# NIED Seismic Moment Tensor Catalogue January-December, 2000


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# NIED Seismic Moment Tensor Catalogue January – December, 2000

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**Abstract**

We have routinely estimated the moment tensors of earthquakes occurring in and around Japanese islands. This report compiles all the moment tensor solutions we have estimated in 2000. In these computations, we used the FREESIA/KIBAN broadband seismic network developed by NIED (National Research Institute for Earth Science and Disaster Prevention) and STA (Science and Technology Agency, now called the Ministry of Education, Culture, Sports, Science and Technology). We mainly used STS-1 broadband seismometer records. VSE311/VSE355 strong motion velocity-meter was additionally used in cases when STS-1 waveforms were unavailable. In some stations, CMG-1T broadband seismometer is installed instead of STS-1. Moment tensor estimation is triggered by the JMA (Japan Meteorological Agency) e-mail of emergent hypocenter location information. This catalogue includes most M >4.0 earthquakes and some M >3.5 earthquakes. However, due to either incomplete station distribution or the quality of available data, our catalog missed several earthquakes that had been detected by JMA.

**Key words**: Seismic moment tensor, Earthquake catalogue

## 1. Method

Below is a brief description of the method used here to determine seismic moment tensors and their centroid depths. Fukuyama et al. (1998) describes the method and it would be

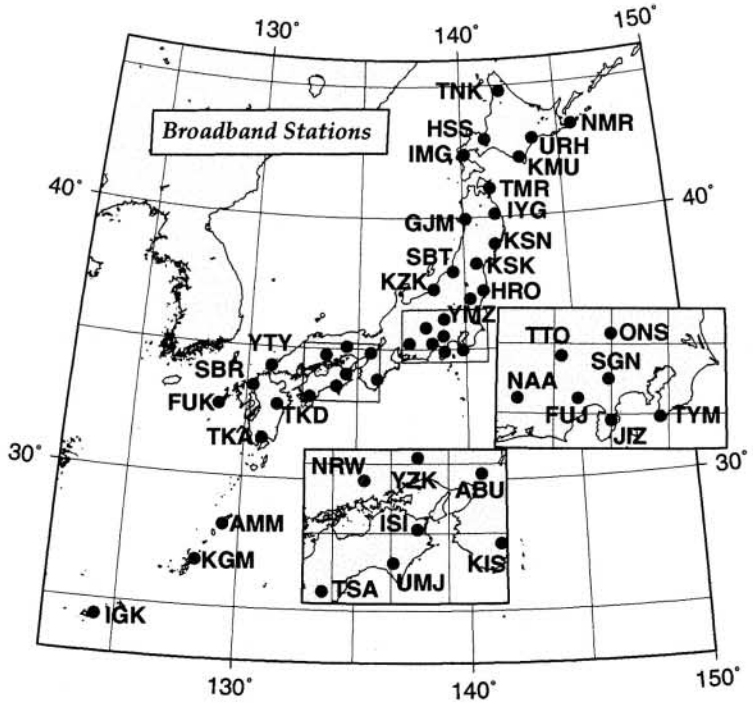


Fig. 1: Broadband station distribution used in the analysis.

helpful to refer to this in more details. All the information concerning this catalogue is also displayed at the World Wide Web page[1].

Moment tensor analysis is triggered by the JMA (Japan Meteorological Agency) emergency hypocenter report received by e-mail. The following information is used from the report: origin time (in minutes), epicentral location (in 0.1 degree), depth (in 10km) and magnitude. This e-mail is dispatched for earthquakes with a maximum JMA scale intensity greater than 1 in the Kanto-Shinetsu-Chubu region (central part of Japan) and its surroundings. For other regions, the e-mail is dispatched only for earthquakes with a maximum intensity 3 or more. This information covers most M >3.5 earthquakes. However, it sometimes misses off shore or deep M >3.5 earthquakes, thus we used the information from the JWA (Japan Weather Association) World Wide Web page[2] as a supplement. We also used the unified hypocenter catalog maintained by JMA in order to make the moment tensor catalogue complete. The unified hypocenter catalog uses all the available microseismic data such as Hi-net data, university group data, and JMA data.

All the stations used in this analysis are shown in Fig. 1 and Table 1. Three stations at most are used for the moment tensor estimation. Filter coefficients and minimum epicentral distance are chosen according to the JMA magnitude (see Table 2). The JMA magnitude is used only for this purpose. The criterion for choosing stations is basically on its epicentral distance. The closest three stations within the epicentral distance range are chosen as a first (automatic) trial. We then update it manually by examining station combinations,

[1]http://argent.geo.bosai.go.jp
[2]http://tenki.or.jp/quake.html

adjusting origin time offsets, or adjusting source depth. This is because if the waveforms are contaminated by long period noise, the solution is no more reliable. Manual operation is mainly to remove these noisy records. If the dataset is well examined, the moment tensor solution can be determined stably and uniquely by adjusting origin time offset and its source depth. In this catalogue, all solutions have been inspected and re-computed as final solutions.

Table 1: Locations of stations used in the analysis.

| Station Name | Station Code | Latitude ($^\circ N$) | Longitude ($^\circ E$) | Height ($m$) | Sensor | Cooperative Organization | Funding Project |
|---|---|---|---|---|---|---|---|
| Abuyama | ABU | 34.8603 | 135.5734 | 138 | STS-1/VSE311R | Kyoto U. | KIBAN |
| Amami-Oshima | AMM | 28.1534 | 129.3022 | 12 | STS-1/VSE355G | — | KIBAN |
| Fujigawa | FUJ | 35.2267 | 138.4217 | 640 | STS-1/VSE311R | Tokyo U. | FREESIA |
| Fukue | FUK | 32.7144 | 128.7594 | 75 | STS-1/VSE355G | Kyushu U. | KIBAN |
| Gojyome | GJM | 39.9517 | 140.1167 | 105 | STS-1/VSE311R | Tohoku U. | KIBAN |
| Hirono | HRO | 37.2215 | 140.8813 | 630 | CMG-1T/VSE355G | Tohoku U. | KIBAN |
| Sapporo | HSS | 42.9647 | 141.2328 | 230 | STS-1/VSE311R | Hokkaido U. | KIBAN |
| Ishigaki | IGK | 24.4060 | 124.1783 | 77 | CMG-1T/VSE355G | — | KIBAN |
| Imagane | IMG | 42.3902 | 140.1440 | 80 | CMG-1T/VSE355G | Hokkaido U. | KIBAN |
| Tokushima | ISI | 34.0572 | 134.4580 | 27 | STS-1/VSE311R | Kyoto U. | FREESIA |
| Yamagata | IYG | 40.1188 | 141.5863 | 427 | CMG-1T/VSE355G | — | KIBAN |
| Nakaizu | JIZ | 34.9129 | 138.9972 | 263 | STS-1/VSE311R | — | FREESIA |
| Kunigami | KGM | 26.7531 | 128.2168 | 102 | CMG-1T/VSE355G | — | KIBAN |
| Kiwa | KIS | 33.8627 | 135.8933 | 70 | STS-1/VSE311R | Kyoto U. | FREESIA |
| Kamikineusu | KMU | 42.2387 | 142.9670 | 185 | CMG-1T/VSE355G | Hokkaido U. | KIBAN |
| Kawasaki | KSK | 38.2529 | 140.5868 | 317 | CMG-1T/VSE355G | — | KIBAN |
| Kesen'numa | KSN | 38.9733 | 141.5333 | 280 | CMG-1T/VSE355G | — | KIBAN |
| Kashiwazaki | KZK | 37.2951 | 138.5156 | 220 | STS-1/VSE311R | Tokyo U. | FREESIA |
| Asahi | NAA | 35.2217 | 137.3650 | 200 | STS-1/VSE311R | Nagoya U. | FREESIA |
| Nemuro | NMR | 43.3650 | 145.7430 | 20 | STS-1/VSE311R | Hokkaido U. | FREESIA |
| Nariwa | NRW | 34.7647 | 133.5355 | 199 | CMG-1T/VSE355G | — | KIBAN |
| Onishi | ONS | 36.1525 | 138.9848 | 477 | CMG-1T/VSE355G | — | KIBAN |
| Sefuri | SBR | 33.5024 | 130.2555 | 265 | STS-1/VSE355G | Kyushu U. | KIBAN |
| Shibata | SBT | 37.9656 | 139.4538 | 160 | STS-1/VSE311R | Tohoku U. | KIBAN |
| Tsuru-Sugeno | SGN | 35.5054 | 138.9475 | 800 | STS-1/VSE311R | — | FREESIA |
| Takakuma | TKA | 31.5125 | 130.7853 | 535 | STS-1/VSE311R | Kagoshima U. | FREESIA |
| Takeda | TKD | 32.8140 | 131.3900 | 751 | STS-1/VSE311R | Kyushu U. | FREESIA |
| Tomari | TMR | 41.0990 | 141.3868 | 120 | STS-1/VSE355G | Hirosaki U. | KIBAN |
| Nakagawa | TNK | 44.7757 | 142.0830 | 60 | STS-1/VSE311R | Hokkaido U. | FREESIA |
| Nishitosa | TSA | 33.1744 | 132.8229 | 141 | CMG-1T/VSE355G | — | KIBAN |
| Takato | TTO | 35.8332 | 138.1238 | 1150 | STS-1/VSE355G | — | KIBAN |
| Tateyama | TYM | 34.9708 | 139.8481 | 30 | STS-1/VSE311R | Geogr. Surv. Jpn. | FREESIA |
| Umaji | UMJ | 33.5760 | 134.0398 | 361 | CMG-1T/VSE355G | — | KIBAN |
| Urahoro | URH | 42.9270 | 143.6746 | 75 | STS-1/VSE355G | Hokkaido U. | KIBAN |
| Yamizo | YMZ | 36.9241 | 140.2479 | 555 | STS-1/VSE311R | Tohoku U. | KIBAN |
| Toyota | YTY | 34.2803 | 131.0394 | 155 | CMG-1T/VSE355G | — | KIBAN |
| Yamazaki | YZK | 35.0859 | 134.4621 | 328 | CMG-1T/VSE355G | — | KIBAN |

Filtered displacement waveforms are used for the moment tensor inversion. The filter coefficients vary according to JMA magnitude (Table 2). 1 Hz sampling displacement data produced from the original 20Hz data stream (VBB components) are used in order to reduce the latency caused by packeting during the transmission from each station.

The moment tensor estimation consists of two steps, an automatic process and a manual one with human inspections. In the automatic stage, by using JMA e-mail, three stations are chosen automatically to prepare the waveform dataset. Using these waveforms, a moment tensor inversion is conducted with several trial depths within ±30km from the JMA hypocenter depth. Assumed depth points are shown in Table 3. In the manual determination stage, the combination of stations, optimum zero offset and depth have been examined by the operator in a Monte Carlo manner. At this point, the error function is set to variance reduction ($VarRed$) defined as follows:

$$VarRed = 100 \times \sum_i w_i \int \left(1 - \frac{(s_i(t) - o_i(t))^2}{|s_i(t)||o_i(t)|}\right) dt \ \ [\%] \tag{1}$$

where $s_i(t)$ and $o_i(t)$ are synthetic and observed waveforms, respectively. $w_i$ is a weighting

Table 2: Minimum epicentral distance, filter coefficients, and data length for initial magnitude reported by JMA

| Magnitude range | Epicentral Dist. ($km$) | Frequency range ($Hz$) | Data length ($seconds$) |
|---|---|---|---|
| 3.5 <M <5.0 | >50 | 0.02 – 0.05 | 120 |
| 5.0 <M <6.5 | >100 | 0.01 – 0.05 | 120 |
| 6.5 <M <7.5 | >300 | 0.01 – 0.05 | 150 |
| 7.5 <M | >600 | 0.005 – 0.02 | 180 |

Table 3: Assumed source depths in km used in the analysis.

| |
|---|
| 5 8 11 14 17 20 23 26 29 32 35 38 41 44 47 50 53 56 59 62 65 68 |
| 71 74 77 80 83 86 89 92 95 98 101 104 107 110 113 116 119 122 |
| 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 |
| 210 220 230 240 250 260 270 280 290 300 320 340 360 380 400 |

function proportional to the hypocentral distance.

The velocity structure used for Green's function is shown in Table 4. This structure is constructed by referring to Ukawa et al. (1984) for the shallower part and Fukao (1977) for the deeper part. Green's function is computed by using the discrete wavenumber method developed by Saikia (1994). The program named *tdmt_inv* is used for the moment tensor estimation which is developed by Pasyanos et al. (1996). *tdmt_sched.pl* is a Perl script developed here and used in the routine process. *tdmt_sched.pl* controls the automatic procedure. *tdmt_manual.pl* then supports the human inspection of the automatic moment tensor solution by referring to the automatic solution. In this inversion, since the time offset is shifted either automatically or manually, the centroid location is not estimated. This offset adjustment corrects both velocity structure misfit and centroid location misfit. As shown in Fukuyama et al. (1998), the shape of Green's function does not change for slight epicentral distance change, so that the above procedure works.

# 2. Results

The results are shown in Table 5, Figs. 2 and 3. In Table 5, origin times, latitudes, longitudes and region names are provided by JMA. Other parameters such as D (depth), Mw (moment magnitude) etc., are determined by this analysis. VarRed represents variance reduction, shown as percentages. (Str1, Dip1, Rak1) and (Str2, Dip2, Rak2) are two fault planes. Str, Dip, and Rak indicate strike, dip and rake angles, respectively. $M_{xx}$, $M_{xy}$, $M_{xz}$, $M_{yy}$, $M_{yz}$, and $M_{zz}$ are the moment tensor components normalized by $M_o$ (total scalar moment). In Fig. 2, the best fit double couples are shown with their epicentral locations. The numerals appearing above each focal mechanism represent the event ID shown in Table 5. For the

Table 4: Velocity structure for Green's functions.

| Depth $(km)$ | Thickness $(km)$ | P Velocity $(km/s)$ | S Velocity $(km/s)$ | Density $(kg/m^3)$ | $Q_P$ | $Q_S$ |
|---|---|---|---|---|---|---|
| 0 | 3 | 5.50 | 3.14 | 2300 | 600 | 300 |
| 3 | 15 | 6.00 | 3.55 | 2400 | 600 | 300 |
| 18 | 15 | 6.70 | 3.83 | 2800 | 600 | 300 |
| 33 | 67 | 7.80 | 4.46 | 3200 | 600 | 300 |
| 100 | 125 | 8.00 | 4.57 | 3300 | 600 | 300 |
| 225 | 100 | 8.40 | 4.80 | 3400 | 600 | 300 |
| 325 | 100 | 8.60 | 4.91 | 3500 | 600 | 300 |
| 425 | – | 9.30 | 5.31 | 3700 | 600 | 300 |

Niijima - Kouzushima - Miyakejima swarm activity and the western Tottori earthquake sequence, we omitted small earthquakes (Mw $<$ 5.9 for the Niijima - Kouzushima - Miyakejima swarm and Mw $<$ 4.3 for the western Tottori) and prepared two magnified maps for the Niijima - Kouzushima - Miyakejima swarm (Mw $\geq$ 5.3 are plotted) and for the western Tottori (Mw $\geq$ 3.5 are plotted). In Figs. 2 and 3, moment tensors are shown with lower hemisphere projection. P- and T- axes are also shown. Superscripted numerals again indicate event ID.

# 3. Conclusion

We have estimated 2252 seismic moment tensors and their centroid depths by using FREESIA /KIBAN broadband waveforms.

## *Acknowledgments*

The FREESIA broadband seismic network is supported by the NIED project entitled 'Fundamental Research on Earthquakes and the Earth's Interior Anomaly' under the cooperation of Hokkaido University, the University of Tokyo, Nagoya University, Kyoto University, Kyushu University, Kagoshima University, and Geographical Survey of Japan. The KIBAN broadband seismic network is supported by the Science and Technology Agency (now called the Ministry of Education, Culture, Sports, Science and Technology) under the cooperation of the Headquarters for Earthquake Research Promotion. We would appreciate Professor Douglas S. Dreger for providing us with the core program as well as for his devoted assistance. Mrs. Osamu Kato and Jun Horita helped construct the broadband stations during the absence of HM. The unified hypocenter catalog is maintained by Japan Meteorological Agency with the cooperation of the Science and Technology Agency (now called the Ministry of Education, Culture, Sports, Science and Technology). Microseismic waveform data for the unified hypocenter catalog is provided by National Research Institute for Earth Science and Disaster Prevention, Hokkaido University, Hirosaki University, Tohoku University, the University of Tokyo, Nagoya University, Kyoto University, Koch University, Kyushu

University, Kagoshima University, Geological Survey of Japan, Tokyo Metropolis, Shizuoka Prefecture, Hot Springs Research Institute of Kanagawa Prefecture, Yokohama City, Japan Marine Science and Technology Center, and Japan Meteorological Agency.

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# Corrections

During the publication process of this report, we found duplicated moment tensor solutions that have already been listed as independent earthquakes. Event ID 239, 827, and 1216 should be removed from the catalogue (Table 2 and Figures 2 and 3). They should be identical to 238, 826, and 1217, respectively. Moreover, in the NIED seismic moment tensor catalogue in 1999 (Fukuyama et. al, 2000), we also found a duplicated solution (event ID 457), which should be removed and be identical to 456 in that catalogue.

# NIED 地震モーメントテンソルカタログ 2000年1月－12月

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**要旨**

我々は，日本及びその周辺で発生する地震のモーメントテンソルを定常的に決めている．このレポートは、2000年に決められたすべての地震のモーメントテンソル解をコンパイルしたものである．防災科学技術研究所及び科学技術庁 (現文部科学省) により整備された広帯域地震観測網のデータを用いて計算を行った．解析には主に STS-1 型広帯域地震計の波形を用いたが，利用できない場合は，VSE311 型速度型強震計および VSE355 型速度型強震計を用いた．STS-1 型広帯域地震計の代わりに CMG-1T 型地震計が設置されている観測点もある．気象庁から発信される緊急震源情報を含んだ電子メールにより解析を開始させた．本カタログは，ほとんどのマグニチュード 4 以上の地震といくつかのマグニチュード 3.5 以上の地震をカバーしている．しかしながら，観測点分布の偏りや，波形データのノイズ状況により，気象庁により検知された地震のいくつかは解が決まらず，カタログからは洩れている．

**キーワード：** モーメントテンソル，地震カタログ

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Table 5 : Estimated moment tensors. A detailed explanation is given in the text.

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2000/01/01,00:04 | 33.4 | 134.6 | 17 | 3.4 | 1.59e14 | 84.58 | SE off Shikoku | 119 | 72 | -152 | 20 | 64 | -20 | -0.5375 | 0.5307 | -0.5344 | 0.7370 | 0.0972 | -0.1996 | KIS | | |
| 2 | 2000/01/02,23:18 | 33.7 | 138.4 | 260 | 4.3 | 2.85e15 | 91.18 | far S off Tokai District | 34 | 74 | -109 | 266 | 25 | -40 | 0.5451 | -0.1410 | -0.2613 | 0.0543 | 0.8108 | -0.5994 | JIZ | FUJ | SGN |
| 3 | 2000/01/03,18:01 | 41.0 | 143.3 | 23 | 4.3 | 2.90e15 | 70.95 | E off Aomori pref | 16 | 67 | 78 | 225 | 26 | 117 | -0.0814 | 0.3962 | 0.1300 | -0.5756 | -0.6711 | 0.6570 | URH | GJM | |
| 4 | 2000/01/04,07:22 | 43.0 | 144.8 | 56 | 3.7 | 4.12e14 | 82.21 | Kushiro region | 42 | 76 | 107 | 170 | 22 | 40 | 0.1406 | 0.2921 | 0.5720 | -0.5280 | -0.6180 | 0.3875 | URH | HSS | |
| 5 | 2000/01/05,23:43 | 31.6 | 131.8 | 26 | 4.0 | 9.65e14 | 71.87 | Hyuganada region | 2 | 75 | 84 | 204 | 16 | 111 | -0.0629 | 0.1110 | -0.0064 | -0.4561 | -0.8660 | 0.5190 | TKD | SBR | |
| 6 | 2000/01/06,08:33 | 43.0 | 145.5 | 44 | 4.3 | 3.40e15 | 91.31 | off Nemuro peninsula | 23 | 59 | 79 | 225 | 32 | 108 | -0.3055 | 0.3816 | 0.0807 | -0.5893 | -0.4840 | 0.8948 | URH | HSS | |
| 7 | 2000/01/06,14:03 | 35.3 | 137.4 | 50 | 3.6 | 2.52e14 | 55.47 | SE Gifu pref | 185 | 70 | -34 | 288 | 58 | -156 | -0.1450 | 0.7617 | 0.2077 | 0.5694 | -0.3608 | -0.4244 | TTO | FUJ | SGN |
| 8 | 2000/01/07,10:35 | 35.9 | 137.6 | 5 | 3.7 | 4.18e14 | 87.75 | western Nagano pref | 14 | 61 | 84 | 205 | 30 | 100 | 0.0100 | 0.3169 | 0.0889 | -0.8082 | -0.5061 | 0.7982 | NAA | FUJ | SGN |
| 9 | 2000/01/09,04:02 | 37.3 | 141.7 | 44 | 5.1 | 5.66e16 | 93.13 | E off Fukushima pref | 25 | 71 | 93 | 195 | 19 | 80 | -0.0353 | 0.2273 | 0.3524 | -0.5525 | -0.7057 | 0.5879 | YMZ | SBT | TTO |
| 10 | 2000/01/10,08:33 | 38.9 | 140.7 | 5 | 4.3 | 2.95e15 | 73.22 | southern Akita pref | 351 | 68 | 68 | 219 | 31 | 134 | 0.1966 | 0.2321 | -0.1856 | -0.7923 | -0.6446 | 0.5957 | GJM | SBT | YMZ |
| 11 | 2000/01/10,13:25 | 36.2 | 136.3 | 11 | 3.6 | 2.66e14 | 67.99 | central Fukui pref | 63 | 59 | 94 | 236 | 31 | 84 | -0.6386 | 0.3152 | 0.4331 | -0.3024 | -0.1757 | 0.9411 | ABU | TTO | KIS |
| 12 | 2000/01/12,02:09 | 36.5 | 140.6 | 59 | 4.3 | 2.80e15 | 93.10 | northern Ibaraki pref | 22 | 68 | 91 | 199 | 22 | 87 | -0.0774 | 0.2397 | 0.2779 | -0.6136 | -0.6606 | 0.6910 | SGN | SBT | TTO |
| 13 | 2000/01/12,07:02 | 29.4 | 129.9 | 56 | 4.4 | 4.85e15 | 79.14 | near Tokara Islands | 32 | 88 | 104 | 129 | 14 | 7 | 0.2739 | 0.0166 | 0.4840 | -0.2688 | -0.8416 | -0.0051 | AMM | FUK | |
| 14 | 2000/01/12,16:39 | 34.0 | 130.3 | 8 | 3.3 | 1.08e14 | 80.59 | NW off Kyushu | 140 | 89 | 46 | 49 | 44 | 178 | 0.6727 | 0.0906 | 0.4520 | -0.7085 | 0.5655 | 0.0358 | SBR | TKD | |
| 15 | 2000/01/12,23:02 | 33.5 | 132.9 | 32 | 3.7 | 3.83e14 | 82.32 | SW Ehime pref | 37 | 85 | 8 | 306 | 82 | 175 | -0.9366 | 0.2964 | 0.0109 | 0.9457 | -0.1632 | -0.0090 | TKD | KIS | ABU |
| 16 | 2000/01/13,18:52 | 44.4 | 149.6 | 38 | 4.9 | 2.91e16 | 79.46 | SE off Etorofu | 241 | 89 | 95 | 344 | 5 | 13 | 0.0344 | 0.0812 | -0.8747 | -0.0555 | 0.4795 | 0.0210 | NMR | | |
| 17 | 2000/01/15,07:30 | 37.8 | 142.7 | 26 | 4.4 | 4.71e15 | 86.75 | far E off Fukushima pref | 37 | 59 | 103 | 193 | 33 | 70 | -0.1663 | 0.3139 | 0.3843 | -0.7249 | -0.2903 | 0.8912 | YMZ | GJM | TMR |
| 18 | 2000/01/15,21:12 | 44.2 | 148.2 | 65 | 4.5 | 6.95e15 | 78.04 | SE off Etorofu | 45 | 79 | 91 | 221 | 11 | 87 | -0.1732 | 0.2105 | 0.6513 | -0.1988 | -0.6542 | 0.3720 | NMR | URH | |
| 19 | 2000/01/15,23:50 | 40.6 | 144.0 | 8 | 4.3 | 3.43e15 | 65.11 | far E off Sanriku | 241 | 64 | -53 | 1 | 44 | -141 | 0.0192 | -0.5339 | 0.5745 | 0.6128 | 0.0020 | -0.6320 | URH | GJM | |
| 20 | 2000/01/16,08:50 | 31.2 | 130.4 | 160 | 4.2 | 2.51e15 | 85.02 | Satsuma peninsula region | 10 | 72 | 55 | 256 | 38 | 151 | -0.2096 | 0.5890 | -0.0532 | -0.2702 | -0.6930 | 0.4798 | TKA | TKD | FUK |
| 21 | 2000/01/17,11:56 | 33.8 | 131.4 | 17 | 4.0 | 9.94e14 | 87.47 | Suonada Setonaikai | 300 | 85 | 7 | 210 | 83 | 175 | 0.8405 | -0.4967 | -0.1389 | -0.8724 | 0.0098 | 0.0318 | TKD | SBR | FUK |
| 22 | 2000/01/18,15:00 | 32.3 | 141.1 | 53 | 3.8 | 6.15e14 | 61.59 | E off Hachijojima island | 172 | 83 | 52 | 73 | 39 | 168 | 0.1443 | 0.5668 | 0.2054 | -0.3386 | 0.7416 | 0.1943 | JIZ | | |
| 23 | 2000/01/18,18:22 | 30.3 | 131.0 | 11 | 4.1 | 1.66e15 | 62.91 | near Tanegashima island | 334 | 74 | -37 | 76 | 55 | -160 | 0.6903 | 0.6552 | 0.1032 | -0.3134 | 0.4697 | -0.3769 | TKA | TKD | AMM |
| 24 | 2000/01/19,00:17 | 37.3 | 141.7 | 44 | 3.8 | 5.75e14 | 87.46 | E off Fukushima pref | 42 | 83 | 78 | 282 | 14 | 149 | -0.3030 | 0.1585 | 0.6246 | 0.0761 | -0.7147 | 0.2270 | YMZ | SBT | SGN |
| 25 | 2000/01/19,05:08 | 39.3 | 144.6 | 5 | 4.3 | 2.92e15 | 78.70 | far E off north Honshu | 179 | 74 | -91 | 1 | 16 | -88 | 0.0511 | -0.0048 | -0.0107 | 0.5064 | -0.8456 | -0.5576 | TMR | GJM | |
| 26 | 2000/01/20,16:01 | 39.3 | 144.6 | 5 | 4.5 | 6.29e15 | 83.20 | far E off north Honshu | 195 | 70 | -85 | 1 | 21 | -103 | 0.1484 | -0.0384 | 0.2354 | 0.5825 | -0.7181 | -0.7309 | TMR | GJM | |
| 27 | 2000/01/21,21:48 | 34.9 | 140.7 | 65 | 4.3 | 2.74e15 | 88.37 | SE off Boso peninsula | 326 | 77 | 51 | 221 | 41 | 160 | 0.4674 | 0.0681 | -0.5018 | -0.8073 | -0.5013 | 0.3399 | SGN | FUJ | TTO |
| 28 | 2000/01/22,13:01 | 41.1 | 142.8 | 29 | 4.0 | 1.33e15 | 64.91 | E off Aomori pref | 165 | 52 | 90 | 345 | 38 | 90 | -0.1681 | -0.1967 | 0.0656 | -0.8586 | 0.2475 | 1.0267 | TMR | URH | HSS |
| 29 | 2000/01/22,23:18 | 45.0 | 149.9 | 56 | 4.3 | 3.04e15 | 86.72 | Kurile Islands region | 121 | 79 | -29 | 217 | 62 | -167 | 0.8911 | -0.3310 | -0.2943 | -0.7099 | -0.3700 | -0.1812 | NMR | | |
| 30 | 2000/01/23,07:40 | 30.3 | 131.1 | 11 | 5.3 | 9.15e16 | 80.71 | near Tanegashima island | 6 | 88 | -22 | 97 | 68 | -178 | -0.1616 | 0.8992 | -0.0002 | 0.2840 | 0.3787 | -0.1224 | FUK | SBR | |
| 31 | 2000/01/23,19:28 | 34.5 | 138.0 | 35 | 3.7 | 3.94e14 | 92.32 | Ensyunada | 141 | 77 | 154 | 238 | 65 | 15 | -0.9244 | -0.2911 | 0.0814 | 0.7327 | 0.4391 | 0.1917 | FUJ | NAA | SGN |
| 32 | 2000/01/23,19:58 | 40.3 | 139.2 | 8 | 3.5 | 2.26e14 | 86.03 | W off Akita pref | 128 | 85 | -27 | 221 | 63 | -174 | 0.9212 | -0.1692 | -0.3208 | -0.8199 | -0.3230 | -0.1013 | GJM | TMR | |
| 33 | 2000/01/24,06:05 | 41.5 | 142.0 | 59 | 3.9 | 8.84e14 | 68.22 | E off Aomori pref | 29 | 69 | 111 | 163 | 29 | 48 | 0.1217 | 0.0846 | 0.4530 | -0.7537 | -0.5439 | 0.6320 | HSS | URH | |
| 34 | 2000/01/24,12:46 | 30.2 | 131.1 | 20 | 4.7 | 1.16e16 | 78.96 | near Tanegashima island | 315 | 62 | -89 | 132 | 28 | -93 | 0.4319 | 0.4012 | 0.3868 | 0.3993 | 0.4106 | -0.8312 | FUK | SBR | |
| 35 | 2000/01/24,12:50 | 37.1 | 141.6 | 38 | 4.4 | 4.68e15 | 74.96 | E off Fukushima pref | 24 | 64 | 88 | 208 | 26 | 94 | -0.1729 | 0.2902 | 0.2327 | -0.6300 | -0.5706 | 0.8029 | YMZ | GJM | |
| 36 | 2000/01/24,13:38 | 39.5 | 143.6 | 14 | 4.6 | 8.14e15 | 77.41 | far E off Sanriku | 13 | 71 | 87 | 202 | 19 | 98 | 0.0812 | 0.2235 | 0.1666 | -0.6226 | -0.7715 | 0.5414 | TMR | GJM | |
| 37 | 2000/01/25,09:02 | 43.5 | 145.8 | 62 | 4.5 | 6.57e15 | 85.34 | Nemuro region | 328 | 55 | 46 | 207 | 54 | 135 | 0.2832 | -0.0497 | -0.5143 | -0.9633 | 0.0024 | 0.6801 | URH | HSS | |
| 38 | 2000/01/25,13:18 | 45.5 | 142.5 | 320 | 4.4 | 4.20e15 | 89.06 | NE off Hokkaido | 89 | 74 | 142 | 191 | 54 | 20 | -0.3383 | 0.7749 | 0.5077 | -0.0163 | 0.1556 | 0.3546 | TNK | HSS | URH |
| 39 | 2000/01/27,02:51 | 34.7 | 137.1 | 5 | 3.6 | 2.97e14 | 76.04 | Mikawa bay region | 315 | 69 | 62 | 191 | 34 | 141 | 0.1033 | -0.2171 | -0.6477 | -0.7167 | -0.3084 | 0.6134 | FUJ | KIS | JIZ |
| 40 | 2000/01/27,23:15 | 36.8 | 141.7 | 8 | 3.8 | 6.65e14 | 79.46 | E off Fukushima pref | 29 | 84 | 94 | 170 | 7 | 52 | 0.0947 | 0.1090 | 0.4628 | -0.2330 | -0.8608 | 0.1383 | YMZ | SGN | TTO |
| 41 | 2000/01/28,11:28 | 36.6 | 141.0 | 35 | 4.7 | 1.26e16 | 93.60 | E off Ibaraki pref | 19 | 76 | 89 | 204 | 14 | 95 | -0.0243 | 0.1825 | 0.2853 | -0.4192 | -0.8412 | 0.4435 | YMZ | SBT | SGN |
| 42 | 2000/01/28,14:21 | 43.0 | 146.7 | 44 | 6.7 | 1.21e19 | 53.60 | off Nemuro peninsula | 231 | 53 | 112 | 17 | 42 | 64 | -0.1680 | 0.6437 | -0.2709 | -0.6388 | 0.0532 | 0.8069 | URH | GJM | |
| 43 | 2000/01/28,22:44 | 41.0 | 142.4 | 47 | 3.6 | 2.68e14 | 67.19 | E off Aomori pref | 24 | 76 | 90 | 203 | 14 | 89 | -0.1234 | 0.1356 | 0.3651 | -0.3734 | -0.8070 | 0.4968 | TMR | GJM | HSS |
| 44 | 2000/01/29,05:25 | 43.3 | 147.1 | 35 | 3.6 | 3.24e14 | 68.00 | E off Hokkaido | 65 | 77 | 126 | 171 | 38 | 21 | 0.1594 | 0.5049 | 0.7094 | -0.5033 | -0.2112 | 0.3438 | URH | | |
| 45 | 2000/01/29,11:47 | 42.9 | 146.6 | 32 | 3.8 | 4.85e14 | 55.20 | off Nemuro peninsula | 70 | 84 | 121 | 169 | 31 | 11 | 0.2285 | 0.3716 | 0.8524 | -0.4217 | -0.1442 | 0.1932 | NMR | URH | |
| 46 | 2000/01/30,19:22 | 35.4 | 141.3 | 35 | 4.7 | 1.09e16 | 78.43 | E off Boso peninsula | 318 | 85 | 69 | 215 | 22 | 166 | 0.3282 | -0.1645 | -0.5652 | -0.4447 | -0.7142 | 0.1165 | YMZ | SGN | JIZ |
| 47 | 2000/01/30,19:32 | 35.4 | 141.3 | 38 | 4.4 | 4.31e15 | 78.43 | E off Boso peninsula | 330 | 76 | 78 | 190 | 18 | 129 | 0.1636 | -0.2064 | -0.4310 | -0.5571 | -0.7417 | 0.3934 | YMZ | SGN | JIZ |
| 48 | 2000/01/31,09:01 | 42.0 | 143.8 | 8 | 3.9 | 6.93e14 | 86.15 | SE off Tokachi | 188 | 57 | -77 | 345 | 35 | -109 | -0.0065 | 0.0543 | 0.1903 | 0.9078 | -0.3773 | -0.9014 | URH | | |
| 49 | 2000/02/02,03:42 | 43.6 | 147.6 | 47 | 4.7 | 1.26e16 | 74.22 | E off Hokkaido | 69 | 89 | 100 | 164 | 10 | 5 | 0.1090 | 0.1153 | 0.9217 | -0.1623 | -0.3366 | 0.0534 | NMR | URH | |
| 50 | 2000/02/02,10:06 | 42.9 | 146.7 | 47 | 3.9 | 8.46e14 | 71.83 | off Nemuro peninsula | 61 | 75 | 104 | 198 | 21 | 49 | -0.1684 | 0.2437 | 0.7835 | -0.3849 | -0.3149 | 0.5533 | NMR | URH | |
| 51 | 2000/02/02,19:07 | 36.5 | 137.5 | 29 | 4.0 | 1.05e15 | 86.66 | Hida mountains region | 329 | 79 | 31 | 233 | 60 | 168 | 0.7025 | 0.3231 | -0.4279 | -0.8509 | -0.3150 | 0.1484 | TTO | NAA | FUJ |
| 52 | 2000/02/04,07:53 | 36.3 | 140.7 | 86 | 3.8 | 6.00e14 | 69.82 | E off Ibaraki pref | 17 | 83 | 87 | 221 | 8 | 113 | -0.0335 | 0.1285 | 0.2813 | -0.2113 | -0.9226 | 0.2448 | SGN | TTO | |
| 53 | 2000/02/04,10:14 | 42.9 | 146.7 | 44 | 3.8 | 6.31e14 | 64.78 | off Nemuro peninsula | 75 | 59 | 94 | 248 | 31 | 84 | -0.7642 | 0.2397 | 0.4609 | -0.1544 | -0.0851 | 0.9186 | NMR | URH | |
| 54 | 2000/02/05,04:40 | 38.1 | 140.5 | 5 | 3.5 | 2.32e14 | 76.55 | southern Miyagi pref | 57 | 86 | -134 | 323 | 44 | -5 | 0.7542 | 0.1787 | -0.6412 | -0.6240 | 0.3041 | -0.1303 | SBT | YMZ | |
| 55 | 2000/02/05,19:43 | 36.7 | 139.4 | 8 | 4.2 | 2.49e15 | 91.37 | Tochigi Gunma border | 28 | 67 | 70 | 251 | 30 | 129 | -0.4301 | 0.4244 | 0.1654 | -0.2712 | -0.6507 | 0.7013 | YMZ | FUJ | JIZ |
| 56 | 2000/02/06,04:55 | 42.3 | 143.1 | 56 | 4.1 | 1.74e15 | 88.07 | Hidaka mountains region | 30 | 64 | 78 | 236 | 29 | 113 | -0.3249 | 0.4701 | 0.2332 | -0.4198 | -0.5589 | 0.7446 | URH | HSS | TMR |
| 57 | 2000/02/06,16:00 | 27.5 | 129.3 | 26 | 5.0 | 2.99e16 | 93.11 | near Amami-Oshima island | 25 | 77 | 102 | 160 | 18 | 46 | 0.0590 | 0.0058 | 0.4247 | -0.4910 | -0.7780 | 0.4320 | AMM | | |
| 58 | 2000/02/07,06:34 | 43.2 | 147.3 | 32 | 4.8 | 1.57e16 | 69.05 | E off Hokkaido | 198 | 54 | 60 | 62 | 45 | 124 | -0.3809 | 0.4513 | 0.2744 | -0.4978 | 0.4162 | 0.8787 | NMR | URH | |
| 59 | 2000/02/07,12:27 | 37.2 | 142.2 | 17 | 4.1 | 1.53e15 | 84.81 | E off Fukushima pref | 168 | 86 | -104 | 63 | 15 | -15 | -0.0623 | -0.2058 | -0.2336 | 0.2077 | -0.9320 | -0.1454 | YMZ | SGN | GJM |
| 60 | 2000/02/09,20:34 | 36.7 | 142.8 | 8 | 4.4 | 4.57e15 | 78.21 | far E off Fukushima pref | 12 | 46 | 87 | 196 | 44 | 93 | -0.1019 | 0.2117 | -0.0274 | -0.9226 | -0.0447 | 1.0244 | YMZ | SBT | SGN |
| 61 | 2000/02/11,07:08 | 39.0 | 140.9 | 5 | 4.8 | 1.52e16 | 94.69 | southern Iwate pref | 200 | 50 | 87 | 25 | 40 | 93 | -0.1856 | 0.3170 | -0.0289 | -0.8240 | 0.1802 | 1.0096 | GJM | SBT | YMZ |
| 62 | 2000/02/11,11:32 | 42.1 | 142.6 | 56 | 4.4 | 4.73e15 | 81.72 | S off Urakawa | 22 | 72 | 92 | 194 | 18 | 83 | -0.0271 | 0.1918 | 0.3047 | -0.5480 | -0.7438 | 0.5751 | URH | HSS | GJM |
| 63 | 2000/02/11,11:57 | 35.5 | 139.0 | 11 | 4.2 | 2.29e15 | 95.01 | eastern Yamanashi pref | 12 | 75 | 76 | 236 | 21 | 132 | -0.1467 | 0.3077 | 0.0953 | -0.3626 | -0.8310 | 0.5093 | TTO | NAA | YMZ |
| 64 | 2000/02/11,13:29 | 37.3 | 141.7 | 44 | 4.3 | 3.59e15 | 94.04 | E off Fukushima pref | 20 | 71 | 93 | 191 | 20 | 81 | -0.0266 | 0.1680 | 0.2819 | -0.5872 | -0.7273 | 0.6138 | YMZ | SBT | SGN |
| 65 | 2000/02/11,22:43 | 42.0 | 142.6 | 53 | 4.0 | 1.18e15 | 85.48 | S off Urakawa | 29 | 68 | 87 | 217 | 23 | 97 | -0.1838 | 0.3508 | 0.3366 | -0.5022 | -0.6283 | 0.6860 | URH | HSS | |
| 66 | 2000/02/12,03:01 | 33.7 | 133.7 | 32 | 3.7 | 4.54e14 | 79.72 | mid Kochi pref | 221 | 90 | -3 | 311 | 87 | -180 | -1.0682 | 0.1402 | 0.0463 | 0.9087 | -0.0259 | 0.1594 | ABU | TKD | |
| 67 | 2000/02/12,15:24 | 40.2 | 143.5 | 23 | 3.8 | 5.34e14 | 63.66 | far E off Sanriku | 28 | 62 | 96 | 195 | 29 | 79 | 0.0215 | 0.3933 | 0.2769 | -0.7697 | -0.4661 | 0.7482 | TMR | GJM | |
| 68 | 2000/02/13,04:33 | 39.9 | 143.2 | 20 | 4.6 | 7.82e15 | 86.17 | far E off Sanriku | 25 | 70 | 96 | 189 | 21 | 75 | 0.0519 | 0.2577 | 0.3392 | -0.6257 | -0.6853 | 0.5737 | TMR | GJM | SBT |
| 69 | 2000/02/13,07:08 | 27.2 | 130.1 | 5 | 4.2 | 2.09e15 | 77.93 | near Amami-Oshima island | 332 | 78 | 73 | 208 | 21 | 143 | 0.0957 | 0.0428 | -0.4891 | -0.5254 | -0.7251 | 0.4296 | AMM | | |
| 70 | 2000/02/14,02:18 | 41.0 | 142.0 | 71 | 3.8 | 4.93e14 | 62.11 | E off Aomori pref | 23 | 77 | 111 | 144 | 25 | 33 | 0.1667 | -0.1067 | 0.4245 | -0.5968 | -0.7234 | 0.4300 | GJM | HSS | |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71 | 2000/02/14,13:23 | 41.4 | 142.4 | 56 | 4.2 | 2.06e15 | 82.91 | E off Aomori pref | 80 | 64 | -150 | 336 | 64 | -30 | 0.6270 | 0.6613 | -0.2446 | -0.2482 | 0.4508 | -0.3788 | HSS | URH | GJM |
| 72 | 2000/02/15,13:52 | 37.1 | 141.5 | 35 | 3.6 | 3.26e14 | 61.85 | E off Fukushima pref | 351 | 75 | 75 | 218 | 21 | 135 | 0.1863 | 0.1462 | -0.1507 | -0.6005 | -0.8275 | 0.4141 | YMZ | SGN | |
| 73 | 2000/02/16,11:53 | 37.4 | 144.6 | 5 | 4.9 | 2.81e16 | 72.86 | far E off north Honshu | 321 | 56 | -109 | 173 | 39 | -64 | 0.1489 | 0.3074 | 0.4006 | 0.7736 | 0.1267 | -0.9226 | YMZ | | |
| 74 | 2000/02/17,04:33 | 34.9 | 140.1 | 41 | 3.8 | 5.72e14 | 85.64 | SE off Boso peninsula | 196 | 75 | 75 | 63 | 21 | 134 | -0.2188 | 0.3188 | -0.1499 | -0.2907 | 0.8255 | 0.5095 | SGN | FUJ | TTO |
| 75 | 2000/02/17,14:01 | 32.5 | 130.0 | 5 | 4.1 | 1.52e15 | 85.63 | Amakusa region | 299 | 89 | -30 | 30 | 61 | -179 | 0.7782 | -0.4396 | 0.4399 | -0.7282 | 0.2214 | -0.0500 | SBR | FUK | TKD |
| 76 | 2000/02/19,04:49 | 44.5 | 149.6 | 32 | 5.0 | 3.39e16 | 87.75 | SE off Etorofu | 47 | 63 | 90 | 226 | 27 | 89 | -0.4180 | 0.4445 | 0.4304 | -0.3641 | -0.3966 | 0.7821 | NMR | | |
| 77 | 2000/02/19,05:23 | 44.5 | 149.6 | 32 | 5.2 | 8.25e16 | 84.48 | SE off Etorofu | 43 | 57 | 98 | 209 | 34 | 78 | -0.2800 | 0.4852 | 0.3226 | -0.5945 | -0.2556 | 0.8745 | NMR | | |
| 78 | 2000/02/19,06:06 | 44.5 | 149.5 | 38 | 5.0 | 3.37e16 | 80.71 | SE off Etorofu | 41 | 62 | 106 | 188 | 32 | 62 | -0.0787 | 0.3656 | 0.4498 | -0.7016 | -0.3325 | 0.7803 | NMR | | |
| 79 | 2000/02/19,11:47 | 25.4 | 126.8 | 17 | 4.3 | 3.37e15 | 73.55 | near Okinawajima island | 238 | 63 | 100 | 37 | 29 | 71 | -0.4360 | 0.5307 | -0.5143 | -0.2906 | 0.2687 | 0.7266 | AMM | | |
| 80 | 2000/02/19,13:33 | 42.3 | 143.0 | 53 | 5.2 | 8.25e16 | 87.53 | Hidaka mountains region | 34 | 69 | 83 | 233 | 22 | 108 | -0.3167 | 0.3593 | 0.3695 | -0.3532 | -0.6300 | 0.6699 | HSS | TMR | NMR |
| 81 | 2000/02/20,07:41 | 40.4 | 142.0 | 56 | 3.8 | 5.15e14 | 68.18 | NE off Iwate pref | 38 | 75 | 95 | 200 | 16 | 73 | -0.0604 | 0.2943 | 0.5328 | -0.3926 | -0.6758 | 0.4530 | TMR | GJM | |
| 82 | 2000/02/20,13:58 | 42.6 | 144.2 | 50 | 4.5 | 6.99e15 | 84.30 | SE off Tokachi | 30 | 62 | 127 | 152 | 46 | 42 | 0.3322 | 0.0365 | 0.4247 | -0.9923 | -0.2375 | 0.6601 | URH | NMR | HSS |
| 83 | 2000/02/20,23:32 | 35.6 | 140.4 | 68 | 3.6 | 2.66e14 | 61.68 | central Chiba pref | 322 | 84 | 24 | 229 | 67 | 173 | 0.8308 | 0.1581 | -0.2843 | -0.9733 | -0.2585 | 0.1425 | SGN | JIZ | FUJ |
| 84 | 2000/02/22,13:49 | 31.8 | 131.8 | 26 | 3.7 | 4.46e14 | 81.85 | Hyuganada region | 326 | 64 | -138 | 214 | 53 | -34 | -0.4480 | -0.0015 | 0.5037 | 0.9787 | 0.1591 | -0.5306 | TKD | SBR | FUK |
| 85 | 2000/02/22,16:00 | 42.9 | 146.8 | 38 | 4.5 | 6.41e15 | 76.05 | off Nemuro peninsula | 56 | 64 | 140 | 166 | 55 | 33 | 0.2474 | 0.3857 | 0.7400 | -0.6814 | 0.1918 | 0.4340 | NMR | URH | |
| 86 | 2000/02/23,09:21 | 38.6 | 142.0 | 53 | 3.9 | 7.17e14 | 75.00 | E off Miyagi pref | 210 | 66 | 92 | 26 | 24 | 86 | 0.1270 | 0.5968 | -0.3311 | -0.6423 | 0.5844 | 0.5153 | GJM | SBT | |
| 87 | 2000/02/24,05:55 | 37.8 | 140.1 | 11 | 3.8 | 5.22e14 | 72.15 | southern Yamagata pref | 174 | 54 | 98 | 340 | 37 | 79 | 0.0506 | -0.2415 | -0.0348 | -0.9493 | 0.2996 | 0.8987 | YMZ | | |
| 88 | 2000/02/26,12:13 | 37.2 | 143.9 | 5 | 3.9 | 8.71e14 | 90.30 | far E off north Honshu | 39 | 68 | -39 | 146 | 54 | -152 | -0.5195 | -0.0524 | -0.5538 | 0.9415 | 0.1592 | -0.4221 | YMZ | | |
| 89 | 2000/02/26,15:03 | 35.2 | 135.5 | 20 | 4.0 | 9.92e14 | 94.39 | mid Kyoto pref | 334 | 85 | 11 | 243 | 79 | 175 | 0.7775 | 0.5875 | -0.1626 | -0.7856 | -0.1364 | 0.0081 | KIS | NAA | TTO |
| 90 | 2000/02/27,00:06 | 39.7 | 140.4 | 130 | 4.1 | 1.82e15 | 75.32 | northern Akita pref | 241 | 53 | 90 | 62 | 37 | 91 | -0.7570 | 0.4539 | -0.2363 | -0.1645 | 0.1351 | 0.9215 | SBT | YMZ | HSS |
| 91 | 2000/02/27,21:19 | 33.7 | 139.3 | 11 | 3.5 | 1.92e14 | 69.45 | near Miyakejima island | 226 | 73 | 20 | 130 | 71 | 162 | -1.0620 | 0.0768 | -0.0067 | 0.7788 | 0.3216 | 0.2832 | SGN | NAA | TTO |
| 92 | 2000/02/29,10:15 | 37.7 | 138.3 | 11 | 4.2 | 2.08e15 | 87.13 | Sadogashima is reg | 175 | 49 | 99 | 341 | 42 | 80 | -0.0089 | -0.2097 | -0.0874 | -0.9580 | 0.1332 | 0.9669 | SBT | YMZ | TTO |
| 93 | 2000/03/03,00:23 | 35.2 | 136.7 | 14 | 3.7 | 3.43e14 | 90.65 | Shiga Gifu border region | 3 | 70 | 105 | 145 | 25 | 55 | 0.0456 | -0.2097 | 0.1105 | -0.6530 | -0.7380 | 0.6074 | ABU | TTO | FUJ |
| 94 | 2000/03/03,08:15 | 33.7 | 134.9 | 50 | 3.5 | 1.68e14 | 72.17 | S Part of Kii channel | 348 | 89 | -19 | 78 | 71 | -179 | 0.4140 | 0.8643 | 0.0942 | -0.3408 | 0.3185 | -0.0733 | KIS | ABU | |
| 95 | 2000/03/03,09:40 | 41.6 | 142.9 | 32 | 3.6 | 3.08e14 | 65.75 | E off Aomori pref | 280 | 63 | -86 | 92 | 27 | -97 | 0.6833 | 0.0334 | 0.5732 | 0.2458 | 0.1548 | -0.9291 | TMR | URH | HSS |
| 96 | 2000/03/04,10:52 | 36.2 | 140.1 | 47 | 3.6 | 2.65e14 | 82.96 | SW Ibaraki pref | 132 | 81 | -115 | 23 | 26 | -21 | -0.2539 | 0.1985 | -0.6845 | 0.5301 | -0.5340 | -0.2761 | YMZ | SGN | TTO |
| 97 | 2000/03/05,14:29 | 34.9 | 139.2 | 5 | 3.1 | 5.13e13 | 70.30 | E off Izu peninsula | 239 | 68 | 152 | 340 | 64 | 25 | 0.4684 | 0.5575 | -0.3561 | -0.8791 | -0.0573 | 0.4107 | SGN | FUJ | TTO |
| 98 | 2000/03/06,06:55 | 25.1 | 128.0 | 35 | 4.3 | 3.11e15 | 78.08 | near Okinawajima island | 212 | 80 | 139 | 310 | 50 | 12 | 0.6183 | -0.2212 | -0.3541 | -0.8669 | 0.4848 | 0.2486 | AMM | | |
| 99 | 2000/03/06,07:30 | 35.5 | 140.4 | 35 | 4.0 | 1.27e15 | 88.51 | Kujukuri coast Boso pen | 62 | 77 | 85 | 264 | 13 | 111 | -0.4059 | 0.1526 | 0.7918 | 0.0058 | -0.4328 | 0.4001 | SGN | YMZ | TTO |
| 100 | 2000/03/06,19:46 | 25.3 | 127.6 | 5 | 4.4 | 4.04e15 | 72.53 | near Okinawajima island | 44 | 81 | 98 | 183 | 12 | 50 | -0.0177 | 0.1426 | 0.6659 | -0.3042 | -0.6606 | 0.3219 | AMM | | |
| 101 | 2000/03/07,08:10 | 39.9 | 141.0 | 5 | 4.3 | 2.73e15 | 86.40 | northern Iwate pref | 145 | 89 | -41 | 236 | 49 | -178 | 0.7265 | 0.3094 | -0.4421 | -0.6547 | -0.4920 | -0.0718 | GJM | SBT | YMZ |
| 102 | 2000/03/08,03:15 | 32.6 | 132.2 | 41 | 4.1 | 1.54e15 | 97.72 | Hyuganada region | 258 | 75 | -83 | 54 | 16 | -113 | 0.4431 | -0.2089 | 0.8442 | 0.0451 | -0.1475 | -0.4882 | TKD | | |
| 103 | 2000/03/08,17:28 | 42.9 | 145.1 | 83 | 3.7 | 3.71e14 | 73.43 | off Nemuro peninsula | 68 | 51 | -90 | 247 | 39 | -90 | 0.8520 | -0.3768 | -0.1924 | 0.0989 | 0.0766 | -0.9510 | URH | | |
| 104 | 2000/03/10,00:36 | 34.2 | 139.1 | 5 | 4.2 | 2.00e15 | 94.59 | near Niijima island | 138 | 88 | -152 | 47 | 62 | -2 | -0.8949 | -0.0854 | -0.3805 | 0.8609 | -0.2891 | 0.0341 | JIZ | FUJ | SGN |
| 105 | 2000/03/10,17:25 | 25.9 | 128.6 | 32 | 4.2 | 2.60e15 | 74.18 | near Okinawajima island | 206 | 86 | 67 | 106 | 23 | 169 | -0.3642 | 0.2631 | -0.3458 | 0.2112 | 0.8466 | 0.1530 | AMM | | |
| 106 | 2000/03/11,11:12 | 44.5 | 148.9 | 41 | 4.2 | 2.02e15 | 79.88 | SE off Etorofu | 46 | 81 | 96 | 192 | 11 | 57 | -0.0435 | 0.2109 | 0.6798 | -0.2486 | -0.6479 | 0.2922 | NMR | | |
| 107 | 2000/03/11,20:27 | 28.6 | 130.5 | 5 | 4.7 | 1.40e16 | 73.90 | near Amami-Oshima island | 212 | 68 | 81 | 54 | 23 | 111 | -0.2935 | 0.3971 | -0.3423 | -0.3618 | 0.6345 | 0.6554 | AMM | | |
| 108 | 2000/03/11,23:22 | 33.6 | 134.3 | 56 | 3.6 | 2.91e14 | 65.09 | Tokushima pref | 201 | 60 | -115 | 65 | 38 | -53 | 0.3632 | -0.5115 | -0.0502 | 0.4249 | -0.5180 | -0.7881 | KIS | NAA | SBR |
| 109 | 2000/03/12,03:36 | 43.0 | 146.7 | 41 | 4.1 | 1.82e15 | 84.61 | off Nemuro peninsula | 219 | 55 | 75 | 65 | 38 | 110 | -0.5728 | 0.4950 | -0.0843 | -0.3332 | 0.3416 | 0.9060 | URH | | |
| 110 | 2000/03/12,11:00 | 33.8 | 140.1 | 80 | 3.7 | 4.19e14 | 63.14 | far S off Boso peninsula | 7 | 84 | -54 | 105 | 36 | -170 | -0.1330 | 0.5506 | -0.1544 | 0.2940 | 0.7783 | -0.1610 | JIZ | FUJ | |
| 111 | 2000/03/12,13:14 | 44.1 | 150.4 | 32 | 3.8 | 4.86e14 | 53.87 | SE off Etorofu | 281 | 77 | -147 | 183 | 58 | -15 | -0.1104 | 0.7837 | 0.5507 | 0.3000 | -0.1379 | -0.1896 | NMR | | |
| 112 | 2000/03/12,15:02 | 37.2 | 140.0 | 5 | 3.7 | 3.91e14 | 81.59 | mid Fukushima pref | 171 | 56 | 70 | 24 | 39 | 117 | 0.1334 | 0.1437 | 0.2115 | -0.9743 | 0.3172 | 0.8409 | SBT | SGN | FUJ |
| 113 | 2000/03/12,20:24 | 33.4 | 139.2 | 5 | 4.0 | 1.15e15 | 79.70 | near Hachijojima island | 321 | 66 | -91 | 143 | 24 | -88 | 0.3330 | 0.2539 | 0.4347 | 0.4678 | 0.5178 | -0.8008 | JIZ | FUJ | SGN |
| 114 | 2000/03/12,21:58 | 34.9 | 139.6 | 5 | 3.4 | 1.45e14 | 85.63 | Sagaminada | 107 | 90 | -133 | 17 | 43 | -0 | -0.3488 | 0.5825 | -0.6859 | 0.3697 | -0.2580 | -0.0210 | JIZ | FUJ | YMZ |
| 115 | 2000/03/14,02:28 | 25.7 | 128.7 | 77 | 4.9 | 2.95e16 | 68.17 | near Okinawajima island | 338 | 85 | -75 | 88 | 16 | -160 | 0.3037 | 0.1731 | 0.2747 | -0.0594 | 0.9127 | -0.2443 | AMM | | |
| 116 | 2000/03/18,02:08 | 34.4 | 134.8 | 11 | 3.7 | 4.23e14 | 94.02 | Awajishima island region | 293 | 87 | 28 | 201 | 62 | 177 | 0.6203 | -0.6281 | -0.4668 | -0.6153 | -0.0921 | -0.0051 | ABU | KIS | |
| 117 | 2000/03/19,03:49 | 37.2 | 138.7 | 8 | 4.5 | 5.40e15 | 89.61 | mid Niigata pref | 31 | 62 | 87 | 218 | 28 | 96 | -0.3002 | 0.3433 | 0.2707 | -0.5520 | -0.5030 | 0.8522 | ONS | YMZ | TTO |
| 118 | 2000/03/19,21:26 | 38.0 | 141.5 | 80 | 5.0 | 3.96e16 | 73.61 | SE off Miyagi pref | 187 | 51 | -110 | 38 | 44 | -67 | 0.1006 | -0.3632 | -0.2052 | 0.8279 | -0.2146 | -0.9285 | YMZ | SBT | GJM |
| 119 | 2000/03/21,08:55 | 40.7 | 142.7 | 35 | 3.8 | 6.54e14 | 75.66 | E off Aomori pref | 343 | 78 | 85 | 186 | 13 | 113 | -0.0506 | -0.0119 | -0.2894 | -0.3956 | -0.8602 | 0.4463 | TMR | GJM | URH |
| 120 | 2000/03/22,01:16 | 29.5 | 130.7 | 5 | 3.9 | 8.47e14 | 52.95 | near Amami-Oshima island | 60 | 63 | 135 | 175 | 51 | 36 | 0.1376 | 0.6528 | 0.3873 | -0.7345 | -0.0124 | 0.5969 | AMM | TKD | |
| 121 | 2000/03/22,22:03 | 43.6 | 147.4 | 47 | 4.2 | 1.92e15 | 74.61 | E off Hokkaido | 68 | 67 | 92 | 242 | 23 | 85 | -0.6075 | 0.3149 | 0.6546 | -0.0668 | -0.2583 | 0.6743 | NMR | URH | |
| 122 | 2000/03/24,05:37 | 42.3 | 139.0 | 5 | 4.3 | 3.10e15 | 87.28 | SW off Hokkaido | 21 | 68 | 123 | 141 | 39 | 37 | 0.3165 | -0.1621 | 0.3537 | -0.8919 | -0.4886 | 0.5753 | HSS | | |
| 123 | 2000/03/24,11:12 | 35.9 | 138.7 | 8 | 3.5 | 2.14e14 | 77.15 | eastern Nagano pref | 272 | 57 | 117 | 49 | 42 | 55 | -0.8243 | 0.3438 | -0.3505 | -0.0018 | -0.2877 | 0.8261 | TTO | FUJ | |
| 124 | 2000/03/24,14:00 | 35.9 | 136.7 | 8 | 4.1 | 1.69e15 | 95.19 | Fukui Gifu border region | 32 | 60 | 111 | 174 | 36 | 58 | 0.0415 | 0.2151 | 0.4076 | -0.8569 | -0.3011 | 0.8154 | NAA | TTO | ABU |
| 125 | 2000/03/25,13:02 | 37.3 | 138.5 | 5 | 4.0 | 1.16e15 | 87.53 | mid Niigata pref | 328 | 50 | 59 | 191 | 49 | 121 | 0.1374 | -0.2207 | -0.3374 | -0.9728 | 0.0461 | 0.8354 | TTO | SGN | FUJ |
| 126 | 2000/03/25,16:10 | 38.0 | 141.5 | 80 | 4.2 | 2.44e15 | 82.12 | SE off Miyagi pref | 182 | 50 | -89 | 1 | 40 | -91 | -0.0225 | -0.0286 | 0.0189 | 0.9963 | -0.1711 | -0.9738 | KSN | | |
| 127 | 2000/03/28,20:26 | 30.5 | 131.0 | 11 | 4.3 | 3.39e15 | 56.59 | near Tanegashima island | 158 | 67 | -32 | 262 | 61 | -154 | 0.6209 | 0.7164 | 0.1258 | -0.2085 | -0.4174 | -0.4124 | AMM | | |
| 128 | 2000/03/29,06:56 | 34.7 | 137.3 | 35 | 3.8 | 5.96e14 | 86.55 | Mikawa bay region | 140 | 48 | -85 | 312 | 43 | -96 | 0.4340 | 0.6401 | -0.0246 | 0.4660 | -0.0959 | -0.9000 | NAA | TTO | SGN |
| 129 | 2000/03/29,08:22 | 42.5 | 140.8 | 11 | 4.2 | 2.13e15 | 71.00 | Iburi region | 183 | 88 | -127 | 90 | 37 | -4 | -0.0165 | -0.6184 | 0.1392 | 0.0851 | -0.7822 | -0.0686 | HSS | | |
| 130 | 2000/03/29,10:40 | 42.5 | 140.8 | 5 | 3.7 | 3.90e14 | 55.98 | Iburi region | 49 | 70 | 91 | 225 | 20 | 87 | -0.3516 | 0.3176 | 0.5750 | -0.3071 | -0.4928 | 0.6586 | HSS | TMR | |
| 131 | 2000/03/29,11:01 | 42.5 | 140.8 | 5 | 3.9 | 8.58e14 | 79.34 | Iburi region | 24 | 65 | 76 | 233 | 29 | 116 | -0.3266 | 0.3743 | 0.1372 | -0.4608 | -0.6129 | 0.7875 | HSS | TMR | |
| 132 | 2000/03/29,11:58 | 42.6 | 140.9 | 5 | 3.5 | 2.22e14 | 52.42 | Iburi region | 32 | 56 | 87 | 217 | 34 | 94 | -0.2958 | 0.4376 | 0.1821 | -0.6223 | -0.3352 | 0.9181 | HSS | TMR | |
| 133 | 2000/03/29,12:23 | 42.5 | 140.9 | 5 | 3.8 | 5.74e14 | 86.82 | Iburi region | 220 | 55 | 92 | 37 | 35 | 88 | -0.3780 | 0.4188 | -0.2385 | -0.5819 | 0.2600 | 0.9599 | HSS | | |
| 134 | 2000/03/29,13:47 | 44.9 | 148.5 | 130 | 4.5 | 7.04e15 | 65.64 | near Etorofu island | 96 | 69 | 129 | 211 | 44 | 32 | -0.6142 | 0.4960 | 0.5519 | 0.0850 | 0.3506 | 0.5293 | NMR | | |
| 135 | 2000/03/29,14:12 | 42.5 | 140.8 | 5 | 3.9 | 7.63e14 | 83.06 | Iburi region | 259 | 62 | 104 | 51 | 31 | 65 | -0.6578 | 0.3110 | -0.5698 | -0.1810 | -0.0429 | 0.8388 | HSS | TMR | |
| 136 | 2000/03/29,16:12 | 42.5 | 140.8 | 5 | 3.9 | 6.73e14 | 71.36 | Iburi region | 245 | 56 | 107 | 35 | 37 | 66 | -0.5255 | 0.4171 | -0.4323 | -0.4028 | -0.0297 | 0.9283 | HSS | URH | |
| 137 | 2000/03/29,17:54 | 42.5 | 140.8 | 11 | 4.1 | 1.47e15 | 67.20 | Iburi region | 6 | 62 | 113 | 144 | 36 | 54 | -0.0986 | -0.2332 | 0.3336 | -0.7386 | -0.4920 | 0.8372 | HSS | URH | |
| 138 | 2000/03/29,18:20 | 42.5 | 140.8 | 5 | 4.2 | 2.26e15 | 58.02 | Iburi region | 31 | 63 | 82 | 229 | 28 | 106 | -0.3321 | 0.4019 | 0.2419 | -0.4703 | -0.5405 | 0.8024 | HSS | TMR | URH |
| 139 | 2000/03/29,20:16 | 42.5 | 140.8 | 5 | 3.6 | 3.01e14 | 52.40 | Iburi region | 238 | 52 | 107 | 31 | 41 | 69 | -0.4821 | 0.3824 | -0.3470 | -0.5231 | -0.0786 | 1.0052 | HSS | URH | |
| 140 | 2000/03/29,20:21 | 42.5 | 140.8 | 5 | 4.2 | 2.10e15 | 82.76 | Iburi region | 9 | 58 | 85 | 199 | 33 | 98 | -0.1762 | 0.1701 | 0.0062 | -0.7906 | -0.4325 | 0.9668 | HSS | URH | |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 141 | 2000/03/29,21:23 | 42.5 | 140.8 | 5 | 3.8 | 5.76e14 | 83.00 | Iburi region | 235 | 55 | 97 | 44 | 36 | 80 | -0.5440 | 0.4656 | -0.3128 | -0.3955 | 0.1297 | 0.9395 | HSS | URH | |
| 142 | 2000/03/30,00:12 | 42.5 | 140.8 | 5 | 4.5 | 7.32e15 | 74.83 | Iburi region | 26 | 53 | 88 | 210 | 37 | 93 | -0.2573 | 0.3564 | 0.1080 | -0.7341 | -0.2680 | 0.9915 | HSS | TMR | URH |
| 143 | 2000/03/30,01:09 | 42.5 | 140.9 | 5 | 4.1 | 1.39e15 | 83.87 | Iburi region | 211 | 54 | 88 | 34 | 36 | 93 | -0.2833 | 0.4267 | -0.1424 | -0.6714 | 0.2745 | 0.9547 | HSS | | |
| 144 | 2000/03/30,07:06 | 43.3 | 146.6 | 44 | 5.1 | 5.93e16 | 77.74 | off Nemuro peninsula | 360 | 83 | -35 | 95 | 55 | -172 | 0.0036 | 0.8397 | 0.1384 | 0.2904 | 0.5230 | -0.2941 | URH | KMU | |
| 145 | 2000/03/30,08:13 | 42.5 | 140.8 | 5 | 4.3 | 3.48e15 | 74.96 | Iburi region | 313 | 67 | 105 | 98 | 27 | 58 | -0.6134 | -0.4726 | -0.4660 | 0.0061 | -0.4701 | 0.6073 | HSS | GJM | |
| 146 | 2000/03/30,09:17 | 42.6 | 140.8 | 8 | 3.9 | 9.32e14 | 82.20 | Iburi region | 192 | 46 | 83 | 22 | 44 | 98 | -0.0923 | 0.2731 | 0.0791 | -0.9075 | 0.0610 | 0.9998 | HSS | | |
| 147 | 2000/03/30,09:23 | 42.5 | 140.8 | 5 | 3.9 | 8.98e14 | 77.15 | Iburi region | 22 | 55 | 88 | 206 | 35 | 93 | -0.2032 | 0.3128 | 0.1150 | -0.7642 | -0.3336 | 0.9675 | HSS | | |
| 148 | 2000/03/30,09:51 | 42.5 | 140.8 | 5 | 4.3 | 3.05e15 | 87.83 | Iburi region | 222 | 52 | 89 | 45 | 38 | 92 | -0.4421 | 0.5265 | -0.1558 | -0.4993 | 0.1924 | 0.9414 | HSS | URH | |
| 149 | 2000/03/30,10:30 | 42.5 | 140.8 | 11 | 3.8 | 5.22e14 | 90.65 | Iburi region | 357 | 85 | 137 | 92 | 47 | 7 | -0.0829 | -0.7348 | 0.0231 | -0.0458 | -0.6688 | 0.1288 | HSS | | |
| 150 | 2000/03/30,11:28 | 42.5 | 140.8 | 11 | 3.3 | 1.07e14 | 74.04 | Iburi region | 357 | 80 | 139 | 95 | 50 | 13 | -0.0392 | -0.7894 | -0.0850 | -0.2576 | -0.5782 | 0.2968 | HSS | | |
| 151 | 2000/03/30,11:36 | 42.5 | 140.8 | 5 | 3.7 | 4.19e14 | 83.62 | Iburi region | 78 | 49 | 69 | 288 | 45 | 112 | -0.9122 | -0.0530 | 0.0866 | -0.0781 | -0.3187 | 0.9903 | HSS | | |
| 152 | 2000/03/30,13:01 | 42.5 | 140.8 | 11 | 3.5 | 2.36e14 | 84.96 | Iburi region | 359 | 82 | 140 | 96 | 51 | 10 | -0.0003 | -0.7789 | -0.0207 | -0.2302 | -0.5974 | 0.2305 | HSS | | |
| 153 | 2000/03/30,13:38 | 42.5 | 140.8 | 14 | 3.5 | 1.68e14 | 91.77 | Iburi region | 249 | 81 | -169 | 157 | 79 | -10 | 0.6014 | 0.6831 | 0.1404 | -0.7465 | -0.2987 | 0.1451 | HSS | | |
| 154 | 2000/03/30,15:01 | 42.5 | 140.8 | 11 | 3.6 | 3.30e14 | 86.20 | Iburi region | 5 | 75 | 121 | 118 | 34 | 27 | 0.0685 | -0.4565 | 0.2062 | -0.4974 | -0.7303 | 0.4288 | HSS | | |
| 155 | 2000/03/30,16:09 | 42.5 | 140.8 | 5 | 3.8 | 5.55e14 | 67.64 | Iburi region | 26 | 61 | 90 | 205 | 29 | 90 | -0.1618 | 0.3295 | 0.2275 | -0.6941 | -0.4693 | 0.8559 | HSS | | |
| 156 | 2000/03/30,16:18 | 42.5 | 140.8 | 17 | 3.5 | 2.01e14 | 88.86 | Iburi region | 182 | 89 | 15 | 92 | 76 | 179 | -0.1194 | 0.9651 | -0.0285 | 0.0190 | 0.2464 | 0.1004 | HSS | | |
| 157 | 2000/03/30,21:48 | 42.5 | 140.8 | 5 | 3.7 | 3.90e14 | 86.64 | Iburi region | 25 | 65 | 92 | 201 | 25 | 86 | -0.1072 | 0.2847 | 0.2884 | -0.6498 | -0.5768 | 0.7571 | HSS | | |
| 158 | 2000/03/30,22:00 | 42.5 | 140.8 | 5 | 3.9 | 8.20e14 | 78.24 | Iburi region | 26 | 61 | 93 | 199 | 30 | 84 | -0.1641 | 0.2686 | 0.2557 | -0.7178 | -0.4537 | 0.8820 | HSS | | |
| 159 | 2000/03/31,09:31 | 43.1 | 145.8 | 38 | 3.8 | 5.49e14 | 88.75 | off Nemuro peninsula | 236 | 64 | 87 | 63 | 26 | 96 | -0.5898 | 0.3475 | -0.5018 | -0.1919 | 0.3599 | 0.7817 | URH | | |
| 160 | 2000/03/31,14:31 | 36.4 | 141.0 | 44 | 4.2 | 2.61e15 | 91.81 | E off Ibaraki pref | 13 | 59 | 98 | 178 | 32 | 77 | -0.0122 | 0.0876 | 0.1798 | -0.8745 | -0.4287 | 0.8868 | YMZ | ONS | SGN |
| 161 | 2000/03/31,18:12 | 42.5 | 140.8 | 5 | 4.9 | 2.15e16 | 83.31 | Iburi region | 233 | 48 | 95 | 46 | 42 | 85 | -0.5690 | 0.5408 | -0.1212 | -0.3857 | 0.0324 | 0.9548 | HSS | TMR | URH |
| 162 | 2000/03/31,22:27 | 36.4 | 141.2 | 38 | 4.3 | 2.77e15 | 92.72 | E off Ibaraki pref | 27 | 72 | 93 | 198 | 18 | 82 | -0.0421 | 0.2514 | 0.3808 | -0.5142 | -0.7127 | 0.5563 | YMZ | ONS | SGN |
| 163 | 2000/04/01,21:03 | 39.2 | 143.9 | 8 | 4.2 | 2.27e15 | 69.16 | far E off Sanriku | 32 | 56 | 101 | 193 | 35 | 75 | -0.0399 | 0.4005 | 0.2608 | -0.8210 | -0.2758 | 0.8609 | KSN | GJM | |
| 164 | 2000/04/02,03:35 | 36.4 | 141.0 | 47 | 3.9 | 8.12e14 | 60.94 | E off Ibaraki pref | 23 | 63 | 100 | 183 | 29 | 72 | -0.0887 | 0.1487 | 0.3141 | -0.7586 | -0.4843 | 0.8473 | YMZ | SGN | |
| 165 | 2000/04/02,12:25 | 32.5 | 131.2 | 145 | 4.8 | 1.98e16 | 92.28 | northern Miyazaki pref | 336 | 58 | 78 | 177 | 34 | 108 | -0.0392 | -0.2007 | -0.2823 | -0.8483 | -0.3528 | 0.8875 | SBR | FUK | ISI |
| 166 | 2000/04/03,15:13 | 41.6 | 142.0 | 26 | 3.3 | 1.11e14 | 54.85 | E off Aomori pref | 71 | 57 | 45 | 313 | 54 | 138 | -1.0090 | -0.3087 | 0.1289 | 0.3665 | -0.3423 | 0.6425 | TMR | HSS | |
| 167 | 2000/04/04,14:04 | 43.3 | 144.1 | 8 | 3.6 | 2.40e14 | 70.95 | Kushiro region | 224 | 60 | 95 | 34 | 31 | 81 | -0.2966 | 0.5392 | -0.3654 | -0.4949 | 0.3325 | 0.7915 | URH | HSS | |
| 168 | 2000/04/06,01:14 | 36.4 | 141.0 | 44 | 4.3 | 2.76e15 | 82.21 | E off Ibaraki pref | 4 | 54 | 82 | 198 | 37 | 101 | -0.1242 | 0.1501 | -0.0859 | -0.8701 | -0.3110 | 0.9943 | YMZ | SGN | TTO |
| 169 | 2000/04/06,15:40 | 37.5 | 136.2 | 8 | 3.6 | 3.28e14 | 66.53 | off Noto peninsula | 355 | 70 | 50 | 243 | 44 | 150 | 0.0852 | 0.5496 | -0.2892 | -0.5863 | -0.5611 | 0.5012 | TTO | SBT | FUJ |
| 170 | 2000/04/06,16:21 | 41.9 | 142.3 | 56 | 3.8 | 5.56e14 | 76.69 | S off Urakawa | 22 | 66 | 94 | 193 | 24 | 81 | -0.1117 | 0.1851 | 0.2884 | -0.6482 | -0.6160 | 0.7599 | HSS | URH | |
| 171 | 2000/04/07,06:54 | 37.0 | 138.4 | 8 | 4.2 | 2.22e15 | 76.68 | SW Niigata pref | 22 | 51 | 61 | 243 | 48 | 121 | -0.3680 | 0.5818 | -0.2167 | -0.4822 | -0.2626 | 0.8502 | ONS | TTO | SGN |
| 172 | 2000/04/07,08:49 | 37.0 | 138.4 | 11 | 3.5 | 1.86e14 | 75.52 | SW Niigata pref | 28 | 51 | 64 | 246 | 46 | 119 | -0.4642 | 0.5999 | -0.1424 | -0.3918 | -0.2663 | 0.8560 | ONS | TTO | SGN |
| 173 | 2000/04/09,11:45 | 28.1 | 128.0 | 104 | 4.4 | 4.88e15 | 79.35 | NW off Okinawajima is | 79 | 83 | 128 | 178 | 38 | 12 | -0.0016 | 0.6221 | 0.7487 | -0.2011 | -0.1378 | 0.2027 | AMM | | |
| 174 | 2000/04/09,16:53 | 43.4 | 139.6 | 195 | 4.4 | 3.80e15 | 75.98 | NW off Shakotan pen | 233 | 86 | 64 | 135 | 26 | 171 | -0.5232 | 0.0435 | -0.7527 | 0.4313 | 0.4689 | 0.0919 | HSS | URH | GJM |
| 175 | 2000/04/09,20:30 | 36.4 | 141.2 | 35 | 3.8 | 5.86e14 | 90.83 | E off Ibaraki pref | 16 | 75 | 86 | 210 | 15 | 104 | -0.0376 | 0.1967 | 0.2295 | -0.4310 | -0.8401 | 0.4686 | YMZ | ONS | SGN |
| 176 | 2000/04/09,21:08 | 34.7 | 140.6 | 50 | 4.7 | 1.06e16 | 92.89 | SE off Boso peninsula | 21 | 74 | 91 | 197 | 16 | 86 | 0.0356 | 0.2182 | 0.3040 | -0.5143 | -0.7928 | 0.4787 | JIZ | SGN | ONS |
| 177 | 2000/04/09,21:30 | 36.2 | 140.1 | 53 | 4.7 | 1.26e16 | 91.56 | SW Ibaraki pref | 49 | 69 | 80 | 255 | 23 | 115 | -0.5319 | 0.2910 | 0.5171 | -0.1268 | -0.5368 | 0.6588 | YMZ | ONS | FUJ |
| 178 | 2000/04/11,02:31 | 33.8 | 135.0 | 8 | 3.8 | 5.98e14 | 83.76 | S Part of Kii channel | 144 | 73 | 43 | 38 | 49 | 157 | 0.5064 | 0.0560 | 0.5989 | -0.8585 | 0.3052 | 0.3522 | KIS | ABU | |
| 179 | 2000/04/11,09:47 | 37.4 | 136.7 | 11 | 3.7 | 4.08e14 | 85.24 | off Noto peninsula | 2 | 87 | 38 | 270 | 53 | 176 | -0.0516 | 0.7975 | 0.0269 | -0.0480 | -0.6011 | 0.0996 | TTO | FUJ | |
| 180 | 2000/04/11,15:08 | 41.4 | 139.9 | 8 | 4.1 | 1.62e15 | 79.48 | SW off Hokkaido | 20 | 47 | 95 | 192 | 43 | 85 | -0.0664 | 0.2654 | 0.0813 | -0.9257 | -0.0481 | 0.9921 | TMR | GJM | HSS |
| 181 | 2000/04/11,18:05 | 35.6 | 140.7 | 50 | 4.7 | 1.25e16 | 81.92 | near Choshi city | 354 | 62 | 85 | 184 | 29 | 99 | -0.2557 | 0.0126 | -0.1313 | -0.7111 | -0.5339 | 0.9668 | YMZ | SGN | ONS |
| 182 | 2000/04/11,19:36 | 35.6 | 140.7 | 50 | 4.4 | 5.05e15 | 88.92 | near Choshi city | 356 | 75 | 86 | 189 | 15 | 103 | -0.1215 | 0.0346 | -0.0901 | -0.4370 | -0.8623 | 0.5586 | YMZ | SGN | ONS |
| 183 | 2000/04/12,21:51 | 40.1 | 142.4 | 50 | 4.9 | 2.34e16 | 79.90 | NE off Iwate pref | 21 | 73 | 89 | 205 | 17 | 94 | -0.0907 | 0.2022 | 0.2944 | -0.4720 | -0.7733 | 0.5627 | TMR | KSN | GJM |
| 184 | 2000/04/12,23:31 | 40.1 | 142.5 | 32 | 3.8 | 5.20e14 | 77.81 | NE off Iwate pref | 15 | 77 | 89 | 199 | 13 | 94 | -0.1519 | 0.0733 | 0.2257 | -0.3485 | -0.8721 | 0.5004 | KSN | GJM | |
| 185 | 2000/04/13,02:07 | 33.6 | 131.9 | 77 | 3.8 | 5.79e14 | 77.29 | Iyonada Setonaikai | 187 | 77 | -101 | 48 | 17 | -50 | 0.1630 | -0.2089 | 0.0267 | 0.3236 | -0.8850 | -0.4866 | TKD | SBR | |
| 186 | 2000/04/14,05:26 | 39.3 | 144.4 | 5 | 3.5 | 2.33e14 | 57.61 | far E off north Honshu | 252 | 46 | -96 | 81 | 45 | -84 | 0.9022 | -0.1960 | 0.0009 | 0.1387 | -0.0933 | -1.0409 | TMR | GJM | |
| 187 | 2000/04/14,12:53 | 34.2 | 139.2 | 5 | 4.4 | 4.34e15 | 87.27 | near Niijima island | 347 | 66 | -112 | 213 | 32 | -49 | -0.1557 | -0.1640 | 0.2637 | 0.8280 | 0.5709 | -0.6722 | JIZ | FUJ | SGN |
| 188 | 2000/04/14,13:04 | 34.2 | 139.2 | 5 | 3.9 | 8.95e14 | 86.79 | near Niijima island | 1 | 52 | -110 | 211 | 42 | -66 | -0.0059 | -0.2913 | 0.1927 | 0.9089 | 0.2408 | -0.9029 | JIZ | FUJ | SGN |
| 189 | 2000/04/14,17:41 | 33.6 | 135.4 | 38 | 4.9 | 2.45e16 | 87.53 | southern Wakayama pref | 334 | 55 | -70 | 122 | 40 | -116 | 0.3682 | 0.5580 | -0.0311 | 0.4971 | 0.3536 | -0.8653 | KIS | ISI | ABU |
| 190 | 2000/04/14,20:26 | 36.3 | 140.0 | 59 | 3.8 | 5.80e14 | 81.41 | SW Ibaraki pref | 53 | 76 | 75 | 281 | 21 | 137 | -0.5249 | 0.0954 | 0.6200 | 0.0377 | -0.5947 | 0.4873 | YMZ | ONS | FUJ |
| 191 | 2000/04/14,21:39 | 38.5 | 143.5 | 11 | 4.5 | 6.42e15 | 83.27 | far E off Miyagi pref | 38 | 64 | 105 | 186 | 30 | 62 | 0.0258 | 0.4048 | 0.4099 | -0.7201 | -0.4321 | 0.6944 | KSN | GJM | YMZ |
| 192 | 2000/04/15,06:27 | 42.9 | 146.8 | 32 | 4.4 | 5.14e15 | 85.56 | off Nemuro peninsula | 50 | 69 | 114 | 179 | 31 | 43 | -0.0198 | 0.2633 | 0.6868 | -0.6292 | -0.2679 | 0.6490 | NMR | URH | |
| 193 | 2000/04/16,05:28 | 43.2 | 147.9 | 11 | 4.2 | 2.23e15 | 83.81 | E off Hokkaido | 71 | 62 | -84 | 239 | 29 | -101 | 0.6840 | -0.3192 | -0.5384 | 0.1524 | 0.1266 | -0.8363 | URH | | |
| 194 | 2000/04/17,05:23 | 35.9 | 137.8 | 20 | 3.4 | 1.27e14 | 59.47 | central Nagano pref | 332 | 81 | 43 | 233 | 47 | 167 | 0.5565 | 0.2874 | -0.3797 | -0.7909 | -0.5231 | 0.2344 | ONS | ABU | |
| 195 | 2000/04/18,03:25 | 41.5 | 139.2 | 230 | 4.3 | 3.52e15 | 91.07 | SW off Hokkaido | 134 | 82 | -61 | 238 | 30 | -164 | 0.6099 | 0.0732 | -0.5282 | -0.3568 | -0.6601 | -0.2531 | HSS | | |
| 196 | 2000/04/19,03:44 | 28.5 | 130.0 | 32 | 4.4 | 4.39e15 | 94.35 | near Amami-Oshima island | 267 | 87 | -100 | 162 | 11 | -16 | 0.0902 | 0.1766 | 0.9764 | 0.0327 | -0.0750 | -0.1229 | AMM | | |
| 197 | 2000/04/19,04:00 | 42.1 | 142.7 | 32 | 3.8 | 5.10e14 | 79.37 | S off Urakawa | 151 | 56 | 91 | 329 | 34 | 88 | -0.3060 | -0.3217 | 0.1718 | -0.6785 | 0.3435 | 0.9845 | URH | HSS | |
| 198 | 2000/04/20,18:09 | 42.9 | 145.5 | 44 | 3.7 | 4.37e14 | 93.42 | off Nemuro peninsula | 26 | 63 | 76 | 236 | 30 | 117 | -0.3834 | 0.3686 | 0.1232 | -0.4387 | -0.5927 | 0.8221 | URH | | |
| 199 | 2000/04/20,21:31 | 36.7 | 141.4 | 41 | 3.6 | 2.93e14 | 79.79 | E off Ibaraki pref | 190 | 90 | -92 | 88 | 2 | -12 | 0.0561 | -0.0301 | 0.1679 | -0.0175 | -0.9859 | -0.0387 | YMZ | ONS | |
| 200 | 2000/04/21,10:12 | 35.4 | 140.5 | 23 | 3.5 | 1.86e14 | 64.99 | Kujukuri coast Boso pen | 69 | 73 | 95 | 233 | 18 | 75 | -0.4458 | 0.2639 | 0.7727 | -0.1111 | -0.2777 | 0.5570 | JIZ | ONS | FUJ |
| 201 | 2000/04/21,11:07 | 35.7 | 135.7 | 360 | 5.5 | 1.69e17 | 95.41 | E Part of Wakasa bay | 241 | 57 | -90 | 60 | 33 | -91 | 0.7137 | -0.4716 | 0.3471 | 0.1447 | -0.1892 | -0.8583 | NAA | KIS | ISI |
| 202 | 2000/04/22,12:55 | 34.1 | 134.4 | 8 | 3.2 | 6.99e13 | 65.26 | Tokushima pref | 61 | 71 | 154 | 160 | 66 | 21 | 0.5159 | 0.5622 | 0.4262 | -0.8016 | 0.0827 | 0.2858 | ABU | KIS | NAA |
| 203 | 2000/04/22,15:01 | 42.6 | 144.2 | 53 | 3.7 | 3.60e14 | 65.32 | SE off Tokachi | 301 | 89 | -81 | 40 | 9 | -171 | 0.1790 | -0.0485 | 0.8420 | -0.1327 | 0.5102 | -0.0464 | URH | HSS | |
| 204 | 2000/04/22,15:19 | 37.0 | 139.4 | 5 | 3.3 | 1.11e14 | 79.01 | western Fukushima pref | 56 | 73 | 107 | 191 | 24 | 47 | -0.1207 | 0.3744 | 0.6935 | -0.4138 | -0.3679 | 0.5345 | YMZ | KZK | |
| 205 | 2000/04/23,17:42 | 36.4 | 141.2 | 35 | 4.4 | 4.49e15 | 73.59 | E off Ibaraki pref | 34 | 71 | 92 | 210 | 19 | 86 | -0.2031 | 0.2248 | 0.4579 | -0.4316 | -0.6528 | 0.6346 | YMZ | ONS | KZK |
| 206 | 2000/04/25,15:28 | 40.2 | 143.4 | 26 | 5.1 | 4.68e16 | 72.68 | far E off Sanriku | 24 | 55 | 93 | 199 | 35 | 85 | -0.0970 | 0.3386 | 0.1655 | -0.8262 | -0.2960 | 0.9233 | TMR | KSN | GJM |
| 207 | 2000/04/25,19:48 | 37.6 | 140.0 | 8 | 4.4 | 4.30e15 | 94.44 | western Fukushima pref | 46 | 47 | 101 | 210 | 44 | 78 | -0.3446 | 0.5320 | 0.1308 | -0.6094 | 0.0479 | 0.9541 | SBT | YMZ | KZK |
| 208 | 2000/04/25,20:09 | 37.6 | 140.0 | 8 | 3.8 | 4.78e14 | 92.40 | western Fukushima pref | 45 | 55 | 110 | 193 | 40 | 65 | -0.1305 | 0.4919 | 0.3303 | -0.7298 | -0.1017 | 0.8603 | SBT | YMZ | KZK |
| 209 | 2000/04/26,03:56 | 36.1 | 142.0 | 14 | 3.9 | 7.29e14 | 65.31 | far E off Ibaraki pref | 14 | 60 | 83 | 207 | 31 | 101 | -0.1833 | 0.2449 | 0.0425 | -0.7316 | -0.4925 | 0.9150 | YMZ | ONS | |
| 210 | 2000/04/26,12:48 | 40.2 | 143.5 | 26 | 5.4 | 1.23e17 | 78.59 | far E off Sanriku | 20 | 56 | 96 | 189 | 35 | 80 | -0.0195 | 0.2416 | 0.1835 | -0.8826 | -0.3289 | 0.9021 | TMR | KSN | GJM |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 211 | 2000/04/26,12:55 | 40.2 | 143.5 | 23 | 5.4 | 1.38e17 | 83.51 | far E off Sanriku | 28 | 62 | 100 | 187 | 29 | 72 | -0.0161 | 0.2691 | 0.3221 | -0.7757 | -0.4662 | 0.7918 | TMR | KSN | GJM |
| 212 | 2000/04/26,13:16 | 40.2 | 143.5 | 26 | 4.3 | 2.83e15 | 65.28 | far E off Sanriku | 33 | 60 | 100 | 193 | 31 | 72 | -0.1192 | 0.3197 | 0.3532 | -0.7302 | -0.3679 | 0.8494 | TMR | KSN | |
| 213 | 2000/04/26,18:46 | 36.1 | 142.0 | 11 | 3.8 | 6.19e14 | 80.82 | far E off Ibaraki pref | 17 | 66 | 78 | 225 | 26 | 115 | -0.0899 | 0.4189 | 0.1459 | -0.5808 | -0.6432 | 0.6708 | ONS | KSN | TTO |
| 214 | 2000/04/27,05:38 | 42.2 | 141.0 | 110 | 4.5 | 6.44e15 | 85.34 | S off Tomakomai | 199 | 86 | 93 | 341 | 5 | 52 | 0.0333 | 0.0082 | -0.3305 | -0.1629 | 0.9318 | 0.1296 | HSS | URH | |
| 215 | 2000/04/28,02:42 | 33.9 | 135.7 | 47 | 4.3 | 3.02e15 | 95.88 | southern Nara pref | 185 | 78 | -36 | 284 | 55 | -165 | -0.1431 | 0.7525 | 0.2170 | 0.3861 | -0.5248 | -0.2430 | ABU | ISI | NAA |
| 216 | 2000/04/29,09:35 | 33.3 | 131.5 | 8 | 4.3 | 3.49e15 | 92.59 | northern Oita pref | 245 | 56 | -113 | 102 | 40 | -60 | 0.9692 | -0.1345 | 0.2176 | -0.1269 | -0.3242 | -0.8423 | TKD | SBR | FUK |
| 217 | 2000/04/29,11:30 | 36.1 | 140.1 | 71 | 4.0 | 9.75e14 | 90.83 | southern Ibaraki pref | 4 | 68 | 93 | 177 | 22 | 83 | -0.0314 | 0.0005 | 0.0666 | -0.6859 | -0.7095 | 0.7173 | YMZ | ONS | SGN |
| 218 | 2000/04/30,00:19 | 33.3 | 132.1 | 47 | 3.7 | 3.87e14 | 74.14 | Bungo channel | 164 | 66 | -71 | 305 | 30 | -126 | 0.2279 | 0.4144 | -0.0330 | 0.4905 | -0.6510 | -0.7184 | TKD | SBR | FUK |
| 219 | 2000/04/30,06:33 | 33.7 | 139.4 | 14 | 3.9 | 8.50e14 | 82.00 | near Miyakejima island | 54 | 82 | -15 | 146 | 75 | -171 | -0.8617 | -0.3154 | -0.2734 | 0.9478 | 0.0358 | -0.0861 | JIZ | FUJ | SGN |
| 220 | 2000/04/30,12:40 | 40.4 | 143.9 | 11 | 5.3 | 1.03e17 | 74.15 | far E off Sanriku | 42 | 76 | 122 | 154 | 35 | 26 | 0.3581 | 0.2034 | 0.5304 | -0.7522 | -0.5072 | 0.3940 | KSN | GJM | |
| 221 | 2000/04/30,13:03 | 40.4 | 143.9 | 14 | 4.5 | 5.60e15 | 74.19 | far E off Sanriku | 36 | 61 | 111 | 177 | 35 | 57 | 0.2706 | 0.4818 | 0.2689 | -0.9185 | -0.3817 | 0.6480 | TMR | KSN | |
| 222 | 2000/04/30,18:58 | 33.3 | 142.0 | 5 | 4.0 | 9.97e14 | 65.97 | far E off Izu Islands | 150 | 89 | -53 | 242 | 37 | -178 | 0.5286 | 0.3341 | -0.3952 | -0.4906 | -0.6872 | -0.0380 | JIZ | SGN | FUJ |
| 223 | 2000/04/30,19:44 | 41.7 | 142.2 | 53 | 3.9 | 8.13e14 | 87.94 | E off Aomori pref | 284 | 66 | -96 | 118 | 24 | -77 | 0.5786 | 0.1832 | 0.6700 | 0.2371 | 0.1038 | -0.8158 | TMR | URH | |
| 224 | 2000/04/30,20:53 | 39.7 | 142.6 | 32 | 4.2 | 2.18e15 | 91.02 | E off Iwate pref | 233 | 62 | -109 | 90 | 33 | -58 | 0.7577 | -0.2533 | 0.3169 | 0.0491 | -0.4778 | -0.8068 | KSN | TMR | GJM |
| 225 | 2000/05/01,06:09 | 42.5 | 142.5 | 47 | 3.7 | 3.85e14 | 91.15 | Hidaka region | 231 | 85 | 87 | 80 | 6 | 120 | -0.1585 | 0.0367 | -0.7546 | -0.0429 | 0.6294 | 0.2013 | URH | HSS | |
| 226 | 2000/05/01,20:45 | 40.2 | 143.5 | 20 | 5.0 | 3.97e16 | 89.92 | far E off Sanriku | 35 | 67 | 106 | 179 | 27 | 57 | 0.0756 | 0.2961 | 0.4368 | -0.7164 | -0.5161 | 0.6409 | TMR | KSN | GJM |
| 227 | 2000/05/01,21:06 | 40.2 | 143.5 | 20 | 4.8 | 2.03e16 | 89.40 | far E off Sanriku | 36 | 64 | 108 | 180 | 31 | 58 | 0.0362 | 0.3084 | 0.4268 | -0.7678 | -0.3984 | 0.7316 | TMR | KSN | GJM |
| 228 | 2000/05/02,05:25 | 40.3 | 143.4 | 17 | 4.8 | 1.64e16 | 76.66 | far E off Sanriku | 27 | 68 | 101 | 180 | 25 | 65 | 0.1350 | 0.2733 | 0.3404 | -0.7398 | -0.6101 | 0.6047 | TMR | KSN | GJM |
| 229 | 2000/05/02,06:25 | 36.2 | 141.9 | 17 | 3.9 | 7.61e14 | 72.07 | far E off Ibaraki pref | 54 | 76 | 120 | 168 | 33 | 27 | 0.1765 | 0.2988 | 0.7289 | -0.6051 | -0.3082 | 0.4286 | YMZ | ONS | FUJ |
| 230 | 2000/05/02,14:33 | 35.3 | 139.1 | 20 | 3.9 | 6.80e14 | 93.42 | Hakone region | 37 | 77 | 105 | 168 | 20 | 43 | 0.0649 | 0.1183 | 0.5724 | -0.5174 | -0.6498 | 0.4525 | FUJ | ONS | TTO |
| 231 | 2000/05/02,14:54 | 46.0 | 143.0 | 360 | 4.5 | 6.47e15 | 88.58 | south Sakhalin | 163 | 79 | 36 | 65 | 55 | 167 | 0.4430 | 0.5908 | 0.1096 | -0.7857 | 0.4811 | 0.3427 | URH | NMR | HSS |
| 232 | 2000/05/03,19:38 | 42.9 | 145.6 | 35 | 3.7 | 3.35e14 | 86.83 | off Nemuro peninsula | 53 | 84 | 117 | 155 | 28 | 14 | 0.3182 | 0.1866 | 0.7363 | -0.5241 | -0.4640 | 0.2059 | URH | | |
| 233 | 2000/05/04,02:02 | 33.7 | 132.4 | 50 | 3.9 | 7.07e14 | 89.41 | Iyonada Setonaikai | 350 | 90 | 82 | 260 | 8 | 179 | 0.1574 | 0.0956 | -0.1441 | -0.1028 | -0.9809 | -0.0546 | TKD | SBR | |
| 234 | 2000/05/04,16:21 | 43.4 | 146.4 | 80 | 4.0 | 1.02e15 | 77.76 | near Kunashiri island | 125 | 76 | 160 | 220 | 71 | 15 | -0.9472 | 0.2276 | 0.1065 | 0.8126 | 0.3791 | 0.1346 | URH | | |
| 235 | 2000/05/05,07:08 | 40.2 | 143.4 | 17 | 3.7 | 4.05e14 | 67.53 | far E off Sanriku | 34 | 76 | 110 | 157 | 24 | 36 | 0.1601 | 0.0581 | 0.5391 | -0.6013 | -0.6444 | 0.4412 | KSN | GJM | |
| 236 | 2000/05/05,19:41 | 30.4 | 131.2 | 50 | 4.3 | 2.73e15 | 72.42 | near Tanegashima island | 224 | 48 | 82 | 56 | 42 | 99 | -0.5928 | 0.4032 | -0.0025 | -0.4511 | 0.1580 | 1.0439 | TKD | FUK | SBR |
| 237 | 2000/05/06,01:41 | 39.9 | 138.8 | 11 | 3.5 | 1.97e14 | 53.12 | W off Akita pref | 219 | 60 | 129 | 340 | 48 | 42 | 0.2460 | 0.1954 | -0.5279 | -0.9169 | 0.0999 | 0.6709 | GJM | TMR | |
| 238 | 2000/05/07,10:09 | 41.3 | 143.2 | 38 | 4.0 | 1.30e15 | 71.54 | E off Aomori pref | 244 | 77 | -113 | 125 | 26 | -32 | 0.5825 | 0.1228 | 0.6731 | -0.1274 | -0.5180 | -0.4551 | TMR | HSS | |
| 239 | 2000/05/07,10:10 | 41.4 | 143.0 | 32 | 3.9 | 8.97e14 | 61.11 | E off Aomori pref | 250 | 68 | -117 | 123 | 34 | -43 | 0.6786 | 0.1782 | 0.5133 | 0.0258 | -0.5448 | -0.7044 | TMR | URH | HSS |
| 240 | 2000/05/07,21:10 | 40.2 | 142.4 | 38 | 4.0 | 1.19e15 | 87.11 | NE off Iwate pref | 25 | 75 | 96 | 184 | 16 | 70 | -0.0406 | 0.1137 | 0.3888 | -0.4759 | -0.7714 | 0.5165 | TMR | GJM | |
| 241 | 2000/05/08,04:33 | 45.8 | 142.4 | 360 | 4.8 | 1.87e16 | 71.32 | south Sakhalin | 56 | 58 | 121 | 187 | 44 | 51 | -0.0904 | 0.5918 | 0.4039 | -0.6547 | -0.0235 | 0.7452 | HSS | URH | |
| 242 | 2000/05/08,09:45 | 36.4 | 141.0 | 44 | 4.5 | 7.41e15 | 92.71 | E off Ibaraki pref | 36 | 58 | 108 | 185 | 36 | 64 | -0.0390 | 0.3340 | 0.3721 | -0.8115 | -0.2398 | 0.8505 | YMZ | ONS | SGN |
| 243 | 2000/05/08,18:26 | 40.2 | 143.5 | 20 | 4.3 | 2.84e15 | 89.26 | far E off Sanriku | 41 | 64 | 109 | 184 | 32 | 57 | 0.0049 | 0.4018 | 0.4498 | -0.7225 | -0.3584 | 0.7176 | TMR | KSN | GJM |
| 244 | 2000/05/10,00:41 | 37.3 | 141.7 | 29 | 3.4 | 1.67e14 | 68.82 | E off Fukushima pref | 2 | 53 | 96 | 172 | 38 | 82 | -0.1909 | -0.0434 | 0.1028 | -0.8624 | -0.2622 | 1.0533 | YMZ | | |
| 245 | 2000/05/10,01:33 | 32.8 | 130.7 | 5 | 3.9 | 8.17e14 | 74.42 | NW Kumamoto pref | 90 | 58 | -90 | 270 | 32 | -90 | 0.8884 | -0.0028 | -0.4242 | 0.0344 | 0.0019 | -0.9227 | TKD | SBR | FUK |
| 246 | 2000/05/10,16:07 | 33.6 | 141.1 | 56 | 3.9 | 8.25e14 | 82.80 | E off Hachijojima island | 313 | 65 | 57 | 189 | 41 | 139 | 0.1656 | -0.4008 | -0.5093 | -0.8027 | -0.2098 | 0.6371 | JIZ | SGN | FUJ |
| 247 | 2000/05/10,18:15 | 32.8 | 130.6 | 5 | 3.4 | 1.19e14 | 78.83 | NW Kumamoto pref | 227 | 69 | -134 | 117 | 48 | -29 | 0.8758 | -0.1566 | 0.1959 | -0.4092 | -0.6128 | -0.4666 | SBR | | |
| 248 | 2000/05/10,21:36 | 35.9 | 139.7 | 41 | 3.7 | 3.65e14 | 88.43 | eastern Saitama pref | 342 | 88 | -7 | 72 | 83 | -178 | 0.6281 | 0.7984 | 0.0248 | -0.5467 | 0.1244 | -0.0814 | ONS | SGN | YMZ |
| 249 | 2000/05/11,03:21 | 37.9 | 139.5 | 8 | 3.2 | 8.17e13 | 70.03 | NE Niigata pref | 30 | 72 | 154 | 129 | 65 | 19 | 0.6632 | -0.3065 | 0.3051 | -1.0195 | -0.1764 | 0.3562 | KZK | | |
| 250 | 2000/05/12,10:17 | 33.4 | 141.3 | 23 | 4.3 | 2.83e15 | 92.44 | E off Hachijojima island | 303 | 85 | -21 | 35 | 69 | -174 | 0.9237 | -0.3537 | 0.2544 | -0.8085 | 0.2339 | -0.1152 | JIZ | SGN | FUJ |
| 251 | 2000/05/12,14:37 | 38.7 | 141.0 | 14 | 3.3 | 1.00e14 | 57.84 | northern Miyagi pref | 36 | 63 | 121 | 163 | 40 | 45 | 0.1892 | 0.1731 | 0.4935 | -0.8832 | -0.2830 | 0.6940 | KSN | GJM | |
| 252 | 2000/05/13,09:33 | 42.4 | 144.7 | 35 | 4.3 | 2.94e15 | 81.30 | SE off Tokachi | 28 | 78 | 79 | 252 | 16 | 133 | -0.1869 | 0.3394 | 0.4108 | -0.1654 | -0.7934 | 0.3523 | URH | NMR | HSS |
| 253 | 2000/05/14,20:08 | 36.9 | 141.7 | 23 | 3.7 | 3.38e14 | 78.94 | E off Fukushima pref | 7 | 79 | 83 | 221 | 13 | 124 | 0.1149 | 0.1942 | 0.1149 | -0.3988 | -0.9159 | 0.2840 | YMZ | SBT | GJM |
| 254 | 2000/05/15,05:01 | 33.9 | 134.8 | 50 | 3.5 | 1.77e14 | 81.36 | S Part of Kii channel | 175 | 82 | -83 | 314 | 11 | -130 | 0.0271 | 0.1412 | -0.0657 | 0.2511 | -0.9531 | -0.2782 | KIS | ABU | |
| 255 | 2000/05/15,09:43 | 45.6 | 142.4 | 5 | 4.4 | 4.48e15 | 85.14 | NE off Hokkaido | 3 | 50 | 95 | 176 | 41 | 84 | -0.0563 | -0.0081 | 0.0725 | -0.9569 | -0.1581 | 1.0131 | HSS | URH | NMR |
| 256 | 2000/05/15,19:09 | 35.0 | 135.5 | 17 | 4.2 | 2.64e15 | 71.15 | Kyoto Osaka border reg | 146 | 75 | 20 | 51 | 71 | 164 | 0.7772 | 0.2663 | 0.3412 | -0.9823 | 0.1093 | 0.2050 | KIS | ISI | NAA |
| 257 | 2000/05/15,20:43 | 35.0 | 135.5 | 8 | 3.4 | 1.59e14 | 77.60 | Kyoto Osaka border reg | 173 | 74 | 63 | 55 | 31 | 148 | 0.0651 | 0.3714 | 0.2413 | -0.5507 | 0.7310 | 0.4857 | KIS | TTO | FUJ |
| 258 | 2000/05/16,10:40 | 36.5 | 140.7 | 56 | 4.7 | 1.33e16 | 92.46 | northern Ibaraki pref | 24 | 76 | 100 | 167 | 17 | 55 | 0.0533 | 0.0579 | 0.3900 | -0.5174 | -0.7735 | 0.4641 | YMZ | ONS | SGN |
| 259 | 2000/05/17,03:04 | 32.1 | 132.2 | 20 | 4.1 | 1.87e15 | 79.01 | Hyuganada region | 33 | 73 | 96 | 194 | 18 | 72 | -0.0185 | 0.2740 | 0.4618 | -0.4838 | -0.6913 | 0.5023 | TKD | SBR | ISI |
| 260 | 2000/05/17,20:21 | 42.3 | 143.0 | 53 | 3.7 | 4.52e14 | 88.17 | Hidaka mountains region | 37 | 65 | 95 | 206 | 26 | 80 | -0.1322 | 0.4465 | 0.3940 | -0.5674 | -0.4976 | 0.6996 | URH | HSS | |
| 261 | 2000/05/18,12:53 | 35.6 | 140.1 | 80 | 3.7 | 4.34e14 | 87.19 | central Chiba pref | 1 | 69 | 98 | 160 | 23 | 71 | 0.0573 | -0.1229 | 0.0481 | -0.7033 | -0.7250 | 0.6460 | SGN | ONS | FUJ |
| 262 | 2000/05/18,17:17 | 41.4 | 145.2 | 5 | 3.8 | 5.39e14 | 55.43 | SE off Tokachi | 279 | 56 | -90 | 99 | 34 | -90 | 0.8763 | 0.1315 | 0.3543 | 0.0925 | 0.0613 | -0.9687 | URH | NMR | TMR |
| 263 | 2000/05/18,17:30 | 32.1 | 132.2 | 20 | 4.3 | 3.64e15 | 85.08 | Hyuganada region | 12 | 72 | 75 | 233 | 24 | 129 | -0.0454 | 0.3896 | 0.1248 | -0.4820 | -0.7666 | 0.5274 | SBR | YTY | FUK |
| 264 | 2000/05/18,19:07 | 32.1 | 132.2 | 20 | 3.8 | 4.87e14 | 75.67 | Hyuganada region | 179 | 88 | -60 | 272 | 30 | -176 | 0.0567 | 0.4990 | 0.0390 | 0.0083 | -0.8657 | -0.0651 | TKD | SBR | |
| 265 | 2000/05/18,19:56 | 33.8 | 141.2 | 41 | 4.5 | 5.55e15 | 85.94 | E off Hachijojima island | 153 | 87 | -36 | 245 | 54 | -176 | 0.6735 | 0.5014 | -0.2380 | -0.6043 | -0.5283 | -0.0691 | SGN | FUJ | ONS |
| 266 | 2000/05/19,06:59 | 29.3 | 130.4 | 32 | 3.8 | 5.64e14 | 83.95 | near Amami-Oshima island | 61 | 75 | -152 | 323 | 63 | -17 | 0.8858 | 0.3481 | -0.2427 | -0.6755 | 0.4223 | -0.2103 | AMM | | |
| 267 | 2000/05/19,17:47 | 44.1 | 148.1 | 71 | 4.3 | 2.79e15 | 76.14 | SE off Etorofu | 41 | 89 | -72 | 134 | 18 | -177 | -0.2959 | 0.0255 | -0.6320 | 0.3300 | 0.7054 | -0.0340 | URH | | |
| 268 | 2000/05/20,04:32 | 43.0 | 144.3 | 65 | 3.9 | 7.53e14 | 76.67 | Kushiro region | 270 | 73 | 150 | 10 | 61 | 20 | -0.3106 | 0.8297 | -0.4010 | 0.0018 | -0.2347 | 0.3088 | URH | | |
| 269 | 2000/05/20,14:39 | 34.9 | 135.6 | 14 | 3.5 | 1.96e14 | 89.70 | Kyoto Osaka border reg | 176 | 63 | 78 | 21 | 29 | 112 | 0.1055 | 0.1329 | 0.1099 | -0.8603 | 0.5635 | 0.7547 | KIS | | |
| 270 | 2000/05/21,01:42 | 35.0 | 135.8 | 14 | 3.8 | 5.94e14 | 83.63 | Kyoto Osaka border reg | 351 | 64 | 105 | 139 | 30 | 62 | -0.1129 | -0.3419 | 0.0294 | -0.6646 | -0.5946 | 0.7775 | KIS | NAA | TTO |
| 271 | 2000/05/21,14:19 | 42.6 | 143.5 | 59 | 4.3 | 3.50e15 | 86.08 | Tokachi region | 229 | 80 | -109 | 113 | 22 | -28 | 0.5078 | -0.0029 | 0.5791 | -0.1241 | -0.6897 | -0.3838 | HSS | TMR | |
| 272 | 2000/05/21,15:36 | 37.0 | 141.0 | 71 | 3.4 | 1.23e14 | 53.04 | E off Fukushima pref | 323 | 76 | 109 | 89 | 23 | 38 | -0.4758 | -0.2467 | -0.4104 | 0.0015 | -0.7394 | 0.4742 | YMZ | ONS | |
| 273 | 2000/05/22,23:56 | 32.1 | 132.2 | 17 | 4.2 | 2.20e15 | 84.38 | Hyuganada region | 19 | 79 | 65 | 267 | 27 | 155 | -0.3928 | 0.3487 | 0.1078 | 0.0056 | -0.8601 | 0.3872 | TKD | SBR | YTY |
| 274 | 2000/05/23,05:58 | 38.3 | 142.6 | 35 | 3.8 | 5.04e14 | 85.52 | E off Miyagi pref | 15 | 70 | 89 | 198 | 20 | 93 | 0.1217 | 0.2571 | 0.1993 | -0.6755 | -0.7300 | 0.5538 | KSN | YMZ | GJM |
| 275 | 2000/05/23,09:51 | 40.1 | 138.8 | 5 | 3.4 | 1.28e14 | 73.75 | W off Akita pref | 338 | 60 | 64 | 203 | 39 | 128 | 0.2955 | -0.0326 | -0.2792 | -1.0161 | -0.3487 | 0.7206 | GJM | TMR | |
| 276 | 2000/05/23,11:24 | 32.1 | 132.2 | 20 | 3.7 | 4.70e14 | 84.13 | Hyuganada region | 5 | 86 | 62 | 267 | 29 | 171 | -0.1439 | 0.4648 | -0.0301 | -0.0019 | -0.8774 | 0.1457 | TKD | SBR | |
| 277 | 2000/05/23,14:44 | 27.2 | 125.7 | 250 | 5.0 | 3.32e16 | 66.79 | east China sea region | 348 | 47 | -82 | 157 | 44 | -98 | 0.3596 | 0.1536 | -0.1272 | 0.7878 | 0.0970 | -1.1474 | AMM | | |
| 278 | 2000/05/23,23:01 | 37.3 | 142.1 | 20 | 3.7 | 3.45e14 | 83.76 | E off Fukushima pref | 344 | 87 | 64 | 249 | 26 | 174 | 0.2366 | 0.3412 | -0.2576 | -0.3154 | -0.8599 | 0.0789 | YMZ | KSN | GJM |
| 279 | 2000/05/24,00:37 | 41.3 | 142.8 | 38 | 4.5 | 6.40e15 | 79.23 | E off Aomori pref | 112 | 48 | 106 | 269 | 45 | 73 | -0.9804 | -0.1900 | 0.0205 | 0.0358 | 0.1928 | 0.9446 | TMR | URH | HSS |
| 280 | 2000/05/24,07:30 | 43.3 | 146.9 | 41 | 3.8 | 5.68e14 | 70.82 | E off Hokkaido | 235 | 51 | 115 | 19 | 45 | 62 | -0.2676 | 0.5787 | -0.2862 | -0.5933 | -0.0769 | 0.8610 | URH | | |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 281 | 2000/05/24,10:24 | 41.3 | 142.7 | 47 | 4.8 | 1.71e16 | 73.57 | E off Aomori pref | 27 | 75 | 56 | 276 | 36 | 155 | -0.5458 | 0.4004 | 0.1238 | 0.1322 | -0.7702 | 0.4136 | TMR | URH | |
| 282 | 2000/05/25,19:15 | 42.5 | 148.3 | 32 | 3.8 | 4.87e14 | 79.78 | far SE off Hokkaido | 268 | 65 | -59 | 33 | 39 | -138 | 0.5911 | -0.4685 | 0.5748 | 0.0768 | 0.2275 | -0.6678 | URH | | |
| 283 | 2000/05/25,21:23 | 41.5 | 142.1 | 65 | 3.9 | 6.72e14 | 74.20 | E off Aomori pref | 19 | 63 | 110 | 160 | 34 | 56 | 0.0117 | -0.0362 | 0.3708 | -0.8205 | -0.4550 | 0.8088 | HSS | URH | |
| 284 | 2000/05/25,22:32 | 43.0 | 146.7 | 35 | 3.6 | 2.93e14 | 74.60 | off Nemuro peninsula | 236 | 64 | 80 | 78 | 28 | 109 | -0.6858 | 0.3376 | -0.4740 | -0.0586 | 0.3894 | 0.7444 | URH | | |
| 285 | 2000/05/26,08:57 | 33.9 | 135.2 | 8 | 3.2 | 6.76e13 | 64.25 | central Wakayama pref | 348 | 67 | 50 | 234 | 45 | 147 | 0.1556 | 0.4188 | -0.4630 | -0.6889 | -0.4848 | 0.5333 | KIS | ISI | |
| 286 | 2000/05/26,21:53 | 29.1 | 130.5 | 32 | 4.0 | 1.31e15 | 86.53 | near Amami-Oshima island | 170 | 71 | 64 | 46 | 32 | 141 | 0.0990 | 0.2989 | 0.2755 | -0.6646 | 0.6672 | 0.5655 | AMM | | |
| 287 | 2000/05/26,22:41 | 36.8 | 141.7 | 71 | 3.8 | 5.09e14 | 73.98 | E off Fukushima pref | 243 | 69 | -139 | 136 | 52 | -27 | 0.9325 | 0.2433 | 0.3132 | -0.4808 | -0.4364 | -0.4517 | YMZ | ONS | GJM |
| 288 | 2000/05/27,22:25 | 42.5 | 142.5 | 41 | 3.7 | 3.41e14 | 79.12 | Hidaka region | 111 | 87 | 14 | 20 | 76 | 177 | 0.5933 | -0.7336 | 0.2399 | -0.6737 | 0.0574 | 0.0804 | URH | HSS | |
| 289 | 2000/05/29,06:48 | 33.4 | 142.4 | 65 | 4.1 | 1.76e15 | 58.47 | far E off Izu Islands | 216 | 70 | -120 | 95 | 35 | -36 | 0.6412 | -0.3223 | 0.1987 | -0.0620 | -0.7008 | -0.5792 | JIZ | SGN | |
| 290 | 2000/05/29,13:23 | 36.2 | 138.4 | 180 | 4.1 | 1.73e15 | 94.34 | eastern Nagano pref | 208 | 86 | 69 | 108 | 21 | 169 | -0.3928 | 0.1714 | -0.3520 | 0.2215 | 0.8604 | 0.1713 | ONS | SGN | FUJ |
| 291 | 2000/05/29,21:03 | 27.7 | 130.8 | 35 | 4.5 | 5.73e15 | 85.89 | N Philippine Basin | 8 | 64 | 104 | 159 | 29 | 64 | 0.1260 | -0.0972 | 0.1563 | -0.8489 | -0.5846 | 0.7229 | AMM | | |
| 292 | 2000/05/30,14:28 | 37.1 | 141.2 | 47 | 4.3 | 2.95e15 | 96.04 | E off Fukushima pref | 23 | 73 | 86 | 218 | 18 | 104 | -0.1704 | 0.2363 | 0.2995 | -0.4136 | -0.7625 | 0.5840 | YMZ | SBT | ONS |
| 293 | 2000/06/01,03:35 | 44.9 | 149.7 | 38 | 4.5 | 6.81e15 | 75.53 | SE off Etorofu | 18 | 52 | 99 | 184 | 39 | 79 | -0.0504 | 0.1732 | 0.1711 | -0.9222 | -0.2030 | 0.9726 | NMR | | |
| 294 | 2000/06/02,06:06 | 34.0 | 135.4 | 56 | 4.2 | 2.10e15 | 88.95 | central Wakayama pref | 314 | 73 | -67 | 79 | 29 | -142 | 0.6405 | 0.2505 | 0.4626 | -0.1241 | 0.6130 | -0.5165 | ISI | ABU | NAA |
| 295 | 2000/06/02,22:17 | 34.8 | 137.3 | 35 | 3.3 | 1.17e14 | 78.61 | Mikawa bay region | 206 | 83 | -42 | 302 | 48 | -171 | -0.5527 | 0.3921 | 0.3629 | 0.7079 | -0.5515 | -0.1551 | FUJ | TTO | |
| 296 | 2000/06/03,04:38 | 38.6 | 141.5 | 98 | 4.2 | 2.20e15 | 63.73 | Kinkazan region | 169 | 56 | -102 | 9 | 35 | -73 | 0.1074 | 0.0008 | -0.2228 | 0.8607 | -0.3488 | -0.9681 | GJM | YMZ | KZK |
| 297 | 2000/06/03,08:50 | 37.5 | 139.6 | 14 | 3.3 | 1.15e14 | 79.68 | western Fukushima pref | 42 | 88 | -164 | 312 | 74 | -3 | 0.8610 | -0.0861 | -0.0996 | -1.0376 | 0.3058 | 0.1766 | YMZ | KZK | |
| 298 | 2000/06/03,08:54 | 35.7 | 140.8 | 50 | 6.1 | 1.72e18 | 92.02 | near Choshi city | 349 | 69 | 85 | 184 | 22 | 103 | -0.0679 | -0.0244 | -0.1775 | -0.6413 | -0.7167 | 0.7092 | YMZ | SGN | ONS |
| 299 | 2000/06/03,16:15 | 36.5 | 141.2 | 44 | 4.1 | 1.72e15 | 86.26 | E off Ibaraki pref | 67 | 56 | 111 | 212 | 39 | 62 | -0.5111 | 0.4305 | 0.4356 | -0.4079 | 0.0892 | 0.9190 | YMZ | ONS | SBT |
| 300 | 2000/06/04,11:40 | 37.9 | 141.8 | 59 | 4.5 | 5.87e15 | 92.07 | SE off Miyagi pref | 62 | 51 | 121 | 198 | 49 | 58 | -0.3044 | 0.6278 | 0.2643 | -0.5097 | 0.1829 | 0.8142 | SBT | GJM | TMR |
| 301 | 2000/06/05,00:54 | 35.7 | 136.1 | 5 | 4.6 | 7.99e15 | 95.53 | central Fukui pref | 347 | 77 | 38 | 247 | 53 | 164 | 0.3399 | 0.6362 | -0.2401 | -0.6286 | -0.4950 | 0.2887 | ABU | NAA | TTO |
| 302 | 2000/06/05,17:23 | 33.7 | 135.1 | 56 | 3.7 | 4.34e14 | 92.73 | S Part of Kii channel | 182 | 83 | 16 | 90 | 74 | 173 | -0.0942 | 0.9551 | 0.0837 | -0.0132 | 0.2698 | 0.1074 | KIS | ABU | |
| 303 | 2000/06/06,14:57 | 29.4 | 131.6 | 41 | 6.5 | 5.35e18 | 71.66 | near Amami-Oshima island | 269 | 65 | 132 | 24 | 48 | 35 | -0.5583 | 0.6327 | -0.4637 | -0.0164 | -0.2514 | 0.5747 | AMM | | |
| 304 | 2000/06/06,21:16 | 36.8 | 135.5 | 5 | 5.8 | 5.93e17 | 90.27 | NW off Hokuriku District | 356 | 49 | 66 | 210 | 47 | 115 | 0.1545 | 0.2744 | -0.2200 | -1.0082 | -0.0781 | 0.8537 | ABU | NAA | TTO |
| 305 | 2000/06/07,04:03 | 36.8 | 135.6 | 5 | 3.5 | 2.09e14 | 84.57 | NW off Hokuriku District | 225 | 49 | 117 | 7 | 48 | 62 | -0.0451 | 0.4766 | -0.2593 | -0.8095 | -0.1199 | 0.8546 | NAA | TTO | |
| 306 | 2000/06/08,00:32 | 32.7 | 130.8 | 11 | 4.9 | 2.66e16 | 63.44 | NW Kumamoto pref | 200 | 80 | 157 | 294 | 68 | 10 | 0.5635 | -0.6495 | -0.2369 | -0.7332 | 0.2897 | 0.1697 | TKA | YTY | FUK |
| 307 | 2000/06/08,09:58 | 32.7 | 130.8 | 5 | 4.0 | 1.06e15 | 80.12 | NW Kumamoto pref | 290 | 85 | 16 | 199 | 74 | 175 | 0.5544 | -0.7538 | -0.2780 | -0.6421 | -0.0327 | 0.0877 | TKD | SBR | FUK |
| 308 | 2000/06/08,10:12 | 32.7 | 130.8 | 5 | 3.8 | 4.93e14 | 72.79 | NW Kumamoto pref | 114 | 87 | 25 | 22 | 65 | 177 | 0.5912 | -0.6435 | 0.3753 | -0.6975 | 0.1695 | 0.1063 | TKD | SBR | |
| 309 | 2000/06/08,15:30 | 30.2 | 133.0 | 71 | 4.4 | 4.35e15 | 75.00 | N Philippine Basin | 34 | 90 | -15 | 124 | 75 | -180 | -0.8662 | 0.3477 | -0.1212 | 0.9383 | 0.2274 | -0.0721 | TKD | | |
| 310 | 2000/06/08,19:25 | 32.7 | 130.8 | 5 | 3.4 | 1.51e14 | 85.72 | NW Kumamoto pref | 31 | 68 | -148 | 288 | 61 | -26 | 0.8050 | -0.5332 | 0.0797 | -0.4282 | 0.4782 | -0.3768 | TKD | SBR | |
| 311 | 2000/06/09,07:54 | 41.3 | 140.0 | 5 | 3.9 | 8.79e14 | 84.39 | Tsugaru Strait region | 1 | 58 | 72 | 212 | 36 | 116 | 0.0096 | 0.2785 | -0.1507 | -0.8572 | -0.4171 | 0.8476 | TMR | GJM | KSN |
| 312 | 2000/06/09,20:39 | 32.7 | 130.8 | 5 | 3.9 | 9.02e14 | 93.21 | NW Kumamoto pref | 297 | 63 | -43 | 51 | 53 | -145 | 0.9521 | -0.1478 | 0.1940 | -0.4004 | 0.5053 | -0.5517 | TKD | SBR | FUK |
| 313 | 2000/06/10,16:16 | 33.4 | 133.6 | 44 | 3.6 | 2.75e14 | 73.70 | Tosa bay region | 321 | 62 | 144 | 70 | 59 | 33 | -0.9366 | -0.4184 | 0.0646 | 0.4232 | -0.4104 | 0.5134 | KIS | ABU | |
| 314 | 2000/06/11,07:22 | 37.3 | 142.0 | 32 | 3.6 | 2.84e14 | 73.07 | E off Fukushima pref | 45 | 88 | 114 | 140 | 24 | 5 | 0.3637 | -0.0228 | 0.6924 | -0.4530 | -0.5961 | 0.0892 | YMZ | KSN | KZK |
| 315 | 2000/06/11,19:57 | 36.9 | 135.6 | 8 | 3.6 | 2.67e14 | 72.89 | NW off Hokuriku District | 4 | 65 | 68 | 228 | 33 | 129 | -0.0954 | 0.3669 | -0.1383 | -0.6319 | -0.6142 | 0.7272 | ABU | TTO | |
| 316 | 2000/06/12,12:26 | 32.6 | 140.8 | 59 | 3.8 | 5.46e14 | 76.46 | E off Hachijojima island | 161 | 75 | 42 | 58 | 49 | 161 | 0.3983 | 0.4661 | 0.3746 | -0.7241 | 0.4974 | 0.3258 | JIZ | SGN | FUJ |
| 317 | 2000/06/12,16:54 | 42.9 | 144.8 | 68 | 4.7 | 1.46e16 | 64.57 | off Nemuro peninsula | 26 | 71 | 78 | 239 | 22 | 120 | -0.2238 | 0.4128 | 0.3019 | -0.3491 | -0.7069 | 0.5730 | HSS | TMR | |
| 318 | 2000/06/12,21:44 | 36.8 | 135.6 | 11 | 4.0 | 1.07e15 | 93.78 | NW off Hokuriku District | 50 | 74 | 148 | 150 | 60 | 19 | 0.6404 | 0.2700 | 0.5000 | -0.9214 | -0.1024 | 0.2811 | ABU | NAA | TTO |
| 319 | 2000/06/13,06:29 | 32.7 | 130.7 | 5 | 3.6 | 3.14e14 | 82.27 | NW Kumamoto pref | 127 | 87 | 44 | 34 | 47 | 176 | 0.6318 | -0.2660 | 0.5311 | -0.7256 | 0.4268 | 0.0938 | TKD | SBR | |
| 320 | 2000/06/14,05:11 | 45.9 | 143.2 | 340 | 4.5 | 6.93e15 | 73.63 | south Sakhalin | 140 | 85 | 84 | 11 | 8 | 140 | 0.0851 | -0.1668 | 0.6209 | -0.1819 | 0.7592 | 0.0968 | TNK | URH | |
| 321 | 2000/06/14,19:48 | 39.6 | 143.7 | 17 | 4.1 | 1.42e15 | 68.32 | far E off Sanriku | 38 | 65 | 94 | 209 | 25 | 82 | -0.2047 | 0.3898 | 0.4058 | -0.5375 | -0.4899 | 0.7422 | KSN | TMR | GJM |
| 322 | 2000/06/15,11:10 | 29.3 | 132.1 | 11 | 6.1 | 1.47e18 | 92.69 | N Philippine Basin | 13 | 72 | -86 | 180 | 18 | -103 | 0.0403 | -0.0520 | -0.2088 | 0.5568 | 0.7879 | -0.5970 | ISI | | |
| 323 | 2000/06/15,11:53 | 28.6 | 130.4 | 59 | 4.6 | 7.66e15 | 84.62 | near Amami-Oshima island | 77 | 90 | -49 | 167 | 41 | -180 | -0.2885 | -0.5885 | -0.7387 | 0.2930 | 0.1569 | -0.0045 | AMM | | |
| 324 | 2000/06/15,21:34 | 28.1 | 128.3 | 92 | 4.1 | 1.51e15 | 92.46 | NW off Amami-Oshima is | 295 | 79 | -163 | 202 | 73 | -11 | -0.6519 | 0.6402 | 0.3415 | 0.7232 | -0.0540 | -0.0713 | AMM | | |
| 325 | 2000/06/16,07:36 | 41.5 | 141.1 | 155 | 4.5 | 7.48e15 | 90.32 | Tsugaru Strait region | 186 | 80 | -56 | 290 | 35 | -163 | -0.1718 | 0.5084 | 0.0907 | 0.4385 | -0.7727 | -0.2667 | TMR | HSS | KSN |
| 326 | 2000/06/17,11:17 | 36.8 | 135.5 | 5 | 3.5 | 1.83e14 | 73.22 | NW off Hokuriku District | 57 | 89 | -172 | 327 | 82 | -1 | 0.9360 | 0.4119 | -0.1091 | -0.8631 | 0.0804 | -0.0729 | ABU | NAA | TTO |
| 327 | 2000/06/17,15:05 | 39.6 | 143.6 | 20 | 3.5 | 1.76e14 | 60.81 | far E off Sanriku | 30 | 65 | 91 | 207 | 25 | 87 | -0.1141 | 0.3836 | 0.3302 | -0.5977 | -0.5563 | 0.7118 | KSN | TMR | GJM |
| 328 | 2000/06/18,01:03 | 32.7 | 130.8 | 8 | 3.6 | 2.41e14 | 85.58 | NW Kumamoto pref | 108 | 79 | -55 | 214 | 36 | -161 | 0.5731 | -0.3730 | -0.6826 | -0.2580 | -0.3916 | -0.3150 | TKD | SBR | FUK |
| 329 | 2000/06/19,13:14 | 36.0 | 141.3 | 11 | 3.6 | 2.60e14 | 62.03 | far E off Ibaraki pref | 22 | 58 | 120 | 155 | 43 | 52 | 0.1048 | -0.0332 | 0.4466 | -0.9127 | -0.2362 | 0.8079 | YMZ | ONS | KZK |
| 330 | 2000/06/20,04:15 | 32.7 | 130.7 | 8 | 3.4 | 1.37e14 | 63.68 | NW Kumamoto pref | 287 | 79 | -31 | 23 | 59 | -167 | 0.5968 | -0.6442 | 0.4164 | -0.4503 | 0.3509 | -0.1465 | SBR | FUK | |
| 331 | 2000/06/22,11:36 | 36.8 | 135.6 | 5 | 4.2 | 2.61e15 | 90.16 | NW off Hokuriku District | 45 | 62 | 128 | 166 | 46 | 41 | 0.2787 | 0.3801 | 0.4196 | -0.9244 | -0.1396 | 0.6458 | ABU | NAA | TTO |
| 332 | 2000/06/22,17:49 | 31.3 | 133.5 | 74 | 4.3 | 3.45e15 | 64.51 | Shikoku Basin | 81 | 49 | 110 | 231 | 45 | 68 | -0.8809 | 0.5067 | 0.1421 | 0.0379 | 0.1250 | 0.8430 | TKD | KIS | |
| 333 | 2000/06/23,08:26 | 36.5 | 140.9 | 53 | 4.0 | 1.13e15 | 95.38 | E off Ibaraki pref | 210 | 86 | -97 | 88 | 8 | -32 | 0.2287 | -0.0197 | 0.4595 | -0.0116 | -0.8650 | -0.2171 | YMZ | ONS | SBT |
| 334 | 2000/06/23,17:01 | 33.3 | 140.1 | 113 | 3.7 | 3.42e14 | 67.17 | E off Hachijojima island | 230 | 53 | -69 | 18 | 42 | -116 | 0.3311 | -0.3506 | 0.4037 | 0.6480 | 0.0686 | -0.9790 | JIZ | FUJ | SGN |
| 335 | 2000/06/24,19:19 | 34.3 | 139.1 | 11 | 3.6 | 2.49e14 | 85.09 | near Niijima island | 305 | 87 | 143 | 38 | 54 | 4 | -0.7915 | 0.2403 | -0.4470 | 0.7355 | -0.3939 | 0.0561 | JIZ | FUJ | SGN |
| 336 | 2000/06/24,21:11 | 41.3 | 141.7 | 65 | 3.9 | 6.84e14 | 80.47 | E off Aomori pref | 334 | 71 | -46 | 83 | 48 | -153 | 0.5971 | 0.5471 | -0.0129 | -0.1651 | 0.6496 | -0.4321 | HSS | GJM | KSN |
| 337 | 2000/06/25,04:54 | 34.0 | 137.5 | 360 | 3.9 | 9.32e14 | 73.09 | Ensyunada | 339 | 90 | -34 | 69 | 56 | -180 | 0.5596 | 0.6076 | 0.1999 | -0.5606 | 0.5271 | 0.0011 | KIS | FUJ | |
| 338 | 2000/06/25,06:34 | 31.0 | 131.7 | 32 | 6.0 | 1.13e18 | 70.01 | SE off Osumi pen | 20 | 60 | 82 | 215 | 31 | 103 | -0.1635 | 0.3693 | 0.1045 | -0.6916 | -0.4867 | 0.8551 | TKD | SBR | FUK |
| 339 | 2000/06/25,07:24 | 31.1 | 131.7 | 26 | 4.6 | 9.33e15 | 76.44 | SE off Osumi pen | 16 | 70 | 100 | 170 | 22 | 66 | 0.0047 | 0.0316 | 0.2706 | -0.6642 | -0.6985 | 0.6596 | TKA | TKD | SBR |
| 340 | 2000/06/26,04:10 | 36.0 | 141.5 | 20 | 4.2 | 2.52e15 | 80.85 | far E off Ibaraki pref | 17 | 78 | 84 | 225 | 13 | 117 | 0.0476 | 0.2753 | 0.2783 | -0.3632 | -0.8693 | 0.3156 | YMZ | ONS | SGN |
| 341 | 2000/06/26,07:56 | 41.4 | 142.8 | 26 | 3.9 | 8.74e14 | 82.89 | E off Aomori pref | 270 | 68 | 93 | 81 | 22 | 81 | -0.7011 | 0.0516 | -0.7267 | 0.0345 | -0.0236 | 0.6666 | TMR | URH | KSN |
| 342 | 2000/06/26,23:44 | 34.1 | 139.5 | 5 | 4.0 | 1.25e15 | 89.76 | near Miyakejima island | 2 | 79 | -48 | 104 | 43 | -164 | -0.0568 | 0.6511 | -0.1343 | 0.3325 | 0.6848 | -0.2757 | JIZ | FUJ | SGN |
| 343 | 2000/06/27,00:00 | 34.1 | 139.5 | 5 | 4.0 | 1.09e15 | 92.51 | near Miyakejima island | 2 | 80 | -47 | 103 | 44 | -165 | -0.0698 | 0.6616 | -0.1216 | 0.3347 | 0.6731 | -0.2648 | JIZ | FUJ | SGN |
| 344 | 2000/06/27,01:02 | 34.1 | 139.5 | 8 | 4.3 | 2.70e15 | 92.28 | near Miyakejima island | 3 | 80 | -39 | 102 | 52 | -167 | -0.0925 | 0.7489 | -0.1406 | 0.3343 | 0.5752 | -0.2418 | JIZ | FUJ | SGN |
| 345 | 2000/06/27,02:32 | 34.1 | 139.5 | 5 | 3.7 | 4.42e14 | 86.43 | near Miyakejima island | 359 | 77 | -54 | 106 | 38 | -159 | -0.0273 | 0.5978 | -0.0382 | 0.3803 | 0.7173 | -0.3530 | JIZ | FUJ | |
| 346 | 2000/06/27,02:44 | 34.1 | 139.5 | 8 | 4.0 | 1.16e15 | 85.54 | near Miyakejima island | 8 | 86 | -42 | 101 | 48 | -175 | -0.1962 | 0.7070 | -0.1386 | 0.2853 | 0.6475 | -0.0890 | JIZ | FUJ | SGN |
| 347 | 2000/06/27,03:04 | 34.1 | 139.5 | 5 | 3.7 | 3.45e14 | 84.52 | near Miyakejima island | 1 | 78 | -44 | 103 | 47 | -163 | -0.0293 | 0.6949 | -0.1505 | 0.3183 | 0.6334 | -0.2890 | JIZ | FUJ | SGN |
| 348 | 2000/06/27,03:21 | 34.1 | 139.5 | 5 | 3.8 | 6.53e14 | 91.62 | near Miyakejima island | 3 | 79 | -46 | 104 | 45 | -165 | -0.0993 | 0.6710 | -0.1219 | 0.3753 | 0.6527 | -0.2759 | JIZ | FUJ | SGN |
| 349 | 2000/06/27,03:56 | 34.1 | 139.5 | 5 | 3.8 | 5.68e14 | 84.25 | near Miyakejima island | 6 | 86 | -55 | 101 | 35 | -174 | -0.1374 | 0.5430 | -0.1016 | 0.2385 | 0.8082 | -0.1011 | JIZ | FUJ | SGN |
| 350 | 2000/06/27,04:35 | 34.1 | 139.4 | 5 | 4.2 | 2.65e15 | 93.83 | near Miyakejima island | 346 | 78 | -43 | 87 | 48 | -163 | 0.3600 | 0.6877 | -0.0103 | -0.0764 | 0.6482 | -0.2837 | JIZ | FUJ | SGN |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 351 | 2000/06/27,04:38 | 34.1 | 139.4 | 5 | 4.0 | 1.32e15 | 91.88 | near Miyakejima island | 359 | 84 | -42 | 94 | 48 | -172 | 0.0253 | 0.7380 | -0.0609 | 0.1114 | 0.6621 | -0.1367 | JIZ | FUJ | SGN |
| 352 | 2000/06/27,04:43 | 34.1 | 139.4 | 5 | 4.5 | 5.94e15 | 94.80 | near Miyakejima island | 358 | 82 | -43 | 95 | 48 | -169 | 0.0672 | 0.7264 | -0.1167 | 0.1037 | 0.6612 | -0.1709 | JIZ | FUJ | SGN |
| 353 | 2000/06/27,04:48 | 34.1 | 139.4 | 8 | 4.0 | 1.07e15 | 90.51 | near Miyakejima island | 358 | 79 | -17 | 91 | 73 | -169 | 0.0706 | 0.9354 | -0.1637 | 0.0484 | 0.2816 | -0.1190 | JIZ | SGN | NAA |
| 354 | 2000/06/27,04:53 | 34.1 | 139.4 | 8 | 4.0 | 1.13e15 | 93.60 | near Miyakejima island | 360 | 80 | -26 | 95 | 64 | -169 | -0.0117 | 0.8742 | -0.2128 | 0.0945 | 0.4366 | -0.0828 | JIZ | FUJ | SGN |
| 355 | 2000/06/27,04:56 | 34.1 | 139.4 | 8 | 3.8 | 5.39e14 | 76.08 | near Miyakejima island | 2 | 88 | -44 | 94 | 46 | -177 | -0.0599 | 0.7202 | -0.0482 | 0.1052 | 0.6863 | -0.0453 | JIZ | FUJ | SGN |
| 356 | 2000/06/27,05:01 | 34.1 | 139.5 | 5 | 4.5 | 6.29e15 | 94.83 | near Miyakejima island | 353 | 85 | -44 | 88 | 46 | -173 | 0.1664 | 0.7124 | 0.0373 | -0.0341 | 0.6836 | -0.1323 | JIZ | FUJ | SGN |
| 357 | 2000/06/27,05:05 | 34.1 | 139.5 | 5 | 4.8 | 1.54e16 | 94.60 | near Miyakejima island | 355 | 72 | -24 | 93 | 68 | -161 | 0.1559 | 0.8857 | -0.2322 | 0.1025 | 0.3308 | -0.2584 | JIZ | FUJ | SGN |
| 358 | 2000/06/27,05:14 | 34.1 | 139.4 | 5 | 3.9 | 7.61e14 | 79.96 | near Miyakejima island | 101 | 63 | -146 | 354 | 60 | -32 | 0.1484 | 0.7316 | -0.4461 | 0.2743 | 0.3674 | -0.4227 | JIZ | SGN | NAA |
| 359 | 2000/06/27,05:18 | 34.1 | 139.4 | 5 | 4.2 | 2.29e15 | 93.76 | near Miyakejima island | 3 | 86 | -45 | 97 | 45 | -174 | -0.0759 | 0.6923 | -0.0838 | 0.1741 | 0.7020 | -0.0982 | JIZ | FUJ | SGN |
| 360 | 2000/06/27,05:25 | 34.1 | 139.5 | 5 | 4.9 | 2.29e16 | 94.72 | near Miyakejima island | 352 | 82 | -45 | 91 | 46 | -168 | 0.1800 | 0.7083 | 0.0137 | 0.0274 | 0.6791 | -0.2074 | JIZ | FUJ | SGN |
| 361 | 2000/06/27,05:40 | 34.1 | 139.4 | 17 | 3.9 | 7.75e14 | 78.81 | near Miyakejima island | 99 | 88 | -154 | 8 | 64 | -2 | -0.1731 | 0.8700 | -0.4187 | 0.3005 | -0.1082 | -0.1274 | SGN | NAA | |
| 362 | 2000/06/27,05:44 | 34.1 | 139.4 | 11 | 4.2 | 2.14e15 | 83.78 | near Miyakejima island | 95 | 85 | -161 | 4 | 71 | -6 | -0.0502 | 0.9385 | -0.3082 | 0.2230 | -0.0024 | -0.1728 | JIZ | SGN | NAA |
| 363 | 2000/06/27,05:51 | 34.1 | 139.4 | 11 | 3.8 | 5.43e14 | 65.15 | near Miyakejima island | 15 | 87 | -30 | 107 | 60 | -177 | -0.4277 | 0.7305 | -0.1583 | 0.4910 | 0.4761 | -0.0633 | JIZ | FUJ | NAA |
| 364 | 2000/06/27,05:53 | 34.1 | 139.4 | 8 | 3.8 | 4.81e14 | 83.65 | near Miyakejima island | 182 | 85 | 46 | 87 | 44 | 173 | -0.0572 | 0.6888 | 0.0460 | -0.0602 | 0.7175 | 0.1174 | JIZ | | |
| 365 | 2000/06/27,06:02 | 34.1 | 139.4 | 8 | 3.8 | 5.21e14 | 66.62 | near Miyakejima island | 11 | 85 | -44 | 105 | 46 | -174 | -0.2765 | 0.6447 | -0.1187 | 0.4107 | 0.6670 | -0.1342 | JIZ | FUJ | SGN |
| 366 | 2000/06/27,06:11 | 34.1 | 139.5 | 5 | 5.0 | 3.23e16 | 94.18 | near Miyakejima island | 357 | 84 | -46 | 94 | 45 | -171 | 0.0390 | 0.7118 | 0.0322 | 0.1359 | 0.6896 | -0.1749 | JIZ | FUJ | SGN |
| 367 | 2000/06/27,06:35 | 34.1 | 139.4 | 8 | 3.9 | 6.91e14 | 82.84 | near Miyakejima island | 7 | 80 | -27 | 102 | 64 | -168 | -0.2421 | 0.8174 | -0.3388 | 0.2667 | 0.4286 | -0.0246 | JIZ | FUJ | SGN |
| 368 | 2000/06/27,06:37 | 34.1 | 139.4 | 8 | 4.2 | 2.51e15 | 90.90 | near Miyakejima island | 3 | 85 | -44 | 98 | 46 | -173 | -0.0790 | 0.7049 | -0.1187 | 0.1916 | 0.6797 | -0.1126 | JIZ | FUJ | SGN |
| 369 | 2000/06/27,06:45 | 34.1 | 139.4 | 5 | 4.2 | 2.27e15 | 91.89 | near Miyakejima island | 357 | 79 | -37 | 96 | 54 | -166 | 0.0795 | 0.7905 | -0.1128 | 0.1644 | 0.5606 | -0.2439 | JIZ | FUJ | SGN |
| 370 | 2000/06/27,06:47 | 34.1 | 139.4 | 5 | 4.1 | 1.45e15 | 88.88 | near Miyakejima island | 313 | 82 | -60 | 56 | 31 | -165 | 0.6155 | 0.0994 | 0.5850 | -0.3907 | 0.5975 | -0.2247 | JIZ | FUJ | SGN |
| 371 | 2000/06/27,06:55 | 34.1 | 139.4 | 11 | 3.8 | 5.05e14 | 80.25 | near Miyakejima island | 15 | 75 | -17 | 110 | 74 | -164 | -0.4486 | 0.7611 | -0.2931 | 0.6208 | 0.1605 | -0.1722 | JIZ | FUJ | SGN |
| 372 | 2000/06/27,07:04 | 34.1 | 139.5 | 8 | 4.6 | 9.58e15 | 83.65 | near Miyakejima island | 355 | 84 | -39 | 90 | 51 | -172 | 0.1336 | 0.7762 | 0.0071 | 0.0234 | 0.6142 | -0.1570 | JIZ | FUJ | SGN |
| 373 | 2000/06/27,07:18 | 34.1 | 139.4 | 8 | 3.7 | 4.25e14 | 81.23 | near Miyakejima island | 4 | 81 | -50 | 104 | 41 | -166 | -0.1116 | 0.6161 | -0.0863 | 0.3596 | 0.7179 | -0.2479 | JIZ | FUJ | SGN |
| 374 | 2000/06/27,07:49 | 34.1 | 139.4 | 8 | 4.0 | 1.02e15 | 93.66 | near Miyakejima island | 3 | 89 | -40 | 93 | 50 | -179 | -0.0786 | 0.7645 | -0.0521 | 0.0840 | 0.6369 | -0.0054 | JIZ | FUJ | SGN |
| 375 | 2000/06/27,07:54 | 34.1 | 139.4 | 11 | 3.6 | 3.31e14 | 87.63 | near Miyakejima island | 9 | 82 | -35 | 104 | 56 | -171 | -0.2401 | 0.7579 | -0.0605 | 0.4859 | 0.5198 | -0.2458 | JIZ | | |
| 376 | 2000/06/27,08:09 | 34.1 | 139.5 | 5 | 4.9 | 2.12e16 | 94.69 | near Miyakejima island | 355 | 82 | -46 | 93 | 45 | -169 | 0.1151 | 0.7028 | 0.0062 | 0.0826 | 0.6903 | -0.1977 | JIZ | FUJ | SGN |
| 377 | 2000/06/27,08:15 | 34.1 | 139.4 | 5 | 3.9 | 8.97e14 | 62.78 | near Miyakejima island | 4 | 70 | -47 | 115 | 46 | -151 | -0.1137 | 0.6019 | -0.2386 | 0.5991 | 0.5276 | -0.4854 | JIZ | SGN | |
| 378 | 2000/06/27,08:21 | 34.1 | 139.4 | 8 | 3.8 | 6.07e14 | 73.25 | near Miyakejima island | 195 | 86 | 40 | 101 | 50 | 175 | -0.3761 | 0.6859 | -0.1023 | 0.2844 | 0.6355 | 0.0917 | JIZ | FUJ | SGN |
| 379 | 2000/06/27,08:31 | 34.1 | 139.5 | 23 | 4.2 | 2.61e15 | 87.01 | near Miyakejima island | 15 | 88 | -15 | 105 | 75 | -178 | -0.4278 | 0.8327 | -0.0594 | 0.5505 | 0.2425 | -0.1227 | FUJ | SGN | NAA |
| 380 | 2000/06/27,08:33 | 34.1 | 139.5 | 5 | 4.1 | 1.71e15 | 85.45 | near Miyakejima island | 97 | 65 | -151 | 353 | 64 | -28 | 0.1879 | 0.8076 | -0.3569 | 0.1803 | 0.3433 | -0.3682 | JIZ | FUJ | SGN |
| 381 | 2000/06/27,08:38 | 34.1 | 139.4 | 11 | 3.7 | 4.45e14 | 74.25 | near Miyakejima island | 359 | 80 | -36 | 97 | 55 | -167 | 0.0195 | 0.8044 | -0.1097 | 0.2087 | 0.5419 | -0.2282 | JIZ | FUJ | TTO |
| 382 | 2000/06/27,08:48 | 34.1 | 139.4 | 11 | 3.6 | 3.25e14 | 59.62 | near Miyakejima island | 16 | 83 | -27 | 110 | 63 | -173 | -0.4388 | 0.7135 | -0.1167 | 0.6577 | 0.4005 | -0.2189 | JIZ | FUJ | SGN |
| 383 | 2000/06/27,08:51 | 34.1 | 139.4 | 5 | 4.1 | 1.70e15 | 93.66 | near Miyakejima island | 242 | 70 | -155 | 143 | 67 | -22 | 1.0092 | 0.3729 | 0.1165 | -0.6262 | -0.3091 | -0.3830 | JIZ | FUJ | SGN |
| 384 | 2000/06/27,08:58 | 34.1 | 139.4 | 8 | 4.1 | 1.57e15 | 94.64 | near Miyakejima island | 91 | 76 | -165 | 358 | 76 | -15 | 0.0622 | 0.9339 | -0.2460 | 0.0219 | 0.2500 | -0.0841 | JIZ | FUJ | SGN |
| 385 | 2000/06/27,09:07 | 34.1 | 139.5 | 5 | 4.2 | 2.43e15 | 87.24 | near Miyakejima island | 340 | 66 | -37 | 87 | 56 | -151 | 0.5315 | 0.7187 | -0.1302 | -0.0662 | 0.4623 | -0.4653 | JIZ | FUJ | SGN |
| 386 | 2000/06/27,09:13 | 34.1 | 139.4 | 8 | 3.7 | 3.38e14 | 86.99 | near Miyakejima island | 9 | 83 | -36 | 104 | 54 | -172 | -0.2436 | 0.7423 | -0.1409 | 0.4057 | 0.5557 | -0.1620 | JIZ | FUJ | SGN |
| 387 | 2000/06/27,09:21 | 34.1 | 139.5 | 8 | 4.4 | 4.02e15 | 93.00 | near Miyakejima island | 9 | 86 | -31 | 101 | 59 | -176 | -0.2501 | 0.8002 | -0.0649 | 0.3784 | 0.5002 | -0.1284 | JIZ | FUJ | SGN |
| 388 | 2000/06/27,09:42 | 34.1 | 139.4 | 8 | 4.2 | 2.21e15 | 94.33 | near Miyakejima island | 2 | 84 | -39 | 97 | 51 | -173 | -0.0601 | 0.7639 | -0.1267 | 0.1722 | 0.6182 | -0.1121 | JIZ | FUJ | SGN |
| 389 | 2000/06/27,09:50 | 34.1 | 139.4 | 5 | 3.8 | 5.88e14 | 87.63 | near Miyakejima island | 5 | 84 | -45 | 101 | 45 | -172 | -0.1184 | 0.6807 | -0.1627 | 0.2482 | 0.6828 | -0.1298 | JIZ | FUJ | SGN |
| 390 | 2000/06/27,09:55 | 34.1 | 139.5 | 5 | 4.5 | 6.12e15 | 94.29 | near Miyakejima island | 2 | 82 | -46 | 100 | 45 | -169 | -0.0630 | 0.6956 | -0.0479 | 0.2770 | 0.6769 | -0.2140 | JIZ | FUJ | SGN |
| 391 | 2000/06/27,09:59 | 34.1 | 139.4 | 5 | 4.1 | 1.78e15 | 91.61 | near Miyakejima island | 349 | 78 | -28 | 85 | 63 | -167 | 0.2933 | 0.8180 | -0.1710 | -0.1984 | 0.4968 | -0.0950 | JIZ | FUJ | SGN |
| 392 | 2000/06/27,10:03 | 34.1 | 139.4 | 5 | 4.3 | 3.03e15 | 93.65 | near Miyakejima island | 150 | 76 | -22 | 245 | 68 | -165 | 0.8823 | 0.5294 | -0.0199 | -0.6215 | -0.3408 | -0.2608 | JIZ | FUJ | SGN |
| 393 | 2000/06/27,10:08 | 34.1 | 139.5 | 8 | 4.1 | 1.67e15 | 91.77 | near Miyakejima island | 9 | 78 | -25 | 105 | 66 | -167 | -0.2627 | 0.8218 | -0.1976 | 0.4859 | 0.3415 | -0.2232 | JIZ | FUJ | SGN |
| 394 | 2000/06/27,10:36 | 34.1 | 139.4 | 5 | 4.0 | 9.84e14 | 94.18 | near Miyakejima island | 148 | 78 | -22 | 243 | 68 | -167 | 0.8494 | 0.4762 | -0.0108 | -0.6915 | -0.4001 | -0.1579 | JIZ | FUJ | SGN |
| 395 | 2000/06/27,10:45 | 34.1 | 139.4 | 5 | 3.9 | 7.54e14 | 93.89 | near Miyakejima island | 6 | 81 | -36 | 103 | 54 | -169 | -0.1679 | 0.7459 | -0.3085 | 0.2731 | 0.5606 | -0.1052 | JIZ | FUJ | SGN |
| 396 | 2000/06/27,10:49 | 34.1 | 139.4 | 5 | 4.0 | 9.52e14 | 90.38 | near Miyakejima island | 355 | 79 | -48 | 97 | 43 | -164 | 0.1128 | 0.6699 | -0.0806 | 0.1601 | 0.6996 | -0.2729 | JIZ | FUJ | SGN |
| 397 | 2000/06/27,10:57 | 34.1 | 139.4 | 5 | 4.0 | 1.09e15 | 94.54 | near Miyakejima island | 6 | 89 | -50 | 97 | 40 | -178 | -0.1420 | 0.6325 | -0.0945 | 0.1683 | 0.7582 | -0.0263 | JIZ | FUJ | SGN |
| 398 | 2000/06/27,11:07 | 34.1 | 139.4 | 5 | 4.1 | 1.74e15 | 94.84 | near Miyakejima island | 3 | 83 | -43 | 99 | 48 | -170 | -0.0600 | 0.7119 | -0.1769 | 0.2042 | 0.6537 | -0.1442 | JIZ | FUJ | SGN |
| 399 | 2000/06/27,11:13 | 34.1 | 139.4 | 5 | 4.4 | 3.98e15 | 94.40 | near Miyakejima island | 2 | 87 | -48 | 96 | 43 | -175 | -0.0482 | 0.6698 | -0.0495 | 0.1406 | 0.7309 | -0.0923 | JIZ | FUJ | SGN |
| 400 | 2000/06/27,11:19 | 34.1 | 139.4 | 8 | 4.4 | 4.93e15 | 94.90 | near Miyakejima island | 98 | 74 | -160 | 2 | 71 | -17 | -0.0749 | 0.8896 | -0.3393 | 0.2284 | 0.2300 | -0.1536 | JIZ | SGN | NAA |
| 401 | 2000/06/27,11:24 | 34.1 | 139.5 | 5 | 4.4 | 4.84e15 | 92.69 | near Miyakejima island | 354 | 79 | -37 | 93 | 54 | -166 | 0.1544 | 0.7894 | -0.1043 | 0.0664 | 0.5716 | -0.2208 | JIZ | FUJ | SGN |
| 402 | 2000/06/27,11:37 | 34.1 | 139.4 | 8 | 3.8 | 6.08e14 | 91.61 | near Miyakejima island | 6 | 81 | -33 | 102 | 57 | -169 | -0.1647 | 0.7891 | -0.2079 | 0.3224 | 0.5067 | -0.1578 | JIZ | FUJ | SGN |
| 403 | 2000/06/27,11:40 | 34.1 | 139.4 | 8 | 3.8 | 5.66e14 | 80.06 | near Miyakejima island | 187 | 88 | 51 | 95 | 39 | 177 | -0.1628 | 0.6079 | -0.0491 | 0.1204 | 0.7806 | 0.0425 | JIZ | SGN | |
| 404 | 2000/06/27,11:44 | 34.1 | 139.4 | 5 | 4.3 | 2.94e15 | 94.07 | near Miyakejima island | 336 | 82 | -41 | 73 | 50 | -169 | 0.5799 | 0.5585 | 0.1154 | -0.4151 | 0.6391 | -0.1648 | JIZ | FUJ | SGN |
| 405 | 2000/06/27,11:47 | 34.1 | 139.4 | 5 | 3.7 | 4.02e14 | 75.10 | near Miyakejima island | 349 | 82 | -26 | 83 | 64 | -171 | 0.2850 | 0.8332 | -0.1338 | -0.2728 | 0.4795 | -0.0122 | JIZ | FUJ | SGN |
| 406 | 2000/06/27,11:50 | 34.1 | 139.4 | 11 | 3.9 | 8.55e14 | 81.02 | near Miyakejima island | 175 | 79 | 58 | 68 | 33 | 160 | 0.1099 | 0.4776 | 0.1571 | -0.4188 | 0.7786 | 0.3089 | JIZ | | |
| 407 | 2000/06/27,12:04 | 34.1 | 139.4 | 8 | 4.0 | 1.03e15 | 74.69 | near Miyakejima island | 273 | 90 | 136 | 3 | 46 | 0 | 0.0062 | 0.7208 | -0.6889 | 0.0390 | -0.1734 | -0.0451 | JIZ | SGN | |
| 408 | 2000/06/27,12:11 | 34.1 | 139.5 | 5 | 4.5 | 6.22e15 | 94.06 | near Miyakejima island | 350 | 79 | -38 | 88 | 53 | -167 | 0.2810 | 0.7500 | -0.0950 | -0.0898 | 0.6093 | -0.1912 | JIZ | FUJ | SGN |
| 409 | 2000/06/27,12:23 | 34.1 | 139.4 | 5 | 3.9 | 8.38e14 | 89.99 | near Miyakejima island | 93 | 73 | -151 | 354 | 63 | -19 | 0.1334 | 0.8316 | -0.4425 | 0.0842 | 0.2867 | -0.2176 | JIZ | FUJ | SGN |
| 410 | 2000/06/27,12:25 | 34.1 | 139.4 | 11 | 3.6 | 2.93e14 | 60.01 | near Miyakejima island | 3 | 85 | -24 | 95 | 66 | -175 | -0.1094 | 0.9005 | -0.1329 | 0.1354 | 0.4012 | -0.0260 | JIZ | FUJ | SGN |
| 411 | 2000/06/27,12:34 | 34.1 | 139.5 | 5 | 4.6 | 8.35e15 | 93.05 | near Miyakejima island | 3 | 83 | -45 | 100 | 45 | -170 | -0.0829 | 0.6881 | -0.0716 | 0.2728 | 0.6824 | -0.1900 | JIZ | FUJ | SGN |
| 412 | 2000/06/27,12:36 | 34.1 | 139.4 | 5 | 3.9 | 6.91e14 | 78.19 | near Miyakejima island | 93 | 74 | -157 | 356 | 68 | -18 | 0.1289 | 0.8892 | -0.3409 | 0.0895 | 0.2411 | -0.2184 | JIZ | FUJ | SGN |
| 413 | 2000/06/27,12:49 | 34.1 | 139.4 | 8 | 3.9 | 7.77e14 | 92.46 | near Miyakejima island | 358 | 78 | -29 | 95 | 62 | -167 | 0.0406 | 0.8503 | -0.2191 | 0.0985 | 0.4694 | -0.1391 | JIZ | FUJ | SGN |
| 414 | 2000/06/27,13:11 | 34.1 | 139.4 | 8 | 3.6 | 2.42e14 | 70.30 | near Miyakejima island | 101 | 77 | -157 | 6 | 68 | -14 | -0.1936 | 0.8576 | -0.3920 | 0.3414 | 0.1567 | -0.1479 | JIZ | SGN | NAA |
| 415 | 2000/06/27,13:34 | 34.1 | 139.4 | 8 | 3.7 | 4.73e14 | 71.46 | near Miyakejima island | 96 | 84 | -155 | 3 | 65 | -7 | -0.0378 | 0.9011 | -0.4005 | 0.2008 | 0.0037 | -0.1630 | FUJ | SGN | NAA |
| 416 | 2000/06/27,13:36 | 34.1 | 139.4 | 8 | 4.0 | 1.15e15 | 92.79 | near Miyakejima island | 8 | 88 | -34 | 100 | 56 | -177 | -0.2281 | 0.7887 | -0.0713 | 0.3052 | 0.5469 | -0.0771 | JIZ | FUJ | SGN |
| 417 | 2000/06/27,13:43 | 34.1 | 139.5 | 8 | 4.3 | 3.31e15 | 94.30 | near Miyakejima island | 356 | 81 | -40 | 94 | 51 | -168 | 0.0875 | 0.7726 | -0.0359 | 0.1403 | 0.6042 | -0.2277 | JIZ | FUJ | SGN |
| 418 | 2000/06/27,15:22 | 34.1 | 139.5 | 5 | 4.7 | 1.17e16 | 90.68 | near Miyakejima island | 352 | 79 | -41 | 91 | 50 | -166 | 0.2078 | 0.7591 | -0.0194 | 0.0463 | 0.6146 | -0.2541 | JIZ | FUJ | SGN |
| 419 | 2000/06/27,15:24 | 34.1 | 139.4 | 5 | 4.3 | 3.46e15 | 89.02 | near Miyakejima island | 358 | 88 | -46 | 91 | 44 | -177 | 0.0482 | 0.6947 | -0.0249 | 0.0073 | 0.7192 | -0.0555 | JIZ | FUJ | SGN |
| 420 | 2000/06/27,15:30 | 34.1 | 139.4 | 5 | 4.0 | 1.17e15 | 88.32 | near Miyakejima island | 89 | 72 | -154 | 351 | 66 | -19 | 0.1890 | 0.8241 | -0.4181 | -0.0587 | 0.3840 | -0.1303 | JIZ | FUJ | SGN |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 421 | 2000/06/27,15:36 | 34.1 | 139.4 | 8 | 3.9 | 8.68e14 | 86.03 | near Miyakejima island | 8 | 80 | -23 | 102 | 68 | -169 | -0.2327 | 0.8604 | -0.1993 | 0.3660 | 0.3408 | -0.1333 | JIZ | FUJ | SGN |
| 422 | 2000/06/27,15:44 | 33.8 | 135.3 | 53 | 3.8 | 4.83e14 | 67.76 | central Wakayama pref | 159 | 46 | -89 | 337 | 44 | -91 | 0.1029 | 0.3614 | -0.0040 | 0.8755 | -0.0539 | -0.9784 | KIS | ISI | ABU |
| 423 | 2000/06/27,15:55 | 34.1 | 139.4 | 11 | 3.9 | 6.81e14 | 76.26 | near Miyakejima island | 360 | 89 | -40 | 90 | 50 | -179 | 0.0093 | 0.7684 | -0.0217 | -0.0004 | 0.6391 | -0.0089 | JIZ | SGN | NAA |
| 424 | 2000/06/27,16:08 | 34.1 | 139.4 | 5 | 4.4 | 4.91e15 | 92.80 | near Miyakejima island | 357 | 84 | -48 | 94 | 42 | -170 | 0.0787 | 0.6663 | -0.0333 | 0.0890 | 0.7308 | -0.1677 | JIZ | FUJ | SGN |
| 425 | 2000/06/27,17:08 | 34.1 | 139.4 | 5 | 4.0 | 1.31e15 | 88.56 | near Miyakejima island | 282 | 53 | -95 | 111 | 37 | -83 | 0.8644 | 0.2556 | 0.2880 | 0.1085 | 0.0010 | -0.9728 | SGN | TTO | ONS |
| 426 | 2000/06/27,17:48 | 34.1 | 139.4 | 11 | 3.8 | 6.67e14 | 90.42 | near Miyakejima island | 89 | 86 | -161 | 357 | 71 | -4 | 0.0353 | 0.9369 | -0.3351 | -0.0766 | 0.1153 | 0.0413 | SGN | TTO | ONS |
| 427 | 2000/06/27,18:05 | 34.1 | 139.4 | 17 | 3.6 | 2.50e14 | 74.50 | near Miyakejima island | 102 | 85 | -161 | 10 | 71 | -5 | -0.3064 | 0.8774 | -0.3237 | 0.3963 | -0.0063 | -0.0899 | SGN | ONS | |
| 428 | 2000/06/27,18:24 | 34.1 | 139.4 | 8 | 3.8 | 5.32e14 | 69.60 | near Miyakejima island | 99 | 74 | 17 | 4 | 73 | 163 | 0.1674 | -0.8849 | 0.3296 | -0.2630 | -0.2492 | 0.0955 | SGN | TTO | ONS |
| 429 | 2000/06/27,18:46 | 34.1 | 139.4 | 11 | 4.4 | 4.91e15 | 91.68 | near Miyakejima island | 17 | 79 | -20 | 111 | 71 | -169 | -0.4964 | 0.7298 | -0.2246 | 0.6698 | 0.2427 | -0.1734 | JIZ | FUJ | SGN |
| 430 | 2000/06/27,19:03 | 34.1 | 139.4 | 20 | 3.4 | 1.47e14 | 58.64 | near Miyakejima island | 275 | 76 | 150 | 13 | 61 | 16 | -0.5431 | 0.8630 | -0.3292 | 0.0920 | -0.0085 | 0.4510 | SGN | ONS | YMZ |
| 431 | 2000/06/27,19:17 | 34.1 | 139.4 | 5 | 4.2 | 1.92e15 | 79.37 | near Miyakejima island | 357 | 84 | -51 | 94 | 39 | -171 | 0.0863 | 0.6258 | -0.0408 | 0.0681 | 0.7689 | -0.1544 | JIZ | FUJ | SGN |
| 432 | 2000/06/27,19:19 | 34.1 | 139.4 | 5 | 3.8 | 5.28e14 | 79.10 | near Miyakejima island | 72 | 77 | -166 | 339 | 76 | -14 | 0.6333 | 0.7312 | -0.1461 | -0.5566 | 0.2937 | -0.0767 | JIZ | FUJ | SGN |
| 433 | 2000/06/27,19:26 | 34.1 | 139.5 | 8 | 4.1 | 1.54e15 | 89.81 | near Miyakejima island | 7 | 78 | -26 | 103 | 65 | -166 | -0.1979 | 0.8373 | -0.2130 | 0.4103 | 0.3653 | -0.2124 | JIZ | SGN | NAA |
| 434 | 2000/06/27,19:53 | 34.1 | 139.4 | 20 | 3.6 | 2.57e14 | 63.91 | near Miyakejima island | 104 | 87 | -169 | 14 | 79 | -3 | -0.4510 | 0.8683 | -0.1956 | 0.4576 | 0.0039 | -0.0066 | SGN | NAA | ONS |
| 435 | 2000/06/27,20:14 | 34.1 | 139.4 | 8 | 4.2 | 2.03e15 | 94.41 | near Miyakejima island | 359 | 86 | -38 | 92 | 52 | -175 | 0.0182 | 0.7844 | -0.0473 | 0.0554 | 0.6160 | -0.0736 | JIZ | FUJ | SGN |
| 436 | 2000/06/27,20:26 | 34.1 | 139.4 | 5 | 3.9 | 8.23e14 | 86.70 | near Miyakejima island | 342 | 72 | -33 | 83 | 59 | -159 | 0.4573 | 0.6957 | -0.2004 | -0.2199 | 0.5838 | -0.2374 | FUJ | SGN | ONS |
| 437 | 2000/06/27,20:43 | 34.1 | 139.4 | 5 | 4.0 | 1.27e15 | 82.31 | near Miyakejima island | 255 | 71 | -107 | 119 | 25 | -49 | 0.6686 | 0.1044 | 0.7111 | -0.0726 | -0.2963 | -0.5960 | SGN | TTO | ONS |
| 438 | 2000/06/27,21:44 | 34.1 | 139.4 | 11 | 3.7 | 4.18e14 | 72.53 | near Miyakejima island | 273 | 84 | 151 | 7 | 61 | 7 | -0.3142 | 0.8692 | -0.4479 | 0.0602 | 0.0280 | 0.2540 | SGN | ONS | |
| 439 | 2000/06/27,22:49 | 34.1 | 139.4 | 5 | 3.7 | 3.40e14 | 85.65 | near Miyakejima island | 339 | 86 | 19 | 247 | 71 | 176 | 0.6914 | 0.6850 | -0.2456 | -0.5948 | -0.2631 | -0.0966 | TTO | ONS | |
| 440 | 2000/06/27,23:02 | 34.1 | 139.4 | 5 | 3.9 | 7.79e14 | 88.05 | near Miyakejima island | 240 | 69 | -115 | 112 | 32 | -43 | 0.7455 | -0.0093 | 0.4873 | -0.1000 | -0.5345 | -0.6455 | TTO | ONS | |
| 441 | 2000/06/27,23:39 | 34.1 | 139.4 | 11 | 3.7 | 4.55e14 | 88.86 | near Miyakejima island | 266 | 80 | 157 | 360 | 68 | 11 | -0.0339 | 0.9173 | -0.3535 | -0.1522 | -0.0909 | 0.1861 | TTO | ONS | |
| 442 | 2000/06/28,01:03 | 34.1 | 139.4 | 5 | 4.2 | 2.31e15 | 83.88 | near Miyakejima island | 290 | 55 | -91 | 112 | 35 | -89 | 0.7646 | 0.2288 | 0.3118 | 0.2693 | 0.1010 | -1.0339 | SGN | TTO | ONS |
| 443 | 2000/06/28,01:52 | 34.1 | 139.5 | 5 | 4.4 | 4.83e15 | 85.60 | near Miyakejima island | 1 | 83 | -42 | 97 | 48 | -171 | -0.0203 | 0.7235 | -0.1523 | 0.1563 | 0.6581 | -0.1360 | JIZ | FUJ | SGN |
| 444 | 2000/06/28,01:55 | 34.1 | 139.4 | 5 | 3.9 | 8.13e14 | 83.89 | near Miyakejima island | 348 | 68 | -26 | 88 | 66 | -156 | 0.3486 | 0.8204 | -0.2704 | -0.0660 | 0.3905 | -0.2826 | SGN | TTO | ONS |
| 445 | 2000/06/28,02:09 | 34.1 | 139.4 | 5 | 4.3 | 2.96e15 | 91.78 | near Miyakejima island | 1 | 79 | -31 | 98 | 60 | -167 | -0.0466 | 0.8161 | -0.2944 | 0.1428 | 0.5089 | -0.0962 | FUJ | SGN | NAA |
| 446 | 2000/06/28,02:21 | 34.1 | 139.4 | 8 | 4.2 | 2.01e15 | 80.47 | near Miyakejima island | 2 | 76 | -15 | 96 | 75 | -165 | -0.0553 | 0.9343 | -0.2253 | 0.2241 | 0.2031 | -0.1688 | FUJ | SGN | NAA |
| 447 | 2000/06/28,02:33 | 34.1 | 139.4 | 8 | 3.5 | 2.17e14 | 68.80 | near Miyakejima island | 297 | 83 | 145 | 33 | 55 | 9 | -0.8058 | 0.3983 | -0.4556 | 0.6320 | -0.3050 | 0.1738 | FUJ | TTO | |
| 448 | 2000/06/28,02:38 | 34.1 | 139.4 | 5 | 4.0 | 1.08e15 | 83.71 | near Miyakejima island | 328 | 83 | -18 | 60 | 72 | -172 | 0.8766 | 0.4465 | 0.0588 | -0.7816 | 0.3110 | -0.0949 | JIZ | FUJ | SGN |
| 449 | 2000/06/28,02:43 | 34.1 | 139.4 | 5 | 3.9 | 7.75e14 | 67.84 | near Miyakejima island | 280 | 82 | 149 | 15 | 59 | 9 | -0.4252 | 0.7721 | -0.4668 | 0.2947 | -0.2086 | 0.1305 | SGN | TTO | ONS |
| 450 | 2000/06/28,02:45 | 34.1 | 139.4 | 5 | 4.1 | 1.84e15 | 86.17 | near Miyakejima island | 147 | 83 | -16 | 239 | 74 | -173 | 0.9114 | 0.4105 | -0.0504 | -0.8174 | -0.2736 | -0.0939 | JIZ | FUJ | SGN |
| 451 | 2000/06/28,02:51 | 34.1 | 139.4 | 5 | 3.9 | 8.17e14 | 90.05 | near Miyakejima island | 78 | 84 | -151 | 345 | 61 | -6 | 0.4637 | 0.7706 | -0.4485 | -0.3549 | 0.1710 | -0.1088 | FUJ | SGN | ONS |
| 452 | 2000/06/28,02:59 | 34.1 | 139.4 | 5 | 4.3 | 3.51e15 | 85.83 | near Miyakejima island | 73 | 72 | -158 | 336 | 69 | -19 | 0.6750 | 0.6794 | -0.2109 | -0.4687 | 0.3642 | -0.2062 | JIZ | FUJ | SGN |
| 453 | 2000/06/28,03:08 | 34.1 | 139.4 | 5 | 4.3 | 2.67e15 | 82.80 | near Miyakejima island | 356 | 85 | -45 | 92 | 45 | -173 | 0.0905 | 0.7037 | -0.0212 | 0.0382 | 0.7019 | -0.1287 | JIZ | FUJ | SGN |
| 454 | 2000/06/28,03:14 | 34.1 | 139.4 | 5 | 4.8 | 2.01e16 | 87.68 | near Miyakejima island | 298 | 50 | -101 | 135 | 41 | -77 | 0.6227 | 0.4001 | 0.2347 | 0.3950 | -0.0437 | -1.0177 | JIZ | FUJ | SGN |
| 455 | 2000/06/28,03:17 | 34.1 | 139.4 | 11 | 4.2 | 2.04e15 | 73.96 | near Miyakejima island | 9 | 80 | -20 | 102 | 71 | -170 | -0.2578 | 0.8711 | -0.1658 | 0.4259 | 0.2775 | -0.1680 | JIZ | SGN | NAA |
| 456 | 2000/06/28,03:24 | 34.1 | 139.4 | 5 | 3.8 | 6.33e14 | 67.52 | near Miyakejima island | 343 | 73 | -29 | 82 | 63 | -161 | 0.5964 | 0.8441 | 0.0353 | -0.1341 | 0.2870 | -0.4623 | FUJ | TTO | |
| 457 | 2000/06/28,03:40 | 34.1 | 139.4 | 8 | 4.5 | 7.23e15 | 94.24 | near Miyakejima island | 359 | 82 | -28 | 93 | 62 | -171 | 0.0066 | 0.8650 | -0.1945 | 0.0356 | 0.4739 | -0.0422 | JIZ | FUJ | SGN |
| 458 | 2000/06/28,04:02 | 34.1 | 139.4 | 5 | 3.8 | 5.25e14 | 82.09 | near Miyakejima island | 150 | 90 | -52 | 240 | 38 | -180 | 0.5146 | 0.3547 | -0.4603 | -0.5023 | -0.6417 | -0.0122 | FUJ | TTO | ONS |
| 459 | 2000/06/28,04:08 | 34.1 | 139.4 | 5 | 4.1 | 1.63e15 | 84.41 | near Miyakejima island | 92 | 69 | -151 | 350 | 63 | -24 | 0.3301 | 0.8610 | -0.3060 | 0.0812 | 0.2034 | -0.4113 | JIZ | FUJ | SGN |
| 460 | 2000/06/28,04:28 | 34.1 | 139.4 | 5 | 4.2 | 1.92e15 | 94.39 | near Miyakejima island | 150 | 90 | -27 | 240 | 63 | -180 | 0.7544 | 0.4450 | -0.1879 | -0.7907 | -0.4169 | 0.0363 | FUJ | SGN | ONS |
| 461 | 2000/06/28,04:37 | 34.1 | 139.4 | 5 | 4.3 | 3.38e15 | 95.34 | near Miyakejima island | 80 | 76 | -163 | 346 | 74 | -14 | 0.5036 | 0.8625 | -0.1790 | -0.2720 | 0.2096 | -0.2316 | JIZ | FUJ | SGN |
| 462 | 2000/06/28,04:50 | 34.1 | 139.4 | 8 | 4.1 | 1.85e15 | 86.92 | near Miyakejima island | 7 | 79 | -28 | 103 | 63 | -168 | -0.2107 | 0.8226 | -0.1713 | 0.4237 | 0.4035 | -0.2130 | JIZ | FUJ | SGN |
| 463 | 2000/06/28,04:56 | 34.1 | 139.4 | 5 | 4.3 | 2.70e15 | 67.52 | near Miyakejima island | 149 | 61 | -73 | 296 | 33 | -118 | 0.4259 | 0.5099 | -0.1653 | 0.3542 | -0.5041 | -0.7801 | JIZ | FUJ | SGN |
| 464 | 2000/06/28,05:20 | 34.1 | 139.4 | 8 | 4.8 | 1.52e16 | 92.62 | near Miyakejima island | 8 | 81 | -22 | 102 | 68 | -170 | -0.2185 | 0.8707 | -0.1025 | 0.4621 | 0.3106 | -0.2436 | JIZ | FUJ | SGN |
| 465 | 2000/06/28,05:32 | 34.1 | 139.3 | 5 | 4.0 | 1.23e15 | 83.37 | near Miyakejima island | 3 | 61 | -35 | 112 | 60 | -146 | -0.0837 | 0.7032 | -0.3811 | 0.5834 | 0.2545 | -0.4997 | JIZ | FUJ | SGN |
| 466 | 2000/06/28,05:34 | 34.1 | 139.4 | 11 | 3.9 | 9.23e14 | 60.70 | near Miyakejima island | 8 | 83 | -15 | 99 | 75 | -173 | -0.1667 | 0.9257 | -0.0658 | 0.4104 | 0.2100 | -0.2437 | JIZ | SGN | ONS |
| 467 | 2000/06/28,05:44 | 34.1 | 139.4 | 14 | 3.8 | 4.97e14 | 68.82 | near Miyakejima island | 87 | 85 | -156 | 355 | 66 | -5 | 0.1648 | 0.9032 | -0.3948 | -0.0943 | 0.0982 | -0.0705 | JIZ | SGN | |
| 468 | 2000/06/28,05:52 | 34.1 | 139.4 | 8 | 3.9 | 8.46e14 | 73.25 | near Miyakejima island | 81 | 89 | -146 | 351 | 56 | -1 | 0.2495 | 0.7941 | -0.5460 | -0.2489 | 0.1028 | -0.0006 | FUJ | SGN | ONS |
| 469 | 2000/06/28,05:59 | 34.1 | 139.4 | 8 | 3.8 | 6.68e14 | 67.17 | near Miyakejima island | 256 | 88 | 155 | 347 | 65 | 2 | 0.4639 | 0.7999 | -0.4432 | -0.3755 | -0.0084 | -0.0884 | FUJ | SGN | ONS |
| 470 | 2000/06/28,06:01 | 34.1 | 139.4 | 5 | 4.2 | 1.99e15 | 91.70 | near Miyakejima island | 84 | 76 | -157 | 348 | 68 | -15 | 0.2961 | 0.8291 | -0.3619 | -0.2409 | 0.3667 | -0.0551 | FUJ | SGN | ONS |
| 471 | 2000/06/28,06:07 | 34.2 | 139.4 | 5 | 4.0 | 9.90e14 | 73.25 | near Miyakejima island | 89 | 73 | -161 | 353 | 72 | -18 | 0.2284 | 0.9039 | -0.2532 | -0.0272 | 0.2713 | -0.2012 | FUJ | SGN | ONS |
| 472 | 2000/06/28,06:16 | 34.1 | 139.4 | 8 | 4.3 | 2.73e15 | 84.46 | near Miyakejima island | 0 | 84 | -40 | 95 | 50 | -173 | 0.0149 | 0.7477 | -0.1708 | 0.0620 | 0.6471 | -0.0769 | JIZ | FUJ | SGN |
| 473 | 2000/06/28,06:38 | 34.1 | 139.4 | 5 | 4.7 | 1.19e16 | 92.73 | near Miyakejima island | 89 | 70 | -144 | 345 | 56 | -24 | 0.4504 | 0.7704 | -0.4238 | -0.0360 | 0.2292 | -0.4144 | JIZ | FUJ | SGN |
| 474 | 2000/06/28,06:41 | 34.1 | 139.4 | 5 | 3.9 | 8.90e14 | 70.32 | near Miyakejima island | 63 | 72 | -156 | 325 | 67 | -20 | 0.7349 | 0.4007 | -0.1939 | -0.6969 | 0.6043 | -0.0380 | FUJ | SGN | ONS |
| 475 | 2000/06/28,06:48 | 34.1 | 139.4 | 11 | 4.1 | 1.35e15 | 86.44 | near Miyakejima island | 194 | 86 | 32 | 101 | 58 | 175 | -0.3941 | 0.7654 | -0.0606 | 0.3204 | 0.5349 | 0.0737 | FUJ | SGN | ONS |
| 476 | 2000/06/28,06:52 | 34.1 | 139.4 | 20 | 3.9 | 7.35e14 | 64.16 | near Miyakejima island | 96 | 76 | -165 | 2 | 75 | -15 | -0.0641 | 0.9298 | -0.2498 | 0.1910 | 0.2089 | -0.1269 | SGN | TTO | ONS |
| 477 | 2000/06/28,06:55 | 34.1 | 139.3 | 5 | 4.3 | 3.28e15 | 89.41 | near Miyakejima island | 89 | 80 | -161 | 356 | 72 | -11 | 0.1844 | 0.9409 | -0.2700 | 0.0208 | 0.1220 | -0.2052 | JIZ | FUJ | SGN |
| 478 | 2000/06/28,07:19 | 34.1 | 139.4 | 17 | 3.9 | 7.03e14 | 87.12 | near Miyakejima island | 9 | 81 | -31 | 104 | 60 | -169 | -0.2555 | 0.7822 | -0.2347 | 0.3948 | 0.4622 | -0.1393 | SGN | ONS | |
| 479 | 2000/06/28,07:21 | 34.1 | 139.3 | 11 | 4.1 | 1.40e15 | 83.72 | near Miyakejima island | 291 | 89 | 173 | 21 | 83 | 1 | -0.4866 | 0.7472 | -0.0882 | 0.8189 | -0.1097 | -0.3323 | FUJ | SGN | ONS |
| 480 | 2000/06/28,07:49 | 34.1 | 139.4 | 5 | 4.1 | 1.69e15 | 81.29 | near Miyakejima island | 346 | 69 | -31 | 88 | 61 | -156 | 0.4000 | 0.7995 | -0.1825 | -0.0414 | 0.4270 | -0.3587 | FUJ | SGN | ONS |
| 481 | 2000/06/28,07:51 | 34.1 | 139.4 | 8 | 4.4 | 4.26e15 | 90.80 | near Miyakejima island | 5 | 81 | -21 | 99 | 69 | -171 | -0.1250 | 0.9049 | -0.0917 | 0.3527 | 0.3108 | -0.2277 | FUJ | SGN | NAA |
| 482 | 2000/06/28,08:02 | 34.1 | 139.3 | 8 | 3.9 | 7.13e14 | 85.52 | near Miyakejima island | 81 | 82 | -170 | 349 | 80 | -8 | 0.3005 | 0.9121 | -0.1656 | -0.3640 | 0.1916 | 0.0635 | JIZ | FUJ | SGN |
| 483 | 2000/06/28,08:16 | 34.1 | 139.4 | 5 | 4.2 | 2.08e15 | 95.12 | near Miyakejima island | 335 | 77 | -33 | 74 | 58 | -165 | 0.6570 | 0.6202 | 0.0217 | -0.4309 | 0.5297 | -0.2261 | JIZ | FUJ | SGN |
| 484 | 2000/06/28,08:35 | 34.2 | 139.3 | 5 | 4.1 | 1.44e15 | 80.65 | near Niijima island | 152 | 72 | -29 | 251 | 63 | -160 | 0.7716 | 0.5816 | 0.0392 | -0.4778 | -0.4530 | -0.2938 | FUJ | SGN | NAA |
| 485 | 2000/06/28,08:43 | 34.1 | 139.3 | 5 | 4.2 | 2.65e15 | 83.32 | near Miyakejima island | 333 | 64 | -29 | 76 | 64 | -151 | 0.7346 | 0.6117 | -0.1888 | -0.3514 | 0.4282 | -0.3832 | JIZ | FUJ | SGN |
| 486 | 2000/06/28,08:45 | 34.1 | 139.4 | 17 | 3.8 | 5.53e14 | 68.10 | near Miyakejima island | 272 | 71 | 159 | 9 | 70 | 20 | -0.2292 | 0.8550 | -0.3257 | 0.0985 | -0.3689 | 0.1307 | SGN | ONS | |
| 487 | 2000/06/28,08:52 | 34.1 | 139.4 | 5 | 4.3 | 2.85e15 | 90.09 | near Miyakejima island | 345 | 82 | -37 | 81 | 54 | -171 | 0.4001 | 0.7060 | -0.0240 | -0.2918 | 0.6182 | -0.1084 | JIZ | FUJ | SGN |
| 488 | 2000/06/28,09:18 | 34.1 | 139.4 | 8 | 3.8 | 6.04e14 | 78.05 | near Miyakejima island | 186 | 88 | 50 | 93 | 40 | 176 | -0.0699 | 0.6478 | -0.1593 | -0.0086 | 0.7522 | 0.0785 | FUJ | SGN | ONS |
| 489 | 2000/06/28,09:25 | 34.1 | 139.4 | 5 | 5.3 | 8.76e16 | 95.94 | near Miyakejima island | 155 | 83 | -46 | 252 | 44 | -170 | 0.5562 | 0.5406 | -0.2836 | -0.3595 | -0.6290 | -0.1967 | JIZ | FUJ | SGN |
| 490 | 2000/06/28,09:31 | 34.1 | 139.4 | 5 | 4.5 | 6.65e15 | 92.73 | near Miyakejima island | 345 | 82 | -38 | 81 | 53 | -170 | 0.4121 | 0.7212 | 0.0684 | -0.2413 | 0.5897 | -0.1708 | JIZ | FUJ | SGN |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 491 | 2000/06/28,09:37 | 34.1 | 139.4 | 5 | 4.4 | 5.16e15 | 83.22 | near Miyakejima island | 135 | 53 | -83 | 303 | 37 | -99 | 0.5771 | 0.4511 | -0.1429 | 0.3924 | -0.2546 | -0.9695 | JIZ | FUJ | SGN |
| 492 | 2000/06/28,09:50 | 34.1 | 139.4 | 5 | 3.9 | 7.24e14 | 65.19 | near Miyakejima island | 81 | 73 | -156 | 343 | 67 | -19 | 0.5288 | 0.8000 | -0.2704 | -0.2533 | 0.2837 | -0.2755 | JIZ | SGN | ONS |
| 493 | 2000/06/28,09:59 | 34.1 | 139.4 | 5 | 4.1 | 1.73e15 | 81.53 | near Miyakejima island | 154 | 81 | -74 | 273 | 19 | -150 | 0.2866 | 0.2817 | -0.3480 | 0.0280 | -0.8439 | -0.3146 | SGN | TTO | ONS |
| 494 | 2000/06/28,10:02 | 34.1 | 139.3 | 5 | 4.0 | 1.26e15 | 86.83 | near Miyakejima island | 146 | 86 | -51 | 240 | 40 | -174 | 0.6146 | 0.3212 | -0.4488 | -0.5088 | -0.6203 | -0.1058 | FUJ | SGN | ONS |
| 495 | 2000/06/28,10:34 | 34.1 | 139.3 | 5 | 3.6 | 2.77e14 | 63.84 | near Miyakejima island | 160 | 78 | -52 | 265 | 40 | -161 | 0.4358 | 0.5598 | -0.1227 | -0.1119 | -0.7219 | -0.3239 | FUJ | SGN | ONS |
| 496 | 2000/06/28,10:44 | 34.1 | 139.4 | 8 | 4.2 | 2.31e15 | 91.17 | near Miyakejima island | 95 | 77 | -162 | 1 | 73 | -14 | -0.1123 | 0.9029 | -0.3629 | 0.0940 | 0.2757 | 0.0184 | SGN | TTO | ONS |
| 497 | 2000/06/28,11:38 | 34.1 | 139.4 | 5 | 3.9 | 7.10e14 | 89.79 | near Miyakejima island | 346 | 77 | -16 | 79 | 75 | -167 | 0.3865 | 0.8462 | -0.1851 | -0.3881 | 0.3386 | 0.0016 | FUJ | SGN | ONS |
| 498 | 2000/06/28,11:44 | 34.1 | 139.4 | 5 | 3.9 | 8.60e14 | 81.50 | near Miyakejima island | 132 | 52 | -56 | 264 | 49 | -126 | 0.8905 | 0.3684 | 0.0748 | -0.0951 | -0.3761 | -0.7954 | FUJ | SGN | ONS |
| 499 | 2000/06/28,11:46 | 34.1 | 139.4 | 5 | 3.8 | 6.14e14 | 89.52 | near Miyakejima island | 91 | 77 | -142 | 351 | 53 | -16 | 0.2492 | 0.7737 | -0.5540 | 0.0254 | 0.1550 | -0.2746 | FUJ | SGN | ONS |
| 500 | 2000/06/28,12:09 | 34.1 | 139.3 | 5 | 3.8 | 5.11e14 | 90.12 | near Miyakejima island | 352 | 76 | -26 | 89 | 64 | -164 | 0.2855 | 0.8966 | -0.0617 | 0.0450 | 0.3485 | -0.3305 | JIZ | FUJ | SGN |
| 501 | 2000/06/28,12:17 | 34.1 | 139.4 | 17 | 3.4 | 1.21e14 | 67.76 | near Miyakejima island | 264 | 85 | 174 | 355 | 84 | 5 | 0.2330 | 0.9678 | -0.1281 | -0.1392 | -0.0922 | -0.0939 | JIZ | SGN | |
| 502 | 2000/06/28,12:23 | 34.1 | 139.4 | 8 | 3.9 | 7.61e14 | 91.74 | near Miyakejima island | 3 | 80 | -49 | 104 | 42 | -165 | -0.0696 | 0.6292 | -0.1269 | 0.3279 | 0.7066 | -0.2583 | JIZ | FUJ | SGN |
| 503 | 2000/06/28,12:26 | 34.1 | 139.4 | 5 | 3.9 | 7.20e14 | 87.20 | near Miyakejima island | 249 | 82 | 165 | 342 | 75 | 9 | 0.5910 | 0.7378 | -0.3100 | -0.6061 | -0.0604 | 0.0151 | JIZ | FUJ | SGN |
| 504 | 2000/06/28,12:33 | 34.1 | 139.4 | 8 | 4.5 | 5.81e15 | 93.81 | near Miyakejima island | 2 | 84 | -37 | 96 | 54 | -173 | -0.0516 | 0.7897 | -0.1501 | 0.1345 | 0.5870 | -0.0830 | JIZ | FUJ | SGN |
| 505 | 2000/06/28,13:20 | 34.1 | 139.3 | 11 | 4.5 | 5.92e15 | 93.73 | near Miyakejima island | 6 | 81 | -41 | 104 | 50 | -168 | -0.1656 | 0.7090 | -0.1756 | 0.3795 | 0.5976 | -0.2139 | JIZ | FUJ | SGN |
| 506 | 2000/06/28,13:33 | 34.1 | 139.4 | 5 | 3.9 | 8.08e14 | 93.61 | near Miyakejima island | 99 | 78 | -159 | 5 | 70 | -13 | -0.2079 | 0.8726 | -0.3995 | 0.2450 | 0.2098 | -0.0371 | JIZ | FUJ | SGN |
| 507 | 2000/06/28,13:37 | 34.1 | 139.3 | 5 | 3.8 | 5.07e14 | 93.74 | near Miyakejima island | 345 | 77 | -26 | 81 | 65 | -165 | 0.4606 | 0.8189 | -0.0766 | -0.2349 | 0.4058 | -0.2257 | JIZ | FUJ | SGN |
| 508 | 2000/06/28,13:40 | 34.2 | 139.4 | 5 | 4.0 | 1.24e15 | 93.87 | near Miyakejima island | 352 | 83 | -17 | 84 | 73 | -173 | 0.2279 | 0.9185 | -0.0959 | -0.2206 | 0.3063 | -0.0073 | JIZ | FUJ | SGN |
| 509 | 2000/06/28,13:50 | 34.1 | 139.3 | 14 | 4.6 | 9.67e15 | 94.01 | near Miyakejima island | 1 | 83 | -21 | 94 | 69 | -173 | -0.0368 | 0.9257 | -0.1075 | 0.1425 | 0.3404 | -0.1057 | JIZ | FUJ | SGN |
| 510 | 2000/06/28,14:20 | 34.2 | 139.4 | 5 | 4.8 | 1.50e16 | 91.67 | near Miyakejima island | 344 | 65 | -45 | 97 | 50 | -147 | 0.3764 | 0.7005 | -0.1395 | 0.1652 | 0.5110 | -0.5416 | JIZ | FUJ | SGN |
| 511 | 2000/06/28,14:23 | 34.2 | 139.3 | 5 | 4.2 | 2.12e15 | 88.38 | near Niijima island | 337 | 72 | -49 | 86 | 44 | -154 | 0.5211 | 0.6056 | 0.0660 | -0.0765 | 0.6266 | -0.4446 | JIZ | FUJ | SGN |
| 512 | 2000/06/28,15:02 | 34.2 | 139.3 | 5 | 3.8 | 4.78e14 | 83.11 | near Niijima island | 335 | 76 | -32 | 74 | 59 | -163 | 0.6985 | 0.6483 | 0.0561 | -0.3916 | 0.4633 | -0.3069 | JIZ | FUJ | SGN |
| 513 | 2000/06/28,15:14 | 34.2 | 139.4 | 5 | 4.1 | 1.43e15 | 95.38 | near Miyakejima island | 331 | 74 | -53 | 81 | 40 | -155 | 0.5854 | 0.5004 | 0.1900 | -0.1734 | 0.6689 | -0.4120 | JIZ | FUJ | SGN |
| 514 | 2000/06/28,15:56 | 34.2 | 139.3 | 5 | 4.1 | 1.49e15 | 94.01 | near Niijima island | 151 | 83 | -53 | 251 | 38 | -168 | 0.5490 | 0.4083 | -0.3033 | -0.3551 | -0.7123 | -0.1939 | JIZ | FUJ | SGN |
| 515 | 2000/06/28,16:12 | 38.2 | 141.7 | 50 | 3.7 | 4.09e14 | 85.47 | Kinkazan region | 27 | 64 | 93 | 199 | 26 | 83 | -0.1117 | 0.2901 | 0.2995 | -0.6710 | -0.5375 | 0.7827 | KSN | YMZ | SBT |
| 516 | 2000/06/28,16:15 | 34.1 | 139.4 | 8 | 5.1 | 4.96e16 | 94.20 | near Miyakejima island | 96 | 79 | -167 | 3 | 78 | -12 | -0.0261 | 0.9569 | -0.1677 | 0.2593 | 0.1243 | -0.2332 | JIZ | FUJ | SGN |
| 517 | 2000/06/28,16:21 | 34.1 | 139.4 | 5 | 4.9 | 2.84e16 | 96.80 | near Miyakejima island | 150 | 81 | -31 | 246 | 60 | -169 | 0.7491 | 0.4812 | -0.0797 | -0.6351 | -0.5248 | -0.1140 | JIZ | FUJ | SGN |
| 518 | 2000/06/28,16:31 | 34.1 | 139.3 | 8 | 4.6 | 9.56e15 | 93.52 | near Miyakejima island | 11 | 81 | -22 | 104 | 68 | -170 | -0.3053 | 0.8323 | -0.1542 | 0.5003 | 0.3173 | -0.1950 | JIZ | FUJ | SGN |
| 519 | 2000/06/28,16:33 | 34.1 | 139.4 | 20 | 4.1 | 1.71e15 | 74.95 | near Miyakejima island | 91 | 79 | -166 | 358 | 76 | -11 | 0.0331 | 0.9454 | -0.2499 | 0.0070 | 0.2023 | -0.0401 | JIZ | SGN | NAA |
| 520 | 2000/06/28,16:48 | 34.1 | 139.4 | 5 | 4.2 | 2.40e15 | 94.59 | near Miyakejima island | 75 | 81 | -164 | 342 | 74 | -10 | 0.6436 | 0.8085 | -0.1918 | -0.4001 | 0.1379 | -0.2435 | JIZ | FUJ | SGN |
| 521 | 2000/06/28,16:54 | 34.1 | 139.4 | 5 | 4.0 | 9.67e14 | 80.65 | near Miyakejima island | 342 | 84 | -56 | 81 | 34 | -169 | 0.3252 | 0.5051 | 0.2002 | -0.1520 | 0.7915 | -0.1733 | JIZ | FUJ | SGN |
| 522 | 2000/06/28,17:02 | 34.1 | 139.4 | 5 | 4.7 | 1.39e16 | 95.86 | near Miyakejima island | 345 | 73 | -19 | 81 | 72 | -162 | 0.4617 | 0.8324 | -0.1969 | -0.2631 | 0.3234 | -0.1986 | JIZ | FUJ | SGN |
| 523 | 2000/06/28,17:27 | 34.1 | 139.4 | 5 | 3.9 | 8.65e14 | 88.74 | near Miyakejima island | 350 | 71 | -40 | 96 | 53 | -156 | 0.2423 | 0.8382 | 0.0124 | 0.2358 | 0.4282 | -0.4781 | JIZ | FUJ | SGN |
| 524 | 2000/06/28,17:39 | 34.1 | 139.4 | 5 | 3.7 | 3.55e14 | 69.87 | near Miyakejima island | 146 | 81 | -70 | 260 | 22 | -154 | 0.3887 | 0.3004 | -0.4790 | -0.1058 | -0.7500 | -0.2829 | JIZ | SGN | |
| 525 | 2000/06/28,17:42 | 34.1 | 139.4 | 8 | 4.0 | 1.19e15 | 94.26 | near Miyakejima island | 79 | 88 | -165 | 349 | 75 | -2 | 0.3932 | 0.8921 | -0.2392 | -0.3385 | 0.0653 | -0.0546 | JIZ | FUJ | SGN |
| 526 | 2000/06/28,18:05 | 34.1 | 139.4 | 5 | 4.1 | 1.82e15 | 94.56 | near Miyakejima island | 93 | 65 | -150 | 349 | 63 | -28 | 0.3090 | 0.8099 | -0.3229 | 0.0909 | 0.3303 | -0.3999 | JIZ | FUJ | SGN |
| 527 | 2000/06/28,18:08 | 34.1 | 139.4 | 8 | 3.7 | 3.92e14 | 77.36 | near Miyakejima island | 253 | 88 | 162 | 344 | 72 | 2 | 0.4388 | 0.8067 | -0.2739 | -0.5794 | 0.1146 | 0.1407 | JIZ | FUJ | SGN |
| 528 | 2000/06/28,18:11 | 34.1 | 139.4 | 8 | 3.7 | 4.22e14 | 74.31 | near Miyakejima island | 9 | 87 | -13 | 100 | 77 | -176 | -0.2299 | 0.9195 | -0.0328 | 0.4228 | 0.2114 | -0.1929 | FUJ | SGN | NAA |
| 529 | 2000/06/28,19:12 | 34.1 | 139.3 | 5 | 4.1 | 1.76e15 | 93.91 | near Miyakejima island | 341 | 74 | -24 | 78 | 67 | -163 | 0.5691 | 0.7690 | -0.1168 | -0.3379 | 0.3862 | -0.2312 | JIZ | FUJ | SGN |
| 530 | 2000/06/28,19:17 | 34.1 | 139.4 | 8 | 3.5 | 2.00e14 | 64.86 | near Miyakejima island | 13 | 87 | -30 | 104 | 60 | -177 | -0.3906 | 0.7731 | -0.2299 | 0.3600 | 0.4700 | 0.0305 | JIZ | FUJ | SGN |
| 531 | 2000/06/28,19:20 | 34.1 | 139.4 | 8 | 3.9 | 8.37e14 | 93.78 | near Miyakejima island | 1 | 80 | -31 | 97 | 60 | -168 | -0.0320 | 0.8335 | -0.2002 | 0.1731 | 0.4919 | -0.1411 | JIZ | FUJ | SGN |
| 532 | 2000/06/28,19:27 | 34.1 | 139.4 | 11 | 3.5 | 2.36e14 | 69.07 | near Miyakejima island | 109 | 84 | -147 | 15 | 57 | -8 | -0.3278 | 0.7309 | -0.4784 | 0.5452 | -0.1983 | -0.2174 | JIZ | SGN | |
| 533 | 2000/06/28,20:19 | 34.1 | 139.4 | 11 | 4.2 | 2.61e15 | 71.28 | near Miyakejima island | 281 | 88 | 161 | 12 | 71 | 2 | -0.3999 | 0.8688 | -0.3138 | 0.3509 | -0.0740 | 0.0490 | JIZ | SGN | NAA |
| 534 | 2000/06/28,20:30 | 34.1 | 139.4 | 11 | 3.9 | 6.73e14 | 75.36 | near Miyakejima island | 355 | 87 | -19 | 87 | 71 | -176 | 0.2340 | 0.9451 | 0.0756 | 0.0006 | 0.2962 | -0.2346 | JIZ | SGN | |
| 535 | 2000/06/28,21:38 | 27.0 | 127.3 | 74 | 4.5 | 5.53e15 | 82.69 | NW off Okinawajima is | 64 | 90 | -80 | 156 | 10 | -177 | -0.1280 | -0.1109 | -0.8827 | 0.1446 | 0.4372 | -0.0166 | AMM | | |
| 536 | 2000/06/28,22:17 | 34.1 | 139.4 | 17 | 4.3 | 3.19e15 | 88.53 | near Miyakejima island | 11 | 82 | -13 | 103 | 77 | -172 | -0.4450 | 0.8745 | -0.2355 | 0.3399 | 0.2119 | 0.1051 | JIZ | FUJ | SGN |
| 537 | 2000/06/28,22:40 | 34.1 | 139.3 | 5 | 4.7 | 1.24e16 | 96.05 | near Miyakejima island | 155 | 85 | -45 | 250 | 45 | -173 | 0.5512 | 0.5215 | -0.2604 | -0.4207 | -0.6418 | -0.1305 | JIZ | FUJ | SGN |
| 538 | 2000/06/28,22:50 | 34.1 | 139.3 | 8 | 4.0 | 1.09e15 | 93.62 | near Miyakejima island | 3 | 88 | -21 | 94 | 69 | -178 | -0.0368 | 0.9273 | 0.0474 | 0.2203 | 0.3446 | -0.1835 | JIZ | FUJ | SGN |
| 539 | 2000/06/28,23:15 | 34.1 | 139.4 | 5 | 4.3 | 3.67e15 | 94.32 | near Miyakejima island | 85 | 65 | -152 | 343 | 65 | -28 | 0.5045 | 0.7727 | -0.2504 | -0.1216 | 0.3683 | -0.3829 | JIZ | FUJ | SGN |
| 540 | 2000/06/28,23:50 | 34.2 | 139.4 | 8 | 4.7 | 1.23e16 | 94.25 | near Miyakejima island | 0 | 79 | -33 | 97 | 58 | -167 | -0.0002 | 0.8324 | -0.1277 | 0.2186 | 0.4949 | -0.2184 | JIZ | FUJ | SGN |
| 541 | 2000/06/29,00:13 | 42.9 | 146.2 | 32 | 3.5 | 2.17e14 | 78.56 | off Nemuro peninsula | 45 | 69 | 84 | 242 | 22 | 106 | -0.4334 | 0.3506 | 0.4965 | -0.2221 | -0.5440 | 0.6555 | NMR | URH | |
| 542 | 2000/06/29,00:52 | 34.2 | 139.4 | 8 | 4.4 | 4.12e15 | 92.79 | near Miyakejima island | 4 | 80 | -22 | 97 | 68 | -170 | -0.0734 | 0.9106 | -0.1044 | 0.3006 | 0.3180 | -0.2272 | JIZ | FUJ | SGN |
| 543 | 2000/06/29,01:04 | 34.1 | 139.4 | 5 | 3.9 | 9.10e14 | 77.38 | near Miyakejima island | 4 | 82 | -24 | 98 | 66 | -171 | -0.0915 | 0.8933 | -0.0800 | 0.3008 | 0.3697 | -0.2093 | JIZ | FUJ | SGN |
| 544 | 2000/06/29,01:16 | 34.1 | 139.4 | 8 | 5.0 | 3.60e16 | 95.29 | near Miyakejima island | 357 | 75 | -19 | 92 | 72 | -164 | 0.1332 | 0.9282 | -0.1965 | 0.0968 | 0.2569 | -0.2301 | JIZ | FUJ | SGN |
| 545 | 2000/06/29,01:27 | 34.1 | 139.4 | 8 | 4.1 | 1.61e15 | 89.35 | near Miyakejima island | 85 | 81 | -170 | 353 | 80 | -9 | 0.2788 | 0.9568 | -0.1269 | -0.1282 | 0.1385 | -0.1506 | JIZ | FUJ | SGN |
| 546 | 2000/06/29,01:31 | 34.1 | 139.4 | 8 | 4.2 | 2.45e15 | 84.23 | near Miyakejima island | 342 | 81 | -67 | 92 | 24 | -158 | 0.2543 | 0.3873 | 0.2145 | 0.0289 | 0.8532 | -0.2832 | JIZ | | |
| 547 | 2000/06/29,01:46 | 34.1 | 139.3 | 5 | 4.0 | 9.86e14 | 66.70 | near Miyakejima island | 334 | 48 | -70 | 125 | 46 | -111 | 0.3626 | 0.5735 | -0.1508 | 0.5446 | 0.1626 | -0.9072 | JIZ | NAA | |
| 548 | 2000/06/29,01:48 | 34.1 | 139.4 | 5 | 4.1 | 1.34e15 | 83.62 | near Miyakejima island | 8 | 74 | -28 | 106 | 63 | -162 | -0.2249 | 0.7854 | -0.2660 | 0.5011 | 0.3570 | -0.2763 | JIZ | FUJ | SGN |
| 549 | 2000/06/29,01:51 | 34.1 | 139.4 | 8 | 3.8 | 6.66e14 | 66.72 | near Miyakejima island | 7 | 83 | -44 | 104 | 47 | -170 | -0.1822 | 0.6786 | -0.1048 | 0.3775 | 0.6529 | -0.1953 | JIZ | SGN | |
| 550 | 2000/06/29,01:58 | 34.1 | 139.4 | 5 | 4.4 | 5.13e15 | 91.65 | near Miyakejima island | 345 | 77 | -39 | 85 | 52 | -164 | 0.3966 | 0.6951 | -0.0833 | -0.1612 | 0.6323 | -0.2354 | JIZ | FUJ | SGN |
| 551 | 2000/06/29,02:02 | 34.1 | 139.4 | 11 | 3.7 | 4.43e14 | 72.11 | near Miyakejima island | 181 | 89 | 23 | 90 | 67 | 179 | -0.0350 | 0.9230 | -0.0142 | -0.0094 | 0.3837 | 0.0444 | JIZ | FUJ | |
| 552 | 2000/06/29,02:48 | 34.1 | 139.4 | 5 | 3.8 | 6.19e14 | 83.11 | near Miyakejima island | 155 | 81 | -53 | 257 | 38 | -165 | 0.4800 | 0.5116 | -0.2763 | -0.2222 | -0.7025 | -0.2578 | JIZ | FUJ | SGN |
| 553 | 2000/06/29,02:56 | 34.3 | 139.2 | 5 | 5.1 | 5.27e16 | 81.06 | near Niijima island | 338 | 57 | -128 | 212 | 49 | -47 | -0.2436 | -0.1081 | 0.4406 | 0.9730 | 0.1639 | -0.7294 | TTO | NAA | ONS |
| 554 | 2000/06/29,03:11 | 34.2 | 139.3 | 5 | 5.2 | 7.27e16 | 70.82 | near Niijima island | 13 | 56 | -64 | 152 | 42 | -123 | -0.1149 | 0.1379 | -0.3192 | 0.9469 | 0.2796 | -0.8320 | FUJ | NAA | TTO |
| 555 | 2000/06/29,03:25 | 34.1 | 139.4 | 5 | 4.3 | 3.66e15 | 73.88 | near Miyakejima island | 157 | 71 | -55 | 271 | 39 | -149 | 0.4818 | 0.5462 | -0.0731 | 0.0211 | -0.6738 | -0.5029 | JIZ | FUJ | SGN |
| 556 | 2000/06/29,03:34 | 34.2 | 139.2 | 17 | 4.9 | 2.52e16 | 78.55 | near Niijima island | 116 | 68 | 155 | 216 | 67 | 24 | -0.9122 | 0.4124 | 0.1152 | 0.6062 | 0.4174 | 0.3061 | JIZ | NAA | TTO |
| 557 | 2000/06/29,03:41 | 34.2 | 139.2 | 5 | 4.3 | 3.17e15 | 84.27 | near Niijima island | 51 | 69 | -51 | 165 | 43 | -149 | -0.2895 | -0.4466 | -0.4971 | 0.8126 | 0.2552 | -0.5231 | JIZ | FUJ | SGN |
| 558 | 2000/06/29,03:53 | 34.1 | 139.4 | 5 | 4.1 | 1.39e15 | 88.69 | near Miyakejima island | 331 | 86 | 38 | 238 | 52 | 174 | 0.6490 | 0.3786 | -0.3427 | -0.7457 | -0.5020 | 0.0967 | JIZ | FUJ | SGN |
| 559 | 2000/06/29,03:55 | 34.1 | 139.4 | 8 | 3.9 | 8.78e14 | 81.25 | near Miyakejima island | 359 | 82 | -26 | 93 | 64 | -171 | 0.0215 | 0.8898 | -0.1082 | 0.1043 | 0.4279 | -0.1258 | JIZ | SGN | NAA |
| 560 | 2000/06/29,04:02 | 34.1 | 139.3 | 11 | 5.4 | 1.56e17 | 89.54 | near Miyakejima island | 11 | 89 | -19 | 101 | 71 | -179 | -0.2938 | 0.8744 | -0.0124 | 0.4280 | 0.3316 | -0.1342 | JIZ | FUJ | SGN |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 561 | 2000/06/29,04:20 | 34.1 | 139.4 | 5 | 4.2 | 1.96e15 | 76.42 | near Miyakejima island | 5 | 83 | -35 | 100 | 55 | -171 | -0.1402 | 0.7899 | -0.0913 | 0.3281 | 0.5408 | -0.1879 | JIZ | FUJ | SGN |
| 562 | 2000/06/29,04:30 | 34.1 | 139.4 | 5 | 4.4 | 4.95e15 | 95.49 | near Miyakejima island | 332 | 83 | -35 | 67 | 55 | -172 | 0.7118 | 0.5364 | 0.2151 | -0.5442 | 0.5059 | -0.1676 | JIZ | FUJ | SGN |
| 563 | 2000/06/29,04:33 | 34.1 | 139.4 | 17 | 3.9 | 8.49e14 | 62.86 | near Miyakejima island | 347 | 75 | -17 | 82 | 74 | -165 | 0.4027 | 0.8683 | -0.1810 | -0.2630 | 0.2959 | -0.1397 | JIZ | SGN | |
| 564 | 2000/06/29,04:39 | 34.1 | 139.4 | 8 | 3.8 | 6.60e14 | 68.18 | near Miyakejima island | 70 | 81 | -158 | 336 | 69 | -9 | 0.5554 | 0.6597 | -0.2818 | -0.6626 | 0.4090 | 0.1072 | JIZ | SGN | |
| 565 | 2000/06/29,04:48 | 34.1 | 139.4 | 11 | 4.7 | 1.13e16 | 93.12 | near Miyakejima island | 96 | 82 | -172 | 5 | 82 | -8 | -0.1052 | 0.9606 | -0.1149 | 0.2961 | 0.0930 | -0.1909 | JIZ | SGN | NAA |
| 566 | 2000/06/29,04:53 | 34.1 | 139.4 | 11 | 5.2 | 7.16e16 | 91.92 | near Miyakejima island | 99 | 81 | -171 | 8 | 81 | -9 | -0.2130 | 0.9379 | -0.1384 | 0.3634 | 0.1020 | -0.1504 | JIZ | FUJ | SGN |
| 567 | 2000/06/29,05:17 | 34.3 | 139.2 | 17 | 4.1 | 1.62e15 | 86.38 | near Niijima island | 55 | 89 | -10 | 145 | 80 | -179 | -1.0304 | -0.3300 | -0.1787 | 0.8263 | 0.0464 | 0.2041 | JIZ | FUJ | SGN |
| 568 | 2000/06/29,05:37 | 34.1 | 139.4 | 17 | 3.8 | 5.62e14 | 69.00 | near Miyakejima island | 356 | 87 | -14 | 87 | 76 | -177 | 0.1728 | 0.9642 | -0.0007 | -0.0604 | 0.2338 | -0.1124 | JIZ | FUJ | SGN |
| 569 | 2000/06/29,05:40 | 34.1 | 139.4 | 5 | 3.8 | 5.10e14 | 77.95 | near Miyakejima island | 240 | 78 | 166 | 333 | 76 | 12 | 0.7472 | 0.5086 | -0.2961 | -0.8555 | -0.0587 | 0.1083 | JIZ | FUJ | SGN |
| 570 | 2000/06/29,05:54 | 34.1 | 139.4 | 11 | 5.0 | 3.14e16 | 93.58 | near Miyakejima island | 1 | 80 | -16 | 94 | 74 | -170 | -0.0048 | 0.9495 | -0.1298 | 0.1899 | 0.2358 | -0.1852 | JIZ | FUJ | SGN |
| 571 | 2000/06/29,06:03 | 34.1 | 139.4 | 5 | 4.0 | 1.26e15 | 77.56 | near Miyakejima island | 170 | 69 | -35 | 274 | 57 | -155 | 0.3234 | 0.9194 | -0.0654 | 0.2292 | -0.2729 | -0.5526 | JIZ | FUJ | SGN |
| 572 | 2000/06/29,06:16 | 34.2 | 139.4 | 5 | 4.1 | 1.45e15 | 90.57 | near Miyakejima island | 8 | 79 | -35 | 105 | 55 | -167 | -0.2065 | 0.7475 | -0.1859 | 0.4479 | 0.5034 | -0.2415 | JIZ | FUJ | SGN |
| 573 | 2000/06/29,06:21 | 34.2 | 139.4 | 5 | 3.8 | 5.04e14 | 64.26 | near Miyakejima island | 341 | 55 | -115 | 200 | 42 | -59 | -0.1604 | -0.0059 | 0.3104 | 0.9940 | 0.2256 | -0.8336 | JIZ | FUJ | |
| 574 | 2000/06/29,06:30 | 34.1 | 139.4 | 14 | 5.6 | 2.38e17 | 88.96 | near Miyakejima island | 6 | 85 | -12 | 97 | 78 | -175 | -0.1125 | 0.9526 | -0.0490 | 0.3250 | 0.1839 | -0.2125 | JIZ | SGN | NAA |
| 575 | 2000/06/29,07:49 | 34.1 | 139.3 | 5 | 4.1 | 1.79e15 | 85.64 | near Miyakejima island | 154 | 57 | -74 | 306 | 36 | -113 | 0.3776 | 0.4479 | -0.0239 | 0.5208 | -0.4402 | -0.8984 | FUJ | SGN | ONS |
| 576 | 2000/06/29,08:59 | 34.1 | 139.4 | 11 | 4.8 | 1.50e16 | 94.13 | near Miyakejima island | 2 | 86 | -10 | 93 | 80 | -175 | -0.0401 | 0.9811 | -0.0592 | 0.1557 | 0.1621 | -0.1156 | JIZ | FUJ | SGN |
| 577 | 2000/06/29,09:22 | 34.1 | 139.4 | 8 | 3.8 | 6.09e14 | 73.04 | near Miyakejima island | 100 | 85 | -164 | 9 | 75 | -5 | -0.2372 | 0.9145 | -0.2544 | 0.3778 | -0.0067 | -0.1406 | JIZ | SGN | NAA |
| 578 | 2000/06/29,09:41 | 34.1 | 139.4 | 5 | 4.1 | 1.63e15 | 73.32 | near Miyakejima island | 154 | 81 | -77 | 276 | 16 | -147 | 0.2050 | 0.2840 | -0.3932 | 0.0627 | -0.8418 | -0.2676 | JIZ | SGN | |
| 579 | 2000/06/29,09:53 | 34.2 | 139.4 | 17 | 4.9 | 2.98e16 | 90.09 | near Miyakejima island | 7 | 86 | -6 | 97 | 84 | -176 | -0.1967 | 0.9640 | -0.0616 | 0.2808 | 0.0917 | -0.0841 | JIZ | SGN | NAA |
| 580 | 2000/06/29,10:10 | 34.2 | 139.4 | 11 | 4.1 | 1.51e15 | 86.30 | near Miyakejima island | 190 | 89 | 7 | 100 | 83 | 179 | -0.3174 | 0.9312 | 0.0164 | 0.3861 | 0.1245 | -0.0687 | JIZ | FUJ | SGN |
| 581 | 2000/06/29,10:15 | 34.1 | 139.4 | 8 | 4.0 | 1.16e15 | 86.13 | near Miyakejima island | 322 | 89 | -50 | 53 | 40 | -178 | 0.6377 | 0.1517 | 0.4480 | -0.6063 | 0.6221 | -0.0314 | JIZ | FUJ | SGN |
| 582 | 2000/06/29,10:50 | 31.0 | 131.6 | 32 | 4.4 | 4.28e15 | 78.80 | SE off Osumi pen | 22 | 62 | 76 | 230 | 31 | 115 | -0.2664 | 0.4258 | 0.0897 | -0.5398 | -0.5527 | 0.8062 | TKA | SBR | FUK |
| 583 | 2000/06/29,11:07 | 34.1 | 139.4 | 11 | 4.1 | 1.51e15 | 89.24 | near Miyakejima island | 188 | 89 | 10 | 98 | 80 | 179 | -0.1764 | 0.9439 | 0.0450 | 0.3697 | 0.1802 | -0.1933 | JIZ | FUJ | SGN |
| 584 | 2000/06/29,11:10 | 34.1 | 139.4 | 14 | 4.0 | 1.01e15 | 68.32 | near Miyakejima island | 6 | 84 | -21 | 98 | 69 | -174 | -0.1606 | 0.9004 | -0.0924 | 0.2890 | 0.3392 | -0.1284 | JIZ | FUJ | SGN |
| 585 | 2000/06/29,11:33 | 34.1 | 139.4 | 5 | 3.7 | 4.63e14 | 81.16 | near Miyakejima island | 344 | 74 | -52 | 94 | 41 | -155 | 0.3354 | 0.6165 | 0.0191 | 0.0859 | 0.6856 | -0.4213 | JIZ | FUJ | SGN |
| 586 | 2000/06/29,11:42 | 34.1 | 139.3 | 14 | 4.1 | 1.74e15 | 92.27 | near Miyakejima island | 19 | 90 | -7 | 109 | 83 | -180 | -0.5559 | 0.7840 | -0.0244 | 0.6618 | 0.1248 | -0.1059 | JIZ | FUJ | SGN |
| 587 | 2000/06/29,11:54 | 34.1 | 139.3 | 5 | 4.0 | 1.28e15 | 84.07 | near Miyakejima island | 131 | 66 | -133 | 18 | 48 | -32 | -0.3425 | 0.4054 | -0.4673 | 0.8866 | -0.1615 | -0.5441 | JIZ | FUJ | SGN |
| 588 | 2000/06/29,12:00 | 34.1 | 139.3 | 17 | 3.7 | 4.56e14 | 86.77 | near Miyakejima island | 10 | 84 | -15 | 101 | 75 | -174 | -0.3145 | 0.8960 | -0.1285 | 0.3830 | 0.2358 | -0.0686 | JIZ | SGN | NAA |
| 589 | 2000/06/29,12:13 | 34.2 | 139.4 | 11 | 4.4 | 5.29e15 | 93.04 | near Miyakejima island | 3 | 90 | -16 | 93 | 74 | -180 | -0.1067 | 0.9581 | -0.0273 | 0.0766 | 0.2703 | 0.0301 | JIZ | FUJ | SGN |
| 590 | 2000/06/29,12:26 | 34.1 | 139.3 | 5 | 3.9 | 7.42e14 | 92.46 | near Miyakejima island | 150 | 78 | -45 | 252 | 46 | -164 | 0.6709 | 0.4895 | -0.2169 | -0.3820 | -0.6120 | -0.2888 | JIZ | FUJ | SGN |
| 591 | 2000/06/29,12:34 | 34.1 | 139.3 | 8 | 3.8 | 4.85e14 | 75.77 | near Miyakejima island | 276 | 73 | -161 | 180 | 72 | -18 | 0.0135 | 0.9108 | 0.2802 | 0.2017 | -0.2251 | -0.2151 | JIZ | FUJ | SGN |
| 592 | 2000/06/29,12:51 | 34.1 | 139.4 | 11 | 4.2 | 2.53e15 | 93.66 | near Miyakejima island | 188 | 90 | 12 | 98 | 78 | 180 | -0.2107 | 0.9443 | 0.0099 | 0.3055 | 0.2090 | -0.0948 | JIZ | FUJ | SGN |
| 593 | 2000/06/29,13:07 | 34.1 | 139.4 | 11 | 4.9 | 2.20e16 | 94.28 | near Miyakejima island | 4 | 86 | -21 | 95 | 69 | -175 | -0.0918 | 0.9179 | -0.0545 | 0.2099 | 0.3483 | -0.1181 | JIZ | FUJ | SGN |
| 594 | 2000/06/29,13:25 | 34.1 | 139.3 | 11 | 3.7 | 4.45e14 | 86.33 | near Miyakejima island | 13 | 89 | -21 | 103 | 69 | -179 | -0.3671 | 0.8341 | -0.0365 | 0.4676 | 0.3644 | -0.1005 | JIZ | SGN | |
| 595 | 2000/06/29,13:46 | 34.1 | 139.4 | 5 | 4.1 | 1.60e15 | 89.05 | near Miyakejima island | 306 | 49 | -104 | 146 | 43 | -75 | 0.4750 | 0.4626 | 0.2082 | 0.5164 | -0.0638 | -0.9914 | JIZ | FUJ | SGN |
| 596 | 2000/06/29,13:54 | 34.1 | 139.3 | 23 | 3.6 | 3.27e14 | 65.87 | near Miyakejima island | 37 | 66 | 139 | 147 | 53 | 31 | 0.5003 | 0.0661 | 0.4651 | -1.0048 | -0.1667 | 0.5045 | JIZ | FUJ | |
| 597 | 2000/06/29,14:01 | 34.1 | 139.4 | 11 | 4.0 | 1.11e15 | 93.20 | near Miyakejima island | 0 | 85 | -15 | 91 | 75 | -174 | 0.0154 | 0.9683 | -0.0778 | 0.0686 | 0.2430 | -0.0840 | JIZ | FUJ | SGN |
| 598 | 2000/06/29,14:04 | 34.2 | 139.3 | 5 | 4.1 | 1.40e15 | 69.76 | near Niijima island | 334 | 61 | -102 | 178 | 32 | -69 | 0.1152 | 0.1615 | 0.3516 | 0.7758 | 0.3932 | -0.8910 | JIZ | FUJ | SGN |
| 599 | 2000/06/29,14:08 | 34.1 | 139.3 | 5 | 3.7 | 4.37e14 | 80.92 | near Miyakejima island | 289 | 50 | -120 | 150 | 48 | -60 | 0.5376 | 0.5965 | 0.2250 | 0.3022 | -0.2274 | -0.8398 | JIZ | FUJ | SGN |
| 600 | 2000/06/29,14:10 | 34.1 | 139.3 | 11 | 3.6 | 3.06e14 | 87.75 | near Miyakejima island | 59 | 88 | 170 | 150 | 80 | 2 | 0.7758 | 0.4794 | 0.1321 | -0.9501 | -0.0843 | 0.1743 | JIZ | FUJ | |
| 601 | 2000/06/29,14:17 | 34.1 | 139.3 | 32 | 3.8 | 5.45e14 | 64.84 | near Miyakejima island | 12 | 60 | 134 | 129 | 51 | 40 | 0.1799 | -0.4059 | 0.4663 | -0.8024 | -0.3025 | 0.6225 | FUJ | SGN | |
| 602 | 2000/06/29,14:26 | 34.1 | 139.3 | 17 | 4.5 | 6.81e15 | 92.92 | near Miyakejima island | 184 | 88 | 13 | 93 | 77 | 178 | -0.1338 | 0.9651 | 0.0160 | 0.1006 | 0.2306 | 0.0332 | JIZ | FUJ | SGN |
| 603 | 2000/06/29,14:30 | 34.1 | 139.3 | 11 | 3.5 | 1.96e14 | 66.72 | near Miyakejima island | 165 | 70 | 36 | 61 | 56 | 156 | 0.3568 | 0.5496 | 0.4260 | -0.7190 | 0.3685 | 0.3621 | JIZ | FUJ | |
| 604 | 2000/06/29,15:00 | 34.1 | 139.3 | 20 | 3.3 | 1.15e14 | 63.72 | near Miyakejima island | 95 | 86 | 169 | 185 | 79 | 4 | -0.1455 | 0.9650 | 0.1867 | 0.1830 | 0.0963 | -0.0376 | JIZ | FUJ | |
| 605 | 2000/06/29,15:13 | 34.1 | 139.3 | 5 | 3.7 | 3.63e14 | 80.41 | near Miyakejima island | 349 | 72 | -56 | 104 | 38 | -149 | 0.1210 | 0.6793 | 0.1125 | 0.3521 | 0.6230 | -0.4731 | JIZ | | |
| 606 | 2000/06/29,15:19 | 34.1 | 139.3 | 14 | 3.9 | 6.86e14 | 76.17 | near Miyakejima island | 195 | 88 | 24 | 104 | 66 | 178 | -0.4088 | 0.7919 | 0.0032 | 0.4878 | 0.4256 | -0.0790 | JIZ | SGN | |
| 607 | 2000/06/29,15:35 | 34.1 | 139.3 | 8 | 3.7 | 4.38e14 | 86.12 | near Miyakejima island | 111 | 82 | 165 | 203 | 76 | 9 | -0.5783 | 0.6917 | 0.1910 | 0.7067 | 0.3129 | -0.1284 | JIZ | FUJ | SGN |
| 608 | 2000/06/29,15:52 | 34.1 | 139.4 | 17 | 4.6 | 8.62e15 | 90.10 | near Miyakejima island | 189 | 86 | 16 | 98 | 74 | 176 | -0.2825 | 0.9124 | 0.0425 | 0.3039 | 0.2865 | -0.0213 | JIZ | FUJ | SGN |
| 609 | 2000/06/29,16:04 | 34.1 | 139.4 | 5 | 5.0 | 3.54e16 | 94.58 | near Miyakejima island | 332 | 61 | -63 | 105 | 39 | -129 | 0.4986 | 0.5689 | 0.0442 | 0.2451 | 0.4971 | -0.7438 | JIZ | FUJ | SGN |
| 610 | 2000/06/29,16:14 | 34.2 | 139.4 | 5 | 4.7 | 1.08e16 | 92.88 | near Miyakejima island | 350 | 71 | -48 | 100 | 45 | -154 | 0.2097 | 0.6892 | -0.0811 | 0.2400 | 0.6019 | -0.4497 | JIZ | FUJ | SGN |
| 611 | 2000/06/29,16:28 | 34.2 | 139.3 | 11 | 4.4 | 4.09e15 | 93.48 | near Niijima island | 17 | 89 | -11 | 107 | 79 | -179 | -0.5438 | 0.8092 | -0.0655 | 0.5665 | 0.1824 | -0.0227 | JIZ | FUJ | SGN |
| 612 | 2000/06/29,16:39 | 34.1 | 139.3 | 14 | 3.7 | 3.44e14 | 68.07 | near Miyakejima island | 18 | 86 | -19 | 110 | 71 | -176 | -0.5122 | 0.7419 | -0.1002 | 0.6638 | 0.3011 | -0.1517 | JIZ | FUJ | |
| 613 | 2000/06/29,16:54 | 34.2 | 139.3 | 5 | 4.2 | 2.32e15 | 90.47 | near Niijima island | 328 | 72 | -70 | 98 | 27 | -136 | 0.4443 | 0.4126 | 0.3279 | 0.0999 | 0.6855 | -0.5442 | JIZ | FUJ | SGN |
| 614 | 2000/06/29,17:19 | 34.2 | 139.3 | 5 | 3.8 | 5.16e14 | 93.10 | near Niijima island | 351 | 76 | -18 | 86 | 72 | -165 | 0.3756 | 0.9237 | -0.1043 | -0.0590 | 0.2251 | -0.3165 | JIZ | FUJ | SGN |
| 615 | 2000/06/29,17:23 | 34.1 | 139.3 | 17 | 3.7 | 3.59e14 | 81.32 | near Miyakejima island | 198 | 88 | 6 | 108 | 84 | 178 | -0.4779 | 0.8092 | 0.0350 | 0.6693 | 0.1318 | -0.1913 | JIZ | SGN | ONS |
| 616 | 2000/06/29,17:31 | 34.1 | 139.3 | 11 | 4.4 | 4.91e15 | 93.22 | near Miyakejima island | 181 | 90 | 25 | 91 | 65 | 180 | -0.0238 | 0.9083 | -0.0155 | 0.0038 | 0.4189 | 0.0199 | JIZ | FUJ | SGN |
| 617 | 2000/06/29,17:37 | 34.1 | 139.3 | 14 | 3.6 | 3.09e14 | 68.85 | near Miyakejima island | 14 | 86 | -19 | 106 | 72 | -176 | -0.3648 | 0.8148 | -0.0260 | 0.6318 | 0.2906 | -0.2670 | JIZ | SGN | ONS |
| 618 | 2000/06/29,17:41 | 34.2 | 139.3 | 11 | 3.7 | 4.28e14 | 76.58 | near Niijima island | 322 | 62 | -90 | 141 | 28 | -91 | 0.2479 | 0.5061 | 0.3478 | 0.4976 | 0.4529 | -0.7455 | JIZ | FUJ | SGN |
| 619 | 2000/06/29,17:45 | 36.3 | 138.8 | 155 | 4.2 | 2.53e15 | 93.87 | SE Gunma pref | 224 | 76 | 72 | 97 | 22 | 141 | -0.5150 | 0.1526 | -0.5063 | 0.0371 | 0.6960 | 0.4779 | TTO | SGN | KZK |
| 620 | 2000/06/29,18:00 | 34.2 | 139.3 | 11 | 3.4 | 1.34e14 | 71.97 | near Niijima island | 108 | 81 | 161 | 201 | 71 | 9 | -0.5190 | 0.7233 | 0.2596 | 0.6203 | 0.3472 | -0.1013 | JIZ | SGN | ONS |
| 621 | 2000/06/29,18:18 | 34.1 | 139.4 | 11 | 3.5 | 1.70e14 | 79.10 | near Miyakejima island | 92 | 87 | -176 | 1 | 86 | -3 | 0.0869 | 0.9981 | -0.0489 | 0.1885 | 0.0226 | -0.2754 | JIZ | SGN | TTO |
| 622 | 2000/06/29,18:32 | 34.2 | 139.3 | 5 | 3.6 | 2.54e14 | 92.07 | near Niijima island | 338 | 75 | -29 | 76 | 62 | -163 | 0.6944 | 0.7591 | 0.0761 | -0.2943 | 0.3346 | -0.4001 | JIZ | FUJ | SGN |
| 623 | 2000/06/29,18:48 | 34.2 | 139.3 | 5 | 3.8 | 5.88e14 | 91.91 | near Niijima island | 333 | 68 | -55 | 91 | 41 | -145 | 0.5405 | 0.5757 | 0.1046 | 0.0245 | 0.5941 | -0.5650 | JIZ | FUJ | SGN |
| 624 | 2000/06/29,18:54 | 34.2 | 139.4 | 5 | 4.5 | 5.38e15 | 93.66 | near Miyakejima island | 184 | 90 | 45 | 93 | 45 | 180 | -0.0457 | 0.7092 | -0.1688 | -0.0045 | 0.6982 | 0.0502 | JIZ | FUJ | SGN |
| 625 | 2000/06/29,19:22 | 34.1 | 139.3 | 5 | 4.1 | 1.52e15 | 91.51 | near Miyakejima island | 308 | 75 | -111 | 184 | 26 | -37 | -0.0511 | 0.3337 | 0.6806 | 0.5154 | 0.4289 | -0.4643 | JIZ | FUJ | SGN |
| 626 | 2000/06/29,20:53 | 34.1 | 139.3 | 8 | 4.1 | 1.45e15 | 90.46 | near Miyakejima island | 318 | 68 | -95 | 151 | 22 | -78 | 0.1999 | 0.3973 | 0.5012 | 0.4428 | 0.5160 | -0.6427 | JIZ | FUJ | SGN |
| 627 | 2000/06/29,21:42 | 34.2 | 139.3 | 14 | 3.7 | 3.62e14 | 81.85 | near Niijima island | 99 | 80 | 160 | 192 | 71 | 11 | -0.2294 | 0.8506 | 0.3385 | 0.3675 | 0.3671 | -0.1381 | JIZ | FUJ | SGN |
| 628 | 2000/06/29,22:54 | 34.1 | 139.3 | 14 | 3.7 | 3.45e14 | 90.39 | near Miyakejima island | 199 | 80 | 25 | 104 | 66 | 169 | -0.5287 | 0.7383 | 0.0762 | 0.4559 | 0.4620 | 0.0728 | JIZ | SGN | ONS |
| 629 | 2000/06/29,23:23 | 34.2 | 139.3 | 17 | 3.9 | 8.36e14 | 93.86 | near Niijima island | 188 | 81 | 15 | 96 | 75 | 171 | -0.2178 | 0.9210 | 0.1513 | 0.2435 | 0.2944 | -0.0257 | JIZ | SGN | ONS |
| 630 | 2000/06/30,00:29 | 34.1 | 139.3 | 5 | 3.9 | 9.42e14 | 84.21 | near Miyakejima island | 168 | 80 | -76 | 292 | 17 | -144 | 0.0976 | 0.2957 | -0.1636 | 0.2228 | -0.8978 | -0.3204 | JIZ | SGN | ONS |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 631 | 2000/06/30,00:33 | 34.1 | 139.3 | 5 | 3.6 | 3.17e14 | 78.13 | near Miyakejima island | 165 | 72 | -69 | 293 | 27 | -138 | 0.1961 | 0.4416 | -0.1042 | 0.3360 | -0.7597 | -0.5321 | JIZ | SGN | ONS |
| 632 | 2000/06/30,01:52 | 34.2 | 139.3 | 14 | 4.1 | 1.48e15 | 92.73 | near Niijima island | 173 | 88 | 7 | 83 | 83 | 178 | 0.2199 | 0.9610 | 0.0456 | -0.2590 | 0.1194 | 0.0392 | JIZ | FUJ | SGN |
| 633 | 2000/06/30,03:00 | 34.2 | 139.3 | 5 | 3.7 | 4.04e14 | 76.75 | near Niijima island | 291 | 62 | -128 | 170 | 46 | -41 | 0.2025 | 0.6353 | 0.4957 | 0.4524 | -0.1068 | -0.6548 | SGN | TTO | ONS |
| 634 | 2000/06/30,05:44 | 34.2 | 139.3 | 5 | 3.8 | 6.51e14 | 91.45 | near Niijima island | 145 | 62 | -71 | 288 | 33 | -122 | 0.5241 | 0.4990 | -0.1970 | 0.2330 | -0.5122 | -0.7571 | FUJ | SGN | ONS |
| 635 | 2000/06/30,06:12 | 34.1 | 139.3 | 5 | 4.0 | 1.11e15 | 94.29 | near Miyakejima island | 152 | 71 | -57 | 268 | 37 | -148 | 0.5192 | 0.5693 | -0.2255 | -0.0238 | -0.6173 | -0.4954 | FUJ | SGN | TTO |
| 636 | 2000/06/30,06:41 | 34.2 | 139.3 | 14 | 3.5 | 1.88e14 | 76.30 | near Niijima island | 8 | 88 | 13 | 277 | 77 | 178 | -0.2020 | 0.9404 | -0.0492 | 0.3093 | -0.2336 | -0.1073 | SGN | TTO | ONS |
| 637 | 2000/06/30,07:08 | 34.1 | 139.3 | 5 | 3.9 | 7.37e14 | 90.90 | near Miyakejima island | 350 | 76 | -26 | 87 | 65 | -164 | 0.3856 | 0.9060 | -0.0006 | 0.0149 | 0.3021 | -0.4005 | FUJ | SGN | ONS |
| 638 | 2000/06/30,07:11 | 34.2 | 139.3 | 11 | 3.6 | 2.85e14 | 77.97 | near Niijima island | 290 | 49 | -112 | 141 | 46 | -67 | 0.6414 | 0.6143 | 0.1599 | 0.2144 | -0.1363 | -0.8559 | FUJ | SGN | ONS |
| 639 | 2000/06/30,08:11 | 34.2 | 139.3 | 5 | 4.0 | 9.85e14 | 91.61 | near Niijima island | 341 | 61 | -38 | 92 | 57 | -145 | 0.4756 | 0.7242 | -0.2367 | 0.0594 | 0.4035 | -0.5351 | FUJ | SGN | ONS |
| 640 | 2000/06/30,09:54 | 34.1 | 139.3 | 11 | 4.6 | 8.83e15 | 91.02 | near Miyakejima island | 12 | 89 | -7 | 102 | 83 | -179 | -0.2597 | 0.9119 | 0.0083 | 0.5279 | 0.1139 | -0.2681 | JIZ | FUJ | SGN |
| 641 | 2000/06/30,10:11 | 34.2 | 139.3 | 8 | 3.9 | 7.61e14 | 82.84 | near Niijima island | 325 | 73 | -78 | 109 | 21 | -124 | 0.3413 | 0.3674 | 0.4213 | 0.1834 | 0.6918 | -0.5246 | FUJ | SGN | ONS |
| 642 | 2000/06/30,10:25 | 34.2 | 139.3 | 5 | 3.6 | 2.55e14 | 72.03 | near Niijima island | 152 | 88 | -24 | 242 | 66 | -178 | 0.8367 | 0.5340 | -0.2671 | -0.6538 | -0.3067 | -0.1830 | FUJ | SGN | TTO |
| 643 | 2000/06/30,10:53 | 34.2 | 139.3 | 5 | 3.8 | 5.11e14 | 85.22 | near Niijima island | 239 | 90 | -166 | 149 | 76 | -0 | 0.8523 | 0.4556 | 0.2115 | -0.8582 | -0.1320 | 0.0059 | JIZ | FUJ | SGN |
| 644 | 2000/06/30,11:42 | 34.2 | 139.3 | 5 | 4.4 | 4.78e15 | 95.90 | near Niijima island | 241 | 86 | -165 | 150 | 75 | -4 | 0.8877 | 0.4826 | 0.2024 | -0.7796 | -0.1619 | -0.1081 | JIZ | FUJ | SGN |
| 645 | 2000/06/30,13:18 | 34.2 | 139.3 | 5 | 3.7 | 3.49e14 | 91.90 | near Niijima island | 321 | 75 | -67 | 83 | 27 | -145 | 0.5356 | 0.3534 | 0.4485 | -0.0921 | 0.6563 | -0.4436 | FUJ | SGN | TTO |
| 646 | 2000/06/30,14:42 | 34.1 | 139.3 | 11 | 3.6 | 2.44e14 | 85.18 | near Miyakejima island | 28 | 83 | -15 | 120 | 75 | -173 | -0.7604 | 0.5155 | -0.1992 | 0.8607 | 0.1765 | -0.1003 | FUJ | SGN | ONS |
| 647 | 2000/06/30,14:51 | 34.2 | 139.3 | 8 | 3.5 | 2.24e14 | 90.40 | near Niijima island | 329 | 69 | -49 | 81 | 45 | -150 | 0.6773 | 0.5233 | 0.1144 | -0.1706 | 0.5880 | -0.5067 | FUJ | SGN | ONS |
| 648 | 2000/06/30,15:02 | 34.2 | 139.3 | 8 | 4.0 | 1.28e15 | 88.94 | near Niijima island | 329 | 72 | -71 | 100 | 26 | -135 | 0.4088 | 0.4399 | 0.3328 | 0.1273 | 0.6840 | -0.5361 | JIZ | FUJ | SGN |
| 649 | 2000/06/30,15:49 | 34.1 | 139.4 | 8 | 4.0 | 1.03e15 | 88.53 | near Miyakejima island | 5 | 84 | -21 | 98 | 69 | -174 | -0.0857 | 0.9158 | 0.0243 | 0.3912 | 0.3230 | -0.3055 | JIZ | FUJ | SGN |
| 650 | 2000/06/30,17:11 | 34.2 | 139.3 | 8 | 3.7 | 4.01e14 | 89.49 | near Niijima island | 318 | 72 | -70 | 89 | 26 | -136 | 0.5630 | 0.3243 | 0.4440 | -0.0207 | 0.6252 | -0.5422 | FUJ | SGN | TTO |
| 651 | 2000/06/30,17:13 | 34.2 | 139.3 | 8 | 3.7 | 4.00e14 | 77.36 | near Niijima island | 310 | 67 | -78 | 101 | 26 | -116 | 0.6125 | 0.3833 | 0.4754 | 0.0558 | 0.4724 | -0.6683 | FUJ | SGN | TTO |
| 652 | 2000/06/30,17:30 | 34.2 | 139.3 | 5 | 3.7 | 3.52e14 | 94.41 | near Niijima island | 327 | 77 | -49 | 72 | 42 | -161 | 0.6724 | 0.4372 | 0.2755 | -0.3414 | 0.6299 | -0.3309 | FUJ | SGN | TTO |
| 653 | 2000/06/30,17:41 | 34.2 | 139.3 | 5 | 5.0 | 3.89e16 | 95.39 | near Niijima island | 294 | 57 | -137 | 177 | 55 | -41 | 0.0590 | 0.6816 | 0.3638 | 0.5651 | -0.2227 | -0.6241 | JIZ | FUJ | SGN |
| 654 | 2000/06/30,17:53 | 34.2 | 139.3 | 5 | 3.7 | 3.81e14 | 64.13 | near Niijima island | 167 | 72 | -47 | 275 | 46 | -154 | 0.2812 | 0.7474 | -0.0379 | 0.1804 | -0.5485 | -0.4616 | SGN | TTO | |
| 655 | 2000/06/30,18:01 | 34.2 | 139.3 | 17 | 3.8 | 5.73e14 | 76.86 | near Niijima island | 165 | 89 | -8 | 255 | 82 | -179 | 0.4844 | 0.8501 | -0.0118 | -0.5316 | -0.1353 | 0.0472 | JIZ | FUJ | SGN |
| 656 | 2000/06/30,18:57 | 34.2 | 139.3 | 14 | 4.5 | 6.24e15 | 93.76 | near Niijima island | 182 | 90 | 2 | 92 | 88 | 180 | -0.0997 | 0.9974 | -0.0008 | 0.0149 | 0.0346 | 0.0848 | JIZ | FUJ | SGN |
| 657 | 2000/06/30,19:04 | 34.1 | 139.3 | 5 | 3.9 | 6.90e14 | 85.85 | near Miyakejima island | 310 | 73 | -137 | 205 | 49 | -23 | -0.4812 | 0.3783 | 0.4279 | 0.9143 | 0.2913 | -0.4332 | FUJ | NAA | TTO |
| 658 | 2000/06/30,19:11 | 34.2 | 139.3 | 8 | 4.3 | 3.32e15 | 92.00 | near Niijima island | 308 | 57 | -101 | 148 | 35 | -73 | 0.3748 | 0.5326 | 0.3627 | 0.4861 | 0.1750 | -0.8608 | JIZ | FUJ | SGN |
| 659 | 2000/06/30,19:27 | 34.1 | 139.3 | 5 | 3.7 | 4.70e14 | 85.59 | near Miyakejima island | 294 | 69 | -152 | 194 | 64 | -23 | -0.3209 | 0.7152 | 0.3082 | 0.7608 | -0.0452 | -0.4399 | FUJ | SGN | TTO |
| 660 | 2000/06/30,19:58 | 34.2 | 139.3 | 8 | 3.6 | 3.26e14 | 81.82 | near Niijima island | 315 | 67 | -78 | 106 | 26 | -116 | 0.5447 | 0.4234 | 0.4352 | 0.1236 | 0.5092 | -0.6683 | JIZ | FUJ | SGN |
| 661 | 2000/06/30,20:07 | 34.2 | 139.3 | 5 | 3.6 | 3.00e14 | 84.92 | near Niijima island | 155 | 86 | -28 | 247 | 62 | -176 | 0.7426 | 0.6072 | -0.2404 | -0.5589 | -0.3830 | -0.1837 | JIZ | FUJ | SGN |
| 662 | 2000/06/30,20:34 | 37.3 | 141.7 | 41 | 5.3 | 1.06e17 | 95.26 | E off Fukushima pref | 25 | 72 | 93 | 197 | 18 | 82 | -0.1020 | 0.1742 | 0.3562 | -0.5053 | -0.7218 | 0.6072 | YMZ | KSN | SBT |
| 663 | 2000/06/30,21:20 | 34.2 | 139.3 | 5 | 4.0 | 1.28e15 | 90.91 | near Niijima island | 294 | 73 | -115 | 172 | 30 | -36 | 0.1311 | 0.4791 | 0.7284 | 0.3644 | 0.2116 | -0.4955 | JIZ | FUJ | SGN |
| 664 | 2000/06/30,22:04 | 34.2 | 139.3 | 8 | 3.7 | 4.62e14 | 85.81 | near Niijima island | 327 | 79 | -65 | 79 | 27 | -155 | 0.4830 | 0.3231 | 0.3964 | -0.1463 | 0.7454 | -0.3367 | FUJ | SGN | TTO |
| 665 | 2000/06/30,22:56 | 34.2 | 139.3 | 8 | 3.6 | 3.25e14 | 86.31 | near Niijima island | 319 | 71 | -76 | 103 | 24 | -124 | 0.4796 | 0.3408 | 0.4346 | 0.1257 | 0.6222 | -0.6054 | FUJ | SGN | TTO |
| 666 | 2000/06/30,23:32 | 42.9 | 146.8 | 32 | 3.8 | 5.53e14 | 62.10 | off Nemuro peninsula | 65 | 63 | 123 | 190 | 42 | 43 | -0.1923 | 0.4961 | 0.6067 | -0.5084 | 0.0837 | 0.7007 | NMR | URH | |
| 667 | 2000/06/30,23:58 | 34.2 | 139.3 | 5 | 3.8 | 5.52e14 | 84.67 | near Niijima island | 325 | 80 | -61 | 72 | 30 | -160 | 0.5365 | 0.2993 | 0.4004 | -0.2454 | 0.7301 | -0.2911 | JIZ | FUJ | SGN |
| 668 | 2000/07/01,00:01 | 34.2 | 139.3 | 8 | 3.7 | 4.05e14 | 82.84 | near Niijima island | 318 | 58 | -77 | 115 | 34 | -110 | 0.5761 | 0.5076 | 0.2074 | 0.2711 | 0.3773 | -0.8473 | FUJ | SGN | ONS |
| 669 | 2000/07/01,00:10 | 34.2 | 139.3 | 8 | 4.5 | 7.37e15 | 94.38 | near Niijima island | 319 | 70 | -76 | 102 | 24 | -125 | 0.4804 | 0.3697 | 0.4349 | 0.1143 | 0.6142 | -0.5947 | JIZ | FUJ | SGN |
| 670 | 2000/07/01,00:32 | 34.2 | 139.3 | 5 | 3.8 | 5.92e14 | 90.27 | near Niijima island | 328 | 78 | -57 | 76 | 35 | -159 | 0.5642 | 0.3862 | 0.3139 | -0.2333 | 0.7141 | -0.3309 | FUJ | SGN | TTO |
| 671 | 2000/07/01,01:52 | 34.2 | 139.3 | 5 | 4.0 | 9.82e14 | 74.33 | near Niijima island | 146 | 52 | -69 | 294 | 43 | -115 | 0.5489 | 0.4931 | 0.0705 | 0.3741 | -0.3283 | -0.9231 | JIZ | FUJ | SGN |
| 672 | 2000/07/01,02:09 | 34.2 | 139.3 | 8 | 3.9 | 8.50e14 | 88.34 | near Niijima island | 325 | 84 | -70 | 70 | 21 | -164 | 0.4097 | 0.1381 | 0.4639 | -0.1976 | 0.8037 | -0.2121 | FUJ | TTO | |
| 673 | 2000/07/01,02:49 | 34.2 | 139.3 | 5 | 3.6 | 3.26e14 | 89.29 | near Niijima island | 160 | 73 | -47 | 268 | 46 | -156 | 0.4604 | 0.6738 | -0.0652 | -0.0340 | -0.5911 | -0.4264 | FUJ | TTO | |
| 674 | 2000/07/01,03:08 | 34.2 | 139.3 | 5 | 4.6 | 8.63e15 | 96.16 | near Niijima island | 159 | 80 | -50 | 261 | 41 | -164 | 0.4527 | 0.5778 | -0.1926 | -0.1724 | -0.6891 | -0.2803 | JIZ | FUJ | SGN |
| 675 | 2000/07/01,03:49 | 34.2 | 139.4 | 5 | 4.6 | 9.12e15 | 94.94 | near Miyakejima island | 161 | 74 | -52 | 270 | 41 | -155 | 0.3886 | 0.6509 | -0.1306 | 0.0298 | -0.6375 | -0.4184 | JIZ | FUJ | SGN |
| 676 | 2000/07/01,04:04 | 34.2 | 139.3 | 8 | 3.4 | 1.37e14 | 65.10 | near Niijima island | 178 | 86 | -16 | 269 | 74 | -176 | 0.1256 | 0.9601 | 0.0094 | 0.0108 | -0.2715 | -0.1364 | FUJ | SGN | |
| 677 | 2000/07/01,04:09 | 34.2 | 139.3 | 5 | 4.4 | 4.78e15 | 96.23 | near Niijima island | 160 | 75 | -52 | 268 | 40 | -157 | 0.4297 | 0.5899 | -0.1077 | -0.0402 | -0.6872 | -0.3895 | JIZ | FUJ | SGN |
| 678 | 2000/07/01,04:52 | 34.1 | 139.3 | 5 | 4.3 | 2.78e15 | 90.42 | near Miyakejima island | 106 | 48 | -112 | 317 | 46 | -67 | 0.7073 | 0.4623 | -0.1783 | 0.2233 | 0.2157 | -0.9306 | JIZ | FUJ | SGN |
| 679 | 2000/07/01,05:03 | 34.2 | 139.3 | 5 | 4.0 | 1.20e15 | 84.57 | near Niijima island | 153 | 72 | -55 | 266 | 39 | -151 | 0.5277 | 0.5704 | -0.1977 | -0.0588 | -0.6260 | -0.4689 | JIZ | FUJ | SGN |
| 680 | 2000/07/01,05:46 | 34.2 | 139.3 | 5 | 4.1 | 1.58e15 | 91.45 | near Niijima island | 158 | 74 | -51 | 266 | 41 | -156 | 0.4690 | 0.6103 | -0.1485 | -0.0612 | -0.6489 | -0.4078 | JIZ | FUJ | SGN |
| 681 | 2000/07/01,06:19 | 34.2 | 139.3 | 5 | 3.7 | 3.96e14 | 77.07 | near Niijima island | 267 | 61 | -138 | 153 | 54 | -37 | 0.6474 | 0.6181 | 0.3340 | -0.0738 | -0.3621 | -0.5736 | FUJ | SGN | |
| 682 | 2000/07/01,07:02 | 34.2 | 139.2 | 5 | 6.2 | 2.28e18 | 90.67 | near Niijima island | 352 | 75 | -52 | 100 | 41 | -156 | 0.2000 | 0.6114 | -0.1080 | 0.1959 | 0.7044 | -0.3959 | SGN | ONS | |
| 683 | 2000/07/01,07:11 | 34.2 | 139.4 | 5 | 5.0 | 4.18e16 | 82.41 | near Miyakejima island | 332 | 70 | -38 | 76 | 55 | -156 | 0.7134 | 0.5741 | -0.0030 | -0.3207 | 0.5343 | -0.3927 | JIZ | FUJ | SGN |
| 684 | 2000/07/01,07:53 | 34.2 | 139.3 | 5 | 4.7 | 1.32e16 | 91.90 | near Niijima island | 358 | 86 | -15 | 89 | 75 | -176 | 0.0917 | 0.9629 | -0.0251 | 0.0244 | 0.2521 | -0.1161 | JIZ | FUJ | SGN |
| 685 | 2000/07/01,09:12 | 34.2 | 139.3 | 8 | 4.1 | 1.58e15 | 85.08 | near Niijima island | 357 | 89 | 3 | 267 | 87 | 179 | 0.1736 | 0.9938 | -0.0267 | -0.0061 | -0.0516 | -0.1676 | JIZ | FUJ | SGN |
| 686 | 2000/07/01,09:39 | 34.3 | 139.4 | 5 | 4.7 | 1.39e16 | 94.39 | near Niijima island | 348 | 72 | -34 | 90 | 58 | -158 | 0.3470 | 0.7837 | -0.1620 | -0.0146 | 0.4954 | -0.3324 | JIZ | FUJ | SGN |
| 687 | 2000/07/01,11:51 | 34.2 | 139.2 | 5 | 4.0 | 9.48e14 | 89.38 | near Niijima island | 163 | 73 | -64 | 284 | 30 | -145 | 0.2793 | 0.4726 | -0.0921 | 0.2175 | -0.7637 | -0.4968 | JIZ | SGN | ONS |
| 688 | 2000/07/01,13:39 | 34.2 | 139.3 | 5 | 4.3 | 2.78e15 | 94.38 | near Niijima island | 169 | 82 | -27 | 263 | 64 | -171 | 0.3915 | 0.8744 | -0.0912 | -0.1060 | -0.3805 | -0.2855 | JIZ | FUJ | SGN |
| 689 | 2000/07/01,13:52 | 43.5 | 147.4 | 29 | 3.9 | 7.88e14 | 66.32 | E off Hokkaido | 175 | 64 | 41 | 64 | 54 | 148 | 0.0994 | 0.5923 | 0.4359 | -0.5908 | 0.4103 | 0.4914 | NMR | URH | |
| 690 | 2000/07/01,14:22 | 34.1 | 139.3 | 5 | 3.9 | 7.41e14 | 73.56 | near Miyakejima island | 236 | 84 | 173 | 327 | 83 | 6 | 0.8696 | 0.3865 | -0.1336 | -0.9542 | -0.0157 | 0.0845 | JIZ | FUJ | NAA |
| 691 | 2000/07/01,15:00 | 34.2 | 139.3 | 5 | 4.5 | 5.79e15 | 95.11 | near Niijima island | 328 | 77 | -65 | 85 | 28 | -150 | 0.4682 | 0.3896 | 0.3743 | -0.0706 | 0.7200 | -0.3976 | JIZ | FUJ | SGN |
| 692 | 2000/07/01,15:09 | 34.2 | 139.3 | 5 | 3.7 | 4.02e14 | 67.16 | near Niijima island | 327 | 77 | -67 | 86 | 26 | -148 | 0.4559 | 0.3663 | 0.3890 | -0.0478 | 0.7277 | -0.4081 | FUJ | SGN | TTO |
| 693 | 2000/07/01,15:11 | 34.2 | 139.3 | 5 | 4.0 | 1.18e15 | 89.43 | near Niijima island | 327 | 81 | -57 | 70 | 34 | -164 | 0.5699 | 0.3070 | 0.3457 | -0.3143 | 0.7356 | -0.2556 | FUJ | SGN | TTO |
| 694 | 2000/07/01,15:13 | 34.2 | 139.3 | 5 | 3.9 | 8.06e14 | 91.79 | near Niijima island | 281 | 58 | -139 | 167 | 56 | -39 | 0.3175 | 0.6784 | 0.3967 | 0.2527 | -0.3750 | -0.5703 | JIZ | FUJ | SGN |
| 695 | 2000/07/01,15:33 | 34.2 | 139.3 | 11 | 3.6 | 2.39e14 | 79.39 | near Niijima island | 80 | 85 | 173 | 171 | 83 | 5 | 0.4479 | 0.9286 | 0.1799 | -0.1933 | 0.1154 | -0.2546 | JIZ | FUJ | SGN |
| 696 | 2000/07/01,15:37 | 34.2 | 139.3 | 5 | 3.5 | 2.19e14 | 78.24 | near Niijima island | 180 | 59 | -40 | 293 | 57 | -142 | -0.0049 | 0.7096 | 0.3179 | 0.5870 | -0.2520 | -0.5821 | JIZ | SGN | NAA |
| 697 | 2000/07/01,16:03 | 43.8 | 147.3 | 59 | 3.8 | 4.90e14 | 80.09 | E off Hokkaido | 186 | 53 | 66 | 42 | 43 | 118 | -0.0805 | 0.3953 | 0.2196 | -0.8007 | 0.2867 | 0.8812 | URH | | |
| 698 | 2000/07/01,17:00 | 34.1 | 139.3 | 11 | 4.0 | 9.70e14 | 89.87 | near Miyakejima island | 103 | 82 | 168 | 195 | 78 | 8 | -0.4412 | 0.8518 | 0.1779 | 0.4663 | 0.2040 | -0.0251 | JIZ | SGN | TTO |
| 699 | 2000/07/01,17:30 | 34.2 | 139.4 | 5 | 4.5 | 7.21e15 | 95.24 | near Miyakejima island | 354 | 83 | -41 | 90 | 50 | -170 | 0.1561 | 0.7578 | -0.0215 | 0.0163 | 0.6321 | -0.1724 | JIZ | FUJ | SGN |
| 700 | 2000/07/01,17:48 | 34.2 | 139.4 | 5 | 4.6 | 1.03e16 | 93.72 | near Miyakejima island | 326 | 64 | -71 | 108 | 32 | -124 | 0.4964 | 0.4782 | 0.2185 | 0.2360 | 0.5543 | -0.7324 | JIZ | FUJ | SGN |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 701 | 2000/07/01,19:01 | 34.2 | 139.2 | 5 | 4.0 | 1.08e15 | 94.05 | near Niijima island | 312 | 65 | -77 | 104 | 28 | -115 | 0.6140 | 0.3451 | 0.3899 | 0.1414 | 0.4866 | -0.7554 | JIZ | FUJ | SGN |
| 702 | 2000/07/01,20:30 | 34.2 | 139.3 | 11 | 3.7 | 3.62e14 | 87.00 | near Niijima island | 200 | 77 | 14 | 107 | 77 | 167 | -0.5531 | 0.7419 | 0.1594 | 0.5920 | 0.3399 | -0.0388 | JIZ | FUJ | SGN |
| 703 | 2000/07/01,21:40 | 34.2 | 139.3 | 17 | 3.6 | 2.76e14 | 80.03 | near Niijima island | 188 | 87 | 15 | 98 | 75 | 177 | -0.1570 | 0.9187 | 0.1114 | 0.3986 | 0.2951 | -0.2416 | JIZ | SGN | |
| 704 | 2000/07/01,21:46 | 34.2 | 139.3 | 20 | 3.6 | 2.90e14 | 90.18 | near Niijima island | 182 | 88 | 17 | 92 | 73 | 178 | -0.0621 | 0.9566 | 0.0286 | 0.0681 | 0.2877 | -0.0060 | JIZ | SGN | |
| 705 | 2000/07/01,21:53 | 34.2 | 139.3 | 5 | 4.4 | 4.84e15 | 91.12 | near Niijima island | 303 | 50 | -117 | 162 | 47 | -61 | 0.2932 | 0.5520 | 0.2819 | 0.5794 | -0.1611 | -0.8726 | JIZ | FUJ | SGN |
| 706 | 2000/07/01,21:56 | 34.2 | 139.3 | 17 | 3.9 | 7.94e14 | 86.45 | near Niijima island | 175 | 85 | 17 | 83 | 74 | 174 | 0.1543 | 0.9354 | 0.1016 | -0.2352 | 0.2674 | 0.0809 | JIZ | FUJ | SGN |
| 707 | 2000/07/01,22:18 | 34.2 | 139.3 | 5 | 3.8 | 5.47e14 | 94.15 | near Niijima island | 158 | 74 | -41 | 261 | 51 | -159 | 0.5706 | 0.6741 | -0.0779 | -0.1888 | -0.5416 | -0.3818 | JIZ | FUJ | SGN |
| 708 | 2000/07/01,22:22 | 34.2 | 139.3 | 5 | 3.8 | 5.92e14 | 86.18 | near Niijima island | 345 | 71 | -44 | 93 | 49 | -154 | 0.3573 | 0.7330 | -0.0433 | 0.0919 | 0.5441 | -0.4493 | JIZ | FUJ | SGN |
| 709 | 2000/07/01,22:25 | 34.2 | 139.3 | 11 | 3.6 | 3.19e14 | 83.98 | near Niijima island | 197 | 85 | 8 | 106 | 82 | 175 | -0.5067 | 0.8280 | 0.0513 | 0.5565 | 0.1705 | -0.0497 | JIZ | FUJ | SGN |
| 710 | 2000/07/01,22:27 | 34.2 | 139.3 | 23 | 3.7 | 4.37e14 | 88.24 | near Niijima island | 181 | 87 | 26 | 90 | 64 | 177 | -0.0360 | 0.9007 | 0.0469 | 0.0114 | 0.4337 | 0.0247 | JIZ | SGN | |
| 711 | 2000/07/01,22:31 | 34.2 | 139.3 | 11 | 4.0 | 1.12e15 | 92.76 | near Niijima island | 16 | 88 | -9 | 106 | 81 | -178 | -0.5072 | 0.8290 | -0.0755 | 0.5525 | 0.1397 | -0.0453 | JIZ | SGN | NAA |
| 712 | 2000/07/01,22:38 | 34.2 | 139.3 | 5 | 4.1 | 1.50e15 | 94.22 | near Niijima island | 162 | 72 | -40 | 267 | 53 | -158 | 0.4732 | 0.7925 | -0.0858 | -0.0252 | -0.4458 | -0.4480 | JIZ | FUJ | SGN |
| 713 | 2000/07/01,22:41 | 34.2 | 139.3 | 5 | 4.0 | 1.06e15 | 90.56 | near Niijima island | 342 | 81 | -44 | 81 | 46 | -167 | 0.4210 | 0.6579 | 0.1339 | -0.1830 | 0.6434 | -0.2380 | JIZ | FUJ | SGN |
| 714 | 2000/07/01,22:44 | 34.2 | 139.3 | 14 | 3.5 | 1.84e14 | 79.99 | near Niijima island | 286 | 86 | 170 | 16 | 80 | 4 | -0.5449 | 0.8352 | -0.1396 | 0.4956 | -0.1015 | 0.0494 | JIZ | SGN | |
| 715 | 2000/07/01,22:47 | 34.2 | 139.3 | 11 | 3.8 | 5.09e14 | 89.94 | near Niijima island | 197 | 89 | 20 | 106 | 70 | 179 | -0.4705 | 0.7817 | -0.0266 | 0.5578 | 0.3590 | -0.0873 | JIZ | FUJ | SGN |
| 716 | 2000/07/01,22:57 | 34.2 | 139.3 | 8 | 3.7 | 3.93e14 | 80.15 | near Niijima island | 10 | 86 | -18 | 102 | 72 | -176 | -0.3098 | 0.8774 | -0.0803 | 0.4159 | 0.2947 | -0.1060 | JIZ | FUJ | SGN |
| 717 | 2000/07/01,23:00 | 34.2 | 139.3 | 11 | 3.7 | 4.08e14 | 88.28 | near Niijima island | 195 | 87 | 23 | 104 | 67 | 177 | -0.4519 | 0.8051 | -0.0294 | 0.4477 | 0.3906 | 0.0042 | JIZ | FUJ | SGN |
| 718 | 2000/07/01,23:07 | 34.2 | 139.3 | 11 | 3.9 | 7.08e14 | 89.22 | near Niijima island | 193 | 90 | 13 | 103 | 77 | 180 | -0.3986 | 0.8706 | -0.0221 | 0.4808 | 0.2224 | -0.0823 | JIZ | FUJ | SGN |
| 719 | 2000/07/01,23:10 | 34.1 | 139.3 | 23 | 3.8 | 5.13e14 | 82.24 | near Miyakejima island | 128 | 73 | -158 | 31 | 69 | -18 | -0.7241 | 0.3227 | -0.3798 | 0.9623 | 0.0097 | -0.2381 | JIZ | | |
| 720 | 2000/07/01,23:12 | 34.2 | 139.3 | 11 | 3.9 | 7.16e14 | 90.50 | near Niijima island | 12 | 88 | -15 | 103 | 75 | -177 | -0.3870 | 0.8749 | -0.0835 | 0.4333 | 0.2397 | -0.0463 | JIZ | FUJ | SGN |
| 721 | 2000/07/01,23:18 | 34.2 | 139.3 | 5 | 3.8 | 5.43e14 | 92.98 | near Niijima island | 146 | 53 | -57 | 279 | 48 | -126 | 0.6502 | 0.5531 | 0.1252 | 0.1467 | -0.3708 | -0.7969 | JIZ | FUJ | SGN |
| 722 | 2000/07/01,23:28 | 34.1 | 139.4 | 17 | 5.0 | 3.42e16 | 89.54 | near Miyakejima island | 5 | 84 | -14 | 97 | 76 | -173 | -0.1033 | 0.9491 | -0.0673 | 0.3033 | 0.2088 | -0.2000 | JIZ | SGN | NAA |
| 723 | 2000/07/02,01:59 | 34.2 | 139.3 | 5 | 4.7 | 1.41e16 | 95.25 | near Niijima island | 345 | 78 | -29 | 82 | 61 | -167 | 0.4723 | 0.8159 | 0.0237 | -0.1899 | 0.4232 | -0.2825 | JIZ | FUJ | SGN |
| 724 | 2000/07/02,02:11 | 34.1 | 139.3 | 5 | 3.9 | 7.09e14 | 80.06 | near Miyakejima island | 119 | 81 | 131 | 220 | 42 | 14 | -0.6731 | 0.2796 | 0.5299 | 0.4487 | 0.5550 | 0.2244 | FUJ | NAA | |
| 725 | 2000/07/02,04:54 | 34.2 | 139.3 | 5 | 4.0 | 9.75e14 | 83.35 | near Niijima island | 358 | 78 | -21 | 93 | 70 | -167 | 0.1048 | 0.9288 | -0.1355 | 0.1305 | 0.2962 | -0.2353 | JIZ | FUJ | SGN |
| 726 | 2000/07/02,04:56 | 34.2 | 139.3 | 5 | 4.0 | 1.07e15 | 92.15 | near Niijima island | 354 | 81 | -26 | 89 | 65 | -170 | 0.2164 | 0.9080 | -0.0125 | 0.0399 | 0.3839 | -0.2563 | JIZ | FUJ | SGN |
| 727 | 2000/07/02,08:10 | 34.1 | 139.3 | 17 | 3.6 | 2.95e14 | 86.62 | near Miyakejima island | 196 | 86 | 18 | 105 | 72 | 176 | -0.4502 | 0.7964 | 0.0479 | 0.5535 | 0.3527 | -0.1033 | JIZ | SGN | |
| 728 | 2000/07/02,08:16 | 34.2 | 139.3 | 8 | 3.6 | 2.96e14 | 91.83 | near Niijima island | 320 | 71 | -62 | 81 | 34 | -144 | 0.6614 | 0.3900 | 0.3543 | -0.1338 | 0.6011 | -0.5276 | JIZ | FUJ | SGN |
| 729 | 2000/07/02,08:57 | 34.2 | 139.4 | 11 | 4.2 | 2.14e15 | 92.04 | near Miyakejima island | 282 | 86 | 172 | 13 | 82 | 4 | -0.3615 | 0.8952 | -0.1288 | 0.4605 | -0.1316 | -0.0990 | JIZ | FUJ | SGN |
| 730 | 2000/07/02,09:28 | 34.1 | 139.3 | 14 | 3.8 | 6.08e14 | 90.97 | near Miyakejima island | 9 | 87 | -21 | 100 | 69 | -177 | -0.2655 | 0.8801 | -0.0702 | 0.3569 | 0.3463 | -0.0914 | JIZ | FUJ | SGN |
| 731 | 2000/07/02,09:33 | 34.2 | 139.4 | 11 | 4.2 | 2.37e15 | 93.43 | near Miyakejima island | 1 | 85 | -16 | 92 | 74 | -175 | -0.0040 | 0.9599 | -0.0591 | 0.1072 | 0.2615 | -0.1032 | JIZ | FUJ | SGN |
| 732 | 2000/07/02,09:50 | 34.1 | 139.3 | 11 | 3.8 | 5.03e14 | 90.24 | near Miyakejima island | 201 | 88 | 15 | 111 | 75 | 178 | -0.6025 | 0.7126 | -0.0154 | 0.6925 | 0.2775 | -0.0900 | JIZ | FUJ | SGN |
| 733 | 2000/07/02,10:03 | 34.2 | 139.3 | 5 | 4.0 | 1.13e15 | 85.77 | near Niijima island | 175 | 62 | -63 | 308 | 38 | -130 | 0.0105 | 0.4954 | 0.1174 | 0.7067 | -0.4833 | -0.7172 | JIZ | SGN | TTO |
| 734 | 2000/07/02,10:08 | 34.1 | 139.3 | 5 | 4.0 | 1.16e15 | 95.66 | near Miyakejima island | 241 | 82 | -171 | 150 | 81 | -8 | 0.9124 | 0.5069 | 0.0709 | -0.7763 | -0.1626 | -0.1361 | JIZ | FUJ | SGN |
| 735 | 2000/07/02,10:56 | 34.2 | 139.3 | 5 | 3.4 | 1.37e14 | 71.39 | near Niijima island | 274 | 89 | 147 | 5 | 57 | 1 | -0.0879 | 0.8277 | -0.5418 | 0.1247 | -0.1118 | -0.0368 | FUJ | SGN | NAA |
| 736 | 2000/07/02,11:38 | 34.1 | 139.3 | 5 | 3.8 | 5.23e14 | 87.32 | near Miyakejima island | 325 | 79 | -70 | 83 | 23 | -150 | 0.4357 | 0.2798 | 0.4454 | -0.0764 | 0.7493 | -0.3593 | JIZ | FUJ | SGN |
| 737 | 2000/07/02,13:03 | 34.1 | 139.3 | 5 | 4.0 | 9.50e14 | 92.92 | near Miyakejima island | 358 | 67 | -39 | 106 | 55 | -151 | 0.0408 | 0.7509 | -0.2414 | 0.4368 | 0.4155 | -0.4776 | JIZ | FUJ | SGN |
| 738 | 2000/07/02,16:42 | 37.0 | 142.2 | 26 | 3.7 | 3.89e14 | 76.64 | E off Fukushima pref | 354 | 54 | -125 | 225 | 49 | -51 | 0.0015 | -0.3333 | 0.4526 | 0.7974 | 0.2487 | -0.7988 | YMZ | KSN | SBT |
| 739 | 2000/07/02,17:18 | 34.2 | 139.3 | 5 | 3.8 | 6.16e14 | 90.87 | near Niijima island | 342 | 79 | -38 | 81 | 53 | -166 | 0.4721 | 0.7084 | 0.0543 | -0.2196 | 0.5726 | -0.2525 | JIZ | FUJ | SGN |
| 740 | 2000/07/02,17:20 | 34.2 | 139.3 | 5 | 4.7 | 1.25e16 | 95.30 | near Niijima island | 355 | 68 | -30 | 97 | 62 | -155 | 0.1565 | 0.8502 | -0.2100 | 0.2521 | 0.3332 | -0.4086 | JIZ | FUJ | SGN |
| 741 | 2000/07/02,17:55 | 37.5 | 141.0 | 44 | 3.5 | 2.10e14 | 70.62 | E off Fukushima pref | 74 | 54 | 113 | 218 | 42 | 61 | -0.6530 | 0.5750 | 0.3181 | -0.1730 | 0.0908 | 0.8261 | YMZ | | |
| 742 | 2000/07/02,18:24 | 34.1 | 139.3 | 5 | 3.8 | 4.87e14 | 92.84 | near Miyakejima island | 162 | 65 | -55 | 283 | 42 | -141 | 0.3475 | 0.6422 | 0.0390 | 0.2709 | -0.5483 | -0.6184 | JIZ | SGN | TTO |
| 743 | 2000/07/02,18:27 | 34.1 | 139.4 | 17 | 3.8 | 4.81e14 | 94.07 | near Miyakejima island | 350 | 88 | -4 | 80 | 86 | -178 | 0.3555 | 0.9320 | -0.0293 | -0.3522 | 0.0778 | -0.0033 | JIZ | FUJ | SGN |
| 744 | 2000/07/02,19:42 | 34.2 | 139.3 | 5 | 5.1 | 4.81e16 | 97.07 | near Niijima island | 154 | 83 | -32 | 248 | 58 | -172 | 0.7306 | 0.5912 | -0.2380 | -0.5113 | -0.4395 | -0.2193 | JIZ | FUJ | SGN |
| 745 | 2000/07/02,20:03 | 34.2 | 139.4 | 5 | 5.6 | 3.30e17 | 88.20 | near Miyakejima island | 336 | 62 | -44 | 91 | 52 | -143 | 0.5999 | 0.7669 | -0.0226 | 0.0072 | 0.3293 | -0.6071 | FUJ | SGN | NAA |
| 746 | 2000/07/02,20:09 | 34.1 | 139.4 | 17 | 4.7 | 1.36e16 | 76.30 | near Miyakejima island | 187 | 87 | 10 | 96 | 80 | 177 | -0.2573 | 0.9583 | 0.0224 | 0.1808 | 0.1794 | 0.0765 | JIZ | SGN | NAA |
| 747 | 2000/07/02,20:27 | 34.2 | 139.3 | 8 | 4.3 | 3.17e15 | 79.98 | near Niijima island | 16 | 82 | -11 | 108 | 79 | -172 | -0.4767 | 0.8048 | -0.1427 | 0.6317 | 0.1310 | -0.1549 | JIZ | SGN | NAA |
| 748 | 2000/07/03,00:45 | 34.1 | 139.4 | 11 | 4.4 | 5.25e15 | 90.47 | near Miyakejima island | 5 | 81 | -14 | 98 | 76 | -171 | -0.0704 | 0.9482 | -0.0794 | 0.3734 | 0.1648 | -0.3029 | JIZ | SGN | NAA |
| 749 | 2000/07/03,00:50 | 34.2 | 139.3 | 11 | 4.4 | 4.92e15 | 92.18 | near Niijima island | 12 | 80 | -17 | 105 | 74 | -169 | -0.3728 | 0.8395 | -0.1995 | 0.5120 | 0.2179 | -0.1392 | JIZ | FUJ | SGN |
| 750 | 2000/07/03,00:53 | 34.2 | 139.4 | 5 | 4.9 | 2.39e16 | 88.61 | near Miyakejima island | 346 | 54 | -57 | 119 | 47 | -126 | 0.1990 | 0.6659 | -0.1691 | 0.5682 | 0.2711 | -0.7672 | JIZ | SGN | NAA |
| 751 | 2000/07/03,01:04 | 34.2 | 139.4 | 8 | 4.8 | 1.77e16 | 93.13 | near Miyakejima island | 7 | 82 | -18 | 100 | 72 | -171 | -0.1795 | 0.9061 | -0.1136 | 0.3672 | 0.2656 | -0.1877 | JIZ | FUJ | SGN |
| 752 | 2000/07/03,01:29 | 34.1 | 139.3 | 11 | 4.3 | 3.71e15 | 94.09 | near Miyakejima island | 17 | 88 | -14 | 107 | 76 | -178 | -0.5094 | 0.8030 | -0.0867 | 0.5754 | 0.2291 | -0.0660 | JIZ | FUJ | SGN |
| 753 | 2000/07/03,01:34 | 34.1 | 139.3 | 11 | 3.7 | 4.45e14 | 79.82 | near Miyakejima island | 19 | 83 | -11 | 110 | 79 | -173 | -0.6441 | 0.7486 | -0.2034 | 0.5908 | 0.1477 | 0.0533 | JIZ | SGN | NAA |
| 754 | 2000/07/03,01:38 | 34.1 | 139.3 | 11 | 3.6 | 3.29e14 | 73.58 | near Miyakejima island | 29 | 89 | -18 | 119 | 72 | -179 | -0.8423 | 0.5065 | -0.1955 | 0.7719 | 0.2420 | 0.0704 | JIZ | FUJ | NAA |
| 755 | 2000/07/03,01:46 | 34.1 | 139.4 | 5 | 3.9 | 7.34e14 | 90.37 | near Miyakejima island | 237 | 79 | -159 | 143 | 69 | -12 | 0.9398 | 0.3199 | 0.1868 | -0.7887 | -0.3168 | -0.1512 | JIZ | FUJ | SGN |
| 756 | 2000/07/03,01:48 | 34.1 | 139.3 | 11 | 4.1 | 1.60e15 | 93.48 | near Miyakejima island | 12 | 86 | -9 | 103 | 82 | -176 | -0.3681 | 0.8941 | -0.0845 | 0.4650 | 0.1228 | -0.0969 | JIZ | FUJ | SGN |
| 757 | 2000/07/03,01:55 | 34.2 | 139.3 | 5 | 3.9 | 7.74e14 | 91.79 | near Niijima island | 343 | 66 | -49 | 98 | 47 | -146 | 0.3806 | 0.6719 | -0.0930 | 0.1783 | 0.5450 | -0.5589 | JIZ | FUJ | SGN |
| 758 | 2000/07/03,01:57 | 34.1 | 139.3 | 5 | 4.0 | 1.15e15 | 83.03 | near Miyakejima island | 350 | 61 | -54 | 115 | 45 | -136 | 0.1967 | 0.5829 | -0.2266 | 0.5012 | 0.4774 | -0.6978 | SGN | NAA | |
| 759 | 2000/07/03,02:02 | 34.1 | 139.4 | 11 | 4.8 | 1.83e16 | 93.48 | near Miyakejima island | 14 | 88 | -14 | 105 | 76 | -178 | -0.4043 | 0.8477 | -0.0404 | 0.5463 | 0.2410 | -0.1420 | JIZ | SGN | NAA |
| 760 | 2000/07/03,02:14 | 34.1 | 139.4 | 5 | 4.5 | 5.38e15 | 85.39 | near Miyakejima island | 163 | 58 | -60 | 295 | 43 | -129 | 0.2469 | 0.6807 | 0.0521 | 0.4859 | -0.3803 | -0.7329 | JIZ | SGN | NAA |
| 761 | 2000/07/03,02:23 | 34.1 | 139.4 | 5 | 4.6 | 8.60e15 | 93.42 | near Miyakejima island | 333 | 61 | -64 | 108 | 38 | -129 | 0.4577 | 0.5299 | 0.0326 | 0.2996 | 0.5298 | -0.7573 | JIZ | FUJ | SGN |
| 762 | 2000/07/03,02:34 | 34.2 | 139.4 | 8 | 4.3 | 2.86e15 | 91.68 | near Miyakejima island | 109 | 81 | -166 | 17 | 76 | -9 | -0.5050 | 0.7742 | -0.2491 | 0.6350 | 0.0439 | -0.1300 | JIZ | FUJ | SGN |
| 763 | 2000/07/03,02:40 | 34.2 | 139.3 | 5 | 4.3 | 3.09e15 | 88.90 | near Niijima island | 311 | 66 | -76 | 99 | 28 | -119 | 0.6440 | 0.3958 | 0.4362 | 0.0399 | 0.4694 | -0.6838 | FUJ | SGN | TTO |
| 764 | 2000/07/03,02:59 | 34.1 | 139.3 | 5 | 4.2 | 2.35e15 | 89.48 | near Miyakejima island | 166 | 76 | -43 | 268 | 48 | -161 | 0.3453 | 0.7411 | -0.0740 | 0.0094 | -0.5814 | -0.3547 | FUJ | SGN | TTO |
| 765 | 2000/07/03,03:02 | 34.1 | 139.3 | 11 | 3.7 | 3.35e14 | 74.57 | near Miyakejima island | 114 | 82 | -171 | 23 | 81 | -8 | -0.7269 | 0.6729 | -0.2133 | 0.6874 | 0.0780 | 0.0395 | FUJ | SGN | NAA |
| 766 | 2000/07/03,03:05 | 34.1 | 139.3 | 5 | 4.2 | 1.95e15 | 85.75 | near Miyakejima island | 334 | 63 | -64 | 108 | 37 | -130 | 0.4364 | 0.5383 | 0.0582 | 0.2953 | 0.5518 | -0.7318 | JIZ | FUJ | SGN |
| 767 | 2000/07/03,03:15 | 34.2 | 139.4 | 5 | 4.9 | 2.27e16 | 87.54 | near Miyakejima island | 133 | 50 | -98 | 325 | 41 | -81 | 0.3953 | 0.5429 | -0.1664 | 0.5487 | -0.0499 | -0.9440 | JIZ | SGN | NAA |
| 768 | 2000/07/03,03:21 | 34.1 | 139.3 | 5 | 3.9 | 8.47e14 | 71.99 | near Miyakejima island | 158 | 76 | -52 | 264 | 40 | -159 | 0.4710 | 0.5523 | -0.1403 | -0.1109 | -0.7028 | -0.3601 | JIZ | FUJ | SGN |
| 769 | 2000/07/03,03:23 | 34.1 | 139.3 | 5 | 4.1 | 1.41e15 | 65.25 | near Miyakejima island | 357 | 58 | -61 | 131 | 42 | -127 | -0.0761 | 0.5313 | -0.1261 | 0.8166 | 0.3499 | -0.7405 | JIZ | SGN | |
| 770 | 2000/07/03,03:36 | 34.1 | 139.4 | 11 | 4.8 | 1.74e16 | 94.55 | near Miyakejima island | 2 | 90 | -12 | 92 | 78 | -180 | -0.0156 | 0.9777 | 0.0219 | 0.1162 | 0.2056 | -0.1006 | JIZ | FUJ | SGN |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 771 | 2000/07/03,03:43 | 34.1 | 139.3 | 11 | 4.1 | 1.78e15 | 87.53 | near Miyakejima island | 23 | 87 | -22 | 114 | 68 | -176 | -0.6368 | 0.6264 | -0.1531 | 0.7433 | 0.3314 | -0.1065 | JIZ | FUJ | SGN |
| 772 | 2000/07/03,03:49 | 34.1 | 139.4 | 11 | 3.8 | 5.74e14 | 86.24 | near Miyakejima island | 359 | 89 | -11 | 89 | 79 | -178 | 0.1377 | 0.9829 | 0.0335 | 0.0587 | 0.1789 | -0.1965 | JIZ | FUJ | SGN |
| 773 | 2000/07/03,03:53 | 34.1 | 139.4 | 8 | 3.9 | 7.17e14 | 86.83 | near Miyakejima island | 2 | 74 | -18 | 97 | 73 | -163 | -0.0009 | 0.9272 | -0.1904 | 0.3184 | 0.1817 | -0.3175 | JIZ | SGN | NAA |
| 774 | 2000/07/03,03:57 | 34.1 | 139.3 | 8 | 3.8 | 6.18e14 | 85.91 | near Miyakejima island | 20 | 83 | -8 | 111 | 82 | -173 | -0.5769 | 0.7480 | -0.1381 | 0.7037 | 0.0829 | -0.1267 | JIZ | SGN | NAA |
| 775 | 2000/07/03,04:04 | 34.1 | 139.4 | 11 | 4.2 | 2.09e15 | 92.73 | near Miyakejima island | 100 | 81 | -163 | 7 | 73 | -9 | -0.1755 | 0.9126 | -0.2658 | 0.3707 | 0.0426 | -0.1952 | JIZ | SGN | NAA |
| 776 | 2000/07/03,04:07 | 34.1 | 139.3 | 14 | 3.5 | 2.22e14 | 55.63 | near Miyakejima island | 191 | 87 | 9 | 100 | 81 | 177 | -0.4227 | 0.9206 | -0.0078 | 0.2887 | 0.1426 | 0.1340 | JIZ | SGN | NAA |
| 777 | 2000/07/03,04:15 | 34.1 | 139.4 | 11 | 4.0 | 1.12e15 | 79.89 | near Miyakejima island | 113 | 82 | -131 | 14 | 41 | -13 | -0.2906 | 0.5100 | -0.7146 | 0.5080 | -0.1838 | -0.2175 | FUJ | NAA | |
| 778 | 2000/07/03,04:36 | 34.2 | 139.4 | 11 | 4.5 | 6.77e15 | 93.95 | near Miyakejima island | 360 | 88 | -24 | 90 | 66 | -178 | 0.0101 | 0.9099 | -0.0357 | 0.0015 | 0.4135 | -0.0116 | JIZ | FUJ | SGN |
| 779 | 2000/07/03,04:43 | 34.1 | 139.3 | 11 | 4.3 | 2.86e15 | 92.67 | near Miyakejima island | 186 | 90 | 24 | 96 | 66 | 180 | -0.1542 | 0.8941 | 0.0152 | 0.2285 | 0.4075 | -0.0743 | JIZ | SGN | NAA |
| 780 | 2000/07/03,05:09 | 34.2 | 139.4 | 8 | 4.5 | 5.37e15 | 93.50 | near Miyakejima island | 102 | 80 | -167 | 9 | 77 | -11 | -0.2738 | 0.8981 | -0.2271 | 0.4110 | 0.1111 | -0.1372 | JIZ | FUJ | SGN |
| 781 | 2000/07/03,05:26 | 34.2 | 139.3 | 5 | 4.3 | 3.73e15 | 93.85 | near Niijima island | 329 | 69 | -69 | 101 | 29 | -134 | 0.4476 | 0.4614 | 0.2769 | 0.1489 | 0.6487 | -0.5965 | JIZ | FUJ | SGN |
| 782 | 2000/07/03,05:37 | 33.2 | 133.9 | 20 | 4.0 | 9.63e14 | 87.07 | Tosa bay region | 274 | 65 | 127 | 33 | 44 | 38 | -0.6923 | 0.5035 | -0.4829 | 0.0764 | -0.2858 | 0.6159 | ISI | KIS | ABU |
| 783 | 2000/07/03,06:58 | 34.1 | 139.2 | 5 | 3.9 | 8.30e14 | 95.42 | near Niijima island | 252 | 81 | -161 | 159 | 72 | -9 | 0.6267 | 0.7233 | 0.2448 | -0.5568 | -0.2531 | -0.0699 | JIZ | FUJ | SGN |
| 784 | 2000/07/03,07:08 | 34.1 | 139.4 | 11 | 3.7 | 4.49e14 | 90.60 | near Miyakejima island | 96 | 84 | -173 | 6 | 83 | -6 | -0.1975 | 0.9656 | -0.1245 | 0.2151 | 0.0893 | -0.0176 | JIZ | FUJ | SGN |
| 785 | 2000/07/03,07:29 | 34.1 | 139.3 | 5 | 4.1 | 1.50e15 | 90.82 | near Miyakejima island | 255 | 73 | -162 | 159 | 73 | -18 | 0.6423 | 0.7394 | 0.1700 | -0.4450 | -0.3192 | -0.1974 | JIZ | FUJ | SGN |
| 786 | 2000/07/03,07:46 | 34.1 | 139.3 | 11 | 3.5 | 1.82e14 | 71.12 | near Miyakejima island | 18 | 89 | -6 | 108 | 84 | -179 | -0.7255 | 0.7987 | -0.0891 | 0.4508 | 0.0902 | 0.2747 | JIZ | SGN | NAA |
| 787 | 2000/07/03,08:43 | 34.1 | 139.4 | 14 | 3.5 | 1.84e14 | 78.56 | near Miyakejima island | 18 | 88 | -11 | 108 | 79 | -178 | -0.5678 | 0.7951 | -0.0894 | 0.5793 | 0.1646 | -0.0115 | JIZ | FUJ | SGN |
| 788 | 2000/07/03,09:25 | 34.1 | 139.4 | 11 | 3.9 | 6.77e14 | 94.59 | near Miyakejima island | 11 | 85 | -20 | 102 | 70 | -174 | -0.3386 | 0.8607 | -0.1530 | 0.3897 | 0.3201 | -0.0511 | JIZ | FUJ | SGN |
| 789 | 2000/07/03,09:40 | 34.1 | 139.4 | 11 | 3.5 | 2.32e14 | 93.18 | near Miyakejima island | 356 | 82 | -16 | 89 | 74 | -172 | 0.1342 | 0.9528 | -0.0937 | -0.0268 | 0.2614 | -0.1074 | JIZ | FUJ | SGN |
| 790 | 2000/07/03,10:05 | 34.1 | 139.4 | 11 | 4.0 | 9.71e14 | 65.84 | near Miyakejima island | 180 | 89 | 33 | 89 | 57 | 179 | -0.0080 | 0.8345 | -0.0056 | -0.0291 | 0.5500 | 0.0371 | JIZ | FUJ | SGN |
| 791 | 2000/07/03,12:42 | 34.2 | 139.4 | 11 | 3.8 | 6.31e14 | 91.54 | near Miyakejima island | 105 | 87 | -174 | 15 | 84 | -3 | -0.4468 | 0.8665 | -0.1036 | 0.5277 | 0.0152 | -0.0809 | JIZ | FUJ | SGN |
| 792 | 2000/07/03,13:11 | 34.1 | 139.3 | 11 | 3.6 | 2.81e14 | 88.65 | near Miyakejima island | 205 | 80 | 25 | 111 | 66 | 169 | -0.6825 | 0.6135 | 0.0125 | 0.6017 | 0.4592 | 0.0807 | JIZ | FUJ | SGN |
| 793 | 2000/07/03,13:44 | 34.2 | 139.3 | 17 | 3.9 | 6.98e14 | 72.78 | near Niijima island | 286 | 90 | 170 | 16 | 80 | 0 | -0.4518 | 0.8290 | -0.1607 | 0.6065 | -0.0996 | -0.1547 | SGN | NAA | |
| 794 | 2000/07/03,14:12 | 40.6 | 144.0 | 14 | 4.1 | 1.58e15 | 84.47 | far E off Sanriku | 84 | 83 | -163 | 352 | 74 | -7 | 0.2802 | 0.9264 | -0.2594 | -0.1773 | 0.1178 | -0.1030 | KSN | | |
| 795 | 2000/07/03,14:20 | 34.1 | 139.3 | 11 | 3.8 | 4.82e14 | 80.01 | near Miyakejima island | 15 | 83 | -25 | 109 | 65 | -173 | -0.4109 | 0.7466 | -0.0920 | 0.6572 | 0.3670 | -0.2464 | JIZ | SGN | TTO |
| 796 | 2000/07/03,14:28 | 34.1 | 139.3 | 5 | 4.8 | 1.68e16 | 91.53 | near Miyakejima island | 346 | 63 | -61 | 115 | 39 | -134 | 0.2244 | 0.5818 | -0.0499 | 0.4654 | 0.5385 | -0.6898 | JIZ | FUJ | SGN |
| 797 | 2000/07/03,14:48 | 34.1 | 139.3 | 8 | 4.4 | 5.13e15 | 94.57 | near Miyakejima island | 347 | 83 | -12 | 78 | 78 | -173 | 0.5128 | 0.8850 | -0.0207 | -0.3089 | 0.1914 | -0.2040 | JIZ | FUJ | SGN |
| 798 | 2000/07/03,14:53 | 34.2 | 139.4 | 5 | 4.1 | 1.38e15 | 88.42 | near Miyakejima island | 332 | 65 | -60 | 98 | 38 | -137 | 0.5047 | 0.5693 | 0.1167 | 0.1402 | 0.5677 | -0.6449 | JIZ | FUJ | SGN |
| 799 | 2000/07/03,15:26 | 34.1 | 139.4 | 5 | 4.4 | 4.60e15 | 92.28 | near Miyakejima island | 158 | 65 | -49 | 274 | 46 | -145 | 0.4698 | 0.7368 | -0.0487 | 0.1113 | -0.4540 | -0.5812 | JIZ | FUJ | SGN |
| 800 | 2000/07/03,15:57 | 34.1 | 139.4 | 11 | 3.7 | 4.09e14 | 89.72 | near Miyakejima island | 351 | 89 | -25 | 81 | 65 | -179 | 0.2819 | 0.8686 | 0.0667 | -0.2547 | 0.4114 | -0.0271 | JIZ | FUJ | SGN |
| 801 | 2000/07/03,16:04 | 34.1 | 139.3 | 11 | 4.0 | 9.51e14 | 87.68 | near Miyakejima island | 19 | 77 | -26 | 115 | 65 | -166 | -0.4886 | 0.6455 | -0.2317 | 0.7665 | 0.3031 | -0.2778 | JIZ | FUJ | SGN |
| 802 | 2000/07/03,16:15 | 34.2 | 139.4 | 8 | 4.2 | 2.29e15 | 69.23 | near Miyakejima island | 20 | 89 | -10 | 110 | 80 | -179 | -0.4462 | 0.7481 | 0.0211 | 0.8403 | 0.1715 | -0.3940 | JIZ | TTO | NAA |
| 803 | 2000/07/03,16:22 | 34.1 | 139.3 | 5 | 3.9 | 8.71e14 | 94.12 | near Miyakejima island | 163 | 79 | -40 | 262 | 51 | -165 | 0.4456 | 0.7301 | -0.1073 | -0.1536 | -0.5598 | -0.2919 | JIZ | FUJ | SGN |
| 804 | 2000/07/03,16:40 | 31.1 | 131.6 | 26 | 4.1 | 1.35e15 | 71.80 | SE off Osumi pen | 25 | 78 | -89 | 203 | 12 | -92 | 0.2441 | -0.0177 | -0.3895 | 0.2948 | 0.8208 | -0.5389 | TKD | SBR | FUK |
| 805 | 2000/07/03,17:04 | 34.1 | 139.3 | 11 | 3.9 | 6.95e14 | 91.18 | near Miyakejima island | 18 | 74 | -17 | 113 | 74 | -163 | -0.5079 | 0.7065 | -0.3002 | 0.7011 | 0.1432 | -0.1932 | JIZ | FUJ | SGN |
| 806 | 2000/07/03,17:07 | 34.1 | 139.3 | 5 | 3.9 | 7.16e14 | 91.72 | near Miyakejima island | 147 | 58 | -62 | 283 | 41 | -126 | 0.5977 | 0.4817 | 0.0247 | 0.2188 | -0.4850 | -0.8165 | JIZ | FUJ | SGN |
| 807 | 2000/07/03,17:09 | 34.1 | 139.3 | 8 | 3.7 | 4.69e14 | 78.94 | near Miyakejima island | 204 | 79 | 13 | 112 | 78 | 169 | -0.6432 | 0.6625 | 0.1210 | 0.7126 | 0.3282 | -0.0694 | JIZ | FUJ | SGN |
| 808 | 2000/07/03,17:15 | 34.1 | 139.3 | 5 | 3.9 | 7.92e14 | 95.42 | near Miyakejima island | 155 | 79 | -20 | 249 | 70 | -168 | 0.7677 | 0.6394 | -0.0013 | -0.5844 | -0.3363 | -0.1833 | JIZ | FUJ | SGN |
| 809 | 2000/07/03,17:34 | 34.2 | 139.4 | 5 | 4.5 | 5.51e15 | 92.35 | near Miyakejima island | 339 | 63 | -54 | 100 | 44 | -140 | 0.4291 | 0.6570 | -0.0222 | 0.2116 | 0.5063 | -0.6407 | JIZ | SGN | NAA |
| 810 | 2000/07/03,18:18 | 34.2 | 139.3 | 5 | 4.3 | 3.08e15 | 93.53 | near Niijima island | 152 | 57 | -58 | 283 | 44 | -130 | 0.5401 | 0.5486 | 0.1040 | 0.2388 | -0.4627 | -0.7789 | JIZ | FUJ | SGN |
| 811 | 2000/07/03,19:02 | 34.2 | 139.4 | 8 | 3.9 | 8.13e14 | 92.32 | near Miyakejima island | 106 | 76 | -159 | 10 | 70 | -15 | -0.2892 | 0.8285 | -0.3357 | 0.5022 | 0.1155 | -0.2130 | JIZ | FUJ | SGN |
| 812 | 2000/07/03,19:52 | 34.2 | 139.3 | 5 | 4.2 | 1.99e15 | 93.93 | near Niijima island | 333 | 67 | -66 | 104 | 33 | -135 | 0.4220 | 0.5101 | 0.1708 | 0.2117 | 0.6325 | -0.6336 | JIZ | FUJ | SGN |
| 813 | 2000/07/03,20:44 | 34.1 | 139.4 | 11 | 3.6 | 2.44e14 | 83.68 | near Miyakejima island | 292 | 90 | -152 | 202 | 62 | -0 | -0.5391 | 0.6565 | 0.3980 | 0.6493 | 0.2646 | -0.1102 | JIZ | FUJ | SGN |
| 814 | 2000/07/04,00:16 | 34.1 | 139.3 | 14 | 3.7 | 3.73e14 | 89.78 | near Miyakejima island | 205 | 83 | 19 | 113 | 71 | 173 | -0.6694 | 0.6163 | 0.0152 | 0.7202 | 0.3890 | -0.0508 | JIZ | FUJ | SGN |
| 815 | 2000/07/04,01:01 | 34.1 | 139.3 | 5 | 3.9 | 7.95e14 | 93.72 | near Miyakejima island | 162 | 77 | -48 | 266 | 44 | -161 | 0.4332 | 0.5878 | 0.0008 | -0.1287 | -0.7160 | -0.3045 | JIZ | FUJ | SGN |
| 816 | 2000/07/04,02:37 | 34.2 | 139.4 | 11 | 4.4 | 4.05e15 | 93.69 | near Miyakejima island | 1 | 86 | -19 | 92 | 71 | -176 | 0.0029 | 0.9450 | -0.0282 | 0.1264 | 0.3134 | -0.1292 | JIZ | FUJ | SGN |
| 817 | 2000/07/04,02:57 | 34.1 | 139.3 | 14 | 3.5 | 2.05e14 | 81.19 | near Miyakejima island | 9 | 85 | -7 | 100 | 84 | -175 | -0.3222 | 0.9361 | -0.0992 | 0.3230 | 0.0993 | -0.0008 | JIZ | SGN | NAA |
| 818 | 2000/07/04,03:16 | 34.1 | 139.3 | 14 | 3.7 | 4.71e14 | 92.38 | near Miyakejima island | 9 | 87 | -12 | 100 | 78 | -177 | -0.2975 | 0.9195 | -0.0788 | 0.3504 | 0.2001 | -0.0530 | JIZ | SGN | NAA |
| 819 | 2000/07/04,03:24 | 34.2 | 139.4 | 11 | 4.3 | 3.13e15 | 92.68 | near Miyakejima island | 97 | 87 | -170 | 6 | 80 | -3 | -0.1038 | 0.9628 | -0.1502 | 0.3313 | -0.0277 | -0.2275 | JIZ | SGN | NAA |
| 820 | 2000/07/04,03:38 | 34.1 | 139.4 | 11 | 3.5 | 2.16e14 | 70.57 | near Miyakejima island | 298 | 83 | 155 | 32 | 65 | 8 | -0.6970 | 0.4681 | -0.2758 | 0.7876 | -0.4545 | -0.0906 | JIZ | FUJ | |
| 821 | 2000/07/04,04:17 | 34.1 | 139.4 | 11 | 3.8 | 6.25e14 | 92.47 | near Miyakejima island | 1 | 82 | -12 | 93 | 78 | -172 | 0.0130 | 0.9712 | -0.0973 | 0.1434 | 0.1832 | -0.1564 | JIZ | FUJ | SGN |
| 822 | 2000/07/04,04:22 | 34.1 | 139.3 | 14 | 3.5 | 1.76e14 | 60.50 | near Miyakejima island | 9 | 88 | -22 | 100 | 68 | -178 | -0.2195 | 0.8720 | 0.0325 | 0.4134 | 0.3827 | -0.1939 | JIZ | SGN | NAA |
| 823 | 2000/07/04,04:43 | 34.2 | 139.4 | 5 | 4.2 | 2.32e15 | 75.10 | near Miyakejima island | 150 | 68 | -52 | 265 | 43 | -147 | 0.6426 | 0.5061 | -0.0721 | -0.0972 | -0.6138 | -0.5454 | FUJ | SGN | |
| 824 | 2000/07/04,04:45 | 34.1 | 139.4 | 5 | 4.2 | 2.57e15 | 92.11 | near Miyakejima island | 170 | 74 | -36 | 271 | 55 | -160 | 0.2950 | 0.8763 | -0.0978 | 0.1631 | -0.3974 | -0.4581 | JIZ | FUJ | SGN |
| 825 | 2000/07/04,05:36 | 34.1 | 139.3 | 8 | 3.9 | 8.81e14 | 88.04 | near Miyakejima island | 15 | 77 | -23 | 110 | 68 | -166 | -0.4175 | 0.7463 | -0.2400 | 0.6364 | 0.2742 | -0.2189 | JIZ | FUJ | SGN |
| 826 | 2000/07/04,06:34 | 34.1 | 139.3 | 5 | 4.3 | 3.44e15 | 89.35 | near Miyakejima island | 352 | 70 | -37 | 97 | 56 | -155 | 0.2036 | 0.7885 | -0.1937 | 0.1978 | 0.4698 | -0.4014 | JIZ | FUJ | SGN |
| 827 | 2000/07/04,06:35 | 34.1 | 139.5 | 5 | 4.4 | 3.88e15 | 89.78 | near Miyakejima island | 345 | 75 | -45 | 89 | 46 | -160 | 0.3533 | 0.7128 | 0.0645 | 0.0166 | 0.6032 | -0.3699 | JIZ | FUJ | SGN |
| 828 | 2000/07/04,06:53 | 34.1 | 139.3 | 5 | 5.4 | 1.35e17 | 84.61 | near Miyakejima island | 336 | 55 | -67 | 120 | 41 | -119 | 0.3518 | 0.5852 | -0.0551 | 0.4943 | 0.3507 | -0.8461 | SGN | NAA | ONS |
| 829 | 2000/07/04,07:10 | 34.2 | 139.4 | 5 | 4.6 | 1.05e16 | 92.97 | near Miyakejima island | 319 | 71 | -65 | 85 | 31 | -140 | 0.6309 | 0.3825 | 0.3873 | -0.0859 | 0.5969 | -0.5451 | JIZ | FUJ | SGN |
| 830 | 2000/07/04,07:12 | 34.1 | 139.3 | 26 | 4.1 | 1.52e15 | 80.30 | near Miyakejima island | 92 | 84 | -172 | 1 | 82 | -6 | -0.0131 | 0.9863 | -0.1331 | 0.0945 | 0.0836 | -0.0814 | JIZ | SGN | |
| 831 | 2000/07/04,11:29 | 34.1 | 139.3 | 5 | 3.9 | 7.28e14 | 93.88 | near Miyakejima island | 149 | 74 | -33 | 248 | 59 | -162 | 0.7662 | 0.4744 | -0.0070 | -0.5308 | -0.5638 | -0.2353 | JIZ | FUJ | SGN |
| 832 | 2000/07/04,13:17 | 34.2 | 139.4 | 14 | 4.1 | 1.45e15 | 93.21 | near Miyakejima island | 4 | 84 | -7 | 95 | 84 | -174 | -0.0645 | 0.9811 | -0.0883 | 0.2470 | 0.0782 | -0.1825 | JIZ | SGN | NAA |
| 833 | 2000/07/04,14:50 | 34.2 | 139.3 | 5 | 3.7 | 4.19e14 | 84.85 | near Niijima island | 161 | 50 | -58 | 297 | 49 | -122 | 0.3553 | 0.5376 | 0.2881 | 0.4956 | -0.2842 | -0.8510 | JIZ | FUJ | SGN |
| 834 | 2000/07/04,14:55 | 34.2 | 139.3 | 14 | 4.2 | 1.99e15 | 86.32 | near Niijima island | 7 | 90 | -10 | 97 | 80 | -180 | -0.1223 | 0.9554 | 0.0431 | 0.3713 | 0.1804 | -0.2490 | JIZ | SGN | NAA |
| 835 | 2000/07/04,19:49 | 34.1 | 139.4 | 8 | 4.0 | 1.28e15 | 94.22 | near Miyakejima island | 355 | 83 | -21 | 87 | 69 | -173 | 0.2440 | 0.9335 | 0.0306 | 0.0078 | 0.3214 | -0.2518 | JIZ | FUJ | SGN |
| 836 | 2000/07/04,20:16 | 38.1 | 142.5 | 14 | 4.0 | 1.06e15 | 94.16 | E off Miyagi pref | 61 | 58 | 130 | 183 | 49 | 44 | -0.0577 | 0.5868 | 0.4587 | -0.6291 | 0.1137 | 0.6868 | KSN | YMZ | SBT |
| 837 | 2000/07/04,21:51 | 34.2 | 139.4 | 11 | 4.8 | 2.03e16 | 86.36 | near Miyakejima island | 16 | 89 | -2 | 106 | 88 | -179 | -0.4070 | 0.8536 | -0.0183 | 0.6372 | 0.0267 | -0.2302 | FUJ | SGN | TTO |
| 838 | 2000/07/04,22:14 | 34.2 | 139.3 | 5 | 4.3 | 2.84e15 | 92.73 | near Niijima island | 324 | 59 | -76 | 119 | 33 | -112 | 0.4815 | 0.4732 | 0.1775 | 0.3659 | 0.4503 | -0.8474 | JIZ | FUJ | SGN |
| 839 | 2000/07/04,23:03 | 43.3 | 147.4 | 38 | 4.8 | 1.89e16 | 72.67 | E off Hokkaido | 40 | 77 | 98 | 188 | 15 | 59 | -0.1629 | -0.0166 | 0.6439 | -0.4042 | -0.6218 | 0.5671 | NMR | URH | |
| 840 | 2000/07/04,23:16 | 41.3 | 141.5 | 83 | 4.4 | 3.82e15 | 86.99 | Shimokita peninsula reg | 337 | 89 | -55 | 69 | 35 | -178 | 0.4502 | 0.3826 | 0.2469 | -0.4104 | 0.7835 | -0.0398 | HSS | GJM | KSN |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 841 | 2000/07/05,00:42 | 34.2 | 139.3 | 17 | 4.1 | 1.73e15 | 69.83 | near Niijima island | 181 | 88 | 11 | 91 | 79 | 178 | -0.0087 | 0.9790 | 0.0593 | 0.0750 | 0.1990 | -0.0663 | SGN | NAA | |
| 842 | 2000/07/05,00:43 | 34.2 | 139.4 | 11 | 4.4 | 3.87e15 | 87.07 | near Miyakejima island | 93 | 85 | -166 | 1 | 77 | -5 | 0.1358 | 0.9783 | -0.1843 | 0.2492 | -0.0593 | -0.3850 | JIZ | FUJ | SGN |
| 843 | 2000/07/05,01:03 | 34.2 | 139.3 | 8 | 3.8 | 5.05e14 | 67.86 | near Niijima island | 69 | 88 | 153 | 160 | 64 | 2 | 0.4242 | 0.7190 | 0.3518 | -0.6689 | -0.2945 | 0.2446 | JIZ | FUJ | SGN |
| 844 | 2000/07/05,01:08 | 34.2 | 139.3 | 5 | 4.0 | 1.26e15 | 61.14 | near Niijima island | 275 | 81 | 142 | 12 | 53 | 12 | -0.3120 | 0.7525 | -0.5699 | 0.1208 | -0.1719 | 0.1912 | FUJ | SGN | TTO |
| 845 | 2000/07/05,01:13 | 34.2 | 139.3 | 5 | 4.1 | 1.86e15 | 94.80 | near Niijima island | 155 | 67 | -38 | 262 | 56 | -152 | 0.6062 | 0.6116 | 0.1447 | -0.1953 | -0.5655 | -0.4109 | JIZ | FUJ | SGN |
| 846 | 2000/07/05,01:18 | 34.2 | 139.3 | 5 | 4.5 | 5.46e15 | 94.15 | near Niijima island | 346 | 73 | -40 | 90 | 52 | -158 | 0.3649 | 0.7544 | -0.0457 | 0.0226 | 0.5382 | -0.3874 | JIZ | FUJ | SGN |
| 847 | 2000/07/05,01:32 | 34.2 | 139.3 | 5 | 4.1 | 1.41e15 | 90.27 | near Niijima island | 339 | 67 | -37 | 85 | 57 | -152 | 0.5544 | 0.6814 | -0.1493 | -0.1210 | 0.5026 | -0.4334 | JIZ | FUJ | SGN |
| 848 | 2000/07/05,01:48 | 34.2 | 139.4 | 5 | 4.4 | 4.64e15 | 94.74 | near Miyakejima island | 338 | 75 | -42 | 81 | 50 | -160 | 0.5452 | 0.7020 | 0.1499 | -0.1608 | 0.5249 | -0.3844 | JIZ | FUJ | SGN |
| 849 | 2000/07/05,01:52 | 34.2 | 139.3 | 5 | 4.0 | 9.88e14 | 78.46 | near Niijima island | 326 | 75 | -75 | 101 | 21 | -133 | 0.3934 | 0.3010 | 0.4103 | 0.1085 | 0.7289 | -0.5019 | JIZ | FUJ | SGN |
| 850 | 2000/07/05,01:57 | 34.2 | 139.3 | 5 | 3.7 | 3.90e14 | 78.85 | near Niijima island | 335 | 65 | -47 | 88 | 49 | -146 | 0.5964 | 0.6779 | 0.0195 | -0.0309 | 0.4690 | -0.5655 | JIZ | FUJ | SGN |
| 851 | 2000/07/05,02:21 | 34.1 | 139.3 | 5 | 5.2 | 6.38e16 | 91.28 | near Miyakejima island | 340 | 69 | -41 | 88 | 52 | -153 | 0.4964 | 0.6955 | -0.0613 | -0.0481 | 0.5362 | -0.4483 | FUJ | SGN | ONS |
| 852 | 2000/07/05,02:55 | 34.1 | 139.3 | 20 | 4.2 | 1.95e15 | 88.27 | near Miyakejima island | 12 | 81 | -23 | 106 | 68 | -171 | -0.3549 | 0.8105 | -0.1699 | 0.5251 | 0.3234 | -0.1702 | JIZ | SGN | NAA |
| 853 | 2000/07/05,03:18 | 34.2 | 139.3 | 8 | 3.9 | 8.78e14 | 78.90 | near Niijima island | 347 | 81 | -64 | 95 | 28 | -159 | 0.1831 | 0.4716 | 0.1556 | 0.0949 | 0.8336 | -0.2781 | JIZ | FUJ | SGN |
| 854 | 2000/07/05,03:33 | 34.1 | 139.3 | 5 | 4.1 | 1.78e15 | 92.59 | near Miyakejima island | 320 | 55 | -84 | 130 | 35 | -98 | 0.4544 | 0.5254 | 0.1847 | 0.4484 | 0.2957 | -0.9028 | JIZ | SGN | NAA |
| 855 | 2000/07/05,03:42 | 34.2 | 139.4 | 5 | 4.9 | 2.26e16 | 95.51 | near Miyakejima island | 341 | 77 | -38 | 81 | 53 | -164 | 0.5191 | 0.7395 | 0.1498 | -0.1788 | 0.5010 | -0.3403 | JIZ | FUJ | SGN |
| 856 | 2000/07/05,03:56 | 34.1 | 139.3 | 5 | 4.6 | 1.02e16 | 92.19 | near Miyakejima island | 338 | 61 | -63 | 111 | 38 | -130 | 0.3717 | 0.5818 | 0.0093 | 0.3645 | 0.5104 | -0.7362 | JIZ | FUJ | SGN |
| 857 | 2000/07/05,04:19 | 34.1 | 139.3 | 5 | 4.0 | 1.07e15 | 85.50 | near Miyakejima island | 162 | 81 | -68 | 274 | 24 | -156 | 0.2164 | 0.4005 | -0.2250 | 0.0689 | -0.8517 | -0.2852 | JIZ | SGN | TTO |
| 858 | 2000/07/05,04:38 | 34.2 | 139.3 | 5 | 4.2 | 2.62e15 | 94.01 | near Niijima island | 299 | 56 | -99 | 135 | 35 | -77 | 0.5955 | 0.4799 | 0.3593 | 0.3077 | 0.1065 | -0.9032 | JIZ | FUJ | SGN |
| 859 | 2000/07/05,06:26 | 34.2 | 139.2 | 5 | 3.9 | 8.23e14 | 93.01 | near Niijima island | 301 | 58 | -92 | 125 | 32 | -87 | 0.6397 | 0.4190 | 0.3767 | 0.2596 | 0.2023 | -0.8993 | JIZ | FUJ | SGN |
| 860 | 2000/07/05,08:35 | 34.2 | 139.4 | 11 | 4.2 | 2.30e15 | 92.48 | near Miyakejima island | 5 | 82 | -32 | 100 | 59 | -170 | -0.1452 | 0.8212 | -0.1117 | 0.3459 | 0.4798 | -0.2007 | JIZ | FUJ | SGN |
| 861 | 2000/07/05,12:42 | 34.2 | 139.3 | 5 | 4.3 | 2.88e15 | 93.73 | near Niijima island | 335 | 71 | -57 | 92 | 37 | -148 | 0.4530 | 0.5798 | 0.1774 | 0.0422 | 0.6412 | -0.4952 | JIZ | FUJ | SGN |
| 862 | 2000/07/05,13:35 | 34.1 | 139.3 | 5 | 4.3 | 3.13e15 | 95.52 | near Miyakejima island | 349 | 78 | -42 | 90 | 49 | -164 | 0.2758 | 0.7412 | -0.0090 | 0.0116 | 0.6126 | -0.2874 | JIZ | FUJ | SGN |
| 863 | 2000/07/05,16:58 | 36.9 | 135.5 | 5 | 3.5 | 2.08e14 | 68.94 | NW off Hokuriku District | 342 | 62 | 59 | 215 | 41 | 135 | 0.1748 | 0.1785 | -0.4044 | -0.8838 | -0.3911 | 0.7089 | NAA | TTO | KZK |
| 864 | 2000/07/05,19:46 | 34.2 | 139.3 | 5 | 4.5 | 5.89e15 | 95.60 | near Niijima island | 353 | 78 | -32 | 90 | 59 | -167 | 0.2142 | 0.8532 | -0.0375 | 0.0545 | 0.4703 | -0.2687 | JIZ | FUJ | SGN |
| 865 | 2000/07/05,20:10 | 34.2 | 139.4 | 5 | 4.6 | 8.72e15 | 91.78 | near Miyakejima island | 151 | 62 | -67 | 289 | 36 | -126 | 0.4638 | 0.5194 | -0.0791 | 0.3028 | -0.5266 | -0.7666 | JIZ | FUJ | SGN |
| 866 | 2000/07/05,20:23 | 34.2 | 139.3 | 11 | 4.2 | 2.26e15 | 93.43 | near Niijima island | 18 | 82 | -14 | 110 | 76 | -172 | -0.5739 | 0.7569 | -0.1990 | 0.6210 | 0.1788 | -0.0471 | JIZ | FUJ | SGN |
| 867 | 2000/07/06,00:22 | 40.9 | 142.1 | 35 | 3.4 | 1.48e14 | 85.97 | E off Aomori pref | 41 | 78 | 116 | 154 | 29 | 26 | 0.2332 | 0.0507 | 0.6695 | -0.6312 | -0.5115 | 0.3980 | TMR | | |
| 868 | 2000/07/06,02:16 | 34.1 | 139.3 | 5 | 3.9 | 9.23e14 | 89.35 | near Miyakejima island | 152 | 59 | -49 | 273 | 50 | -137 | 0.6015 | 0.5503 | 0.1702 | 0.0686 | -0.5150 | -0.6702 | FUJ | SGN | TTO |
| 869 | 2000/07/06,02:22 | 34.1 | 139.4 | 5 | 4.5 | 5.39e15 | 93.96 | near Miyakejima island | 145 | 55 | -55 | 275 | 48 | -130 | 0.6807 | 0.4977 | 0.1281 | 0.0952 | -0.4475 | -0.7759 | JIZ | FUJ | SGN |
| 870 | 2000/07/06,02:49 | 34.1 | 139.3 | 5 | 4.0 | 9.95e14 | 89.82 | near Miyakejima island | 158 | 76 | -56 | 269 | 37 | -155 | 0.4223 | 0.5369 | -0.1405 | -0.0226 | -0.7229 | -0.3996 | JIZ | FUJ | SGN |
| 871 | 2000/07/06,03:09 | 34.2 | 139.3 | 5 | 4.1 | 1.59e15 | 92.07 | near Niijima island | 138 | 50 | -80 | 304 | 41 | -101 | 0.5443 | 0.5471 | -0.0440 | 0.3922 | -0.1893 | -0.9365 | JIZ | SGN | NAA |
| 872 | 2000/07/06,04:07 | 34.2 | 139.3 | 14 | 4.8 | 1.96e16 | 93.41 | near Niijima island | 11 | 90 | -5 | 101 | 85 | -180 | -0.3228 | 0.9163 | -0.0060 | 0.4459 | 0.0953 | -0.1231 | JIZ | FUJ | SGN |
| 873 | 2000/07/06,04:09 | 36.5 | 142.3 | 47 | 4.9 | 2.23e16 | 70.39 | far E off Ibaraki pref | 185 | 53 | 81 | 20 | 38 | 102 | 0.1328 | 0.2568 | 0.0371 | -0.9937 | 0.2839 | 0.8609 | ONS | KZK | TTO |
| 874 | 2000/07/06,04:32 | 34.2 | 139.3 | 8 | 3.8 | 4.85e14 | 61.94 | near Niijima island | 150 | 83 | -69 | 258 | 22 | -160 | 0.3887 | 0.2522 | -0.3966 | -0.1352 | -0.8153 | -0.2535 | JIZ | FUJ | |
| 875 | 2000/07/06,05:57 | 34.2 | 139.3 | 5 | 4.2 | 1.89e15 | 95.53 | near Niijima island | 348 | 81 | -22 | 81 | 69 | -170 | 0.3952 | 0.8621 | -0.0655 | -0.2656 | 0.3689 | -0.1296 | JIZ | FUJ | SGN |
| 876 | 2000/07/06,06:27 | 34.2 | 139.3 | 5 | 5.1 | 4.52e16 | 91.31 | near Niijima island | 157 | 63 | -66 | 293 | 35 | -128 | 0.3144 | 0.5910 | -0.0945 | 0.3877 | -0.5313 | -0.7021 | JIZ | FUJ | SGN |
| 877 | 2000/07/06,07:14 | 34.2 | 139.3 | 5 | 4.0 | 1.06e15 | 72.71 | near Niijima island | 296 | 55 | -107 | 144 | 38 | -67 | 0.5415 | 0.4706 | 0.3753 | 0.3742 | -0.0238 | -0.9157 | JIZ | FUJ | SGN |
| 878 | 2000/07/06,07:35 | 34.2 | 139.3 | 5 | 4.1 | 1.51e15 | 86.95 | near Niijima island | 146 | 58 | -66 | 286 | 39 | -124 | 0.5755 | 0.5075 | -0.0441 | 0.2418 | -0.4642 | -0.8173 | JIZ | SGN | NAA |
| 879 | 2000/07/06,07:44 | 34.2 | 139.4 | 5 | 4.2 | 1.99e15 | 92.21 | near Miyakejima island | 342 | 71 | -28 | 82 | 63 | -159 | 0.6392 | 0.8486 | 0.0280 | -0.1369 | 0.2396 | -0.5023 | JIZ | FUJ | SGN |
| 880 | 2000/07/06,07:53 | 34.1 | 139.3 | 5 | 3.9 | 7.59e14 | 86.73 | near Miyakejima island | 338 | 70 | -46 | 87 | 47 | -152 | 0.5228 | 0.6196 | -0.0152 | -0.0600 | 0.6081 | -0.4628 | JIZ | FUJ | SGN |
| 881 | 2000/07/06,07:57 | 34.2 | 139.3 | 5 | 4.1 | 1.80e15 | 91.44 | near Niijima island | 148 | 71 | -58 | 266 | 37 | -147 | 0.5933 | 0.4352 | -0.1845 | -0.0625 | -0.6733 | -0.5308 | JIZ | FUJ | SGN |
| 882 | 2000/07/06,08:01 | 34.1 | 139.3 | 5 | 4.2 | 2.02e15 | 92.36 | near Miyakejima island | 151 | 63 | -61 | 280 | 39 | -134 | 0.5391 | 0.5075 | -0.0362 | 0.1773 | -0.5739 | -0.7163 | JIZ | FUJ | SGN |
| 883 | 2000/07/06,08:18 | 34.1 | 139.3 | 5 | 3.9 | 7.65e14 | 89.78 | near Miyakejima island | 161 | 78 | -38 | 260 | 53 | -165 | 0.5018 | 0.7053 | -0.0859 | -0.2277 | -0.5576 | -0.2742 | JIZ | FUJ | SGN |
| 884 | 2000/07/06,08:30 | 34.2 | 139.3 | 5 | 4.0 | 1.05e15 | 91.44 | near Niijima island | 152 | 68 | -47 | 265 | 47 | -149 | 0.6380 | 0.6168 | -0.0722 | -0.1130 | -0.5323 | -0.5250 | JIZ | SGN | TTO |
| 885 | 2000/07/06,09:08 | 34.1 | 139.3 | 8 | 3.9 | 7.23e14 | 69.13 | near Miyakejima island | 164 | 86 | 45 | 70 | 45 | 174 | 0.3086 | 0.6003 | 0.4059 | -0.3679 | 0.6286 | 0.0592 | JIZ | FUJ | SGN |
| 886 | 2000/07/06,09:46 | 34.2 | 139.3 | 20 | 4.2 | 1.95e15 | 91.42 | near Niijima island | 186 | 87 | 10 | 95 | 80 | 177 | -0.1042 | 0.9630 | 0.0830 | 0.2639 | 0.1903 | -0.1597 | JIZ | SGN | NAA |
| 887 | 2000/07/06,09:55 | 34.2 | 139.3 | 5 | 3.9 | 7.81e14 | 90.43 | near Niijima island | 164 | 75 | -52 | 272 | 41 | -157 | 0.3480 | 0.6224 | -0.0575 | 0.0461 | -0.6854 | -0.3941 | JIZ | FUJ | SGN |
| 888 | 2000/07/06,09:58 | 34.2 | 139.3 | 5 | 4.0 | 1.22e15 | 88.14 | near Niijima island | 167 | 62 | -55 | 291 | 44 | -137 | 0.1916 | 0.7193 | 0.0383 | 0.4639 | -0.4300 | -0.6555 | JIZ | SGN | NAA |
| 889 | 2000/07/06,10:13 | 34.2 | 139.2 | 17 | 4.5 | 5.69e15 | 93.05 | near Niijima island | 96 | 86 | 174 | 187 | 84 | 4 | -0.1972 | 0.9658 | 0.1020 | 0.2485 | 0.0902 | -0.0513 | JIZ | FUJ | SGN |
| 890 | 2000/07/06,10:35 | 34.2 | 139.3 | 5 | 3.9 | 7.46e14 | 75.04 | near Niijima island | 296 | 67 | -119 | 171 | 37 | -42 | 0.1605 | 0.5446 | 0.6094 | 0.4693 | 0.1079 | -0.6298 | JIZ | FUJ | SGN |
| 891 | 2000/07/06,10:38 | 34.2 | 139.3 | 5 | 4.4 | 4.41e15 | 95.19 | near Niijima island | 358 | 74 | -29 | 97 | 62 | -162 | 0.0549 | 0.8553 | -0.2104 | 0.2195 | 0.4042 | -0.2744 | JIZ | FUJ | SGN |
| 892 | 2000/07/06,10:48 | 34.2 | 139.3 | 5 | 4.6 | 1.03e16 | 96.87 | near Niijima island | 164 | 68 | -47 | 275 | 47 | -150 | 0.3861 | 0.6716 | 0.0871 | 0.1137 | -0.5794 | -0.4998 | JIZ | FUJ | SGN |
| 893 | 2000/07/06,10:53 | 34.2 | 139.3 | 5 | 3.9 | 6.83e14 | 62.38 | near Niijima island | 148 | 76 | -59 | 260 | 34 | -155 | 0.5725 | 0.3506 | -0.2514 | -0.1668 | -0.7483 | -0.4058 | JIZ | FUJ | |
| 894 | 2000/07/06,11:18 | 34.2 | 139.3 | 11 | 3.9 | 7.31e14 | 87.79 | near Niijima island | 349 | 76 | 20 | 254 | 71 | 165 | 0.3411 | 0.8166 | -0.2888 | -0.4839 | -0.2529 | 0.1428 | JIZ | SGN | TTO |
| 895 | 2000/07/06,11:21 | 34.2 | 139.3 | 5 | 4.0 | 1.15e15 | 73.69 | near Niijima island | 290 | 70 | -127 | 175 | 41 | -31 | 0.0852 | 0.5806 | 0.6637 | 0.4227 | -0.0072 | -0.5079 | JIZ | SGN | NAA |
| 896 | 2000/07/06,11:30 | 34.2 | 139.3 | 11 | 4.1 | 1.65e15 | 70.14 | near Niijima island | 169 | 66 | 57 | 47 | 40 | 140 | 0.2010 | 0.3514 | 0.2842 | -0.8212 | 0.4963 | 0.6202 | JIZ | FUJ | |
| 897 | 2000/07/06,11:36 | 34.2 | 139.3 | 14 | 4.1 | 1.56e15 | 83.17 | near Niijima island | 85 | 87 | -168 | 355 | 78 | -3 | 0.1439 | 0.9619 | -0.2035 | -0.1940 | 0.0977 | 0.0501 | JIZ | FUJ | SGN |
| 898 | 2000/07/06,11:41 | 34.2 | 139.3 | 5 | 4.0 | 9.99e14 | 86.91 | near Niijima island | 87 | 69 | -140 | 341 | 53 | -26 | 0.4525 | 0.6706 | -0.4907 | -0.0533 | 0.3639 | -0.3993 | JIZ | FUJ | SGN |
| 899 | 2000/07/06,11:46 | 34.2 | 139.2 | 8 | 3.9 | 7.23e14 | 86.77 | near Niijima island | 151 | 51 | -65 | 293 | 45 | -118 | 0.5004 | 0.5463 | 0.1357 | 0.3819 | -0.3082 | -0.8823 | JIZ | SGN | |
| 900 | 2000/07/06,11:51 | 34.2 | 139.3 | 5 | 4.3 | 2.83e15 | 95.12 | near Niijima island | 144 | 87 | -35 | 236 | 55 | -176 | 0.8100 | 0.2843 | -0.3171 | -0.7338 | -0.4708 | -0.0762 | JIZ | FUJ | SGN |
| 901 | 2000/07/06,11:54 | 34.2 | 139.3 | 5 | 4.0 | 1.10e15 | 91.75 | near Niijima island | 337 | 76 | -40 | 79 | 51 | -162 | 0.5702 | 0.6204 | 0.0415 | -0.2724 | 0.6034 | -0.2979 | JIZ | FUJ | SGN |
| 902 | 2000/07/06,11:56 | 34.2 | 139.3 | 17 | 3.7 | 4.33e14 | 71.99 | near Niijima island | 103 | 84 | 161 | 195 | 71 | 6 | -0.4628 | 0.8256 | 0.2890 | 0.4279 | 0.1897 | 0.0349 | JIZ | SGN | NAA |
| 903 | 2000/07/06,12:04 | 34.3 | 139.2 | 5 | 4.2 | 2.30e15 | 92.49 | near Niijima island | 345 | 67 | -28 | 86 | 65 | -154 | 0.4601 | 0.8048 | -0.2157 | -0.0880 | 0.3598 | -0.3721 | JIZ | FUJ | SGN |
| 904 | 2000/07/06,12:11 | 34.2 | 139.3 | 5 | 3.8 | 5.17e14 | 67.99 | near Niijima island | 327 | 80 | -15 | 60 | 76 | -170 | 0.9154 | 0.4367 | -0.0004 | -0.7904 | 0.2682 | -0.1250 | JIZ | FUJ | SGN |
| 905 | 2000/07/06,12:20 | 34.2 | 139.3 | 5 | 3.7 | 4.41e14 | 79.09 | near Niijima island | 328 | 78 | -21 | 63 | 69 | -167 | 0.8621 | 0.4731 | 0.0085 | -0.7074 | 0.3768 | -0.1547 | JIZ | FUJ | SGN |
| 906 | 2000/07/06,12:27 | 34.2 | 139.4 | 5 | 4.2 | 1.98e15 | 79.51 | near Miyakejima island | 341 | 66 | -35 | 87 | 58 | -151 | 0.5154 | 0.7424 | -0.1551 | -0.0657 | 0.4363 | -0.4497 | JIZ | FUJ | SGN |
| 907 | 2000/07/06,12:30 | 34.2 | 139.3 | 8 | 3.9 | 8.88e14 | 92.48 | near Niijima island | 336 | 84 | -6 | 66 | 84 | -174 | 0.8329 | 0.6622 | -0.0321 | -0.6444 | 0.0996 | -0.1885 | JIZ | FUJ | SGN |
| 908 | 2000/07/06,12:39 | 34.2 | 139.3 | 5 | 4.1 | 1.86e15 | 88.69 | near Niijima island | 164 | 71 | -59 | 282 | 36 | -146 | 0.2583 | 0.5930 | -0.0786 | 0.2520 | -0.6729 | -0.5103 | JIZ | FUJ | SGN |
| 909 | 2000/07/06,12:44 | 34.2 | 139.3 | 5 | 3.8 | 4.75e14 | 72.88 | near Niijima island | 329 | 72 | -32 | 69 | 60 | -160 | 0.8622 | 0.5514 | 0.0676 | -0.4743 | 0.3943 | -0.3879 | FUJ | SGN | TTO |
| 910 | 2000/07/06,12:49 | 34.2 | 139.3 | 5 | 4.1 | 1.56e15 | 73.88 | near Niijima island | 151 | 84 | -58 | 251 | 32 | -169 | 0.4596 | 0.3963 | -0.3939 | -0.2965 | -0.7274 | -0.1632 | JIZ | FUJ | SGN |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 911 | 2000/07/06,12:54 | 34.2 | 139.3 | 5 | 4.5 | 6.96e15 | 97.08 | near Niijima island | 74 | 69 | -157 | 335 | 68 | -23 | 0.8017 | 0.6838 | -0.1297 | -0.4054 | 0.2648 | -0.3963 | JIZ | FUJ | SGN |
| 912 | 2000/07/06,12:59 | 34.2 | 139.3 | 8 | 4.3 | 2.92e15 | 85.81 | near Niijima island | 66 | 84 | -172 | 335 | 82 | -7 | 0.8124 | 0.6434 | -0.0754 | -0.6855 | 0.1329 | -0.1269 | JIZ | FUJ | SGN |
| 913 | 2000/07/06,13:09 | 34.2 | 139.3 | 5 | 4.6 | 8.08e15 | 97.05 | near Niijima island | 149 | 80 | -36 | 246 | 55 | -167 | 0.7730 | 0.4702 | -0.1826 | -0.5491 | -0.5215 | -0.2238 | JIZ | FUJ | SGN |
| 914 | 2000/07/06,13:13 | 34.2 | 139.3 | 5 | 4.4 | 4.02e15 | 91.71 | near Niijima island | 342 | 66 | -27 | 83 | 66 | -154 | 0.5362 | 0.7705 | -0.2260 | -0.1757 | 0.3650 | -0.3605 | JIZ | FUJ | SGN |
| 915 | 2000/07/06,13:20 | 34.2 | 139.3 | 5 | 4.8 | 2.03e16 | 96.96 | near Niijima island | 155 | 80 | -48 | 256 | 43 | -165 | 0.5442 | 0.5303 | -0.2192 | -0.2875 | -0.6671 | -0.2568 | JIZ | FUJ | SGN |
| 916 | 2000/07/06,13:23 | 34.2 | 139.3 | 5 | 4.6 | 8.92e15 | 75.63 | near Niijima island | 161 | 68 | -50 | 275 | 44 | -148 | 0.4179 | 0.6452 | 0.0272 | 0.1145 | -0.5903 | -0.5324 | JIZ | FUJ | SGN |
| 917 | 2000/07/06,13:38 | 34.2 | 139.3 | 5 | 4.9 | 2.12e16 | 91.29 | near Niijima island | 81 | 69 | -156 | 343 | 68 | -23 | 0.5571 | 0.7985 | -0.2038 | -0.2212 | 0.3065 | -0.3359 | JIZ | FUJ | SGN |
| 918 | 2000/07/06,13:44 | 34.2 | 139.3 | 20 | 3.8 | 6.34e14 | 66.87 | near Niijima island | 165 | 84 | -30 | 259 | 60 | -173 | 0.4353 | 0.7799 | -0.0593 | -0.3150 | -0.4861 | -0.1203 | JIZ | SGN | |
| 919 | 2000/07/06,13:49 | 34.2 | 139.3 | 5 | 4.9 | 2.47e16 | 94.57 | near Niijima island | 154 | 64 | -55 | 276 | 42 | -140 | 0.5339 | 0.5253 | 0.0398 | 0.1097 | -0.6081 | -0.6436 | JIZ | FUJ | SGN |
| 920 | 2000/07/06,13:54 | 34.1 | 139.3 | 5 | 4.2 | 2.33e15 | 92.02 | near Miyakejima island | 163 | 80 | -39 | 260 | 52 | -168 | 0.4639 | 0.7578 | -0.2104 | -0.1585 | -0.5104 | -0.3054 | JIZ | FUJ | SGN |
| 921 | 2000/07/06,14:06 | 34.2 | 139.2 | 8 | 4.5 | 5.38e15 | 91.43 | near Niijima island | 258 | 81 | 154 | 352 | 64 | 10 | 0.1457 | 0.8672 | -0.3631 | -0.4396 | 0.0824 | 0.2938 | JIZ | FUJ | SGN |
| 922 | 2000/07/06,14:11 | 34.2 | 139.3 | 5 | 4.2 | 2.08e15 | 68.26 | near Niijima island | 339 | 76 | 104 | 112 | 19 | 45 | -0.1681 | -0.3576 | -0.2780 | -0.2471 | -0.8189 | 0.4152 | JIZ | SGN | |
| 923 | 2000/07/06,14:16 | 34.2 | 139.2 | 5 | 5.0 | 3.52e16 | 94.80 | near Niijima island | 350 | 69 | -29 | 91 | 63 | -157 | 0.3408 | 0.8662 | -0.1413 | 0.0741 | 0.3283 | -0.4149 | JIZ | FUJ | SGN |
| 924 | 2000/07/06,14:22 | 34.2 | 139.3 | 5 | 4.4 | 4.36e15 | 73.85 | near Niijima island | 153 | 84 | -60 | 253 | 30 | -168 | 0.3994 | 0.4226 | -0.4160 | -0.2346 | -0.7354 | -0.1648 | JIZ | FUJ | SGN |
| 925 | 2000/07/06,14:30 | 34.2 | 139.3 | 5 | 3.8 | 5.93e14 | 74.44 | near Niijima island | 80 | 69 | -144 | 335 | 57 | -26 | 0.6743 | 0.6586 | -0.3514 | -0.2517 | 0.3122 | -0.4226 | JIZ | FUJ | SGN |
| 926 | 2000/07/06,14:38 | 34.2 | 139.2 | 5 | 4.1 | 1.38e15 | 91.51 | near Niijima island | 152 | 75 | -42 | 255 | 50 | -160 | 0.6730 | 0.5289 | -0.1014 | -0.3328 | -0.6030 | -0.3402 | JIZ | FUJ | SGN |
| 927 | 2000/07/06,14:52 | 34.2 | 139.3 | 5 | 4.7 | 1.34e16 | 95.77 | near Niijima island | 161 | 72 | -52 | 272 | 42 | -152 | 0.4188 | 0.6010 | -0.0258 | 0.0461 | -0.6612 | -0.4649 | JIZ | FUJ | SGN |
| 928 | 2000/07/06,14:59 | 34.2 | 139.3 | 5 | 5.3 | 8.74e16 | 94.01 | near Niijima island | 159 | 73 | -48 | 267 | 44 | -156 | 0.4493 | 0.7192 | -0.1955 | -0.0146 | -0.5454 | -0.4347 | JIZ | FUJ | SGN |
| 929 | 2000/07/06,15:25 | 34.2 | 139.2 | 5 | 4.1 | 1.50e15 | 75.77 | near Niijima island | 142 | 80 | -66 | 254 | 26 | -156 | 0.5009 | 0.2882 | -0.4928 | -0.1890 | -0.6993 | -0.3119 | JIZ | FUJ | SGN |
| 930 | 2000/07/06,15:43 | 34.2 | 139.3 | 14 | 3.7 | 4.02e14 | 67.30 | near Niijima island | 328 | 85 | -36 | 61 | 54 | -174 | 0.7339 | 0.3753 | 0.2113 | -0.6763 | 0.5637 | -0.0576 | JIZ | FUJ | |
| 931 | 2000/07/06,15:48 | 34.2 | 139.2 | 5 | 4.9 | 2.80e16 | 95.03 | near Niijima island | 352 | 73 | -30 | 91 | 61 | -161 | 0.2633 | 0.8520 | -0.1282 | 0.0592 | 0.4171 | -0.3225 | JIZ | FUJ | SGN |
| 932 | 2000/07/06,16:01 | 34.2 | 139.3 | 5 | 4.1 | 1.38e15 | 89.85 | near Niijima island | 152 | 68 | -54 | 269 | 41 | -146 | 0.5653 | 0.6213 | -0.1735 | -0.0182 | -0.5493 | -0.5470 | JIZ | FUJ | SGN |
| 933 | 2000/07/06,16:14 | 34.2 | 139.4 | 5 | 4.4 | 4.39e15 | 96.27 | near Miyakejima island | 333 | 78 | -31 | 70 | 60 | -166 | 0.7636 | 0.6050 | 0.1104 | -0.4814 | 0.4323 | -0.2821 | JIZ | FUJ | SGN |
| 934 | 2000/07/06,16:26 | 34.2 | 139.3 | 5 | 3.7 | 3.54e14 | 60.78 | near Niijima island | 248 | 86 | 153 | 340 | 63 | 4 | 0.6455 | 0.6307 | -0.4968 | -0.5790 | 0.0218 | -0.0664 | FUJ | SGN | |
| 935 | 2000/07/06,16:28 | 34.2 | 139.3 | 5 | 4.2 | 2.04e15 | 95.22 | near Niijima island | 344 | 74 | -20 | 79 | 71 | -164 | 0.5951 | 0.8413 | -0.0854 | -0.2567 | 0.2437 | -0.3384 | JIZ | FUJ | SGN |
| 936 | 2000/07/06,16:34 | 34.2 | 139.3 | 11 | 3.9 | 8.85e14 | 73.47 | near Niijima island | 336 | 87 | -14 | 67 | 76 | -177 | 0.6353 | 0.6637 | -0.0052 | -0.7727 | 0.2720 | 0.1374 | JIZ | SGN | |
| 937 | 2000/07/06,16:38 | 34.2 | 139.3 | 11 | 3.7 | 4.40e14 | 68.79 | near Niijima island | 359 | 82 | 17 | 266 | 73 | 171 | 0.1148 | 0.9317 | -0.2214 | -0.0468 | -0.3102 | -0.0680 | JIZ | SGN | TTO |
| 938 | 2000/07/06,16:41 | 34.2 | 139.3 | 5 | 3.9 | 6.82e14 | 75.19 | near Niijima island | 155 | 79 | -58 | 263 | 34 | -160 | 0.4357 | 0.4809 | -0.2602 | -0.1176 | -0.7421 | -0.3181 | JIZ | FUJ | SGN |
| 939 | 2000/07/06,16:53 | 34.2 | 139.3 | 5 | 4.4 | 4.56e15 | 95.70 | near Niijima island | 155 | 82 | -42 | 251 | 48 | -170 | 0.6042 | 0.5712 | -0.2627 | -0.3936 | -0.5780 | -0.2106 | JIZ | FUJ | SGN |
| 940 | 2000/07/06,17:01 | 34.2 | 139.3 | 5 | 4.5 | 6.88e15 | 84.91 | near Niijima island | 149 | 66 | -67 | 283 | 33 | -131 | 0.4796 | 0.5302 | -0.2126 | 0.1834 | -0.5719 | -0.6630 | JIZ | FUJ | SGN |
| 941 | 2000/07/06,17:25 | 34.2 | 139.2 | 5 | 4.5 | 6.40e15 | 95.77 | near Niijima island | 159 | 83 | -41 | 255 | 50 | -171 | 0.5225 | 0.6369 | -0.1861 | -0.3358 | -0.5948 | -0.1867 | JIZ | FUJ | SGN |
| 942 | 2000/07/06,17:53 | 34.2 | 139.2 | 5 | 3.6 | 2.79e14 | 78.67 | near Niijima island | 336 | 78 | -23 | 71 | 68 | -167 | 0.7547 | 0.6926 | 0.0241 | -0.4711 | 0.3253 | -0.2836 | JIZ | FUJ | SGN |
| 943 | 2000/07/06,18:14 | 34.2 | 139.2 | 5 | 3.9 | 8.84e14 | 92.69 | near Niijima island | 328 | 58 | -47 | 88 | 51 | -138 | 0.7337 | 0.6218 | -0.0658 | -0.0759 | 0.3747 | -0.6578 | JIZ | FUJ | SGN |
| 944 | 2000/07/06,18:31 | 34.2 | 139.2 | 5 | 5.1 | 5.61e16 | 95.93 | near Niijima island | 350 | 73 | -22 | 87 | 69 | -162 | 0.3651 | 0.8891 | -0.1477 | -0.0571 | 0.2958 | -0.3080 | JIZ | FUJ | SGN |
| 945 | 2000/07/06,18:50 | 34.2 | 139.3 | 5 | 4.1 | 1.51e15 | 84.00 | near Niijima island | 288 | 56 | -128 | 162 | 49 | -48 | 0.3629 | 0.6014 | 0.4142 | 0.3749 | -0.2573 | -0.7378 | JIZ | FUJ | SGN |
| 946 | 2000/07/06,18:59 | 34.2 | 139.3 | 5 | 4.9 | 2.72e16 | 94.23 | near Niijima island | 342 | 82 | -21 | 75 | 69 | -171 | 0.6907 | 0.8074 | 0.1326 | -0.3109 | 0.2526 | -0.3797 | JIZ | FUJ | SGN |
| 947 | 2000/07/06,19:15 | 34.2 | 139.3 | 5 | 5.0 | 3.58e16 | 96.04 | near Niijima island | 349 | 72 | -35 | 91 | 57 | -159 | 0.3089 | 0.8104 | -0.1050 | 0.0577 | 0.4727 | -0.3665 | JIZ | FUJ | SGN |
| 948 | 2000/07/06,19:19 | 34.2 | 139.3 | 5 | 4.9 | 2.47e16 | 94.80 | near Niijima island | 359 | 85 | -38 | 93 | 52 | -173 | 0.0213 | 0.7906 | 0.0129 | 0.1389 | 0.6031 | -0.1603 | JIZ | FUJ | SGN |
| 949 | 2000/07/06,19:28 | 34.2 | 139.3 | 8 | 4.0 | 9.90e14 | 65.63 | near Niijima island | 342 | 75 | -68 | 105 | 27 | -144 | 0.1513 | 0.5229 | 0.2292 | 0.2688 | 0.7500 | -0.4201 | JIZ | SGN | |
| 950 | 2000/07/06,19:33 | 34.2 | 139.3 | 5 | 4.0 | 1.08e15 | 65.50 | near Niijima island | 153 | 81 | -77 | 277 | 16 | -145 | 0.2281 | 0.2712 | -0.3926 | 0.0666 | -0.8359 | -0.2948 | JIZ | SGN | |
| 951 | 2000/07/06,20:04 | 34.2 | 139.3 | 8 | 4.0 | 1.16e15 | 90.31 | near Niijima island | 355 | 89 | -9 | 85 | 81 | -179 | 0.2291 | 0.9693 | 0.0154 | -0.1192 | 0.1543 | -0.1099 | JIZ | FUJ | SGN |
| 952 | 2000/07/06,20:37 | 34.2 | 139.2 | 14 | 3.9 | 7.09e14 | 57.09 | near Niijima island | 74 | 79 | 167 | 167 | 77 | 11 | 0.5574 | 0.8169 | 0.3648 | -0.3569 | 0.2020 | -0.2005 | JIZ | FUJ | |
| 953 | 2000/07/06,22:23 | 34.2 | 139.3 | 5 | 4.0 | 1.04e15 | 84.63 | near Niijima island | 224 | 59 | -42 | 339 | 55 | -141 | -0.3223 | -0.2624 | 0.5555 | 0.9010 | 0.0656 | -0.5787 | NAA | TTO | ONS |
| 954 | 2000/07/06,23:36 | 34.2 | 139.3 | 5 | 3.9 | 9.43e14 | 92.22 | near Niijima island | 148 | 85 | -7 | 238 | 84 | -174 | 0.9431 | 0.4331 | 0.0146 | -0.8390 | -0.1273 | -0.1041 | JIZ | FUJ | SGN |
| 955 | 2000/07/07,00:08 | 34.1 | 139.2 | 5 | 4.2 | 2.53e15 | 90.90 | near Niijima island | 304 | 55 | -109 | 156 | 39 | -64 | 0.3570 | 0.4935 | 0.3874 | 0.5389 | 0.0208 | -0.8959 | JIZ | FUJ | SGN |
| 956 | 2000/07/07,00:20 | 34.2 | 139.3 | 5 | 3.9 | 8.43e14 | 86.14 | near Niijima island | 144 | 84 | -55 | 243 | 36 | -169 | 0.6091 | 0.2285 | -0.3672 | -0.4260 | -0.7243 | -0.1830 | FUJ | SGN | TTO |
| 957 | 2000/07/07,01:20 | 34.2 | 139.3 | 17 | 3.6 | 3.28e14 | 64.37 | near Niijima island | 359 | 82 | 15 | 267 | 75 | 172 | 0.1273 | 0.9444 | -0.2220 | -0.0081 | -0.2867 | -0.1192 | SGN | TTO | |
| 958 | 2000/07/07,02:45 | 34.2 | 139.3 | 5 | 5.3 | 8.55e16 | 90.71 | near Niijima island | 165 | 76 | -33 | 264 | 58 | -163 | 0.4936 | 0.8620 | -0.1575 | -0.0385 | -0.3529 | -0.4552 | FUJ | SGN | NAA |
| 959 | 2000/07/07,02:55 | 34.2 | 139.3 | 5 | 4.4 | 4.38e15 | 85.97 | near Niijima island | 157 | 86 | -64 | 256 | 26 | -170 | 0.3179 | 0.3583 | -0.3270 | -0.1890 | -0.8292 | -0.1289 | JIZ | FUJ | SGN |
| 960 | 2000/07/07,06:43 | 34.2 | 139.3 | 5 | 3.9 | 7.84e14 | 74.24 | near Niijima island | 152 | 68 | -59 | 275 | 37 | -141 | 0.5138 | 0.5310 | -0.1207 | 0.0857 | -0.6241 | -0.5995 | JIZ | SGN | TTO |
| 961 | 2000/07/07,07:55 | 34.2 | 139.2 | 5 | 4.1 | 1.58e15 | 86.47 | near Niijima island | 344 | 70 | -33 | 86 | 59 | -157 | 0.4337 | 0.7586 | -0.1697 | -0.1011 | 0.4931 | -0.3325 | JIZ | FUJ | SGN |
| 962 | 2000/07/07,10:49 | 34.2 | 139.3 | 11 | 3.9 | 7.13e14 | 73.29 | near Niijima island | 357 | 83 | 41 | 261 | 49 | 170 | 0.0878 | 0.7374 | -0.0602 | -0.2836 | -0.6282 | 0.1958 | JIZ | SGN | |
| 963 | 2000/07/07,10:53 | 34.2 | 139.3 | 5 | 4.0 | 1.13e15 | 90.29 | near Niijima island | 249 | 73 | -152 | 150 | 63 | -19 | 0.8104 | 0.5318 | 0.2738 | -0.5331 | -0.3711 | -0.2773 | SGN | TTO | |
| 964 | 2000/07/07,11:34 | 34.2 | 139.3 | 5 | 4.4 | 4.02e15 | 84.52 | near Niijima island | 164 | 76 | -50 | 270 | 42 | -159 | 0.3505 | 0.6304 | -0.0621 | 0.0039 | -0.6903 | -0.3544 | JIZ | FUJ | SGN |
| 965 | 2000/07/07,11:50 | 34.2 | 139.3 | 5 | 4.1 | 1.80e15 | 74.94 | near Niijima island | 271 | 60 | -141 | 159 | 57 | -37 | 0.5406 | 0.7127 | 0.2777 | 0.0153 | -0.3374 | -0.5559 | JIZ | FUJ | SGN |
| 966 | 2000/07/07,12:28 | 34.2 | 139.3 | 5 | 4.5 | 5.94e15 | 93.01 | near Niijima island | 165 | 80 | -58 | 272 | 33 | -161 | 0.2386 | 0.5548 | -0.1524 | 0.0559 | -0.7735 | -0.2945 | JIZ | FUJ | SGN |
| 967 | 2000/07/07,18:37 | 39.1 | 144.5 | 5 | 4.6 | 1.06e16 | 72.51 | far E off north Honshu | 146 | 61 | -119 | 15 | 40 | -48 | -0.0888 | 0.1292 | -0.5312 | 0.8516 | -0.2292 | -0.7629 | TMR | GJM | KZK |
| 968 | 2000/07/07,20:33 | 34.2 | 139.3 | 5 | 4.0 | 1.15e15 | 63.95 | near Niijima island | 159 | 73 | -59 | 275 | 35 | -150 | 0.3528 | 0.5743 | -0.1718 | 0.1067 | -0.6895 | -0.4595 | JIZ | SGN | NAA |
| 969 | 2000/07/07,23:59 | 34.2 | 139.2 | 5 | 4.0 | 1.08e15 | 88.30 | near Niijima island | 151 | 85 | -57 | 248 | 33 | -171 | 0.4985 | 0.3370 | -0.3535 | -0.3528 | -0.7462 | -0.1458 | FUJ | SGN | TTO |
| 970 | 2000/07/08,02:15 | 35.7 | 140.7 | 47 | 4.0 | 1.22e15 | 76.71 | near Choshi city | 345 | 73 | 86 | 178 | 17 | 103 | 0.0292 | -0.0966 | -0.2342 | -0.5583 | -0.7970 | 0.5291 | SGN | JIZ | FUJ |
| 971 | 2000/07/08,04:21 | 34.2 | 139.3 | 8 | 3.9 | 7.56e14 | 87.53 | near Niijima island | 146 | 79 | -50 | 248 | 41 | -164 | 0.6711 | 0.3418 | -0.2789 | -0.3966 | -0.6823 | -0.2745 | JIZ | FUJ | TTO |
| 972 | 2000/07/08,06:47 | 34.2 | 139.3 | 5 | 4.8 | 1.50e16 | 96.31 | near Niijima island | 154 | 82 | -56 | 255 | 35 | -166 | 0.4750 | 0.4477 | -0.3141 | -0.2533 | -0.7273 | -0.2217 | JIZ | FUJ | SGN |
| 973 | 2000/07/08,09:41 | 34.1 | 139.5 | 23 | 5.2 | 7.63e16 | 73.70 | near Miyakejima island | 255 | 78 | -86 | 58 | 13 | -107 | 0.3486 | -0.1513 | 0.8788 | 0.0848 | -0.2148 | -0.4334 | FUJ | TTO | NAA |
| 974 | 2000/07/08,13:34 | 34.2 | 139.3 | 5 | 4.9 | 2.16e16 | 95.48 | near Niijima island | 279 | 62 | -142 | 169 | 57 | -35 | 0.3162 | 0.8107 | 0.3034 | 0.2442 | -0.2011 | -0.5604 | JIZ | FUJ | SGN |
| 975 | 2000/07/08,14:52 | 34.2 | 139.3 | 5 | 3.9 | 9.21e14 | 77.78 | near Niijima island | 151 | 83 | -49 | 249 | 41 | -170 | 0.5940 | 0.4034 | -0.2538 | -0.4263 | -0.7024 | -0.1677 | JIZ | FUJ | SGN |
| 976 | 2000/07/08,15:05 | 34.2 | 139.3 | 5 | 3.7 | 3.47e14 | 66.35 | near Niijima island | 287 | 68 | -148 | 184 | 60 | -25 | -0.0783 | 0.7883 | 0.3995 | 0.4927 | -0.1315 | -0.4144 | JIZ | SGN | |
| 977 | 2000/07/08,15:40 | 34.2 | 139.3 | 5 | 4.9 | 2.19e16 | 97.16 | near Niijima island | 152 | 79 | -27 | 247 | 64 | -168 | 0.8000 | 0.5660 | -0.0955 | -0.5775 | -0.4047 | -0.2225 | JIZ | FUJ | SGN |
| 978 | 2000/07/08,16:03 | 34.2 | 139.2 | 5 | 4.2 | 2.28e15 | 95.29 | near Niijima island | 152 | 80 | -44 | 251 | 47 | -167 | 0.6435 | 0.4720 | -0.1720 | -0.4327 | -0.6539 | -0.2108 | JIZ | FUJ | SGN |
| 979 | 2000/07/08,16:43 | 34.2 | 139.3 | 5 | 3.9 | 8.29e14 | 92.78 | near Niijima island | 325 | 69 | -45 | 75 | 49 | -151 | 0.8061 | 0.5102 | 0.1376 | -0.3075 | 0.4886 | -0.4986 | JIZ | FUJ | SGN |
| 980 | 2000/07/08,16:49 | 34.2 | 139.3 | 5 | 5.4 | 1.20e17 | 93.69 | near Niijima island | 350 | 87 | -19 | 81 | 71 | -177 | 0.4120 | 0.9053 | 0.1213 | -0.1620 | 0.2912 | -0.2500 | JIZ | FUJ | SGN |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 981 | 2000/07/08,16:52 | 34.2 | 139.3 | 5 | 4.8 | 2.06e16 | 90.15 | near Niijima island | 152 | 83 | -56 | 252 | 35 | -167 | 0.5154 | 0.4027 | -0.3250 | -0.3023 | -0.7297 | -0.2131 | JIZ | FUJ | SGN |
| 982 | 2000/07/08,17:18 | 34.2 | 139.3 | 5 | 4.4 | 4.27e15 | 89.18 | near Niijima island | 343 | 62 | -44 | 97 | 52 | -144 | 0.4140 | 0.7311 | -0.1485 | 0.1724 | 0.4251 | -0.5864 | JIZ | FUJ | SGN |
| 983 | 2000/07/08,17:20 | 34.2 | 139.3 | 5 | 4.6 | 9.59e15 | 96.47 | near Niijima island | 156 | 78 | -45 | 258 | 46 | -164 | 0.5515 | 0.6306 | -0.2199 | -0.2384 | -0.5847 | -0.3131 | JIZ | FUJ | SGN |
| 984 | 2000/07/08,17:26 | 34.2 | 139.3 | 5 | 4.7 | 1.14e16 | 91.61 | near Niijima island | 328 | 71 | -73 | 104 | 25 | -131 | 0.3726 | 0.4547 | 0.3509 | 0.1710 | 0.6720 | -0.5436 | JIZ | FUJ | SGN |
| 985 | 2000/07/08,17:37 | 34.2 | 139.3 | 5 | 4.1 | 1.39e15 | 83.48 | near Niijima island | 147 | 83 | -38 | 243 | 52 | -171 | 0.7617 | 0.4119 | -0.2800 | -0.5921 | -0.5262 | -0.1696 | JIZ | FUJ | SGN |
| 986 | 2000/07/08,17:40 | 34.2 | 139.3 | 5 | 3.8 | 4.84e14 | 63.46 | near Niijima island | 340 | 71 | -47 | 89 | 46 | -153 | 0.4601 | 0.7113 | 0.0913 | 0.0166 | 0.5368 | -0.4767 | JIZ | FUJ | SGN |
| 987 | 2000/07/08,17:56 | 34.2 | 139.3 | 8 | 4.3 | 2.99e15 | 92.39 | near Niijima island | 352 | 82 | -14 | 84 | 76 | -171 | 0.3274 | 0.9411 | -0.0609 | -0.1232 | 0.2077 | -0.2041 | JIZ | FUJ | SGN |
| 988 | 2000/07/08,18:03 | 34.2 | 139.3 | 8 | 4.5 | 7.40e15 | 95.03 | near Niijima island | 89 | 84 | -170 | 358 | 80 | -6 | 0.1579 | 0.9800 | -0.1541 | 0.0209 | 0.0606 | -0.1788 | JIZ | FUJ | SGN |
| 989 | 2000/07/08,18:10 | 34.1 | 139.3 | 8 | 3.7 | 3.65e14 | 72.85 | near Miyakejima island | 168 | 87 | 31 | 76 | 59 | 177 | 0.3594 | 0.7821 | 0.2337 | -0.3268 | 0.4762 | -0.0325 | JIZ | FUJ | SGN |
| 990 | 2000/07/08,18:17 | 34.2 | 139.3 | 5 | 3.8 | 6.58e14 | 92.76 | near Niijima island | 251 | 89 | 178 | 341 | 88 | 1 | 0.7162 | 0.7770 | -0.0531 | -0.5386 | -0.0176 | -0.1776 | JIZ | FUJ | SGN |
| 991 | 2000/07/08,18:32 | 34.2 | 139.2 | 5 | 4.2 | 2.11e15 | 91.40 | near Niijima island | 347 | 72 | -51 | 98 | 43 | -153 | 0.2664 | 0.6633 | -0.0172 | 0.1937 | 0.6370 | -0.4602 | JIZ | FUJ | SGN |
| 992 | 2000/07/08,18:41 | 34.2 | 139.3 | 5 | 4.7 | 1.16e16 | 95.63 | near Niijima island | 356 | 74 | -32 | 95 | 60 | -161 | 0.1337 | 0.8363 | -0.1748 | 0.1728 | 0.4431 | -0.3065 | JIZ | FUJ | SGN |
| 993 | 2000/07/08,18:57 | 34.1 | 139.3 | 5 | 5.9 | 7.79e17 | 93.69 | near Miyakejima island | 346 | 70 | -45 | 95 | 48 | -152 | 0.3426 | 0.6836 | -0.1120 | 0.1154 | 0.5915 | -0.4580 | SGN | ONS | |
| 994 | 2000/07/08,19:09 | 34.2 | 139.3 | 5 | 5.0 | 3.52e16 | 91.06 | near Niijima island | 343 | 74 | -46 | 89 | 46 | -157 | 0.4018 | 0.6937 | 0.0547 | 0.0071 | 0.5981 | -0.4089 | JIZ | SGN | TTO |
| 995 | 2000/07/08,19:14 | 34.2 | 139.3 | 5 | 4.5 | 6.15e15 | 71.70 | near Niijima island | 340 | 73 | -34 | 81 | 58 | -160 | 0.5279 | 0.6717 | -0.1266 | -0.2758 | 0.5795 | -0.2521 | JIZ | SGN | TTO |
| 996 | 2000/07/08,19:53 | 34.3 | 139.3 | 5 | 4.3 | 3.24e15 | 90.04 | near Niijima island | 154 | 73 | -39 | 257 | 53 | -158 | 0.6827 | 0.6368 | -0.0845 | -0.2888 | -0.4970 | -0.3939 | JIZ | FUJ | SGN |
| 997 | 2000/07/08,20:27 | 34.2 | 139.3 | 5 | 4.1 | 1.47e15 | 86.37 | near Niijima island | 336 | 74 | -44 | 81 | 49 | -158 | 0.5812 | 0.6294 | 0.0925 | -0.1996 | 0.5830 | -0.3816 | JIZ | FUJ | SGN |
| 998 | 2000/07/08,20:32 | 34.2 | 139.1 | 14 | 4.1 | 1.56e15 | 74.71 | near Niijima island | 136 | 88 | -147 | 45 | 58 | -3 | -0.7668 | 0.0320 | -0.2747 | 0.9394 | -0.4673 | -0.1727 | JIZ | FUJ | |
| 999 | 2000/07/08,20:38 | 34.3 | 139.1 | 8 | 4.8 | 1.75e16 | 89.29 | near Niijima island | 307 | 85 | 138 | 41 | 49 | 6 | -0.7502 | 0.1937 | -0.4475 | 0.6769 | -0.5087 | 0.0733 | JIZ | FUJ | SGN |
| 1000 | 2000/07/08,21:05 | 34.3 | 139.2 | 5 | 4.0 | 1.10e15 | 74.89 | near Niijima island | 284 | 86 | 131 | 18 | 42 | 6 | -0.4452 | 0.5434 | -0.7207 | 0.3349 | -0.1653 | 0.1103 | JIZ | FUJ | NAA |
| 1001 | 2000/07/08,21:29 | 34.2 | 139.3 | 5 | 4.0 | 1.12e15 | 91.23 | near Niijima island | 150 | 81 | -28 | 245 | 62 | -170 | 0.7628 | 0.4770 | -0.0645 | -0.6782 | -0.5065 | -0.0846 | JIZ | FUJ | SGN |
| 1002 | 2000/07/08,23:00 | 34.4 | 139.3 | 5 | 4.0 | 1.22e15 | 95.08 | near Niijima island | 107 | 78 | -168 | 14 | 78 | -12 | -0.4016 | 0.8260 | -0.1923 | 0.6034 | 0.1033 | -0.2018 | JIZ | FUJ | SGN |
| 1003 | 2000/07/09,04:34 | 34.2 | 139.3 | 5 | 4.1 | 1.77e15 | 95.41 | near Niijima island | 341 | 76 | -36 | 81 | 56 | -162 | 0.5127 | 0.6943 | -0.0458 | -0.2486 | 0.5674 | -0.2641 | JIZ | FUJ | SGN |
| 1004 | 2000/07/09,05:50 | 34.2 | 139.3 | 5 | 4.1 | 1.65e15 | 93.21 | near Niijima island | 334 | 77 | -52 | 80 | 40 | -159 | 0.5479 | 0.5217 | 0.1964 | -0.1934 | 0.6808 | -0.3545 | JIZ | FUJ | SGN |
| 1005 | 2000/07/09,09:53 | 34.2 | 139.3 | 5 | 4.2 | 2.49e15 | 90.73 | near Niijima island | 303 | 60 | -134 | 186 | 52 | -40 | -0.1226 | 0.5381 | 0.4745 | 0.7470 | -0.0887 | -0.6244 | JIZ | FUJ | SGN |
| 1006 | 2000/07/09,16:41 | 34.2 | 139.3 | 5 | 3.8 | 5.82e14 | 81.22 | near Niijima island | 325 | 68 | -61 | 88 | 36 | -141 | 0.6153 | 0.4849 | 0.2460 | -0.0344 | 0.5912 | -0.5809 | JIZ | FUJ | SGN |
| 1007 | 2000/07/09,17:08 | 34.2 | 139.3 | 5 | 4.3 | 3.32e15 | 93.94 | near Niijima island | 315 | 75 | -75 | 89 | 21 | -134 | 0.4958 | 0.2432 | 0.5384 | -0.0106 | 0.6402 | -0.4852 | JIZ | FUJ | SGN |
| 1008 | 2000/07/09,18:53 | 34.2 | 139.3 | 5 | 3.9 | 6.75e14 | 75.37 | near Niijima island | 141 | 77 | -86 | 303 | 14 | -107 | 0.2437 | 0.2327 | -0.5508 | 0.1964 | -0.7037 | -0.4400 | JIZ | SGN | TTO |
| 1009 | 2000/07/09,19:15 | 34.2 | 139.3 | 5 | 4.9 | 2.76e16 | 95.47 | near Niijima island | 346 | 74 | -39 | 89 | 53 | -160 | 0.3764 | 0.7583 | -0.0494 | -0.0216 | 0.5408 | -0.3548 | JIZ | FUJ | SGN |
| 1010 | 2000/07/09,19:38 | 34.2 | 139.3 | 5 | 4.0 | 1.13e15 | 91.55 | near Niijima island | 168 | 72 | -43 | 275 | 49 | -156 | 0.2713 | 0.7896 | -0.0399 | 0.1838 | -0.5018 | -0.4551 | JIZ | SGN | TTO |
| 1011 | 2000/07/09,21:04 | 39.6 | 143.7 | 17 | 3.7 | 4.44e14 | 73.79 | far E off Sanriku | 21 | 51 | 89 | 203 | 39 | 92 | -0.1208 | 0.3495 | 0.0667 | -0.8447 | -0.2132 | 0.9655 | KSN | GJM | |
| 1012 | 2000/07/09,23:22 | 34.2 | 139.2 | 5 | 3.4 | 1.42e14 | 75.12 | near Niijima island | 327 | 90 | -23 | 58 | 67 | -179 | 0.8330 | 0.3877 | 0.2046 | -0.8275 | 0.3356 | -0.0055 | JIZ | FUJ | SGN |
| 1013 | 2000/07/10,06:59 | 34.2 | 139.3 | 5 | 3.7 | 3.99e14 | 84.86 | near Niijima island | 153 | 61 | -38 | 264 | 57 | -145 | 0.6545 | 0.5986 | 0.2089 | -0.1399 | -0.4954 | -0.5145 | JIZ | FUJ | TTO |
| 1014 | 2000/07/10,08:01 | 34.2 | 139.3 | 8 | 3.5 | 1.93e14 | 89.79 | near Niijima island | 334 | 64 | -45 | 87 | 51 | -146 | 0.6045 | 0.5607 | -0.1337 | -0.0686 | 0.5884 | -0.5359 | JIZ | | |
| 1015 | 2000/07/10,08:19 | 34.2 | 139.3 | 5 | 4.0 | 9.79e14 | 93.07 | near Niijima island | 149 | 79 | -40 | 248 | 51 | -166 | 0.7327 | 0.4826 | -0.2120 | -0.4704 | -0.5585 | -0.2623 | JIZ | FUJ | SGN |
| 1016 | 2000/07/10,09:59 | 46.5 | 145.8 | 360 | 5.6 | 3.28e17 | 90.17 | southern sea of Okhotsk | 78 | 52 | -105 | 282 | 41 | -72 | 0.9504 | 0.0057 | -0.1870 | 0.0121 | 0.2230 | -0.9626 | NMR | KMU | |
| 1017 | 2000/07/10,11:15 | 34.2 | 139.3 | 5 | 5.0 | 3.08e16 | 95.54 | near Niijima island | 348 | 67 | -28 | 89 | 65 | -154 | 0.4148 | 0.8598 | -0.1793 | 0.0250 | 0.2763 | -0.4398 | JIZ | FUJ | SGN |
| 1018 | 2000/07/10,11:25 | 34.2 | 139.3 | 5 | 4.0 | 1.06e15 | 67.32 | near Niijima island | 337 | 83 | -59 | 79 | 32 | -166 | 0.3604 | 0.4913 | 0.3340 | -0.1546 | 0.7435 | -0.2058 | JIZ | SGN | TTO |
| 1019 | 2000/07/10,12:38 | 34.2 | 139.3 | 5 | 3.6 | 3.34e14 | 90.37 | near Niijima island | 328 | 89 | 27 | 237 | 63 | 179 | 0.8179 | 0.3851 | -0.2822 | -0.7894 | -0.3563 | -0.0285 | JIZ | FUJ | SGN |
| 1020 | 2000/07/10,13:08 | 34.2 | 139.3 | 5 | 3.8 | 6.27e14 | 92.50 | near Niijima island | 341 | 70 | -47 | 91 | 46 | -152 | 0.4380 | 0.6854 | 0.0282 | 0.0404 | 0.5697 | -0.4784 | JIZ | FUJ | SGN |
| 1021 | 2000/07/10,15:08 | 34.2 | 139.3 | 5 | 3.7 | 3.99e14 | 84.05 | near Niijima island | 339 | 65 | -63 | 108 | 36 | -134 | 0.3555 | 0.5505 | 0.0432 | 0.3163 | 0.5957 | -0.6718 | JIZ | SGN | NAA |
| 1022 | 2000/07/10,15:26 | 34.2 | 139.3 | 8 | 3.8 | 5.41e14 | 85.01 | near Niijima island | 312 | 64 | -98 | 150 | 28 | -74 | 0.2713 | 0.5201 | 0.4672 | 0.4451 | 0.3712 | -0.7165 | JIZ | FUJ | SGN |
| 1023 | 2000/07/10,16:11 | 34.2 | 139.3 | 5 | 3.8 | 6.46e14 | 89.93 | near Niijima island | 158 | 76 | -65 | 275 | 29 | -150 | 0.2815 | 0.5114 | -0.2640 | 0.1076 | -0.7489 | -0.3891 | JIZ | SGN | TTO |
| 1024 | 2000/07/10,16:15 | 34.2 | 139.3 | 5 | 3.8 | 5.43e14 | 90.62 | near Niijima island | 149 | 63 | -39 | 258 | 56 | -147 | 0.7273 | 0.5153 | 0.1372 | -0.2476 | -0.5573 | -0.4797 | JIZ | FUJ | TTO |
| 1025 | 2000/07/10,16:28 | 34.1 | 139.3 | 5 | 4.6 | 7.64e15 | 95.19 | near Miyakejima island | 304 | 54 | -97 | 137 | 37 | -80 | 0.5499 | 0.4994 | 0.2808 | 0.3837 | 0.1036 | -0.9336 | JIZ | FUJ | SGN |
| 1026 | 2000/07/10,16:38 | 34.2 | 139.3 | 5 | 4.9 | 2.37e16 | 94.16 | near Niijima island | 154 | 80 | -74 | 275 | 19 | -148 | 0.2823 | 0.2996 | -0.3602 | 0.0459 | -0.8300 | -0.3282 | JIZ | FUJ | SGN |
| 1027 | 2000/07/10,16:49 | 34.2 | 139.3 | 5 | 4.5 | 7.34e15 | 93.14 | near Niijima island | 153 | 58 | -55 | 280 | 46 | -133 | 0.5368 | 0.6387 | 0.0733 | 0.1849 | -0.4126 | -0.7218 | JIZ | FUJ | SGN |
| 1028 | 2000/07/10,17:01 | 36.2 | 140.9 | 38 | 4.6 | 9.58e15 | 89.21 | E off Ibaraki pref | 347 | 69 | 73 | 208 | 27 | 128 | 0.0664 | 0.1092 | -0.2806 | -0.7172 | -0.6622 | 0.6508 | YMZ | ONS | SGN |
| 1029 | 2000/07/10,17:36 | 34.2 | 139.3 | 5 | 3.8 | 5.35e14 | 86.20 | near Niijima island | 337 | 73 | -58 | 92 | 36 | -151 | 0.4050 | 0.5718 | 0.1872 | 0.0478 | 0.6765 | -0.4528 | JIZ | FUJ | SGN |
| 1030 | 2000/07/10,18:21 | 34.2 | 139.4 | 5 | 4.2 | 2.08e15 | 92.84 | near Miyakejima island | 164 | 66 | -32 | 268 | 62 | -152 | 0.5542 | 0.8747 | 0.0483 | -0.0019 | -0.2072 | -0.5523 | JIZ | FUJ | SGN |
| 1031 | 2000/07/10,21:55 | 34.2 | 139.3 | 5 | 3.9 | 8.72e14 | 96.57 | near Niijima island | 330 | 82 | -23 | 64 | 67 | -171 | 0.8514 | 0.5263 | 0.1100 | -0.6601 | 0.3484 | -0.1913 | JIZ | FUJ | SGN |
| 1032 | 2000/07/11,00:03 | 34.2 | 139.3 | 5 | 3.5 | 2.27e14 | 76.23 | near Niijima island | 148 | 86 | -53 | 243 | 37 | -174 | 0.5860 | 0.2510 | -0.3148 | -0.4821 | -0.7438 | -0.1039 | JIZ | FUJ | TTO |
| 1033 | 2000/07/11,04:57 | 34.2 | 139.4 | 5 | 5.2 | 6.15e16 | 94.25 | near Miyakejima island | 335 | 74 | -56 | 87 | 38 | -153 | 0.4825 | 0.5540 | 0.2029 | -0.0530 | 0.6686 | -0.4295 | JIZ | FUJ | SGN |
| 1034 | 2000/07/11,05:11 | 34.1 | 139.4 | 5 | 4.9 | 2.13e16 | 93.97 | near Miyakejima island | 158 | 69 | -54 | 274 | 41 | -147 | 0.4358 | 0.6729 | -0.1248 | 0.0970 | -0.5564 | -0.5328 | JIZ | FUJ | SGN |
| 1035 | 2000/07/11,07:16 | 34.2 | 139.3 | 5 | 3.7 | 3.96e14 | 86.24 | near Niijima island | 294 | 50 | -107 | 139 | 43 | -71 | 0.6257 | 0.5279 | 0.2229 | 0.2964 | -0.0922 | -0.9221 | JIZ | SGN | TTO |
| 1036 | 2000/07/11,07:44 | 34.2 | 139.3 | 5 | 4.4 | 4.60e15 | 93.86 | near Niijima island | 305 | 73 | -129 | 195 | 42 | -26 | -0.2828 | 0.4351 | 0.5954 | 0.7257 | 0.2427 | -0.4429 | JIZ | FUJ | TTO |
| 1037 | 2000/07/11,08:43 | 34.2 | 139.3 | 5 | 4.6 | 9.02e15 | 96.40 | near Niijima island | 154 | 75 | -44 | 258 | 48 | -159 | 0.6351 | 0.6345 | -0.1938 | -0.2423 | -0.5267 | -0.3928 | JIZ | FUJ | SGN |
| 1038 | 2000/07/11,08:55 | 34.2 | 139.3 | 5 | 4.3 | 3.24e15 | 96.12 | near Niijima island | 334 | 78 | -63 | 86 | 29 | -155 | 0.4241 | 0.4069 | 0.2555 | -0.0588 | 0.7832 | -0.3653 | JIZ | FUJ | SGN |
| 1039 | 2000/07/11,09:00 | 34.2 | 139.2 | 5 | 3.8 | 6.41e14 | 89.21 | near Niijima island | 170 | 63 | -61 | 299 | 39 | -134 | 0.1150 | 0.5758 | 0.0672 | 0.5626 | -0.5264 | -0.6776 | JIZ | SGN | NAA |
| 1040 | 2000/07/11,09:18 | 34.2 | 139.3 | 5 | 3.8 | 5.59e14 | 78.45 | near Niijima island | 162 | 63 | -54 | 284 | 44 | -140 | 0.3405 | 0.6808 | 0.0341 | 0.2938 | -0.4934 | -0.6343 | JIZ | SGN | TTO |
| 1041 | 2000/07/11,09:24 | 34.2 | 139.2 | 5 | 4.1 | 1.41e15 | 80.75 | near Niijima island | 160 | 72 | -44 | 267 | 48 | -155 | 0.4825 | 0.6914 | -0.0413 | -0.0526 | -0.5573 | -0.4299 | JIZ | FUJ | SGN |
| 1042 | 2000/07/11,09:27 | 34.2 | 139.3 | 5 | 4.1 | 1.34e15 | 92.41 | near Niijima island | 150 | 65 | -47 | 264 | 49 | -146 | 0.6852 | 0.5961 | -0.0238 | -0.1193 | -0.4993 | -0.5659 | JIZ | FUJ | SGN |
| 1043 | 2000/07/11,09:32 | 34.2 | 139.3 | 5 | 4.2 | 2.29e15 | 83.30 | near Niijima island | 305 | 56 | -120 | 170 | 44 | -54 | 0.0954 | 0.6639 | 0.3169 | 0.6527 | 0.0301 | -0.7481 | JIZ | SGN | NAA |
| 1044 | 2000/07/11,09:44 | 34.2 | 139.3 | 8 | 4.7 | 1.43e16 | 93.08 | near Niijima island | 156 | 54 | -63 | 295 | 44 | -122 | 0.3969 | 0.5972 | 0.1160 | 0.4320 | -0.3331 | -0.8288 | JIZ | SGN | TTO |
| 1045 | 2000/07/11,09:52 | 34.2 | 139.2 | 5 | 3.8 | 5.07e14 | 81.89 | near Niijima island | 293 | 57 | -134 | 174 | 53 | -43 | 0.1157 | 0.6715 | 0.3846 | 0.5381 | -0.1983 | -0.6538 | JIZ | SGN | NAA |
| 1046 | 2000/07/11,10:00 | 34.2 | 139.2 | 14 | 4.4 | 3.93e15 | 92.70 | near Niijima island | 90 | 87 | -176 | 360 | 86 | -3 | -0.0067 | 0.9968 | -0.0773 | -0.0207 | 0.0515 | 0.0275 | JIZ | FUJ | SGN |
| 1047 | 2000/07/11,10:06 | 34.3 | 139.3 | 8 | 4.1 | 1.72e15 | 85.81 | near Niijima island | 136 | 87 | 172 | 226 | 82 | 3 | -0.9448 | -0.0300 | 0.0521 | 1.0241 | 0.1595 | -0.0792 | JIZ | FUJ | SGN |
| 1048 | 2000/07/11,10:19 | 34.2 | 139.3 | 5 | 4.1 | 1.64e15 | 91.52 | near Niijima island | 72 | 78 | -159 | 337 | 70 | -12 | 0.7500 | 0.6992 | -0.2384 | -0.4946 | 0.1984 | -0.2554 | JIZ | FUJ | SGN |
| 1049 | 2000/07/11,10:24 | 34.2 | 139.3 | 8 | 4.6 | 8.57e15 | 94.00 | near Niijima island | 311 | 60 | -85 | 121 | 31 | -99 | 0.5653 | 0.4730 | 0.3428 | 0.2658 | 0.3490 | -0.8311 | JIZ | FUJ | SGN |
| 1050 | 2000/07/11,10:33 | 34.2 | 139.3 | 5 | 3.9 | 7.32e14 | 93.50 | near Niijima island | 162 | 67 | -40 | 270 | 53 | -151 | 0.4587 | 0.6992 | 0.1451 | -0.0003 | -0.5293 | -0.4585 | JIZ | FUJ | SGN |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1051 | 2000/07/11,10:40 | 34.2 | 139.3 | 11 | 3.9 | 8.17e14 | 88.85 | near Niijima island | 348 | 82 | -9 | 79 | 81 | -172 | 0.5211 | 0.9082 | -0.0574 | -0.2467 | 0.1169 | -0.2744 | JIZ | FUJ | TTO |
| 1052 | 2000/07/11,10:50 | 34.2 | 139.2 | 5 | 3.8 | 6.47e14 | 87.42 | near Niijima island | 168 | 66 | -48 | 282 | 47 | -146 | 0.2444 | 0.7526 | 0.0415 | 0.3181 | -0.4703 | -0.5626 | JIZ | FUJ | SGN |
| 1053 | 2000/07/11,10:58 | 34.2 | 139.2 | 5 | 3.9 | 8.80e14 | 90.03 | near Niijima island | 345 | 64 | -29 | 89 | 64 | -151 | 0.4569 | 0.8151 | -0.2288 | -0.0110 | 0.3060 | -0.4460 | JIZ | FUJ | SGN |
| 1054 | 2000/07/11,11:02 | 34.2 | 139.3 | 5 | 4.1 | 1.51e15 | 82.22 | near Niijima island | 164 | 57 | -47 | 284 | 52 | -136 | 0.3572 | 0.6461 | 0.2953 | 0.3158 | -0.3984 | -0.6730 | JIZ | FUJ | SGN |
| 1055 | 2000/07/11,11:08 | 34.2 | 139.2 | 5 | 4.0 | 1.28e15 | 89.66 | near Niijima island | 146 | 72 | -45 | 253 | 47 | -155 | 0.7501 | 0.4506 | -0.1480 | -0.3294 | -0.5875 | -0.4206 | JIZ | FUJ | TTO |
| 1056 | 2000/07/11,11:13 | 34.2 | 139.2 | 5 | 4.1 | 1.47e15 | 91.69 | near Niijima island | 146 | 59 | -66 | 285 | 38 | -124 | 0.5721 | 0.5070 | -0.0649 | 0.2358 | -0.4724 | -0.8078 | JIZ | FUJ | SGN |
| 1057 | 2000/07/11,11:20 | 34.2 | 139.3 | 5 | 4.7 | 1.14e16 | 94.59 | near Niijima island | 165 | 68 | -38 | 271 | 55 | -153 | 0.4080 | 0.7889 | 0.0794 | 0.0644 | -0.4403 | -0.4724 | JIZ | FUJ | SGN |
| 1058 | 2000/07/11,11:27 | 34.2 | 139.2 | 5 | 4.2 | 1.98e15 | 91.52 | near Niijima island | 95 | 67 | -151 | 353 | 64 | -26 | 0.1914 | 0.8134 | -0.3757 | 0.1482 | 0.3293 | -0.3396 | JIZ | FUJ | SGN |
| 1059 | 2000/07/11,11:43 | 34.2 | 139.3 | 5 | 5.0 | 3.33e16 | 95.56 | near Niijima island | 341 | 66 | -47 | 95 | 49 | -146 | 0.4426 | 0.7077 | -0.0531 | 0.1150 | 0.4935 | -0.5576 | JIZ | FUJ | SGN |
| 1060 | 2000/07/11,11:51 | 34.3 | 139.3 | 5 | 4.5 | 6.93e15 | 91.01 | near Niijima island | 142 | 68 | -45 | 252 | 49 | -151 | 0.8190 | 0.3967 | -0.1123 | -0.3318 | -0.5671 | -0.4872 | JIZ | FUJ | SGN |
| 1061 | 2000/07/11,12:03 | 34.2 | 139.3 | 5 | 3.7 | 3.62e14 | 63.11 | near Niijima island | 89 | 68 | -149 | 346 | 62 | -25 | 0.3665 | 0.7783 | -0.3847 | -0.0370 | 0.3556 | -0.3294 | JIZ | FUJ | SGN |
| 1062 | 2000/07/11,12:09 | 34.2 | 139.2 | 5 | 3.8 | 5.78e14 | 70.86 | near Niijima island | 337 | 72 | -56 | 91 | 38 | -150 | 0.4678 | 0.5323 | 0.0846 | 0.0166 | 0.6945 | -0.4844 | JIZ | FUJ | SGN |
| 1063 | 2000/07/11,12:21 | 34.2 | 139.3 | 5 | 4.5 | 5.47e15 | 95.68 | near Niijima island | 294 | 56 | -128 | 168 | 49 | -48 | 0.2382 | 0.6448 | 0.3823 | 0.4895 | -0.1703 | -0.7276 | JIZ | FUJ | SGN |
| 1064 | 2000/07/11,12:34 | 34.2 | 139.2 | 5 | 4.0 | 1.10e15 | 92.18 | near Niijima island | 172 | 72 | -58 | 288 | 36 | -149 | 0.1720 | 0.5319 | 0.0869 | 0.3264 | -0.7220 | -0.4984 | JIZ | SGN | TTO |
| 1065 | 2000/07/11,12:43 | 34.2 | 139.2 | 11 | 3.8 | 5.97e14 | 91.91 | near Niijima island | 96 | 89 | 179 | 186 | 89 | 1 | -0.1428 | 0.9752 | 0.0257 | 0.2938 | 0.0296 | -0.1510 | JIZ | FUJ | SGN |
| 1066 | 2000/07/11,12:53 | 34.3 | 139.3 | 17 | 4.3 | 3.00e15 | 91.05 | near Niijima island | 134 | 84 | 170 | 225 | 80 | 6 | -1.0754 | 0.0268 | 0.0531 | 0.8904 | 0.1448 | 0.1849 | JIZ | FUJ | SGN |
| 1067 | 2000/07/11,13:04 | 34.3 | 139.3 | 17 | 4.0 | 1.24e15 | 72.63 | near Niijima island | 123 | 71 | 157 | 221 | 68 | 21 | -1.0327 | 0.2391 | 0.0871 | 0.7008 | 0.3402 | 0.3319 | FUJ | TTO | NAA |
| 1068 | 2000/07/11,13:10 | 34.2 | 139.3 | 5 | 5.2 | 6.57e16 | 96.02 | near Niijima island | 346 | 80 | -26 | 81 | 65 | -169 | 0.4597 | 0.8427 | 0.0247 | -0.2109 | 0.3828 | -0.2488 | JIZ | FUJ | SGN |
| 1069 | 2000/07/11,13:44 | 34.2 | 139.3 | 5 | 4.2 | 2.09e15 | 86.65 | near Niijima island | 295 | 51 | -121 | 159 | 48 | -57 | 0.3867 | 0.5552 | 0.3126 | 0.4560 | -0.2396 | -0.8426 | JIZ | SGN | TTO |
| 1070 | 2000/07/11,14:24 | 34.2 | 139.2 | 5 | 4.5 | 5.60e15 | 94.24 | near Niijima island | 321 | 71 | -56 | 77 | 38 | -148 | 0.7295 | 0.4147 | 0.3187 | -0.2285 | 0.5643 | -0.5010 | JIZ | FUJ | SGN |
| 1071 | 2000/07/11,14:42 | 34.2 | 139.3 | 5 | 4.6 | 7.83e15 | 95.72 | near Niijima island | 150 | 59 | -45 | 267 | 52 | -140 | 0.6964 | 0.5852 | 0.1218 | -0.0740 | -0.4528 | -0.6223 | JIZ | FUJ | SGN |
| 1072 | 2000/07/11,15:39 | 34.1 | 139.3 | 17 | 4.1 | 1.45e15 | 56.84 | near Miyakejima island | 166 | 83 | 169 | 257 | 79 | 8 | -0.4842 | -0.8727 | -0.0680 | 0.3878 | 0.1907 | 0.0964 | JIZ | FUJ | SGN |
| 1073 | 2000/07/11,16:26 | 34.3 | 139.3 | 5 | 4.1 | 1.40e15 | 81.90 | near Niijima island | 308 | 61 | -89 | 127 | 29 | -91 | 0.5430 | 0.3576 | 0.3989 | 0.3491 | 0.3246 | -0.8921 | JIZ | SGN | |
| 1074 | 2000/07/11,16:29 | 36.2 | 140.9 | 32 | 4.5 | 5.54e15 | 83.26 | E off Ibaraki pref | 343 | 62 | 67 | 205 | 36 | 126 | 0.0064 | 0.0873 | -0.3940 | -0.8214 | -0.4294 | 0.8150 | YMZ | ONS | SGN |
| 1075 | 2000/07/11,16:43 | 34.2 | 139.3 | 5 | 3.7 | 4.18e14 | 80.81 | near Niijima island | 178 | 64 | -34 | 284 | 60 | -150 | 0.0638 | 0.7983 | 0.2851 | 0.4115 | -0.3047 | -0.4753 | JIZ | FUJ | TTO |
| 1076 | 2000/07/11,17:45 | 34.2 | 139.3 | 5 | 3.7 | 4.53e14 | 69.70 | near Niijima island | 153 | 83 | -76 | 267 | 16 | -155 | 0.2649 | 0.2072 | -0.3875 | -0.0291 | -0.8640 | -0.2359 | JIZ | FUJ | SGN |
| 1077 | 2000/07/11,18:23 | 34.2 | 139.3 | 5 | 4.9 | 2.73e16 | 96.43 | near Niijima island | 328 | 70 | -28 | 68 | 64 | -158 | 0.9286 | 0.5334 | 0.0089 | -0.5069 | 0.3251 | -0.4217 | JIZ | FUJ | SGN |
| 1078 | 2000/07/11,18:57 | 34.2 | 139.3 | 5 | 4.1 | 1.76e15 | 96.01 | near Niijima island | 262 | 59 | -138 | 147 | 55 | -39 | 0.7627 | 0.5353 | 0.2596 | -0.1682 | -0.4012 | -0.5945 | JIZ | FUJ | SGN |
| 1079 | 2000/07/11,19:25 | 34.2 | 139.3 | 5 | 5.1 | 5.17e16 | 96.11 | near Niijima island | 346 | 81 | -36 | 83 | 55 | -169 | 0.3875 | 0.7777 | 0.0810 | -0.1547 | 0.5343 | -0.2328 | JIZ | FUJ | SGN |
| 1080 | 2000/07/11,22:49 | 34.2 | 139.3 | 8 | 3.7 | 3.55e14 | 70.28 | near Niijima island | 352 | 65 | -69 | 130 | 33 | -127 | 0.0045 | 0.4562 | -0.0190 | 0.6736 | 0.5873 | -0.6781 | JIZ | SGN | |
| 1081 | 2000/07/12,00:25 | 34.2 | 139.3 | 5 | 3.7 | 4.54e14 | 75.84 | near Niijima island | 126 | 67 | -135 | 14 | 49 | -31 | -0.2674 | 0.3999 | -0.6375 | 0.7584 | -0.0100 | -0.4910 | JIZ | FUJ | NAA |
| 1082 | 2000/07/12,00:43 | 34.2 | 139.2 | 5 | 3.8 | 4.93e14 | 91.79 | near Niijima island | 174 | 59 | -41 | 288 | 56 | -142 | 0.1319 | 0.6911 | 0.3615 | 0.4408 | -0.3466 | -0.5727 | JIZ | FUJ | SGN |
| 1083 | 2000/07/12,01:04 | 34.2 | 139.3 | 5 | 3.5 | 1.73e14 | 78.65 | near Niijima island | 318 | 64 | -60 | 85 | 39 | -136 | 0.7565 | 0.3938 | 0.2005 | -0.0798 | 0.5327 | -0.6767 | JIZ | FUJ | SGN |
| 1084 | 2000/07/12,02:01 | 34.2 | 139.2 | 5 | 3.8 | 4.81e14 | 70.40 | near Niijima island | 358 | 60 | -38 | 109 | 58 | -144 | 0.0557 | 0.7394 | -0.3143 | 0.4985 | 0.2855 | -0.5543 | JIZ | SGN | NAA |
| 1085 | 2000/07/12,02:23 | 34.2 | 139.2 | 8 | 3.3 | 1.01e14 | 58.14 | near Niijima island | 237 | 76 | -143 | 136 | 54 | -18 | 0.8509 | 0.1936 | 0.3106 | -0.6112 | -0.5497 | -0.2397 | JIZ | FUJ | |
| 1086 | 2000/07/12,02:48 | 34.2 | 139.2 | 5 | 4.0 | 1.02e15 | 92.05 | near Niijima island | 329 | 72 | -76 | 109 | 23 | -128 | 0.3439 | 0.3792 | 0.3492 | 0.2054 | 0.7163 | -0.5493 | JIZ | FUJ | SGN |
| 1087 | 2000/07/12,03:12 | 34.2 | 139.4 | 11 | 4.1 | 1.62e15 | 75.54 | near Miyakejima island | 80 | 80 | -167 | 348 | 78 | -10 | 0.3356 | 0.8857 | -0.1950 | -0.3655 | 0.2473 | 0.0299 | JIZ | SGN | TTO |
| 1088 | 2000/07/12,03:19 | 34.2 | 139.3 | 8 | 5.1 | 5.78e16 | 89.35 | near Niijima island | 82 | 88 | -177 | 352 | 87 | -2 | 0.4589 | 0.9613 | -0.0259 | -0.0854 | 0.0158 | -0.3734 | FUJ | SGN | NAA |
| 1089 | 2000/07/12,03:36 | 34.2 | 139.3 | 5 | 4.5 | 5.57e15 | 93.91 | near Niijima island | 322 | 62 | -62 | 92 | 39 | -132 | 0.6913 | 0.4968 | 0.1685 | 0.0092 | 0.4939 | -0.7005 | JIZ | FUJ | SGN |
| 1090 | 2000/07/12,04:18 | 34.2 | 139.3 | 17 | 4.0 | 9.81e14 | 80.13 | near Niijima island | 187 | 89 | 8 | 97 | 82 | 179 | -0.1576 | 0.9604 | 0.0336 | 0.3256 | 0.1458 | -0.1680 | JIZ | SGN | NAA |
| 1091 | 2000/07/12,04:27 | 34.2 | 139.3 | 11 | 4.2 | 2.60e15 | 91.03 | near Niijima island | 96 | 82 | -164 | 3 | 74 | -9 | -0.1001 | 0.9409 | -0.2704 | 0.1875 | 0.1126 | -0.0873 | JIZ | FUJ | SGN |
| 1092 | 2000/07/12,04:35 | 34.2 | 139.3 | 5 | 4.3 | 3.44e15 | 94.26 | near Niijima island | 348 | 76 | -41 | 90 | 50 | -161 | 0.3078 | 0.7566 | 0.0057 | 0.0365 | 0.5724 | -0.3443 | JIZ | FUJ | SGN |
| 1093 | 2000/07/12,04:40 | 34.2 | 139.3 | 5 | 3.9 | 8.08e14 | 88.32 | near Niijima island | 351 | 65 | -38 | 99 | 56 | -150 | 0.2410 | 0.8267 | -0.1429 | 0.2820 | 0.3491 | -0.5230 | FUJ | SGN | TTO |
| 1094 | 2000/07/12,04:46 | 34.2 | 139.3 | 5 | 3.8 | 6.26e14 | 92.54 | near Niijima island | 90 | 71 | -159 | 353 | 71 | -20 | 0.3117 | 0.9219 | -0.1845 | 0.0601 | 0.1912 | -0.3718 | FUJ | SGN | TTO |
| 1095 | 2000/07/12,04:50 | 34.2 | 139.3 | 5 | 4.0 | 1.12e15 | 88.46 | near Niijima island | 155 | 85 | -68 | 258 | 22 | -166 | 0.3303 | 0.2919 | -0.3433 | -0.1471 | -0.8487 | -0.1832 | FUJ | SGN | TTO |
| 1096 | 2000/07/12,05:08 | 34.2 | 139.4 | 5 | 4.8 | 1.67e16 | 92.53 | near Miyakejima island | 340 | 67 | -62 | 106 | 36 | -139 | 0.3277 | 0.5676 | 0.0714 | 0.2815 | 0.6277 | -0.6092 | JIZ | FUJ | SGN |
| 1097 | 2000/07/12,05:10 | 34.2 | 139.3 | 5 | 4.2 | 2.45e15 | 83.27 | near Niijima island | 158 | 79 | -63 | 268 | 29 | -157 | 0.3500 | 0.4473 | -0.2527 | -0.0263 | -0.7869 | -0.3237 | JIZ | SGN | TTO |
| 1098 | 2000/07/12,05:16 | 34.2 | 139.3 | 8 | 4.3 | 2.83e15 | 94.32 | near Niijima island | 352 | 79 | -20 | 86 | 71 | -169 | 0.3002 | 0.9237 | -0.0667 | -0.0629 | 0.2908 | -0.2373 | JIZ | FUJ | SGN |
| 1099 | 2000/07/12,05:26 | 34.2 | 139.3 | 5 | 4.0 | 1.18e15 | 83.68 | near Niijima island | 342 | 75 | -39 | 84 | 52 | -161 | 0.4785 | 0.7442 | 0.0654 | -0.1124 | 0.5226 | -0.3661 | JIZ | FUJ | SGN |
| 1100 | 2000/07/12,05:31 | 34.2 | 139.3 | 8 | 4.3 | 3.26e15 | 94.31 | near Niijima island | 357 | 81 | -20 | 90 | 71 | -171 | 0.1495 | 0.9449 | -0.0531 | 0.0780 | 0.2909 | -0.2275 | JIZ | FUJ | SGN |
| 1101 | 2000/07/12,05:37 | 34.2 | 139.3 | 5 | 4.2 | 2.08e15 | 95.56 | near Niijima island | 145 | 78 | -53 | 251 | 39 | -160 | 0.6575 | 0.3536 | -0.3068 | -0.3319 | -0.6728 | -0.3256 | JIZ | FUJ | SGN |
| 1102 | 2000/07/12,05:43 | 34.2 | 139.4 | 5 | 4.2 | 2.09e15 | 92.64 | near Miyakejima island | 149 | 57 | -53 | 275 | 48 | -133 | 0.6401 | 0.5646 | 0.1138 | 0.0910 | -0.4406 | -0.7311 | JIZ | FUJ | SGN |
| 1103 | 2000/07/12,05:49 | 34.2 | 139.3 | 5 | 4.6 | 8.70e15 | 95.72 | near Niijima island | 356 | 78 | -28 | 93 | 63 | -166 | 0.1358 | 0.8917 | -0.0745 | 0.1516 | 0.3935 | -0.2874 | JIZ | FUJ | SGN |
| 1104 | 2000/07/12,06:04 | 34.2 | 139.3 | 17 | 4.0 | 1.23e15 | 87.18 | near Niijima island | 9 | 83 | -20 | 102 | 70 | -172 | -0.2694 | 0.8669 | -0.1243 | 0.4395 | 0.3036 | -0.1701 | JIZ | FUJ | SGN |
| 1105 | 2000/07/12,06:10 | 34.2 | 139.3 | 5 | 4.6 | 9.68e15 | 93.73 | near Niijima island | 318 | 71 | -73 | 96 | 25 | -129 | 0.5369 | 0.3181 | 0.4265 | 0.0680 | 0.6220 | -0.6049 | JIZ | FUJ | SGN |
| 1106 | 2000/07/12,06:27 | 34.2 | 139.3 | 5 | 4.8 | 1.86e16 | 94.59 | near Niijima island | 357 | 76 | -38 | 97 | 53 | -163 | 0.0827 | 0.7964 | -0.0621 | 0.2482 | 0.5301 | -0.3309 | JIZ | FUJ | SGN |
| 1107 | 2000/07/12,06:37 | 34.2 | 139.3 | 5 | 5.1 | 4.87e16 | 95.25 | near Niijima island | 151 | 59 | -54 | 277 | 46 | -134 | 0.5880 | 0.5466 | 0.1031 | 0.1359 | -0.4994 | -0.7238 | JIZ | SGN | TTO |
| 1108 | 2000/07/12,06:50 | 34.2 | 139.3 | 5 | 4.0 | 1.26e15 | 80.93 | near Niijima island | 351 | 84 | -25 | 84 | 65 | -173 | 0.3564 | 0.9032 | 0.1582 | -0.0273 | 0.3569 | -0.3291 | JIZ | FUJ | SGN |
| 1109 | 2000/07/12,06:55 | 34.2 | 139.3 | 5 | 4.1 | 1.43e15 | 89.55 | near Niijima island | 344 | 68 | -45 | 94 | 49 | -150 | 0.3846 | 0.7147 | -0.0802 | 0.1140 | 0.5287 | -0.4987 | JIZ | FUJ | SGN |
| 1110 | 2000/07/12,07:03 | 34.2 | 139.3 | 5 | 4.7 | 1.27e16 | 90.20 | near Niijima island | 151 | 57 | -66 | 292 | 40 | -122 | 0.4762 | 0.5686 | -0.0006 | 0.3494 | -0.4110 | -0.8257 | JIZ | SGN | TTO |
| 1111 | 2000/07/12,07:43 | 34.2 | 139.3 | 5 | 4.0 | 1.04e15 | 88.06 | near Niijima island | 149 | 67 | -42 | 258 | 52 | -151 | 0.6953 | 0.4710 | 0.0648 | -0.2477 | -0.6411 | -0.4475 | JIZ | FUJ | SGN |
| 1112 | 2000/07/12,07:49 | 34.4 | 139.2 | 17 | 4.3 | 2.93e15 | 80.84 | near Niijima island | 192 | 81 | 21 | 98 | 69 | 171 | -0.3559 | 0.8658 | 0.0849 | 0.2758 | 0.3700 | 0.0801 | JIZ | SGN | |
| 1113 | 2000/07/12,08:07 | 34.2 | 139.3 | 5 | 4.1 | 1.78e15 | 94.03 | near Niijima island | 153 | 70 | -42 | 260 | 51 | -154 | 0.6377 | 0.5626 | 0.0329 | -0.2313 | -0.6101 | -0.4064 | JIZ | FUJ | SGN |
| 1114 | 2000/07/12,08:10 | 34.2 | 139.3 | 8 | 3.8 | 5.23e14 | 80.57 | near Niijima island | 155 | 69 | -59 | 277 | 37 | -143 | 0.4872 | 0.4664 | -0.0401 | 0.1069 | -0.6993 | -0.5941 | FUJ | SGN | TTO |
| 1115 | 2000/07/12,08:31 | 34.2 | 139.3 | 5 | 4.0 | 1.19e15 | 87.80 | near Niijima island | 159 | 67 | -50 | 273 | 45 | -147 | 0.4834 | 0.5508 | 0.1305 | 0.0553 | -0.6662 | -0.5387 | JIZ | FUJ | SGN |
| 1116 | 2000/07/12,08:43 | 34.2 | 139.3 | 5 | 4.3 | 3.47e15 | 93.22 | near Niijima island | 320 | 69 | -75 | 103 | 25 | -124 | 0.5015 | 0.3623 | 0.3987 | 0.1330 | 0.6103 | -0.6345 | JIZ | FUJ | SGN |
| 1117 | 2000/07/12,08:51 | 34.2 | 139.3 | 5 | 3.7 | 4.35e14 | 81.38 | near Niijima island | 176 | 73 | -26 | 275 | 65 | -161 | 0.1895 | 0.9341 | 0.0350 | 0.2803 | -0.2484 | -0.4698 | FUJ | SGN | NAA |
| 1118 | 2000/07/12,09:18 | 34.2 | 139.3 | 5 | 3.7 | 4.18e14 | 71.77 | near Niijima island | 99 | 76 | -147 | 0 | 58 | -16 | 0.0192 | 0.8305 | -0.4813 | 0.2662 | 0.0711 | -0.2854 | FUJ | SGN | NAA |
| 1119 | 2000/07/12,09:37 | 34.1 | 139.2 | 5 | 4.2 | 2.45e15 | 91.98 | near Niijima island | 155 | 72 | -46 | 263 | 46 | -155 | 0.5684 | 0.5894 | -0.0531 | -0.1474 | -0.6248 | -0.4211 | JIZ | FUJ | SGN |
| 1120 | 2000/07/12,09:58 | 34.2 | 139.3 | 5 | 4.3 | 3.73e15 | 93.52 | near Niijima island | 317 | 65 | -79 | 111 | 27 | -113 | 0.5211 | 0.3918 | 0.3846 | 0.2128 | 0.5182 | -0.7340 | JIZ | FUJ | SGN |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1121 | 2000/07/12,10:24 | 34.2 | 139.3 | 8 | 4.0 | 1.20e15 | 89.83 | near Niijima island | 3 | 79 | -16 | 96 | 75 | -169 | -0.0750 | 0.9398 | -0.1841 | 0.1936 | 0.2343 | -0.1186 | JIZ | FUJ | SGN |
| 1122 | 2000/07/12,10:45 | 34.2 | 139.3 | 5 | 3.8 | 5.68e14 | 77.61 | near Niijima island | 289 | 67 | -121 | 166 | 37 | -39 | 0.2646 | 0.5942 | 0.6144 | 0.3353 | 0.0523 | -0.5999 | FUJ | SGN | TTO |
| 1123 | 2000/07/12,10:59 | 34.2 | 139.3 | 5 | 3.9 | 7.75e14 | 94.34 | near Niijima island | 154 | 79 | -52 | 258 | 39 | -163 | 0.5183 | 0.5027 | -0.2313 | -0.2231 | -0.7019 | -0.2952 | FUJ | SGN | TTO |
| 1124 | 2000/07/12,11:10 | 34.2 | 139.3 | 5 | 4.2 | 2.49e15 | 93.26 | near Niijima island | 353 | 81 | -38 | 90 | 52 | -168 | 0.1906 | 0.8077 | 0.0674 | 0.0794 | 0.5542 | -0.2700 | JIZ | FUJ | SGN |
| 1125 | 2000/07/12,11:21 | 34.2 | 139.3 | 5 | 4.0 | 1.07e15 | 91.90 | near Niijima island | 162 | 63 | -48 | 278 | 49 | -143 | 0.4103 | 0.7022 | 0.1074 | 0.1894 | -0.4632 | -0.5997 | JIZ | FUJ | SGN |
| 1126 | 2000/07/12,11:28 | 34.2 | 139.3 | 5 | 3.6 | 3.31e14 | 87.90 | near Niijima island | 327 | 68 | -54 | 84 | 42 | -146 | 0.6704 | 0.4917 | 0.1433 | -0.1108 | 0.5913 | -0.5595 | FUJ | SGN | TTO |
| 1127 | 2000/07/12,11:39 | 34.2 | 139.3 | 5 | 4.3 | 3.00e15 | 92.08 | near Niijima island | 161 | 69 | -53 | 277 | 42 | -147 | 0.4089 | 0.5946 | 0.0336 | 0.1371 | -0.6378 | -0.5460 | JIZ | FUJ | SGN |
| 1128 | 2000/07/12,11:43 | 34.5 | 139.3 | 5 | 3.9 | 9.43e14 | 90.66 | near Niijima island | 171 | 70 | -30 | 272 | 62 | -158 | 0.3283 | 0.8926 | 0.0734 | 0.1281 | -0.3018 | -0.4565 | JIZ | FUJ | SGN |
| 1129 | 2000/07/12,12:14 | 34.2 | 139.3 | 5 | 4.0 | 1.06e15 | 90.70 | near Niijima island | 157 | 72 | -61 | 276 | 33 | -147 | 0.4546 | 0.4297 | -0.0877 | 0.0738 | -0.7559 | -0.5283 | FUJ | SGN | TTO |
| 1130 | 2000/07/12,12:34 | 34.2 | 139.3 | 5 | 4.7 | 1.08e16 | 92.44 | near Niijima island | 151 | 52 | -60 | 288 | 47 | -123 | 0.5282 | 0.5722 | 0.1576 | 0.3084 | -0.3305 | -0.8366 | JIZ | FUJ | SGN |
| 1131 | 2000/07/12,12:47 | 34.2 | 139.3 | 5 | 3.7 | 4.21e14 | 76.78 | near Niijima island | 330 | 70 | -72 | 107 | 27 | -130 | 0.4023 | 0.4153 | 0.2701 | 0.2112 | 0.6799 | -0.6135 | JIZ | SGN | TTO |
| 1132 | 2000/07/12,13:01 | 34.2 | 139.3 | 5 | 4.1 | 1.49e15 | 91.11 | near Niijima island | 159 | 72 | -64 | 280 | 32 | -144 | 0.3351 | 0.5117 | -0.1556 | 0.1774 | -0.7178 | -0.5126 | JIZ | SGN | TTO |
| 1133 | 2000/07/12,13:09 | 34.2 | 139.4 | 5 | 4.3 | 2.98e15 | 95.44 | near Miyakejima island | 160 | 72 | -50 | 271 | 43 | -153 | 0.4305 | 0.6405 | -0.0473 | 0.0282 | -0.6260 | -0.4587 | JIZ | FUJ | SGN |
| 1134 | 2000/07/12,13:15 | 34.2 | 139.3 | 5 | 3.7 | 4.02e14 | 62.21 | near Niijima island | 332 | 67 | -44 | 82 | 50 | -150 | 0.6728 | 0.5962 | 0.0022 | -0.1683 | 0.5292 | -0.5045 | JIZ | FUJ | SGN |
| 1135 | 2000/07/12,13:32 | 34.2 | 139.3 | 5 | 3.7 | 4.44e14 | 75.28 | near Niijima island | 147 | 68 | -72 | 286 | 28 | -127 | 0.4250 | 0.4876 | -0.3041 | 0.1993 | -0.6087 | -0.6243 | FUJ | SGN | TTO |
| 1136 | 2000/07/12,13:38 | 34.2 | 139.3 | 5 | 3.9 | 7.36e14 | 82.69 | near Niijima island | 323 | 63 | -78 | 119 | 29 | -111 | 0.4458 | 0.4682 | 0.2797 | 0.3284 | 0.5009 | -0.7742 | JIZ | FUJ | SGN |
| 1137 | 2000/07/12,14:00 | 34.1 | 139.3 | 5 | 4.4 | 4.52e15 | 93.31 | near Miyakejima island | 156 | 68 | -40 | 264 | 54 | -152 | 0.6282 | 0.7163 | -0.0095 | -0.1306 | -0.4273 | -0.4976 | JIZ | FUJ | SGN |
| 1138 | 2000/07/12,14:07 | 34.2 | 139.4 | 5 | 5.1 | 5.22e16 | 94.07 | near Miyakejima island | 144 | 51 | -64 | 286 | 46 | -119 | 0.6347 | 0.5415 | 0.1056 | 0.2338 | -0.3035 | -0.8686 | JIZ | FUJ | SGN |
| 1139 | 2000/07/12,14:31 | 34.1 | 139.3 | 11 | 3.9 | 9.02e14 | 90.58 | near Miyakejima island | 352 | 87 | 11 | 261 | 79 | 177 | 0.2967 | 0.9338 | -0.0972 | -0.2828 | -0.1876 | -0.0139 | JIZ | SGN | TTO |
| 1140 | 2000/07/12,14:44 | 34.2 | 139.3 | 5 | 4.1 | 1.65e15 | 88.24 | near Niijima island | 152 | 70 | -58 | 270 | 37 | -146 | 0.5443 | 0.4848 | -0.1355 | -0.0027 | -0.6685 | -0.5415 | JIZ | FUJ | SGN |
| 1141 | 2000/07/12,14:46 | 34.2 | 139.3 | 17 | 3.6 | 2.72e14 | 52.26 | near Niijima island | 72 | 81 | 157 | 166 | 67 | 10 | 0.3529 | 0.7944 | 0.3448 | -0.5877 | -0.0454 | 0.2347 | JIZ | FUJ | SGN |
| 1142 | 2000/07/12,15:05 | 34.2 | 139.4 | 5 | 4.2 | 1.92e15 | 94.11 | near Miyakejima island | 155 | 80 | -31 | 251 | 59 | -168 | 0.7267 | 0.6385 | -0.1509 | -0.4543 | -0.4316 | -0.2724 | JIZ | FUJ | SGN |
| 1143 | 2000/07/12,15:10 | 34.1 | 139.3 | 17 | 3.6 | 2.99e14 | 85.91 | near Miyakejima island | 189 | 87 | 14 | 99 | 76 | 177 | -0.3200 | 0.9230 | 0.0099 | 0.2835 | 0.2404 | 0.0365 | JIZ | SGN | |
| 1144 | 2000/07/12,15:24 | 34.2 | 139.3 | 5 | 4.3 | 3.21e15 | 91.44 | near Niijima island | 155 | 68 | -67 | 286 | 31 | -134 | 0.4248 | 0.4282 | -0.1197 | 0.2322 | -0.6872 | -0.6570 | JIZ | FUJ | SGN |
| 1145 | 2000/07/12,15:48 | 34.2 | 139.3 | 5 | 3.9 | 7.46e14 | 91.77 | near Niijima island | 348 | 80 | -19 | 82 | 72 | -170 | 0.4361 | 0.8935 | -0.0351 | -0.2023 | 0.2770 | -0.2338 | JIZ | FUJ | SGN |
| 1146 | 2000/07/12,16:16 | 34.2 | 139.3 | 5 | 3.7 | 3.41e14 | 78.54 | near Niijima island | 320 | 72 | -82 | 116 | 20 | -113 | 0.3612 | 0.3423 | 0.4861 | 0.2075 | 0.6298 | -0.5688 | FUJ | SGN | |
| 1147 | 2000/07/12,16:29 | 34.1 | 139.3 | 5 | 3.9 | 7.30e14 | 84.86 | near Miyakejima island | 159 | 75 | -57 | 270 | 36 | -155 | 0.4197 | 0.5153 | -0.1269 | -0.0114 | -0.7402 | -0.4083 | JIZ | FUJ | SGN |
| 1148 | 2000/07/12,16:33 | 34.2 | 139.2 | 5 | 4.0 | 1.11e15 | 91.32 | near Niijima island | 349 | 65 | -105 | 201 | 29 | -61 | -0.0607 | -0.0782 | 0.2199 | 0.7928 | 0.5950 | -0.7321 | JIZ | FUJ | SGN |
| 1149 | 2000/07/12,16:48 | 34.2 | 139.3 | 5 | 4.2 | 2.29e15 | 95.83 | near Niijima island | 151 | 70 | -51 | 264 | 43 | -150 | 0.6192 | 0.5406 | -0.1216 | -0.1225 | -0.6077 | -0.4967 | JIZ | FUJ | SGN |
| 1150 | 2000/07/12,16:55 | 34.2 | 139.3 | 5 | 4.3 | 2.81e15 | 93.13 | near Niijima island | 176 | 58 | -45 | 295 | 53 | -138 | 0.0648 | 0.6682 | 0.3029 | 0.5833 | -0.2956 | -0.6481 | JIZ | FUJ | SGN |
| 1151 | 2000/07/12,16:57 | 34.1 | 139.3 | 14 | 3.7 | 3.44e14 | 61.20 | near Miyakejima island | 285 | 84 | 171 | 16 | 81 | 6 | -0.3931 | 0.8394 | -0.1487 | 0.6031 | -0.2017 | -0.2100 | JIZ | FUJ | SGN |
| 1152 | 2000/07/12,17:04 | 34.2 | 139.3 | 5 | 4.1 | 1.82e15 | 92.09 | near Niijima island | 357 | 82 | -39 | 93 | 52 | -170 | 0.0911 | 0.7826 | -0.0531 | 0.0847 | 0.6032 | -0.1758 | JIZ | FUJ | SGN |
| 1153 | 2000/07/12,17:30 | 34.2 | 139.3 | 8 | 3.7 | 4.00e14 | 77.62 | near Niijima island | 312 | 63 | -86 | 124 | 27 | -97 | 0.4815 | 0.4895 | 0.4247 | 0.2611 | 0.4104 | -0.7426 | SGN | TTO | |
| 1154 | 2000/07/12,17:36 | 34.2 | 139.3 | 5 | 3.8 | 6.20e14 | 77.86 | near Niijima island | 273 | 60 | -127 | 150 | 46 | -43 | 0.6168 | 0.5485 | 0.4292 | 0.0685 | -0.2970 | -0.6853 | FUJ | SGN | TTO |
| 1155 | 2000/07/12,17:52 | 34.2 | 139.3 | 5 | 3.8 | 5.98e14 | 84.90 | near Niijima island | 166 | 76 | -29 | 263 | 62 | -164 | 0.4755 | 0.8394 | -0.0149 | -0.1330 | -0.3829 | -0.3425 | JIZ | FUJ | SGN |
| 1156 | 2000/07/12,18:12 | 34.2 | 139.3 | 5 | 3.7 | 4.50e14 | 84.89 | near Niijima island | 151 | 72 | -56 | 266 | 38 | -150 | 0.5637 | 0.4850 | -0.1827 | -0.0782 | -0.6732 | -0.4855 | FUJ | SGN | TTO |
| 1157 | 2000/07/12,18:31 | 34.2 | 139.3 | 5 | 4.2 | 2.44e15 | 92.62 | near Niijima island | 154 | 74 | -53 | 265 | 40 | -154 | 0.5091 | 0.5917 | -0.2130 | -0.0733 | -0.6241 | -0.4358 | JIZ | FUJ | SGN |
| 1158 | 2000/07/12,19:19 | 34.2 | 139.4 | 5 | 4.6 | 7.67e15 | 89.54 | near Miyakejima island | 319 | 67 | -78 | 111 | 26 | -116 | 0.4826 | 0.4029 | 0.3993 | 0.1994 | 0.5583 | -0.6821 | JIZ | FUJ | SGN |
| 1159 | 2000/07/12,19:25 | 34.2 | 139.3 | 5 | 5.3 | 9.92e16 | 86.28 | near Niijima island | 154 | 52 | -54 | 284 | 50 | -127 | 0.5258 | 0.7175 | 0.1427 | 0.2206 | -0.2431 | -0.7463 | FUJ | SGN | NAA |
| 1160 | 2000/07/12,19:37 | 34.2 | 139.3 | 11 | 3.9 | 8.46e14 | 56.15 | near Niijima island | 4 | 73 | 28 | 265 | 64 | 161 | -0.1323 | 0.8608 | -0.2182 | -0.1476 | -0.3926 | 0.2799 | JIZ | SGN | |
| 1161 | 2000/07/12,20:34 | 34.2 | 139.3 | 5 | 3.9 | 7.78e14 | 89.72 | near Niijima island | 252 | 87 | -176 | 161 | 86 | -3 | 0.6936 | 0.7943 | 0.0505 | -0.5120 | -0.0462 | -0.1817 | JIZ | FUJ | SGN |
| 1162 | 2000/07/12,20:40 | 34.2 | 139.3 | 5 | 4.4 | 4.26e15 | 93.20 | near Niijima island | 326 | 70 | -69 | 98 | 29 | -134 | 0.4941 | 0.4265 | 0.3158 | 0.0987 | 0.6458 | -0.5928 | JIZ | FUJ | SGN |
| 1163 | 2000/07/12,20:49 | 34.1 | 139.3 | 5 | 3.8 | 4.80e14 | 72.75 | near Miyakejima island | 151 | 70 | -58 | 270 | 37 | -146 | 0.5451 | 0.4982 | -0.1472 | 0.0002 | -0.6570 | -0.5453 | JIZ | FUJ | SGN |
| 1164 | 2000/07/12,21:20 | 34.2 | 139.3 | 5 | 4.6 | 8.33e15 | 93.87 | near Niijima island | 333 | 72 | -67 | 100 | 29 | -139 | 0.4023 | 0.4604 | 0.2448 | 0.1401 | 0.7013 | -0.5424 | JIZ | FUJ | SGN |
| 1165 | 2000/07/12,21:27 | 34.2 | 139.3 | 5 | 4.3 | 3.21e15 | 92.87 | near Niijima island | 159 | 68 | -51 | 274 | 44 | -148 | 0.4434 | 0.6688 | -0.0379 | 0.0923 | -0.5582 | -0.5357 | JIZ | FUJ | SGN |
| 1166 | 2000/07/12,21:47 | 34.2 | 139.3 | 5 | 4.3 | 2.84e15 | 93.18 | near Niijima island | 164 | 73 | -38 | 267 | 54 | -159 | 0.4308 | 0.8079 | -0.0662 | -0.0044 | -0.4481 | -0.4264 | JIZ | FUJ | SGN |
| 1167 | 2000/07/12,22:31 | 34.2 | 139.3 | 5 | 3.9 | 6.68e14 | 86.49 | near Niijima island | 316 | 72 | -79 | 104 | 21 | -120 | 0.4590 | 0.3293 | 0.5116 | 0.1101 | 0.5993 | -0.5691 | FUJ | SGN | TTO |
| 1168 | 2000/07/12,22:47 | 34.2 | 139.3 | 5 | 4.1 | 1.70e15 | 90.86 | near Niijima island | 154 | 70 | -46 | 263 | 48 | -152 | 0.6022 | 0.5674 | 0.0025 | -0.1486 | -0.6244 | -0.4536 | JIZ | FUJ | SGN |
| 1169 | 2000/07/12,23:10 | 34.2 | 139.3 | 5 | 3.7 | 4.15e14 | 67.81 | near Niijima island | 151 | 67 | -71 | 290 | 30 | -127 | 0.3803 | 0.5135 | -0.2268 | 0.2742 | -0.6049 | -0.6545 | FUJ | SGN | NAA |
| 1170 | 2000/07/12,23:36 | 34.2 | 139.2 | 5 | 4.0 | 1.02e15 | 84.76 | near Niijima island | 111 | 67 | -148 | 8 | 61 | -26 | -0.1805 | 0.7475 | -0.3636 | 0.6256 | 0.1009 | -0.4451 | SGN | NAA | |
| 1171 | 2000/07/12,23:44 | 34.5 | 139.2 | 5 | 4.3 | 2.96e15 | 93.22 | near Niijima island | 17 | 78 | -15 | 110 | 75 | -168 | -0.4624 | 0.7589 | -0.1865 | 0.7125 | 0.1420 | -0.2501 | FUJ | SGN | TTO |
| 1172 | 2000/07/12,23:52 | 34.2 | 139.3 | 5 | 4.3 | 2.93e15 | 94.18 | near Niijima island | 355 | 64 | -30 | 99 | 63 | -151 | 0.1684 | 0.8397 | -0.2745 | 0.2805 | 0.2752 | -0.4489 | JIZ | FUJ | SGN |
| 1173 | 2000/07/13,01:18 | 34.2 | 139.3 | 5 | 3.8 | 6.07e14 | 85.17 | near Niijima island | 147 | 84 | -69 | 253 | 22 | -163 | 0.4116 | 0.2054 | -0.4304 | -0.1914 | -0.8058 | -0.2201 | FUJ | SGN | TTO |
| 1174 | 2000/07/13,02:50 | 34.2 | 139.3 | 5 | 3.5 | 1.82e14 | 70.86 | near Niijima island | 151 | 70 | -51 | 264 | 43 | -150 | 0.6122 | 0.4262 | 0.0031 | -0.1210 | -0.7356 | -0.4912 | FUJ | SGN | TTO |
| 1175 | 2000/07/13,04:46 | 34.2 | 139.3 | 8 | 4.2 | 2.13e15 | 90.58 | near Niijima island | 1 | 78 | -14 | 94 | 77 | -168 | -0.0027 | 0.9560 | -0.1767 | 0.1484 | 0.1992 | -0.1457 | JIZ | FUJ | SGN |
| 1176 | 2000/07/13,05:39 | 34.2 | 139.3 | 5 | 3.8 | 4.93e14 | 91.74 | near Niijima island | 149 | 80 | -45 | 249 | 46 | -166 | 0.6843 | 0.4152 | -0.2156 | -0.4499 | -0.6463 | -0.2344 | FUJ | SGN | TTO |
| 1177 | 2000/07/13,06:17 | 34.2 | 139.3 | 11 | 4.3 | 3.10e15 | 87.49 | near Niijima island | 357 | 87 | -20 | 89 | 70 | -177 | 0.1038 | 0.9390 | -0.0038 | -0.0142 | 0.3370 | -0.0896 | JIZ | FUJ | SGN |
| 1178 | 2000/07/13,06:46 | 34.2 | 139.3 | 5 | 3.8 | 5.82e14 | 93.22 | near Niijima island | 154 | 80 | -45 | 253 | 46 | -167 | 0.5993 | 0.4947 | -0.1533 | -0.3828 | -0.6764 | -0.2165 | FUJ | SGN | TTO |
| 1179 | 2000/07/13,07:17 | 34.2 | 139.2 | 5 | 4.2 | 2.54e15 | 87.60 | near Niijima island | 3 | 67 | -41 | 112 | 53 | -150 | -0.0860 | 0.6918 | -0.2621 | 0.5789 | 0.4057 | -0.4929 | JIZ | FUJ | SGN |
| 1180 | 2000/07/13,07:49 | 34.2 | 139.2 | 5 | 4.1 | 1.80e15 | 71.99 | near Niijima island | 319 | 73 | -77 | 100 | 21 | -126 | 0.4291 | 0.3492 | 0.5066 | 0.0754 | 0.6346 | -0.5045 | JIZ | FUJ | SGN |
| 1181 | 2000/07/13,09:00 | 34.2 | 139.2 | 14 | 4.0 | 1.14e15 | 87.93 | near Niijima island | 2 | 87 | -10 | 93 | 80 | -177 | -0.0791 | 0.9763 | -0.0629 | 0.1089 | 0.1650 | -0.0298 | JIZ | FUJ | SGN |
| 1182 | 2000/07/13,11:03 | 34.2 | 139.4 | 5 | 4.4 | 4.83e15 | 93.74 | near Miyakejima island | 310 | 62 | -92 | 133 | 28 | -87 | 0.4536 | 0.4568 | 0.4425 | 0.3371 | 0.3534 | -0.7907 | JIZ | FUJ | SGN |
| 1183 | 2000/07/13,14:03 | 34.2 | 139.2 | 5 | 3.9 | 6.99e14 | 95.33 | near Niijima island | 165 | 76 | -24 | 261 | 67 | -164 | 0.5424 | 0.8607 | 0.0053 | -0.1625 | -0.2871 | -0.3799 | JIZ | FUJ | SGN |
| 1184 | 2000/07/13,15:01 | 34.3 | 139.3 | 17 | 4.0 | 1.01e15 | 71.35 | near Niijima island | 123 | 72 | 151 | 222 | 63 | 20 | -0.9563 | 0.2194 | 0.1890 | 0.6738 | 0.4315 | 0.2825 | JIZ | FUJ | TTO |
| 1185 | 2000/07/13,15:11 | 34.3 | 139.3 | 17 | 3.7 | 3.39e14 | 81.01 | near Niijima island | 124 | 76 | 153 | 221 | 64 | 16 | -0.9256 | 0.2183 | 0.1962 | 0.7413 | 0.4404 | 0.1843 | JIZ | FUJ | |
| 1186 | 2000/07/13,15:42 | 34.2 | 139.3 | 5 | 4.0 | 1.01e15 | 93.79 | near Niijima island | 324 | 65 | -59 | 89 | 39 | -138 | 0.6740 | 0.5136 | 0.1764 | -0.0278 | 0.5261 | -0.6462 | JIZ | FUJ | SGN |
| 1187 | 2000/07/13,17:59 | 42.7 | 145.2 | 20 | 4.3 | 3.03e15 | 76.95 | off Nemuro peninsula | 248 | 66 | -102 | 95 | 27 | -65 | 0.7544 | -0.1104 | 0.5627 | -0.0091 | -0.3332 | -0.7453 | NMR | URH | HSS |
| 1188 | 2000/07/13,18:55 | 34.2 | 139.3 | 5 | 5.1 | 5.05e16 | 94.77 | near Niijima island | 147 | 52 | -56 | 279 | 50 | -126 | 0.6571 | 0.5597 | 0.1733 | 0.1388 | -0.3415 | -0.7960 | JIZ | FUJ | SGN |
| 1189 | 2000/07/13,20:54 | 34.2 | 139.3 | 8 | 3.5 | 2.01e14 | 87.81 | near Niijima island | 146 | 78 | -28 | 242 | 62 | -166 | 0.8086 | 0.3766 | -0.0339 | -0.7014 | -0.5459 | -0.1071 | JIZ | FUJ | |
| 1190 | 2000/07/13,21:00 | 34.2 | 139.3 | 5 | 3.8 | 5.39e14 | 94.05 | near Niijima island | 354 | 73 | -36 | 96 | 56 | -160 | 0.1544 | 0.7927 | -0.1806 | 0.1731 | 0.5090 | -0.3275 | JIZ | FUJ | SGN |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1191 | 2000/07/13,21:34 | 34.2 | 139.3 | 5 | 3.6 | 3.16e14 | 92.89 | near Niijima island | 151 | 81 | -50 | 252 | 41 | -166 | 0.5984 | 0.4287 | -0.2414 | -0.3620 | -0.6995 | -0.2364 | JIZ | FUJ | SGN |
| 1192 | 2000/07/13,22:27 | 34.4 | 139.3 | 5 | 4.2 | 2.44e15 | 94.74 | near Niijima island | 105 | 75 | -164 | 11 | 75 | -15 | -0.2838 | 0.8560 | -0.2175 | 0.5514 | 0.1253 | -0.2676 | JIZ | SGN | TTO |
| 1193 | 2000/07/14,00:49 | 34.2 | 139.3 | 5 | 4.1 | 1.78e15 | 76.55 | near Niijima island | 305 | 57 | -101 | 145 | 34 | -73 | 0.4529 | 0.4405 | 0.4040 | 0.4586 | 0.1396 | -0.9115 | JIZ | SGN | TTO |
| 1194 | 2000/07/14,03:22 | 34.4 | 139.3 | 5 | 4.0 | 1.26e15 | 83.68 | near Niijima island | 320 | 55 | -111 | 174 | 40 | -63 | 0.0700 | 0.3895 | 0.3641 | 0.8051 | 0.1090 | -0.8751 | JIZ | FUJ | NAA |
| 1195 | 2000/07/14,03:59 | 34.4 | 139.2 | 5 | 3.8 | 5.42e14 | 85.41 | near Niijima island | 112 | 78 | -161 | 18 | 72 | -13 | -0.5383 | 0.7075 | -0.3506 | 0.6605 | 0.0756 | -0.1222 | JIZ | FUJ | SGN |
| 1196 | 2000/07/14,06:03 | 34.4 | 139.2 | 5 | 4.0 | 1.06e15 | 92.22 | near Niijima island | 28 | 81 | -27 | 122 | 63 | -170 | -0.6830 | 0.4348 | -0.2918 | 0.8573 | 0.3201 | -0.1742 | JIZ | FUJ | SGN |
| 1197 | 2000/07/14,06:19 | 34.2 | 139.3 | 5 | 3.9 | 6.92e14 | 84.72 | near Niijima island | 280 | 60 | -124 | 153 | 44 | -47 | 0.5562 | 0.5947 | 0.4325 | 0.1649 | -0.1841 | -0.7211 | FUJ | SGN | TTO |
| 1198 | 2000/07/14,07:38 | 34.4 | 139.2 | 8 | 3.6 | 2.40e14 | 83.18 | near Niijima island | 190 | 90 | -15 | 280 | 75 | -180 | -0.3178 | 0.9030 | 0.0356 | 0.3661 | -0.2632 | -0.0483 | JIZ | SGN | TTO |
| 1199 | 2000/07/14,10:19 | 34.2 | 139.3 | 5 | 5.4 | 1.24e17 | 90.40 | near Niijima island | 346 | 68 | -45 | 97 | 49 | -150 | 0.3228 | 0.7437 | -0.0562 | 0.1920 | 0.4985 | -0.5149 | FUJ | SGN | ONS |
| 1200 | 2000/07/14,11:32 | 34.2 | 139.3 | 5 | 4.1 | 1.60e15 | 93.88 | near Niijima island | 337 | 76 | -63 | 93 | 31 | -151 | 0.3812 | 0.4630 | 0.2027 | 0.0405 | 0.7621 | -0.4217 | JIZ | FUJ | SGN |
| 1201 | 2000/07/14,11:45 | 34.2 | 139.2 | 8 | 3.7 | 3.47e14 | 85.84 | near Niijima island | 177 | 79 | 16 | 84 | 74 | 169 | 0.1252 | 0.9247 | 0.2359 | -0.1422 | 0.2799 | 0.0170 | JIZ | FUJ | SGN |
| 1202 | 2000/07/14,14:33 | 34.1 | 139.3 | 11 | 4.2 | 2.01e15 | 93.31 | near Miyakejima island | 18 | 88 | -15 | 109 | 75 | -178 | -0.5364 | 0.7692 | -0.0748 | 0.6350 | 0.2356 | -0.0986 | JIZ | FUJ | SGN |
| 1203 | 2000/07/14,14:40 | 33.3 | 140.9 | 50 | 4.7 | 1.39e16 | 93.09 | E off Hachijojima island | 57 | 66 | 138 | 168 | 52 | 32 | 0.2783 | 0.6027 | 0.3825 | -0.8307 | -0.0784 | 0.5524 | JIZ | SGN | FUJ |
| 1204 | 2000/07/14,15:34 | 34.2 | 139.3 | 8 | 3.6 | 3.11e14 | 88.45 | near Niijima island | 3 | 84 | -28 | 96 | 62 | -173 | -0.0823 | 0.8686 | -0.1161 | 0.1855 | 0.4538 | -0.1032 | JIZ | FUJ | SGN |
| 1205 | 2000/07/14,17:15 | 34.2 | 139.3 | 5 | 4.0 | 1.01e15 | 93.26 | near Niijima island | 341 | 61 | -53 | 104 | 46 | -137 | 0.3866 | 0.6593 | -0.1097 | 0.2912 | 0.4633 | -0.6779 | JIZ | FUJ | SGN |
| 1206 | 2000/07/14,17:23 | 34.5 | 139.2 | 5 | 3.9 | 7.10e14 | 82.38 | near Niijima island | 115 | 77 | -161 | 20 | 71 | -13 | -0.4596 | 0.6909 | -0.1990 | 0.8763 | -0.0462 | -0.4166 | FUJ | TTO | NAA |
| 1207 | 2000/07/14,17:39 | 34.4 | 139.2 | 5 | 3.8 | 4.79e14 | 94.27 | near Niijima island | 19 | 77 | -20 | 113 | 70 | -166 | -0.4993 | 0.6857 | -0.2145 | 0.7669 | 0.2125 | -0.2676 | JIZ | FUJ | SGN |
| 1208 | 2000/07/14,17:54 | 34.2 | 139.3 | 5 | 4.0 | 9.86e14 | 94.89 | near Niijima island | 154 | 82 | -54 | 254 | 36 | -167 | 0.5006 | 0.4302 | -0.2648 | -0.2853 | -0.7459 | -0.2153 | JIZ | FUJ | SGN |
| 1209 | 2000/07/14,18:28 | 34.2 | 139.3 | 5 | 5.5 | 1.68e17 | 90.50 | near Niijima island | 151 | 59 | -62 | 285 | 41 | -127 | 0.5278 | 0.5533 | 0.0064 | 0.2583 | -0.4659 | -0.7861 | SGN | TTO | ONS |
| 1210 | 2000/07/14,19:23 | 34.2 | 139.3 | 5 | 4.6 | 9.63e15 | 93.72 | near Niijima island | 285 | 51 | -120 | 148 | 48 | -58 | 0.5852 | 0.5707 | 0.2441 | 0.2509 | -0.2494 | -0.8361 | JIZ | FUJ | SGN |
| 1211 | 2000/07/14,19:27 | 34.2 | 139.3 | 8 | 4.0 | 9.58e14 | 68.00 | near Niijima island | 155 | 79 | -71 | 275 | 22 | -148 | 0.3342 | 0.3265 | -0.2905 | 0.0476 | -0.8243 | -0.3818 | JIZ | TTO | |
| 1212 | 2000/07/14,19:41 | 34.2 | 139.3 | 8 | 3.9 | 7.25e14 | 82.22 | near Niijima island | 181 | 88 | 6 | 91 | 84 | 178 | 0.1252 | 0.9921 | 0.0792 | 0.1767 | 0.1142 | -0.3019 | JIZ | FUJ | SGN |
| 1213 | 2000/07/14,19:50 | 34.2 | 139.3 | 5 | 4.8 | 1.62e16 | 91.14 | near Niijima island | 154 | 57 | -60 | 288 | 43 | -128 | 0.4761 | 0.5819 | 0.0856 | 0.3117 | -0.4294 | -0.7877 | JIZ | SGN | ONS |
| 1214 | 2000/07/14,20:07 | 34.2 | 139.3 | 5 | 4.1 | 1.67e15 | 89.10 | near Niijima island | 327 | 65 | -68 | 102 | 33 | -130 | 0.5212 | 0.4624 | 0.1980 | 0.1770 | 0.5911 | -0.6982 | JIZ | SGN | TTO |
| 1215 | 2000/07/14,20:14 | 34.2 | 139.3 | 5 | 4.0 | 1.15e15 | 78.03 | near Niijima island | 167 | 76 | -51 | 274 | 41 | -159 | 0.2242 | 0.7007 | -0.1399 | 0.1472 | -0.6413 | -0.3714 | JIZ | SGN | TTO |
| 1216 | 2000/07/14,20:17 | 34.2 | 139.3 | 5 | 4.3 | 3.10e15 | 83.66 | near Niijima island | 298 | 90 | -156 | 208 | 66 | -0 | -0.7044 | 0.5171 | 0.3261 | 0.8004 | 0.2488 | -0.0960 | JIZ | FUJ | SGN |
| 1217 | 2000/07/14,20:18 | 34.4 | 139.2 | 5 | 4.2 | 2.34e15 | 84.40 | near Niijima island | 29 | 86 | -25 | 120 | 66 | -176 | -0.8103 | 0.4826 | -0.3520 | 0.7167 | 0.2940 | 0.0936 | JIZ | FUJ | SGN |
| 1218 | 2000/07/14,20:28 | 34.2 | 139.3 | 5 | 4.4 | 4.10e15 | 91.72 | near Niijima island | 355 | 75 | -39 | 97 | 52 | -161 | 0.1090 | 0.8183 | 0.0144 | 0.2879 | 0.4993 | -0.3969 | JIZ | FUJ | SGN |
| 1219 | 2000/07/14,20:31 | 34.2 | 139.3 | 5 | 4.1 | 1.59e15 | 88.37 | near Niijima island | 318 | 63 | -85 | 127 | 28 | -100 | 0.4389 | 0.4141 | 0.3533 | 0.3747 | 0.4590 | -0.8136 | JIZ | FUJ | SGN |
| 1220 | 2000/07/14,20:38 | 34.2 | 139.3 | 5 | 3.8 | 6.28e14 | 70.79 | near Niijima island | 321 | 77 | -70 | 82 | 23 | -146 | 0.4954 | 0.2313 | 0.4666 | -0.0719 | 0.7190 | -0.4236 | JIZ | FUJ | TTO |
| 1221 | 2000/07/14,20:45 | 34.2 | 139.3 | 5 | 4.0 | 1.09e15 | 90.54 | near Niijima island | 344 | 60 | -53 | 107 | 46 | -137 | 0.3091 | 0.6687 | -0.1350 | 0.3670 | 0.4352 | -0.6761 | JIZ | SGN | NAA |
| 1222 | 2000/07/14,20:50 | 34.3 | 139.2 | 8 | 4.2 | 2.23e15 | 94.61 | near Niijima island | 88 | 90 | -173 | 358 | 83 | -0 | 0.0518 | 0.9882 | -0.1236 | -0.0748 | 0.0161 | 0.0230 | JIZ | SGN | TTO |
| 1223 | 2000/07/14,20:56 | 34.2 | 139.3 | 5 | 3.7 | 3.90e14 | 79.12 | near Niijima island | 330 | 60 | -74 | 119 | 34 | -116 | 0.4235 | 0.4945 | 0.1175 | 0.4098 | 0.4716 | -0.8333 | JIZ | SGN | |
| 1224 | 2000/07/14,21:05 | 34.0 | 139.3 | 5 | 4.4 | 4.54e15 | 87.70 | near Miyakejima island | 158 | 48 | -77 | 319 | 44 | -104 | 0.2664 | 0.4295 | 0.1146 | 0.7202 | -0.1478 | -0.9866 | JIZ | SGN | ONS |
| 1225 | 2000/07/14,21:25 | 34.2 | 139.3 | 5 | 4.4 | 5.15e15 | 91.33 | near Niijima island | 161 | 75 | -56 | 273 | 37 | -153 | 0.3523 | 0.5879 | -0.1407 | 0.0698 | -0.6974 | -0.4221 | JIZ | FUJ | SGN |
| 1226 | 2000/07/14,21:27 | 34.2 | 139.3 | 5 | 4.6 | 7.97e15 | 93.31 | near Niijima island | 309 | 63 | -95 | 140 | 27 | -80 | 0.3922 | 0.4546 | 0.4810 | 0.3733 | 0.3535 | -0.7656 | JIZ | FUJ | SGN |
| 1227 | 2000/07/14,22:26 | 34.1 | 139.3 | 5 | 3.7 | 4.29e14 | 66.66 | near Miyakejima island | 159 | 66 | -51 | 276 | 45 | -145 | 0.4393 | 0.6813 | -0.0133 | 0.1402 | -0.5228 | -0.5796 | JIZ | SGN | TTO |
| 1228 | 2000/07/14,22:38 | 34.2 | 139.3 | 5 | 4.4 | 4.46e15 | 94.24 | near Niijima island | 166 | 66 | -35 | 272 | 58 | -151 | 0.4381 | 0.8599 | 0.0627 | 0.0936 | -0.2957 | -0.5317 | JIZ | FUJ | SGN |
| 1229 | 2000/07/14,22:56 | 34.2 | 139.3 | 5 | 3.9 | 7.38e14 | 91.78 | near Niijima island | 160 | 72 | -42 | 265 | 51 | -157 | 0.5099 | 0.7316 | -0.0694 | -0.0814 | -0.5066 | -0.4286 | JIZ | FUJ | SGN |
| 1230 | 2000/07/14,23:03 | 34.2 | 139.3 | 5 | 4.6 | 9.39e15 | 94.83 | near Niijima island | 155 | 63 | -41 | 266 | 54 | -146 | 0.6383 | 0.6616 | 0.1033 | -0.0992 | -0.4494 | -0.5391 | JIZ | FUJ | SGN |
| 1231 | 2000/07/14,23:19 | 34.1 | 139.3 | 5 | 4.1 | 1.43e15 | 82.70 | near Miyakejima island | 158 | 64 | -51 | 276 | 45 | -142 | 0.4810 | 0.6051 | 0.0814 | 0.1308 | -0.5681 | -0.6117 | JIZ | FUJ | SGN |
| 1232 | 2000/07/14,23:39 | 33.9 | 139.3 | 5 | 4.1 | 1.70e15 | 91.31 | near Miyakejima island | 137 | 79 | -147 | 40 | 58 | -13 | -0.7185 | 0.0542 | -0.4572 | 0.9356 | -0.2607 | -0.2171 | FUJ | SGN | NAA |
| 1233 | 2000/07/15,00:11 | 34.2 | 139.3 | 14 | 4.0 | 1.20e15 | 88.24 | near Niijima island | 5 | 88 | -9 | 95 | 81 | -178 | -0.1072 | 0.9712 | -0.0144 | 0.2190 | 0.1465 | -0.1119 | JIZ | SGN | NAA |
| 1234 | 2000/07/15,00:31 | 34.1 | 139.3 | 8 | 3.6 | 3.20e14 | 61.68 | near Miyakejima island | 13 | 90 | 7 | 283 | 83 | 180 | -0.2941 | 0.8848 | -0.0312 | 0.6114 | -0.1327 | -0.3173 | JIZ | SGN | TTO |
| 1235 | 2000/07/15,00:34 | 34.2 | 139.3 | 5 | 3.6 | 3.17e14 | 71.71 | near Niijima island | 155 | 81 | -34 | 251 | 57 | -169 | 0.6303 | 0.5696 | -0.0286 | -0.5222 | -0.5876 | -0.1081 | JIZ | FUJ | SGN |
| 1236 | 2000/07/15,00:47 | 34.2 | 139.3 | 8 | 3.6 | 3.05e14 | 89.50 | near Niijima island | 360 | 85 | -8 | 91 | 82 | -175 | 0.0691 | 0.9888 | -0.0542 | 0.0918 | 0.1272 | -0.1609 | FUJ | SGN | TTO |
| 1237 | 2000/07/15,01:05 | 34.2 | 139.4 | 5 | 4.4 | 4.77e15 | 93.50 | near Miyakejima island | 330 | 69 | -62 | 95 | 34 | -140 | 0.4995 | 0.5429 | 0.2352 | 0.0714 | 0.6074 | -0.5709 | JIZ | FUJ | SGN |
| 1238 | 2000/07/15,01:11 | 34.4 | 139.3 | 5 | 4.8 | 1.85e16 | 94.93 | near Niijima island | 22 | 79 | -12 | 115 | 78 | -169 | -0.5639 | 0.6660 | -0.1502 | 0.8556 | 0.0834 | -0.2916 | JIZ | FUJ | SGN |
| 1239 | 2000/07/15,01:20 | 34.2 | 139.3 | 8 | 3.9 | 7.96e14 | 61.87 | near Niijima island | 176 | 75 | 45 | 72 | 47 | 159 | 0.1133 | 0.6650 | 0.1699 | -0.4841 | 0.5831 | 0.3709 | JIZ | SGN | |
| 1240 | 2000/07/15,01:30 | 34.4 | 139.3 | 8 | 6.0 | 1.24e18 | 92.76 | near Niijima island | 107 | 82 | -167 | 16 | 78 | -8 | -0.4207 | 0.8220 | -0.1928 | 0.6357 | 0.0262 | -0.2150 | FUJ | SGN | TTO |
| 1241 | 2000/07/15,03:03 | 34.2 | 139.3 | 5 | 4.3 | 3.04e15 | 83.56 | near Niijima island | 94 | 81 | -148 | 358 | 58 | -11 | 0.1101 | 0.8560 | -0.4847 | 0.1313 | 0.0153 | -0.2415 | JIZ | FUJ | SGN |
| 1242 | 2000/07/15,03:39 | 34.4 | 139.2 | 5 | 4.0 | 1.18e15 | 86.34 | near Niijima island | 119 | 80 | -155 | 25 | 66 | -11 | -0.6172 | 0.5499 | -0.3669 | 0.8311 | -0.0998 | -0.2139 | JIZ | FUJ | SGN |
| 1243 | 2000/07/15,04:11 | 34.2 | 139.3 | 14 | 4.2 | 2.11e15 | 87.68 | near Niijima island | 97 | 82 | -172 | 6 | 82 | -8 | -0.2044 | 0.9544 | -0.1397 | 0.2628 | 0.1073 | -0.0583 | JIZ | SGN | NAA |
| 1244 | 2000/07/15,05:48 | 34.2 | 139.3 | 5 | 4.6 | 8.80e15 | 91.62 | near Niijima island | 319 | 66 | -77 | 110 | 27 | -116 | 0.4996 | 0.4252 | 0.3663 | 0.2062 | 0.5396 | -0.7058 | JIZ | FUJ | SGN |
| 1245 | 2000/07/15,06:04 | 34.4 | 139.2 | 8 | 4.2 | 1.90e15 | 93.49 | near Niijima island | 123 | 88 | -177 | 33 | 87 | -2 | -0.8351 | 0.4090 | -0.0553 | 0.9904 | -0.0115 | -0.1553 | JIZ | FUJ | SGN |
| 1246 | 2000/07/15,06:49 | 34.2 | 139.3 | 5 | 4.8 | 1.93e16 | 86.70 | near Niijima island | 157 | 66 | -78 | 309 | 27 | -115 | 0.2072 | 0.4478 | -0.1930 | 0.4935 | -0.6129 | -0.7007 | JIZ | SGN | TTO |
| 1247 | 2000/07/15,14:25 | 34.4 | 139.2 | 8 | 3.7 | 4.58e14 | 70.50 | near Niijima island | 299 | 85 | 161 | 30 | 71 | 5 | -0.7298 | 0.4985 | -0.2201 | 0.8521 | -0.3173 | -0.1222 | JIZ | SGN | NAA |
| 1248 | 2000/07/15,16:32 | 35.5 | 139.4 | 95 | 4.1 | 1.72e15 | 92.36 | Kanagawa pref | 224 | 88 | 158 | 314 | 68 | 2 | 0.8789 | -0.0215 | -0.2493 | -0.9683 | 0.2847 | 0.0894 | ONS | TTO | KZK |
| 1249 | 2000/07/15,16:34 | 34.5 | 139.2 | 5 | 3.6 | 2.98e14 | 85.81 | near Niijima island | 9 | 83 | -26 | 102 | 64 | -172 | -0.2401 | 0.8354 | -0.0709 | 0.4574 | 0.4033 | -0.2173 | FUJ | SGN | NAA |
| 1250 | 2000/07/15,17:13 | 34.4 | 139.2 | 5 | 3.6 | 2.67e14 | 70.17 | near Niijima island | 195 | 65 | -36 | 302 | 58 | -150 | -0.3509 | 0.5309 | 0.3699 | 0.8293 | -0.2585 | -0.4784 | FUJ | TTO | |
| 1251 | 2000/07/15,17:21 | 34.2 | 139.3 | 23 | 3.5 | 1.69e14 | 65.61 | near Niijima island | 85 | 88 | -155 | 354 | 65 | -2 | 0.3201 | 0.8864 | -0.4307 | -0.0987 | -0.0967 | -0.2213 | FUJ | SGN | TTO |
| 1252 | 2000/07/15,17:34 | 34.4 | 139.2 | 5 | 3.7 | 3.38e14 | 71.40 | near Niijima island | 122 | 81 | -149 | 27 | 60 | -10 | -0.5663 | 0.5022 | -0.3274 | 0.9032 | -0.3007 | -0.3369 | JIZ | SGN | NAA |
| 1253 | 2000/07/15,17:36 | 34.2 | 139.3 | 5 | 3.8 | 5.94e14 | 76.50 | near Niijima island | 145 | 68 | -72 | 285 | 28 | -127 | 0.4728 | 0.4165 | -0.2988 | 0.1874 | -0.6249 | -0.6602 | FUJ | SGN | TTO |
| 1254 | 2000/07/15,20:23 | 34.2 | 139.3 | 5 | 3.9 | 8.41e14 | 93.49 | near Niijima island | 350 | 72 | -27 | 88 | 65 | -160 | 0.4066 | 0.9178 | -0.0178 | 0.0664 | 0.2475 | -0.4730 | JIZ | FUJ | SGN |
| 1255 | 2000/07/15,22:31 | 34.4 | 139.2 | 5 | 3.4 | 1.48e14 | 83.71 | near Niijima island | 310 | 76 | -148 | 211 | 59 | -16 | -0.6481 | 0.2957 | 0.4288 | 0.9459 | 0.1680 | -0.2979 | JIZ | FUJ | NAA |
| 1256 | 2000/07/16,01:30 | 34.2 | 139.3 | 5 | 4.0 | 1.09e15 | 88.21 | near Niijima island | 177 | 55 | -47 | 298 | 54 | -134 | 0.0388 | 0.6487 | 0.3100 | 0.6412 | -0.2195 | -0.6799 | JIZ | FUJ | SGN |
| 1257 | 2000/07/16,09:38 | 34.1 | 139.3 | 5 | 3.8 | 5.37e14 | 80.28 | near Miyakejima island | 354 | 72 | -66 | 119 | 29 | -141 | 0.0471 | 0.4476 | -0.0129 | 0.4777 | 0.7413 | -0.5247 | JIZ | SGN | |
| 1258 | 2000/07/16,10:35 | 34.2 | 139.2 | 5 | 3.7 | 3.59e14 | 86.69 | near Niijima island | 289 | 87 | 149 | 21 | 59 | 4 | -0.6165 | 0.6506 | -0.4879 | 0.4993 | -0.1528 | 0.1172 | JIZ | FUJ | TTO |
| 1259 | 2000/07/16,23:00 | 35.4 | 133.4 | 8 | 4.0 | 1.27e15 | 91.19 | western Tottori pref | 326 | 88 | 12 | 236 | 78 | 178 | 0.9709 | 0.3730 | -0.1792 | -0.8426 | -0.1353 | -0.1283 | NRW | YZK | SBR |
| 1260 | 2000/07/17,02:56 | 33.3 | 140.8 | 32 | 3.7 | 3.77e14 | 65.67 | E off Hachijojima island | 209 | 86 | 175 | 299 | 85 | 4 | 0.7449 | -0.5352 | -0.0709 | -0.9355 | 0.0411 | 0.1906 | JIZ | SGN | TTO |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1261 | 2000/07/17,07:42 | 34.2 | 139.3 | 5 | 3.8 | 5.53e14 | 85.21 | near Niijima island | 336 | 71 | -57 | 92 | 38 | -149 | 0.4519 | 0.5755 | 0.1510 | 0.0446 | 0.6501 | -0.4965 | FUJ | SGN | TTO |
| 1262 | 2000/07/17,12:44 | 34.2 | 139.3 | 5 | 4.2 | 2.31e15 | 94.19 | near Niijima island | 328 | 71 | -60 | 87 | 35 | -146 | 0.5762 | 0.4617 | 0.2448 | -0.0563 | 0.6507 | -0.5199 | JIZ | FUJ | SGN |
| 1263 | 2000/07/17,15:41 | 34.1 | 139.3 | 5 | 4.2 | 2.44e15 | 95.14 | near Miyakejima island | 335 | 74 | -60 | 91 | 34 | -150 | 0.4435 | 0.4986 | 0.1883 | 0.0199 | 0.7131 | -0.4634 | JIZ | FUJ | SGN |
| 1264 | 2000/07/17,15:46 | 34.1 | 139.3 | 5 | 3.8 | 5.01e14 | 88.19 | near Miyakejima island | 324 | 72 | -70 | 95 | 26 | -136 | 0.4865 | 0.3912 | 0.3744 | 0.0582 | 0.6644 | -0.5447 | JIZ | FUJ | SGN |
| 1265 | 2000/07/18,02:17 | 34.5 | 139.2 | 5 | 4.2 | 2.63e15 | 94.62 | near Niijima island | 359 | 78 | -24 | 94 | 67 | -167 | 0.0509 | 0.9084 | -0.1244 | 0.1886 | 0.3423 | -0.2395 | FUJ | SGN | NAA |
| 1266 | 2000/07/18,06:25 | 34.2 | 139.3 | 11 | 4.2 | 2.38e15 | 93.83 | near Niijima island | 14 | 90 | -23 | 104 | 67 | -179 | -0.4376 | 0.8170 | -0.1088 | 0.4313 | 0.3689 | 0.0063 | JIZ | FUJ | SGN |
| 1267 | 2000/07/18,10:54 | 34.2 | 139.3 | 11 | 3.4 | 1.68e14 | 68.83 | near Niijima island | 208 | 82 | 11 | 116 | 79 | 172 | -0.8473 | 0.5662 | 0.0217 | 0.7332 | 0.2112 | 0.1141 | JIZ | FUJ | TTO |
| 1268 | 2000/07/18,11:29 | 34.1 | 139.3 | 11 | 3.8 | 5.17e14 | 91.26 | near Miyakejima island | 199 | 88 | 8 | 108 | 82 | 178 | -0.5858 | 0.7929 | -0.0062 | 0.6027 | 0.1410 | -0.0169 | JIZ | SGN | NAA |
| 1269 | 2000/07/18,11:35 | 34.1 | 139.3 | 11 | 3.8 | 5.38e14 | 90.89 | near Miyakejima island | 15 | 89 | -18 | 106 | 72 | -179 | -0.4469 | 0.8154 | -0.0580 | 0.5413 | 0.2933 | -0.0944 | JIZ | FUJ | SGN |
| 1270 | 2000/07/18,11:59 | 34.2 | 139.3 | 8 | 3.9 | 8.08e14 | 90.83 | near Niijima island | 108 | 84 | -170 | 17 | 80 | -6 | -0.5424 | 0.8003 | -0.1914 | 0.5877 | 0.0437 | -0.0453 | JIZ | SGN | NAA |
| 1271 | 2000/07/18,12:22 | 34.2 | 139.4 | 5 | 5.0 | 4.03e16 | 94.40 | near Miyakejima island | 348 | 78 | -42 | 88 | 50 | -165 | 0.3003 | 0.7727 | 0.1069 | 0.0210 | 0.5678 | -0.3213 | JIZ | FUJ | SGN |
| 1272 | 2000/07/18,17:51 | 34.2 | 139.3 | 5 | 4.5 | 6.56e15 | 90.58 | near Niijima island | 157 | 73 | -65 | 279 | 30 | -144 | 0.3338 | 0.4998 | -0.2244 | 0.1486 | -0.7217 | -0.4825 | JIZ | FUJ | SGN |
| 1273 | 2000/07/18,19:30 | 34.2 | 139.2 | 5 | 3.9 | 7.06e14 | 76.77 | near Niijima island | 319 | 52 | -91 | 140 | 38 | -89 | 0.4390 | 0.4169 | 0.1715 | 0.5728 | 0.1728 | -1.0118 | JIZ | SGN | |
| 1274 | 2000/07/18,20:02 | 35.7 | 140.8 | 50 | 4.7 | 1.14e16 | 91.28 | near Choshi city | 359 | 69 | 88 | 186 | 21 | 96 | -0.1361 | 0.0297 | -0.0289 | -0.6123 | -0.7365 | 0.7484 | YMZ | SGN | ONS |
| 1275 | 2000/07/18,22:26 | 34.2 | 139.3 | 5 | 3.9 | 8.10e14 | 94.40 | near Niijima island | 155 | 81 | -55 | 258 | 36 | -164 | 0.4780 | 0.4617 | -0.2428 | -0.2229 | -0.7459 | -0.2551 | JIZ | FUJ | SGN |
| 1276 | 2000/07/18,23:22 | 34.2 | 139.4 | 5 | 4.1 | 1.77e15 | 88.20 | near Miyakejima island | 253 | 75 | -162 | 158 | 73 | -16 | 0.6502 | 0.7148 | 0.1838 | -0.5067 | -0.3225 | -0.1435 | JIZ | FUJ | SGN |
| 1277 | 2000/07/19,01:04 | 34.2 | 139.3 | 5 | 3.9 | 6.86e14 | 94.90 | near Niijima island | 158 | 79 | -27 | 253 | 64 | -168 | 0.6639 | 0.6977 | -0.0445 | -0.4454 | -0.4147 | -0.2185 | JIZ | FUJ | SGN |
| 1278 | 2000/07/19,01:42 | 36.1 | 142.0 | 35 | 4.2 | 1.94e15 | 69.74 | far E off Ibaraki pref | 35 | 69 | 101 | 186 | 24 | 63 | 0.1221 | 0.4237 | 0.4096 | -0.6460 | -0.6029 | 0.5240 | YMZ | SGN | KZK |
| 1279 | 2000/07/19,02:26 | 34.1 | 139.3 | 5 | 3.8 | 4.82e14 | 76.40 | near Miyakejima island | 11 | 73 | -40 | 115 | 52 | -158 | -0.2996 | 0.6331 | -0.1704 | 0.7263 | 0.4520 | -0.4267 | JIZ | FUJ | SGN |
| 1280 | 2000/07/19,02:34 | 34.1 | 139.4 | 14 | 4.0 | 1.18e15 | 93.32 | near Miyakejima island | 356 | 89 | -4 | 86 | 86 | -179 | 0.1684 | 0.9894 | -0.0161 | -0.1316 | 0.0761 | -0.0368 | JIZ | SGN | TTO |
| 1281 | 2000/07/19,02:37 | 34.2 | 139.3 | 11 | 3.6 | 2.46e14 | 62.04 | near Niijima island | 16 | 85 | 19 | 284 | 71 | 175 | -0.4022 | 0.7959 | -0.1009 | 0.5691 | -0.3880 | -0.1670 | JIZ | FUJ | SGN |
| 1282 | 2000/07/19,03:23 | 34.2 | 137.0 | 360 | 4.1 | 1.45e15 | 86.04 | SE off Kii peninsula | 164 | 72 | 80 | 15 | 21 | 119 | -0.0485 | 0.0273 | 0.2973 | -0.5774 | 0.7468 | 0.6260 | ABU | TTO | |
| 1283 | 2000/07/19,08:16 | 34.2 | 139.4 | 5 | 4.2 | 2.20e15 | 93.27 | near Miyakejima island | 155 | 65 | -60 | 280 | 38 | -138 | 0.4623 | 0.5641 | -0.0683 | 0.1824 | -0.5876 | -0.6447 | JIZ | FUJ | SGN |
| 1284 | 2000/07/19,08:25 | 34.2 | 139.4 | 5 | 4.1 | 1.41e15 | 91.85 | near Miyakejima island | 163 | 69 | -45 | 273 | 48 | -151 | 0.3828 | 0.7931 | -0.0737 | 0.1343 | -0.4576 | -0.5172 | JIZ | SGN | TTO |
| 1285 | 2000/07/19,09:37 | 34.2 | 139.3 | 5 | 3.8 | 6.09e14 | 93.79 | near Niijima island | 159 | 63 | -48 | 275 | 49 | -143 | 0.4768 | 0.6268 | 0.1433 | 0.1176 | -0.5391 | -0.5944 | JIZ | FUJ | SGN |
| 1286 | 2000/07/19,11:00 | 34.3 | 139.2 | 5 | 4.9 | 2.31e16 | 79.69 | near Niijima island | 342 | 64 | -98 | 181 | 27 | -73 | -0.0077 | 0.1152 | 0.2460 | 0.7816 | 0.5690 | -0.7738 | JIZ | FUJ | SGN |
| 1287 | 2000/07/19,11:06 | 34.3 | 139.2 | 5 | 4.5 | 7.42e15 | 92.24 | near Niijima island | 229 | 54 | -52 | 355 | 51 | -130 | -0.0907 | -0.4448 | 0.4032 | 0.8346 | 0.1079 | -0.7440 | JIZ | SGN | TTO |
| 1288 | 2000/07/19,11:34 | 34.3 | 139.3 | 5 | 4.3 | 2.66e15 | 93.43 | near Niijima island | 323 | 75 | -70 | 89 | 25 | -142 | 0.4846 | 0.3169 | 0.4227 | -0.0147 | 0.7029 | -0.4699 | JIZ | FUJ | SGN |
| 1289 | 2000/07/19,11:40 | 34.2 | 139.2 | 5 | 4.0 | 9.99e14 | 79.05 | near Niijima island | 293 | 49 | -114 | 147 | 46 | -65 | 0.5566 | 0.5152 | 0.2348 | 0.3607 | -0.1999 | -0.9173 | JIZ | SGN | TTO |
| 1290 | 2000/07/19,11:46 | 34.3 | 139.3 | 5 | 4.3 | 3.35e15 | 91.63 | near Niijima island | 315 | 69 | -84 | 120 | 21 | -104 | 0.4113 | 0.3620 | 0.5064 | 0.2268 | 0.5482 | -0.6382 | JIZ | FUJ | SGN |
| 1291 | 2000/07/19,11:48 | 34.2 | 139.3 | 5 | 5.0 | 3.28e16 | 95.19 | near Niijima island | 339 | 75 | -57 | 91 | 36 | -153 | 0.4011 | 0.5293 | 0.1304 | 0.0265 | 0.7265 | -0.4276 | JIZ | FUJ | SGN |
| 1292 | 2000/07/19,12:01 | 34.2 | 139.2 | 5 | 4.5 | 7.41e15 | 95.45 | near Niijima island | 182 | 88 | 50 | 89 | 40 | 177 | -0.0622 | 0.6449 | 0.0440 | 0.0152 | 0.7631 | 0.0470 | JIZ | FUJ | SGN |
| 1293 | 2000/07/19,12:20 | 34.2 | 139.4 | 5 | 4.2 | 2.57e15 | 92.84 | near Miyakejima island | 330 | 65 | -69 | 108 | 33 | -128 | 0.4452 | 0.5078 | 0.1717 | 0.2596 | 0.5748 | -0.7048 | JIZ | FUJ | SGN |
| 1294 | 2000/07/19,13:44 | 34.2 | 139.3 | 5 | 4.1 | 1.86e15 | 95.93 | near Niijima island | 257 | 85 | 167 | 348 | 77 | 5 | 0.4474 | 0.8749 | -0.2641 | -0.3760 | -0.0646 | -0.0714 | JIZ | FUJ | SGN |
| 1295 | 2000/07/19,15:02 | 34.3 | 139.2 | 17 | 3.8 | 5.08e14 | 80.46 | near Niijima island | 242 | 64 | 30 | 138 | 64 | 151 | -1.0654 | -0.2985 | -0.0661 | 0.5793 | 0.3071 | 0.4861 | JIZ | FUJ | SGN |
| 1296 | 2000/07/19,17:19 | 38.8 | 143.4 | 23 | 5.3 | 9.35e16 | 90.03 | far E off Miyagi pref | 15 | 64 | 89 | 197 | 26 | 92 | -0.0692 | 0.2081 | 0.1460 | -0.7294 | -0.5892 | 0.7985 | KSN | TMR | GJM |
| 1297 | 2000/07/19,17:32 | 34.3 | 139.2 | 17 | 5.0 | 3.02e16 | 88.17 | near Niijima island | 130 | 75 | 159 | 225 | 70 | 16 | -1.0131 | 0.0794 | 0.0900 | 0.7998 | 0.3592 | 0.2132 | JIZ | FUJ | SGN |
| 1298 | 2000/07/19,18:47 | 40.1 | 142.5 | 44 | 4.0 | 1.22e15 | 87.16 | NE off Iwate pref | 25 | 69 | 101 | 177 | 24 | 64 | 0.0083 | 0.1383 | 0.3733 | -0.6697 | -0.6257 | 0.6613 | TMR | KSN | GJM |
| 1299 | 2000/07/19,21:18 | 34.2 | 139.3 | 5 | 5.3 | 8.54e16 | 83.56 | near Niijima island | 136 | 45 | -92 | 319 | 45 | -88 | 0.4111 | 0.5806 | -0.0186 | 0.5324 | 0.0115 | -0.9435 | SGN | NAA | ONS |
| 1300 | 2000/07/19,21:56 | 35.2 | 137.2 | 38 | 3.8 | 5.79e14 | 64.68 | central Aichi pref | 321 | 55 | -124 | 191 | 47 | -51 | -0.2161 | 0.3202 | 0.3654 | 0.9670 | 0.0516 | -0.7510 | TTO | FUJ | |
| 1301 | 2000/07/19,22:40 | 34.3 | 139.3 | 5 | 3.8 | 5.98e14 | 81.07 | near Niijima island | 1 | 70 | -43 | 109 | 51 | -153 | -0.0664 | 0.7421 | -0.0973 | 0.5563 | 0.4504 | -0.4900 | JIZ | SGN | |
| 1302 | 2000/07/20,00:01 | 34.2 | 139.3 | 5 | 4.0 | 9.76e14 | 95.80 | near Niijima island | 346 | 76 | -34 | 85 | 57 | -163 | 0.4181 | 0.8131 | 0.0250 | -0.0792 | 0.4594 | -0.3389 | JIZ | FUJ | SGN |
| 1303 | 2000/07/20,00:23 | 34.2 | 139.3 | 5 | 4.7 | 1.17e16 | 94.67 | near Niijima island | 354 | 65 | -39 | 103 | 55 | -149 | 0.1463 | 0.7893 | -0.1970 | 0.3665 | 0.3852 | -0.5128 | JIZ | FUJ | SGN |
| 1304 | 2000/07/20,00:34 | 34.1 | 139.4 | 5 | 4.3 | 3.42e15 | 95.23 | near Miyakejima island | 347 | 75 | -40 | 89 | 52 | -161 | 0.3542 | 0.7728 | 0.0217 | 0.0079 | 0.5346 | -0.3621 | JIZ | FUJ | SGN |
| 1305 | 2000/07/20,01:33 | 34.2 | 139.3 | 5 | 3.7 | 4.22e14 | 83.81 | near Niijima island | 350 | 80 | -59 | 96 | 33 | -161 | 0.1976 | 0.5280 | 0.0389 | 0.1027 | 0.8065 | -0.3003 | JIZ | SGN | |
| 1306 | 2000/07/20,01:48 | 34.2 | 139.3 | 11 | 4.5 | 6.87e15 | 92.59 | near Niijima island | 6 | 85 | -17 | 97 | 73 | -175 | -0.1137 | 0.9328 | -0.0196 | 0.3317 | 0.2696 | -0.2180 | JIZ | SGN | NAA |
| 1307 | 2000/07/20,02:07 | 34.2 | 139.3 | 5 | 3.7 | 4.59e14 | 91.69 | near Niijima island | 341 | 72 | -40 | 85 | 52 | -157 | 0.5006 | 0.7147 | -0.0086 | -0.0978 | 0.5314 | -0.4028 | JIZ | FUJ | SGN |
| 1308 | 2000/07/20,02:19 | 34.2 | 139.3 | 5 | 5.0 | 3.86e16 | 91.05 | near Niijima island | 154 | 66 | -71 | 294 | 30 | -126 | 0.3574 | 0.4712 | -0.1717 | 0.3301 | -0.6270 | -0.6875 | JIZ | SGN | TTO |
| 1309 | 2000/07/20,02:22 | 34.2 | 139.3 | 5 | 4.4 | 5.17e15 | 89.28 | near Niijima island | 338 | 72 | -48 | 87 | 45 | -155 | 0.5036 | 0.6040 | 0.0206 | -0.0771 | 0.6451 | -0.4265 | JIZ | FUJ | SGN |
| 1310 | 2000/07/20,02:31 | 34.2 | 139.3 | 5 | 4.5 | 7.27e15 | 93.85 | near Niijima island | 352 | 83 | -31 | 86 | 59 | -172 | 0.2595 | 0.8574 | 0.1047 | -0.0234 | 0.4722 | -0.2361 | JIZ | FUJ | SGN |
| 1311 | 2000/07/20,02:39 | 34.2 | 139.3 | 5 | 4.8 | 1.64e16 | 93.21 | near Niijima island | 351 | 88 | -12 | 81 | 78 | -178 | 0.4191 | 0.9309 | 0.0663 | -0.1799 | 0.1831 | -0.2393 | JIZ | FUJ | SGN |
| 1312 | 2000/07/20,02:47 | 34.2 | 139.2 | 5 | 4.4 | 3.90e15 | 90.12 | near Niijima island | 347 | 71 | -55 | 102 | 40 | -149 | 0.2365 | 0.6345 | 0.0076 | 0.2645 | 0.6427 | -0.5011 | JIZ | FUJ | SGN |
| 1313 | 2000/07/20,02:52 | 34.2 | 139.3 | 8 | 3.9 | 9.42e14 | 56.13 | near Niijima island | 99 | 51 | -110 | 309 | 43 | -67 | 0.8199 | 0.4056 | -0.2176 | 0.0936 | 0.1748 | -0.9135 | JIZ | FUJ | |
| 1314 | 2000/07/20,02:54 | 34.2 | 139.3 | 5 | 3.8 | 5.87e14 | 71.05 | near Niijima island | 285 | 66 | -148 | 181 | 61 | -28 | 0.0438 | 0.8914 | 0.2084 | 0.5175 | -0.0315 | -0.5613 | JIZ | SGN | NAA |
| 1315 | 2000/07/20,02:56 | 34.2 | 139.2 | 5 | 3.7 | 4.32e14 | 66.00 | near Niijima island | 90 | 75 | -137 | 347 | 49 | -20 | 0.3321 | 0.7107 | -0.5940 | 0.0093 | 0.1727 | -0.3414 | JIZ | SGN | TTO |
| 1316 | 2000/07/20,03:01 | 34.2 | 139.3 | 5 | 4.1 | 1.84e15 | 75.88 | near Niijima island | 155 | 76 | -46 | 260 | 46 | -160 | 0.5701 | 0.6598 | -0.2432 | -0.1848 | -0.5429 | -0.3853 | JIZ | FUJ | SGN |
| 1317 | 2000/07/20,03:10 | 34.2 | 139.3 | 5 | 5.2 | 6.00e16 | 95.62 | near Niijima island | 344 | 80 | -34 | 80 | 56 | -168 | 0.4767 | 0.7915 | 0.1597 | -0.1718 | 0.4645 | -0.3049 | JIZ | FUJ | SGN |
| 1318 | 2000/07/20,03:19 | 34.2 | 139.3 | 8 | 4.3 | 3.60e15 | 74.73 | near Niijima island | 308 | 48 | -110 | 156 | 45 | -69 | 0.3388 | 0.5237 | 0.2202 | 0.5924 | -0.1112 | -0.9312 | JIZ | SGN | TTO |
| 1319 | 2000/07/20,03:29 | 34.2 | 139.3 | 5 | 4.6 | 9.91e15 | 94.56 | near Niijima island | 151 | 57 | -62 | 287 | 42 | -126 | 0.5190 | 0.5735 | 0.0367 | 0.2798 | -0.4226 | -0.7988 | JIZ | FUJ | SGN |
| 1320 | 2000/07/20,03:38 | 34.2 | 139.3 | 8 | 4.0 | 1.18e15 | 67.69 | near Niijima island | 298 | 53 | -120 | 162 | 46 | -56 | 0.3143 | 0.5879 | 0.3405 | 0.5067 | -0.1427 | -0.8210 | JIZ | FUJ | SGN |
| 1321 | 2000/07/20,03:40 | 34.3 | 139.3 | 5 | 4.0 | 1.22e15 | 88.69 | near Niijima island | 258 | 67 | -153 | 157 | 65 | -26 | 0.6599 | 0.6913 | 0.2270 | -0.3153 | -0.3886 | -0.3445 | JIZ | SGN | TTO |
| 1322 | 2000/07/20,03:45 | 34.2 | 139.3 | 5 | 4.1 | 1.79e15 | 92.03 | near Niijima island | 260 | 62 | -147 | 153 | 61 | -32 | 0.7632 | 0.6749 | 0.1646 | -0.2483 | -0.3114 | -0.5149 | JIZ | FUJ | SGN |
| 1323 | 2000/07/20,03:53 | 34.2 | 139.3 | 5 | 4.4 | 4.24e15 | 93.52 | near Niijima island | 328 | 70 | -60 | 88 | 36 | -144 | 0.5676 | 0.5295 | 0.2736 | -0.0396 | 0.5965 | -0.5280 | JIZ | FUJ | SGN |
| 1324 | 2000/07/20,03:58 | 34.2 | 139.3 | 5 | 3.8 | 4.97e14 | 59.79 | near Niijima island | 304 | 59 | -92 | 127 | 31 | -87 | 0.5870 | 0.3673 | 0.3943 | 0.3367 | 0.2440 | -0.9237 | JIZ | FUJ | SGN |
| 1325 | 2000/07/20,04:03 | 34.2 | 139.3 | 5 | 4.4 | 4.34e15 | 93.82 | near Niijima island | 163 | 51 | -55 | 295 | 50 | -125 | 0.2952 | 0.6388 | 0.2579 | 0.4923 | -0.2369 | -0.7875 | JIZ | SGN | TTO |
| 1326 | 2000/07/20,04:06 | 34.2 | 139.2 | 5 | 3.9 | 7.79e14 | 69.49 | near Niijima island | 360 | 63 | -51 | 119 | 47 | -141 | -0.0244 | 0.5951 | -0.2343 | 0.6542 | 0.4289 | -0.6297 | FUJ | SGN | |
| 1327 | 2000/07/20,04:32 | 34.2 | 139.3 | 5 | 4.3 | 3.01e15 | 95.82 | near Niijima island | 292 | 57 | -122 | 161 | 44 | -51 | 0.3613 | 0.6144 | 0.4145 | 0.4047 | -0.1125 | -0.7661 | JIZ | FUJ | SGN |
| 1328 | 2000/07/20,04:52 | 34.2 | 139.3 | 8 | 3.8 | 6.48e14 | 81.76 | near Niijima island | 301 | 52 | -114 | 156 | 44 | -63 | 0.3664 | 0.5789 | 0.2968 | 0.5030 | -0.0901 | -0.8694 | SGN | NAA | TTO |
| 1329 | 2000/07/20,05:04 | 34.2 | 139.3 | 5 | 3.8 | 5.78e14 | 85.30 | near Niijima island | 293 | 63 | -119 | 164 | 38 | -47 | 0.2879 | 0.5899 | 0.5393 | 0.4051 | 0.0389 | -0.6930 | SGN | NAA | TTO |
| 1330 | 2000/07/20,05:21 | 34.2 | 139.3 | 5 | 3.9 | 7.86e14 | 92.88 | near Niijima island | 159 | 53 | -55 | 290 | 49 | -127 | 0.4139 | 0.6037 | 0.2430 | 0.3753 | -0.3287 | -0.7892 | JIZ | SGN | TTO |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1331 | 2000/07/20,05:28 | 34.2 | 139.3 | 5 | 3.6 | 2.56e14 | 66.47 | near Niijima island | 298 | 73 | -152 | 199 | 63 | -19 | -0.4496 | 0.6243 | 0.3371 | 0.8414 | 0.0525 | -0.3918 | JIZ | FUJ | SGN |
| 1332 | 2000/07/20,05:35 | 34.2 | 139.2 | 5 | 3.8 | 5.51e14 | 73.87 | near Niijima island | 314 | 65 | -97 | 150 | 26 | -75 | 0.2998 | 0.3378 | 0.5064 | 0.4842 | 0.4019 | -0.7840 | SGN | NAA | TTO |
| 1333 | 2000/07/20,05:55 | 42.6 | 144.4 | 50 | 4.0 | 1.11e15 | 91.31 | SE off Tokachi | 249 | 76 | -132 | 143 | 43 | -20 | 0.6689 | 0.3769 | 0.5413 | -0.3391 | -0.5032 | -0.3298 | URH | KMU | HSS |
| 1334 | 2000/07/20,05:58 | 37.3 | 141.7 | 47 | 4.0 | 1.23e15 | 83.65 | E off Fukushima pref | 17 | 76 | 84 | 218 | 15 | 111 | -0.0095 | 0.2527 | 0.2402 | -0.4230 | -0.8420 | 0.4325 | ONS | KZK | GJM |
| 1335 | 2000/07/20,06:18 | 34.1 | 139.3 | 5 | 4.7 | 1.39e16 | 94.37 | near Miyakejima island | 162 | 77 | -57 | 271 | 36 | -156 | 0.3453 | 0.5545 | -0.1270 | 0.0316 | -0.7396 | -0.3769 | JIZ | FUJ | SGN |
| 1336 | 2000/07/20,06:37 | 34.2 | 139.3 | 14 | 4.0 | 1.22e15 | 81.38 | near Niijima island | 122 | 88 | 163 | 212 | 73 | 2 | -0.7802 | 0.4327 | 0.1924 | 0.9250 | 0.2592 | -0.1448 | JIZ | FUJ | SGN |
| 1337 | 2000/07/20,06:39 | 34.2 | 139.3 | 5 | 3.6 | 2.94e14 | 75.62 | near Niijima island | 338 | 71 | -37 | 82 | 56 | -156 | 0.5920 | 0.6904 | -0.0425 | -0.1984 | 0.4994 | -0.3936 | JIZ | FUJ | SGN |
| 1338 | 2000/07/20,07:02 | 34.2 | 139.2 | 5 | 3.9 | 7.53e14 | 90.72 | near Niijima island | 17 | 88 | -42 | 109 | 48 | -177 | -0.4216 | 0.5829 | -0.1730 | 0.4993 | 0.6462 | -0.0777 | JIZ | FUJ | SGN |
| 1339 | 2000/07/20,10:16 | 34.2 | 139.3 | 5 | 4.1 | 1.47e15 | 93.99 | near Niijima island | 162 | 62 | -56 | 287 | 43 | -137 | 0.3463 | 0.6206 | 0.0886 | 0.3338 | -0.5108 | -0.6801 | JIZ | FUJ | SGN |
| 1340 | 2000/07/20,11:34 | 34.2 | 139.2 | 5 | 3.8 | 5.22e14 | 91.19 | near Niijima island | 158 | 60 | -51 | 280 | 47 | -137 | 0.4648 | 0.6173 | 0.1537 | 0.2148 | -0.4813 | -0.6795 | JIZ | FUJ | SGN |
| 1341 | 2000/07/20,14:23 | 34.2 | 139.3 | 5 | 4.8 | 1.77e16 | 95.02 | near Niijima island | 353 | 78 | -39 | 92 | 52 | -165 | 0.1787 | 0.8042 | 0.0225 | 0.1248 | 0.5479 | -0.3034 | JIZ | FUJ | SGN |
| 1342 | 2000/07/20,17:39 | 34.2 | 139.3 | 5 | 3.8 | 5.89e14 | 88.73 | near Niijima island | 298 | 60 | -97 | 133 | 30 | -78 | 0.5748 | 0.4492 | 0.4722 | 0.2537 | 0.1946 | -0.8285 | JIZ | FUJ | SGN |
| 1343 | 2000/07/20,18:05 | 34.2 | 139.3 | 5 | 4.3 | 3.54e15 | 91.69 | near Niijima island | 312 | 65 | -95 | 145 | 26 | -78 | 0.3215 | 0.4120 | 0.4974 | 0.4235 | 0.4055 | -0.7450 | JIZ | SGN | TTO |
| 1344 | 2000/07/20,18:39 | 36.6 | 141.0 | 50 | 6.0 | 1.07e18 | 91.29 | E off Ibaraki pref | 36 | 64 | 94 | 206 | 26 | 81 | -0.2015 | 0.3460 | 0.3956 | -0.5760 | -0.4873 | 0.7775 | ONS | TTO | FUJ |
| 1345 | 2000/07/20,21:05 | 34.2 | 139.3 | 8 | 4.1 | 1.59e15 | 75.07 | near Niijima island | 155 | 74 | -25 | 252 | 66 | -162 | 0.7495 | 0.6503 | 0.0468 | -0.4668 | -0.3864 | -0.2827 | JIZ | FUJ | SGN |
| 1346 | 2000/07/20,22:29 | 36.5 | 141.2 | 47 | 4.1 | 1.50e15 | 86.34 | E off Ibaraki pref | 64 | 50 | 99 | 230 | 41 | 80 | -0.6803 | 0.3927 | 0.2112 | -0.3434 | 0.0237 | 1.0237 | ONS | SBT | KZK |
| 1347 | 2000/07/21,02:36 | 34.2 | 139.3 | 20 | 4.6 | 8.52e15 | 59.32 | near Niijima island | 198 | 82 | 10 | 106 | 80 | 172 | -0.4076 | 0.7944 | 0.1469 | 0.6704 | 0.3034 | -0.2628 | JIZ | NAA | |
| 1348 | 2000/07/21,05:16 | 35.2 | 141.2 | 23 | 5.5 | 2.18e17 | 75.72 | E off Boso peninsula | 213 | 82 | -54 | 314 | 37 | -167 | -0.5176 | 0.0606 | 0.3850 | 0.7323 | -0.6703 | -0.2148 | ONS | KZK | SBT |
| 1349 | 2000/07/21,06:14 | 34.2 | 139.3 | 5 | 3.8 | 6.37e14 | 80.29 | near Niijima island | 172 | 88 | 11 | 82 | 79 | 178 | 0.3404 | 0.9414 | 0.1178 | -0.1870 | 0.1931 | -0.1535 | JIZ | TTO | |
| 1350 | 2000/07/21,07:56 | 34.3 | 139.2 | 5 | 4.9 | 2.92e16 | 87.73 | near Niijima island | 331 | 68 | -52 | 87 | 43 | -147 | 0.6002 | 0.5338 | 0.0765 | -0.0564 | 0.6176 | -0.5438 | JIZ | FUJ | SGN |
| 1351 | 2000/07/21,09:13 | 34.2 | 139.3 | 5 | 4.0 | 1.17e15 | 96.56 | near Niijima island | 150 | 74 | -26 | 247 | 65 | -163 | 0.8366 | 0.5393 | 0.0009 | -0.5731 | -0.4107 | -0.2635 | JIZ | FUJ | SGN |
| 1352 | 2000/07/21,09:18 | 34.2 | 139.3 | 11 | 3.7 | 4.22e14 | 86.82 | near Niijima island | 124 | 89 | 164 | 215 | 74 | 1 | -0.9460 | 0.3419 | 0.2397 | 0.8485 | 0.1367 | 0.0974 | JIZ | FUJ | NAA |
| 1353 | 2000/07/21,10:01 | 34.2 | 139.3 | 5 | 3.6 | 2.56e14 | 59.95 | near Niijima island | 316 | 65 | -127 | 196 | 43 | -38 | -0.2693 | 0.3287 | 0.4942 | 0.8754 | 0.2168 | -0.6061 | JIZ | FUJ | |
| 1354 | 2000/07/21,10:25 | 34.2 | 139.3 | 5 | 3.8 | 6.30e14 | 91.37 | near Niijima island | 285 | 59 | -140 | 171 | 57 | -39 | 0.2205 | 0.7417 | 0.3447 | 0.3640 | -0.2737 | -0.5845 | JIZ | FUJ | SGN |
| 1355 | 2000/07/21,10:36 | 34.2 | 139.3 | 5 | 4.3 | 2.94e15 | 95.45 | near Niijima island | 281 | 61 | -139 | 168 | 55 | -37 | 0.2699 | 0.6687 | 0.4601 | 0.2763 | -0.3495 | -0.5461 | JIZ | FUJ | SGN |
| 1356 | 2000/07/21,11:06 | 34.2 | 139.3 | 5 | 4.3 | 2.98e15 | 96.77 | near Niijima island | 159 | 74 | -43 | 264 | 49 | -159 | 0.5089 | 0.6468 | -0.0278 | -0.1510 | -0.6150 | -0.3579 | JIZ | FUJ | SGN |
| 1357 | 2000/07/21,11:22 | 34.2 | 139.3 | 5 | 3.9 | 9.09e14 | 90.26 | near Niijima island | 290 | 66 | -128 | 173 | 44 | -36 | 0.1547 | 0.6192 | 0.5816 | 0.4301 | -0.0464 | -0.5848 | JIZ | FUJ | SGN |
| 1358 | 2000/07/21,11:35 | 34.2 | 139.3 | 5 | 4.0 | 1.06e15 | 96.55 | near Niijima island | 335 | 87 | -6 | 66 | 84 | -177 | 0.8399 | 0.6533 | 0.0139 | -0.6533 | 0.0906 | -0.1865 | JIZ | FUJ | SGN |
| 1359 | 2000/07/21,11:51 | 43.3 | 145.7 | 86 | 4.3 | 3.70e15 | 76.87 | off Nemuro peninsula | 322 | 51 | -119 | 183 | 47 | -59 | 0.1137 | 0.2267 | 0.4687 | 0.8115 | -0.0706 | -0.9252 | URH | TNK | HSS |
| 1360 | 2000/07/21,12:46 | 34.2 | 139.2 | 5 | 3.6 | 2.52e14 | 81.15 | near Niijima island | 167 | 64 | -32 | 272 | 62 | -150 | 0.3669 | 0.7767 | 0.2896 | 0.0535 | -0.3912 | -0.4204 | JIZ | SGN | TTO |
| 1361 | 2000/07/21,13:00 | 34.2 | 139.2 | 5 | 3.6 | 2.75e14 | 90.00 | near Niijima island | 337 | 66 | -33 | 82 | 60 | -152 | 0.5980 | 0.6475 | -0.2055 | -0.2145 | 0.5199 | -0.3836 | JIZ | FUJ | SGN |
| 1362 | 2000/07/21,16:49 | 34.2 | 139.3 | 5 | 4.3 | 2.98e15 | 94.91 | near Niijima island | 284 | 65 | -115 | 152 | 35 | -48 | 0.4936 | 0.5463 | 0.5826 | 0.1843 | 0.0023 | -0.6779 | JIZ | SGN | TTO |
| 1363 | 2000/07/21,18:44 | 34.2 | 139.3 | 5 | 4.3 | 3.64e15 | 87.96 | near Niijima island | 287 | 64 | -117 | 156 | 36 | -47 | 0.4334 | 0.5654 | 0.5684 | 0.2507 | 0.0034 | -0.6842 | JIZ | FUJ | SGN |
| 1364 | 2000/07/21,18:58 | 34.2 | 139.3 | 5 | 3.7 | 4.03e14 | 88.36 | near Niijima island | 321 | 75 | -73 | 91 | 22 | -138 | 0.4623 | 0.2898 | 0.4696 | 0.0054 | 0.6927 | -0.4677 | JIZ | FUJ | SGN |
| 1365 | 2000/07/21,19:00 | 35.2 | 141.2 | 41 | 4.0 | 1.01e15 | 68.06 | E off Boso peninsula | 255 | 86 | 124 | 351 | 35 | 7 | 0.1265 | 0.5451 | -0.7833 | -0.2433 | 0.2243 | 0.1168 | SGN | ONS | FUJ |
| 1366 | 2000/07/22,08:58 | 34.2 | 139.3 | 5 | 3.9 | 8.25e14 | 92.13 | near Niijima island | 283 | 53 | -122 | 149 | 48 | -55 | 0.5854 | 0.5283 | 0.3139 | 0.2389 | -0.2912 | -0.8243 | SGN | TTO | ONS |
| 1367 | 2000/07/22,11:27 | 34.4 | 139.2 | 5 | 4.4 | 4.77e15 | 94.60 | near Niijima island | 27 | 87 | -5 | 117 | 85 | -177 | -0.6995 | 0.5819 | -0.0604 | 0.9184 | 0.0544 | -0.2188 | JIZ | FUJ | SGN |
| 1368 | 2000/07/22,13:20 | 34.2 | 139.3 | 8 | 3.7 | 3.86e14 | 89.68 | near Niijima island | 324 | 81 | -63 | 71 | 29 | -161 | 0.5003 | 0.3581 | 0.4983 | -0.2474 | 0.6718 | -0.2529 | FUJ | SGN | TTO |
| 1369 | 2000/07/22,14:17 | 38.2 | 141.7 | 68 | 3.8 | 5.28e14 | 69.76 | Kinkazan region | 19 | 69 | 101 | 172 | 24 | 65 | 0.0033 | 0.0581 | 0.3048 | -0.6885 | -0.6570 | 0.6853 | KSN | ONS | SGN |
| 1370 | 2000/07/22,15:24 | 34.2 | 139.3 | 5 | 4.6 | 8.63e15 | 93.23 | near Niijima island | 344 | 65 | -47 | 99 | 49 | -145 | 0.3449 | 0.7659 | -0.0460 | 0.2346 | 0.4306 | -0.5795 | JIZ | FUJ | SGN |
| 1371 | 2000/07/22,16:46 | 33.9 | 134.3 | 5 | 4.0 | 9.88e14 | 96.75 | Tokushima pref | 298 | 81 | 14 | 206 | 76 | 170 | 0.7274 | -0.5628 | -0.2660 | -0.8281 | 0.0259 | 0.1007 | YZK | KIS | ABU |
| 1372 | 2000/07/22,21:57 | 34.4 | 139.2 | 8 | 3.6 | 3.08e14 | 70.14 | near Niijima island | 212 | 70 | 55 | 96 | 40 | 147 | -0.6383 | 0.4317 | -0.1343 | 0.1049 | 0.6683 | 0.5334 | JIZ | ONS | |
| 1373 | 2000/07/23,01:25 | 34.2 | 139.3 | 5 | 3.8 | 6.38e14 | 68.98 | near Niijima island | 311 | 59 | -85 | 122 | 31 | -98 | 0.5686 | 0.4192 | 0.3235 | 0.3139 | 0.3462 | -0.8825 | SGN | TTO | |
| 1374 | 2000/07/23,01:33 | 34.3 | 139.3 | 5 | 4.5 | 5.37e15 | 93.58 | near Niijima island | 288 | 52 | -108 | 136 | 41 | -68 | 0.6923 | 0.5069 | 0.2776 | 0.2026 | -0.0817 | -0.8949 | JIZ | FUJ | SGN |
| 1375 | 2000/07/23,02:10 | 34.2 | 139.3 | 5 | 4.7 | 1.37e16 | 93.97 | near Niijima island | 345 | 67 | -51 | 101 | 44 | -145 | 0.3037 | 0.7115 | -0.0128 | 0.2648 | 0.5228 | -0.5685 | JIZ | FUJ | SGN |
| 1376 | 2000/07/23,02:34 | 34.3 | 139.3 | 8 | 3.7 | 3.93e14 | 84.86 | near Niijima island | 200 | 90 | 12 | 110 | 78 | 180 | -0.5614 | 0.7499 | -0.0268 | 0.6999 | 0.2055 | -0.1385 | SGN | TTO | NAA |
| 1377 | 2000/07/23,03:02 | 34.3 | 139.3 | 5 | 4.6 | 7.84e15 | 93.03 | near Niijima island | 293 | 49 | -107 | 138 | 44 | -71 | 0.6496 | 0.5226 | 0.1943 | 0.2767 | -0.1108 | -0.9263 | JIZ | FUJ | SGN |
| 1378 | 2000/07/23,03:15 | 34.3 | 139.3 | 5 | 5.2 | 6.58e16 | 92.17 | near Niijima island | 351 | 83 | -34 | 85 | 56 | -172 | 0.2789 | 0.8351 | 0.1528 | -0.0217 | 0.5019 | -0.2572 | FUJ | SGN | TTO |
| 1379 | 2000/07/23,03:58 | 34.2 | 139.4 | 5 | 4.8 | 1.78e16 | 94.40 | near Miyakejima island | 323 | 72 | -68 | 91 | 28 | -139 | 0.5216 | 0.3971 | 0.3851 | -0.0006 | 0.6503 | -0.5210 | JIZ | FUJ | SGN |
| 1380 | 2000/07/23,06:39 | 35.2 | 141.3 | 29 | 4.0 | 1.23e15 | 66.13 | E off Boso peninsula | 80 | 63 | 133 | 196 | 49 | 37 | -0.3717 | 0.6606 | 0.4814 | -0.2223 | 0.2502 | 0.5940 | SGN | ONS | FUJ |
| 1381 | 2000/07/23,07:38 | 34.2 | 139.2 | 8 | 3.4 | 1.29e14 | 83.40 | near Niijima island | 314 | 74 | -43 | 59 | 49 | -158 | 0.9336 | 0.1984 | 0.3086 | -0.5405 | 0.4595 | -0.3932 | FUJ | TTO | |
| 1382 | 2000/07/23,07:43 | 34.2 | 139.2 | 5 | 3.7 | 4.27e14 | 88.30 | near Niijima island | 102 | 75 | -164 | 8 | 75 | -16 | -0.2911 | 0.8643 | -0.3285 | 0.3446 | 0.2253 | -0.0535 | FUJ | NAA | TTO |
| 1383 | 2000/07/23,08:02 | 35.2 | 141.4 | 26 | 4.2 | 1.93e15 | 72.67 | E off Boso peninsula | 327 | 76 | -41 | 69 | 50 | -161 | 0.7494 | 0.4103 | 0.1203 | -0.4542 | 0.6290 | -0.2952 | SGN | TTO | KZK |
| 1384 | 2000/07/23,08:15 | 34.2 | 139.3 | 5 | 4.2 | 2.12e15 | 89.87 | near Niijima island | 335 | 78 | -70 | 95 | 24 | -148 | 0.2845 | 0.4213 | 0.3262 | 0.0813 | 0.7801 | -0.3658 | JIZ | FUJ | SGN |
| 1385 | 2000/07/23,14:06 | 35.9 | 141.3 | 59 | 3.9 | 8.74e14 | 85.09 | far E off Ibaraki pref | 192 | 89 | -68 | 285 | 22 | -176 | -0.1744 | 0.3330 | 0.1790 | 0.2083 | -0.9056 | -0.0338 | ONS | SGN | KZK |
| 1386 | 2000/07/23,17:13 | 34.1 | 139.3 | 5 | 5.1 | 5.50e16 | 94.53 | near Miyakejima island | 151 | 51 | -63 | 292 | 46 | -119 | 0.5015 | 0.5697 | 0.1418 | 0.3651 | -0.2979 | -0.8666 | JIZ | FUJ | SGN |
| 1387 | 2000/07/23,18:01 | 34.1 | 139.3 | 5 | 4.3 | 3.64e15 | 92.77 | near Miyakejima island | 173 | 66 | -33 | 278 | 60 | -152 | 0.2363 | 0.8981 | 0.0913 | 0.3051 | -0.2418 | -0.5414 | JIZ | FUJ | SGN |
| 1388 | 2000/07/23,18:18 | 34.2 | 139.3 | 5 | 3.6 | 2.70e14 | 65.24 | near Niijima island | 128 | 56 | -107 | 336 | 37 | -67 | 0.2994 | 0.5387 | -0.3672 | 0.5564 | -0.1189 | -0.8557 | SGN | NAA | |
| 1389 | 2000/07/23,18:45 | 34.2 | 139.3 | 8 | 3.6 | 2.51e14 | 86.17 | near Niijima island | 266 | 89 | 174 | 357 | 84 | 1 | 0.1467 | 0.9863 | -0.1119 | -0.0976 | -0.0180 | -0.0490 | SGN | TTO | ONS |
| 1390 | 2000/07/23,19:00 | 34.2 | 139.3 | 5 | 5.2 | 7.17e16 | 95.44 | near Niijima island | 353 | 80 | -32 | 89 | 59 | -168 | 0.2196 | 0.8546 | -0.0016 | 0.0402 | 0.4748 | -0.2598 | JIZ | FUJ | SGN |
| 1391 | 2000/07/23,19:04 | 34.2 | 139.4 | 5 | 4.9 | 2.42e16 | 92.34 | near Miyakejima island | 311 | 57 | -96 | 141 | 34 | -81 | 0.4461 | 0.4440 | 0.3418 | 0.4758 | 0.2149 | -0.9220 | JIZ | SGN | NAA |
| 1392 | 2000/07/23,19:11 | 34.2 | 139.3 | 5 | 4.6 | 7.95e15 | 92.77 | near Niijima island | 354 | 80 | -38 | 92 | 52 | -167 | 0.1609 | 0.8261 | 0.1082 | 0.1628 | 0.5296 | -0.3238 | JIZ | FUJ | SGN |
| 1393 | 2000/07/23,19:33 | 34.1 | 139.3 | 8 | 4.0 | 1.19e15 | 70.66 | near Miyakejima island | 174 | 89 | 66 | 81 | 24 | 177 | 0.0289 | 0.4046 | 0.1555 | -0.0921 | 0.9022 | 0.0632 | JIZ | SGN | |
| 1394 | 2000/07/23,19:38 | 34.2 | 139.3 | 5 | 3.8 | 6.54e14 | 70.56 | near Niijima island | 323 | 69 | -65 | 90 | 32 | -138 | 0.5878 | 0.4288 | 0.3098 | -0.0051 | 0.6169 | -0.5828 | JIZ | SGN | |
| 1395 | 2000/07/23,20:07 | 34.2 | 139.4 | 5 | 4.6 | 9.68e15 | 92.80 | near Miyakejima island | 322 | 70 | -70 | 95 | 28 | -133 | 0.5378 | 0.3912 | 0.3645 | 0.0539 | 0.6280 | -0.5918 | JIZ | FUJ | SGN |
| 1396 | 2000/07/23,20:22 | 34.3 | 139.2 | 5 | 4.2 | 2.10e15 | 90.57 | near Niijima island | 334 | 76 | -59 | 87 | 34 | -153 | 0.4467 | 0.5132 | 0.2636 | -0.0455 | 0.7027 | -0.4013 | JIZ | FUJ | SGN |
| 1397 | 2000/07/23,20:27 | 34.2 | 139.3 | 8 | 4.3 | 2.96e15 | 94.23 | near Niijima island | 357 | 86 | -6 | 88 | 84 | -176 | 0.2069 | 0.9913 | -0.0372 | 0.0404 | 0.0775 | -0.2473 | JIZ | FUJ | SGN |
| 1398 | 2000/07/23,20:34 | 34.2 | 139.3 | 5 | 4.3 | 3.25e15 | 93.74 | near Niijima island | 287 | 50 | -120 | 148 | 48 | -59 | 0.5698 | 0.5286 | 0.2533 | 0.2968 | -0.2732 | -0.8665 | JIZ | SGN | TTO |
| 1399 | 2000/07/23,20:47 | 34.2 | 139.3 | 5 | 3.9 | 7.33e14 | 59.02 | near Niijima island | 157 | 80 | -72 | 274 | 20 | -151 | 0.2356 | 0.3492 | -0.3325 | 0.0584 | -0.8342 | -0.2940 | JIZ | SGN | NAA |
| 1400 | 2000/07/23,20:53 | 34.2 | 139.4 | 5 | 4.6 | 8.32e15 | 88.97 | near Miyakejima island | 335 | 71 | -61 | 96 | 34 | -144 | 0.4322 | 0.5232 | 0.1740 | 0.0992 | 0.6767 | -0.5314 | JIZ | FUJ | SGN |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1401 | 2000/07/23,20:58 | 34.2 | 139.3 | 5 | 4.3 | 3.53e15 | 93.55 | near Niijima island | 151 | 60 | -64 | 287 | 39 | -127 | 0.4974 | 0.5695 | -0.0436 | 0.2676 | -0.4710 | -0.7650 | JIZ | SGN | TTO |
| 1402 | 2000/07/23,21:12 | 34.2 | 139.3 | 5 | 4.3 | 2.99e15 | 87.02 | near Niijima island | 322 | 61 | -82 | 125 | 30 | -105 | 0.4230 | 0.4634 | 0.2792 | 0.3922 | 0.4594 | -0.8152 | JIZ | FUJ | SGN |
| 1403 | 2000/07/23,21:19 | 34.2 | 139.3 | 5 | 4.4 | 4.76e15 | 94.95 | near Niijima island | 358 | 74 | -22 | 94 | 69 | -163 | 0.1324 | 0.9260 | -0.1531 | 0.1918 | 0.2587 | -0.3243 | JIZ | FUJ | SGN |
| 1404 | 2000/07/23,21:26 | 34.1 | 139.3 | 5 | 5.4 | 1.29e17 | 87.49 | near Miyakejima island | 348 | 73 | -49 | 96 | 43 | -155 | 0.2950 | 0.6358 | -0.0827 | 0.1243 | 0.6732 | -0.4193 | SGN | ONS | KZK |
| 1405 | 2000/07/23,21:36 | 34.2 | 139.3 | 5 | 4.7 | 1.25e16 | 89.33 | near Niijima island | 171 | 65 | -34 | 276 | 60 | -151 | 0.3180 | 0.9402 | 0.0106 | 0.2807 | -0.1639 | -0.5987 | JIZ | FUJ | SGN |
| 1406 | 2000/07/23,21:43 | 34.2 | 139.3 | 5 | 4.0 | 1.09e15 | 59.77 | near Niijima island | 143 | 73 | -52 | 254 | 41 | -153 | 0.7382 | 0.4451 | -0.2983 | -0.2860 | -0.5622 | -0.4522 | FUJ | SGN | ONS |
| 1407 | 2000/07/23,21:52 | 34.2 | 139.3 | 5 | 5.6 | 3.31e17 | 84.02 | near Niijima island | 316 | 46 | -106 | 159 | 46 | -73 | 0.2943 | 0.4169 | 0.1954 | 0.6999 | -0.1101 | -0.9942 | SGN | NAA | ONS |
| 1408 | 2000/07/23,22:22 | 34.2 | 139.2 | 20 | 4.5 | 6.09e15 | 88.45 | near Niijima island | 262 | 82 | -171 | 171 | 81 | -8 | 0.3442 | 0.9372 | 0.1222 | -0.2299 | -0.1383 | -0.1144 | JIZ | FUJ | SGN |
| 1409 | 2000/07/23,22:44 | 34.1 | 139.3 | 20 | 3.9 | 8.66e14 | 58.28 | near Miyakejima island | 188 | 86 | 23 | 97 | 67 | 175 | -0.2670 | 0.8882 | 0.0113 | 0.2106 | 0.3898 | 0.0564 | JIZ | SGN | |
| 1410 | 2000/07/23,23:06 | 34.2 | 139.3 | 5 | 4.3 | 2.91e15 | 91.35 | near Niijima island | 145 | 51 | -59 | 281 | 49 | -123 | 0.6744 | 0.5886 | 0.1338 | 0.1330 | -0.2822 | -0.8075 | JIZ | FUJ | SGN |
| 1411 | 2000/07/23,23:09 | 34.1 | 139.3 | 5 | 4.3 | 3.73e15 | 72.39 | near Miyakejima island | 165 | 86 | -82 | 282 | 10 | -152 | 0.1005 | 0.1577 | -0.2435 | 0.0590 | -0.9470 | -0.1595 | JIZ | SGN | |
| 1412 | 2000/07/23,23:25 | 34.1 | 139.3 | 11 | 4.0 | 1.28e15 | 84.14 | near Miyakejima island | 8 | 90 | -18 | 98 | 72 | -180 | -0.2710 | 0.9125 | -0.0587 | 0.2442 | 0.3029 | 0.0268 | JIZ | SGN | NAA |
| 1413 | 2000/07/23,23:33 | 34.1 | 139.3 | 5 | 4.0 | 1.20e15 | 88.35 | near Miyakejima island | 343 | 78 | -37 | 81 | 54 | -166 | 0.4760 | 0.7349 | 0.0723 | -0.1964 | 0.5317 | -0.2796 | JIZ | FUJ | SGN |
| 1414 | 2000/07/23,23:35 | 34.1 | 139.3 | 8 | 3.7 | 3.71e14 | 62.72 | near Miyakejima island | 247 | 82 | -165 | 155 | 75 | -8 | 0.7987 | 0.6322 | 0.1714 | -0.6532 | -0.1865 | -0.1455 | SGN | TTO | |
| 1415 | 2000/07/23,23:41 | 34.2 | 139.4 | 5 | 4.2 | 2.43e15 | 69.37 | near Miyakejima island | 176 | 66 | -32 | 280 | 61 | -152 | 0.1709 | 0.9155 | 0.0702 | 0.3905 | -0.1972 | -0.5613 | SGN | TTO | NAA |
| 1416 | 2000/07/23,23:54 | 34.1 | 139.3 | 11 | 3.8 | 5.33e14 | 77.66 | near Miyakejima island | 97 | 87 | -173 | 7 | 83 | -3 | -0.2352 | 0.9626 | -0.1198 | 0.2423 | 0.0444 | -0.0070 | JIZ | FUJ | SGN |
| 1417 | 2000/07/23,23:58 | 34.3 | 139.2 | 5 | 4.0 | 1.18e15 | 76.48 | near Niijima island | 227 | 64 | -48 | 343 | 48 | -144 | -0.2355 | -0.2631 | 0.6609 | 0.8055 | -0.0454 | -0.5700 | SGN | TTO | NAA |
| 1418 | 2000/07/24,00:03 | 34.1 | 139.3 | 5 | 4.1 | 1.55e15 | 89.19 | near Miyakejima island | 348 | 64 | -49 | 105 | 47 | -144 | 0.2445 | 0.7170 | -0.1052 | 0.3523 | 0.4715 | -0.5967 | FUJ | SGN | TTO |
| 1419 | 2000/07/24,00:12 | 34.2 | 135.1 | 8 | 3.3 | 1.11e14 | 60.12 | NW Wakayama pref | 232 | 63 | 130 | 350 | 47 | 38 | 0.1295 | 0.3554 | -0.6487 | -0.7522 | -0.0094 | 0.6226 | ISI | KIS | |
| 1420 | 2000/07/24,00:22 | 34.1 | 139.3 | 5 | 3.7 | 4.07e14 | 58.51 | near Miyakejima island | 310 | 63 | -132 | 193 | 48 | -37 | -0.2965 | 0.5035 | 0.3780 | 0.8991 | 0.1384 | -0.6026 | FUJ | SGN | |
| 1421 | 2000/07/24,00:39 | 34.2 | 139.3 | 5 | 4.6 | 1.03e16 | 95.08 | near Niijima island | 349 | 73 | -29 | 88 | 63 | -160 | 0.3661 | 0.8503 | -0.1127 | -0.0255 | 0.3821 | -0.3406 | JIZ | FUJ | SGN |
| 1422 | 2000/07/24,01:44 | 34.2 | 139.3 | 20 | 4.0 | 9.84e14 | 86.72 | near Niijima island | 3 | 75 | -23 | 100 | 67 | -163 | -0.0778 | 0.8766 | -0.2300 | 0.3228 | 0.3097 | -0.2449 | FUJ | SGN | NAA |
| 1423 | 2000/07/24,01:50 | 34.2 | 139.3 | 5 | 3.8 | 6.52e14 | 54.94 | near Niijima island | 158 | 83 | -77 | 275 | 15 | -152 | 0.1574 | 0.2714 | -0.3489 | 0.0524 | -0.8776 | -0.2098 | SGN | TTO | |
| 1424 | 2000/07/24,02:07 | 34.2 | 139.3 | 5 | 3.9 | 7.47e14 | 88.13 | near Niijima island | 146 | 53 | -51 | 273 | 52 | -130 | 0.7086 | 0.5699 | 0.1832 | 0.0299 | -0.3479 | -0.7385 | FUJ | SGN | TTO |
| 1425 | 2000/07/24,02:58 | 34.1 | 139.3 | 17 | 4.1 | 1.55e15 | 84.39 | near Miyakejima island | 83 | 89 | -177 | 353 | 87 | -1 | 0.2236 | 0.9711 | -0.0518 | -0.2335 | 0.0297 | 0.0099 | JIZ | SGN | TTO |
| 1426 | 2000/07/24,06:28 | 34.2 | 139.3 | 5 | 4.3 | 3.47e15 | 95.08 | near Niijima island | 157 | 67 | -35 | 262 | 58 | -152 | 0.6206 | 0.6881 | 0.1174 | -0.1830 | -0.4589 | -0.4376 | JIZ | FUJ | SGN |
| 1427 | 2000/07/24,06:43 | 34.1 | 139.3 | 14 | 4.1 | 1.33e15 | 84.72 | near Miyakejima island | 6 | 82 | -27 | 99 | 63 | -171 | -0.1430 | 0.8658 | -0.0742 | 0.3595 | 0.4104 | -0.2165 | JIZ | SGN | TTO |
| 1428 | 2000/07/24,08:44 | 34.4 | 139.3 | 5 | 5.0 | 3.41e16 | 77.19 | near Niijima island | 168 | 53 | -71 | 318 | 41 | -113 | 0.0569 | 0.5011 | 0.0837 | 0.7954 | -0.2798 | -0.8523 | SGN | ONS | NAA |
| 1429 | 2000/07/24,09:04 | 34.1 | 139.3 | 17 | 5.1 | 4.98e16 | 83.66 | near Miyakejima island | 10 | 85 | -6 | 100 | 84 | -175 | -0.2307 | 0.9313 | -0.0632 | 0.4639 | 0.0578 | -0.2333 | SGN | NAA | ONS |
| 1430 | 2000/07/24,09:10 | 34.1 | 139.3 | 5 | 4.5 | 5.44e15 | 90.36 | near Miyakejima island | 154 | 70 | -48 | 265 | 46 | -151 | 0.5833 | 0.6463 | -0.1079 | -0.0879 | -0.5368 | -0.4954 | JIZ | FUJ | SGN |
| 1431 | 2000/07/24,10:11 | 34.1 | 139.3 | 5 | 3.9 | 8.42e14 | 83.11 | near Miyakejima island | 139 | 65 | -53 | 259 | 43 | -142 | 0.8210 | 0.4252 | -0.1795 | -0.2102 | -0.4984 | -0.6107 | JIZ | FUJ | SGN |
| 1432 | 2000/07/24,10:43 | 34.2 | 139.3 | 5 | 3.9 | 8.96e14 | 72.77 | near Niijima island | 297 | 49 | -110 | 146 | 45 | -69 | 0.5331 | 0.5119 | 0.2266 | 0.4074 | -0.1388 | -0.9405 | JIZ | FUJ | SGN |
| 1433 | 2000/07/24,12:16 | 34.2 | 139.3 | 5 | 3.6 | 3.17e14 | 83.32 | near Niijima island | 153 | 77 | -63 | 267 | 30 | -152 | 0.3988 | 0.4835 | -0.3309 | -0.0260 | -0.7178 | -0.3729 | JIZ | SGN | TTO |
| 1434 | 2000/07/24,14:45 | 34.2 | 139.3 | 8 | 3.7 | 3.99e14 | 57.70 | near Niijima island | 254 | 67 | 129 | 11 | 44 | 35 | -0.2137 | 0.6075 | -0.6078 | -0.3531 | -0.1292 | 0.5668 | SGN | NAA | |
| 1435 | 2000/07/24,16:09 | 34.2 | 139.3 | 5 | 3.8 | 5.29e14 | 89.80 | near Niijima island | 308 | 59 | -99 | 145 | 32 | -75 | 0.4091 | 0.4509 | 0.4120 | 0.4685 | 0.2182 | -0.8776 | SGN | NAA | ONS |
| 1436 | 2000/07/24,17:31 | 34.3 | 139.1 | 20 | 3.6 | 3.33e14 | 87.77 | near Niijima island | 60 | 65 | 28 | 317 | 64 | 152 | -0.9846 | -0.2514 | 0.0786 | 0.5996 | -0.4377 | 0.3850 | JIZ | FUJ | TTO |
| 1437 | 2000/07/24,17:50 | 34.5 | 139.2 | 5 | 3.8 | 5.49e14 | 84.24 | near Niijima island | 9 | 83 | -36 | 105 | 55 | -171 | -0.2581 | 0.7393 | -0.2033 | 0.4001 | 0.5372 | -0.1420 | FUJ | SGN | NAA |
| 1438 | 2000/07/24,19:30 | 34.2 | 139.3 | 5 | 3.9 | 8.05e14 | 93.01 | near Niijima island | 167 | 75 | -63 | 284 | 31 | -150 | 0.2159 | 0.4888 | -0.0579 | 0.2224 | -0.7827 | -0.4383 | JIZ | SGN | TTO |
| 1439 | 2000/07/25,03:26 | 34.2 | 139.4 | 20 | 4.0 | 1.15e15 | 86.28 | near Miyakejima island | 103 | 81 | -171 | 12 | 81 | -9 | -0.3186 | 0.8931 | -0.1432 | 0.5056 | 0.0900 | -0.1871 | JIZ | SGN | NAA |
| 1440 | 2000/07/25,03:38 | 34.2 | 139.3 | 5 | 3.9 | 7.83e14 | 88.56 | near Niijima island | 158 | 53 | -61 | 295 | 45 | -123 | 0.3857 | 0.5765 | 0.1651 | 0.4524 | -0.3340 | -0.8382 | JIZ | SGN | ONS |
| 1441 | 2000/07/25,05:36 | 34.1 | 139.3 | 5 | 4.3 | 3.73e15 | 92.29 | near Miyakejima island | 151 | 67 | -67 | 284 | 32 | -133 | 0.4668 | 0.4611 | -0.1588 | 0.2073 | -0.6377 | -0.6742 | JIZ | SGN | TTO |
| 1442 | 2000/07/25,05:44 | 34.2 | 139.4 | 5 | 4.5 | 5.38e15 | 94.11 | near Miyakejima island | 334 | 80 | -56 | 79 | 36 | -162 | 0.4682 | 0.4940 | 0.2851 | -0.1828 | 0.7146 | -0.2854 | JIZ | FUJ | SGN |
| 1443 | 2000/07/25,06:55 | 34.1 | 139.3 | 5 | 4.4 | 4.45e15 | 91.57 | near Miyakejima island | 165 | 70 | -55 | 281 | 40 | -148 | 0.2515 | 0.6636 | -0.0533 | 0.2622 | -0.6127 | -0.5137 | JIZ | FUJ | SGN |
| 1444 | 2000/07/25,07:12 | 34.1 | 139.3 | 5 | 5.0 | 4.07e16 | 92.45 | near Miyakejima island | 338 | 64 | -66 | 112 | 35 | -130 | 0.3484 | 0.5220 | 0.0408 | 0.3672 | 0.5832 | -0.7155 | JIZ | FUJ | SGN |
| 1445 | 2000/07/25,07:32 | 34.1 | 139.4 | 11 | 4.2 | 2.34e15 | 93.15 | near Miyakejima island | 359 | 81 | -10 | 90 | 80 | -170 | 0.0916 | 0.9735 | -0.1329 | 0.0510 | 0.1473 | -0.1426 | JIZ | SGN | TTO |
| 1446 | 2000/07/25,07:36 | 34.1 | 139.4 | 8 | 3.7 | 4.29e14 | 75.65 | near Miyakejima island | 18 | 88 | -14 | 109 | 76 | -178 | -0.5907 | 0.7715 | -0.1094 | 0.5819 | 0.2204 | 0.0088 | SGN | NAA | ONS |
| 1447 | 2000/07/25,07:54 | 34.1 | 139.3 | 8 | 3.5 | 2.28e14 | 56.24 | near Miyakejima island | 110 | 88 | -159 | 19 | 69 | -2 | -0.4724 | 0.7398 | -0.3070 | 0.6704 | -0.1972 | -0.1980 | FUJ | SGN | |
| 1448 | 2000/07/25,08:10 | 34.2 | 139.4 | 5 | 4.9 | 2.58e16 | 91.58 | near Miyakejima island | 109 | 53 | -129 | 343 | 52 | -50 | 0.3412 | 0.6772 | -0.2900 | 0.3951 | 0.2440 | -0.7363 | JIZ | SGN | NAA |
| 1449 | 2000/07/25,08:27 | 34.1 | 139.3 | 5 | 4.0 | 1.20e15 | 54.09 | near Miyakejima island | 170 | 86 | -84 | 294 | 8 | -145 | 0.1178 | 0.1087 | -0.1487 | 0.0723 | -0.9743 | -0.1902 | JIZ | SGN | TTO |
| 1450 | 2000/07/25,08:43 | 34.1 | 139.4 | 23 | 3.8 | 5.55e14 | 52.44 | near Miyakejima island | 330 | 89 | -41 | 61 | 49 | -178 | 0.6618 | 0.3677 | 0.2628 | -0.6632 | 0.6002 | 0.0014 | JIZ | SGN | |
| 1451 | 2000/07/25,09:30 | 34.2 | 139.4 | 5 | 4.2 | 1.96e15 | 87.50 | near Miyakejima island | 294 | 55 | -105 | 139 | 37 | -69 | 0.5837 | 0.4080 | 0.3931 | 0.3638 | -0.0239 | -0.9474 | JIZ | SGN | ONS |
| 1452 | 2000/07/25,09:47 | 34.2 | 139.3 | 8 | 3.7 | 3.83e14 | 61.57 | near Niijima island | 317 | 67 | -114 | 185 | 33 | -46 | -0.0371 | 0.2640 | 0.5837 | 0.7131 | 0.3284 | -0.6760 | FUJ | SGN | NAA |
| 1453 | 2000/07/25,11:18 | 34.1 | 139.4 | 11 | 4.7 | 1.49e16 | 93.69 | near Miyakejima island | 11 | 79 | -18 | 104 | 72 | -169 | -0.3170 | 0.8479 | -0.1849 | 0.4996 | 0.2402 | -0.1826 | JIZ | FUJ | SGN |
| 1454 | 2000/07/25,11:46 | 34.2 | 139.3 | 5 | 4.0 | 9.69e14 | 95.52 | near Niijima island | 350 | 89 | -12 | 80 | 78 | -179 | 0.4109 | 0.9267 | 0.0721 | -0.2281 | 0.1881 | -0.1828 | JIZ | FUJ | SGN |
| 1455 | 2000/07/25,12:08 | 34.2 | 139.3 | 5 | 3.9 | 8.88e14 | 93.24 | near Niijima island | 340 | 77 | -60 | 92 | 33 | -154 | 0.3565 | 0.5013 | 0.1587 | 0.0338 | 0.7639 | -0.3902 | JIZ | SGN | ONS |
| 1456 | 2000/07/25,13:55 | 34.1 | 139.4 | 11 | 4.5 | 5.57e15 | 93.09 | near Miyakejima island | 98 | 80 | -164 | 5 | 74 | -10 | -0.1059 | 0.9325 | -0.2491 | 0.3142 | 0.0697 | -0.2083 | JIZ | FUJ | SGN |
| 1457 | 2000/07/25,14:18 | 34.2 | 139.3 | 5 | 3.7 | 3.86e14 | 81.81 | near Niijima island | 319 | 49 | -98 | 150 | 41 | -81 | 0.3694 | 0.4086 | 0.1744 | 0.6532 | 0.0477 | -1.0226 | JIZ | SGN | NAA |
| 1458 | 2000/07/25,15:16 | 34.3 | 139.3 | 5 | 3.9 | 6.91e14 | 94.93 | near Niijima island | 346 | 67 | -46 | 98 | 48 | -148 | 0.3314 | 0.6978 | -0.1137 | 0.1965 | 0.5354 | -0.5279 | JIZ | FUJ | SGN |
| 1459 | 2000/07/25,17:42 | 34.1 | 139.3 | 8 | 3.5 | 2.26e14 | 61.80 | near Miyakejima island | 209 | 81 | 32 | 113 | 59 | 169 | -0.7840 | 0.5568 | -0.1961 | 0.5376 | 0.4360 | 0.2464 | JIZ | FUJ | NAA |
| 1460 | 2000/07/25,18:36 | 34.1 | 139.4 | 5 | 5.2 | 6.85e16 | 91.48 | near Miyakejima island | 343 | 71 | -29 | 84 | 63 | -159 | 0.4678 | 0.7620 | -0.1803 | -0.1907 | 0.4710 | -0.2770 | FUJ | SGN | ONS |
| 1461 | 2000/07/25,18:48 | 34.1 | 139.4 | 14 | 4.3 | 3.73e15 | 86.00 | near Miyakejima island | 191 | 87 | 13 | 100 | 77 | 177 | -0.2863 | 0.9054 | 0.0619 | 0.4043 | 0.2555 | -0.1180 | JIZ | SGN | NAA |
| 1462 | 2000/07/25,18:57 | 34.1 | 139.4 | 5 | 4.4 | 4.23e15 | 95.55 | near Miyakejima island | 75 | 75 | -154 | 338 | 65 | -17 | 0.6698 | 0.7051 | -0.2967 | -0.3983 | 0.2764 | -0.2715 | JIZ | FUJ | SGN |
| 1463 | 2000/07/25,19:00 | 34.1 | 139.4 | 11 | 4.3 | 3.55e15 | 91.20 | near Miyakejima island | 11 | 87 | -17 | 102 | 73 | -177 | -0.3170 | 0.8813 | -0.0686 | 0.4328 | 0.2757 | -0.1157 | JIZ | SGN | NAA |
| 1464 | 2000/07/25,19:06 | 34.1 | 139.4 | 23 | 3.7 | 4.25e14 | 62.75 | near Miyakejima island | 358 | 63 | 38 | 249 | 56 | 147 | 0.0458 | 0.7008 | -0.3280 | -0.5568 | -0.3412 | 0.5110 | JIZ | SGN | |
| 1465 | 2000/07/25,19:15 | 34.2 | 139.4 | 8 | 4.4 | 4.16e15 | 91.08 | near Miyakejima island | 353 | 83 | -15 | 85 | 75 | -173 | 0.2892 | 0.9512 | -0.0349 | -0.0787 | 0.2240 | -0.2106 | JIZ | FUJ | SGN |
| 1466 | 2000/07/25,19:18 | 34.1 | 139.4 | 5 | 4.3 | 3.21e15 | 95.93 | near Miyakejima island | 338 | 79 | -37 | 76 | 54 | -167 | 0.5691 | 0.6405 | 0.0548 | -0.3633 | 0.5814 | -0.2059 | JIZ | FUJ | SGN |
| 1467 | 2000/07/25,19:21 | 34.1 | 139.3 | 8 | 4.1 | 1.36e15 | 93.73 | near Miyakejima island | 100 | 88 | -164 | 10 | 74 | -2 | -0.3277 | 0.8980 | -0.2761 | 0.3423 | -0.0178 | -0.0147 | JIZ | SGN | TTO |
| 1468 | 2000/07/25,19:41 | 34.1 | 139.3 | 8 | 3.6 | 2.43e14 | 66.54 | near Miyakejima island | 8 | 73 | -18 | 103 | 73 | -162 | -0.2974 | 0.8295 | -0.3888 | 0.3509 | 0.2667 | -0.0535 | JIZ | SGN | NAA |
| 1469 | 2000/07/25,19:46 | 34.1 | 139.4 | 8 | 3.6 | 3.10e14 | 67.62 | near Miyakejima island | 231 | 57 | 117 | 7 | 42 | 55 | -0.1059 | 0.4795 | -0.4339 | -0.7028 | 0.0417 | 0.8087 | JIZ | SGN | TTO |
| 1470 | 2000/07/25,20:18 | 34.2 | 139.4 | 8 | 4.2 | 2.21e15 | 93.05 | near Miyakejima island | 2 | 83 | -24 | 95 | 66 | -173 | -0.0237 | 0.9093 | -0.0612 | 0.1919 | 0.3831 | -0.1682 | JIZ | FUJ | SGN |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1471 | 2000/07/25,23:02 | 36.4 | 142.6 | 8 | 4.1 | 1.39e15 | 71.06 | far E off Kanto | 5 | 58 | 73 | 214 | 36 | 114 | 0.0935 | 0.3617 | -0.0609 | -0.8885 | -0.4135 | 0.7950 | YMZ | KSN | ONS |
| 1472 | 2000/07/25,23:20 | 32.0 | 141.3 | 50 | 4.0 | 1.03e15 | 71.51 | E off Hachijojima island | 334 | 83 | -92 | 167 | 7 | -77 | 0.0207 | 0.0844 | 0.4300 | 0.2253 | 0.8632 | -0.2459 | JIZ | | |
| 1473 | 2000/07/26,07:24 | 33.7 | 133.5 | 5 | 3.8 | 5.97e14 | 89.35 | mid Kochi pref | 40 | 90 | -161 | 310 | 71 | -0 | 0.8997 | -0.1680 | -0.1745 | -0.9648 | 0.2695 | 0.0651 | UMJ | ISI | |
| 1474 | 2000/07/26,08:55 | 34.1 | 139.3 | 8 | 4.1 | 1.80e15 | 92.01 | near Miyakejima island | 14 | 82 | -33 | 109 | 57 | -171 | -0.3873 | 0.6902 | -0.2110 | 0.5525 | 0.4898 | -0.1653 | JIZ | FUJ | SGN |
| 1475 | 2000/07/26,10:09 | 34.2 | 139.3 | 5 | 5.1 | 4.69e16 | 94.42 | near Niijima island | 147 | 54 | -65 | 289 | 43 | -120 | 0.5632 | 0.5143 | 0.0625 | 0.3054 | -0.3846 | -0.8686 | JIZ | FUJ | SGN |
| 1476 | 2000/07/26,10:34 | 34.1 | 139.4 | 5 | 4.1 | 1.66e15 | 90.12 | near Miyakejima island | 145 | 63 | -45 | 260 | 51 | -144 | 0.7527 | 0.4657 | 0.0579 | -0.1840 | -0.5635 | -0.5686 | JIZ | FUJ | SGN |
| 1477 | 2000/07/26,10:53 | 34.2 | 139.2 | 8 | 4.4 | 3.78e15 | 94.55 | near Niijima island | 102 | 83 | -164 | 10 | 74 | -7 | -0.3204 | 0.8876 | -0.2835 | 0.3809 | 0.0642 | -0.0605 | JIZ | SGN | NAA |
| 1478 | 2000/07/26,17:19 | 33.8 | 139.3 | 5 | 3.6 | 2.54e14 | 65.63 | near Miyakejima island | 166 | 51 | -81 | 332 | 39 | -101 | 0.1040 | 0.3387 | 0.0343 | 0.8555 | -0.2367 | -0.9594 | JIZ | SGN | NAA |
| 1479 | 2000/07/27,01:49 | 34.2 | 139.4 | 5 | 5.5 | 2.18e17 | 87.61 | near Miyakejima island | 170 | 68 | -30 | 272 | 63 | -156 | 0.3711 | 0.9302 | 0.0323 | 0.1716 | -0.2040 | -0.5427 | FUJ | SGN | NAA |
| 1480 | 2000/07/27,02:12 | 34.2 | 139.3 | 5 | 5.4 | 1.31e17 | 85.95 | near Niijima island | 143 | 47 | -79 | 307 | 45 | -101 | 0.4915 | 0.5118 | 0.0704 | 0.4859 | -0.1218 | -0.9774 | FUJ | SGN | NAA |
| 1481 | 2000/07/27,02:15 | 34.2 | 139.3 | 5 | 4.7 | 1.32e16 | 62.99 | near Niijima island | 143 | 46 | -81 | 310 | 45 | -99 | 0.4738 | 0.4818 | 0.0800 | 0.5278 | -0.0921 | -1.0016 | JIZ | SGN | |
| 1482 | 2000/07/27,02:27 | 34.1 | 139.3 | 5 | 4.3 | 3.43e15 | 81.05 | near Miyakejima island | 158 | 59 | -51 | 280 | 48 | -136 | 0.4781 | 0.6370 | 0.1389 | 0.2057 | -0.4548 | -0.6838 | JIZ | FUJ | SGN |
| 1483 | 2000/07/27,02:43 | 34.1 | 139.3 | 5 | 4.2 | 2.01e15 | 72.39 | near Miyakejima island | 184 | 85 | 69 | 83 | 21 | 167 | -0.1219 | 0.3488 | -0.0034 | -0.0536 | 0.9286 | 0.1755 | JIZ | SGN | |
| 1484 | 2000/07/27,04:37 | 34.2 | 139.3 | 5 | 4.5 | 6.09e15 | 94.15 | near Niijima island | 156 | 63 | -54 | 277 | 44 | -140 | 0.5048 | 0.5793 | 0.0632 | 0.1461 | -0.5585 | -0.6508 | JIZ | FUJ | SGN |
| 1485 | 2000/07/27,06:07 | 34.4 | 139.3 | 5 | 4.7 | 1.17e16 | 93.93 | near Niijima island | 114 | 89 | -166 | 23 | 76 | -1 | -0.5778 | 0.6705 | -0.1862 | 0.8259 | -0.1739 | -0.2481 | JIZ | FUJ | SGN |
| 1486 | 2000/07/27,06:12 | 34.5 | 139.2 | 8 | 4.1 | 1.58e15 | 87.70 | near Niijima island | 126 | 81 | 156 | 220 | 66 | 10 | -0.8835 | 0.2279 | 0.2071 | 0.8428 | 0.4195 | 0.0407 | FUJ | SGN | TTO |
| 1487 | 2000/07/27,11:24 | 43.5 | 147.4 | 47 | 4.3 | 3.12e15 | 78.68 | E off Hokkaido | 248 | 89 | -109 | 156 | 19 | -3 | 0.2401 | 0.2352 | 0.8755 | -0.2021 | -0.3616 | -0.0380 | NMR | URH | |
| 1488 | 2000/07/27,16:31 | 43.8 | 148.3 | 41 | 4.4 | 4.79e15 | 83.20 | SE off Etorofu | 60 | 73 | 108 | 192 | 25 | 45 | -0.1436 | 0.3382 | 0.7424 | -0.4220 | -0.2808 | 0.5656 | NMR | URH | |
| 1489 | 2000/07/27,17:11 | 33.9 | 139.3 | 5 | 4.1 | 1.62e15 | 92.31 | near Miyakejima island | 26 | 81 | -30 | 121 | 60 | -170 | -0.6406 | 0.4588 | -0.3024 | 0.8178 | 0.3803 | -0.1772 | JIZ | FUJ | SGN |
| 1490 | 2000/07/27,19:22 | 34.2 | 139.2 | 5 | 3.9 | 8.76e14 | 95.63 | near Niijima island | 337 | 81 | 23 | 243 | 67 | 171 | 0.6359 | 0.5897 | -0.2632 | -0.7609 | -0.2874 | 0.1251 | JIZ | FUJ | SGN |
| 1491 | 2000/07/27,20:41 | 34.2 | 139.3 | 5 | 3.9 | 7.93e14 | 83.99 | near Niijima island | 208 | 84 | 61 | 107 | 29 | 167 | -0.4136 | 0.3731 | -0.3873 | 0.2378 | 0.7647 | 0.1758 | JIZ | FUJ | SGN |
| 1492 | 2000/07/28,00:56 | 34.3 | 139.3 | 8 | 3.5 | 2.19e14 | 87.50 | near Niijima island | 166 | 89 | 27 | 76 | 63 | 179 | 0.4607 | 0.7965 | 0.2557 | -0.3166 | 0.4099 | -0.1442 | JIZ | FUJ | SGN |
| 1493 | 2000/07/28,02:50 | 34.2 | 139.3 | 20 | 3.6 | 2.61e14 | 79.71 | near Niijima island | 148 | 62 | -36 | 257 | 59 | -147 | 0.8329 | 0.5677 | 0.1029 | -0.3064 | -0.3891 | -0.5265 | JIZ | SGN | TTO |
| 1494 | 2000/07/28,04:39 | 34.3 | 139.3 | 5 | 4.9 | 2.56e16 | 86.31 | near Niijima island | 146 | 69 | -43 | 254 | 50 | -153 | 0.7703 | 0.4583 | -0.0678 | -0.3217 | -0.5820 | -0.4486 | JIZ | FUJ | SGN |
| 1495 | 2000/07/28,04:53 | 34.1 | 139.4 | 5 | 4.2 | 2.01e15 | 94.38 | near Miyakejima island | 141 | 58 | -57 | 270 | 44 | -131 | 0.7592 | 0.4877 | -0.0340 | -0.0160 | -0.4410 | -0.7432 | JIZ | FUJ | SGN |
| 1496 | 2000/07/28,06:53 | 34.3 | 139.3 | 5 | 3.9 | 6.95e14 | 94.60 | near Niijima island | 146 | 74 | -23 | 243 | 68 | -163 | 0.9463 | 0.4548 | -0.0128 | -0.6439 | -0.3302 | -0.3024 | JIZ | FUJ | SGN |
| 1497 | 2000/07/28,08:20 | 37.0 | 141.6 | 32 | 3.5 | 1.72e14 | 69.53 | E off Fukushima pref | 35 | 67 | 76 | 247 | 27 | 119 | -0.5067 | 0.2623 | 0.2472 | -0.2891 | -0.6489 | 0.7958 | YMZ | SBT | KSN |
| 1498 | 2000/07/28,11:01 | 34.1 | 139.3 | 11 | 3.3 | 1.17e14 | 61.00 | near Miyakejima island | 127 | 81 | -167 | 35 | 77 | -9 | -0.7832 | 0.2940 | -0.1690 | 1.0847 | -0.0547 | -0.3015 | FUJ | NAA | |
| 1499 | 2000/07/28,12:20 | 34.1 | 139.3 | 5 | 4.1 | 1.45e15 | 92.94 | near Miyakejima island | 161 | 71 | -60 | 281 | 36 | -145 | 0.2790 | 0.6259 | -0.1482 | 0.2301 | -0.6390 | -0.5090 | JIZ | SGN | TTO |
| 1500 | 2000/07/28,13:06 | 34.1 | 139.4 | 5 | 4.9 | 2.13e16 | 92.53 | near Miyakejima island | 348 | 78 | -20 | 82 | 70 | -168 | 0.4141 | 0.8714 | -0.0856 | -0.2235 | 0.3265 | -0.1906 | JIZ | FUJ | SGN |
| 1501 | 2000/07/28,13:32 | 34.2 | 139.4 | 5 | 5.1 | 4.40e16 | 92.47 | near Miyakejima island | 329 | 75 | -69 | 94 | 25 | -142 | 0.4059 | 0.4077 | 0.3575 | 0.0531 | 0.7212 | -0.4590 | JIZ | FUJ | SGN |
| 1502 | 2000/07/28,16:17 | 34.5 | 139.2 | 5 | 3.7 | 4.33e14 | 93.47 | near Niijima island | 122 | 85 | -157 | 30 | 67 | -5 | -0.7108 | 0.4603 | -0.3076 | 0.8957 | -0.1995 | -0.1849 | FUJ | SGN | TTO |
| 1503 | 2000/07/28,16:31 | 34.2 | 139.3 | 5 | 3.8 | 6.05e14 | 93.27 | near Niijima island | 344 | 74 | -52 | 94 | 41 | -155 | 0.3335 | 0.6334 | 0.0313 | 0.0919 | 0.6706 | -0.4253 | JIZ | FUJ | SGN |
| 1504 | 2000/07/28,16:39 | 34.1 | 139.3 | 5 | 4.2 | 2.05e15 | 92.77 | near Miyakejima island | 158 | 69 | -63 | 283 | 34 | -139 | 0.3864 | 0.5028 | -0.0940 | 0.2189 | -0.6758 | -0.6054 | JIZ | FUJ | SGN |
| 1505 | 2000/07/28,16:48 | 34.2 | 139.4 | 5 | 4.5 | 6.79e15 | 94.33 | near Miyakejima island | 336 | 65 | -58 | 100 | 40 | -139 | 0.4526 | 0.5940 | 0.0482 | 0.1842 | 0.5698 | -0.6369 | JIZ | FUJ | SGN |
| 1506 | 2000/07/28,18:41 | 34.2 | 139.3 | 5 | 4.4 | 5.27e15 | 94.29 | near Niijima island | 146 | 58 | -51 | 270 | 49 | -135 | 0.7166 | 0.5566 | 0.0800 | -0.0199 | -0.4308 | -0.6968 | JIZ | FUJ | SGN |
| 1507 | 2000/07/28,19:02 | 34.2 | 139.3 | 5 | 3.6 | 2.45e14 | 71.13 | near Niijima island | 150 | 62 | -78 | 304 | 30 | -112 | 0.3907 | 0.4113 | -0.1821 | 0.4337 | -0.5389 | -0.8243 | JIZ | SGN | ONS |
| 1508 | 2000/07/28,19:11 | 34.2 | 139.3 | 5 | 3.8 | 6.60e14 | 92.47 | near Niijima island | 314 | 52 | -92 | 138 | 38 | -87 | 0.4651 | 0.4780 | 0.2027 | 0.5039 | 0.1597 | -0.9690 | JIZ | SGN | ONS |
| 1509 | 2000/07/28,19:28 | 34.2 | 139.3 | 5 | 3.8 | 5.16e14 | 63.86 | near Niijima island | 342 | 63 | -67 | 118 | 35 | -128 | 0.2283 | 0.5629 | 0.0554 | 0.4726 | 0.5538 | -0.7009 | JIZ | SGN | NAA |
| 1510 | 2000/07/28,19:46 | 34.2 | 139.3 | 5 | 4.1 | 1.82e15 | 89.98 | near Niijima island | 309 | 51 | -95 | 137 | 40 | -83 | 0.5281 | 0.4775 | 0.1898 | 0.4609 | 0.0724 | -0.9890 | JIZ | FUJ | SGN |
| 1511 | 2000/07/28,19:57 | 34.2 | 139.3 | 5 | 3.8 | 5.54e14 | 82.45 | near Niijima island | 145 | 69 | -74 | 286 | 26 | -125 | 0.4616 | 0.3533 | -0.3329 | 0.1885 | -0.6549 | -0.6501 | SGN | TTO | ONS |
| 1512 | 2000/07/28,20:00 | 34.3 | 139.1 | 11 | 3.9 | 8.15e14 | 90.24 | near Niijima island | 329 | 84 | 159 | 61 | 69 | 6 | -0.7704 | -0.4471 | -0.0340 | 0.8444 | -0.4103 | -0.0740 | JIZ | FUJ | SGN |
| 1513 | 2000/07/28,20:09 | 34.2 | 139.2 | 14 | 3.8 | 5.89e14 | 85.93 | near Niijima island | 323 | 89 | 158 | 53 | 68 | 1 | -0.8417 | -0.2332 | -0.1651 | 0.9449 | -0.3554 | -0.1032 | JIZ | FUJ | TTO |
| 1514 | 2000/07/28,20:14 | 34.1 | 139.3 | 8 | 4.1 | 1.46e15 | 94.81 | near Miyakejima island | 347 | 84 | -9 | 77 | 81 | -174 | 0.5155 | 0.8892 | -0.0260 | -0.3464 | 0.1502 | -0.1691 | JIZ | FUJ | SGN |
| 1515 | 2000/07/28,20:16 | 34.2 | 139.3 | 5 | 4.0 | 9.91e14 | 84.03 | near Niijima island | 126 | 49 | -86 | 300 | 42 | -95 | 0.6929 | 0.4006 | -0.0649 | 0.3364 | -0.1182 | -1.0294 | JIZ | FUJ | SGN |
| 1516 | 2000/07/28,20:28 | 34.2 | 139.3 | 5 | 3.9 | 7.60e14 | 81.17 | near Niijima island | 141 | 77 | -84 | 295 | 14 | -116 | 0.2674 | 0.2478 | -0.5455 | 0.1550 | -0.7106 | -0.4224 | JIZ | SGN | ONS |
| 1517 | 2000/07/28,21:16 | 34.2 | 139.3 | 5 | 4.2 | 2.47e15 | 71.19 | near Niijima island | 154 | 79 | -61 | 262 | 31 | -159 | 0.4172 | 0.4455 | -0.3161 | -0.1123 | -0.7501 | -0.3049 | JIZ | FUJ | SGN |
| 1518 | 2000/07/28,21:32 | 34.1 | 139.3 | 29 | 4.1 | 1.46e15 | 63.48 | near Miyakejima island | 20 | 89 | -23 | 110 | 67 | -179 | -0.5831 | 0.6969 | -0.1312 | 0.6181 | 0.3654 | -0.0350 | JIZ | SGN | ONS |
| 1519 | 2000/07/28,22:09 | 34.1 | 139.3 | 5 | 3.9 | 9.28e14 | 82.09 | near Miyakejima island | 154 | 75 | -47 | 259 | 45 | -159 | 0.5979 | 0.5539 | -0.1328 | -0.2294 | -0.6355 | -0.3685 | JIZ | SGN | ONS |
| 1520 | 2000/07/28,22:18 | 34.2 | 139.4 | 5 | 5.0 | 3.25e16 | 92.29 | near Miyakejima island | 154 | 74 | -67 | 278 | 28 | -143 | 0.3708 | 0.4539 | -0.2642 | 0.1148 | -0.7304 | -0.4856 | JIZ | SGN | TTO |
| 1521 | 2000/07/28,22:34 | 34.1 | 139.3 | 32 | 4.0 | 1.09e15 | 66.50 | near Miyakejima island | 98 | 89 | -175 | 8 | 85 | -1 | -0.1034 | 0.9567 | -0.0758 | 0.4666 | -0.0460 | -0.3632 | JIZ | FUJ | SGN |
| 1522 | 2000/07/28,23:02 | 34.2 | 139.3 | 8 | 3.8 | 5.68e14 | 89.57 | near Niijima island | 271 | 89 | -176 | 181 | 86 | -1 | 0.0593 | 0.9971 | 0.0654 | 0.1242 | -0.0003 | -0.1835 | JIZ | SGN | ONS |
| 1523 | 2000/07/28,23:07 | 34.1 | 139.3 | 11 | 4.0 | 1.23e15 | 87.36 | near Miyakejima island | 8 | 88 | -20 | 99 | 70 | -178 | -0.2293 | 0.8949 | -0.0271 | 0.3483 | 0.3314 | -0.1189 | JIZ | SGN | NAA |
| 1524 | 2000/07/29,02:53 | 34.1 | 139.3 | 5 | 3.8 | 4.81e14 | 76.29 | near Miyakejima island | 139 | 51 | -82 | 307 | 40 | -100 | 0.5420 | 0.4287 | -0.0485 | 0.4749 | -0.2137 | -1.0168 | FUJ | SGN | TTO |
| 1525 | 2000/07/29,05:01 | 34.1 | 139.3 | 8 | 3.8 | 5.93e14 | 61.98 | near Miyakejima island | 28 | 90 | -33 | 118 | 57 | -179 | -0.6886 | 0.4624 | -0.2388 | 0.7160 | 0.4852 | -0.0274 | FUJ | SGN | ONS |
| 1526 | 2000/07/29,07:07 | 34.2 | 139.3 | 5 | 3.9 | 7.77e14 | 92.71 | near Niijima island | 154 | 77 | -54 | 261 | 38 | -159 | 0.5078 | 0.5218 | -0.2177 | -0.1557 | -0.6920 | -0.3521 | JIZ | FUJ | SGN |
| 1527 | 2000/07/29,08:10 | 34.1 | 139.3 | 14 | 3.7 | 3.87e14 | 54.05 | near Miyakejima island | 17 | 89 | -18 | 107 | 72 | -179 | -0.4519 | 0.7776 | -0.0184 | 0.6512 | 0.3084 | -0.1993 | JIZ | ONS | |
| 1528 | 2000/07/29,09:07 | 34.1 | 139.4 | 14 | 4.2 | 2.58e15 | 91.33 | near Miyakejima island | 6 | 83 | -10 | 98 | 80 | -173 | -0.1190 | 0.9549 | -0.0740 | 0.3659 | 0.1172 | -0.2469 | JIZ | SGN | NAA |
| 1529 | 2000/07/29,09:51 | 34.1 | 139.4 | 8 | 3.9 | 7.65e14 | 69.08 | near Miyakejima island | 318 | 76 | -47 | 62 | 45 | -160 | 0.8296 | 0.2598 | 0.3389 | -0.4704 | 0.5492 | -0.3592 | JIZ | FUJ | TTO |
| 1530 | 2000/07/29,10:15 | 34.1 | 139.3 | 17 | 3.8 | 5.89e14 | 89.46 | near Miyakejima island | 279 | 88 | 176 | 9 | 86 | 2 | -0.2677 | 0.9475 | -0.0733 | 0.3509 | -0.0549 | -0.0831 | JIZ | SGN | ONS |
| 1531 | 2000/07/29,10:25 | 38.6 | 142.8 | 8 | 3.4 | 1.65e14 | 66.73 | far E off Miyagi pref | 49 | 57 | 97 | 216 | 34 | 79 | -0.4019 | 0.5136 | 0.3345 | -0.4740 | -0.2128 | 0.8759 | KSN | GJM | |
| 1532 | 2000/07/29,10:49 | 34.2 | 139.3 | 5 | 3.9 | 9.23e14 | 93.30 | near Niijima island | 337 | 74 | -49 | 85 | 43 | -156 | 0.4973 | 0.6044 | 0.1136 | -0.0940 | 0.6433 | -0.4033 | JIZ | SGN | ONS |
| 1533 | 2000/07/29,10:55 | 34.1 | 139.4 | 14 | 3.9 | 8.19e14 | 90.78 | near Miyakejima island | 11 | 85 | -13 | 102 | 77 | -175 | -0.2749 | 0.9018 | -0.0650 | 0.4731 | 0.1869 | -0.1982 | JIZ | NAA | ONS |
| 1534 | 2000/07/29,11:41 | 34.2 | 139.3 | 5 | 3.8 | 4.89e14 | 95.61 | near Niijima island | 155 | 89 | -17 | 246 | 73 | -179 | 0.7775 | 0.6387 | -0.1459 | -0.6530 | -0.2483 | -0.1245 | JIZ | FUJ | SGN |
| 1535 | 2000/07/29,12:32 | 34.2 | 139.3 | 5 | 4.5 | 6.57e15 | 95.89 | near Niijima island | 165 | 90 | -3 | 255 | 87 | -180 | 0.6067 | 0.8585 | -0.0258 | -0.4166 | -0.0433 | -0.1901 | JIZ | FUJ | SGN |
| 1536 | 2000/07/29,15:16 | 34.2 | 139.2 | 5 | 4.9 | 2.80e16 | 94.48 | near Niijima island | 157 | 65 | -46 | 270 | 49 | -146 | 0.5402 | 0.6181 | 0.1020 | 0.0038 | -0.5591 | -0.5440 | JIZ | FUJ | SGN |
| 1537 | 2000/07/29,16:23 | 39.6 | 142.1 | 59 | 4.1 | 1.43e15 | 90.10 | E off Iwate pref | 17 | 70 | 88 | 202 | 20 | 95 | -0.1028 | 0.1870 | 0.2160 | -0.5510 | -0.7421 | 0.6537 | KSN | GJM | TMR |
| 1538 | 2000/07/29,19:44 | 34.2 | 139.3 | 23 | 3.5 | 1.82e14 | 68.47 | near Niijima island | 94 | 81 | -130 | 353 | 41 | -14 | 0.1559 | 0.6504 | -0.7242 | 0.0869 | 0.0505 | -0.2427 | JIZ | SGN | ONS |
| 1539 | 2000/07/29,22:06 | 34.4 | 139.2 | 17 | 3.8 | 6.10e14 | 84.87 | near Niijima island | 198 | 89 | 7 | 108 | 83 | 179 | -0.4650 | 0.8023 | 0.0249 | 0.6972 | 0.1473 | -0.2321 | JIZ | FUJ | SGN |
| 1540 | 2000/07/30,00:18 | 33.9 | 139.5 | 5 | 5.7 | 4.28e17 | 91.00 | near Miyakejima island | 351 | 79 | -36 | 89 | 54 | -167 | 0.2440 | 0.8385 | 0.1003 | 0.0808 | 0.4981 | -0.3247 | JIZ | FUJ | SGN |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1541 | 2000/07/30,03:09 | 34.1 | 139.3 | 5 | 4.1 | 1.45e15 | 88.05 | near Miyakejima island | 156 | 66 | -53 | 274 | 43 | -143 | 0.5066 | 0.6157 | -0.0141 | 0.0882 | -0.5633 | -0.5947 | JIZ | FUJ | SGN |
| 1542 | 2000/07/30,03:43 | 33.9 | 139.4 | 11 | 3.7 | 4.09e14 | 73.69 | near Miyakejima island | 106 | 85 | -162 | 15 | 72 | -5 | -0.4688 | 0.8091 | -0.3205 | 0.5170 | -0.0100 | -0.0482 | SGN | NAA | TTO |
| 1543 | 2000/07/30,05:41 | 35.7 | 140.7 | 53 | 4.0 | 1.01e15 | 88.61 | near Choshi city | 5 | 73 | 87 | 196 | 18 | 101 | -0.1521 | 0.0808 | 0.0376 | -0.4862 | -0.8184 | 0.6383 | SGN | ONS | FUJ |
| 1544 | 2000/07/30,07:49 | 28.4 | 128.1 | 140 | 5.1 | 4.26e16 | 92.95 | NW off Amami-Oshima is | 117 | 85 | 146 | 210 | 56 | 6 | -0.7276 | 0.4514 | 0.4529 | 0.6547 | 0.3306 | 0.0729 | AMM | | |
| 1545 | 2000/07/30,08:36 | 34.2 | 139.3 | 5 | 4.7 | 1.11e16 | 96.78 | near Niijima island | 247 | 80 | 169 | 339 | 79 | 11 | 0.6562 | 0.6968 | -0.2536 | -0.6653 | -0.1035 | 0.0091 | JIZ | FUJ | SGN |
| 1546 | 2000/07/30,08:42 | 34.2 | 139.2 | 20 | 4.0 | 1.09e15 | 82.31 | near Niijima island | 194 | 85 | 7 | 104 | 83 | 175 | -0.3440 | 0.8632 | 0.0893 | 0.5939 | 0.1835 | -0.2499 | JIZ | SGN | NAA |
| 1547 | 2000/07/30,09:06 | 34.2 | 139.3 | 26 | 3.7 | 4.28e14 | 82.20 | near Niijima island | 360 | 82 | -15 | 92 | 76 | -172 | 0.0151 | 0.9582 | -0.1369 | 0.0542 | 0.2431 | -0.0692 | JIZ | SGN | NAA |
| 1548 | 2000/07/30,12:25 | 34.0 | 139.4 | 11 | 6.4 | 5.02e18 | 90.42 | near Miyakejima island | 11 | 85 | -13 | 103 | 77 | -174 | -0.3833 | 0.8854 | -0.1443 | 0.4026 | 0.2023 | -0.0193 | FUJ | SGN | ONS |
| 1549 | 2000/07/30,12:49 | 34.0 | 139.4 | 5 | 5.6 | 3.07e17 | 93.19 | near Miyakejima island | 352 | 82 | -26 | 86 | 64 | -171 | 0.2793 | 0.8907 | 0.0281 | -0.0451 | 0.3994 | -0.2342 | JIZ | FUJ | SGN |
| 1550 | 2000/07/30,13:16 | 34.2 | 139.3 | 5 | 5.0 | 3.13e16 | 78.11 | near Niijima island | 152 | 71 | -67 | 279 | 29 | -139 | 0.4338 | 0.4341 | -0.2386 | 0.1283 | -0.7051 | -0.5621 | JIZ | FUJ | SGN |
| 1551 | 2000/07/30,17:06 | 33.9 | 139.5 | 5 | 3.9 | 7.61e14 | 88.05 | near Miyakejima island | 20 | 82 | -21 | 113 | 69 | -171 | -0.5628 | 0.6793 | -0.2321 | 0.6910 | 0.2832 | -0.1282 | JIZ | FUJ | SGN |
| 1552 | 2000/07/30,18:07 | 34.1 | 139.4 | 5 | 4.1 | 1.40e15 | 94.93 | near Miyakejima island | 333 | 76 | -44 | 76 | 48 | -162 | 0.6360 | 0.5750 | 0.1746 | -0.3007 | 0.5878 | -0.3353 | JIZ | FUJ | SGN |
| 1553 | 2000/07/30,19:23 | 34.2 | 139.3 | 8 | 3.8 | 5.55e14 | 62.35 | near Niijima island | 358 | 56 | -70 | 145 | 39 | -117 | -0.0660 | 0.3419 | -0.1359 | 0.8989 | 0.3478 | -0.8329 | JIZ | SGN | |
| 1554 | 2000/07/30,19:40 | 34.0 | 139.4 | 26 | 3.6 | 2.81e14 | 76.92 | near Miyakejima island | 10 | 87 | -21 | 101 | 69 | -177 | -0.2852 | 0.8750 | -0.0651 | 0.3827 | 0.3378 | -0.0976 | JIZ | SGN | NAA |
| 1555 | 2000/07/30,21:33 | 33.8 | 139.4 | 5 | 3.8 | 6.60e14 | 81.09 | near Miyakejima island | 21 | 74 | -25 | 119 | 66 | -162 | -0.4968 | 0.5905 | -0.1000 | 0.9846 | 0.2073 | -0.4879 | JIZ | FUJ | SGN |
| 1556 | 2000/07/30,22:43 | 33.8 | 139.4 | 8 | 3.8 | 4.73e14 | 70.43 | near Miyakejima island | 291 | 89 | 166 | 22 | 76 | 1 | -0.6544 | 0.7113 | -0.2078 | 0.6707 | -0.1177 | -0.0163 | SGN | NAA | TTO |
| 1557 | 2000/07/30,23:53 | 34.3 | 139.2 | 14 | 4.5 | 5.31e15 | 88.38 | near Niijima island | 320 | 85 | 160 | 52 | 70 | 6 | -0.9392 | -0.1797 | -0.1472 | 0.8961 | -0.3223 | 0.0431 | JIZ | FUJ | SGN |
| 1558 | 2000/07/31,01:22 | 34.2 | 139.3 | 5 | 4.1 | 1.83e15 | 79.07 | near Niijima island | 331 | 74 | -46 | 77 | 46 | -158 | 0.6530 | 0.5595 | 0.1975 | -0.2602 | 0.5764 | -0.3927 | JIZ | FUJ | SGN |
| 1559 | 2000/07/31,01:28 | 34.0 | 139.3 | 5 | 4.2 | 1.90e15 | 79.96 | near Miyakejima island | 162 | 72 | -75 | 300 | 24 | -129 | 0.1872 | 0.3873 | -0.1756 | 0.3718 | -0.7596 | -0.5590 | JIZ | SGN | TTO |
| 1560 | 2000/07/31,01:58 | 33.8 | 139.3 | 8 | 3.7 | 4.12e14 | 85.28 | near Miyakejima island | 24 | 82 | -15 | 116 | 76 | -172 | -0.6707 | 0.6189 | -0.1869 | 0.8043 | 0.1659 | -0.1336 | FUJ | SGN | TTO |
| 1561 | 2000/07/31,04:37 | 39.6 | 143.8 | 11 | 5.2 | 8.20e16 | 75.62 | far E off Sanriku | 23 | 57 | 92 | 199 | 33 | 87 | -0.0316 | 0.3607 | 0.1747 | -0.8239 | -0.3769 | 0.8556 | KSN | TMR | GJM |
| 1562 | 2000/07/31,09:45 | 33.9 | 139.4 | 8 | 3.8 | 6.42e14 | 85.60 | near Miyakejima island | 117 | 87 | -170 | 26 | 80 | -3 | -0.8128 | 0.5931 | -0.1937 | 0.7511 | -0.0181 | 0.0618 | SGN | NAA | TTO |
| 1563 | 2000/07/31,14:19 | 39.6 | 143.7 | 17 | 3.6 | 2.57e14 | 70.16 | far E off Sanriku | 38 | 55 | 108 | 188 | 39 | 66 | -0.0121 | 0.4505 | 0.3026 | -0.8227 | -0.1768 | 0.8348 | KSN | TMR | GJM |
| 1564 | 2000/07/31,20:00 | 34.3 | 139.3 | 8 | 3.6 | 2.85e14 | 83.29 | near Niijima island | 250 | 71 | -142 | 146 | 55 | -23 | 0.8033 | 0.4475 | 0.3643 | -0.4401 | -0.4303 | -0.3632 | FUJ | SGN | TTO |
| 1565 | 2000/08/01,08:48 | 33.9 | 139.5 | 5 | 4.4 | 4.17e15 | 93.96 | near Miyakejima island | 313 | 87 | -160 | 222 | 70 | -3 | -0.8424 | 0.0954 | 0.2002 | 1.0387 | 0.2597 | -0.1963 | JIZ | FUJ | SGN |
| 1566 | 2000/08/01,16:26 | 34.1 | 139.3 | 5 | 4.6 | 8.09e15 | 94.66 | near Miyakejima island | 306 | 53 | -98 | 140 | 37 | -79 | 0.5057 | 0.4868 | 0.2824 | 0.4404 | 0.1019 | -0.9461 | JIZ | FUJ | SGN |
| 1567 | 2000/08/01,18:35 | 39.0 | 144.4 | 35 | 3.8 | 6.04e14 | 55.18 | far E off north Honshu | 123 | 68 | -25 | 222 | 67 | -157 | 1.0070 | -0.2292 | -0.0694 | -0.6804 | -0.3956 | -0.3266 | KSN | TMR | |
| 1568 | 2000/08/01,21:18 | 34.5 | 139.2 | 5 | 4.3 | 3.56e15 | 93.02 | near Niijima island | 342 | 67 | -31 | 86 | 62 | -153 | 0.5893 | 0.8447 | -0.0542 | -0.0638 | 0.2439 | -0.5255 | FUJ | SGN | TTO |
| 1569 | 2000/08/01,22:13 | 34.2 | 139.2 | 5 | 4.2 | 2.01e15 | 96.31 | near Niijima island | 156 | 79 | -26 | 251 | 65 | -168 | 0.7241 | 0.6753 | -0.0610 | -0.4766 | -0.3832 | -0.2474 | JIZ | FUJ | SGN |
| 1570 | 2000/08/01,22:40 | 34.5 | 139.2 | 8 | 3.8 | 5.37e14 | 77.89 | near Niijima island | 12 | 87 | -20 | 103 | 70 | -177 | -0.3165 | 0.8506 | -0.0432 | 0.4851 | 0.3320 | -0.1686 | FUJ | SGN | TTO |
| 1571 | 2000/08/01,23:57 | 41.9 | 139.2 | 5 | 4.1 | 1.48e15 | 90.85 | SW off Hokkaido | 7 | 52 | 115 | 150 | 44 | 62 | 0.1422 | -0.2407 | 0.2376 | -0.9909 | -0.1776 | 0.8487 | TMR | HSS | KSN |
| 1572 | 2000/08/02,00:11 | 34.2 | 139.3 | 5 | 3.5 | 2.32e14 | 69.26 | near Miyakejima island | 353 | 88 | -49 | 85 | 41 | -176 | 0.1501 | 0.6503 | 0.1079 | -0.0803 | 0.7435 | -0.0699 | JIZ | FUJ | SGN |
| 1573 | 2000/08/02,04:46 | 34.1 | 139.3 | 26 | 3.8 | 5.82e14 | 78.59 | near Miyakejima island | 112 | 81 | -161 | 19 | 71 | -9 | -0.5664 | 0.7029 | -0.3407 | 0.6714 | 0.0168 | -0.1050 | SGN | NAA | ONS |
| 1574 | 2000/08/02,09:45 | 34.2 | 139.3 | 5 | 3.7 | 4.70e14 | 95.20 | near Niijima island | 147 | 84 | -15 | 239 | 75 | -173 | 0.9571 | 0.4265 | -0.0720 | -0.7817 | -0.2216 | -0.1755 | JIZ | FUJ | SGN |
| 1575 | 2000/08/02,10:23 | 34.1 | 139.3 | 5 | 5.2 | 6.96e16 | 92.75 | near Miyakejima island | 334 | 66 | -69 | 110 | 32 | -129 | 0.3823 | 0.5065 | 0.1561 | 0.3020 | 0.6073 | -0.6844 | JIZ | FUJ | SGN |
| 1576 | 2000/08/02,10:44 | 34.2 | 139.3 | 5 | 4.7 | 1.48e16 | 92.82 | near Niijima island | 335 | 67 | -63 | 102 | 35 | -137 | 0.4220 | 0.5403 | 0.1253 | 0.2025 | 0.6202 | -0.6245 | JIZ | FUJ | SGN |
| 1577 | 2000/08/02,10:52 | 34.1 | 139.3 | 5 | 3.9 | 6.91e14 | 79.11 | near Miyakejima island | 19 | 73 | -29 | 118 | 62 | -161 | -0.4960 | 0.5640 | -0.4636 | 0.6945 | 0.3085 | -0.1985 | JIZ | NAA | |
| 1578 | 2000/08/02,11:08 | 31.1 | 131.5 | 35 | 4.7 | 1.12e16 | 81.73 | SE off Osumi pen | 26 | 77 | 95 | 185 | 14 | 69 | 0.0469 | 0.1710 | 0.4036 | -0.4338 | -0.8012 | 0.3870 | TKA | SBR | FUK |
| 1579 | 2000/08/02,18:58 | 34.2 | 139.3 | 5 | 3.9 | 7.64e14 | 92.86 | near Niijima island | 163 | 59 | -57 | 292 | 44 | -132 | 0.3418 | 0.5551 | 0.1899 | 0.4167 | -0.4753 | -0.7585 | JIZ | SGN | ONS |
| 1580 | 2000/08/02,19:50 | 34.2 | 139.2 | 5 | 3.7 | 4.00e14 | 86.63 | near Niijima island | 124 | 60 | -116 | 349 | 39 | -53 | 0.1787 | 0.4974 | -0.4920 | 0.6037 | -0.0673 | -0.7824 | JIZ | SGN | NAA |
| 1581 | 2000/08/02,21:14 | 34.2 | 139.3 | 5 | 4.8 | 1.51e16 | 92.92 | near Niijima island | 162 | 67 | -48 | 276 | 47 | -147 | 0.3906 | 0.7570 | -0.0454 | 0.1627 | -0.4747 | -0.5534 | JIZ | FUJ | SGN |
| 1582 | 2000/08/02,21:22 | 34.2 | 139.3 | 5 | 3.8 | 5.85e14 | 67.13 | near Niijima island | 347 | 71 | -110 | 215 | 28 | -45 | -0.1877 | -0.1533 | 0.2375 | 0.7445 | 0.6904 | -0.5569 | JIZ | NAA | |
| 1583 | 2000/08/02,21:28 | 34.2 | 139.3 | 5 | 4.3 | 3.64e15 | 95.80 | near Niijima island | 341 | 75 | -39 | 83 | 53 | -161 | 0.5118 | 0.7385 | 0.0813 | -0.1420 | 0.5067 | -0.3698 | JIZ | FUJ | SGN |
| 1584 | 2000/08/02,21:42 | 34.2 | 139.3 | 5 | 5.2 | 6.00e16 | 82.48 | near Niijima island | 170 | 60 | -40 | 283 | 57 | -143 | 0.2504 | 0.8711 | 0.1230 | 0.3637 | -0.2002 | -0.6141 | FUJ | SGN | NAA |
| 1585 | 2000/08/02,22:28 | 34.2 | 139.3 | 5 | 4.1 | 1.81e15 | 79.57 | near Niijima island | 139 | 48 | -89 | 317 | 42 | -91 | 0.4493 | 0.5030 | -0.0506 | 0.5414 | -0.0783 | -0.9907 | JIZ | SGN | NAA |
| 1586 | 2000/08/02,22:49 | 34.1 | 139.3 | 5 | 3.7 | 3.55e14 | 88.22 | near Miyakejima island | 328 | 87 | -31 | 60 | 59 | -177 | 0.7637 | 0.3938 | 0.1963 | -0.7503 | 0.4888 | -0.0134 | JIZ | FUJ | SGN |
| 1587 | 2000/08/02,22:59 | 34.2 | 139.2 | 5 | 4.1 | 1.87e15 | 76.62 | near Niijima island | 343 | 52 | -52 | 111 | 52 | -128 | 0.3432 | 0.6192 | -0.2996 | 0.4193 | 0.2909 | -0.7625 | JIZ | SGN | NAA |
| 1588 | 2000/08/02,23:29 | 34.3 | 139.3 | 5 | 3.8 | 6.07e14 | 86.87 | near Niijima island | 289 | 72 | -117 | 169 | 32 | -35 | 0.2088 | 0.5468 | 0.7074 | 0.2813 | 0.1686 | -0.4900 | JIZ | FUJ | SGN |
| 1589 | 2000/08/03,05:30 | 31.1 | 131.5 | 32 | 5.4 | 1.68e17 | 84.01 | SE off Osumi pen | 25 | 76 | 96 | 183 | 15 | 68 | 0.0195 | 0.1367 | 0.3897 | -0.4596 | -0.7913 | 0.4401 | TKA | TKD | FUK |
| 1590 | 2000/08/03,06:18 | 34.3 | 139.2 | 5 | 4.0 | 1.01e15 | 82.40 | near Niijima island | 337 | 65 | -129 | 220 | 45 | -37 | -0.3818 | -0.1832 | 0.3524 | 0.9795 | 0.3599 | -0.5977 | JIZ | FUJ | TTO |
| 1591 | 2000/08/03,07:08 | 34.4 | 139.3 | 20 | 4.0 | 9.59e14 | 88.61 | near Niijima island | 110 | 88 | -166 | 19 | 76 | -2 | -0.5234 | 0.7633 | -0.2166 | 0.6763 | -0.1010 | -0.1529 | JIZ | FUJ | SGN |
| 1592 | 2000/08/03,07:15 | 34.2 | 139.3 | 5 | 3.7 | 4.40e14 | 72.16 | near Niijima island | 325 | 66 | -62 | 92 | 36 | -136 | 0.6200 | 0.4560 | 0.1923 | 0.0342 | 0.5913 | -0.6543 | JIZ | SGN | |
| 1593 | 2000/08/03,07:45 | 34.2 | 139.3 | 5 | 4.0 | 1.23e15 | 69.14 | near Niijima island | 342 | 79 | -61 | 92 | 31 | -158 | 0.2490 | 0.5284 | 0.2234 | 0.0637 | 0.7698 | -0.3126 | JIZ | SGN | TTO |
| 1594 | 2000/08/03,07:48 | 34.2 | 139.3 | 5 | 4.5 | 7.18e15 | 91.15 | near Niijima island | 342 | 62 | -50 | 102 | 47 | -140 | 0.3710 | 0.7273 | -0.0641 | 0.2638 | 0.4261 | -0.6348 | JIZ | SGN | NAA |
| 1595 | 2000/08/03,07:55 | 34.2 | 139.3 | 5 | 5.1 | 5.82e16 | 95.64 | near Niijima island | 348 | 82 | -30 | 83 | 61 | -171 | 0.3929 | 0.8522 | 0.1258 | -0.1155 | 0.4242 | -0.2774 | JIZ | FUJ | SGN |
| 1596 | 2000/08/03,08:00 | 34.2 | 139.3 | 5 | 5.0 | 3.52e16 | 94.52 | near Niijima island | 160 | 62 | -55 | 284 | 43 | -137 | 0.3851 | 0.6460 | 0.0554 | 0.2877 | -0.4926 | -0.6727 | JIZ | FUJ | SGN |
| 1597 | 2000/08/03,08:14 | 34.2 | 139.3 | 5 | 4.1 | 1.86e15 | 70.05 | near Niijima island | 157 | 83 | -71 | 267 | 20 | -158 | 0.2743 | 0.3040 | -0.3235 | -0.0301 | -0.8602 | -0.2442 | JIZ | SGN | TTO |
| 1598 | 2000/08/03,08:24 | 34.2 | 139.3 | 5 | 5.1 | 5.03e16 | 94.78 | near Niijima island | 351 | 73 | -48 | 99 | 45 | -155 | 0.1894 | 0.7192 | -0.0074 | 0.2434 | 0.5959 | -0.4328 | JIZ | FUJ | SGN |
| 1599 | 2000/08/03,08:33 | 34.2 | 139.2 | 5 | 4.9 | 2.82e16 | 91.91 | near Niijima island | 355 | 66 | -45 | 108 | 50 | -147 | 0.0721 | 0.7358 | -0.1378 | 0.4800 | 0.4354 | -0.5521 | JIZ | FUJ | SGN |
| 1600 | 2000/08/03,08:48 | 34.2 | 139.3 | 5 | 4.1 | 1.72e15 | 90.97 | near Niijima island | 102 | 66 | -152 | 360 | 64 | -26 | 0.0635 | 0.8814 | -0.2406 | 0.4187 | 0.1464 | -0.4822 | JIZ | FUJ | SGN |
| 1601 | 2000/08/03,08:50 | 34.2 | 139.3 | 5 | 3.8 | 4.94e14 | 58.45 | near Niijima island | 249 | 84 | -144 | 155 | 54 | -7 | 0.6097 | 0.5709 | 0.5002 | -0.5183 | -0.3189 | -0.0914 | JIZ | SGN | ONS |
| 1602 | 2000/08/03,08:58 | 34.2 | 139.3 | 5 | 4.1 | 1.69e15 | 87.58 | near Niijima island | 148 | 49 | -67 | 295 | 46 | -114 | 0.5253 | 0.5192 | 0.1546 | 0.4007 | -0.2546 | -0.9259 | JIZ | FUJ | SGN |
| 1603 | 2000/08/03,09:04 | 34.2 | 139.3 | 5 | 4.9 | 2.95e16 | 93.82 | near Niijima island | 159 | 65 | -57 | 283 | 40 | -139 | 0.3992 | 0.5943 | 0.0053 | 0.2416 | -0.5776 | -0.6409 | JIZ | SGN | TTO |
| 1604 | 2000/08/03,09:19 | 34.2 | 139.3 | 5 | 4.4 | 4.59e15 | 84.30 | near Niijima island | 160 | 58 | -53 | 285 | 48 | -134 | 0.3763 | 0.7883 | 0.0438 | 0.3106 | -0.2958 | -0.6869 | SGN | NAA | TTO |
| 1605 | 2000/08/03,09:47 | 34.2 | 139.3 | 5 | 4.4 | 3.95e15 | 84.22 | near Niijima island | 164 | 51 | -61 | 303 | 47 | -120 | 0.1612 | 0.7021 | 0.1346 | 0.6208 | -0.1697 | -0.7820 | JIZ | SGN | NAA |
| 1606 | 2000/08/03,09:59 | 34.1 | 139.3 | 5 | 4.7 | 1.16e16 | 92.26 | near Miyakejima island | 150 | 50 | -63 | 292 | 47 | -118 | 0.5199 | 0.5605 | 0.1712 | 0.3580 | -0.2722 | -0.8779 | JIZ | FUJ | SGN |
| 1607 | 2000/08/03,10:11 | 34.2 | 139.3 | 5 | 4.7 | 1.40e16 | 93.35 | near Niijima island | 157 | 67 | -57 | 277 | 40 | -143 | 0.4481 | 0.5777 | -0.0428 | 0.1412 | -0.6134 | -0.5893 | JIZ | FUJ | SGN |
| 1608 | 2000/08/03,10:23 | 34.1 | 139.3 | 5 | 4.7 | 1.28e16 | 92.34 | near Miyakejima island | 150 | 67 | -60 | 275 | 37 | -139 | 0.5541 | 0.5157 | -0.1402 | 0.0756 | -0.6006 | -0.6298 | JIZ | FUJ | SGN |
| 1609 | 2000/08/03,10:31 | 34.2 | 139.2 | 5 | 4.3 | 3.71e15 | 90.79 | near Niijima island | 303 | 55 | -129 | 178 | 50 | -48 | 0.0060 | 0.5927 | 0.3574 | 0.7134 | -0.1192 | -0.7194 | JIZ | FUJ | SGN |
| 1610 | 2000/08/03,10:42 | 34.2 | 139.3 | 5 | 4.3 | 3.57e15 | 90.54 | near Niijima island | 302 | 54 | -117 | 163 | 43 | -58 | 0.2536 | 0.6189 | 0.3377 | 0.5547 | -0.0301 | -0.8083 | JIZ | SGN | NAA |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1611 | 2000/08/03,10:47 | 34.2 | 139.3 | 5 | 4.2 | 2.08e15 | 93.23 | near Niijima island | 161 | 52 | -54 | 292 | 50 | -126 | 0.3602 | 0.5878 | 0.2929 | 0.4356 | -0.2995 | -0.7958 | JIZ | FUJ | SGN |
| 1612 | 2000/08/03,10:53 | 34.2 | 139.3 | 5 | 4.6 | 9.65e15 | 89.05 | near Niijima island | 170 | 57 | -57 | 300 | 45 | -130 | 0.1378 | 0.6237 | 0.1711 | 0.6071 | -0.3488 | -0.7450 | JIZ | FUJ | SGN |
| 1613 | 2000/08/03,10:58 | 34.2 | 139.3 | 11 | 4.2 | 2.07e15 | 73.08 | near Niijima island | 6 | 90 | -4 | 96 | 86 | -180 | -0.0317 | 0.9744 | 0.0245 | 0.4171 | 0.0626 | -0.3855 | JIZ | SGN | NAA |
| 1614 | 2000/08/03,11:03 | 34.3 | 139.2 | 5 | 4.1 | 1.88e15 | 78.95 | near Niijima island | 152 | 60 | -77 | 308 | 32 | -111 | 0.3201 | 0.4753 | -0.1434 | 0.5057 | -0.4861 | -0.8258 | JIZ | FUJ | SGN |
| 1615 | 2000/08/03,11:16 | 34.2 | 139.3 | 5 | 4.2 | 2.41e15 | 79.23 | near Niijima island | 313 | 62 | -93 | 139 | 29 | -84 | 0.3972 | 0.4303 | 0.4146 | 0.4313 | 0.3530 | -0.8284 | JIZ | FUJ | SGN |
| 1616 | 2000/08/03,11:18 | 34.2 | 139.2 | 5 | 4.6 | 8.02e15 | 83.64 | near Niijima island | 170 | 75 | -77 | 309 | 19 | -129 | 0.0412 | 0.3017 | -0.1125 | 0.4218 | -0.8371 | -0.4629 | JIZ | SGN | ONS |
| 1617 | 2000/08/03,11:27 | 34.2 | 139.3 | 5 | 5.1 | 4.46e16 | 89.61 | near Niijima island | 305 | 50 | -94 | 132 | 40 | -85 | 0.6092 | 0.4556 | 0.1699 | 0.3888 | 0.0552 | -0.9980 | FUJ | SGN | ONS |
| 1618 | 2000/08/03,11:32 | 34.2 | 139.3 | 5 | 4.6 | 8.90e15 | 94.52 | near Niijima island | 320 | 72 | -58 | 76 | 36 | -148 | 0.7090 | 0.3323 | 0.3152 | -0.2056 | 0.6247 | -0.5034 | JIZ | FUJ | SGN |
| 1619 | 2000/08/03,11:39 | 34.2 | 139.2 | 5 | 4.6 | 1.04e16 | 83.65 | near Niijima island | 299 | 51 | -106 | 144 | 42 | -71 | 0.5336 | 0.5139 | 0.2519 | 0.4037 | -0.0648 | -0.9373 | JIZ | FUJ | SGN |
| 1620 | 2000/08/03,11:48 | 34.2 | 139.3 | 5 | 4.1 | 1.56e15 | 81.05 | near Niijima island | 281 | 64 | -134 | 167 | 50 | -35 | 0.3243 | 0.7093 | 0.4687 | 0.2474 | -0.1910 | -0.5717 | JIZ | SGN | TTO |
| 1621 | 2000/08/03,11:51 | 34.2 | 139.2 | 8 | 4.3 | 3.03e15 | 92.42 | near Niijima island | 0 | 85 | -18 | 92 | 72 | -175 | 0.0592 | 0.9544 | 0.0040 | 0.1447 | 0.2873 | -0.2038 | JIZ | FUJ | SGN |
| 1622 | 2000/08/03,11:58 | 34.2 | 139.3 | 5 | 4.3 | 2.70e15 | 87.07 | near Niijima island | 305 | 53 | -95 | 134 | 38 | -83 | 0.5777 | 0.4536 | 0.2515 | 0.3992 | 0.1071 | -0.9769 | JIZ | FUJ | SGN |
| 1623 | 2000/08/03,12:06 | 34.2 | 139.3 | 5 | 4.5 | 6.47e15 | 61.77 | near Niijima island | 151 | 73 | -25 | 249 | 66 | -161 | 0.8751 | 0.5931 | 0.0002 | -0.5030 | -0.3194 | -0.3720 | JIZ | FUJ | SGN |
| 1624 | 2000/08/03,12:13 | 34.3 | 139.3 | 5 | 5.4 | 1.26e17 | 88.33 | near Niijima island | 153 | 64 | -66 | 288 | 35 | -130 | 0.4243 | 0.5538 | -0.1180 | 0.2780 | -0.5537 | -0.7024 | SGN | TTO | ONS |
| 1625 | 2000/08/03,12:22 | 34.1 | 139.3 | 5 | 5.0 | 3.25e16 | 95.58 | near Miyakejima island | 338 | 79 | -16 | 71 | 74 | -168 | 0.6621 | 0.7157 | -0.0774 | -0.5656 | 0.3133 | -0.0964 | JIZ | FUJ | SGN |
| 1626 | 2000/08/03,12:39 | 34.2 | 139.3 | 14 | 4.1 | 1.51e15 | 69.96 | near Niijima island | 188 | 89 | 16 | 98 | 74 | 179 | -0.1811 | 0.9147 | 0.0677 | 0.3670 | 0.2990 | -0.1859 | JIZ | SGN | NAA |
| 1627 | 2000/08/03,12:42 | 34.1 | 139.4 | 8 | 4.3 | 2.92e15 | 91.06 | near Miyakejima island | 99 | 84 | -153 | 6 | 63 | -6 | -0.1443 | 0.8664 | -0.4329 | 0.2893 | -0.0273 | -0.1450 | JIZ | SGN | NAA |
| 1628 | 2000/08/03,12:54 | 34.2 | 139.3 | 5 | 4.4 | 3.94e15 | 96.11 | near Niijima island | 149 | 73 | -41 | 253 | 51 | -158 | 0.7499 | 0.5279 | -0.1420 | -0.3652 | -0.5332 | -0.3848 | JIZ | FUJ | SGN |
| 1629 | 2000/08/03,13:18 | 34.3 | 139.3 | 5 | 5.2 | 8.07e16 | 85.92 | near Niijima island | 307 | 46 | -100 | 142 | 45 | -80 | 0.4886 | 0.5324 | 0.0955 | 0.4795 | -0.0759 | -0.9681 | SGN | TTO | ONS |
| 1630 | 2000/08/03,13:29 | 34.3 | 139.2 | 5 | 4.1 | 1.74e15 | 72.57 | near Niijima island | 143 | 56 | -61 | 279 | 43 | -125 | 0.6685 | 0.4714 | 0.0401 | 0.1613 | -0.4490 | -0.8298 | JIZ | SGN | TTO |
| 1631 | 2000/08/03,13:42 | 34.2 | 139.3 | 5 | 4.3 | 3.34e15 | 95.30 | near Niijima island | 327 | 70 | -38 | 72 | 55 | -155 | 0.7707 | 0.4587 | -0.0002 | -0.3984 | 0.5884 | -0.3723 | JIZ | FUJ | SGN |
| 1632 | 2000/08/03,14:01 | 34.2 | 139.3 | 11 | 3.8 | 6.04e14 | 74.48 | near Niijima island | 5 | 87 | -16 | 96 | 74 | -177 | -0.0308 | 0.9449 | 0.0692 | 0.3840 | 0.2548 | -0.3532 | JIZ | SGN | NAA |
| 1633 | 2000/08/03,14:13 | 34.2 | 139.3 | 5 | 3.8 | 5.09e14 | 77.93 | near Niijima island | 158 | 82 | -66 | 264 | 25 | -162 | 0.2827 | 0.3986 | -0.3188 | -0.0603 | -0.8227 | -0.2224 | JIZ | SGN | ONS |
| 1634 | 2000/08/03,14:23 | 34.3 | 139.3 | 5 | 4.3 | 3.16e15 | 95.50 | near Niijima island | 321 | 72 | -61 | 80 | 34 | -147 | 0.6552 | 0.3677 | 0.3370 | -0.1499 | 0.6293 | -0.5054 | JIZ | FUJ | SGN |
| 1635 | 2000/08/03,14:26 | 34.3 | 139.3 | 5 | 4.8 | 1.61e16 | 95.53 | near Niijima island | 149 | 69 | -37 | 255 | 56 | -154 | 0.8266 | 0.6125 | -0.0849 | -0.3418 | -0.3841 | -0.4848 | JIZ | FUJ | SGN |
| 1636 | 2000/08/03,14:32 | 34.2 | 139.3 | 8 | 4.0 | 1.06e15 | 72.71 | near Niijima island | 162 | 67 | -74 | 306 | 28 | -123 | 0.2311 | 0.3880 | -0.0911 | 0.4723 | -0.6730 | -0.7034 | JIZ | SGN | |
| 1637 | 2000/08/03,14:37 | 34.2 | 139.3 | 5 | 3.8 | 5.59e14 | 70.17 | near Niijima island | 118 | 52 | -122 | 344 | 48 | -56 | 0.2826 | 0.5913 | -0.3179 | 0.5340 | 0.1815 | -0.8166 | JIZ | SGN | |
| 1638 | 2000/08/03,14:47 | 34.2 | 139.2 | 8 | 3.6 | 3.06e14 | 76.15 | near Niijima island | 263 | 90 | 147 | 353 | 57 | 0 | 0.0597 | 0.8302 | -0.5109 | -0.2328 | 0.2719 | 0.1731 | JIZ | FUJ | SGN |
| 1639 | 2000/08/03,14:50 | 34.2 | 139.3 | 5 | 4.3 | 2.73e15 | 92.79 | near Niijima island | 155 | 64 | -68 | 291 | 34 | -128 | 0.3755 | 0.5291 | -0.1161 | 0.3312 | -0.5750 | -0.7067 | JIZ | SGN | TTO |
| 1640 | 2000/08/03,14:57 | 34.2 | 139.3 | 11 | 4.2 | 1.90e15 | 93.43 | near Niijima island | 5 | 79 | -19 | 99 | 72 | -168 | -0.1281 | 0.9113 | -0.1747 | 0.3130 | 0.2595 | -0.1849 | JIZ | FUJ | SGN |
| 1641 | 2000/08/03,15:09 | 34.3 | 139.3 | 5 | 4.4 | 4.93e15 | 95.11 | near Niijima island | 322 | 73 | -57 | 76 | 37 | -151 | 0.6893 | 0.3722 | 0.3255 | -0.2313 | 0.6224 | -0.4580 | JIZ | FUJ | SGN |
| 1642 | 2000/08/03,15:17 | 34.3 | 139.3 | 11 | 3.9 | 8.76e14 | 85.02 | near Niijima island | 18 | 82 | -17 | 110 | 74 | -172 | -0.5005 | 0.7562 | -0.1540 | 0.6714 | 0.2197 | -0.1709 | JIZ | FUJ | SGN |
| 1643 | 2000/08/03,15:23 | 34.2 | 139.3 | 20 | 3.7 | 4.34e14 | 81.81 | near Niijima island | 1 | 86 | -17 | 92 | 73 | -176 | 0.0081 | 0.9540 | -0.0106 | 0.1434 | 0.2807 | -0.1515 | JIZ | SGN | NAA |
| 1644 | 2000/08/03,15:36 | 34.3 | 139.2 | 11 | 3.8 | 4.95e14 | 85.30 | near Niijima island | 8 | 86 | -7 | 99 | 83 | -176 | -0.3701 | 0.9458 | -0.1152 | 0.2110 | 0.1171 | 0.1591 | JIZ | FUJ | SGN |
| 1645 | 2000/08/03,15:42 | 34.3 | 139.2 | 5 | 4.7 | 1.23e16 | 95.63 | near Niijima island | 335 | 72 | -36 | 78 | 56 | -158 | 0.6850 | 0.6654 | 0.0327 | -0.2849 | 0.4686 | -0.4000 | JIZ | FUJ | SGN |
| 1646 | 2000/08/03,15:48 | 34.3 | 139.3 | 11 | 4.2 | 2.16e15 | 91.28 | near Niijima island | 98 | 79 | -162 | 4 | 73 | -12 | -0.0955 | 0.9254 | -0.2775 | 0.2763 | 0.1212 | -0.1807 | JIZ | SGN | NAA |
| 1647 | 2000/08/03,16:17 | 34.2 | 139.3 | 5 | 3.9 | 6.87e14 | 87.22 | near Niijima island | 293 | 66 | -120 | 168 | 38 | -42 | 0.2195 | 0.5744 | 0.5908 | 0.4229 | 0.0534 | -0.6424 | JIZ | FUJ | SGN |
| 1648 | 2000/08/03,16:29 | 34.2 | 139.3 | 5 | 3.8 | 5.69e14 | 89.74 | near Niijima island | 155 | 62 | -55 | 279 | 43 | -137 | 0.5063 | 0.6190 | 0.0161 | 0.1691 | -0.4990 | -0.6753 | JIZ | FUJ | SGN |
| 1649 | 2000/08/03,16:47 | 34.3 | 139.3 | 5 | 4.5 | 6.95e15 | 95.22 | near Niijima island | 248 | 64 | -140 | 138 | 55 | -33 | 0.9425 | 0.3289 | 0.2355 | -0.4207 | -0.4115 | -0.5218 | JIZ | FUJ | SGN |
| 1650 | 2000/08/03,16:55 | 34.2 | 139.2 | 5 | 3.9 | 7.86e14 | 66.25 | near Niijima island | 153 | 77 | -88 | 325 | 14 | -98 | 0.1280 | 0.1893 | -0.3913 | 0.3307 | -0.8024 | -0.4587 | JIZ | SGN | ONS |
| 1651 | 2000/08/03,17:04 | 34.2 | 139.3 | 5 | 4.5 | 5.99e15 | 94.23 | near Niijima island | 296 | 53 | -106 | 142 | 40 | -70 | 0.5694 | 0.5461 | 0.2955 | 0.3271 | -0.0162 | -0.8965 | JIZ | FUJ | SGN |
| 1652 | 2000/08/03,17:19 | 34.3 | 139.3 | 5 | 4.6 | 9.27e15 | 95.01 | near Niijima island | 316 | 64 | -62 | 85 | 38 | -135 | 0.7566 | 0.3767 | 0.2325 | -0.0715 | 0.5300 | -0.6850 | JIZ | FUJ | SGN |
| 1653 | 2000/08/03,17:25 | 34.2 | 139.3 | 14 | 3.9 | 9.06e14 | 68.06 | near Niijima island | 191 | 88 | 10 | 101 | 80 | 178 | -0.1819 | 0.9026 | 0.1040 | 0.5759 | 0.2245 | -0.3939 | JIZ | SGN | NAA |
| 1654 | 2000/08/03,17:49 | 34.2 | 139.3 | 11 | 3.7 | 3.73e14 | 72.97 | near Niijima island | 5 | 90 | -15 | 95 | 75 | -180 | -0.1040 | 0.9512 | 0.0351 | 0.2541 | 0.2540 | -0.1501 | JIZ | SGN | ONS |
| 1655 | 2000/08/03,18:01 | 34.2 | 139.3 | 14 | 3.9 | 6.83e14 | 89.77 | near Niijima island | 359 | 90 | 4 | 269 | 86 | 180 | 0.1146 | 0.9967 | -0.0242 | 0.0356 | -0.0755 | -0.1502 | JIZ | SGN | TTO |
| 1656 | 2000/08/03,18:12 | 34.2 | 139.2 | 5 | 4.3 | 3.53e15 | 95.24 | near Niijima island | 333 | 75 | -40 | 76 | 51 | -161 | 0.6489 | 0.5472 | 0.0414 | -0.3458 | 0.6191 | -0.3030 | JIZ | FUJ | SGN |
| 1657 | 2000/08/03,18:21 | 34.3 | 139.2 | 5 | 4.2 | 1.91e15 | 58.28 | near Niijima island | 332 | 71 | -96 | 171 | 20 | -73 | 0.0689 | 0.1782 | 0.3982 | 0.5560 | 0.6757 | -0.6249 | JIZ | FUJ | SGN |
| 1658 | 2000/08/03,18:28 | 34.2 | 139.3 | 5 | 4.2 | 1.95e15 | 91.13 | near Niijima island | 291 | 57 | -138 | 175 | 56 | -41 | 0.0892 | 0.7570 | 0.2786 | 0.5363 | -0.1836 | -0.6256 | JIZ | FUJ | SGN |
| 1659 | 2000/08/03,18:32 | 34.2 | 139.2 | 5 | 3.8 | 5.26e14 | 80.01 | near Niijima island | 145 | 50 | -73 | 301 | 43 | -108 | 0.5240 | 0.4752 | 0.0778 | 0.4492 | -0.2451 | -0.9732 | FUJ | SGN | ONS |
| 1660 | 2000/08/03,18:42 | 34.2 | 139.2 | 5 | 4.4 | 3.82e15 | 87.08 | near Niijima island | 339 | 66 | -63 | 108 | 35 | -136 | 0.3225 | 0.5713 | 0.0819 | 0.3137 | 0.6047 | -0.6362 | JIZ | FUJ | SGN |
| 1661 | 2000/08/03,18:54 | 34.2 | 139.2 | 5 | 4.4 | 3.98e15 | 93.28 | near Niijima island | 147 | 55 | -47 | 269 | 53 | -134 | 0.6918 | 0.5064 | 0.2114 | -0.0007 | -0.4758 | -0.6911 | JIZ | SGN | ONS |
| 1662 | 2000/08/03,19:08 | 34.2 | 139.2 | 8 | 3.9 | 8.94e14 | 73.68 | near Niijima island | 175 | 88 | 74 | 78 | 16 | 174 | 0.0903 | 0.2620 | 0.0828 | -0.1325 | 0.9556 | 0.0422 | JIZ | SGN | |
| 1663 | 2000/08/03,19:23 | 34.2 | 139.2 | 5 | 5.1 | 5.36e16 | 86.62 | near Niijima island | 334 | 51 | -105 | 178 | 41 | -72 | 0.0446 | 0.2258 | 0.2481 | 0.9130 | 0.1118 | -0.9576 | JIZ | FUJ | SGN |
| 1664 | 2000/08/03,20:28 | 34.1 | 139.3 | 5 | 4.3 | 3.09e15 | 76.64 | near Miyakejima island | 74 | 59 | -142 | 322 | 58 | -37 | 0.9076 | 0.4538 | -0.1471 | -0.3408 | 0.3920 | -0.5669 | JIZ | FUJ | SGN |
| 1665 | 2000/08/03,20:47 | 34.2 | 139.2 | 14 | 4.3 | 3.36e15 | 89.20 | near Niijima island | 178 | 89 | 9 | 88 | 81 | 179 | 0.0971 | 0.9829 | 0.0429 | -0.0609 | 0.1644 | -0.0361 | JIZ | FUJ | SGN |
| 1666 | 2000/08/03,21:34 | 27.9 | 127.5 | 14 | 4.9 | 2.33e16 | 96.35 | NW off Okinawajima is | 271 | 86 | -6 | 1 | 84 | -176 | 0.1364 | -0.9928 | 0.0894 | 0.0570 | 0.0436 | -0.1933 | AMM | | |
| 1667 | 2000/08/03,21:37 | 34.2 | 139.2 | 5 | 3.9 | 8.20e14 | 72.11 | near Niijima island | 141 | 81 | -37 | 238 | 53 | -169 | 0.8701 | 0.3000 | -0.3177 | -0.6304 | -0.4618 | -0.2398 | JIZ | SGN | ONS |
| 1668 | 2000/08/03,22:35 | 34.2 | 139.3 | 5 | 4.7 | 1.35e16 | 92.87 | near Niijima island | 163 | 64 | -62 | 292 | 37 | -134 | 0.2638 | 0.5813 | -0.0050 | 0.4047 | -0.5651 | -0.6685 | JIZ | SGN | TTO |
| 1669 | 2000/08/04,00:58 | 34.2 | 139.3 | 5 | 3.7 | 4.26e14 | 69.08 | near Niijima island | 343 | 63 | -103 | 191 | 29 | -66 | -0.0256 | 0.0382 | 0.2708 | 0.8140 | 0.5302 | -0.7884 | JIZ | FUJ | SGN |
| 1670 | 2000/08/04,04:45 | 34.3 | 139.3 | 11 | 4.0 | 1.32e15 | 87.17 | near Niijima island | 2 | 87 | -9 | 93 | 81 | -177 | -0.0071 | 0.9819 | -0.0163 | 0.1727 | 0.1361 | -0.1656 | JIZ | FUJ | SGN |
| 1671 | 2000/08/04,05:24 | 34.2 | 139.3 | 5 | 3.8 | 4.87e14 | 56.70 | near Niijima island | 306 | 55 | -91 | 129 | 35 | -88 | 0.5993 | 0.3829 | 0.2733 | 0.3951 | 0.1801 | -0.9944 | JIZ | SGN | ONS |
| 1672 | 2000/08/04,06:45 | 34.2 | 139.2 | 5 | 4.3 | 3.21e15 | 92.30 | near Niijima island | 299 | 57 | -130 | 176 | 50 | -45 | 0.0421 | 0.6558 | 0.3648 | 0.6463 | -0.0802 | -0.6884 | JIZ | FUJ | SGN |
| 1673 | 2000/08/04,07:18 | 34.2 | 139.3 | 5 | 4.8 | 1.75e16 | 91.43 | near Niijima island | 334 | 49 | -74 | 130 | 44 | -108 | 0.3347 | 0.5122 | -0.1037 | 0.6071 | 0.1969 | -0.9417 | JIZ | SGN | NAA |
| 1674 | 2000/08/04,10:36 | 33.9 | 139.5 | 5 | 3.9 | 9.01e14 | 89.92 | near Miyakejima island | 20 | 86 | -21 | 111 | 69 | -176 | -0.6412 | 0.7041 | -0.2682 | 0.5593 | 0.2960 | 0.0819 | SGN | NAA | TTO |
| 1675 | 2000/08/04,11:24 | 34.2 | 139.2 | 5 | 3.8 | 5.25e14 | 78.93 | near Niijima island | 346 | 56 | -66 | 128 | 41 | -121 | 0.1464 | 0.5601 | -0.0996 | 0.6677 | 0.3503 | -0.8140 | JIZ | SGN | NAA |
| 1676 | 2000/08/04,14:17 | 34.2 | 139.3 | 5 | 3.9 | 9.41e14 | 94.37 | near Niijima island | 360 | 86 | -28 | 92 | 63 | -175 | 0.0756 | 0.9013 | 0.1568 | 0.2316 | 0.4258 | -0.3072 | JIZ | FUJ | SGN |
| 1677 | 2000/08/04,14:38 | 34.2 | 139.2 | 5 | 3.7 | 3.88e14 | 88.73 | near Niijima island | 162 | 61 | -44 | 278 | 52 | -142 | 0.4166 | 0.7002 | 0.2003 | 0.1814 | -0.4342 | -0.5980 | JIZ | FUJ | SGN |
| 1678 | 2000/08/04,16:37 | 34.2 | 139.3 | 5 | 4.1 | 1.66e15 | 94.61 | near Niijima island | 284 | 52 | -123 | 151 | 49 | -56 | 0.5659 | 0.5896 | 0.2588 | 0.2451 | -0.2644 | -0.8110 | JIZ | FUJ | SGN |
| 1679 | 2000/08/04,16:56 | 34.3 | 139.2 | 5 | 4.0 | 1.08e15 | 90.21 | near Niijima island | 330 | 70 | -120 | 210 | 36 | -35 | -0.2598 | -0.0188 | 0.4975 | 0.8187 | 0.4868 | -0.5588 | FUJ | TTO | NAA |
| 1680 | 2000/08/04,17:49 | 34.2 | 139.3 | 5 | 4.3 | 3.40e15 | 94.27 | near Niijima island | 325 | 75 | -64 | 83 | 29 | -149 | 0.5326 | 0.3750 | 0.3759 | -0.1030 | 0.6944 | -0.4296 | JIZ | FUJ | SGN |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1681 | 2000/08/04,23:55 | 34.3 | 139.2 | 5 | 4.6 | 9.43e15 | 62.96 | near Niijima island | 339 | 62 | -116 | 205 | 37 | -50 | -0.1559 | -0.0451 | 0.3746 | 0.8971 | 0.4105 | -0.7412 | FUJ | NAA | |
| 1682 | 2000/08/05,03:41 | 33.9 | 139.4 | 5 | 4.2 | 2.20e15 | 88.81 | near Miyakejima island | 4 | 87 | -57 | 99 | 33 | -175 | -0.0744 | 0.5320 | -0.0982 | 0.1557 | 0.8312 | -0.0813 | JIZ | FUJ | SGN |
| 1683 | 2000/08/05,03:55 | 34.3 | 139.2 | 23 | 4.3 | 3.49e15 | 85.60 | near Niijima island | 5 | 86 | -16 | 96 | 74 | -176 | -0.1302 | 0.9435 | -0.0588 | 0.2322 | 0.2687 | -0.1021 | JIZ | SGN | NAA |
| 1684 | 2000/08/05,04:15 | 34.3 | 139.3 | 5 | 4.7 | 1.33e16 | 93.11 | near Niijima island | 312 | 66 | -91 | 135 | 24 | -87 | 0.3813 | 0.4161 | 0.5071 | 0.3217 | 0.4414 | -0.7030 | JIZ | FUJ | SGN |
| 1685 | 2000/08/05,06:03 | 34.2 | 139.3 | 5 | 4.5 | 5.46e15 | 95.13 | near Niijima island | 169 | 80 | -27 | 264 | 64 | -169 | 0.4138 | 0.8856 | -0.0955 | -0.0619 | -0.3513 | -0.3518 | JIZ | FUJ | SGN |
| 1686 | 2000/08/05,11:56 | 34.2 | 139.3 | 5 | 3.8 | 5.08e14 | 94.38 | near Niijima island | 346 | 79 | -25 | 82 | 66 | -167 | 0.4741 | 0.8547 | 0.0065 | -0.1849 | 0.3510 | -0.2892 | JIZ | FUJ | SGN |
| 1687 | 2000/08/05,12:44 | 34.2 | 139.3 | 5 | 4.0 | 1.30e15 | 93.85 | near Niijima island | 358 | 77 | -36 | 97 | 55 | -164 | 0.0499 | 0.8418 | 0.0051 | 0.3185 | 0.4676 | -0.3684 | JIZ | FUJ | SGN |
| 1688 | 2000/08/05,13:02 | 34.2 | 139.2 | 5 | 3.9 | 7.22e14 | 92.84 | near Niijima island | 300 | 52 | -126 | 170 | 50 | -53 | 0.1969 | 0.5518 | 0.3721 | 0.5948 | -0.2193 | -0.7917 | JIZ | FUJ | SGN |
| 1689 | 2000/08/05,14:25 | 33.8 | 139.4 | 5 | 3.9 | 8.68e14 | 88.47 | near Miyakejima island | 18 | 80 | -43 | 118 | 48 | -166 | -0.4311 | 0.4985 | -0.2504 | 0.6930 | 0.5734 | -0.2619 | JIZ | FUJ | SGN |
| 1690 | 2000/08/05,18:26 | 34.2 | 139.3 | 5 | 4.9 | 2.33e16 | 88.80 | near Niijima island | 160 | 59 | -64 | 297 | 40 | -126 | 0.2459 | 0.6703 | -0.0220 | 0.4838 | -0.4100 | -0.7297 | JIZ | SGN | TTO |
| 1691 | 2000/08/05,18:54 | 31.9 | 140.6 | 26 | 4.3 | 3.42e15 | 80.51 | near Torishima is | 106 | 70 | -156 | 7 | 68 | -21 | -0.2217 | 0.7948 | -0.3977 | 0.4645 | 0.2169 | -0.2428 | JIZ | | |
| 1692 | 2000/08/06,05:10 | 34.2 | 139.3 | 5 | 3.8 | 5.98e14 | 73.79 | near Niijima island | 322 | 73 | -76 | 101 | 21 | -129 | 0.4180 | 0.3287 | 0.4581 | 0.0998 | 0.6748 | -0.5178 | JIZ | SGN | TTO |
| 1693 | 2000/08/06,11:55 | 34.2 | 139.3 | 8 | 4.7 | 1.48e16 | 92.27 | near Niijima island | 357 | 89 | -11 | 87 | 79 | -179 | 0.2223 | 0.9827 | 0.0606 | 0.0511 | 0.1717 | -0.2734 | JIZ | FUJ | SGN |
| 1694 | 2000/08/06,14:13 | 34.2 | 139.3 | 5 | 4.0 | 9.52e14 | 69.31 | near Niijima island | 297 | 61 | -99 | 135 | 30 | -74 | 0.5523 | 0.4188 | 0.5022 | 0.2839 | 0.1745 | -0.8363 | JIZ | SGN | ONS |
| 1695 | 2000/08/06,17:38 | 34.1 | 139.4 | 11 | 4.6 | 1.01e16 | 93.43 | near Miyakejima island | 7 | 81 | -22 | 100 | 68 | -170 | -0.1737 | 0.8843 | -0.1277 | 0.3868 | 0.3178 | -0.2131 | JIZ | FUJ | SGN |
| 1696 | 2000/08/06,17:43 | 34.1 | 139.3 | 8 | 3.9 | 8.69e14 | 76.83 | near Miyakejima island | 24 | 88 | -16 | 114 | 74 | -178 | -0.6245 | 0.6363 | -0.0672 | 0.8267 | 0.2521 | -0.2022 | JIZ | FUJ | SGN |
| 1697 | 2000/08/07,00:48 | 34.3 | 139.2 | 5 | 3.8 | 6.26e14 | 93.21 | near Niijima island | 293 | 62 | -107 | 147 | 32 | -61 | 0.4792 | 0.4741 | 0.5493 | 0.3008 | 0.0891 | -0.7800 | JIZ | FUJ | SGN |
| 1698 | 2000/08/07,03:02 | 36.8 | 135.6 | 8 | 3.5 | 2.00e14 | 62.56 | NW off Hokuriku District | 340 | 67 | 48 | 226 | 47 | 147 | 0.3354 | 0.2856 | -0.4235 | -0.8736 | -0.3906 | 0.5382 | ABU | TTO | KZK |
| 1699 | 2000/08/07,04:48 | 34.2 | 139.3 | 20 | 3.9 | 9.39e14 | 86.56 | near Niijima island | 140 | 84 | 149 | 233 | 59 | 7 | -0.9364 | -0.2239 | 0.3322 | 0.7362 | 0.3604 | 0.2003 | JIZ | FUJ | SGN |
| 1700 | 2000/08/07,05:23 | 29.0 | 131.1 | 62 | 5.6 | 3.32e17 | 67.98 | near Amami-Oshima island | 359 | 83 | 25 | 266 | 66 | 172 | 0.0236 | 0.9032 | -0.0860 | -0.1697 | -0.3942 | 0.1462 | AMM | TKA | SBR |
| 1701 | 2000/08/07,06:01 | 34.2 | 139.2 | 5 | 3.8 | 6.64e14 | 67.56 | near Niijima island | 337 | 63 | -43 | 90 | 53 | -145 | 0.5548 | 0.6488 | -0.1506 | 0.0005 | 0.4983 | -0.5553 | JIZ | SGN | |
| 1702 | 2000/08/07,08:41 | 34.2 | 139.3 | 5 | 4.1 | 1.53e15 | 88.39 | near Niijima island | 314 | 61 | -95 | 145 | 29 | -81 | 0.3804 | 0.3551 | 0.4203 | 0.5040 | 0.3388 | -0.8844 | JIZ | FUJ | SGN |
| 1703 | 2000/08/07,09:04 | 34.2 | 139.3 | 5 | 4.2 | 2.43e15 | 92.80 | near Niijima island | 347 | 72 | -47 | 96 | 46 | -154 | 0.2933 | 0.7075 | -0.0152 | 0.1565 | 0.5921 | -0.4498 | JIZ | FUJ | SGN |
| 1704 | 2000/08/07,10:19 | 34.1 | 139.3 | 8 | 4.0 | 9.82e14 | 94.32 | near Miyakejima island | 89 | 79 | -168 | 357 | 79 | -11 | 0.2009 | 0.9724 | -0.1319 | 0.0557 | 0.1214 | -0.2566 | JIZ | FUJ | SGN |
| 1705 | 2000/08/07,13:06 | 34.2 | 139.2 | 5 | 3.7 | 3.58e14 | 95.24 | near Niijima island | 245 | 86 | -172 | 155 | 82 | -4 | 0.8351 | 0.6402 | 0.0985 | -0.6749 | -0.0811 | -0.1602 | JIZ | FUJ | SGN |
| 1706 | 2000/08/07,13:45 | 34.2 | 139.2 | 8 | 3.7 | 4.48e14 | 91.61 | near Niijima island | 143 | 84 | 11 | 52 | 79 | 174 | 1.0093 | 0.2544 | 0.2591 | -0.8629 | 0.0766 | -0.1463 | JIZ | FUJ | TTO |
| 1707 | 2000/08/07,13:58 | 34.2 | 139.2 | 5 | 3.7 | 4.05e14 | 91.89 | near Niijima island | 253 | 80 | -138 | 154 | 48 | -14 | 0.7107 | 0.5228 | 0.5820 | -0.4226 | -0.1729 | -0.2881 | JIZ | FUJ | SGN |
| 1708 | 2000/08/07,14:25 | 34.2 | 139.2 | 14 | 4.1 | 1.73e15 | 90.16 | near Niijima island | 91 | 88 | 176 | 181 | 86 | 2 | 0.0357 | 0.9972 | 0.0744 | 0.1216 | 0.0460 | -0.1574 | JIZ | FUJ | SGN |
| 1709 | 2000/08/07,14:27 | 34.2 | 139.2 | 5 | 4.0 | 1.16e15 | 94.24 | near Niijima island | 10 | 90 | -46 | 100 | 44 | -179 | -0.2373 | 0.6444 | -0.1119 | 0.2530 | 0.7133 | -0.0158 | JIZ | FUJ | SGN |
| 1710 | 2000/08/07,15:27 | 34.2 | 139.3 | 5 | 4.1 | 1.47e15 | 65.44 | near Niijima island | 62 | 80 | -164 | 329 | 74 | -10 | 0.8795 | 0.4816 | -0.1521 | -0.7611 | 0.2522 | -0.1185 | JIZ | FUJ | SGN |
| 1711 | 2000/08/07,15:50 | 34.3 | 139.3 | 8 | 4.3 | 3.12e15 | 55.19 | near Niijima island | 173 | 82 | 34 | 77 | 57 | 170 | 0.2013 | 0.7735 | 0.2680 | -0.2968 | 0.5194 | 0.0954 | JIZ | FUJ | SGN |
| 1712 | 2000/08/07,16:26 | 34.2 | 139.2 | 5 | 4.0 | 1.31e15 | 64.89 | near Niijima island | 69 | 75 | -146 | 329 | 57 | -17 | 0.8944 | 0.4915 | -0.3818 | -0.5160 | 0.2065 | -0.3784 | JIZ | SGN | TTO |
| 1713 | 2000/08/07,16:43 | 34.2 | 139.2 | 5 | 3.9 | 7.97e14 | 70.06 | near Niijima island | 55 | 88 | -175 | 325 | 85 | -2 | 0.7917 | 0.3350 | -0.0398 | -1.0792 | 0.1226 | 0.2875 | JIZ | SGN | |
| 1714 | 2000/08/07,16:52 | 34.2 | 139.2 | 5 | 4.2 | 2.21e15 | 88.00 | near Niijima island | 161 | 83 | -56 | 261 | 35 | -168 | 0.3894 | 0.4792 | -0.1602 | -0.1871 | -0.7980 | -0.2023 | JIZ | FUJ | SGN |
| 1715 | 2000/08/07,17:30 | 34.3 | 139.3 | 5 | 4.2 | 2.19e15 | 93.01 | near Niijima island | 321 | 73 | -46 | 67 | 47 | -157 | 0.8196 | 0.3553 | 0.2400 | -0.4188 | 0.5593 | -0.4008 | JIZ | FUJ | SGN |
| 1716 | 2000/08/07,17:59 | 34.2 | 139.3 | 5 | 4.3 | 3.65e15 | 94.09 | near Niijima island | 161 | 67 | -53 | 278 | 43 | -144 | 0.4067 | 0.6269 | 0.0275 | 0.1724 | -0.5832 | -0.5791 | JIZ | FUJ | SGN |
| 1717 | 2000/08/07,20:10 | 31.5 | 129.0 | 8 | 3.7 | 3.49e14 | 79.04 | SW off Kyushu | 32 | 87 | 145 | 125 | 55 | 4 | 0.7431 | -0.3639 | 0.4924 | -0.6923 | -0.3843 | -0.0508 | FUK | SBR | |
| 1718 | 2000/08/08,00:12 | 37.0 | 138.0 | 11 | 3.6 | 3.15e14 | 75.19 | SW Niigata pref | 190 | 53 | 71 | 40 | 41 | 114 | -0.0155 | 0.4687 | 0.1012 | -0.8368 | 0.2729 | 0.8522 | KZK | ONS | TTO |
| 1719 | 2000/08/08,04:07 | 34.2 | 139.3 | 8 | 3.7 | 3.95e14 | 75.42 | near Niijima island | 24 | 77 | -15 | 118 | 75 | -167 | -0.5876 | 0.5876 | -0.1555 | 0.9461 | 0.0952 | -0.3585 | JIZ | FUJ | TTO |
| 1720 | 2000/08/08,04:54 | 36.5 | 141.0 | 38 | 3.8 | 4.92e14 | 85.49 | E off Ibaraki pref | 227 | 75 | 70 | 102 | 25 | 142 | -0.5760 | 0.2264 | -0.5459 | 0.1204 | 0.6133 | 0.4555 | YMZ | ONS | KZK |
| 1721 | 2000/08/08,05:58 | 34.2 | 139.3 | 5 | 4.4 | 4.48e15 | 91.76 | near Niijima island | 143 | 49 | -65 | 288 | 47 | -116 | 0.6307 | 0.5893 | 0.1086 | 0.2285 | -0.2375 | -0.8592 | JIZ | FUJ | SGN |
| 1722 | 2000/08/08,06:42 | 34.2 | 139.3 | 5 | 3.8 | 5.09e14 | 90.09 | near Niijima island | 281 | 51 | -122 | 146 | 49 | -57 | 0.6447 | 0.5667 | 0.2240 | 0.1733 | -0.2711 | -0.8180 | JIZ | SGN | ONS |
| 1723 | 2000/08/08,09:32 | 34.2 | 139.3 | 5 | 4.0 | 9.75e14 | 91.94 | near Niijima island | 148 | 60 | -73 | 297 | 34 | -116 | 0.4593 | 0.4829 | -0.1365 | 0.3684 | -0.4828 | -0.8276 | JIZ | SGN | ONS |
| 1724 | 2000/08/08,13:48 | 40.1 | 143.0 | 26 | 4.0 | 1.08e15 | 90.90 | far E off Sanriku | 28 | 72 | 96 | 188 | 19 | 71 | -0.0193 | 0.1948 | 0.4027 | -0.5504 | -0.7007 | 0.5697 | TMR | KSN | GJM |
| 1725 | 2000/08/08,14:04 | 34.2 | 139.3 | 8 | 4.0 | 1.24e15 | 91.36 | near Niijima island | 325 | 84 | -70 | 71 | 21 | -162 | 0.3671 | 0.2337 | 0.5188 | -0.1831 | 0.7574 | -0.1840 | JIZ | FUJ | SGN |
| 1726 | 2000/08/08,16:25 | 34.2 | 139.3 | 5 | 3.6 | 2.66e14 | 88.71 | near Niijima island | 232 | 59 | -42 | 347 | 55 | -141 | -0.2491 | -0.4453 | 0.4774 | 0.8427 | 0.1182 | -0.5936 | JIZ | FUJ | SGN |
| 1727 | 2000/08/08,19:29 | 34.3 | 139.2 | 5 | 4.6 | 8.39e15 | 84.26 | near Niijima island | 330 | 50 | -107 | 176 | 43 | -70 | 0.0426 | 0.2948 | 0.2560 | 0.8966 | 0.0576 | -0.9392 | JIZ | FUJ | NAA |
| 1728 | 2000/08/08,21:02 | 43.1 | 145.4 | 68 | 3.6 | 2.68e14 | 80.18 | off Nemuro peninsula | 263 | 68 | -139 | 156 | 53 | -27 | 0.5696 | 0.6201 | 0.4570 | -0.1430 | -0.3879 | -0.4265 | URH | | |
| 1729 | 2000/08/09,03:02 | 34.2 | 139.2 | 5 | 4.5 | 6.56e15 | 92.27 | near Niijima island | 307 | 48 | -86 | 122 | 43 | -94 | 0.6757 | 0.4564 | 0.0425 | 0.3248 | 0.0926 | -1.0005 | JIZ | FUJ | SGN |
| 1730 | 2000/08/09,03:06 | 34.2 | 139.2 | 5 | 4.5 | 6.65e15 | 90.57 | near Niijima island | 332 | 67 | -73 | 113 | 28 | -125 | 0.3568 | 0.4798 | 0.2345 | 0.3043 | 0.6237 | -0.6611 | JIZ | FUJ | SGN |
| 1731 | 2000/08/09,10:03 | 34.3 | 139.3 | 5 | 4.1 | 1.52e15 | 90.31 | near Niijima island | 340 | 66 | -105 | 194 | 29 | -59 | -0.0606 | 0.0363 | 0.3219 | 0.7913 | 0.5606 | -0.7306 | FUJ | TTO | NAA |
| 1732 | 2000/08/09,20:15 | 34.1 | 139.3 | 14 | 3.7 | 4.50e14 | 57.73 | near Miyakejima island | 291 | 79 | 131 | 33 | 42 | 17 | -0.6309 | 0.4031 | -0.5911 | 0.3528 | -0.4404 | 0.2782 | JIZ | FUJ | |
| 1733 | 2000/08/10,02:02 | 34.1 | 139.3 | 8 | 4.0 | 1.25e15 | 80.35 | near Miyakejima island | 103 | 85 | -175 | 12 | 85 | -5 | -0.3853 | 0.9006 | -0.0958 | 0.4512 | 0.0553 | -0.0659 | JIZ | SGN | TTO |
| 1734 | 2000/08/10,02:37 | 32.8 | 130.8 | 11 | 3.9 | 7.20e14 | 78.33 | NW Kumamoto pref | 28 | 69 | -154 | 288 | 66 | -23 | 0.8168 | -0.6032 | 0.1029 | -0.4576 | 0.3649 | -0.3592 | SBR | YTY | FUK |
| 1735 | 2000/08/10,04:40 | 34.2 | 139.3 | 5 | 4.4 | 4.04e15 | 94.84 | near Niijima island | 170 | 59 | -47 | 289 | 52 | -138 | 0.2246 | 0.6771 | 0.2722 | 0.4239 | -0.3783 | -0.6485 | JIZ | SGN | TTO |
| 1736 | 2000/08/10,07:03 | 34.2 | 139.2 | 5 | 3.7 | 4.60e14 | 91.50 | near Niijima island | 164 | 63 | -37 | 273 | 58 | -147 | 0.4654 | 0.8316 | 0.1118 | 0.0926 | -0.2886 | -0.5579 | FUJ | SGN | TTO |
| 1737 | 2000/08/10,17:25 | 37.0 | 138.0 | 11 | 3.6 | 2.49e14 | 52.70 | SW Niigata pref | 33 | 57 | 103 | 190 | 35 | 71 | -0.1811 | 0.2524 | 0.3454 | -0.7732 | -0.2462 | 0.9543 | KZK | ONS | |
| 1738 | 2000/08/10,21:21 | 27.7 | 129.0 | 11 | 3.6 | 2.51e14 | 86.51 | near Amami-Oshima island | 177 | 53 | -57 | 310 | 48 | -126 | 0.1570 | 0.3850 | 0.4195 | 0.6935 | -0.3094 | -0.8505 | AMM | | |
| 1739 | 2000/08/11,13:22 | 34.4 | 139.3 | 17 | 3.8 | 6.19e14 | 84.89 | near Niijima island | 99 | 86 | -171 | 9 | 81 | -4 | -0.2132 | 0.9410 | -0.1358 | 0.3966 | 0.0105 | -0.1834 | JIZ | SGN | NAA |
| 1740 | 2000/08/11,13:47 | 42.2 | 140.7 | 8 | 3.6 | 2.79e14 | 76.59 | Uchiura bay region | 188 | 65 | 113 | 322 | 33 | 50 | 0.0321 | -0.2476 | -0.2710 | -0.7494 | 0.5711 | 0.7173 | HSS | KMU | URH |
| 1741 | 2000/08/11,17:39 | 35.1 | 138.3 | 26 | 3.6 | 2.48e14 | 93.33 | central Shizuoka pref | 311 | 63 | 138 | 63 | 53 | 34 | -0.9468 | -0.1752 | -0.0710 | 0.4157 | -0.5385 | 0.5311 | SGN | TTO | |
| 1742 | 2000/08/11,23:57 | 34.2 | 139.3 | 5 | 3.9 | 7.44e14 | 92.00 | near Niijima island | 162 | 68 | -48 | 275 | 46 | -148 | 0.3863 | 0.7517 | -0.0545 | 0.1518 | -0.4886 | -0.5381 | JIZ | FUJ | SGN |
| 1743 | 2000/08/12,16:44 | 33.9 | 139.4 | 17 | 3.9 | 7.23e14 | 81.71 | near Miyakejima island | 359 | 82 | -19 | 91 | 72 | -172 | 0.0423 | 0.9407 | -0.1165 | 0.0485 | 0.3097 | -0.0908 | JIZ | SGN | ONS |
| 1744 | 2000/08/12,16:46 | 33.9 | 139.4 | 8 | 4.3 | 2.98e15 | 93.46 | near Miyakejima island | 359 | 81 | -32 | 94 | 58 | -170 | 0.0418 | 0.8473 | -0.0631 | 0.1645 | 0.4950 | -0.2063 | JIZ | FUJ | SGN |
| 1745 | 2000/08/12,17:19 | 34.2 | 139.2 | 5 | 4.5 | 6.62e15 | 94.44 | near Niijima island | 325 | 68 | -47 | 77 | 48 | -149 | 0.7763 | 0.4756 | 0.1100 | -0.2603 | 0.5422 | -0.5160 | JIZ | FUJ | SGN |
| 1746 | 2000/08/12,19:04 | 34.2 | 139.4 | 5 | 4.0 | 1.21e15 | 87.30 | near Miyakejima island | 348 | 54 | -55 | 118 | 49 | -128 | 0.2185 | 0.5795 | -0.2836 | 0.5571 | 0.3109 | -0.7756 | JIZ | SGN | NAA |
| 1747 | 2000/08/13,05:20 | 40.3 | 145.0 | 11 | 4.1 | 1.85e15 | 61.15 | far E off north Honshu | 13 | 59 | -67 | 154 | 38 | -123 | -0.1520 | 0.1172 | -0.2721 | 0.9446 | 0.3772 | -0.7926 | URH | TMR | KSN |
| 1748 | 2000/08/13,06:46 | 34.2 | 139.3 | 11 | 4.3 | 3.42e15 | 88.80 | near Niijima island | 102 | 81 | -166 | 10 | 76 | -9 | -0.1765 | 0.9114 | -0.1657 | 0.5240 | 0.0127 | -0.3475 | JIZ | SGN | NAA |
| 1749 | 2000/08/13,08:32 | 34.3 | 139.2 | 17 | 4.5 | 7.45e15 | 92.04 | near Niijima island | 310 | 86 | 166 | 41 | 76 | 4 | -0.9716 | 0.1390 | -0.1360 | 0.9455 | -0.2046 | 0.0261 | JIZ | FUJ | TTO |
| 1750 | 2000/08/13,13:22 | 27.1 | 128.2 | 8 | 3.5 | 1.89e14 | 78.06 | near Okinawajima island | 178 | 79 | -15 | 271 | 75 | -168 | 0.1748 | 0.9667 | 0.0848 | 0.1565 | -0.1683 | -0.3313 | AMM | | |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1751 | 2000/08/13,23:09 | 34.3 | 139.2 | 5 | 3.6 | 2.92e14 | 61.94 | near Niijima island | 331 | 58 | -105 | 178 | 35 | -68 | 0.0688 | 0.2223 | 0.3426 | 0.8311 | 0.2871 | -0.8999 | JIZ | SGN | TTO |
| 1752 | 2000/08/14,07:33 | 35.8 | 140.2 | 71 | 4.1 | 1.84e15 | 94.55 | northern Chiba pref | 353 | 68 | 79 | 200 | 25 | 115 | 0.0552 | 0.0823 | -0.1509 | -0.7300 | -0.6884 | 0.6748 | ONS | SGN | KZK |
| 1753 | 2000/08/14,15:37 | 34.0 | 139.5 | 14 | 4.3 | 2.68e15 | 89.16 | near Miyakejima island | 13 | 80 | -12 | 106 | 78 | -169 | -0.3512 | 0.8487 | -0.1488 | 0.5982 | 0.1133 | -0.2470 | JIZ | FUJ | SGN |
| 1754 | 2000/08/14,18:39 | 34.2 | 139.3 | 5 | 4.9 | 2.22e16 | 94.45 | near Niijima island | 161 | 61 | -45 | 277 | 51 | -142 | 0.4568 | 0.7441 | 0.1054 | 0.1538 | -0.3874 | -0.6106 | JIZ | FUJ | SGN |
| 1755 | 2000/08/14,18:55 | 36.2 | 140.0 | 44 | 3.9 | 8.85e14 | 76.43 | SW Ibaraki pref | 215 | 79 | -69 | 333 | 23 | -150 | -0.1565 | -0.0034 | 0.5969 | 0.5527 | -0.6386 | -0.3962 | YMZ | KZK | |
| 1756 | 2000/08/14,23:19 | 32.0 | 131.9 | 32 | 4.3 | 3.09e15 | 81.21 | Hyuganada region | 22 | 73 | 92 | 194 | 18 | 82 | -0.0852 | 0.1476 | 0.3226 | -0.5051 | -0.7550 | 0.5902 | TKD | SBR | YTY |
| 1757 | 2000/08/15,05:37 | 34.2 | 139.2 | 14 | 4.4 | 5.07e15 | 85.24 | near Niijima island | 190 | 87 | 15 | 100 | 75 | 177 | -0.2304 | 0.8948 | 0.1049 | 0.4506 | 0.3091 | -0.2202 | JIZ | SGN | |
| 1758 | 2000/08/15,06:04 | 34.2 | 139.3 | 20 | 4.2 | 2.13e15 | 56.34 | near Niijima island | 345 | 76 | 43 | 242 | 49 | 161 | 0.3438 | 0.5327 | -0.3198 | -0.6616 | -0.5331 | 0.3177 | JIZ | FUJ | SGN |
| 1759 | 2000/08/15,08:16 | 34.3 | 139.2 | 5 | 3.6 | 3.01e14 | 68.36 | near Niijima island | 276 | 73 | -143 | 173 | 55 | -21 | 0.2555 | 0.8268 | 0.4508 | 0.1521 | -0.0762 | -0.4076 | JIZ | SGN | TTO |
| 1760 | 2000/08/15,08:59 | 34.2 | 139.3 | 5 | 3.9 | 6.80e14 | 91.71 | near Niijima island | 148 | 78 | -58 | 255 | 34 | -159 | 0.5740 | 0.3626 | -0.3100 | -0.2347 | -0.7223 | -0.3393 | JIZ | FUJ | SGN |
| 1761 | 2000/08/15,12:05 | 34.2 | 139.3 | 5 | 3.8 | 5.28e14 | 86.86 | near Niijima island | 166 | 75 | -50 | 273 | 43 | -157 | 0.3003 | 0.6782 | -0.0529 | 0.0996 | -0.6446 | -0.3999 | JIZ | FUJ | SGN |
| 1762 | 2000/08/15,12:40 | 34.2 | 139.3 | 17 | 3.5 | 2.36e14 | 90.11 | near Niijima island | 272 | 87 | 176 | 2 | 86 | 3 | -0.1131 | 0.9920 | -0.0706 | 0.0289 | -0.0388 | 0.0842 | JIZ | SGN | ONS |
| 1763 | 2000/08/15,12:43 | 34.2 | 139.3 | 5 | 3.7 | 4.38e14 | 89.93 | near Niijima island | 319 | 75 | -54 | 69 | 39 | -155 | 0.7452 | 0.3322 | 0.3714 | -0.3364 | 0.5815 | -0.4088 | JIZ | FUJ | SGN |
| 1764 | 2000/08/15,13:12 | 34.2 | 139.3 | 5 | 3.8 | 5.93e14 | 57.68 | near Niijima island | 152 | 63 | -42 | 265 | 53 | -146 | 0.6787 | 0.6382 | 0.0722 | -0.1253 | -0.4503 | -0.5534 | JIZ | FUJ | SGN |
| 1765 | 2000/08/15,13:29 | 34.1 | 139.3 | 20 | 3.8 | 5.93e14 | 92.27 | near Miyakejima island | 358 | 86 | -9 | 89 | 81 | -176 | 0.0582 | 0.9824 | -0.0687 | -0.0617 | 0.1683 | 0.0035 | JIZ | SGN | ONS |
| 1766 | 2000/08/15,13:35 | 34.2 | 139.3 | 5 | 3.8 | 4.77e14 | 72.39 | near Niijima island | 319 | 62 | -100 | 159 | 30 | -72 | 0.1782 | 0.4343 | 0.4085 | 0.6143 | 0.3604 | -0.7925 | JIZ | NAA | |
| 1767 | 2000/08/15,13:39 | 34.1 | 139.3 | 5 | 4.1 | 1.42e15 | 93.10 | near Miyakejima island | 158 | 69 | -59 | 280 | 37 | -143 | 0.3992 | 0.5610 | -0.0843 | 0.1757 | -0.6490 | -0.5748 | JIZ | FUJ | SGN |
| 1768 | 2000/08/15,13:47 | 34.2 | 139.3 | 14 | 4.7 | 1.06e16 | 89.35 | near Niijima island | 110 | 80 | -151 | 15 | 62 | -11 | -0.4095 | 0.7188 | -0.4775 | 0.5733 | -0.0188 | -0.1638 | JIZ | FUJ | SGN |
| 1769 | 2000/08/15,14:02 | 34.1 | 139.3 | 5 | 4.6 | 9.18e15 | 93.09 | near Miyakejima island | 349 | 70 | -51 | 102 | 43 | -150 | 0.2041 | 0.6857 | -0.0105 | 0.2972 | 0.5922 | -0.5013 | JIZ | FUJ | SGN |
| 1770 | 2000/08/15,14:10 | 34.1 | 139.3 | 8 | 3.9 | 7.66e14 | 86.77 | near Miyakejima island | 18 | 90 | -32 | 108 | 58 | -180 | -0.4917 | 0.6675 | -0.0875 | 0.5640 | 0.5246 | -0.0722 | JIZ | SGN | ONS |
| 1771 | 2000/08/15,14:19 | 34.1 | 139.3 | 5 | 4.0 | 1.07e15 | 95.38 | near Miyakejima island | 162 | 80 | -60 | 269 | 32 | -161 | 0.3192 | 0.4816 | -0.1588 | -0.0238 | -0.8015 | -0.2954 | JIZ | FUJ | SGN |
| 1772 | 2000/08/15,14:41 | 34.1 | 139.3 | 14 | 3.8 | 5.25e14 | 93.30 | near Miyakejima island | 4 | 82 | -16 | 96 | 74 | -172 | -0.1313 | 0.9397 | -0.1478 | 0.2014 | 0.2542 | -0.0700 | JIZ | SGN | ONS |
| 1773 | 2000/08/15,14:52 | 34.2 | 139.3 | 5 | 4.0 | 1.21e15 | 94.45 | near Niijima island | 163 | 82 | -39 | 259 | 52 | -169 | 0.4572 | 0.7369 | -0.2043 | -0.1952 | -0.5360 | -0.2620 | JIZ | FUJ | SGN |
| 1774 | 2000/08/15,15:03 | 34.2 | 139.4 | 5 | 5.2 | 6.61e16 | 91.63 | near Miyakejima island | 344 | 63 | -58 | 110 | 41 | -136 | 0.2721 | 0.6224 | -0.0464 | 0.3968 | 0.5247 | -0.6689 | JIZ | SGN | NAA |
| 1775 | 2000/08/15,15:12 | 34.1 | 139.4 | 11 | 4.4 | 4.84e15 | 91.00 | near Miyakejima island | 85 | 84 | -163 | 354 | 74 | -6 | 0.2285 | 0.9389 | -0.2662 | -0.1333 | 0.0965 | -0.0953 | JIZ | SGN | TTO |
| 1776 | 2000/08/15,15:35 | 34.2 | 139.3 | 5 | 4.1 | 1.60e15 | 87.15 | near Niijima island | 152 | 88 | 27 | 61 | 63 | 177 | 0.7258 | 0.4829 | 0.2483 | -0.7633 | 0.3891 | 0.0375 | JIZ | FUJ | SGN |
| 1777 | 2000/08/15,15:38 | 34.2 | 139.3 | 5 | 4.0 | 1.15e15 | 70.27 | near Niijima island | 334 | 72 | -69 | 103 | 27 | -138 | 0.3645 | 0.4268 | 0.2345 | 0.1813 | 0.7319 | -0.5458 | JIZ | FUJ | SGN |
| 1778 | 2000/08/15,15:41 | 34.2 | 139.3 | 5 | 3.9 | 7.57e14 | 83.22 | near Niijima island | 133 | 62 | -89 | 311 | 28 | -92 | 0.4669 | 0.3954 | -0.3921 | 0.3825 | -0.3855 | -0.8494 | JIZ | SGN | |
| 1779 | 2000/08/15,15:55 | 34.1 | 139.3 | 5 | 5.2 | 7.84e16 | 89.89 | near Miyakejima island | 152 | 60 | -62 | 286 | 40 | -129 | 0.5013 | 0.5325 | 0.0030 | 0.2669 | -0.5111 | -0.7682 | SGN | TTO | ONS |
| 1780 | 2000/08/15,16:12 | 34.1 | 139.3 | 5 | 3.9 | 6.99e14 | 69.91 | near Miyakejima island | 159 | 62 | -37 | 268 | 58 | -147 | 0.5214 | 0.6725 | 0.2500 | -0.0385 | -0.4825 | -0.4829 | JIZ | SGN | |
| 1781 | 2000/08/15,16:23 | 34.1 | 139.3 | 5 | 4.0 | 1.32e15 | 84.37 | near Miyakejima island | 159 | 72 | -54 | 272 | 40 | -151 | 0.4451 | 0.5617 | -0.0499 | 0.0346 | -0.6791 | -0.4797 | JIZ | SGN | TTO |
| 1782 | 2000/08/15,16:38 | 34.2 | 139.3 | 5 | 4.2 | 2.10e15 | 90.50 | near Niijima island | 148 | 71 | -69 | 278 | 28 | -136 | 0.4605 | 0.4104 | -0.2877 | 0.1105 | -0.6851 | -0.5710 | JIZ | SGN | TTO |
| 1783 | 2000/08/15,16:43 | 34.2 | 139.4 | 5 | 4.4 | 4.72e15 | 86.66 | near Miyakejima island | 334 | 65 | -66 | 108 | 35 | -131 | 0.3888 | 0.5923 | 0.1521 | 0.2803 | 0.5508 | -0.6692 | JIZ | SGN | NAA |
| 1784 | 2000/08/15,16:50 | 34.2 | 139.4 | 5 | 4.5 | 5.38e15 | 94.50 | near Miyakejima island | 343 | 81 | -37 | 80 | 54 | -169 | 0.4504 | 0.7249 | 0.0671 | -0.2413 | 0.5660 | -0.2091 | JIZ | FUJ | SGN |
| 1785 | 2000/08/15,16:57 | 34.1 | 139.4 | 5 | 4.1 | 1.48e15 | 91.84 | near Miyakejima island | 330 | 56 | -57 | 101 | 46 | -129 | 0.5841 | 0.5815 | -0.0926 | 0.1881 | 0.4132 | -0.7722 | JIZ | SGN | TTO |
| 1786 | 2000/08/15,17:07 | 34.2 | 139.3 | 5 | 4.8 | 1.51e16 | 90.62 | near Niijima island | 334 | 63 | -69 | 113 | 34 | -125 | 0.3878 | 0.5336 | 0.1065 | 0.3538 | 0.5373 | -0.7416 | JIZ | FUJ | SGN |
| 1787 | 2000/08/15,17:22 | 34.2 | 139.4 | 5 | 5.2 | 6.08e16 | 88.07 | near Miyakejima island | 141 | 56 | -73 | 291 | 38 | -114 | 0.5992 | 0.4780 | -0.0995 | 0.2851 | -0.3877 | -0.8843 | SGN | TTO | ONS |
| 1788 | 2000/08/15,17:26 | 34.1 | 139.3 | 5 | 5.0 | 2.99e16 | 91.42 | near Miyakejima island | 154 | 56 | -71 | 303 | 39 | -115 | 0.3588 | 0.5358 | 0.0037 | 0.5084 | -0.3824 | -0.8672 | JIZ | FUJ | SGN |
| 1789 | 2000/08/15,17:37 | 34.2 | 139.3 | 5 | 5.2 | 6.25e16 | 89.18 | near Niijima island | 164 | 69 | -50 | 277 | 45 | -149 | 0.3315 | 0.7235 | -0.0432 | 0.1871 | -0.5403 | -0.5186 | SGN | TTO | ONS |
| 1790 | 2000/08/15,17:46 | 34.2 | 139.3 | 5 | 4.1 | 1.37e15 | 68.92 | near Niijima island | 269 | 68 | -138 | 160 | 51 | -29 | 0.5539 | 0.7285 | 0.4320 | -0.0486 | -0.1541 | -0.5053 | JIZ | FUJ | |
| 1791 | 2000/08/15,18:00 | 34.2 | 139.3 | 5 | 4.3 | 3.19e15 | 87.71 | near Niijima island | 164 | 76 | -55 | 273 | 38 | -156 | 0.3475 | 0.5630 | -0.0444 | 0.0486 | -0.7381 | -0.3960 | JIZ | SGN | TTO |
| 1792 | 2000/08/15,18:04 | 34.2 | 139.3 | 5 | 4.3 | 3.58e15 | 91.49 | near Niijima island | 340 | 79 | -55 | 86 | 36 | -161 | 0.3612 | 0.5739 | 0.2081 | -0.0528 | 0.7227 | -0.3084 | JIZ | FUJ | SGN |
| 1793 | 2000/08/15,18:09 | 34.1 | 139.4 | 8 | 4.3 | 3.18e15 | 90.97 | near Miyakejima island | 13 | 84 | -25 | 106 | 65 | -173 | -0.3426 | 0.7899 | -0.0737 | 0.5762 | 0.3851 | -0.2336 | JIZ | FUJ | SGN |
| 1794 | 2000/08/15,18:19 | 34.1 | 139.3 | 5 | 5.0 | 3.43e16 | 86.53 | near Miyakejima island | 144 | 49 | -82 | 312 | 41 | -99 | 0.4522 | 0.4721 | -0.0069 | 0.5467 | -0.1722 | -0.9990 | FUJ | SGN | ONS |
| 1795 | 2000/08/15,18:32 | 34.1 | 139.4 | 8 | 4.9 | 2.35e16 | 90.46 | near Miyakejima island | 15 | 84 | -22 | 107 | 68 | -174 | -0.3834 | 0.7894 | -0.0675 | 0.6338 | 0.3281 | -0.2504 | JIZ | FUJ | SGN |
| 1796 | 2000/08/15,18:36 | 34.2 | 139.4 | 5 | 4.3 | 3.62e15 | 89.71 | near Miyakejima island | 344 | 86 | -52 | 78 | 38 | -174 | 0.3127 | 0.5723 | 0.2340 | -0.2065 | 0.7385 | -0.1062 | JIZ | FUJ | SGN |
| 1797 | 2000/08/15,18:43 | 34.1 | 139.4 | 5 | 4.2 | 2.62e15 | 92.61 | near Miyakejima island | 155 | 82 | -47 | 253 | 43 | -169 | 0.5472 | 0.5161 | -0.2197 | -0.3493 | -0.6746 | -0.1979 | FUJ | SGN | ONS |
| 1798 | 2000/08/15,18:48 | 34.2 | 139.3 | 14 | 4.5 | 6.99e15 | 78.60 | near Niijima island | 78 | 85 | -173 | 347 | 83 | -5 | 0.3557 | 0.8950 | -0.1090 | -0.4693 | 0.1440 | 0.1137 | JIZ | FUJ | SGN |
| 1799 | 2000/08/15,18:57 | 34.1 | 139.4 | 8 | 4.2 | 2.59e15 | 80.30 | near Miyakejima island | 10 | 79 | -24 | 105 | 66 | -168 | -0.2780 | 0.8215 | -0.1340 | 0.5453 | 0.3256 | -0.2673 | JIZ | SGN | NAA |
| 1800 | 2000/08/15,19:03 | 34.1 | 139.4 | 11 | 4.8 | 1.86e16 | 93.62 | near Miyakejima island | 11 | 79 | -14 | 104 | 76 | -168 | -0.3335 | 0.8631 | -0.2062 | 0.4760 | 0.1794 | -0.1425 | JIZ | FUJ | SGN |
| 1801 | 2000/08/15,19:08 | 34.1 | 139.4 | 5 | 4.7 | 1.14e16 | 93.48 | near Miyakejima island | 160 | 77 | -65 | 275 | 28 | -152 | 0.2874 | 0.4639 | -0.2237 | 0.0925 | -0.7907 | -0.3799 | JIZ | SGN | TTO |
| 1802 | 2000/08/15,19:15 | 34.1 | 139.3 | 5 | 4.0 | 1.06e15 | 89.31 | near Miyakejima island | 160 | 66 | -46 | 273 | 49 | -147 | 0.4770 | 0.7146 | 0.0401 | 0.0738 | -0.4775 | -0.5508 | JIZ | FUJ | SGN |
| 1803 | 2000/08/15,19:19 | 34.1 | 139.3 | 20 | 4.3 | 3.03e15 | 90.28 | near Miyakejima island | 13 | 79 | -17 | 107 | 73 | -169 | -0.3861 | 0.8195 | -0.1977 | 0.5619 | 0.2102 | -0.1758 | JIZ | NAA | ONS |
| 1804 | 2000/08/15,19:24 | 34.2 | 139.4 | 11 | 4.8 | 1.83e16 | 85.81 | near Miyakejima island | 4 | 79 | -18 | 97 | 73 | -169 | -0.0915 | 0.9270 | -0.1534 | 0.2732 | 0.2540 | -0.1817 | JIZ | SGN | NAA |
| 1805 | 2000/08/15,19:32 | 34.2 | 139.4 | 5 | 4.6 | 9.65e15 | 88.31 | near Miyakejima island | 356 | 61 | -35 | 105 | 60 | -146 | 0.1019 | 0.7953 | -0.2974 | 0.4206 | 0.2548 | -0.5225 | JIZ | SGN | NAA |
| 1806 | 2000/08/15,19:47 | 34.1 | 139.4 | 5 | 4.0 | 1.08e15 | 73.24 | near Miyakejima island | 151 | 68 | -62 | 276 | 35 | -139 | 0.5169 | 0.5008 | -0.1595 | 0.0979 | -0.6276 | -0.6149 | JIZ | FUJ | SGN |
| 1807 | 2000/08/15,19:53 | 34.1 | 139.4 | 8 | 4.4 | 4.28e15 | 92.59 | near Miyakejima island | 6 | 78 | -29 | 103 | 62 | -166 | -0.1614 | 0.8277 | -0.1611 | 0.4312 | 0.3964 | -0.2697 | JIZ | FUJ | SGN |
| 1808 | 2000/08/15,19:59 | 34.1 | 139.4 | 8 | 4.4 | 5.27e15 | 93.65 | near Miyakejima island | 3 | 79 | -30 | 99 | 61 | -167 | -0.0671 | 0.8465 | -0.1250 | 0.3149 | 0.4374 | -0.2478 | JIZ | FUJ | SGN |
| 1809 | 2000/08/15,20:02 | 34.1 | 139.4 | 11 | 3.9 | 8.86e14 | 82.84 | near Miyakejima island | 191 | 80 | 28 | 96 | 63 | 168 | -0.3327 | 0.8233 | 0.1012 | 0.2012 | 0.4794 | 0.1315 | JIZ | SGN | ONS |
| 1810 | 2000/08/15,20:05 | 34.1 | 139.4 | 5 | 3.9 | 7.77e14 | 75.52 | near Miyakejima island | 346 | 81 | -73 | 103 | 19 | -152 | 0.1190 | 0.3468 | 0.1928 | 0.1566 | 0.8865 | -0.2756 | JIZ | SGN | |
| 1811 | 2000/08/15,20:08 | 34.1 | 139.3 | 26 | 4.0 | 1.03e15 | 92.67 | near Miyakejima island | 271 | 82 | 169 | 2 | 79 | 8 | -0.0870 | 0.9744 | -0.1881 | 0.0221 | -0.1273 | 0.0650 | JIZ | SGN | ONS |
| 1812 | 2000/08/15,20:16 | 34.1 | 139.4 | 11 | 4.3 | 2.96e15 | 92.99 | near Miyakejima island | 101 | 81 | -168 | 9 | 79 | -9 | -0.2377 | 0.9145 | -0.1720 | 0.4473 | 0.0753 | -0.2096 | JIZ | SGN | NAA |
| 1813 | 2000/08/15,20:21 | 42.9 | 146.8 | 44 | 5.9 | 8.05e17 | 56.46 | off Nemuro peninsula | 56 | 84 | 119 | 157 | 30 | 13 | 0.3184 | 0.2719 | 0.7364 | -0.5100 | -0.4299 | 0.1916 | URH | KMU | |
| 1814 | 2000/08/15,20:47 | 34.1 | 139.4 | 8 | 4.2 | 2.52e15 | 58.99 | near Miyakejima island | 356 | 72 | -52 | 107 | 42 | -153 | -0.0235 | 0.6868 | 0.0335 | 0.4862 | 0.5926 | -0.4627 | JIZ | SGN | NAA |
| 1815 | 2000/08/15,21:02 | 34.0 | 139.3 | 14 | 4.4 | 4.59e15 | 89.60 | near Miyakejima island | 14 | 83 | -11 | 105 | 79 | -173 | -0.4202 | 0.8584 | -0.1444 | 0.5149 | 0.1415 | -0.0947 | JIZ | SGN | NAA |
| 1816 | 2000/08/15,21:10 | 34.0 | 139.4 | 5 | 4.1 | 1.64e15 | 59.93 | near Miyakejima island | 3 | 78 | -44 | 105 | 47 | -164 | -0.0921 | 0.6791 | -0.1553 | 0.3824 | 0.6255 | -0.2903 | JIZ | SGN | ONS |
| 1817 | 2000/08/15,21:26 | 34.1 | 139.4 | 11 | 4.2 | 2.21e15 | 90.54 | near Miyakejima island | 358 | 86 | -39 | 91 | 51 | -174 | 0.0667 | 0.7799 | -0.0209 | 0.0328 | 0.6170 | -0.0995 | JIZ | FUJ | SGN |
| 1818 | 2000/08/15,21:31 | 34.2 | 139.3 | 5 | 4.2 | 2.16e15 | 60.32 | near Niijima island | 158 | 73 | -39 | 261 | 53 | -159 | 0.5890 | 0.7173 | -0.0763 | -0.1819 | -0.4782 | -0.4071 | FUJ | SGN | NAA |
| 1819 | 2000/08/15,21:35 | 34.1 | 139.3 | 5 | 4.1 | 1.54e15 | 82.86 | near Miyakejima island | 16 | 67 | -27 | 118 | 65 | -155 | -0.4083 | 0.6225 | -0.3150 | 0.8169 | 0.1712 | -0.4087 | JIZ | FUJ | SGN |
| 1820 | 2000/08/15,21:46 | 34.2 | 139.4 | 5 | 4.8 | 1.51e16 | 86.57 | near Miyakejima island | 148 | 57 | -72 | 298 | 37 | -115 | 0.4502 | 0.5608 | -0.0827 | 0.3883 | -0.3892 | -0.8386 | JIZ | FUJ | SGN |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1821 | 2000/08/15,21:52 | 34.1 | 139.3 | 5 | 4.0 | 1.15e15 | 59.41 | near Miyakejima island | 96 | 81 | -167 | 4 | 77 | -9 | -0.0492 | 0.9612 | -0.1801 | 0.3130 | 0.0528 | -0.2638 | JIZ | SGN | TTO |
| 1822 | 2000/08/15,22:00 | 34.2 | 139.3 | 5 | 4.7 | 1.33e16 | 87.96 | near Niijima island | 297 | 48 | -106 | 140 | 44 | -73 | 0.5929 | 0.5327 | 0.1756 | 0.3409 | -0.1054 | -0.9338 | JIZ | FUJ | SGN |
| 1823 | 2000/08/15,22:49 | 34.1 | 139.4 | 8 | 3.8 | 4.78e14 | 73.16 | near Miyakejima island | 201 | 88 | 5 | 111 | 85 | 178 | -0.5727 | 0.7334 | 0.0182 | 0.7703 | 0.1082 | -0.1976 | JIZ | FUJ | NAA |
| 1824 | 2000/08/15,23:17 | 34.1 | 139.3 | 8 | 3.7 | 4.60e14 | 58.00 | near Miyakejima island | 15 | 73 | -21 | 111 | 70 | -162 | -0.4725 | 0.7044 | -0.4322 | 0.5592 | 0.2527 | -0.0867 | JIZ | FUJ | |
| 1825 | 2000/08/16,00:35 | 34.1 | 139.4 | 8 | 3.4 | 1.56e14 | 53.85 | near Miyakejima island | 79 | 66 | 133 | 193 | 48 | 34 | -0.3087 | 0.7063 | 0.5026 | -0.2508 | 0.1339 | 0.5596 | SGN | ONS | |
| 1826 | 2000/08/16,01:54 | 34.1 | 139.3 | 5 | 4.0 | 1.19e15 | 92.95 | near Miyakejima island | 341 | 76 | -29 | 79 | 62 | -164 | 0.6410 | 0.8011 | 0.0895 | -0.2275 | 0.3312 | -0.4134 | JIZ | FUJ | SGN |
| 1827 | 2000/08/16,02:00 | 34.2 | 139.4 | 5 | 5.2 | 5.96e16 | 90.56 | near Miyakejima island | 153 | 64 | -72 | 296 | 31 | -123 | 0.3671 | 0.4822 | -0.1534 | 0.3673 | -0.5821 | -0.7344 | JIZ | SGN | TTO |
| 1828 | 2000/08/16,04:12 | 34.1 | 139.4 | 14 | 3.9 | 8.28e14 | 83.73 | near Miyakejima island | 11 | 84 | -10 | 103 | 80 | -174 | -0.3374 | 0.8959 | -0.1096 | 0.4628 | 0.1434 | -0.1254 | JIZ | SGN | ONS |
| 1829 | 2000/08/16,05:57 | 39.1 | 143.6 | 23 | 3.6 | 3.03e14 | 85.95 | far E off Sanriku | 37 | 56 | 101 | 199 | 36 | 75 | -0.1807 | 0.4078 | 0.2959 | -0.7299 | -0.2197 | 0.9106 | KSN | | |
| 1830 | 2000/08/16,08:59 | 34.2 | 139.3 | 5 | 3.9 | 8.72e14 | 94.64 | near Niijima island | 170 | 71 | -31 | 271 | 61 | -158 | 0.3385 | 0.8866 | 0.0560 | 0.1136 | -0.3196 | -0.4521 | JIZ | FUJ | SGN |
| 1831 | 2000/08/16,09:05 | 41.8 | 139.3 | 5 | 3.9 | 9.23e14 | 88.15 | SW off Hokkaido | 40 | 67 | 88 | 225 | 23 | 95 | -0.3449 | 0.3269 | 0.4258 | -0.4056 | -0.5383 | 0.7505 | TMR | GJM | KSN |
| 1832 | 2000/08/16,13:23 | 34.1 | 139.4 | 20 | 3.5 | 2.02e14 | 71.87 | near Miyakejima island | 178 | 80 | 36 | 81 | 55 | 168 | 0.0628 | 0.7989 | 0.0977 | -0.3075 | 0.5301 | 0.2448 | JIZ | ONS | |
| 1833 | 2000/08/16,21:36 | 34.2 | 139.3 | 5 | 4.0 | 1.22e15 | 95.45 | near Niijima island | 359 | 76 | -36 | 99 | 55 | -163 | 0.0369 | 0.7860 | -0.2073 | 0.2340 | 0.5321 | -0.2709 | JIZ | FUJ | SGN |
| 1834 | 2000/08/17,00:18 | 34.1 | 139.4 | 17 | 3.9 | 8.40e14 | 76.73 | near Miyakejima island | 12 | 88 | -19 | 102 | 71 | -178 | -0.3836 | 0.8657 | -0.1005 | 0.3865 | 0.3056 | -0.0029 | JIZ | SGN | ONS |
| 1835 | 2000/08/17,17:27 | 30.8 | 129.8 | 8 | 4.1 | 1.78e15 | 88.91 | near Tanegashima island | 67 | 52 | -84 | 237 | 38 | -98 | 0.7673 | -0.4604 | -0.2442 | 0.1509 | 0.0482 | -0.9182 | FUK | TKD | AMM |
| 1836 | 2000/08/17,19:53 | 35.7 | 139.7 | 35 | 3.8 | 6.11e14 | 67.96 | Tokyo pref | 59 | 74 | 65 | 300 | 29 | 147 | -0.6968 | -0.0073 | 0.6001 | 0.2172 | -0.5096 | 0.4796 | ONS | FUJ | YMZ |
| 1837 | 2000/08/18,01:52 | 34.2 | 139.3 | 17 | 5.7 | 4.65e17 | 82.77 | near Niijima island | 181 | 87 | 16 | 90 | 74 | 177 | 0.0282 | 0.9569 | 0.1034 | 0.0780 | 0.2882 | -0.1062 | JIZ | FUJ | SGN |
| 1838 | 2000/08/18,02:08 | 34.2 | 139.3 | 5 | 4.9 | 2.78e16 | 83.72 | near Niijima island | 147 | 50 | -77 | 307 | 41 | -105 | 0.4686 | 0.4417 | 0.0403 | 0.5300 | -0.2418 | -0.9986 | JIZ | FUJ | SGN |
| 1839 | 2000/08/18,03:38 | 34.2 | 139.2 | 5 | 4.2 | 2.03e15 | 80.20 | near Niijima island | 305 | 55 | -97 | 137 | 36 | -80 | 0.5373 | 0.4548 | 0.3081 | 0.4121 | 0.1235 | -0.9494 | JIZ | FUJ | SGN |
| 1840 | 2000/08/18,03:49 | 34.3 | 139.2 | 5 | 5.0 | 3.97e16 | 83.94 | near Niijima island | 337 | 54 | -123 | 204 | 47 | -53 | -0.1764 | -0.0099 | 0.4122 | 0.9806 | 0.1113 | -0.8042 | JIZ | FUJ | NAA |
| 1841 | 2000/08/18,06:21 | 34.3 | 139.2 | 17 | 3.7 | 3.89e14 | 60.49 | near Niijima island | 323 | 81 | -168 | 231 | 78 | -9 | -1.0306 | -0.2275 | 0.3447 | 0.8237 | 0.0625 | 0.2069 | JIZ | FUJ | NAA |
| 1842 | 2000/08/18,12:21 | 39.6 | 142.1 | 50 | 3.7 | 3.90e14 | 63.46 | E off Iwate pref | 15 | 63 | 82 | 214 | 28 | 106 | -0.0951 | 0.3313 | 0.1028 | -0.6790 | -0.5888 | 0.7741 | KSN | GJM | |
| 1843 | 2000/08/18,12:29 | 34.1 | 139.4 | 8 | 3.9 | 9.27e14 | 92.15 | near Miyakejima island | 17 | 87 | -19 | 108 | 71 | -177 | -0.4849 | 0.7757 | -0.0817 | 0.6077 | 0.3030 | -0.1228 | JIZ | FUJ | SGN |
| 1844 | 2000/08/18,13:37 | 36.3 | 141.6 | 23 | 3.9 | 6.69e14 | 85.51 | far E off Ibaraki pref | 15 | 69 | 79 | 223 | 24 | 116 | -0.0282 | 0.3847 | 0.1591 | -0.5769 | -0.7007 | 0.6051 | YMZ | ONS | SGN |
| 1845 | 2000/08/18,13:47 | 36.3 | 141.5 | 20 | 4.8 | 1.63e16 | 82.66 | far E off Ibaraki pref | 21 | 72 | 86 | 212 | 18 | 101 | 0.0022 | 0.3152 | 0.2832 | -0.5136 | -0.7609 | 0.5114 | YMZ | ONS | SGN |
| 1846 | 2000/08/18,13:51 | 34.4 | 139.3 | 5 | 3.9 | 7.76e14 | 84.10 | near Niijima island | 205 | 87 | 21 | 114 | 69 | 177 | -0.6960 | 0.6077 | -0.0712 | 0.7160 | 0.3639 | -0.0200 | JIZ | FUJ | SGN |
| 1847 | 2000/08/18,13:54 | 36.3 | 141.5 | 14 | 4.0 | 1.20e15 | 80.84 | far E off Ibaraki pref | 26 | 72 | 87 | 215 | 19 | 99 | -0.1228 | 0.2900 | 0.3411 | -0.4517 | -0.7267 | 0.5745 | YMZ | ONS | SGN |
| 1848 | 2000/08/18,14:37 | 34.1 | 139.4 | 5 | 4.0 | 9.66e14 | 79.66 | near Miyakejima island | 307 | 53 | -95 | 136 | 37 | -83 | 0.5511 | 0.3793 | 0.2723 | 0.4693 | 0.1154 | -1.0204 | JIZ | SGN | ONS |
| 1849 | 2000/08/18,16:21 | 35.2 | 141.3 | 26 | 4.3 | 3.67e15 | 77.21 | E off Boso peninsula | 230 | 69 | -111 | 96 | 29 | -47 | 0.6799 | -0.1986 | 0.4270 | -0.0232 | -0.5807 | -0.6567 | JIZ | ONS | TTO |
| 1850 | 2000/08/18,19:36 | 35.6 | 139.0 | 23 | 3.7 | 3.72e14 | 82.56 | eastern Yamanashi pref | 248 | 82 | -135 | 150 | 45 | -11 | 0.6303 | 0.4383 | 0.5877 | -0.4457 | -0.3842 | -0.1846 | ONS | FUJ | JIZ |
| 1851 | 2000/08/18,23:50 | 34.3 | 139.2 | 5 | 4.0 | 1.09e15 | 87.22 | near Niijima island | 337 | 60 | -129 | 216 | 48 | -42 | -0.3668 | -0.1522 | 0.3478 | 1.0261 | 0.2464 | -0.6593 | JIZ | FUJ | SGN |
| 1852 | 2000/08/19,07:38 | 36.2 | 139.8 | 62 | 4.0 | 1.06e15 | 90.79 | SW Ibaraki pref | 170 | 74 | -68 | 294 | 27 | -143 | 0.1932 | 0.3962 | -0.0054 | 0.3120 | -0.8129 | -0.5051 | YMZ | SGN | KZK |
| 1853 | 2000/08/19,12:41 | 36.3 | 141.6 | 20 | 5.3 | 1.06e17 | 85.33 | far E off Ibaraki pref | 20 | 72 | 85 | 216 | 18 | 105 | -0.0153 | 0.3143 | 0.2720 | -0.4936 | -0.7664 | 0.5089 | YMZ | ONS | SGN |
| 1854 | 2000/08/19,13:58 | 34.3 | 139.3 | 23 | 3.5 | 1.84e14 | 57.56 | near Niijima island | 35 | 86 | -5 | 125 | 86 | -176 | -1.0451 | 0.3343 | -0.1389 | 0.8249 | 0.0279 | 0.2202 | JIZ | FUJ | NAA |
| 1855 | 2000/08/19,17:26 | 43.6 | 147.2 | 56 | 5.6 | 3.17e17 | 88.13 | E off Hokkaido | 69 | 67 | 126 | 187 | 42 | 36 | -0.1456 | 0.6211 | 0.5815 | -0.4376 | -0.0050 | 0.5832 | NMR | URH | |
| 1856 | 2000/08/19,20:02 | 31.1 | 131.5 | 32 | 4.3 | 3.15e15 | 80.02 | SE off Osumi pen | 19 | 70 | 93 | 189 | 21 | 81 | -0.0425 | 0.1543 | 0.2719 | -0.6093 | -0.7091 | 0.6518 | TKA | TKD | SBR |
| 1857 | 2000/08/19,20:46 | 34.3 | 139.2 | 5 | 4.7 | 1.13e16 | 85.26 | near Niijima island | 339 | 65 | -110 | 199 | 32 | -54 | -0.1233 | 0.0223 | 0.3460 | 0.8367 | 0.5105 | -0.7134 | JIZ | FUJ | SGN |
| 1858 | 2000/08/19,20:52 | 35.2 | 141.5 | 20 | 4.1 | 1.45e15 | 74.20 | E off Boso peninsula | 5 | 77 | -34 | 104 | 57 | -164 | -0.1330 | 0.7633 | -0.3014 | 0.3372 | 0.4949 | -0.2043 | JIZ | SGN | FUJ |
| 1859 | 2000/08/19,21:26 | 36.2 | 141.5 | 26 | 3.9 | 7.01e14 | 74.63 | far E off Ibaraki pref | 14 | 63 | 74 | 226 | 31 | 118 | -0.1184 | 0.4284 | 0.0343 | -0.6441 | -0.5599 | 0.7625 | YMZ | SGN | TTO |
| 1860 | 2000/08/20,00:40 | 34.2 | 139.3 | 5 | 4.0 | 1.05e15 | 94.91 | near Niijima island | 351 | 78 | -42 | 91 | 49 | -165 | 0.2117 | 0.7676 | 0.0414 | 0.0912 | 0.5851 | -0.3029 | JIZ | FUJ | SGN |
| 1861 | 2000/08/20,03:29 | 41.7 | 139.3 | 5 | 3.9 | 7.64e14 | 85.89 | SW off Hokkaido | 45 | 71 | 91 | 222 | 19 | 87 | -0.2898 | 0.2987 | 0.5682 | -0.3211 | -0.5557 | 0.6109 | GJM | KSN | |
| 1862 | 2000/08/20,07:24 | 34.1 | 139.4 | 8 | 4.9 | 2.56e16 | 91.65 | near Miyakejima island | 351 | 79 | -23 | 85 | 67 | -168 | 0.3020 | 0.8836 | -0.0957 | -0.1256 | 0.3775 | -0.1764 | JIZ | FUJ | SGN |
| 1863 | 2000/08/20,07:43 | 34.1 | 139.4 | 5 | 3.8 | 6.37e14 | 88.56 | near Miyakejima island | 341 | 69 | -42 | 88 | 51 | -153 | 0.4896 | 0.6975 | -0.0534 | -0.0408 | 0.5391 | -0.4488 | JIZ | FUJ | SGN |
| 1864 | 2000/08/20,07:51 | 34.1 | 139.3 | 5 | 4.4 | 4.08e15 | 89.81 | near Miyakejima island | 350 | 59 | -53 | 114 | 47 | -135 | 0.1689 | 0.6639 | -0.1729 | 0.5281 | 0.3799 | -0.6970 | JIZ | SGN | NAA |
| 1865 | 2000/08/20,13:45 | 34.5 | 139.2 | 5 | 4.2 | 2.21e15 | 92.53 | near Niijima island | 180 | 70 | -22 | 278 | 70 | -158 | 0.0883 | 0.9310 | 0.1581 | 0.3679 | -0.1386 | -0.4563 | FUJ | SGN | TTO |
| 1866 | 2000/08/20,15:48 | 34.2 | 139.3 | 5 | 4.6 | 7.67e15 | 93.47 | near Niijima island | 146 | 53 | -54 | 275 | 50 | -128 | 0.6853 | 0.5339 | 0.1699 | 0.0925 | -0.3811 | -0.7778 | JIZ | FUJ | SGN |
| 1867 | 2000/08/20,20:44 | 39.8 | 143.7 | 14 | 3.6 | 3.30e14 | 81.49 | far E off Sanriku | 41 | 73 | 130 | 150 | 43 | 25 | 0.4410 | 0.1457 | 0.5349 | -0.8623 | -0.3728 | 0.4214 | KSN | GJM | |
| 1868 | 2000/08/21,04:52 | 33.9 | 135.0 | 41 | 3.6 | 2.78e14 | 85.35 | S Part of Kii channel | 54 | 89 | -89 | 202 | 1 | -122 | 0.0126 | -0.0797 | -0.8094 | -0.0142 | 0.5876 | 0.0016 | ISI | KIS | ABU |
| 1869 | 2000/08/21,06:18 | 35.0 | 135.8 | 11 | 3.4 | 1.45e14 | 65.99 | Kyoto Osaka border reg | 334 | 64 | 80 | 177 | 27 | 110 | 0.1907 | -0.3323 | -0.2752 | -0.8291 | -0.5454 | 0.6384 | ISI | NRW | UMJ |
| 1870 | 2000/08/21,12:27 | 36.1 | 140.0 | 68 | 3.6 | 3.07e14 | 65.45 | SW Ibaraki pref | 66 | 82 | 108 | 179 | 19 | 24 | 0.0170 | 0.2726 | 0.8660 | -0.2895 | -0.3110 | 0.2726 | ONS | YMZ | |
| 1871 | 2000/08/21,13:56 | 34.1 | 139.4 | 5 | 4.2 | 1.96e15 | 88.03 | near Miyakejima island | 343 | 57 | -65 | 122 | 40 | -123 | 0.2197 | 0.6006 | -0.0485 | 0.5647 | 0.3974 | -0.7844 | JIZ | SGN | NAA |
| 1872 | 2000/08/21,23:30 | 26.1 | 128.5 | 41 | 4.4 | 4.03e15 | 82.93 | near Okinawajima island | 49 | 74 | 23 | 312 | 68 | 162 | -1.0308 | -0.0053 | 0.0779 | 0.7719 | -0.3687 | 0.2589 | AMM | | |
| 1873 | 2000/08/22,00:45 | 34.2 | 139.3 | 5 | 3.8 | 4.86e14 | 93.85 | near Niijima island | 147 | 82 | -27 | 241 | 63 | -171 | 0.8164 | 0.3980 | -0.1070 | -0.7428 | -0.4712 | -0.0737 | JIZ | FUJ | SGN |
| 1874 | 2000/08/22,04:50 | 34.5 | 139.1 | 5 | 3.7 | 3.82e14 | 76.99 | near Niijima island | 42 | 84 | -24 | 135 | 66 | -173 | -0.8913 | 0.0645 | -0.3951 | 0.9011 | 0.2063 | -0.0098 | SGN | NAA | ONS |
| 1875 | 2000/08/22,12:00 | 34.5 | 139.3 | 11 | 4.1 | 1.77e15 | 92.46 | near Niijima island | 96 | 90 | -179 | 6 | 89 | -0 | -0.1706 | 0.9757 | -0.0148 | 0.2540 | -0.0001 | -0.0834 | JIZ | FUJ | SGN |
| 1876 | 2000/08/22,21:21 | 34.2 | 139.3 | 5 | 4.3 | 3.15e15 | 89.58 | near Niijima island | 339 | 59 | -64 | 116 | 39 | -126 | 0.3055 | 0.6050 | -0.0092 | 0.4571 | 0.4471 | -0.7626 | JIZ | FUJ | SGN |
| 1877 | 2000/08/22,22:46 | 35.4 | 139.0 | 20 | 3.8 | 5.33e14 | 91.85 | eastern Yamanashi pref | 41 | 66 | 108 | 182 | 30 | 55 | -0.0260 | 0.3013 | 0.5144 | -0.6832 | -0.4010 | 0.7092 | ONS | TTO | NAA |
| 1878 | 2000/08/23,08:53 | 34.1 | 139.4 | 5 | 3.8 | 4.75e14 | 93.36 | near Miyakejima island | 336 | 76 | -45 | 79 | 47 | -161 | 0.5714 | 0.5594 | 0.0803 | -0.2578 | 0.6614 | -0.3136 | JIZ | FUJ | SGN |
| 1879 | 2000/08/23,09:12 | 34.1 | 139.4 | 5 | 3.7 | 3.80e14 | 82.91 | near Miyakejima island | 155 | 81 | -64 | 262 | 27 | -161 | 0.3854 | 0.3661 | -0.2886 | -0.1133 | -0.8153 | -0.2722 | JIZ | SGN | ONS |
| 1880 | 2000/08/23,09:25 | 34.1 | 139.4 | 8 | 3.8 | 5.19e14 | 82.16 | near Miyakejima island | 253 | 89 | 166 | 343 | 76 | 1 | 0.5778 | 0.8083 | -0.2471 | -0.4975 | 0.0152 | -0.0803 | JIZ | FUJ | SGN |
| 1881 | 2000/08/23,10:26 | 34.1 | 139.4 | 5 | 3.6 | 3.28e14 | 90.48 | near Miyakejima island | 343 | 71 | -31 | 85 | 61 | -158 | 0.4998 | 0.7916 | -0.0983 | -0.1193 | 0.4105 | -0.3805 | JIZ | FUJ | SGN |
| 1882 | 2000/08/23,11:00 | 34.1 | 139.4 | 5 | 3.6 | 2.95e14 | 91.53 | near Miyakejima island | 156 | 75 | -26 | 254 | 65 | -163 | 0.7248 | 0.6951 | 0.0164 | -0.4169 | -0.3694 | -0.3079 | JIZ | FUJ | SGN |
| 1883 | 2000/08/23,11:21 | 34.1 | 139.4 | 5 | 3.6 | 2.64e14 | 89.49 | near Miyakejima island | 342 | 78 | -20 | 76 | 70 | -167 | 0.6600 | 0.8082 | -0.0061 | -0.3312 | 0.2590 | -0.3287 | JIZ | FUJ | SGN |
| 1884 | 2000/08/23,11:38 | 34.1 | 139.4 | 5 | 3.7 | 4.59e14 | 92.39 | near Miyakejima island | 83 | 67 | -147 | 339 | 60 | -27 | 0.5159 | 0.6700 | -0.3819 | -0.1767 | 0.4620 | -0.3392 | JIZ | SGN | ONS |
| 1885 | 2000/08/23,13:06 | 34.1 | 139.4 | 5 | 4.2 | 2.64e15 | 95.64 | near Miyakejima island | 349 | 73 | -30 | 88 | 62 | -160 | 0.3485 | 0.8371 | -0.1266 | -0.0174 | 0.4148 | -0.3311 | JIZ | FUJ | SGN |
| 1886 | 2000/08/23,13:12 | 34.1 | 139.4 | 5 | 3.8 | 5.11e14 | 84.41 | near Miyakejima island | 153 | 83 | -56 | 253 | 35 | -168 | 0.4849 | 0.4081 | -0.3005 | -0.2943 | -0.7518 | -0.1906 | JIZ | FUJ | SGN |
| 1887 | 2000/08/23,13:40 | 34.1 | 139.4 | 5 | 4.4 | 4.24e15 | 95.19 | near Miyakejima island | 351 | 74 | -35 | 92 | 57 | -160 | 0.2551 | 0.8143 | -0.1174 | 0.0765 | 0.4848 | -0.3315 | JIZ | FUJ | SGN |
| 1888 | 2000/08/23,13:56 | 34.1 | 139.4 | 20 | 4.0 | 1.02e15 | 88.83 | near Miyakejima island | 9 | 78 | -15 | 102 | 75 | -168 | -0.2617 | 0.8924 | -0.2137 | 0.4095 | 0.2008 | -0.1479 | JIZ | NAA | ONS |
| 1889 | 2000/08/23,14:12 | 33.5 | 140.9 | 56 | 4.1 | 1.39e15 | 61.41 | E off Hachijojima island | 338 | 68 | 69 | 204 | 30 | 132 | 0.1266 | 0.0172 | -0.3835 | -0.7761 | -0.5762 | 0.6495 | JIZ | SGN | FUJ |
| 1890 | 2000/08/23,14:39 | 34.1 | 139.4 | 11 | 3.9 | 7.37e14 | 65.47 | near Miyakejima island | 191 | 63 | 54 | 69 | 44 | 139 | -0.2090 | 0.6398 | 0.1337 | -0.4456 | 0.4905 | 0.6547 | JIZ | SGN | |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1891 | 2000/08/23,14:57 | 34.1 | 139.3 | 5 | 5.2 | 7.58e16 | 91.15 | near Miyakejima island | 78 | 81 | -157 | 344 | 67 | -10 | 0.4831 | 0.8030 | -0.3381 | -0.3685 | 0.2239 | -0.1146 | FUJ | SGN | ONS |
| 1892 | 2000/08/23,21:44 | 42.3 | 142.5 | 41 | 3.7 | 3.82e14 | 85.77 | Hidaka region | 285 | 90 | 32 | 194 | 58 | 180 | 0.4263 | -0.7403 | -0.5190 | -0.4086 | -0.1004 | -0.0177 | URH | HSS | |
| 1893 | 2000/08/23,23:16 | 34.4 | 139.3 | 5 | 3.6 | 2.75e14 | 83.32 | near Niijima island | 144 | 83 | -114 | 39 | 25 | -16 | -0.3319 | -0.0001 | -0.5441 | 0.5295 | -0.6984 | -0.1976 | JIZ | FUJ | TTO |
| 1894 | 2000/08/24,00:05 | 34.1 | 139.4 | 5 | 3.5 | 2.37e14 | 75.02 | near Miyakejima island | 123 | 60 | -135 | 7 | 52 | -39 | -0.1548 | 0.5583 | -0.4379 | 0.7692 | 0.0716 | -0.6145 | FUJ | SGN | NAA |
| 1895 | 2000/08/24,09:07 | 34.1 | 139.5 | 5 | 3.8 | 6.48e14 | 87.10 | near Miyakejima island | 193 | 81 | 70 | 79 | 22 | 154 | -0.1494 | 0.3682 | -0.1537 | -0.1466 | 0.8804 | 0.2960 | FUJ | SGN | NAA |
| 1896 | 2000/08/24,21:07 | 41.9 | 142.7 | 32 | 3.5 | 1.92e14 | 75.81 | S off Urakawa | 90 | 52 | 81 | 285 | 39 | 102 | -0.8814 | -0.1010 | 0.2471 | -0.1508 | -0.1332 | 1.0322 | URH | HSS | |
| 1897 | 2000/08/25,13:13 | 32.1 | 131.7 | 41 | 4.4 | 4.83e15 | 92.99 | Hyuganada region | 220 | 79 | -93 | 56 | 12 | -74 | 0.2189 | -0.1777 | 0.5835 | 0.1698 | -0.7182 | -0.3887 | TKD | SBR | ISI |
| 1898 | 2000/08/25,13:17 | 42.8 | 144.9 | 65 | 4.6 | 7.89e15 | 90.79 | off Nemuro peninsula | 210 | 87 | -148 | 118 | 58 | -3 | 0.7641 | -0.4713 | 0.2778 | -0.6586 | -0.4385 | -0.1055 | NMR | URH | KMU |
| 1899 | 2000/08/26,03:35 | 42.2 | 145.4 | 29 | 4.3 | 3.51e15 | 73.44 | off Nemuro peninsula | 226 | 61 | 89 | 49 | 29 | 93 | -0.4769 | 0.3785 | -0.3727 | -0.3988 | 0.3763 | 0.8757 | URH | KMU | HSS |
| 1900 | 2000/08/26,03:47 | 42.2 | 145.3 | 29 | 4.0 | 1.02e15 | 75.93 | off Nemuro peninsula | 261 | 53 | 92 | 78 | 37 | 87 | -0.9090 | 0.1559 | -0.2721 | -0.0810 | 0.0189 | 0.9900 | URH | HSS | |
| 1901 | 2000/08/26,15:30 | 42.2 | 142.5 | 35 | 5.0 | 3.40e16 | 88.08 | S off Urakawa | 127 | 54 | 76 | 331 | 38 | 109 | -0.3725 | -0.5585 | 0.3115 | -0.5116 | 0.0859 | 0.8841 | URH | HSS | |
| 1902 | 2000/08/26,16:26 | 42.2 | 145.3 | 32 | 3.9 | 7.46e14 | 66.70 | off Nemuro peninsula | 51 | 57 | 103 | 207 | 35 | 70 | -0.3954 | 0.3298 | 0.4384 | -0.5743 | -0.1222 | 0.9697 | URH | KMU | |
| 1903 | 2000/08/26,21:54 | 32.7 | 130.1 | 17 | 3.6 | 2.78e14 | 82.54 | near Unzendake | 123 | 86 | 8 | 32 | 82 | 176 | 0.9233 | -0.4210 | 0.1717 | -0.8584 | 0.0008 | -0.0649 | SBR | FUK | NRW |
| 1904 | 2000/08/26,23:42 | 35.8 | 140.1 | 68 | 4.6 | 9.31e15 | 95.94 | northern Chiba pref | 1 | 66 | 98 | 162 | 25 | 73 | 0.0068 | -0.1146 | 0.0598 | -0.7434 | -0.6599 | 0.7365 | ONS | SGN | YMZ |
| 1905 | 2000/08/26,23:44 | 33.9 | 139.4 | 5 | 4.6 | 9.88e15 | 92.08 | near Miyakejima island | 16 | 81 | -36 | 113 | 54 | -168 | -0.4191 | 0.6128 | -0.2058 | 0.6588 | 0.5064 | -0.2397 | JIZ | FUJ | SGN |
| 1906 | 2000/08/27,00:45 | 33.8 | 139.3 | 5 | 5.0 | 3.16e16 | 93.19 | near Miyakejima island | 11 | 70 | -30 | 112 | 62 | -157 | -0.2854 | 0.6937 | -0.4023 | 0.5696 | 0.3404 | -0.2842 | JIZ | FUJ | SGN |
| 1907 | 2000/08/27,02:06 | 36.5 | 141.1 | 44 | 3.8 | 5.68e14 | 62.02 | E off Ibaraki pref | 279 | 83 | -105 | 164 | 17 | -26 | 0.2158 | 0.3234 | 0.9153 | -0.0166 | 0.1602 | -0.1992 | YMZ | SBT | TTO |
| 1908 | 2000/08/27,04:13 | 34.5 | 135.7 | 5 | 3.9 | 6.92e14 | 94.77 | Osaka pref | 39 | 59 | 131 | 160 | 50 | 43 | 0.2842 | 0.2174 | 0.4791 | -0.9551 | -0.0503 | 0.6710 | KIS | ISI | NRW |
| 1909 | 2000/08/27,07:54 | 39.7 | 139.4 | 8 | 3.8 | 5.52e14 | 83.88 | Oga peninsula region | 205 | 46 | 101 | 10 | 45 | 79 | -0.0276 | 0.3104 | -0.1154 | -0.9304 | -0.0304 | 0.9580 | GJM | KSN | YMZ |
| 1910 | 2000/08/27,16:39 | 39.0 | 144.5 | 53 | 3.7 | 4.26e14 | 62.86 | far E off north Honshu | 190 | 73 | 92 | 3 | 17 | 84 | -0.3139 | -0.0132 | -0.1624 | -0.3948 | 0.8201 | 0.7088 | KSN | GJM | |
| 1911 | 2000/08/27,18:37 | 37.1 | 141.9 | 38 | 3.6 | 3.19e14 | 73.48 | E off Fukushima pref | 18 | 87 | 86 | 259 | 5 | 150 | -0.1278 | 0.0490 | 0.2967 | -0.0026 | -0.9473 | 0.1304 | YMZ | ONS | |
| 1912 | 2000/08/28,08:20 | 37.8 | 142.1 | 32 | 4.6 | 9.22e15 | 86.43 | SE off Miyagi pref | 216 | 55 | -102 | 57 | 37 | -73 | 0.5349 | -0.3484 | 0.0586 | 0.4736 | -0.3732 | -1.0086 | KSN | SBT | GJM |
| 1913 | 2000/08/29,02:00 | 34.4 | 139.2 | 17 | 4.9 | 2.47e16 | 82.38 | near Niijima island | 291 | 87 | 173 | 21 | 83 | 3 | -0.5788 | 0.7322 | -0.0886 | 0.7550 | -0.1336 | -0.1763 | JIZ | FUJ | NAA |
| 1914 | 2000/08/29,02:13 | 34.4 | 139.2 | 5 | 3.9 | 9.42e14 | 87.61 | near Niijima island | 14 | 79 | -23 | 108 | 67 | -168 | -0.3773 | 0.7721 | -0.2011 | 0.6074 | 0.3008 | -0.2301 | JIZ | FUJ | SGN |
| 1915 | 2000/08/29,03:08 | 34.4 | 139.3 | 8 | 4.4 | 5.16e15 | 87.47 | near Niijima island | 15 | 88 | -8 | 105 | 82 | -178 | -0.3693 | 0.8598 | -0.0235 | 0.6212 | 0.1169 | -0.2519 | JIZ | FUJ | SGN |
| 1916 | 2000/08/29,07:19 | 43.1 | 145.6 | 50 | 4.5 | 6.10e15 | 88.07 | off Nemuro peninsula | 24 | 53 | 73 | 232 | 40 | 112 | -0.3980 | 0.4019 | -0.0928 | -0.5791 | -0.3479 | 0.9771 | URH | HSS | |
| 1917 | 2000/08/29,13:17 | 37.0 | 141.8 | 35 | 3.9 | 6.76e14 | 91.96 | E off Fukushima pref | 35 | 77 | 87 | 230 | 14 | 104 | -0.2027 | 0.2278 | 0.4981 | -0.2455 | -0.7406 | 0.4482 | YMZ | KSN | SBT |
| 1918 | 2000/08/30,01:37 | 34.0 | 139.4 | 14 | 4.7 | 1.34e16 | 93.95 | near Miyakejima island | 359 | 87 | -21 | 90 | 69 | -177 | 0.0659 | 0.9333 | -0.0037 | 0.0166 | 0.3560 | -0.0825 | JIZ | FUJ | SGN |
| 1919 | 2000/08/30,05:23 | 33.0 | 132.1 | 32 | 3.8 | 4.86e14 | 55.06 | Bungo channel | 196 | 59 | -95 | 25 | 31 | -82 | 0.1126 | -0.2839 | 0.0817 | 0.7756 | -0.4617 | -0.8882 | TKD | YTY | UMJ |
| 1920 | 2000/08/30,07:20 | 38.1 | 142.3 | 41 | 3.9 | 9.33e14 | 89.63 | E off Miyagi pref | 247 | 49 | 69 | 97 | 45 | 112 | -0.9748 | 0.1465 | -0.0205 | 0.0486 | 0.2689 | 0.9263 | KSN | YMZ | GJM |
| 1921 | 2000/08/30,10:48 | 34.8 | 138.2 | 35 | 3.3 | 1.13e14 | 62.45 | SW Shizuoka pref | 335 | 83 | 137 | 71 | 48 | 10 | -0.5882 | -0.5617 | -0.2647 | 0.3904 | -0.5887 | 0.1979 | JIZ | SGN | TTO |
| 1922 | 2000/08/31,04:42 | 39.7 | 141.8 | 59 | 4.0 | 1.09e15 | 92.93 | northern Iwate pref | 17 | 67 | 89 | 200 | 24 | 93 | -0.0171 | 0.2505 | 0.1956 | -0.6784 | -0.6513 | 0.6955 | KSN | GJM | |
| 1923 | 2000/08/31,18:22 | 44.3 | 148.3 | 62 | 4.5 | 7.24e15 | 87.93 | SE off Etorofu | 51 | 83 | 92 | 212 | 7 | 71 | -0.1010 | 0.1100 | 0.7549 | -0.1373 | -0.6115 | 0.2382 | NMR | | |
| 1924 | 2000/08/31,21:13 | 35.7 | 140.6 | 53 | 4.5 | 6.56e15 | 92.61 | near Choshi city | 360 | 79 | 92 | 168 | 11 | 79 | -0.1764 | -0.0356 | 0.0134 | -0.2813 | -0.9278 | 0.4577 | YMZ | SGN | ONS |
| 1925 | 2000/09/01,19:44 | 35.6 | 138.9 | 150 | 3.8 | 6.36e14 | 91.75 | eastern Yamanashi pref | 67 | 48 | 67 | 279 | 47 | 113 | -1.0114 | 0.1438 | -0.0177 | 0.1145 | -0.2499 | 0.8969 | FUJ | ONS | TTO |
| 1926 | 2000/09/03,03:36 | 40.1 | 142.9 | 26 | 3.7 | 3.96e14 | 84.31 | NE off Iwate pref | 34 | 67 | 101 | 187 | 26 | 66 | 0.0372 | 0.3558 | 0.4050 | -0.6795 | -0.5382 | 0.6422 | KSN | GJM | |
| 1927 | 2000/09/03,11:01 | 43.0 | 146.8 | 41 | 5.4 | 1.39e17 | 66.44 | E off Hokkaido | 53 | 69 | 125 | 169 | 40 | 33 | 0.1667 | 0.3698 | 0.6516 | -0.7088 | -0.1719 | 0.5420 | URH | | |
| 1928 | 2000/09/03,12:35 | 42.0 | 142.4 | 59 | 4.1 | 1.71e15 | 83.70 | S off Urakawa | 29 | 67 | 86 | 219 | 24 | 100 | -0.2029 | 0.3688 | 0.3053 | -0.5051 | -0.6098 | 0.7080 | HSS | URH | |
| 1929 | 2000/09/04,10:42 | 41.9 | 142.5 | 50 | 3.9 | 9.24e14 | 79.51 | S off Urakawa | 27 | 71 | 85 | 222 | 20 | 104 | -0.2145 | 0.2788 | 0.3229 | -0.4199 | -0.7122 | 0.6344 | TMR | URH | HSS |
| 1930 | 2000/09/04,19:50 | 43.0 | 146.8 | 32 | 3.9 | 7.26e14 | 63.33 | E off Hokkaido | 56 | 78 | 139 | 157 | 50 | 16 | 0.5131 | 0.3637 | 0.6609 | -0.7352 | -0.1310 | 0.2221 | NMR | URH | |
| 1931 | 2000/09/04,21:42 | 40.8 | 142.0 | 71 | 3.5 | 1.74e14 | 80.95 | E off Aomori pref | 186 | 82 | 80 | 59 | 13 | 142 | -0.0039 | 0.2124 | -0.0891 | -0.2525 | 0.9421 | 0.2564 | TMR | | |
| 1932 | 2000/09/05,16:59 | 43.1 | 143.9 | 83 | 3.9 | 7.90e14 | 86.52 | Kushiro region | 235 | 89 | -103 | 141 | 13 | -4 | 0.2227 | 0.1154 | 0.7817 | -0.1563 | -0.5847 | -0.0665 | KMU | | |
| 1933 | 2000/09/05,20:16 | 39.2 | 143.8 | 32 | 3.5 | 2.31e14 | 78.69 | far E off Sanriku | 144 | 69 | -47 | 255 | 47 | -150 | 0.7759 | 0.4308 | -0.1271 | -0.2815 | -0.5809 | -0.4944 | KSN | TMR | |
| 1934 | 2000/09/07,05:51 | 33.5 | 132.4 | 44 | 4.1 | 1.86e15 | 87.88 | Iyonada Setonaikai | 255 | 77 | -86 | 56 | 13 | -108 | 0.2823 | -0.0871 | 0.8786 | 0.2502 | -0.1954 | -0.5325 | TKD | YTY | NRW |
| 1935 | 2000/09/07,06:49 | 39.0 | 144.4 | 8 | 3.8 | 5.17e14 | 78.01 | far E off north Honshu | 180 | 49 | -107 | 24 | 44 | -72 | 0.0341 | -0.1990 | -0.2034 | 0.9340 | -0.1196 | -0.9681 | KSN | GJM | |
| 1936 | 2000/09/07,20:27 | 32.2 | 140.0 | 5 | 4.2 | 1.89e15 | 90.83 | E off Hachijojima island | 163 | 83 | -107 | 51 | 19 | -22 | -0.1449 | -0.1783 | -0.3132 | 0.3765 | -0.8723 | -0.2316 | JIZ | FUJ | SGN |
| 1937 | 2000/09/08,11:40 | 31.9 | 132.1 | 23 | 3.8 | 6.60e14 | 74.98 | Hyuganada region | 7 | 66 | 72 | 226 | 30 | 125 | -0.1665 | 0.3217 | -0.0973 | -0.5810 | -0.6599 | 0.7475 | TKD | SBR | YTY |
| 1938 | 2000/09/09,01:08 | 33.6 | 134.3 | 38 | 3.5 | 2.12e14 | 52.86 | Tokushima pref | 120 | 86 | 165 | 211 | 75 | 4 | -0.8383 | 0.4712 | 0.1792 | 0.8454 | 0.2047 | -0.0071 | ISI | NRW | |
| 1939 | 2000/09/09,11:48 | 36.1 | 139.6 | 62 | 4.4 | 4.73e15 | 94.36 | eastern Saitama pref | 240 | 82 | 72 | 125 | 19 | 154 | -0.4795 | 0.0052 | -0.7820 | 0.2296 | 0.4667 | 0.2499 | ONS | SGN | TTO |
| 1940 | 2000/09/09,12:01 | 44.3 | 146.7 | 8 | 3.9 | 7.42e14 | 71.79 | near Kunashiri island | 283 | 79 | -136 | 183 | 47 | -15 | -0.1008 | 0.6724 | 0.6783 | 0.3391 | -0.0381 | -0.2383 | URH | TNK | KMU |
| 1941 | 2000/09/10,07:25 | 34.0 | 139.5 | 5 | 3.9 | 7.38e14 | 83.87 | near Miyakejima island | 117 | 90 | -132 | 27 | 42 | -0 | -0.5721 | 0.3646 | -0.6824 | 0.5641 | -0.2865 | 0.0080 | JIZ | FUJ | NAA |
| 1942 | 2000/09/10,13:36 | 33.7 | 135.5 | 32 | 3.6 | 2.80e14 | 83.49 | southern Wakayama pref | 167 | 77 | 28 | 70 | 63 | 166 | 0.3841 | 0.7252 | 0.3470 | -0.5275 | 0.3744 | 0.1434 | ISI | UMJ | |
| 1943 | 2000/09/10,16:05 | 34.0 | 139.4 | 20 | 3.9 | 9.07e14 | 87.83 | near Miyakejima island | 4 | 78 | -17 | 97 | 73 | -168 | -0.0808 | 0.9299 | -0.1692 | 0.2724 | 0.2339 | -0.1916 | JIZ | SGN | NAA |
| 1944 | 2000/09/10,22:49 | 34.5 | 139.3 | 8 | 5.2 | 7.84e16 | 91.83 | near Niijima island | 102 | 80 | -169 | 10 | 79 | -10 | -0.2246 | 0.9103 | -0.1354 | 0.5037 | 0.0765 | -0.2791 | FUJ | SGN | ONS |
| 1945 | 2000/09/10,23:02 | 34.5 | 139.2 | 8 | 4.5 | 5.56e15 | 91.01 | near Niijima island | 93 | 76 | -166 | 360 | 76 | -14 | 0.0752 | 0.9563 | -0.1806 | 0.1721 | 0.1604 | -0.2473 | SGN | ONS | NAA |
| 1946 | 2000/09/11,23:40 | 37.2 | 142.2 | 11 | 3.4 | 1.26e14 | 75.50 | E off Fukushima pref | 128 | 78 | -63 | 240 | 29 | -155 | 0.6464 | 0.0455 | -0.5734 | -0.2759 | -0.5903 | -0.3705 | YMZ | | |
| 1947 | 2000/09/13,05:48 | 33.1 | 140.7 | 83 | 3.9 | 9.29e14 | 68.19 | E off Hachijojima island | 205 | 68 | -98 | 45 | 23 | -71 | 0.3612 | -0.2067 | 0.2255 | 0.4242 | -0.6922 | -0.7854 | SGN | FUJ | |
| 1948 | 2000/09/13,07:54 | 39.8 | 143.4 | 23 | 3.9 | 8.72e14 | 86.45 | far E off Sanriku | 27 | 70 | 92 | 200 | 20 | 84 | -0.0465 | 0.2820 | 0.3473 | -0.5678 | -0.6735 | 0.6143 | KSN | TMR | GJM |
| 1949 | 2000/09/13,10:08 | 42.8 | 145.1 | 44 | 4.4 | 4.81e15 | 83.16 | off Nemuro peninsula | 117 | 51 | -62 | 257 | 47 | -120 | 1.0131 | 0.1490 | -0.0349 | -0.1708 | -0.3104 | -0.8423 | URH | KMU | HSS |
| 1950 | 2000/09/13,17:23 | 40.2 | 143.5 | 23 | 5.1 | 4.69e16 | 84.79 | far E off Sanriku | 31 | 62 | 102 | 186 | 30 | 69 | 0.0273 | 0.3306 | 0.3347 | -0.7913 | -0.4282 | 0.7641 | TMR | KSN | GJM |
| 1951 | 2000/09/14,03:22 | 35.4 | 140.8 | 35 | 3.6 | 3.03e14 | 62.25 | E off Boso peninsula | 57 | 79 | 98 | 200 | 13 | 54 | -0.1305 | 0.2403 | 0.7824 | -0.2118 | -0.4886 | 0.3423 | YMZ | ONS | TTO |
| 1952 | 2000/09/14,19:56 | 27.2 | 128.8 | 32 | 4.0 | 1.11e15 | 95.48 | near Okinawajima island | 187 | 87 | 163 | 278 | 73 | 3 | 0.2002 | -0.9226 | -0.0553 | -0.2792 | 0.2789 | 0.0789 | AMM | | |
| 1953 | 2000/09/14,21:51 | 42.5 | 145.0 | 32 | 3.8 | 5.09e14 | 68.46 | off Nemuro peninsula | 269 | 76 | -114 | 150 | 28 | -32 | 0.4752 | 0.3911 | 0.7957 | -0.0434 | -0.0957 | -0.4318 | URH | KMU | HSS |
| 1954 | 2000/09/15,06:17 | 32.2 | 132.0 | 32 | 3.6 | 3.23e14 | 61.43 | Hyuganada region | 353 | 79 | 111 | 110 | 24 | 29 | -0.1915 | -0.3581 | 0.0251 | -0.2098 | -0.8739 | 0.4013 | UMJ | NRW | |
| 1955 | 2000/09/15,13:04 | 34.9 | 140.6 | 62 | 4.0 | 1.09e15 | 89.68 | SE off Boso peninsula | 236 | 72 | 151 | 335 | 63 | 20 | 0.5801 | 0.4398 | -0.4694 | -0.8707 | -0.0002 | 0.2906 | JIZ | SGN | ONS |
| 1956 | 2000/09/15,14:43 | 36.6 | 141.0 | 50 | 4.1 | 1.85e15 | 94.10 | E off Ibaraki pref | 13 | 66 | 54 | 254 | 42 | 142 | -0.2684 | 0.6115 | -0.1122 | -0.3378 | -0.5776 | 0.6063 | YMZ | ONS | SGN |
| 1957 | 2000/09/16,10:43 | 42.0 | 142.6 | 38 | 3.7 | 3.61e14 | 85.13 | S off Urakawa | 268 | 81 | -138 | 170 | 49 | -12 | 0.2727 | 0.7317 | 0.6218 | -0.0534 | -0.1163 | -0.2193 | HSS | | |
| 1958 | 2000/09/16,16:46 | 32.8 | 140.7 | 44 | 3.9 | 7.68e14 | 80.76 | E off Hachijojima island | 115 | 69 | 138 | 223 | 51 | 27 | -0.9143 | 0.2685 | 0.3336 | 0.4602 | 0.4351 | 0.4541 | JIZ | SGN | FUJ |
| 1959 | 2000/09/17,05:18 | 37.8 | 140.8 | 98 | 4.1 | 1.46e15 | 92.11 | eastern Fukushima pref | 211 | 88 | 133 | 303 | 43 | 3 | 0.6016 | -0.2555 | -0.3058 | -0.6795 | 0.6587 | 0.0779 | KSK | SBT | KSN |
| 1960 | 2000/09/18,06:24 | 34.6 | 139.2 | 14 | 3.9 | 7.40e14 | 86.42 | near Izu-Oshima island | 20 | 80 | -12 | 112 | 78 | -169 | -0.4997 | 0.7243 | -0.1337 | 0.8137 | 0.0813 | -0.3140 | FUJ | SGN | TTO |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | 2000/09/18,15:20 | 36.9 | 140.9 | 53 | 3.9 | 8.44e14 | 92.00 | eastern Fukushima pref | 211 | 74 | 121 | 326 | 35 | 29 | 0.3347 | -0.0154 | -0.4750 | -0.7841 | 0.5573 | 0.4494 | YMZ | SBT | KZK |
| 1962 | 2000/09/18,17:58 | 34.1 | 139.3 | 11 | 3.5 | 2.14e14 | 74.97 | near Miyakejima island | 173 | 69 | 44 | 64 | 49 | 152 | 0.1583 | 0.6034 | 0.2961 | -0.6264 | 0.4850 | 0.4680 | JIZ | SGN | ONS |
| 1963 | 2000/09/19,19:26 | 42.9 | 146.3 | 32 | 4.0 | 1.11e15 | 92.63 | off Nemuro peninsula | 50 | 87 | 136 | 143 | 46 | 4 | 0.6758 | 0.1324 | 0.5819 | -0.7297 | -0.3787 | 0.0539 | NMR | URH | |
| 1964 | 2000/09/21,22:43 | 35.9 | 140.8 | 44 | 4.6 | 1.01e16 | 91.39 | near Choshi city | 12 | 82 | 76 | 251 | 16 | 148 | -0.1377 | 0.2648 | 0.1444 | -0.1616 | -0.9216 | 0.2992 | YMZ | ONS | SGN |
| 1965 | 2000/09/21,23:40 | 39.6 | 142.0 | 38 | 3.9 | 9.06e14 | 93.72 | northern Iwate pref | 283 | 81 | 107 | 42 | 19 | 30 | -0.3605 | 0.2147 | -0.8617 | 0.0001 | -0.3088 | 0.3604 | KSN | TMR | KSK |
| 1966 | 2000/09/22,03:10 | 31.7 | 132.2 | 26 | 4.0 | 1.28e15 | 84.41 | Hyuganada region | 194 | 83 | 91 | 5 | 7 | 81 | 0.1033 | 0.0798 | -0.2299 | -0.2815 | 0.9415 | 0.1782 | TKD | SBR | YTY |
| 1967 | 2000/09/22,08:33 | 24.4 | 127.2 | 5 | 4.4 | 3.80e15 | 68.39 | near Miyakojima island | 248 | 65 | -89 | 65 | 25 | -92 | 0.6544 | -0.3011 | 0.5949 | 0.0962 | -0.2392 | -0.7506 | KGM | IGK | |
| 1968 | 2000/09/23,17:42 | 41.5 | 142.1 | 62 | 4.3 | 3.25e15 | 77.18 | E off Aomori pref | 23 | 73 | 113 | 148 | 28 | 38 | 0.1190 | -0.1094 | 0.4622 | -0.6604 | -0.6398 | 0.5414 | HSS | URH | KSN |
| 1969 | 2000/09/24,12:03 | 34.1 | 139.4 | 5 | 4.3 | 3.75e15 | 93.10 | near Miyakejima island | 169 | 63 | -61 | 298 | 39 | -134 | 0.1491 | 0.5613 | 0.0842 | 0.5384 | -0.5393 | -0.6875 | JIZ | SGN | ONS |
| 1970 | 2000/09/24,19:14 | 36.3 | 140.0 | 86 | 3.7 | 3.63e14 | 79.37 | SW Ibaraki pref | 9 | 67 | 78 | 217 | 26 | 116 | -0.0409 | 0.3064 | 0.0374 | -0.6505 | -0.6754 | 0.6914 | YMZ | ONS | SGN |
| 1971 | 2000/09/25,02:15 | 32.7 | 130.8 | 5 | 4.0 | 1.04e15 | 93.68 | NW Kumamoto pref | 204 | 86 | -150 | 111 | 60 | -5 | 0.6905 | -0.6417 | 0.2324 | -0.5039 | -0.4140 | -0.1866 | TKD | SBR | FUK |
| 1972 | 2000/09/25,02:23 | 32.7 | 130.8 | 5 | 3.8 | 5.72e14 | 94.02 | NW Kumamoto pref | 101 | 87 | 14 | 11 | 76 | 177 | 0.3285 | -0.9005 | 0.2345 | -0.3980 | 0.0170 | 0.0695 | TKD | SBR | FUK |
| 1973 | 2000/09/25,03:52 | 32.7 | 130.8 | 5 | 3.5 | 1.77e14 | 90.48 | NW Kumamoto pref | 103 | 85 | 9 | 12 | 81 | 175 | 0.3029 | -0.8979 | 0.1362 | -0.5203 | -0.0140 | 0.2175 | TKD | SBR | |
| 1974 | 2000/09/25,17:50 | 36.8 | 141.8 | 29 | 3.6 | 2.68e14 | 72.40 | E off Fukushima pref | 2 | 62 | 64 | 228 | 38 | 129 | 0.0813 | 0.4573 | -0.1197 | -0.7899 | -0.4775 | 0.7085 | YMZ | SGN | KZK |
| 1975 | 2000/09/26,21:00 | 36.4 | 141.2 | 35 | 4.0 | 1.24e15 | 91.46 | E off Ibaraki pref | 16 | 84 | 78 | 261 | 14 | 154 | -0.0928 | 0.2480 | 0.2605 | -0.0859 | -0.9174 | 0.1787 | YMZ | ONS | SGN |
| 1976 | 2000/09/26,21:14 | 43.1 | 146.0 | 47 | 4.5 | 5.69e15 | 85.55 | off Nemuro peninsula | 73 | 56 | 119 | 209 | 43 | 55 | -0.5125 | 0.5171 | 0.4114 | -0.3215 | 0.1910 | 0.8340 | URH | TNK | HSS |
| 1977 | 2000/09/27,01:56 | 32.0 | 132.2 | 26 | 4.6 | 9.84e15 | 82.78 | Hyuganada region | 3 | 70 | 75 | 222 | 25 | 127 | -0.0927 | 0.2670 | -0.0769 | -0.5504 | -0.7506 | 0.6431 | TKD | SBR | YTY |
| 1978 | 2000/09/27,08:43 | 32.0 | 132.2 | 23 | 3.8 | 5.15e14 | 76.39 | Hyuganada region | 355 | 65 | 77 | 204 | 28 | 116 | 0.0316 | 0.1359 | -0.1560 | -0.7773 | -0.6135 | 0.7457 | TKD | SBR | YTY |
| 1979 | 2000/09/27,19:19 | 43.1 | 146.7 | 32 | 3.6 | 2.94e14 | 60.45 | off Nemuro peninsula | 52 | 73 | 157 | 149 | 68 | 19 | 0.7201 | 0.3166 | 0.4691 | -0.8990 | 0.0291 | 0.1789 | NMR | URH | |
| 1980 | 2000/09/27,23:58 | 29.8 | 129.9 | 8 | 4.3 | 2.78e15 | 79.53 | near Tokara Islands | 114 | 50 | -64 | 258 | 46 | -117 | 0.9381 | 0.0976 | -0.0243 | -0.0150 | -0.3672 | -0.9231 | AMM | FUK | KGM |
| 1981 | 2000/09/28,23:56 | 35.5 | 139.7 | 74 | 4.8 | 1.83e16 | 84.18 | Kanagawa pref | 318 | 80 | -120 | 211 | 32 | -20 | -0.3328 | 0.0498 | 0.6629 | 0.6476 | 0.4959 | -0.3148 | JIZ | ONS | TTO |
| 1982 | 2000/09/29,00:56 | 35.5 | 139.6 | 71 | 4.5 | 7.00e15 | 60.93 | Kanagawa pref | 311 | 75 | -121 | 197 | 34 | -28 | -0.2055 | 0.1384 | 0.7819 | 0.6715 | 0.2636 | -0.4659 | SGN | JIZ | |
| 1983 | 2000/09/29,10:14 | 36.5 | 140.6 | 65 | 3.6 | 2.92e14 | 78.84 | northern Ibaraki pref | 42 | 80 | 116 | 152 | 28 | 22 | 0.3182 | 0.1793 | 0.5725 | -0.6052 | -0.6137 | 0.2870 | YMZ | ONS | KZK |
| 1984 | 2000/09/29,20:08 | 41.6 | 141.4 | 80 | 4.2 | 1.97e15 | 93.35 | Tsugaru Strait region | 202 | 81 | 64 | 95 | 28 | 161 | -0.3215 | 0.4309 | -0.2847 | 0.0607 | 0.8018 | 0.2609 | TMR | GJM | |
| 1985 | 2000/09/30,00:01 | 44.5 | 148.8 | 41 | 4.3 | 2.95e15 | 91.51 | SE off Etorofu | 61 | 84 | 101 | 179 | 12 | 28 | 0.0069 | 0.1890 | 0.8488 | -0.2013 | -0.4552 | 0.1944 | NMR | | |
| 1986 | 2000/09/30,06:59 | 41.5 | 142.1 | 47 | 3.7 | 4.47e14 | 76.29 | E off Aomori pref | 16 | 76 | 92 | 186 | 14 | 81 | -0.0079 | 0.0909 | 0.2484 | -0.4498 | -0.8513 | 0.4577 | TMR | KMU | HSS |
| 1987 | 2000/09/30,07:51 | 35.5 | 139.7 | 77 | 4.1 | 1.46e15 | 91.67 | Kanagawa pref | 324 | 63 | -109 | 180 | 33 | -58 | 0.0628 | 0.2231 | 0.4834 | 0.7532 | 0.3318 | -0.8160 | SGN | JIZ | ONS |
| 1988 | 2000/09/30,14:24 | 35.5 | 139.7 | 80 | 4.0 | 1.17e15 | 92.13 | Kanagawa pref | 317 | 74 | -107 | 185 | 23 | -44 | -0.0034 | 0.1521 | 0.6492 | 0.5601 | 0.5069 | -0.5566 | SGN | JIZ | ONS |
| 1989 | 2000/09/30,18:30 | 34.2 | 139.2 | 5 | 4.2 | 2.48e15 | 89.54 | near Niijima island | 123 | 51 | -124 | 350 | 50 | -55 | 0.1589 | 0.5588 | -0.3209 | 0.6447 | 0.1952 | -0.8036 | JIZ | SGN | NAA |
| 1990 | 2000/09/30,22:44 | 36.8 | 141.4 | 44 | 3.8 | 5.43e14 | 82.13 | E off Ibaraki pref | 215 | 51 | -102 | 55 | 40 | -75 | 0.5157 | -0.4023 | -0.0139 | 0.5041 | -0.2697 | -1.0198 | SBT | KZK | TTO |
| 1991 | 2000/10/01,08:24 | 29.3 | 130.0 | 11 | 3.8 | 5.33e14 | 58.87 | near Amami-Oshima island | 328 | 46 | -78 | 131 | 46 | -102 | 0.4337 | 0.4497 | -0.1261 | 0.5779 | 0.1080 | -1.0116 | AMM | KGM | FUK |
| 1992 | 2000/10/01,12:48 | 34.2 | 139.4 | 5 | 3.6 | 3.29e14 | 89.74 | near Miyakejima island | 148 | 60 | -50 | 269 | 49 | -138 | 0.6726 | 0.4959 | 0.1130 | -0.0095 | -0.5504 | -0.6631 | JIZ | SGN | ONS |
| 1993 | 2000/10/02,05:21 | 29.4 | 129.4 | 8 | 5.2 | 7.54e16 | 85.43 | near Tokara Islands | 215 | 64 | -141 | 105 | 55 | -32 | 0.8376 | -0.5007 | -0.0289 | -0.3209 | -0.4664 | -0.5166 | AMM | KGM | FUK |
| 1994 | 2000/10/02,05:40 | 29.4 | 129.3 | 5 | 4.1 | 1.58e15 | 59.01 | near Tokara Islands | 207 | 66 | -127 | 89 | 43 | -36 | 0.5677 | -0.5146 | -0.0163 | 0.0243 | -0.6378 | -0.5919 | AMM | KGM | |
| 1995 | 2000/10/02,05:53 | 29.4 | 129.3 | 8 | 4.2 | 2.42e15 | 81.14 | near Tokara Islands | 215 | 58 | -140 | 101 | 57 | -39 | 0.7549 | -0.4440 | -0.2016 | -0.1928 | -0.5610 | -0.5621 | AMM | KGM | |
| 1996 | 2000/10/02,07:29 | 29.4 | 129.3 | 5 | 5.4 | 1.64e17 | 90.05 | near Tokara Islands | 70 | 50 | -71 | 222 | 43 | -111 | 0.6737 | -0.5199 | -0.2208 | 0.2374 | -0.1175 | -0.9111 | AMM | KGM | |
| 1997 | 2000/10/02,07:44 | 29.4 | 129.5 | 8 | 5.6 | 2.38e17 | 89.80 | near Tokara Islands | 97 | 54 | -55 | 227 | 48 | -129 | 0.8741 | -0.3617 | -0.2244 | -0.0974 | -0.3650 | -0.7767 | AMM | KGM | |
| 1998 | 2000/10/02,08:04 | 29.5 | 129.4 | 5 | 4.9 | 2.55e16 | 91.70 | near Tokara Islands | 100 | 69 | -53 | 215 | 42 | -148 | 0.6596 | -0.4295 | -0.5571 | -0.1338 | -0.3895 | -0.5258 | AMM | KGM | |
| 1999 | 2000/10/02,10:27 | 29.4 | 129.4 | 5 | 3.7 | 3.92e14 | 82.95 | near Tokara Islands | 112 | 76 | -43 | 214 | 49 | -162 | 0.8249 | -0.3951 | -0.5118 | -0.4789 | -0.2819 | -0.3461 | AMM | | |
| 2000 | 2000/10/02,13:09 | 29.4 | 129.2 | 5 | 4.1 | 1.46e15 | 90.09 | near Tokara Islands | 89 | 59 | -45 | 206 | 53 | -139 | 0.6117 | -0.6362 | -0.3203 | 0.0179 | -0.3306 | -0.6295 | AMM | KGM | |
| 2001 | 2000/10/02,13:17 | 29.4 | 129.3 | 5 | 4.0 | 9.49e14 | 89.39 | near Tokara Islands | 203 | 62 | -140 | 92 | 55 | -35 | 0.5365 | -0.5909 | -0.2669 | -0.0363 | -0.5766 | -0.5002 | AMM | KGM | |
| 2002 | 2000/10/02,13:25 | 29.4 | 129.5 | 8 | 3.9 | 9.33e14 | 90.92 | near Tokara Islands | 217 | 70 | -150 | 116 | 62 | -23 | 0.8213 | -0.3351 | -0.0605 | -0.5873 | -0.6130 | -0.2340 | AMM | KGM | |
| 2003 | 2000/10/02,20:30 | 36.4 | 140.7 | 53 | 3.5 | 1.96e14 | 84.39 | northern Ibaraki pref | 43 | 71 | 92 | 218 | 19 | 85 | -0.2417 | 0.3430 | 0.5448 | -0.3430 | -0.5748 | 0.5847 | YMZ | ONS | |
| 2004 | 2000/10/03,02:59 | 34.0 | 139.4 | 20 | 4.6 | 1.05e16 | 94.02 | near Miyakejima island | 183 | 89 | 32 | 92 | 58 | 179 | -0.0856 | 0.8462 | 0.0134 | 0.0844 | 0.5329 | 0.0012 | JIZ | SGN | ONS |
| 2005 | 2000/10/03,03:09 | 29.4 | 129.5 | 8 | 4.7 | 1.08e16 | 86.70 | near Tokara Islands | 221 | 63 | -127 | 100 | 45 | -41 | 0.7923 | -0.3494 | 0.0748 | -0.1376 | -0.5767 | -0.6547 | AMM | KGM | FUK |
| 2006 | 2000/10/03,04:13 | 40.1 | 143.5 | 26 | 6.0 | 1.32e18 | 86.09 | far E off Sanriku | 28 | 60 | 97 | 195 | 31 | 78 | -0.0644 | 0.3374 | 0.2810 | -0.7693 | -0.4085 | 0.8338 | KSN | TMR | GJM |
| 2007 | 2000/10/04,11:00 | 36.5 | 140.6 | 56 | 3.9 | 7.14e14 | 92.15 | northern Ibaraki pref | 152 | 59 | -50 | 273 | 49 | -137 | 0.6083 | 0.5634 | 0.1405 | 0.0673 | -0.4992 | -0.6756 | YMZ | HRO | SGN |
| 2008 | 2000/10/05,07:44 | 33.7 | 134.5 | 41 | 3.5 | 1.90e14 | 62.70 | Tokushima pref | 316 | 87 | -172 | 226 | 82 | -3 | -1.0684 | -0.0454 | 0.1852 | 0.9043 | 0.0494 | 0.1641 | KIS | NRW | YZK |
| 2009 | 2000/10/05,09:32 | 33.9 | 140.4 | 68 | 3.7 | 3.45e14 | 80.70 | far S off Boso peninsula | 62 | 88 | -90 | 236 | 2 | -96 | 0.0694 | -0.1054 | -0.8847 | -0.0679 | 0.4646 | -0.0015 | JIZ | SGN | FUJ |
| 2010 | 2000/10/05,17:01 | 28.0 | 130.3 | 23 | 3.8 | 5.63e14 | 76.81 | near Amami-Oshima island | 44 | 56 | -49 | 166 | 51 | -135 | -0.1443 | -0.2827 | -0.5682 | 0.8435 | -0.0818 | -0.6993 | AMM | | |
| 2011 | 2000/10/06,04:30 | 35.3 | 133.4 | 11 | 6.6 | 8.62e18 | 92.18 | western Tottori pref | 150 | 85 | -9 | 241 | 81 | -175 | 0.8649 | 0.5012 | 0.0025 | -0.8276 | -0.1775 | -0.0373 | YTY | KIS | NAA |
| 2012 | 2000/10/06,08:59 | 35.3 | 133.3 | 11 | 3.6 | 2.47e14 | 65.86 | western Tottori pref | 345 | 84 | -10 | 76 | 80 | -174 | 0.6424 | 0.8601 | 0.0097 | -0.3238 | 0.1236 | -0.3186 | NRW | YZK | |
| 2013 | 2000/10/06,09:06 | 35.3 | 133.3 | 5 | 3.4 | 1.46e14 | 51.66 | western Tottori pref | 141 | 80 | -15 | 233 | 75 | -170 | 0.9562 | 0.2249 | -0.0286 | -0.8986 | -0.3060 | -0.0576 | NRW | ISI | |
| 2014 | 2000/10/06,10:19 | 35.3 | 133.3 | 5 | 3.7 | 3.59e14 | 92.35 | western Tottori pref | 253 | 86 | -175 | 162 | 85 | -4 | 0.6167 | 0.8137 | 0.0607 | -0.5287 | -0.0732 | -0.0881 | NRW | YZK | UMJ |
| 2015 | 2000/10/06,10:57 | 35.3 | 133.3 | 17 | 3.5 | 1.84e14 | 70.50 | western Tottori pref | 156 | 83 | 23 | 63 | 67 | 173 | 0.6726 | 0.5687 | 0.2629 | -0.7573 | 0.2988 | 0.0847 | NRW | UMJ | |
| 2016 | 2000/10/06,11:04 | 35.2 | 133.4 | 5 | 3.4 | 1.26e14 | 65.92 | western Tottori pref | 136 | 90 | 6 | 46 | 84 | 180 | 1.0463 | 0.0498 | 0.0890 | -0.9408 | 0.0572 | -0.1056 | YZK | ISI | UMJ |
| 2017 | 2000/10/06,13:57 | 35.2 | 133.4 | 5 | 4.1 | 1.35e15 | 94.18 | western Tottori pref | 128 | 76 | -38 | 228 | 54 | -163 | 0.9456 | -0.0497 | -0.3255 | -0.6421 | -0.4479 | -0.3035 | ISI | UMJ | ABU |
| 2018 | 2000/10/06,14:13 | 35.3 | 133.3 | 8 | 4.1 | 1.84e15 | 96.60 | western Tottori pref | 344 | 87 | 19 | 253 | 71 | 177 | 0.5043 | 0.7913 | -0.1517 | -0.5151 | -0.2945 | 0.0108 | NRW | ISI | UMJ |
| 2019 | 2000/10/06,14:59 | 40.7 | 141.5 | 83 | 3.9 | 8.87e14 | 88.52 | Shimokita peninsula reg | 182 | 84 | 47 | 86 | 43 | 172 | -0.1078 | 0.6636 | 0.1649 | 0.0005 | 0.7379 | 0.1073 | GJM | KSN | |
| 2020 | 2000/10/06,16:59 | 29.4 | 129.4 | 5 | 3.9 | 8.53e14 | 85.39 | near Tokara Islands | 103 | 69 | -32 | 206 | 60 | -155 | 0.5918 | -0.6046 | -0.3612 | -0.3143 | -0.5196 | -0.2774 | AMM | KGM | |
| 2021 | 2000/10/06,17:34 | 34.2 | 137.2 | 400 | 4.1 | 1.80e15 | 80.24 | Ensyunada | 148 | 67 | 61 | 23 | 36 | 139 | 0.2643 | -0.1124 | 0.4510 | -0.8718 | 0.4269 | 0.6075 | TTO | SGN | KZK |
| 2022 | 2000/10/06,18:58 | 35.3 | 133.3 | 5 | 3.5 | 2.01e14 | 86.68 | western Tottori pref | 143 | 90 | -15 | 233 | 75 | -180 | 0.9464 | 0.2551 | -0.1595 | -0.9197 | -0.2000 | -0.0267 | NRW | ISI | UMJ |
| 2023 | 2000/10/06,19:50 | 35.3 | 133.3 | 5 | 3.5 | 1.78e14 | 87.50 | western Tottori pref | 174 | 79 | -21 | 268 | 69 | -169 | 0.2050 | 0.9097 | 0.1278 | -0.0687 | -0.3518 | -0.1363 | NRW | YZK | UMJ |
| 2024 | 2000/10/06,19:56 | 35.2 | 133.4 | 8 | 3.8 | 5.40e14 | 91.99 | western Tottori pref | 129 | 86 | -21 | 220 | 69 | -175 | 0.9836 | -0.1688 | -0.2614 | -0.8507 | -0.2369 | -0.1329 | YZK | UMJ | ABU |
| 2025 | 2000/10/06,19:59 | 35.3 | 133.4 | 5 | 4.4 | 3.78e15 | 95.60 | western Tottori pref | 50 | 51 | 125 | 181 | 51 | 55 | 0.0385 | 0.5266 | 0.2928 | -0.8118 | 0.1369 | 0.7733 | NRW | YZK | ABU |
| 2026 | 2000/10/06,20:40 | 35.4 | 133.3 | 5 | 3.5 | 2.35e14 | 91.13 | western Tottori pref | 164 | 90 | -26 | 254 | 64 | -180 | 0.4859 | 0.7621 | -0.1320 | -0.4595 | -0.4200 | -0.0264 | NRW | YZK | UMJ |
| 2027 | 2000/10/06,20:55 | 25.2 | 128.9 | 8 | 4.9 | 2.41e16 | 85.03 | far S off Okinawajima | 44 | 45 | -91 | 225 | 45 | -89 | 0.4942 | -0.4986 | -0.0034 | 0.5063 | 0.0151 | -1.0005 | KGM | AMM | |
| 2028 | 2000/10/06,21:22 | 35.3 | 133.3 | 5 | 3.8 | 5.44e14 | 94.82 | western Tottori pref | 253 | 74 | -161 | 158 | 72 | -17 | 0.7229 | 0.7245 | 0.1557 | -0.4544 | -0.2533 | -0.2685 | NRW | ISI | UMJ |
| 2029 | 2000/10/06,21:38 | 35.4 | 133.3 | 5 | 4.3 | 3.21e15 | 97.84 | western Tottori pref | 156 | 86 | -38 | 249 | 52 | -175 | 0.5991 | 0.5853 | -0.2737 | -0.4731 | -0.5407 | -0.1260 | NRW | ISI | UMJ |
| 2030 | 2000/10/06,22:24 | 35.4 | 133.3 | 5 | 3.8 | 5.80e14 | 96.43 | western Tottori pref | 340 | 89 | 41 | 248 | 49 | 178 | 0.4845 | 0.5640 | -0.2654 | -0.5058 | -0.6042 | 0.0212 | NRW | YZK | UMJ |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2031 | 2000/10/06,22:49 | 35.3 | 133.4 | 14 | 3.9 | 7.59e14 | 94.73 | western Tottori pref | 159 | 87 | 10 | 69 | 80 | 177 | 0.6243 | 0.7322 | 0.0909 | -0.6943 | 0.1380 | 0.0700 | YZK | ISI | YTY |
| 2032 | 2000/10/06,23:17 | 35.4 | 133.3 | 5 | 4.1 | 1.58e15 | 97.14 | western Tottori pref | 260 | 86 | -170 | 169 | 80 | -4 | 0.3158 | 0.9162 | 0.1667 | -0.3971 | -0.1210 | 0.0813 | NRW | ISI | UMJ |
| 2033 | 2000/10/06,23:19 | 42.3 | 143.0 | 53 | 4.8 | 1.63e16 | 89.26 | Hidaka mountains region | 36 | 64 | 94 | 208 | 27 | 83 | -0.2084 | 0.3878 | 0.3778 | -0.5720 | -0.4730 | 0.7804 | URH | HSS | TMR |
| 2034 | 2000/10/06,23:30 | 35.2 | 133.4 | 8 | 3.6 | 3.19e14 | 82.83 | western Tottori pref | 313 | 87 | 11 | 222 | 79 | 177 | 0.9771 | -0.0859 | -0.1819 | -0.9710 | -0.0911 | -0.0061 | YZK | ISI | UMJ |
| 2035 | 2000/10/06,23:57 | 35.3 | 133.3 | 14 | 3.4 | 1.32e14 | 65.92 | western Tottori pref | 340 | 78 | 42 | 240 | 49 | 164 | 0.4336 | 0.4762 | -0.3214 | -0.7082 | -0.5304 | 0.2746 | NRW | UMJ | |
| 2036 | 2000/10/07,01:27 | 35.2 | 133.4 | 8 | 3.7 | 3.49e14 | 85.23 | western Tottori pref | 128 | 90 | -21 | 218 | 69 | -180 | 0.9096 | -0.2387 | -0.2786 | -0.9017 | -0.2145 | -0.0079 | YZK | ISI | ABU |
| 2037 | 2000/10/07,02:57 | 35.3 | 133.4 | 5 | 3.2 | 6.29e13 | 82.54 | western Tottori pref | 341 | 86 | -21 | 72 | 70 | -175 | 0.6432 | 0.7618 | 0.1167 | -0.4603 | 0.3100 | -0.1830 | NRW | | |
| 2038 | 2000/10/07,03:03 | 35.4 | 133.3 | 8 | 4.2 | 2.31e15 | 97.08 | western Tottori pref | 335 | 82 | -14 | 67 | 77 | -172 | 0.7400 | 0.6510 | -0.0321 | -0.6732 | 0.2626 | -0.0668 | NRW | ISI | UMJ |
| 2039 | 2000/10/07,03:14 | 35.3 | 133.3 | 5 | 3.3 | 1.14e14 | 75.56 | western Tottori pref | 227 | 87 | 136 | 320 | 46 | 4 | 0.6489 | 0.1767 | -0.3915 | -0.7921 | 0.5707 | 0.1432 | NRW | | |
| 2040 | 2000/10/07,07:10 | 35.4 | 133.3 | 5 | 3.7 | 3.61e14 | 95.50 | western Tottori pref | 172 | 89 | -10 | 263 | 80 | -179 | 0.2763 | 0.9514 | -0.0155 | -0.2324 | -0.1660 | -0.0439 | NRW | YZK | UMJ |
| 2041 | 2000/10/07,08:04 | 35.4 | 133.3 | 5 | 3.7 | 3.71e14 | 92.30 | western Tottori pref | 161 | 87 | -37 | 253 | 54 | -176 | 0.4960 | 0.6546 | -0.1548 | -0.4357 | -0.5732 | -0.0602 | NRW | YZK | UMJ |
| 2042 | 2000/10/07,08:07 | 35.4 | 133.3 | 8 | 3.3 | 1.06e14 | 67.11 | western Tottori pref | 351 | 86 | 20 | 259 | 70 | 176 | 0.3552 | 0.8827 | -0.2101 | -0.2431 | -0.3274 | -0.1121 | NRW | YZK | UMJ |
| 2043 | 2000/10/07,09:32 | 35.3 | 133.3 | 5 | 3.9 | 8.80e14 | 96.83 | western Tottori pref | 146 | 71 | -40 | 252 | 52 | -155 | 0.7625 | 0.4269 | -0.0246 | -0.3893 | -0.6244 | -0.3732 | NRW | ISI | UMJ |
| 2044 | 2000/10/07,14:36 | 28.0 | 125.8 | 5 | 4.0 | 1.33e15 | 53.52 | east China sea region | 248 | 48 | -75 | 47 | 44 | -105 | 0.6857 | -0.3818 | 0.1673 | 0.3391 | 0.1544 | -1.0248 | KGM | AMM | |
| 2045 | 2000/10/07,21:08 | 35.3 | 133.3 | 5 | 3.9 | 7.79e14 | 97.64 | western Tottori pref | 261 | 81 | -163 | 169 | 74 | -10 | 0.3857 | 0.8902 | 0.2392 | -0.2689 | -0.1830 | -0.1168 | NRW | ISI | UMJ |
| 2046 | 2000/10/07,21:21 | 35.2 | 133.4 | 5 | 3.4 | 1.49e14 | 79.47 | western Tottori pref | 71 | 76 | 135 | 175 | 47 | 19 | 0.1034 | 0.6727 | 0.6185 | -0.4448 | -0.0917 | 0.3414 | YZK | ABU | |
| 2047 | 2000/10/08,04:17 | 35.1 | 133.1 | 5 | 5.1 | 4.65e16 | 96.58 | Shimane Hiroshima border | 150 | 86 | -11 | 240 | 79 | -176 | 0.8566 | 0.4884 | -0.0316 | -0.8385 | -0.2018 | -0.0181 | ISI | YTY | ABU |
| 2048 | 2000/10/08,06:47 | 35.4 | 133.3 | 8 | 3.7 | 3.80e14 | 72.85 | western Tottori pref | 158 | 83 | -56 | 257 | 35 | -168 | 0.3827 | 0.5131 | -0.3143 | -0.1962 | -0.7329 | -0.1865 | NRW | ISI | |
| 2049 | 2000/10/08,09:19 | 35.3 | 133.3 | 8 | 3.4 | 1.32e14 | 80.35 | western Tottori pref | 261 | 88 | -160 | 171 | 70 | -2 | 0.4167 | 0.8936 | 0.3352 | -0.2068 | 0.0270 | -0.2098 | NRW | YZK | UMJ |
| 2050 | 2000/10/08,11:51 | 35.4 | 133.3 | 5 | 5.0 | 3.11e16 | 97.40 | western Tottori pref | 165 | 87 | -9 | 256 | 81 | -177 | 0.4850 | 0.8614 | 0.0044 | -0.4700 | -0.1653 | -0.0150 | YZK | ISI | UMJ |
| 2051 | 2000/10/08,11:59 | 35.4 | 133.3 | 5 | 4.0 | 1.06e15 | 86.53 | western Tottori pref | 78 | 73 | 159 | 175 | 70 | 18 | 0.0871 | 0.8902 | 0.2451 | -0.4425 | 0.1243 | 0.3554 | NRW | YZK | |
| 2052 | 2000/10/08,12:34 | 35.3 | 133.3 | 5 | 3.4 | 1.61e14 | 76.14 | western Tottori pref | 170 | 69 | 53 | 55 | 42 | 148 | 0.1553 | 0.4424 | 0.3389 | -0.6793 | 0.5557 | 0.5240 | NRW | | |
| 2053 | 2000/10/08,17:20 | 33.9 | 135.7 | 53 | 3.9 | 8.47e14 | 91.63 | southern Nara pref | 140 | 77 | -82 | 290 | 15 | -119 | 0.2789 | 0.2977 | -0.5592 | 0.1203 | -0.6913 | -0.3993 | ABU | ISI | NAA |
| 2054 | 2000/10/08,21:59 | 35.3 | 133.3 | 5 | 3.3 | 9.02e13 | 67.76 | western Tottori pref | 60 | 85 | -170 | 330 | 80 | -5 | 0.8680 | 0.4894 | -0.1103 | -0.8304 | 0.1602 | -0.0376 | NRW | YZK | ISI |
| 2055 | 2000/10/09,09:30 | 34.5 | 139.2 | 5 | 3.4 | 1.39e14 | 87.26 | near Niijima island | 127 | 81 | -152 | 32 | 62 | -10 | -0.6671 | 0.3568 | -0.2872 | 1.0046 | -0.2694 | -0.3376 | FUJ | TTO | NAA |
| 2056 | 2000/10/09,10:24 | 35.3 | 133.3 | 5 | 3.3 | 9.06e13 | 72.12 | western Tottori pref | 223 | 75 | -146 | 123 | 57 | -18 | 0.8092 | -0.1251 | 0.0807 | -0.6671 | -0.6977 | -0.1422 | NRW | | |
| 2057 | 2000/10/09,10:50 | 35.3 | 133.3 | 5 | 3.2 | 6.18e13 | 72.21 | western Tottori pref | 149 | 83 | -22 | 242 | 68 | -173 | 0.8406 | 0.4791 | -0.0963 | -0.7411 | -0.3594 | -0.0995 | NRW | | |
| 2058 | 2000/10/09,17:26 | 35.3 | 133.3 | 5 | 3.4 | 1.36e14 | 88.23 | western Tottori pref | 334 | 89 | 36 | 244 | 54 | 179 | 0.6144 | 0.4678 | -0.1620 | -0.7068 | -0.5715 | 0.0924 | NRW | UMJ | |
| 2059 | 2000/10/09,19:49 | 35.1 | 133.2 | 8 | 3.5 | 2.19e14 | 87.51 | Shimane Hiroshima border | 146 | 87 | -32 | 238 | 58 | -176 | 0.8119 | 0.3470 | -0.2614 | -0.7401 | -0.4506 | -0.0718 | YZK | UMJ | |
| 2060 | 2000/10/10,08:19 | 35.4 | 133.3 | 8 | 3.4 | 1.53e14 | 80.35 | western Tottori pref | 242 | 89 | -157 | 152 | 67 | -1 | 0.6611 | 0.5299 | 0.2828 | -0.8311 | -0.3154 | 0.1699 | NRW | YZK | UMJ |
| 2061 | 2000/10/10,08:20 | 29.5 | 129.2 | 5 | 3.7 | 4.31e14 | 75.10 | near Tokara Islands | 109 | 82 | -23 | 203 | 67 | -171 | 0.6997 | -0.6721 | -0.3149 | -0.5451 | -0.2183 | -0.1546 | AMM | KGM | |
| 2062 | 2000/10/10,09:22 | 35.3 | 133.3 | 5 | 3.3 | 1.01e14 | 81.31 | western Tottori pref | 236 | 87 | -175 | 146 | 85 | -3 | 0.9634 | 0.3621 | 0.0442 | -0.8929 | -0.0875 | -0.0705 | NRW | ISI | UMJ |
| 2063 | 2000/10/10,10:19 | 36.7 | 142.1 | 23 | 4.1 | 1.48e15 | 89.15 | E off Fukushima pref | 19 | 67 | 88 | 203 | 23 | 94 | 0.0030 | 0.2867 | 0.2186 | -0.6591 | -0.6676 | 0.6561 | YMZ | ONS | SGN |
| 2064 | 2000/10/10,10:24 | 32.4 | 130.5 | 5 | 3.7 | 3.53e14 | 64.98 | Amakusa region | 232 | 61 | -144 | 123 | 59 | -35 | 0.9649 | -0.0638 | -0.0025 | -0.4798 | -0.5458 | -0.4850 | TKD | FUK | |
| 2065 | 2000/10/10,12:58 | 35.4 | 133.3 | 8 | 4.4 | 4.15e15 | 97.41 | western Tottori pref | 163 | 90 | -14 | 253 | 76 | -180 | 0.5976 | 0.8083 | -0.1142 | -0.4749 | -0.2177 | -0.1228 | NRW | YZK | ISI |
| 2066 | 2000/10/11,06:15 | 35.5 | 139.7 | 86 | 4.3 | 2.79e15 | 93.26 | Kanagawa pref | 133 | 90 | 114 | 223 | 24 | 0 | -0.4043 | 0.0355 | 0.6600 | 0.3959 | 0.6330 | 0.0084 | JIZ | ONS | TTO |
| 2067 | 2000/10/11,07:46 | 37.2 | 142.3 | 11 | 3.5 | 2.25e14 | 78.43 | E off Fukushima pref | 282 | 88 | 47 | 190 | 43 | 178 | 0.1916 | -0.6517 | -0.6944 | -0.2540 | -0.2161 | 0.0624 | YMZ | KSN | ONS |
| 2068 | 2000/10/11,14:03 | 35.1 | 138.3 | 23 | 3.7 | 4.23e14 | 88.77 | central Shizuoka pref | 306 | 61 | 123 | 73 | 43 | 46 | -0.9219 | -0.1941 | -0.2108 | 0.2098 | -0.4686 | 0.7121 | JIZ | SGN | TTO |
| 2069 | 2000/10/11,14:47 | 28.3 | 129.5 | 32 | 3.7 | 4.28e14 | 85.77 | near Amami-Oshima island | 132 | 86 | -67 | 231 | 23 | -169 | 0.4521 | 0.0522 | -0.6819 | -0.3339 | -0.6082 | -0.1182 | KGM | | |
| 2070 | 2000/10/11,18:53 | 35.4 | 133.3 | 8 | 3.8 | 5.59e14 | 95.90 | western Tottori pref | 342 | 90 | 31 | 252 | 59 | 179 | 0.5200 | 0.6982 | -0.2105 | -0.4844 | -0.4666 | -0.0356 | NRW | YZK | ISI |
| 2071 | 2000/10/11,19:47 | 29.5 | 130.7 | 17 | 4.1 | 1.44e15 | 50.78 | near Amami-Oshima island | 209 | 48 | 93 | 25 | 42 | 87 | -0.1739 | 0.4358 | -0.0824 | -0.7961 | 0.0907 | 0.9700 | AMM | KGM | |
| 2072 | 2000/10/11,20:35 | 37.9 | 139.6 | 8 | 4.0 | 1.33e15 | 90.13 | NE Niigata pref | 355 | 47 | 101 | 160 | 44 | 79 | -0.0282 | -0.2143 | 0.1206 | -0.9537 | -0.0633 | 0.9819 | KZK | YMZ | ONS |
| 2073 | 2000/10/11,20:37 | 37.9 | 139.6 | 8 | 4.1 | 1.74e15 | 90.63 | NE Niigata pref | 348 | 50 | 97 | 156 | 40 | 81 | -0.0615 | -0.3026 | 0.0409 | -0.8999 | -0.1873 | 0.9614 | YMZ | HRO | ONS |
| 2074 | 2000/10/11,21:48 | 35.4 | 133.3 | 5 | 3.5 | 2.34e14 | 93.24 | western Tottori pref | 338 | 84 | 30 | 245 | 61 | 173 | 0.5773 | 0.5921 | -0.2472 | -0.6888 | -0.4203 | 0.1115 | NRW | UMJ | |
| 2075 | 2000/10/11,22:07 | 41.6 | 142.6 | 29 | 3.7 | 4.19e14 | 87.94 | E off Aomori pref | 360 | 79 | 115 | 111 | 27 | 24 | -0.0092 | -0.4209 | 0.0778 | -0.3219 | -0.8428 | 0.3311 | KMU | | |
| 2076 | 2000/10/11,22:09 | 35.4 | 133.3 | 5 | 3.7 | 3.62e14 | 95.24 | western Tottori pref | 147 | 85 | -26 | 240 | 64 | -174 | 0.8789 | 0.4236 | -0.2112 | -0.7215 | -0.3568 | -0.1574 | NRW | YZK | ISI |
| 2077 | 2000/10/11,23:24 | 37.7 | 141.1 | 65 | 3.6 | 2.87e14 | 87.74 | E off Fukushima pref | 352 | 89 | -63 | 84 | 27 | -178 | 0.1874 | 0.4275 | 0.0546 | -0.1390 | 0.8902 | -0.0484 | YMZ | SBT | |
| 2078 | 2000/10/11,23:41 | 35.4 | 133.3 | 5 | 3.5 | 1.88e14 | 88.21 | western Tottori pref | 341 | 80 | 21 | 247 | 69 | 169 | 0.5950 | 0.6816 | -0.3579 | -0.5930 | -0.2777 | -0.0019 | NRW | YZK | UMJ |
| 2079 | 2000/10/12,01:31 | 35.5 | 141.1 | 47 | 4.3 | 3.53e15 | 85.49 | near Choshi city | 11 | 72 | 89 | 196 | 18 | 94 | -0.1545 | 0.0939 | 0.1472 | -0.4919 | -0.8010 | 0.6465 | YMZ | JIZ | ONS |
| 2080 | 2000/10/12,08:07 | 35.3 | 133.3 | 17 | 3.7 | 3.95e14 | 86.95 | western Tottori pref | 169 | 85 | -8 | 259 | 82 | -175 | 0.3984 | 0.9153 | 0.0595 | -0.3407 | -0.1417 | -0.0577 | NRW | YZK | |
| 2081 | 2000/10/12,12:48 | 35.3 | 133.3 | 11 | 3.4 | 1.27e14 | 72.11 | western Tottori pref | 337 | 71 | 44 | 230 | 49 | 155 | 0.4483 | 0.3223 | -0.3777 | -0.8806 | -0.4248 | 0.4322 | NRW | UMJ | |
| 2082 | 2000/10/13,01:44 | 35.3 | 133.4 | 8 | 3.3 | 1.10e14 | 80.42 | western Tottori pref | 143 | 79 | 15 | 50 | 75 | 168 | 0.9745 | 0.2088 | 0.4366 | -0.8235 | 0.0785 | -0.1510 | NRW | YZK | |
| 2083 | 2000/10/13,06:34 | 30.7 | 131.5 | 32 | 4.1 | 1.75e15 | 69.46 | SE off Osumi pen | 3 | 58 | 89 | 185 | 32 | 92 | -0.2239 | 0.0426 | 0.0096 | -0.7874 | -0.4309 | 1.0112 | TKD | SBR | AMM |
| 2084 | 2000/10/13,20:36 | 34.5 | 141.1 | 23 | 4.2 | 2.60e15 | 67.06 | SE off Boso peninsula | 237 | 87 | -159 | 146 | 69 | -4 | 0.9354 | 0.3587 | 0.2903 | -0.7978 | -0.1851 | -0.1376 | JIZ | SGN | FUJ |
| 2085 | 2000/10/13,21:15 | 40.4 | 142.1 | 59 | 3.7 | 3.43e14 | 92.62 | NE off Iwate pref | 346 | 62 | 64 | 212 | 38 | 130 | 0.0955 | 0.1629 | -0.3591 | -0.8593 | -0.4263 | 0.7638 | GJM | | |
| 2086 | 2000/10/13,23:01 | 35.4 | 133.3 | 8 | 3.6 | 2.38e14 | 92.29 | western Tottori pref | 65 | 88 | -175 | 335 | 85 | -2 | 0.8231 | 0.6374 | -0.0668 | -0.7098 | 0.0583 | -0.1132 | NRW | YZK | ISI |
| 2087 | 2000/10/14,03:04 | 40.4 | 139.0 | 11 | 3.7 | 4.33e14 | 84.61 | W off Aomori pref | 25 | 55 | 85 | 214 | 35 | 97 | -0.1102 | 0.5058 | 0.1164 | -0.7417 | -0.3299 | 0.8519 | GJM | KSN | |
| 2088 | 2000/10/14,10:28 | 44.2 | 148.0 | 71 | 4.0 | 1.12e15 | 75.97 | SE off Etorofu | 40 | 82 | 85 | 253 | 10 | 123 | -0.1842 | 0.1878 | 0.6122 | -0.0643 | -0.7323 | 0.2485 | URH | | |
| 2089 | 2000/10/14,11:19 | 34.1 | 140.5 | 86 | 4.8 | 1.82e16 | 91.66 | far S off Boso peninsula | 199 | 73 | -56 | 313 | 37 | -151 | -0.2468 | 0.2752 | 0.4176 | 0.7239 | -0.5878 | -0.4771 | JIZ | SGN | FUJ |
| 2090 | 2000/10/14,14:34 | 35.3 | 133.3 | 5 | 3.4 | 1.64e14 | 78.99 | western Tottori pref | 161 | 76 | -31 | 259 | 60 | -163 | 0.6021 | 0.7753 | -0.0740 | -0.2312 | -0.3907 | -0.3709 | NRW | YZK | UMJ |
| 2091 | 2000/10/14,18:54 | 36.3 | 143.1 | 8 | 3.8 | 4.79e14 | 77.75 | far E off central Honshu | 197 | 59 | -93 | 23 | 31 | -85 | 0.1039 | -0.2878 | 0.1153 | 0.7751 | -0.4607 | -0.8790 | YMZ | ONS | |
| 2092 | 2000/10/15,11:33 | 42.6 | 143.7 | 68 | 4.0 | 1.24e15 | 84.79 | SE off Tokachi | 302 | 78 | -95 | 145 | 13 | -67 | 0.2070 | 0.1055 | 0.7881 | 0.2882 | 0.4446 | -0.4952 | KMU | HSS | |
| 2093 | 2000/10/15,23:40 | 35.4 | 140.7 | 35 | 3.9 | 6.81e14 | 74.82 | Kujukuri coast Boso pen | 33 | 56 | -53 | 160 | 48 | -132 | -0.3643 | -0.1927 | -0.3032 | 1.0770 | 0.0981 | -0.7127 | SGN | JIZ | ONS |
| 2094 | 2000/10/16,06:12 | 40.8 | 139.2 | 8 | 3.7 | 4.57e14 | 84.55 | W off Aomori pref | 15 | 61 | 66 | 238 | 37 | 127 | -0.2395 | 0.4948 | -0.0682 | -0.5323 | -0.5314 | 0.7718 | GJM | KSN | KSK |
| 2095 | 2000/10/16,21:47 | 35.2 | 133.4 | 17 | 3.3 | 8.75e13 | 54.21 | western Tottori pref | 155 | 84 | 33 | 61 | 57 | 173 | 0.6089 | 0.4883 | 0.2454 | -0.7718 | 0.4585 | 0.1629 | ISI | UMJ | |
| 2096 | 2000/10/17,10:20 | 35.4 | 133.3 | 8 | 3.4 | 1.37e14 | 81.94 | western Tottori pref | 342 | 89 | 24 | 252 | 66 | 178 | 0.5922 | 0.7513 | -0.2831 | -0.4248 | -0.3458 | -0.1674 | NRW | YZK | UMJ |
| 2097 | 2000/10/17,13:10 | 35.3 | 133.3 | 8 | 3.4 | 1.29e14 | 59.16 | western Tottori pref | 317 | 67 | 27 | 216 | 65 | 155 | 0.6726 | -0.1022 | -0.3869 | -1.0507 | -0.0080 | 0.3781 | NRW | UMJ | |
| 2098 | 2000/10/17,13:17 | 35.2 | 133.4 | 8 | 4.3 | 2.84e15 | 95.81 | western Tottori pref | 309 | 87 | 18 | 218 | 72 | 177 | 1.0017 | -0.1881 | -0.3545 | -0.8448 | -0.0889 | -0.1569 | YZK | UMJ | ABU |
| 2099 | 2000/10/17,16:54 | 35.2 | 133.4 | 5 | 3.3 | 1.10e14 | 67.41 | western Tottori pref | 129 | 76 | -18 | 224 | 73 | -166 | 1.0400 | -0.1067 | -0.0681 | -0.8248 | -0.2988 | -0.2153 | YZK | UMJ | |
| 2100 | 2000/10/17,23:05 | 35.4 | 133.3 | 8 | 3.5 | 1.75e14 | 83.98 | western Tottori pref | 166 | 78 | -15 | 259 | 75 | -168 | 0.5310 | 0.8657 | 0.0825 | -0.2947 | -0.2236 | -0.2362 | NRW | YZK | UMJ |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2101 | 2000/10/18,00:35 | 33.9 | 139.5 | 5 | 4.1 | 1.86e15 | 93.69 | near Miyakejima island | 308 | 87 | 177 | 38 | 87 | 3 | -0.8694 | 0.2448 | -0.0135 | 1.0588 | -0.1043 | -0.1893 | JIZ | FUJ | SGN |
| 2102 | 2000/10/18,03:58 | 36.9 | 139.7 | 8 | 4.5 | 6.48e15 | 95.34 | northern Tochigi pref | 93 | 86 | -174 | 3 | 84 | -4 | -0.0250 | 0.9891 | -0.0953 | 0.1777 | 0.0340 | -0.1527 | KZK | SBT | SGN |
| 2103 | 2000/10/18,10:08 | 25.9 | 128.6 | 11 | 3.8 | 5.67e14 | 79.30 | near Okinawajima island | 44 | 53 | 93 | 219 | 37 | 86 | -0.3742 | 0.5872 | 0.2041 | -0.5126 | -0.1848 | 0.8868 | KGM | AMM | |
| 2104 | 2000/10/18,14:39 | 35.2 | 133.3 | 5 | 3.7 | 3.55e14 | 91.85 | western Tottori pref | 258 | 69 | -157 | 159 | 69 | -22 | 0.6097 | 0.7368 | 0.2056 | -0.3431 | -0.3704 | -0.2666 | NRW | YZK | UMJ |
| 2105 | 2000/10/18,23:03 | 35.4 | 133.3 | 5 | 3.8 | 4.90e14 | 83.30 | western Tottori pref | 351 | 87 | 30 | 259 | 60 | 176 | 0.2644 | 0.8143 | -0.0902 | -0.3516 | -0.4803 | 0.0872 | NRW | YZK | UMJ |
| 2106 | 2000/10/19,02:40 | 34.1 | 137.3 | 340 | 4.6 | 8.51e15 | 92.98 | Ensyunada | 178 | 74 | 86 | 11 | 16 | 103 | 0.1266 | 0.0377 | 0.0383 | -0.5844 | 0.8514 | 0.4578 | NAA | FUJ | TTO |
| 2107 | 2000/10/19,07:25 | 36.9 | 139.7 | 11 | 3.9 | 7.77e14 | 91.84 | northern Tochigi pref | 96 | 89 | -172 | 6 | 82 | -1 | -0.1647 | 0.9698 | -0.1324 | 0.2436 | -0.0037 | -0.0789 | KZK | SBT | SGN |
| 2108 | 2000/10/19,08:37 | 29.4 | 129.9 | 65 | 4.5 | 7.23e15 | 63.31 | near Tokara Islands | 197 | 83 | 112 | 304 | 23 | 19 | 0.2537 | -0.2149 | -0.2601 | -0.4607 | 0.8562 | 0.2071 | AMM | KGM | |
| 2109 | 2000/10/19,12:12 | 37.0 | 142.1 | 26 | 4.0 | 1.13e15 | 95.33 | E off Fukushima pref | 17 | 75 | 84 | 219 | 16 | 111 | -0.0078 | 0.2612 | 0.2386 | -0.4294 | -0.8383 | 0.4372 | YMZ | KSN | SBT |
| 2110 | 2000/10/19,14:56 | 33.5 | 139.7 | 5 | 3.8 | 6.24e14 | 80.98 | near Hachijojima island | 317 | 60 | -133 | 199 | 51 | -40 | -0.2990 | 0.2637 | 0.5027 | 0.9289 | 0.0421 | -0.6300 | JIZ | SGN | NAA |
| 2111 | 2000/10/19,14:58 | 41.6 | 142.1 | 47 | 4.5 | 5.49e15 | 84.70 | E off Aomori pref | 19 | 67 | 90 | 200 | 23 | 91 | -0.0648 | 0.2368 | 0.2198 | -0.6543 | -0.6503 | 0.7191 | TMR | KMU | KSN |
| 2112 | 2000/10/20,22:40 | 35.4 | 133.3 | 8 | 3.4 | 1.66e14 | 77.53 | western Tottori pref | 156 | 87 | -23 | 247 | 67 | -177 | 0.6897 | 0.6275 | -0.1043 | -0.6585 | -0.3793 | -0.0312 | NRW | YZK | UMJ |
| 2113 | 2000/10/21,03:21 | 33.5 | 139.5 | 5 | 3.8 | 4.97e14 | 63.30 | near Hachijojima island | 134 | 69 | -118 | 9 | 34 | -40 | -0.1447 | 0.3602 | -0.5534 | 0.7250 | -0.3551 | -0.5804 | JIZ | FUJ | |
| 2114 | 2000/10/21,08:42 | 29.6 | 128.2 | 5 | 5.1 | 5.71e16 | 93.59 | NW off Amami-Oshima is | 110 | 79 | -57 | 215 | 34 | -161 | 0.6506 | -0.2960 | -0.7177 | -0.3535 | -0.2940 | -0.2970 | AMM | KGM | |
| 2115 | 2000/10/21,09:08 | 29.6 | 128.1 | 5 | 4.4 | 4.33e15 | 92.41 | NW off Amami-Oshima is | 104 | 83 | -50 | 202 | 41 | -170 | 0.4972 | -0.5155 | -0.7067 | -0.3113 | -0.2164 | -0.1859 | AMM | KGM | |
| 2116 | 2000/10/21,13:47 | 29.6 | 128.2 | 5 | 4.5 | 5.75e15 | 90.49 | NW off Amami-Oshima is | 115 | 83 | -63 | 219 | 28 | -164 | 0.5502 | -0.1787 | -0.7751 | -0.3413 | -0.3741 | -0.2089 | AMM | KGM | |
| 2117 | 2000/10/22,01:41 | 34.0 | 135.2 | 8 | 3.9 | 7.71e14 | 76.78 | NW Wakayama pref | 331 | 86 | 25 | 239 | 65 | 176 | 0.7488 | 0.4612 | -0.2555 | -0.8027 | -0.3444 | 0.0539 | KIS | UMJ | YZK |
| 2118 | 2000/10/22,06:33 | 29.5 | 129.3 | 8 | 4.1 | 1.53e15 | 89.36 | near Tokara Islands | 112 | 68 | -34 | 216 | 59 | -154 | 0.8540 | -0.4126 | -0.2509 | -0.4825 | -0.4737 | -0.3715 | AMM | KGM | |
| 2119 | 2000/10/23,01:25 | 43.2 | 147.1 | 29 | 4.8 | 1.61e16 | 84.10 | E off Hokkaido | 152 | 61 | 66 | 14 | 37 | 126 | -0.0108 | -0.0613 | 0.4812 | -0.8264 | 0.3089 | 0.8371 | NMR | URH | |
| 2120 | 2000/10/23,03:30 | 32.5 | 132.2 | 32 | 3.4 | 1.26e14 | 88.41 | Hyuganada region | 195 | 54 | -70 | 343 | 41 | -115 | -0.0043 | 0.0293 | 0.3072 | 0.9356 | -0.2134 | -0.9313 | TKD | | |
| 2121 | 2000/10/23,05:37 | 37.2 | 142.2 | 26 | 3.7 | 3.48e14 | 78.25 | E off Fukushima pref | 6 | 49 | 91 | 185 | 41 | 89 | 0.1192 | 0.1196 | 0.0226 | -1.0437 | -0.1346 | 0.9245 | YMZ | KSK | SBT |
| 2122 | 2000/10/23,05:43 | 41.9 | 142.4 | 53 | 4.1 | 1.70e15 | 90.70 | S off Urakawa | 22 | 70 | 74 | 242 | 26 | 127 | -0.3013 | 0.3701 | 0.1625 | -0.3452 | -0.7240 | 0.6466 | KMU | TMR | HSS |
| 2123 | 2000/10/23,08:45 | 36.5 | 140.6 | 53 | 4.1 | 1.74e15 | 93.33 | northern Ibaraki pref | 20 | 68 | 96 | 184 | 22 | 75 | 0.0416 | 0.1743 | 0.2750 | -0.6852 | -0.6705 | 0.6435 | YMZ | ONS | SGN |
| 2124 | 2000/10/23,13:28 | 29.2 | 130.1 | 14 | 4.1 | 1.56e15 | 70.32 | near Amami-Oshima island | 21 | 89 | 88 | 251 | 2 | 140 | 0.0352 | 0.0744 | 0.3615 | -0.0449 | -0.9319 | 0.0096 | AMM | KGM | |
| 2125 | 2000/10/23,15:12 | 32.3 | 136.9 | 20 | 3.7 | 3.88e14 | 81.67 | far S off Tokai District | 123 | 80 | -169 | 31 | 80 | -10 | -0.8182 | 0.4360 | -0.2263 | 0.9168 | 0.0495 | -0.0986 | KIS | UMJ | YZK |
| 2126 | 2000/10/23,22:43 | 35.2 | 133.4 | 8 | 3.5 | 1.71e14 | 61.08 | western Tottori pref | 132 | 71 | -44 | 239 | 49 | -155 | 0.9607 | 0.1887 | -0.2973 | -0.5140 | -0.4497 | -0.4467 | YZK | UMJ | |
| 2127 | 2000/10/23,23:11 | 35.7 | 140.1 | 74 | 4.5 | 5.39e15 | 94.75 | northern Chiba pref | 0 | 69 | 87 | 188 | 21 | 97 | -0.0239 | 0.0473 | -0.0165 | -0.6461 | -0.7518 | 0.6699 | SGN | ONS | FUJ |
| 2128 | 2000/10/23,23:39 | 35.7 | 140.1 | 71 | 4.0 | 9.64e14 | 70.64 | northern Chiba pref | 211 | 87 | -122 | 116 | 32 | -6 | 0.4557 | -0.3427 | 0.4888 | -0.3769 | -0.6918 | -0.0789 | SGN | ONS | |
| 2129 | 2000/10/24,08:38 | 28.1 | 130.3 | 20 | 3.9 | 8.63e14 | 88.48 | near Amami-Oshima island | 187 | 85 | -95 | 55 | 7 | -42 | 0.0329 | -0.1066 | 0.1101 | 0.1336 | -0.9763 | -0.1665 | AMM | | |
| 2130 | 2000/10/24,21:54 | 33.1 | 137.9 | 360 | 4.4 | 3.96e15 | 91.79 | far S off Tokai District | 200 | 85 | 79 | 84 | 12 | 153 | -0.1920 | 0.1749 | -0.2979 | -0.0217 | 0.9164 | 0.2137 | NAA | FUJ | TTO |
| 2131 | 2000/10/24,23:03 | 35.2 | 133.4 | 8 | 3.3 | 1.07e14 | 66.30 | western Tottori pref | 123 | 81 | -31 | 218 | 59 | -169 | 0.8646 | -0.2803 | -0.3297 | -0.7234 | -0.4195 | -0.1412 | ISI | ABU | |
| 2132 | 2000/10/25,03:09 | 25.6 | 128.5 | 8 | 4.8 | 1.68e16 | 86.41 | near Okinawajima island | 208 | 54 | -112 | 62 | 42 | -63 | 0.4486 | -0.5311 | -0.0643 | 0.4406 | -0.3535 | -0.8892 | KGM | AMM | |
| 2133 | 2000/10/25,15:19 | 34.1 | 135.6 | 68 | 3.7 | 4.11e14 | 70.70 | southern Nara pref | 298 | 63 | -125 | 175 | 43 | -41 | 0.0854 | 0.5950 | 0.5202 | 0.5654 | 0.0196 | -0.6508 | ABU | UMJ | |
| 2134 | 2000/10/26,07:06 | 36.9 | 139.7 | 8 | 3.3 | 9.71e13 | 69.81 | northern Tochigi pref | 184 | 89 | 19 | 94 | 71 | 179 | -0.1696 | 0.9352 | -0.0623 | 0.0800 | 0.3272 | 0.0896 | KZK | SGN | |
| 2135 | 2000/10/26,12:23 | 44.7 | 149.4 | 50 | 4.9 | 2.20e16 | 79.30 | SE off Etorofu | 312 | 79 | -19 | 45 | 71 | -169 | 1.0174 | -0.0465 | 0.1148 | -0.8522 | 0.3065 | -0.1652 | NMR | | |
| 2136 | 2000/10/26,14:40 | 34.9 | 138.3 | 23 | 3.6 | 2.97e14 | 83.64 | central Shizuoka pref | 321 | 79 | 147 | 58 | 58 | 13 | -0.8954 | -0.2690 | -0.2081 | 0.6788 | -0.4776 | 0.2166 | JIZ | SGN | TTO |
| 2137 | 2000/10/26,19:52 | 33.3 | 137.7 | 340 | 4.4 | 3.81e15 | 94.25 | far S off Tokai District | 152 | 67 | 74 | 9 | 28 | 123 | 0.0239 | -0.1191 | 0.4299 | -0.7306 | 0.5325 | 0.7067 | KIS | JIZ | NAA |
| 2138 | 2000/10/27,01:51 | 32.2 | 131.7 | 32 | 3.6 | 3.08e14 | 80.12 | Hyuganada region | 198 | 81 | -96 | 51 | 10 | -58 | 0.1426 | -0.1355 | 0.2688 | 0.1925 | -0.9087 | -0.3352 | TKD | SBR | |
| 2139 | 2000/10/27,12:26 | 32.0 | 131.9 | 53 | 3.8 | 5.42e14 | 77.58 | Hyuganada region | 176 | 86 | 64 | 78 | 26 | 171 | 0.0382 | 0.4265 | 0.0984 | -0.1673 | 0.8871 | 0.1291 | TKD | SBR | |
| 2140 | 2000/10/28,11:08 | 35.3 | 133.3 | 8 | 3.2 | 7.70e13 | 52.59 | western Tottori pref | 202 | 49 | 82 | 34 | 42 | 99 | -0.1905 | 0.4330 | 0.0336 | -0.7768 | 0.1599 | 0.9673 | NRW | YZK | |
| 2141 | 2000/10/28,19:30 | 43.6 | 145.6 | 113 | 4.2 | 2.65e15 | 84.86 | Nemuro region | 243 | 81 | 125 | 345 | 36 | 15 | 0.2670 | 0.4323 | -0.7377 | -0.5083 | 0.2708 | 0.2412 | URH | | |
| 2142 | 2000/10/29,00:04 | 29.5 | 129.3 | 5 | 4.4 | 4.31e15 | 90.35 | near Tokara Islands | 211 | 53 | -131 | 86 | 53 | -49 | 0.6217 | -0.4936 | -0.2797 | 0.1205 | -0.4665 | -0.7422 | AMM | KGM | |
| 2143 | 2000/10/29,04:16 | 41.7 | 143.9 | 17 | 3.9 | 9.04e14 | 69.18 | SE off Tokachi | 208 | 72 | 81 | 55 | 20 | 116 | -0.2143 | 0.3541 | -0.3464 | -0.3317 | 0.7280 | 0.5460 | URH | TMR | |
| 2144 | 2000/10/30,06:58 | 35.2 | 133.4 | 5 | 3.4 | 1.38e14 | 78.36 | western Tottori pref | 311 | 81 | 18 | 218 | 73 | 170 | 0.9475 | -0.1688 | -0.4025 | -0.8851 | -0.0395 | -0.0624 | YZK | ISI | |
| 2145 | 2000/10/30,07:36 | 41.6 | 144.0 | 29 | 4.6 | 8.66e15 | 84.76 | SE off Erimomisaki | 12 | 55 | 80 | 209 | 36 | 104 | -0.1948 | 0.2738 | -0.0448 | -0.7817 | -0.3607 | 0.9764 | KMU | URH | |
| 2146 | 2000/10/30,16:43 | 34.2 | 136.4 | 38 | 5.5 | 1.70e17 | 92.18 | Shima peninsula region | 306 | 72 | 130 | 57 | 43 | 28 | -0.9276 | -0.0764 | -0.4058 | 0.4587 | -0.4472 | 0.4689 | NAA | YZK | UMJ |
| 2147 | 2000/10/30,19:20 | 34.4 | 139.2 | 20 | 4.8 | 2.11e16 | 93.06 | near Niijima island | 8 | 89 | -5 | 99 | 85 | -179 | -0.2443 | 0.9509 | -0.0220 | 0.3416 | 0.0815 | -0.0973 | JIZ | SGN | ONS |
| 2148 | 2000/10/31,06:24 | 34.5 | 139.2 | 20 | 3.6 | 2.50e14 | 68.86 | near Niijima island | 13 | 89 | -7 | 104 | 83 | -179 | -0.3767 | 0.8841 | -0.0140 | 0.5266 | 0.1255 | -0.1499 | FUJ | SGN | ONS |
| 2149 | 2000/10/31,12:26 | 37.0 | 142.0 | 29 | 4.1 | 1.61e15 | 95.56 | E off Fukushima pref | 18 | 61 | 91 | 196 | 29 | 88 | -0.0748 | 0.2339 | 0.1795 | -0.7673 | -0.5082 | 0.8421 | YMZ | KSN | SBT |
| 2150 | 2000/11/01,00:20 | 42.4 | 143.2 | 47 | 3.5 | 2.26e14 | 63.34 | Hidaka mountains region | 50 | 53 | 105 | 206 | 39 | 71 | -0.3058 | 0.5512 | 0.2905 | -0.5846 | -0.0799 | 0.8903 | URH | HSS | |
| 2151 | 2000/11/02,12:21 | 34.4 | 132.7 | 41 | 3.9 | 7.81e14 | 84.26 | western Hiroshima pref | 228 | 55 | 69 | 81 | 40 | 116 | -0.7716 | 0.4265 | -0.0899 | -0.1059 | 0.3509 | 0.8775 | NRW | | |
| 2152 | 2000/11/02,21:52 | 37.9 | 142.5 | 23 | 3.5 | 2.24e14 | 78.62 | SE off Miyagi pref | 211 | 78 | 85 | 54 | 12 | 112 | -0.2096 | 0.1721 | -0.4573 | -0.2086 | 0.7950 | 0.4182 | KSN | KSK | SBT |
| 2153 | 2000/11/03,00:41 | 35.4 | 133.3 | 5 | 3.8 | 5.26e14 | 57.35 | western Tottori pref | 165 | 89 | 85 | 67 | 5 | 172 | 0.0708 | 0.0520 | 0.2528 | -0.0763 | 0.9645 | 0.0055 | NRW | UMJ | |
| 2154 | 2000/11/03,03:37 | 35.5 | 133.3 | 8 | 3.4 | 1.22e14 | 72.00 | off E San'in region | 287 | 87 | -176 | 196 | 86 | -3 | -0.5136 | 0.8379 | 0.0734 | 0.5704 | -0.0365 | -0.0568 | NRW | YZK | ABU |
| 2155 | 2000/11/03,06:11 | 37.5 | 141.6 | 47 | 3.6 | 2.69e14 | 87.17 | E off Fukushima pref | 87 | 63 | 117 | 219 | 37 | 49 | -0.6763 | 0.4295 | 0.5390 | -0.0482 | 0.1828 | 0.7245 | HRO | KSK | KSN |
| 2156 | 2000/11/03,07:33 | 35.4 | 133.3 | 5 | 4.4 | 5.23e15 | 96.99 | western Tottori pref | 255 | 87 | -174 | 165 | 84 | -3 | 0.5537 | 0.8657 | 0.0790 | -0.4292 | -0.0490 | -0.1245 | NRW | YZK | UMJ |
| 2157 | 2000/11/03,07:53 | 35.4 | 133.3 | 5 | 3.5 | 1.70e14 | 84.34 | western Tottori pref | 166 | 88 | -9 | 257 | 81 | -178 | 0.5546 | 0.8799 | -0.0498 | -0.3383 | -0.1336 | -0.2162 | NRW | YZK | UMJ |
| 2158 | 2000/11/03,11:20 | 35.4 | 133.3 | 5 | 3.2 | 7.02e13 | 60.15 | western Tottori pref | 357 | 78 | -16 | 90 | 74 | -168 | 0.2144 | 0.9647 | -0.0768 | 0.1228 | 0.1839 | -0.3372 | NRW | YZK | |
| 2159 | 2000/11/03,18:38 | 32.4 | 132.1 | 32 | 3.9 | 7.75e14 | 87.44 | Hyuganada region | 65 | 89 | 87 | 313 | 3 | 157 | -0.1202 | 0.0852 | 0.9131 | 0.1673 | -0.4023 | -0.0470 | SBR | YTY | |
| 2160 | 2000/11/03,19:29 | 35.4 | 133.3 | 5 | 3.3 | 1.16e14 | 79.40 | western Tottori pref | 101 | 70 | 150 | 202 | 62 | 22 | -0.5956 | 0.6908 | 0.3344 | 0.2961 | 0.3864 | 0.2995 | NRW | YZK | ABU |
| 2161 | 2000/11/03,19:38 | 24.4 | 125.3 | 47 | 4.4 | 3.91e15 | 69.39 | near Miyakojima island | 251 | 81 | 81 | 118 | 12 | 136 | -0.3201 | -0.0738 | -0.8796 | -0.0136 | 0.3486 | 0.3338 | IGK | KGM | |
| 2162 | 2000/11/03,22:15 | 35.4 | 133.3 | 5 | 3.7 | 3.58e14 | 93.72 | western Tottori pref | 82 | 72 | 157 | 180 | 68 | 19 | 0.0074 | 0.8775 | 0.3477 | -0.2346 | 0.2334 | 0.2272 | NRW | YZK | UMJ |
| 2163 | 2000/11/04,01:48 | 35.4 | 133.3 | 5 | 3.5 | 1.80e14 | 83.37 | western Tottori pref | 93 | 78 | 152 | 190 | 63 | 14 | -0.2257 | 0.8318 | 0.4434 | 0.1202 | 0.3060 | 0.1056 | NRW | YZK | UMJ |
| 2164 | 2000/11/04,06:29 | 40.0 | 142.5 | 44 | 3.9 | 7.62e14 | 93.66 | NE off Iwate pref | 21 | 72 | 94 | 187 | 18 | 77 | -0.0302 | 0.1382 | 0.3111 | -0.5477 | -0.7531 | 0.5778 | IYG | KSN | TMR |
| 2165 | 2000/11/04,09:07 | 43.7 | 147.3 | 35 | 4.3 | 3.41e15 | 89.71 | E off Hokkaido | 189 | 76 | 29 | 91 | 62 | 164 | -0.2947 | 0.8706 | 0.0558 | -0.0197 | 0.4015 | 0.3144 | NMR | URH | |
| 2166 | 2000/11/04,18:00 | 35.2 | 133.4 | 8 | 3.6 | 3.11e14 | 79.55 | western Tottori pref | 318 | 86 | 22 | 226 | 68 | 176 | 0.8933 | 0.0635 | -0.2864 | -0.9530 | -0.2386 | 0.0596 | YZK | ISI | UMJ |
| 2167 | 2000/11/05,01:53 | 36.3 | 142.4 | 8 | 5.4 | 1.41e17 | 74.85 | far E off Ibaraki pref | 142 | 79 | -121 | 34 | 33 | -21 | -0.3743 | 0.0648 | -0.5492 | 0.6963 | -0.5728 | -0.3220 | HRO | KSK | SBT |
| 2168 | 2000/11/05,02:24 | 36.3 | 142.4 | 11 | 4.5 | 7.17e15 | 74.11 | far E off Ibaraki pref | 147 | 89 | 178 | 237 | 88 | 1 | -1.0827 | -0.4130 | 0.0187 | 0.7370 | 0.0211 | 0.3456 | KSN | ONS | SBT |
| 2169 | 2000/11/06,02:52 | 33.8 | 132.5 | 32 | 3.4 | 1.57e14 | 67.65 | Akinada Setonaikai | 205 | 75 | -42 | 308 | 49 | -160 | -0.4910 | 0.3259 | 0.4015 | 0.8389 | -0.4494 | -0.3478 | NRW | UMJ | TKD |
| 2170 | 2000/11/06,08:08 | 35.3 | 141.4 | 32 | 4.0 | 1.08e15 | 64.74 | E off Boso peninsula | 60 | 87 | 118 | 155 | 28 | 6 | 0.3543 | 0.2558 | 0.7779 | -0.4433 | -0.4126 | 0.0890 | YMZ | JIZ | FUJ |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2171 | 2000/11/07,20:59 | 29.7 | 129.8 | 8 | 4.1 | 1.72e15 | 78.37 | near Tokara Islands | 83 | 50 | -102 | 280 | 42 | -77 | 0.9534 | 0.0258 | -0.1380 | 0.0491 | 0.1686 | -1.0025 | AMM | KGM | |
| 2172 | 2000/11/08,17:22 | 34.2 | 139.3 | 5 | 3.9 | 8.93e14 | 74.87 | near Niijima island | 330 | 69 | -94 | 162 | 21 | -79 | 0.1173 | 0.2378 | 0.3996 | 0.5474 | 0.6374 | -0.6647 | JIZ | FUJ | SGN |
| 2173 | 2000/11/09,09:44 | 43.9 | 139.1 | 8 | 4.8 | 1.91e16 | 86.23 | NW off Shakotan pen | 359 | 58 | 102 | 157 | 34 | 72 | -0.0349 | -0.1869 | 0.1054 | -0.8557 | -0.4420 | 0.8905 | IMG | HSS | TMR |
| 2174 | 2000/11/10,11:27 | 33.7 | 133.8 | 5 | 3.9 | 7.56e14 | 79.51 | mid Kochi pref | 208 | 80 | 83 | 63 | 12 | 125 | -0.1585 | 0.2104 | -0.4204 | -0.1647 | 0.8378 | 0.3233 | ISI | | |
| 2175 | 2000/11/11,09:24 | 33.8 | 132.3 | 56 | 3.8 | 5.44e14 | 85.33 | Iyonada Setonaikai | 30 | 85 | 73 | 284 | 17 | 164 | -0.2190 | 0.2954 | 0.4908 | 0.1099 | -0.8054 | 0.1091 | YTY | NRW | SBR |
| 2176 | 2000/11/11,18:20 | 33.1 | 141.2 | 59 | 4.0 | 1.24e15 | 80.82 | E off Hachijojima island | 315 | 77 | 64 | 201 | 29 | 153 | 0.2600 | -0.2461 | -0.5929 | -0.6247 | -0.5474 | 0.3648 | JIZ | SGN | FUJ |
| 2177 | 2000/11/12,05:15 | 35.7 | 140.0 | 32 | 4.2 | 2.08e15 | 66.14 | central Chiba pref | 51 | 62 | 70 | 269 | 34 | 123 | -0.7527 | 0.2692 | 0.2716 | -0.0629 | -0.4901 | 0.8156 | SGN | FUJ | |
| 2178 | 2000/11/12,10:12 | 35.4 | 140.4 | 50 | 3.8 | 5.07e14 | 85.16 | Kujukuri coast Boso pen | 4 | 68 | 103 | 153 | 26 | 62 | -0.0813 | -0.1558 | 0.1600 | -0.6540 | -0.6882 | 0.7353 | SGN | JIZ | ONS |
| 2179 | 2000/11/12,10:38 | 35.2 | 133.1 | 5 | 3.4 | 1.44e14 | 73.76 | western Tottori pref | 254 | 83 | -157 | 162 | 67 | -7 | 0.6112 | 0.7568 | 0.3328 | -0.4404 | -0.1481 | -0.1708 | NRW | YZK | UMJ |
| 2180 | 2000/11/12,21:58 | 40.6 | 143.8 | 14 | 4.1 | 1.70e15 | 71.05 | far E off Sanriku | 45 | 66 | 122 | 168 | 39 | 40 | 0.2706 | 0.4465 | 0.3994 | -0.8628 | -0.3395 | 0.5922 | TMR | KSN | |
| 2181 | 2000/11/13,06:37 | 35.6 | 141.2 | 47 | 4.3 | 3.60e15 | 79.59 | near Choshi city | 346 | 69 | 97 | 147 | 22 | 72 | -0.2364 | -0.1878 | -0.1135 | -0.5014 | -0.7395 | 0.7377 | YMZ | SGN | ONS |
| 2182 | 2000/11/13,09:32 | 35.4 | 133.3 | 5 | 3.5 | 2.31e14 | 72.02 | western Tottori pref | 348 | 86 | 15 | 257 | 75 | 175 | 0.3918 | 0.8698 | -0.1244 | -0.4383 | -0.2408 | 0.0465 | NRW | YZK | UMJ |
| 2183 | 2000/11/13,15:57 | 42.5 | 145.0 | 32 | 5.9 | 7.79e17 | 79.43 | off Nemuro peninsula | 27 | 67 | 75 | 241 | 28 | 121 | -0.3288 | 0.4253 | 0.2058 | -0.3731 | -0.6374 | 0.7019 | URH | KMU | HSS |
| 2184 | 2000/11/13,19:13 | 35.7 | 140.1 | 68 | 4.1 | 1.34e15 | 82.24 | northern Chiba pref | 359 | 64 | 90 | 179 | 26 | 90 | 0.0893 | -0.0184 | -0.0160 | -0.8295 | -0.6242 | 0.7401 | SGN | ONS | TTO |
| 2185 | 2000/11/13,20:01 | 32.9 | 132.5 | 23 | 3.5 | 1.73e14 | 65.54 | SW Ehime pref | 189 | 67 | -94 | 19 | 23 | -81 | -0.0202 | -0.1884 | 0.0902 | 0.7039 | -0.6906 | -0.6837 | TKD | UMJ | SBR |
| 2186 | 2000/11/13,23:59 | 35.6 | 141.1 | 32 | 3.9 | 8.72e14 | 74.94 | near Choshi city | 242 | 56 | -128 | 117 | 49 | -48 | 0.8398 | 0.0172 | 0.0923 | -0.0745 | -0.6446 | -0.7653 | YMZ | SGN | ONS |
| 2187 | 2000/11/14,03:53 | 42.5 | 145.0 | 35 | 5.5 | 2.24e17 | 86.22 | off Nemuro peninsula | 29 | 71 | 80 | 237 | 22 | 117 | -0.2048 | 0.4425 | 0.3541 | -0.3391 | -0.6849 | 0.5439 | NMR | URH | HSS |
| 2188 | 2000/11/14,23:19 | 28.2 | 129.5 | 38 | 4.3 | 3.24e15 | 80.47 | near Amami-Oshima island | 1 | 62 | 47 | 244 | 50 | 142 | -0.0072 | 0.6197 | -0.2908 | -0.6048 | -0.4027 | 0.6120 | KGM | | |
| 2189 | 2000/11/15,05:08 | 41.8 | 143.7 | 32 | 4.7 | 1.27e16 | 80.39 | SE off Erimomisaki | 10 | 77 | 78 | 232 | 18 | 131 | -0.2480 | 0.2043 | 0.0451 | -0.2799 | -0.8832 | 0.5279 | KMU | URH | HSS |
| 2190 | 2000/11/15,14:19 | 42.7 | 144.6 | 56 | 4.6 | 7.60e15 | 90.96 | SE off Tokachi | 34 | 70 | 80 | 242 | 22 | 116 | -0.3392 | 0.3824 | 0.3839 | -0.2745 | -0.6520 | 0.6137 | URH | KMU | HSS |
| 2191 | 2000/11/17,07:46 | 38.7 | 143.2 | 32 | 3.9 | 7.32e14 | 89.05 | far E off Miyagi pref | 65 | 71 | 30 | 324 | 62 | 159 | -0.8223 | -0.3968 | 0.2460 | 0.5826 | -0.5074 | 0.2397 | KSN | IYG | TMR |
| 2192 | 2000/11/17,14:22 | 36.2 | 140.1 | 59 | 3.8 | 4.87e14 | 73.34 | SW Ibaraki pref | 54 | 72 | 84 | 252 | 19 | 107 | -0.4801 | 0.2697 | 0.6379 | -0.0908 | -0.4882 | 0.5709 | YMZ | ONS | HRO |
| 2193 | 2000/11/19,14:54 | 33.9 | 135.4 | 47 | 3.6 | 2.70e14 | 63.89 | central Wakayama pref | 169 | 71 | 49 | 59 | 44 | 153 | 0.1518 | 0.4767 | 0.4314 | -0.5989 | 0.5627 | 0.4471 | UMJ | YZK | |
| 2194 | 2000/11/20,21:57 | 29.1 | 130.1 | 53 | 4.8 | 2.04e16 | 64.84 | near Amami-Oshima island | 26 | 74 | -118 | 269 | 32 | -31 | 0.4757 | -0.4048 | -0.1752 | 0.0024 | 0.7645 | -0.4781 | AMM | KGM | |
| 2195 | 2000/11/21,14:16 | 43.6 | 139.8 | 250 | 4.3 | 3.39e15 | 81.87 | NW off Shakotan pen | 96 | 81 | -96 | 310 | 11 | -56 | 0.1881 | 0.0989 | -0.9432 | 0.2333 | -0.0385 | -0.4214 | HSS | URH | |
| 2196 | 2000/11/21,18:52 | 33.1 | 131.9 | 47 | 4.0 | 1.06e15 | 58.64 | southern Oita pref | 355 | 64 | 66 | 221 | 34 | 130 | -0.0559 | 0.2797 | -0.2982 | -0.7036 | -0.5661 | 0.7595 | TKD | YTY | |
| 2197 | 2000/11/22,10:39 | 25.7 | 126.2 | 44 | 4.6 | 9.55e15 | 58.09 | near Miyakojima island | 13 | 78 | -23 | 108 | 67 | -166 | -0.4058 | 0.7631 | -0.3327 | 0.5015 | 0.3195 | -0.0957 | KGM | IGK | |
| 2198 | 2000/11/22,19:18 | 37.2 | 142.2 | 23 | 3.4 | 1.39e14 | 59.77 | E off Fukushima pref | 342 | 66 | 75 | 196 | 28 | 121 | 0.1427 | -0.0313 | -0.2701 | -0.8178 | -0.6018 | 0.6750 | HRO | YMZ | SBT |
| 2199 | 2000/11/22,23:00 | 29.4 | 129.2 | 5 | 3.7 | 4.06e14 | 56.58 | near Tokara Islands | 203 | 68 | -118 | 77 | 35 | -41 | 0.4189 | -0.5024 | 0.0533 | 0.2149 | -0.6608 | -0.6337 | AMM | KGM | |
| 2200 | 2000/11/23,04:15 | 35.4 | 133.3 | 5 | 3.5 | 2.18e14 | 85.70 | western Tottori pref | 162 | 88 | -10 | 252 | 80 | -178 | 0.5681 | 0.7917 | -0.0163 | -0.5976 | -0.1713 | 0.0294 | NRW | YZK | UMJ |
| 2201 | 2000/11/23,21:12 | 44.5 | 138.8 | 280 | 4.7 | 1.43e16 | 81.54 | eastern sea of Japan | 342 | 90 | -33 | 72 | 57 | -180 | 0.4955 | 0.6614 | 0.1011 | -0.5489 | 0.5388 | 0.0534 | IMG | HSS | |
| 2202 | 2000/11/26,07:31 | 36.6 | 140.5 | 101 | 4.0 | 1.29e15 | 71.88 | northern Ibaraki pref | 191 | 58 | -98 | 26 | 33 | -78 | 0.0536 | -0.2838 | 0.0150 | 0.8288 | -0.4380 | -0.8824 | ONS | SBT | KSK |
| 2203 | 2000/11/26,21:38 | 42.0 | 142.5 | 65 | 4.0 | 1.13e15 | 81.39 | S off Urakawa | 15 | 76 | 72 | 248 | 23 | 141 | -0.1892 | 0.3707 | 0.1285 | -0.2703 | -0.8325 | 0.4594 | TMR | HSS | IYG |
| 2204 | 2000/11/27,12:53 | 35.7 | 140.7 | 53 | 4.2 | 2.09e15 | 91.37 | near Choshi city | 354 | 77 | 91 | 169 | 13 | 85 | -0.0644 | -0.0598 | -0.0922 | -0.4145 | -0.8866 | 0.4789 | SGN | ONS | KZK |
| 2205 | 2000/11/28,01:04 | 34.8 | 136.0 | 380 | 4.5 | 7.32e15 | 95.69 | Kyoto Osaka border reg | 332 | 81 | -46 | 71 | 45 | -168 | 0.6217 | 0.4396 | 0.1901 | -0.4215 | 0.6879 | -0.2002 | KIS | NAA | YZK |
| 2206 | 2000/11/29,08:45 | 27.8 | 130.5 | 11 | 4.1 | 1.56e15 | 58.02 | near Amami-Oshima island | 235 | 60 | -69 | 17 | 36 | -122 | 0.2684 | -0.3966 | 0.5260 | 0.5888 | -0.0751 | -0.8573 | AMM | KGM | |
| 2207 | 2000/11/29,23:03 | 34.2 | 139.3 | 5 | 3.8 | 5.28e14 | 87.62 | near Niijima island | 304 | 52 | -103 | 144 | 40 | -74 | 0.4911 | 0.4859 | 0.2768 | 0.4651 | 0.0164 | -0.9562 | JIZ | SGN | NAA |
| 2208 | 2000/11/30,18:46 | 33.6 | 132.3 | 47 | 4.3 | 2.97e15 | 95.24 | Iyonada Setonaikai | 238 | 87 | -86 | 7 | 5 | -142 | 0.0099 | -0.0211 | 0.8509 | 0.1365 | -0.5119 | -0.1464 | YTY | UMJ | SBR |
| 2209 | 2000/11/30,21:16 | 33.5 | 140.9 | 53 | 3.6 | 2.73e14 | 55.67 | E off Hachijojima island | 204 | 52 | 105 | 0 | 40 | 72 | 0.0206 | 0.2201 | -0.2348 | -0.9431 | 0.1664 | 0.9225 | SGN | FUJ | TTO |
| 2210 | 2000/12/01,03:02 | 34.2 | 139.4 | 5 | 3.8 | 5.87e14 | 93.72 | near Miyakejima island | 336 | 80 | -46 | 76 | 45 | -165 | 0.5454 | 0.6088 | 0.2784 | -0.2578 | 0.5932 | -0.2876 | JIZ | FUJ | SGN |
| 2211 | 2000/12/01,17:28 | 26.4 | 127.4 | 50 | 4.4 | 4.67e15 | 90.05 | near Okinawajima island | 29 | 60 | 84 | 220 | 31 | 100 | -0.1951 | 0.5010 | 0.2013 | -0.6073 | -0.4415 | 0.8024 | KGM | AMM | |
| 2212 | 2000/12/01,19:13 | 36.0 | 140.2 | 59 | 3.5 | 2.27e14 | 80.17 | southern Ibaraki pref | 323 | 73 | 55 | 210 | 38 | 151 | 0.4387 | -0.1650 | -0.3945 | -0.8922 | -0.5113 | 0.4536 | YMZ | SGN | TTO |
| 2213 | 2000/12/02,02:40 | 25.9 | 129.6 | 5 | 3.9 | 8.32e14 | 74.22 | near Minami-Daitojima is | 39 | 72 | -90 | 218 | 18 | -91 | 0.2315 | -0.2859 | -0.5073 | 0.3615 | 0.6277 | -0.5930 | KGM | AMM | |
| 2214 | 2000/12/02,21:12 | 42.0 | 142.9 | 32 | 4.1 | 1.43e15 | 88.23 | S off Urakawa | 298 | 49 | 95 | 110 | 41 | 85 | -0.7974 | -0.2996 | -0.0923 | -0.2521 | -0.1226 | 1.0495 | URH | HSS | |
| 2215 | 2000/12/03,22:13 | 37.2 | 142.4 | 20 | 3.9 | 8.56e14 | 89.75 | E off Fukushima pref | 9 | 90 | 84 | 278 | 6 | 179 | 0.1089 | 0.1333 | 0.1723 | -0.0394 | -0.9801 | -0.0694 | YMZ | KSK | SBT |
| 2216 | 2000/12/03,23:58 | 34.5 | 140.5 | 41 | 3.5 | 2.03e14 | 74.55 | SE off Boso peninsula | 232 | 67 | 120 | 357 | 37 | 41 | -0.0477 | 0.1667 | -0.7973 | -0.6696 | 0.0352 | 0.7173 | SGN | | |
| 2217 | 2000/12/04,01:22 | 27.4 | 128.3 | 35 | 4.8 | 1.78e16 | 67.74 | near Okinawajima island | 36 | 89 | 106 | 129 | 16 | 3 | 0.2713 | -0.0480 | 0.5609 | -0.2856 | -0.7809 | 0.0143 | KGM | AMM | |
| 2218 | 2000/12/04,16:47 | 35.8 | 141.2 | 38 | 5.6 | 3.11e17 | 83.44 | near Choshi city | 7 | 83 | 83 | 234 | 10 | 136 | -0.0130 | 0.1599 | 0.1094 | -0.2202 | -0.9562 | 0.2333 | YMZ | ONS | TTO |
| 2219 | 2000/12/06,06:12 | 42.7 | 143.4 | 83 | 4.3 | 2.83e15 | 88.73 | Tokachi region | 133 | 62 | 65 | 358 | 37 | 128 | -0.1323 | -0.2332 | 0.6173 | -0.7039 | 0.1123 | 0.8362 | KMU | HSS | |
| 2220 | 2000/12/06,12:02 | 41.9 | 142.3 | 62 | 4.1 | 1.74e15 | 84.47 | S off Urakawa | 30 | 70 | 94 | 198 | 20 | 79 | -0.1202 | 0.2247 | 0.4023 | -0.5365 | -0.6496 | 0.6567 | HSS | URH | |
| 2221 | 2000/12/07,11:03 | 32.2 | 130.0 | 8 | 3.5 | 2.13e14 | 60.22 | Amakusa region | 301 | 85 | -11 | 31 | 79 | -175 | 0.8523 | -0.4599 | 0.1154 | -0.8776 | 0.1769 | 0.0254 | FUK | SBR | TKD |
| 2222 | 2000/12/07,14:09 | 35.4 | 133.3 | 8 | 4.1 | 1.67e15 | 96.72 | western Tottori pref | 79 | 85 | -172 | 349 | 82 | -5 | 0.4556 | 0.9135 | -0.1060 | -0.2958 | 0.0771 | -0.1598 | NRW | YZK | UMJ |
| 2223 | 2000/12/07,21:15 | 43.3 | 144.4 | 116 | 4.3 | 3.45e15 | 87.87 | Kushiro region | 70 | 86 | 69 | 331 | 21 | 170 | -0.3584 | -0.2081 | 0.8751 | 0.2577 | -0.3021 | 0.1007 | URH | KMU | |
| 2224 | 2000/12/08,17:48 | 36.7 | 141.4 | 38 | 4.1 | 1.80e15 | 75.13 | E off Ibaraki pref | 195 | 87 | -88 | 344 | 3 | -121 | -0.0448 | -0.0148 | 0.2604 | 0.1281 | -0.9618 | -0.0833 | SBT | ONS | SGN |
| 2225 | 2000/12/08,19:38 | 43.9 | 139.1 | 8 | 3.9 | 7.24e14 | 71.25 | NW off Shakotan pen | 6 | 55 | 112 | 151 | 41 | 62 | -0.0506 | -0.1847 | 0.3106 | -0.8699 | -0.2830 | 0.9205 | HSS | TMR | URH |
| 2226 | 2000/12/09,09:51 | 36.4 | 130.1 | 5 | 3.9 | 8.26e14 | 80.91 | sea of Japan | 220 | 62 | 108 | 7 | 33 | 61 | -0.0627 | 0.3640 | -0.4404 | -0.7266 | 0.3090 | 0.7893 | YTY | SBR | NRW |
| 2227 | 2000/12/10,08:18 | 26.6 | 126.5 | 98 | 4.5 | 6.88e15 | 83.36 | NW off Okinawajima is | 232 | 71 | 79 | 83 | 22 | 119 | -0.5515 | 0.2376 | -0.5670 | -0.0647 | 0.5281 | 0.6163 | KGM | AMM | |
| 2228 | 2000/12/10,12:30 | 39.1 | 141.4 | 98 | 3.9 | 8.44e14 | 79.90 | southern Iwate pref | 220 | 86 | 123 | 316 | 33 | 7 | 0.4684 | -0.0940 | -0.6165 | -0.5899 | 0.5733 | 0.1215 | IYG | SBT | |
| 2229 | 2000/12/10,12:43 | 43.0 | 146.7 | 47 | 4.3 | 3.71e15 | 78.63 | off Nemuro peninsula | 66 | 66 | 109 | 207 | 30 | 55 | -0.3637 | 0.3590 | 0.6634 | -0.4069 | -0.0754 | 0.7706 | NMR | URH | |
| 2230 | 2000/12/10,17:44 | 34.9 | 137.9 | 38 | 3.6 | 2.80e14 | 85.66 | SW Shizuoka pref | 40 | 81 | -21 | 134 | 69 | -171 | -0.8691 | 0.0985 | -0.3414 | 0.9624 | 0.1701 | -0.0933 | FUJ | NAA | TTO |
| 2231 | 2000/12/12,09:21 | 34.2 | 139.3 | 5 | 3.8 | 5.80e14 | 79.36 | near Niijima island | 176 | 59 | -41 | 290 | 55 | -142 | 0.0683 | 0.7833 | 0.2029 | 0.5439 | -0.2402 | -0.6122 | JIZ | FUJ | SGN |
| 2232 | 2000/12/12,21:02 | 42.2 | 143.6 | 29 | 3.7 | 4.56e14 | 54.36 | SE off Tokachi | 238 | 67 | -100 | 83 | 25 | -67 | 0.6266 | -0.1538 | 0.5299 | 0.1480 | -0.4530 | -0.7746 | KMU | URH | |
| 2233 | 2000/12/13,14:27 | 28.7 | 130.2 | 17 | 4.8 | 1.58e16 | 65.06 | near Amami-Oshima island | 41 | 50 | 109 | 193 | 44 | 69 | -0.1022 | 0.4789 | 0.2313 | -0.7976 | 0.0115 | 0.8998 | AMM | KGM | |
| 2234 | 2000/12/13,17:22 | 27.1 | 130.3 | 5 | 3.9 | 9.38e14 | 84.03 | near Minami-Daitojima is | 31 | 69 | -95 | 226 | 21 | -76 | 0.2991 | -0.2782 | -0.3486 | 0.4027 | 0.6585 | -0.7018 | AMM | | |
| 2235 | 2000/12/14,10:03 | 37.0 | 141.7 | 41 | 3.8 | 4.79e14 | 85.52 | E off Fukushima pref | 48 | 51 | 102 | 209 | 40 | 75 | -0.3751 | 0.4793 | 0.2509 | -0.5883 | -0.0400 | 0.9634 | YMZ | KSK | KSN |
| 2236 | 2000/12/14,20:38 | 32.0 | 138.1 | 400 | 4.5 | 7.43e15 | 88.98 | far S off Tokai District | 173 | 78 | 76 | 42 | 18 | 138 | 0.0903 | 0.1678 | 0.1490 | -0.4626 | 0.8778 | 0.3723 | KIS | JIZ | FUJ |
| 2237 | 2000/12/15,21:00 | 40.3 | 142.5 | 17 | 3.4 | 1.56e14 | 52.06 | NE off Iwate pref | 54 | 81 | 95 | 207 | 10 | 63 | -0.1245 | 0.1984 | 0.7696 | -0.1628 | -0.5531 | 0.2872 | IYG | KSN | |
| 2238 | 2000/12/19,01:51 | 27.7 | 126.6 | 5 | 4.5 | 6.38e15 | 92.58 | NW off Okinawajima is | 100 | 79 | -56 | 205 | 36 | -161 | 0.5069 | -0.4714 | -0.7337 | -0.1921 | -0.2109 | -0.3148 | KGM | AMM | |
| 2239 | 2000/12/19,10:51 | 29.4 | 131.4 | 50 | 4.8 | 1.69e16 | 64.09 | near Amami-Oshima island | 26 | 72 | -78 | 172 | 21 | -123 | 0.0181 | -0.0622 | -0.4295 | 0.5869 | 0.6828 | -0.6050 | AMM | TKD | |
| 2240 | 2000/12/20,02:28 | 37.9 | 142.6 | 26 | 4.0 | 9.80e14 | 91.12 | SE off Miyagi pref | 19 | 56 | 113 | 161 | 41 | 60 | 0.1331 | -0.0000 | 0.3067 | -0.9785 | -0.2466 | 0.8454 | KSN | KSK | YMZ |

Table 5 : Estimated moment tensors (continued).

| No. | Origin Time(UT) | Lat(N) | Lon(E) | D(km) | Mw | Mo(Nm) | VarRed | Region name | Str1 | Dip1 | Rak1 | Str2 | Dip2 | Rak2 | Mxx | Mxy | Mxz | Myy | Myz | Mzz | used Stations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2241 | 2000/12/20,07:16 | 45.7 | 144.9 | 8 | 4.0 | 9.75e14 | 79.23 | southern sea of Okhotsk | 113 | 48 | 81 | 307 | 42 | 100 | -0.7439 | -0.4298 | 0.1479 | -0.2411 | -0.0518 | 0.9850 | TNK | URH | |
| 2242 | 2000/12/21,20:50 | 33.7 | 140.6 | 68 | 4.5 | 5.98e15 | 93.94 | E off Hachijojima island | 198 | 76 | 121 | 311 | 33 | 26 | 0.1959 | -0.2941 | -0.4198 | -0.6149 | 0.6704 | 0.4190 | JIZ | SGN | FUJ |
| 2243 | 2000/12/22,03:48 | 40.1 | 139.0 | 17 | 3.5 | 1.75e14 | 67.97 | W off Akita pref | 135 | 84 | -17 | 227 | 73 | -174 | 1.0154 | 0.0248 | -0.1414 | -0.9013 | -0.2434 | -0.1141 | GJM | KSN | |
| 2244 | 2000/12/22,10:13 | 44.5 | 147.5 | 150 | 6.1 | 1.88e18 | 71.15 | near Etorofu island | 260 | 80 | -76 | 25 | 17 | -144 | 0.2633 | -0.2939 | 0.9042 | 0.0410 | -0.1368 | -0.3042 | NMR | URH | HSS |
| 2245 | 2000/12/22,17:18 | 30.1 | 130.8 | 47 | 4.2 | 2.09e15 | 66.45 | near Tanegashima island | 208 | 74 | 102 | 350 | 20 | 54 | 0.1800 | 0.2090 | -0.3951 | -0.6121 | 0.7282 | 0.4322 | AMM | TKD | |
| 2246 | 2000/12/26,22:12 | 44.2 | 148.0 | 35 | 4.4 | 4.03e15 | 53.80 | SE off Etorofu | 30 | 72 | 70 | 260 | 27 | 136 | -0.4010 | 0.4515 | 0.3179 | -0.1343 | -0.6847 | 0.5353 | NMR | URH | |
| 2247 | 2000/12/27,01:30 | 34.6 | 137.8 | 8 | 3.4 | 1.39e14 | 77.20 | Ensyunada | 355 | 80 | 12 | 263 | 78 | 170 | 0.2295 | 0.9340 | -0.2445 | -0.1463 | -0.2188 | -0.0832 | FUJ | JIZ | TTO |
| 2248 | 2000/12/28,07:54 | 43.1 | 147.8 | 14 | 4.3 | 3.36e15 | 74.67 | E off Hokkaido | 72 | 70 | -69 | 203 | 29 | -135 | 0.3219 | -0.4090 | -0.7328 | 0.3065 | 0.0595 | -0.6285 | NMR | URH | |
| 2249 | 2000/12/29,10:17 | 41.4 | 143.1 | 59 | 3.5 | 1.71e14 | 57.68 | E off Aomori pref | 67 | 89 | -34 | 158 | 56 | -179 | -0.5695 | -0.5987 | -0.5117 | 0.5951 | 0.2101 | -0.0256 | TMR | HSS | |
| 2250 | 2000/12/30,12:40 | 43.2 | 146.8 | 35 | 3.5 | 1.96e14 | 54.09 | E off Hokkaido | 217 | 76 | 88 | 47 | 14 | 100 | -0.1155 | 0.4057 | -0.5349 | -0.2470 | 0.6969 | 0.3625 | NMR | URH | |
| 2251 | 2000/12/31,01:28 | 34.2 | 139.3 | 5 | 3.8 | 4.95e14 | 91.41 | near Niijima island | 348 | 61 | -51 | 109 | 47 | -139 | 0.2248 | 0.6835 | -0.1594 | 0.4243 | 0.4325 | -0.6491 | JIZ | FUJ | SGN |
| 2252 | 2000/12/31,14:24 | 33.3 | 135.1 | 29 | 3.6 | 2.55e14 | 88.39 | S off Kii peninsula | 178 | 87 | 12 | 87 | 78 | 177 | 0.0955 | 0.9726 | 0.0818 | -0.0556 | 0.2098 | -0.0398 | UMJ | ABU | |

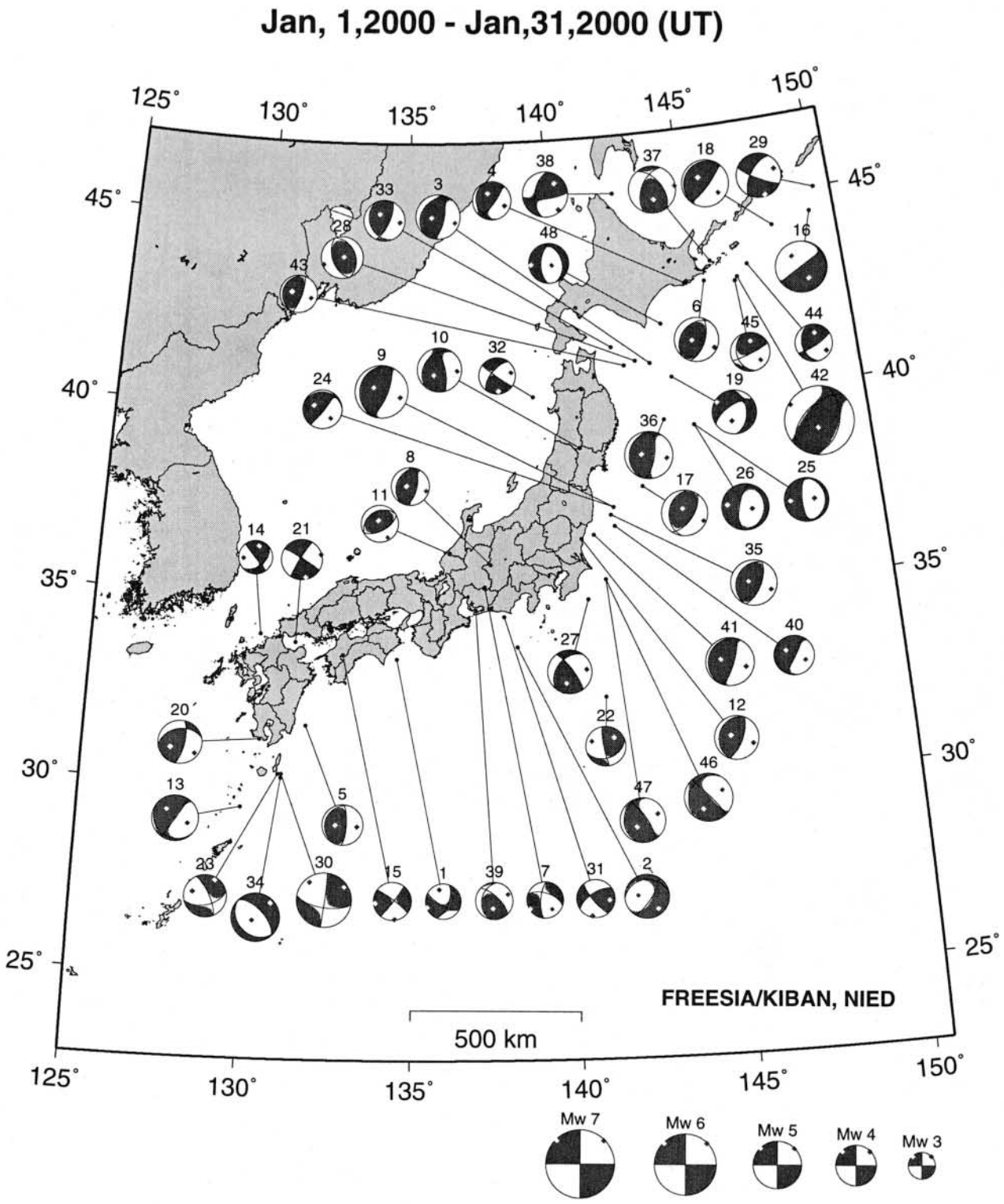


Fig. 2 : Estimated moment tensors plotted with epicentral locations. For the Niijima-Kouzushima-Miyakejima seismic swarm, $Mw \geq 6.0$ earthquakes are plotted and a magnified map for $Mw \geq 5.3$ earthquakes is prepared. For the western Tottori earthquake sequence, $Mw \geq 4.4$ aftershocks are plotted and a magnified map for $Mw \geq 3.5$ is prepared.

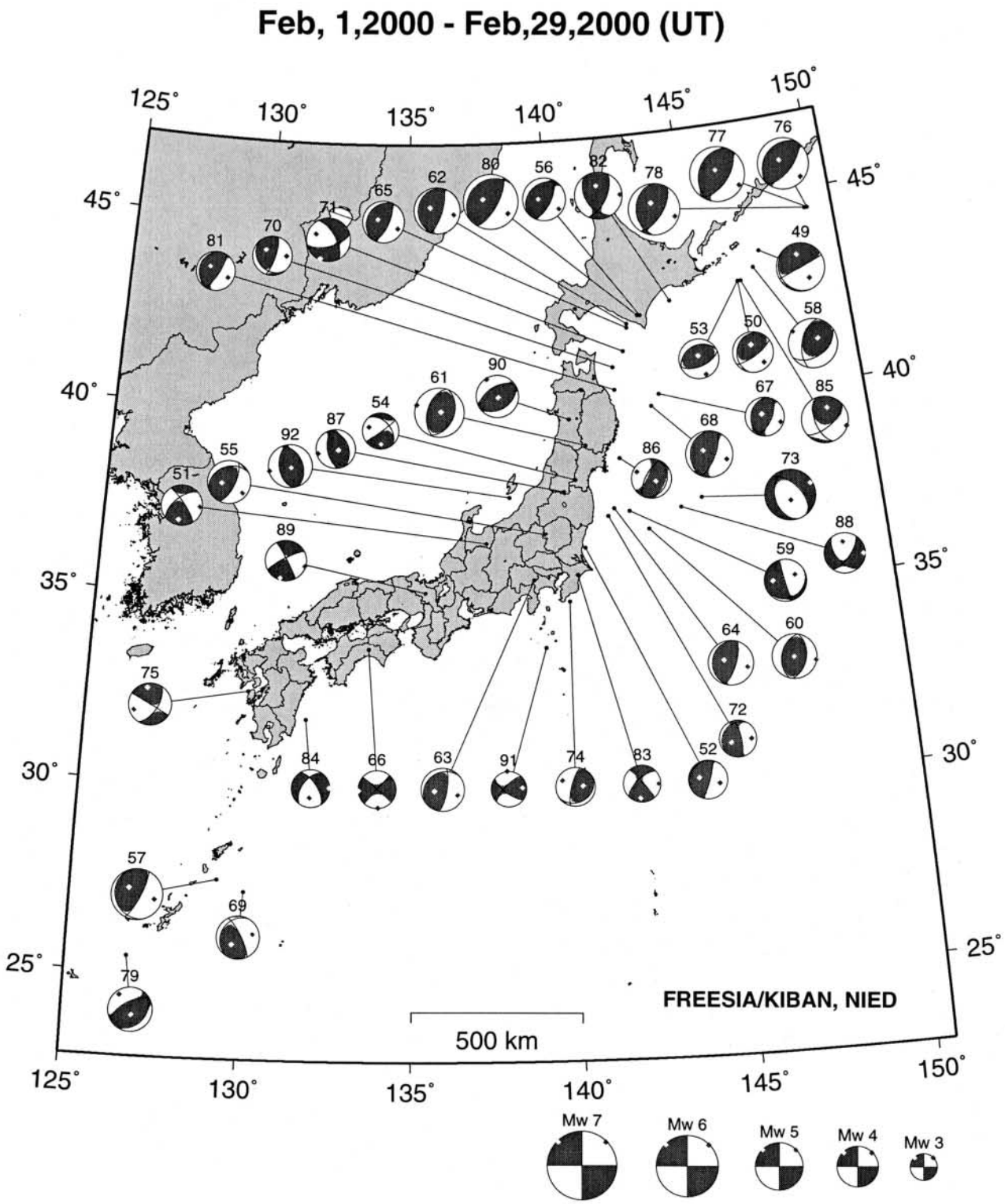


Fig. 2 : Estimated moment tensors plotted with epicentral locations (continued).

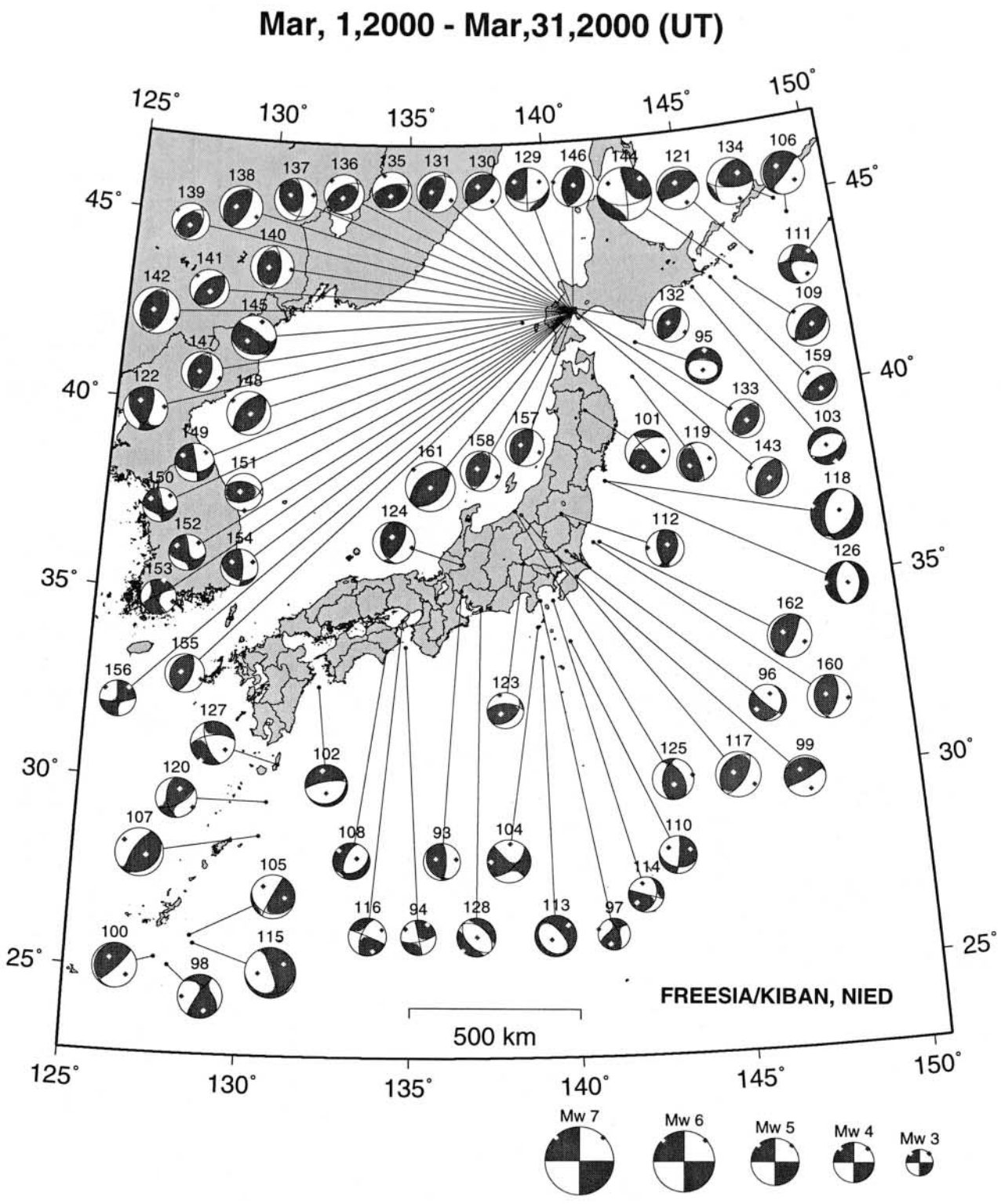


Fig. 2 : Estimated moment tensors plotted with epicentral locations (continued).

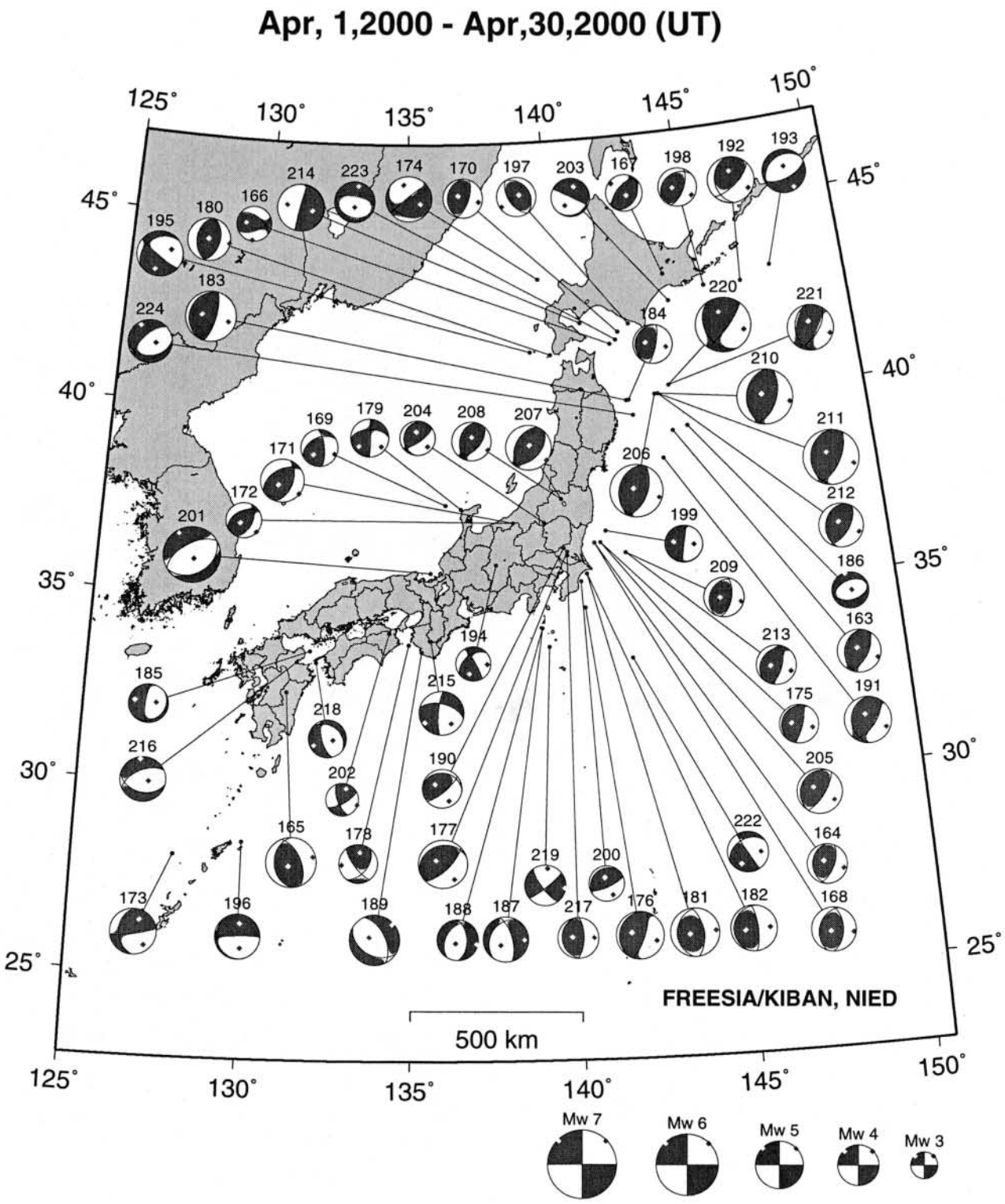


Fig. 2 : Estimated moment tensors plotted with epicentral locations (continued).

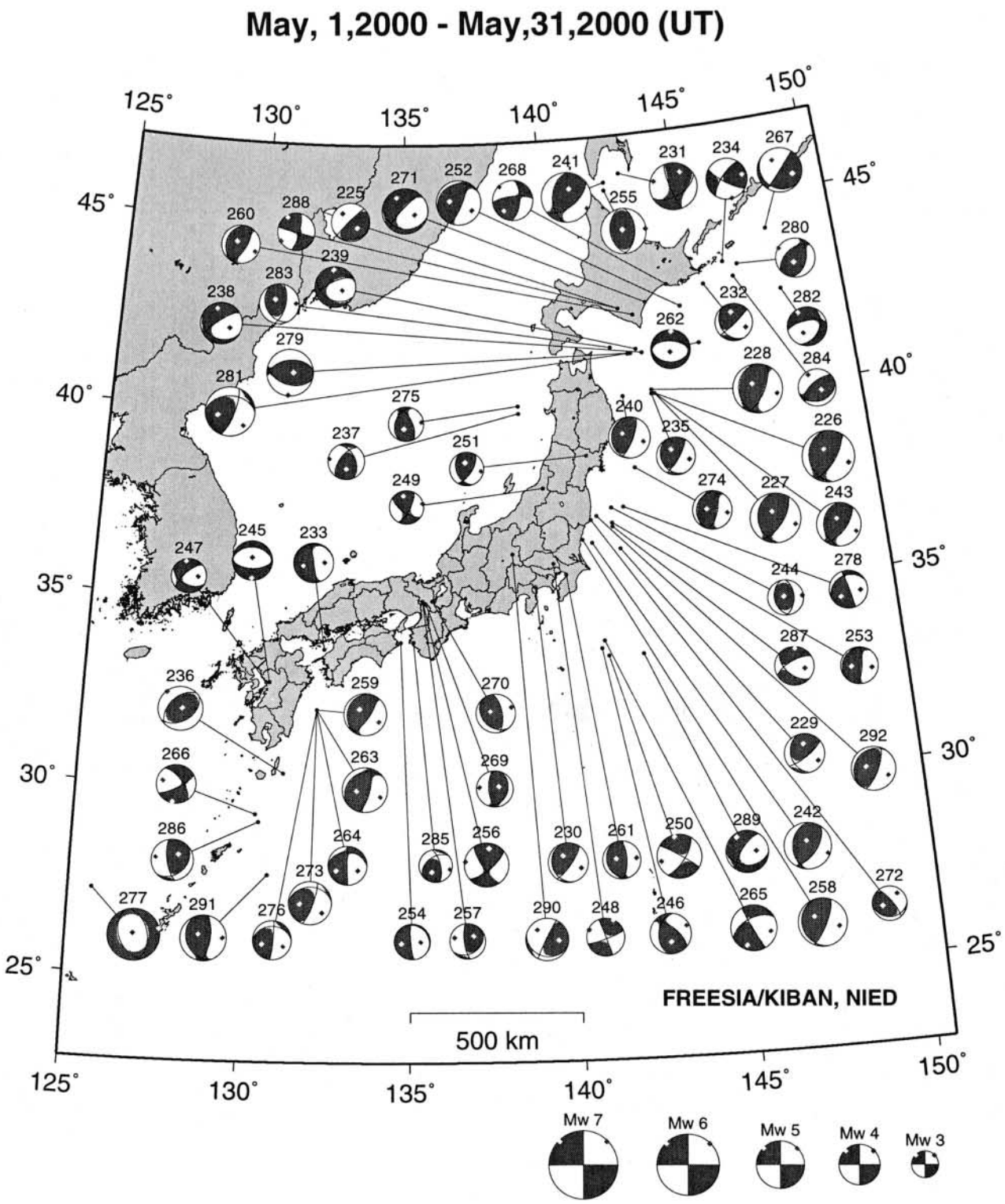


Fig. 2 : Estimated moment tensors plotted with epicentral locations (continued).

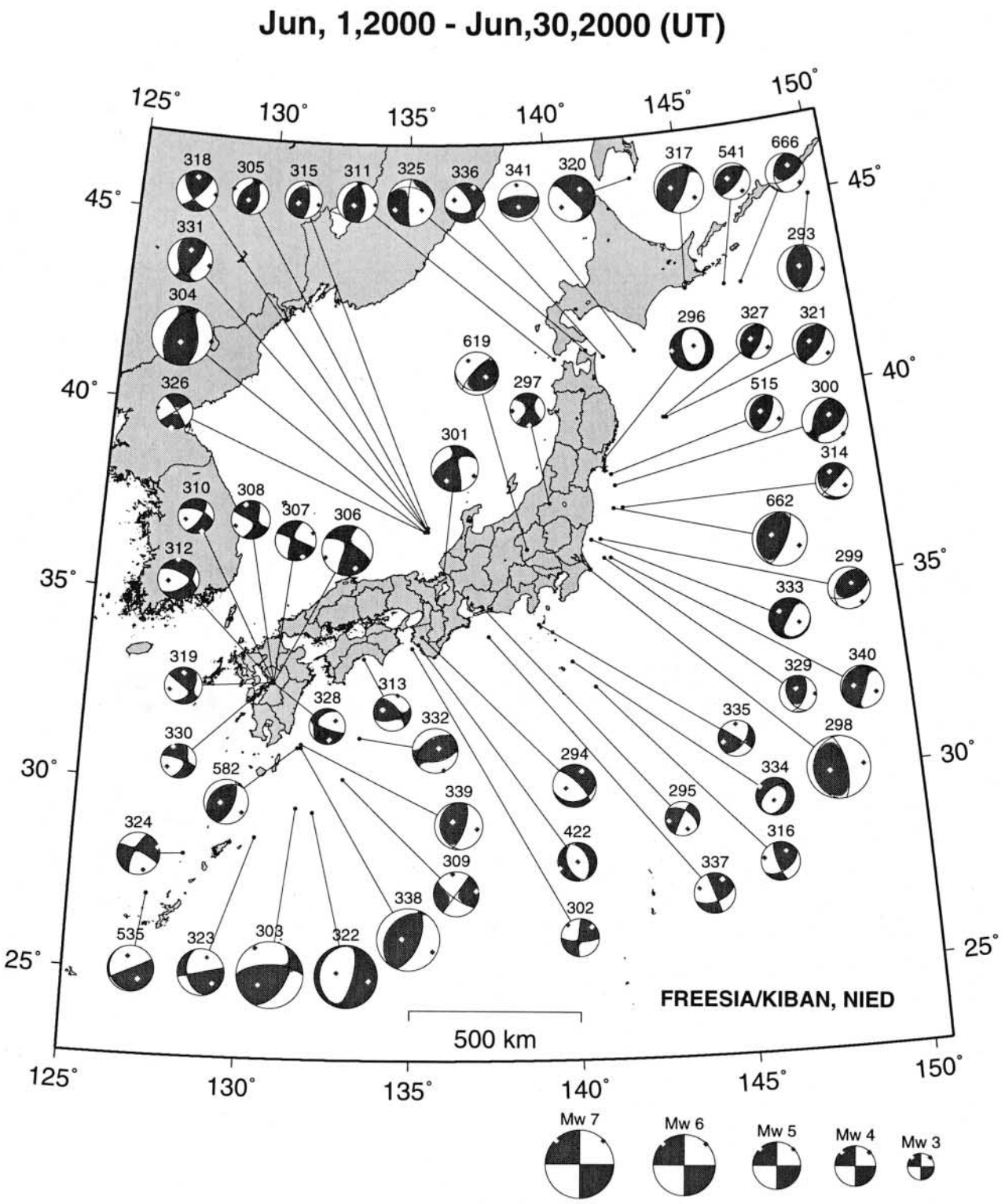


Fig. 2 : Estimated moment tensors plotted with epicentral locations (continued).

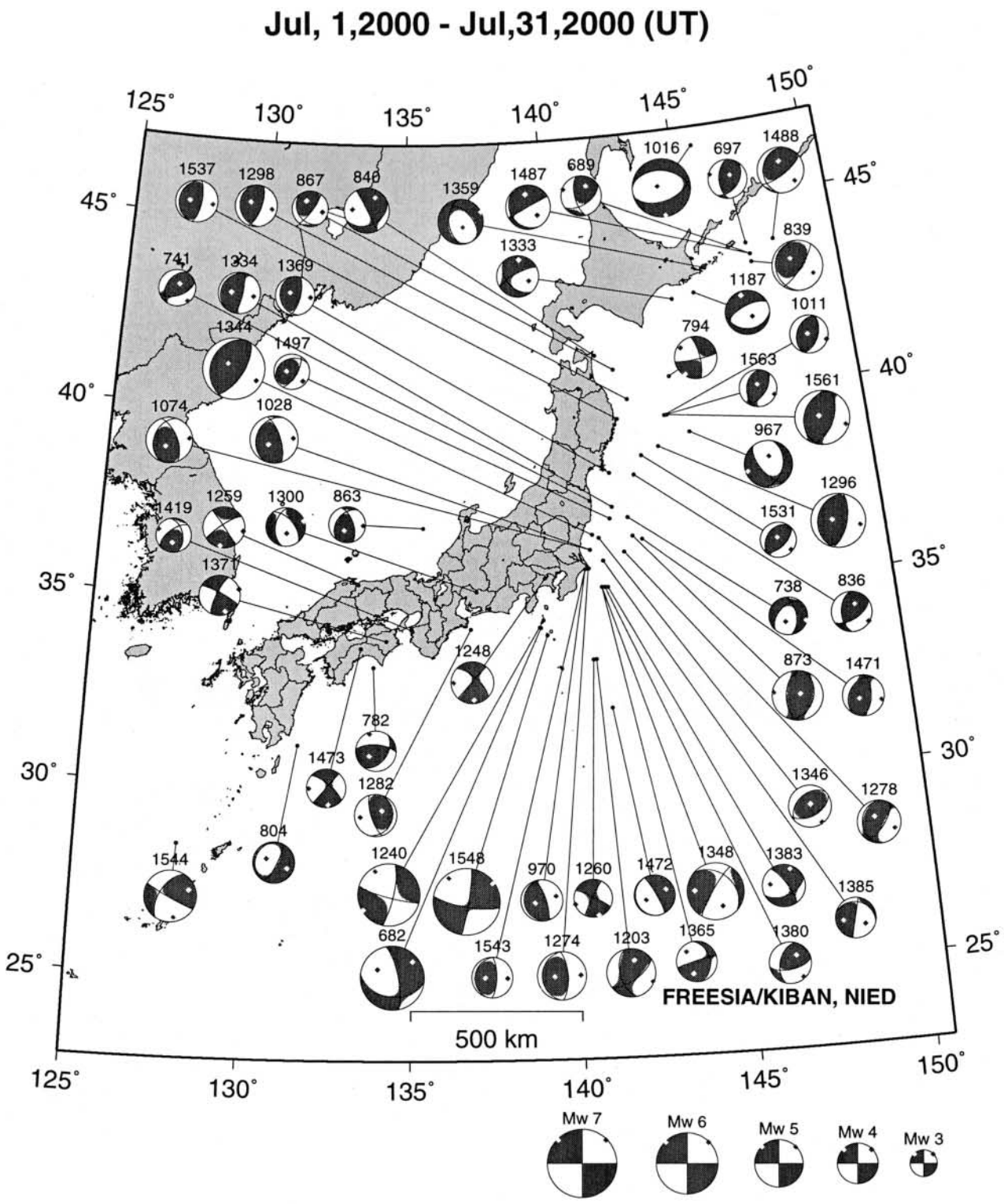


Fig. 2 : Estimated moment tensors plotted with epicentral locations (continued).

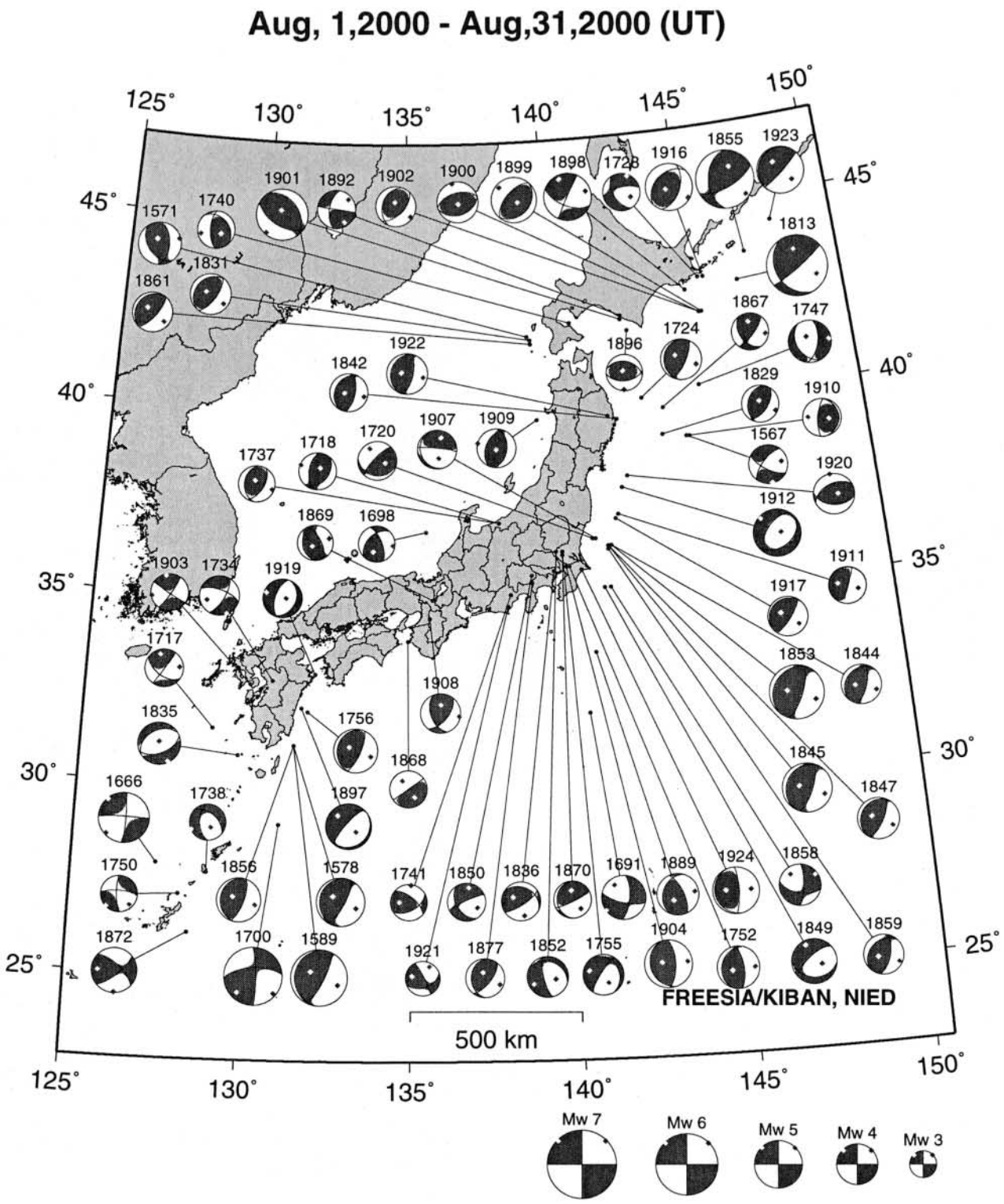


Fig. 2 : Estimated moment tensors plotted with epicentral locations (continued).

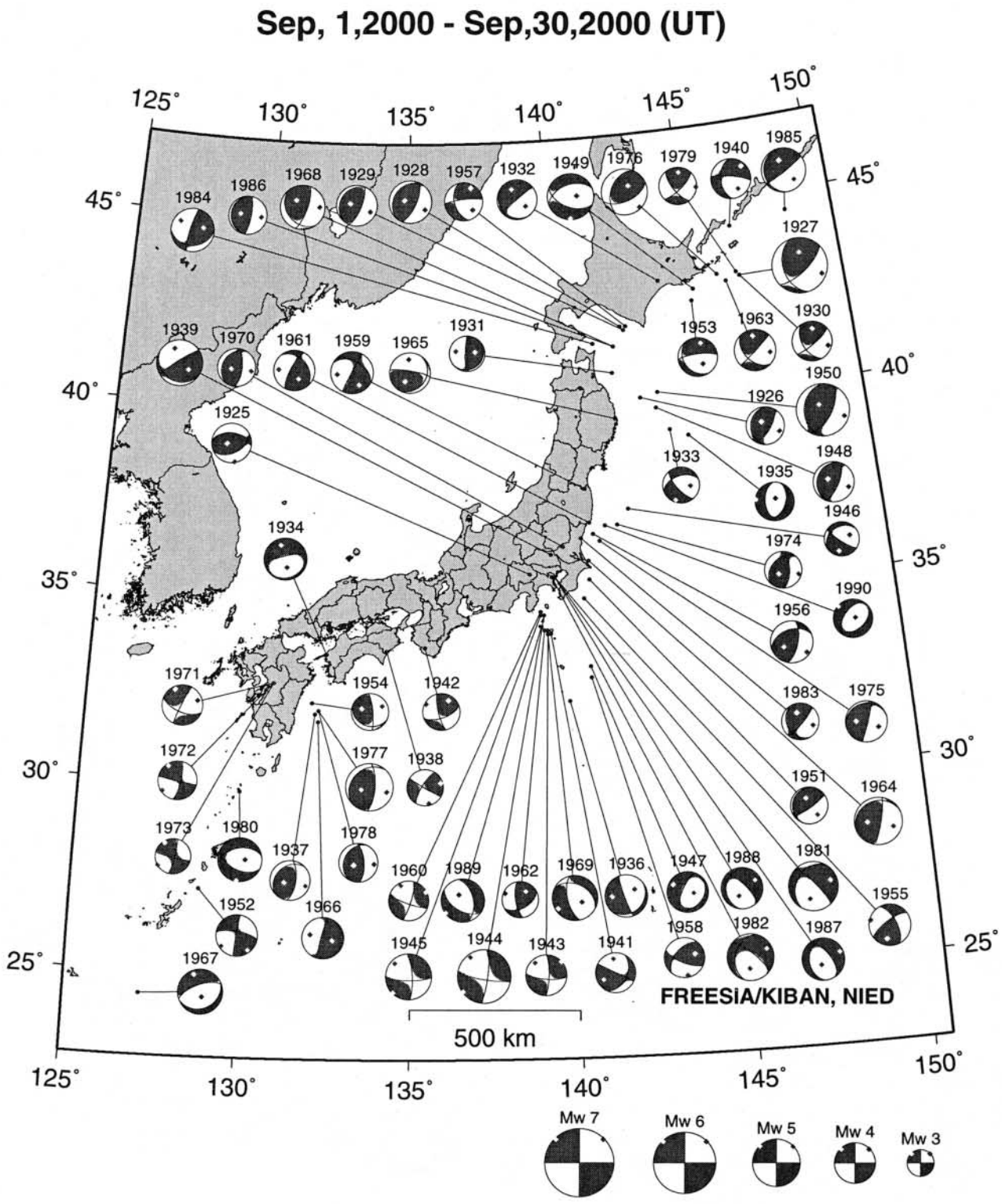


Fig. 2 : Estimated moment tensors plotted with epicentral locations (continued).

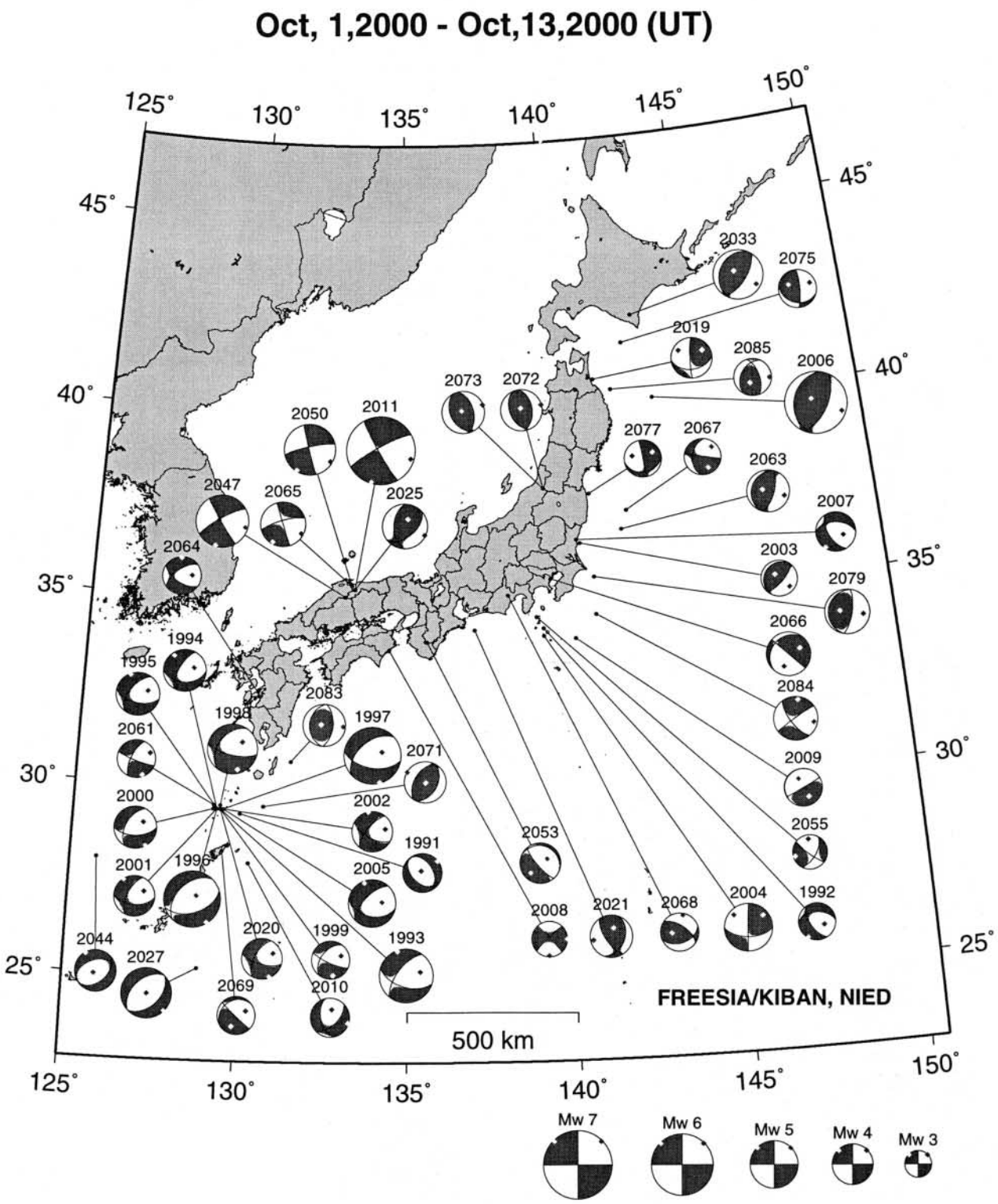


Fig. 2 : Estimated moment tensors plotted with epicentral locations (continued).

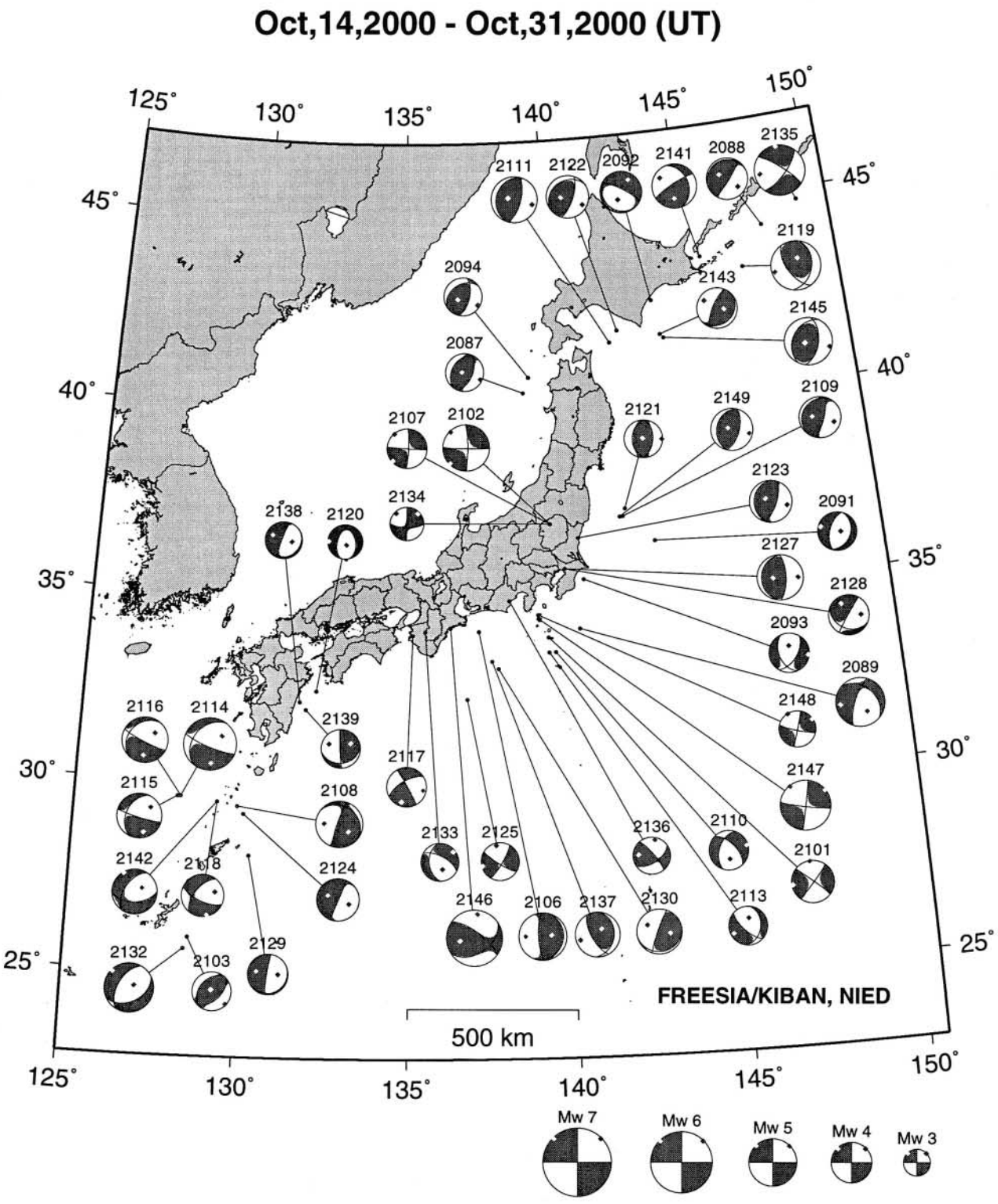


Fig. 2 : Estimated moment tensors plotted with epicentral locations (continued).

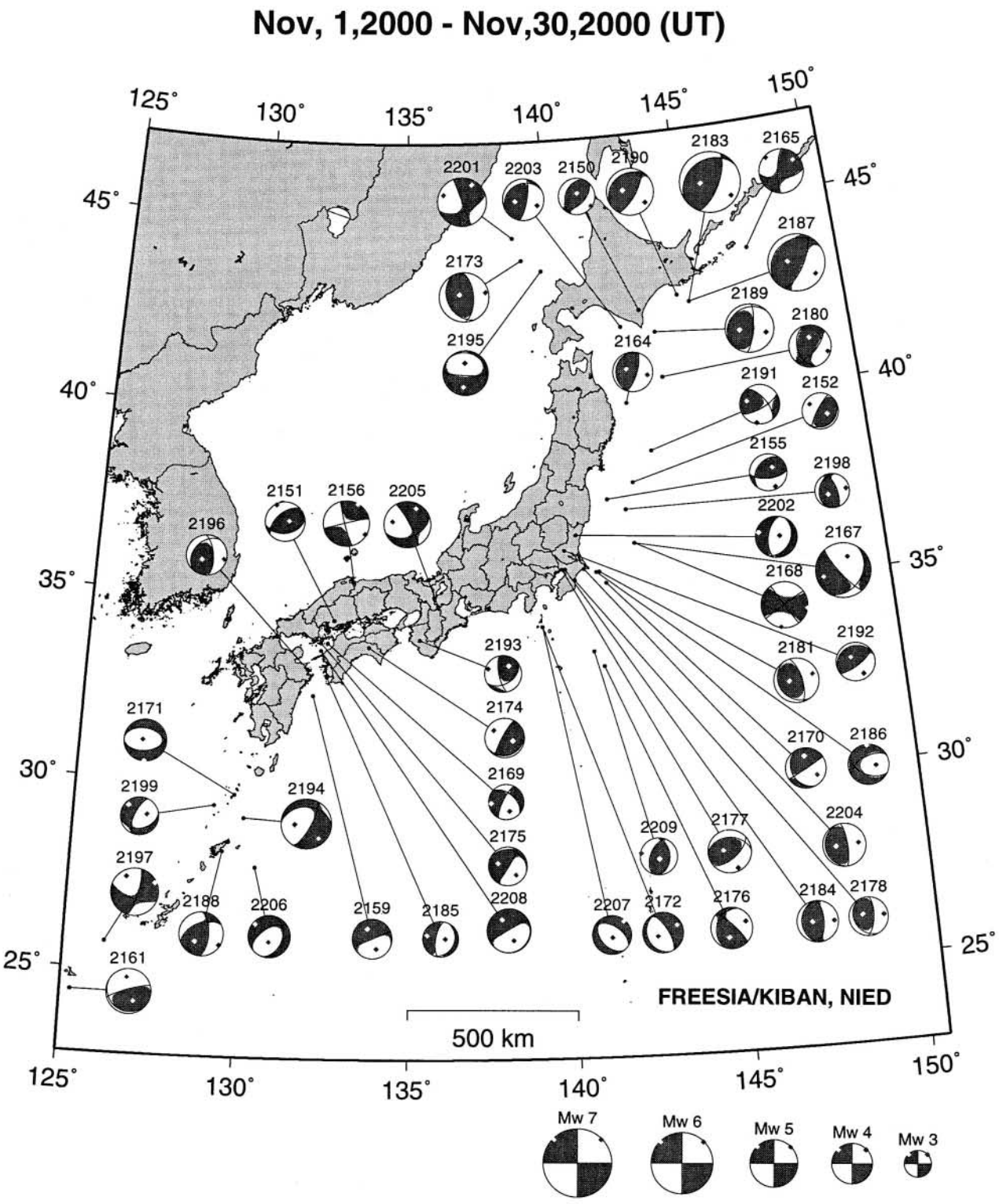


Fig. 2 : Estimated moment tensors plotted with epicentral locations (continued).

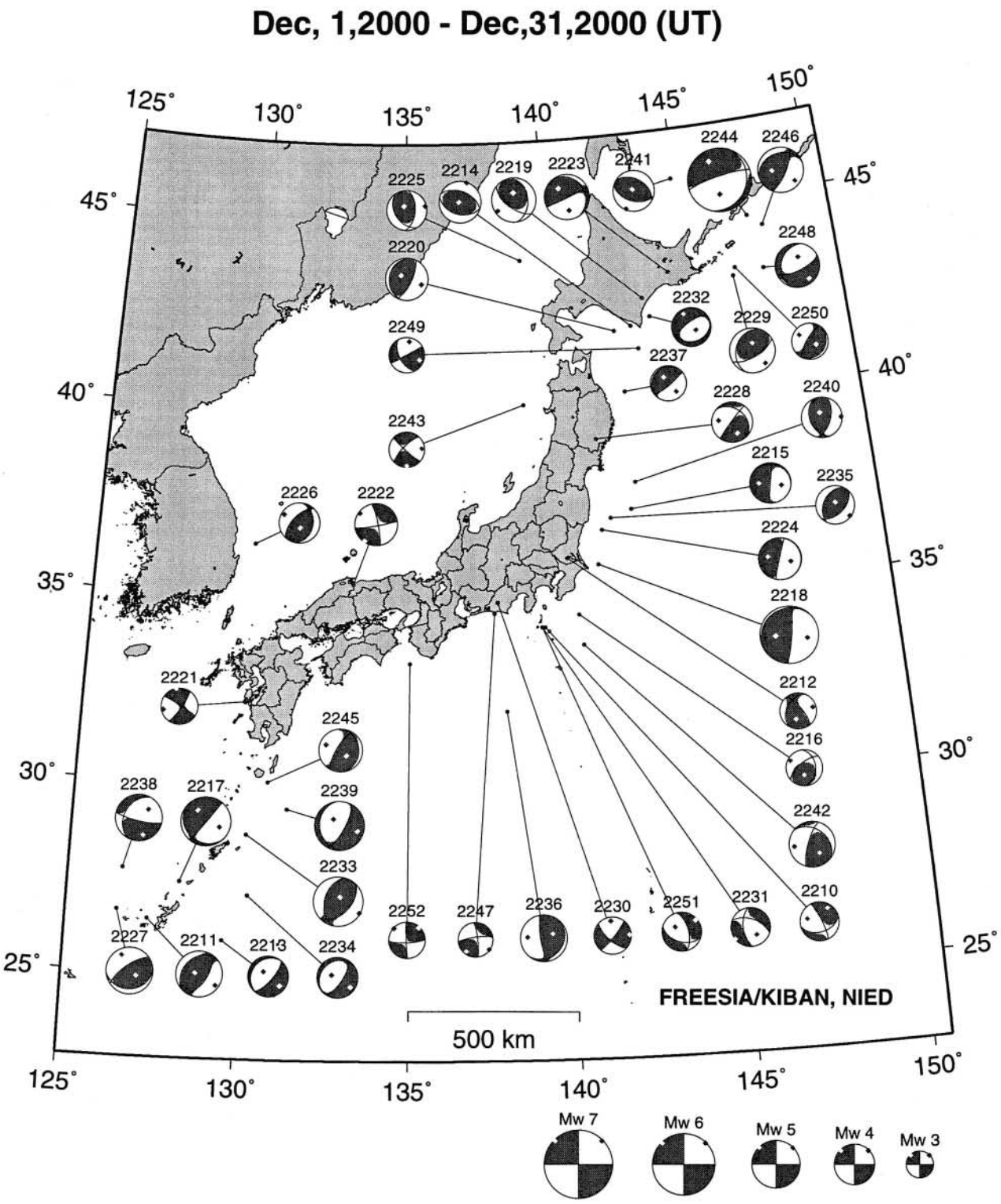


Fig. 2 : Estimated moment tensors plotted with epicentral locations (continued).

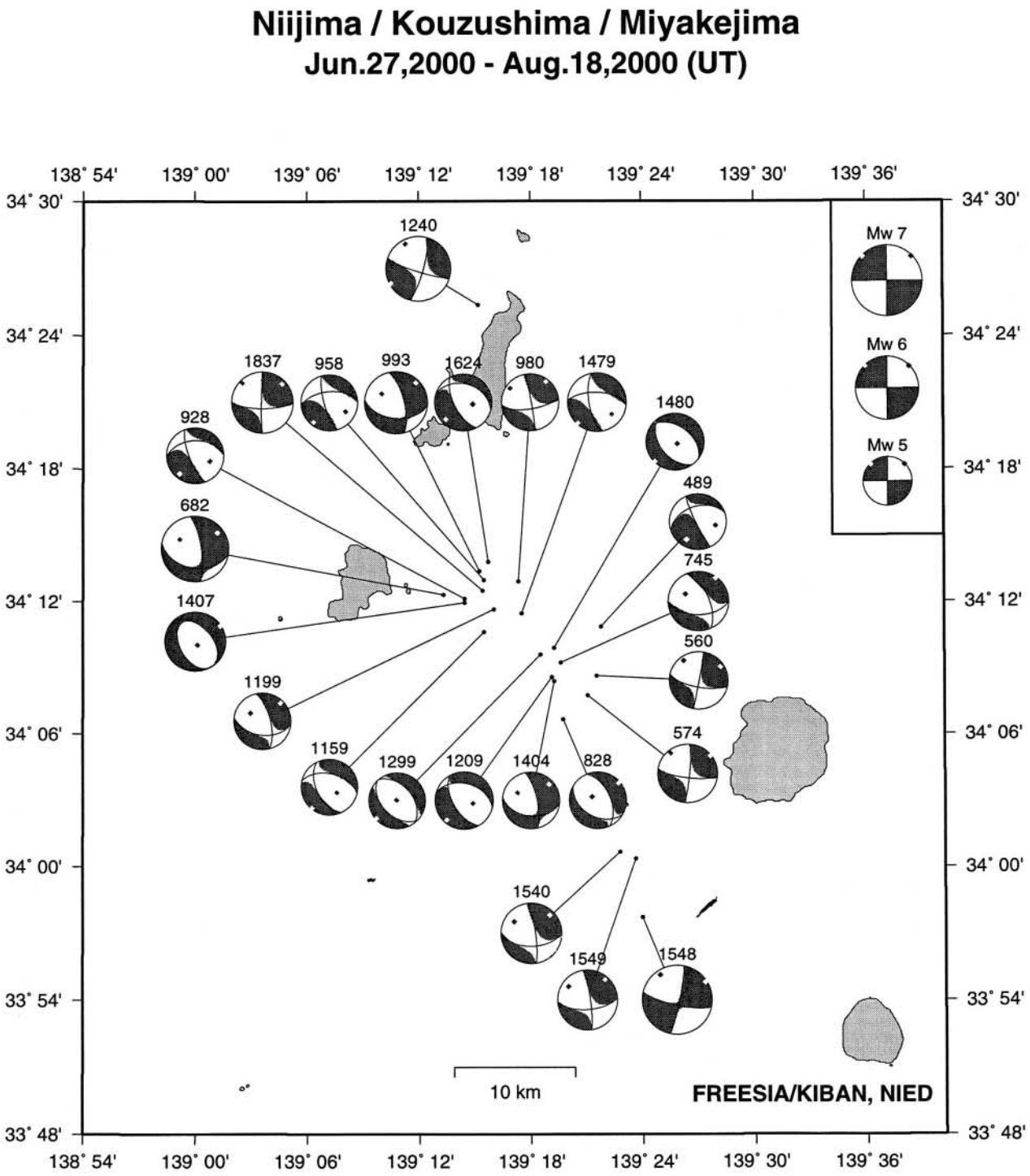


Fig. 2 : Estimated moment tensors plotted with epicentral locations (continued).

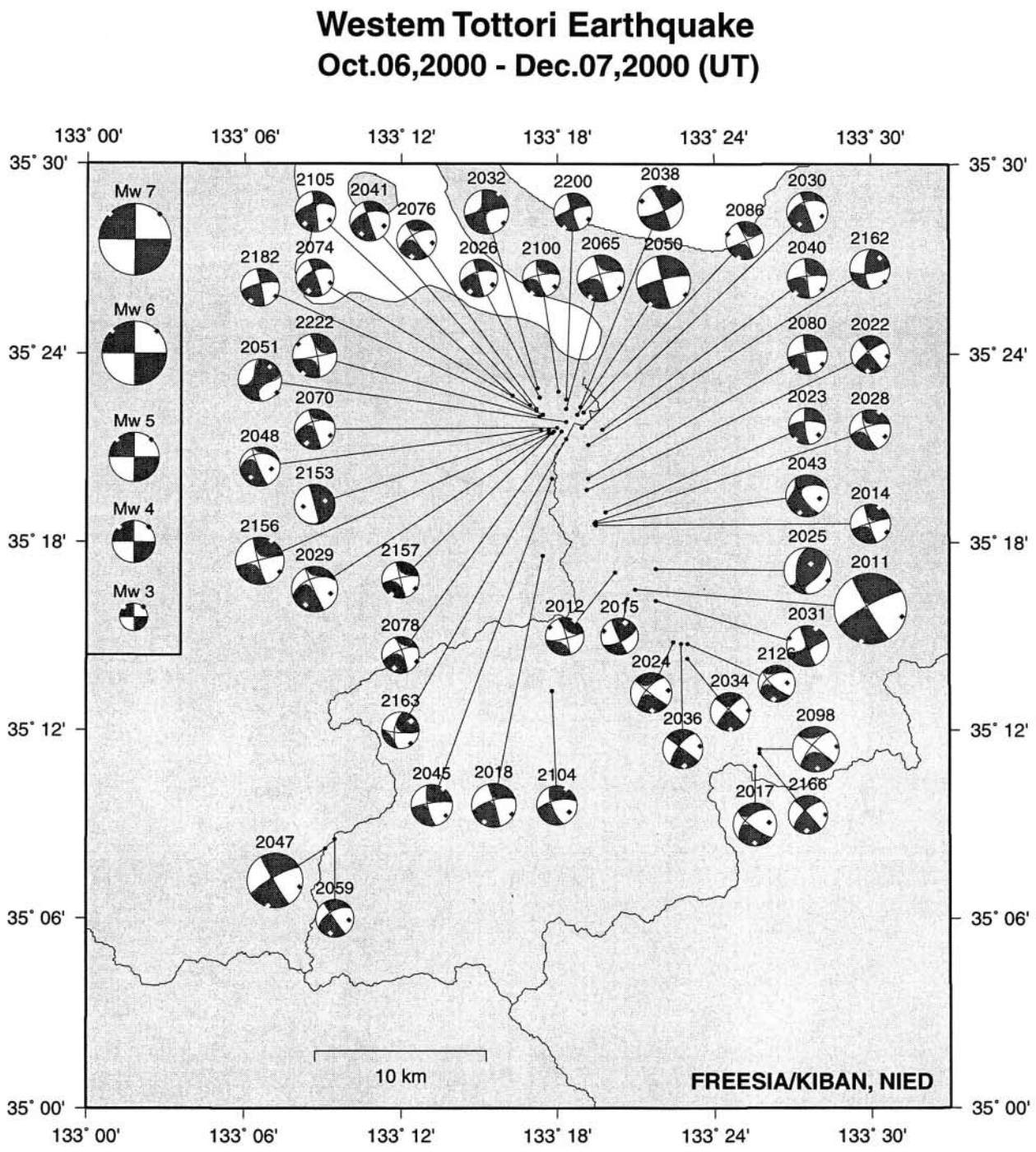


Fig. 2 : Estimated moment tensors plotted with epicentral locations (continued).

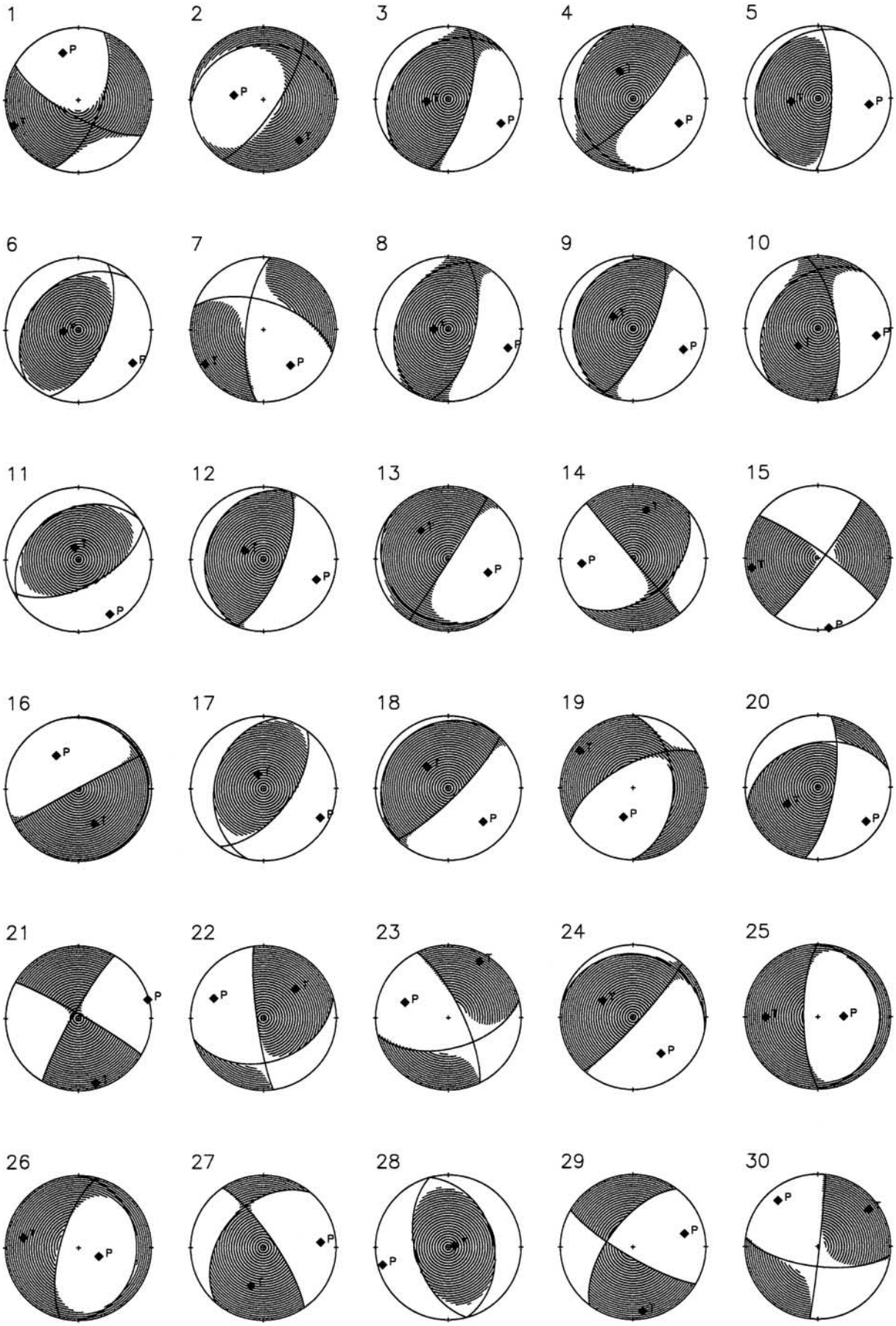


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere. P- and T-axes are also plotted.

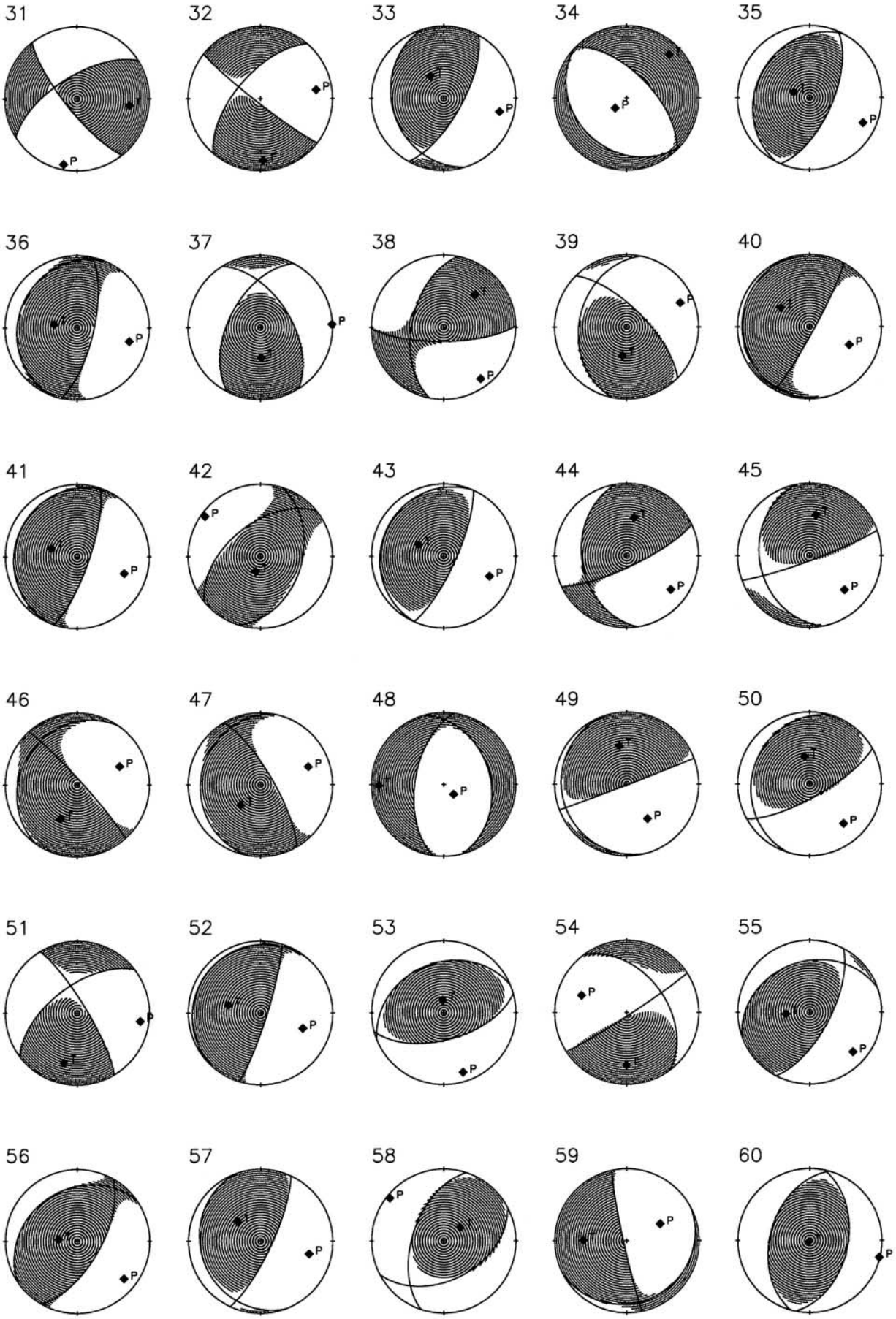


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

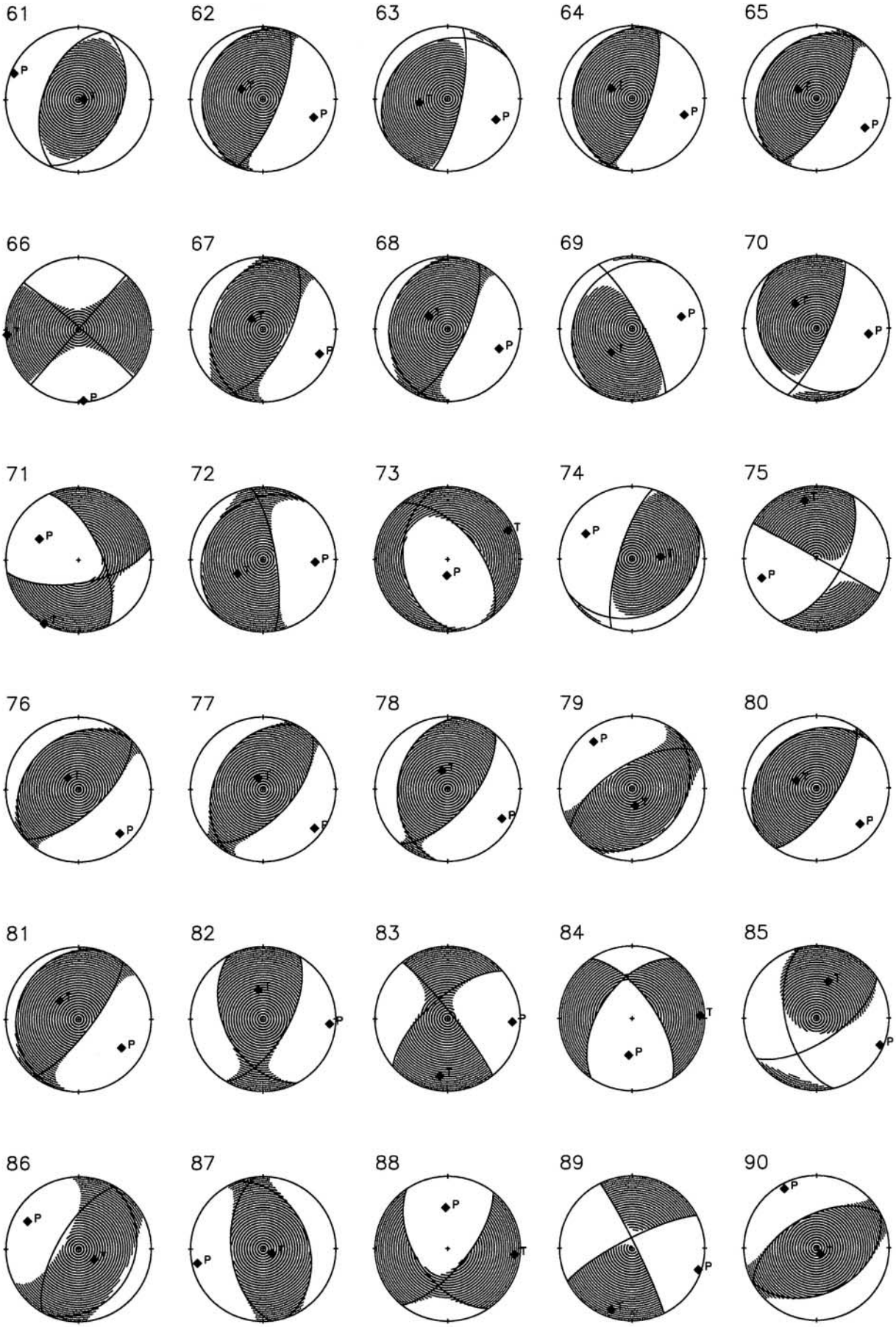


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

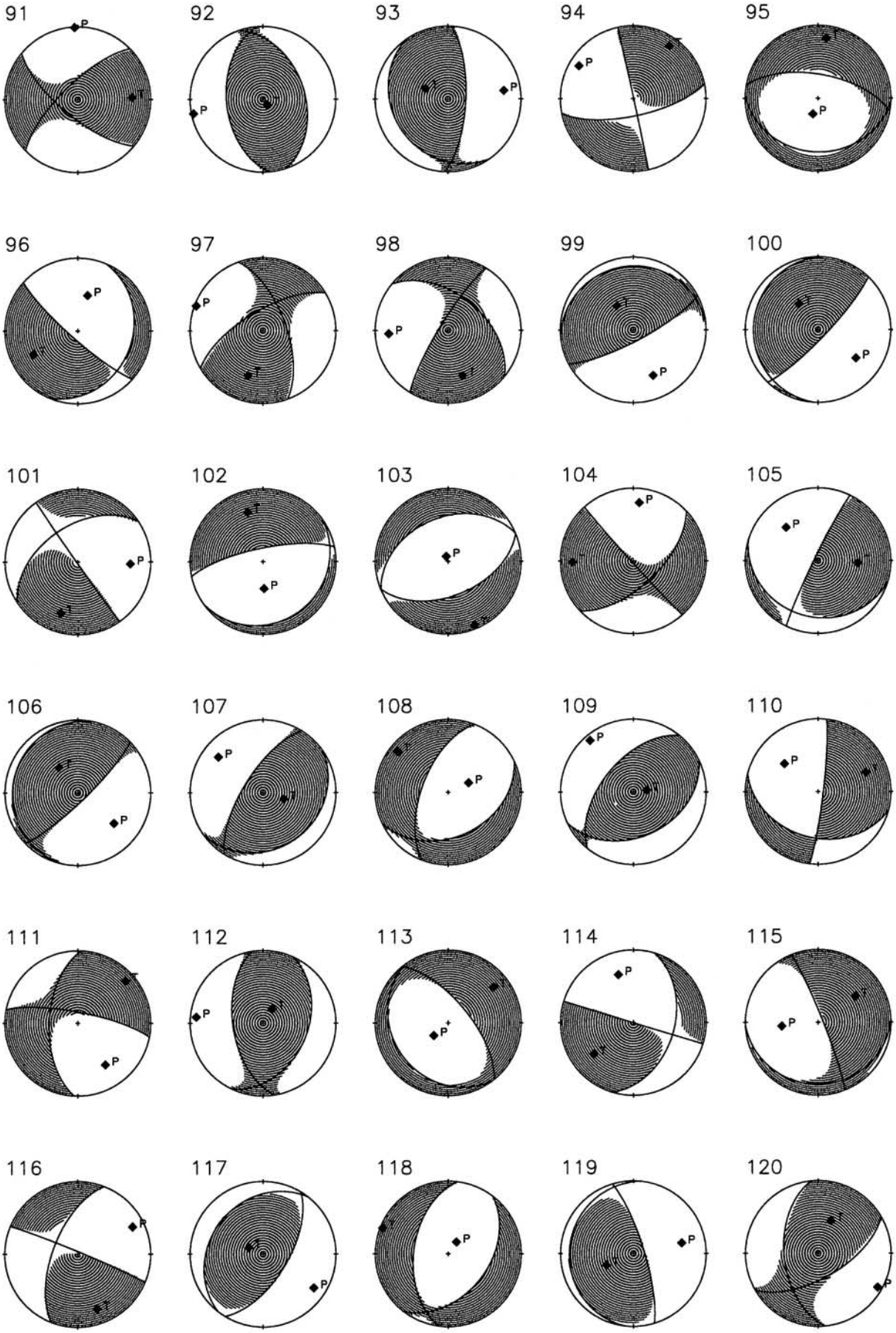


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

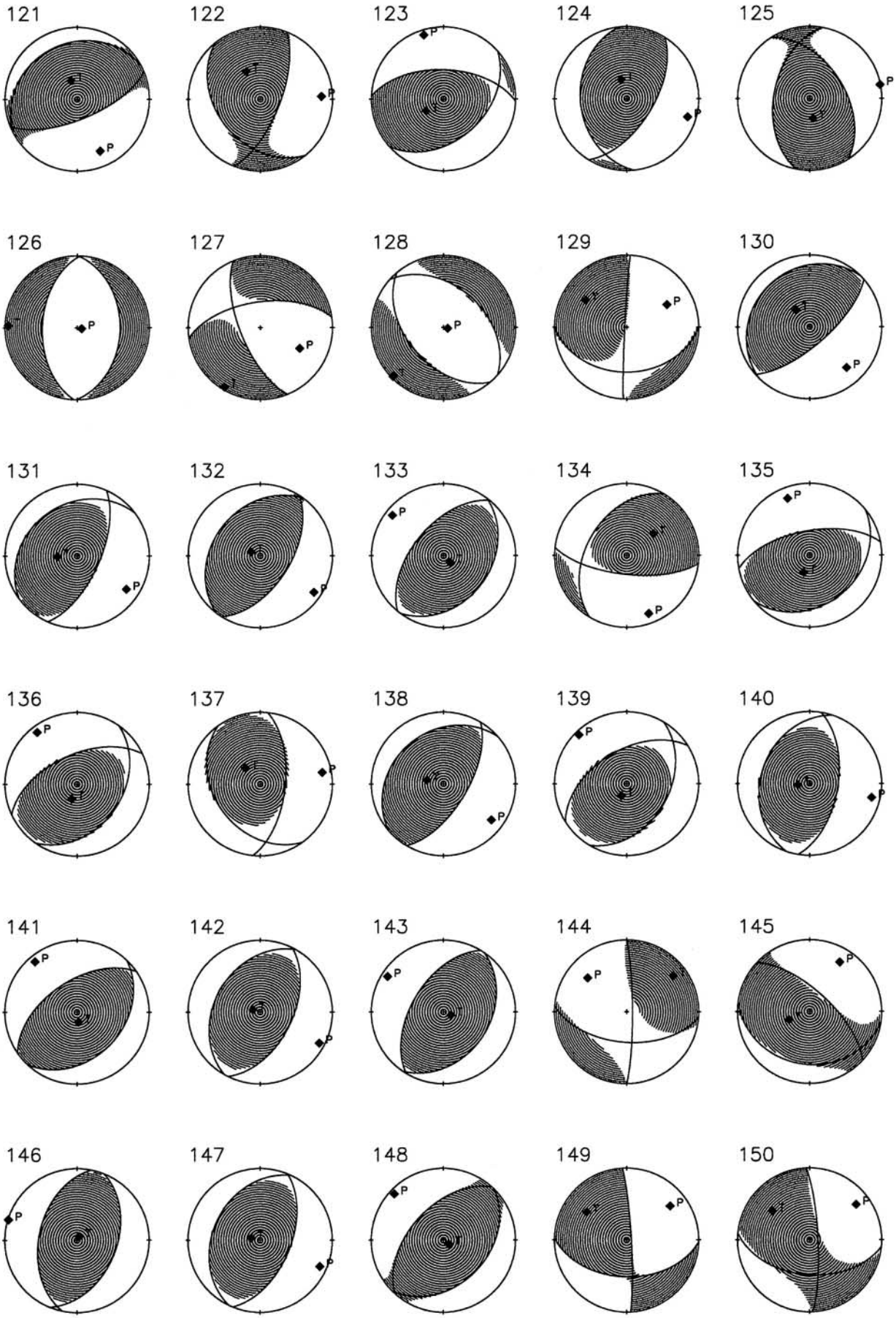


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

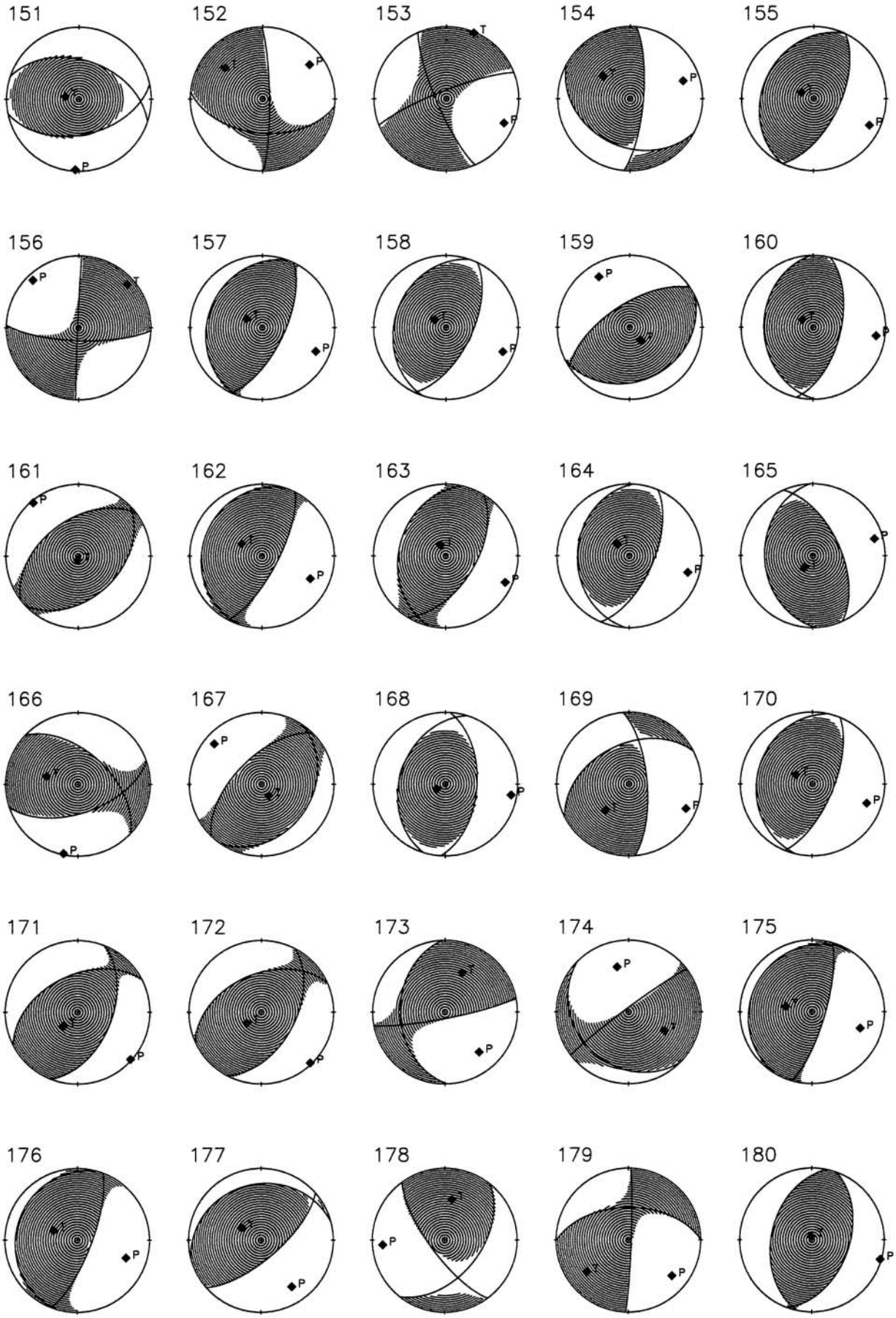


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

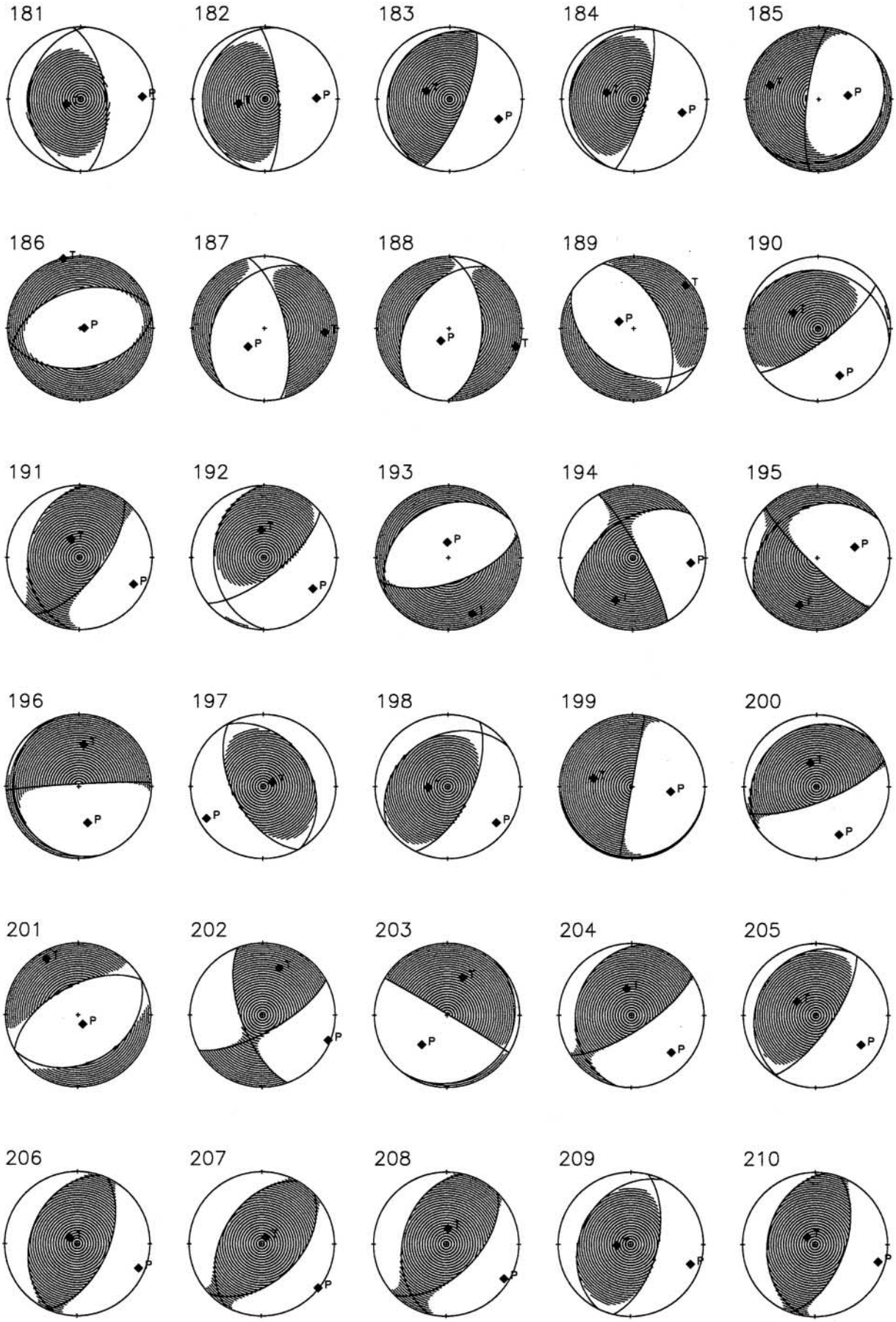


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

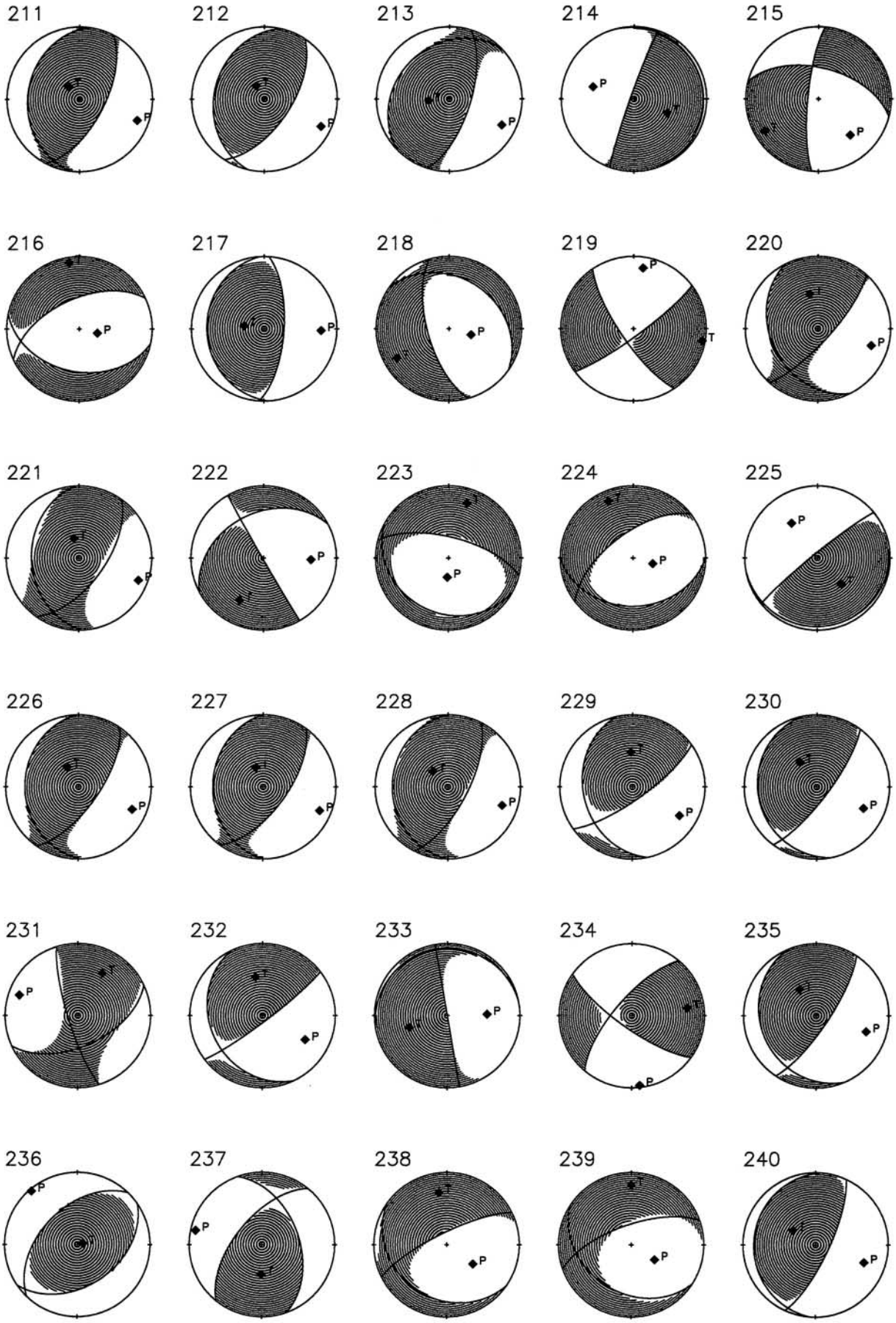


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

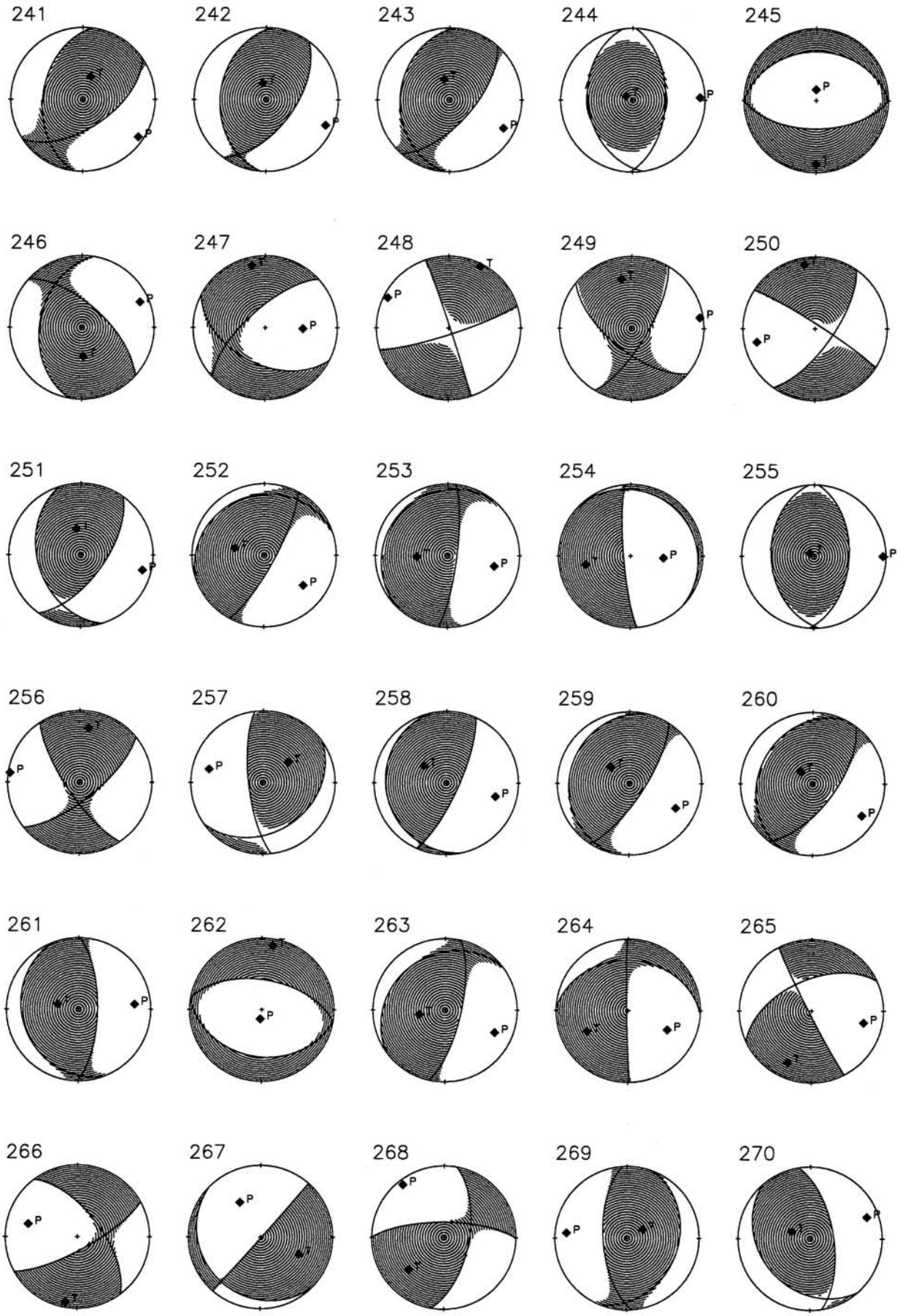


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

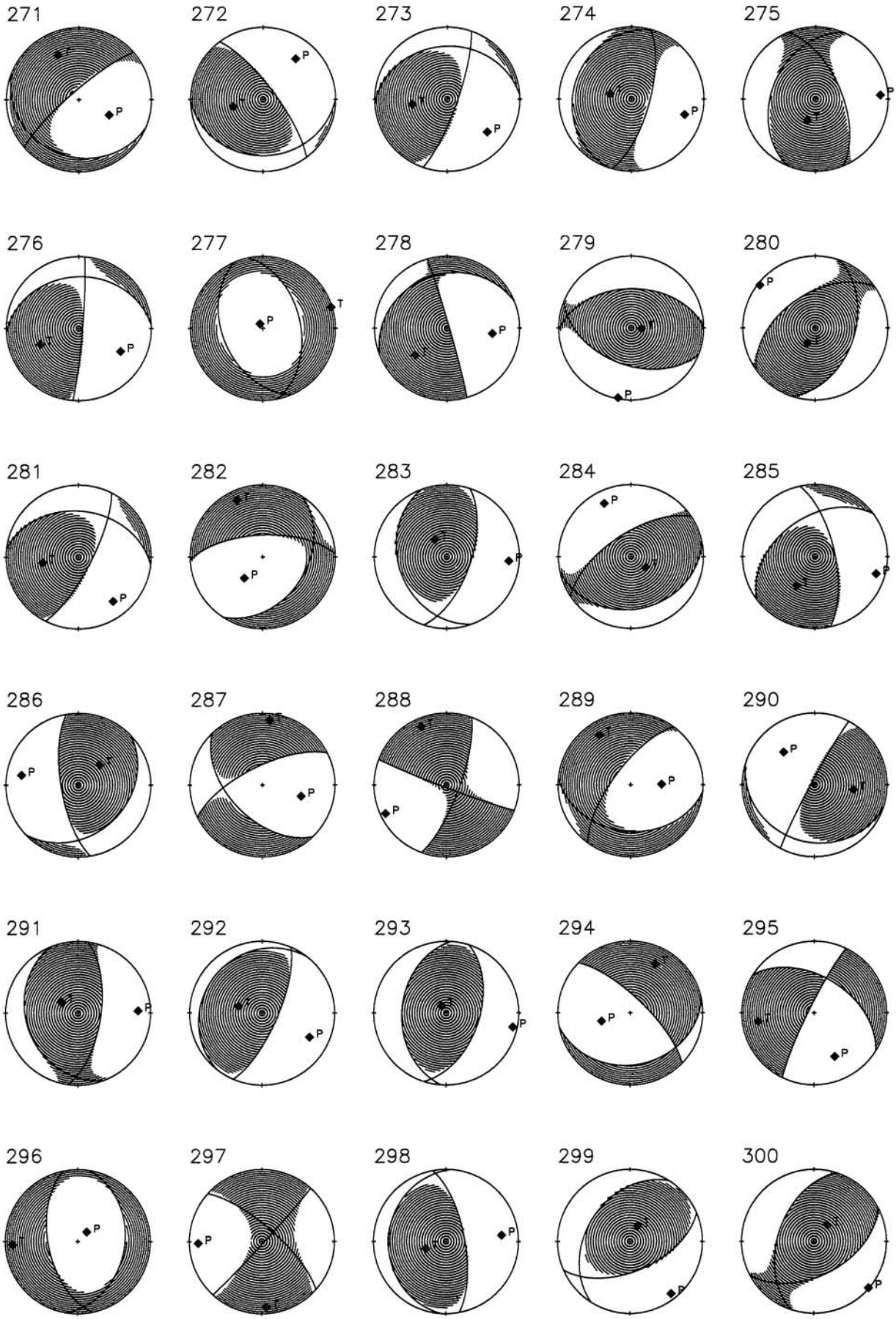


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

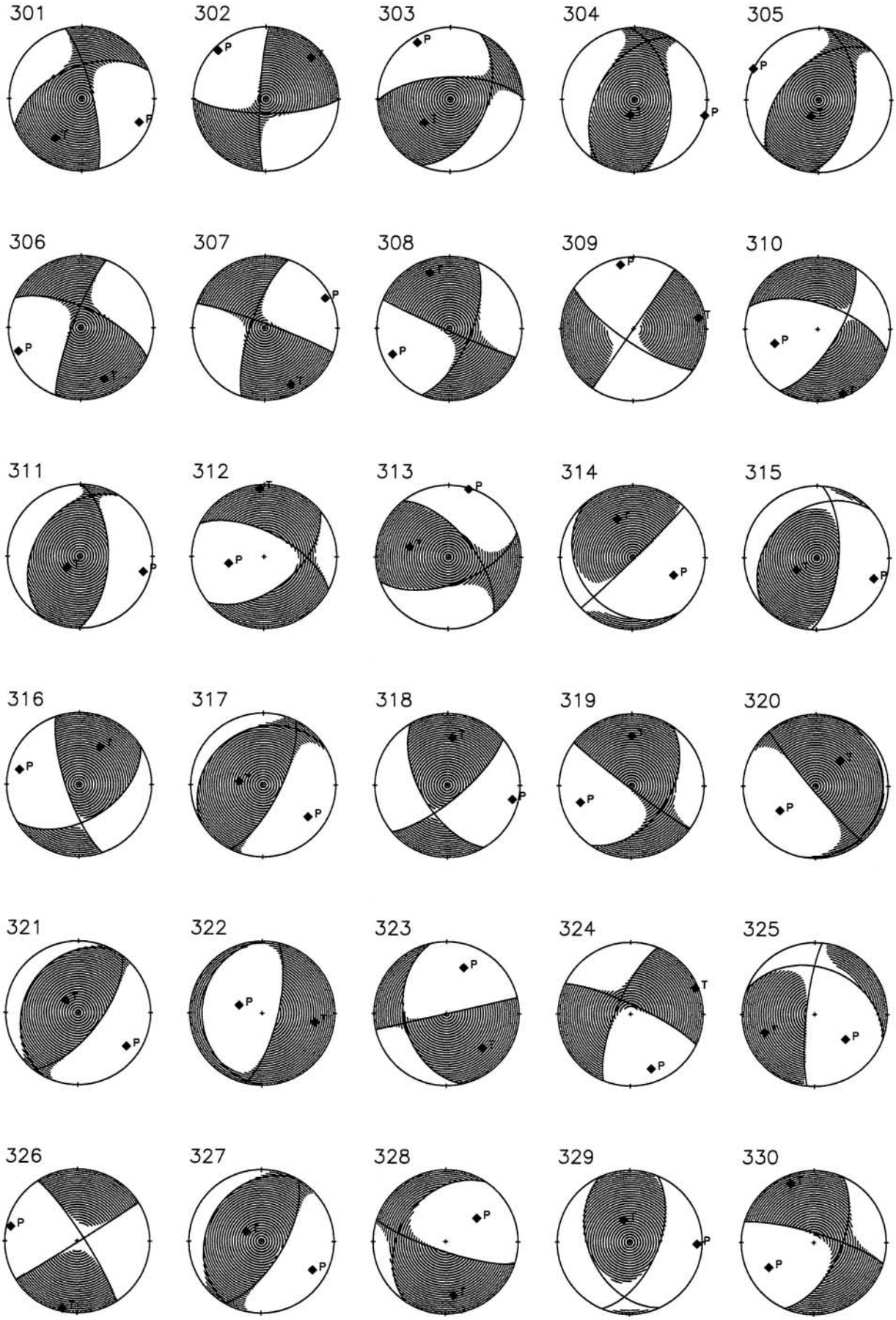


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

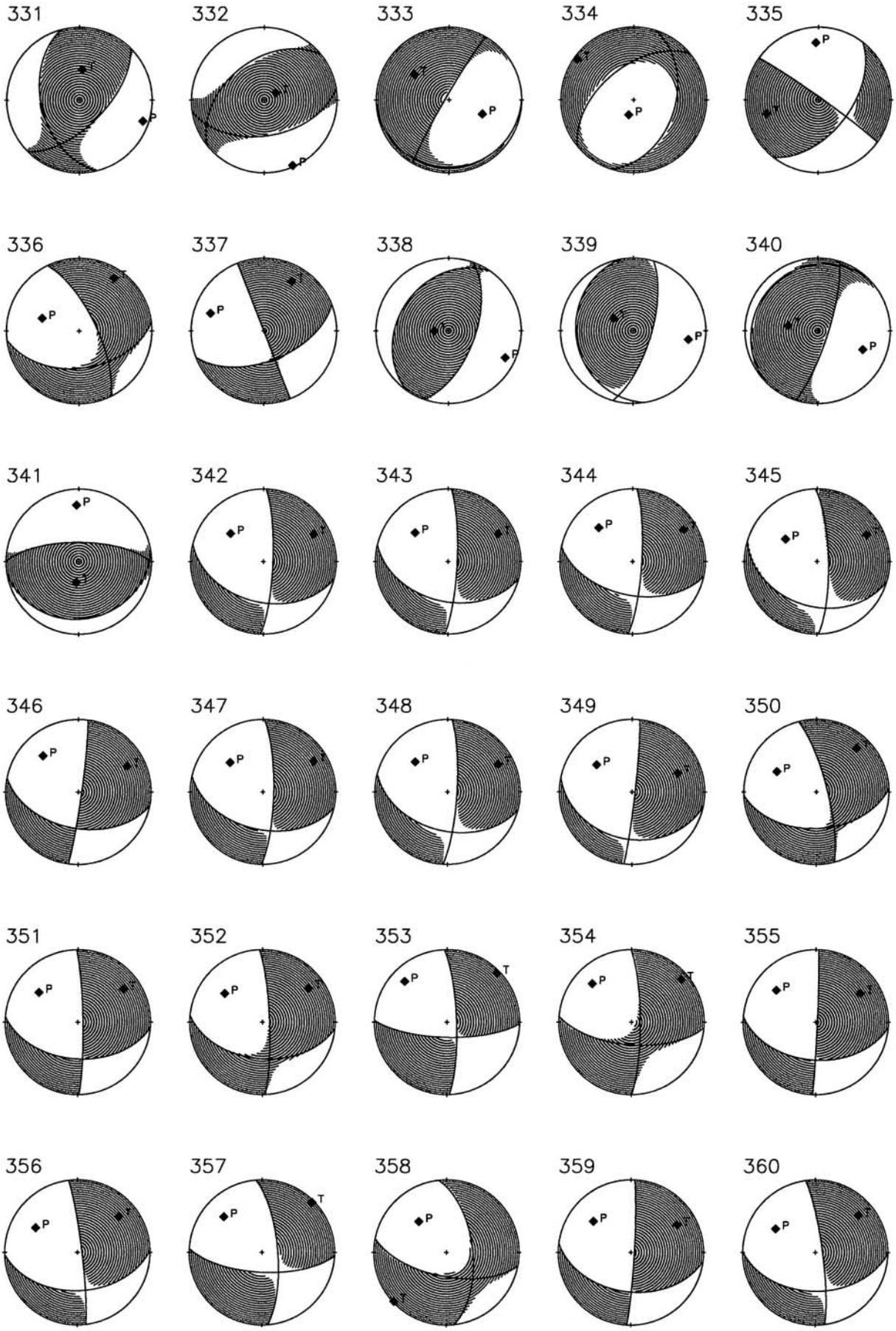


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

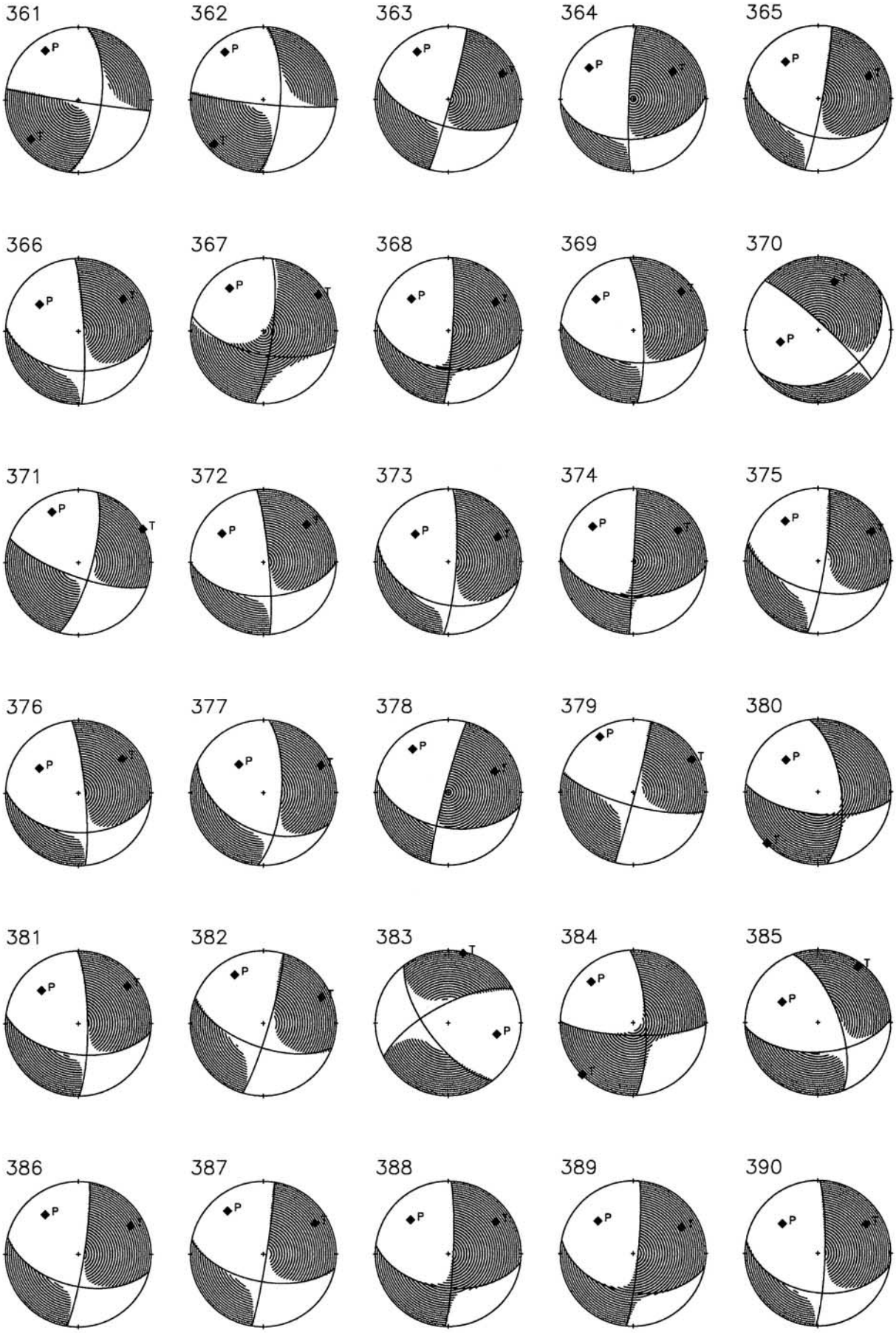


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

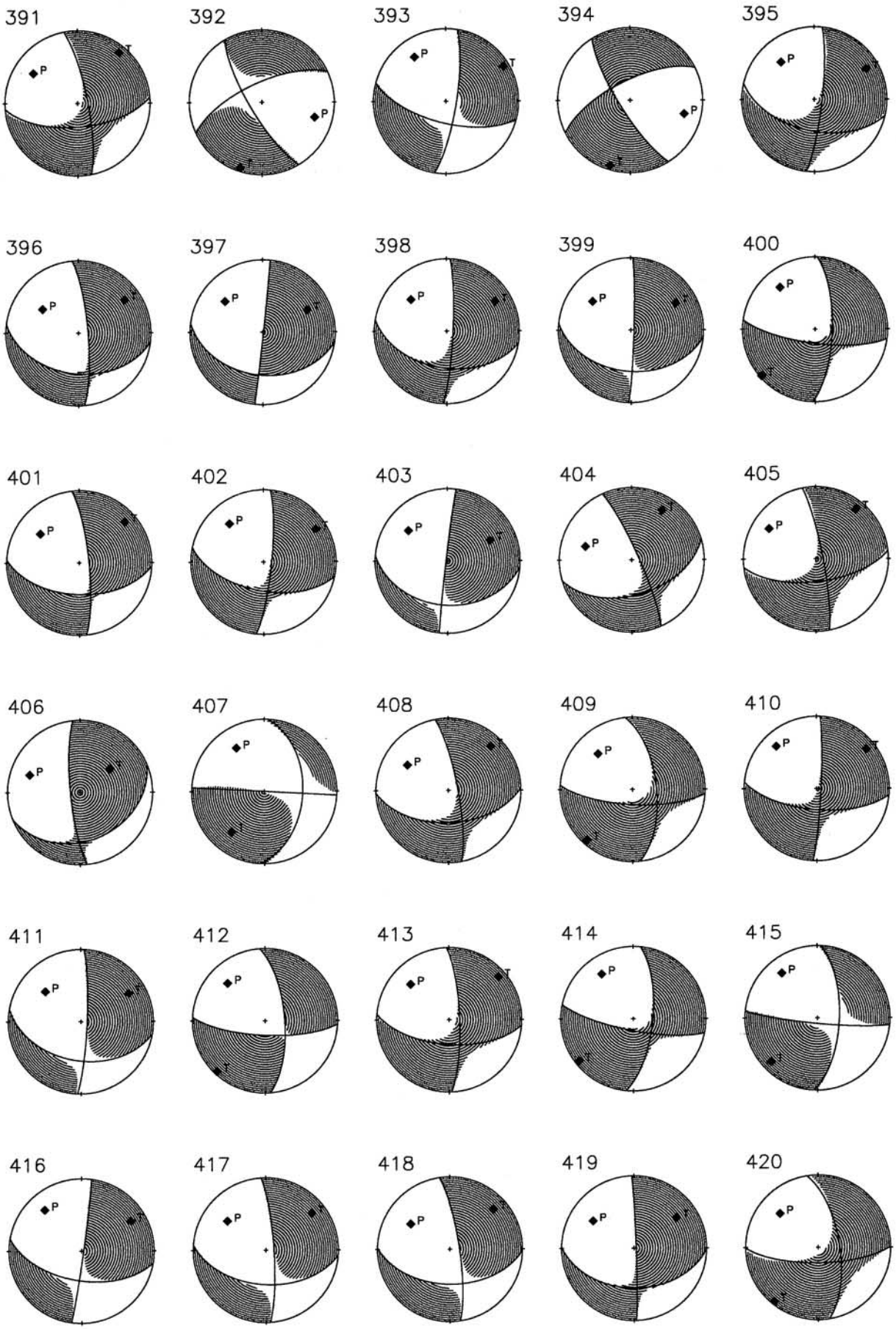


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

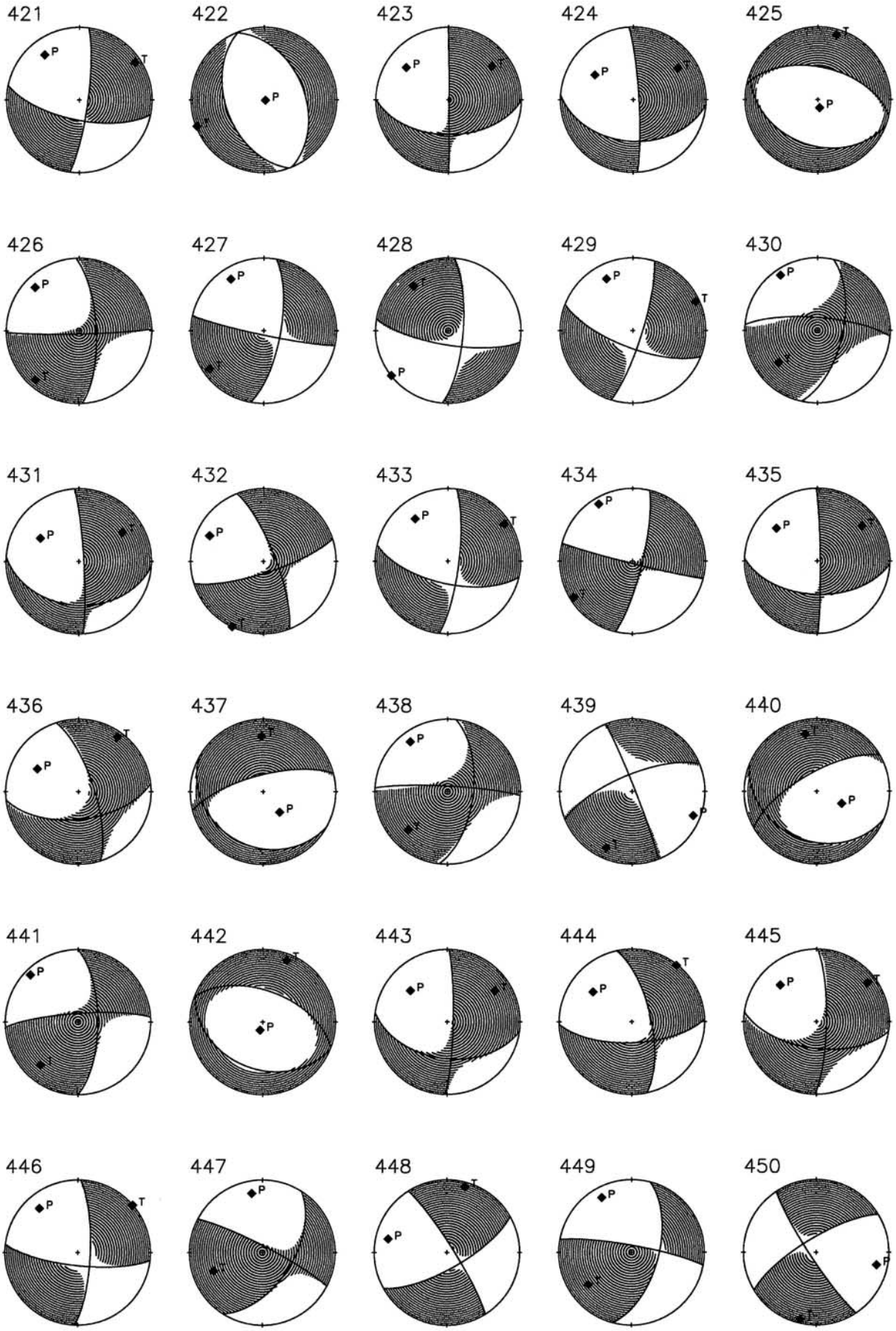


Fig. 3: Estimated moment tensors plotted in the lower hemisphere (continued).

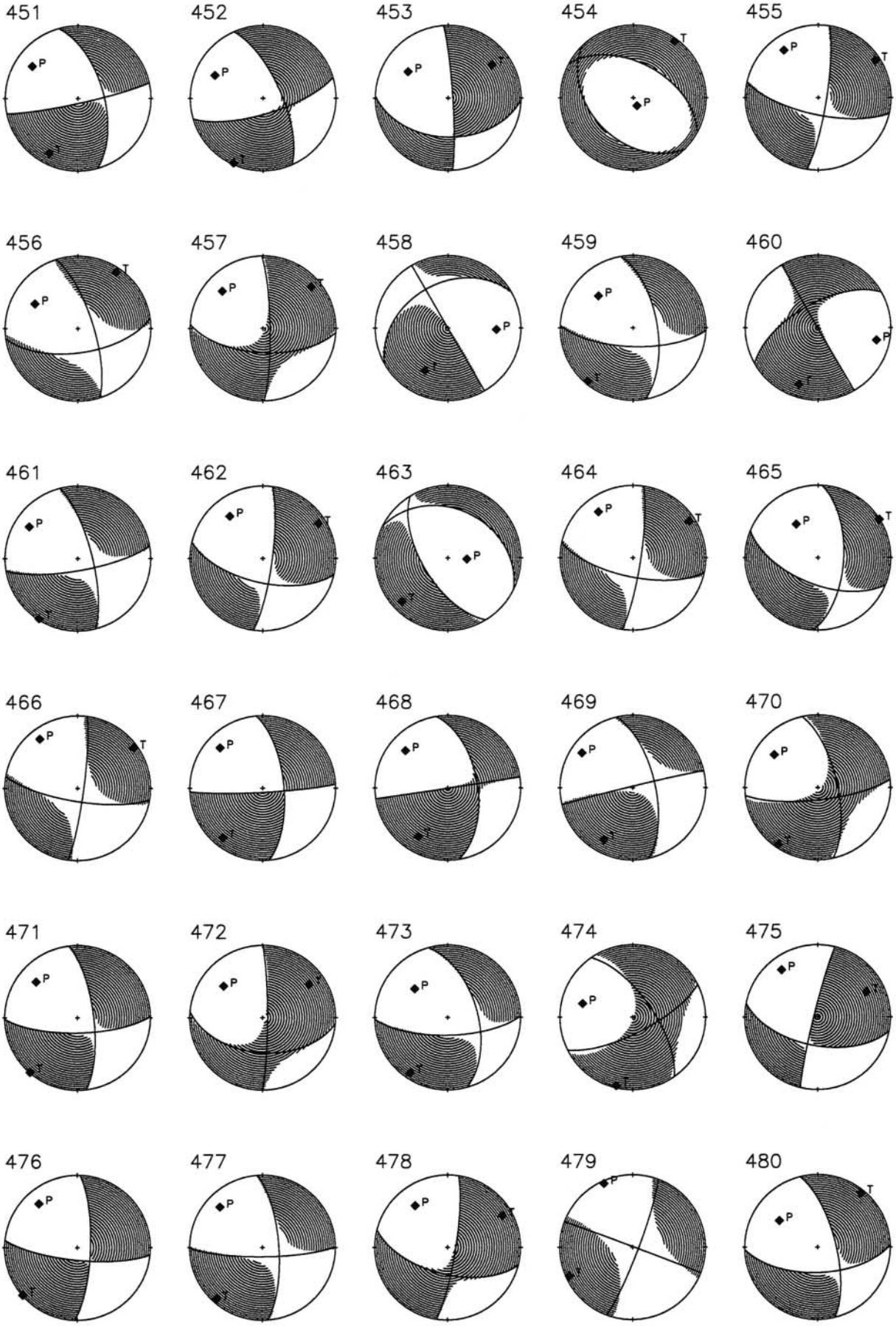


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

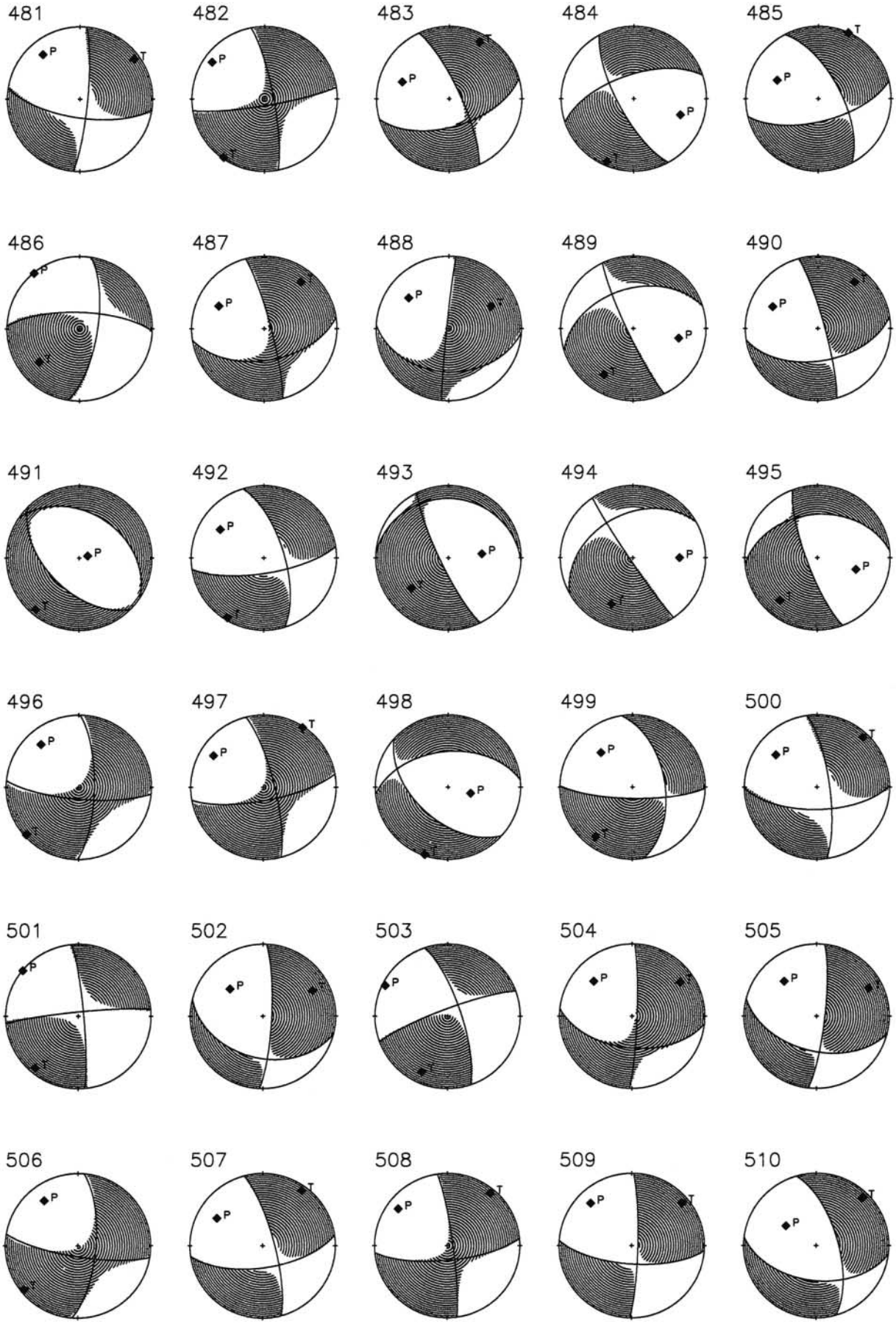


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

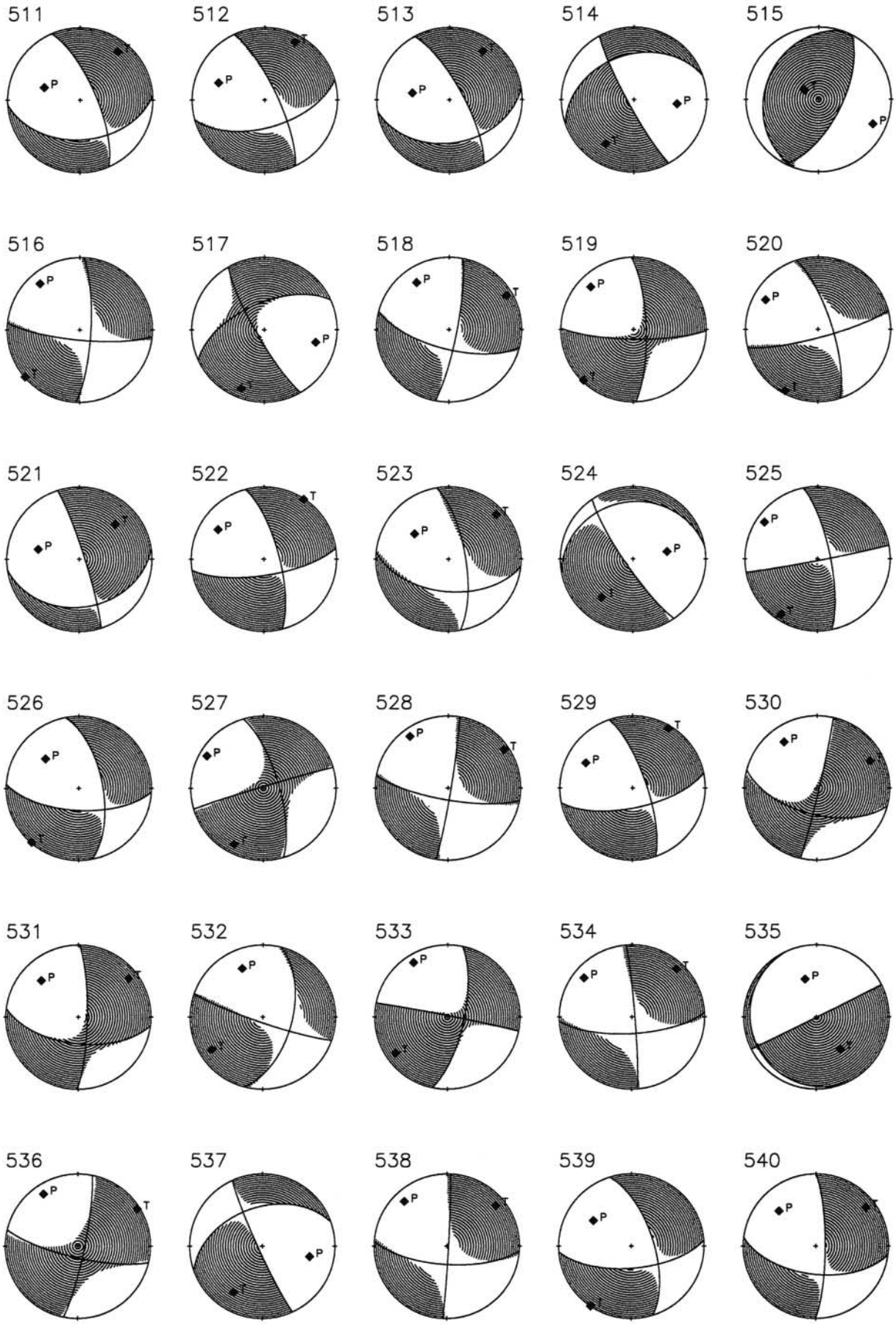


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

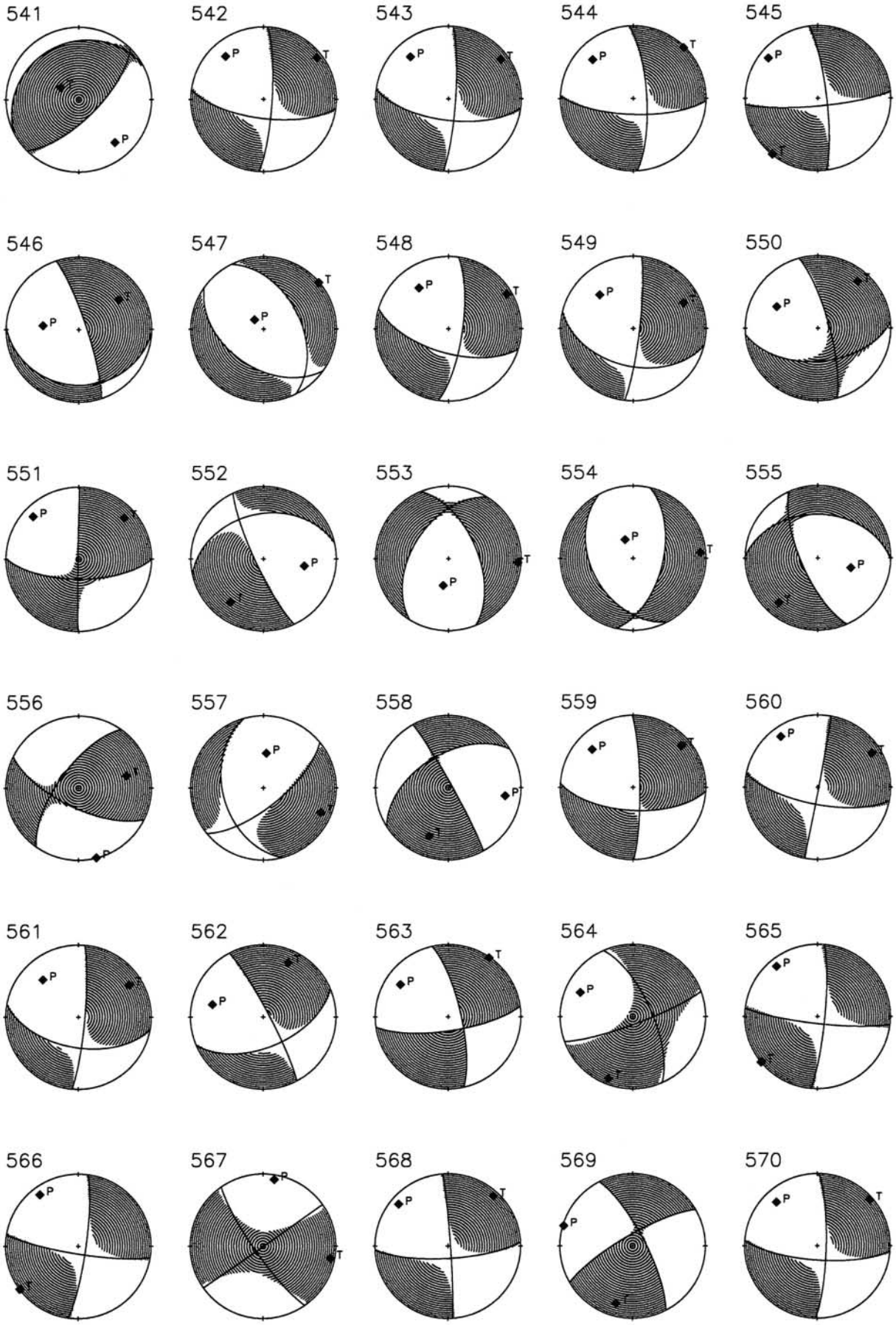


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

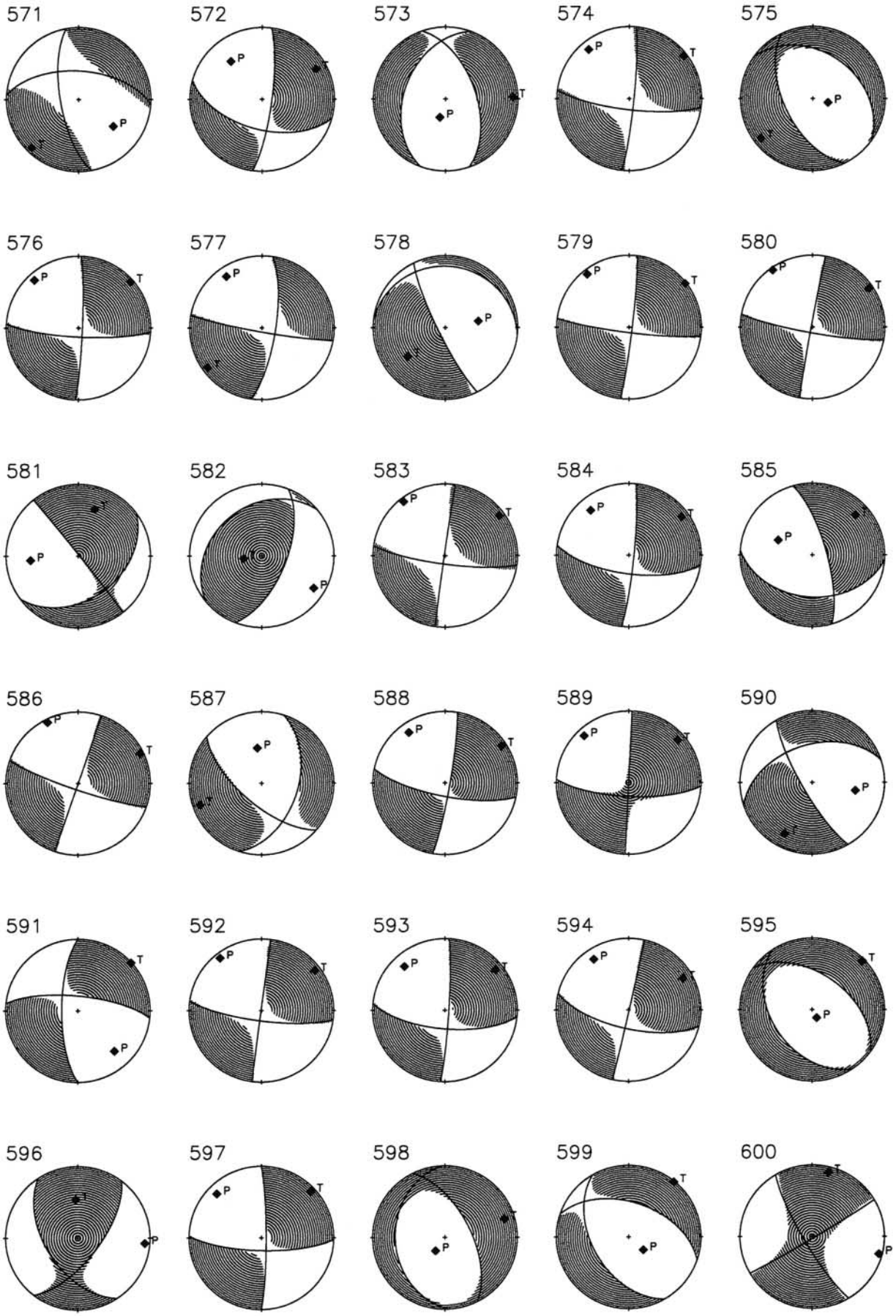


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

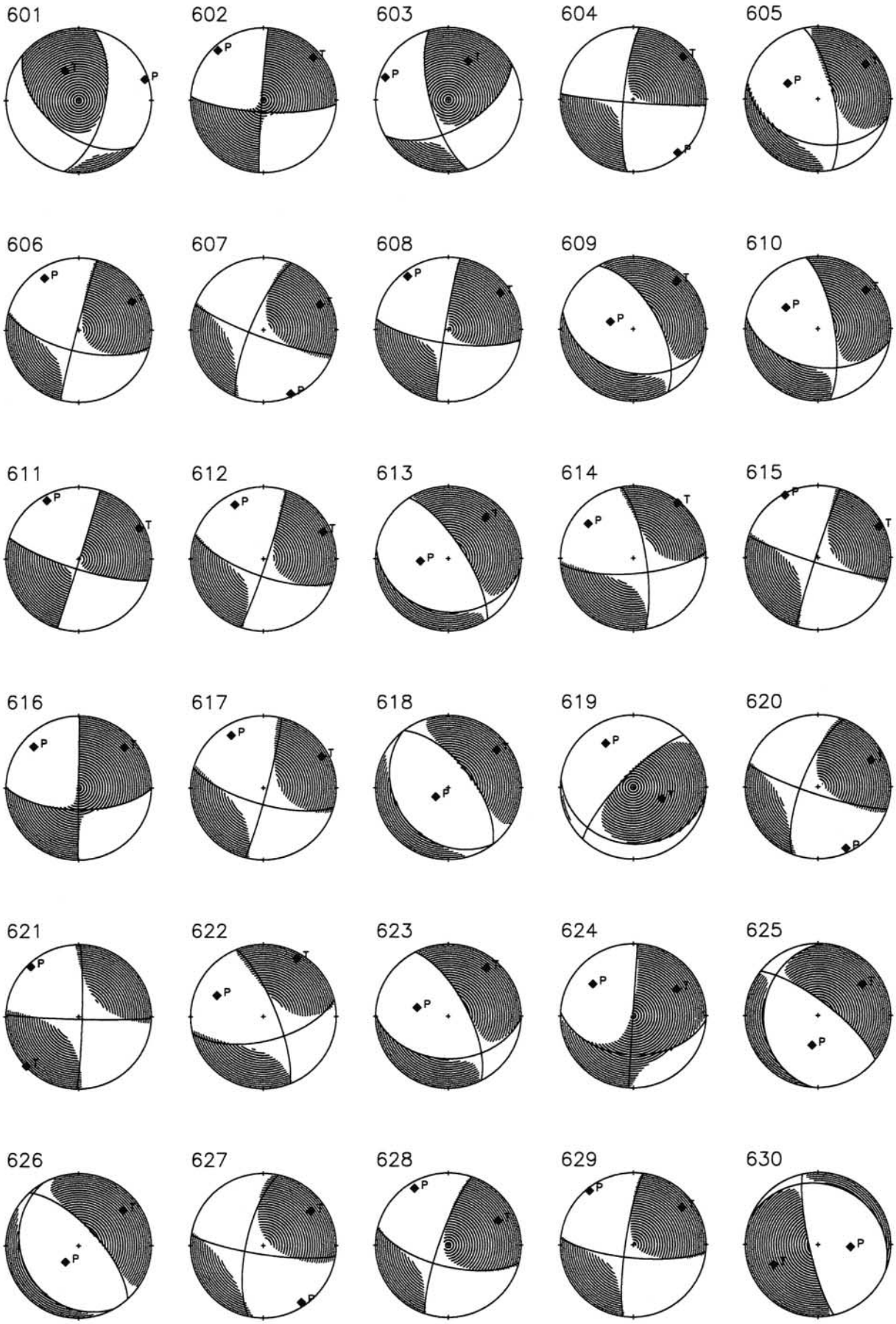


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

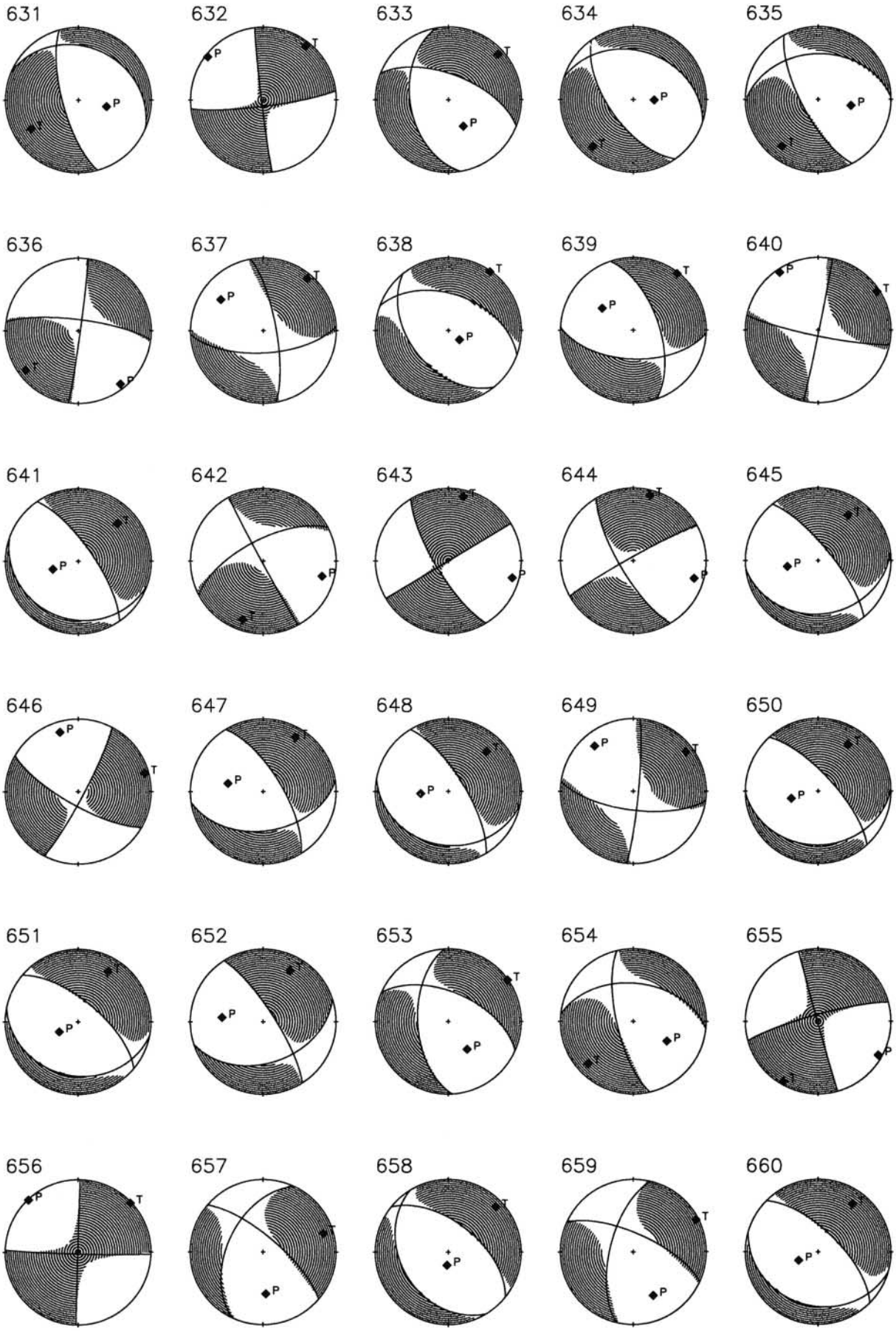


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

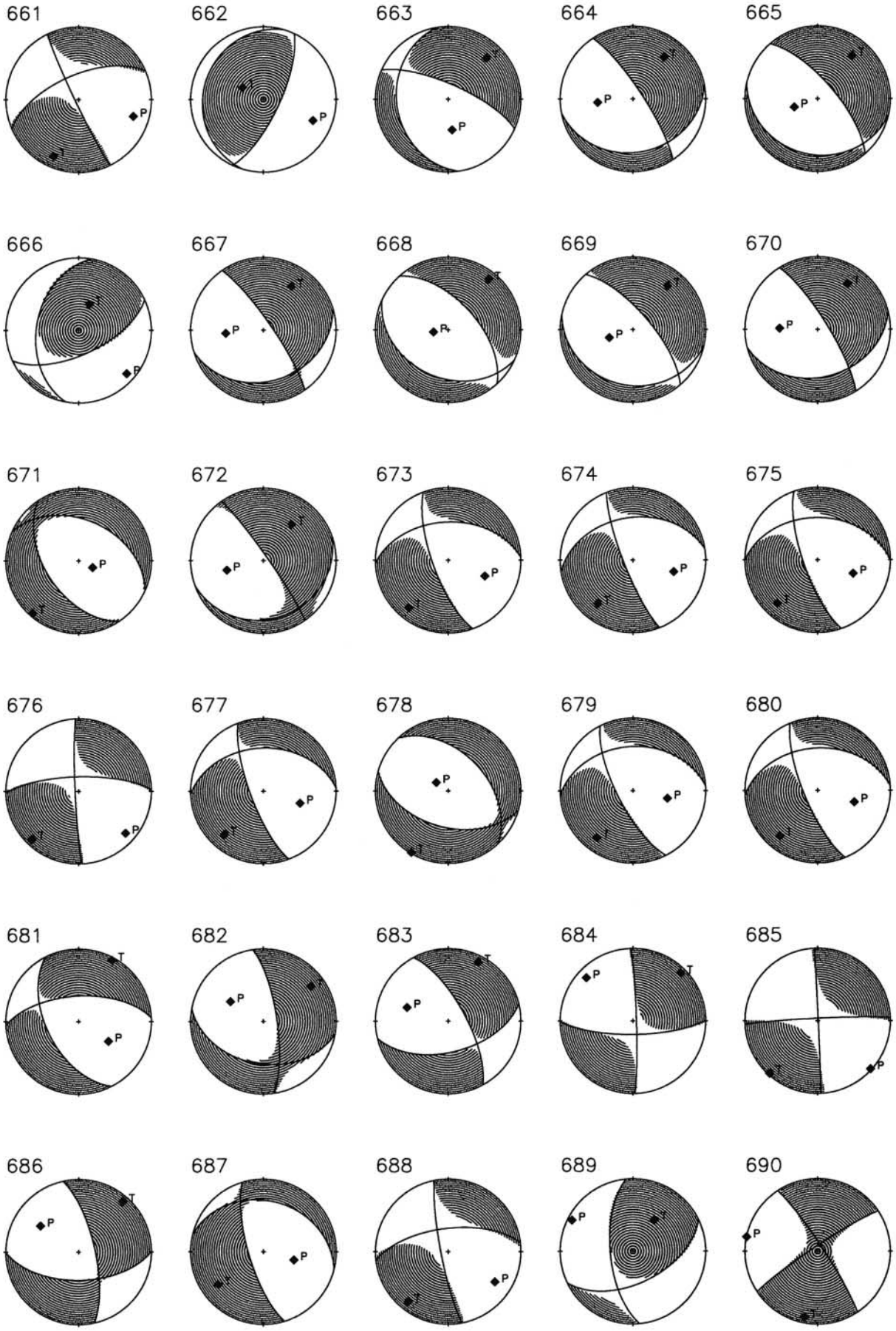


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

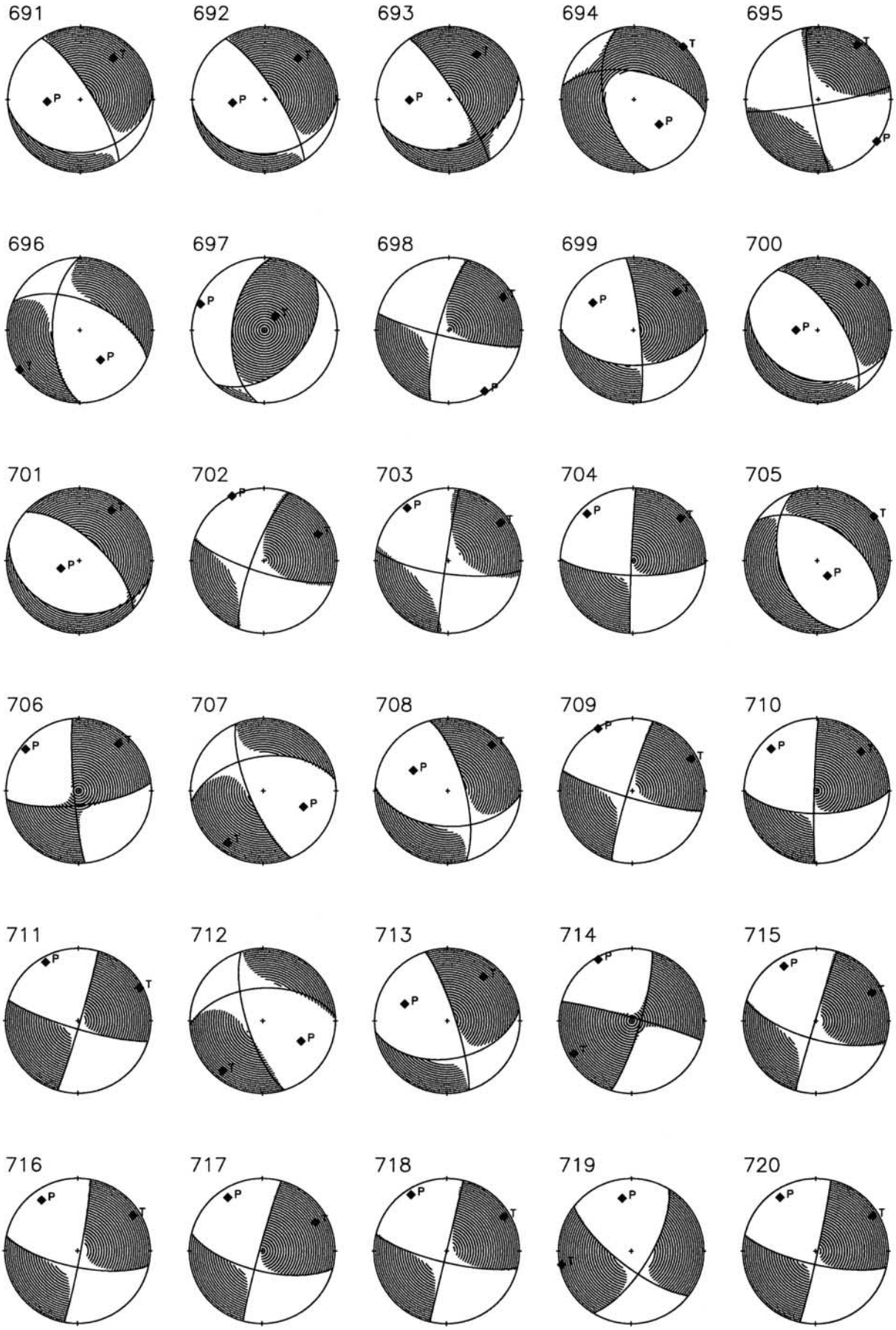


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

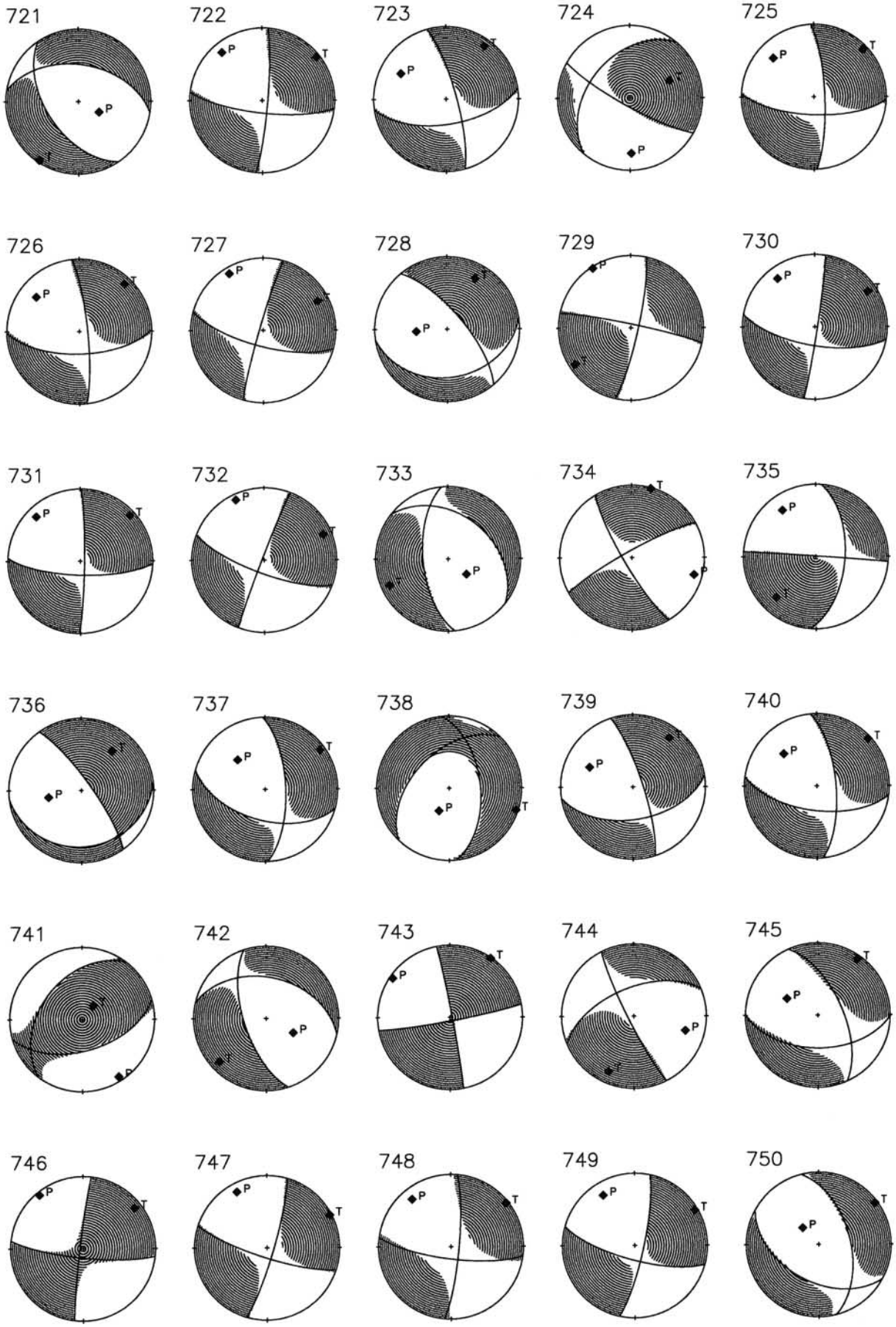


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

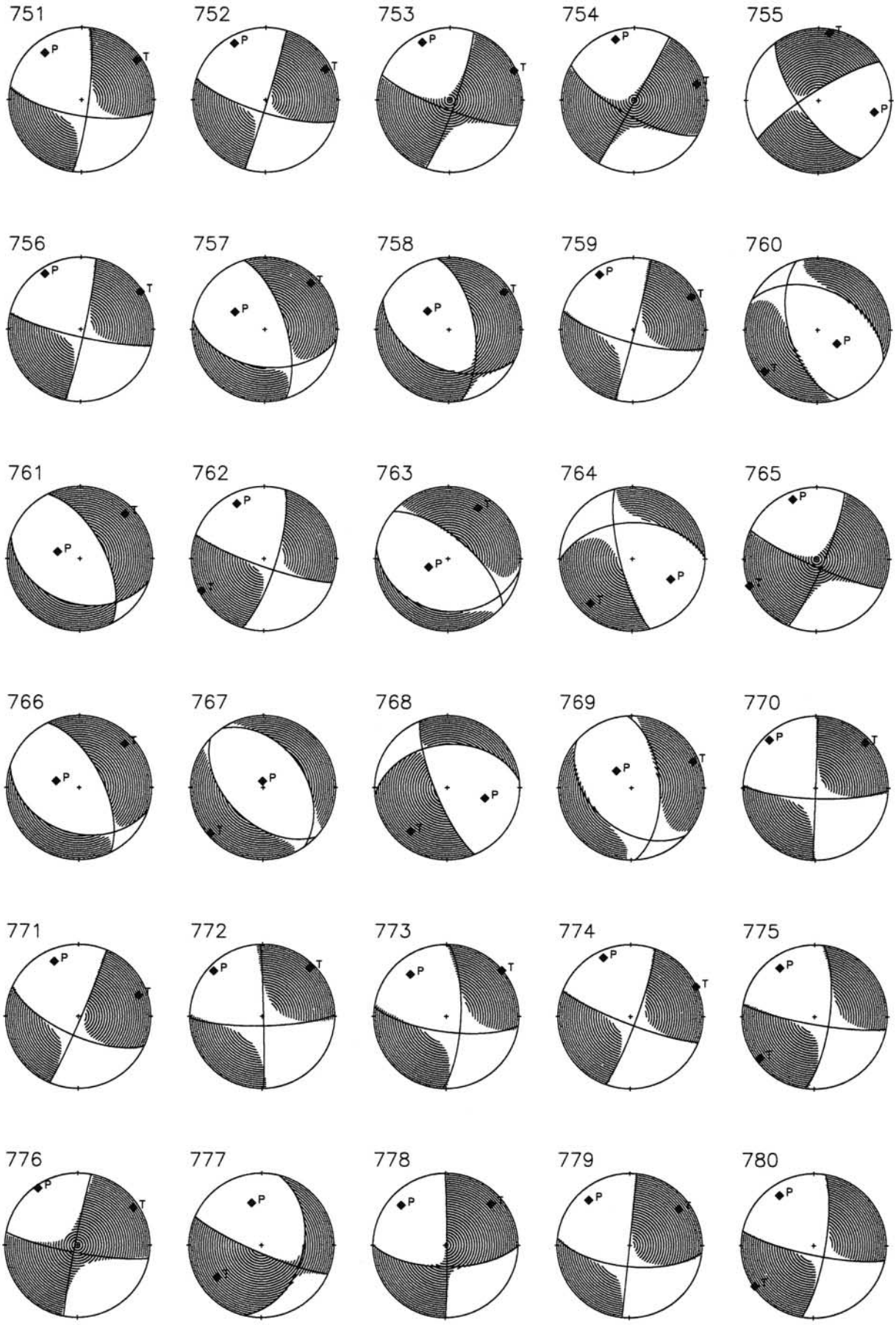


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

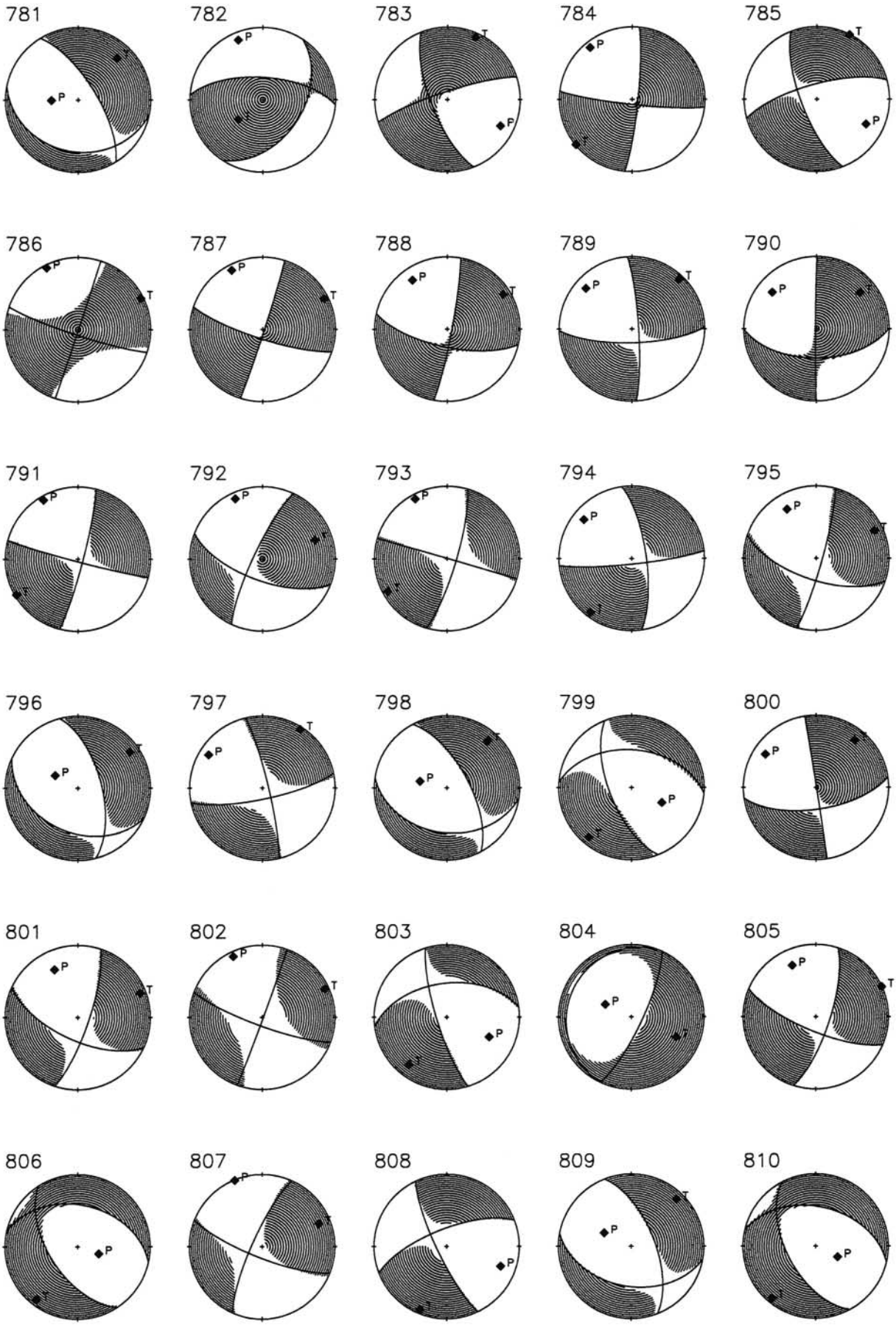


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

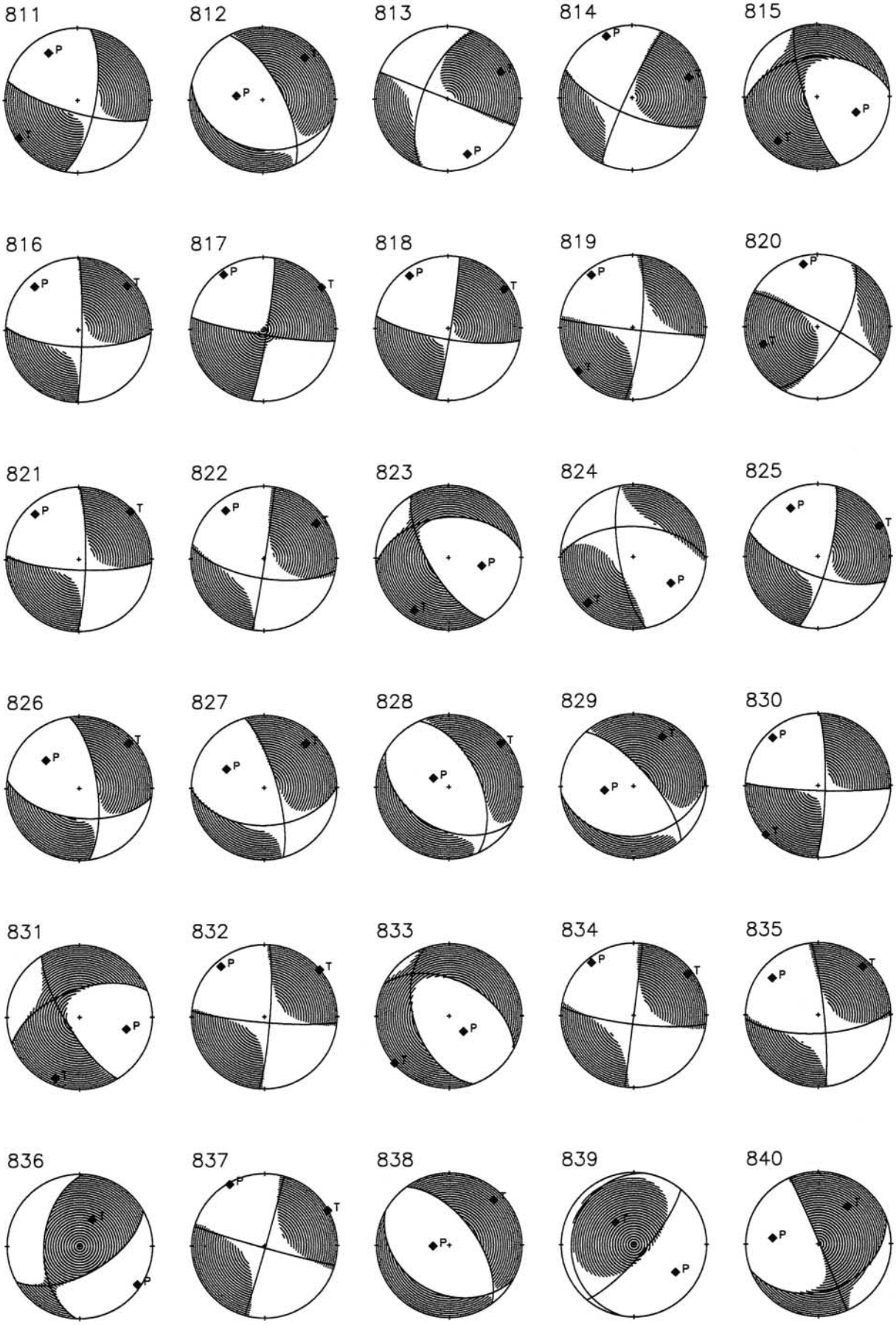


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

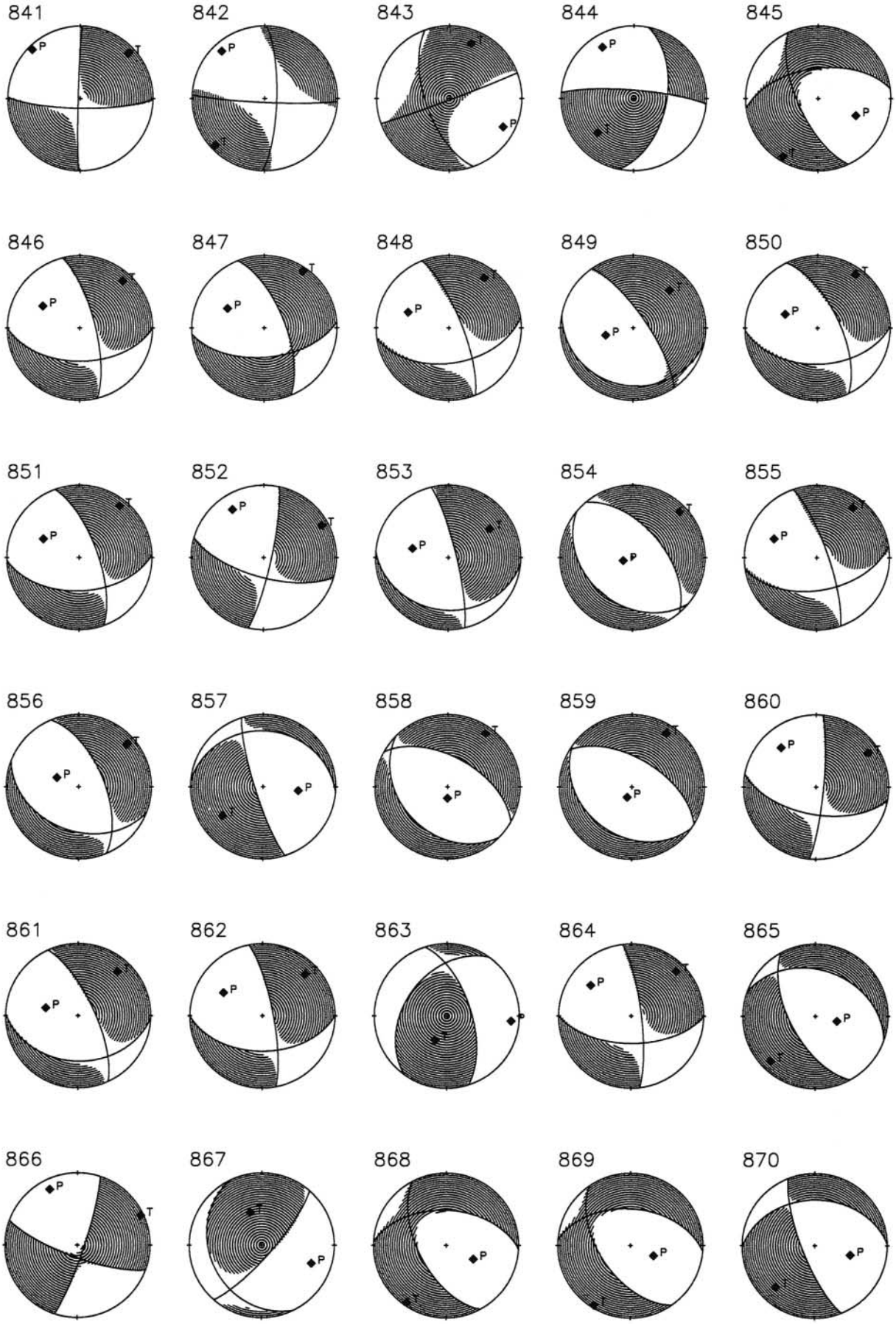


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

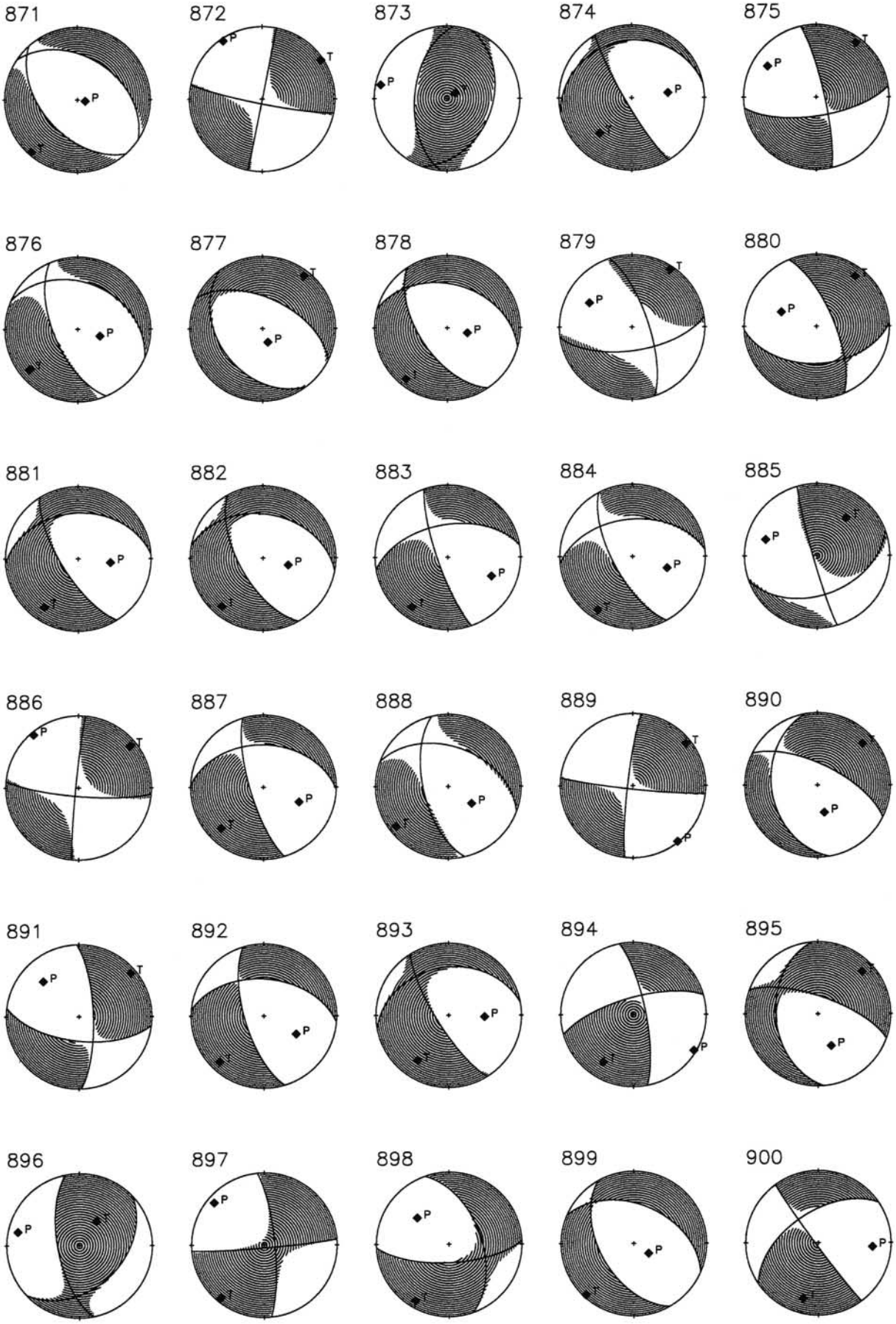


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

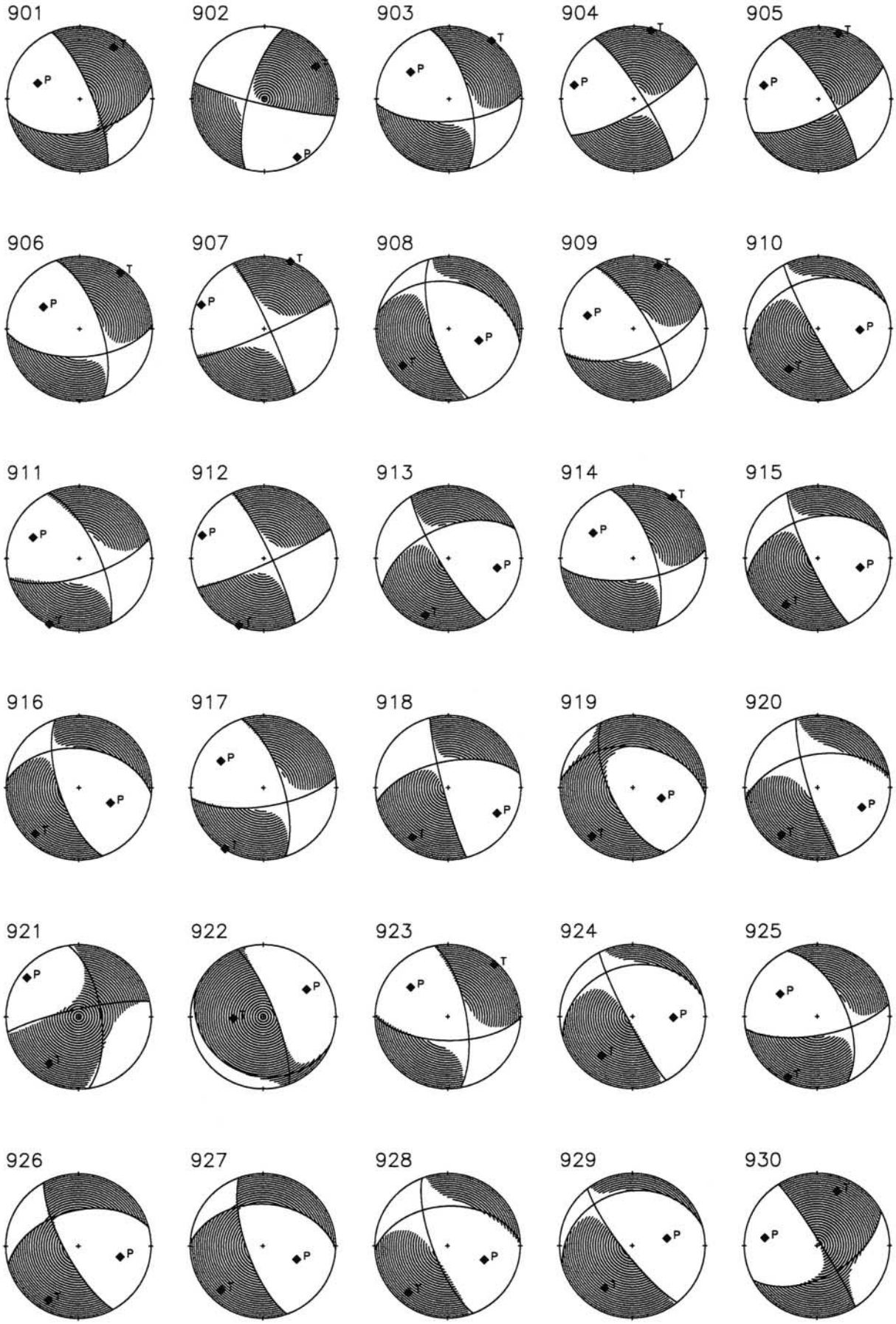


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

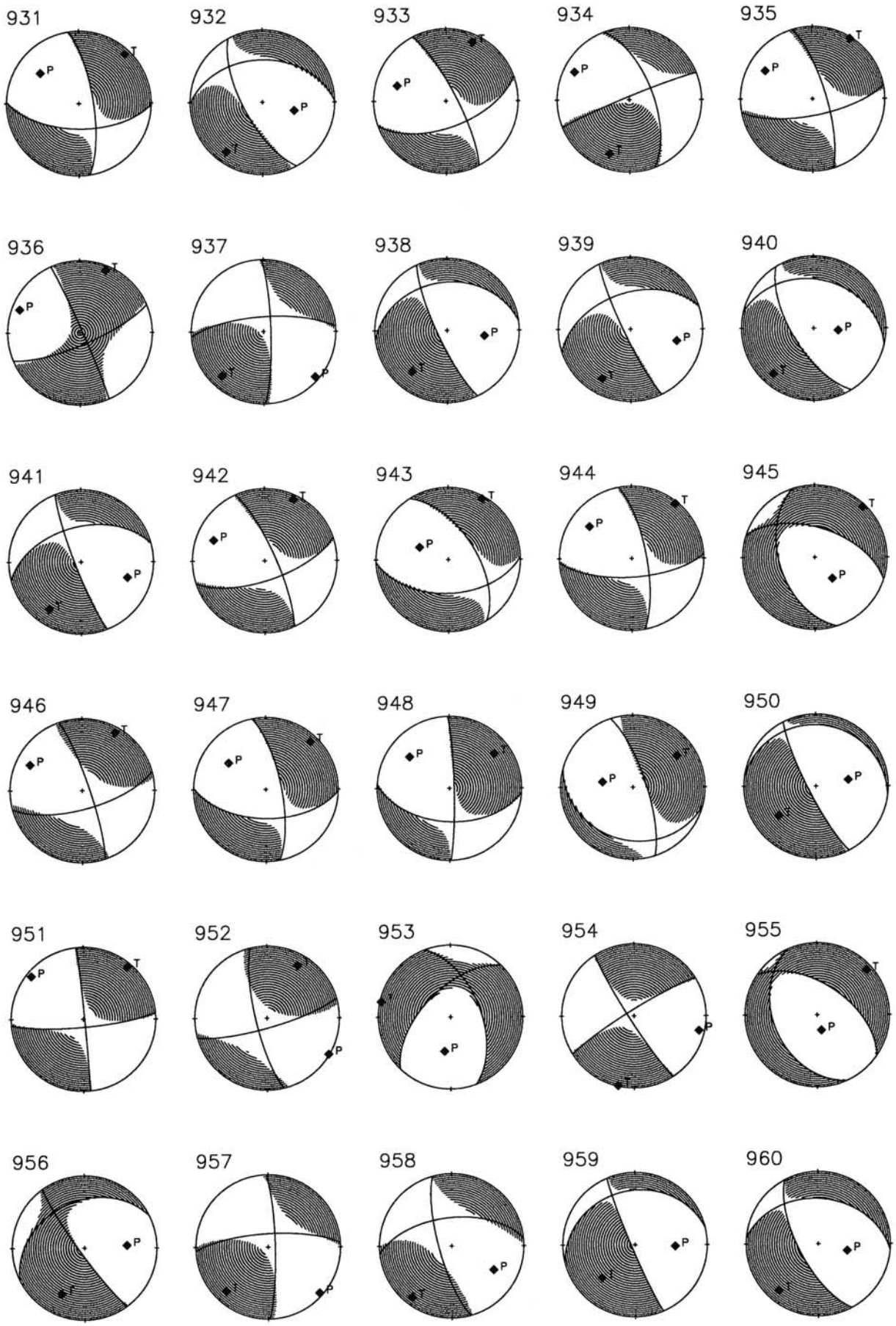


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

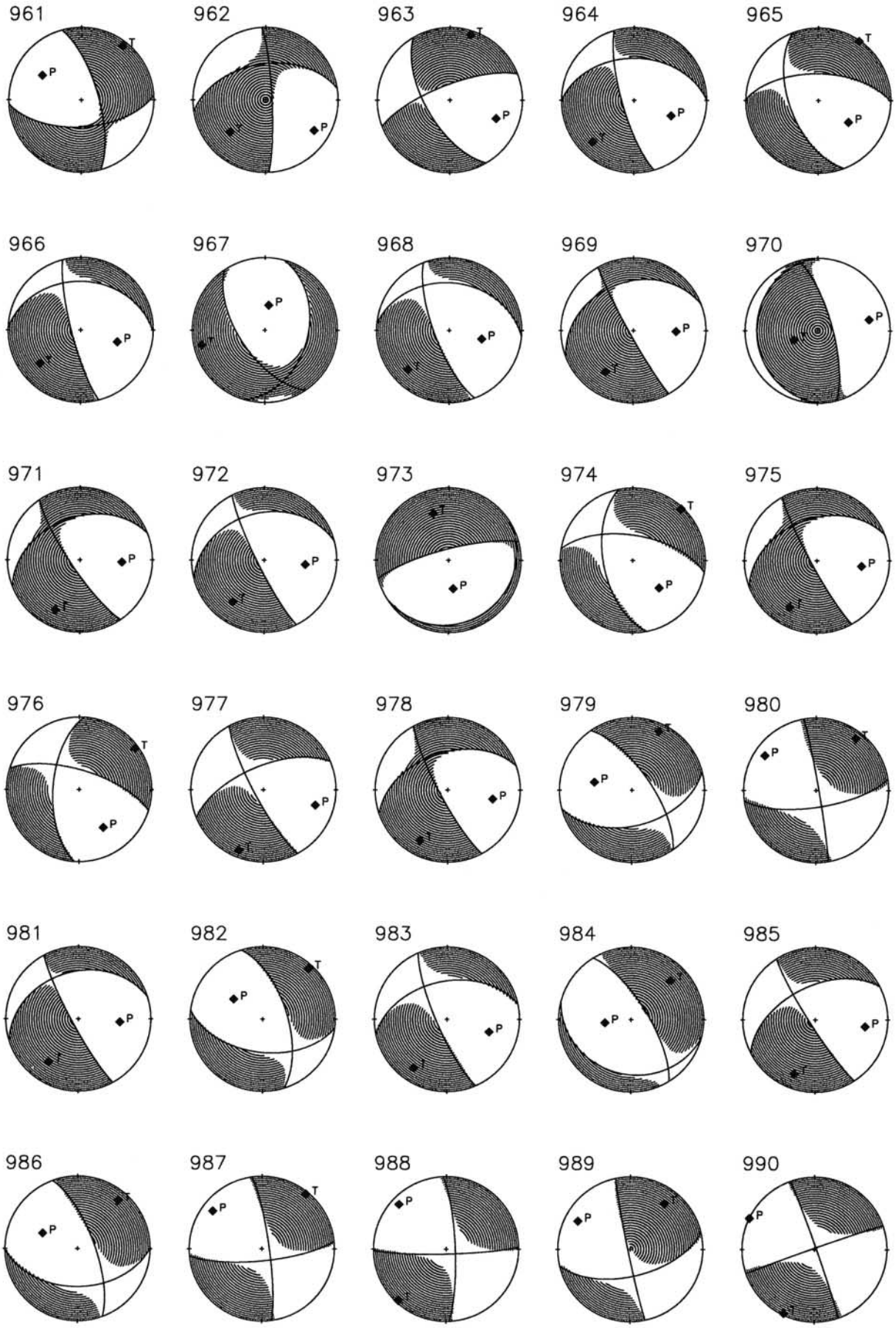


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

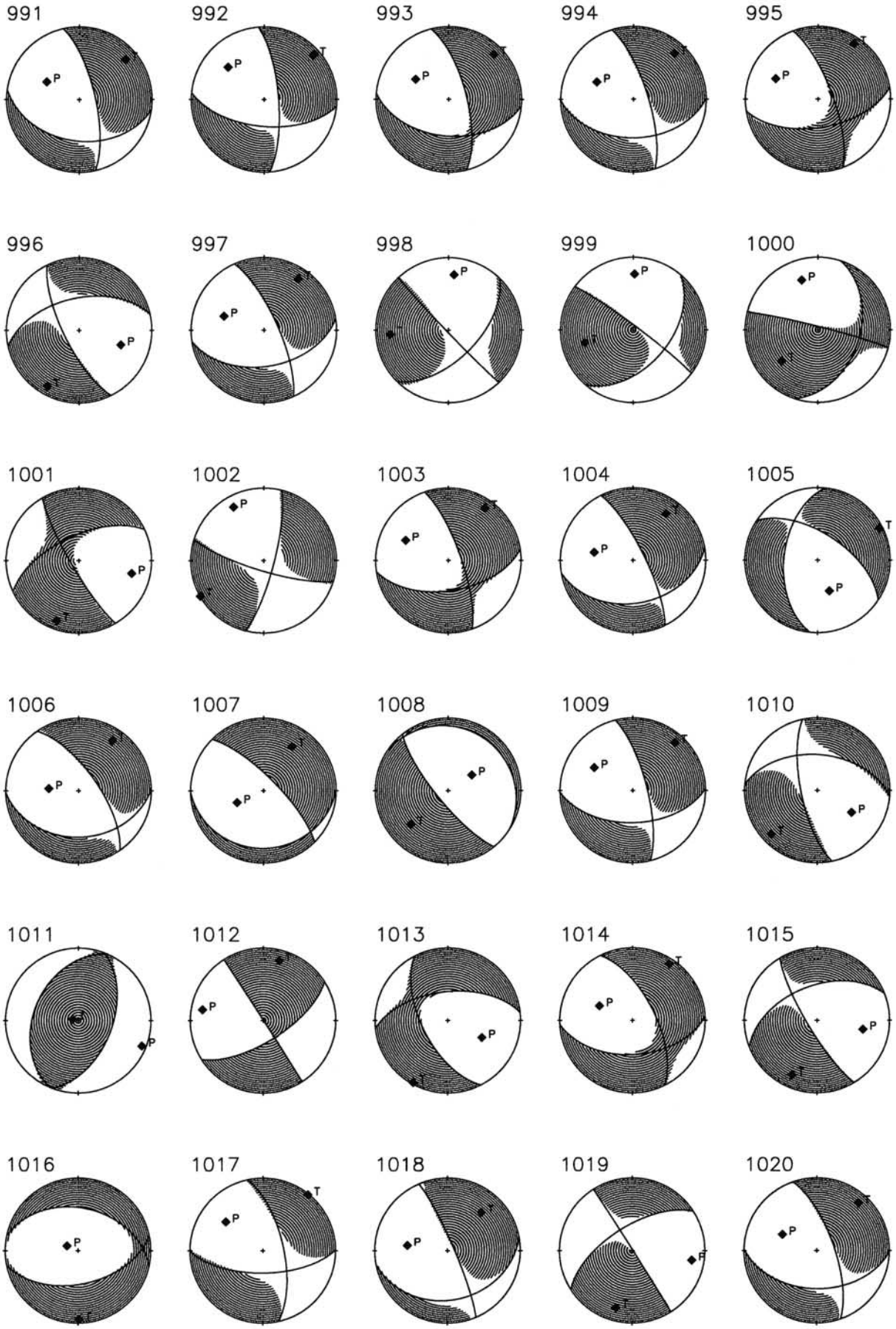


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

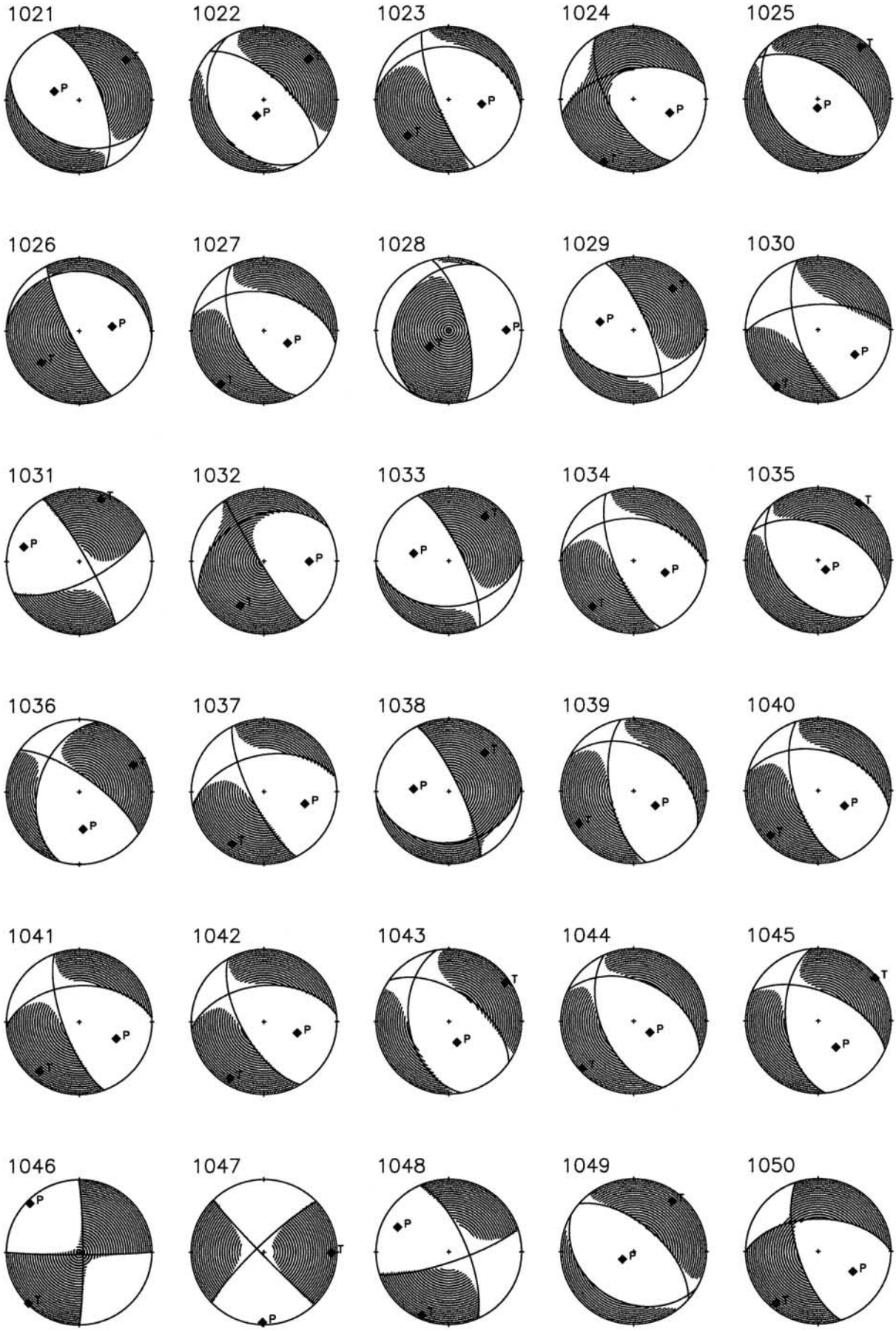


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

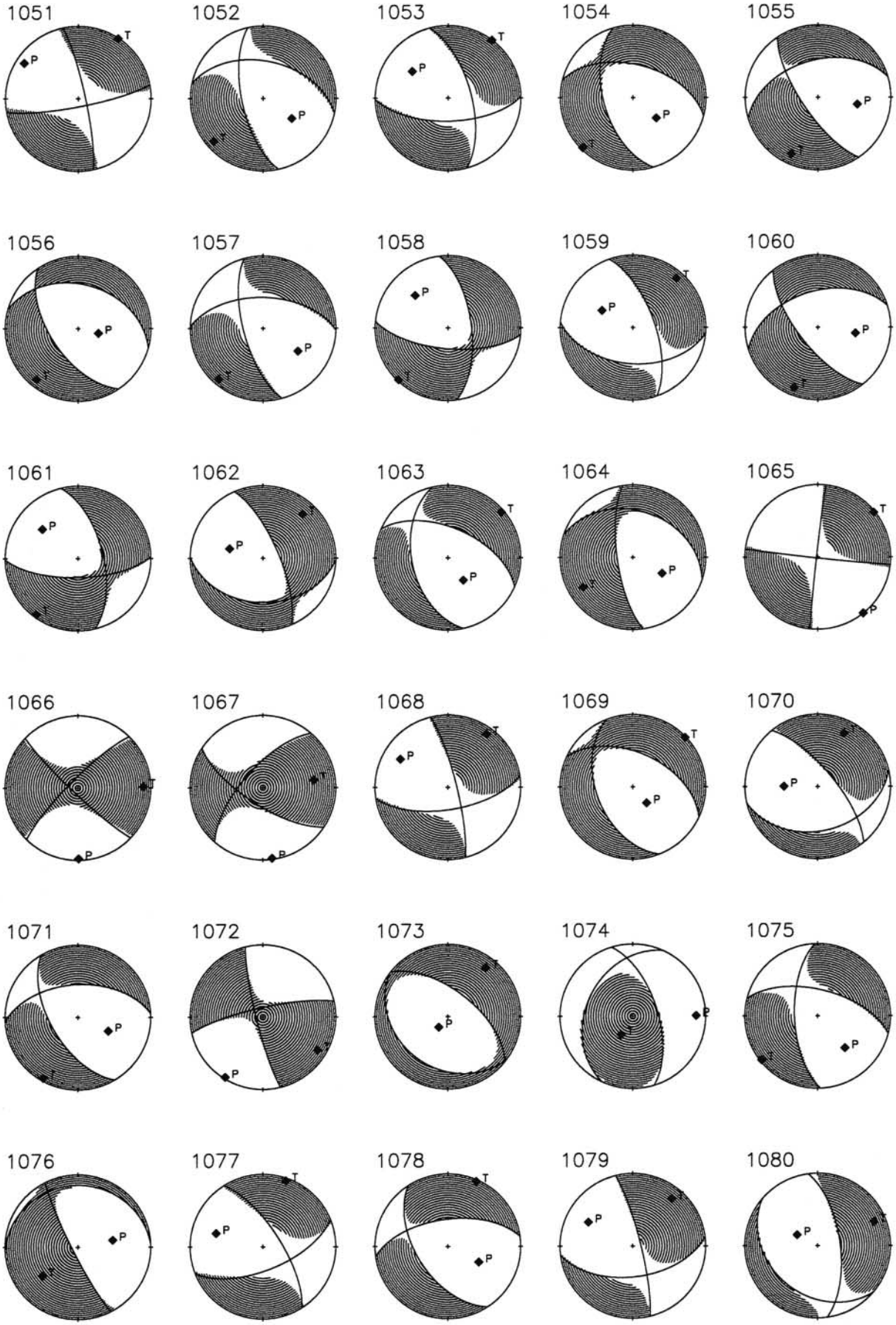


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

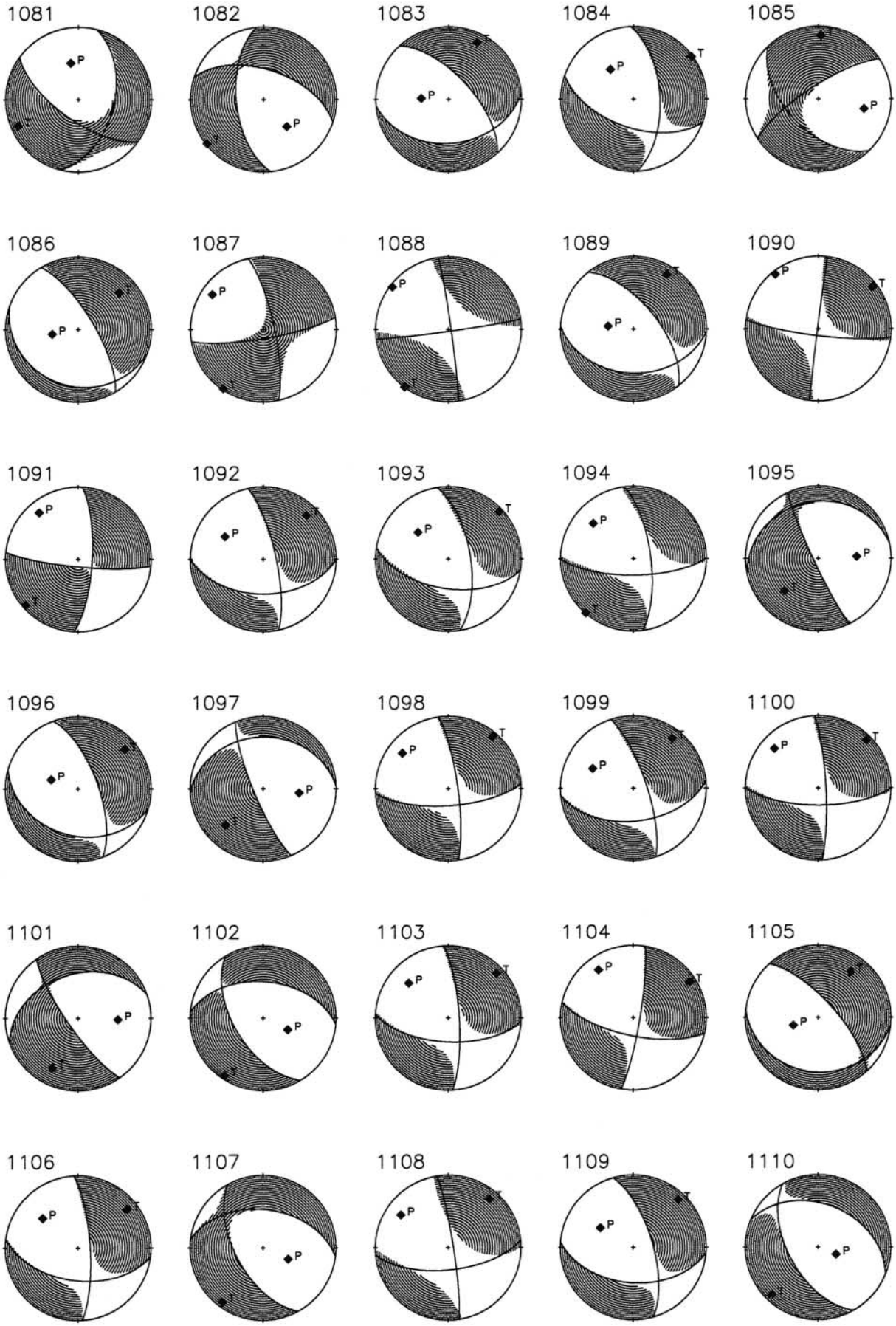


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

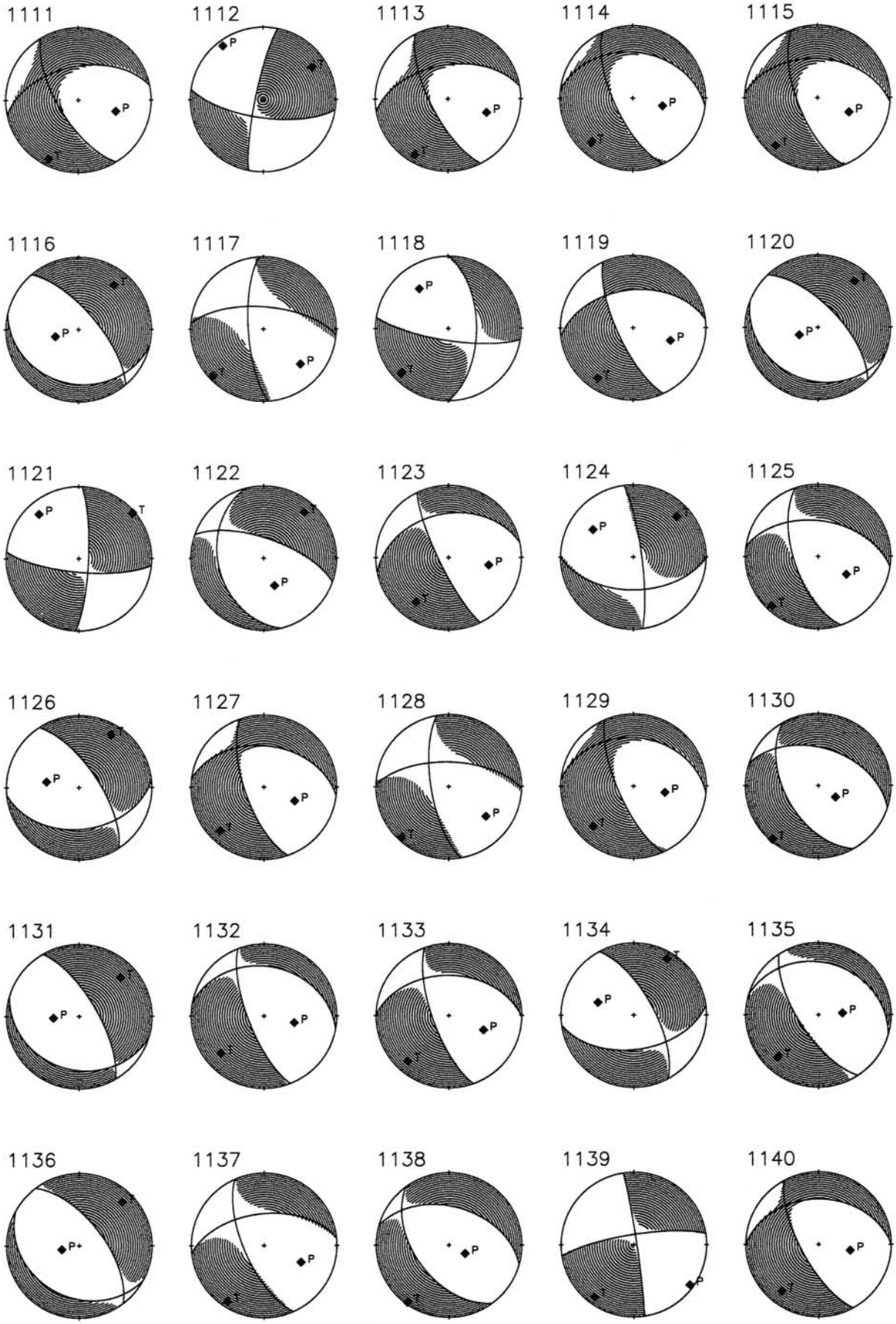


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

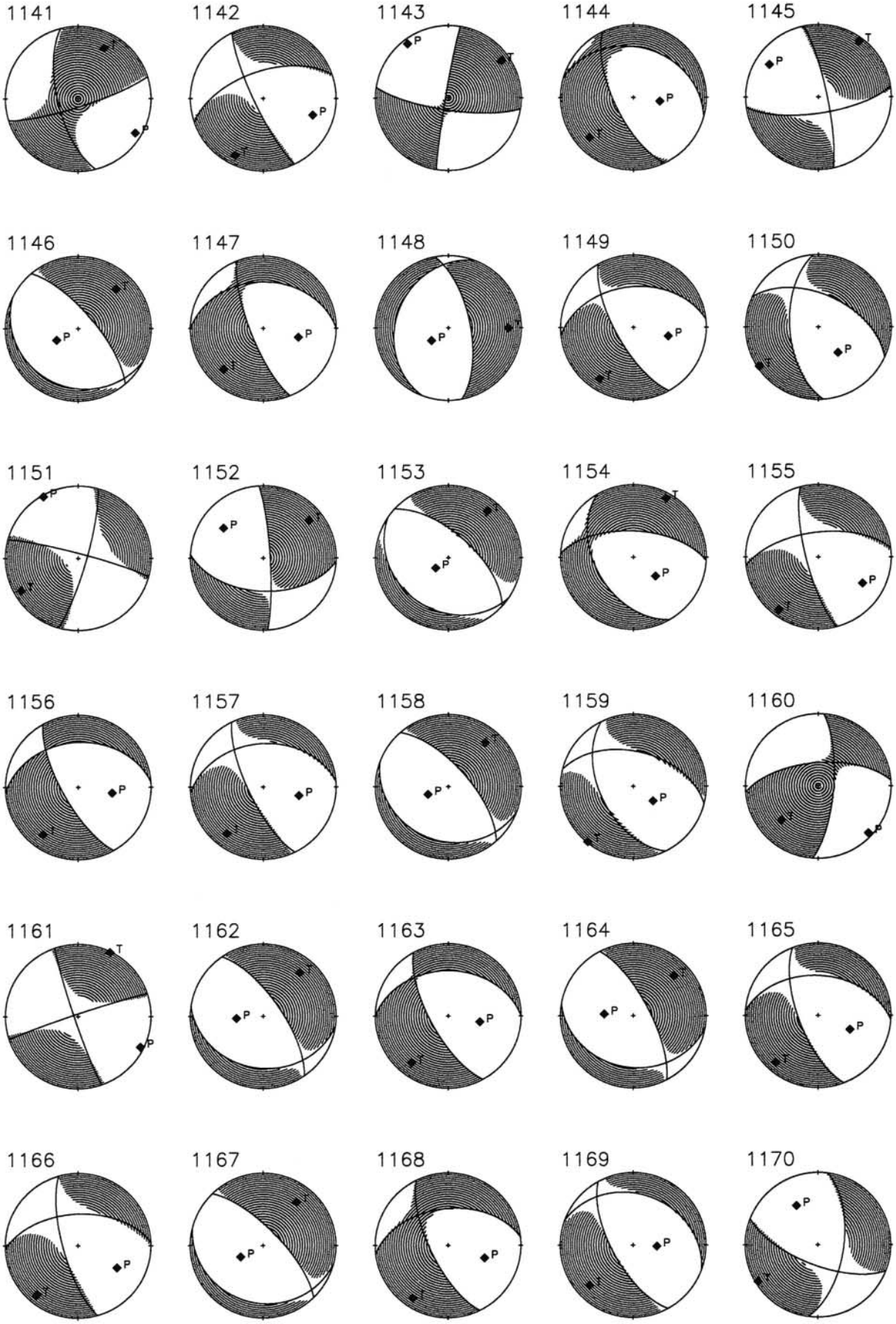


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

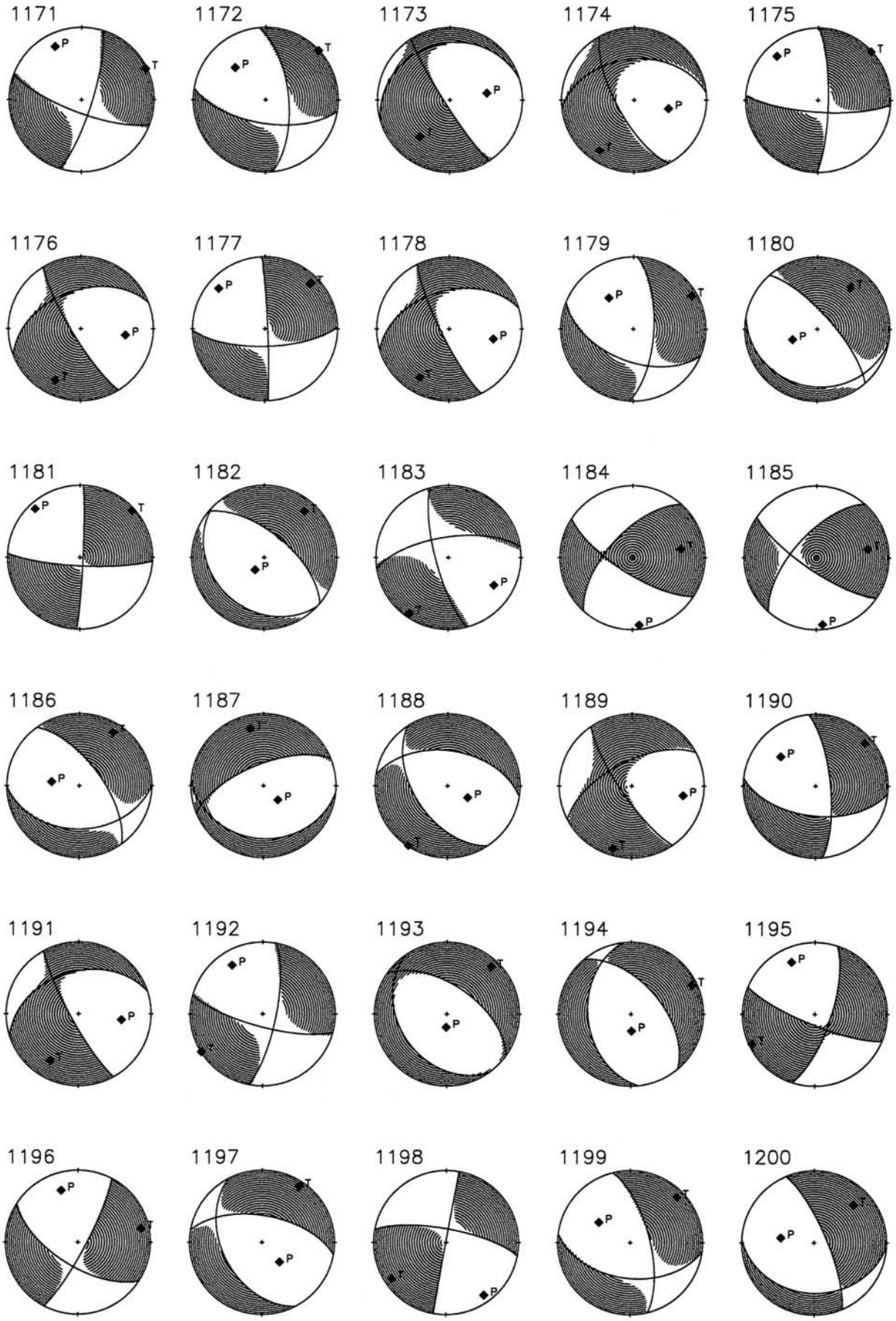


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

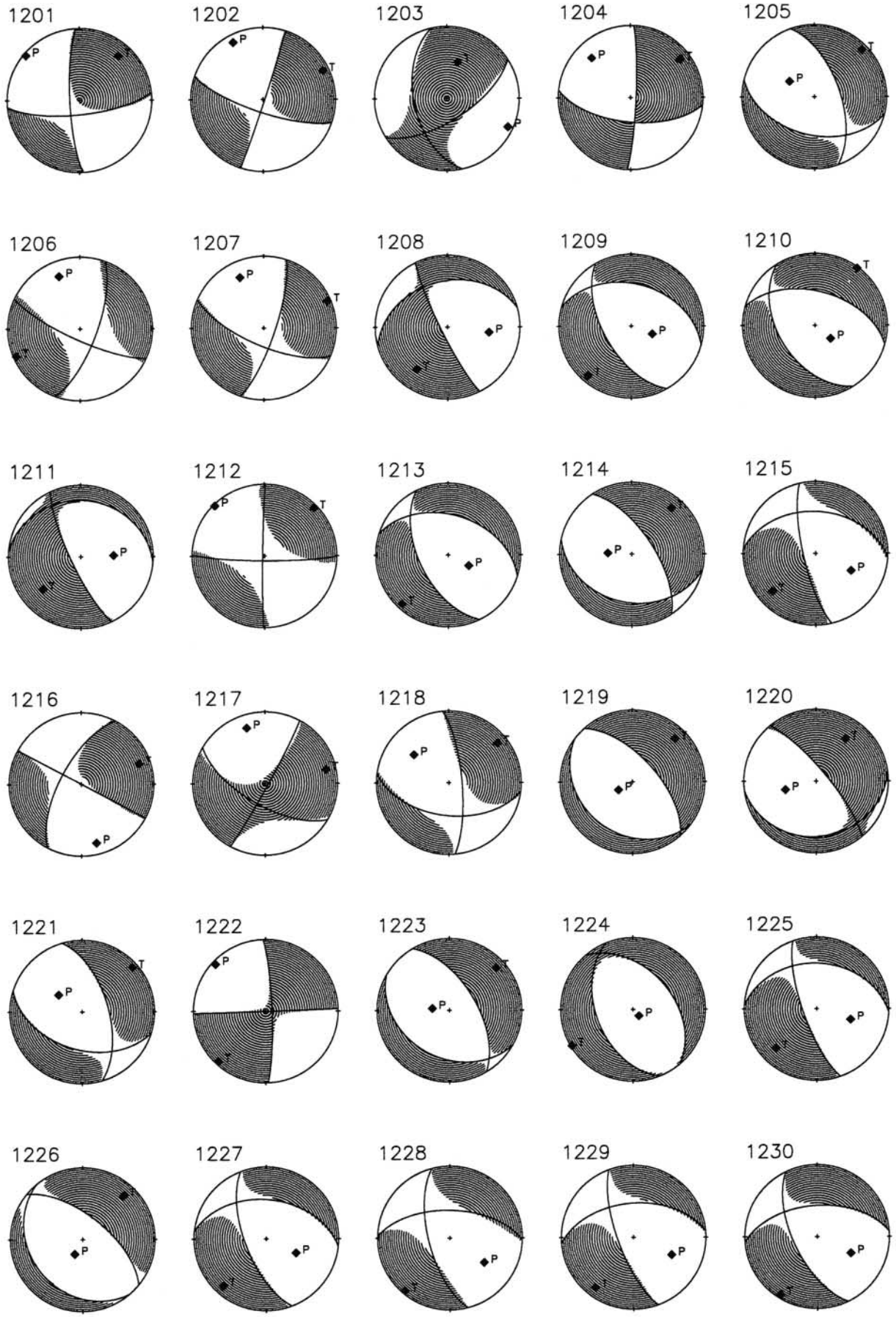


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

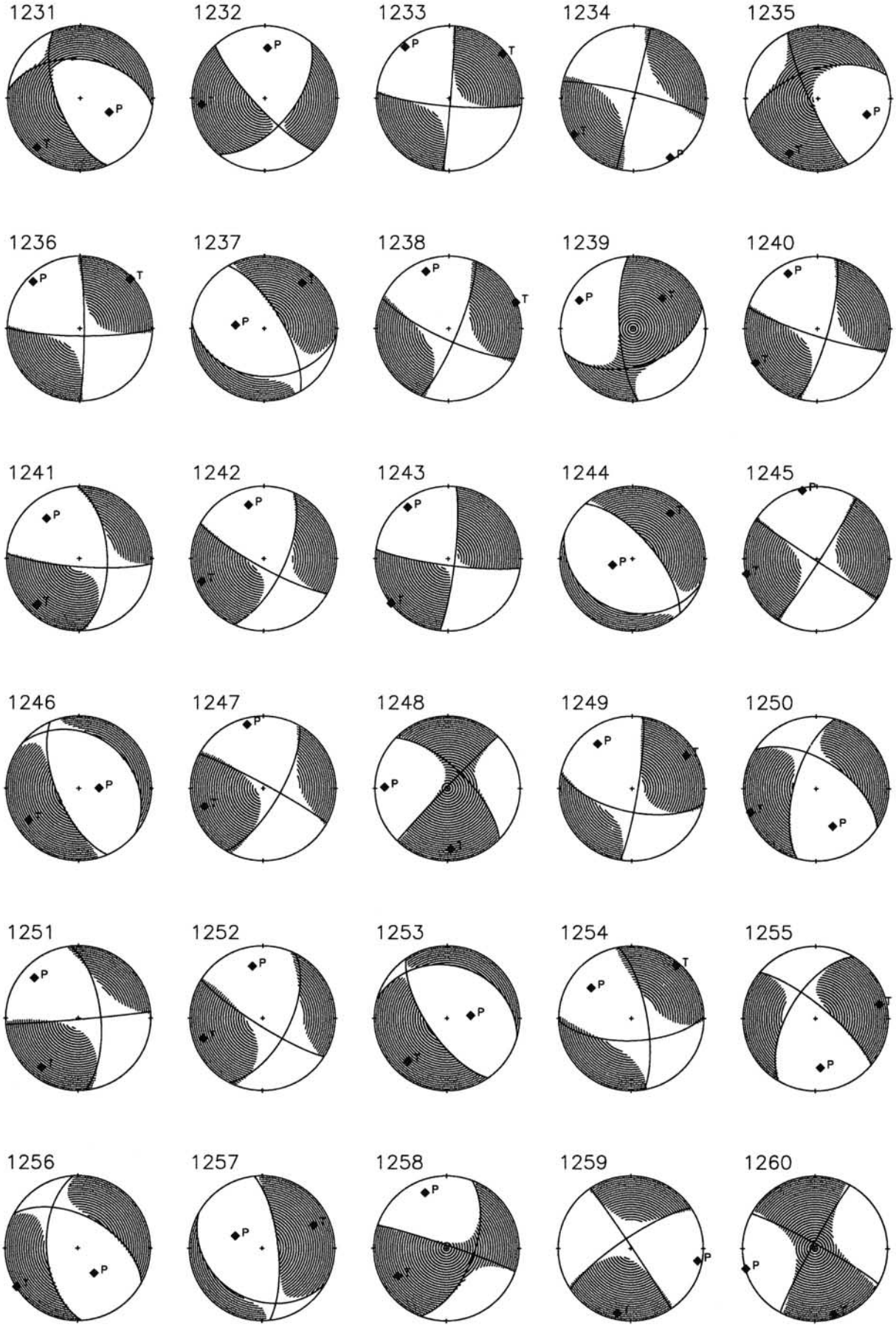


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

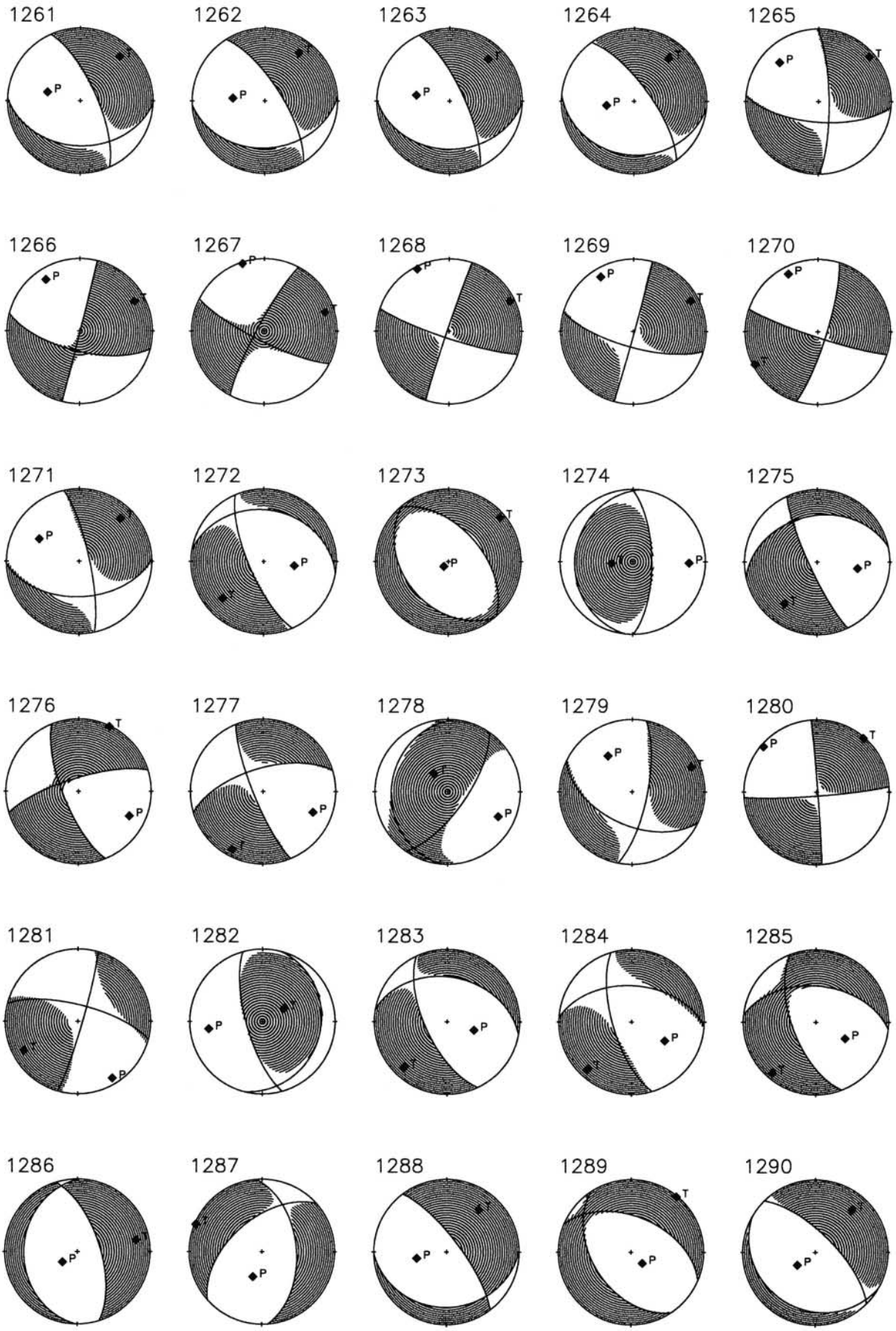


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

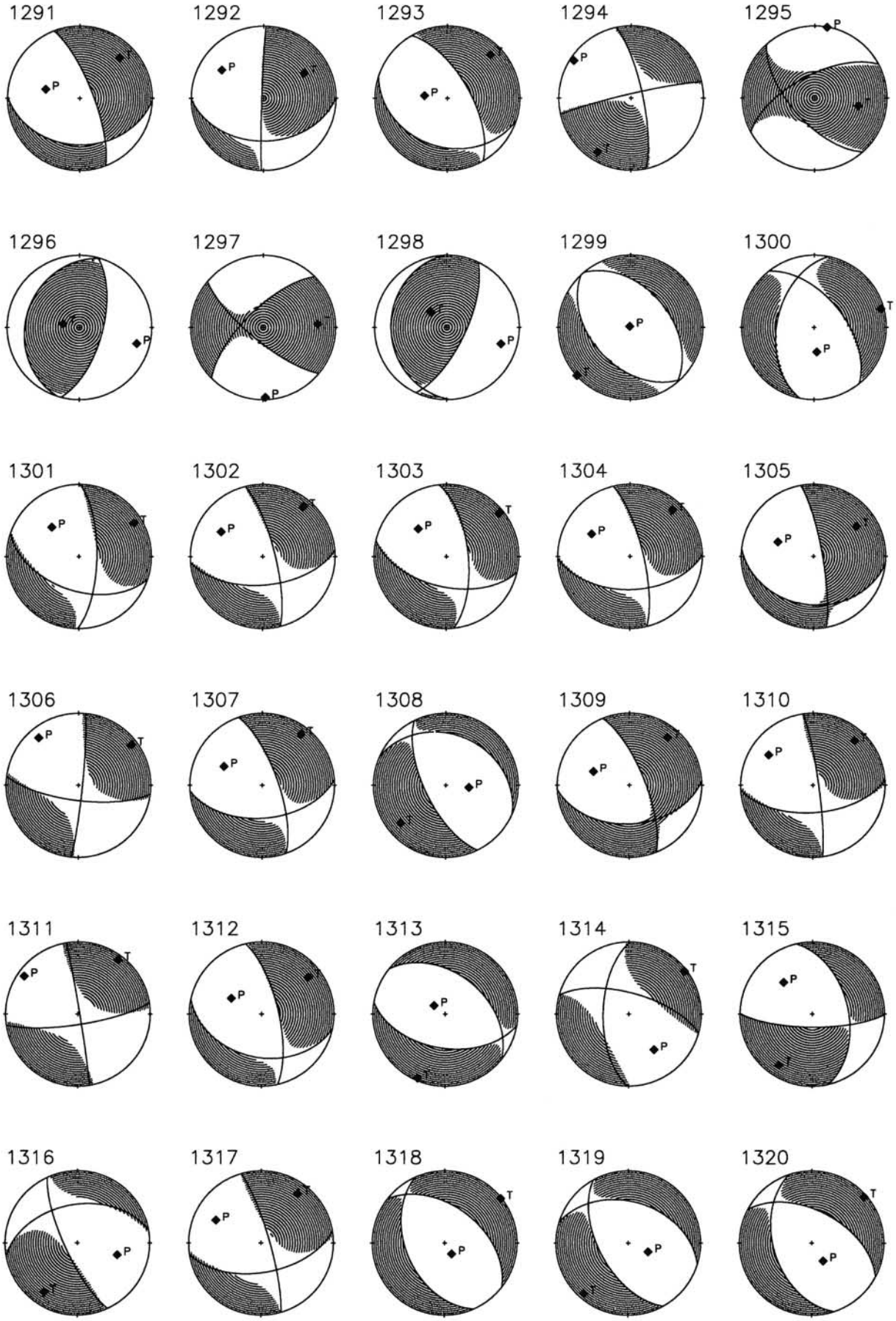


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

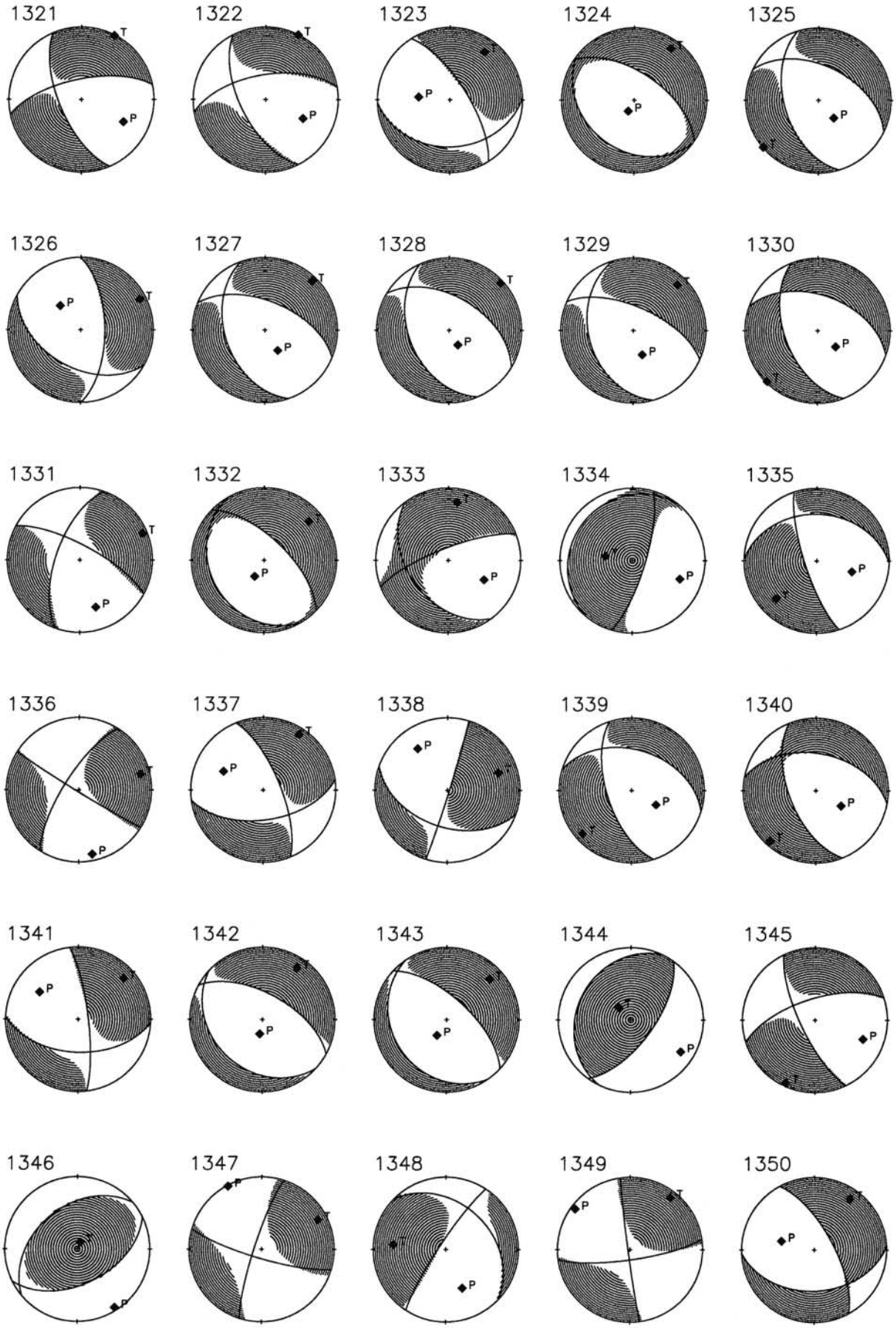


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

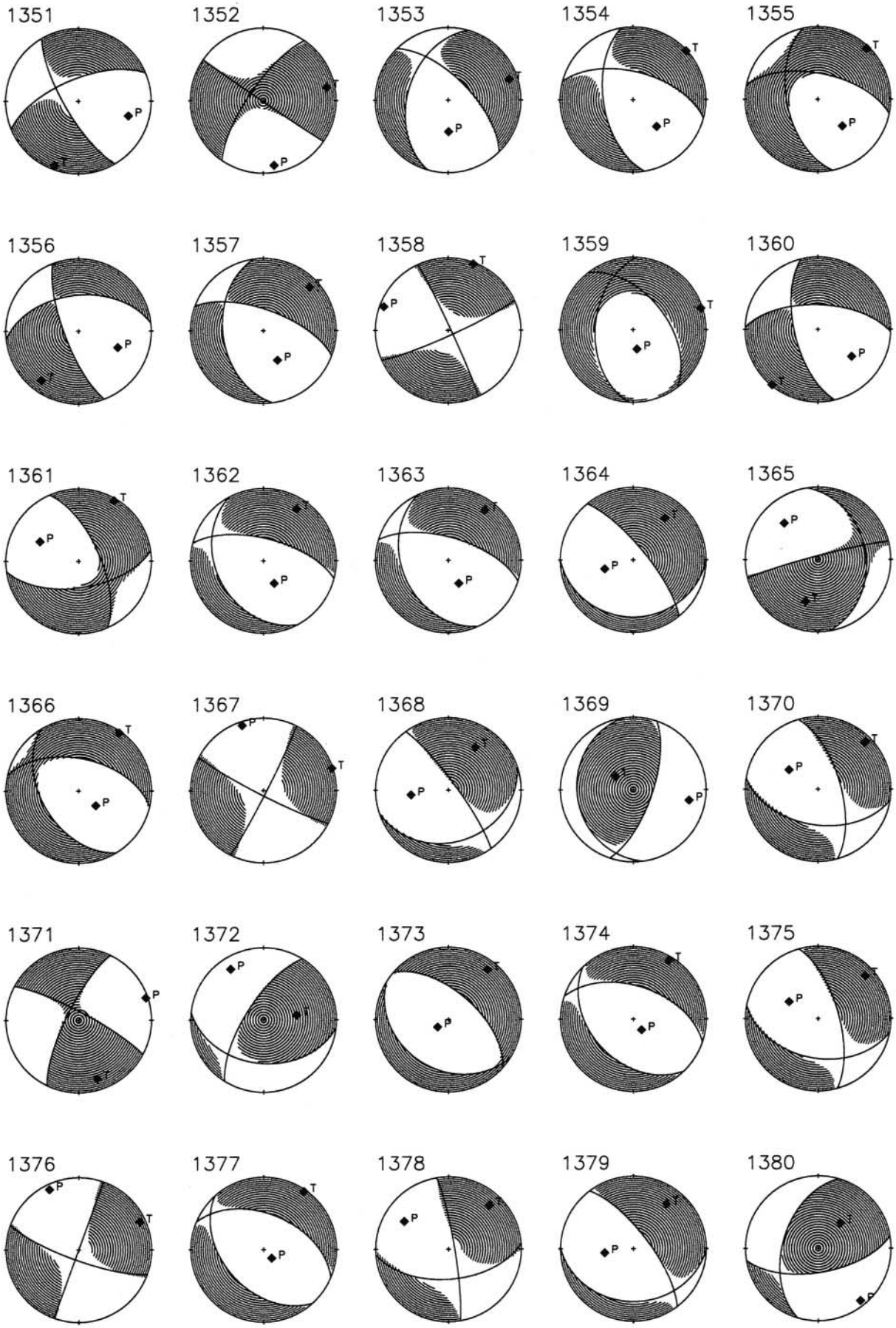


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

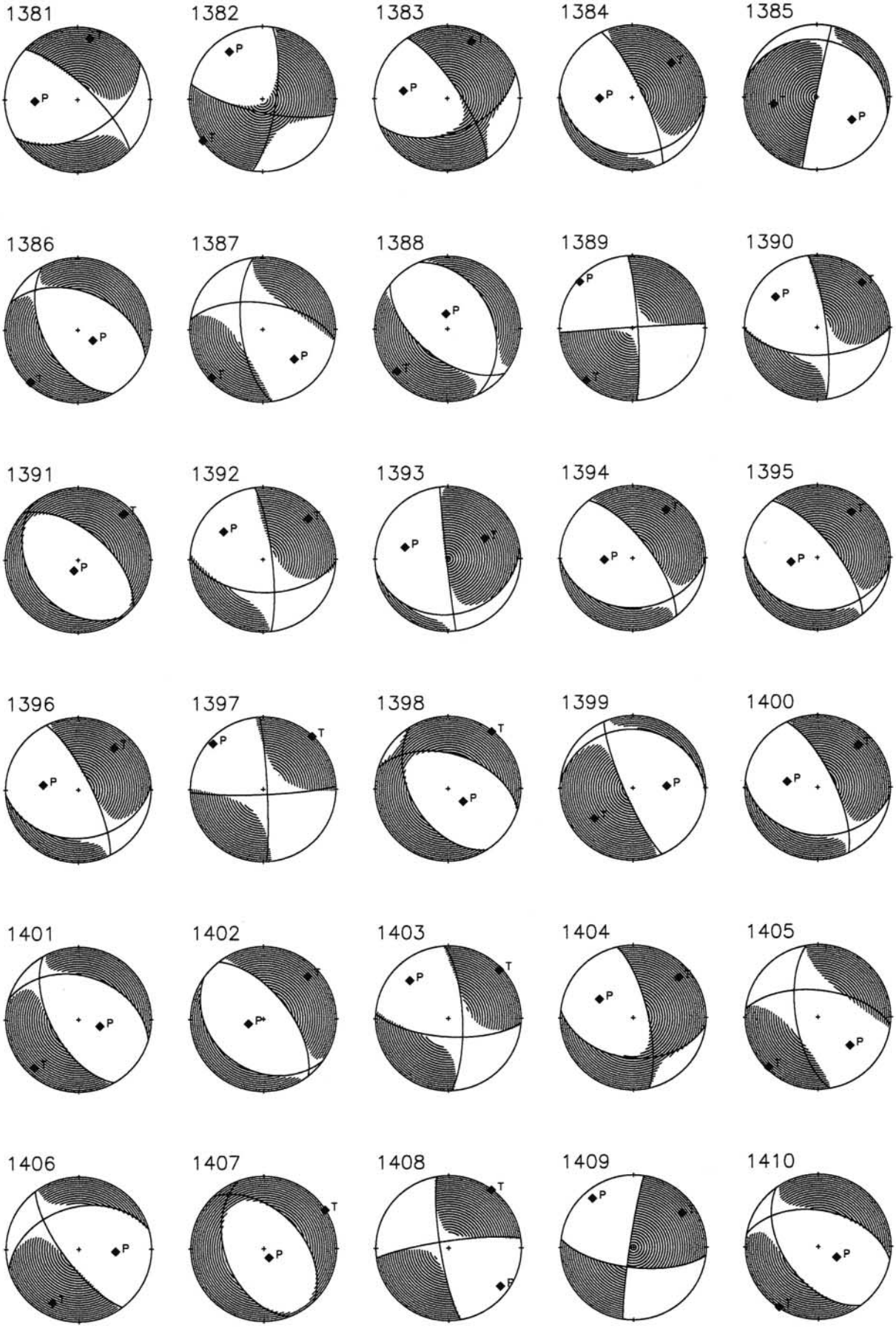


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

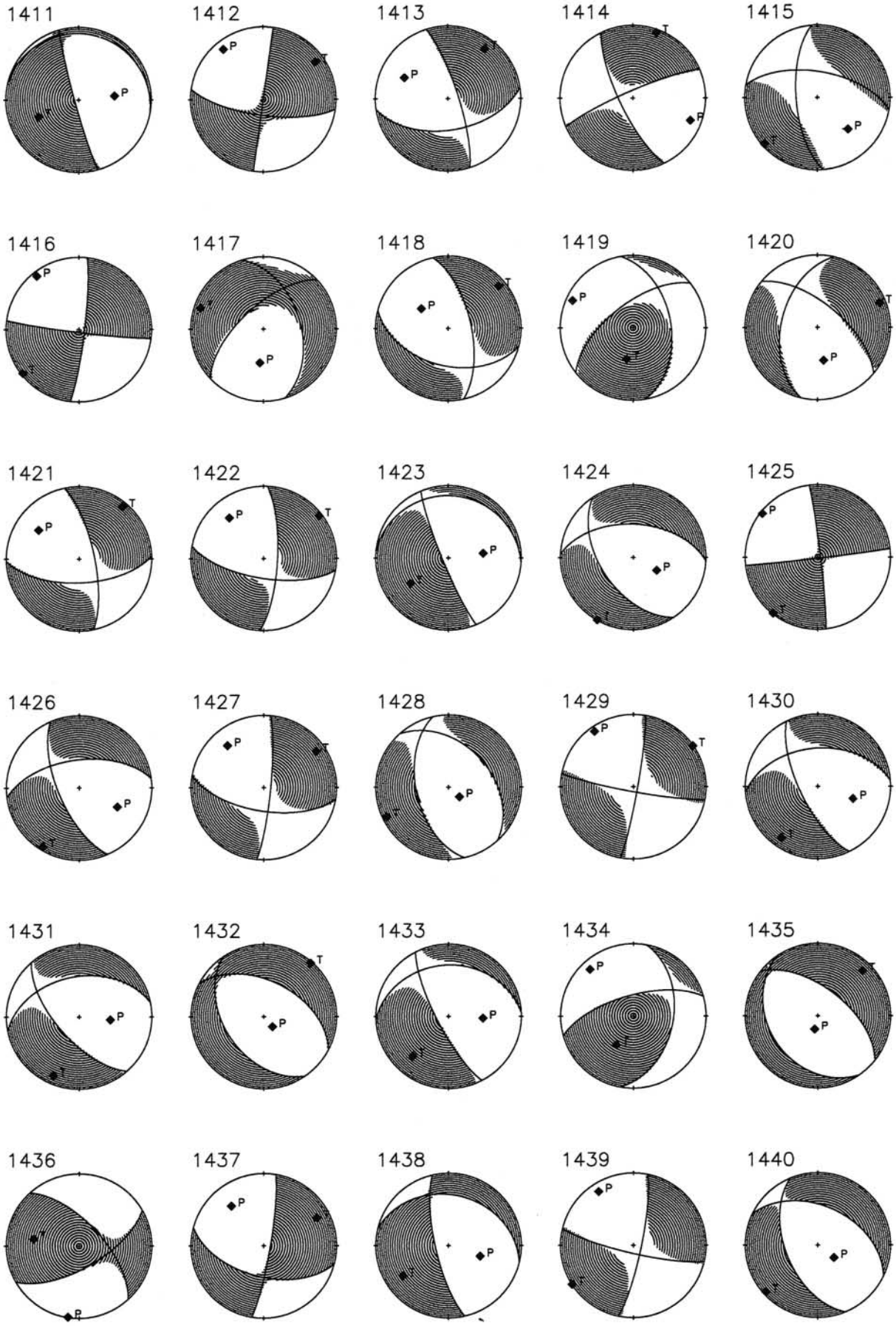


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

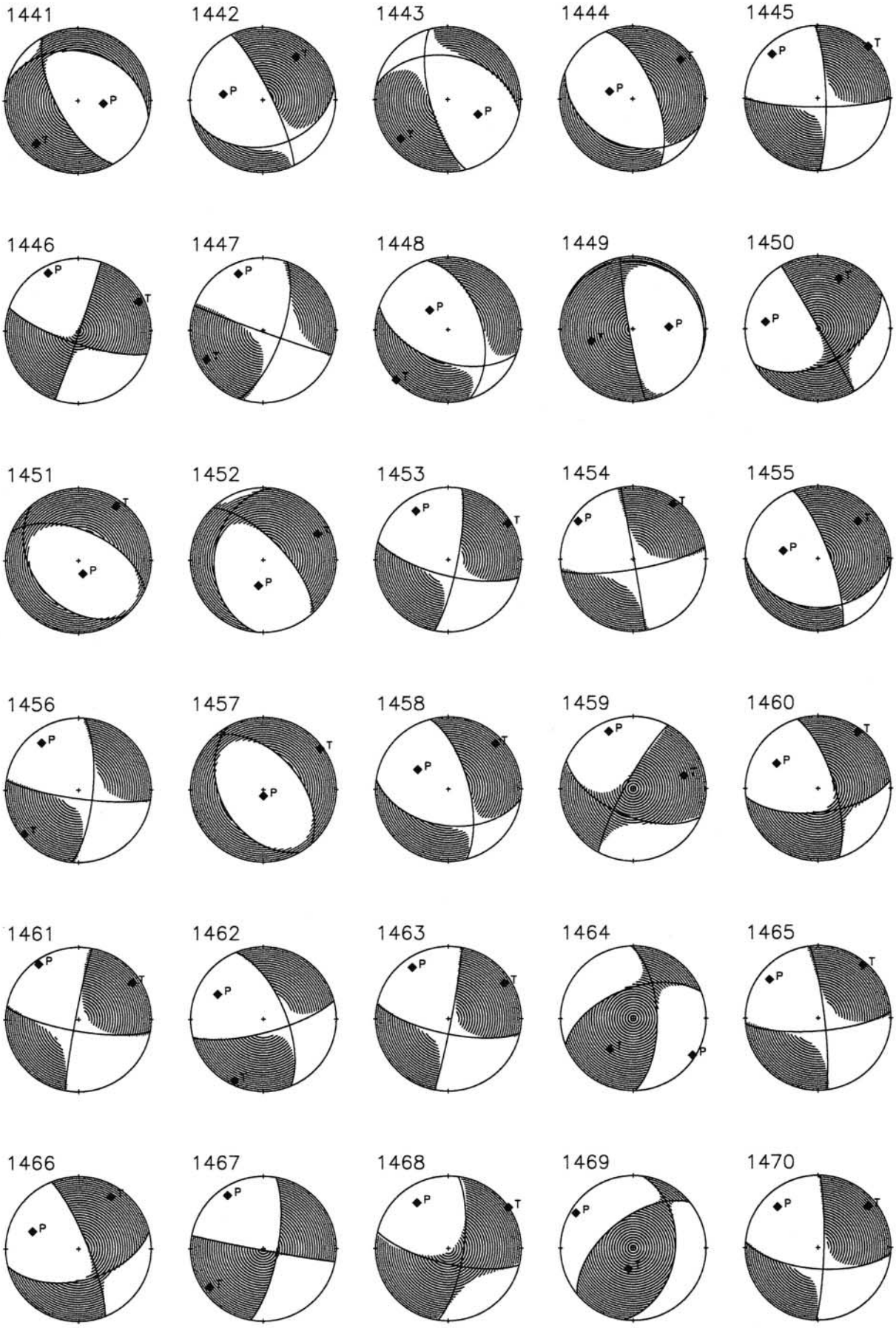


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

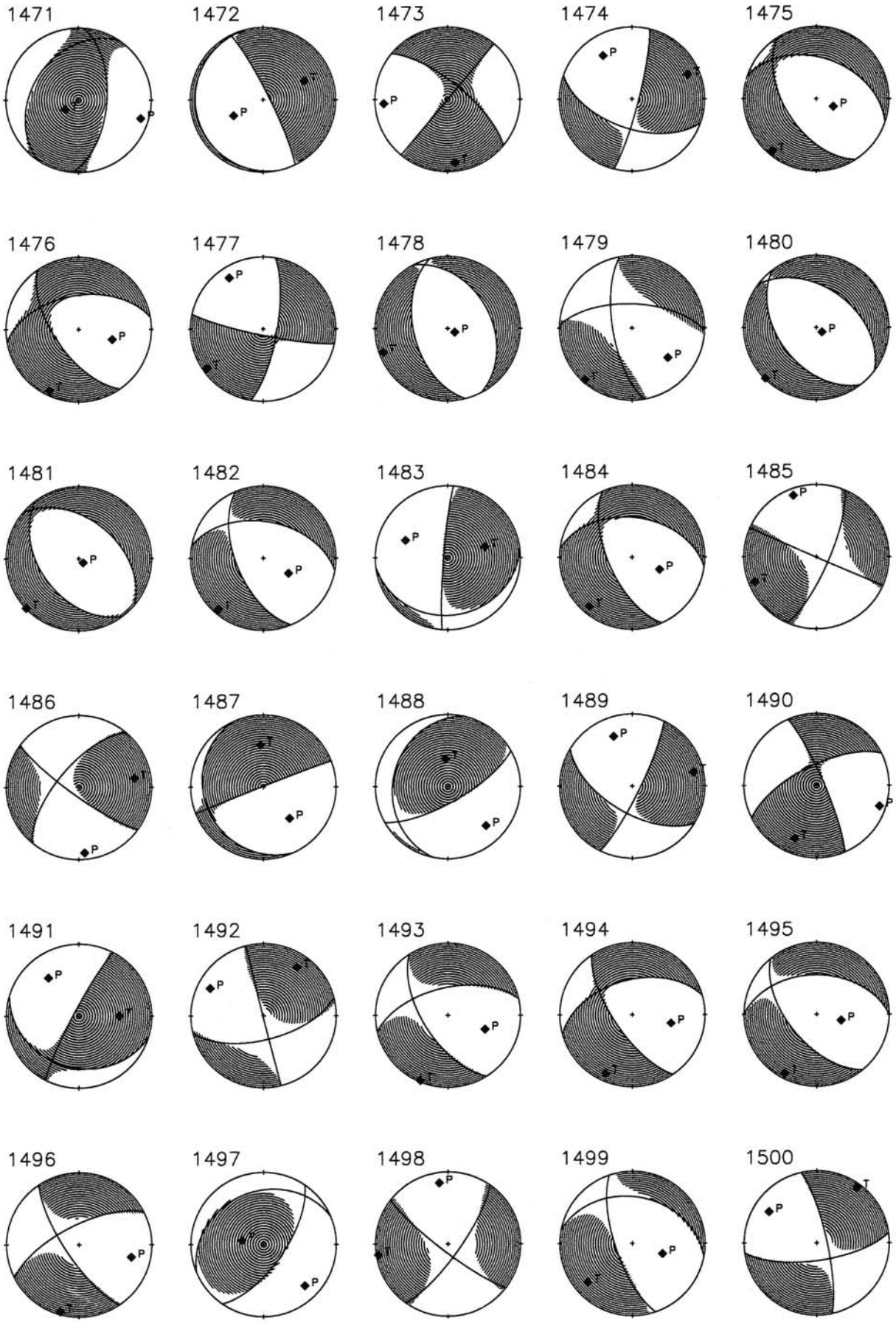


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

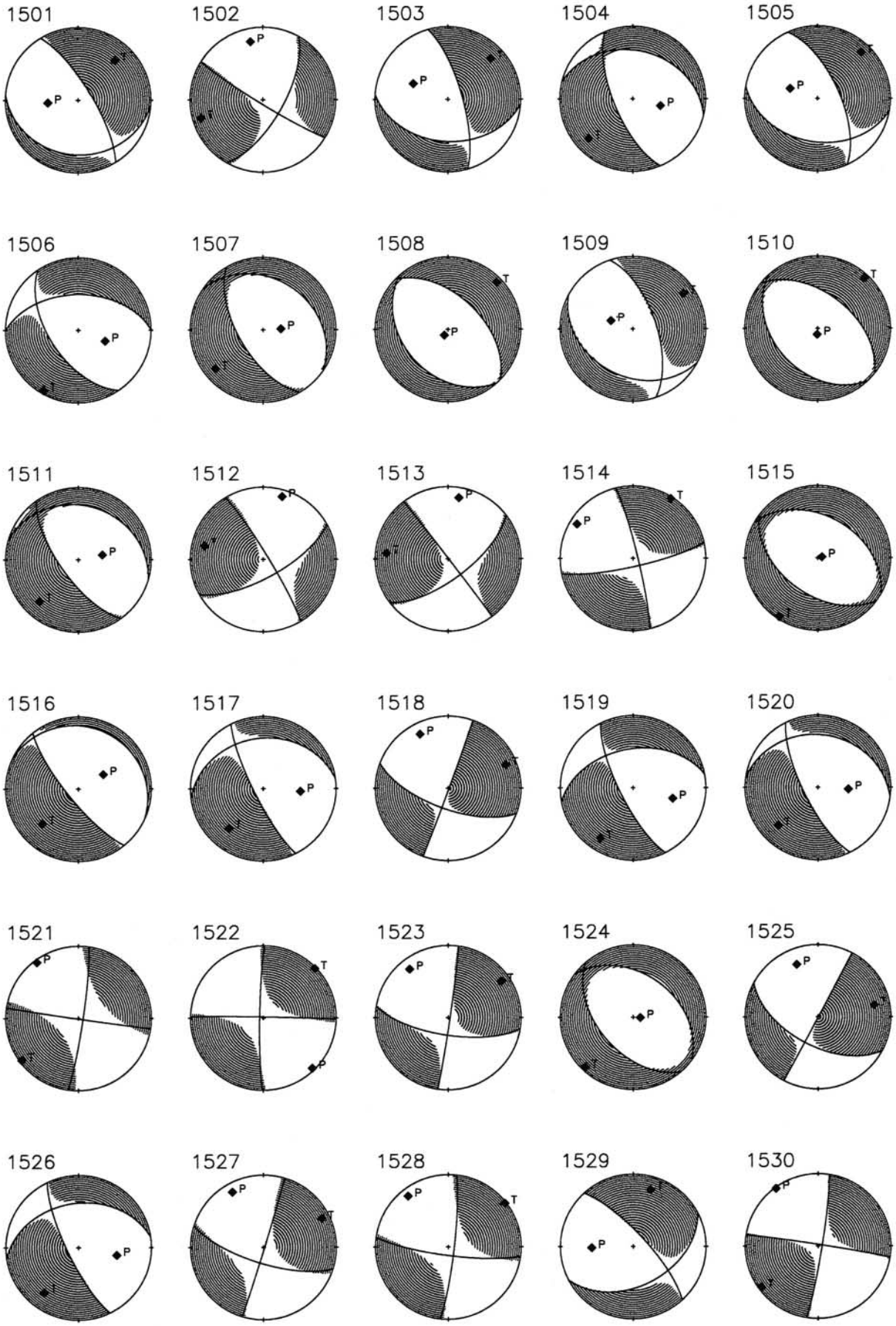


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

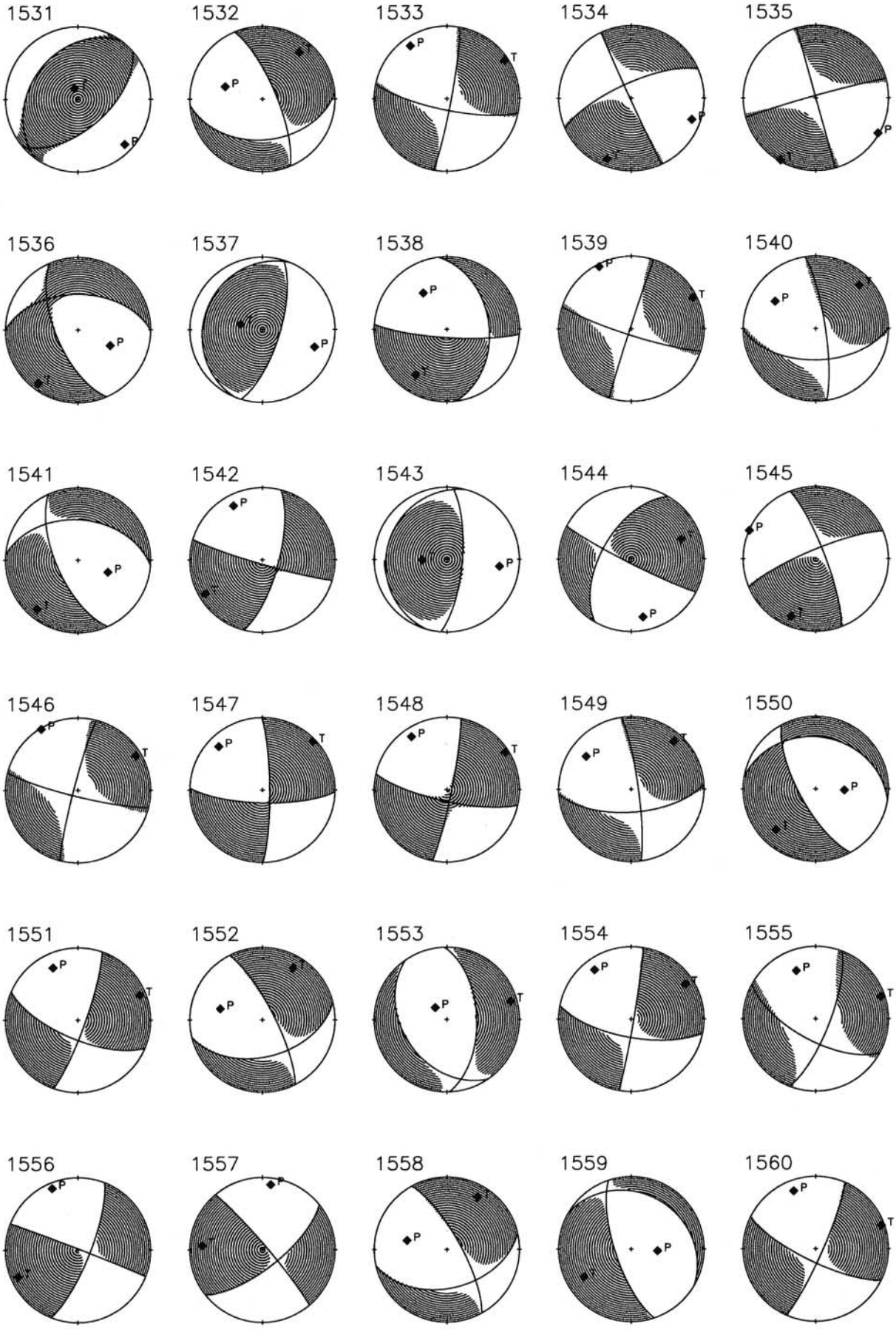


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

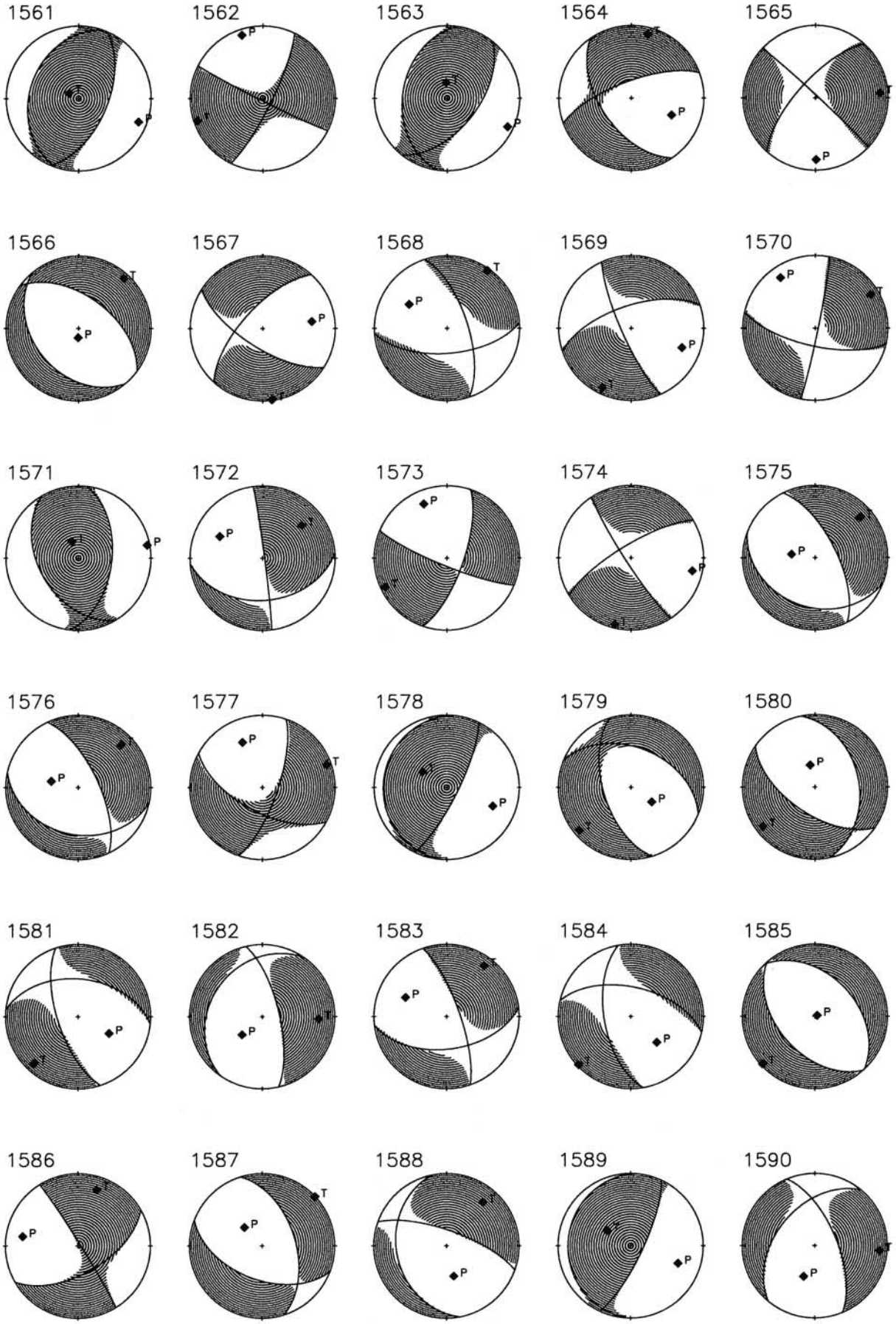


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

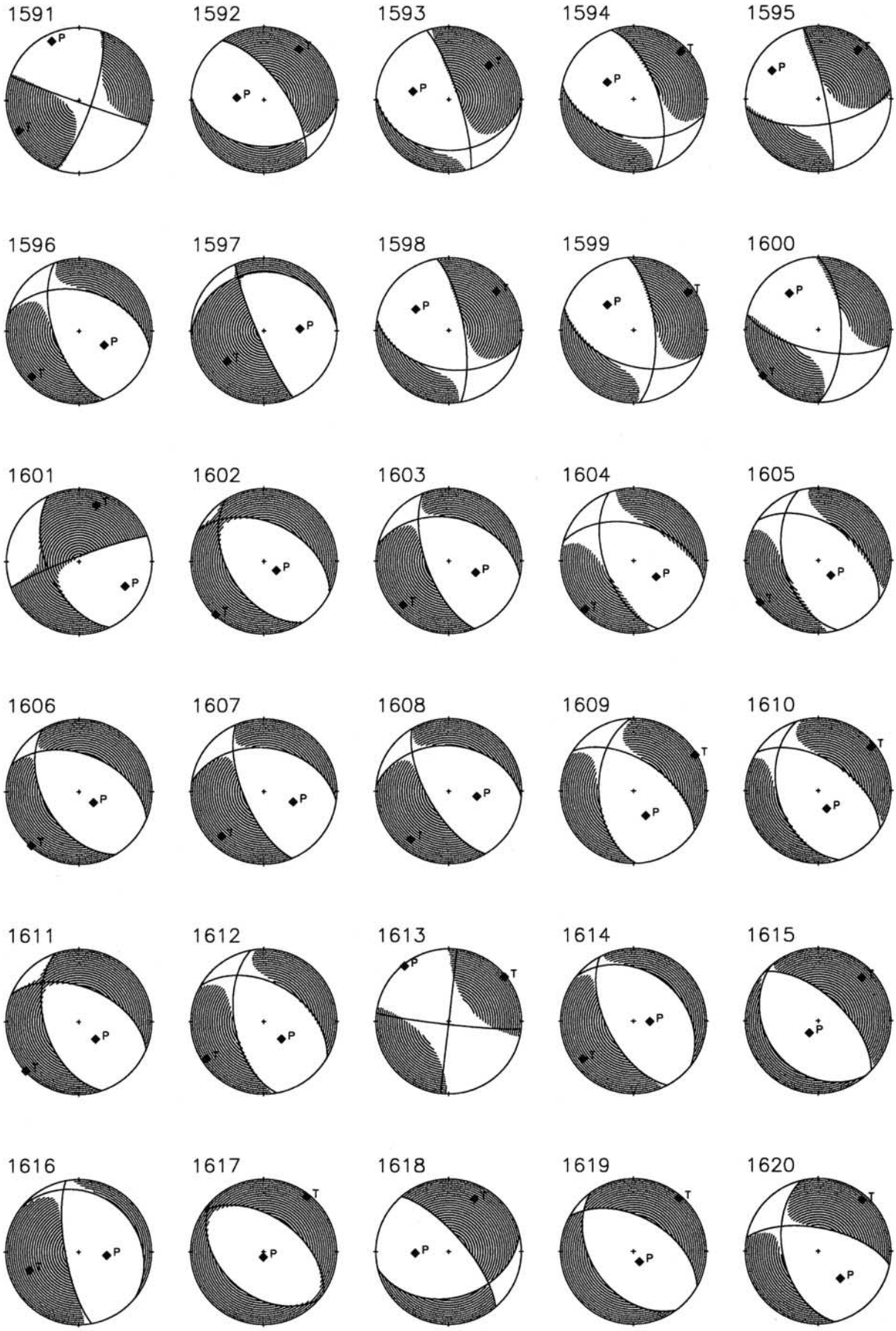


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

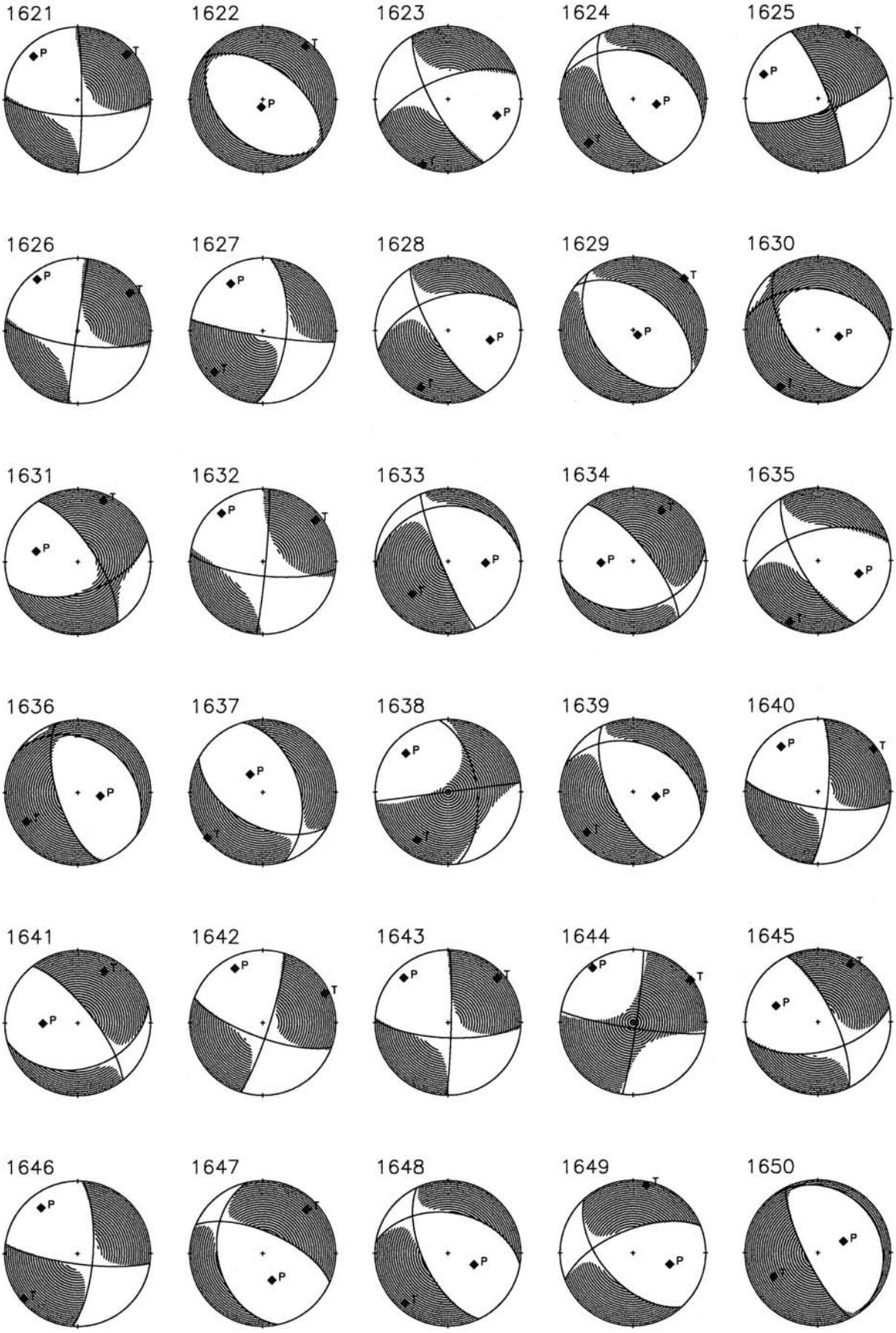


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

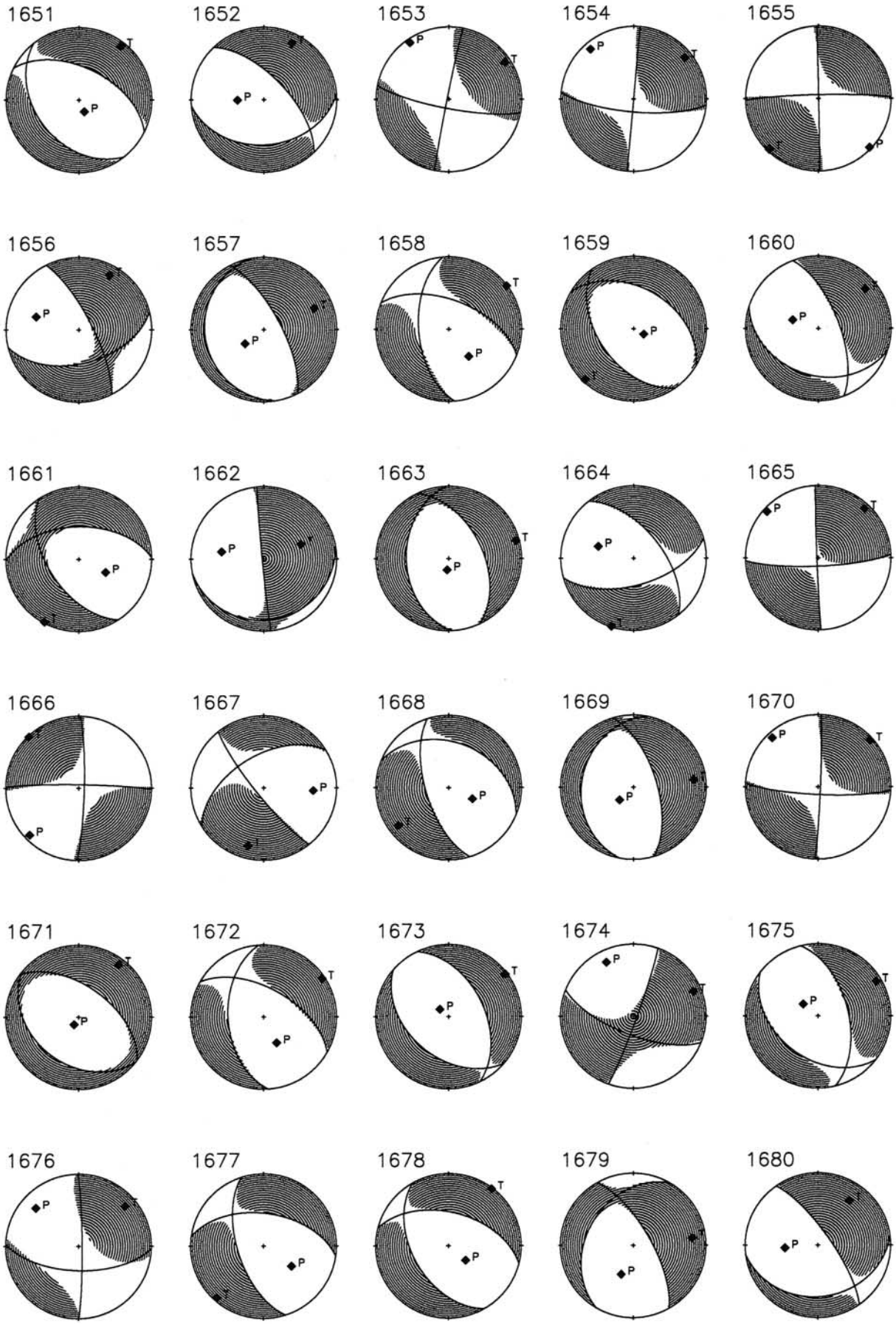


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

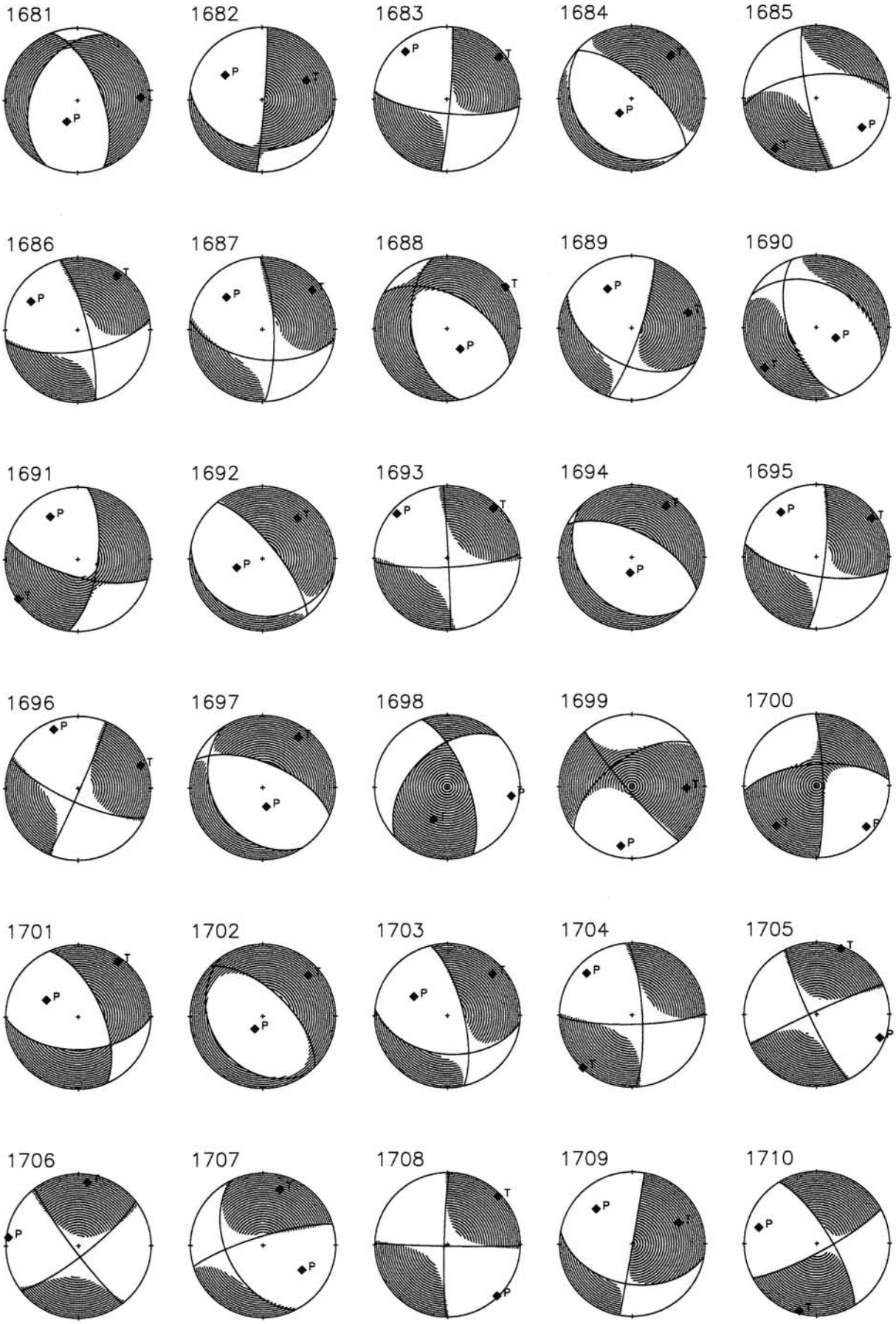


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

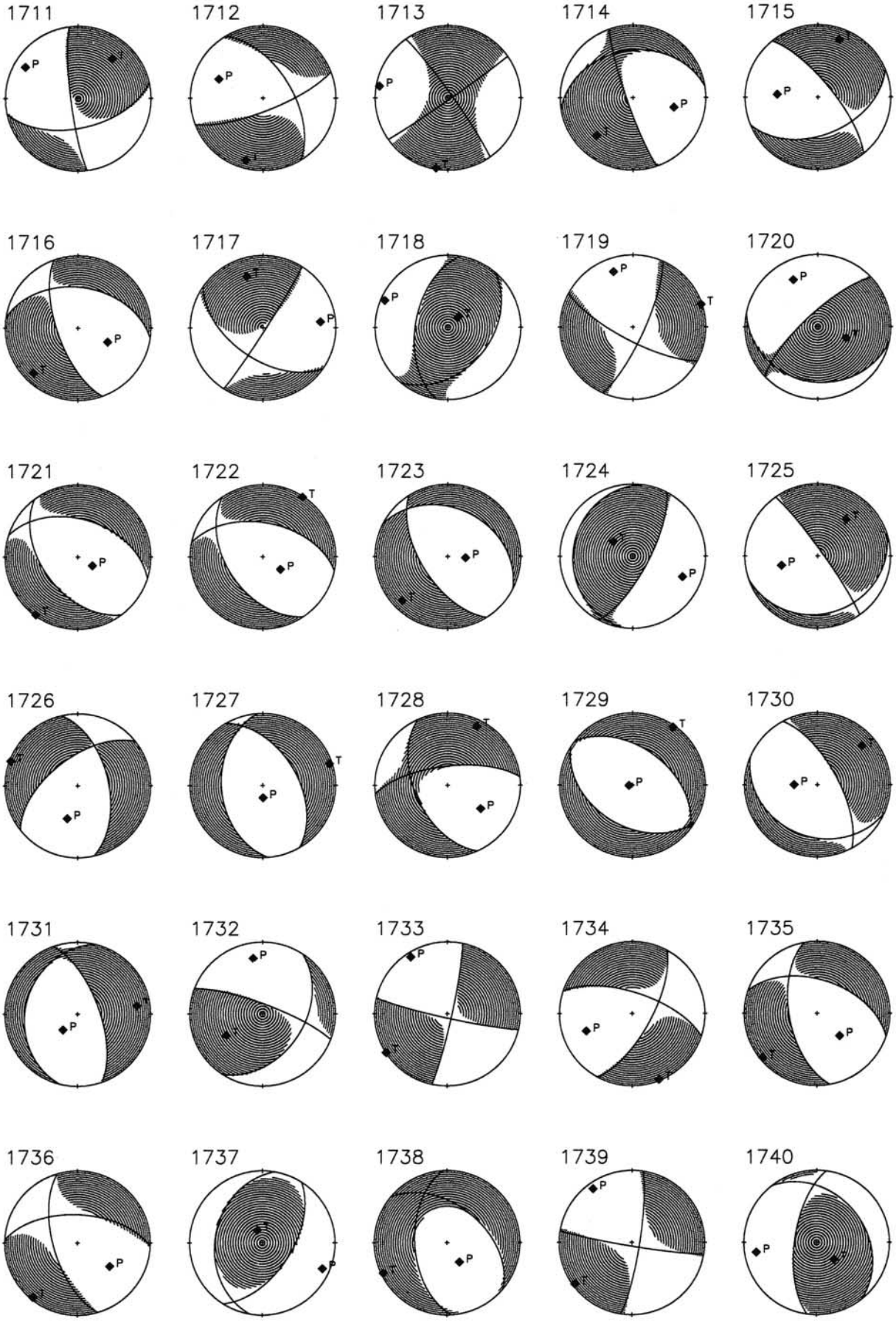


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

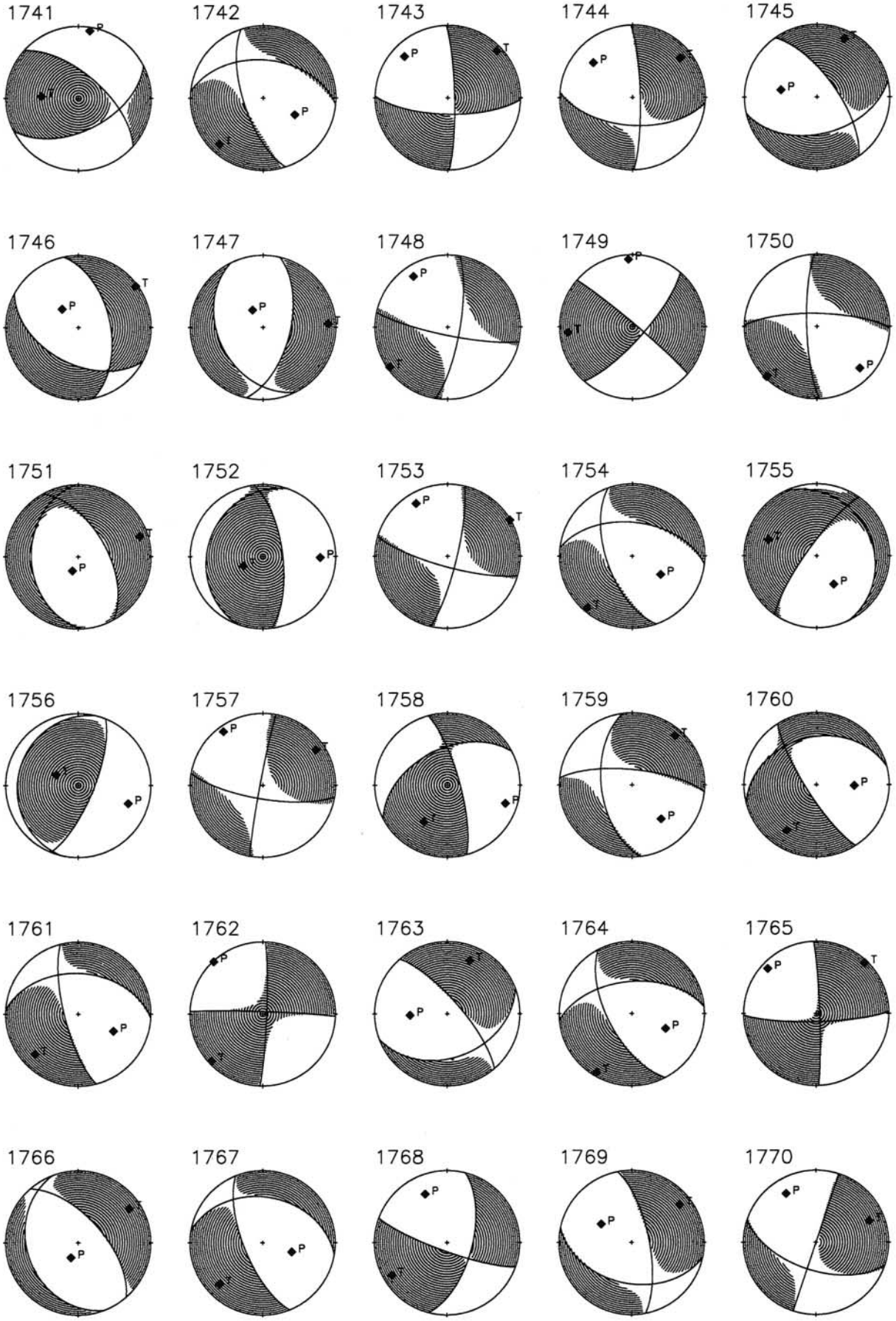


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

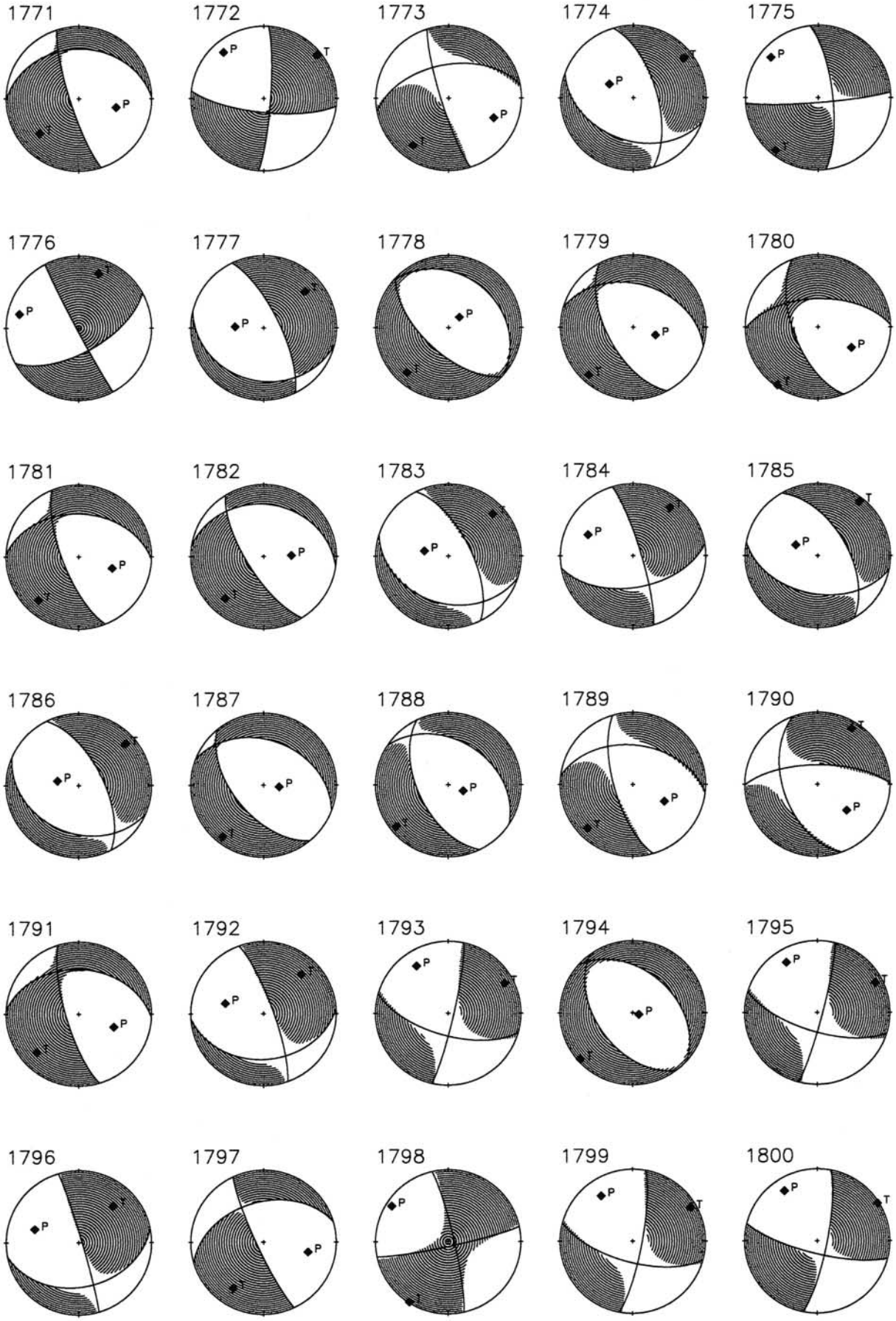


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

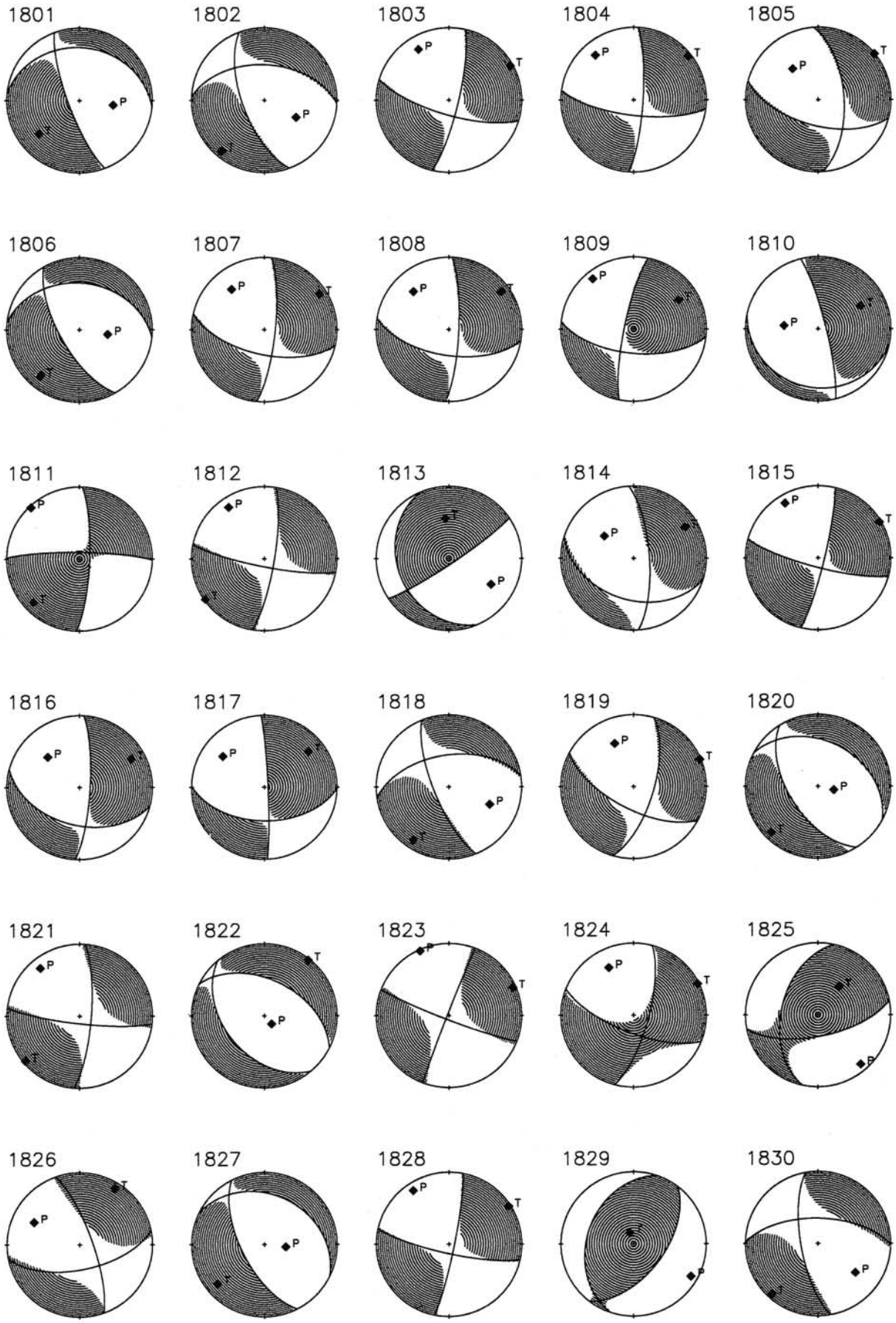


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

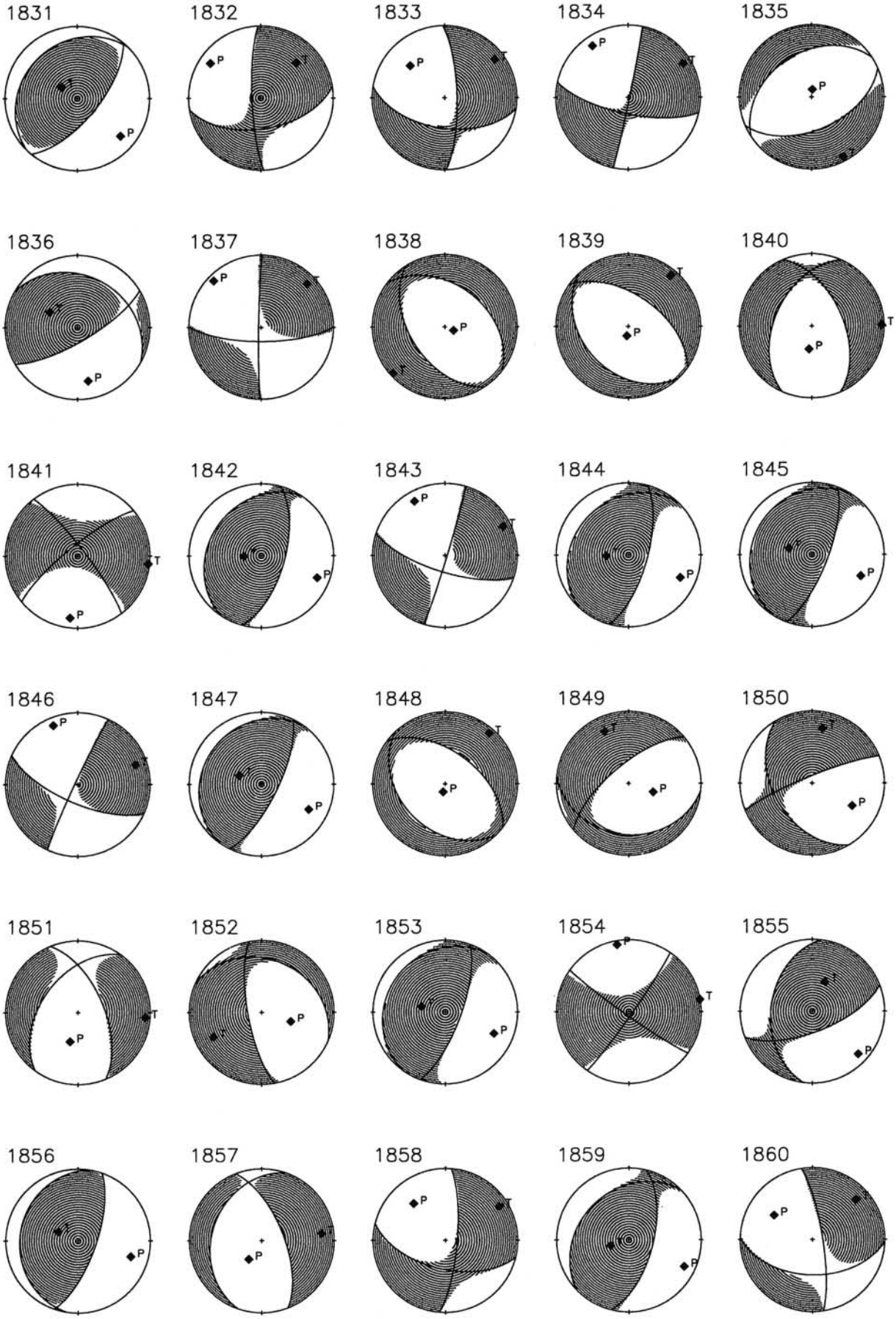


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

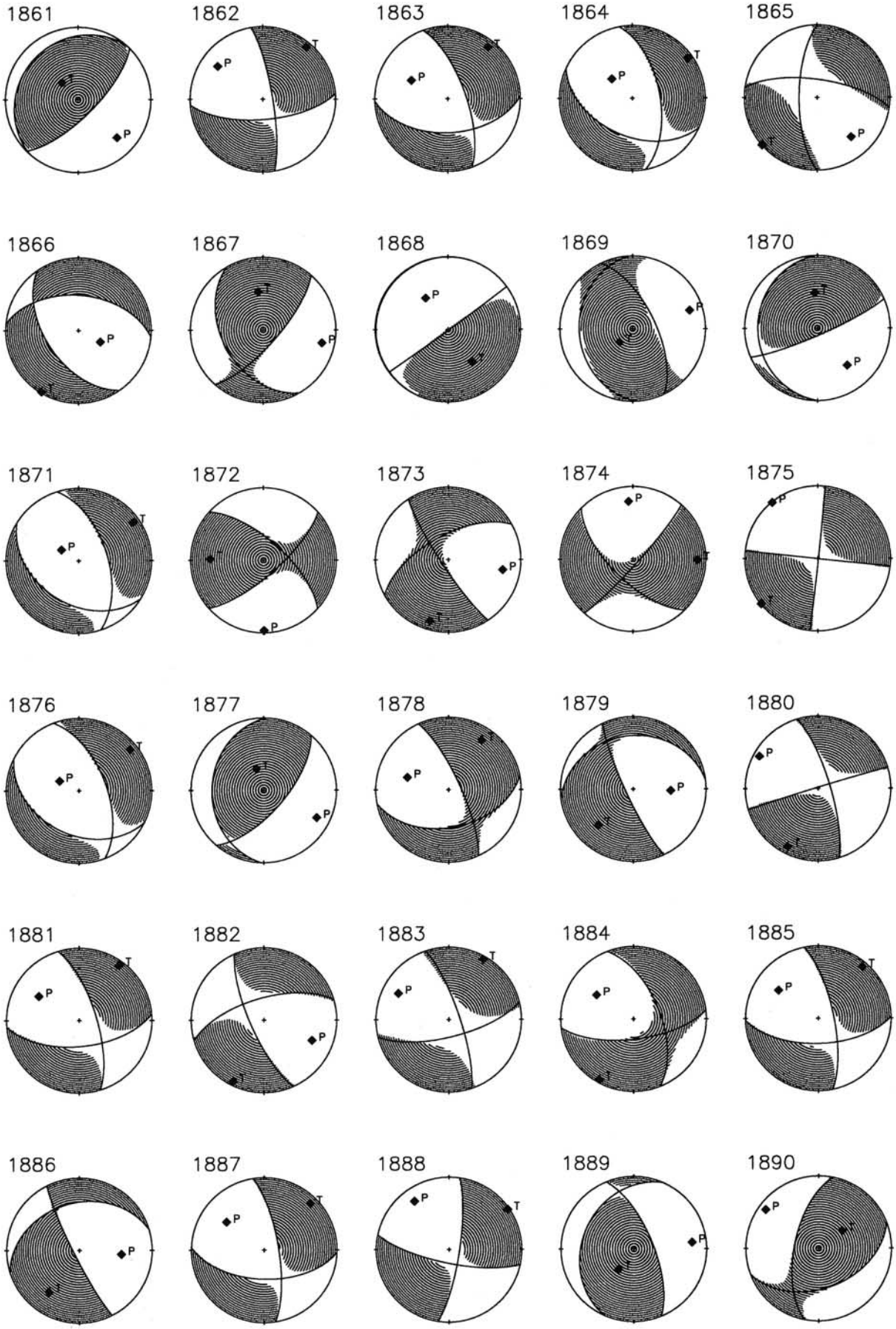


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

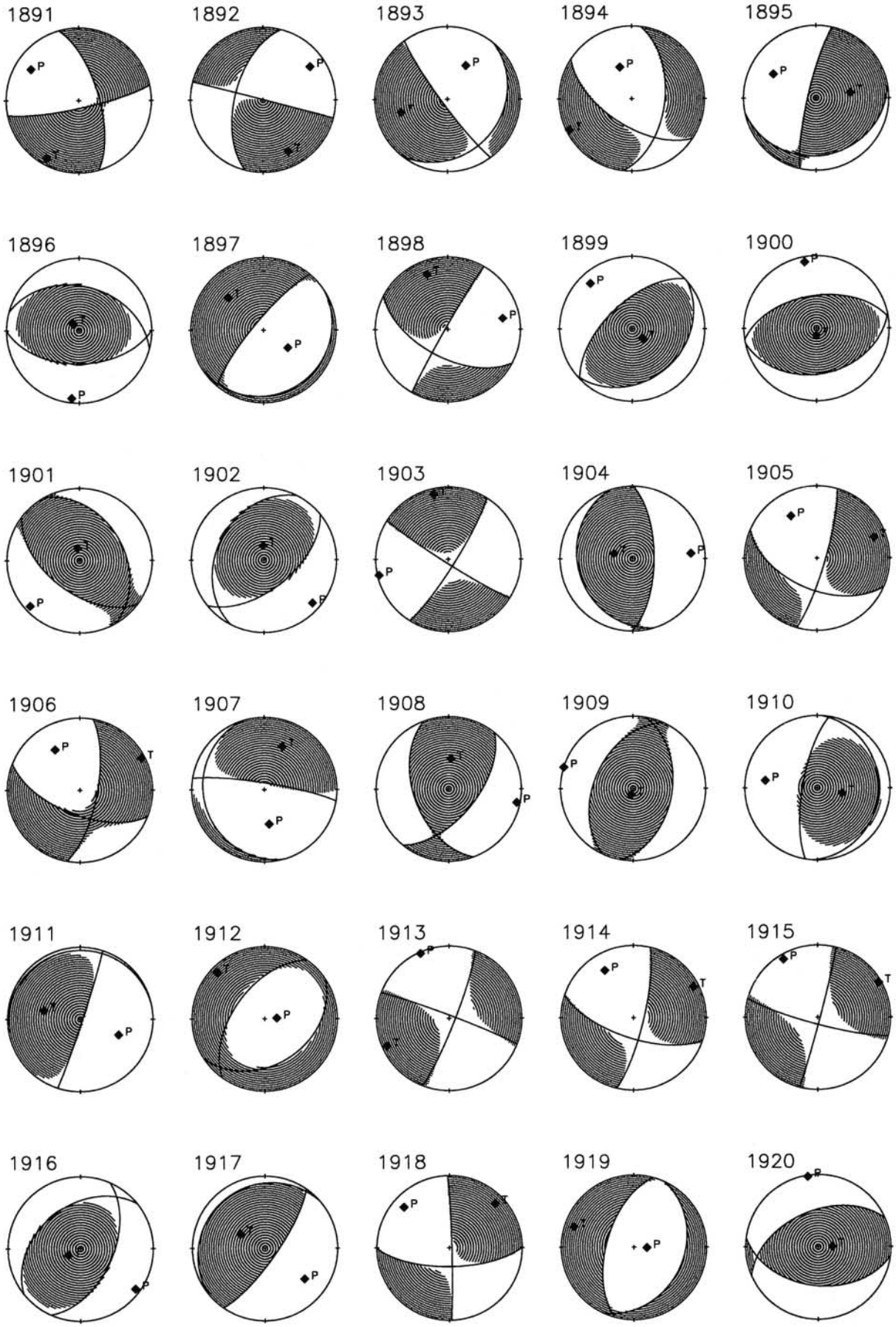


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

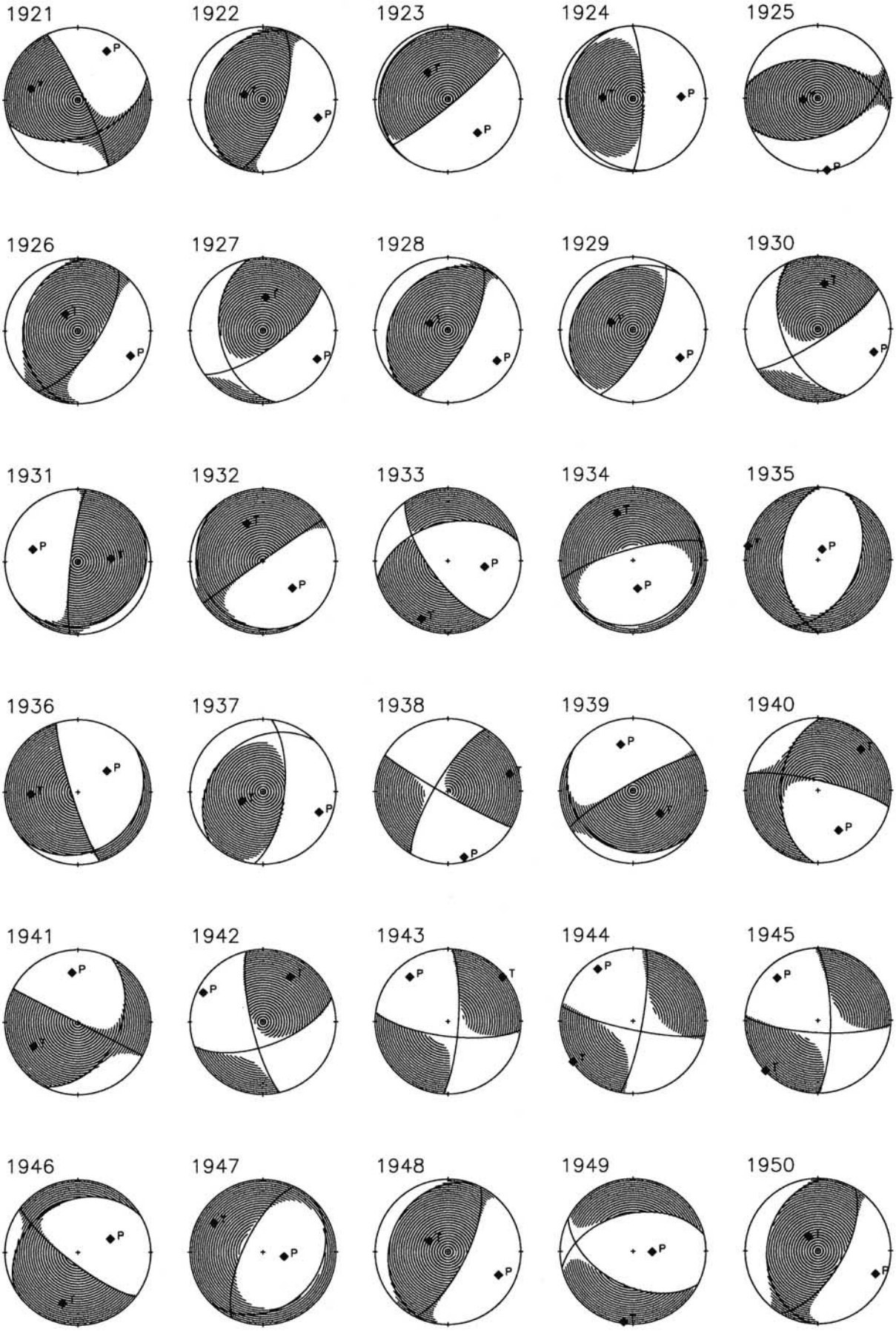


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

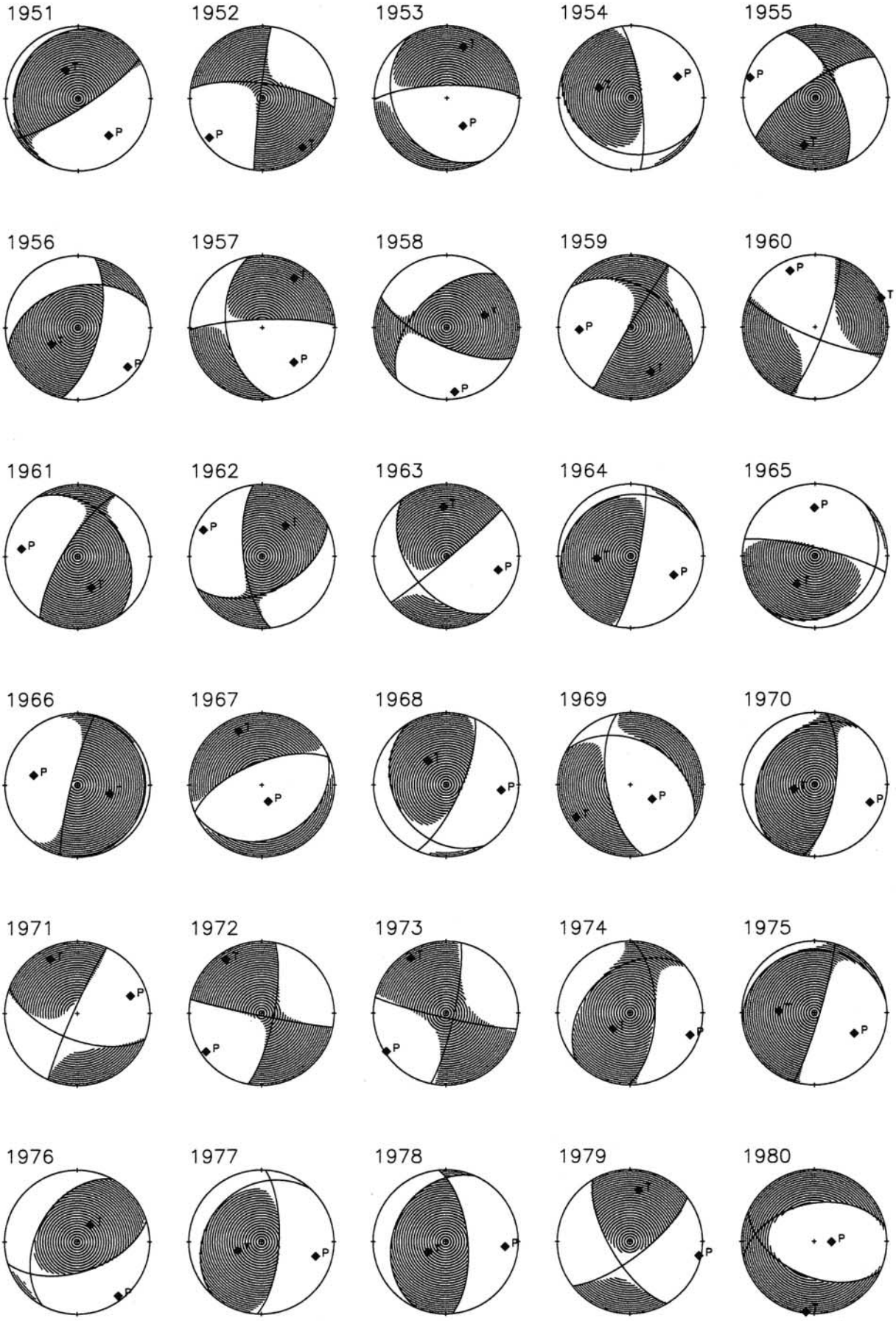


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

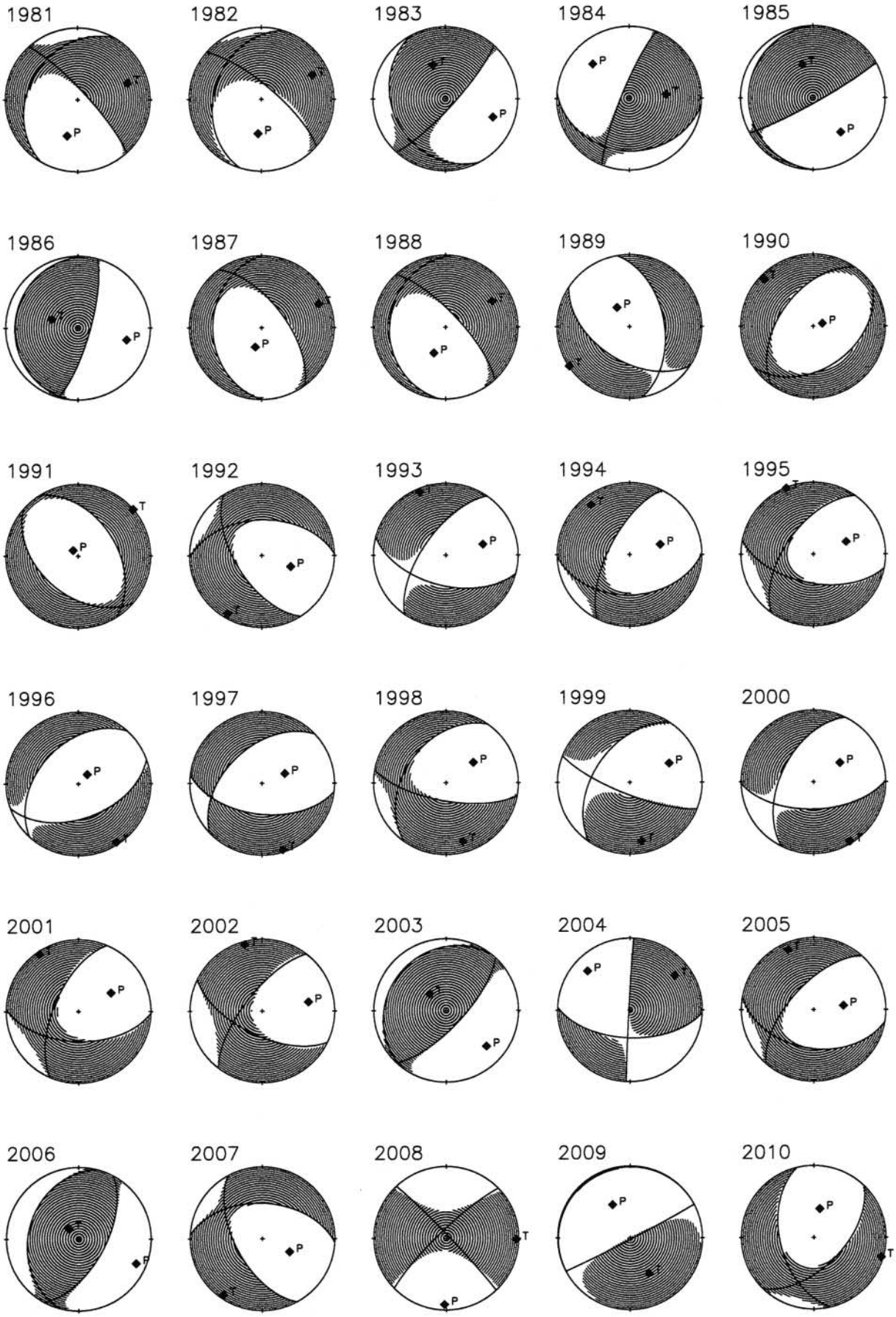


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

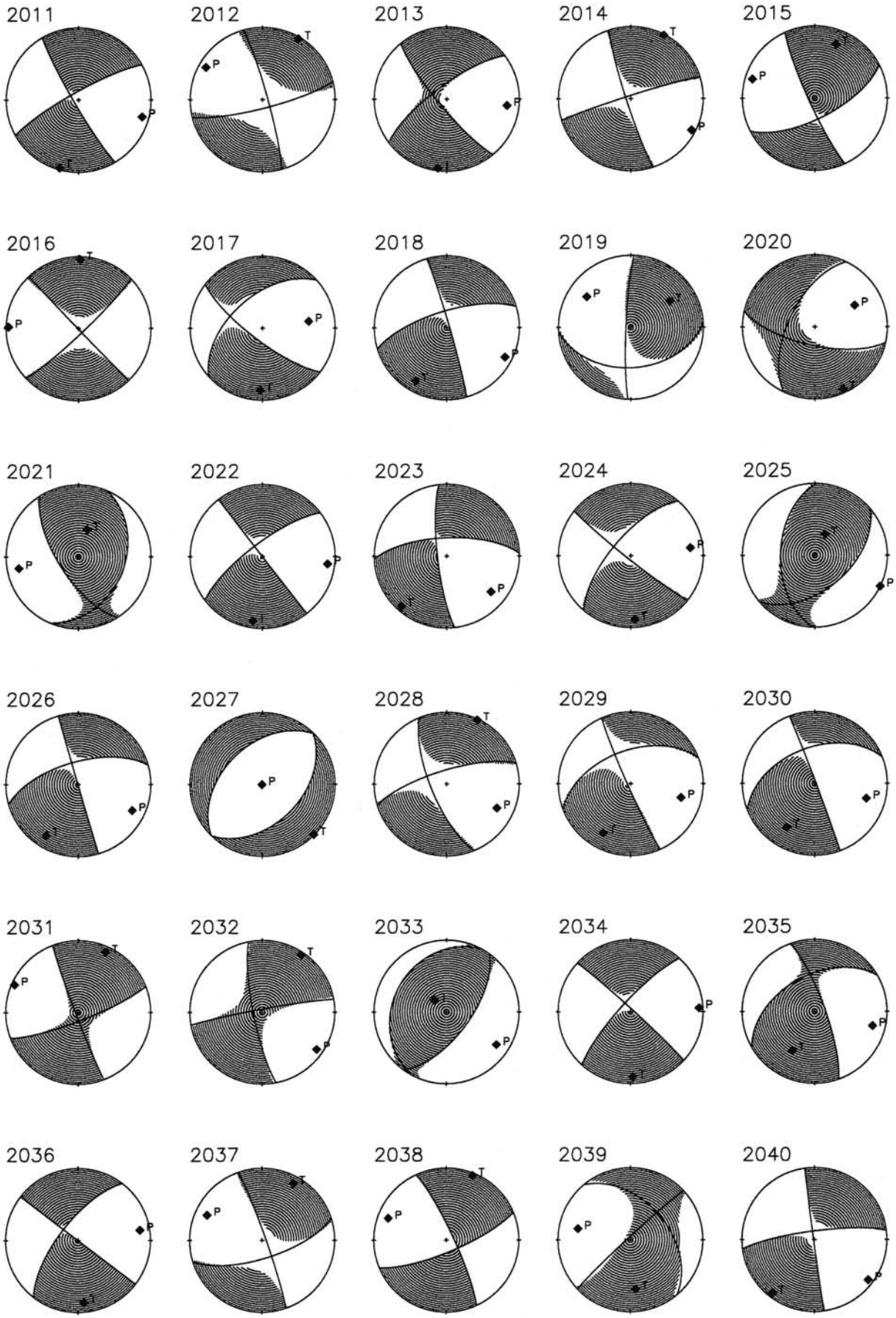


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

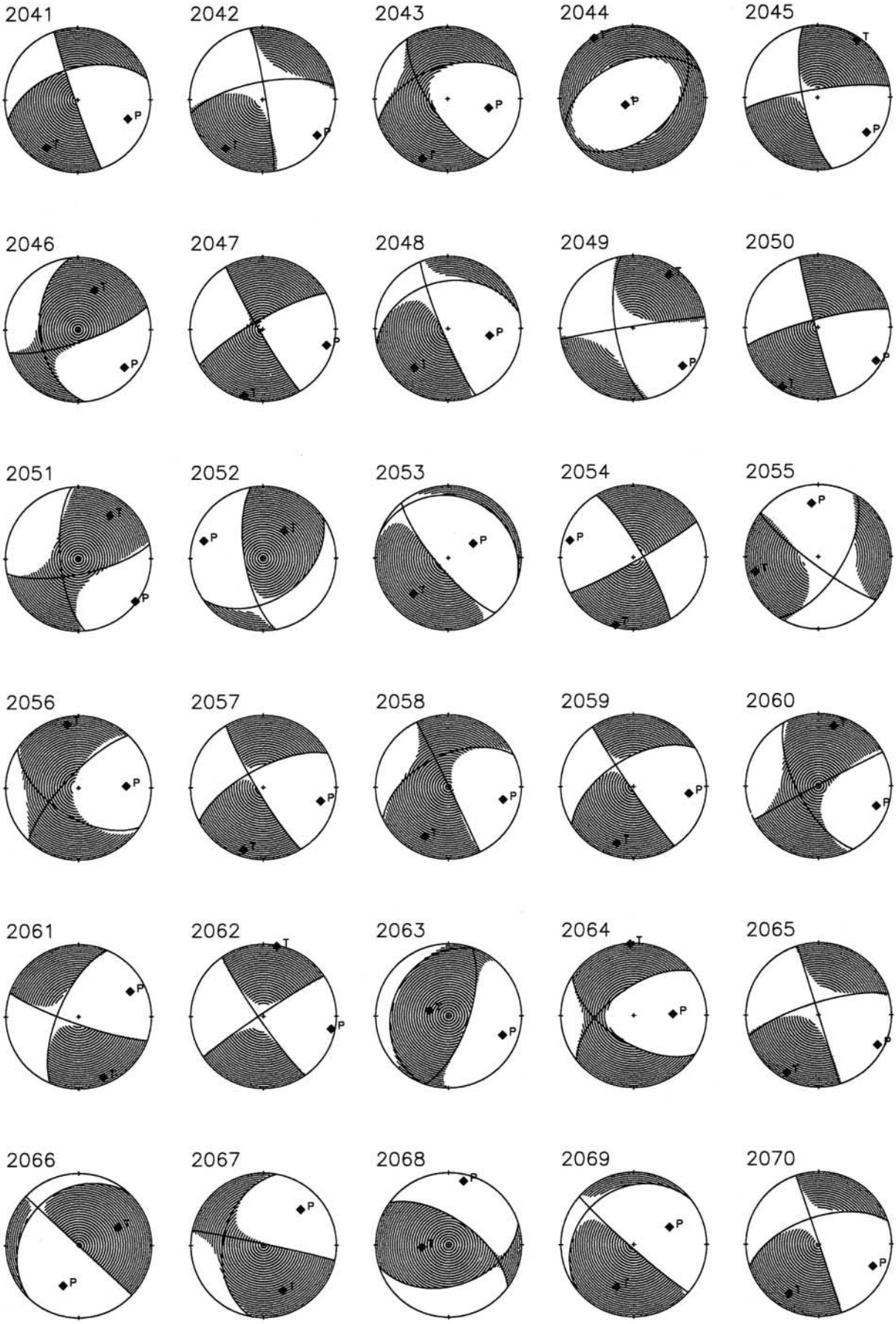


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

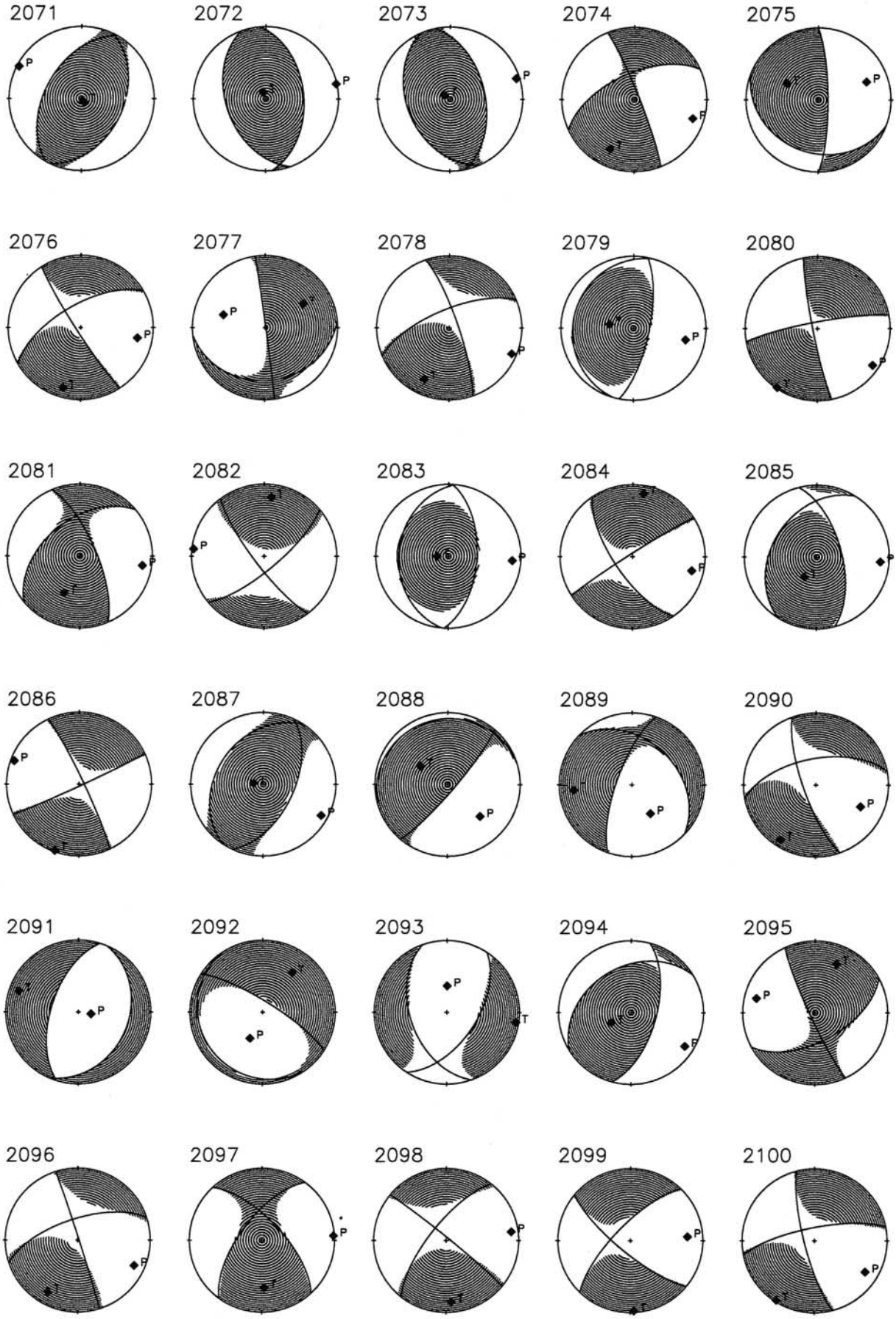


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

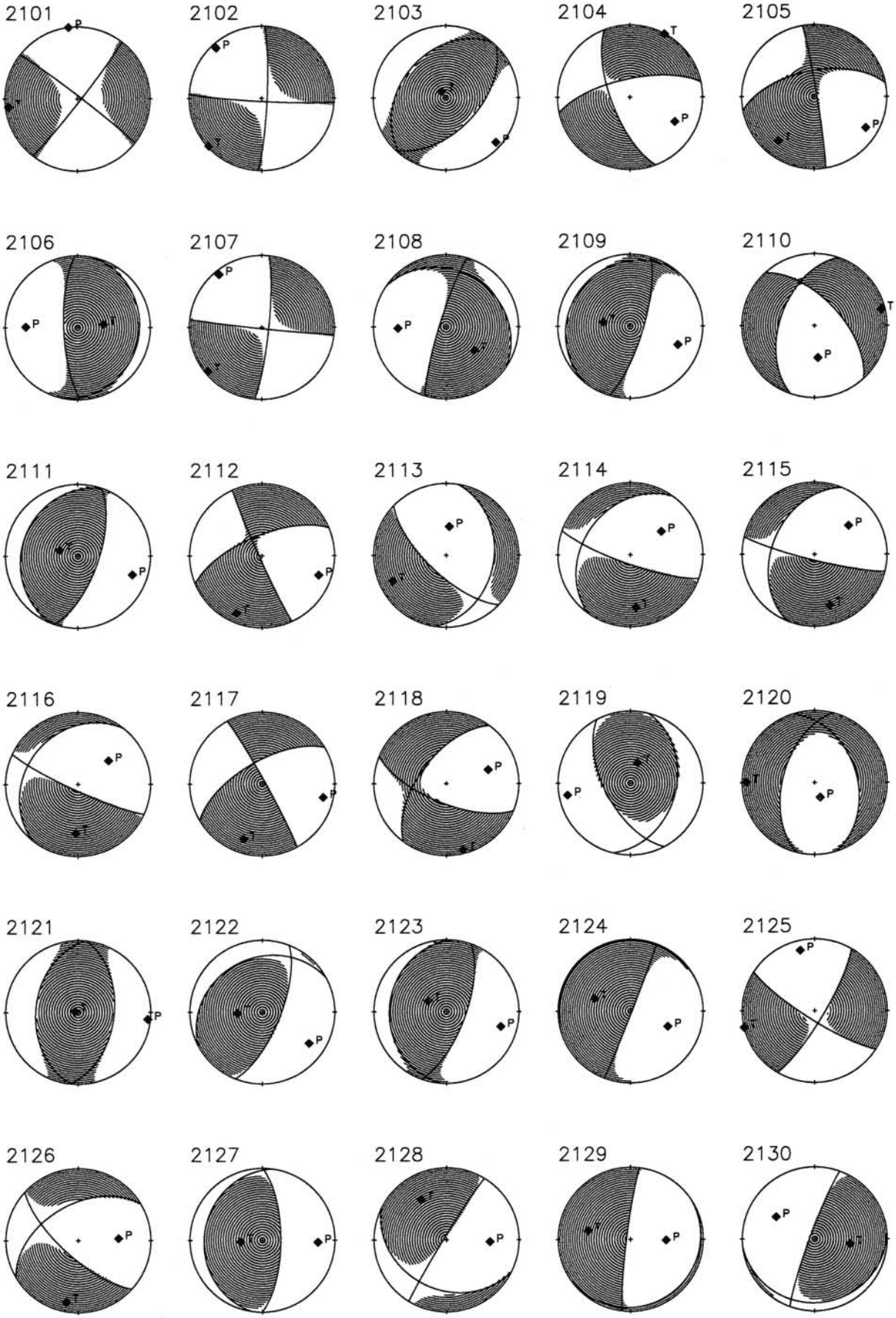


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

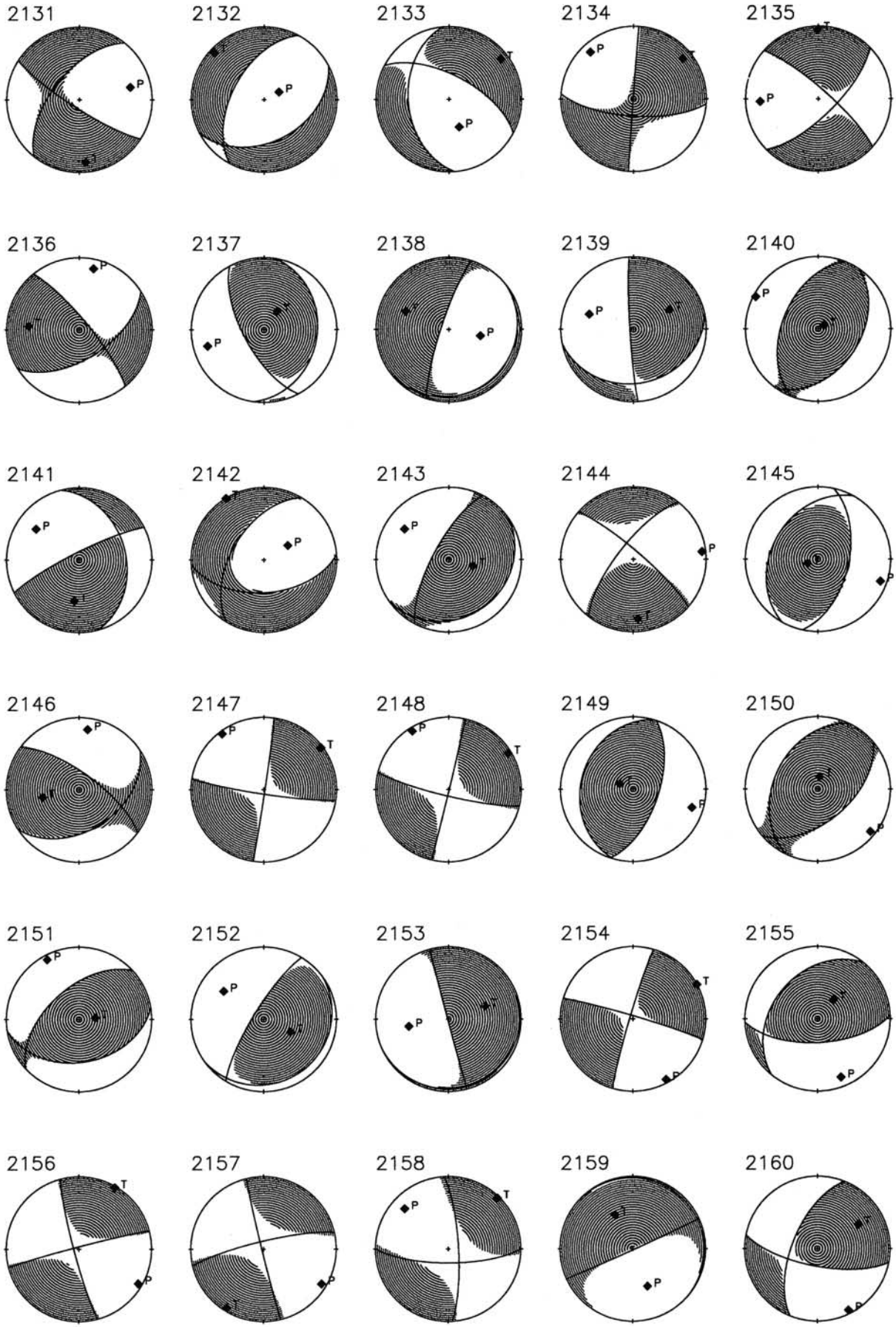


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

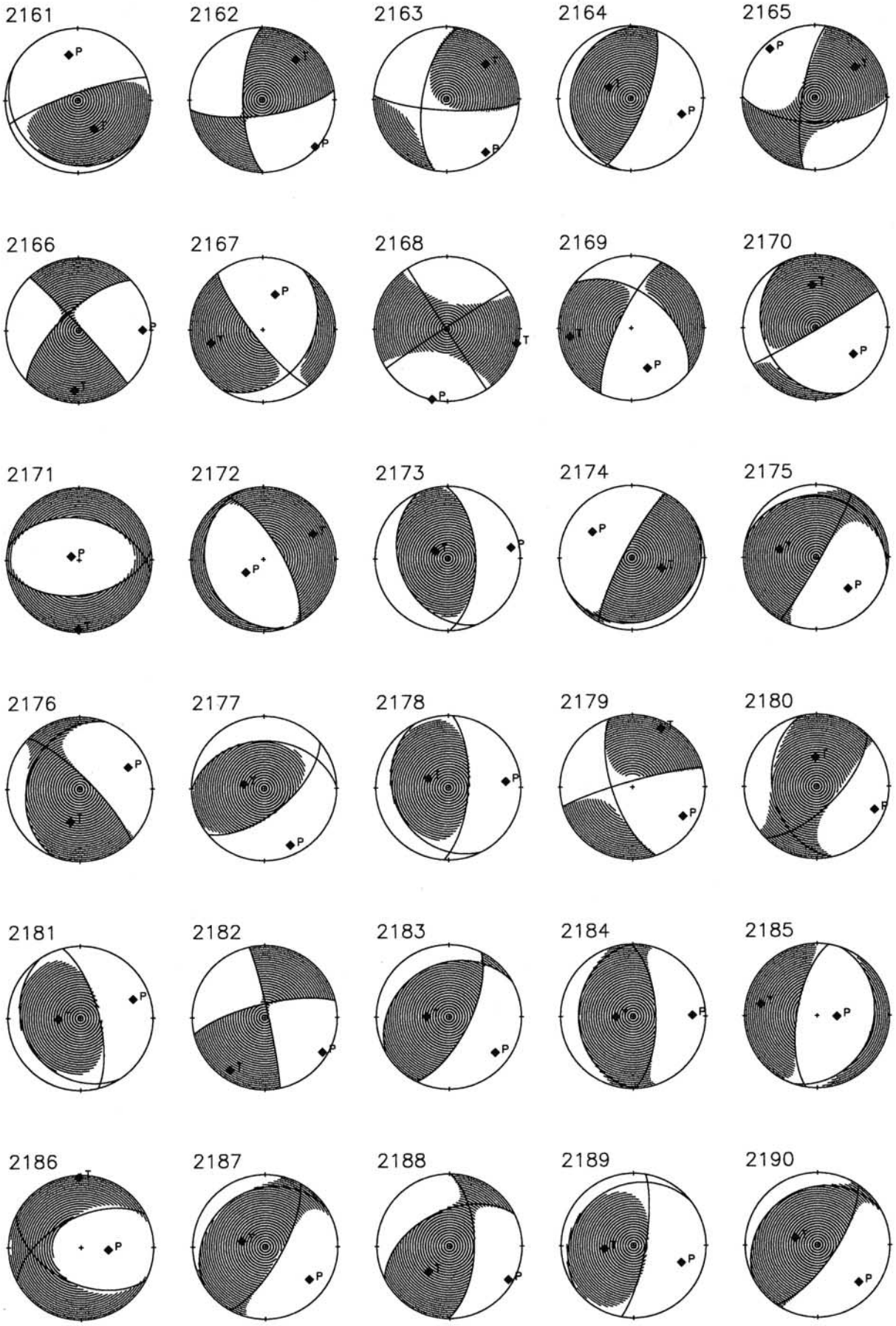


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

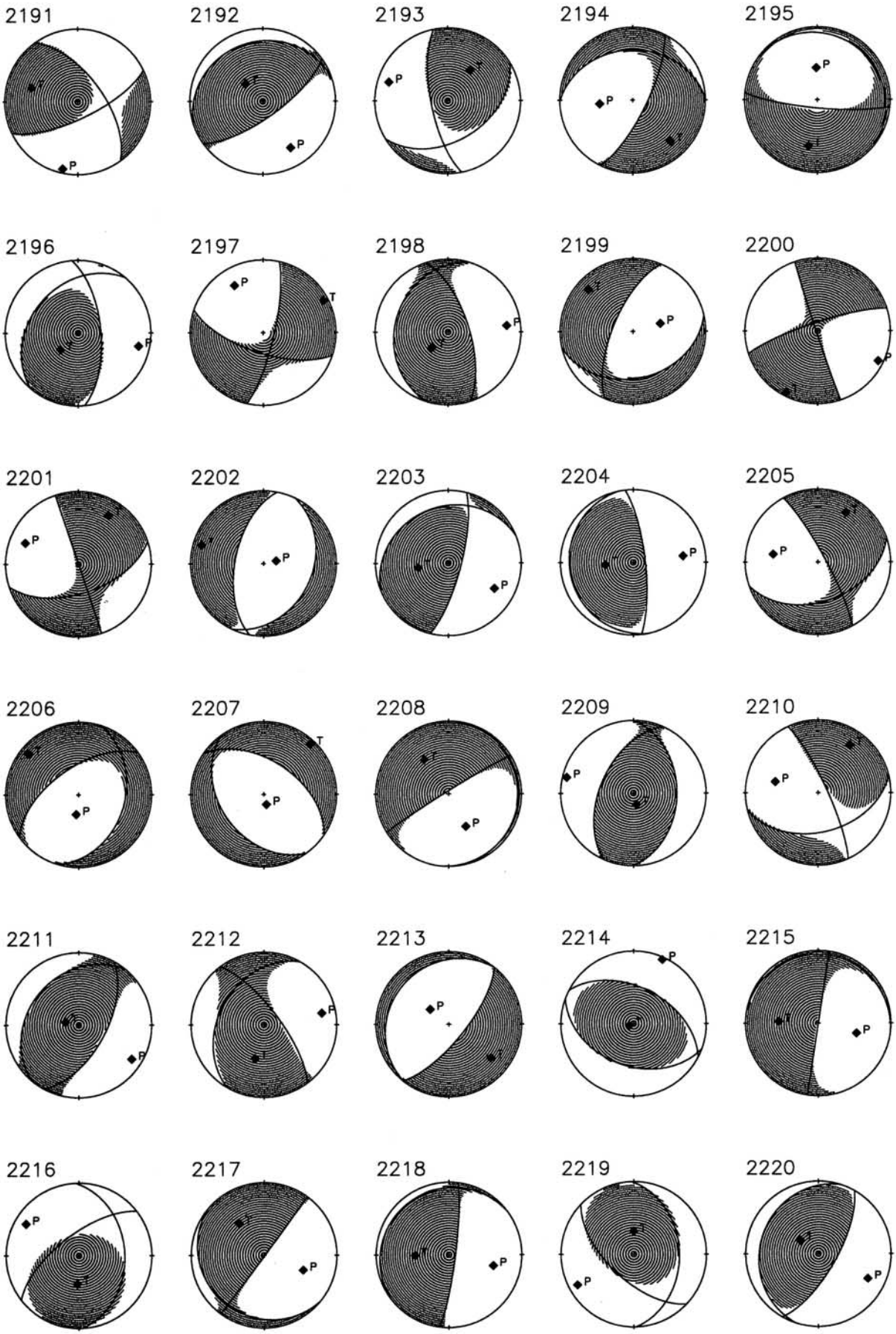


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

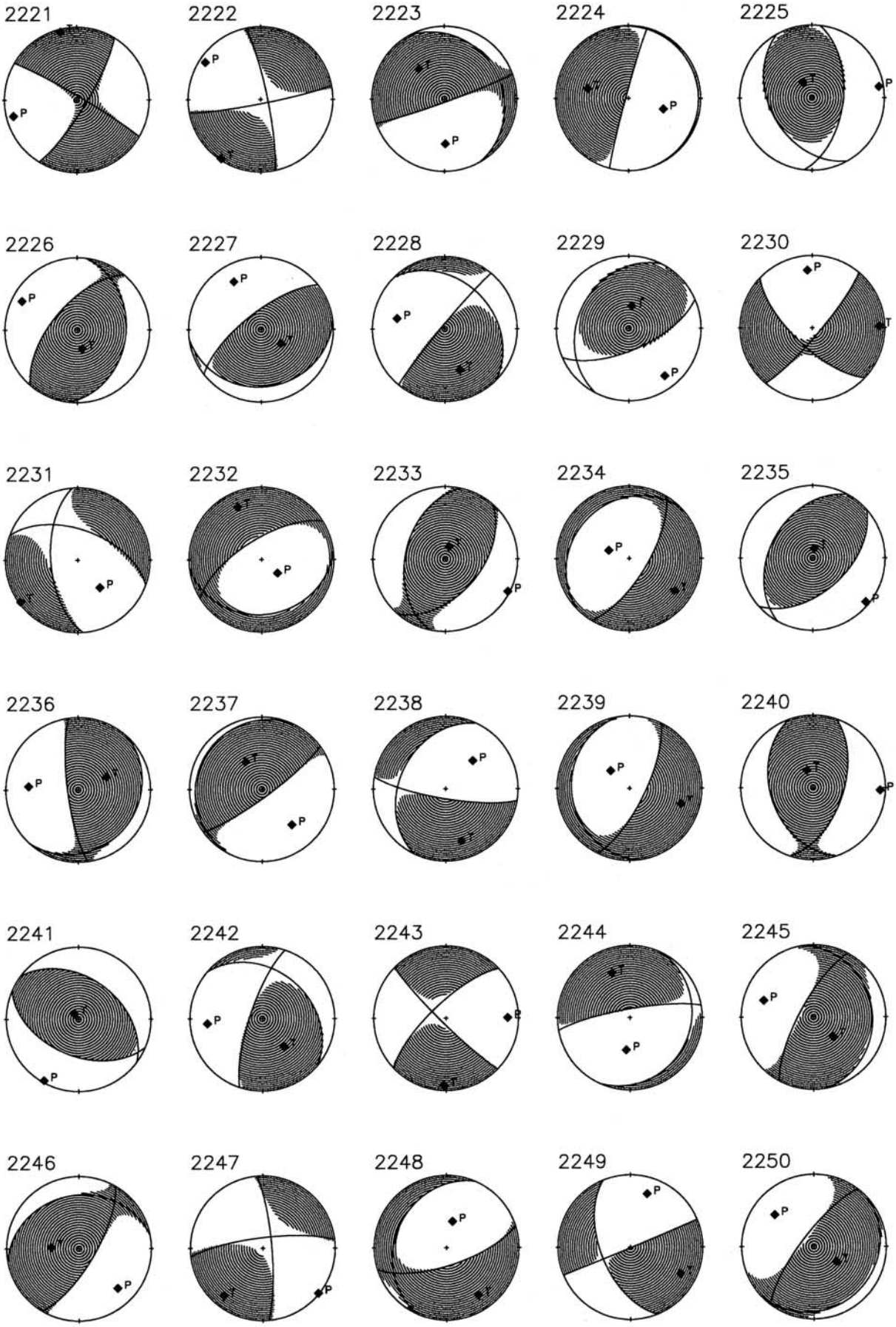


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).

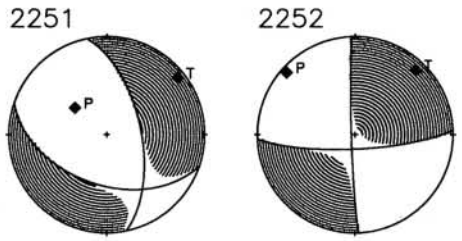


Fig. 3 : Estimated moment tensors plotted in the lower hemisphere (continued).