

Supplementary data for the article:

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## **Influence of various concentrations of 24-epibrassinolide on the kinetic parameters during isothermal dehydration of two maize hybrids**

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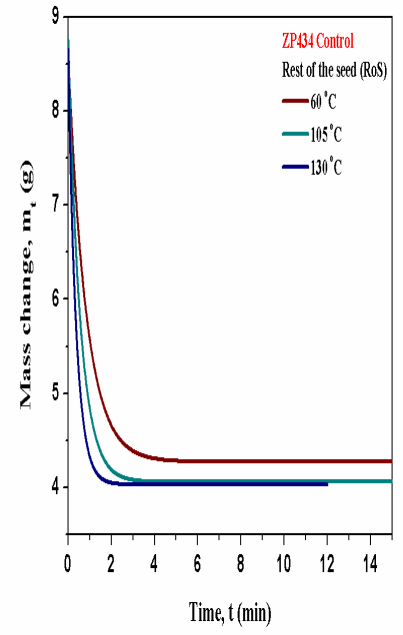
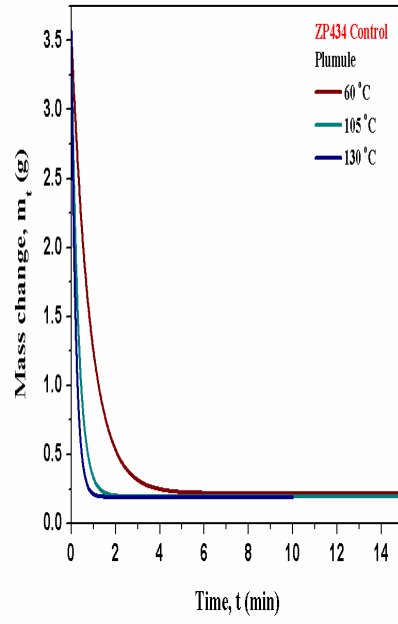
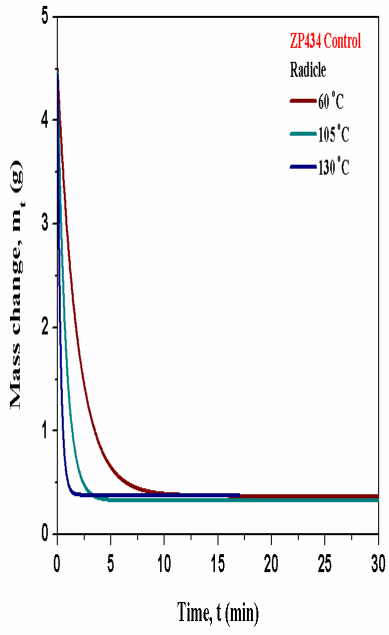
### **Content of Supplementary Material:**

**Fig. S.1.** Isothermal mass loss experiments ( $\Delta T = 60 - 130$  °C) for dehydration process of the control samples for the ZP434 and ZP704 hybrid maize systems, including all seedling parts: radicle ((a), (d)), plumule ((b), (e)), and RoS ((c), (f)), respectively.

**Fig. S.2.** Isothermal mass loss experiments ( $\Delta T = 60 - 130$  °C) for dehydration process of ZP434 (red designations) and ZP704 (blue designations) hybrids, including all seedling parts, treated with various concentrations of 24-EBL ( $5.20 \times 10^{-9}$  M,  $5.20 \times 10^{-12}$  M, and  $5.20 \times 10^{-15}$  M, respectively).

**Fig. S.3.** Reduced time plots for selected reaction models, considering dehydration process for control samples of both maize hybrids.

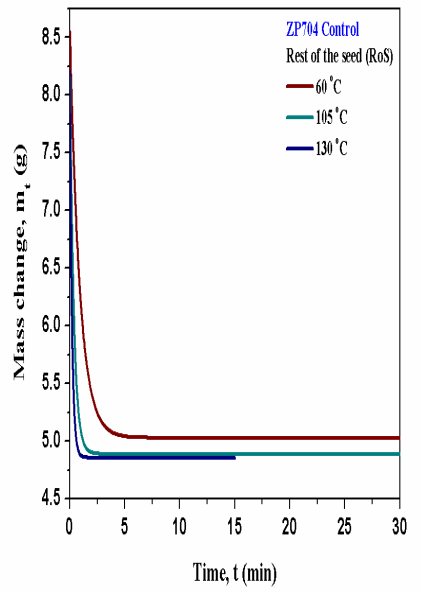
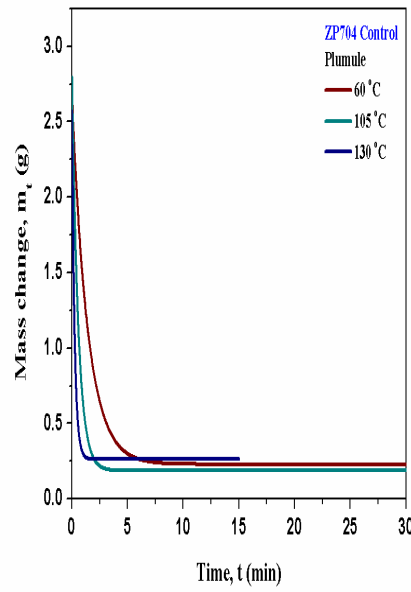
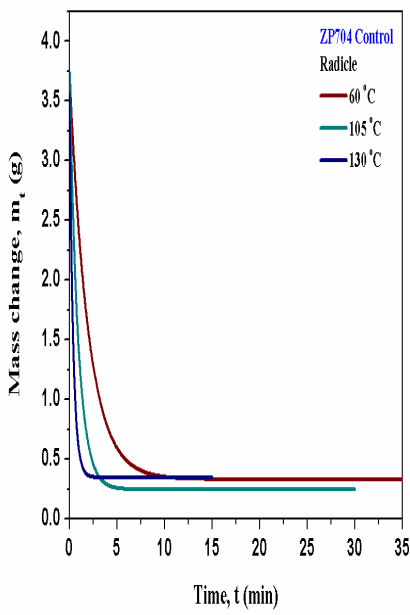
**Fig. S.4.** Reduced time plots for selected reaction models, including all seedling parts (radicle, plumule and RoS) treated with various concentrations of 24-EBL ( $5.20 \times 10^{-9}$  M,  $5.20 \times 10^{-12}$  M and  $5.20 \times 10^{-15}$  M).



**a**

**b**

**c**

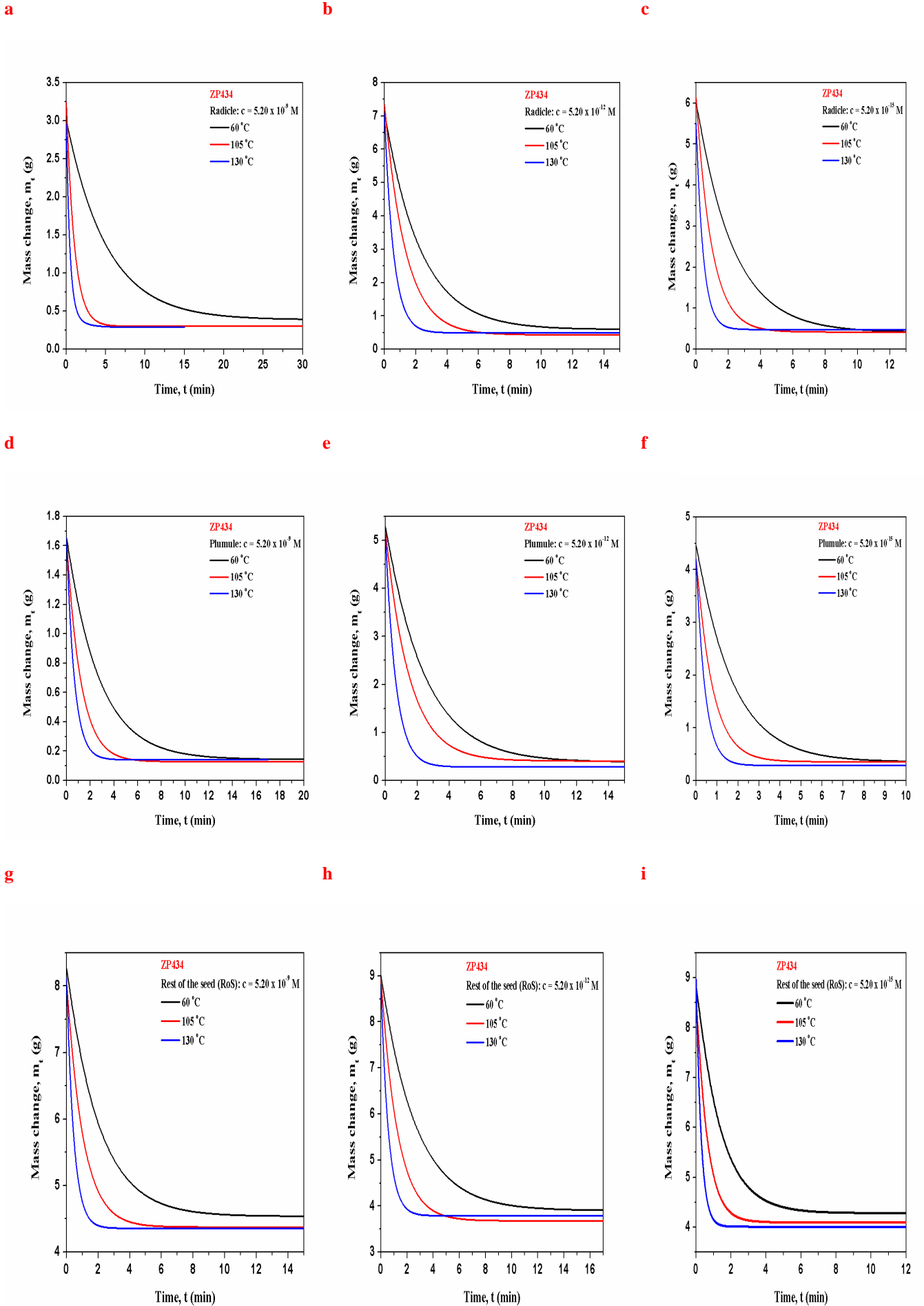


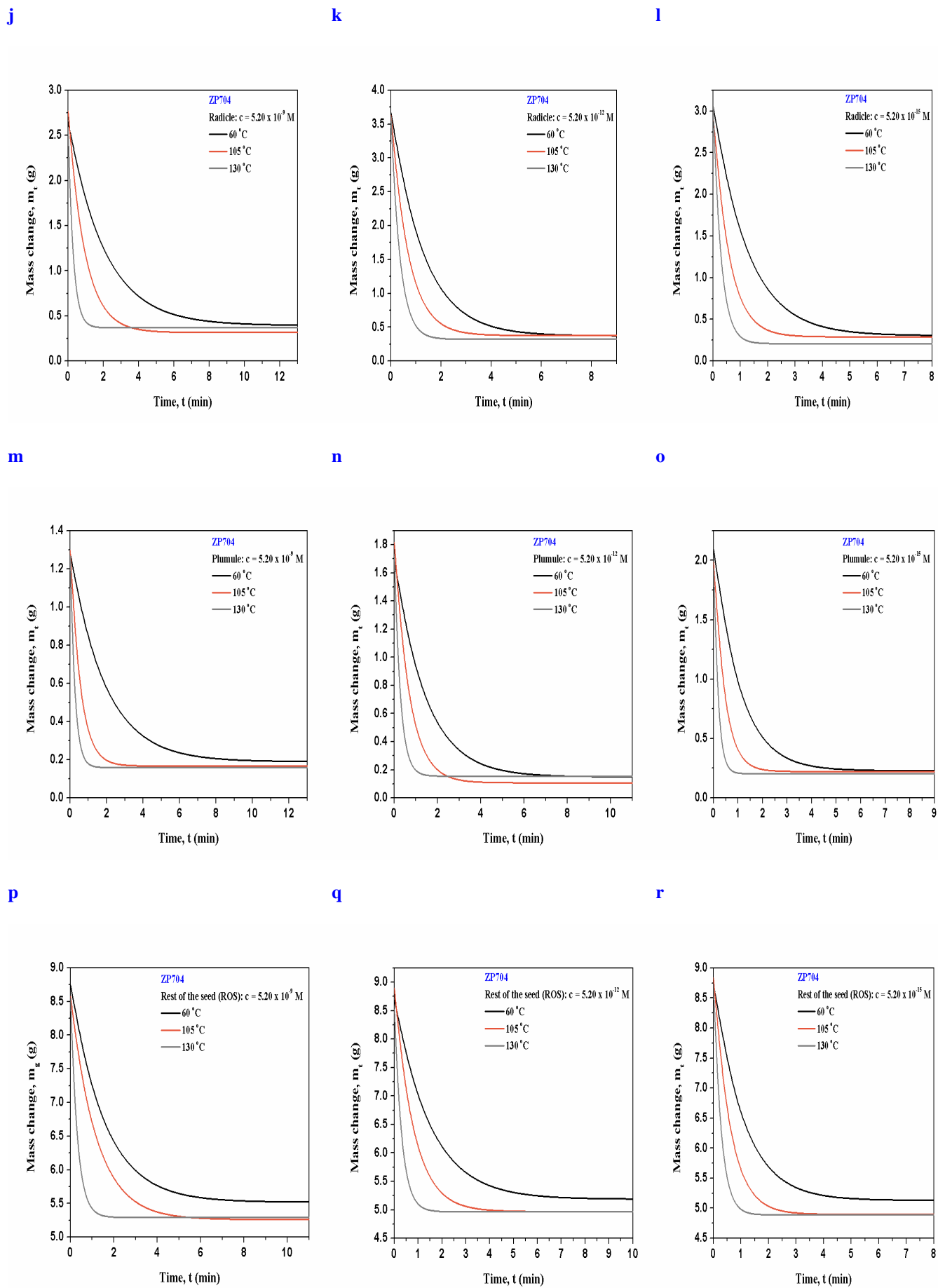
**d**

**e**

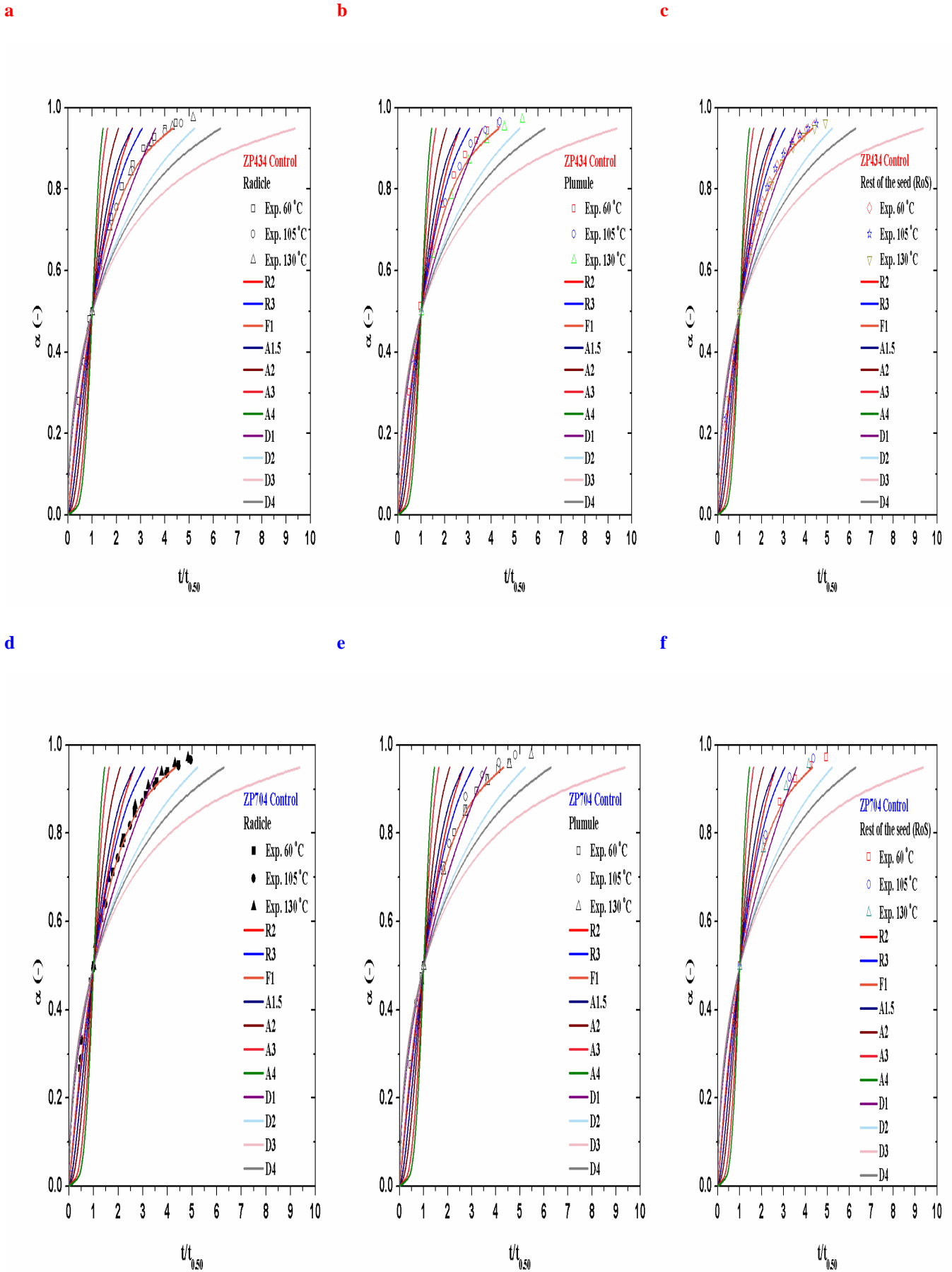
**f**

**Fig. S.1.**

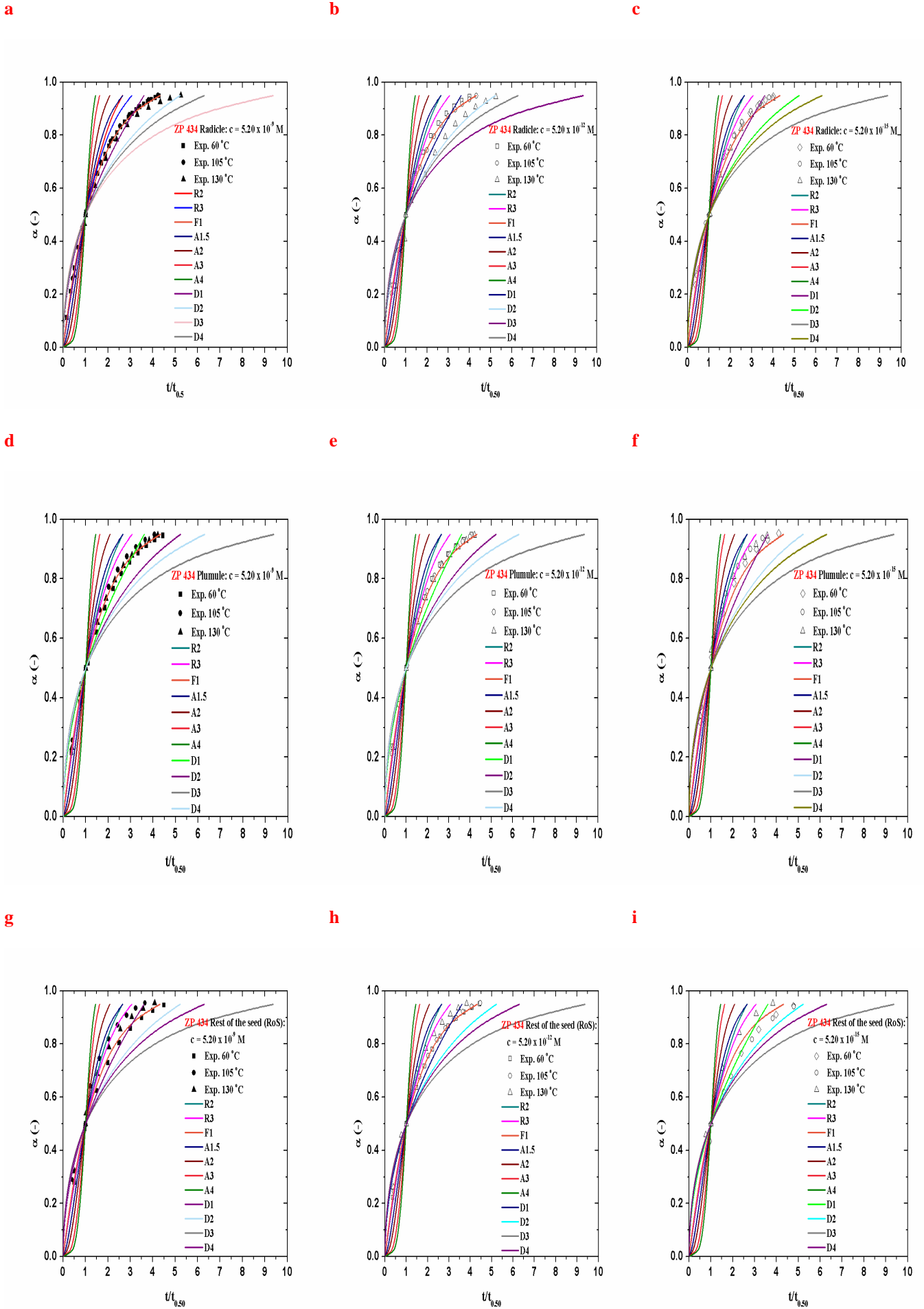


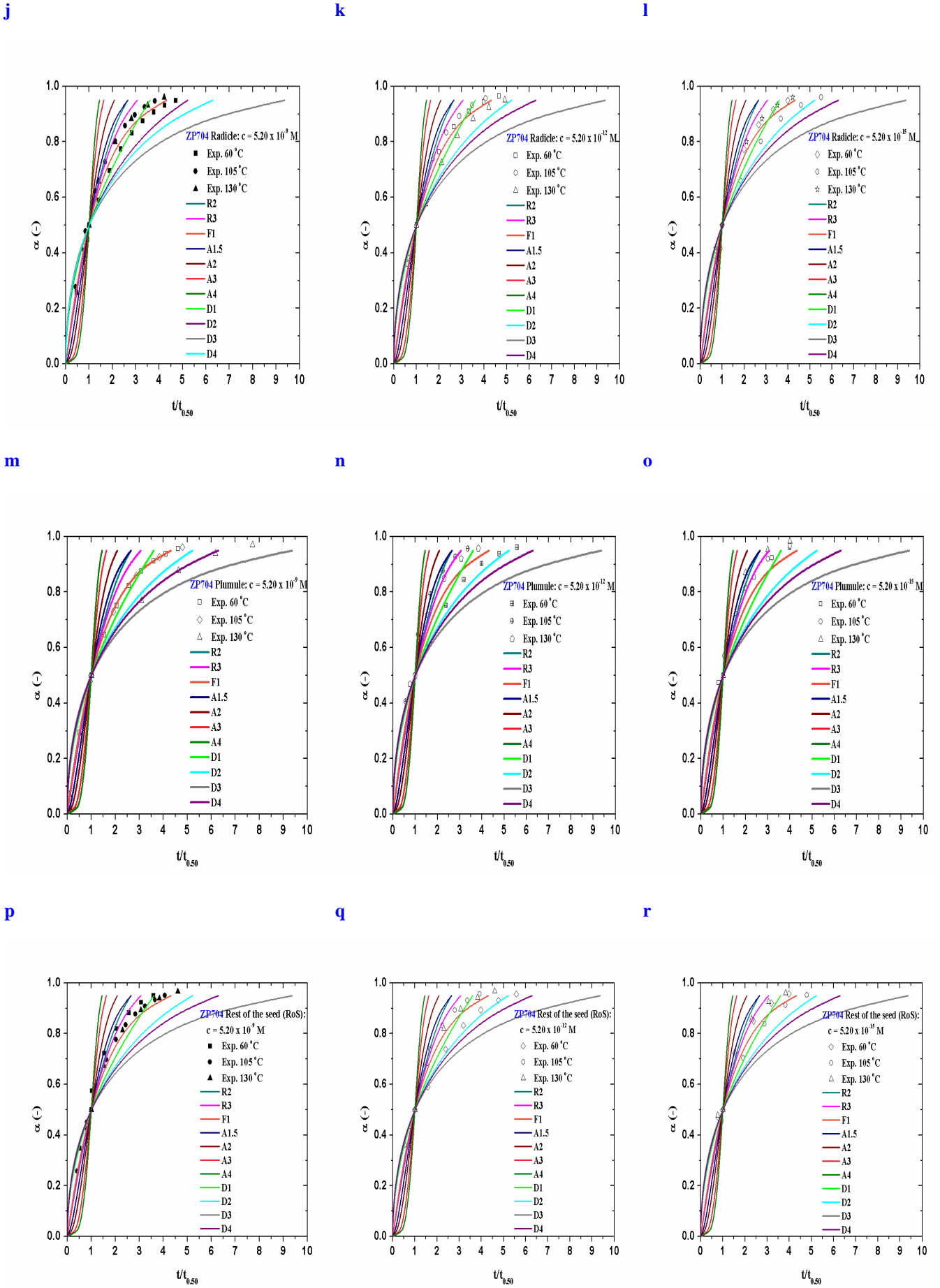


**Fig. S.2.**



**Fig. S.3.**





**Fig. S.4.**