



University of Groningen

Superfluid helium and cryogenic noble gases as stopping media for ion catchers

Purushothaman, Sivaji

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version Publisher's PDF, also known as Version of record

Publication date:

Link to publication in University of Groningen/UMCG research database

Citation for published version (APA):

Purushothaman, S. (2008). Superfluid helium and cryogenic noble gases as stopping media for ion catchers. s.n.

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): http://www.rug.nl/research/portal. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

Download date: 12-11-2019

List of Tables

4.1	Isotopes in the ²²³ Ra decay chain and their properties	45
4.2	Example of the typical energy loss experienced by alpha particles in our experiments at temperatures 1.2 K and 1.6 K	47
5.1 5.2	Reduced mobility of 219 Rn ion in helium, neon and argon gases Reduced mobility in the limit of vanishing electric field strength $\mu_{red}(0)$ of ions with comparable masses to 219 Rn in helium, neon and argon	73
5.3	gases	
6.1	peratures T [39, 40, 41, 122]	76
	perfluid helium.	85