

⁴¹Al

In the 2002 article “New neutron-rich isotopes, ³⁴Ne, ³⁷Na and ⁴³Si, produced by fragmentation of a 64A MeV ⁴⁸Ca beam” Notani et al. observed ⁴¹Al (2002No11). The RIKEN ring cyclotron accelerated a ⁴⁸Ca beam to 64 MeV/nucleon which was then fragmented on a tantalum target. The projectile fragments were analyzed with the RIPS spectrometer. The observation of ⁴¹Al was not explicitly mentioned because its discovery was attributed to a previous publication of a conference proceeding (1997Sa14). In the two-dimensional A/Z versus Z plot for the ⁴⁰Mg Bρ setting events for ⁴¹Al can clearly be identified.

Adapted from reference (2012Th10)

- 1997Sa14 H. Sakurai, N. Aoi, D. Beaumel, N. Fukuda *et al.*, Nucl. Phys. A **616**, 311 (1997).
2002No11 M. Notani, H. Sakurai, N. Aoi, Y. Yanagisawa *et al.*, Phys. Lett. B **542**, 49 (2002).
2012Th10 M. Thoennessen, At. Data Nucl. Data Tables **98**, 933 (2012).

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