

## <sup>257</sup>Md

Sikkeland et al. reported the observation of <sup>257</sup>Md in 1965 in “Decay properties of the nuclides fermium-256 and -257 and mendelevium-255, -256, and -257” (1965Si14). A californium target was bombarded with <sup>11</sup>B, <sup>12</sup>C, and <sup>13</sup>C beams with a maximum energy of 10.5 MeV/u from the Berkeley heavy-ion linear accelerator HI-LAC. Alpha-particles and spontaneous fission were measured with a 20-sample solid-state detection device and two Frisch-grid ionization chambers. “The 3-h component of the 7.07- and 7.24-MeV alpha groups was assigned to the previously unobserved isotope Md<sup>257</sup>.”

Adapted from reference (2013Th02)

1965Si14 T. Sikkeland, A. Ghiorso, R. Latimer, and A. E. Larsh, Phys. Rev. **140**, B277 (1965).

2013Th02 M. Thoennessen, At. Data Nucl. Data Tables **99**, 312 (2013).

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