

## <sup>250</sup>Md

Eskola discovered <sup>250</sup>Md in the 1973 paper “Studies of mendelevium isotopes with mass numbers 248 through 252” ([1973Es01](#)). <sup>12</sup>C and <sup>13</sup>C beams with a maximum energy of 10.4 MeV/u from the Berkeley heavy-ion linear accelerator bombarded <sup>241</sup>Am and <sup>243</sup>Am targets. Recoil products were transported with a rapid flowing helium gas onto a wheel which periodically rotated in front of a series of Si-Au surface barrier detectors. “In bombardments of the <sup>243</sup>Am target with <sup>13</sup>C and <sup>12</sup>C ions, two new  $\alpha$  activities were observed: a 7.75-MeV, 52-sec activity which was assigned to <sup>250</sup>Md and a 7.55-MeV, 4.0-min activity assigned to <sup>251</sup>Md.”

Adapted from reference ([2013Th02](#))

[1973Es01](#) P. Eskola, Phys. Rev. C **7**, 280 (1973).

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

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