

## <sup>244</sup>Es

In 1973, Eskola et al. reported the discovery of <sup>244</sup>Es in “Two new isotopes of einsteinium, <sup>243</sup>Es and <sup>244</sup>Es” (1973Es02). A <sup>233</sup>U target was bombarded with <sup>15</sup>N ions from the Berkeley HILAC and the isotopes were produced in the fusion evaporation reactions <sup>233</sup>U(<sup>15</sup>N,5n)<sup>243</sup>Es and <sup>233</sup>U(<sup>15</sup>N,4n)<sup>244</sup>Es. The isotopes were identified from the excitation functions, and  $\alpha$ -spectra were measured. “The  $\alpha$ -particle group at 7.89 MeV has been assigned to <sup>243</sup>Es and that at 7.57 MeV to <sup>244</sup>Es.”

Adapted from reference (2011Me01)

1973Es02 P. Eskola, K. Eskola, M. Nurmia, and A. Ghiorso, Phys. Fenn. **8**, 357 (1973).

2011Me01 D. Meierfrankenfeld, A. Bury, and M. Thoennessen, At. Data Nucl. Data Tables **97**, 134 (2011).

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