

## $^{61}\text{Co}$

In 1947, Parmley and Moyer reported the first observation of  $^{61}\text{Co}$  in “Cobalt 61 Radioactivity” (1947Pa02). Enriched samples of  $^{61}\text{Ni}$  were bombarded by neutrons at the Crocker Laboratory 60-inch cyclotron at Berkeley. Beta-decay curves were measured following chemical separation and a half-life of 1.75(5) h was observed. “Chemical extractions showed this activity to belong to cobalt, and most likely to  $\text{Co}^{61}$ .”

Adapted from reference (2010Sz02)

1947Pa02 T. J. Parmley and B. J. Moyer, Phys. Rev. **72**, 82 (1947).

2010Sz02 T. Szymanski and M. Thoennessen, At. Data Nucl. Data Tables **96**, 848 (2010).

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