^{150}Nd(^{3}He,t) 2011Gu14

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	S. K. Basu, A. A. Sonzogni	NDS 114, 435 (2013)	1-Apr-2013

E=140 MeV/nucleon at RCNP facility. Measured triton spectra and $\sigma(\theta)$ using Grand-Raiden magnetic spectrometer. Deduced B(G-T) strengths. FWHM=33 keV.

^{150}Pm Levels

2011Gu14 state that most of the levels are associated with L=1 transitions.

E(level)†	B(G-T) strength	E(level)†	B(G-T) strength	E(level)†	B(G-T) strength
0		730 *10*	0.007 *2*	1370 *10*	0.013 *2*
110 *10*	0.133 *20*	860 *10*	0.007 *2*	1400 *10*	0.005 *1*
190 *10*	0.023 *4*	900 *10*	0.011 *2*	1580 *10*	0.020 *4*
280 *10*	0.013 *2*	1000 *10*	0.006 *2*	1680 *10*	0.019 *3*
400 *10*	0.016 *3*	1140 *10*	0.007 *2*	1830 *10*	0.022 *4*
500 *10*	0.013 *3*	1230 *10*	0.006 *2*	1950 *10*	0.004 *1*
590 *10*	0.009 *2*	1270 *10*	0.015 *2*		
670 *10*	0.009 *2*	1320 *10*	0.013 *2*		

† From table I in 2011Gu14. The uncertainty may be 20 keV for some of the levels, as stated in footnote b in authors′ table I.