^{210}Pb(t,p) 1971El05

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	K. Auranen and E. A. Mccutchan	NDS 168, 117 (2020)	1-Aug-2020

1971El05: E(t)=20 MeV. Measured $\sigma(\theta)$ using magnetic spectrograph (FWHM=18 keV). Ground state Q value determined as 515 keV *25*.

^{212}Pb Levels

E(level)	J^{π}†	E(level)	J^{π}†	E(level)	E(level)
0.0		1820 *10*	(3^-)	3067 *10*	3526 *10*
806 *10*	(2^+)	2249 *10*		3140 *10*	3716 *10*
1117 *10*	(4^+)	2287 *10*		3174 *10*	3844 *10*
1277 *10*	(6^+)	2488 *10*		3256 *10*	4093 *10*
1335 *10*	(8^+)	2616 *10*		3285 *10*	

† Tentative assignments based on combined evidence of : 1) comparison of limited angular distributions to those of ^{208}Pb(t,p), 2) comparison between measured excitation energies and those in ^{210}Pb and 3) on relative transition strengths.