^{144}Nd(e,e′) 1993Pe10

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	A. A. Sonzogni	NDS 93, 599 (2001)	1-Dec-2000

E=100-400 MeV. Measured $\sigma(\theta)$, deduced level J, π and transition probabilities. Magnetic spectrograph, Resolution=12-30 keV.
IBM calculations and comparison with data can be found in another publication by the same group, 1993Pe05.

^{144}Nd Levels

E(level)	J^{π} †	B(EL)	E(level)	J^{π} †	B(EL)	E(level)	J^{π} †	B(EL)
696	2^+	0.46 *4*	2109	4^+	0.031 *4*	2779	3^-	0.044 *6*
1315	4^+	0.019 *3*	2218	6^+	0.0052 *18*	2839	3^-	0.0046 *9*
1510	3^-	0.256 *20*	2368	2^+	0.0238 *21*	2967	3^-	0.0081 *11*
2073	2^+	0.063 *3*	2451	4^+	0.0113 *17*	2986	4^+	0.0069 *12*
2093	5^-	0.009 *3*	2527	2^+	0.035 *3*	3053	5^-	0.013 *3*

† From $\sigma(\theta)$ following DWBA calculations, as given by authors.