^{86}Sr(d,α) 1972Bu32

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	F. G. Kondev	NDS 110,2815 (2009)	30-Sep-2009

^{84}Rb Levels

E(d)=11.62 MeV. Enriched to 96.8 % in ^{86}Sr target. Magnetic spectrograph, FWHM=15 keV and Si detector. Same experimental results also reported in 1970Bu12 and 1977Bu20.

E(level)†	J^{π}‡	L‡	E(level)†	J^{π}‡	L‡	E(level)†	J^{π}‡	L‡
0	2^-	3	605 7	$(3^+,4^+,5^+)$	(4)	1066 7	$(1^+,2^+,3^+)$	(2)
240 7	$1^+,2^+,3^+$	2	677 7	$2^-,3^-,4^-$	3	1160 7	$2^-,3^-,4^-$	3
470 7			941 7	$2^-,3^-,4^-$	3	1218 7	(1^+)	(0)
534 7			990 7	1^+	0			

† Only the statistical uncertainties are quoted in 1972Bu32.
‡ From 1972Bu32. L values are deduced from DWBA analysis.