

$^{87}\text{Rb}(^3\text{He,d})$ 1975Sc19

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	E. A. Mccutchan and A. A. Sonzogni		NDS 115, 135 (2014)	1-Nov-2013

 ^{88}Sr Levels

$J^\pi(\text{target})=3/2^-$.

$E=33.3$ MeV. Measured $\sigma(\theta)$ for $\theta=2.5^\circ-45^\circ$ using magnetic spectrometer and ΔE -E telescope consisting of a proportional counter and plastic scintillator (FWHM=35 keV); DWBA analysis.

E(level)	L^{\ddagger}	C^2S^\dagger
0	1	3.0
1836	1	0.38
2734	4	0.55
3155	1	0.20
3220	1	0.30
3489	1	0.32
3587	4	0.25
3.63×10^3	1	0.04
3955	4	0.37
4020	4	0.43

† From DWBA analysis.

‡ From $d\sigma/d\Omega_{\text{exp}}=4.42 \cdot [(2J_B+1)/(2J_A+1)] \cdot C^2S^\dagger \cdot [\sigma_{\text{DWBA}}/(2J+1)]$, where $J_{B(A)}$ refer to the final (initial) nucleus and J the total angular momentum.