
 $^{90}\text{Zr}(\text{d},^6\text{Li})$ **1984Va31**

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Alexandru Negret, Balraj Singh		NDS 124, 1 (2015)	30-Nov-2014

1984Va31 (also **1985VaZV**, **1983VaZH**): E=45 MeV and 55 MeV. Enriched target. Magnetic spectrometer, FWHM=70-100 keV. Measured $\sigma(\theta)$, $\theta=6^\circ-26^\circ$. DWBA analysis.

 ^{86}Sr Levels

E(level)	$L^\dagger$	$S_\alpha^\ddagger$
0	0	0.08
1080 20	2	0.05
1860 20	2	0.05
2200 [#] 20	(0+4) [#]	0.03, 0.09 [#]
2480 20	3	0.19

[†] From DWBA analysis.

[‡] Spectroscopic strength $S_\alpha=(2L+1)(d\sigma/d\Omega)_{\text{exp}}/(d\sigma/d\Omega)_{\text{DWBA}}$ at E=45 MeV. These values depend strongly on the optical-model parameters and should therefore be treated only as relative values.

[#] Unresolved triplet of 2100, 2200 and 2230 levels.