

$^{59}\text{Co}(^3\text{He},\alpha)$ 1972Sc13

Type	Author	Citation	History	Literature Cutoff Date
Full Evaluation	C. D. Nesaraja and B. Singh	ENSDF		31-Oct-2015

1972Sc13: E=18 MeV. Measured $\sigma(E)$ at 15° and 30°, FWHM \approx 16 keV.
 For 2692 level with $J^\pi=(7^+)$, σ is six times larger than for any other level seen.

 ^{58}Co Levels

E(level)	E(level)	E(level)	E(level)
0.0	1778	2733	3488
25	1811	2742	3526
54	1827	2849	3548
111	2007	2884	3639
370	2071	2946	3688
455	2166	3007	3783
882	2225	3044	3799
1040	2242	3072	3909
1050?	2339	3090	3930
1073	2456	3127	3946
1182	2477	3159	4093
1233?	2524	3221	4127
1414	2605	3243	4179
1512	2624?	3279	4196
1546	2631	3402	4316
1729	2692	3422	4400