
 $^{54}\text{Cr}(^3\text{He},\alpha)$ **1969Da02,1978Fo34**

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Huo Junde	NDS 110,2689 (2009)	31-Mar-2007

1969Da02: E=18 MeV, FWHM $\approx$ 60 keV, $\sigma(E,\theta)$, DWBA analysis.

1978Fo34: E=25 MeV, FWHM=20-25 keV, $\sigma(E,\theta)$, DWBA analysis.

All data are from **1969Da02**, except as noted.

 ^{53}Cr Levels

E(A),S(A) From **1978Fo34**.

E(level)	L	C ² S	Comments
0	1	1.1	
580 20	1	0.26	
1025 20	3	0.90	C ² S: 0.49 (1969Da02).
1298 20	3	0.48	C ² S: 0.45 (1969Da02).
1540 20	3	3.36	C ² S: 3.0 (1969Da02).
2790 20	3	0.08	
3342 20	3	1.15	C ² S: 0.93 (1969Da02).
3440 20	3	0.35	C ² S: 0.37 (1969Da02).
3600 20	1	0.15	
3710 20	4	0.14	
3840 20		0.09	
3990 20	1	0.06	
4230 20	2	0.56	C ² S: 0.22 (1969Da02).
4340 20	3	0.11	
4430 20	0	1.1	
4540 20	3	0.15	
4710 20	2	0.96	
5550 20	3	0.18	
10650 20	3	1.3	E(level): IAS of the ^{53}V g.s. $7/2^-$.
12520 20	0	0.39	
12590 20	2	1.13	