

$^{73}\text{Ge}(\text{d,p})$ 1983DoZV

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh, Ameenah R. Farhan		NDS 107, 1923 (2006)	30-Apr-2006

E=6 MeV.

$\sigma(\theta)$ measurements. DWBA calculations. Spectroscopic strengths deduced and compared with predictions of rotational and vibrational models. Also by the same group 1985DoZZ.

Other: see below.

1980VeZV: E=12 MeV. No details available.

1968Ne06: E=6.5 MeV. Resolution=1%.

1964Za04: E=13.6 MeV. Only first two levels populated.

 ^{74}Ge Levels

$J^\pi(\text{target})=9/2^+$.

E(level) [†]	L	(2J+1)S	E(level) [†]	L	(2J+1)S	E(level) [†]	L	(2J+1)S
0	4	0.45	3603 5			4824 5	0	0.015
596 4	4+2	0.63,0.053	3654 5	(0)	0.007	4874 5		
1140? [‡]			3711 5	4	1.7	4981 5		
1464 5	2	0.037	3751 5			5062 5	0	0.032
1910? [‡]			3841 5	1	0.12	5147 5	0	0.047
2190? [‡]			3992 5			5323 5	0	0.034
2490? [‡]			4069 5	1	0.17	5440? [‡]		
2536 5			4119 5	1	0.12	5617 5		
2574 5			4176 5	1	0.087	5717 5		
2672 5			4242 5	2	0.079	5787 5		
2695 5			4353 5			5850 5		
2844 5	1	0.098	4387 5	(2)	0.060	5930? [‡]		
2933 5	1	0.077	4416 5	2	0.10	6020? [‡]		
3119 5	1	0.26	4485 5			6190? [‡]		
3242 5	4	0.56	4544 5	0	0.020	6330? [‡]	(0)	
3293 5	1	0.16	4594 5	1	0.036	6530? [‡]		
3376 5	2	0.086	4628 5			6680? [‡]		
3508 5	2	0.19	4731 5	0	0.030			

[†] Uncertainty not given by authors. Evaluators estimate it to be ≈ 5 keV.

[‡] Reported by 1968Ne06 only. Treated as uncertain by evaluators.