

$^{74}\text{Ge}(\text{pol } d, d')$ 1978Sz08

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

E=16 MeV.

Resolution=70 keV. $\sigma(\theta)$ data from 30° to 145° in steps of 5° . Analyzing powers measured. DWBA and coupled-channel calculations. 1980No04 used coupled channel formalism to reanalyze data of 1978Sz08.

Other: 1985Se05. E=8, 16 MeV. Coupled channel calculations. Data on g.s. and 596 level.

 ^{74}Ge Levels

| E(level) [‡] | L | Comments |
|-----------------------|-------|---|
| 0 | | |
| 596 | 2 | $\beta=0.28$ (DWBA) (1978Sz08), 0.197 10 (CCBA) (1985Se05). |
| 1210 | 2 | |
| 1473 | 4 | |
| 1720 | (0) | |
| 2210 [†] | (4) | $\beta=0.06$ (CCBA). |
| 2546 | 3 | |
| 2680 [†] | (4) | $\beta=0.04$ (CCBA). |
| 2830 [†] | (2) | $\beta=0.045$ (CCBA). |
| 2960 [†] | (3) | $\beta=0.06$ (CCBA). |
| 3080 [†] | (3,4) | $\beta=0.06$ (CCBA). |
| 3160 [†] | (3) | $\beta=0.09$ (CCBA). |
| 3390 [†] | (4) | $\beta=0.056$ (CCBA). |
| 3510 [†] | (4) | $\beta=0.05$ (CCBA). |

[†] Weakly populated.

[‡] Uncertainty not given by authors. Evaluators estimate it as ≈ 20 keV for levels below 2.6 MeV and ≈ 30 keV for levels above this energy.