

Coulomb excitation 2005Pa23,2005Iw03

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Ameenah R. Farhan, Balraj Singh		NDS 110, 1917 (2009)	30-Jun-2009

2005Pa23: C($^{78}\text{Ge}, ^{78}\text{Ge}'\gamma$) E(^{78}Ge)=2.24 MeV/nucleon. Measured E γ , deduced B(E2).

2005Iw03: Pb($^{78}\text{Ge}, ^{78}\text{Ge}'\gamma$) E(^{78}Ge)=40 MeV/nucleon. Measured E γ , deduced B(E2).

 ^{78}Ge Levels

E(level)	J $^{\pi}$	T $_{1/2}$	Comments
0	0 $^{+}$		
619	2 $^{+}$	11.1 ps 7	B(E2) \uparrow =0.222 14 (2005Pa23) J $^{\pi}$: from Adopted Levels. B(E2) \uparrow : other: B(E2) \approx 0.2 (2005Iw03). T $_{1/2}$: deduced from B(E2).

 $\gamma(^{78}\text{Ge})$

E $_{\gamma}$	E $_i$ (level)	J $_i^{\pi}$	E $_f$	J $_f^{\pi}$
619	619	2 $^{+}$	0	0 $^{+}$

Coulomb excitation 2005Pa23,2005Iw03Level Scheme