

Coulomb excitation 2002Ka80

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	M. Shamsuzzoha Basunia, Anagha Chakraborty		NDS 186, 2 (2022)	31-Mar-2022

$^{208}\text{Pb}(^{24}\text{Si}, ^{24}\text{Si})$, ^{24}Si produced by $^9\text{Be}(^{28}\text{Si}, x)$ E=59.7 MeV/A projectile fragmentation.

 ^{24}Si Levels

E(level)	J^π	$T_{1/2}$	Comments
0	0^+		
1872 3	2^+	1.3 ps 4	E(level): From Adopted Levels. Other: 1879 11 (2002Ka80). $T_{1/2}$: From $B(E2)_{\uparrow}=0.0096$ 30, obtained from $B(E2)_{\downarrow}=0.00191$ 59 (2002Ka80), and adopted γ -ray properties.

 $\gamma(^{24}\text{Si})$

E_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π	Mult.	Comments
1872 3	1872	2^+	0	0^+	[E2]	E_γ : From Adopted Gammas. Other: 1879 (2002Ka80 – in text 1.89 MeV).

Coulomb excitation 2002Ka80Level Scheme