

Ni(K⁻,x ray γ) 1972Ba55

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Caroline D. Nesaraja, Scott D. Geraedts and Balraj Singh		NDS 111,897 (2010)	12-Jan-2010

1972Ba55: Measured G.

 ^{58}Ni Levels




E(level)	$J^{\pi\dagger}$
0.0	0 ⁺
1453.5 20	2 ⁺
2457.1 28	4 ⁺

[†] From Adopted Levels. $\gamma(^{58}\text{Ni})$

E_{γ}	I_{γ}	$E_i(\text{level})$	J_i^{π}	E_f	J_f^{π}
1003.6 20	30 10	2457.1	4 ⁺	1453.5	2 ⁺
1453.5 20	70 21	1453.5	2 ⁺	0.0	0 ⁺

Ni(K⁻,x ray γ) 1972Ba55Level SchemeIntensities: Relative I_{γ}

Legend

	$I_{\gamma} < 2\% \times I_{\gamma}^{\text{max}}$
	$I_{\gamma} < 10\% \times I_{\gamma}^{\text{max}}$
	$I_{\gamma} > 10\% \times I_{\gamma}^{\text{max}}$

