^{50}Cr(e,e′) 1983Li02

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Jun Chen and Balraj Singh	NDS 157, 1 (2019)	15-Apr-2019

1983Li02: Ee=30-400 MeV from the Saclay Accelerateur Lineaire de Saclay (ALS) linac and the NIKHEF (former IKO) linac. >99% enriched target. Measured $\sigma(\theta)$ with a magnetic spectrograph, proportional counter focal plane array. Inelastic form factors measured relative to elastic form factors. DWBA.

^{50}Cr Levels

E(level)	J^{π} †	$T_{1/2}$	B(Eλ)↑ ‡	Comments
0	0^+			
780	2^+	14.9 ps *8*	0.0933	$T_{1/2}$: deduced from B(E2)=0.093 *5*, uncertainty assigned in 2001Ra27 evaluation.
1880	4^+		0.451×10^{-3}	B(Eλ)↑: for best fit. See 1983Li02 for other values.
2920	2^+		0.0089	
3160	2^+		0.44×10^{-5}	E(level): unresolved 2^+ and 6^+ states. B(Eλ)↑: assuming 6^+.
3320	4^+		0.192×10^{-3}	

† From the Adopted Levels.
‡ No uncertainties were assigned by 1983Li02.