^{10}B(e,e) 1988Aj01,2004MiZX

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, C. G. Sheu and J. L. Godwin, et al.	NP A745 155 (2004)	31-Mar-2004

1965Fr07: ^{10}B(e,e′) E=100-220 MeV, measured $\sigma(E_{e'})$. Deduced inelastic form factor.
1966Ko08: ^{10}B(e,e′) E=50,60 MeV, measured $\sigma(E_{e'})$. ^{10}B deduced levels, B(λ).
1966Ra29: ^{10}B(e,e′) E<230 MeV, measured σ(E). Deduced magnetic form factors. ^{10}B deduced magnetic moments.
1966St12: ^{10}B(e,e′) E=198.5, 333, 400 MeV, measured $\sigma(\theta)$.
1976Fa13: ^{10}B(e,e′) E=40-61 MeV, measured σ(E). ^{10}B levels deduced Γ_0, λ.
1978Sh14: ^{10}B(e,e′) E=140 MeV, measured $\sigma(E_{e'})$. ^{10}B deduced resonances.
1979An08: ^{10}B(e,e′) E=67-194 MeV, measured $\sigma(E,E_{e'},\theta)$. ^{10}B deduced form factors, reduced widths, multipolarities, (π^-,γ) rates.
1988Hi02: ^{10}B(e,e),(e,e′) E=203-416 MeV, measured form factors. ^{10}B deduced $1p_{3/2}$ wave function radial shape.
1994Sa44: ^{10}B(e,e′) E not given, analyzed data.
1995Ci02: ^{10}B(e,e),(e,e′) E=223.53 MeV, measured spectra, longitudinal, transverse form factors. ^{10}B levels deduced charge distribution, B(λ).
2004MiZX: ^{10}B(e,e),(e,e′) E≈40-200 MeV, analyzed form factors, deduced transition strengths.

^{10}B Levels

E(level)	J^π	Comments
720	1^+	T=0; $\Gamma_{\gamma 0}=6.1\times10^{-7}$ eV *5*
1.74×10^3	0^+	T=1; $\Gamma_{\gamma 0}=8.90\times10^{-10}$ eV *26*
2.15×10^3	1^+	T=0; $\Gamma_{\gamma 0}=3.6\times10^{-5}$ eV *4*
3.59×10^3	2^+	T=0; $\Gamma_{\gamma 0}=4.1\times10^{-4}$ eV *3*
5.16×10^3	2^+	T=1; $\Gamma_{\gamma 0}= 1.00\times10^{-6}$ eV *7*
5.92×10^3	2^+	T=0; $\Gamma_{\gamma 0}=1.2\times10^{-3}$ eV *4*
6.03×10^3	4^+	T=0; $\Gamma_{\gamma 0}=9.3\times10^{-2}$ eV *4*
6.13×10^3	3^-	T=0; $\Gamma_{\gamma 0}=4.0\times10^{-6}$ eV *5*
6.56×10^3	4^-	T=0; $\Gamma_{\gamma 0}=3.3\times10^{-6}$ eV *5*
7.48×10^3	2^+	T=1; $\Gamma_{\gamma 0}=11.0$ eV *12*
8.07×10^3	2^+	$\Gamma_{\gamma 0}=0.19$ eV *2*
8.9×10^3	2^+	T=1
10.79×10^3		
11.56×10^3		$\Gamma_{\gamma 0}=11.4$ eV *23*
12.6×10^3		
13.3×10^3		