^{204}Pb(e,e′) 1984Pa02

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	C. J. Chiara and F. G. Kondev	NDS 111,141 (2010)	1-Oct-2009

1984Pa02: 30-mg/cm^2 enriched ^{204}Pb targets; E(e)=52 to 502 MeV.

1979PaZW, as quoted in 1994Sc24 (note that this keynumber should likely read 1979PaZP): 99.7% ^{204}Pb; E(e)=236 MeV; inelastic scattering at 90°. The spectrum shown is similar to ^{206}Pb and ^{208}Pb. Prominent 3^- state at≈2.6 MeV.

^{204}Pb Levels

E(level)	J^π †	Comments
0	0^+	
899.1	2^+	B(E2)↑=0.174 B(E2)↑ and transition charge density deduced (1984Pa02).
1273.8	4^+	B(E4)↑=0.029 B(E4)↑ and transition charge density deduced (1984Pa02).
2620.7	3^-	

† From Adopted Levels.