

$^{194}\text{Pt}(e,e')$ 1988Bo08

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Jun Chen and Balraj Singh		NDS 177, 1 (2021)	3-Sep-2021

1988Bo08: E=200-500 MeV electrons from linear electron accelerator ALS at Saclay. Target was ≈ 50 mg/cm² self-supporting metallic foil of >99% enriched Pt. Scattered electrons were momentum-analyzed with an magnetic spectrometer. Measured $\sigma(E_e)$. Deduced transition charge densities, strengths. Comparisons with available data and theoretical calculations. Momentum transfer=0.6 to 3.2 fm⁻¹.

Other from the same group: [1987Bo06](#).

Angular distribution measurements. Charge densities deduced for low lying 2⁺, 3⁻ and two 4⁺ states.

 ^{194}Pt Levels

E(level)	$J\pi^\dagger$	Comments
0	0 ⁺	
328	2 ⁺	B(E2) \uparrow =1.64 5
811	4 ⁺	B(E4) \uparrow =0.031 6
1230	4 ⁺	B(E4) \uparrow =0.00149 23
1433	3 ⁻	B(E3) \uparrow =0.157 13

[†] From Adopted Levels.