

$^{208}\text{Pb}(^7\text{Li},^6\text{Li})$ **1994Ru07**

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. Chen [#] and F. G. Kondev		NDS 126, 373 (2015)	30-Sep-2013

Target ^{208}Pb $J^\pi(\text{g.s.})=0^+$.

1994Ru07: E=33 MeV polarized ^7Li beam was produced from the SERC Nuclear Structure Facility at Daresbury. A $150 \mu\text{g}/\text{cm}^2$ self-supporting ^{208}Pb target was used. Scattered particles were detected with six $50 \times 50 \text{ mm}^2$ position sensitive $\Delta\text{E-E}$ telescopes. Measured $\sigma(\theta)$, analyzing power $T_{20}(\theta)$. Deduced levels, J^π , L from CCBA, CRC analysis.

Other: **1993Yo01**.

 ^{209}Pb Levels

E(level) [†]	J^π	L
0.0	$9/2^+$ [#]	4
779	$11/2^+$ [@]	6
1567	$5/2^+$ [#]	2
2491 [‡]		
2537 [‡]		

[†] Rounded-off values from Adopted Levels.

[‡] Unresolved doublet.

[#] L+1/2 transfer from analyzing power fits.

[@] L-1/2 transfer from analyzing power fits.