

<u>²⁰⁷Pb(n,n')</u>				
Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	F. G. Kondev, S. Lalkovski		NDS 112, 707 (2011)	1-Aug-2010

Others: [2005Sh22](#), [2005ShZV](#), [2000Io01](#), [1996Bo28](#).

- [1967Cr06](#): E=0.5 to 5 MeV, FWHM=30 keV. Measured $\sigma(\theta)$
[1974KiZQ](#): E=5.5 to 8.5 MeV, FWHM=60 keV. Measured $\sigma(\theta)$
for the 570, 898, 1633, 2340, 2625+2663 levels,
and the energy regions 3057-3298, 3300-3750, 3800-3950,
and 4000-4450
[1979Ra03](#): E=2 to 4.5 MeV. Measured scattering at 125 °. Compared
 $\sigma(\theta)$ to Hauser-Feshbach theory for the 570
and 894 levels
[1981HaZS](#): E=7.5-13.5 MeV.
[1983AvZY](#): reactor fast neutrons. Compared $\sigma(\theta)$ to
Hauser-Feshbach theory

<u>²⁰⁷Pb Levels</u>			
<u>E(level)[†]</u>	<u>E(level)[†]</u>	<u>E(level)[†]</u>	<u>E(level)[†]</u>
0	2339.8	3202	3776
569.6	2624.6	3222	4128
898.0	2663.4	3450	4368
1633.4	2728.4	3600	4386

[†] From [1983AvZY](#) for E(level)<3000. Higher levels are from [1974KiZQ](#). Other: [1967Cr06](#).