

$^{208}\text{Pb}(\pi^-, \pi^0)$ 1986Er09

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	M. J. Martin	NDS 108,1583 (2007)	1-Jun-2007

E=165 MeV. FWHM \approx 6 MeV.

On the basis of $\sigma(\theta)$ and systematics of energy and Γ , the peak is interpreted by the authors As the spin isovector monopole resonance.

 ^{208}Tl Levels

<u>E(level)</u>	<u>J$^\pi$</u>	<u>L</u>	<u>Comments</u>
6.5×10^3 28	0^+	0	$\Gamma=12000$ 7000. E(level): authors quote excitation energy of 12000 2800 relative to target. J $^\pi$: from L=0 and non spin-flip nature of the (π^-, π^0) reaction At forward angles.