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 $^{198}\text{Pt}(^{136}\text{Xe}, X\gamma)$  **2015Wa30**

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<u>Type</u>	<u>History</u>		<u>Literature Cutoff Date</u>
	<u>Author</u>	<u>Citation</u>	
Full Evaluation	M. S. Basunia	ENSDF	1-Feb-2017

Target=91.6% enriched  $^{198}\text{Pt}$  (thickness 1.3 mg/cm<sup>2</sup>); Projectile:  $^{136}\text{Xe}$ , E=7.98 MeV/nucleon; projectile like fragments around  $\sim 30^\circ$  detected by the VAMOS++ at GANIL; VAMOS++ consists of a pair of quadrupole magnets, a dipole magnet, and a detection system to determine scattering angle, kinetic energy, ionic charge, mass, and atomic number of the detected particle. The EXOGAM array with ten CLOVER germanium detectors, surrounding the target, was used to detect  $\gamma$  rays.

$\gamma(^{196}\text{Os})$

$E_\gamma$   
<sup>x</sup>324

<sup>x</sup>  $\gamma$  ray not placed in level scheme.