
 ${}^9\text{Be}({}^{66}\text{Fe}, {}^{64}\text{Cr}\gamma)$ 2008Ad04

<u>Type</u>	<u>Author</u>	<u>History</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Balraj Singh and Jun Chen		NDS 178, 41 (2021).	12-Nov-2021

Two-proton knockout reaction [2008Ad04](#): secondary beam produced in the reaction ${}^9\text{Be}({}^{76}\text{Ge}, X)$ with 130 MeV/nucleon beam provided by the NSCL at MSU. Fragments were separated using A1900 Fragment separator. Reaction products were analyzed using S800 spectrograph. $E({}^{66}\text{Fe})=73.5$ MeV/nucleon was incident on ${}^9\text{Be}$ target for measurements of ${}^{64}\text{Cr}$. Measured $E\gamma$, $I\gamma$, $\gamma\gamma$ using SeGA array of 32 HPGe detectors. As the cross section for this reaction was small, no γ rays were seen in this reaction.

 ${}^{64}\text{Cr}$ Levels

<u>E(level)</u>	<u>Jπ</u>	<u>Comments</u>
0	0^+	Inclusive $\sigma=0.13$ mb 5.
