^{87}Rb(γ,n) 2010Ma02

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Alexandru Negret, Balraj Singh	NDS 124, 1 (2015)	30-Nov-2014

2010Ma02: The γ beam obtained from the bremsstrahlung of a 5 μA electron beam with various energies (uncertainty 30 keV) on a 0.5 mm Ta disk. The activation method was used to determine the excitation yields for the metastable states in ^{86}Rb. γ rays detected with a 175 cm^3 HPGe detector. Comparison with TALYS calculations.

^{86}Rb Levels

E(level)	J^π	Comments
0		
1092 *60*	≥5	J^π: The level is not directly excited (not excitation at threshold).
1240 *60*	≤4	J^π: The level is directly excited (it is populated immediately after the threshold).
1500 *60*	≤4	
1850 *60*		