

${}^6\text{Li}(\pi^-, \gamma)$ 2002Ti10

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Hu, Tilley, Kelley et al.	NP A708, 3 (2002)	23-Aug-2001

1973Ba62: ${}^6\text{Li}(\pi^-, \gamma)$ E=5-150 MeV, measured $\sigma(E_\gamma)$. ${}^6\text{He}$ levels deduced level- Γ , γ -branching.

1978Re05: ${}^6\text{Li}(\pi^-, \gamma)$ E=0, measured X-rays, X- γ -coin, deduced partial capture rates.

1986Pe05: ${}^6\text{Li}(\pi^-, \gamma)$ E At rest, measured E_γ , I_{gamma} . ${}^6\text{He}$ deduced IAS transition isovector M1 character, branching ratios.

 ${}^6\text{He}$ Levels

E(level)
0.0
1.8×10^3
15.6×10^3 5
23.2×10^3 7
29.7×10^3 13