

$^{87}\text{Sr}(p,p')$ IAR 1970SI01

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	E. A. Mccutchan and A. A. Sonzogni		NDS 115, 135 (2014)	1-Nov-2013

$E_p=4.5-7.5$ MeV. Measured $\sigma(E,\theta)$ using MIT multigap spectrograph, Si surface-barrier detectors and nuclear emulsions; deduced IAR and Γ .

Other: $^{87}\text{Sr}(p,n)$ (1980Ta13).

 ^{88}Y Levels

E(level) [†]	J^π [‡]	Γ	Comments
S(p)+4710	(2 ⁺)	20 keV	IAS: 4414.
S(p)+4774		20 keV	IAS: 4514.
S(p)+4922	(2 ⁺)	35 keV	IAS: 4632.
S(p)+5201	(4 ⁺ ,5 ⁺)	35 keV	IAS: 4873.
S(p)+5374		30 keV	IAS: 5109.
S(p)+5738	(4 ⁺)	70 keV	IAS: 5465.
S(p)+5982	(4 ⁺ ,5 ⁺)	80 keV	IAS: 5729.

[†] E(res) in center-of-mass system. S(p)=6707.7 keV 15 (2012Wa38).

[‡] From ^{88}Sr IAS.