

¹⁸¹Ta(π^- ,11n γ) **1978Be24**

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	C. M. Baglin ¹ , E. A. Mccutchan ² , S. Basunia ¹		NDS 153, 1 (2018)	1-Oct-2018

Target J ^{π} =7/2⁺.
Absorption of stopped π^- in ¹⁸¹Ta; measured E γ , I γ .

¹⁷⁰Hf Levels

E(level)[†]
0
101
322
643
1043
1506
2016
2567
3152

[†] Rounded-off values from Adopted Levels.

$\gamma(^{170}\text{Hf})$

<u>Eγ[†]</u>	<u>Iγ[‡]</u>	<u>E_i(level)</u>	<u>E_f</u>
101		101	0
221	0.057 3	322	101
321	0.0289 18	643	322
400	0.0208 10	1043	643
462	0.0121 6	1506	1043
511		2016	1506
551	0.0086 13	2567	2016
584	0.0037 4	3152	2567

[†] Rounded-off values from Adopted Gammas.
[‡] Photons per captured π^- .

$^{181}\text{Ta}(\pi^{-}, 11n\gamma)$ **1978Be24**

Level Scheme

Intensities: Intensity per captured π^{-} .

Legend

- $I_{\gamma} < 2\% \times I_{\gamma}^{\max}$
- $I_{\gamma} < 10\% \times I_{\gamma}^{\max}$
- $I_{\gamma} > 10\% \times I_{\gamma}^{\max}$

