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 $^{179}\text{Hf}(\text{t},\text{p})$  **1984Bu05**

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<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	S. -c. Wu	NDS 106, 367 (2005)	31-Aug-2005

E(t)=15 MeV, resolution was 18-20 keV FWHM.

Spectra recorded at 7.5° intervals from 7.5° to 75°.

Cross sections were determined by comparing the proton intensities with the inelastic triton intensity at 30°. Elastic scattering cross sections were calculated with DWUCK.

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 $^{181}\text{Hf}$  Levels

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<u>E(level)</u>	<u>L</u> <sup>†</sup>	<u>Comments</u>
600 5	0	T <sub>1/2</sub> : from (t,p $\gamma$ ) coincidence data, T <sub>1/2</sub> <1 $\mu$ s if E( $\gamma$ )<100 keV deexciting this level.
≈622		
764 8		
804 8		
≈1010		
1212 8		
≈1282		
1312 8		
1599 8		
≈1687		

<sup>†</sup> From systematics of L=0 transitions in (p,t) and comparison with DWUCK calculations.