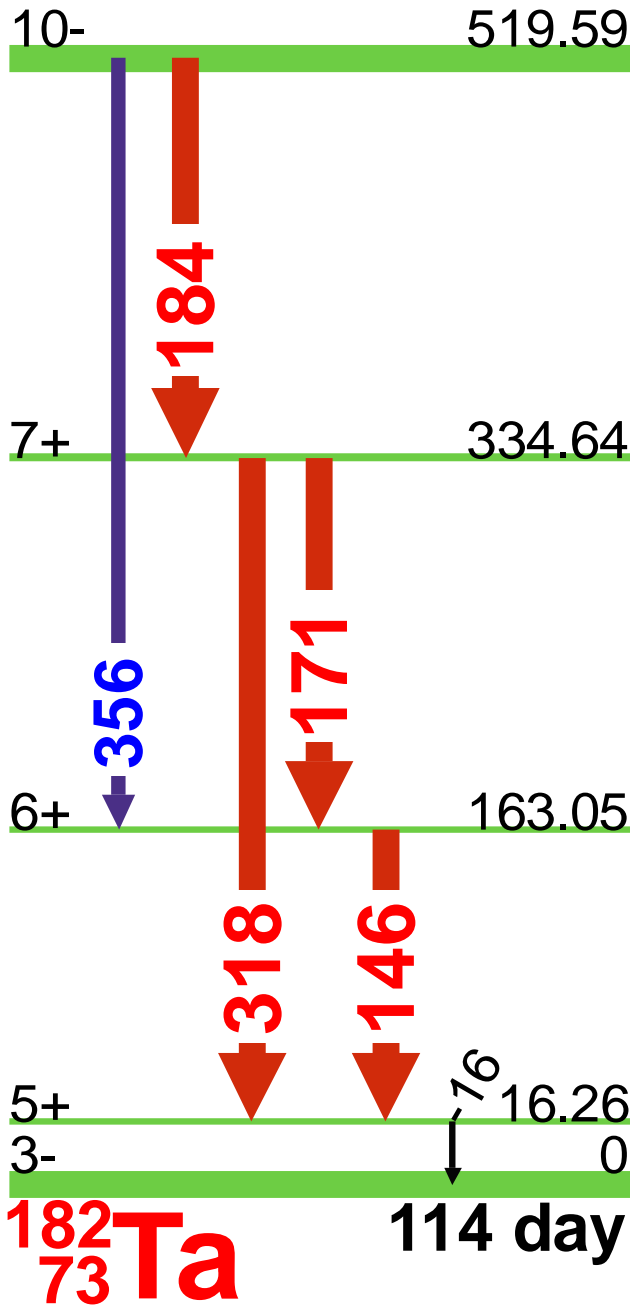


<sup>182m</sup>Ta(15 min.) Decay Scheme  
**15 min.**



**GAMMA-RAY ENERGIES AND INTENSITIES**

Nuclide: <sup>182m</sup>Ta Half Life: 15.84(10) min.  
Detector: 2.5 cm<sup>2</sup> x 8 mm Ge (Li) Method of Production: <sup>181</sup>Ta(n,γ)

E <sub>γ</sub> (keV)	σ E <sub>γ</sub>	I <sub>γ</sub> (rel)	I <sub>γ</sub> (%)	σ I <sub>γ</sub>	S
16.263	0.003				4
146.785	0.015	76.0	37.2	2.5	1
171.586	0.015	100.	49.0	2.0	1
184.951	0.015	50.0	24.5	1.8	1
318.40	0.05	14.0	6.9	0.6	1
356.47	0.10	0.6	0.29	0.05	3

E<sub>γ</sub>, σE<sub>γ</sub>, I<sub>γ</sub>, σI<sub>γ</sub> - 1998 ENSDF Data