

²³⁰Th(³He,t)

1991Ja04

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	C. Morse	NDS 197,259 (2024).	26-Sep-2023

1991Ja04: E(³He)=200 MeV: observed triton spectrum in singles and measured $\sigma(t)$ at $\theta(t)=0^\circ$. E(³He)=76.5 MeV: observed proton emission from the IAS; and triton spectra in singles and in coincidence with protons emitted by the IAS; measured $\sigma(E(t),E(p),\theta(t),\theta(p))$ for $\theta(t)=0^\circ$, $\theta(p)=+120^\circ$, $+150^\circ$, -150° .

²³⁰Pa Levels

E(level)	J ^{π}	T _{1/2}	Comments
17763 18	0 ⁺	210 keV 11	%p=56 6 (1991Ja04) Γ_p=118 14 (1991Ja04) The proton branching from the level was determined by 1991Ja04 from triton- and proton-cross sections. Γ from 1991Ja04. Deduced Coulomb displacement energy=19856 keV 17 (1991Ja04). Spreading width (neutron and fission decays)=92 keV 14 (1991Ja04).