

$^2\text{H}(^{32}\text{S},\text{n})$ [1973Wa10](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Jun Chen and Balraj Singh		NDS 112, 1393 (2011)	31-Mar-2011

[1973Wa10](#): 54.6 MeV ^{32}S beam produced from the BNL MP-tandem Van de Graaff facility. Targets: 200 $\mu\text{g}/\text{cm}^2$ TiD target prepared by evaporating titanium onto the target backings in a deuterium atmosphere. Detectors: a 35 cm^3 Ge(Li) detector with FWHM=2 keV for 656-keV γ -rays. Measured E_γ . Deduced $T_{1/2}$ using Doppler Shift Attenuation Method (DSAM).

 ^{33}Cl Levels

E(level)	$T_{1/2}$	Comments
0		
810.51 16	1.2 ps 2	E(level): from E_γ in 1971Sn01 .