

$^{93}\text{Nb}(\text{p},\text{p}')$  1972Ke32

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Coral M. Baglin	NDS 112, 1163 (2011)	15-Dec-2010

Other: 1958Co73.

1972Ke32: E(p)=5.8-7.6 MeV, FWHM=30 keV for proton spectrum,  $\theta(\text{lab})=140^\circ$  and  $160^\circ$ , cooled SiLi detectors.

1958Co73: E(p)=14-22 MeV,  $\theta(\text{lab})=45^\circ$  and  $90^\circ$ , magnetic analysis, FWHM $\approx$ 180 keV.

 $^{93}\text{Nb}$  Levels

E(level) <sup>†</sup>	Comments
0	
740	
810 <sup>‡</sup>	
950	
960	
1080	
1290	
1350	
1685 <sup>#</sup>	
1900	
1940	
2250	
2290	
2520 <sup>#</sup>	E(level): 90° datum only.
2845 <sup>#</sup>	
3050 <sup>#</sup>	E(level): 90° datum only.

<sup>†</sup> From spectrum in fig. 1 of 1972Ke32;  $\Delta E$  not stated.

<sup>‡</sup> Doublet.

<sup>#</sup> Average of  $45^\circ$  and  $90^\circ$  data from 1958Co73;  $\Delta E \leq 150$  keV. Poor resolution; probably not a single level.