

${}^{93}\text{Nb}(\text{d},\alpha)$ 1974Sc32

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Coral M. Baglin	NDS 114, 1293 (2013)	1-Sep-2013

$J^\pi(\text{target})=9/2^+$.

$E=12$ MeV. 100% ${}^{93}\text{Nb}$ target. Semi, FWHM=40 keV. $\theta=25^\circ-140^\circ$. Results are interpreted in terms of two-step DWBA where L-values do not determine the parity.

 ${}^{91}\text{Zr}$ Levels

See 1974Sc32 for $d\sigma/d\Omega(35^\circ)$ data.

E(level)	L^\dagger	E(level)	E(level)	E(level)
0	3	2672	3659	4440
1198		2770	3766	4544
1475		2826	3836	4752
2041	3	2908	3913	5131
2134	3	3043	3987	5294
2188	3	3161	4125	5408
2275		3300	4145	5585
2362		3478	4283	5682
2570		3596	4378	

† From two-step DWBA analysis.