

$^{93}\text{Nb}(^3\text{He,d})$ 1969Ca20

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	D. Abriola(a), A. A. Sonzogni		NDS 107, 2423 (2006)	1-Jan-2006

E=30.9 MeV. Magnetic spectrograph, FWHM=30 keV to 55 keV. Measured E, $\sigma(\theta)$, $\theta=6^\circ$ to 30° . $J^\pi(\text{target})=9/2^+$.

 ^{94}Mo Levels

E(level)	L [†]	(2J+1)C ² S [‡]	Comments
0	4	2.97 15	
873 5	4+2	4.5 6	(2J+1)C ² S: for 1g _{9/2} + 0.27 7 for 2d _{5/2} .
1582 5	4+2	2.0 5	(2J+1)C ² S: for 1g _{9/2} + 0.49 14 for 2d _{5/2} .
1868 5	4+2	0.38 22	(2J+1)C ² S: for 1g _{9/2} + 0.14 7 for 2d _{5/2} .
2080 5	4	2.78 15	
2295 5	4+2	0.81 21	(2J+1)C ² S: for 1g _{9/2} + 0.18 5 for 2d _{5/2} .
2392?# 5			
2422# 5	4+2	2.5 9	(2J+1)C ² S: for 1g _{9/2} + 0.34 14 for 2d _{5/2} .
2527# 5	1	0.19 13	(2J+1)C ² S: for 2p _{1/2} + 0.15 13 for 2p _{3/2} .
2566 5	4+2	4.4 8	(2J+1)C ² S: for 1g _{9/2} + 0.18 13 for 2d _{5/2} .
2614 5	1	4.35 27	(2J+1)C ² S: for 2p _{1/2} + 3.55 28 for 2p _{3/2} .
2773 5	4+2	4.1 4	(2J+1)C ² S: for 1g _{9/2} + 0.24 10 for 2d _{5/2} .
2837 5	1	1.02 12	(2J+1)C ² S: for 2p _{1/2} + 0.83 11 for 2p _{3/2} .
2875 5	4	17.1 9	
2960 5	4	27.9 12	
3026 5	1	3.66 27	(2J+1)C ² S: for 2p _{1/2} + 3.10 27 for 2p _{3/2} .

[†] From DWBA.

[‡] From DWBA. Statistical uncertainty of absolute cross sections $\approx 10\%$ to 15% .

Not resolved.