

$^{102}\text{Ru}(\text{d,t})$ 1994Du08

Type	History		Literature Cutoff Date
	Author	Citation	
Full Evaluation	Jean Blachot	ENSDF	1-Jul-2006

E= 15.5, 16 MeV.

Semi; detector resolution: FWHM \approx 24 keV.

Magnetic spect. Nuclear emulsion plates.

DWBA, angular distribution.

 ^{101}Ru Levels

E(level)	L	S'	Comments
0.0	2	1.8	
127	(2)	0.006	
307	4	2.3	
311	2	0.19,0.23	
324	0	0.32	
421	2	0.22	
534	2+5	0.26,0.33	L: L=5 with S=0.99.
597	3	0.09,0.13	
615	2	0.23,0.30	
622	0	0.12	
684	(1)	0.007,0.009	
719	4	0.720	
824	2	0.18,0.22	
907	1	0.011,0.012	
974	2	0.14,0.18	
1038	2	0.08,0.10	
1111	0	0.022	
1164			
1266			
1425			
1477	2	0.11,0.13	
1498			
1542			
1585	2	0.063,0.079	
1688			
1714	0	0.016	
1758	0	0.016	
1812	2	0.042,0.05 2	
1822			
1839			
1858			
1969	2	0.049,0.061	
1996	1	0.09,0.10	
2068			
2083			
2131			