^{105}Pd(d,t) 1969Di15

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	NDS 108,2035 (2007)	30-Mar-2007

$J^{\pi}(^{105}Pd)=5/2^{+}$, E=17 MeV.
Measured σ (θ), s 43 angles.
DWBA analysis, ΔE=5,7 keV.

^{104}Pd Levels

E(level)	L	S	E(level)	L	S	E(level)	L	S
0	2	0.35	2336 *5*	2+4	0.03,0.1	2913 *6*	2+(4)	0.2,0.5
555 *1*	2	0.52	2443 *5*	4+2	0.6,0.05	2920 *6*	2	0.23
1322 *3*	2+(4)	0.05,0.1	2454 *5*	2+4	0.1,0.4	2933 *6*	2	0.08
1332 *3*	2	0.03	2465 *5*	2	0.64	2973†	0	0.04
1340 *3*	2+0	0.03,0.02	2532†	0	0.06	2991 *6*	0+2	0.02,0.06
1792 *4*	2	0.07	2571 *5*	2	0.38	3000†	2+(4)	0.06,0.8
1797?			2613 *5*	0	0.04	3006?		
1820 *4*	0	0.02	2640†	3+5	0.2,0.15	3022†	2+4	0.1,0.5
1829?			2677 *5*	4	0.60	3076 *6*	0	0.05
2080 *4*	2	0.13	2694†	2	0.08	3084 *6*	2+4	0.09,0.25
2126 *4*	2+(4)	0.04,0.05	2713†	2+4	0.08,0.1	3092 *6*	0+2	0.02,0.05
2179†	2+(4)	0.4,0.5	2771 *6*	4	1.0	3102†	2+4	0.2,0.4
2194?			2784 *6*	2+(4)	0.1,0.2	3115 *6*	2	0.25
2243 *5*	2	0.39	2799 *6*	2	0.08	3134†	2+0	0.1,0.1
2264 *5*	2+4	0.1,0.4	2810 *6*	0	0.14	3191†	2+(4)	0.2,0.2
2275 *5*	2	0.04	2873 *6*	2+(4)	0.4,0.5			

† Probable multiplet.