

$^{130}\text{Ba(d,p)}$ 1970Vo04

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Yu. Khazov, I. Mitropolsky, A. Rodionov		NDS 107, 2715 (2006)	17-Jul-2006

1970Vo04: $^{130}\text{Ba(d,p)}$, $E=12$ MeV, FWHM=15 keV; $E(p)$, $I(p)(\theta)$; deduced L_n .

 $^{131}\text{Ba Levels}$

E(level)	L	$S'^{\dagger}$	E(level)	L	$S'^{\dagger}$	E(level)	L	$S'^{\dagger}$	E(level)	L	$S'^{\dagger}$
0.0	0	0.53	895 10	(0)	0.01	1565 10	3	0.34	2310 15	3	0.11
105 5	2	1.03	946 10	2	0.17	1605 10			2347 15	(3)	0.06
187? 5			970 10	2	0.22	1669 10	2	0.09	2384? 15		
284 5	2	0.43	1100 10	1	0.62	1747 10	(0)	0.008	2401 15		
316? 5			1135? 10			1785 10			2433? 15		
364 5	0	0.016	1162 10	3	1.19	1820 10	0	0.049	2487 15	3	0.28
520? 10	(2)	0.20	1202? 10			1908 10	(0)	0.052	2524 15	2	0.50
559 10	2	0.51	1243 10	(3)	0.07	1943 10	(0)	0.011	2592 15	(3)	0.14
718? 10			1282 10			1965? 10			2616 15	(3)	0.13
757 10	3	0.35	1317 10	1	0.16	1991 10			2656 15	(3)	0.18
783? 10			1437 10	(0)	0.008	2051 15	(3)	0.06			
839? 10			1472 10	0	0.018	2100? 15					

† DWBA calculations without cutoff.