

^{148}Pm $Z = 61$ $N = 87$ adopted link ENSDF link

Based on ENSDF from Oct 2022, and mass evaluation from 2020

BE = 1223.698 (0.006) MeV
 Qbeta- = 2.470 (0.006) MeV
 Qbeta+ = 0.542 (0.006) MeV

	Energy T	J+	J-	J-other	T1/2

S-alpha=	-1.460	(0.006)	-----		
148PM 1	|	|	0.000	1-	1 5.368 D 7
148PM 2	|	|	|	0.076 1-,2-	2
148PM 3	|	|	|	0.137	3
148PM 4	|	|	|	0.138 5-,6-	4 41.29 D 11
148PM 5	|	|	|	0.215	5
148PM 6	|	|	|	0.220	6
148PM 7	|	|	|	0.292	7
148PM 8	|	|	|	0.303	8
148PM 9	|	|	|	0.305	9
148PM 10	|	|	|	0.309	10

148PM 11	|	|	|	0.363	11
148PM 12	|	|	|	0.380	12
148PM 13	|	|	|	0.386	13
148PM 14	|	|	|	0.388	14
148PM 15	|	|	|	0.410	15
148PM 16	|	|	|	0.414	16
148PM 17	|	|	|	0.440	17
148PM 18	|	|	|	0.452	18
148PM 19	|	|	|	0.462	19
148PM 20	|	|	|	0.526	20

148PM 21	|	|	|	0.529	21
148PM 22	|	|	|	0.543	22
148PM 23	|	|	|	0.546	23
148PM 24	|	|	|	0.550	24
148PM 25	|	|	|	0.561	25
148PM 26	|	|	|	0.564	26
148PM 27	|	|	|	0.573	27
148PM 28	|	|	|	0.611	28
148PM 29	|	|	|	0.623	29
148PM 30	|	|	|	0.642	30

148PM 31	|	|	|	0.656	31
148PM 32	|	|	|	0.660	32
148PM 33	|	|	|	0.670	33
148PM 34	|	|	|	0.673	34
148PM 35	|	|	|	0.700	35

148PM	36	|	|	|	0.715	36
148PM	37	|	|	|	0.726	37
148PM	38	|	|	|	0.745	38
148PM	39	|	|	|	0.797	39
148PM	40	|	|	|	0.801	40

148PM	41	|	|	|	0.810	41
148PM	42	|	|	|	0.859	42
148PM	43	|	|	|	0.910	43
148PM	44	|	|	|	0.958	44

S-p	=	6.008	(	0.006)	-----
S-n	=	5.895	(	0.006)	-----
S-2p	=	14.770	(	0.035)	-----
S-2n	=	13.554	(	0.007)	-----
S-alpha	=	-1.460	(	0.006)	-----

S+p	=	-7.559	(	0.006)
S+n	=	-7.270	(	0.006)
S+2p	=	-12.504	(	0.008)
S+2n	=	-12.874	(	0.021)
S+alpha	=	1.553	(	0.006)

gap p	=	-1.551	(	0.008)
gap n	=	-1.374	(	0.008)
gap 2p	=	2.266	(	0.036)
gap 2n	=	0.680	(	0.022)
gap alpha	=	0.093	(	0.009)