

^{257}Db $Z = 105$ $N = 152$ adopted link ENSDF link

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

BE = 1892.028 (0.165) MeV

Qbeta+ = 4.288 (0.165) MeV

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

S-alpha=	-9.206 (0.233)				
257DB	1			0.000 (9/2+)	1 2.3 S 2
257DB	2			0.250 (7/2-)	2
257DB	3			0.370 (1/2-)	3 0.67 S 6
257DB	4			0.470 [3/2-]	4
257DB	5			0.600 (5/2-)	5

S-p = 1.357 (0.166)-----

S-n = 8.124 (0.304)-----

S-2p = 4.371 (0.166)-----

S-2n = 15.483 (0.304)-----

S-alpha= -9.206 (0.233)-----

S+p = -2.208 (0.542)

S+n = -6.718 (0.189)

S+2p = 0.000 (0.000)

S+2n = -14.306 (0.174)

S+alpha = 10.500 (0.244)

gap p = -0.851 (0.566)

gap n = 1.406 (0.358)

gap 2p = 0.000 (0.000)

gap 2n = 1.177 (0.350)

gap alpha = 1.294 (0.337)