

^{235}Pa $Z = 91$ $N = 144$ adopted link ENSDF link

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

BE = 1783.277 (0.014) MeV

Qbeta- = 1.370 (0.014) MeV

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

S-alpha=	-4.101	(0.019)	-----		
235PA 1				0.000 (3/2-)	1 24.4 M 2
235PA 2				0.010 (1/2-)	2
235PA 3				0.019 (1/2+)	3
235PA 4				0.052 (3/2+)	4
235PA 5				0.055 (7/2-)	5
235PA 6				0.065 (9/2+)	6
235PA 7				0.100	7
235PA 8				0.132 (13/2+)	8
235PA 9				0.162	9
235PA 10				0.192	10

235PA 11				0.252	11
235PA 12				0.345 (3/2+)	12
235PA 13				0.378 (5/2+)	13
235PA 14				0.469 (1/2,3/2)	14
235PA 15				0.484	15
235PA 16				0.525	16
235PA 17				0.570	17
235PA 18				0.630	18
235PA 19				0.649	19
235PA 20				0.682	20

235PA 21				0.727 (1/2,3/2)	21
235PA 22				0.748 (1/2,3/2)	22
235PA 23				0.751 (11/2-)	23
235PA 24				0.756 (1/2,3/2)	24
235PA 25				0.965 (5/2-)	25

S-p = 5.613 (0.014)-----

S-n = 6.121 (0.015)-----

S-2p = 13.597 (0.019)-----

S-2n = 11.343 (0.014)-----

S-alpha= -4.101 (0.019)-----

S+p = -7.133 (0.014)

S+n = -5.026 (0.020)

S+2p = -11.995 (0.014)

S+2n = -10.904 (0.019)

S+alpha = 4.597 (0.014)

gap p = -1.520 (0.020)

gap n = 1.095 (0.025)

gap 2p = 1.602 (0.024)

gap 2n = 0.439 (0.024)

gap alpha = 0.496 (0.024)