

${}^9\text{Be}$ $Z = 4$ $N = 5$ adopted link ENSDF link

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

BE = 58.164 (0.000) MeV

	Energy T	J+	J-	J-other	T1/2
9BE 1			0.000 1/2 3/2-		1 STABLE
S-n =	1.665 (0.000)	-----			
9BE 2	1.684	1/2+			2 214 KEV 5
S-alpha=	2.308 (0.020)	-----			
9BE 3			2.429 5/2-		3 0.78 KEV 13
9BE 4			2.780 1/2-		4 1.10 MEV 12
9BE 5	3.049	5/2+			5 282 KEV 11
9BE 6				4.704 (3/2)+	6 743 KEV 55
9BE 7				5.590 (3/2-)	7 1.33 MEV 36
9BE 8			6.380 7/2-		8 1.21 MEV 23
9BE 9	6.760	9/2+			9 1.33 MEV 9
9BE 10				7.940 (5/2-)	10 1000 KEV AP

S-p = 16.886 (0.000)-----
 S-n = 1.665 (0.000)-----
 S-2p = 29.303 (0.008)-----
 S-2n = 20.563 (0.000)-----
 S-alpha= 2.308 (0.020)-----

S+p = -6.587 (0.000)
 S+n = -6.812 (0.000)
 S+2p = -15.277 (0.000)
 S+2n = -7.314 (0.000)
 S+alpha = -10.648 (0.000)

gap p = 10.300 (0.000)
 gap n = -5.148 (0.000)
 gap 2p = 14.026 (0.008)
 gap 2n = 13.249 (0.000)
 gap alpha = -8.341 (0.020)