

^{20}N $Z = 7$ $N = 13$ adopted link ENSDF link

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

BE = 134.183 (0.079) MeV

Qbeta- = 17.970 (0.079) MeV

	Energy T	J+	J-	J-other	T1/2
20N 1				0.000 (2-)	1 134.4 MS 37
20N 2				0.843 (3-)	2
20N 3				0.944	3
20N 4				1.336 (1-,2-)	4
20N 5				1.559	5
20N 6				1.895 (3-)	6
S-n	= 2.161 (0.081)	-----			
20N 7				2.943 (4-)	7
20N 8				3.500	8
20N 9				4.600	9
20N 10				5.500	10
20N 11				7.000	11
S-2n	= 7.489 (0.081)	-----			
20N 12				9.000	12
S-p	= 17.936 (0.126)	-----			
S-n	= 2.161 (0.081)	-----			
S-2p	= 44.604 (0.219)	-----			
S-2n	= 7.489 (0.081)	-----			
S-alpha	= 17.770 (0.083)	-----			
S+p	= -20.993 (0.080)				
S+n	= -4.606 (0.156)				
S+2p	= -33.551 (0.080)				
S+2n	= -6.144 (0.222)				
S+alpha	= -16.647 (0.126)				
gap p	= -3.057 (0.149)				
gap n	= -2.445 (0.175)				
gap 2p	= 11.053 (0.233)				
gap 2n	= 1.345 (0.237)				
gap alpha	= 1.123 (0.150)				