

^{13}O $Z = 8$ $N = 5$ adopted link ENSDF link

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

BE = 75.553 (0.010) MeV

Qbeta+ = 17.770 (0.010) MeV

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

130	1			0.000 3/2 (3/2-)	1 8.58 MS 5
S-p	=	1.512 (0.010)	-----		
S-2p	=	2.112 (0.010)	-----		
130	2			2.750	2
130	3			4.210	3
130	4			6.020	4 1.2 MEV
130	5			0.000	5

S-p	=	1.512 (0.010)	-----		
S-n	=	16.969 (0.015)	-----		
S-2p	=	2.112 (0.010)	-----		
S-2n	=	40.766 (0.061)	-----		
S-alpha	=	8.220 (0.010)	-----		

S+p	=	1.560 (0.042)
S+n	=	-23.179 (0.010)
S+2p	=	2.522 (0.067)
S+2n	=	-36.402 (0.010)
S+alpha	=	-9.040 (0.010)

gap p	=	3.072 (0.043)
gap n	=	-6.210 (0.018)
gap 2p	=	4.634 (0.068)
gap 2n	=	4.364 (0.062)
gap alpha	=	-0.819 (0.014)