

$^{32}\text{Si}$        $Z = 14$        $N = 18$       adopted link      ENSDF link

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

BE = 271.407 ( 0.000) MeV

Qbeta- = 0.227 ( 0.000) MeV

	Energy T	J+	J-	J-other	T1/2
32SI 1	0.000	0+			1 157 Y 7
32SI 2	1.941	2+			2 0.78 PS 22
32SI 3	4.231	2+			3 0.26 PS 9
32SI 4	4.984	0+			4 0.30 PS LT
32SI 5				5.220 (1+)	5 80 FS LT
32SI 6			5.289 3-		6 152 FS 35
32SI 7				5.412 1	7 50 FS LT
32SI 8	5.427 2+				8
32SI 9				5.502 (5-,4+)	9
32SI 10				5.581 (5-)	10 27 NS 2
32SI 11				5.773 (1,2,3)	11 139 FS LT
32SI 12				5.786 (0,1,2)+	12 0.8 PS GE
32SI 13				5.893 (3+)	13
32SI 14	5.954 2+				14 55 FS LE
32SI 15			5.967 3-		15
32SI 16				6.170 (2+)	16 55 FS LE
32SI 17			6.195 1-		17 38 FS LE
32SI 18	6.242 0+				18 55 FS LE
32SI 19	6.388 2+				19 42 FS LT
32SI 20			6.477 3-		20
32SI 21			6.705 1-		21
32SI 22			6.860 3-		22
32SI 23	7.083 2+				23
32SI 24				7.482	24
32SI 25				7.743	25
32SI 26				7.793 3-,4+	26
32SI 27				7.887	27
32SI 28			7.978 3-		28
32SI 29	8.066 2+				29
32SI 30			8.321 5-		30
32SI 31	8.361 2+				31
32SI 32				8.422	32
32SI 33			8.567 3-		33
32SI 34	8.650 2+				34
32SI 35				8.758 3-,4+	35
32SI 36				8.842	36
32SI 37				8.877	37

32SI	38				8.971		38
32SI	39				9.003		39
32SI	40				9.192		40
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S-n	=	9.200	(	0.000)	-----		
32SI	41				9.203	1+,2+	41
32SI	42				9.543		42
32SI	43				9.701		43
32SI	44				9.782		44
32SI	45				9.934		45
32SI	46				9.975		46
S-p	=	16.416	(	0.002)	-----		
S-n	=	9.200	(	0.000)	-----		
S-2p	=	29.774	(	0.001)	-----		
S-2n	=	15.787	(	0.000)	-----		
S-alpha	=	11.483	(	0.000)	-----		
S+p	=	-9.549	(	0.001)			
S+n	=	-4.508	(	0.001)			
S+2p	=	-20.432	(	0.000)			
S+2n	=	-12.057	(	0.001)			
S+alpha	=	-9.011	(	0.000)			
gap p	=	6.867	(	0.003)			
gap n	=	4.692	(	0.001)			
gap 2p	=	9.342	(	0.001)			
gap 2n	=	3.731	(	0.001)			
gap alpha	=	2.471	(	0.001)			