^{42}Ti $Z = 22$ $N = 20$ link to full NNDC output

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 346.888 (0.000) MeV
Qbeta+ = 7.016 (0.000) MeV

	Energy	T	J+		J-		J-other		T1/2	
42TI 1	0.000		0+					1	208.65 MS	80
42TI 2	1.555		2+					2	0.44 PS	11
42TI 3	1.854		0+					3	0.14 PS	GT
42TI 4					2.396	(2+)		4	0.22 PS	13
42TI 5	2.677		4+					5	1.4 PS	GT
42TI 6					2.730			6		
42TI 7					2.945			7		
42TI 8	3.043		6+					8	3.12 NS	21
42TI 9					3.130			9		
42TI 10					3.280			10		
42TI 11					3.335			11		
42TI 12				3.440		1-		12		
42TI 13					3.540			13		
42TI 14					3.660			14		
42TI 15	3.744		2+					15	0.17 PS	LT
S-p = 3.751 (0.000)										
42TI 16					3.850			16		
42TI 17					3.990			17		
42TI 18					4.130			18		
42TI 19	4.245		0+					19		
42TI 20				4.375		3-		20		
42TI 21					4.400			21		
42TI 22	4.440		2+					22		
42TI 23	4.665		2+					23		
42TI 24					4.730			24		
S-2p = 4.836 (0.000)										
42TI 25					4.890			25		
42TI 26	4.950		4+					26		
42TI 27					5.160			27		
42TI 28	5.220		4+					28		
S-alpha= 5.471 (0.000)										
42TI 29	5.555		0+					29		
42TI 30					6.370	(0+)		30		
42TI 31					6.445			31		
42TI 32					7.500			32		

```
S-p    =   3.751 ( 0.000)----------------------------------------------------------------------
S-n    =  17.478 ( 0.028)----------------------------------------------------------------------
S-2p   =   4.836 ( 0.000)----------------------------------------------------------------------
S-2n   =  32.397 ( 0.160)----------------------------------------------------------------------
S-alpha=   5.471 ( 0.000)----------------------------------------------------------------------

S+p       =  -0.101 ( 0.043)
S+n       = -12.288 ( 0.007)
S+2p      =   0.000 ( 0.000)
S+2n      = -28.587 ( 0.001)
S+alpha   =  -6.792 ( 0.011)

gap p     =   3.651 ( 0.043)
gap n     =   5.191 ( 0.029)
gap 2p    =   0.000 ( 0.000)
gap 2n    =   3.810 ( 0.160)
gap alpha =  -1.321 ( 0.011)
```