

$^{110}\text{Tc}$        $Z = 43$        $N = 67$       adopted link      ENSDF link

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

BE = 925.239 ( 0.009) MeV

Qbeta- = 9.038 ( 0.013) MeV

	Energy T	J+	J-	J-other	T1/2
110TC 1				0.000 (2,3+)	1 0.900 S 13
110TC 2				0.040	2
110TC 3				0.053 (1+)	3
110TC 4				0.142 (1+)	4 10 NS LT
110TC 5				0.152	5
110TC 6				0.185 (1+)	6
110TC 7				0.240	7
110TC 8				0.257	8
110TC 9				0.263 (1+)	9
110TC 10				0.267	10
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110TC 11				0.366	11
110TC 12				0.468 (1+)	12
110TC 13				0.479	13
110TC 14				0.512	14
110TC 15				0.590	15
110TC 16				0.605	16
110TC 17				0.741 (1+)	17
110TC 18				0.783	18
110TC 19				0.909 (1+)	19
110TC 20				0.962	20
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110TC 21				1.271	21
110TC 22				1.430	22
110TC 23				1.918	23
110TC 24				2.046	24
110TC 25				2.699	25
110TC 26				2.792	26
110TC 27				3.677	27

S-p = 11.664 ( 0.015)-----

S-n = 4.823 ( 0.014)-----

S-2p = 26.067 ( 0.013)-----

S-2n = 11.254 ( 0.013)-----

S-alpha= 7.257 ( 0.010)-----

S+p = -13.040 ( 0.014)

S+n = -6.061 ( 0.014)

S+2p = -23.274 ( 0.045)

S+2n = -10.367 ( 0.011)  
S+alpha = -7.101 ( 0.072)

gap p = -1.375 ( 0.020)  
gap n = -1.238 ( 0.020)  
gap 2p = 2.793 ( 0.047)  
gap 2n = 0.887 ( 0.017)  
gap alpha = 0.156 ( 0.073)