

$^{42}\text{V}$        $Z = 23$        $N = 19$       adopted link      ENSDF link

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

BE = 328.608 (-0.210) MeV

Qbeta+ = 17.498 ( 0.210) MeV

	Energy T	J+	J-	J-other	T1/2
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S-p	= -0.802 (-0.212)				
$^{42}\text{V}$	1			0.000	1 55 NS LT
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S-p	= -0.802 (-0.212)				
S-n	= 15.983 (-0.293)				
S-2p	= 1.661 (-0.210)				
S-2n	= 36.208 (-0.350)				
S-alpha	= 5.774 (-0.283)				
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S+p	= -1.632 (-0.301)				
S+n	= -18.381 (-0.214)				
S+2p	= 0.500 (-0.373)				
S+2n	= -32.344 (-0.210)				
S+alpha	= -7.236 (-0.227)				
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gap p	= -2.434 ( 0.368)				
gap n	= -2.398 ( 0.363)				
gap 2p	= 2.161 ( 0.428)				
gap 2n	= 3.864 ( 0.408)				
gap alpha	= -1.462 ( 0.363)				