

${}^4\text{Li}$        $Z = 3$        $N = 1$       adopted link    ENSDF link

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

BE      =      4.615 ( 0.212) MeV

Qbeta+ =      22.898 ( 0.212) MeV

	Energy T	J+	J-	J-other	T1/2
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S-p	= -3.103	( 0.244)	-----		
4LI	1		0.000 1	2-	1
4LI	2		0.320 1	1-	2 7.35 MEV
4LI	3		2.080 1	0-	3 9.35 MEV
S-2p	= 2.390	( 0.212)	-----		
4LI	4		2.850 1	1-	4 13.51 MEV

S-p	= -3.103	( 0.244)	-----		
S-n	= 0.000	( 0.000)	-----		
S-2p	= 2.390	( 0.212)	-----		
S-2n	= 0.000	( 0.000)	-----		
S-alpha	= 0.000	( 0.000)	-----		

S+p	= 4.525	( 2.016)
S+n	= -21.716	( 0.218)
S+2p	= -42.703	( 2.015)
S+2n	= -27.379	( 0.212)
S+alpha	= -4.827	( 0.212)

gap p	= 1.422	( 2.031)
gap n	= 0.000	( 0.000)
gap 2p	= -40.313	( 2.026)
gap 2n	= 0.000	( 0.000)
gap alpha	= 0.000	( 0.000)