^{220}Rn $Z = 86$ $N = 134$ adopted link ENSDF link

Based on ensdf_240402 (Apr 2024), and mass evaluation from 2020

BE = 1697.796 (0.002) MeV

	Energy	T	J+		J-		J-other		T1/2	
S-alpha= -6.405 (0.003)										
220RN 1	0.000		0+					1	55.6 S	1
220RN 2	0.241		2+					2	0.146 NS	5
220RN 3	0.534		4+					3		
220RN 4				0.645		1-		4		
220RN 5				0.663		(3-)		5		
220RN 6				0.852		(5-)		6		
220RN 7	0.874		(6+)					7		
220RN 8				1.128		(7-)		8		
220RN 9	1.244		(8+)					9		
220RN 10				1.462		(9-)		10		
220RN 11	1.631		(10+)					11		
220RN 12				1.834		(11-)		12		
220RN 13	2.034		(12+)					13		
220RN 14				2.227		(13-)		14		
220RN 15	2.453		(14+)					15		
220RN 16				2.638		(15-)		16		
220RN 17	2.887		(16+)					17		
220RN 18				3.069		(17-)		18		
220RN 19	3.325		(18+)					19		
220RN 20				3.510		(19-)		20		
220RN 21	3.764		(20+)					21		
220RN 22				3.961		(21-)		22		

S-p = 7.073 (0.004)
S-n = 6.289 (0.003)
S-2p = 12.323 (0.003)
S-2n = 10.748 (0.003)
S-alpha= -6.405 (0.003)

S+p = -4.624 (0.005)
S+n = -4.212 (0.006)
S+2p = -10.870 (0.005)
S+2n = -10.383 (0.003)
S+alpha = 5.789 (0.003)

gap p = 2.449 (0.006)

```
gap n     =   2.077 ( 0.007)
gap 2p    =   1.453 ( 0.006)
gap 2n    =   0.365 ( 0.004)
gap alpha =  -0.616 ( 0.004)
```