

82-Pb-204 (n, n') 82-Pb-204m

Abundance (%) = 1.4 ± 0.1

Isomeric state

$T_{1/2}$ = 67.2m 3

E_{level} = 2185.79 ± 0.05 keV

J_{π} = 9^{-}

E_{γ} = 899.15 ± 0.10 keV

I_{γ} = 99.17 ± 0.02

IT

E_{γ} = 911.74 ± 0.15 keV

I_{γ} = 90.69 ± 0.10

IT

E_{γ} = 374.74 ± 0.10 keV

I_{γ} = 89.25 ± 14.88

IT

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|--------|--------|----|--------------------|-----------------|-------------------------|----------|
| 2.6+06 | 9.9+06 | 51 | 1USAANL | R,ANL-NDM-37 | 1977 D.L.SMITH, | 10757002 |
| 2.2+06 | 2.6+06 | 4 | 1USAANL | R,ANL-NDM-37 | 1977 D.L.SMITH, | 10757003 |
| 2.3+06 | 4.9+06 | 10 | 1USAANL | R,ANL-NDM-37 | 1977 D.L.SMITH, | 10757004 |
| 3.4+06 | 4.0+06 | 8 | 1USAANL | R,ANL-NDM-37 | 1977 D.L.SMITH, | 10757005 |
| 1.5+07 | 1.5+07 | 1 | 3HUNDEB | J,AHP,23,87 | 1967 J.CSIKAI, | 30119009 |
| 1.4+07 | 1.4+07 | 1 | 2JPNKTO | C,88MITO,261 | 1988 K.KOBAYASHI, | 22093024 |
| 1.4+07 | 1.4+07 | 1 | 1USAGIT 1USAVBT | J,NP/A,180,157 | 1972 A.K.HANKLA, | 10244018 |
| 1.4+07 | 1.4+07 | 1 | 2UK NPL | J,ANE,17,107 | 1990 T.B.RYVES, | 22148004 |
| 2.8+06 | 2.8+06 | 1 | 3HUNDEB | J,AK,10,(2),112 | 1968 P.BORNEMISZA-PAUSP | 30338010 |
| 1.4+07 | 1.5+07 | 2 | 4RUSEPA | R,YK-9,50 | 1972 G.N.MASLOV, | 40136021 |

$^{204}\text{Pb}(n,n')^{204\text{m}}\text{Pb}$ 