

- Atomic Mass: 206.9784552 +- 0.0000038 amu
- Excess Mass: -20068.833 +- 3.581 keV
- Binding Energy: 1625897.322 +- 3.592 keV
- Beta Decay Energy: B- -2909.065 +- 6.443 keV

"The 1995 update to the atomic mass evaluation" by G.Audi and A.H.Wapstra, Nuclear Physics A595 vol. 4 p.409-480, December 25, 1995.

- Spin: 9/2-
- Half life: 31.55 years
- Mode of decay: [Electron capture](#) to [Pb-207](#)
  - Decay energy: 2.398 MeV

Meta state at 2.101 Mev

- Spin: 21/2+
- Half life: 182 us
- Mode of decay: [IT](#)
  - Decay energy: 2.102 MeV

- Possible parent nuclides:
  - Electron capture from [Po-207](#)
  - Alpha from [At-211](#)

R.R.Kinsey, et al.,*The NUDAT/PCNUDAT Program for Nuclear Data*,paper submitted to the 9 th International Symposium of Capture-Gamma\_raySpectroscopy and Related Topics , Budapest, Hungary, Octover 1996.Data extracted from NUDAT database (Jan. 14/1999)

Magnetic Dipole Moments and Electric Quadrupole Moments						
Ex(kev)	T <sub>1/2</sub>	Spin	m(nm)	Q(b)	Ref. Std.	MethodReference
0	32.2 y	9/2-	4.081(9)		[209Bi]	O ZP A321 85 (85)
					[209Bi]	O ZP A321 85 (85)
2101	182 ms	21/2+	+3.43(2)			TDPAD ZfK-445 51 (81)
			+3.41(6)			SOPAD NP A186 97 (72)
				0.044(8)	[202 Bi 615]	LEMS <a href="#">PR C43 2560 (91)</a>

N. J. Stone, [Table of Nuclear Magnetic Dipole and Electric Quadrupole Moments](#), to be published. 2000 Courtesy of T. Burrows at BNL/NNDC.