

Results:

Dataset #1:

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Parent Nucleus	Parent E(level)	Parent J π	Parent T _{1/2}	Decay Mode	GS-GS Q-value (keV)	Daughter Nucleus	Decay Scheme	ENSDF file
²¹⁰ ₈₄ Po	0.0	0+	138.376 d 2	α : 100 %	5407.45 7	²⁰⁶ ₈₂ Pb		

Alphas:

Energy (keV)	Intensity (%)	Dose (MeV/Bq-s)
4516.58 10	0.00104 % 6	4.7E-5 3
5304.33 7	100 %	5.30433

Electrons:

	Energy (keV)	Intensity (%)	Dose (MeV/Bq-s)
Auger L	7.97	5.3E-6 % 3	4.21E-10 23
Auger K	56.7	3.1E-7 % 4	1.74E-10 21
CE K	715.06 3	8.3E-6 % 5	5.9E-8 4
CE L	787.20 3	1.80E-6 % 11	1.41E-8 8
CE M	799.21 3	4.3E-7 % 3	3.46E-9 21
CE N	802.17 3	1.10E-7 % 7	8.8E-10 5
CE O	802.98 3	2.12E-8 % 13	1.70E-10 10
CE P	803.06 3	1.95E-9 % 12	1.56E-11 9

Gamma and X-ray radiation:

	Energy (keV)	Intensity (%)	Dose (MeV/Bq-s)
XR 1	10.6	3.23E-6 % 20	3.42E-10 22
XR k α 2	72.805	2.29E-6 % 15	1.67E-9 11
XR k α 1	74.969	3.83E-6 % 24	2.87E-9 18
XR k β 3	84.45	4.6E-7 % 3	3.90E-10 25
XR k β 1	84.938	8.9E-7 % 6	7.5E-10 5
XR k β 2	87.3	3.24E-7 % 21	2.83E-10 18
	803.06 3	0.00103 % 6	8.3E-6 5