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Barium 137 is radioactive. Activity of a sample of Barium 137 was measured as a function of time, and the results are shown in file ‘decay.txt’. We would expect that for radioactive decay,

N=Noe−t/τ

where τ=t1/2 ln 2.

* Find the half-life t1/2for Barium 137. Support your answer with a graph and a curve fit, of course!