

(16.10) Based on the redox diagrams in Figure 16.6, estimate the reduction potentials for the one-electron step in the following series of plutonium species in acid solution: Pu(III), Pu(IV), Pu(V), and Pu(VI).

Pu(III)/Pu(IV): about 970 mV

Pu(IV)/Pu(V): about 1050 mV

Pu(V)/Pu(VI): about 930 mV