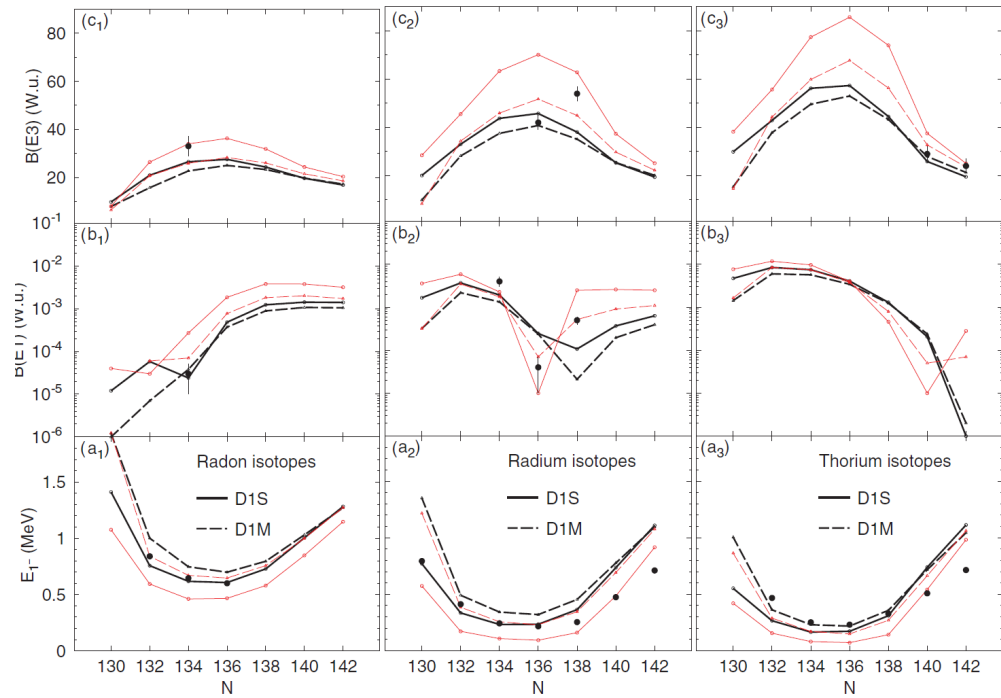


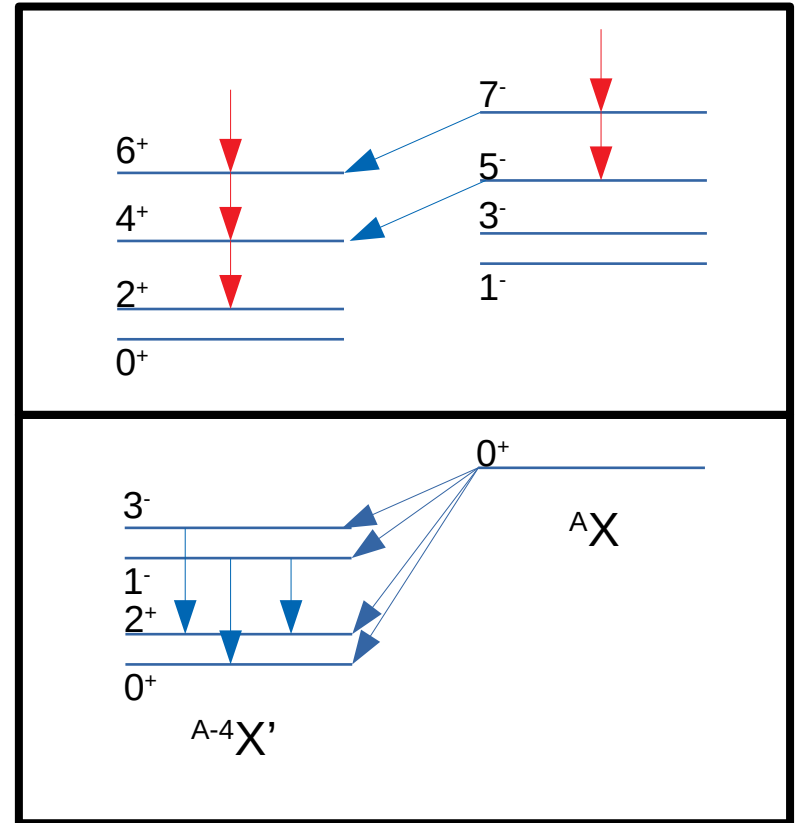
Gas Differential Doppler Shift Attenuation Method (GasDDSAM) overview

Dave O'Donnell
University of the West of Scotland

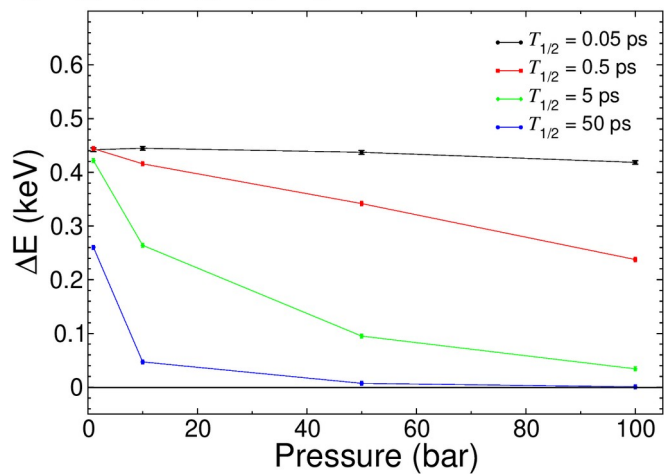
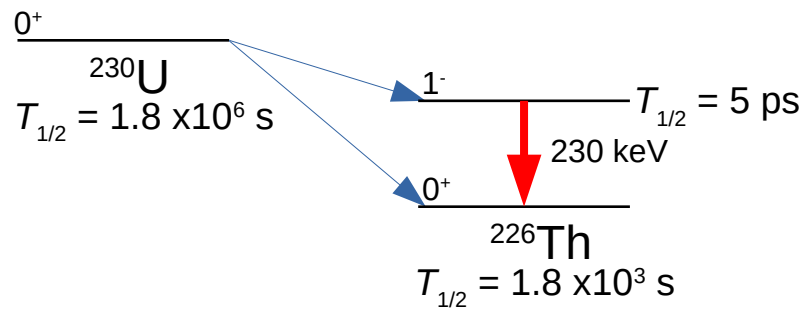
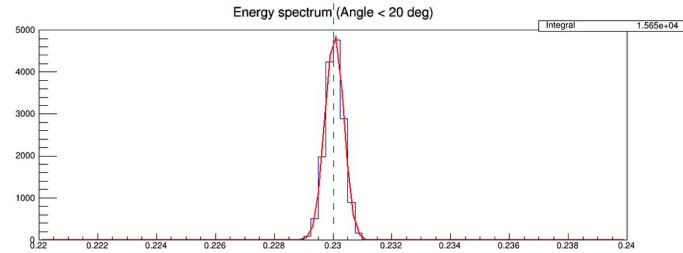
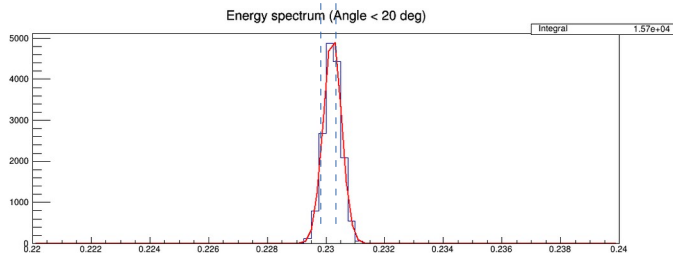
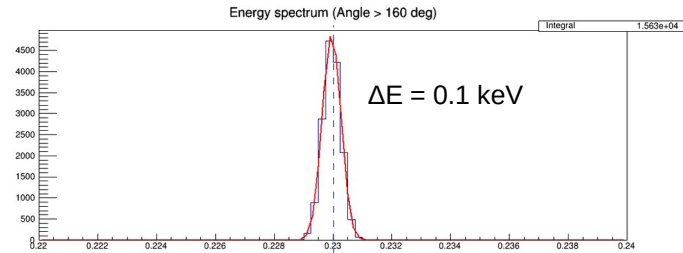
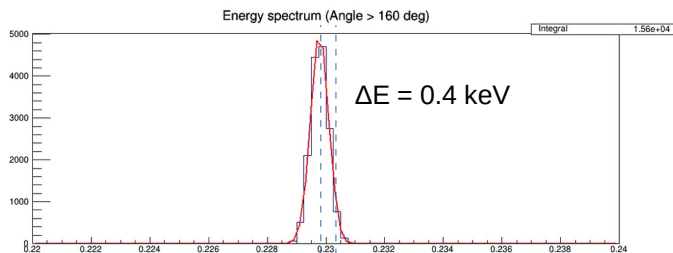
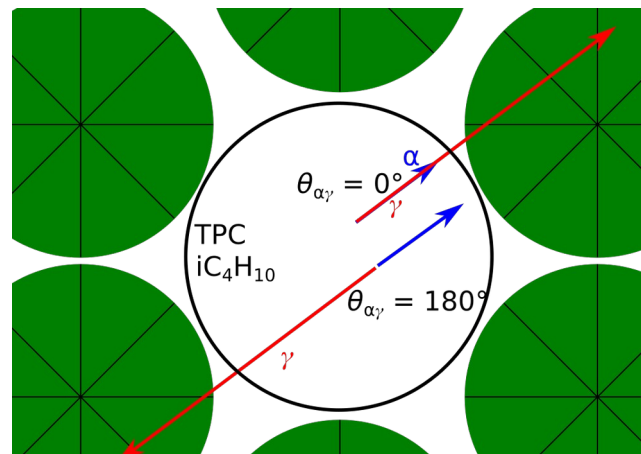
Motivation



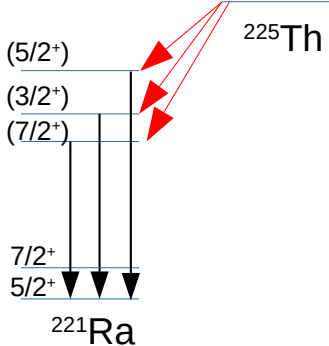
Robledo and Butler PRC **88** 051302(R) (2013)



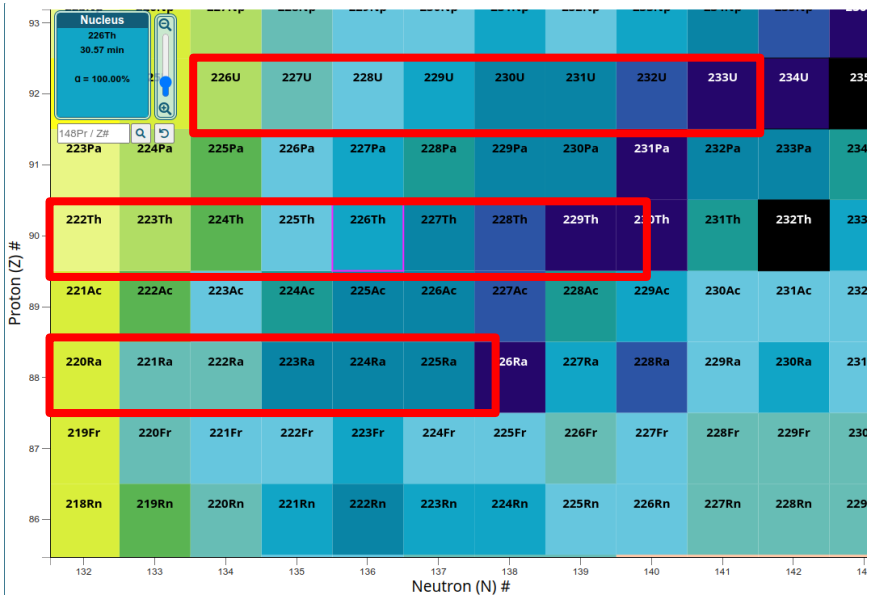
Technique



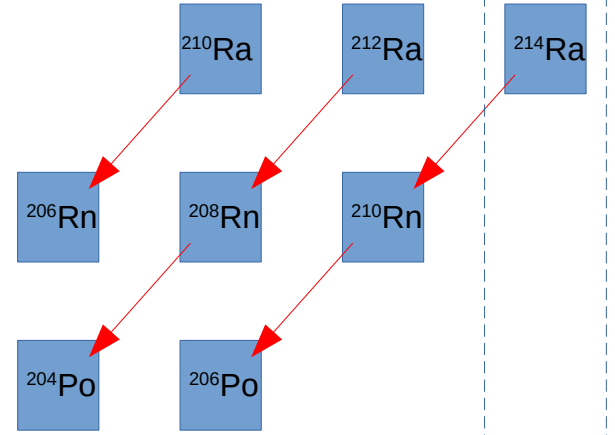
Physics cases



Odd-A and even-even actinide



Quadrupole deformation near $Z = 82$ and $N = 126$ shell closures



$Z = 82$ $N = 126$