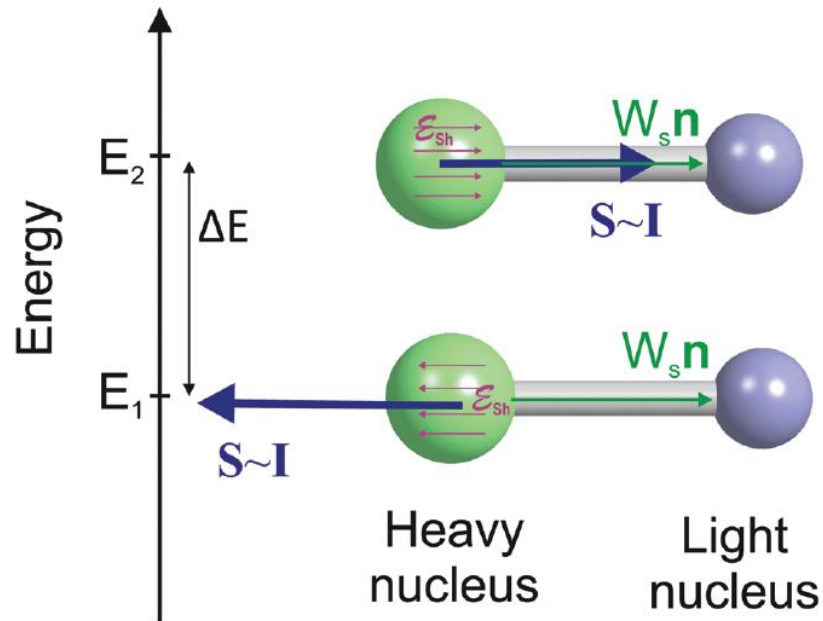


# Use of molecules to search for New Physics and study of properties of the nucleus

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T,P-violating Schiff moment in actinide molecules  
What enhancement can we get?



Beyond the point nuclear magnetic dipole moment approximation for HFS in molecules

What limits theoretical predictions of molecular HFS?

Towards a more correct estimation of the  $E_{eff}$  uncertainty for  $eEDM$  problems

**QED effects in molecules:** benchmark theoretical prediction of the transition energies in  $Ra^+$  and  $RaF$