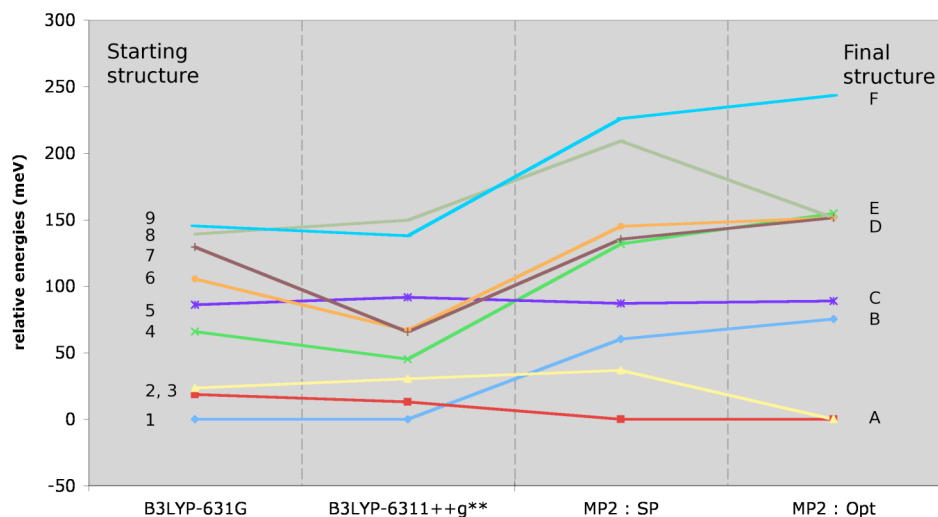


SUPPLEMENTARY MATERIAL

Photodetachment of tryptophan anion: an optical probe of remote electron

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1) Relative energies obtained with DFT and MP2 methods



10 Fig. SI-1: Relative energies obtained at the different levels of calculation. MP2:SP corresponds to the single point energies of the B3LYP-6311++G** structures calculated with MP2 method, using 6-311++G** basis set.

2) TD-DFT spectrum of deprotonated tryptophan (Conf A)

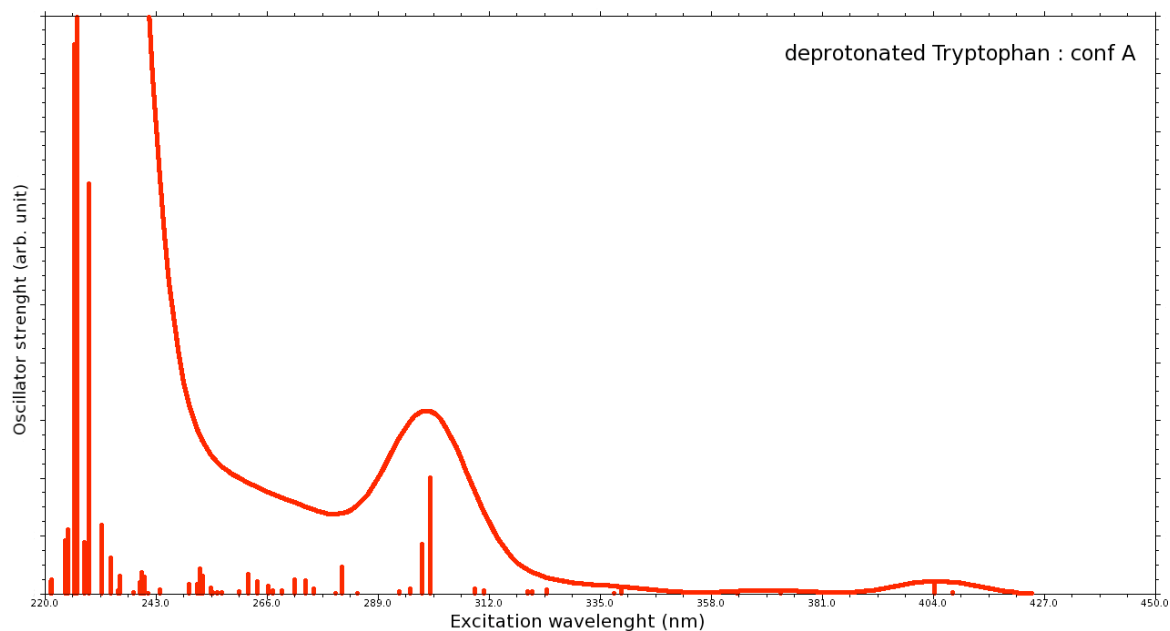


Fig. SI-2: full calculated TD-DFT spectrum of deprotonated tryptophan (conf A)