

Time resolved observation of the solvation dynamics of a Rydberg excited molecule deposited on an Argon cluster - I: DABCO* at Short Times

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Supporting Information

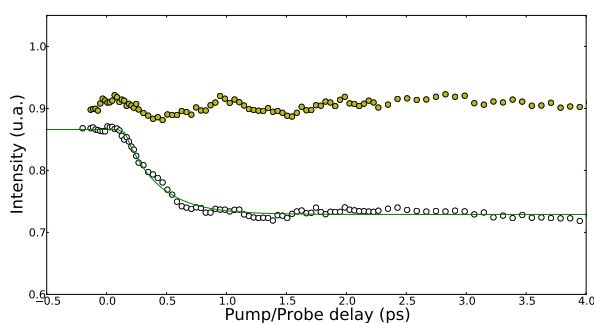


Fig. 1 Time evolution of the two main Tracks given by the Track Signal Decomposition method. The decay is fitted by an exponential function and gives a decay time of 270 ± 10 fs.

References

- 1 K. Mathivon, R. Linguerri and M. Hochlaf, *J. Chem. Phys.*, 2013, **submitted**, year.

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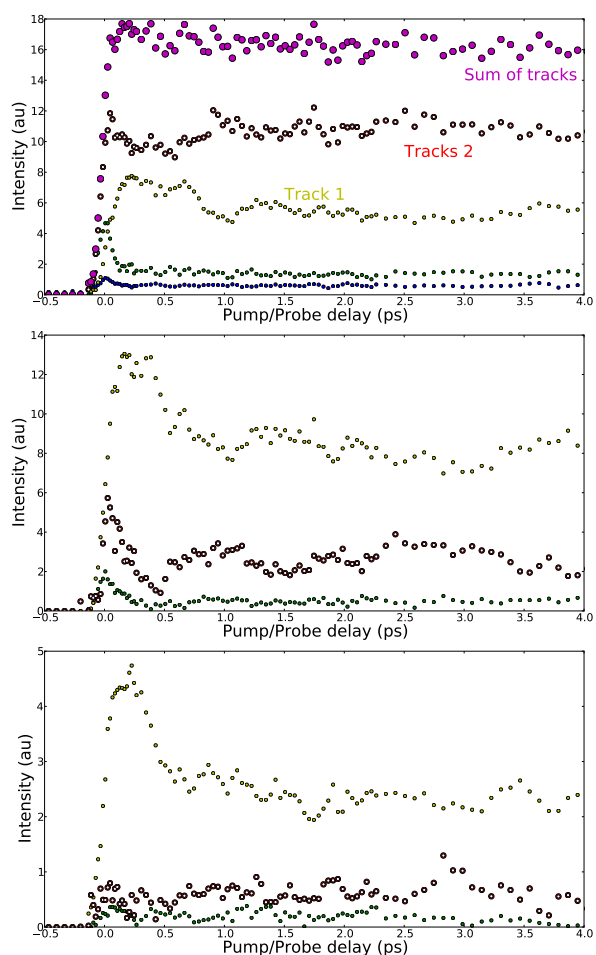


Fig. 2 Time evolution of the intensities of the Tracks given by the Track Signal Decomposition method. Top: P_0 contribution, Middle: P_2 contribution, Bottom: P_4 contribution

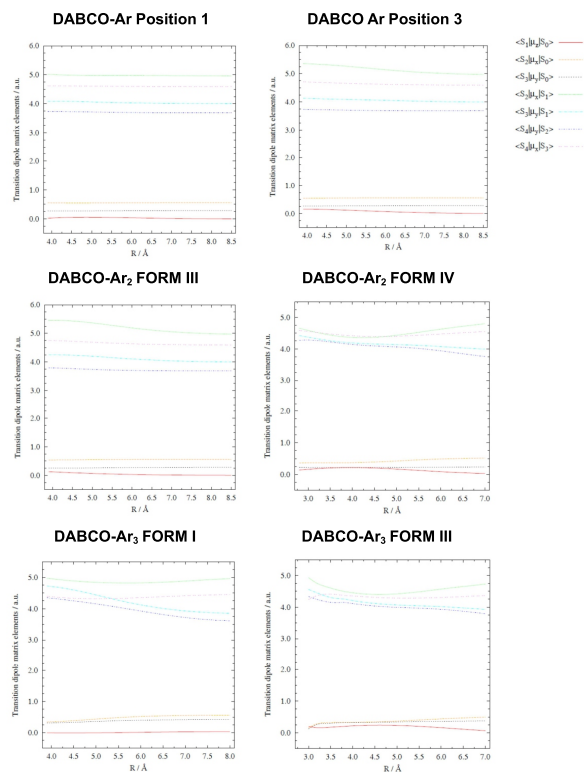


Fig. 3 Oscillators strength for a selection of transitions of DABCO-...Ar_{1,2,3} as the function of the distance. For the choice of the axis, see ref¹.