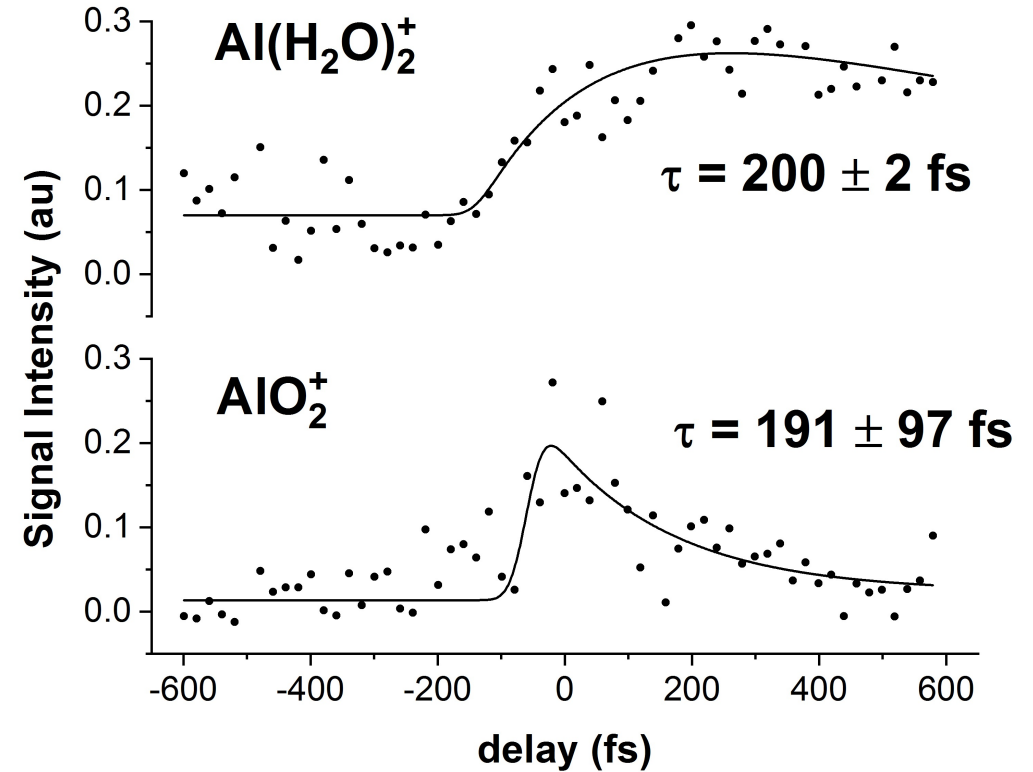
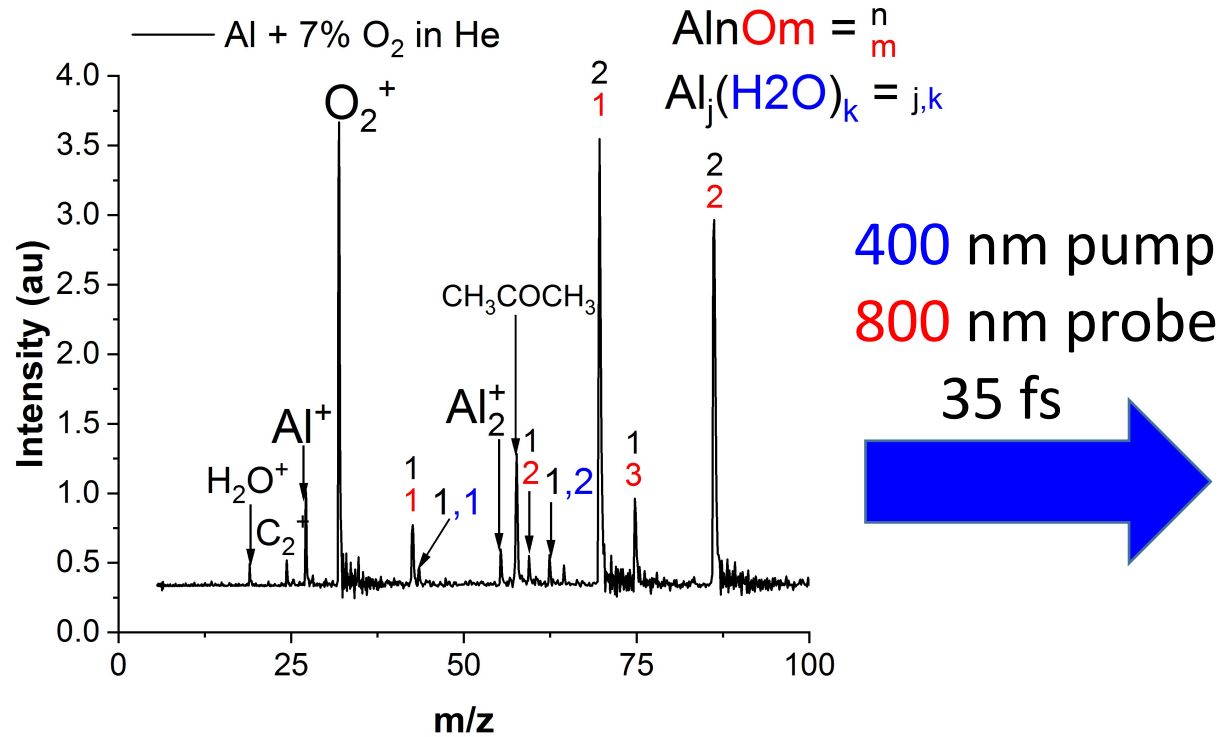


P5649: ULTRAFAST REACTION DYNAMICS OF NEUTRAL ALUMINUM OXIDE CLUSTERS USING TWO COLOR FEMTOSECOND SPECTROSCOPY

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- Ultrafast excitation of neutral Al_nO_m clusters show relaxation of excited states between 100-200 fs.
- Splitting of water from Al(H₂O)₂ clusters occur at specific pump and probe laser conditions thereby indicating the stability of these clusters.