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Title: Extensive water cluster fragmentation after low energy electron ionization

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- $(\text{H}_2\text{O})_N$ electron ionization (EI) of is compared to Na-doping-photoionization (NaPI)
- NaPI yields cluster corresponding to the scaling laws
- EI leads to a huge cluster fragmentation even at low energies
- The observed cluster fragmentation calls for a new theoretical explanation

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