

Supplementary Information

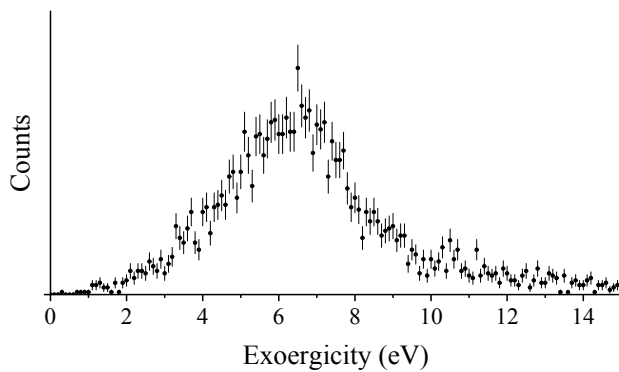


Figure SI 1: Total exoergicity spectrum for the DSET reaction, $\text{Ar}^{2+} + \text{N}_2 \rightarrow \text{Ar}^+ + \text{N}^+ + \text{N}$. The error bars represent two standard deviations of the associated counts.