

Supporting information for

Neural network potential energy surface and quantum dynamics studies for the $\text{Ca}^+(\text{}^2\text{S}) + \text{H}_2 \rightarrow \text{CaH}^+ + \text{H}$ reaction

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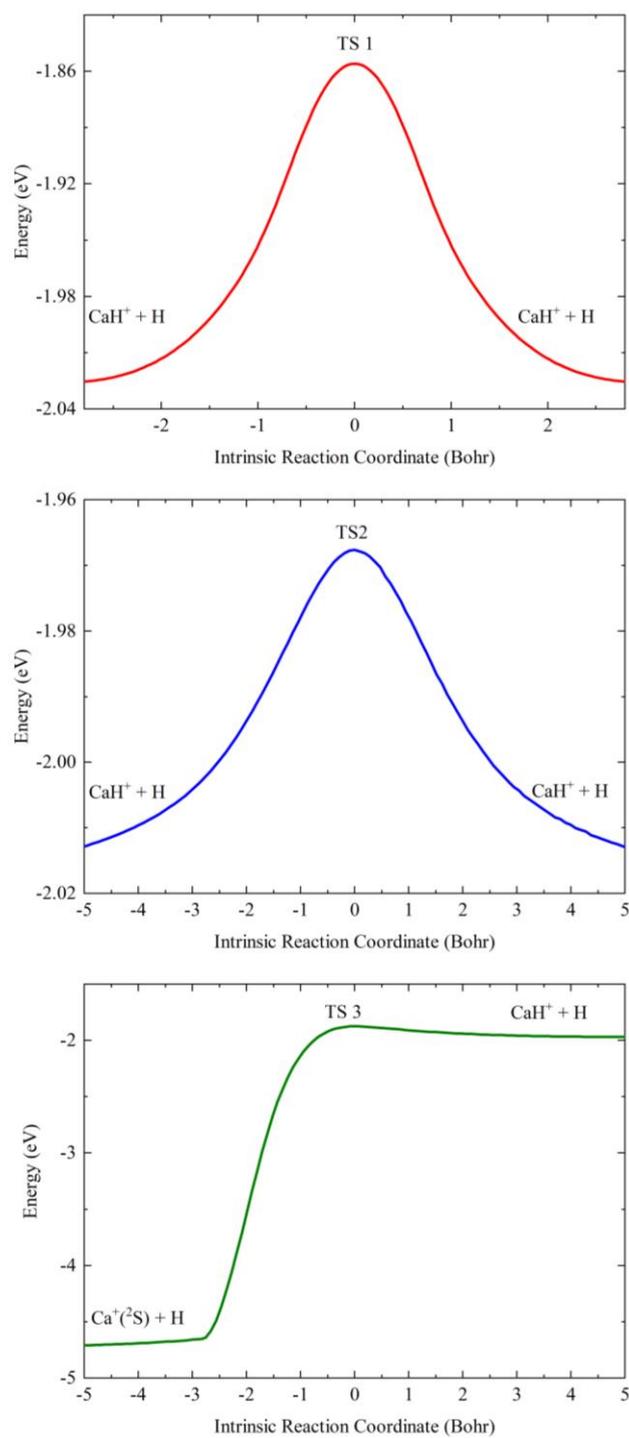


Fig. S1 IRC analysis of the TS1, TS2 and TS3 for the ground-state CaH_2^+