

Metal-Support Interactions in **Gold** Quasicrystals Deposited on **CeO₂** Catalyst

Revealed by In-Operando Powder X-Ray Diffraction Coupled with Mass Spectrometry

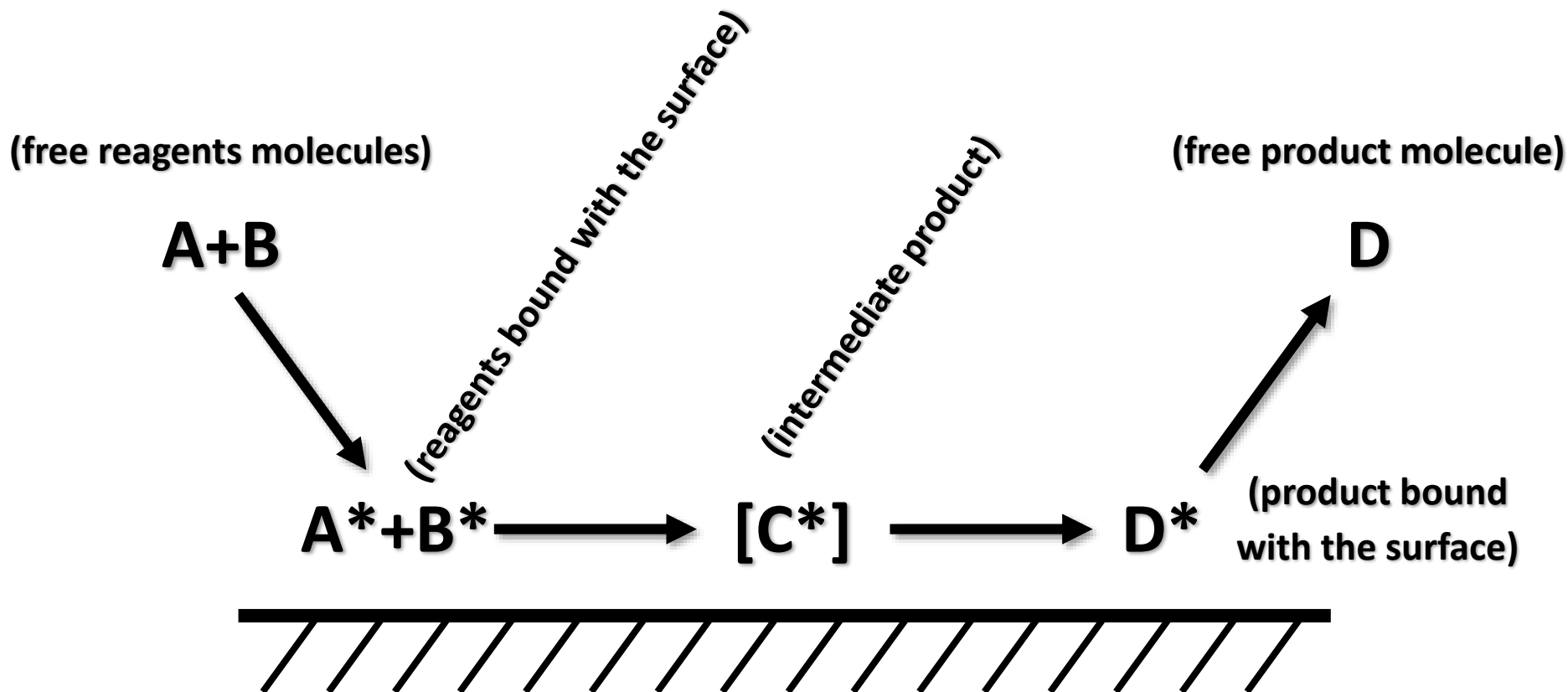
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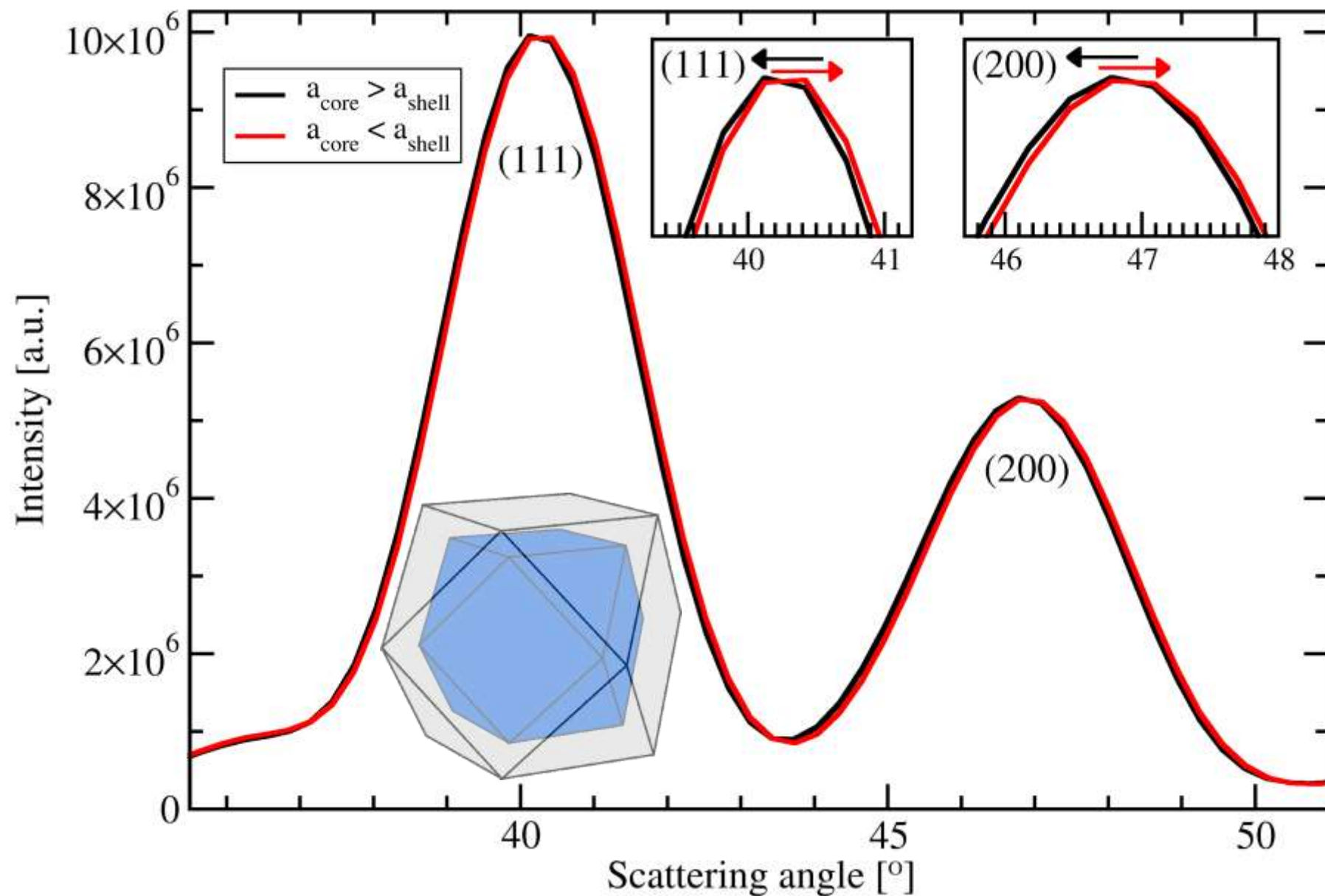
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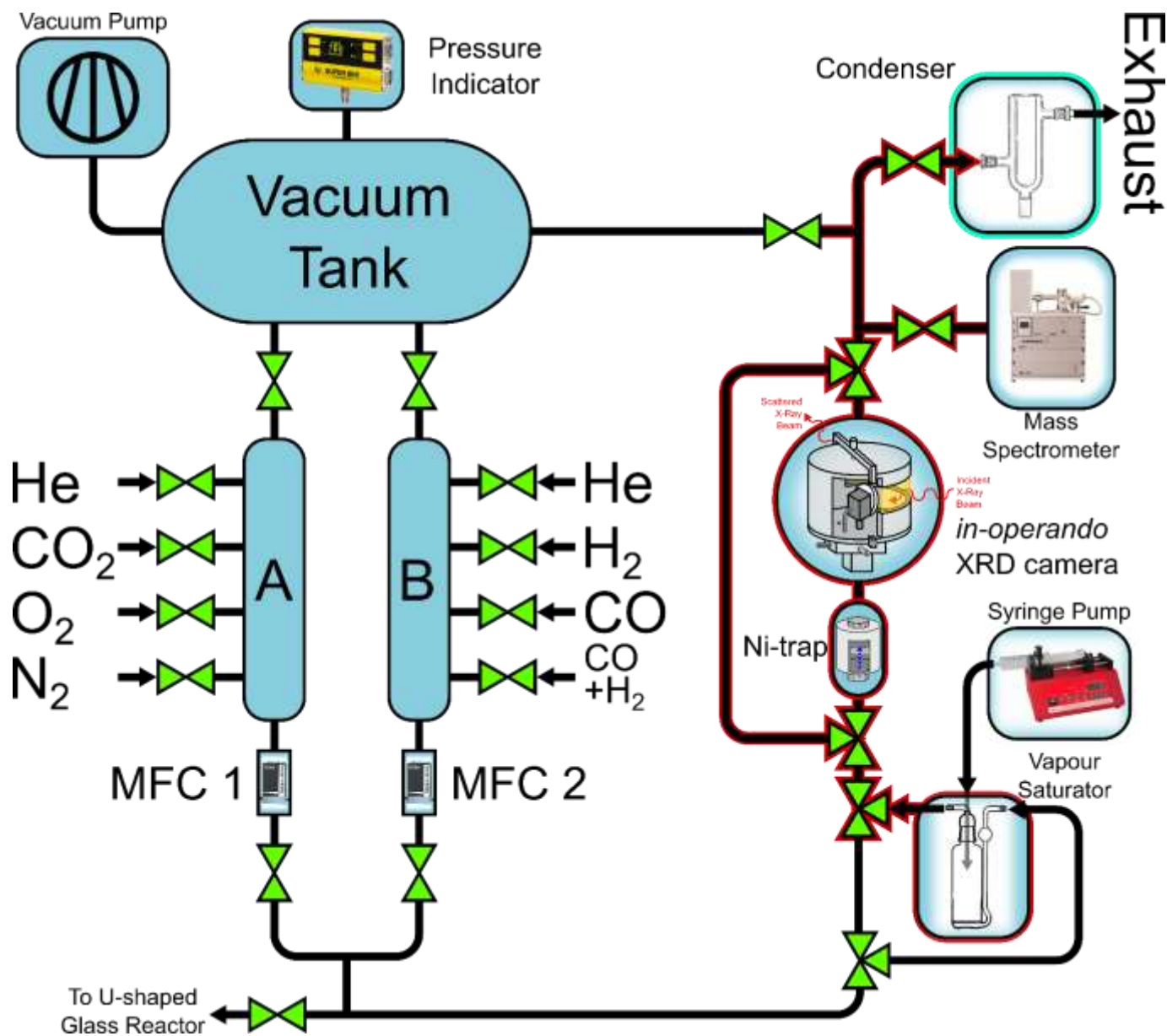
Simplified Surface Reaction Mechanism



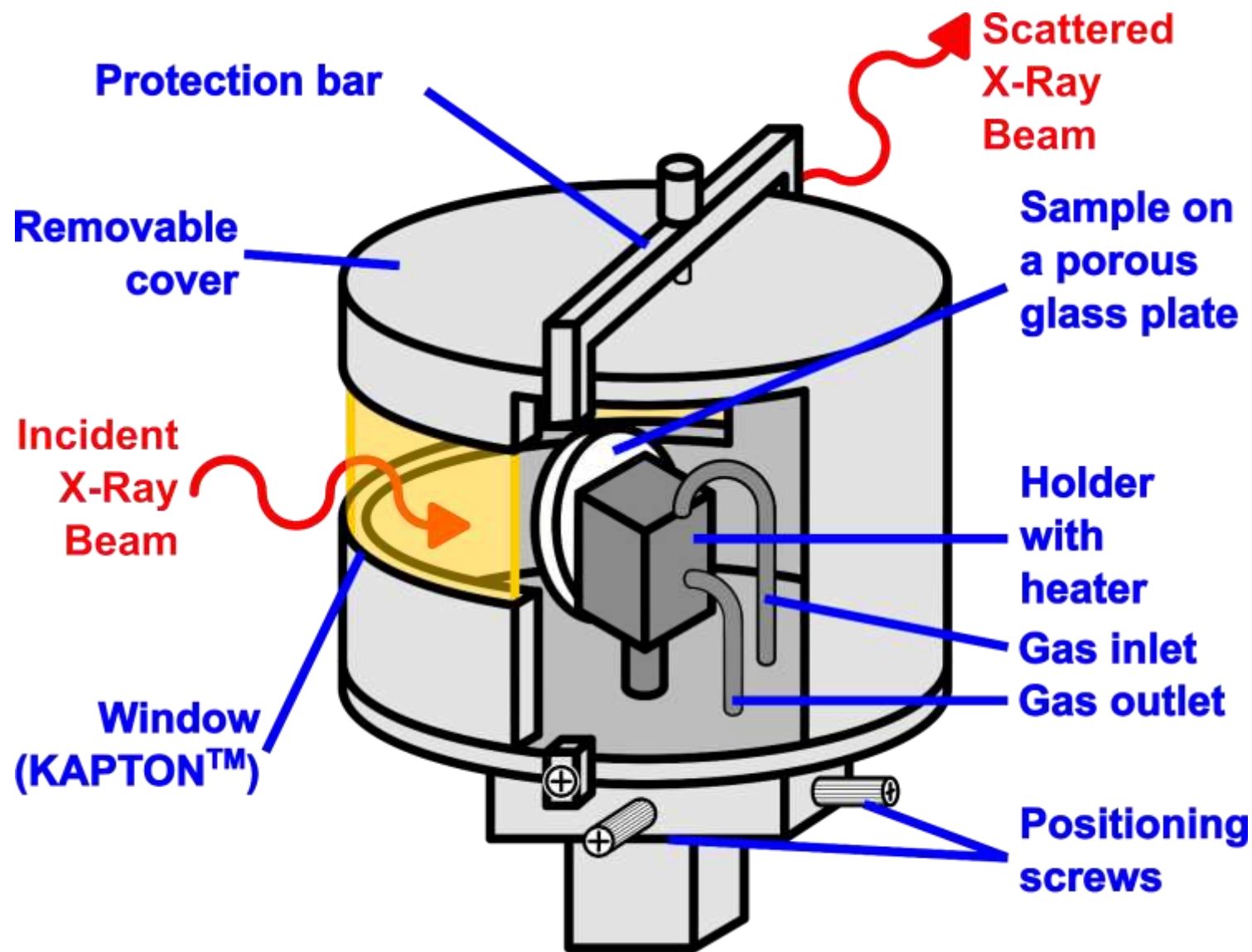
Theoretical Experiment



in-operando PXRD-MS Setup



in-operando PXRD Chamber



Apparent Lattice Parameter Measurement

