

## **Supporting Information**

for

### **Catalytic activity of nanostructured Au: Scale effects vs bimetallic/bifunctional effects in low temperature CO oxidation on nanoporous Au**

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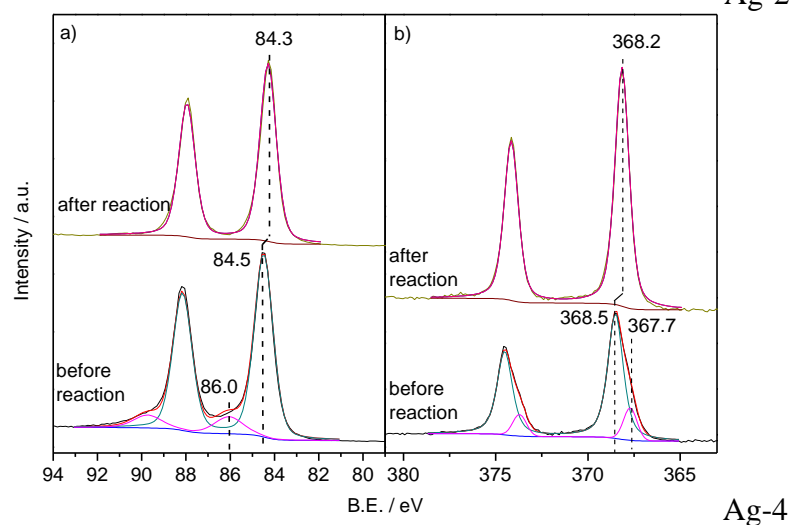
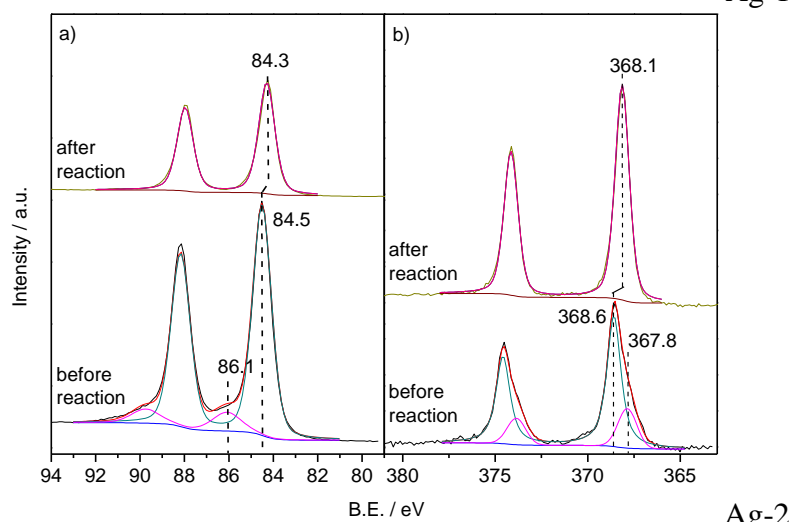
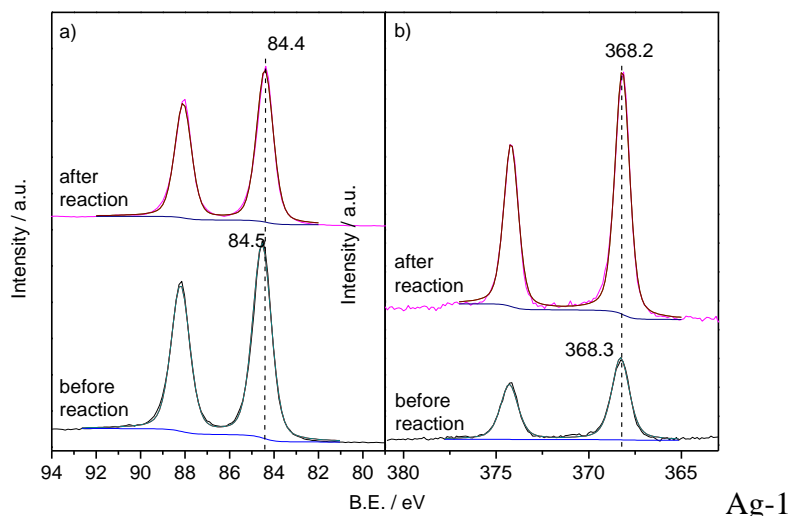
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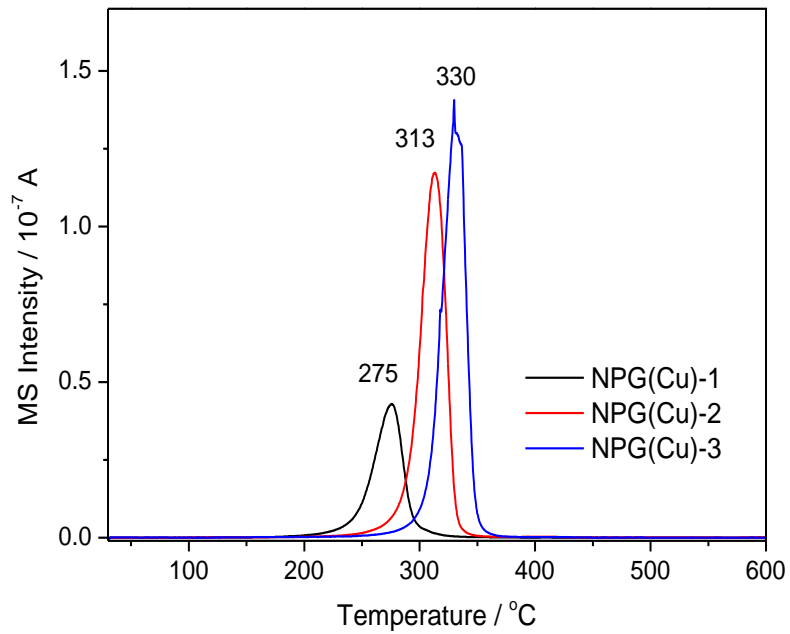
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**Additional XPS and TPD spectra**



**Figure S1:** Au(4f) (a) and Ag (3d) (b) XP spectra recorded on various NPG(Ag) catalysts before and after reaction (1000 min on stream).



**Figure S2:** O<sub>2</sub> TPD spectra recorded on various fresh NPG(Cu) catalysts.