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Electronic Supplementary Information for

**The Novel Z-Scheme Ternary-Component Ag/AgI/ α -MoO₃
Catalyst with Excellent Visible-Light Photocatalytic
Oxidation Desulfurization Performance for Model Fuel**

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Captions and Figures:

Fig. S1. XPS survey spectrum of Ag/AgI/ α -MoO₃ (AAM-35).

Fig. S2. Comparison of XRD patterns of white precipitates in Ba(NO₃)₂ solution and AAM-35.

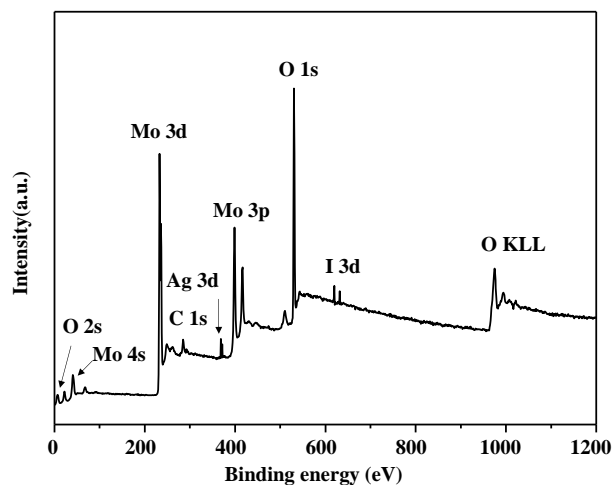


Fig. S1. XPS survey spectrum of Ag/AgI/ α -MoO₃ (AAM-35)

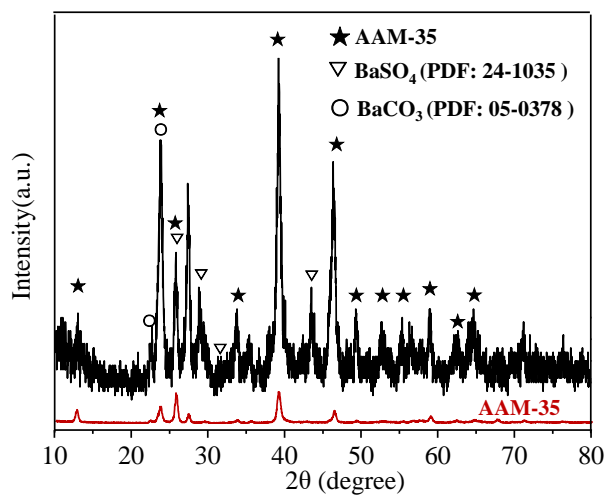


Fig. S2. Comparison of XRD pattern of white precipitates in Ba(NO₃)₂ solution and pure AAM-35.