

SUPPLEMENTARY INFORMATION

Selective Synthesis of β -TaON: The Critical Influence of Oxygen Partial Pressure in Ammonolysis

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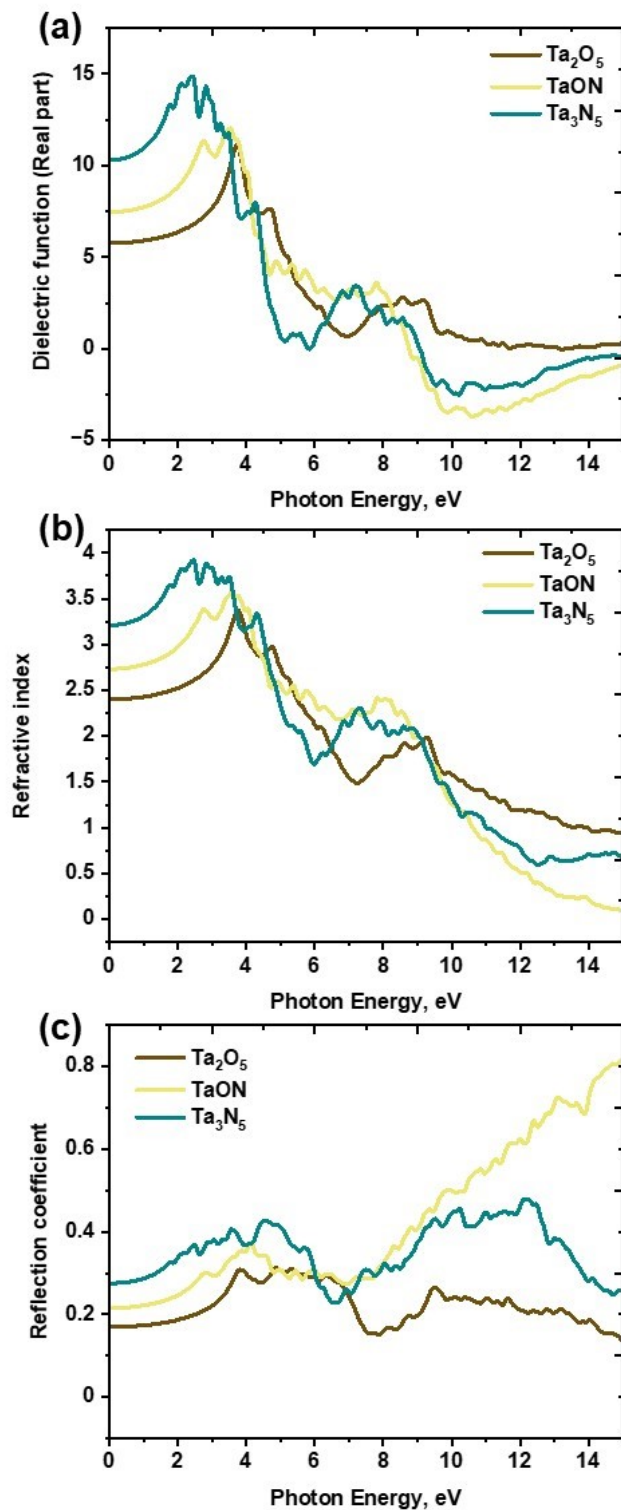


Figure S1. Dielectric function, refractive index, and reflection coefficient of Ta_2O_5 (a), $\beta\text{-TaON}$ (b), and Ta_3N_5 (c).

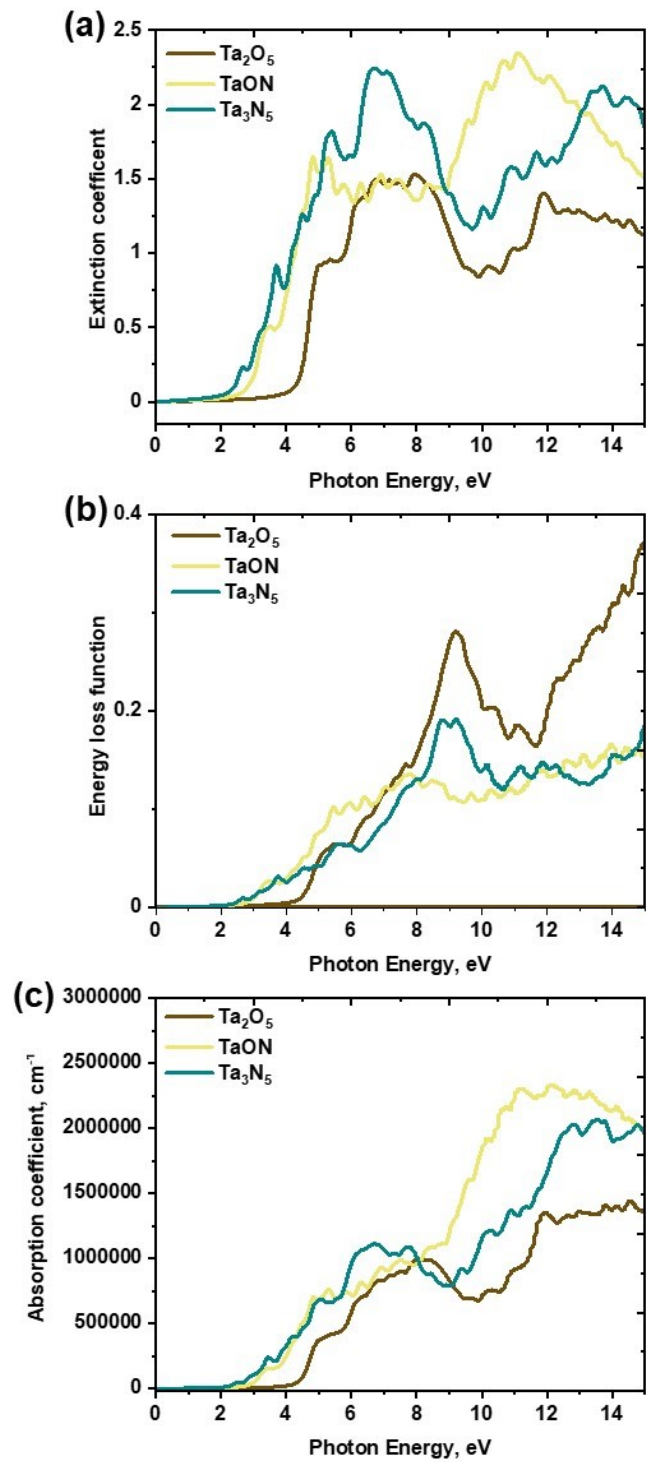


Figure S2. Extinction coefficient, energy loss function, and absorption coefficient of Ta_2O_5 (a), $\beta\text{-TaON}$ (b), and Ta_3N_5 (c).