## EOS Comparison for Zr-XO2 0.30 Reference Pre-refinement Refined 0.25 $\begin{bmatrix} -E_0 & \text{[eV/atom]} \\ 0.20 & 0.15 \end{bmatrix}$ 0.10 0.05 31 32 33 34 35 36 $V \, [\text{Å}^3/\text{atom}]$