IllustrisTNG Colors: A<sub>SN2</sub> (Sn Special) z=4.0, intrinsic 2.5 Parameter Variation 2.0 Probability Density 1.5 1.0 0.5 0.0 <del>|</del> -0.5 1.0 2.5 0.0 0.5 2.0 3.0 1.5 3.5 **FUV-NUV**