SIMBA UVLF: M<sub>BH, seed</sub> (Bh Growth) z=4.0, attenuated -2.0Parameter Variation -2.5log<sub>10</sub>  $\phi$  [Mpc<sup>-3</sup> mag<sup>-1</sup>] -4.5-5.0 <del>↓</del> -23 <del>-</del>22 \_2<sub>1</sub> -15 -20 -18 -17 -16 -19 $\mathbf{M}_{\mathsf{AB}}$