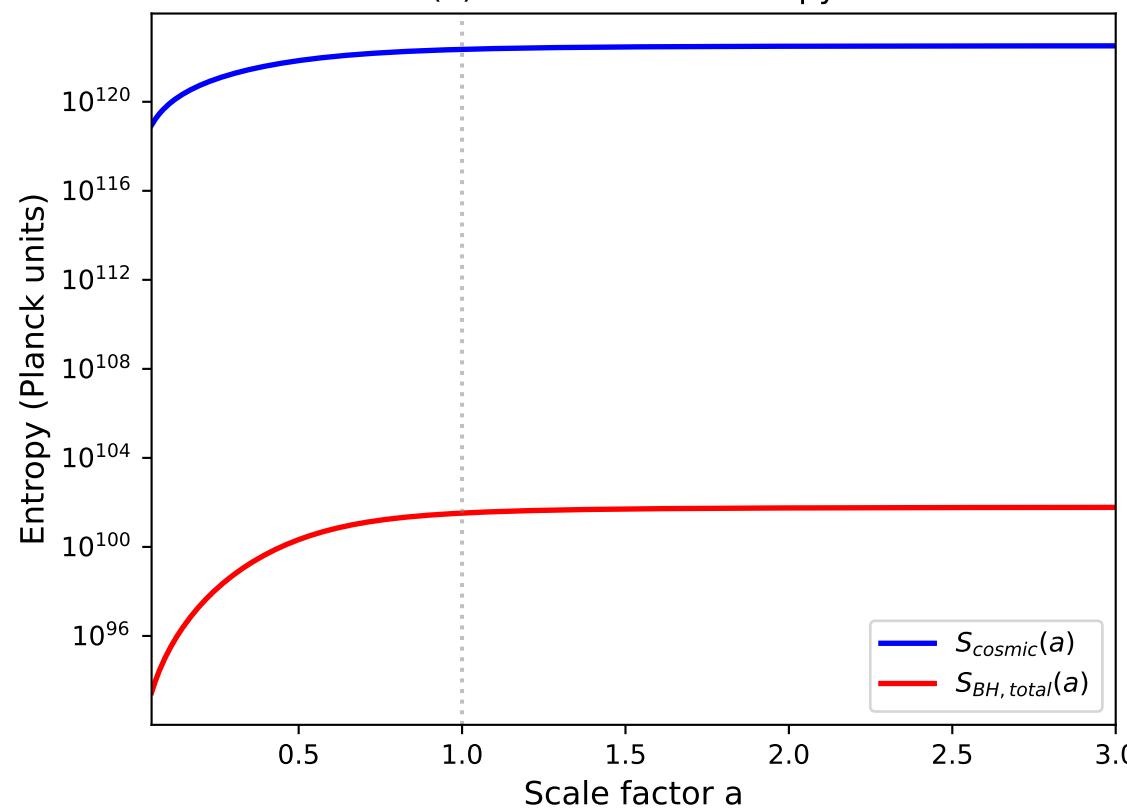
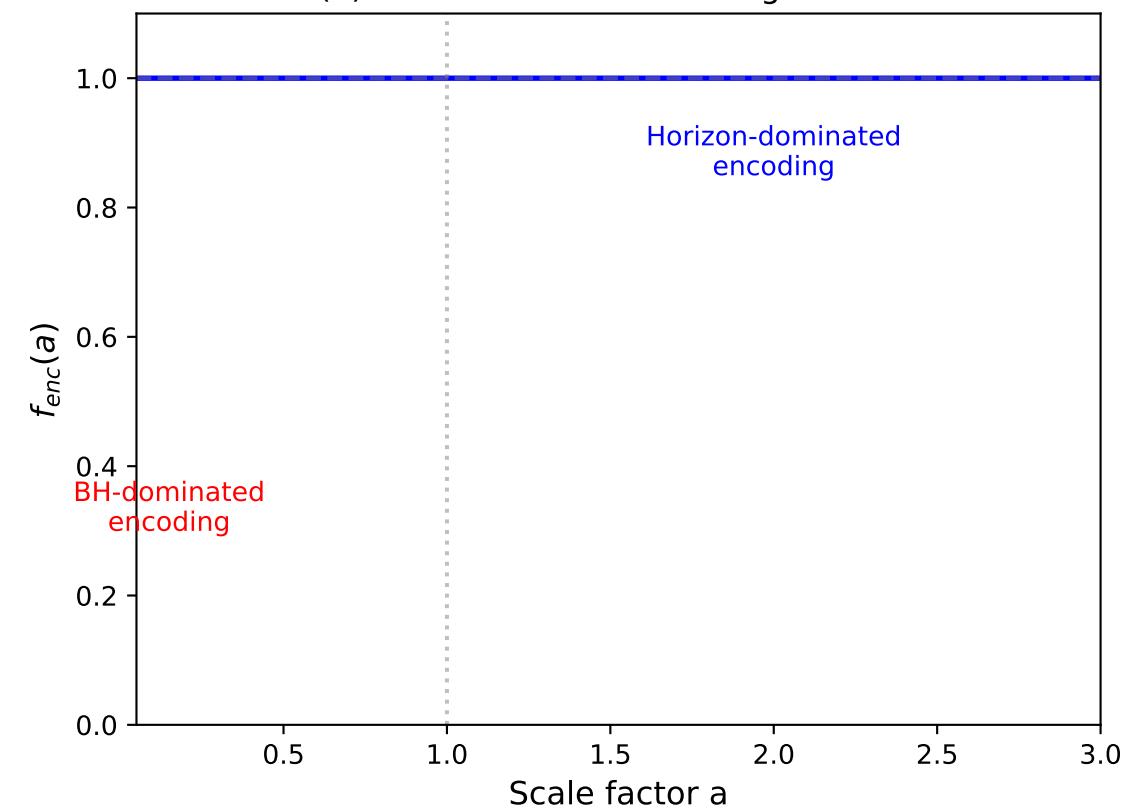


Black Hole Bridge: Formal Holographic Framework

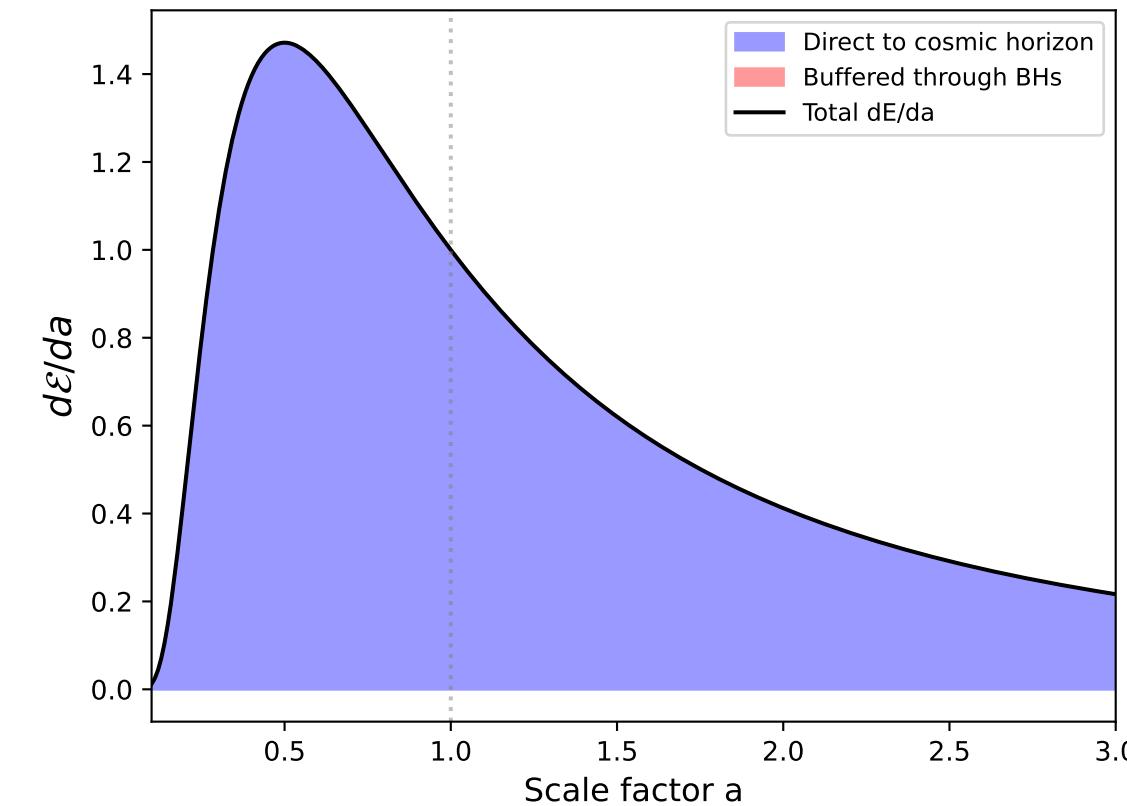
(a) Cosmic vs BH Entropy



(b) Cosmic Horizon Encoding Fraction



(c) Information Flow Channels



(d) Complete Encoding Chain

