Config: MFEM ipa-stampede2 (1 node, 12 tasks/node), intel-gcc, bp1\_v1, PA 3.0 p=1, q=p+2p=4, q=p+2p=1, q=p+1→ p=5, q=p+2 p=2, q=p+2 p=6, q=p+2p=2, q=p+1**→** p=7, q=p+2 p=3, q=p+2 p=8, q=p+22.5 [stampede2 dps] / [ipa dps] 2.0 1.5 1.0 10<sup>2</sup> 10<sup>3</sup> 10<sup>6</sup> 10<sup>7</sup>  $10^{4}$ 10<sup>5</sup> Points per compute node