Performance Ratio Between Reference PyToch and Kernel Operator: (Separate) Cartesian to  $Pt\eta\phi$ 1.8 Ratio (See Legend) - Higher is Better Tensor (CPU)/Tensor (CUDA) Tensor (CLIDA) / Kernel (CLIDA) Tensor (CUDA) / Kernel (CUDA) 1.6 1.0 0.8 0.6 0.4 20 30 40 50 60 70 80 90 10 100 Length of Tensor (Arb.)