Strong Scaling distribution for shared-memory ipvs-epyc2 with $2^{10}x2^{10}$ matrix 0.07 -HPX task sync shared HPX loop dist HPX loop shared First FFT First FFT First FFT 0.06 -Second FFT Second FFT Second FFT $\infty 0.05$ -First transpose First transpose First transpose Second transpose Second transpose Second transpose Runtime 0.04 -Data preparation Communication 0.03 -0.02 -0.01 -

16

N cores

32

64

128

0.00