$time(\mu s)$ 16 12 8 4 0 32 64 128 256 5121024 2K4K8K16K 32K65K131K communication 1.65 3.21 3.94 4.91 5.755.525.73 5.46 6.23 6.08 5.63 6.056.32 unzip 2.721.95 1.10 0.731.00 0.88 0.93 0.83 0.750.86 0.91 0.970.86 rhs 1.651.85 1.87 1.99 1.85 1.942.142.171.96 2.121.641.741.82 derivatives 0.500.550.57 0.63 0.570.60 0.820.82 0.63 0.840.540.580.61 wavelets 0.18 0.05 0.06 0.110.140.170.180.250.30 0.33 0.520.560.40Total time 6.77.6 7.5 8.4 9.3 9.1 9.8 9.5 9.9 10.2 9.29.9 10.0 Total dofs (zipped) 48.6M92.9M187.7M 342.1M 694.0M 1.4B2.8B5.6B11.0B21.7B46.4B93.9B205.8B