



Slab [2D-1D, Default]



Slab [1D-2D, Realigned]



Pencil [Realigned,  $P_2 = 2$ ]



Slab [2D-1D, Realigned]



Pencil [Default,  $P_2 = 2$ ]



3D-FFT



Slab [1D-2D, Default]