Slab [1D-2D, Realigned] Pencil [Default,  $P_2 = 2$ ] Pencil [Realigned,  $P_2 = 2$ ] Pencil [Default,  $P_2 = 4$ ] Pencil [Realigned,  $P_2 = 4$ ]  $\sum_{10^2 \uparrow}^{10^3}$ Pencil [Default,  $P_2 = 8$ ] Pencil [Realigned,  $P_2 = 8$ ]  $= 10^{1}$ 3D-FFT 128 + 256 + 256 + 512 + 512 + 512 + 512 + 1024 + 1024 + 2048 + 2048 + 2048 + 2048