fastwaves

mesh size	V100 G updated/s	A100 G updated/s
64	4.3	5.8
128	17.5	20.3
256	26.9	42.6
512	23.2	56.9

horizontal diffusion

mesh size	V100 G updated/s	A100 G updated/s
64	2.3	3.0
128	8.2	12.2
256	11.7	18.2
512	11.9	25.3