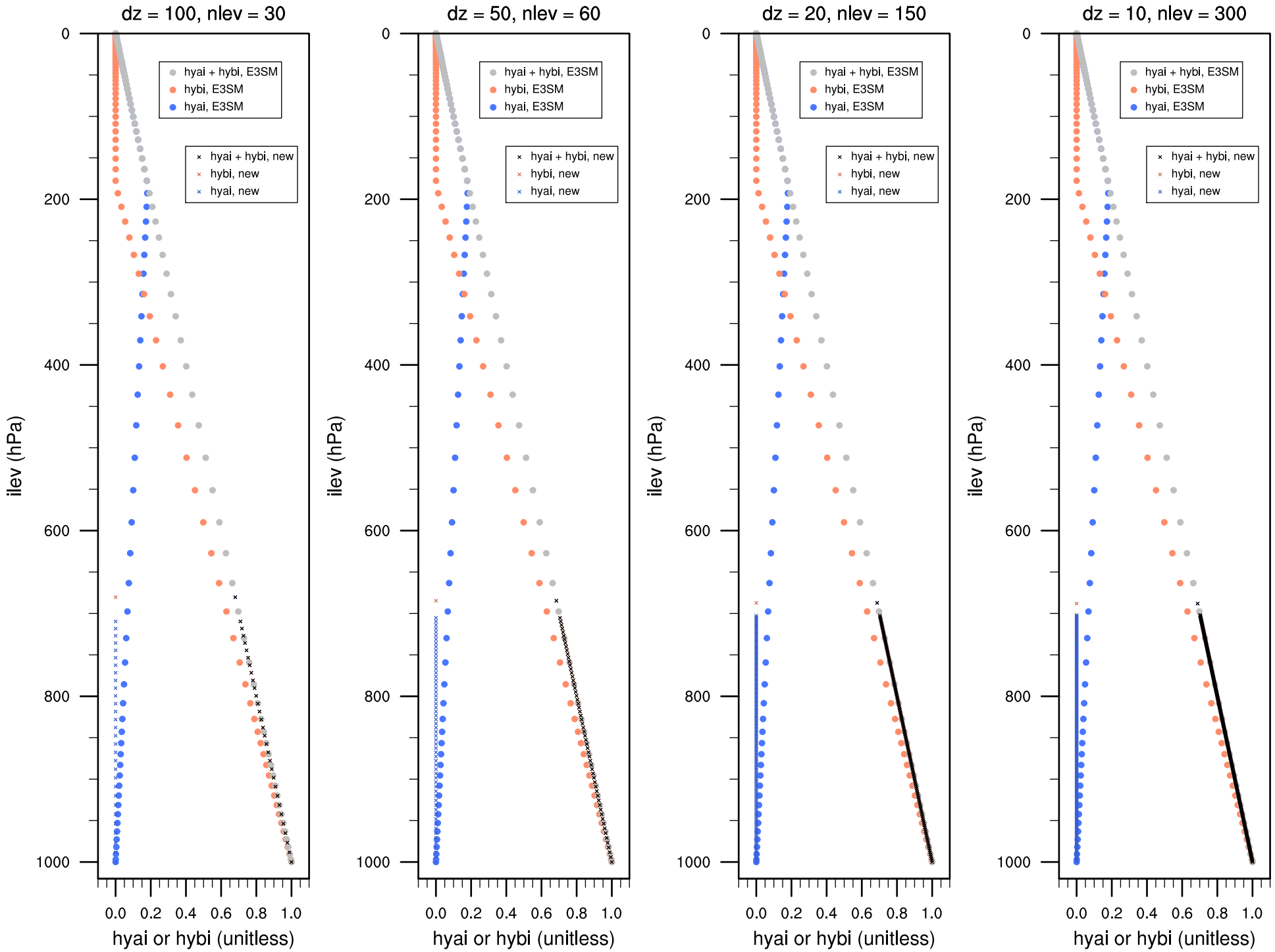
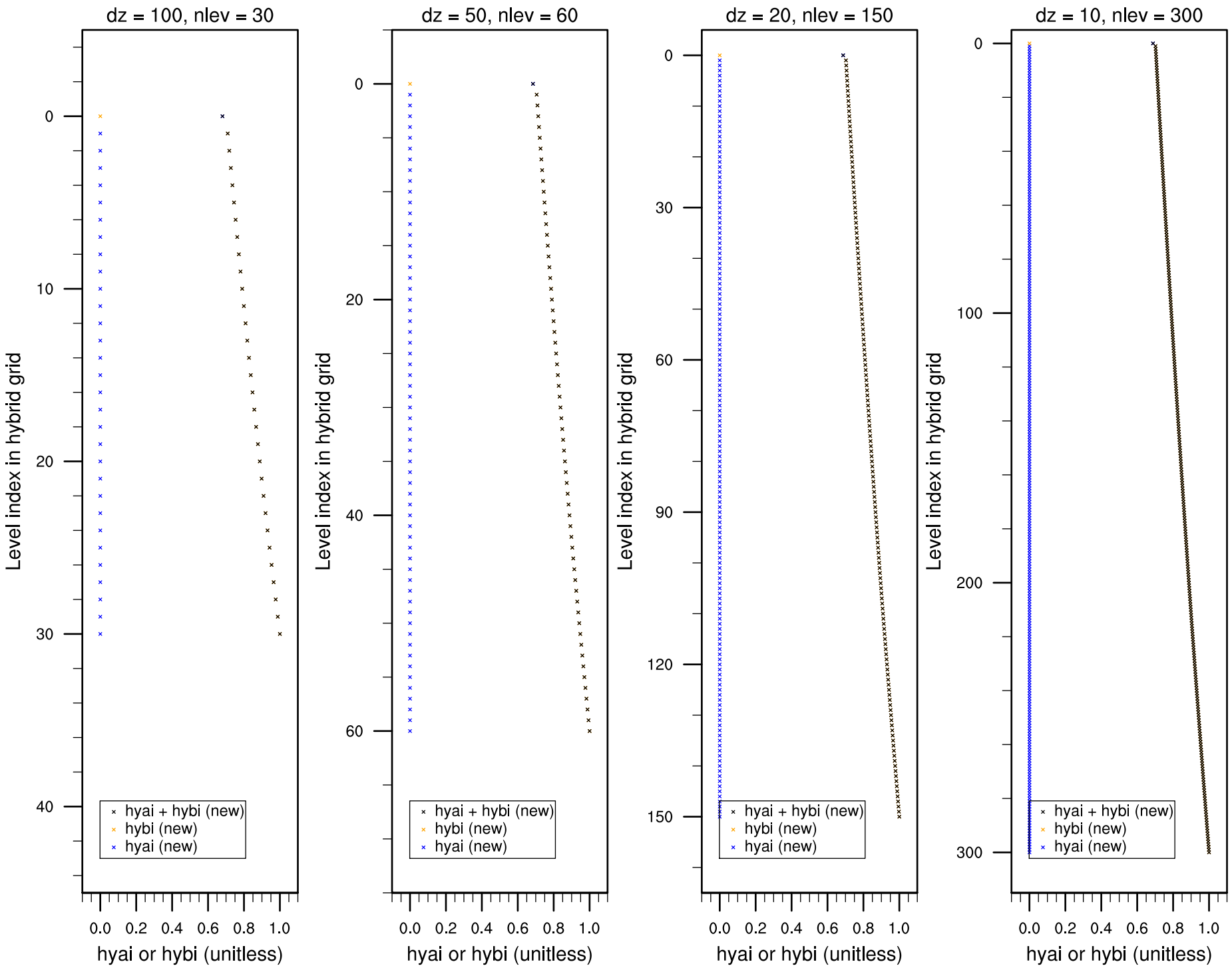
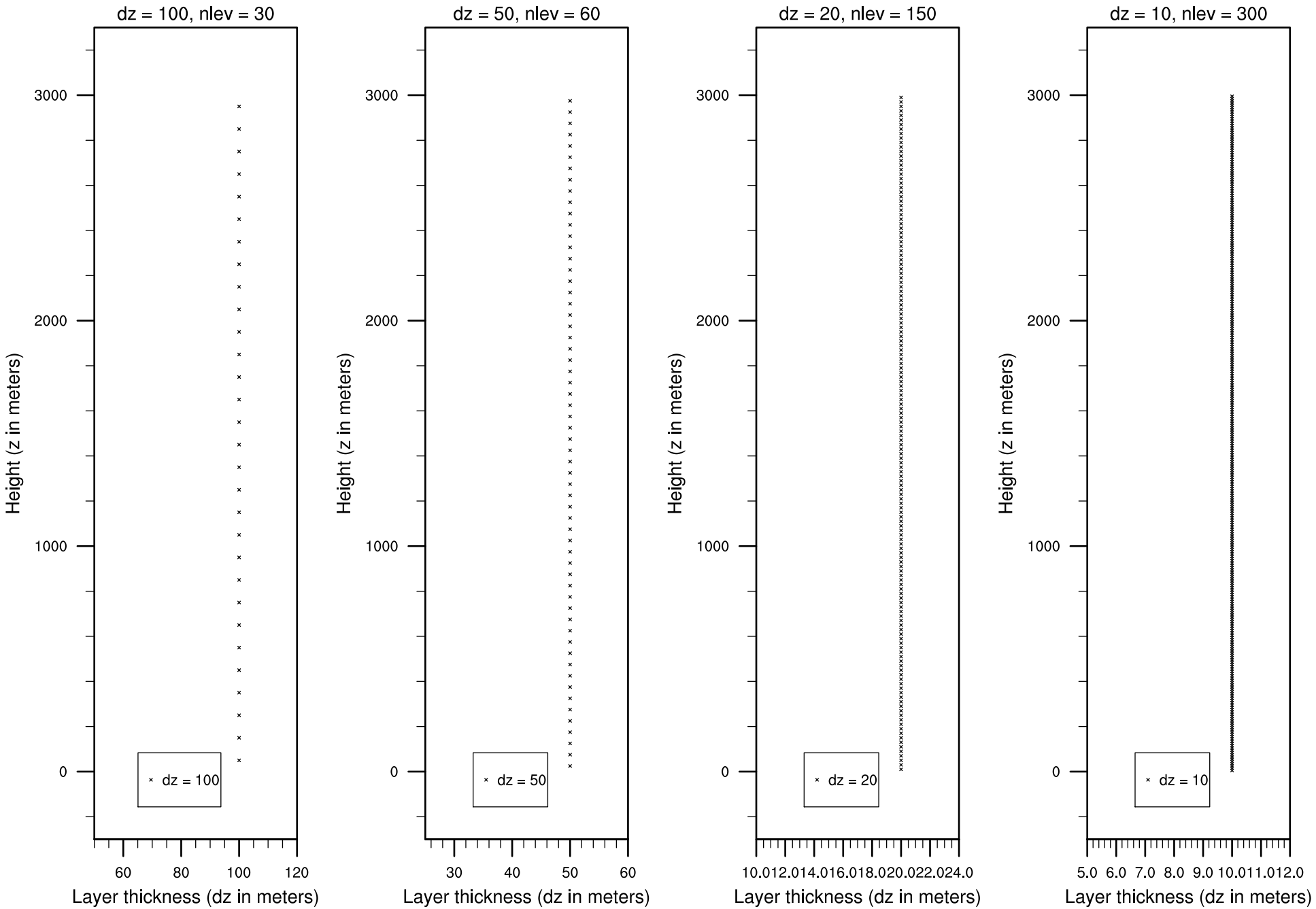

dz = 100, nlev = 30
dz = 50, nlev = 60
dz = 20, nlev = 150
dz = 10, nlev = 300
hyai + hybi, E3SM
hybi, E3SM
hyai, E3SM
hyai + hybi, new
hybi, new
hyai, new
ilev (hPa)
hyai or hybi (unitless)
0
200
400
600
800
1000
0.0
0.2
0.4
0.6
0.8
1.0


dz = 100, nlev = 30
dz = 50, nlev = 60
dz = 20, nlev = 150
dz = 10, nlev = 300
Level index in hybrid grid
hyai or hybi (unitless)
hyai + hybi (new)
hybi (new)
hyai (new)
0.0 0.2 0.4 0.6 0.8 1.0
0 10 20 30 40
0 20 40 60
0 30 60 90 120 150
0 100 200 300


dz = 100, nlev = 30
dz = 50, nlev = 60
dz = 20, nlev = 150
dz = 10, nlev = 300
Height (z in meters)
0
1000
2000
3000
dz = 100
dz = 50
dz = 20
dz = 10
60 80 100 120
30 40 50 60
10.012.014.016.018.020.022.024.0
5.0 6.0 7.0 8.0 9.0 10.011.012.0
Layer thickness (dz in meters)