(a) Lq 180W-180E, 10S-10N

(b) $C_pT + gz$ 180W-180E, 10S-10N

(c) ω 180W-180E, 10S-10N

Moisture Mode
Mixed System
IG Wave

(d) Lq 150E-150W, 10S-10N

(e) $C_pT + gz$ 150E-150W, 10S-10N

(f) ω 150E-150W, 10S-10N

(g) Lq 150W-90W, 10S-10N

(h) $C_pT + gz$ 150W-90W, 10S-10N

(i) ω 150W-90W, 10S-10N

Pressure Level [hPa]

100 200 300 400 500 600 700 800 900 1000

0 1000 2000 3000 4000 5000

−1000 −500 0 500 1000

−0.20 −0.15 −0.10 −0.05 0.00 0.05 0.10

[J kg**-1]

[J kg**-1]

[Pa s**-1]