(a)

Cloud Death

t/t_{eddy} = 0.2

t/t_{eddy} = 3.2

t/t_{eddy} = 6.7

Cloud Growth

t/t_{eddy} = 0.2

t/t_{eddy} = 3.2

t/t_{eddy} = 6.7

$\int \rho dz$

0.6

0.5

0.4

0.3

0.2

0.1

: 128^3 box

: 256^3 box

$t_{cool,\,mix}/t_{cc}$

0.001

0.01

0.1

1

10

$m/m(t=0)$

10^1

10^0

10^{-1}

10^{-2}

(b)

0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0

t/t_{eddy}

(c)

$\log(t_{cool,\,mix}/t_{cc})$

1 0 −1 −2 −3

0.2 0.4 0.6 0.8

Mach Number ($\mathcal{M}$)

$\log_{10}(M_{final}/M_{initial})$

0.4 0.2 0.0 −0.2 −0.4