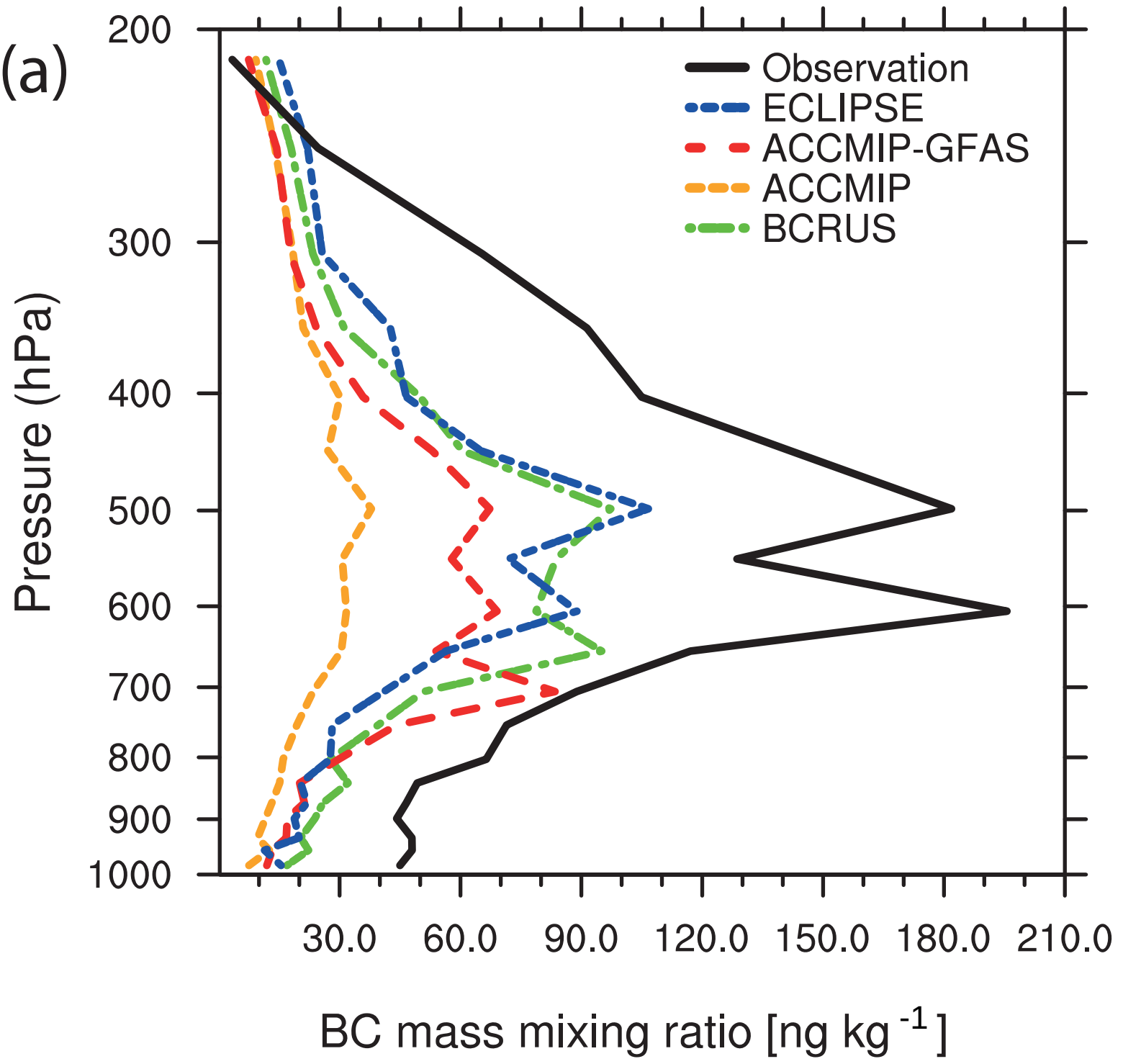
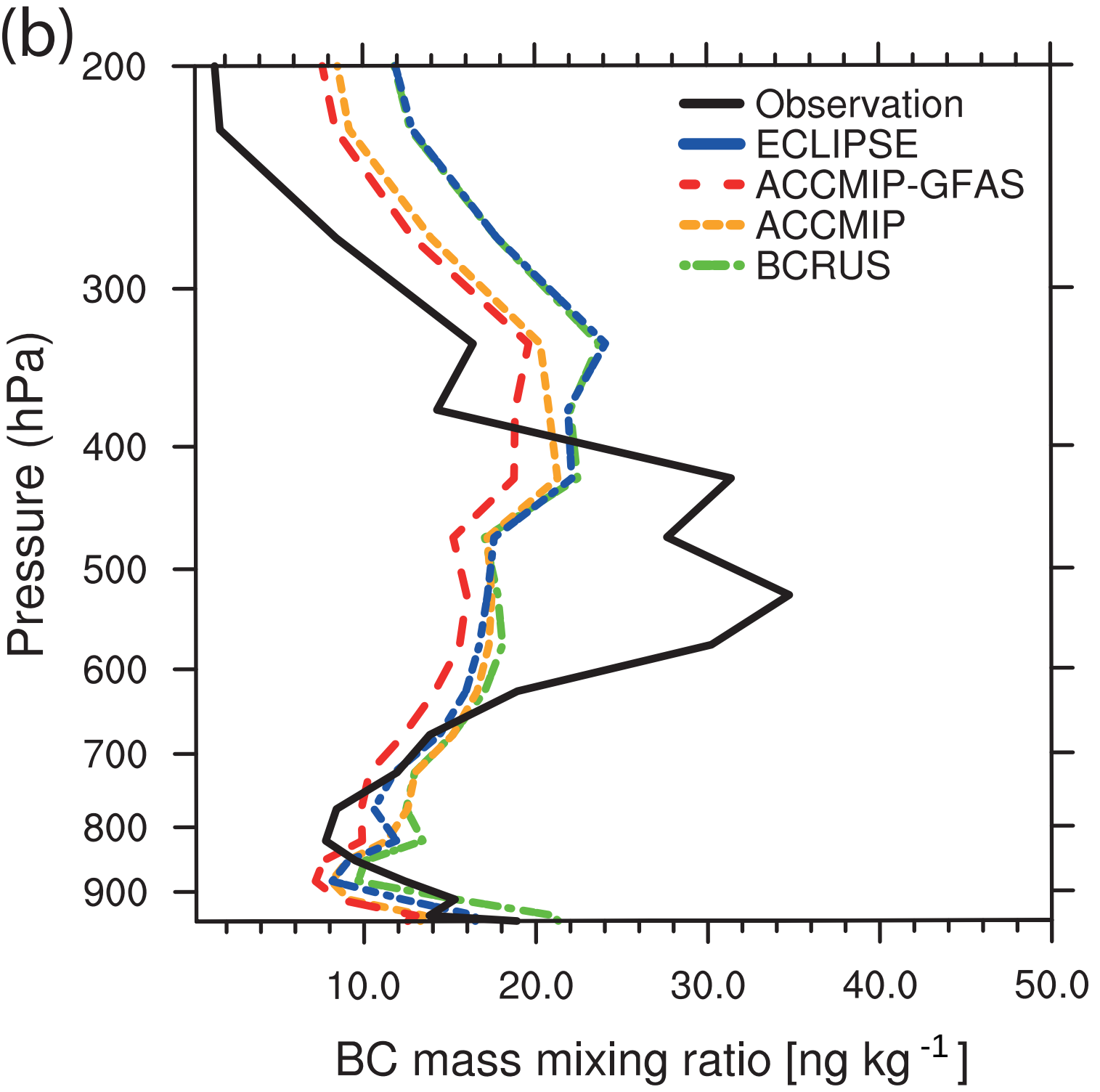
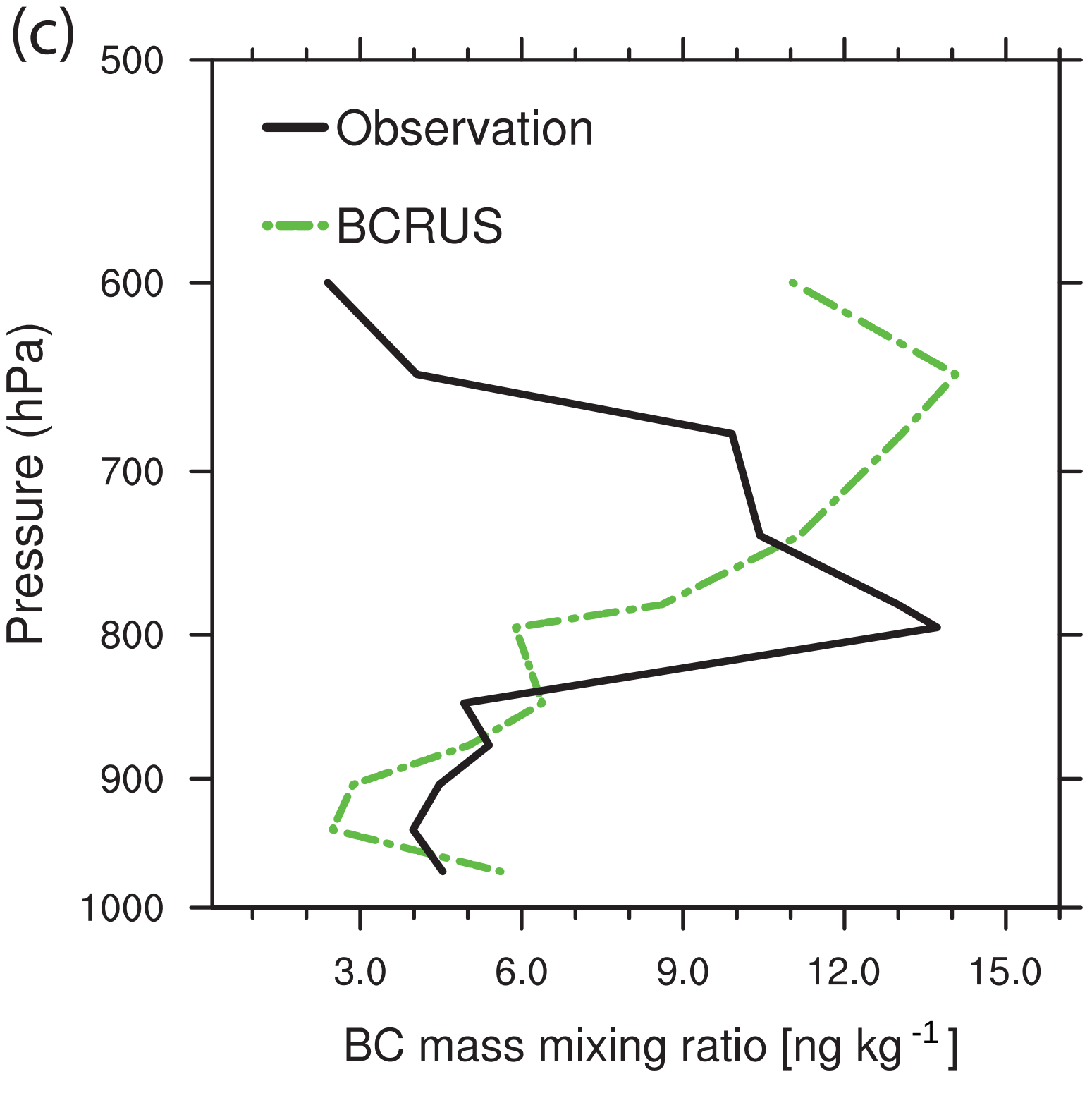
(a)


Observation
ECLIPSE
ACCMIP-GFAS
ACCMIP
BCRUS
Pressure (hPa)
200
300
400
500
600
700
800
900
1000
30.0
60.0
90.0
120.0
150.0
180.0
210.0
BC mass mixing ratio [ng kg -1 ]

(b)


Observation
ECLIPSE
ACCMIP-GFAS
ACCMIP
BCRUS
Pressure (hPa)
200
300
400
500
600
700
800
900
10.0
20.0
30.0
40.0
50.0
BC mass mixing ratio [ng kg -1 ]

(c)


Observation
BCRUS
Pressure (hPa)
500
600
700
800
900
1000
3.0
6.0
9.0
12.0
15.0
BC mass mixing ratio [ng kg -1 ]