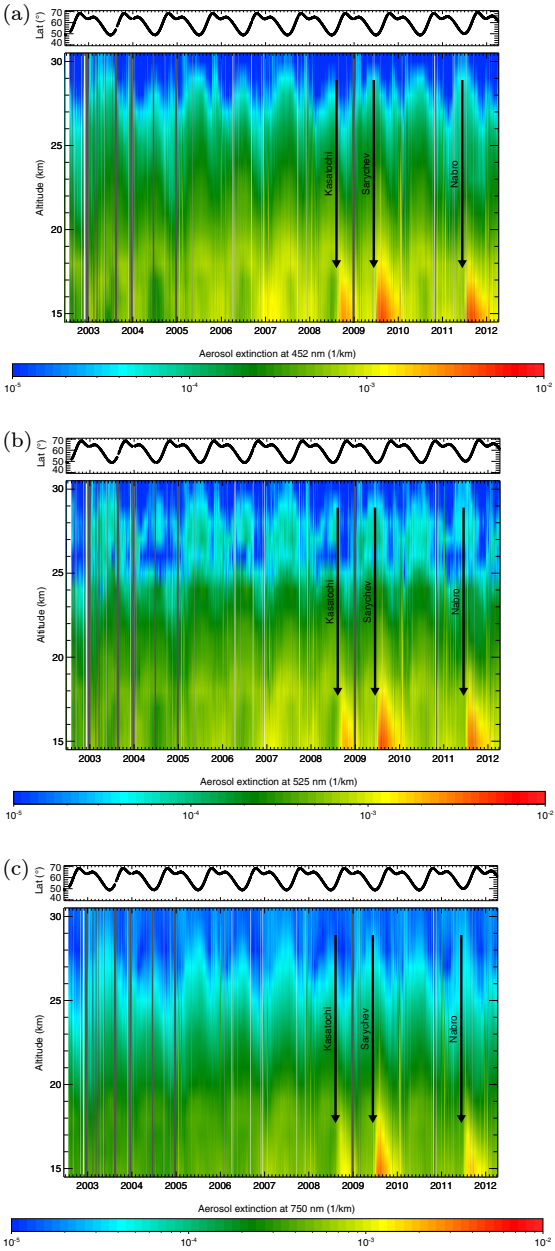
(a)
Lat (°)
70
60
50
40
Altitude (km)
30
25
20
15
Kasatochi
Sarychev
Nabro
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
Aerosol extinction at 452 nm (1/km)
10^{-5}
10^{-4}
10^{-3}
10^{-2}
(b)
Lat (°)
70
60
50
40
Altitude (km)
30
25
20
15
Kasatochi
Sarychev
Nabro
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
Aerosol extinction at 525 nm (1/km)
10^{-5}
10^{-4}
10^{-3}
10^{-2}
(c)
Lat (°)
70
60
50
40
Altitude (km)
30
25
20
15
Kasatochi
Sarychev
Nabro
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
Aerosol extinction at 750 nm (1/km)
10^{-5}
10^{-4}
10^{-3}
10^{-2}