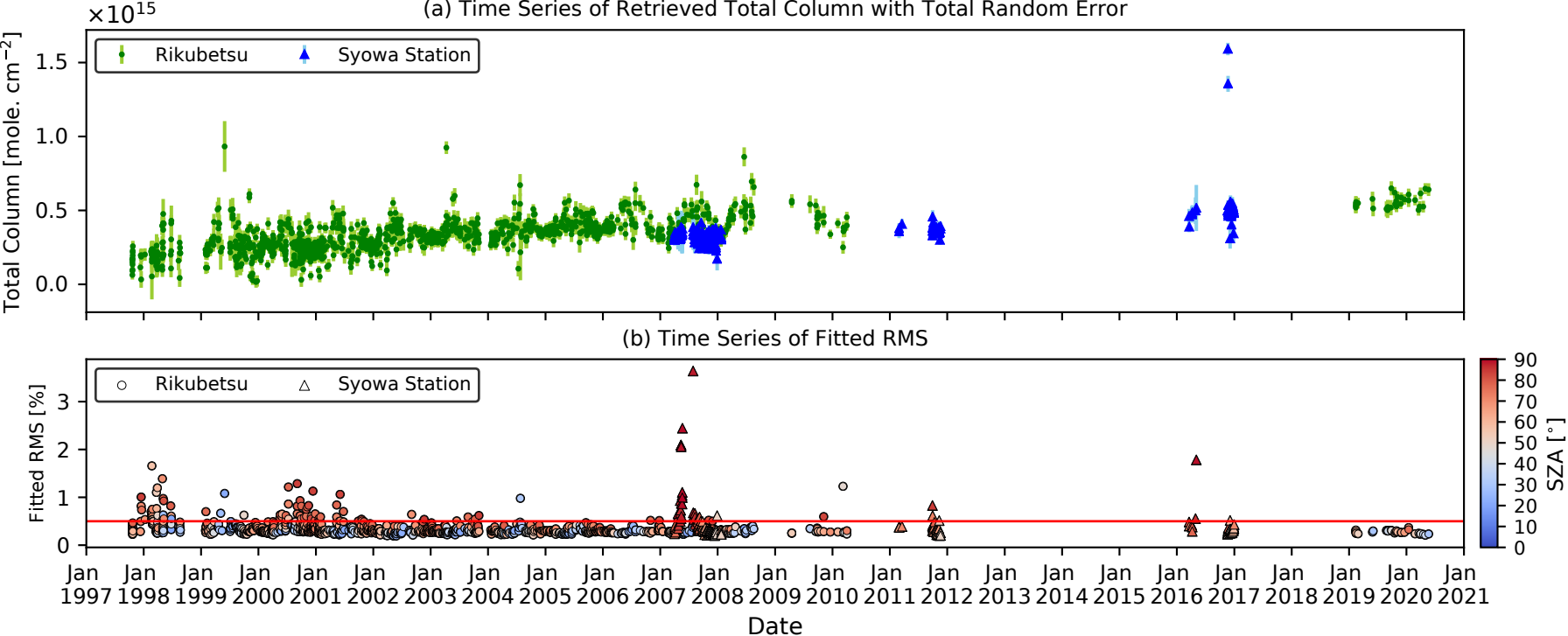
(a) Time Series of Retrieved Total Column with Total Random Error
×10^15
Total Column [mole. cm^-2]
Rikubetsu
Syowa Station
1.5
1.0
0.5
0.0
(b) Time Series of Fitted RMS
Fitted RMS [%]
Rikubetsu
Syowa Station
3
2
1
0
SZA [°]
90
80
70
60
50
40
30
20
10
0
Jan 1997
Jan 1998
Jan 1999
Jan 2000
Jan 2001
Jan 2002
Jan 2003
Jan 2004
Jan 2005
Jan 2006
Jan 2007
Jan 2008
Jan 2009
Jan 2010
Jan 2011
Jan 2012
Jan 2013
Jan 2014
Jan 2015
Jan 2016
Jan 2017
Jan 2018
Jan 2019
Jan 2020
Jan 2021
Date