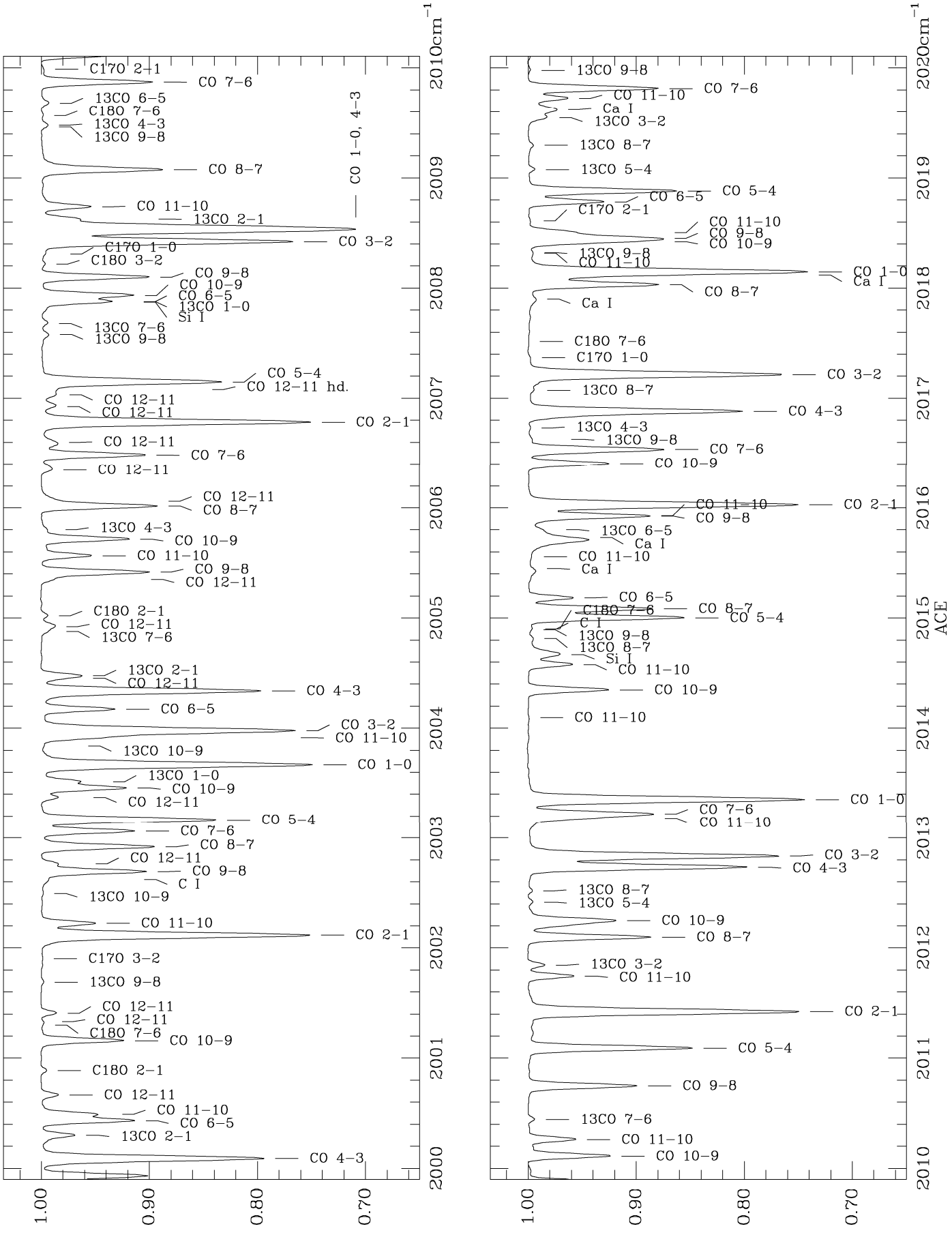
2010cm^{-1}
C17O 2-1
CO 7-6
13CO 6-5
C18O 7-6
13CO 4-3
13CO 9-8
CO 1-0, 4-3
CO 8-7
CO 11-10
13CO 2-1
CO 3-2
C17O 1-0
C18O 3-2
CO 9-8
CO 10-9
CO 6-5
13CO 1-0
Si I
13CO 7-6
13CO 9-8
CO 5-4
CO 12-11 hd.
CO 12-11
CO 12-11
CO 2-1
CO 12-11
CO 7-6
CO 12-11
CO 12-11
CO 8-7
13CO 4-3
CO 10-9
CO 11-10
CO 9-8
CO 12-11
C18O 2-1
CO 12-11
13CO 7-6
13CO 2-1
CO 12-11
CO 4-3
CO 6-5
CO 3-2
CO 11-10
13CO 10-9
CO 1-0
13CO 1-0
CO 10-9
CO 12-11
CO 5-4
CO 7-6
CO 8-7
CO 12-11
CO 9-8
C I
13CO 10-9
CO 11-10
CO 2-1
C17O 3-2
13CO 9-8
CO 12-11
CO 12-11
C18O 7-6
CO 10-9
C18O 2-1
CO 12-11
CO 11-10
CO 6-5
13CO 2-1
CO 4-3
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
1.00
0.90
0.80
0.70
2020cm^{-1}
13CO 9-8
CO 7-6
CO 11-10
Ca I
13CO 3-2
13CO 8-7
13CO 5-4
CO 6-5
CO 5-4
C17O 2-1
CO 11-10
CO 9-8
CO 10-9
13CO 9-8
CO 11-10
CO 1-0
Ca I
CO 8-7
Ca I
C18O 7-6
C17O 1-0
CO 3-2
13CO 8-7
CO 4-3
13CO 4-3
13CO 9-8
CO 7-6
CO 10-9
CO 11-10
CO 2-1
CO 9-8
13CO 6-5
Ca I
CO 11-10
Ca I
CO 6-5
C18O 7-6
CO 8-7
CO 5-4
C I
13CO 9-8
13CO 8-7
Si I
CO 11-10
CO 10-9
CO 11-10
CO 1-0
CO 7-6
CO 11-10
CO 3-2
CO 4-3
13CO 8-7
13CO 5-4
CO 10-9
CO 8-7
13CO 3-2
CO 11-10
CO 2-1
CO 5-4
CO 9-8
13CO 7-6
CO 11-10
CO 10-9
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
1.00
0.90
0.80
0.70
ACE