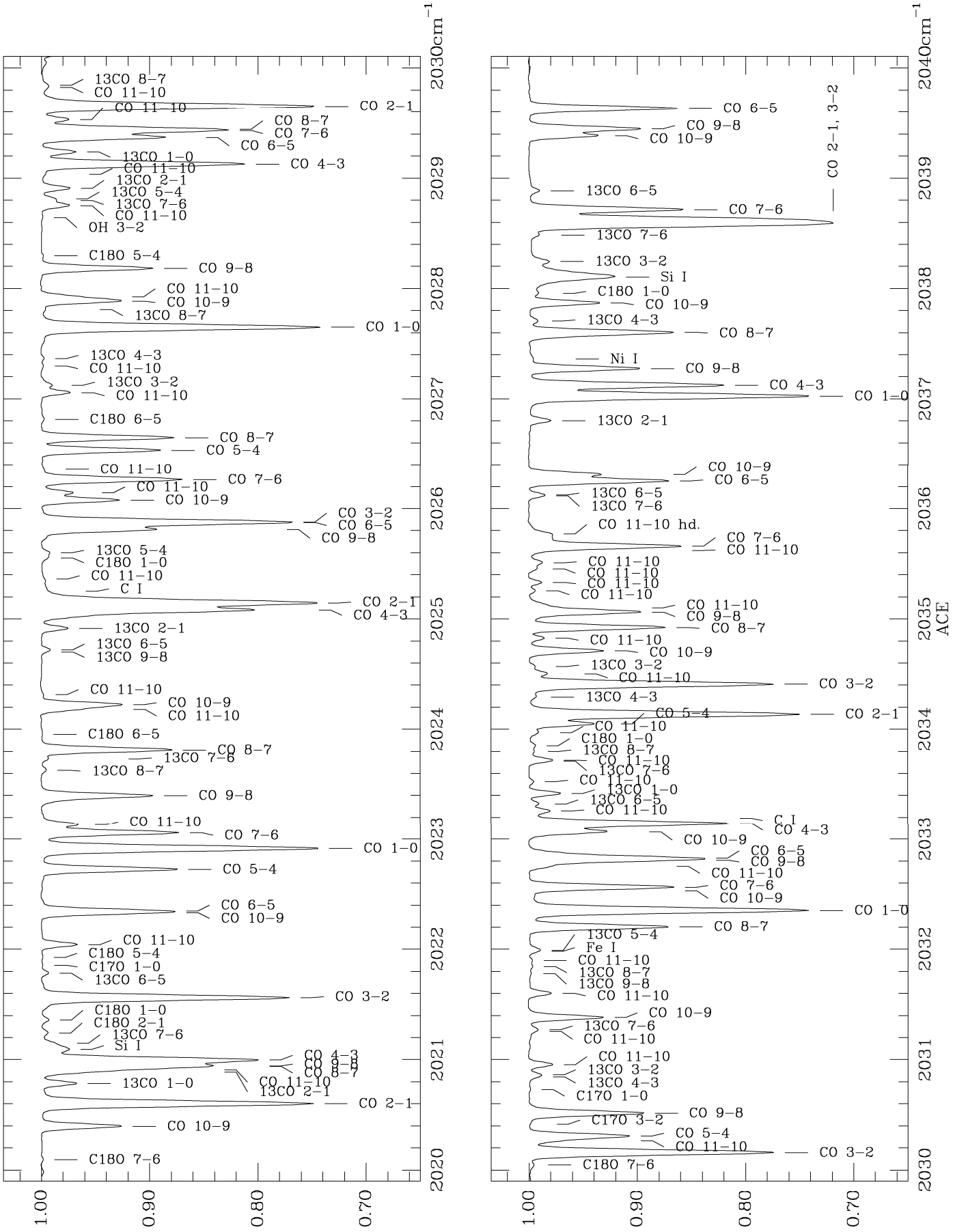
2030cm^{-1}
13CO 8–7
CO 11–10
CO 11–10
CO 2–1
CO 8–7
CO 7–6
CO 6–5
13CO 1–0
CO 11–10
CO 4–3
13CO 2–1
13CO 5–4
13CO 7–6
CO 11–10
OH 3–2
C18O 5–4
CO 9–8
CO 11–10
CO 10–9
13CO 8–7
CO 1–0
13CO 4–3
CO 11–10
13CO 3–2
CO 11–10
C18O 6–5
CO 8–7
CO 5–4
CO 11–10
CO 7–6
CO 11–10
CO 10–9
CO 3–2
CO 6–5
CO 9–8
13CO 5–4
C18O 1–0
CO 11–10
C I
CO 2–1
CO 4–3
13CO 2–1
13CO 6–5
13CO 9–8
CO 11–10
CO 10–9
CO 11–10
C18O 6–5
CO 8–7
13CO 7–6
13CO 8–7
CO 9–8
CO 11–10
CO 7–6
CO 1–0
CO 5–4
CO 6–5
CO 10–9
CO 11–10
C18O 5–4
C17O 1–0
13CO 6–5
CO 3–2
C18O 1–0
C18O 2–1
13CO 7–6
Si I
CO 4–3
CO 9–8
CO 8–7
13CO 1–0
CO 11–10
13CO 2–1
CO 2–1
CO 10–9
C18O 7–6
2020
2021
2022
2023
2024
2025
2026
2027
2028
2029
1.00
0.90
0.80
0.70
2040cm^{-1}
CO 6–5
CO 9–8
CO 10–9
CO 2–1, 3–2
13CO 6–5
CO 7–6
13CO 7–6
13CO 3–2
Si I
C18O 1–0
CO 10–9
13CO 4–3
CO 8–7
Ni I
CO 9–8
CO 4–3
CO 1–0
13CO 2–1
CO 10–9
CO 6–5
13CO 6–5
13CO 7–6
CO 11–10 hd.
CO 7–6
CO 11–10
CO 11–10
CO 11–10
CO 11–10
CO 11–10
CO 11–10
CO 9–8
CO 8–7
CO 11–10
CO 10–9
13CO 3–2
CO 11–10
CO 3–2
13CO 4–3
CO 5–4
CO 2–1
CO 11–10
C18O 1–0
13CO 8–7
CO 11–10
13CO 7–6
CO 11–10
13CO 1–0
13CO 6–5
CO 11–10
C I
CO 4–3
CO 10–9
CO 6–5
CO 9–8
CO 11–10
CO 7–6
CO 10–9
CO 1–0
CO 8–7
13CO 5–4
Fe I
CO 11–10
13CO 8–7
13CO 9–8
CO 11–10
CO 10–9
13CO 7–6
CO 11–10
CO 11–10
13CO 3–2
13CO 4–3
C17O 1–0
CO 9–8
C17O 3–2
CO 5–4
CO 11–10
CO 3–2
C18O 7–6
2030
2031
2032
2033
2034
2035
2036
2037
2038
2039
ACE
1.00
0.90
0.80
0.70