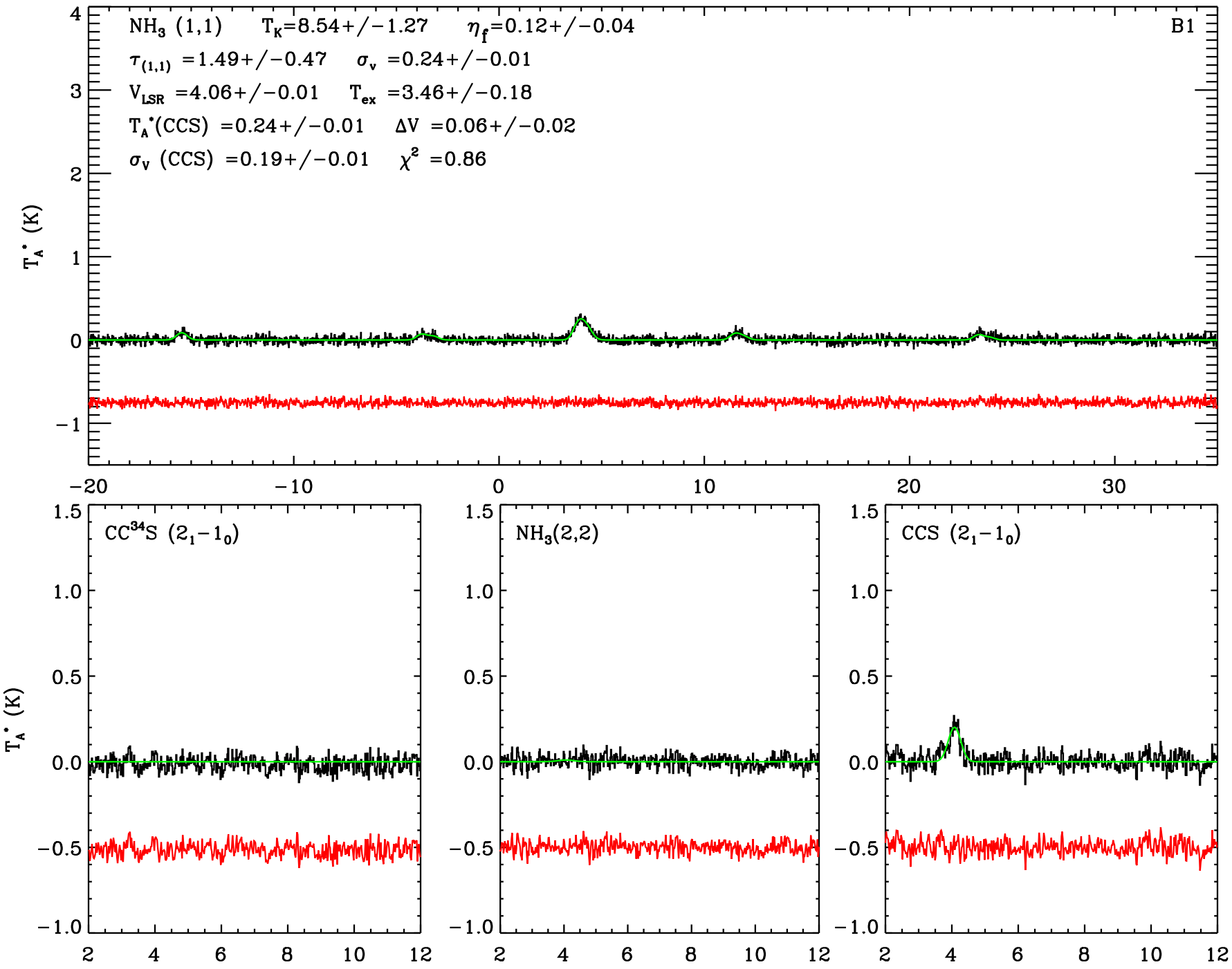
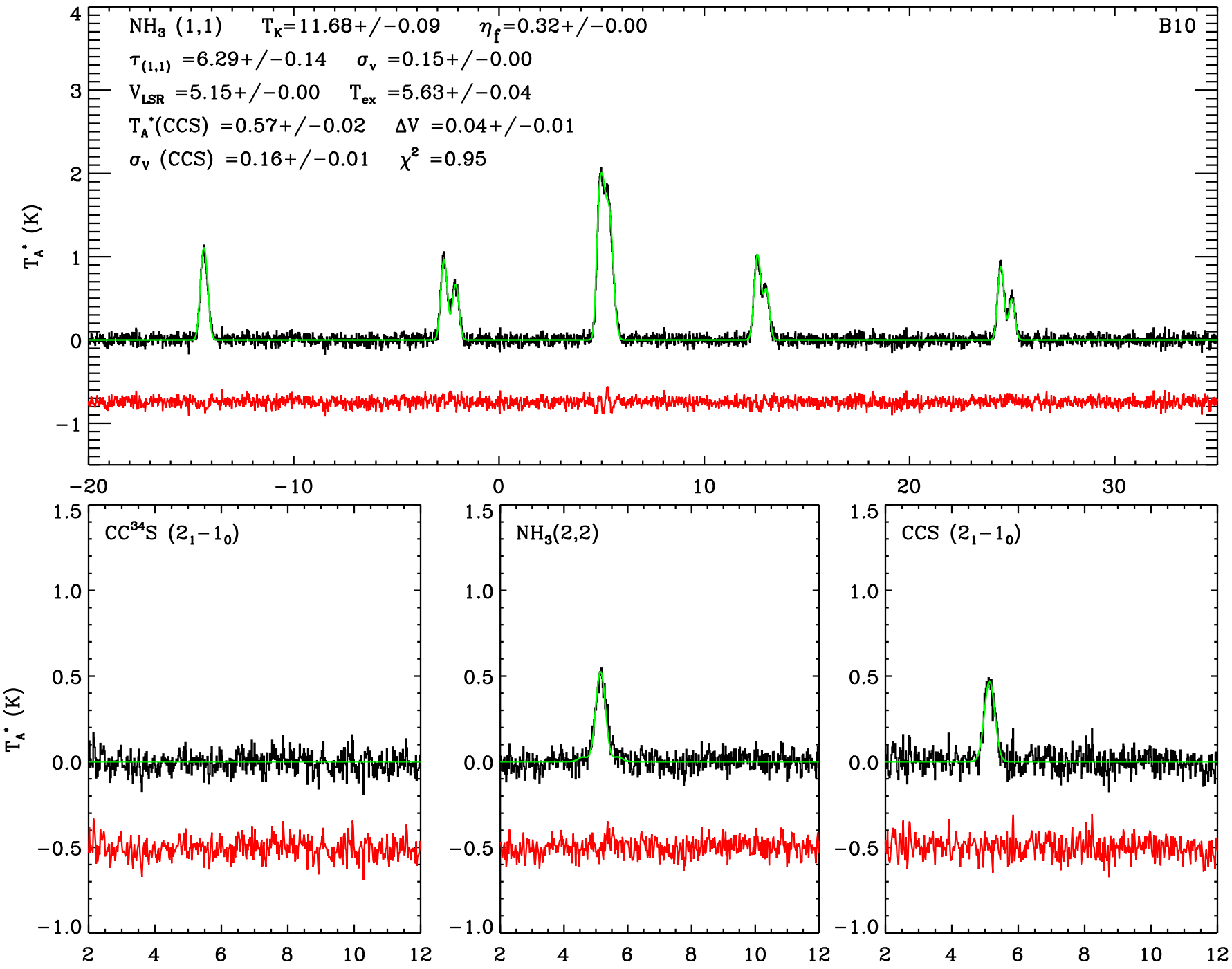
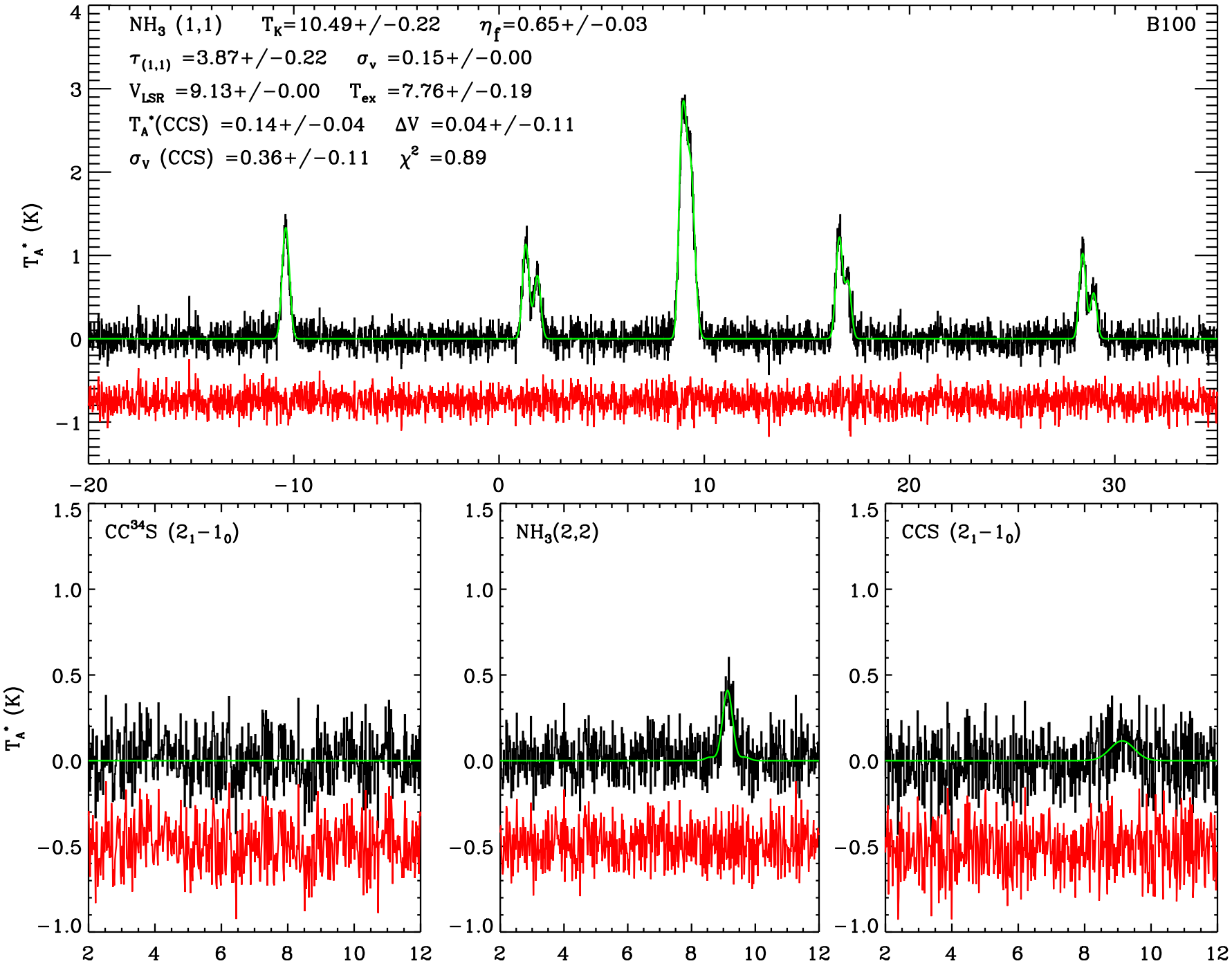
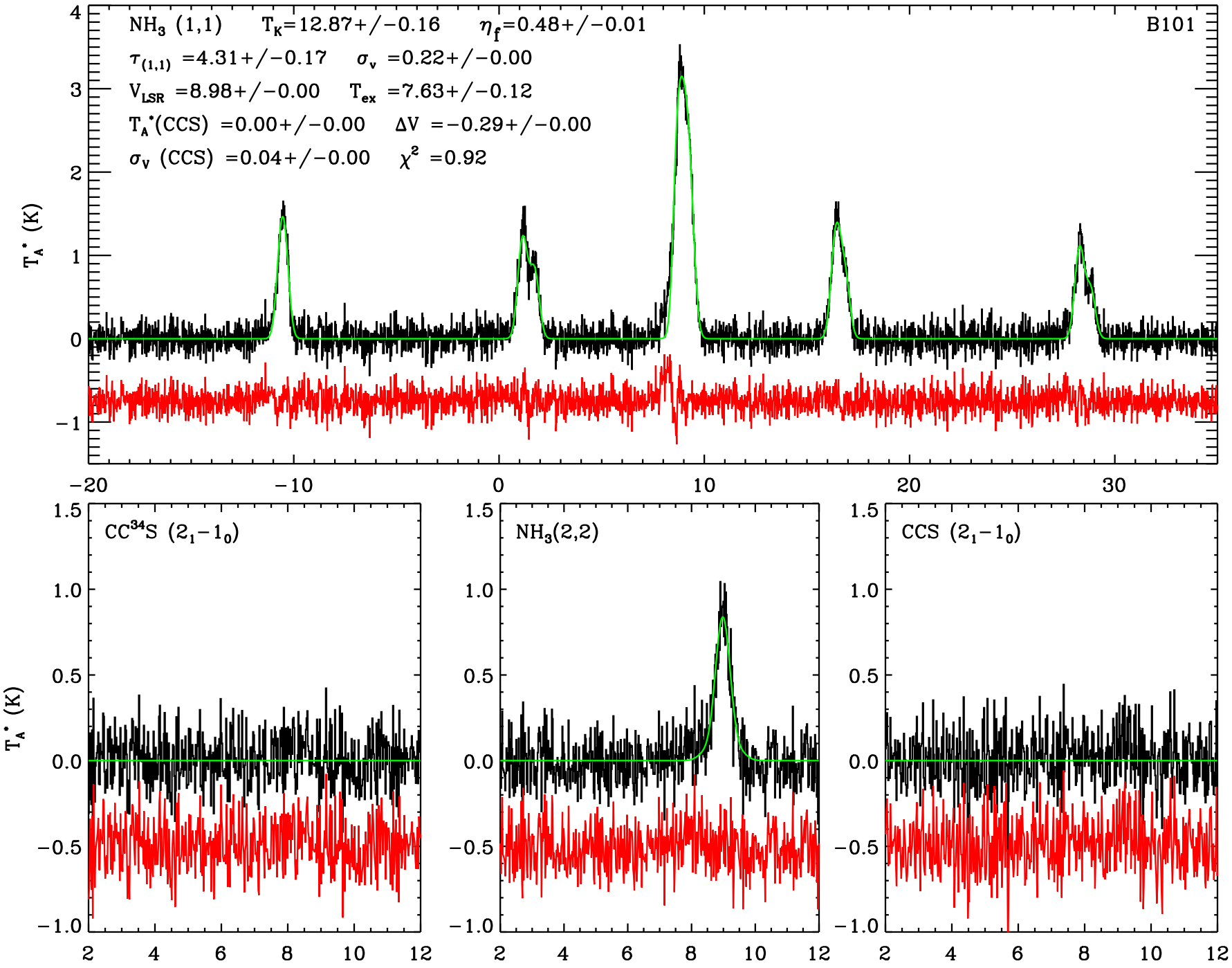
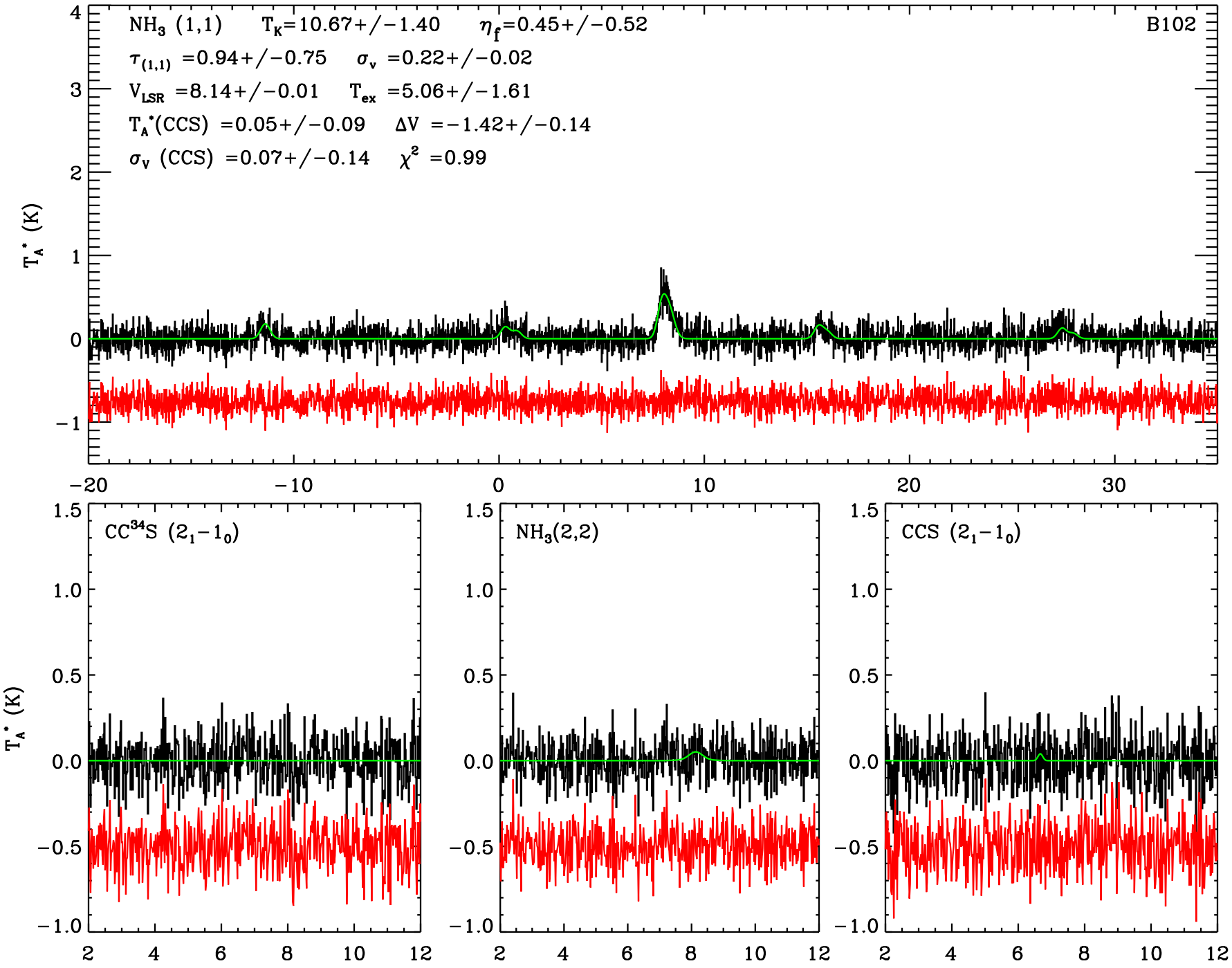
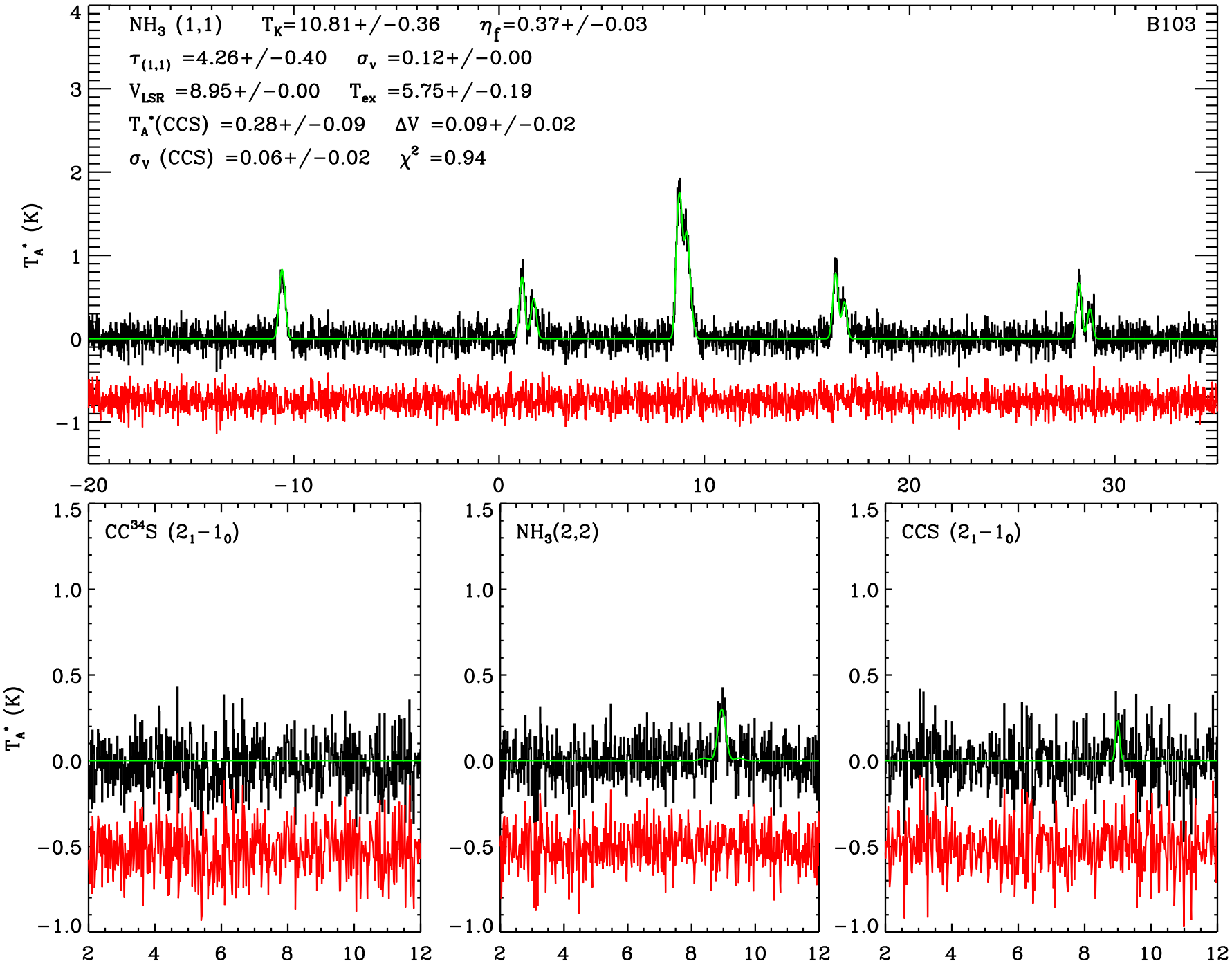

NH3 (1,1) TK=8.54+/−1.27 ηf=0.12+/−0.04
τ(1,1) =1.49+/−0.47 σv =0.24+/−0.01
VLSR =4.06+/−0.01 Tex =3.46+/−0.18
TA*(CCS) =0.24+/−0.01 ΔV =0.06+/−0.02
σV (CCS) =0.19+/−0.01 χ2 =0.86
B1
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

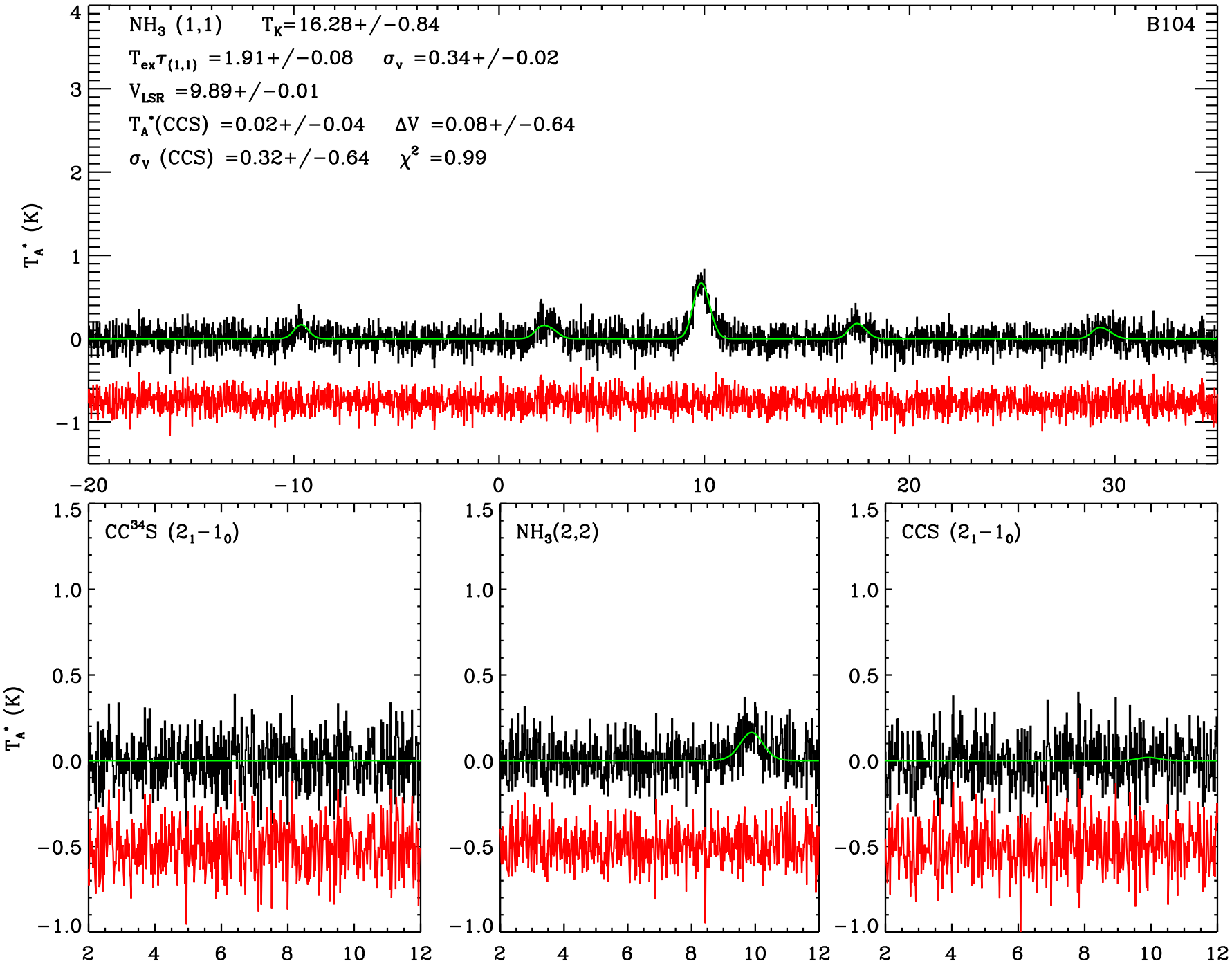

NH3 (1,1) TK=11.68+/−0.09 ηf=0.32+/−0.00
τ(1,1) =6.29+/−0.14 σv =0.15+/−0.00
VLSR =5.15+/−0.00 Tex =5.63+/−0.04
TA*(CCS) =0.57+/−0.02 ΔV =0.04+/−0.01
σV (CCS) =0.16+/−0.01 χ2 =0.95
B10
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

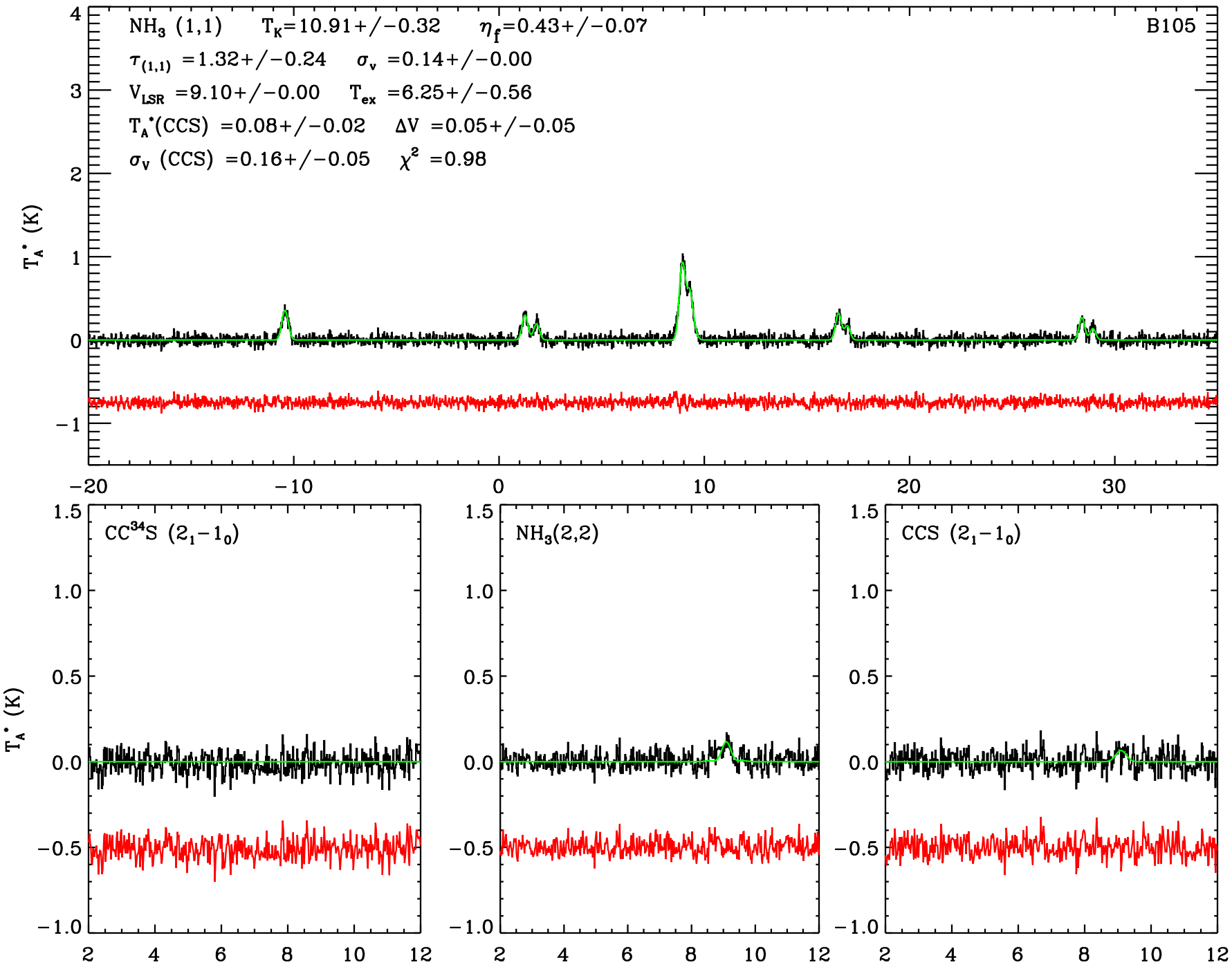

NH3 (1,1) TK=10.49+/−0.22 ηf=0.65+/−0.03
τ(1,1) =3.87+/−0.22 σv =0.15+/−0.00
VLSR =9.13+/−0.00 Tex =7.76+/−0.19
TA*(CCS) =0.14+/−0.04 ΔV =0.04+/−0.11
σV (CCS) =0.36+/−0.11 χ2 =0.89
B100
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

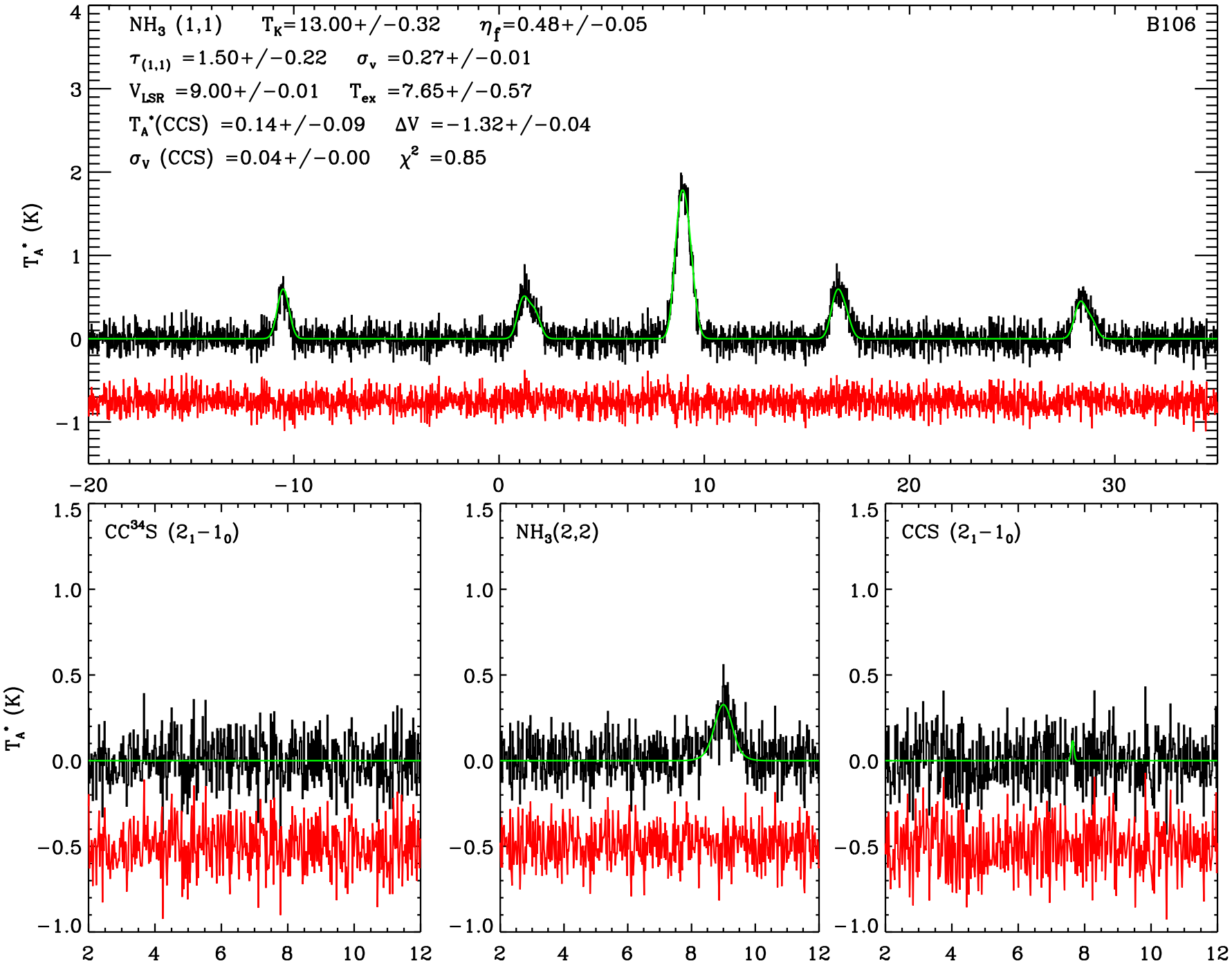

NH3 (1,1) TK=12.87+/−0.16 ηf=0.48+/−0.01
τ(1,1) =4.31+/−0.17 σv =0.22+/−0.00
VLSR =8.98+/−0.00 Tex =7.63+/−0.12
TA*(CCS) =0.00+/−0.00 ΔV =−0.29+/−0.00
σV (CCS) =0.04+/−0.00 χ2 =0.92
B101
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

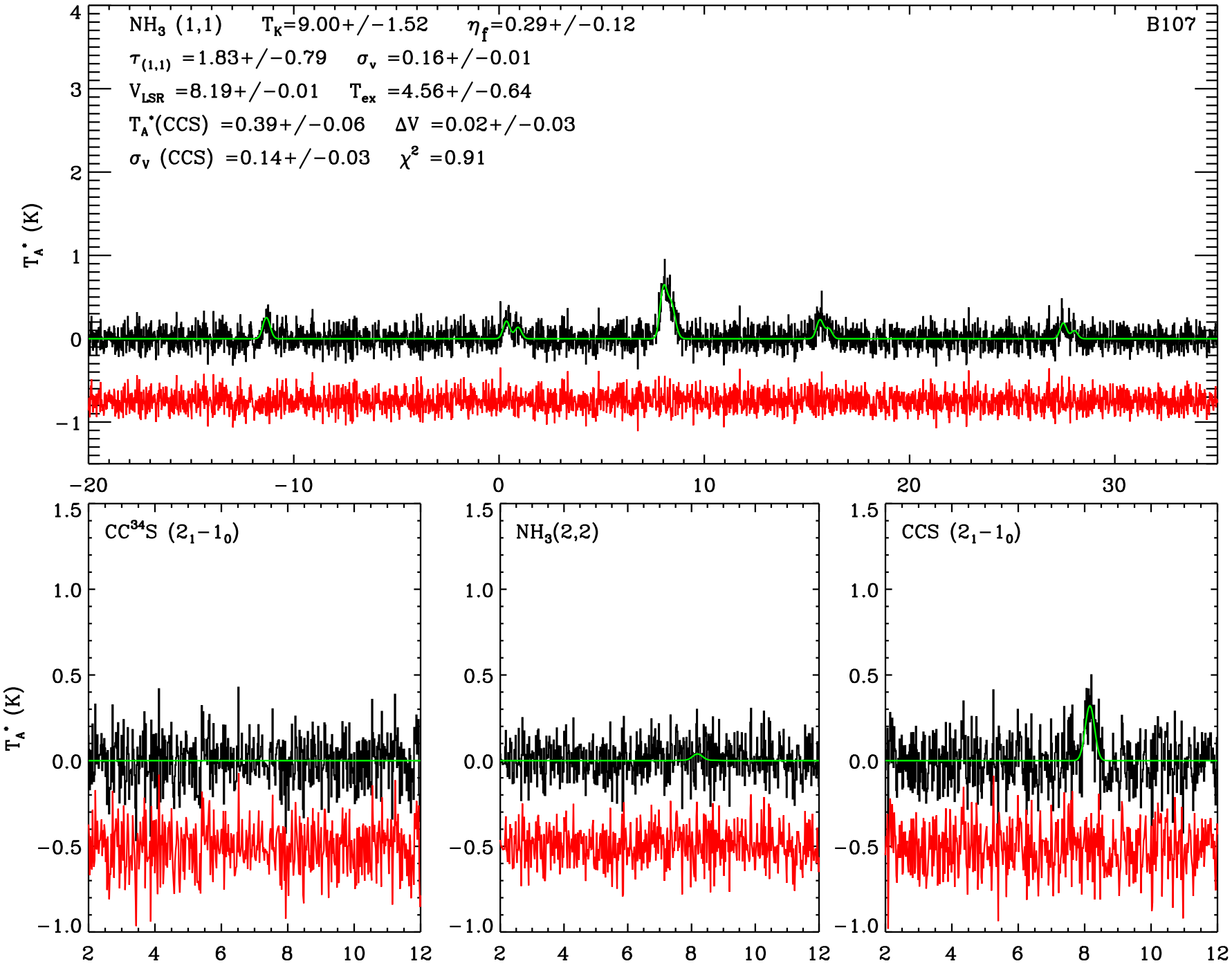

NH3 (1,1) TK=10.67+/−1.40 ηf=0.45+/−0.52
τ(1,1) =0.94+/−0.75 σv =0.22+/−0.02
VLSR =8.14+/−0.01 Tex =5.06+/−1.61
TA*(CCS) =0.05+/−0.09 ΔV =−1.42+/−0.14
σV (CCS) =0.07+/−0.14 χ2 =0.99
B102
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

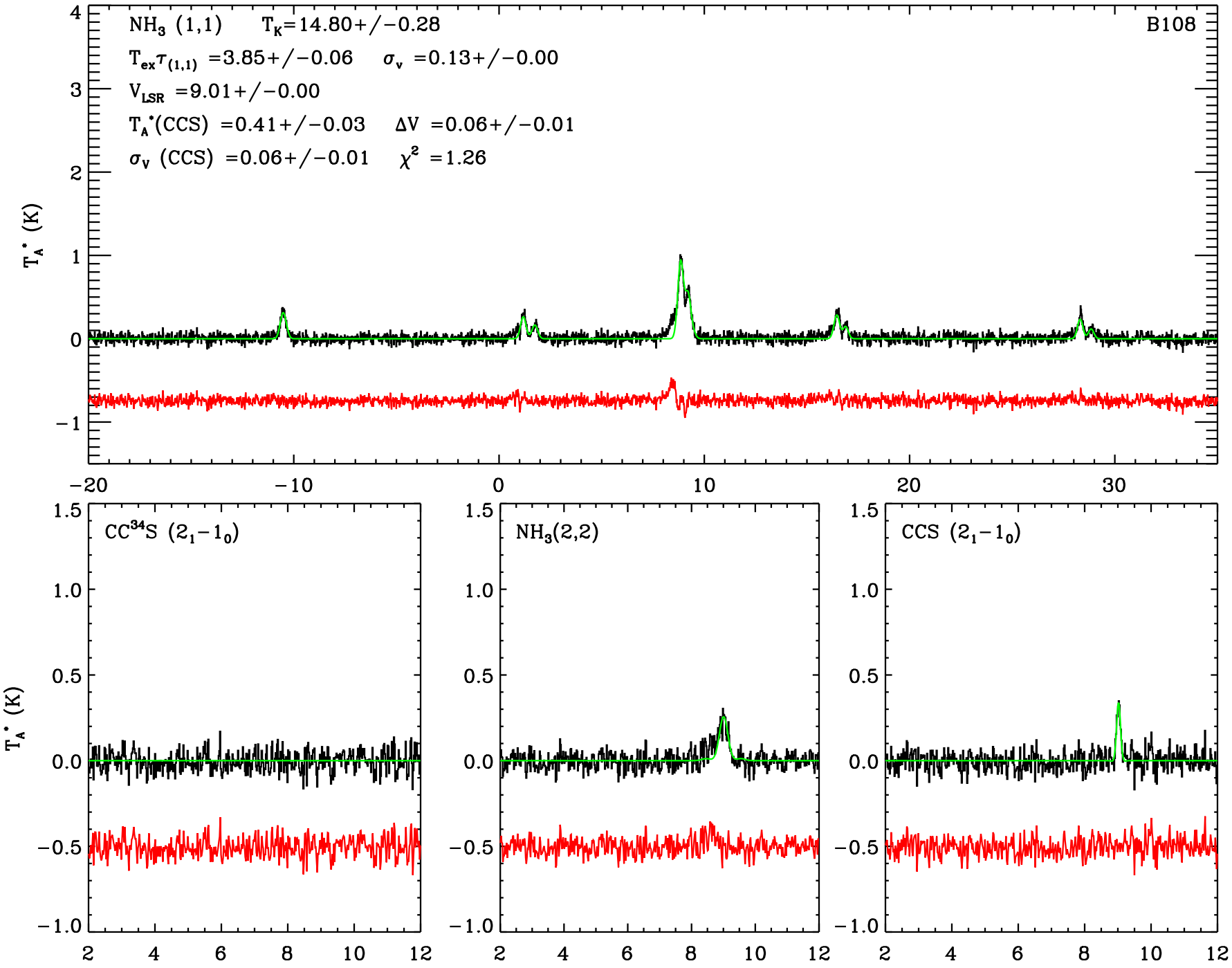

NH3 (1,1) TK=10.81+/−0.36 ηf=0.37+/−0.03
τ(1,1) =4.26+/−0.40 σv =0.12+/−0.00
VLSR =8.95+/−0.00 Tex =5.75+/−0.19
TA*(CCS) =0.28+/−0.09 ΔV =0.09+/−0.02
σV (CCS) =0.06+/−0.02 χ2 =0.94
B103
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

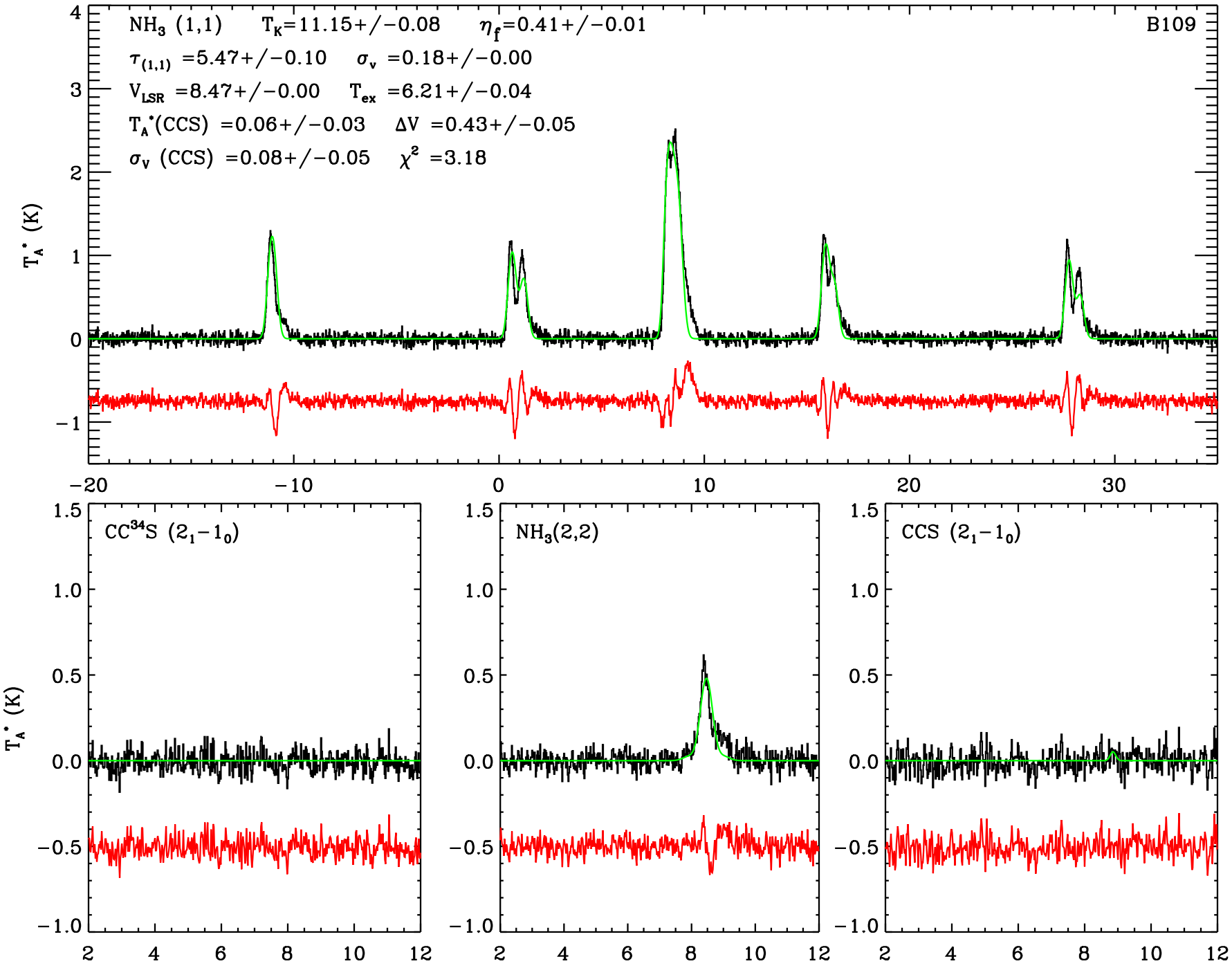

NH3 (1,1) TK=16.28+/−0.84
Tex τ(1,1) =1.91+/−0.08 σv =0.34+/−0.02
VLSR =9.89+/−0.01
TA*(CCS) =0.02+/−0.04 ΔV =0.08+/−0.64
σV (CCS) =0.32+/−0.64 χ2 =0.99
B104
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

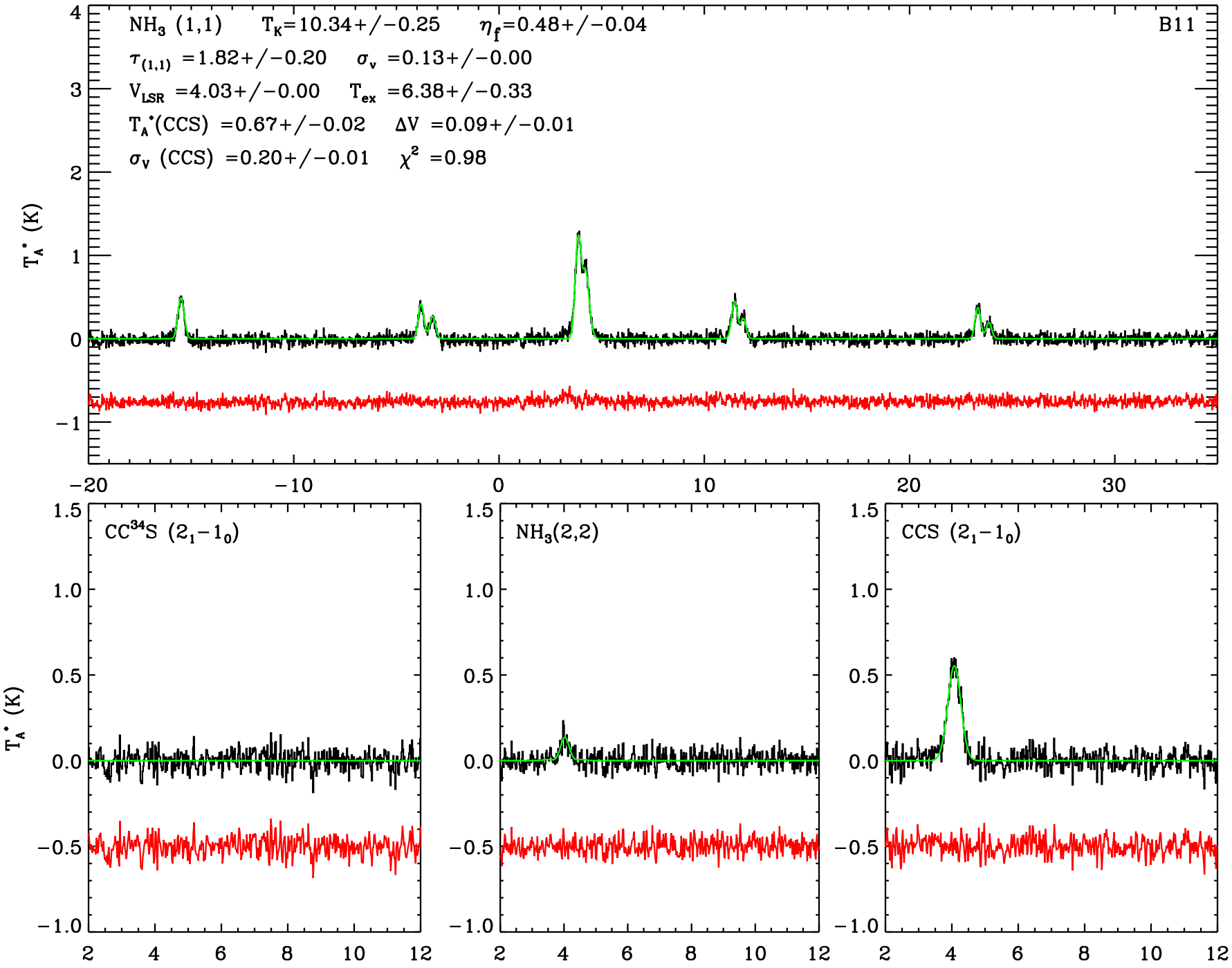

NH3 (1,1) TK=10.91+/−0.32 ηf=0.43+/−0.07
τ(1,1) =1.32+/−0.24 σv =0.14+/−0.00
VLSR =9.10+/−0.00 Tex =6.25+/−0.56
TA*(CCS) =0.08+/−0.02 ΔV =0.05+/−0.05
σV (CCS) =0.16+/−0.05 χ2 =0.98
B105
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

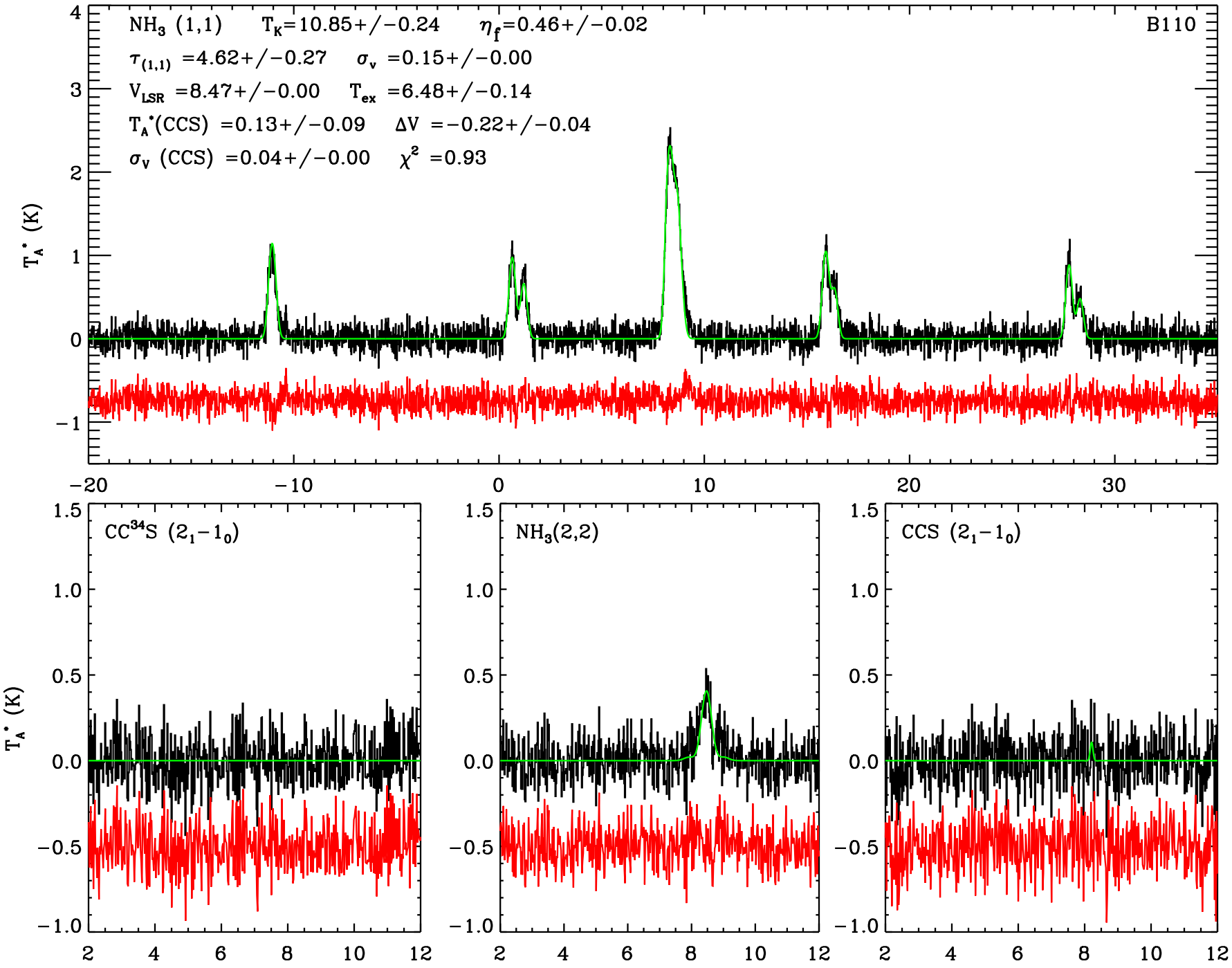

NH3 (1,1) TK=13.00+/−0.32 ηf=0.48+/−0.05
τ(1,1) =1.50+/−0.22 σv =0.27+/−0.01
VLSR =9.00+/−0.01 Tex =7.65+/−0.57
TA*(CCS) =0.14+/−0.09 ΔV =−1.32+/−0.04
σV (CCS) =0.04+/−0.00 χ2 =0.85
B106
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

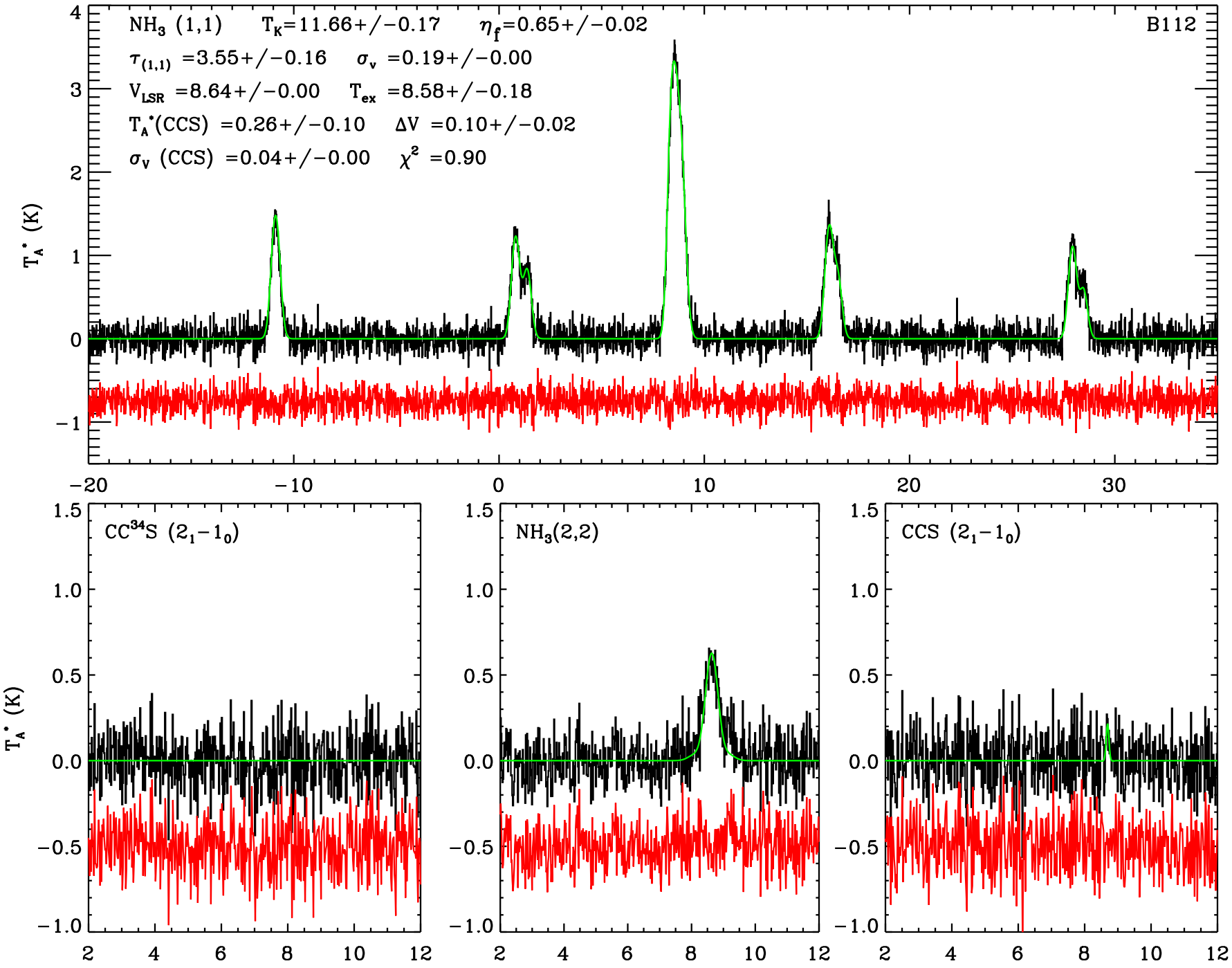

NH3 (1,1) TK=9.00+/−1.52 ηf=0.29+/−0.12
τ(1,1) =1.83+/−0.79 σv =0.16+/−0.01
VLSR =8.19+/−0.01 Tex =4.56+/−0.64
TA*(CCS) =0.39+/−0.06 ΔV =0.02+/−0.03
σV (CCS) =0.14+/−0.03 χ2 =0.91
B107
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

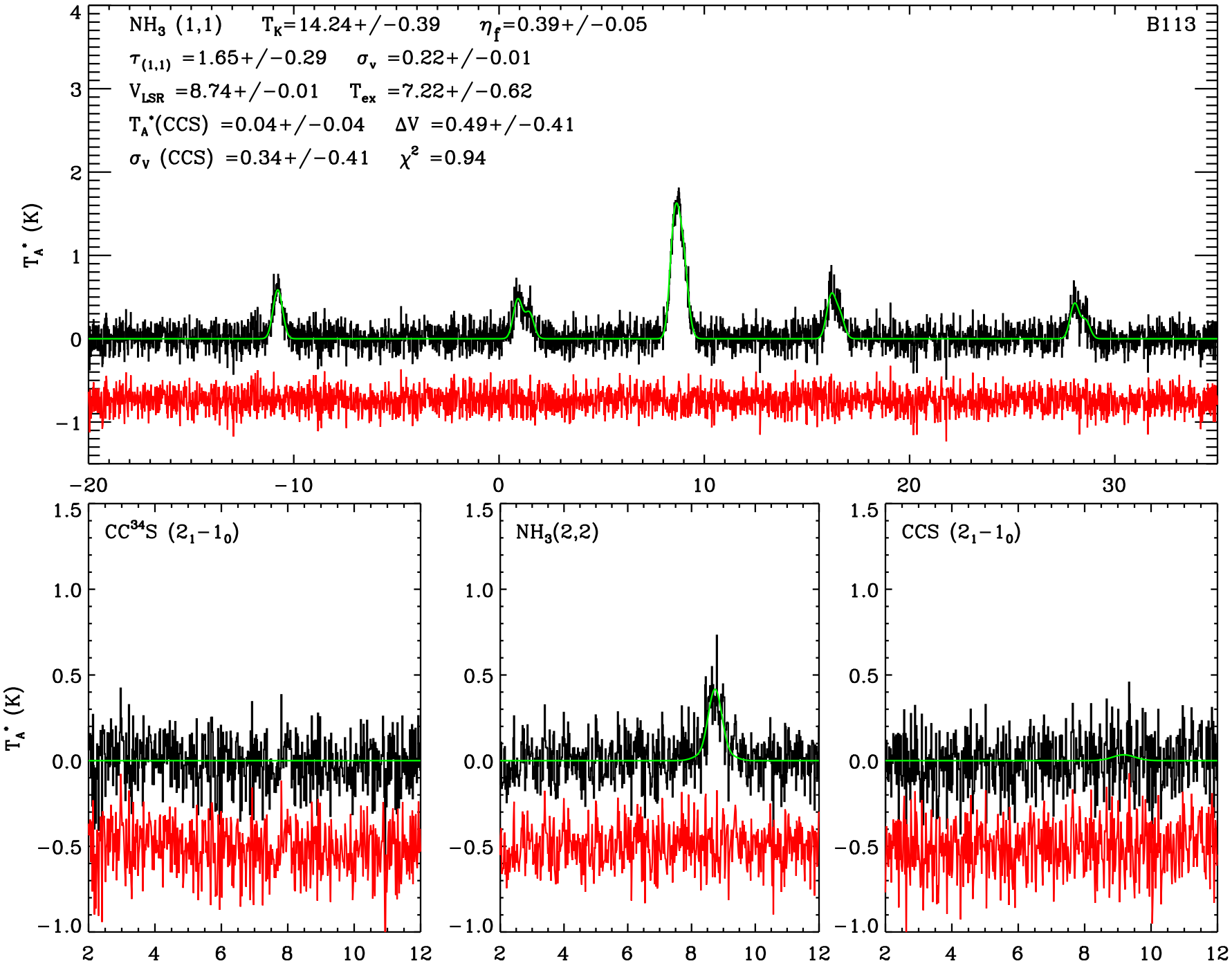

NH3 (1,1) TK=14.80+/−0.28
B108
Tex τ(1,1) =3.85+/−0.06 σv =0.13+/−0.00
VLSR =9.01+/−0.00
TA*(CCS) =0.41+/−0.03 ΔV =0.06+/−0.01
σV (CCS) =0.06+/−0.01 χ2 =1.26
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

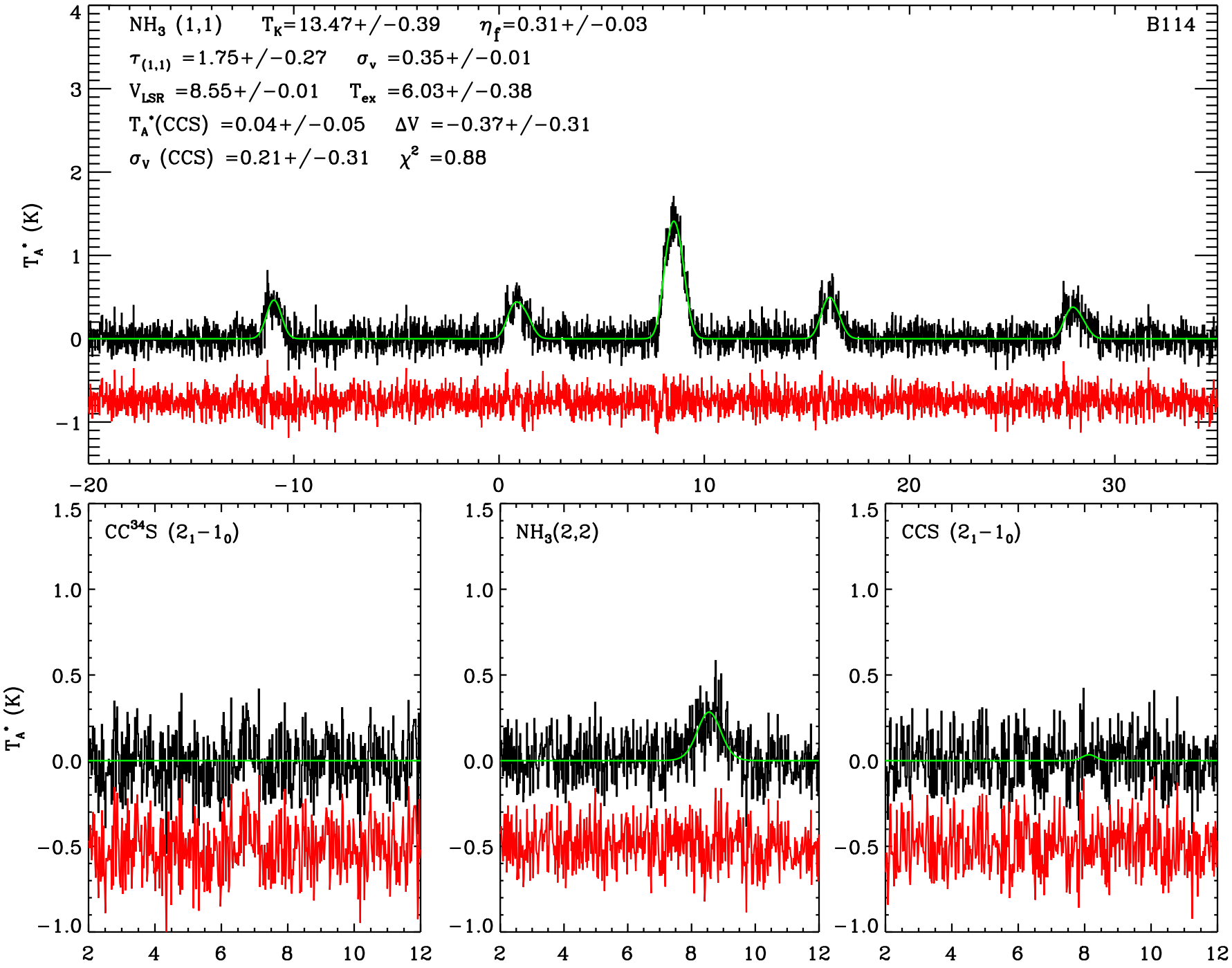

NH3 (1,1) TK=11.15+/−0.08 ηf=0.41+/−0.01
τ(1,1) =5.47+/−0.10 σv =0.18+/−0.00
VLSR =8.47+/−0.00 Tex =6.21+/−0.04
TA*(CCS) =0.06+/−0.03 ΔV =0.43+/−0.05
σV (CCS) =0.08+/−0.05 χ2 =3.18
B109
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

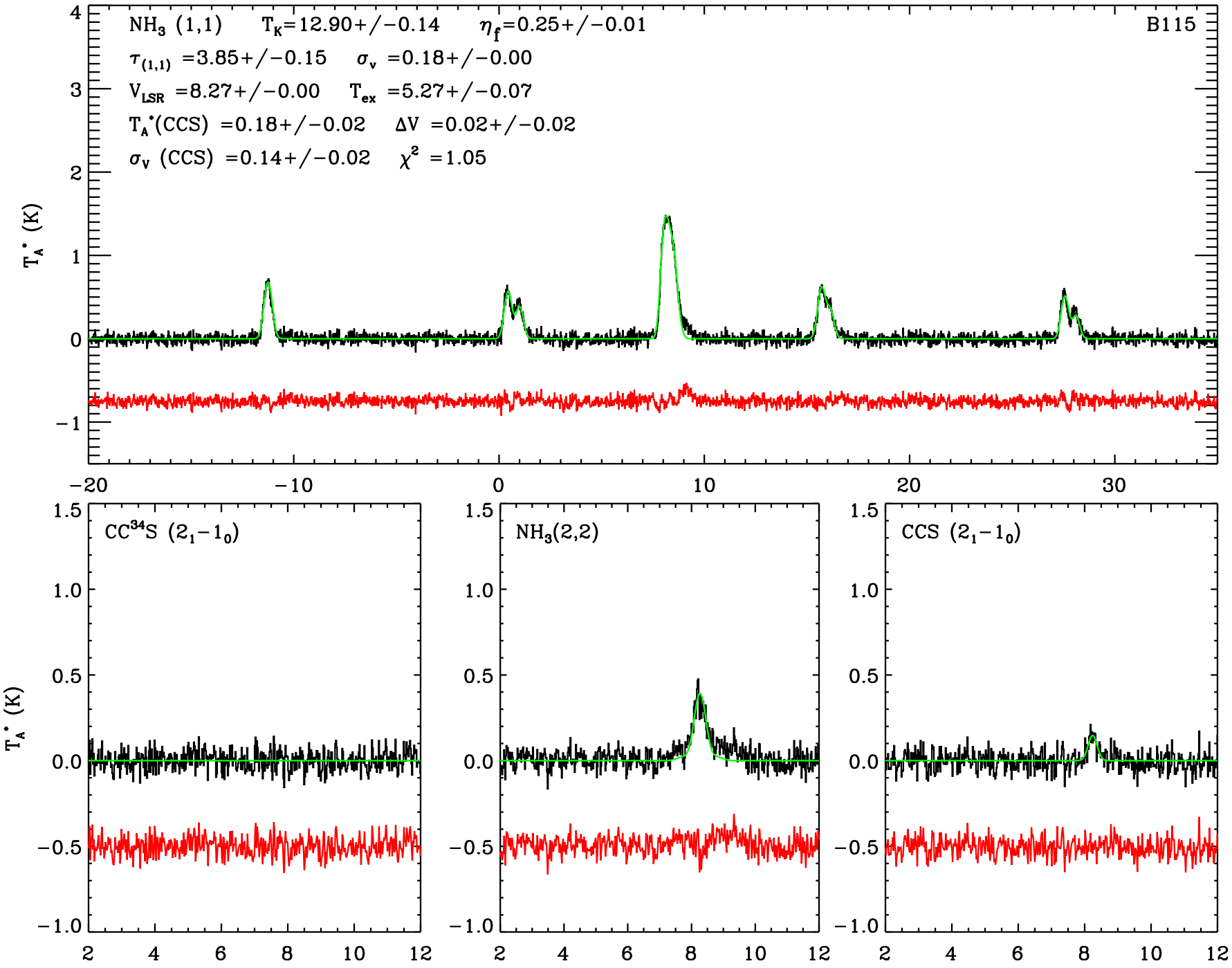

NH3 (1,1) TK=10.34+/−0.25 ηf=0.48+/−0.04
τ(1,1) =1.82+/−0.20 σv =0.13+/−0.00
VLSR =4.03+/−0.00 Tex =6.38+/−0.33
TA*(CCS) =0.67+/−0.02 ΔV =0.09+/−0.01
σV (CCS) =0.20+/−0.01 χ2 =0.98
B11
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

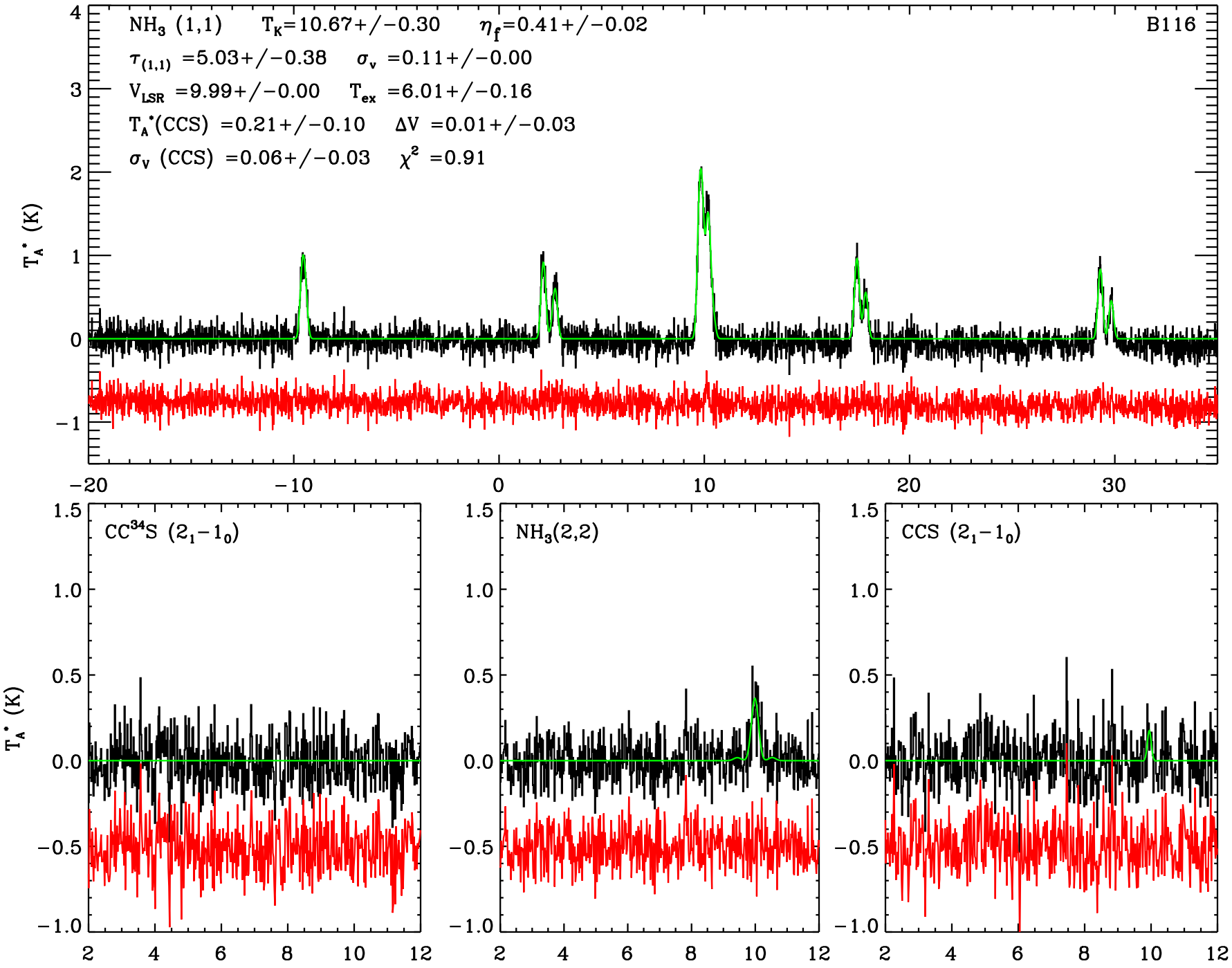

NH3 (1,1) TK=10.85+/−0.24 ηf=0.46+/−0.02
τ(1,1) =4.62+/−0.27 σv =0.15+/−0.00
VLSR =8.47+/−0.00 Tex =6.48+/−0.14
TA*(CCS) =0.13+/−0.09 ΔV =−0.22+/−0.04
σV (CCS) =0.04+/−0.00 χ2 =0.93
B110
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

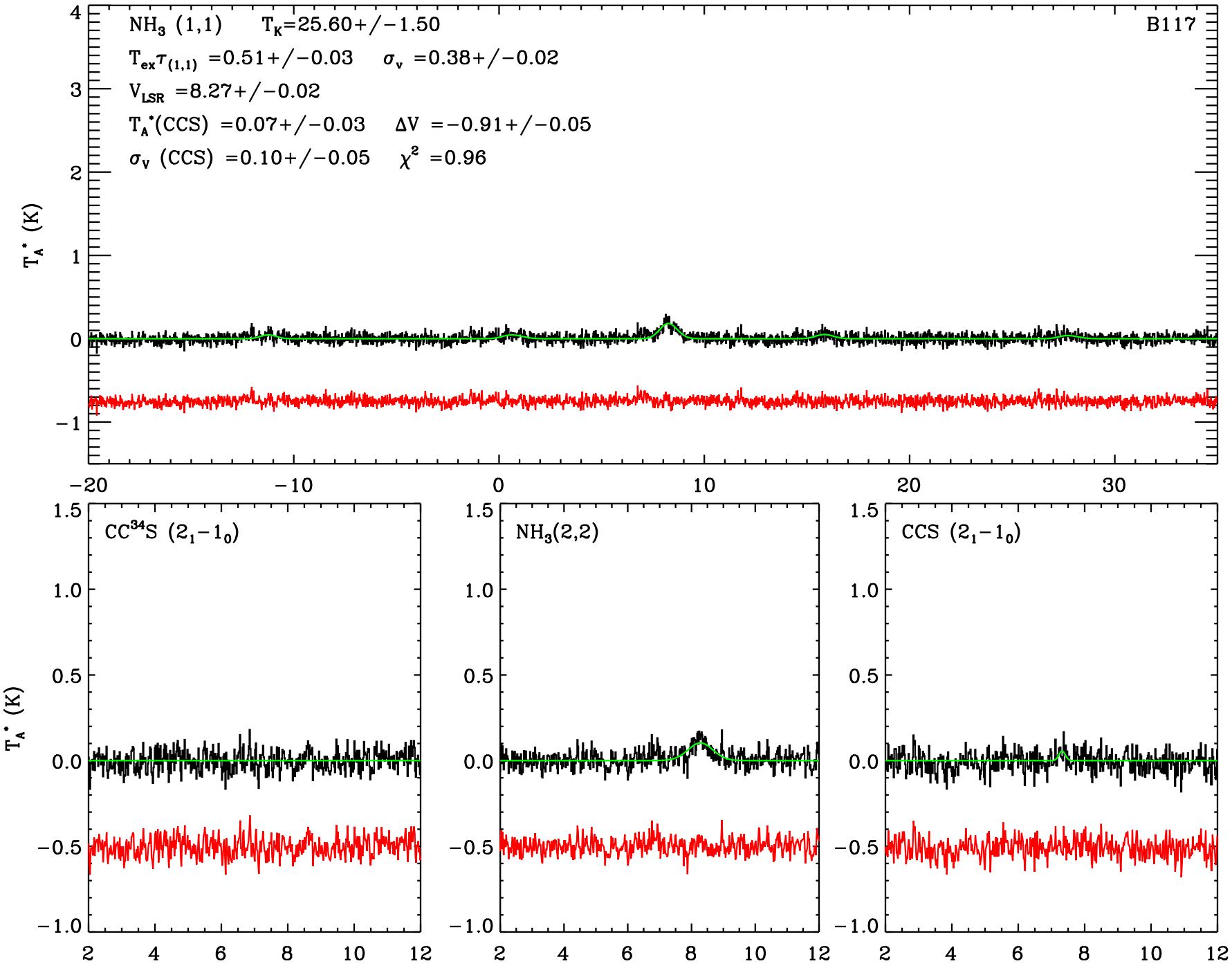

NH3 (1,1) TK=11.66+/−0.17 ηf=0.65+/−0.02
τ(1,1) =3.55+/−0.16 σv =0.19+/−0.00
VLSR =8.64+/−0.00 Tex =8.58+/−0.18
TA*(CCS) =0.26+/−0.10 ΔV =0.10+/−0.02
σV (CCS) =0.04+/−0.00 χ2 =0.90
B112
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

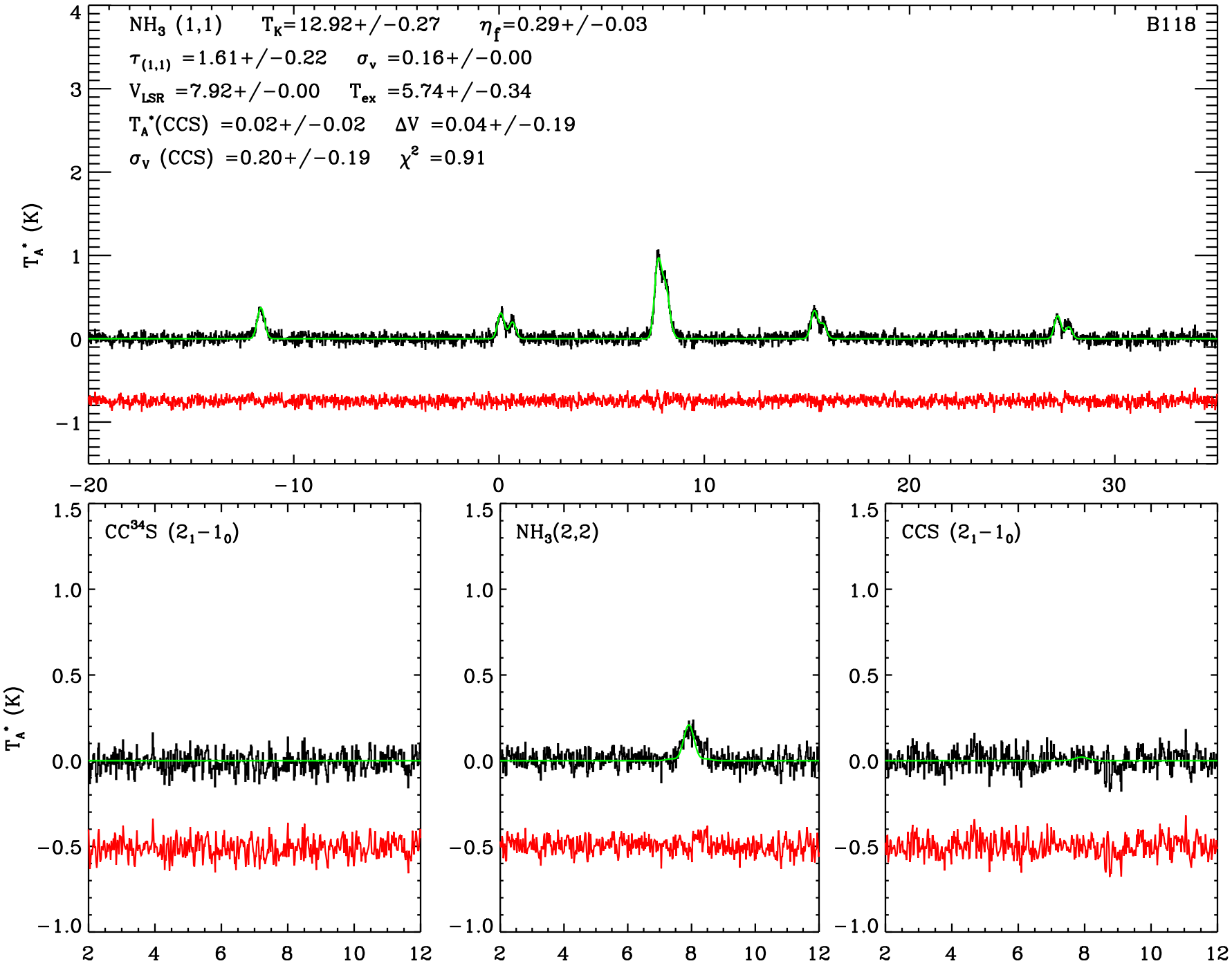

NH3 (1,1) TK=14.24+/−0.39 ηf=0.39+/−0.05
τ(1,1) =1.65+/−0.29 σv =0.22+/−0.01
VLSR =8.74+/−0.01 Tex =7.22+/−0.62
TA*(CCS) =0.04+/−0.04 ΔV =0.49+/−0.41
σV (CCS) =0.34+/−0.41 χ2 =0.94
B113
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

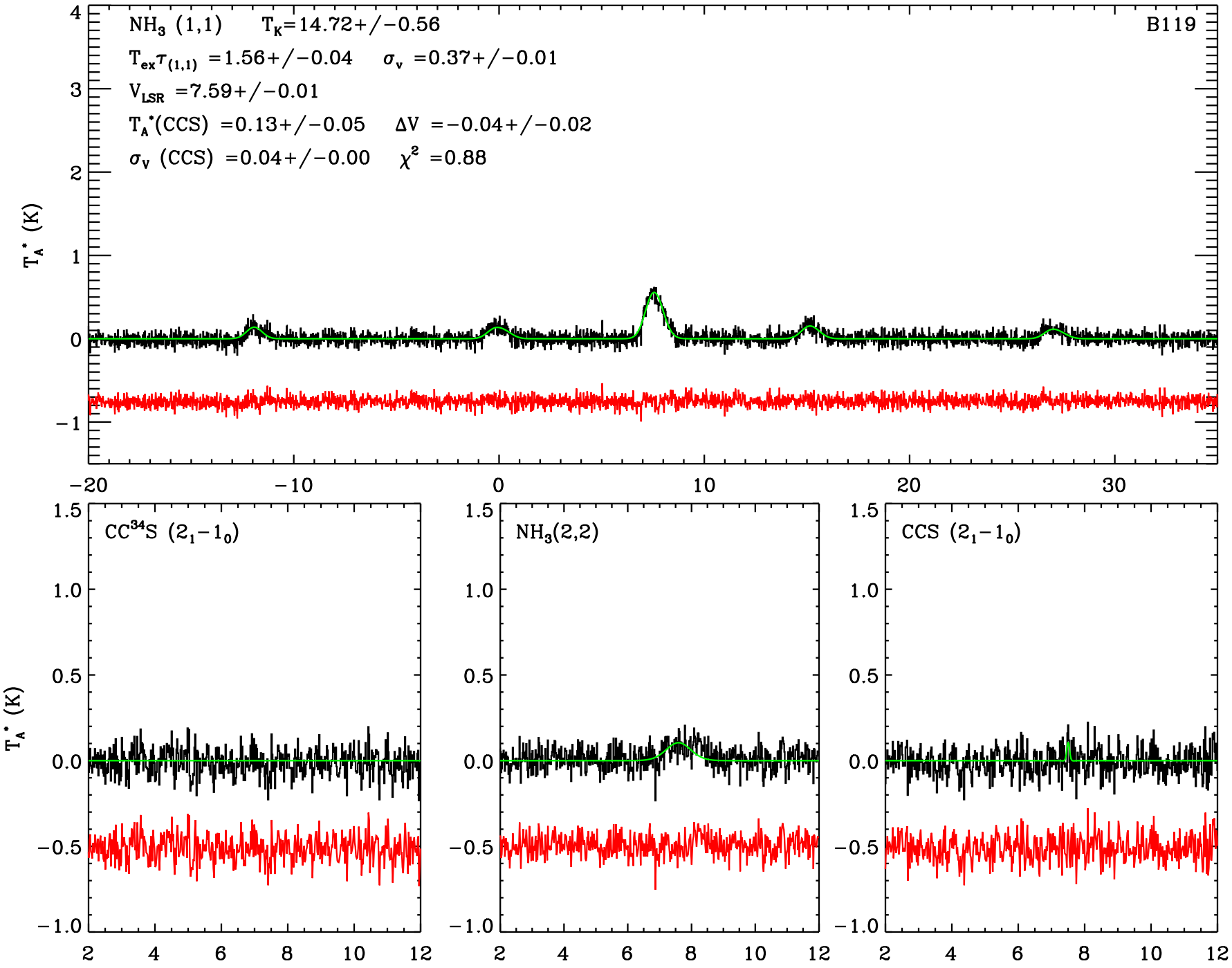

NH3 (1,1) TK=13.47+/−0.39 ηf=0.31+/−0.03
τ(1,1) =1.75+/−0.27 σv =0.35+/−0.01
VLSR =8.55+/−0.01 Tex =6.03+/−0.38
TA*(CCS) =0.04+/−0.05 ΔV =−0.37+/−0.31
σV (CCS) =0.21+/−0.31 χ2 =0.88
B114
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

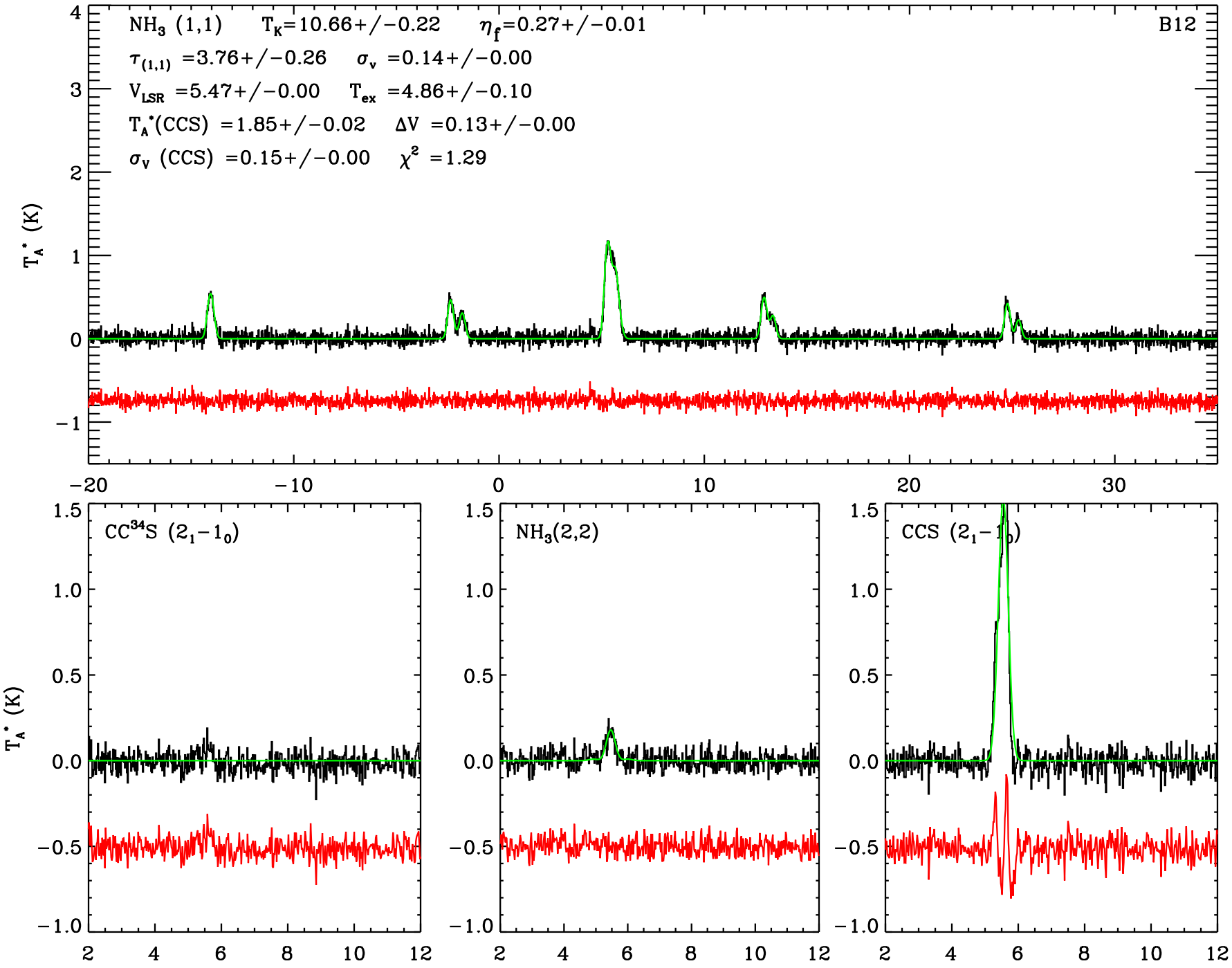

NH3 (1,1) TK=12.90+/−0.14 ηf=0.25+/−0.01
τ(1,1) =3.85+/−0.15 σv =0.18+/−0.00
VLSR =8.27+/−0.00 Tex =5.27+/−0.07
TA*(CCS) =0.18+/−0.02 ΔV =0.02+/−0.02
σV (CCS) =0.14+/−0.02 χ2 =1.05
B115
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

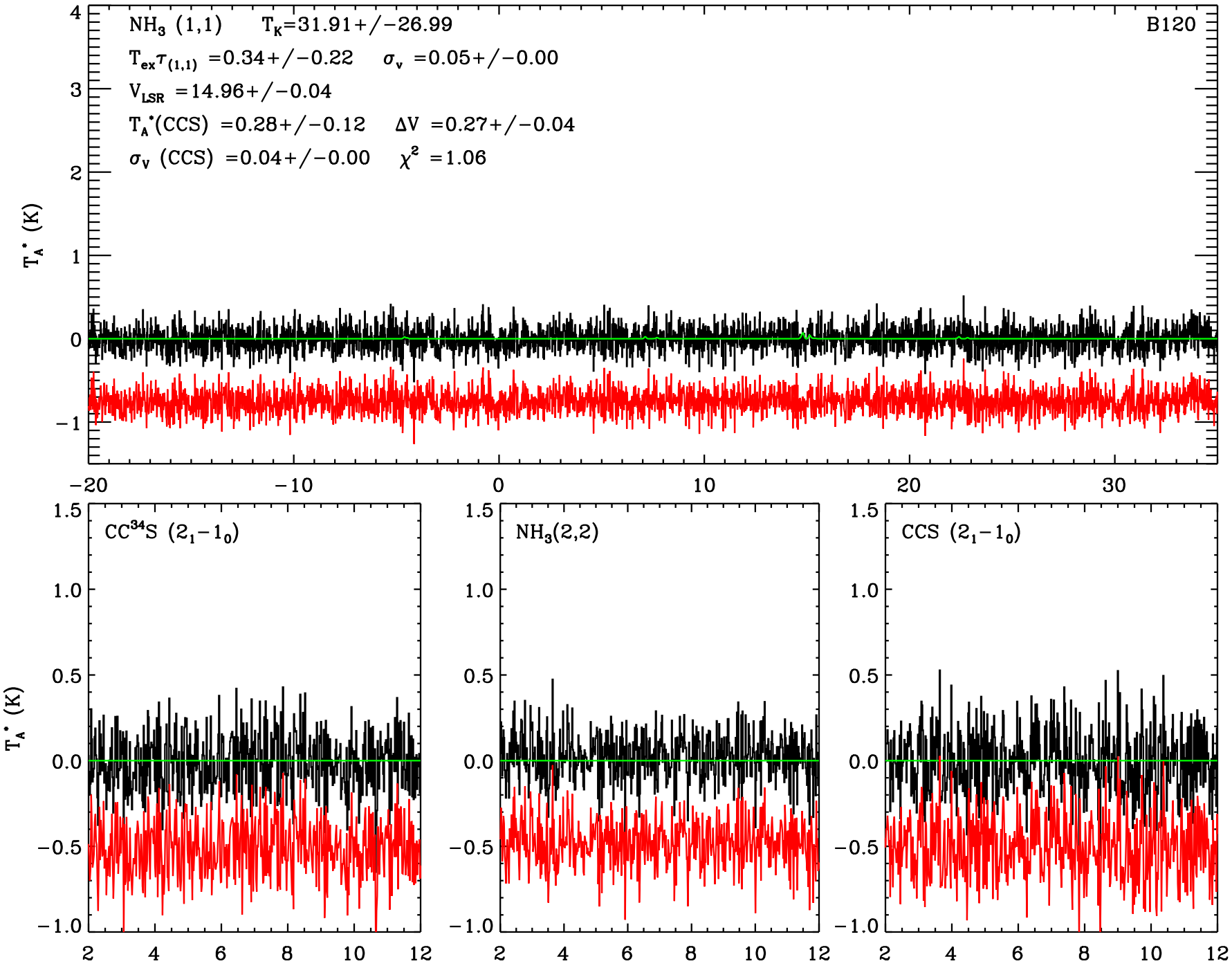

NH3 (1,1) TK=10.67+/−0.30 ηf=0.41+/−0.02
τ(1,1) =5.03+/−0.38 σv =0.11+/−0.00
VLSR =9.99+/−0.00 Tex =6.01+/−0.16
TA*(CCS) =0.21+/−0.10 ΔV =0.01+/−0.03
σV (CCS) =0.06+/−0.03 χ2 =0.91
B116
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

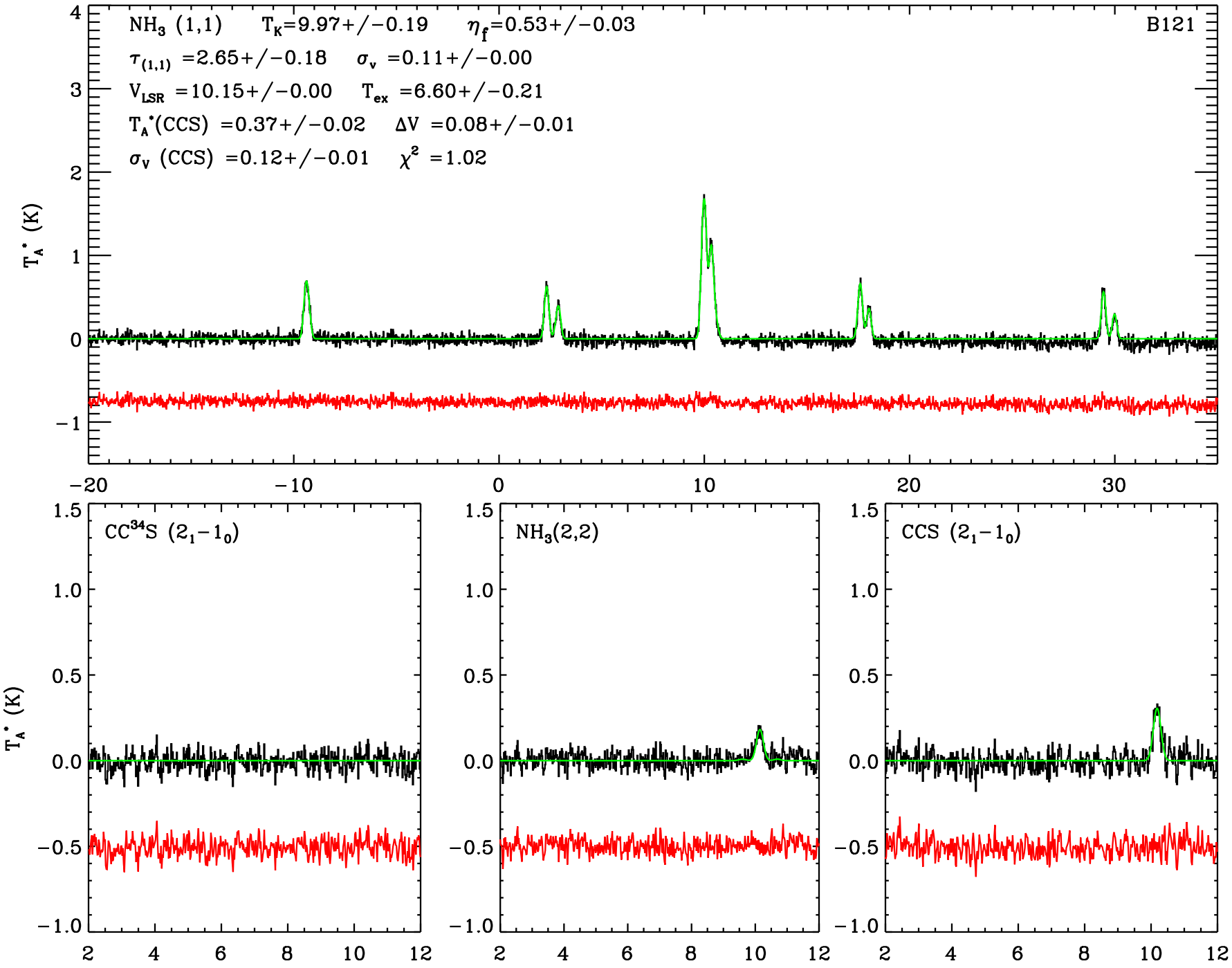

NH3 (1,1) TK=25.60+/−1.50
B117
Tex τ(1,1) =0.51+/−0.03 σv =0.38+/−0.02
VLSR =8.27+/−0.02
TA*(CCS) =0.07+/−0.03 ΔV =−0.91+/−0.05
σV (CCS) =0.10+/−0.05 χ2 =0.96
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

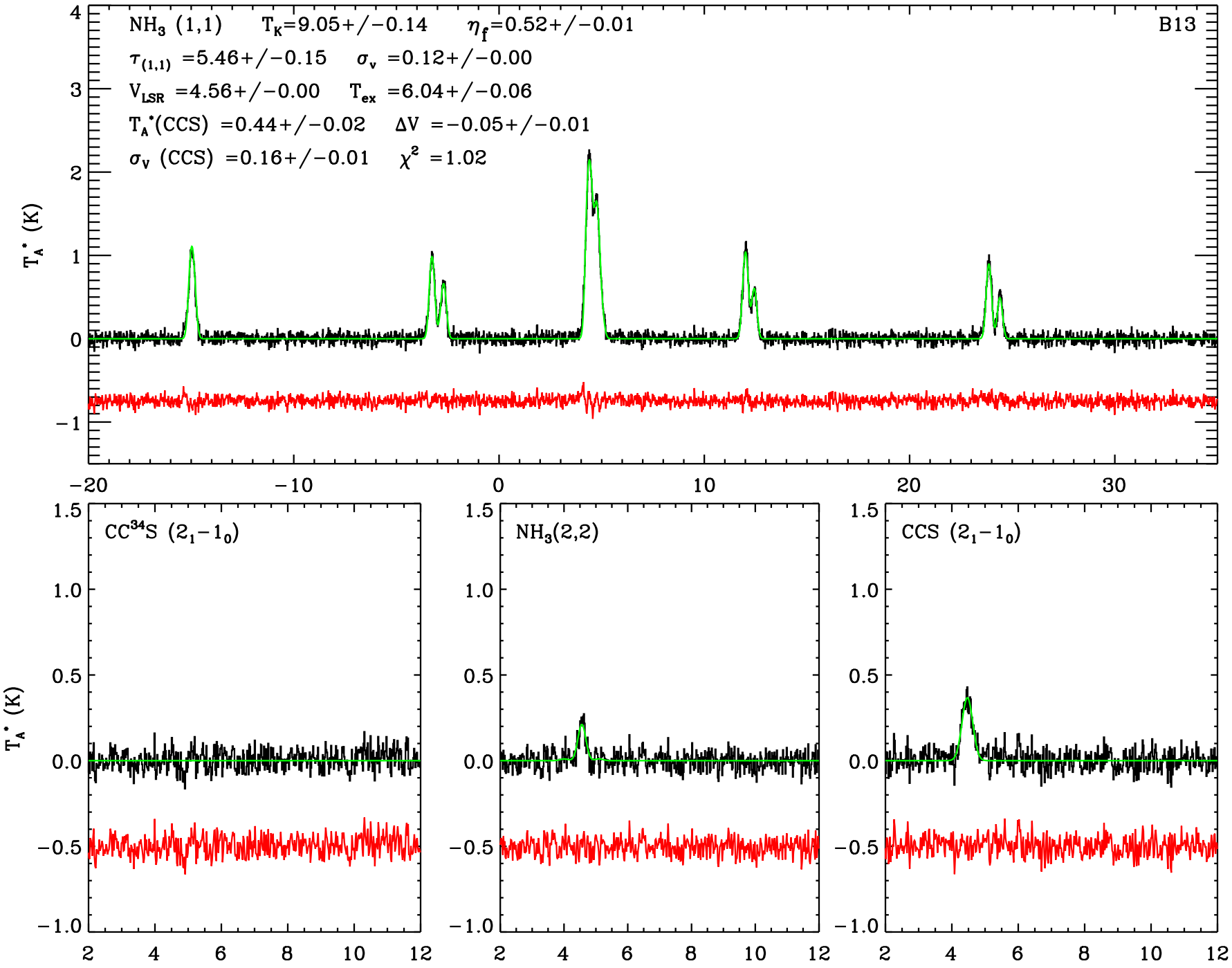

NH3 (1,1) TK=12.92+/−0.27 ηf=0.29+/−0.03
τ(1,1) =1.61+/−0.22 σv =0.16+/−0.00
VLSR =7.92+/−0.00 Tex =5.74+/−0.34
TA*(CCS) =0.02+/−0.02 ΔV =0.04+/−0.19
σV (CCS) =0.20+/−0.19 χ2 =0.91
B118
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

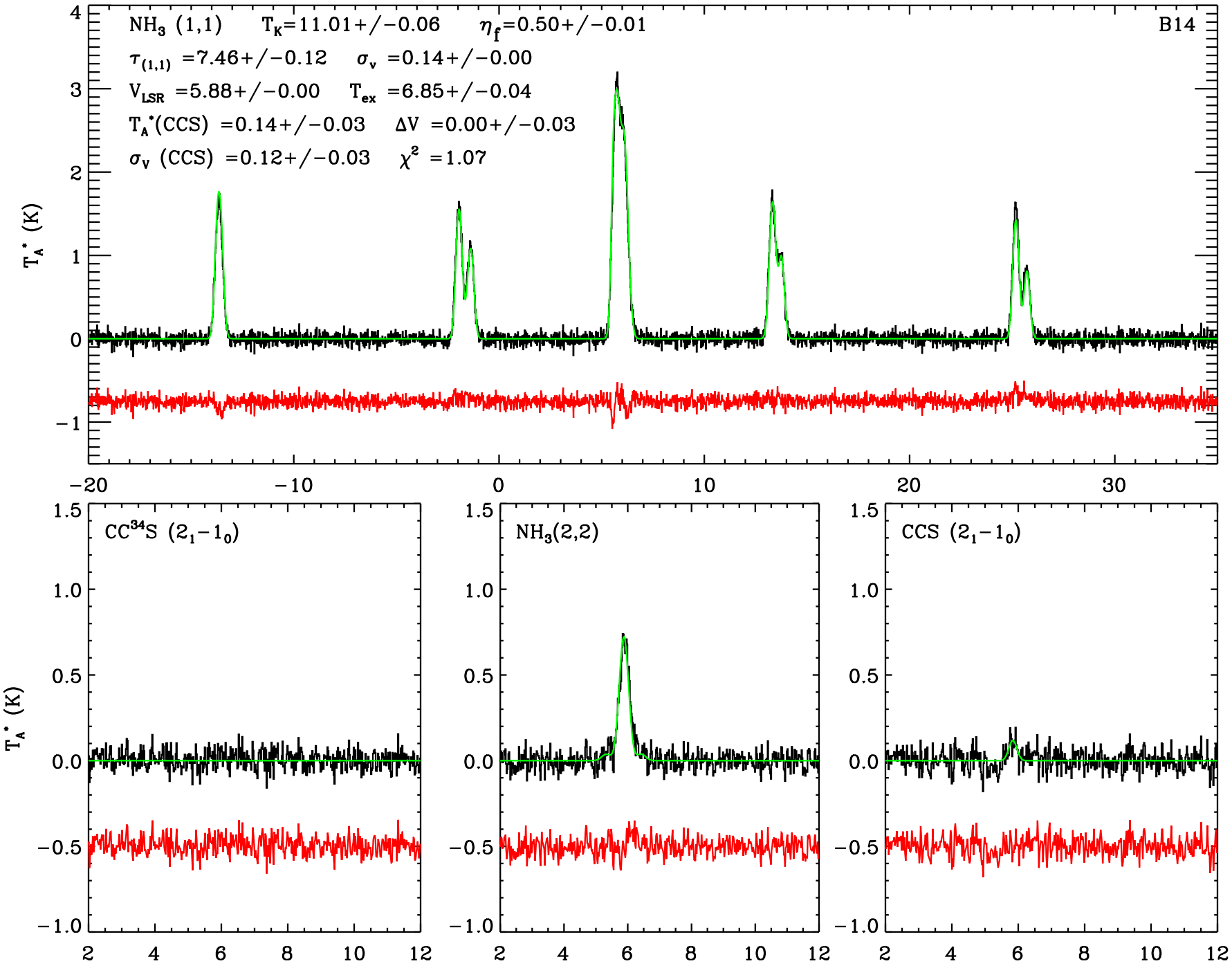

NH3 (1,1) TK=14.72+/−0.56
B119
Tex τ(1,1) =1.56+/−0.04 σv =0.37+/−0.01
VLSR =7.59+/−0.01
TA*(CCS) =0.13+/−0.05 ΔV =−0.04+/−0.02
σV (CCS) =0.04+/−0.00 χ2 =0.88
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

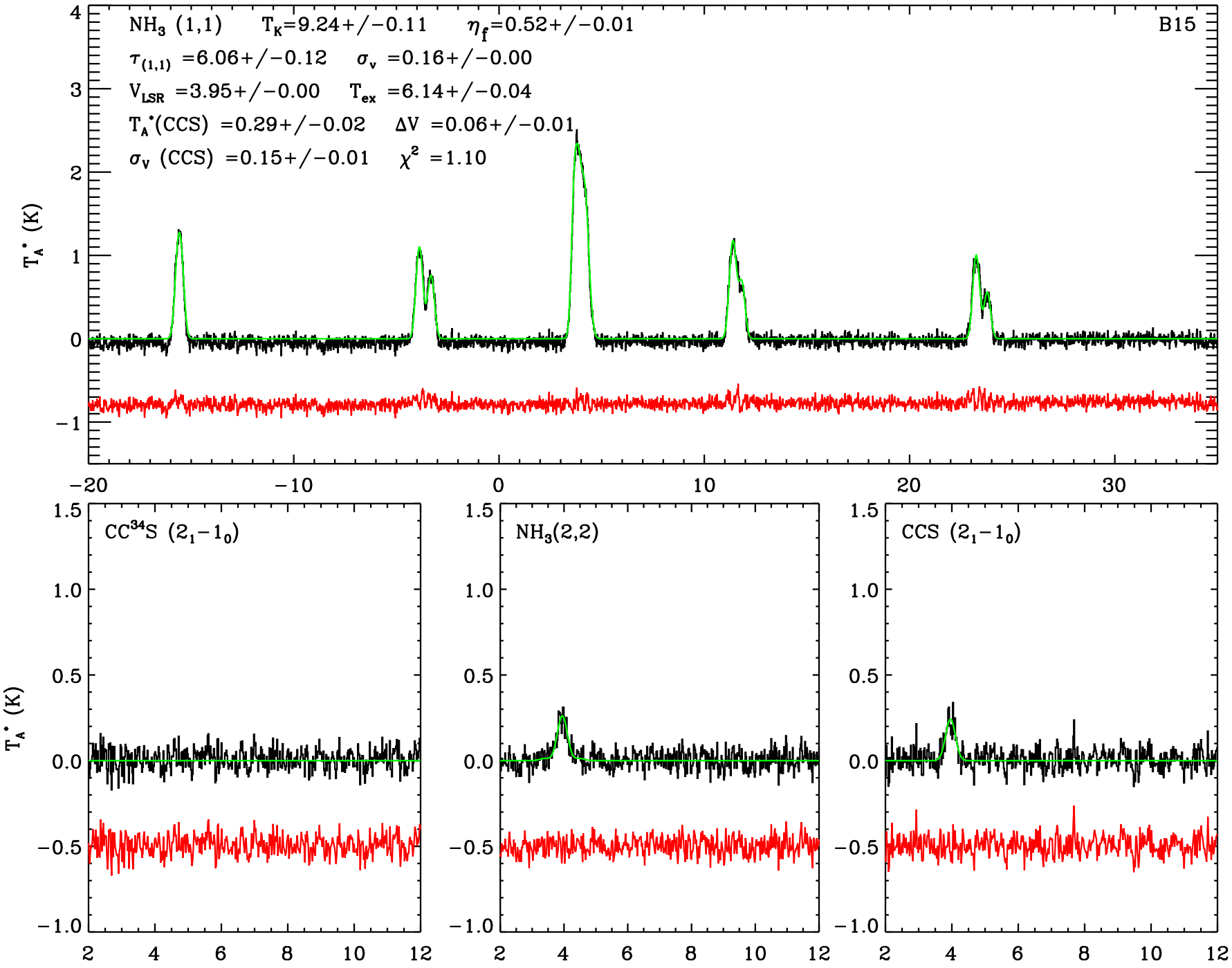

NH3 (1,1) TK=10.66+/−0.22 ηf=0.27+/−0.01
τ(1,1) =3.76+/−0.26 σv =0.14+/−0.00
VLSR =5.47+/−0.00 Tex =4.86+/−0.10
TA*(CCS) =1.85+/−0.02 ΔV =0.13+/−0.00
σV (CCS) =0.15+/−0.00 χ2 =1.29
B12
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

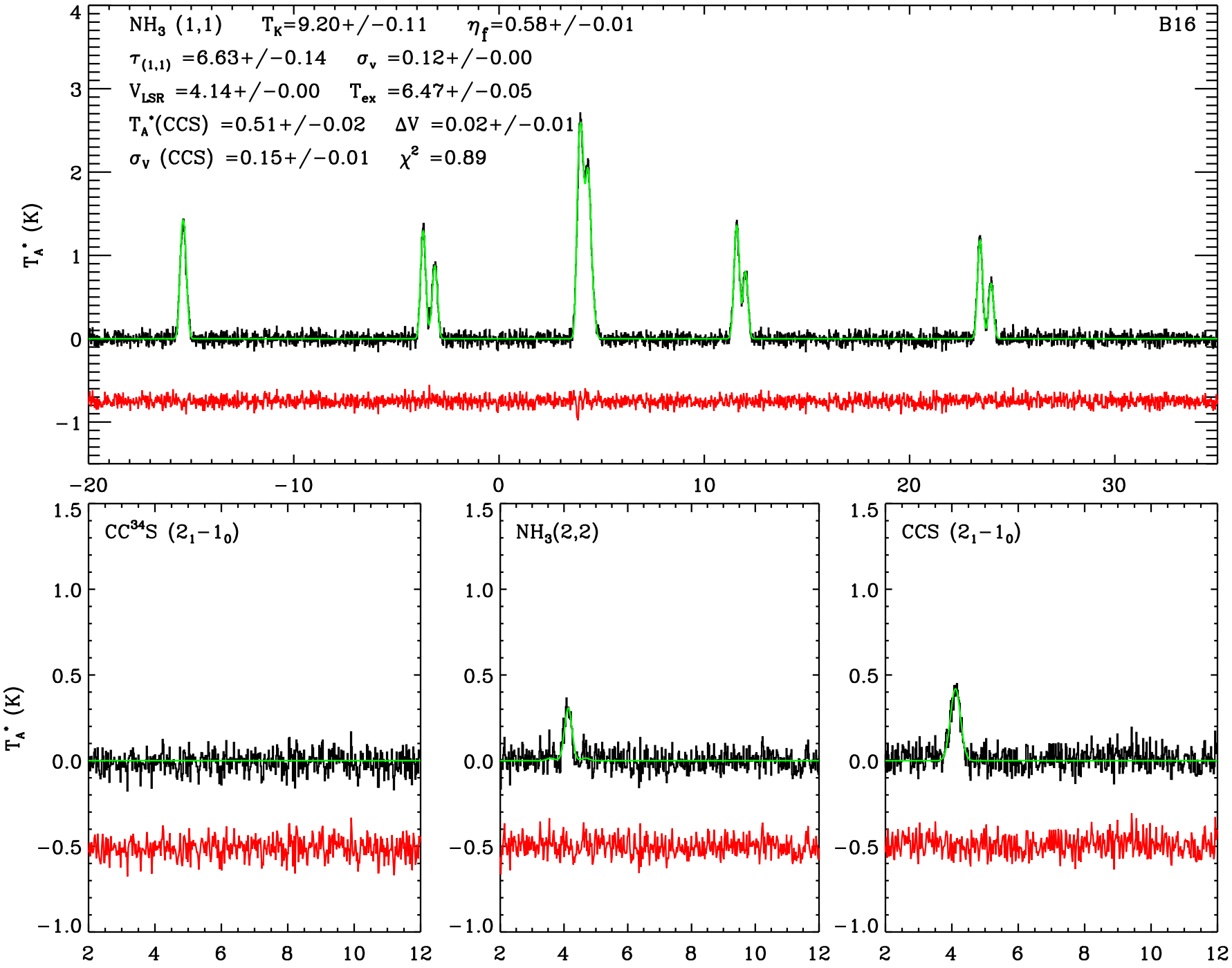

NH3 (1,1) TK=31.91+/−26.99
B120
Tex τ(1,1) =0.34+/−0.22 σv =0.05+/−0.00
VLSR =14.96+/−0.04
TA*(CCS) =0.28+/−0.12 ΔV =0.27+/−0.04
σV (CCS) =0.04+/−0.00 χ2 =1.06
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

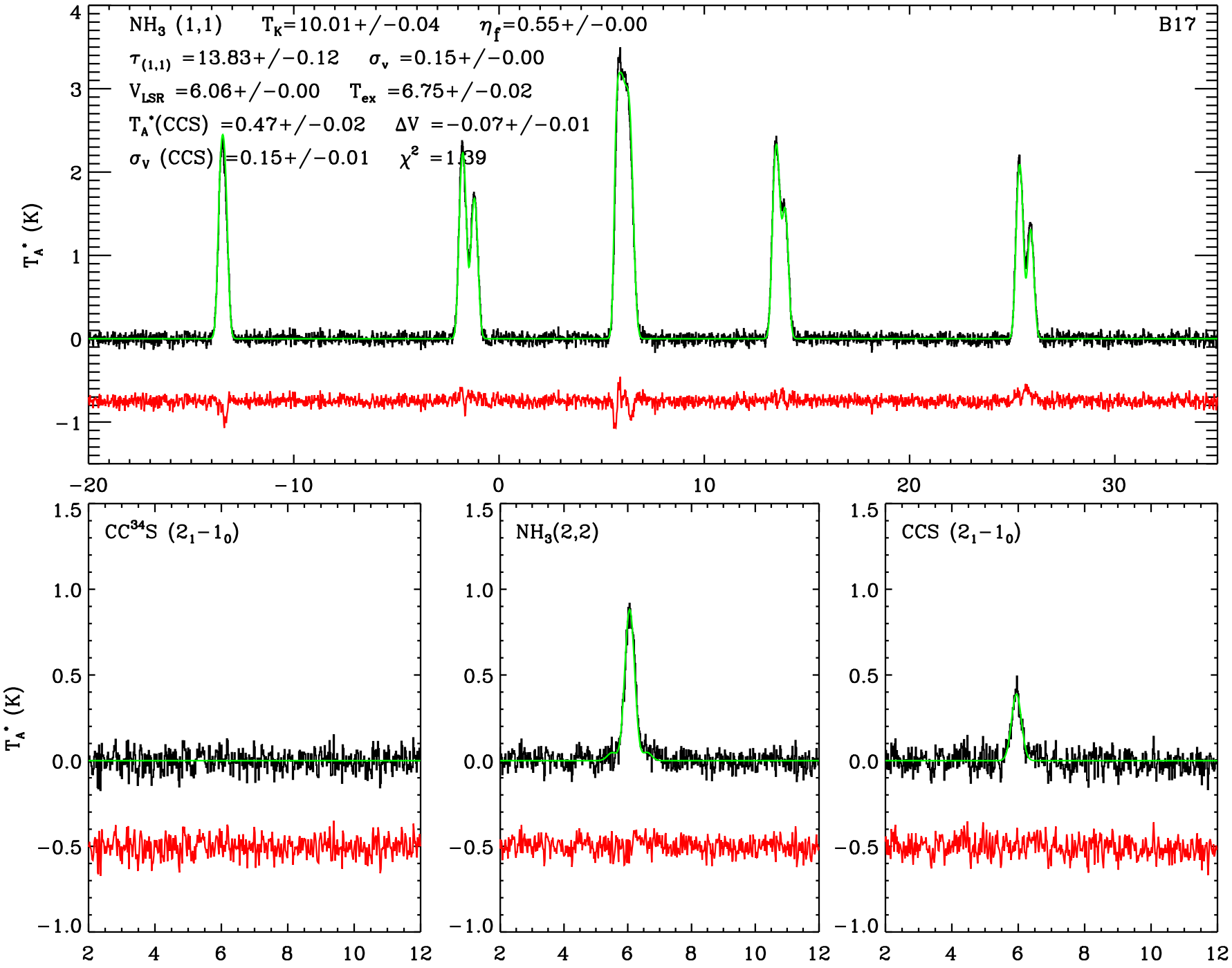

NH3 (1,1) TK=9.97+/−0.19 ηf=0.53+/−0.03
τ(1,1) =2.65+/−0.18 σv =0.11+/−0.00
VLSR =10.15+/−0.00 Tex =6.60+/−0.21
TA*(CCS) =0.37+/−0.02 ΔV =0.08+/−0.01
σV (CCS) =0.12+/−0.01 χ2 =1.02
B121
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

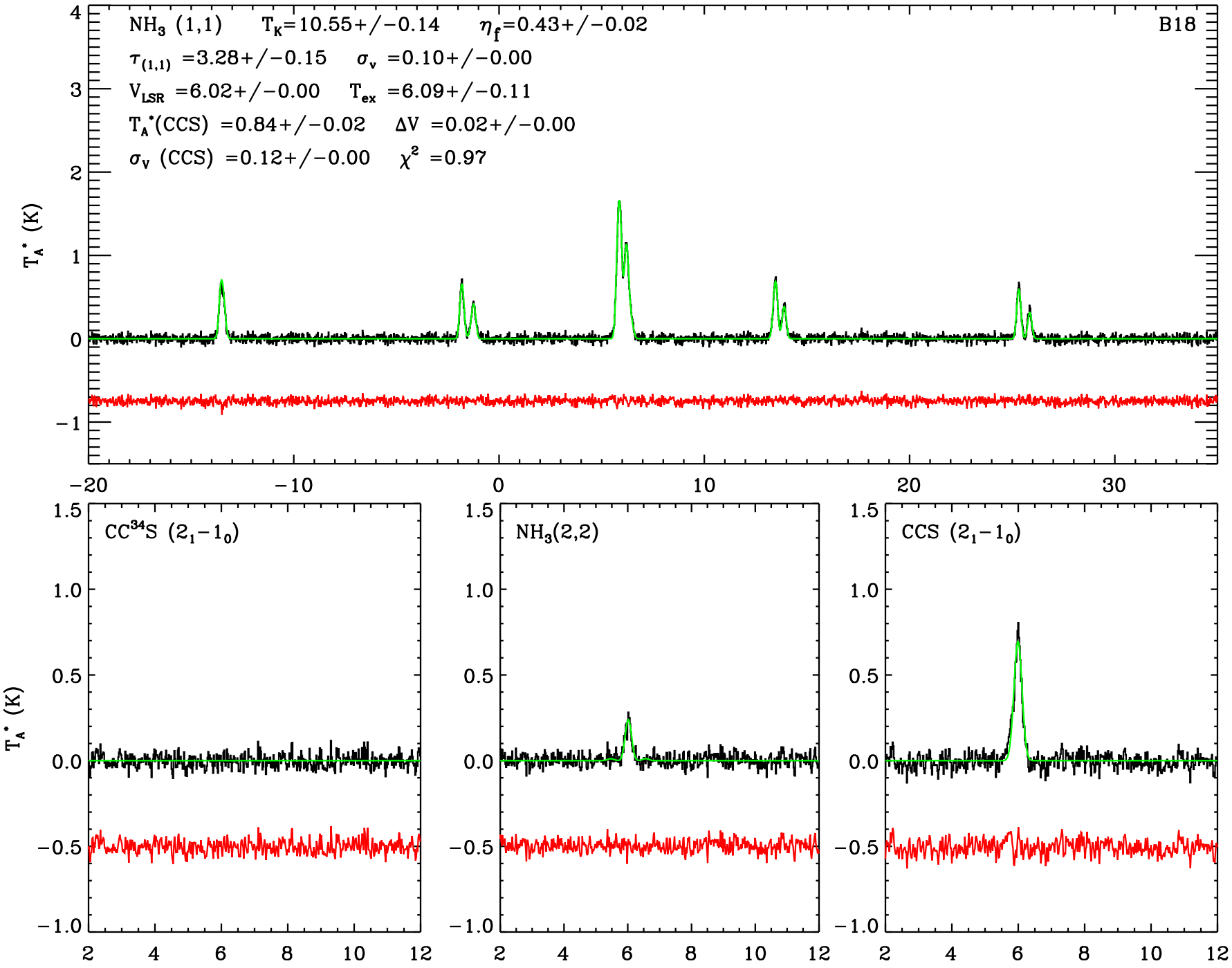

NH3 (1,1) TK=9.05+/−0.14 ηf=0.52+/−0.01
τ(1,1) =5.46+/−0.15 σv =0.12+/−0.00
VLSR =4.56+/−0.00 Tex =6.04+/−0.06
TA*(CCS) =0.44+/−0.02 ΔV =−0.05+/−0.01
σV (CCS) =0.16+/−0.01 χ2 =1.02
B13
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

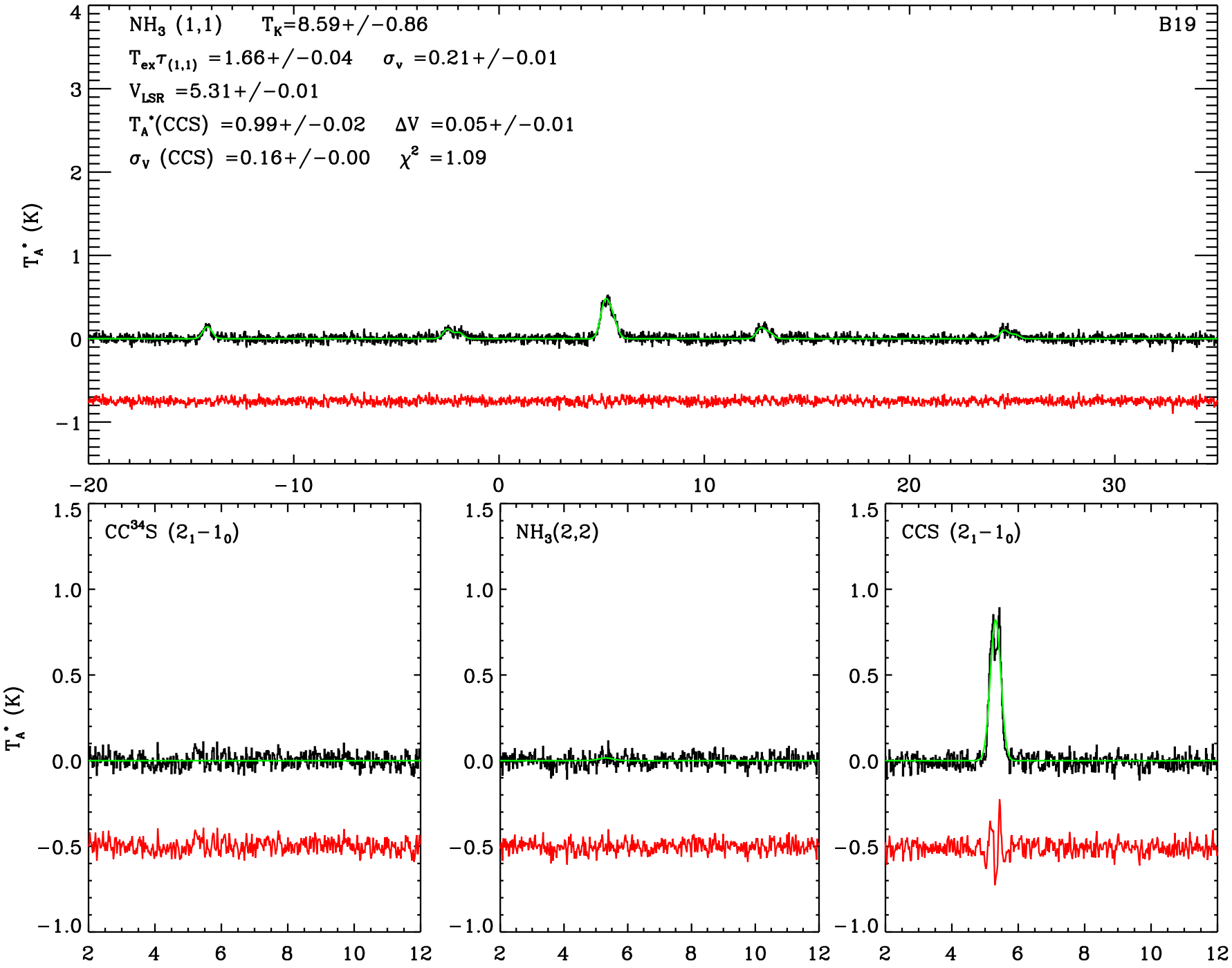

NH3 (1,1) TK=11.01+/−0.06 ηf=0.50+/−0.01
τ(1,1) =7.46+/−0.12 σv =0.14+/−0.00
VLSR =5.88+/−0.00 Tex =6.85+/−0.04
TA*(CCS) =0.14+/−0.03 ΔV =0.00+/−0.03
σV (CCS) =0.12+/−0.03 χ2 =1.07
B14
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

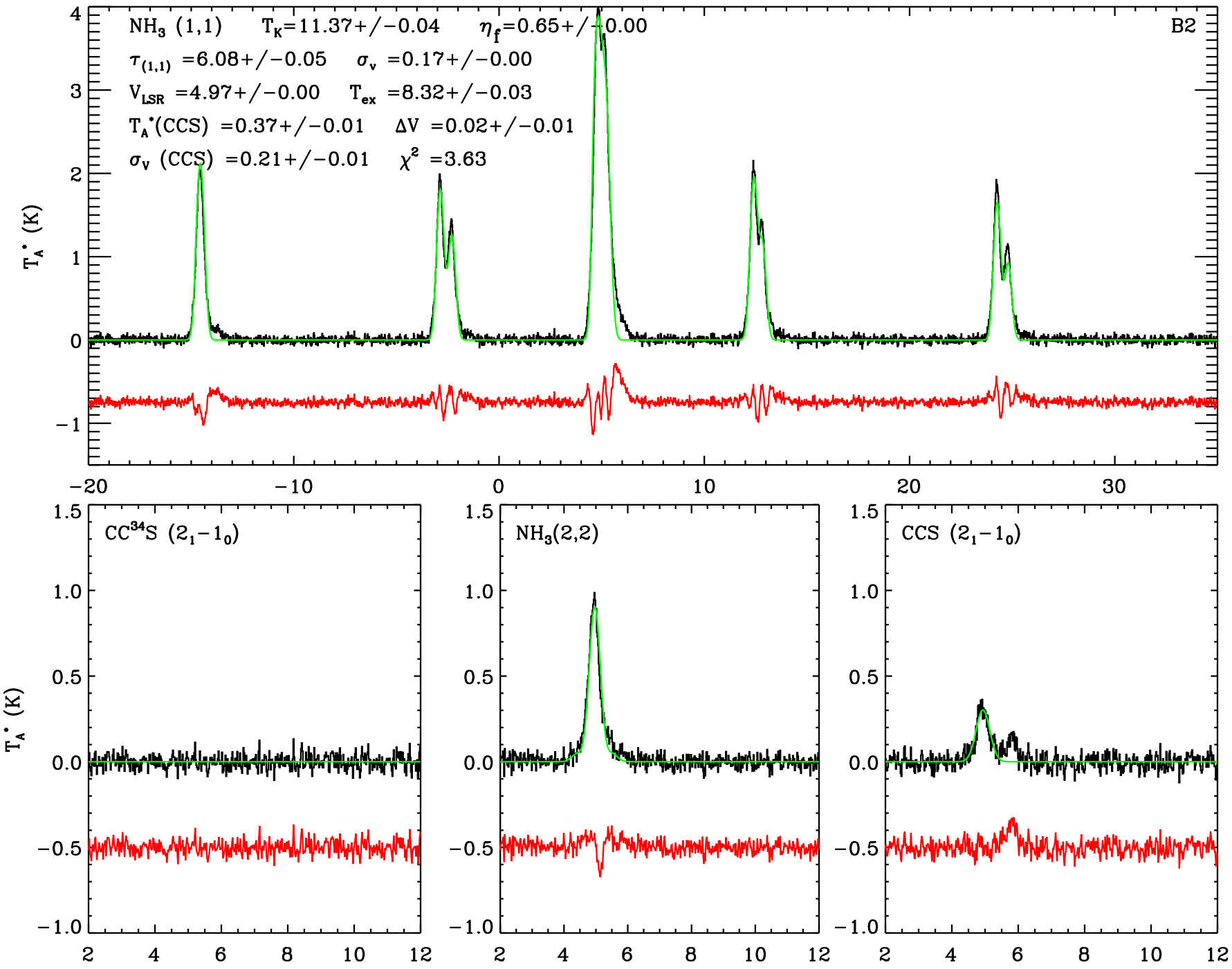

NH3 (1,1) TK=9.24+/−0.11 ηf=0.52+/−0.01
τ(1,1) =6.06+/−0.12 σv =0.16+/−0.00
VLSR =3.95+/−0.00 Tex =6.14+/−0.04
TA*(CCS) =0.29+/−0.02 ΔV =0.06+/−0.01
σV (CCS) =0.15+/−0.01 χ2 =1.10
B15
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

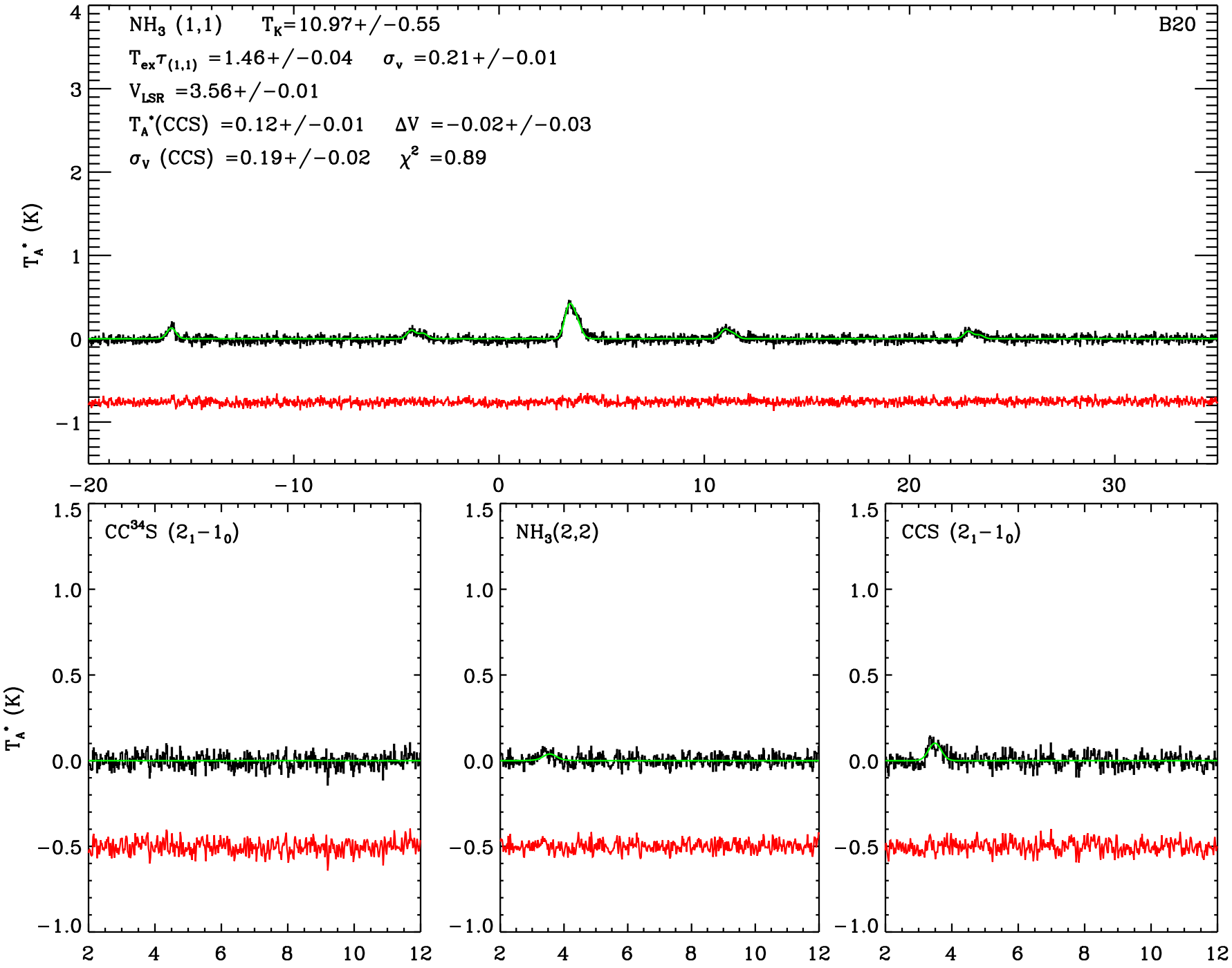

NH3 (1,1) TK=9.20+/−0.11 ηf=0.58+/−0.01
τ(1,1) =6.63+/−0.14 σv =0.12+/−0.00
VLSR =4.14+/−0.00 Tex =6.47+/−0.05
TA*(CCS) =0.51+/−0.02 ΔV =0.02+/−0.01
σV (CCS) =0.15+/−0.01 χ2 =0.89
B16
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

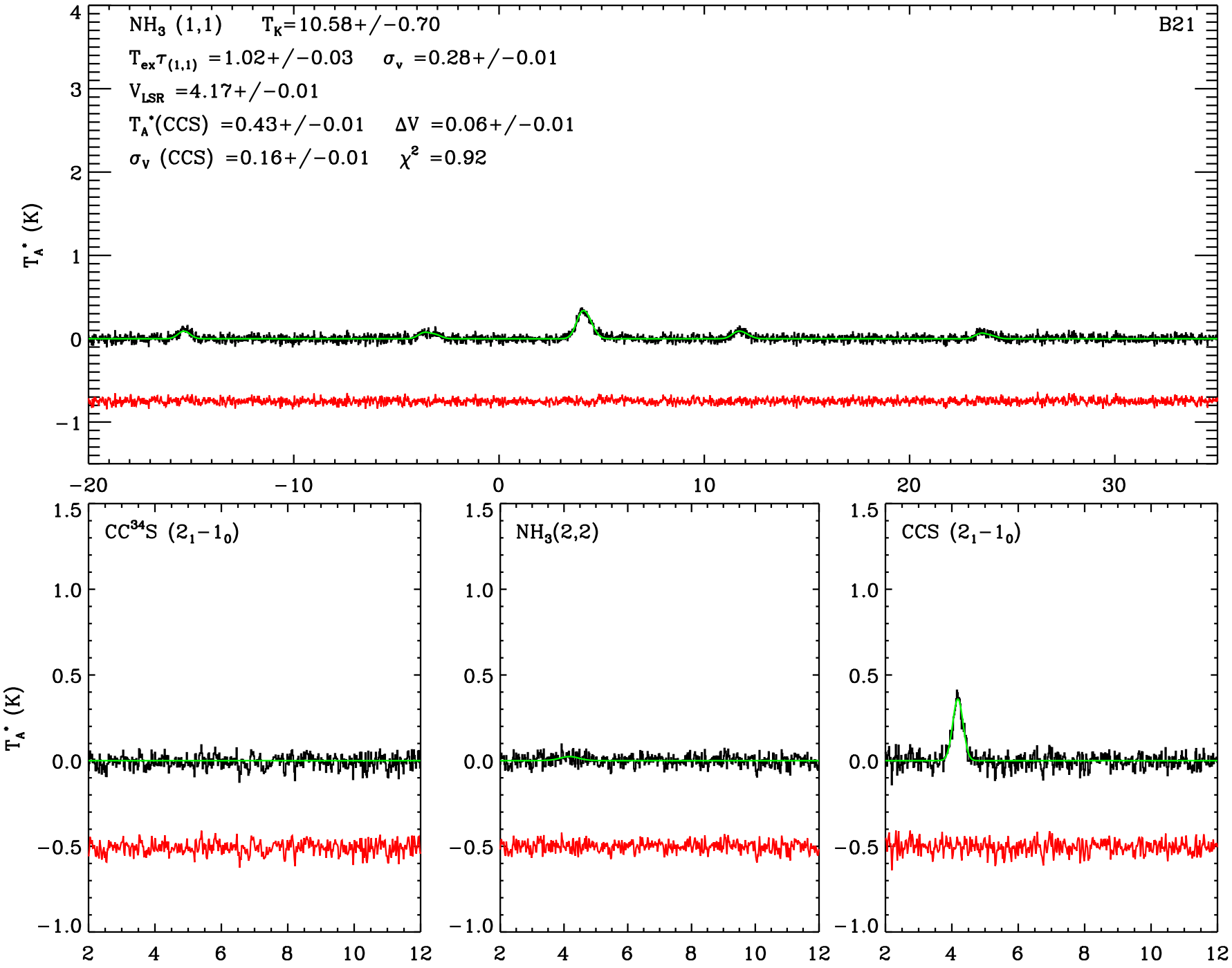

NH3 (1,1) TK=10.01+/−0.04 ηf=0.55+/−0.00
τ(1,1) =13.83+/−0.12 σv =0.15+/−0.00
VLSR =6.06+/−0.00 Tex =6.75+/−0.02
TA*(CCS) =0.47+/−0.02 ΔV =−0.07+/−0.01
σV (CCS) =0.15+/−0.01 χ2 =1.39
B17
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

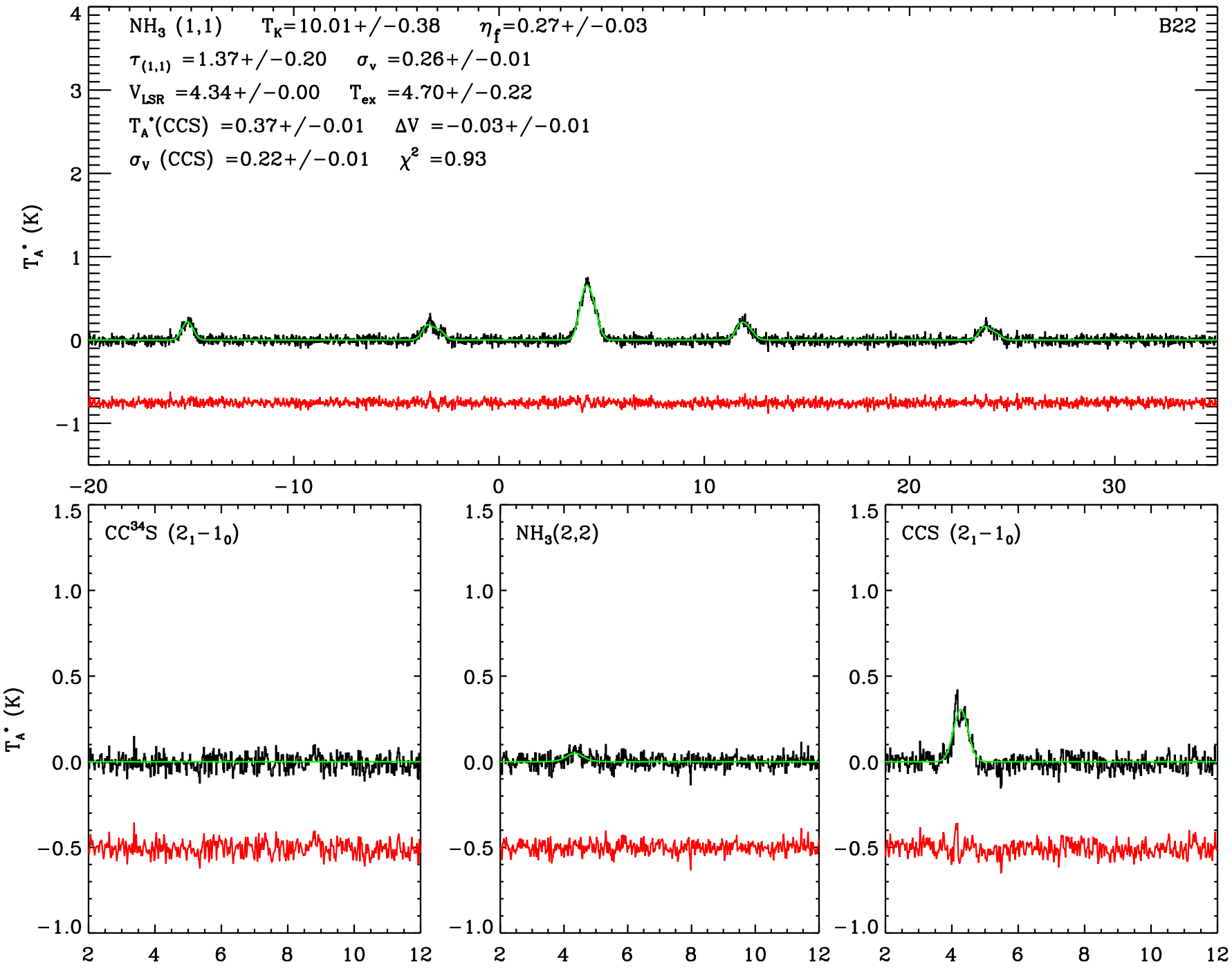

NH3 (1,1) TK=10.55+/−0.14 ηf=0.43+/−0.02
τ(1,1) =3.28+/−0.15 σv =0.10+/−0.00
VLSR =6.02+/−0.00 Tex =6.09+/−0.11
TA*(CCS) =0.84+/−0.02 ΔV =0.02+/−0.00
σV (CCS) =0.12+/−0.00 χ2 =0.97
B18
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

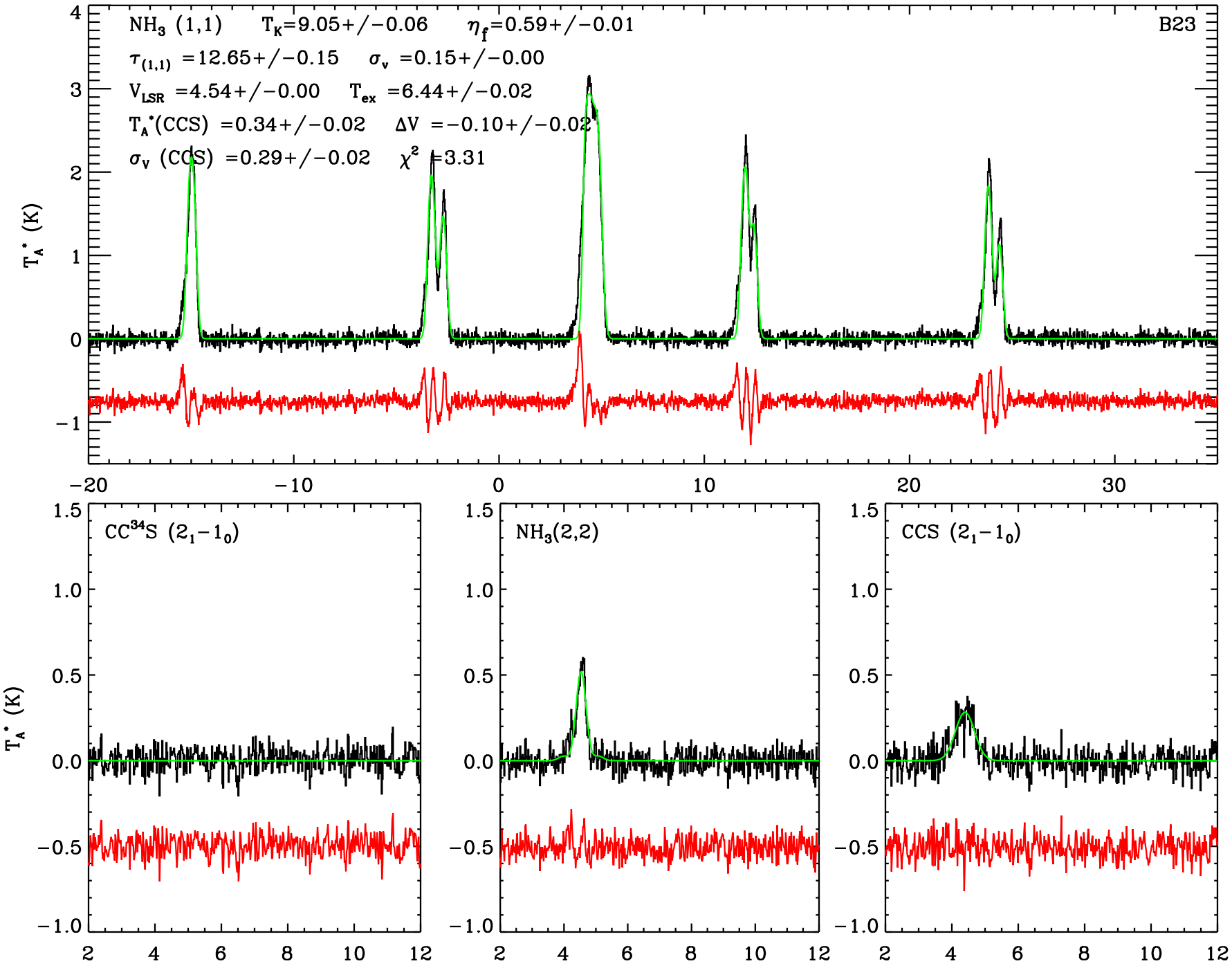

NH3 (1,1) TK=8.59+/−0.86
B19
Tex τ(1,1) =1.66+/−0.04 σv =0.21+/−0.01
VLSR =5.31+/−0.01
TA*(CCS) =0.99+/−0.02 ΔV =0.05+/−0.01
σv (CCS) =0.16+/−0.00 χ2 =1.09
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

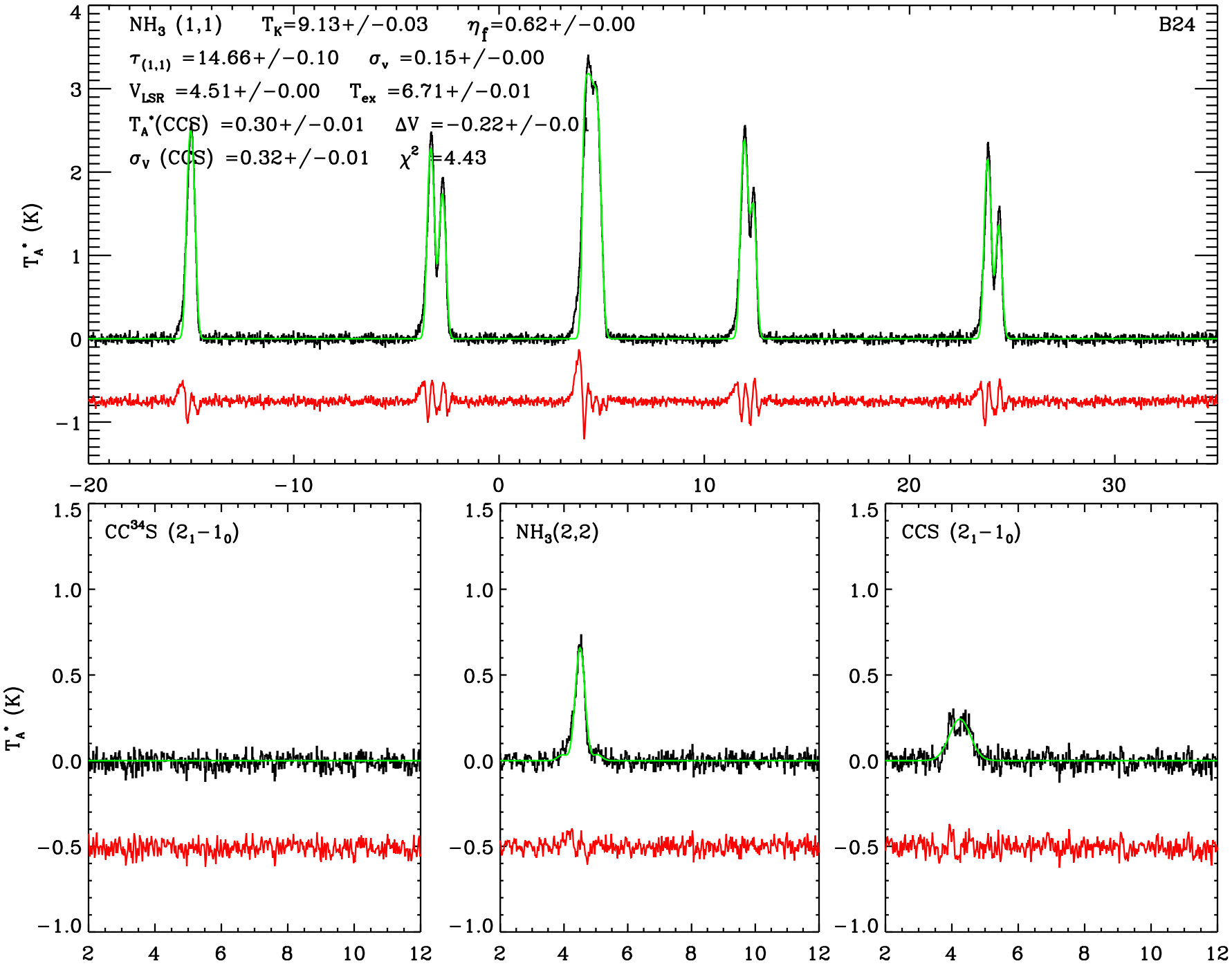

NH3 (1,1) TK=11.37+/−0.04 ηf=0.65+/−0.00
τ(1,1) =6.08+/−0.05 σv =0.17+/−0.00
VLSR =4.97+/−0.00 Tex =8.32+/−0.03
TA*(CCS) =0.37+/−0.01 ΔV =0.02+/−0.01
σV (CCS) =0.21+/−0.01 χ2 =3.63
B2
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

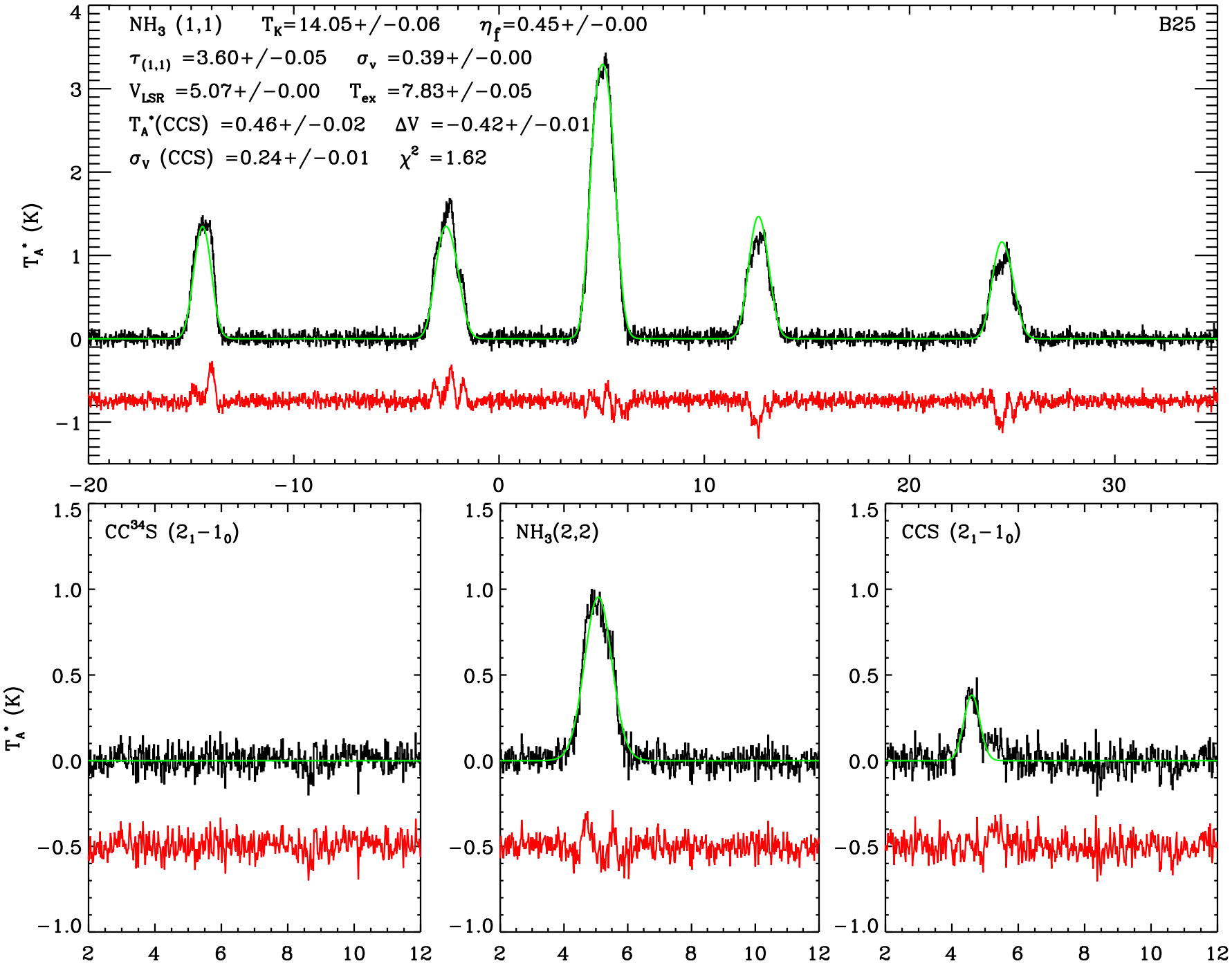

NH3 (1,1) TK=10.97+/−0.55
B20
Tex τ(1,1) =1.46+/−0.04 σv =0.21+/−0.01
VLSR =3.56+/−0.01
TA*(CCS) =0.12+/−0.01 ΔV =−0.02+/−0.03
σV (CCS) =0.19+/−0.02 χ2 =0.89
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

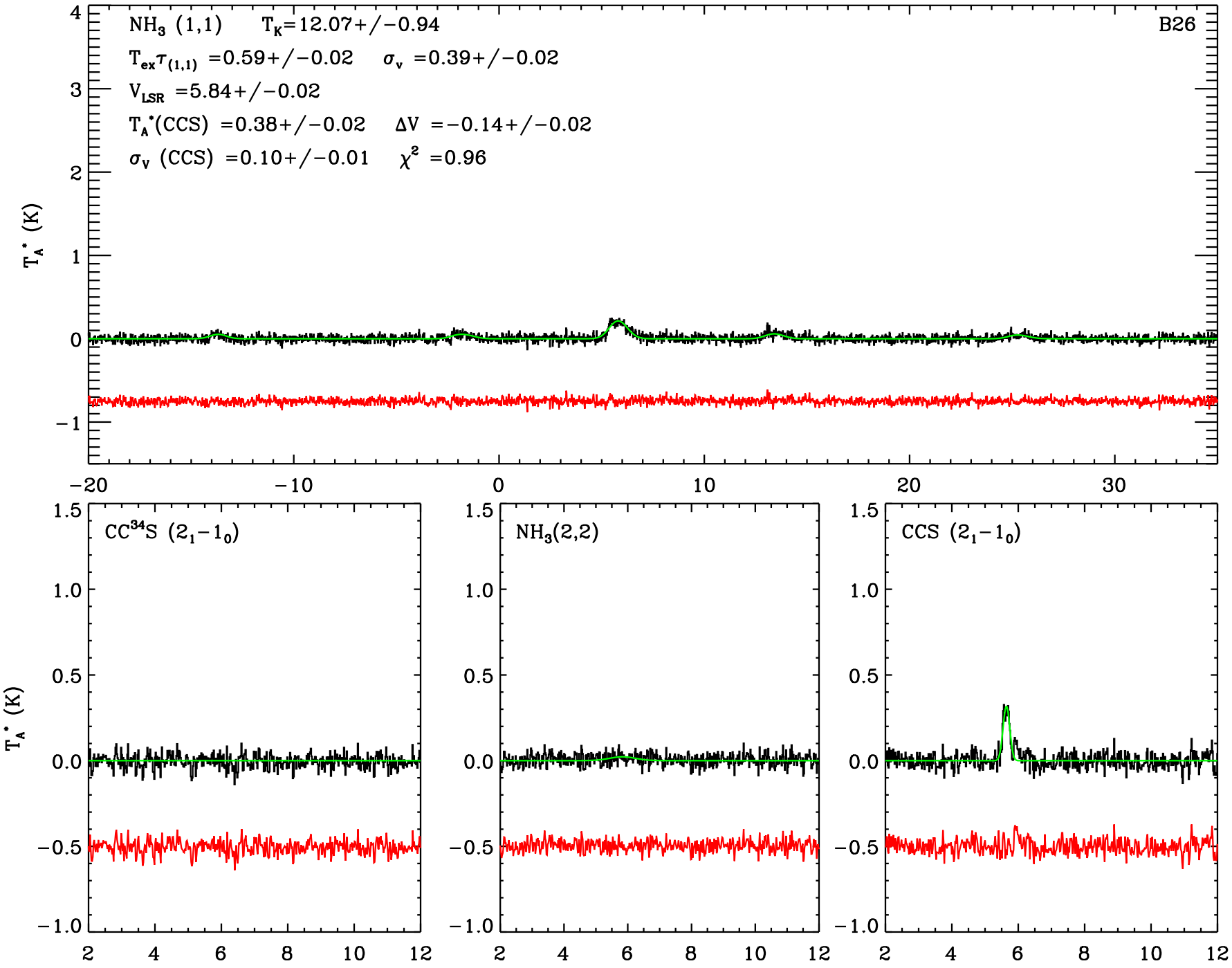

NH3 (1,1) TK=10.58+/−0.70
B21
Tex τ(1,1) =1.02+/−0.03 σv =0.28+/−0.01
VLSR =4.17+/−0.01
TA*(CCS) =0.43+/−0.01 ΔV =0.06+/−0.01
σV (CCS) =0.16+/−0.01 χ2 =0.92
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

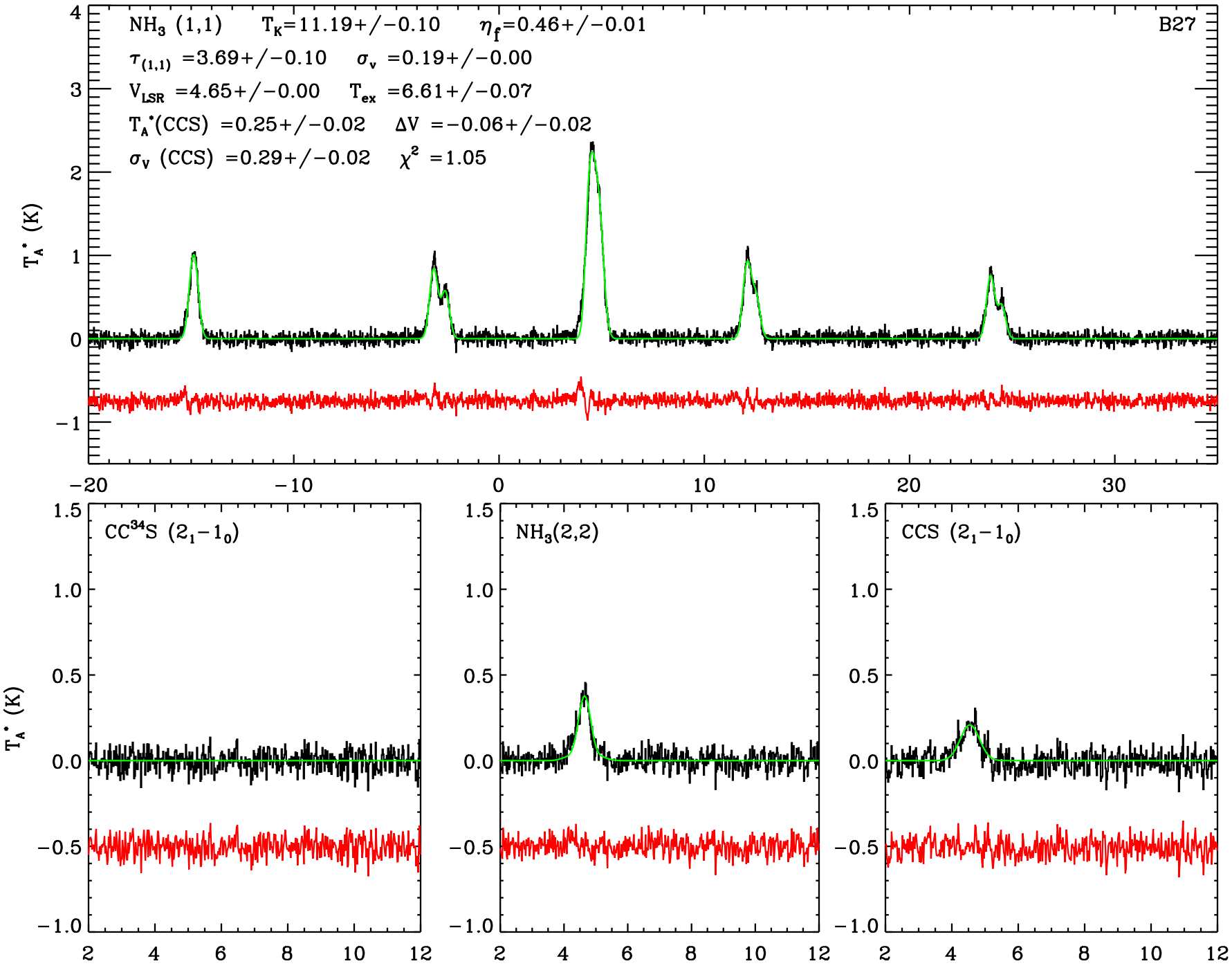

NH3 (1,1) TK=10.01+/−0.38 ηf=0.27+/−0.03
τ(1,1) =1.37+/−0.20 σv =0.26+/−0.01
VLSR =4.34+/−0.00 Tex =4.70+/−0.22
TA*(CCS) =0.37+/−0.01 ΔV =−0.03+/−0.01
σV (CCS) =0.22+/−0.01 χ2 =0.93
B22
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

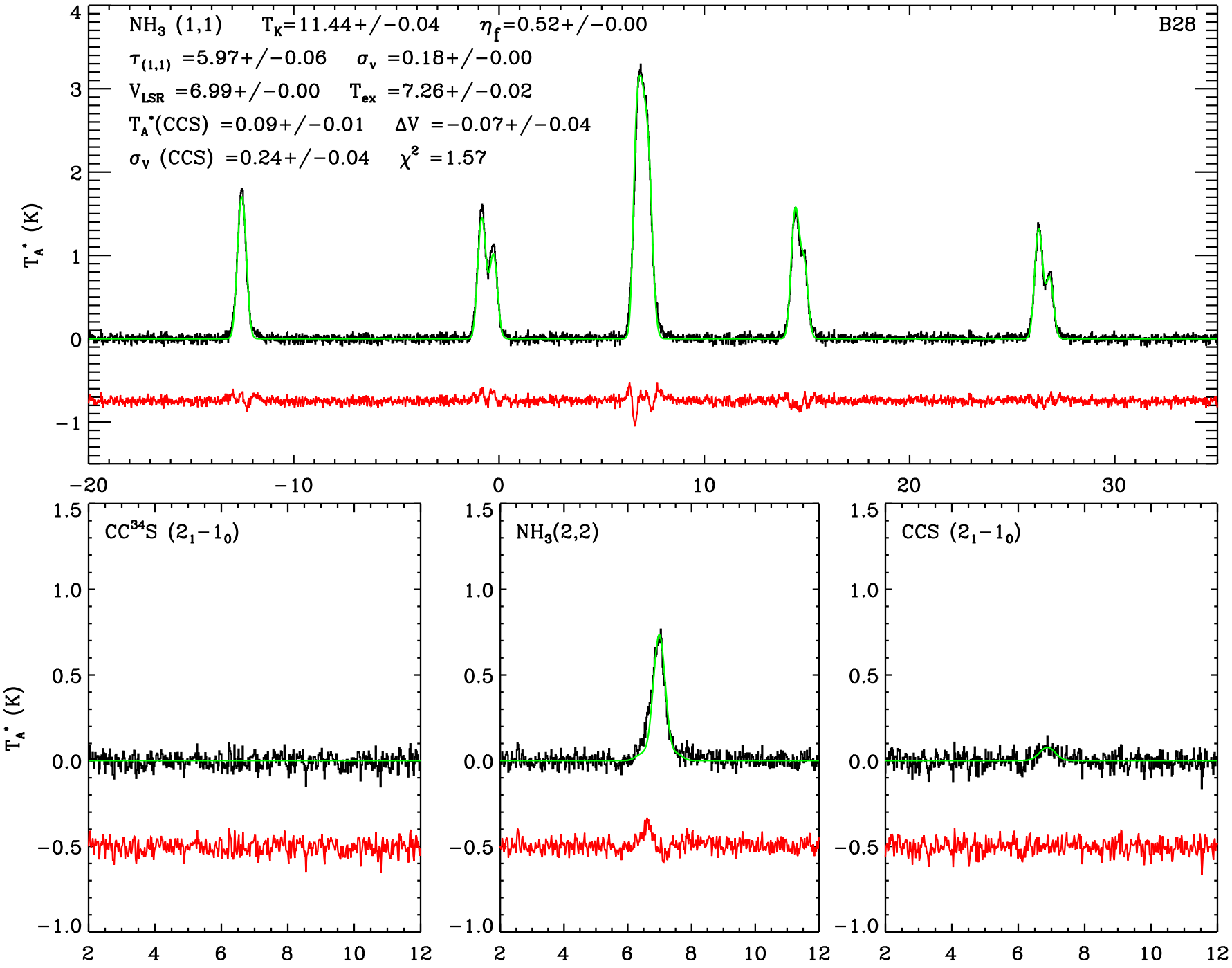

NH3 (1,1) TK=9.05+/−0.06 ηf=0.59+/−0.01
τ(1,1) =12.65+/−0.15 σv =0.15+/−0.00
VLSR =4.54+/−0.00 Tex =6.44+/−0.02
TA*(CCS) =0.34+/−0.02 ΔV =−0.10+/−0.02
σV (CCS) =0.29+/−0.02 χ2 =3.31
B23
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

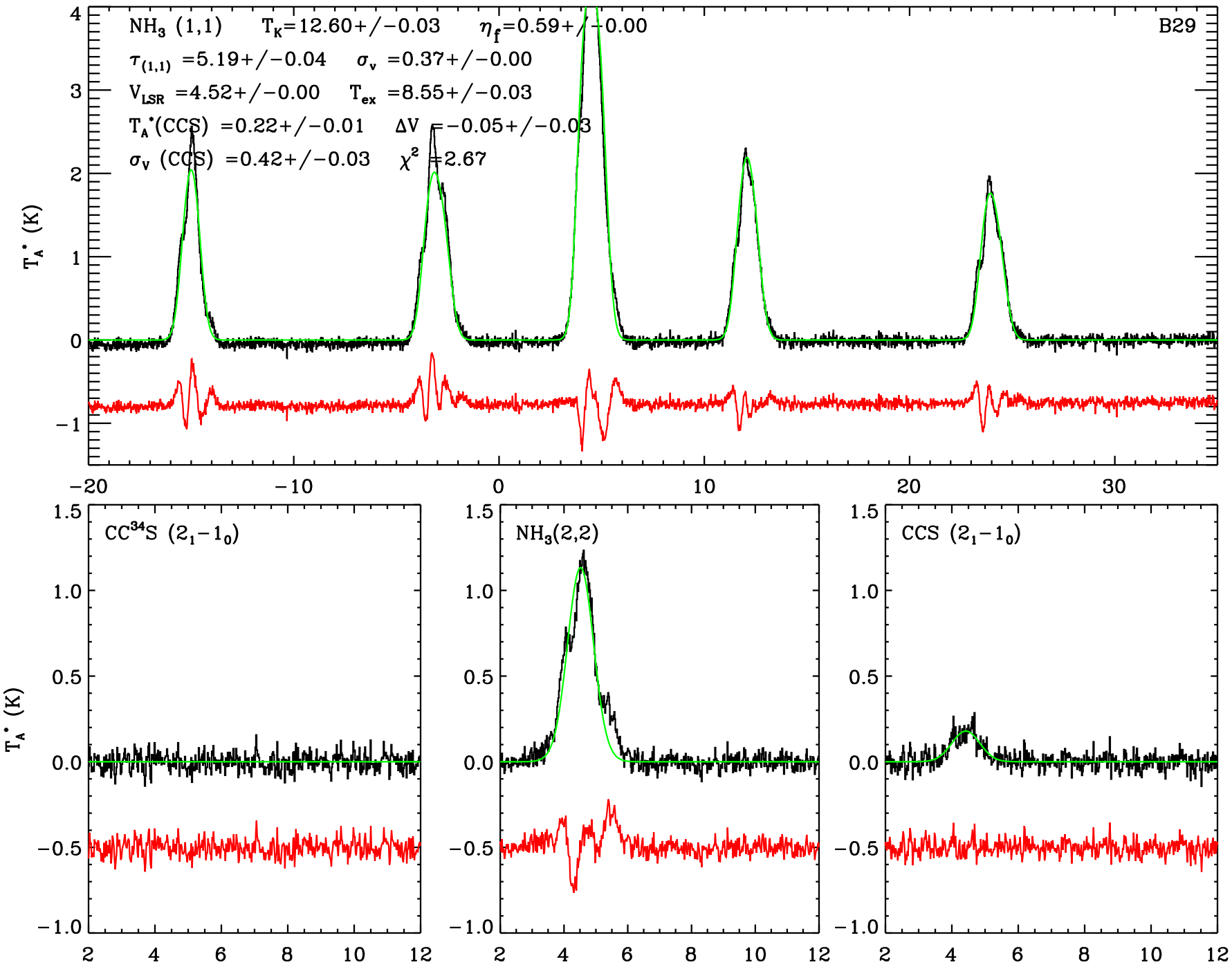

NH3 (1,1) TK=9.13+/−0.03 ηf=0.62+/−0.00
τ(1,1) =14.66+/−0.10 σv =0.15+/−0.00
VLSR =4.51+/−0.00 Tex =6.71+/−0.01
TA*(CCS) =0.30+/−0.01 ΔV =−0.22+/−0.01
σV (CCS) =0.32+/−0.01 χ2 =4.43
B24
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

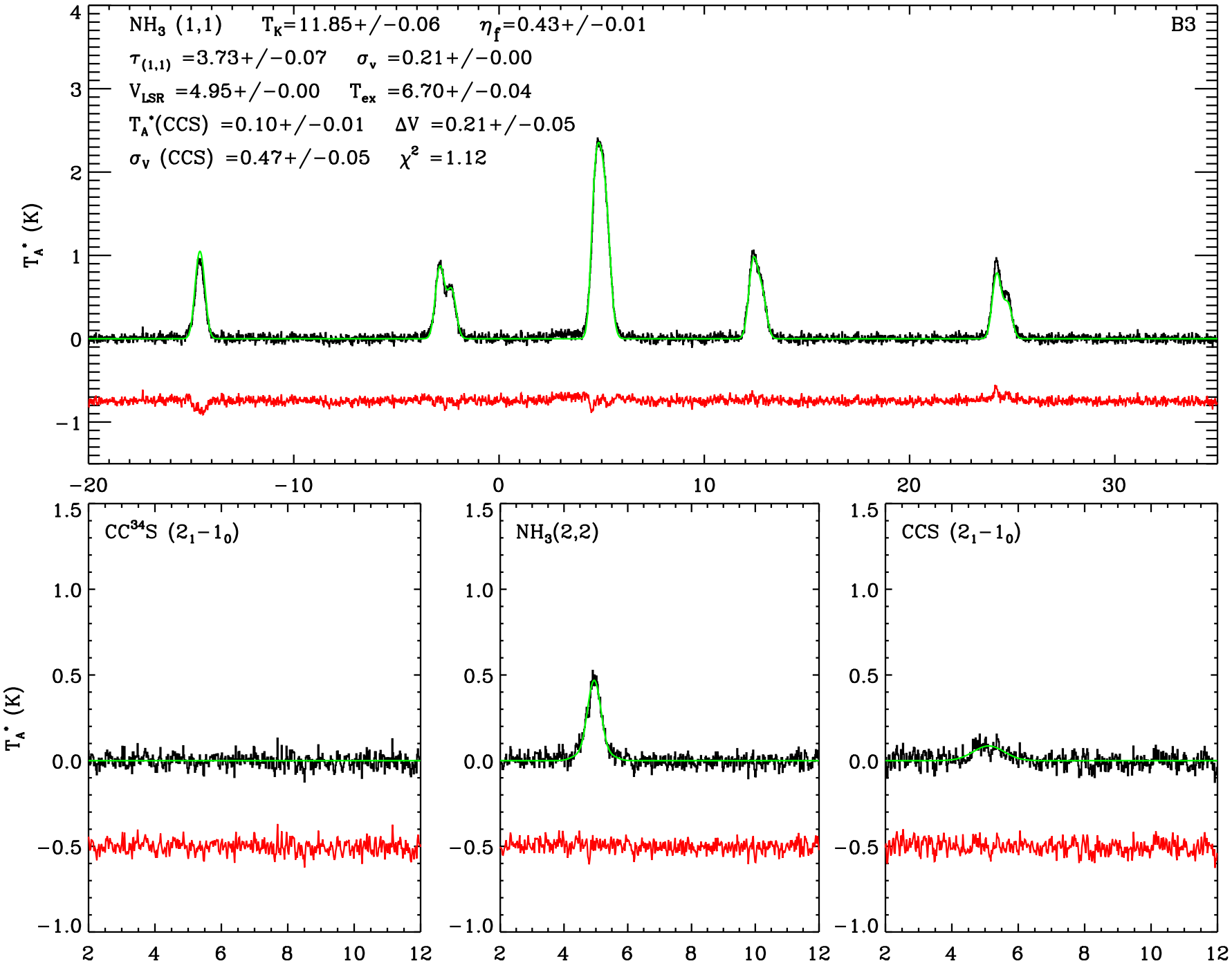

NH3 (1,1) TK=14.05+/−0.06 ηf=0.45+/−0.00
τ(1,1) =3.60+/−0.05 σv =0.39+/−0.00
VLSR =5.07+/−0.00 Tex =7.83+/−0.05
TA*(CCS) =0.46+/−0.02 ΔV =−0.42+/−0.01
σV (CCS) =0.24+/−0.01 χ2 =1.62
B25
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

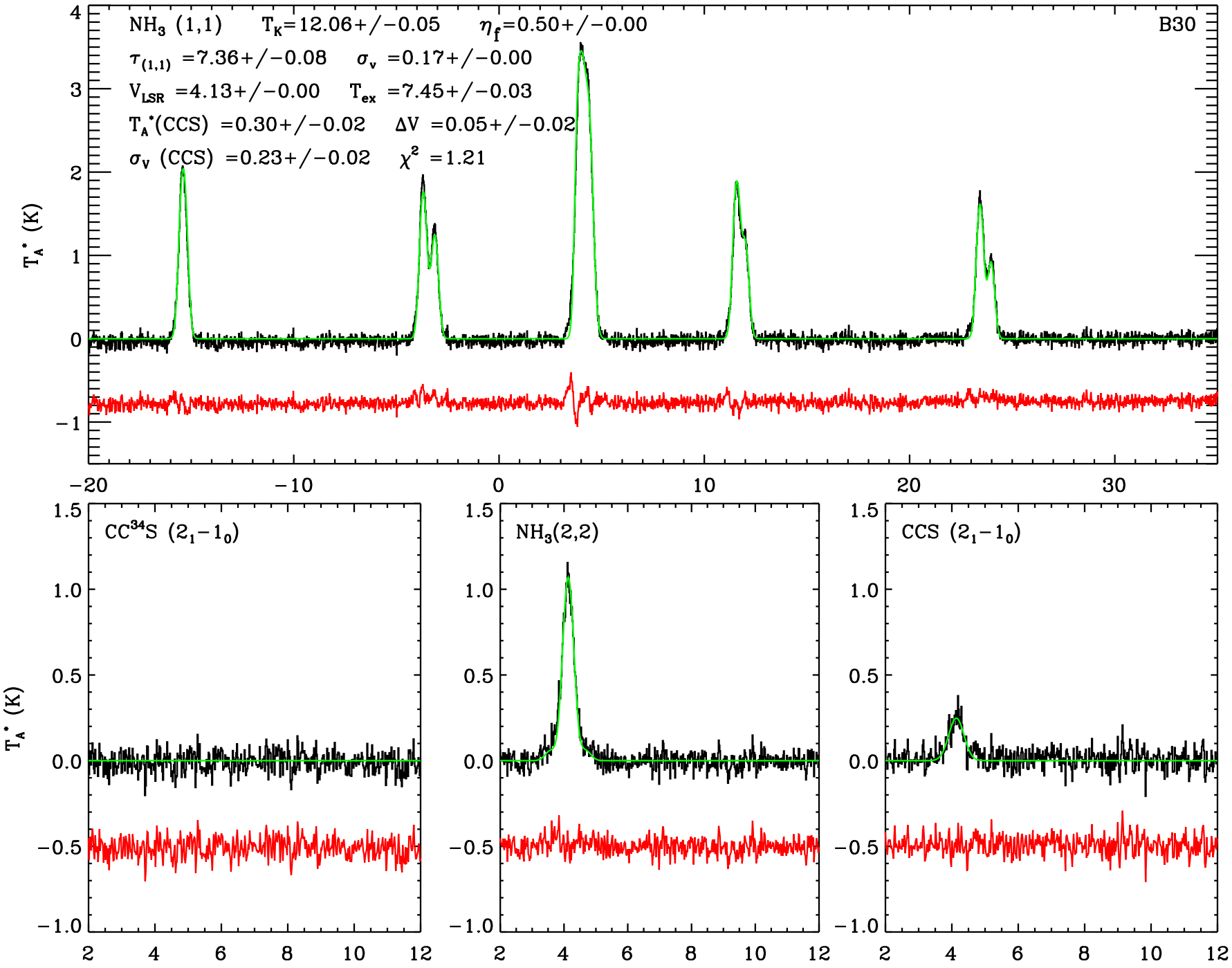

NH3 (1,1) TK=12.07+/−0.94
B26
Tex τ(1,1) =0.59+/−0.02 σv =0.39+/−0.02
VLSR =5.84+/−0.02
TA*(CCS) =0.38+/−0.02 ΔV =−0.14+/−0.02
σV (CCS) =0.10+/−0.01 χ2 =0.96
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

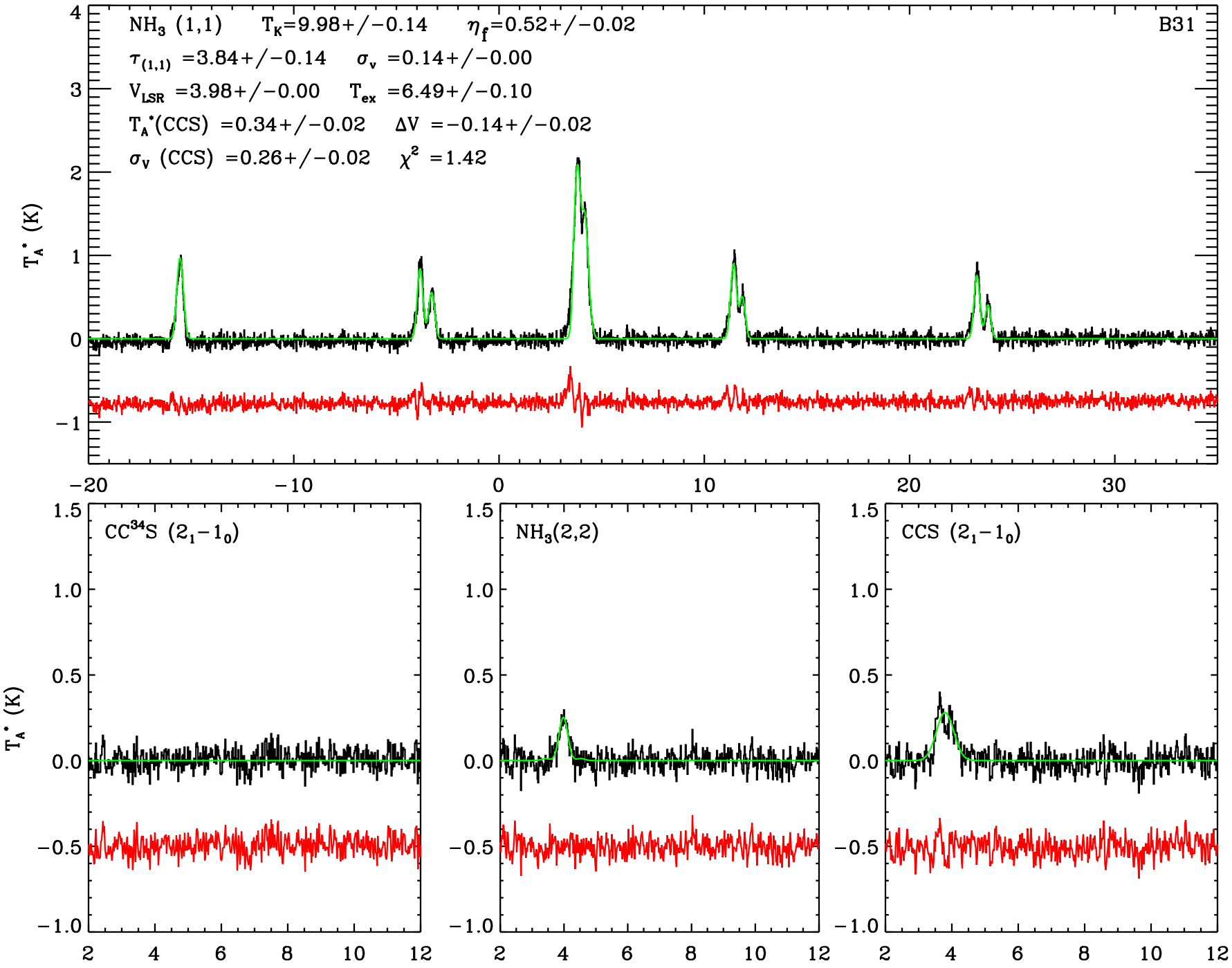

NH3 (1,1) TK=11.19+/−0.10 ηf=0.46+/−0.01
τ(1,1) =3.69+/−0.10 σv =0.19+/−0.00
VLSR =4.65+/−0.00 Tex =6.61+/−0.07
TA*(CCS) =0.25+/−0.02 ΔV =−0.06+/−0.02
σV (CCS) =0.29+/−0.02 χ2 =1.05
B27
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

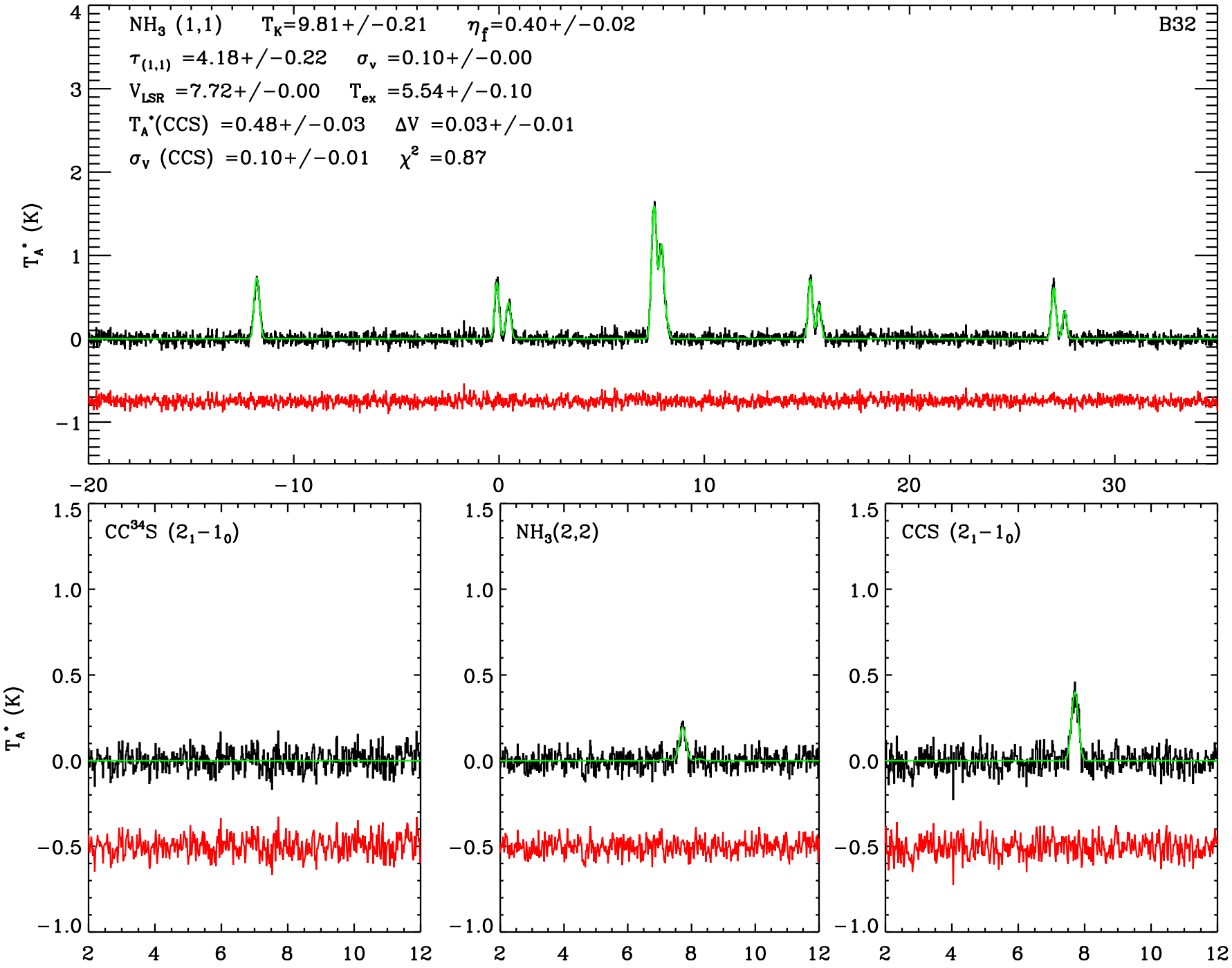

NH3 (1,1) TK=11.44+/−0.04 ηf=0.52+/−0.00
τ(1,1) =5.97+/−0.06 σv =0.18+/−0.00
VLSR =6.99+/−0.00 Tex =7.26+/−0.02
TA*(CCS) =0.09+/−0.01 ΔV =−0.07+/−0.04
σV (CCS) =0.24+/−0.04 χ2 =1.57
B28
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

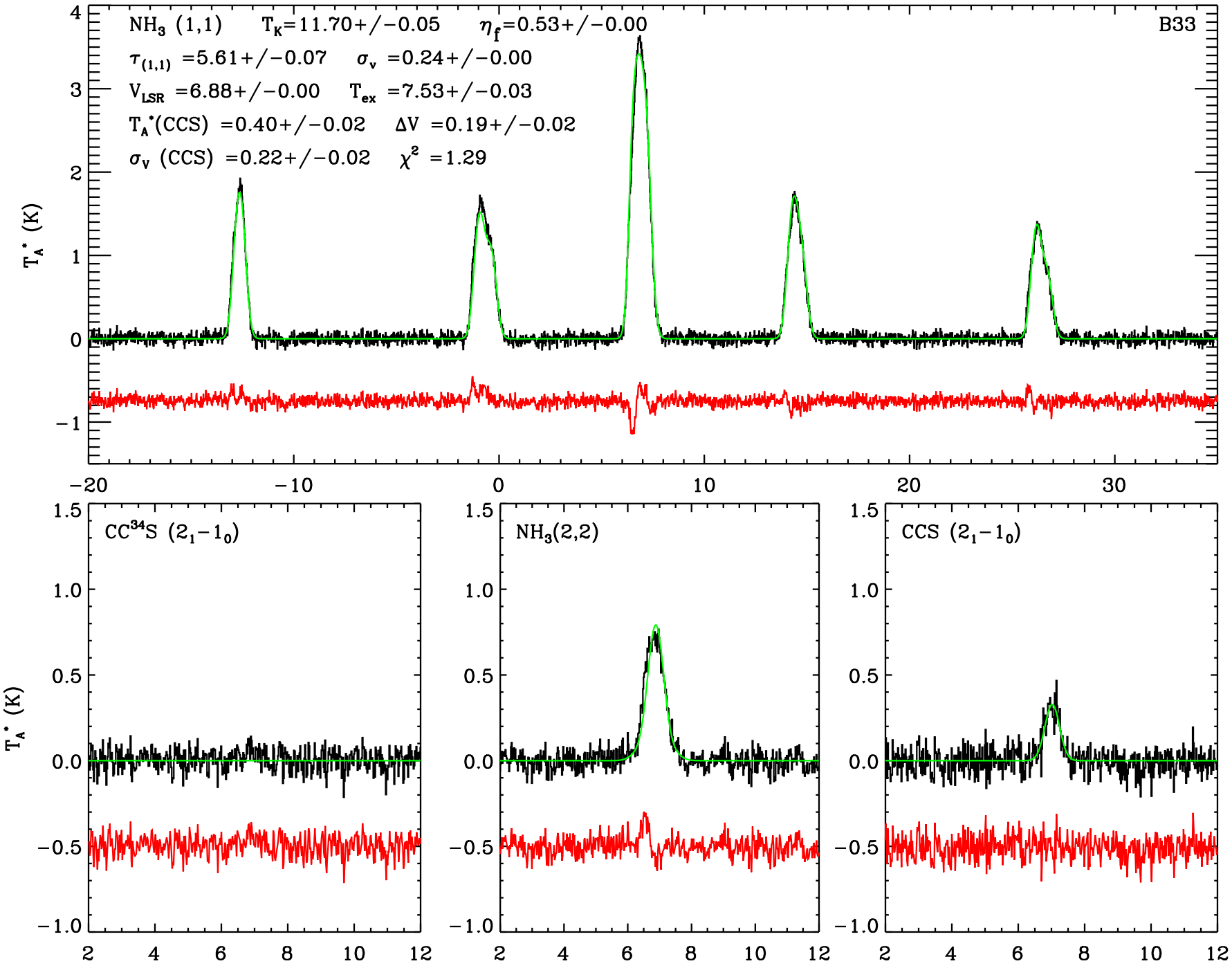

NH3 (1,1) TK=12.60+/−0.03 ηf=0.59+/−0.00
τ(1,1) =5.19+/−0.04 σv =0.37+/−0.00
VLSR =4.52+/−0.00 Tex =8.55+/−0.03
TA*(CCS) =0.22+/−0.01 ΔV =−0.05+/−0.03
σv (CCS) =0.42+/−0.03 χ2 =2.67
B29
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

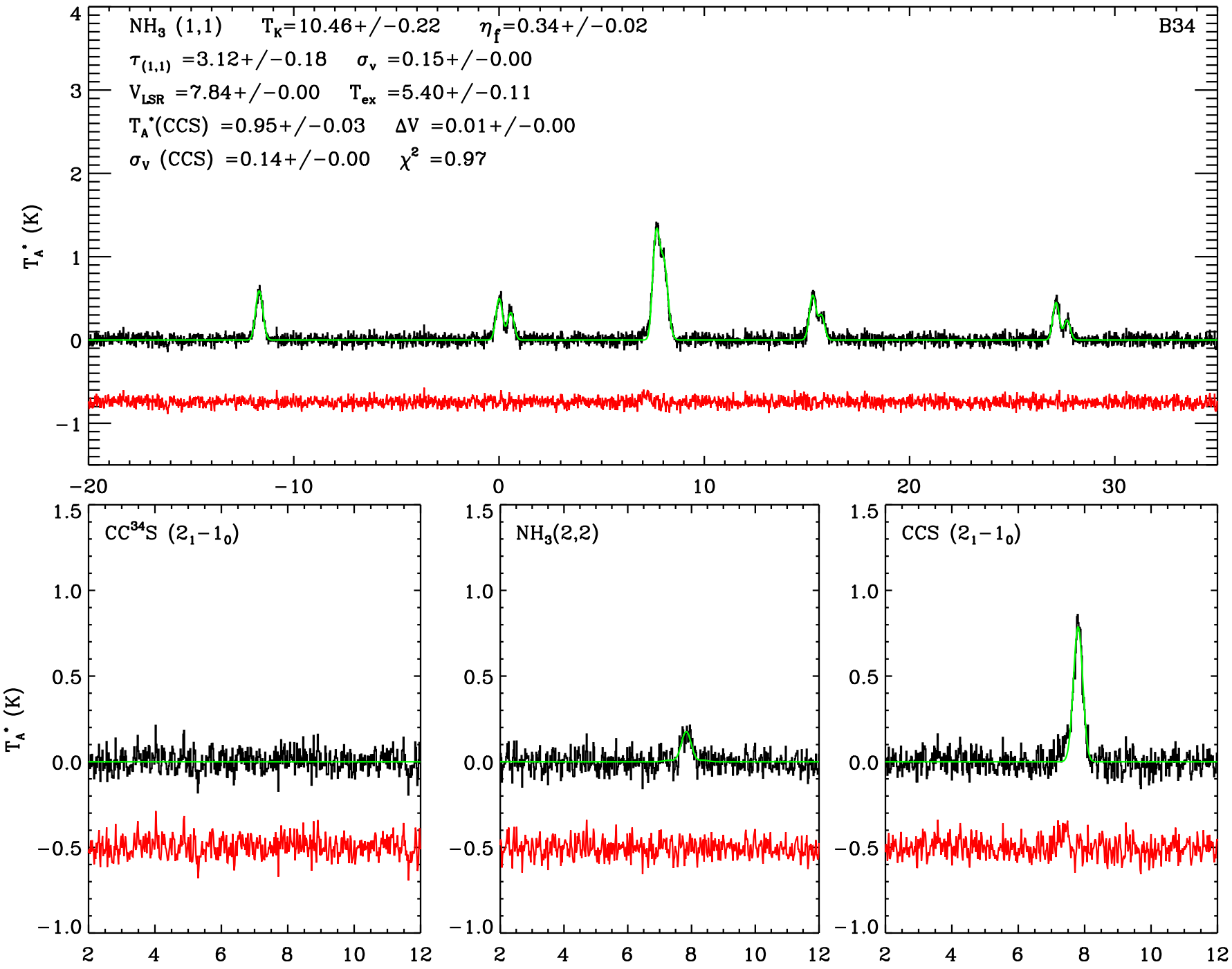

NH3 (1,1) TK=11.85+/−0.06 ηf=0.43+/−0.01
τ(1,1) =3.73+/−0.07 σv =0.21+/−0.00
VLSR =4.95+/−0.00 Tex =6.70+/−0.04
TA*(CCS) =0.10+/−0.01 ΔV =0.21+/−0.05
σV (CCS) =0.47+/−0.05 χ2 =1.12
B3
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

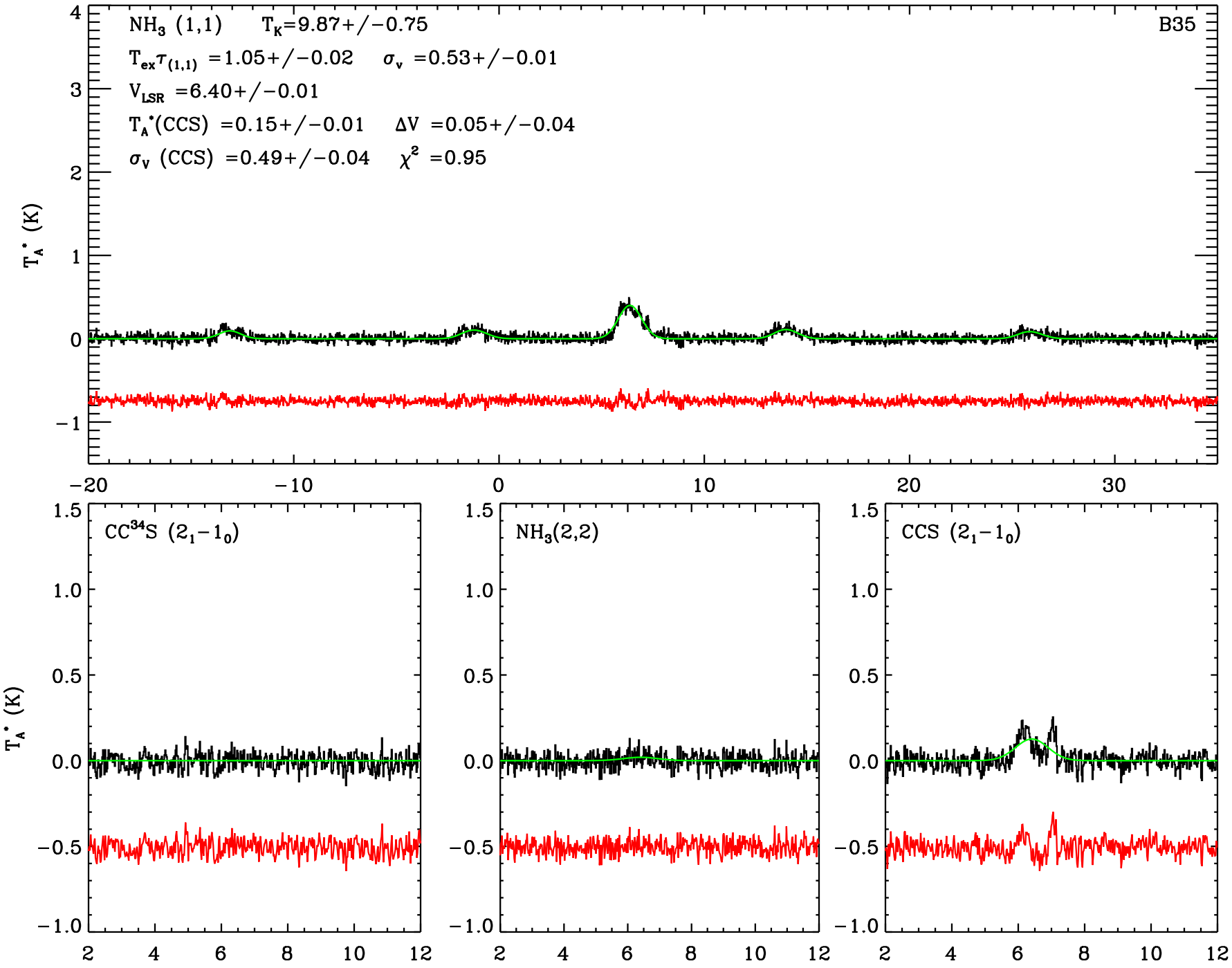

NH3 (1,1) TK=12.06+/−0.05 ηf=0.50+/−0.00
τ(1,1) =7.36+/−0.08 σv =0.17+/−0.00
VLSR =4.13+/−0.00 Tex =7.45+/−0.03
TA*(CCS) =0.30+/−0.02 ΔV =0.05+/−0.02
σV (CCS) =0.23+/−0.02 χ2 =1.21
B30
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

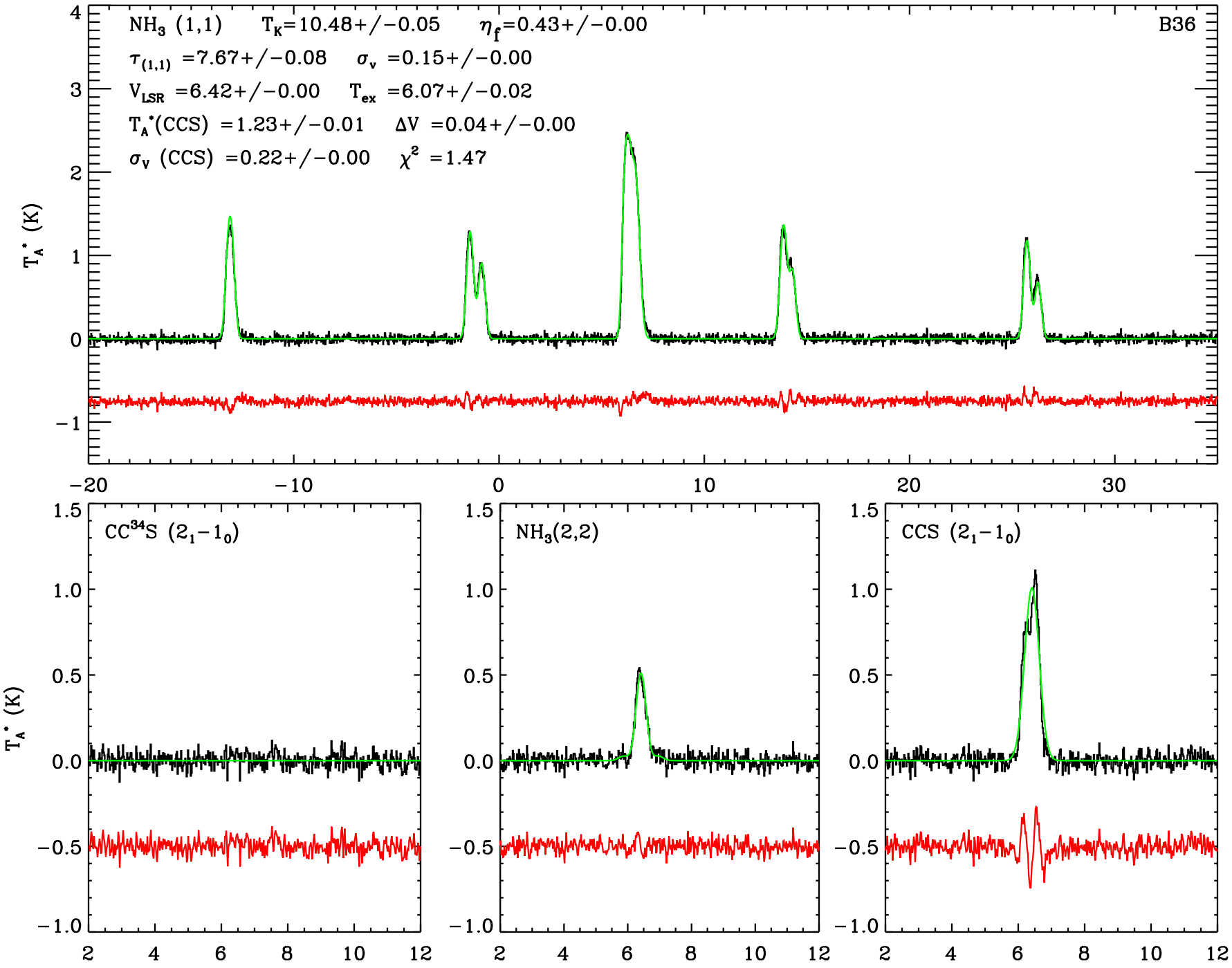

NH3 (1,1) TK=9.98+/−0.14 ηf=0.52+/−0.02
τ(1,1) =3.84+/−0.14 σv =0.14+/−0.00
VLSR =3.98+/−0.00 Tex =6.49+/−0.10
TA*(CCS) =0.34+/−0.02 ΔV =−0.14+/−0.02
σV (CCS) =0.26+/−0.02 χ2 =1.42
B31
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

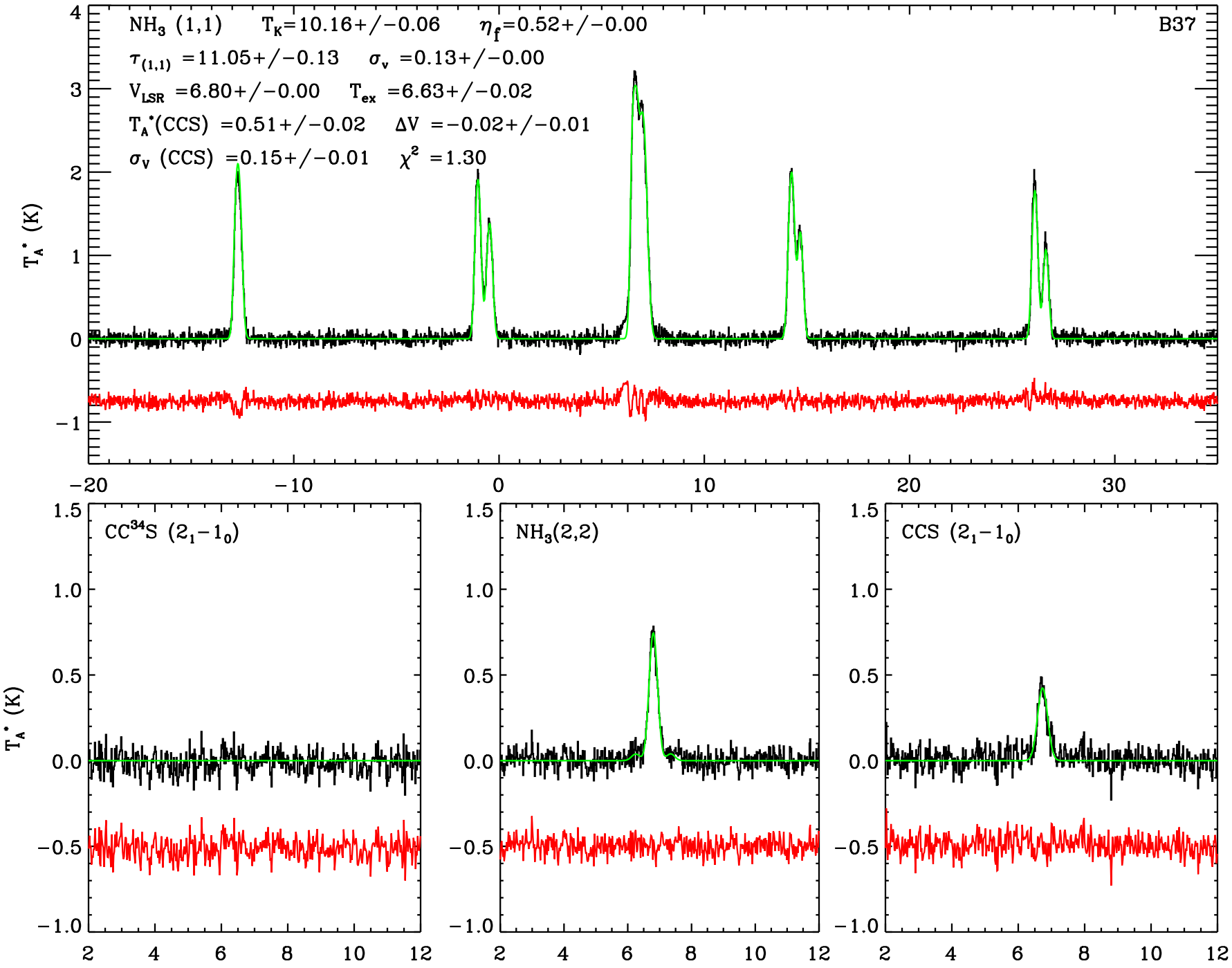

NH3 (1,1) TK=9.81+/−0.21 ηf=0.40+/−0.02
τ(1,1) =4.18+/−0.22 σv =0.10+/−0.00
VLSR =7.72+/−0.00 Tex =5.54+/−0.10
TA*(CCS) =0.48+/−0.03 ΔV =0.03+/−0.01
σV (CCS) =0.10+/−0.01 χ2 =0.87
B32
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

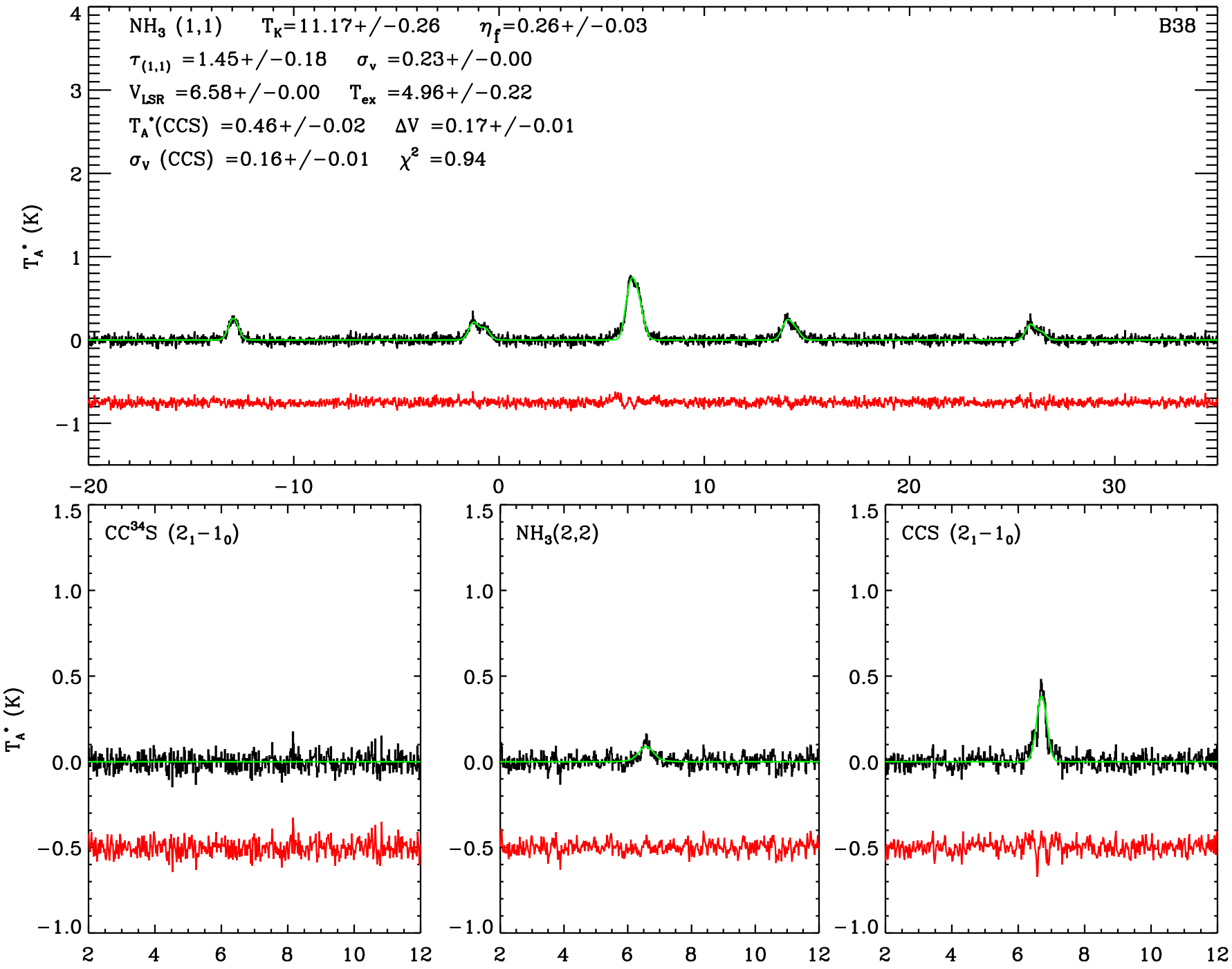

NH3 (1,1) TK=11.70+/−0.05 ηf=0.53+/−0.00
τ(1,1) =5.61+/−0.07 σv =0.24+/−0.00
VLSR =6.88+/−0.00 Tex =7.53+/−0.03
TA*(CCS) =0.40+/−0.02 ΔV =0.19+/−0.02
σV (CCS) =0.22+/−0.02 χ2 =1.29
B33
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

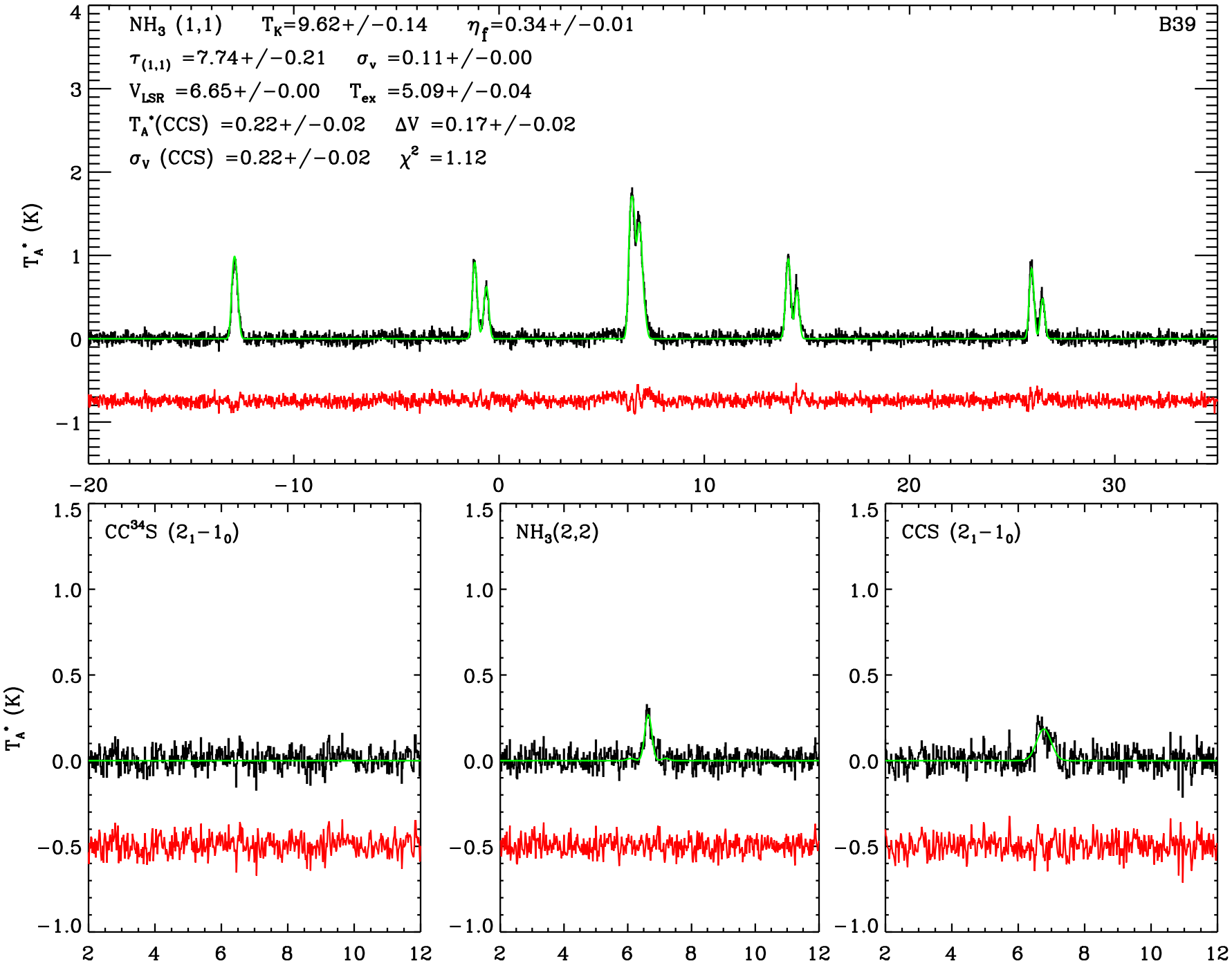

NH3 (1,1) TK=10.46+/−0.22 ηf=0.34+/−0.02
τ(1,1) =3.12+/−0.18 σv =0.15+/−0.00
VLSR =7.84+/−0.00 Tex =5.40+/−0.11
TA*(CCS) =0.95+/−0.03 ΔV =0.01+/−0.00
σV (CCS) =0.14+/−0.00 χ2 =0.97
B34
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

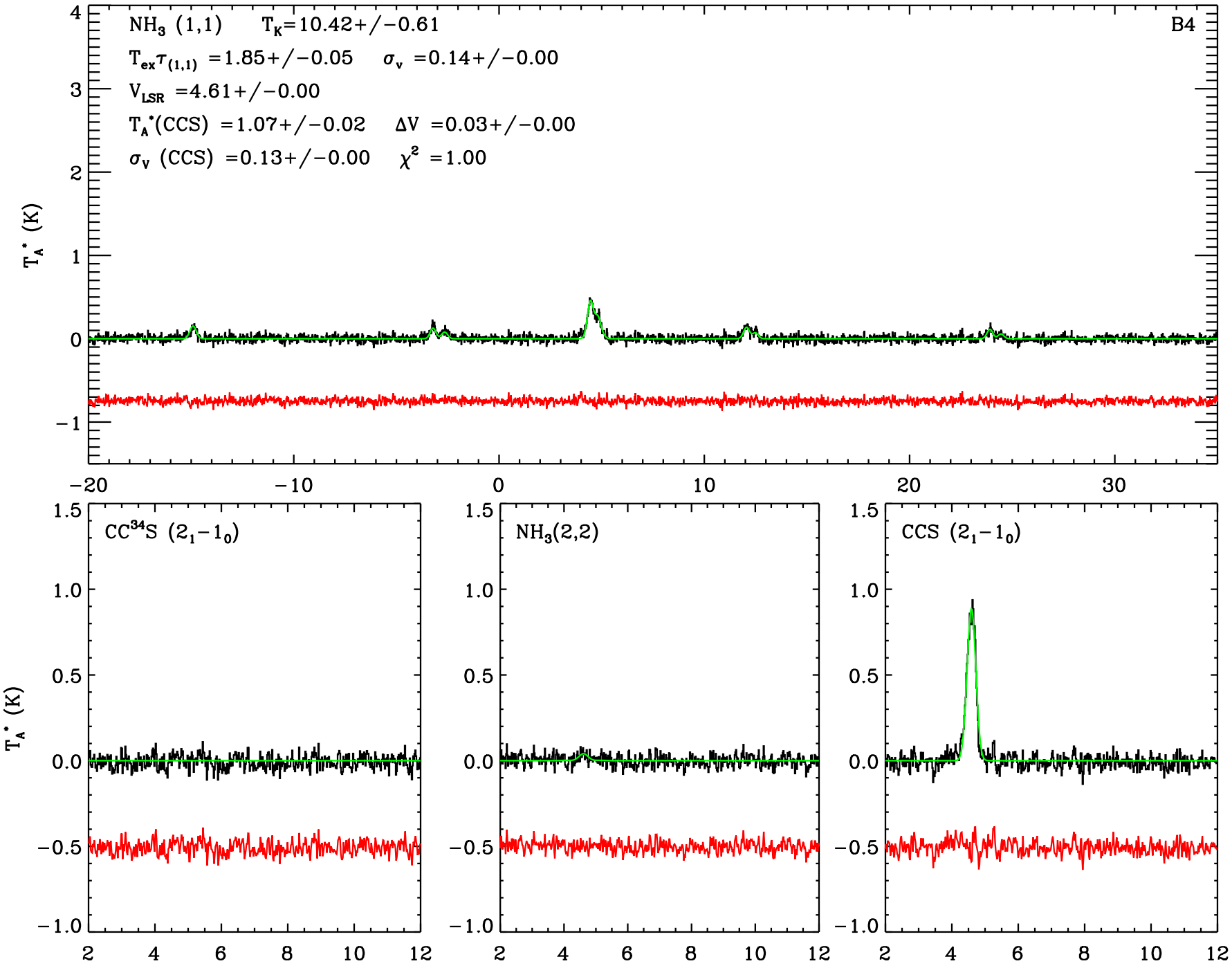

NH3 (1,1) TK=9.87+/−0.75
B35
Tex τ(1,1) =1.05+/−0.02 σv =0.53+/−0.01
VLSR =6.40+/−0.01
TA*(CCS) =0.15+/−0.01 ΔV =0.05+/−0.04
σV (CCS) =0.49+/−0.04 χ2 =0.95
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

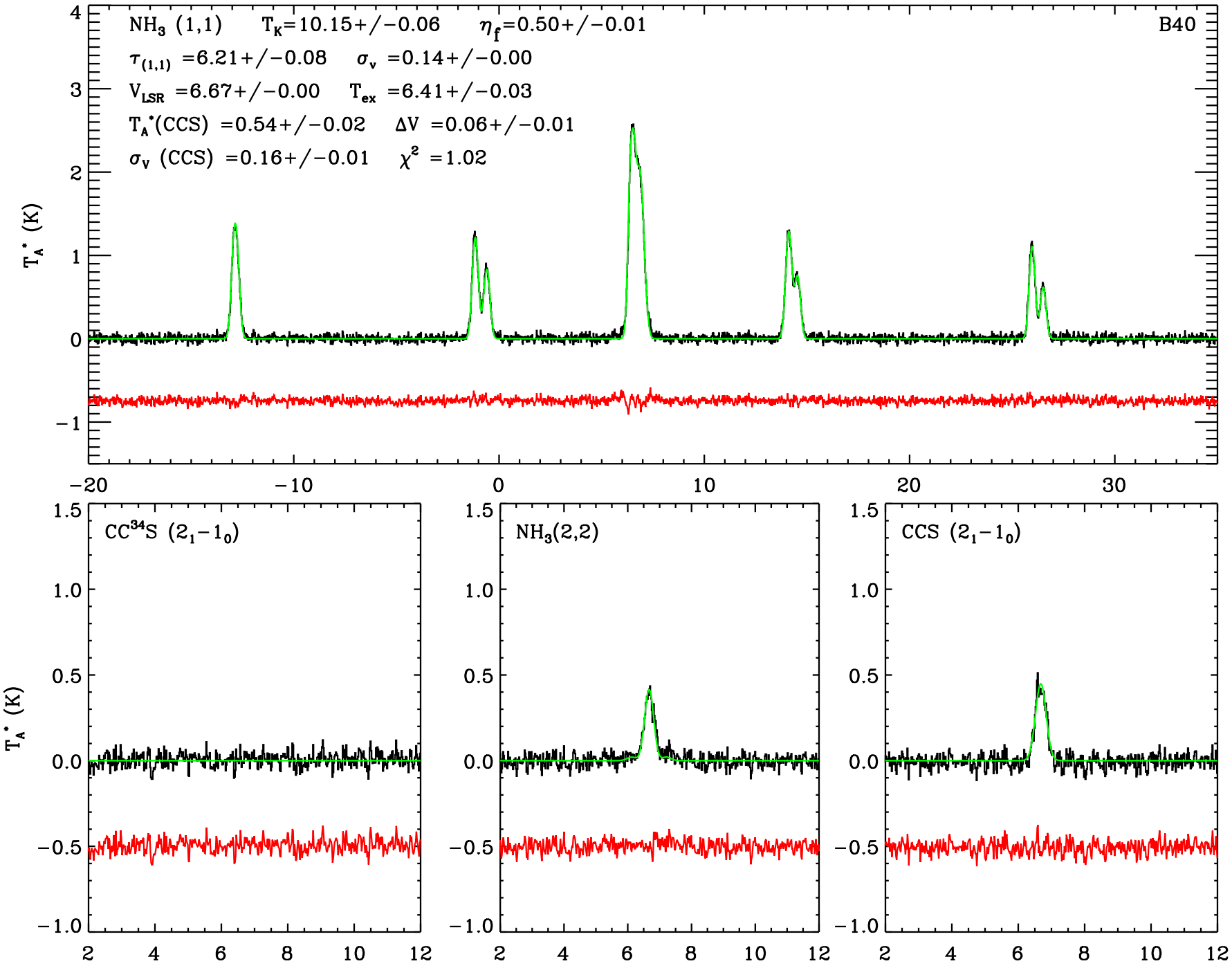

NH3 (1,1) TK=10.48+/−0.05 ηf=0.43+/−0.00
τ(1,1) =7.67+/−0.08 σv =0.15+/−0.00
VLSR =6.42+/−0.00 Tex =6.07+/−0.02
TA*(CCS) =1.23+/−0.01 ΔV =0.04+/−0.00
σV (CCS) =0.22+/−0.00 χ2 =1.47
B36
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

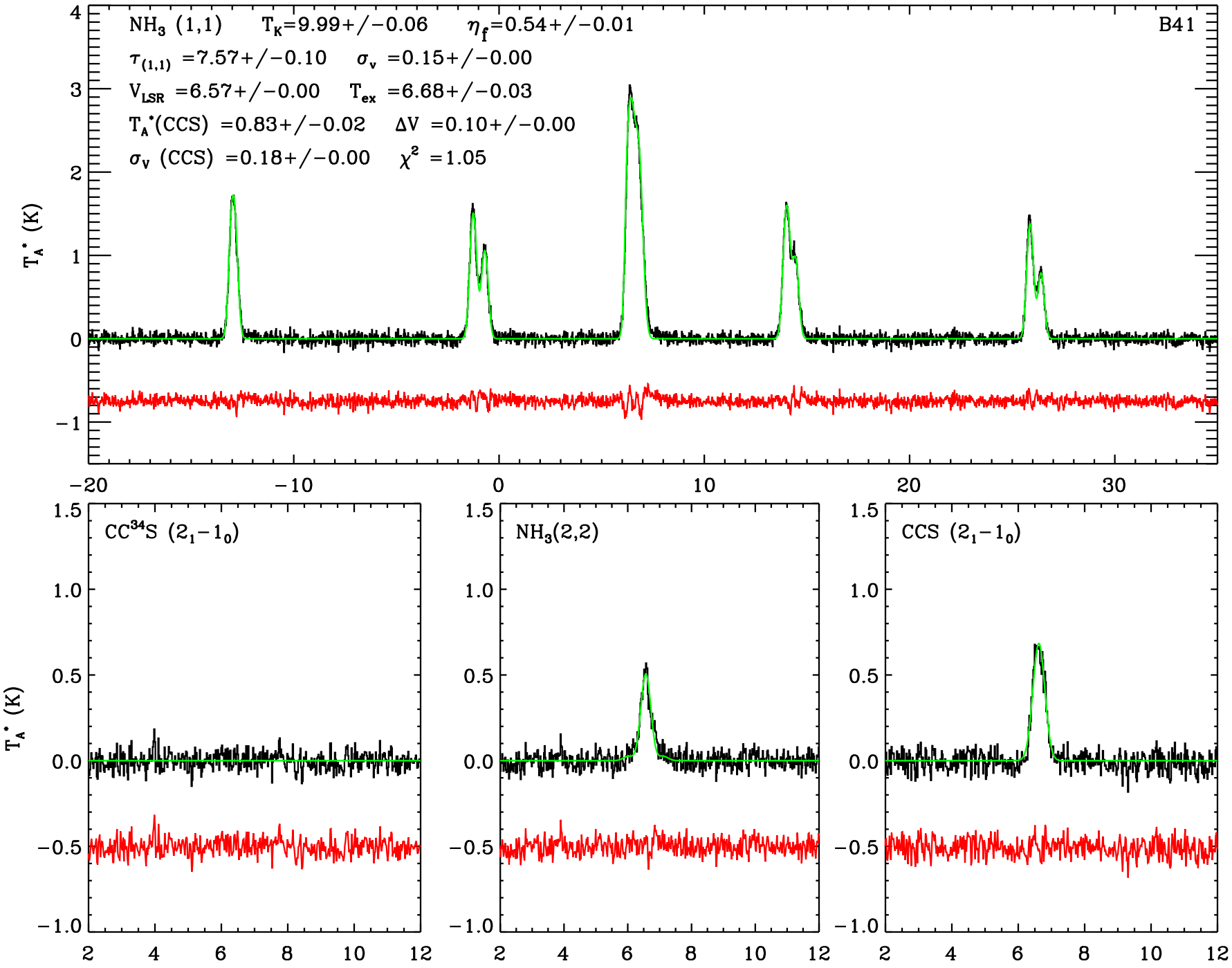

NH3 (1,1) TK=10.16+/−0.06 ηf=0.52+/−0.00
τ(1,1) =11.05+/−0.13 σv =0.13+/−0.00
VLSR =6.80+/−0.00 Tex =6.63+/−0.02
TA*(CCS) =0.51+/−0.02 ΔV =−0.02+/−0.01
σV (CCS) =0.15+/−0.01 χ2 =1.30
B37
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

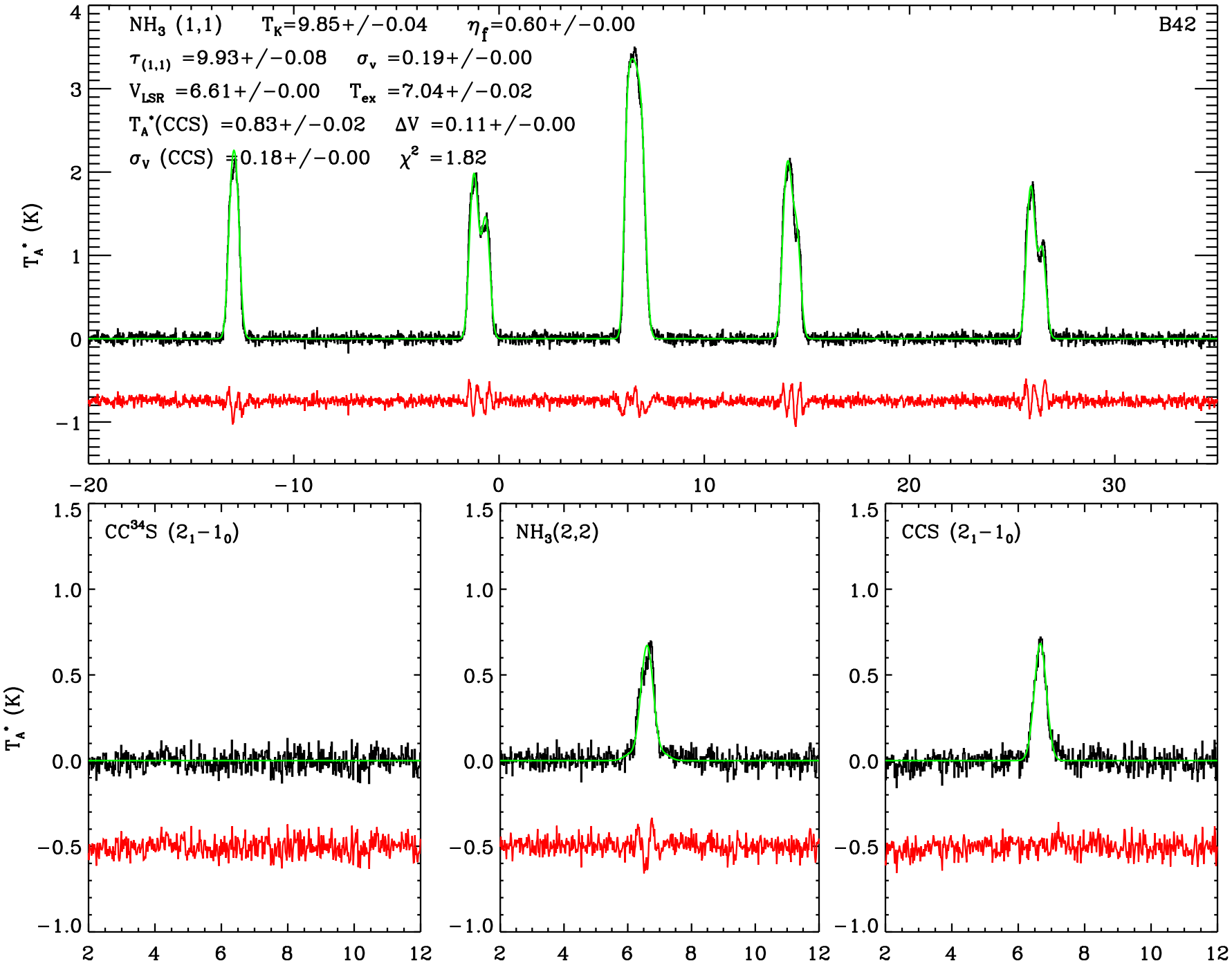

NH3 (1,1) TK=11.17+/−0.26 ηf=0.26+/−0.03
τ(1,1) =1.45+/−0.18 σv =0.23+/−0.00
VLSR =6.58+/−0.00 Tex =4.96+/−0.22
TA*(CCS) =0.46+/−0.02 ΔV =0.17+/−0.01
σV (CCS) =0.16+/−0.01 χ2 =0.94
B38
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

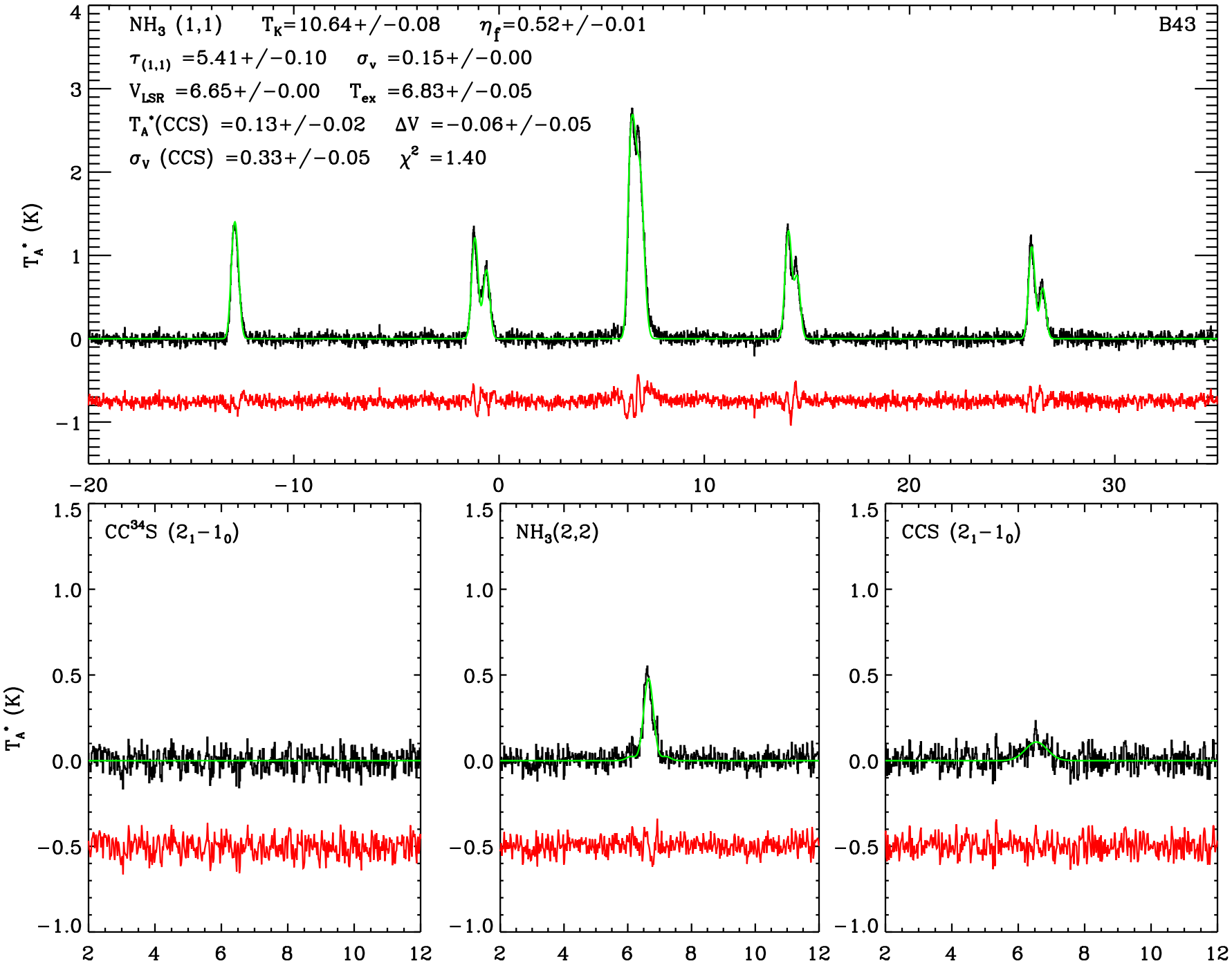

NH3 (1,1) TK=9.62+/−0.14 ηf=0.34+/−0.01
τ(1,1) =7.74+/−0.21 σv =0.11+/−0.00
VLSR =6.65+/−0.00 Tex =5.09+/−0.04
TA*(CCS) =0.22+/−0.02 ΔV =0.17+/−0.02
σV (CCS) =0.22+/−0.02 χ2 =1.12
B39
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

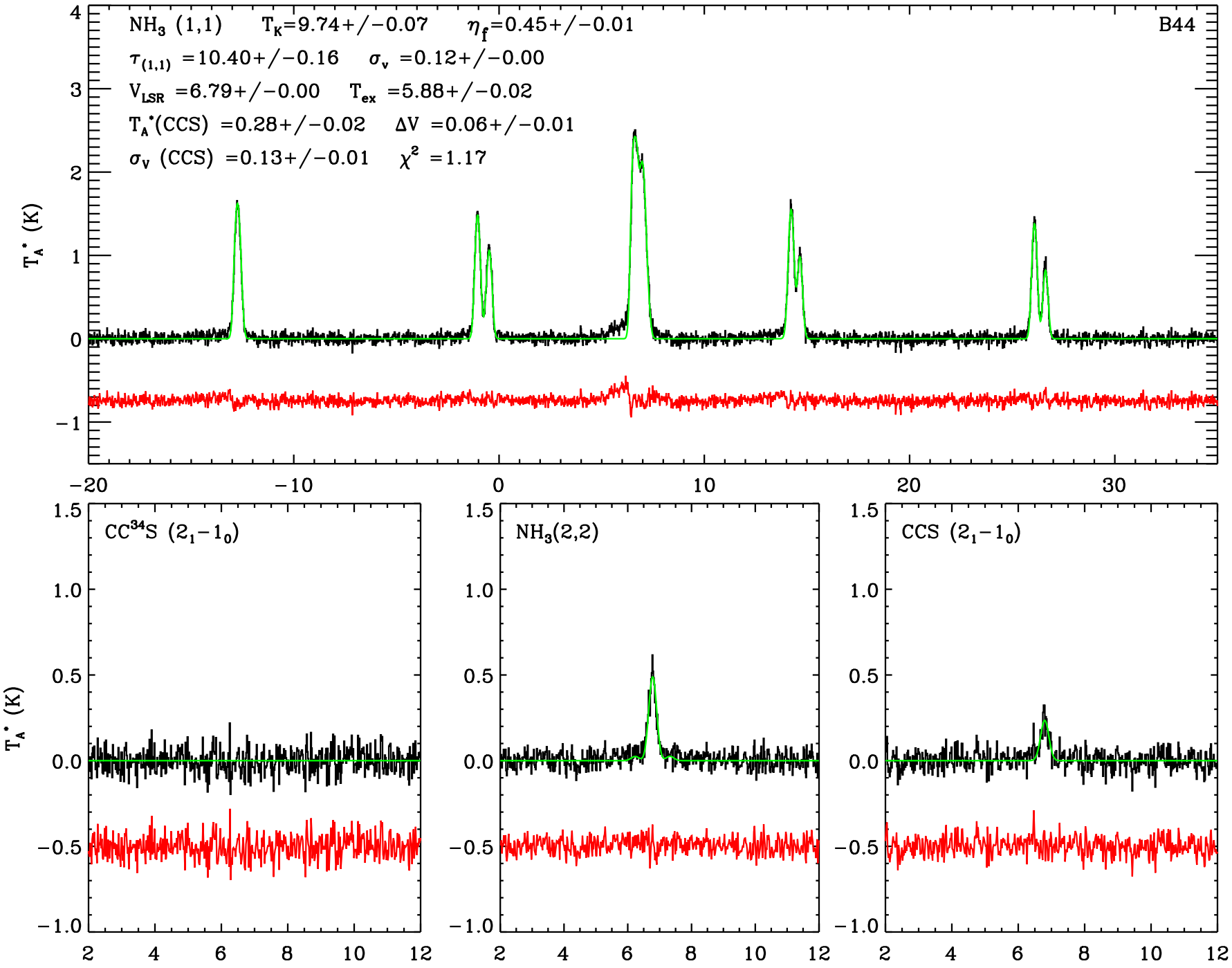

NH3 (1,1) TK=10.42+/−0.61
B4
Tex τ(1,1) =1.85+/−0.05 σv =0.14+/−0.00
VLSR =4.61+/−0.00
TA*(CCS) =1.07+/−0.02 ΔV =0.03+/−0.00
σV (CCS) =0.13+/−0.00 χ2 =1.00
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

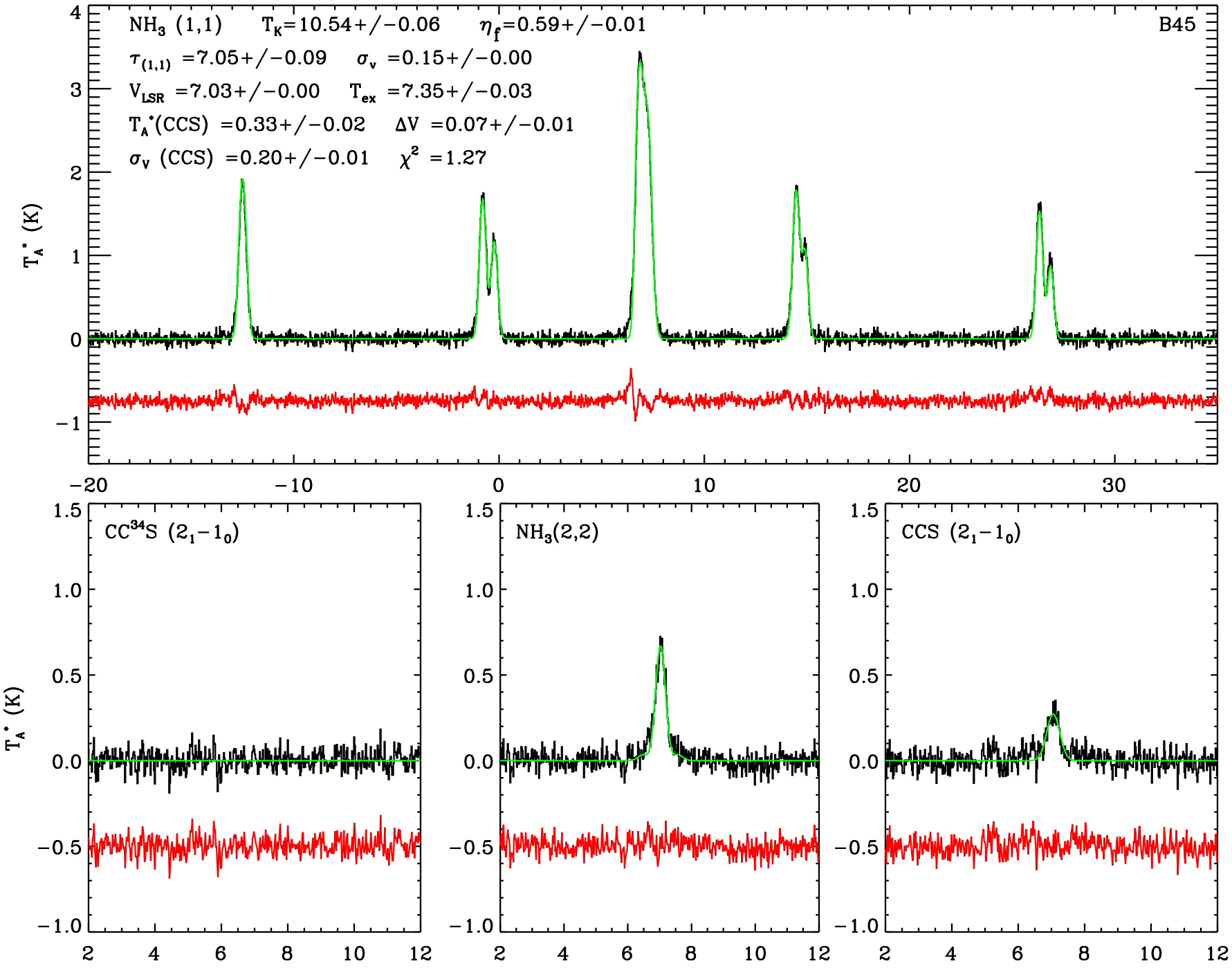

NH3 (1,1) TK=10.15+/−0.06 ηf=0.50+/−0.01
τ(1,1) =6.21+/−0.08 σv =0.14+/−0.00
VLSR =6.67+/−0.00 Tex =6.41+/−0.03
TA*(CCS) =0.54+/−0.02 ΔV =0.06+/−0.01
σV (CCS) =0.16+/−0.01 χ2 =1.02
B40
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

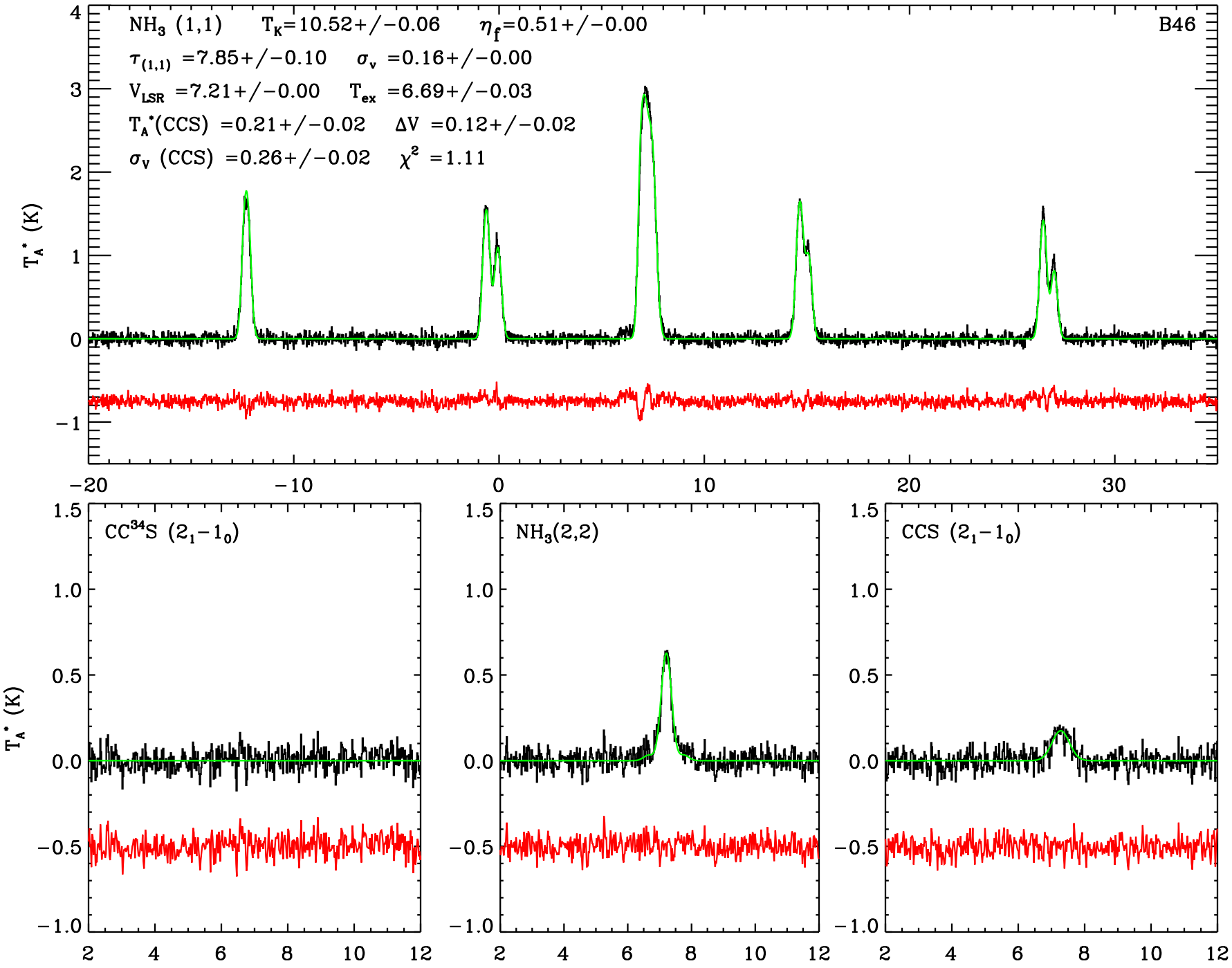

NH3 (1,1) TK=9.99+/−0.06 ηf=0.54+/−0.01
τ(1,1) =7.57+/−0.10 σv =0.15+/−0.00
VLSR =6.57+/−0.00 Tex =6.68+/−0.03
TA*(CCS) =0.83+/−0.02 ΔV =0.10+/−0.00
σV (CCS) =0.18+/−0.00 χ2 =1.05
B41
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

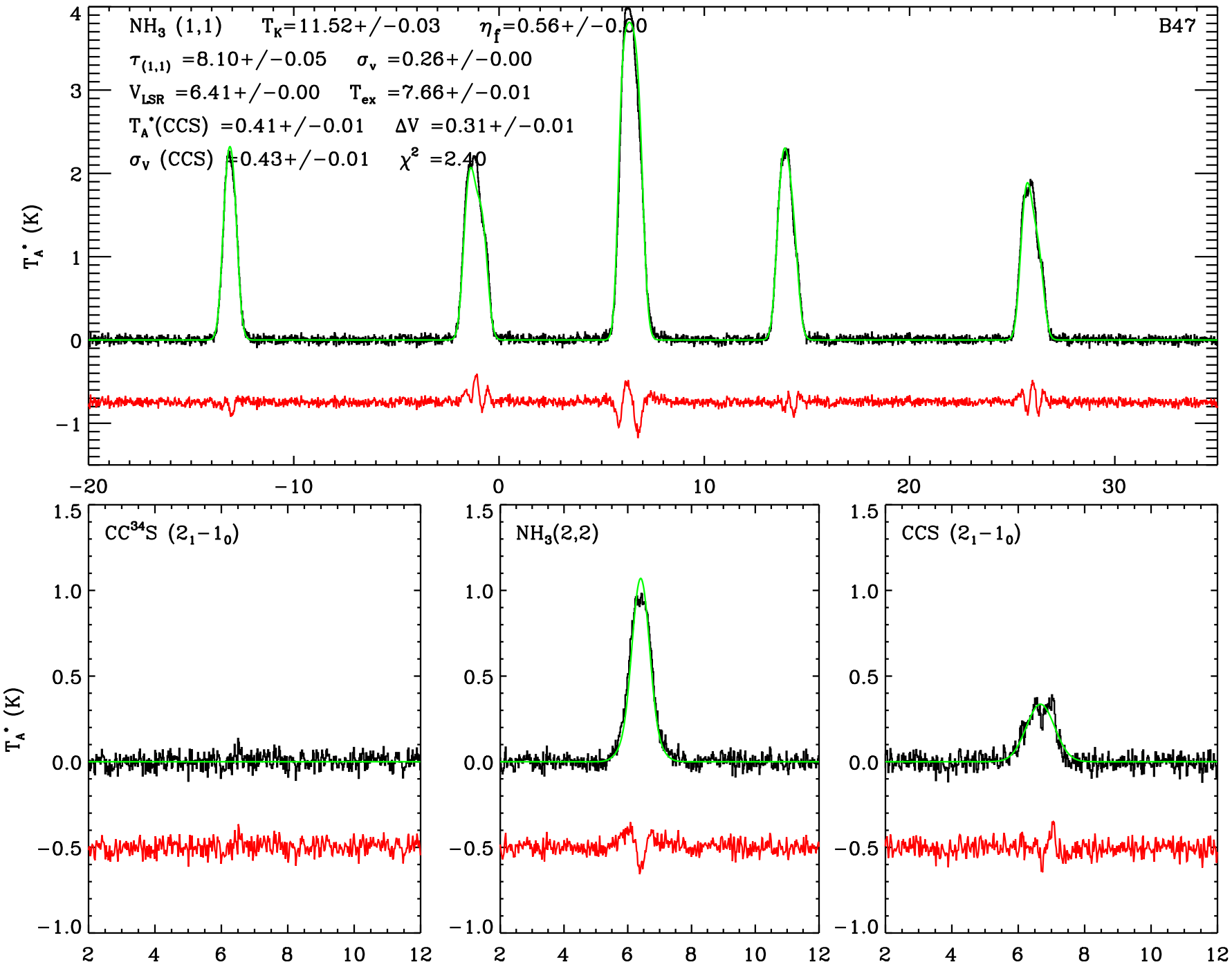

NH3 (1,1) TK=9.85+/−0.04 ηf=0.60+/−0.00
τ(1,1) =9.93+/−0.08 σv =0.19+/−0.00
VLSR =6.61+/−0.00 Tex =7.04+/−0.02
TA*(CCS) =0.83+/−0.02 ΔV =0.11+/−0.00
σV (CCS) =0.18+/−0.00 χ2 =1.82
B42
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

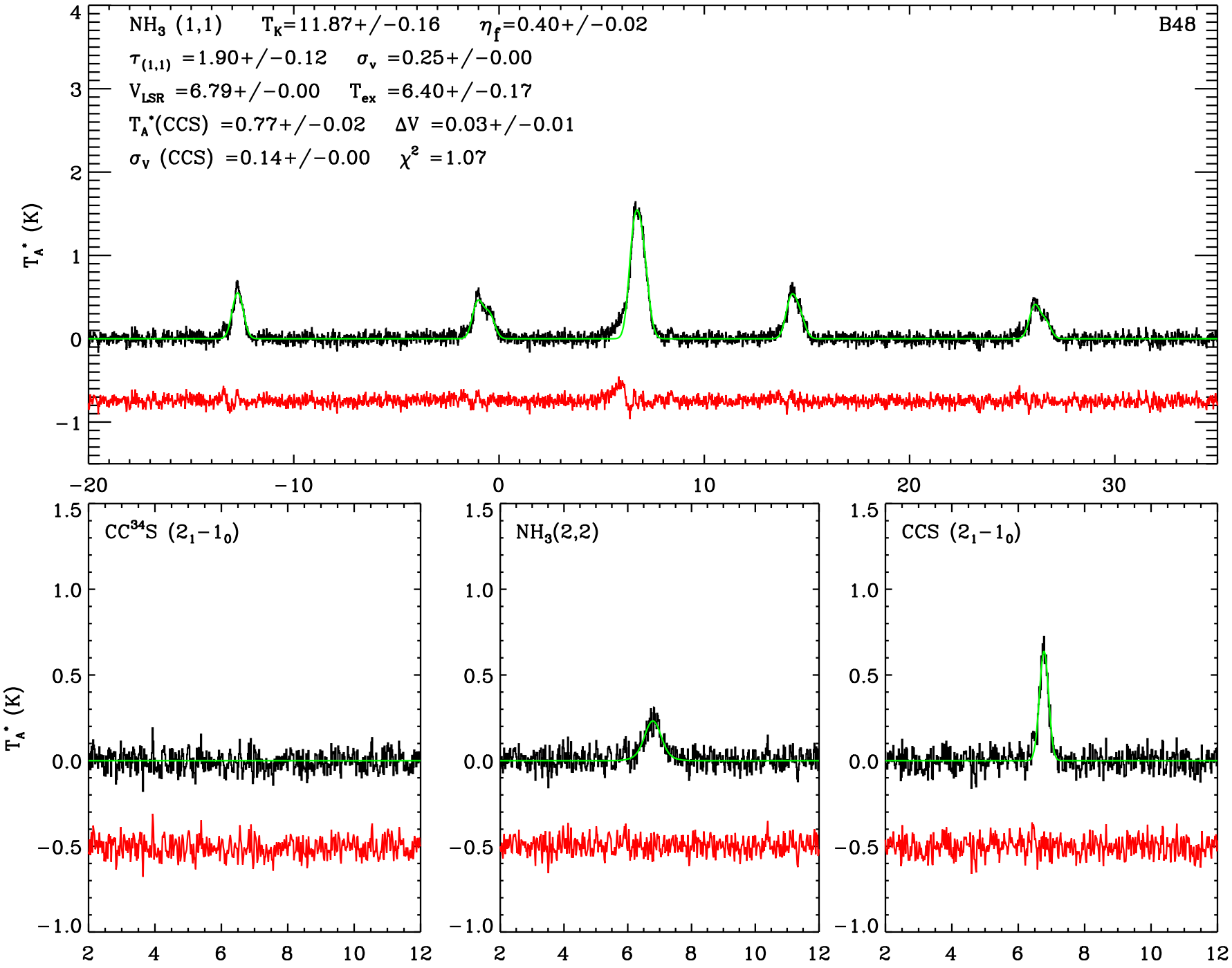

NH3 (1,1) TK=10.64+/−0.08 ηf=0.52+/−0.01
τ(1,1) =5.41+/−0.10 σv =0.15+/−0.00
VLSR =6.65+/−0.00 Tex =6.83+/−0.05
TA*(CCS) =0.13+/−0.02 ΔV =−0.06+/−0.05
σV (CCS) =0.33+/−0.05 χ2 =1.40
B43
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

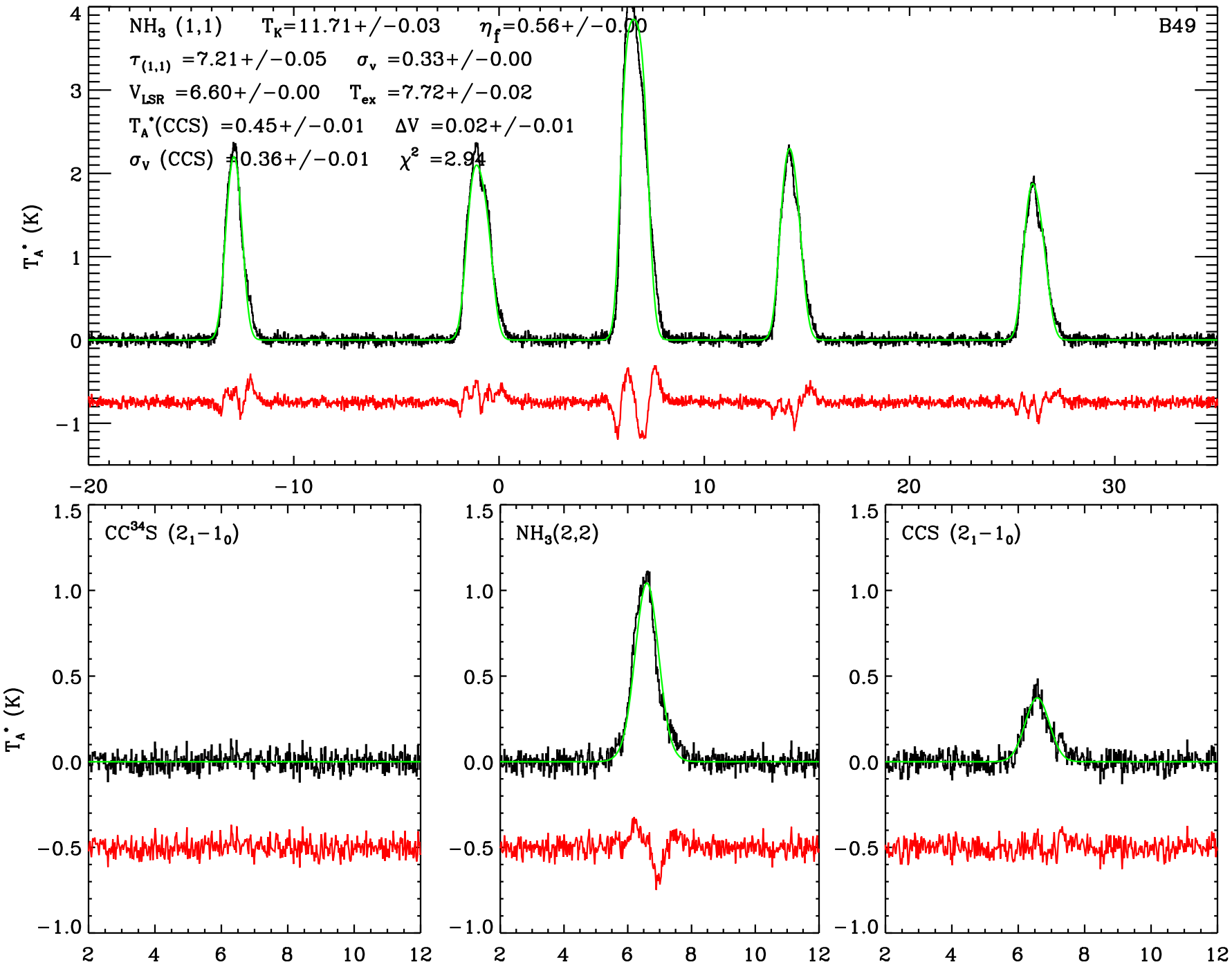

NH3 (1,1) TK=9.74+/−0.07 ηf=0.45+/−0.01
τ(1,1) =10.40+/−0.16 σv =0.12+/−0.00
VLSR =6.79+/−0.00 Tex =5.88+/−0.02
TA*(CCS) =0.28+/−0.02 ΔV =0.06+/−0.01
σV (CCS) =0.13+/−0.01 χ2 =1.17
B44
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

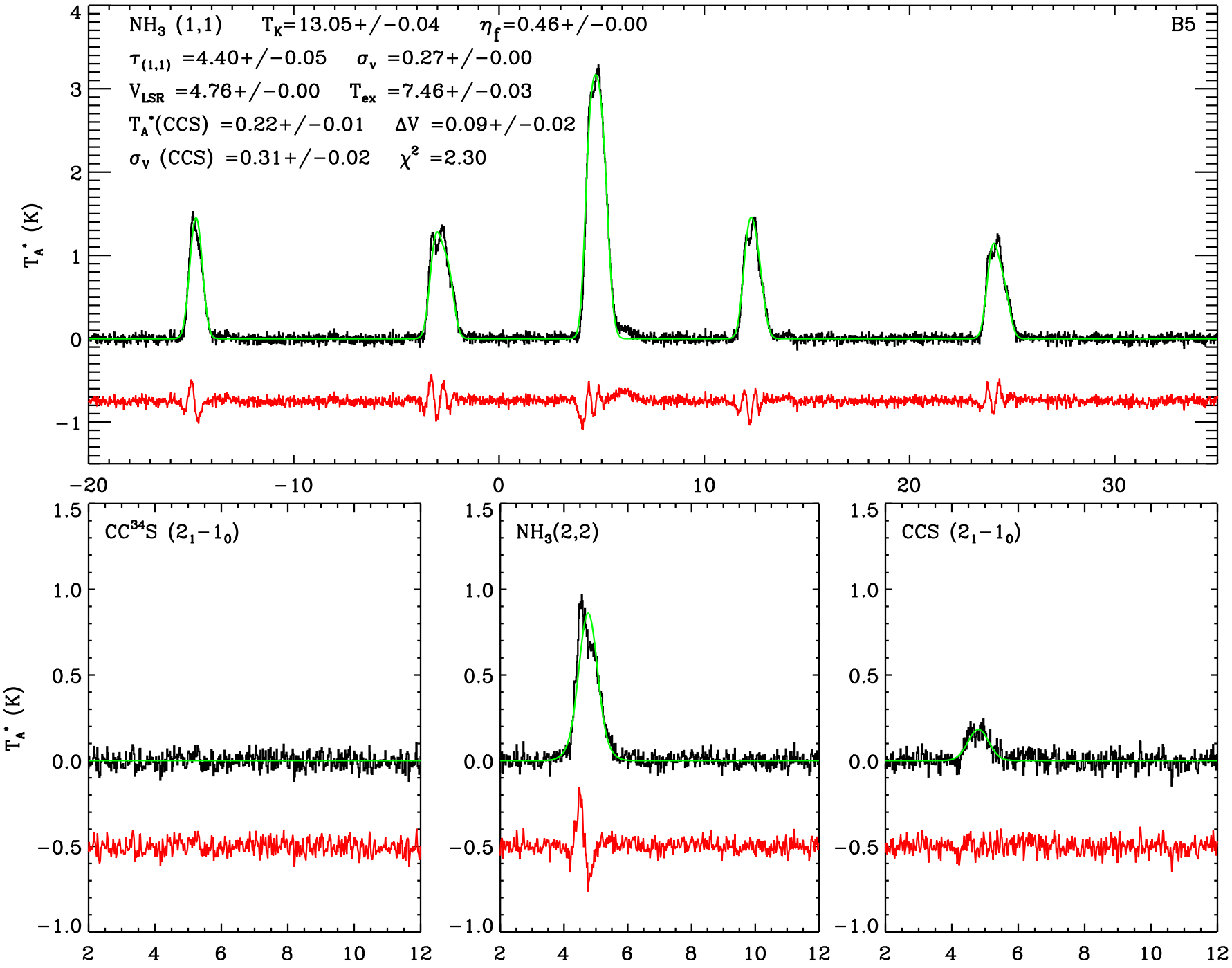

NH3 (1,1) TK=10.54+/−0.06 ηf=0.59+/−0.01
τ(1,1) =7.05+/−0.09 σv =0.15+/−0.00
VLSR =7.03+/−0.00 Tex =7.35+/−0.03
TA*(CCS) =0.33+/−0.02 ΔV =0.07+/−0.01
σV (CCS) =0.20+/−0.01 χ2 =1.27
B45
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

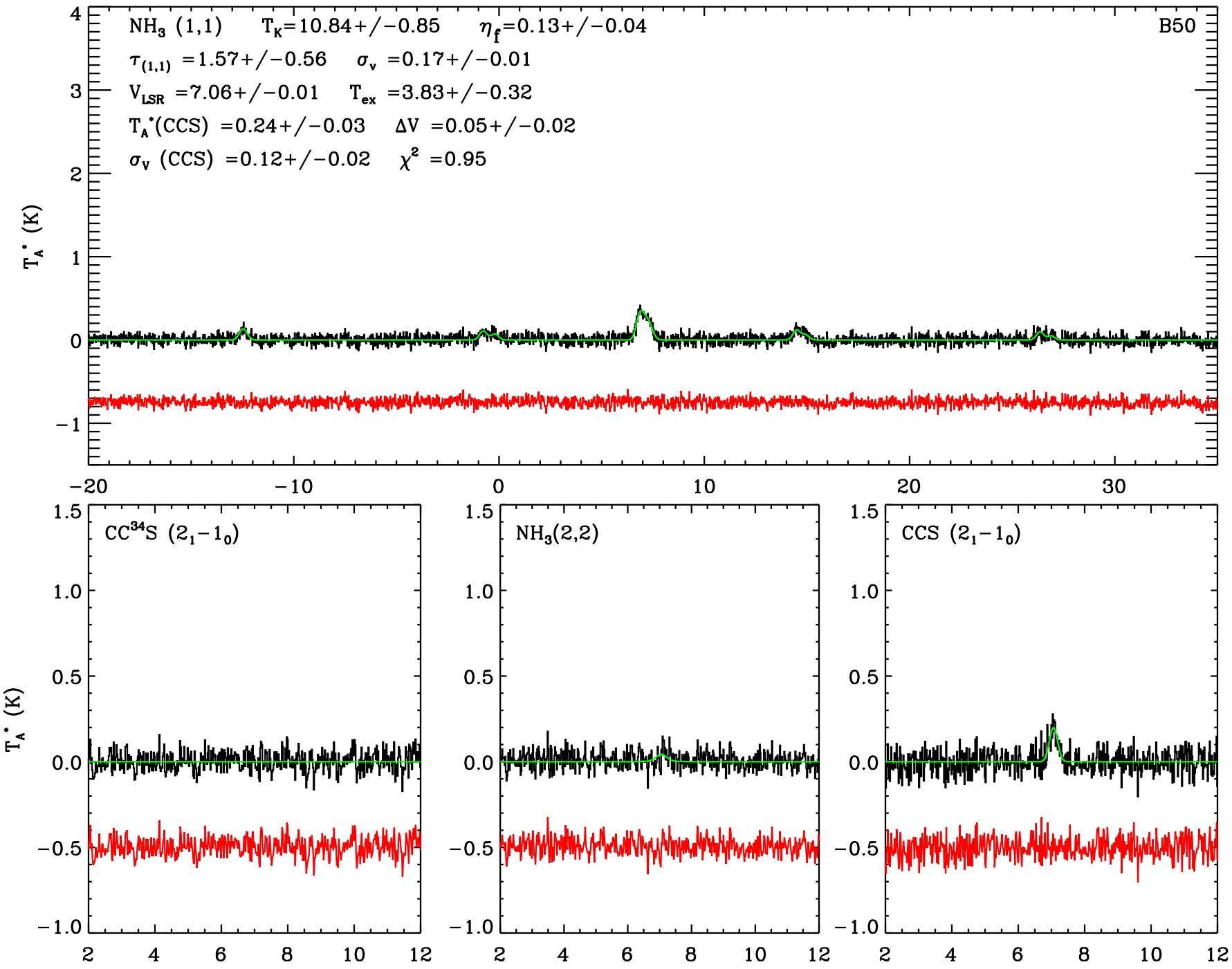

NH3 (1,1) TK=10.52+/−0.06 ηf=0.51+/−0.00
τ(1,1) =7.85+/−0.10 σv =0.16+/−0.00
VLSR =7.21+/−0.00 Tex =6.69+/−0.03
TA*(CCS) =0.21+/−0.02 ΔV =0.12+/−0.02
σV (CCS) =0.26+/−0.02 χ2 =1.11
B46
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

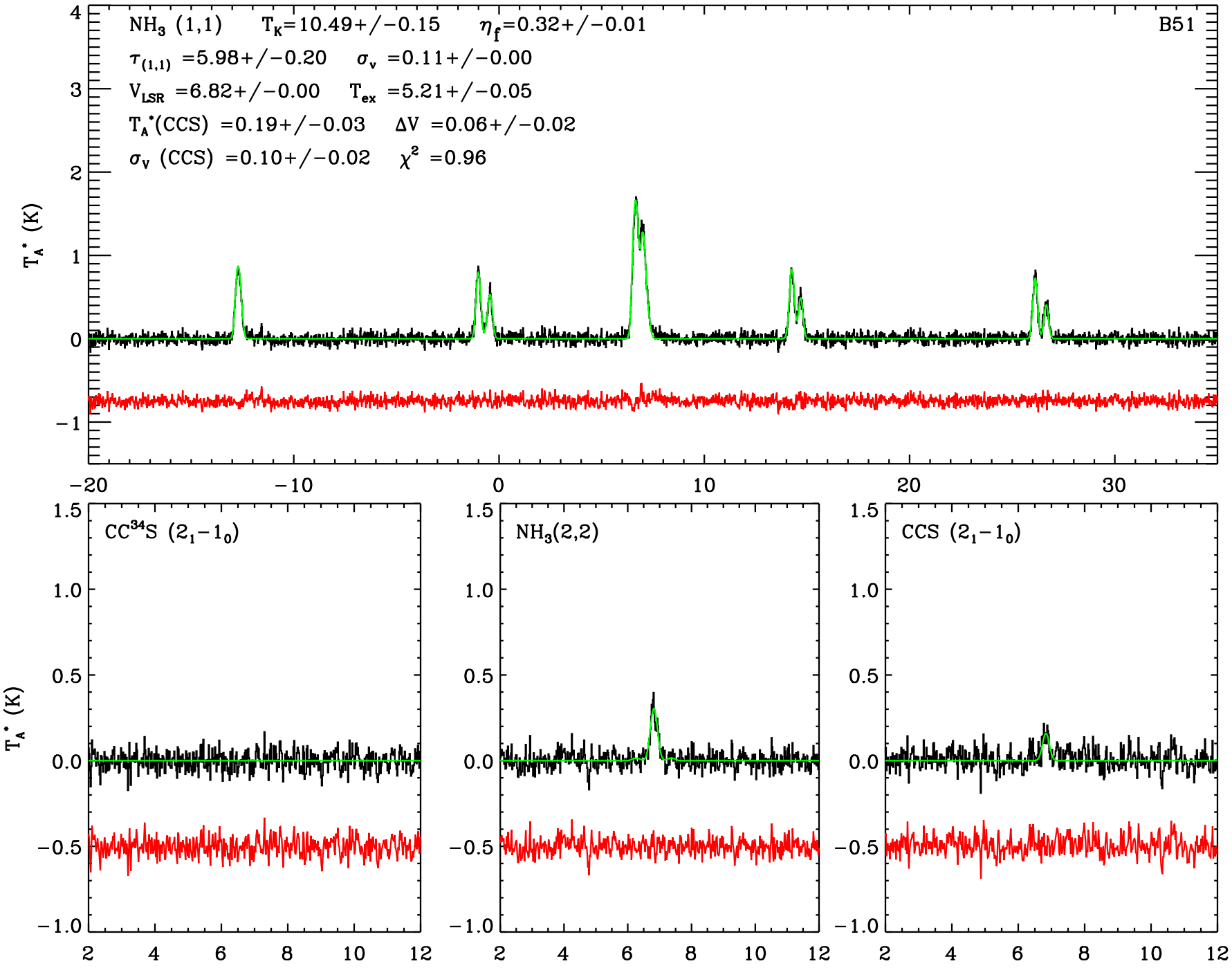

NH3 (1,1) TK=11.52+/−0.03 ηf=0.56+/−0.00
τ(1,1) =8.10+/−0.05 σv =0.26+/−0.00
VLSR =6.41+/−0.00 Tex =7.66+/−0.01
TA*(CCS) =0.41+/−0.01 ΔV =0.31+/−0.01
σV (CCS) =0.43+/−0.01 χ2 =2.40
B47
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

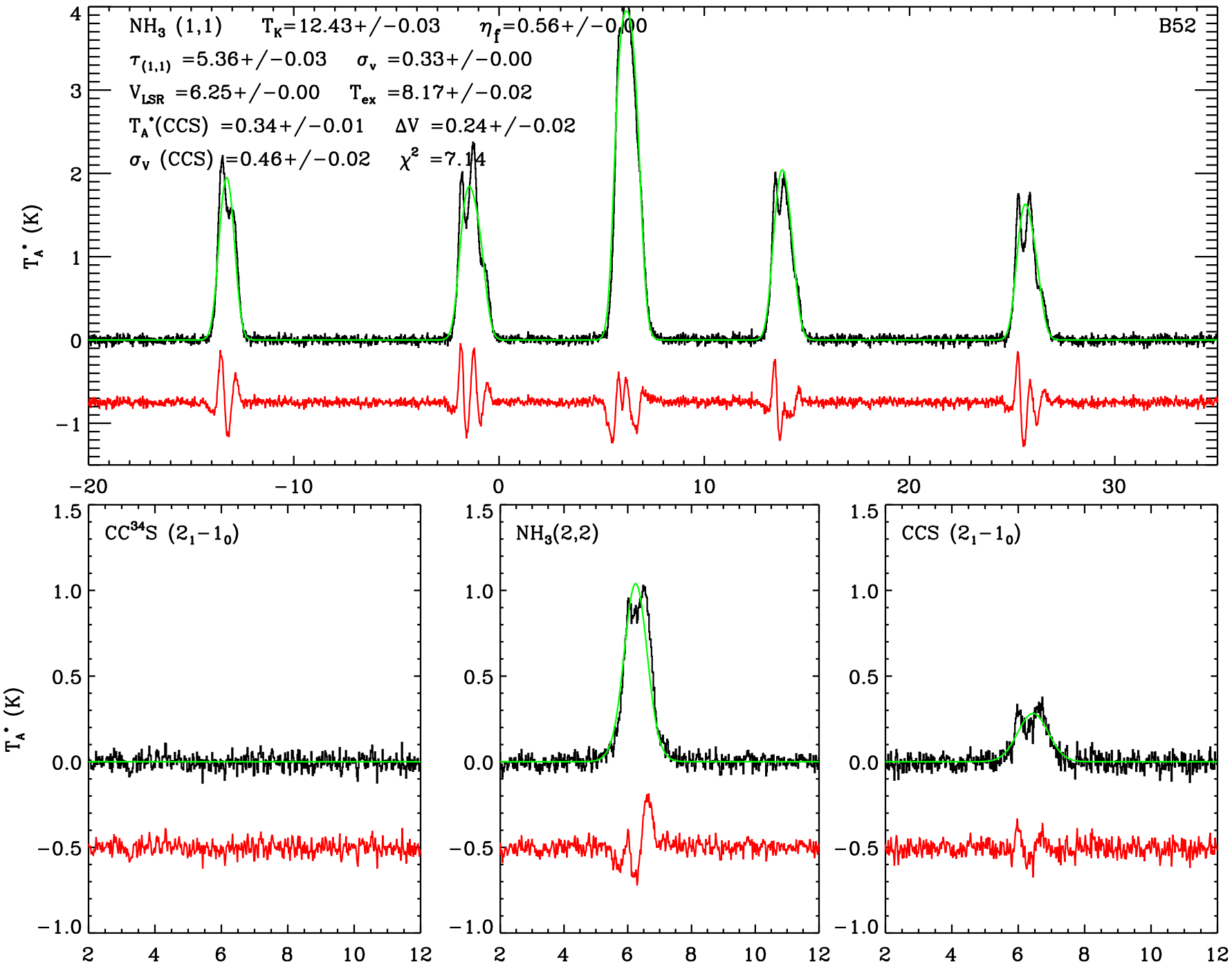

NH3 (1,1) TK=11.87+/−0.16 ηf=0.40+/−0.02
τ(1,1) =1.90+/−0.12 σv =0.25+/−0.00
VLSR =6.79+/−0.00 Tex =6.40+/−0.17
TA*(CCS) =0.77+/−0.02 ΔV =0.03+/−0.01
σV (CCS) =0.14+/−0.00 χ2 =1.07
B48
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

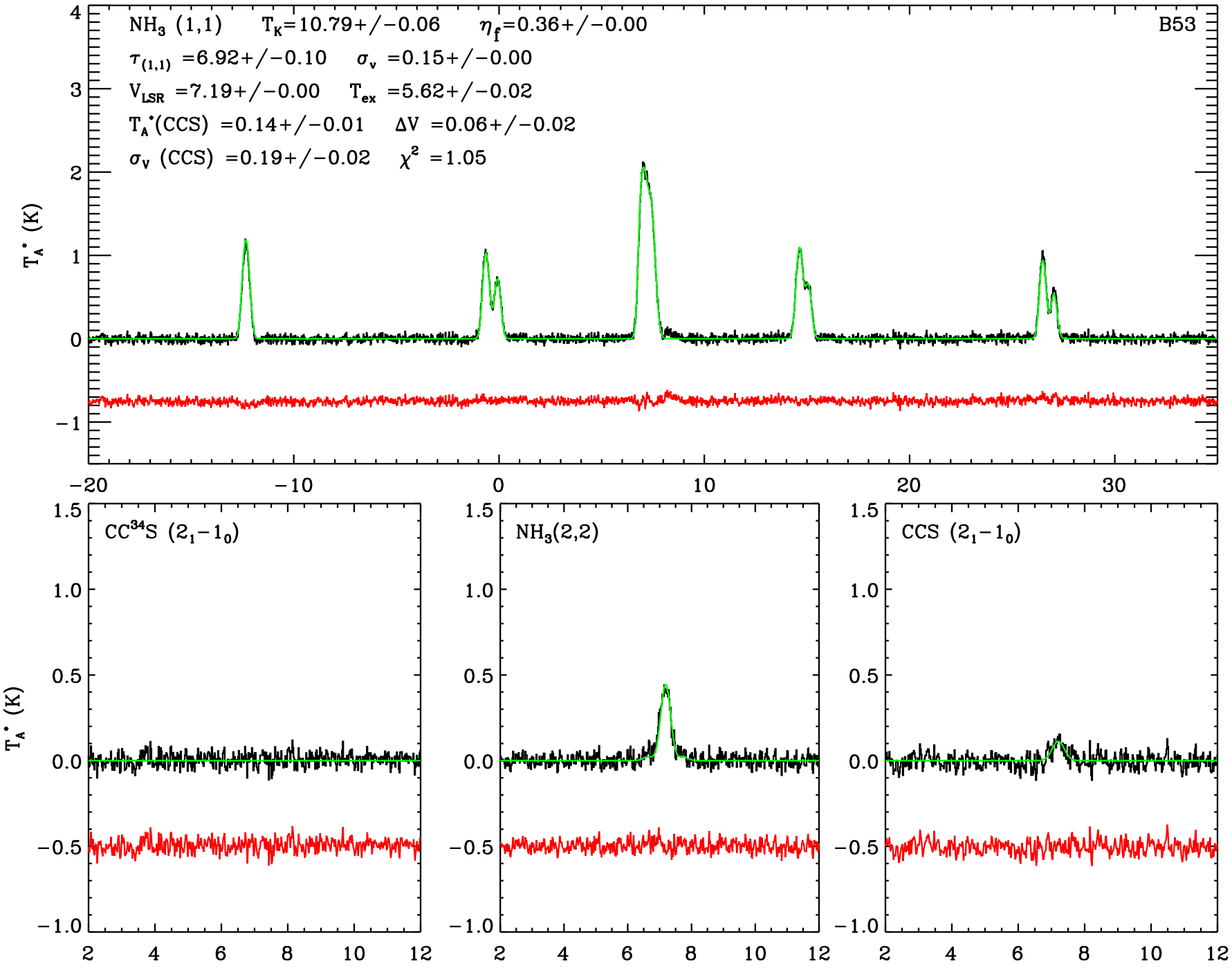

NH3 (1,1) TK=11.71+/−0.03 ηf=0.56+/−0.00
τ(1,1) =7.21+/−0.05 σv =0.33+/−0.00
VLSR =6.60+/−0.00 Tex =7.72+/−0.02
TA*(CCS) =0.45+/−0.01 ΔV =0.02+/−0.01
σV (CCS) =0.36+/−0.01 χ2 =2.94
B49
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

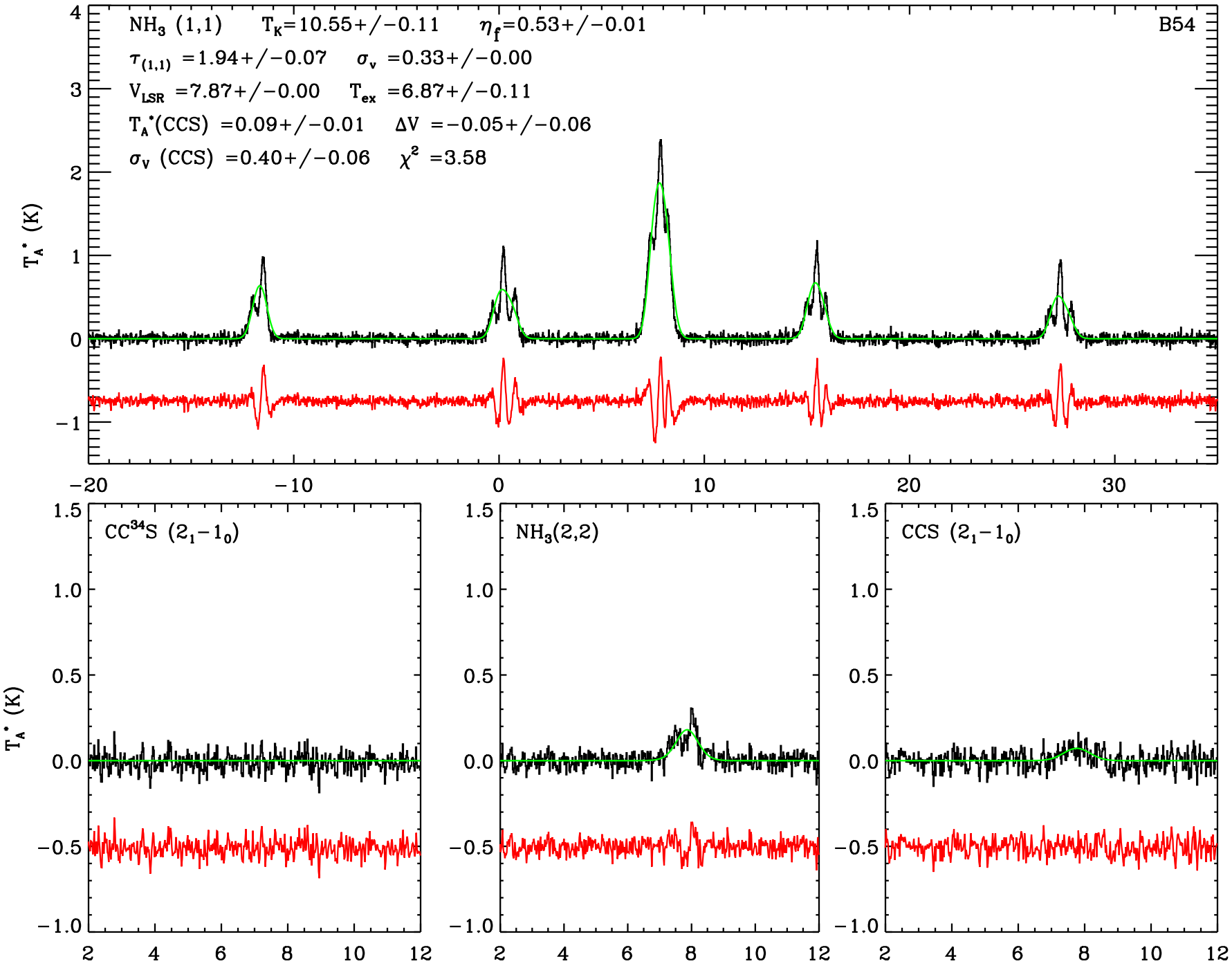

NH3 (1,1) TK=13.05+/−0.04 ηf=0.46+/−0.00
τ(1,1) =4.40+/−0.05 σv =0.27+/−0.00
VLSR =4.76+/−0.00 Tex =7.46+/−0.03
TA*(CCS) =0.22+/−0.01 ΔV =0.09+/−0.02
σV (CCS) =0.31+/−0.02 χ2 =2.30
B5
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

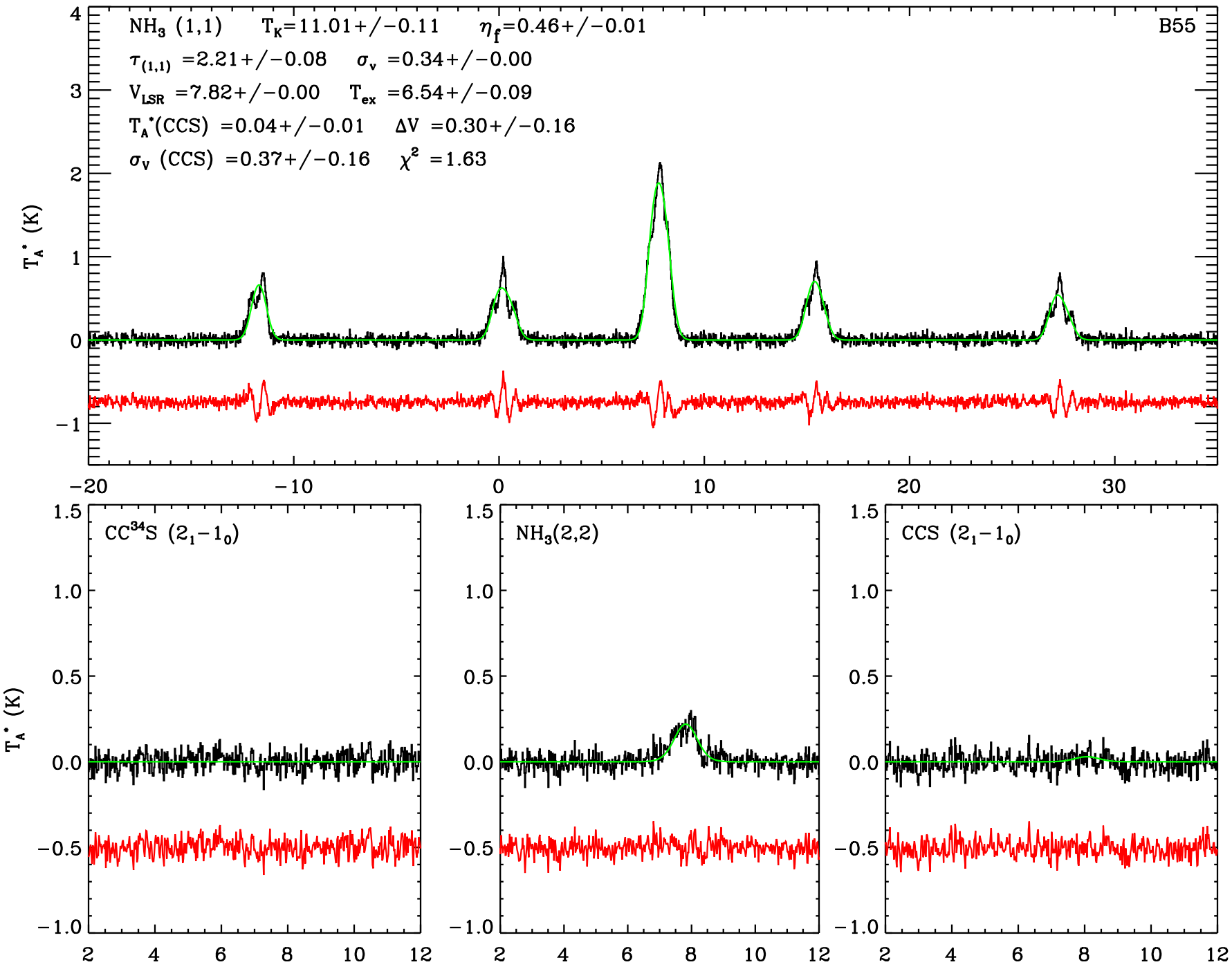

NH3 (1,1) TK=10.84+/−0.85 ηf=0.13+/−0.04
τ(1,1) =1.57+/−0.56 σv =0.17+/−0.01
VLSR =7.06+/−0.01 Tex =3.83+/−0.32
TA*(CCS) =0.24+/−0.03 ΔV =0.05+/−0.02
σV (CCS) =0.12+/−0.02 χ2 =0.95
B50
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

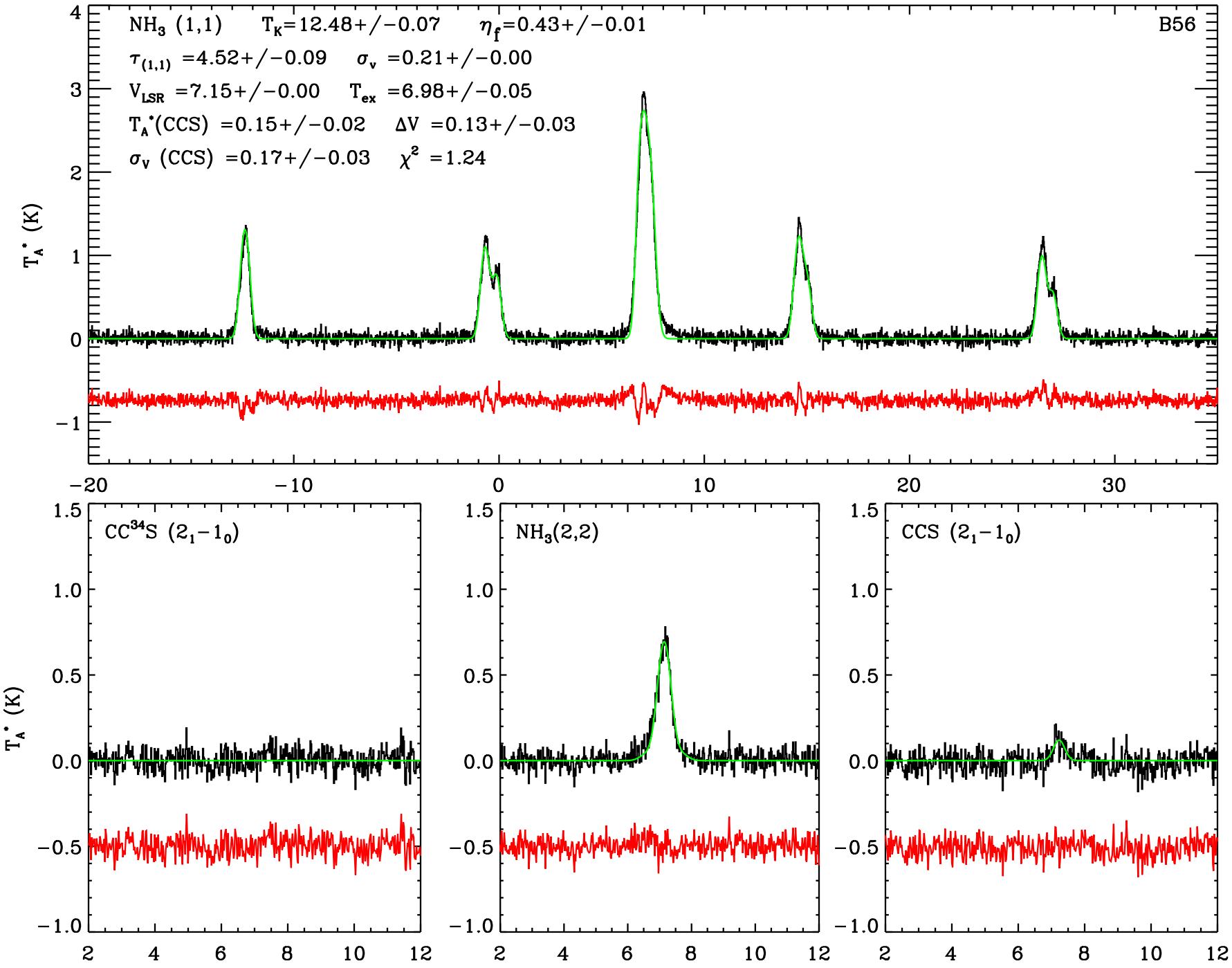

NH3 (1,1) TK=10.49+/−0.15 ηf=0.32+/−0.01
τ(1,1) =5.98+/−0.20 σv =0.11+/−0.00
VLSR =6.82+/−0.00 Tex =5.21+/−0.05
TA*(CCS) =0.19+/−0.03 ΔV =0.06+/−0.02
σV (CCS) =0.10+/−0.02 χ2 =0.96
B51
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

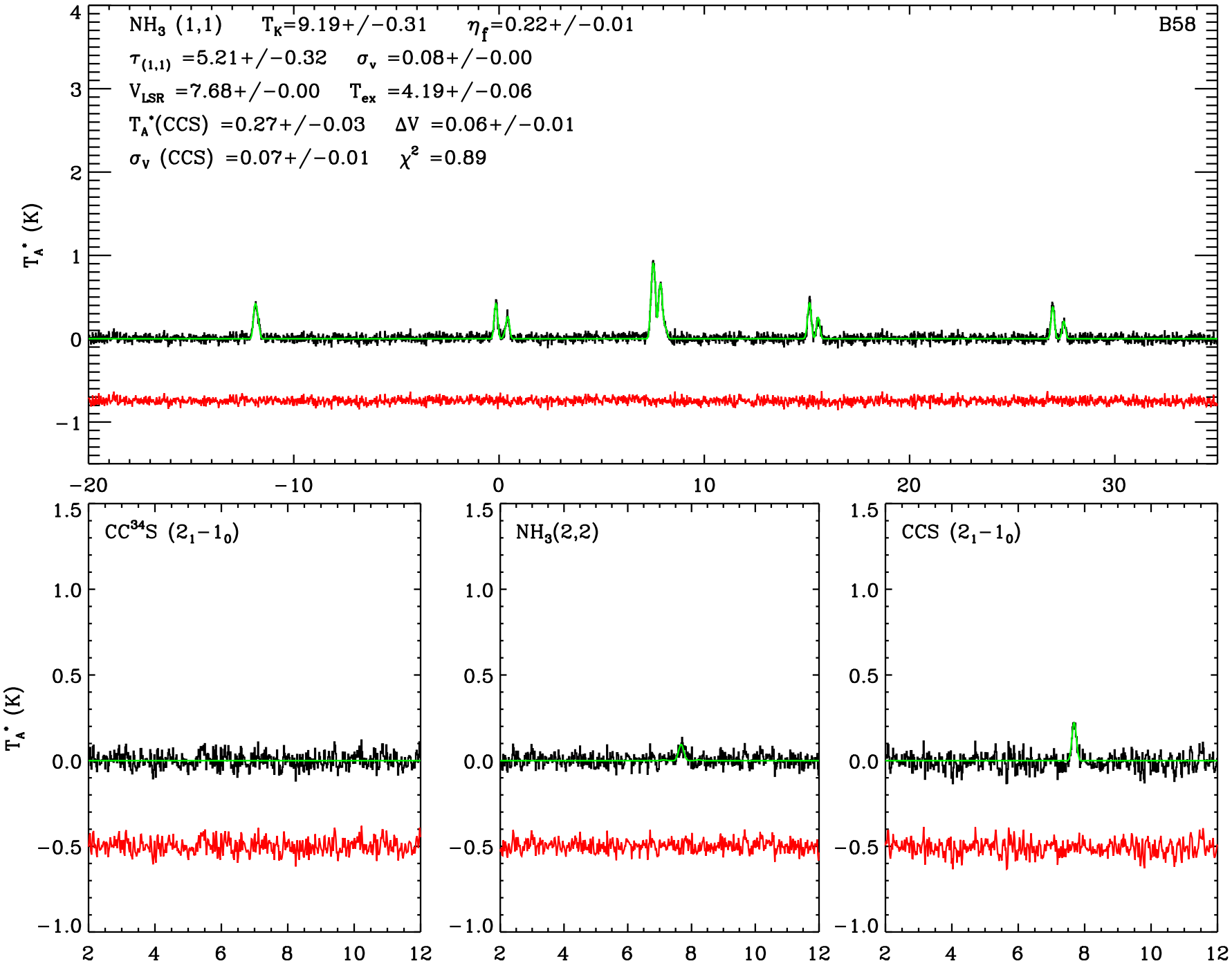

NH3 (1,1) TK=12.43+/−0.03 ηf=0.56+/−0.00
τ(1,1) =5.36+/−0.03 σv =0.33+/−0.00
VLSR =6.25+/−0.00 Tex =8.17+/−0.02
TA*(CCS) =0.34+/−0.01 ΔV =0.24+/−0.02
σV (CCS) =0.46+/−0.02 χ2 =7.14
B52
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

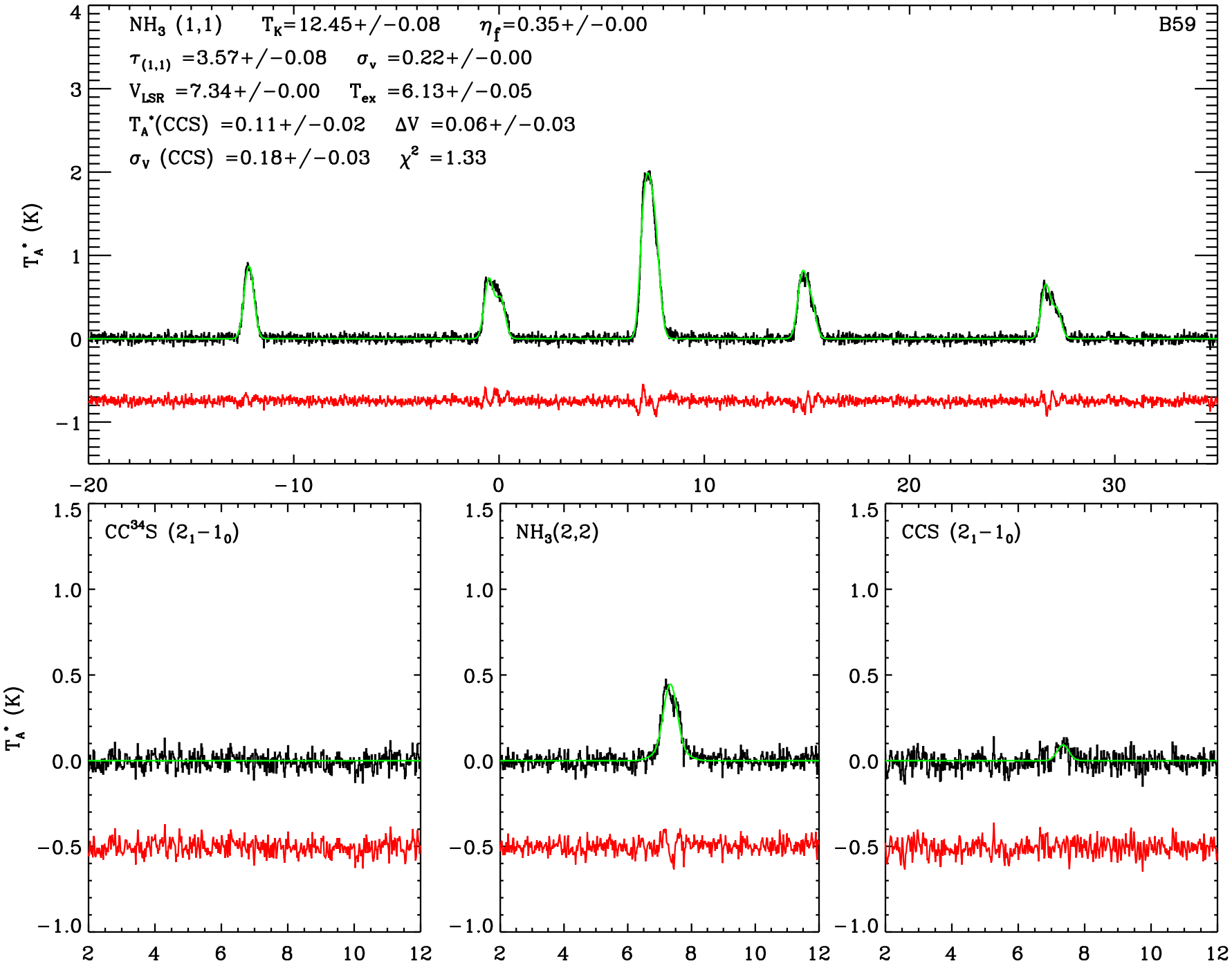

NH3 (1,1) TK=10.79+/−0.06 ηf=0.36+/−0.00
τ(1,1) =6.92+/−0.10 σv =0.15+/−0.00
VLSR =7.19+/−0.00 Tex =5.62+/−0.02
TA*(CCS) =0.14+/−0.01 ΔV =0.06+/−0.02
σV (CCS) =0.19+/−0.02 χ2 =1.05
B53
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

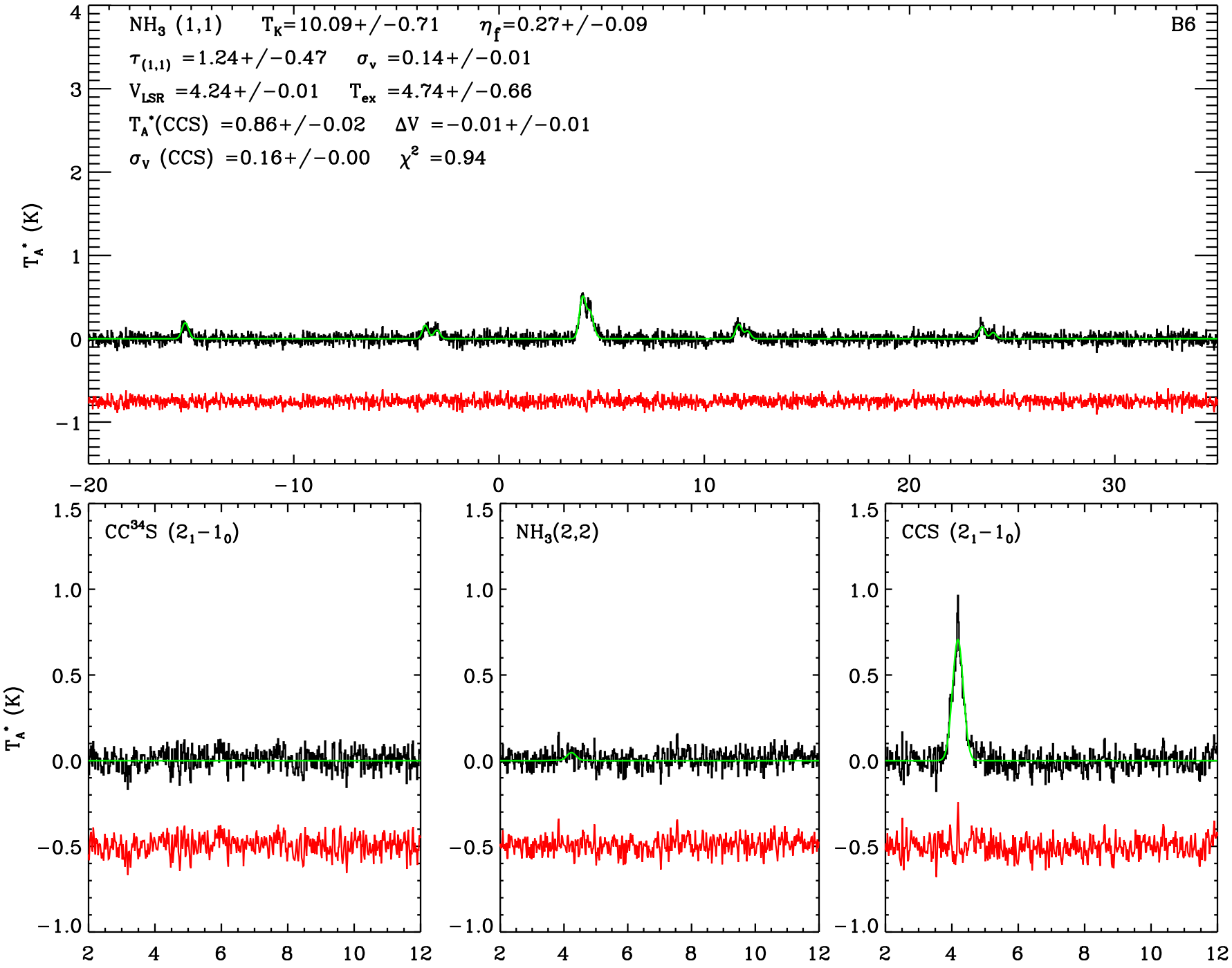

NH3 (1,1) TK=10.55+/−0.11 ηf=0.53+/−0.01
τ(1,1) =1.94+/−0.07 σv =0.33+/−0.00
VLSR =7.87+/−0.00 Tex =6.87+/−0.11
TA*(CCS) =0.09+/−0.01 ΔV =−0.05+/−0.06
σV (CCS) =0.40+/−0.06 χ2 =3.58
B54
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

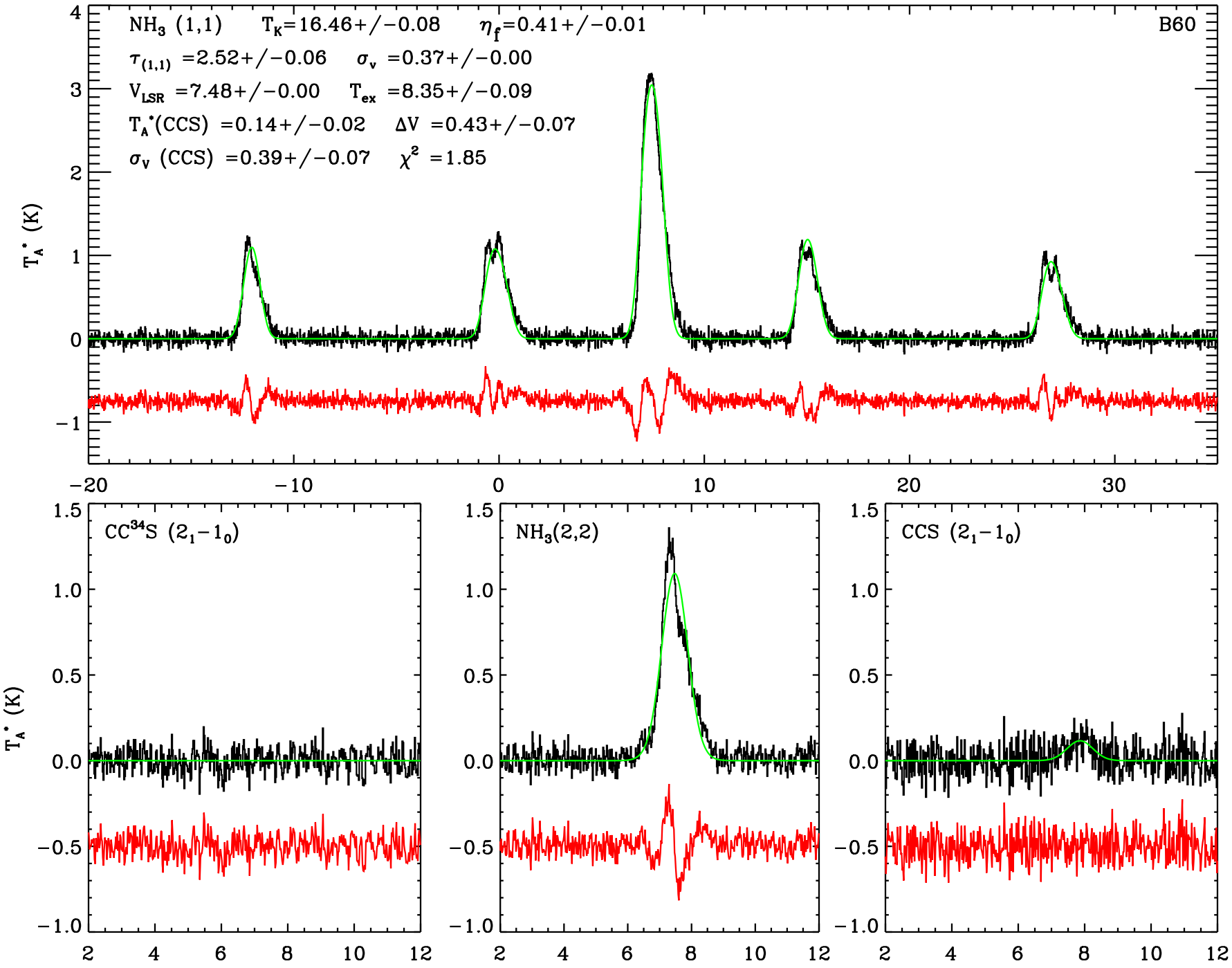

NH3 (1,1) TK=11.01+/−0.11 ηf=0.46+/−0.01
τ(1,1) =2.21+/−0.08 σv =0.34+/−0.00
VLSR =7.82+/−0.00 Tex =6.54+/−0.09
TA*(CCS) =0.04+/−0.01 ΔV =0.30+/−0.16
σV (CCS) =0.37+/−0.16 χ2 =1.63
B55
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

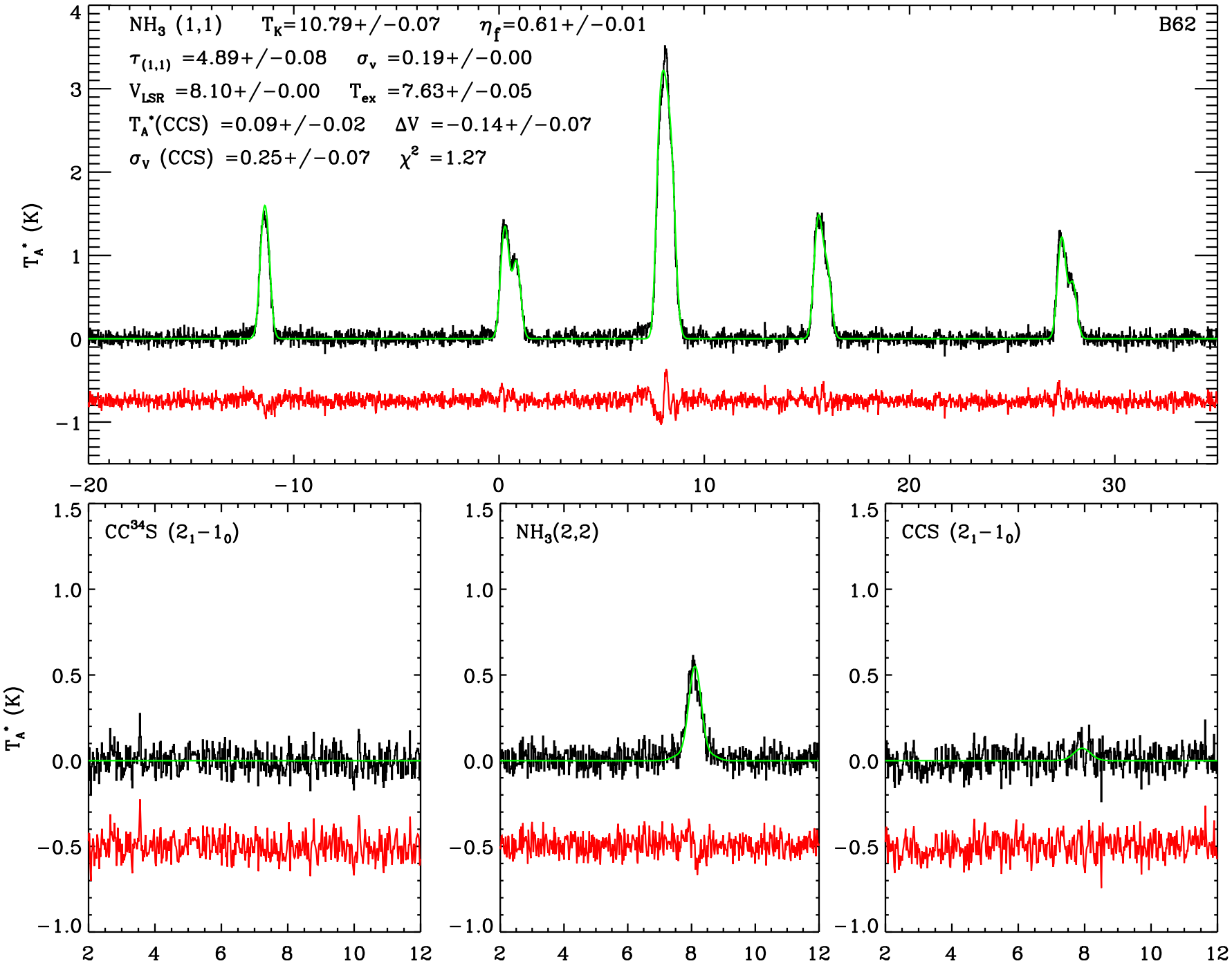

NH3 (1,1) TK=12.48+/−0.07 ηf=0.43+/−0.01
τ(1,1) =4.52+/−0.09 σv =0.21+/−0.00
VLSR =7.15+/−0.00 Tex =6.98+/−0.05
TA*(CCS) =0.15+/−0.02 ΔV =0.13+/−0.03
σV (CCS) =0.17+/−0.03 χ2 =1.24
B56
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

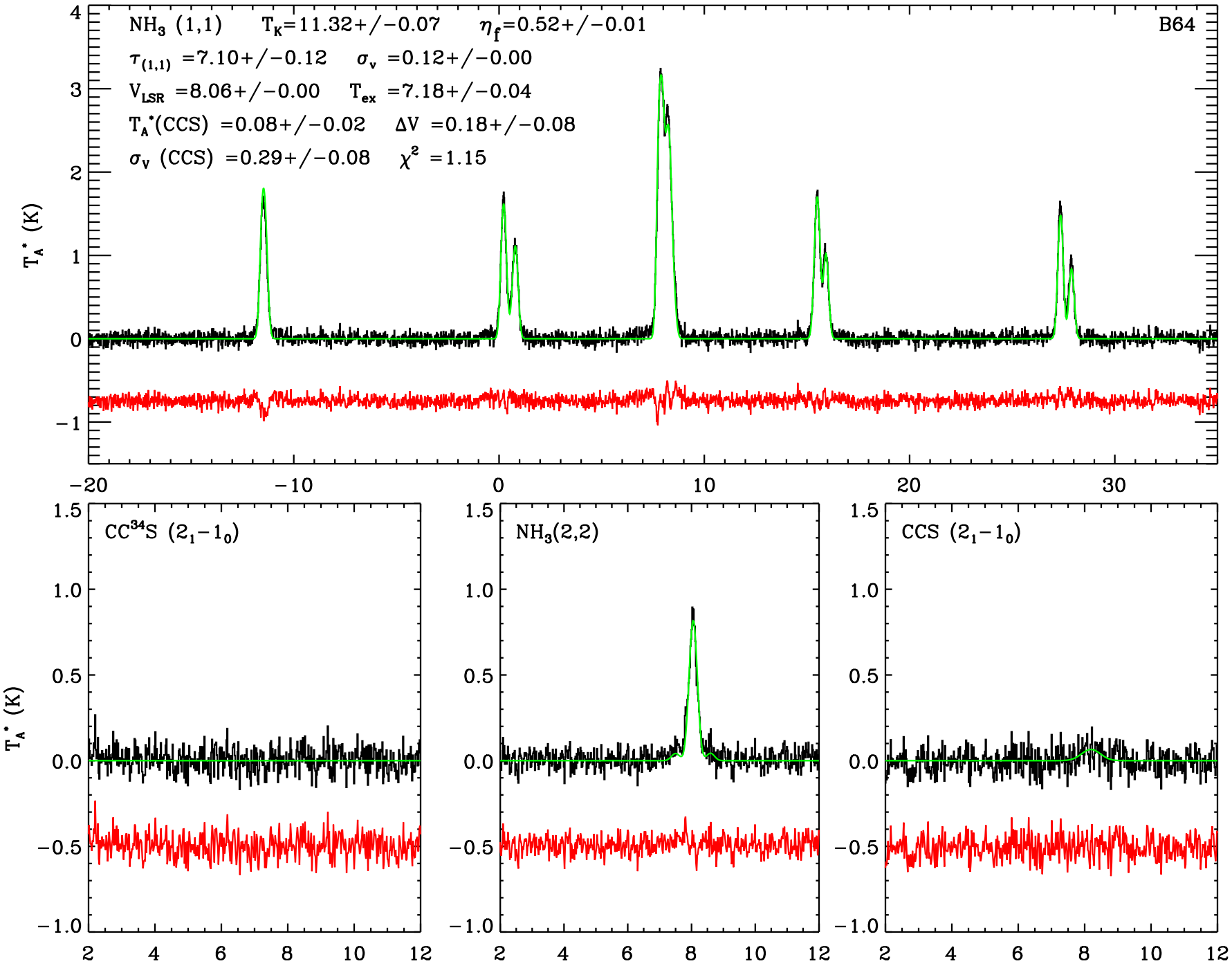

NH3 (1,1) TK=9.19+/−0.31 ηf=0.22+/−0.01
τ(1,1) =5.21+/−0.32 σv =0.08+/−0.00
VLSR =7.68+/−0.00 Tex =4.19+/−0.06
TA*(CCS) =0.27+/−0.03 ΔV =0.06+/−0.01
σV (CCS) =0.07+/−0.01 χ2 =0.89
B58
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

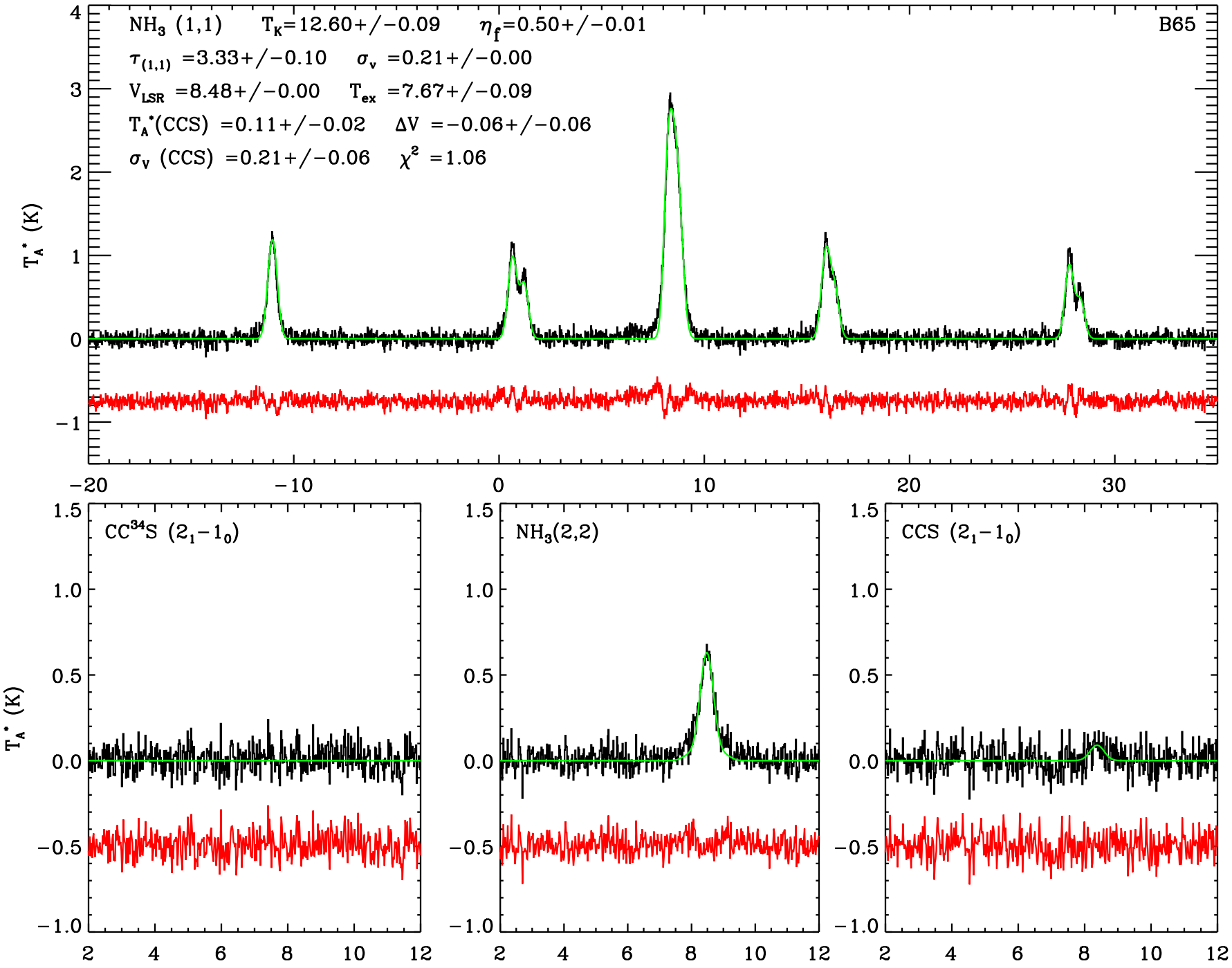

NH3 (1,1) TK=12.45+/−0.08 ηf=0.35+/−0.00
τ(1,1) =3.57+/−0.08 σv =0.22+/−0.00
VLSR =7.34+/−0.00 Tex =6.13+/−0.05
TA*(CCS) =0.11+/−0.02 ΔV =0.06+/−0.03
σV (CCS) =0.18+/−0.03 χ2 =1.33
B59
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

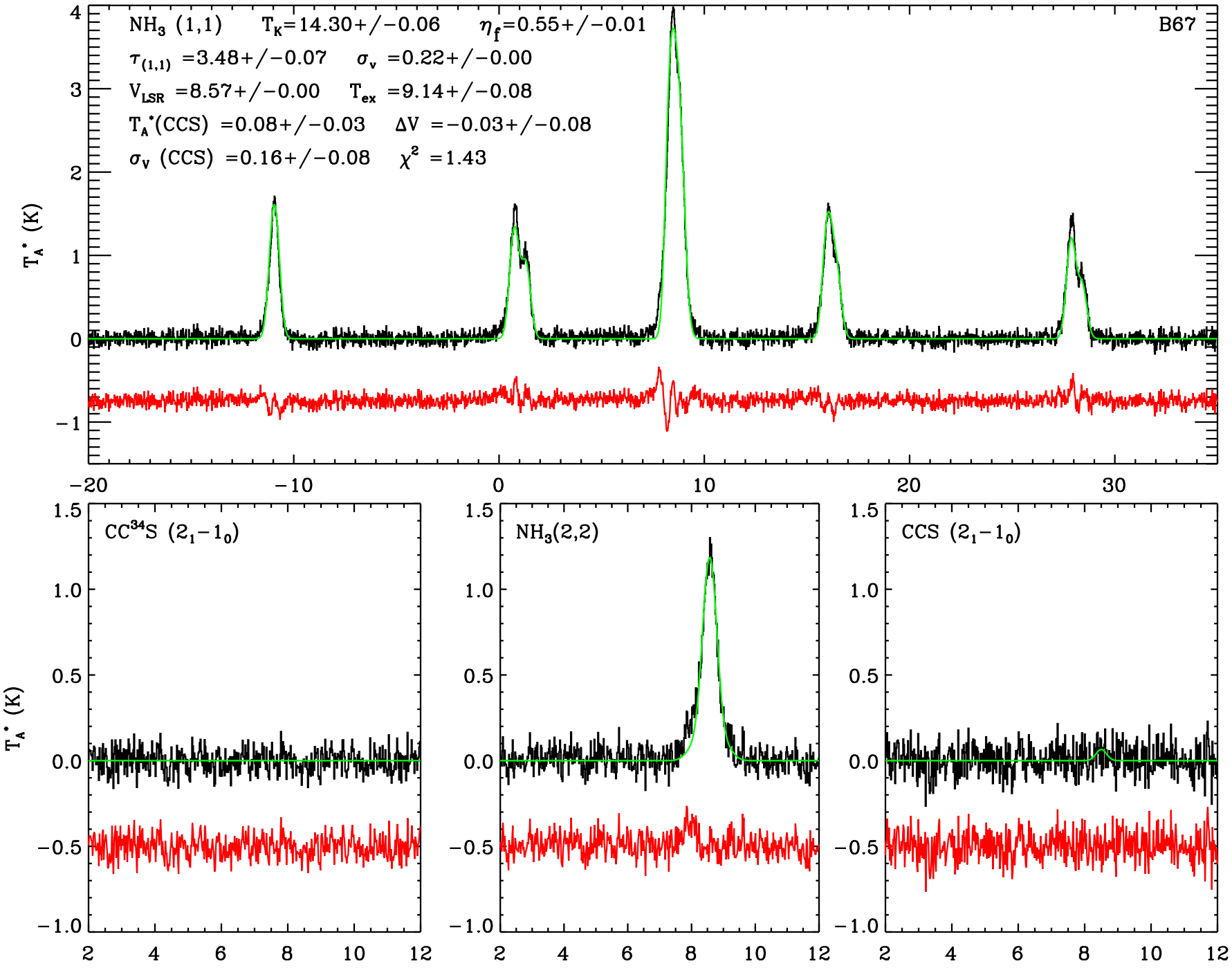

NH3 (1,1) TK=10.09+/−0.71 ηf=0.27+/−0.09
τ(1,1) =1.24+/−0.47 σv =0.14+/−0.01
VLSR =4.24+/−0.01 Tex =4.74+/−0.66
TA*(CCS) =0.86+/−0.02 ΔV =−0.01+/−0.01
σV (CCS) =0.16+/−0.00 χ2 =0.94
B6
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

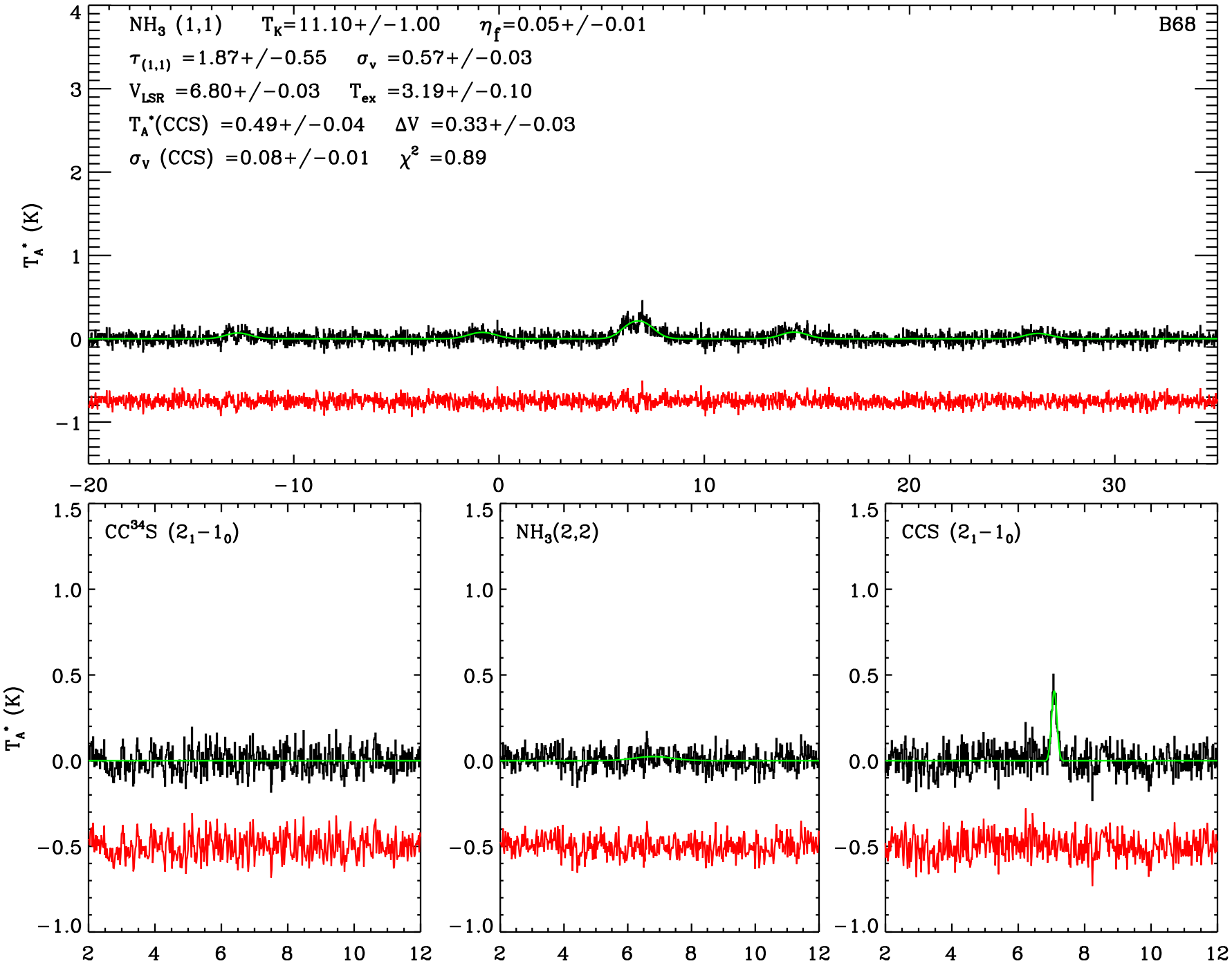

NH3 (1,1) TK=16.46+/−0.08 ηf=0.41+/−0.01
τ(1,1) =2.52+/−0.06 σv =0.37+/−0.00
VLSR =7.48+/−0.00 Tex =8.35+/−0.09
TA*(CCS) =0.14+/−0.02 ΔV =0.43+/−0.07
σV (CCS) =0.39+/−0.07 χ2 =1.85
B60
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

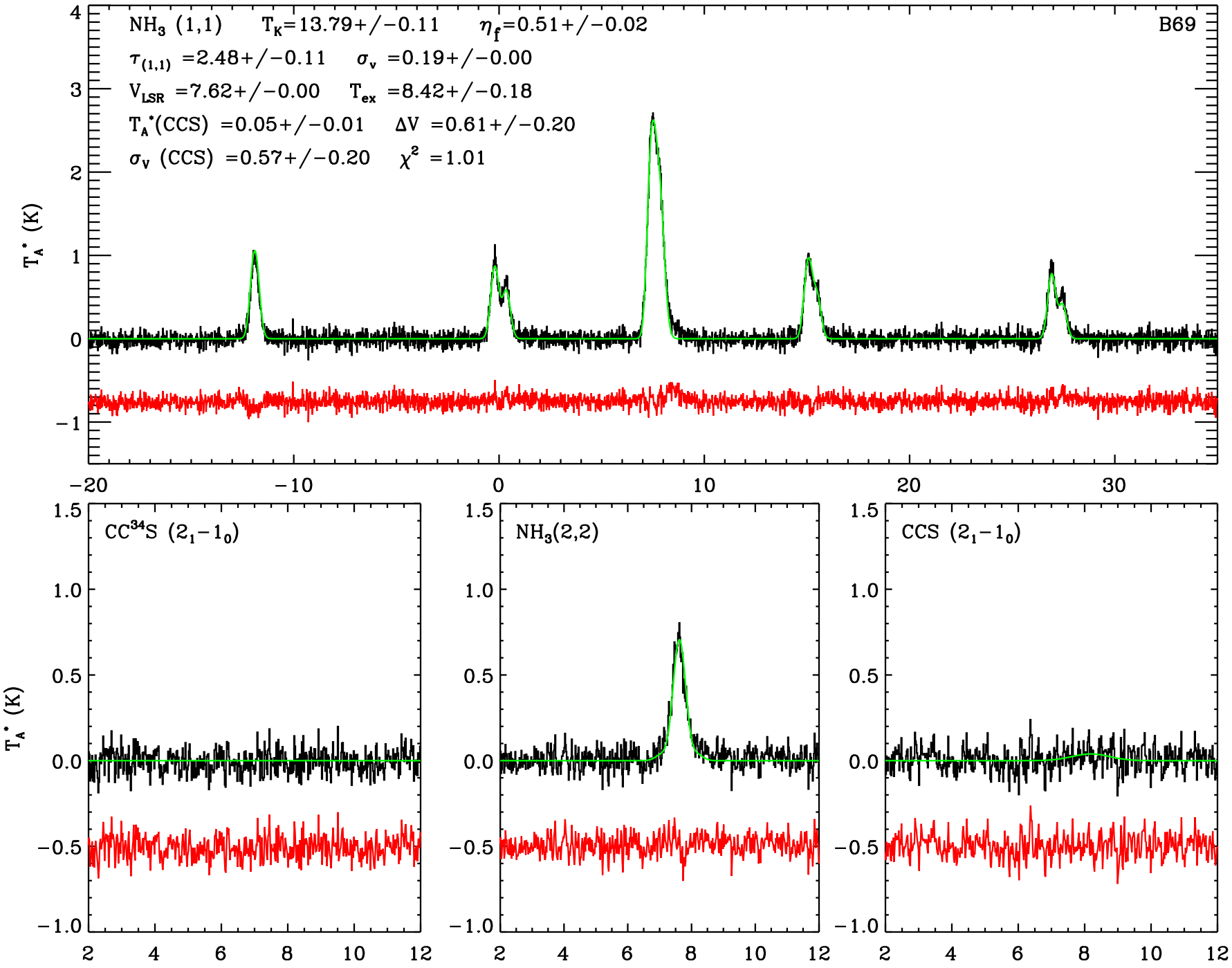

NH3 (1,1) TK=10.79+/−0.07 ηf=0.61+/−0.01
τ(1,1) =4.89+/−0.08 σv =0.19+/−0.00
VLSR =8.10+/−0.00 Tex =7.63+/−0.05
TA*(CCS) =0.09+/−0.02 ΔV =−0.14+/−0.07
σV (CCS) =0.25+/−0.07 χ2 =1.27
B62
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

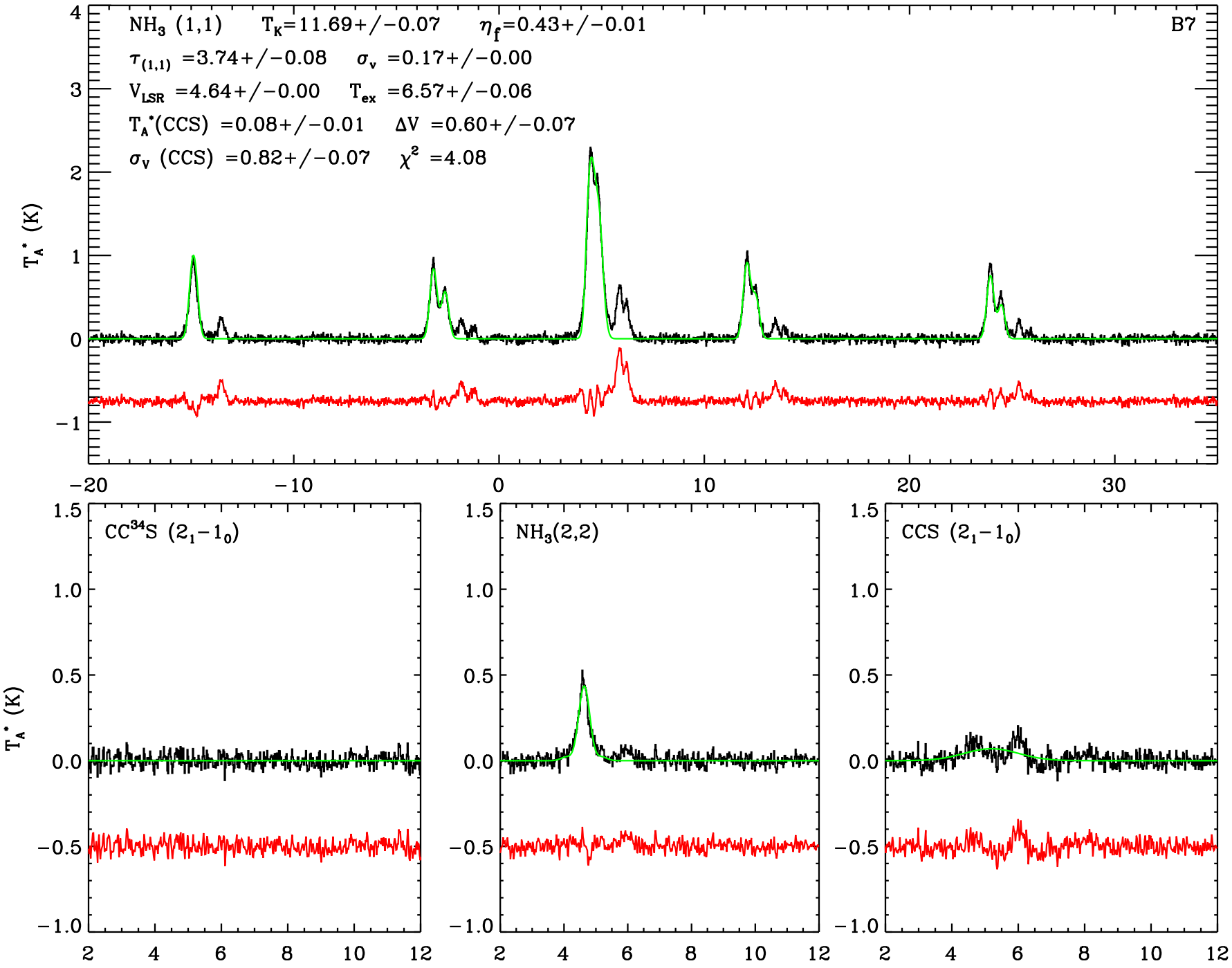

NH3 (1,1) TK=11.32+/−0.07 ηf=0.52+/−0.01
τ(1,1) =7.10+/−0.12 σv =0.12+/−0.00
VLSR =8.06+/−0.00 Tex =7.18+/−0.04
TA*(CCS) =0.08+/−0.02 ΔV =0.18+/−0.08
σV (CCS) =0.29+/−0.08 χ2 =1.15
B64
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

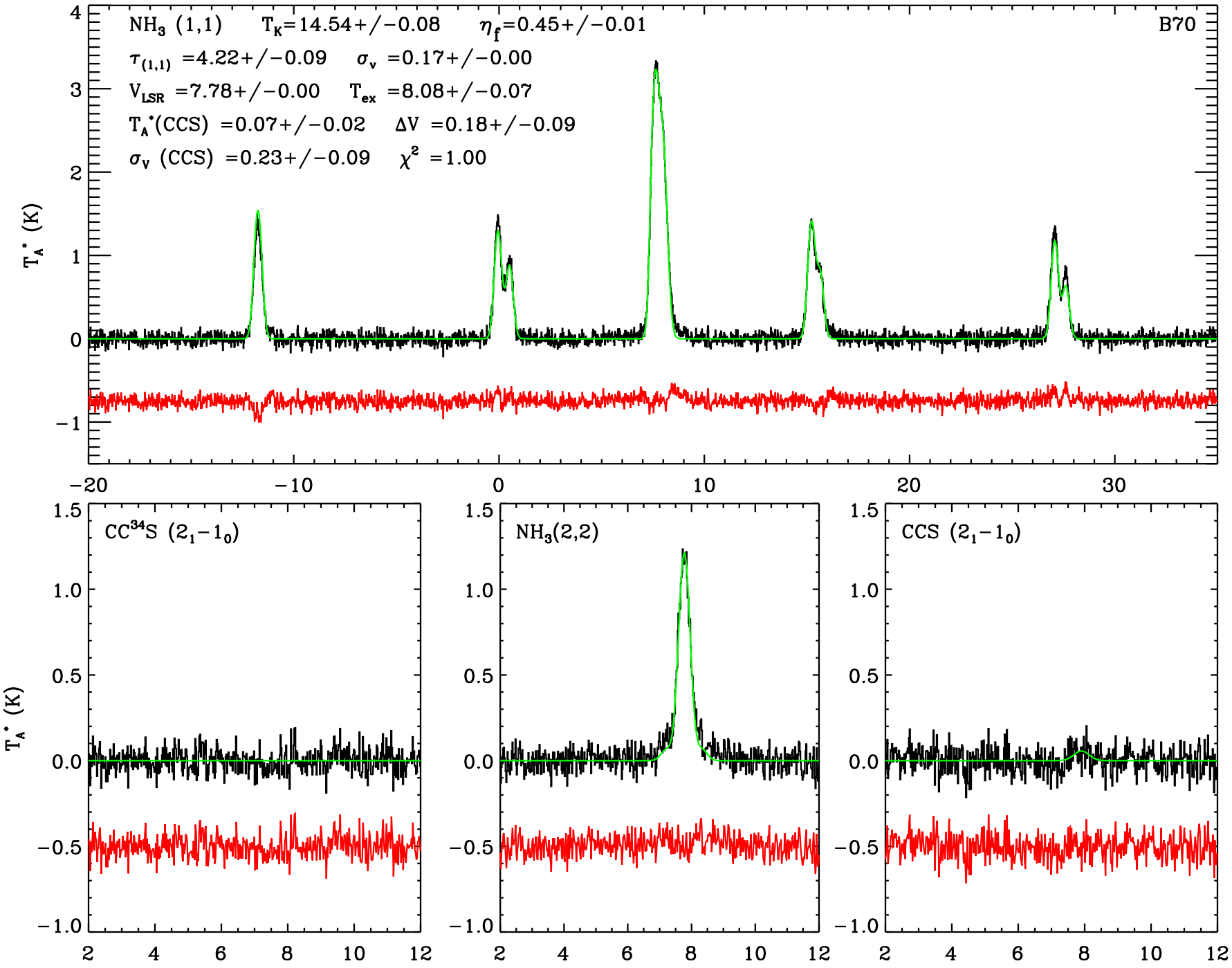

NH3 (1,1) TK=12.60+/−0.09 ηf=0.50+/−0.01
τ(1,1) =3.33+/−0.10 σv =0.21+/−0.00
VLSR =8.48+/−0.00 Tex =7.67+/−0.09
TA*(CCS) =0.11+/−0.02 ΔV =−0.06+/−0.06
σV (CCS) =0.21+/−0.06 χ2 =1.06
B65
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

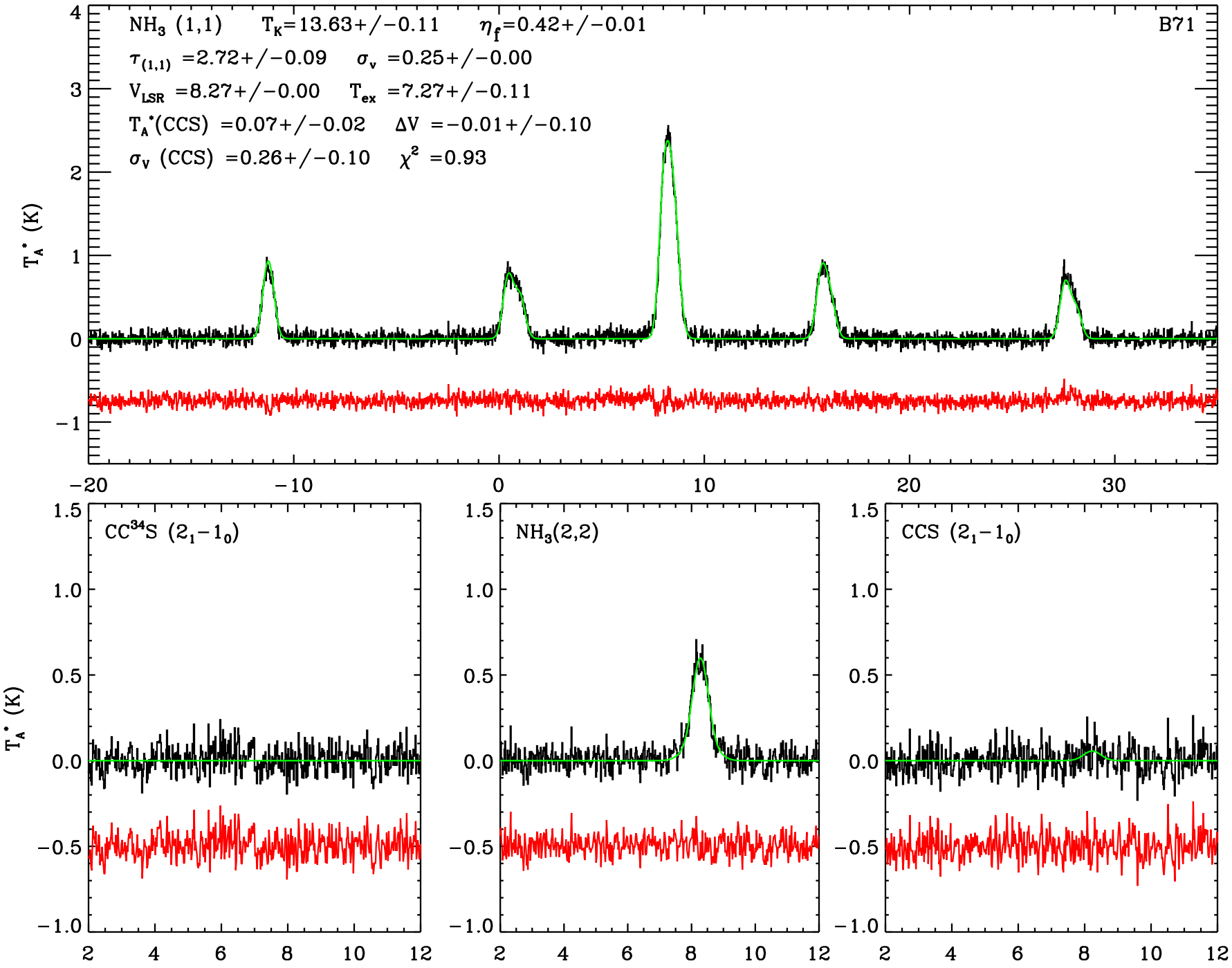

NH3 (1,1) TK=14.30+/−0.06 ηf=0.55+/−0.01
τ(1,1) =3.48+/−0.07 σv =0.22+/−0.00
VLSR =8.57+/−0.00 Tex =9.14+/−0.08
TA*(CCS) =0.08+/−0.03 ΔV =−0.03+/−0.08
σV (CCS) =0.16+/−0.08 χ2 =1.43
B67
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

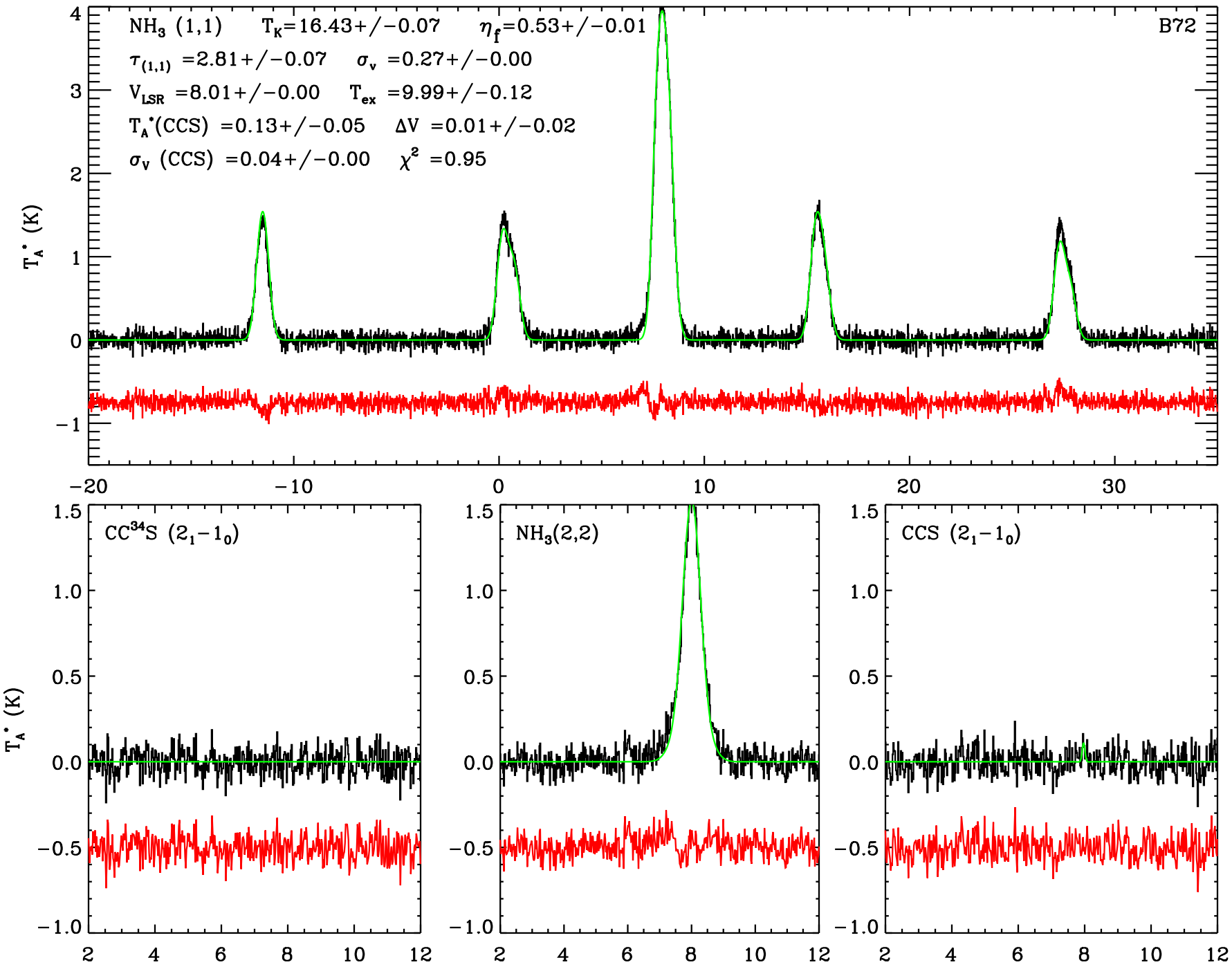

NH3 (1,1) TK=11.10+/−1.00 ηf=0.05+/−0.01
τ(1,1) =1.87+/−0.55 σv =0.57+/−0.03
VLSR =6.80+/−0.03 Tex =3.19+/−0.10
TA*(CCS) =0.49+/−0.04 ΔV =0.33+/−0.03
σV (CCS) =0.08+/−0.01 χ2 =0.89
B68
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

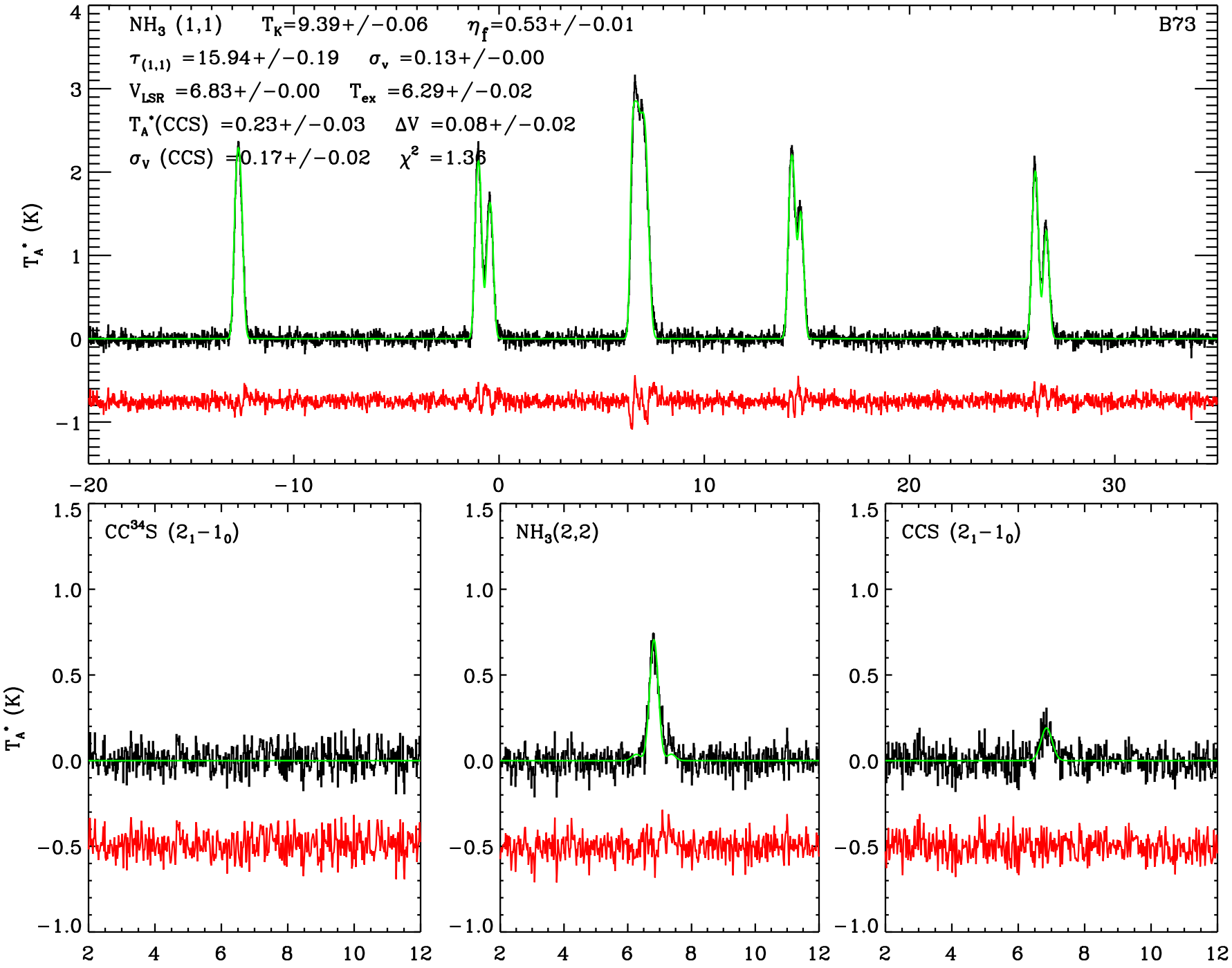

NH3 (1,1) TK=13.79+/−0.11 ηf=0.51+/−0.02
τ(1,1) =2.48+/−0.11 σv =0.19+/−0.00
VLSR =7.62+/−0.00 Tex =8.42+/−0.18
TA*(CCS) =0.05+/−0.01 ΔV =0.61+/−0.20
σV (CCS) =0.57+/−0.20 χ2 =1.01
B69
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

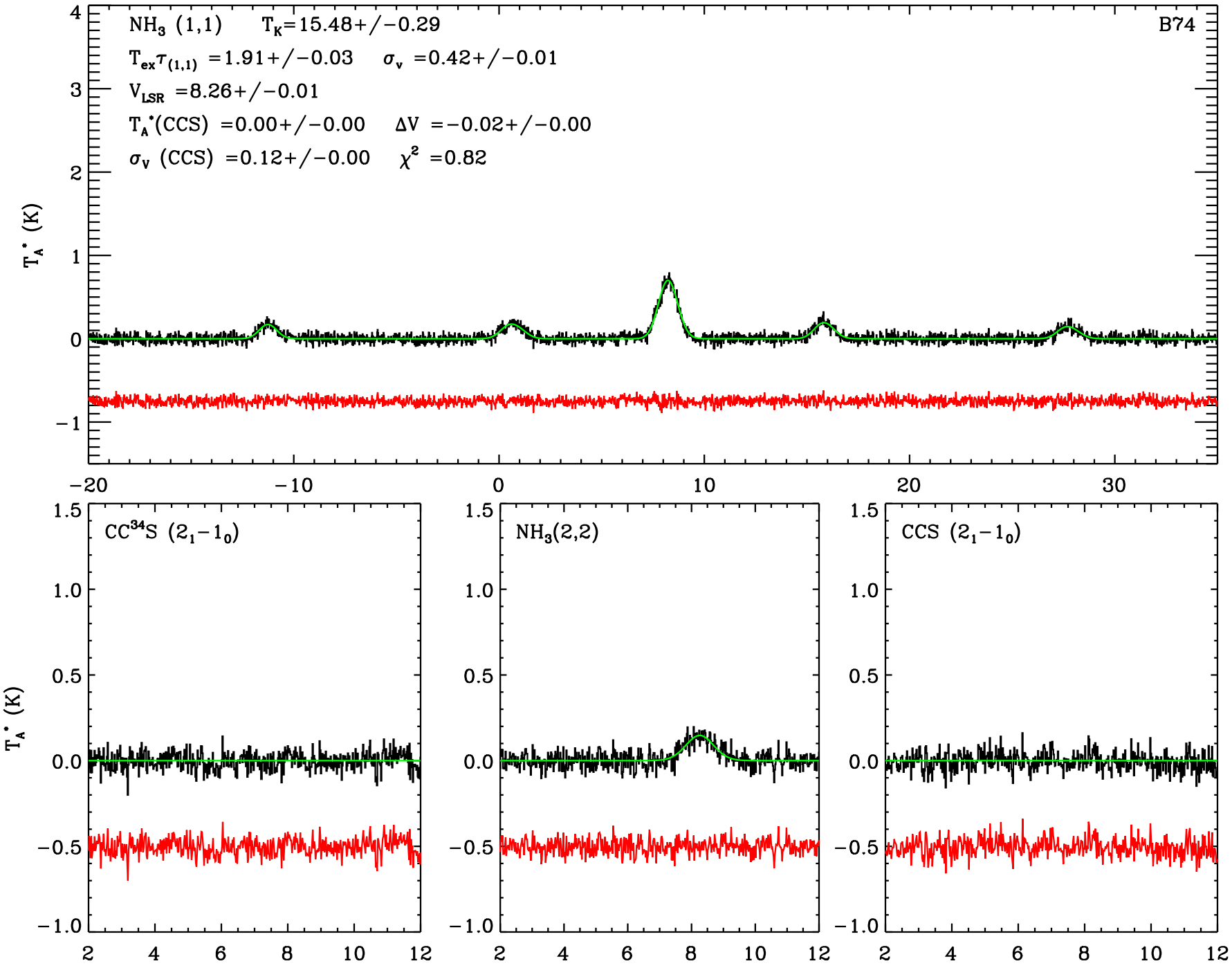

NH3 (1,1) TK=11.69+/−0.07 ηf=0.43+/−0.01
τ(1,1) =3.74+/−0.08 σv =0.17+/−0.00
VLSR =4.64+/−0.00 Tex =6.57+/−0.06
TA*(CCS) =0.08+/−0.01 ΔV =0.60+/−0.07
σV (CCS) =0.82+/−0.07 χ2 =4.08
B7
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

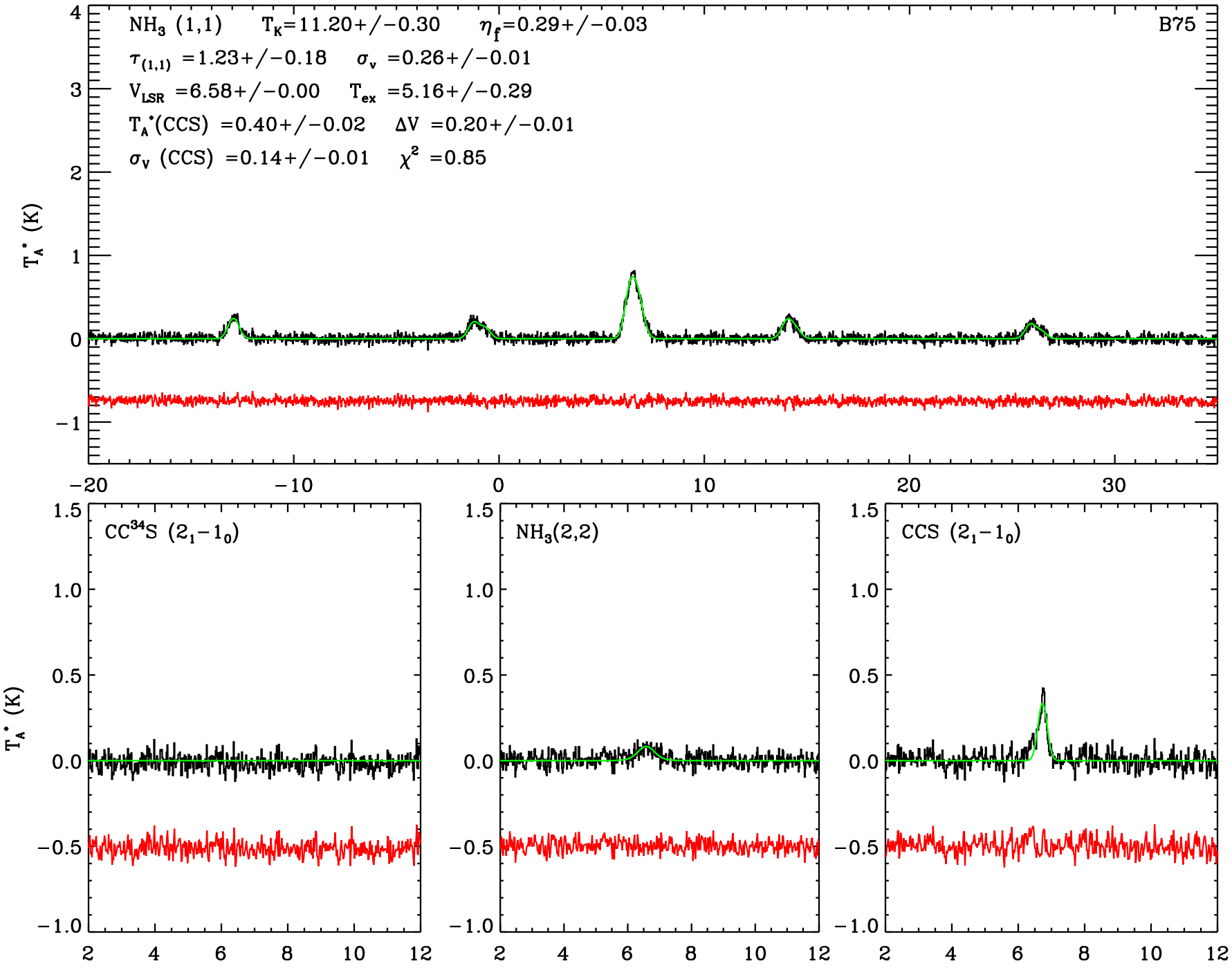

NH3 (1,1) TK=14.54+/−0.08 ηf=0.45+/−0.01
τ(1,1) =4.22+/−0.09 σv =0.17+/−0.00
VLSR =7.78+/−0.00 Tex =8.08+/−0.07
TA*(CCS) =0.07+/−0.02 ΔV =0.18+/−0.09
σV (CCS) =0.23+/−0.09 χ2 =1.00
B70
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

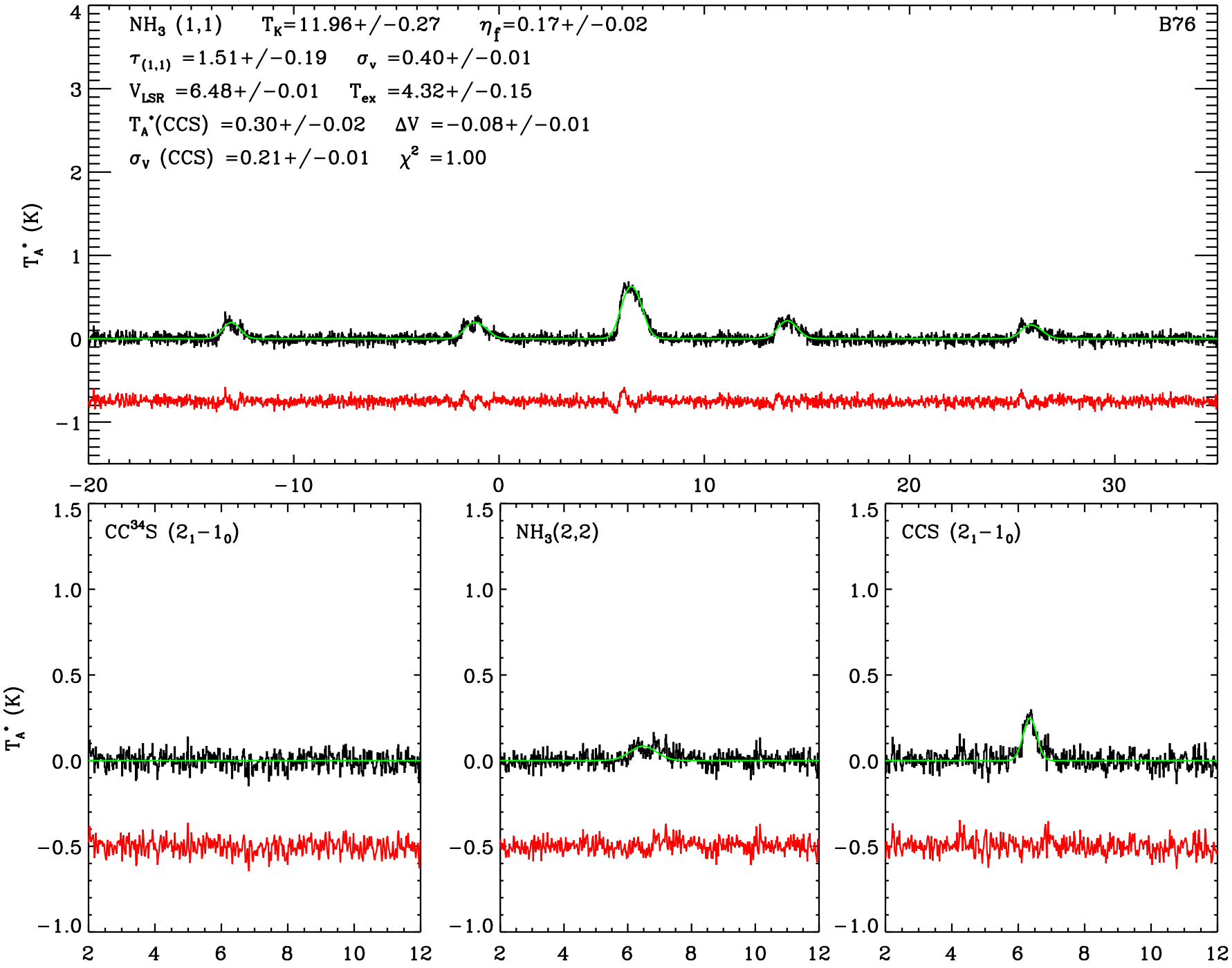

NH3 (1,1) TK=13.63+/−0.11 ηf=0.42+/−0.01
τ(1,1) =2.72+/−0.09 σv =0.25+/−0.00
VLSR =8.27+/−0.00 Tex =7.27+/−0.11
TA*(CCS) =0.07+/−0.02 ΔV =−0.01+/−0.10
σV (CCS) =0.26+/−0.10 χ2 =0.93
B71
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

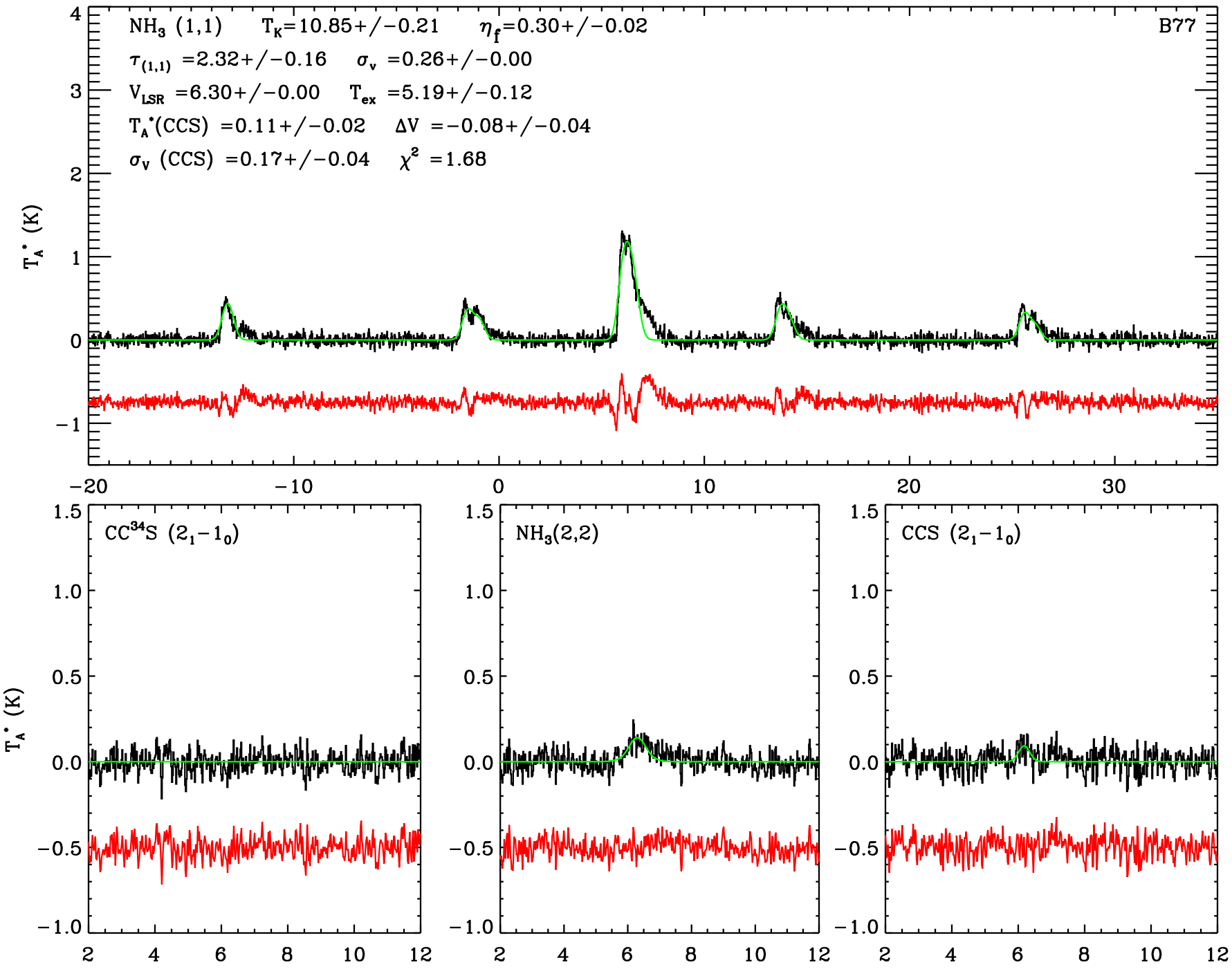

NH3 (1,1) TK=16.43+/−0.07 ηf=0.53+/−0.01
τ(1,1) =2.81+/−0.07 σv =0.27+/−0.00
VLSR =8.01+/−0.00 Tex =9.99+/−0.12
TA*(CCS) =0.13+/−0.05 ΔV =0.01+/−0.02
σV (CCS) =0.04+/−0.00 χ2 =0.95
B72
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

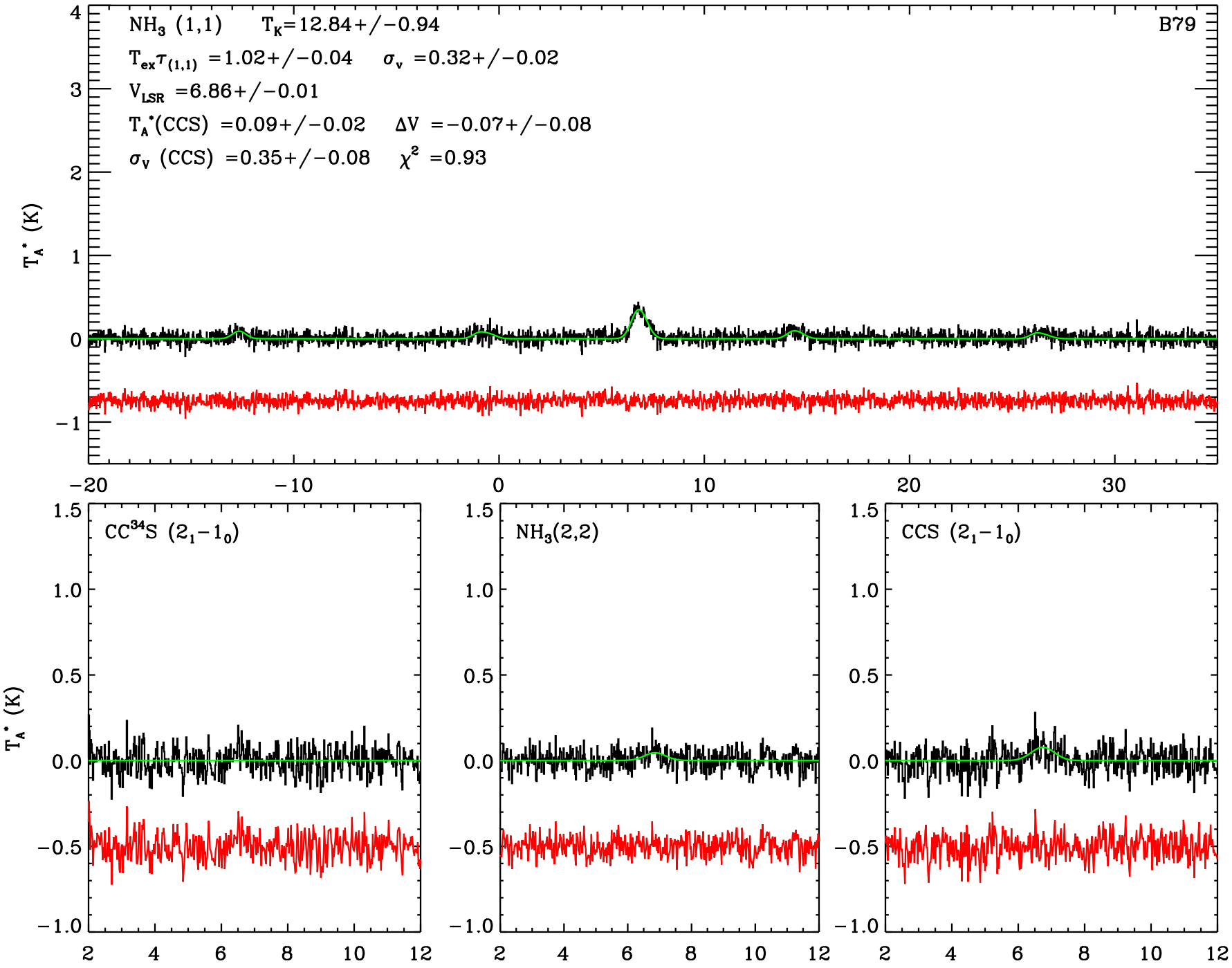

NH3 (1,1) TK=9.39+/−0.06 ηf=0.53+/−0.01
τ(1,1) =15.94+/−0.19 σv =0.13+/−0.00
VLSR =6.83+/−0.00 Tex =6.29+/−0.02
TA*(CCS) =0.23+/−0.03 ΔV =0.08+/−0.02
σV (CCS) =0.17+/−0.02 χ2 =1.36
B73
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

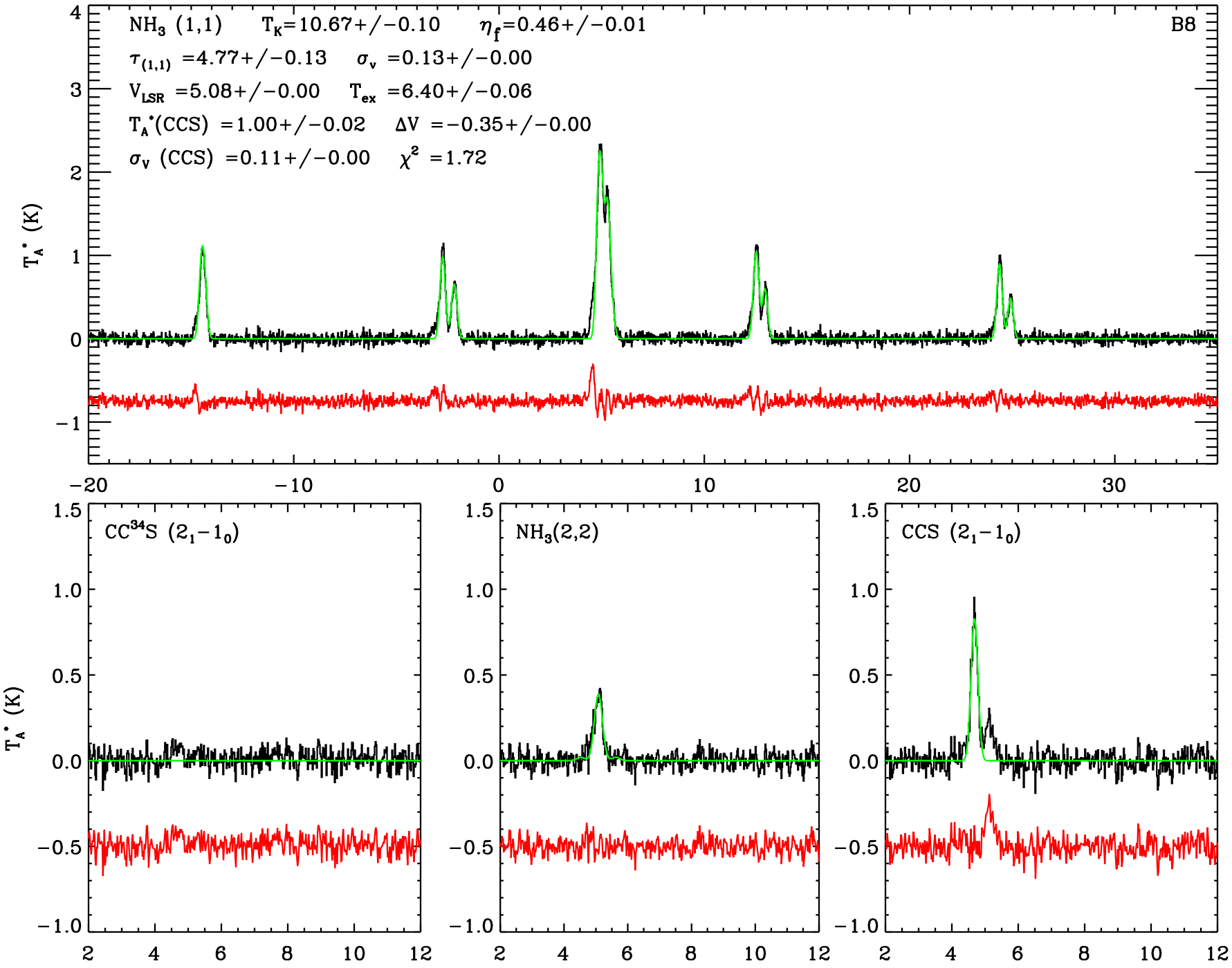

NH3 (1,1) TK=15.48+/−0.29
B74
Tex τ(1,1) =1.91+/−0.03 σv =0.42+/−0.01
VLSR =8.26+/−0.01
TA*(CCS) =0.00+/−0.00 ΔV =−0.02+/−0.00
σV (CCS) =0.12+/−0.00 χ2 =0.82
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

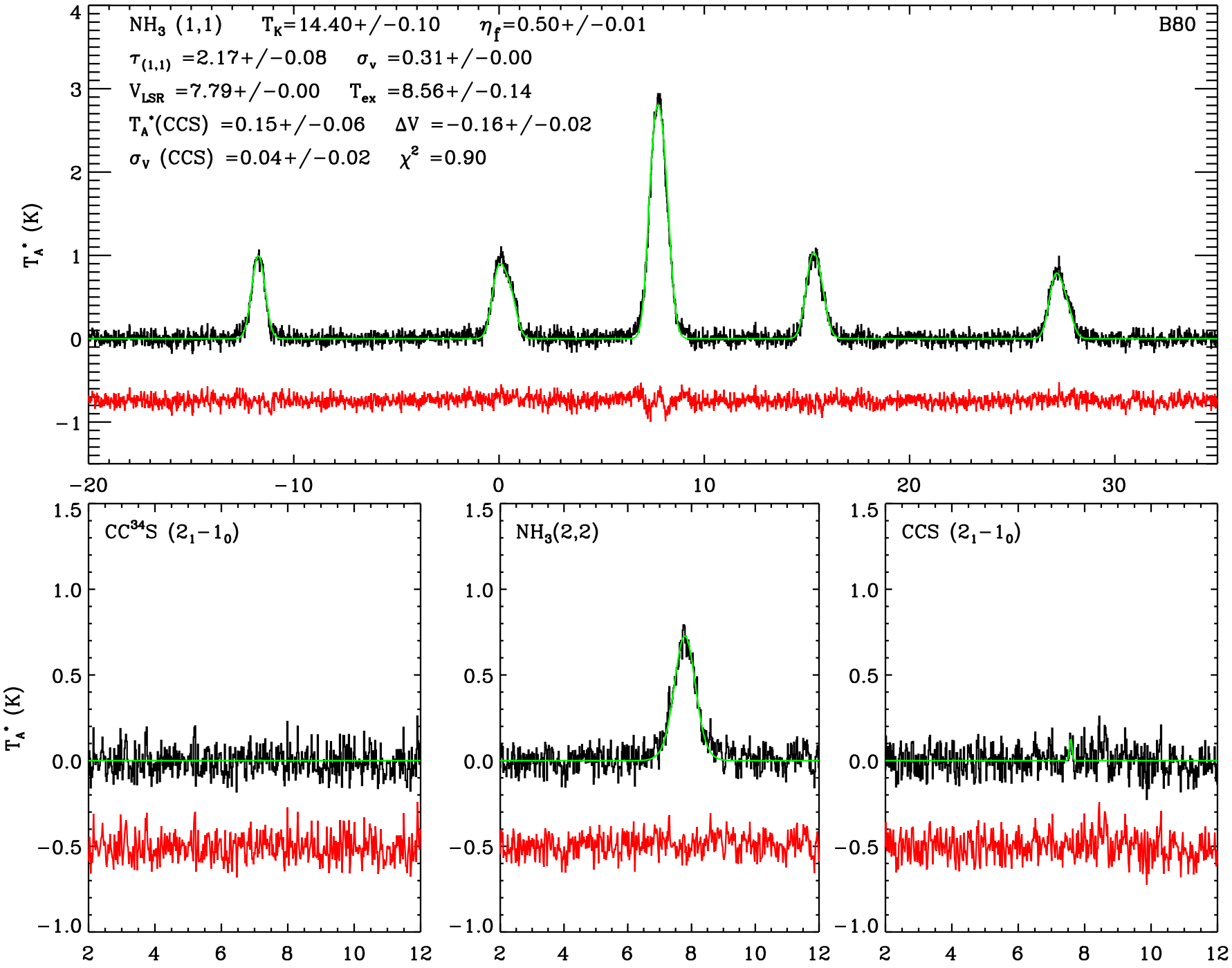

NH3 (1,1) TK=11.20+/−0.30 ηf=0.29+/−0.03
τ(1,1) =1.23+/−0.18 σv =0.26+/−0.01
VLSR =6.58+/−0.00 Tex =5.16+/−0.29
TA*(CCS) =0.40+/−0.02 ΔV =0.20+/−0.01
σV (CCS) =0.14+/−0.01 χ2 =0.85
B75
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

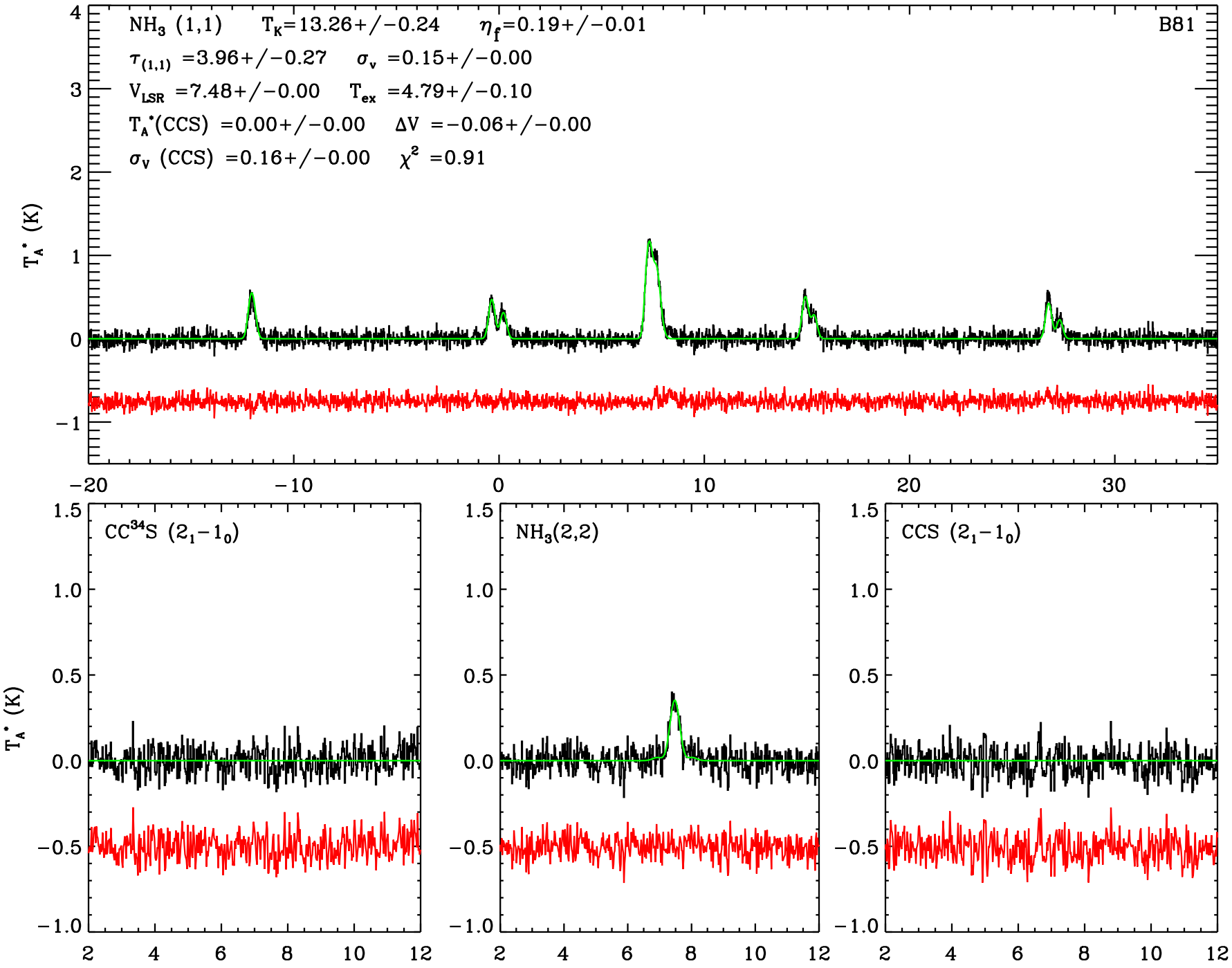

NH3 (1,1) TK=11.96+/−0.27 ηf=0.17+/−0.02
τ(1,1) =1.51+/−0.19 σv =0.40+/−0.01
VLSR =6.48+/−0.01 Tex =4.32+/−0.15
TA*(CCS) =0.30+/−0.02 ΔV =−0.08+/−0.01
σV (CCS) =0.21+/−0.01 χ2 =1.00
B76
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

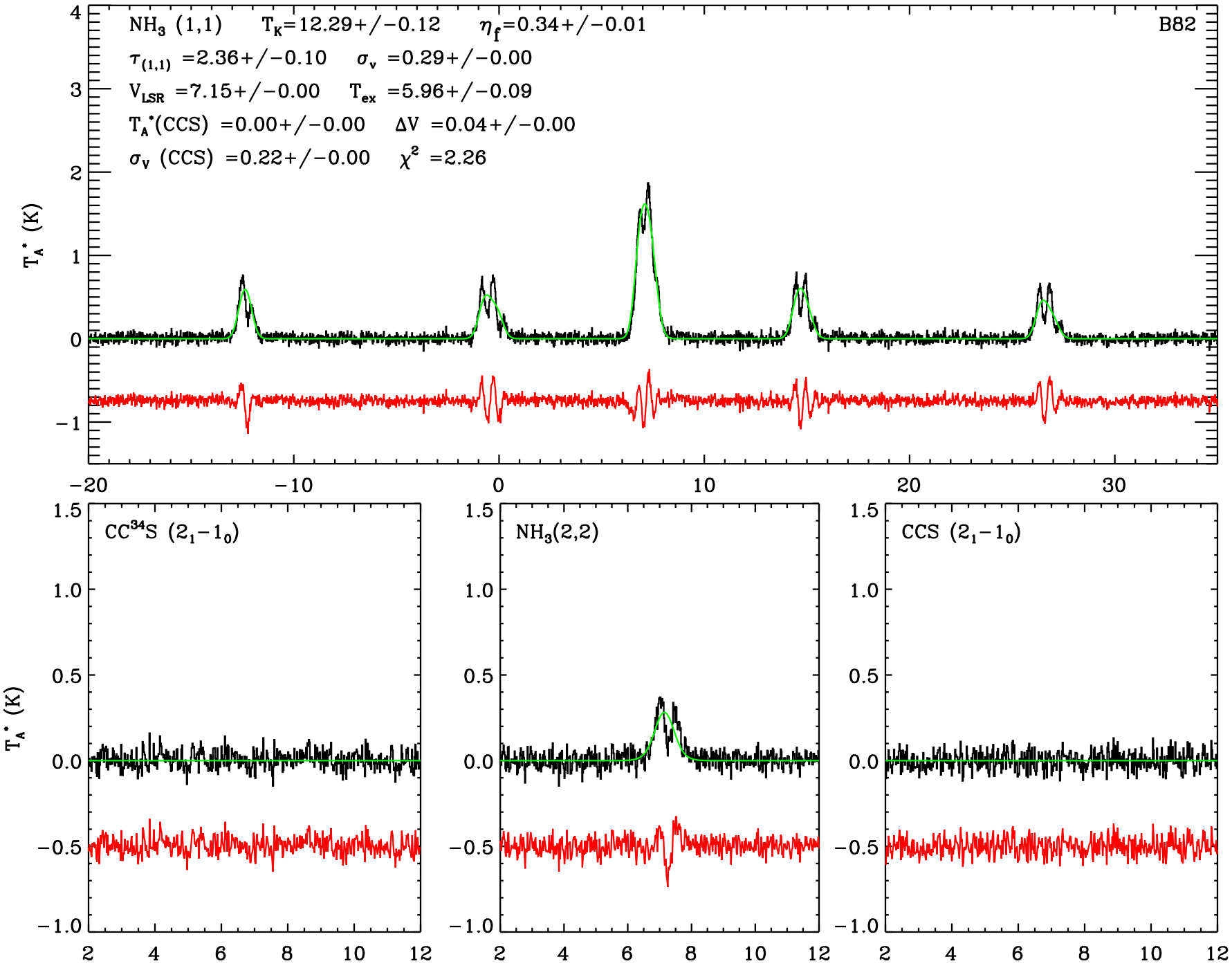

NH3 (1,1) TK=10.85+/−0.21 ηf=0.30+/−0.02
τ(1,1) =2.32+/−0.16 σv =0.26+/−0.00
VLSR =6.30+/−0.00 Tex =5.19+/−0.12
TA*(CCS) =0.11+/−0.02 ΔV =−0.08+/−0.04
σV (CCS) =0.17+/−0.04 χ2 =1.68
B77
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

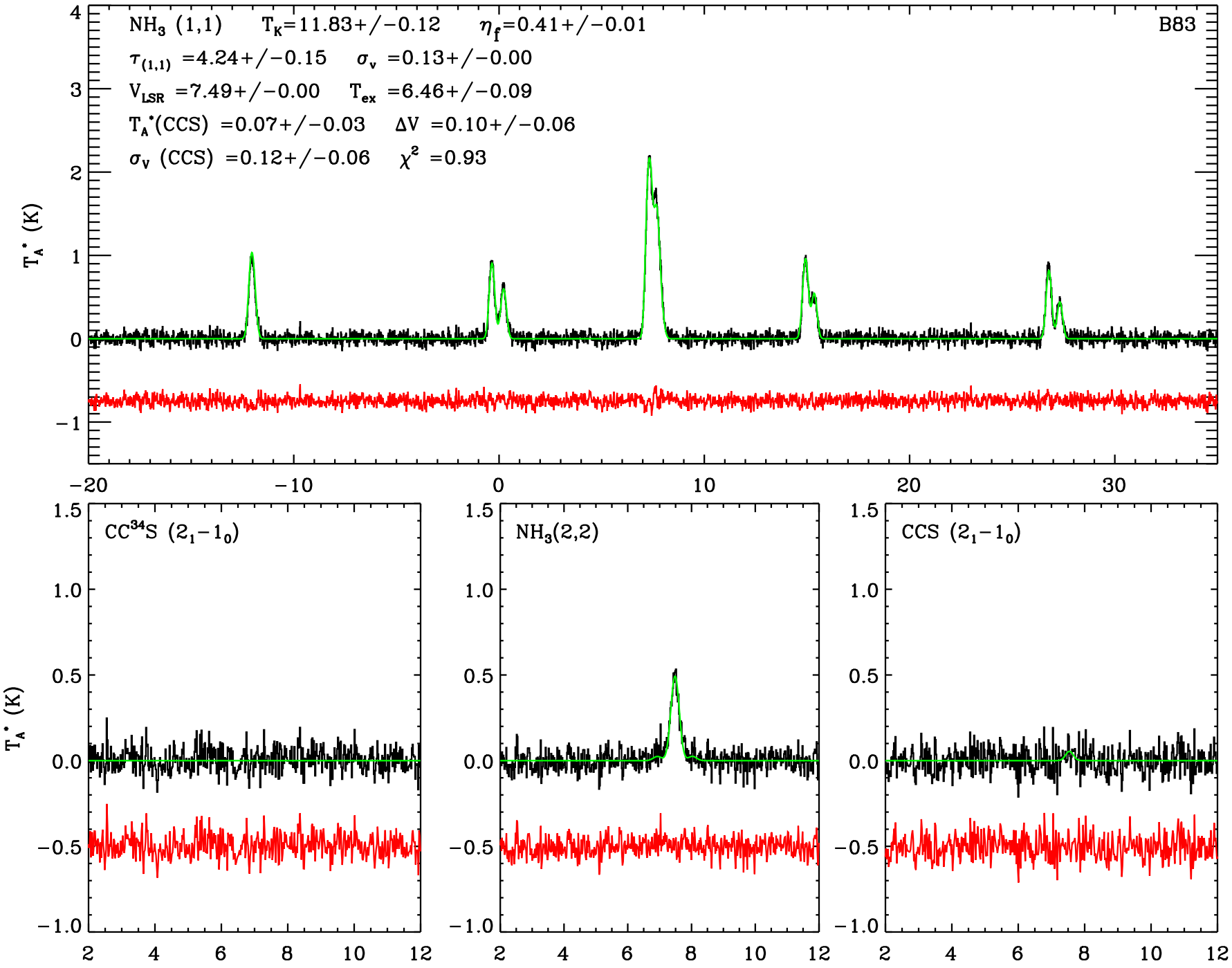

NH3 (1,1) TK=12.84+/−0.94
B79
Tex τ(1,1) =1.02+/−0.04 σv =0.32+/−0.02
VLSR =6.86+/−0.01
TA*(CCS) =0.09+/−0.02 ΔV =−0.07+/−0.08
σV (CCS) =0.35+/−0.08 χ2 =0.93
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

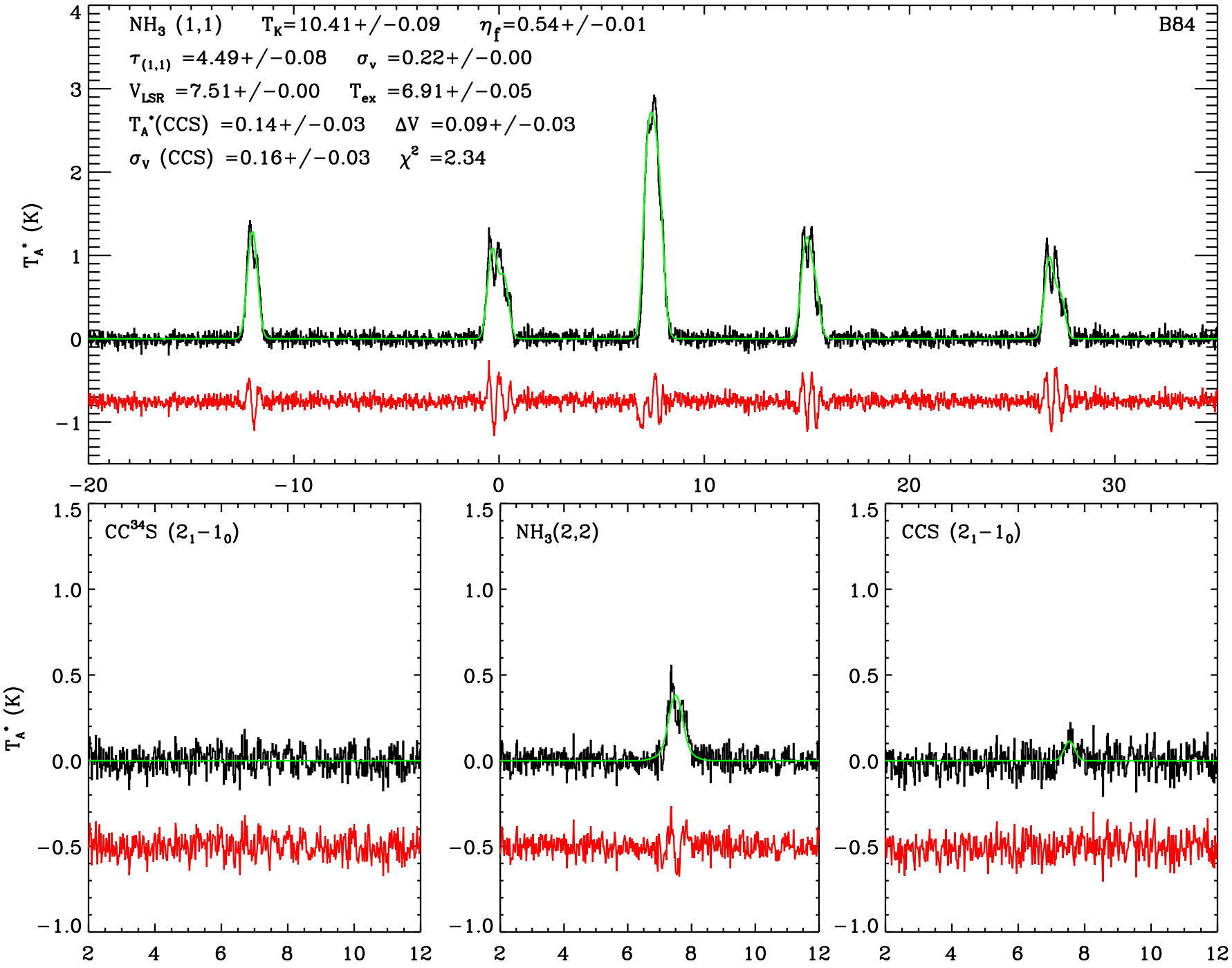

NH3 (1,1) TK=10.67+/−0.10 ηf=0.46+/−0.01
τ(1,1) =4.77+/−0.13 σv =0.13+/−0.00
VLSR =5.08+/−0.00 Tex =6.40+/−0.06
TA*(CCS) =1.00+/−0.02 ΔV =−0.35+/−0.00
σV (CCS) =0.11+/−0.00 χ2 =1.72
B8
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

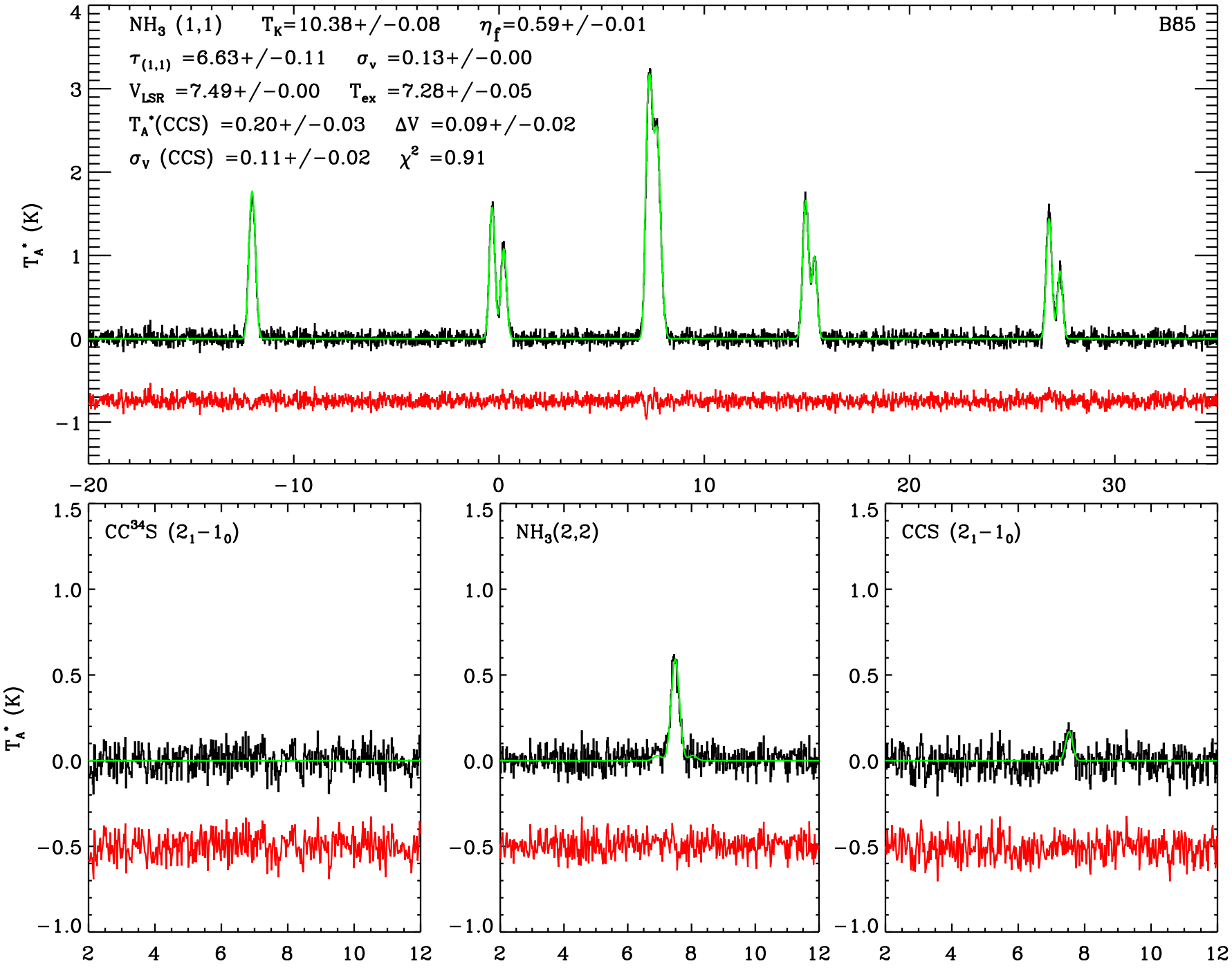

NH3 (1,1) TK=14.40+/−0.10 ηf=0.50+/−0.01
τ(1,1) =2.17+/−0.08 σv =0.31+/−0.00
VLSR =7.79+/−0.00 Tex =8.56+/−0.14
TA*(CCS) =0.15+/−0.06 ΔV =−0.16+/−0.02
σV (CCS) =0.04+/−0.02 χ2 =0.90
B80
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

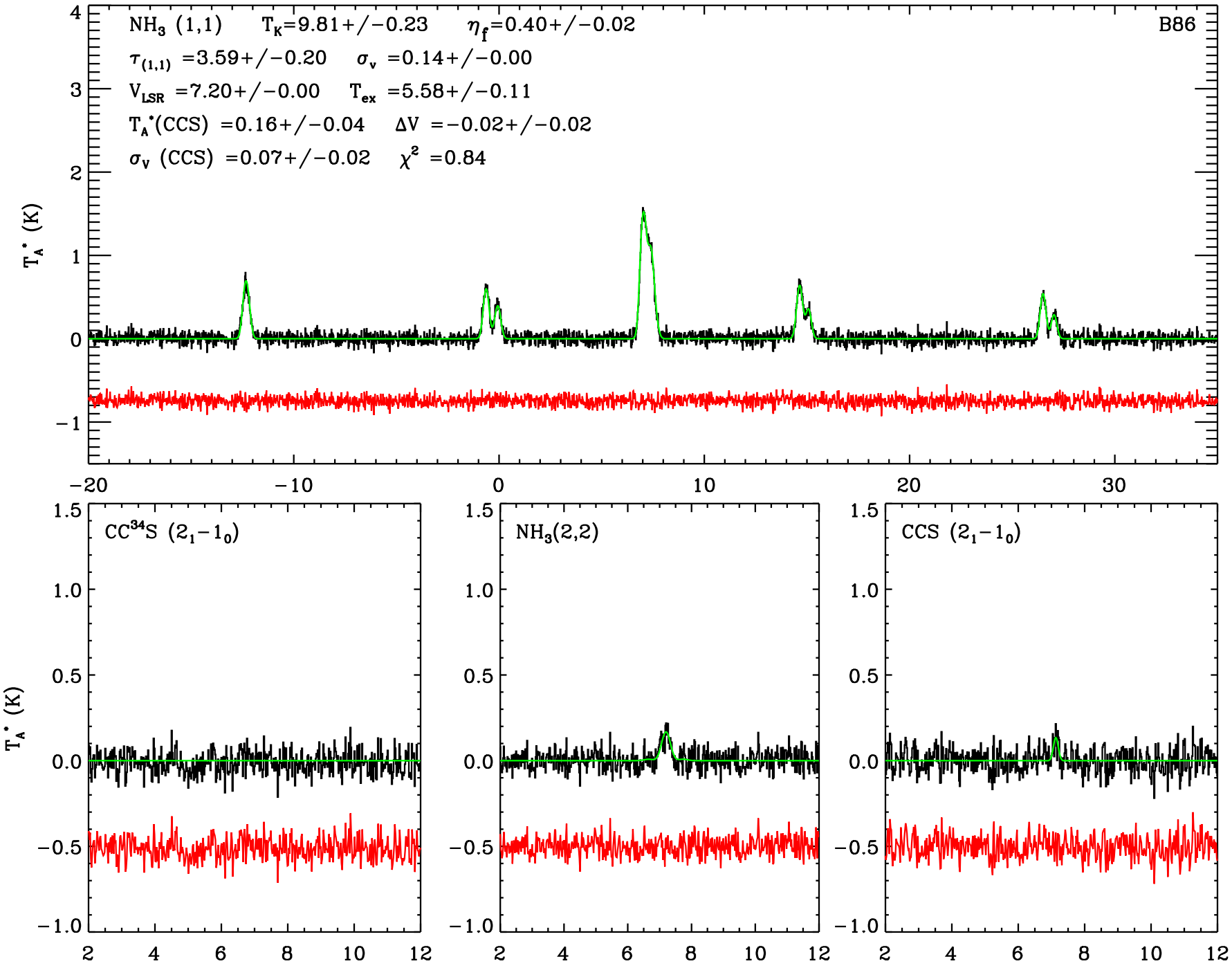

NH3 (1,1) TK=13.26+/−0.24 ηf=0.19+/−0.01
τ(1,1) =3.96+/−0.27 σv =0.15+/−0.00
VLSR =7.48+/−0.00 Tex =4.79+/−0.10
TA*(CCS) =0.00+/−0.00 ΔV =−0.06+/−0.00
σV (CCS) =0.16+/−0.00 χ2 =0.91
B81
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

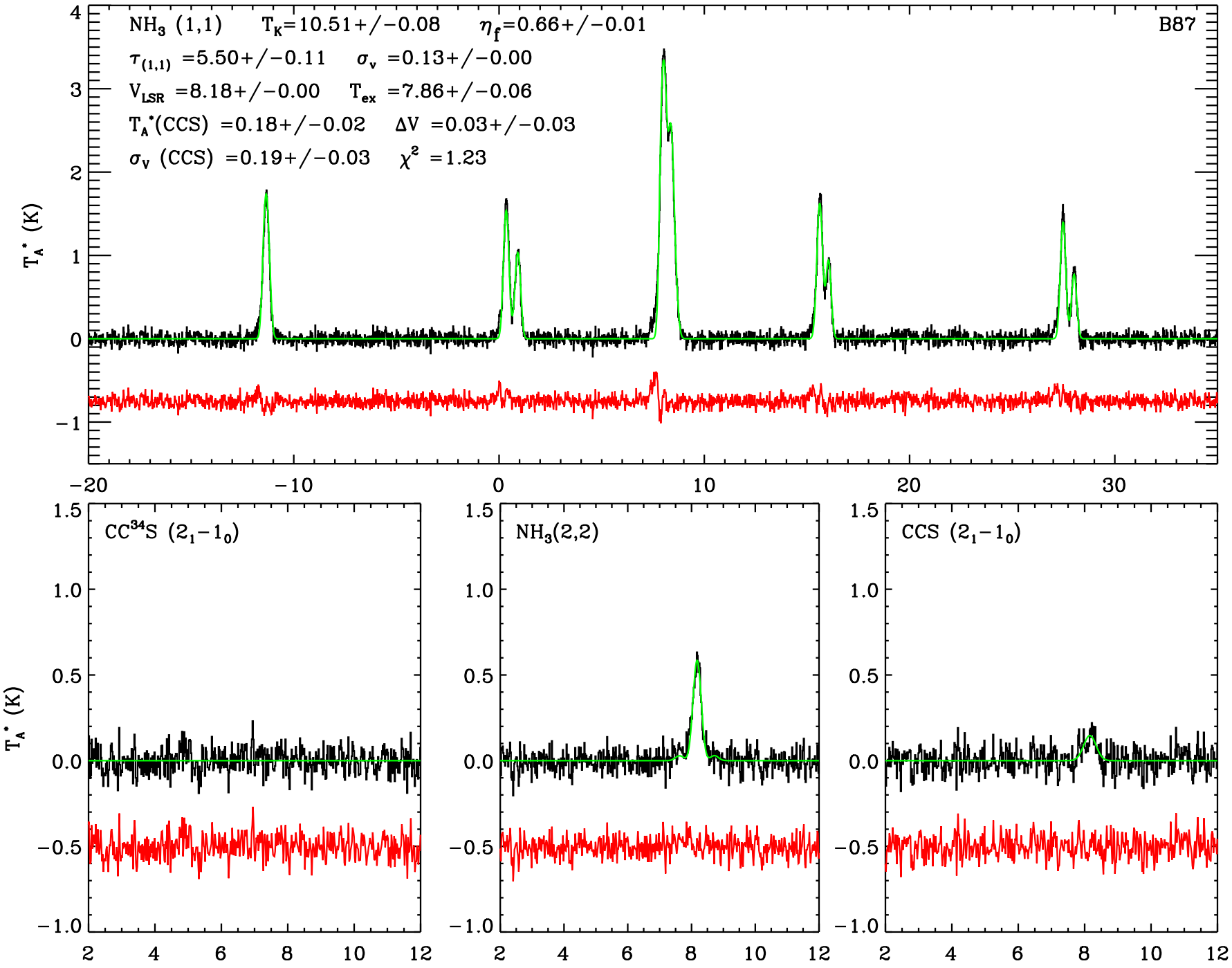

NH3 (1,1) TK=12.29+/−0.12 ηf=0.34+/−0.01
τ(1,1) =2.36+/−0.10 σv =0.29+/−0.00
VLSR =7.15+/−0.00 Tex =5.96+/−0.09
TA*(CCS) =0.00+/−0.00 ΔV =0.04+/−0.00
σV (CCS) =0.22+/−0.00 χ2 =2.26
B82
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

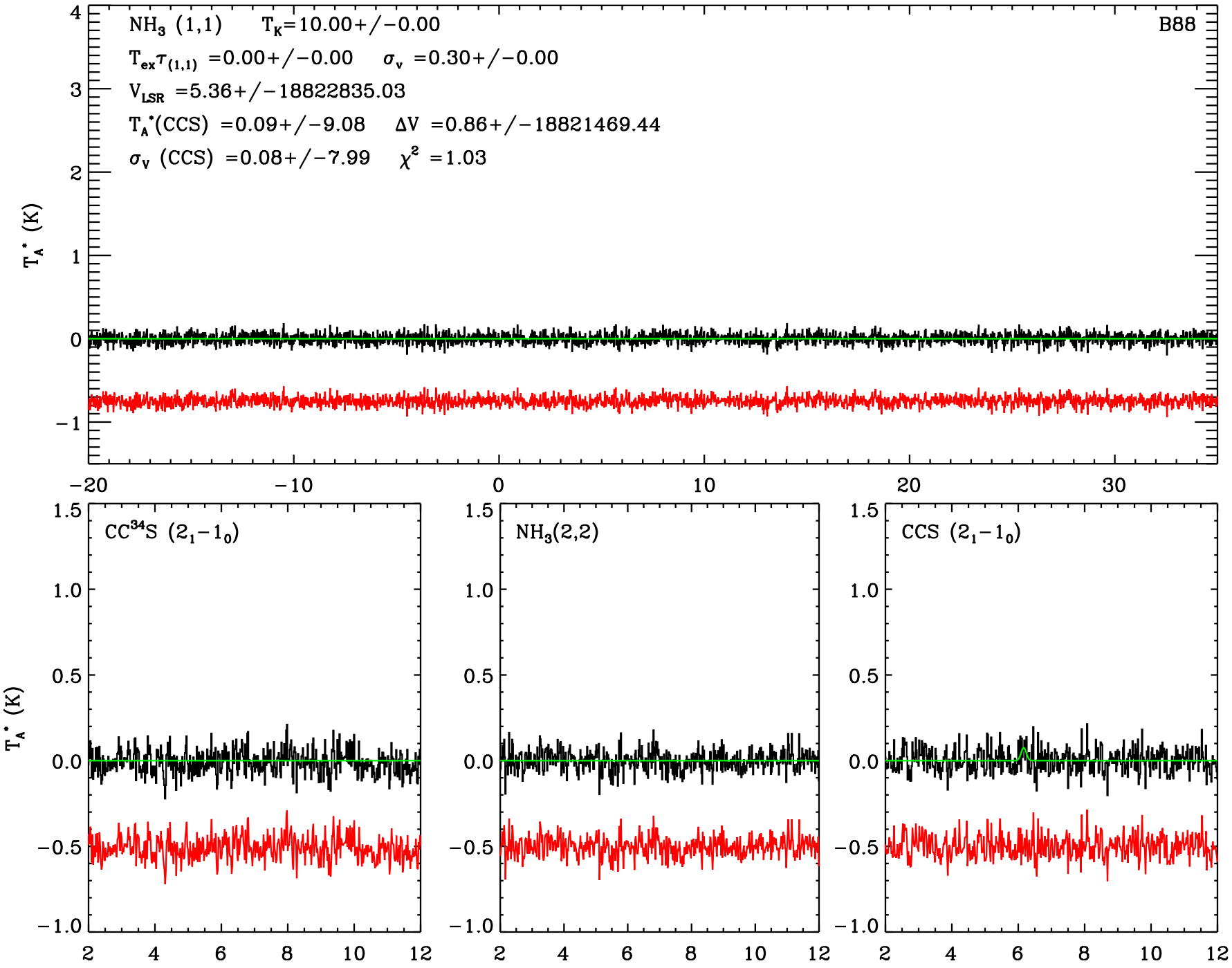

NH3 (1,1) TK=11.83+/−0.12 ηf=0.41+/−0.01
τ(1,1) =4.24+/−0.15 σv =0.13+/−0.00
VLSR =7.49+/−0.00 Tex =6.46+/−0.09
TA*(CCS) =0.07+/−0.03 ΔV =0.10+/−0.06
σV (CCS) =0.12+/−0.06 χ2 =0.93
B83
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

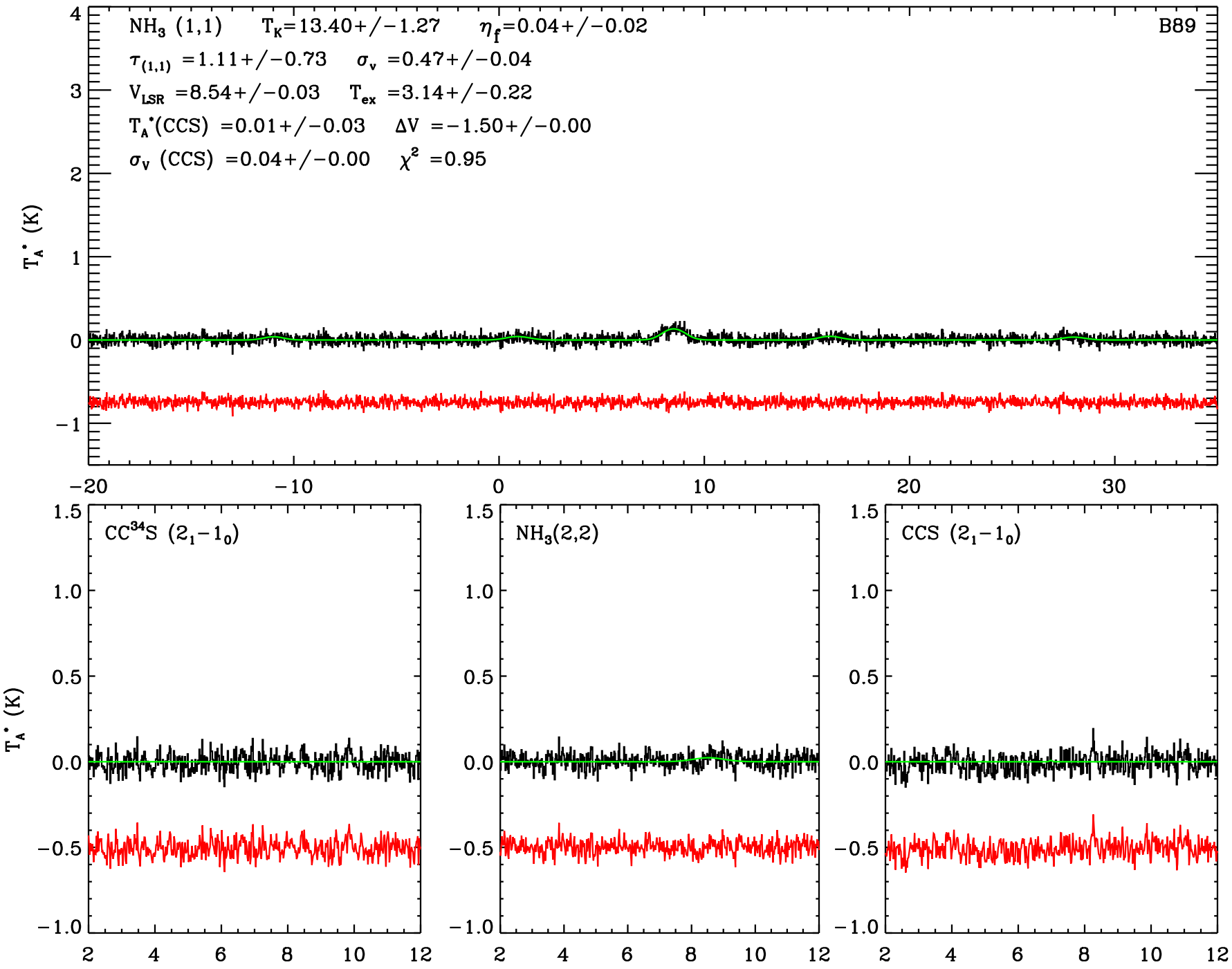

NH3 (1,1) TK=10.41+/−0.09 ηf=0.54+/−0.01
τ(1,1) =4.49+/−0.08 σv =0.22+/−0.00
VLSR =7.51+/−0.00 Tex =6.91+/−0.05
TA*(CCS) =0.14+/−0.03 ΔV =0.09+/−0.03
σV (CCS) =0.16+/−0.03 χ2 =2.34
B84
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

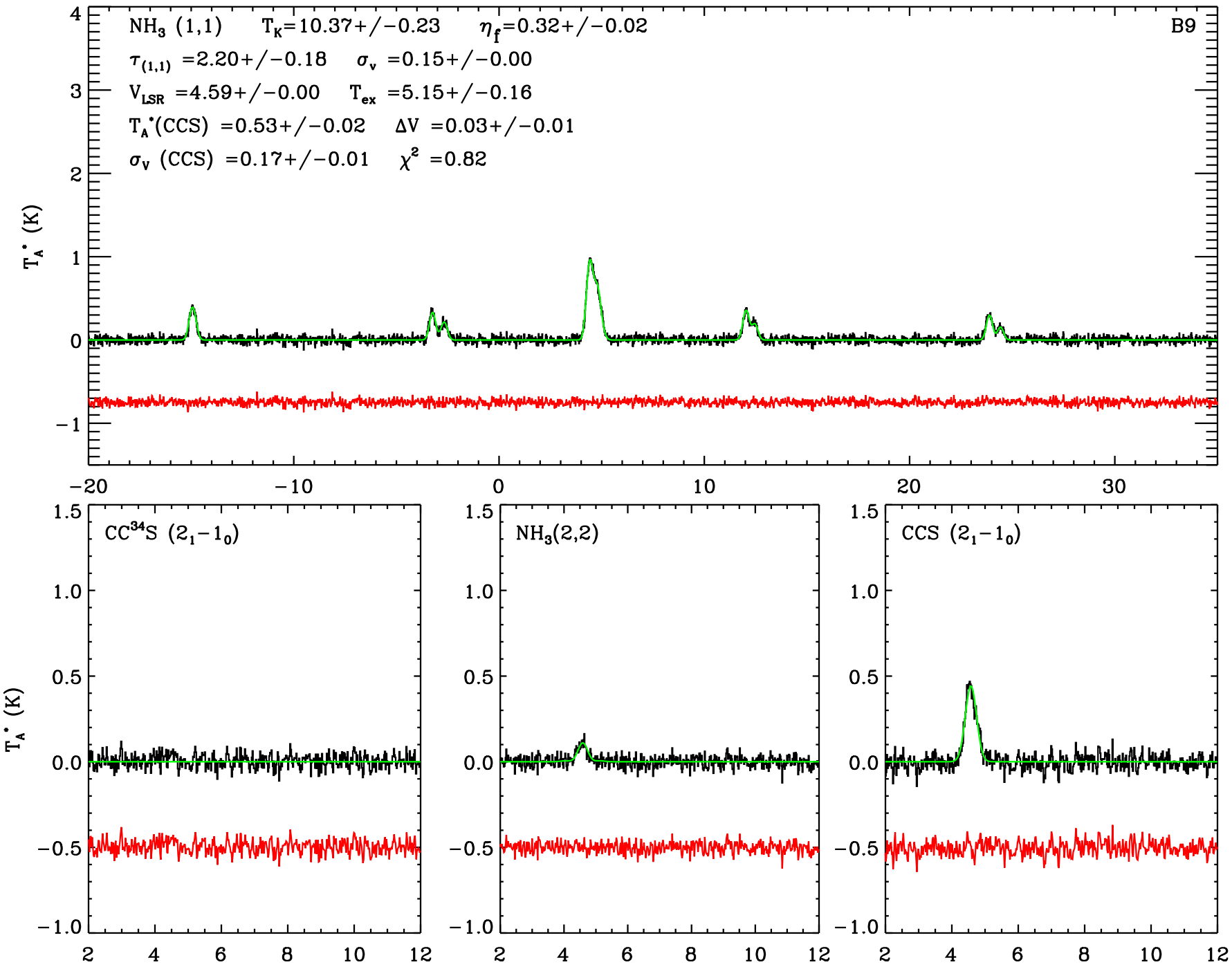

NH3 (1,1) TK=10.38+/−0.08 ηf=0.59+/−0.01
τ(1,1) =6.63+/−0.11 σv =0.13+/−0.00
VLSR =7.49+/−0.00 Tex =7.28+/−0.05
TA*(CCS) =0.20+/−0.03 ΔV =0.09+/−0.02
σV (CCS) =0.11+/−0.02 χ2 =0.91
B85
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

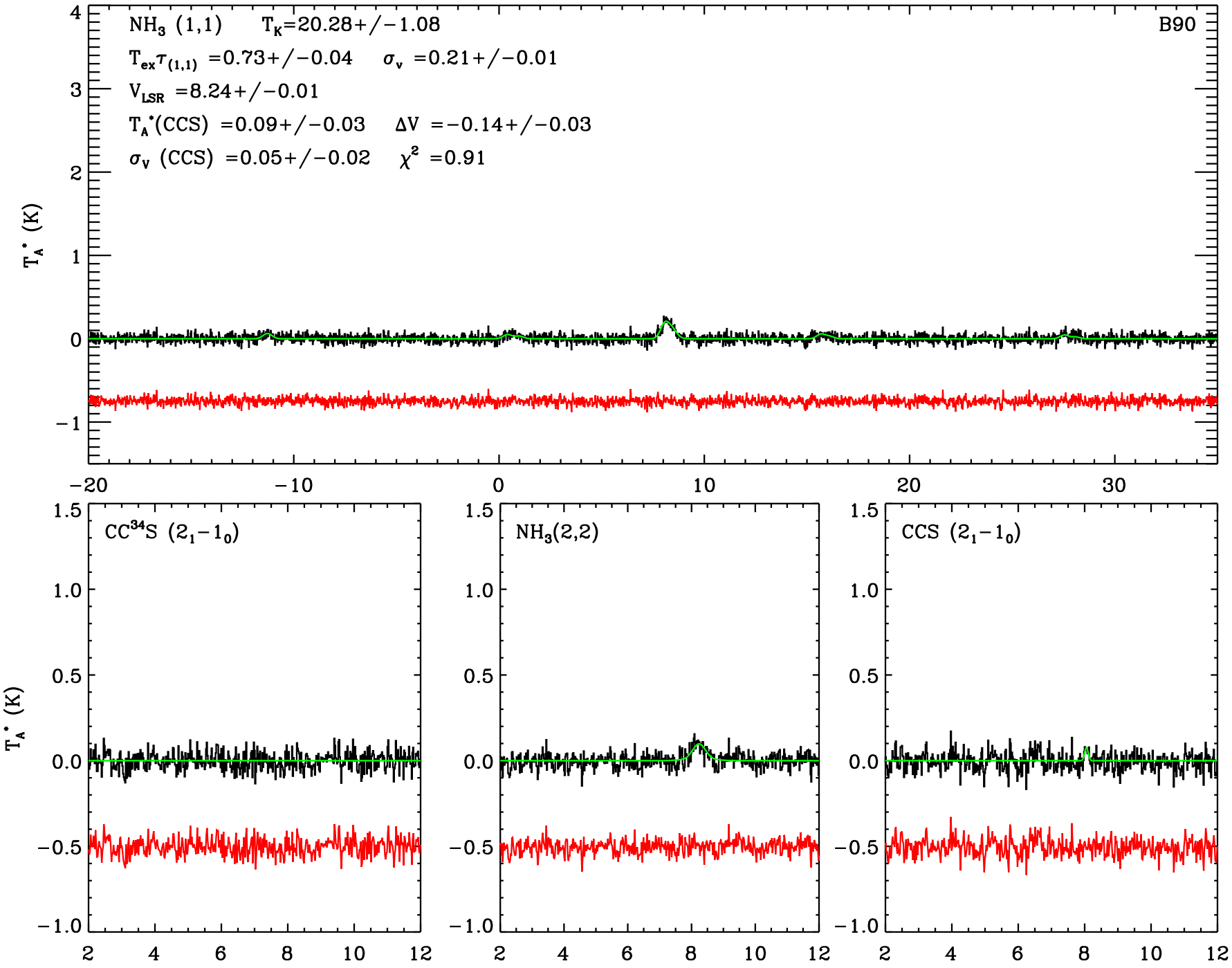

NH3 (1,1) TK=9.81+/−0.23 ηf=0.40+/−0.02
τ(1,1) =3.59+/−0.20 σv =0.14+/−0.00
VLSR =7.20+/−0.00 Tex =5.58+/−0.11
TA*(CCS) =0.16+/−0.04 ΔV =−0.02+/−0.02
σV (CCS) =0.07+/−0.02 χ2 =0.84
B86
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

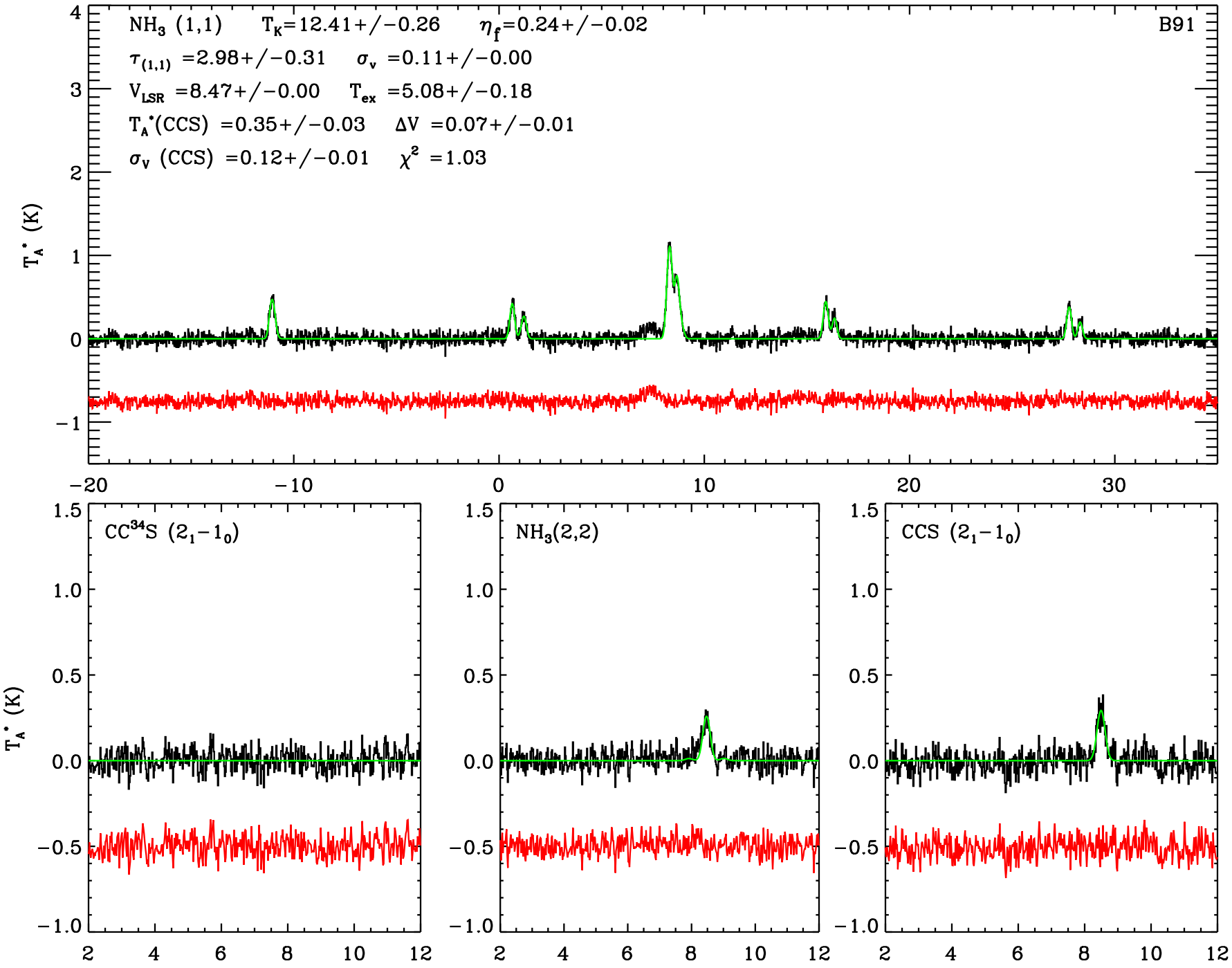

NH3 (1,1) TK=10.51+/−0.08 ηf=0.66+/−0.01
τ(1,1) =5.50+/−0.11 σv =0.13+/−0.00
VLSR =8.18+/−0.00 Tex =7.86+/−0.06
TA*(CCS) =0.18+/−0.02 ΔV =0.03+/−0.03
σV (CCS) =0.19+/−0.03 χ2 =1.23
B87
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

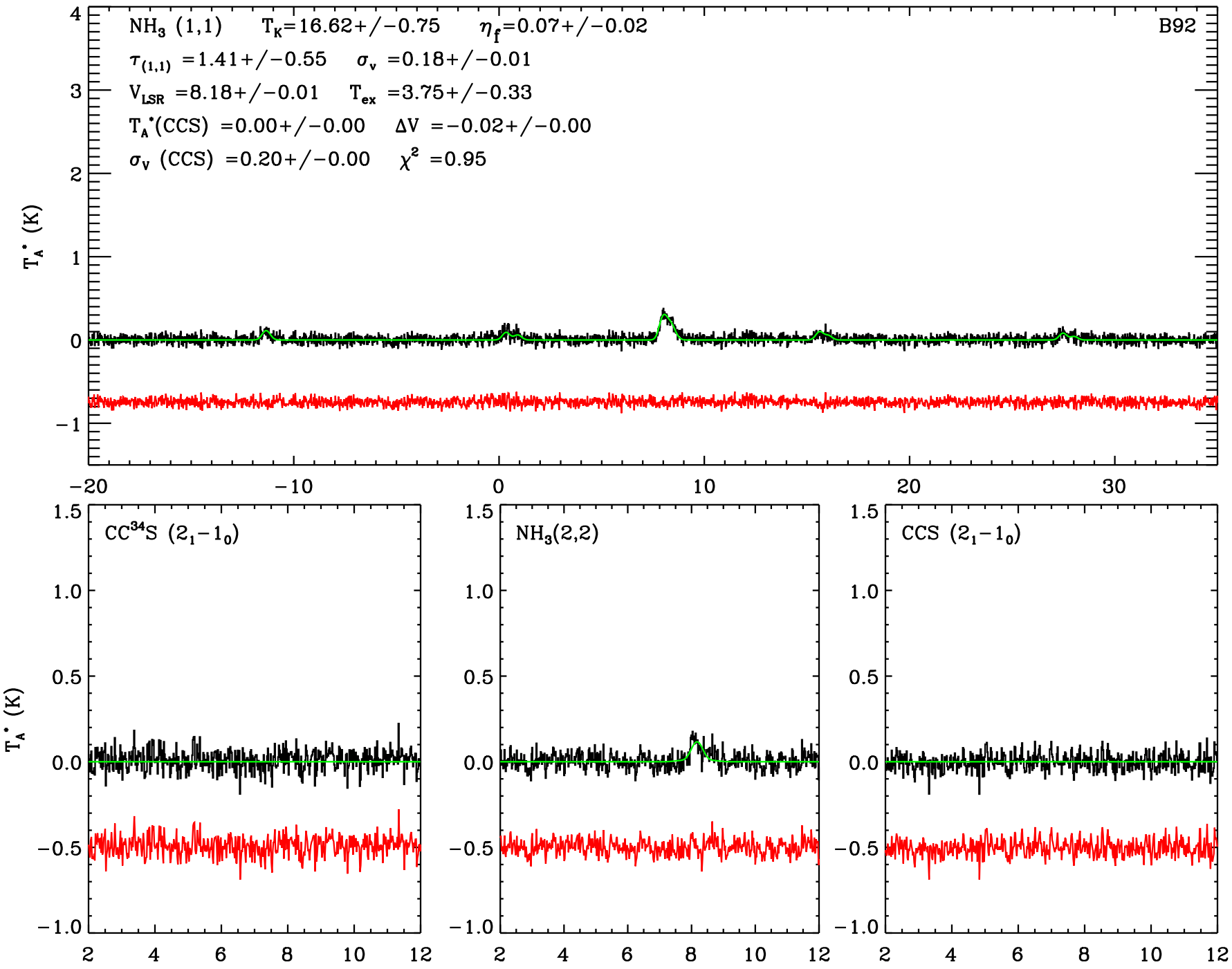

NH3 (1,1) TK=10.00+/−0.00
B88
Tex τ(1,1) =0.00+/−0.00 σv =0.30+/−0.00
VLSR =5.36+/−18822835.03
TA*(CCS) =0.09+/−9.08 ΔV =0.86+/−18821469.44
σV (CCS) =0.08+/−7.99 χ2 =1.03
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

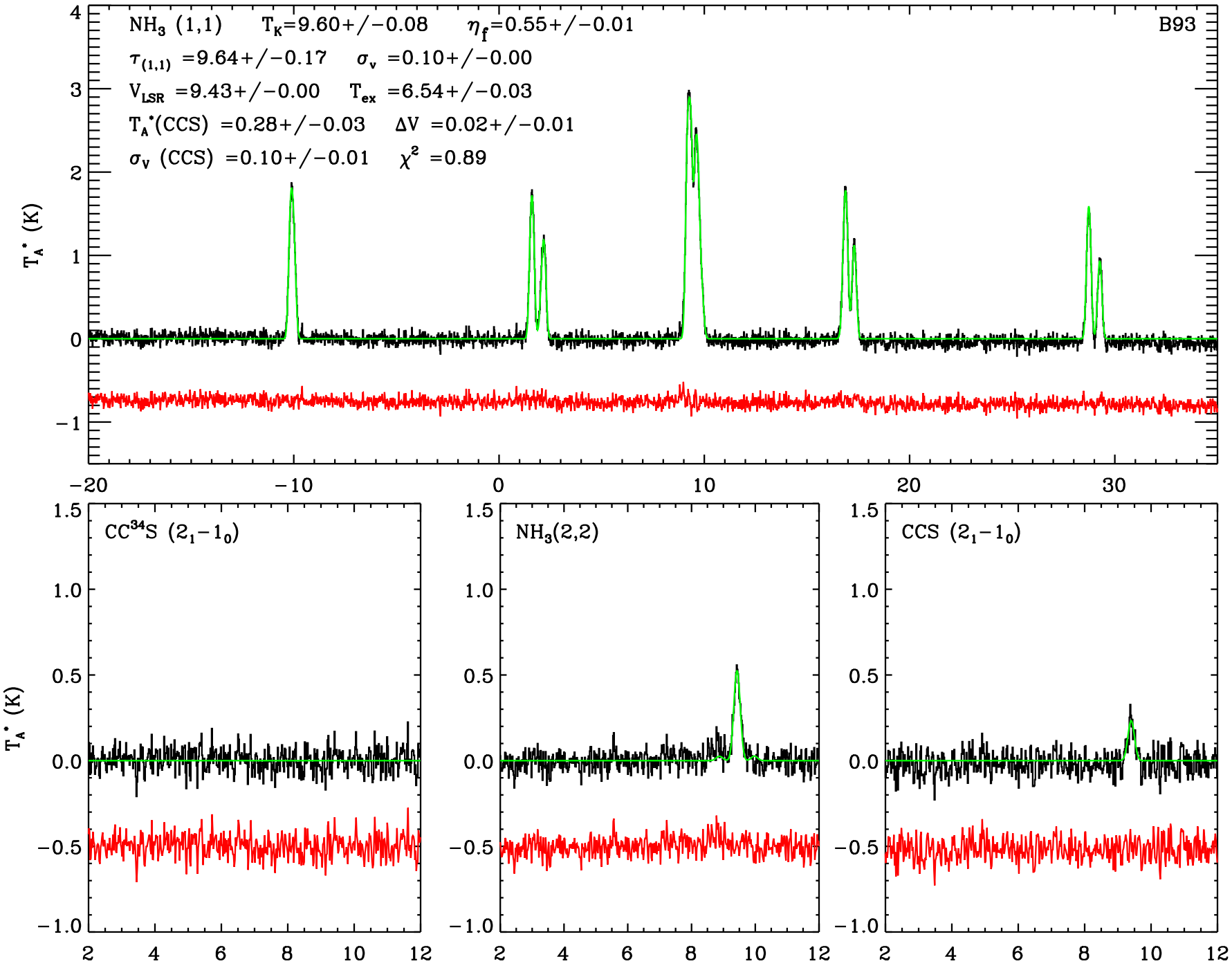

NH3 (1,1) TK=13.40+/−1.27 ηf=0.04+/−0.02
B89
τ(1,1) =1.11+/−0.73 σv =0.47+/−0.04
VLSR =8.54+/−0.03 Tex =3.14+/−0.22
TA*(CCS) =0.01+/−0.03 ΔV =−1.50+/−0.00
σV (CCS) =0.04+/−0.00 χ2 =0.95
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

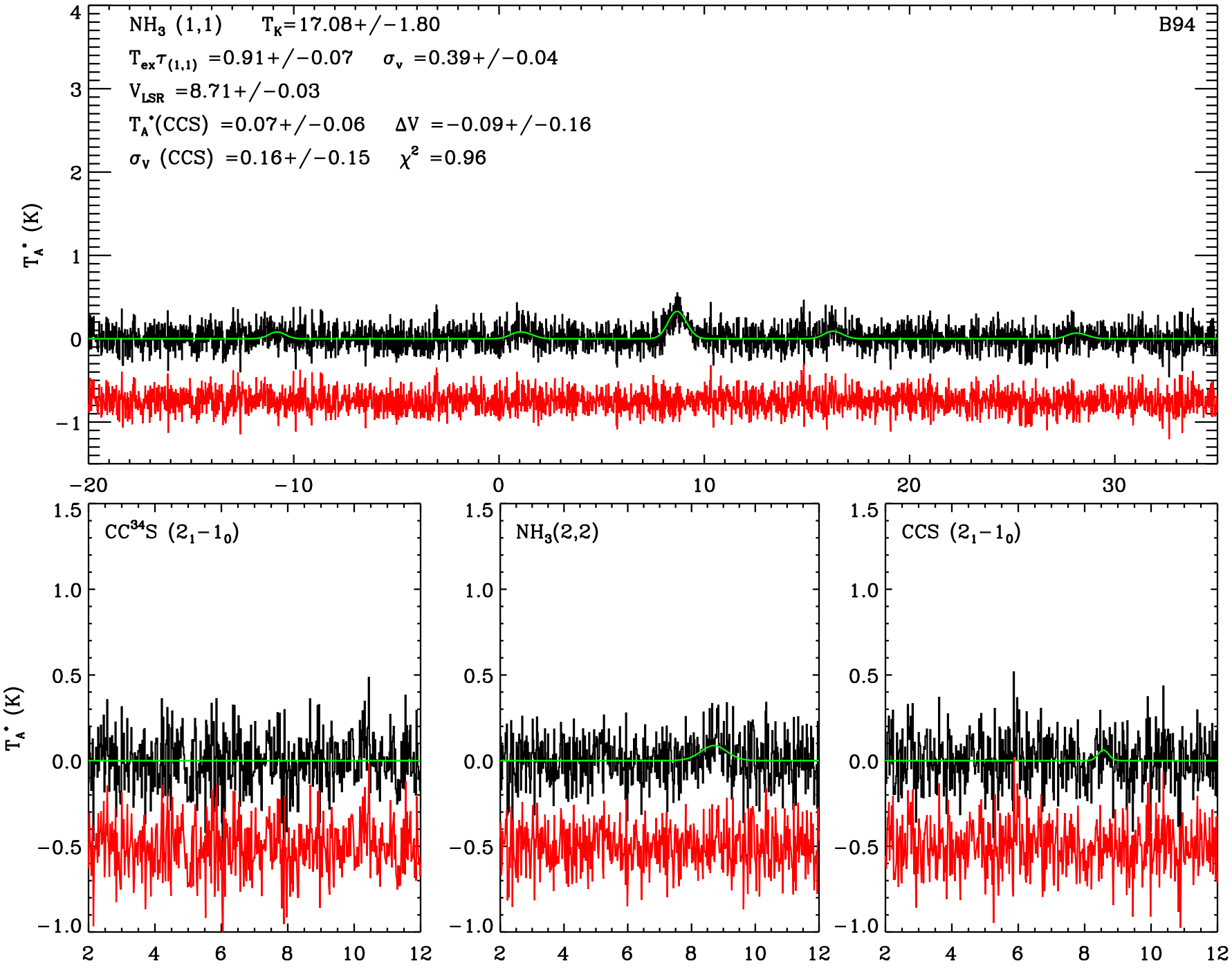

NH3 (1,1) TK=10.37+/−0.23 ηf=0.32+/−0.02
τ(1,1) =2.20+/−0.18 σv =0.15+/−0.00
VLSR =4.59+/−0.00 Tex =5.15+/−0.16
TA*(CCS) =0.53+/−0.02 ΔV =0.03+/−0.01
σV (CCS) =0.17+/−0.01 χ2 =0.82
B9
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

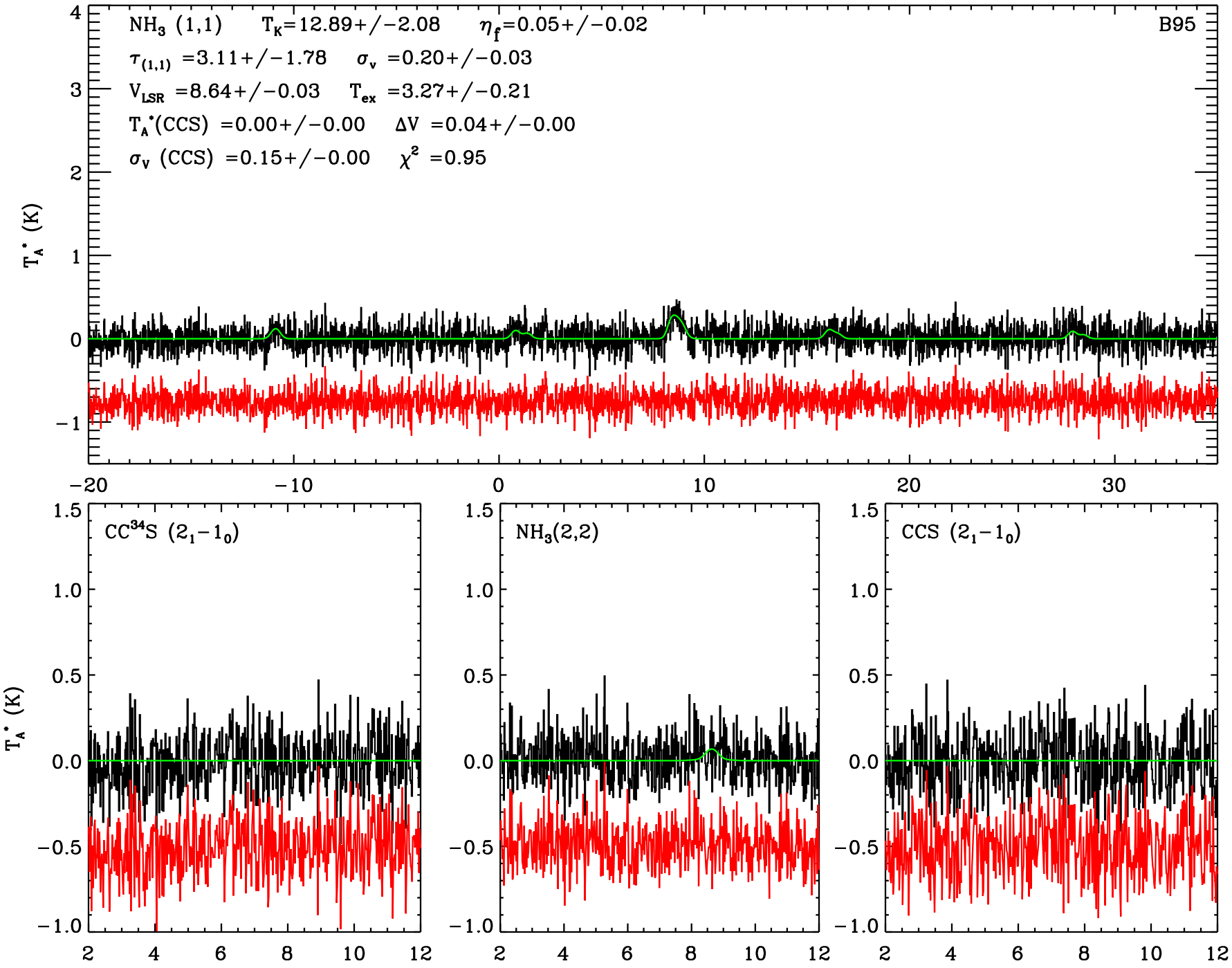

NH3 (1,1) TK=20.28+/−1.08
B90
Tex τ(1,1) =0.73+/−0.04 σv =0.21+/−0.01
VLSR =8.24+/−0.01
TA*(CCS) =0.09+/−0.03 ΔV =−0.14+/−0.03
σV (CCS) =0.05+/−0.02 χ2 =0.91
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

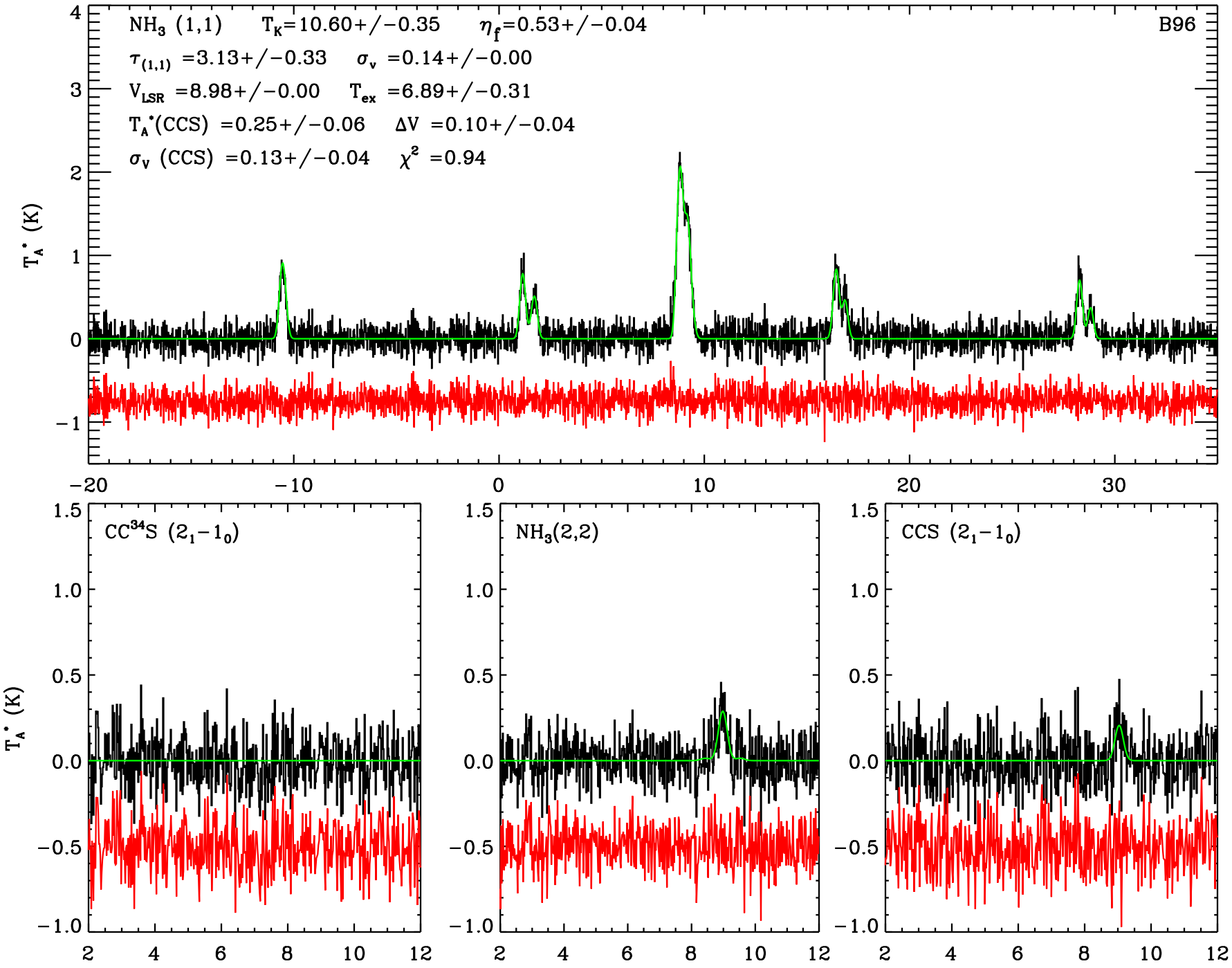

NH3 (1,1) TK=12.41+/−0.26 ηf=0.24+/−0.02
τ(1,1) =2.98+/−0.31 σv =0.11+/−0.00
VLSR =8.47+/−0.00 Tex =5.08+/−0.18
TA*(CCS) =0.35+/−0.03 ΔV =0.07+/−0.01
σV (CCS) =0.12+/−0.01 χ2 =1.03
B91
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

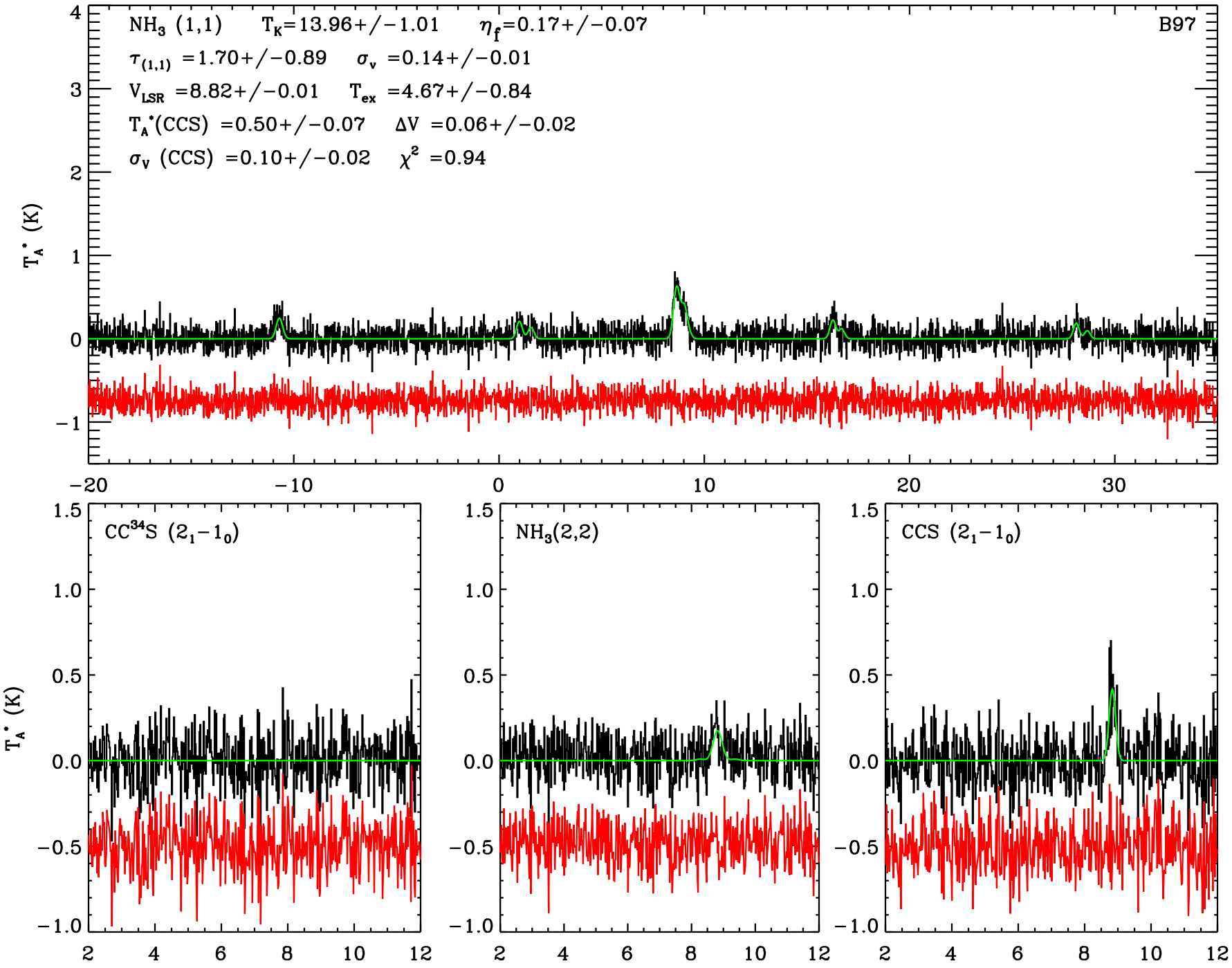

NH3 (1,1) TK=16.62+/−0.75 ηf=0.07+/−0.02
τ(1,1) =1.41+/−0.55 σv =0.18+/−0.01
VLSR =8.18+/−0.01 Tex =3.75+/−0.33
TA*(CCS) =0.00+/−0.00 ΔV =−0.02+/−0.00
σV (CCS) =0.20+/−0.00 χ2 =0.95
B92
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

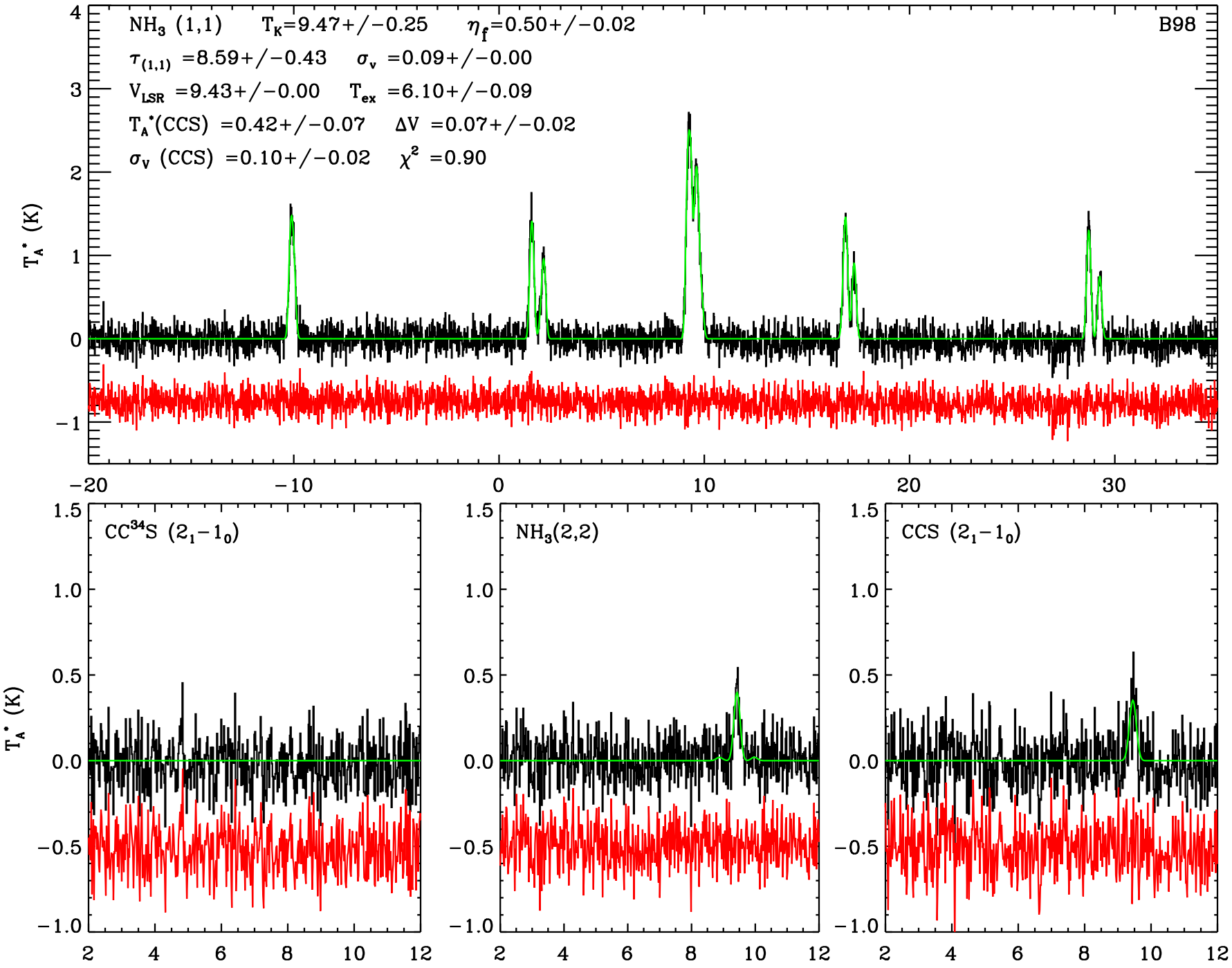

NH3 (1,1) TK=9.60+/−0.08 ηf=0.55+/−0.01
τ(1,1) =9.64+/−0.17 σv =0.10+/−0.00
VLSR =9.43+/−0.00 Tex =6.54+/−0.03
TA*(CCS) =0.28+/−0.03 ΔV =0.02+/−0.01
σV (CCS) =0.10+/−0.01 χ2 =0.89
B93
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

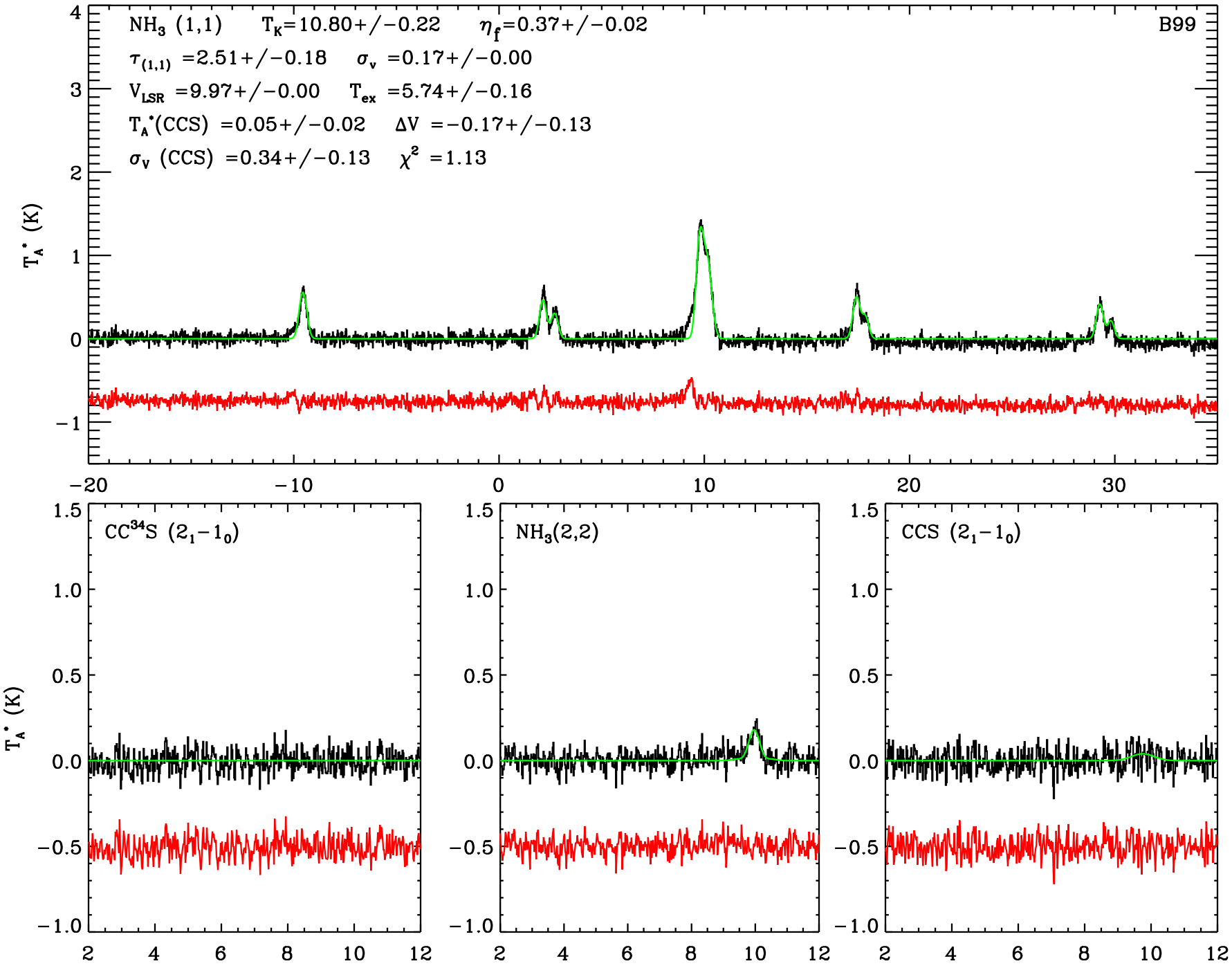

NH3 (1,1) TK=17.08+/−1.80
B94
Tex τ(1,1) =0.91+/−0.07 σv =0.39+/−0.04
VLSR =8.71+/−0.03
TA*(CCS) =0.07+/−0.06 ΔV =−0.09+/−0.16
σV (CCS) =0.16+/−0.15 χ2 =0.96
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

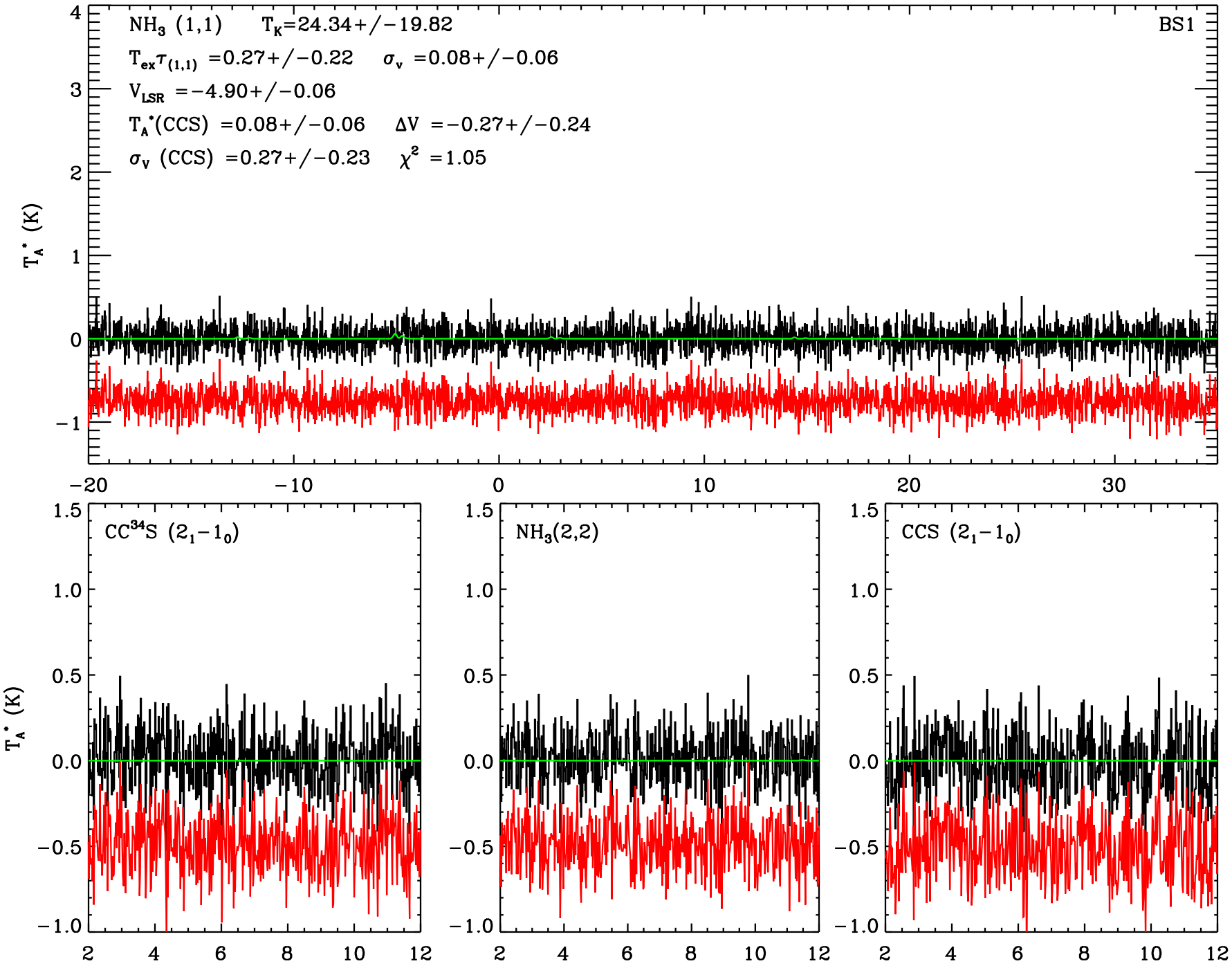

NH3 (1,1) TK=12.89+/−2.08 ηf=0.05+/−0.02
τ(1,1) =3.11+/−1.78 σv =0.20+/−0.03
VLSR =8.64+/−0.03 Tex =3.27+/−0.21
TA*(CCS) =0.00+/−0.00 ΔV =0.04+/−0.00
σV (CCS) =0.15+/−0.00 χ2 =0.95
B95
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

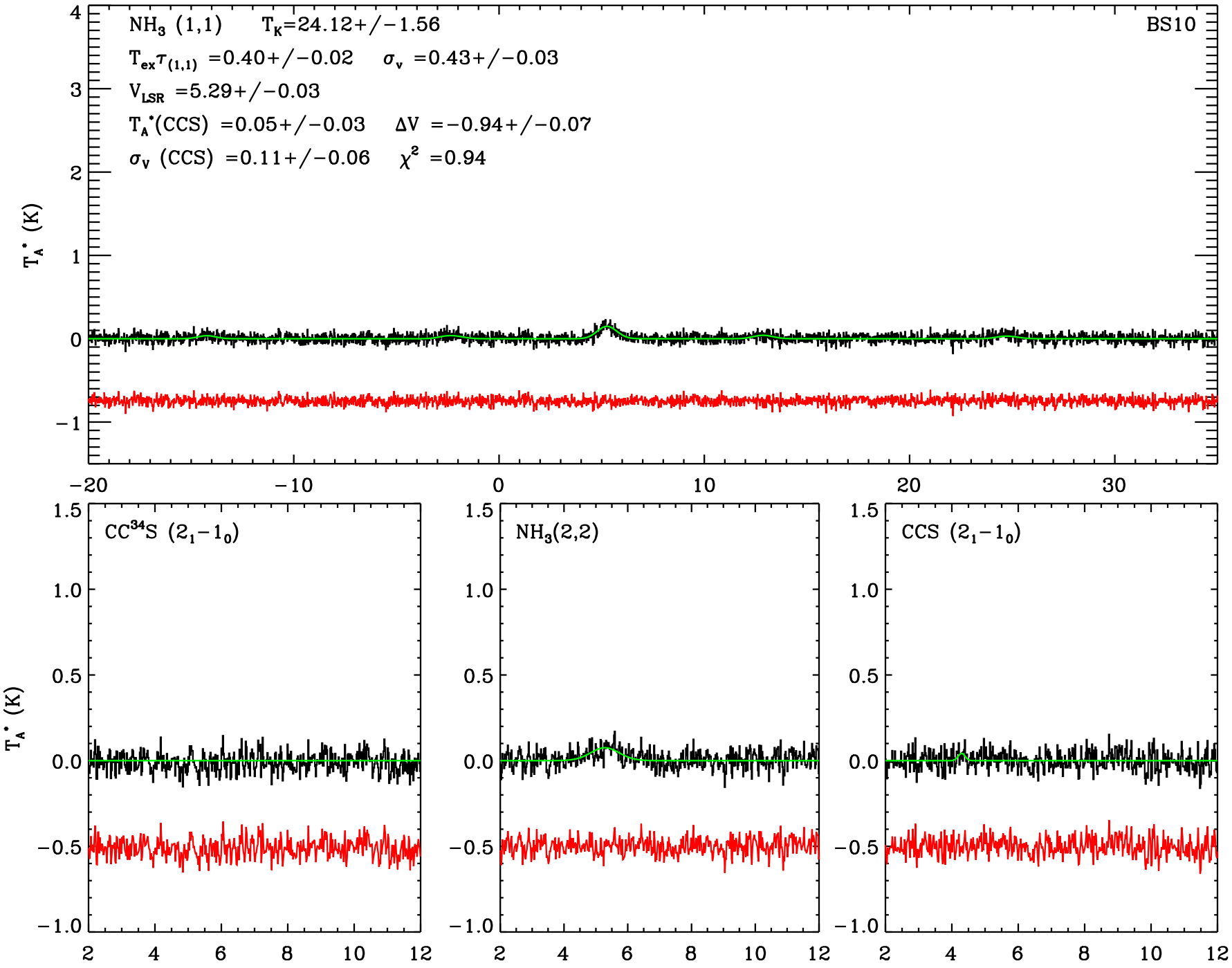

NH3 (1,1) TK=10.60+/−0.35 ηf=0.53+/−0.04
τ(1,1) =3.13+/−0.33 σv =0.14+/−0.00
VLSR =8.98+/−0.00 Tex =6.89+/−0.31
TA*(CCS) =0.25+/−0.06 ΔV =0.10+/−0.04
σV (CCS) =0.13+/−0.04 χ2 =0.94
B96
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

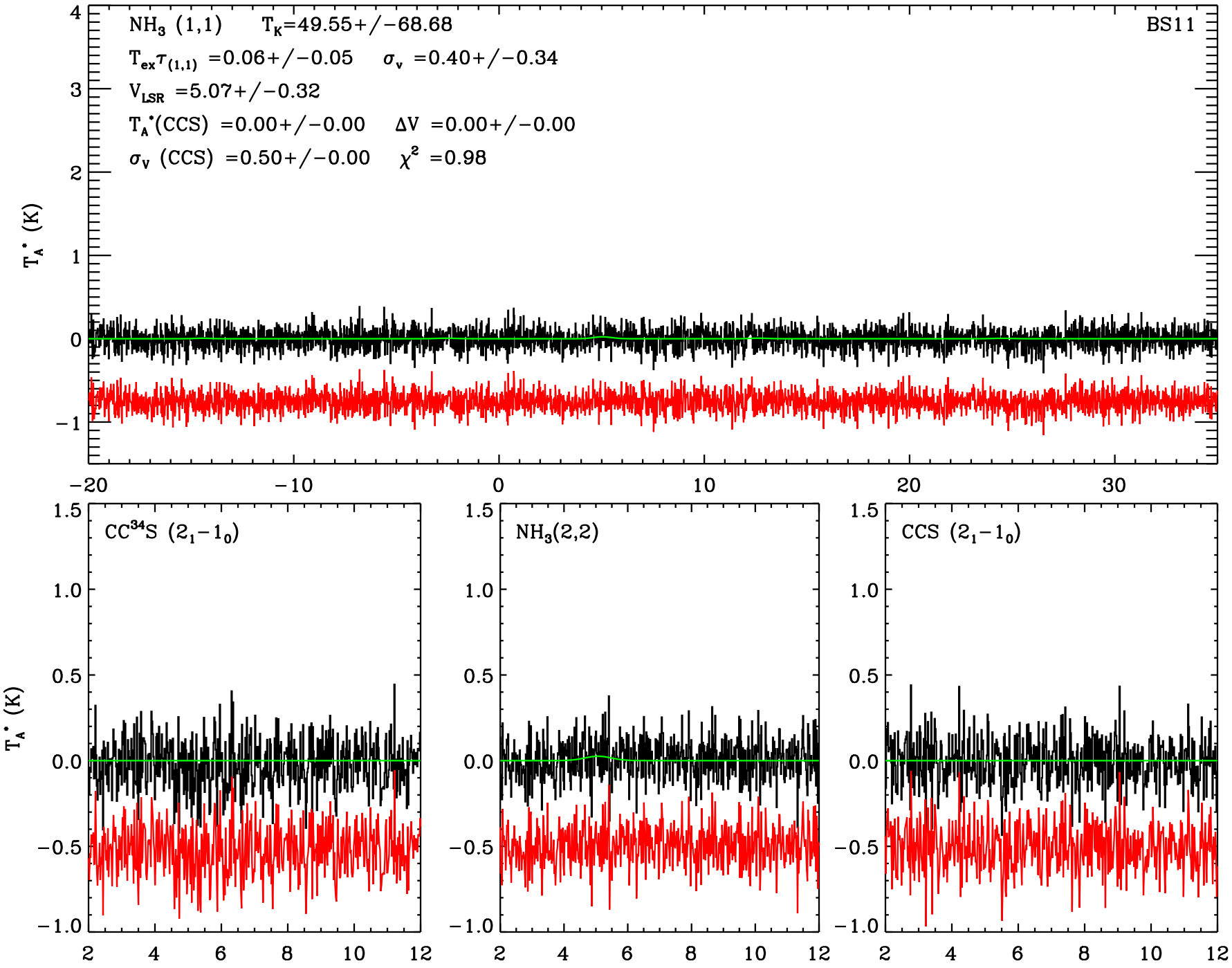

NH3 (1,1) TK=13.96+/−1.01 ηf=0.17+/−0.07
τ(1,1) =1.70+/−0.89 σv =0.14+/−0.01
VLSR =8.82+/−0.01 Tex =4.67+/−0.84
TA*(CCS) =0.50+/−0.07 ΔV =0.06+/−0.02
σV (CCS) =0.10+/−0.02 χ2 =0.94
B97
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

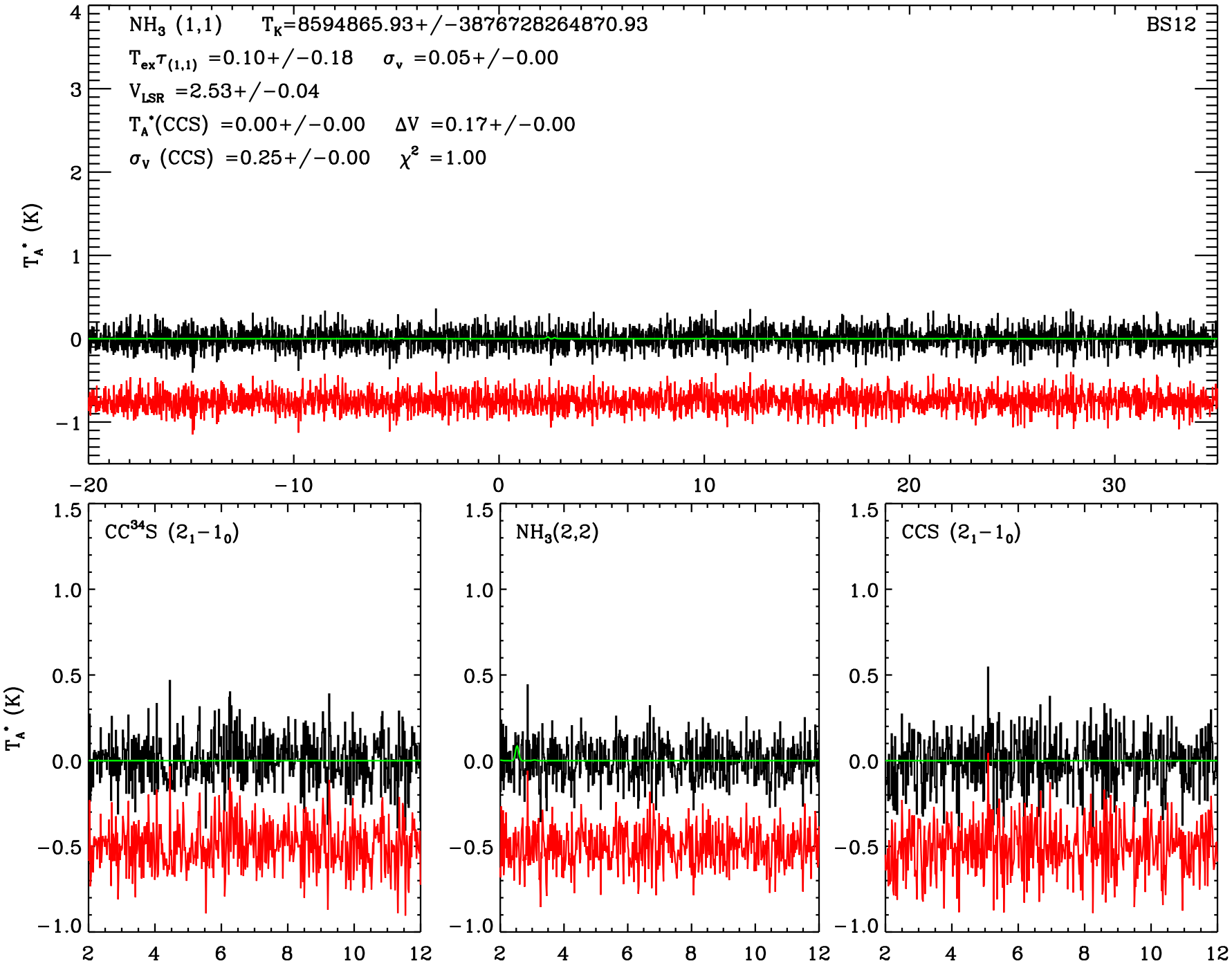

NH3 (1,1) TK=9.47+/−0.25 ηf=0.50+/−0.02
τ(1,1) =8.59+/−0.43 σv =0.09+/−0.00
VLSR =9.43+/−0.00 Tex =6.10+/−0.09
TA*(CCS) =0.42+/−0.07 ΔV =0.07+/−0.02
σV (CCS) =0.10+/−0.02 χ2 =0.90
B98
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

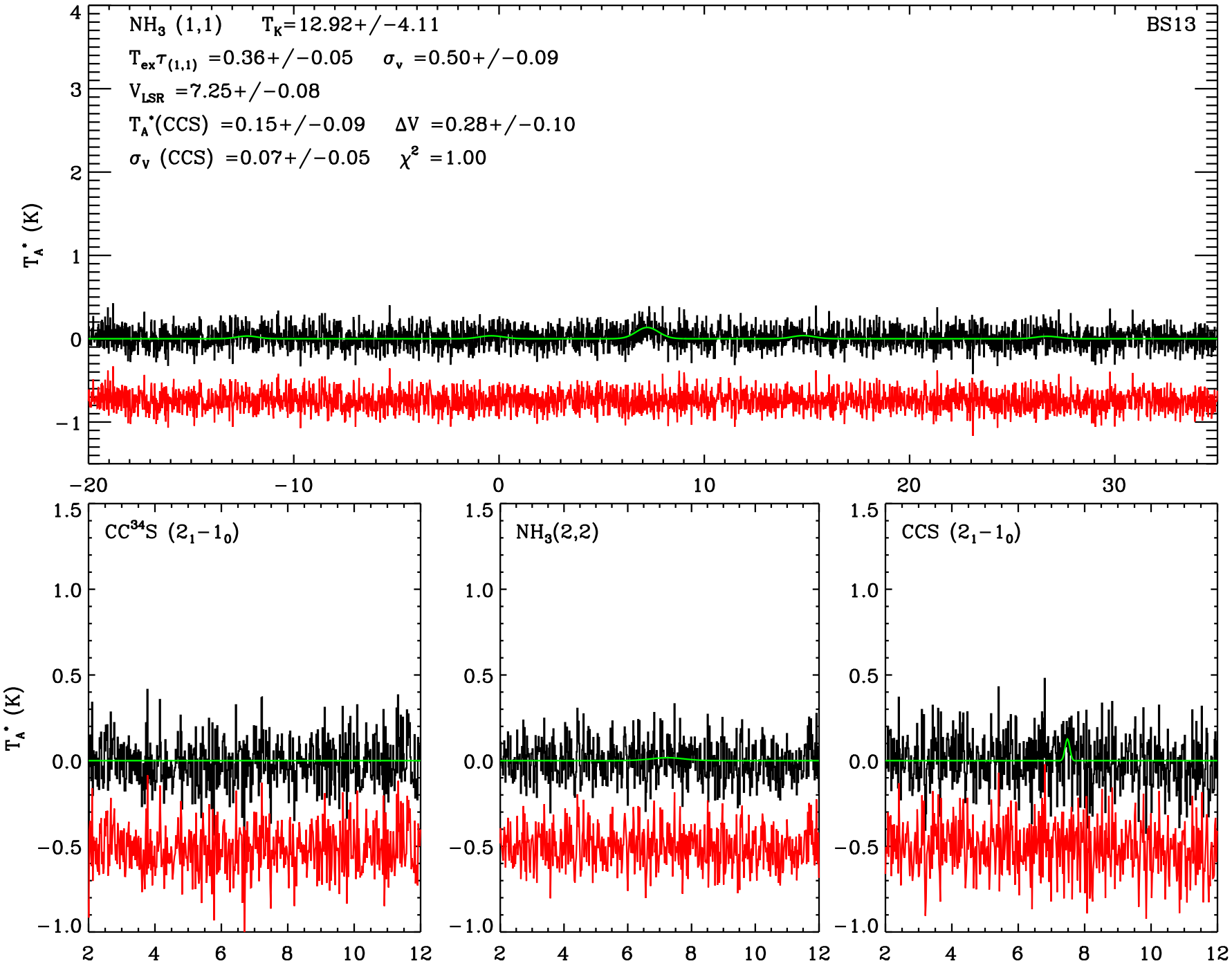

NH3 (1,1) TK=10.80+/−0.22 ηf=0.37+/−0.02
τ(1,1) =2.51+/−0.18 σv =0.17+/−0.00
VLSR =9.97+/−0.00 Tex =5.74+/−0.16
TA*(CCS) =0.05+/−0.02 ΔV =−0.17+/−0.13
σV (CCS) =0.34+/−0.13 χ2 =1.13
B99
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

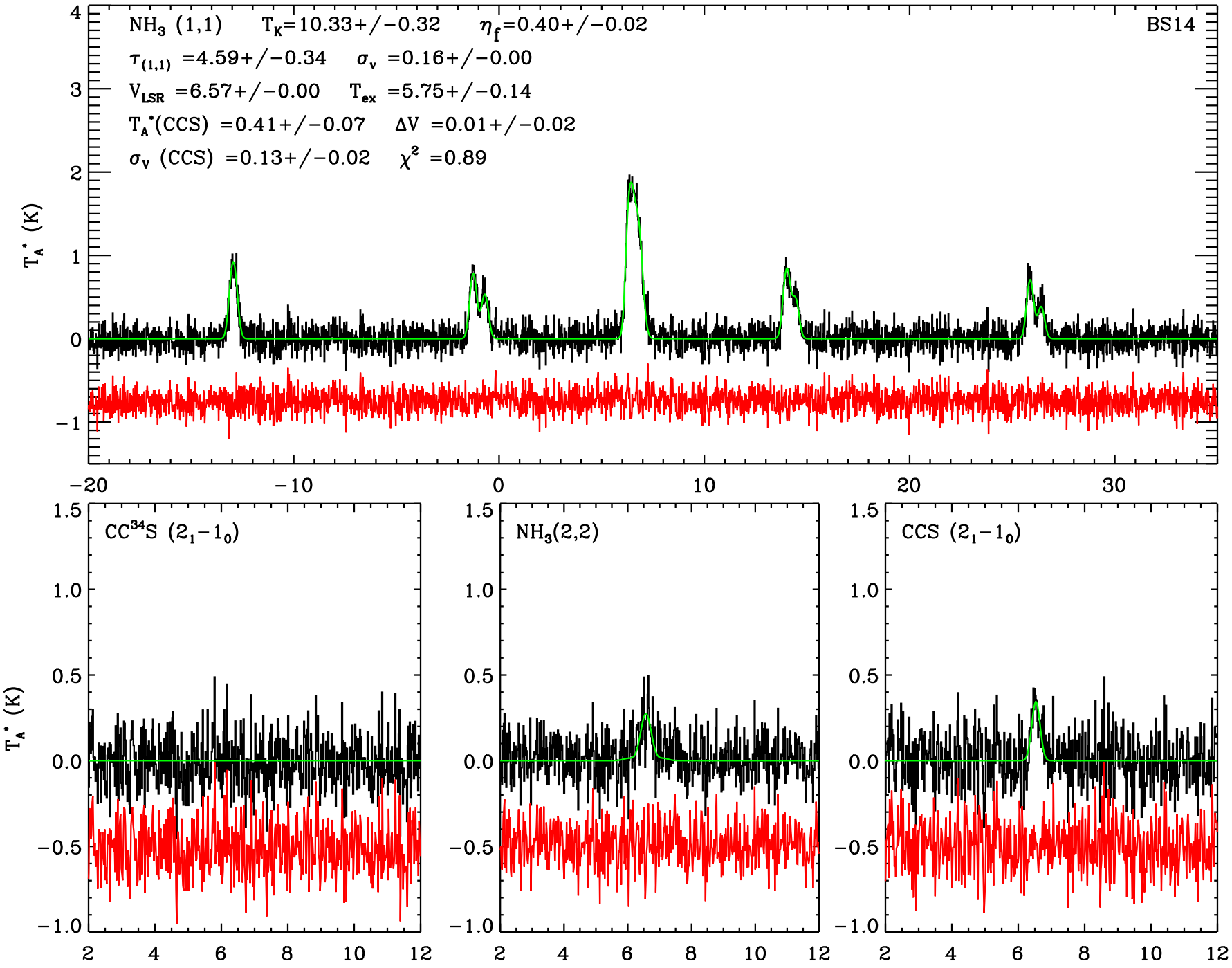

NH3 (1,1) TK=24.34+/−19.82
BS1
Tex τ(1,1) =0.27+/−0.22 σv =0.08+/−0.06
VLSR =−4.90+/−0.06
TA*(CCS) =0.08+/−0.06 ΔV =−0.27+/−0.24
σV (CCS) =0.27+/−0.23 χ2 =1.05
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

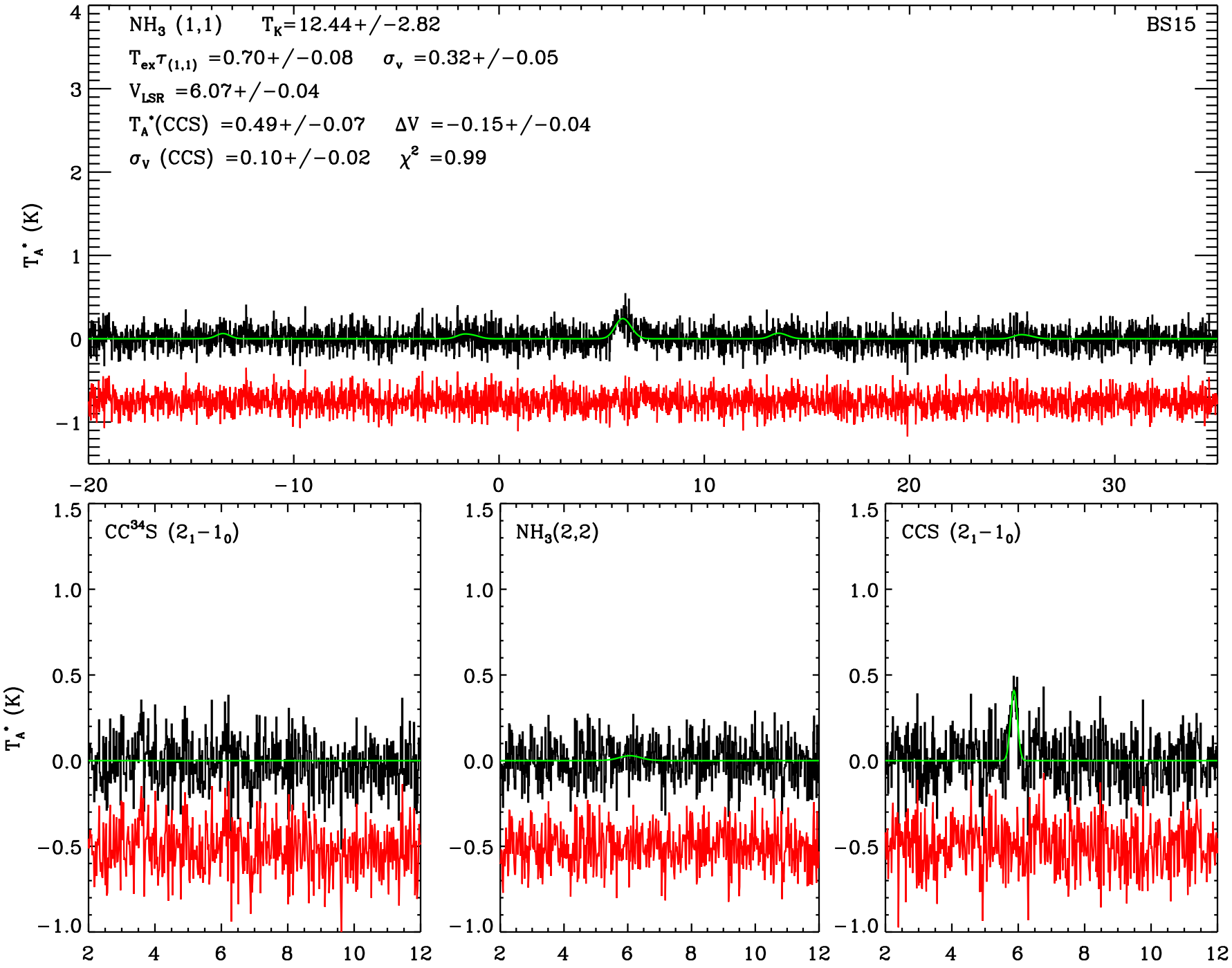

NH3 (1,1) TK=24.12+/−1.56
BS10
Tex τ(1,1) =0.40+/−0.02 σv =0.43+/−0.03
VLSR =5.29+/−0.03
TA*(CCS) =0.05+/−0.03 ΔV =−0.94+/−0.07
σV (CCS) =0.11+/−0.06 χ2 =0.94
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

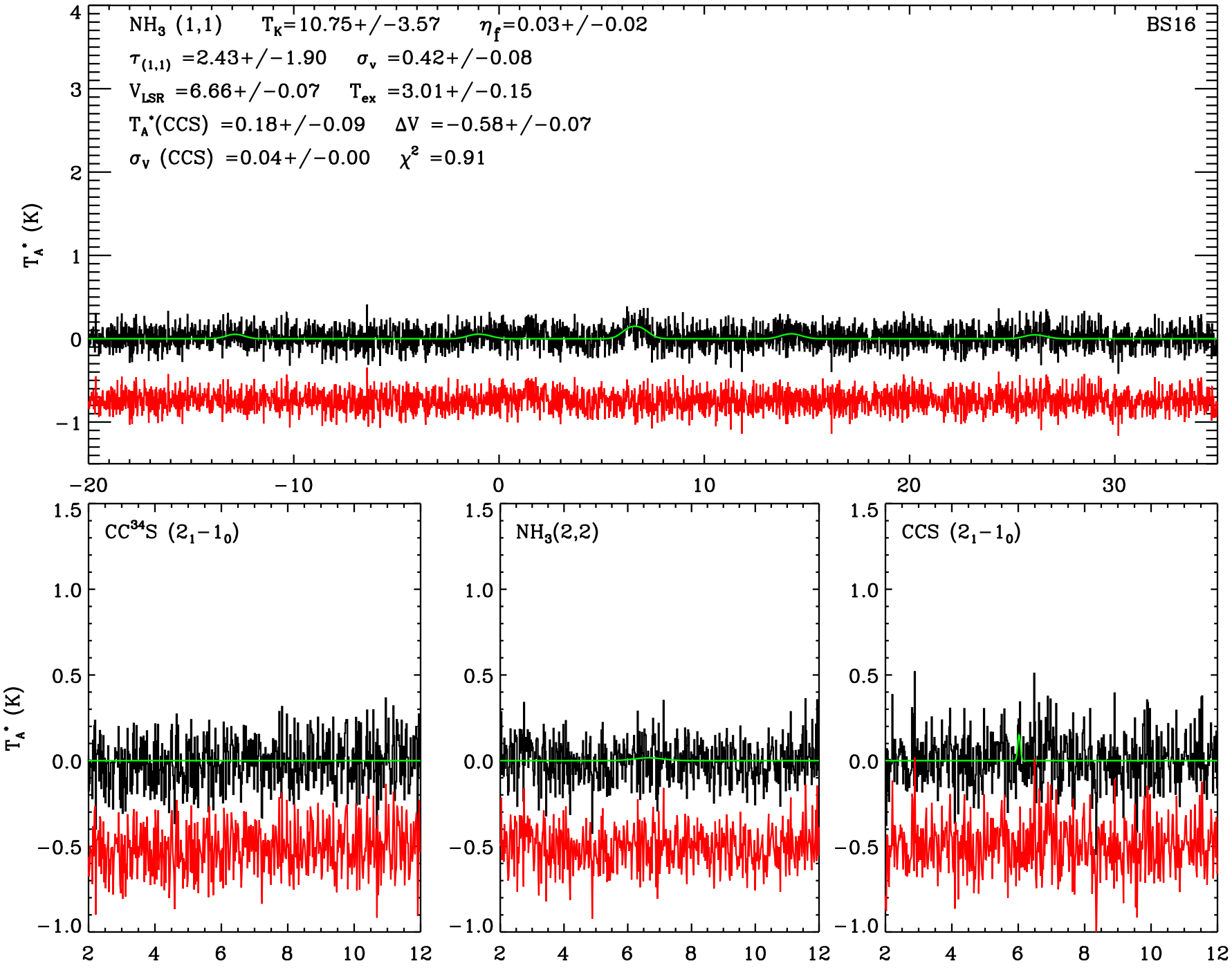

NH3 (1,1) TK=49.55+/−68.68
BS11
Tex τ(1,1) =0.06+/−0.05 σv =0.40+/−0.34
VLSR =5.07+/−0.32
TA*(CCS) =0.00+/−0.00 ΔV =0.00+/−0.00
σV (CCS) =0.50+/−0.00 χ2 =0.98
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

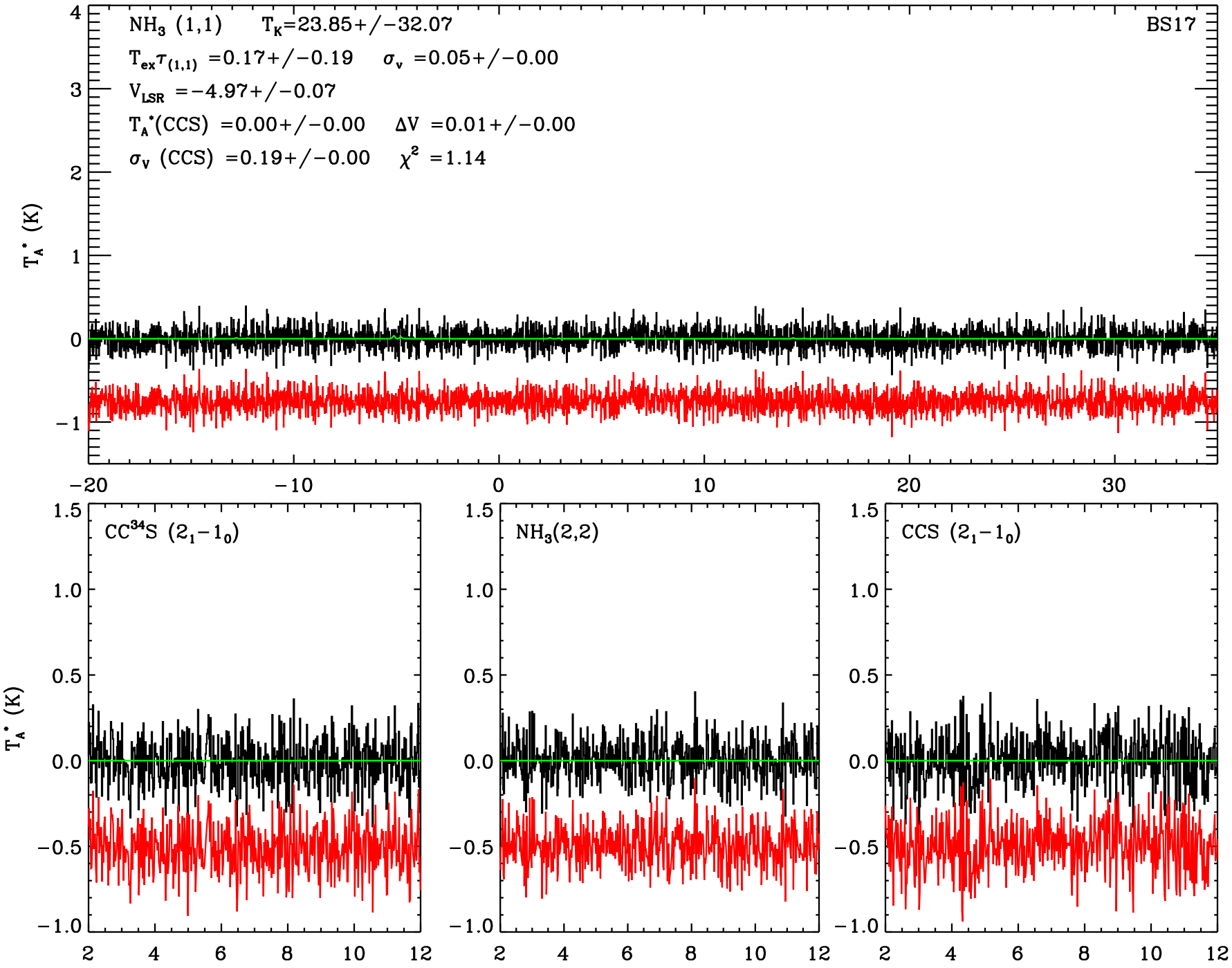

NH3 (1,1) TK=8594865.93+/−3876728264870.93
BS12
Tex τ(1,1) =0.10+/−0.18 σv =0.05+/−0.00
VLSR =2.53+/−0.04
TA*(CCS) =0.00+/−0.00 ΔV =0.17+/−0.00
σV (CCS) =0.25+/−0.00 χ2 =1.00
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

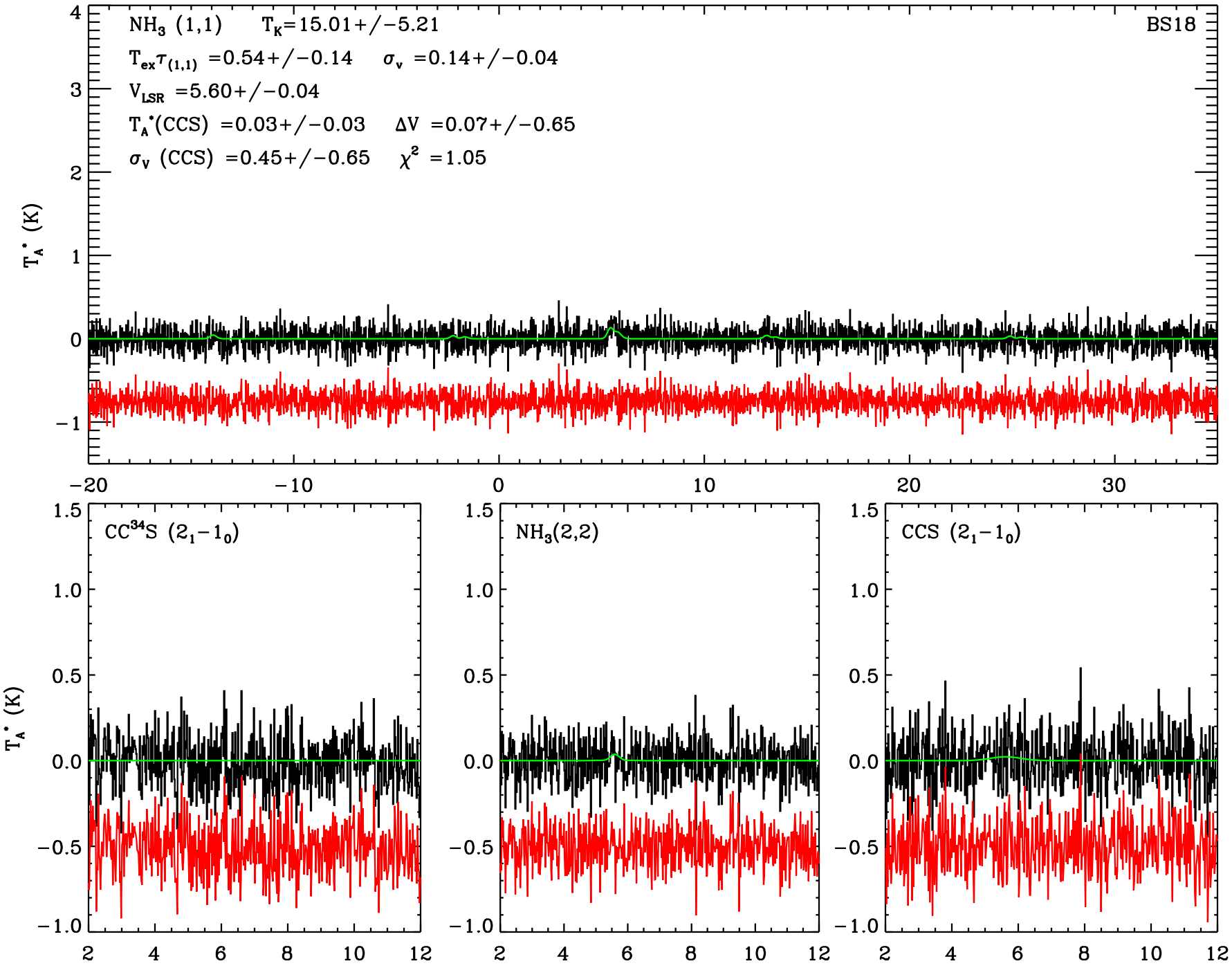

NH3 (1,1) TK=12.92+/−4.11
BS13
Tex τ(1,1) =0.36+/−0.05 σv =0.50+/−0.09
VLSR =7.25+/−0.08
TA*(CCS) =0.15+/−0.09 ΔV =0.28+/−0.10
σV (CCS) =0.07+/−0.05 χ2 =1.00
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

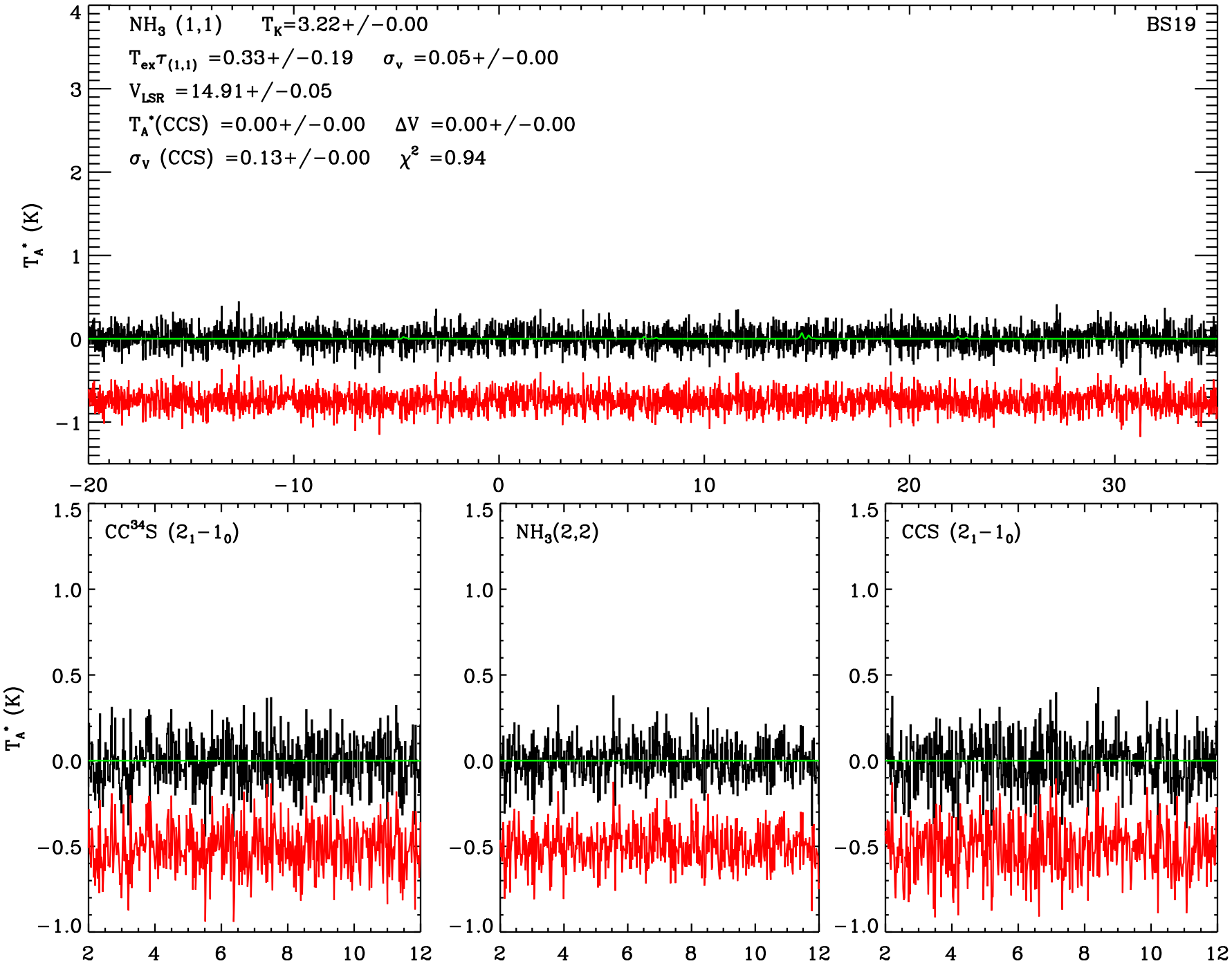

NH3 (1,1) TK=10.33+/−0.32 ηf=0.40+/−0.02
τ(1,1) =4.59+/−0.34 σv =0.16+/−0.00
VLSR =6.57+/−0.00 Tex =5.75+/−0.14
TA*(CCS) =0.41+/−0.07 ΔV =0.01+/−0.02
σV (CCS) =0.13+/−0.02 χ2 =0.89
BS14
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

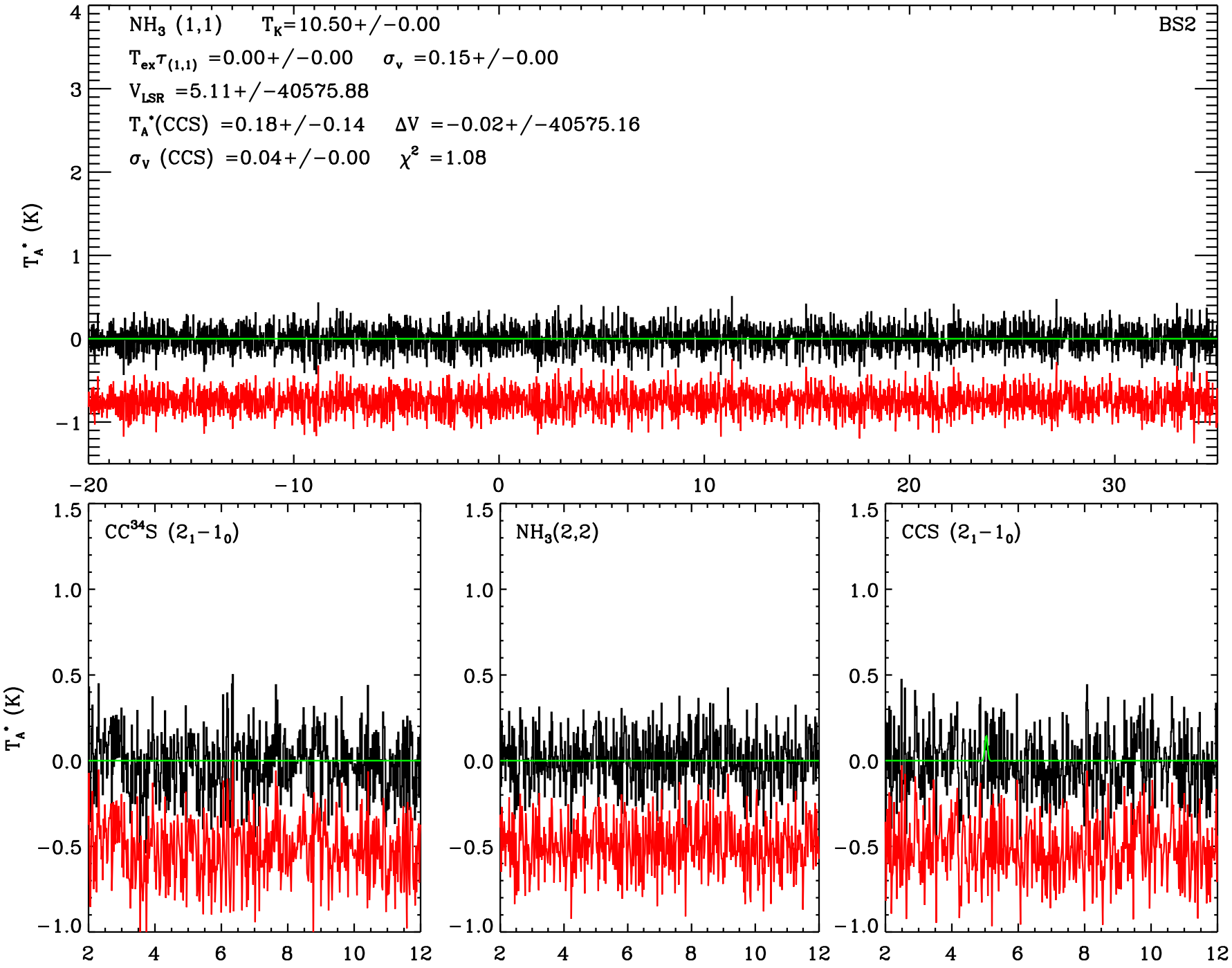

NH3 (1,1) TK=12.44+/−2.82
BS15
Tex τ(1,1) =0.70+/−0.08 σv =0.32+/−0.05
VLSR =6.07+/−0.04
TA*(CCS) =0.49+/−0.07 ΔV =−0.15+/−0.04
σV (CCS) =0.10+/−0.02 χ2 =0.99
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

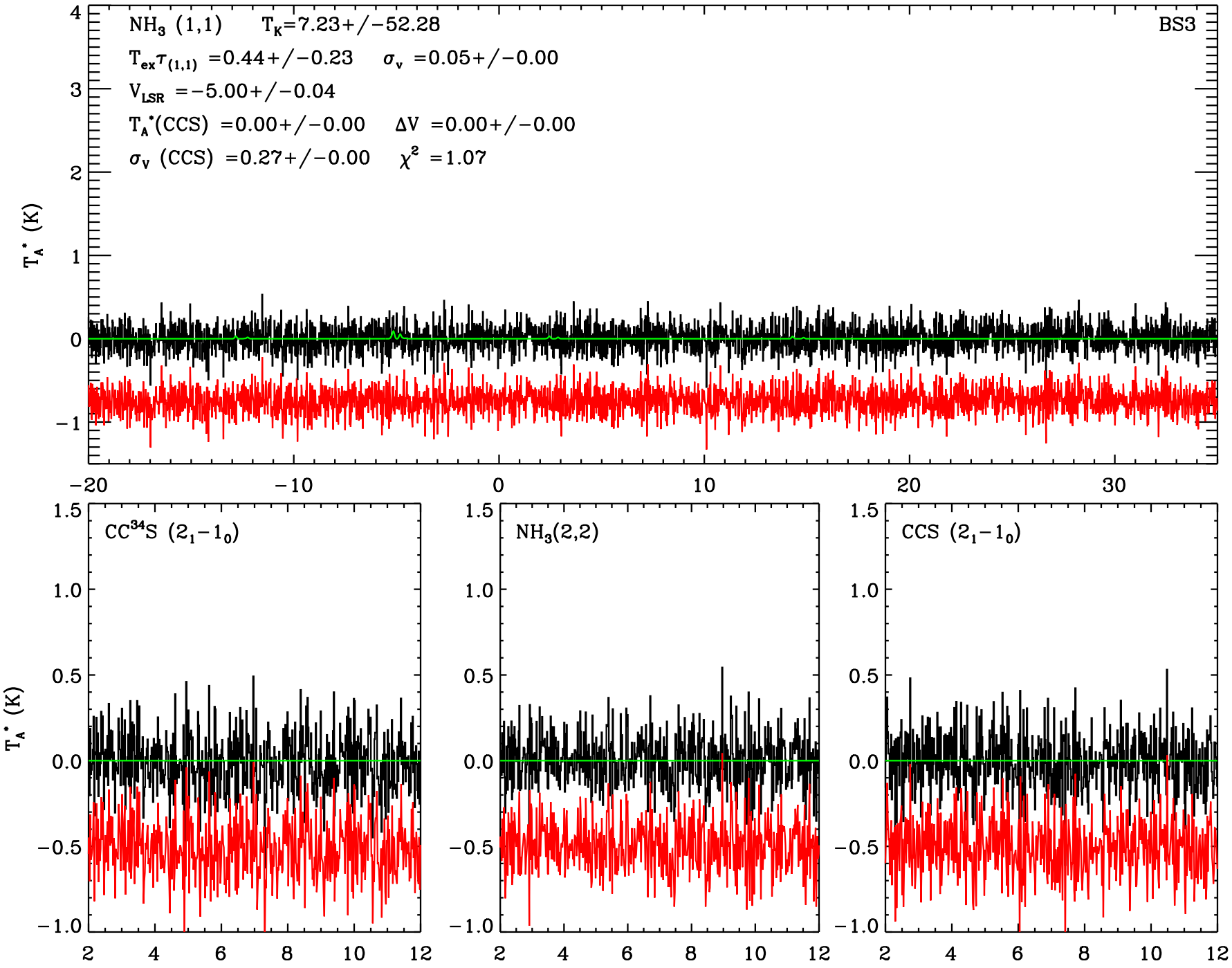

NH3 (1,1) TK=10.75+/−3.57 ηf=0.03+/−0.02
τ(1,1) =2.43+/−1.90 σv =0.42+/−0.08
VLSR =6.66+/−0.07 Tex =3.01+/−0.15
TA*(CCS) =0.18+/−0.09 ΔV =−0.58+/−0.07
σV (CCS) =0.04+/−0.00 χ2 =0.91
BS16
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

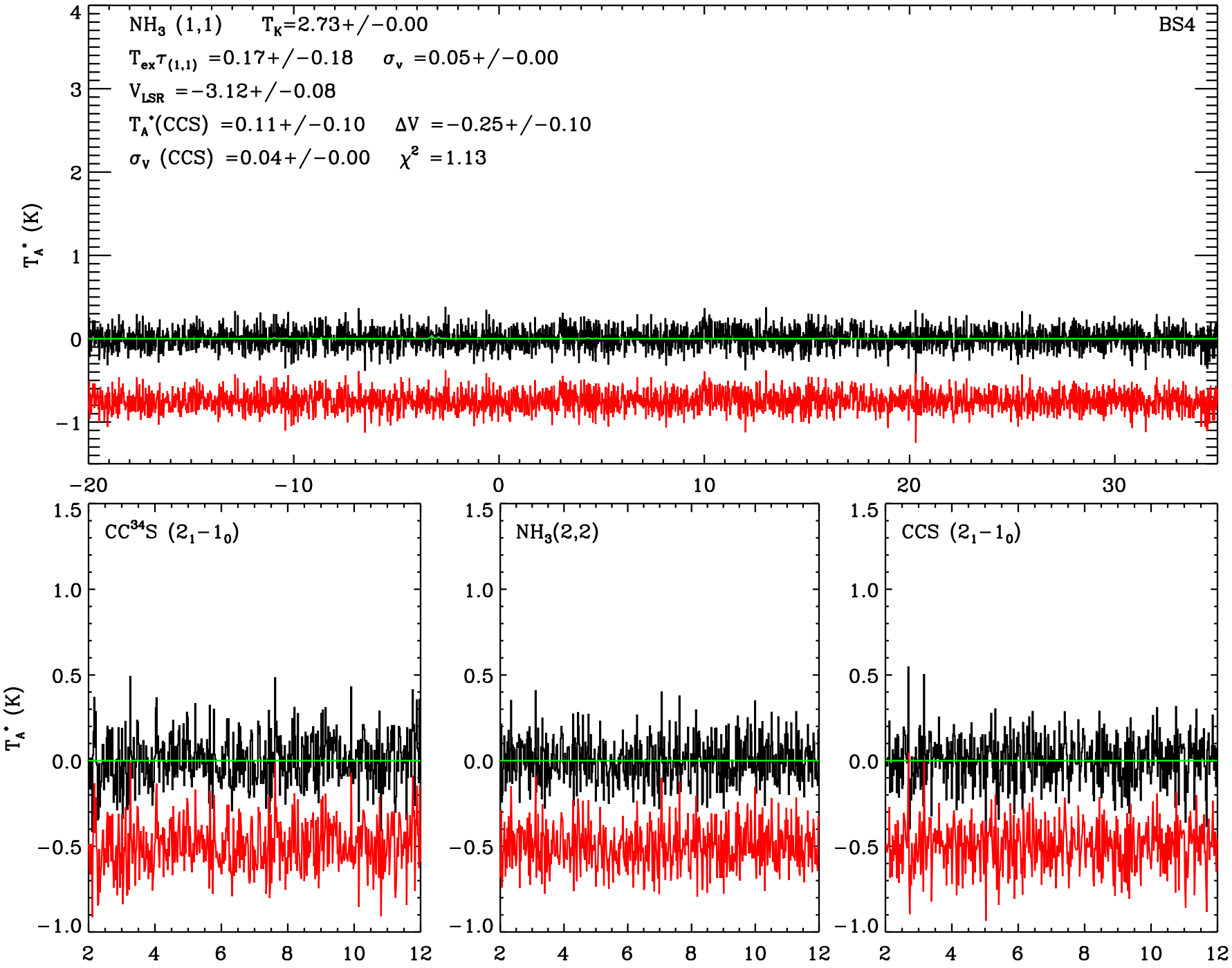

NH3 (1,1) TK=23.85+/−32.07
BS17
Tex τ(1,1) =0.17+/−0.19 σv =0.05+/−0.00
VLSR =−4.97+/−0.07
TA*(CCS) =0.00+/−0.00 ΔV =0.01+/−0.00
σV (CCS) =0.19+/−0.00 χ2 =1.14
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

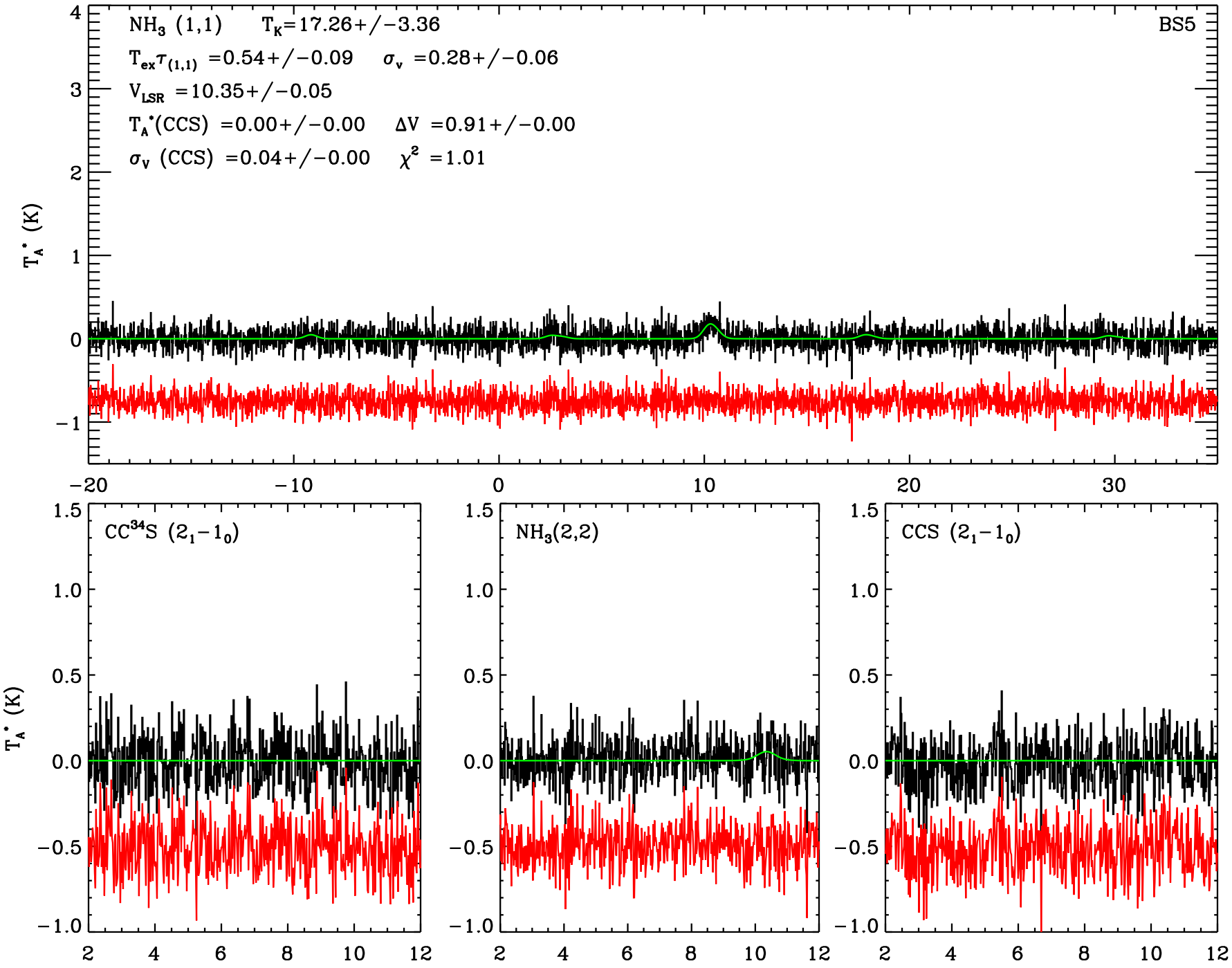

NH3 (1,1) TK=15.01+/−5.21
BS18
Tex τ(1,1) =0.54+/−0.14 σv =0.14+/−0.04
VLSR =5.60+/−0.04
TA*(CCS) =0.03+/−0.03 ΔV =0.07+/−0.65
σV (CCS) =0.45+/−0.65 χ2 =1.05
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

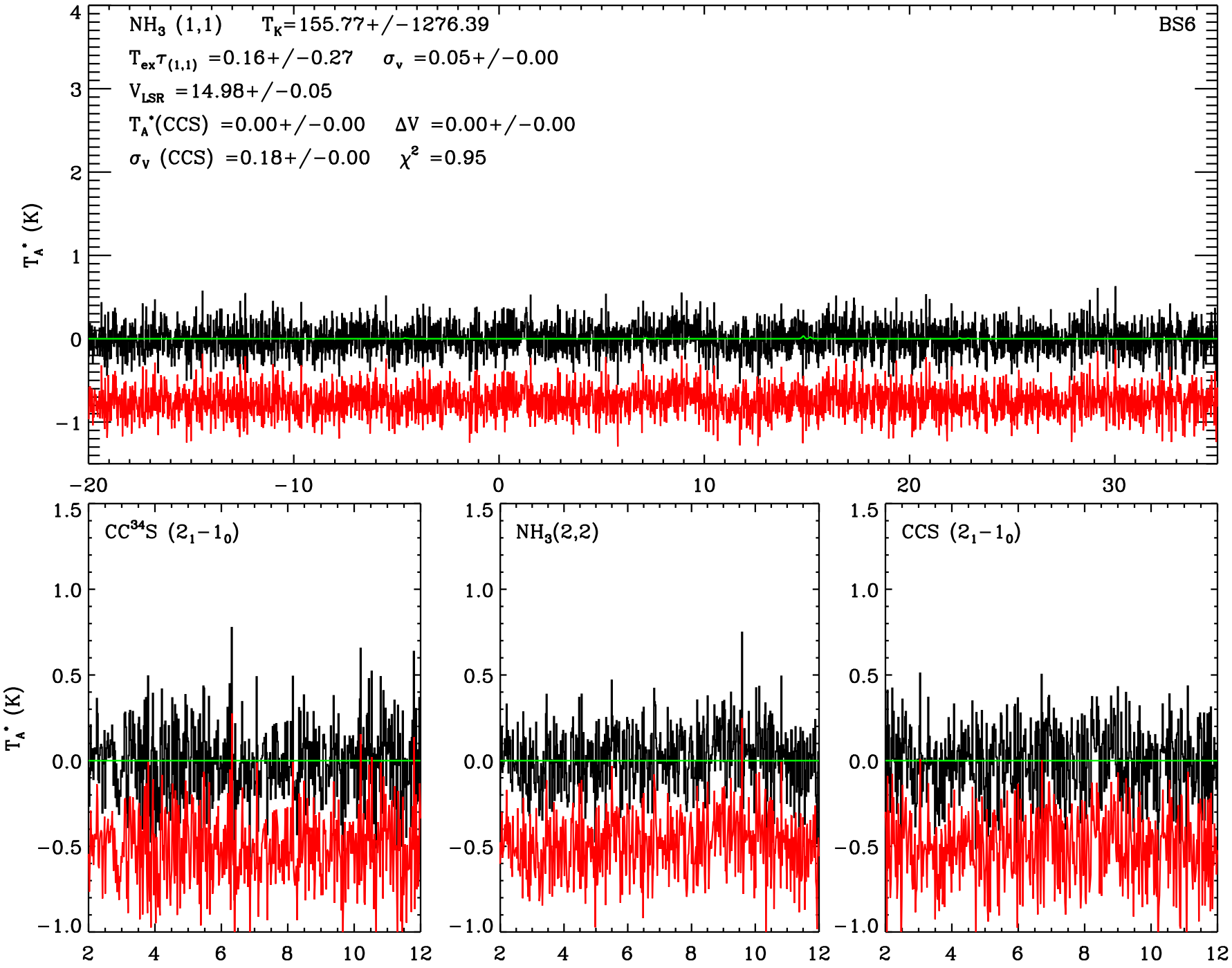

NH3 (1,1) TK=3.22+/−0.00
Tex τ(1,1) =0.33+/−0.19 σv =0.05+/−0.00
VLSR =14.91+/−0.05
TA*(CCS) =0.00+/−0.00 ΔV =0.00+/−0.00
σV (CCS) =0.13+/−0.00 χ2 =0.94
BS19
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

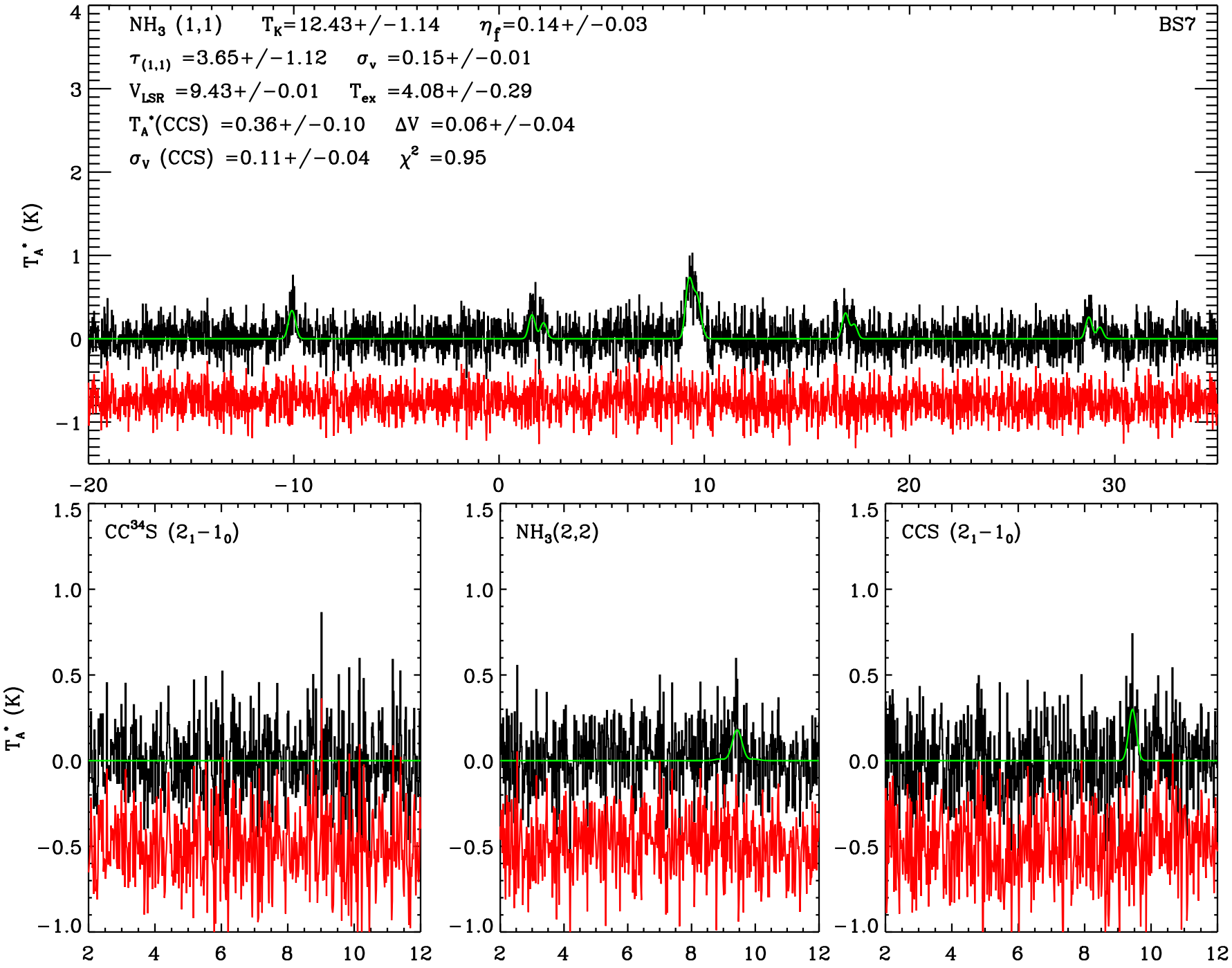

NH3 (1,1) TK=10.50+/−0.00
Tex τ(1,1) =0.00+/−0.00 σv =0.15+/−0.00
VLSR =5.11+/−40575.88
TA*(CCS) =0.18+/−0.14 ΔV =−0.02+/−40575.16
σV (CCS) =0.04+/−0.00 χ2 =1.08
BS2
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

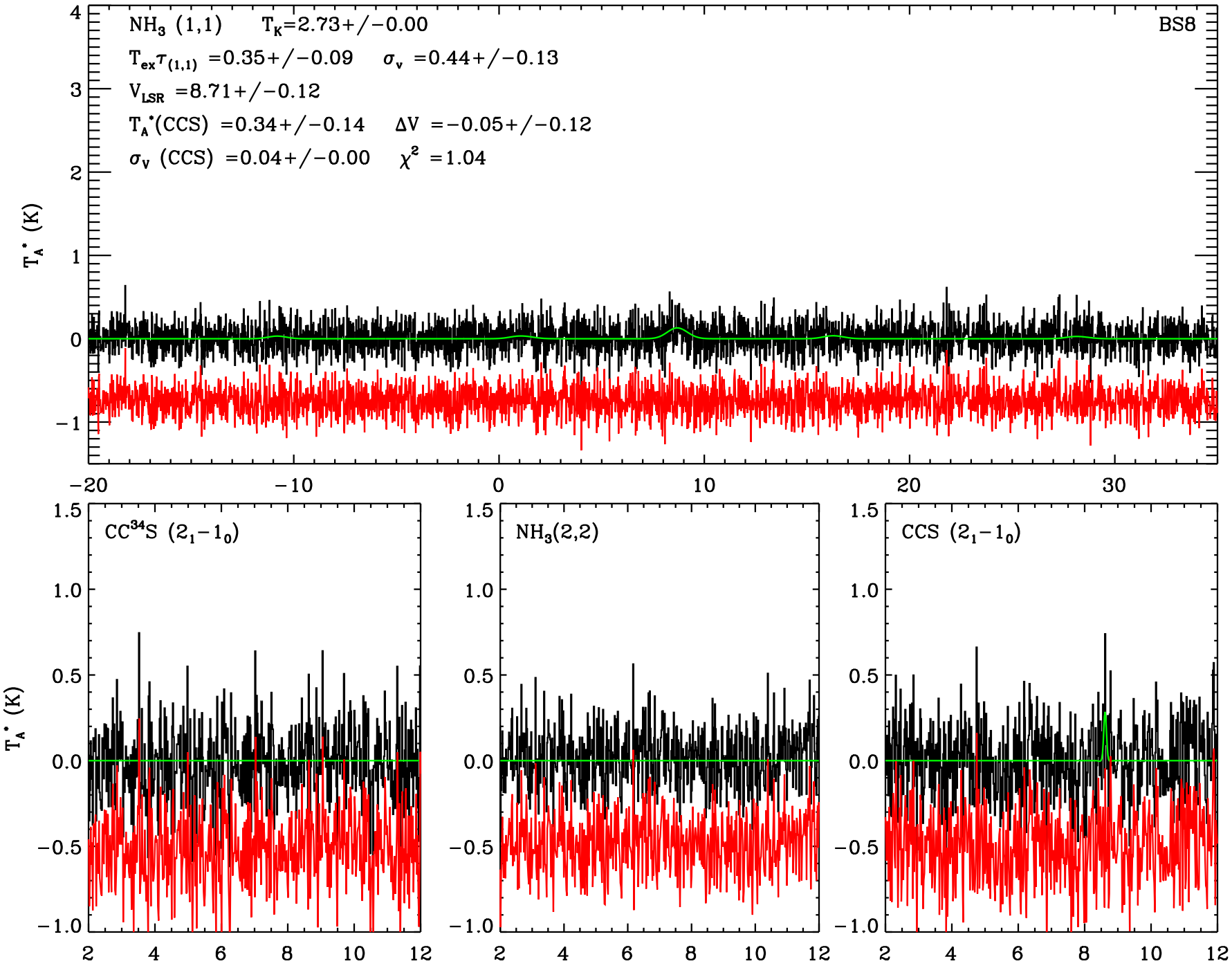

NH3 (1,1) TK=7.23+/−52.28
BS3
Tex τ(1,1) =0.44+/−0.23 σv =0.05+/−0.00
VLSR =−5.00+/−0.04
TA*(CCS) =0.00+/−0.00 ΔV =0.00+/−0.00
σV (CCS) =0.27+/−0.00 χ2 =1.07
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

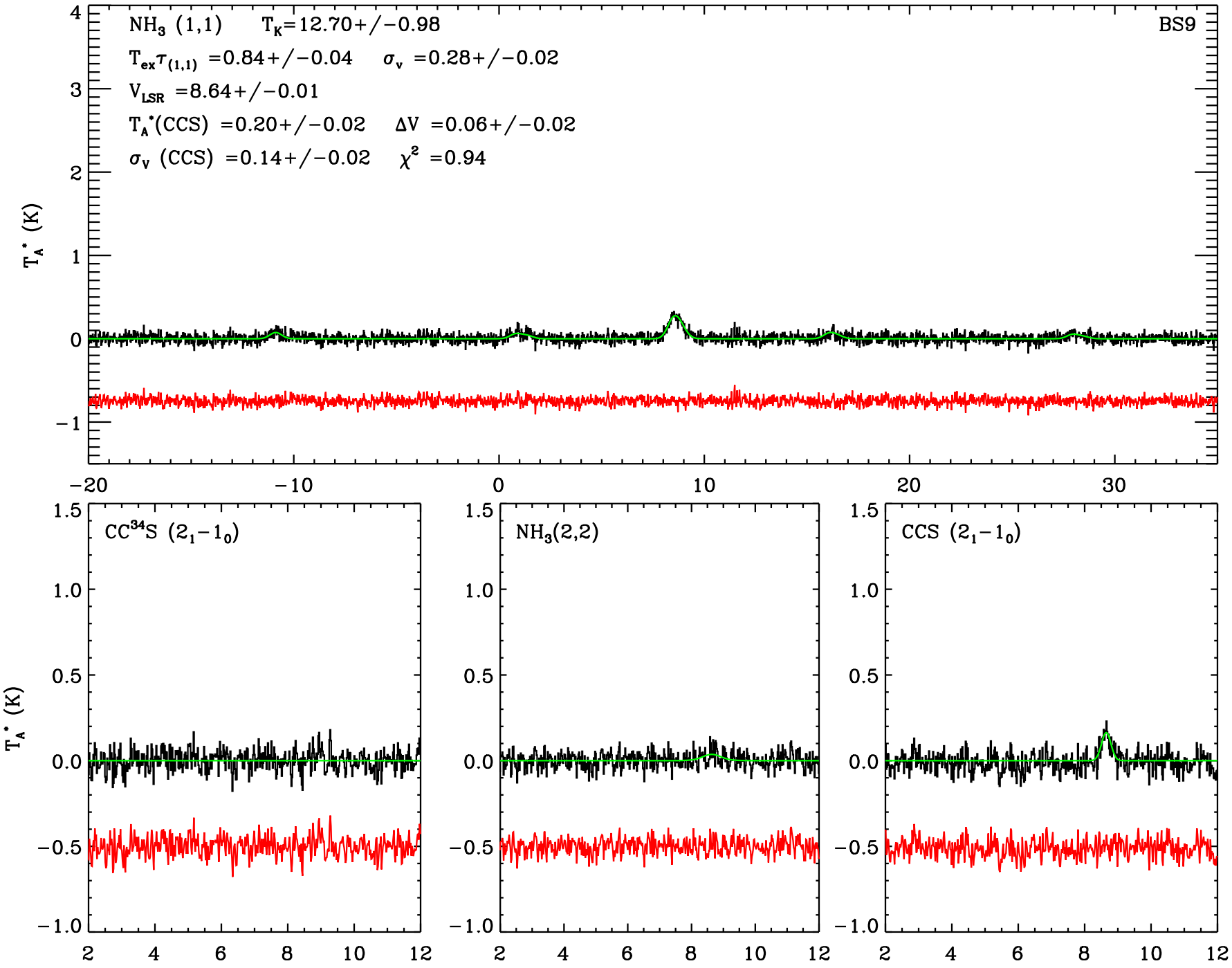

NH3 (1,1) TK=2.73+/−0.00
BS4
Tex τ(1,1) =0.17+/−0.18 σv =0.05+/−0.00
VLSR =−3.12+/−0.08
TA*(CCS) =0.11+/−0.10 ΔV =−0.25+/−0.10
σV (CCS) =0.04+/−0.00 χ2 =1.13
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

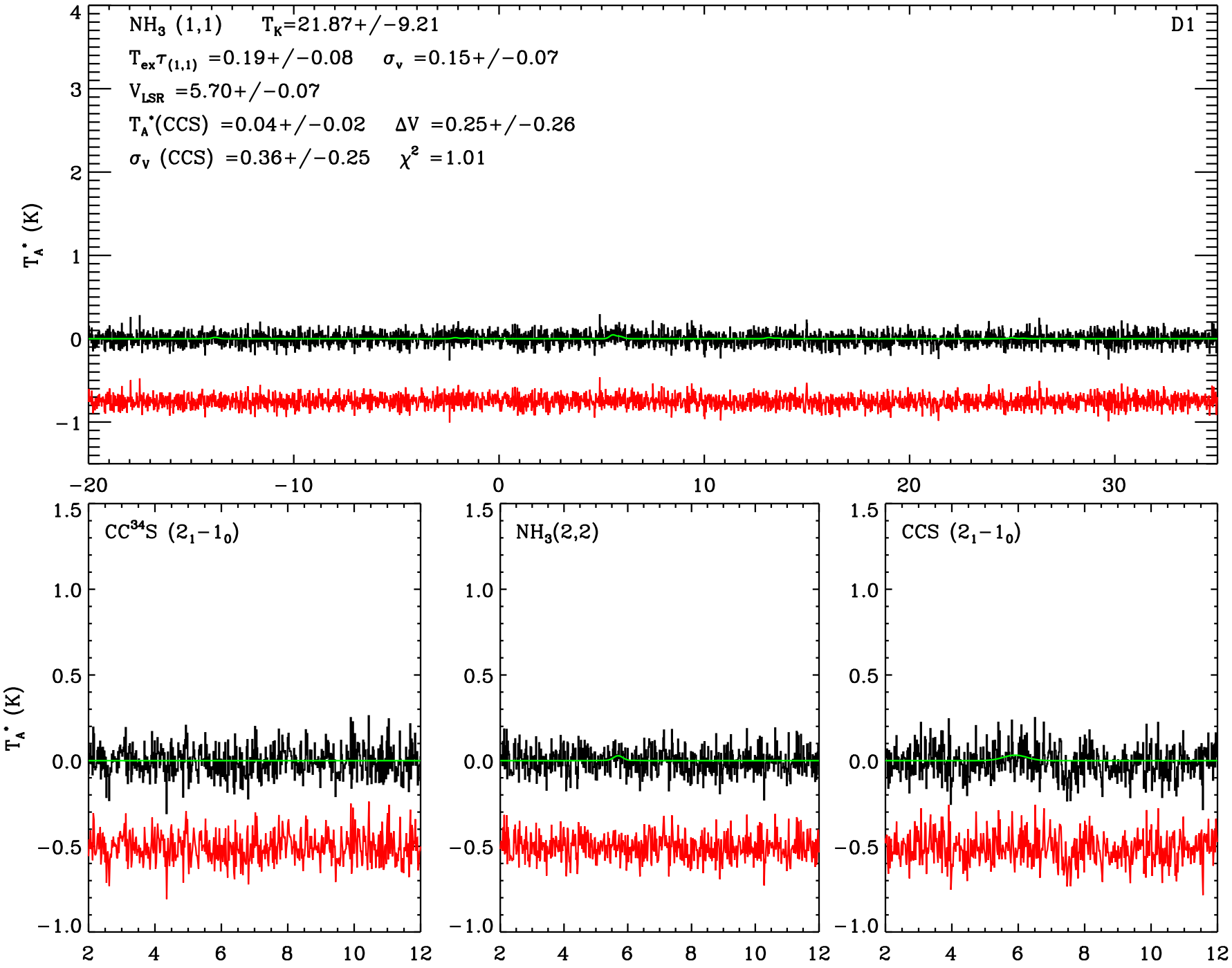

NH3 (1,1) TK=17.26+/−3.36
BS5
Tex τ(1,1) =0.54+/−0.09 σv =0.28+/−0.06
VLSR =10.35+/−0.05
TA*(CCS) =0.00+/−0.00 ΔV =0.91+/−0.00
σV (CCS) =0.04+/−0.00 χ2 =1.01
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

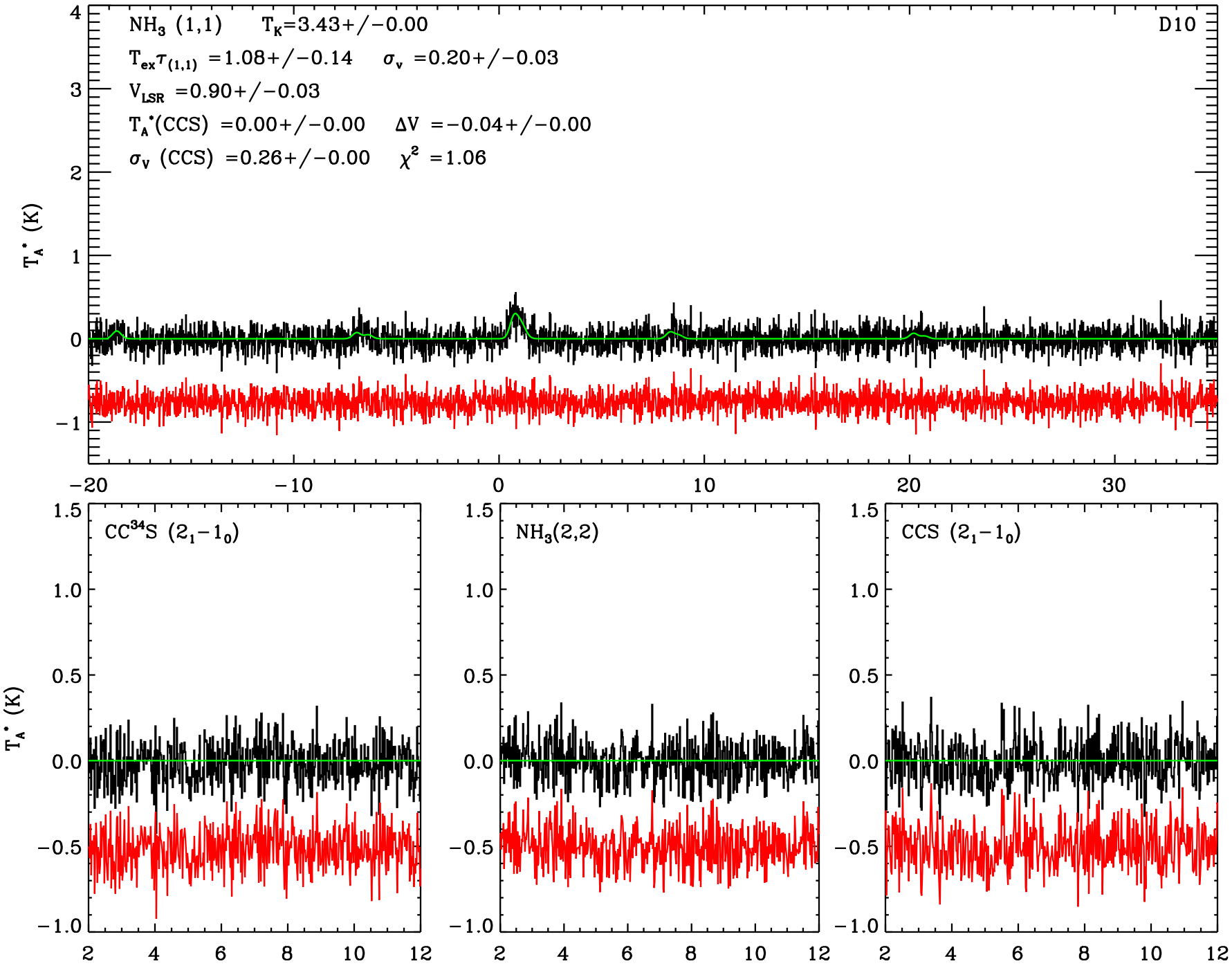

NH3 (1,1) TK=155.77+/−1276.39
Tex τ(1,1) =0.16+/−0.27 σv =0.05+/−0.00
VLSR =14.98+/−0.05
TA*(CCS) =0.00+/−0.00 ΔV =0.00+/−0.00
σV (CCS) =0.18+/−0.00 χ2 =0.95
BS6
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

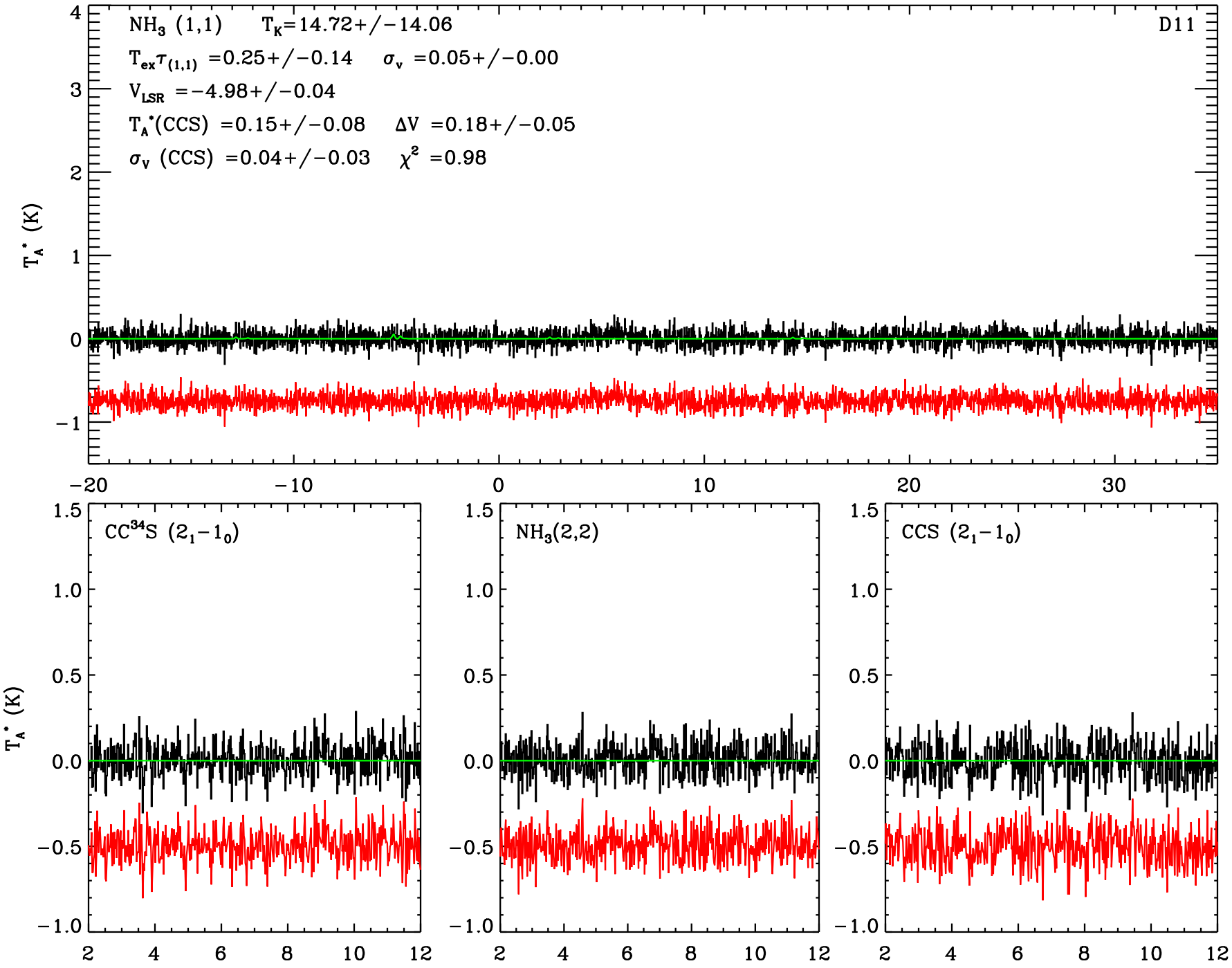

NH3 (1,1) TK=12.43+/−1.14 ηf=0.14+/−0.03
τ(1,1) =3.65+/−1.12 σv =0.15+/−0.01
VLSR =9.43+/−0.01 Tex =4.08+/−0.29
TA*(CCS) =0.36+/−0.10 ΔV =0.06+/−0.04
σV (CCS) =0.11+/−0.04 χ2 =0.95
BS7
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

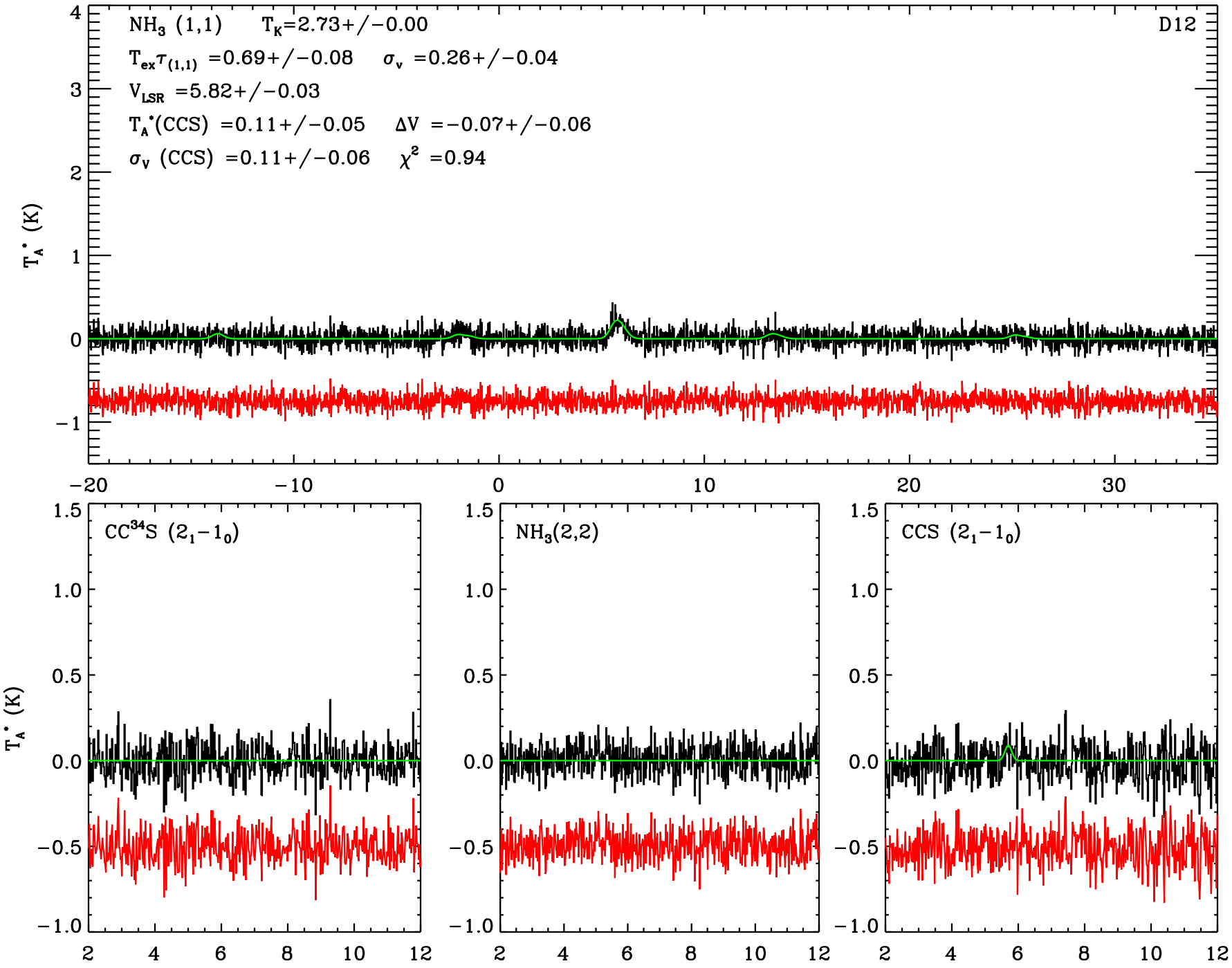

NH3 (1,1) TK=2.73+/−0.00
BS8
Tex τ(1,1) =0.35+/−0.09 σv =0.44+/−0.13
VLSR =8.71+/−0.12
TA*(CCS) =0.34+/−0.14 ΔV =−0.05+/−0.12
σV (CCS) =0.04+/−0.00 χ2 =1.04
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

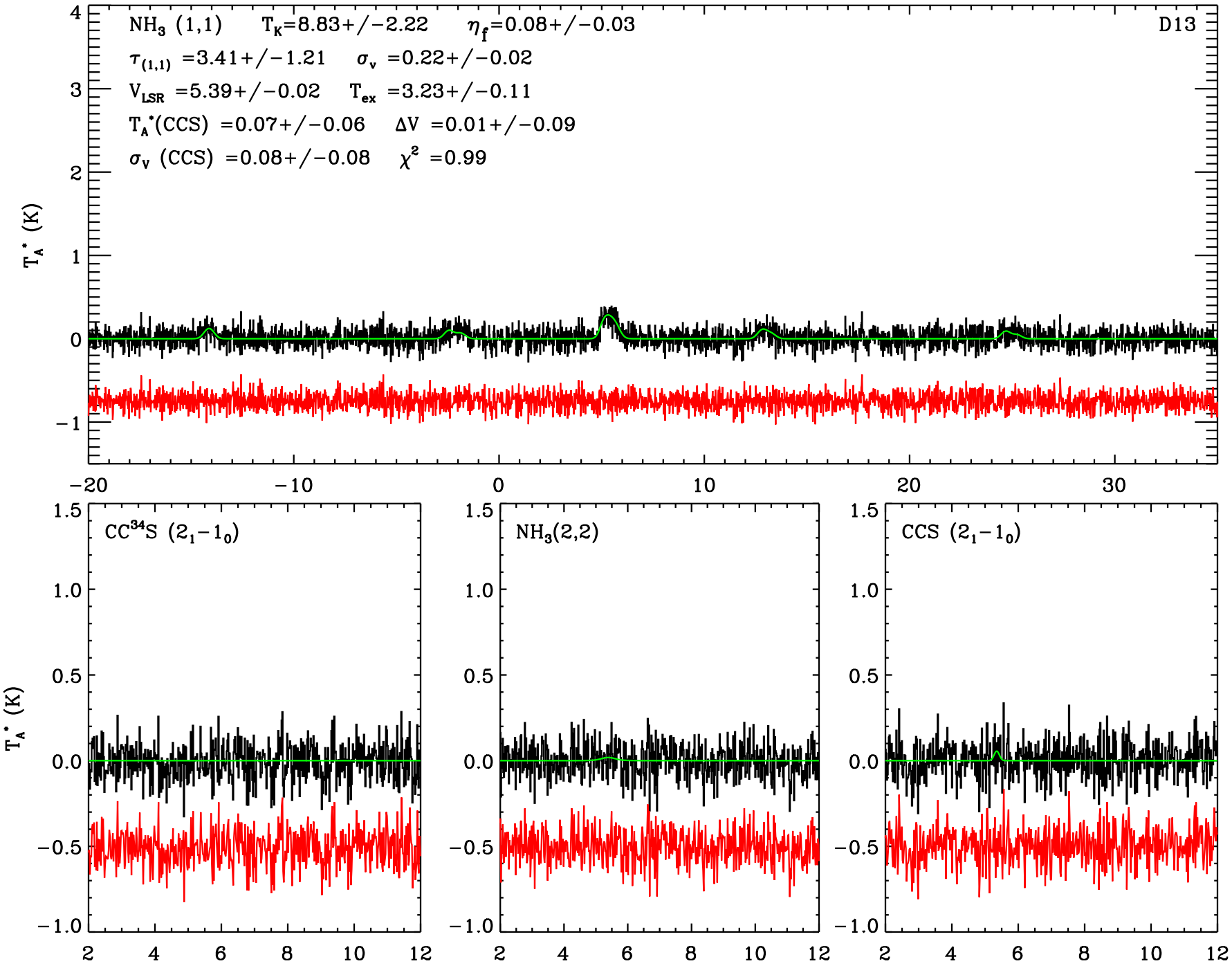

NH3 (1,1) TK=12.70+/−0.98
BS9
Tex τ(1,1) =0.84+/−0.04 σv =0.28+/−0.02
VLSR =8.64+/−0.01
TA*(CCS) =0.20+/−0.02 ΔV =0.06+/−0.02
σV (CCS) =0.14+/−0.02 χ2 =0.94
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

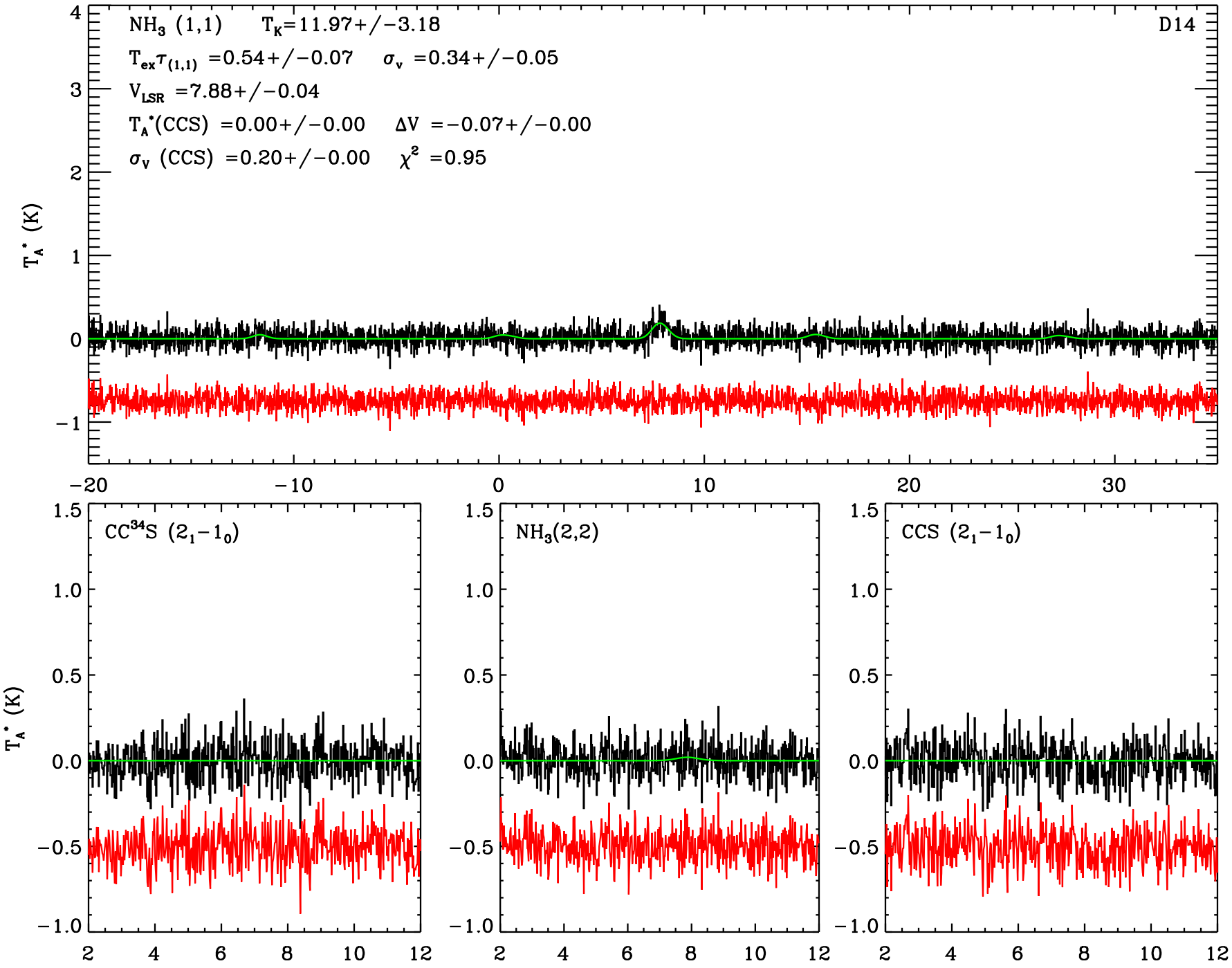

NH3 (1,1) TK=21.87+/−9.21
D1
Tex τ(1,1) =0.19+/−0.08 σv =0.15+/−0.07
VLSR =5.70+/−0.07
TA*(CCS) =0.04+/−0.02 ΔV =0.25+/−0.26
σV (CCS) =0.36+/−0.25 χ2 =1.01
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

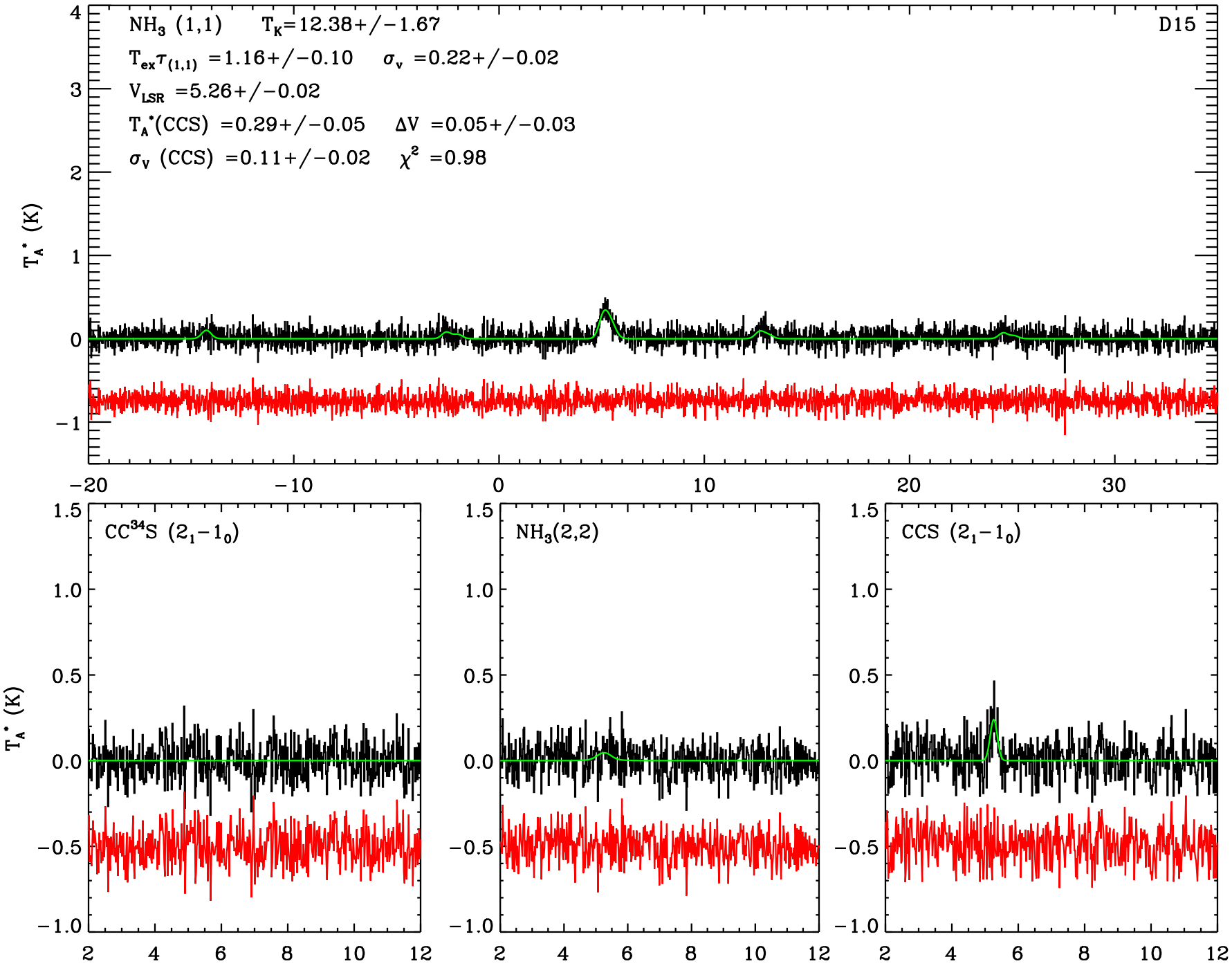

NH3 (1,1) TK=3.43+/−0.00
D10
Tex τ(1,1) =1.08+/−0.14 σv =0.20+/−0.03
VLSR =0.90+/−0.03
TA*(CCS) =0.00+/−0.00 ΔV =−0.04+/−0.00
σV (CCS) =0.26+/−0.00 χ2 =1.06
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

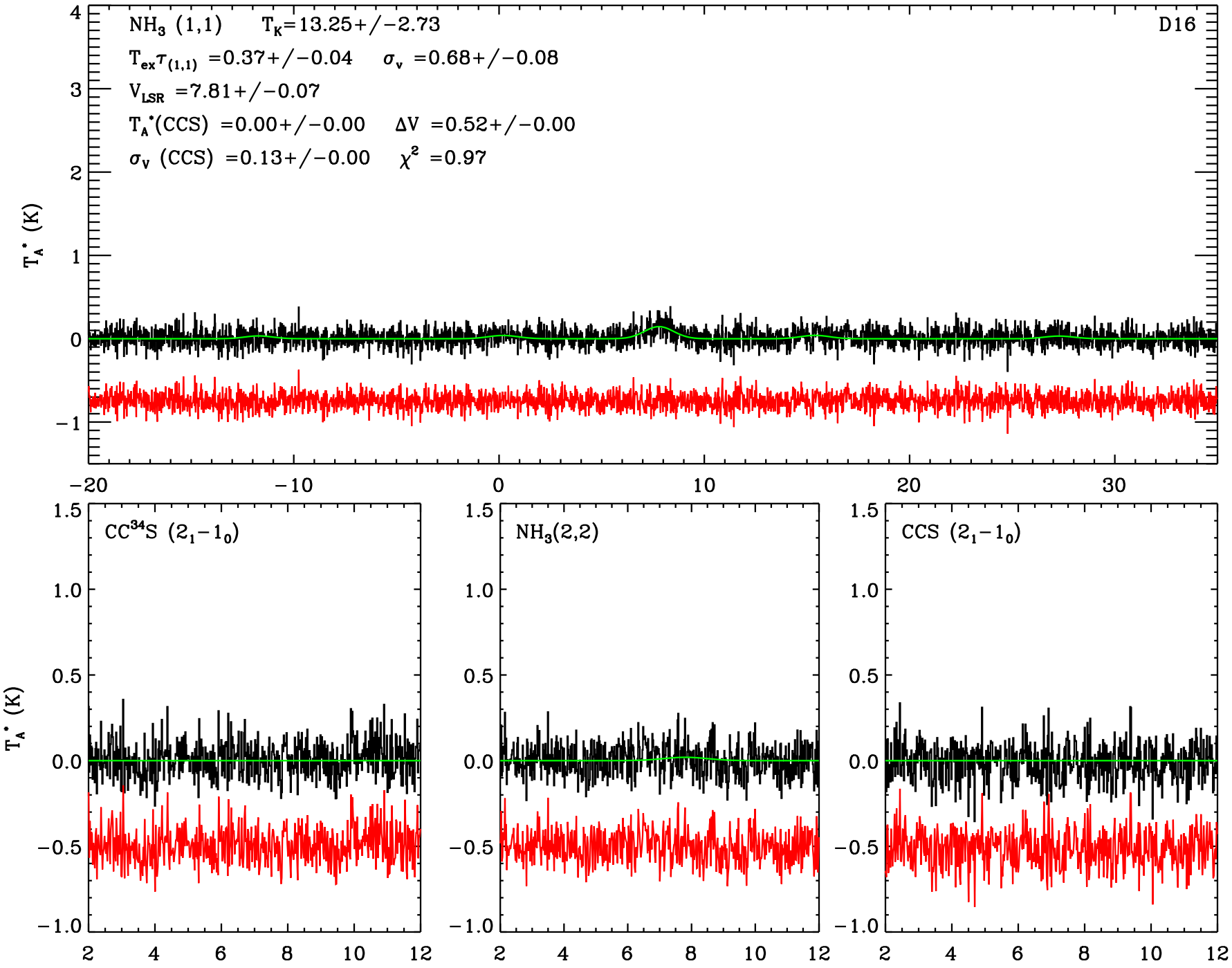

NH3 (1,1) TK=14.72+/−14.06
D11
Tex τ(1,1) =0.25+/−0.14 σv =0.05+/−0.00
VLSR =−4.98+/−0.04
TA*(CCS) =0.15+/−0.08 ΔV =0.18+/−0.05
σV (CCS) =0.04+/−0.03 χ2 =0.98
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

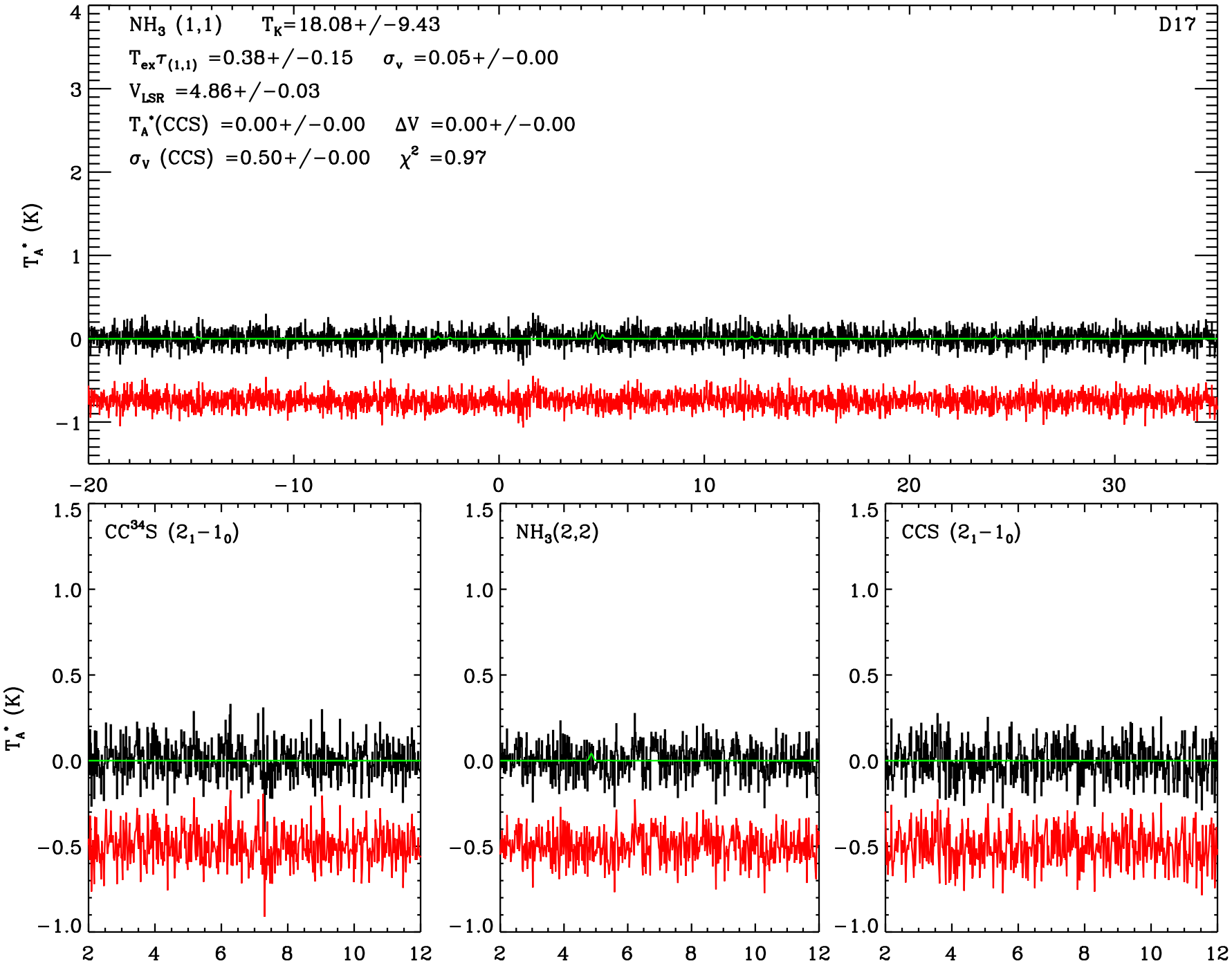

NH3 (1,1) TK=2.73+/−0.00
D12
Tex τ(1,1) =0.69+/−0.08 σv =0.26+/−0.04
VLSR =5.82+/−0.03
TA*(CCS) =0.11+/−0.05 ΔV =−0.07+/−0.06
σV (CCS) =0.11+/−0.06 χ2 =0.94
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

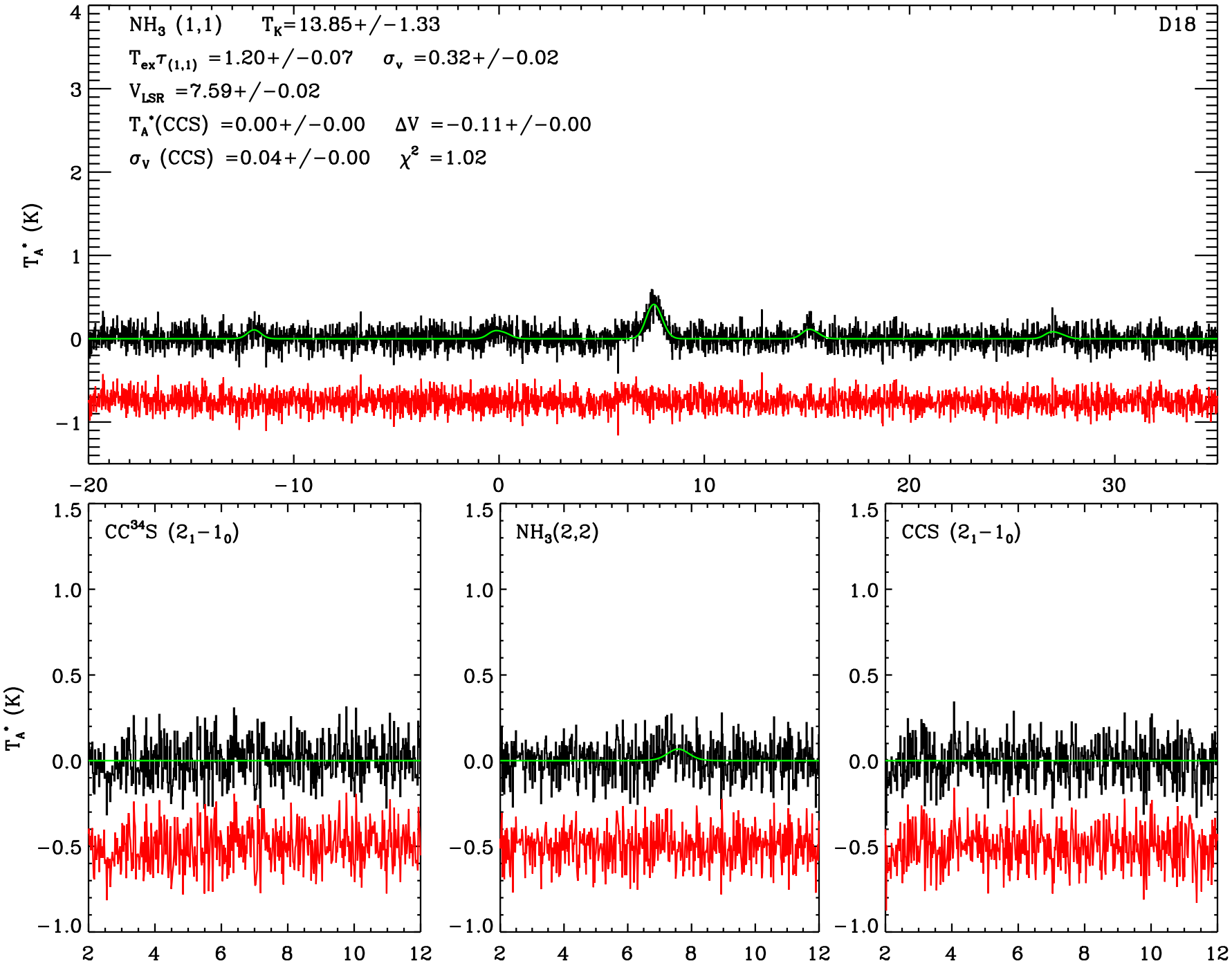

NH3 (1,1) TK=8.83+/−2.22 ηf=0.08+/−0.03
τ(1,1) =3.41+/−1.21 σv =0.22+/−0.02
VLSR =5.39+/−0.02 Tex =3.23+/−0.11
TA*(CCS) =0.07+/−0.06 ΔV =0.01+/−0.09
σV (CCS) =0.08+/−0.08 χ2 =0.99
D13
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

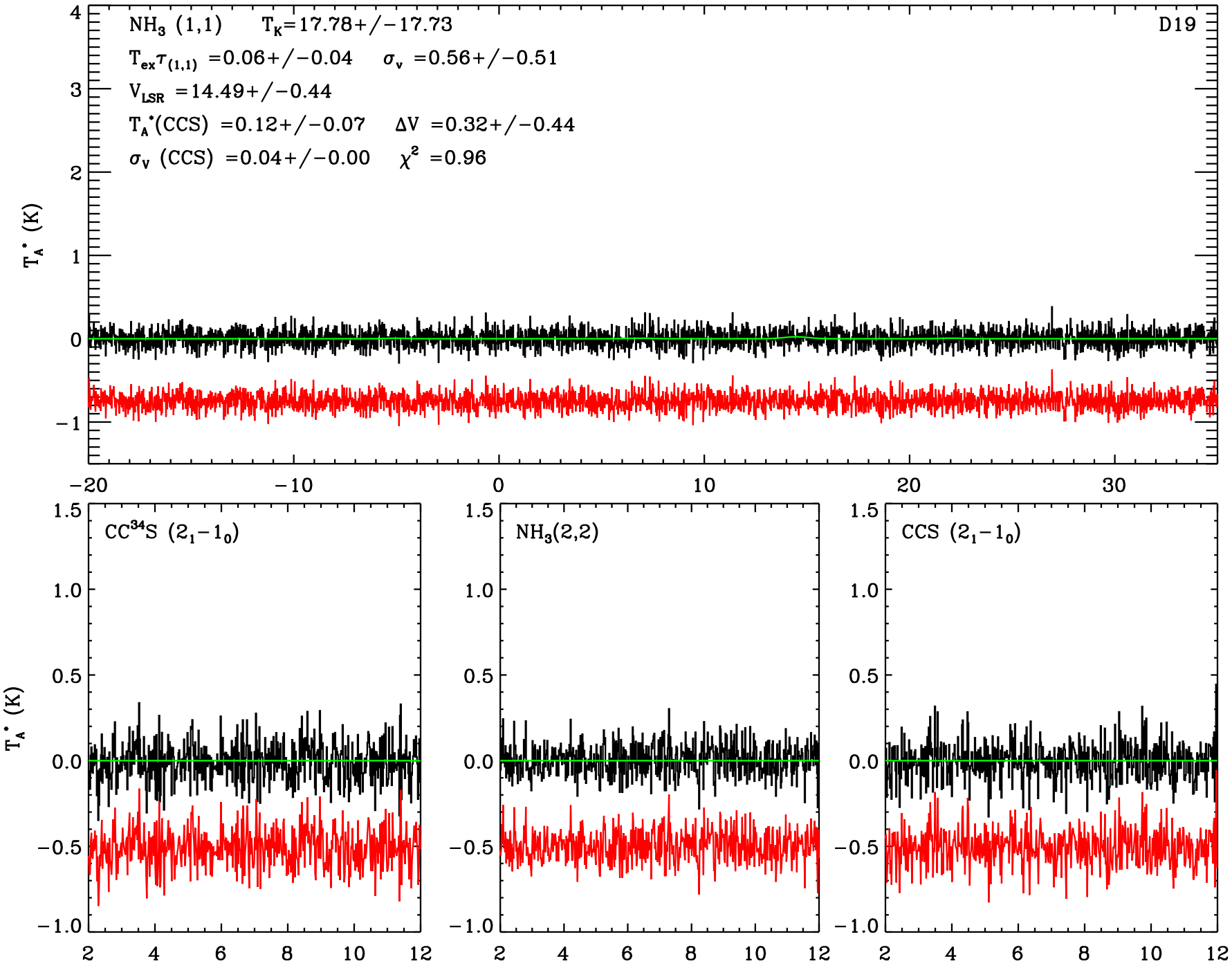

NH3 (1,1) TK=11.97+/−3.18
D14
Tex τ(1,1) =0.54+/−0.07 σv =0.34+/−0.05
VLSR =7.88+/−0.04
TA*(CCS) =0.00+/−0.00 ΔV =−0.07+/−0.00
σV (CCS) =0.20+/−0.00 χ2 =0.95
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

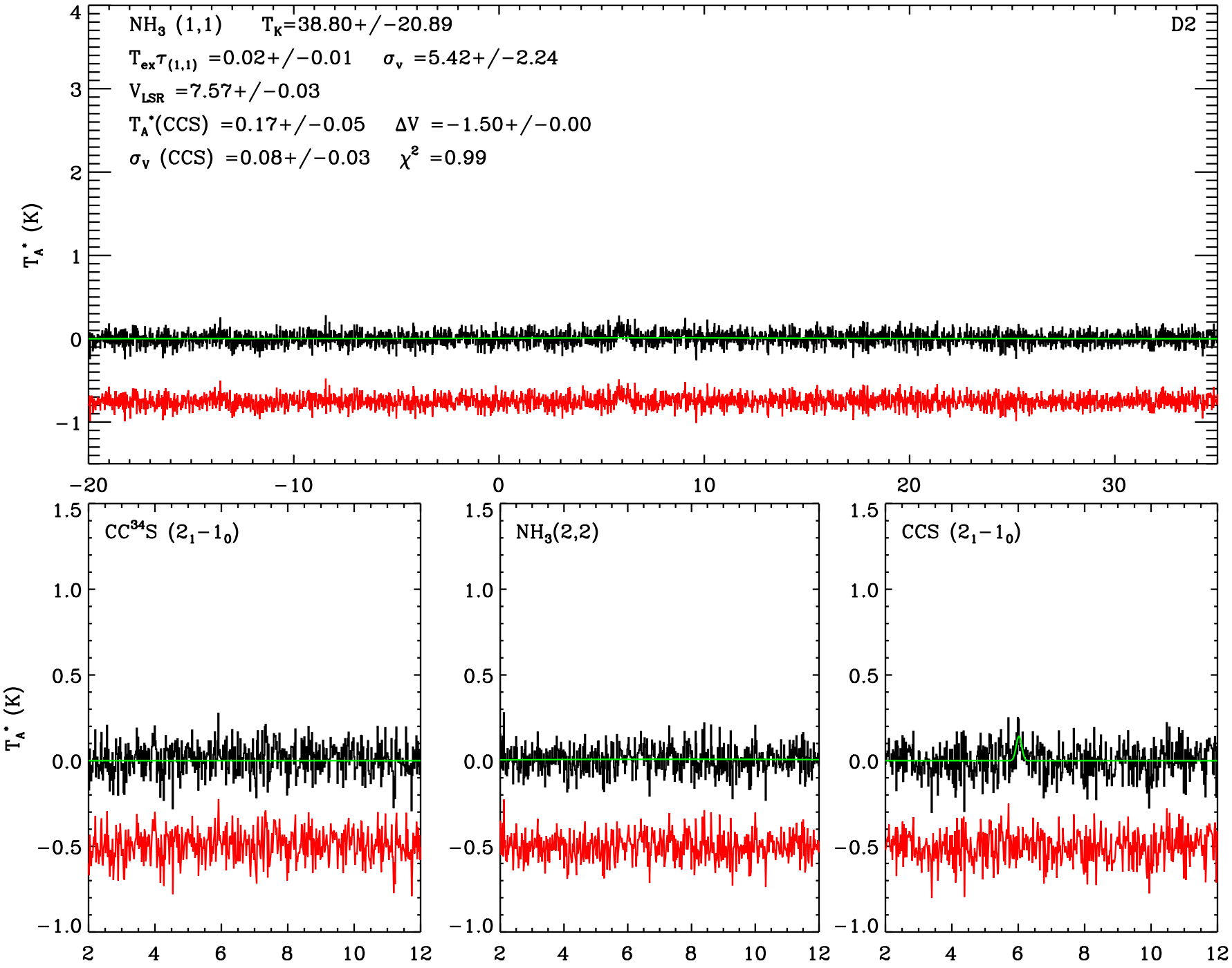

NH3 (1,1) TK=12.38+/−1.67
D15
Tex τ(1,1) =1.16+/−0.10 σv =0.22+/−0.02
VLSR =5.26+/−0.02
TA*(CCS) =0.29+/−0.05 ΔV =0.05+/−0.03
σV (CCS) =0.11+/−0.02 χ2 =0.98
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

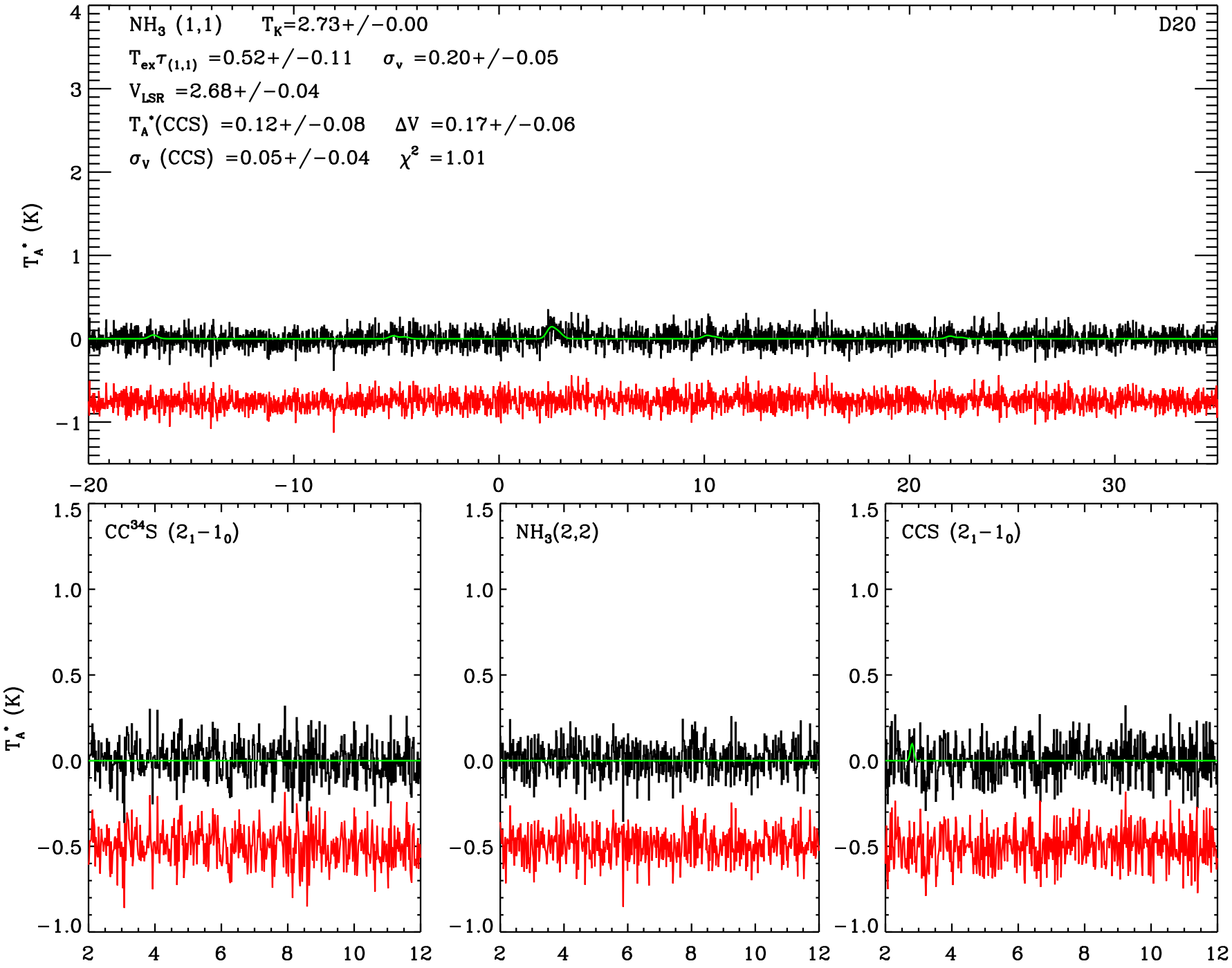

NH3 (1,1) TK=13.25+/−2.73
D16
Tex τ(1,1) =0.37+/−0.04 σv =0.68+/−0.08
VLSR =7.81+/−0.07
TA*(CCS) =0.00+/−0.00 ΔV =0.52+/−0.00
σV (CCS) =0.13+/−0.00 χ2 =0.97
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

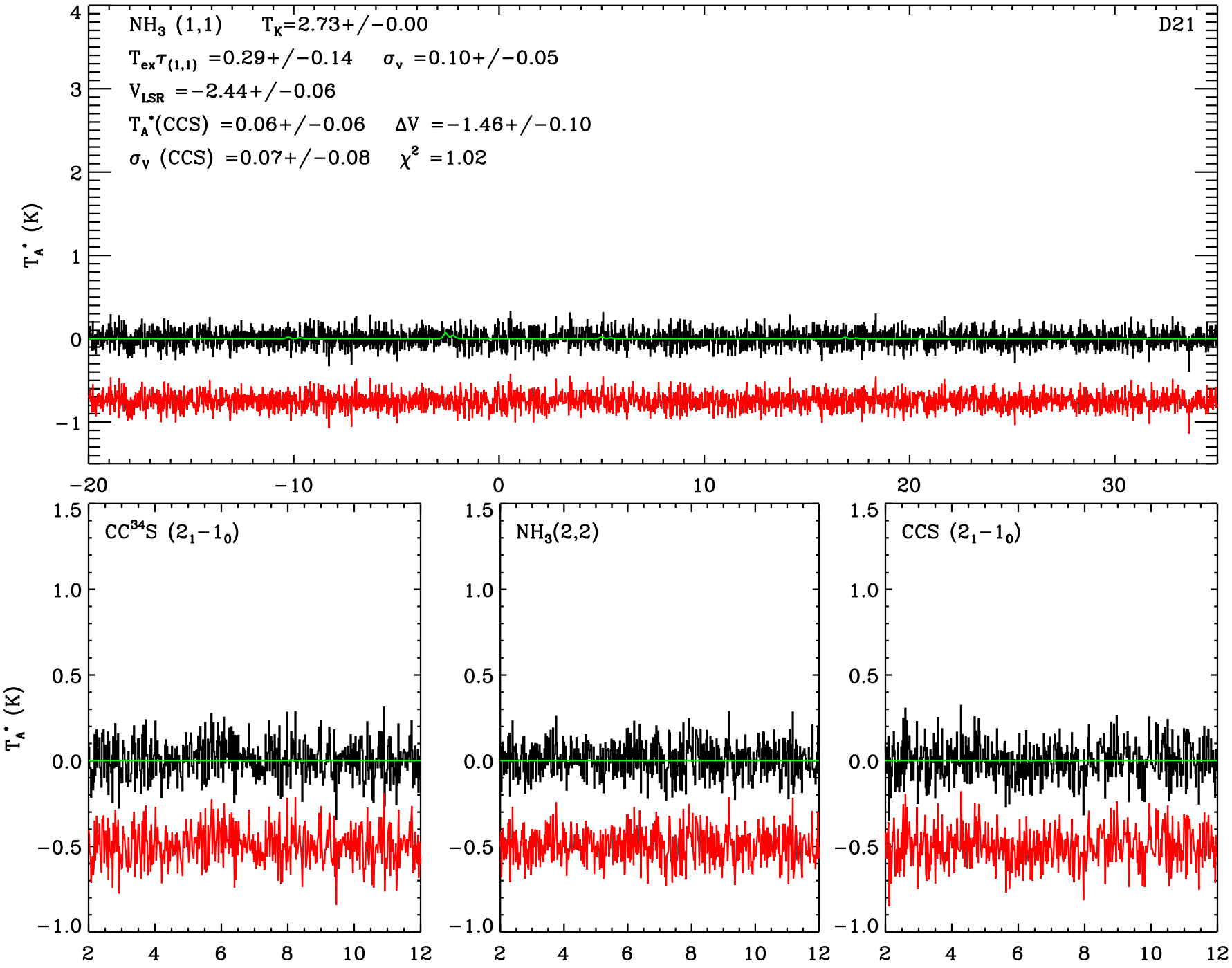

NH3 (1,1) TK=18.08+/−9.43
D17
Tex τ(1,1) =0.38+/−0.15 σv =0.05+/−0.00
VLSR =4.86+/−0.03
TA*(CCS) =0.00+/−0.00 ΔV =0.00+/−0.00
σV (CCS) =0.50+/−0.00 χ2 =0.97
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

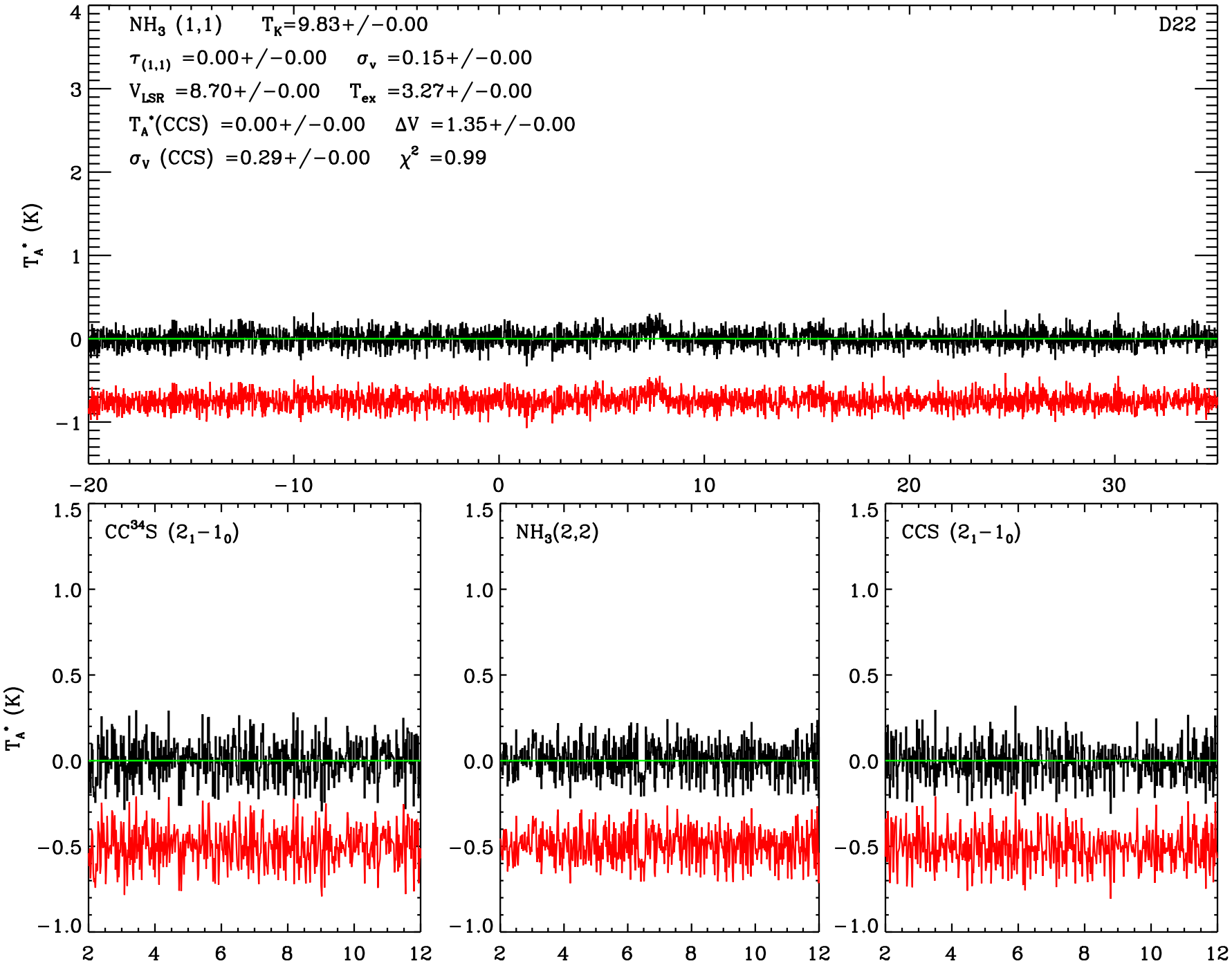

NH3 (1,1) TK=13.85+/−1.33
D18
Tex τ(1,1) =1.20+/−0.07 σv =0.32+/−0.02
VLSR =7.59+/−0.02
TA*(CCS) =0.00+/−0.00 ΔV =−0.11+/−0.00
σV (CCS) =0.04+/−0.00 χ2 =1.02
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

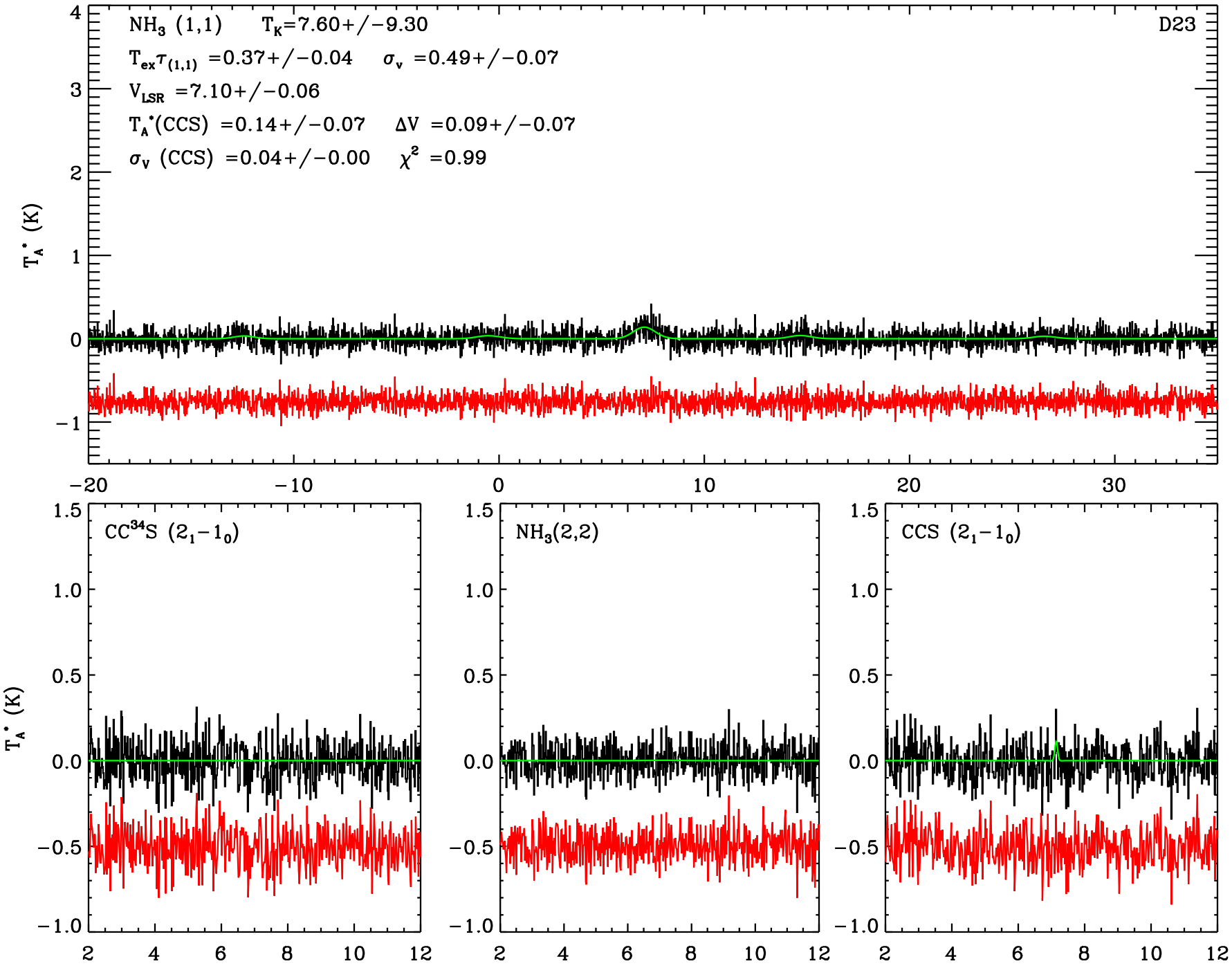

NH3 (1,1) TK=17.78+/−17.73
D19
Tex τ(1,1) =0.06+/−0.04 σv =0.56+/−0.51
VLSR =14.49+/−0.44
TA*(CCS) =0.12+/−0.07 ΔV =0.32+/−0.44
σV (CCS) =0.04+/−0.00 χ2 =0.96
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

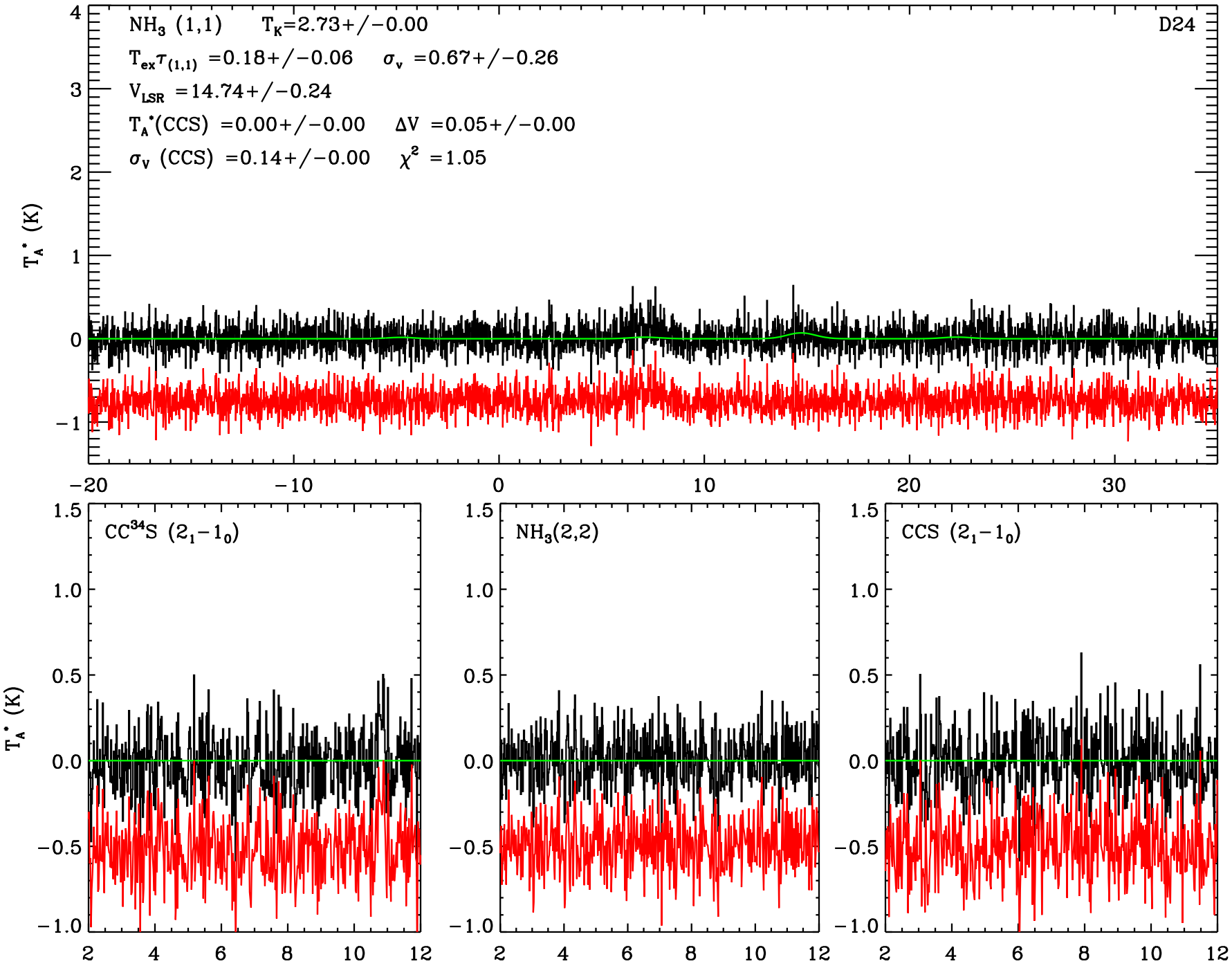

NH3 (1,1) TK=38.80+/−20.89
Tex τ(1,1) =0.02+/−0.01 σv =5.42+/−2.24
VLSR =7.57+/−0.03
TA*(CCS) =0.17+/−0.05 ΔV =−1.50+/−0.00
σV (CCS) =0.08+/−0.03 χ2 =0.99
D2
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

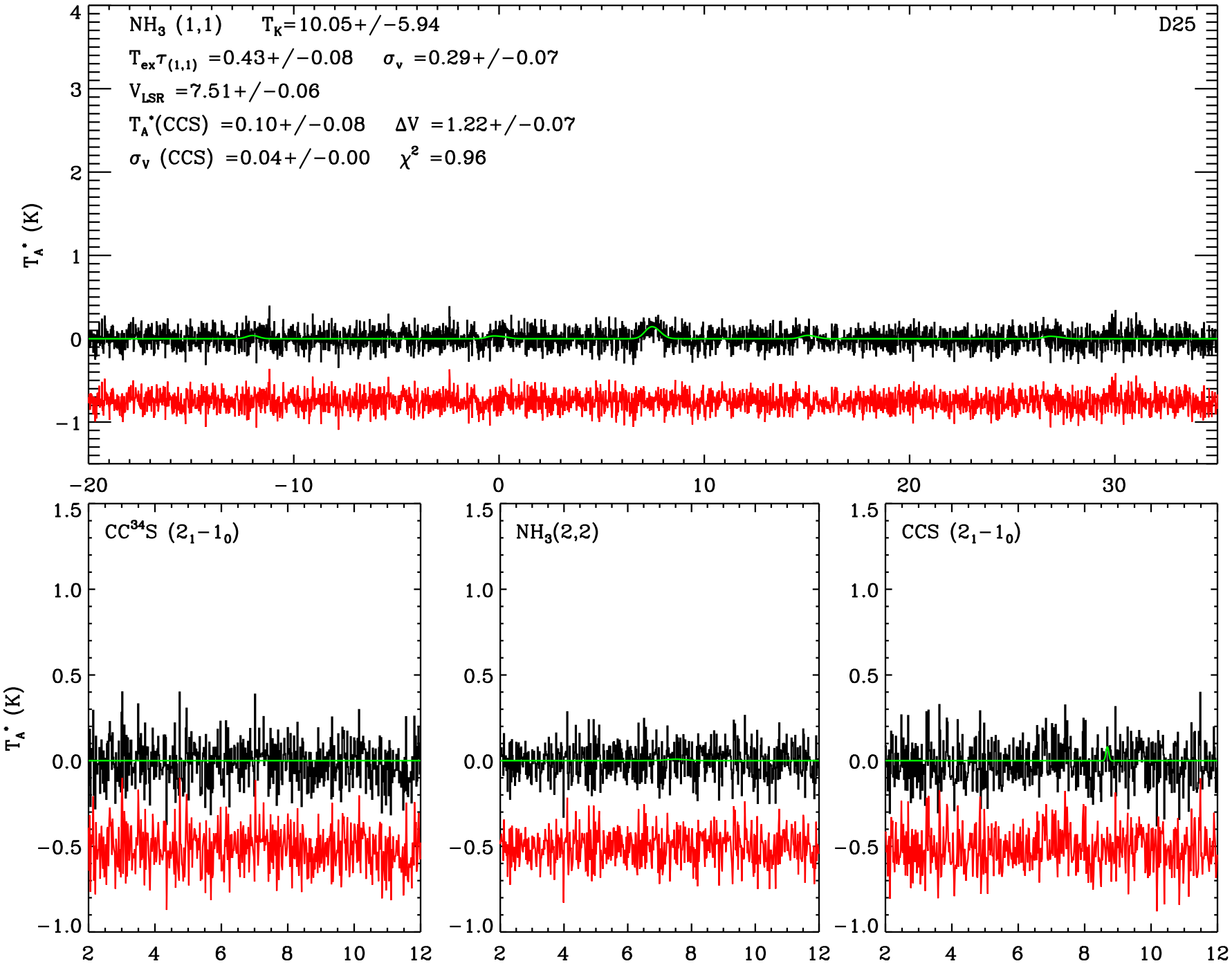

NH3 (1,1) TK=2.73+/−0.00
D20
Tex τ(1,1) =0.52+/−0.11 σv =0.20+/−0.05
VLSR =2.68+/−0.04
TA*(CCS) =0.12+/−0.08 ΔV =0.17+/−0.06
σV (CCS) =0.05+/−0.04 χ2 =1.01
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

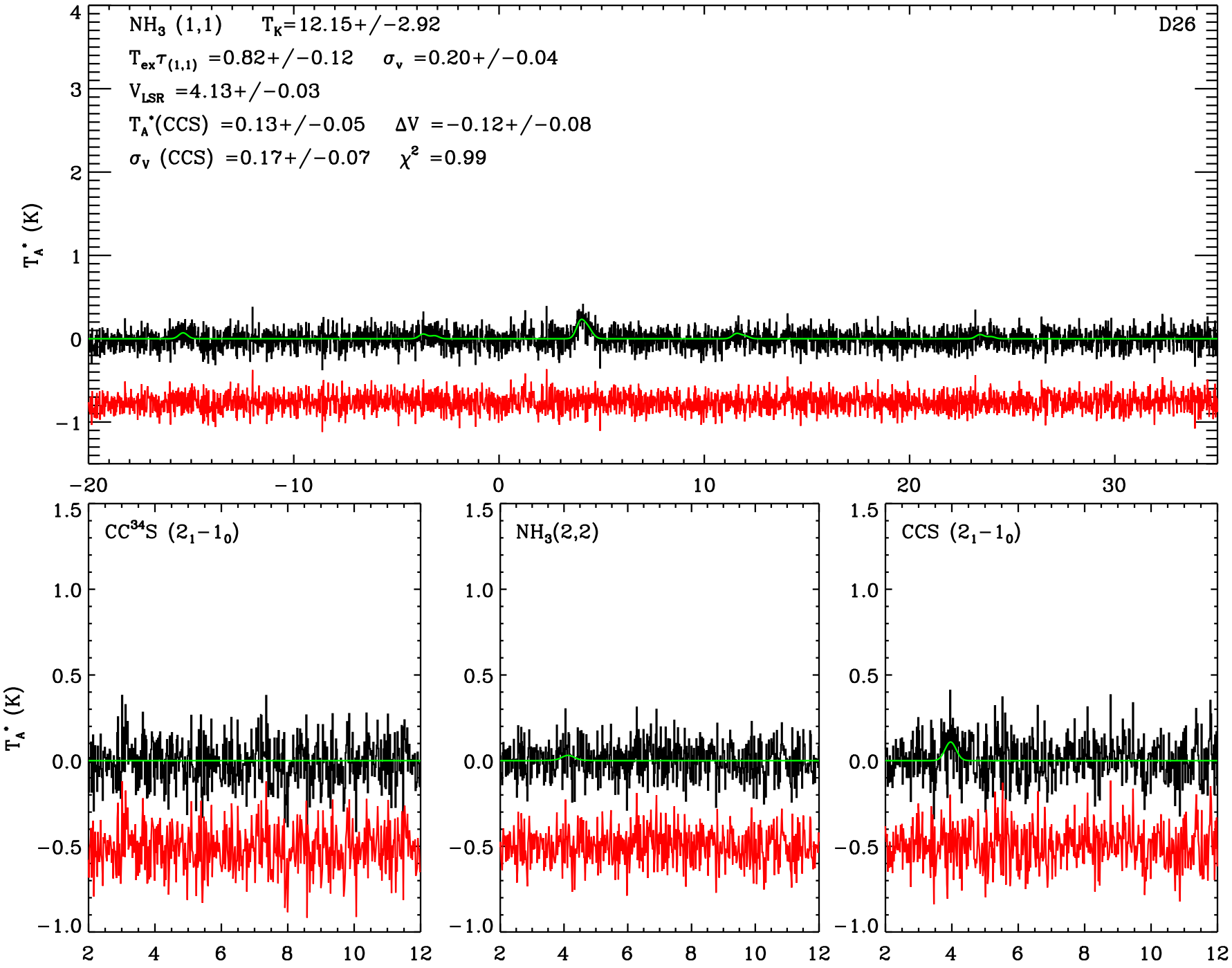

NH3 (1,1) TK=2.73+/−0.00
D21
Tex τ(1,1) =0.29+/−0.14 σv =0.10+/−0.05
VLSR =−2.44+/−0.06
TA*(CCS) =0.06+/−0.06 ΔV =−1.46+/−0.10
σV (CCS) =0.07+/−0.08 χ2 =1.02
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

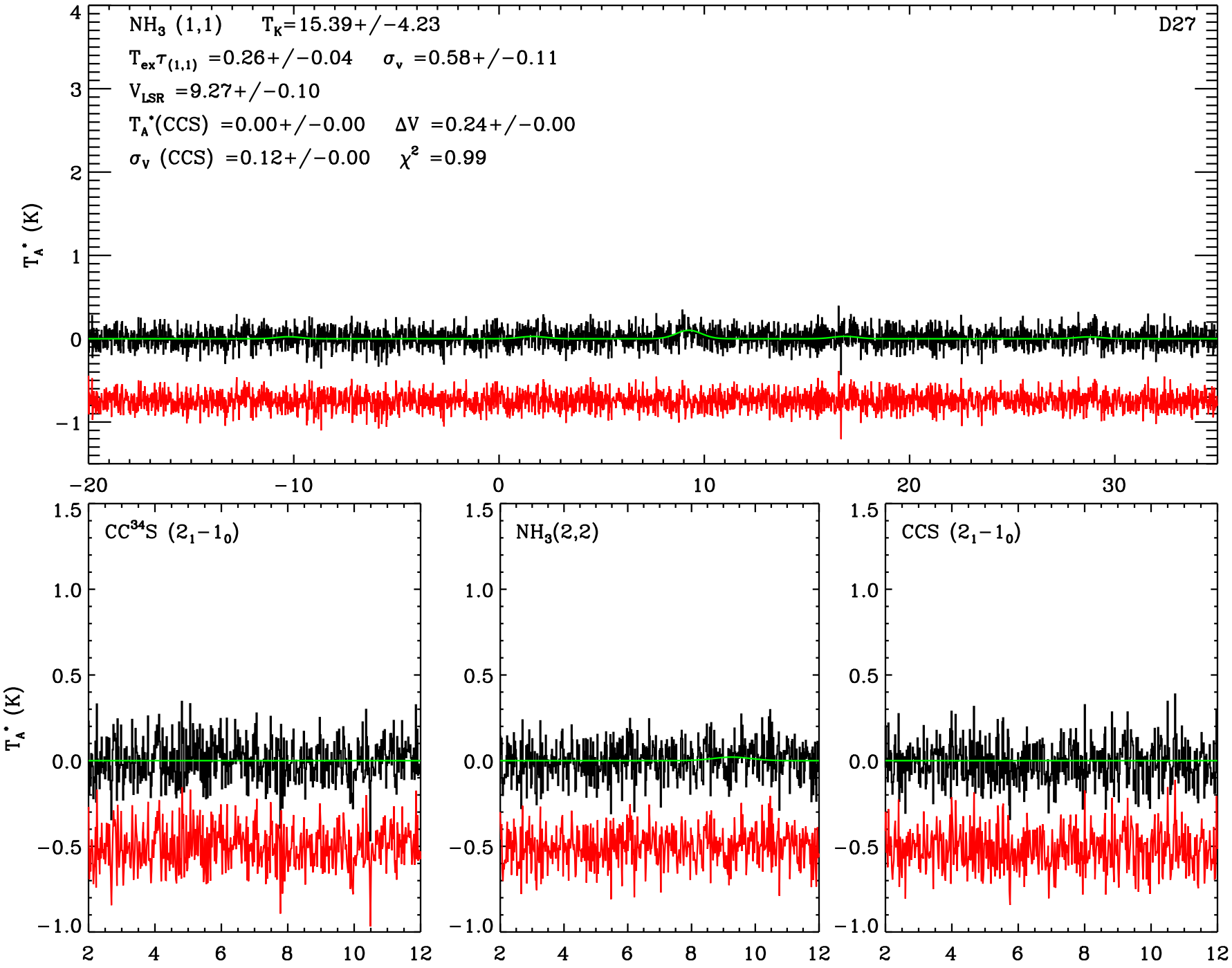

NH3 (1,1) TK=9.83+/−0.00
τ(1,1) =0.00+/−0.00 σv =0.15+/−0.00
VLSR =8.70+/−0.00 Tex =3.27+/−0.00
TA*(CCS) =0.00+/−0.00 ΔV =1.35+/−0.00
σV (CCS) =0.29+/−0.00 χ2 =0.99
D22
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

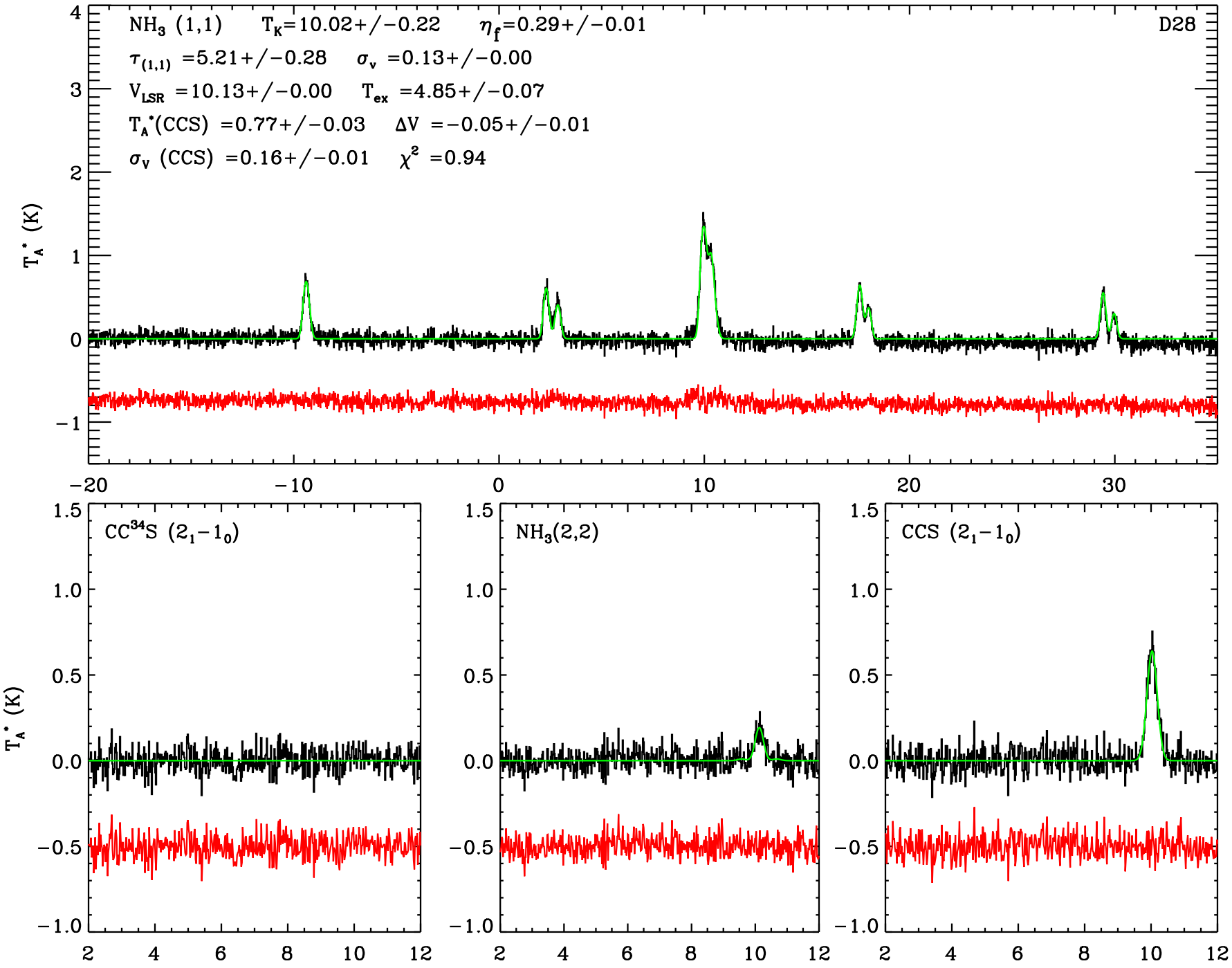

NH3 (1,1) TK=7.60+/−9.30
D23
Tex τ(1,1) =0.37+/−0.04 σv =0.49+/−0.07
VLSR =7.10+/−0.06
TA*(CCS) =0.14+/−0.07 ΔV =0.09+/−0.07
σV (CCS) =0.04+/−0.00 χ2 =0.99
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

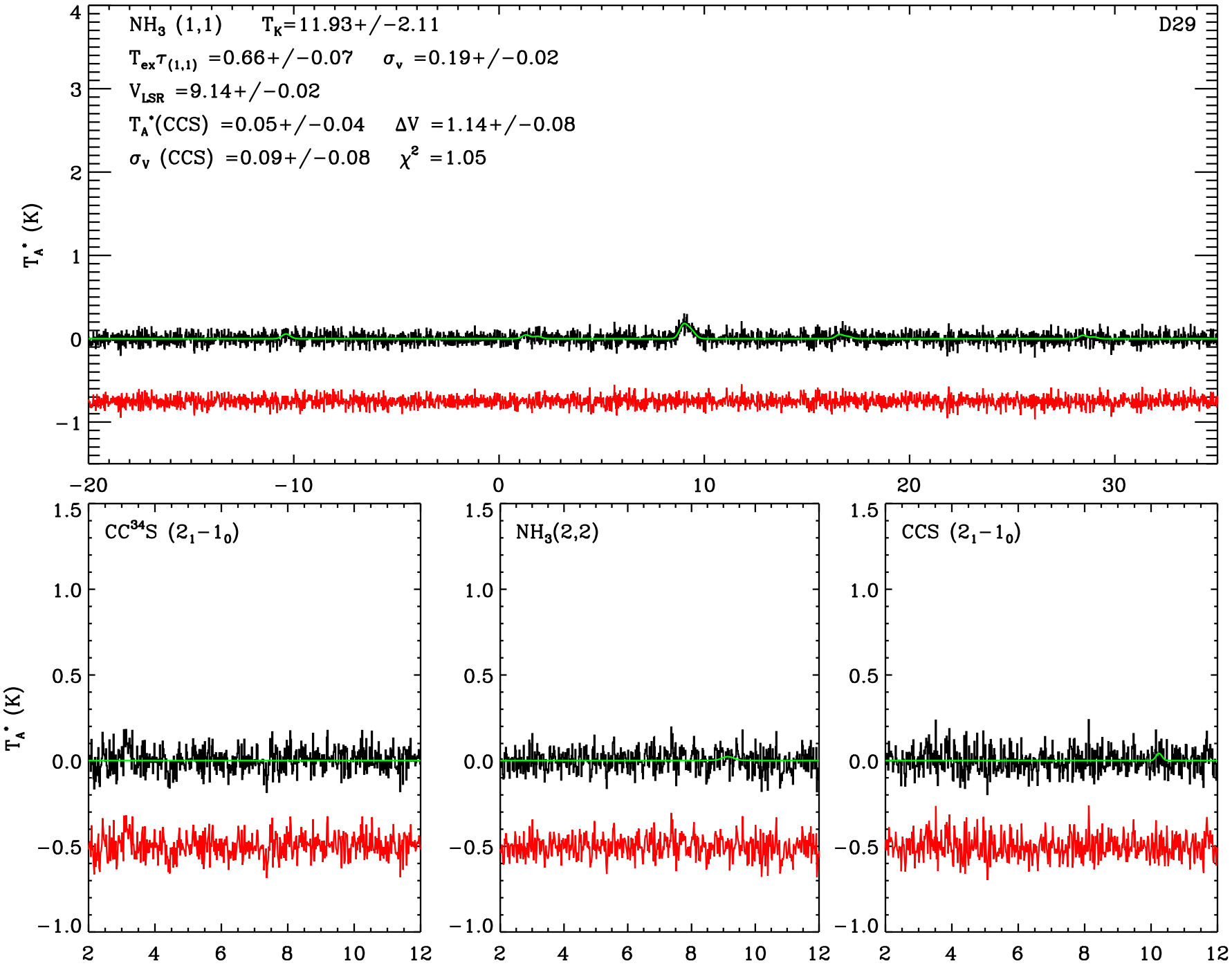

NH3 (1,1) TK=2.73+/−0.00
Tex τ(1,1) =0.18+/−0.06 σv =0.67+/−0.26
VLSR =14.74+/−0.24
TA*(CCS) =0.00+/−0.00 ΔV =0.05+/−0.00
σv (CCS) =0.14+/−0.00 χ2 =1.05
D24
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

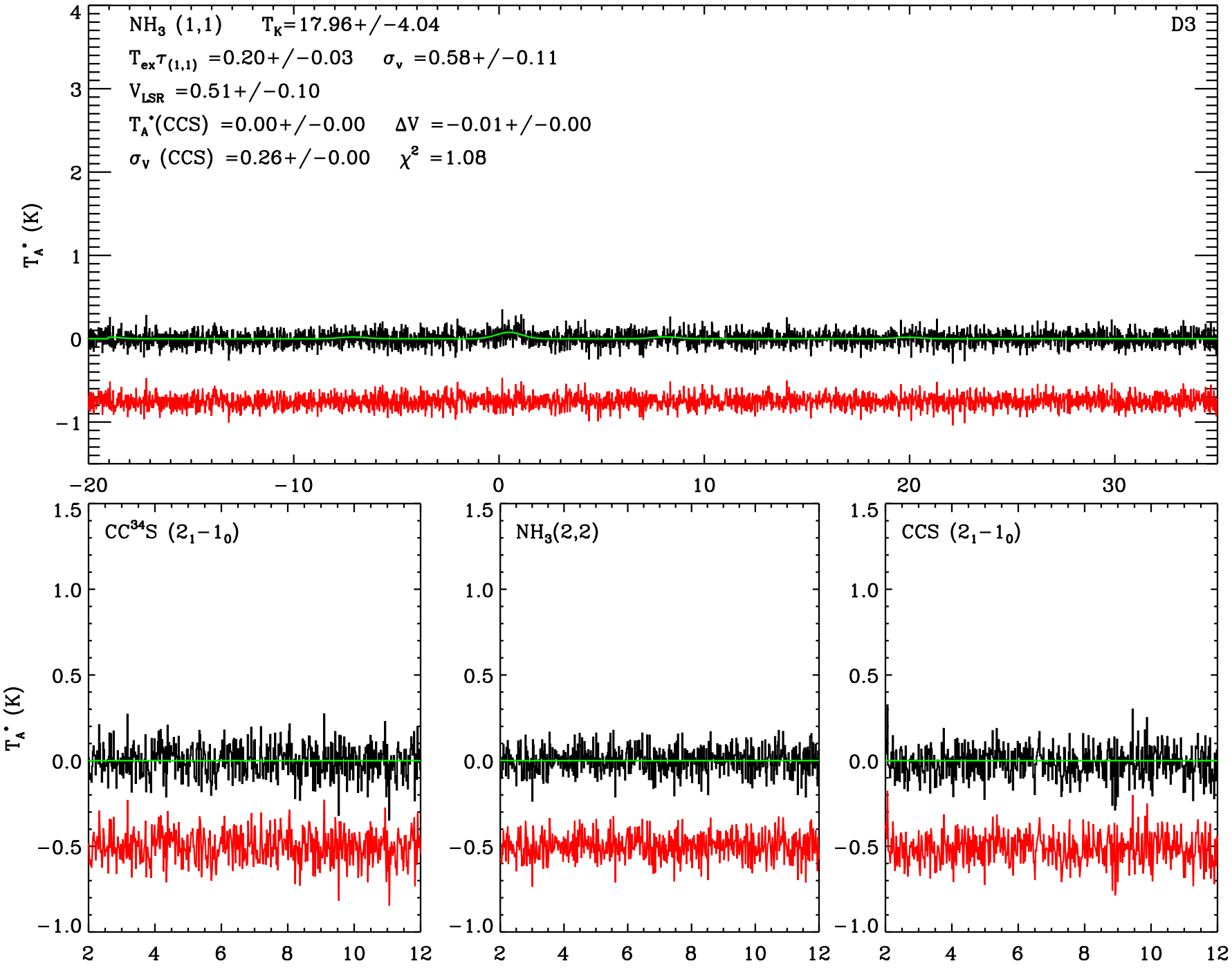

NH3 (1,1) TK=10.05+/−5.94
D25
Tex τ(1,1) =0.43+/−0.08 σv =0.29+/−0.07
VLSR =7.51+/−0.06
TA*(CCS) =0.10+/−0.08 ΔV =1.22+/−0.07
σV (CCS) =0.04+/−0.00 χ2 =0.96
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

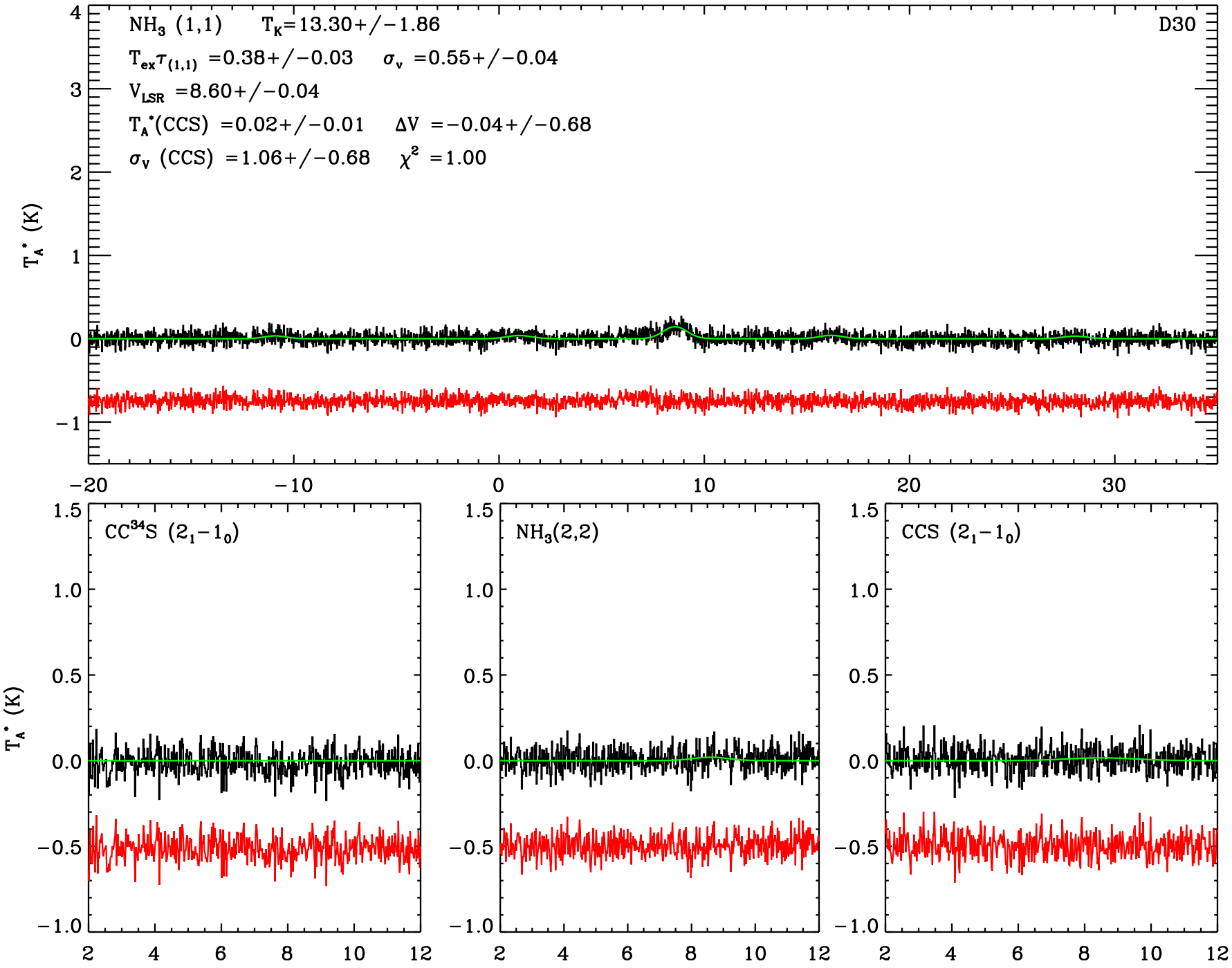

NH3 (1,1) TK=12.15+/−2.92
D26
Tex τ(1,1) =0.82+/−0.12 σv =0.20+/−0.04
VLSR =4.13+/−0.03
TA*(CCS) =0.13+/−0.05 ΔV =−0.12+/−0.08
σV (CCS) =0.17+/−0.07 χ2 =0.99
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

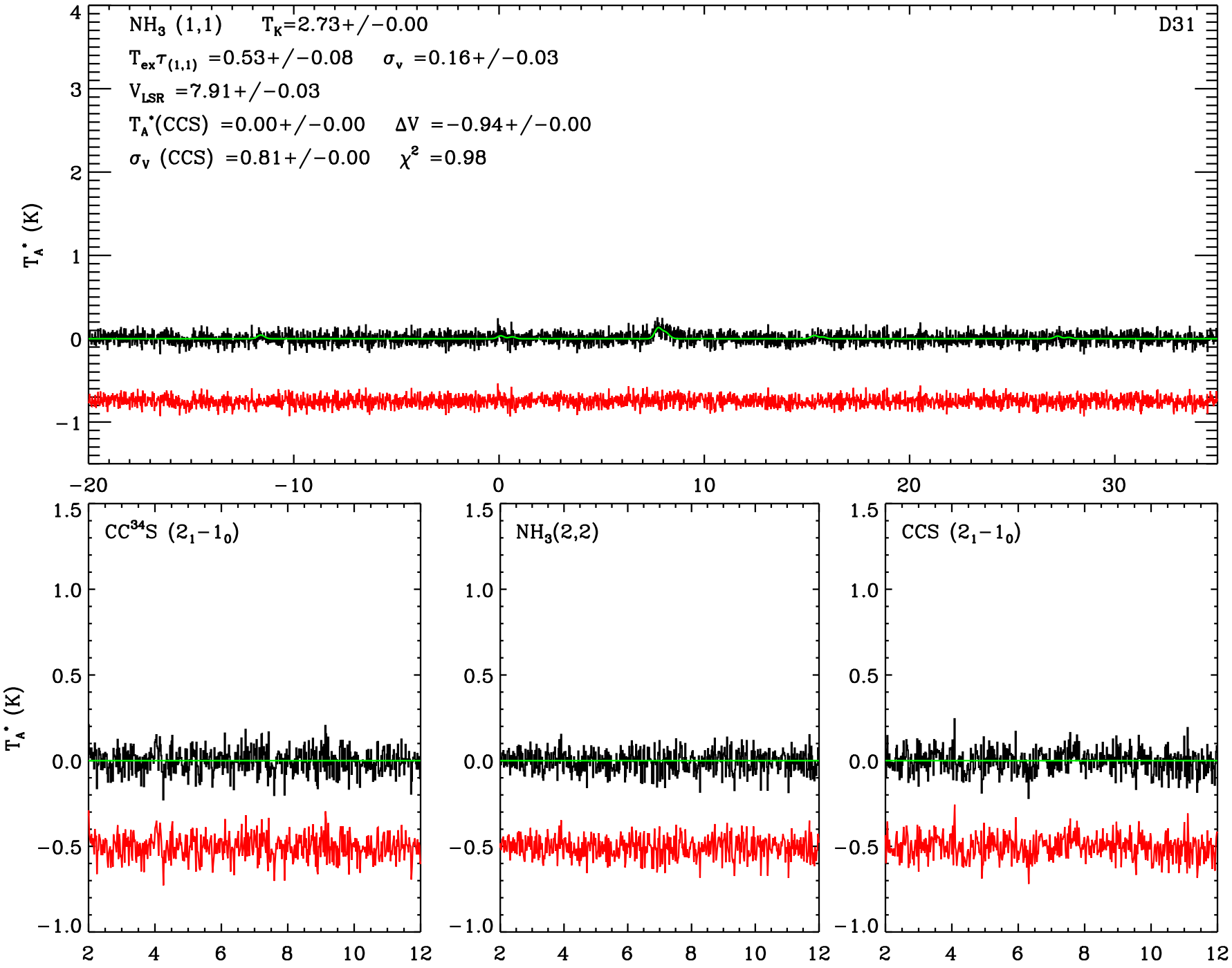

NH3 (1,1) TK=15.39+/−4.23
D27
Tex τ(1,1) =0.26+/−0.04 σv =0.58+/−0.11
VLSR =9.27+/−0.10
TA*(CCS) =0.00+/−0.00 ΔV =0.24+/−0.00
σV (CCS) =0.12+/−0.00 χ2 =0.99
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

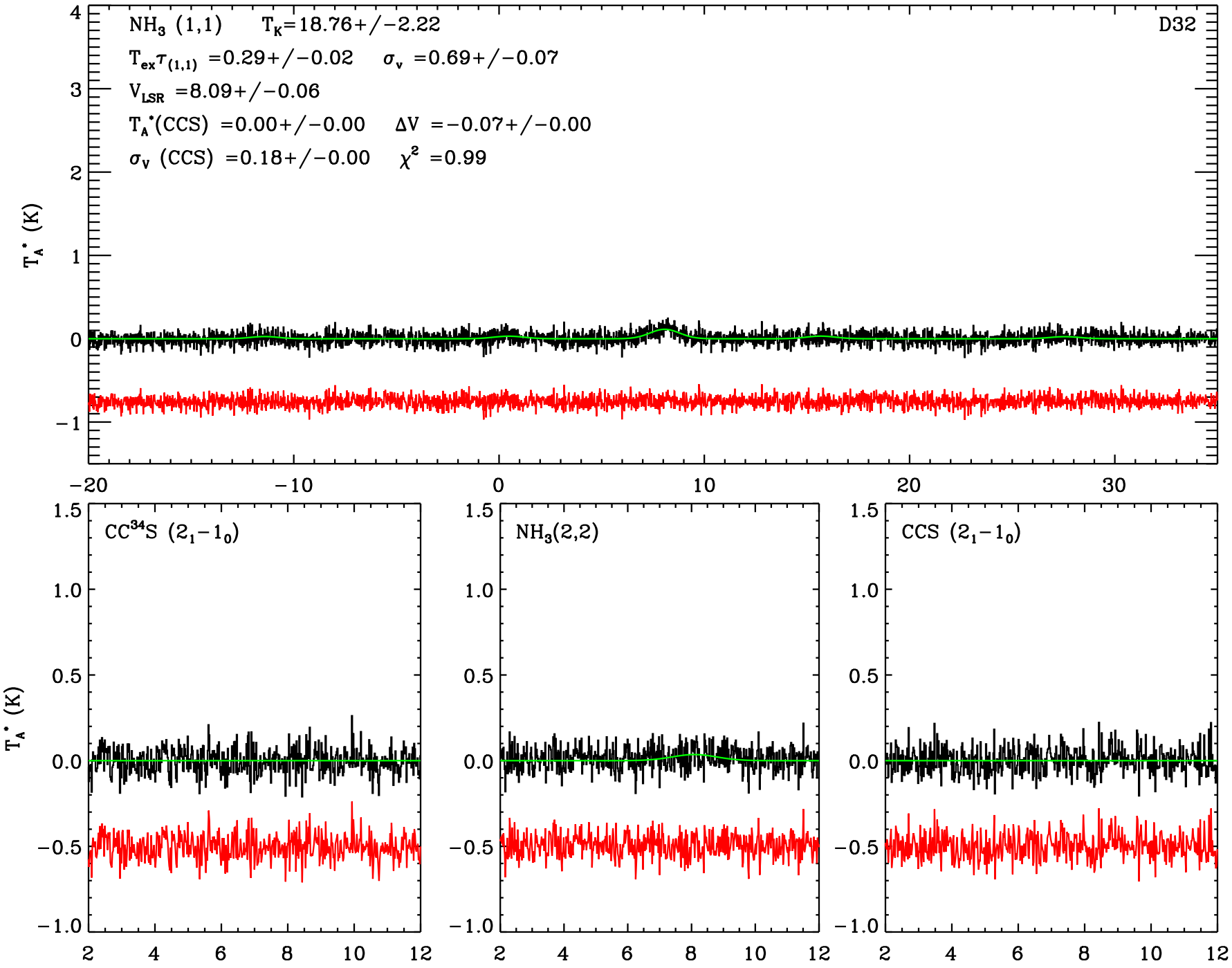

NH3 (1,1) TK=10.02+/−0.22 ηf=0.29+/−0.01
τ(1,1) =5.21+/−0.28 σv =0.13+/−0.00
VLSR =10.13+/−0.00 Tex =4.85+/−0.07
TA*(CCS) =0.77+/−0.03 ΔV =−0.05+/−0.01
σV (CCS) =0.16+/−0.01 χ2 =0.94
D28
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

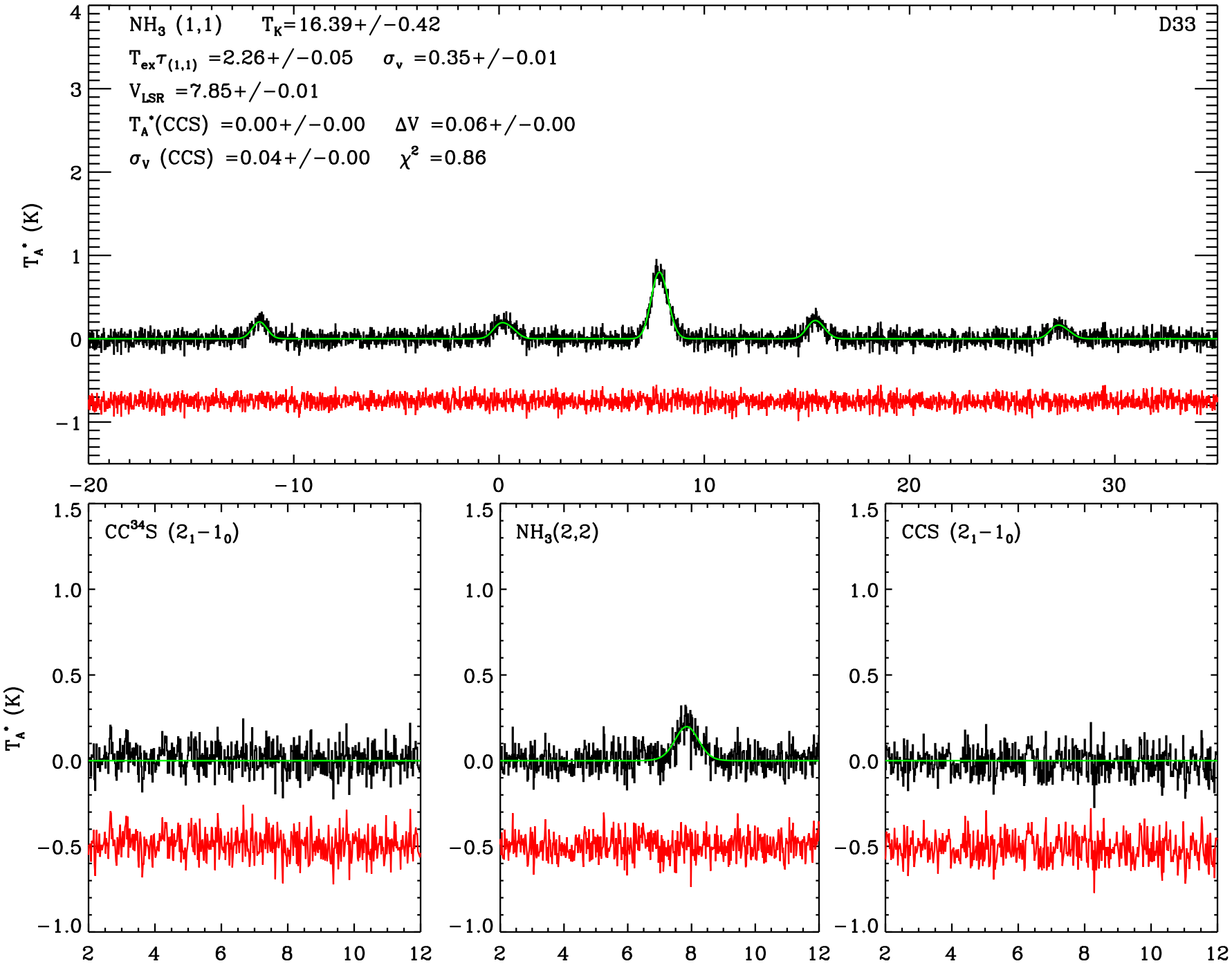

NH3 (1,1) TK=11.93+/−2.11
D29
Tex τ(1,1) =0.66+/−0.07 σv =0.19+/−0.02
VLSR =9.14+/−0.02
TA*(CCS) =0.05+/−0.04 ΔV =1.14+/−0.08
σv (CCS) =0.09+/−0.08 χ2 =1.05
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

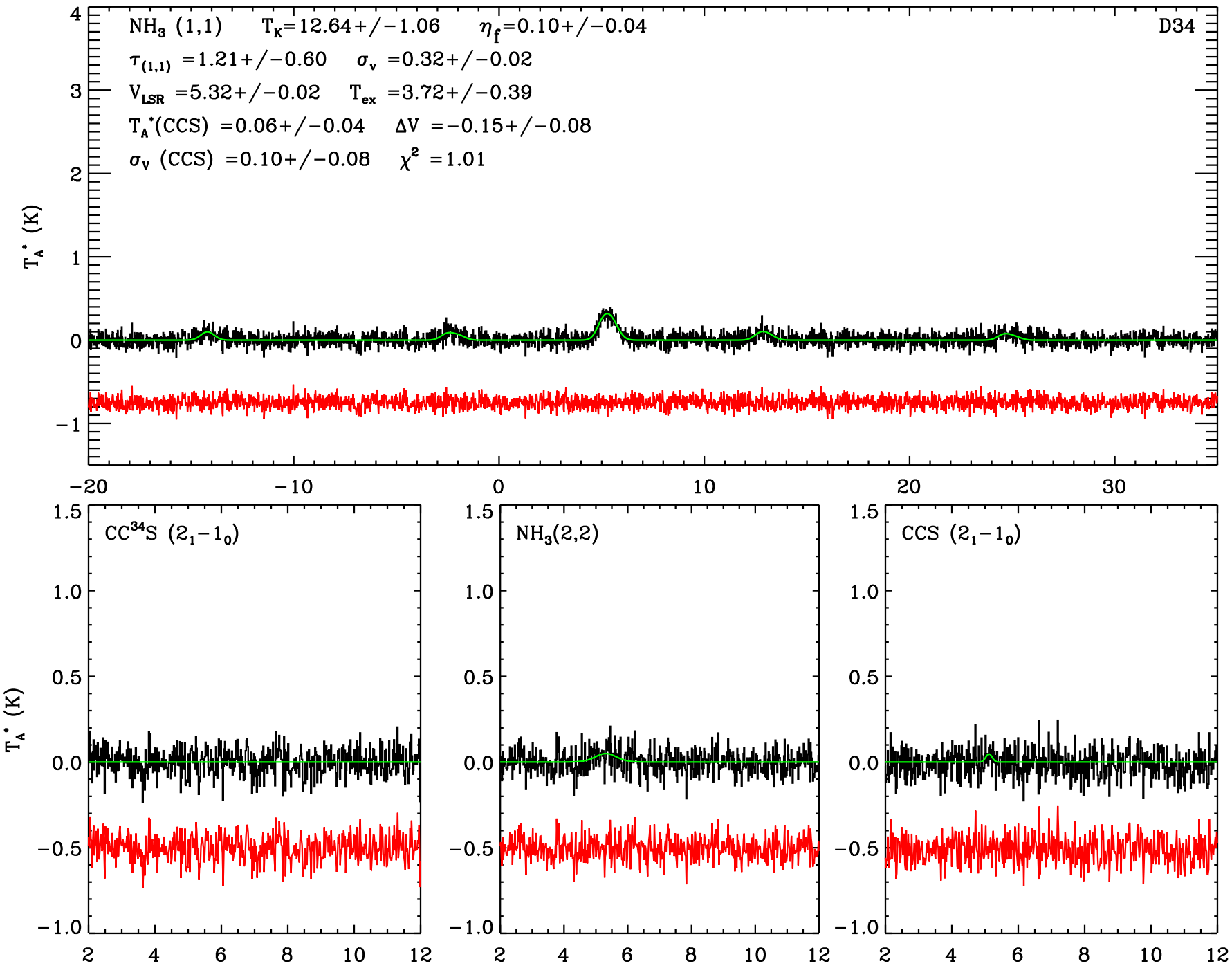

NH3 (1,1) TK=17.96+/−4.04
D3
Tex τ(1,1) =0.20+/−0.03 σv =0.58+/−0.11
VLSR =0.51+/−0.10
TA*(CCS) =0.00+/−0.00 ΔV =−0.01+/−0.00
σV (CCS) =0.26+/−0.00 χ2 =1.08
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

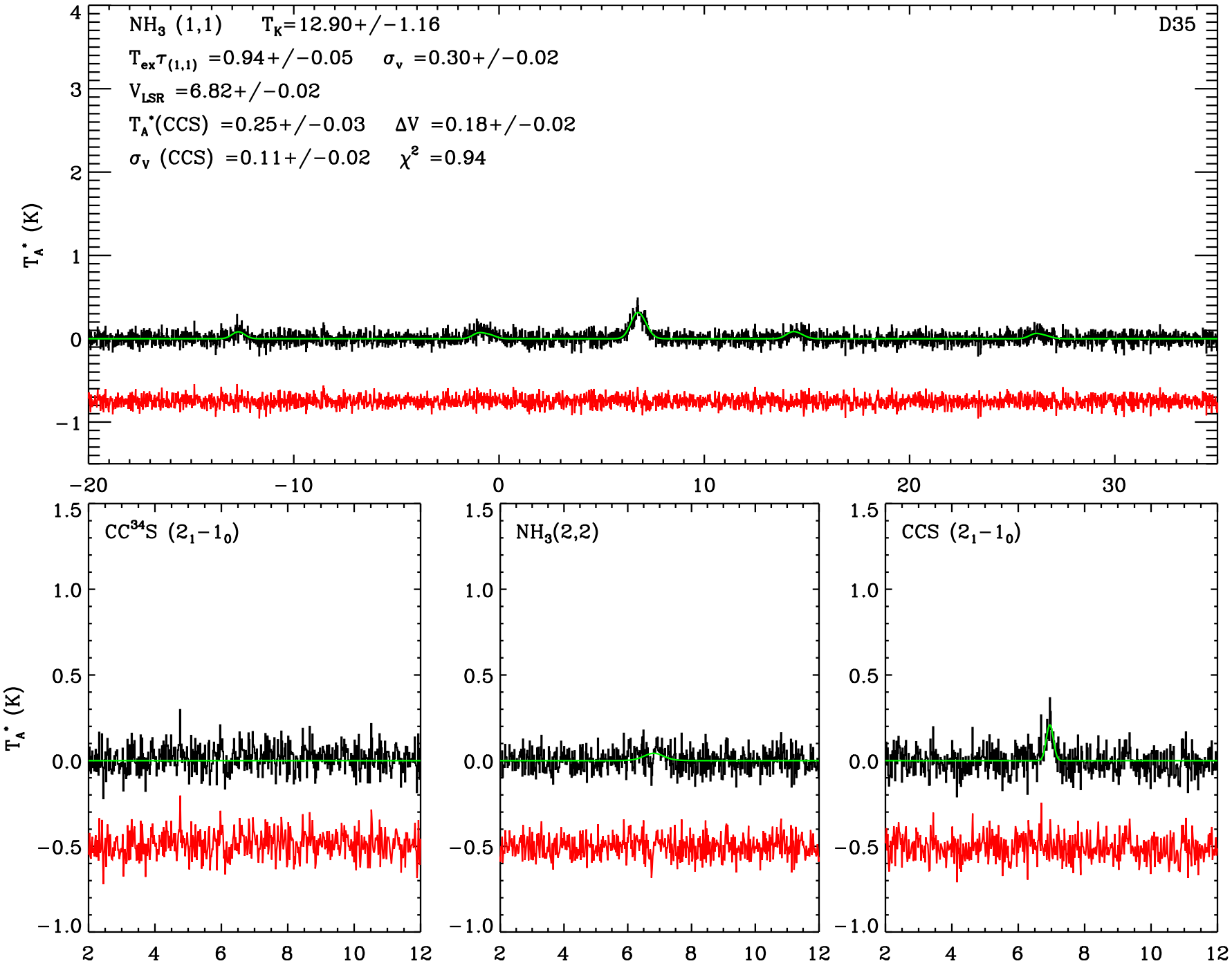

NH3 (1,1) TK=13.30+/−1.86
D30
Tex τ(1,1) =0.38+/−0.03 σv =0.55+/−0.04
VLSR =8.60+/−0.04
TA*(CCS) =0.02+/−0.01 ΔV =−0.04+/−0.68
σV (CCS) =1.06+/−0.68 χ2 =1.00
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

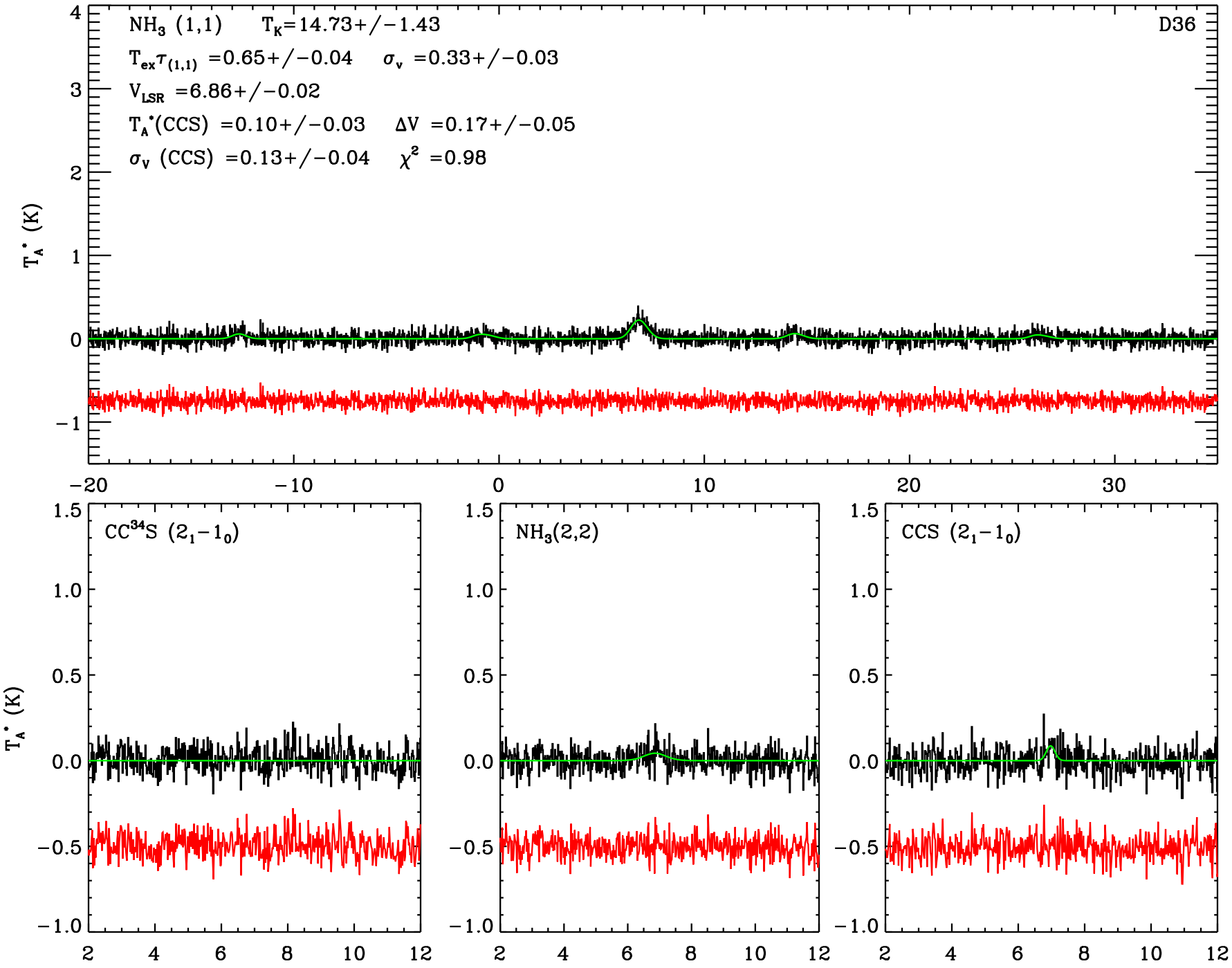

NH3 (1,1) TK=2.73+/−0.00
Tex τ(1,1) =0.53+/−0.08 σv =0.16+/−0.03
VLSR =7.91+/−0.03
TA*(CCS) =0.00+/−0.00 ΔV =−0.94+/−0.00
σv (CCS) =0.81+/−0.00 χ2 =0.98
D31
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

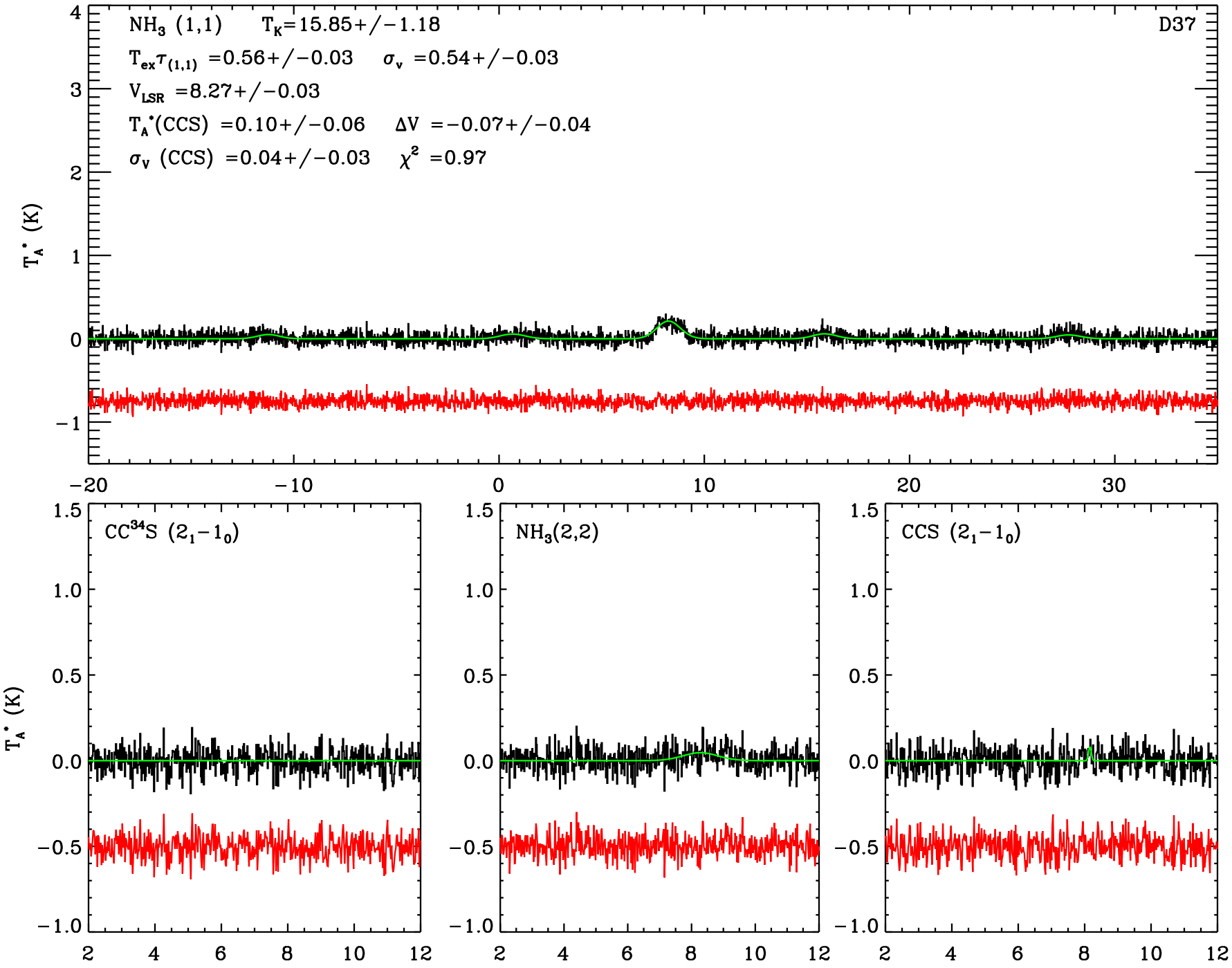

NH3 (1,1) TK=18.76+/−2.22
D32
Tex τ(1,1) =0.29+/−0.02 σv =0.69+/−0.07
VLSR =8.09+/−0.06
TA*(CCS) =0.00+/−0.00 ΔV =−0.07+/−0.00
σV (CCS) =0.18+/−0.00 χ2 =0.99
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

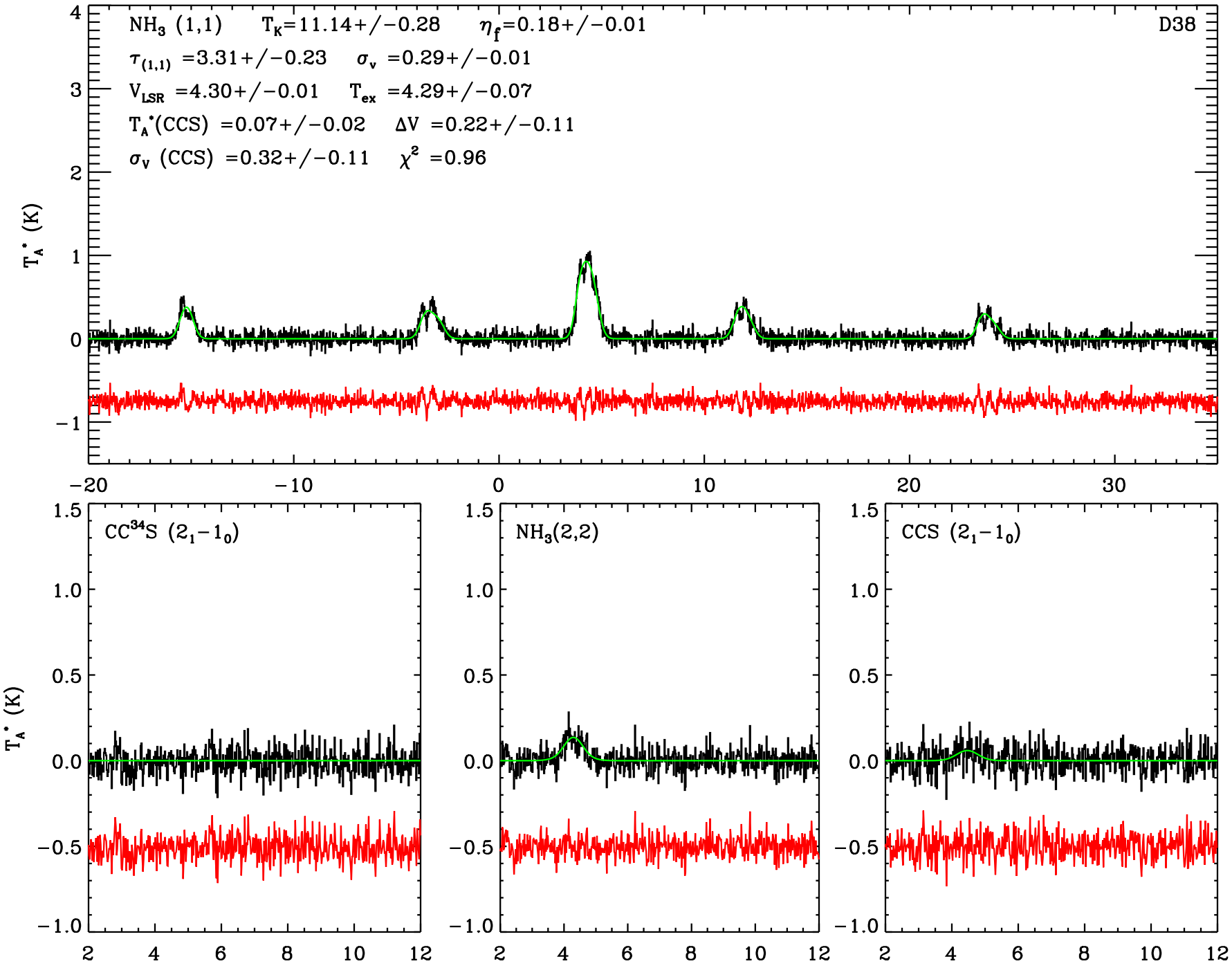

NH3 (1,1) TK=16.39+/−0.42
Tex τ(1,1) =2.26+/−0.05 σv =0.35+/−0.01
VLSR =7.85+/−0.01
TA*(CCS) =0.00+/−0.00 ΔV =0.06+/−0.00
σV (CCS) =0.04+/−0.00 χ2 =0.86
D33
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

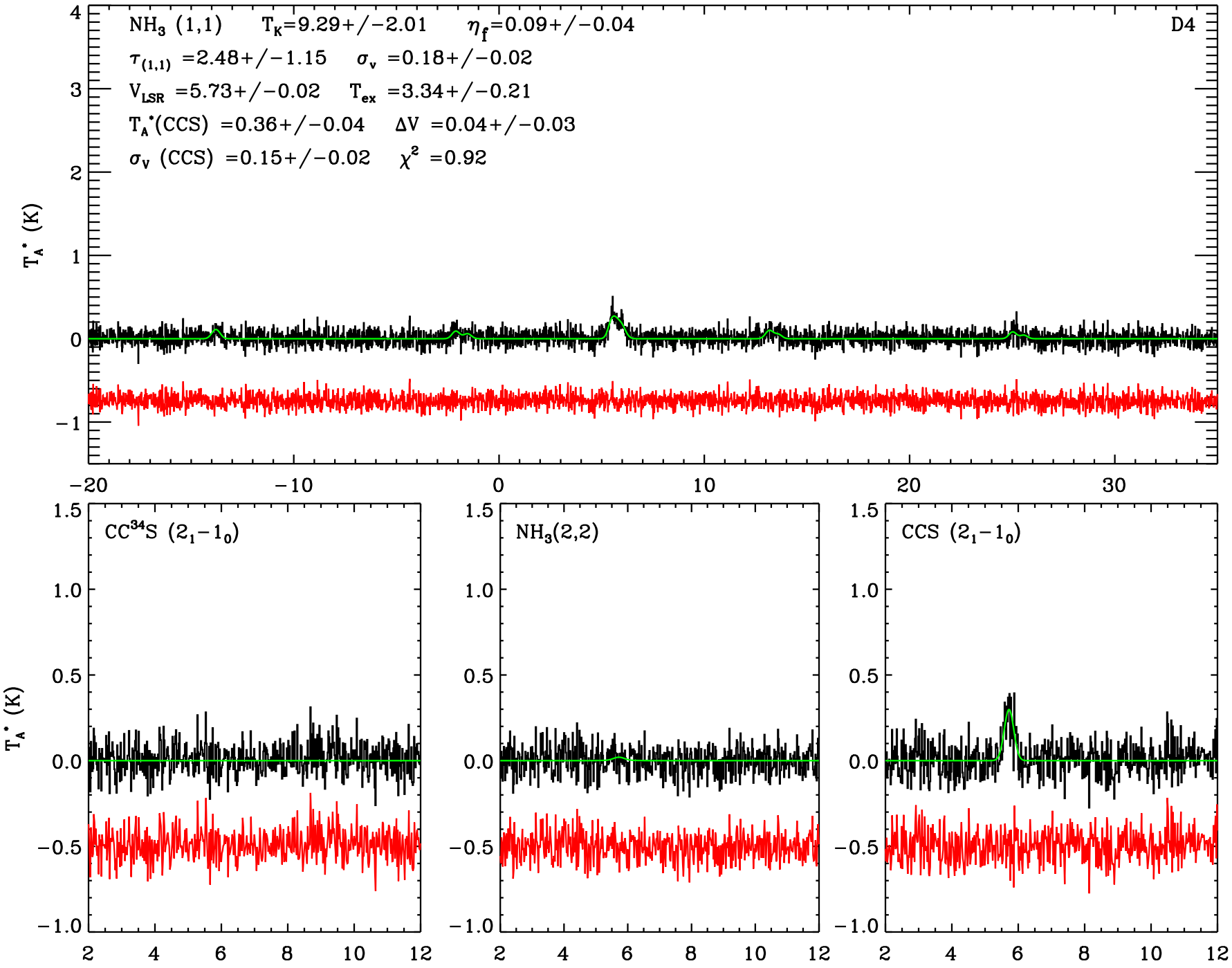

NH3 (1,1) TK=12.64+/−1.06 ηf=0.10+/−0.04
τ(1,1) =1.21+/−0.60 σv =0.32+/−0.02
VLSR =5.32+/−0.02 Tex =3.72+/−0.39
TA*(CCS) =0.06+/−0.04 ΔV =−0.15+/−0.08
σV (CCS) =0.10+/−0.08 χ2 =1.01
D34
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

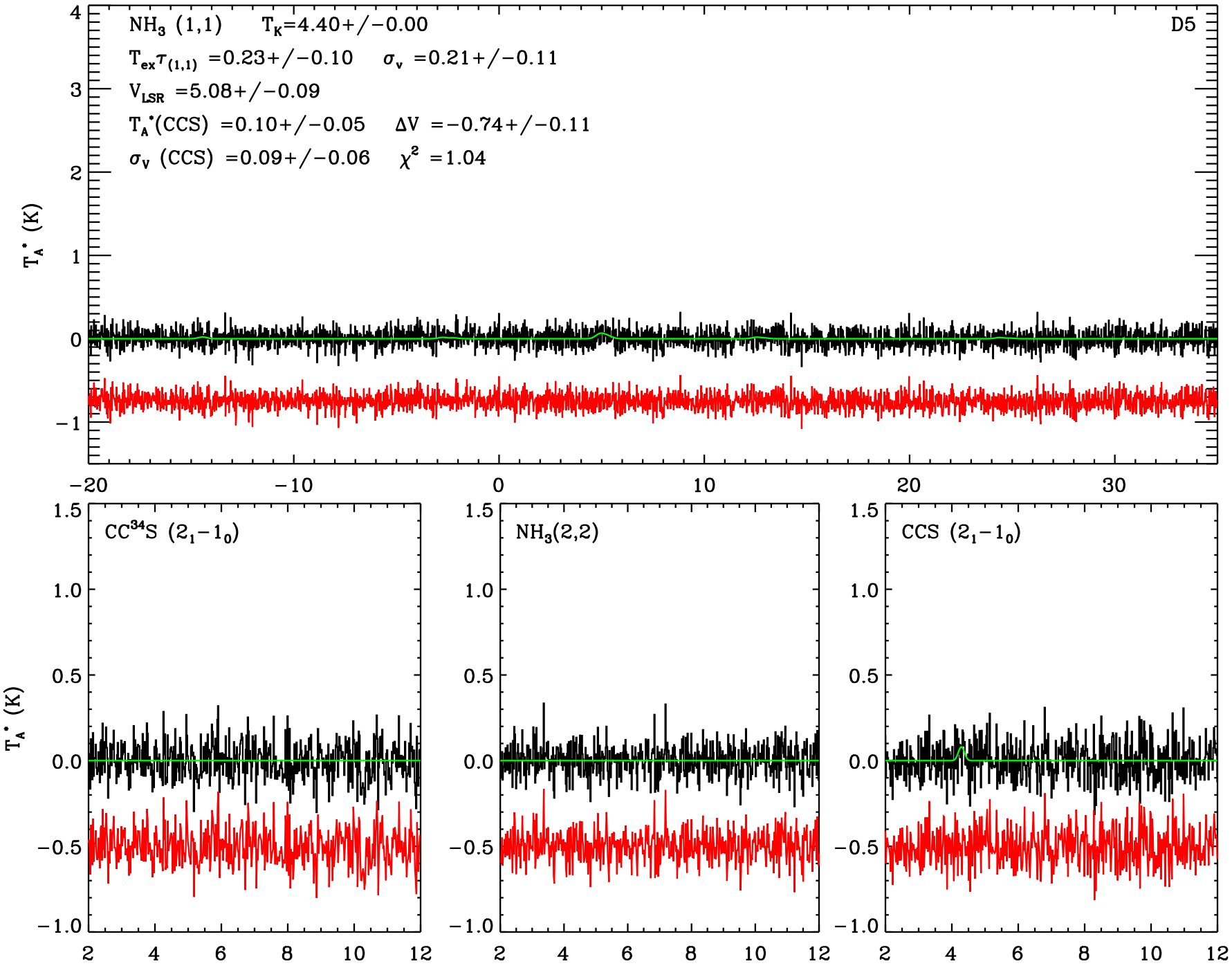

NH3 (1,1) TK=12.90+/−1.16
D35
Tex τ(1,1) =0.94+/−0.05 σv =0.30+/−0.02
VLSR =6.82+/−0.02
TA*(CCS) =0.25+/−0.03 ΔV =0.18+/−0.02
σV (CCS) =0.11+/−0.02 χ2 =0.94
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

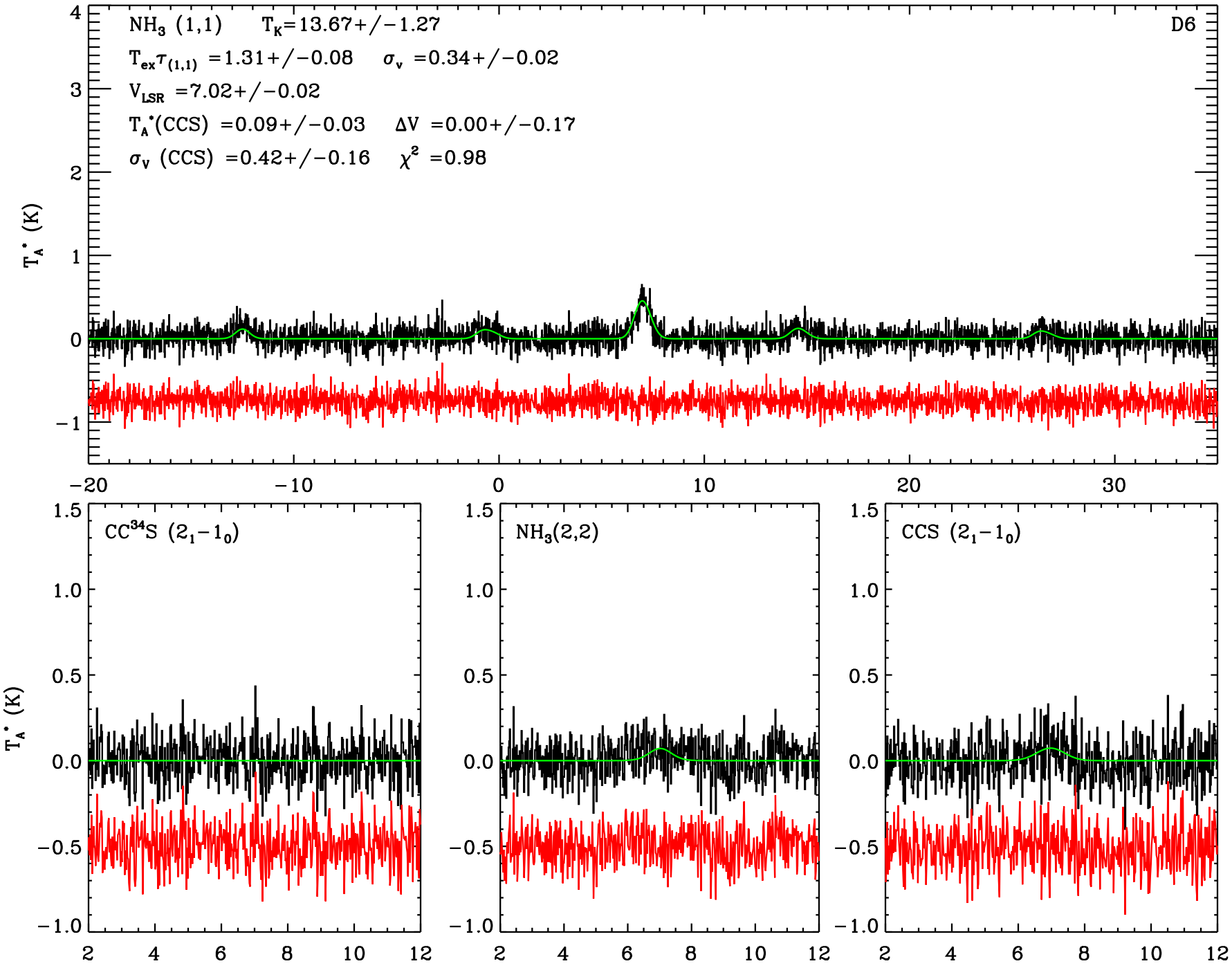

NH3 (1,1) TK=14.73+/−1.43
D36
Tex τ(1,1) =0.65+/−0.04 σv =0.33+/−0.03
VLSR =6.86+/−0.02
TA*(CCS) =0.10+/−0.03 ΔV =0.17+/−0.05
σv (CCS) =0.13+/−0.04 χ2 =0.98
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

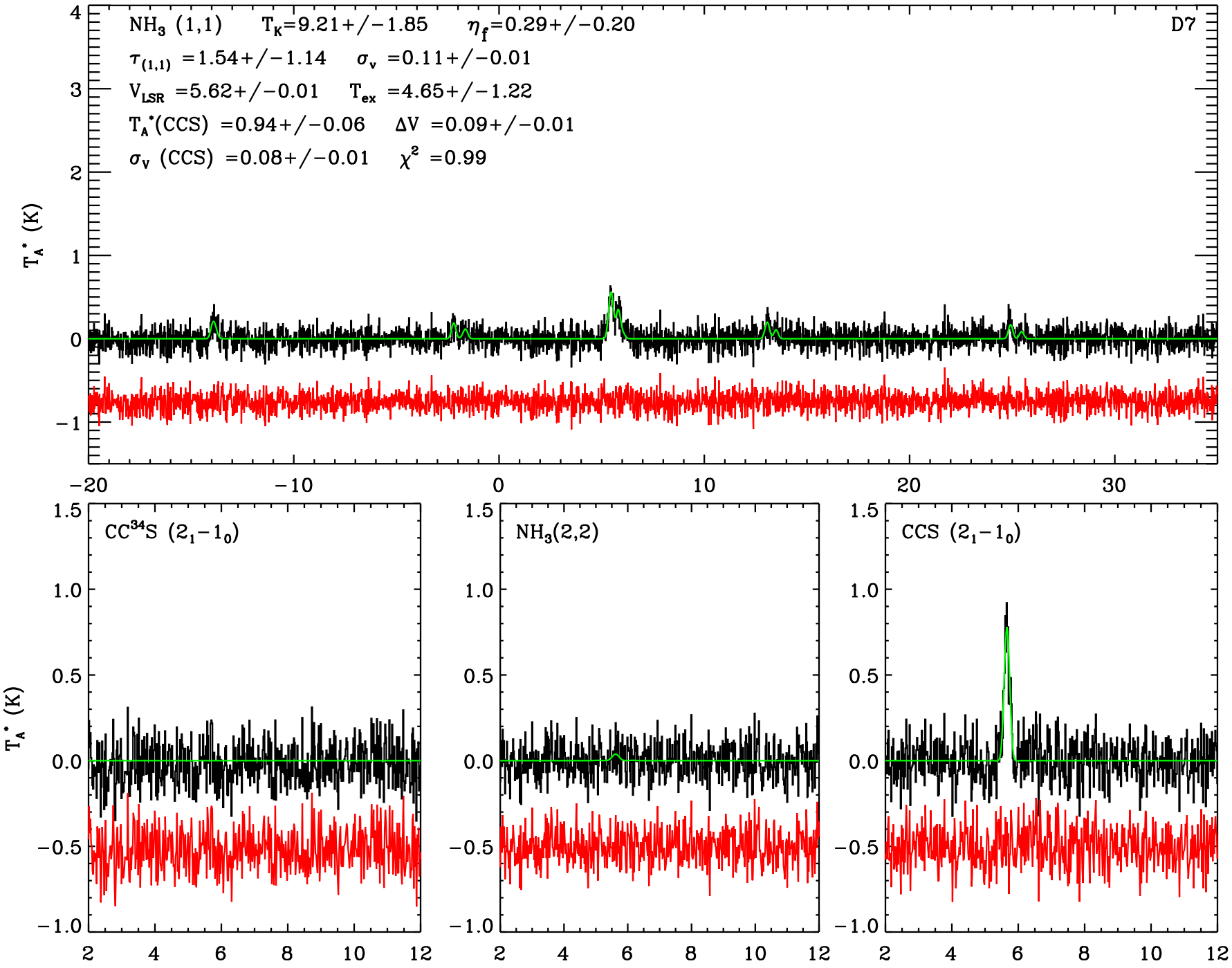

NH3 (1,1) TK=15.85+/−1.18
D37
Tex τ(1,1) =0.56+/−0.03 σv =0.54+/−0.03
VLSR =8.27+/−0.03
TA*(CCS) =0.10+/−0.06 ΔV =−0.07+/−0.04
σV (CCS) =0.04+/−0.03 χ2 =0.97
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

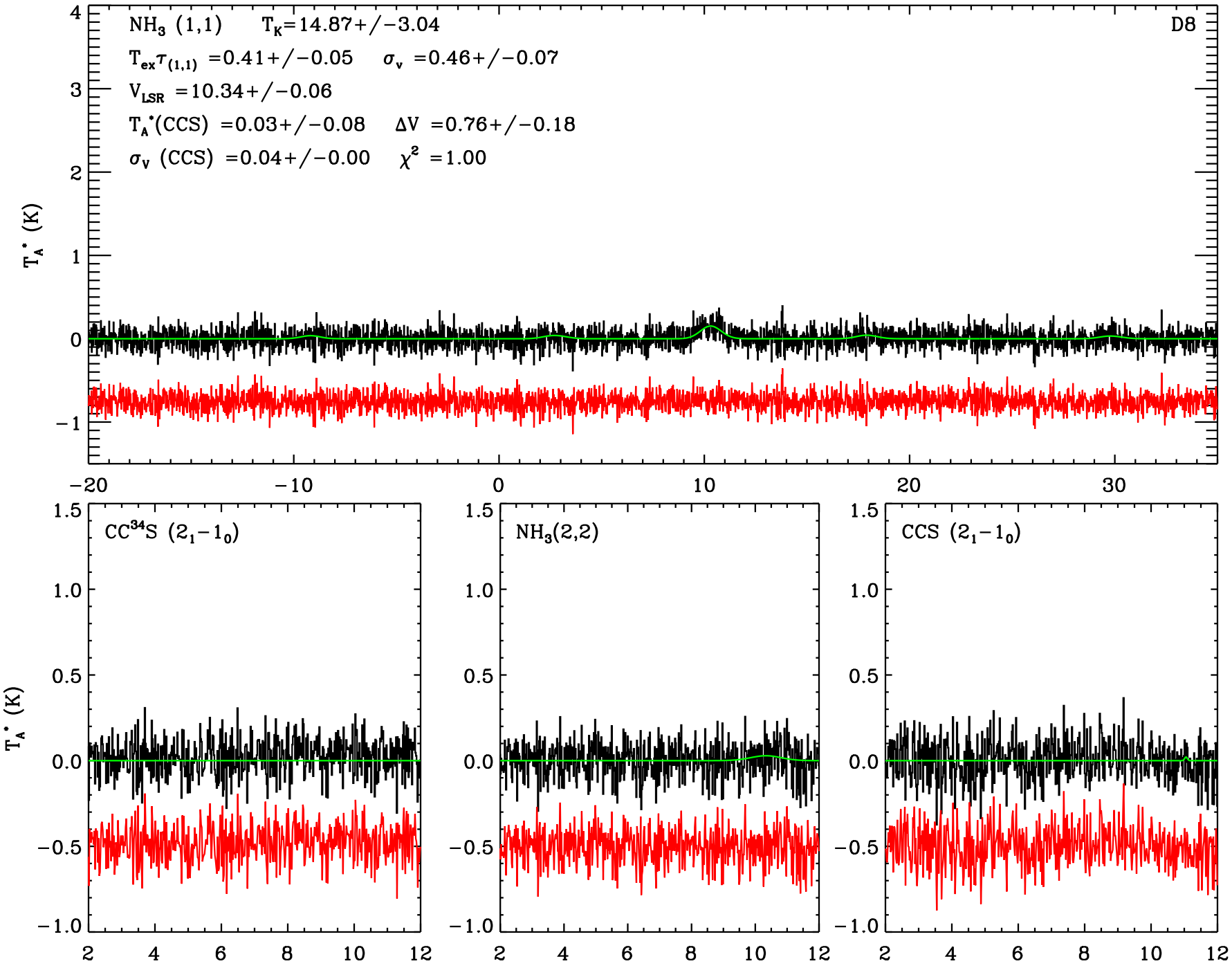

NH3 (1,1) TK=11.14+/−0.28 ηf=0.18+/−0.01
τ(1,1) =3.31+/−0.23 σv =0.29+/−0.01
VLSR =4.30+/−0.01 Tex =4.29+/−0.07
TA*(CCS) =0.07+/−0.02 ΔV =0.22+/−0.11
σV (CCS) =0.32+/−0.11 χ2 =0.96
D38
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

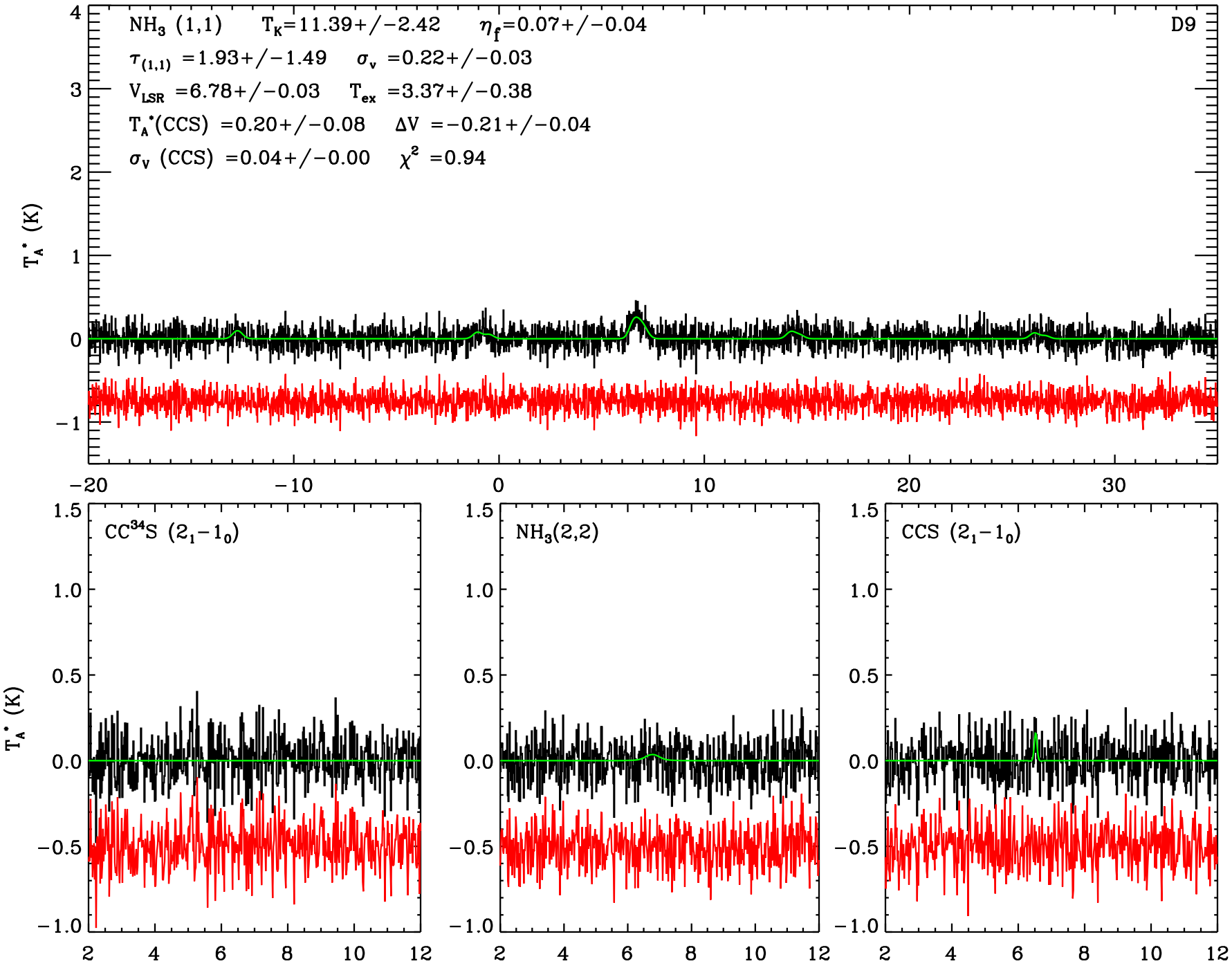

NH3 (1,1) TK=9.29+/−2.01 ηf=0.09+/−0.04
τ(1,1) =2.48+/−1.15 σv =0.18+/−0.02
VLSR =5.73+/−0.02 Tex =3.34+/−0.21
TA*(CCS) =0.36+/−0.04 ΔV =0.04+/−0.03
σV (CCS) =0.15+/−0.02 χ2 =0.92
D4
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

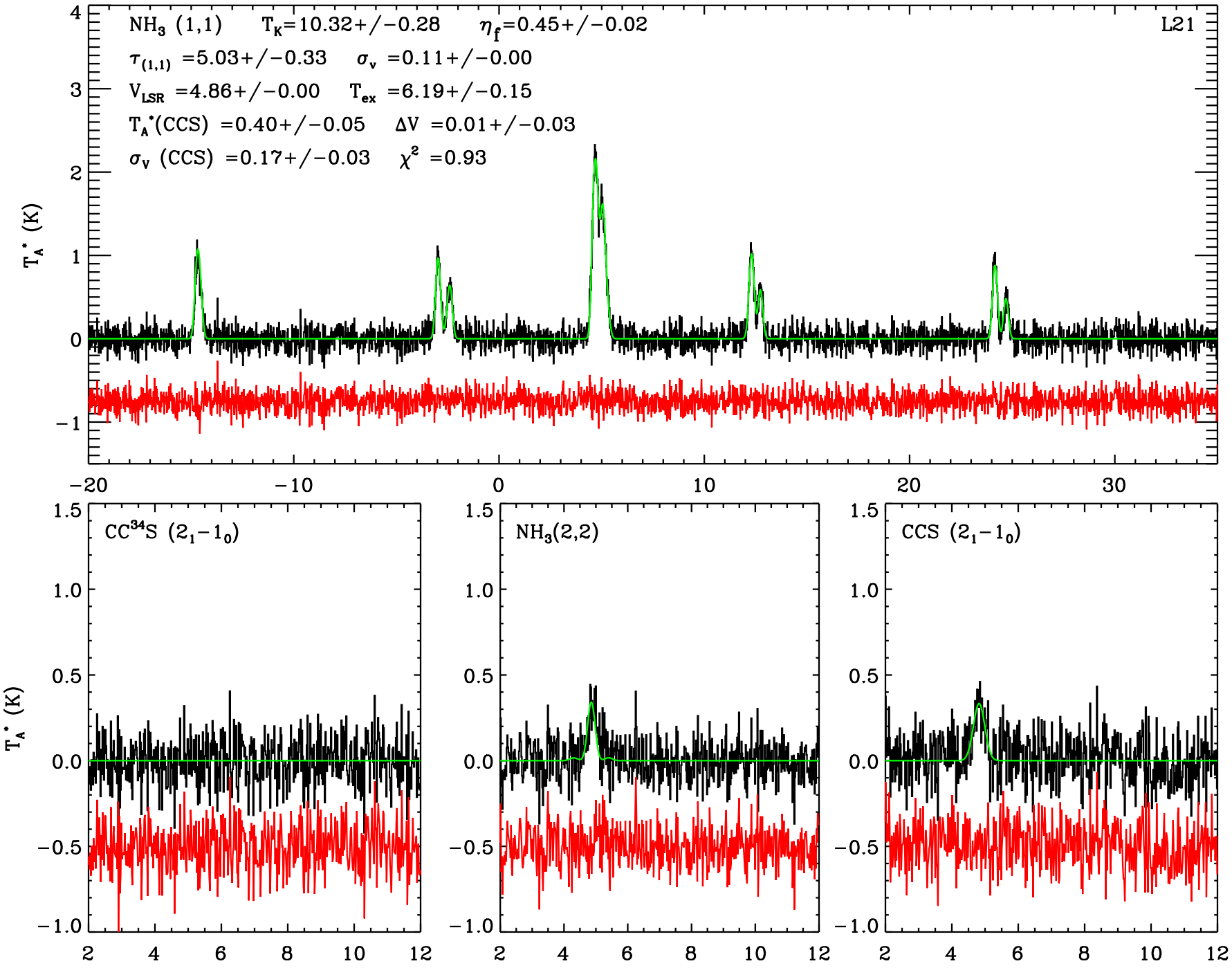

NH3 (1,1) TK=4.40+/−0.00
Tex τ(1,1) =0.23+/−0.10 σv =0.21+/−0.11
VLSR =5.08+/−0.09
TA*(CCS) =0.10+/−0.05 ΔV =−0.74+/−0.11
σV (CCS) =0.09+/−0.06 χ2 =1.04
D5
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

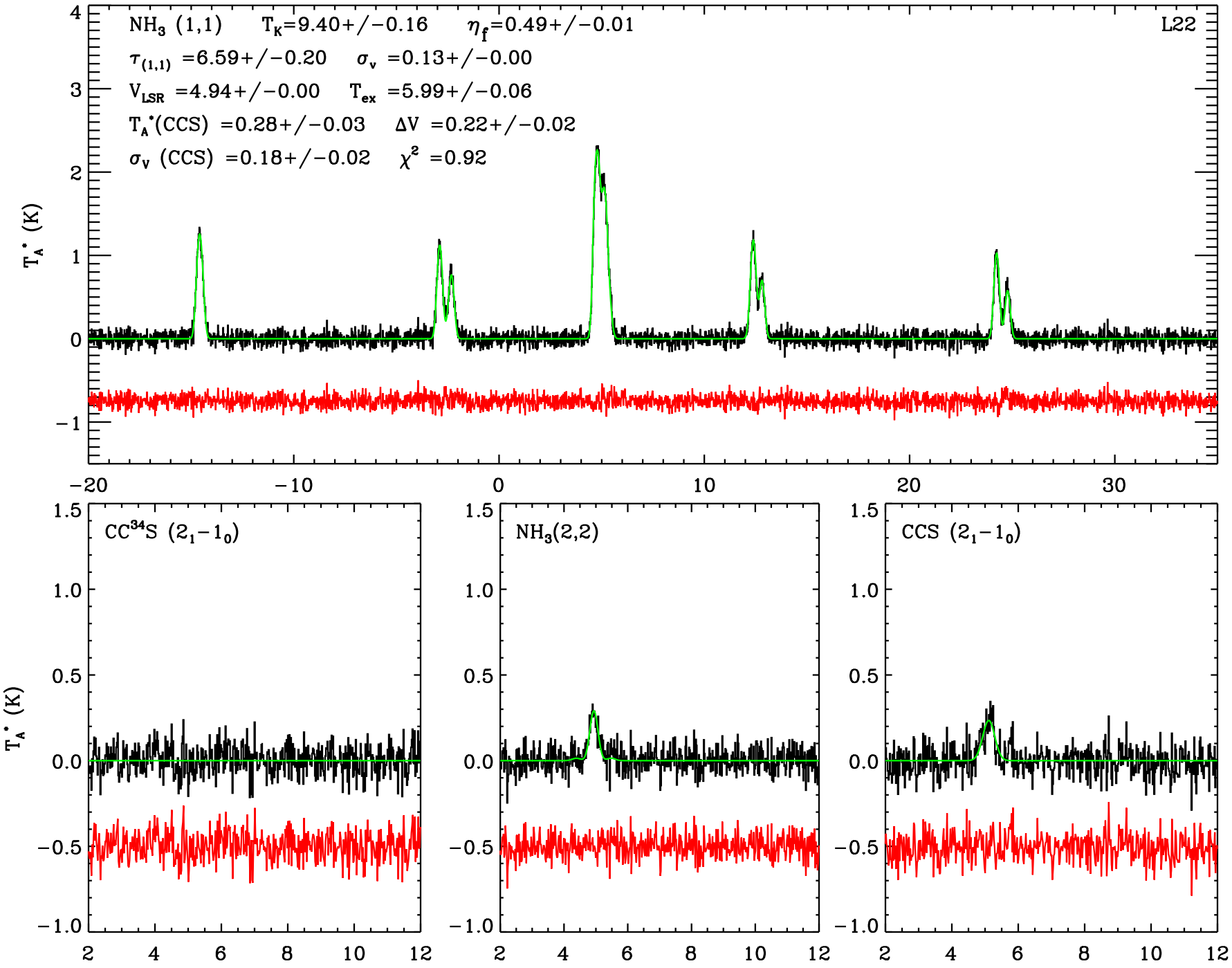

NH3 (1,1) TK=13.67+/−1.27
D6
Tex τ(1,1) =1.31+/−0.08 σv =0.34+/−0.02
VLSR =7.02+/−0.02
TA*(CCS) =0.09+/−0.03 ΔV =0.00+/−0.17
σV (CCS) =0.42+/−0.16 χ2 =0.98
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

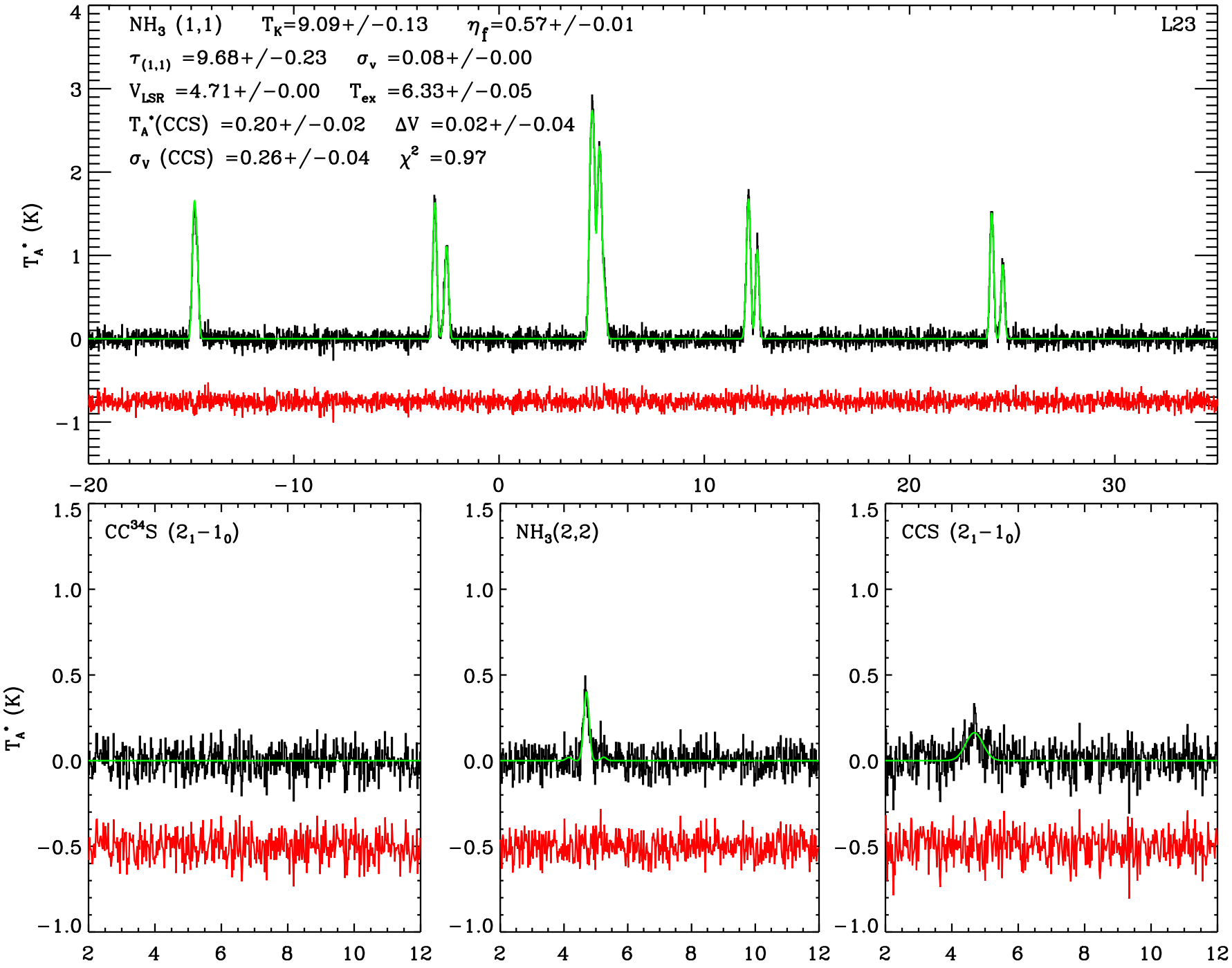

NH3 (1,1) TK=9.21+/−1.85 ηf=0.29+/−0.20
τ(1,1) =1.54+/−1.14 σv =0.11+/−0.01
VLSR =5.62+/−0.01 Tex =4.65+/−1.22
TA*(CCS) =0.94+/−0.06 ΔV =0.09+/−0.01
σV (CCS) =0.08+/−0.01 χ2 =0.99
D7
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

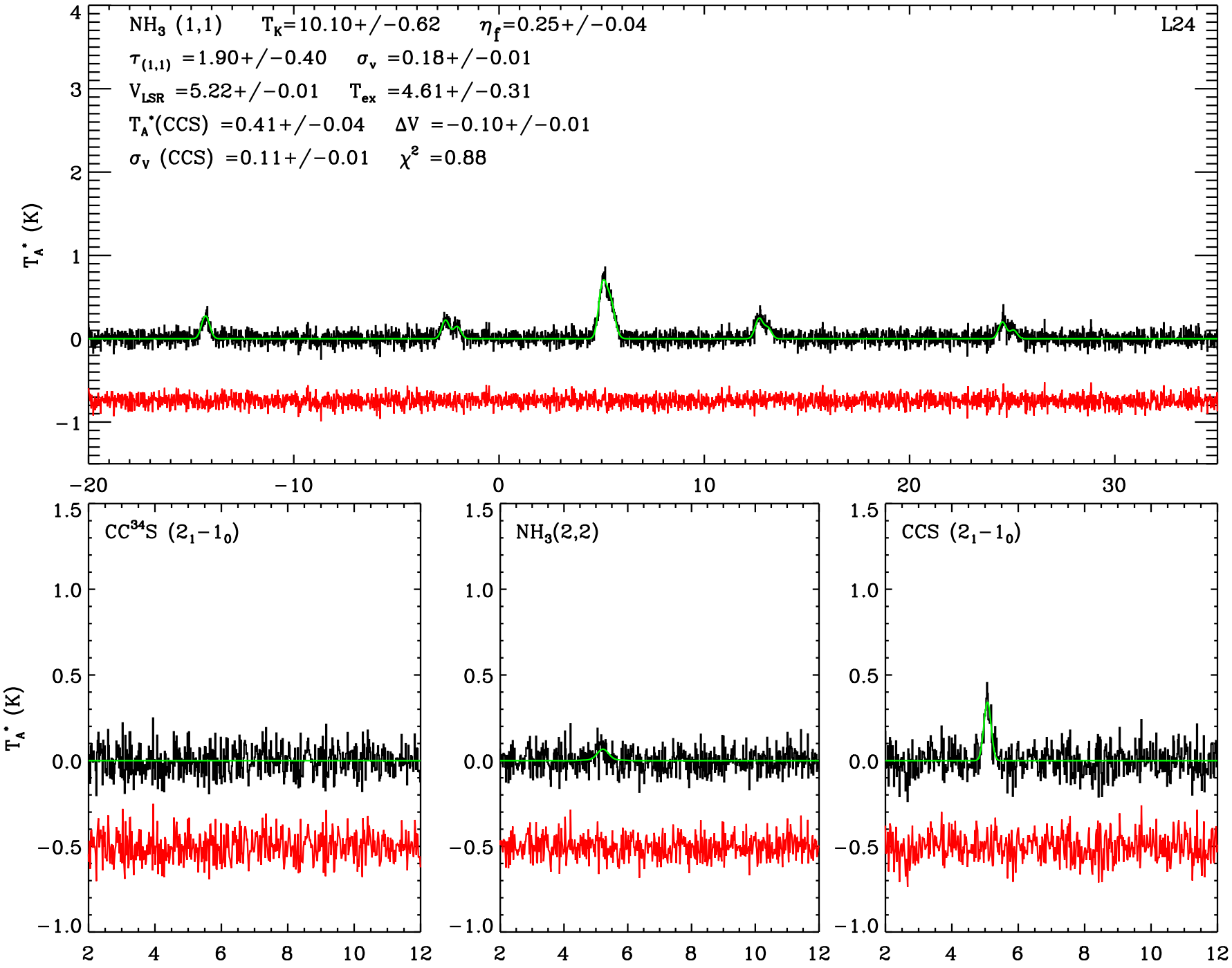

NH3 (1,1) TK=14.87+/−3.04
D8
Tex τ(1,1) =0.41+/−0.05 σv =0.46+/−0.07
VLSR =10.34+/−0.06
TA*(CCS) =0.03+/−0.08 ΔV =0.76+/−0.18
σV (CCS) =0.04+/−0.00 χ2 =1.00
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

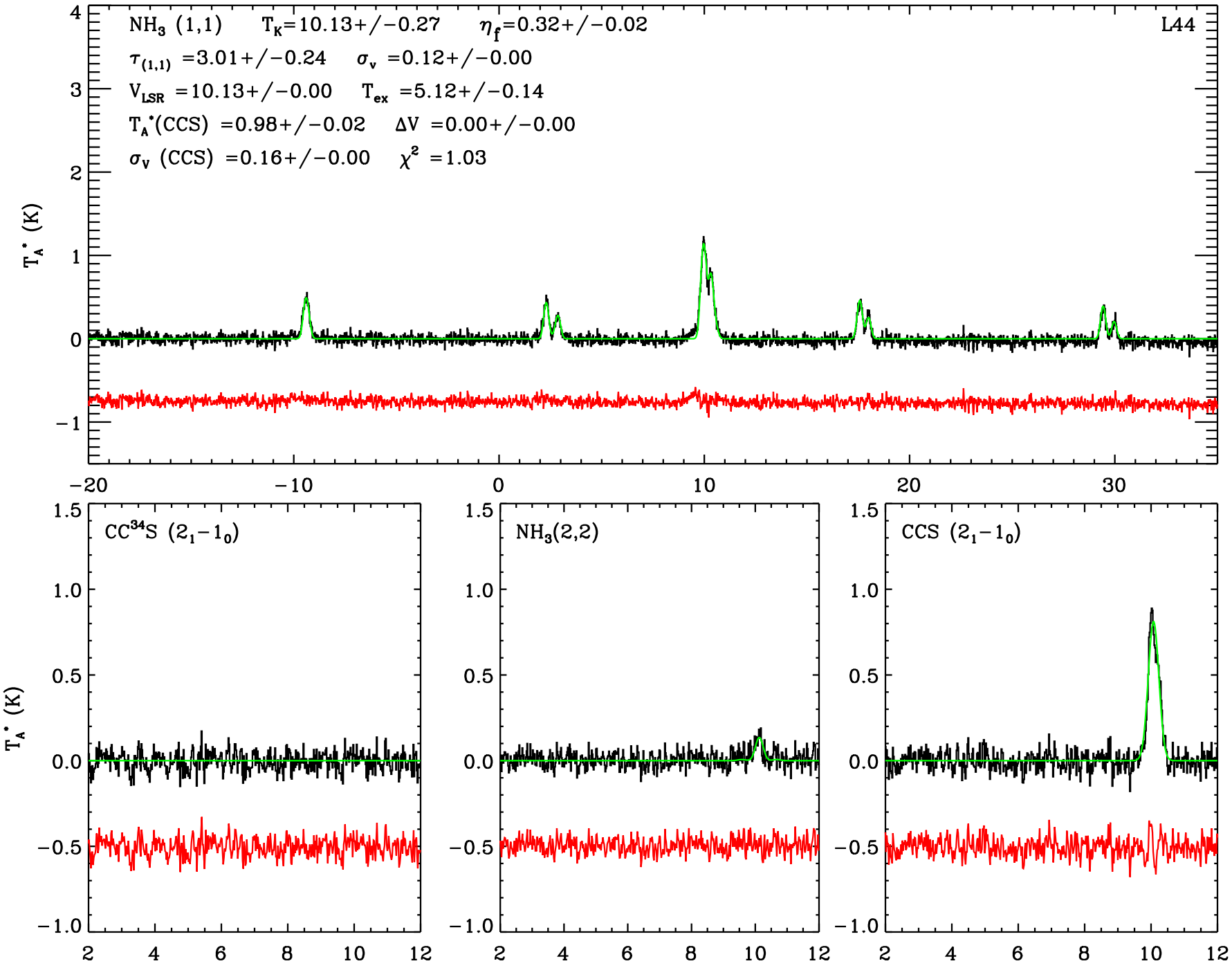

NH3 (1,1) TK=11.39+/−2.42 ηf=0.07+/−0.04
τ(1,1) =1.93+/−1.49 σv =0.22+/−0.03
VLSR =6.78+/−0.03 Tex =3.37+/−0.38
TA*(CCS) =0.20+/−0.08 ΔV =−0.21+/−0.04
σV (CCS) =0.04+/−0.00 χ2 =0.94
D9
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

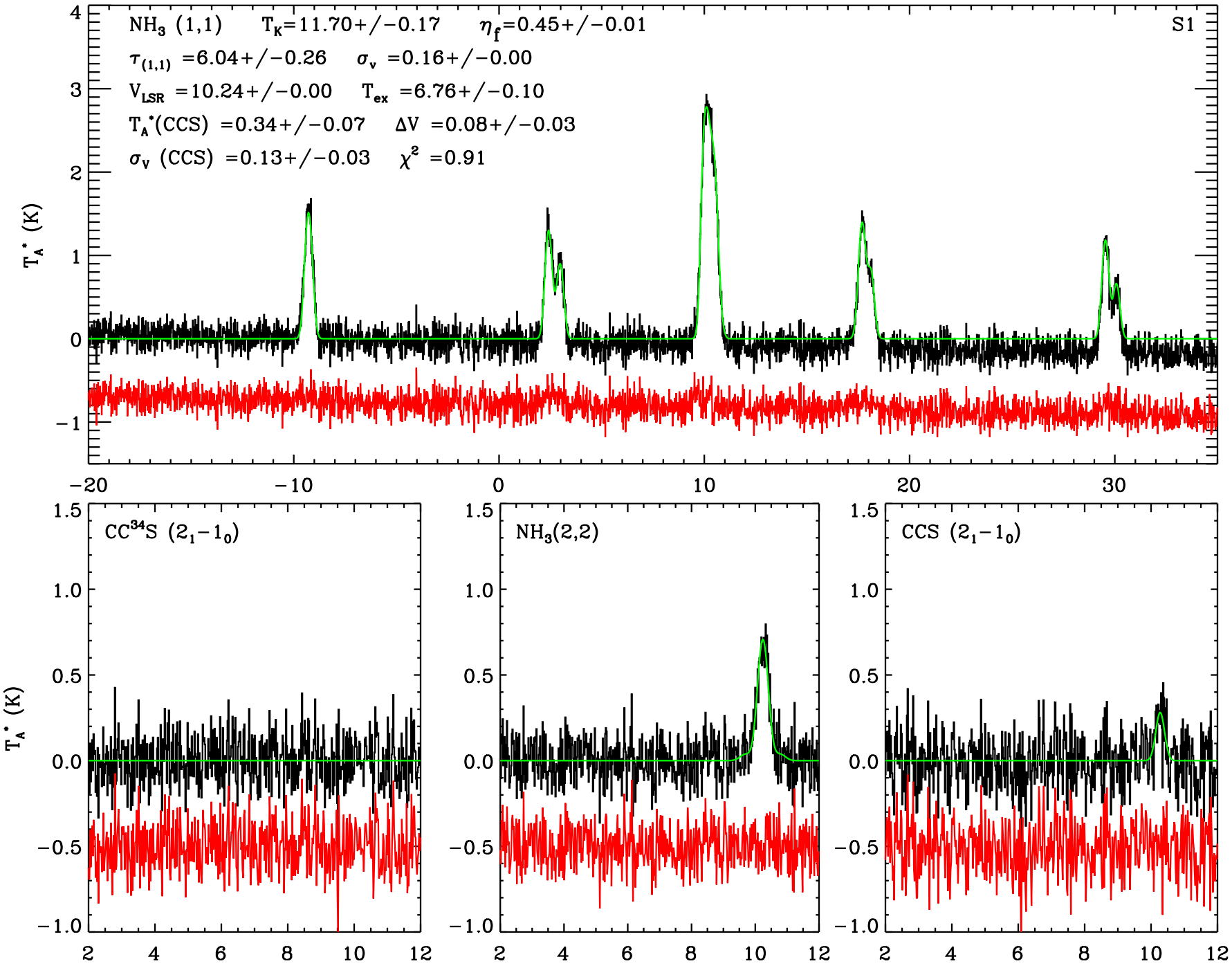

NH3 (1,1) TK=10.32+/−0.28 ηf=0.45+/−0.02
τ(1,1) =5.03+/−0.33 σv =0.11+/−0.00
VLSR =4.86+/−0.00 Tex =6.19+/−0.15
TA*(CCS) =0.40+/−0.05 ΔV =0.01+/−0.03
σV (CCS) =0.17+/−0.03 χ2 =0.93
L21
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

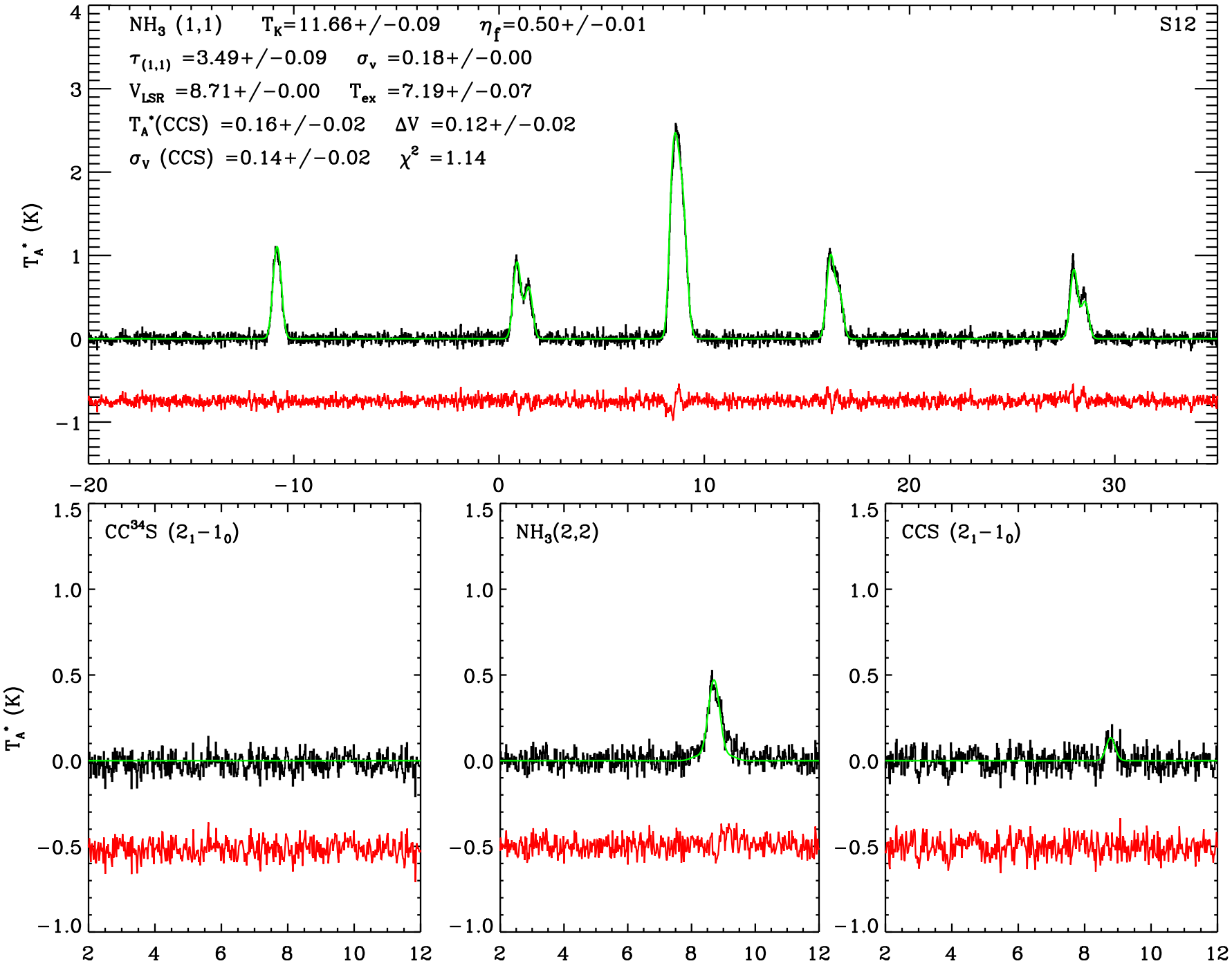

NH3 (1,1) TK=9.40+/−0.16 ηf=0.49+/−0.01
τ(1,1) =6.59+/−0.20 σv =0.13+/−0.00
VLSR =4.94+/−0.00 Tex =5.99+/−0.06
TA*(CCS) =0.28+/−0.03 ΔV =0.22+/−0.02
σV (CCS) =0.18+/−0.02 χ2 =0.92
L22
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

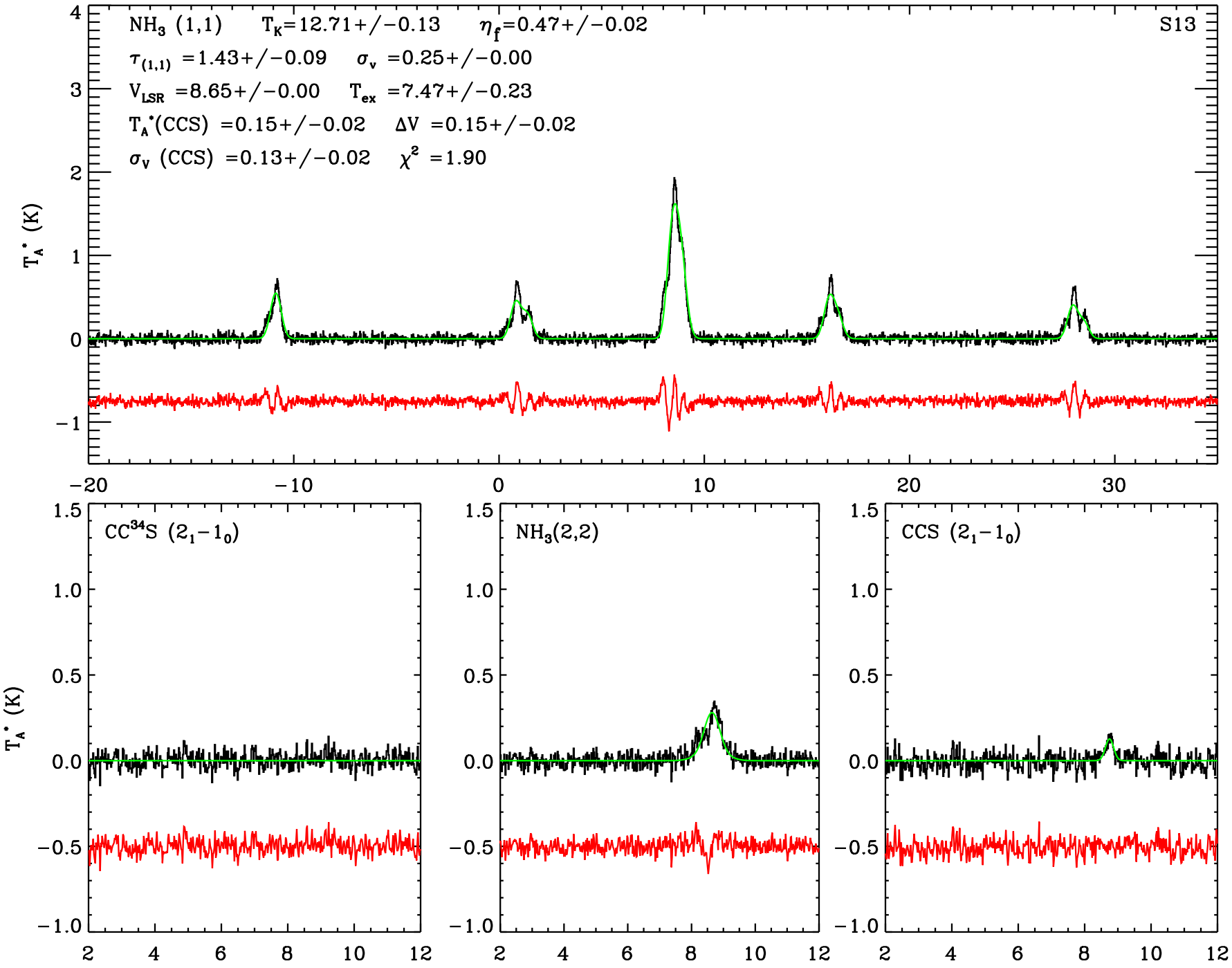

NH3 (1,1) TK=9.09+/−0.13 ηf=0.57+/−0.01
τ(1,1) =9.68+/−0.23 σv =0.08+/−0.00
VLSR =4.71+/−0.00 Tex =6.33+/−0.05
TA*(CCS) =0.20+/−0.02 ΔV =0.02+/−0.04
σV (CCS) =0.26+/−0.04 χ2 =0.97
L23
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

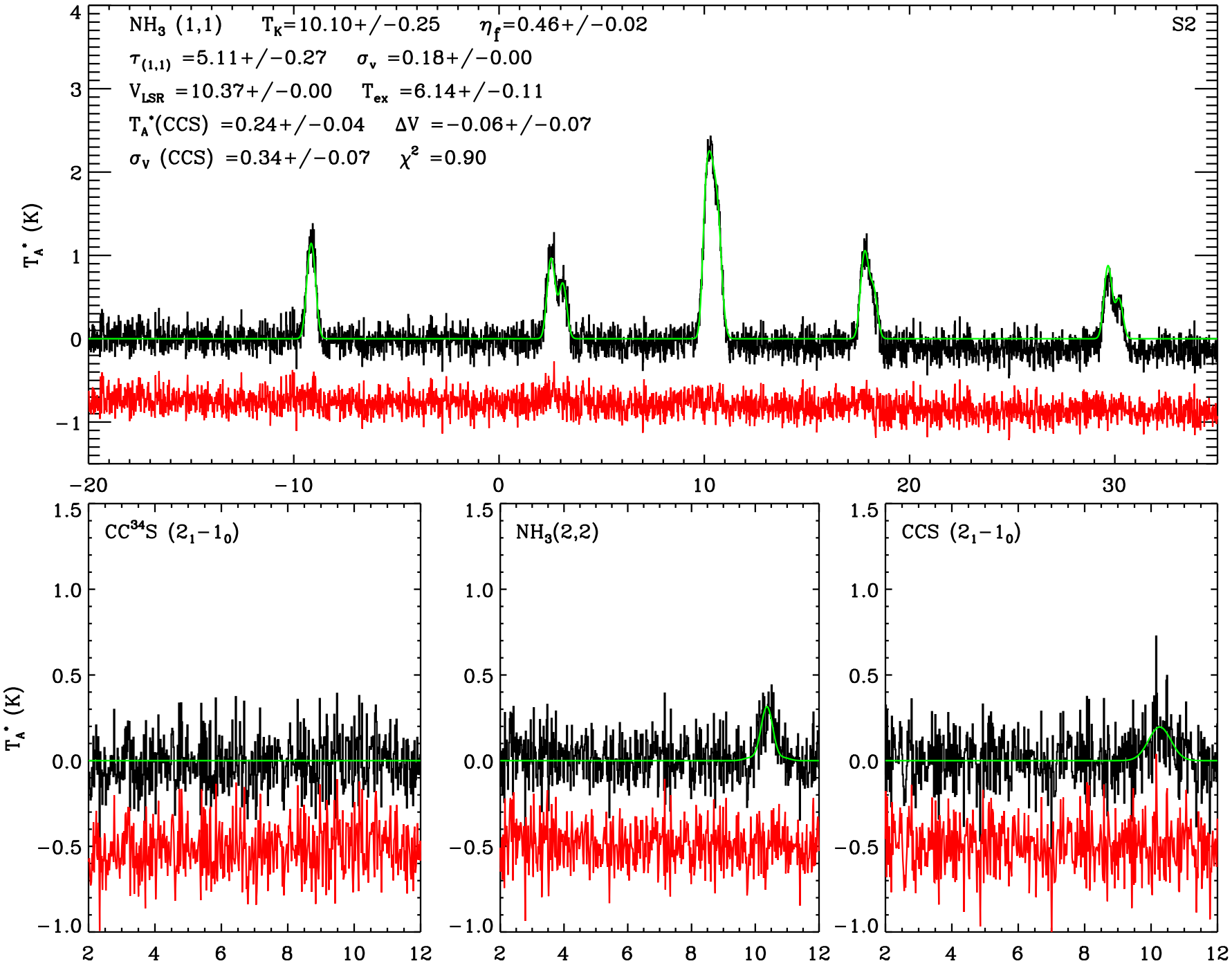

NH3 (1,1) TK=10.10+/−0.62 ηf=0.25+/−0.04
τ(1,1) =1.90+/−0.40 σv =0.18+/−0.01
VLSR =5.22+/−0.01 Tex =4.61+/−0.31
TA*(CCS) =0.41+/−0.04 ΔV =−0.10+/−0.01
σV (CCS) =0.11+/−0.01 χ2 =0.88
L24
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

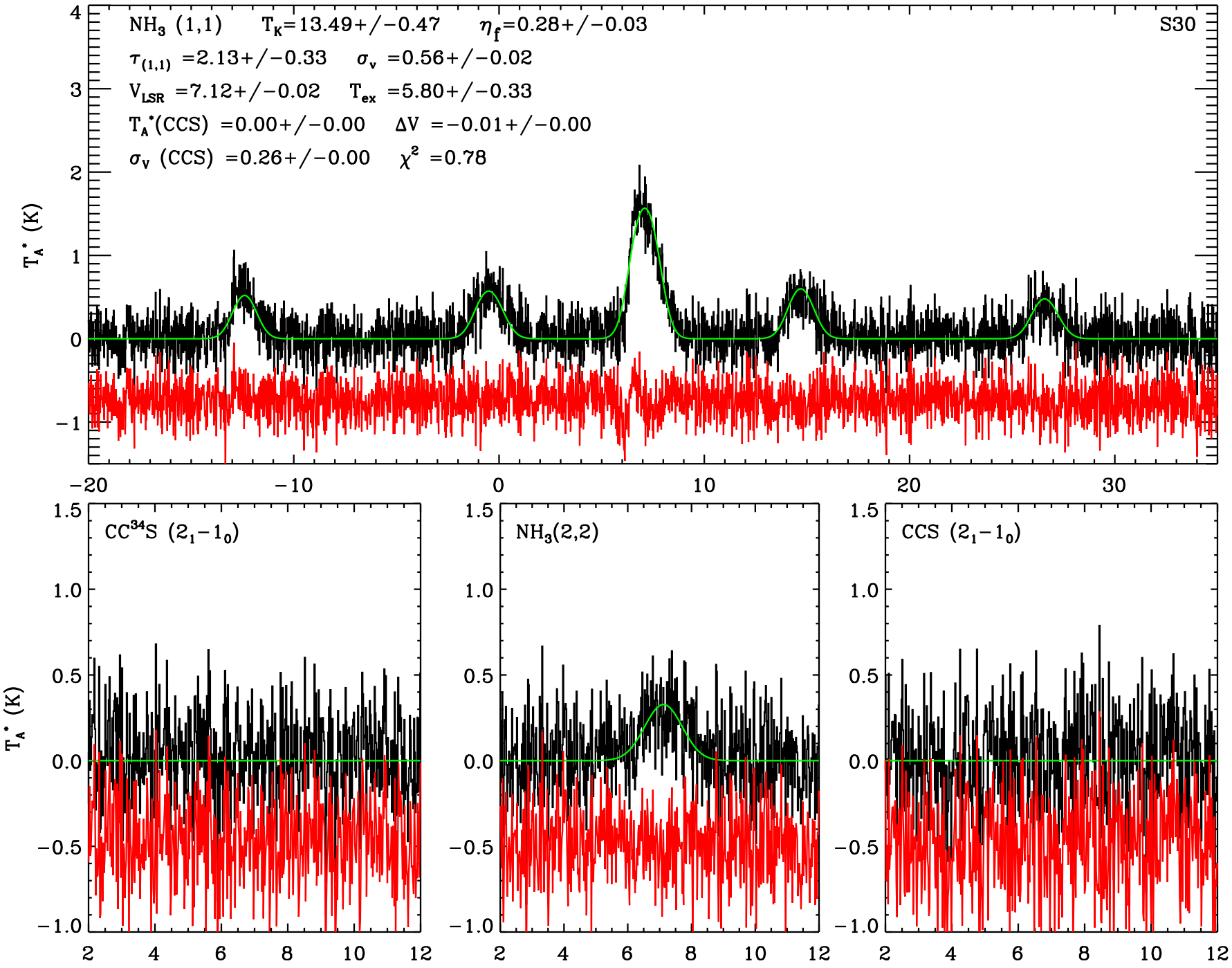

NH3 (1,1) TK=10.13+/−0.27 ηf=0.32+/−0.02
τ(1,1) =3.01+/−0.24 σv =0.12+/−0.00
VLSR =10.13+/−0.00 Tex =5.12+/−0.14
TA*(CCS) =0.98+/−0.02 ΔV =0.00+/−0.00
σV (CCS) =0.16+/−0.00 χ2 =1.03
L44
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

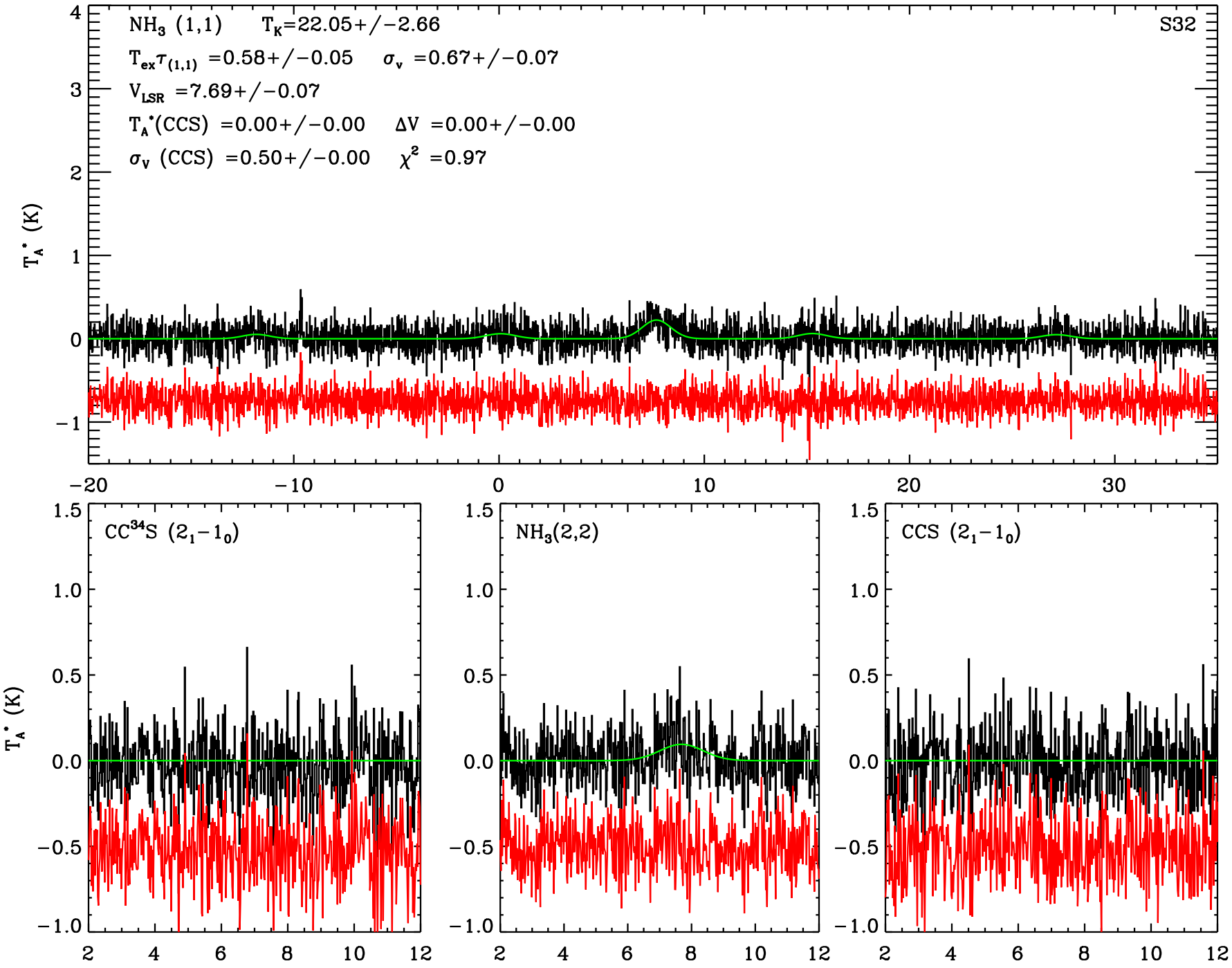

NH3 (1,1) TK=11.70+/−0.17 ηf=0.45+/−0.01
τ(1,1) =6.04+/−0.26 σv =0.16+/−0.00
VLSR =10.24+/−0.00 Tex =6.76+/−0.10
TA*(CCS) =0.34+/−0.07 ΔV =0.08+/−0.03
σV (CCS) =0.13+/−0.03 χ2 =0.91
S1
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

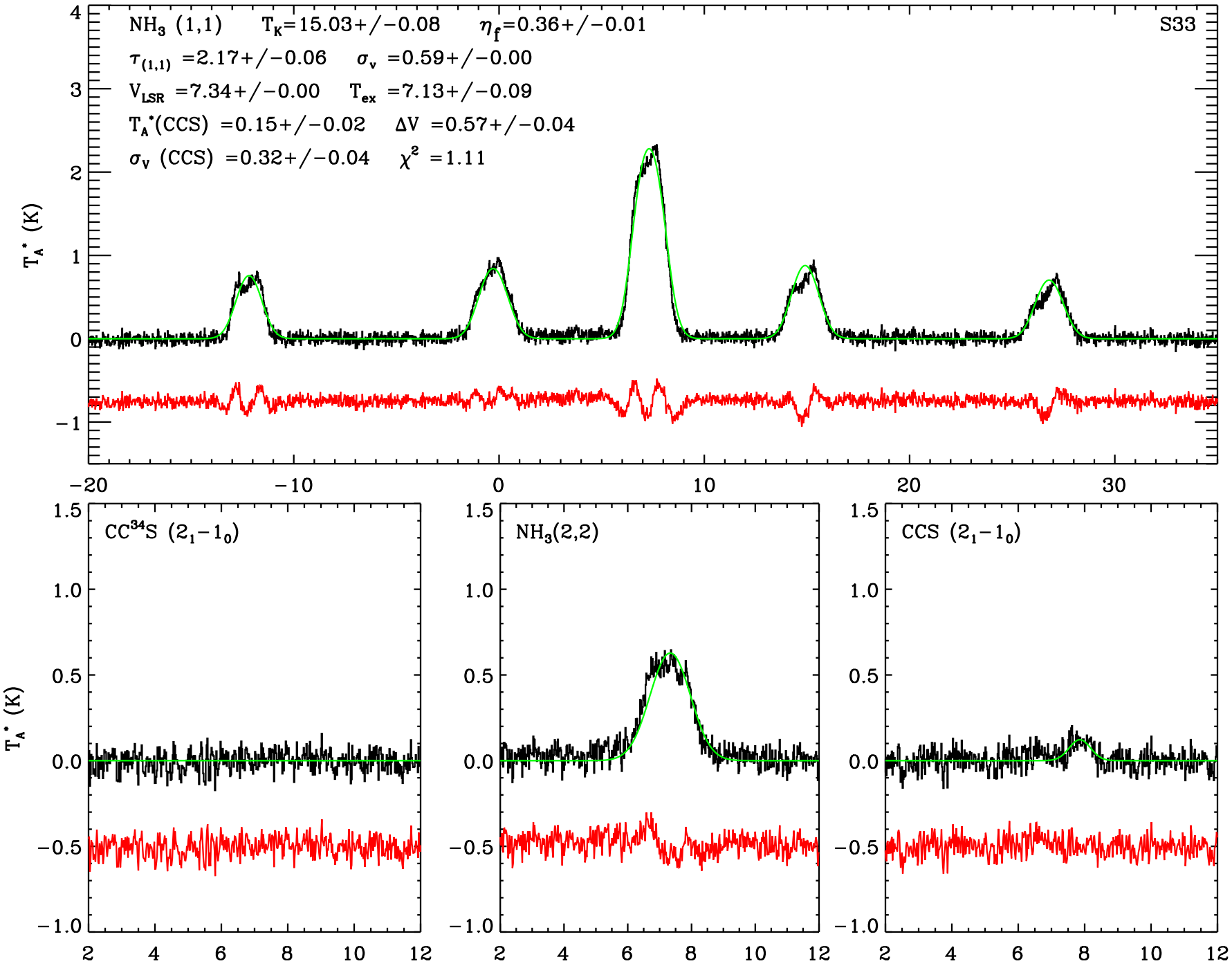

NH3 (1,1) TK=11.66+/−0.09 ηf=0.50+/−0.01
S12
τ(1,1) =3.49+/−0.09 σv =0.18+/−0.00
VLSR =8.71+/−0.00 Tex =7.19+/−0.07
TA*(CCS) =0.16+/−0.02 ΔV =0.12+/−0.02
σV (CCS) =0.14+/−0.02 χ2 =1.14
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

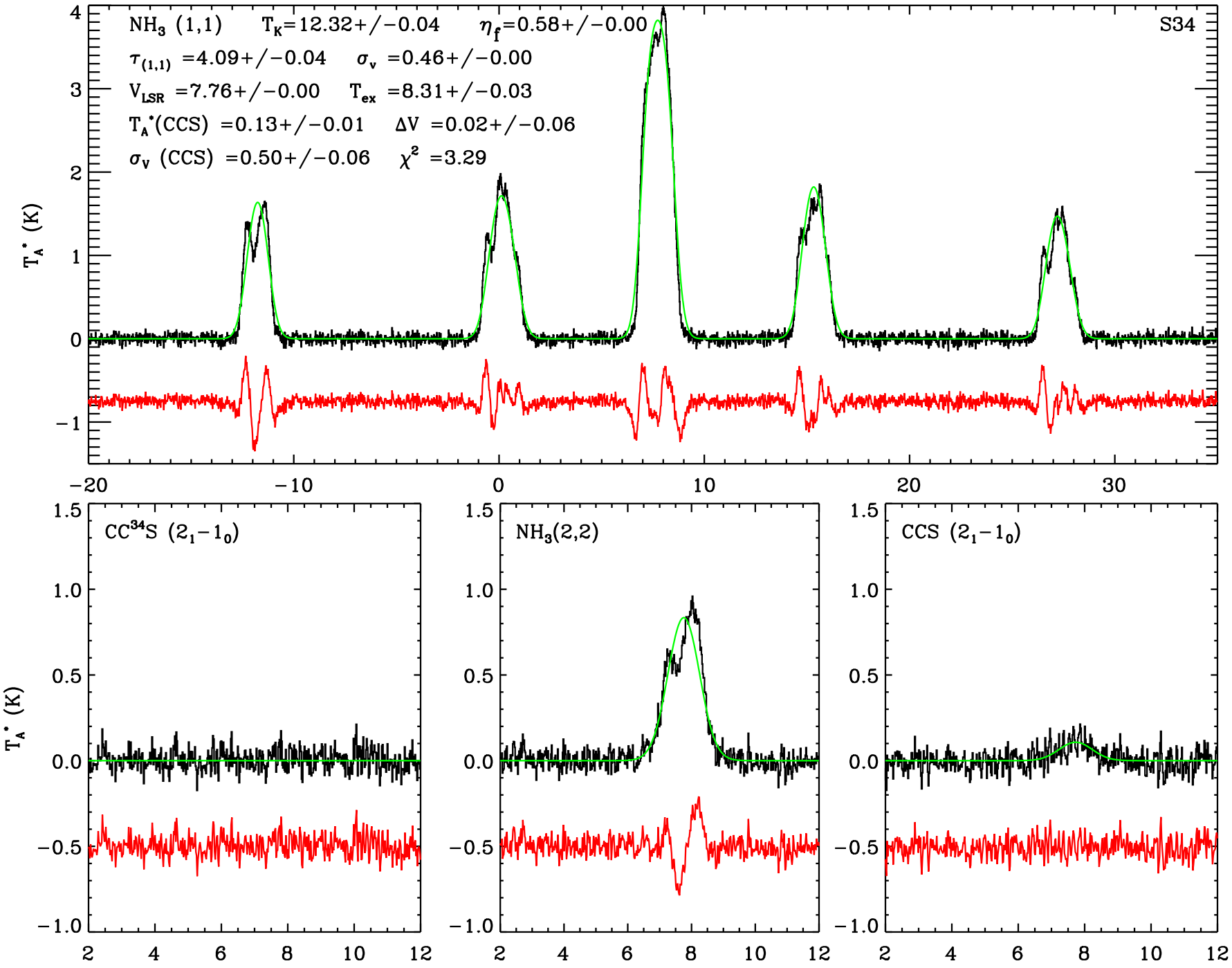

NH3 (1,1) TK=12.71+/−0.13 ηf=0.47+/−0.02
τ(1,1) =1.43+/−0.09 σv =0.25+/−0.00
VLSR =8.65+/−0.00 Tex =7.47+/−0.23
TA*(CCS) =0.15+/−0.02 ΔV =0.15+/−0.02
σV (CCS) =0.13+/−0.02 χ2 =1.90
S13
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

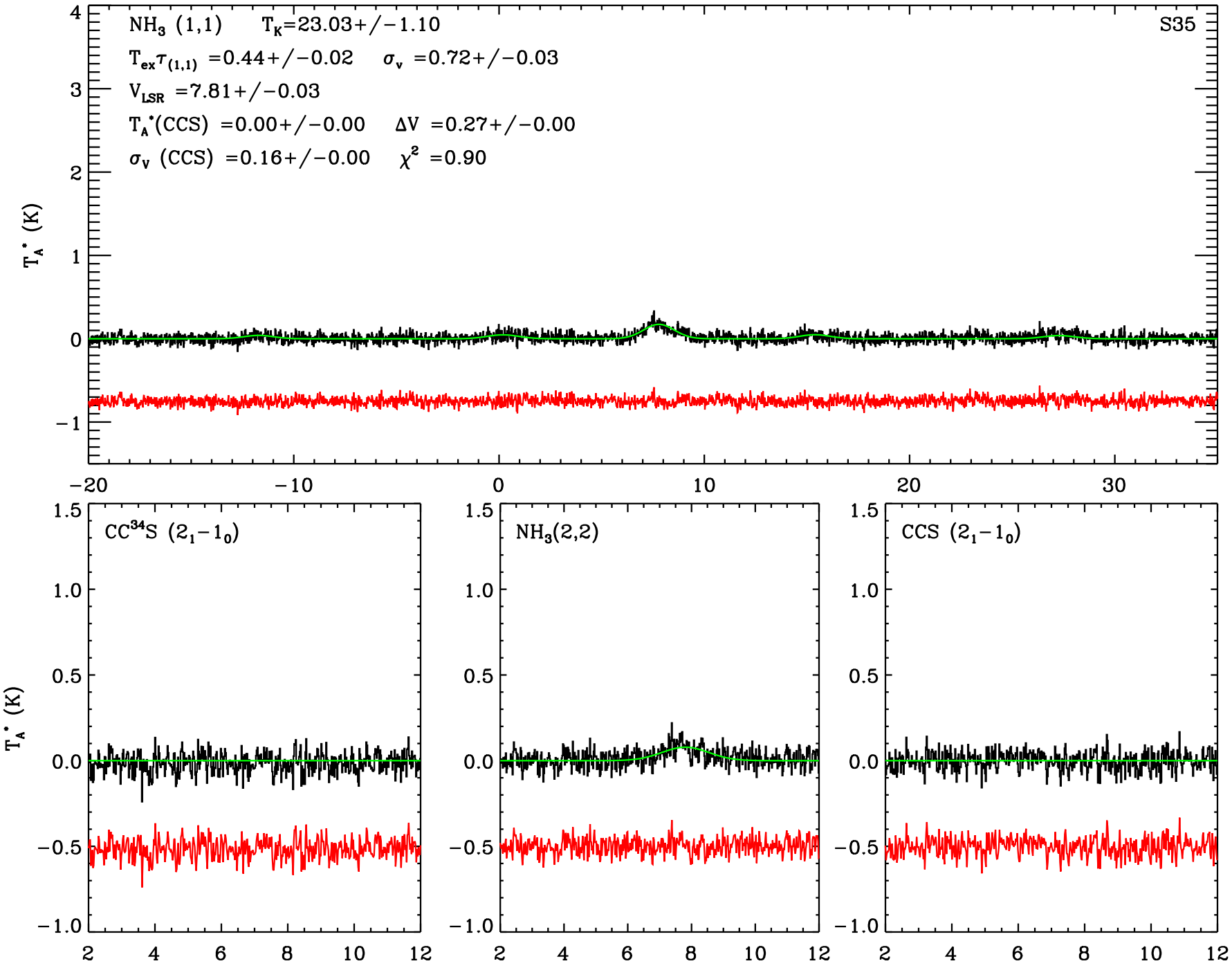

NH3 (1,1) TK=10.10+/−0.25 ηf=0.46+/−0.02
τ(1,1) =5.11+/−0.27 σv =0.18+/−0.00
VLSR =10.37+/−0.00 Tex =6.14+/−0.11
TA*(CCS) =0.24+/−0.04 ΔV =−0.06+/−0.07
σV (CCS) =0.34+/−0.07 χ2 =0.90
S2
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

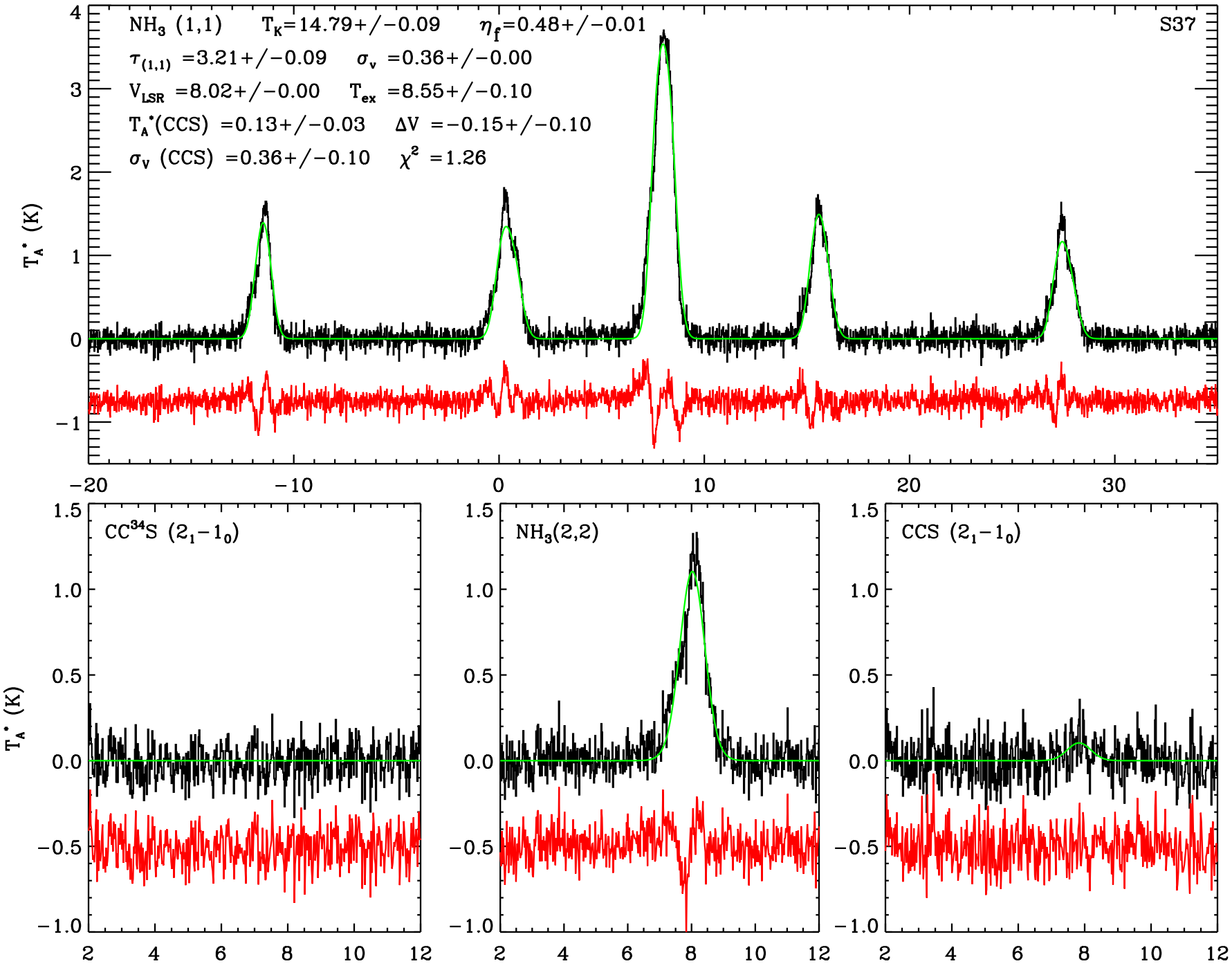

NH3 (1,1) TK=13.49+/−0.47 ηf=0.28+/−0.03
S30
τ(1,1) =2.13+/−0.33 σv =0.56+/−0.02
VLSR =7.12+/−0.02 Tex =5.80+/−0.33
TA*(CCS) =0.00+/−0.00 ΔV =−0.01+/−0.00
σV (CCS) =0.26+/−0.00 χ2 =0.78
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

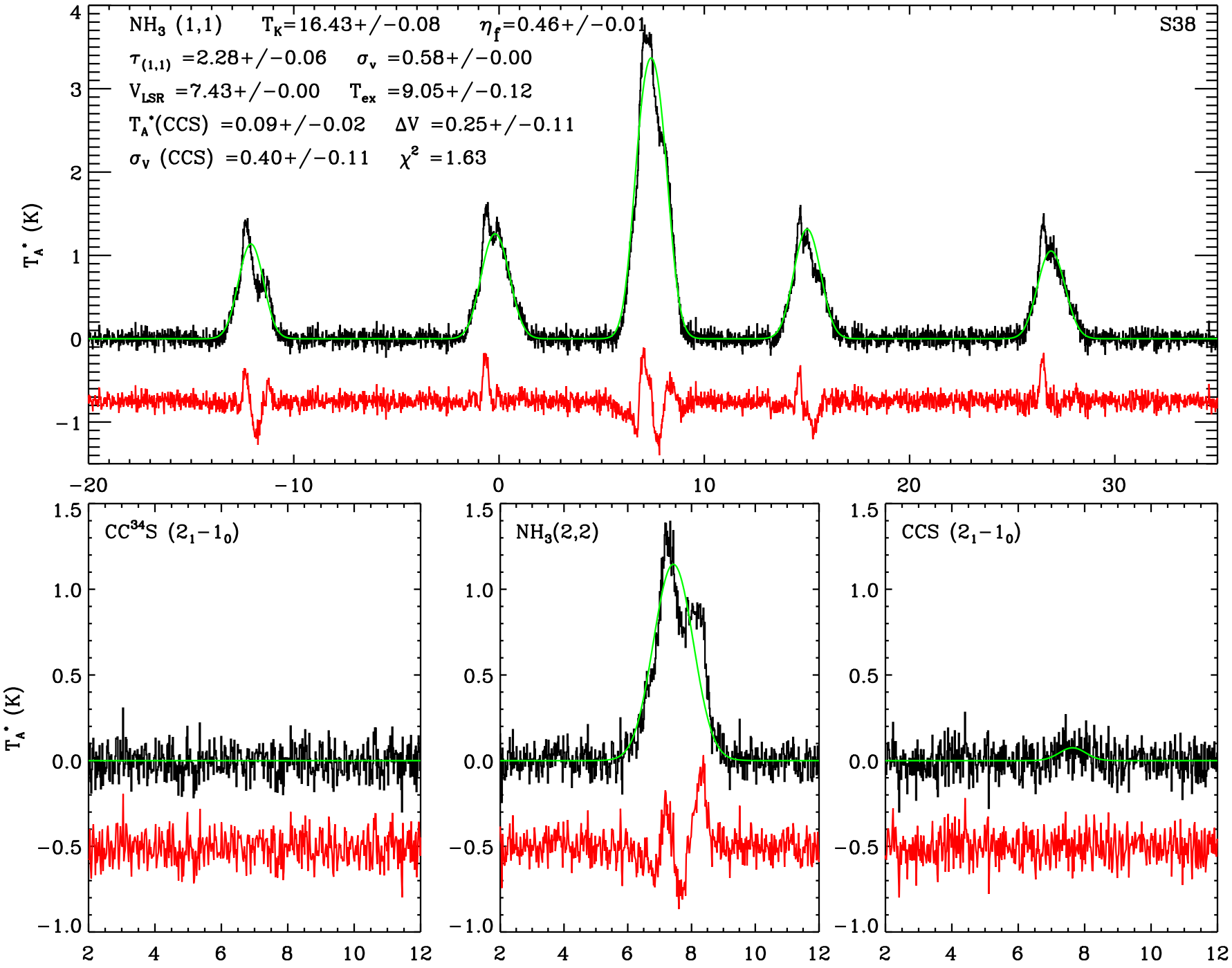

NH3 (1,1) TK=22.05+/−2.66
S32
Tex τ(1,1) =0.58+/−0.05 σv =0.67+/−0.07
VLSR =7.69+/−0.07
TA*(CCS) =0.00+/−0.00 ΔV =0.00+/−0.00
σV (CCS) =0.50+/−0.00 χ2 =0.97
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

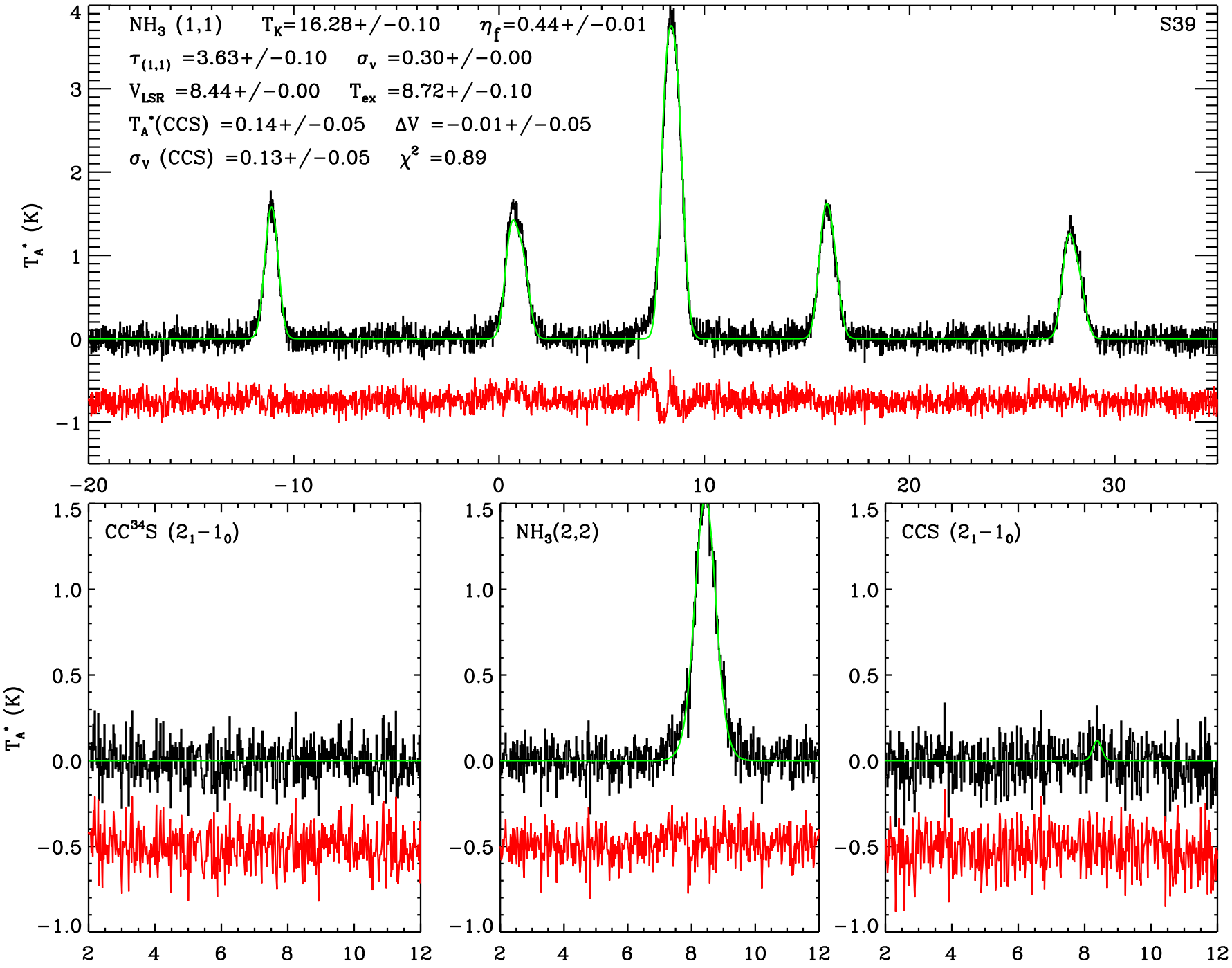

NH3 (1,1) TK=15.03+/−0.08 ηf=0.36+/−0.01
τ(1,1) =2.17+/−0.06 σv =0.59+/−0.00
VLSR =7.34+/−0.00 Tex =7.13+/−0.09
TA*(CCS) =0.15+/−0.02 ΔV =0.57+/−0.04
σV (CCS) =0.32+/−0.04 χ2 =1.11
S33
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

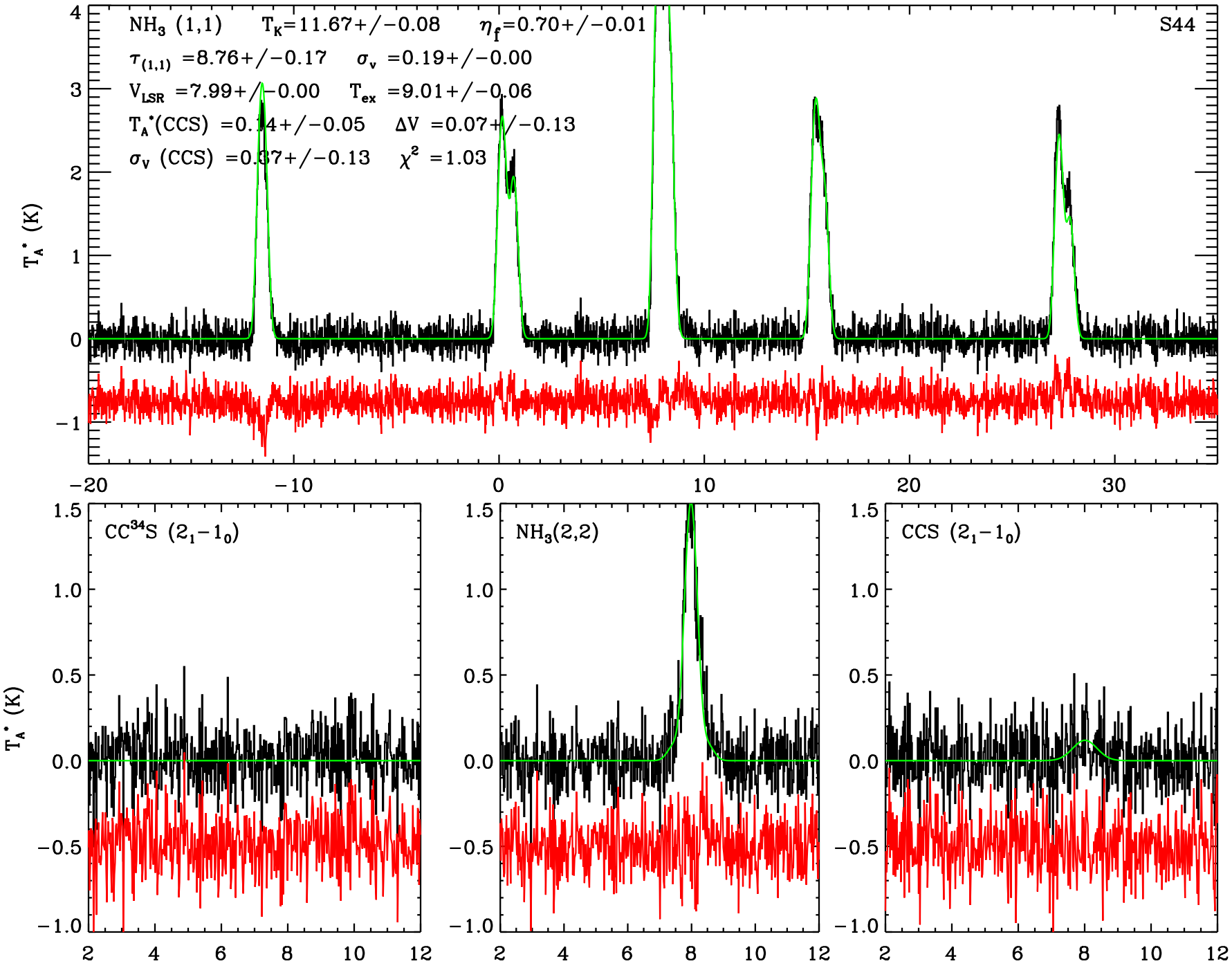

NH3 (1,1) TK=12.32+/−0.04 ηf=0.58+/−0.00
τ(1,1) =4.09+/−0.04 σv =0.46+/−0.00
VLSR =7.76+/−0.00 Tex =8.31+/−0.03
TA*(CCS) =0.13+/−0.01 ΔV =0.02+/−0.06
σV (CCS) =0.50+/−0.06 χ2 =3.29
S34
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

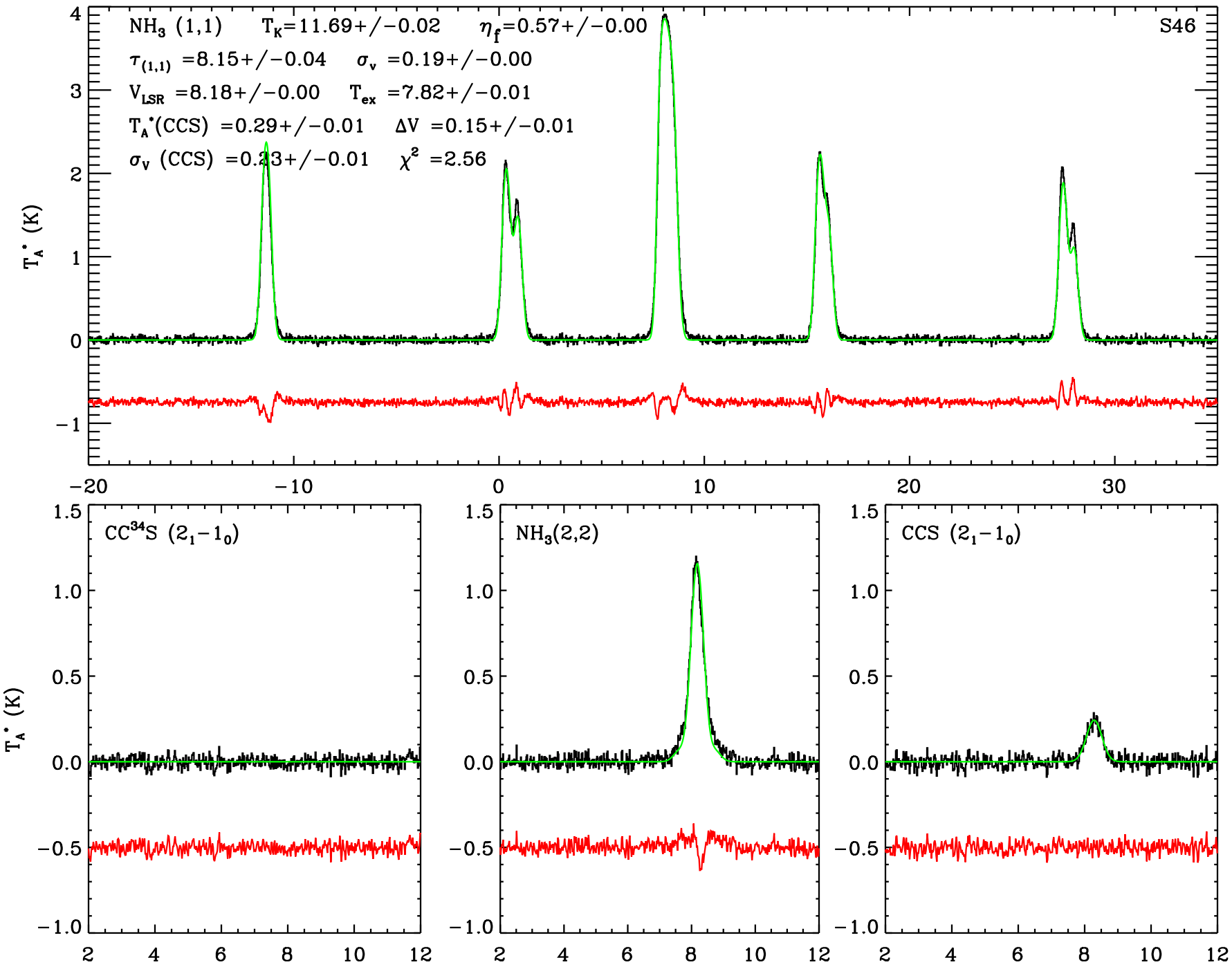

NH3 (1,1) TK=23.03+/−1.10
S35
Tex τ(1,1) =0.44+/−0.02 σv =0.72+/−0.03
VLSR =7.81+/−0.03
TA*(CCS) =0.00+/−0.00 ΔV =0.27+/−0.00
σV (CCS) =0.16+/−0.00 χ2 =0.90
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)

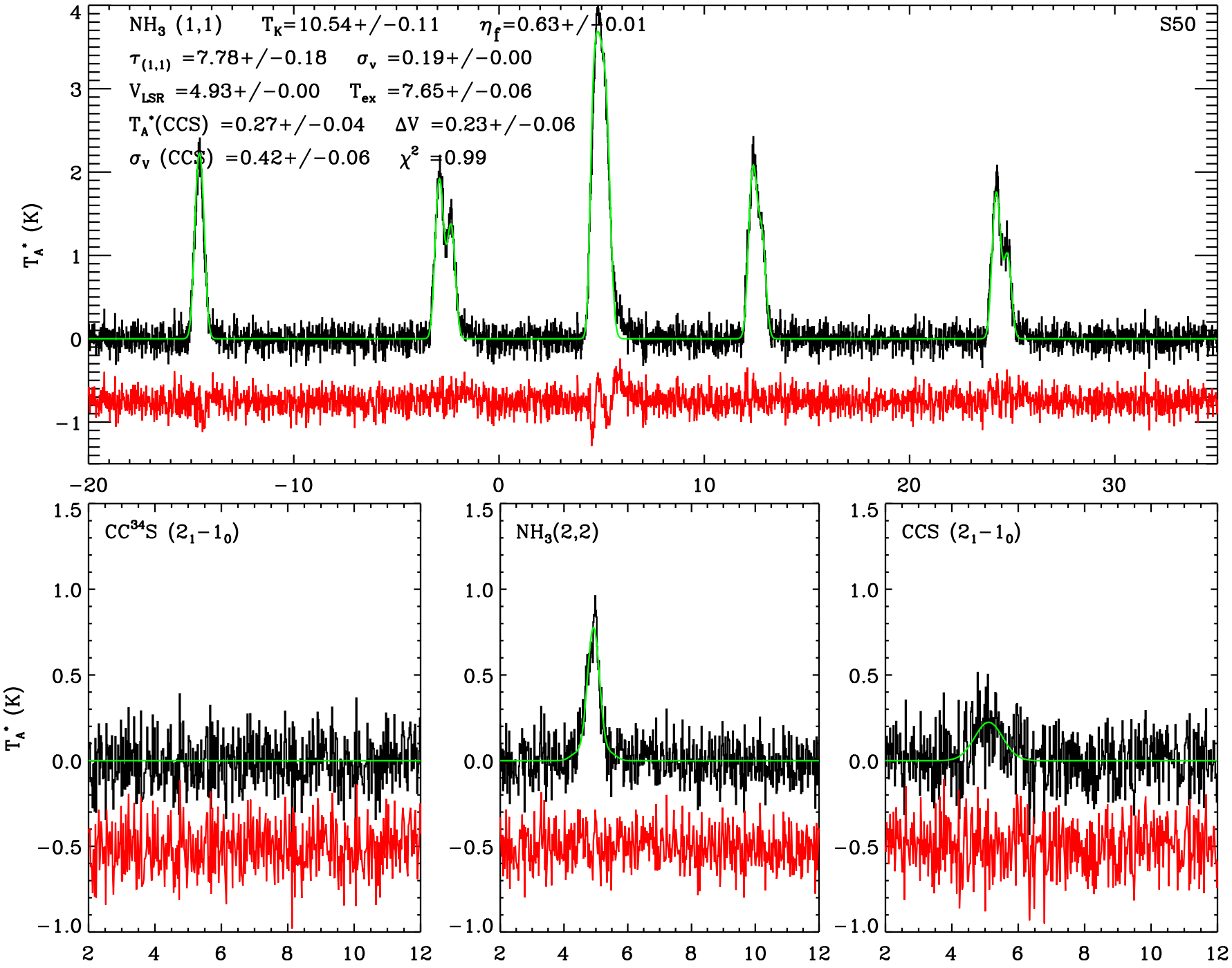

NH3 (1,1) TK=14.79+/−0.09 ηf=0.48+/−0.01
τ(1,1) =3.21+/−0.09 σv =0.36+/−0.00
VLSR =8.02+/−0.00 Tex =8.55+/−0.10
TA*(CCS) =0.13+/−0.03 ΔV =−0.15+/−0.10
σV (CCS) =0.36+/−0.10 χ2 =1.26
S37
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

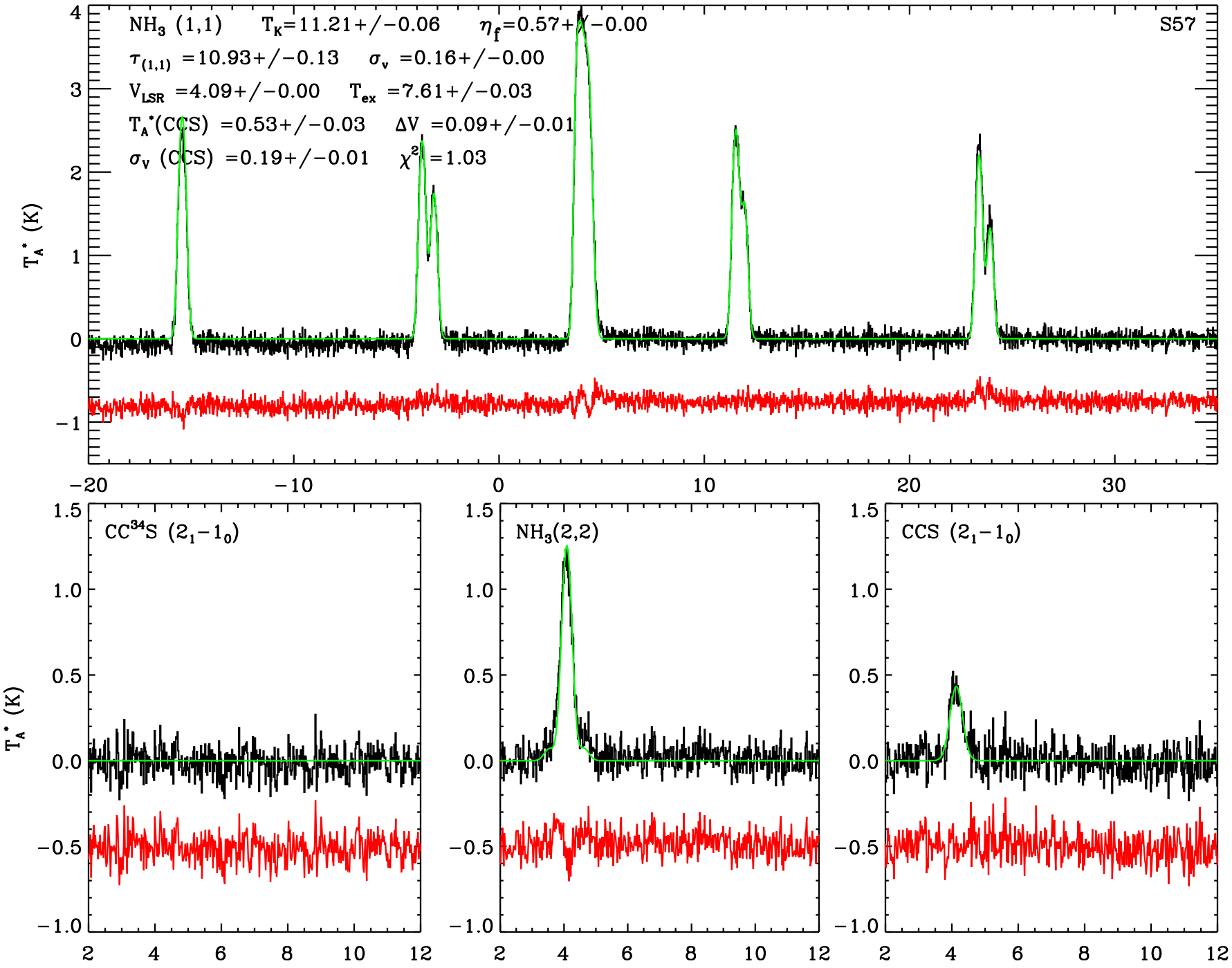

NH3 (1,1) TK=16.43+/−0.08 ηf=0.46+/−0.01
τ(1,1) =2.28+/−0.06 σv =0.58+/−0.00
VLSR =7.43+/−0.00 Tex =9.05+/−0.12
TA*(CCS) =0.09+/−0.02 ΔV =0.25+/−0.11
σV (CCS) =0.40+/−0.11 χ2 =1.63
S38
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)

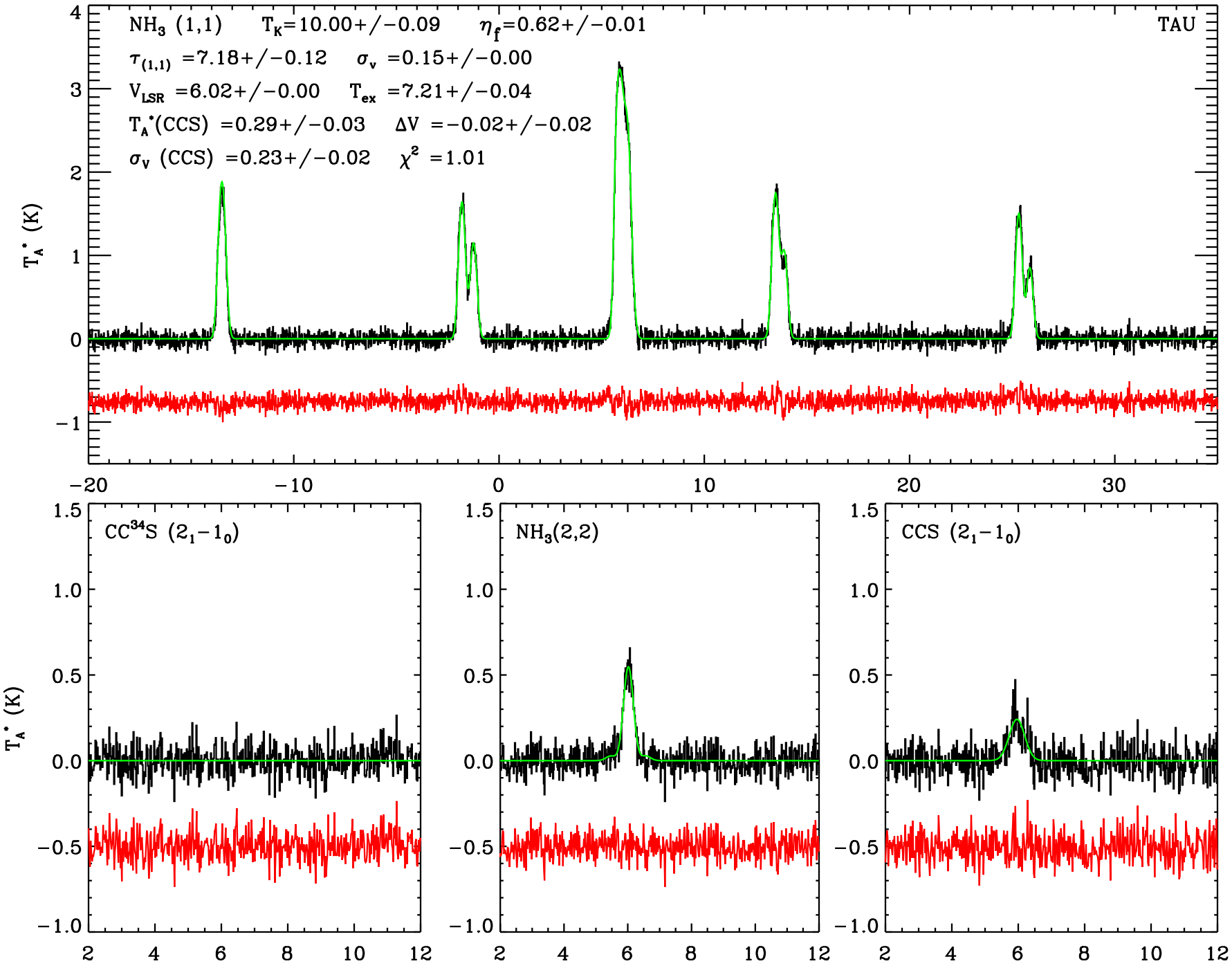

NH3 (1,1) TK=16.28+/−0.10 ηf=0.44+/−0.01
τ(1,1) =3.63+/−0.10 σv =0.30+/−0.00
VLSR =8.44+/−0.00 Tex =8.72+/−0.10
TA*(CCS) =0.14+/−0.05 ΔV =−0.01+/−0.05
σV (CCS) =0.13+/−0.05 χ2 =0.89
S39
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)


NH3 (1,1) TK=11.67+/−0.08 ηf=0.70+/−0.01
τ(1,1) =8.76+/−0.17 σv =0.19+/−0.00
VLSR =7.99+/−0.00 Tex =9.01+/−0.06
TA*(CCS) =0.14+/−0.05 ΔV =0.07+/−0.13
σV (CCS) =0.37+/−0.13 χ2 =1.03
S44
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)


NH3 (1,1) TK=11.69+/−0.02 ηf=0.57+/−0.00
τ(1,1) =8.15+/−0.04 σv =0.19+/−0.00
VLSR =8.18+/−0.00 Tex =7.82+/−0.01
TA*(CCS) =0.29+/−0.01 ΔV =0.15+/−0.01
σV (CCS) =0.23+/−0.01 χ2 =2.56
S46
TA* (K)
CC34S (21−10)
NH3(2,2)
CCS (21−10)


NH3 (1,1) TK=10.54+/−0.11 ηf=0.63+/−0.01
τ(1,1) =7.78+/−0.18 σv =0.19+/−0.00
VLSR =4.93+/−0.00 Tex =7.65+/−0.06
TA*(CCS) =0.27+/−0.04 ΔV =0.23+/−0.06
σV (CCS) =0.42+/−0.06 χ2 =0.99
S50
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)


NH3 (1,1) TK=11.21+/−0.06 ηf=0.57+/−0.00
τ(1,1) =10.93+/−0.13 σv =0.16+/−0.00
VLSR =4.09+/−0.00 Tex =7.61+/−0.03
TA*(CCS) =0.53+/−0.03 ΔV =0.09+/−0.01
σV (CCS) =0.19+/−0.01 χ2 =1.03
S57
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)


NH3 (1,1) TK=10.00+/−0.09 ηf=0.62+/−0.01
τ(1,1) =7.18+/−0.12 σv =0.15+/−0.00
VLSR =6.02+/−0.00 Tex =7.21+/−0.04
TA*(CCS) =0.29+/−0.03 ΔV =−0.02+/−0.02
σV (CCS) =0.23+/−0.02 χ2 =1.01
TAU
TA* (K)
CC34S (2₁−1₀)
NH3(2,2)
CCS (2₁−1₀)