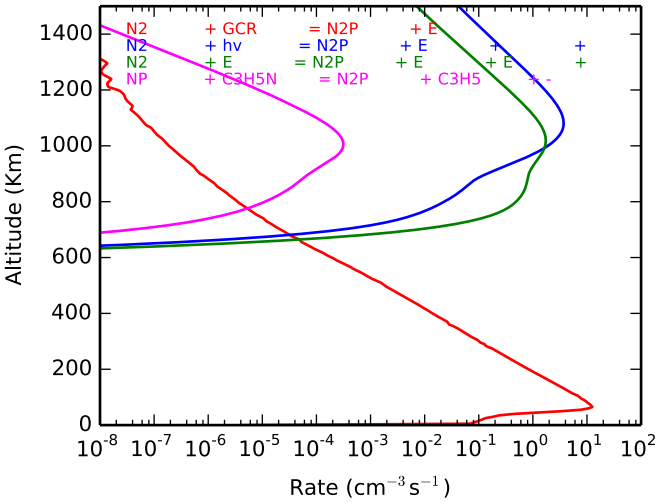
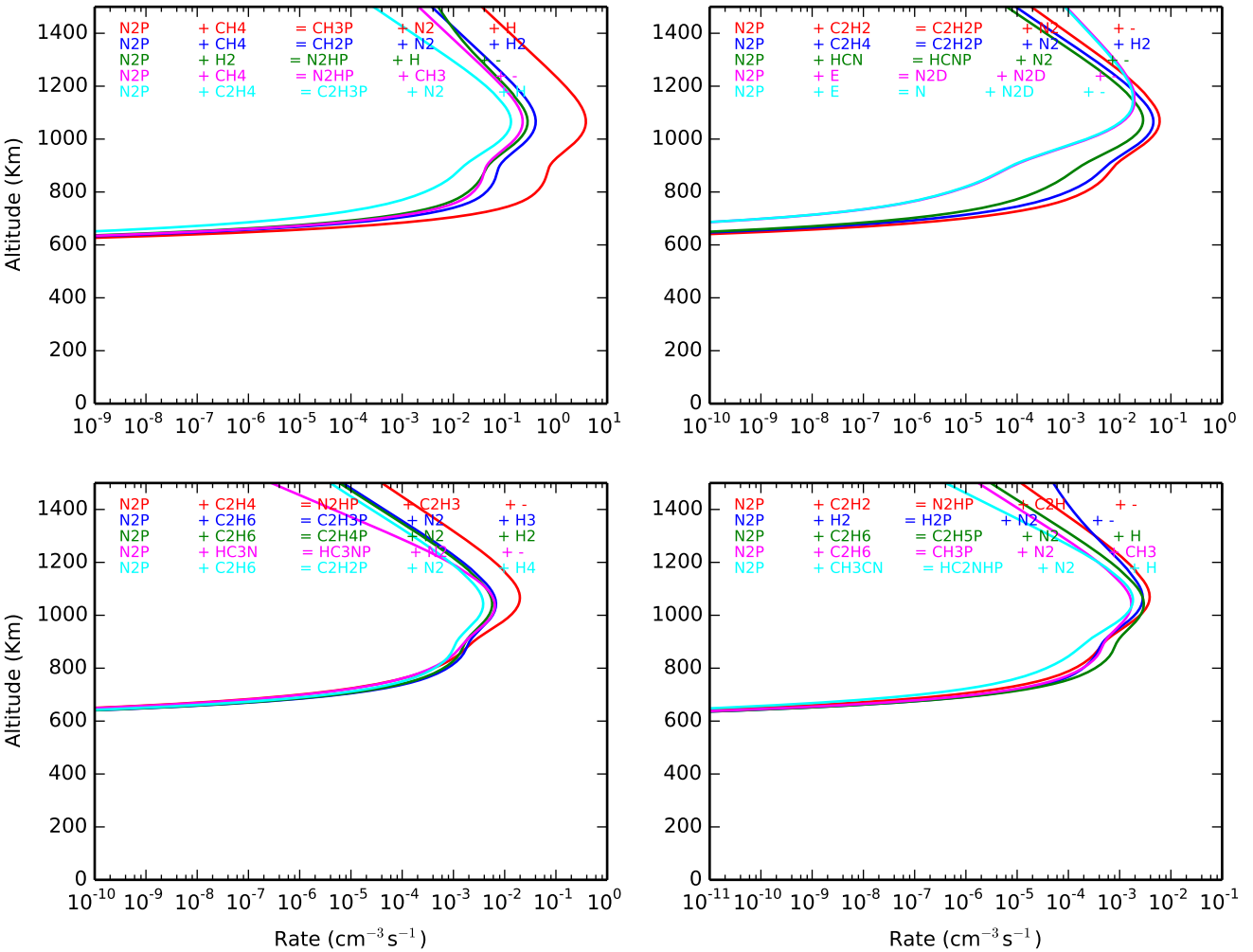

N2 + GCR = N2P + E
N2 + hv = N2P + E + +
N2 + E = N2P + E + E +
NP + C3H5N = N2P + C3H5 + -
Altitude (Km)
Rate (cm^{-3} s^{-1})
0
200
400
600
800
1000
1200
1400
10^{-8} 10^{-7} 10^{-6} 10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2}


N2P + CH4 = CH3P + N2 + H
N2P + CH4 = CH2P + N2 + H2
N2P + H2 = N2HP + H + -
N2P + CH4 = N2HP + CH3 + -
N2P + C2H4 = C2H3P + N2 + H
N2P + C2H2 = C2H2P + N2 + -
N2P + C2H4 = C2H2P + N2 + H2
N2P + HCN = HCNP + N2 + -
N2P + E = N2D + N2D + -
N2P + E = N + N2D + -
N2P + C2H4 = N2HP + C2H3 + -
N2P + C2H6 = C2H3P + N2 + H3
N2P + C2H6 = C2H4P + N2 + H2
N2P + HC3N = HC3NP + N2 + -
N2P + C2H6 = C2H2P + N2 + H4
N2P + C2H2 = N2HP + C2H + -
N2P + H2 = H2P + N2 + -
N2P + C2H6 = C2H5P + N2 + H
N2P + C2H6 = CH3P + N2 + CH3
N2P + CH3CN = HC2NHP + N2 + H
Altitude (Km)
Rate (cm^{-3} s^{-1})