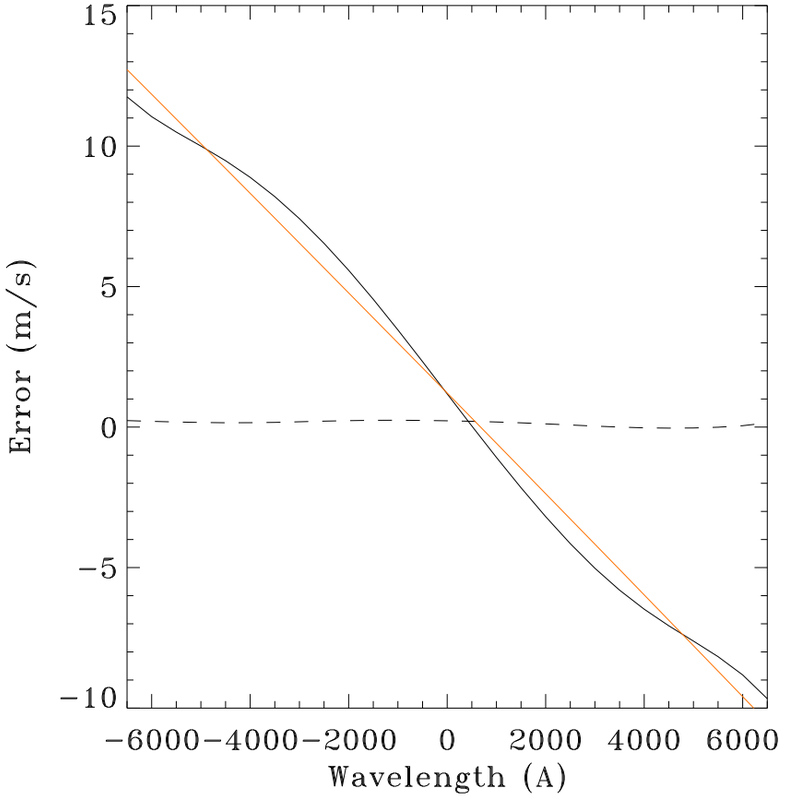
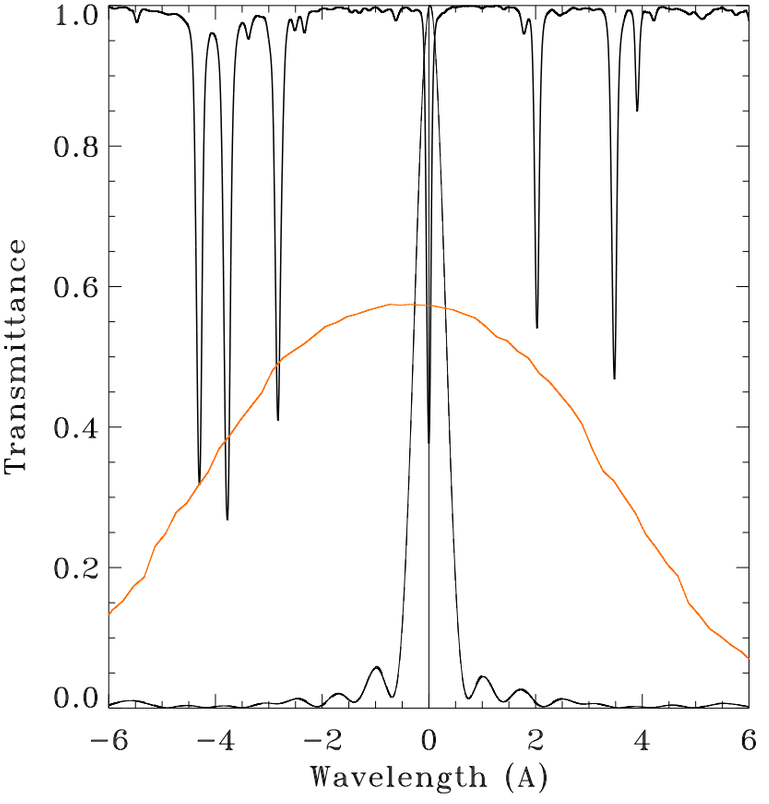
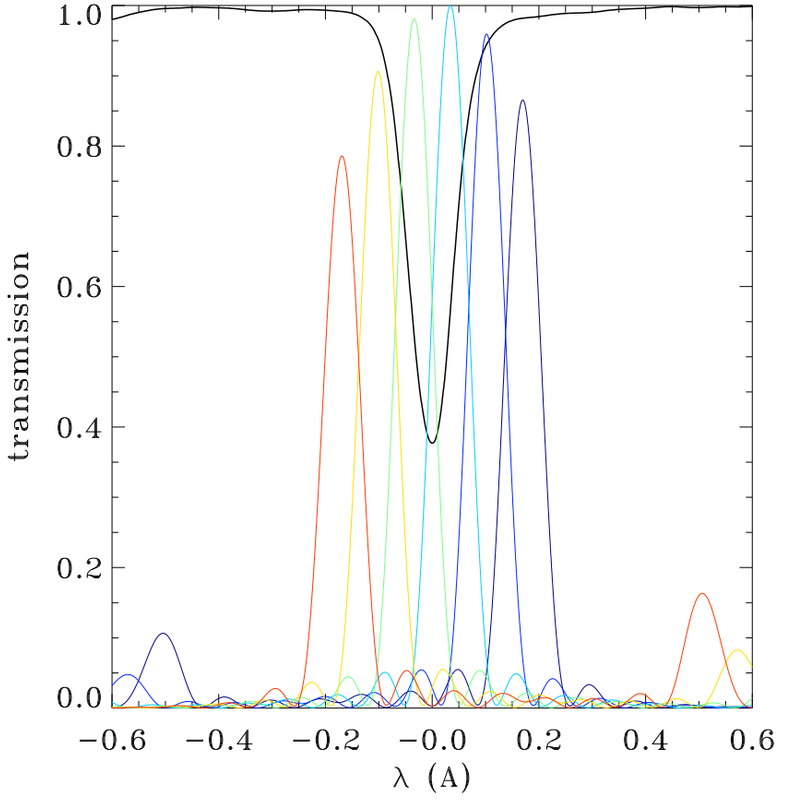
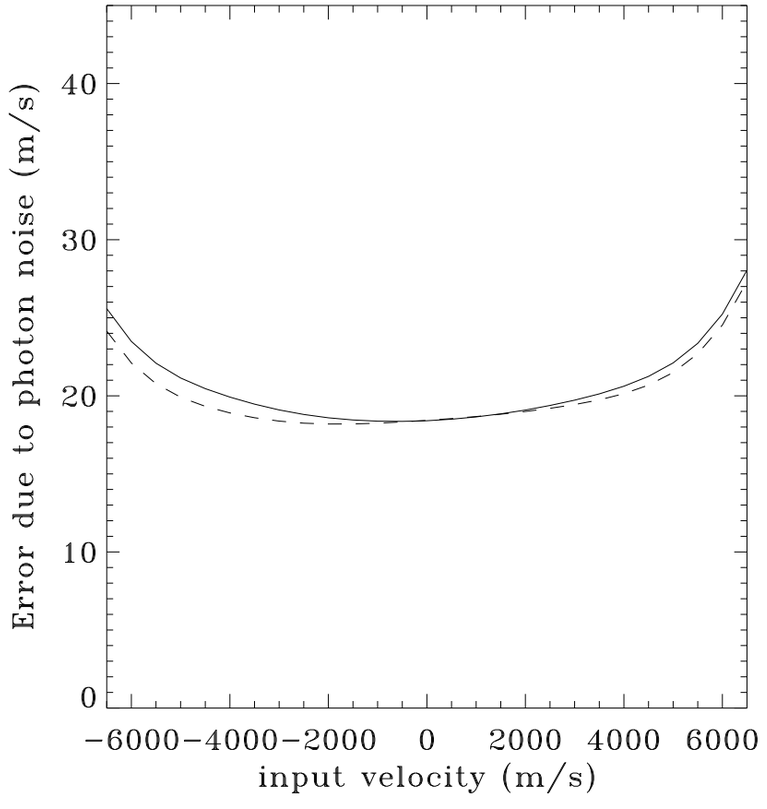

Error (m/s)
15
10
5
0
−5
−10
−6000 −4000 −2000 0 2000 4000 6000
Wavelength (A)


Transmittance
1.0
0.8
0.6
0.4
0.2
0.0
−6 −4 −2 0 2 4 6
Wavelength (A)


transmission
1.0
0.8
0.6
0.4
0.2
0.0
−0.6 −0.4 −0.2 −0.0 0.2 0.4 0.6
λ (A)


Error due to photon noise (m/s)
40
30
20
10
0
−6000 −4000 −2000 0 2000 4000 6000
input velocity (m/s)