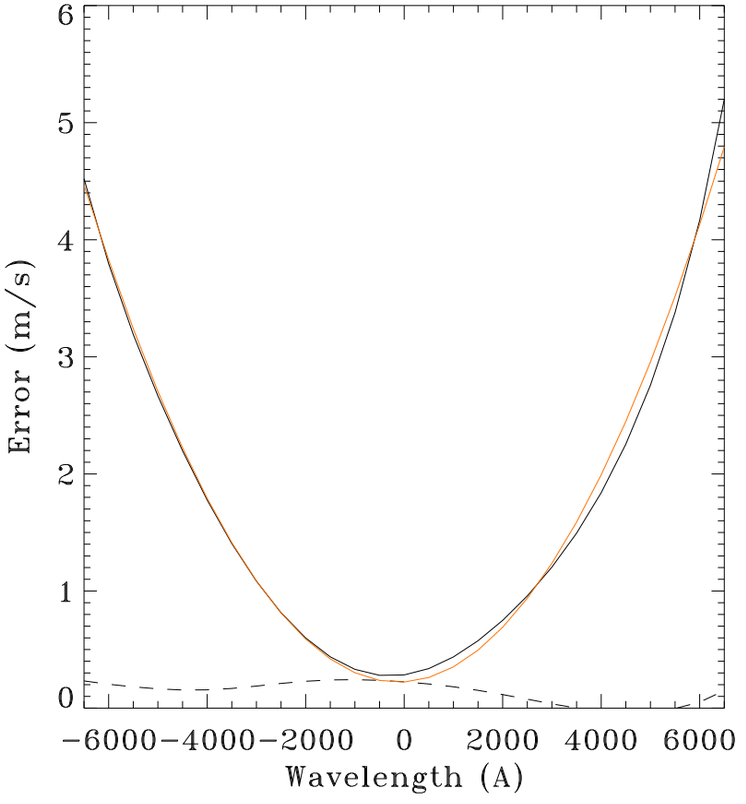
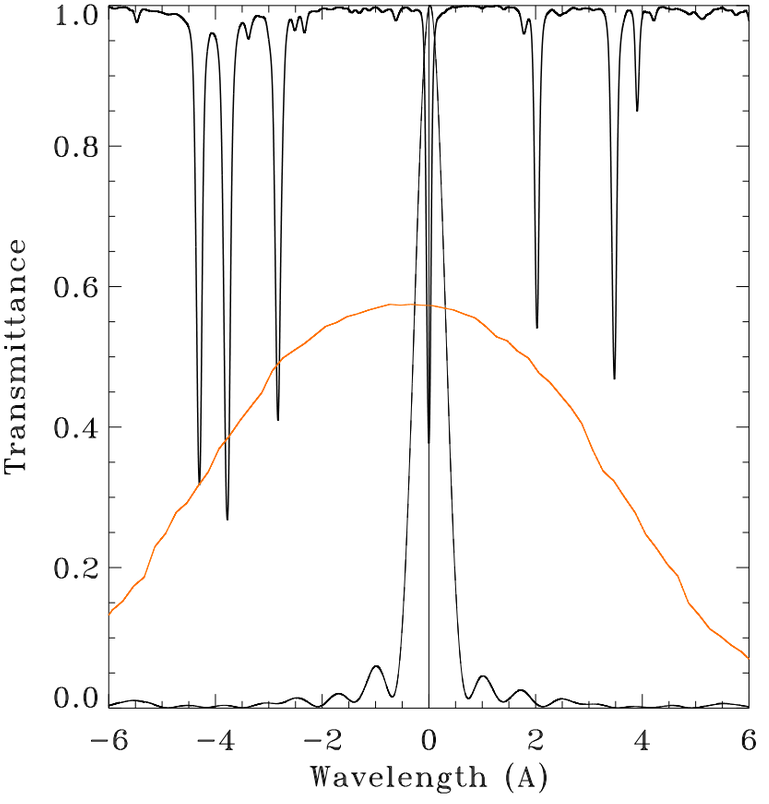
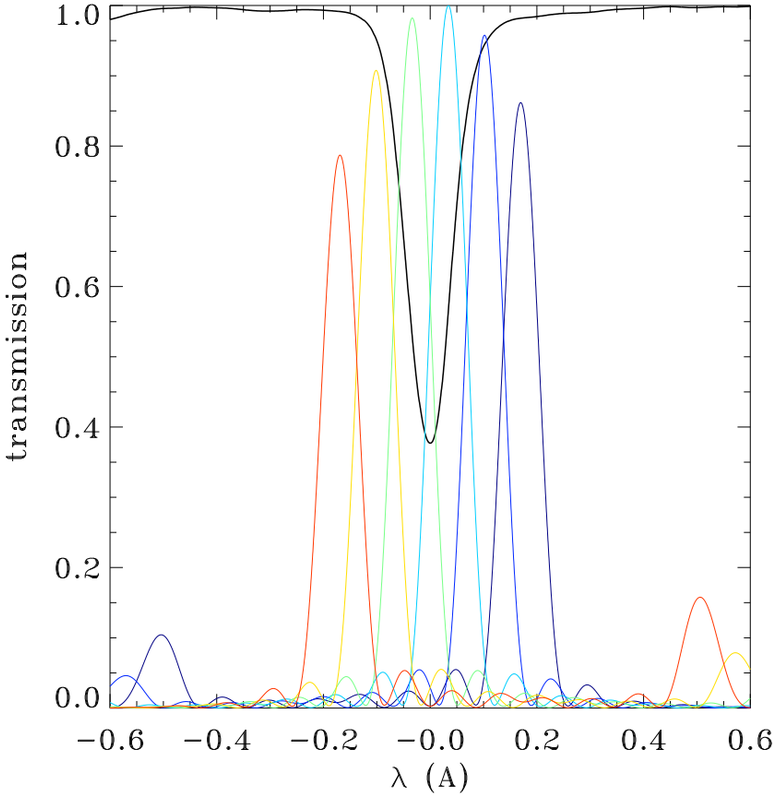
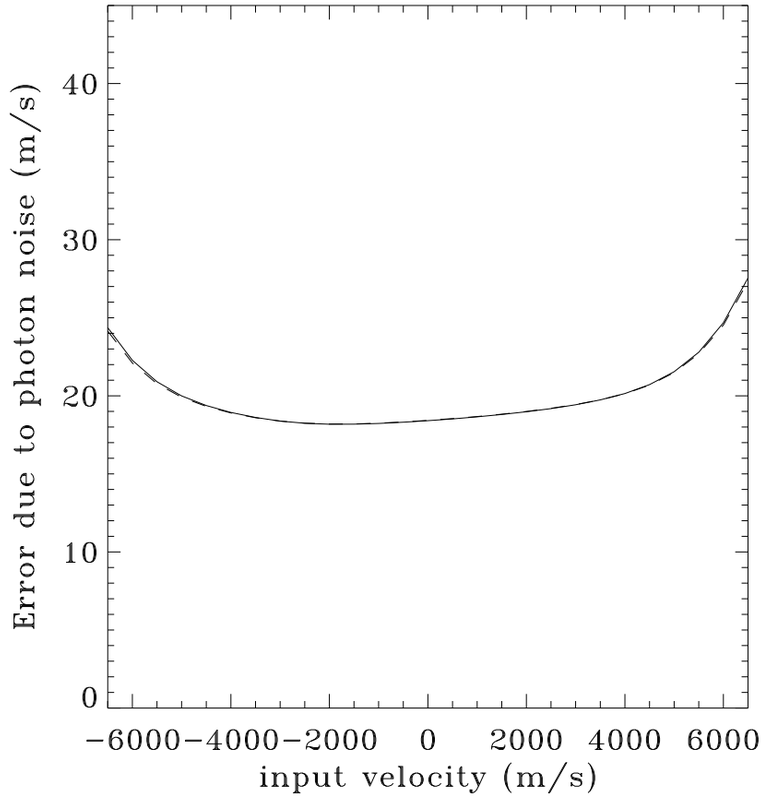

Error (m/s)
Wavelength (A)
0
1
2
3
4
5
6
−6000
−4000
−2000
0
2000
4000
6000


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


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


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