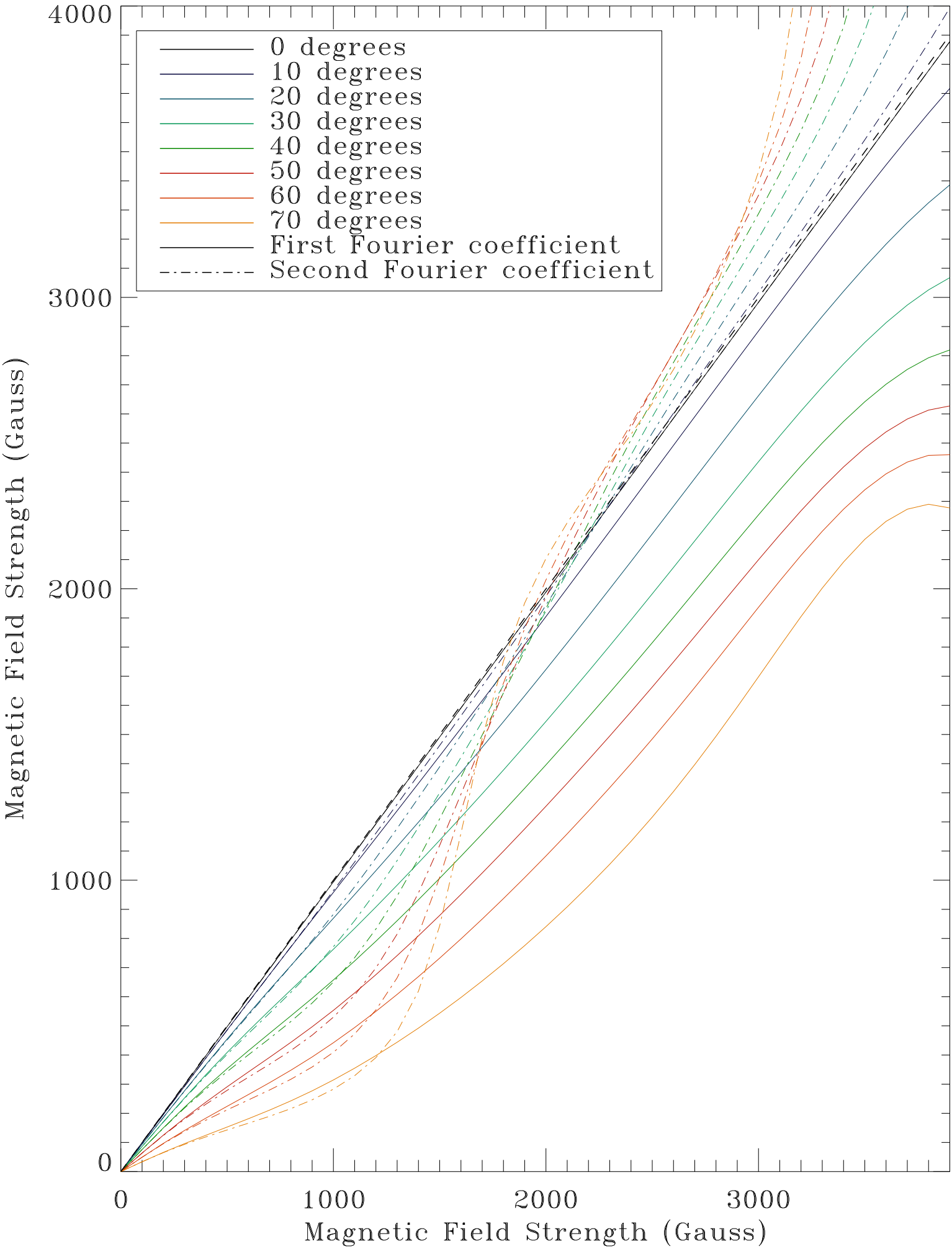
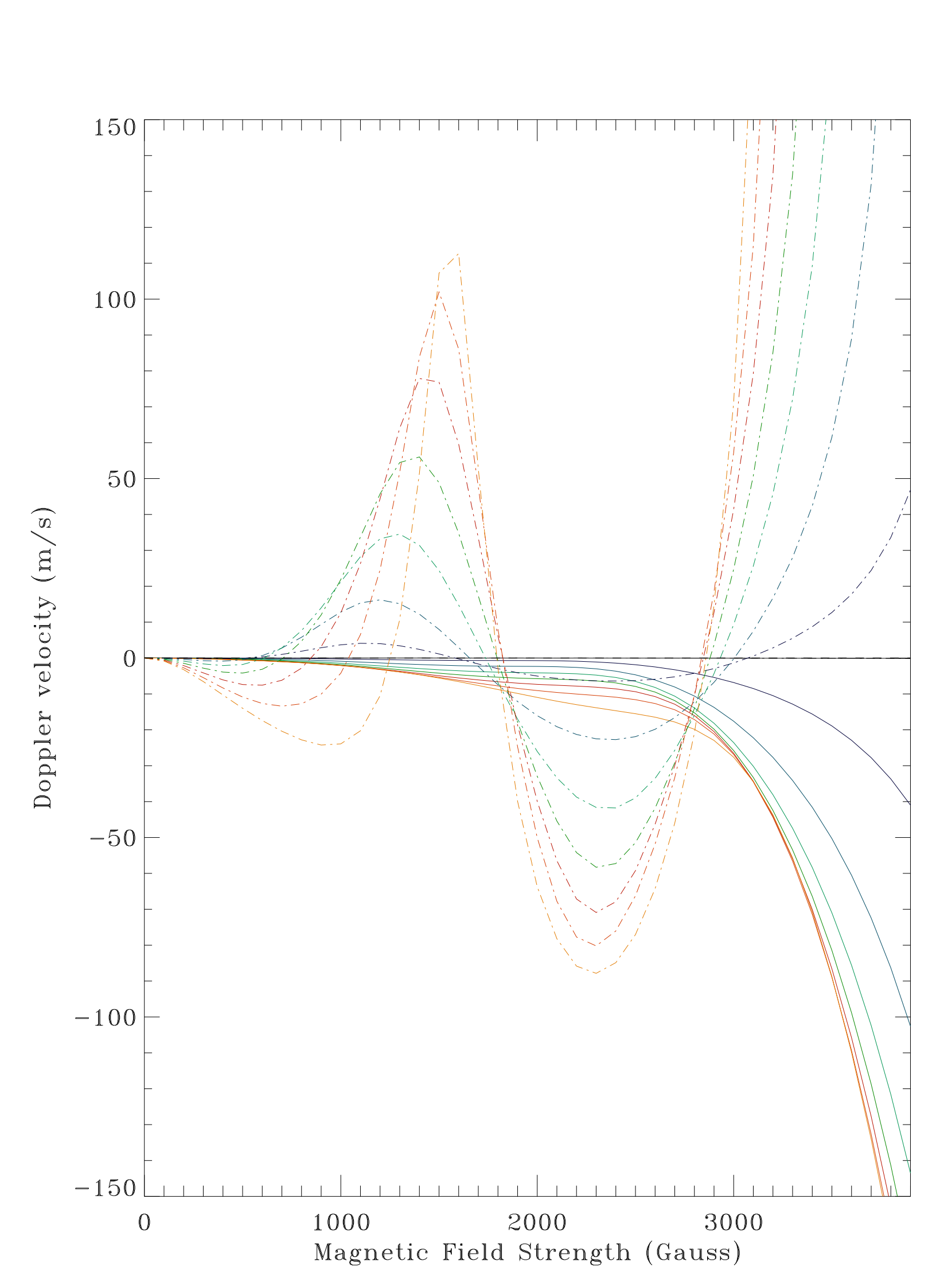
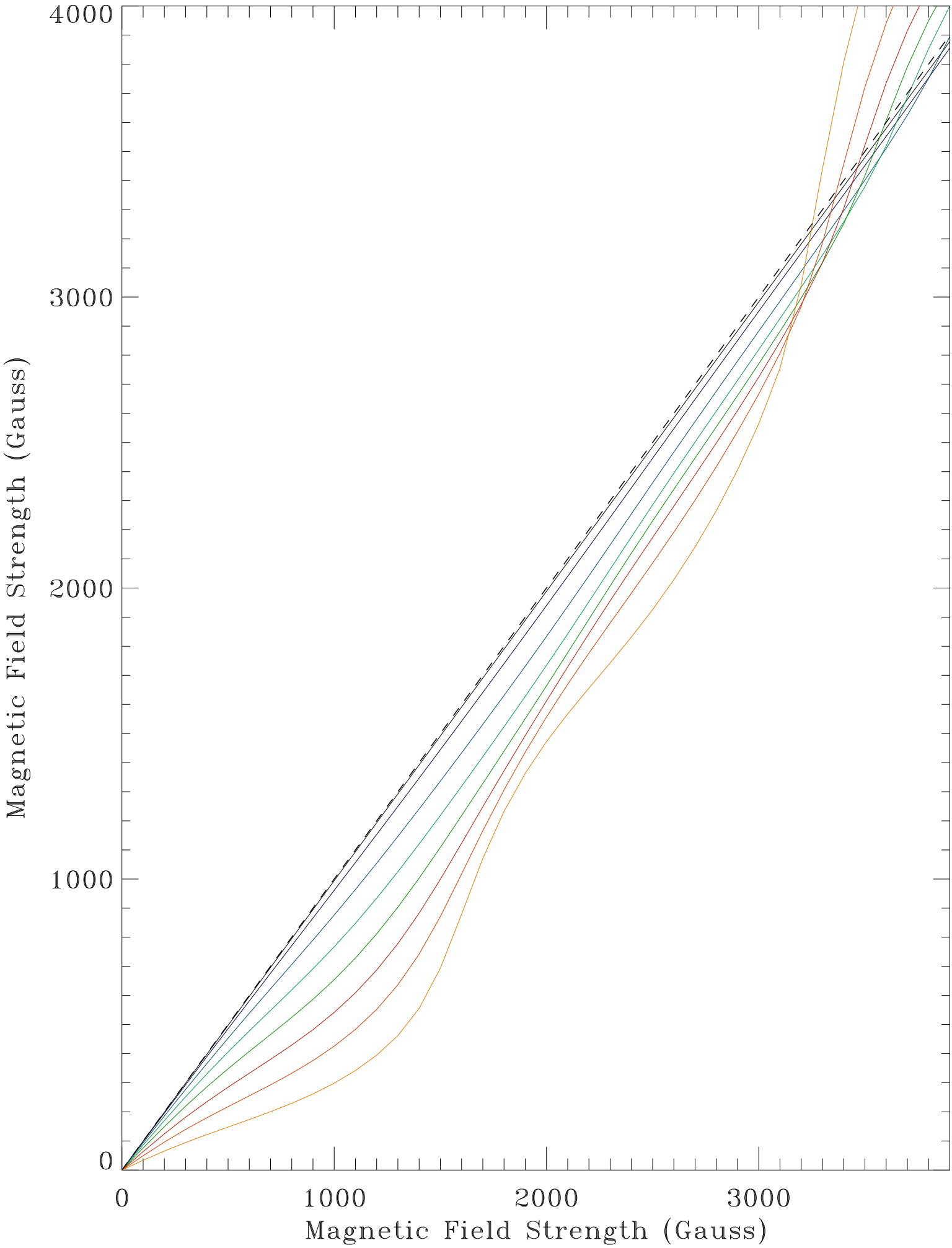
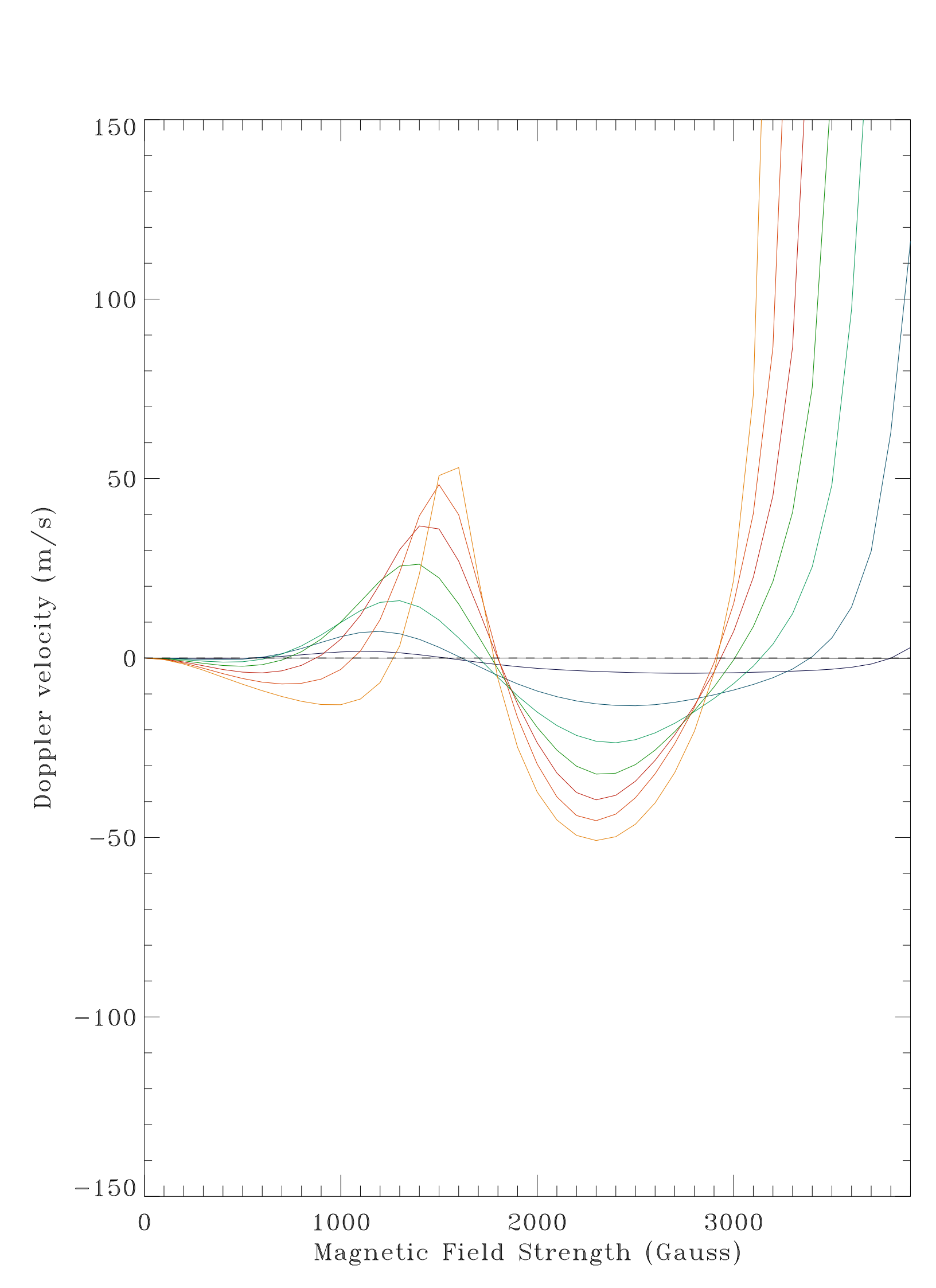

0 degrees
10 degrees
20 degrees
30 degrees
40 degrees
50 degrees
60 degrees
70 degrees
First Fourier coefficient
Second Fourier coefficient
4000
3000
2000
1000
0
0
1000
2000
3000
Magnetic Field Strength (Gauss)
Magnetic Field Strength (Gauss)


150
100
50
0
−50
−100
−150
0
1000
2000
3000
Doppler velocity (m/s)
Magnetic Field Strength (Gauss)


4000
3000
2000
1000
0
Magnetic Field Strength (Gauss)
0
1000
2000
3000
Magnetic Field Strength (Gauss)


150
100
50
0
−50
−100
−150
Doppler velocity (m/s)
0
1000
2000
3000
Magnetic Field Strength (Gauss)