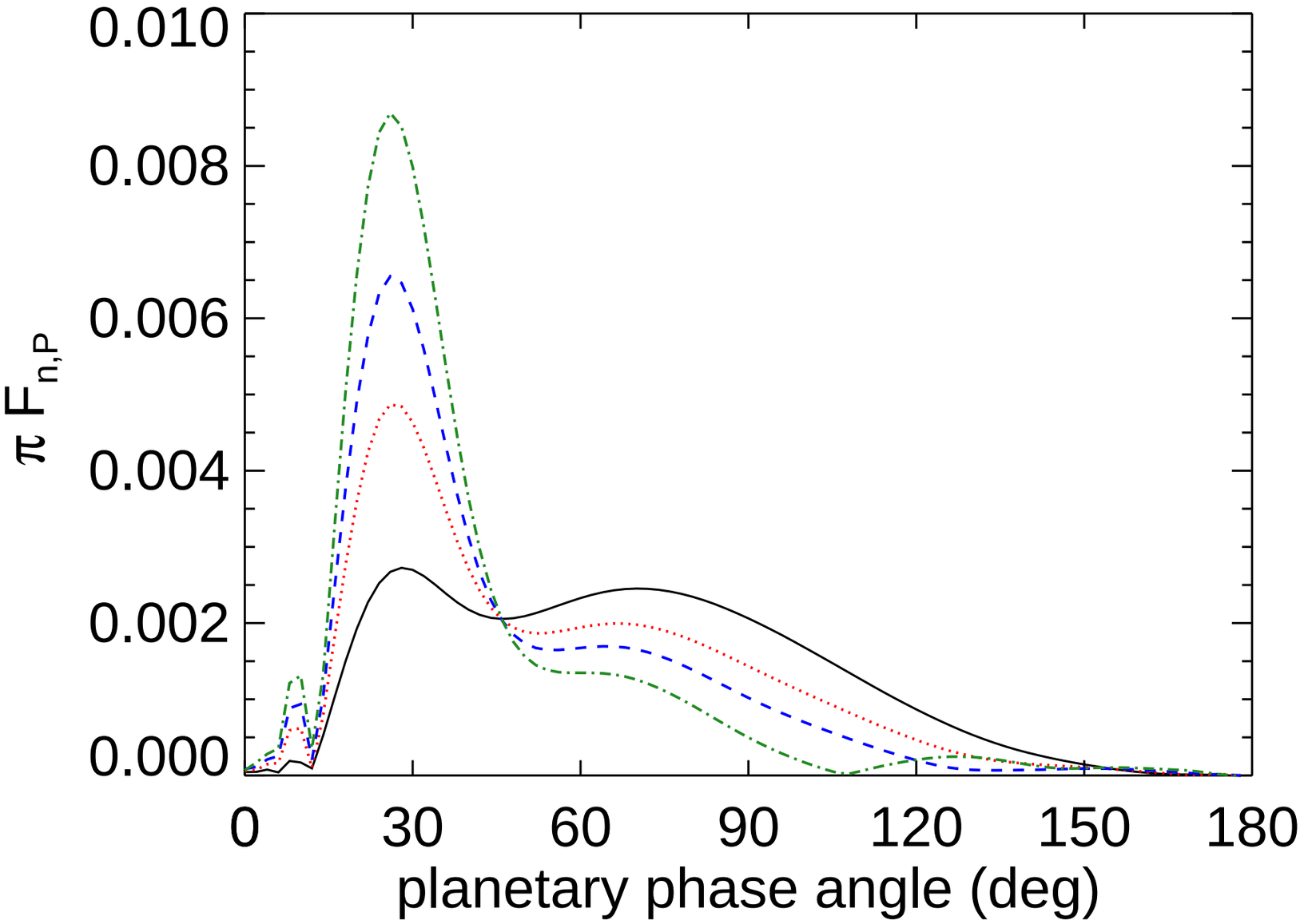
0.010
0.008
0.006
0.004
0.002
0.000
π F n,P
0
30
60
90
120
150
180
planetary phase angle (deg)