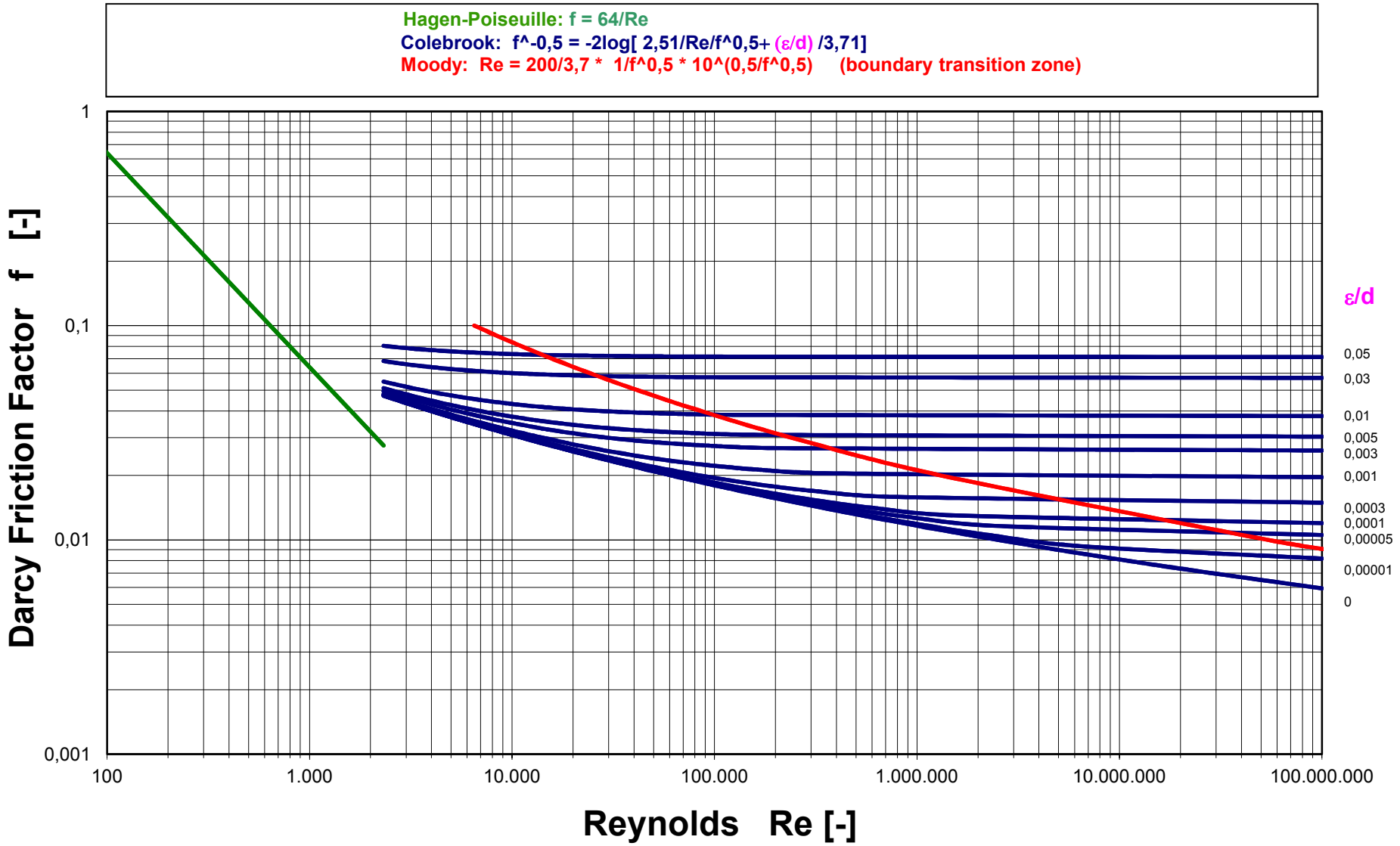
Hagen-Poiseuille: f = 64/Re
Colebrook: f^-0,5 = -2log[2,51/Re/f^0,5+ (ε/d) /3,71]
Moody: Re = 200/3,7 * 1/f^0,5 * 10^(0,5/f^0,5) (boundary transition zone)
Darcy Friction Factor f [-]
1
0,1
0,01
0,001
100
1.000
10.000
100.000
1.000.000
10.000.000
100.000.000
Reynolds Re [-]
ε/d
0,05
0,03
0,01
0,005
0,003
0,001
0,0003
0,0001
0,00005
0,00001
0