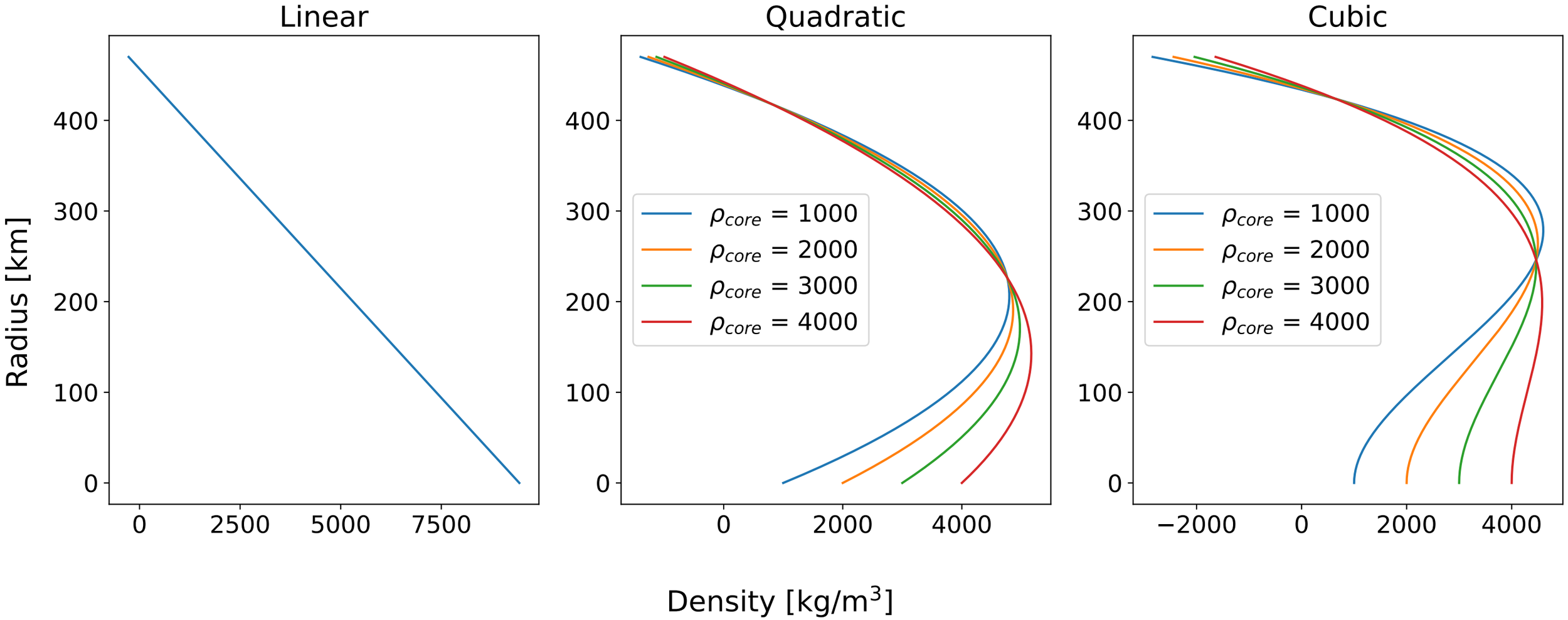
Linear
Quadratic
Cubic
Radius [km]
Density [kg/m^3]
0
100
200
300
400
0
2500
5000
7500
2000
4000
−2000
ρ_{core} = 1000
ρ_{core} = 2000
ρ_{core} = 3000
ρ_{core} = 4000