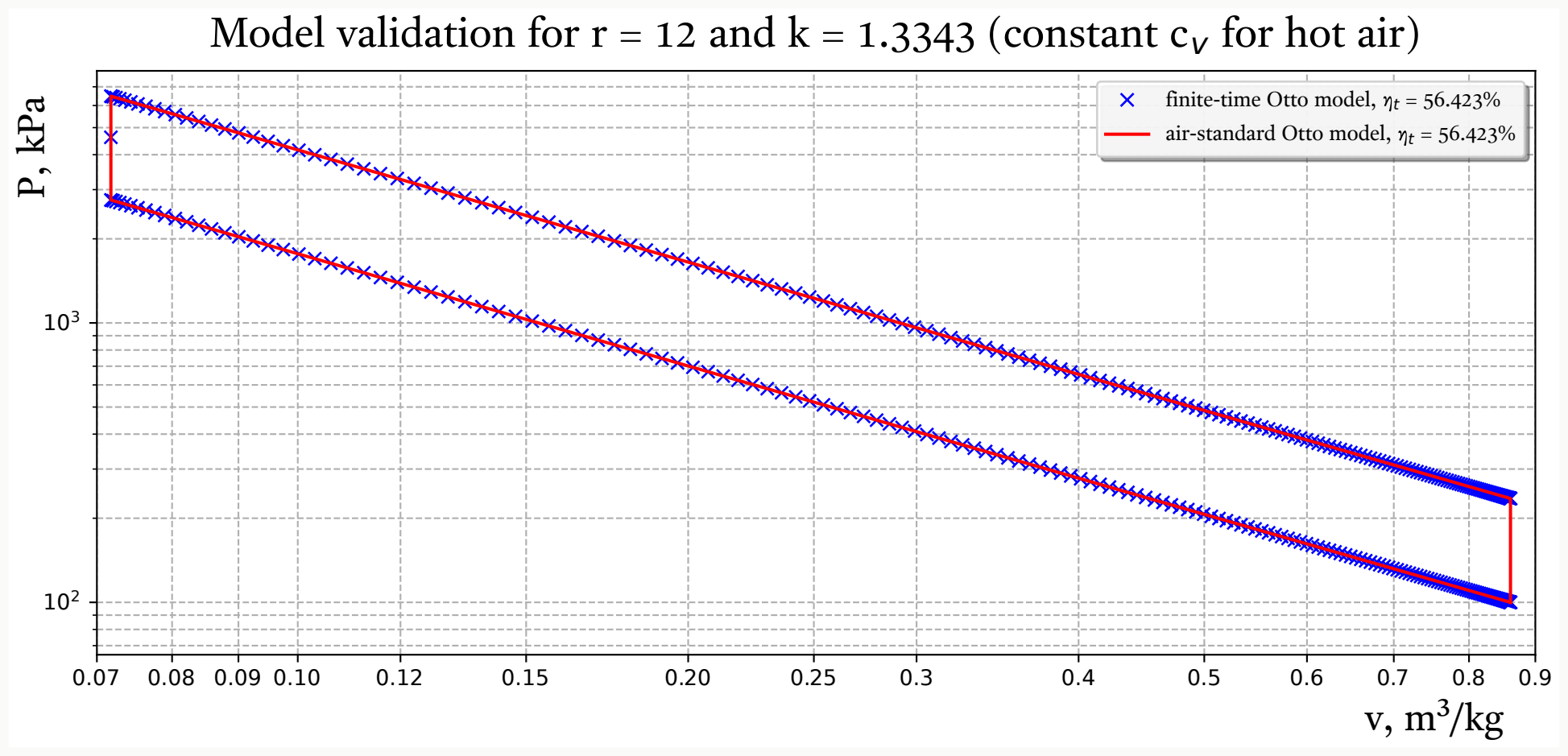
Model validation for r = 12 and k = 1.3343 (constant c_v for hot air)
finite-time Otto model, η_t = 56.423%
air-standard Otto model, η_t = 56.423%
P, kPa
10^3
10^2
0.07
0.08
0.09
0.10
0.12
0.15
0.20
0.25
0.3
0.4
0.5
0.6
0.7
0.8
0.9
v, m^3/kg