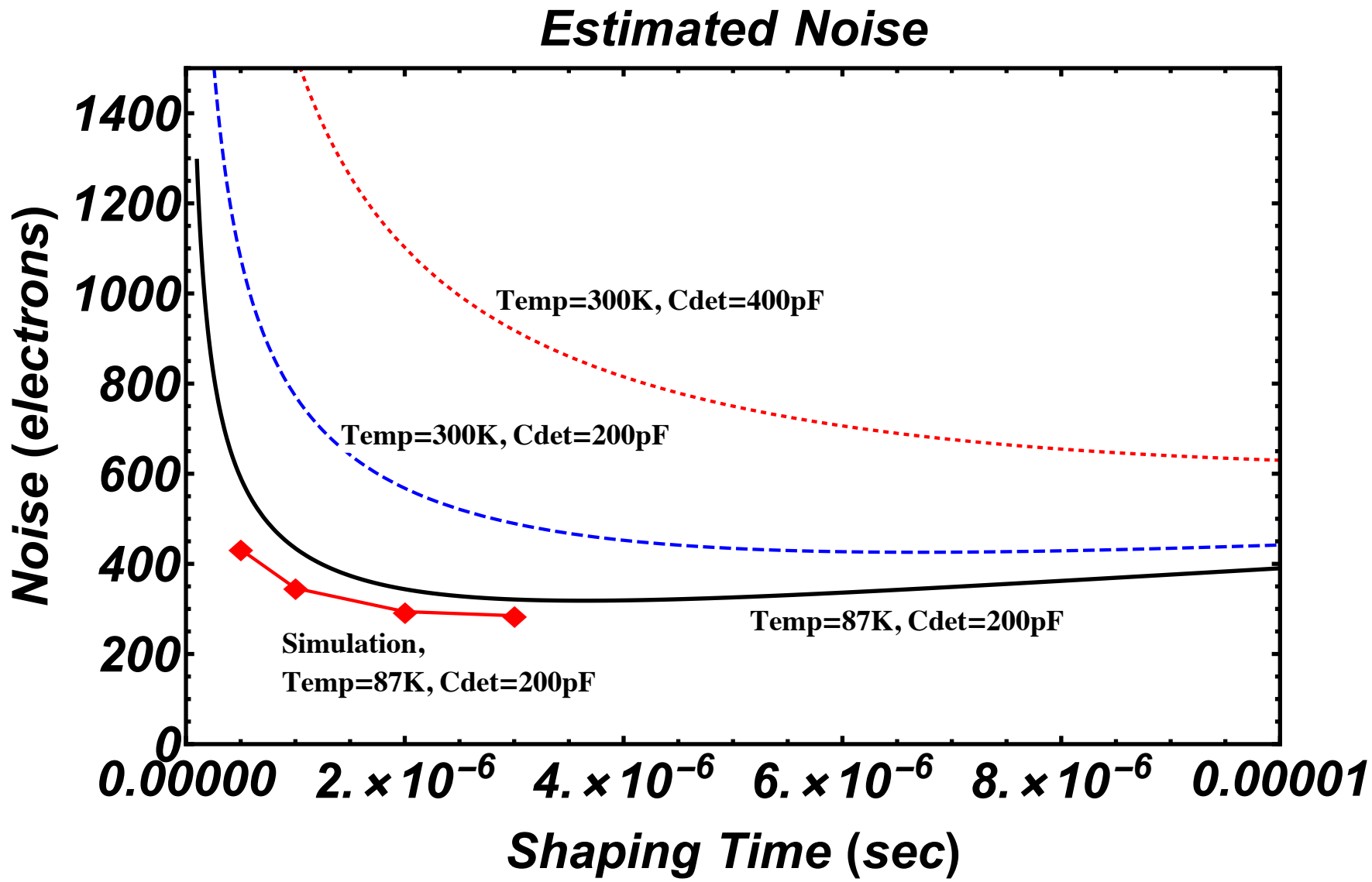
Estimated Noise
Noise (electrons)
1400
1200
1000
800
600
400
200
0
0.00000
2.×10^-6
4.×10^-6
6.×10^-6
8.×10^-6
0.00001
Shaping Time (sec)
Temp=300K, Cdet=400pF
Temp=300K, Cdet=200pF
Temp=87K, Cdet=200pF
Simulation,
Temp=87K, Cdet=200pF