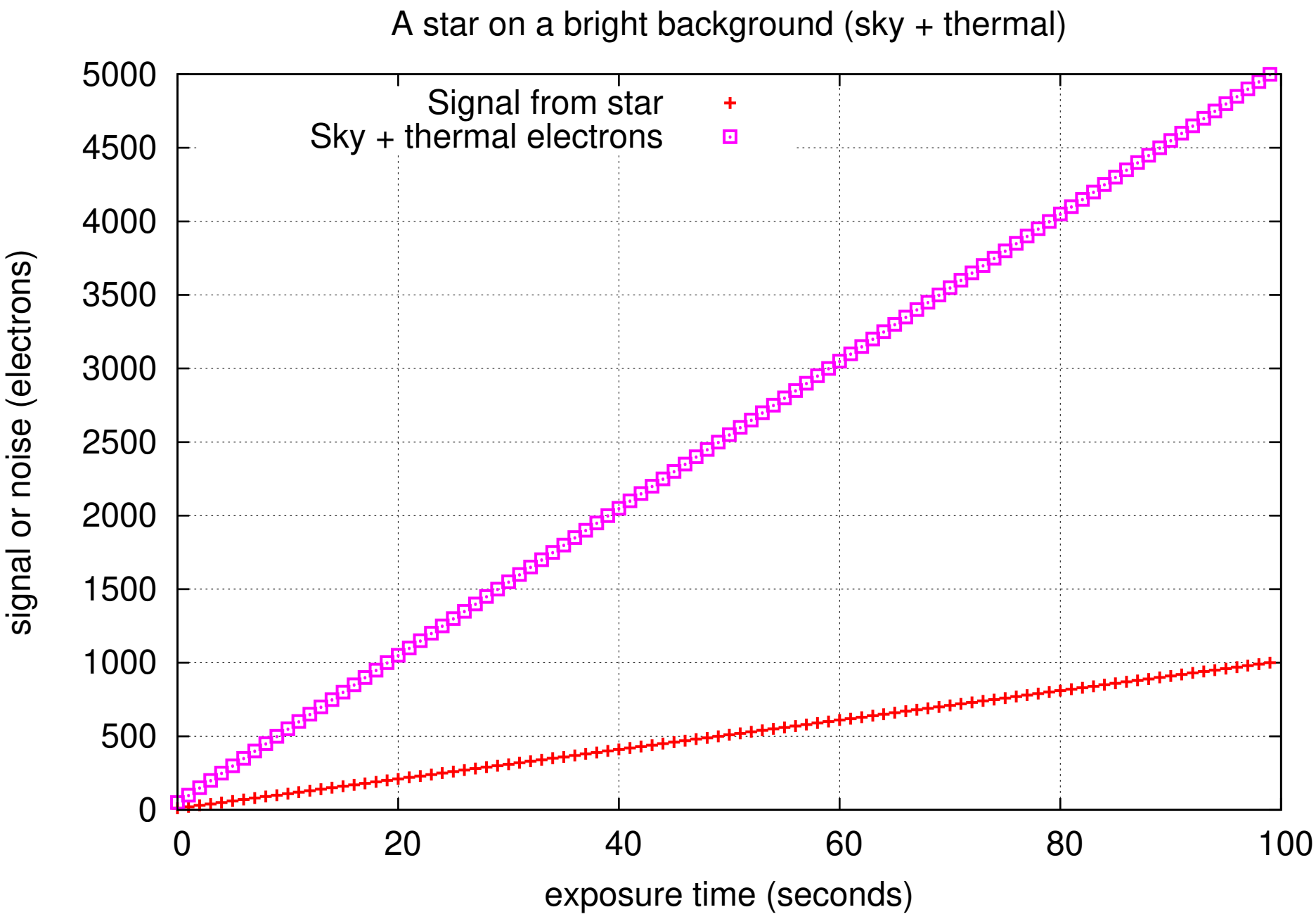
A star on a bright background (sky + thermal)
Signal from star
Sky + thermal electrons
signal or noise (electrons)
exposure time (seconds)
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
0
20
40
60
80
100