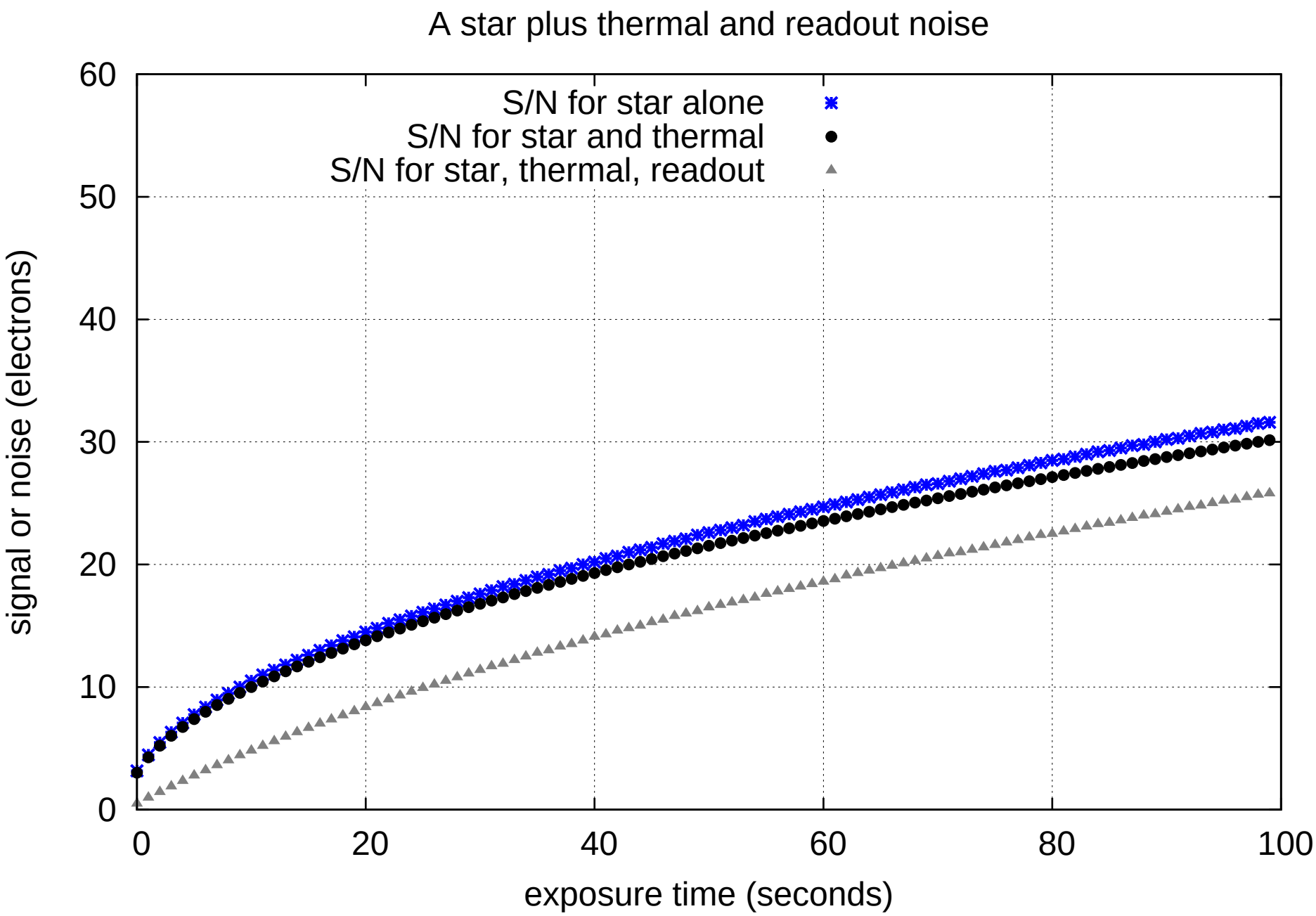
A star plus thermal and readout noise
S/N for star alone
S/N for star and thermal
S/N for star, thermal, readout
signal or noise (electrons)
exposure time (seconds)
0
10
20
30
40
50
60
0
20
40
60
80
100