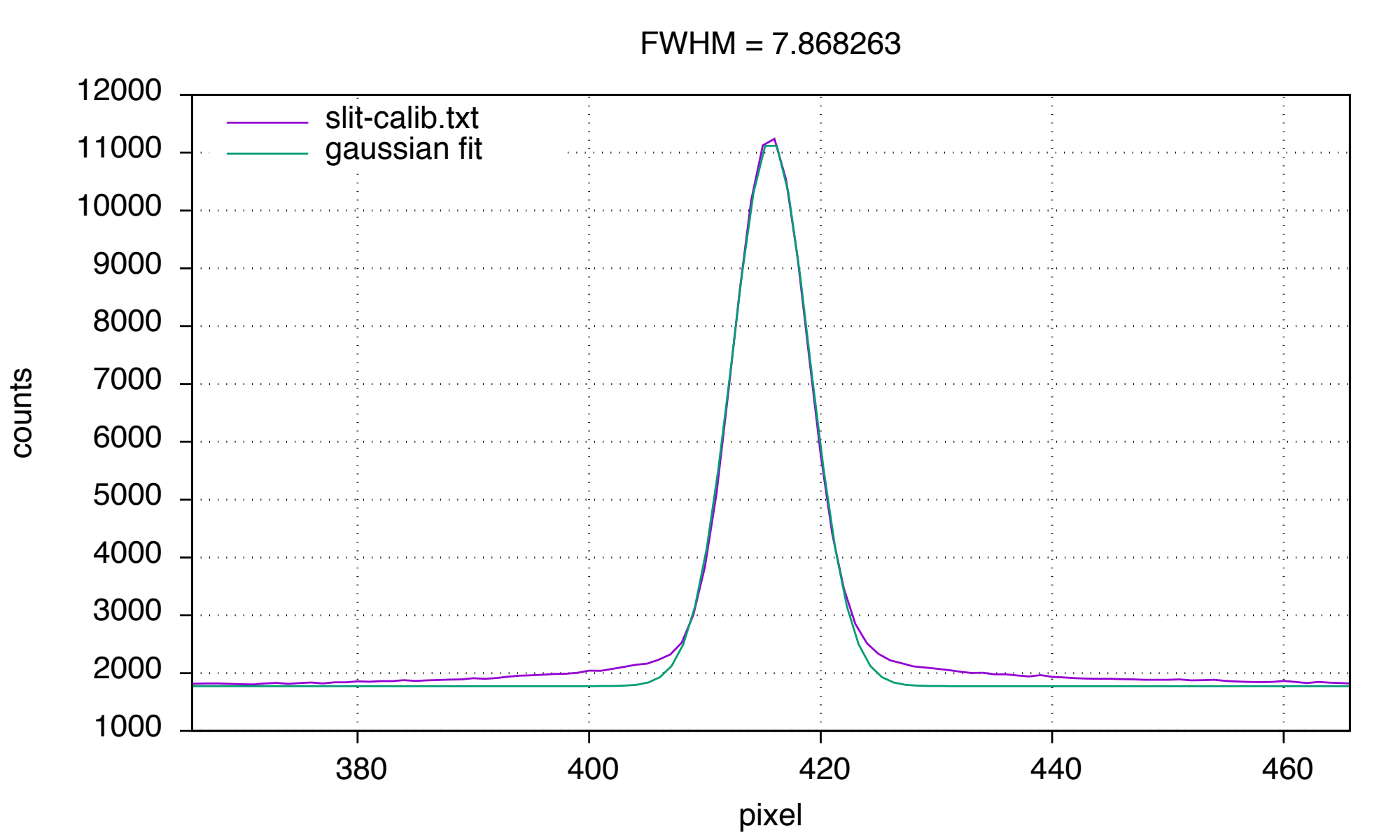
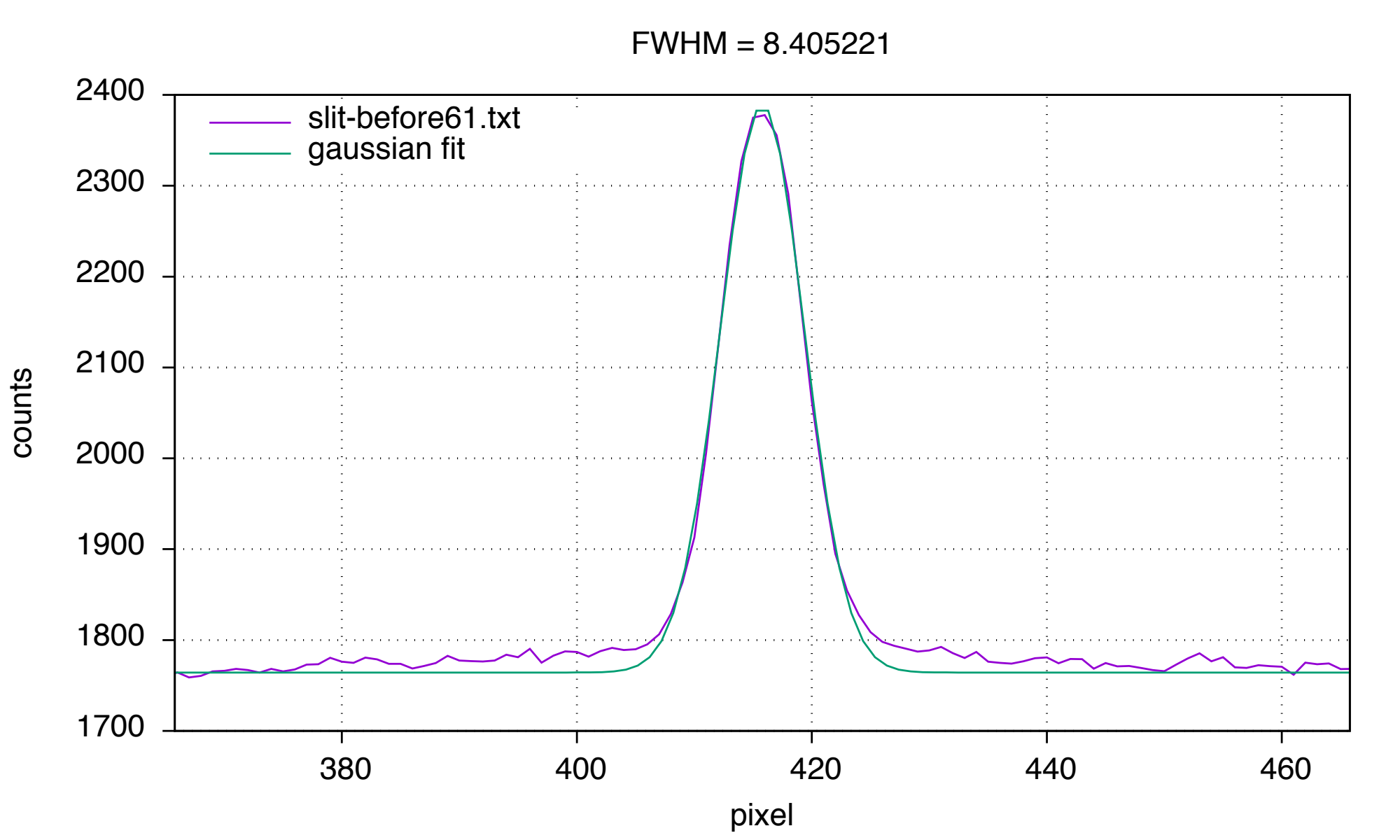
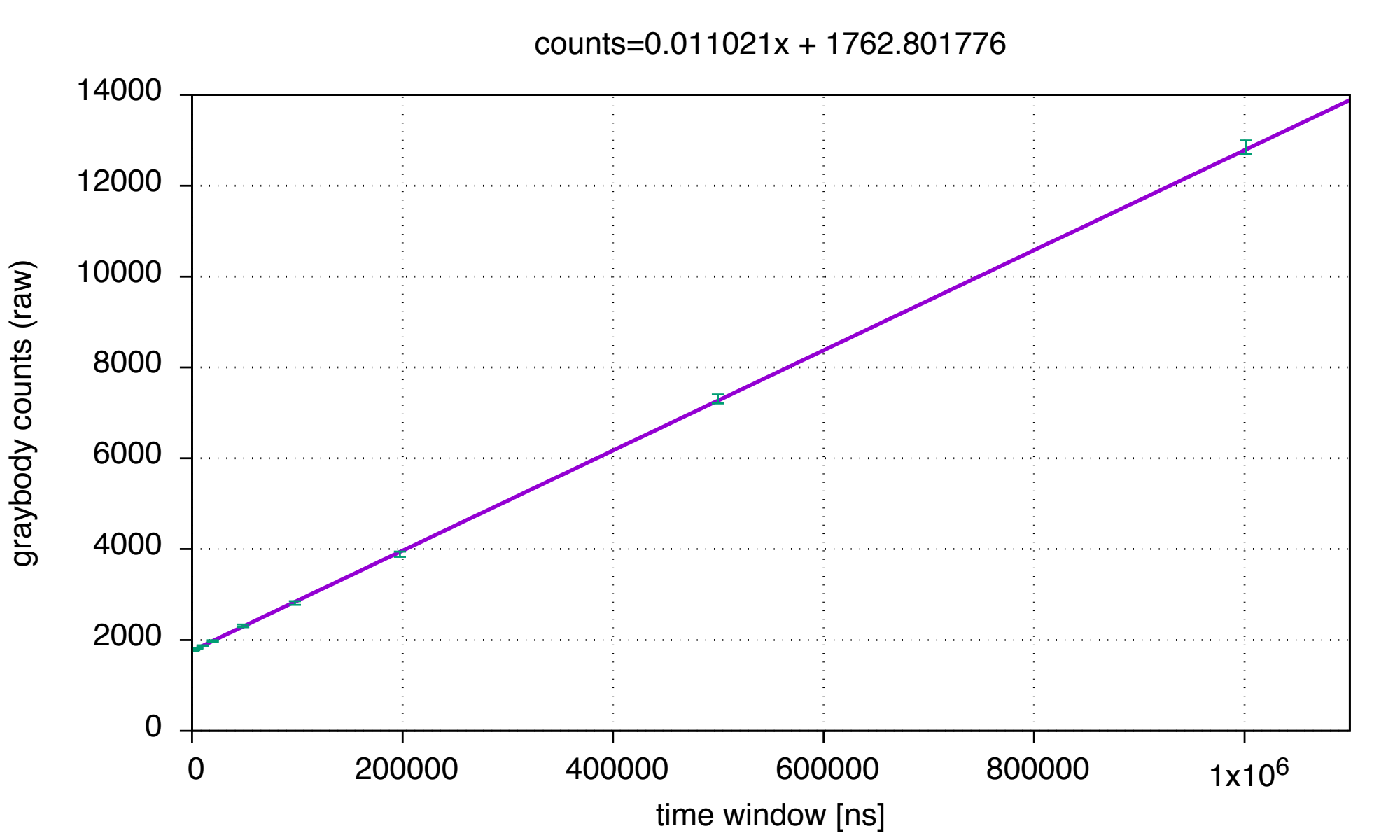
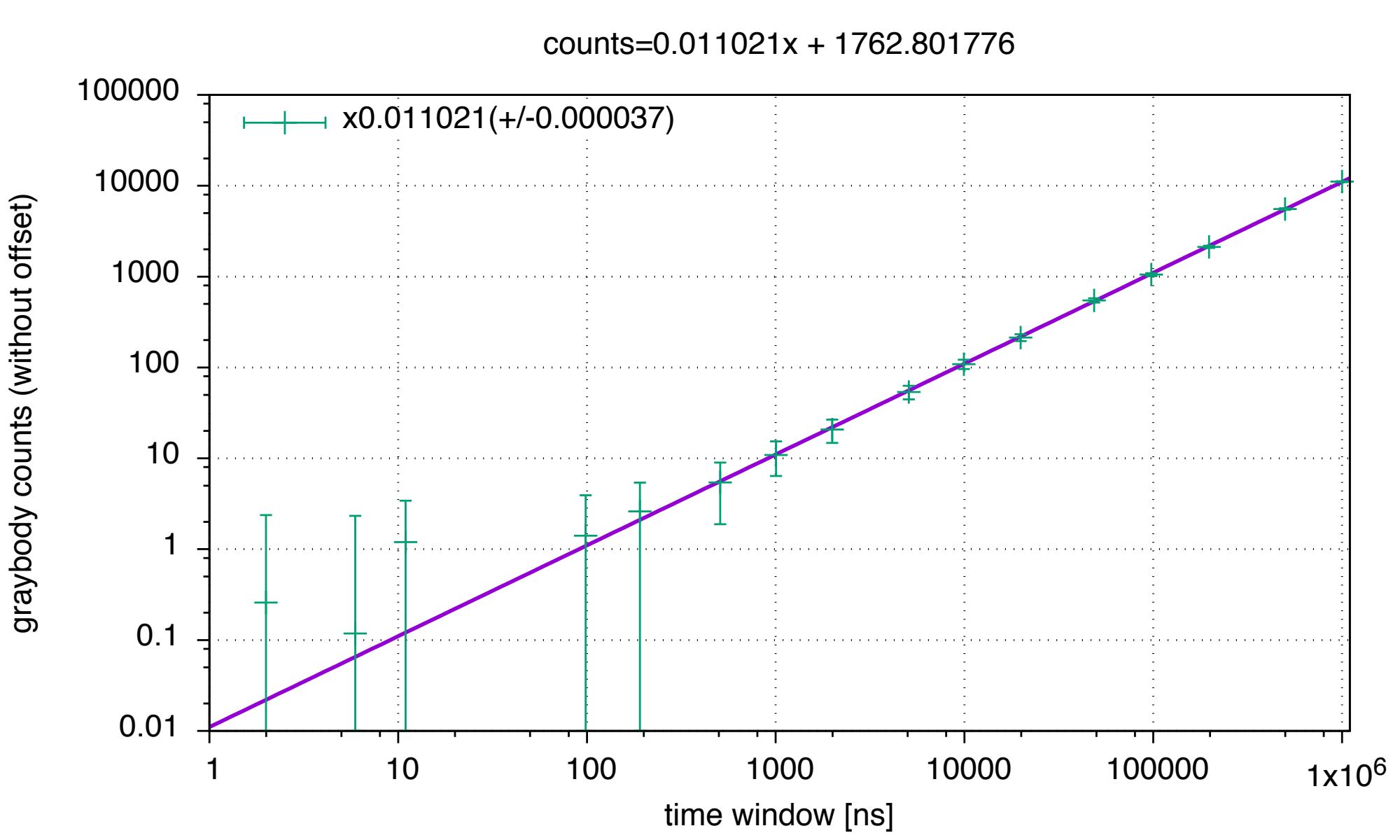
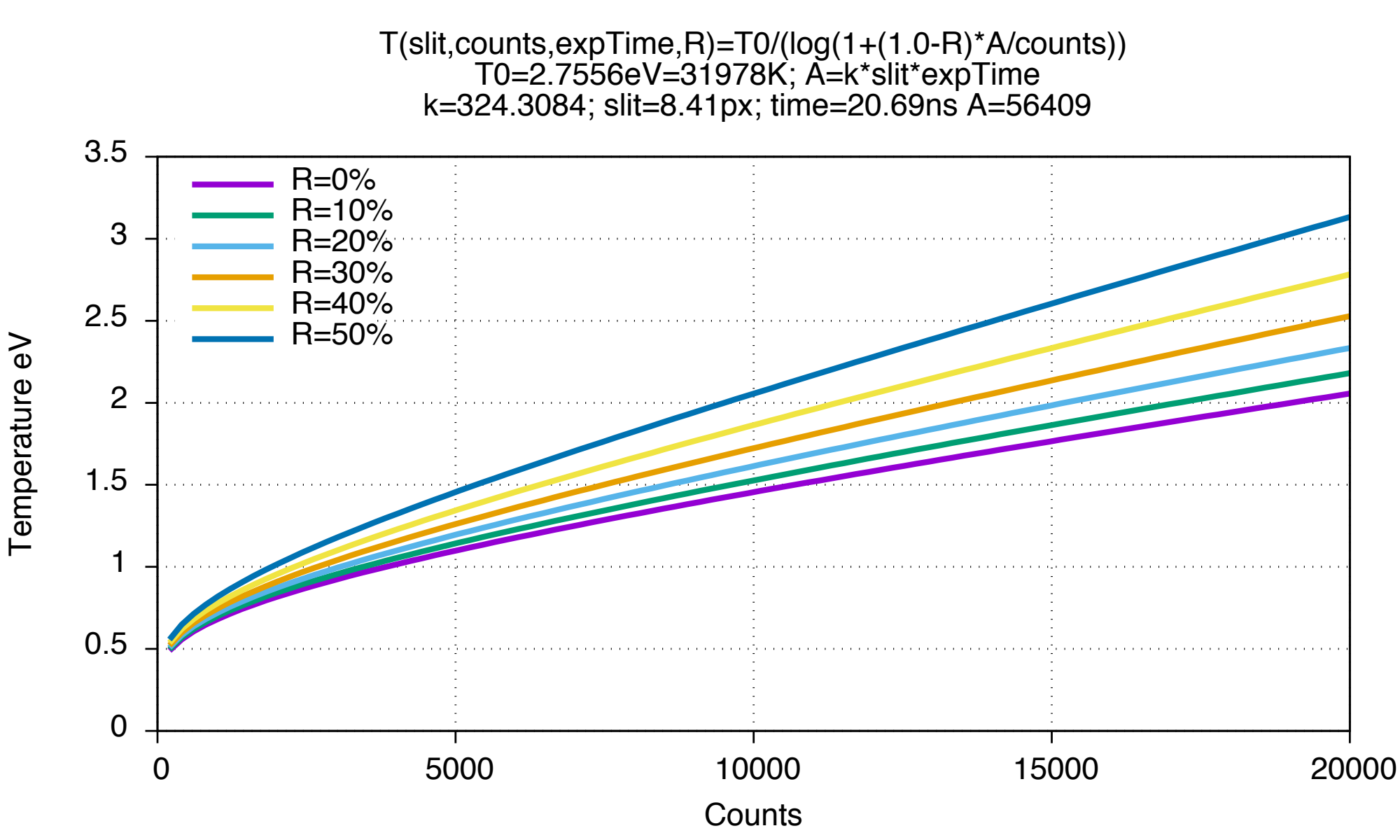
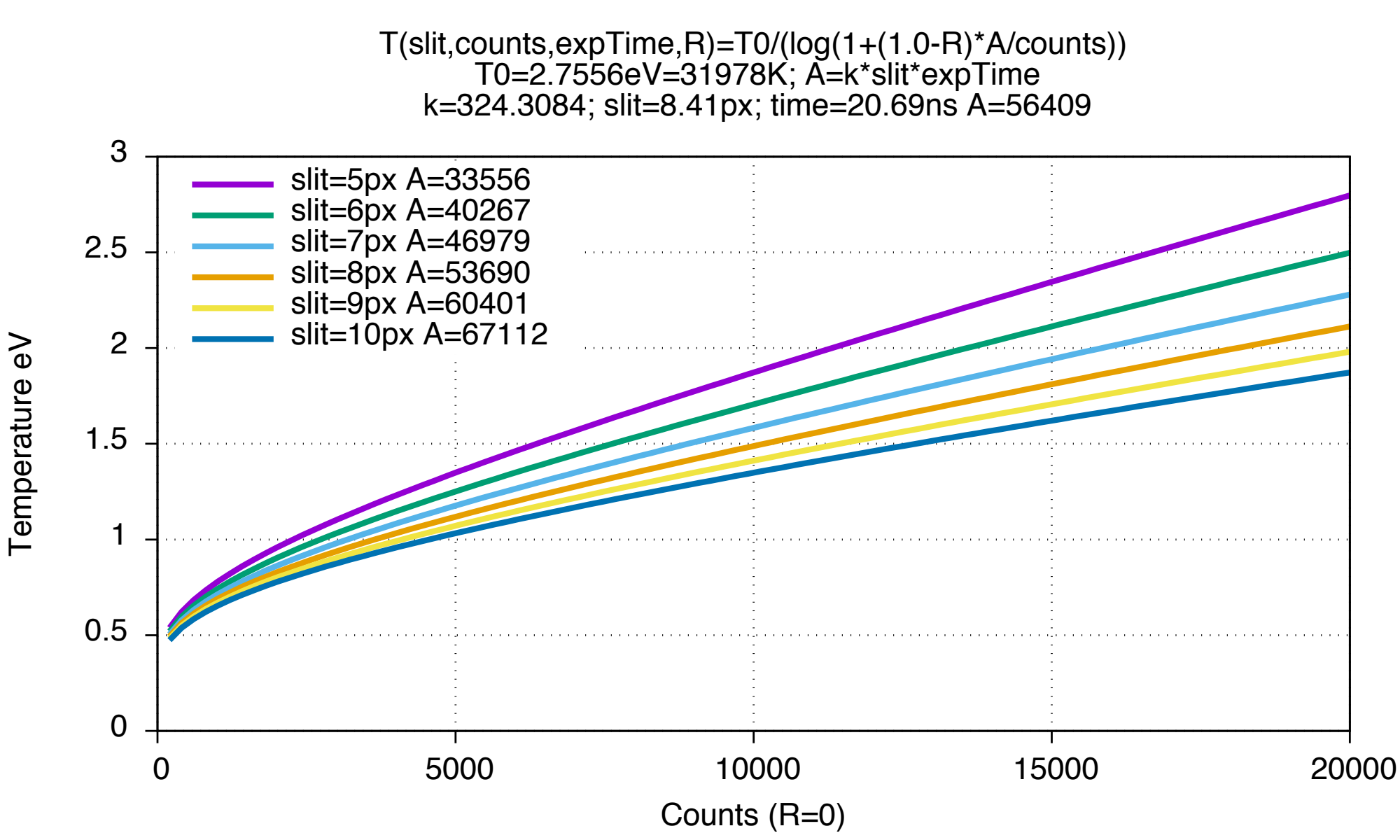

FWHM = 7.868263
slit-calib.txt
gaussian fit
12000
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
counts
380
400
420
440
460
pixel

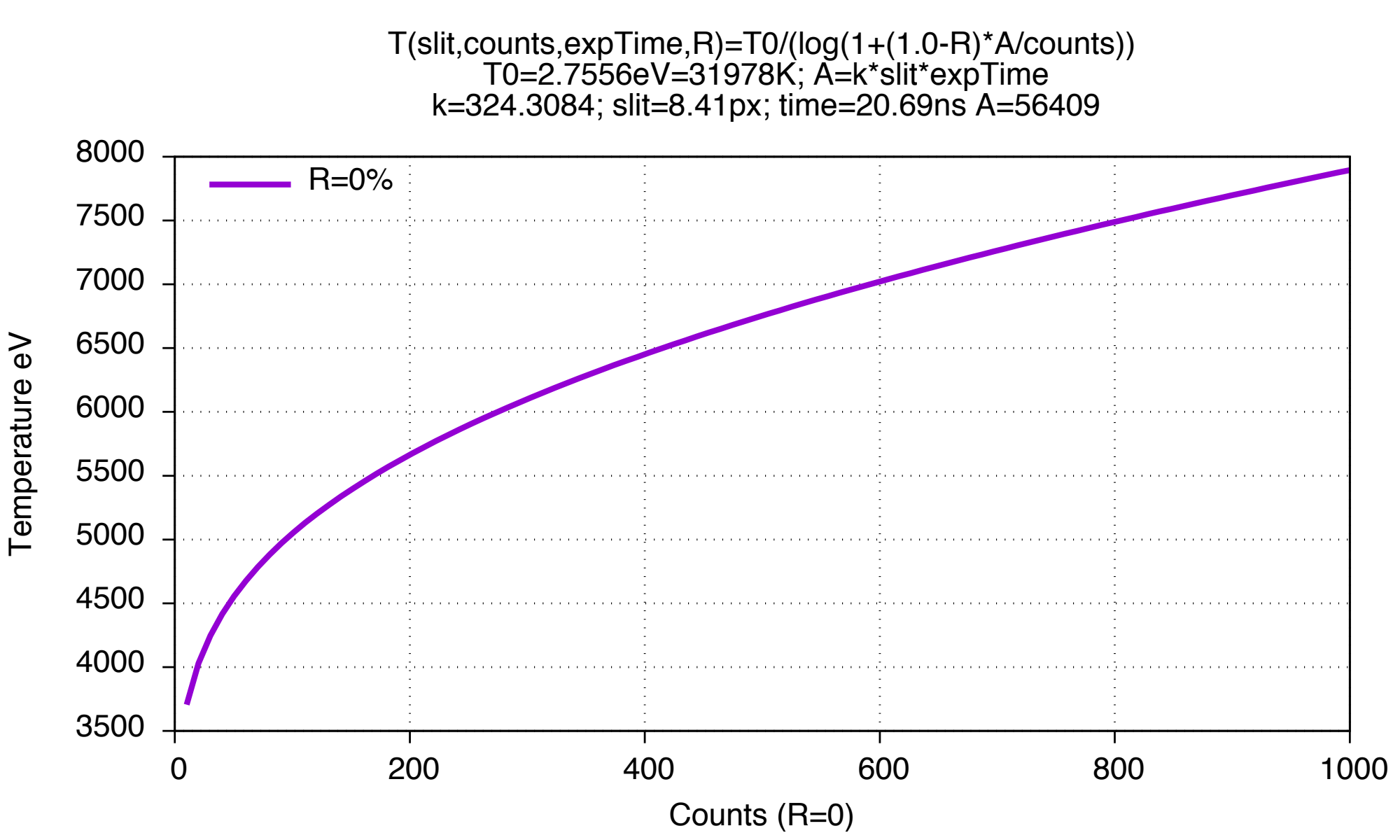

FWHM = 8.405221
slit-before61.txt
gaussian fit
2400
2300
2200
2100
2000
1900
1800
1700
counts
380
400
420
440
460
pixel

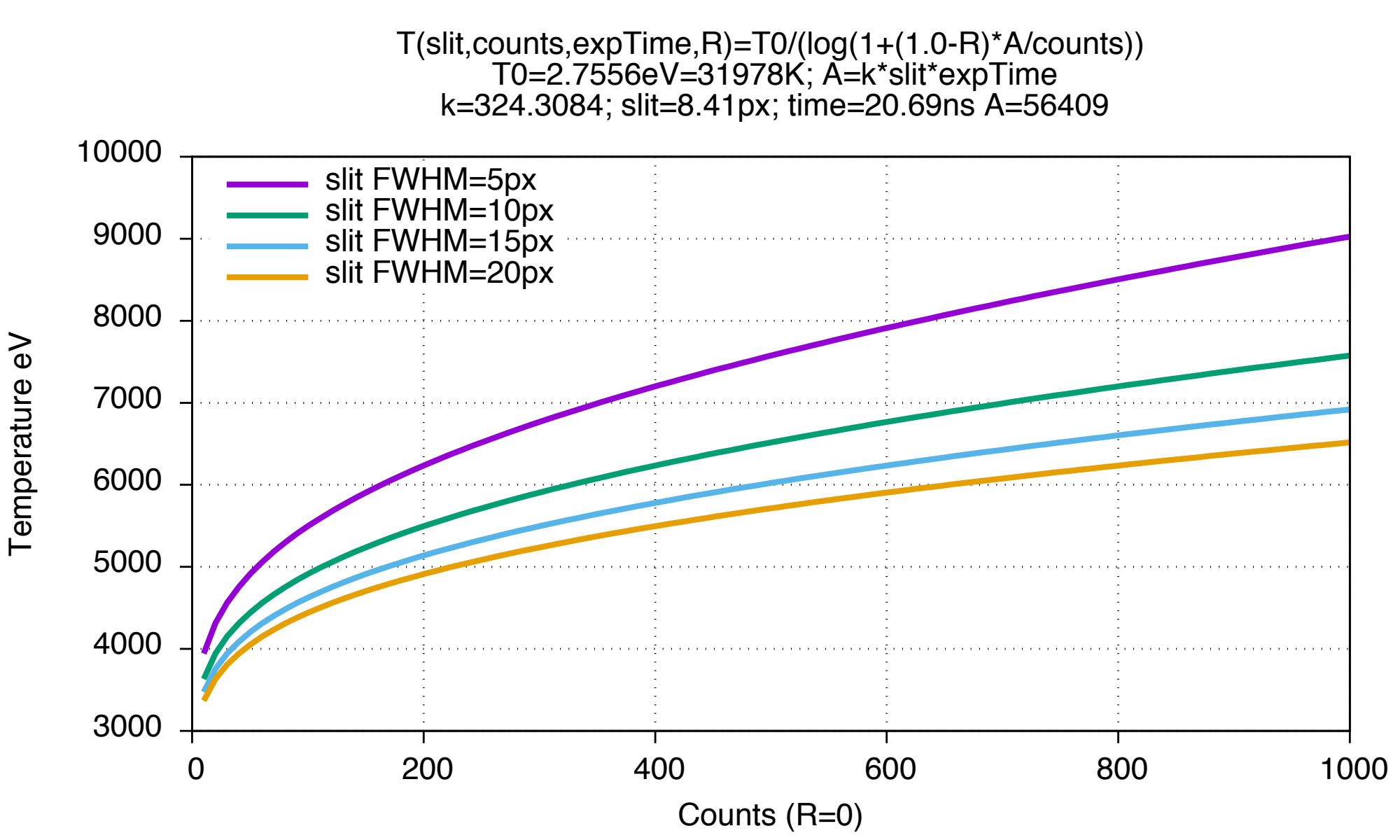

counts=0.011021x + 1762.801776
14000
12000
10000
8000
6000
4000
2000
0
graybody counts (raw)
0
200000
400000
600000
800000
1x10^6
time window [ns]


counts=0.011021x + 1762.801776
x0.011021(+/-0.000037)
graybody counts (without offset)
100000
10000
1000
100
10
1
0.1
0.01
1
10
100
1000
10000
100000
1x10^6
time window [ns]


T(slit,counts,expTime,R)=T0/(log(1+(1.0-R)*A/counts))
T0=2.7556eV=31978K; A=k*slit*expTime
k=324.3084; slit=8.41px; time=20.69ns A=56409
R=0%
R=10%
R=20%
R=30%
R=40%
R=50%
Temperature eV
Counts
0
0.5
1
1.5
2
2.5
3
3.5
0
5000
10000
15000
20000


T(slit,counts,expTime,R)=T0/(log(1+(1.0-R)*A/counts))
T0=2.7556eV=31978K; A=k*slit*expTime
k=324.3084; slit=8.41px; time=20.69ns A=56409
slit=5px A=33556
slit=6px A=40267
slit=7px A=46979
slit=8px A=53690
slit=9px A=60401
slit=10px A=67112
Temperature eV
Counts (R=0)
0
0.5
1
1.5
2
2.5
3
0
5000
10000
15000
20000


T(slit,counts,expTime,R)=T0/(log(1+(1.0-R)*A/counts))
T0=2.7556eV=31978K; A=k*slit*expTime
k=324.3084; slit=8.41px; time=20.69ns A=56409
R=0%
Temperature eV
8000
7500
7000
6500
6000
5500
5000
4500
4000
3500
0
200
400
600
800
1000
Counts (R=0)


T(slit,counts,expTime,R)=T0/(log(1+(1.0-R)*A/counts))
T0=2.7556eV=31978K; A=k*slit*expTime
k=324.3084; slit=8.41px; time=20.69ns A=56409
slit FWHM=5px
slit FWHM=10px
slit FWHM=15px
slit FWHM=20px
Temperature eV
10000
9000
8000
7000
6000
5000
4000
3000
0
200
400
600
800
1000
Counts (R=0)