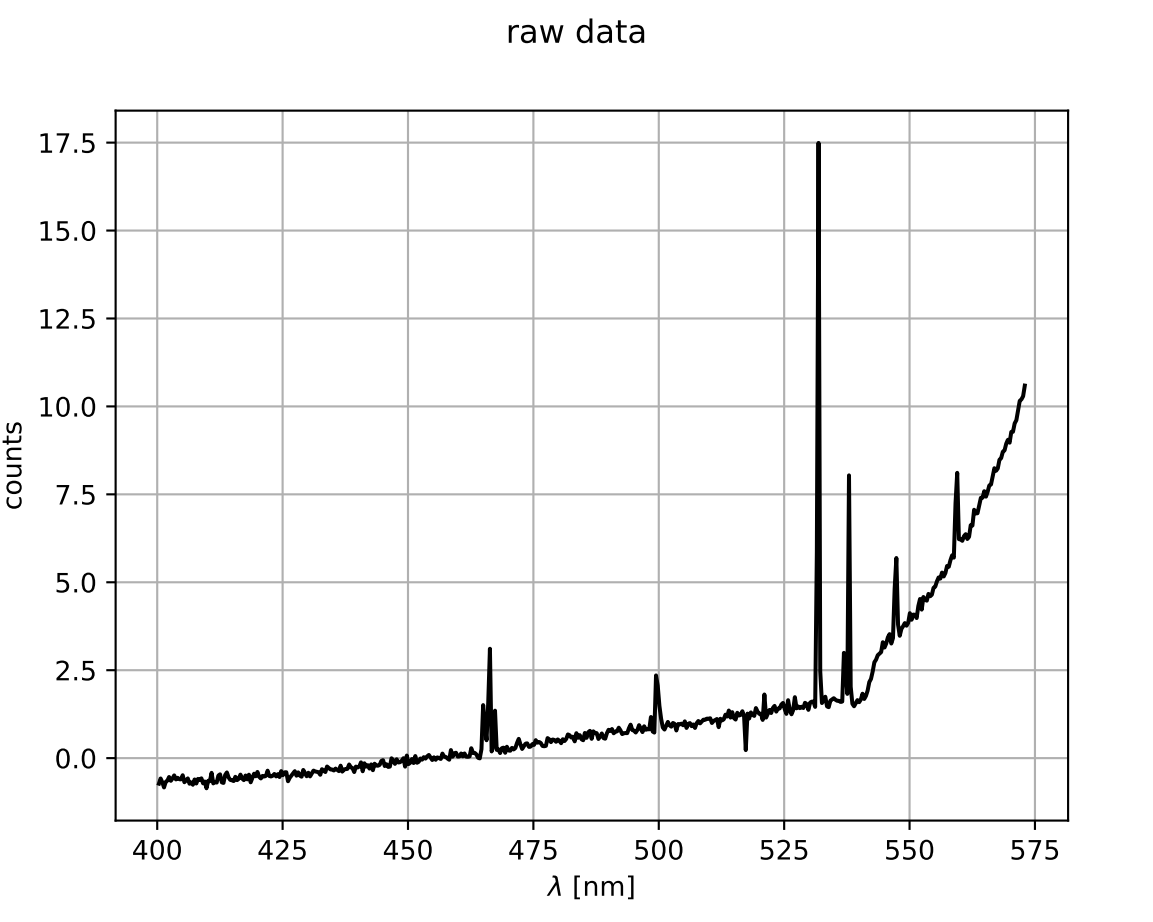
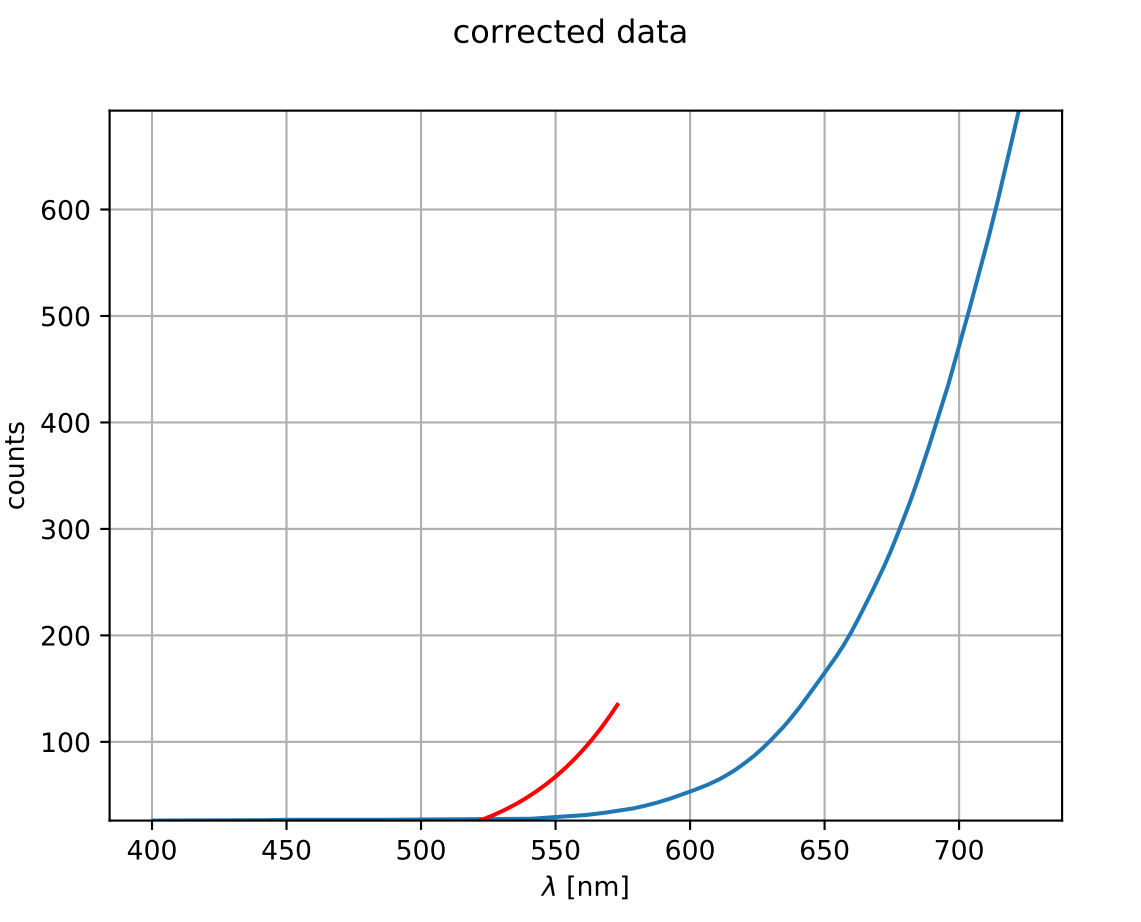
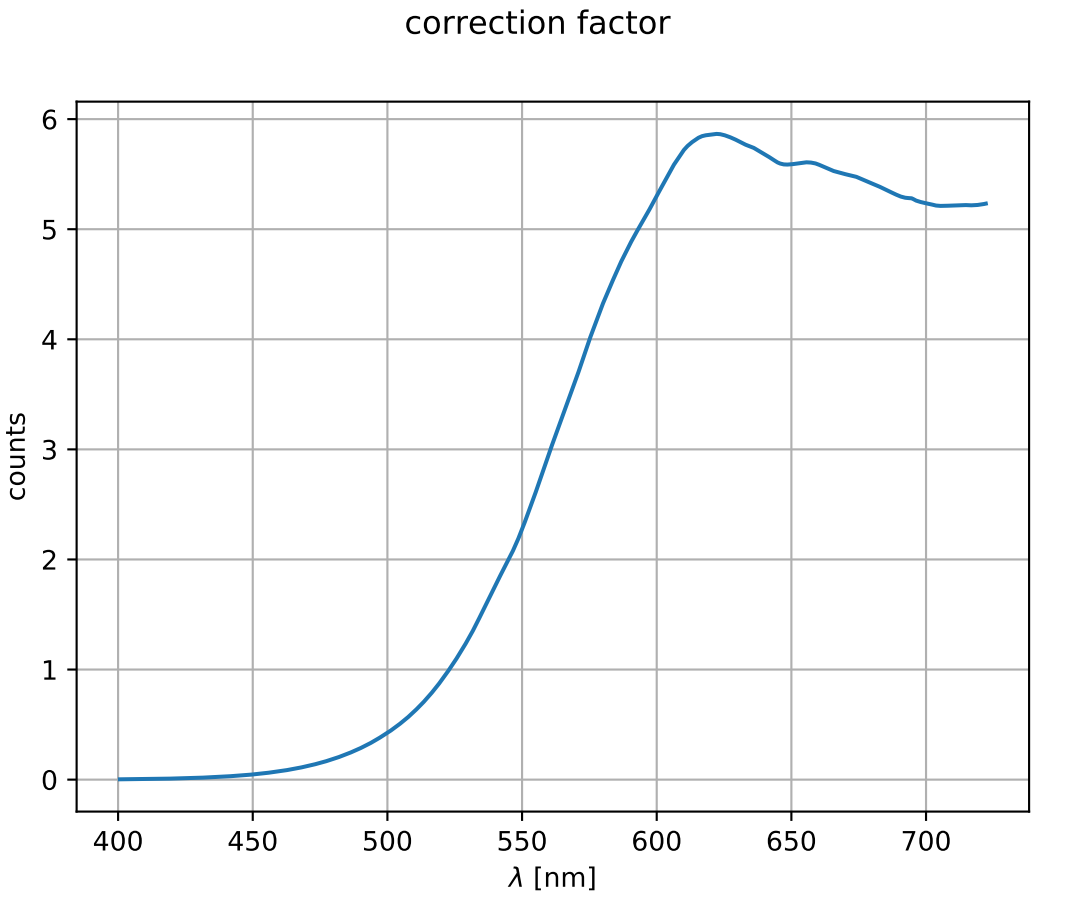
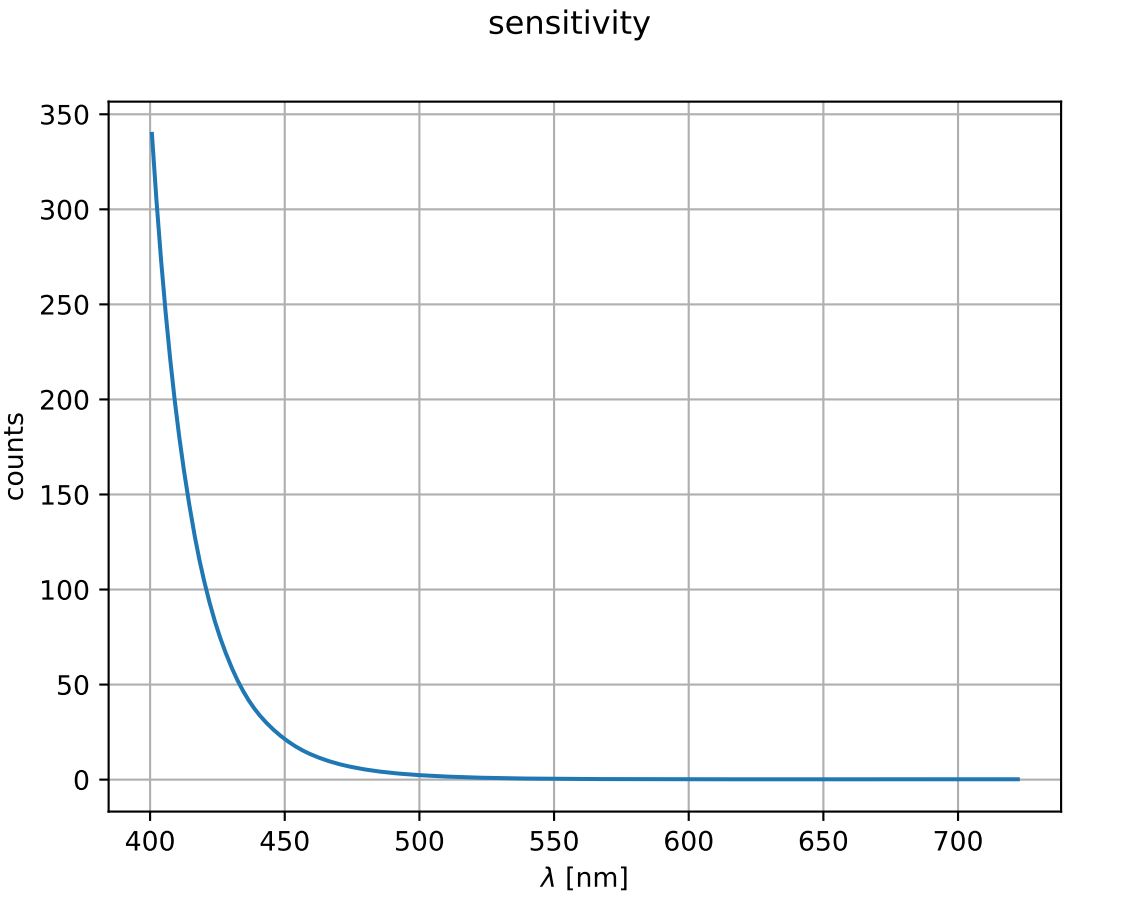
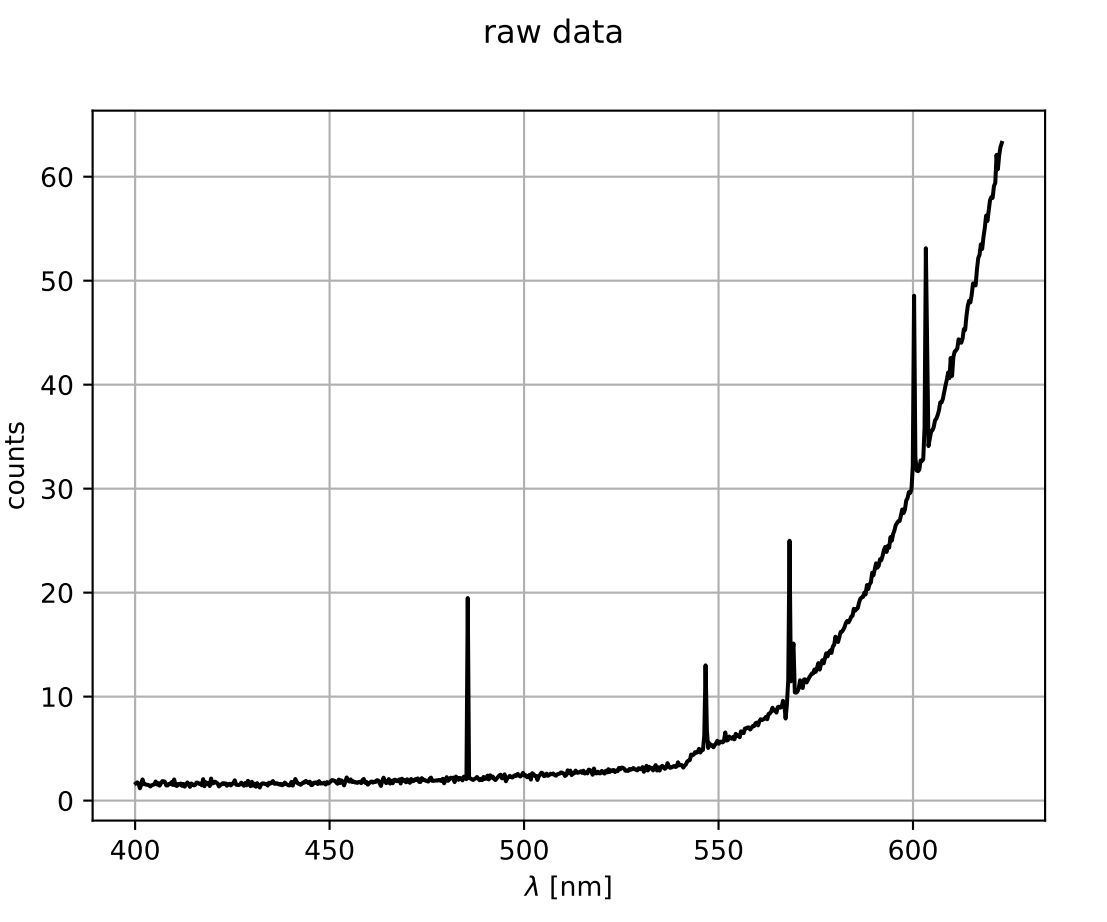
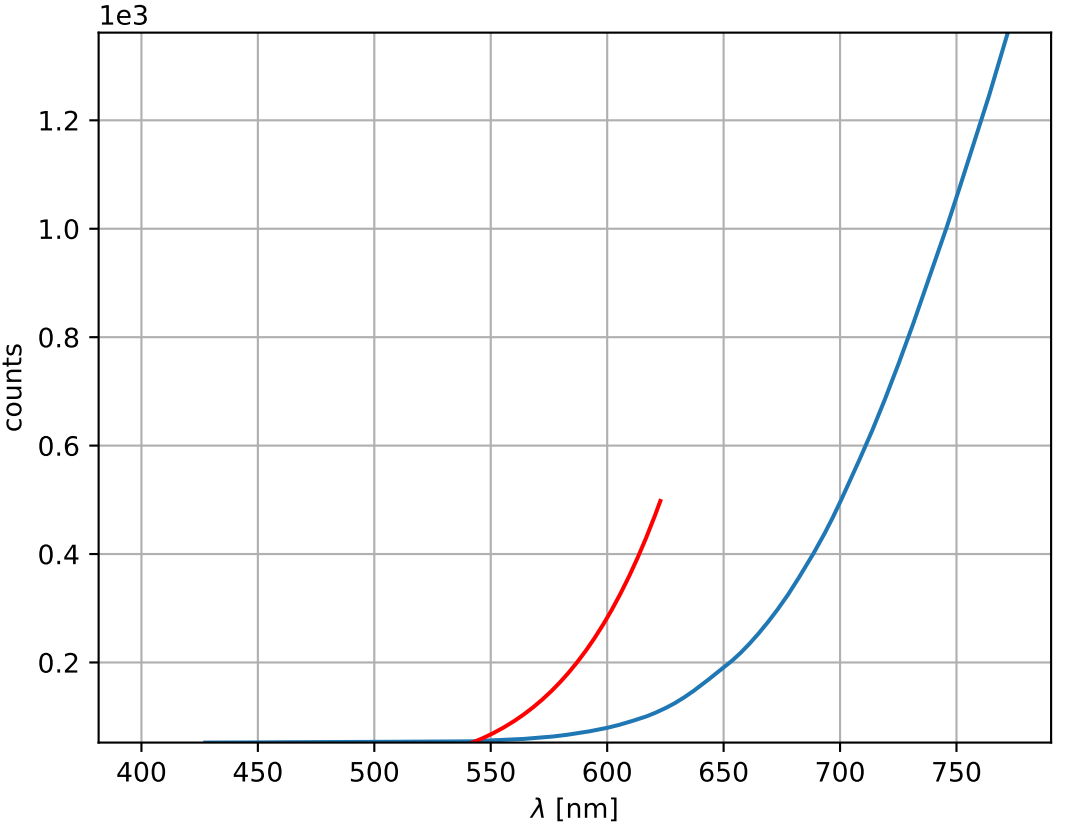

raw data
counts
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
400
425
450
475
500
525
550
575
λ [nm]

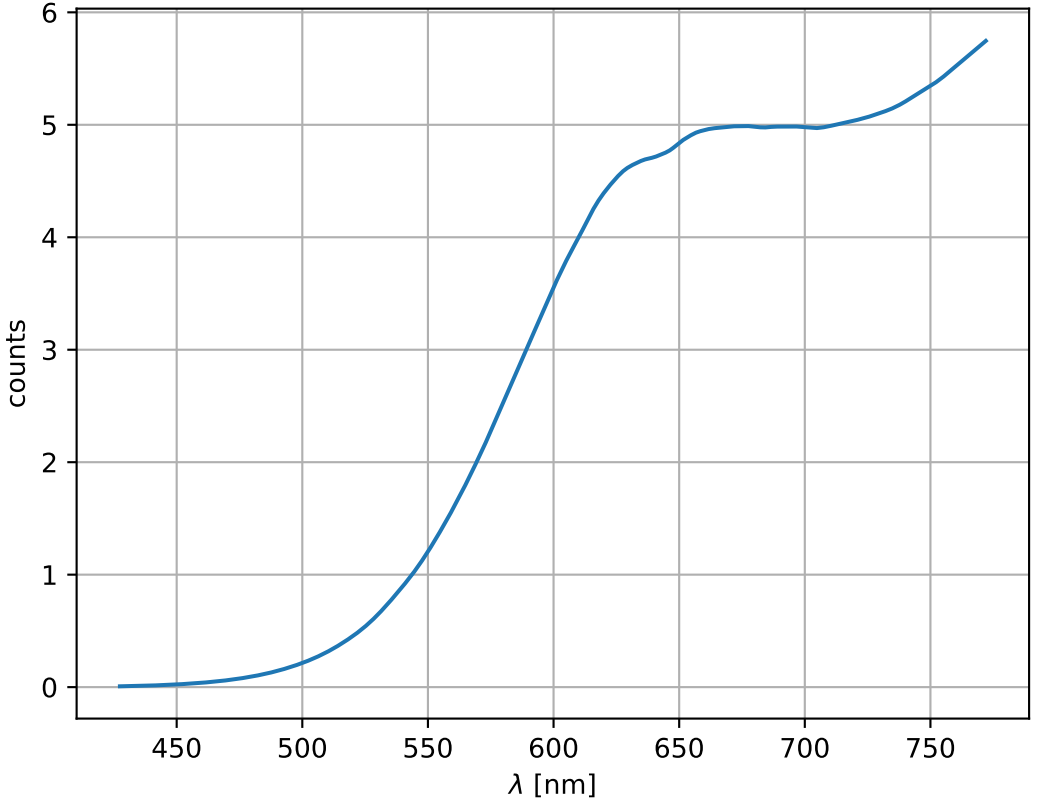

corrected data
600
500
400
300
200
100
counts
400
450
500
550
600
650
700
λ [nm]

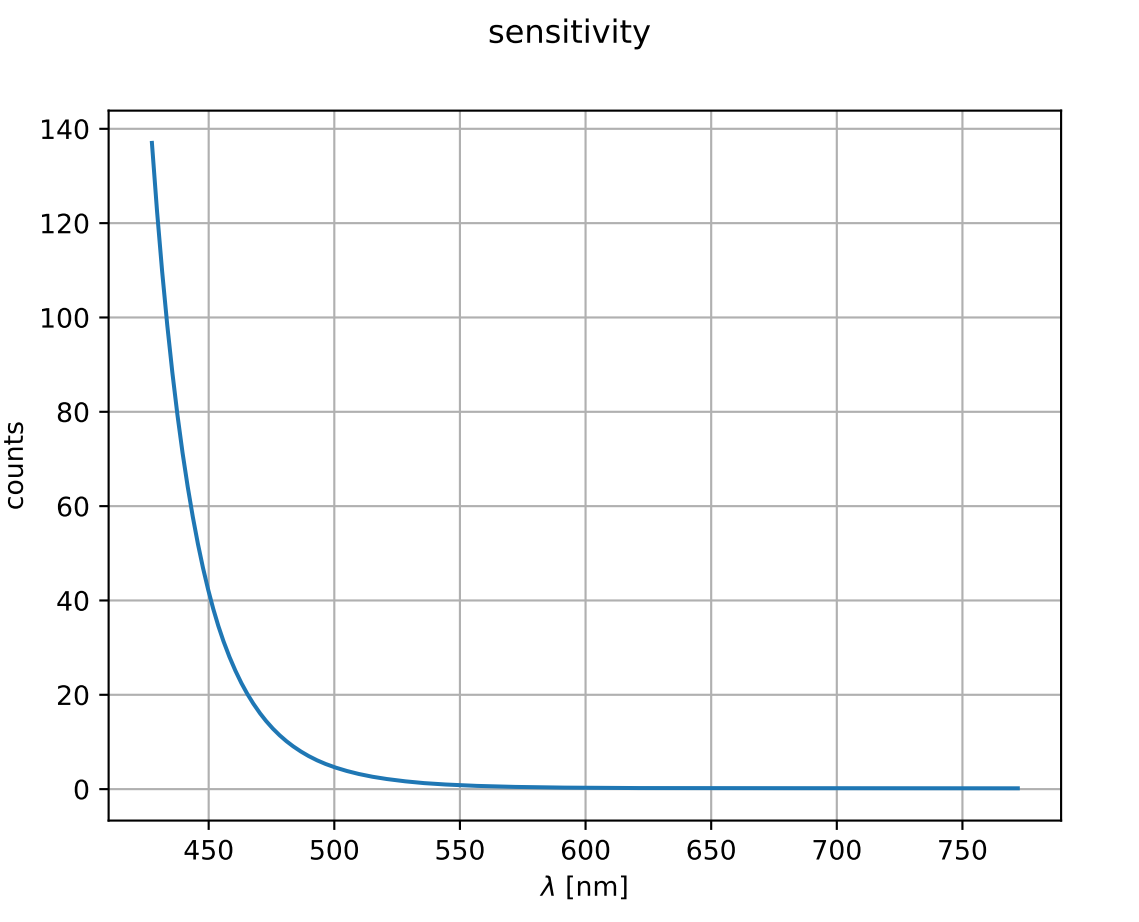

correction factor
counts
λ [nm]
0
1
2
3
4
5
6
400
450
500
550
600
650
700

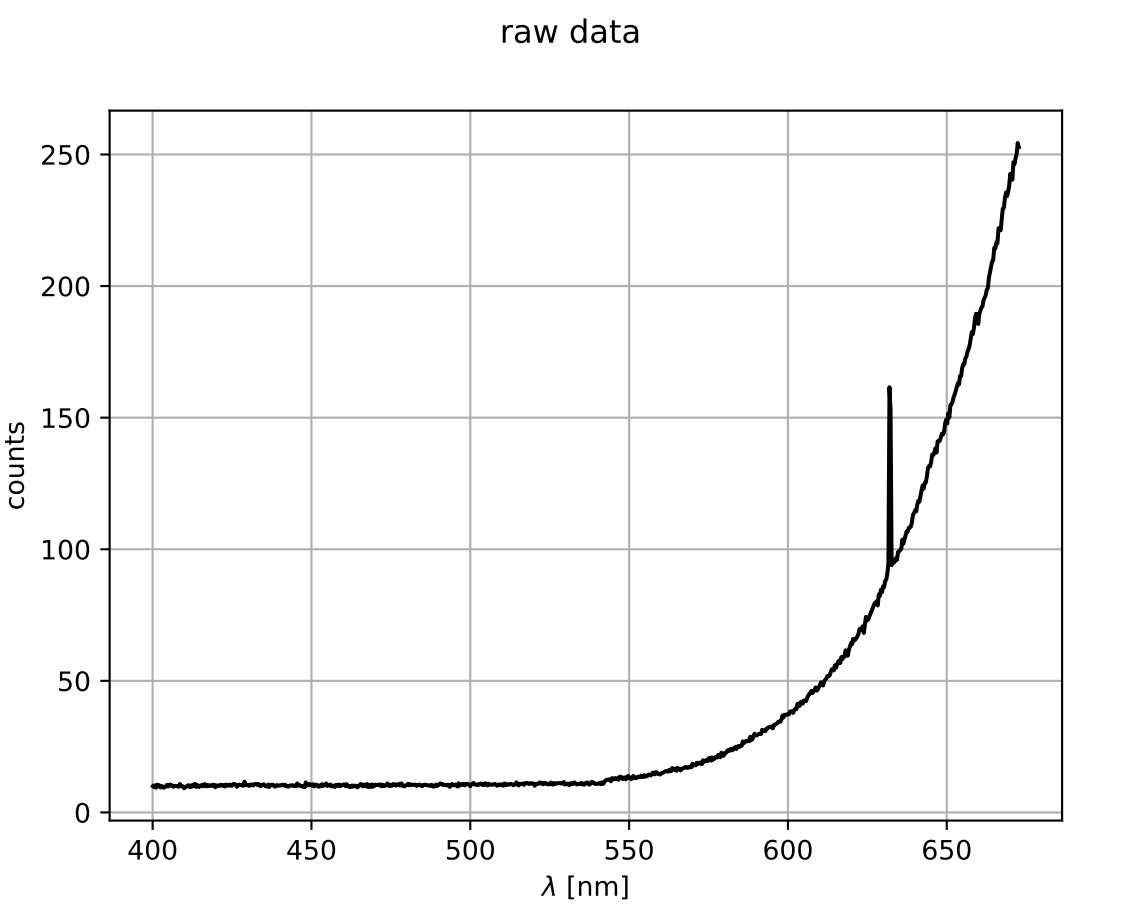

sensitivity
counts
350
300
250
200
150
100
50
0
400
450
500
550
600
650
700
λ [nm]

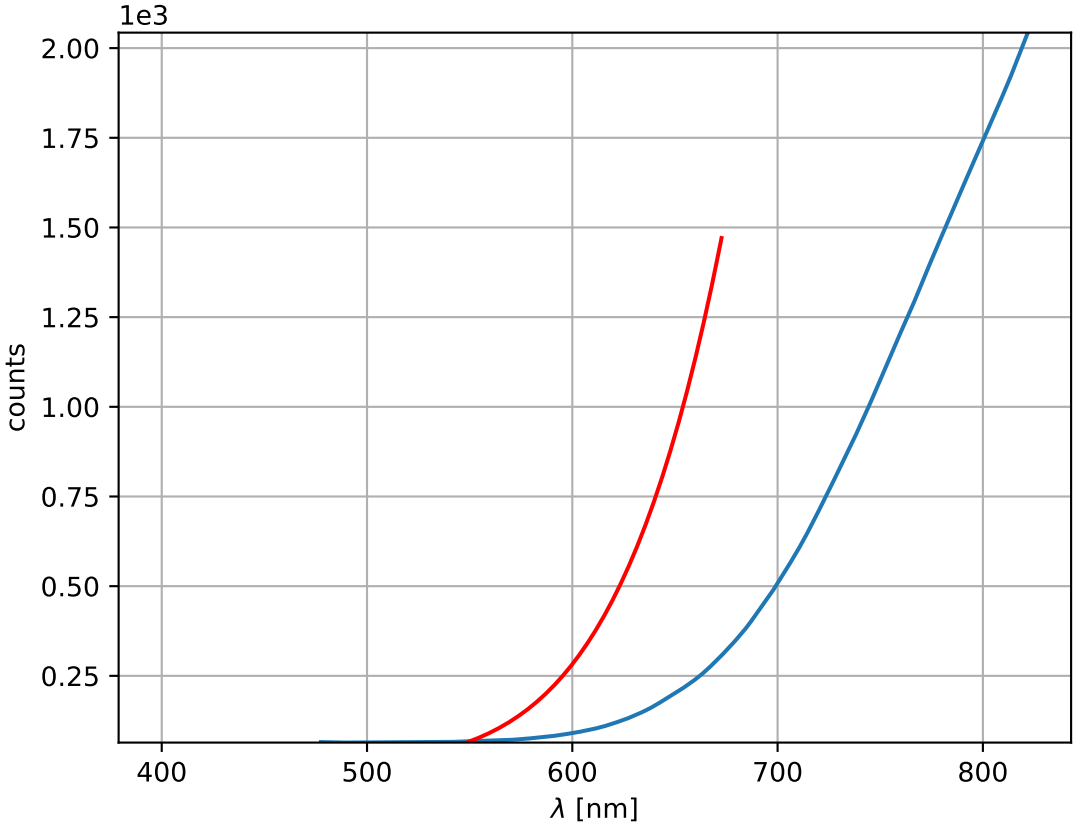

raw data
counts
λ [nm]
0
10
20
30
40
50
60
400
450
500
550
600

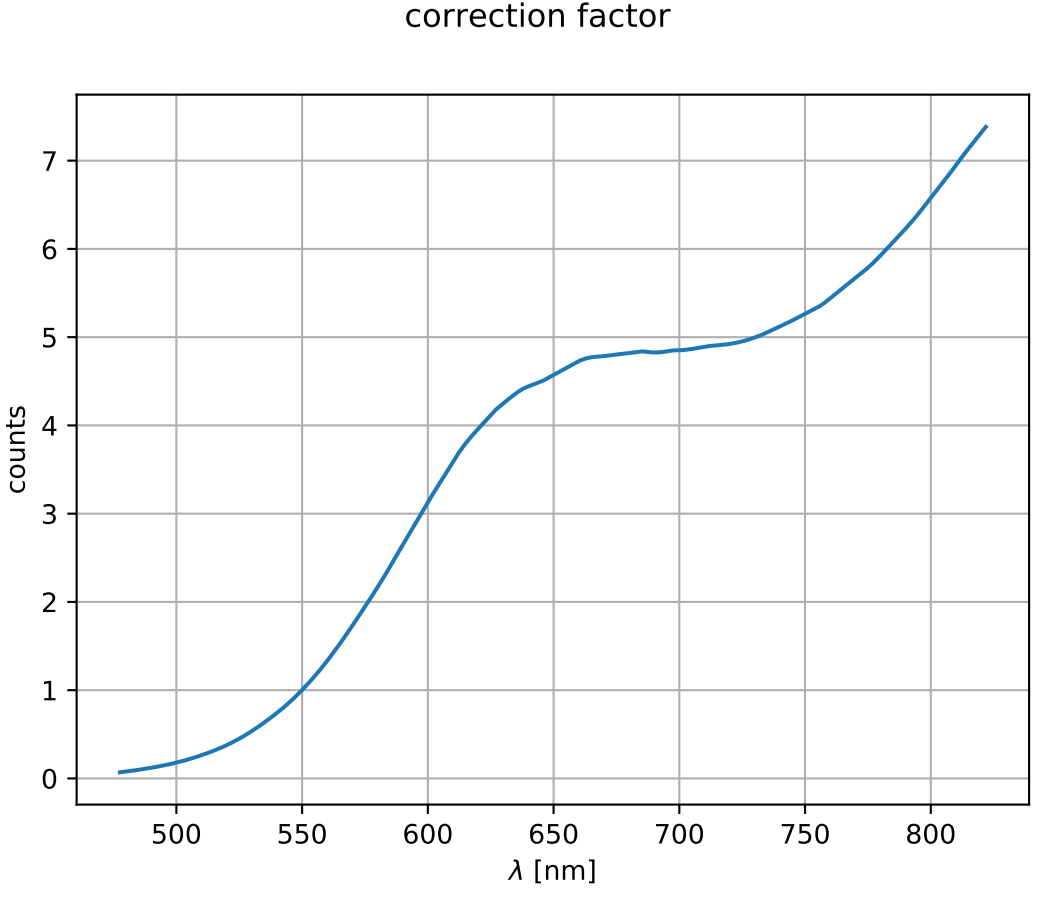

corrected data
1e3
1.2
1.0
0.8
0.6
0.4
0.2
counts
400
450
500
550
600
650
700
750
λ [nm]

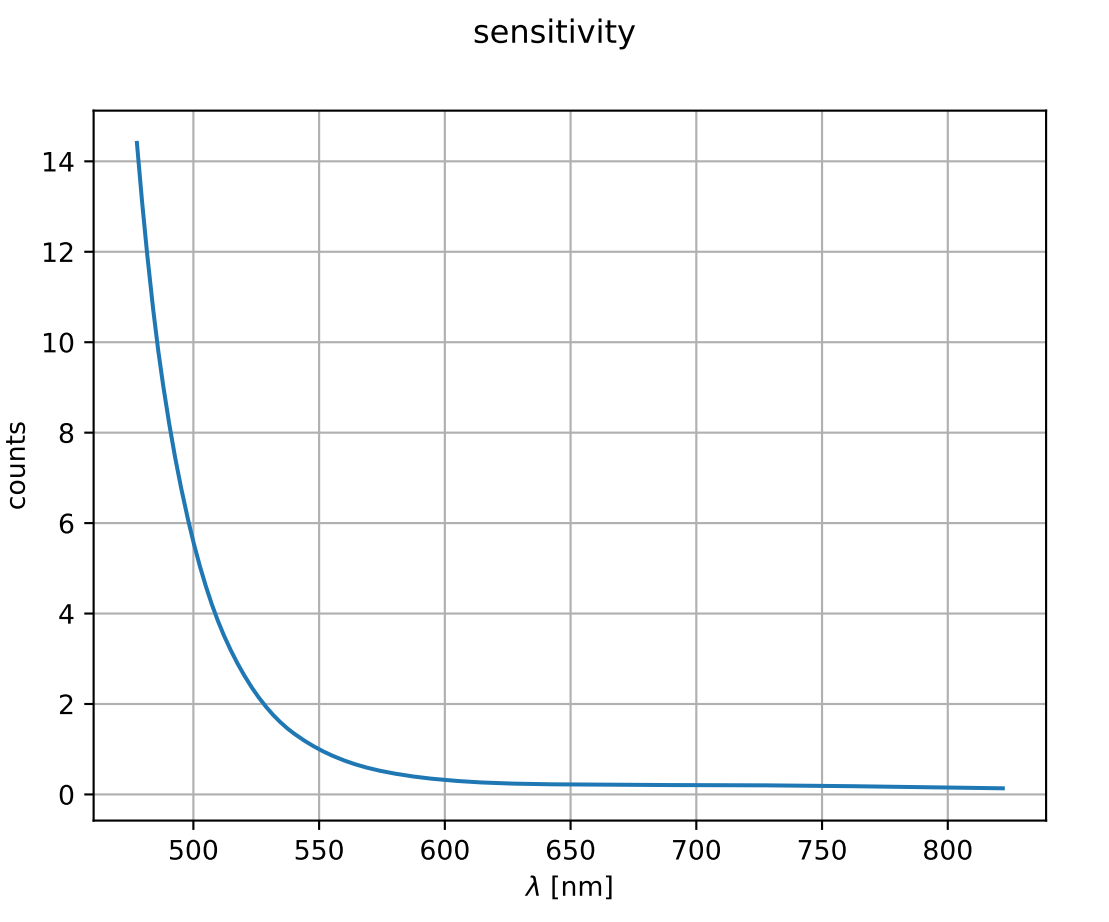

correction factor
counts
λ [nm]
0
1
2
3
4
5
6
450
500
550
600
650
700
750

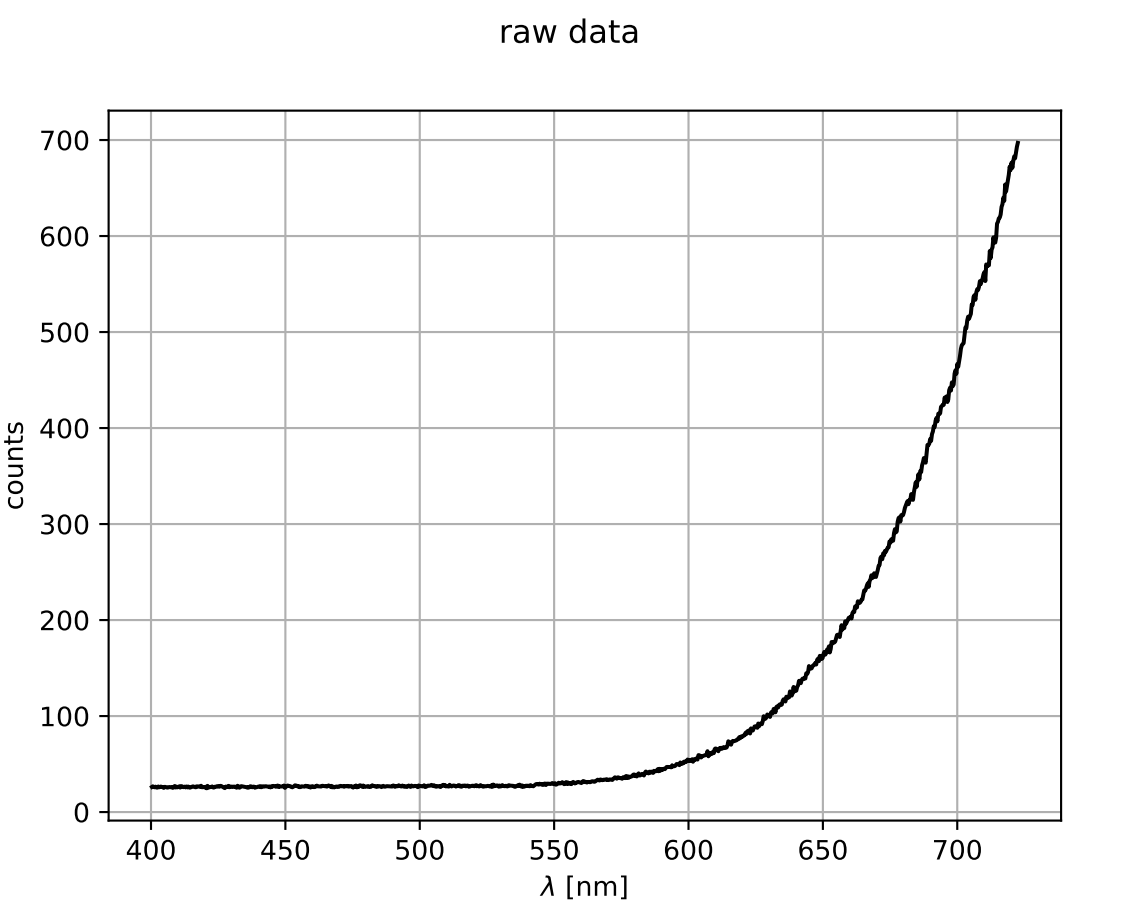

sensitivity
counts
140
120
100
80
60
40
20
0
450
500
550
600
650
700
750
λ [nm]

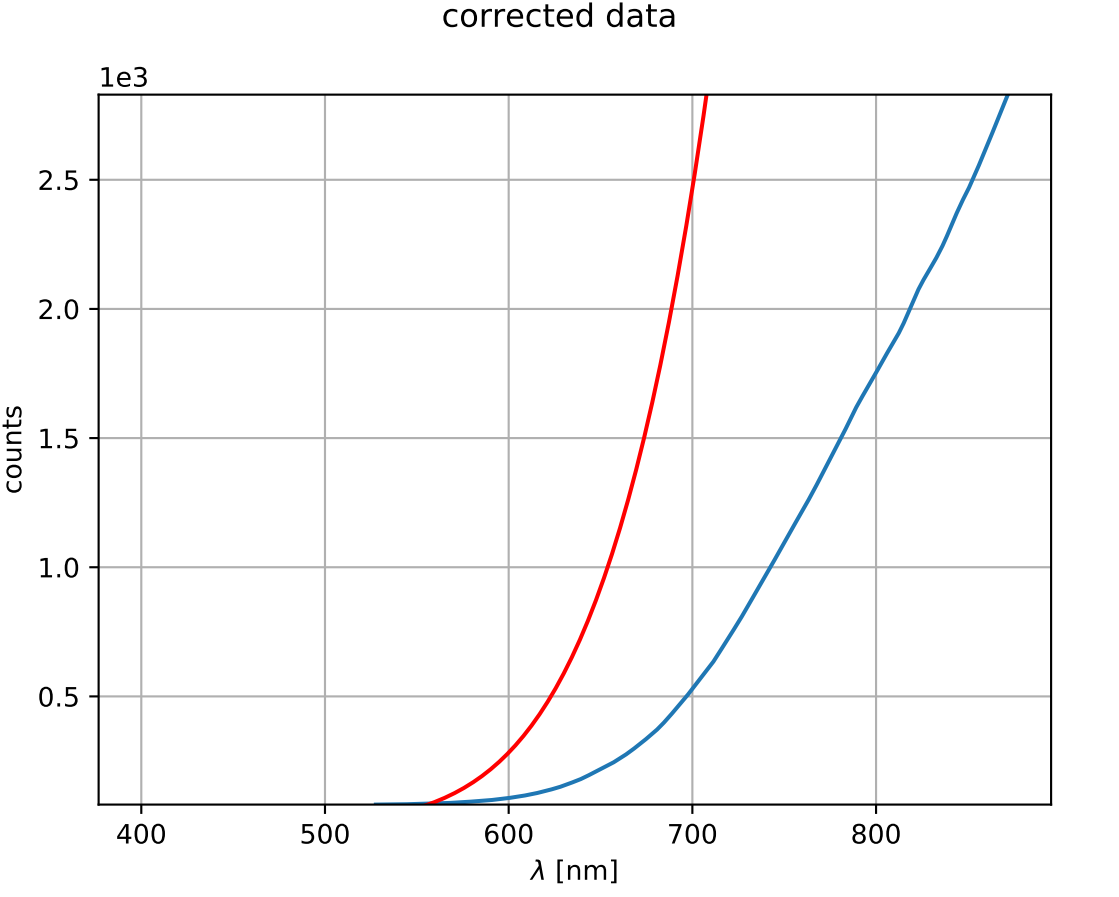

raw data
counts
0
50
100
150
200
250
400
450
500
550
600
650
λ [nm]

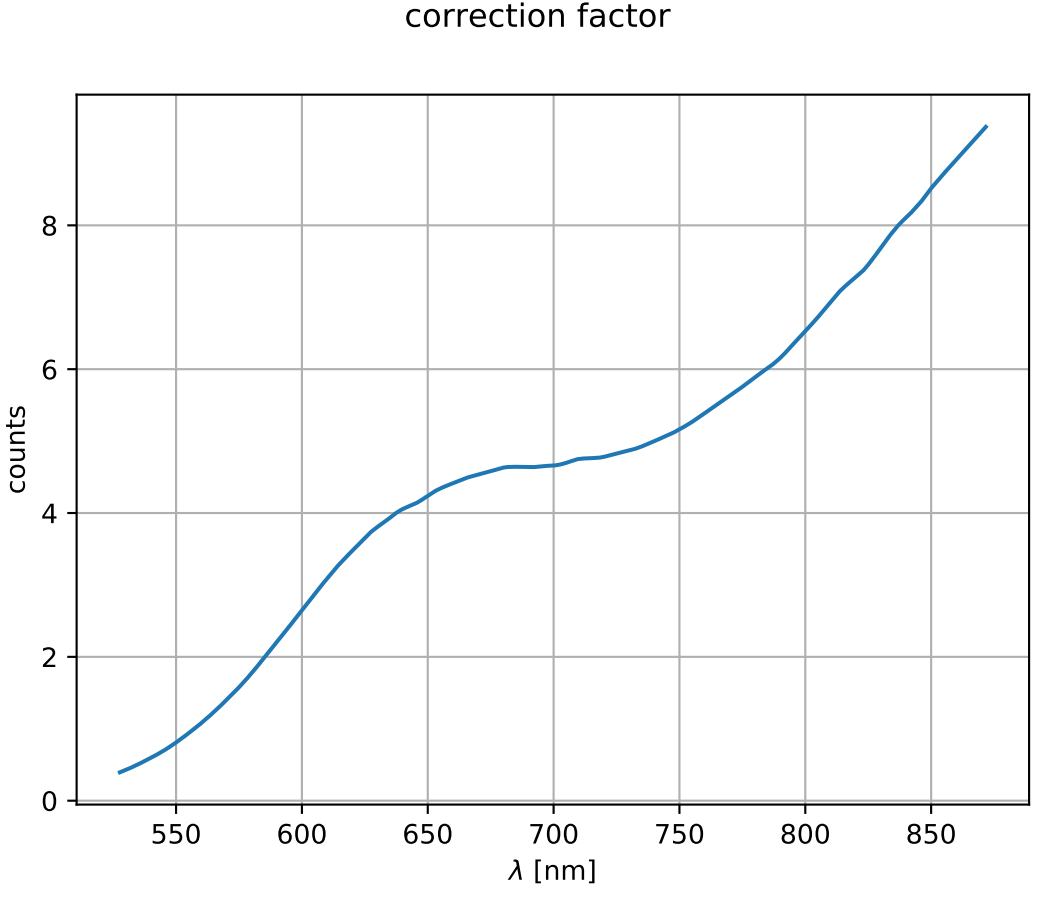

corrected data
1e3
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
counts
400
500
600
700
800
λ [nm]

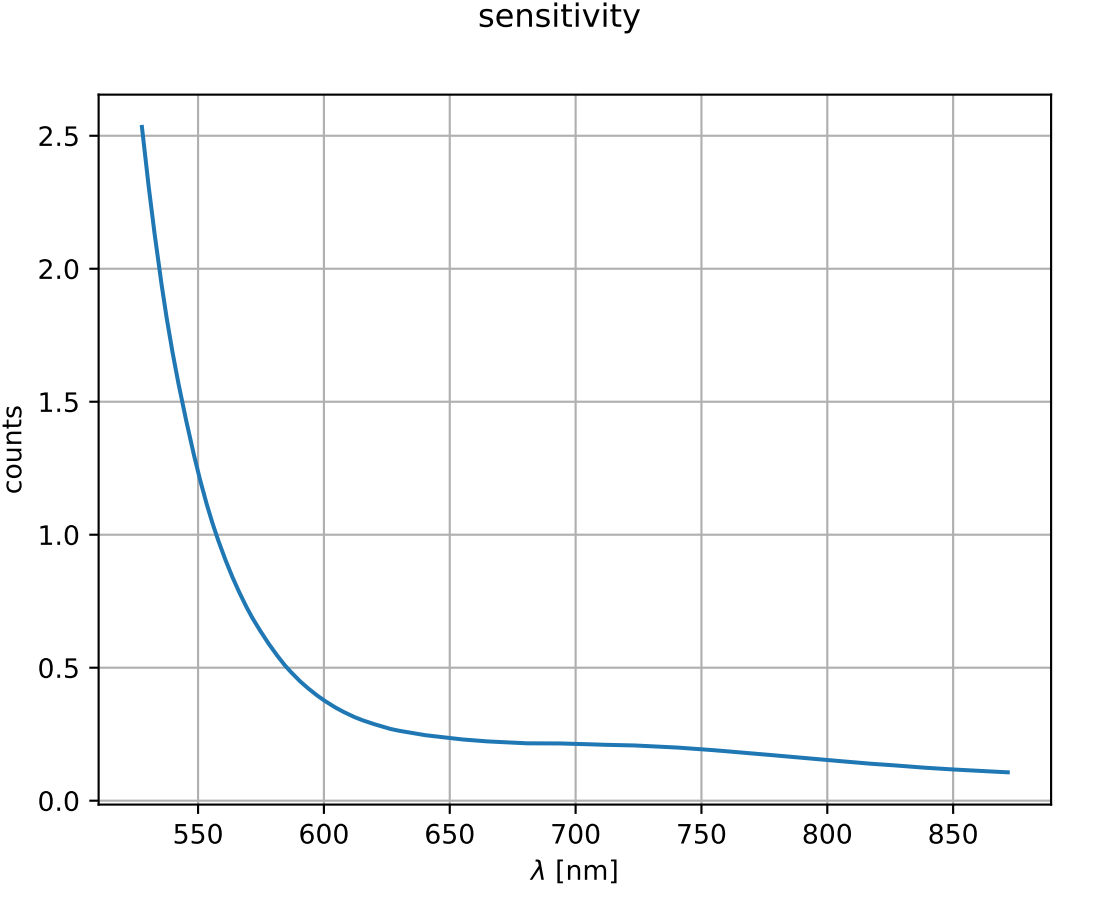

correction factor
counts
0
1
2
3
4
5
6
7
500
550
600
650
700
750
800
λ [nm]

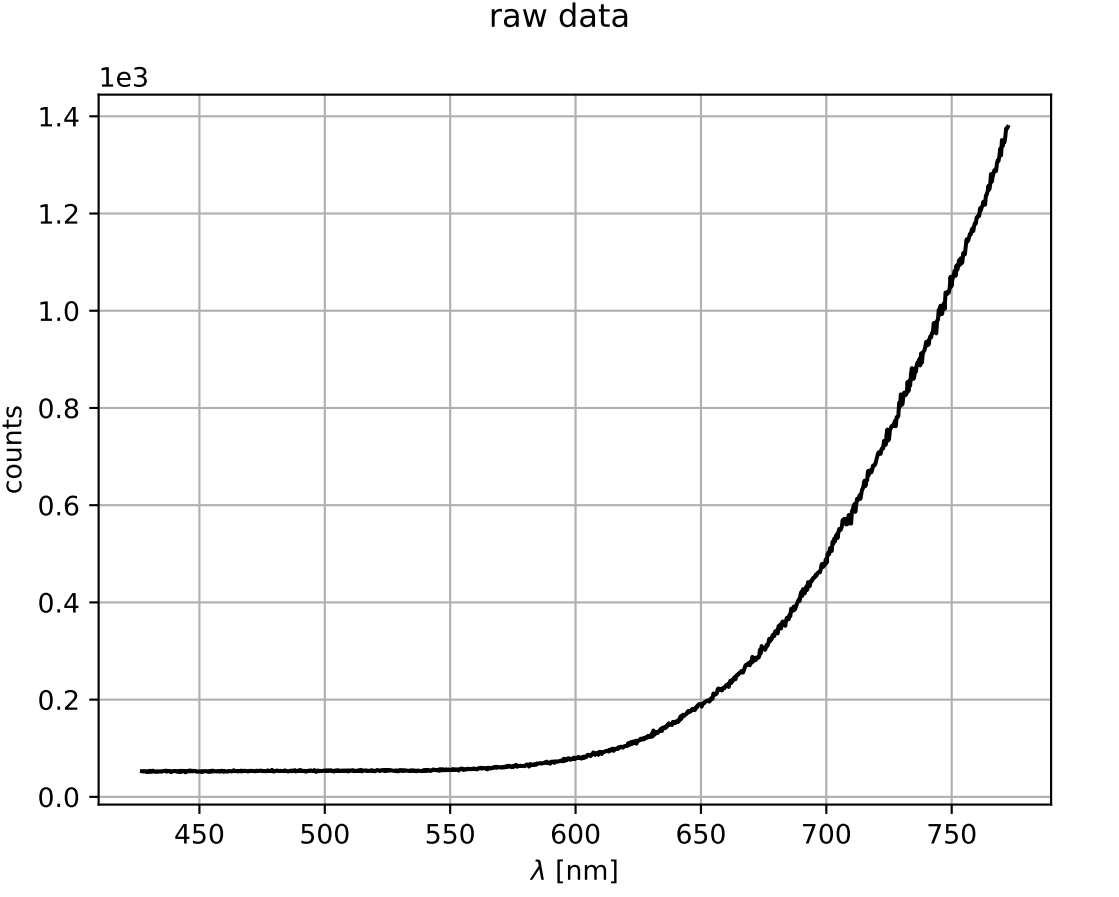

sensitivity
14
12
10
8
6
4
2
0
counts
500
550
600
650
700
750
800
λ [nm]

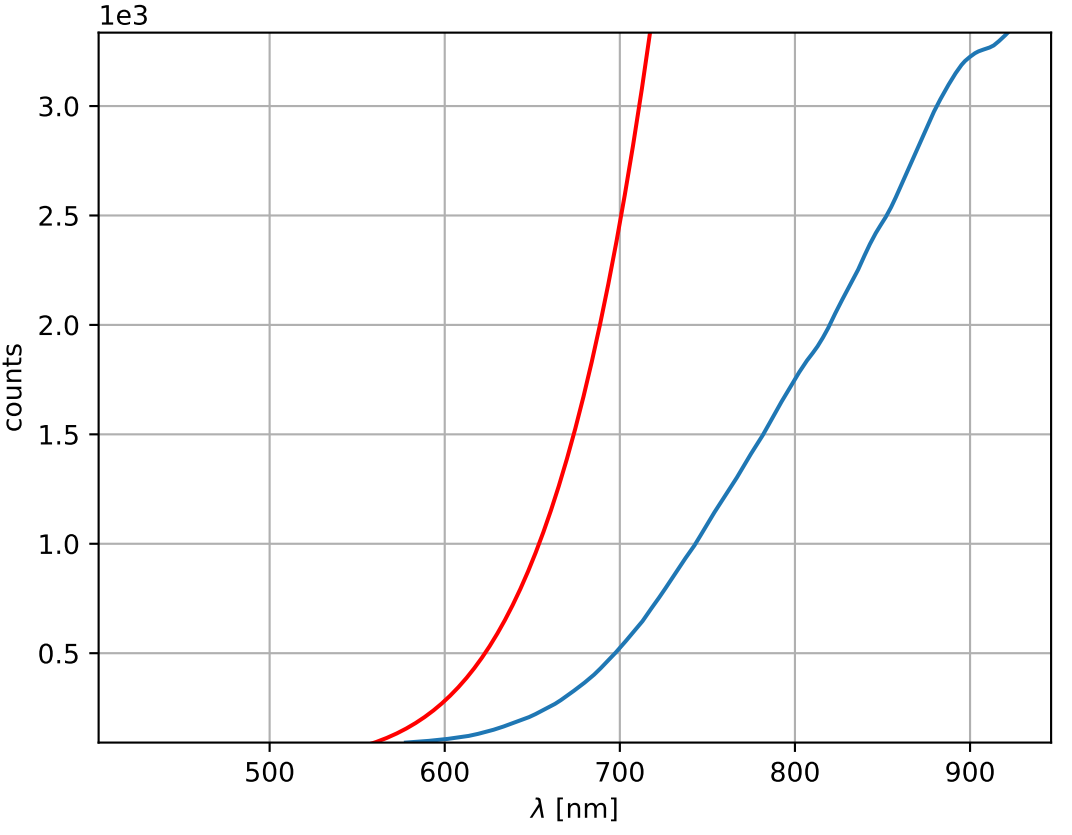

raw data
counts
λ [nm]
0
100
200
300
400
500
600
700
400
450
500
550
600
650
700

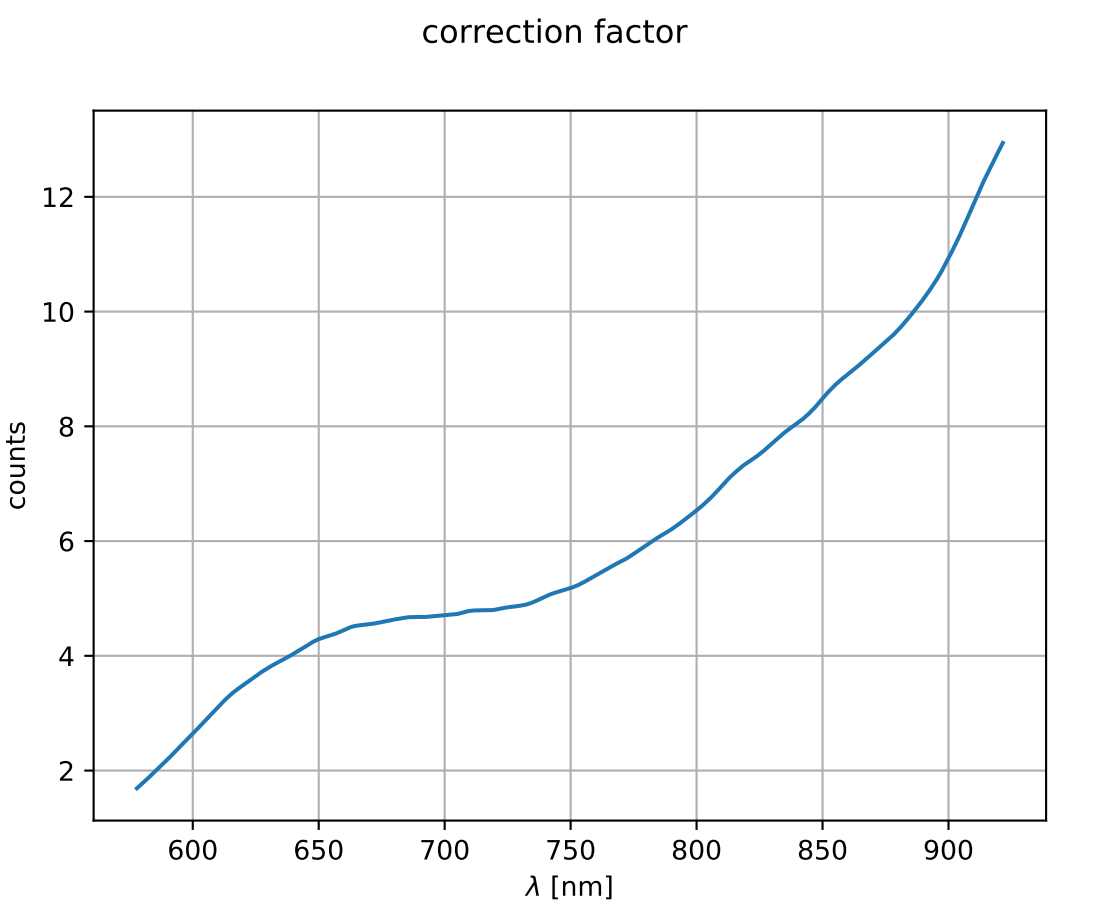

corrected data
1e3
2.5
2.0
1.5
1.0
0.5
counts
400
500
600
700
800
λ [nm]

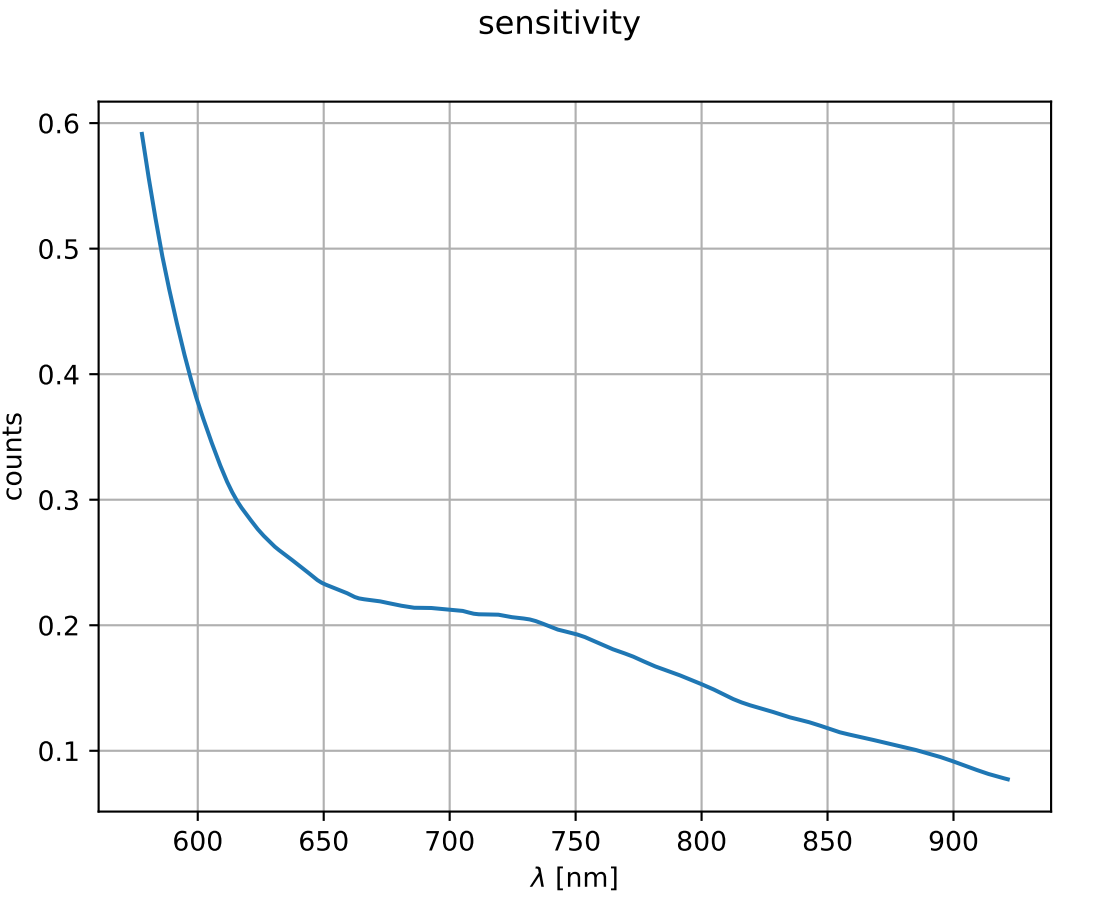

correction factor
counts
0
2
4
6
8
550
600
650
700
750
800
850
λ [nm]

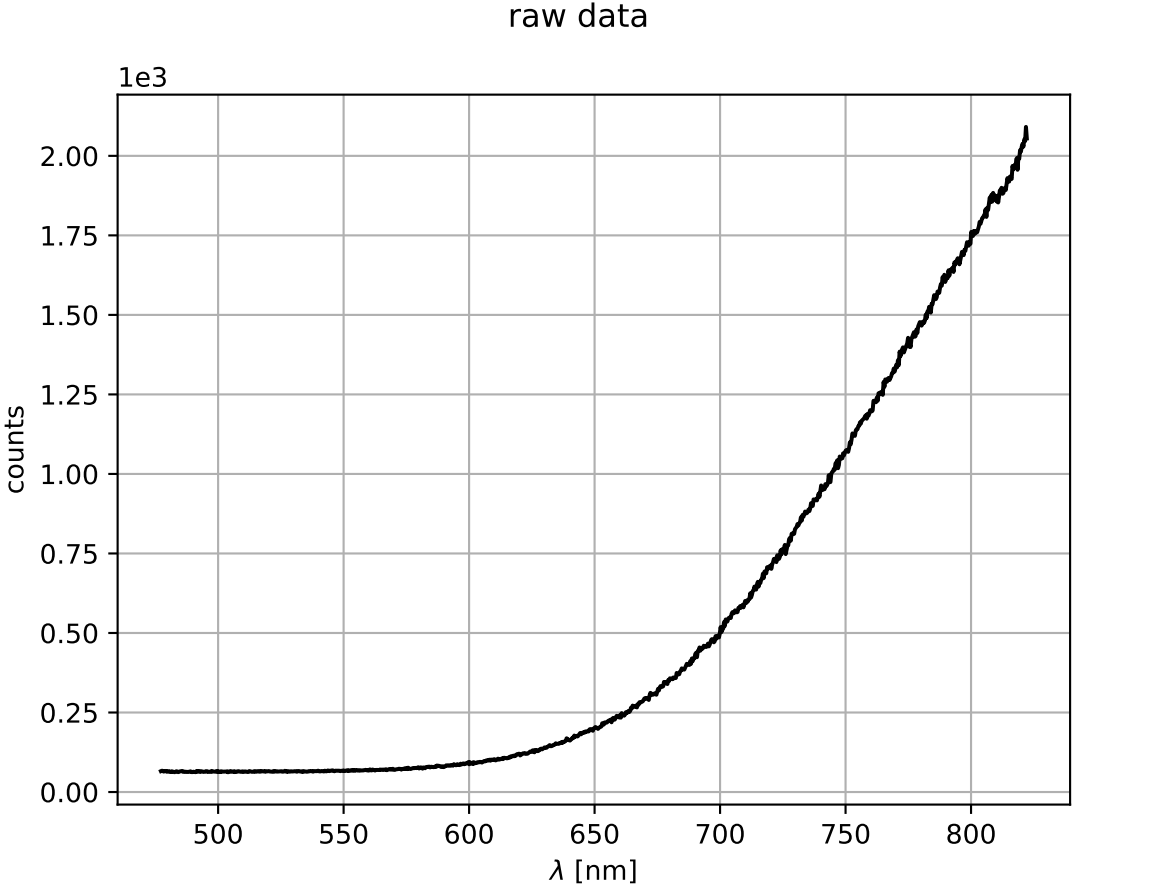

sensitivity
counts
2.5
2.0
1.5
1.0
0.5
0.0
550
600
650
700
750
800
850
λ [nm]

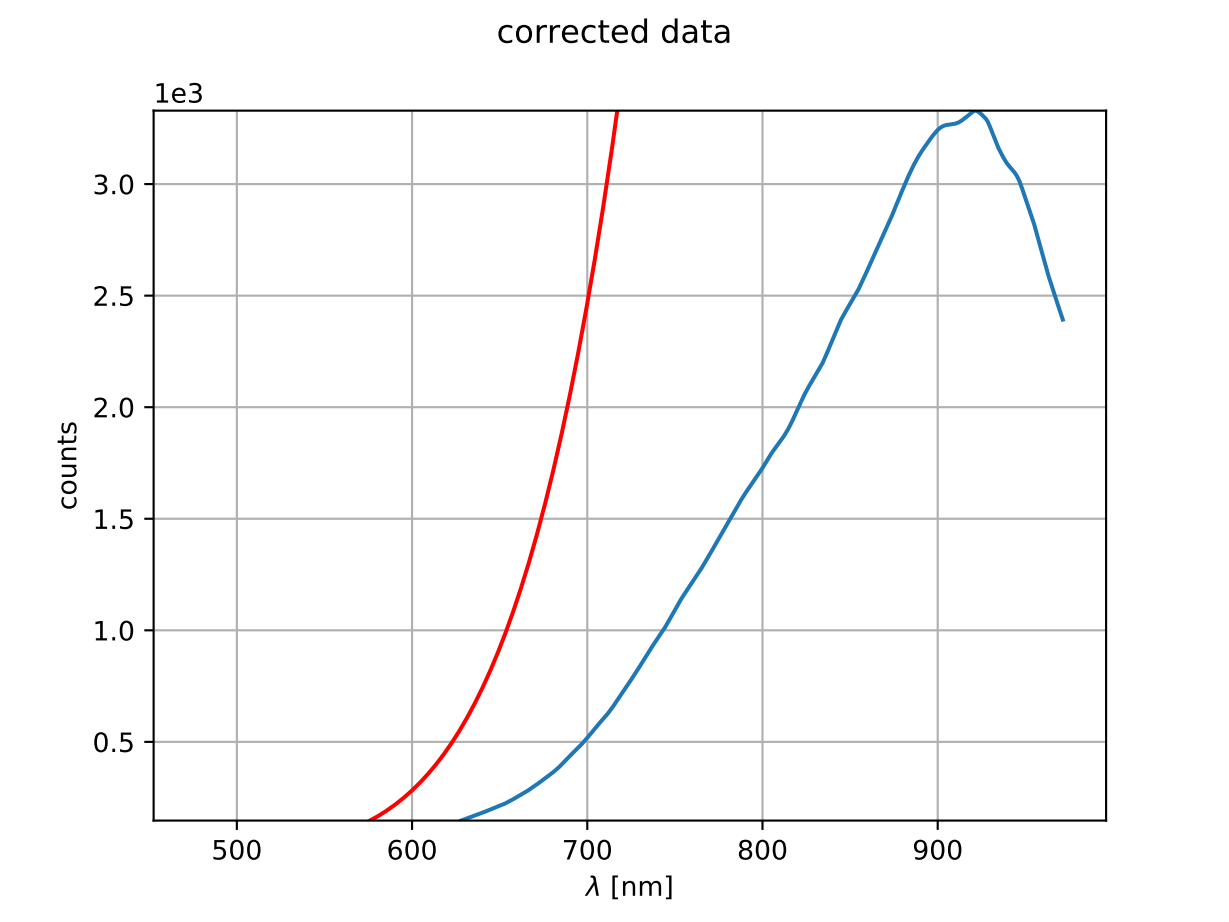

raw data
1e3
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
counts
450
500
550
600
650
700
750
λ [nm]

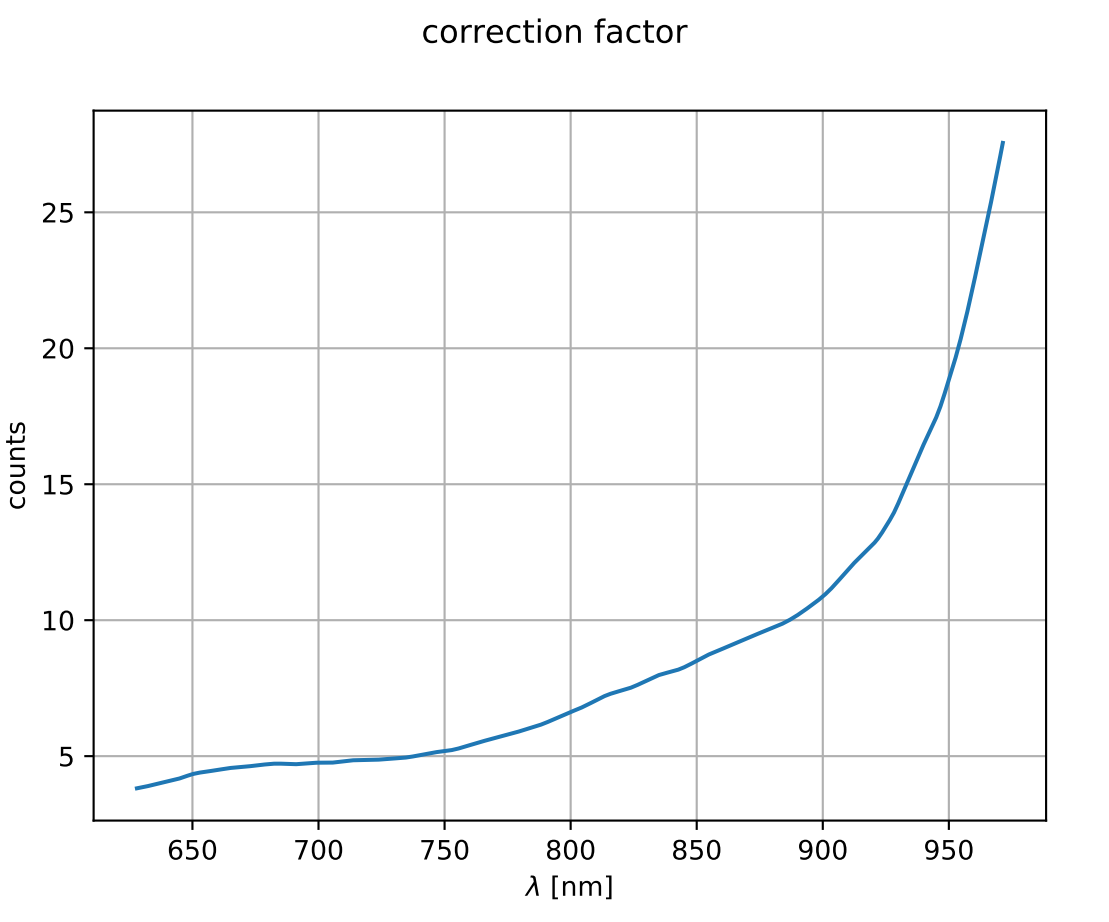

corrected data
1e3
3.0
2.5
2.0
1.5
1.0
0.5
counts
500
600
700
800
900
λ [nm]

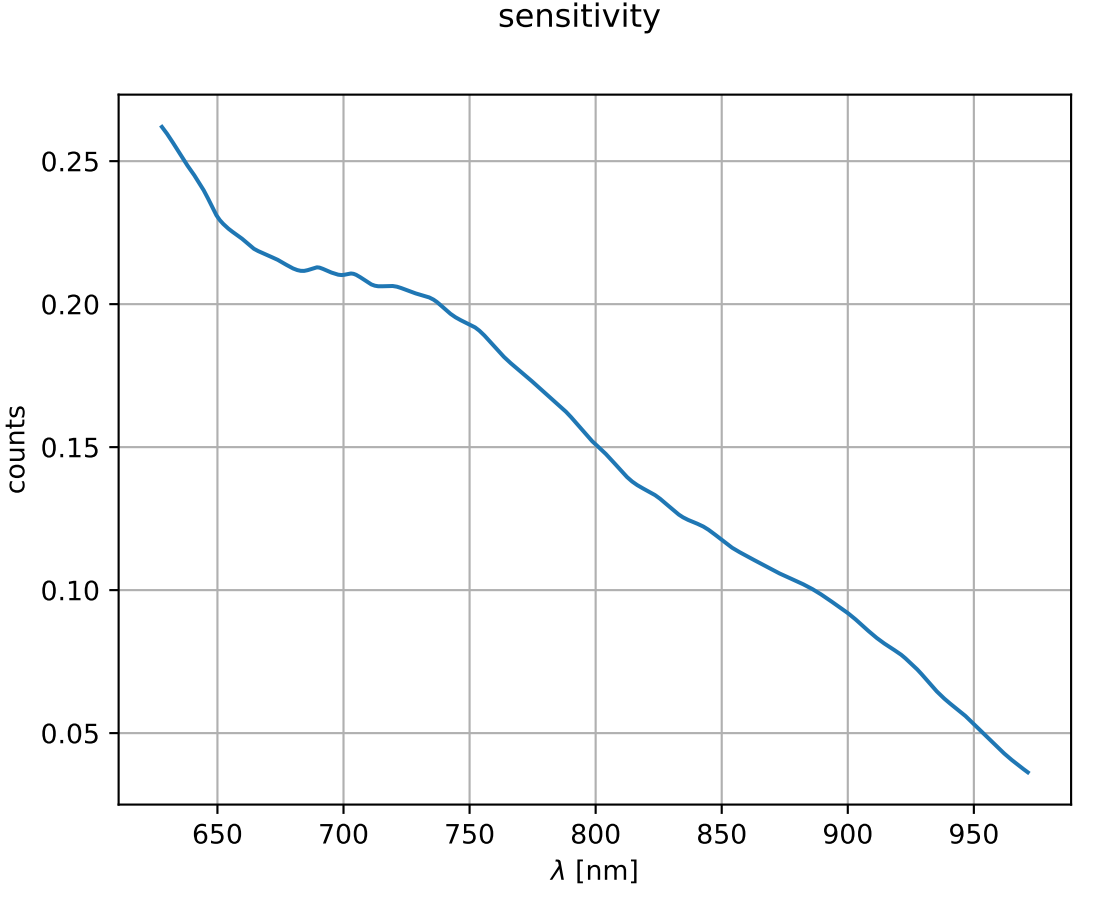

correction factor
counts
2
4
6
8
10
12
600
650
700
750
800
850
900
λ [nm]

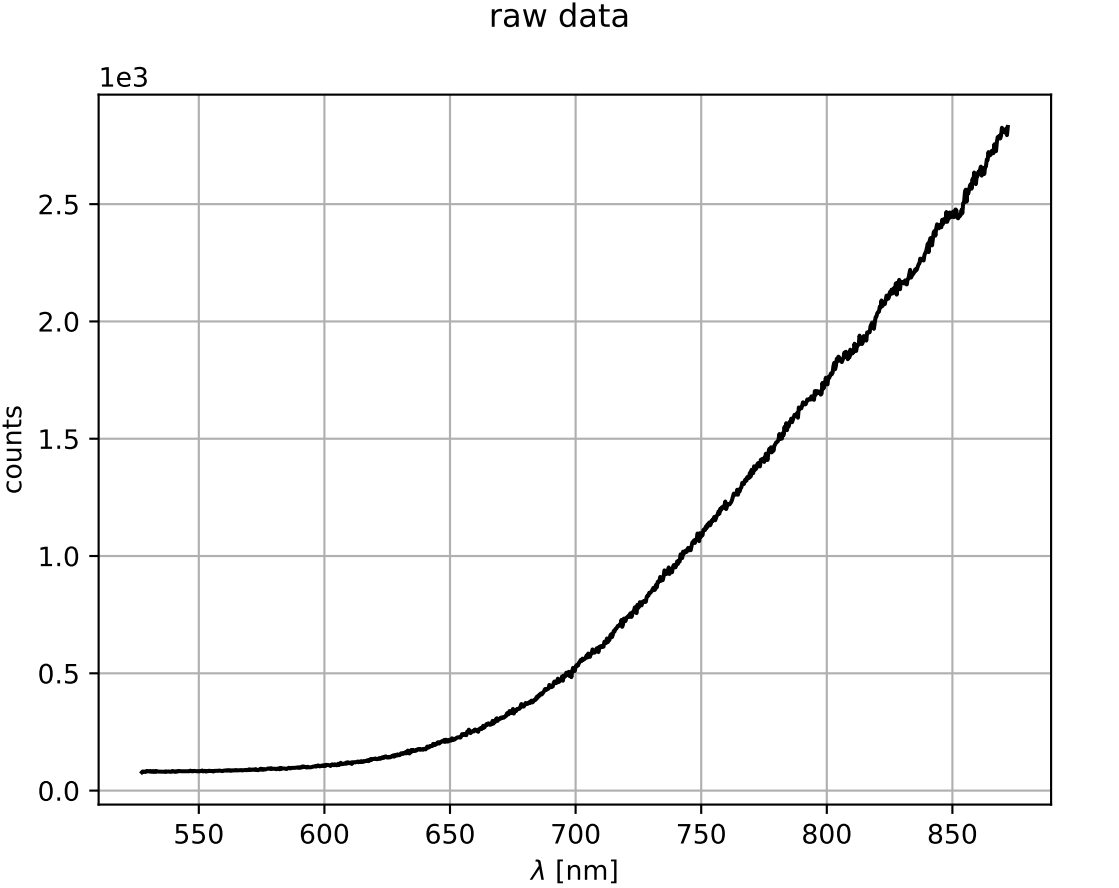

sensitivity
counts
0.6
0.5
0.4
0.3
0.2
0.1
600
650
700
750
800
850
900
λ [nm]

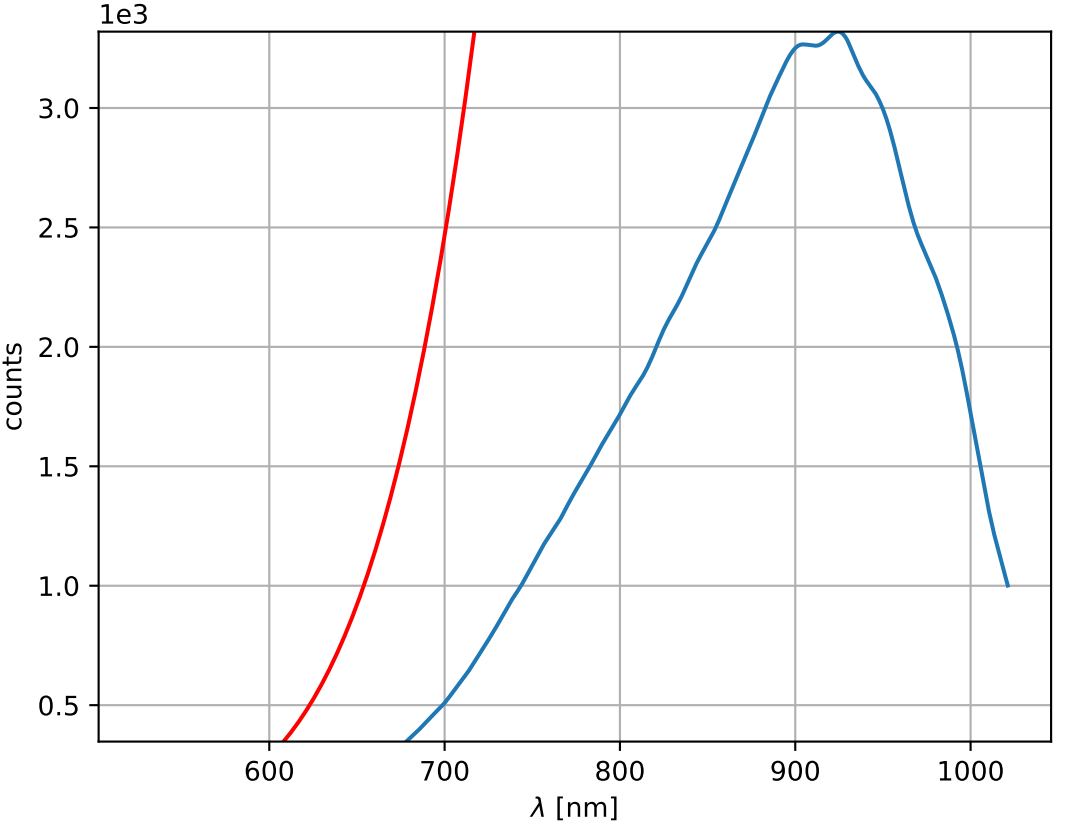

raw data
1e3
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
counts
500
550
600
650
700
750
800
λ [nm]

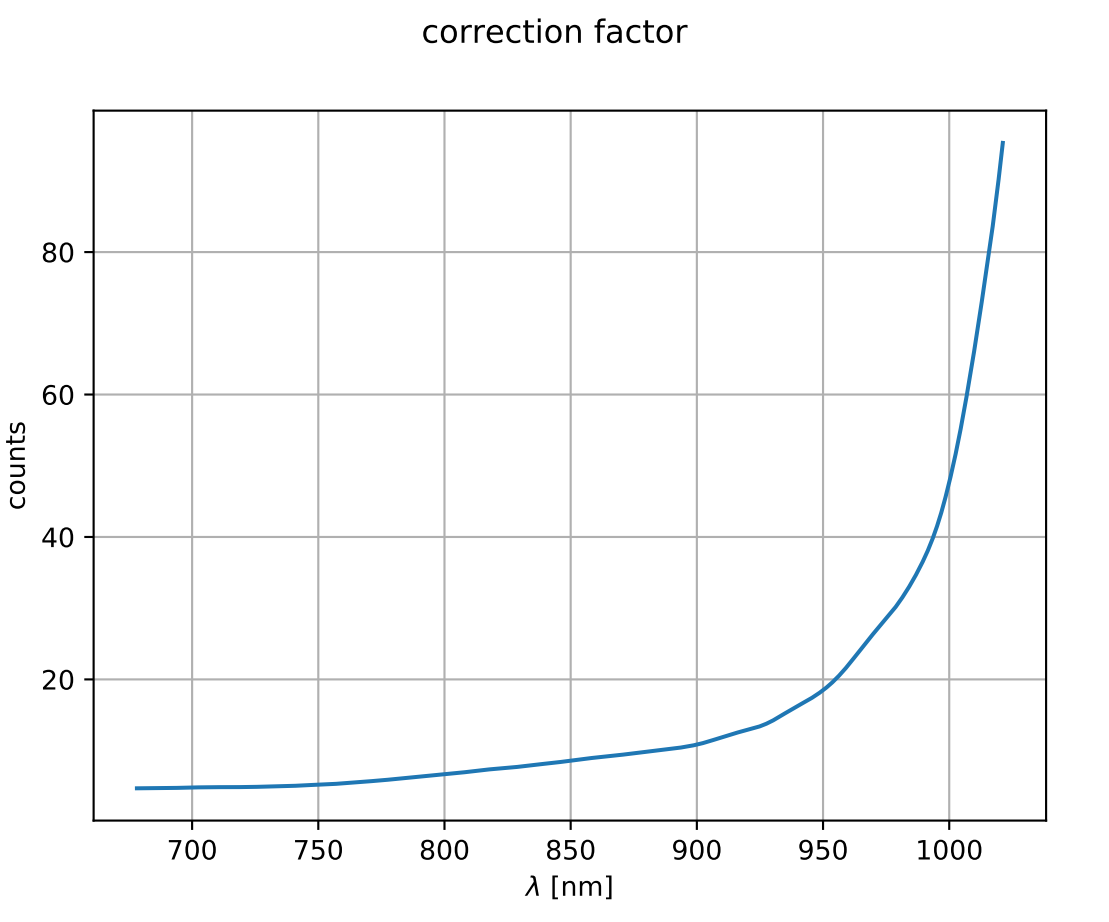

corrected data
1e3
3.0
2.5
2.0
1.5
1.0
0.5
counts
500
600
700
800
900
λ [nm]

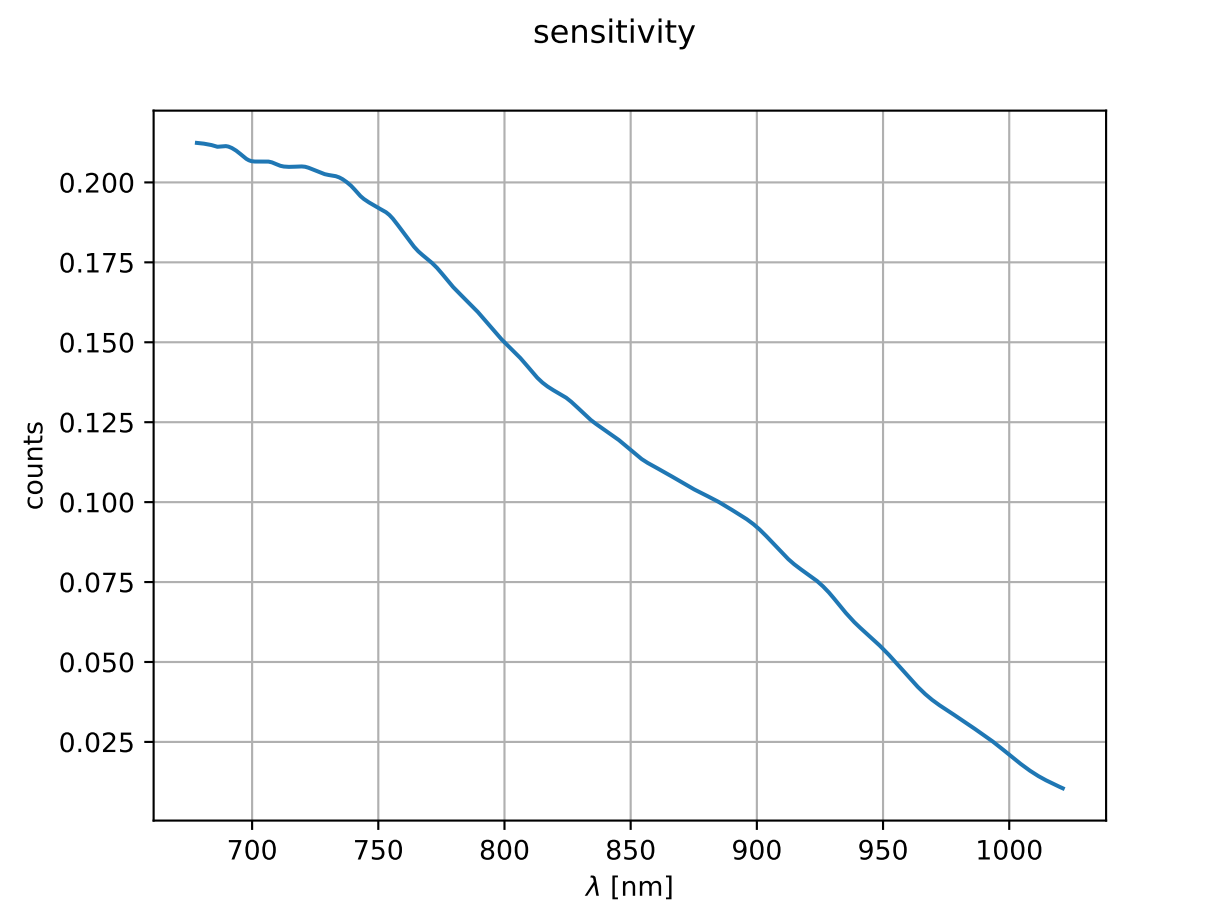

correction factor
counts
25
20
15
10
5
650
700
750
800
850
900
950
λ [nm]

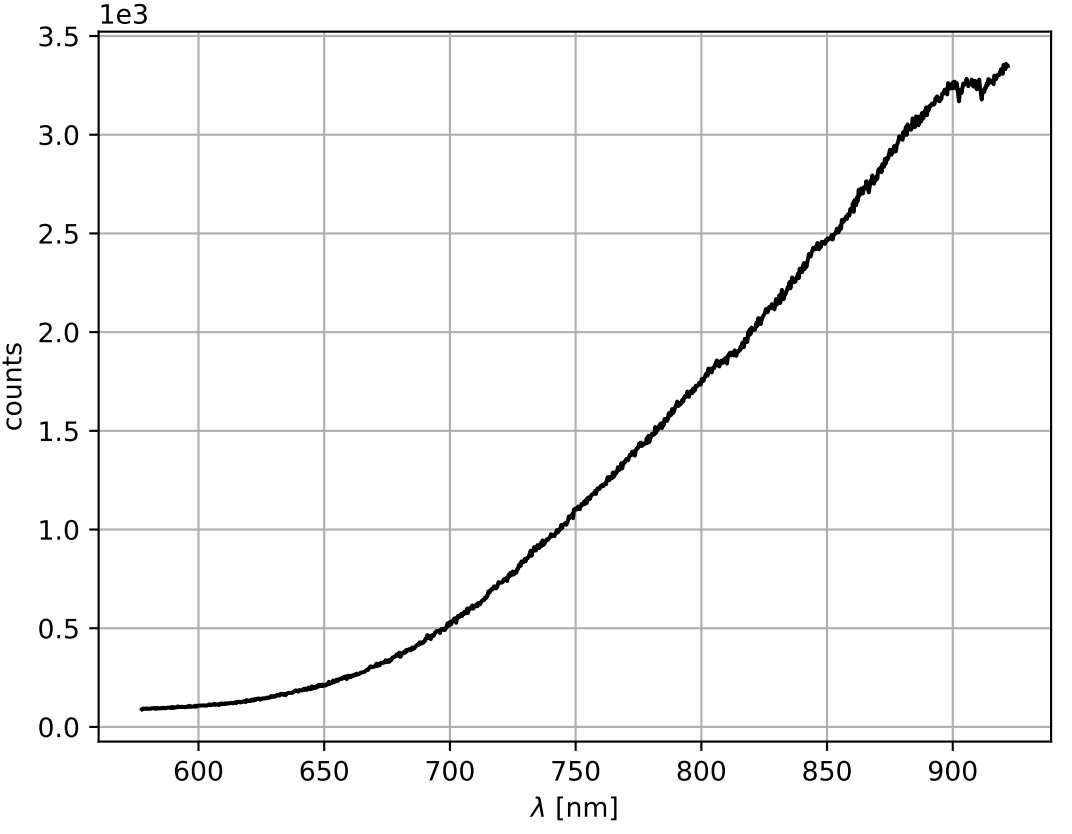

sensitivity
0.25
0.20
0.15
0.10
0.05
counts
650
700
750
800
850
900
950
λ [nm]

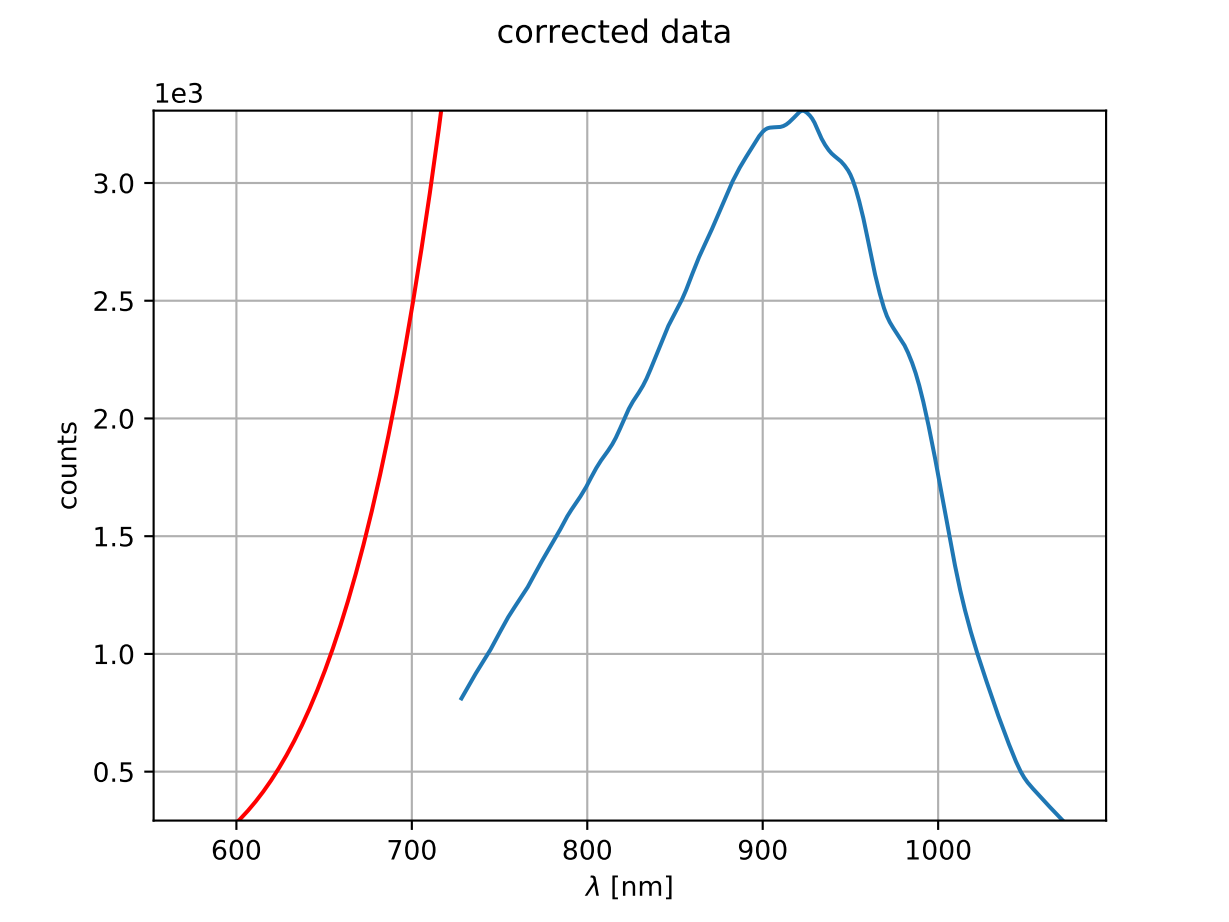

raw data
1e3
2.5
2.0
1.5
1.0
0.5
0.0
counts
550
600
650
700
750
800
850
λ [nm]

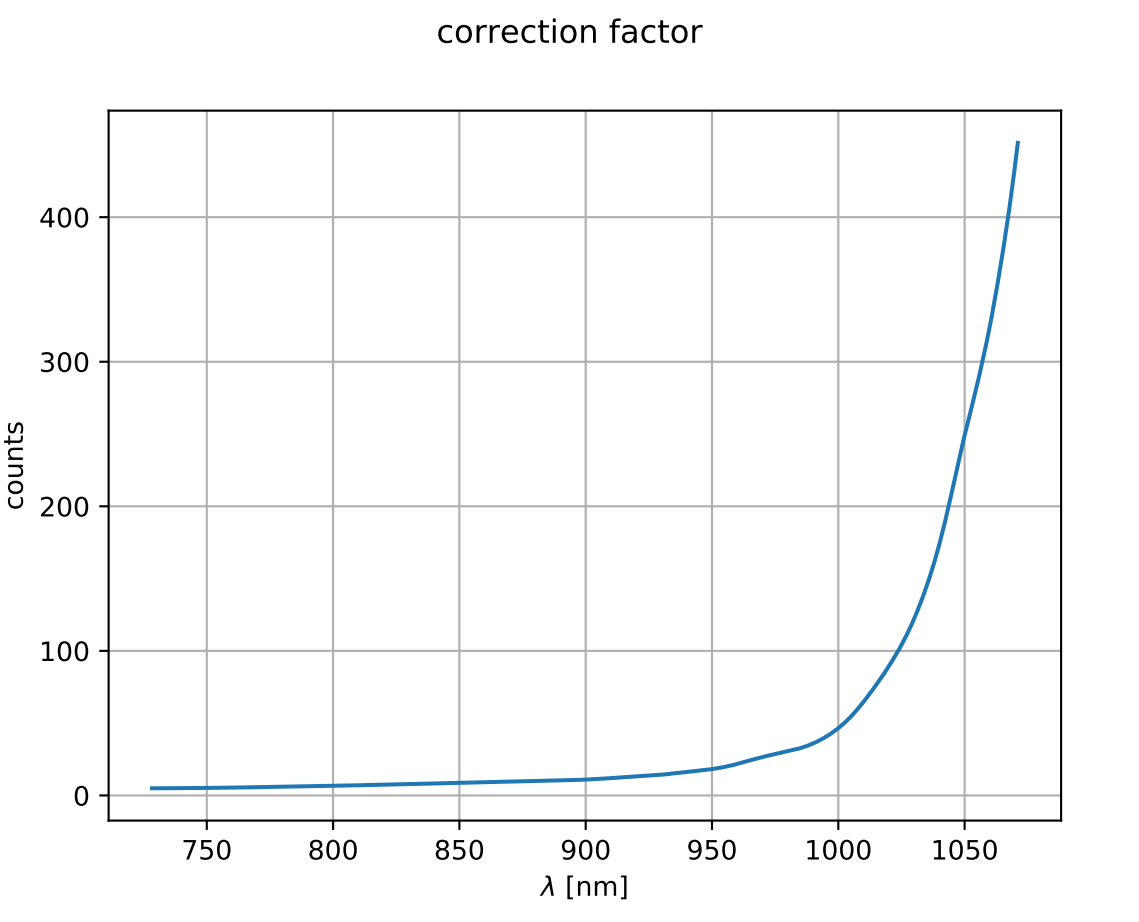

corrected data
1e3
3.0
2.5
2.0
1.5
1.0
0.5
counts
600
700
800
900
1000
λ [nm]

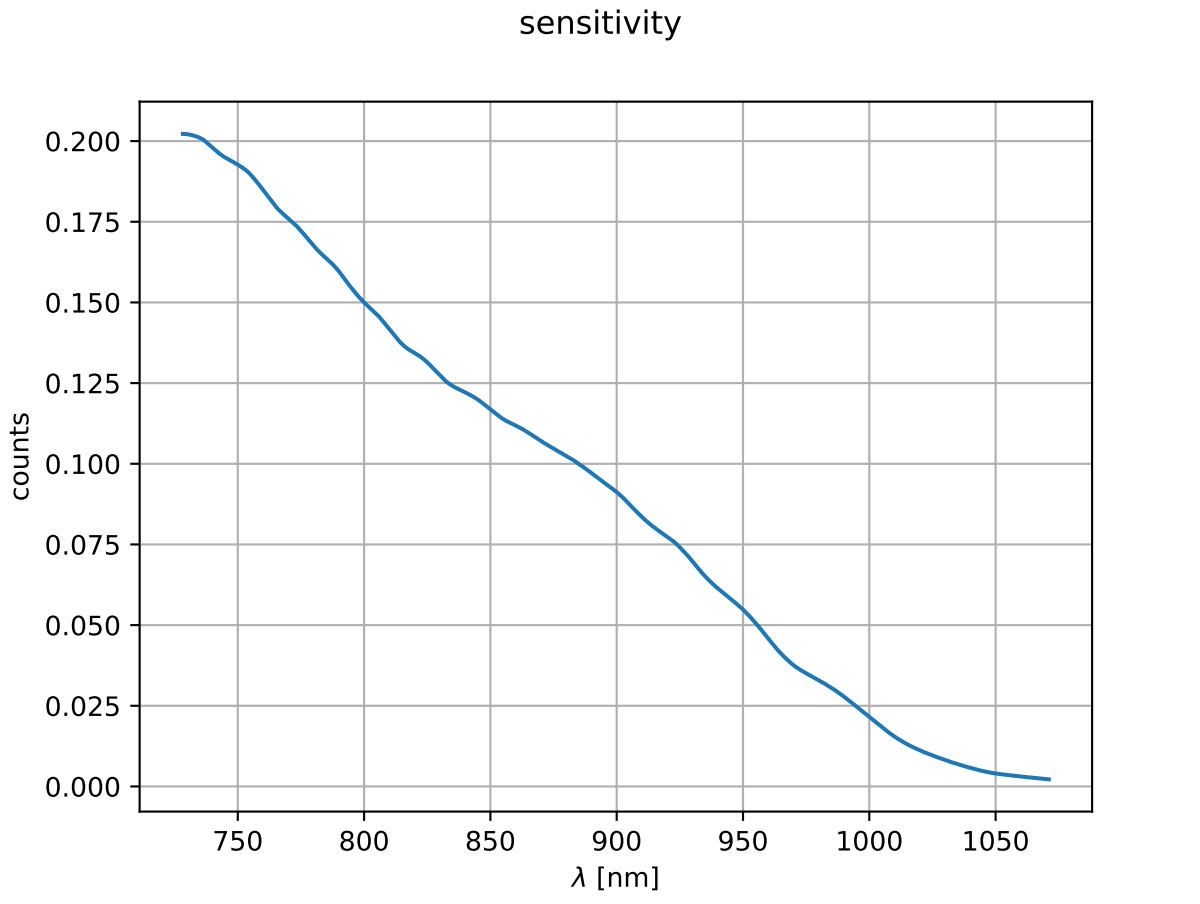

correction factor
counts
20
40
60
80
700
750
800
850
900
950
1000
λ [nm]

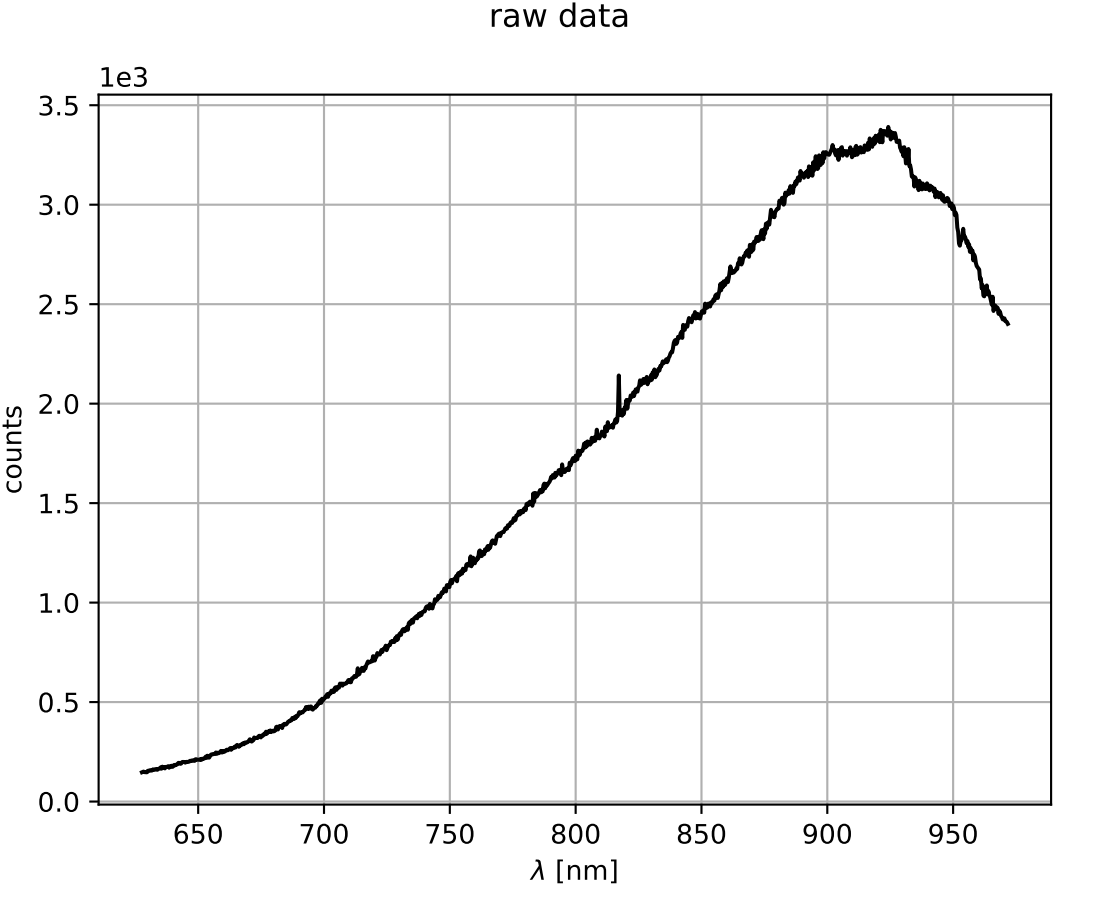

sensitivity
0.200
0.175
0.150
0.125
0.100
0.075
0.050
0.025
counts
700
750
800
850
900
950
1000
λ [nm]

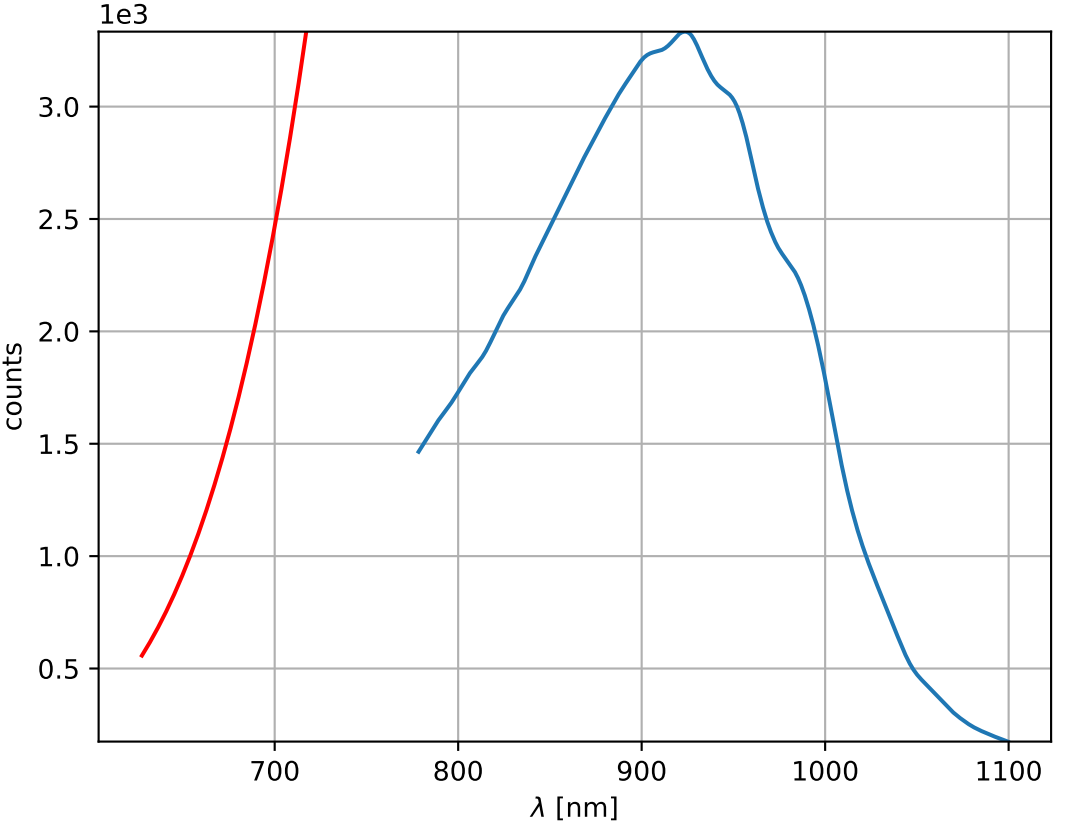

raw data
1e3
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
counts
600
650
700
750
800
850
900
λ [nm]

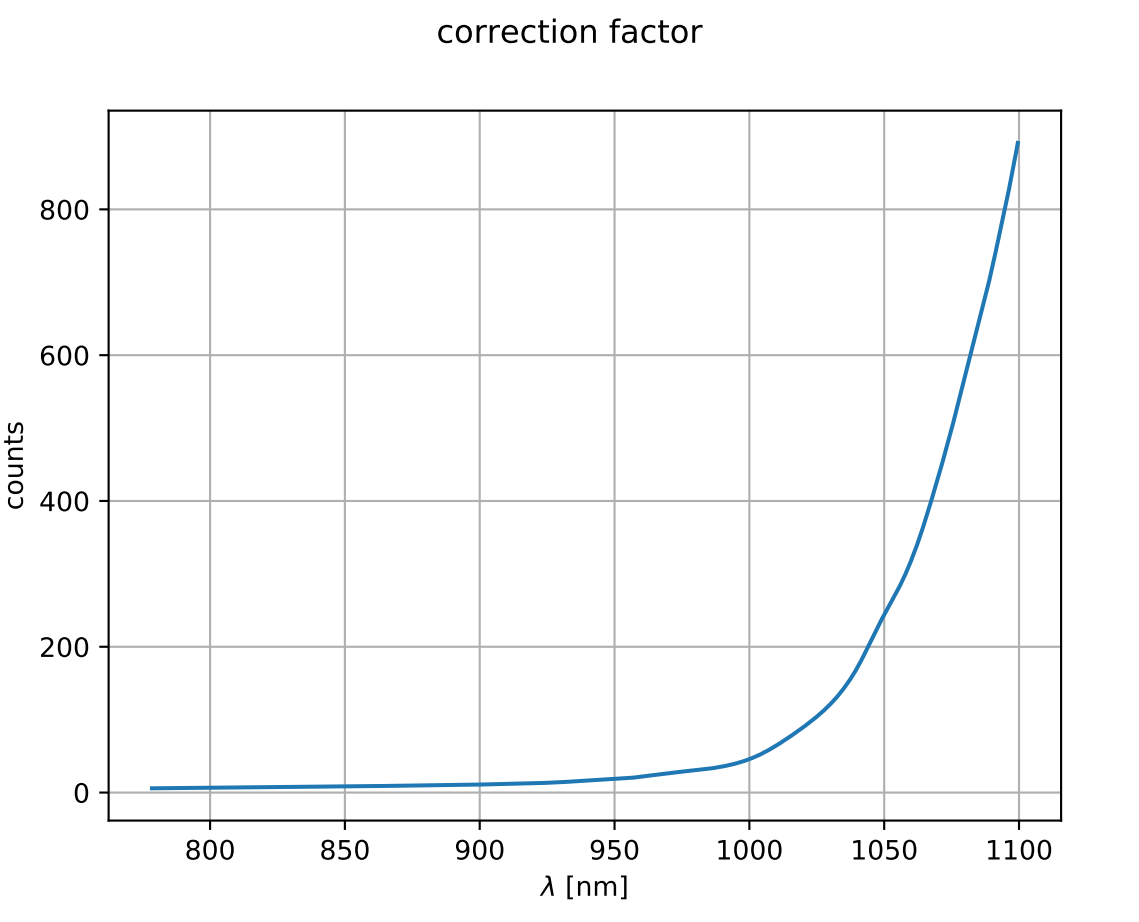

corrected data
1e3
3.0
2.5
2.0
1.5
1.0
0.5
counts
600
700
800
900
1000
λ [nm]

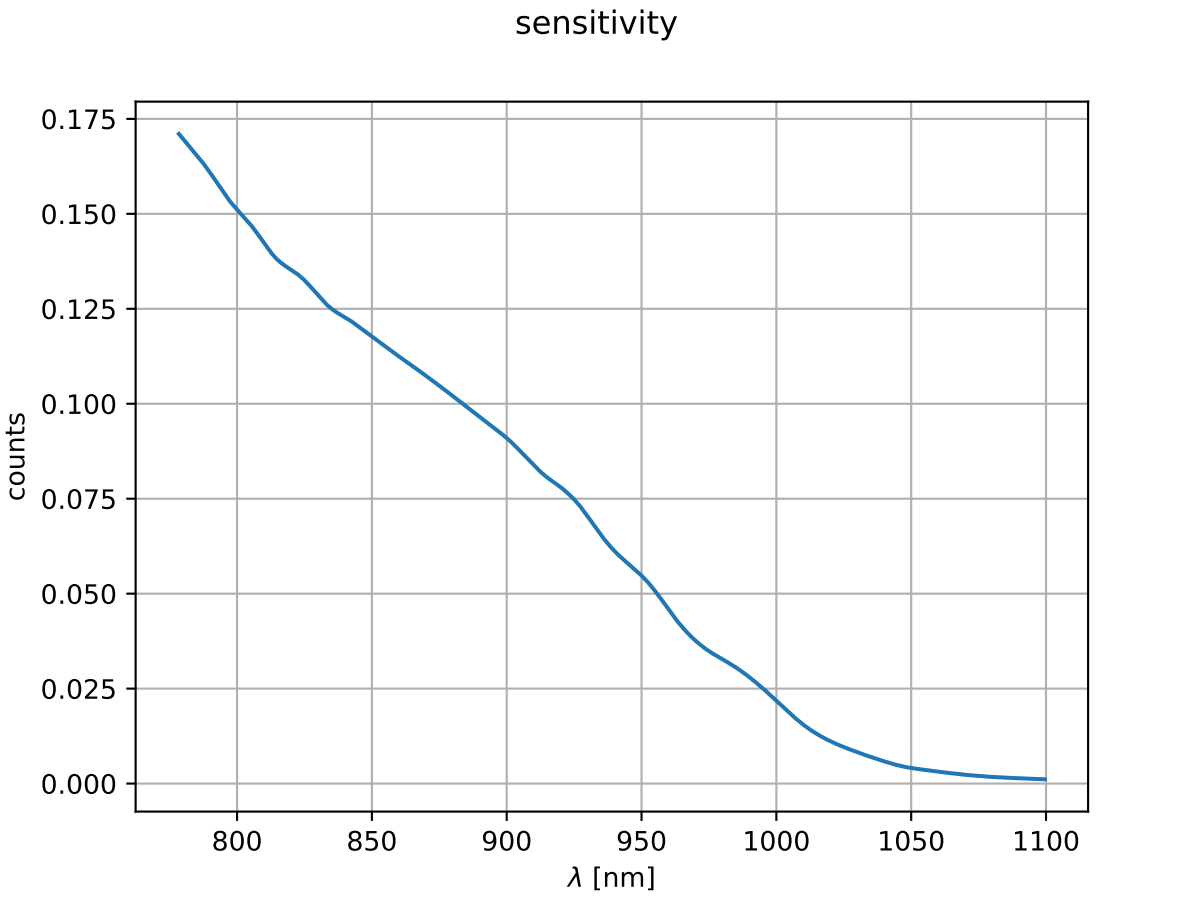

correction factor
counts
0
100
200
300
400
750
800
850
900
950
1000
1050
λ [nm]

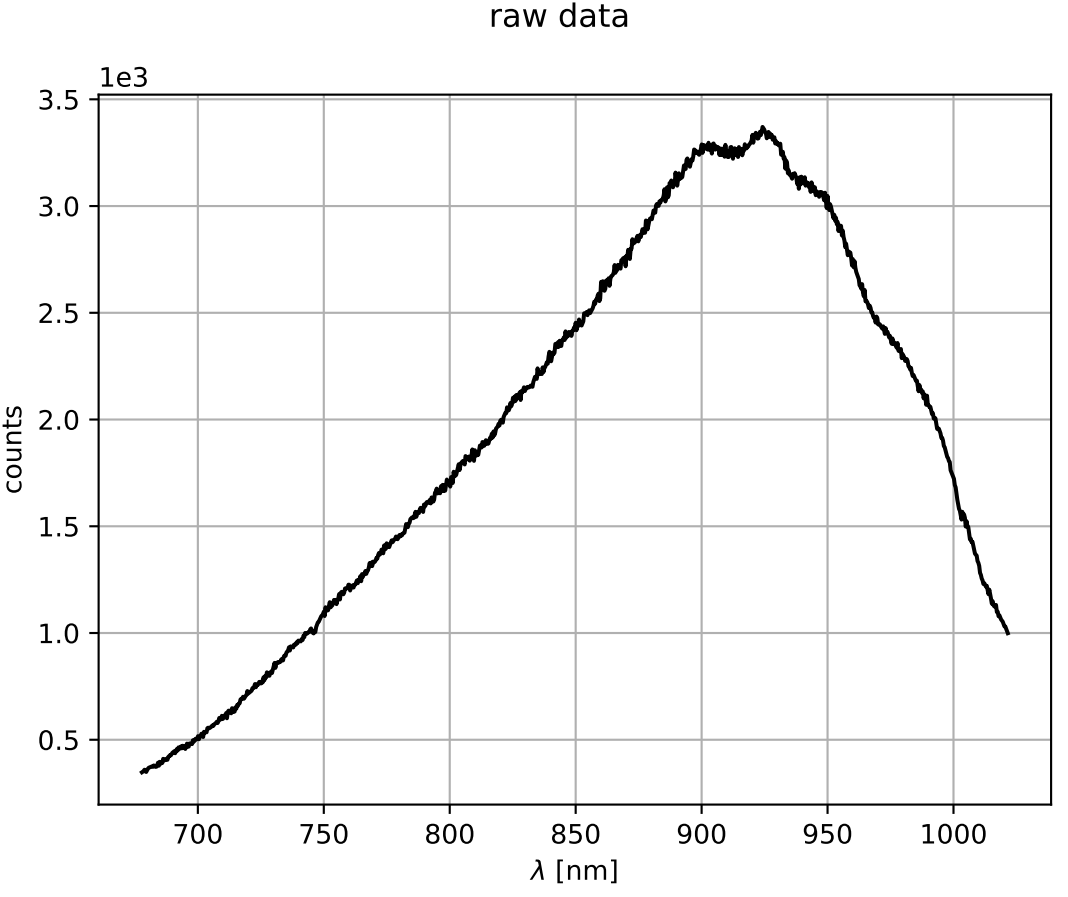

sensitivity
0.200
0.175
0.150
0.125
0.100
0.075
0.050
0.025
0.000
counts
750
800
850
900
950
1000
1050
λ [nm]

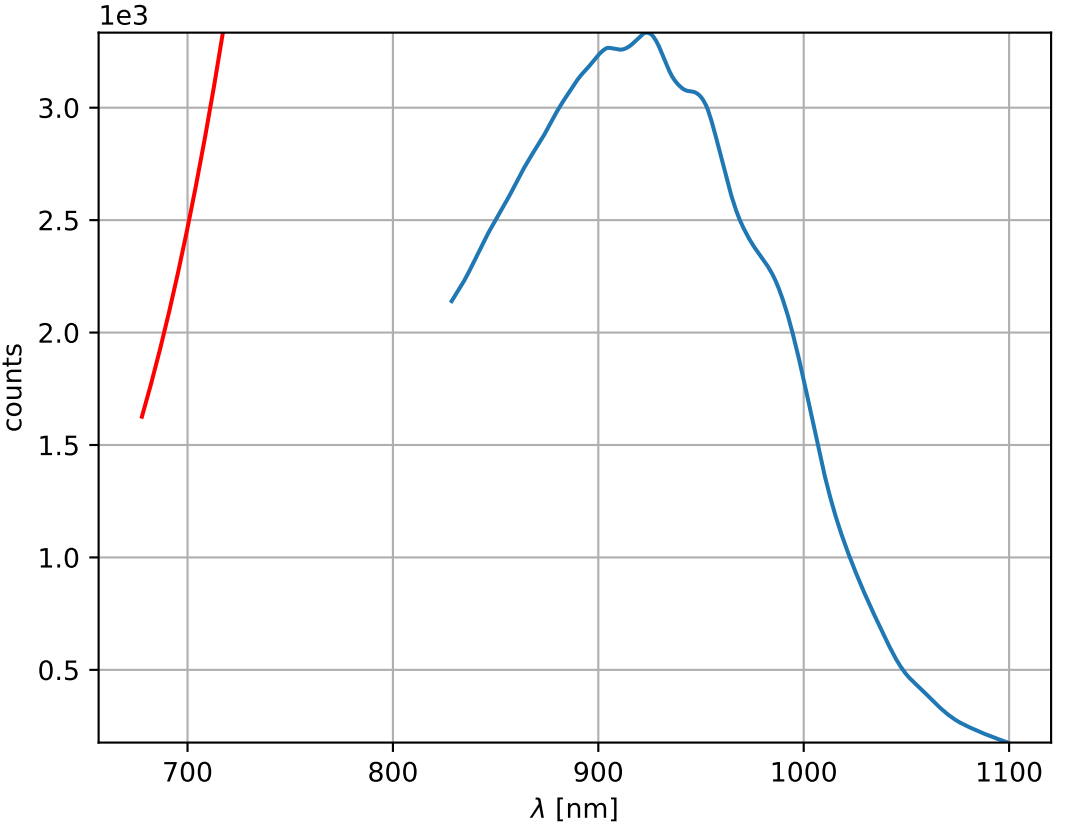

raw data
1e3
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
counts
650
700
750
800
850
900
950
λ [nm]

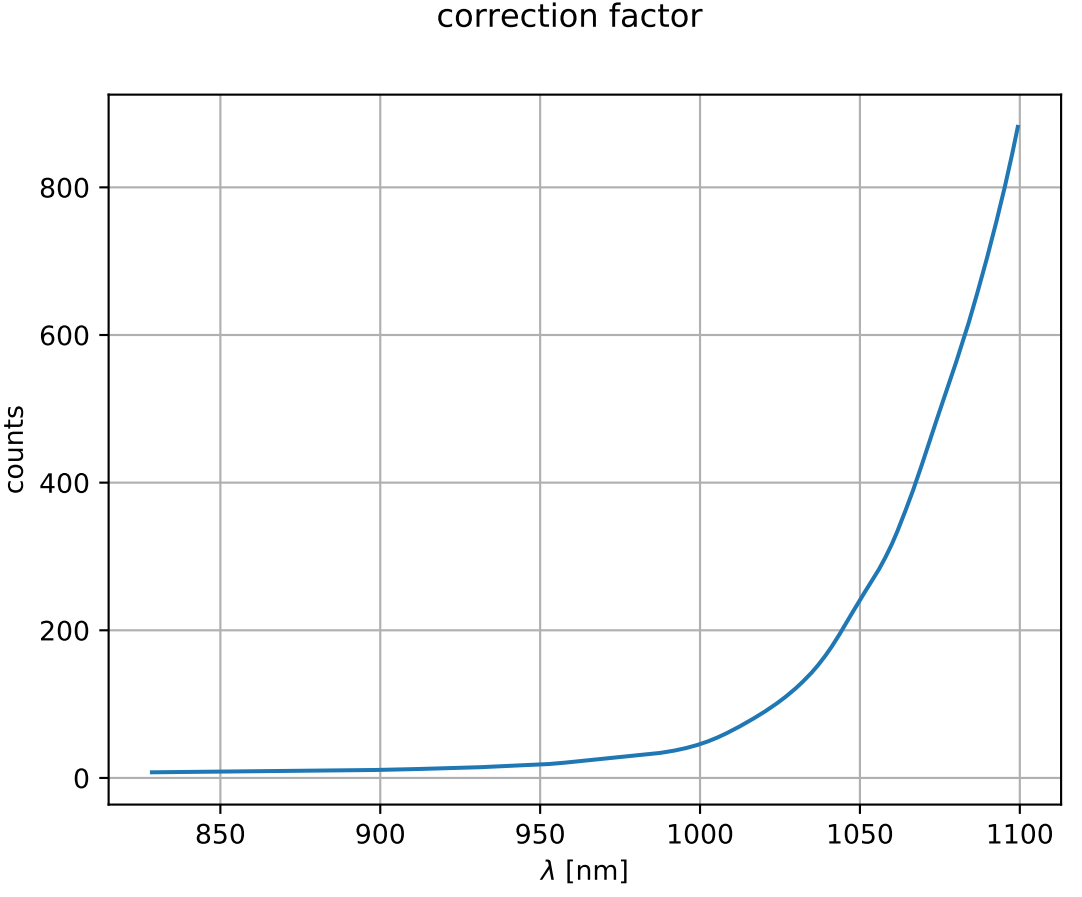

corrected data
1e3
3.0
2.5
2.0
1.5
1.0
0.5
counts
700
800
900
1000
1100
λ [nm]

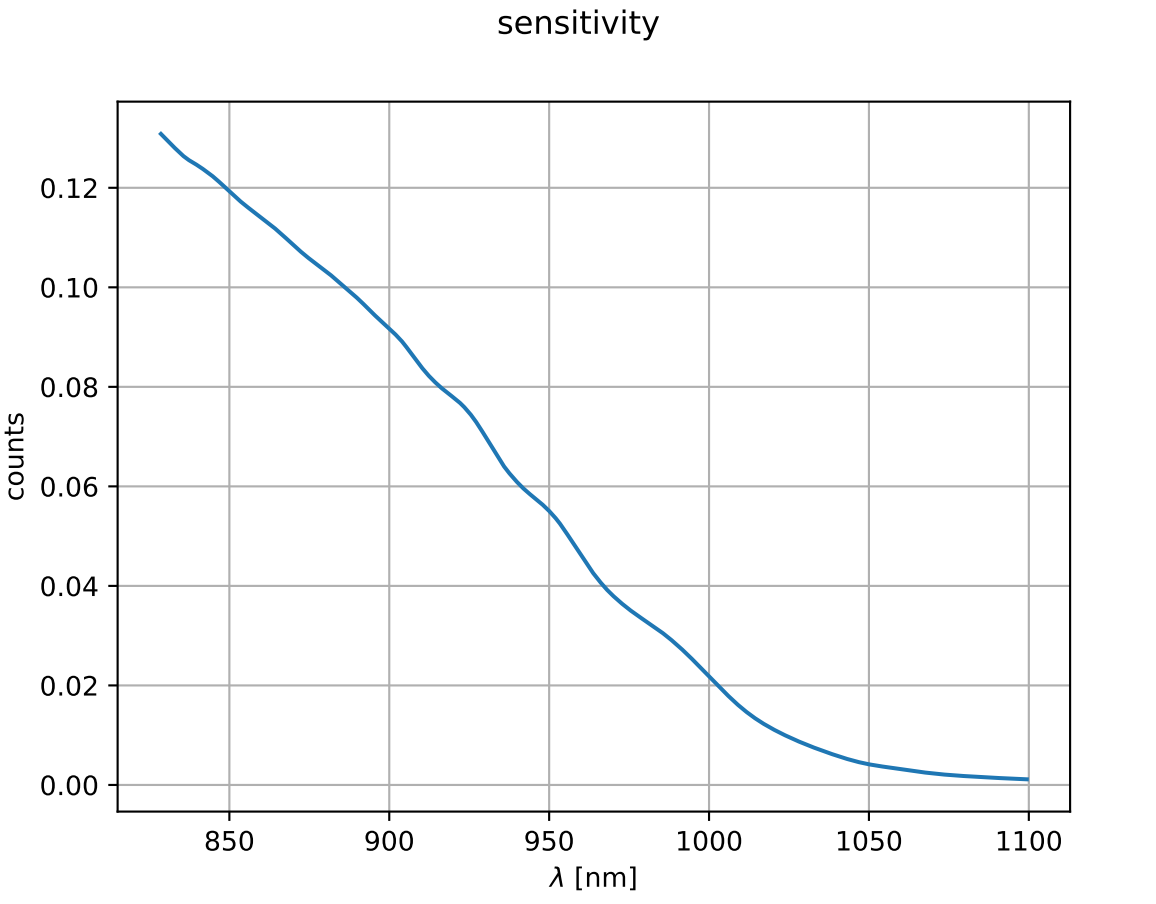

correction factor
counts
0
200
400
600
800
800
850
900
950
1000
1050
1100
λ [nm]

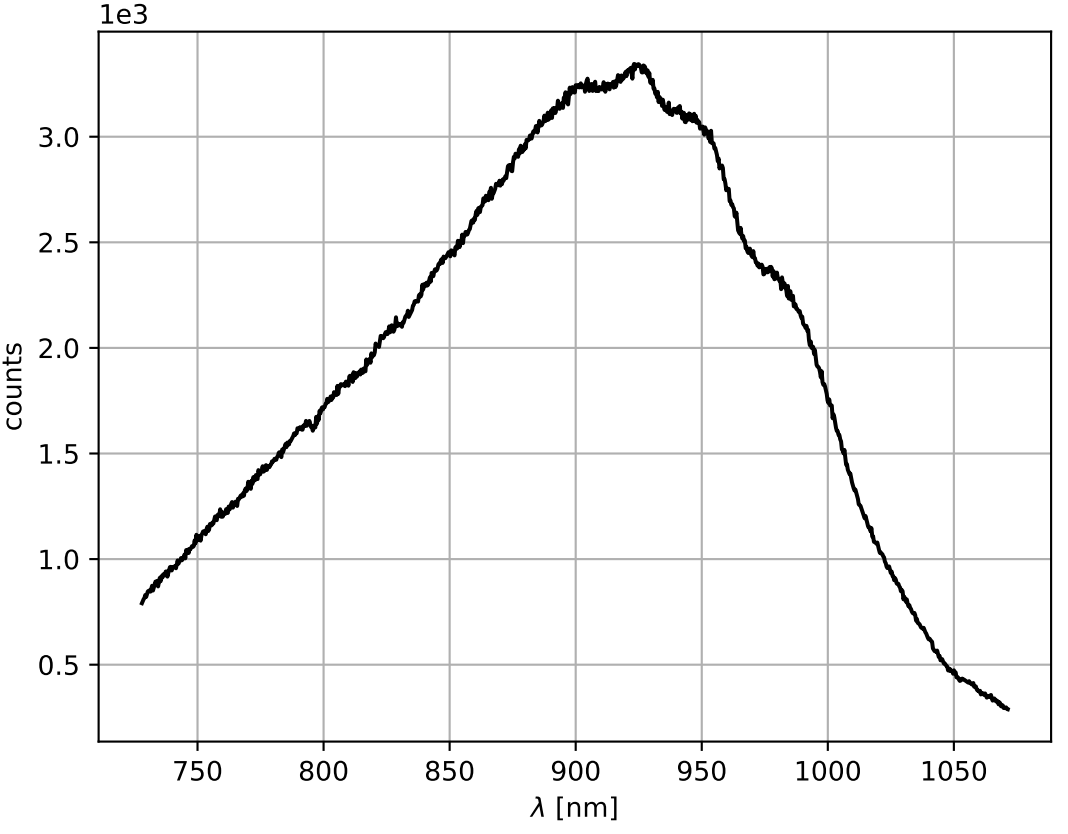

sensitivity
0.175
0.150
0.125
0.100
0.075
0.050
0.025
0.000
counts
800
850
900
950
1000
1050
1100
λ [nm]

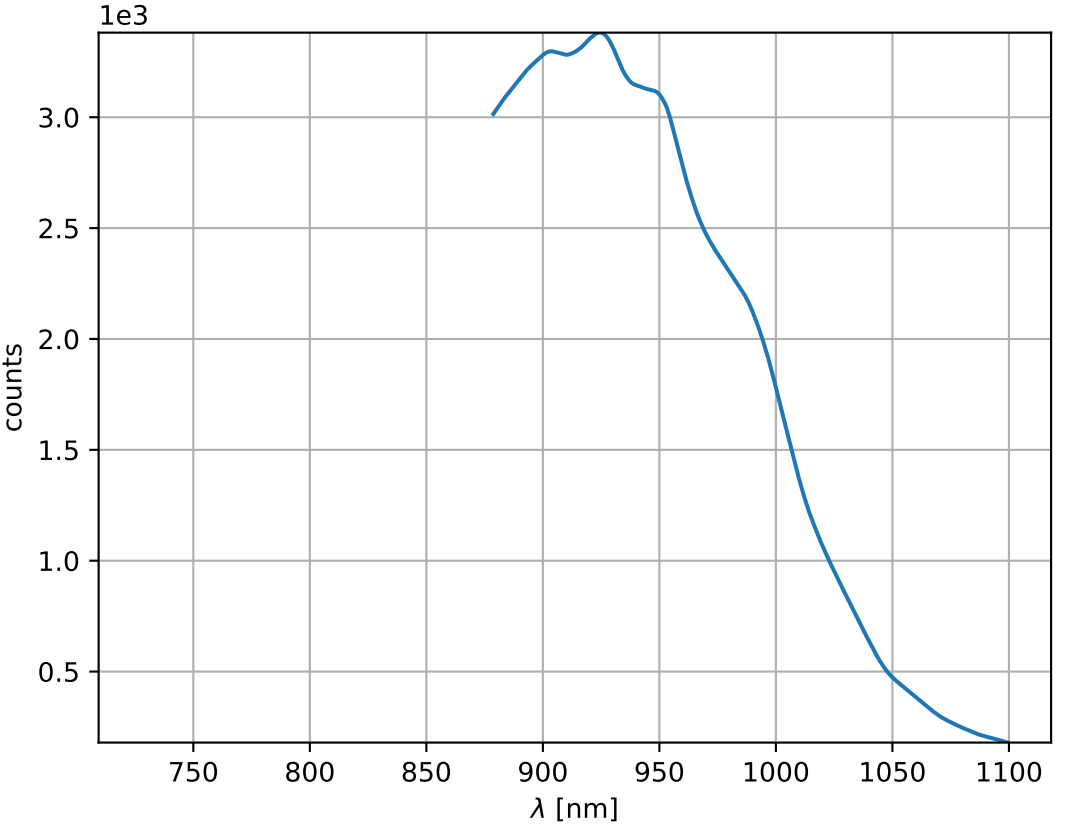

raw data
1e3
3.5
3.0
2.5
2.0
1.5
1.0
0.5
counts
700
750
800
850
900
950
1000
λ [nm]

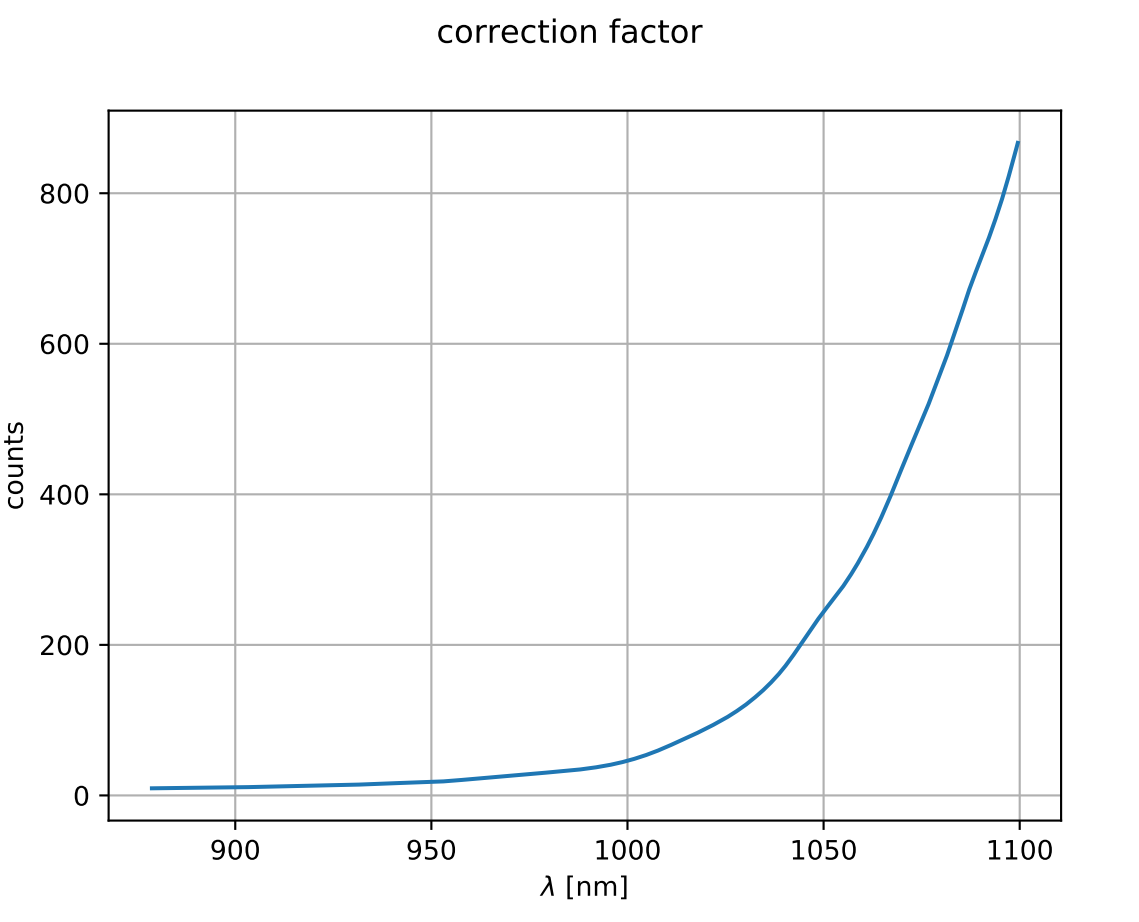

corrected data
1e3
3.0
2.5
2.0
1.5
1.0
0.5
counts
700
800
900
1000
1100
λ [nm]

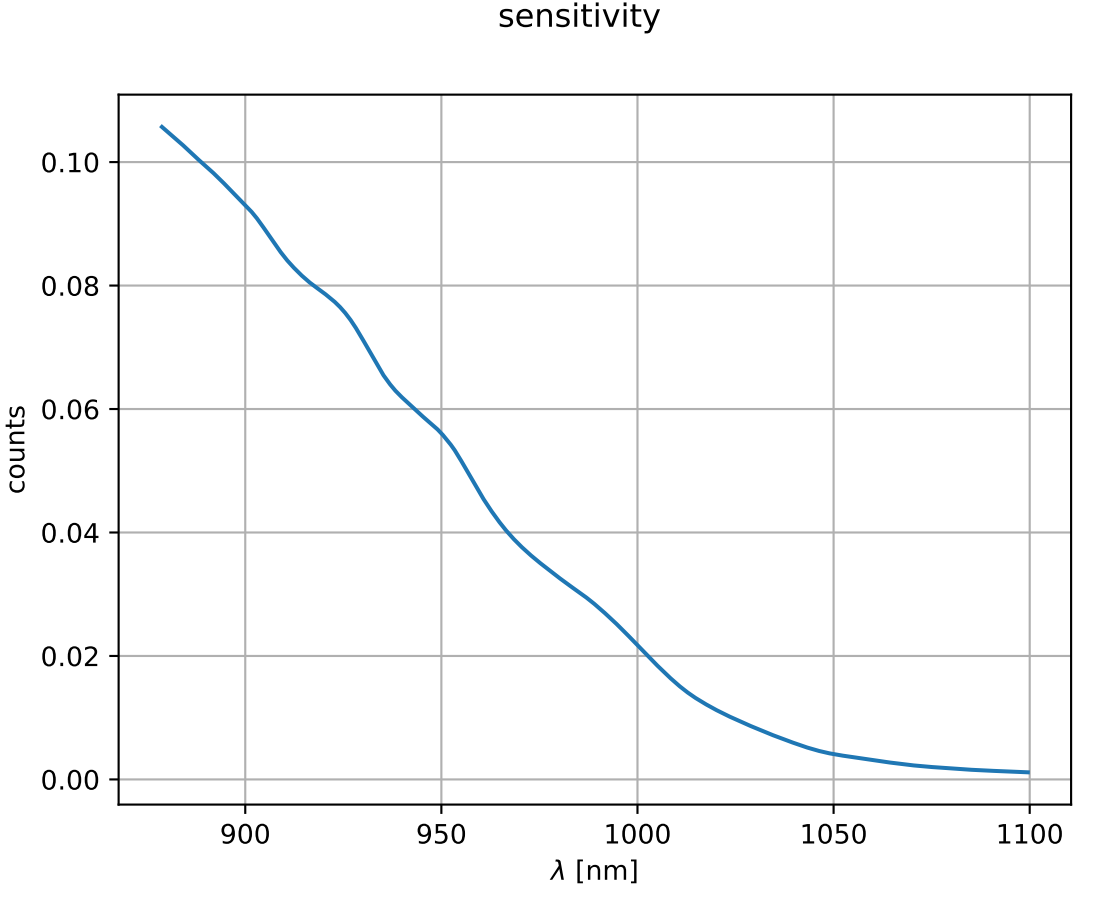

correction factor
counts
0
200
400
600
800
850
900
950
1000
1050
1100
λ [nm]

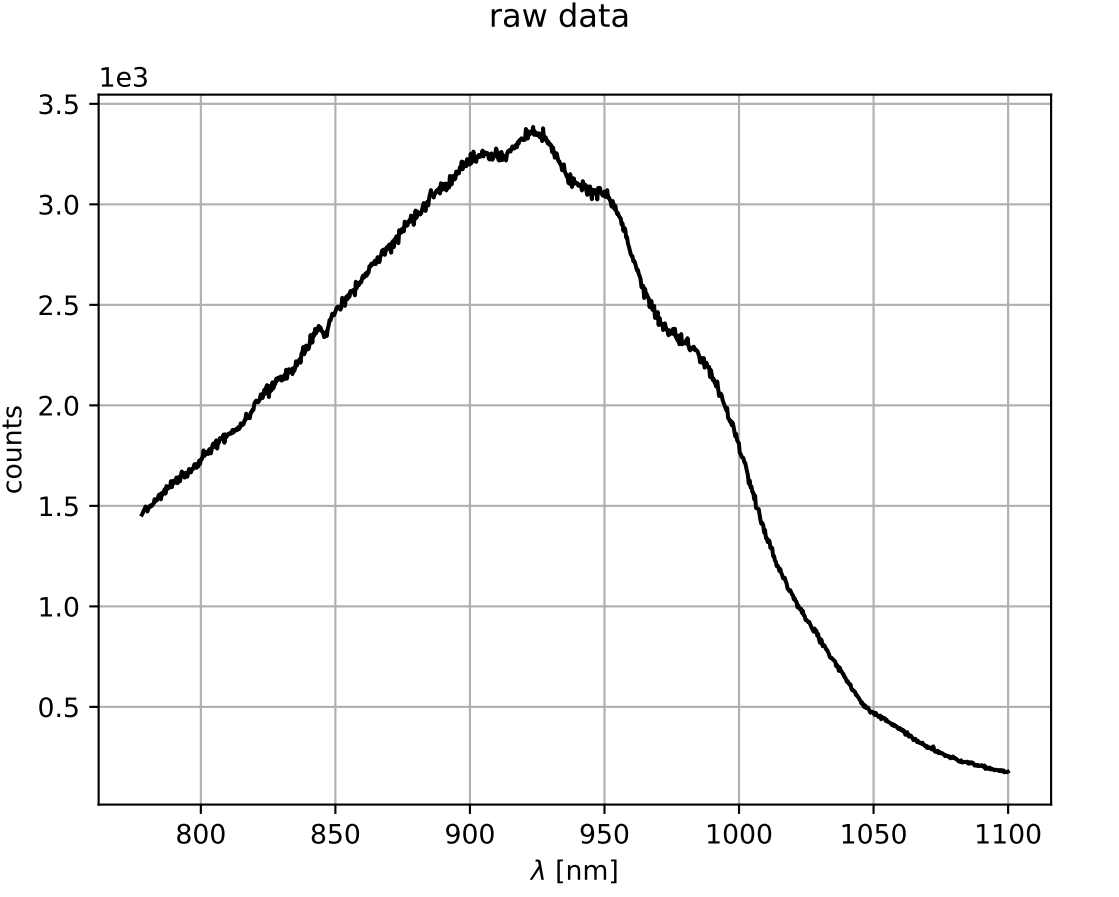

sensitivity
counts
0.12
0.10
0.08
0.06
0.04
0.02
0.00
850
900
950
1000
1050
1100
λ [nm]

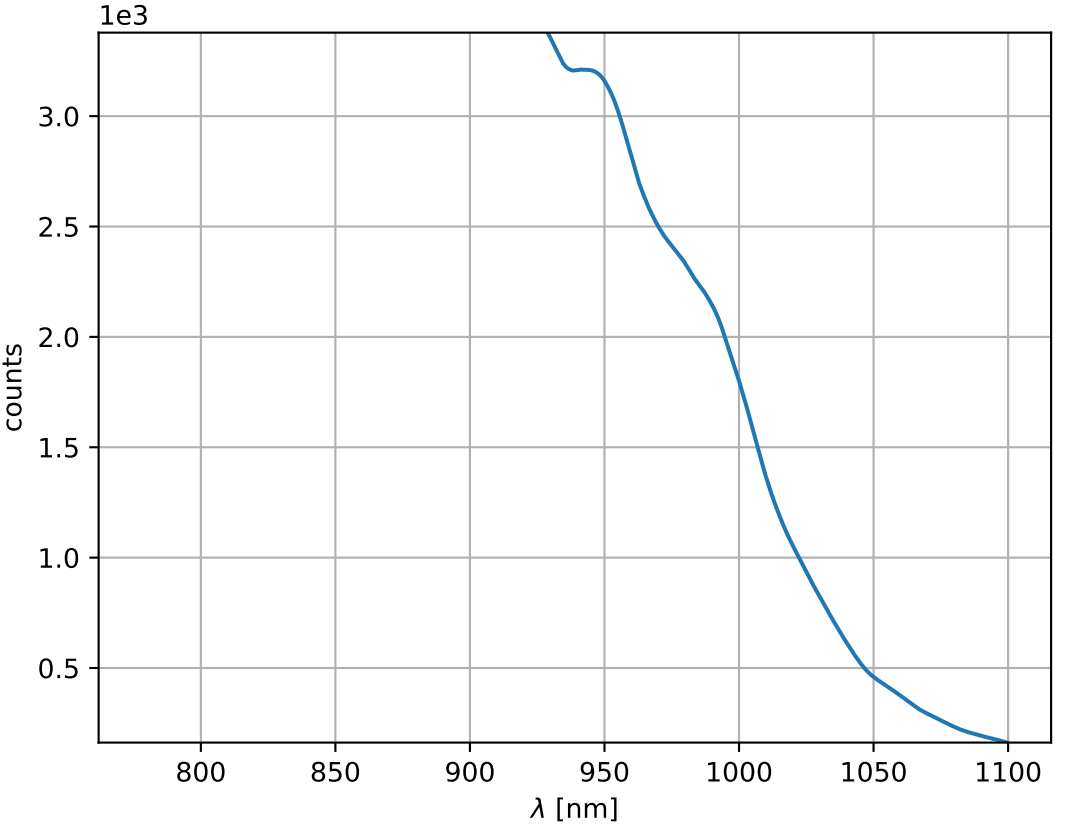

raw data
1e3
3.0
2.5
2.0
1.5
1.0
0.5
counts
750
800
850
900
950
1000
1050
λ [nm]

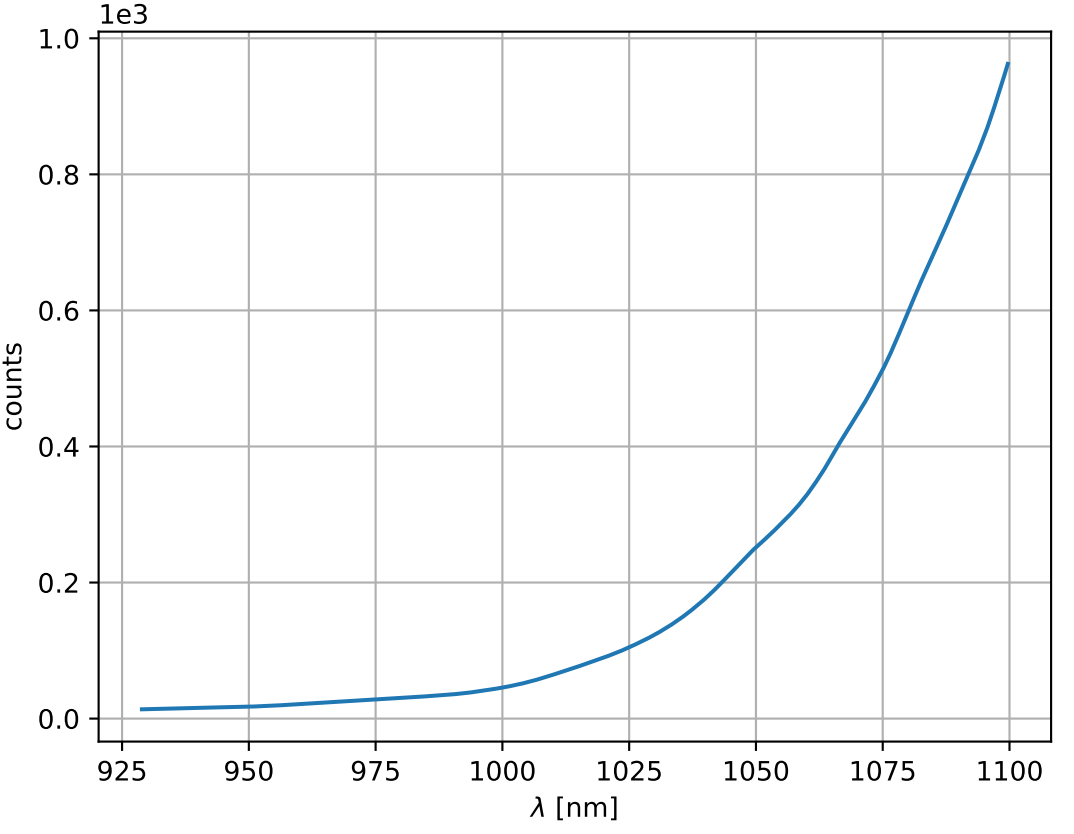

corrected data
1e3
3.0
2.5
2.0
1.5
1.0
0.5
counts
750
800
850
900
950
1000
1050
1100
λ [nm]

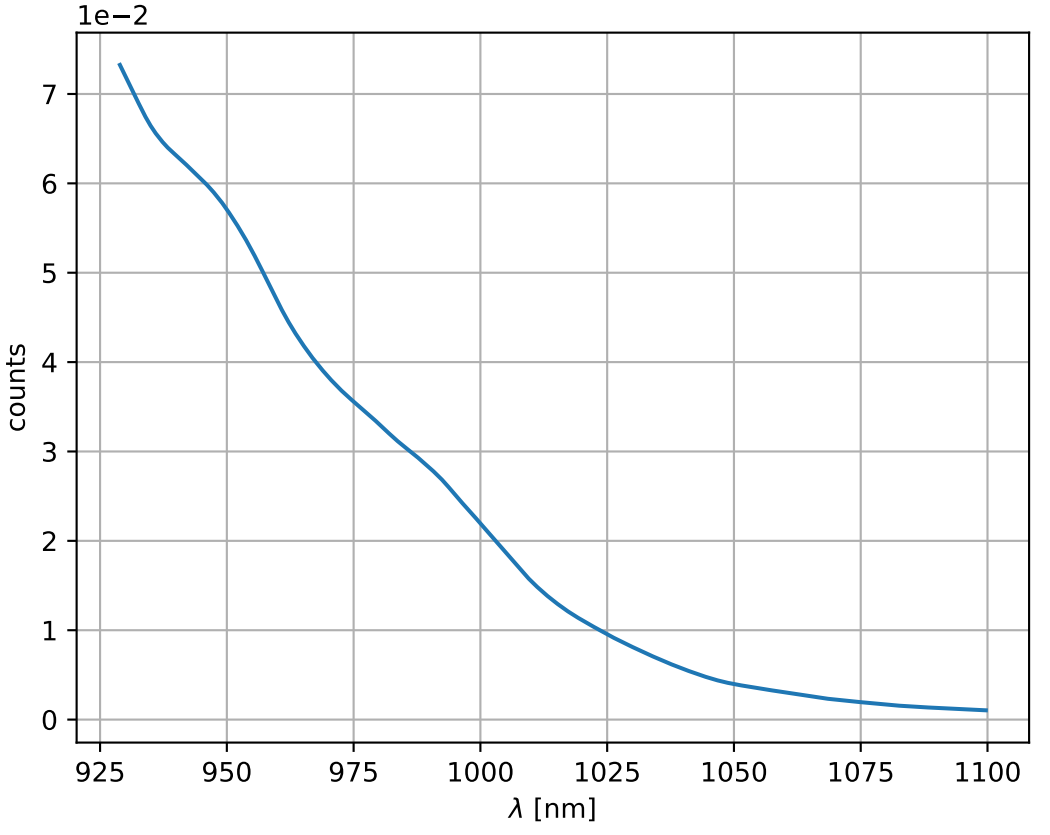

correction factor
counts
0
200
400
600
800
900
950
1000
1050
1100
λ [nm]

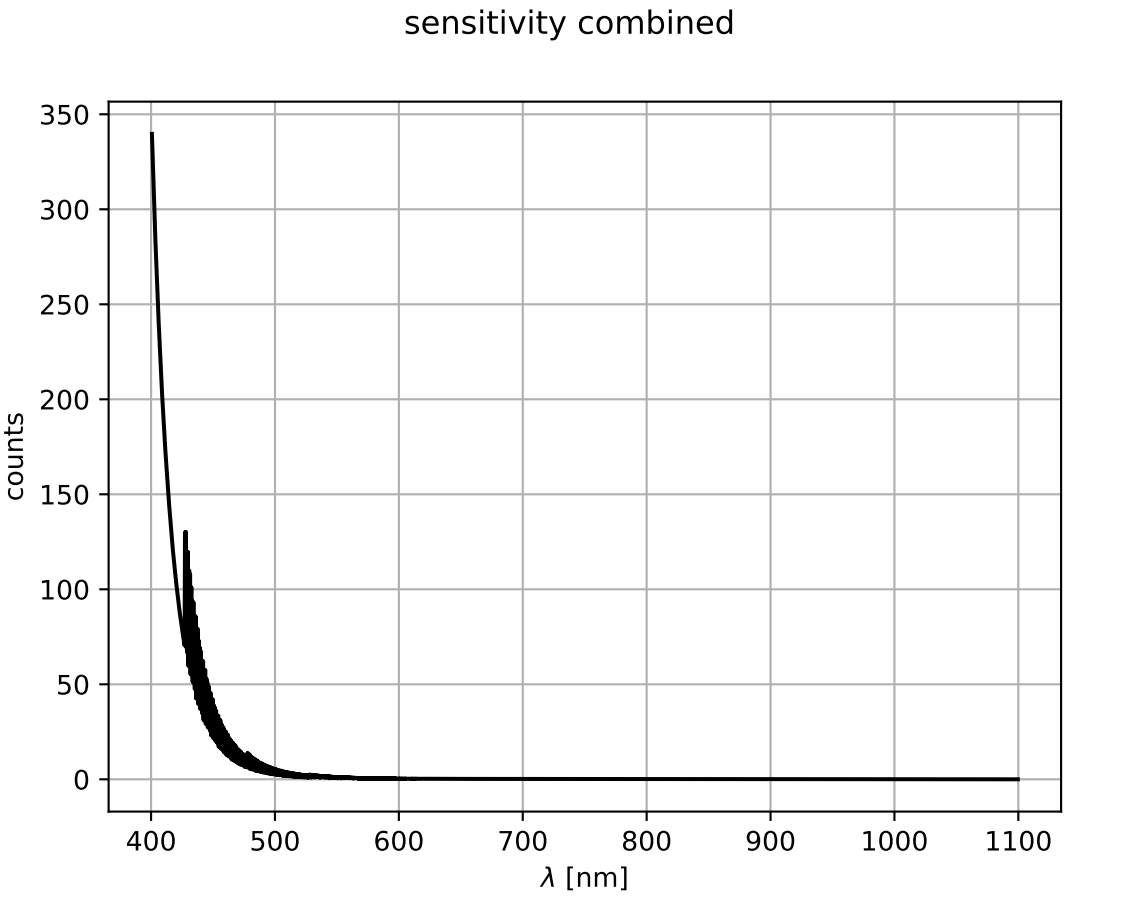

sensitivity
0.10
0.08
0.06
0.04
0.02
0.00
counts
900
950
1000
1050
1100
λ [nm]

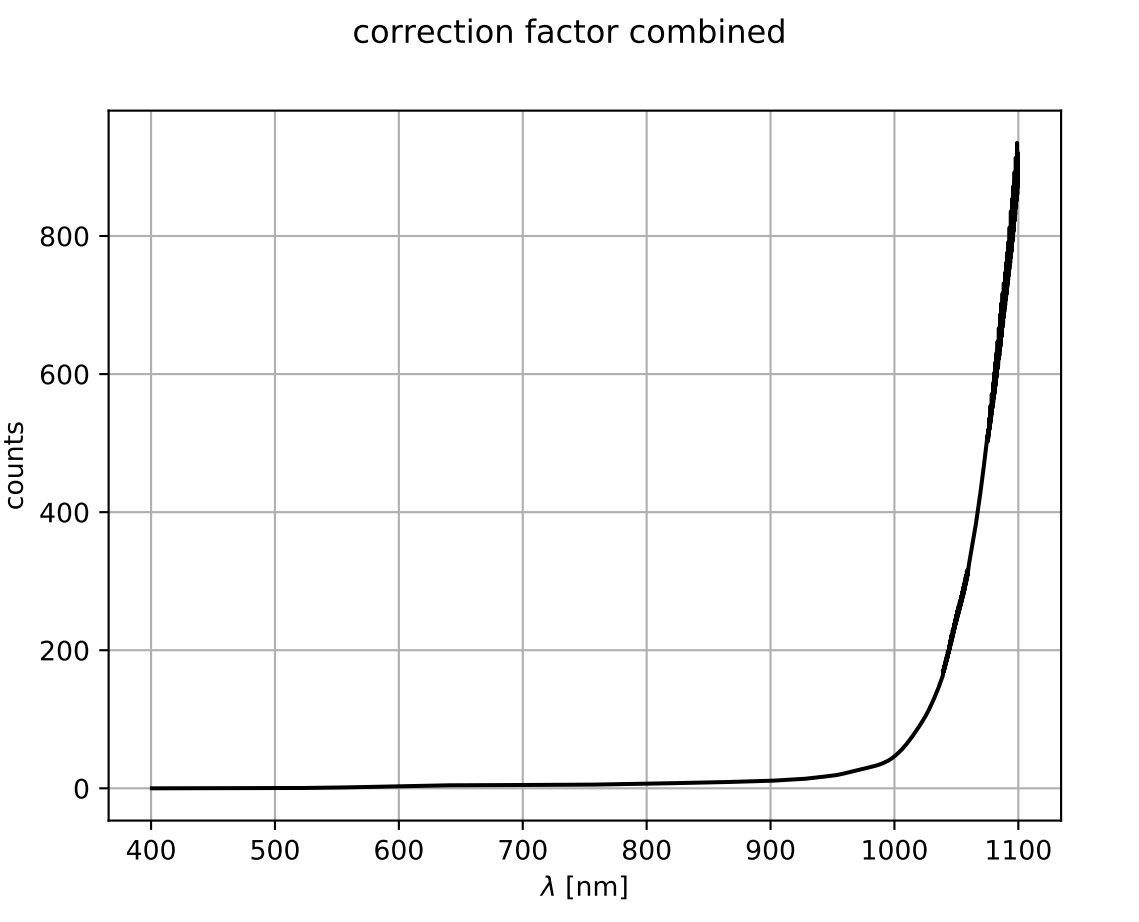

raw data
1e3
3.5
3.0
2.5
2.0
1.5
1.0
0.5
counts
800
850
900
950
1000
1050
1100
λ [nm]


corrected data
1e3
3.0
2.5
2.0
1.5
1.0
0.5
counts
800
850
900
950
1000
1050
1100
λ [nm]


correction factor
1e3
1.0
0.8
0.6
0.4
0.2
0.0
counts
925
950
975
1000
1025
1050
1075
1100
λ [nm]


sensitivity
1e−2
7
6
5
4
3
2
1
0
counts
925
950
975
1000
1025
1050
1075
1100
λ [nm]


sensitivity combined
counts
λ [nm]
0
50
100
150
200
250
300
350
400
500
600
700
800
900
1000
1100


correction factor combined
counts
0
200
400
600
800
400
500
600
700
800
900
1000
1100
λ [nm]