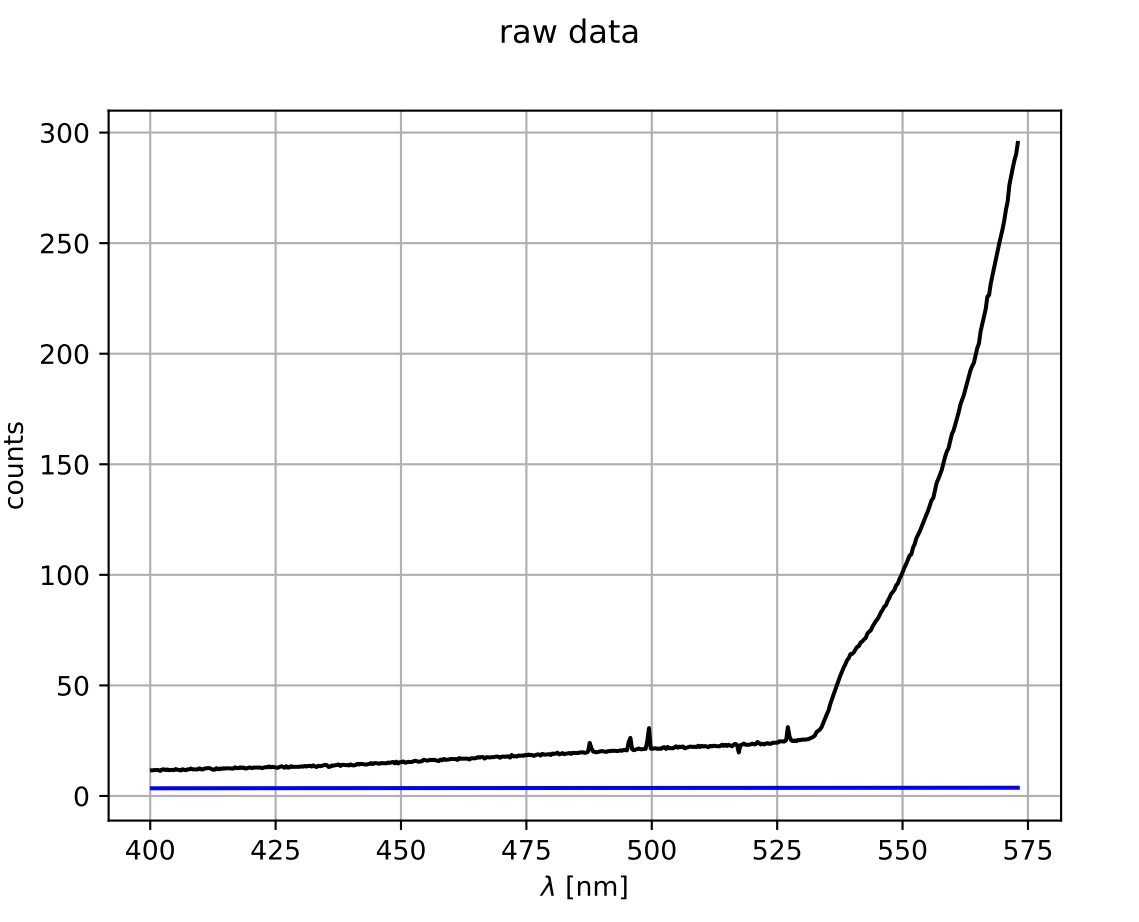
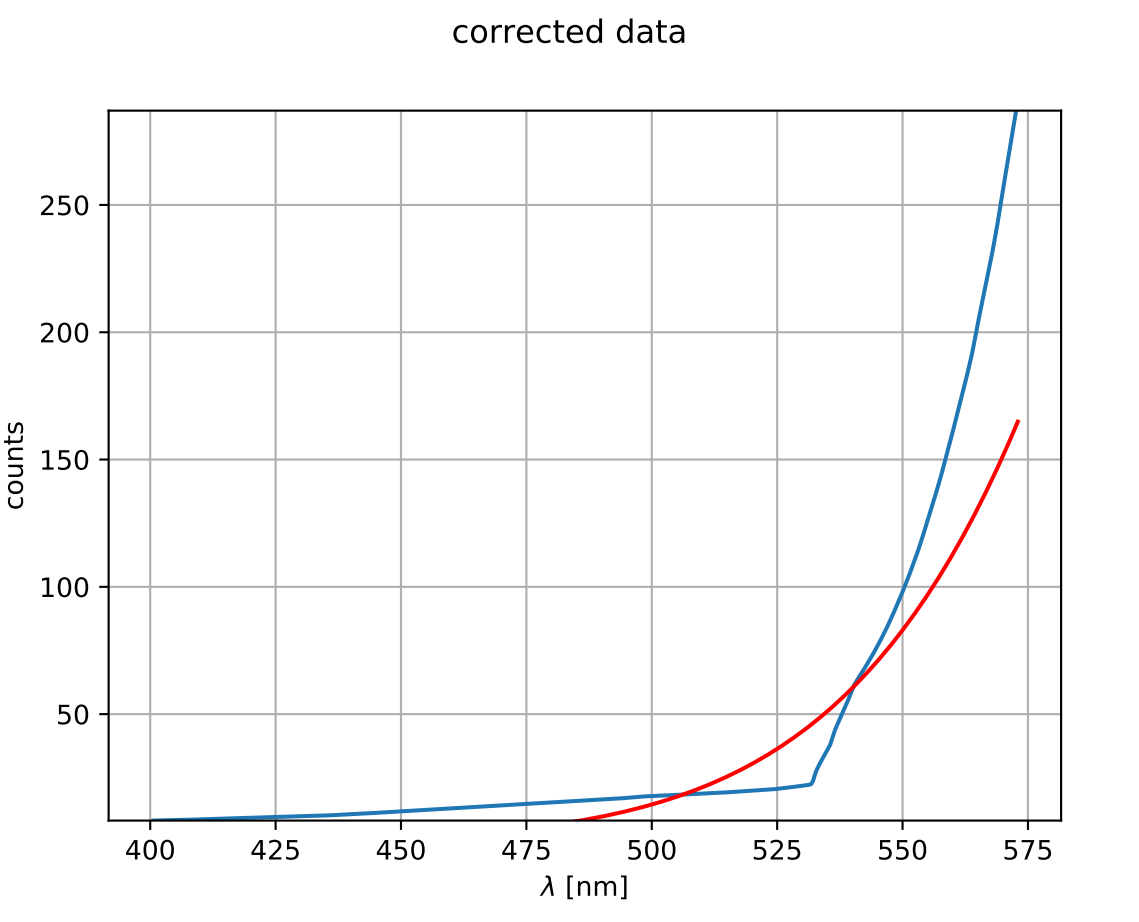
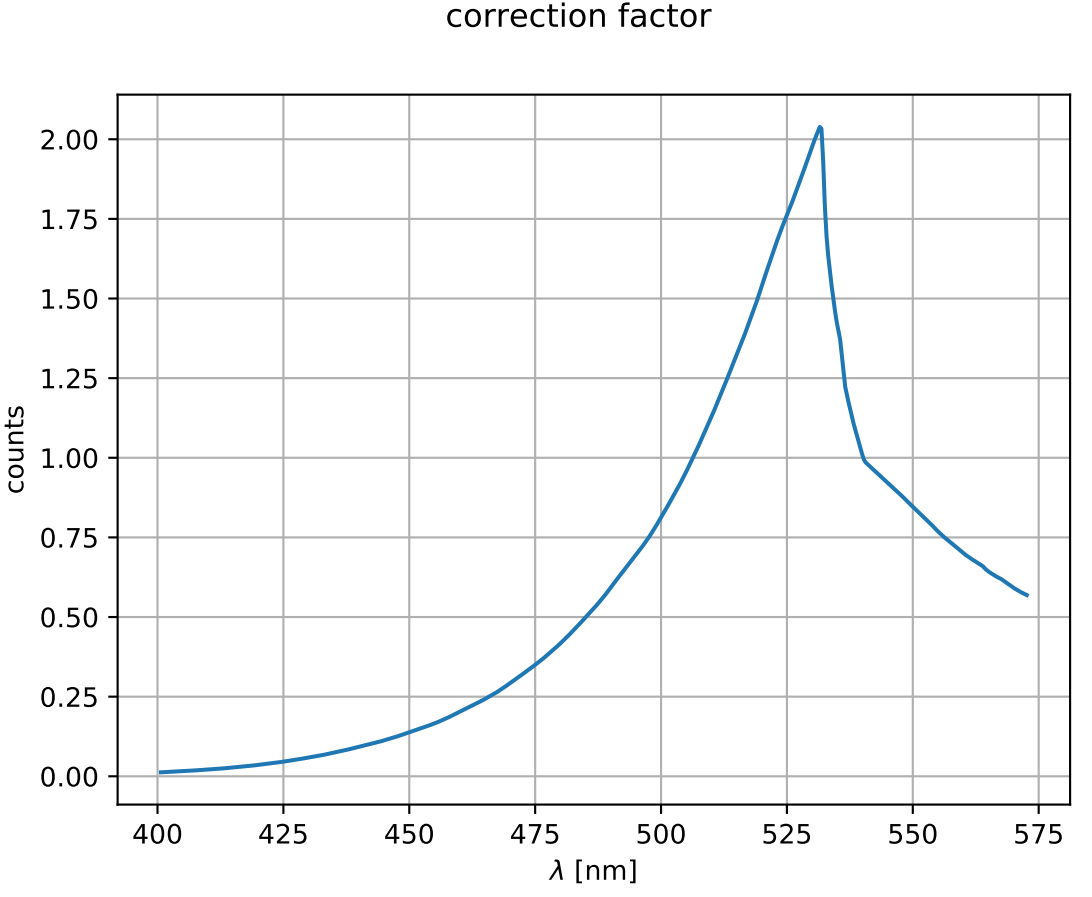
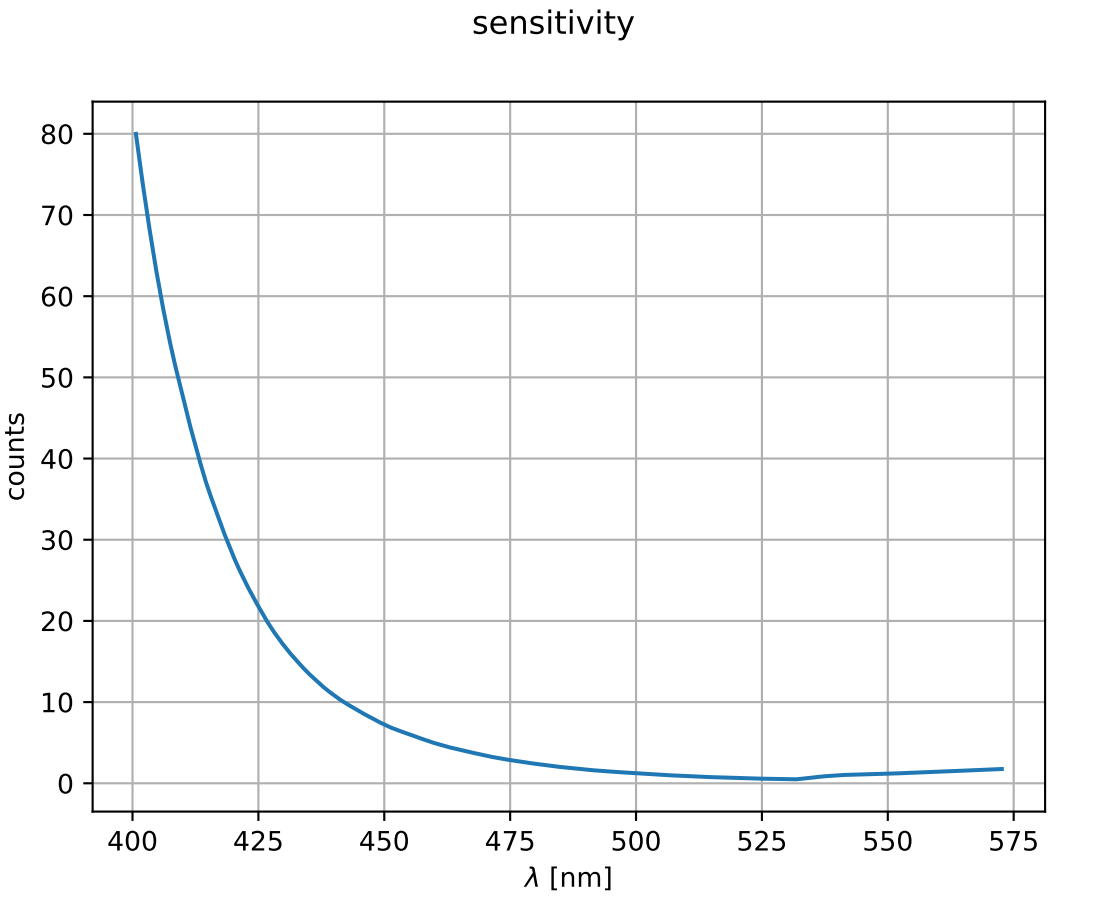
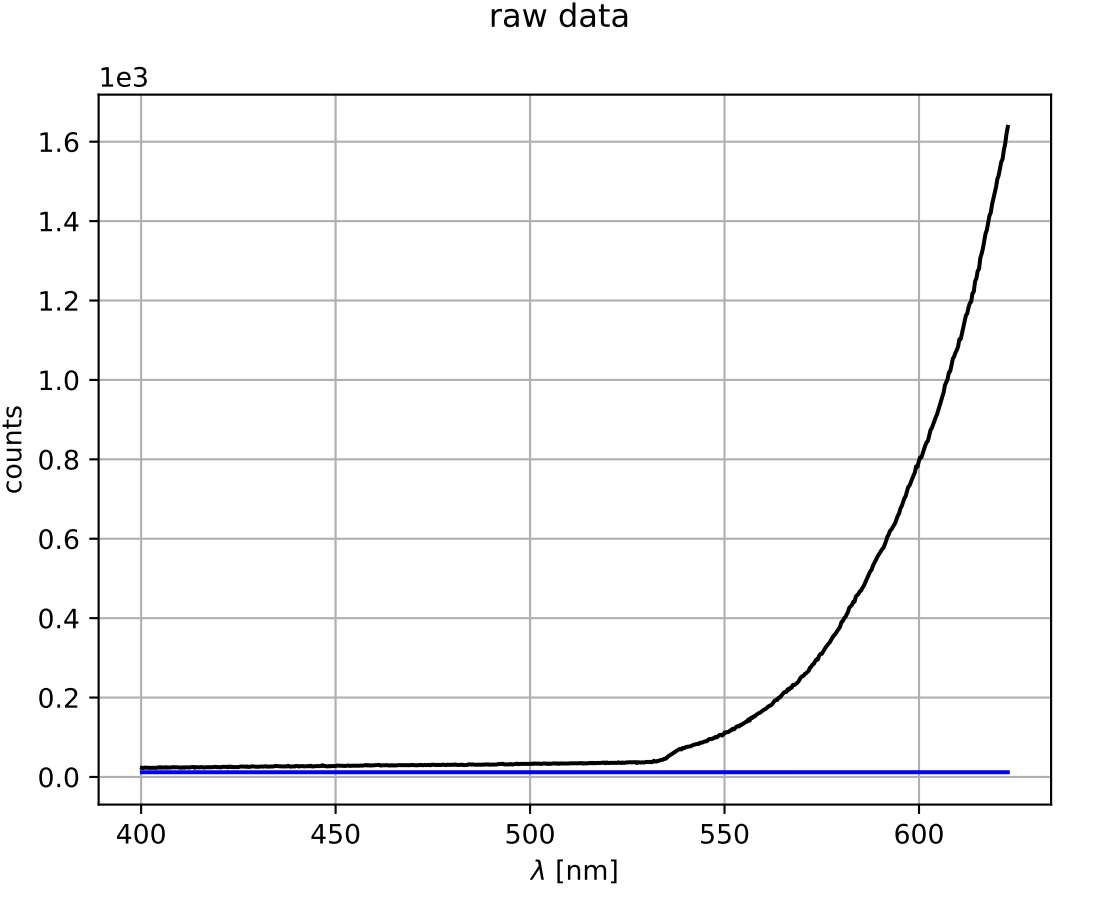
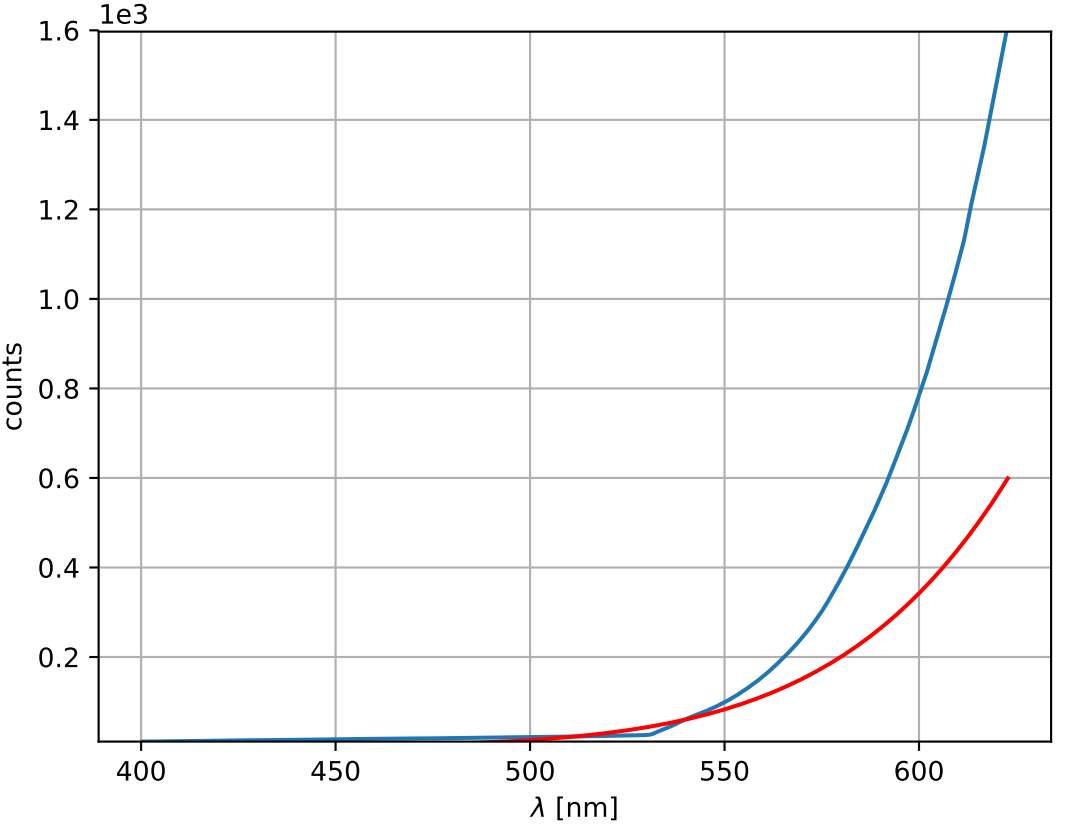

raw data
counts
λ [nm]
0
50
100
150
200
250
300
400
425
450
475
500
525
550
575

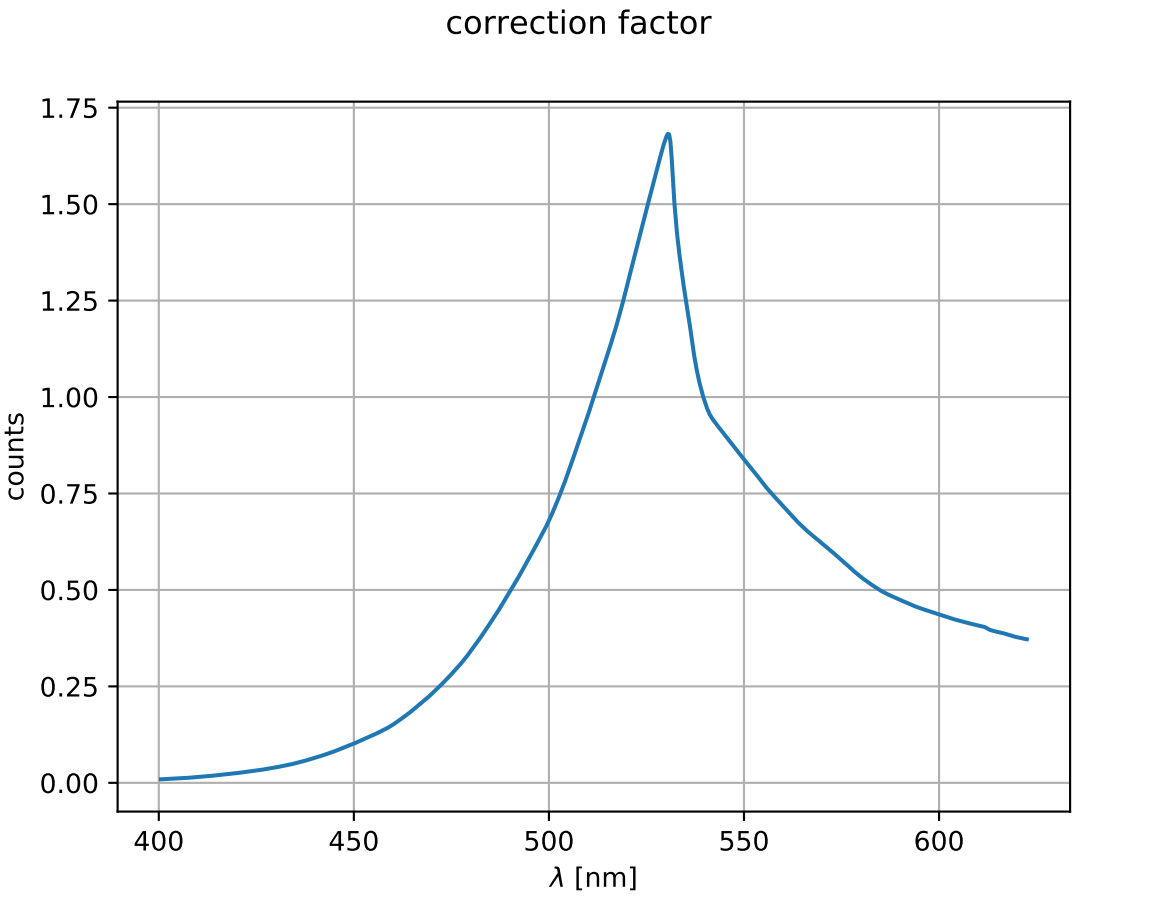

corrected data
counts
250
200
150
100
50
400
425
450
475
500
525
550
575
λ [nm]

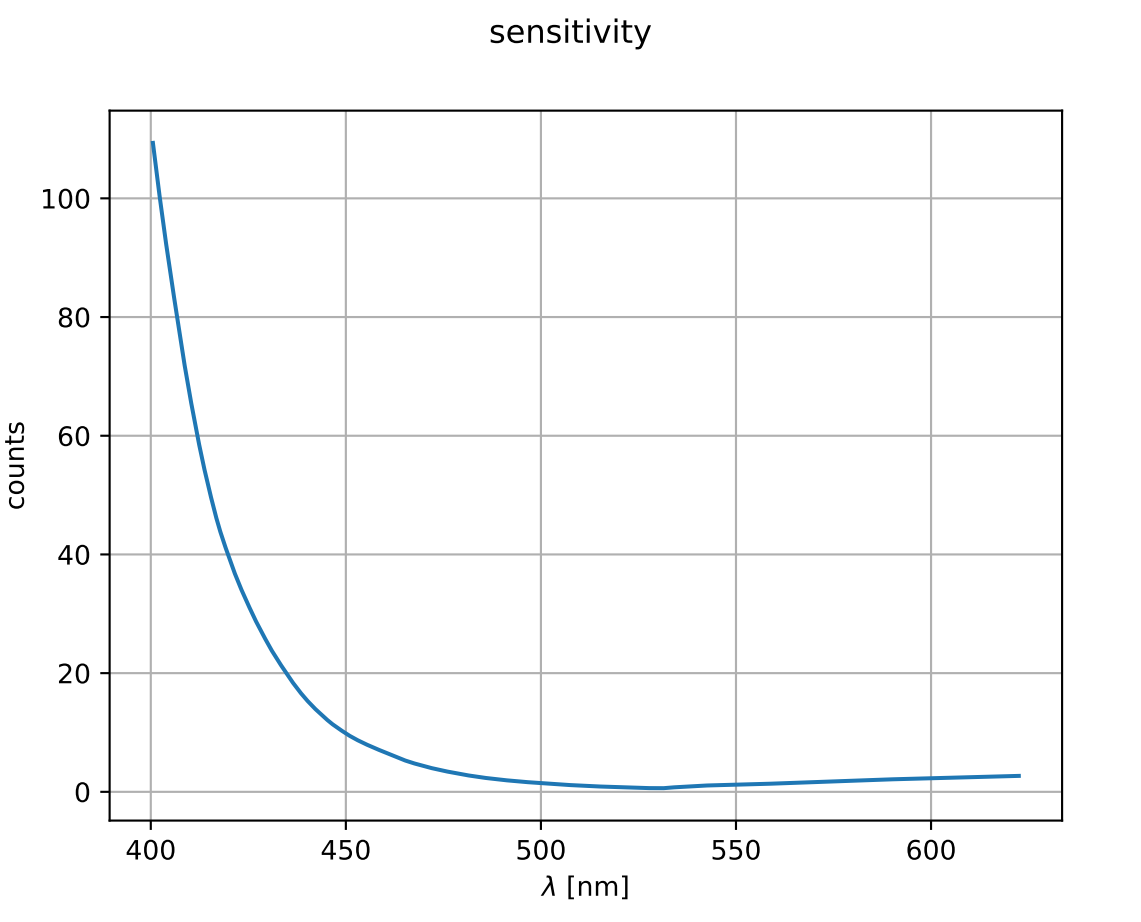

correction factor
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
400
425
450
475
500
525
550
575
λ [nm]

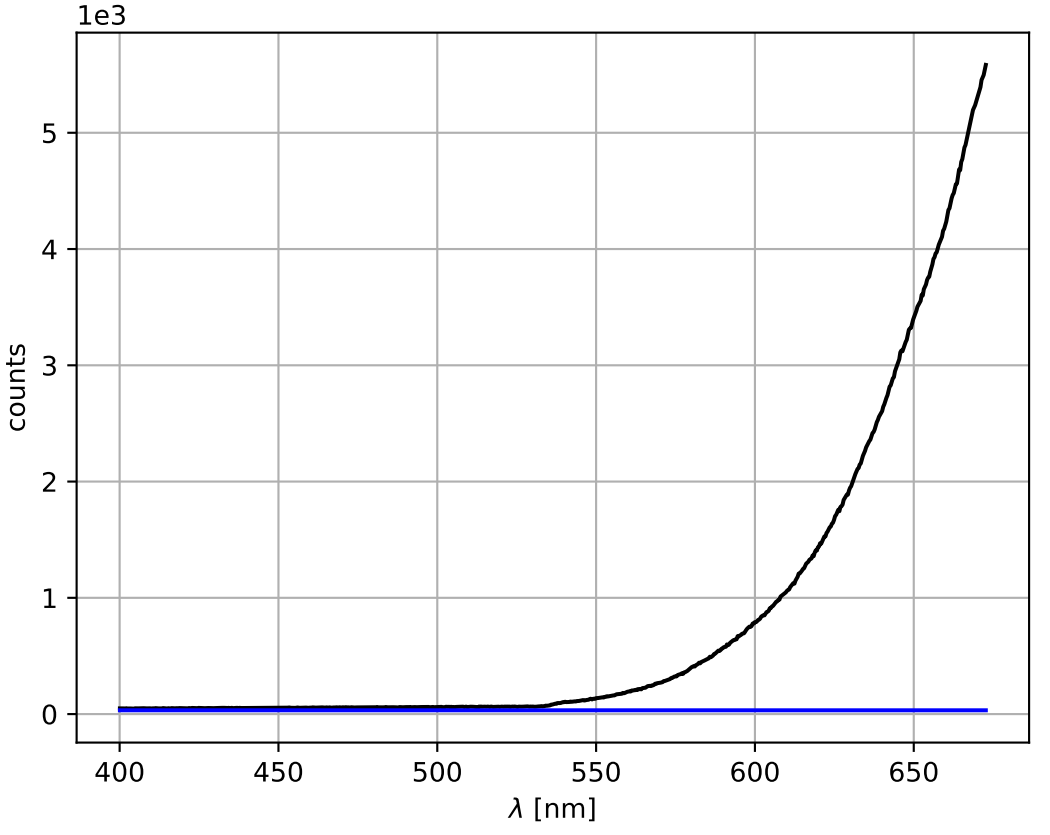

sensitivity
counts
λ [nm]
0
10
20
30
40
50
60
70
80
400
425
450
475
500
525
550
575

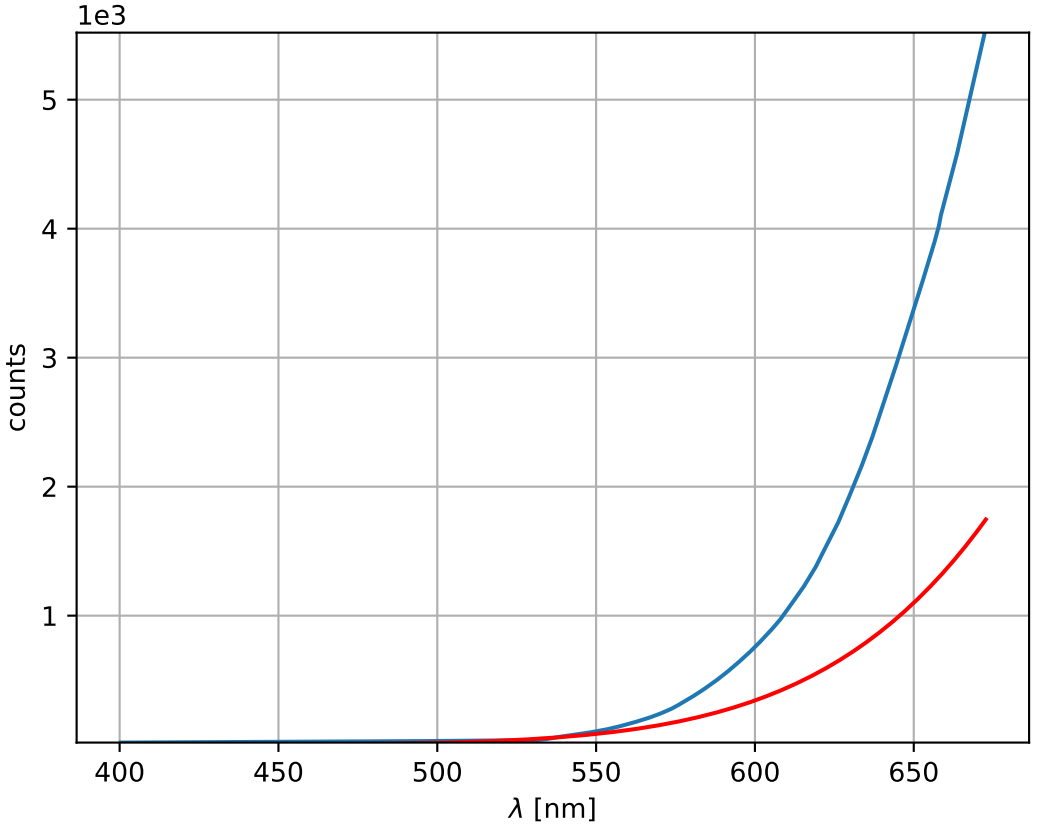

raw data
1e3
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
counts
400
450
500
550
600
λ [nm]

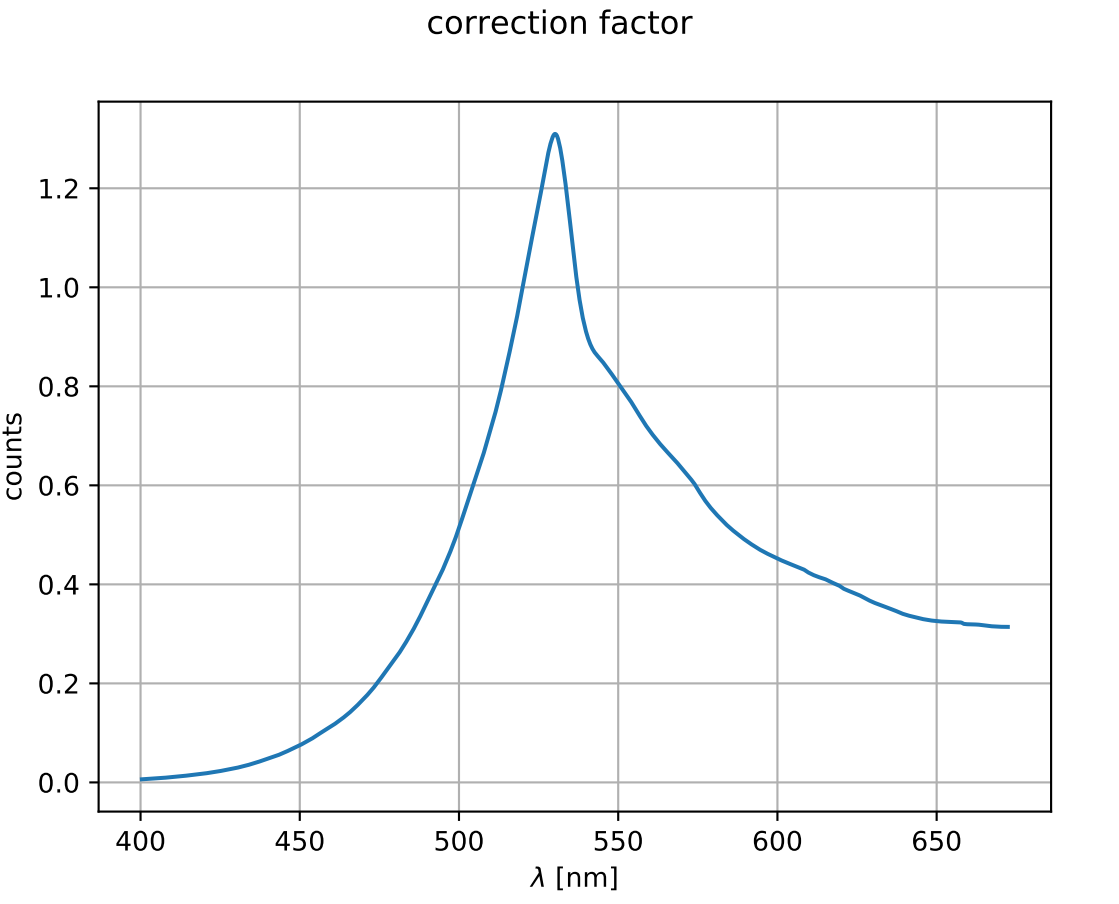

corrected data
1e3
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
counts
400
450
500
550
600
λ [nm]

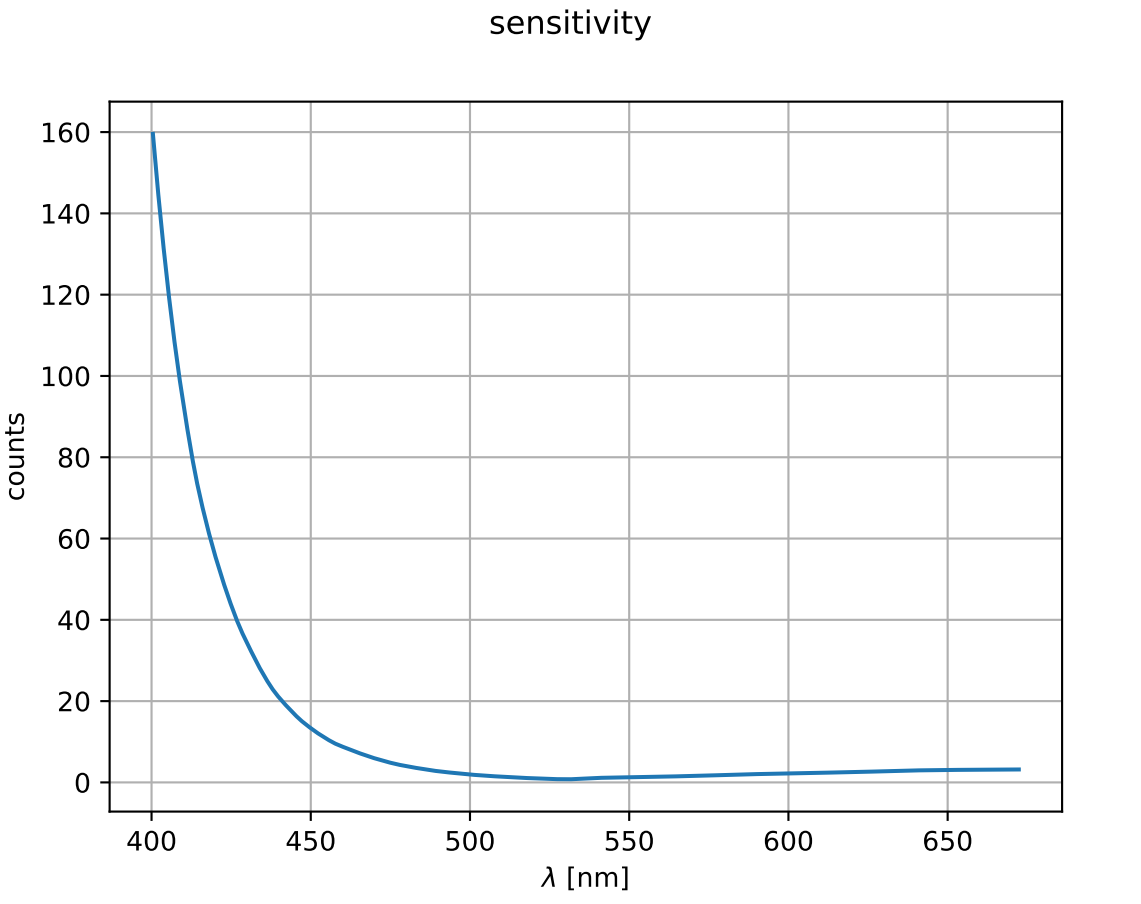

correction factor
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
counts
400
450
500
550
600
λ [nm]

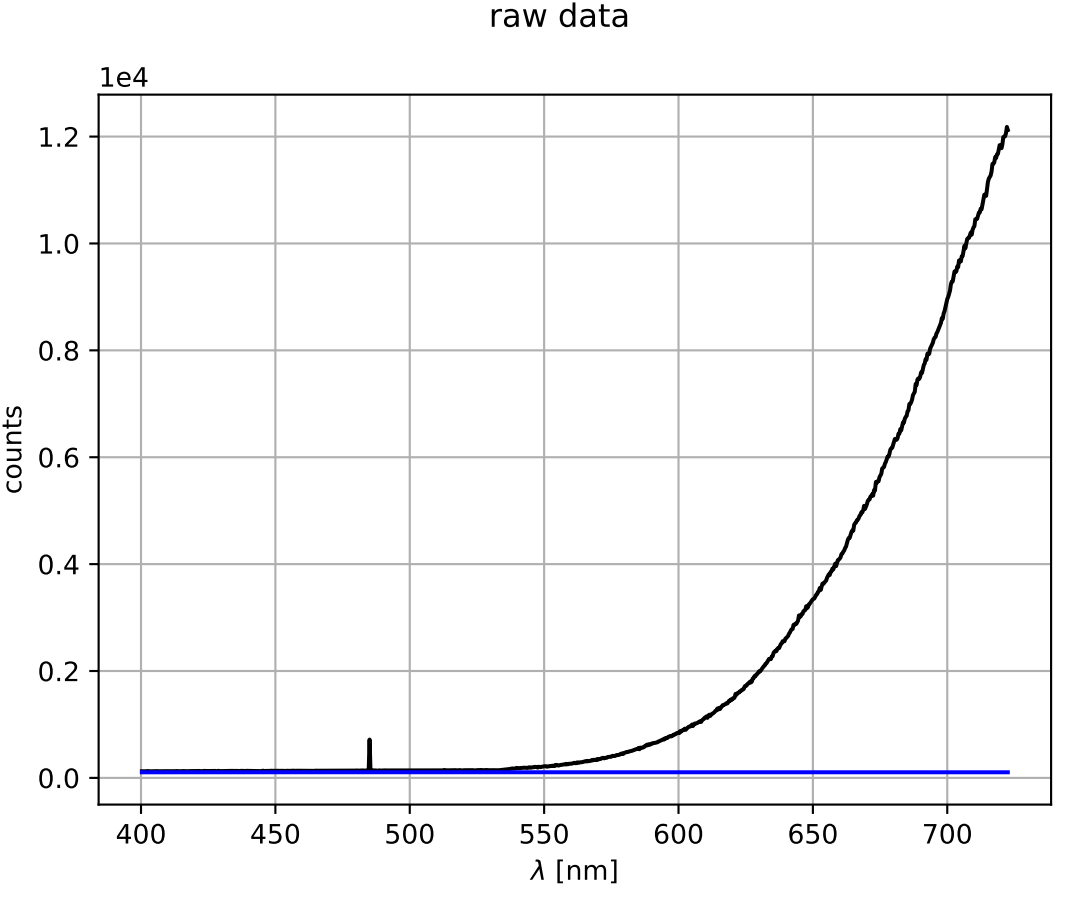

sensitivity
counts
100
80
60
40
20
0
400
450
500
550
600
λ [nm]

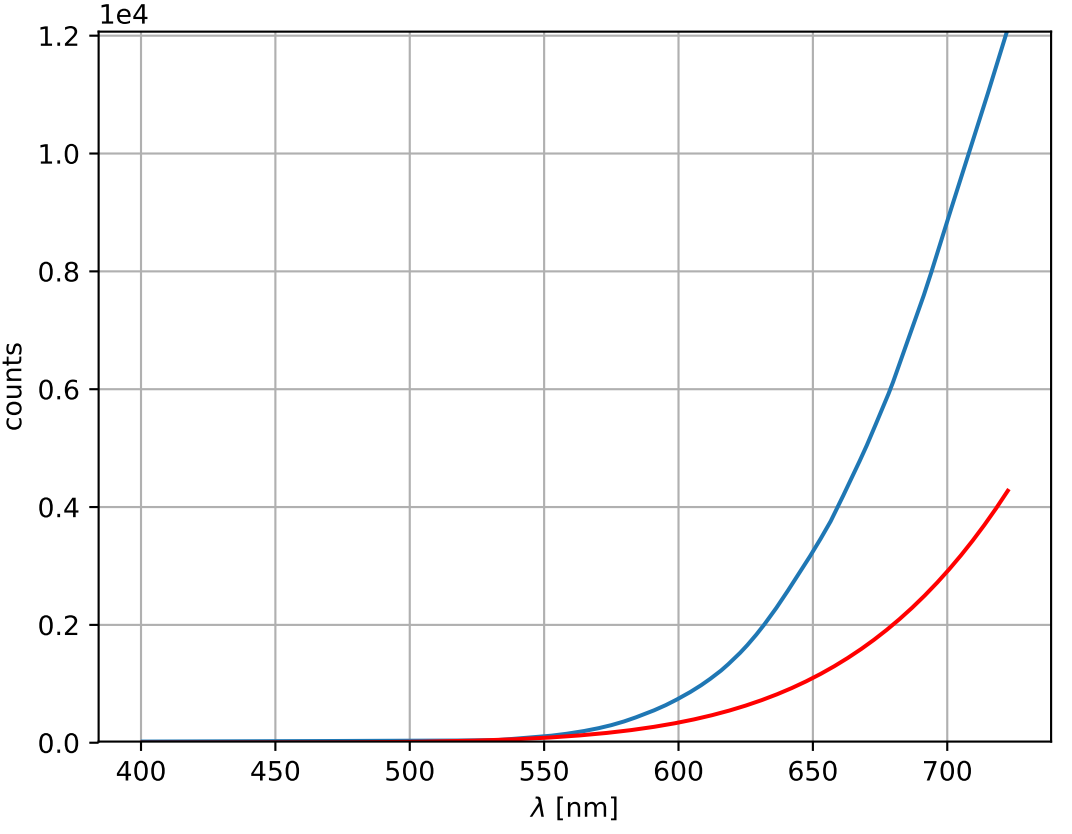

raw data
1e3
5
4
3
2
1
0
counts
400
450
500
550
600
650
λ [nm]

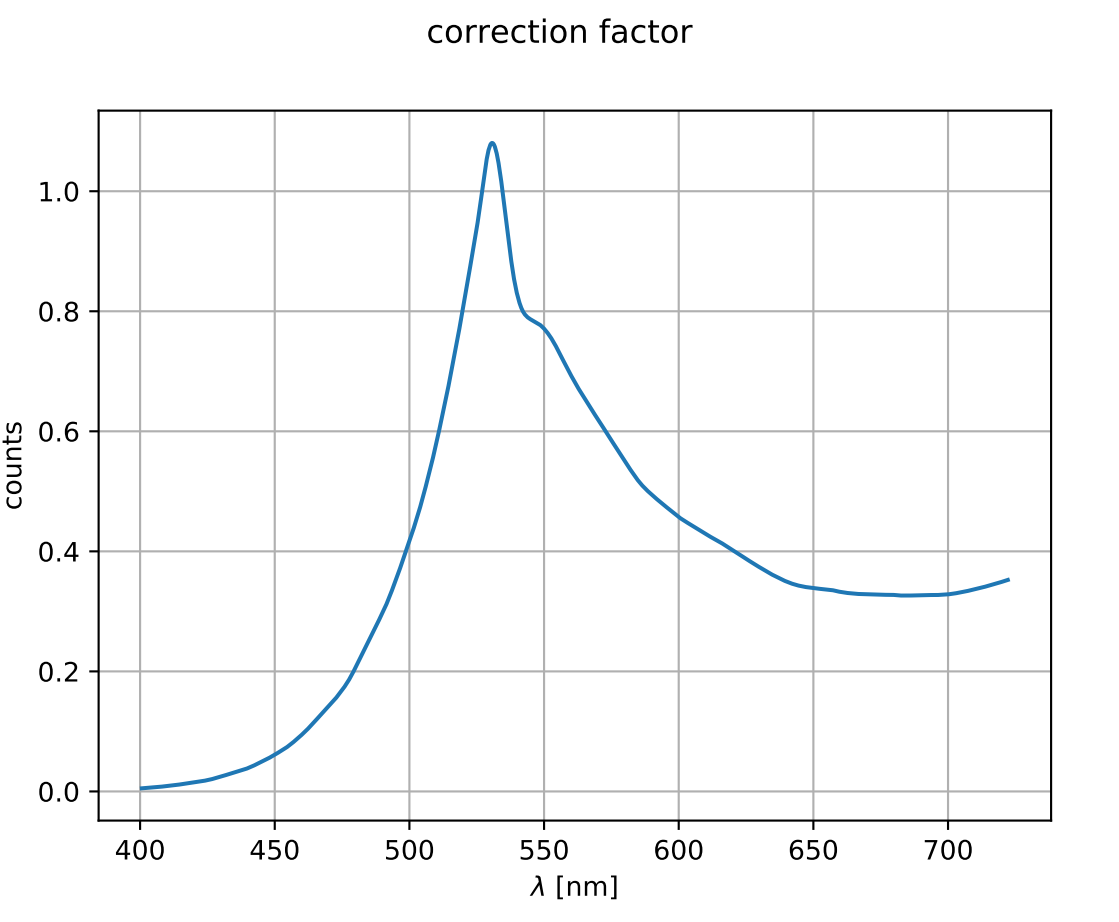

corrected data
1e3
5
4
3
2
1
counts
400
450
500
550
600
650
λ [nm]

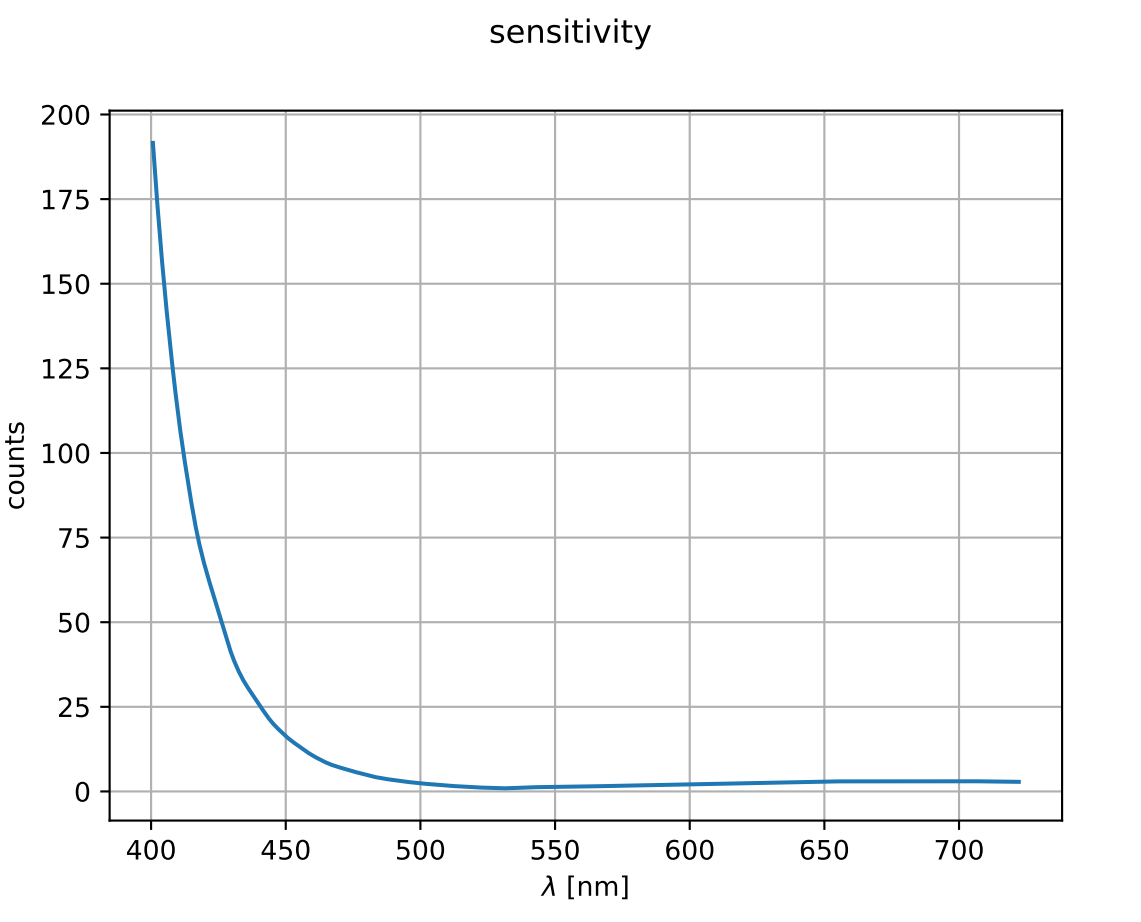

correction factor
counts
1.2
1.0
0.8
0.6
0.4
0.2
0.0
400
450
500
550
600
650
λ [nm]

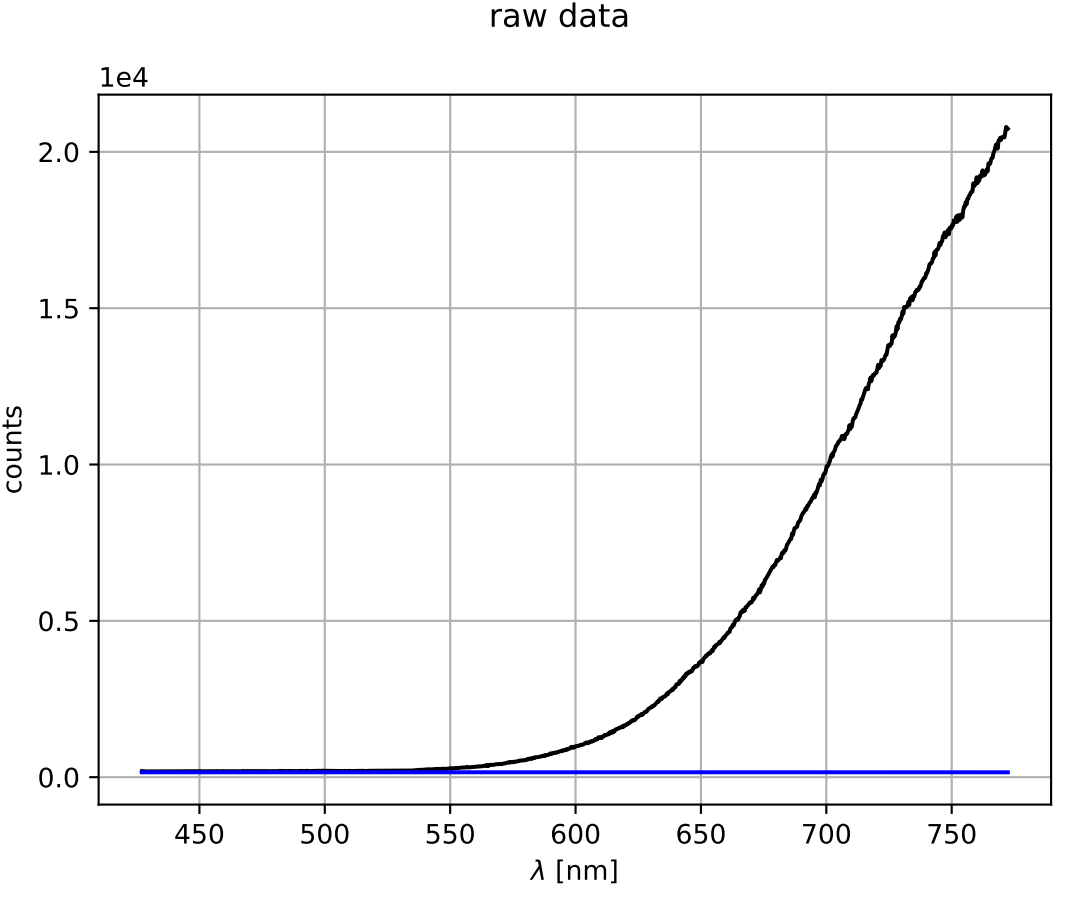

sensitivity
counts
160
140
120
100
80
60
40
20
0
400
450
500
550
600
650
λ [nm]

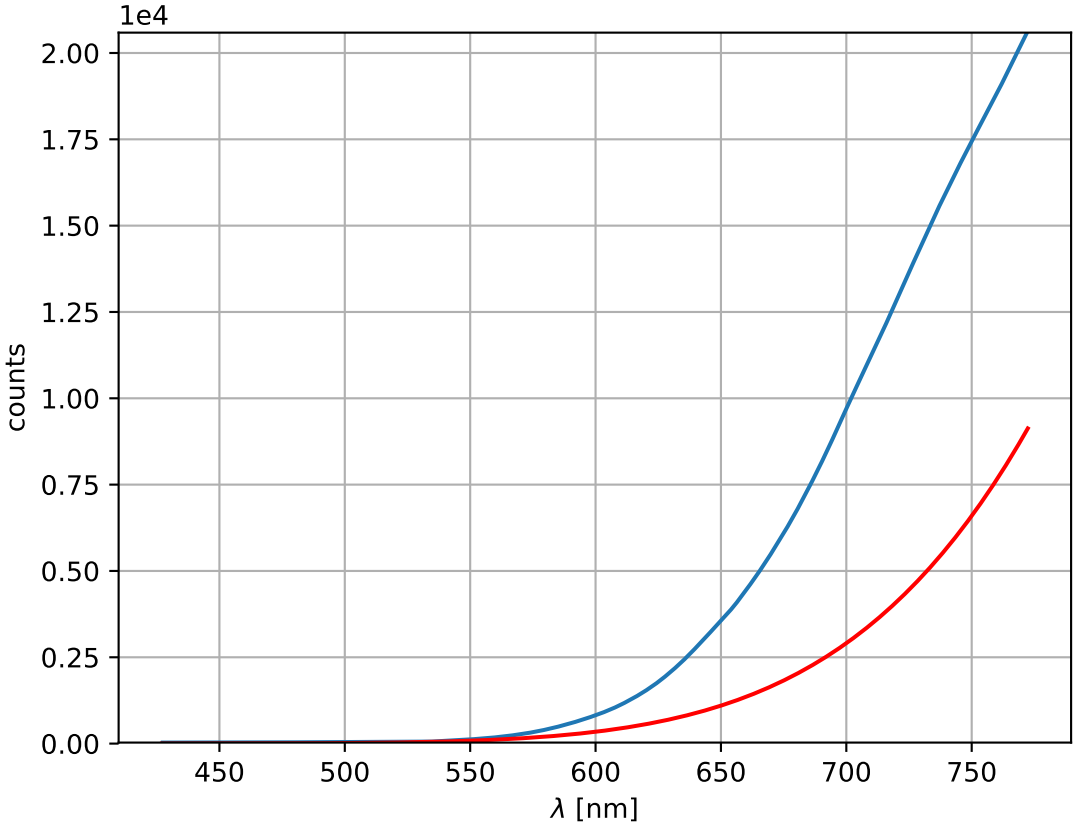

raw data
1e4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
counts
400
450
500
550
600
650
700
λ [nm]

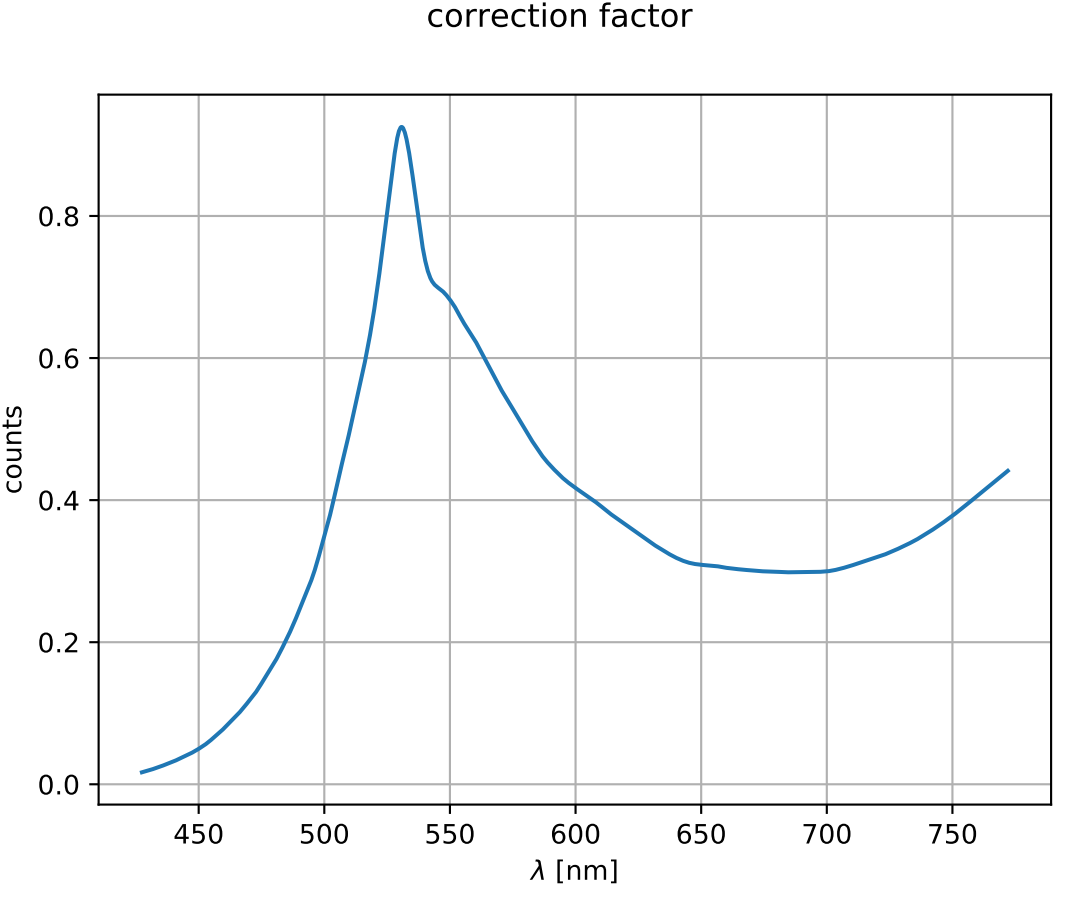

corrected data
1e4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
counts
400
450
500
550
600
650
700
λ [nm]

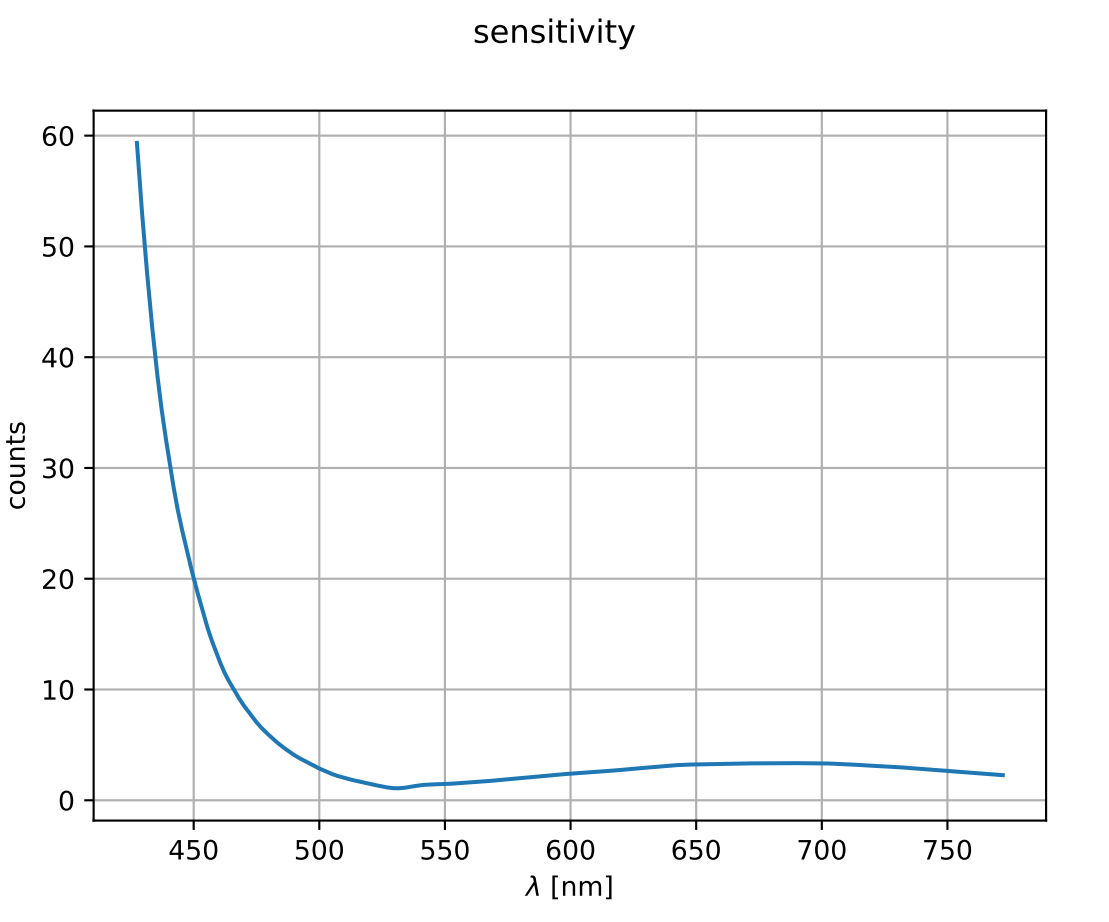

correction factor
counts
1.0
0.8
0.6
0.4
0.2
0.0
400
450
500
550
600
650
700
λ [nm]

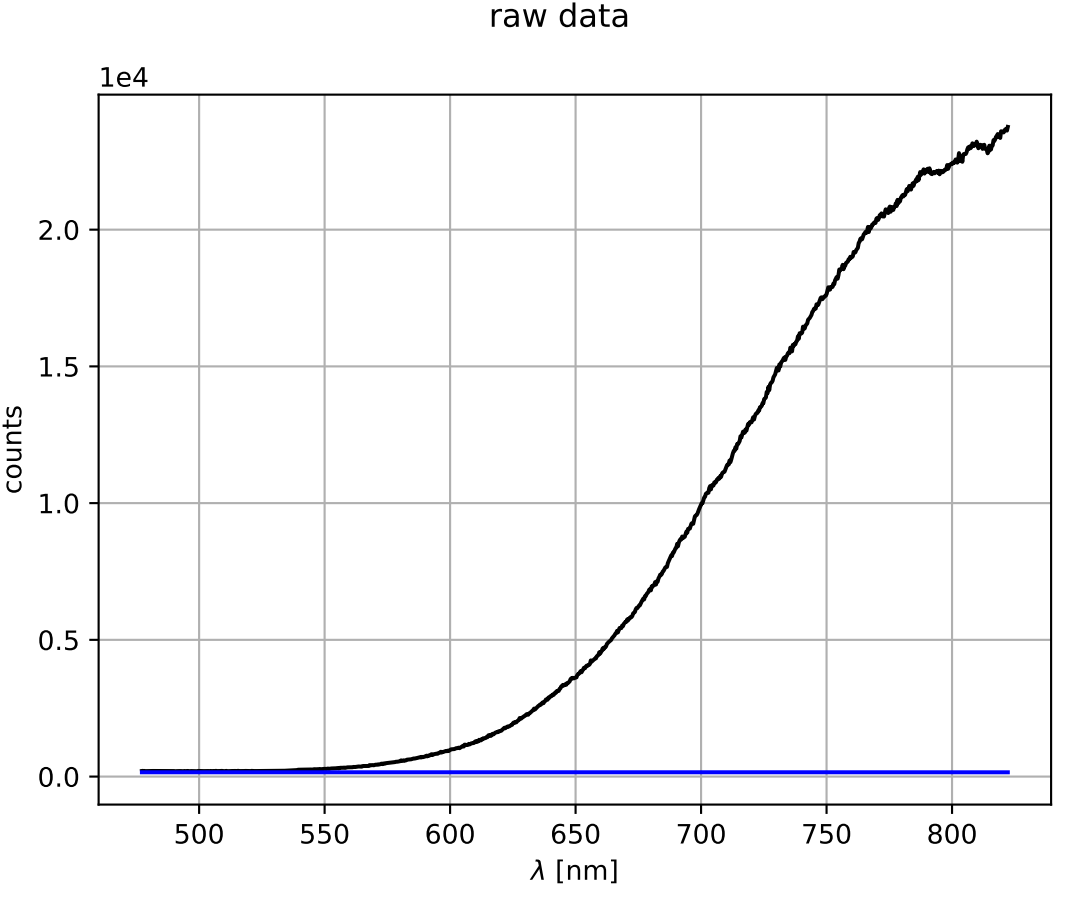

sensitivity
200
175
150
125
100
75
50
25
0
counts
400
450
500
550
600
650
700
λ [nm]

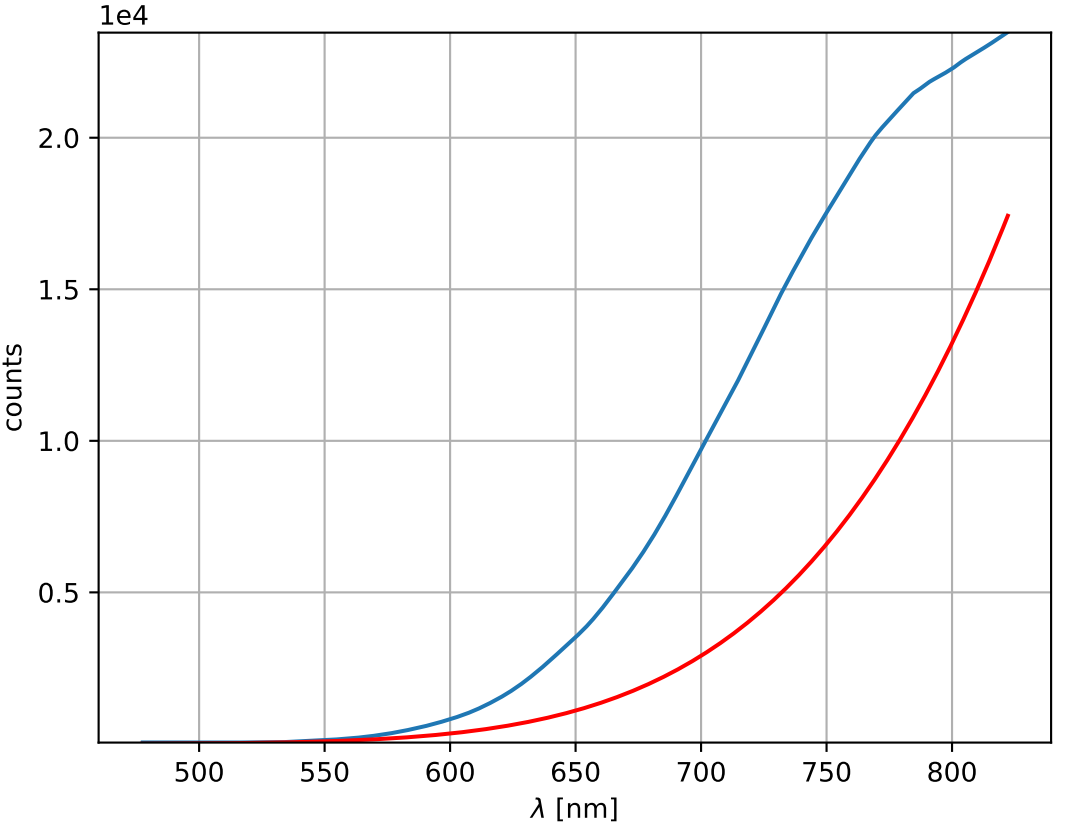

raw data
1e4
2.0
1.5
1.0
0.5
0.0
counts
450
500
550
600
650
700
750
λ [nm]

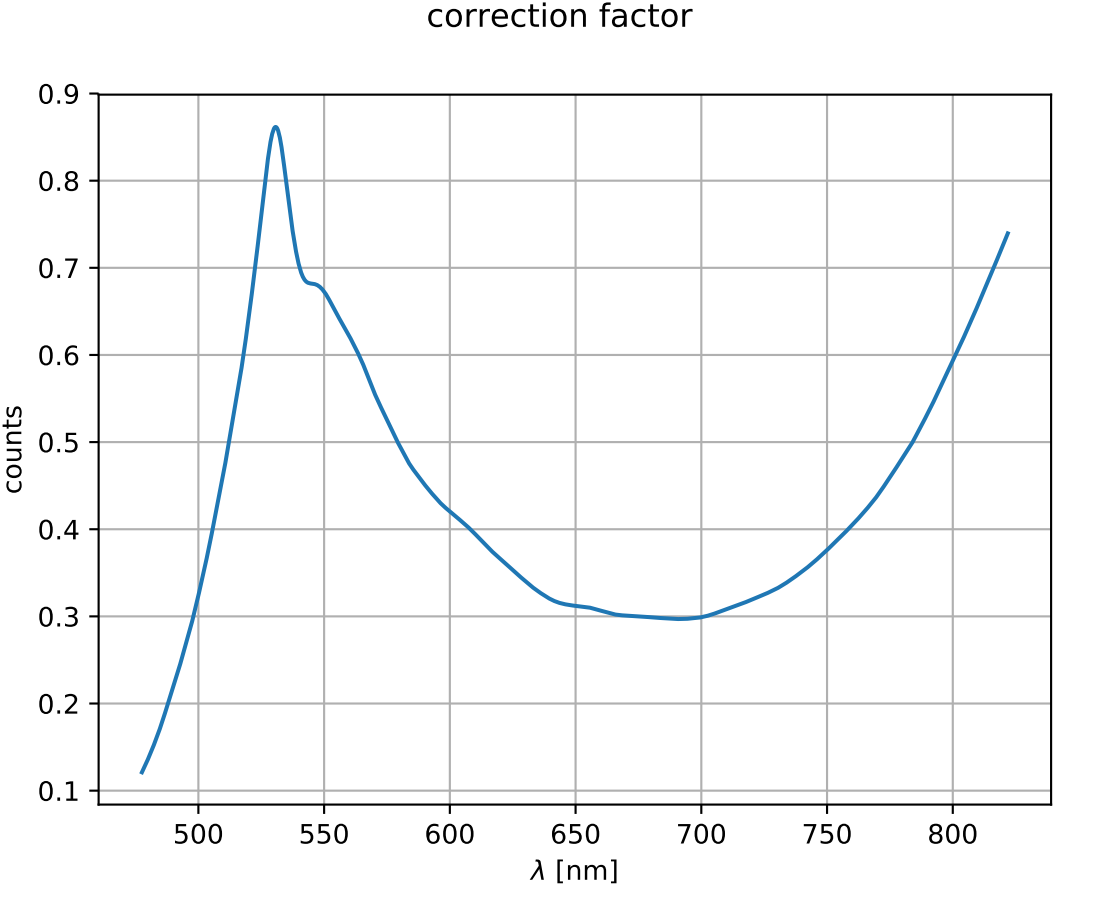

corrected data
1e4
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
counts
450
500
550
600
650
700
750
λ [nm]

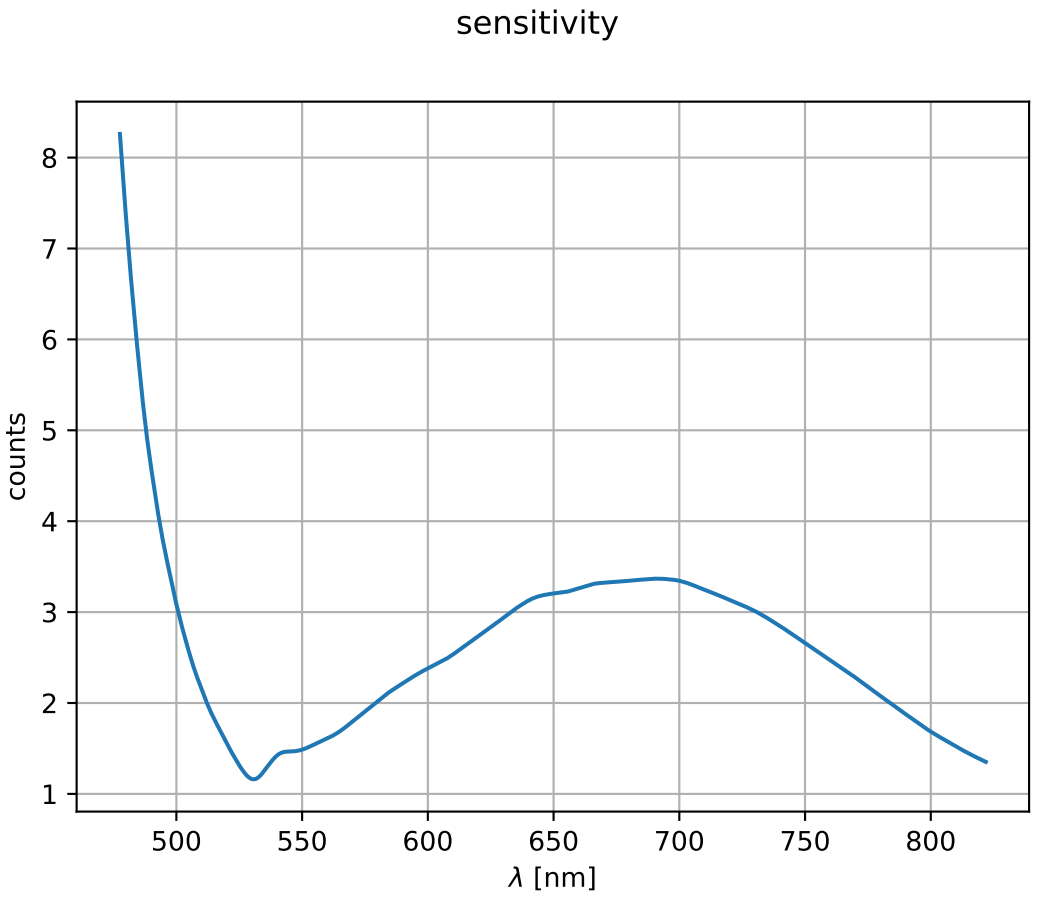

correction factor
counts
0.0
0.2
0.4
0.6
0.8
450
500
550
600
650
700
750
λ [nm]

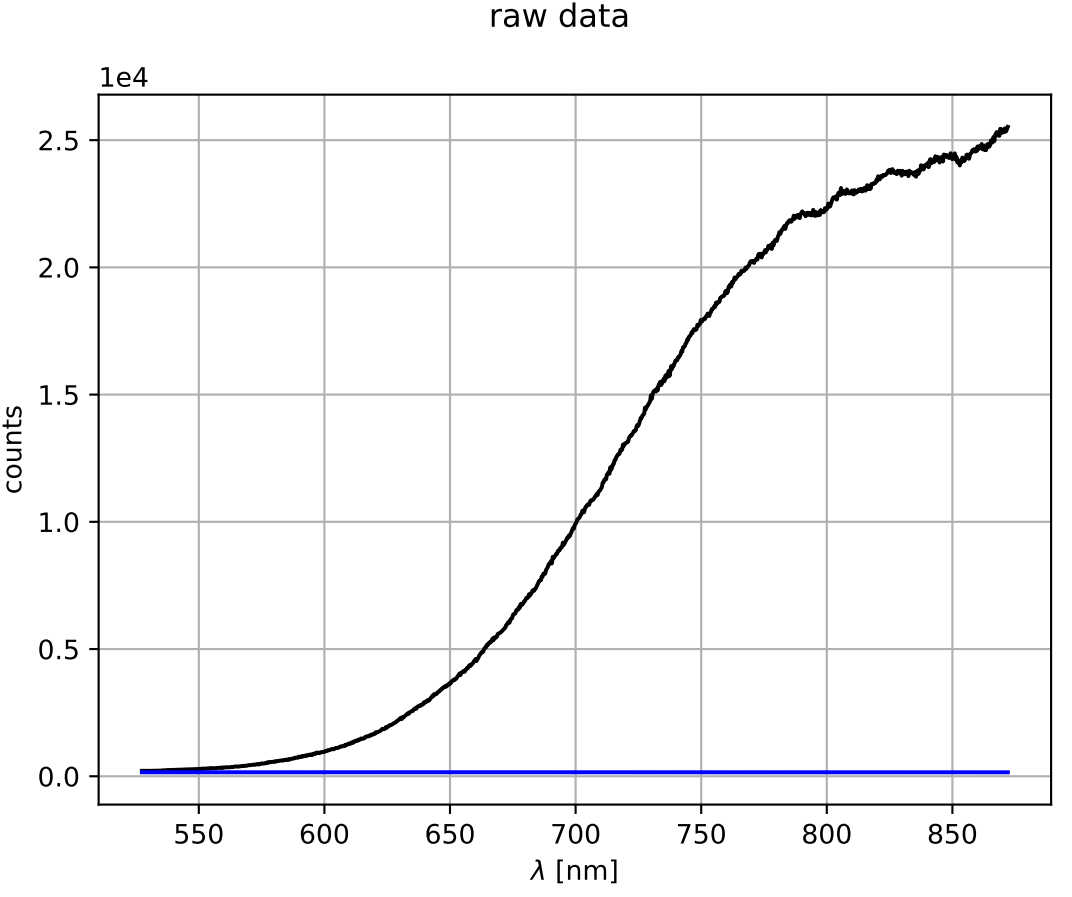

sensitivity
counts
60
50
40
30
20
10
0
450
500
550
600
650
700
750
λ [nm]

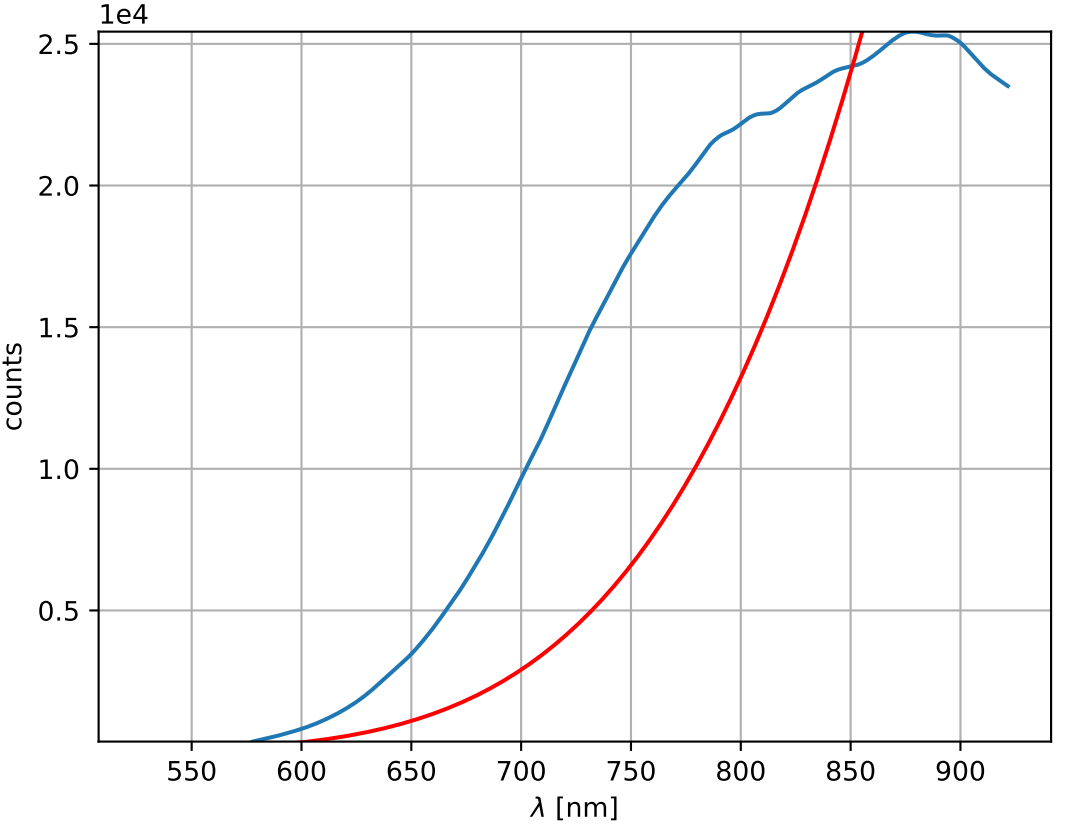

raw data
1e4
2.0
1.5
1.0
0.5
0.0
counts
500
550
600
650
700
750
800
λ [nm]

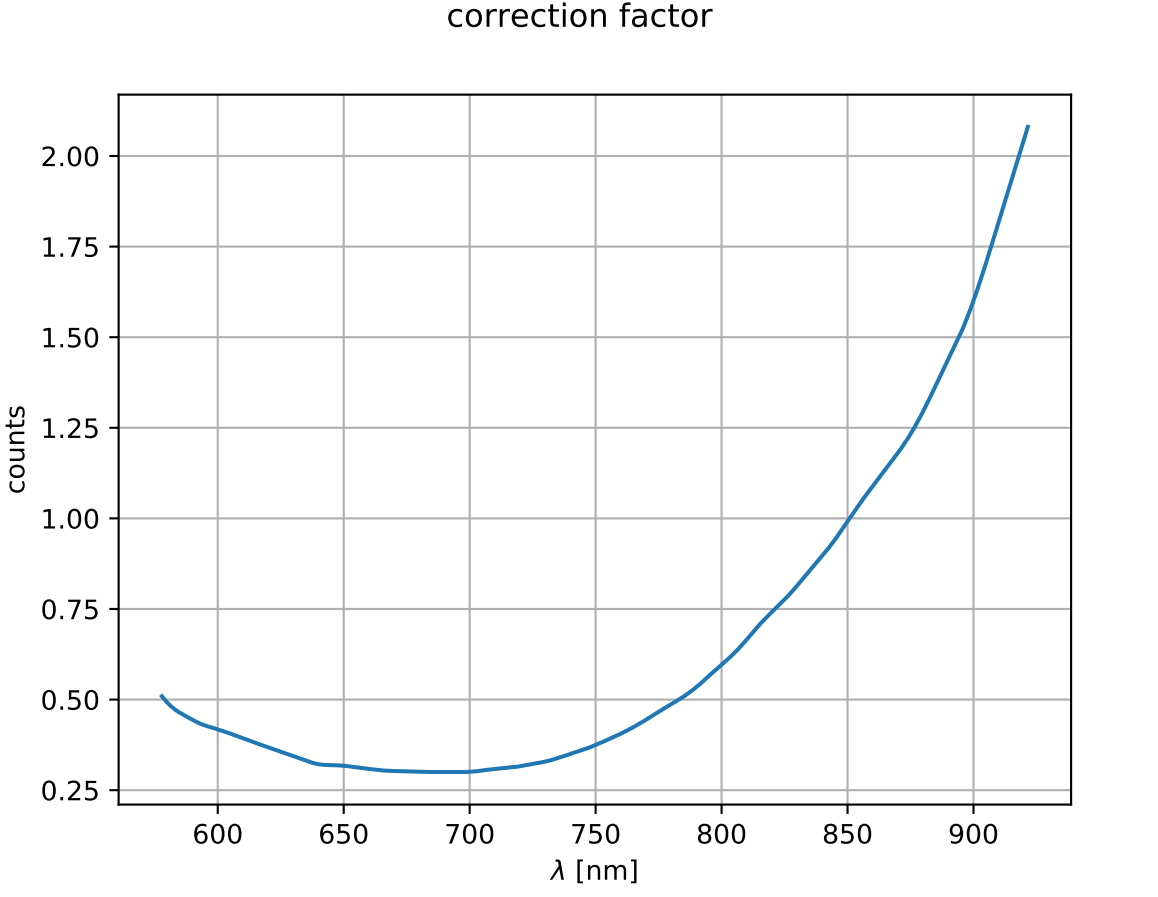

corrected data
1e4
2.0
1.5
1.0
0.5
counts
500
550
600
650
700
750
800
λ [nm]

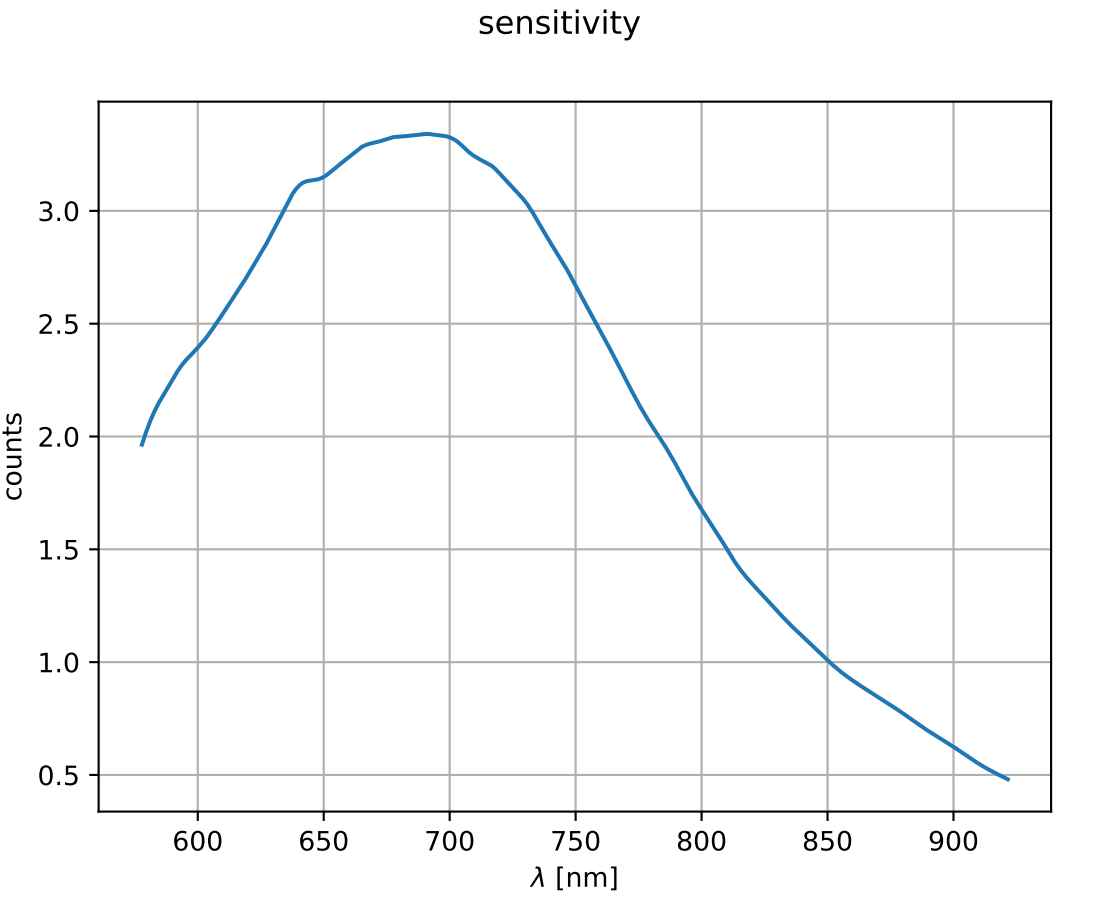

correction factor
counts
λ [nm]
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
500
550
600
650
700
750
800

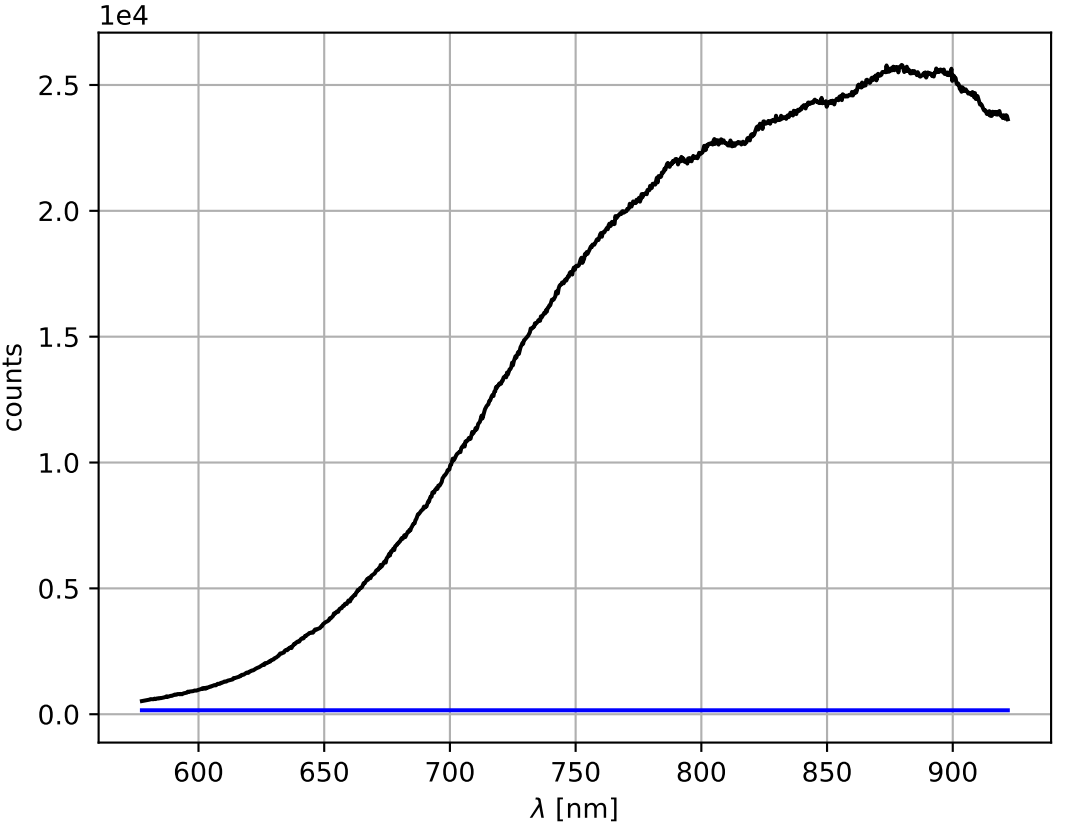

sensitivity
counts
λ [nm]
1
2
3
4
5
6
7
8
500
550
600
650
700
750
800

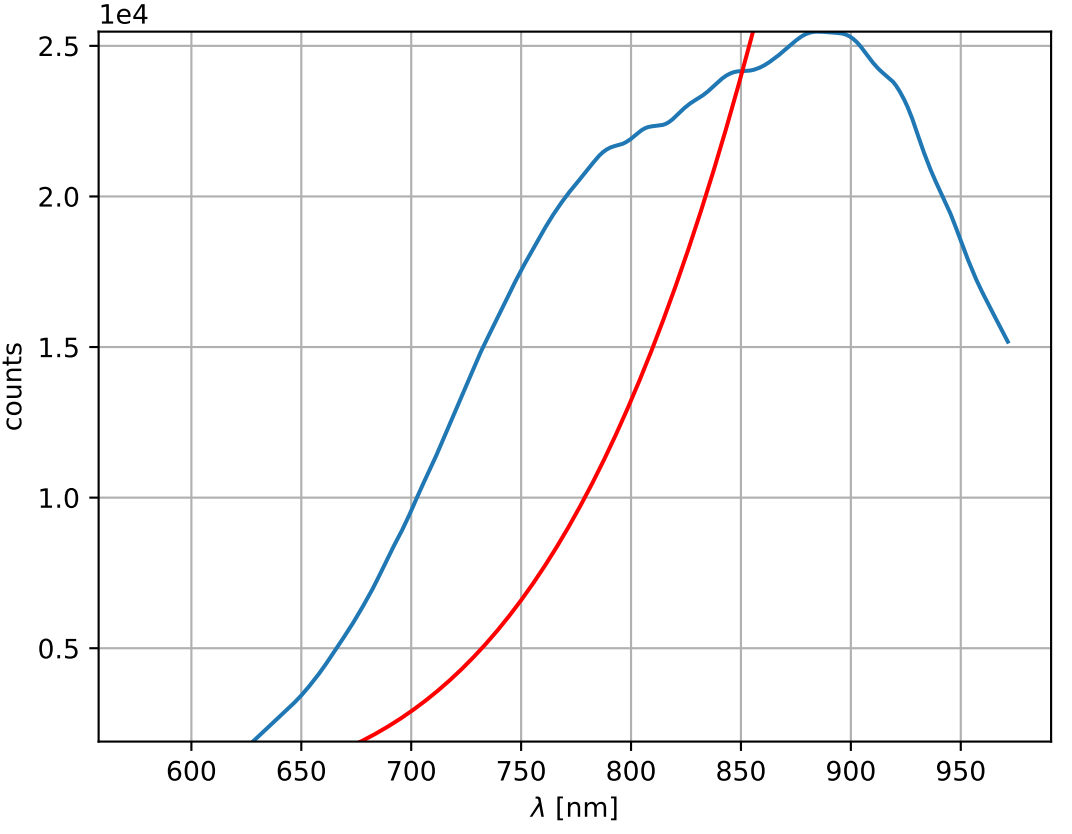

raw data
1e4
2.5
2.0
1.5
1.0
0.5
0.0
counts
550
600
650
700
750
800
850
λ [nm]

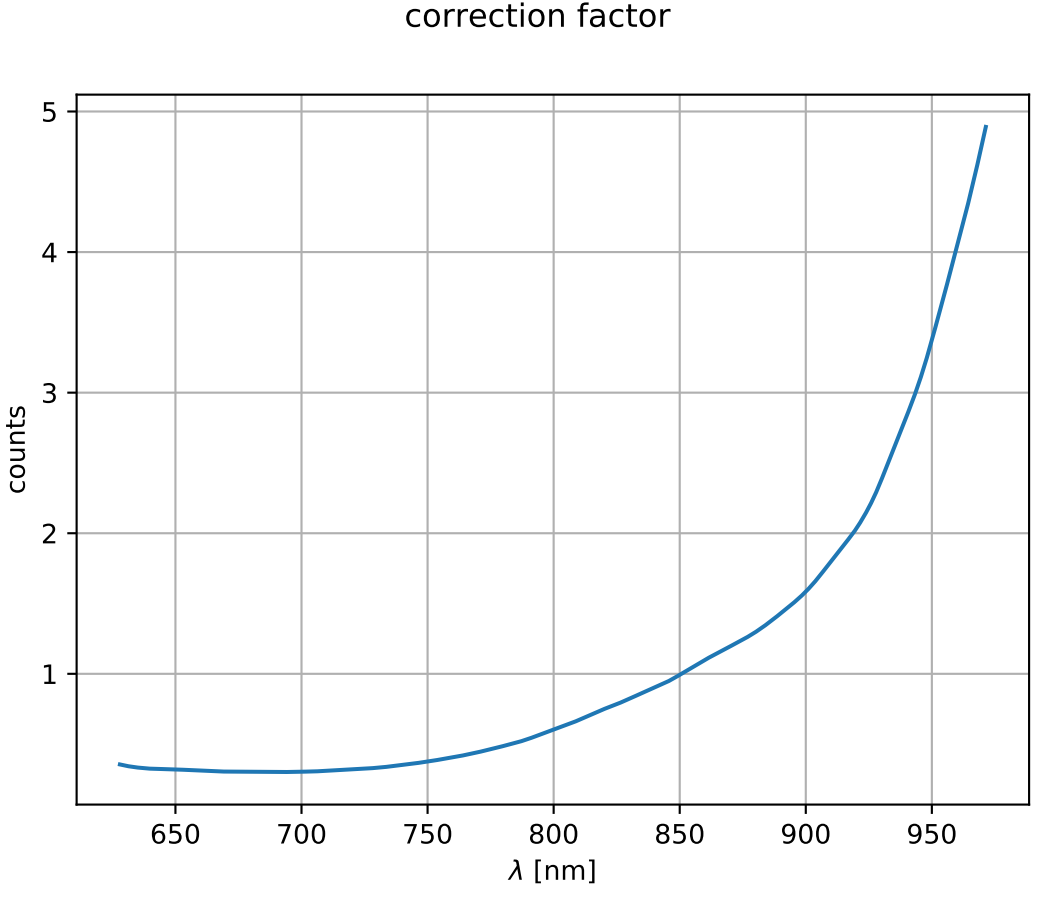

corrected data
1e4
2.5
2.0
1.5
1.0
0.5
counts
550
600
650
700
750
800
850
900
λ [nm]

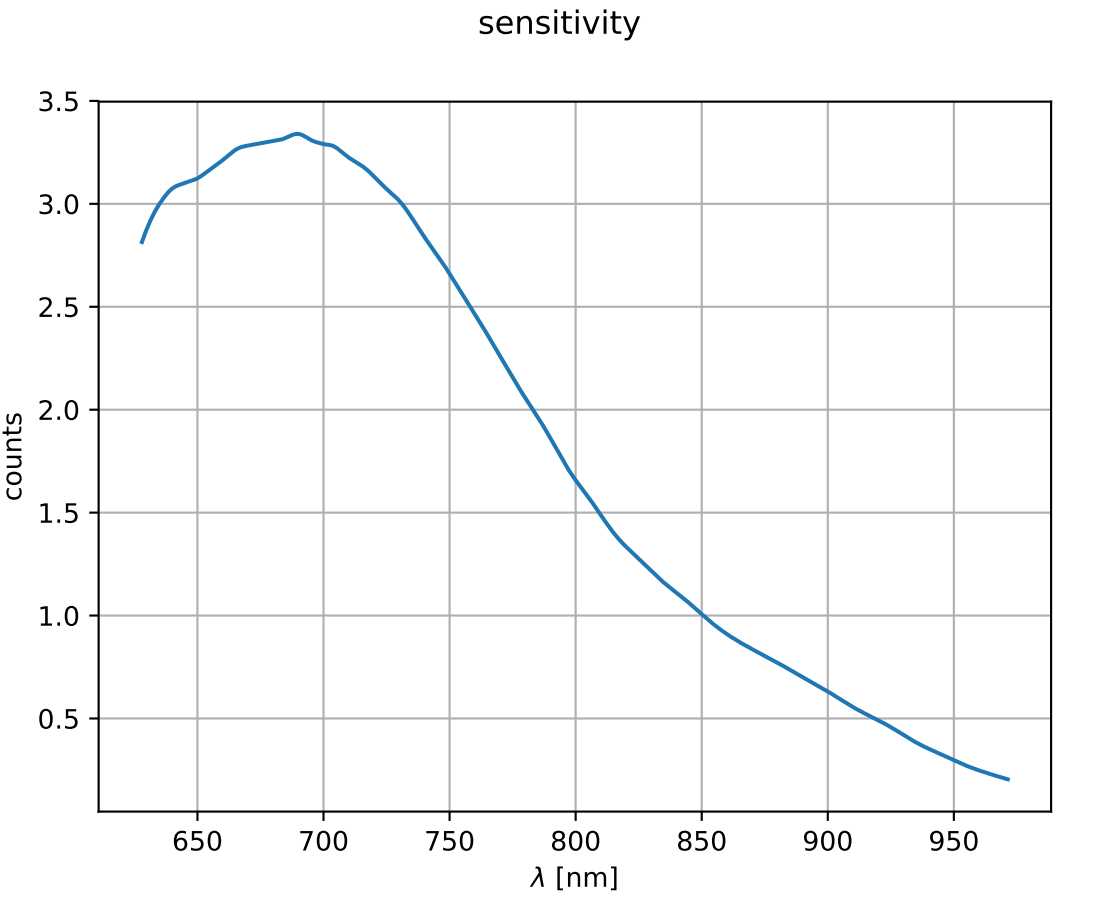

correction factor
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
600
650
700
750
800
850
900
λ [nm]

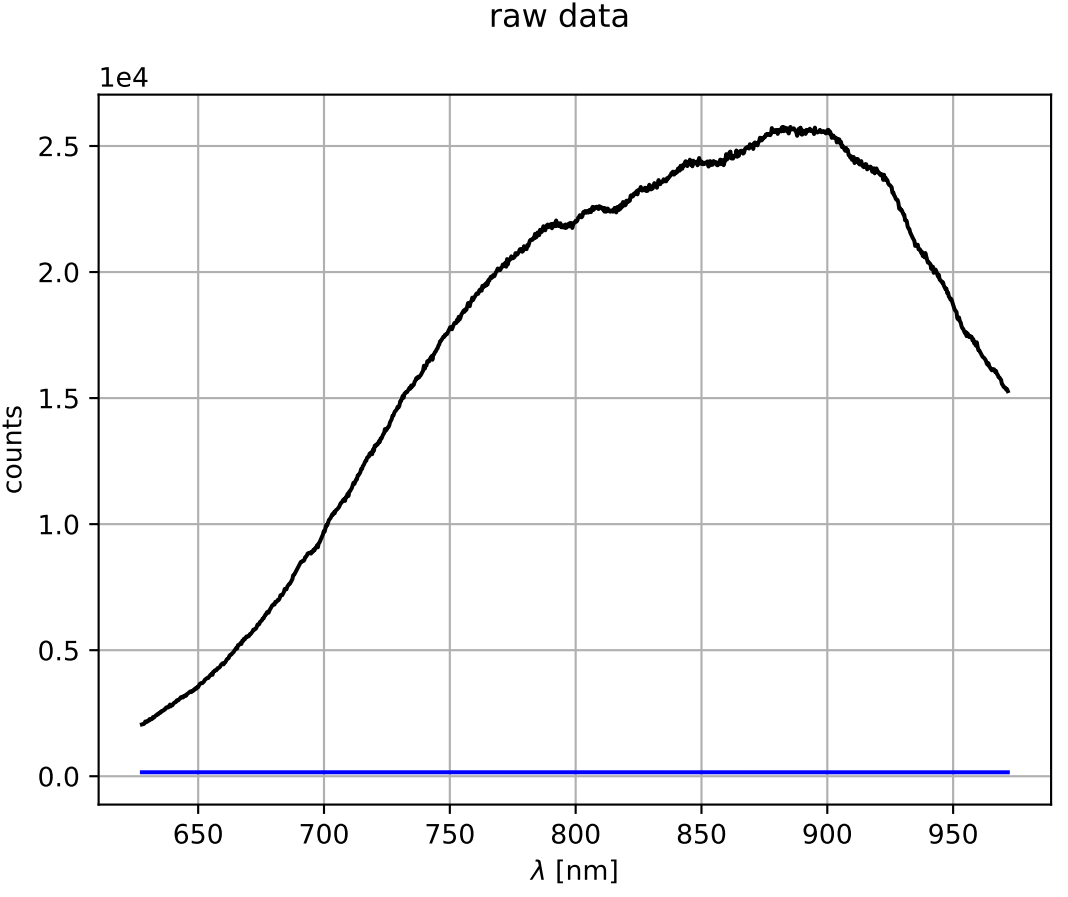

sensitivity
counts
3.0
2.5
2.0
1.5
1.0
0.5
600
650
700
750
800
850
900
λ [nm]

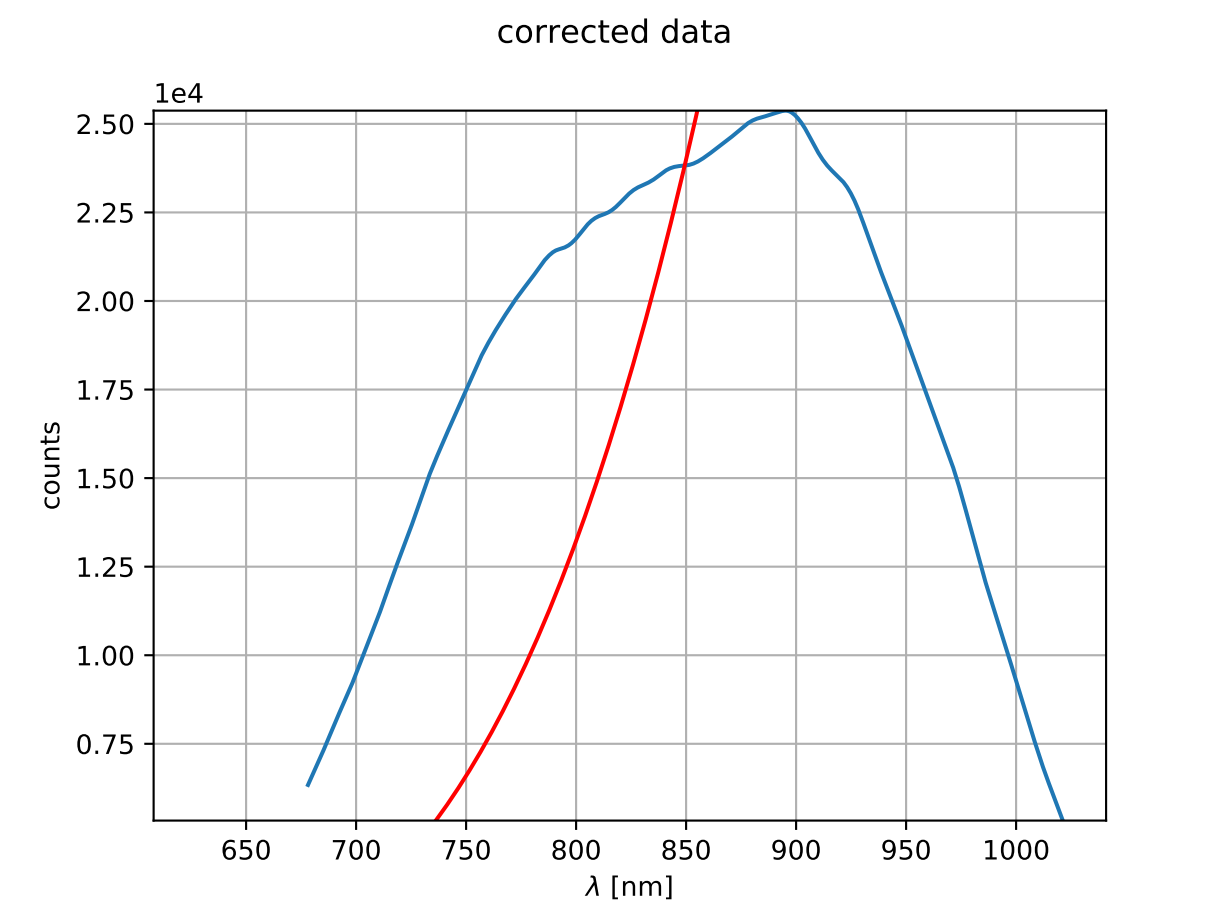

raw data
1e4
2.5
2.0
1.5
1.0
0.5
0.0
counts
600
650
700
750
800
850
900
λ [nm]

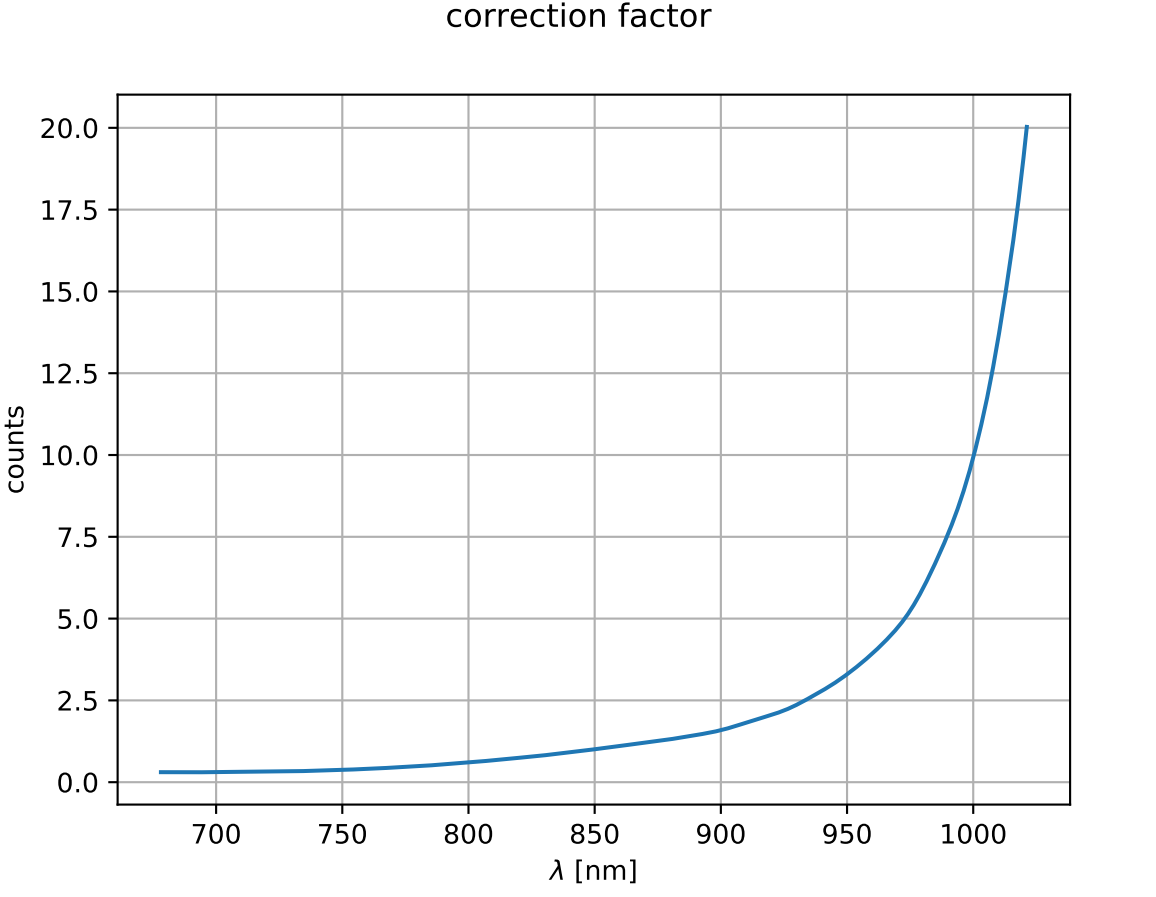

corrected data
1e4
2.5
2.0
1.5
1.0
0.5
counts
600
650
700
750
800
850
900
950
λ [nm]

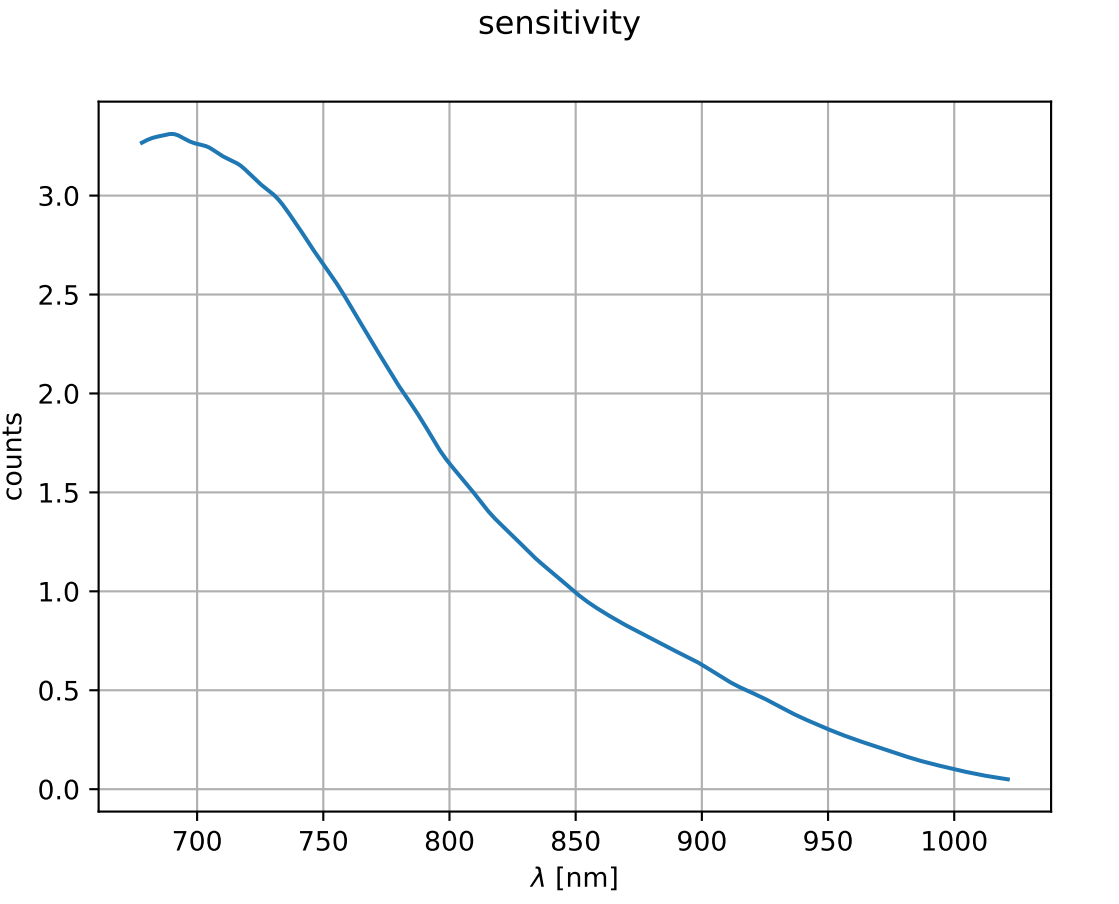

correction factor
counts
5
4
3
2
1
650
700
750
800
850
900
950
λ [nm]

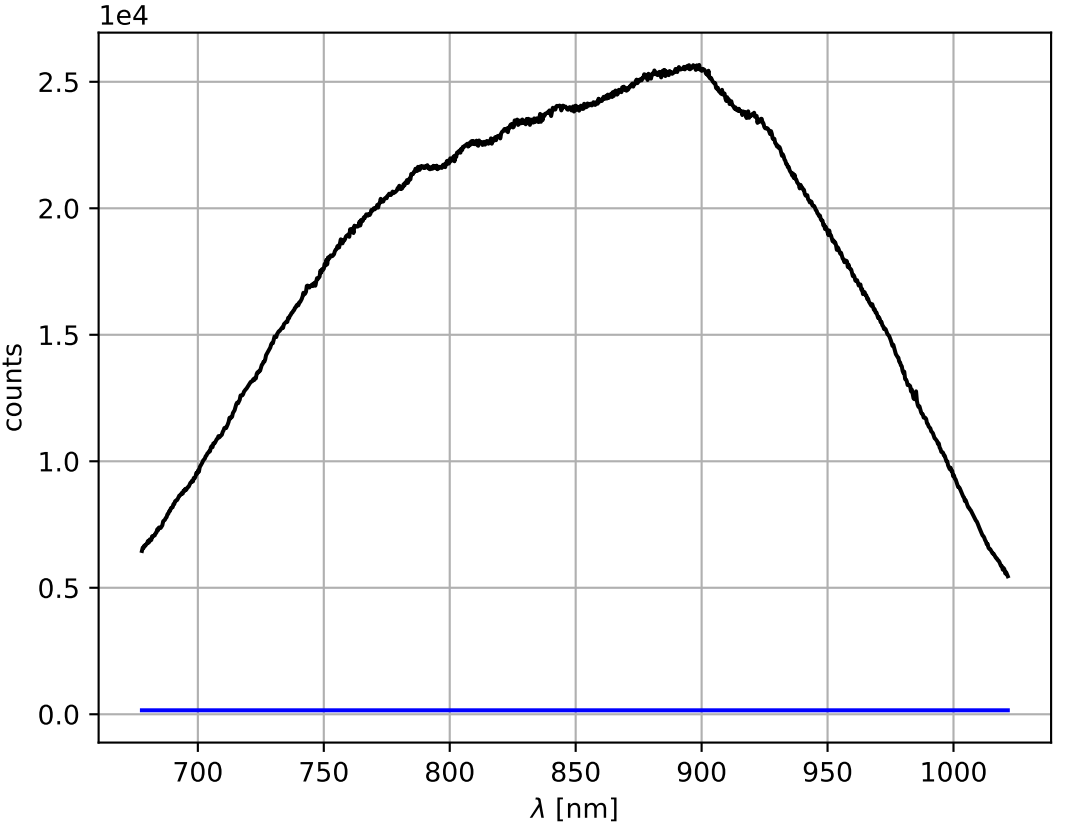

sensitivity
3.5
3.0
2.5
2.0
1.5
1.0
0.5
counts
650
700
750
800
850
900
950
λ [nm]

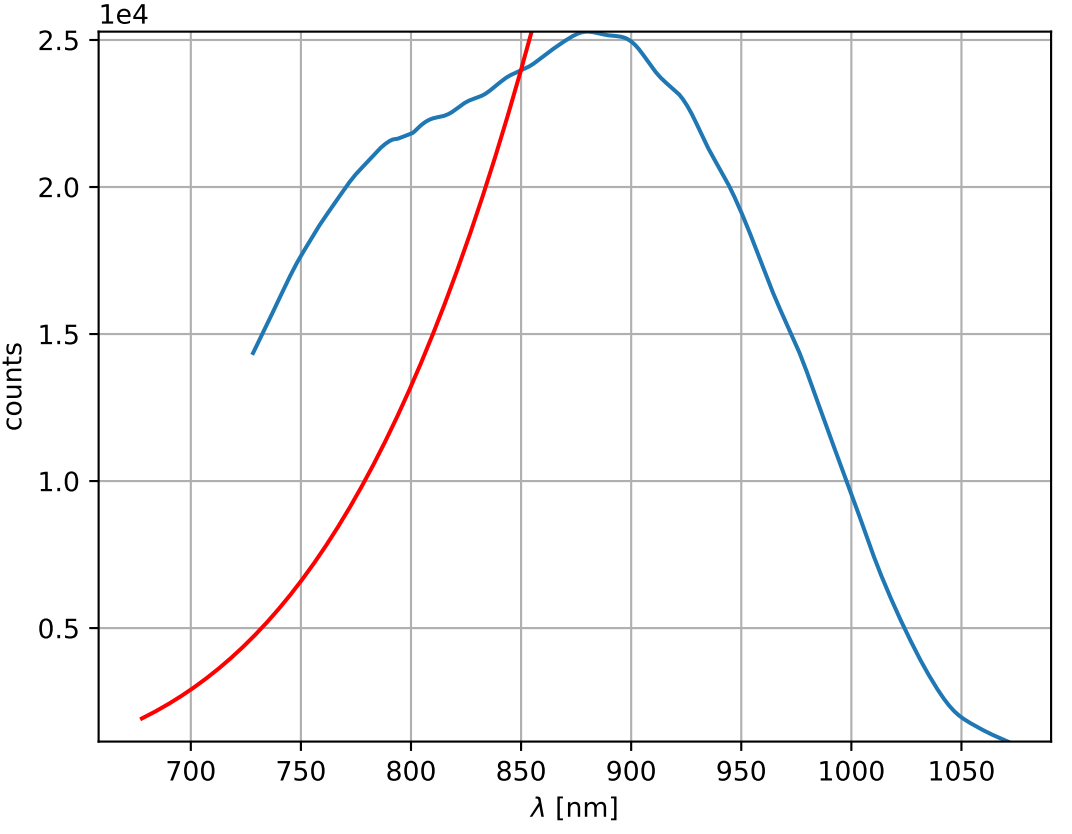

raw data
1e4
2.5
2.0
1.5
1.0
0.5
0.0
counts
650
700
750
800
850
900
950
λ [nm]

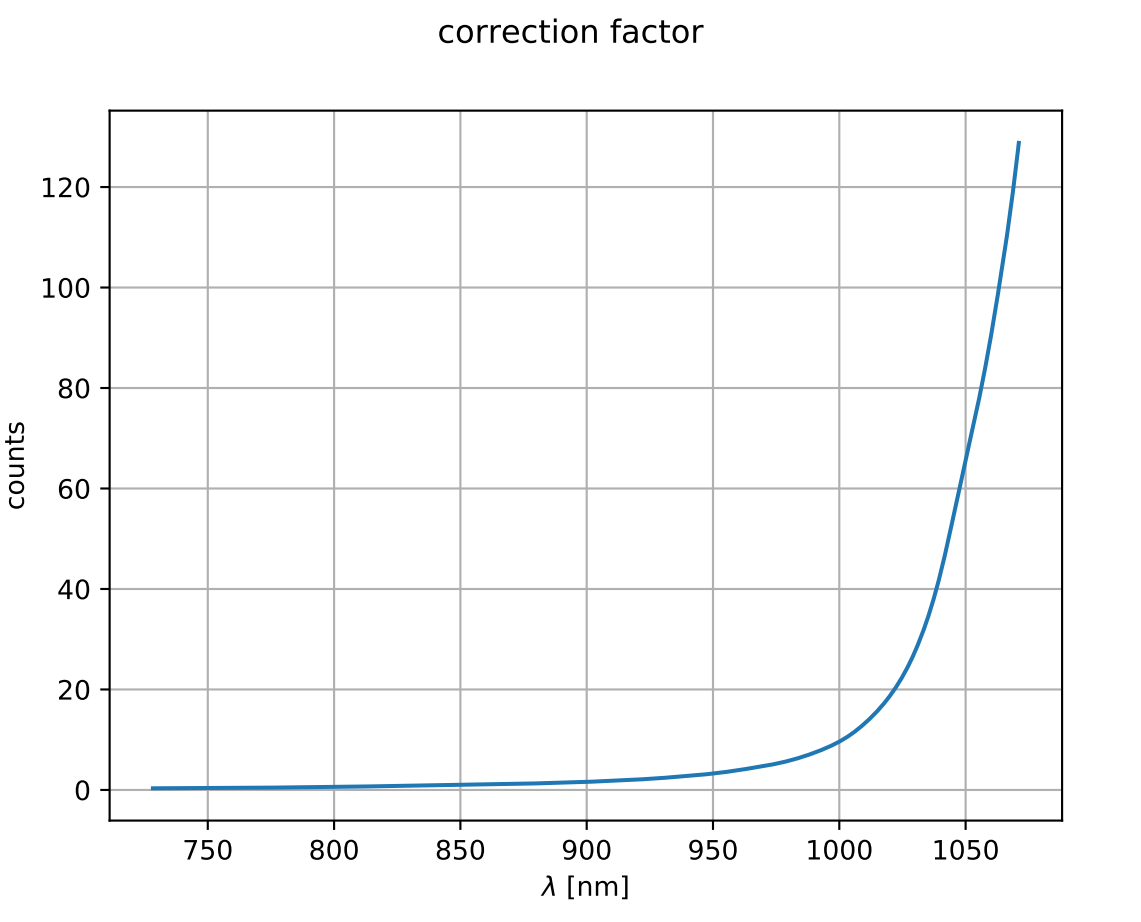

corrected data
1e4
2.50
2.25
2.00
1.75
1.50
1.25
1.00
0.75
counts
650
700
750
800
850
900
950
1000
λ [nm]

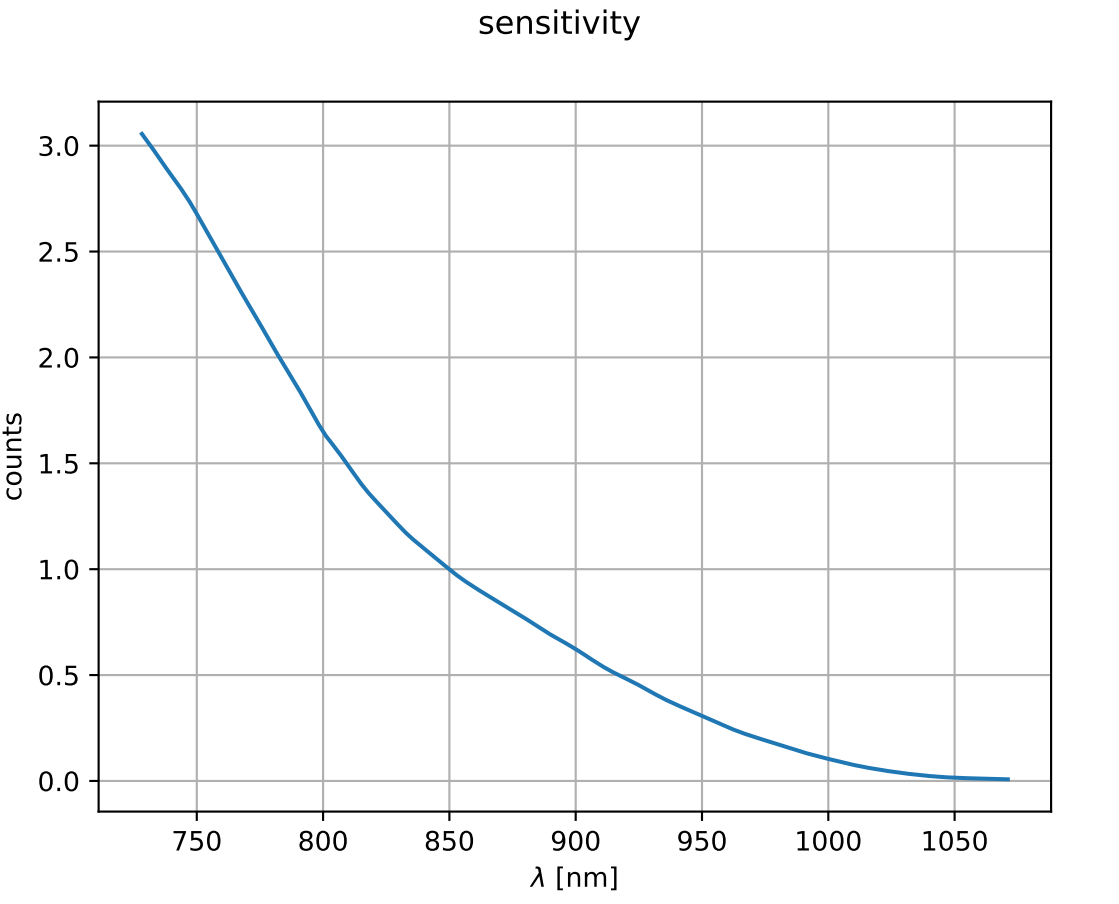

correction factor
counts
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
700
750
800
850
900
950
1000
λ [nm]

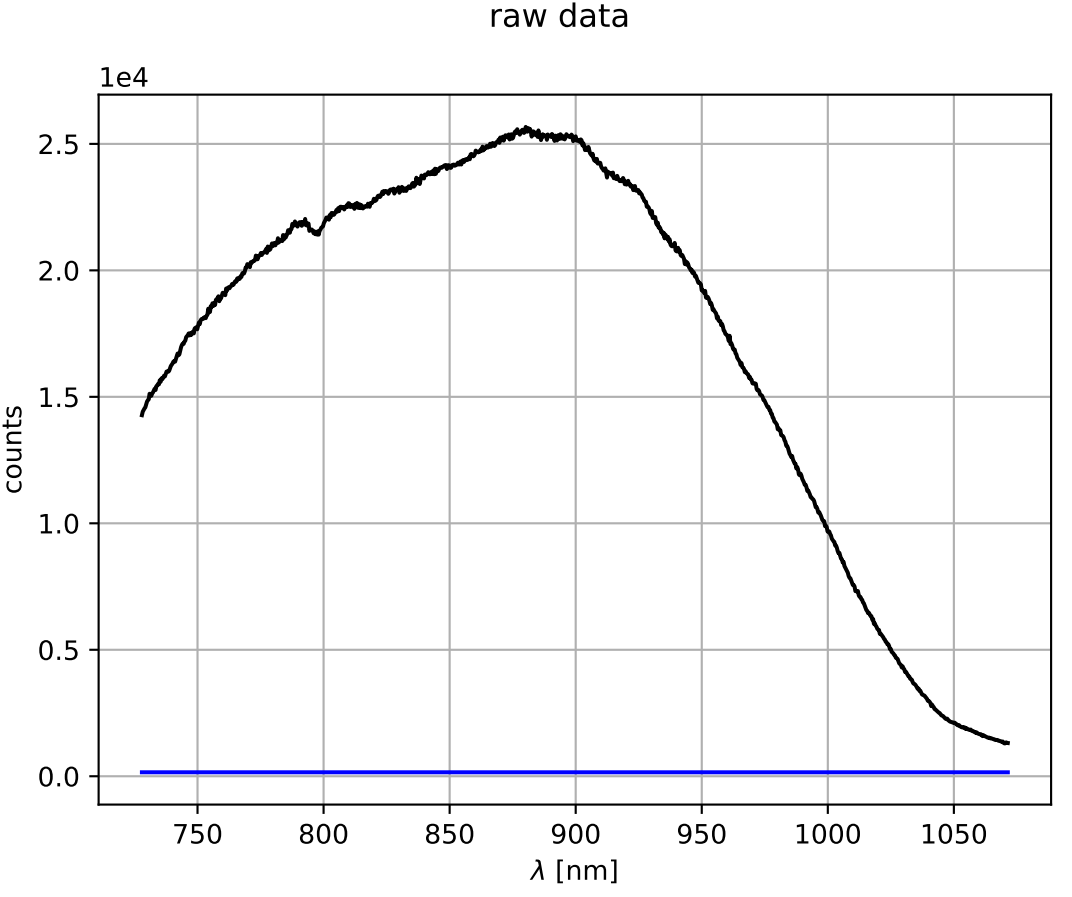

sensitivity
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
700
750
800
850
900
950
1000
λ [nm]

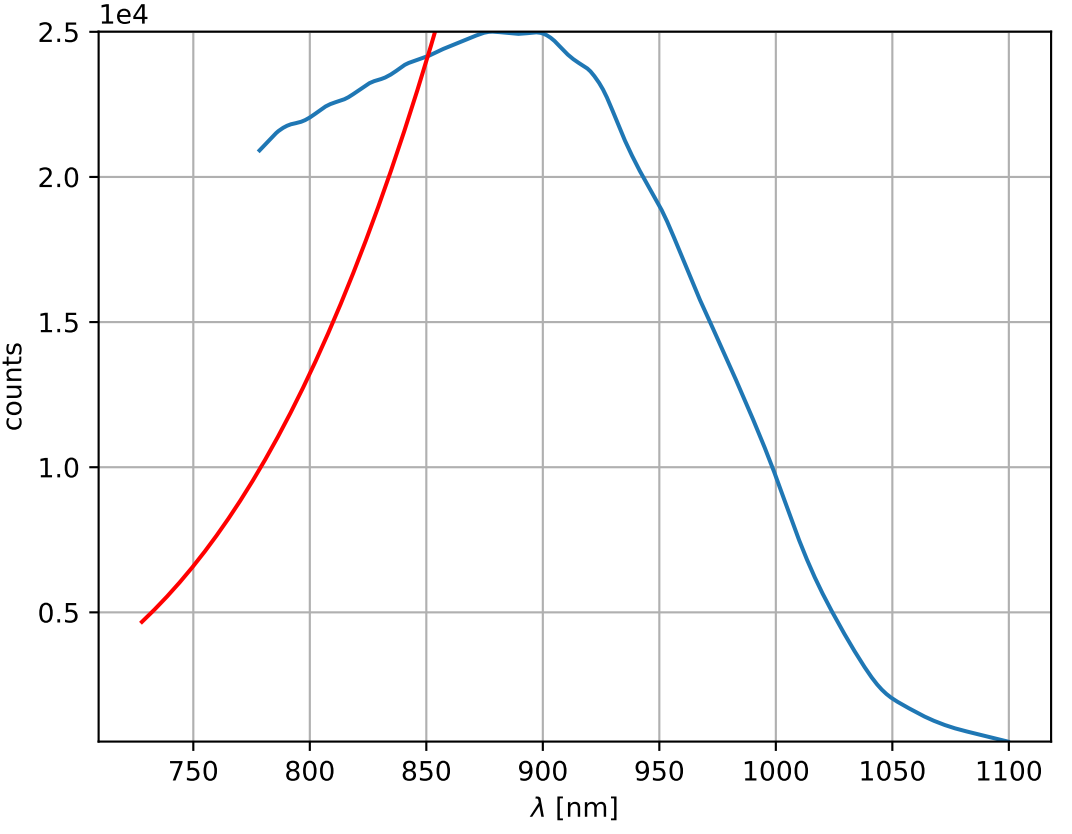

raw data
1e4
2.5
2.0
1.5
1.0
0.5
0.0
counts
700
750
800
850
900
950
1000
λ [nm]

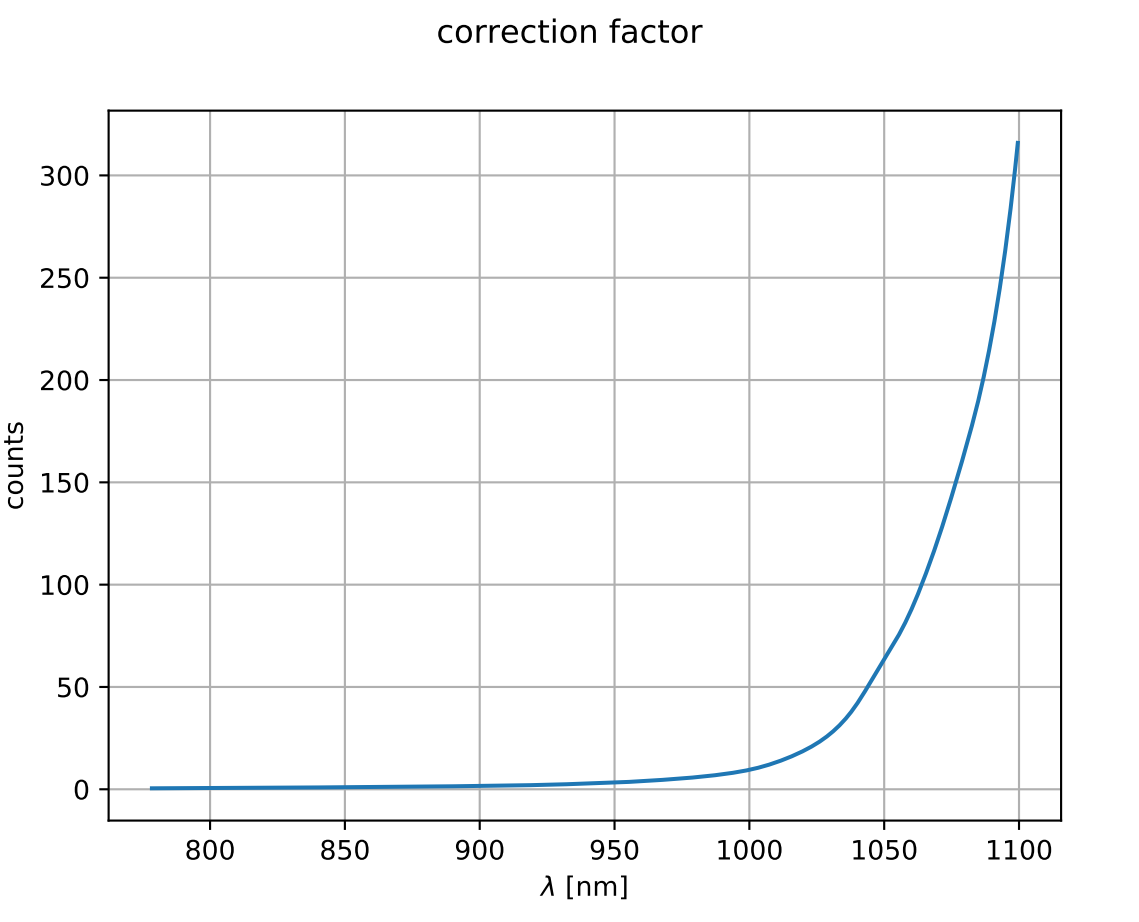

corrected data
1e4
2.5
2.0
1.5
1.0
0.5
counts
700
750
800
850
900
950
1000
1050
λ [nm]

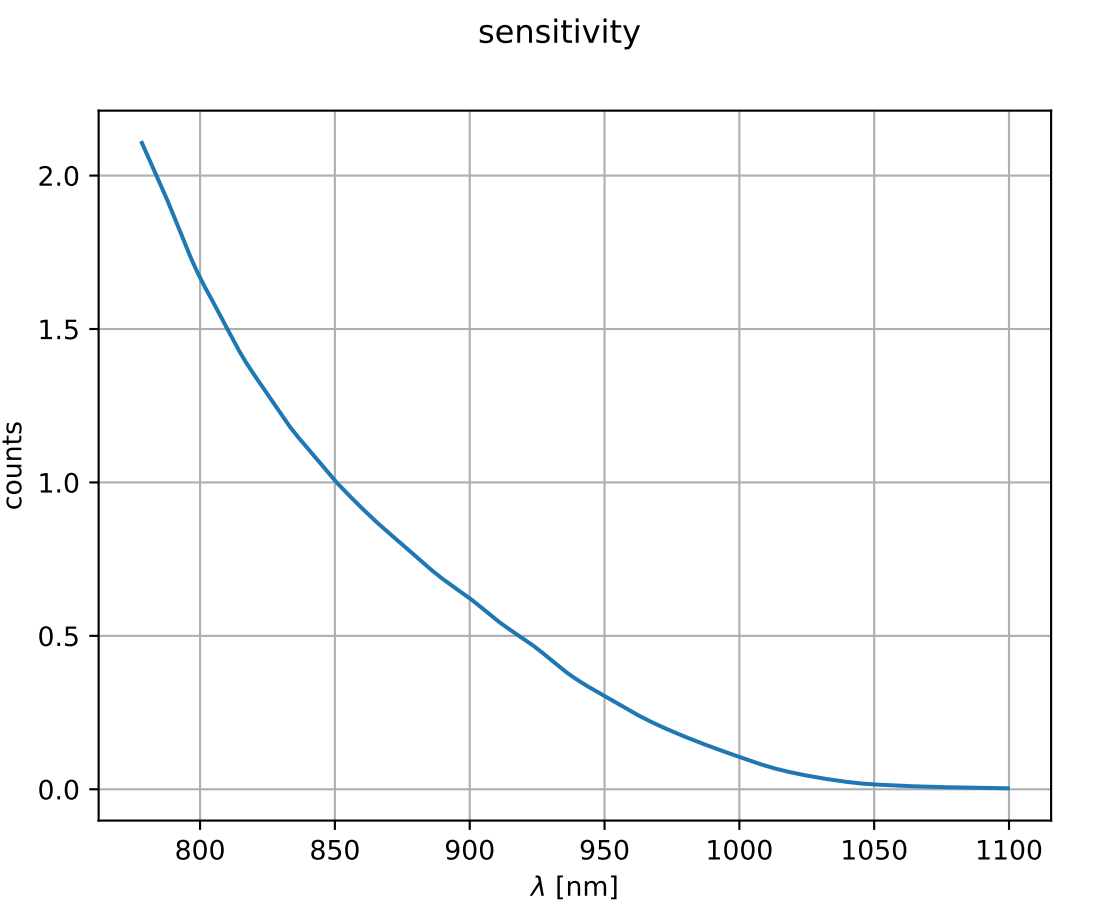

correction factor
counts
120
100
80
60
40
20
0
750
800
850
900
950
1000
1050
λ [nm]

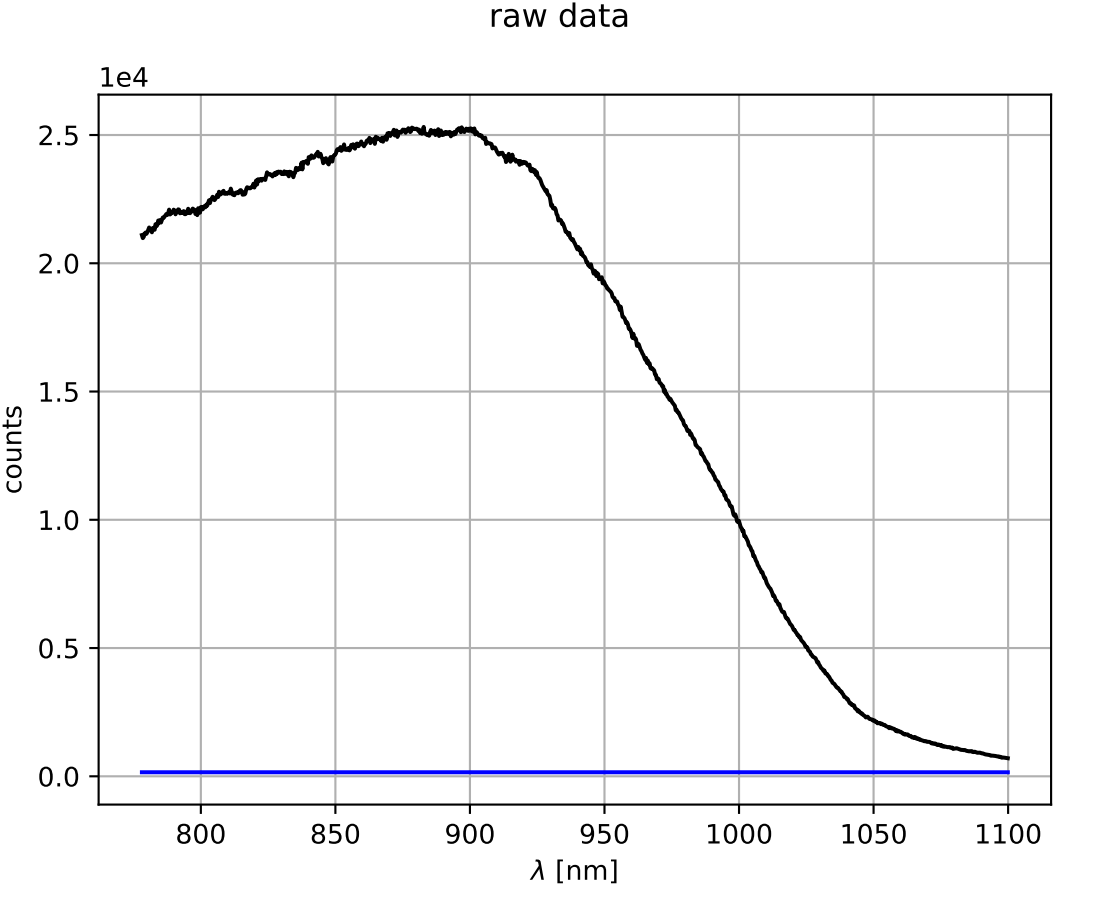

sensitivity
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
750
800
850
900
950
1000
1050
λ [nm]

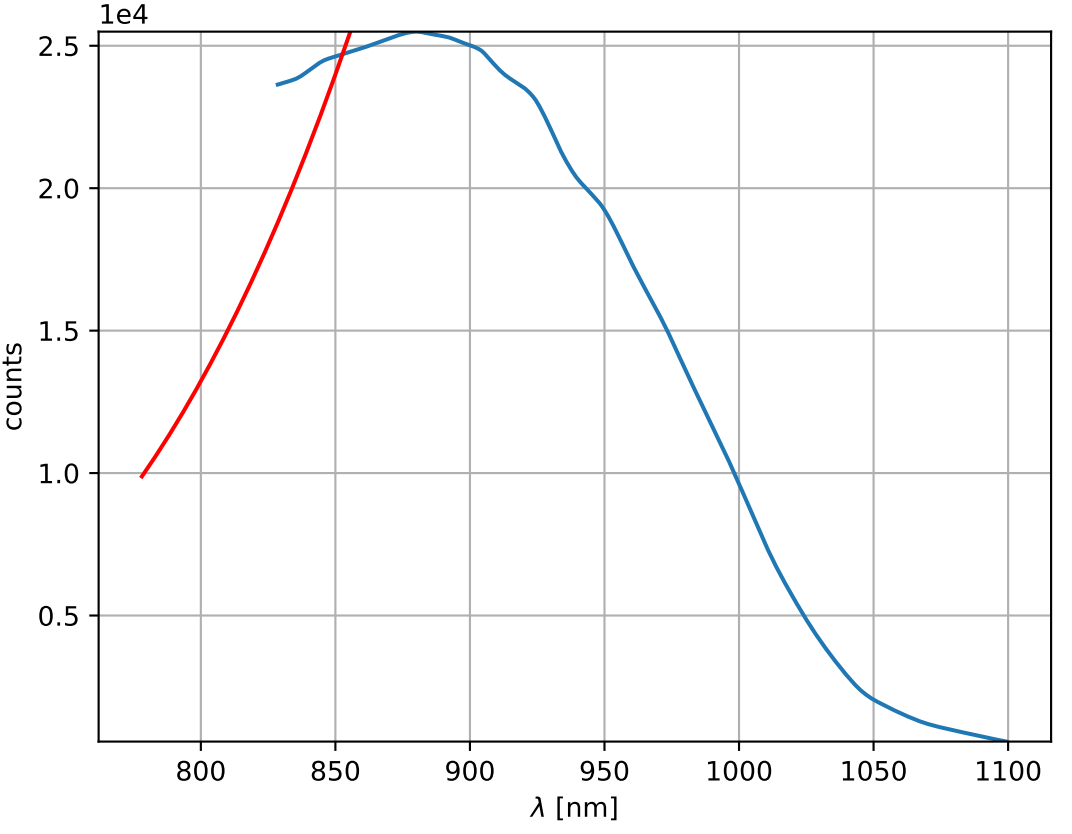

raw data
1e4
2.5
2.0
1.5
1.0
0.5
0.0
counts
750
800
850
900
950
1000
1050
λ [nm]

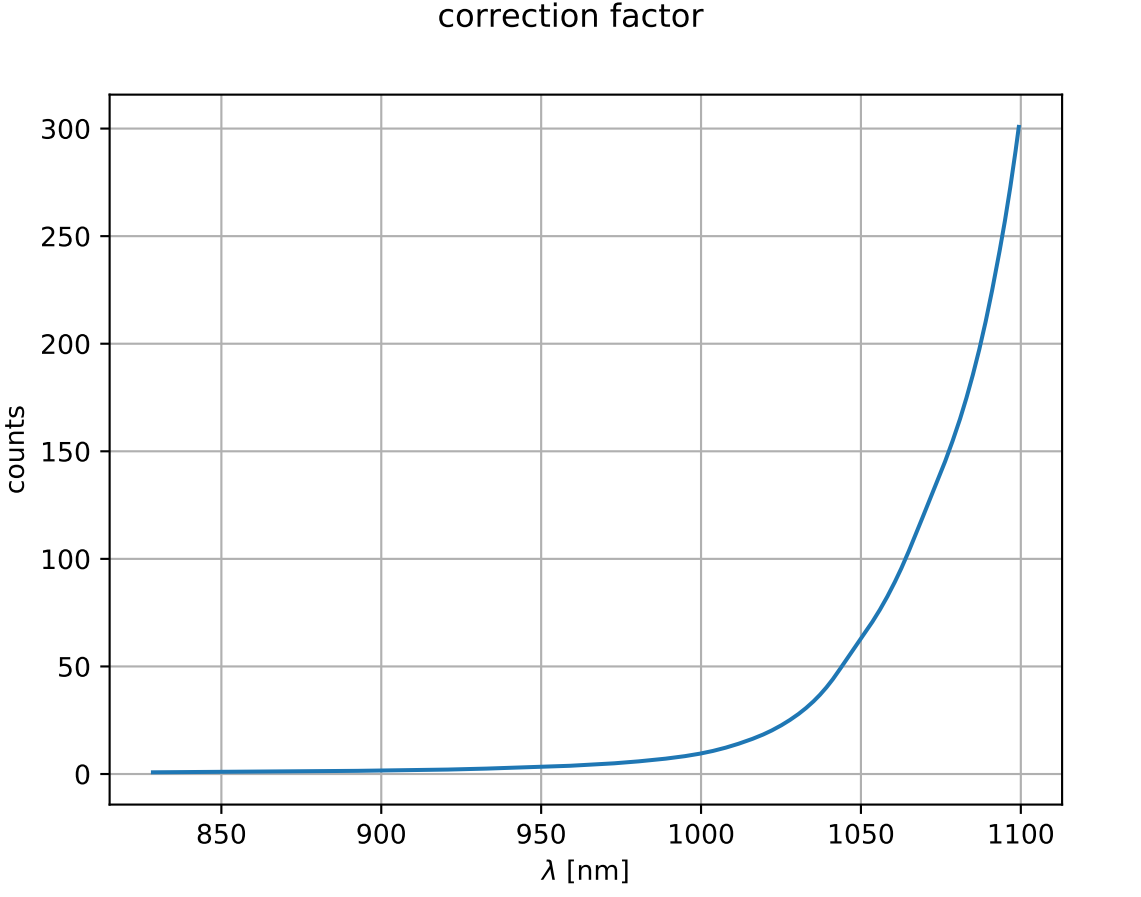

corrected data
1e4
2.5
2.0
1.5
1.0
0.5
counts
750
800
850
900
950
1000
1050
1100
λ [nm]

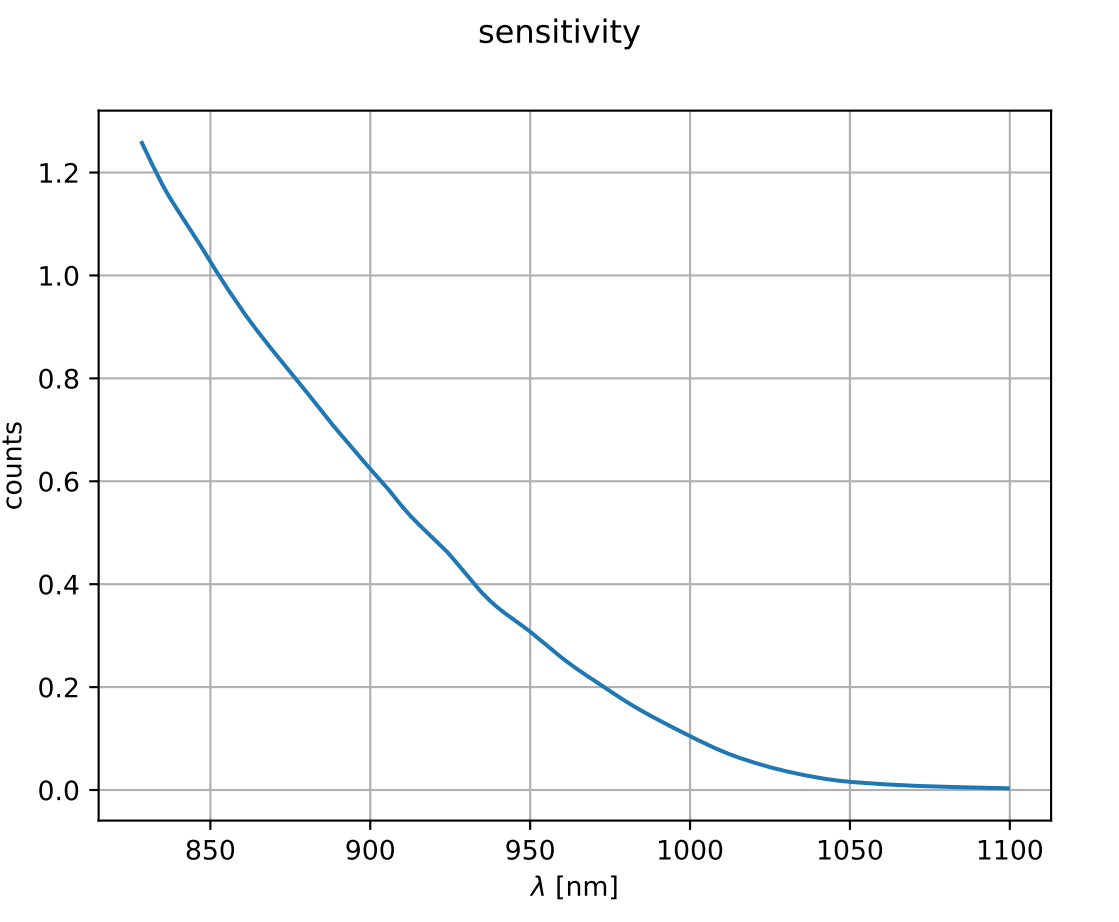

correction factor
counts
300
250
200
150
100
50
0
800
850
900
950
1000
1050
1100
λ [nm]

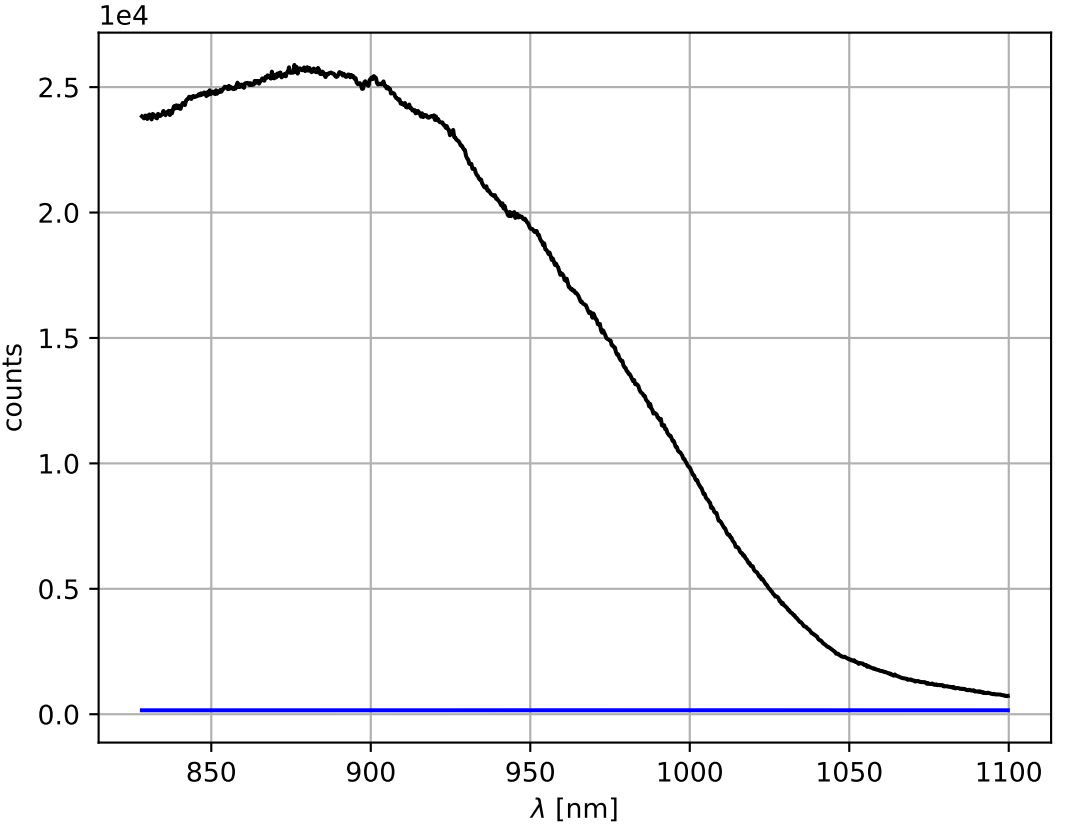

sensitivity
2.0
1.5
1.0
0.5
0.0
counts
800
850
900
950
1000
1050
1100
λ [nm]

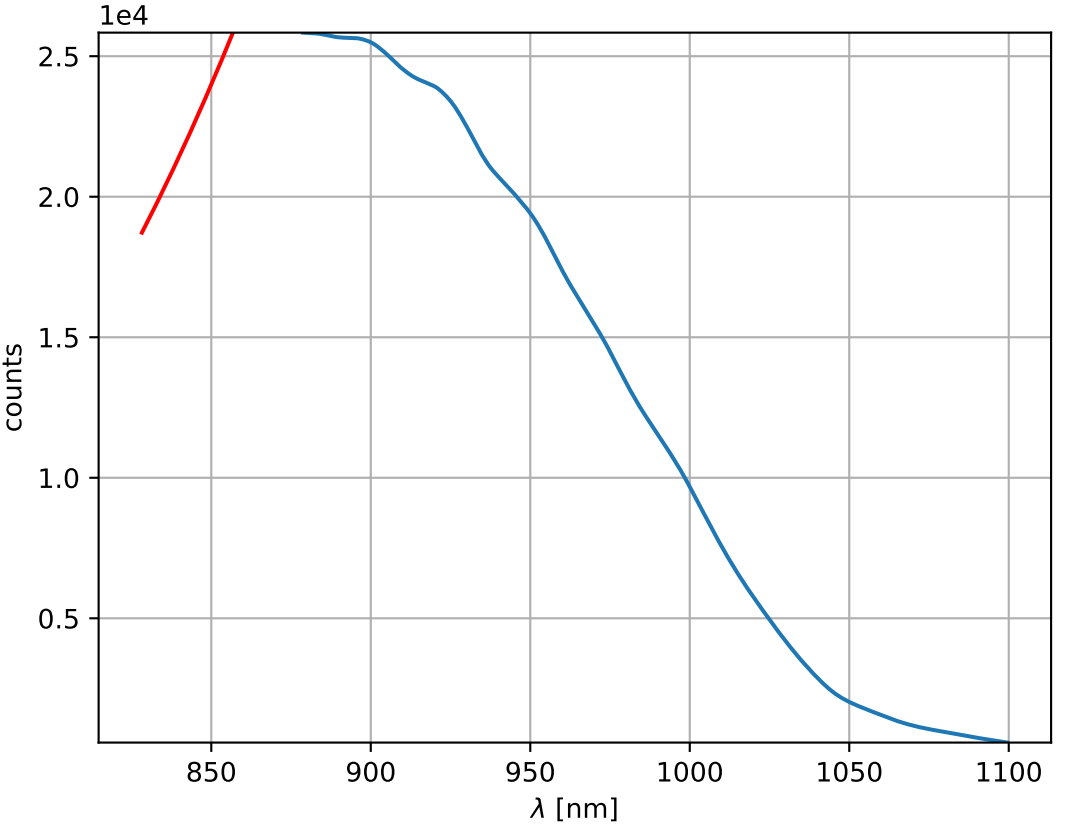

raw data
1e4
2.5
2.0
1.5
1.0
0.5
0.0
counts
800
850
900
950
1000
1050
1100
λ [nm]

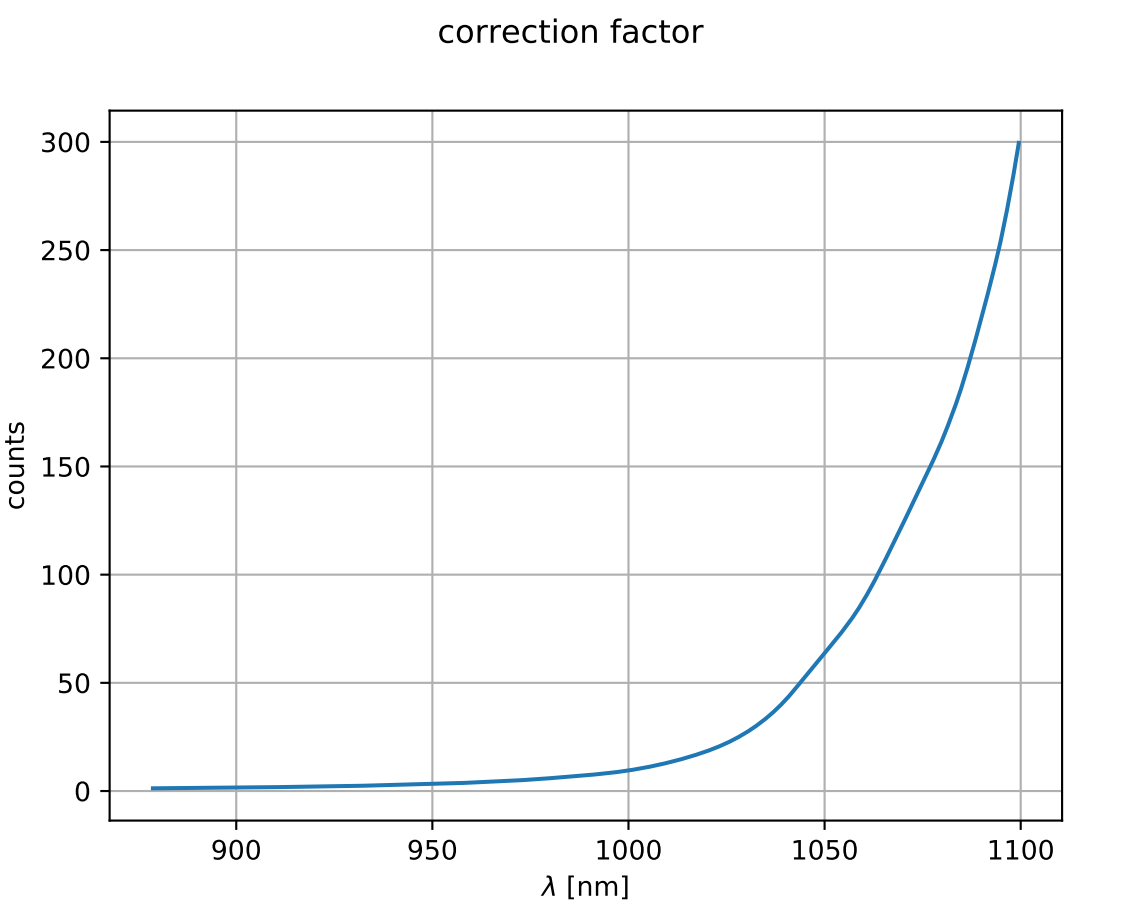

corrected data
1e4
2.5
2.0
1.5
1.0
0.5
counts
800
850
900
950
1000
1050
1100
λ [nm]

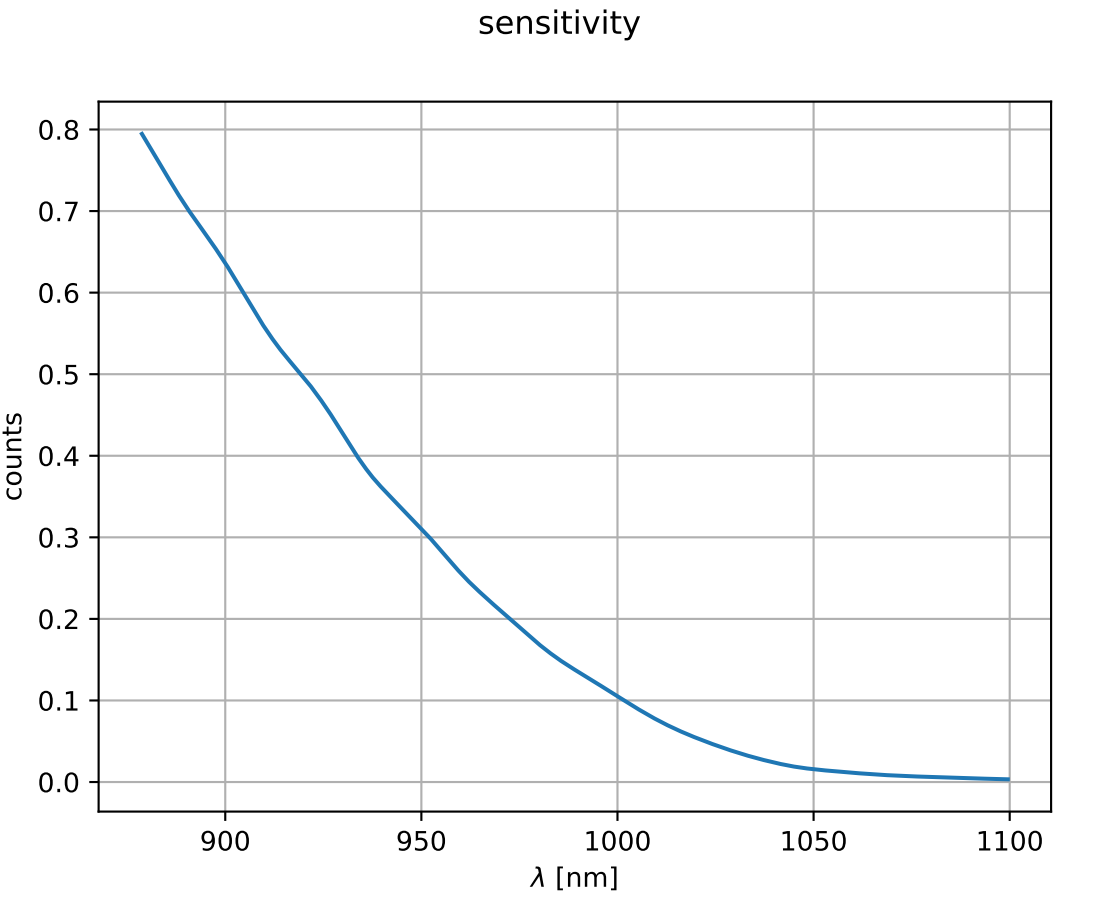

correction factor
counts
300
250
200
150
100
50
0
850
900
950
1000
1050
1100
λ [nm]

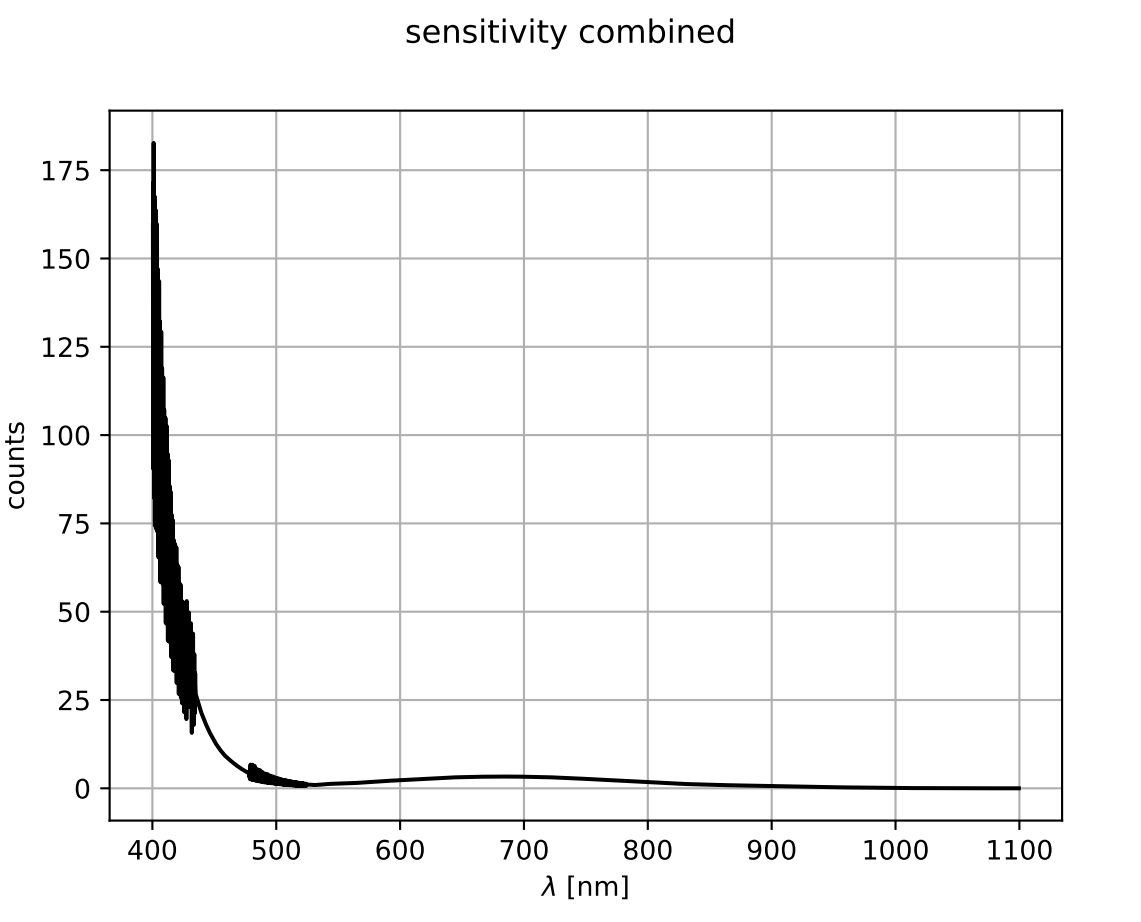

sensitivity
counts
1.2
1.0
0.8
0.6
0.4
0.2
0.0
850
900
950
1000
1050
1100
λ [nm]

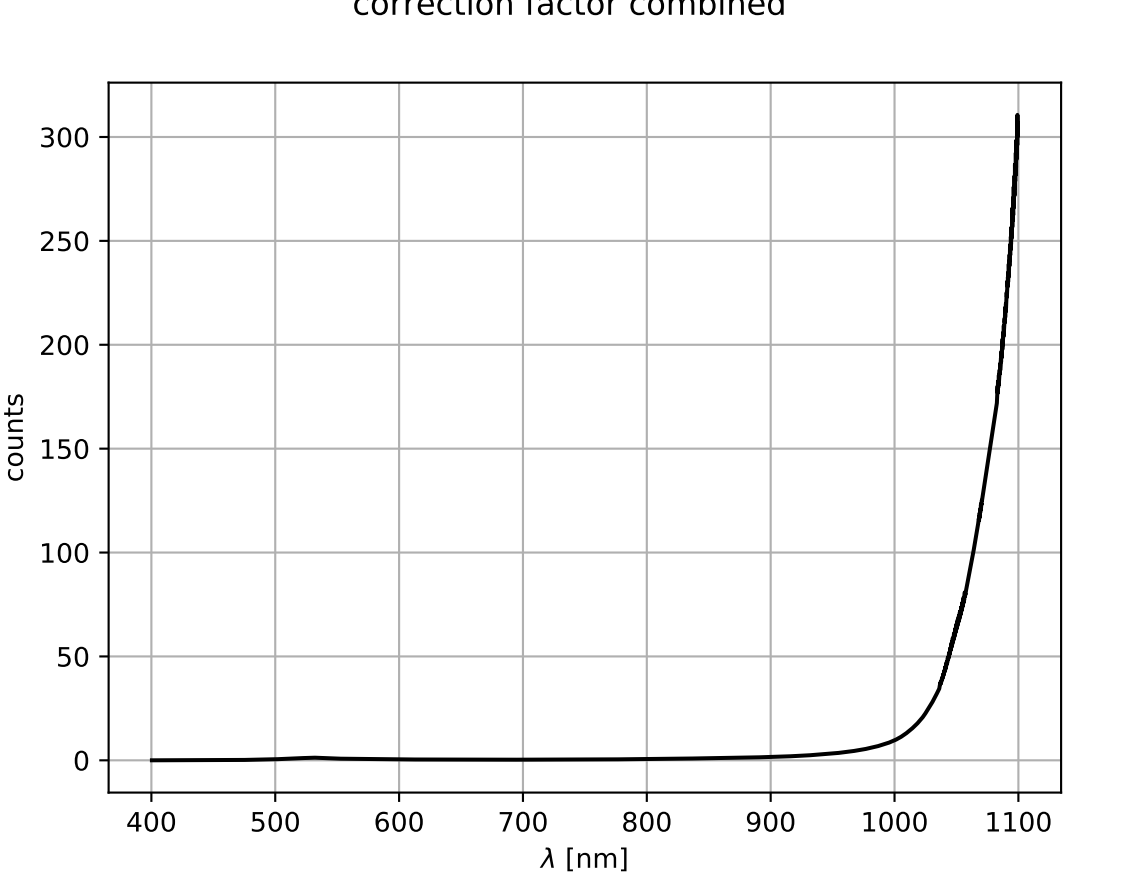

raw data
1e4
2.5
2.0
1.5
1.0
0.5
0.0
counts
850
900
950
1000
1050
1100
λ [nm]


corrected data
1e4
2.5
2.0
1.5
1.0
0.5
counts
850
900
950
1000
1050
1100
λ [nm]


correction factor
counts
300
250
200
150
100
50
0
900
950
1000
1050
1100
λ [nm]


sensitivity
counts
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
900
950
1000
1050
1100
λ [nm]


sensitivity combined
counts
175
150
125
100
75
50
25
0
400
500
600
700
800
900
1000
1100
λ [nm]


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