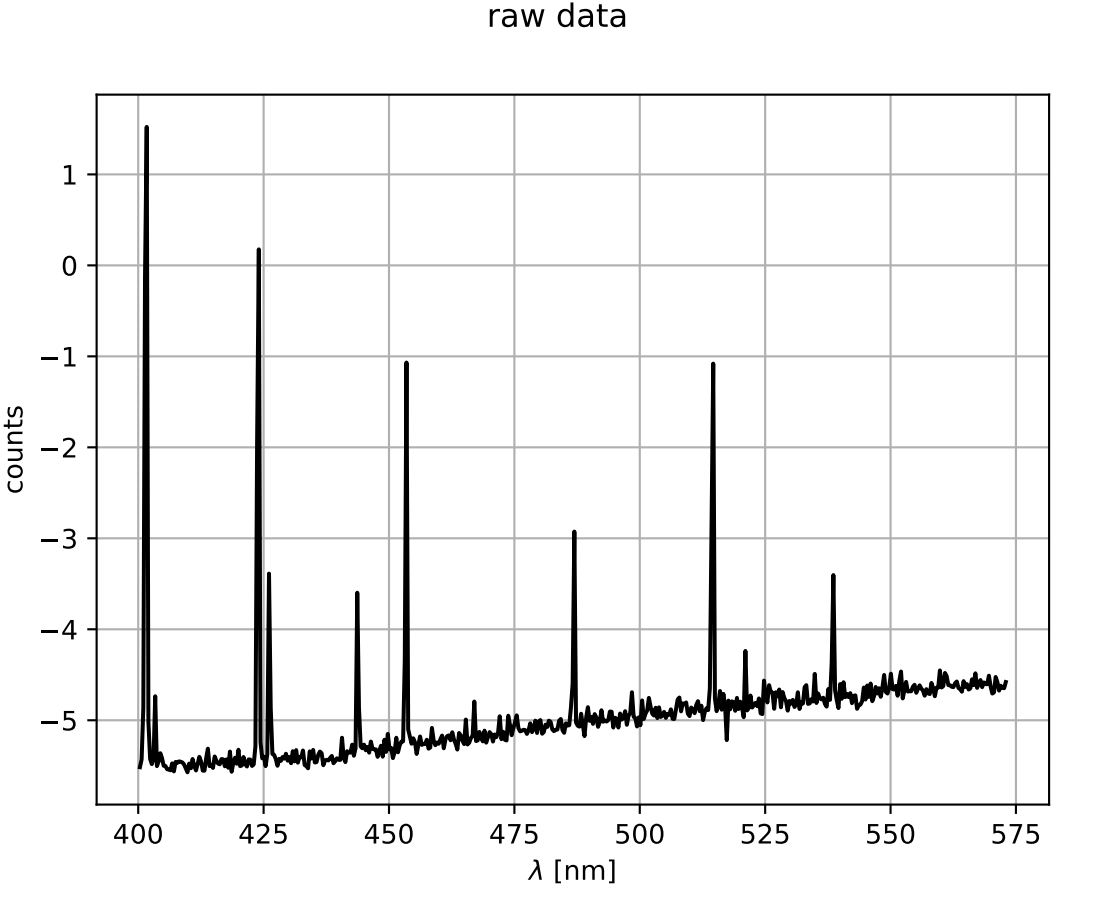
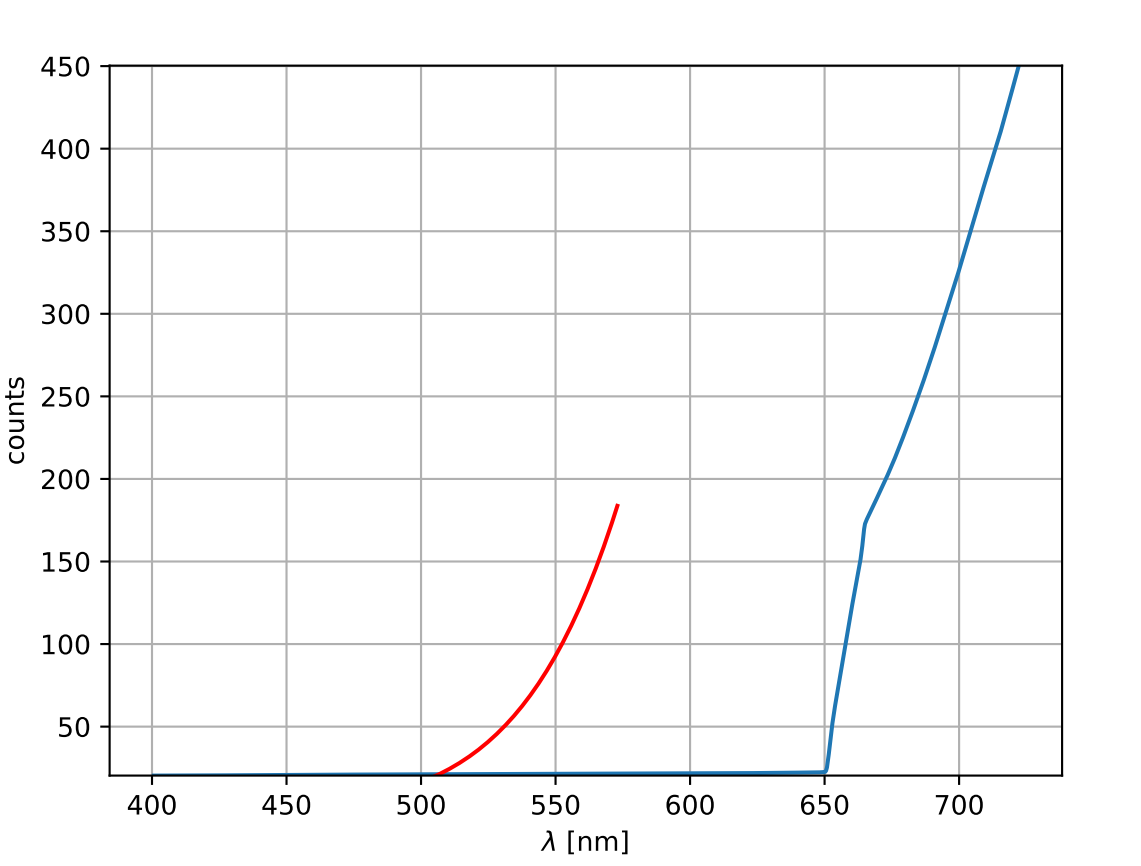
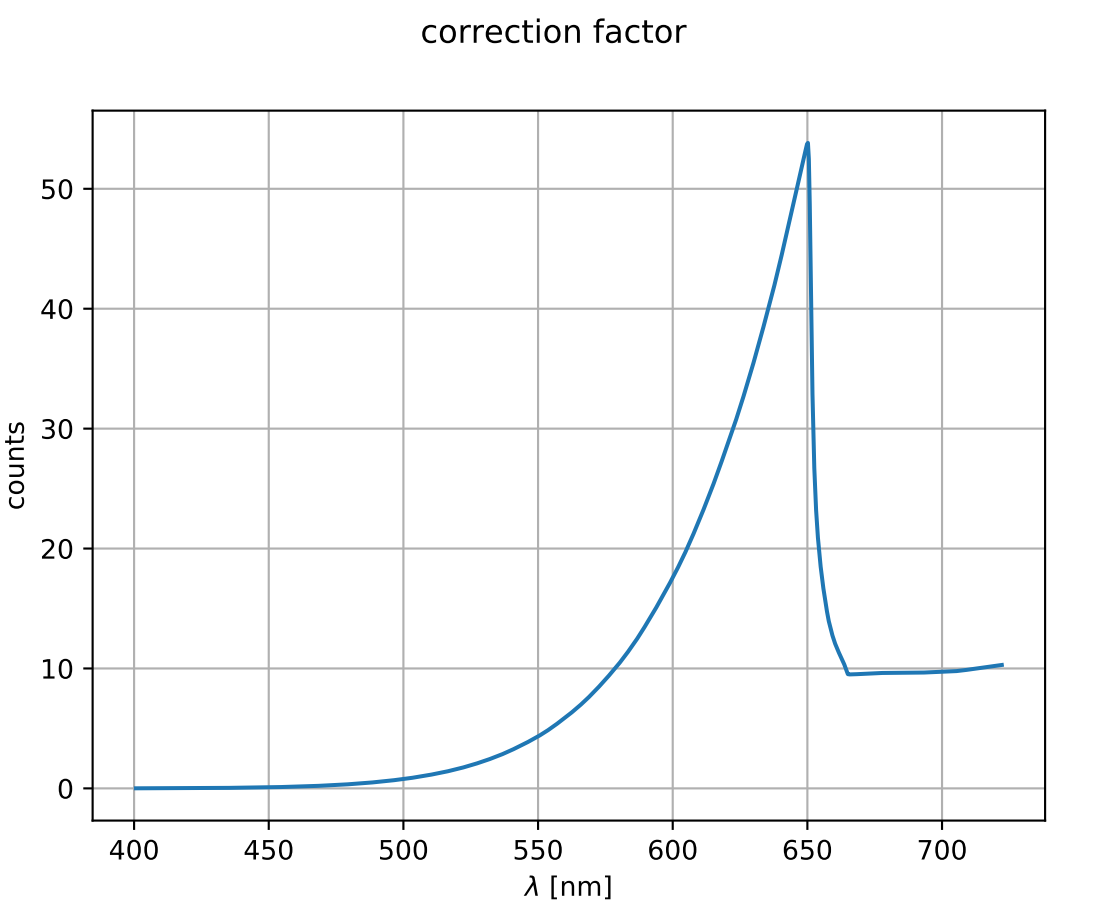
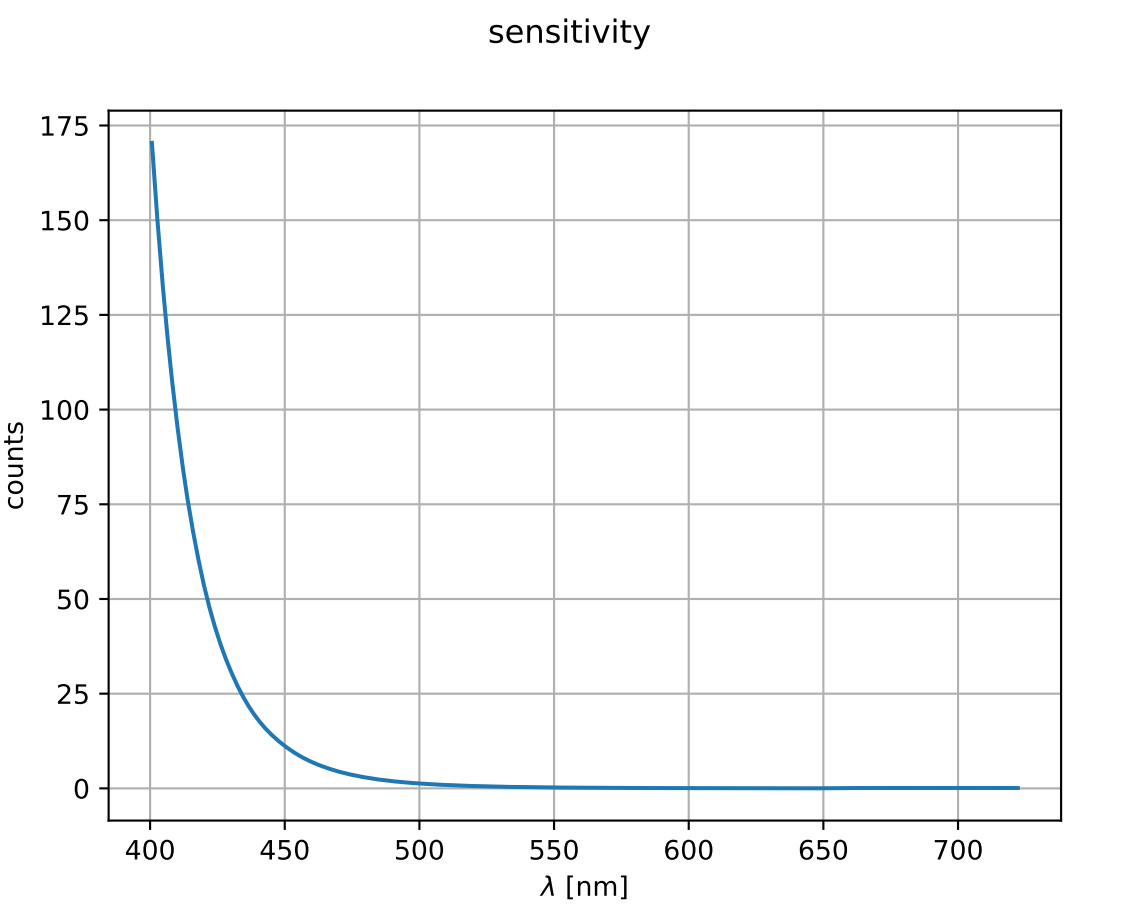
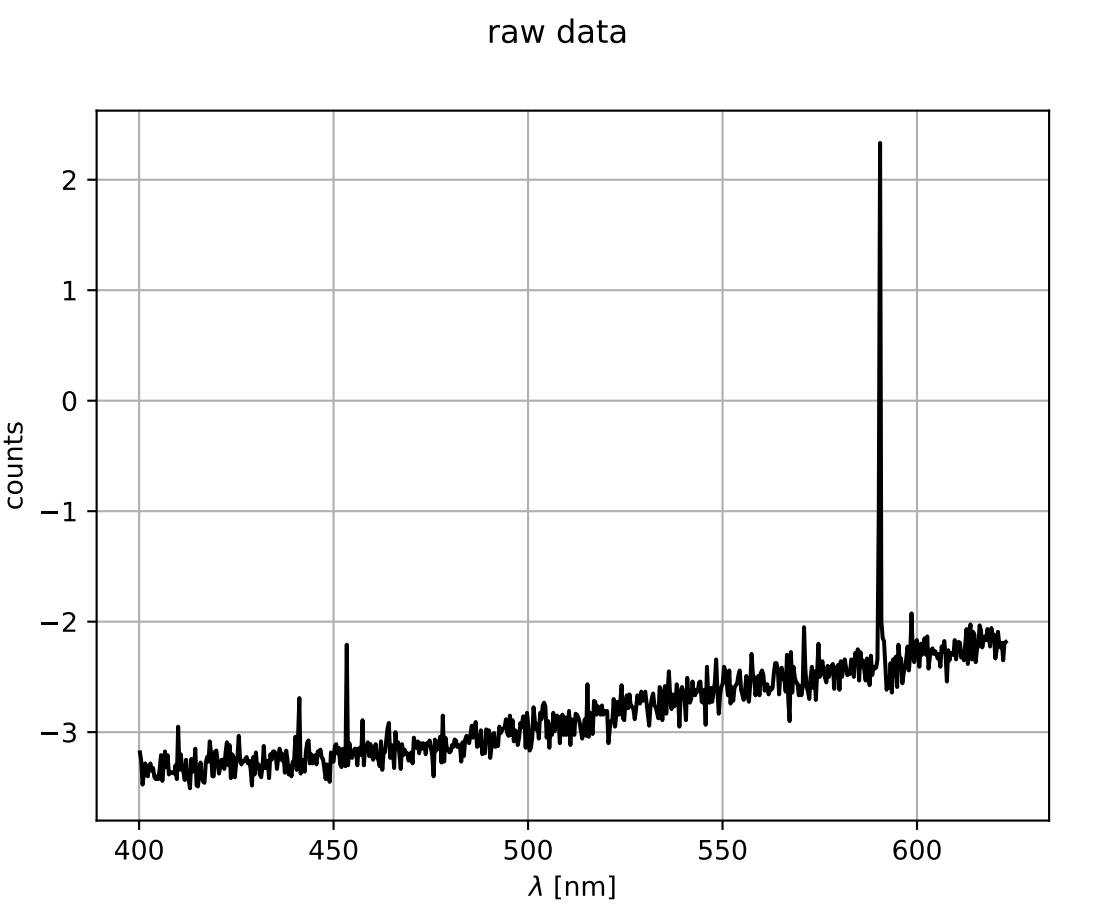
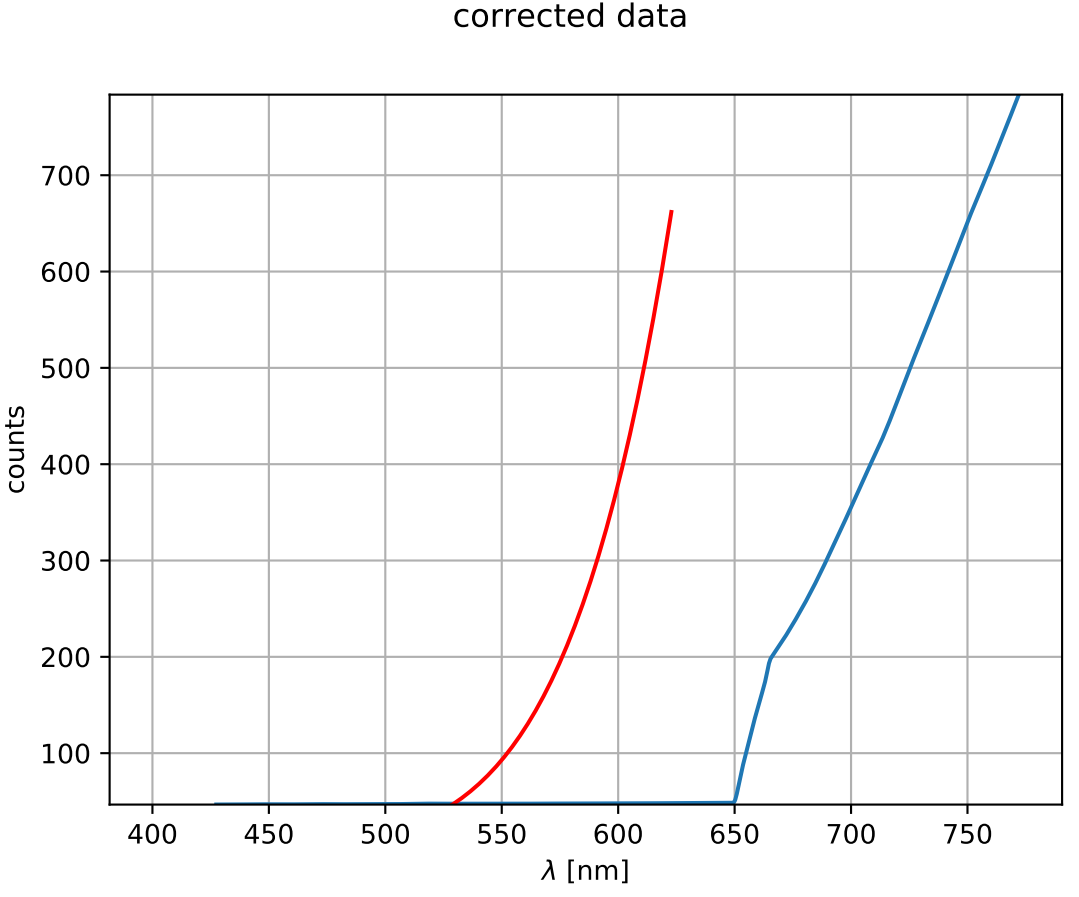

raw data
counts
1
0
−1
−2
−3
−4
−5
400
425
450
475
500
525
550
575
λ [nm]

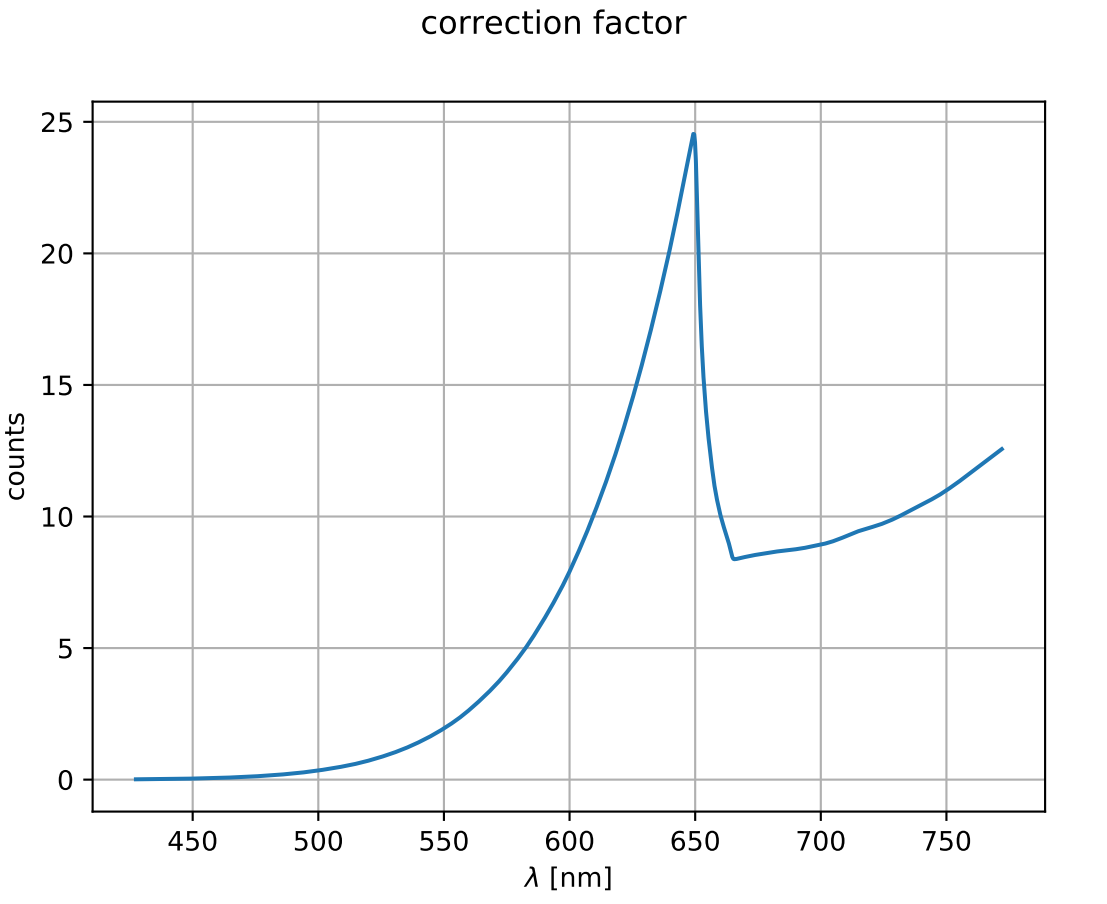

corrected data
450
400
350
300
250
200
150
100
50
counts
400
450
500
550
600
650
700
λ [nm]

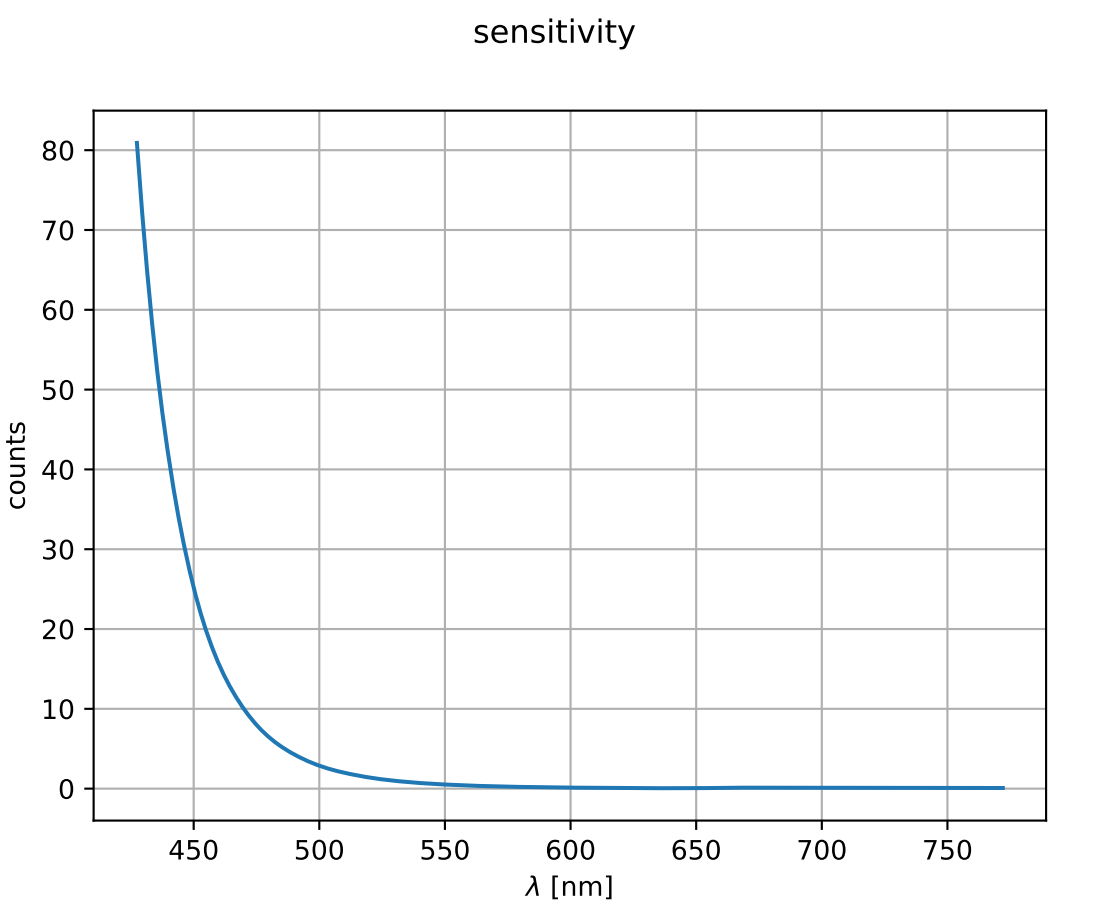

correction factor
counts
0
10
20
30
40
50
400
450
500
550
600
650
700
λ [nm]

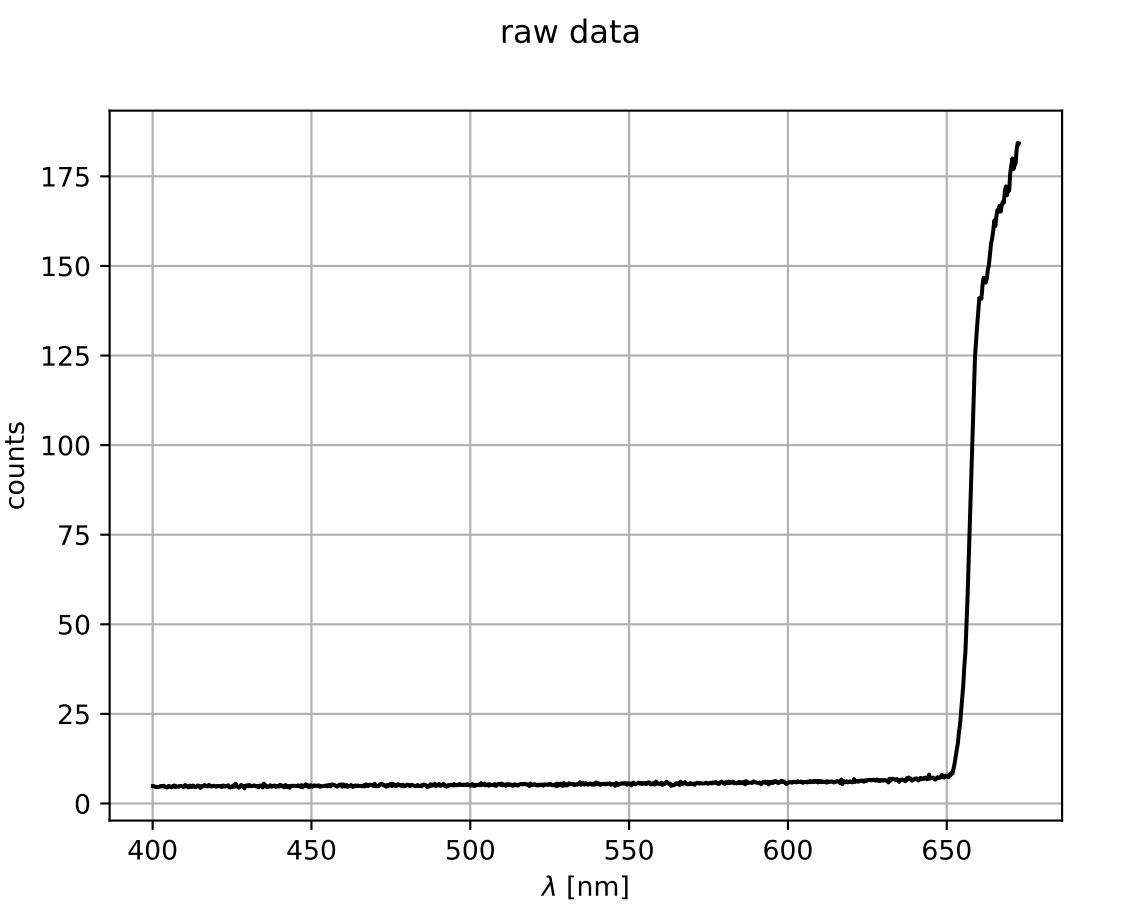

sensitivity
175
150
125
100
75
50
25
0
counts
400
450
500
550
600
650
700
λ [nm]

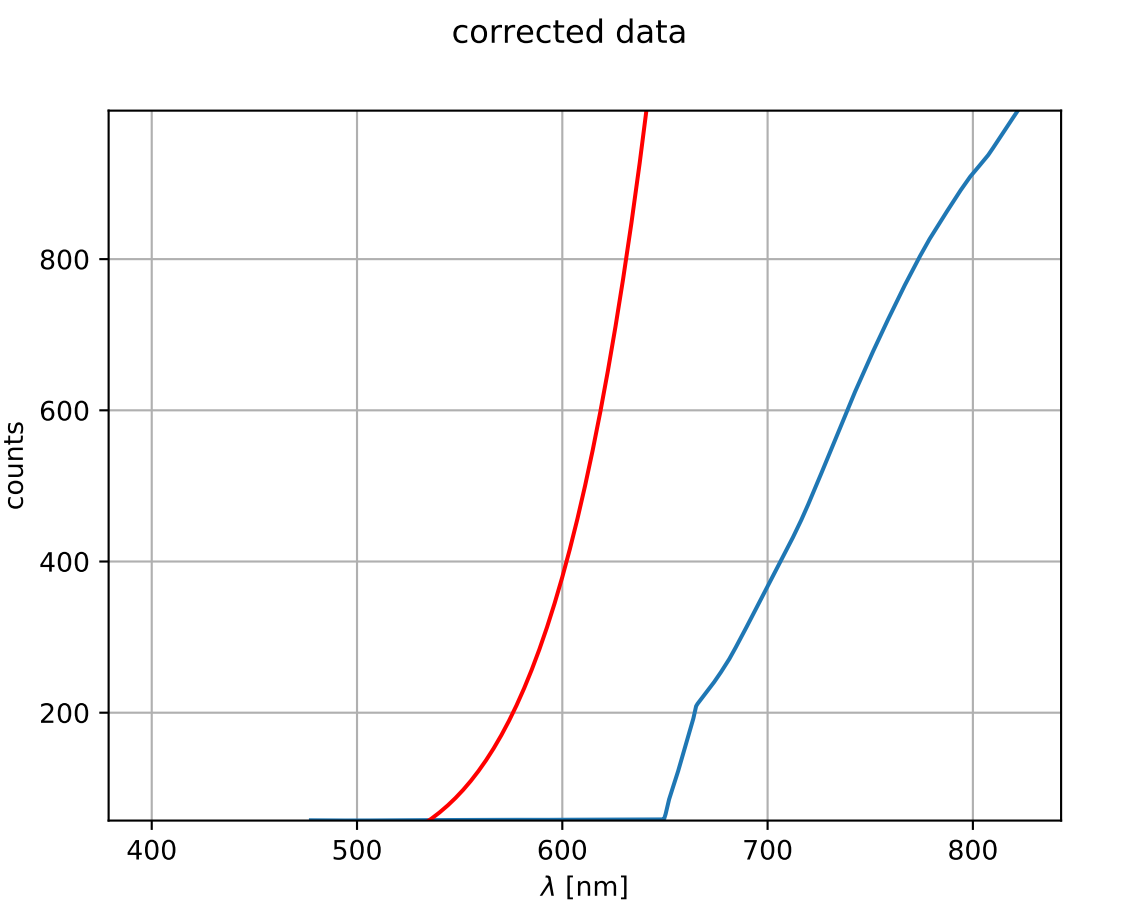

raw data
counts
2
1
0
−1
−2
−3
400
450
500
550
600
λ [nm]

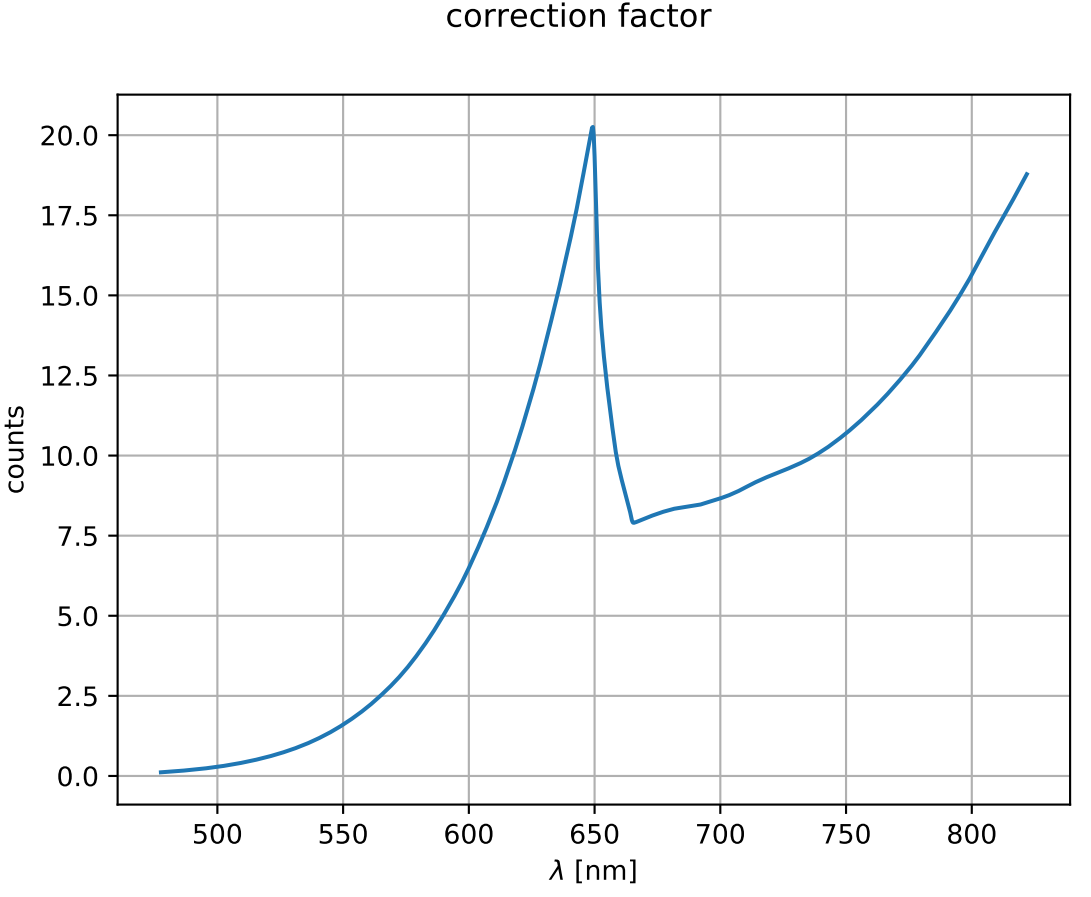

corrected data
700
600
500
400
300
200
100
counts
400
450
500
550
600
650
700
750
λ [nm]

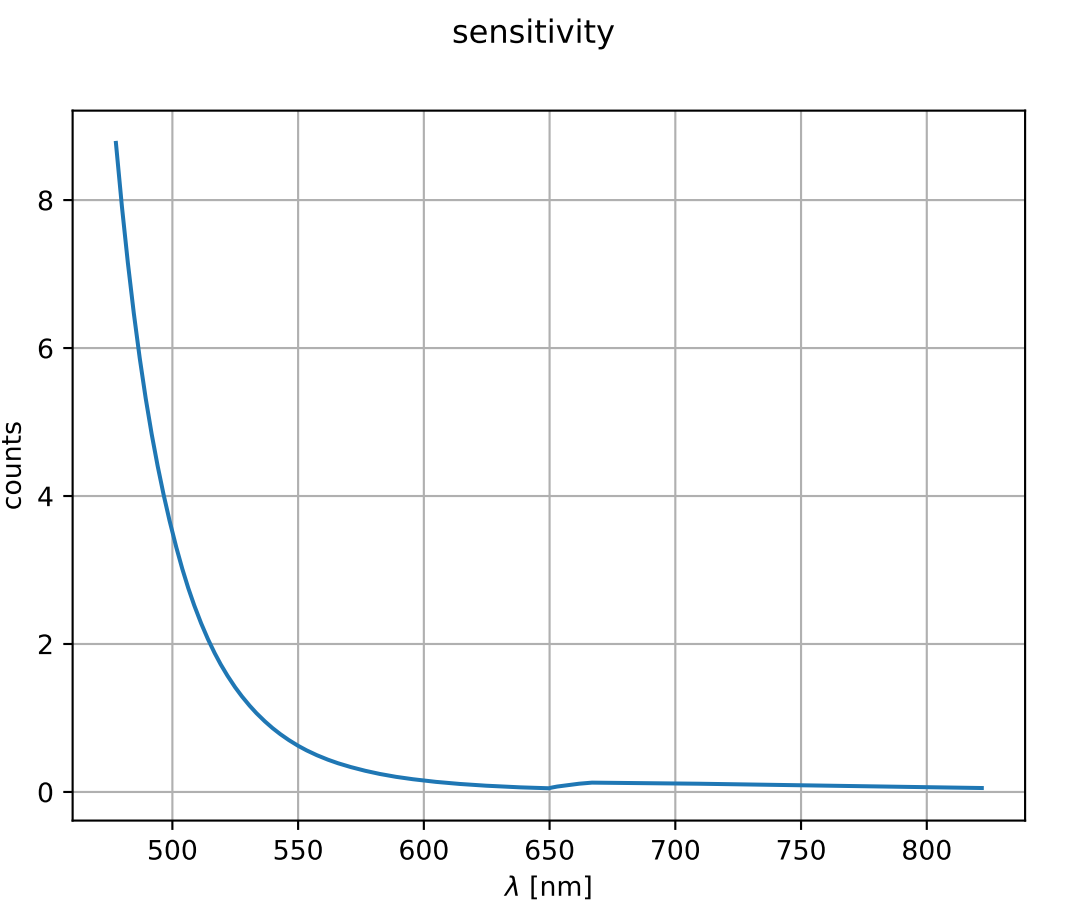

correction factor
25
20
15
10
5
0
counts
450
500
550
600
650
700
750
λ [nm]

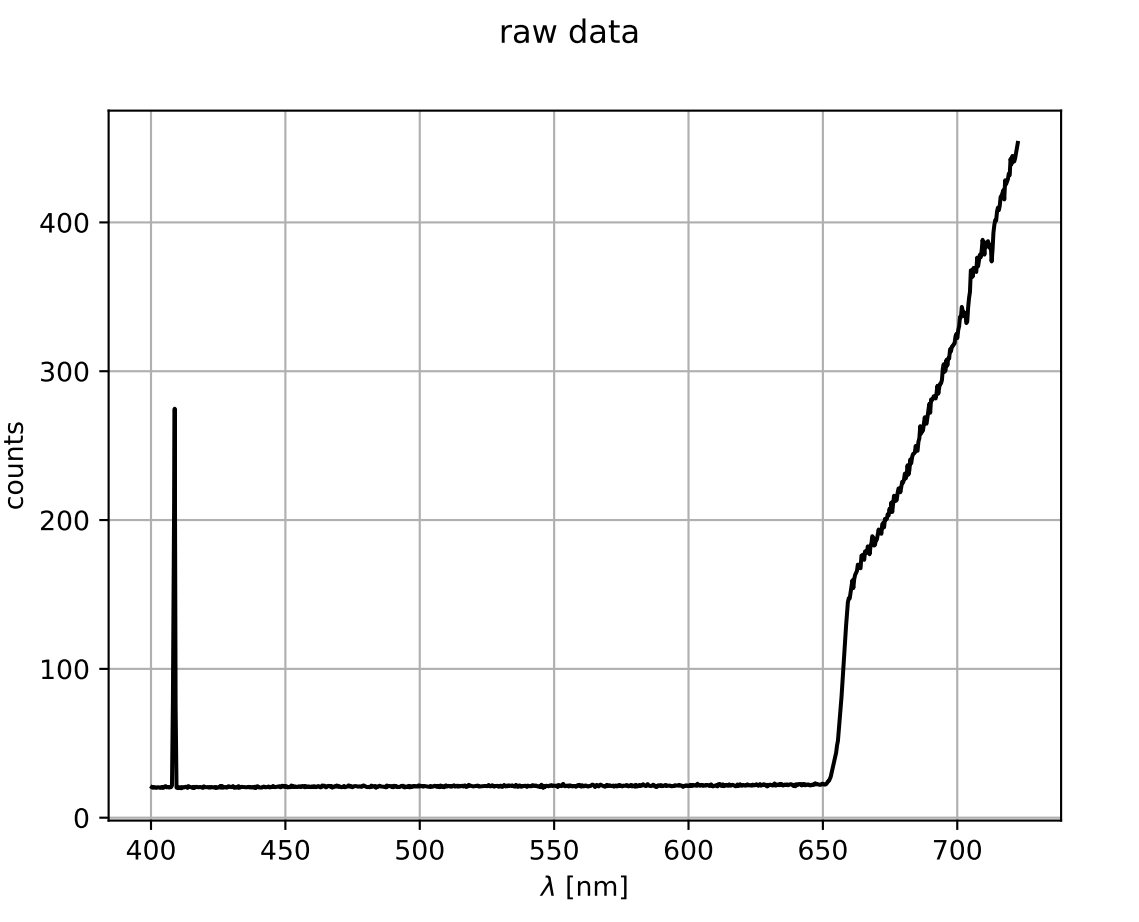

sensitivity
counts
80
70
60
50
40
30
20
10
0
450
500
550
600
650
700
750
λ [nm]

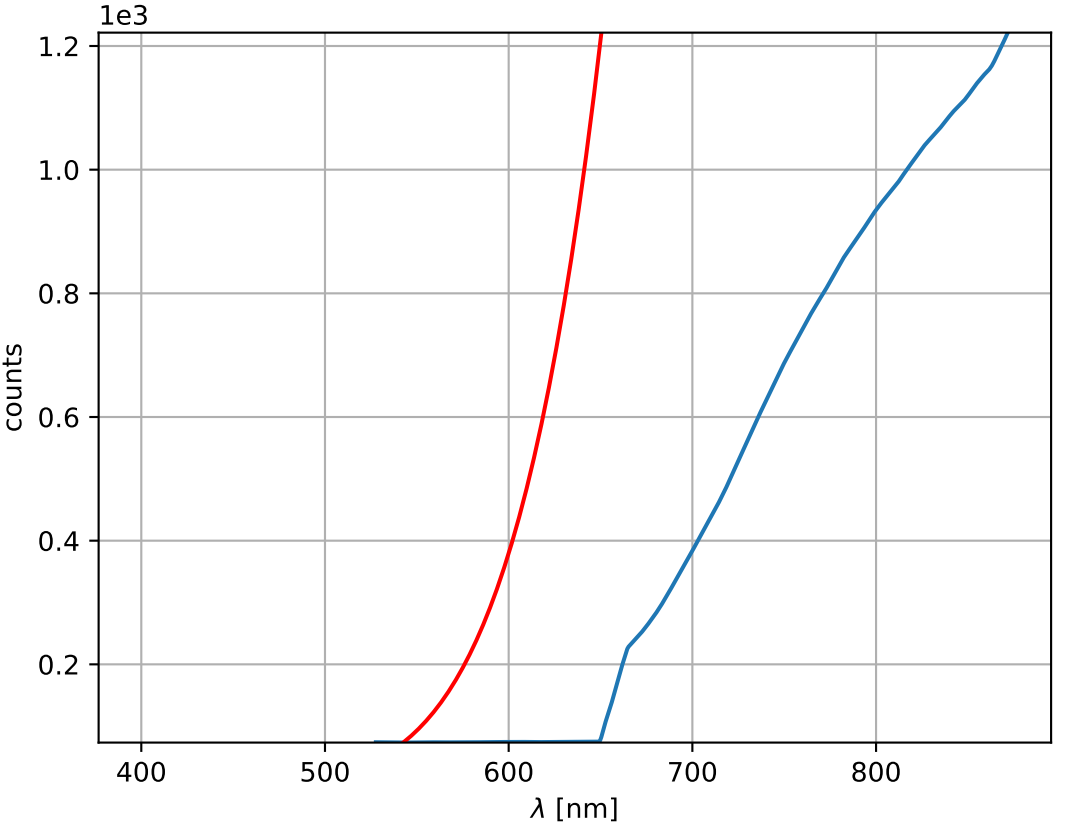

raw data
counts
175
150
125
100
75
50
25
0
400
450
500
550
600
650
λ [nm]

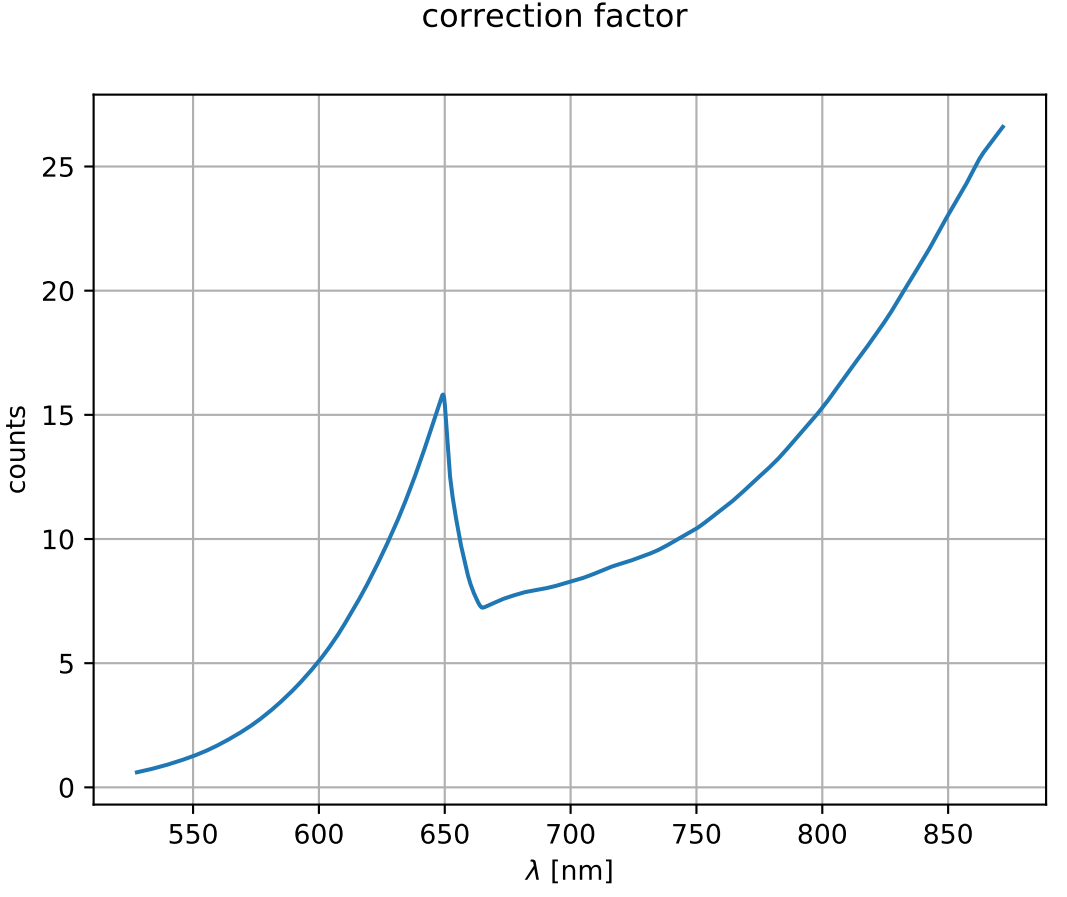

corrected data
800
600
400
200
counts
400
500
600
700
800
λ [nm]

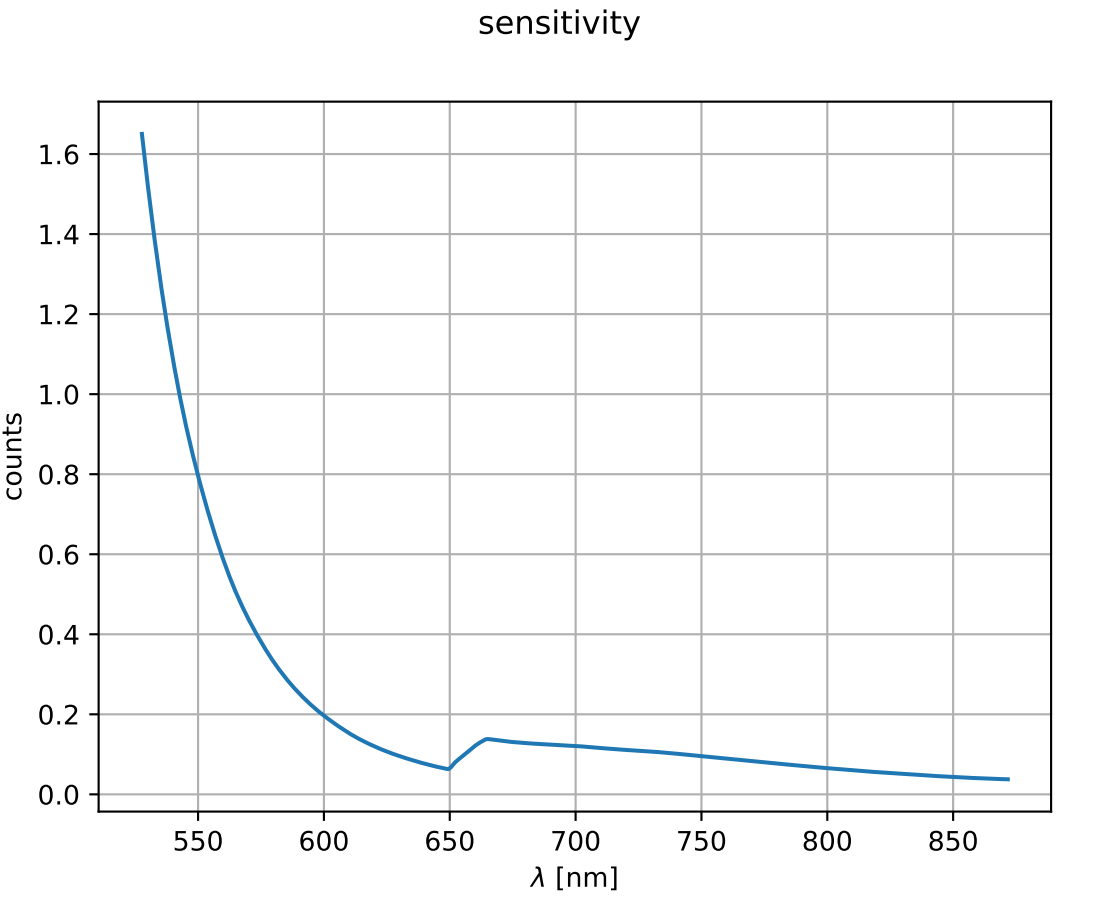

correction factor
counts
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
500
550
600
650
700
750
800
λ [nm]

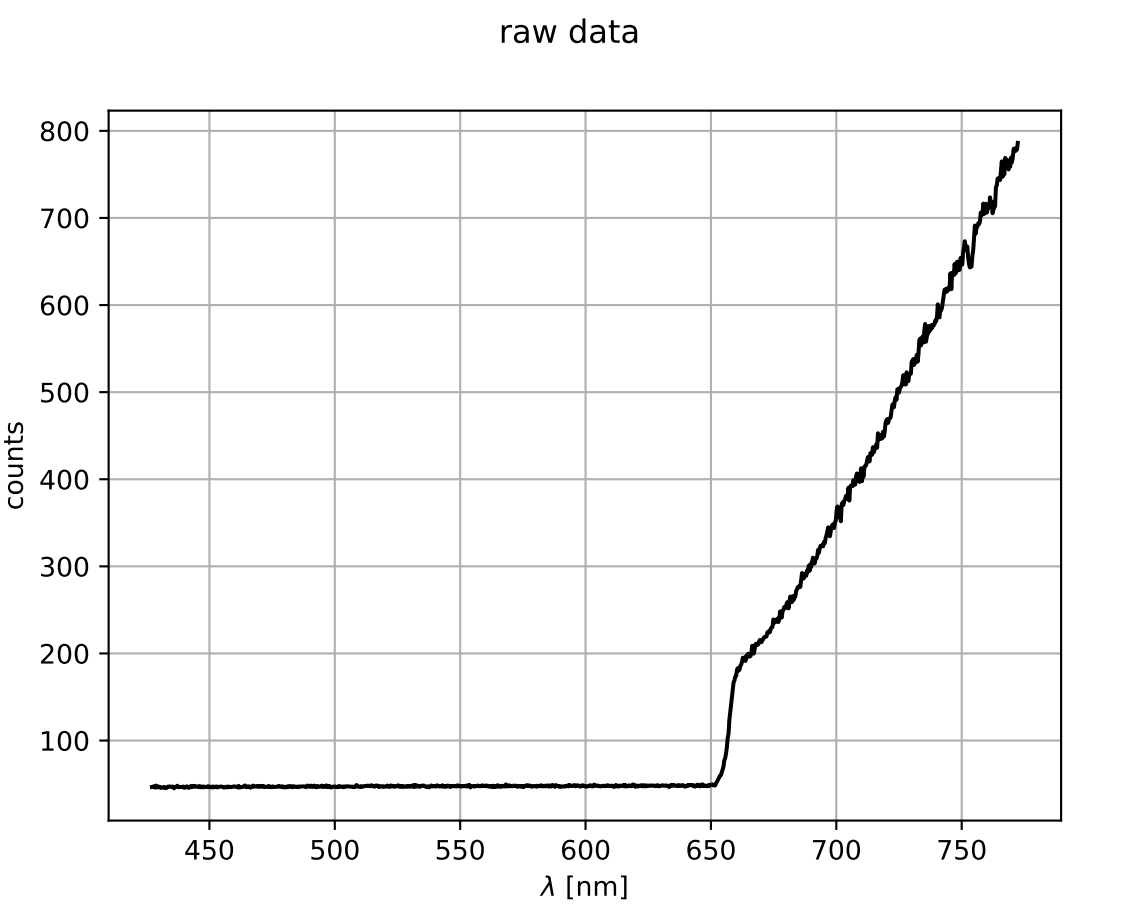

sensitivity
counts
0
2
4
6
8
500
550
600
650
700
750
800
λ [nm]

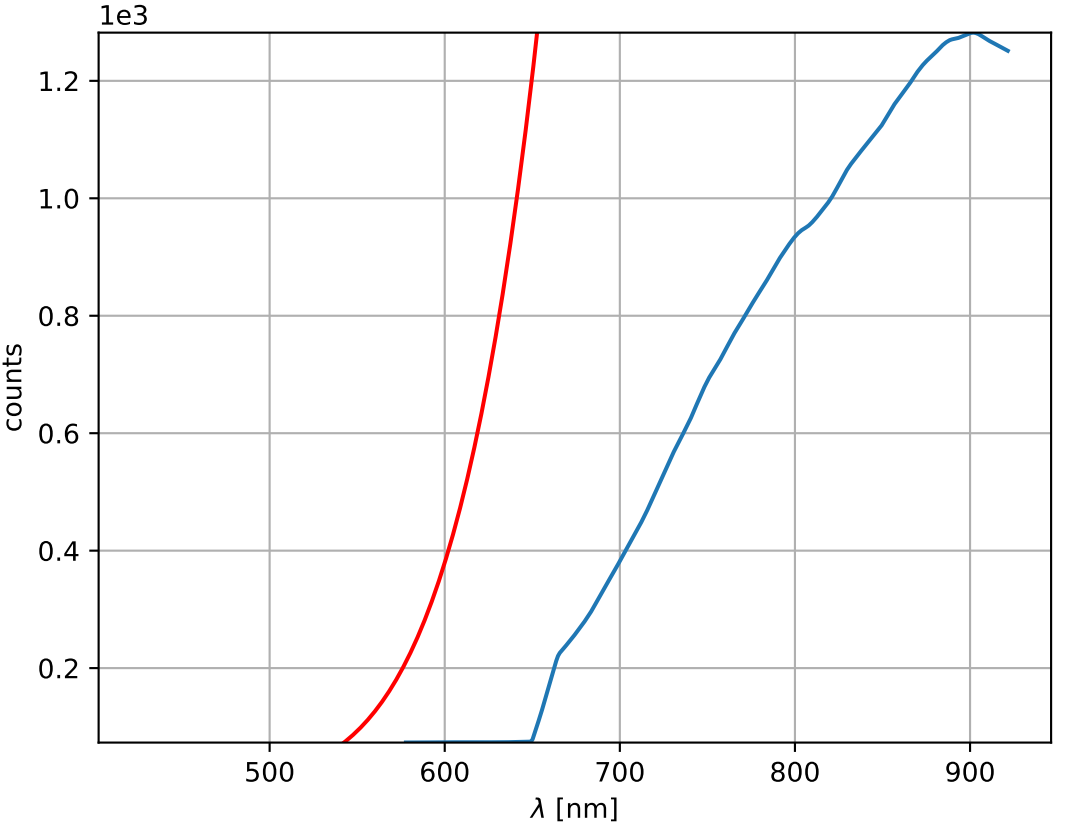

raw data
counts
0
100
200
300
400
400
450
500
550
600
650
700
λ [nm]

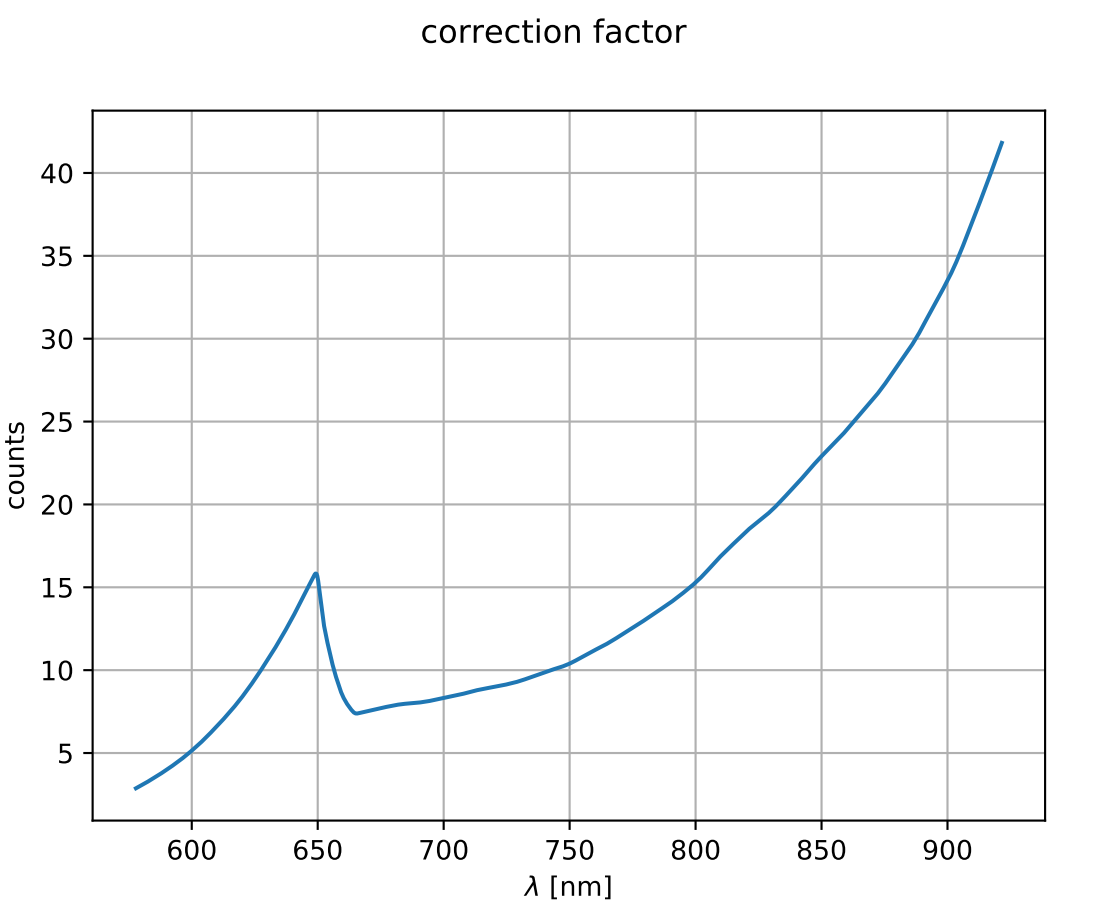

corrected data
1e3
1.2
1.0
0.8
0.6
0.4
0.2
counts
400
500
600
700
800
λ [nm]

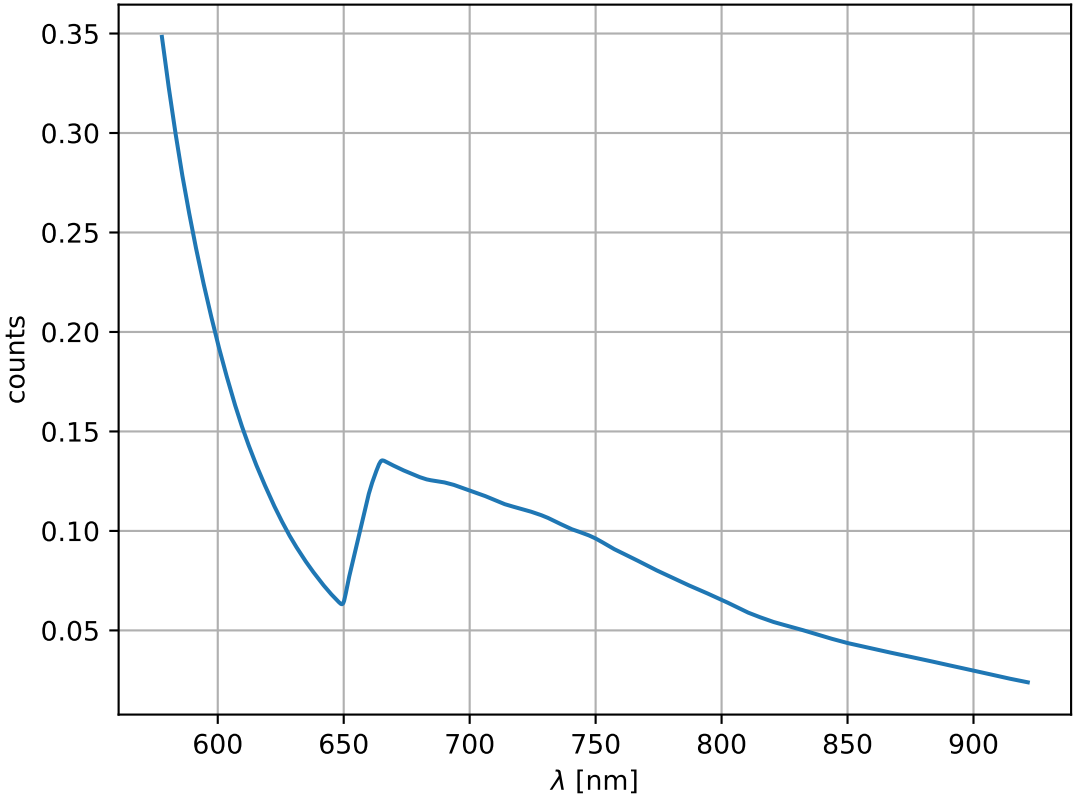

correction factor
counts
0
5
10
15
20
25
550
600
650
700
750
800
850
λ [nm]

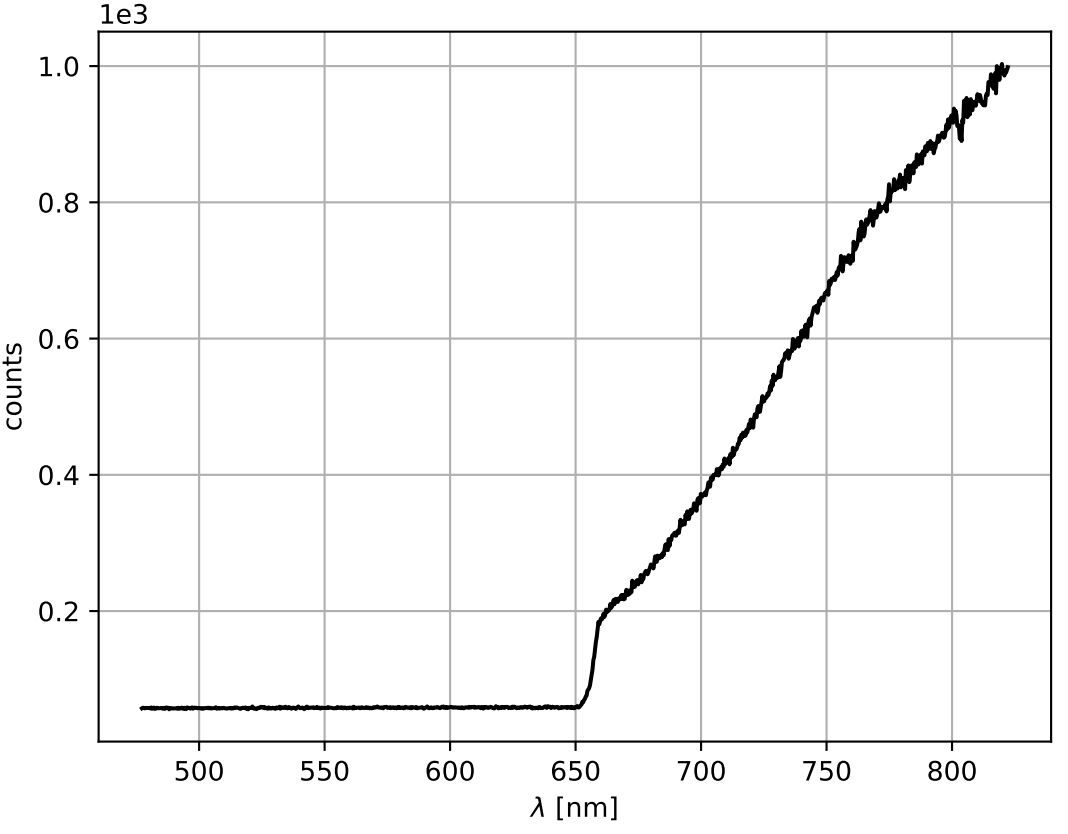

sensitivity
counts
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
550
600
650
700
750
800
850
λ [nm]

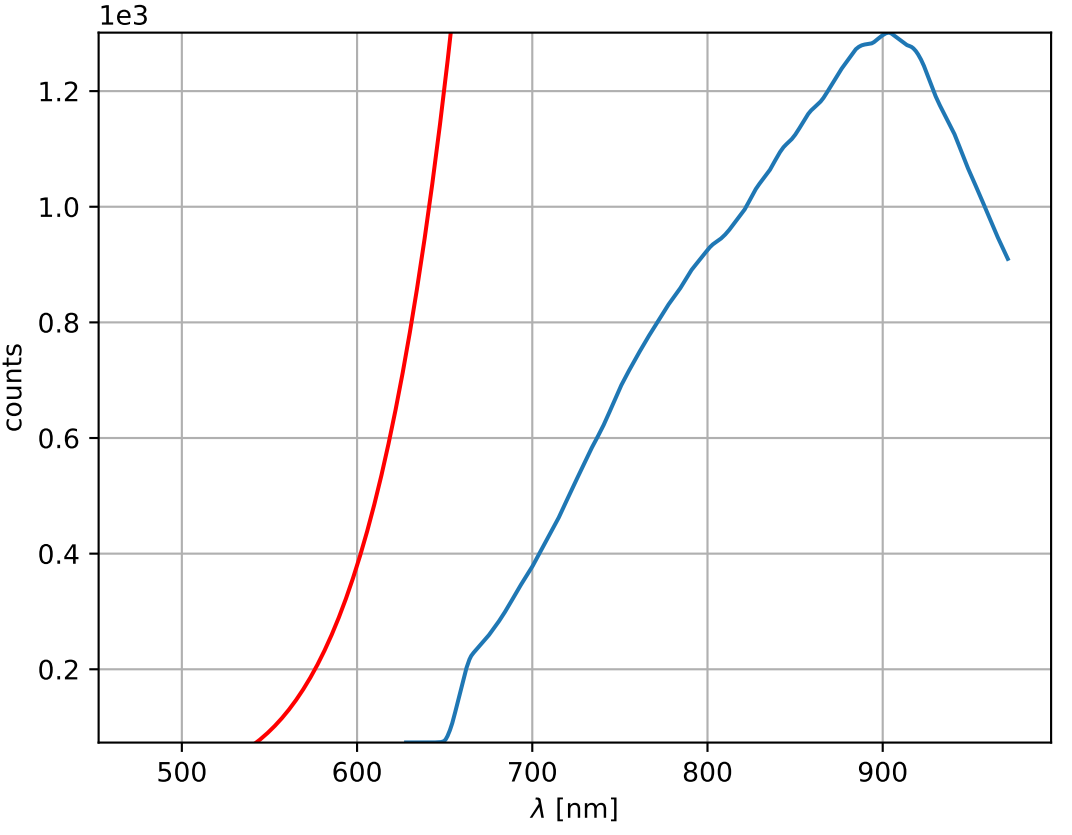

raw data
800
700
600
500
400
300
200
100
counts
450
500
550
600
650
700
750
λ [nm]

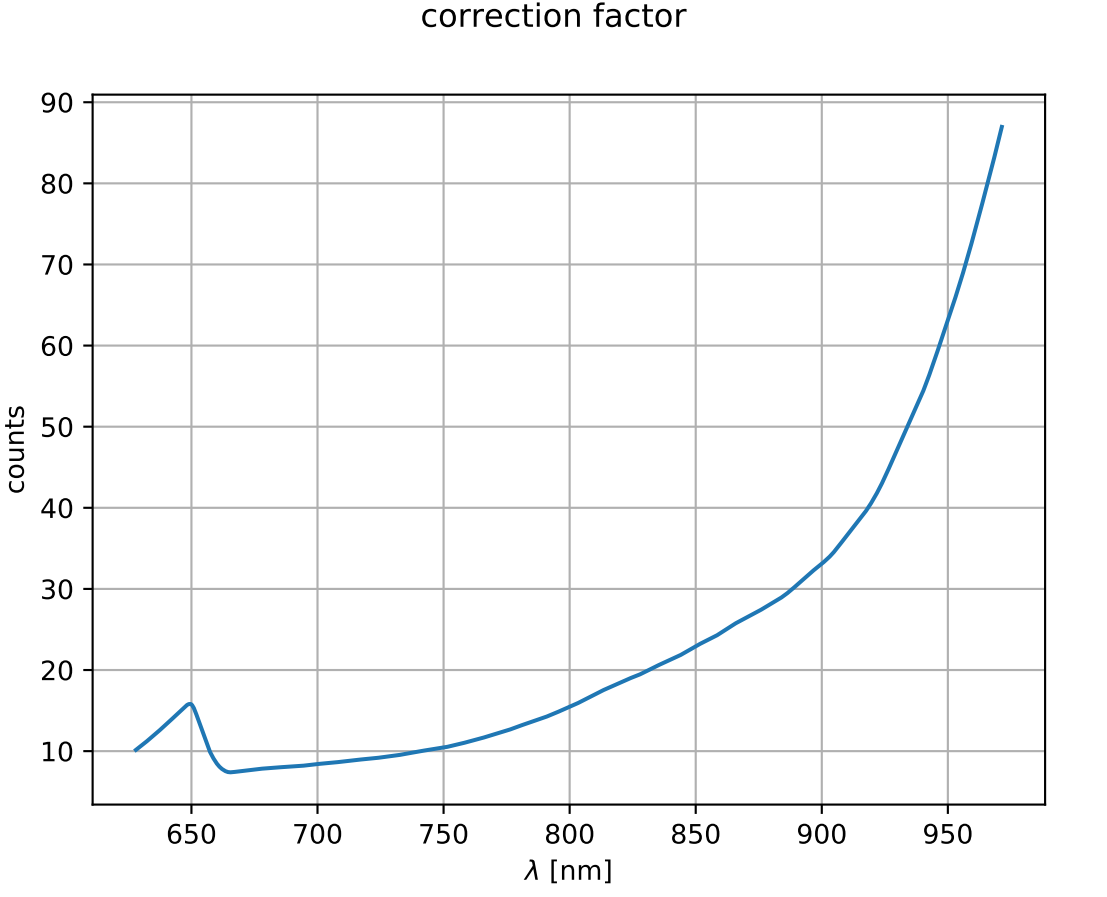

corrected data
1e3
1.2
1.0
0.8
0.6
0.4
0.2
counts
500
600
700
800
900
λ [nm]

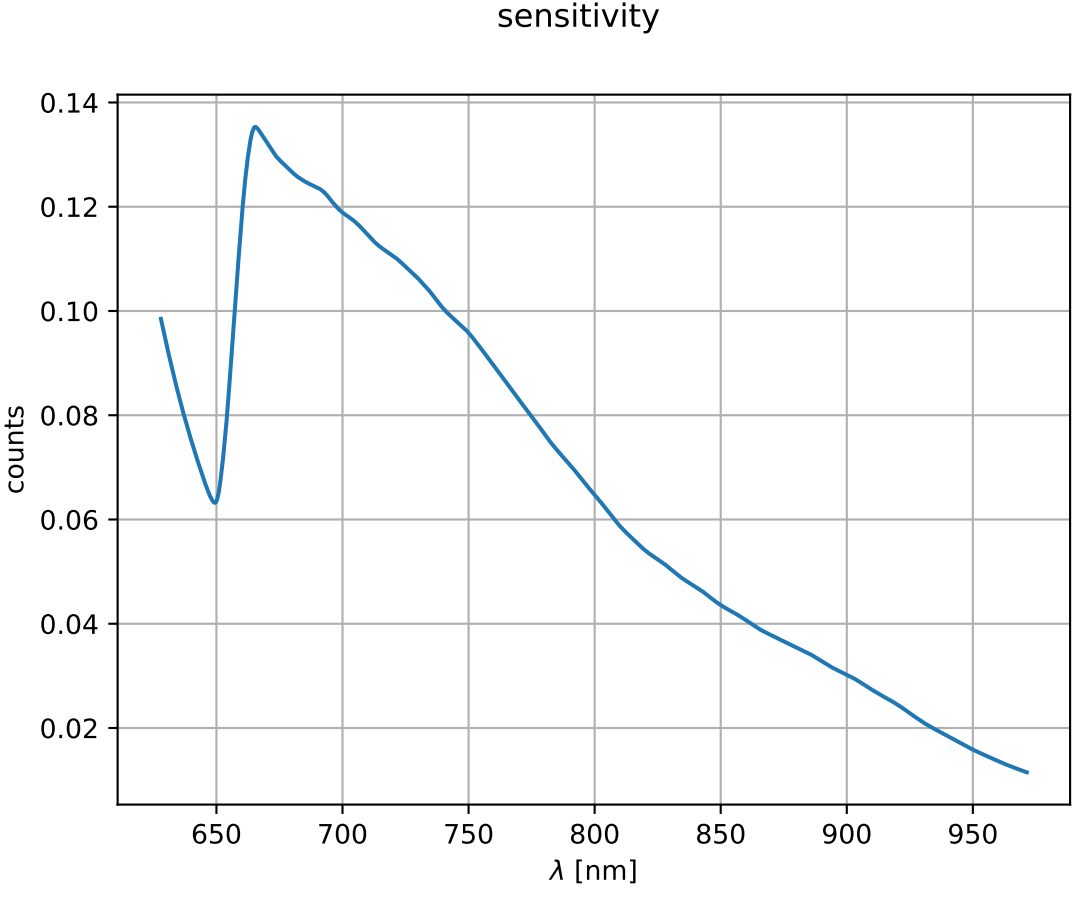

correction factor
counts
40
35
30
25
20
15
10
5
600
650
700
750
800
850
900
λ [nm]

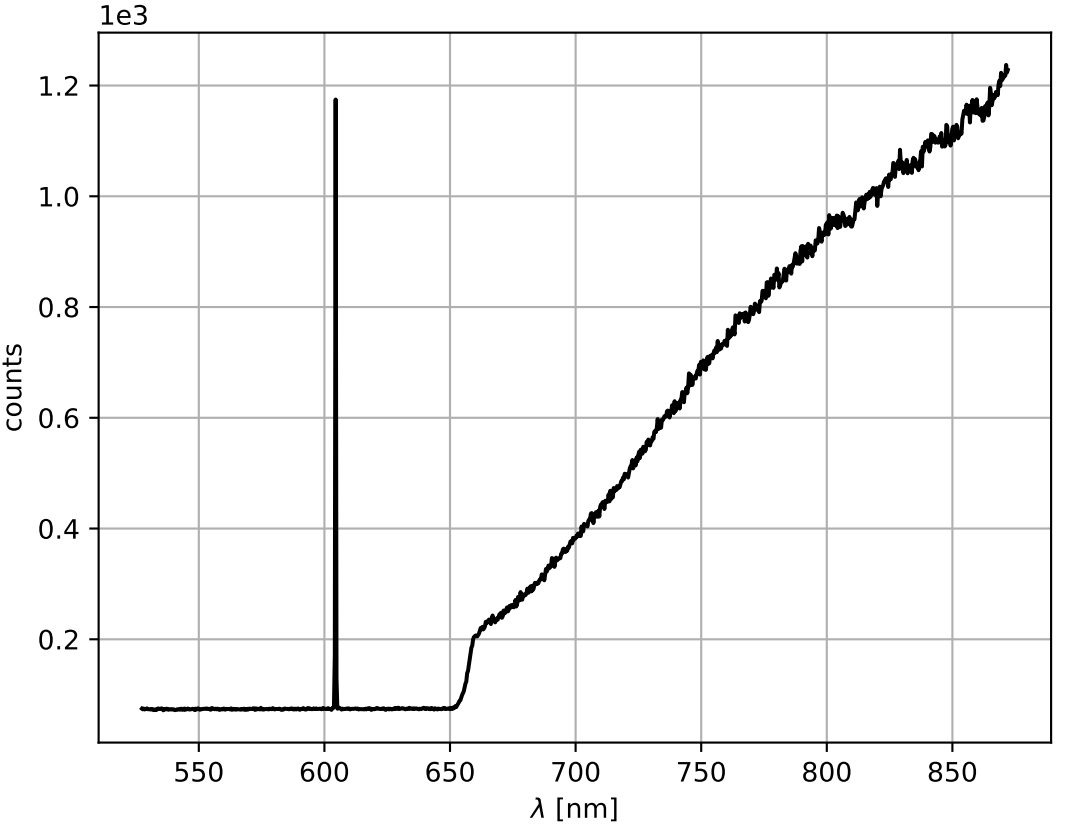

sensitivity
0.35
0.30
0.25
0.20
0.15
0.10
0.05
counts
600
650
700
750
800
850
900
λ [nm]

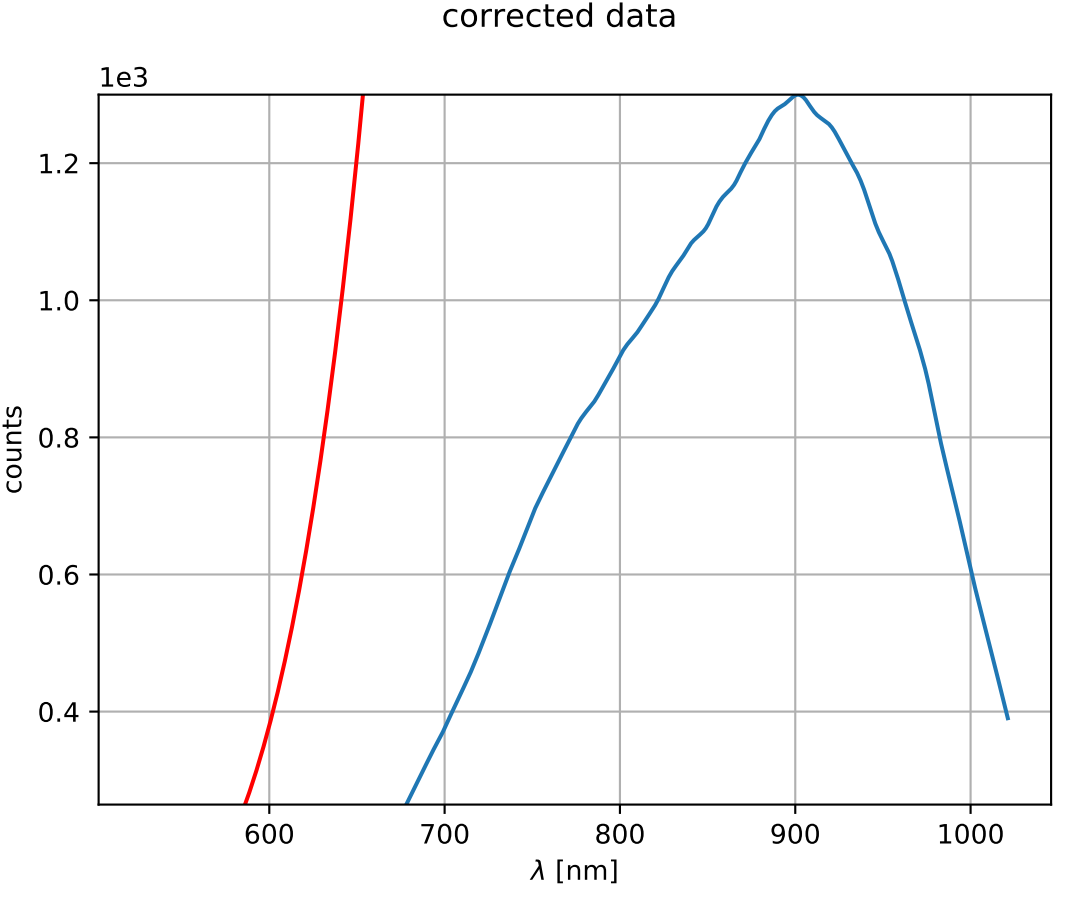

raw data
1e3
1.0
0.8
0.6
0.4
0.2
counts
500
550
600
650
700
750
800
λ [nm]

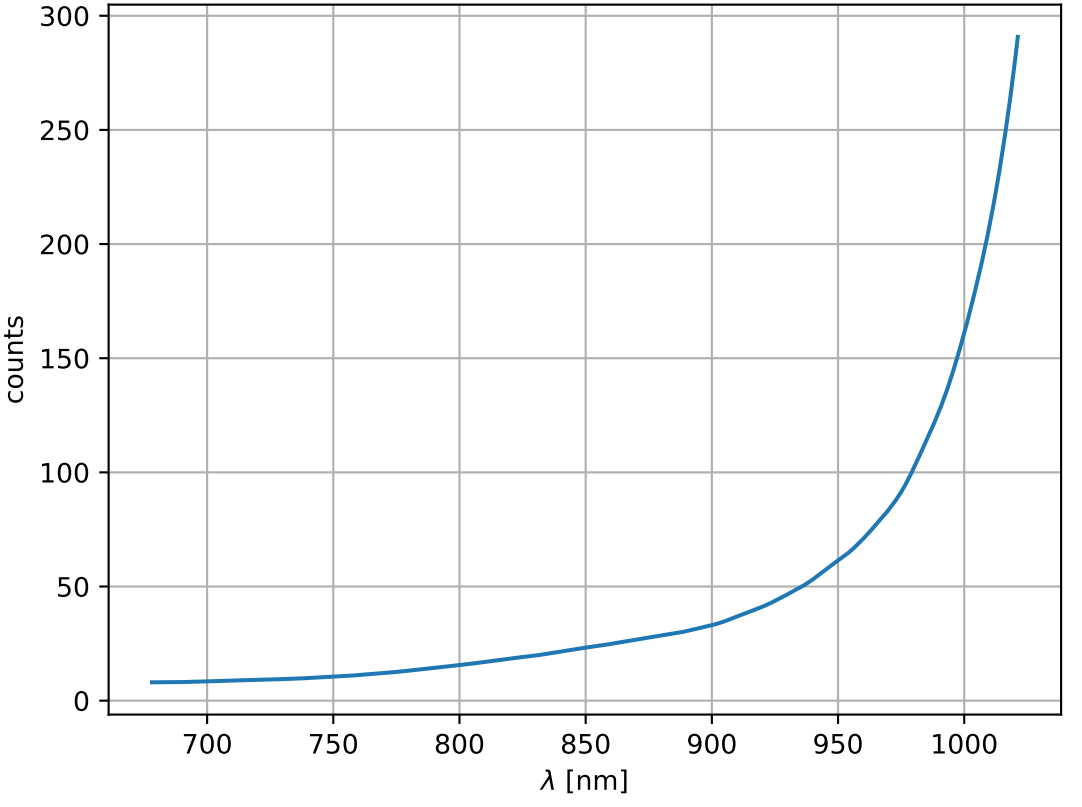

corrected data
1e3
1.2
1.0
0.8
0.6
0.4
0.2
counts
500
600
700
800
900
λ [nm]

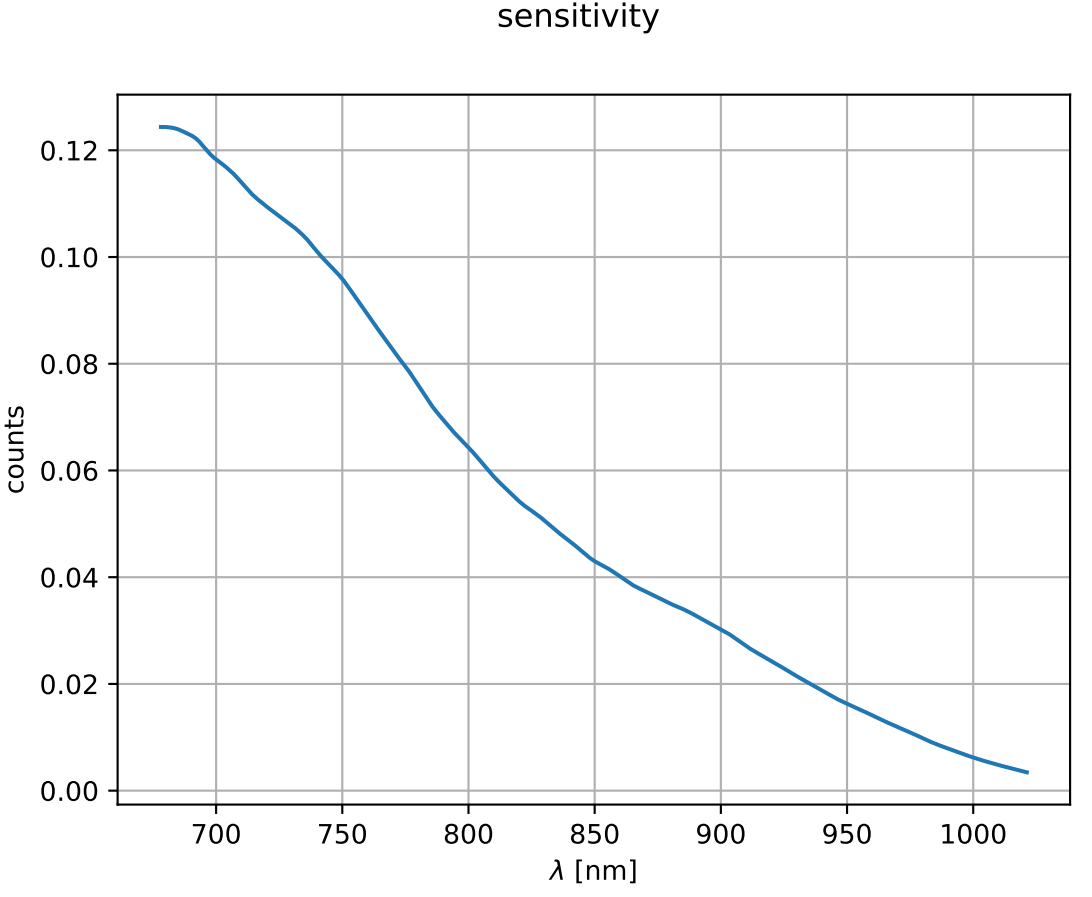

correction factor
counts
λ [nm]
90
80
70
60
50
40
30
20
10
650
700
750
800
850
900
950

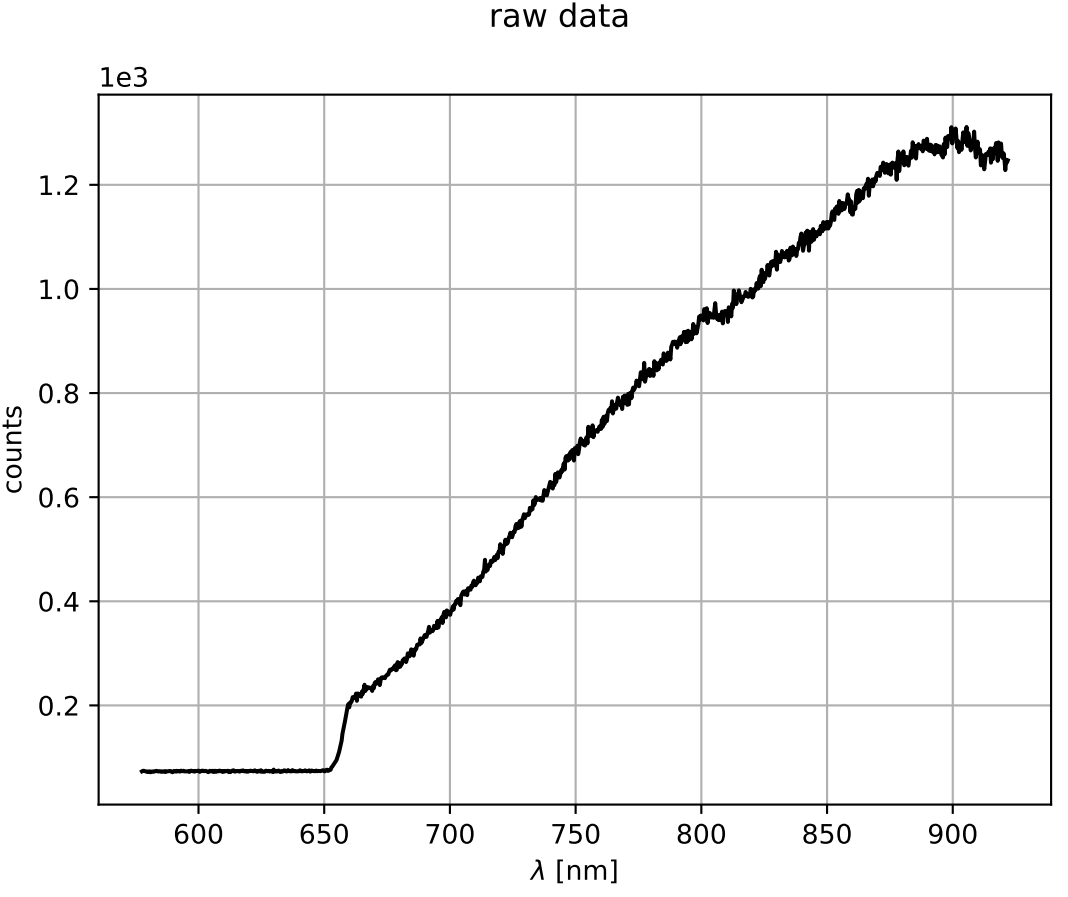

sensitivity
0.14
0.12
0.10
0.08
0.06
0.04
0.02
counts
650
700
750
800
850
900
950
λ [nm]

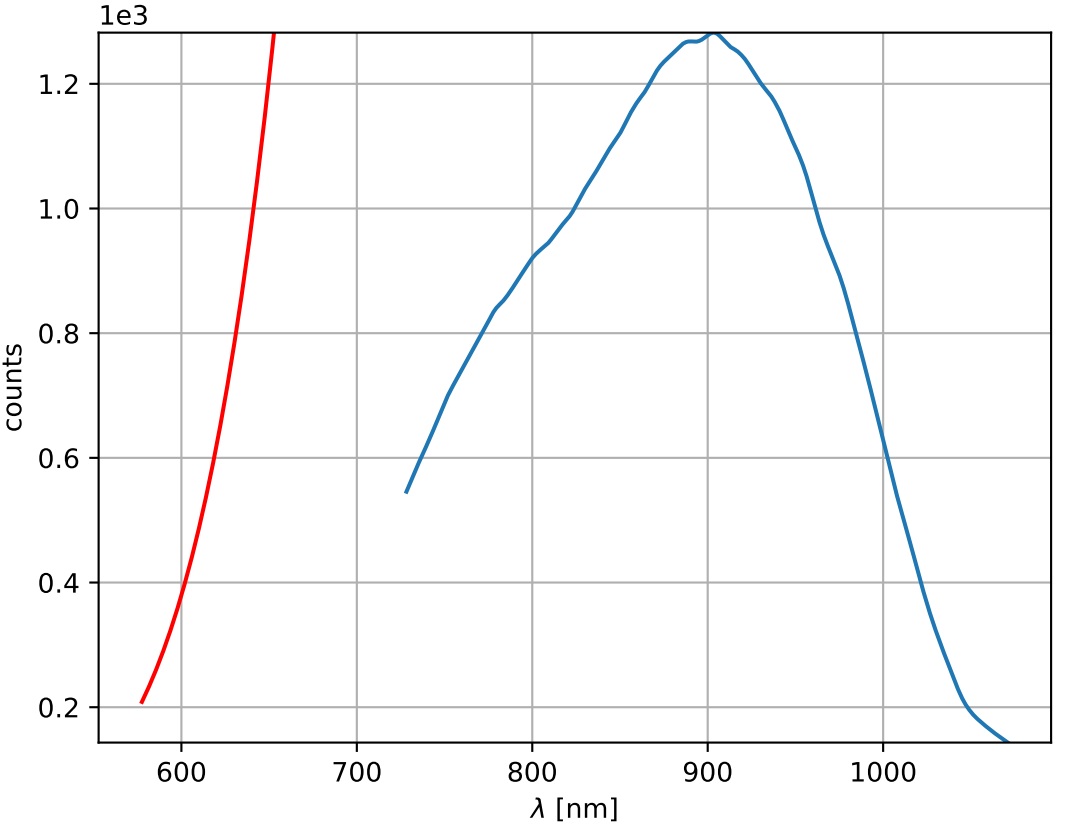

raw data
1e3
1.2
1.0
0.8
0.6
0.4
0.2
counts
550
600
650
700
750
800
850
λ [nm]

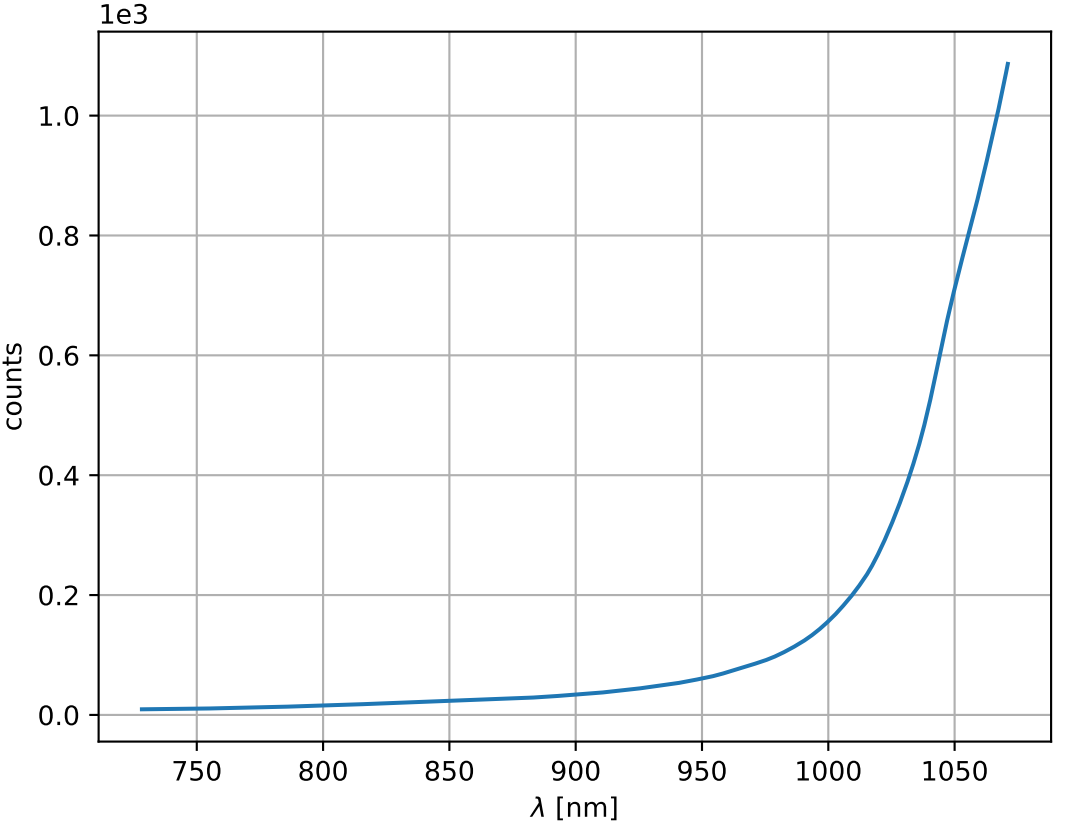

corrected data
1e3
1.2
1.0
0.8
0.6
0.4
counts
600
700
800
900
1000
λ [nm]

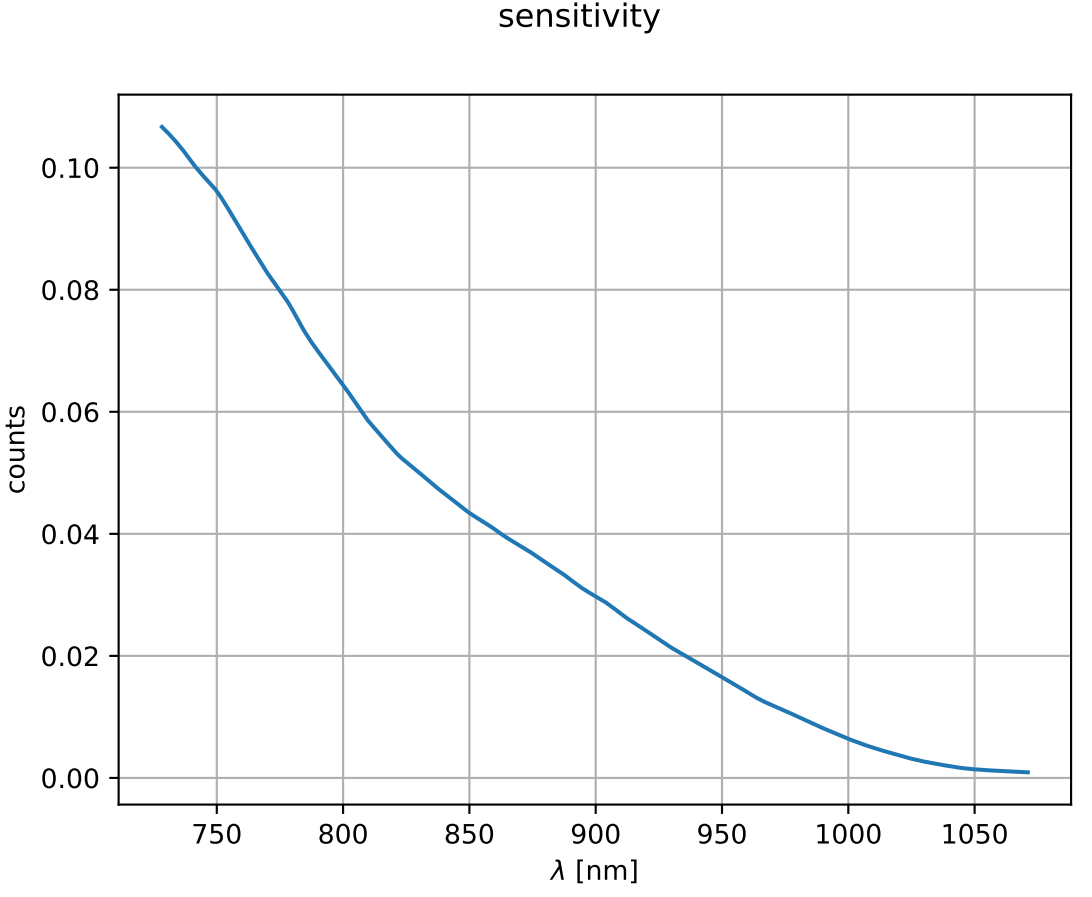

correction factor
counts
λ [nm]
0
50
100
150
200
250
300
700
750
800
850
900
950
1000

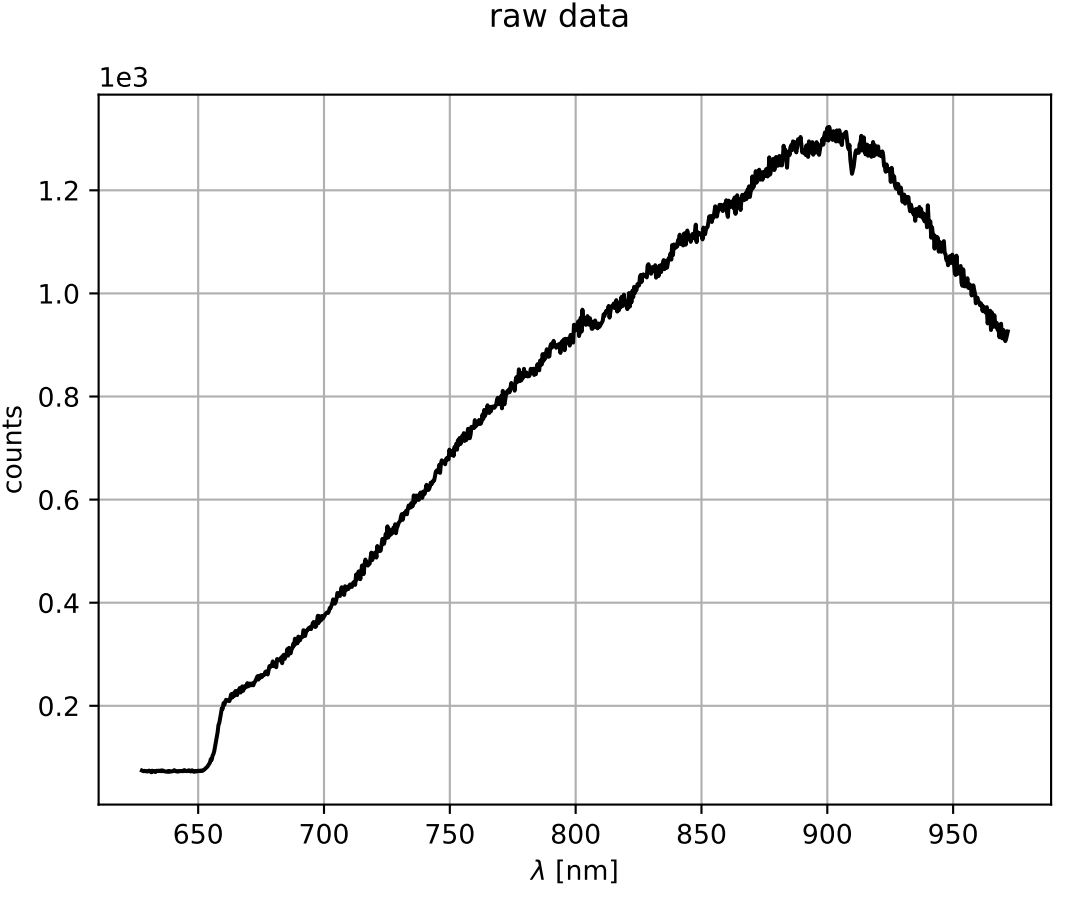

sensitivity
0.12
0.10
0.08
0.06
0.04
0.02
0.00
counts
700
750
800
850
900
950
1000
λ [nm]

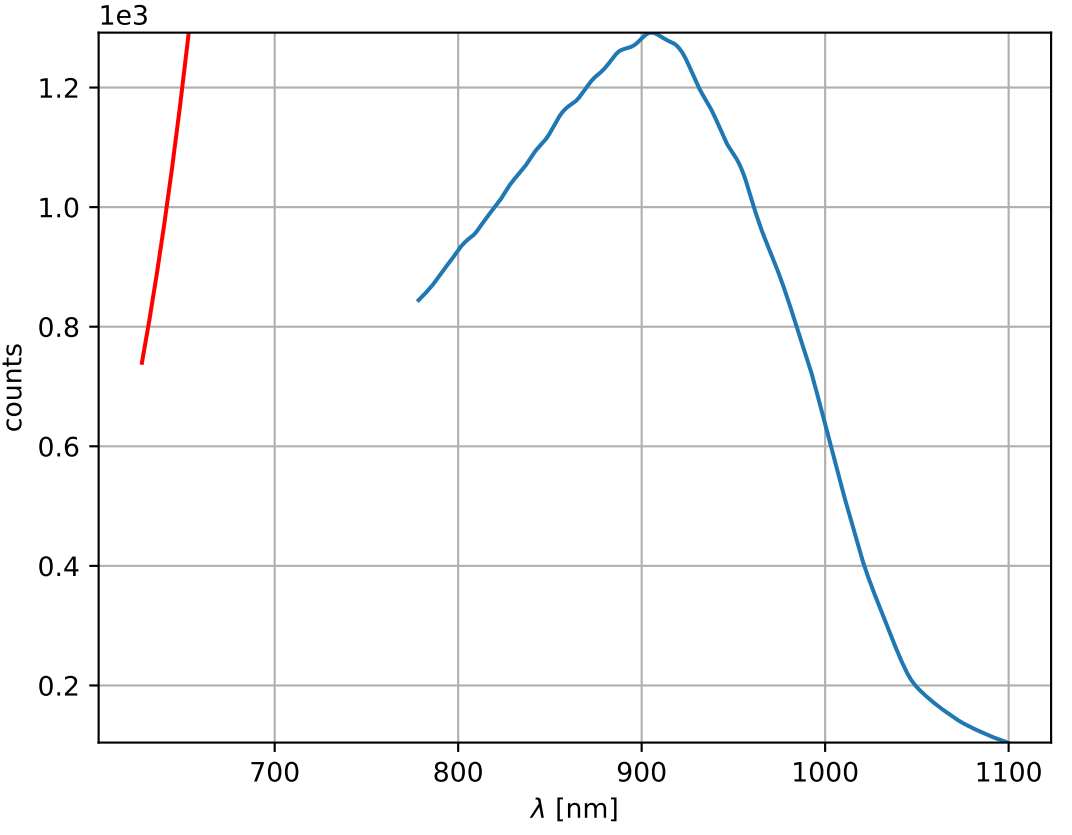

raw data
1e3
1.2
1.0
0.8
0.6
0.4
0.2
counts
600
650
700
750
800
850
900
λ [nm]

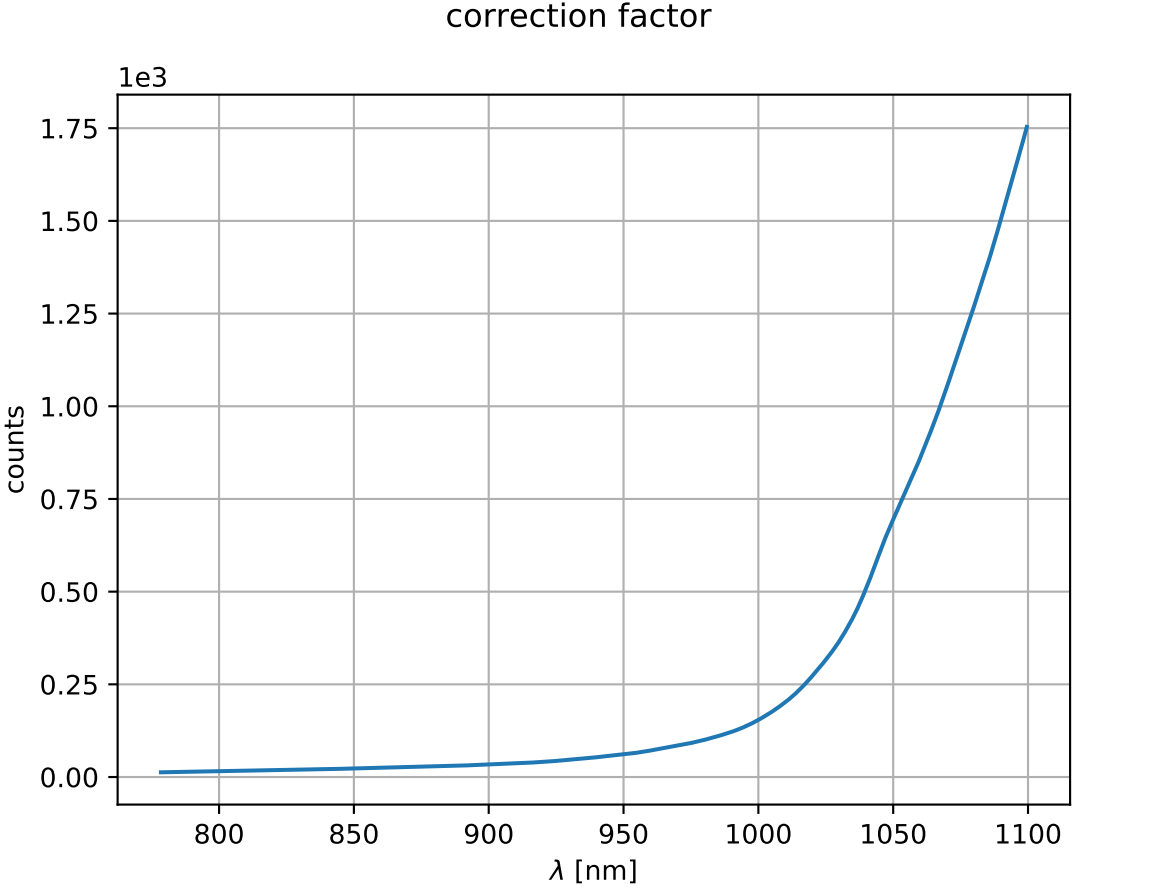

corrected data
1e3
1.2
1.0
0.8
0.6
0.4
0.2
counts
600
700
800
900
1000
λ [nm]

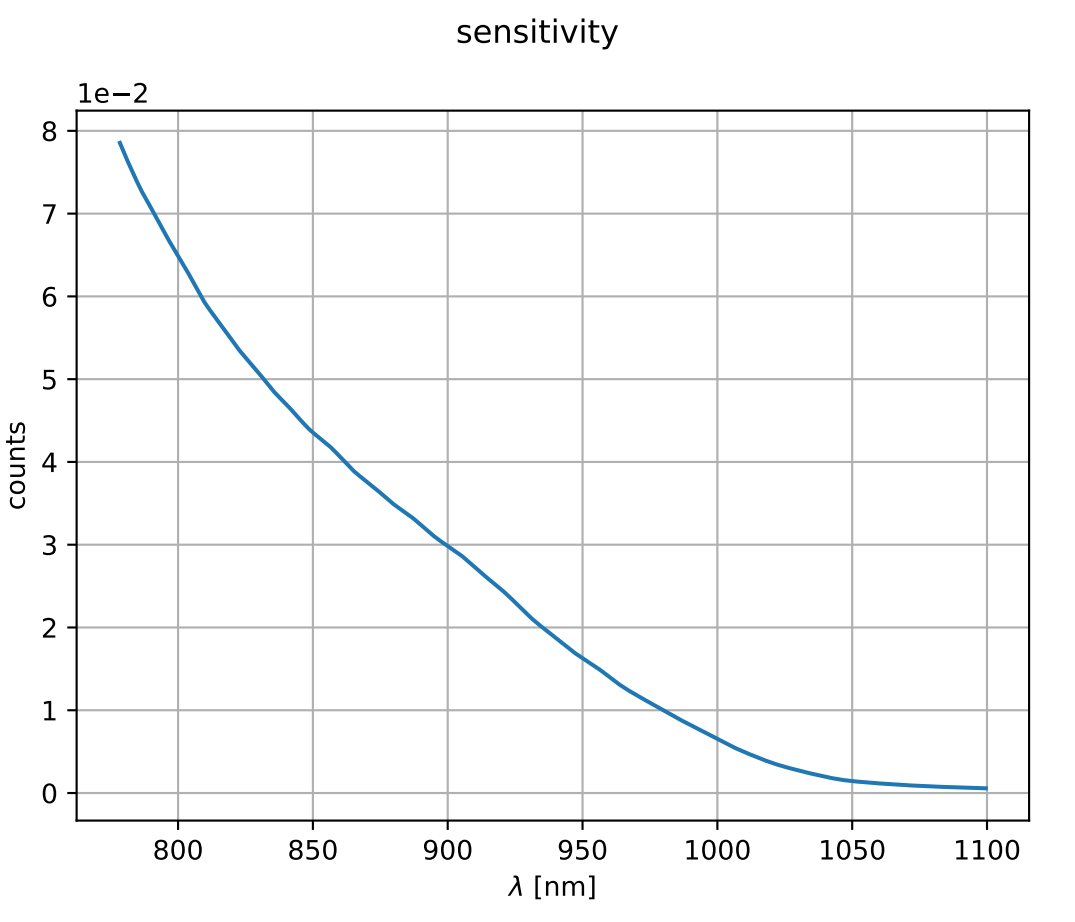

correction factor
1e3
1.0
0.8
0.6
0.4
0.2
0.0
counts
750
800
850
900
950
1000
1050
λ [nm]

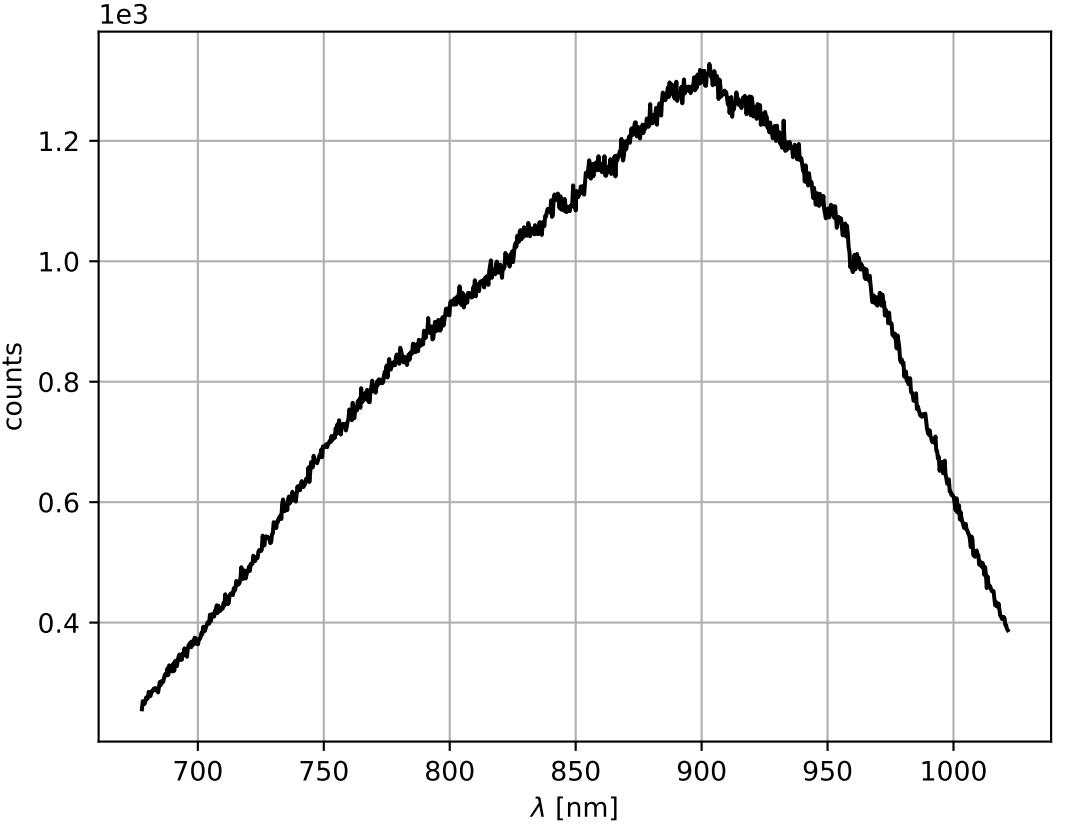

sensitivity
0.10
0.08
0.06
0.04
0.02
0.00
counts
750
800
850
900
950
1000
1050
λ [nm]

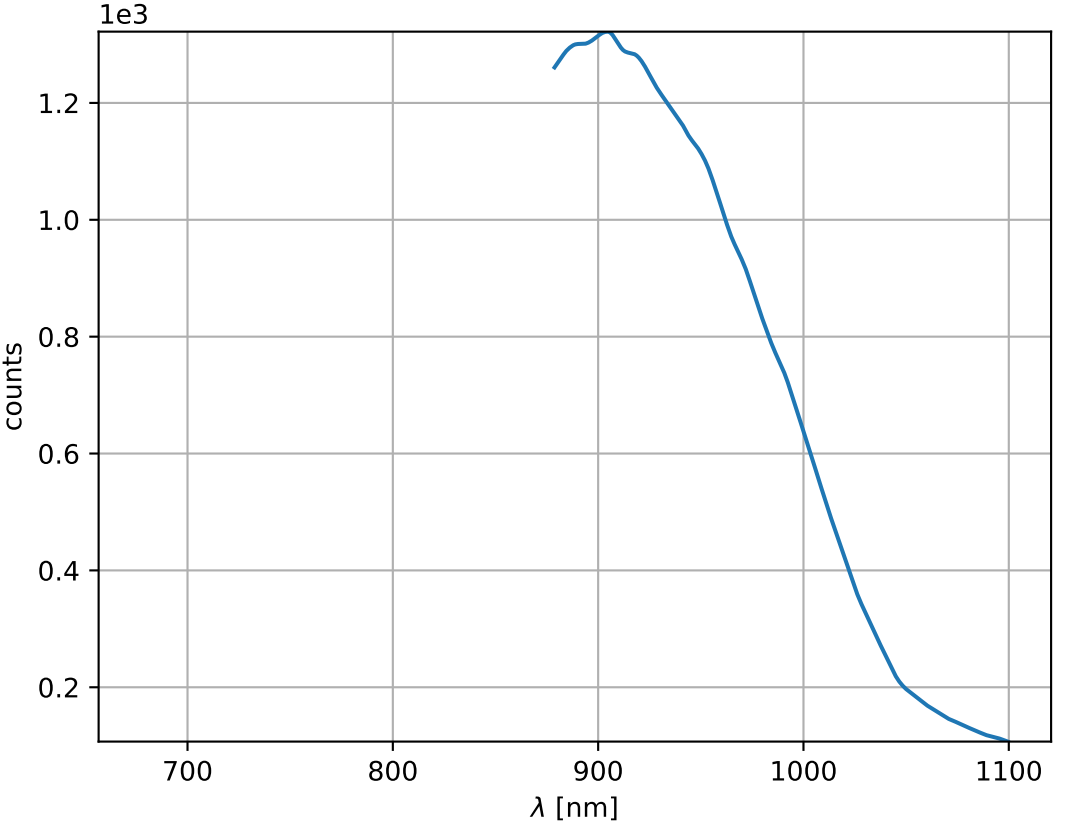

raw data
1e3
1.2
1.0
0.8
0.6
0.4
0.2
counts
650
700
750
800
850
900
950
λ [nm]

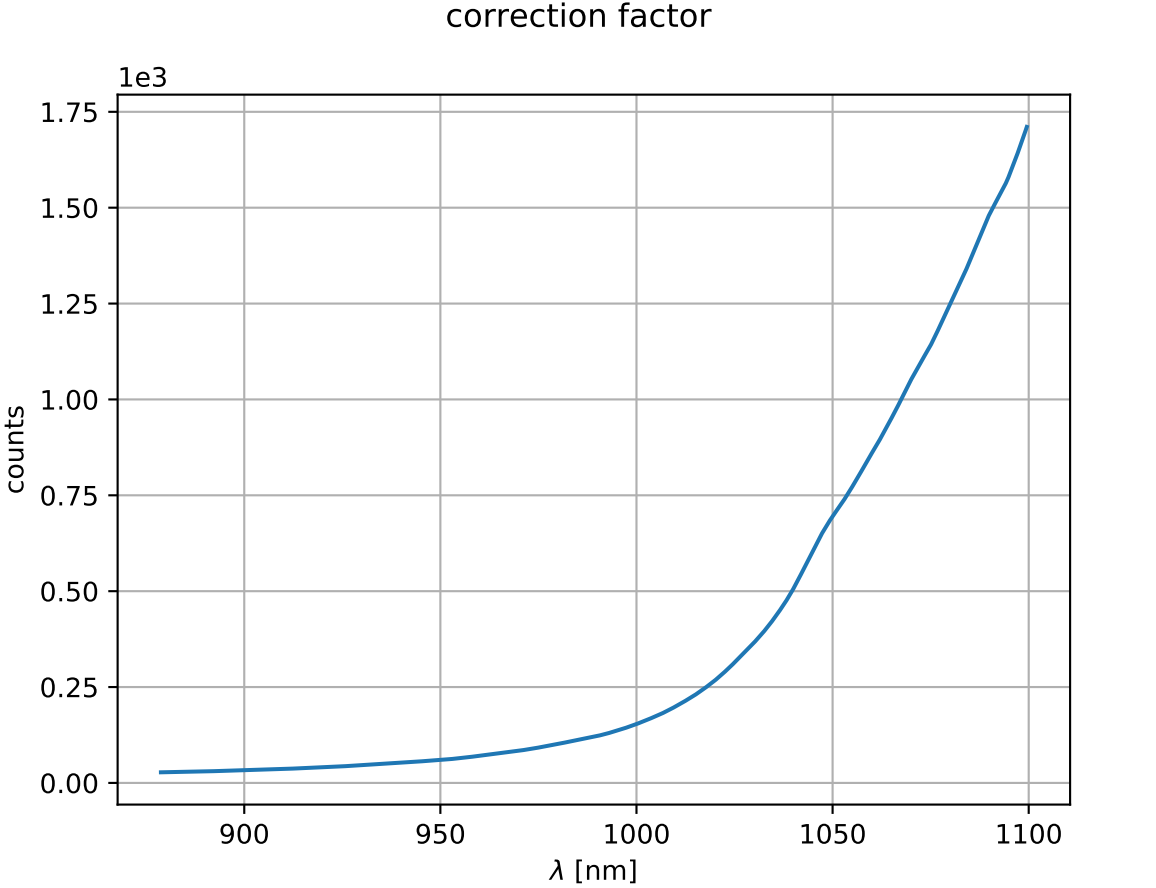

corrected data
1e3
1.2
1.0
0.8
0.6
0.4
0.2
counts
700
800
900
1000
1100
λ [nm]

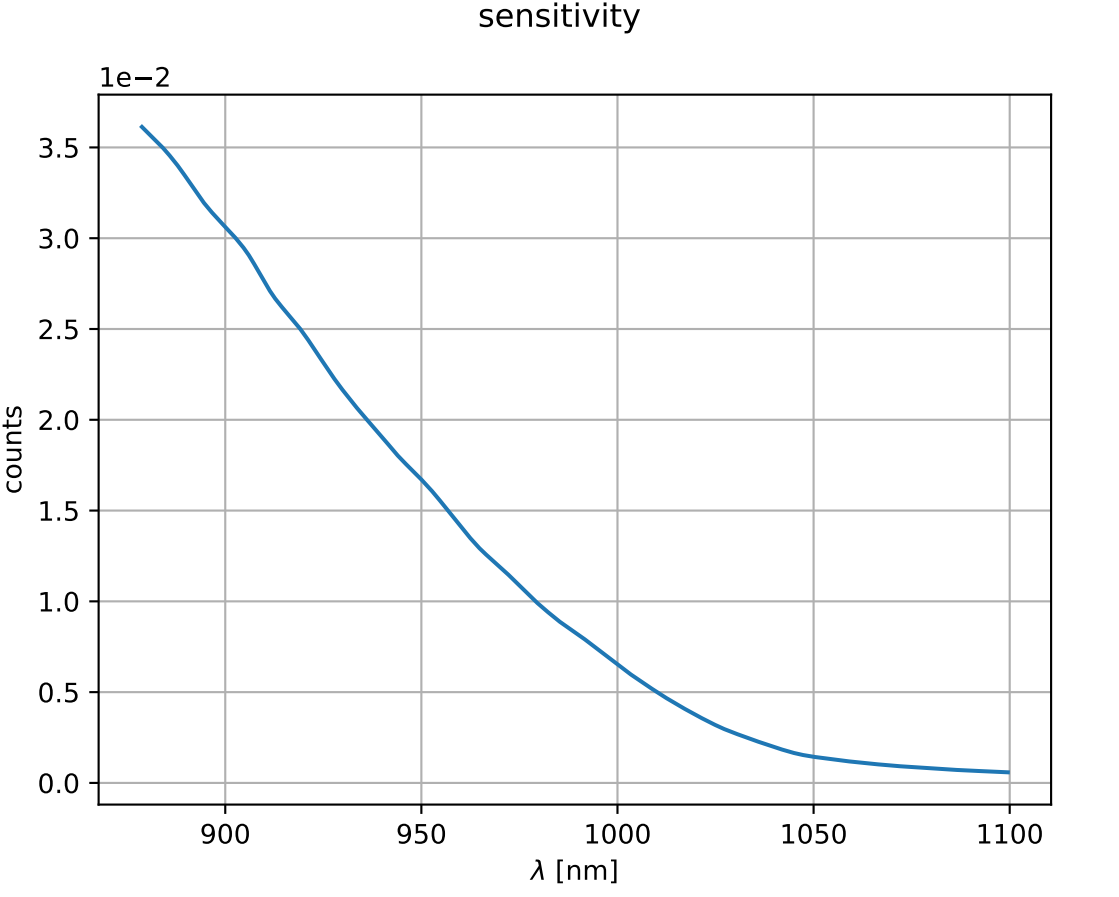

correction factor
1e3
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
counts
800
850
900
950
1000
1050
1100
λ [nm]

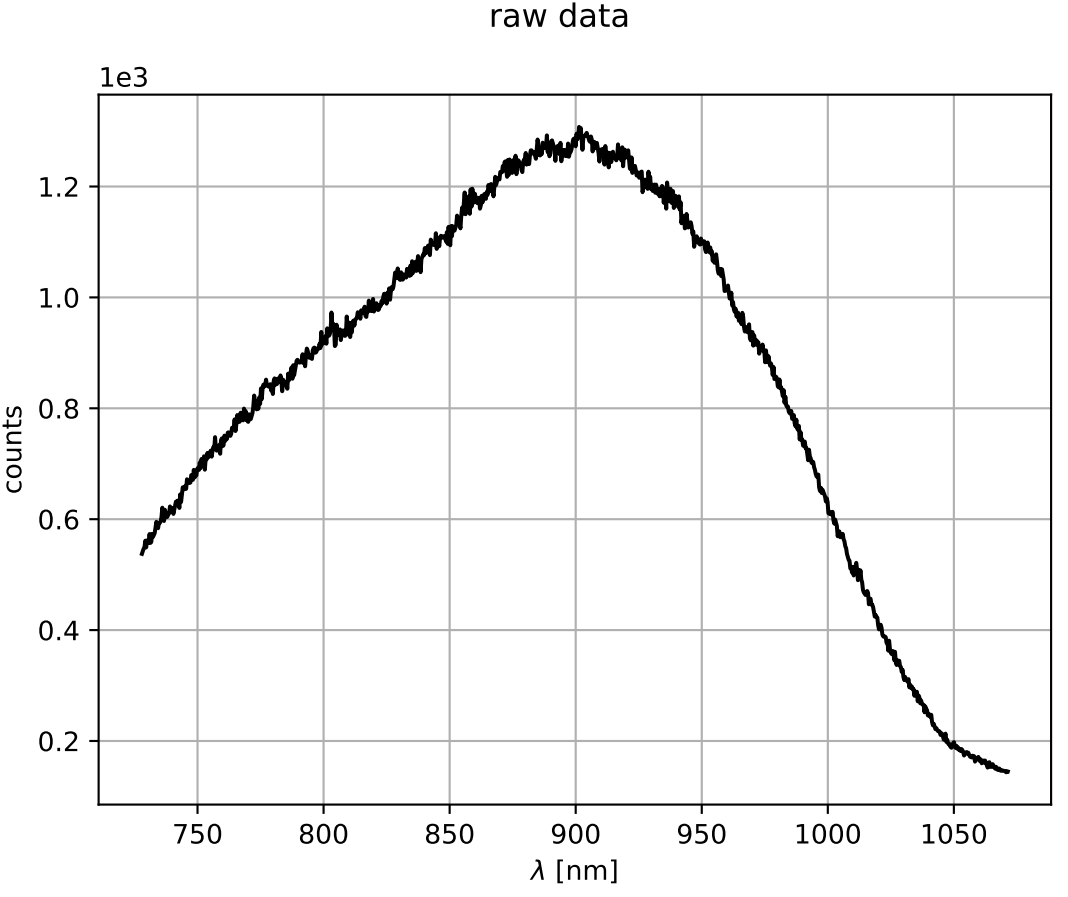

sensitivity
1e−2
8
7
6
5
4
3
2
1
0
counts
800
850
900
950
1000
1050
1100
λ [nm]

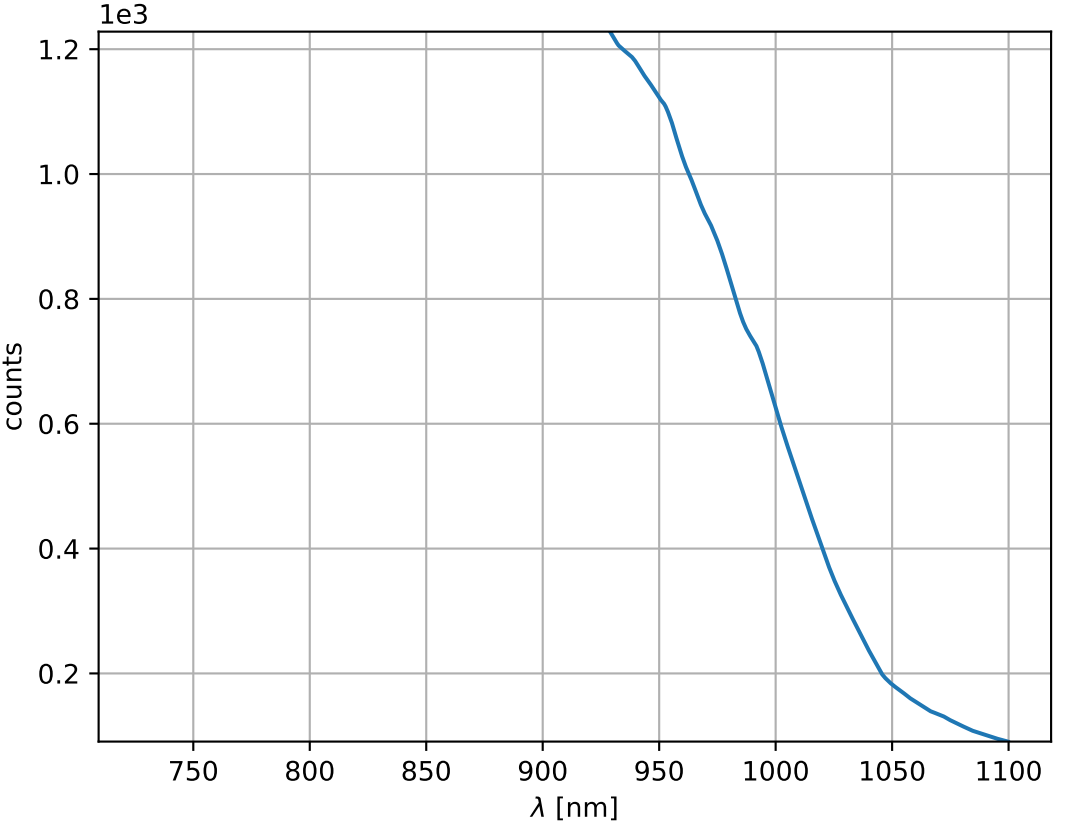

raw data
1e3
1.2
1.0
0.8
0.6
0.4
counts
700
750
800
850
900
950
1000
λ [nm]

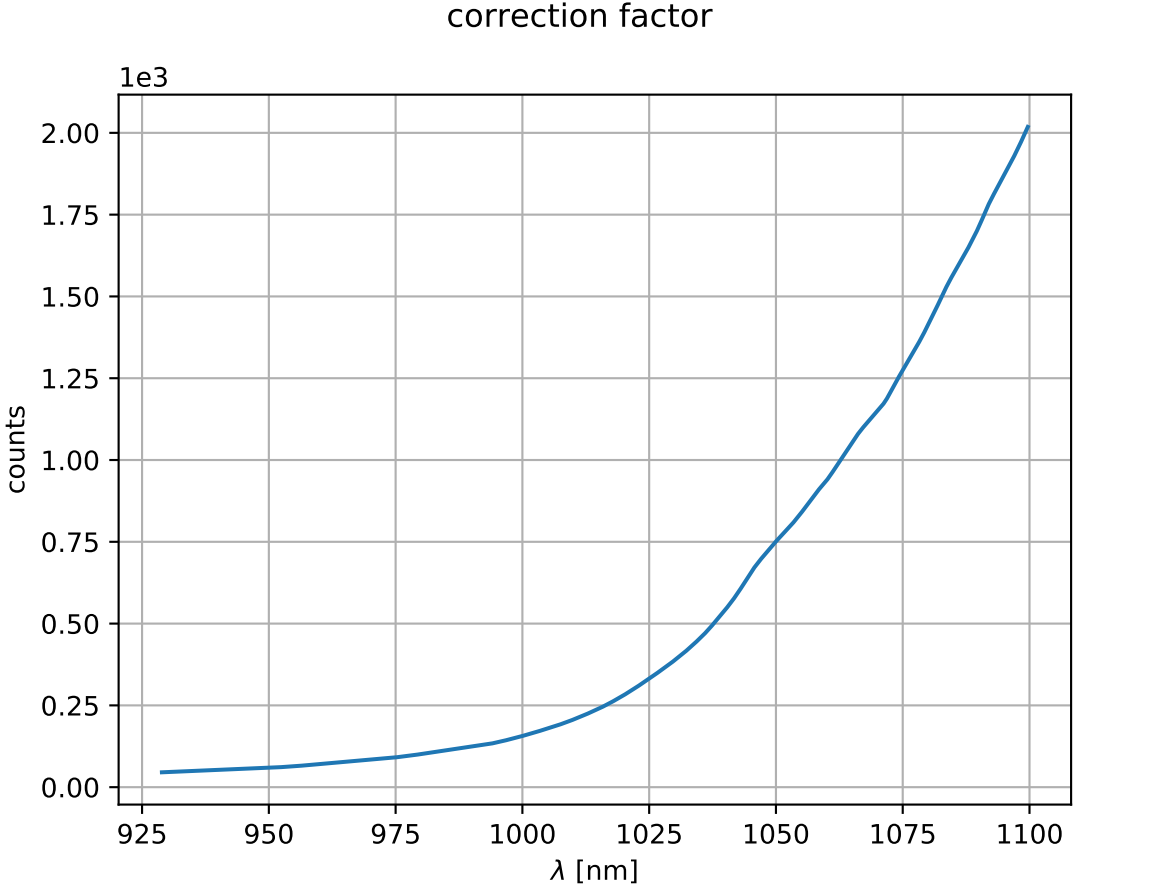

corrected data
1e3
1.2
1.0
0.8
0.6
0.4
0.2
counts
700
800
900
1000
1100
λ [nm]

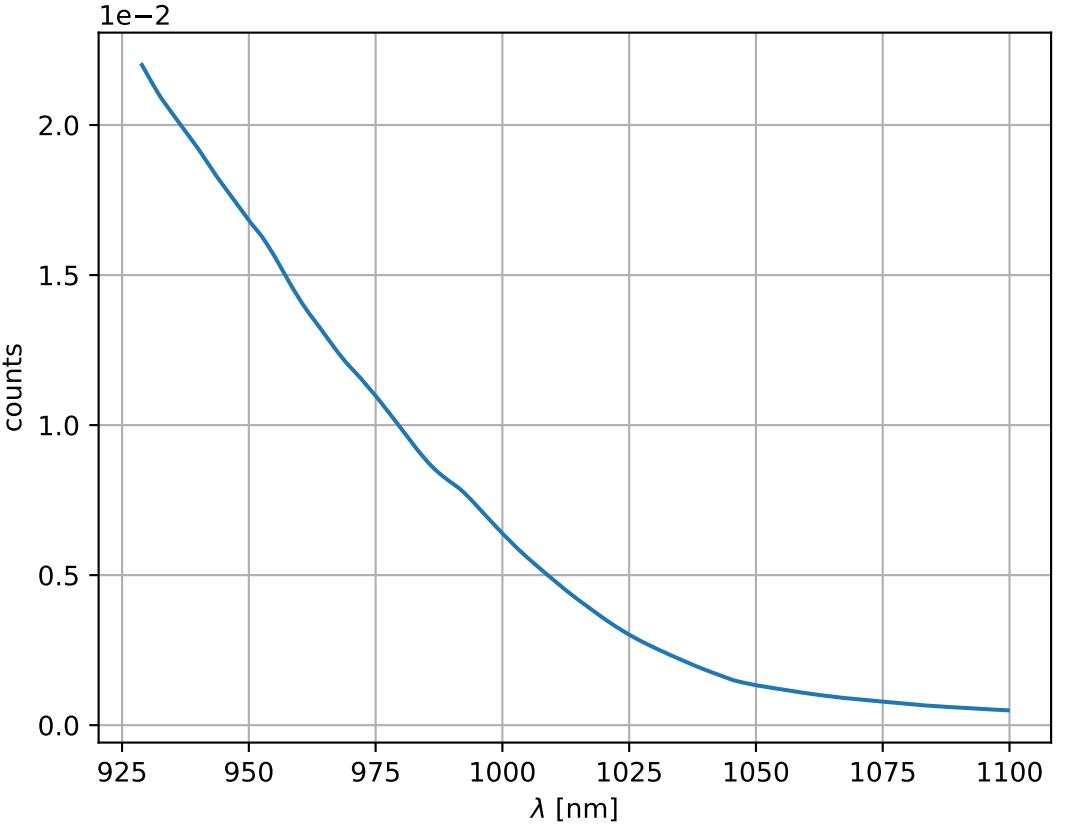

correction factor
1e3
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
counts
900
950
1000
1050
1100
λ [nm]

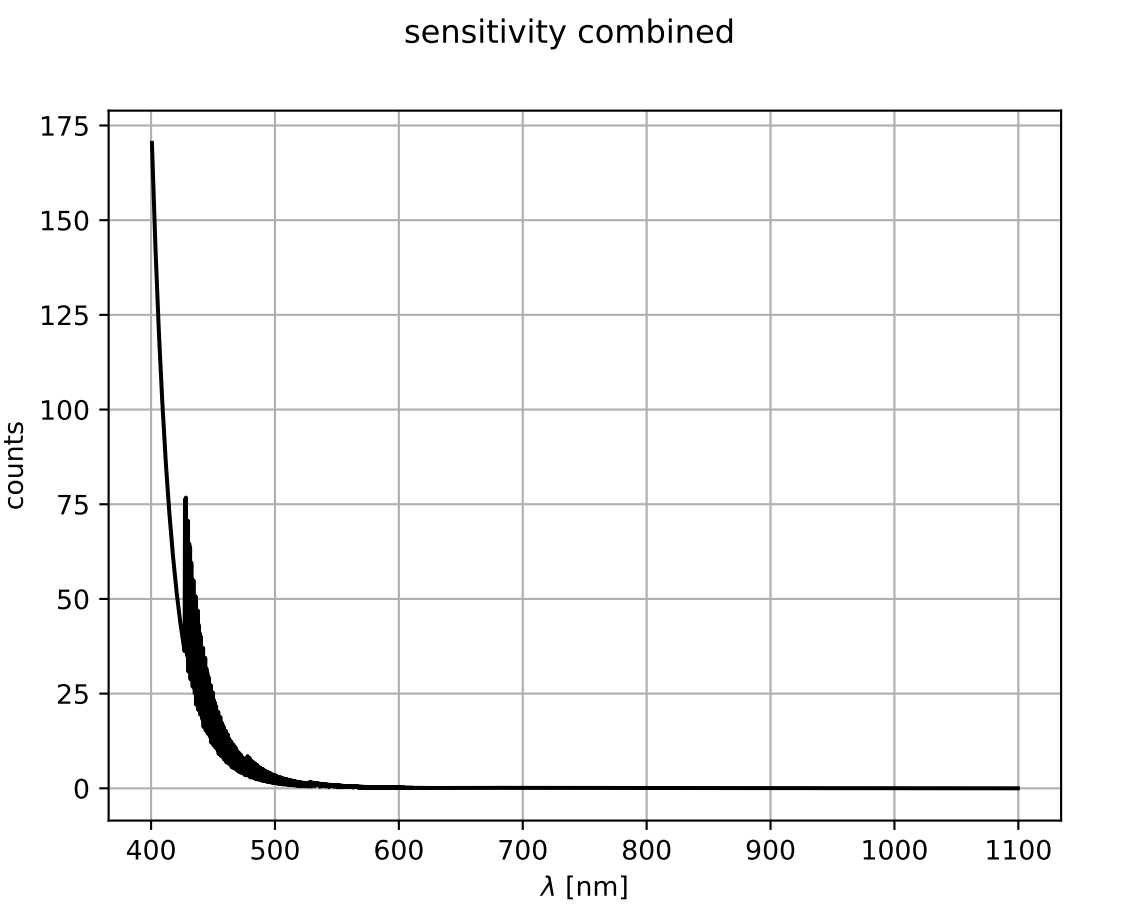

sensitivity
1e−2
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
counts
900
950
1000
1050
1100
λ [nm]

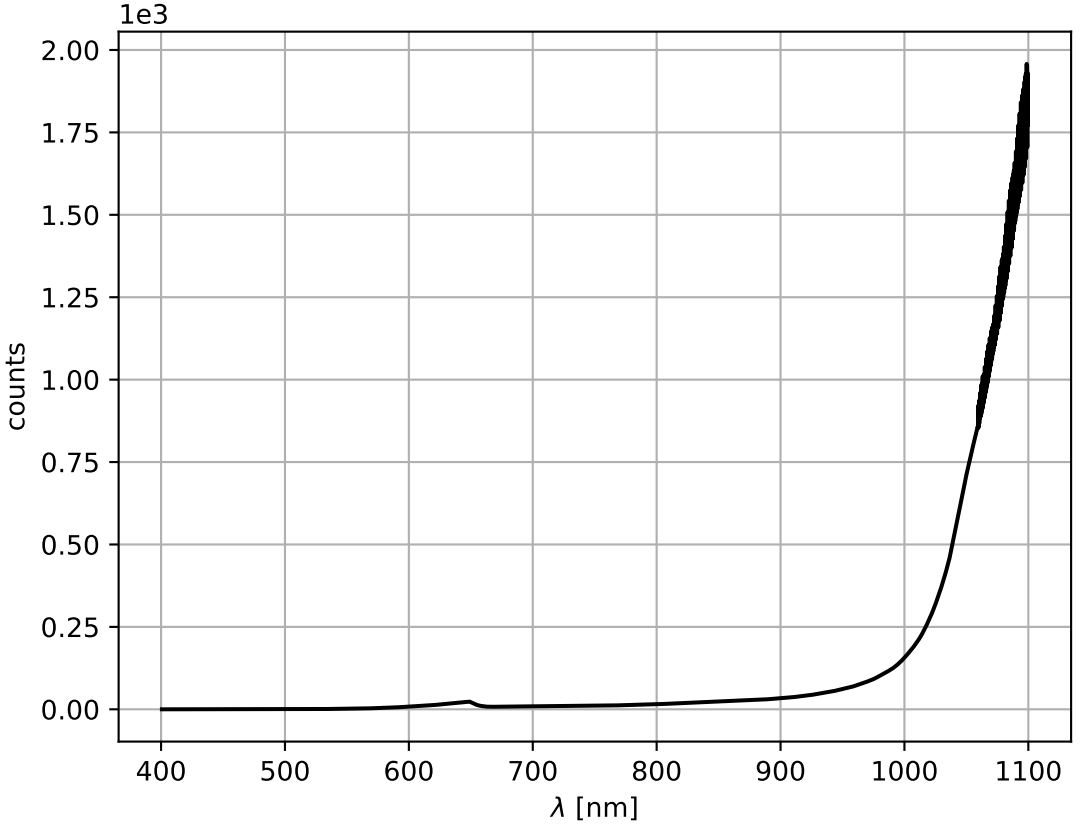

raw data
1e3
1.2
1.0
0.8
0.6
0.4
0.2
counts
750
800
850
900
950
1000
1050
λ [nm]


corrected data
1e3
1.2
1.0
0.8
0.6
0.4
0.2
counts
750
800
850
900
950
1000
1050
1100
λ [nm]


correction factor
1e3
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
counts
925
950
975
1000
1025
1050
1075
1100
λ [nm]


sensitivity
1e−2
2.0
1.5
1.0
0.5
0.0
counts
925
950
975
1000
1025
1050
1075
1100
λ [nm]


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


correction factor combined
1e3
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
counts
400
500
600
700
800
900
1000
1100
λ [nm]