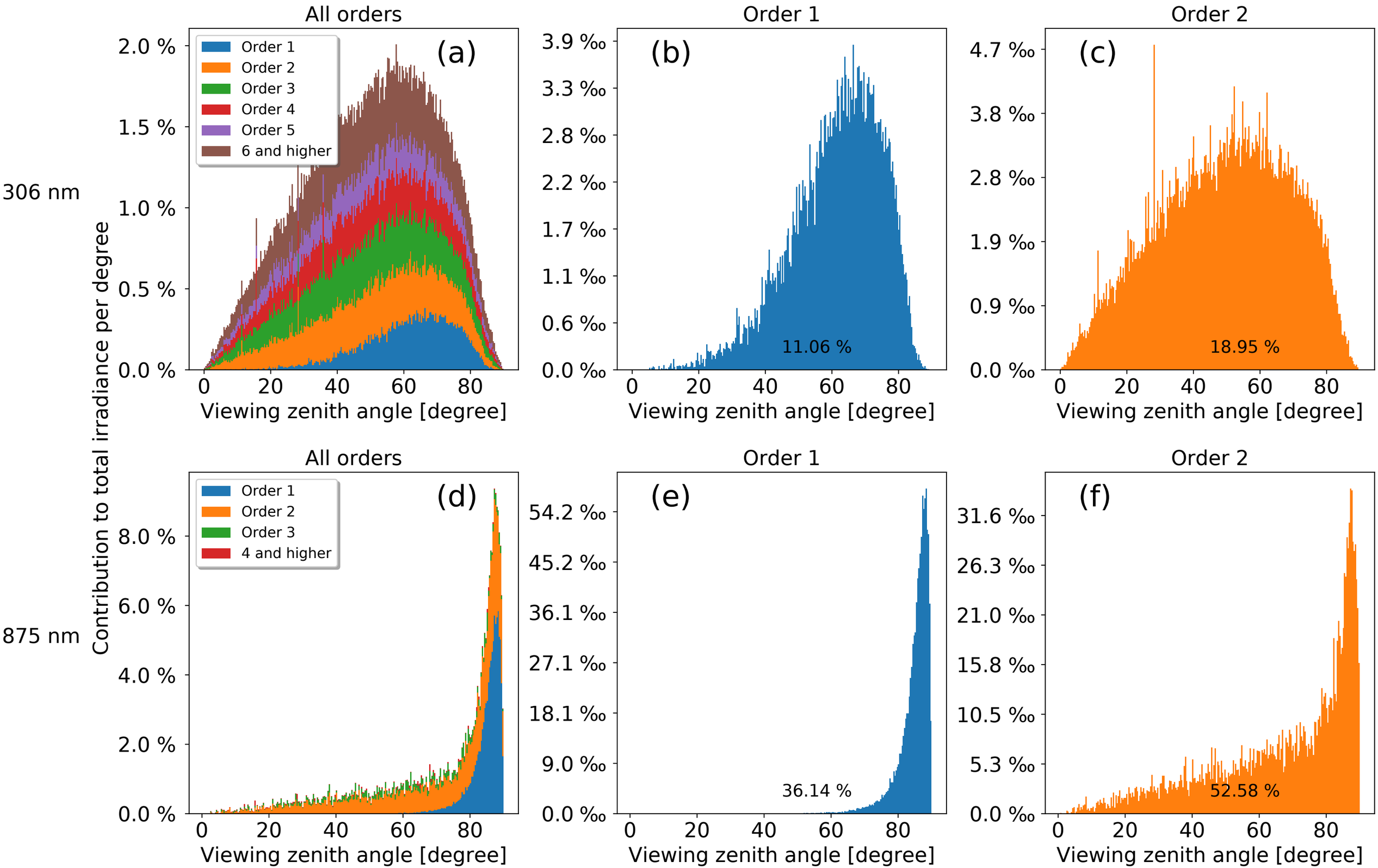
All orders
Order 1
Order 2
Order 3
Order 4
Order 5
6 and higher
(a)
2.0 %
1.5 %
1.0 %
0.5 %
0.0 %
306 nm
Contribution to total irradiance per degree
0
20
40
60
80
Viewing zenith angle [degree]
Order 1
(b)
3.9 ‰
3.3 ‰
2.8 ‰
2.2 ‰
1.7 ‰
1.1 ‰
0.6 ‰
0.0 ‰
11.06 %
Viewing zenith angle [degree]
Order 2
(c)
4.7 ‰
3.8 ‰
2.8 ‰
1.9 ‰
0.9 ‰
0.0 ‰
18.95 %
Viewing zenith angle [degree]
All orders
Order 1
Order 2
Order 3
4 and higher
(d)
8.0 %
6.0 %
4.0 %
2.0 %
0.0 %
875 nm
Viewing zenith angle [degree]
Order 1
(e)
54.2 ‰
45.2 ‰
36.1 ‰
27.1 ‰
18.1 ‰
9.0 ‰
0.0 ‰
36.14 %
Viewing zenith angle [degree]
Order 2
(f)
31.6 ‰
26.3 ‰
21.0 ‰
15.8 ‰
10.5 ‰
5.3 ‰
0.0 ‰
52.58 %
Viewing zenith angle [degree]