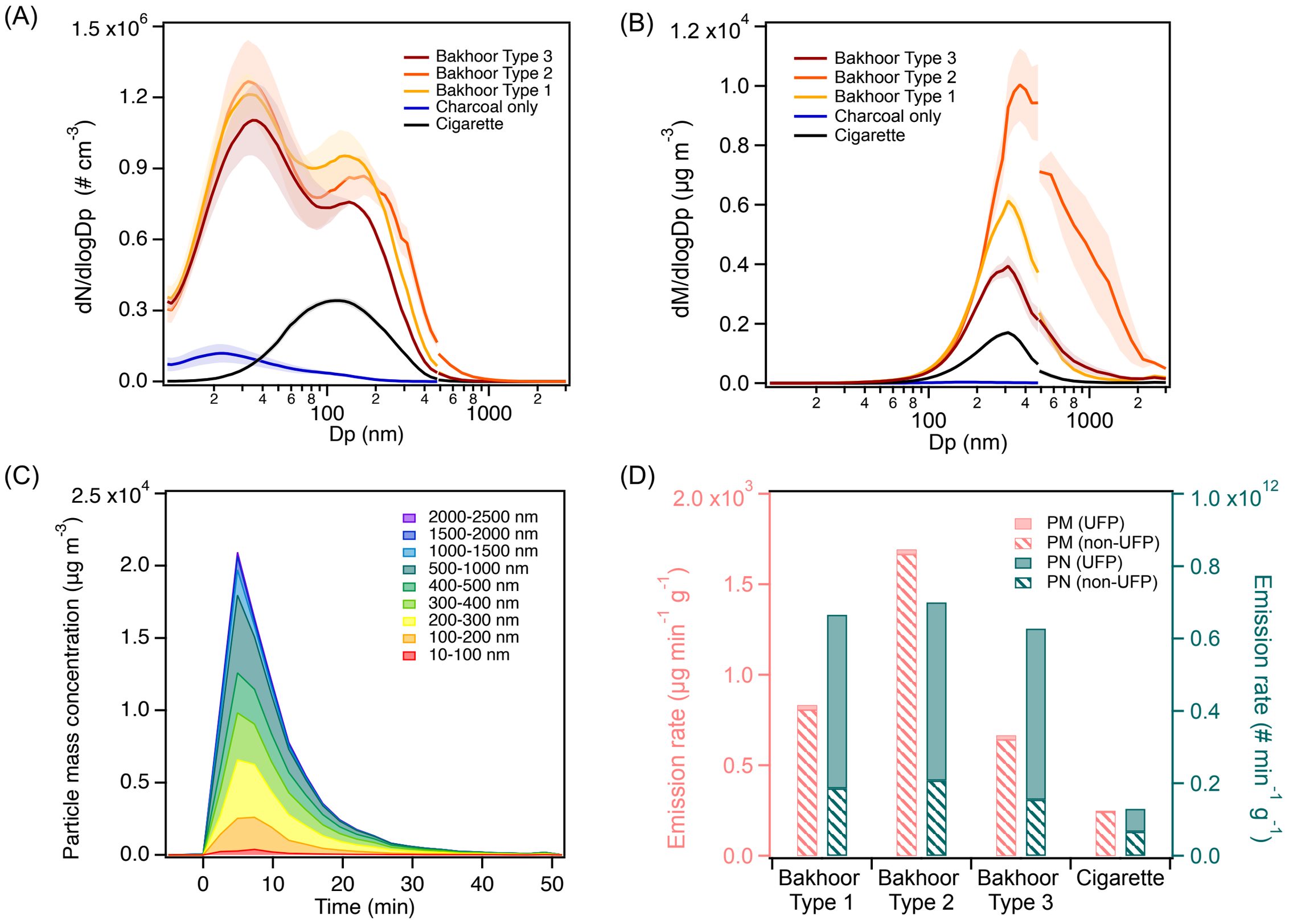
(A)
1.5 x10^6
1.2
0.9
0.6
0.3
0.0
dN/dlogDp (# cm^-3)
Bakhoor Type 3
Bakhoor Type 2
Bakhoor Type 1
Charcoal only
Cigarette
2 4 6 8 100 2 4 6 8 1000 2
Dp (nm)
(B)
1.2 x10^4
1.0
0.8
0.6
0.4
0.2
0.0
dM/dlogDp (µg m^-3)
Bakhoor Type 3
Bakhoor Type 2
Bakhoor Type 1
Charcoal only
Cigarette
2 4 6 8 100 2 4 6 8 1000 2
Dp (nm)
(C)
2.5 x10^4
2.0
1.5
1.0
0.5
0.0
Particle mass concentration (µg m^-3)
2000-2500 nm
1500-2000 nm
1000-1500 nm
500-1000 nm
400-500 nm
300-400 nm
200-300 nm
100-200 nm
10-100 nm
0 10 20 30 40 50
Time (min)
(D)
2.0 x10^3
1.5
1.0
0.5
0.0
Emission rate (µg min^-1 g^-1)
1.0 x10^12
0.8
0.6
0.4
0.2
0.0
Emission rate (# min^-1 g^-1)
PM (UFP)
PM (non-UFP)
PN (UFP)
PN (non-UFP)
Bakhoor Type 1
Bakhoor Type 2
Bakhoor Type 3
Cigarette