080909 4.5 km, 317 K
dNdlogR
dSFAdlogR
dVOLdlogR
N(≥r)
N(cm⁻³), dn/dlogR(cm⁻³)
RADIUS (μm)
ND08A
N₁= 191 cm⁻³
r₁=0.074 μm
σ₁= 2.12
A₁= 40.6 μm² cm⁻³
m₁= 5.45 ppbm
N₂= 5.16 cm⁻³
r₂= 4.39 μm
σ₂= 1.18
A₂= 1320 μm² cm⁻³
m₂= 2720 ppbm
Σᵢ(ln(Nₘ(r)/N_d(r)))²=2.81
080909 5 km, 320 K
N₁= 143 cm⁻³
r₁= 0.14 μm
σ₁= 1.63
A₁= 57.8 μm² cm⁻³
m₁= 6.87 ppbm
N₂= 17.28 cm⁻³
r₂= 3.99 μm
σ₂= 1.20
A₂= 1550 μm² cm⁻³
m₂= 3100 ppbm
Σᵢ(ln(Nₘ(r)/N_d(r)))²=2.04
080909 5.5 km, 322 K
N₁= 274 cm⁻³
r₁=0.039 μm
σ₁= 2.09
A₁= 12.1 μm² cm⁻³
m₁= 0.90 ppbm
N₂= 1.39 cm⁻³
r₂= 0.57 μm
σ₂= 1.81
A₂= 11.5 μm² cm⁻³
m₂= 7.72 ppbm
Σᵢ(ln(Nₘ(r)/N_d(r)))²=4.95
080909 6 km, 324 K
N₁= 335 cm⁻³
r₁=0.035 μm
σ₁= 1.74
A₁= 9.60 μm² cm⁻³
m₁= 0.37 ppbm
N₂= 0.61 cm⁻³
r₂= 0.36 μm
σ₂= 2.05
A₂= 2.73 μm² cm⁻³
m₂= 1.81 ppbm
Σᵢ(ln(Nₘ(r)/N_d(r)))²=3.92

080909 6.5 km, 326 K
N1= 382 cm-3
r1=0.021 μm
σ1= 2.14
A1= 6.62 μm2 cm-3
m1= 0.32 ppbm
N2= 1.20 cm-3
r2= 3.91 μm
σ2= 1.22
A2= 249 μm2 cm-3
m2= 581 ppbm
Σi(ln(Nm(r)/Nc(r)))2=1.92
080909 7 km, 331 K
N1= 481 cm-3
r1=0.010 μm
σ1= 2.27
A1= 2.27 μm2 cm-3
m1=0.069 ppbm
N2= 0.25 cm-3
r2= 4.88 μm
σ2= 1.17
A2= 78.1 μm2 cm-3
m2= 234 ppbm
Σi(ln(Nm(r)/Nc(r)))2=0.87
080909 7.5 km, 334 K
N1= 519 cm-3
r1=0.011 μm
σ1= 2.14
A1= 2.60 μm2 cm-3
m1=0.075 ppbm
N2=0.016 cm-3
r2= 0.67 μm
σ2= 1.54
A2= 0.13 μm2 cm-3
m2=0.087 ppbm
Σi(ln(Nm(r)/Nc(r)))2=6.03
080909 8 km, 335 K
N1= 534 cm-3
r1=0.007 μm
σ1= 2.68
A1= 2.01 μm2 cm-3
m1=0.095 ppbm
N2=0.002 cm-3
r2= 1.48 μm
σ2= 1.30
A2=0.067 μm2 cm-3
m2=0.075 ppbm
Σi(ln(Nm(r)/Nc(r)))2=5.25
080909 8.5 km, 338 K
N1= 547 cm-3
r1=0.005 μm
σ1= 2.66
A1= 1.35 μm2 cm-3
m1=0.054 ppbm
N2=0.005 cm-3
r2= 0.92 μm
σ2= 1.73
A2=0.096 μm2 cm-3
m2= 0.13 ppbm
Σi(ln(Nm(r)/Nc(r)))2=6.61
080909 9 km, 339 K
N1= 503 cm-3
r1=0.009 μm
σ1= 2.50
A1= 2.67 μm2 cm-3
m1= 0.14 ppbm
N2=0.002 cm-3
r2= 0.91 μm
σ2= 1.75
A2=0.049 μm2 cm-3
m2=0.069 ppbm
Σi(ln(Nm(r)/Nc(r)))2=3.16
080909 9.5 km, 341 K
N1= 532 cm-3
r1=0.017 μm
σ1= 1.87
A1= 4.35 μm2 cm-3
m1= 0.15 ppbm
N2=0.041 cm-3
r2= 0.44 μm
σ2= 1.82
A2= 0.20 μm2 cm-3
m2= 0.17 ppbm
Σi(ln(Nm(r)/Nc(r)))2=5.73
080909 10 km, 343 K
N1= 541 cm-3
r1=0.007 μm
σ1= 2.67
A1= 2.24 μm2 cm-3
m1= 0.14 ppbm
N2=.0009 cm-3
r2= 3.28 μm
σ2= 1.15
A2= 0.13 μm2 cm-3
m2= 0.35 ppbm
Σi(ln(Nm(r)/Nc(r)))2=6.73
080909 10.5 km, 344 K
N1= 581 cm-3
r1=0.008 μm
σ1= 2.63
A1= 2.80 μm2 cm-3
m1= 0.19 ppbm
N2=0.002 cm-3
r2= 2.72 μm
σ2= 1.20
A2= 0.22 μm2 cm-3
m2= 0.55 ppbm
Σi(ln(Nm(r)/Nc(r)))2=5.80
080909 11 km, 345 K
N1= 589 cm-3
r1=0.019 μm
σ1= 1.77
A1= 5.29 μm2 cm-3
m1= 0.20 ppbm
N2=0.085 cm-3
r2= 0.29 μm
σ2= 2.31
A2= 0.36 μm2 cm-3
m2= 0.54 ppbm
Σi(ln(Nm(r)/Nc(r)))2=3.44
080909 11.5 km, 346 K
N1= 606 cm-3
r1=0.007 μm
σ1= 2.66
A1= 2.54 μm2 cm-3
m1= 0.18 ppbm
N2=.0009 cm-3
r2= 3.09 μm
σ2= 1.17
A2= 0.12 μm2 cm-3
m2= 0.36 ppbm
Σi(ln(Nm(r)/Nc(r)))2=8.01
080909 12 km, 347 K
N1= 608 cm-3
r1=0.006 μm
σ1= 2.72
A1= 1.91 μm2 cm-3
m1= 0.13 ppbm
N2=.0010 cm-3
r2= 2.46 μm
σ2= 1.12
A2=0.077 μm2 cm-3
m2= 0.19 ppbm
Σi(ln(Nm(r)/Nc(r)))2=6.24
dNdlogR
dSFAdlogR
dVOLdlogR
N(≥r)
N(cm-3), dn/dlogR(cm-3)
RADIUS (μm)
ND08A

080909 12.5 km, 348 K
N(ar)
dNdlogR
dSFAdlogR
dVOLdlogR
N1= 628 cm-3
r1=0.013 μm
σ1= 1.97
A1= 3.49 μm2 cm-3
m1= 0.15 ppbm
N2=0.005 cm-3
r2= 0.85 μm
σ2= 2.06
A2= 0.13 μm2 cm-3
m2= 0.43 ppbm
Σi(ln(Nm(r)/Ns(r)))2=7.23
080909 13 km, 350 K
N1= 636 cm-3
r1=0.010 μm
σ1= 2.37
A1= 3.48 μm2 cm-3
m1= 0.25 ppbm
N2=0.003 cm-3
r2= 1.15 μm
σ2= 1.59
A2=0.064 μm2 cm-3
m2= 0.14 ppbm
Σi(ln(Nm(r)/Ns(r)))2=5.07
080909 13.5 km, 351 K
N1= 637 cm-3
r1=0.009 μm
σ1= 2.61
A1= 3.66 μm2 cm-3
m1= 0.37 ppbm
N2=0.002 cm-3
r2= 2.95 μm
σ2= 1.18
A2= 0.20 μm2 cm-3
m2= 0.75 ppbm
Σi(ln(Nm(r)/Ns(r)))2=6.68
080909 14 km, 352 K
N1= 650 cm-3
r1=0.018 μm
σ1= 2.03
A1= 6.80 μm2 cm-3
m1= 0.53 ppbm
N2= 0.24 cm-3
r2= 0.47 μm
σ2= 1.57
A2= 1.00 μm2 cm-3
m2= 0.99 ppbm
Σi(ln(Nm(r)/Ns(r)))2=4.58
080909 14.5 km, 353 K
N1= 652 cm-3
r1=0.003 μm
σ1= 3.88
A1= 3.47 μm2 cm-3
m1= 1.53 ppbm
Σi(ln(Nm(r)/Ns(r)))2=6.54
080909 15 km, 354 K
N1= 681 cm-3
r1=0.002 μm
σ1= 4.90
A1= 4.91 μm2 cm-3
m1= 7.42 ppbm
Σi(ln(Nm(r)/Ns(r)))2=6.04
080909 15.5 km, 355 K
N1= 680 cm-3
r1=0.002 μm
σ1= 5.16
A1= 7.82 μm2 cm-3
m1= 20.8 ppbm
Σi(ln(Nm(r)/Ns(r)))2=5.36
080909 16 km, 357 K
N1= 654 cm-3
r1=0.041 μm
σ1= 1.93
A1= 22.6 μm2 cm-3
m1= 6.39 ppbm
N2=0.057 cm-3
r2= 4.08 μm
σ2= 1.24
A2= 13.1 μm2 cm-3
m2= 97.8 ppbm
Σi(ln(Nm(r)/Ns(r)))2=7.86
080909 16.5 km, 369 K
N1= 415 cm-3
r1=0.002 μm
σ1= 5.52
A1= 3.62 μm2 cm-3
m1= 50.1 ppbm
Σi(ln(Nm(r)/Ns(r)))2=4.43
080909 17 km, 391 K
N1= 127 cm-3
r1=0.017 μm
σ1= 3.02
A1= 5.08 μm2 cm-3
m1= 3.61 ppbm
Σi(ln(Nm(r)/Ns(r)))2=12.0
080909 17.5 km, 406 K
N1= 271 cm-3
r1=0.018 μm
σ1= 2.29
A1= 4.32 μm2 cm-3
m1= 0.96 ppbm
N2= 0.39 cm-3
r2= 0.73 μm
σ2= 1.41
A2= 3.31 μm2 cm-3
m2= 7.23 ppbm
Σi(ln(Nm(r)/Ns(r)))2=6.46
080909 18 km, 417 K
N1= 91.6 cm-3
r1=0.018 μm
σ1= 2.23
A1= 1.38 μm2 cm-3
m1= 0.30 ppbm
N2=0.073 cm-3
r2= 0.59 μm
σ2= 1.96
A2= 0.80 μm2 cm-3
m2= 3.59 ppbm
Σi(ln(Nm(r)/Ns(r)))2=2.97
N(cm-3), dn/dlogR(cm-3)
RADIUS (μm)
ND08A