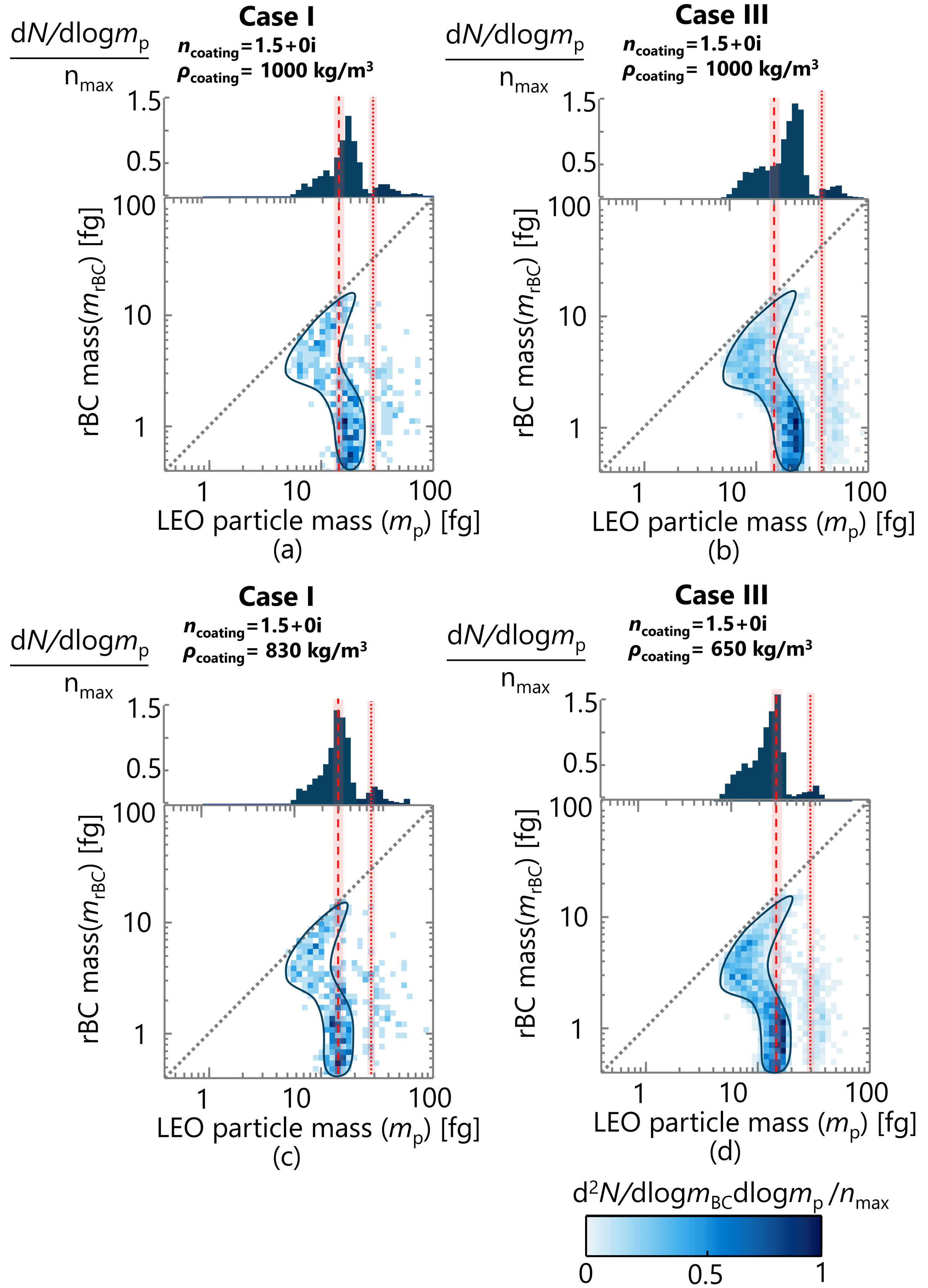
Case I
$n_{coating}$=1.5+0i
$\rho_{coating}$= 1000 kg/m³
Case III
$n_{coating}$=1.5+0i
$\rho_{coating}$= 1000 kg/m³
Case I
$n_{coating}$=1.5+0i
$\rho_{coating}$= 830 kg/m³
Case III
$n_{coating}$=1.5+0i
$\rho_{coating}$= 650 kg/m³
$dN/d\log m_p / n_{max}$
rBC mass(m_{rBC}) [fg]
LEO particle mass (m_p) [fg]
(a)
(b)
(c)
(d)
$d^2N/d\log m_{BC} d\log m_p / n_{max}$
0
0.5
1