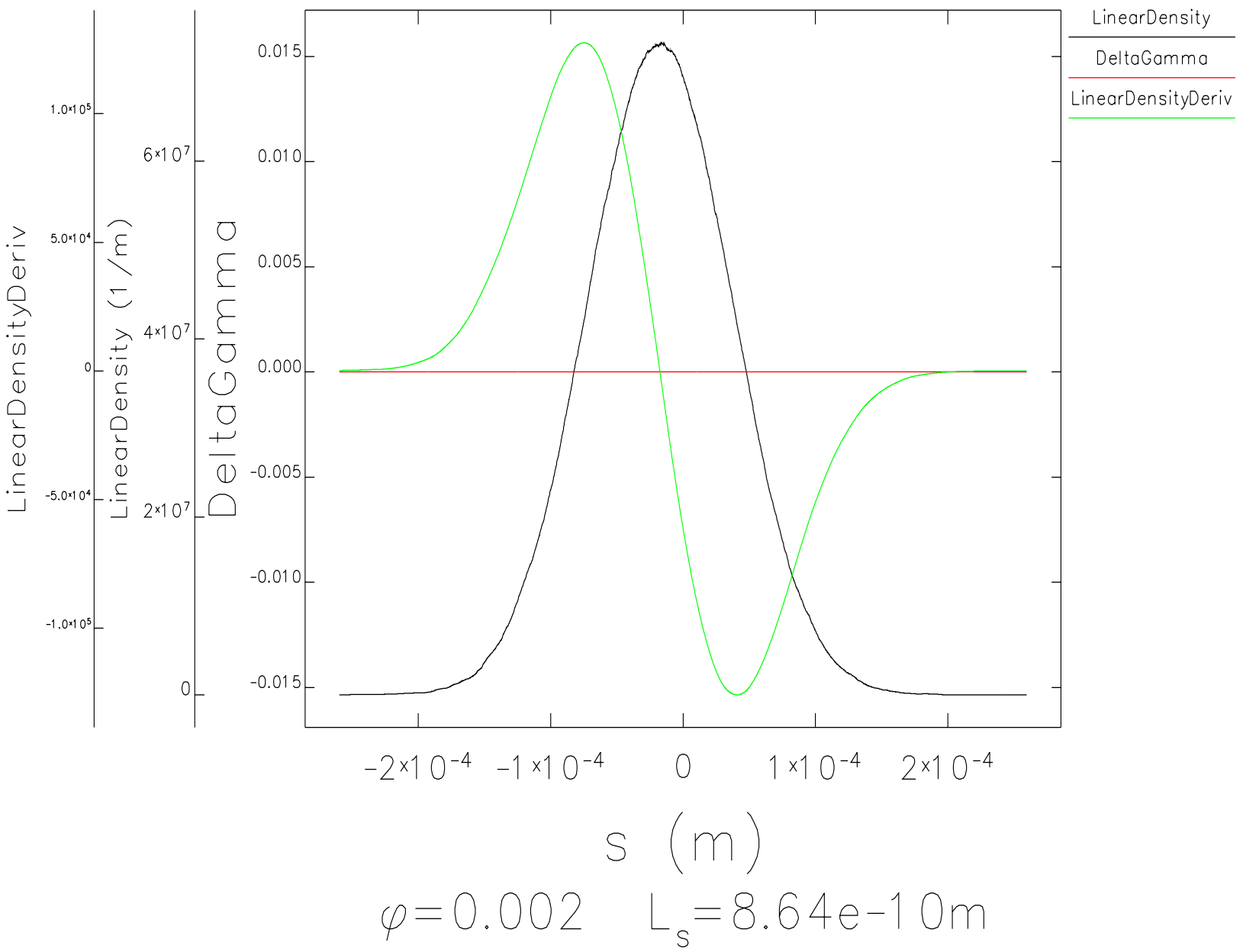
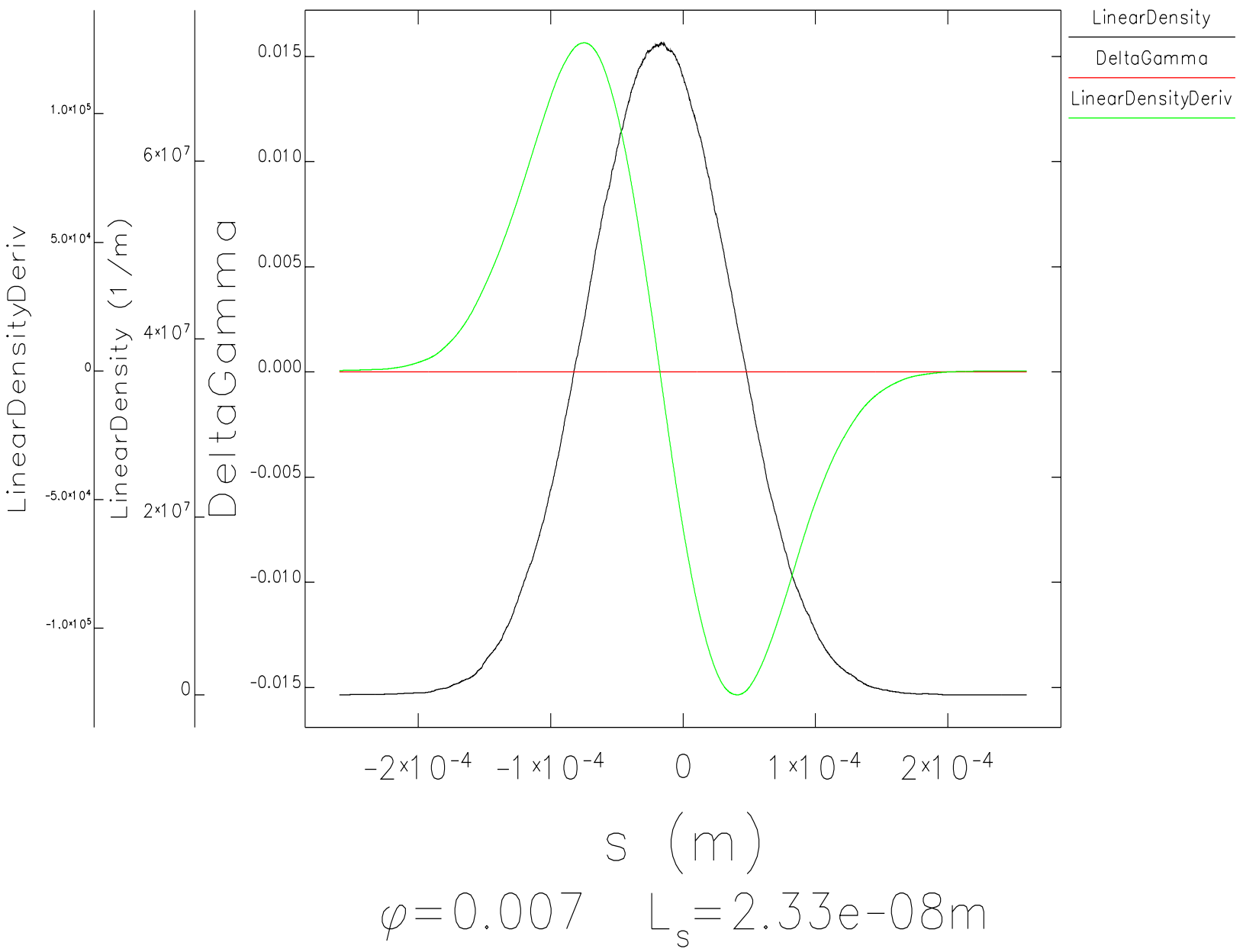
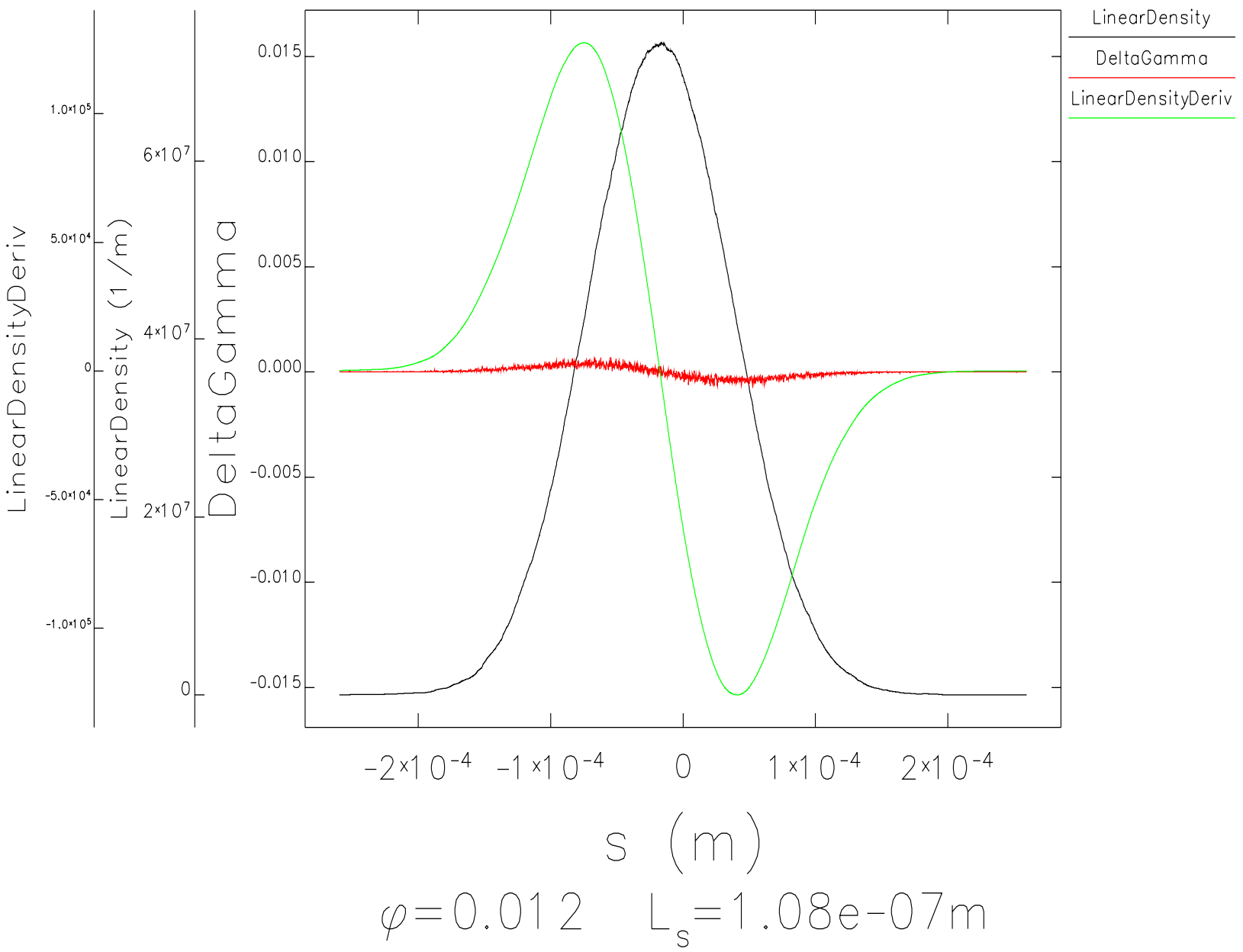
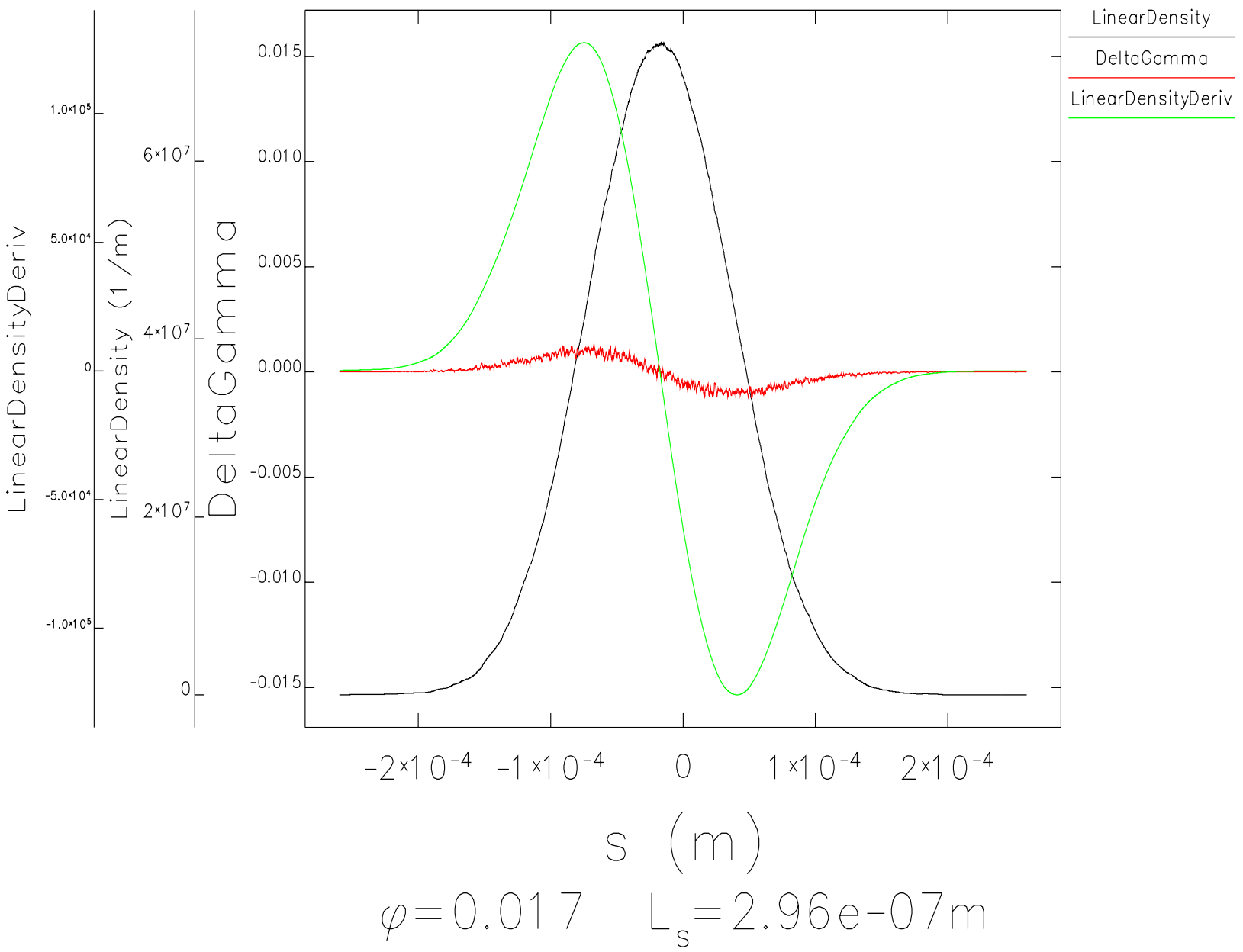
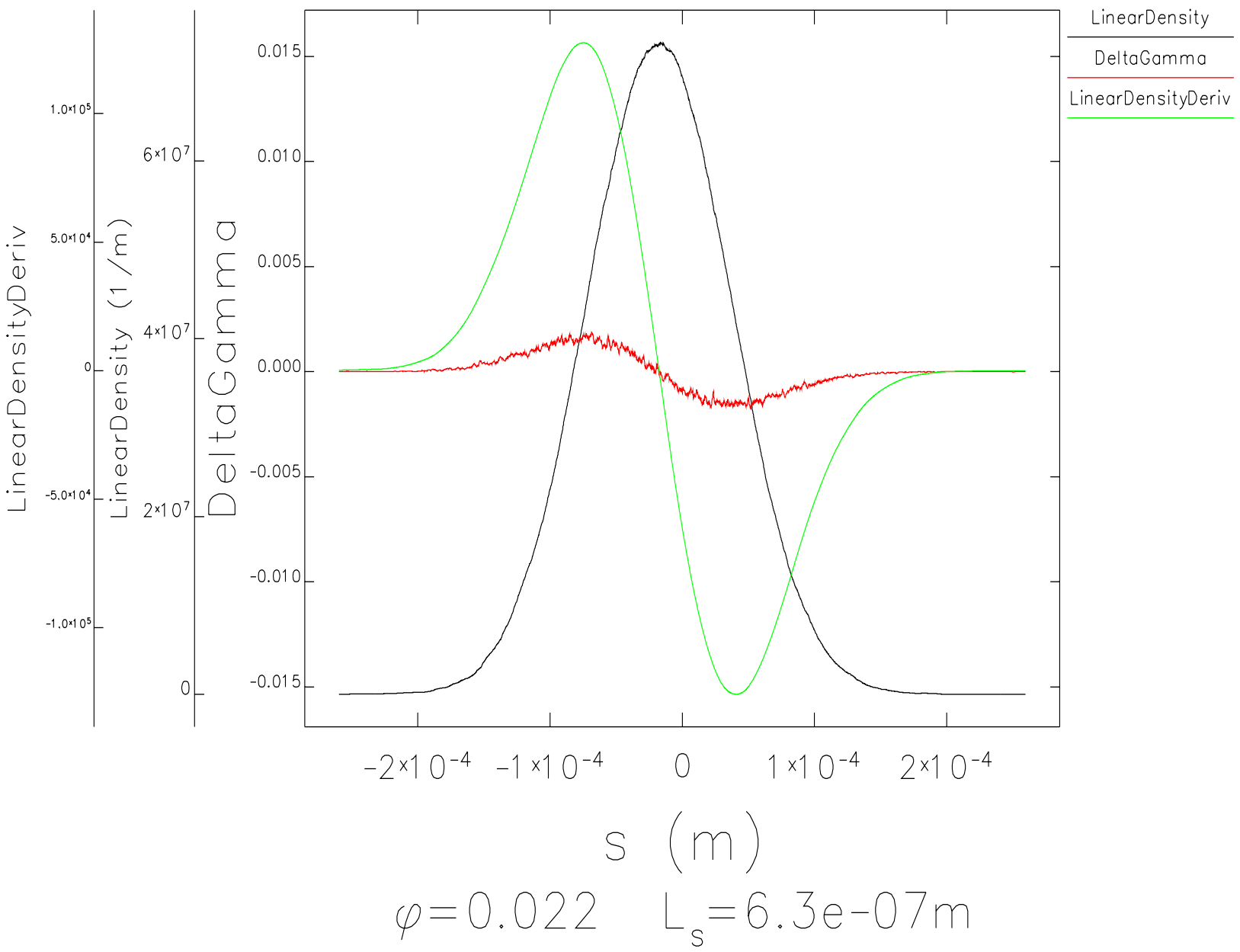
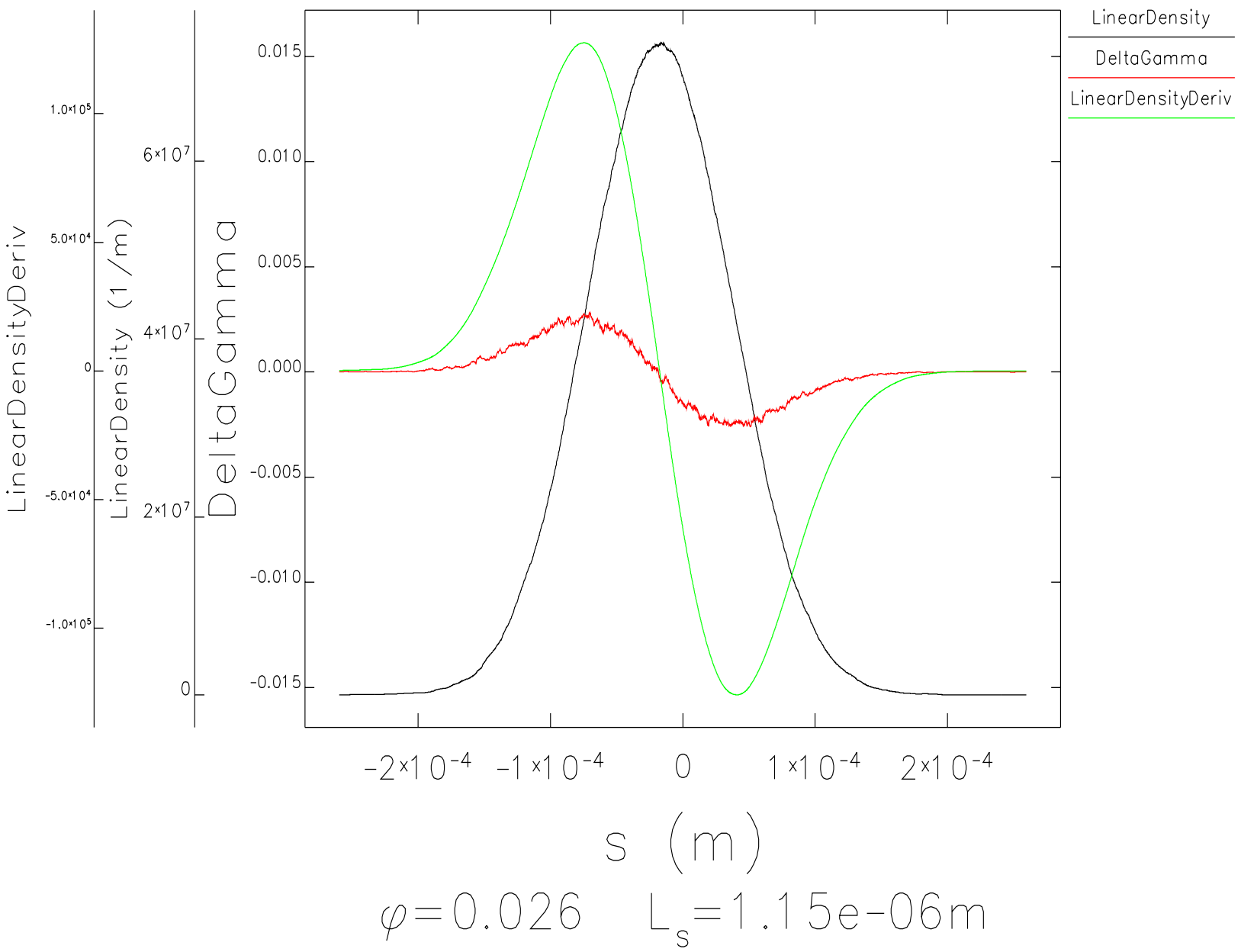

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.002 L_s=8.64e-10m

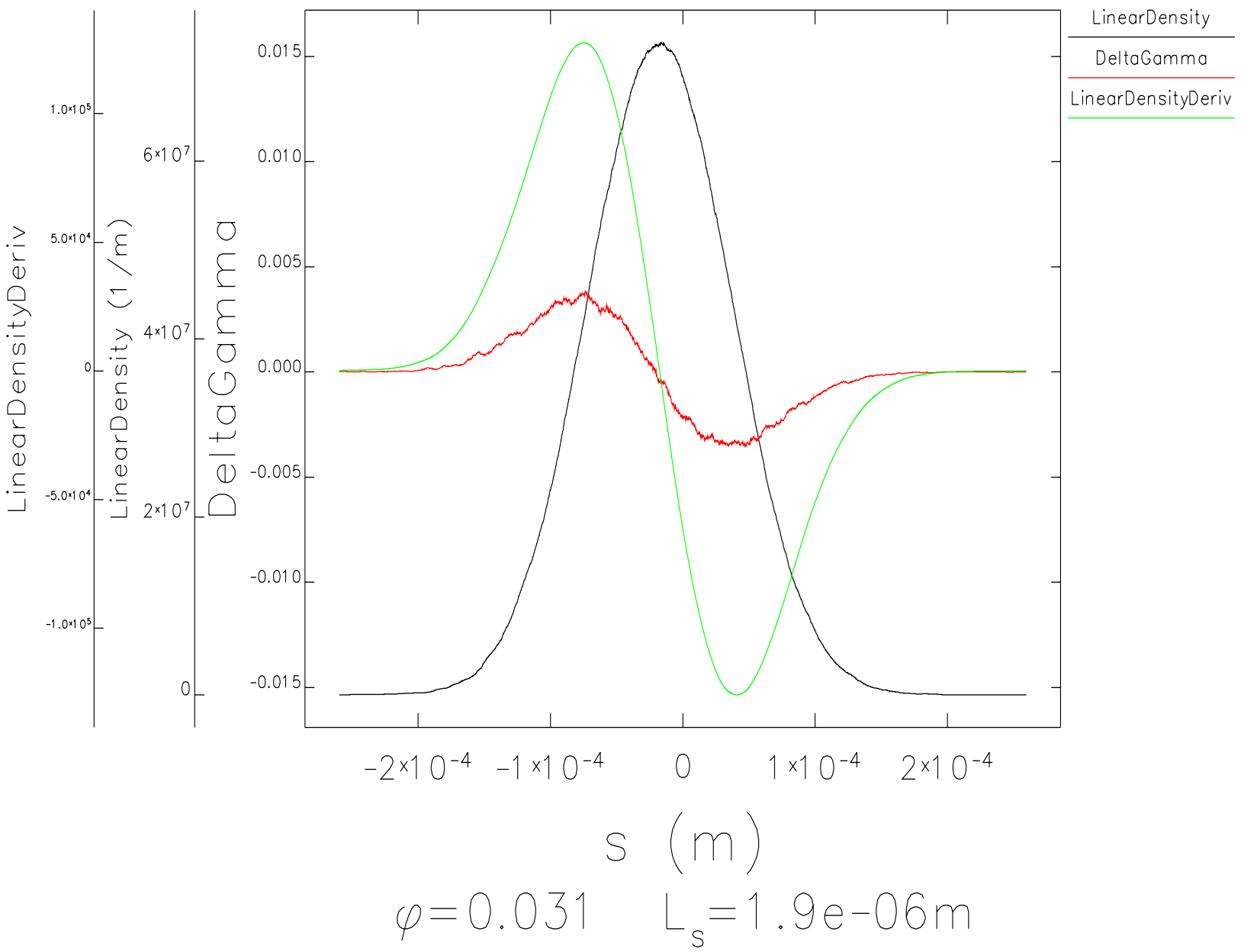

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.007
L_s=2.33e-08m

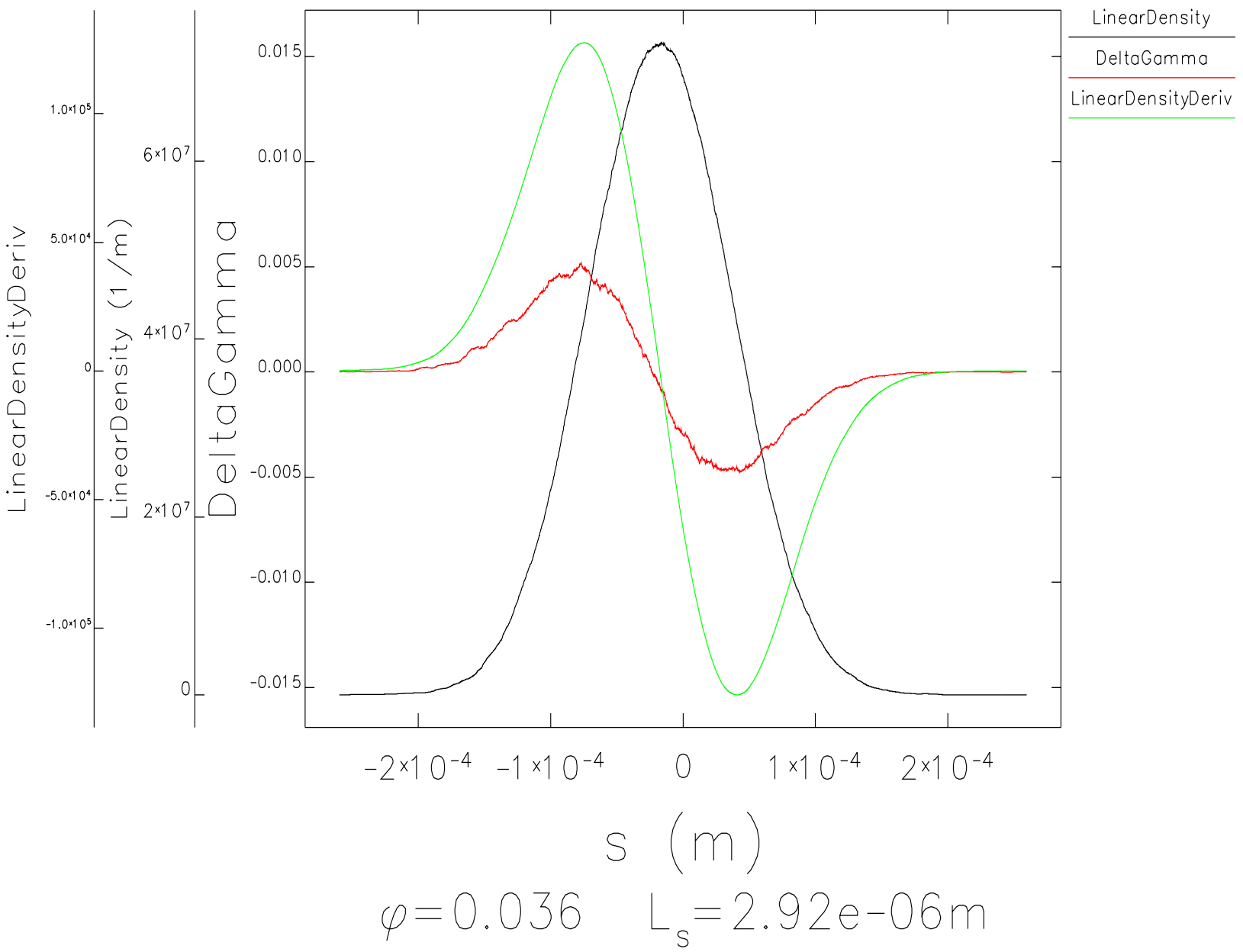

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.012
L_s=1.08e-07m

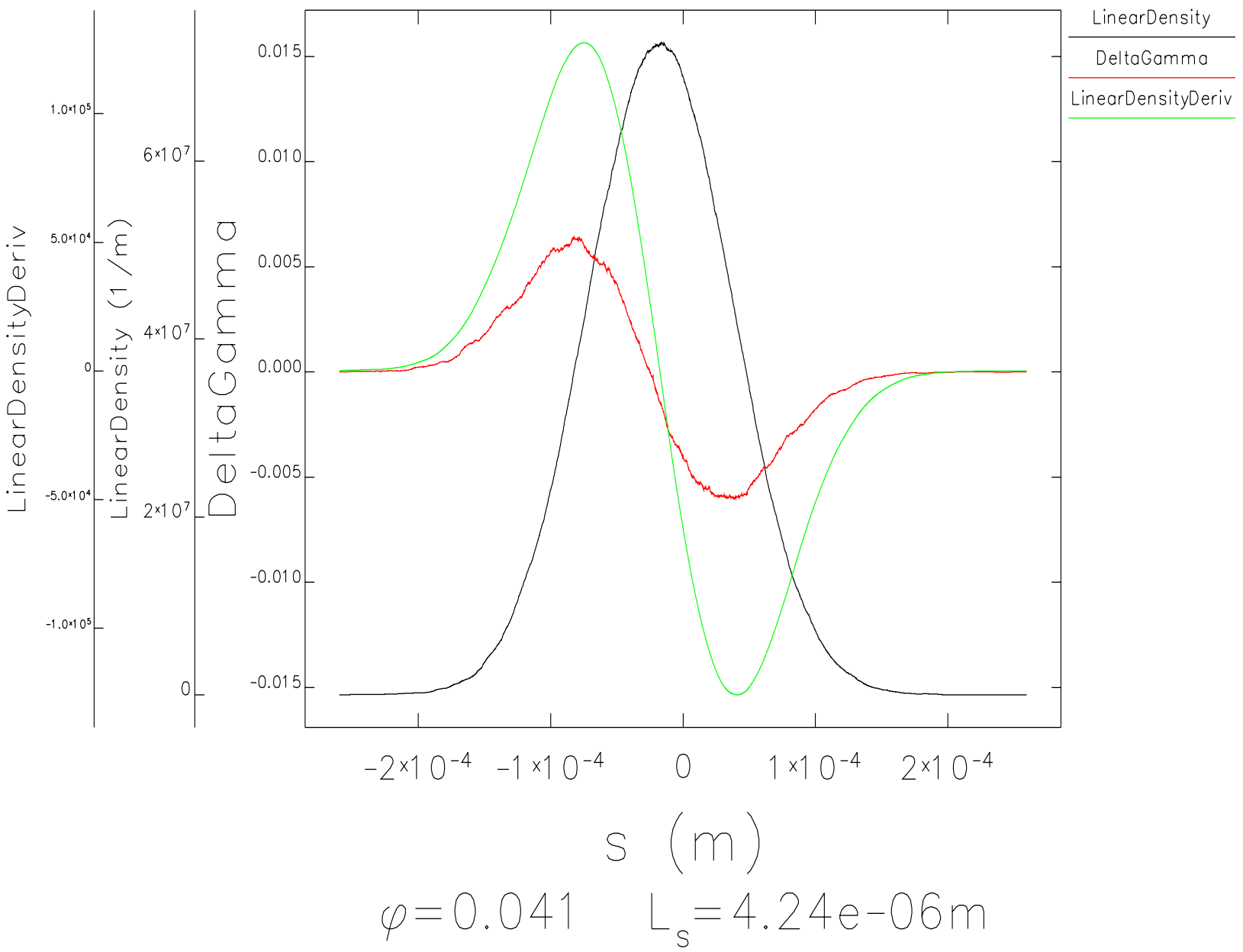

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.017 L_s=2.96e-07m

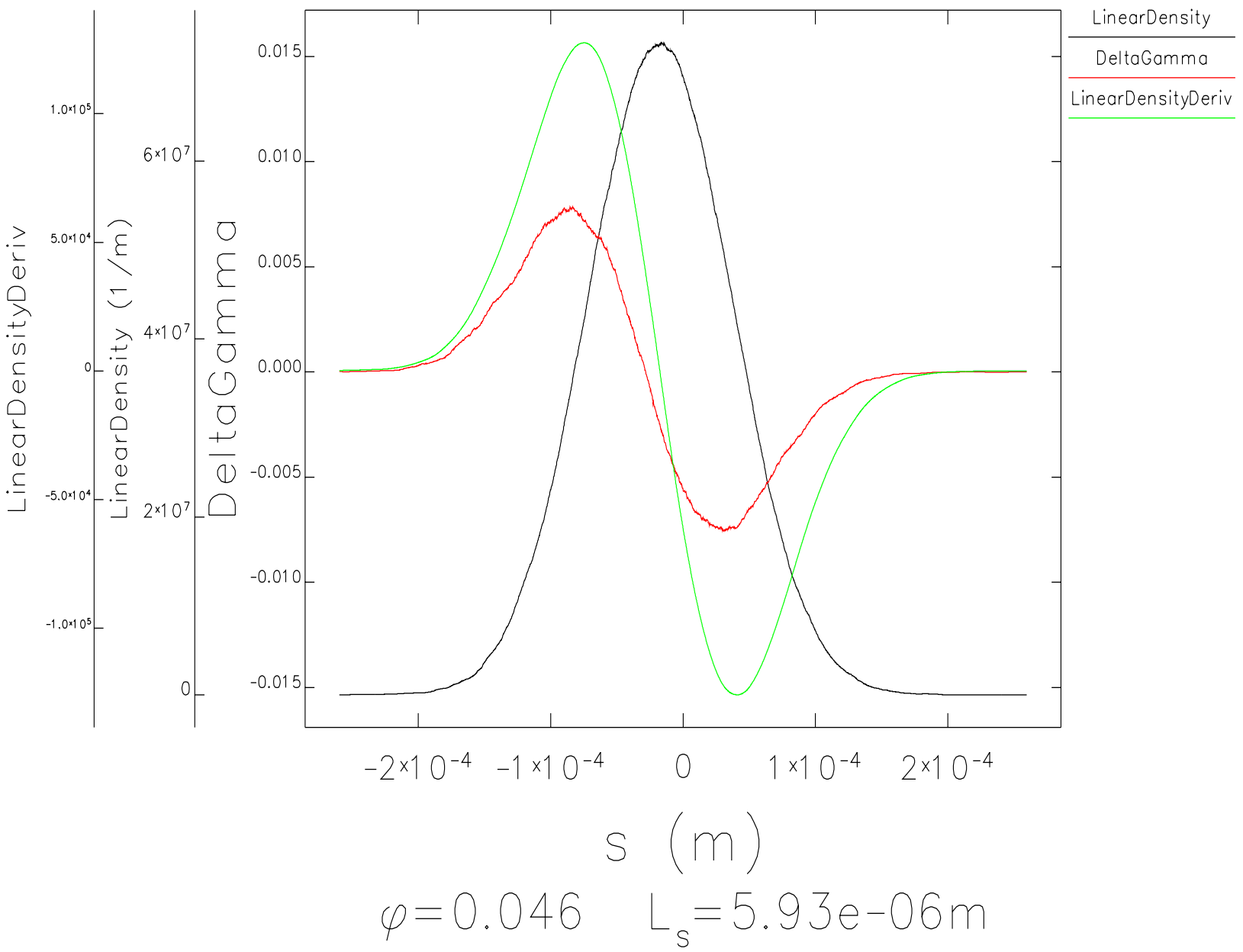

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.022
L_s=6.3e-07m

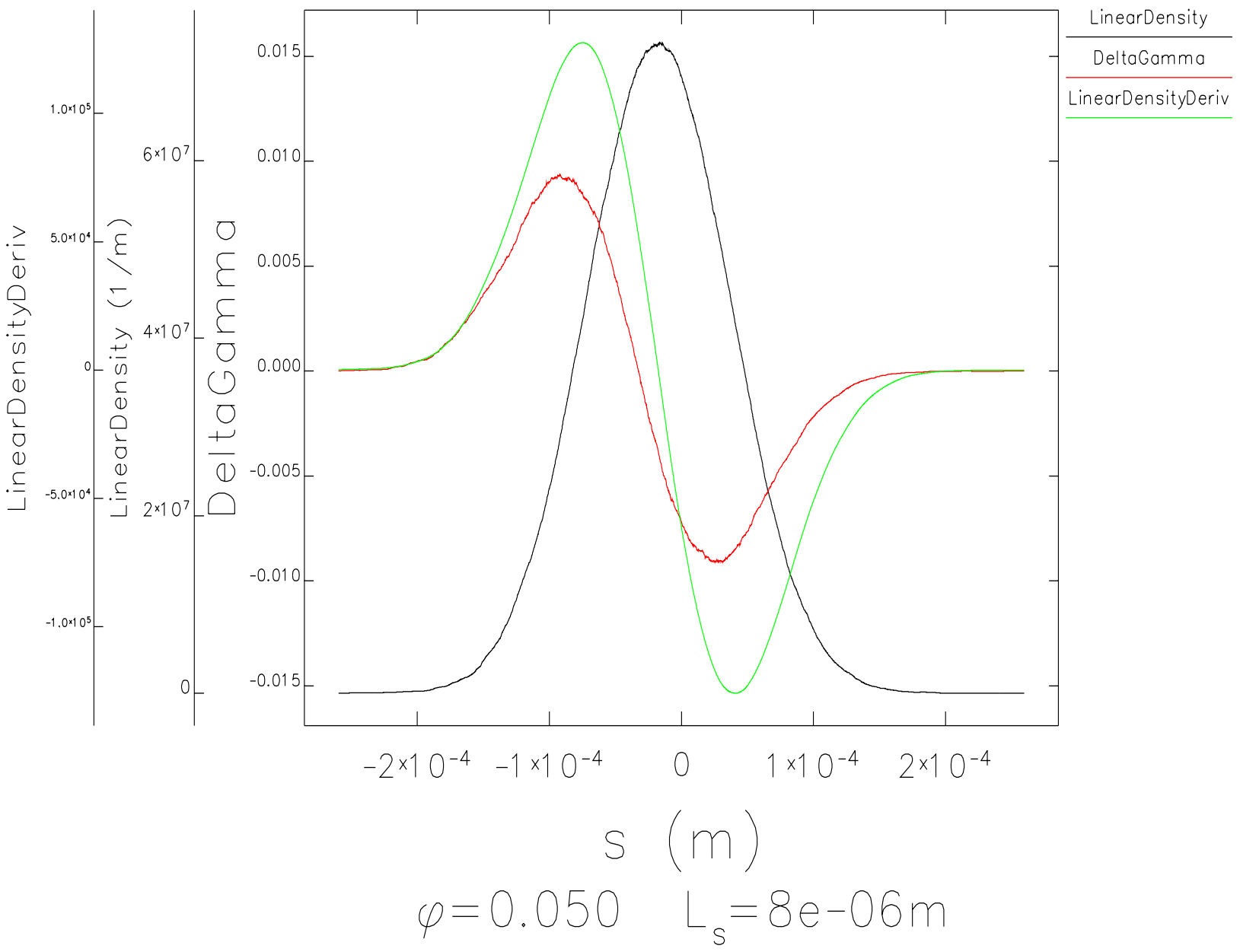

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.026
L_s=1.15e-06m

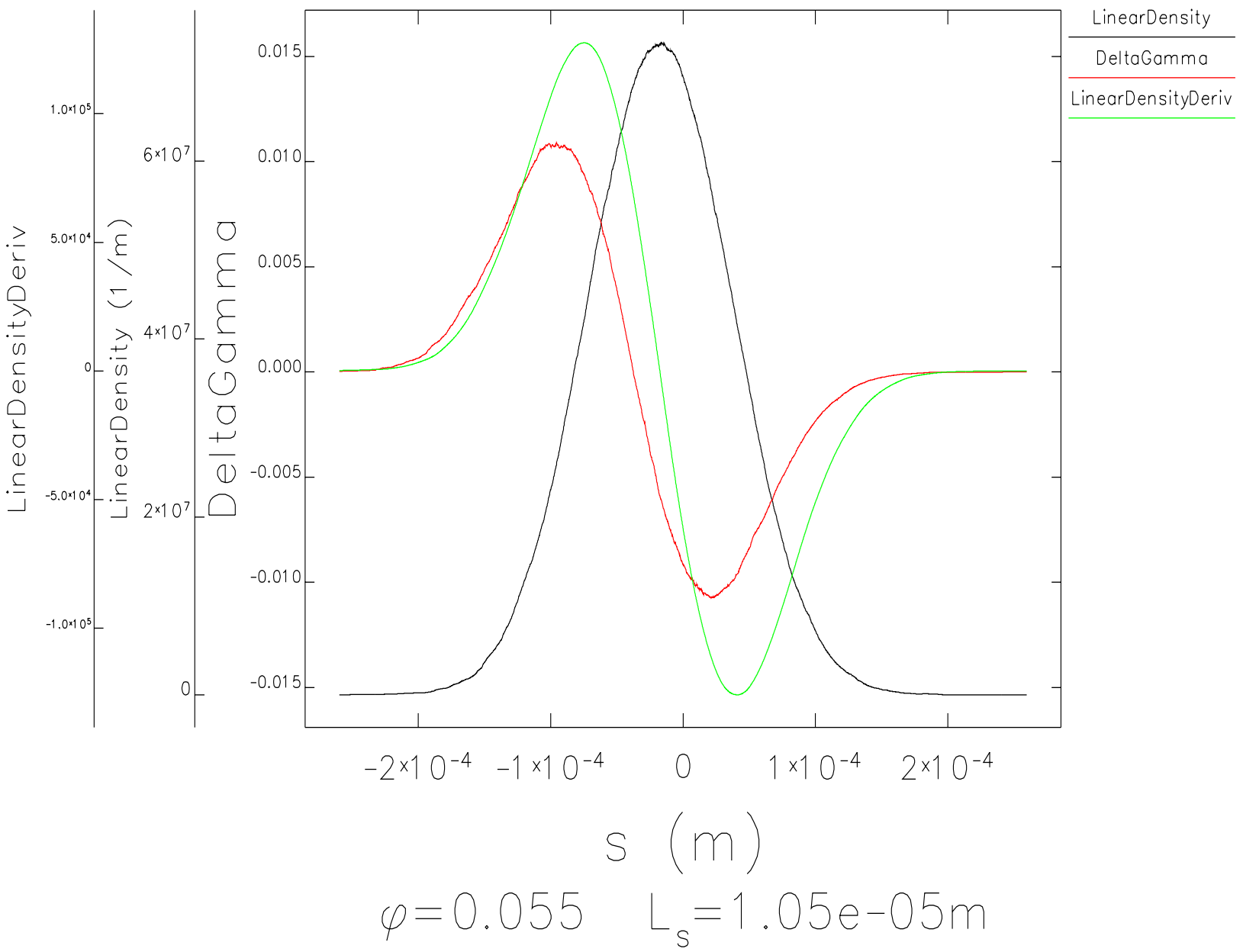

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.031
L_s=1.9e-06m

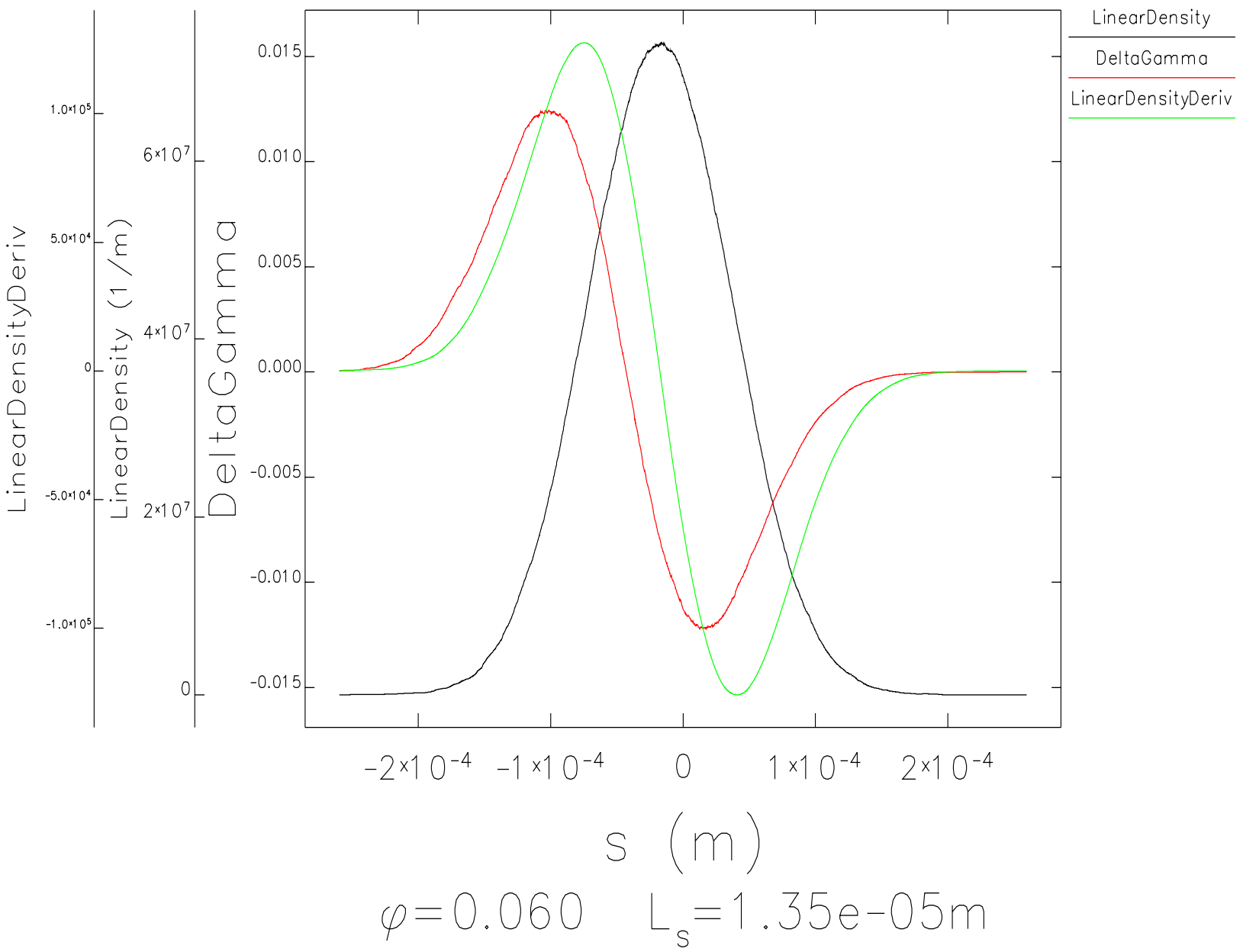

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.036
L_s=2.92e-06m

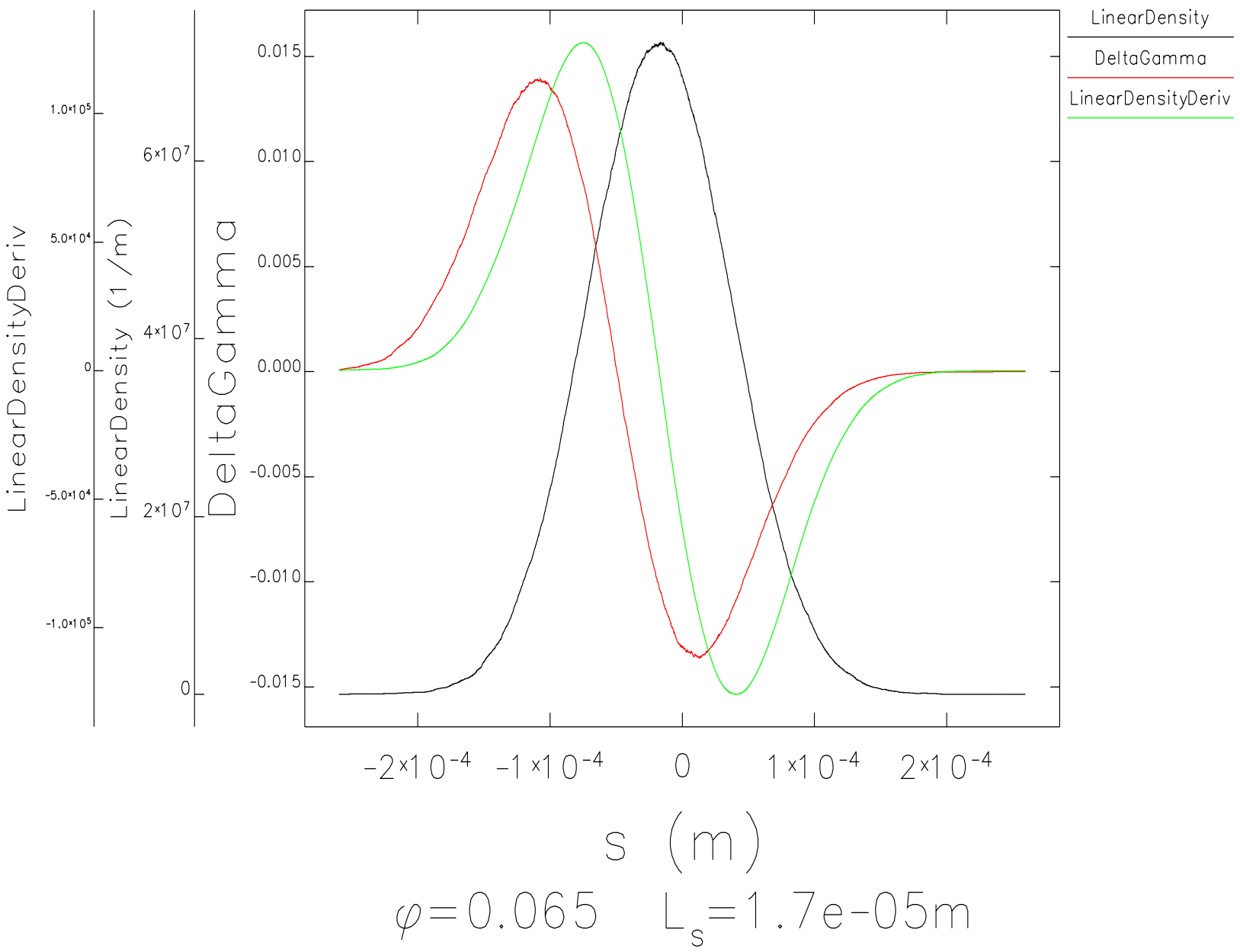

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.041
L_s=4.24e-06m

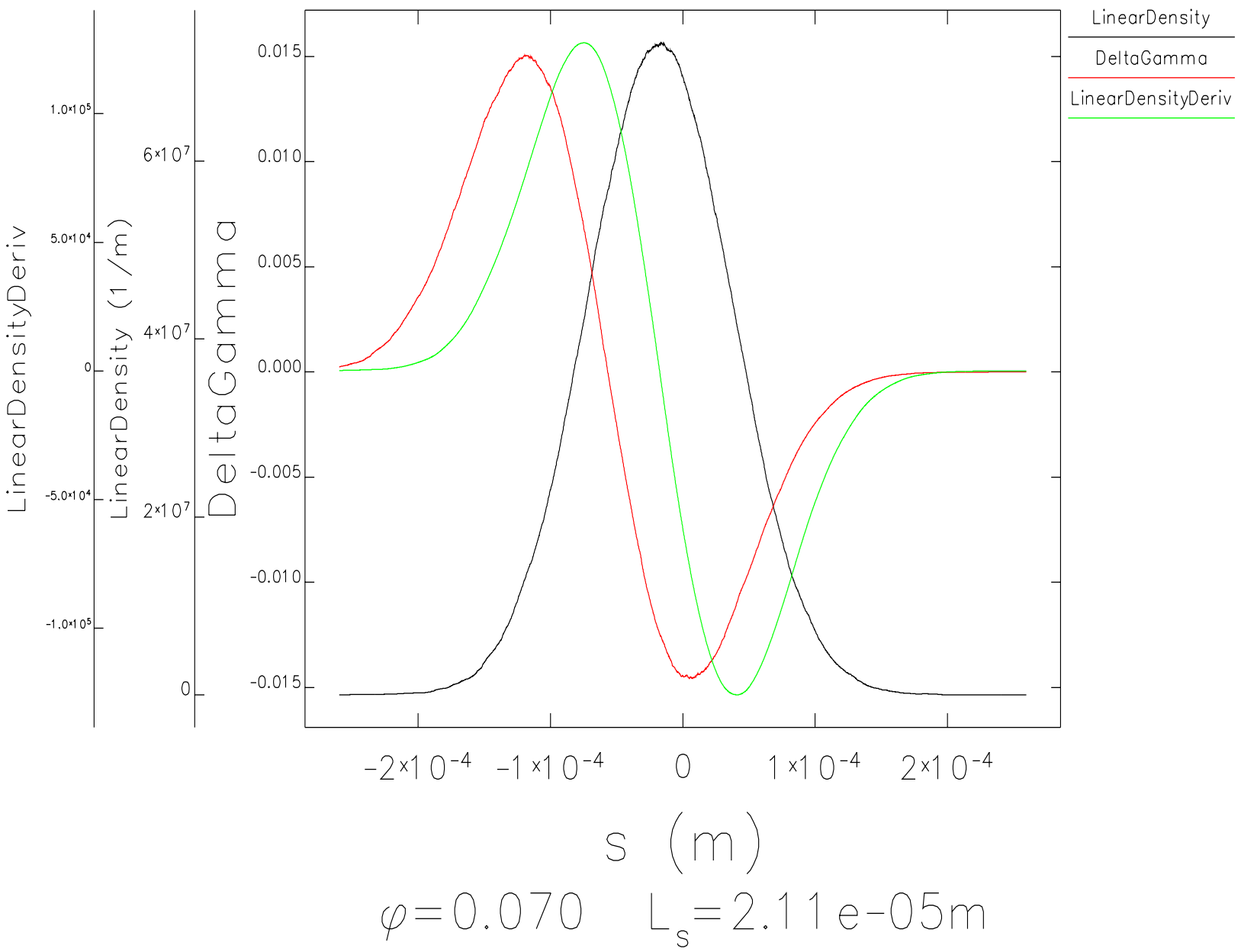

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.046
L_s=5.93e-06m

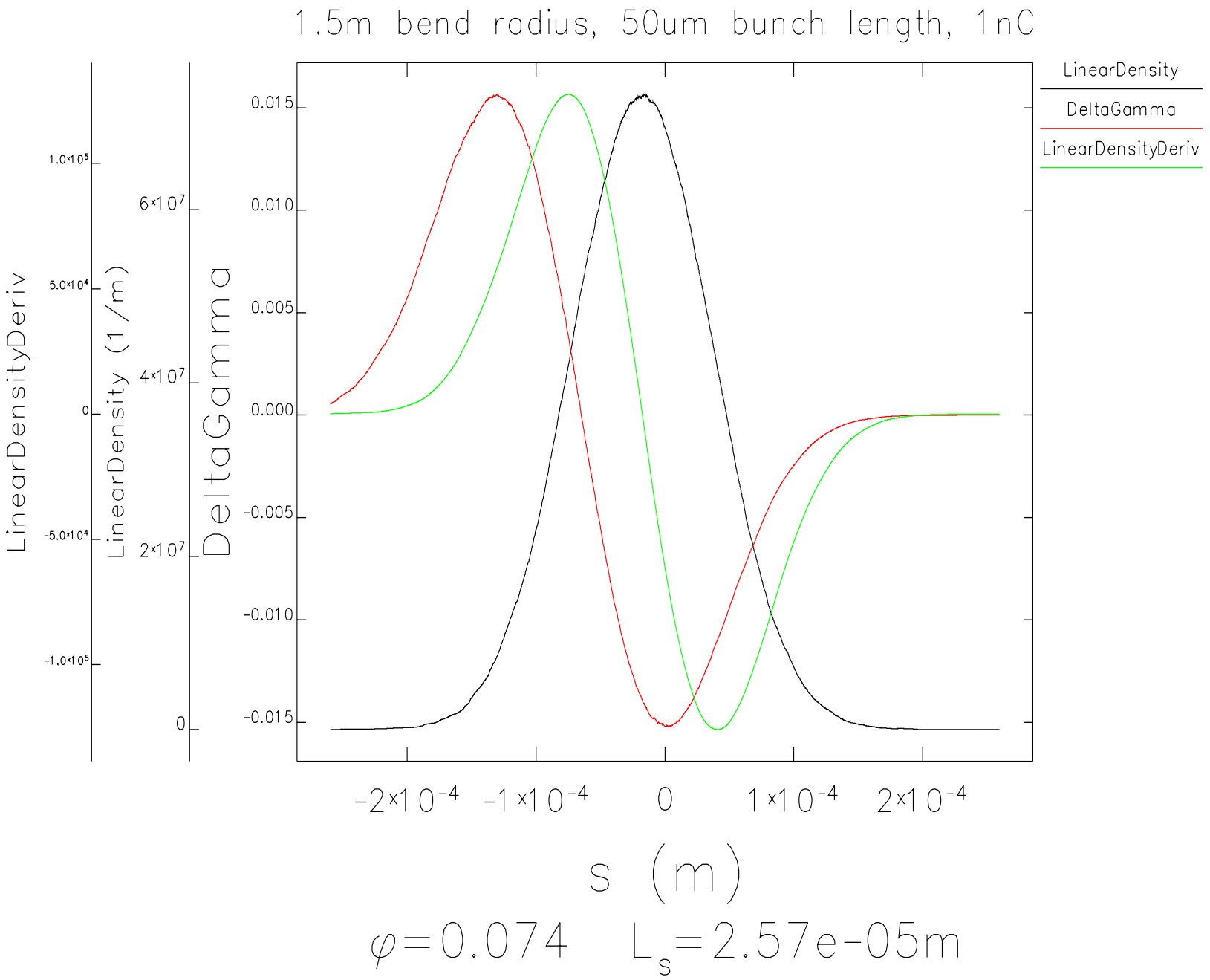

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.050
L_s=8e-06m

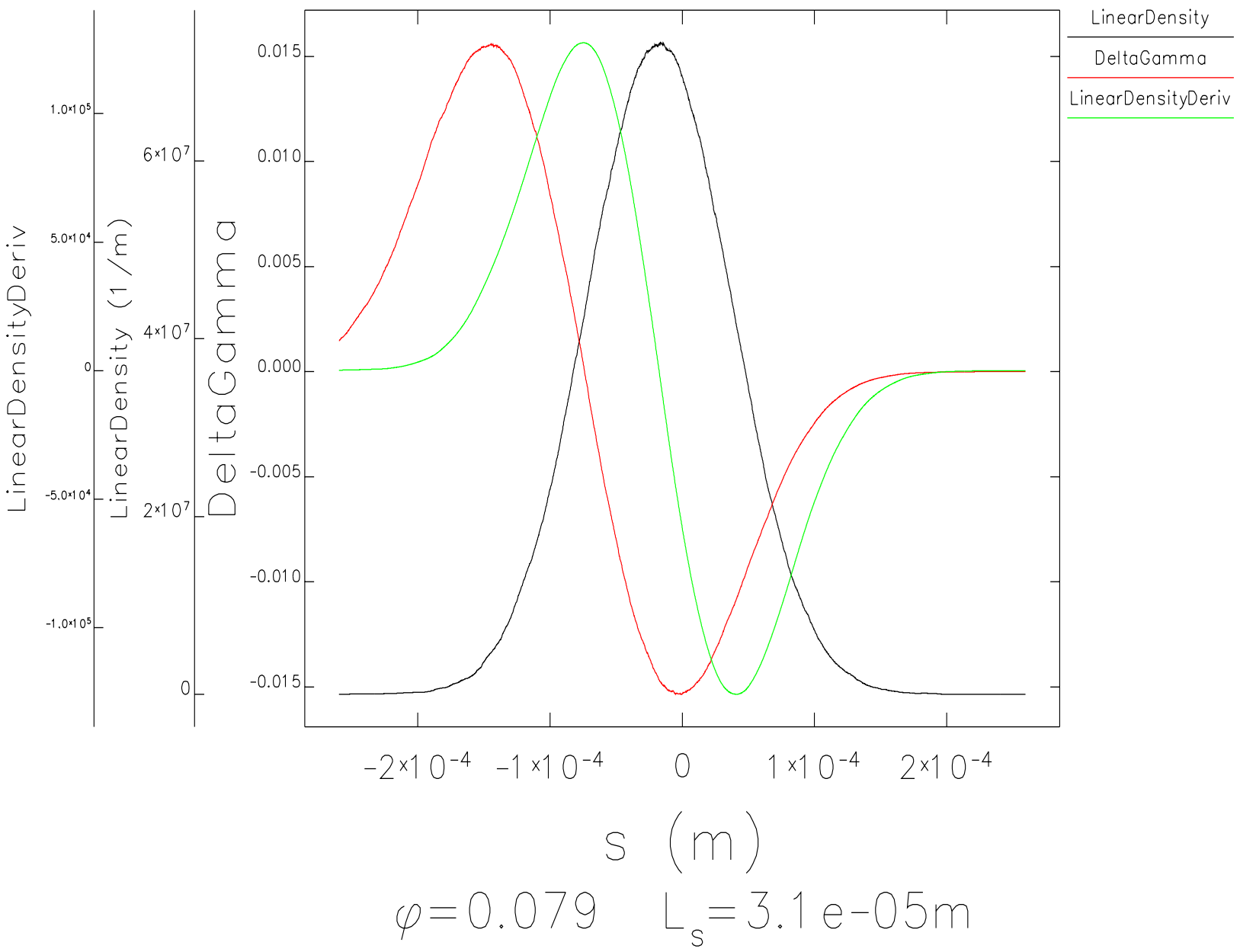

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.055
L_s=1.05e-05m

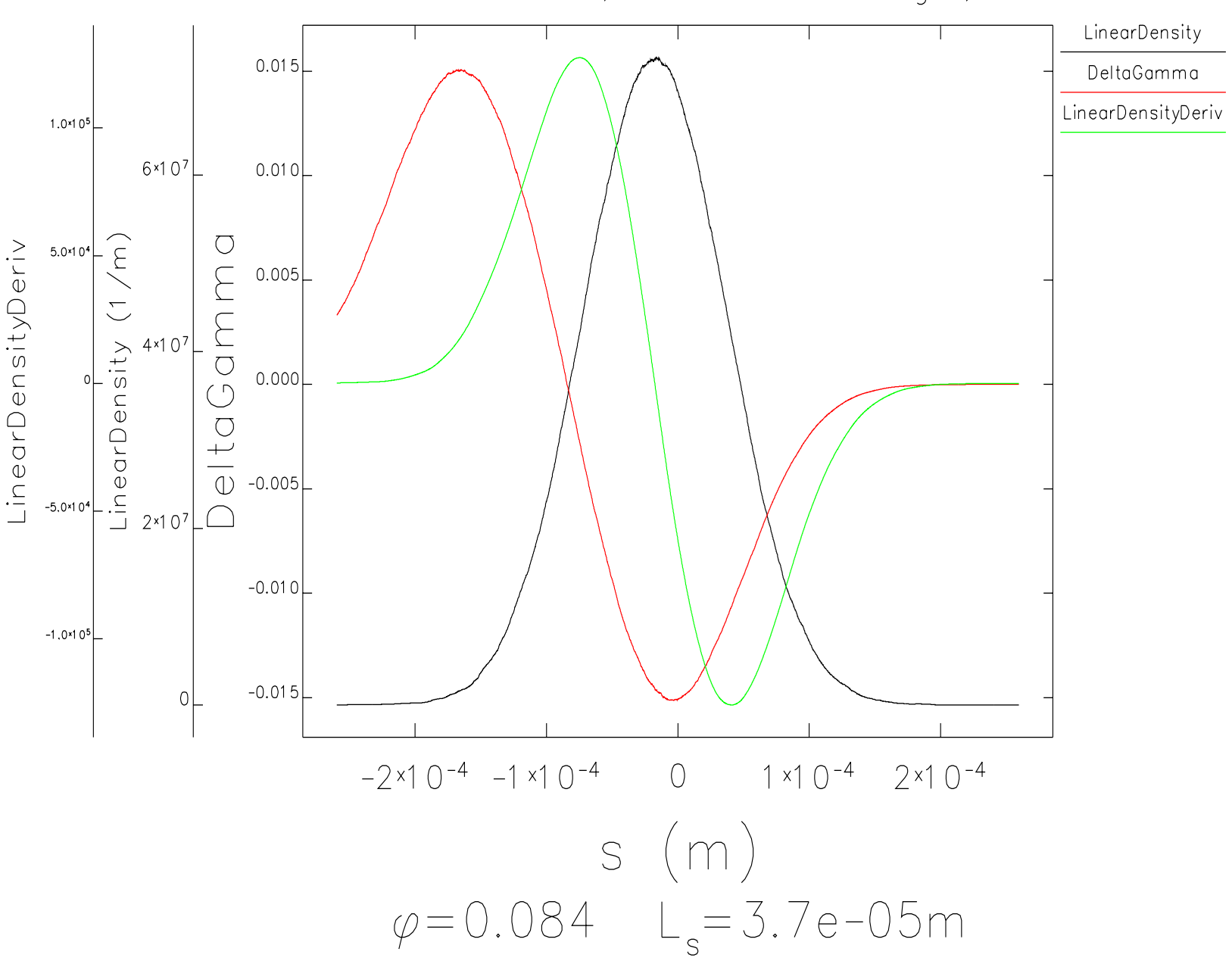

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.060
L_s=1.35e-05m

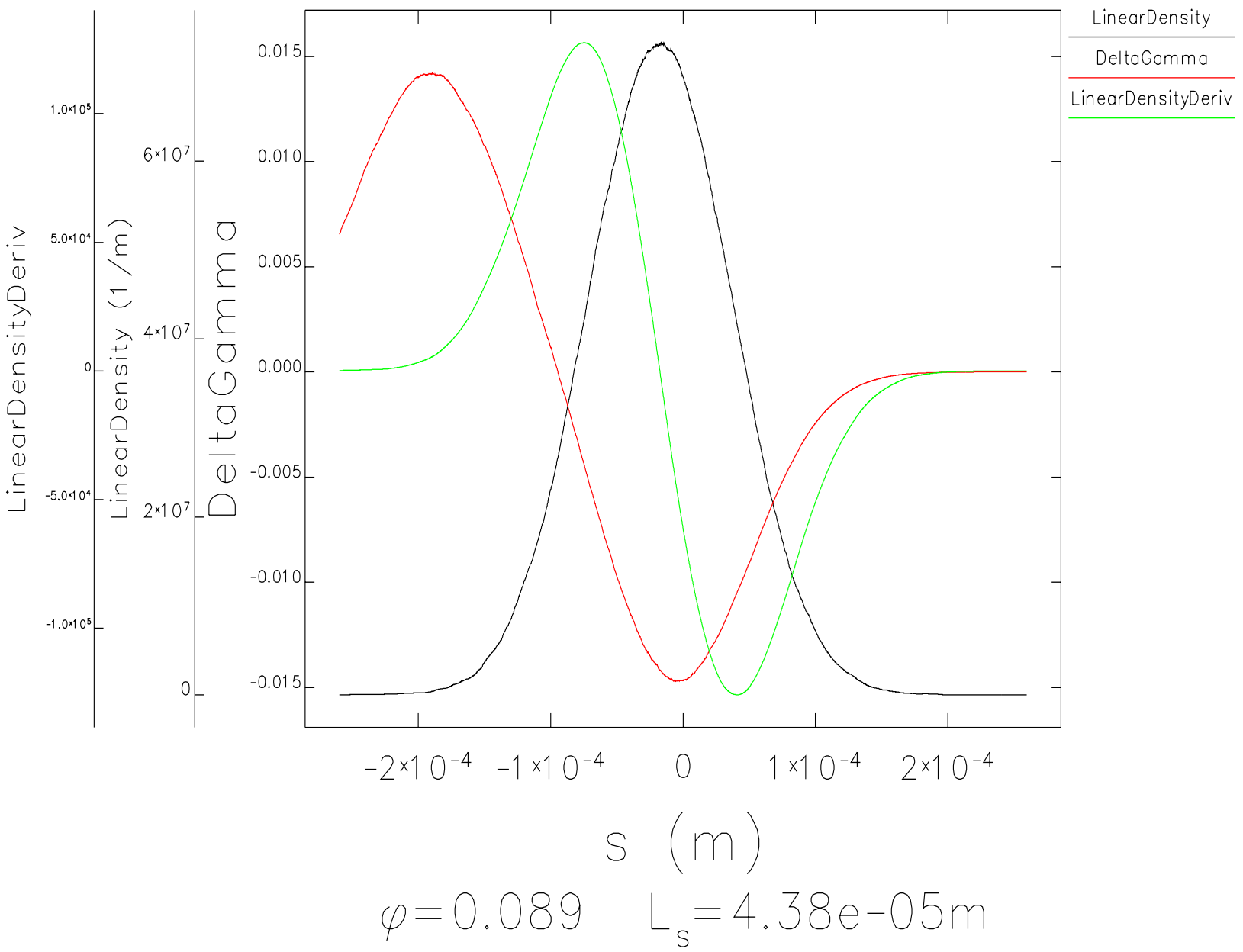

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.065
L_s=1.7e-05m

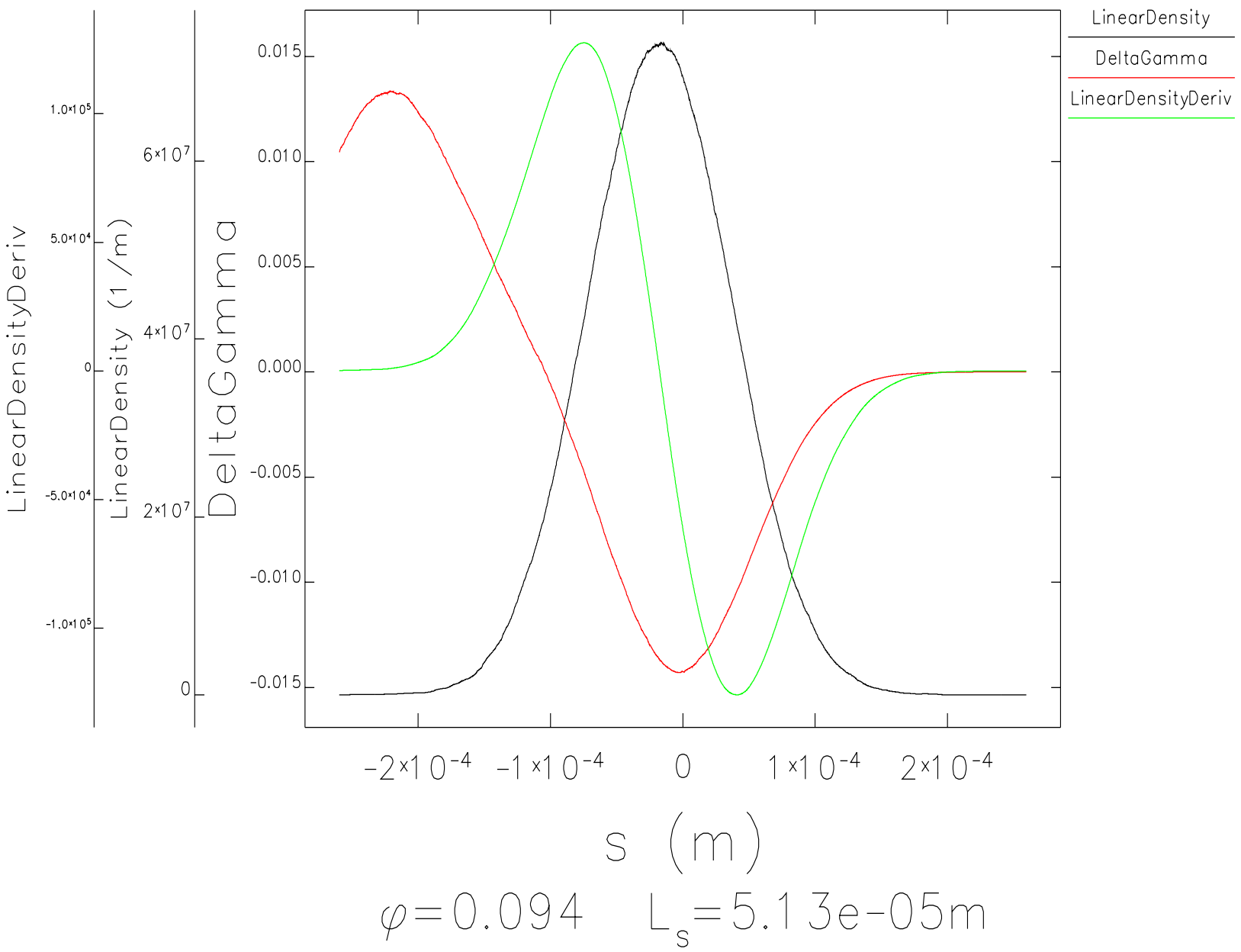

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.070 L_s=2.11e-05m

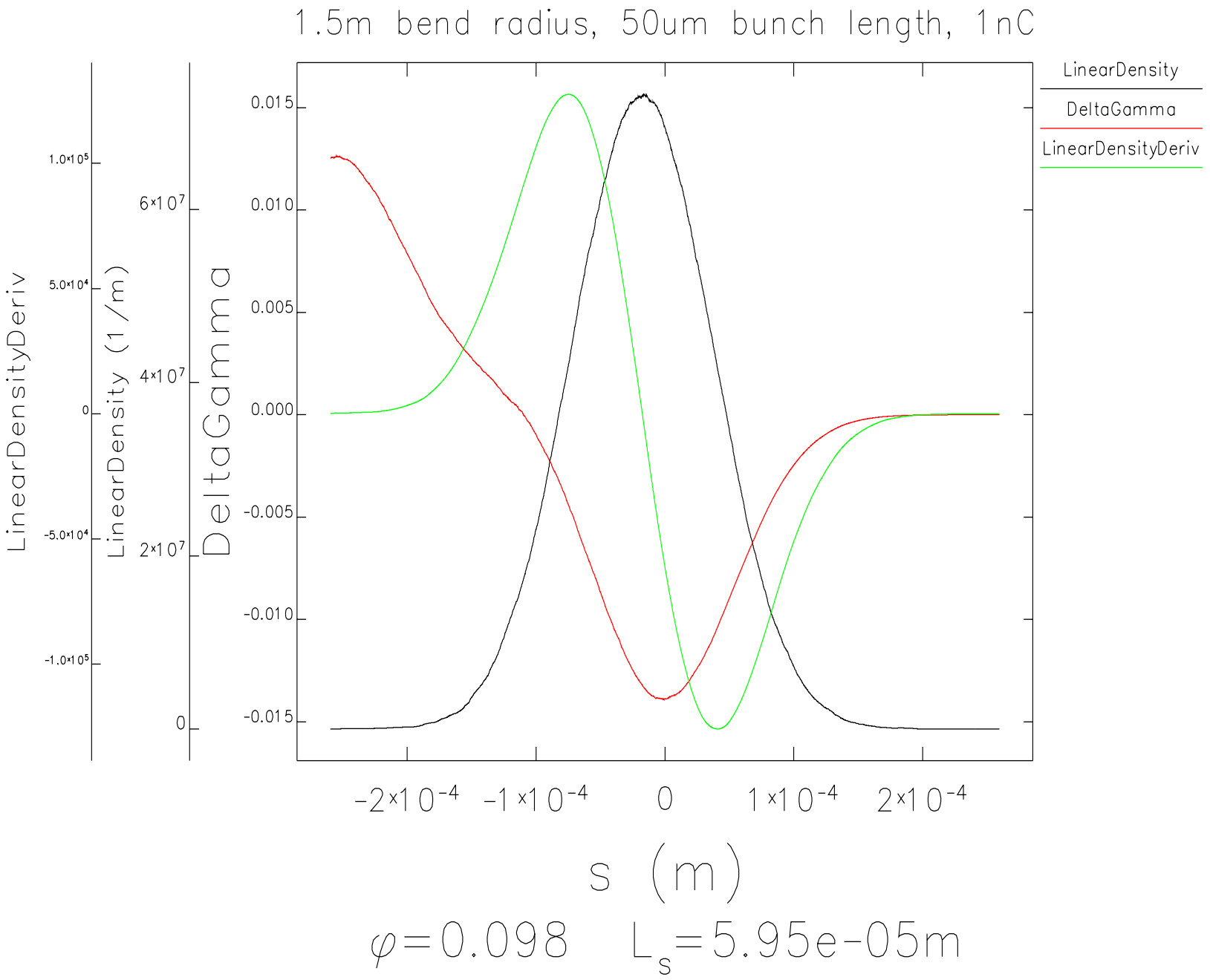

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.074
L_s=2.57e-05m

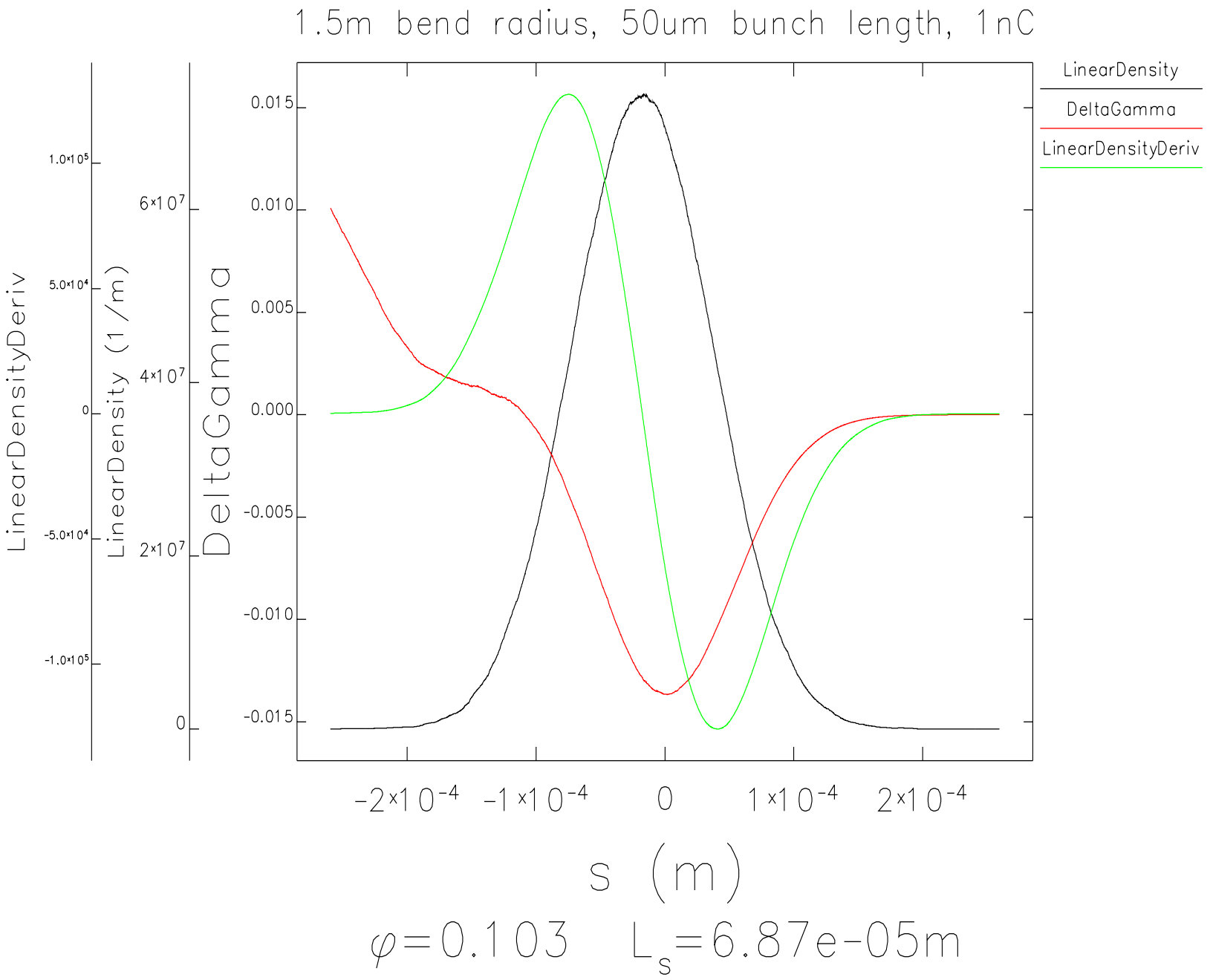

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.079
L_s=3.1e-05m

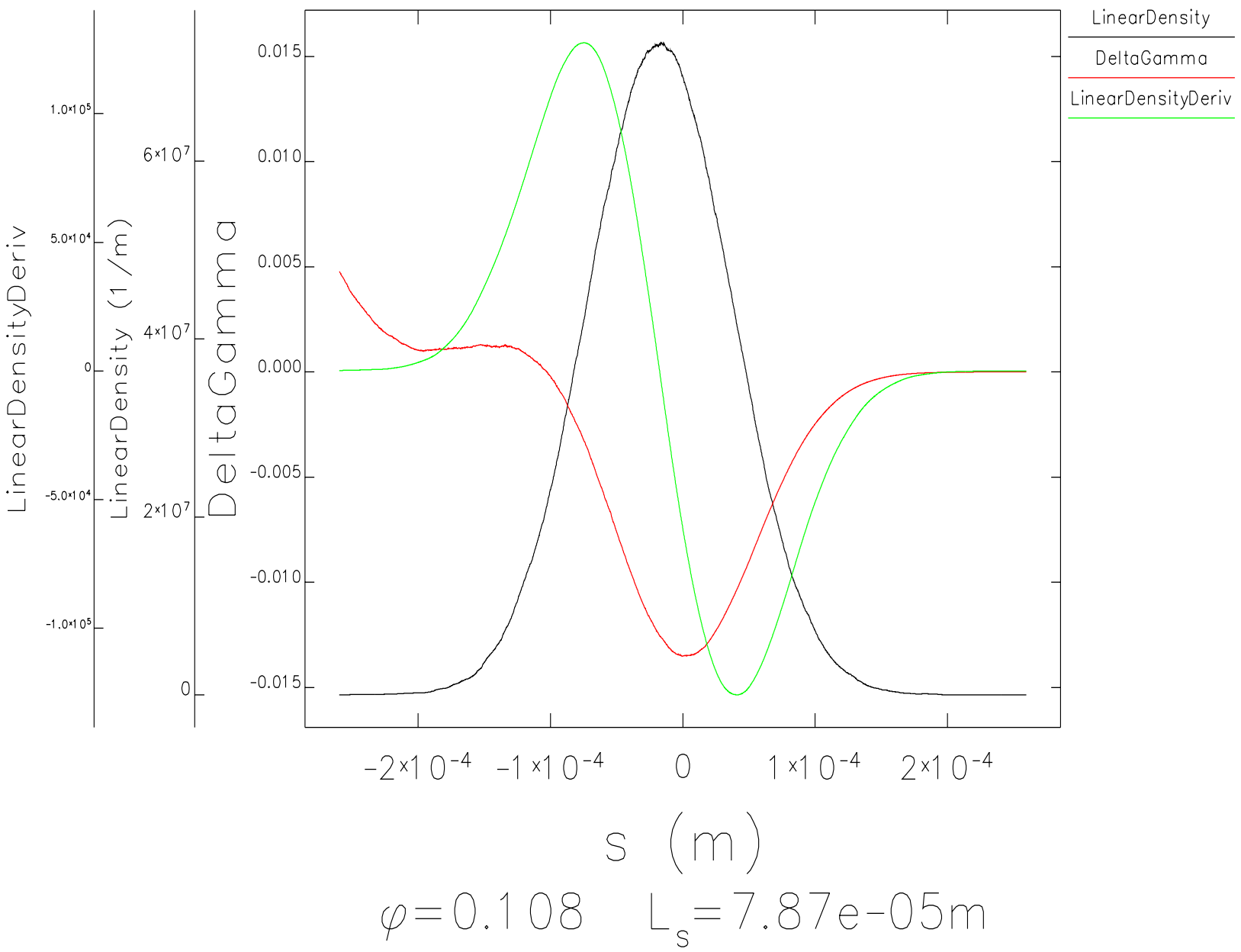

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.084
L_s=3.7e-05m

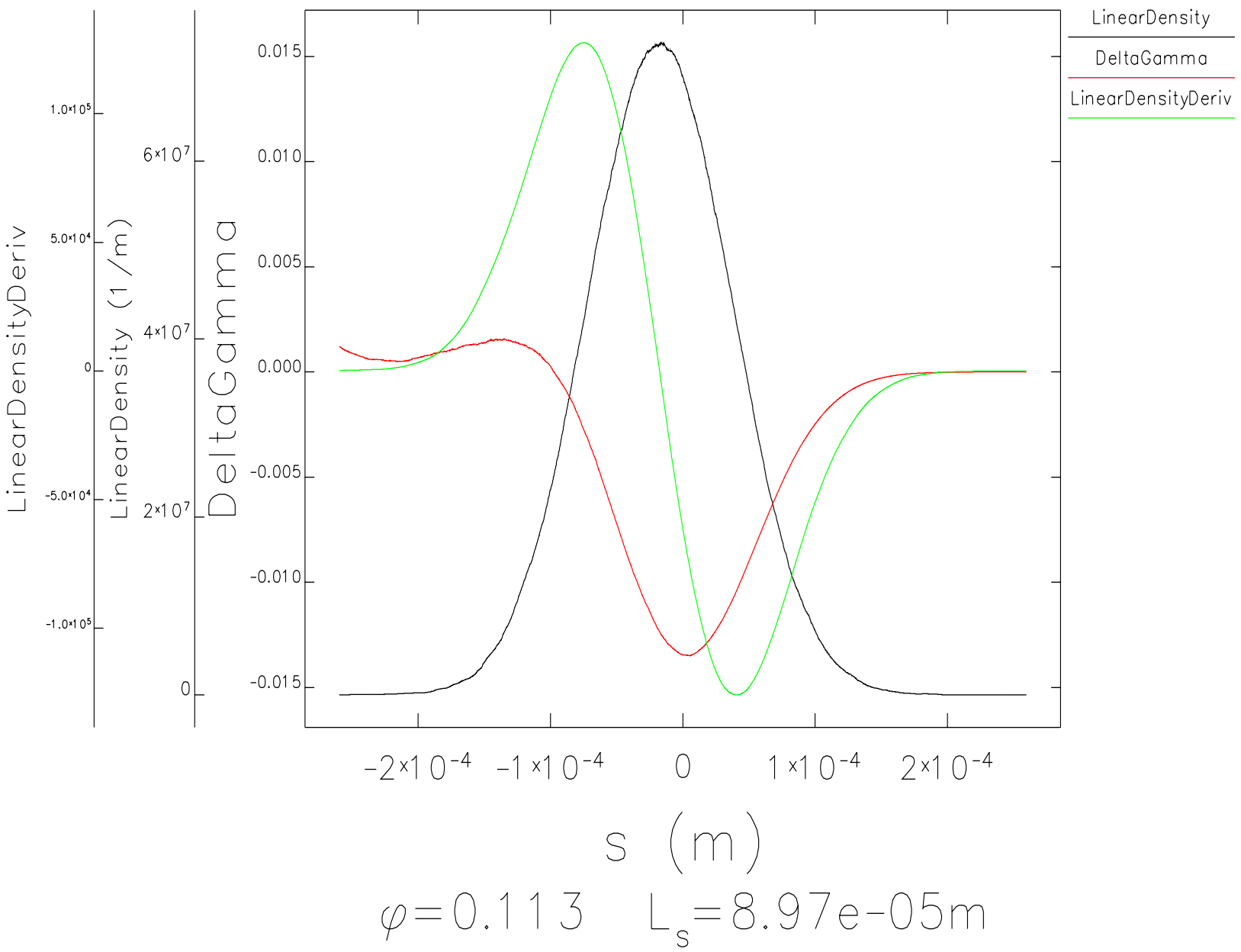

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.089
L_s=4.38e-05m

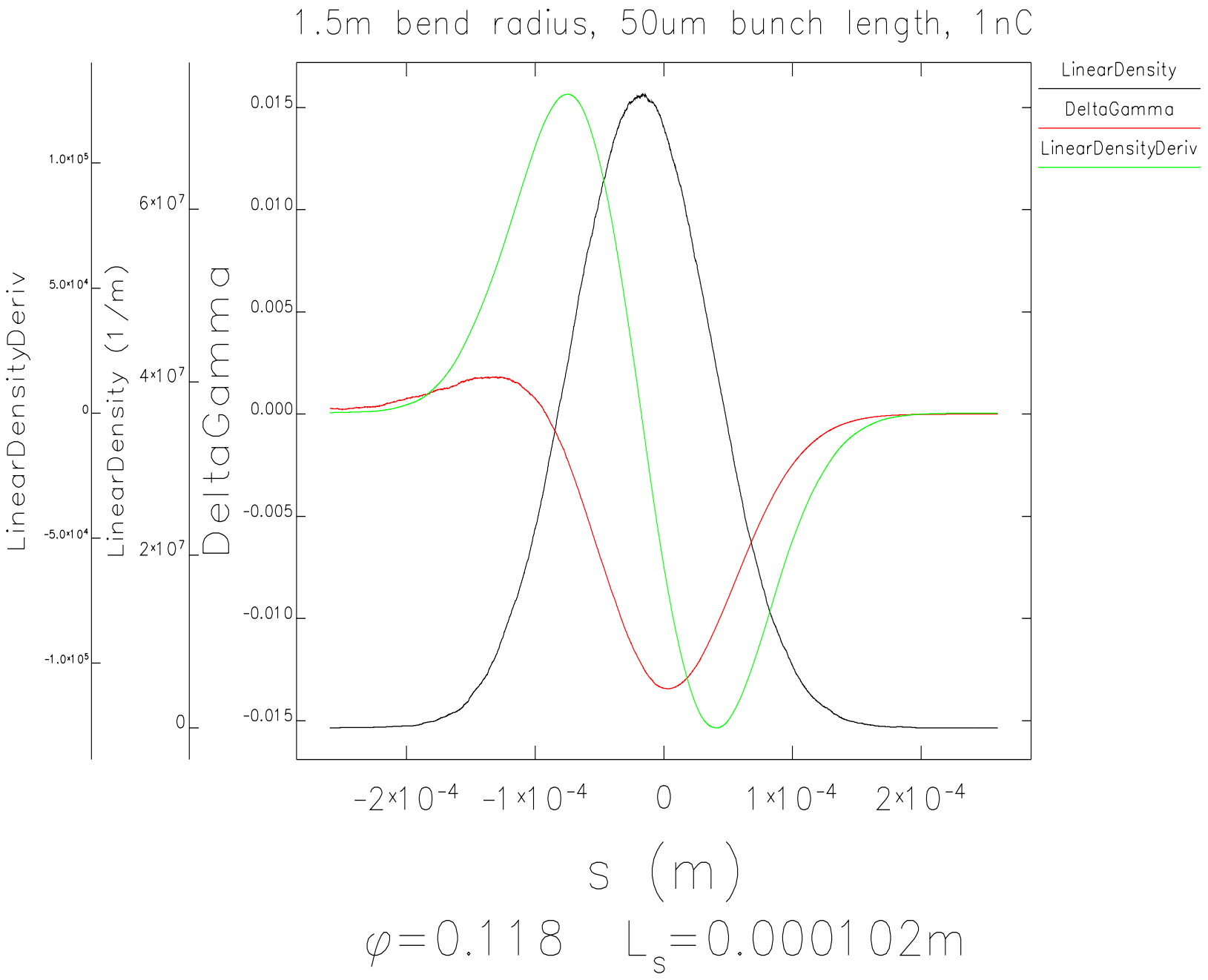

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.094
L_s=5.13e-05m

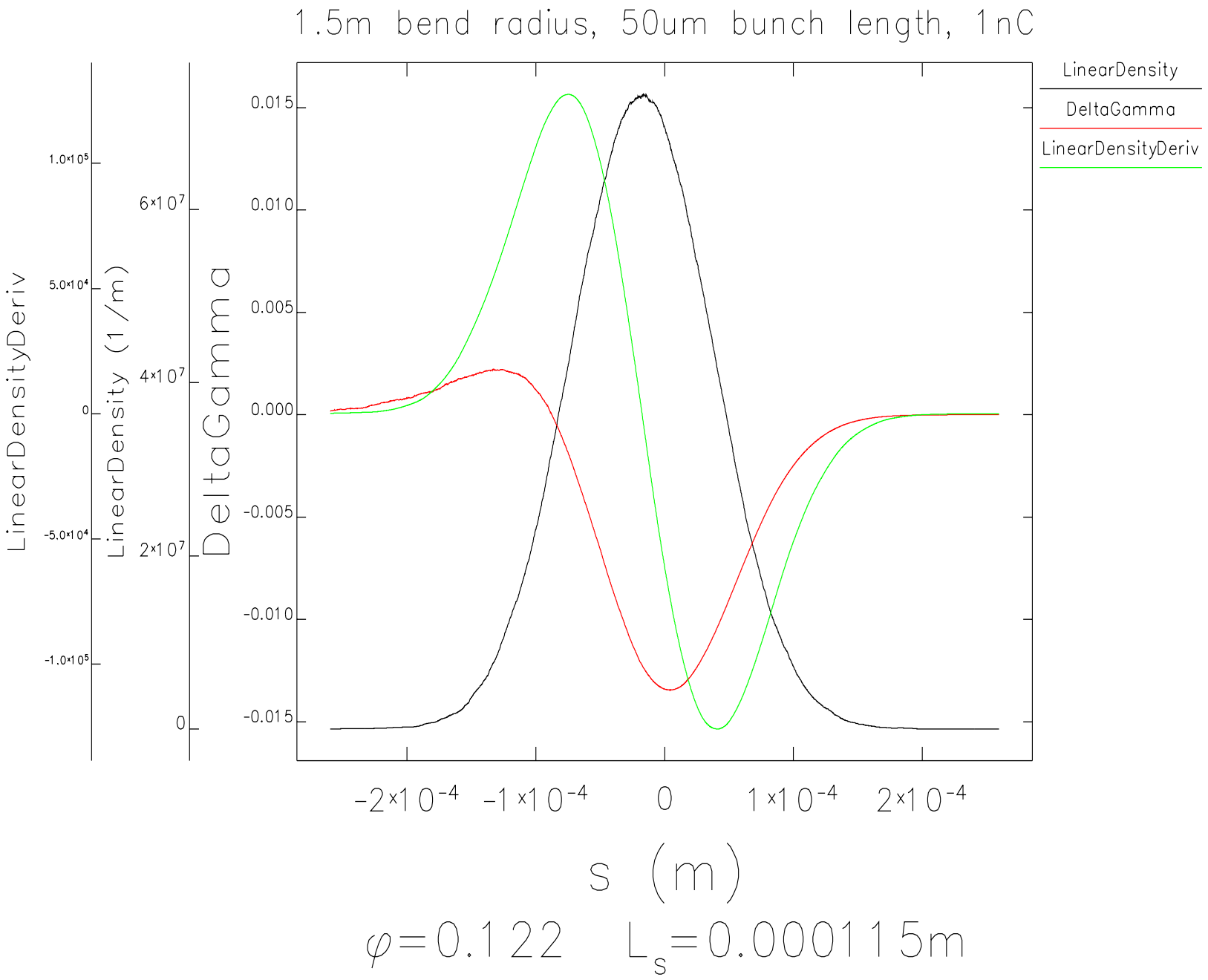

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.098
L_s=5.95e-05m

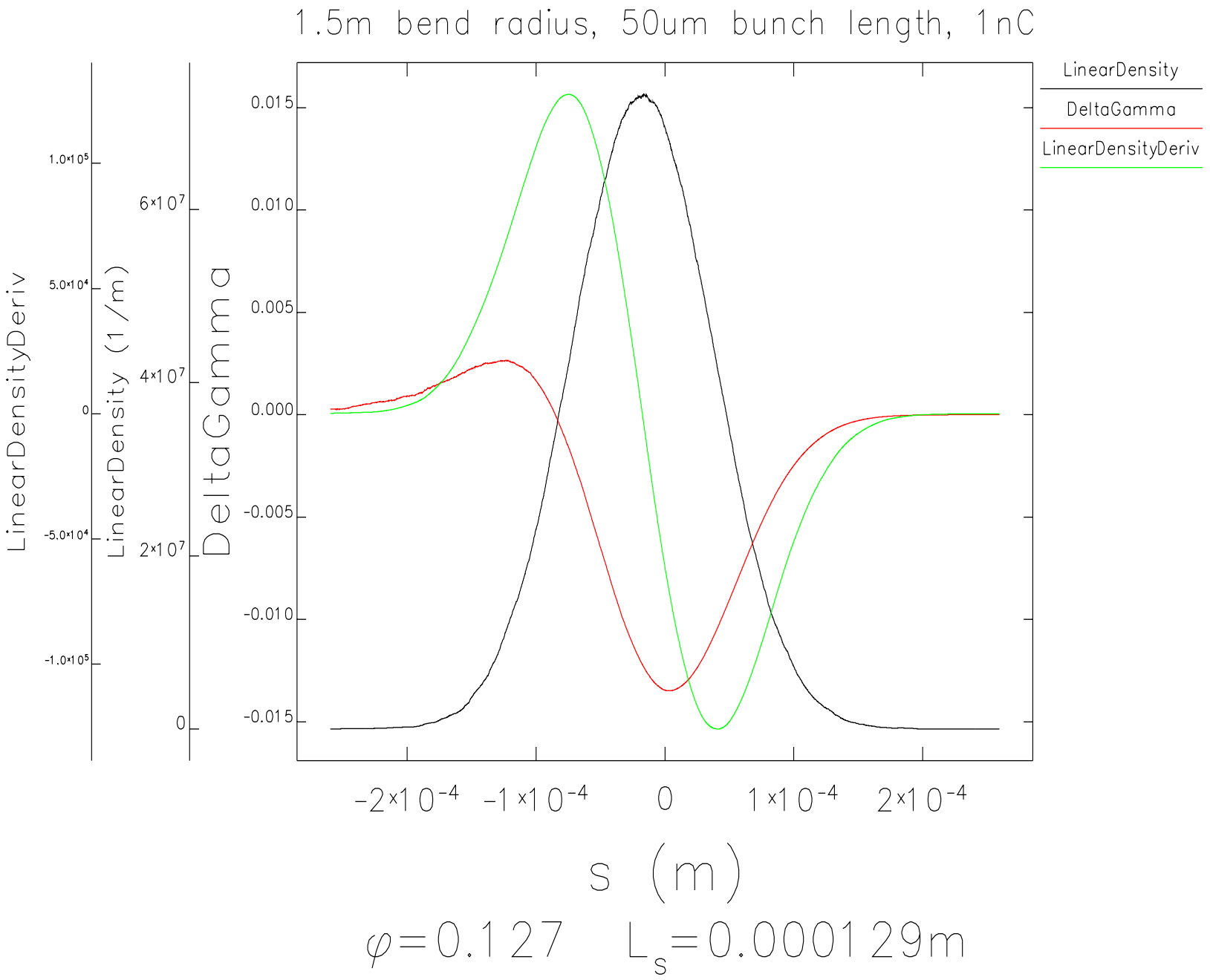

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.103 L_s=6.87e-05m

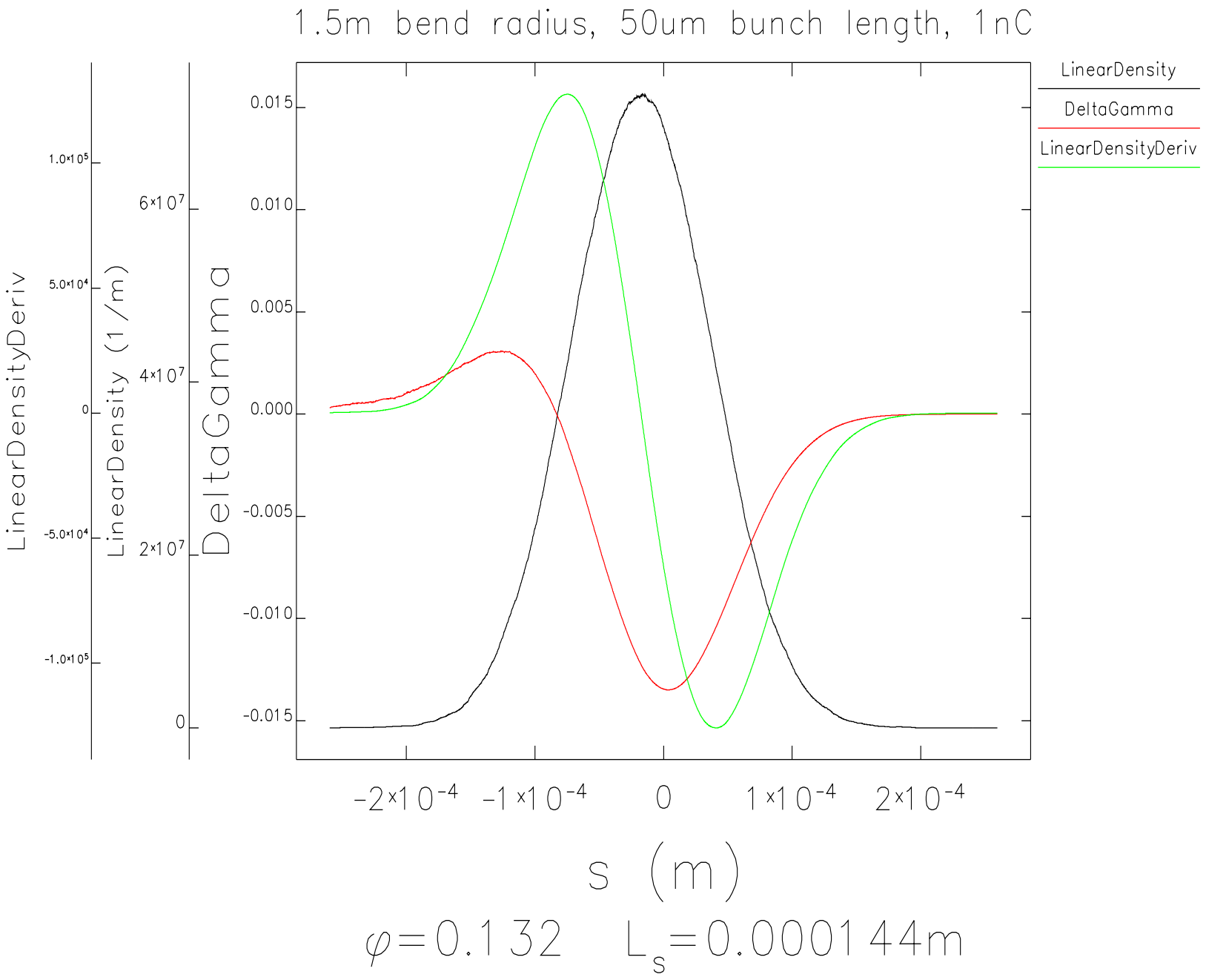

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.108
L_s=7.87e-05m

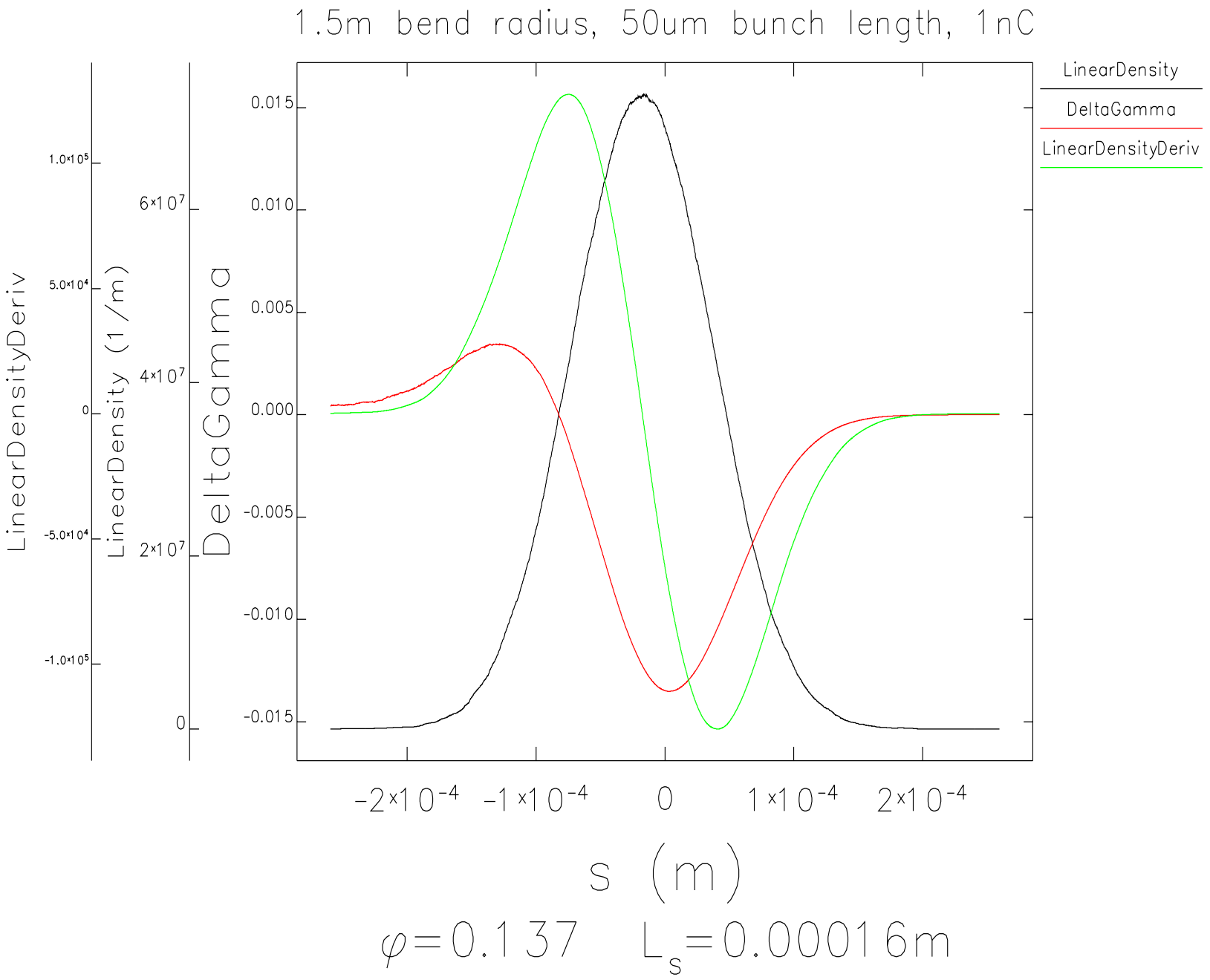

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.113 L_s=8.97e-05m

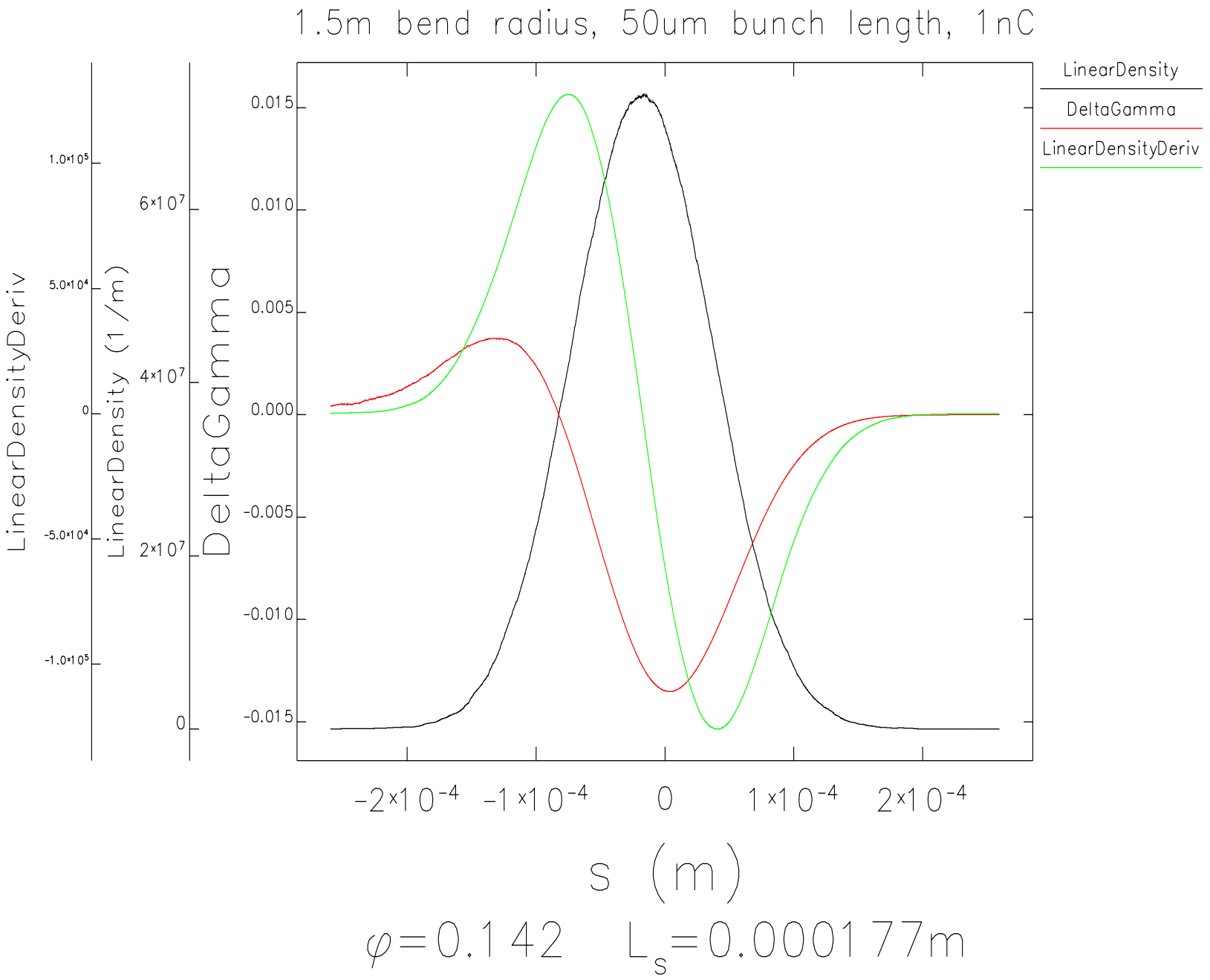

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.118 L_s=0.000102m

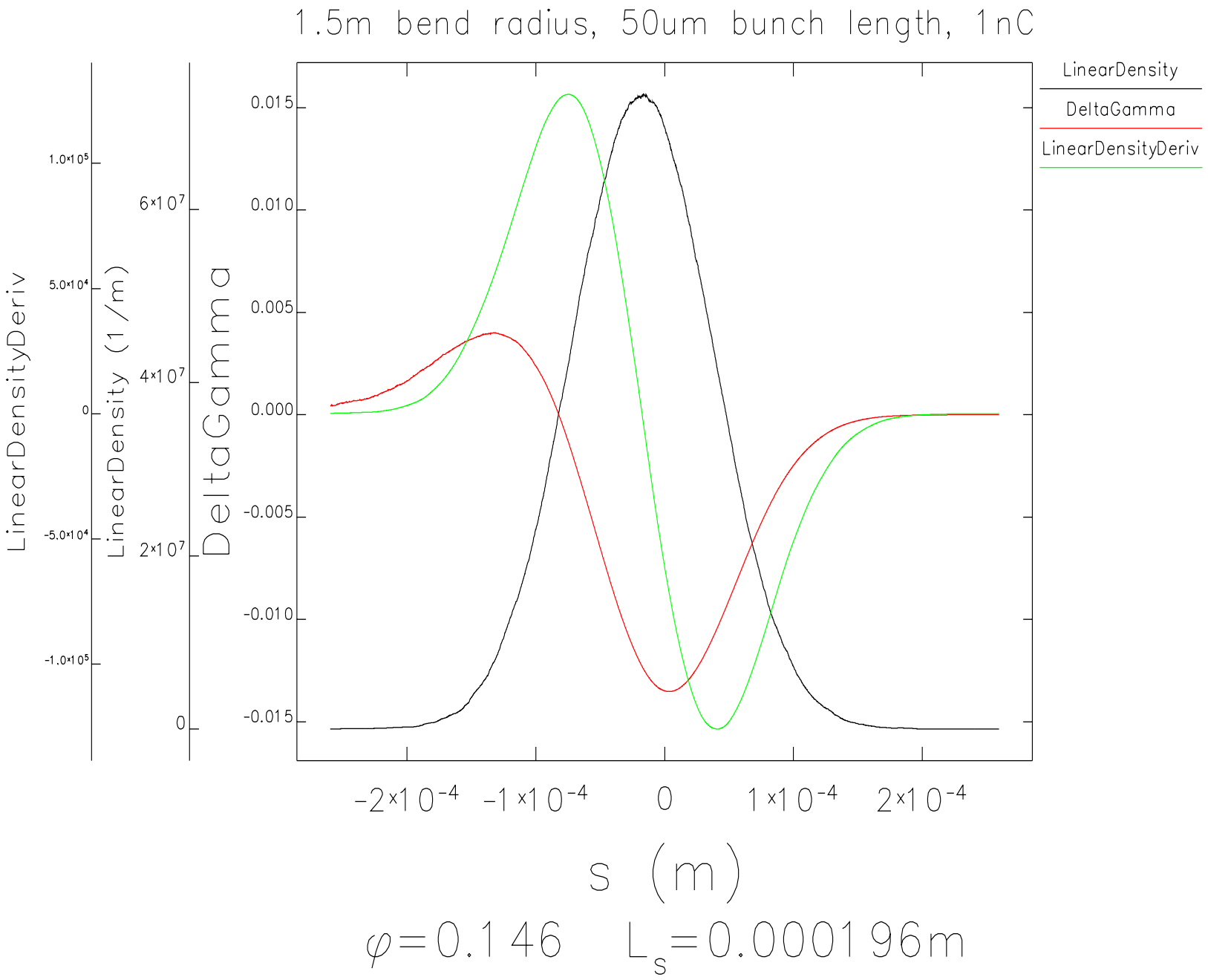

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.122 L_s=0.000115m

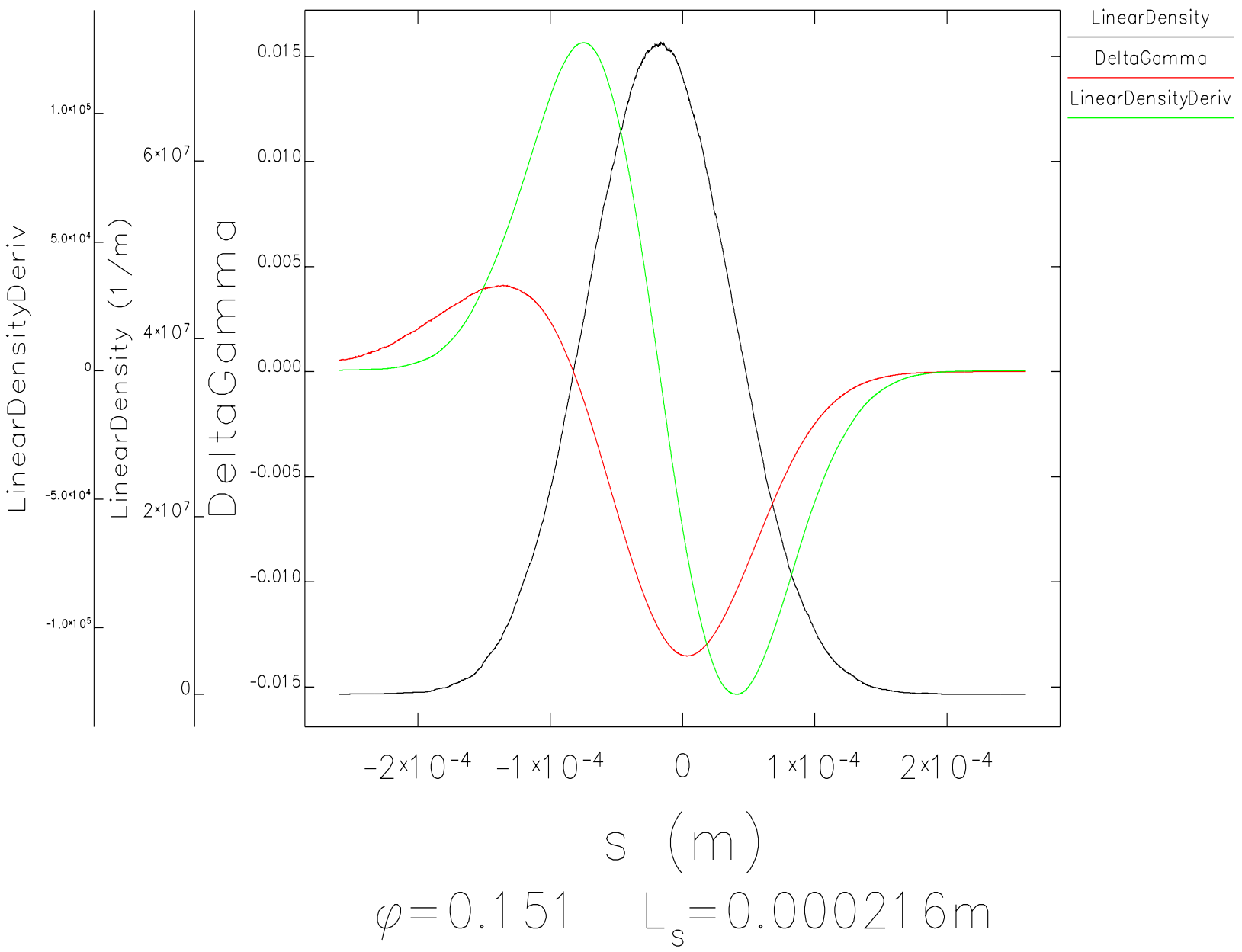

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.127
L_s=0.000129m

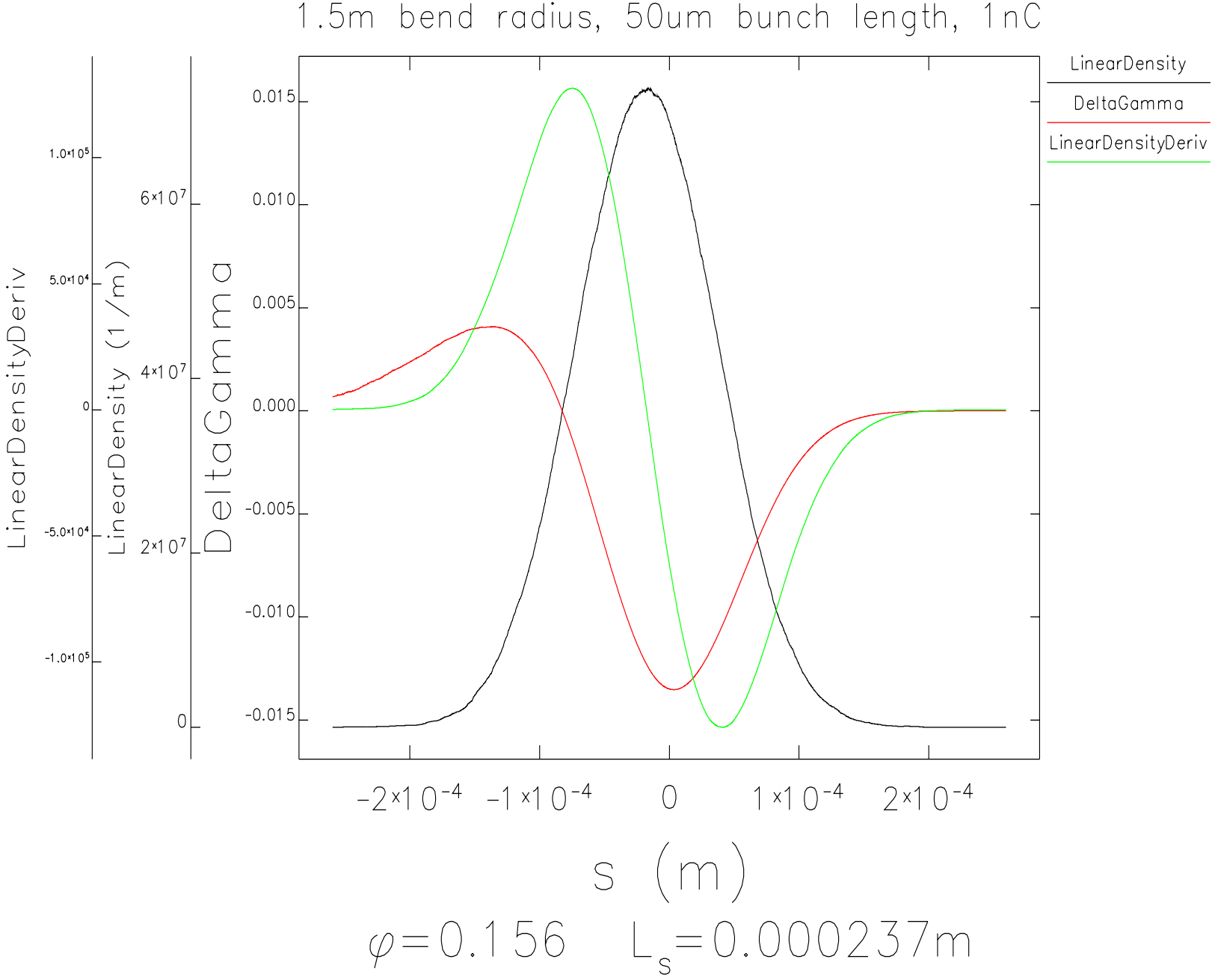

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.132 L_s=0.000144m

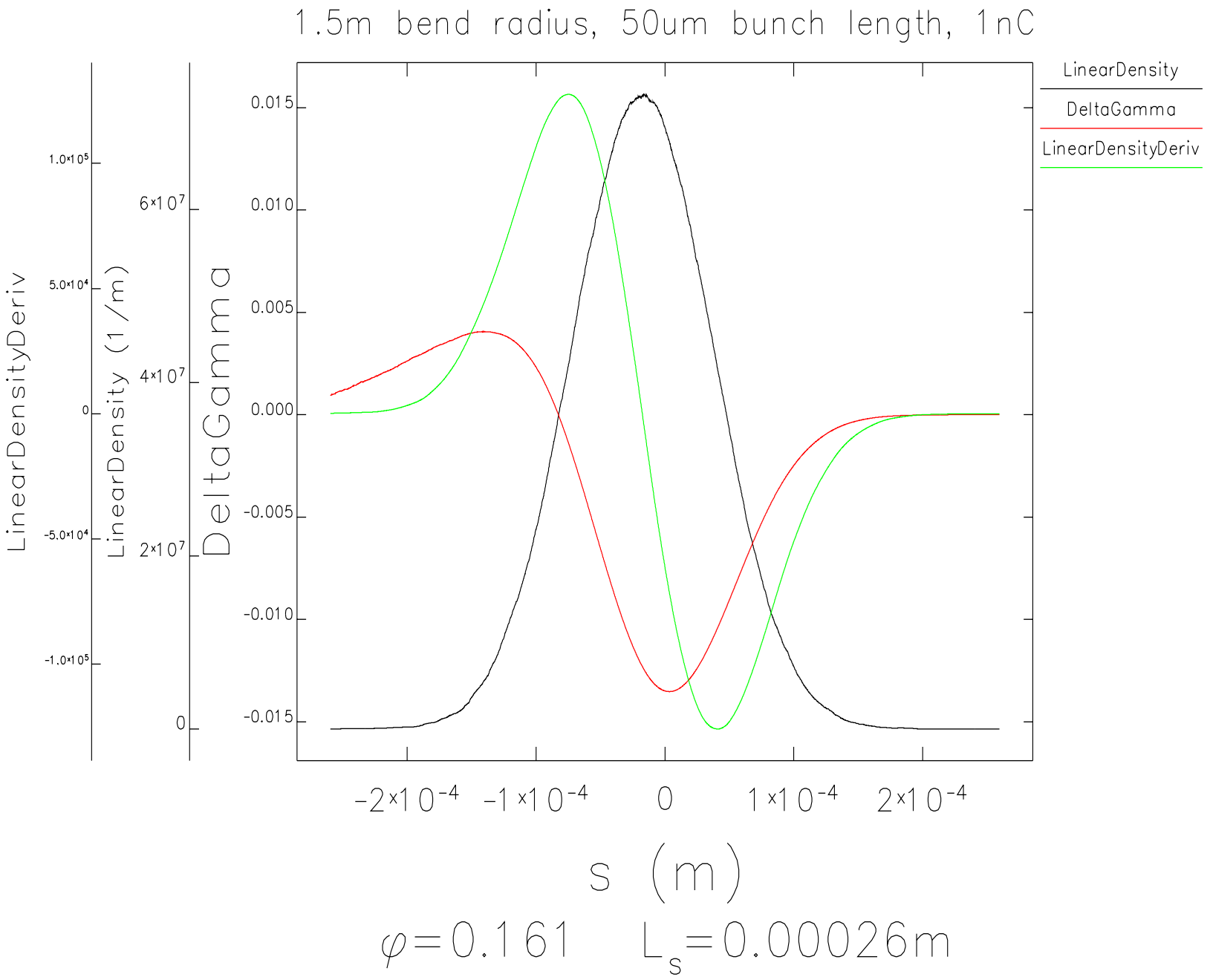

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.137
L_s=0.00016m

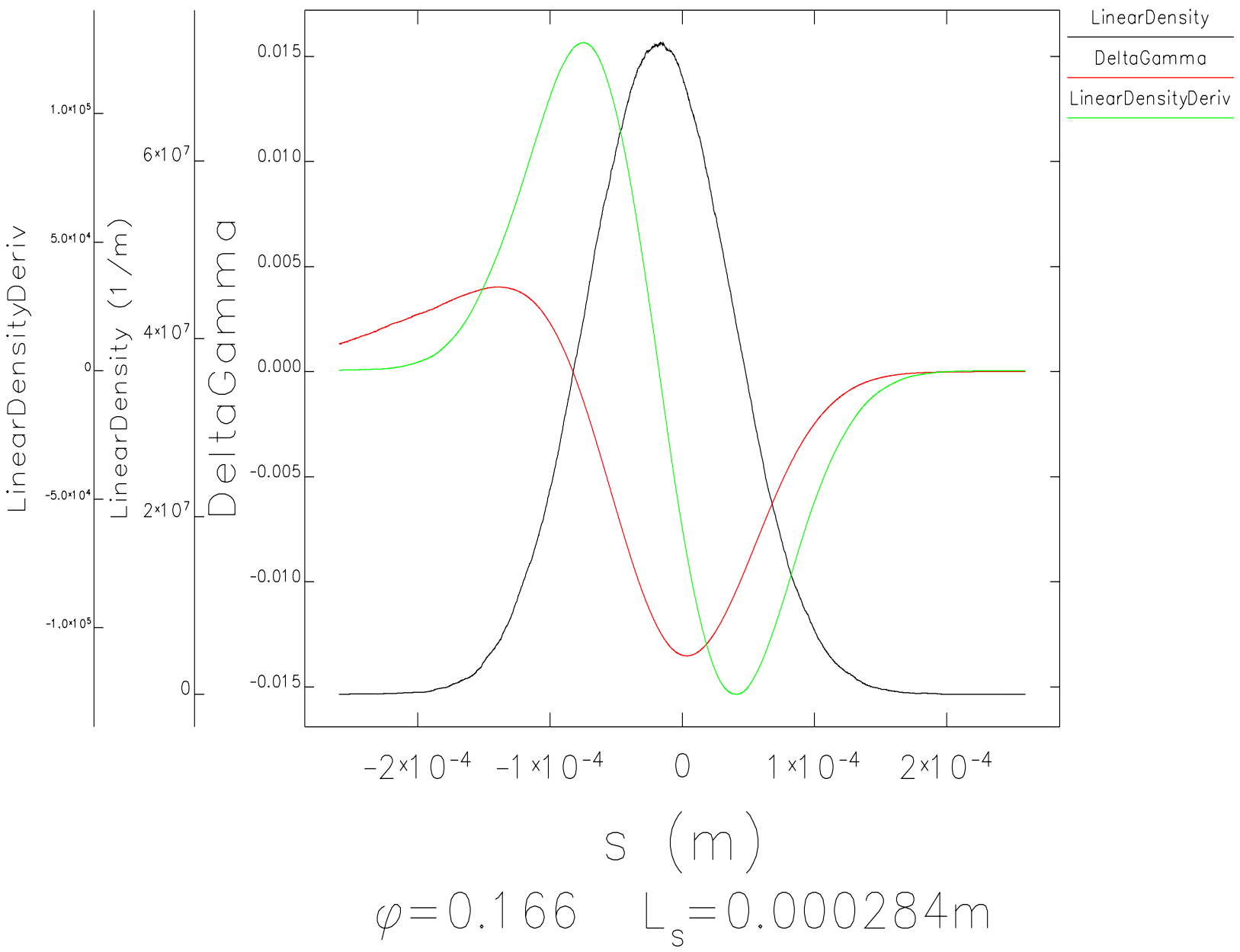

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.142
L_s=0.000177m

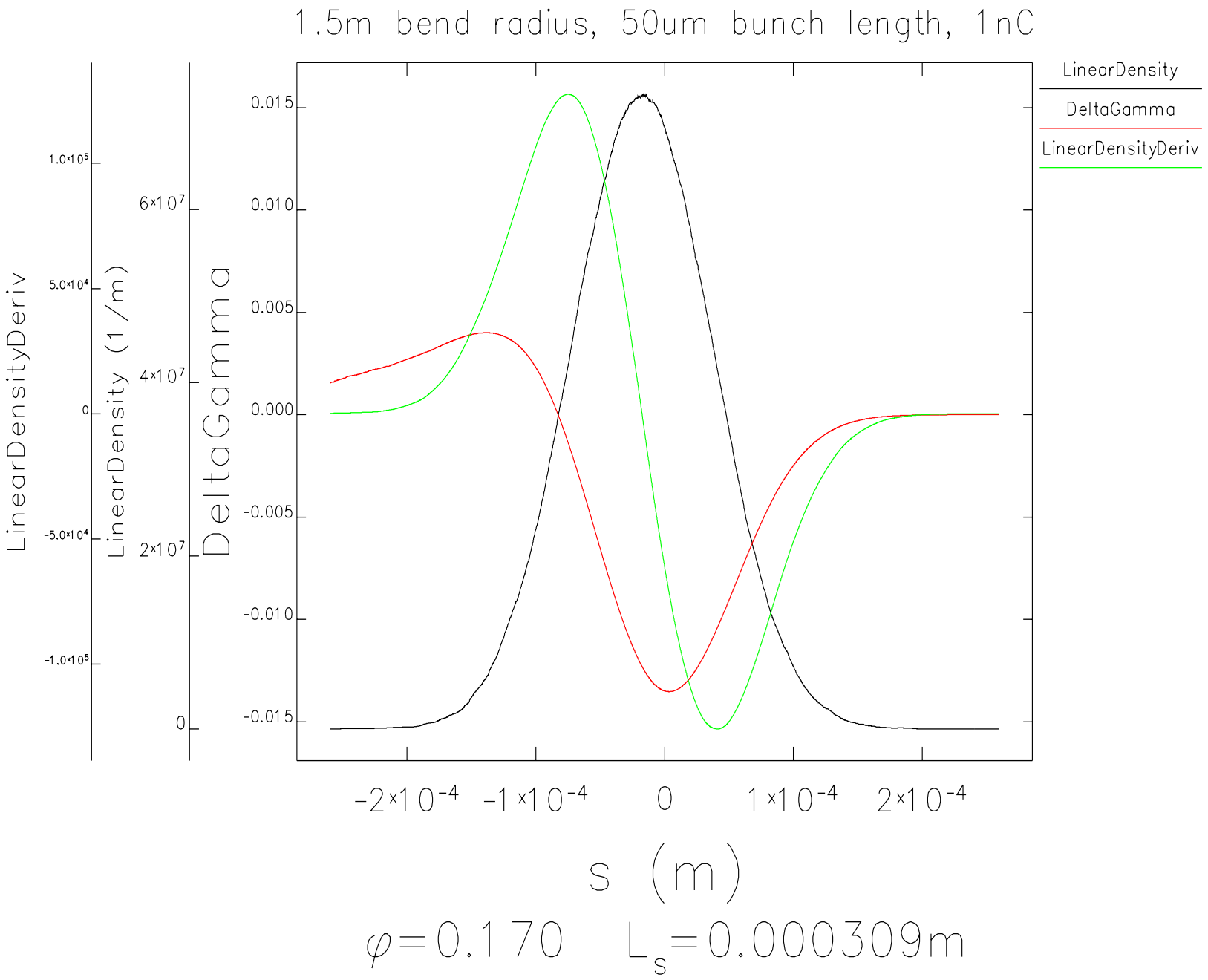

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.146
L_s=0.000196m

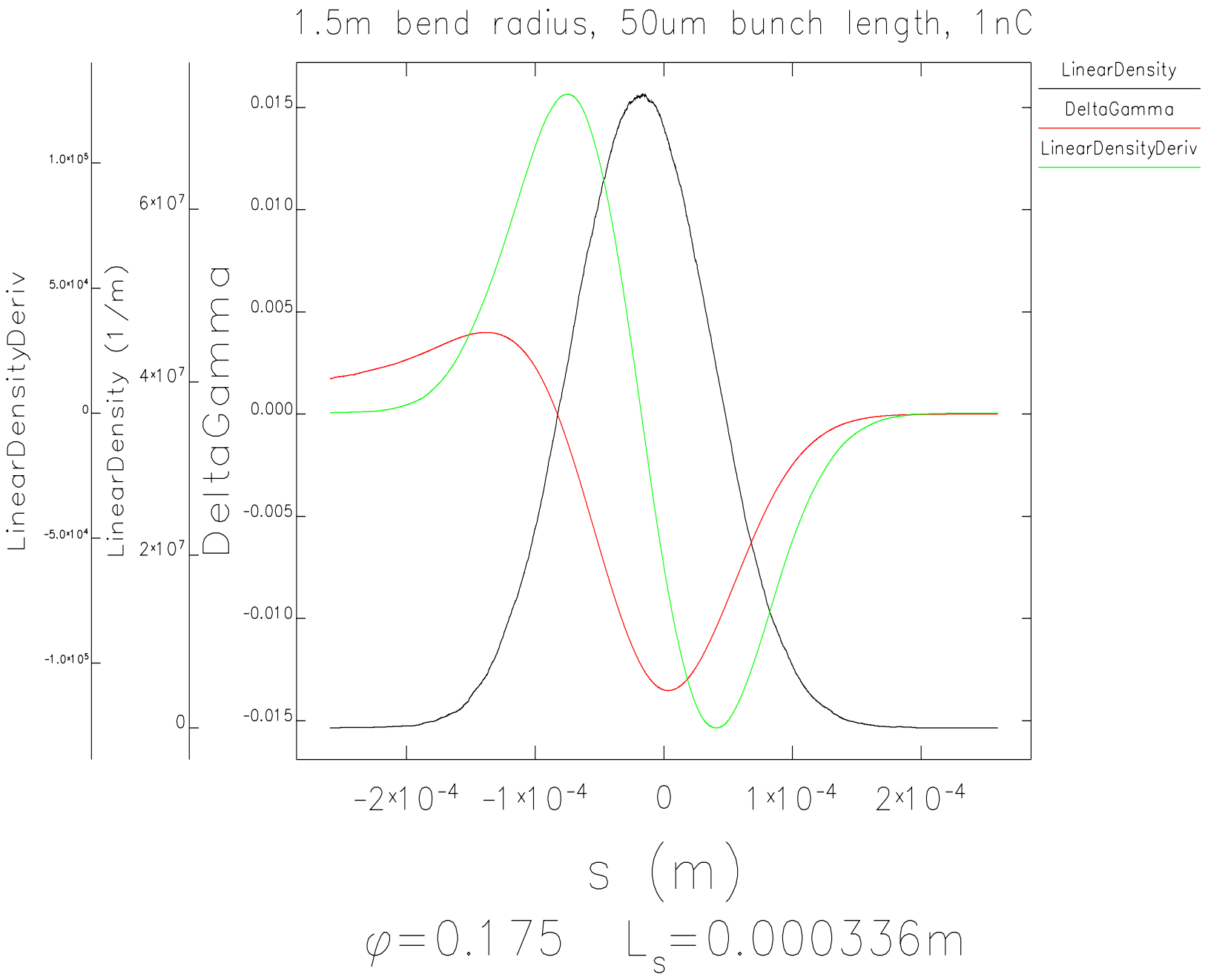

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.151
L_s=0.000216m

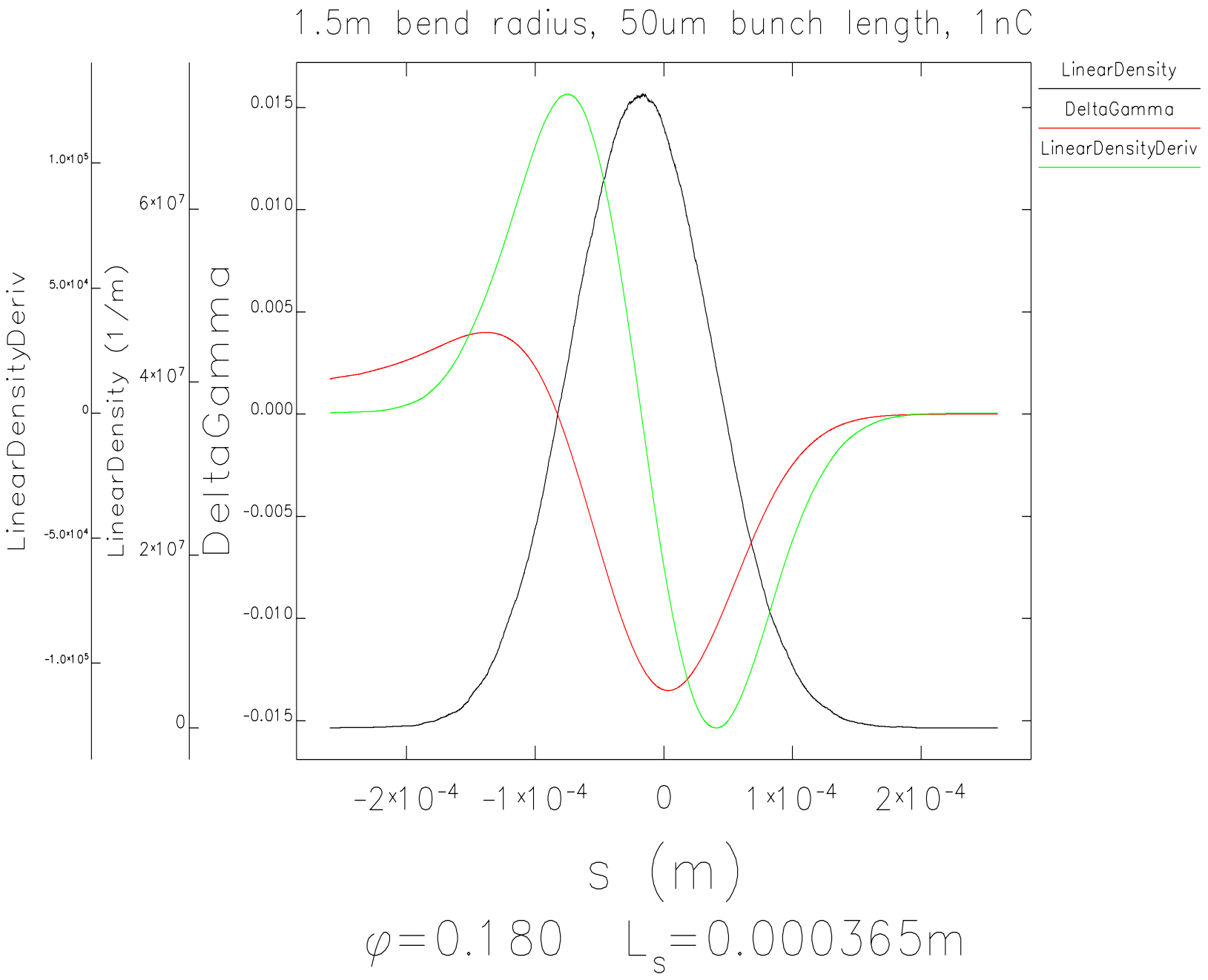

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.156
L_s=0.000237m

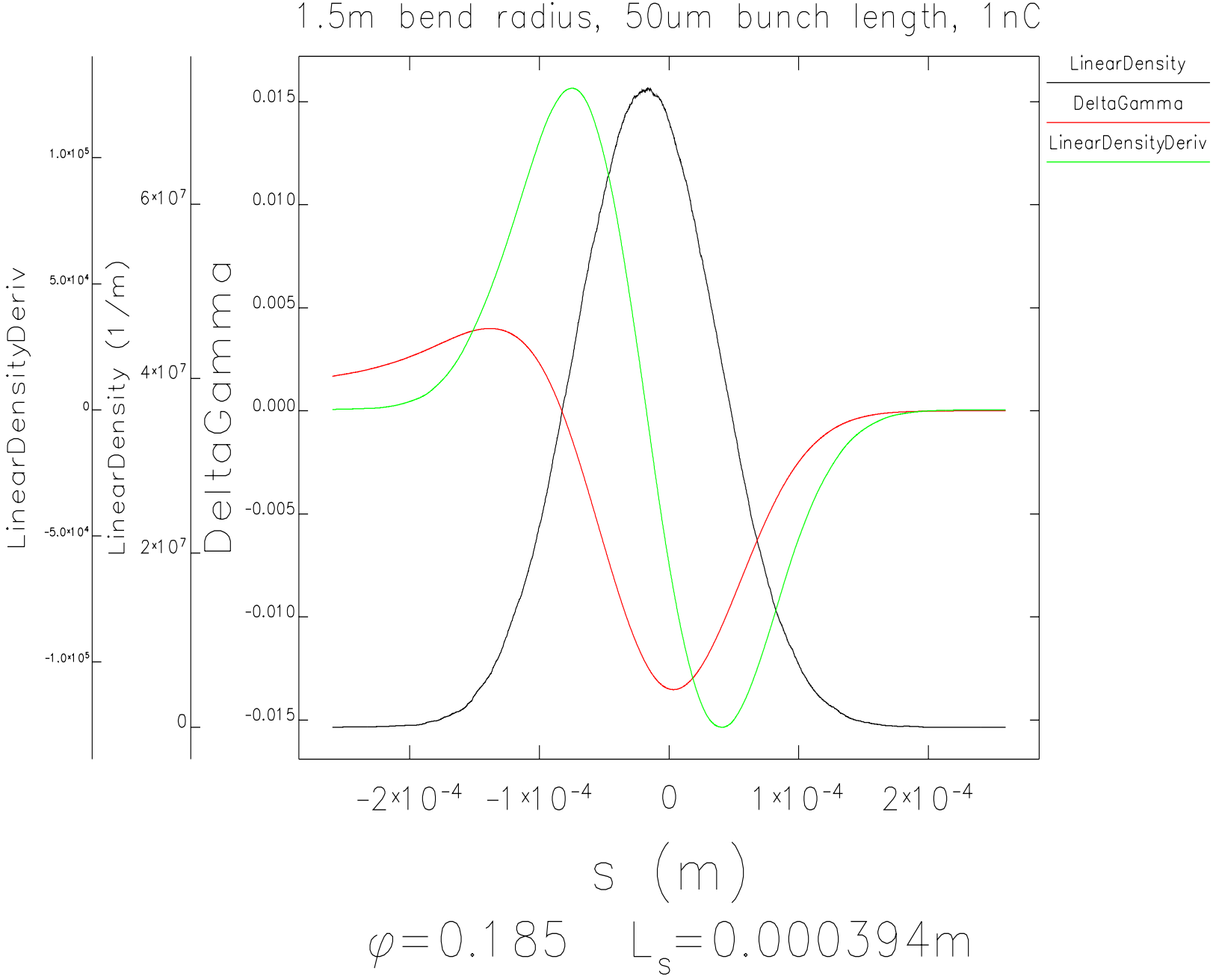

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.161
L_s=0.00026m

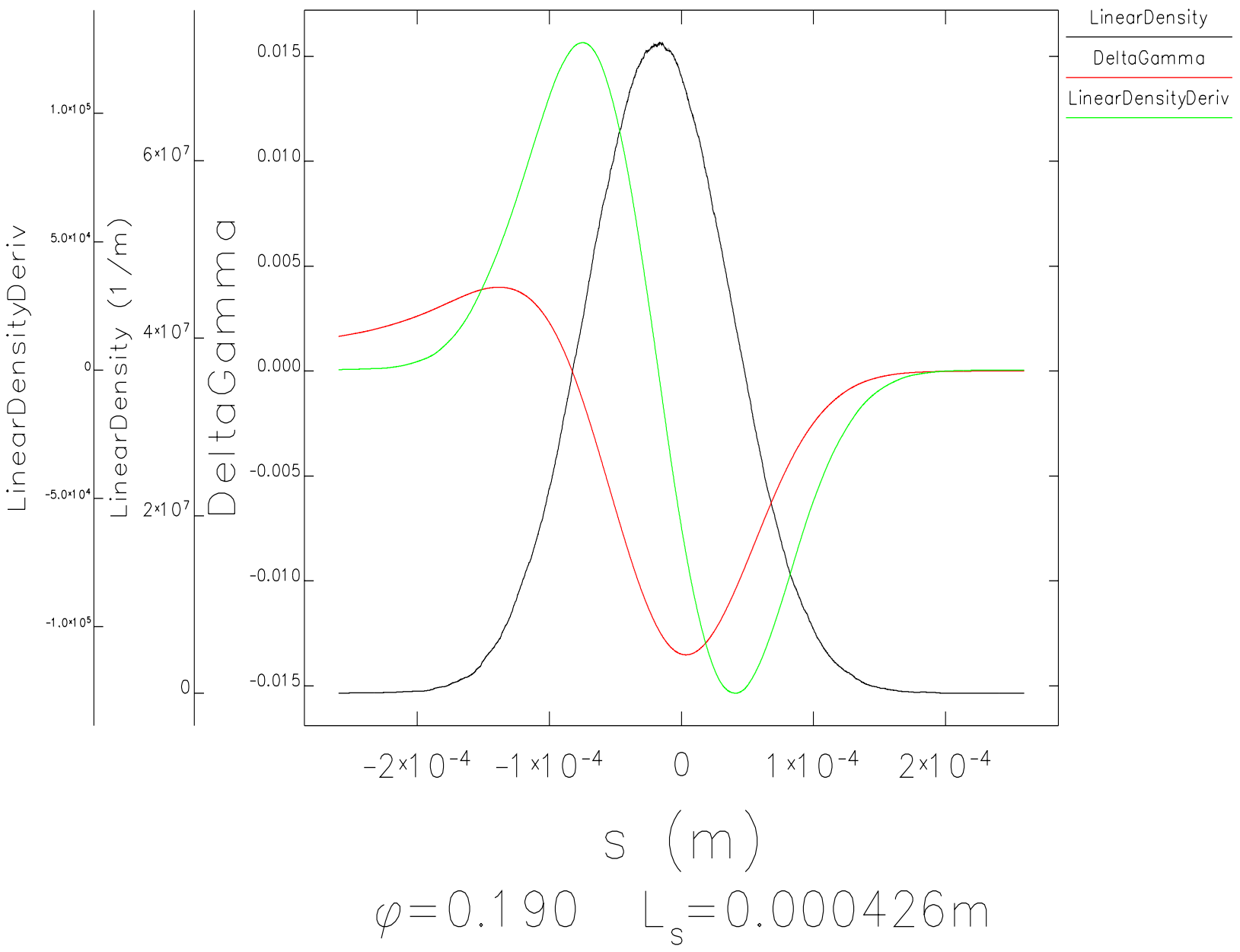

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.166
L_s=0.000284m

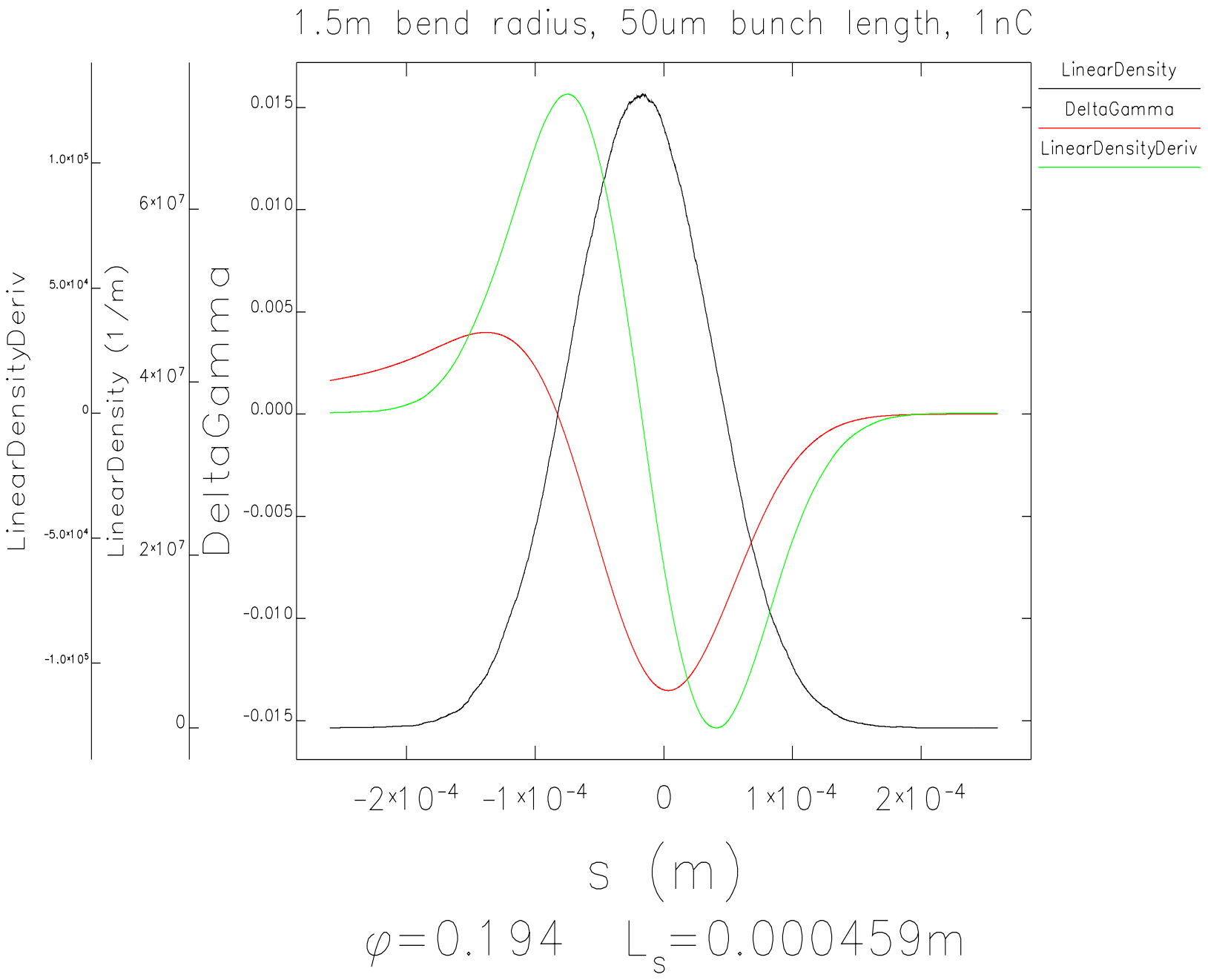

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.170
L_s=0.000309m

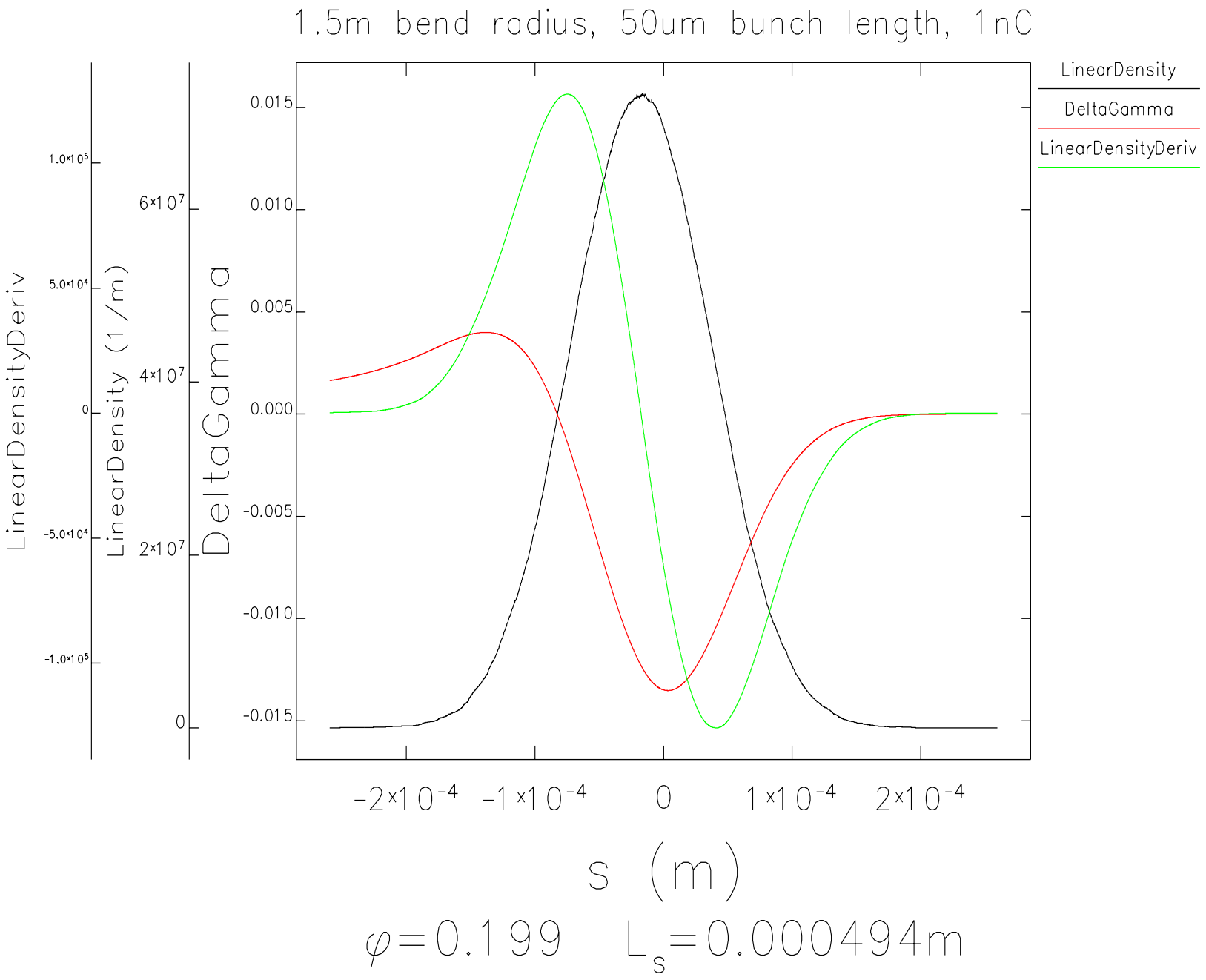

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.175 L_s=0.000336m

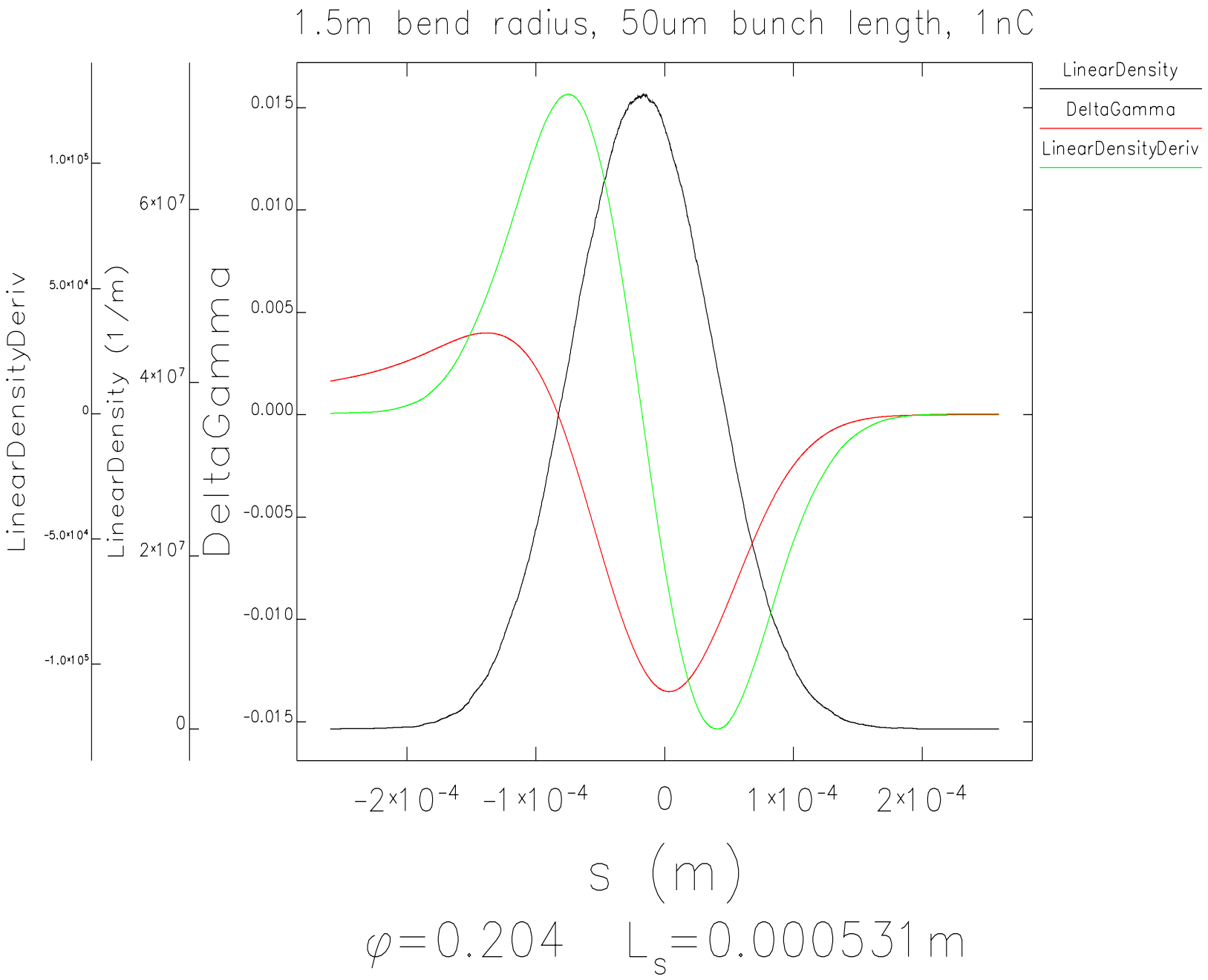

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.180 L_s=0.000365m

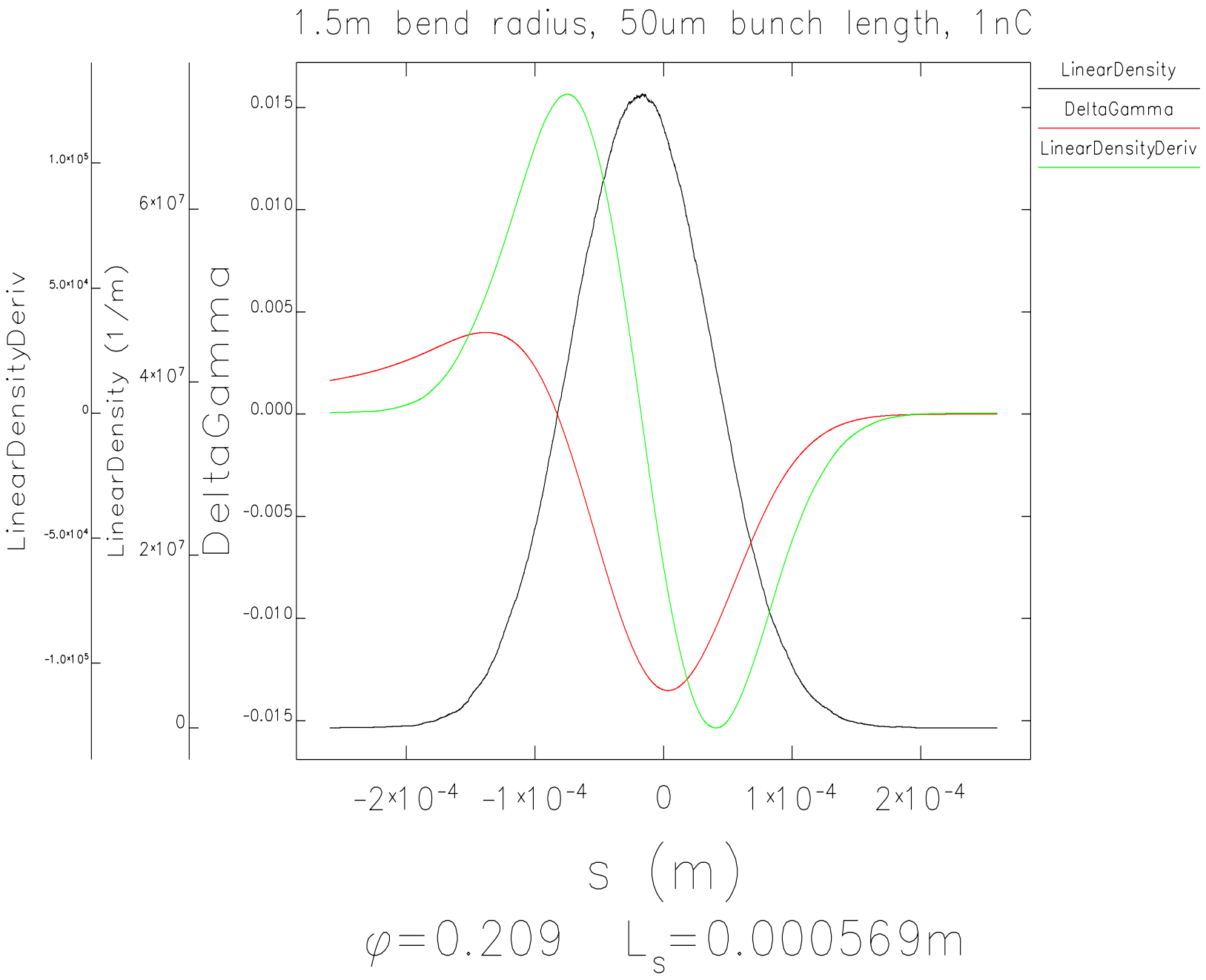

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.185
L_s=0.000394m

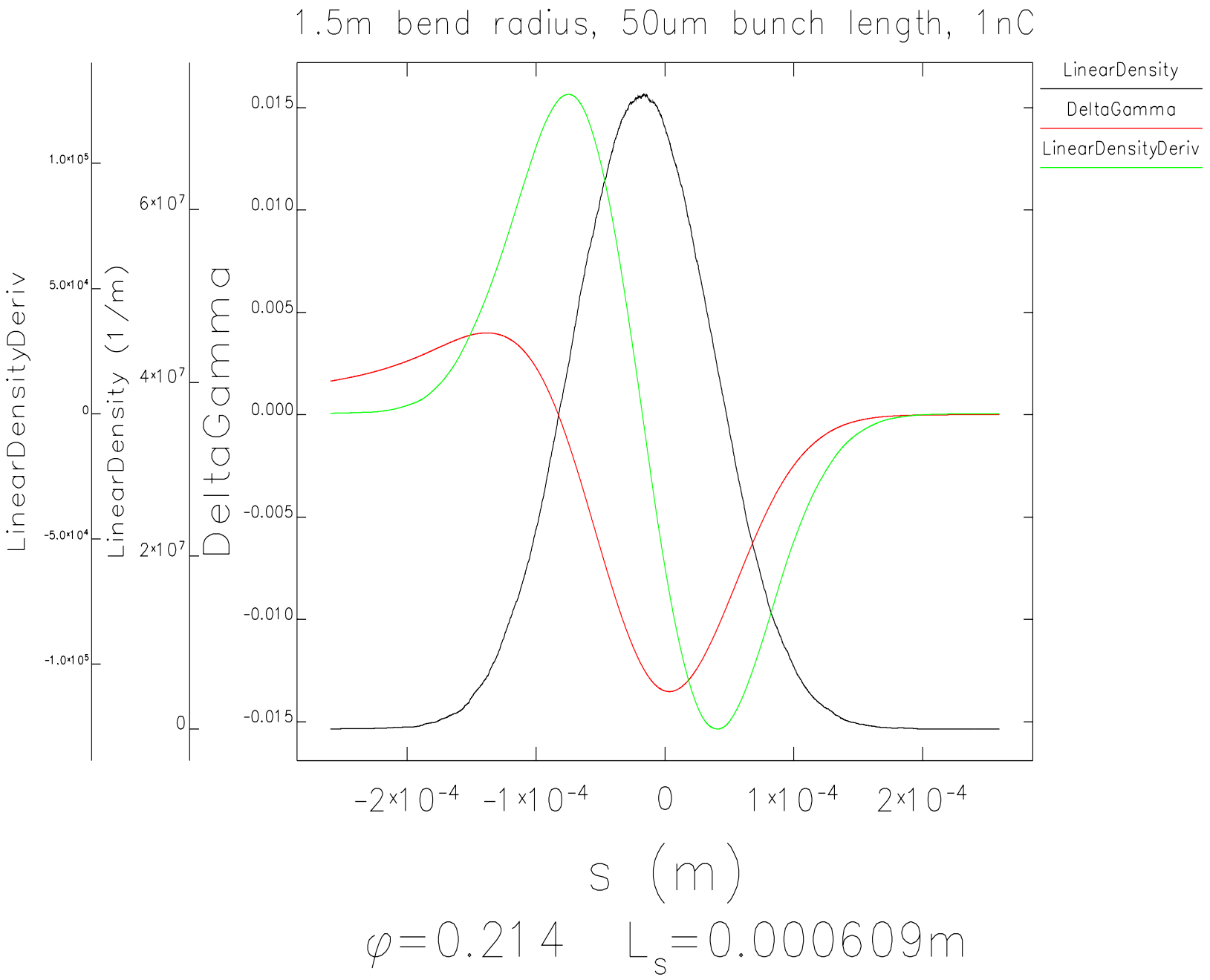

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.190 L_s=0.000426m

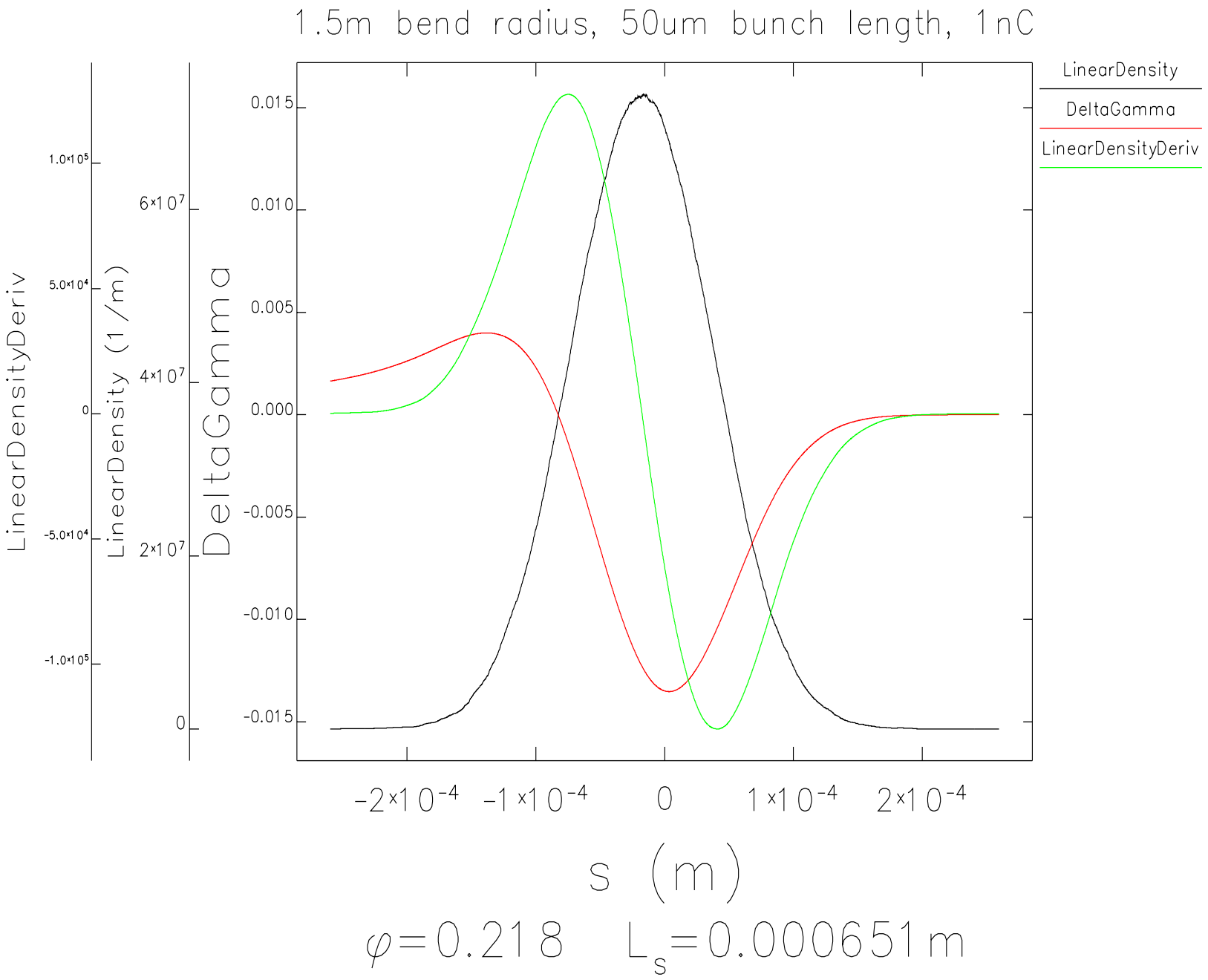

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.194
L_s=0.000459m

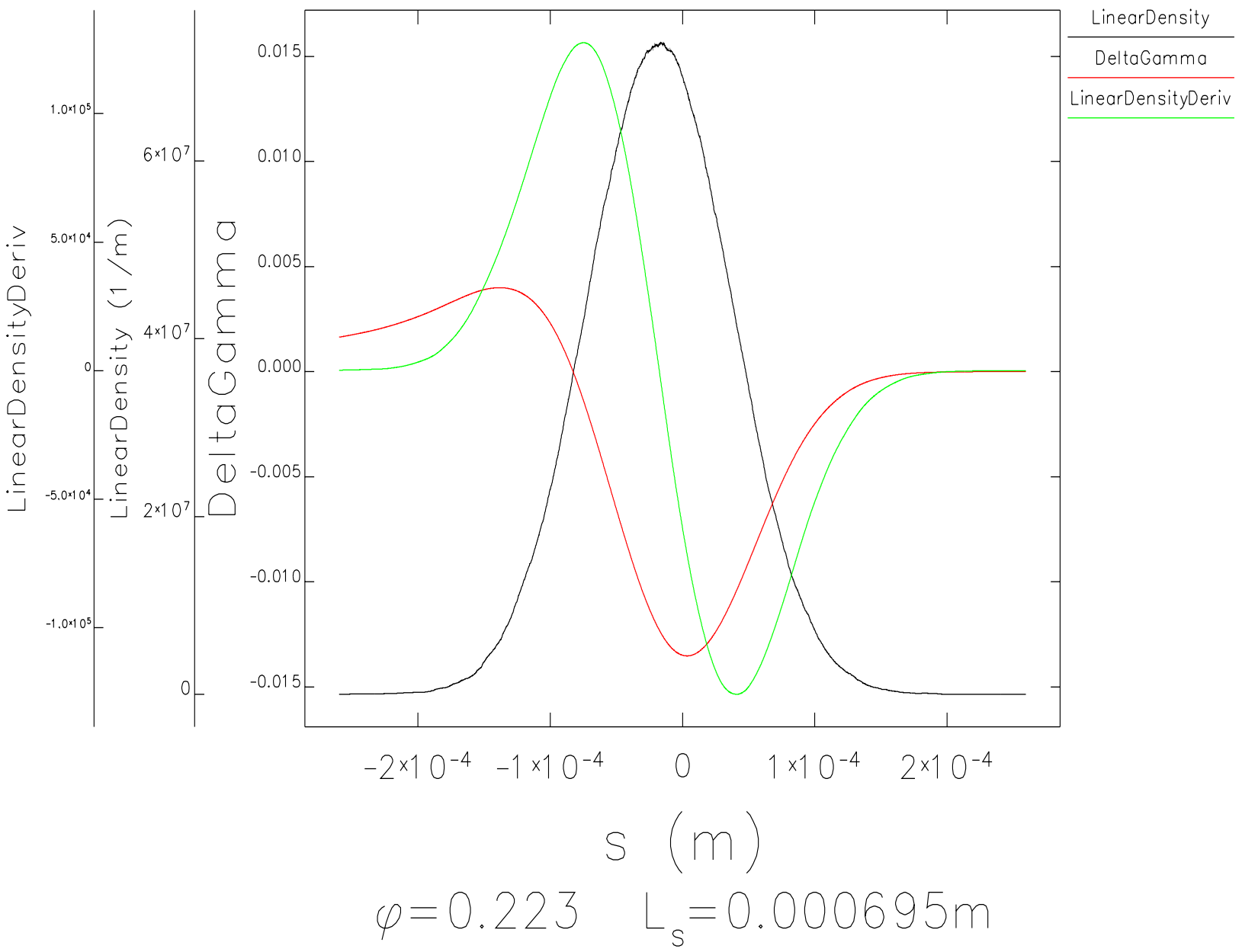

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.199
L_s=0.000494m

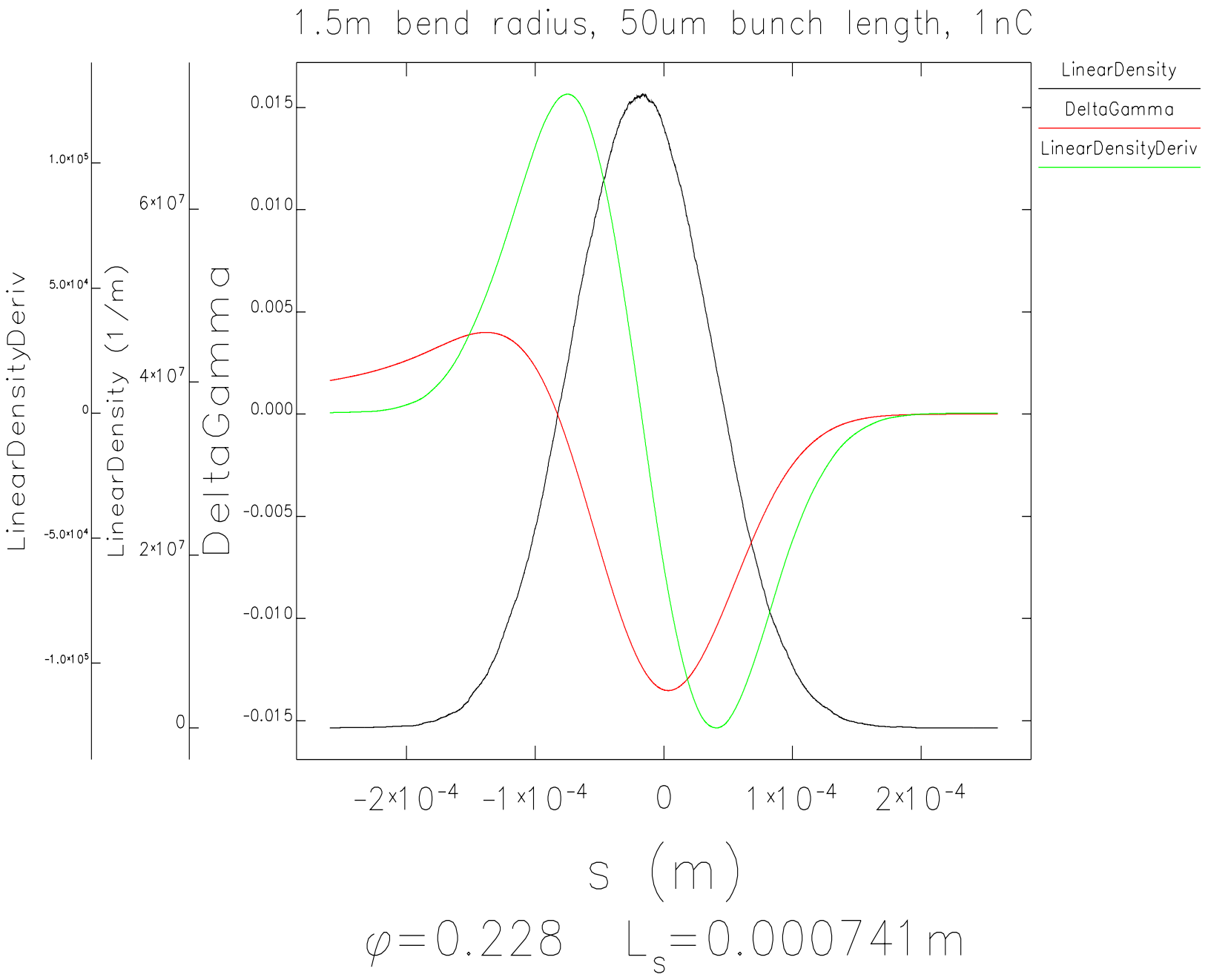

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.204 L_s=0.000531 m

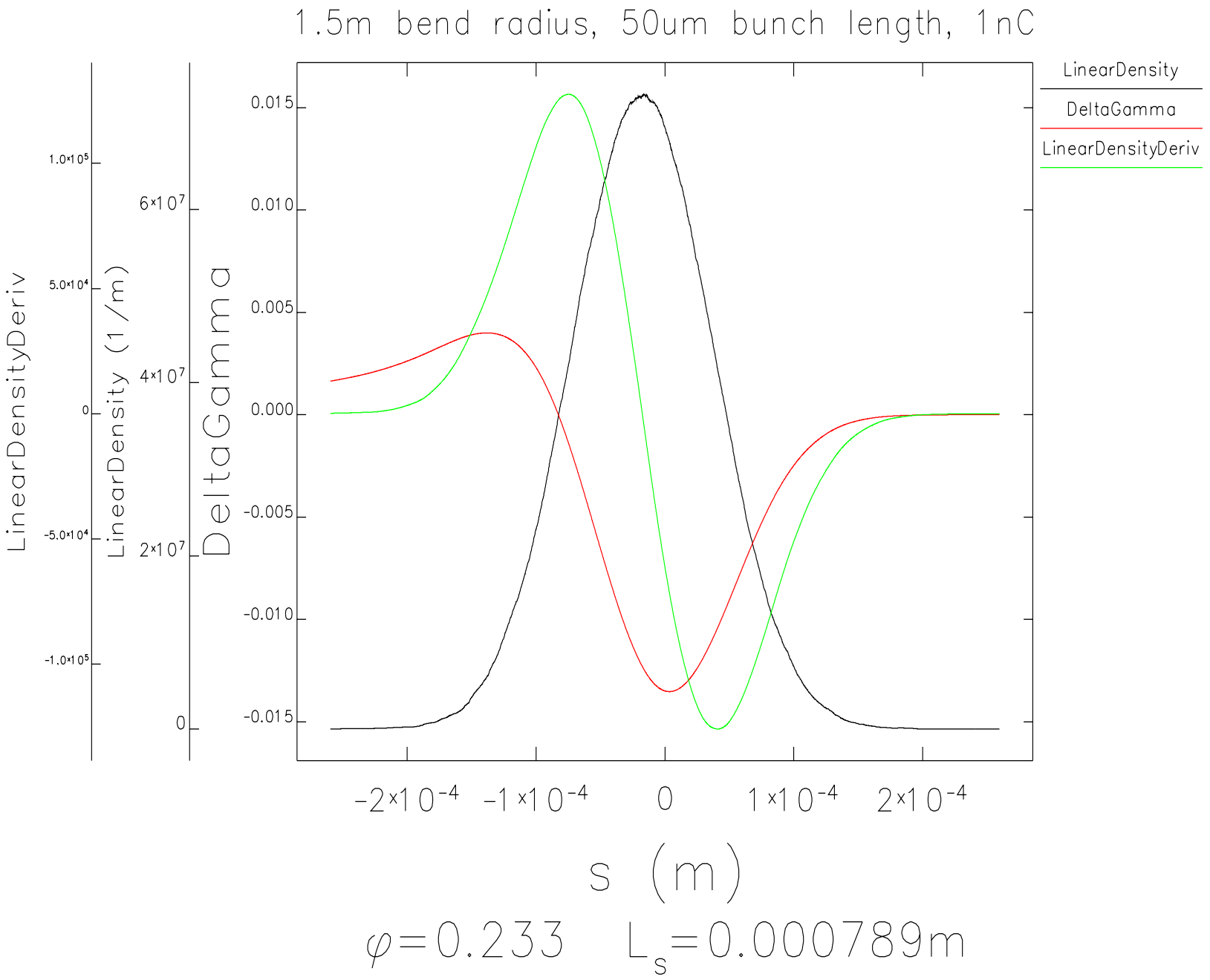

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.209
L_s=0.000569m

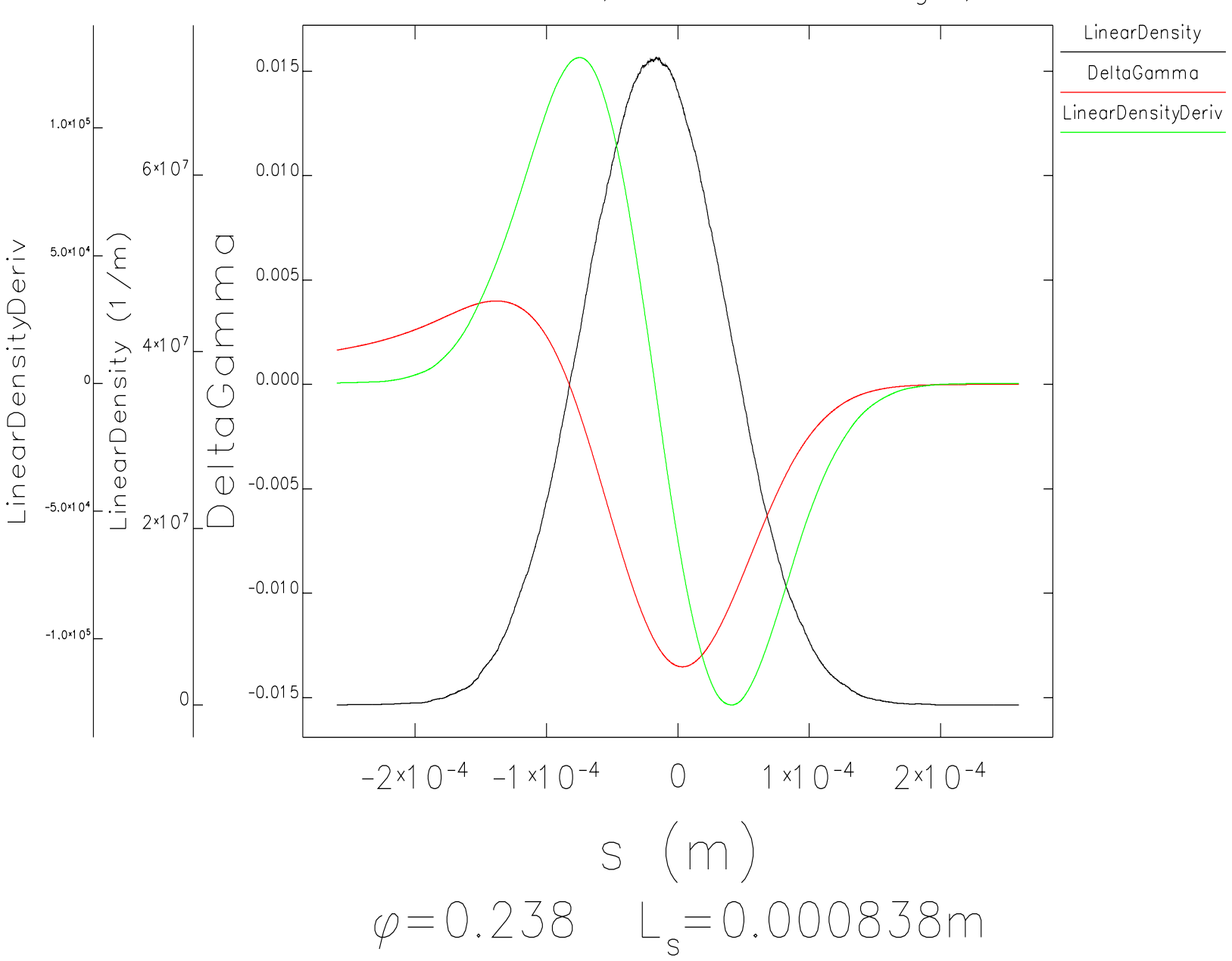

1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.214
L_s=0.000609m


1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.218 L_s=0.000651m


1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.223 L_s=0.000695m


1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.228 L_s=0.000741 m


1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.233
L_s=0.000789m


1.5m bend radius, 50um bunch length, 1nC
LinearDensity
DeltaGamma
LinearDensityDeriv
LinearDensityDeriv
LinearDensity (1/m)
DeltaGamma
1.0×10^5
5.0×10^4
0
-5.0×10^4
-1.0×10^5
6×10^7
4×10^7
2×10^7
0
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
-2×10^-4
-1×10^-4
0
1×10^-4
2×10^-4
s (m)
φ=0.238 L_s=0.000838m