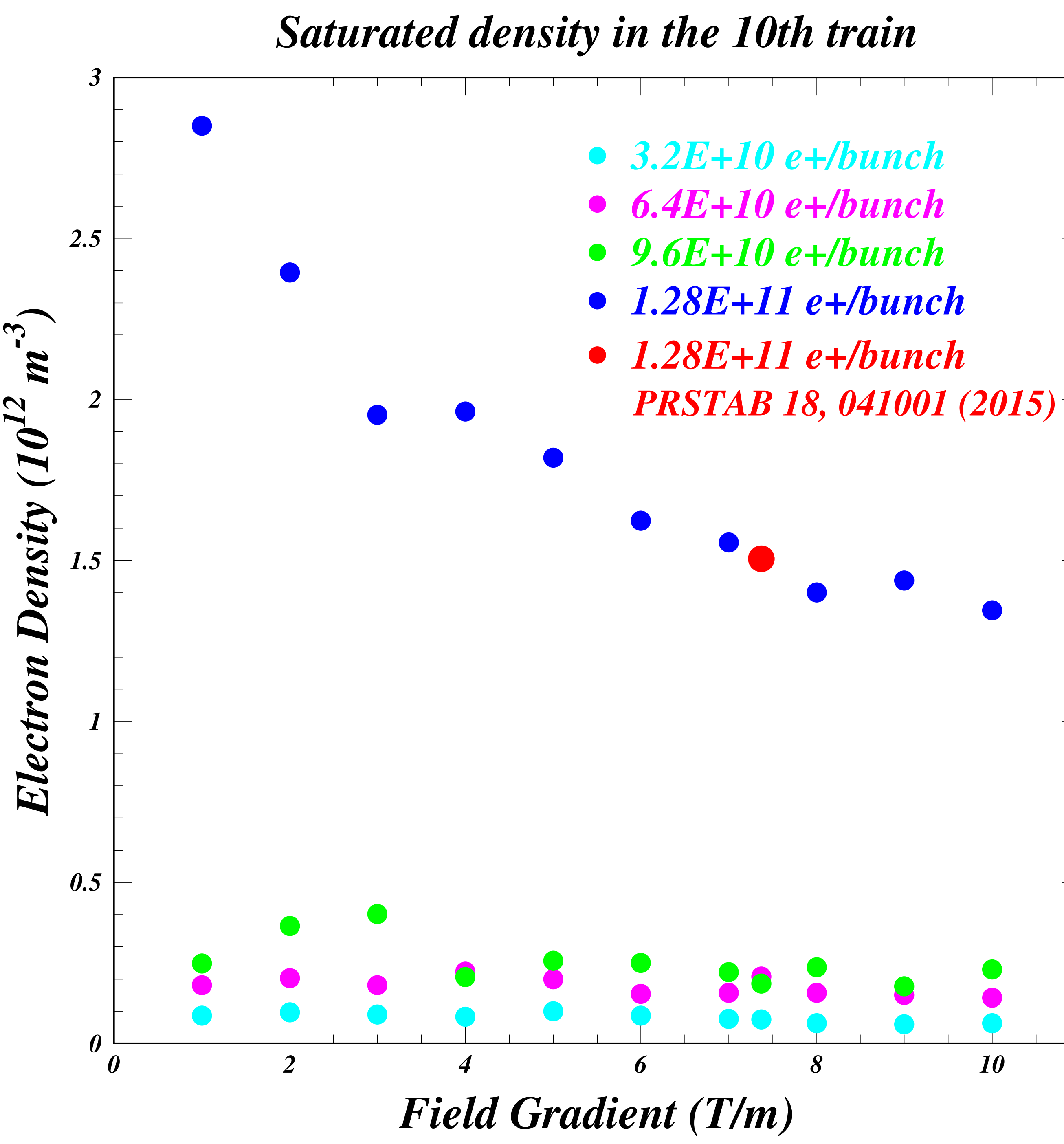
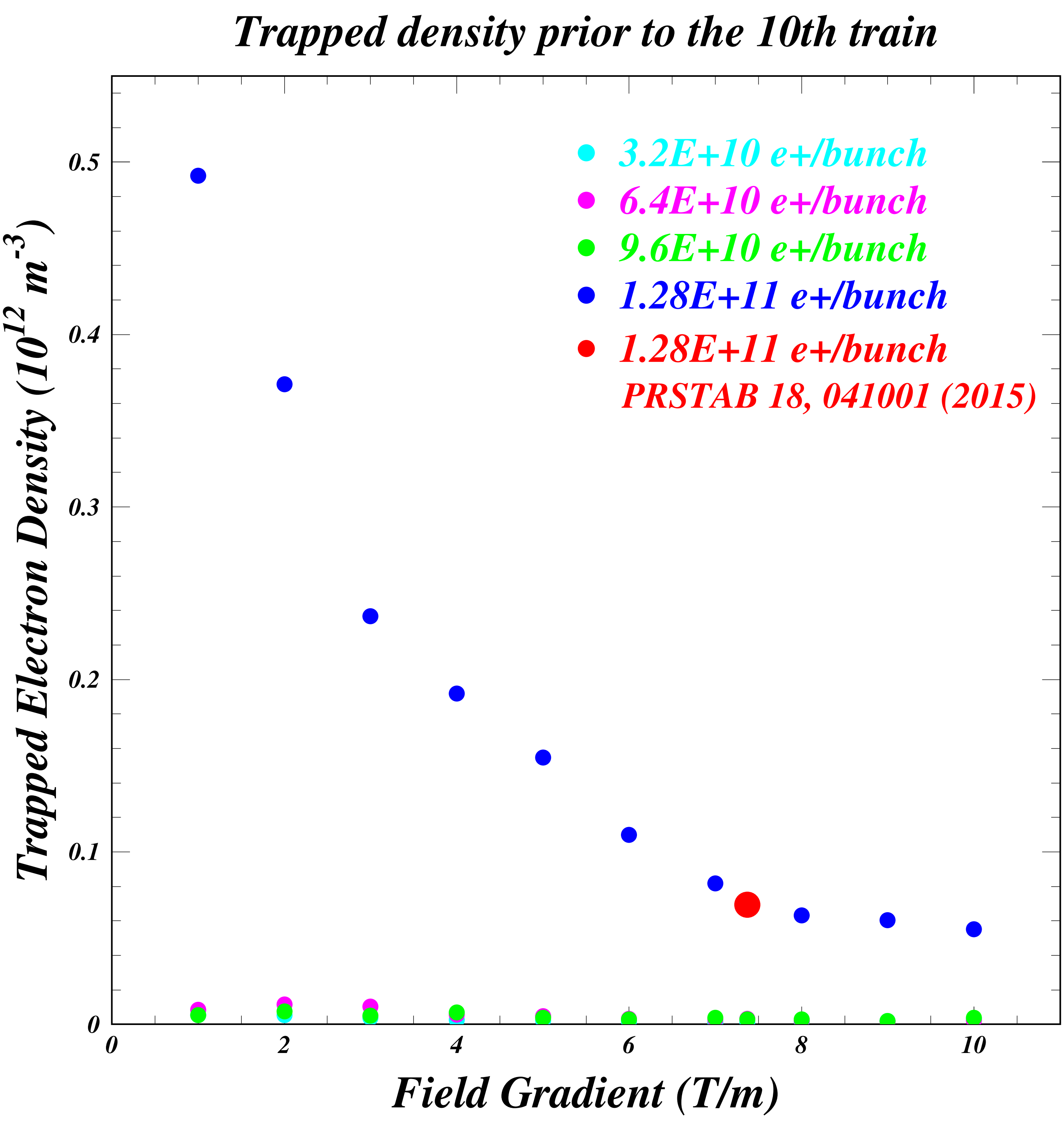
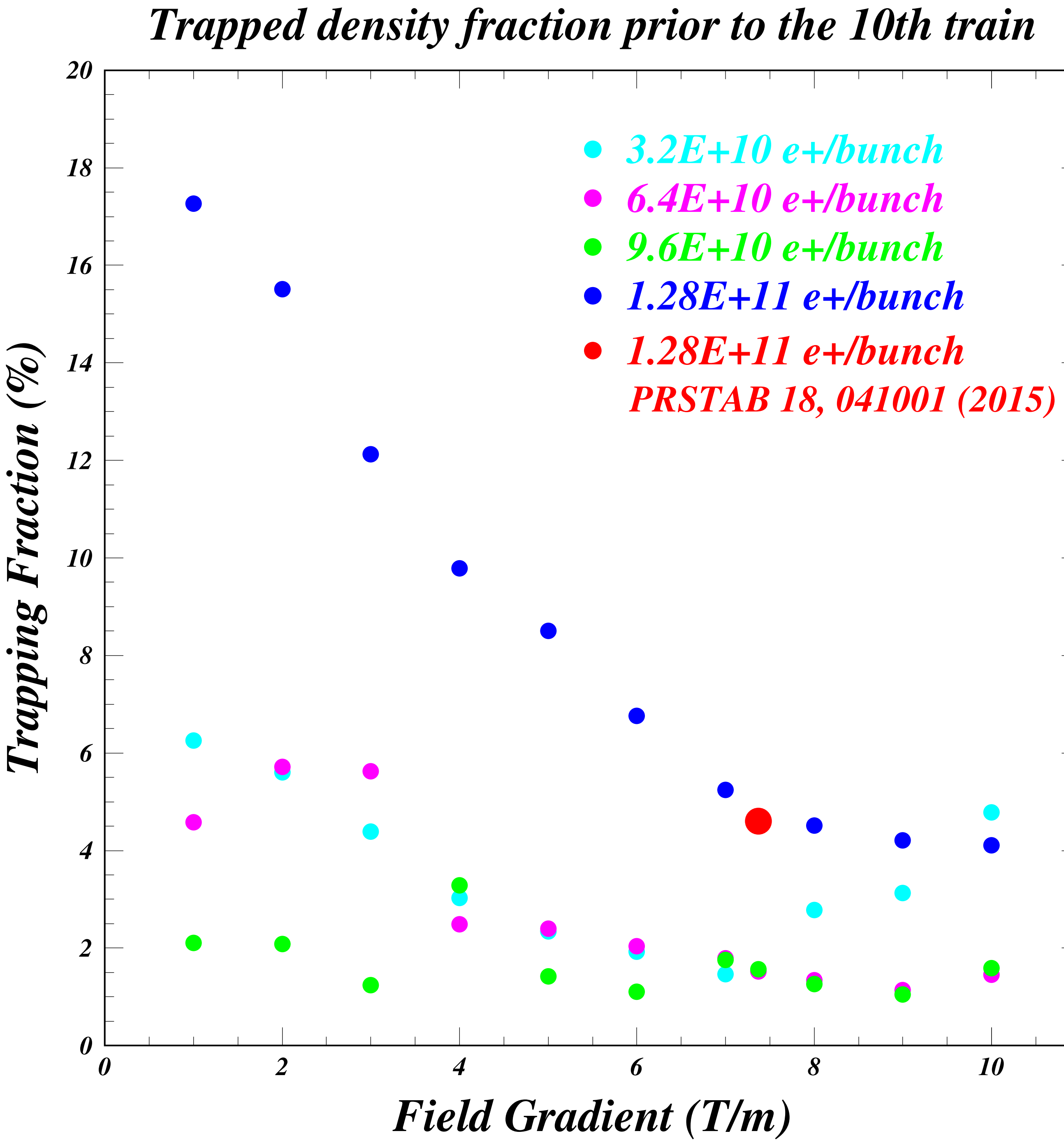


Saturated density in the 10th train
Electron Density (10^{12} m^{-3})
Field Gradient (T/m)
3.2E+10 e+/bunch
6.4E+10 e+/bunch
9.6E+10 e+/bunch
1.28E+11 e+/bunch
1.28E+11 e+/bunch
PRSTAB 18, 041001 (2015)
0
0.5
1
1.5
2
2.5
3
0
2
4
6
8
10



Trapped density prior to the 10th train
Trapped Electron Density (10^{12} m^{-3})
Field Gradient (T/m)
0
0.1
0.2
0.3
0.4
0.5
0
2
4
6
8
10
3.2E+10 e+/bunch
6.4E+10 e+/bunch
9.6E+10 e+/bunch
1.28E+11 e+/bunch
1.28E+11 e+/bunch
PRSTAB 18, 041001 (2015)



Trapped density fraction prior to the 10th train
Trapping Fraction (%)
Field Gradient (T/m)
3.2E+10 e+/bunch
6.4E+10 e+/bunch
9.6E+10 e+/bunch
1.28E+11 e+/bunch
1.28E+11 e+/bunch
PRSTAB 18, 041001 (2015)
0
2
4
6
8
10
12
14
16
18
20