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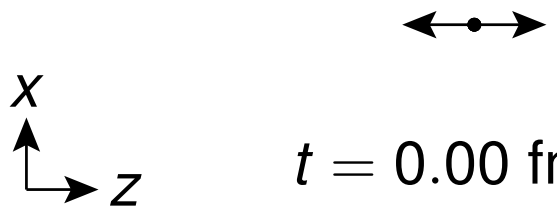

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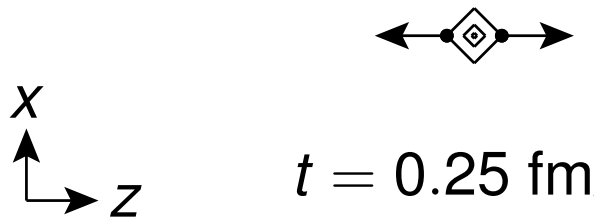


$t = 0.25$ fm/c

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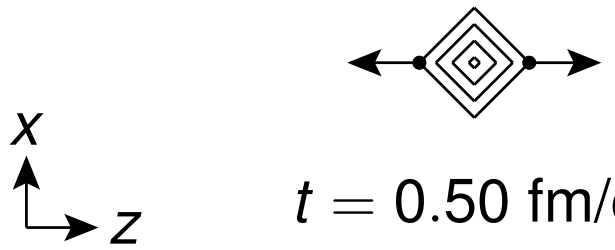

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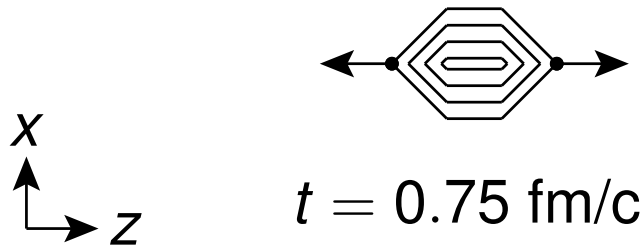
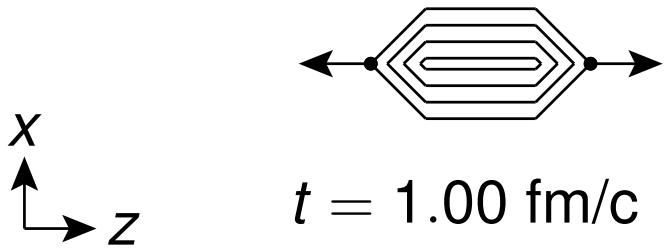


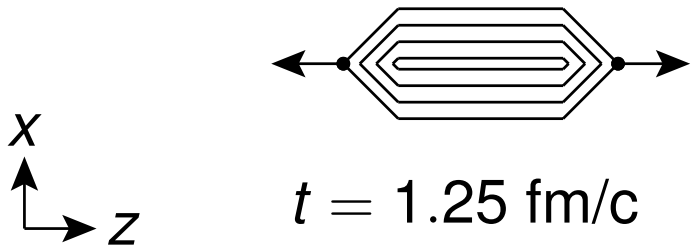



$t = 0.75$ fm/c

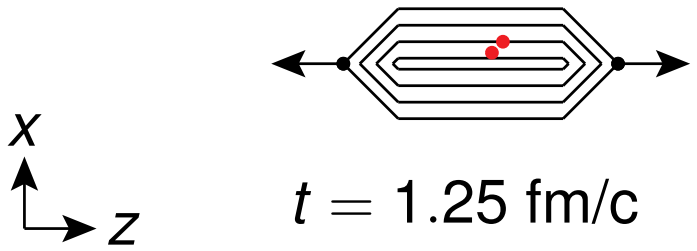
Strings are not one-dimensional. We can estimate both the tension and the radius of a QCD string on the lattice: $R = 0.25 - 1.0$ fm.

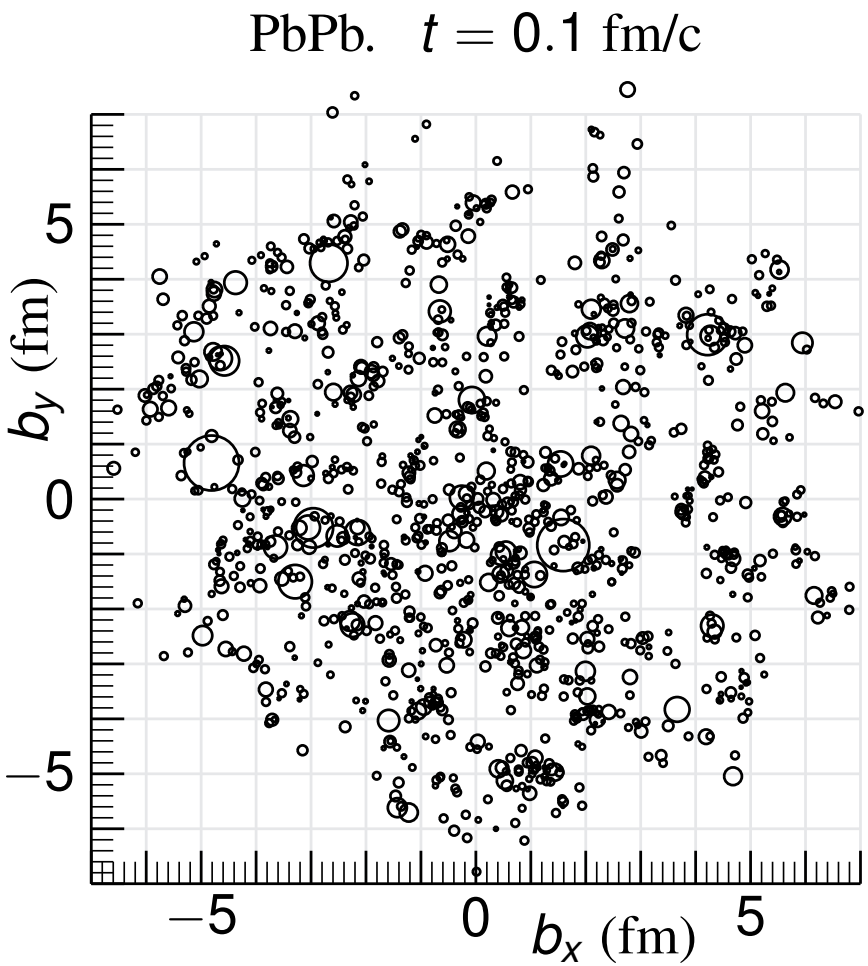


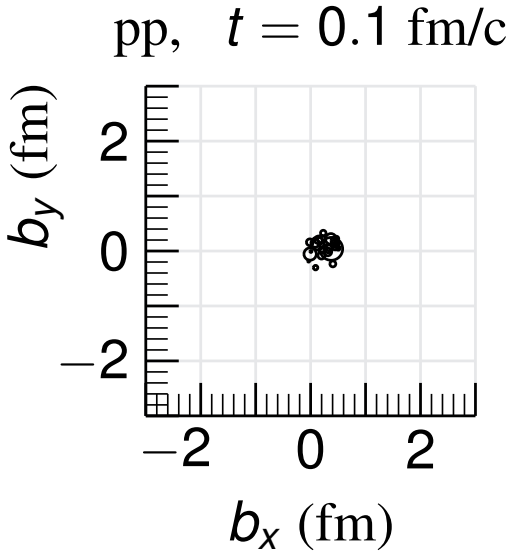
Strings are not one-dimensional. We can estimate both the tension and the radius of a QCD string on the lattice: $R = 0.25 - 1.0$ fm.

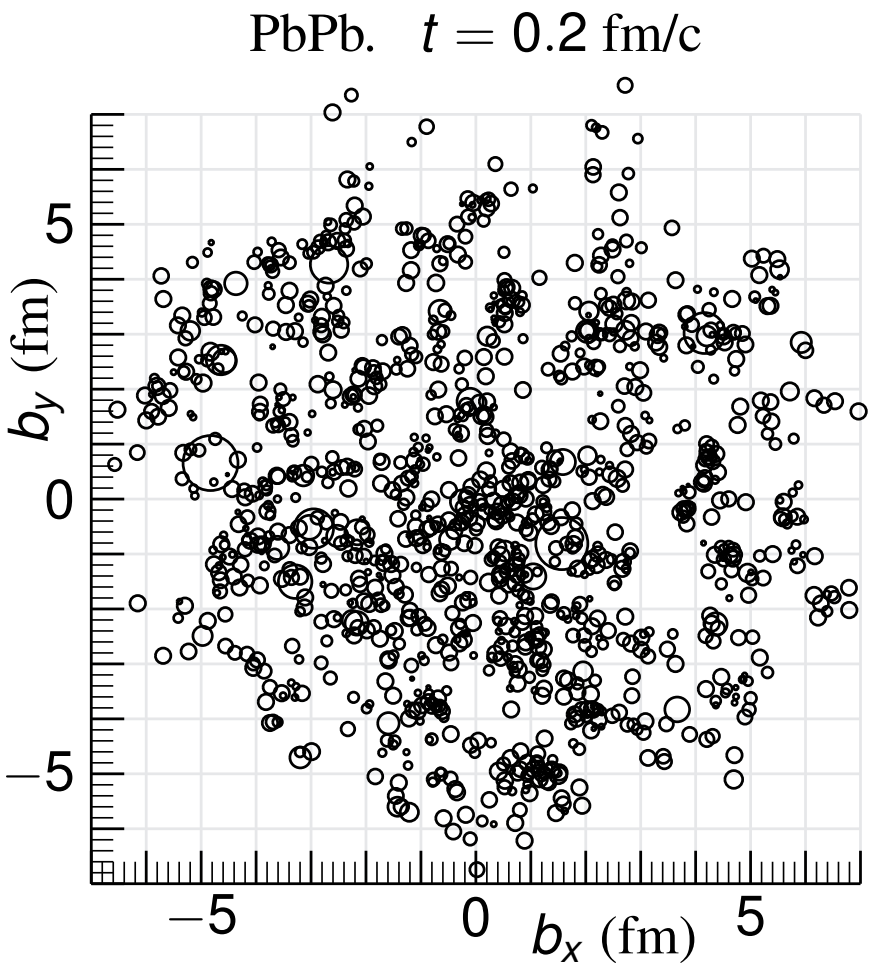


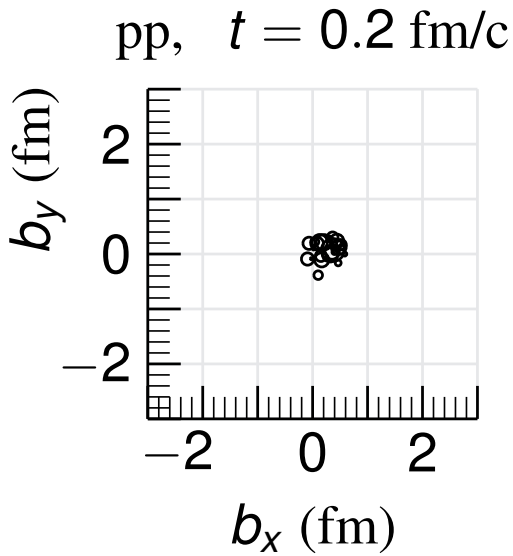
Strings are not one-dimensional. We can estimate both the tension and the radius of a QCD string on the lattice: $R = 0.25 - 1.0$ fm.

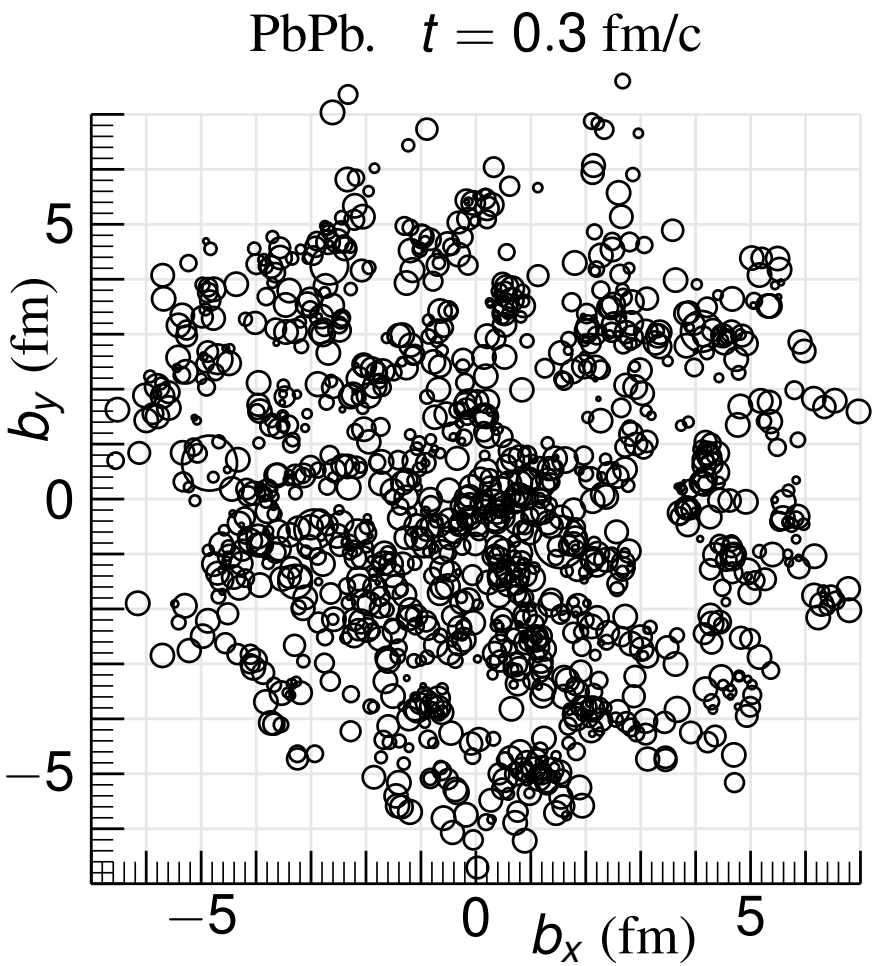


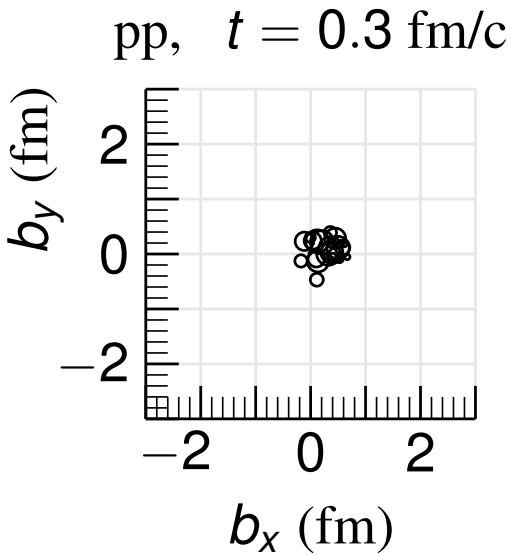

PbPb. $t = 0.1$ fm/c
$b_y$ (fm)
5
0
−5
−5
0
5
$b_x$ (fm)

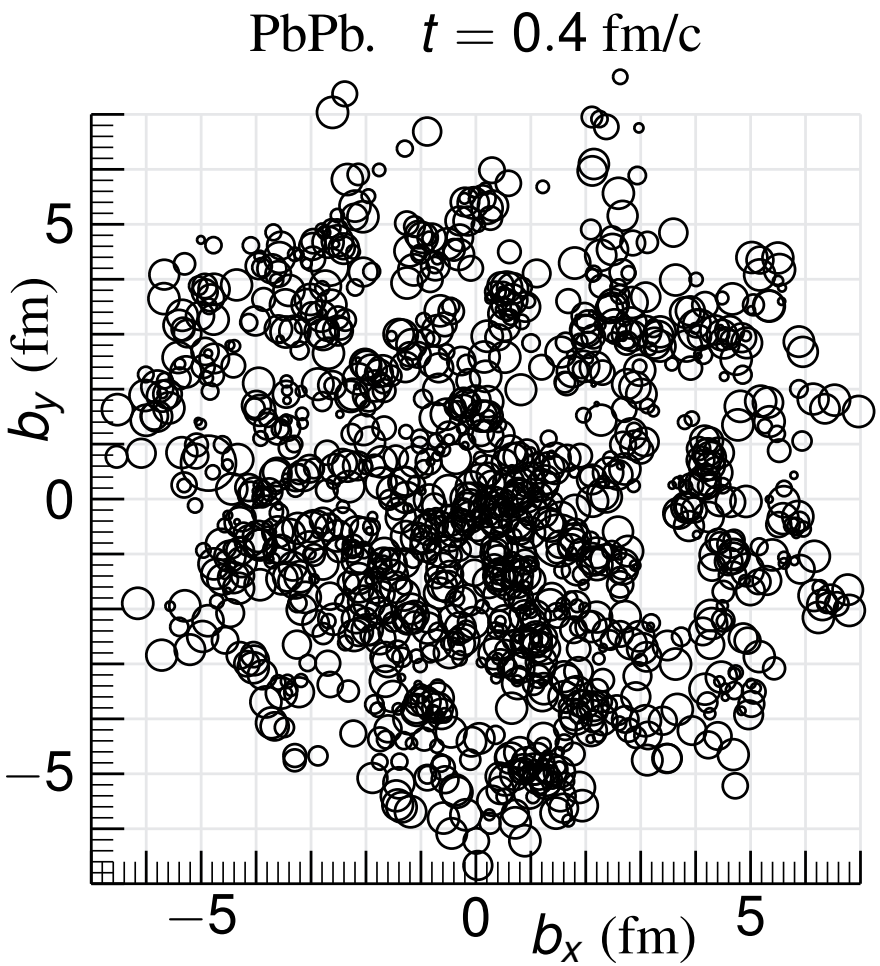

pp, $t = 0.1$ fm/c
$b_y$ (fm)
2
0
−2
−2
0
2
$b_x$ (fm)

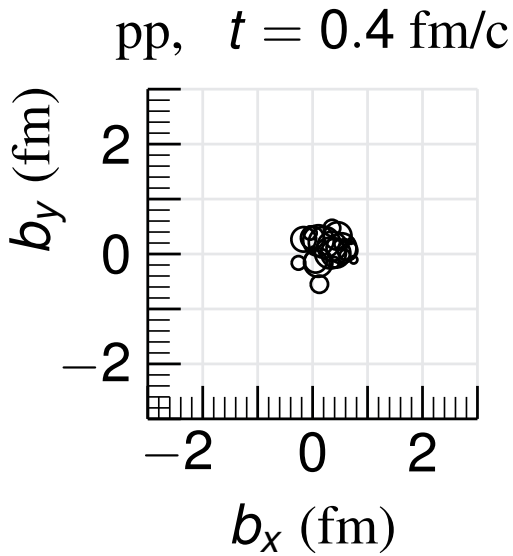

PbPb. $t = 0.2$ fm/c
$b_y$ (fm)
5
0
−5
−5
0
5
$b_x$ (fm)

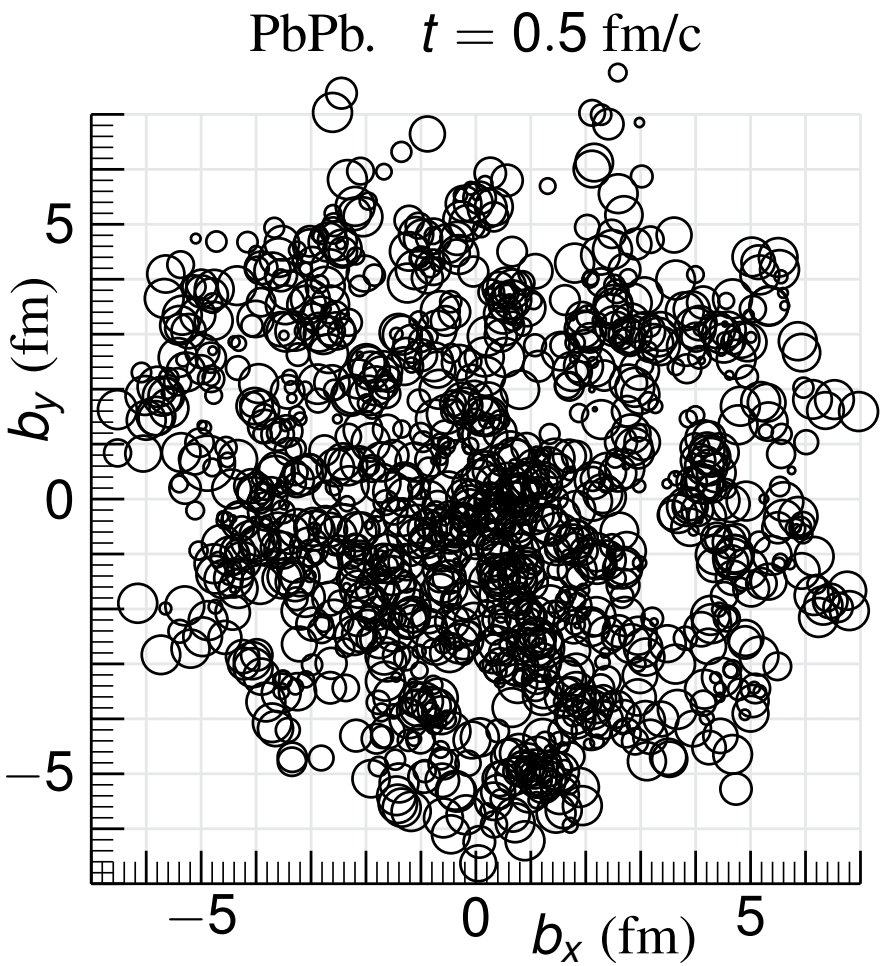

pp, $t = 0.2$ fm/c
$b_y$ (fm)
2
0
−2
−2
0
2
$b_x$ (fm)

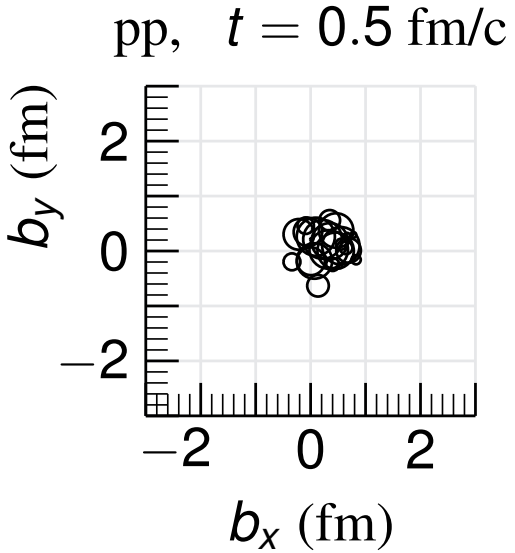

PbPb. $t = 0.3$ fm/c
$b_y$ (fm)
5
0
−5
−5
0
5
$b_x$ (fm)

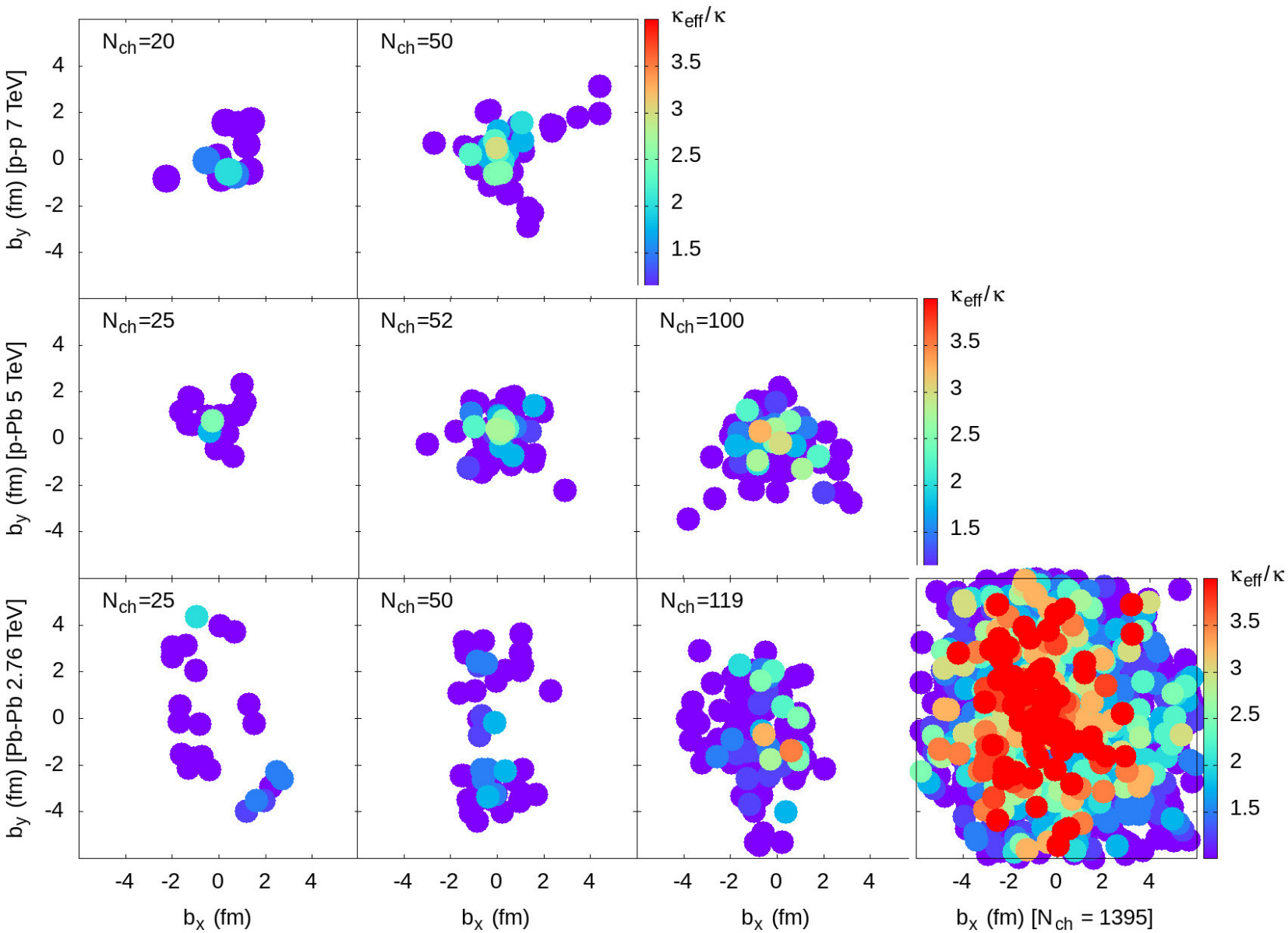

pp, $t = 0.3$ fm/c
$b_y$ (fm)
2
0
−2
−2
0
2
$b_x$ (fm)

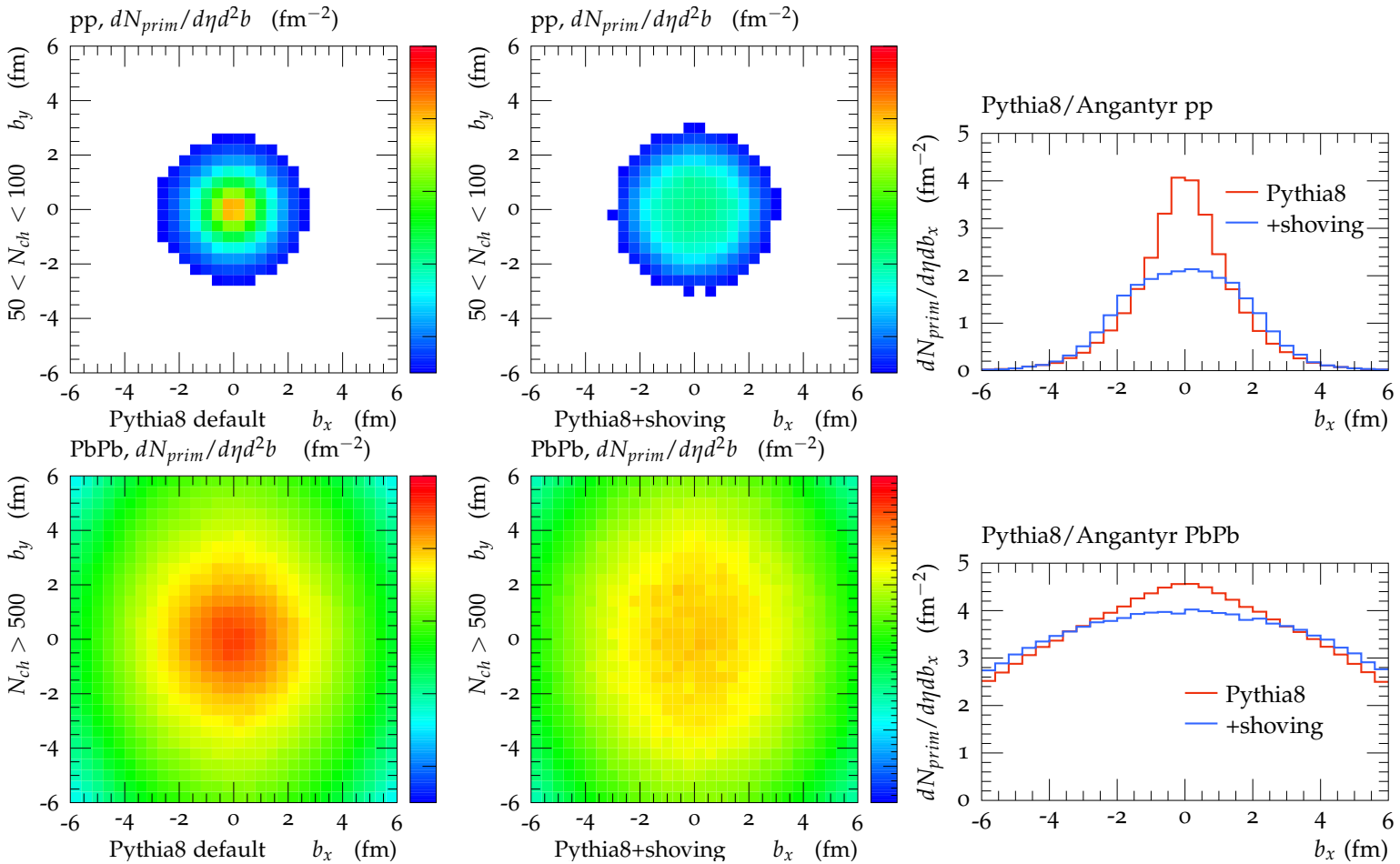

PbPb. $t = 0.4$ fm/c
$b_y$ (fm)
5
0
−5
−5
0
5
$b_x$ (fm)


pp, $t = 0.4$ fm/c
$b_y$ (fm)
2
0
−2
−2
0
2
$b_x$ (fm)


PbPb. $t = 0.5$ fm/c
5
0
−5
$b_y$ (fm)
−5
0
5
$b_x$ (fm)


pp, $t = 0.5$ fm/c
2
0
−2
$b_y$ (fm)
−2
0
2
$b_x$ (fm)


N_ch=20
N_ch=50
N_ch=25
N_ch=52
N_ch=100
N_ch=25
N_ch=50
N_ch=119
κ_eff/κ
3.5
3
2.5
2
1.5
b_y (fm) [p-p 7 TeV]
b_y (fm) [p-Pb 5 TeV]
b_y (fm) [Pb-Pb 2.76 TeV]
b_x (fm)
b_x (fm) [N_ch = 1395]
-4
-2
0
2
4


pp, $dN_{prim}/d\eta d^2b$ (fm$^{-2}$)
$50 < N_{ch} < 100$
$b_y$ (fm)
Pythia8 default $b_x$ (fm)
pp, $dN_{prim}/d\eta d^2b$ (fm$^{-2}$)
Pythia8+shoving $b_x$ (fm)
Pythia8/Angantyr pp
$dN_{prim}/d\eta db_x$ (fm$^{-2}$)
Pythia8
+shoving
$b_x$ (fm)
PbPb, $dN_{prim}/d\eta d^2b$ (fm$^{-2}$)
$N_{ch} > 500$
Pythia8 default $b_x$ (fm)
PbPb, $dN_{prim}/d\eta d^2b$ (fm$^{-2}$)
Pythia8+shoving $b_x$ (fm)
Pythia8/Angantyr PbPb
Pythia8
+shoving