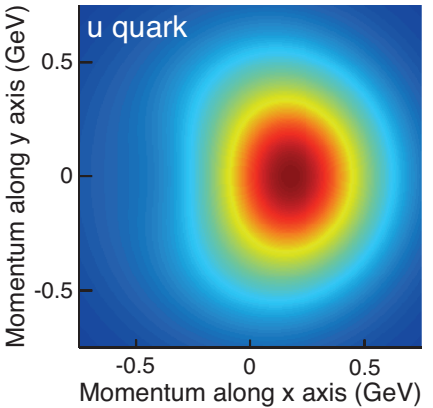
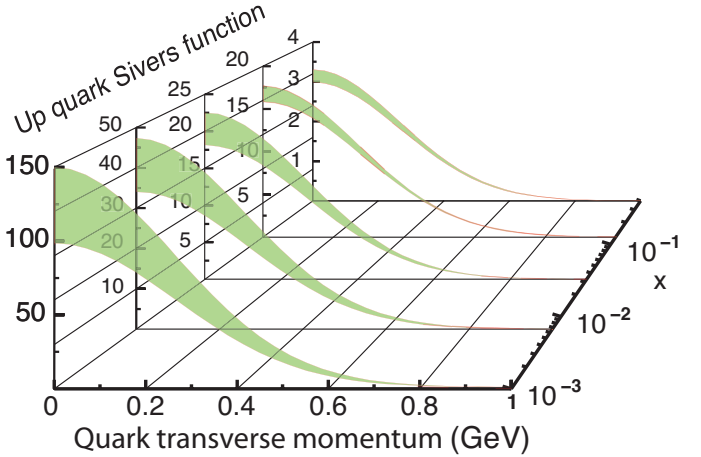

u quark
Momentum along y axis (GeV)
0.5
0
-0.5
-0.5
0
0.5
Momentum along x axis (GeV)


Up quark Sivers function
150
100
50
50
40
30
20
10
25
20
15
10
5
20
15
10
5
4
3
2
1
0
0.2
0.4
0.6
0.8
1
Quark transverse momentum (GeV)
10^{-1}
10^{-2}
10^{-3}
x