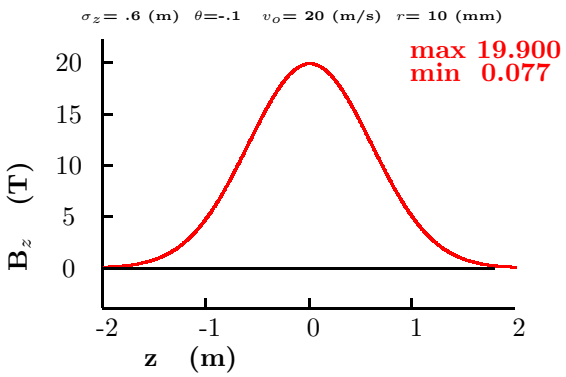
a)


σ_z= .6 (m) θ=-.1 v_O= 20 (m/s) r= 10 (mm)
max 19.900
min 0.077
20
15
10
5
0
B_z (T)
-2
-1
0
1
2
z (m)