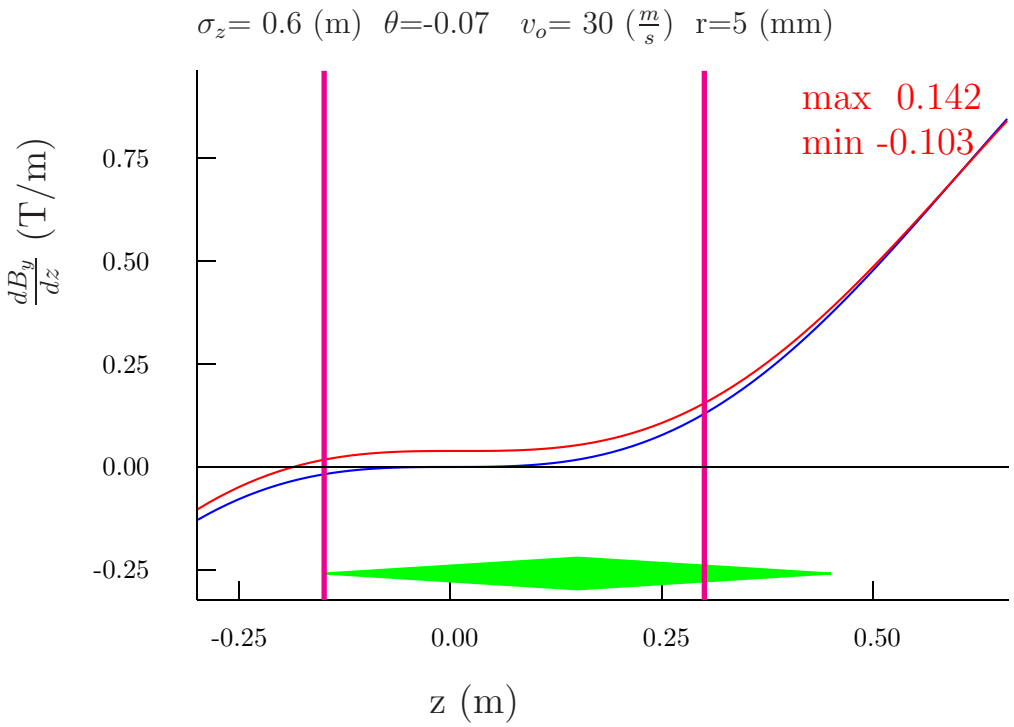
c)


σ_z= 0.6 (m) θ=-0.07 v_o= 30 ($\frac{m}{s}$) r=5 (mm)
max 0.142
min -0.103
$\frac{dB_y}{dz}$ (T/m)
0.75
0.50
0.25
0.00
-0.25
-0.25
0.00
0.25
0.50
z (m)