Analytic results, '['0.01', '0.068039', '0.035947', '3.0E+8']', top hat fields

Legend:
- 0 offset, initial 0 angle
- x offset, initial x angle
- y offset, initial x angle
- x offset, initial y angle
- y offset, initial y angle

x-axis: z [m]
y-axis: offset [mm]