Analytic results, '['0.09', '0.16233', '0.167', '6.5E+8']', top hat fields 0.8 0.6 0 offset, initial 0 angle offset [mm] x offset, initial x angle y offset, initial x angle x offset, initial y angle y offset, initial y angle 0.2 0.0 2.5 3.0 0.0 0.5 1.0 1.5 2.0 3.5 4.0

z [m]