Analytic results, '['0.05', '0.243955', '0.235176', '8.0E+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

Axis labels: offset [mm] (vertical), z [m] (horizontal)