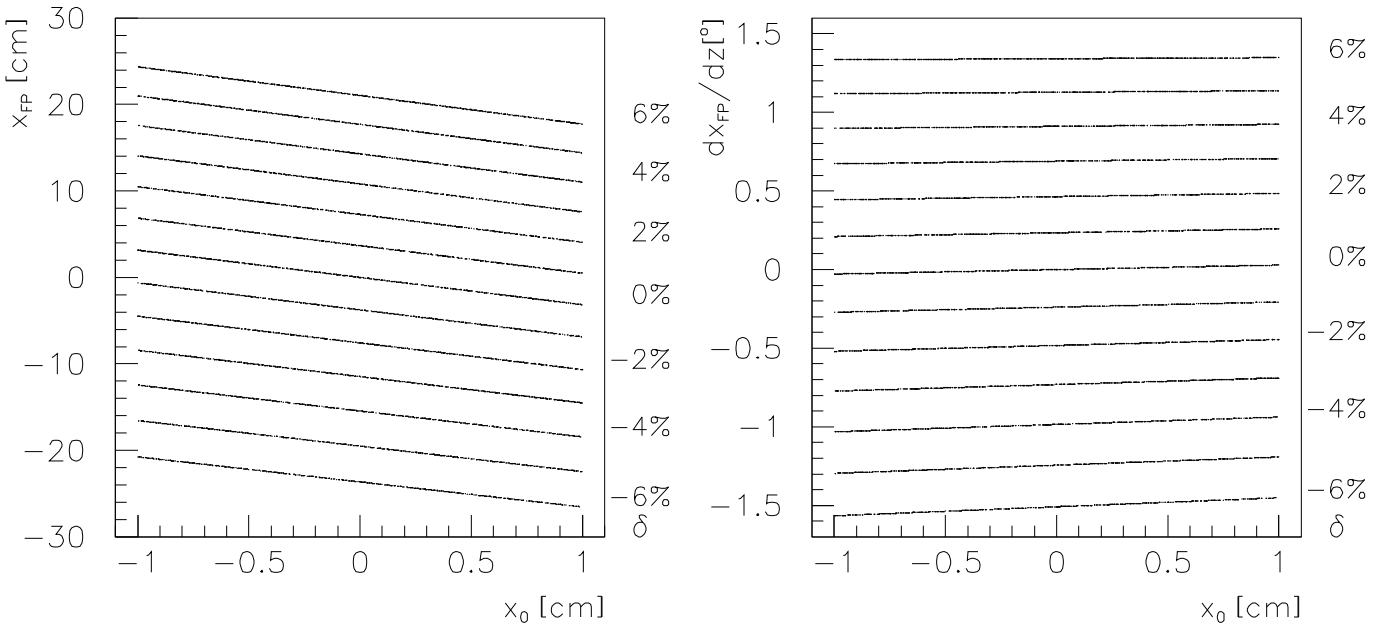Influence of the Vertical Beam Offset on the Focal Plane Coordinates