hAngles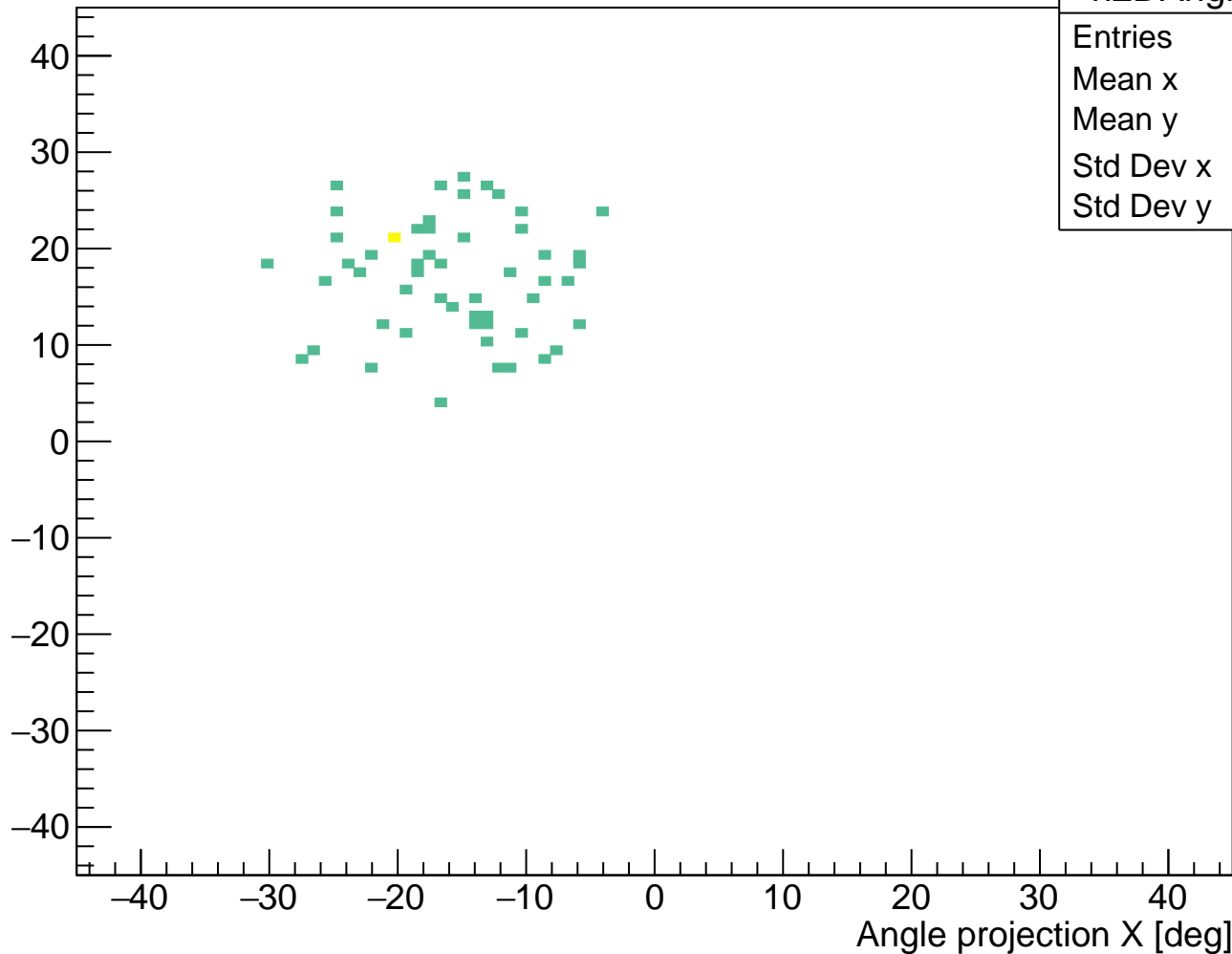_3