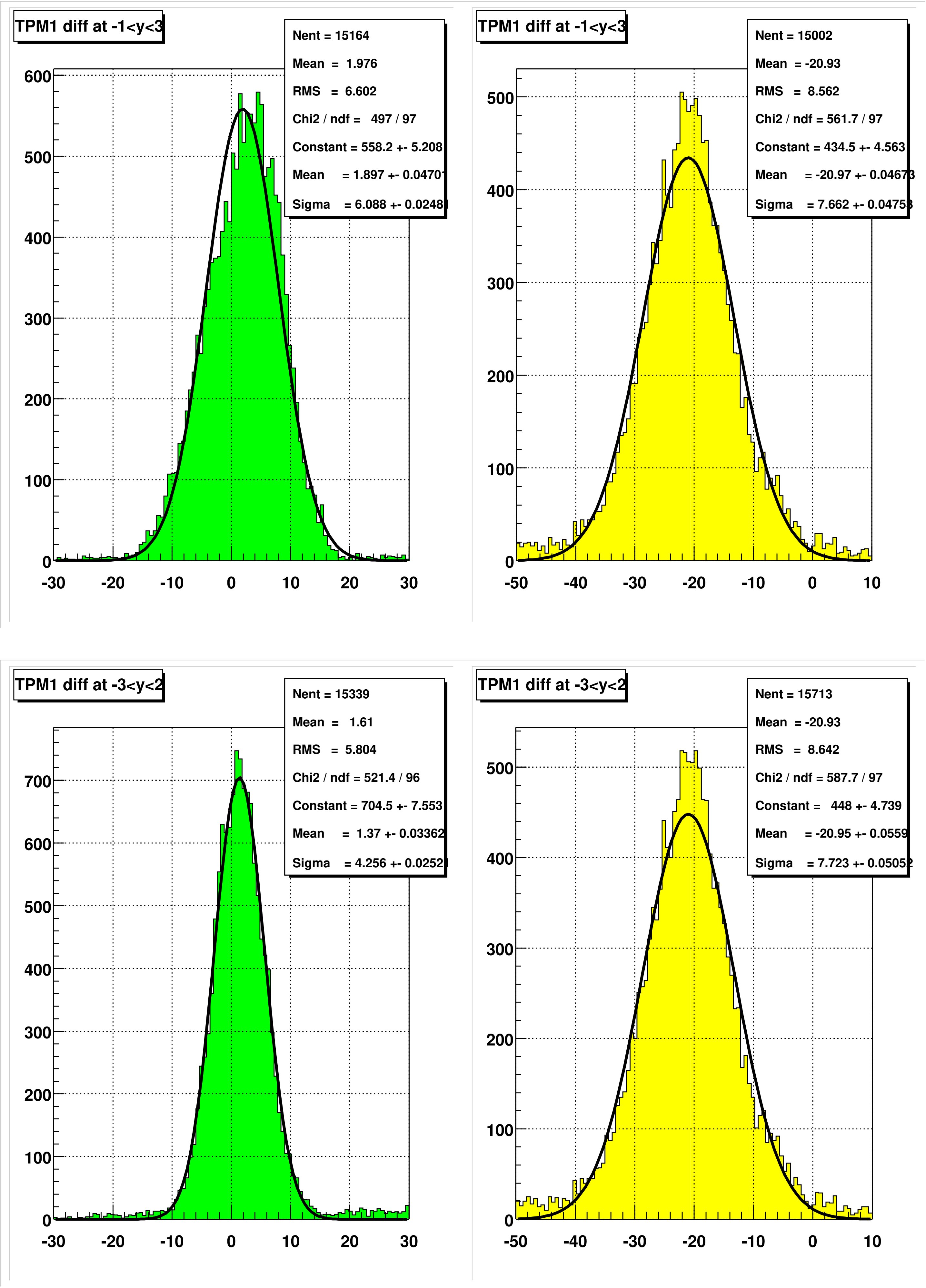

Fig.1: Beam Beam and ZDC timing differences

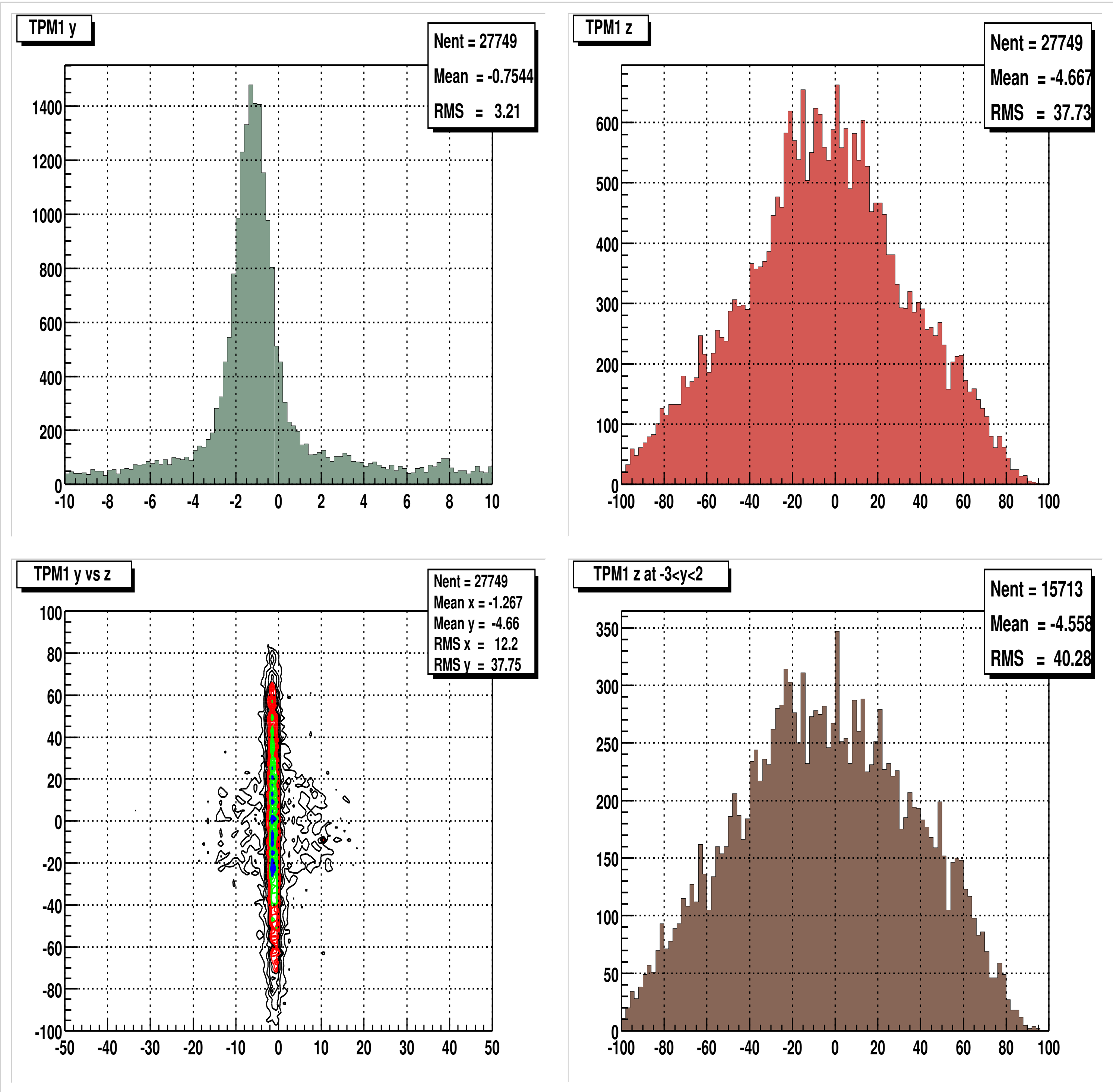

Fig.2: Track projections from TPM1 towards IP. Frame one is calculated Y-offset (1.2cm centroid for peak). The right hand shows the Z-projections for (top) all tracks and (b) tracks with near y $\sim$ 0. The left lower is the 2D correlation.

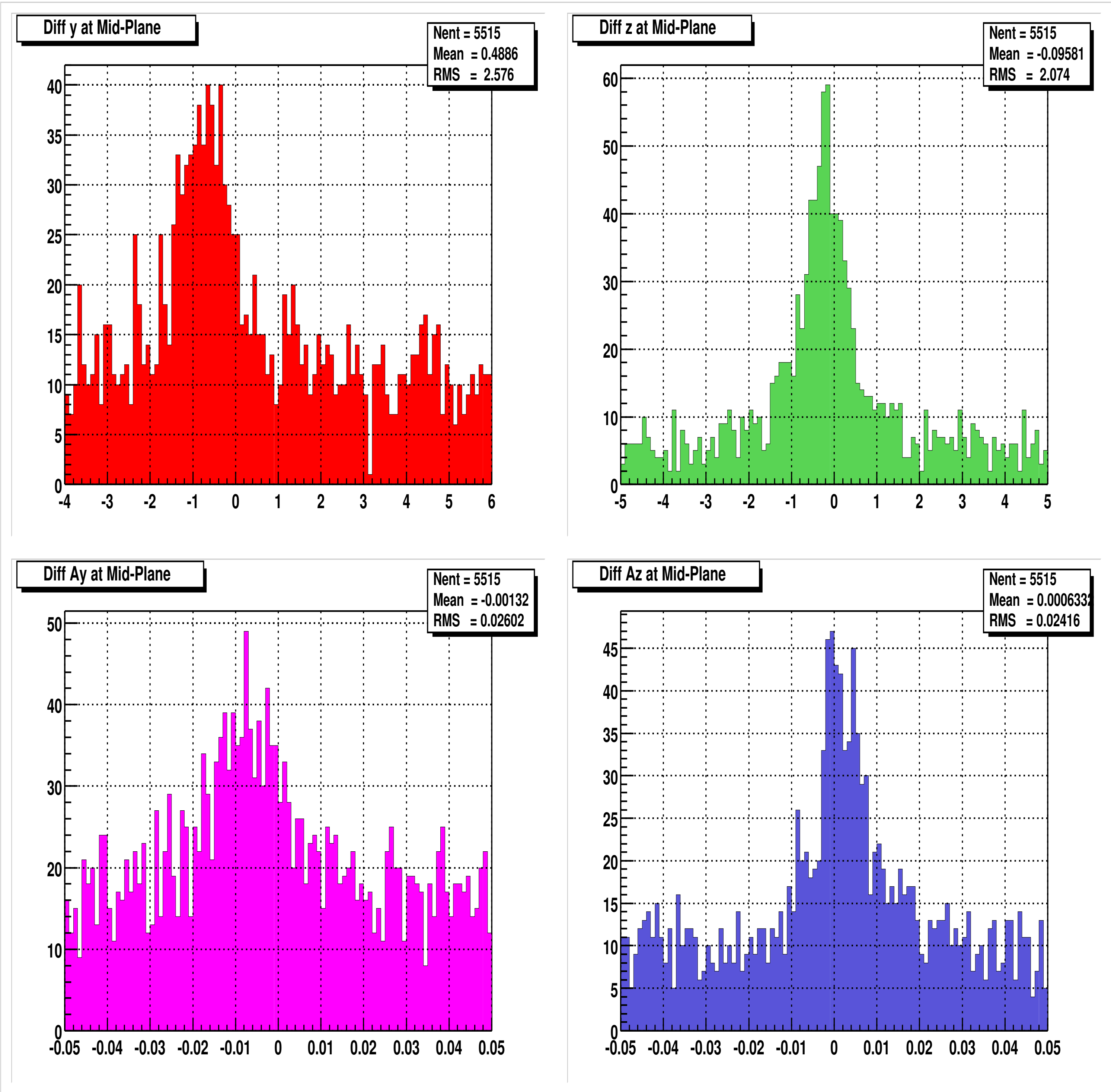

Fig.3: Matching plot.

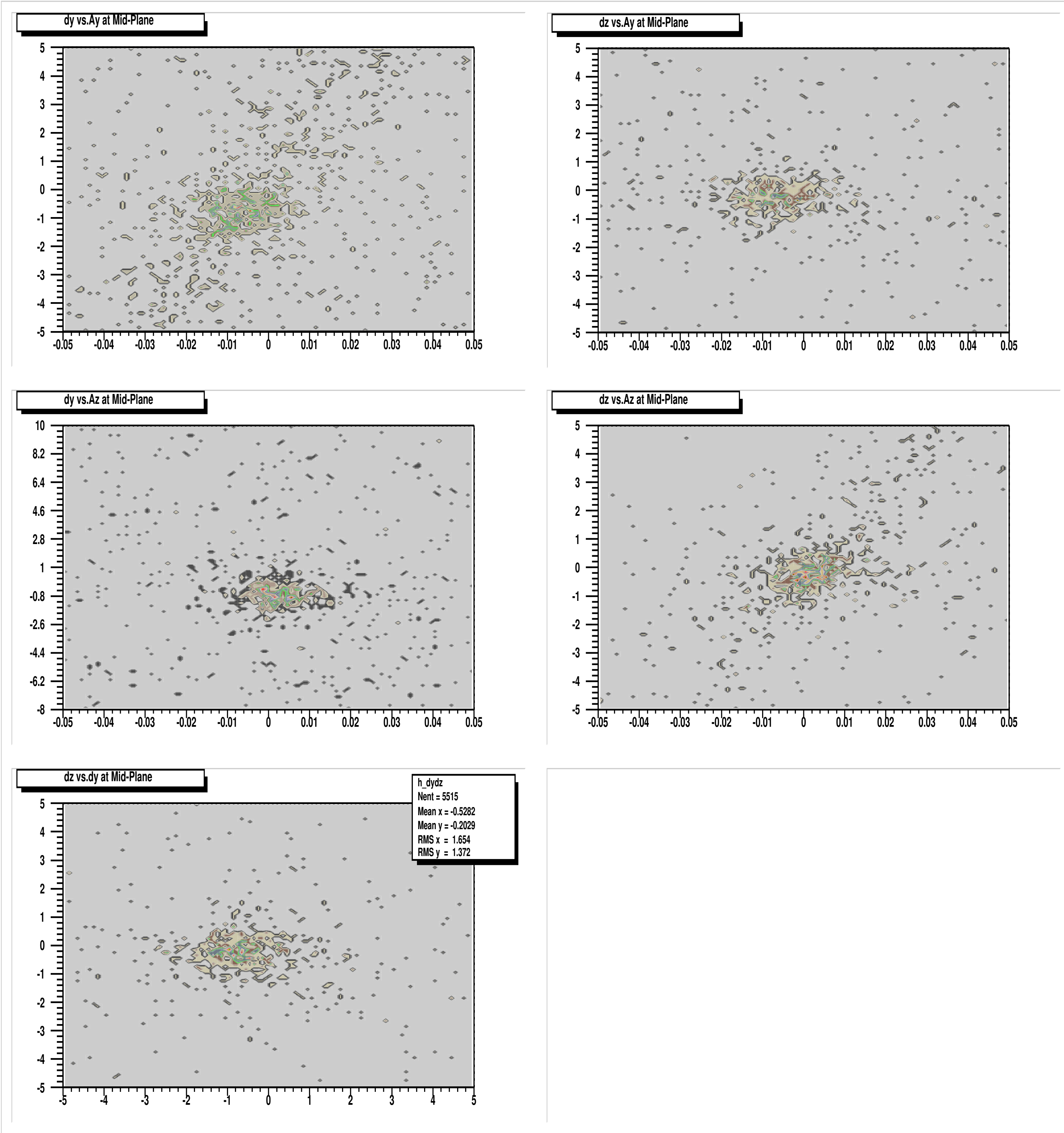

Fig.4: 2D matching correlations.

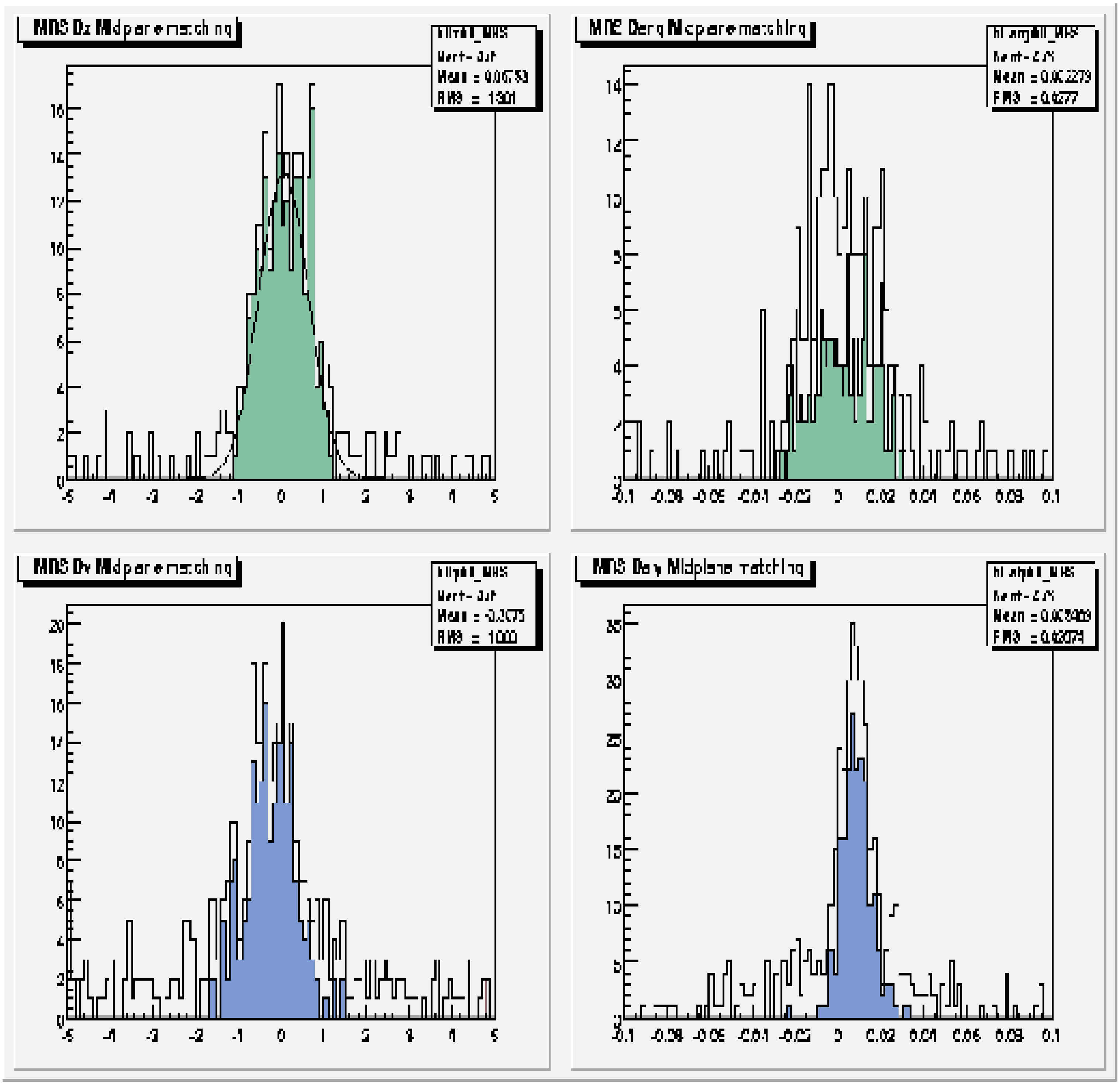

Fig5: Matching plots in horizontal plane X (top) and vertical Y (Bottom). The track matching of course only applies to Dang,Dy and Daly. The Dx is for illustration only. The color filled histograms are for tracks accepted by all 3 cuts.

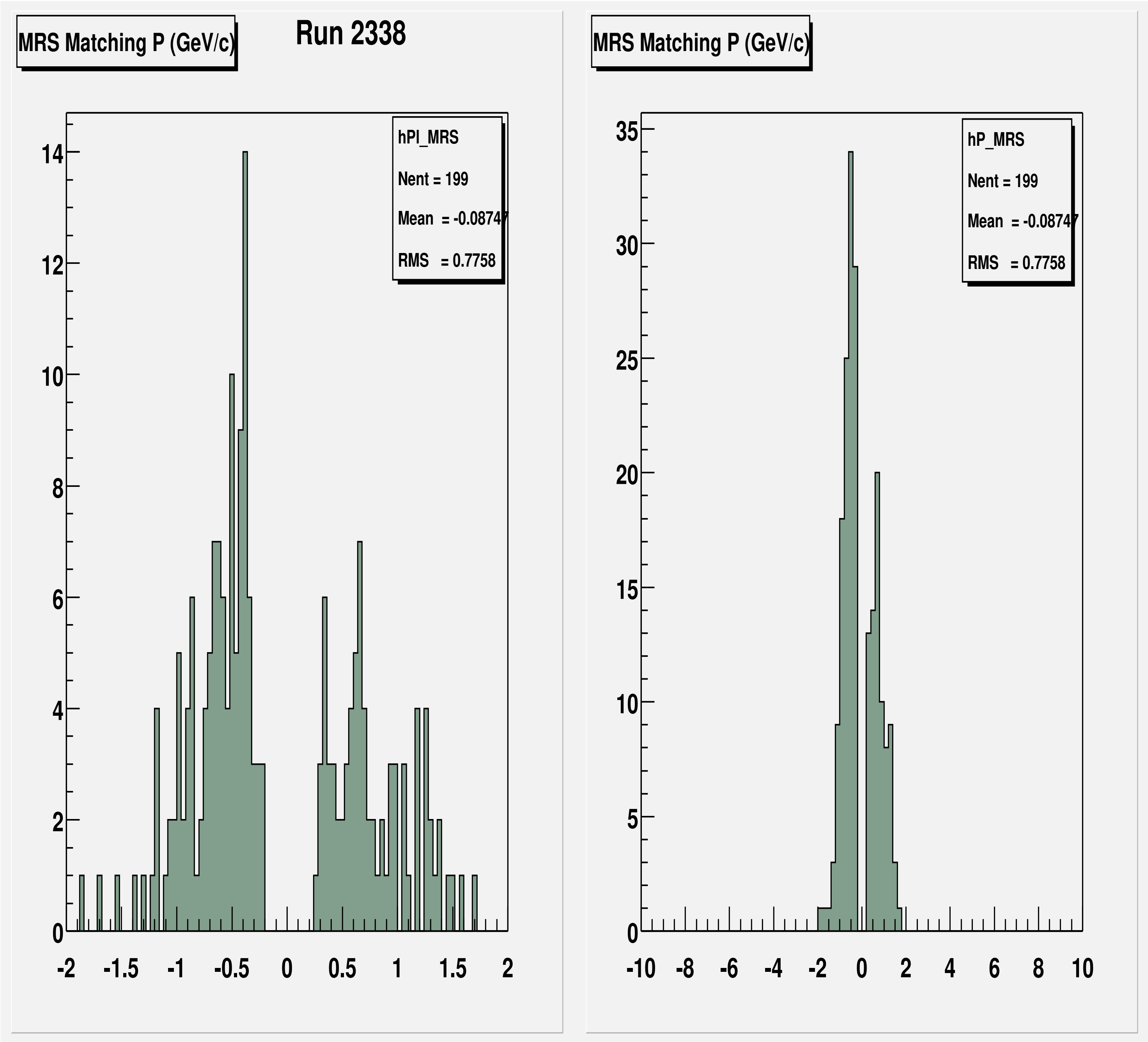

Fig.6: Calculated momentum spectra in GeV/c from matched tracks. The two plots are identical except for histogram range.