



The 3 upper panels show the histograms for unIDed Galactic ($|b| < 10$ deg). Panels **a** and **b** show the histograms of semimajor uncertainty ellipse for 3FGL and 4FGL sources. Panel **c** shows the distribution of offsets between the unIDed 3FGL and 4FGL sources whose positions are $< 10'$ from each other. The three bottom panels show the significance of the 3FGL LAT source (having a match in 4FGL within $r < 10'$; panel **d**) and the size of the uncertainty ellipse (in 3FGL and 4FGL, panels **e** and **f**) as a function of separation between the 3FGL source and its best match in 4FGL. One can see that the offset between the 3FGL and 4FGL source does not depend noticeably on the 3FGL source significance and that the correlation between the source uncertainty ellipse size and the separation improves if the 4FGL positional uncertainty is used (i.e. localized 4FGL sources tend to be closer to their 3FGL predecessors).