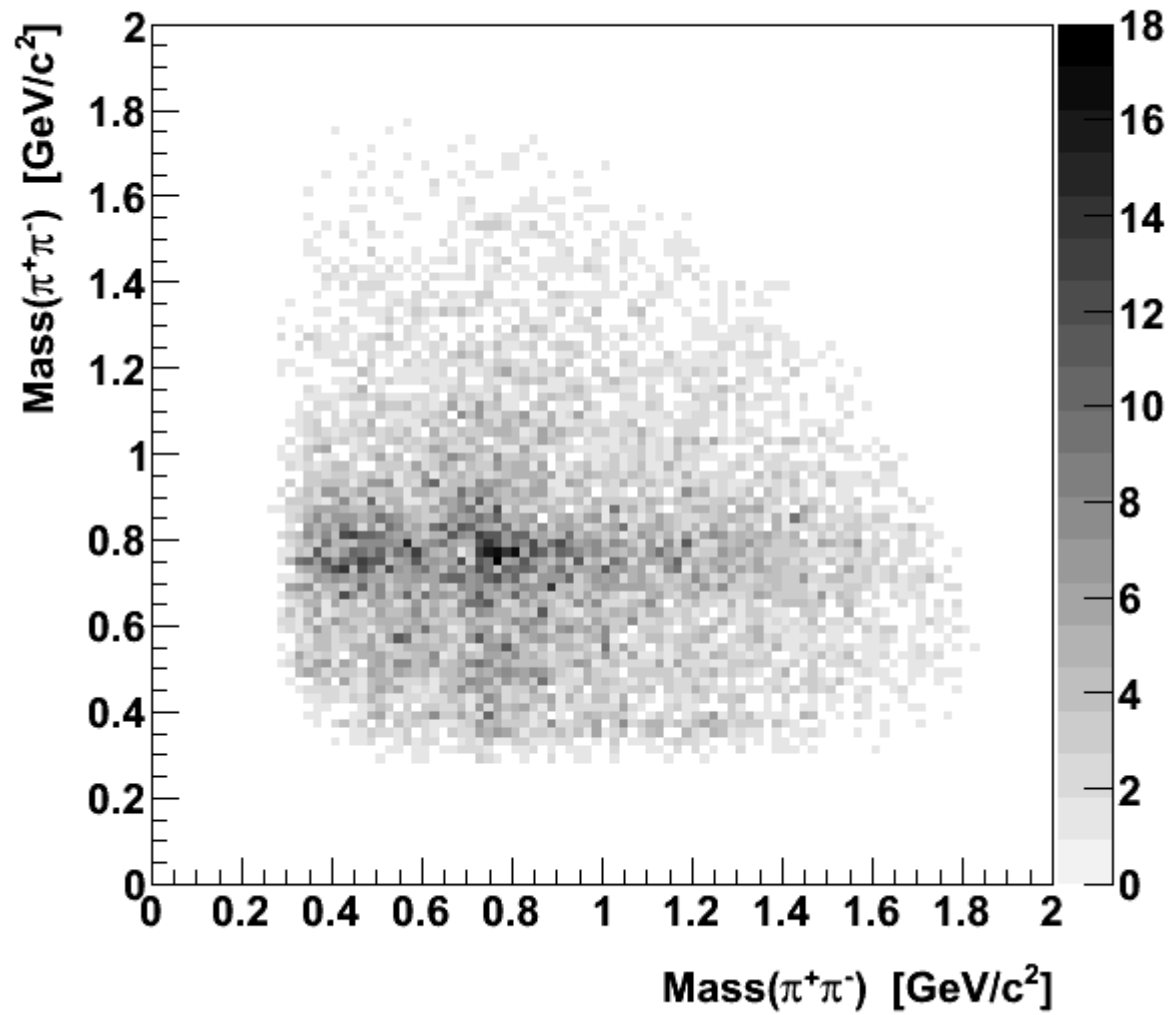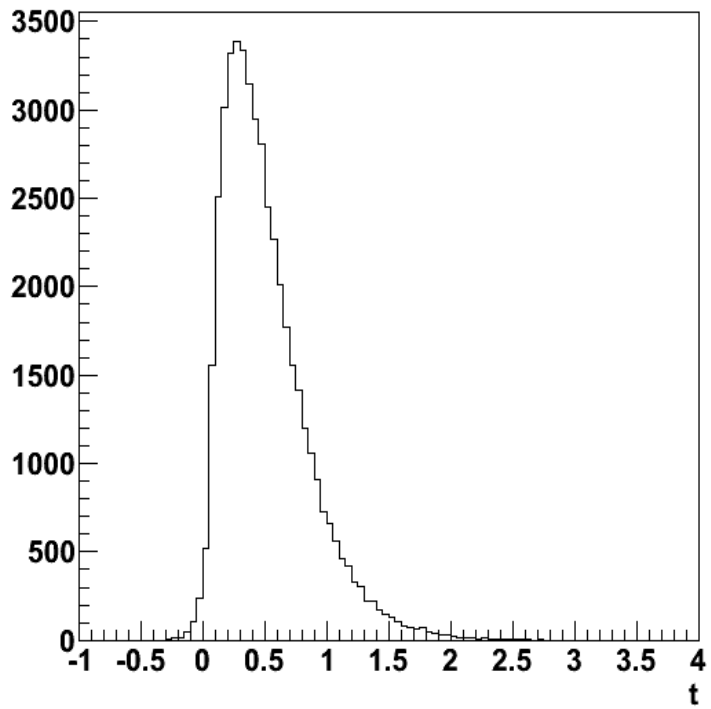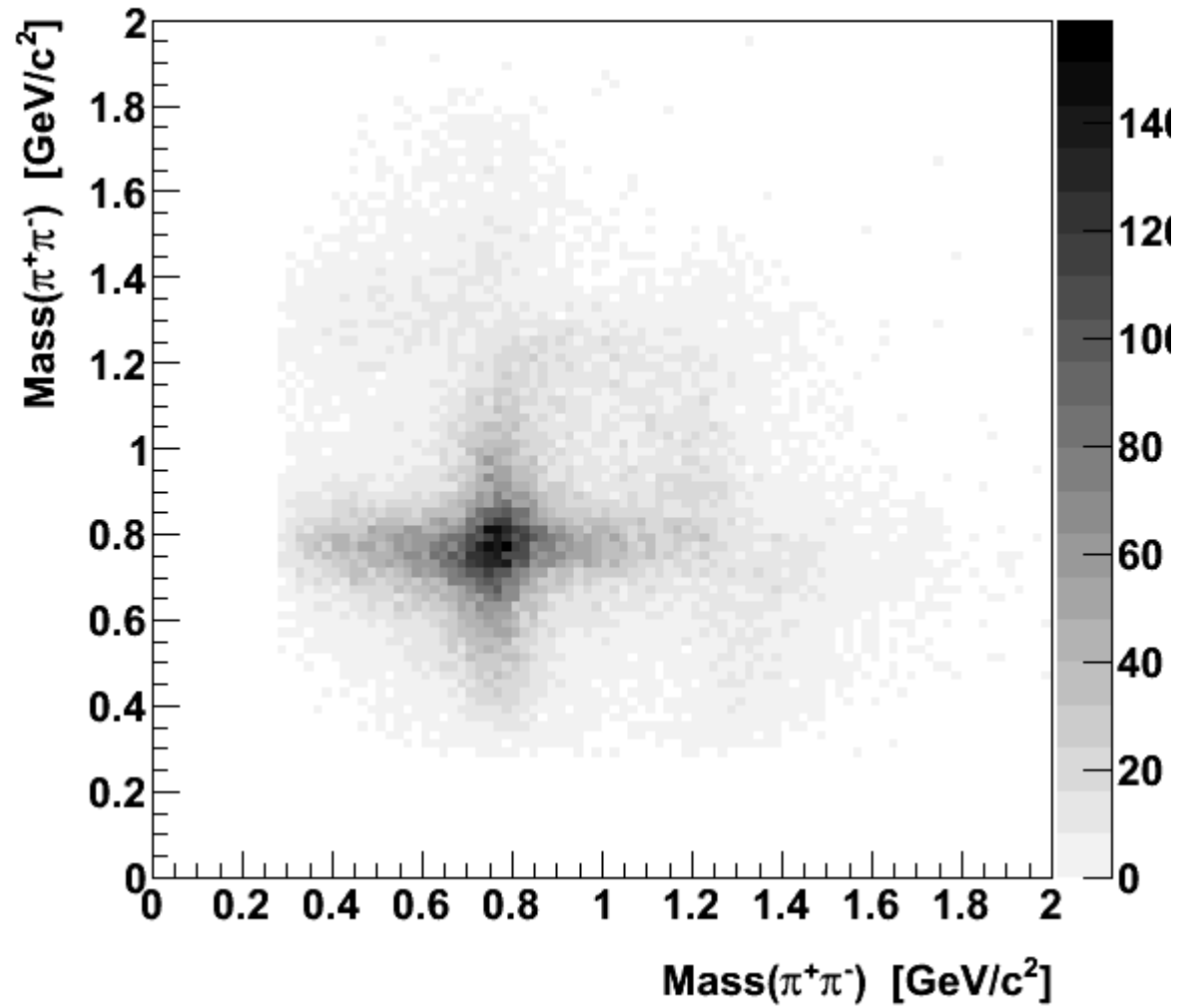Background from bggen

gen_3pi reconstructed t distribution

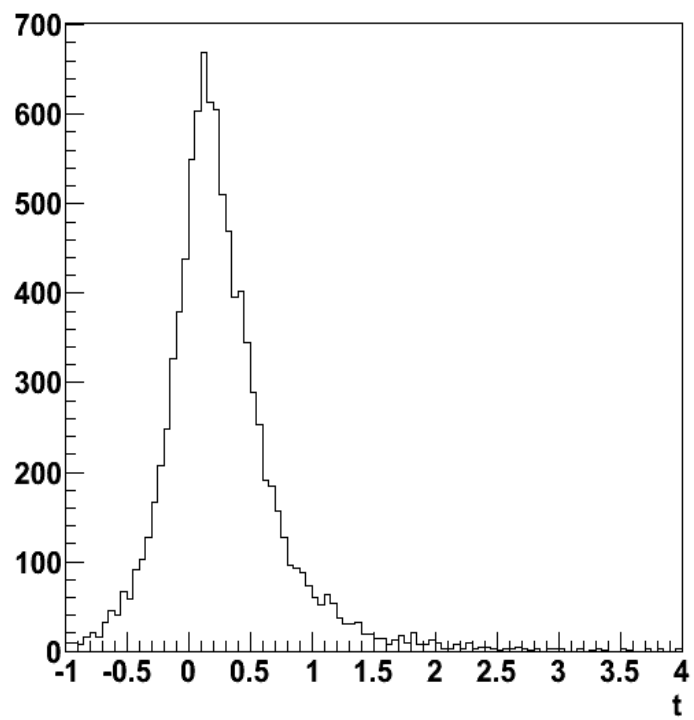Signal with amplitudes

ρp reconstructed t distribution
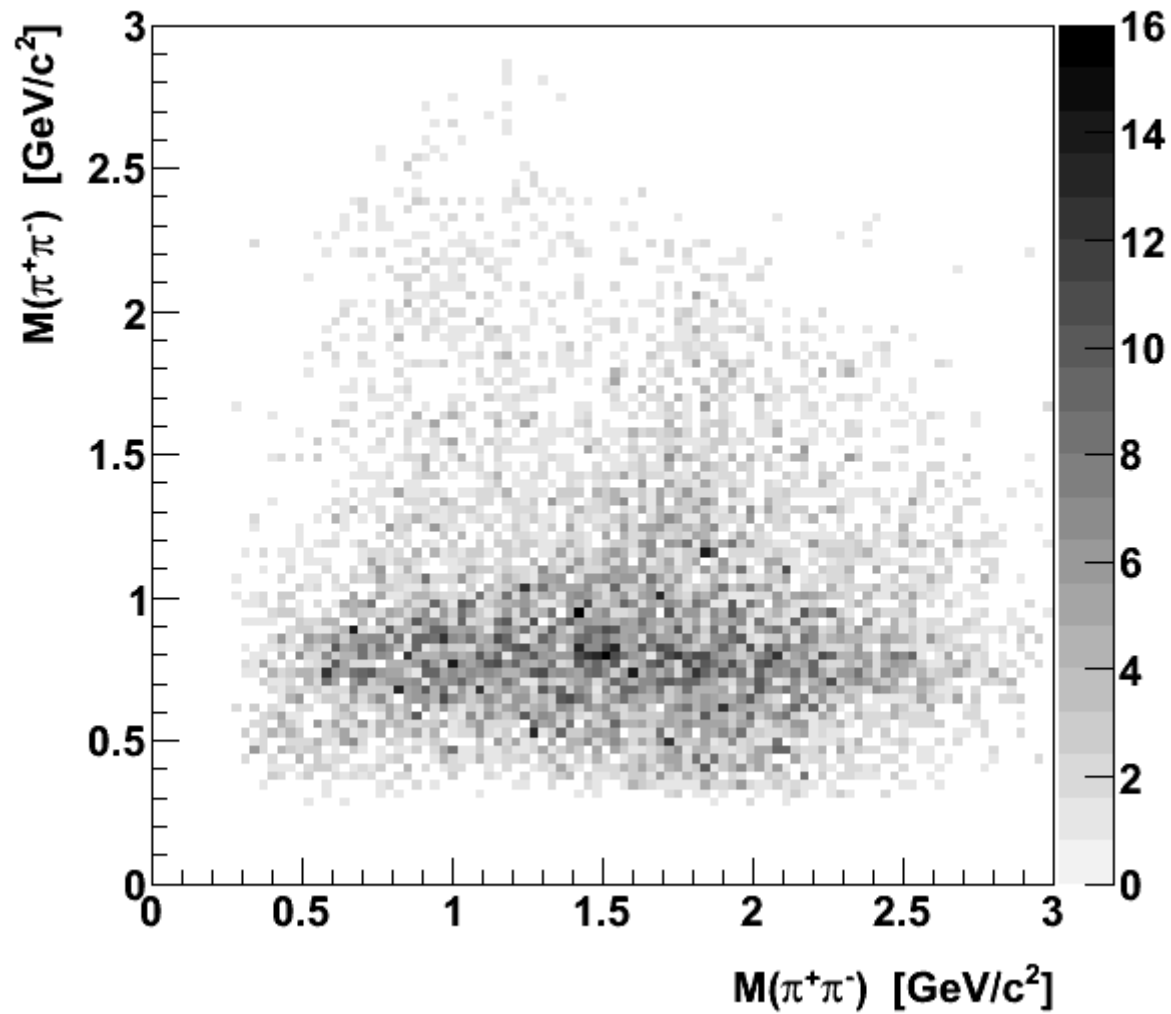
ρp Background
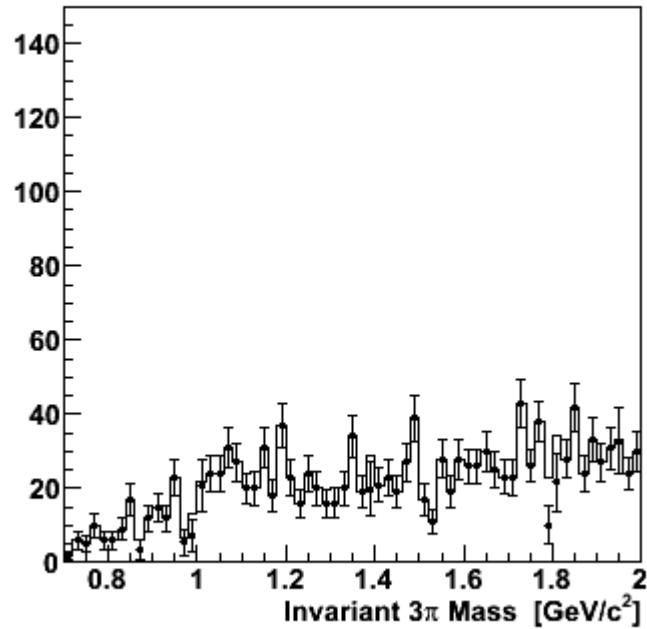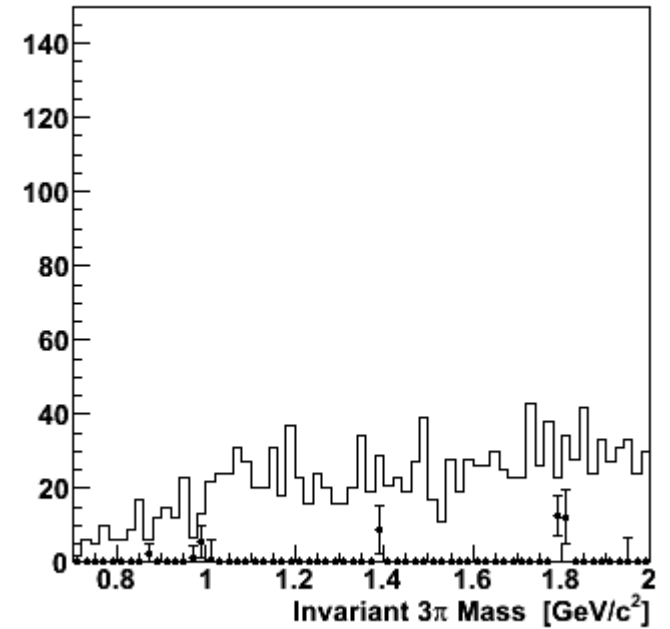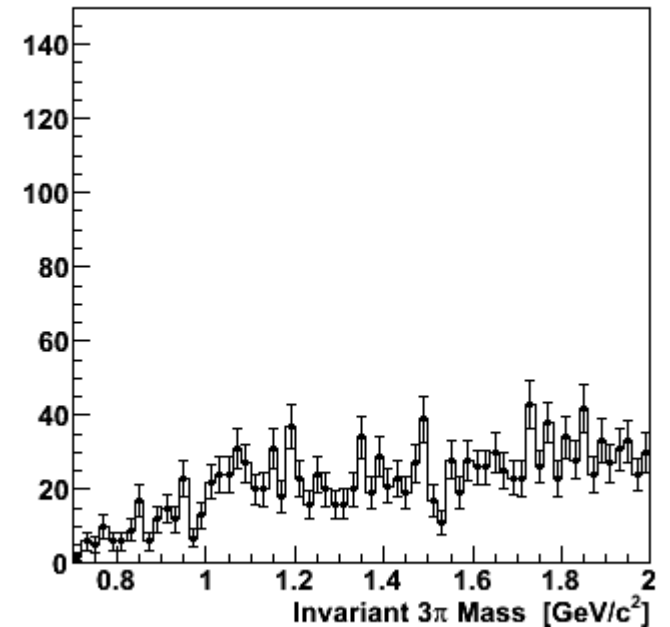
I fit the pi+pi-p background that passes my cuts to a rho pi S wave and a flat background. Instead of being absorbed by the background, almost all of it is in the 1+ amplitude

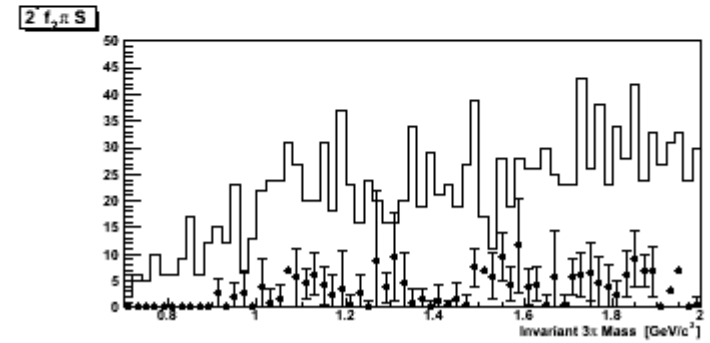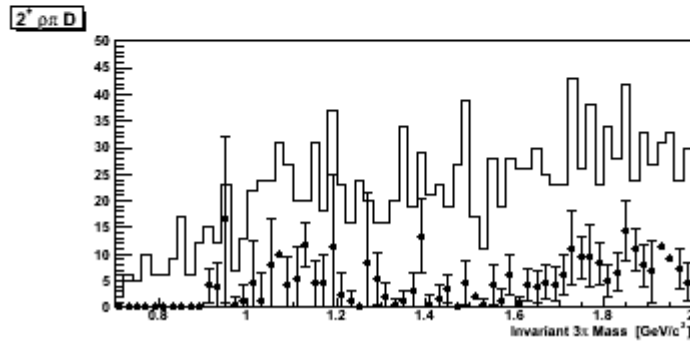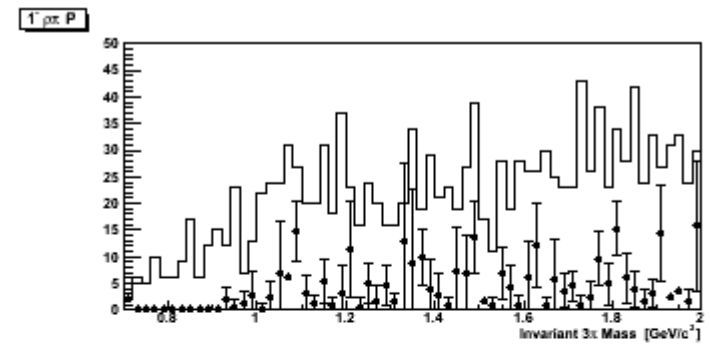The data points show the fit, the histogram is the data. These plots are not acceptance corrected.

When I include more waves, the background is not isolated to a particular wave (like the rho pi S wave), nor is it absorbed by the flat wave.

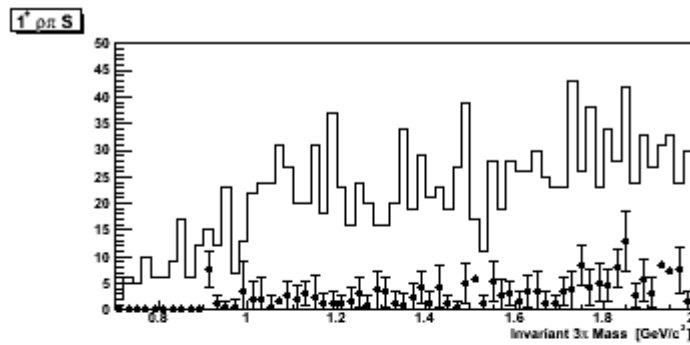The data points show the fit, the histogram is the data. These plots are not acceptance corrected.