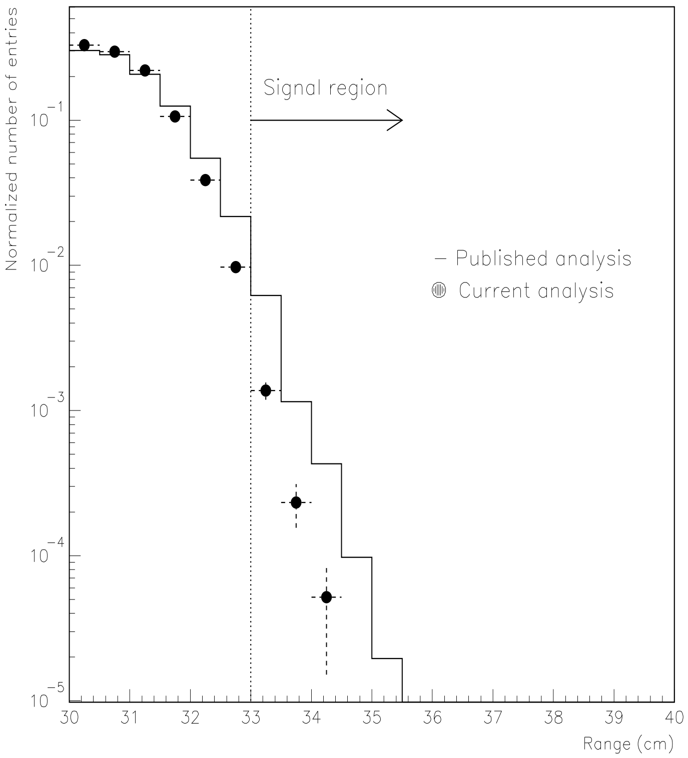
Progress in kinematic analysis of $K\pi 2$

π^+ kinematic quantities range, kinetic energy, & momentum are used to reject $K\pi 2$ background events.



Reconstruction improvements have led to a significant increase in rejection.

Further rejection can be achieved without much loss of acceptance, particularly in the case of the range cut