

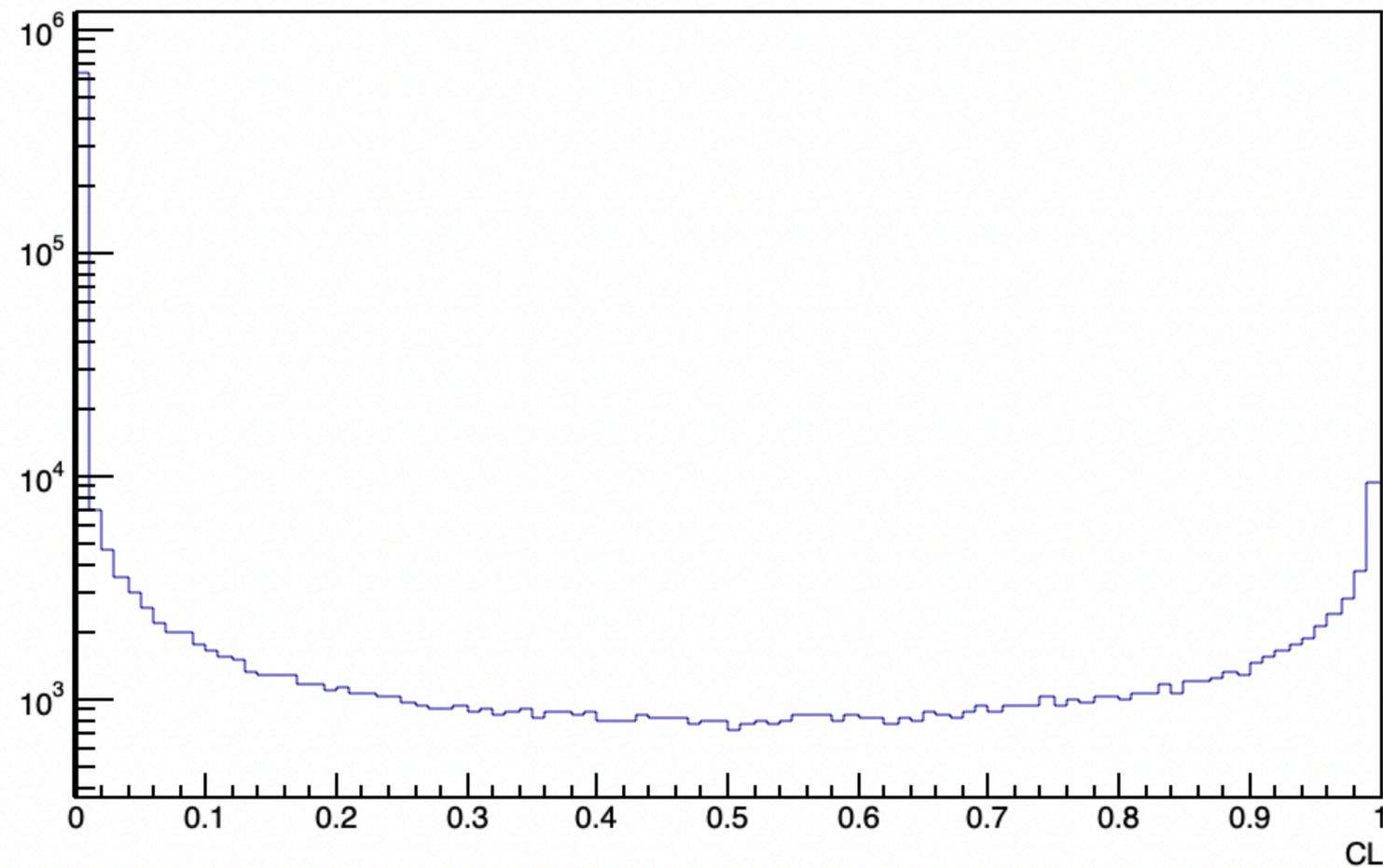
CL Distributions not flat

$$\gamma p \rightarrow \omega p$$

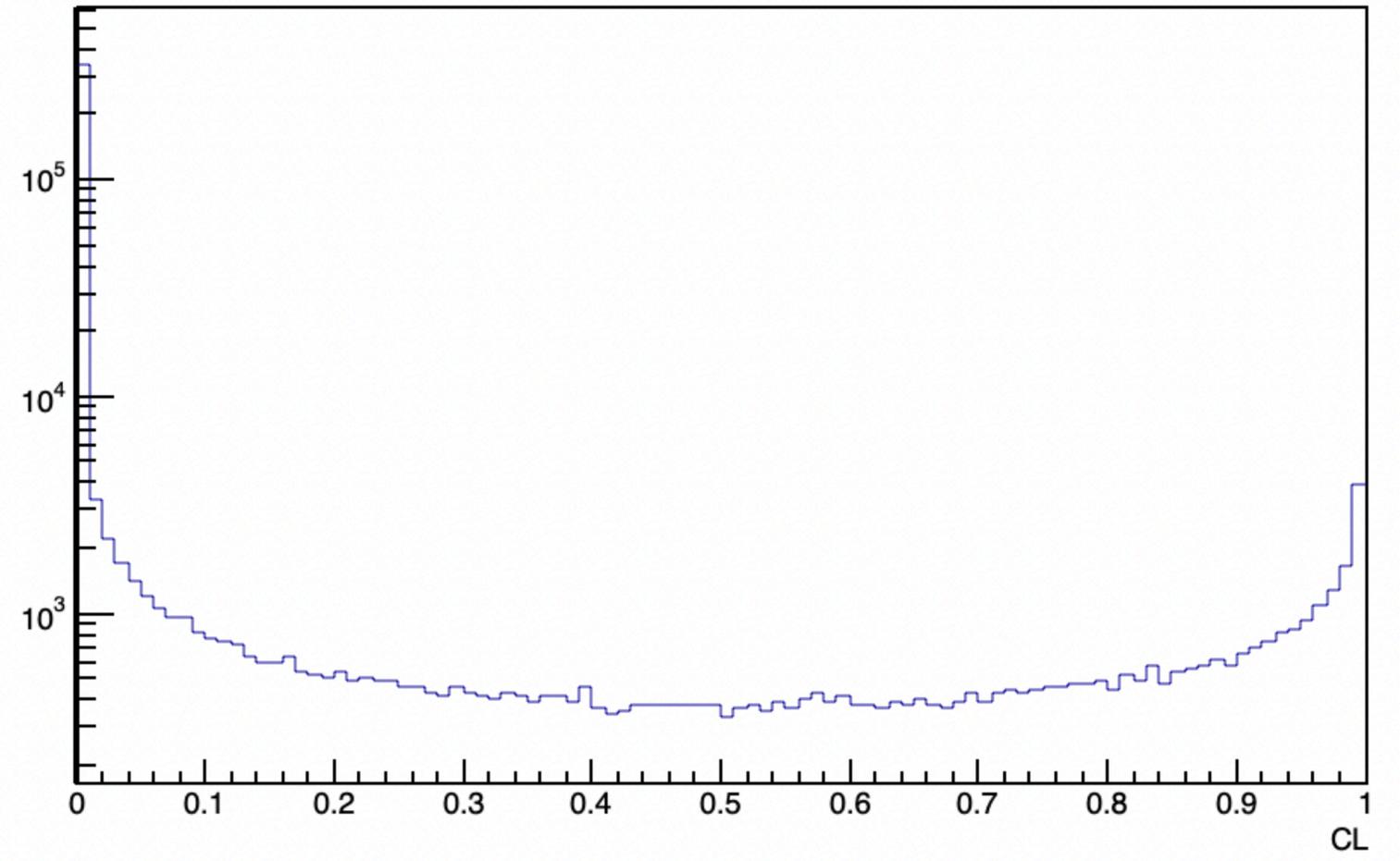
Vertex Constraint and $m_{\gamma\gamma} = m_{\pi^0}$

Look at MC

Including each fit per event

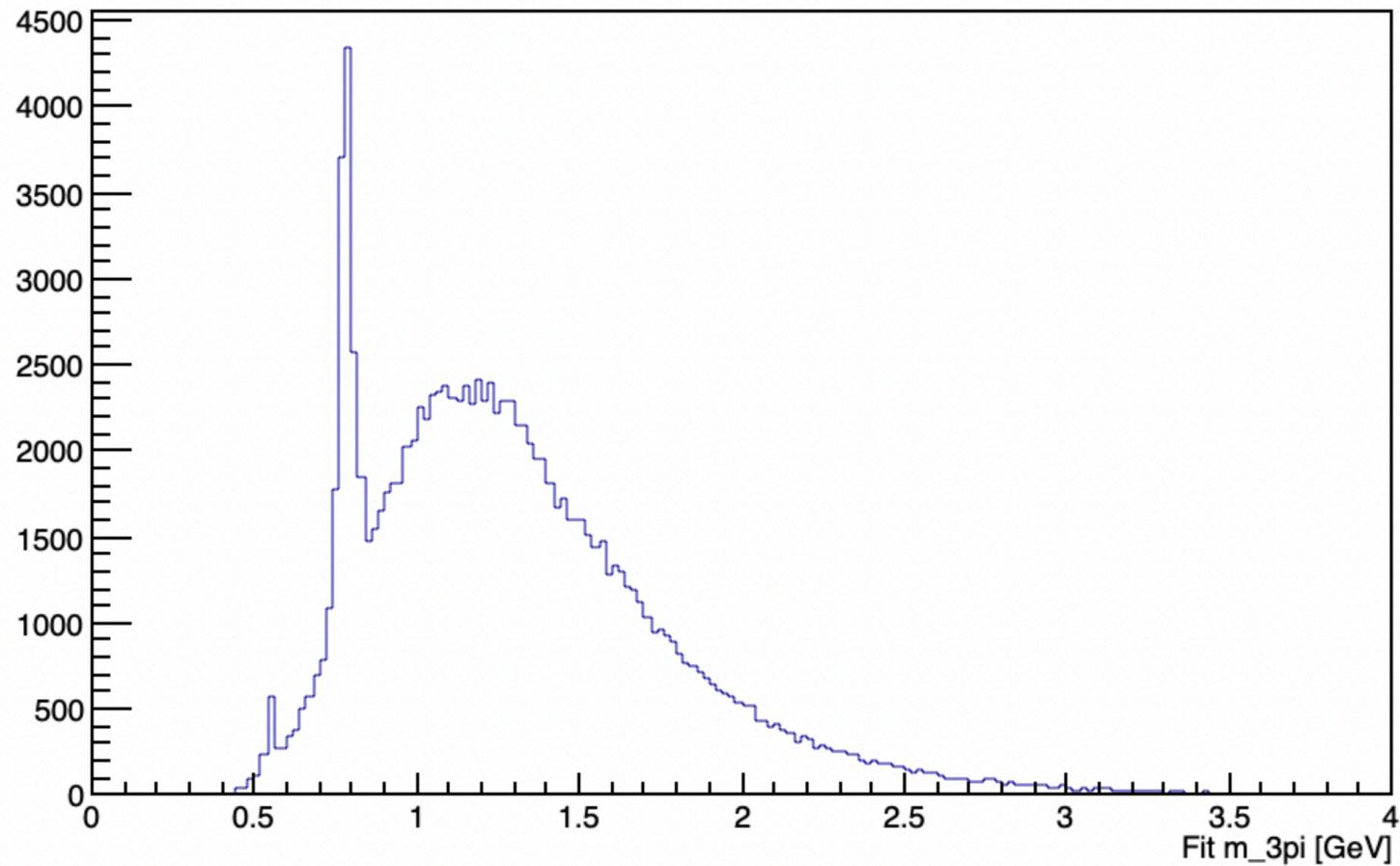


Including only one fit per event

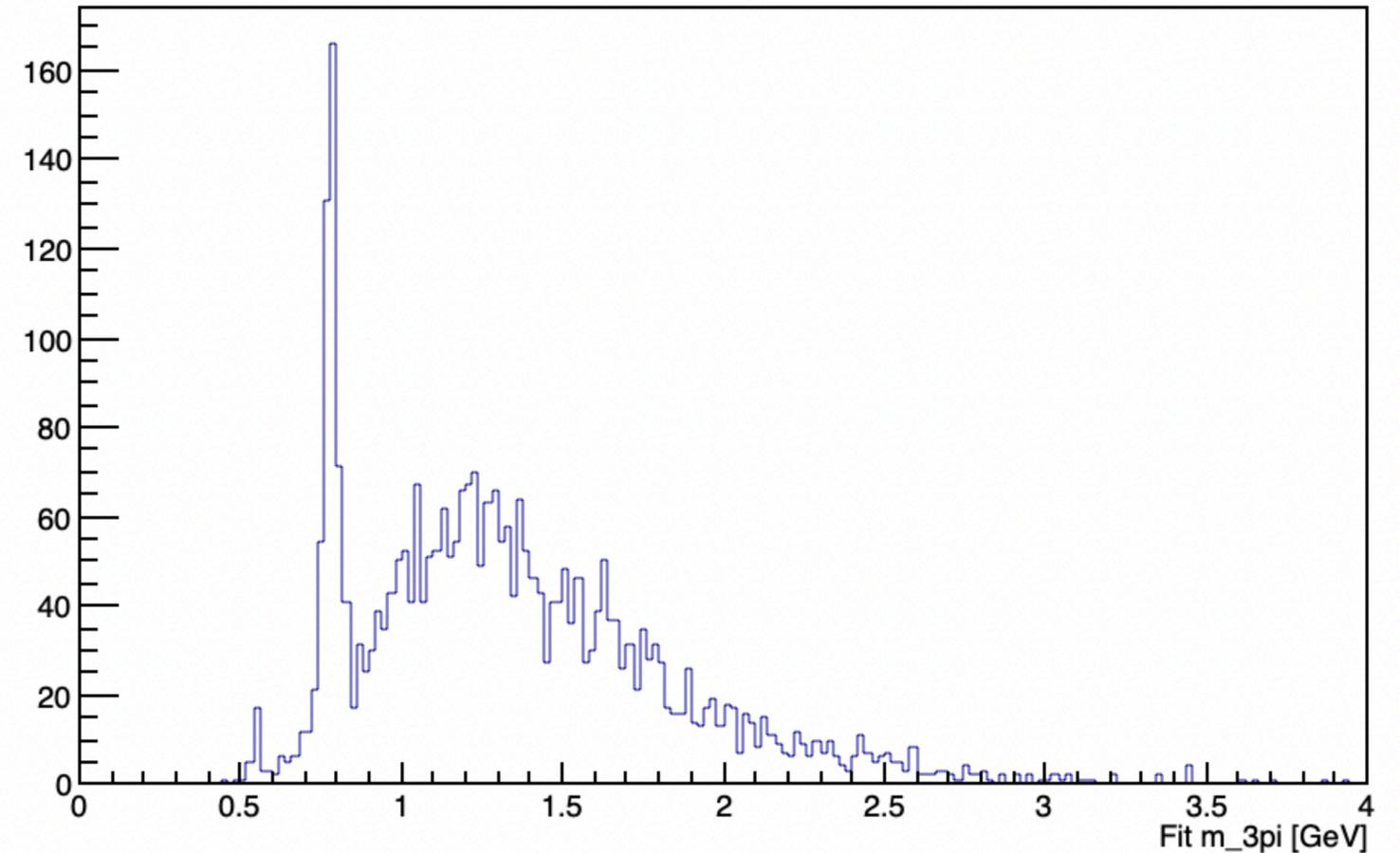


Missing mass after cuts

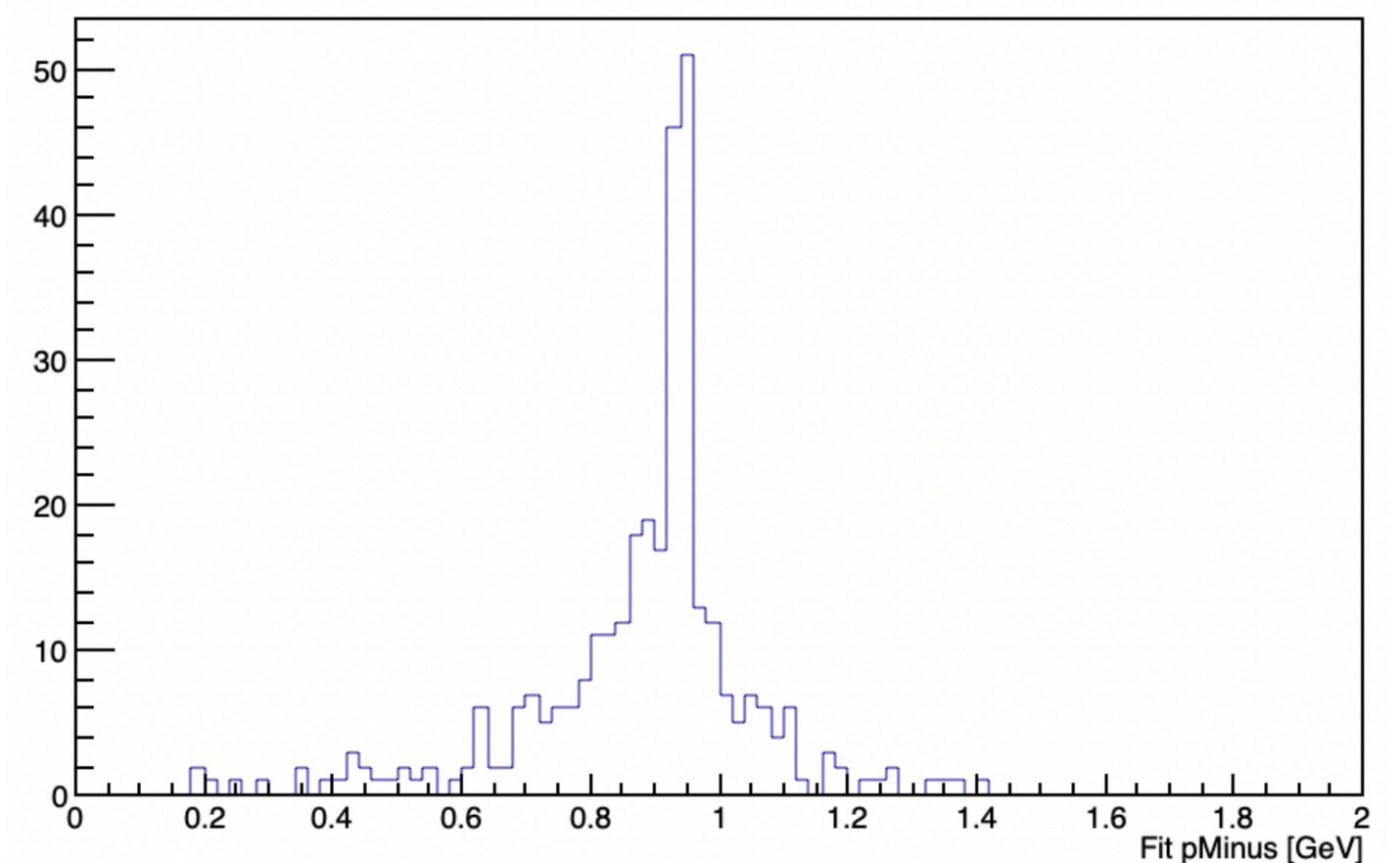
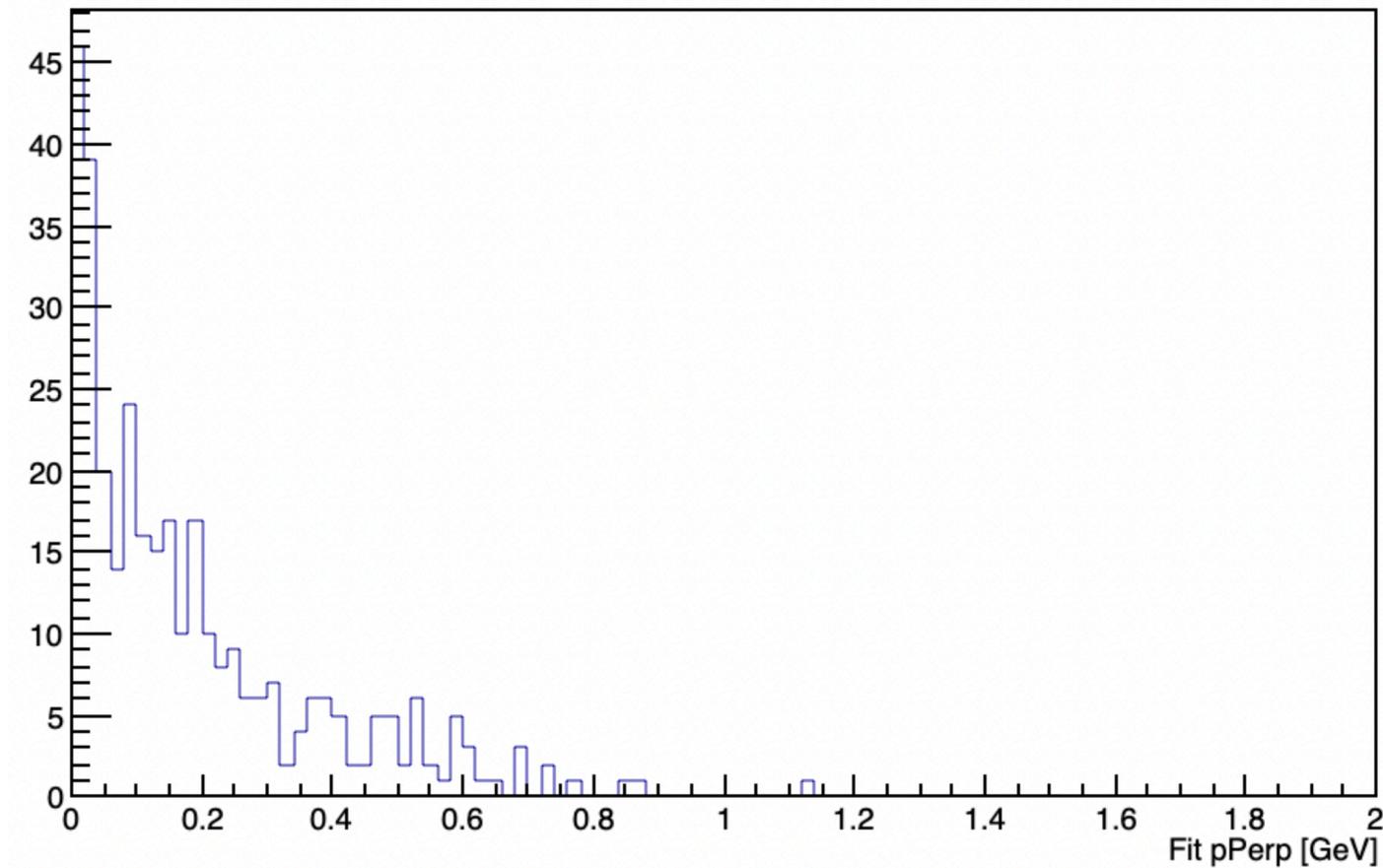
All Hypotheses with $CL > 0.01$



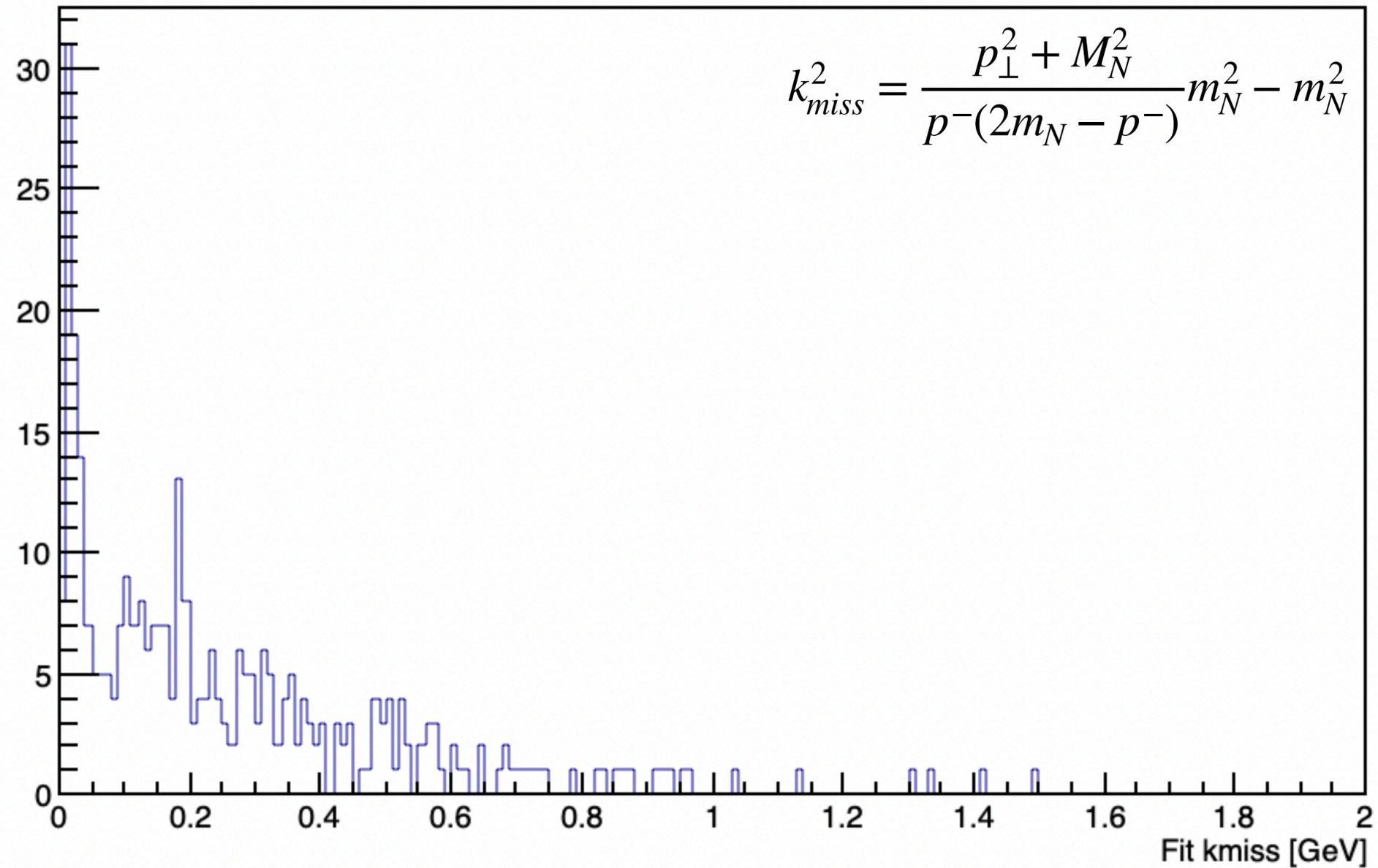
After Vertex, Shower,
 π^0 Mass Cuts



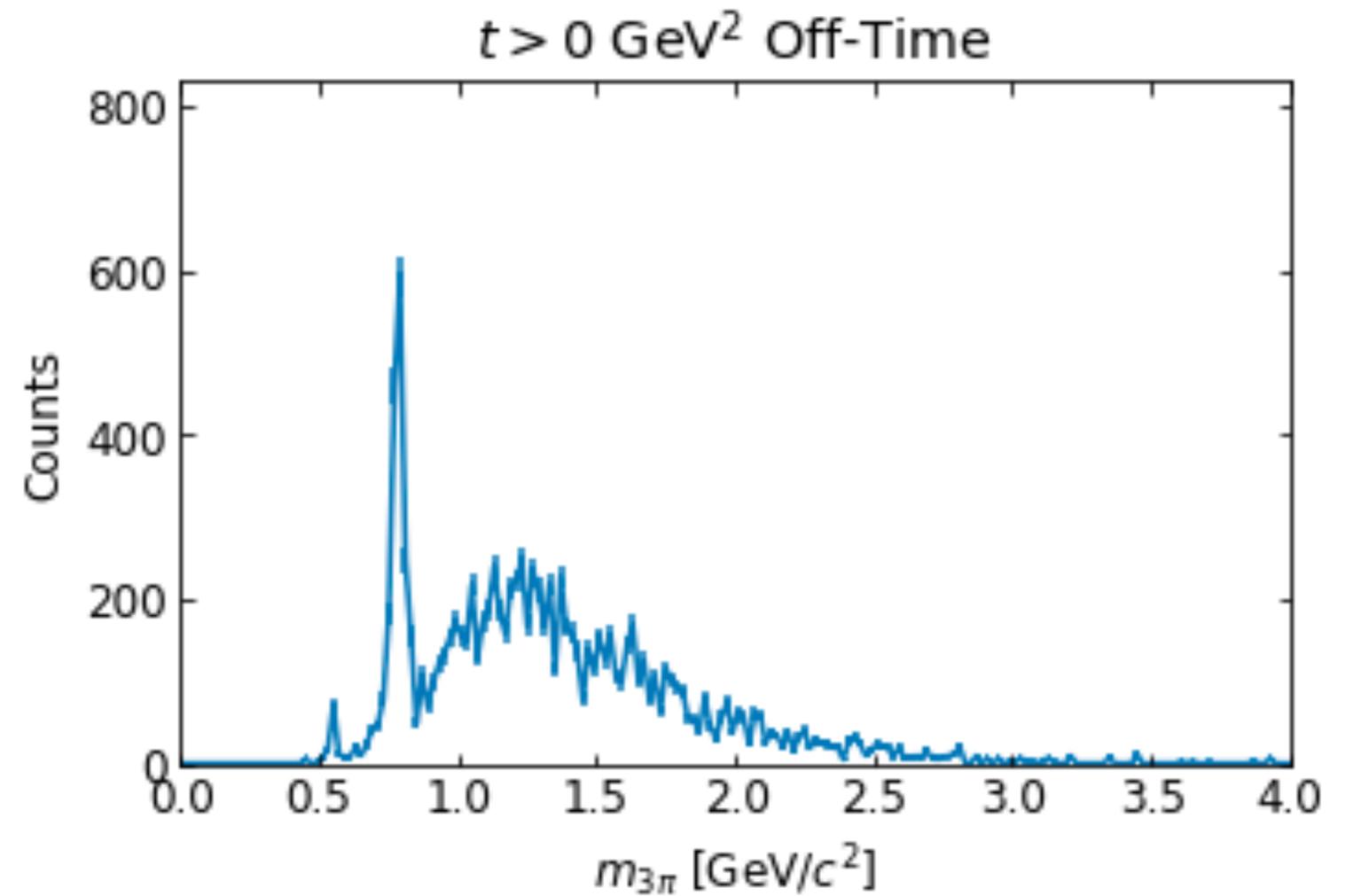
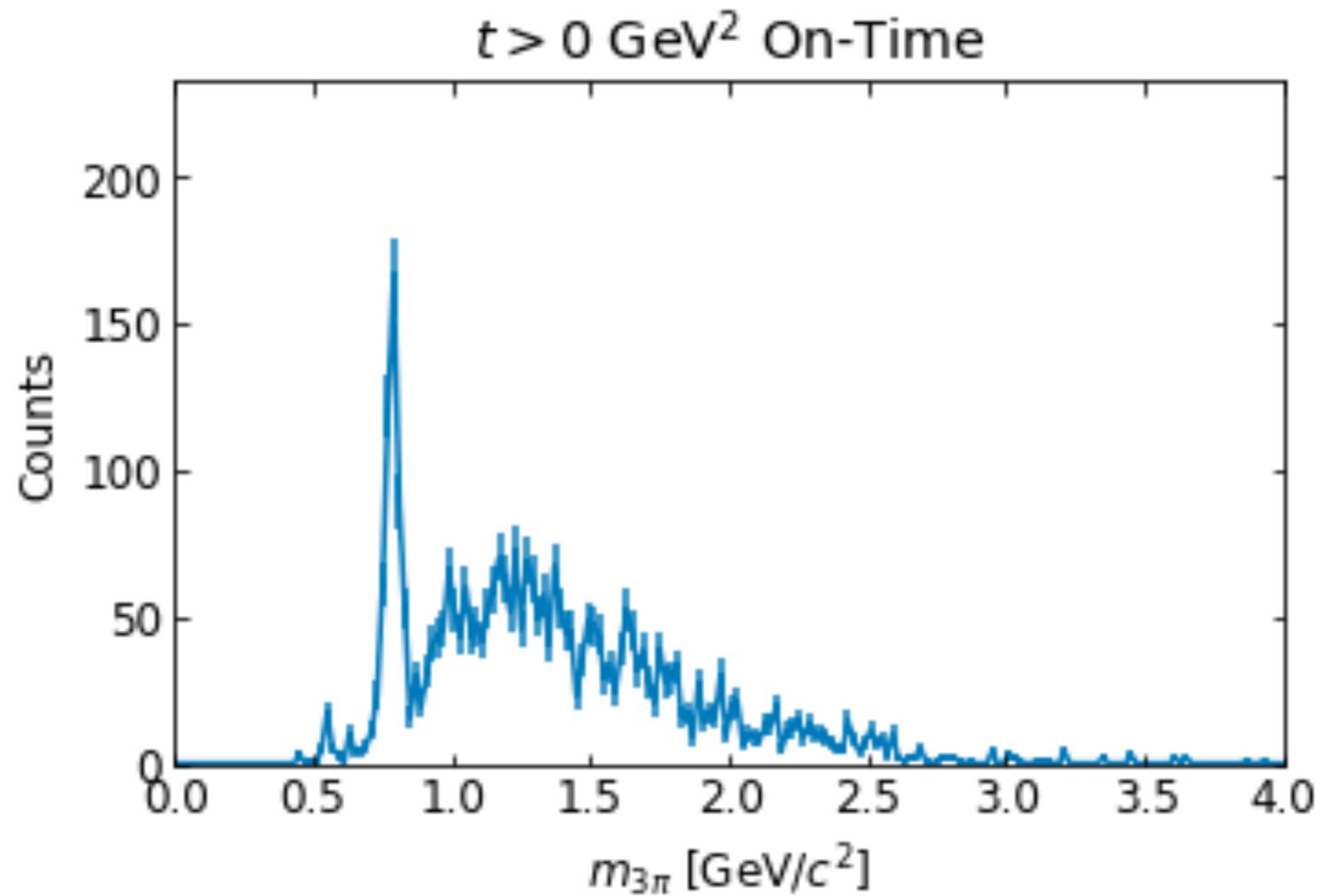
Missing momentum after mass cut



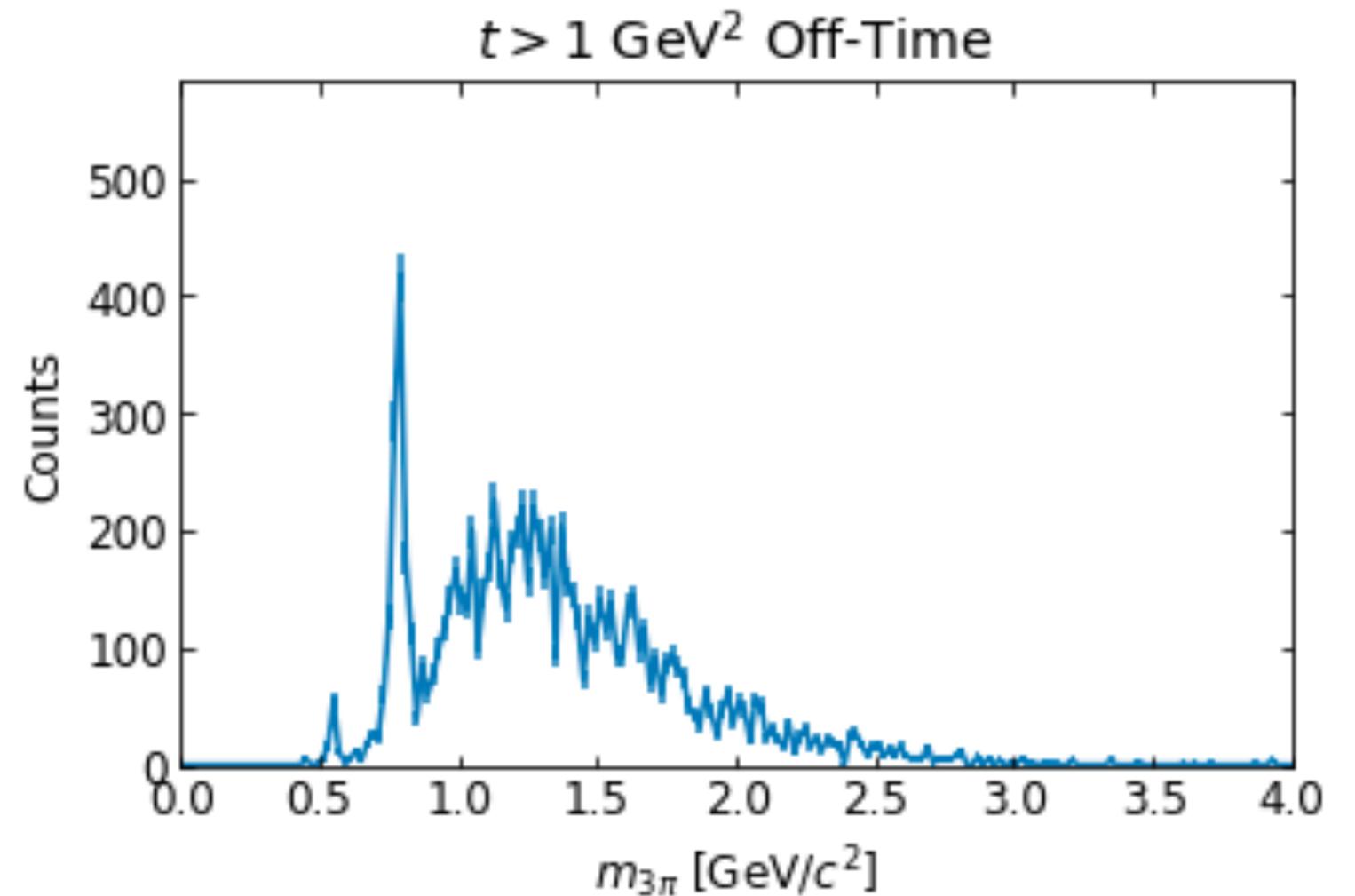
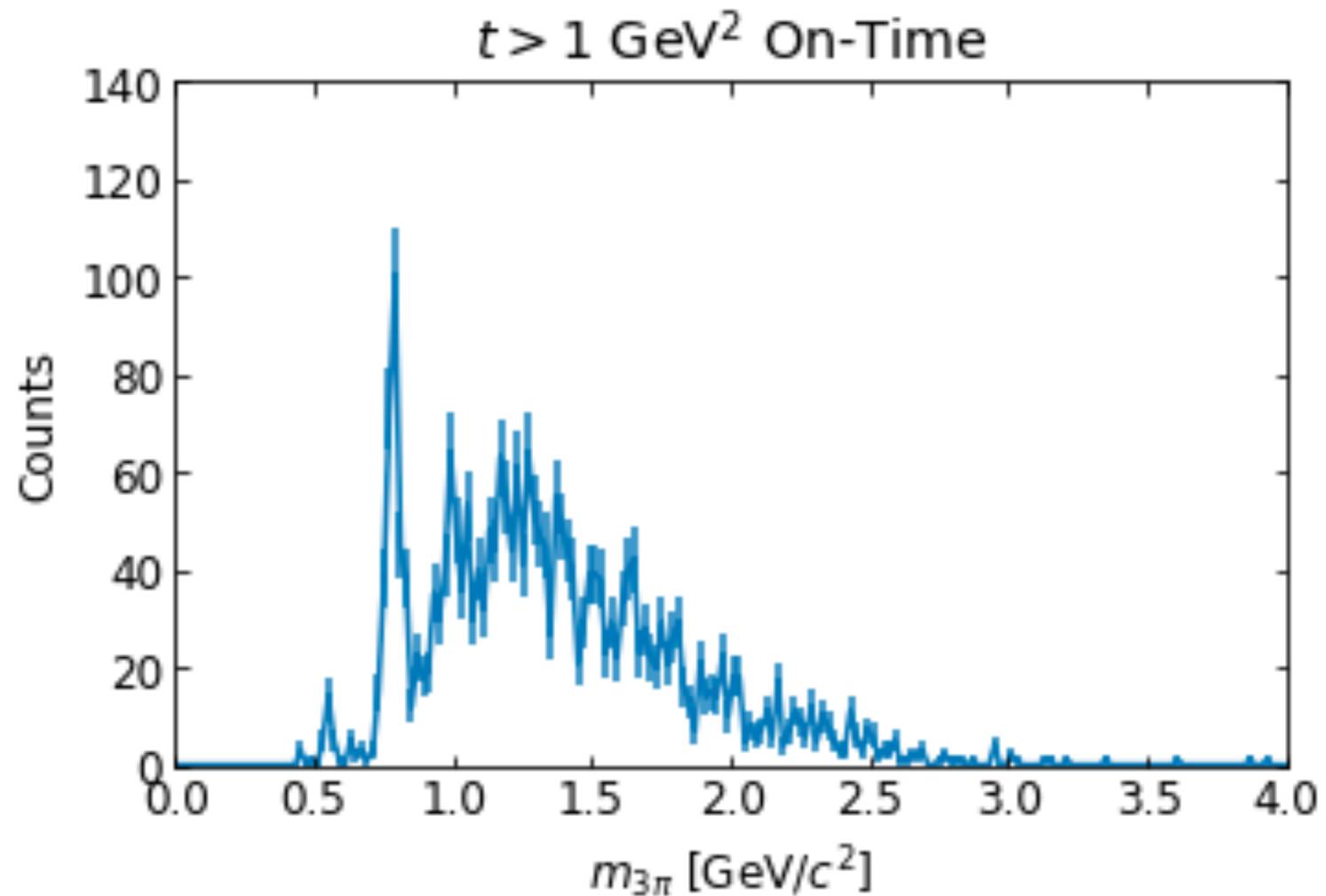
Missing momentum after mass cut



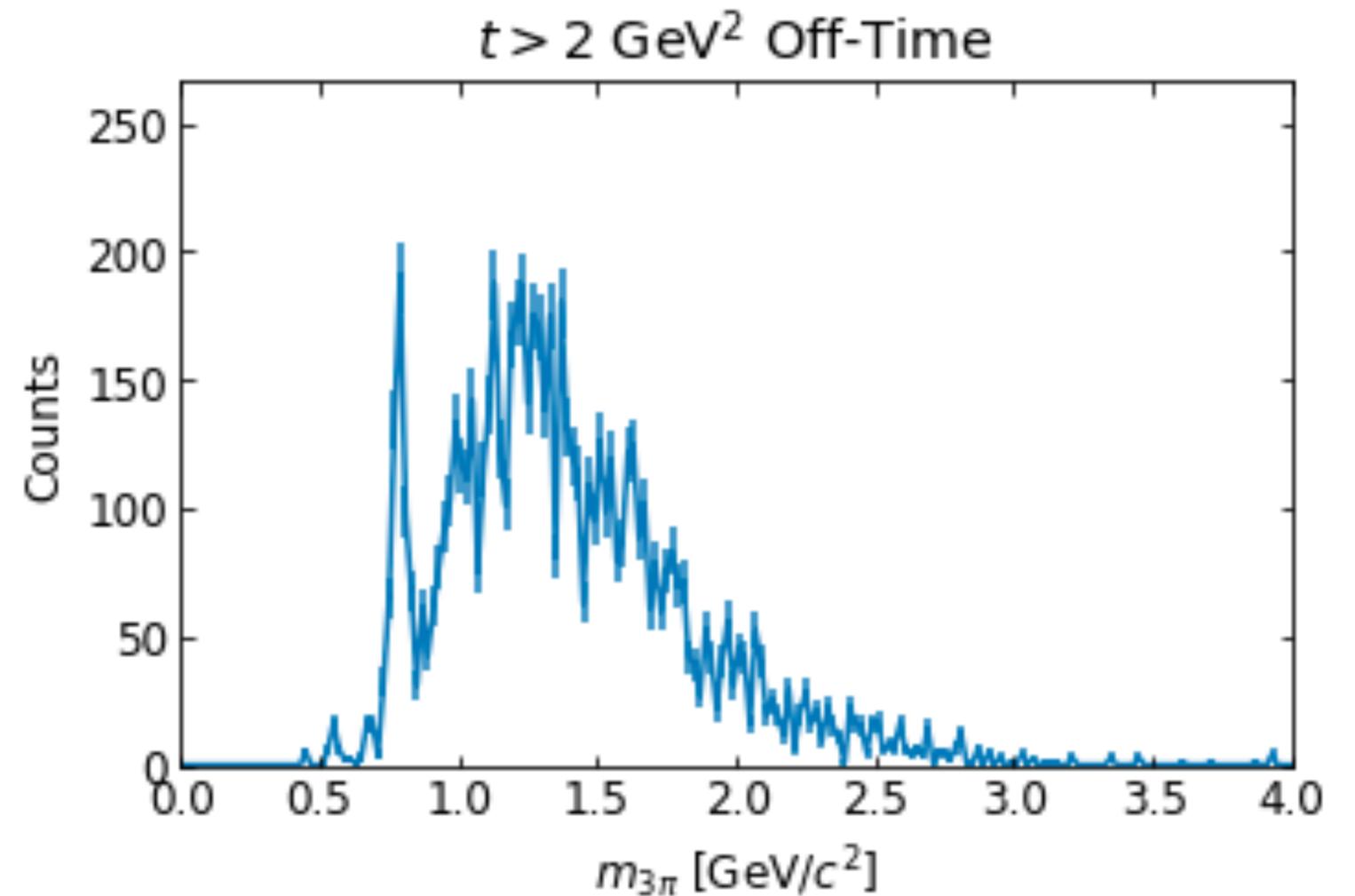
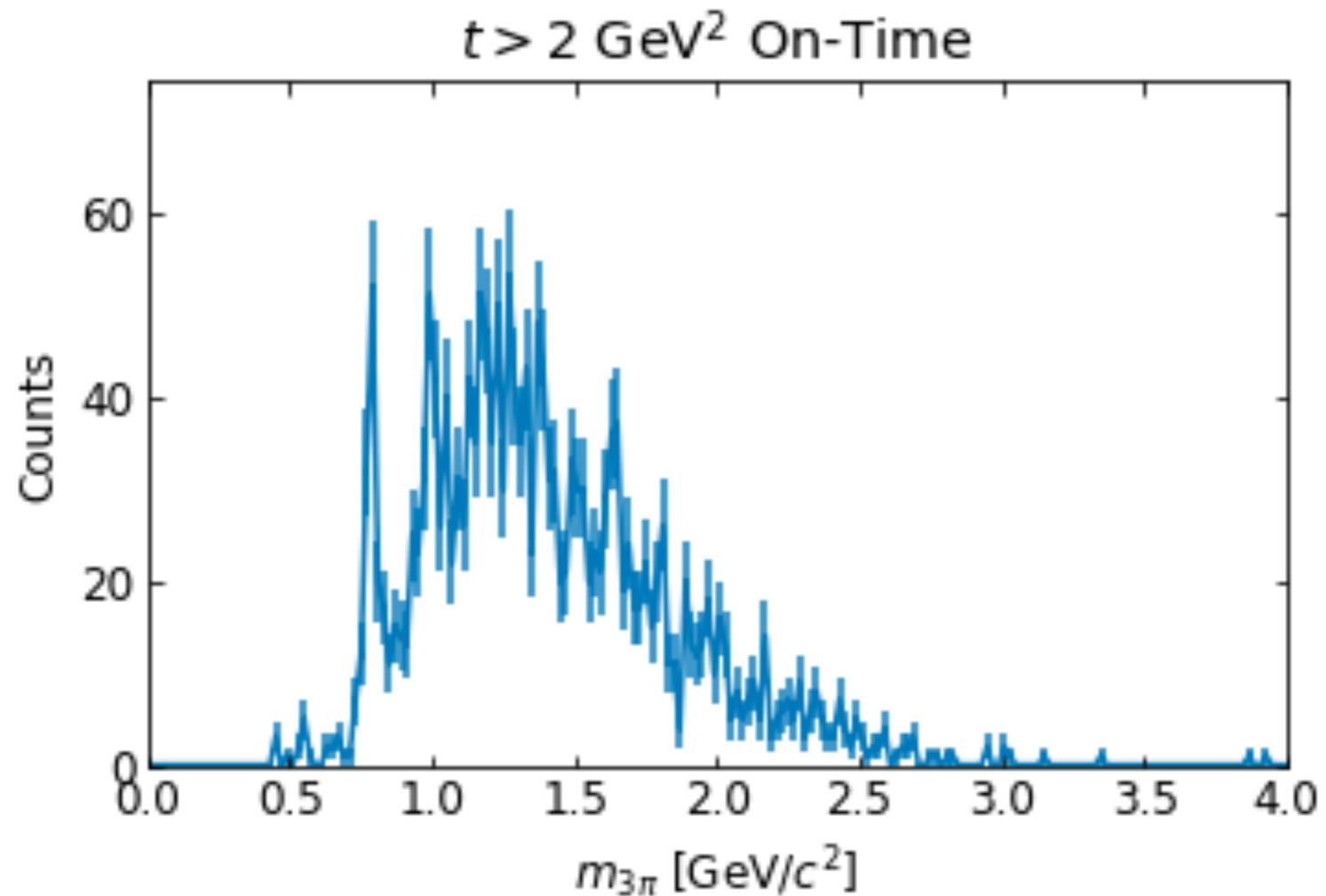
Background increases slightly with $|t|$



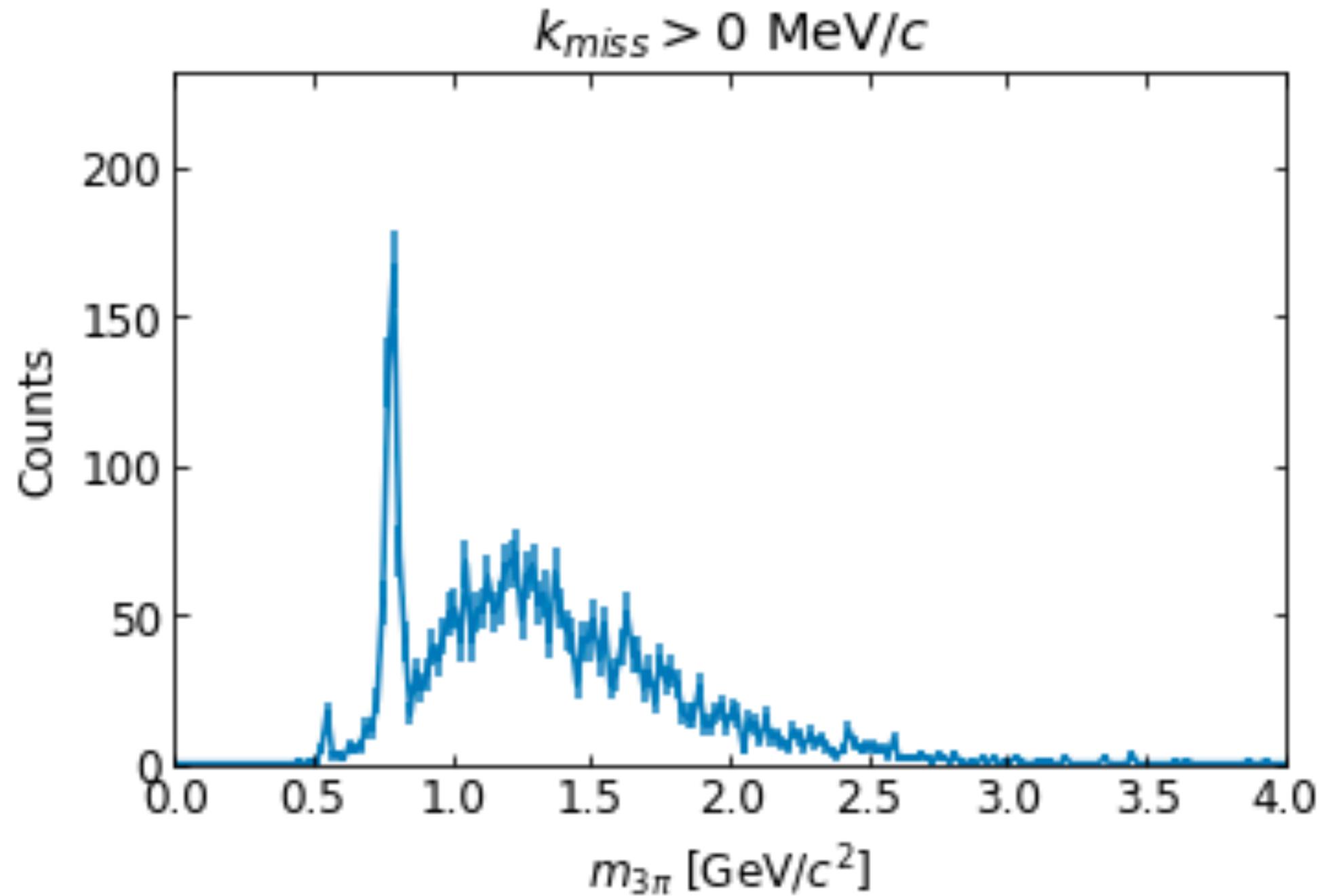
Background increases slightly with $|t|$



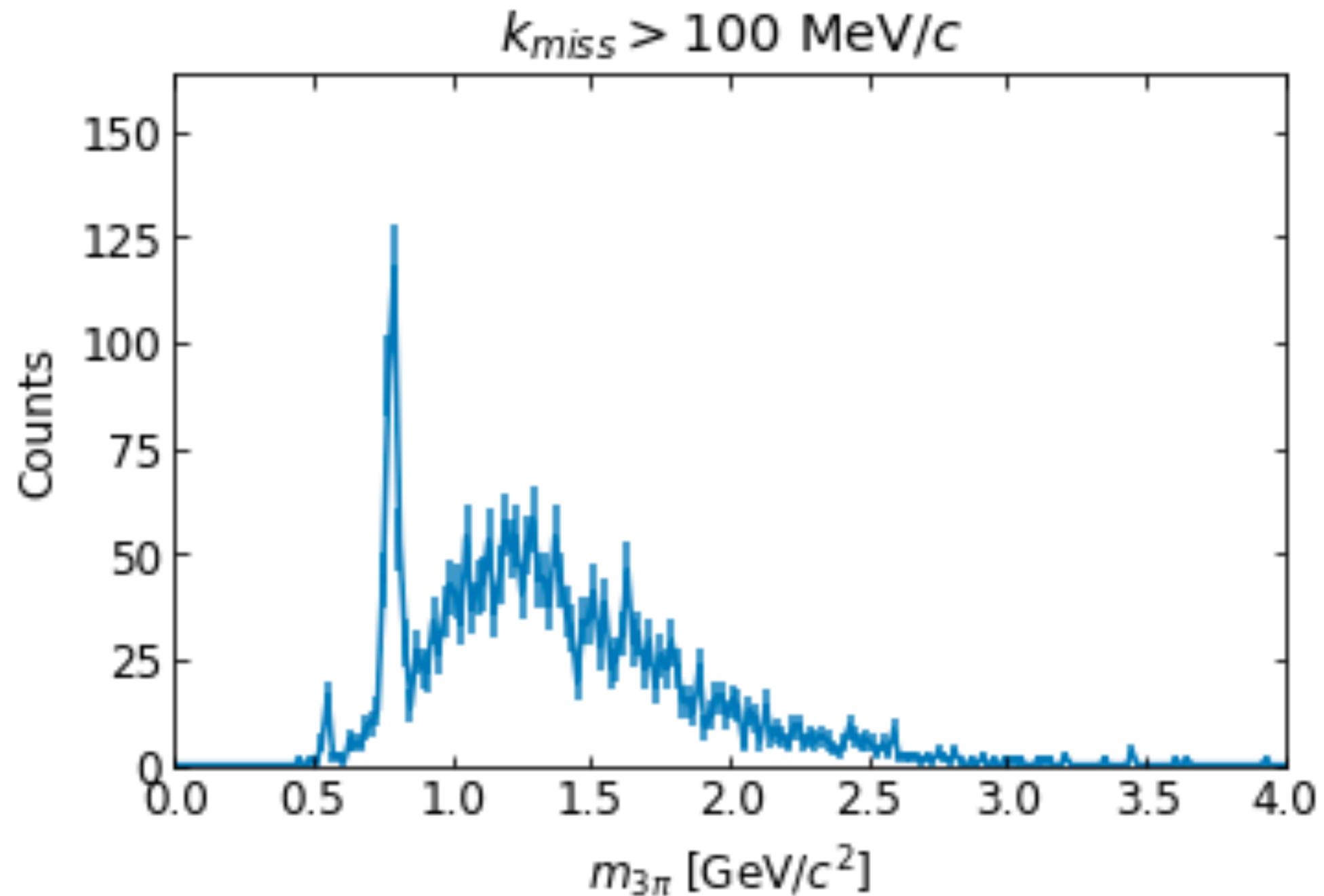
Background increases slightly with $|t|$



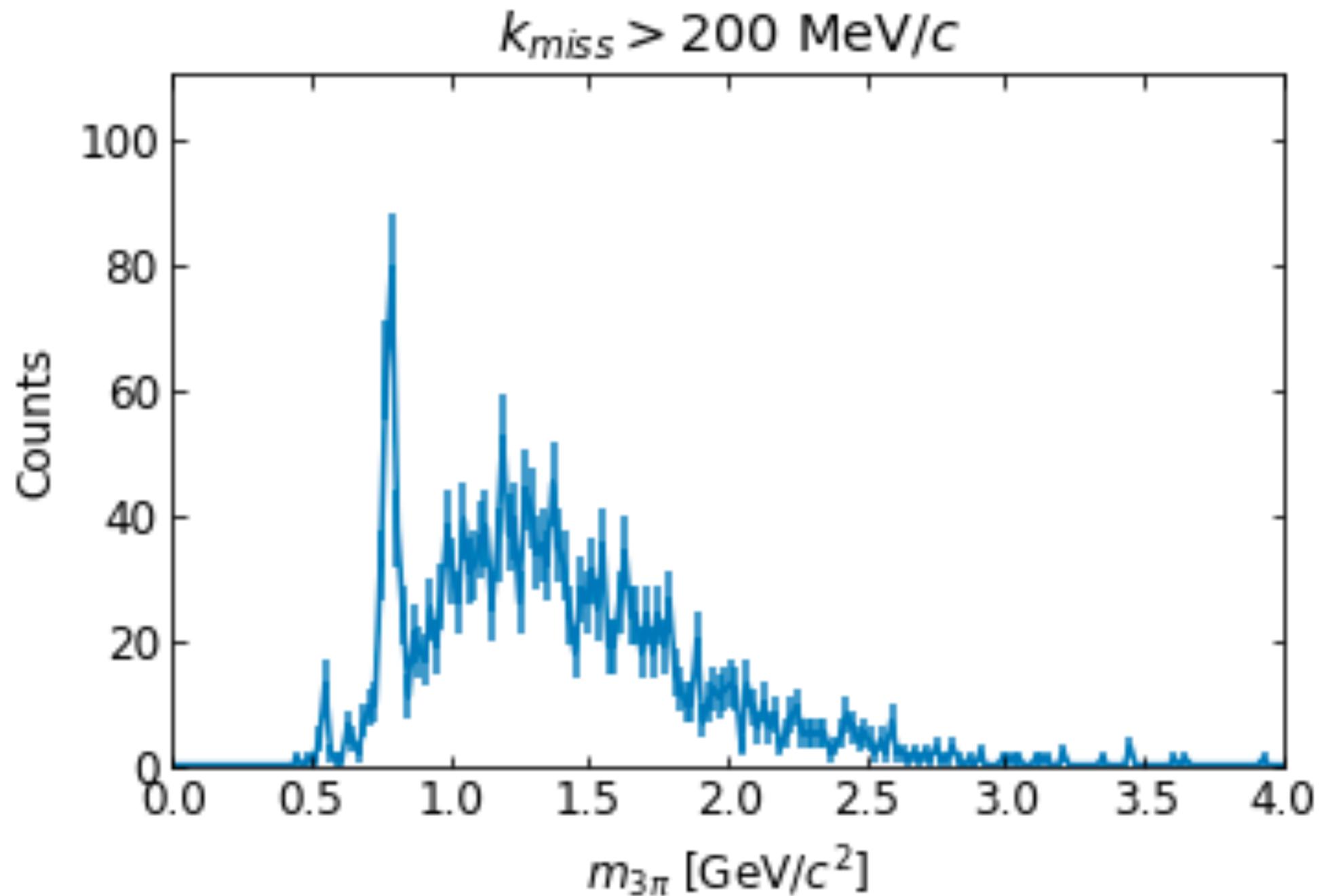
Background increases slightly with k_{miss}



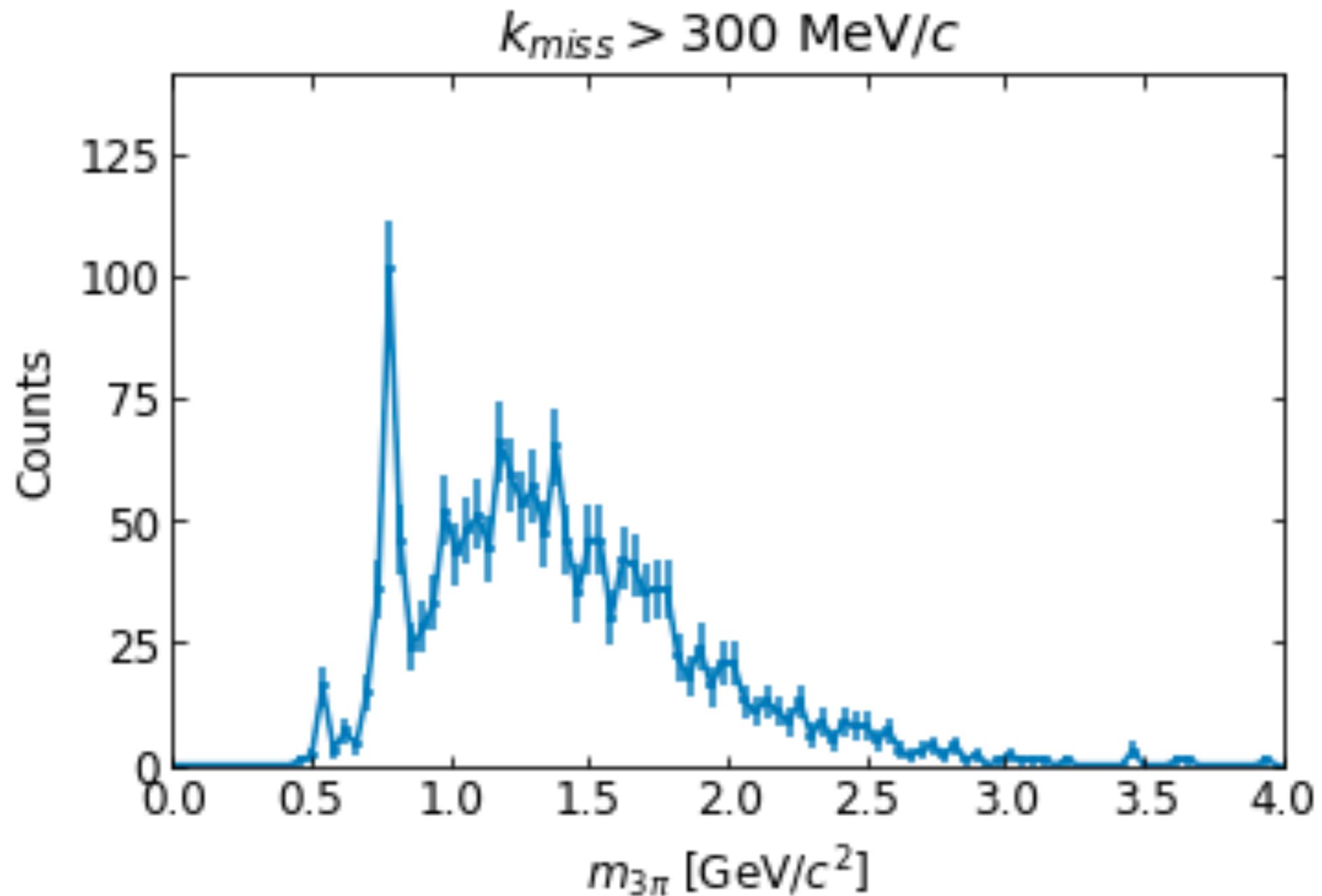
Background increases slightly with k_{miss}



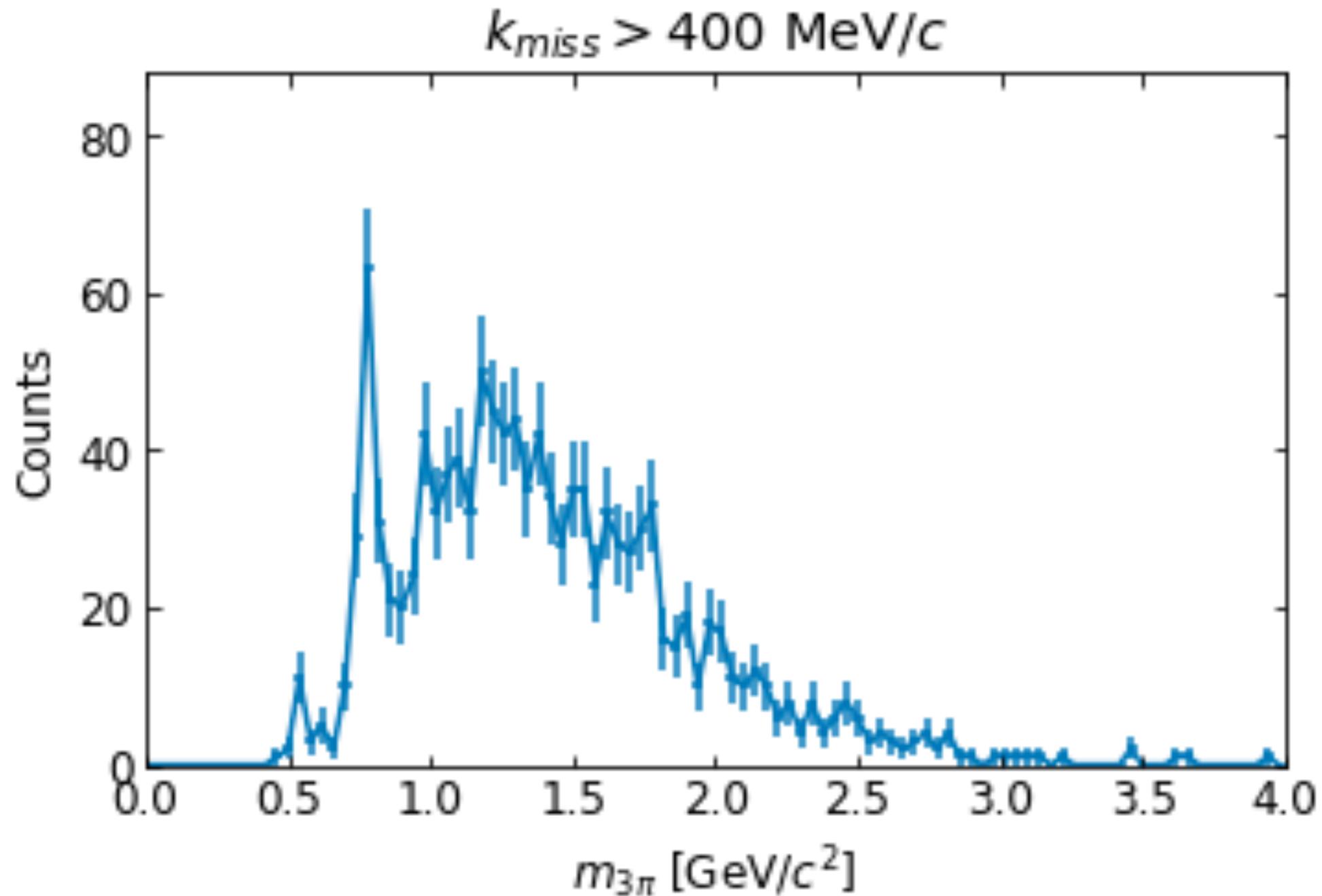
Background increases slightly with k_{miss}



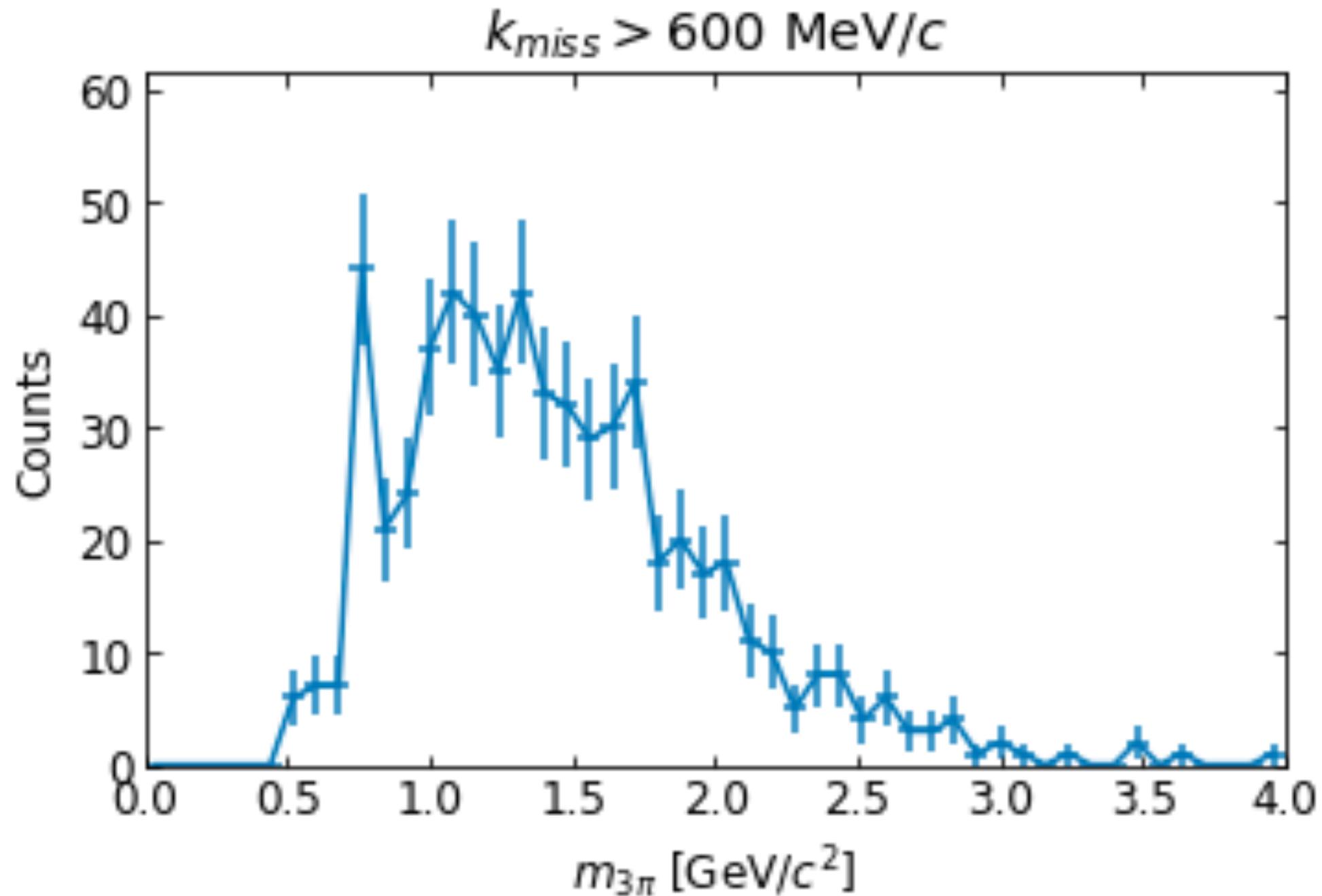
Background increases slightly with k_{miss}



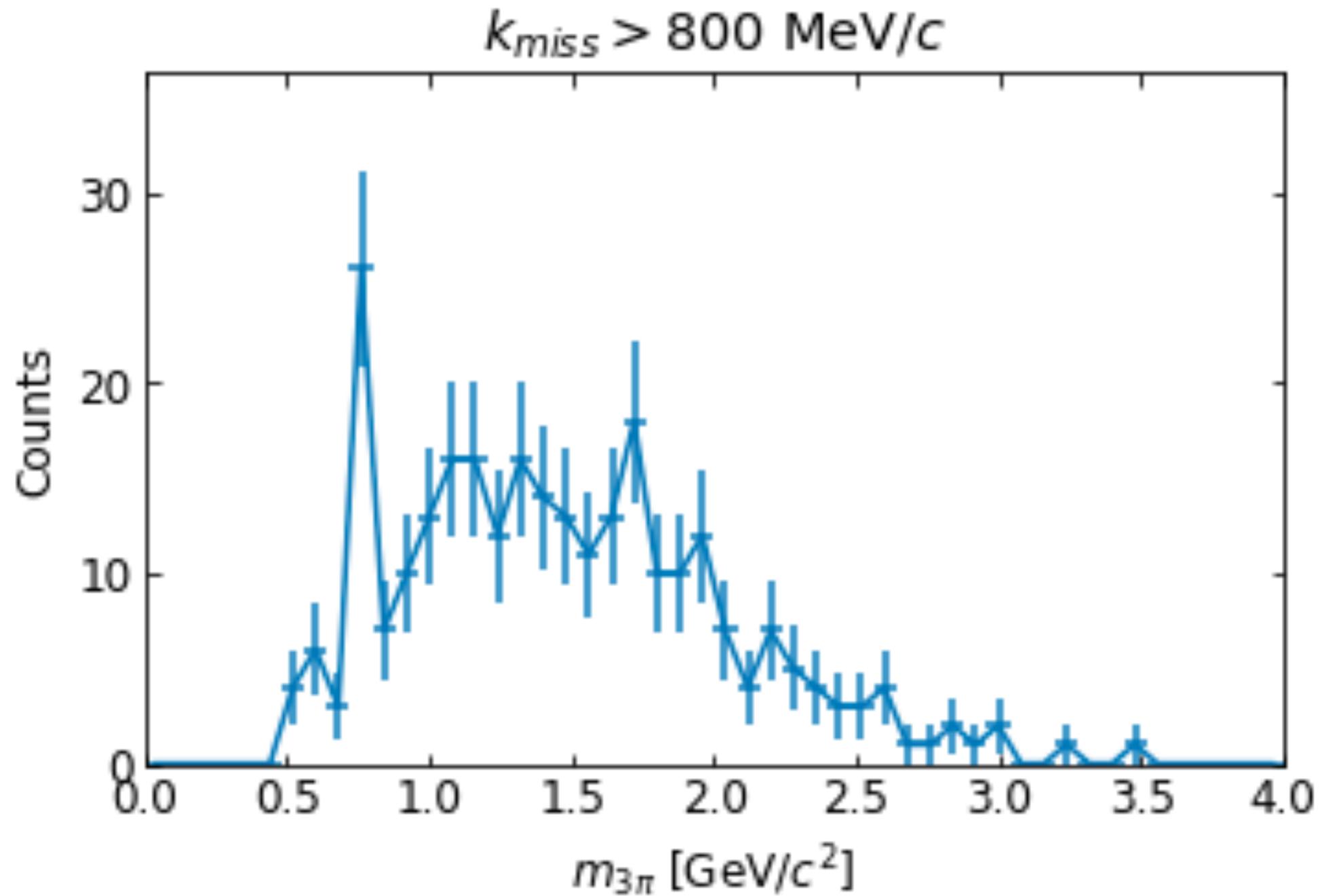
Background increases slightly with k_{miss}



Background increases slightly with k_{miss}



Background increases slightly with k_{miss}



Not enough events for coincidence photon subtraction — need to add more runs

