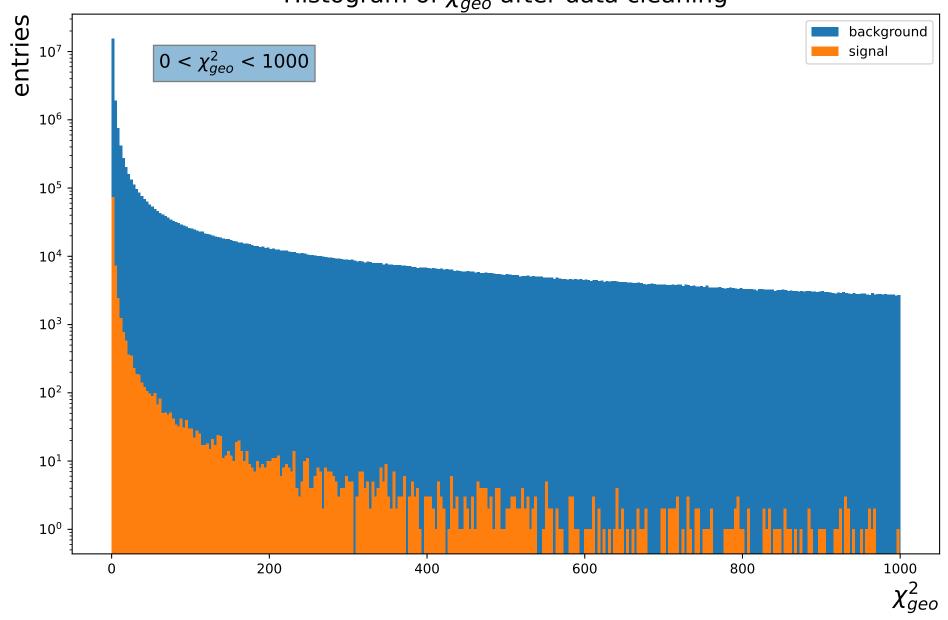
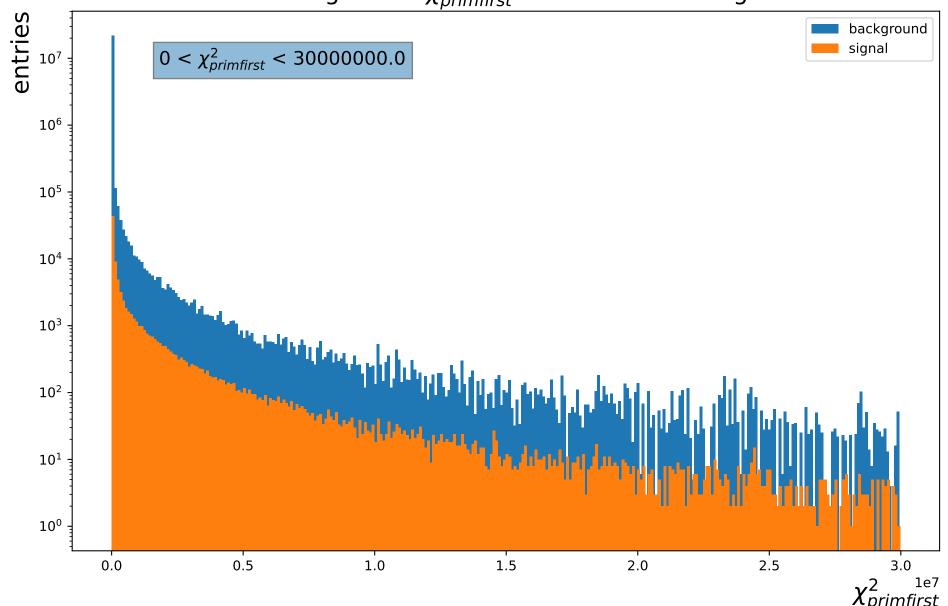
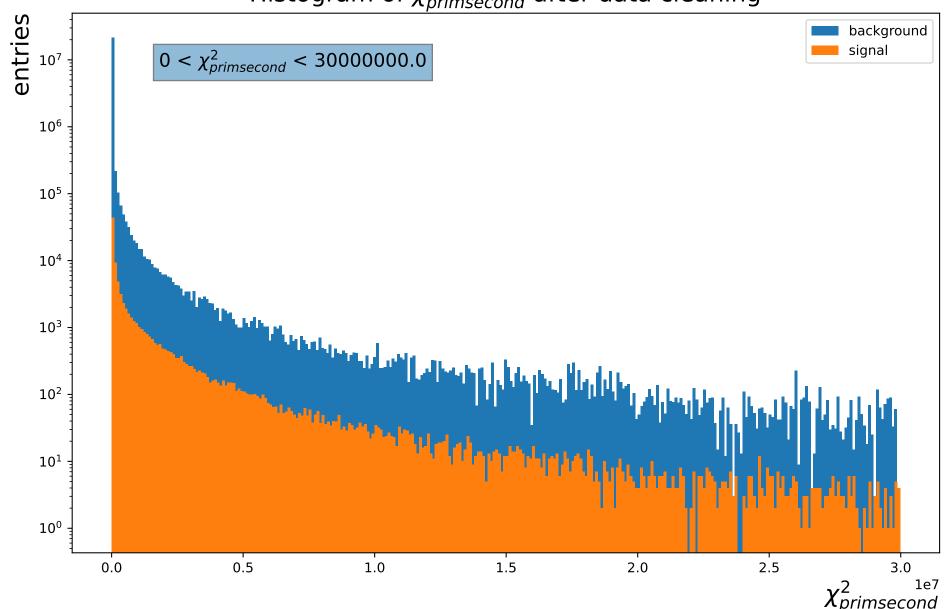
Histogram of χ^2_{geo} after data cleaning



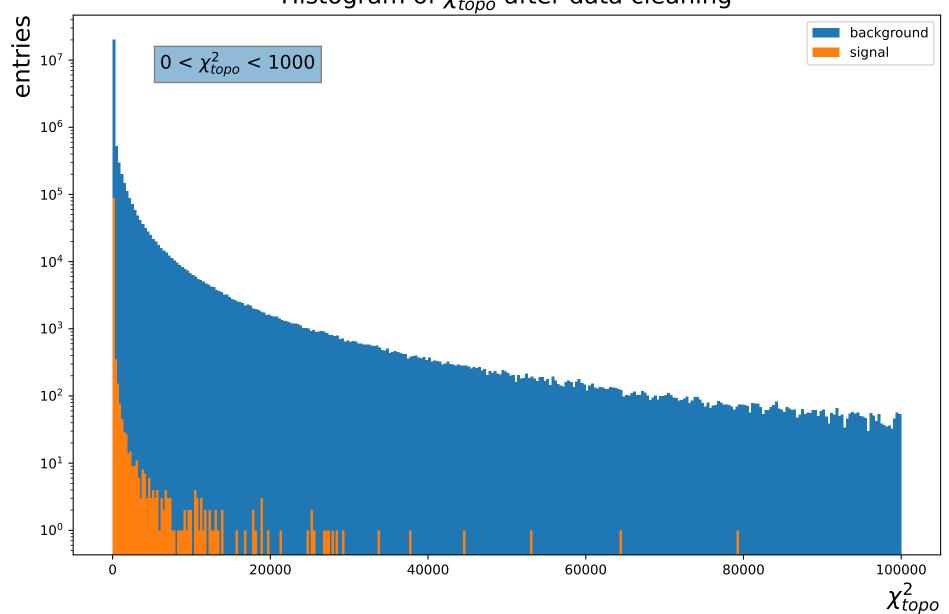
Histogram of $\chi^2_{primfirst}$ after data cleaning



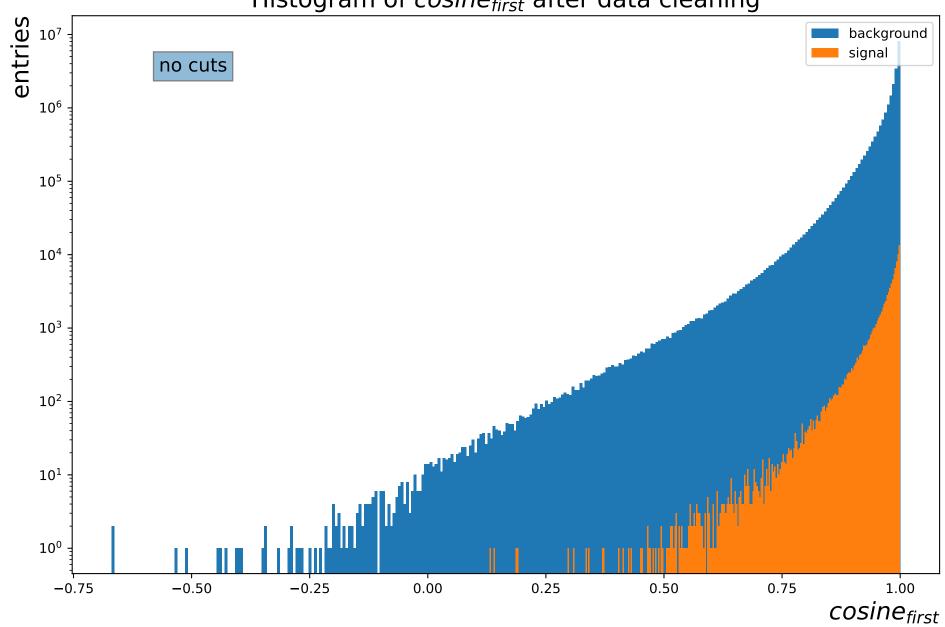
Histogram of $\chi^2_{primsecond}$ after data cleaning



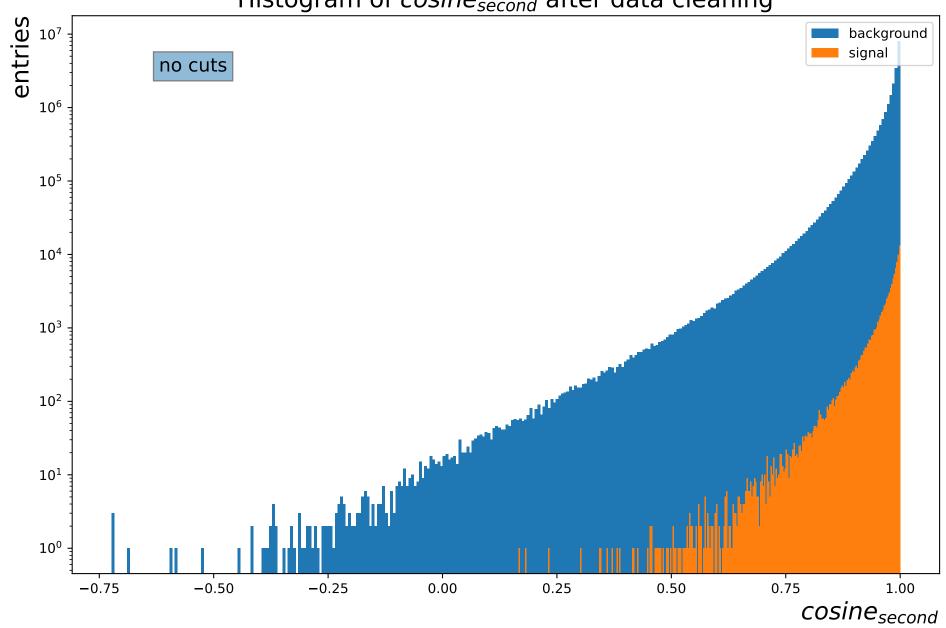
Histogram of χ^2_{topo} after data cleaning



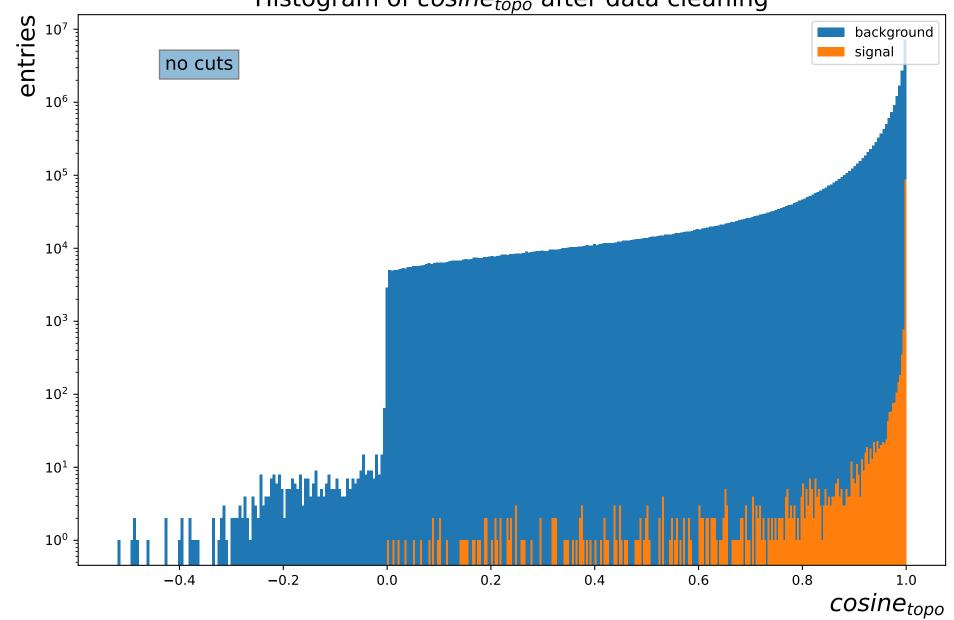
Histogram of cosine first after data cleaning



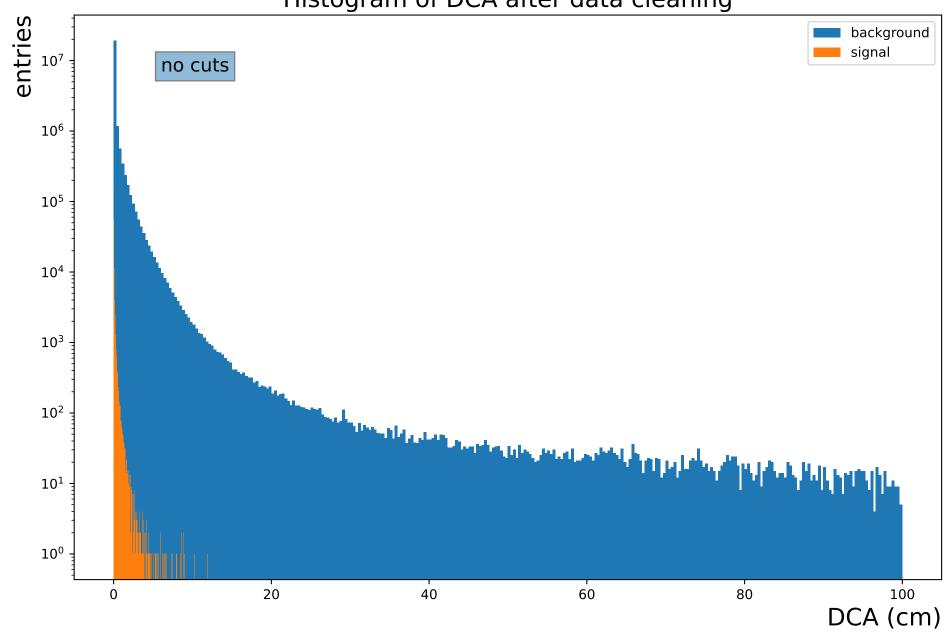
Histogram of cosine second after data cleaning



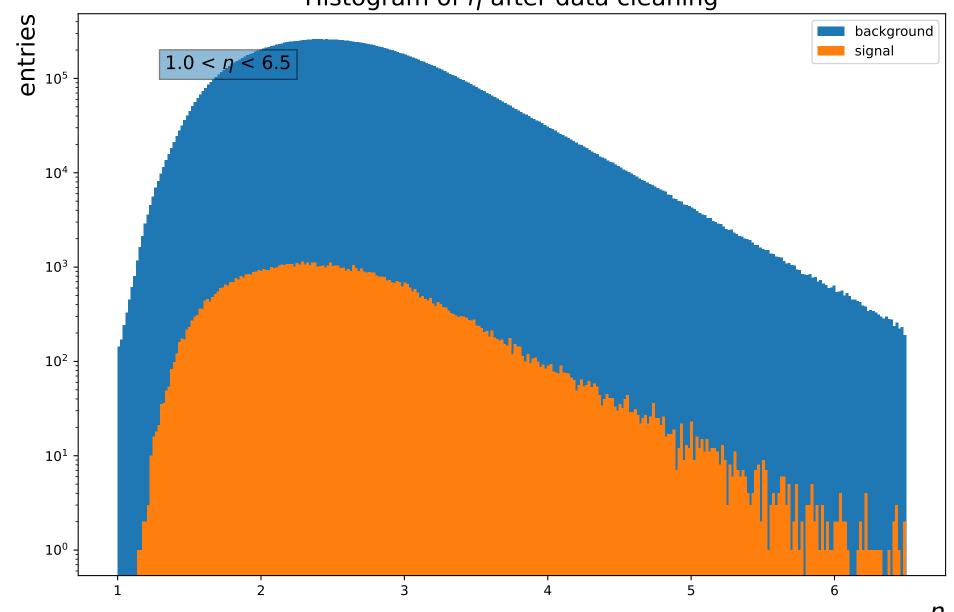
Histogram of $cosine_{topo}$ after data cleaning



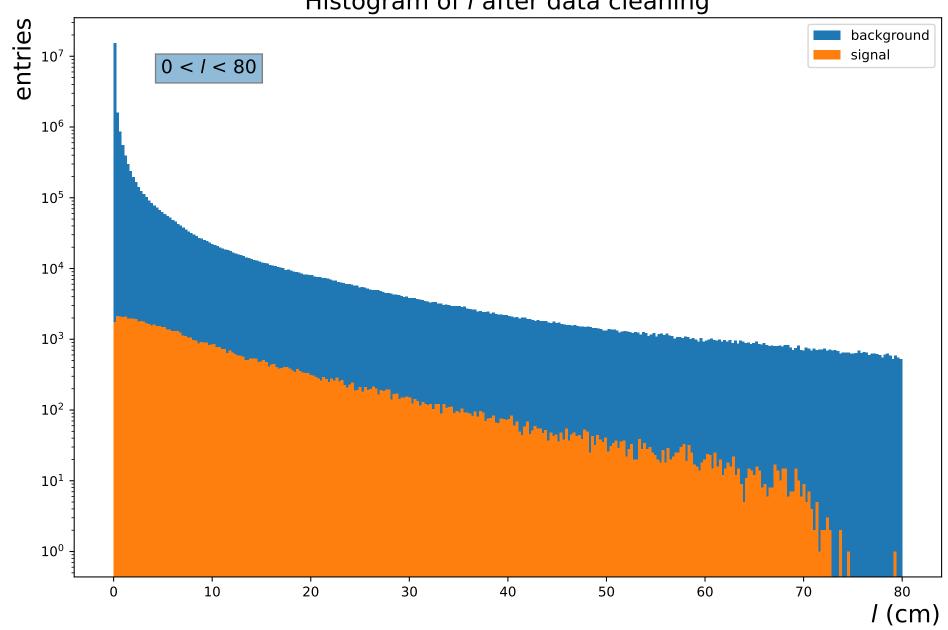
Histogram of DCA after data cleaning



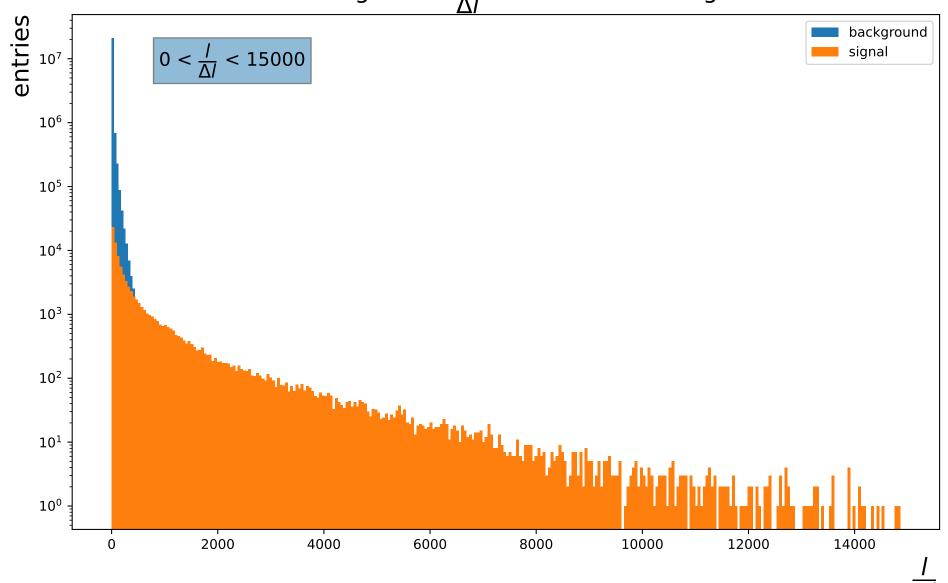
Histogram of η after data cleaning



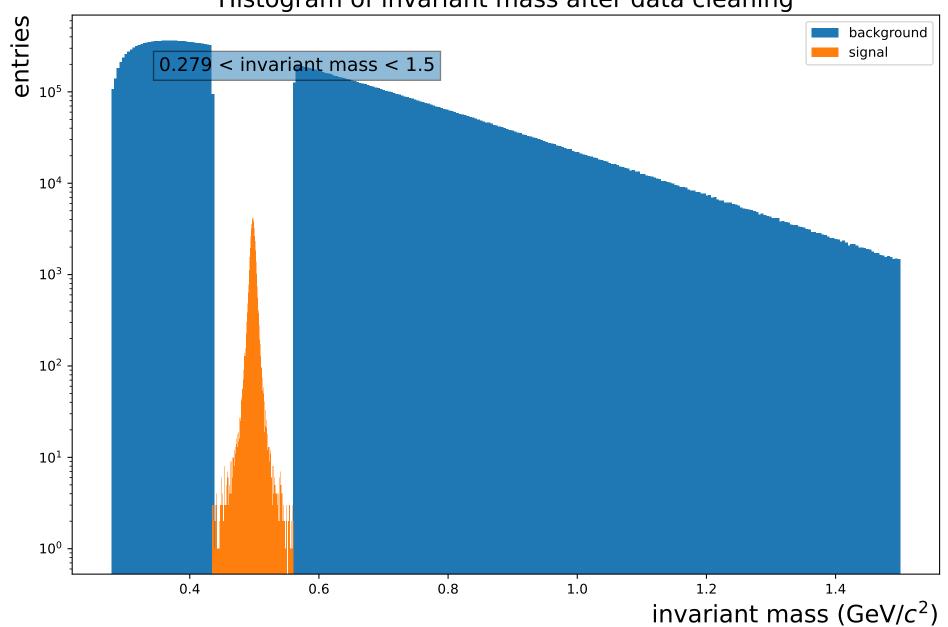
Histogram of I after data cleaning



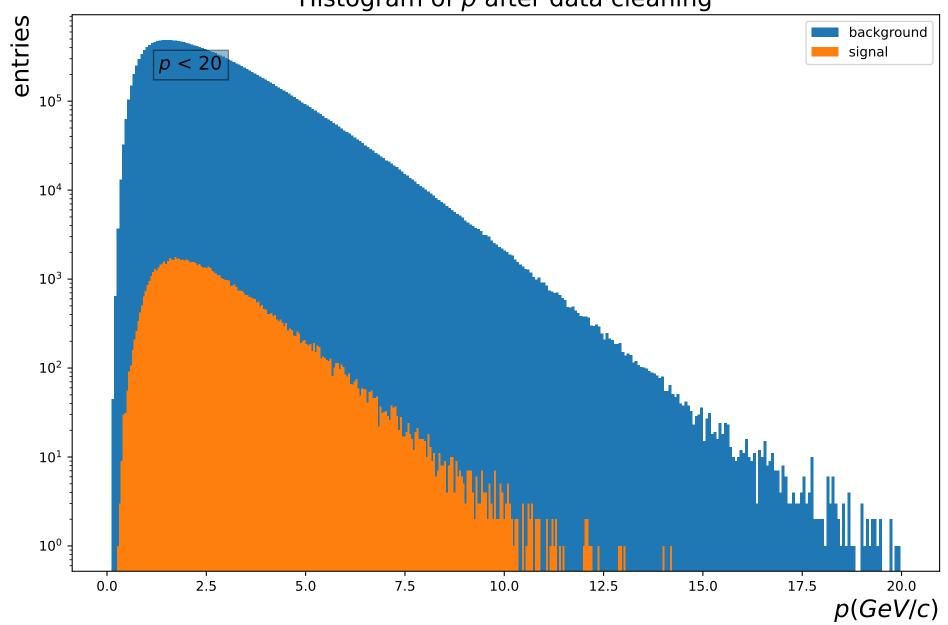
Histogram of $\frac{I}{\Lambda I}$ after data cleaning



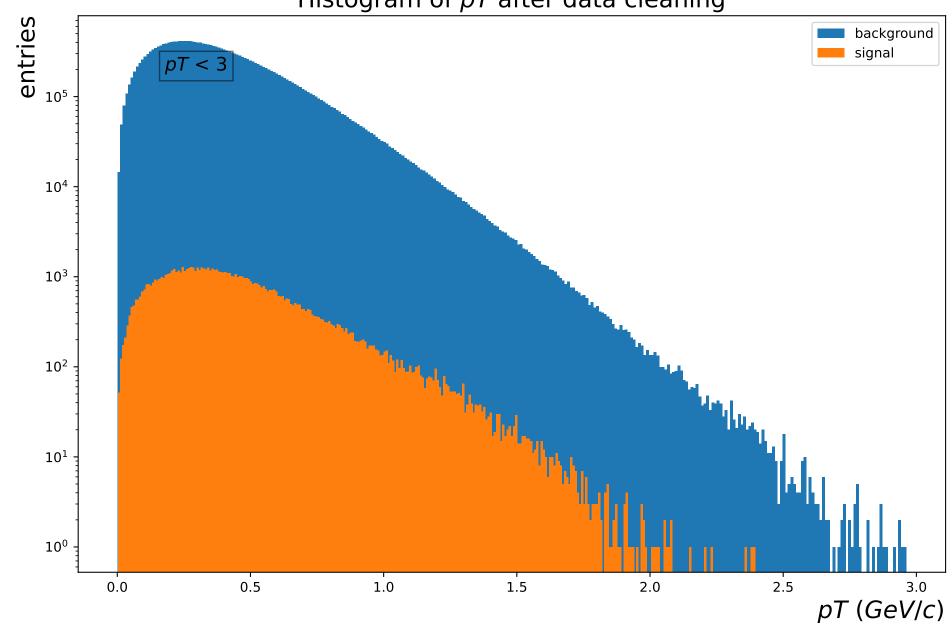
Histogram of invariant mass after data cleaning



Histogram of p after data cleaning

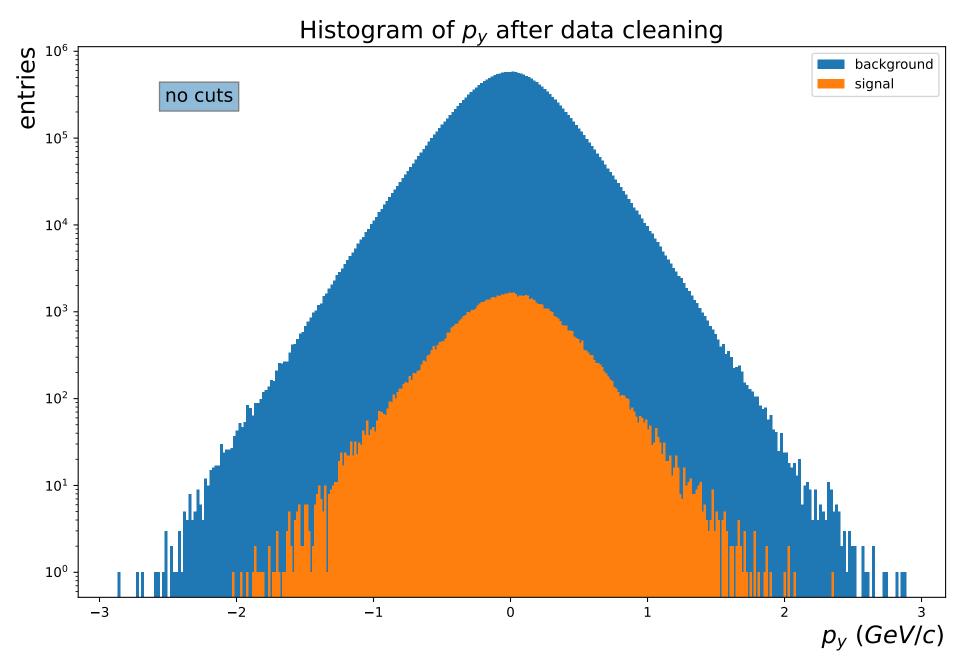


Histogram of pT after data cleaning

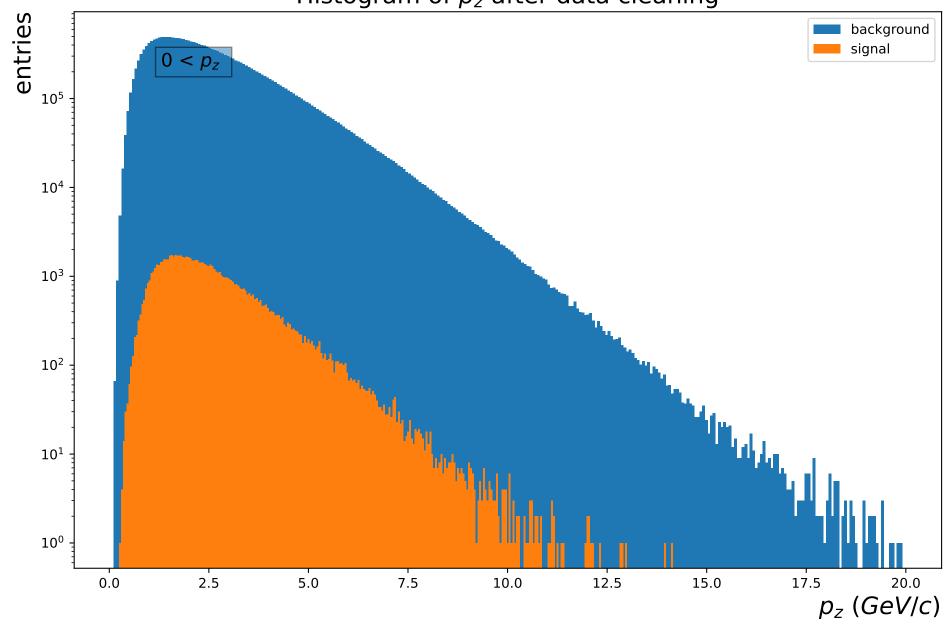


Histogram of ϕ after data cleaning entries ₁₀₅ background signal no cuts 10^{4} 10^{3} والمرافعة فالمرافي والمرافي والمراواة فالمرافعة والمراجعة والمراجعة والمرافعة والمرافعة والمرافعة والمرافعة والمرافعة -3 2 Ó <u>-</u>2 φ (*rad*)

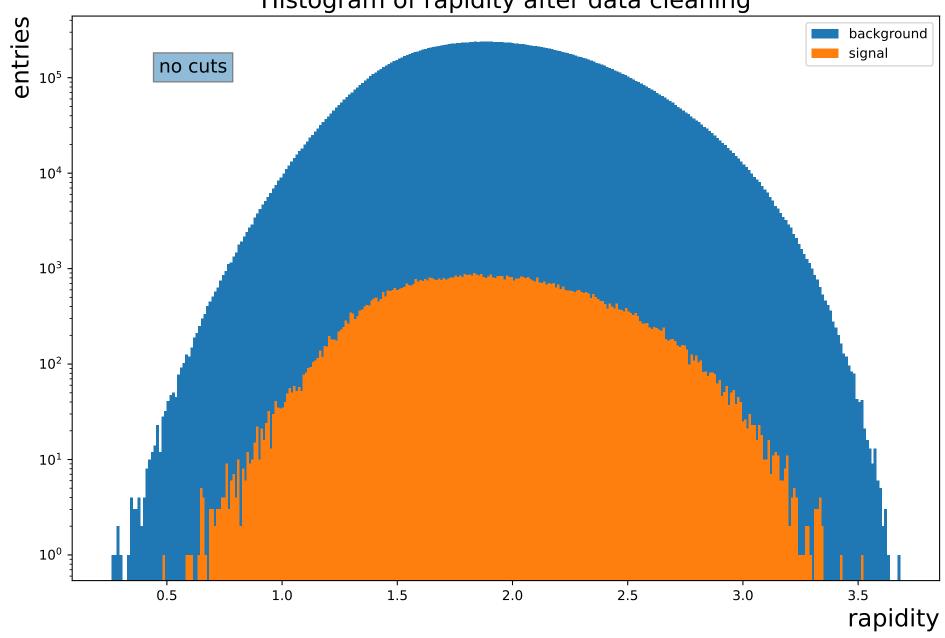
Histogram of p_x after data cleaning entries background signal no cuts 10⁵ - 10^{4} 10³ 10² = 10¹ 10⁰ ò p_X (GeV/c)



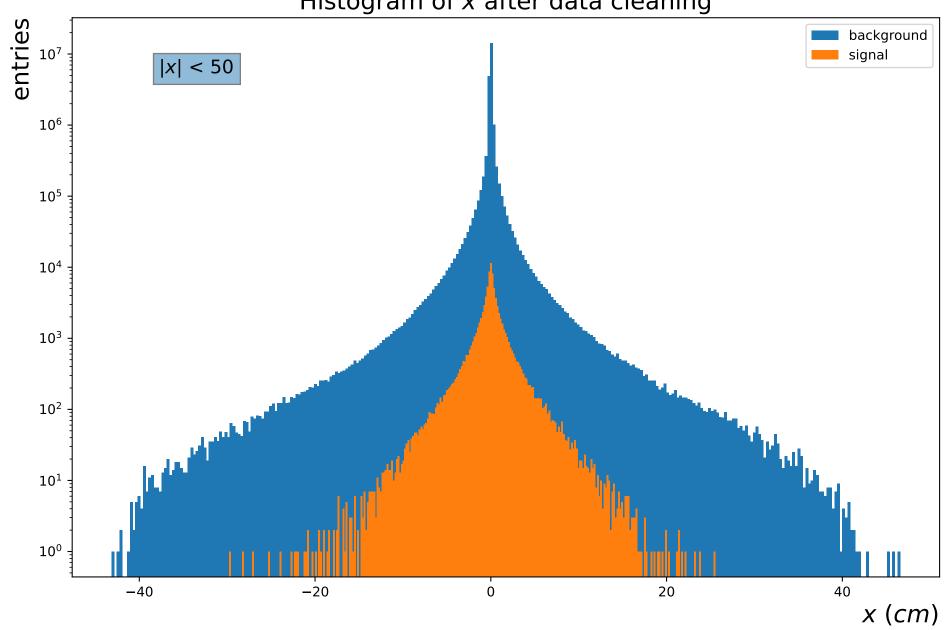
Histogram of p_z after data cleaning



Histogram of rapidity after data cleaning



Histogram of x after data cleaning



Histogram of y after data cleaning entries 107 background signal |y| < 5010⁶ -10⁵ 104 = 10³ 10² 10¹ 10⁰ 10 0 -10 20 30 -40 -30 -20 y (cm) Histogram of z after data cleaning

