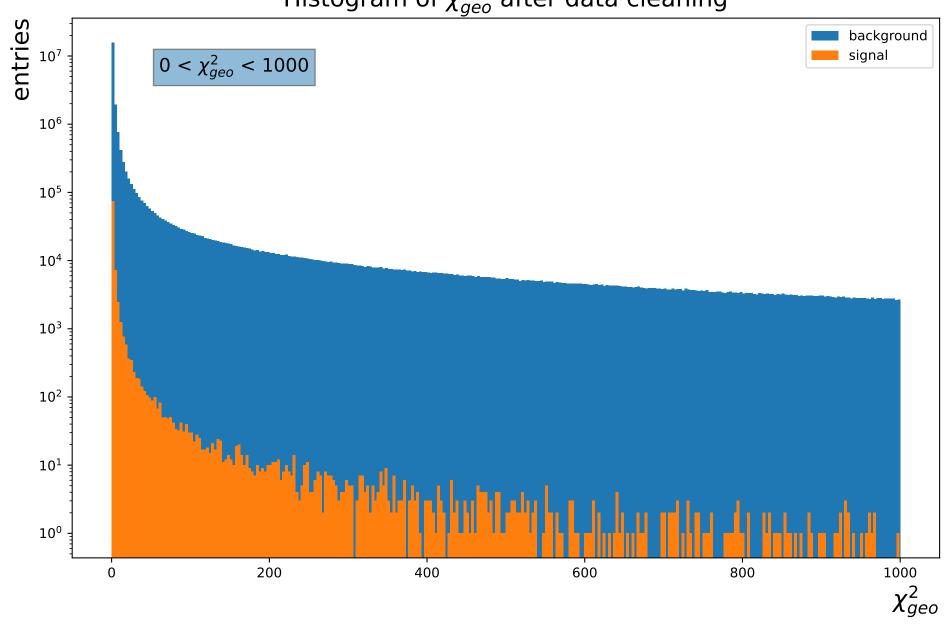
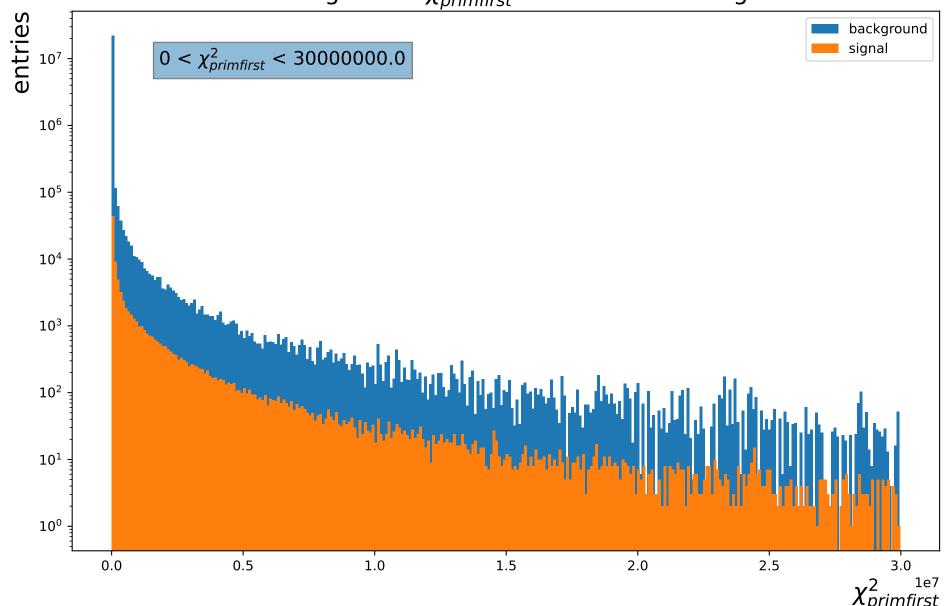
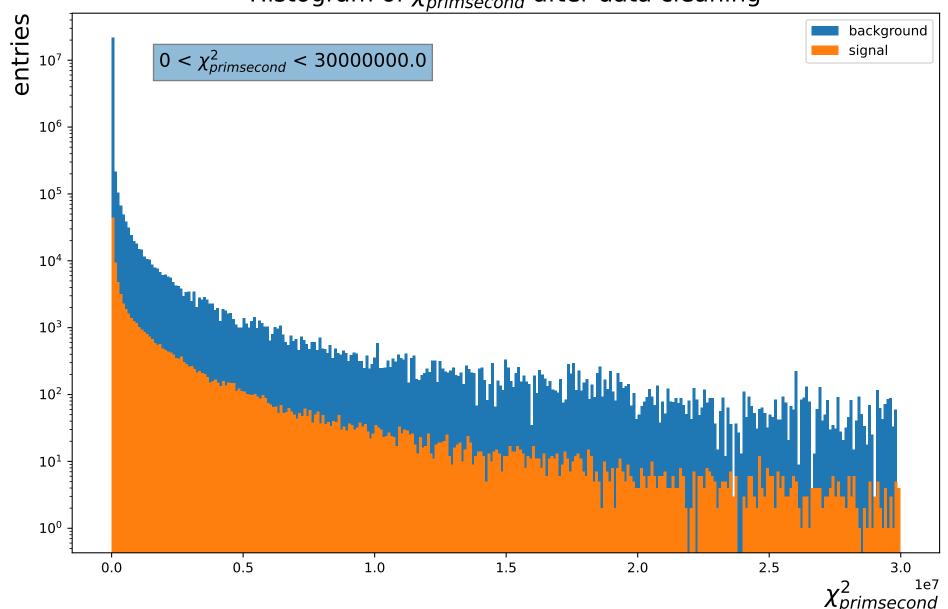
Histogram of  $\chi^2_{geo}$  after data cleaning



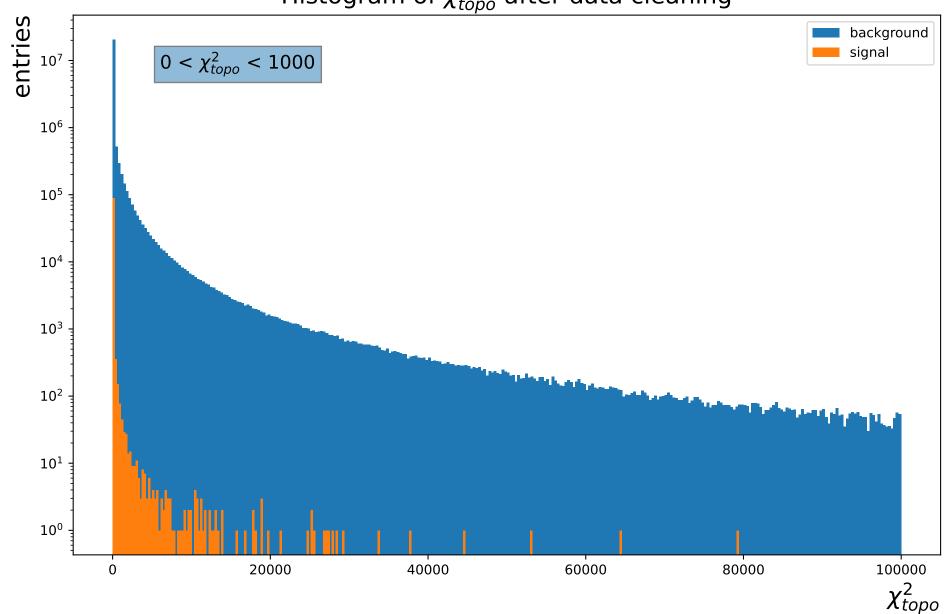
Histogram of  $\chi^2_{primfirst}$  after data cleaning



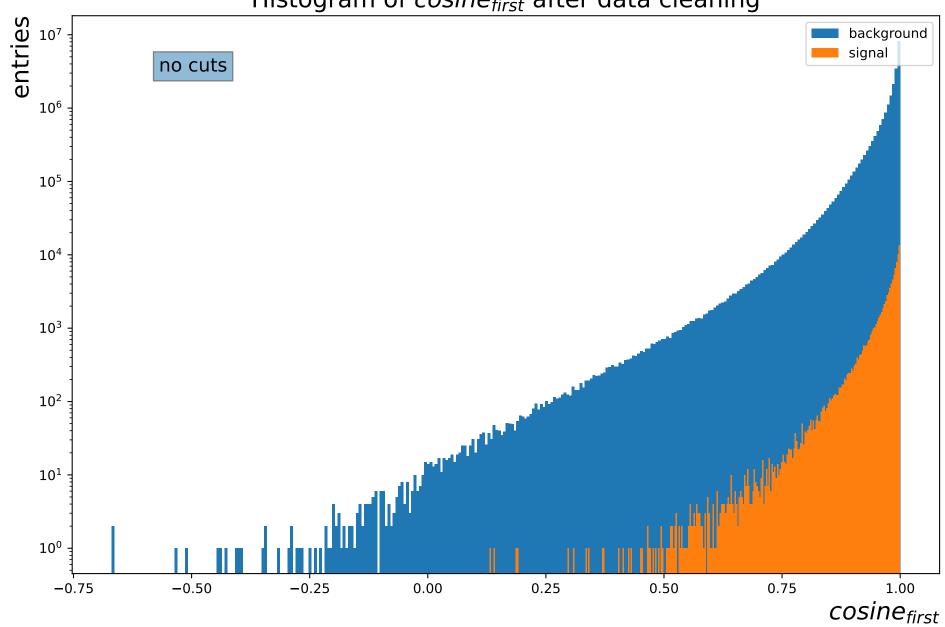
Histogram of  $\chi^2_{primsecond}$  after data cleaning



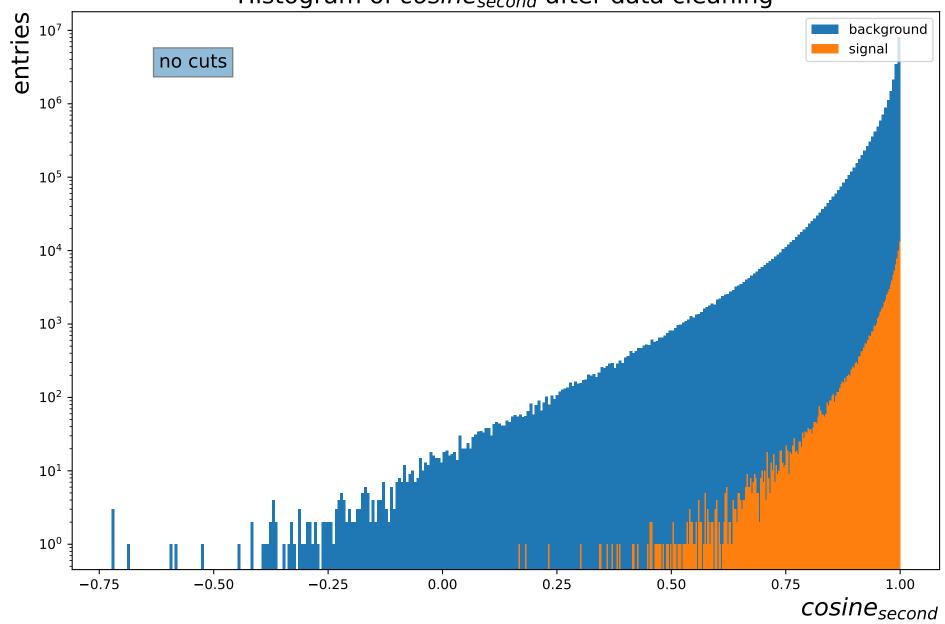
Histogram of  $\chi^2_{topo}$  after data cleaning



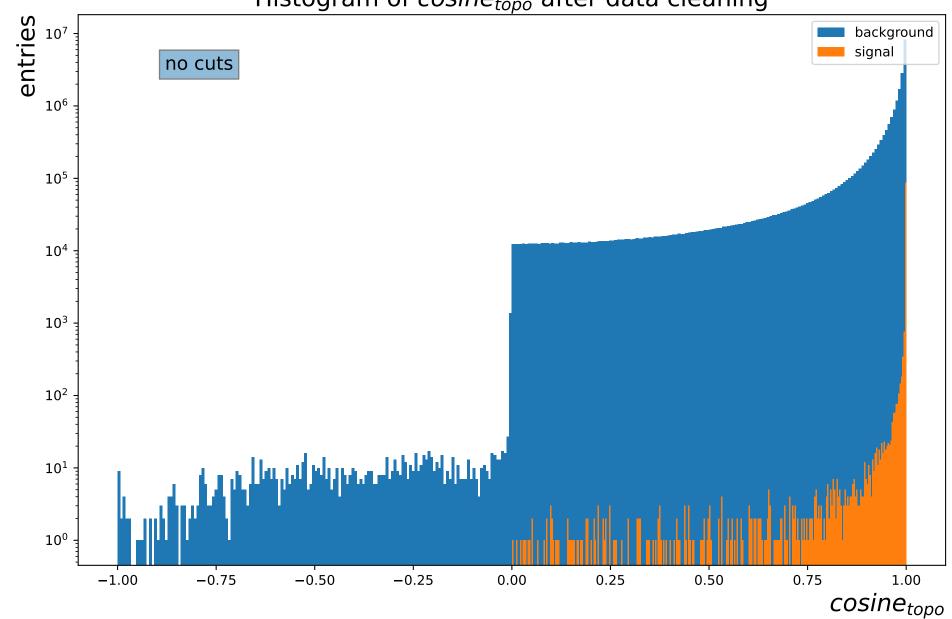
Histogram of cosine first after data cleaning



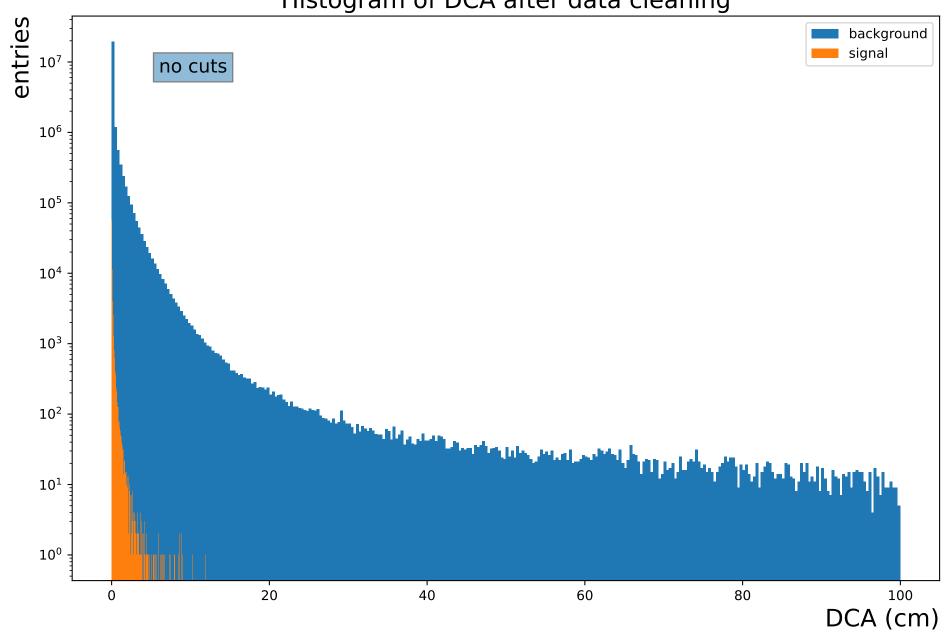
Histogram of cosine second after data cleaning



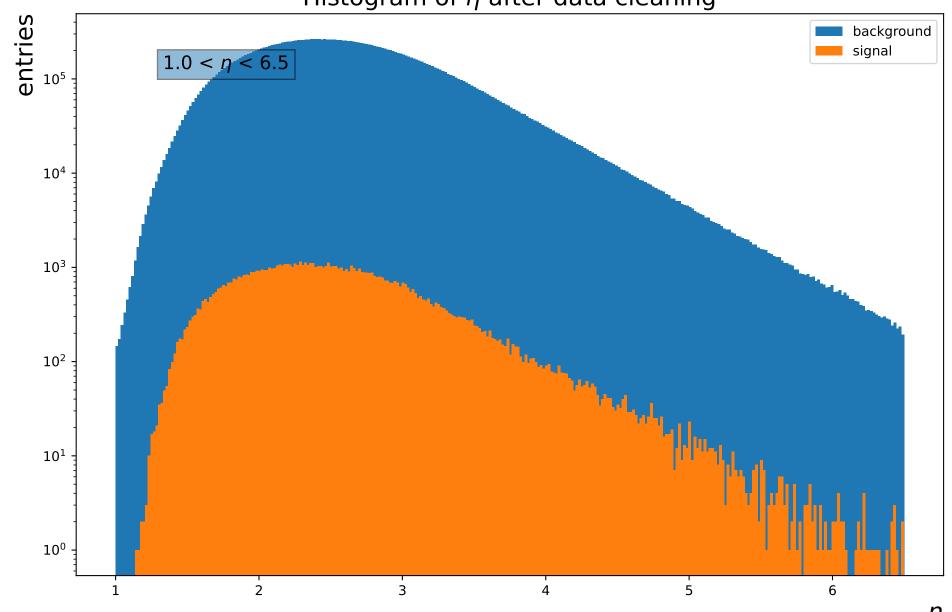
Histogram of  $cosine_{topo}$  after data cleaning



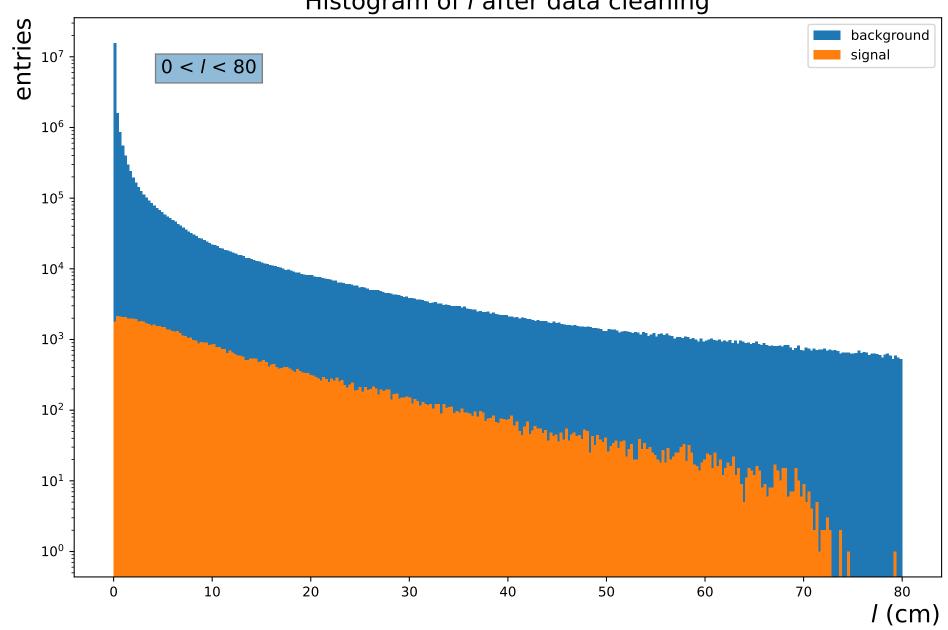
Histogram of DCA after data cleaning



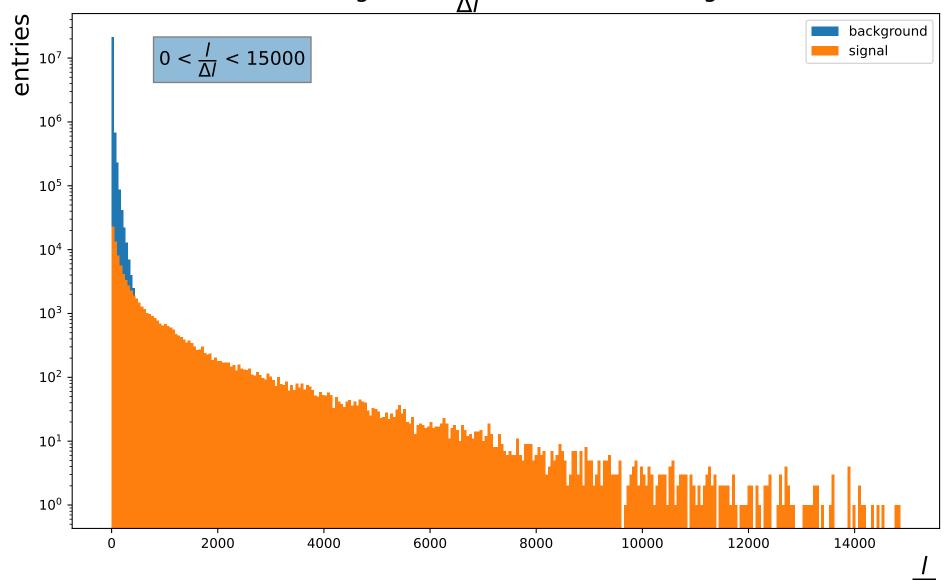
Histogram of  $\eta$  after data cleaning



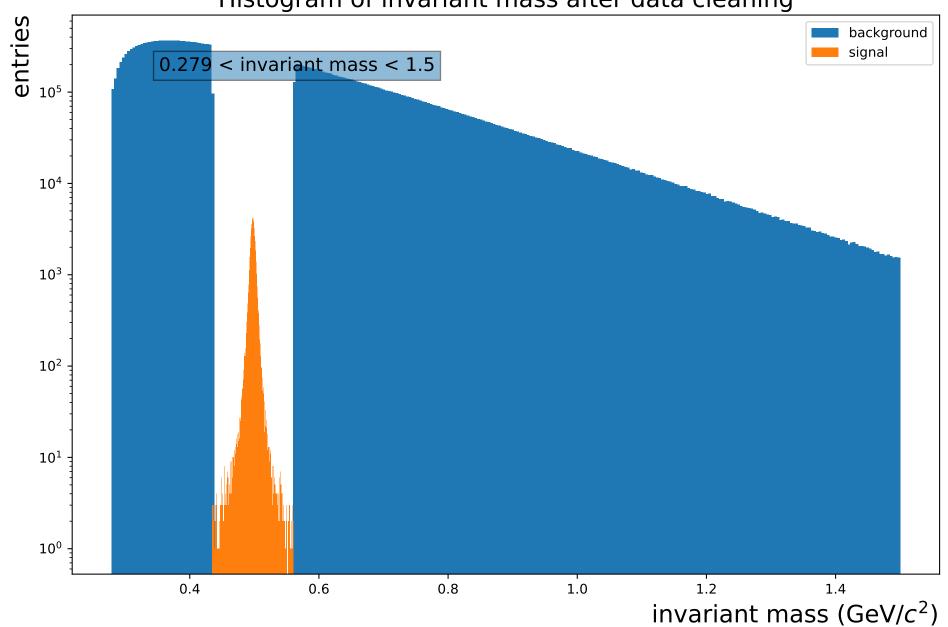
Histogram of I after data cleaning



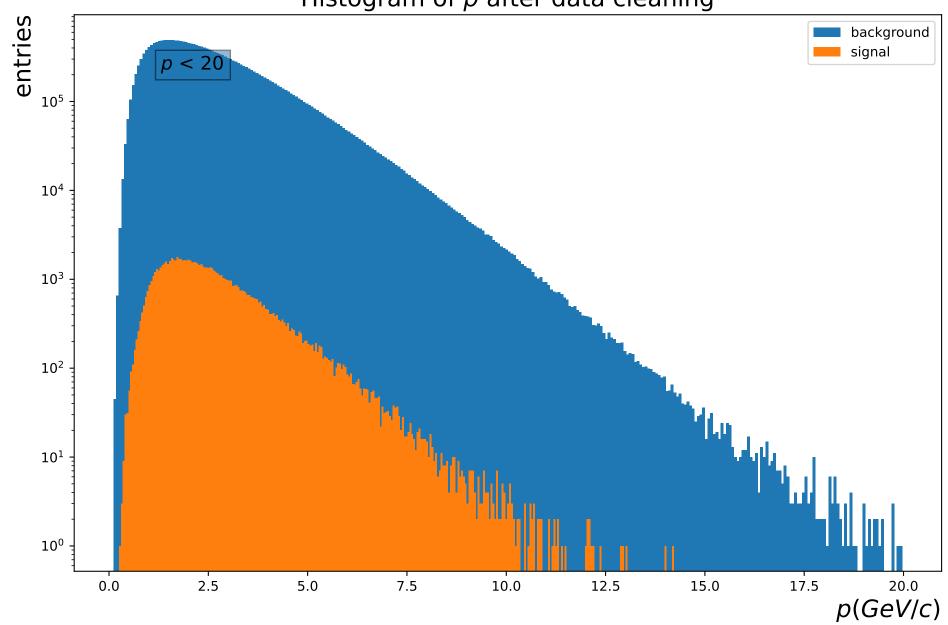
Histogram of  $\frac{I}{\Lambda I}$  after data cleaning



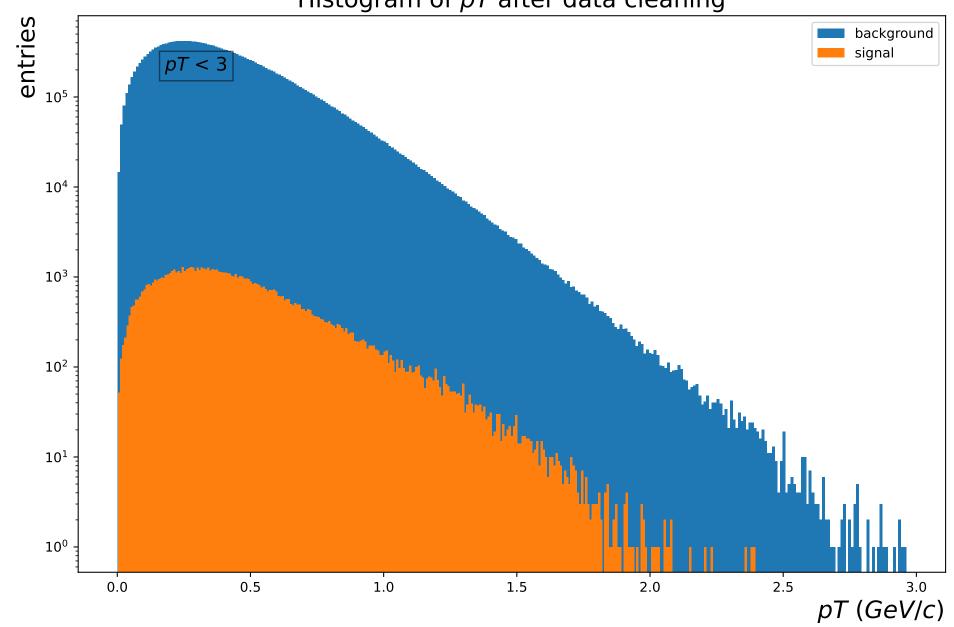
Histogram of invariant mass after data cleaning



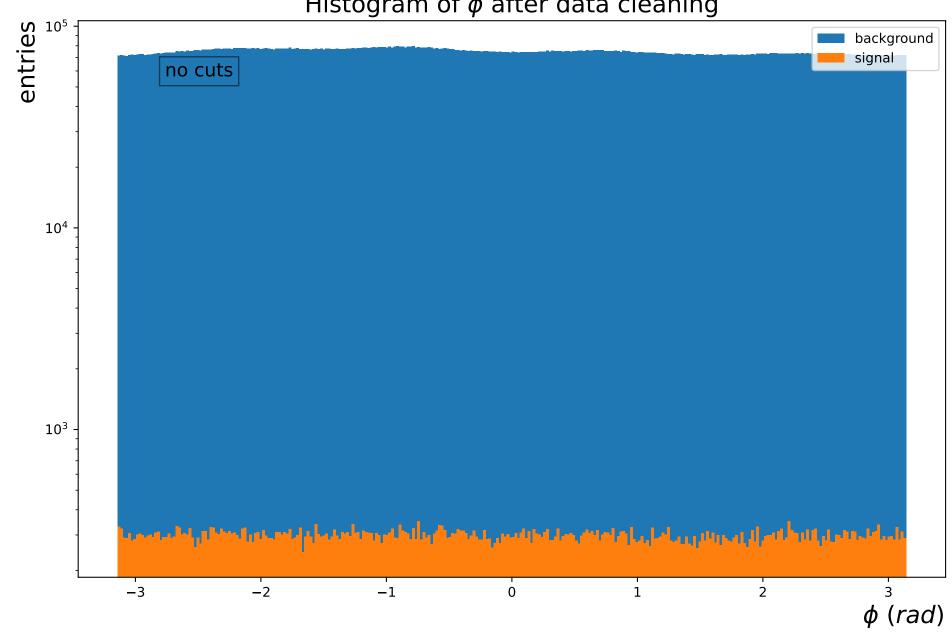
Histogram of p after data cleaning



Histogram of pT after data cleaning



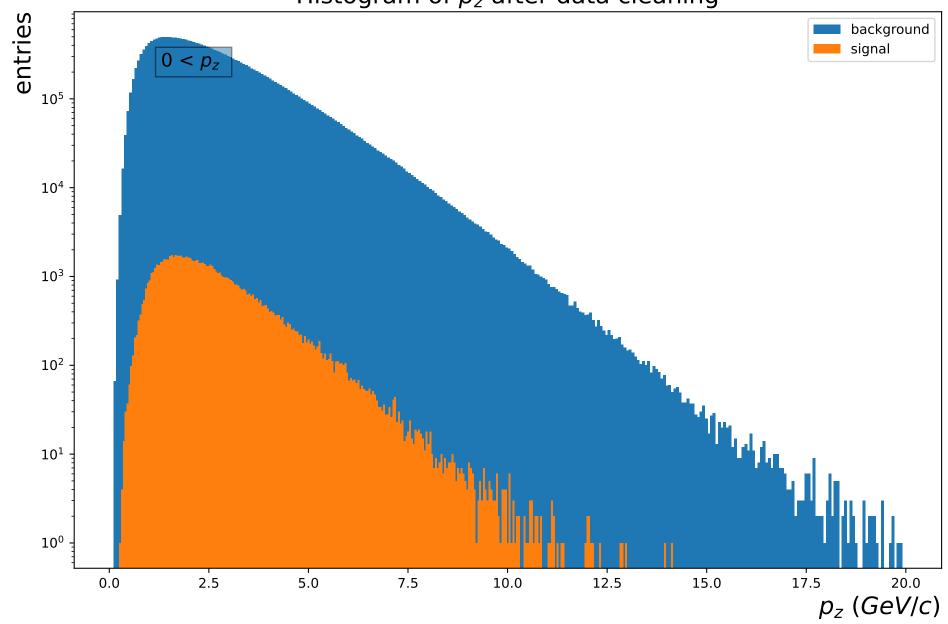
Histogram of  $\phi$  after data cleaning



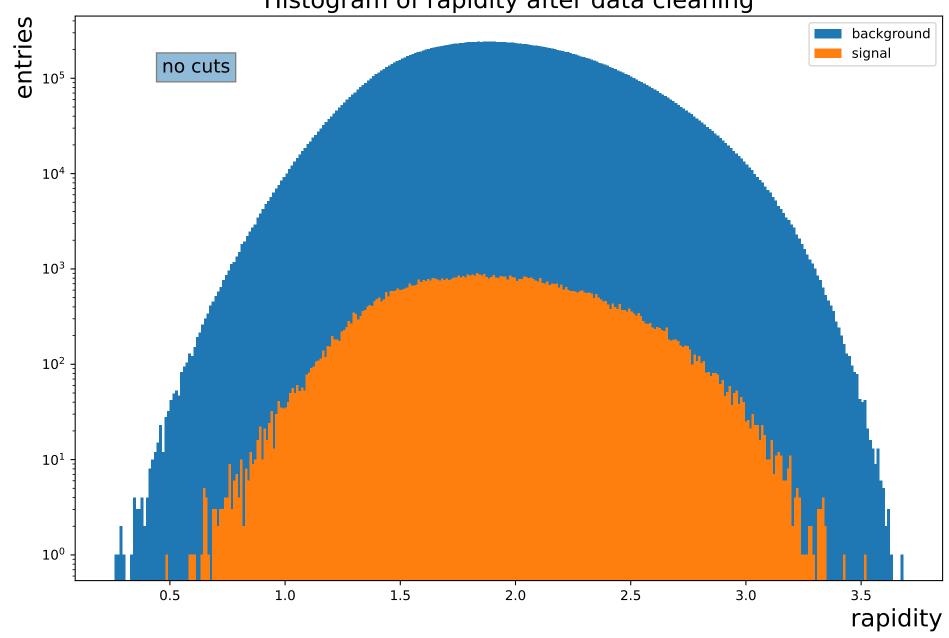
Histogram of  $p_x$  after data cleaning entries 106 . background signal no cuts 10<sup>5</sup> - $10^{4}$ 10<sup>3</sup> 10<sup>2</sup> = 10<sup>1</sup> 10<sup>0</sup> ò  $p_X$  (GeV/c)

Histogram of  $p_y$  after data cleaning entries 106 background signal no cuts 10<sup>5</sup> 104 10<sup>3</sup> 10<sup>2</sup> 10<sup>1</sup> - $10^{0}$ -1 Ó  $p_y$  (GeV/c) \_ \_3 1

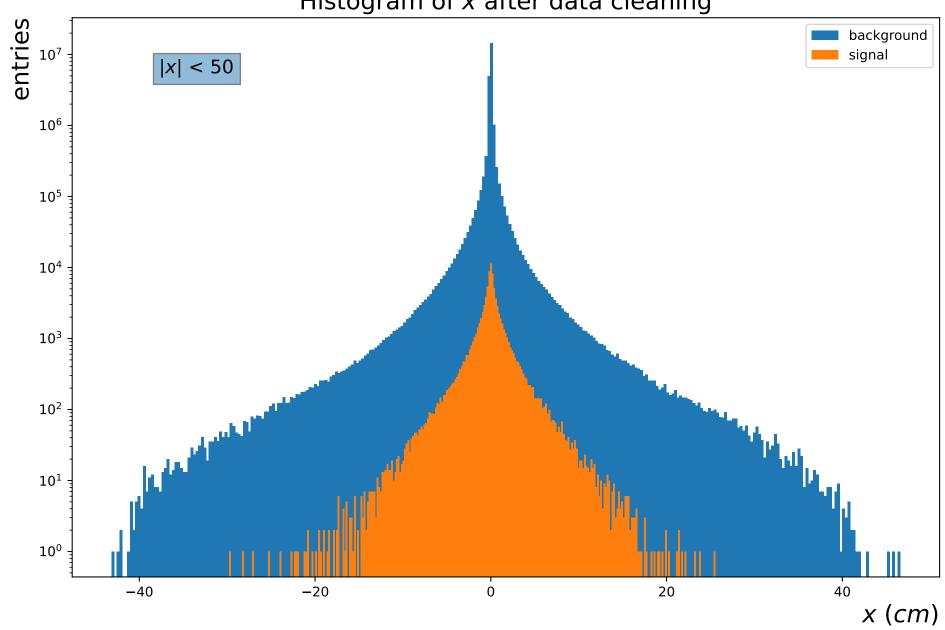
Histogram of  $p_z$  after data cleaning



Histogram of rapidity after data cleaning



Histogram of x after data cleaning



Histogram of y after data cleaning entries <sup>107</sup> background signal |y| < 50 $10^{6}$ 10<sup>5</sup>  $10^{4}$ 10<sup>3</sup> 10<sup>2</sup> 10<sup>1</sup> 10<sup>0</sup> 10 0 -10 20 30 -40 <del>-</del>30 <del>-</del>20 y (cm) Histogram of z after data cleaning

