Histogram of  $\frac{1}{\Lambda I}$  before data cleaning entries background  $10^{6}$ signal 10<sup>5</sup> 10<sup>4</sup> 10<sup>3</sup> 10<sup>2</sup> 10<sup>1</sup> 10<sup>0</sup> 0.25 0.75 1.00 0.50 1.50 1.25 1.75 2.00 invariant mass ( $GeV/c^2$ )