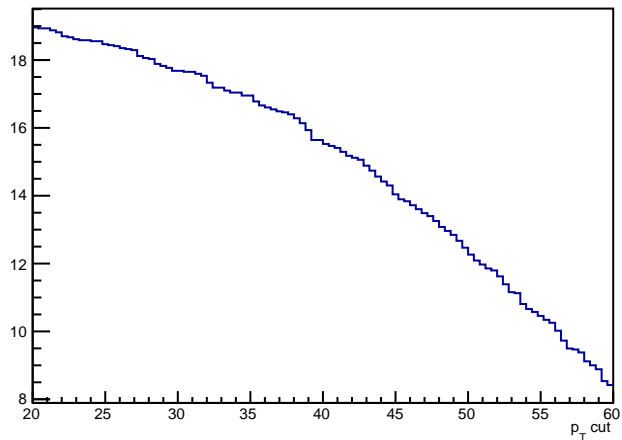
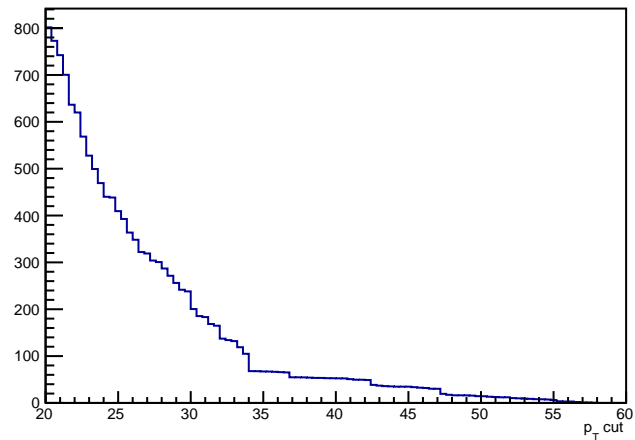


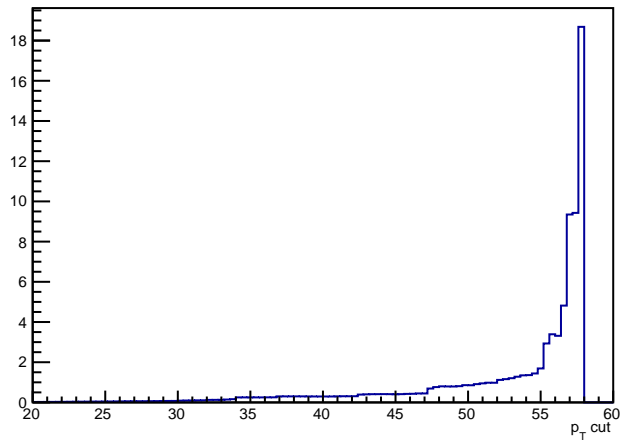
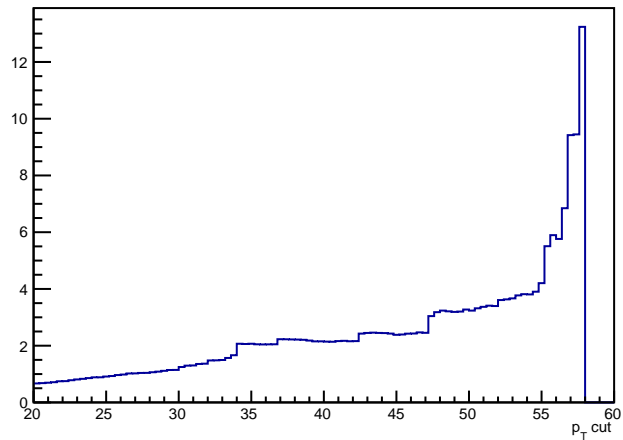
S: counts for signal



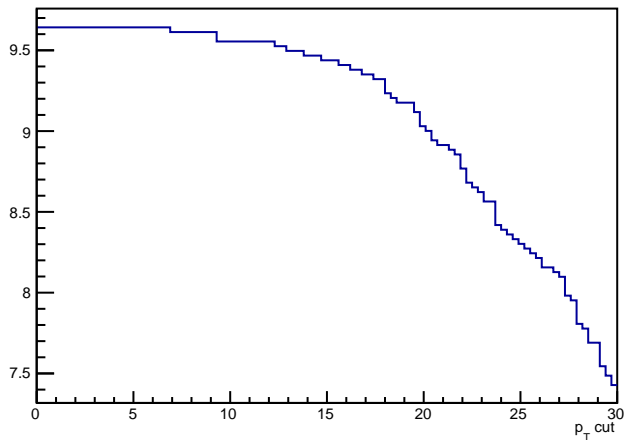
B: counts for bkg



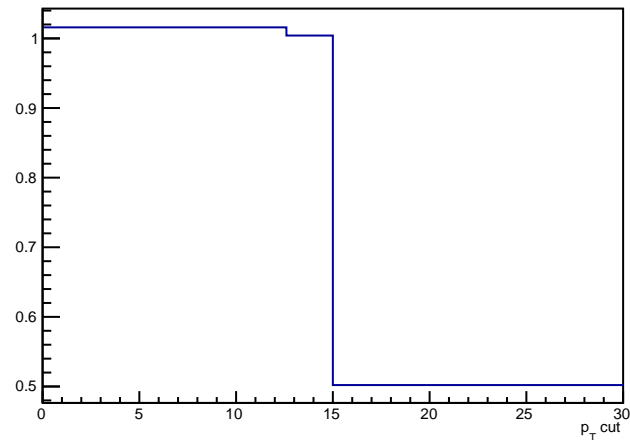
S/B

 S/\sqrt{B} 

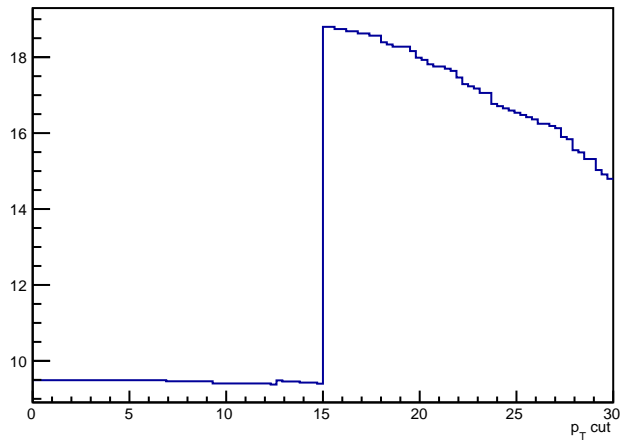
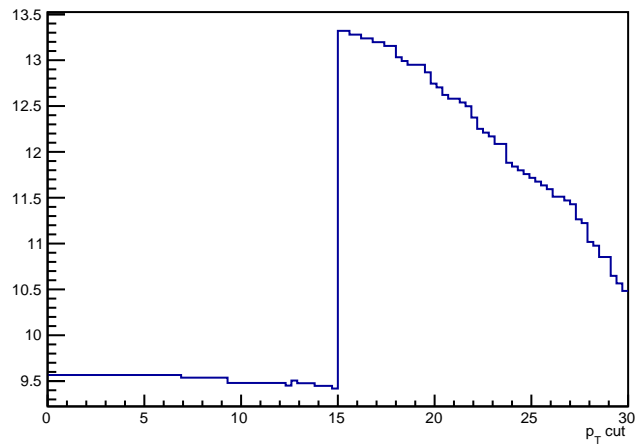
S: counts for signal



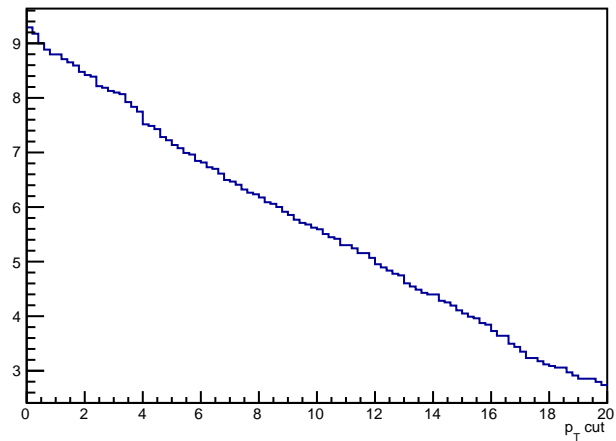
B: counts for bkg



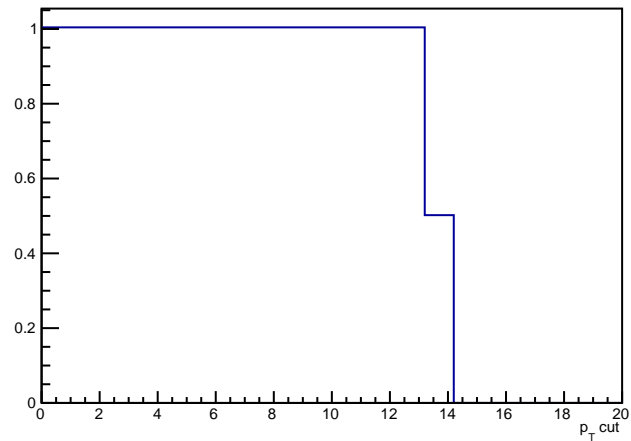
S/B

 S/\sqrt{B} 

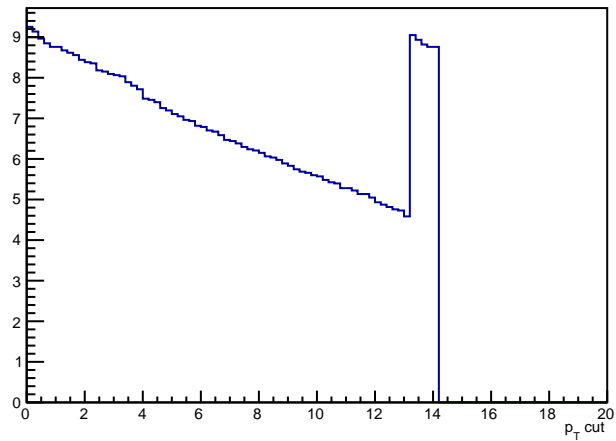
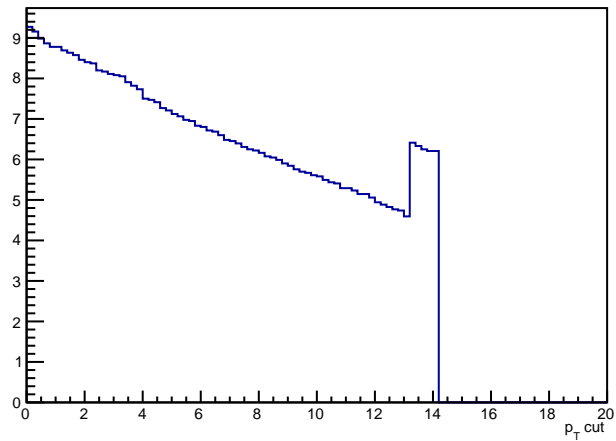
S: counts for signal



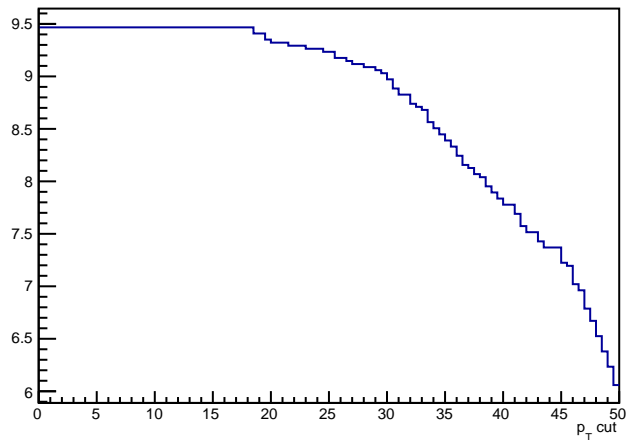
B: counts for bkg



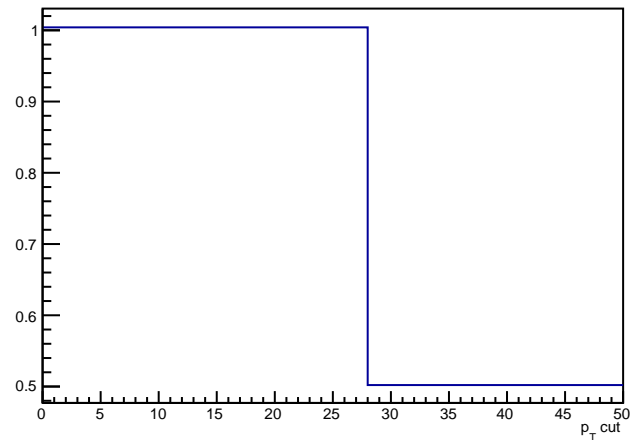
S/B

 S/\sqrt{B} 

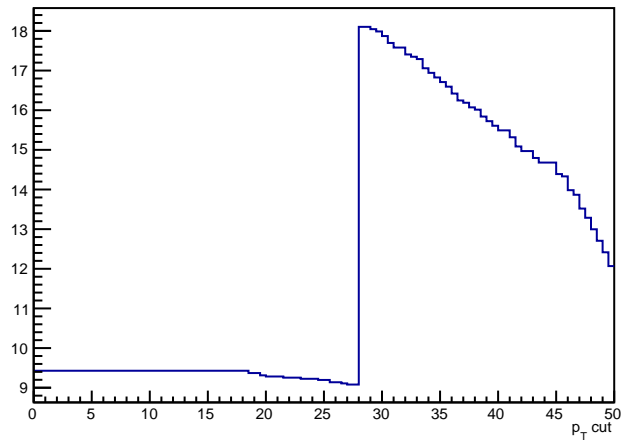
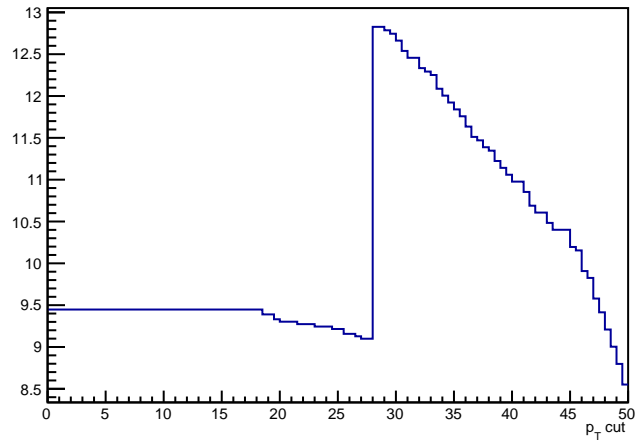
S: counts for signal



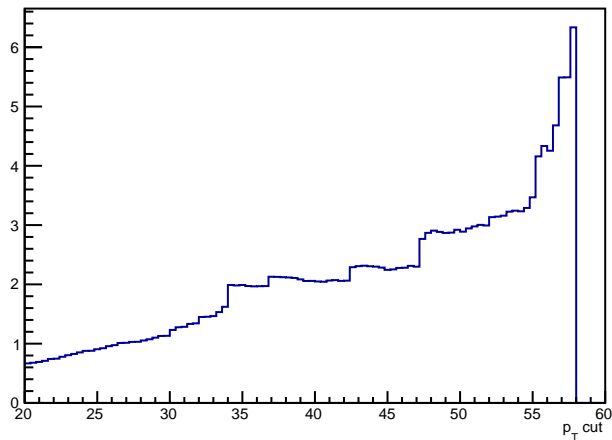
B: counts for bkg



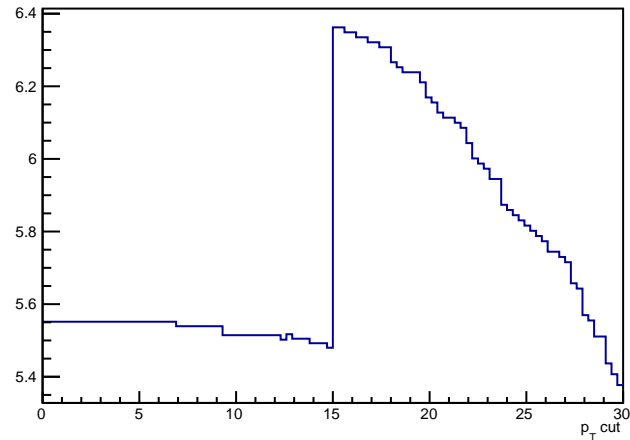
S/B

 S/\sqrt{B} 

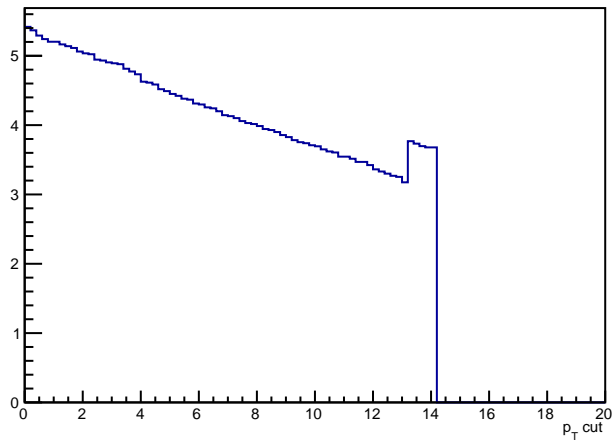
$$\sqrt{2N\#\log(1+S/B)-2S}$$



$$\sqrt{2N\#\log(1+S/B)-2S}$$



$$\sqrt{2N\#\log(1+S/B)-2S}$$



$$\sqrt{2N\#\log(1+S/B)-2S}$$

