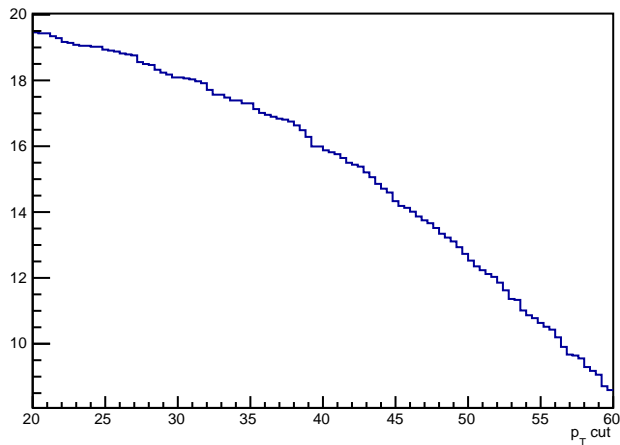
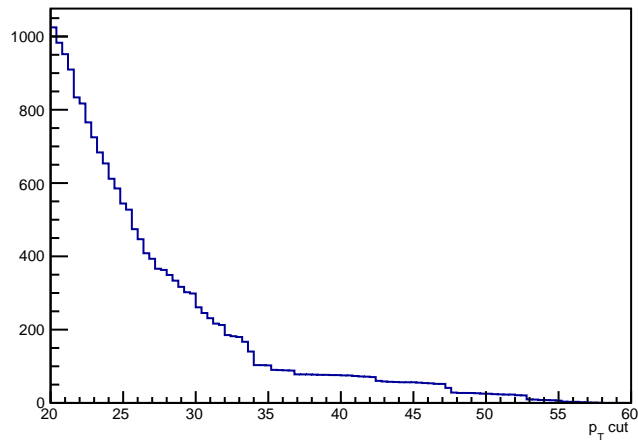


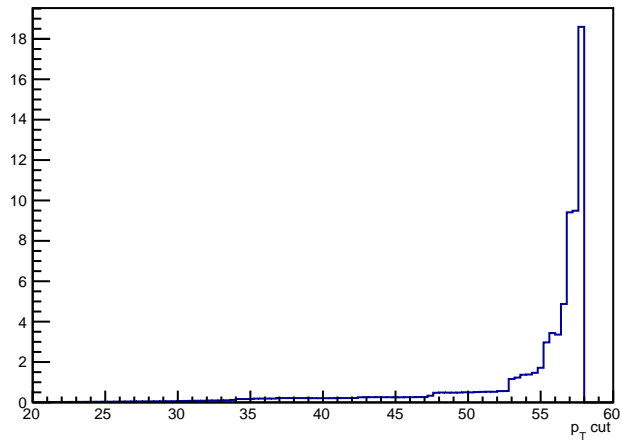
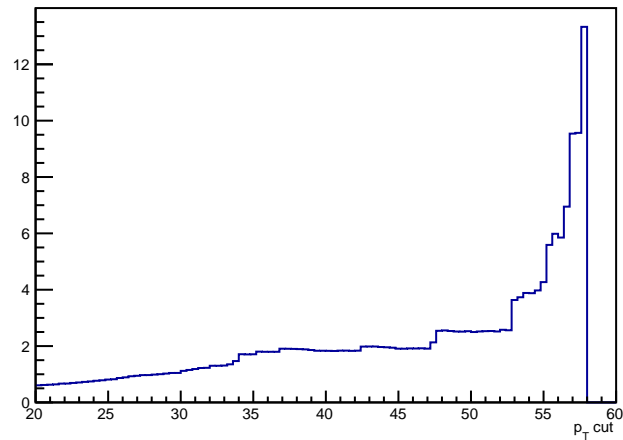
S: counts for signal



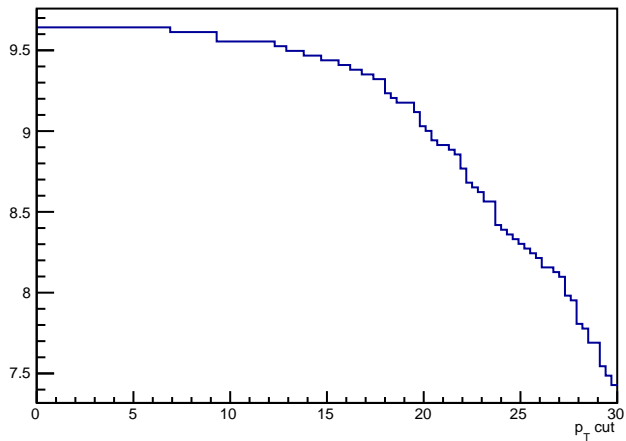
B: counts for bkg



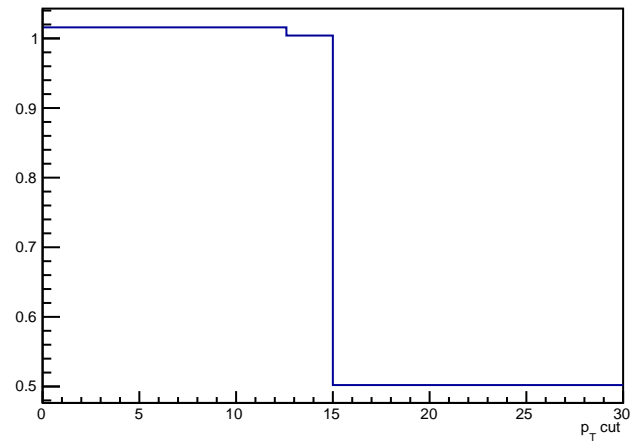
S/B

 $S/\sqrt{B}$ 

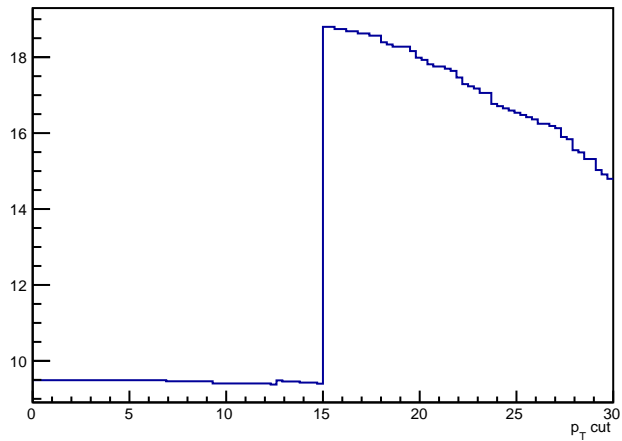
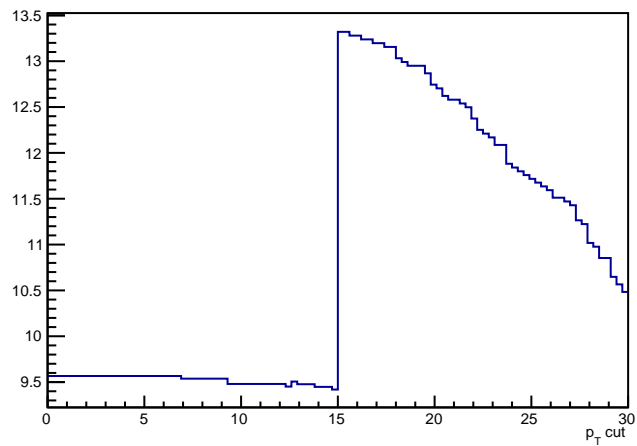
S: counts for signal



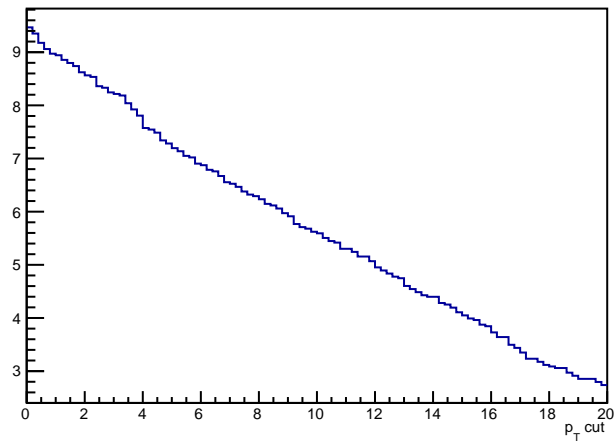
B: counts for bkg



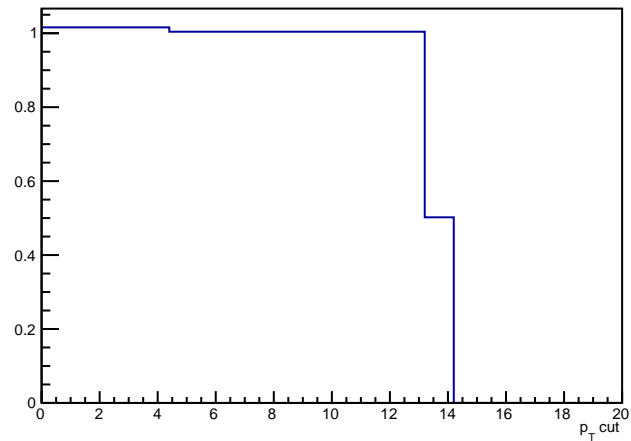
S/B

 $S/\sqrt{B}$ 

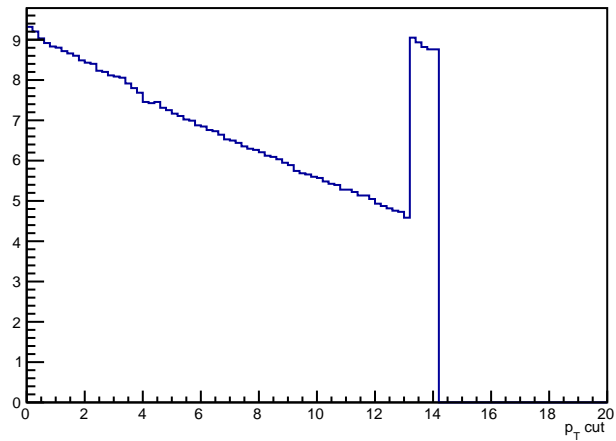
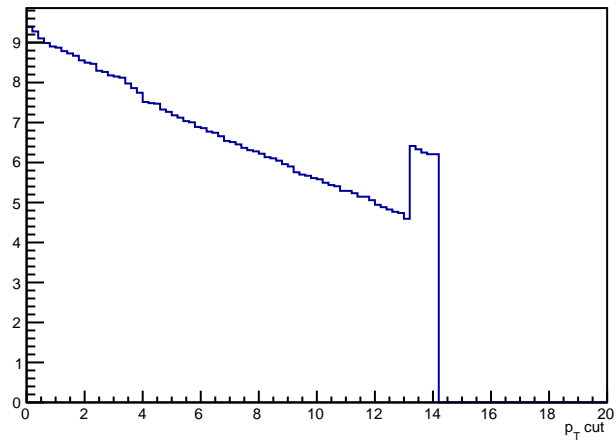
S: counts for signal



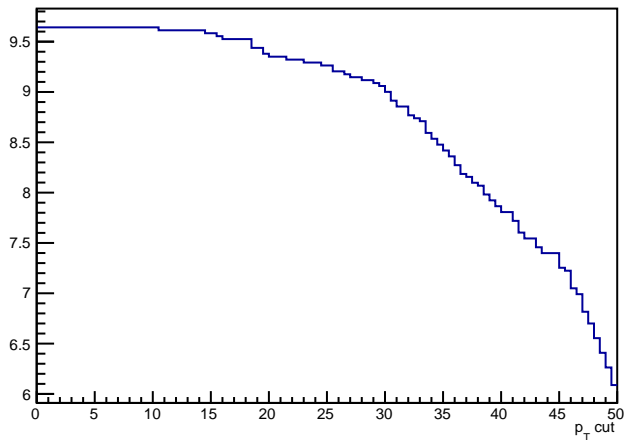
B: counts for bkg



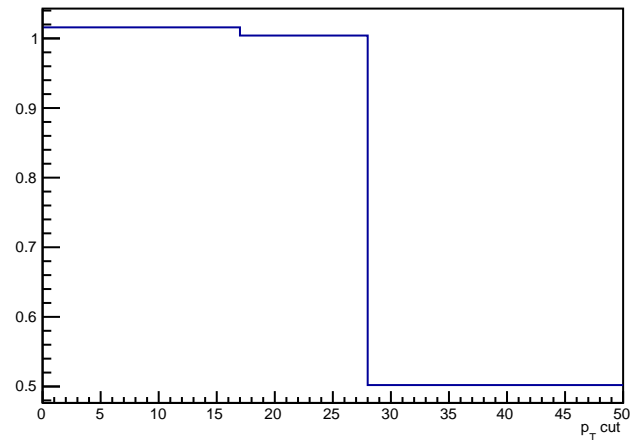
S/B

 $S/\sqrt{B}$ 

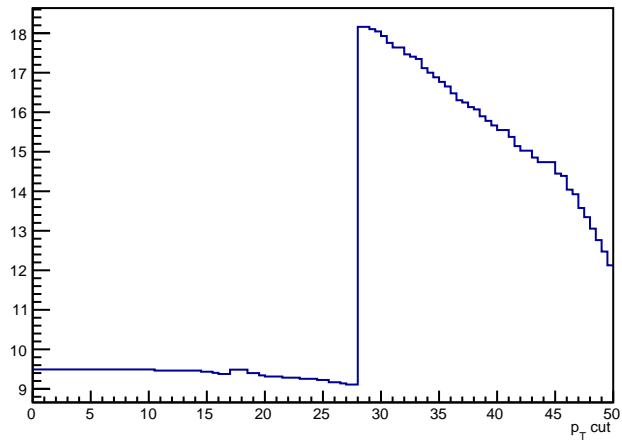
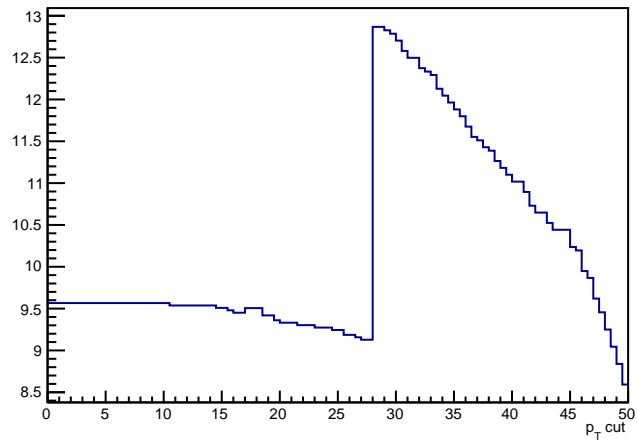
S: counts for signal



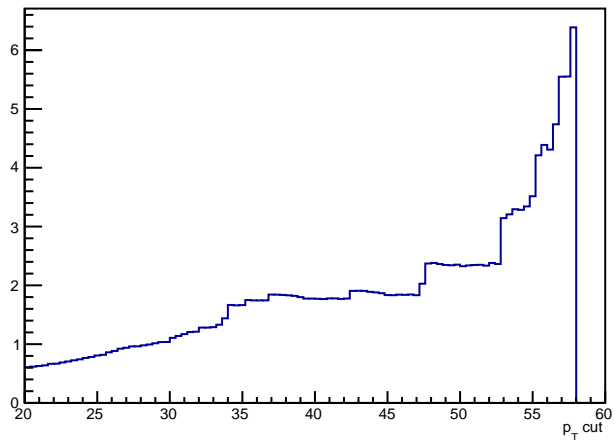
B: counts for bkg



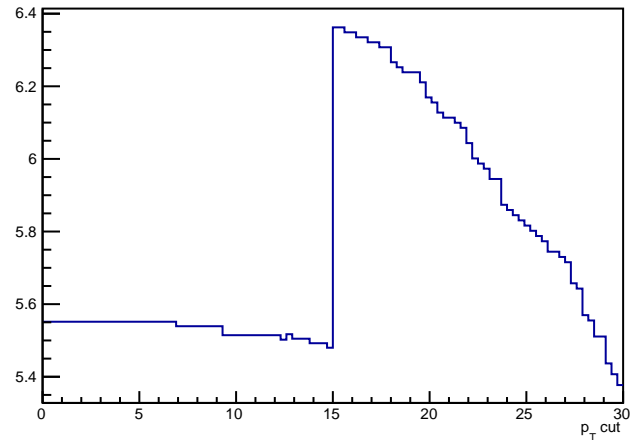
S/B

 $S/\sqrt{B}$ 

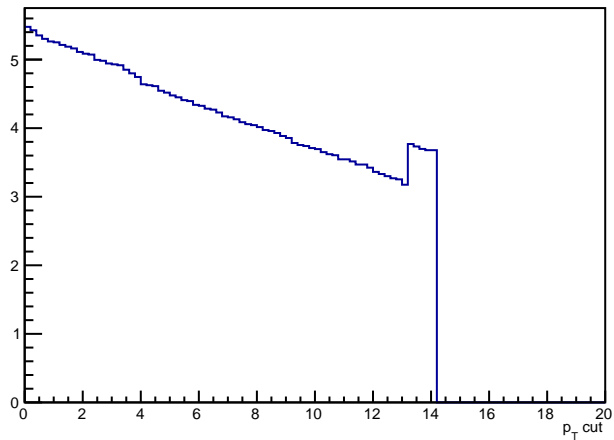
$$\sqrt{2N\log(1+S/B)-2S}$$



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



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



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

