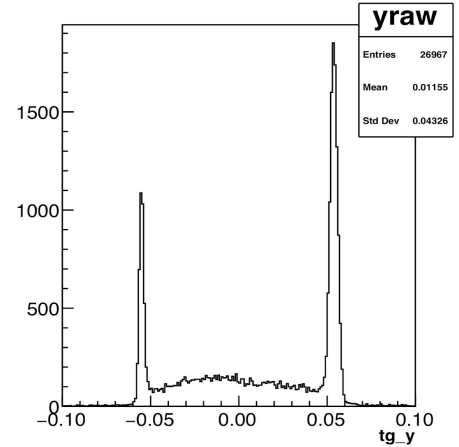
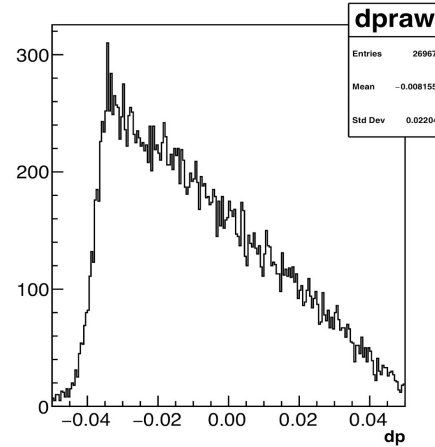
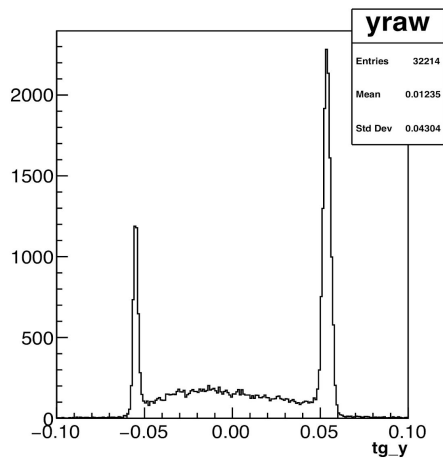
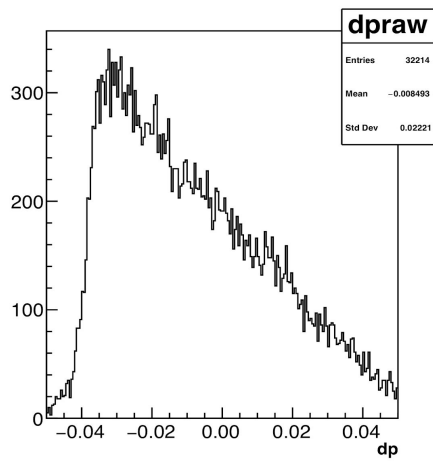
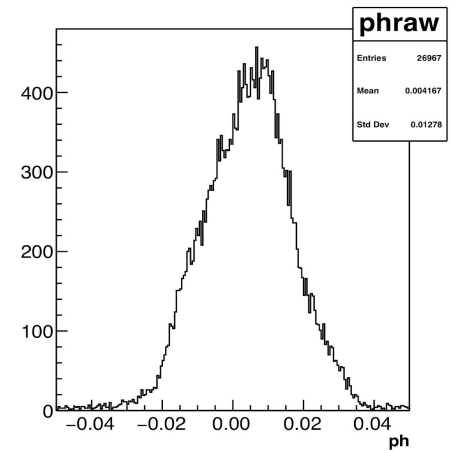
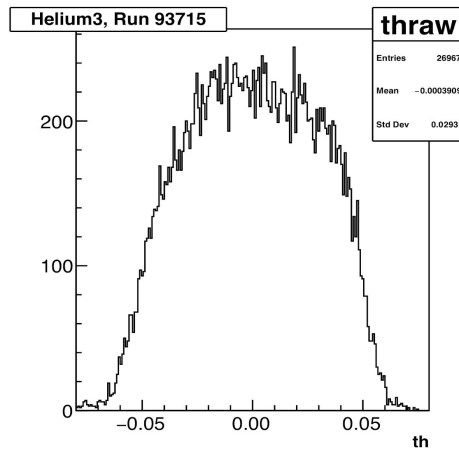
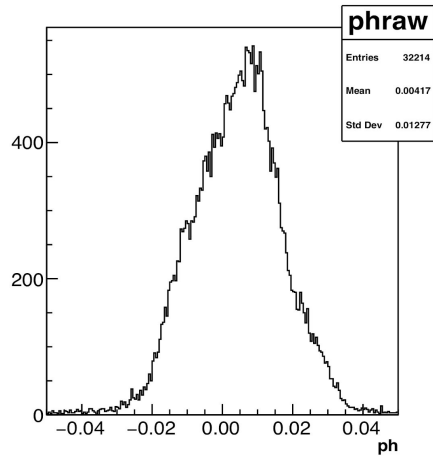
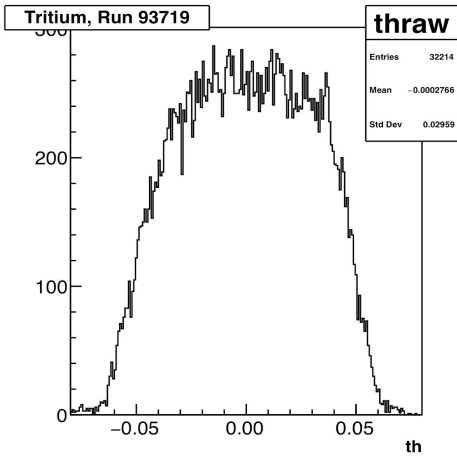


Kinematics Check

Nathaly

Check the Target Variables in each Run

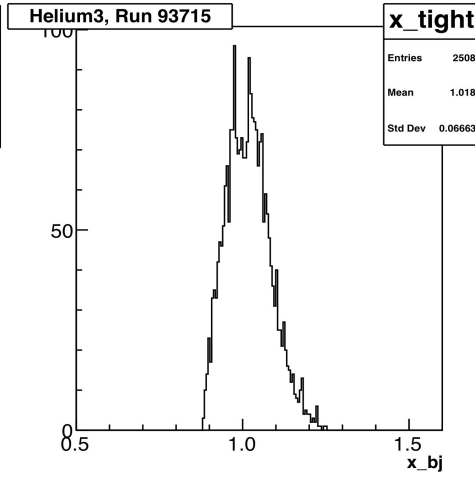
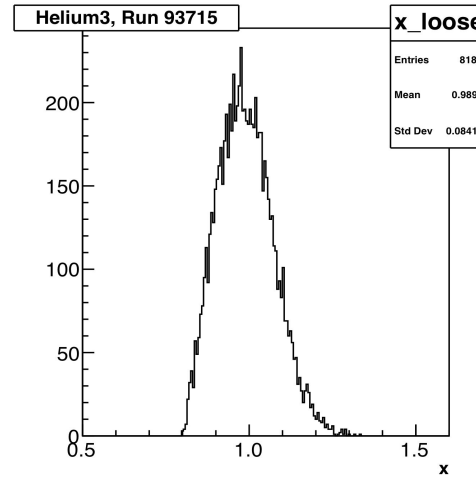
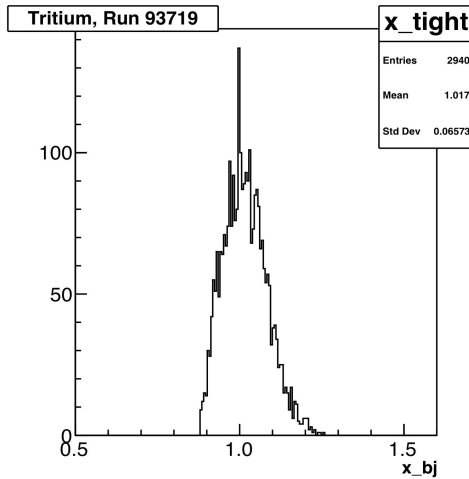
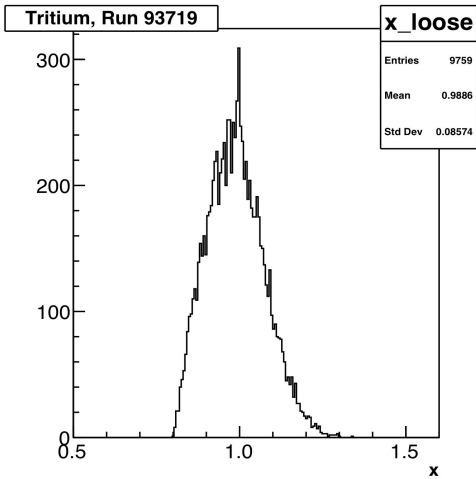


Tritium

R26-PK Example

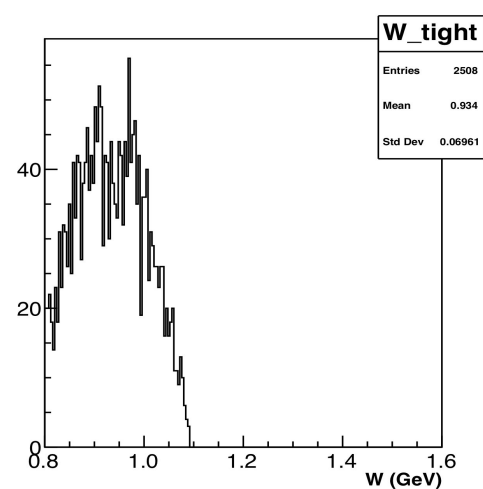
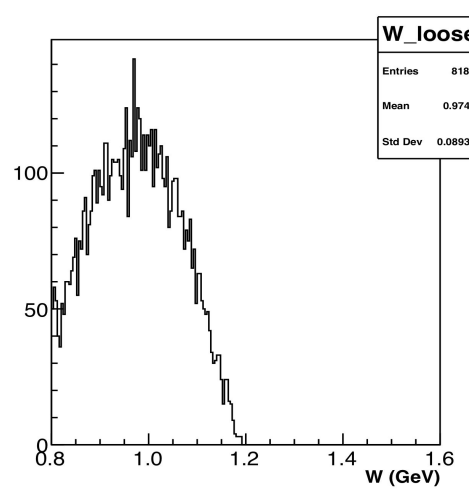
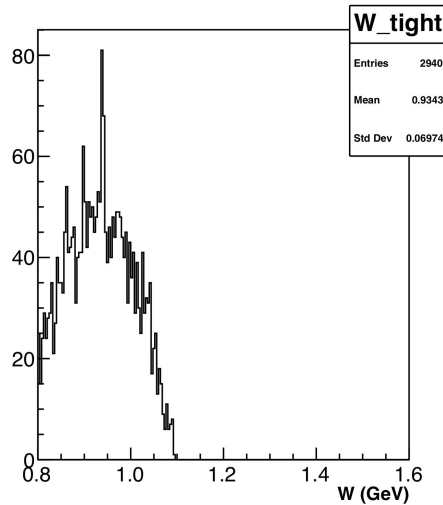
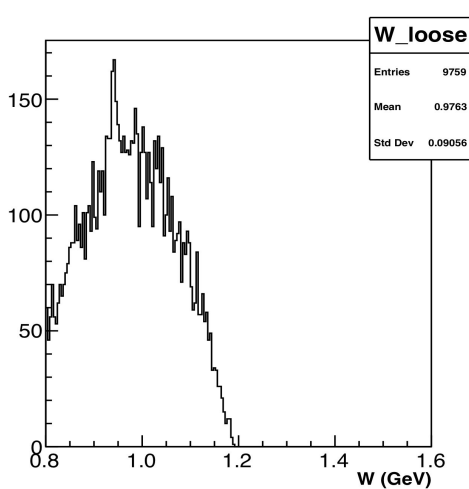
Helium3

Apply different cuts and check some physics variables

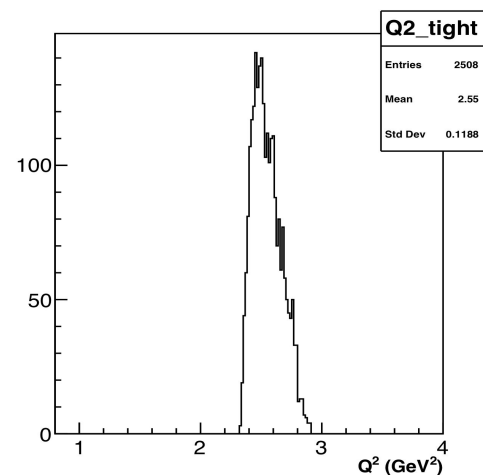
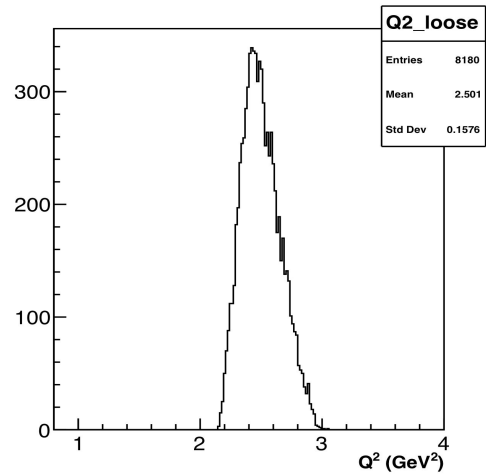
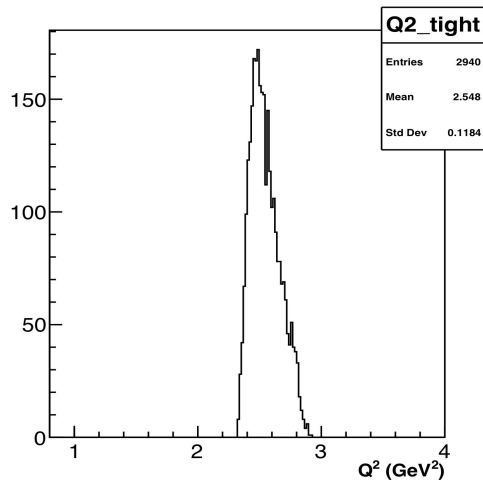
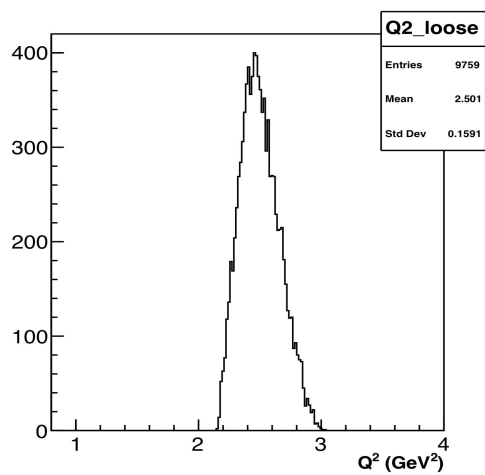


Tritium

Helium3

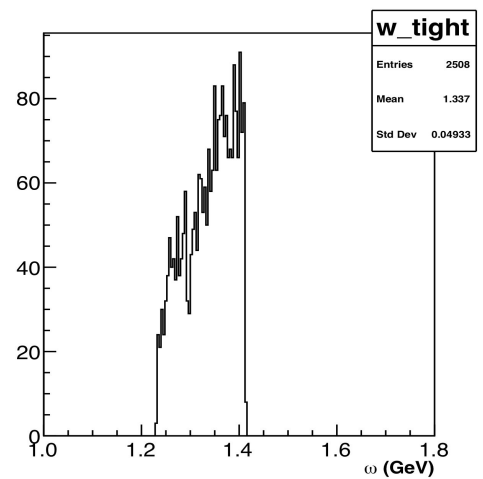
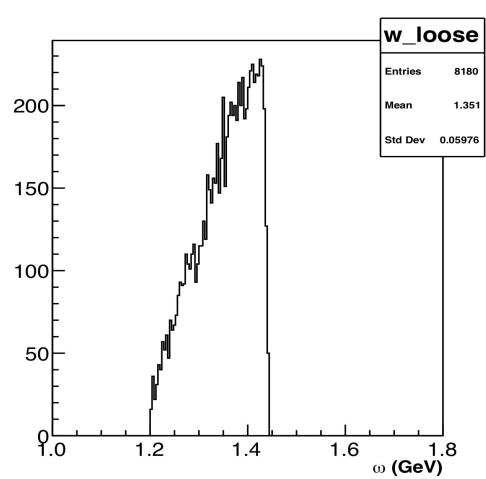
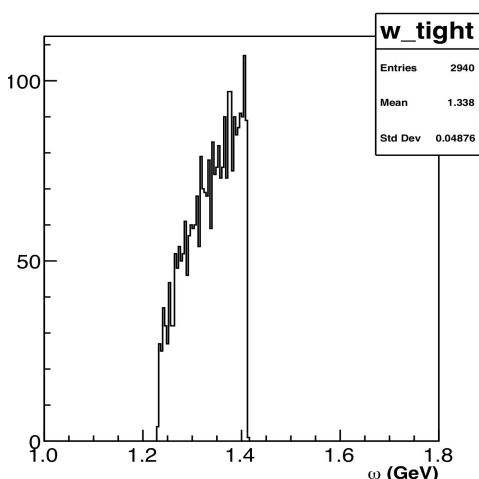
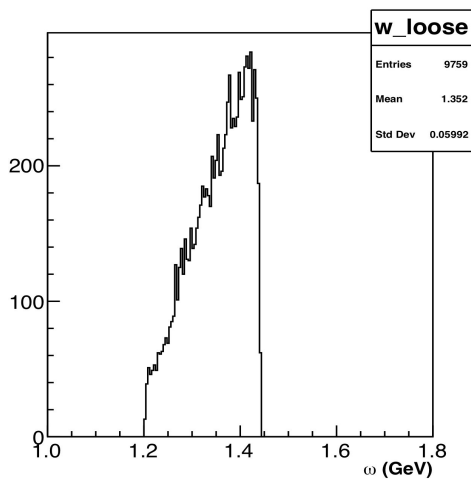


R26-PK Example



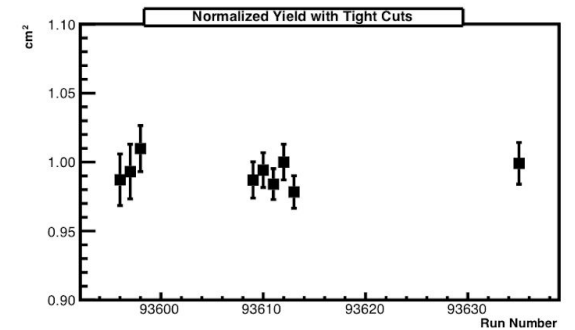
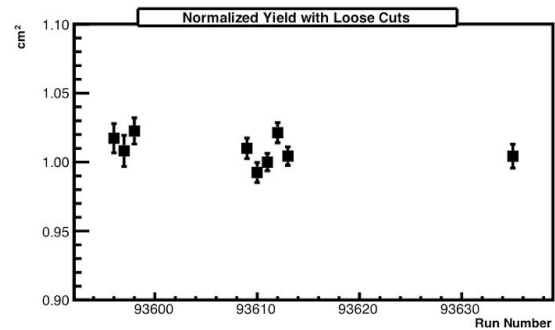
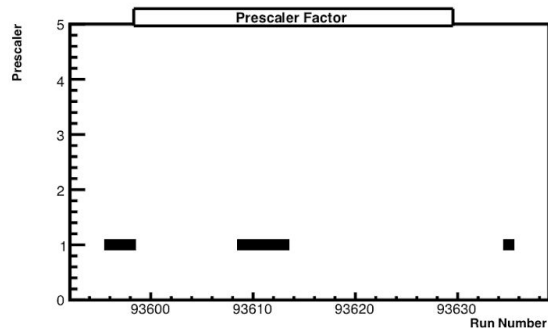
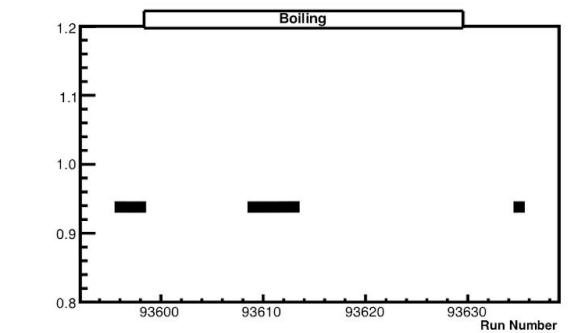
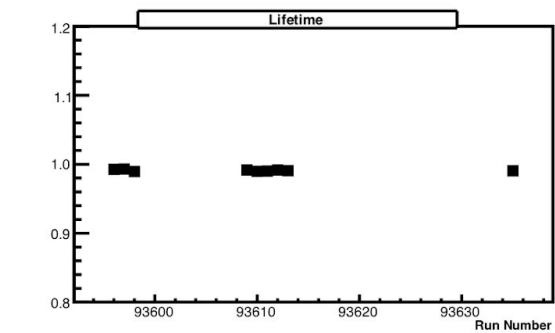
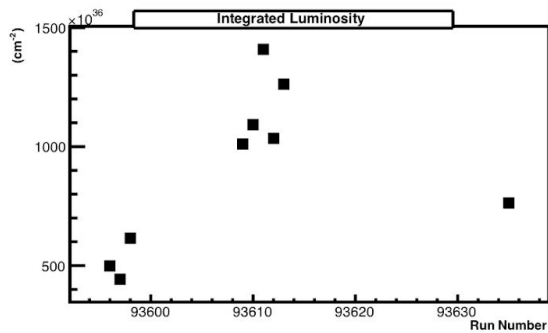
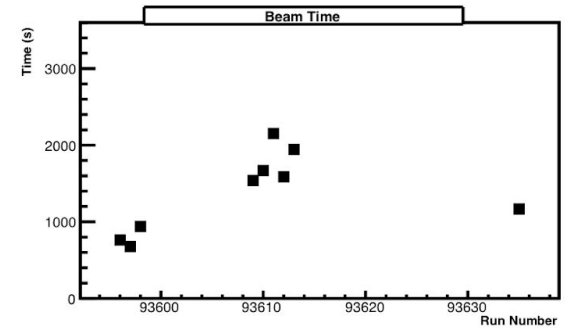
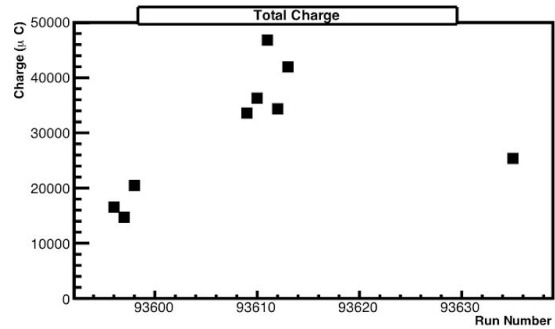
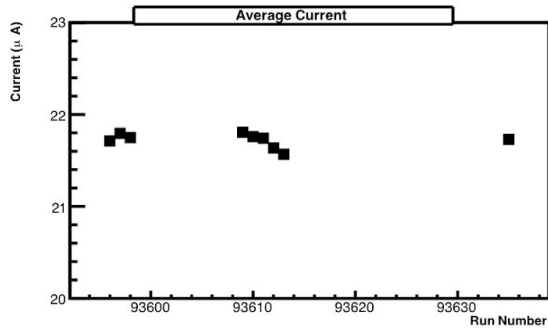
Tritium

Helium3



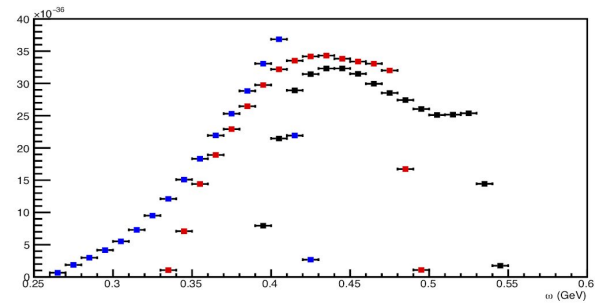
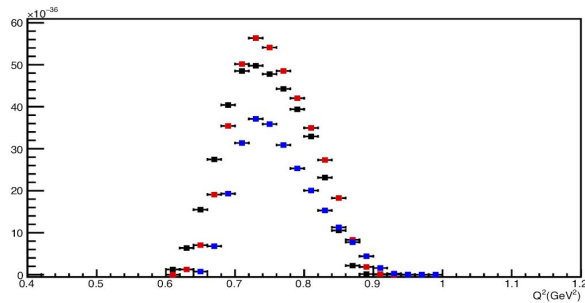
R26-PK Example

Briefly checking the runs and only taking runs with current >21 μA

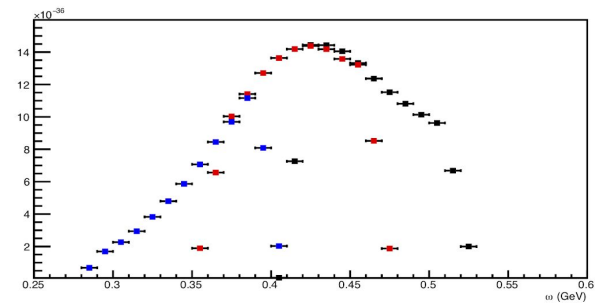
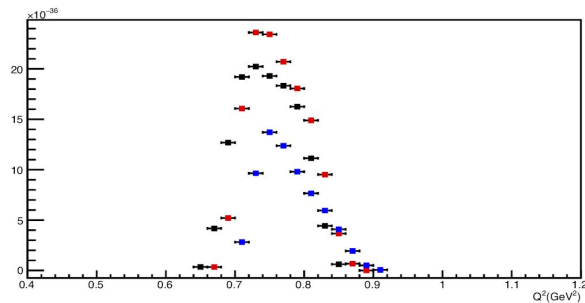
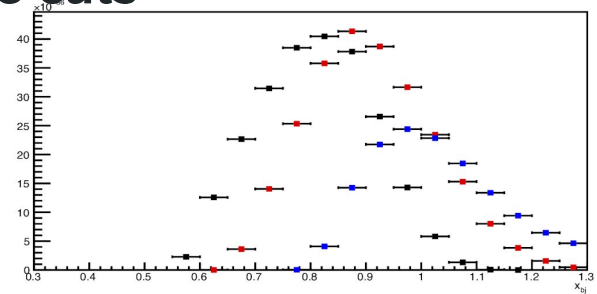
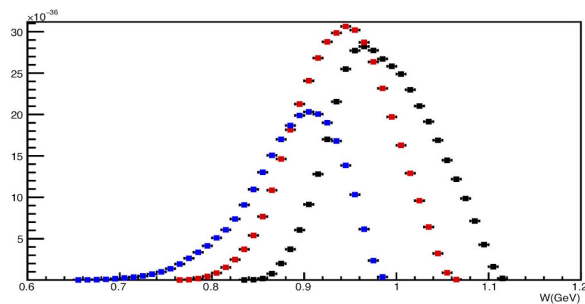


R26-PK Example

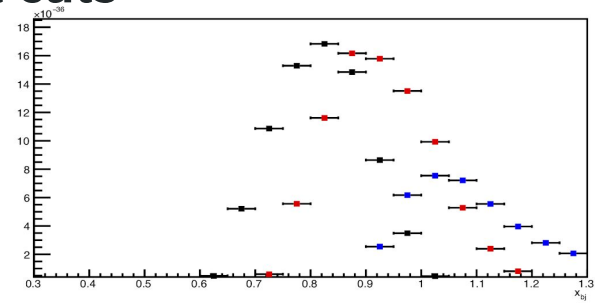
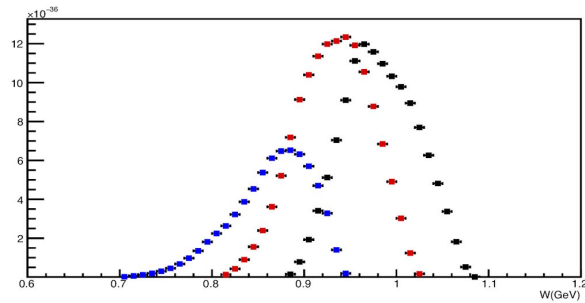
L26-Tritium Spring 2018



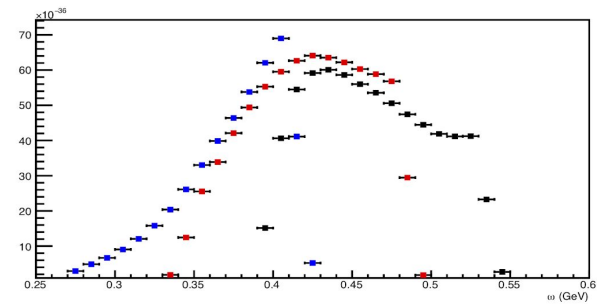
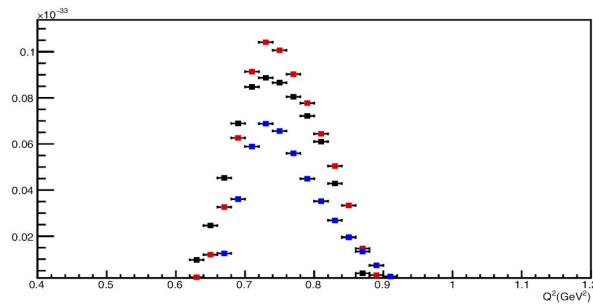
Loose cuts



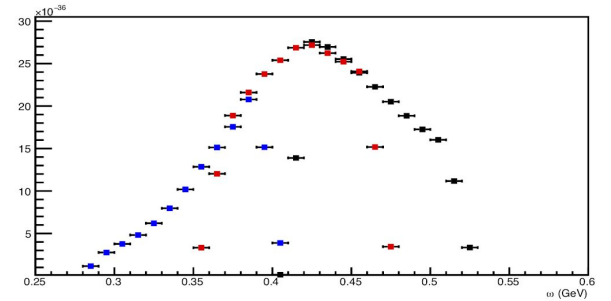
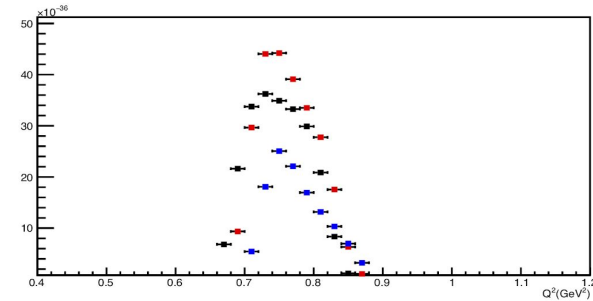
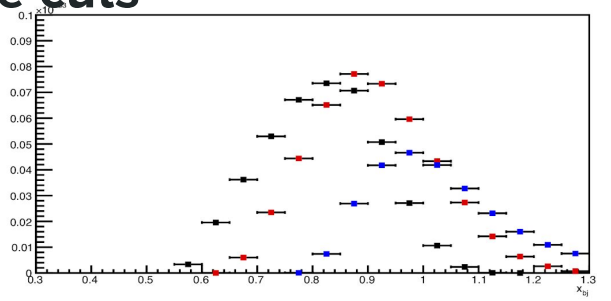
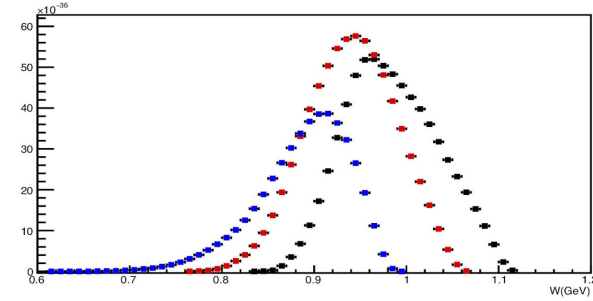
Tight cuts



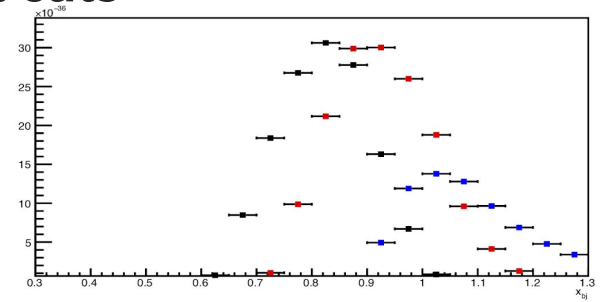
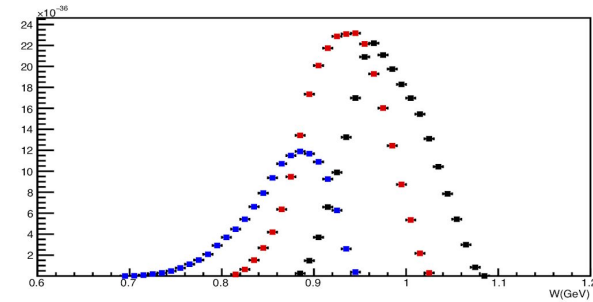
L26-Helium Spring 2018



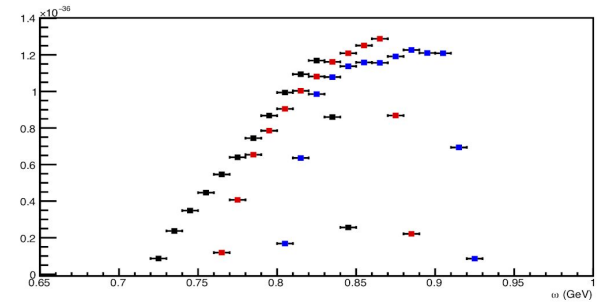
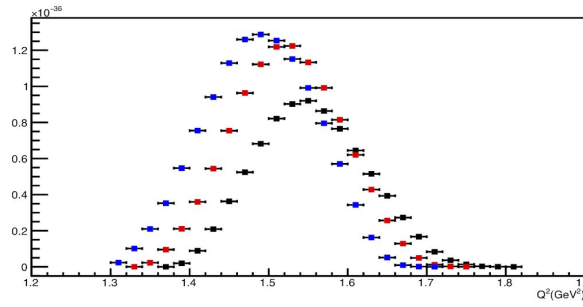
Loose cuts



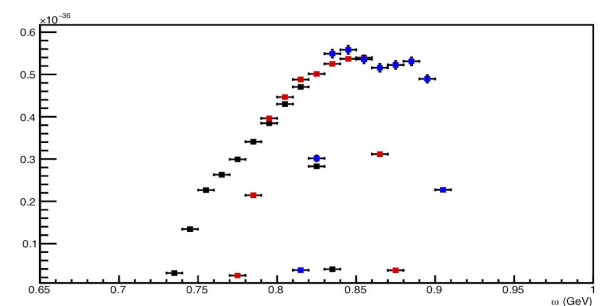
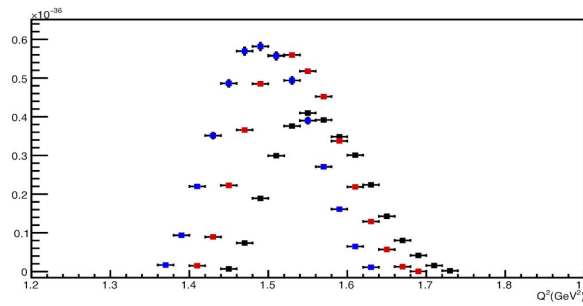
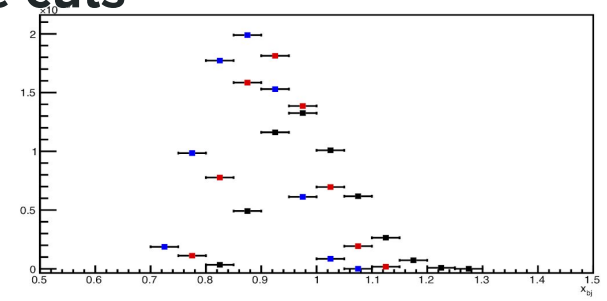
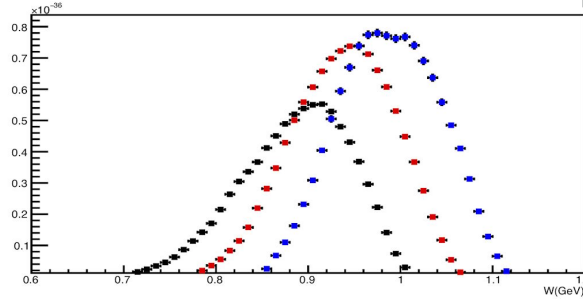
Tight cuts



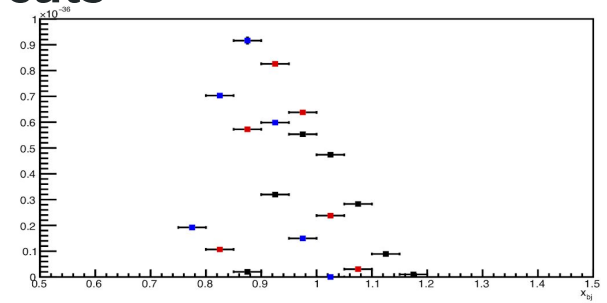
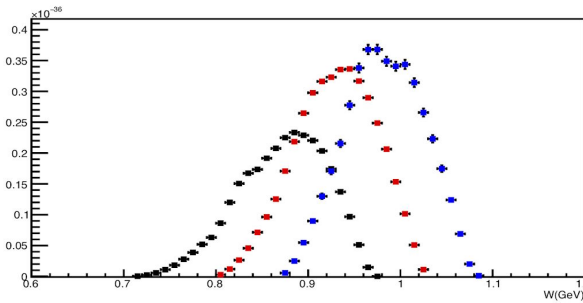
R42-Tritium Spring 2018



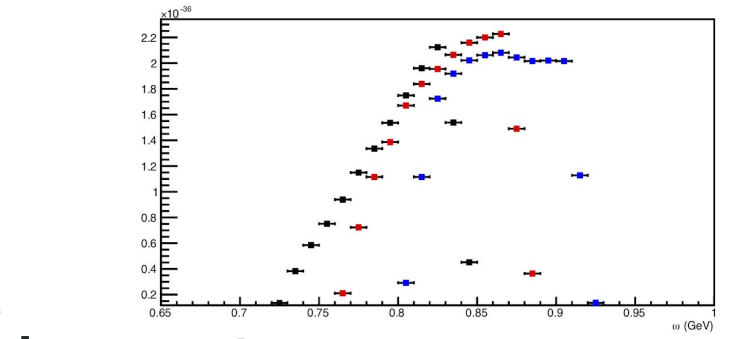
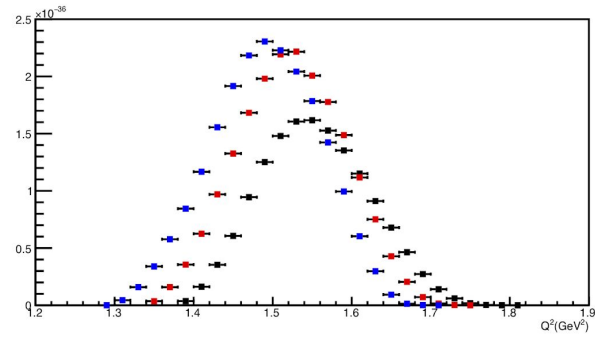
Loose cuts



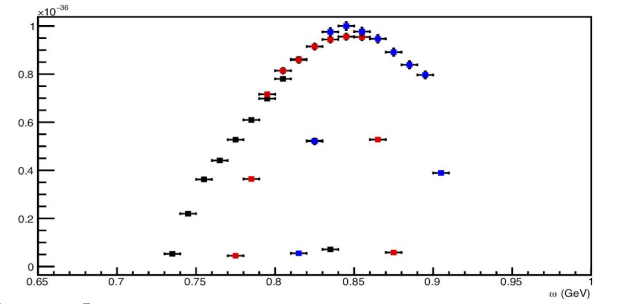
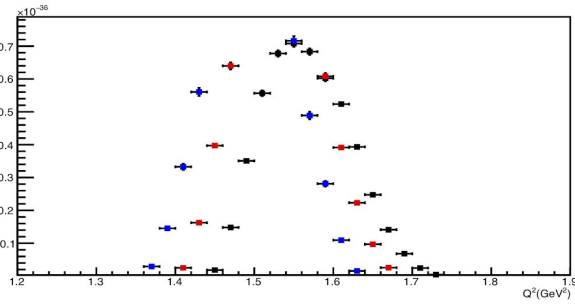
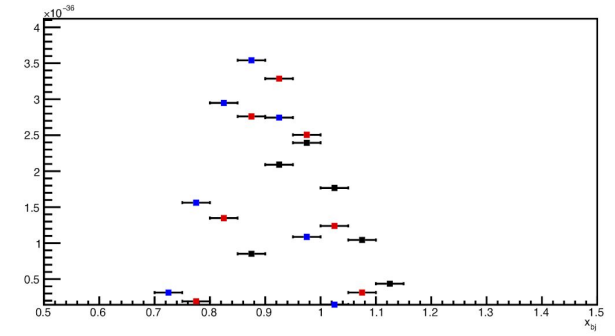
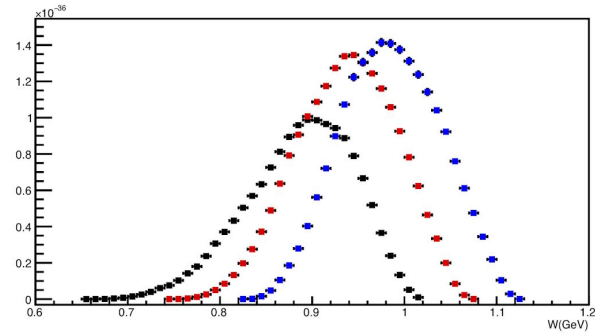
Tight cuts



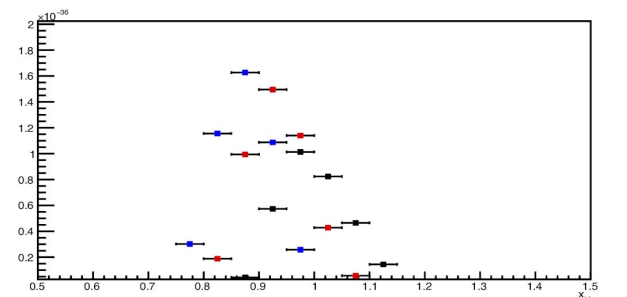
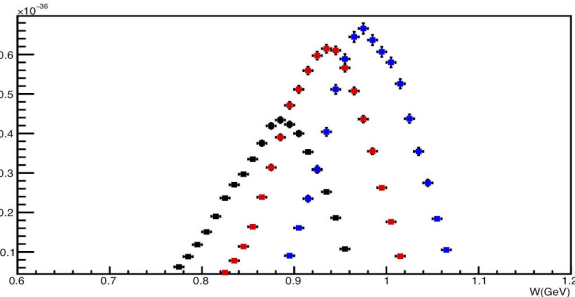
R42-Helium Spring 2018



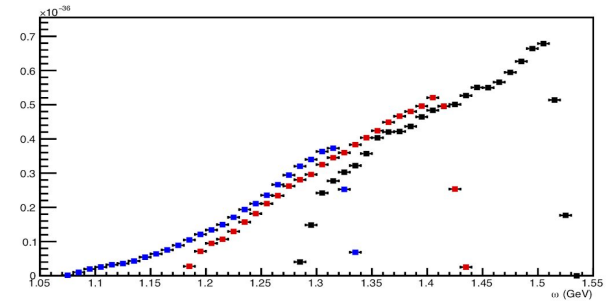
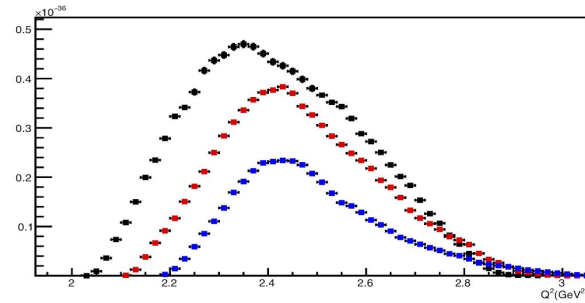
Loose cuts



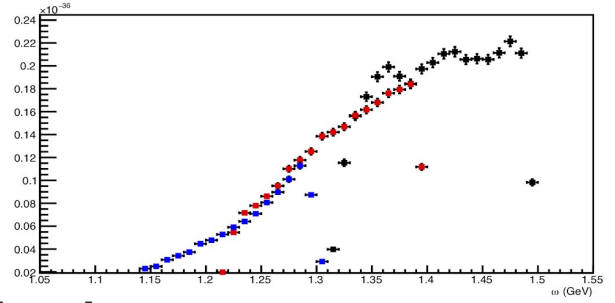
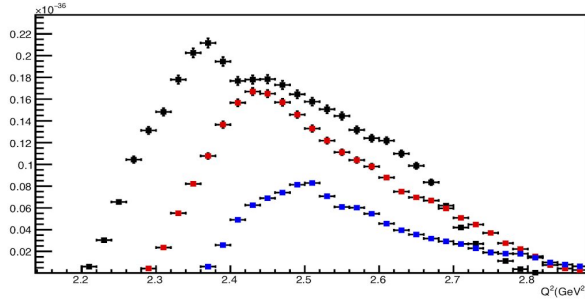
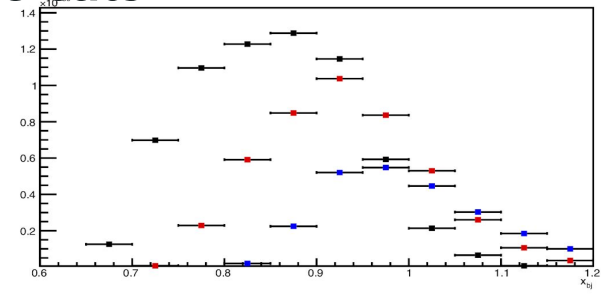
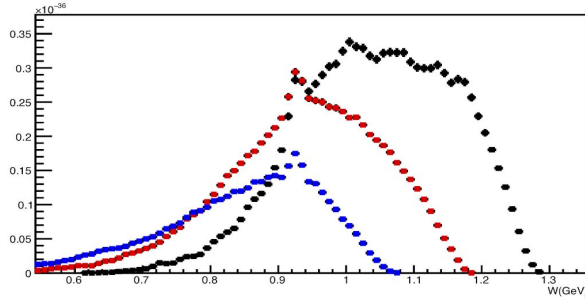
Tight cuts



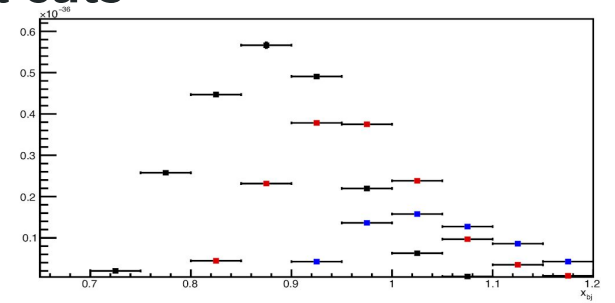
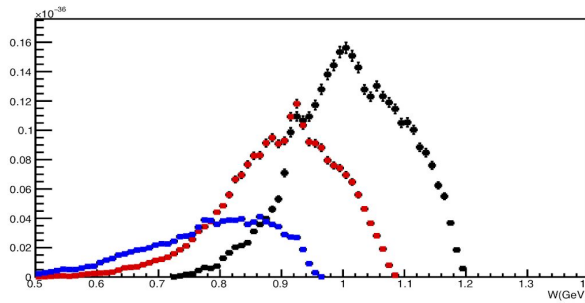
R26-Tritium Spring 2018



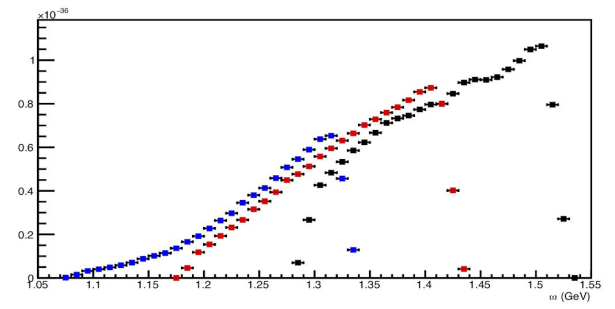
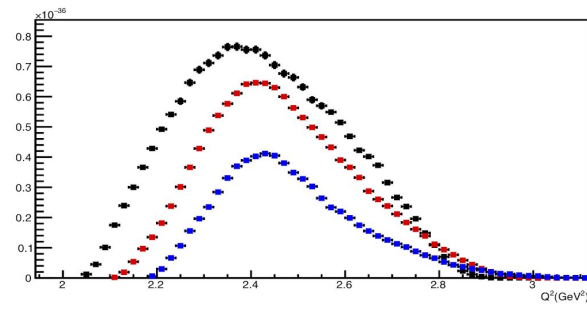
Loose cuts



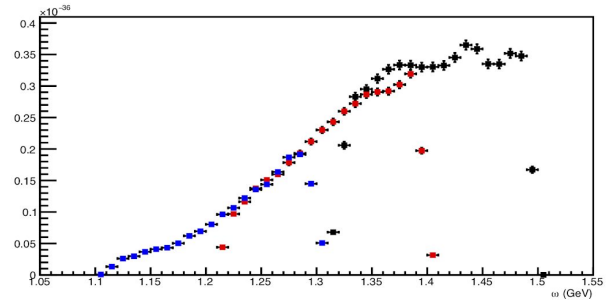
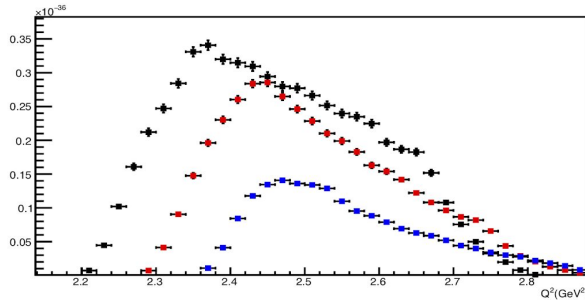
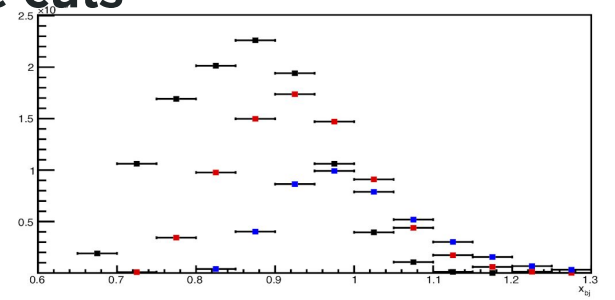
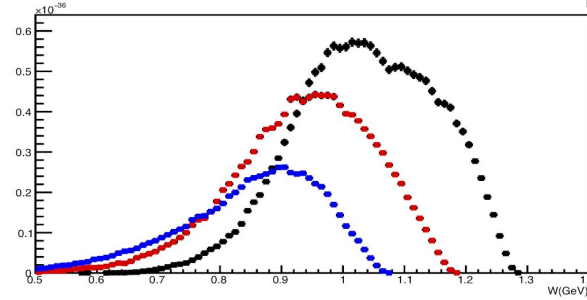
Tight cuts



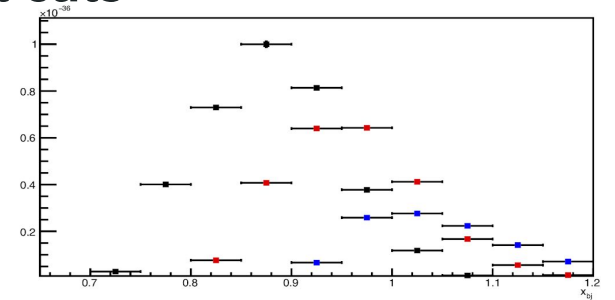
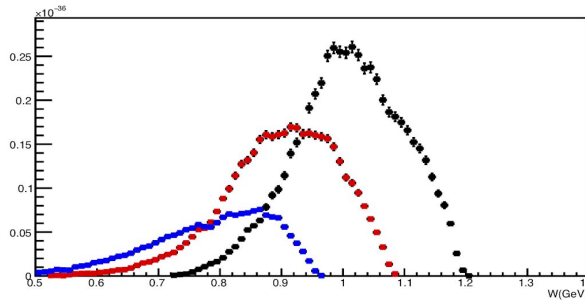
R26-Helium Spring 2018



Loose cuts



Tight cuts



Cuts

Loose cuts

$|p_h| < 0.035$

$|t_h| < 0.05$

$|d_p| < 0.04$

Tight cuts

$|p_h| < 0.035$

$|t_h| < 0.05$

$|d_p| < 0.04$

Common Cuts

Trigger 2

$E/p > 0.75$

$cer_asum > 2000$

$L.tr.n == 1$

$|v_z| < 0.08$