

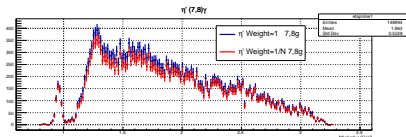
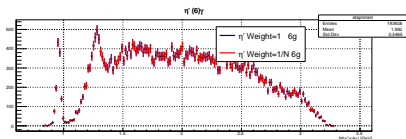
~~Uniqueness Tracking~~  
**EVENT COUNTING**

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# FS considerations

Unique FS effects without and with mass constraints regarding charged tracks:



- Discriminate Charged Particle types:

$N_\gamma$	$I_W$	$I_{wmod}$	$\Delta$
6( $M=\eta'$ )	1311	1294	1.3%
6( $M=1.2-1.4$ )	5144	5069	1.5%
7-8( $M=\eta'$ )	641	551	14.1%
7-8( $M=1.2-1.4$ )	4574	3564	22.1%

- Discriminate Charge and Neutrals only:

$N_\gamma$	$I_W$	$I_{wmod}$	$\Delta$
6( $M=\eta'$ )	1311	1305	0.5%
6( $M=1.2-1.4$ )	5134	5113	0.6%
7-8( $M=\eta'$ )	640	591	7.6%
7-8( $M=1.2-1.4$ )	4566	4053	11.2%

# FS considerations

- Count Unique FS in combination with a **prompt beam photon for KinFit.**
- All these FS are equal.
- All these FS are indistinguishable.
- All these FS are on equal footing.