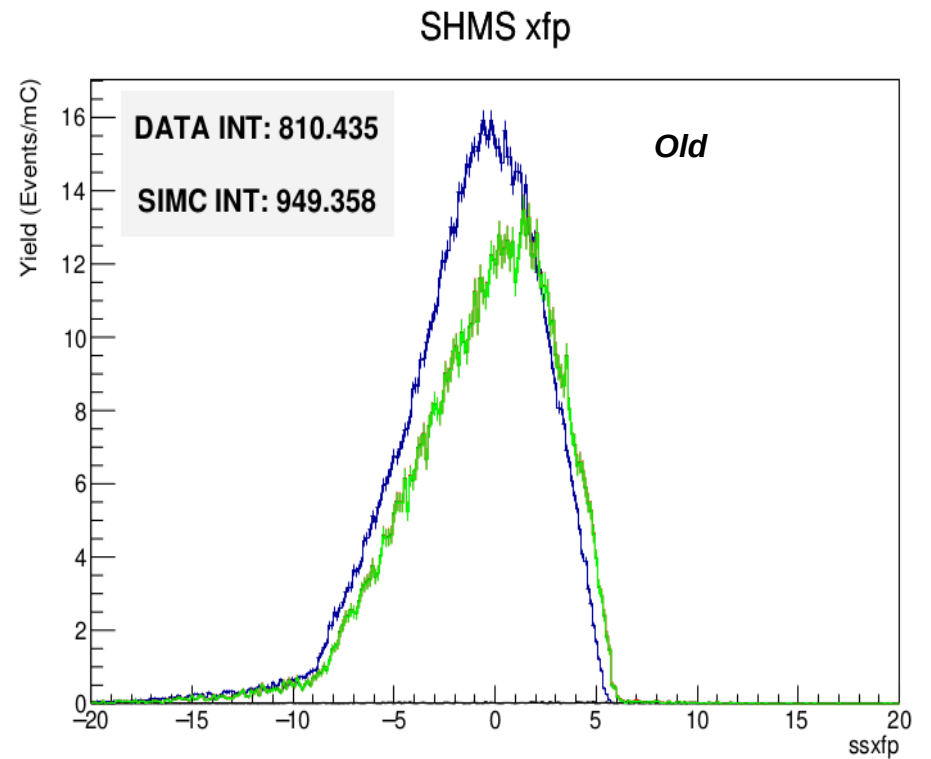
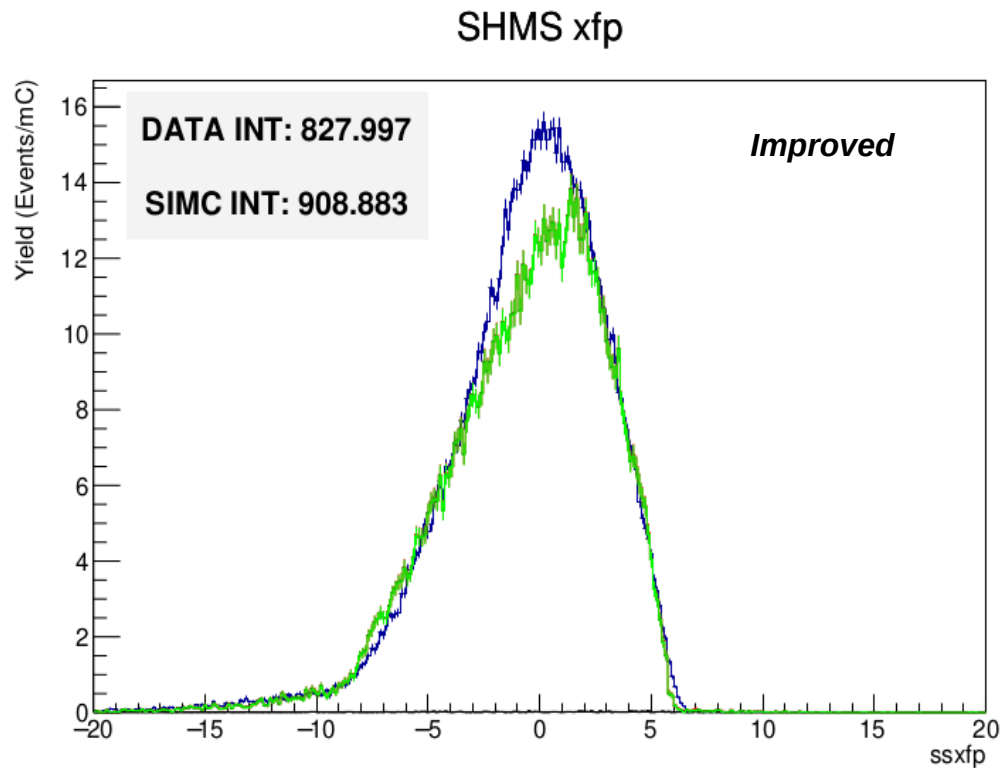


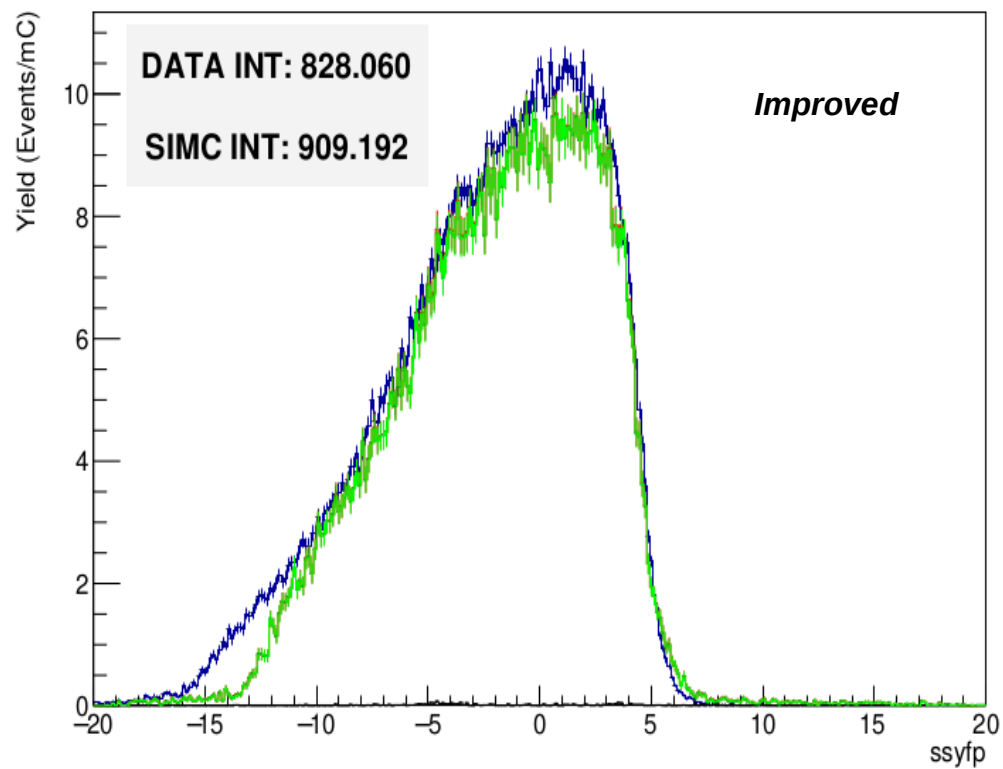
## Analysis update: May 17, 2022

- Spectrometers offsets:

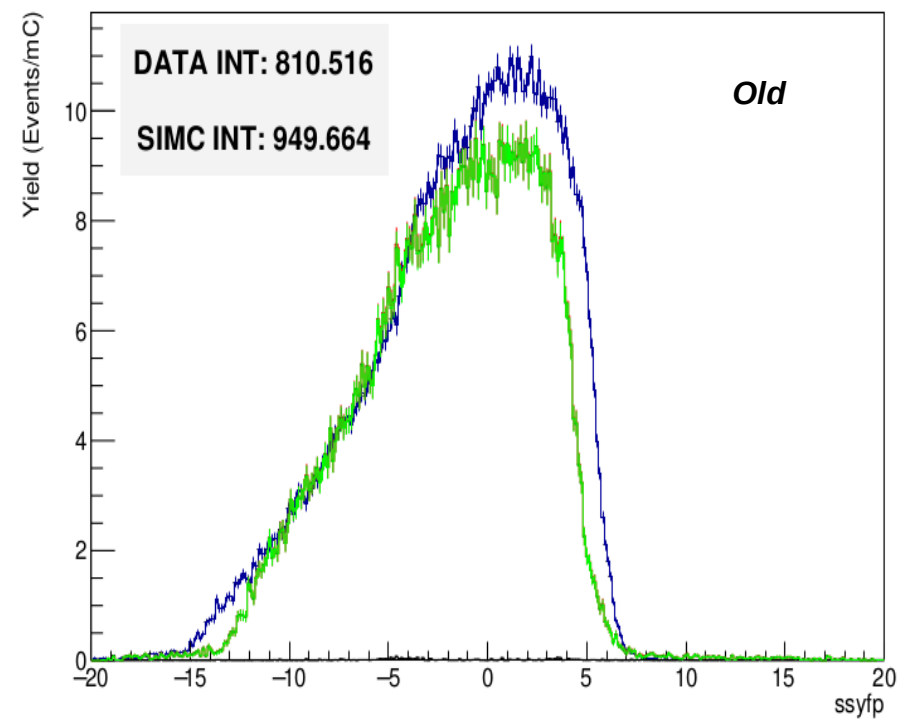
- 3.9 GeV KaonLT



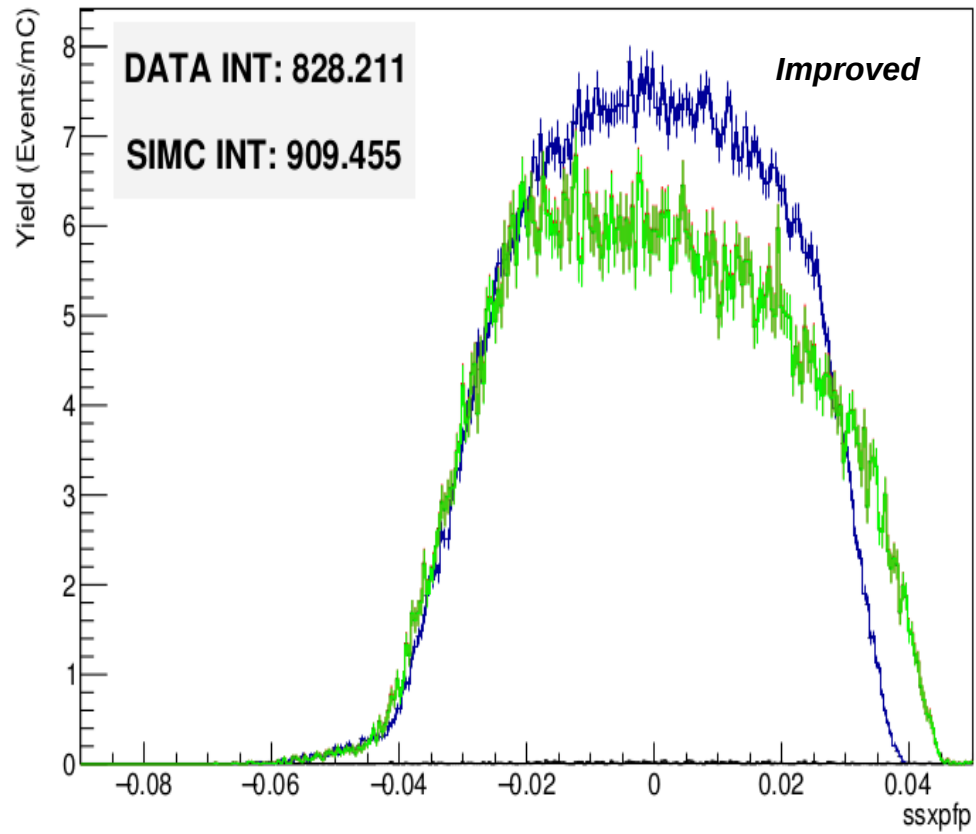
SHMS yfp



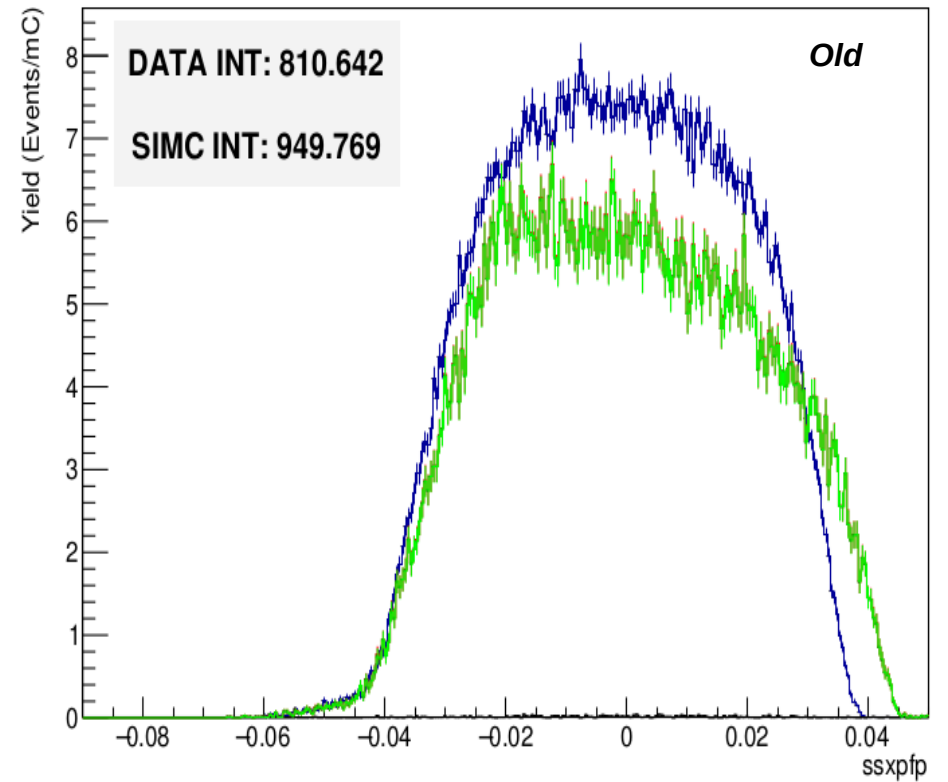
SHMS yfp



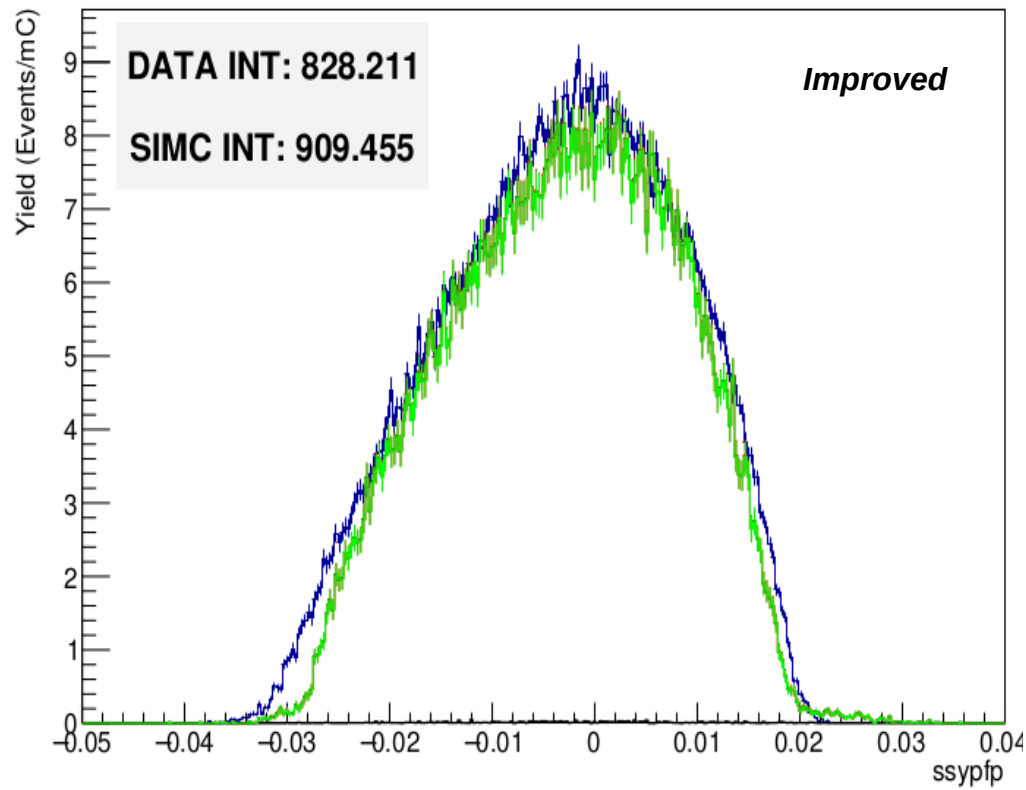
SHMS xpfp



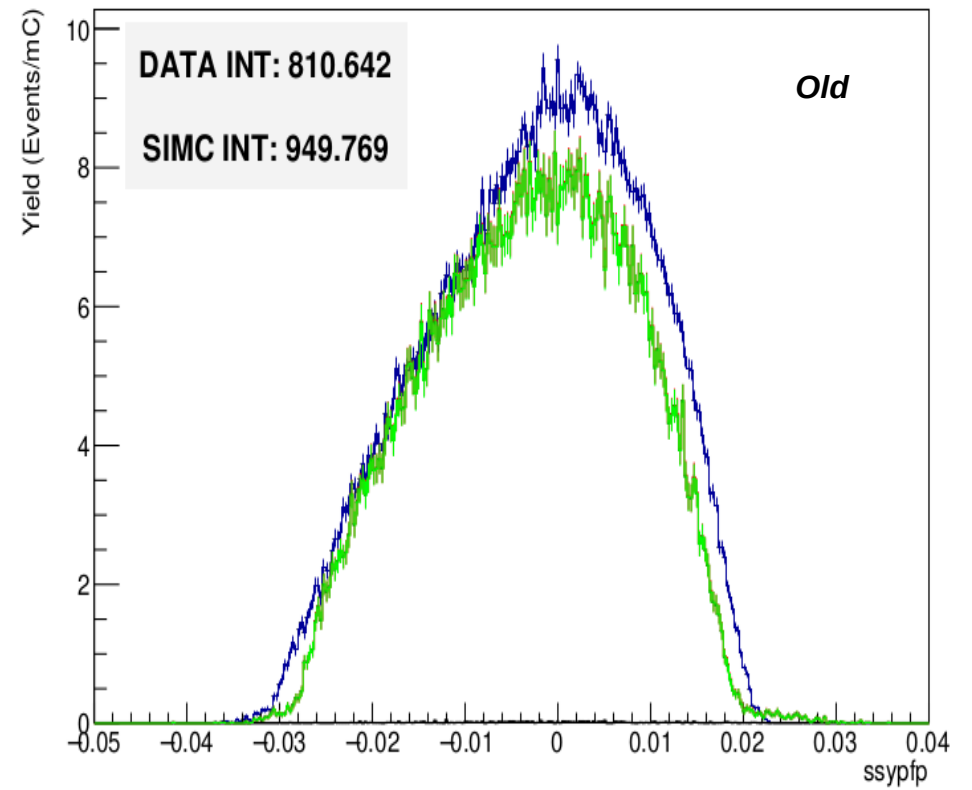
SHMS xpfp



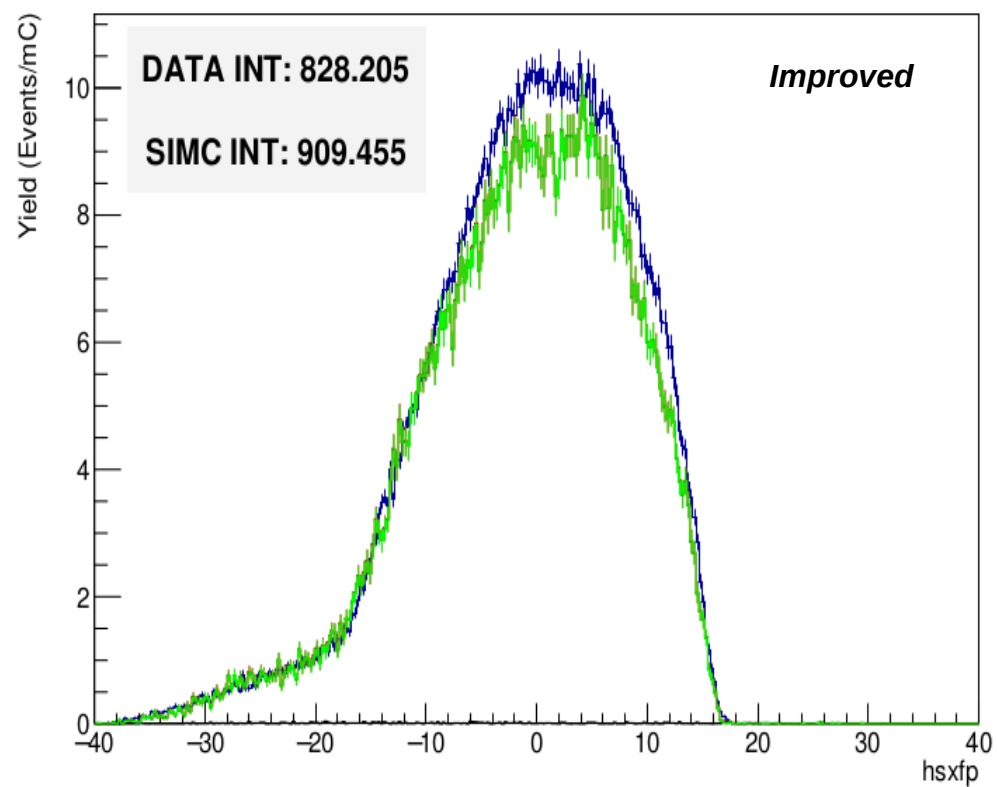
SHMS ypfp



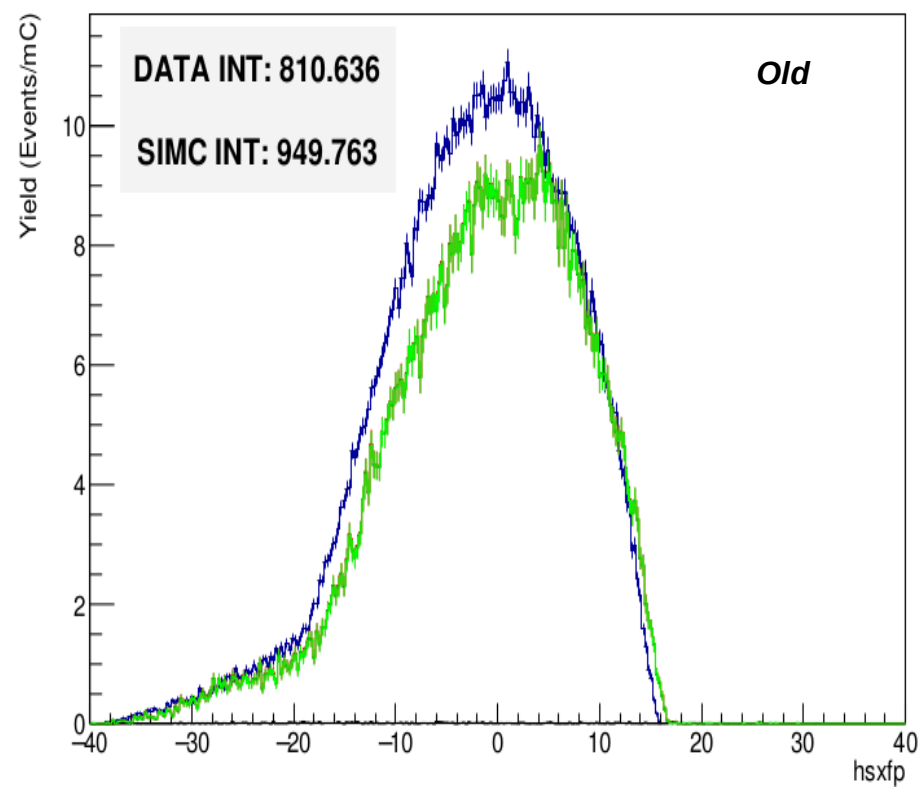
SHMS ypfp



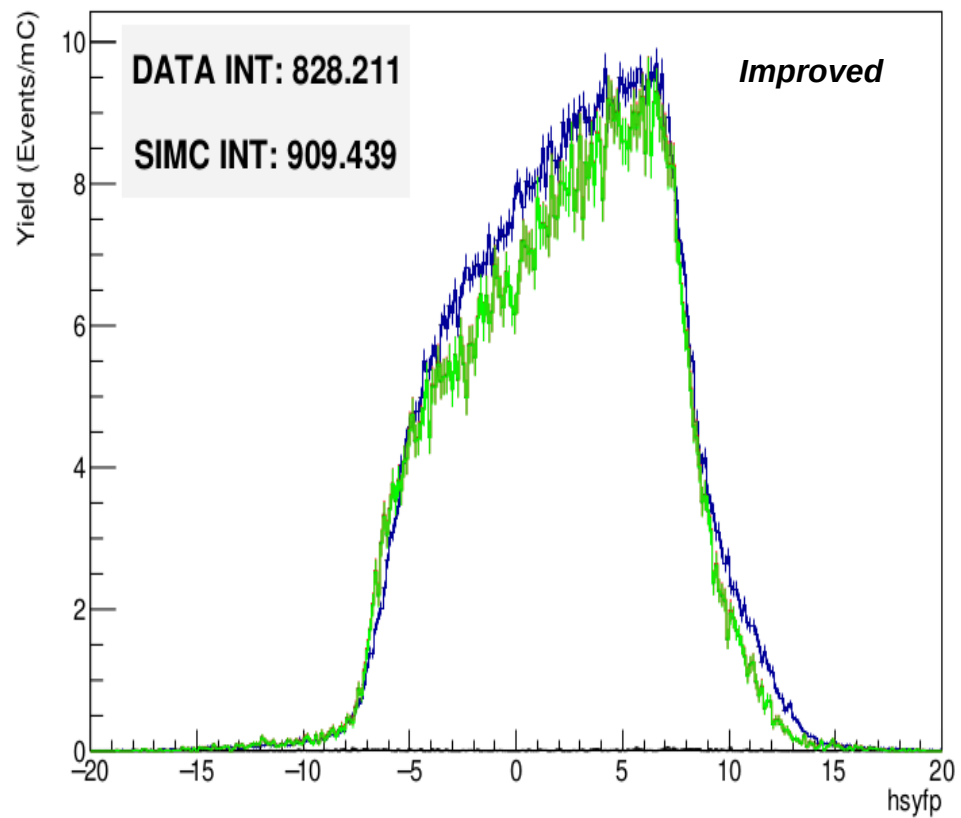
HMS xfp



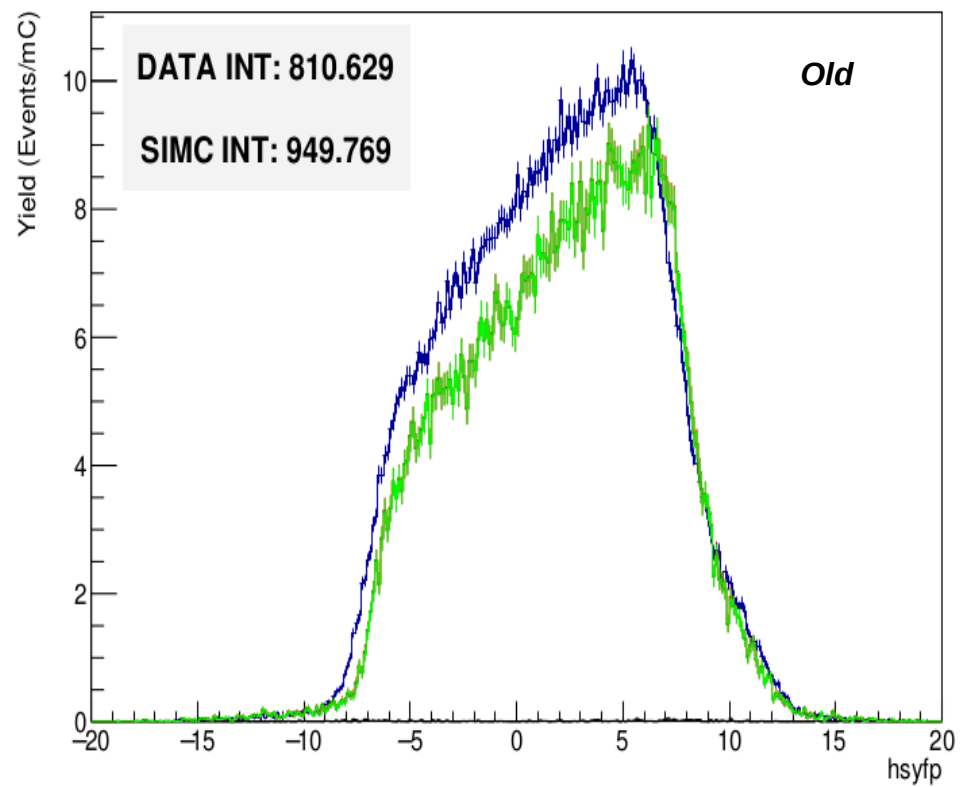
HMS xfp



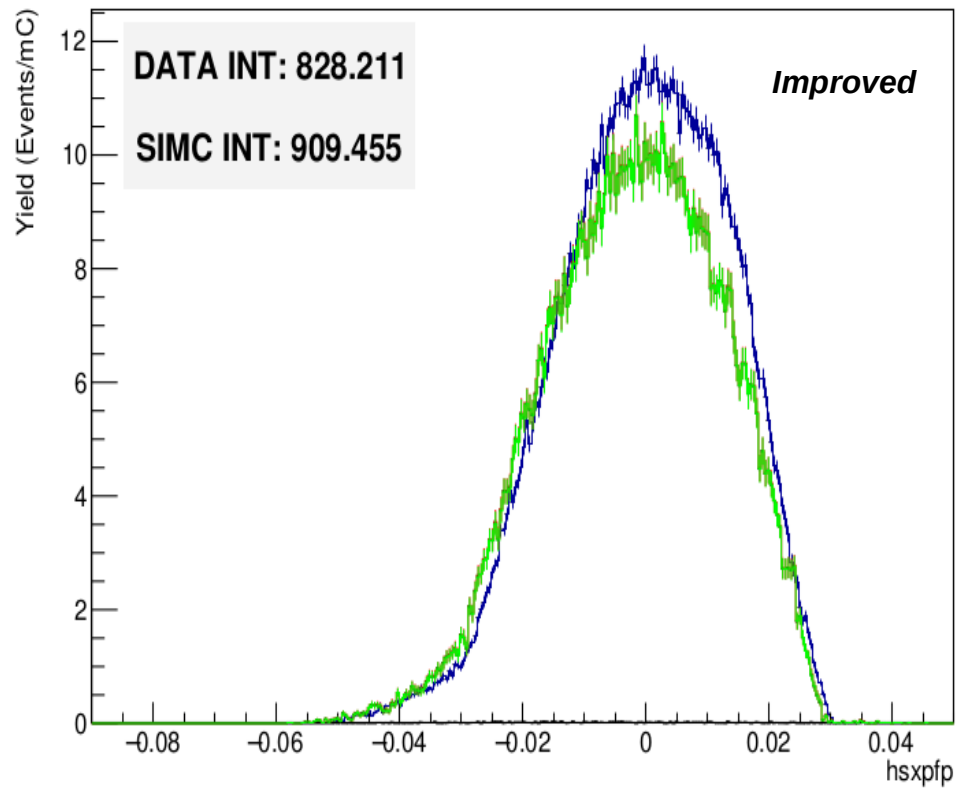
HMS yfp



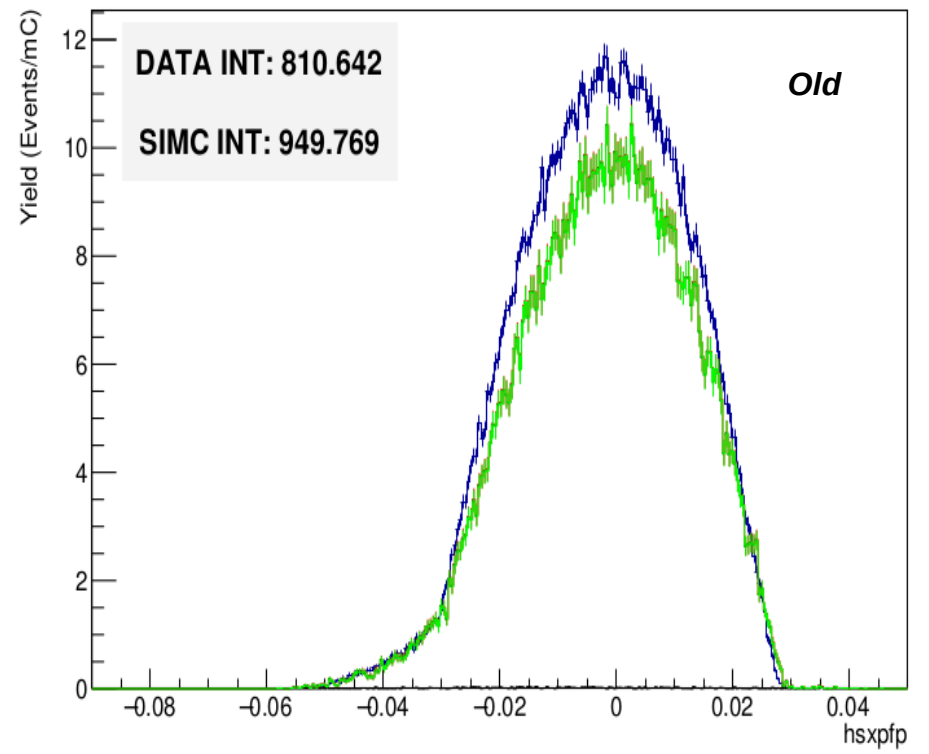
HMS yfp



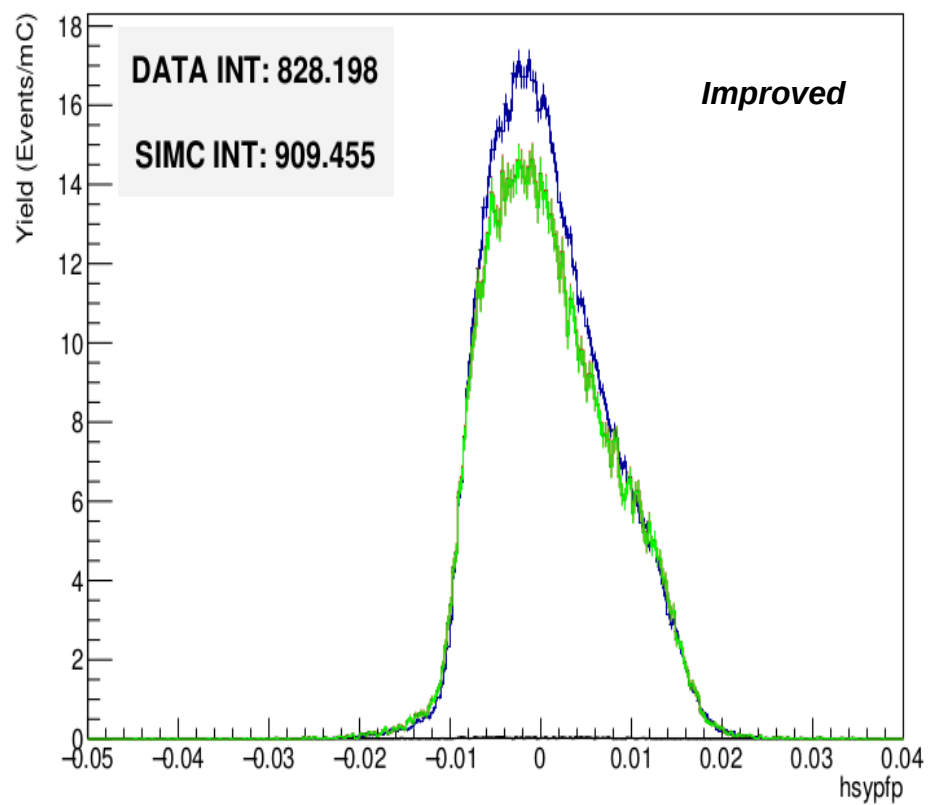
HMS xpfp



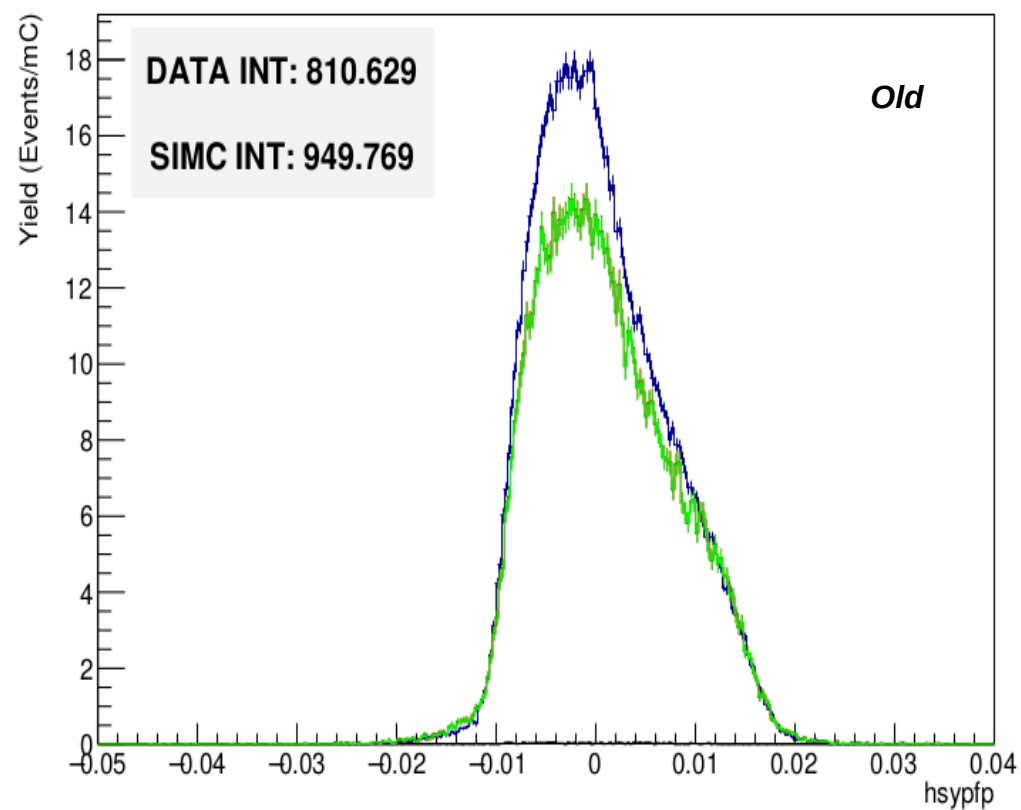
HMS xpfp



HMS ypfp

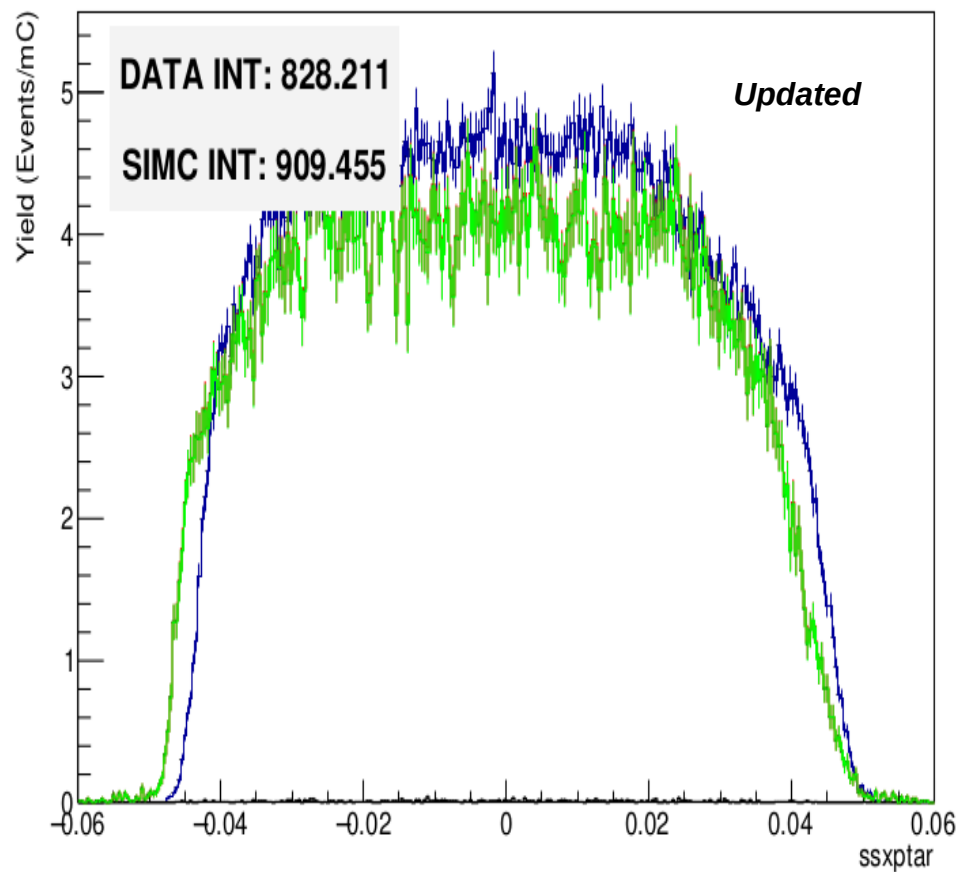


HMS ypfp

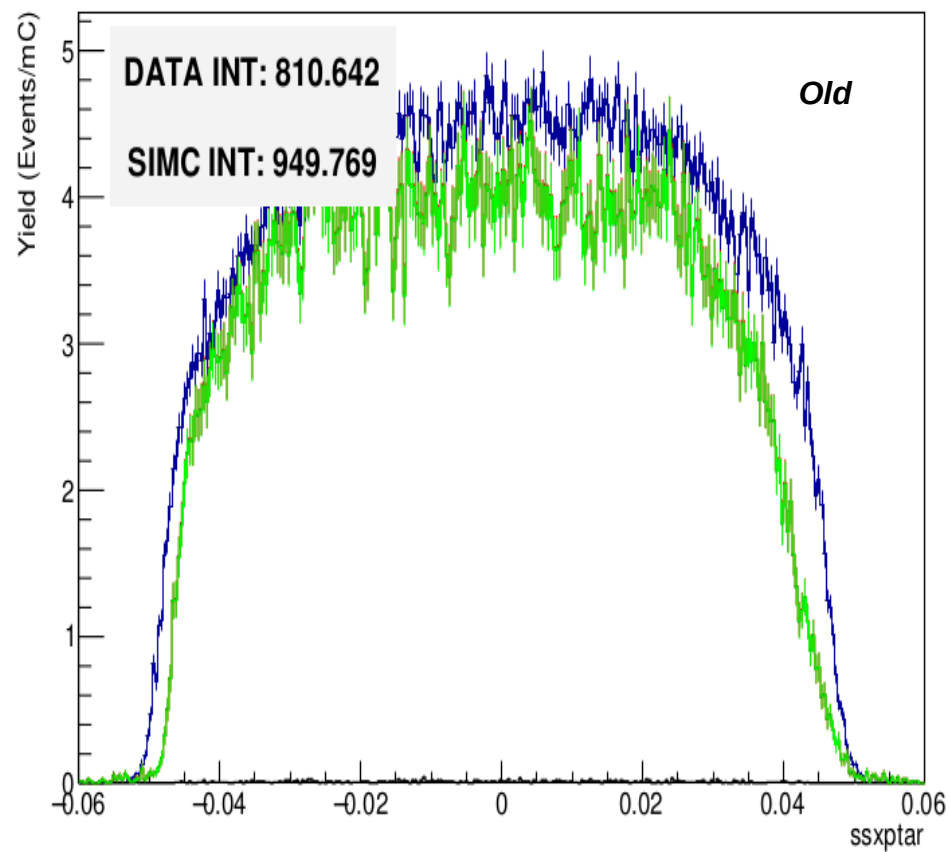




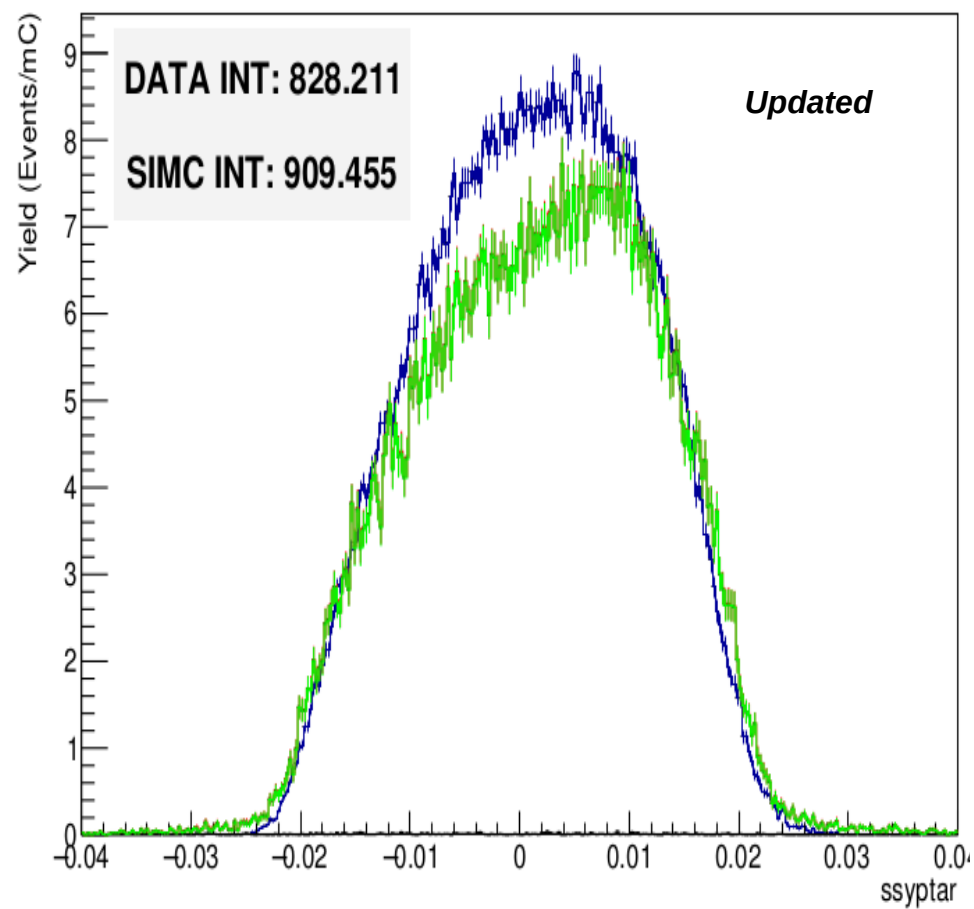
SHMS xptar



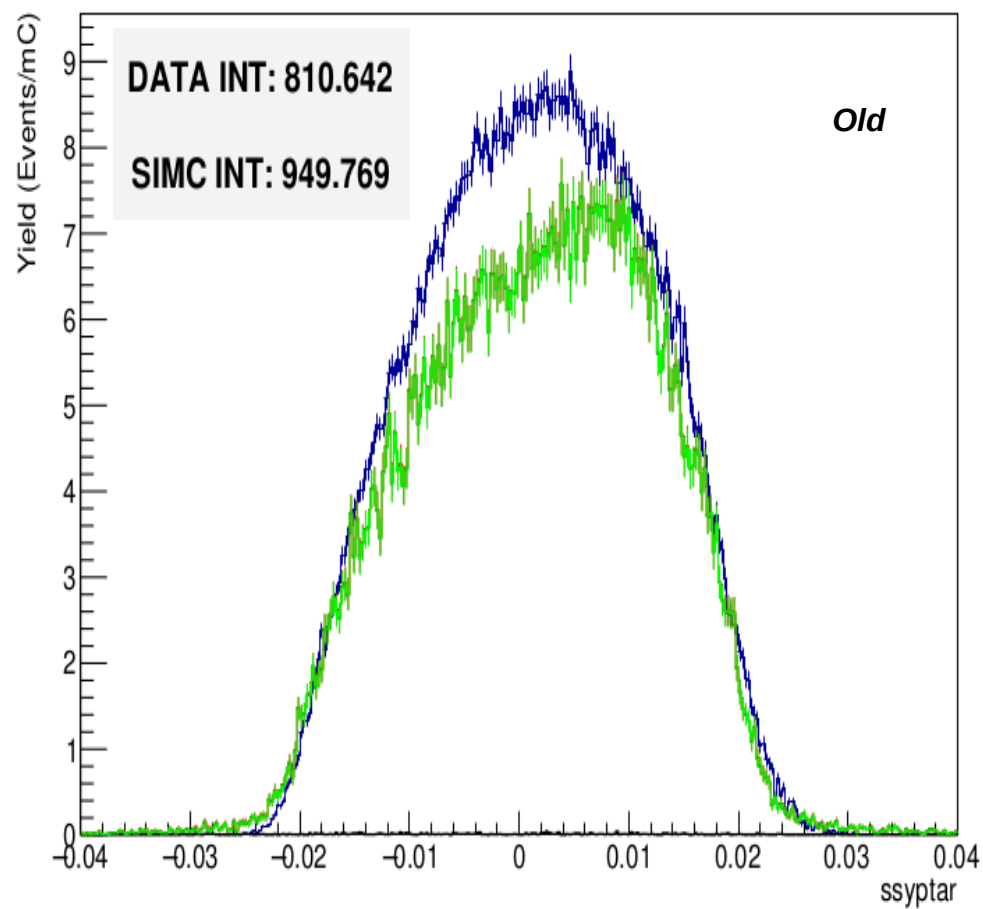
SHMS xptar



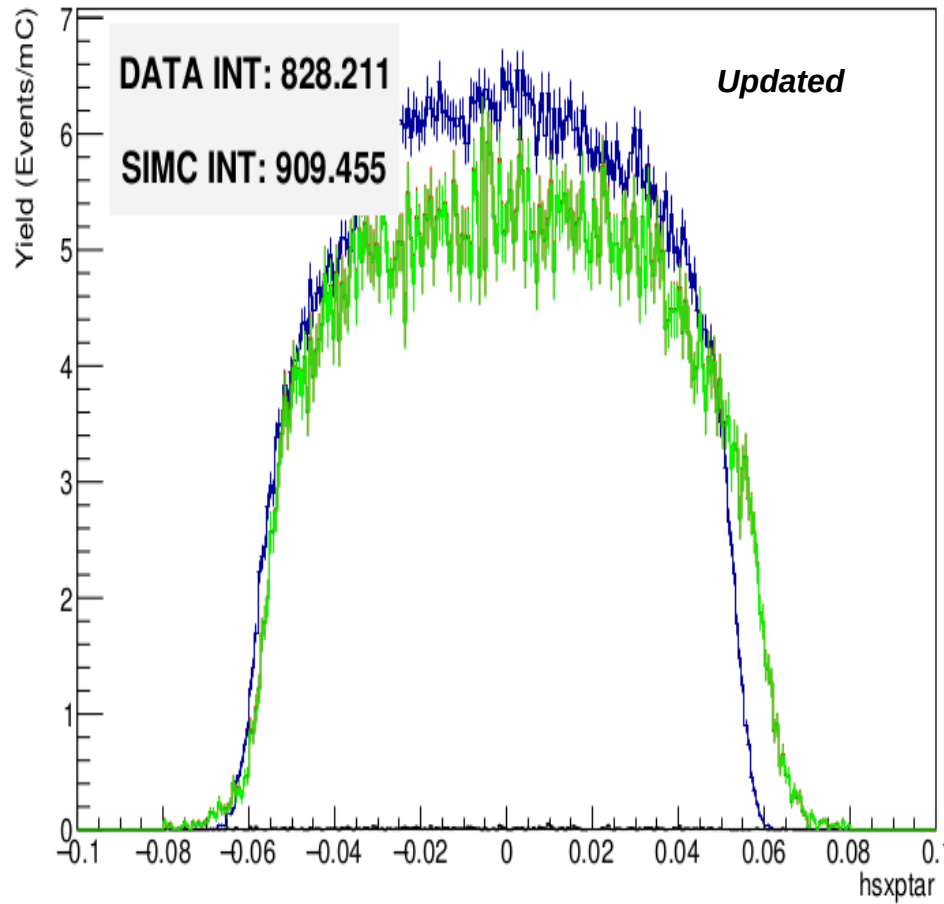
SHMS yptar



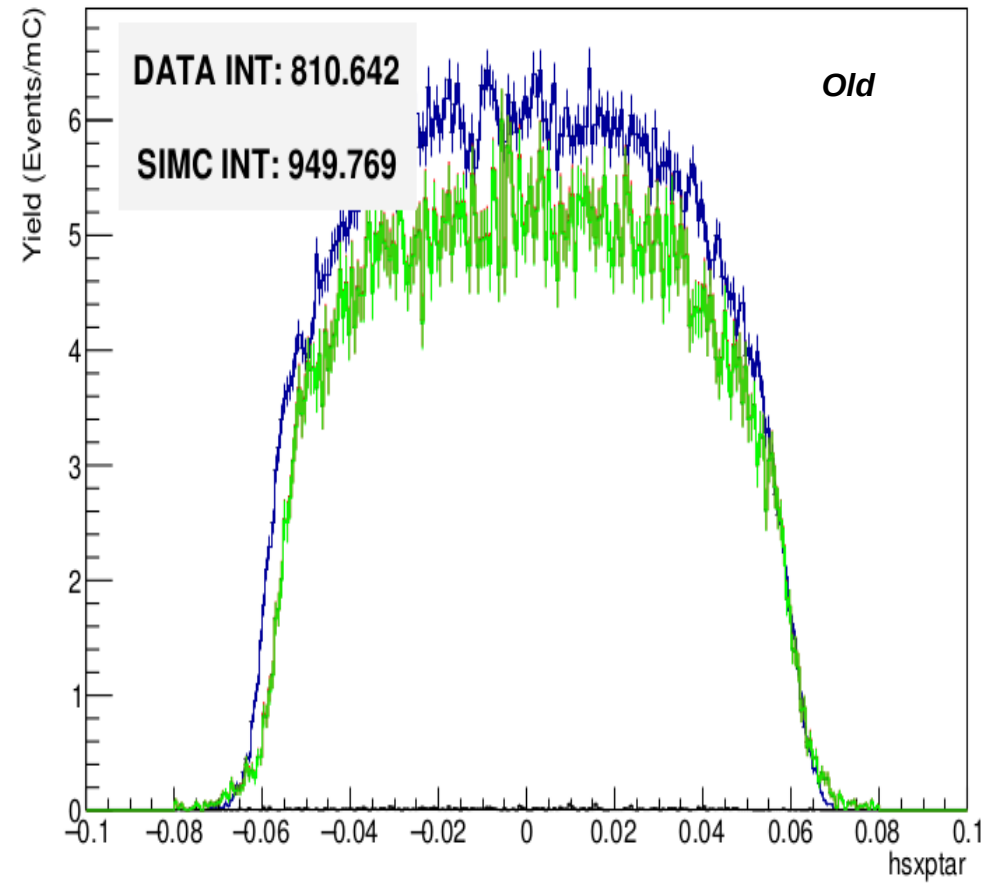
SHMS yptar



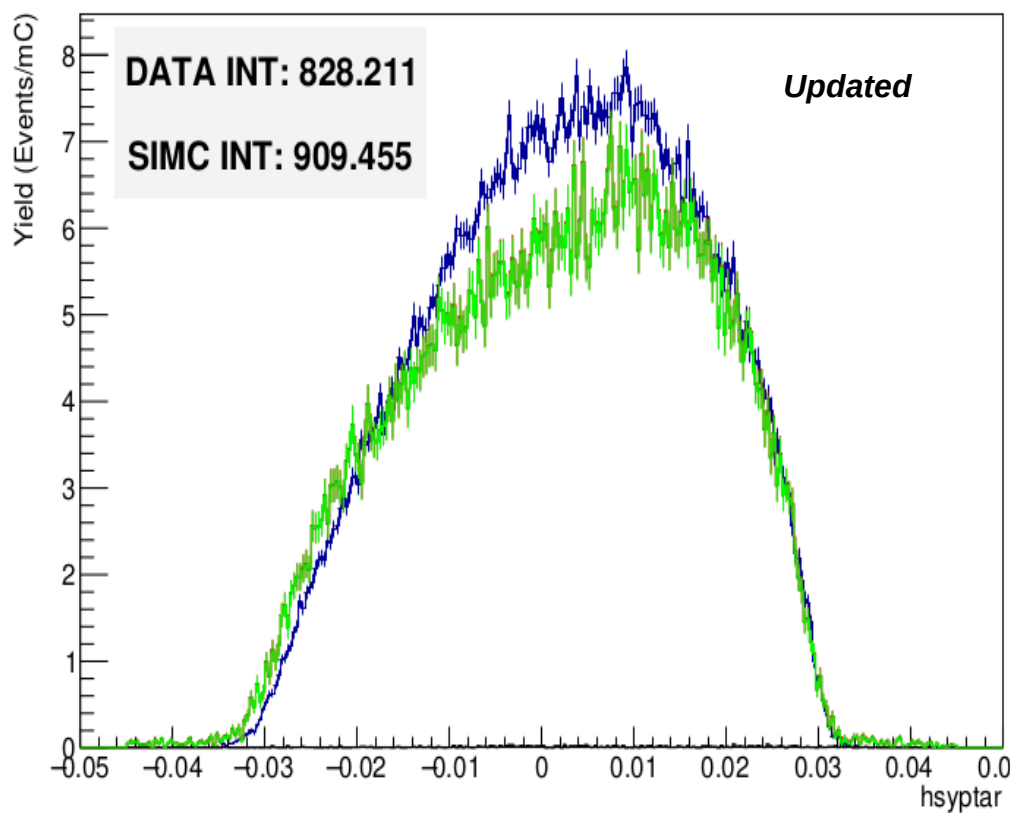
HMS xptar



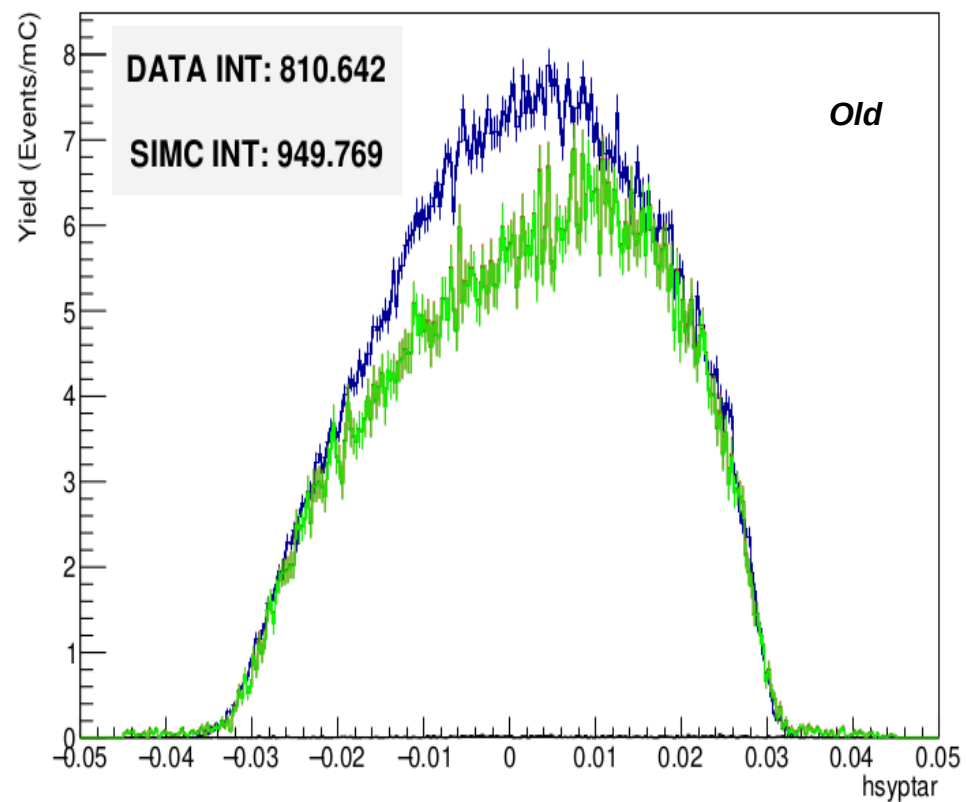
HMS xptar



HMS yptar



HMS yptar



Spectrometer offsets that changed in SIMC input file:

- 1) electron x = 0.4 (new), 0 (old).
- 2) electron y = 0.30 (new), 0.014 (old).
- 3) Proton x = 0.50 (new), 0 (old).
- 4) Proton y = -0.40 (new), 0 (old).

## Next Plan:

- Working to find out the momentum offsets using the **Jochen Volmer** code.
- Need to correct the experimental data to the efficiency and life-time.