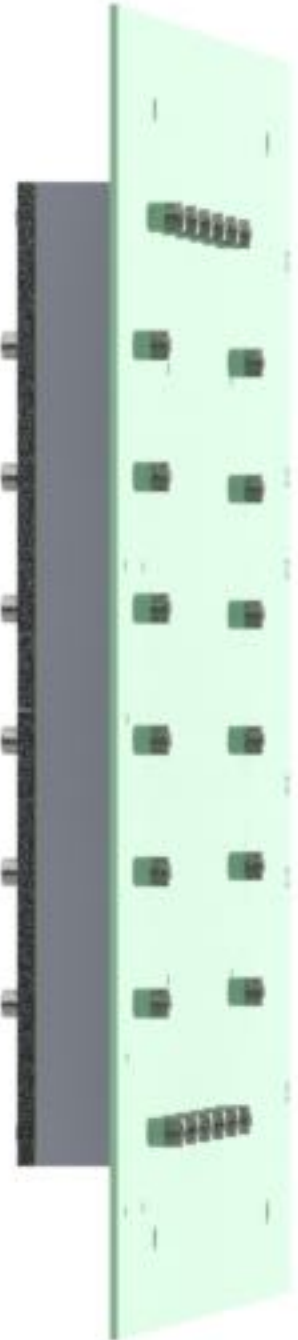


status of TB analysis

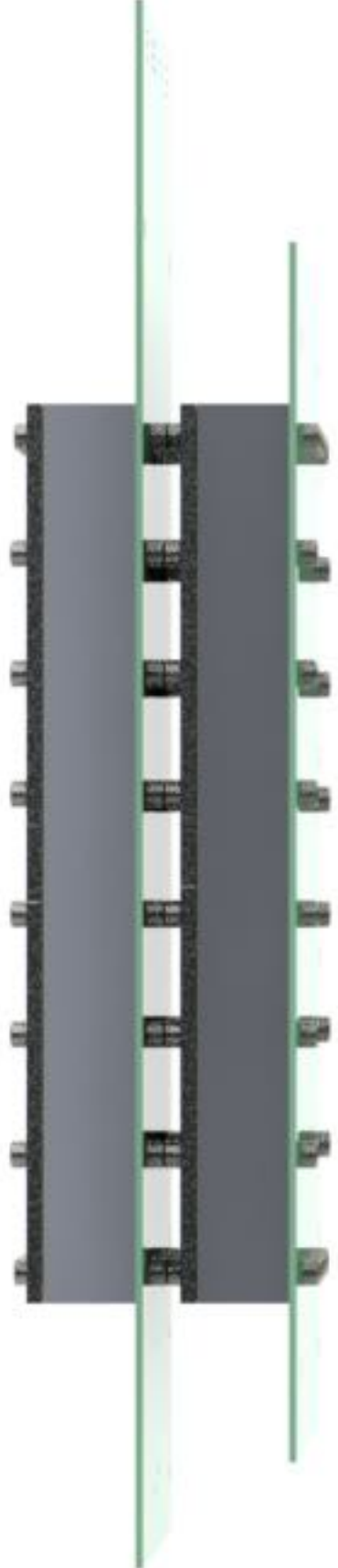
April-July 2023 (TIGER)

11/08/2023

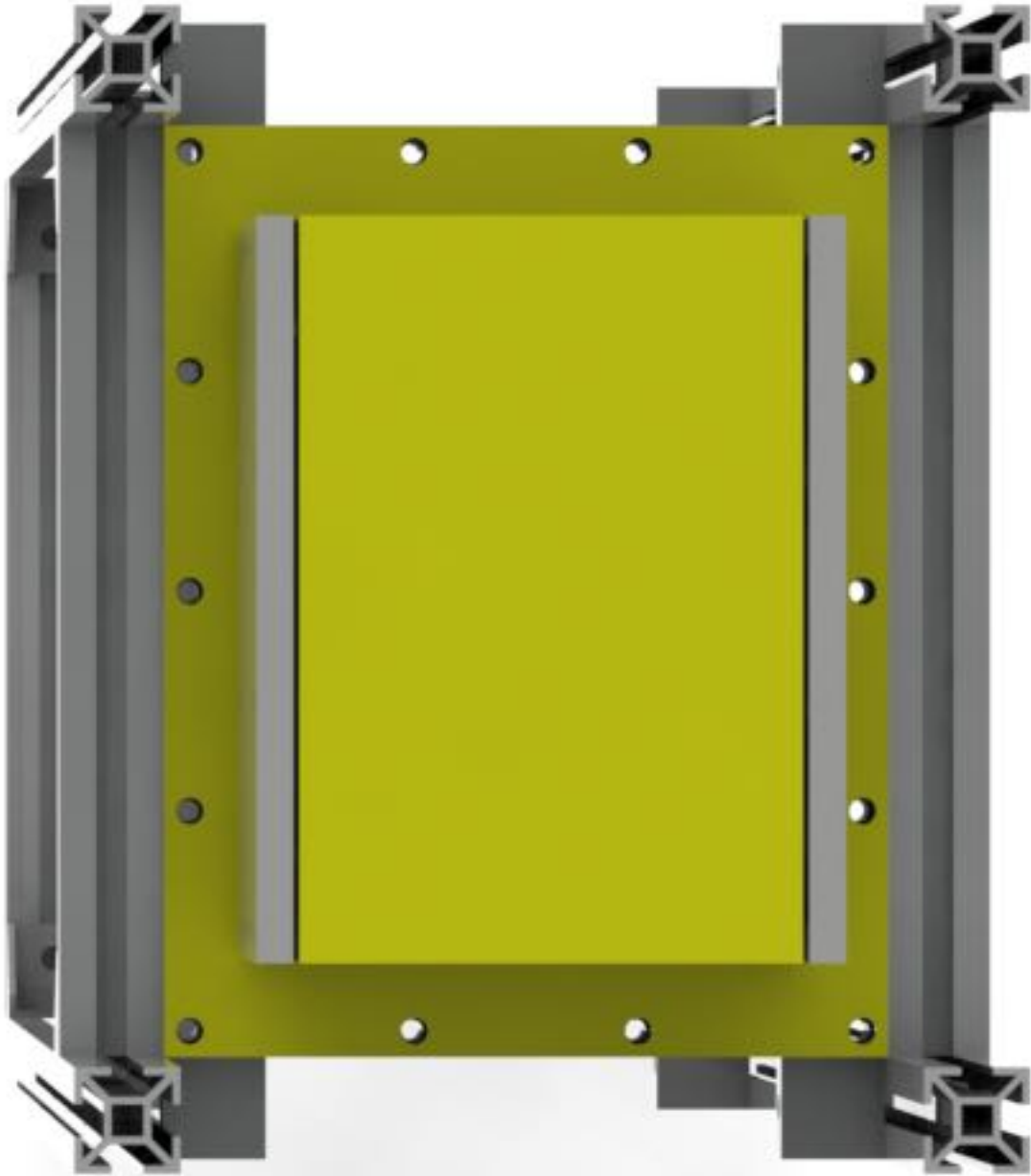
A.Zelenov



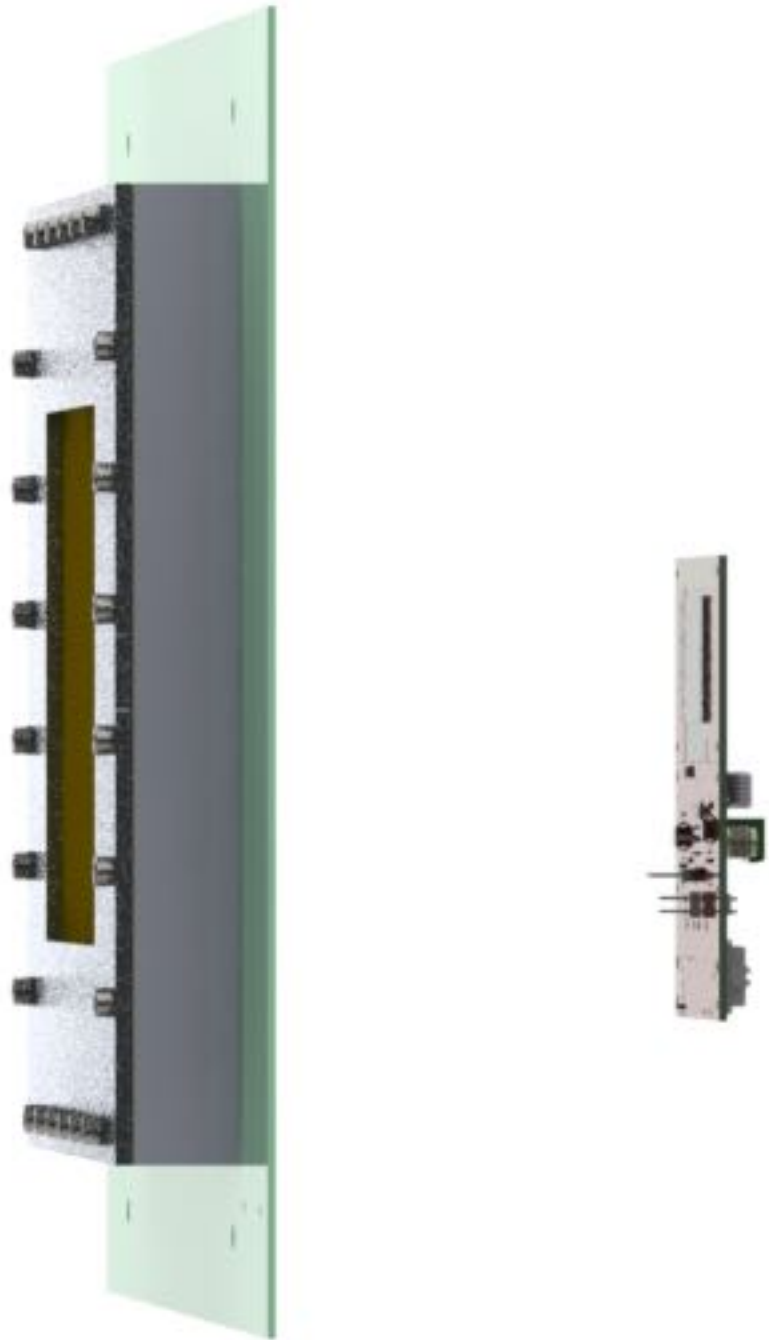
MM1



MM2



MM3

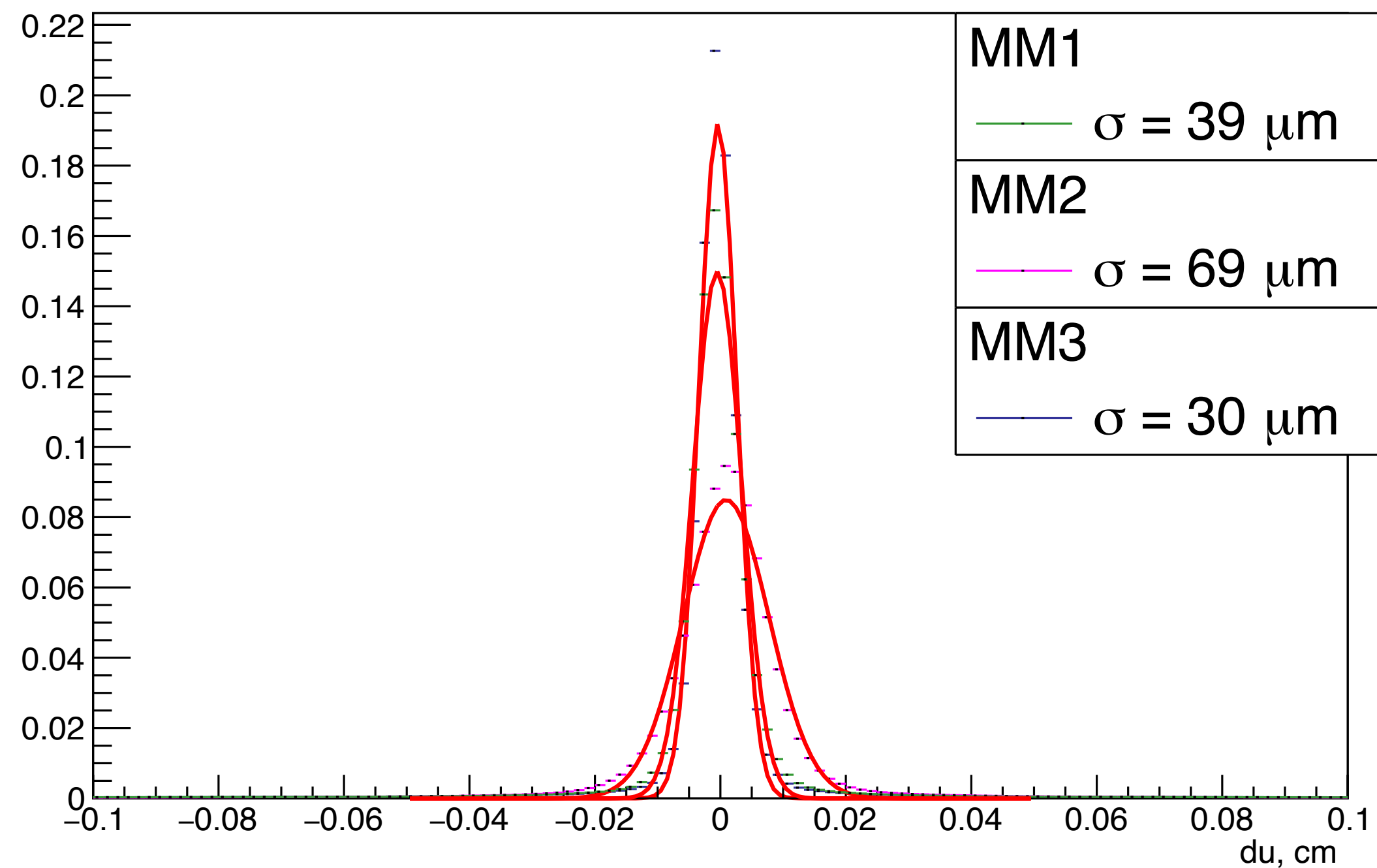


Residuals RUN8 (TIGER) vs RUN38(+Mu2E)

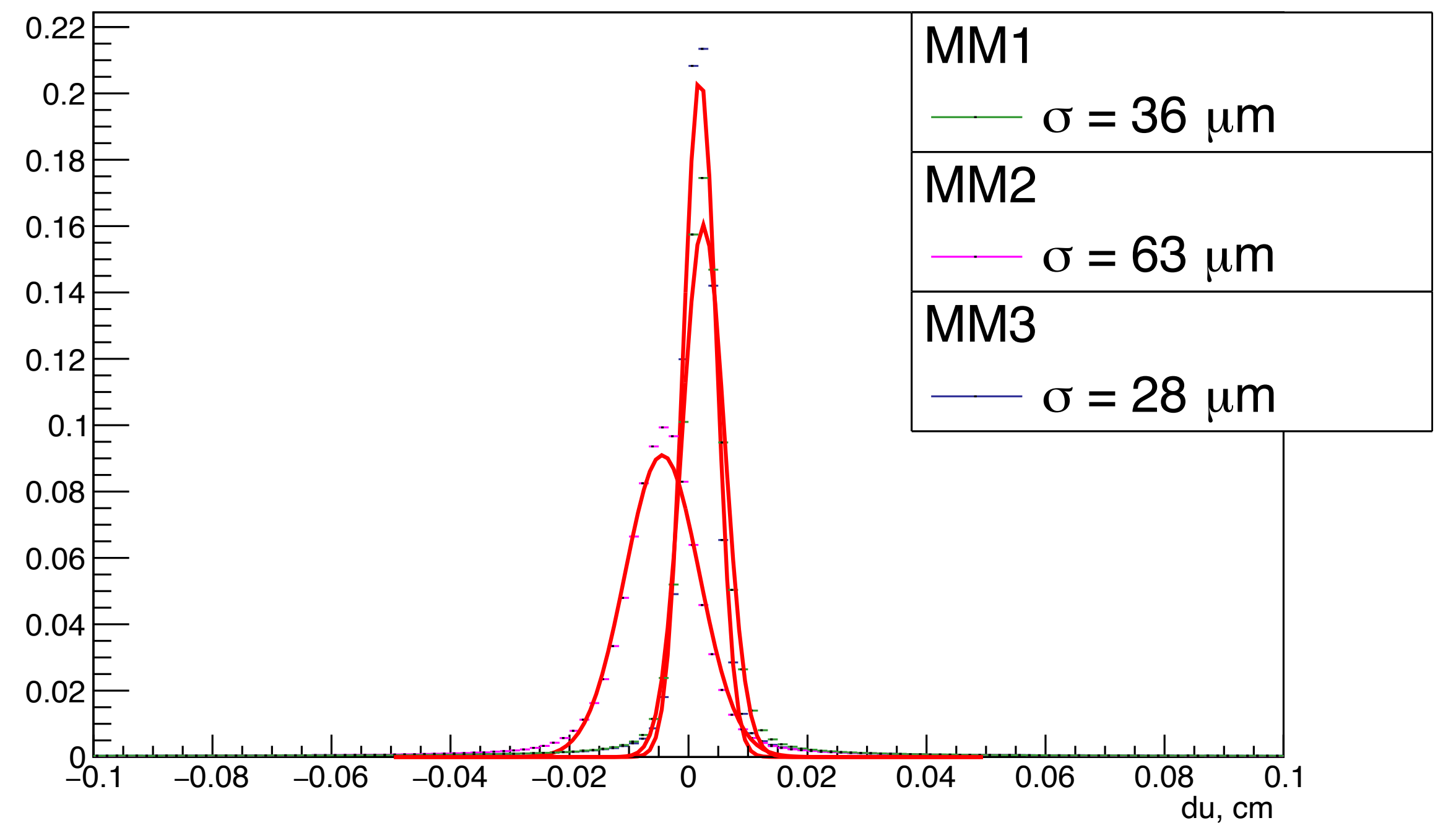
RUN 8

RUN 38

Track residuals



Track residuals

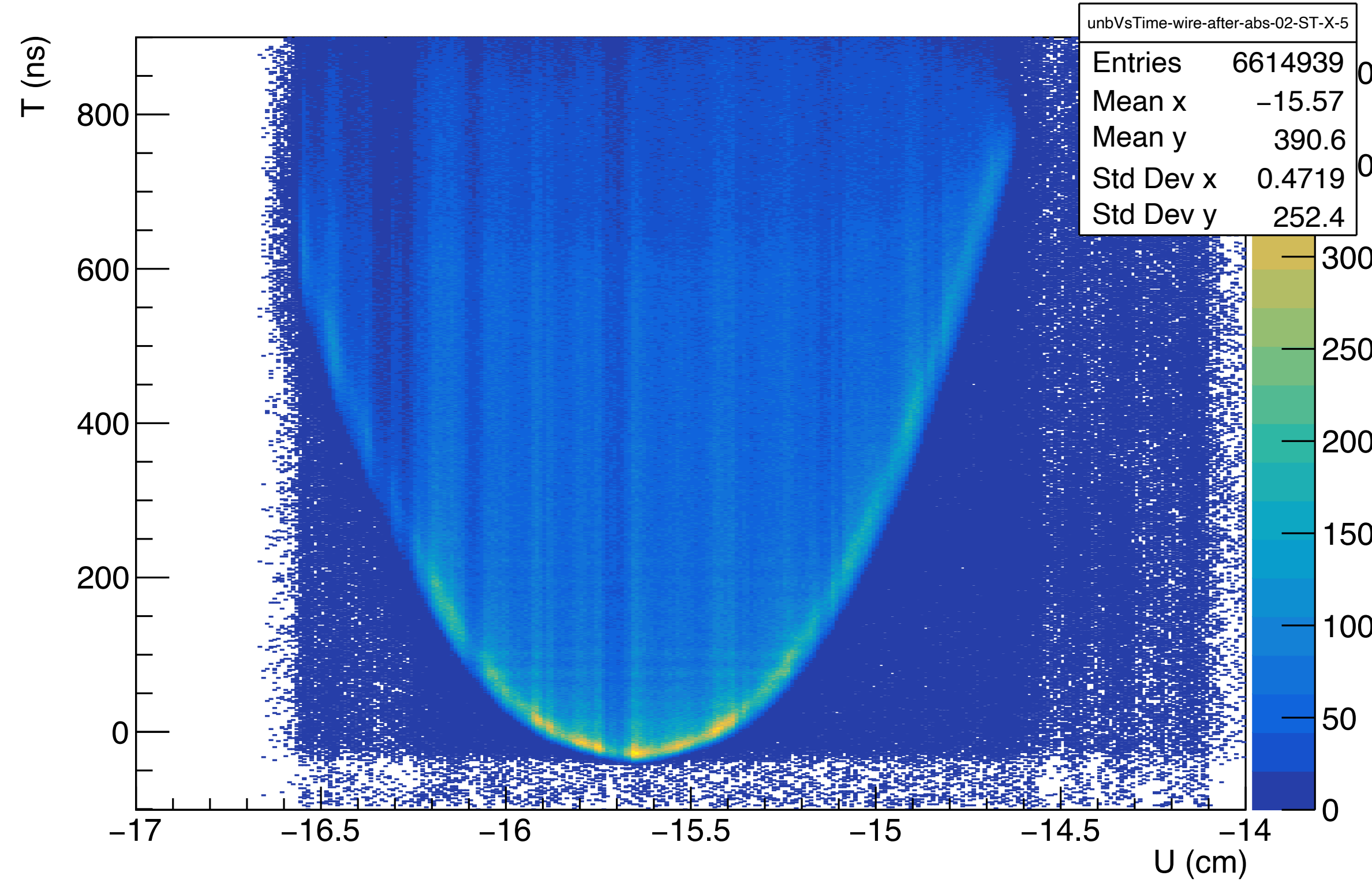


RUN8 (TIGER) vs RUN38(+Mu2E)

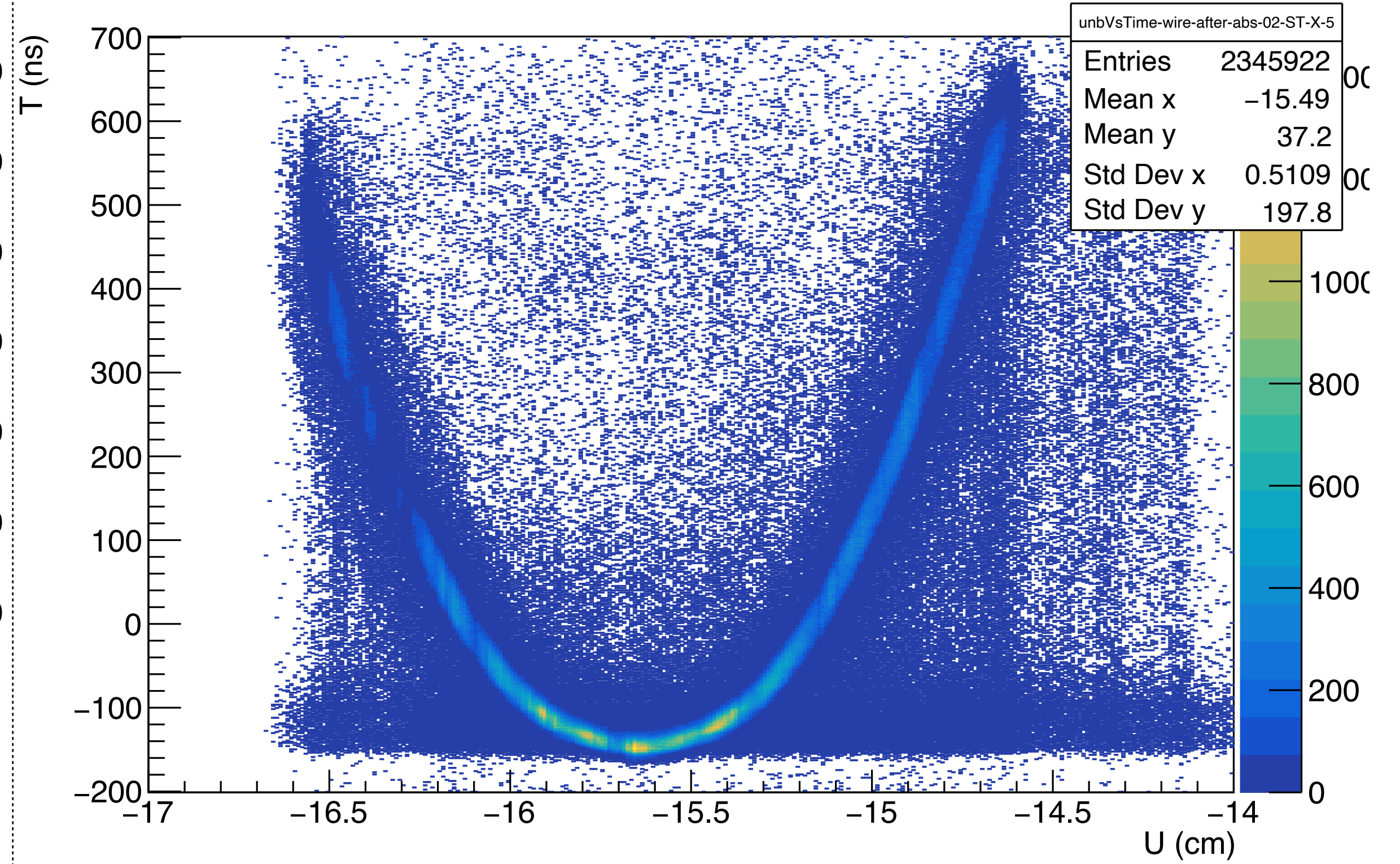
RUN 8

RUN 38

Initial vShape



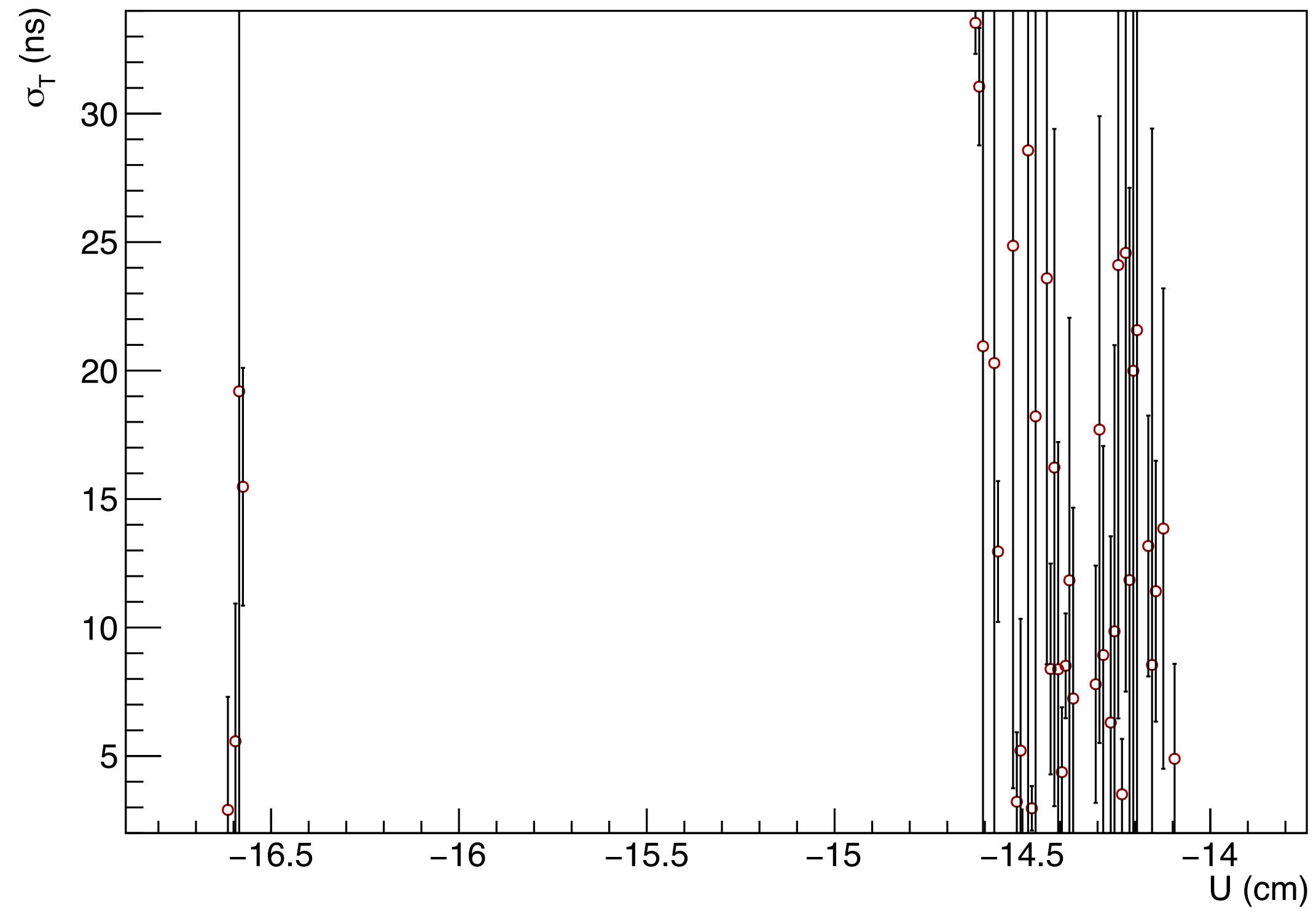
Initial vShape



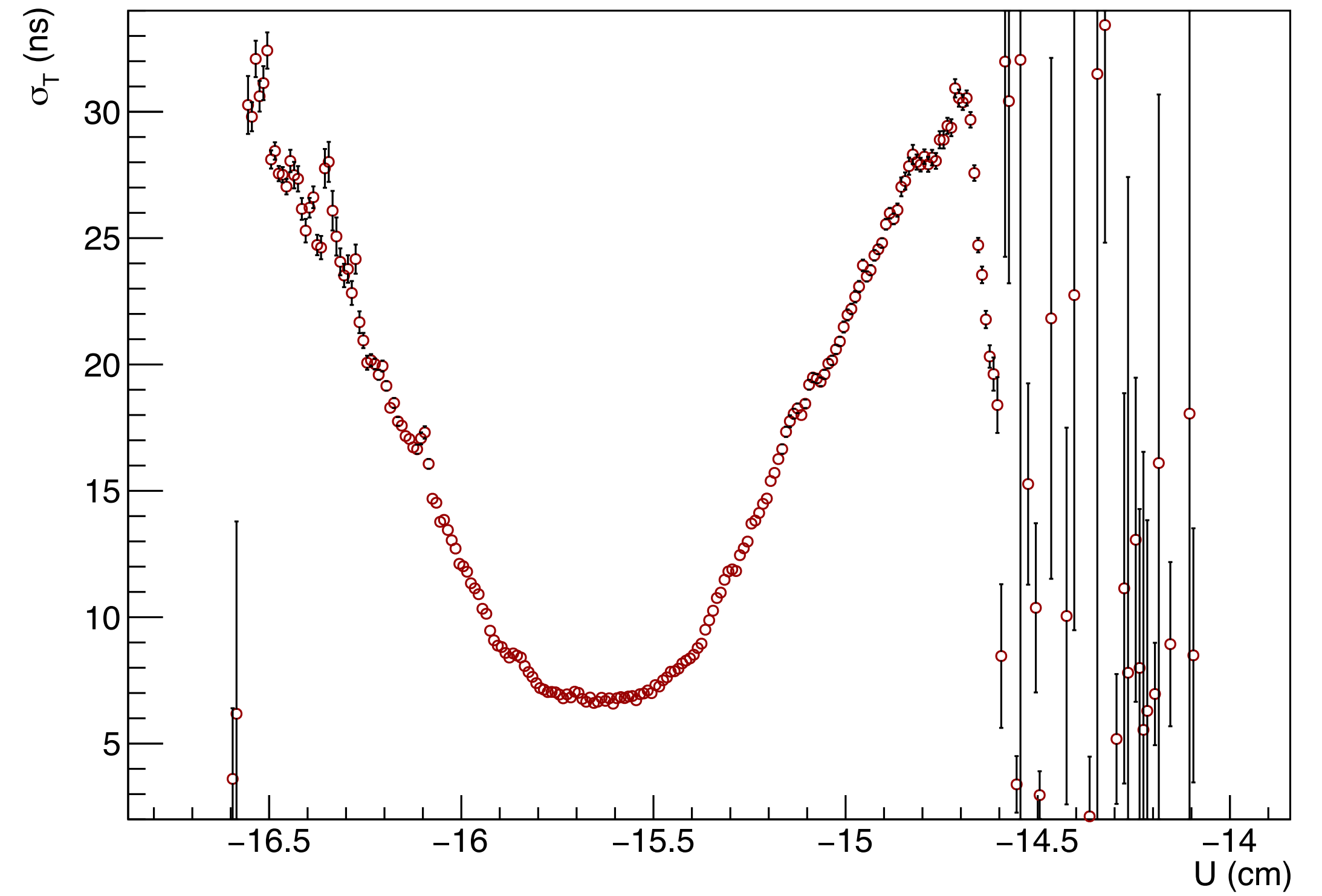
RUN 8

RUN 38

$\sigma_T = f(U)$



$\sigma_T = f(U)$



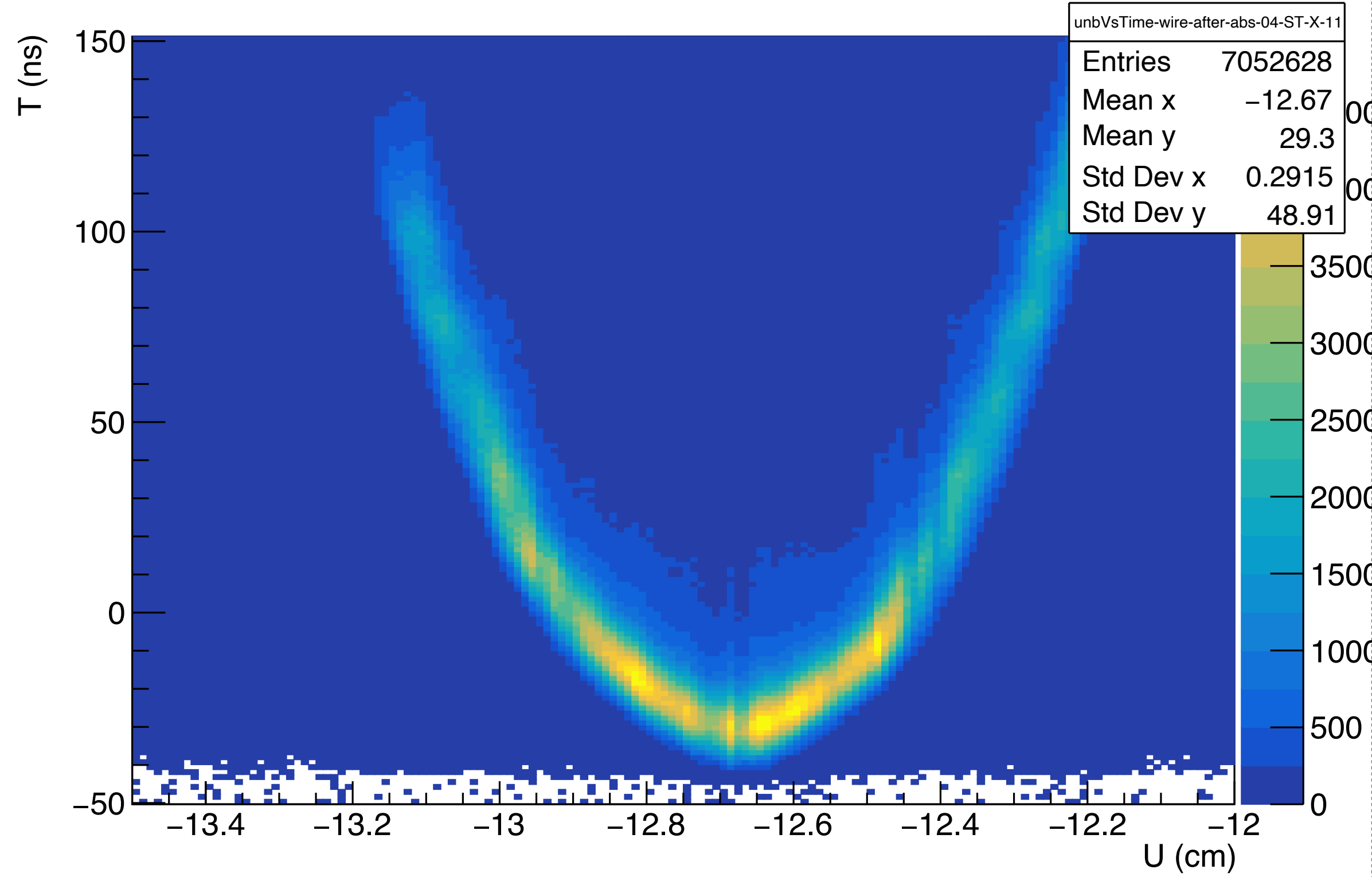
Spatial resolution is about 240 μm

RUN8 (TIGER) vs RUN38(+Mu2E)

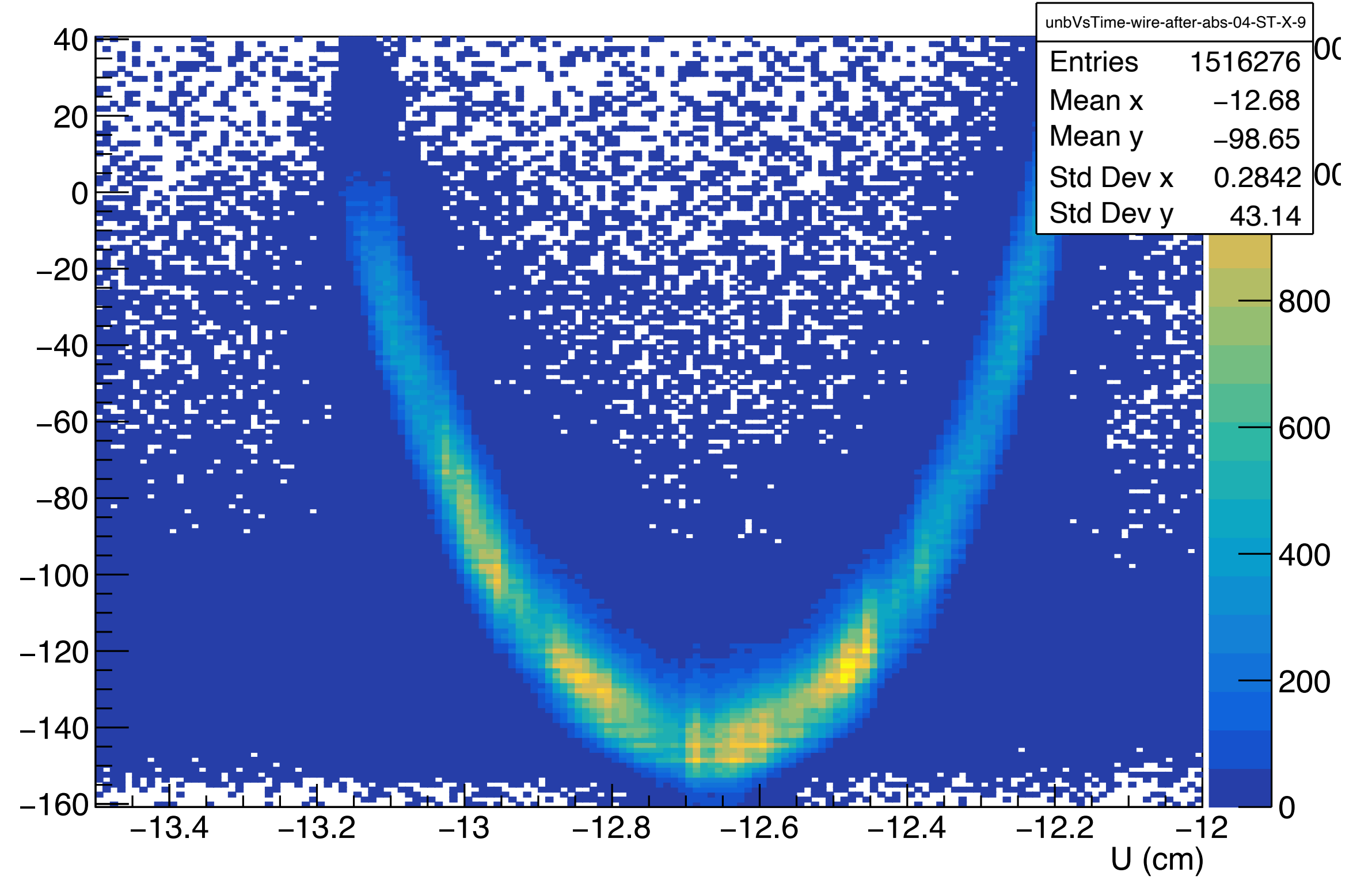
RUN 8

RUN 38

Initial vShape



Initial vShape

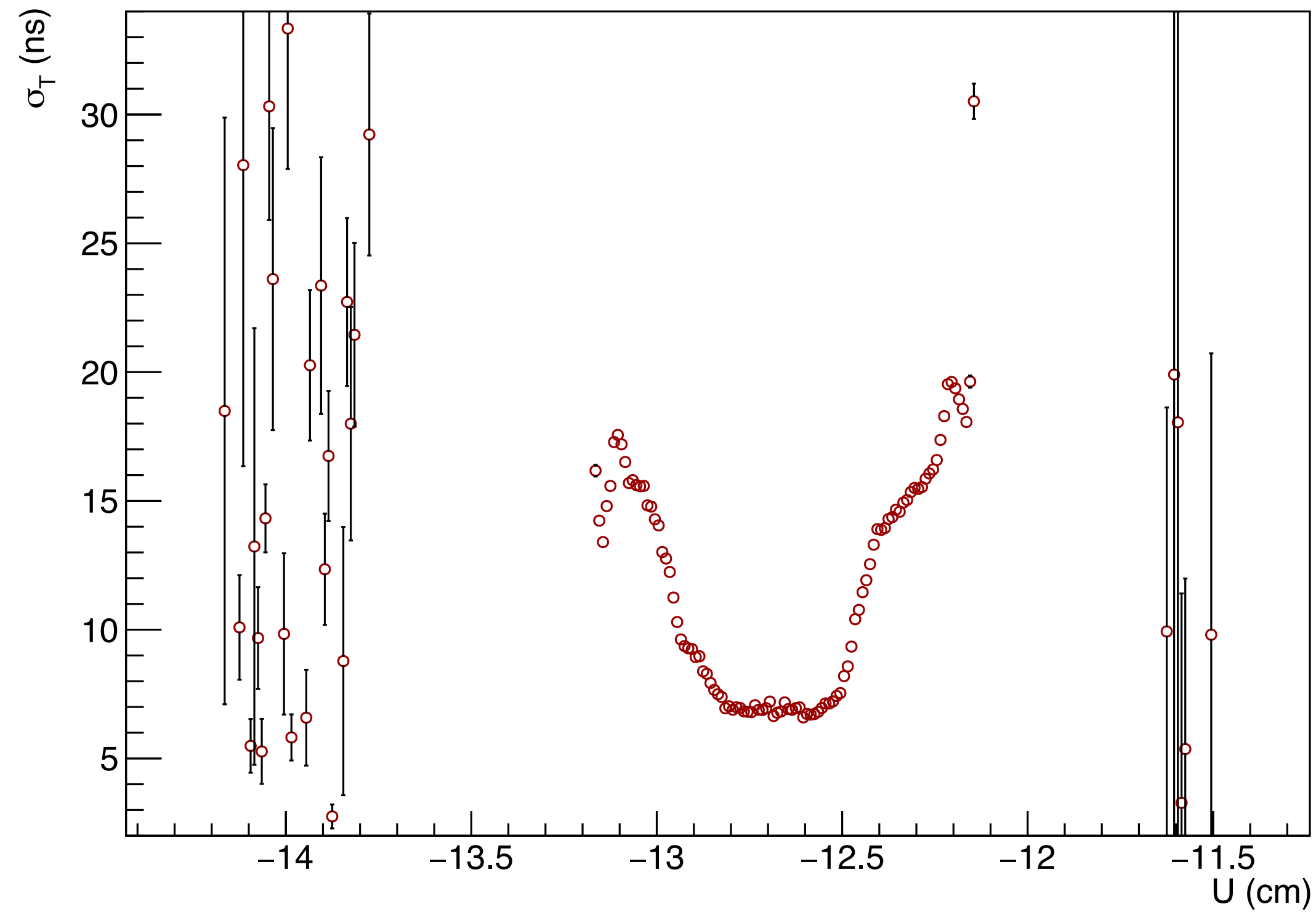


RUN8 (TIGER) vs RUN38(+Mu2E)

RUN 8

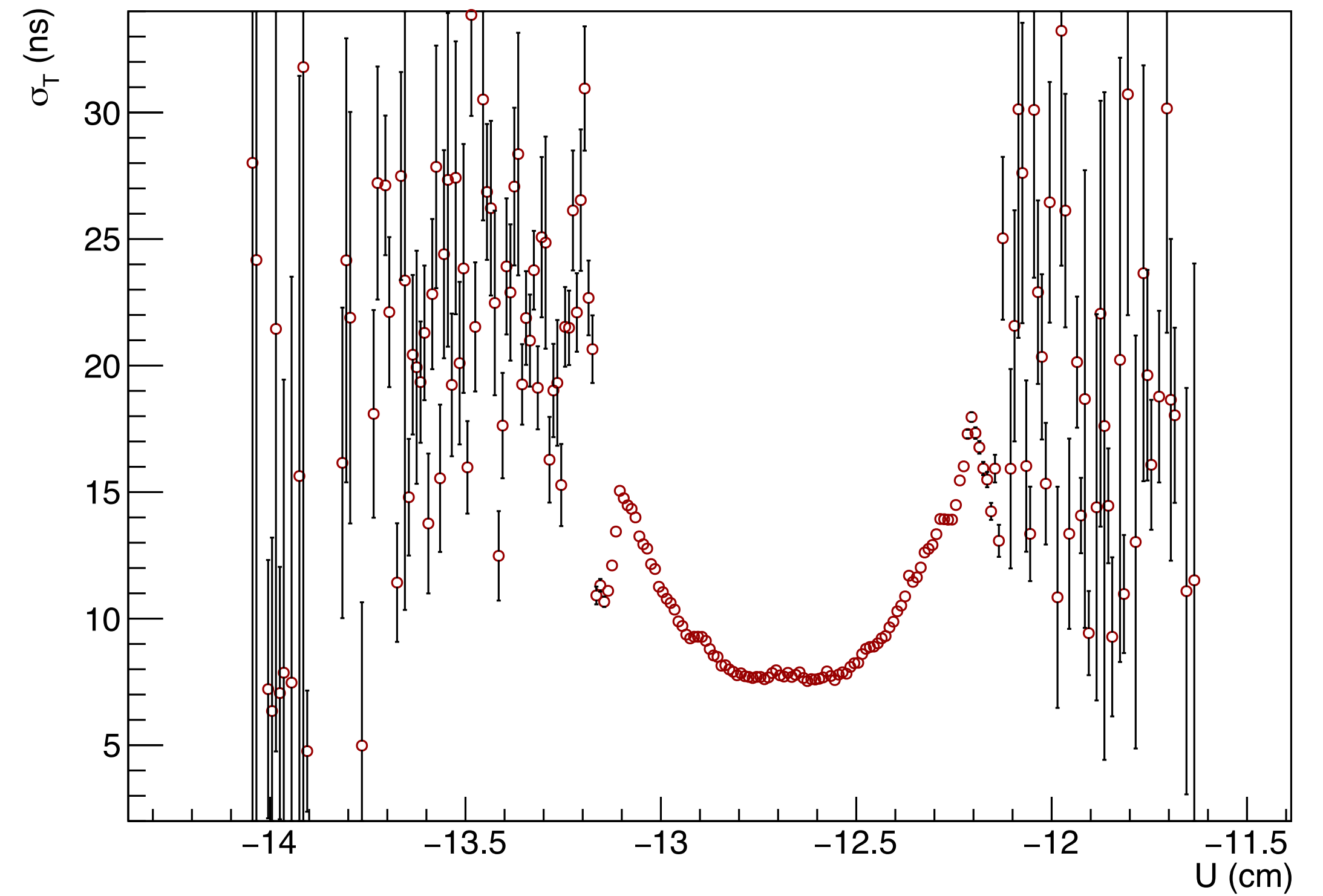
RUN 38

$$\sigma_T = f(U)$$



Spatial resolution is about 312 μm

$$\sigma_T = f(U)$$



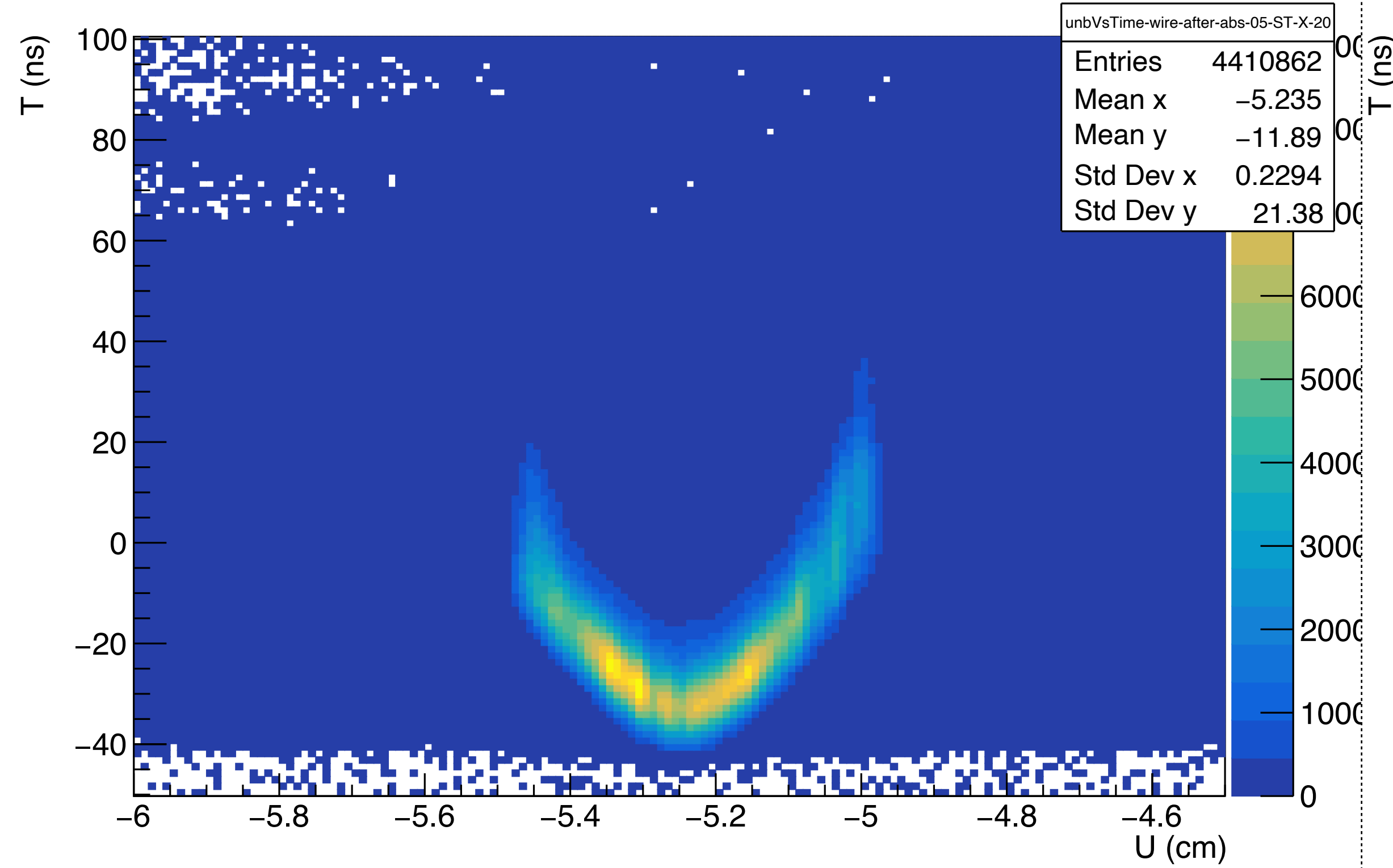
Spatial resolution is about 270 μm

RUN8 (TIGER) vs RUN38(+Mu2E)

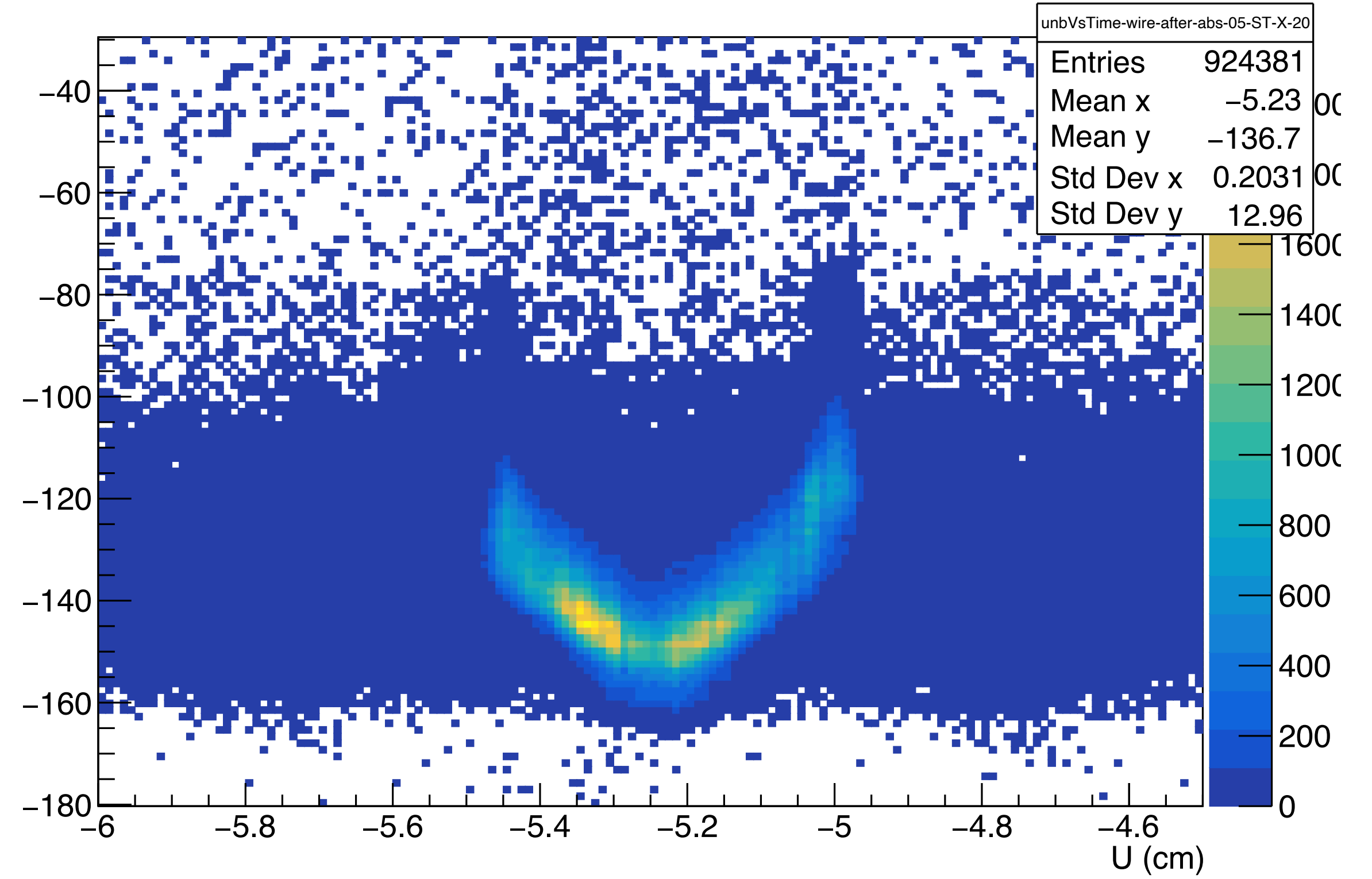
RUN 8

RUN 38

Initial vShape



Initial vShape

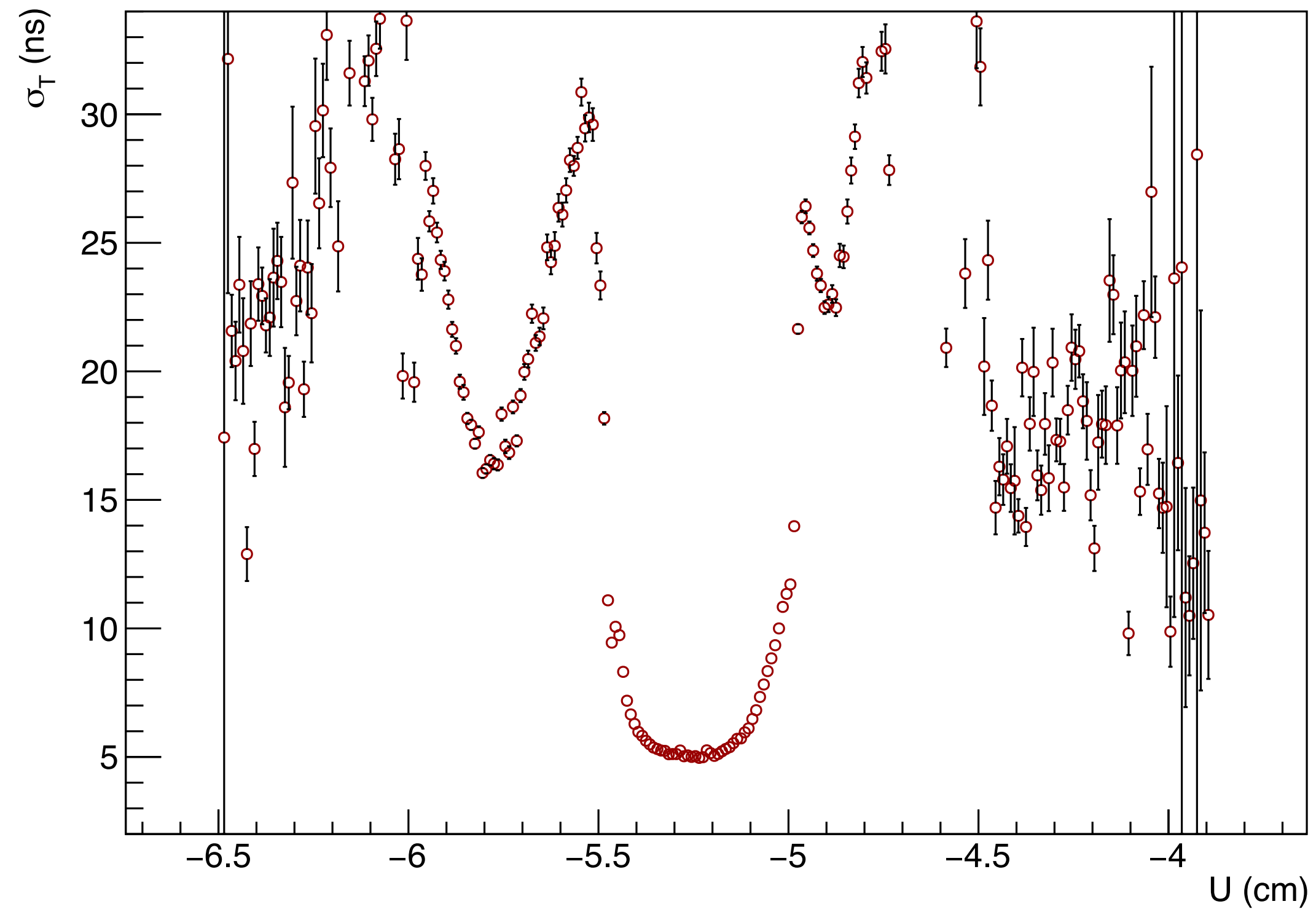


RUN8 (TIGER) vs RUN38(+Mu2E)

RUN 8

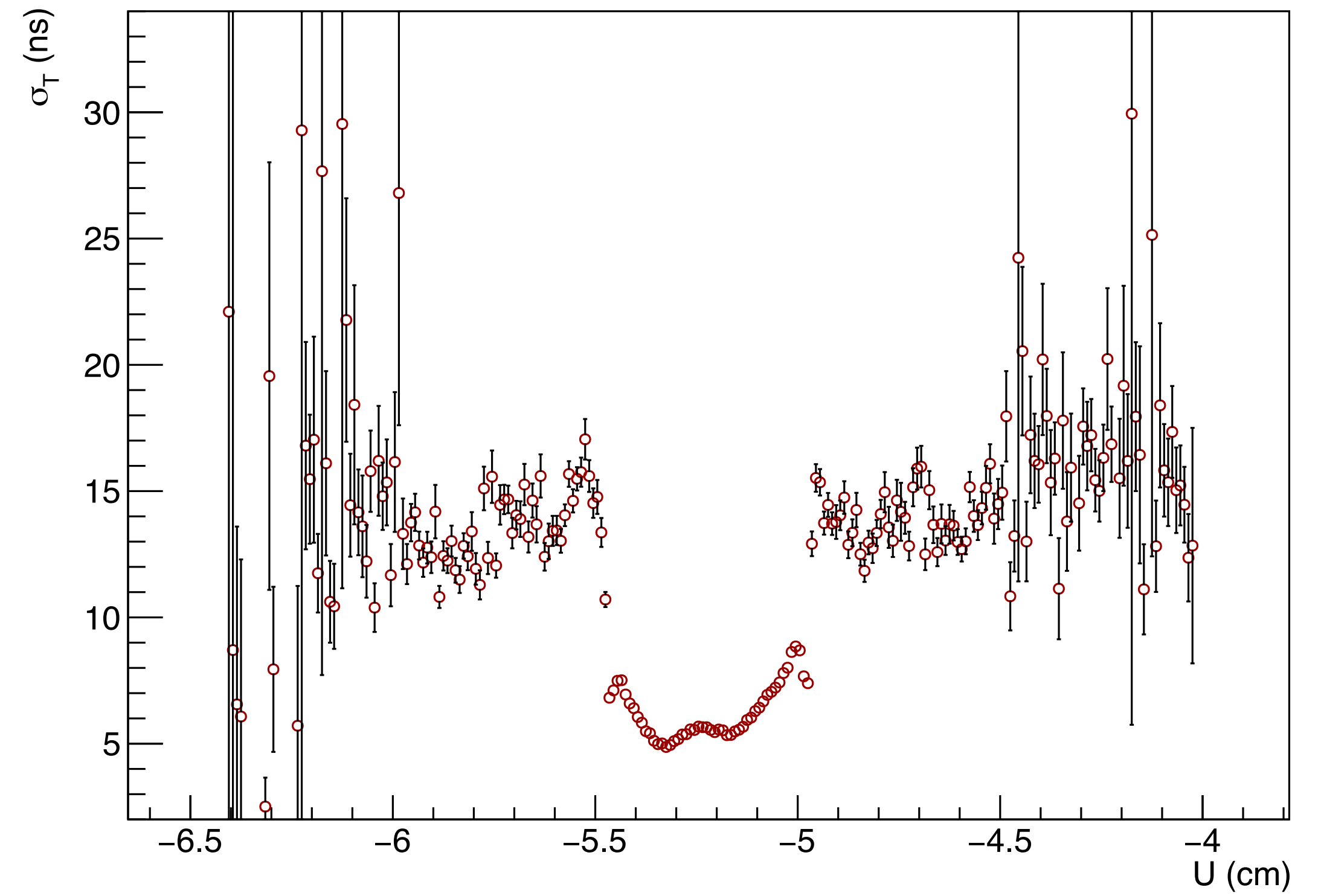
RUN 38

$\sigma_T = f(U)$



Spatial resolution is about 300 μm

$\sigma_T = f(U)$



Spatial resolution is about 400 μm