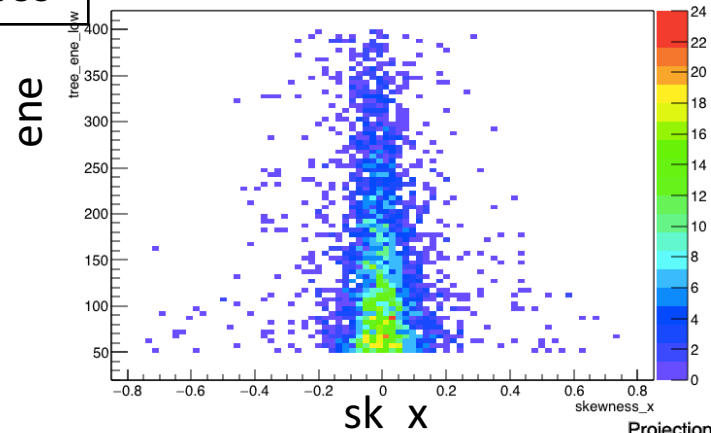


## 0.3b Yakabe analysis cross check

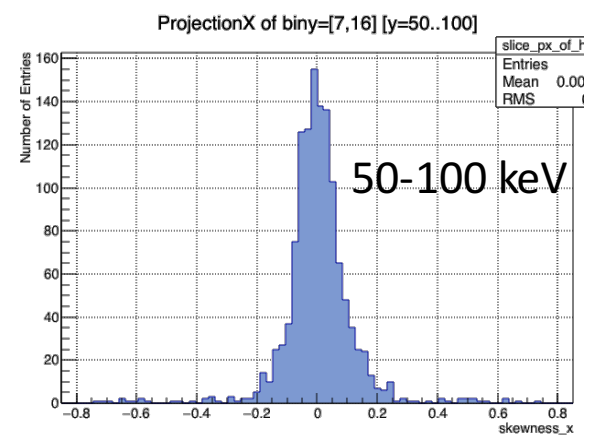
Cf +X pos

tree\_ene\_low:skewness\_x {tree\_ene\_low>10}



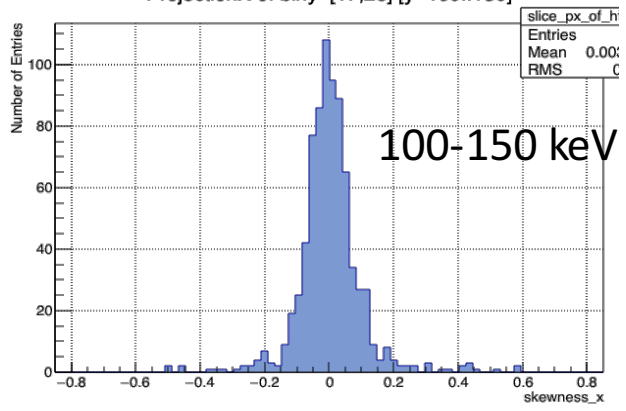
sk\_x vs. Ene  
no cut of angle  
Cf +X pos

統計的に同じ傾向



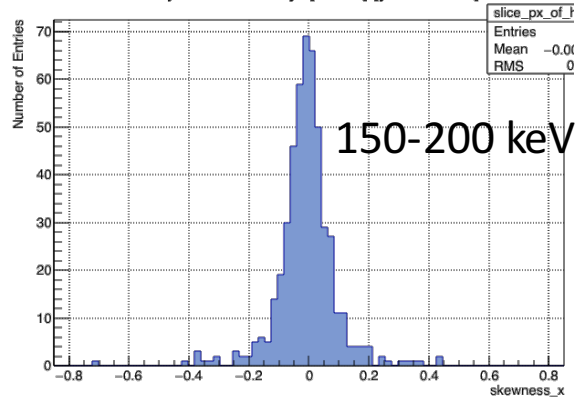
50-100 keV

ProjectionX of biny=[17,26] [y=100..150]



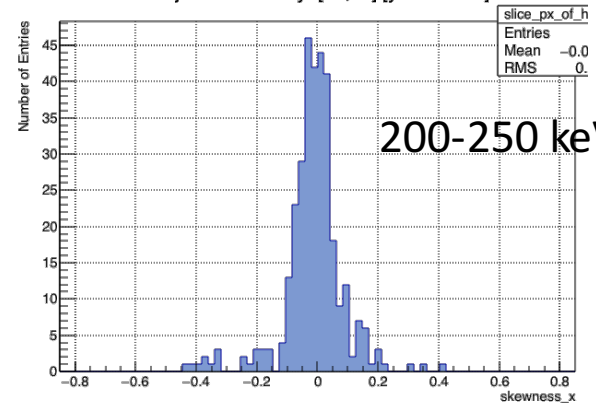
100-150 keV

ProjectionX of biny=[27,36] [y=150..200]



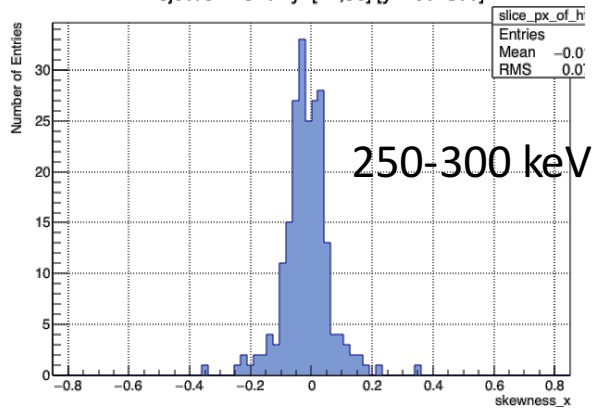
150-200 keV

ProjectionX of biny=[37,46] [y=200..250]



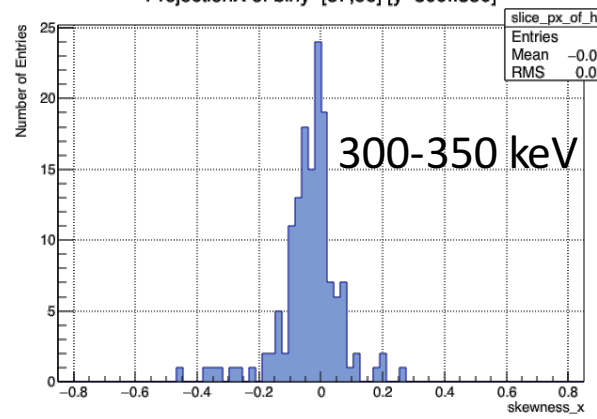
200-250 keV

ProjectionX of biny=[47,56] [y=250..300]



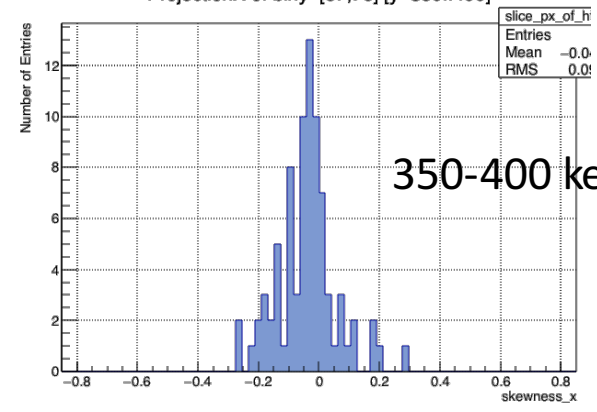
250-300 keV

ProjectionX of biny=[57,66] [y=300..350]



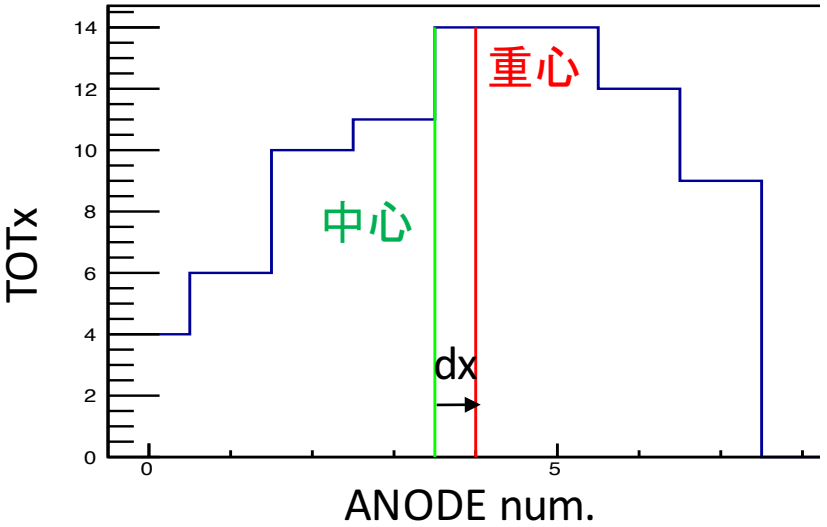
300-350 keV

ProjectionX of biny=[67,76] [y=350..400]

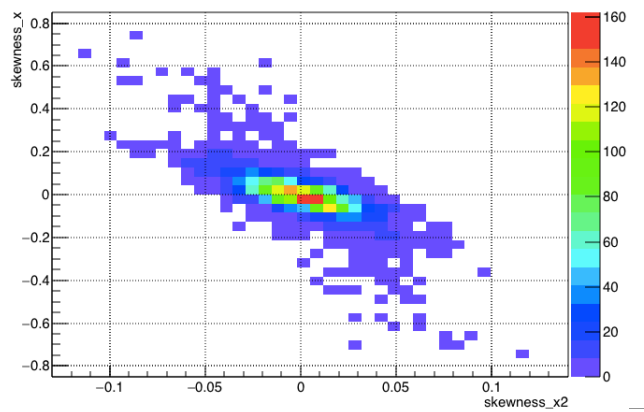


350-400 keV

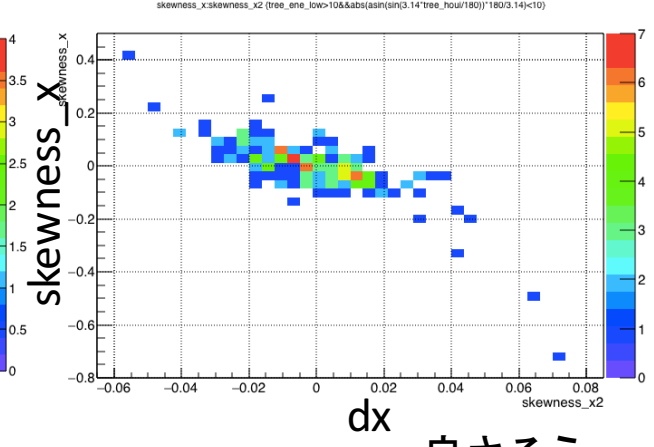
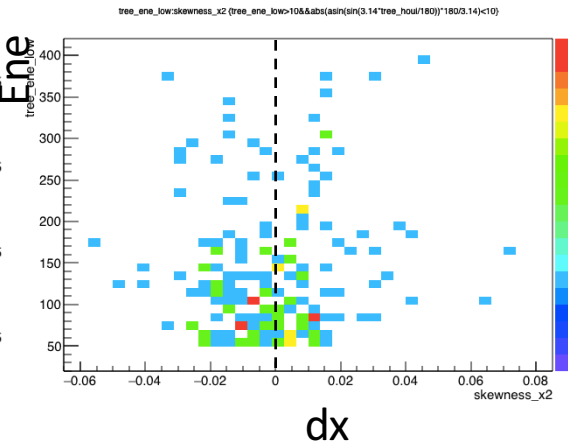
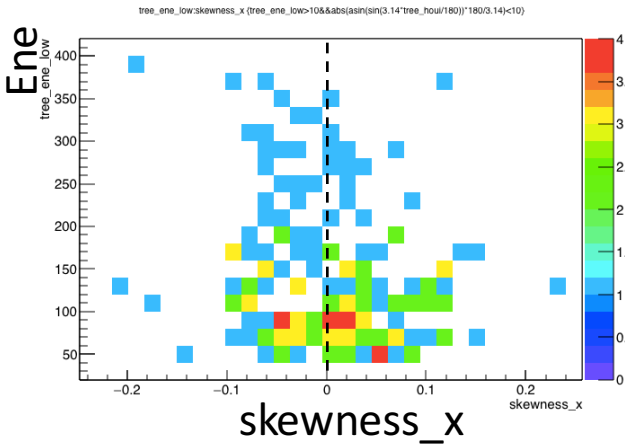
Cf +X pos



**skX=-0.2579**  
**dx = 0.0625**  
**E =51.900 keV**  
 skewnessとdxは糸

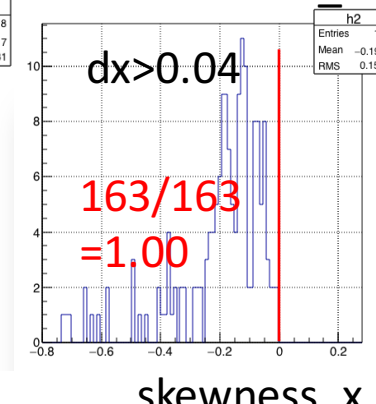
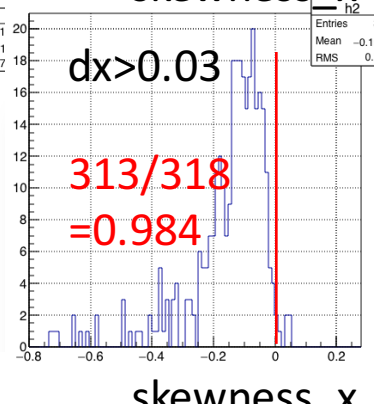
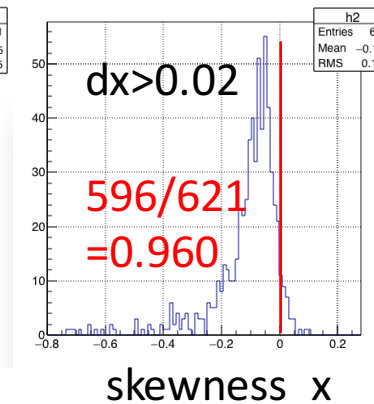
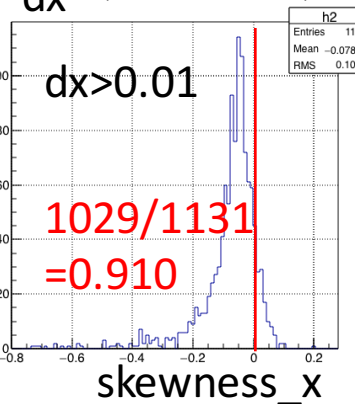
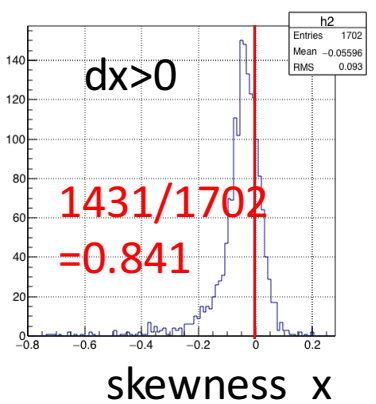
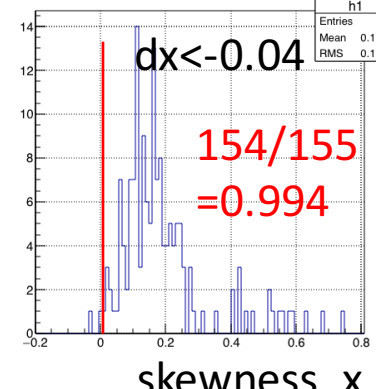
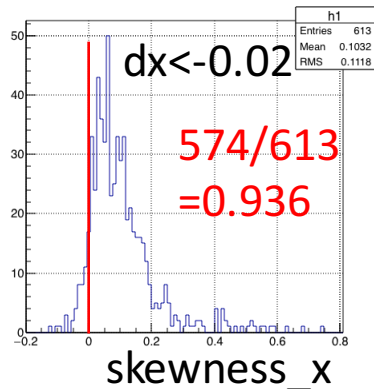
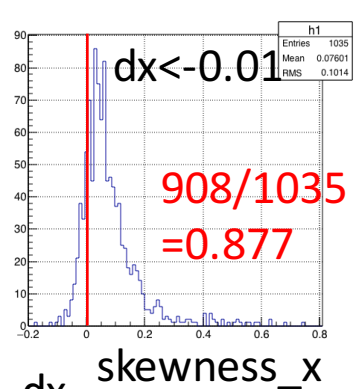
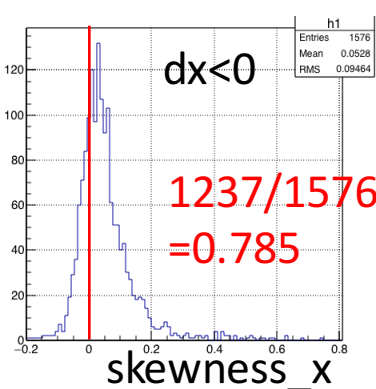
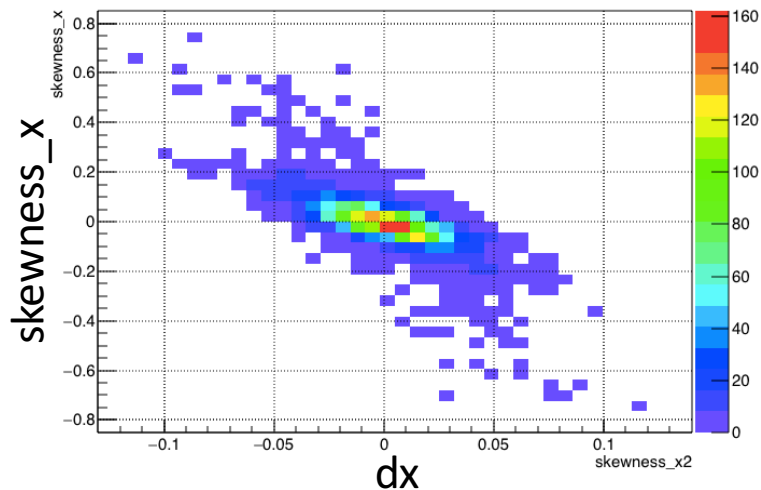


cut criteria: |houi\_org| < 10 deg.

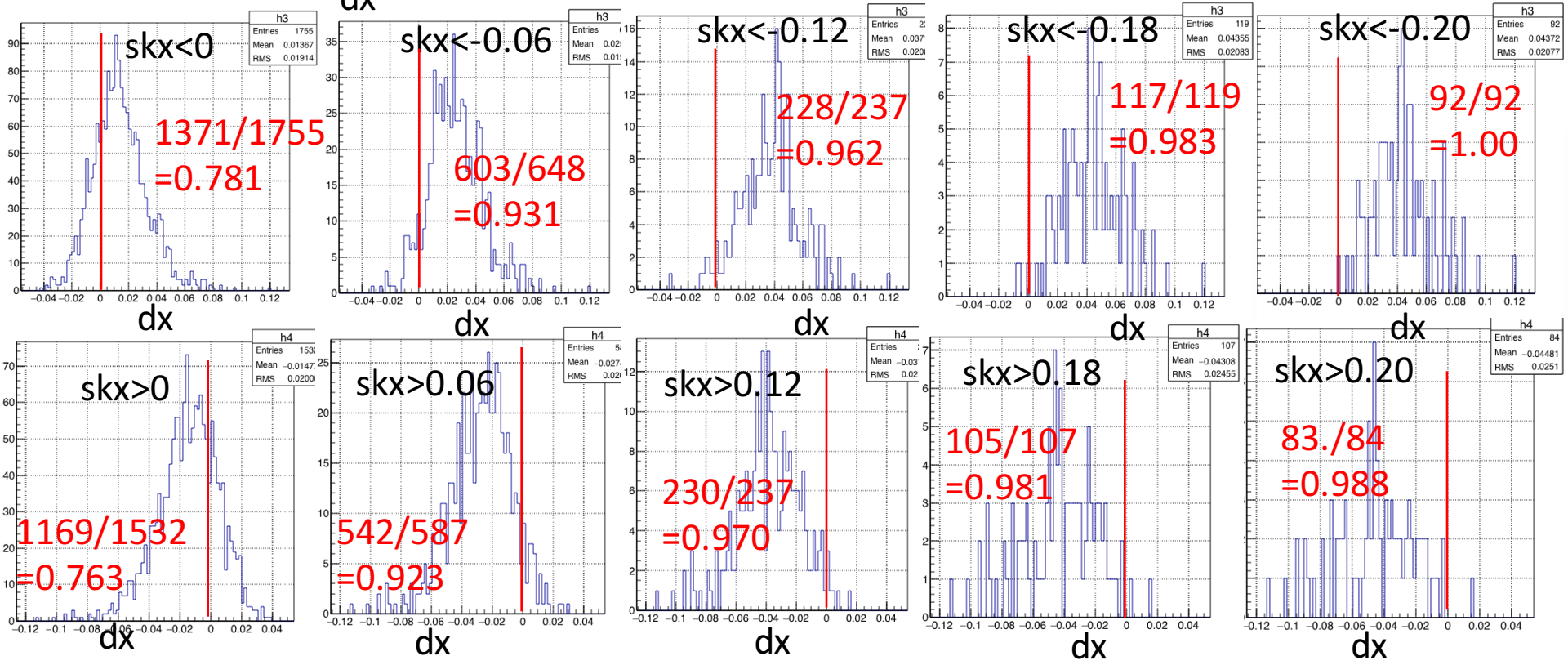
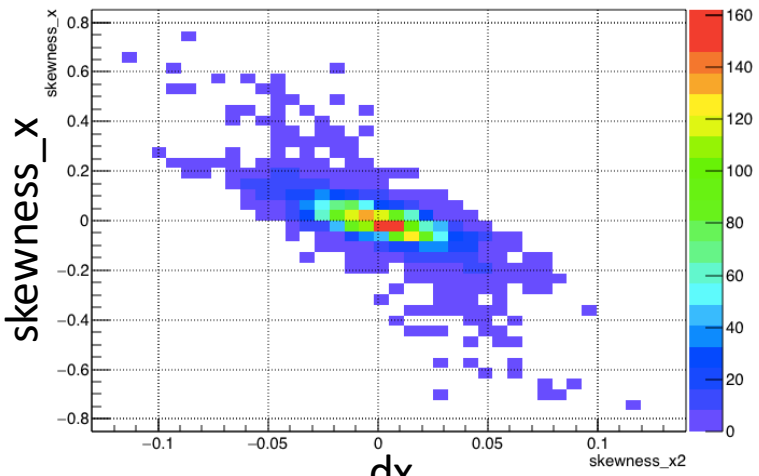


良さそう

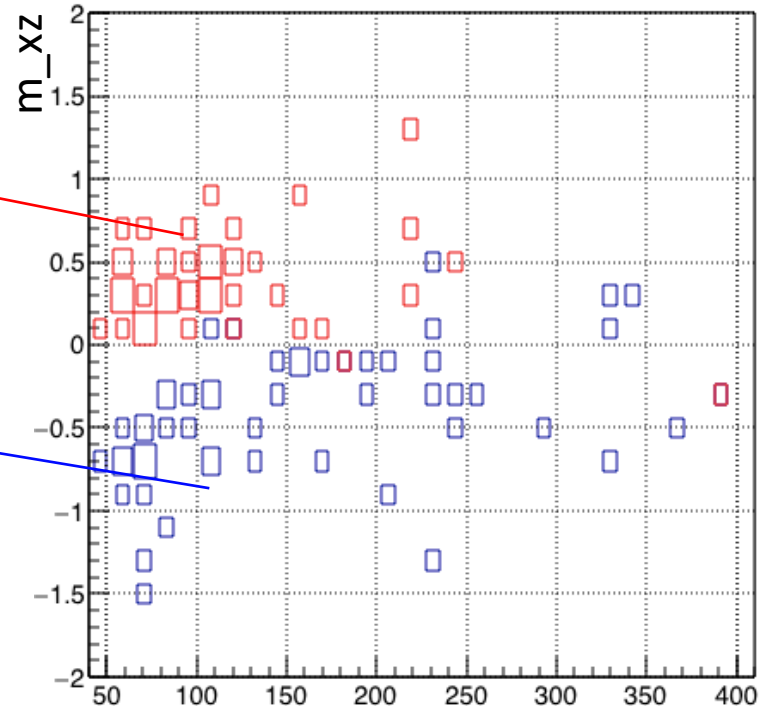
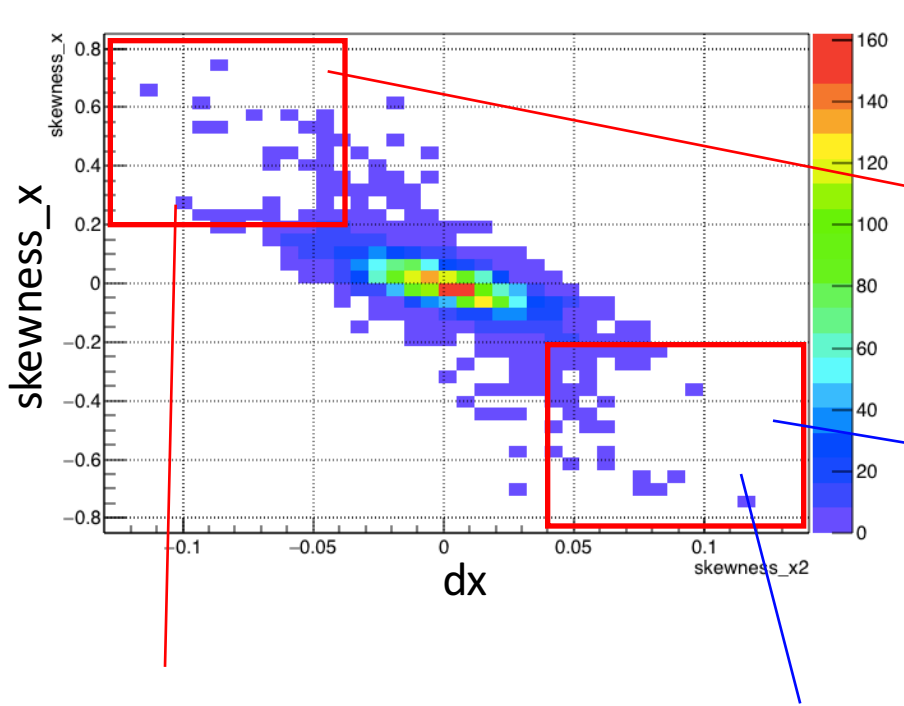
# Cf +X pos



Cf +X pos

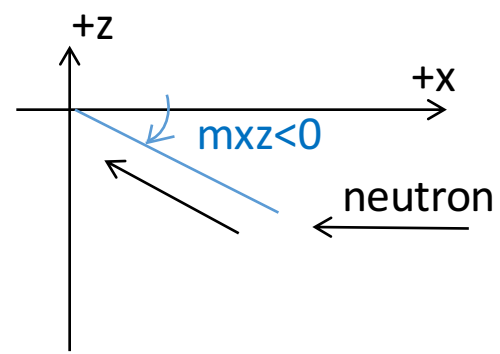
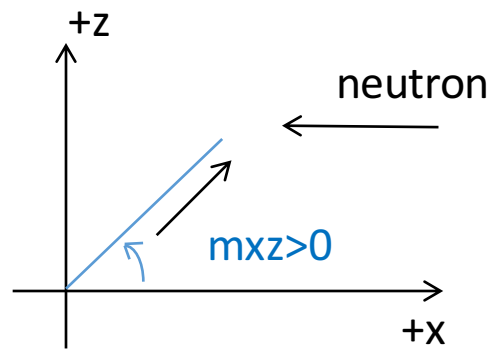


Cf +X pos



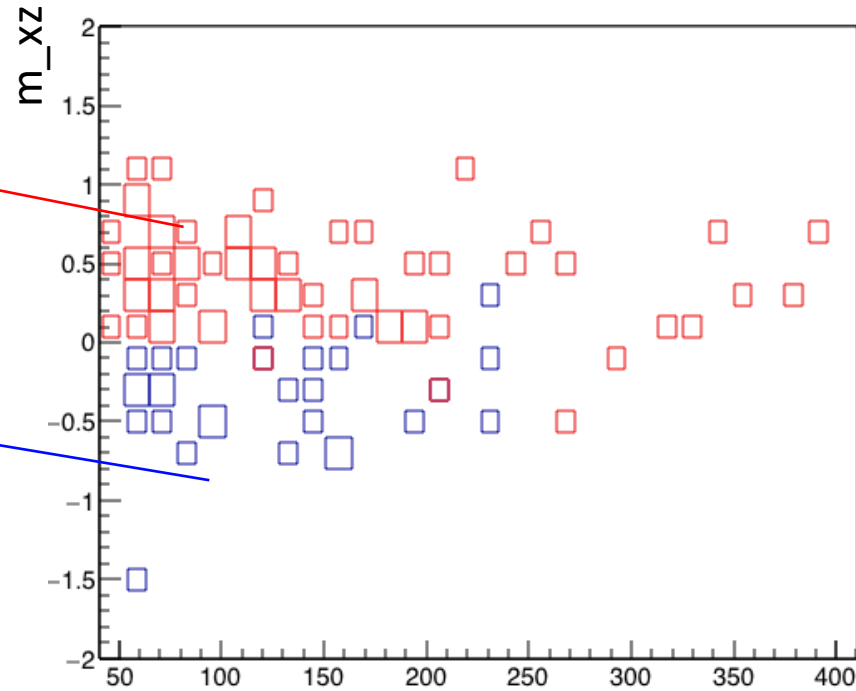
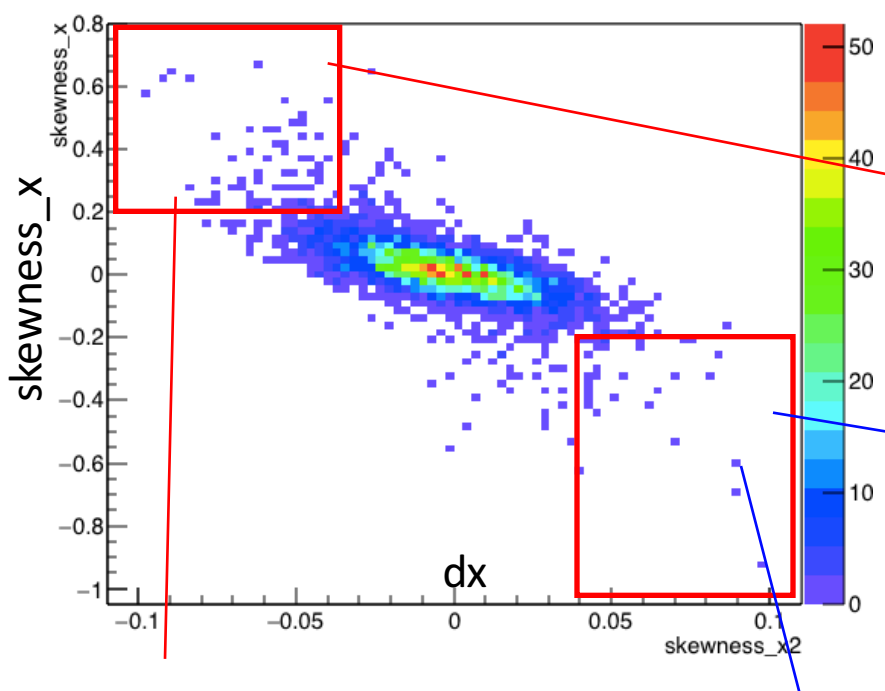
$skx > 0.2 \ \& \ dx < -0.04$

$skx < -0.2 \ \& \ dx > 0.04$



Ene (keV)

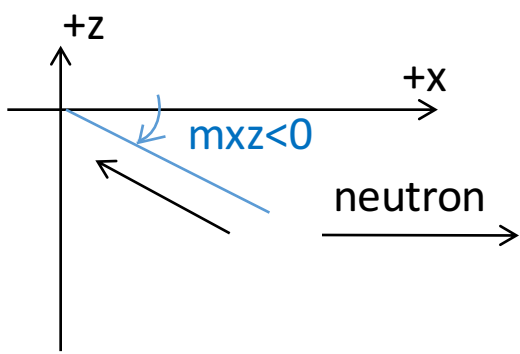
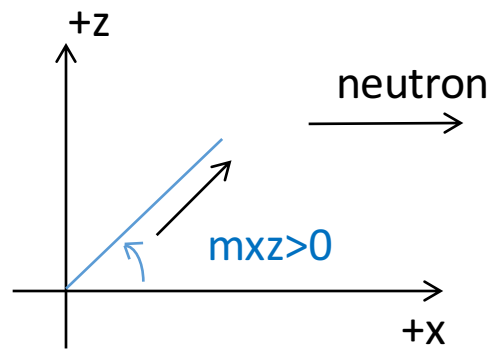
Cf -X pos



skx > 0.2 & dx < -0.04

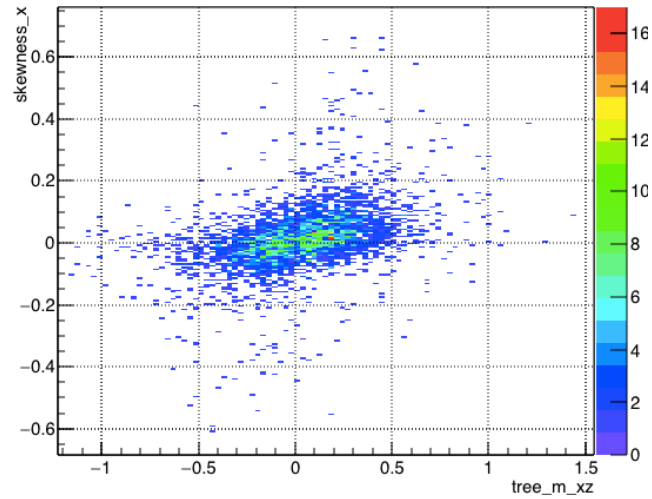
skx < -0.2 & dx > 0.04

Ene (keV)

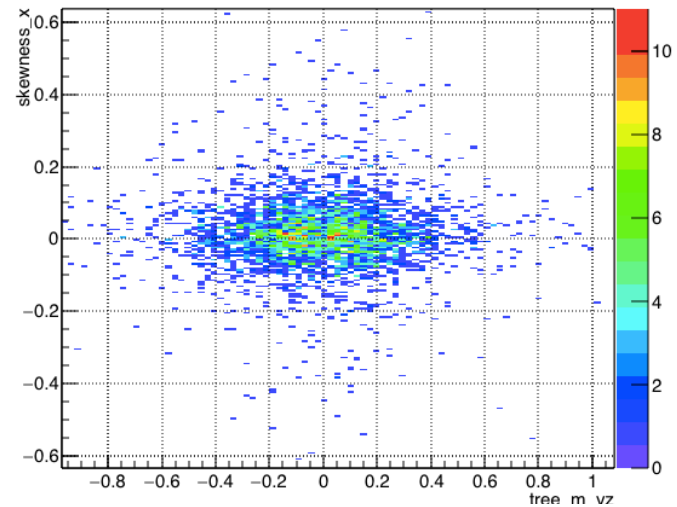


# XZ(YZ)傾きとskewness\_x(Y)は関係している？

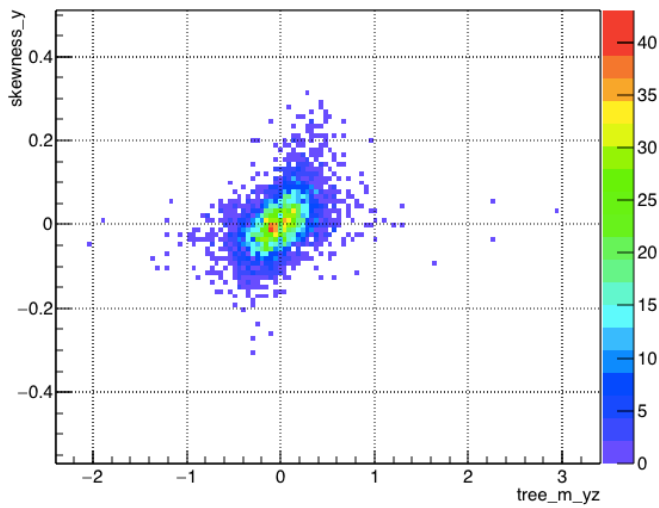
skewness\_x:tree\_m\_xz {tree\_ene\_low>10}



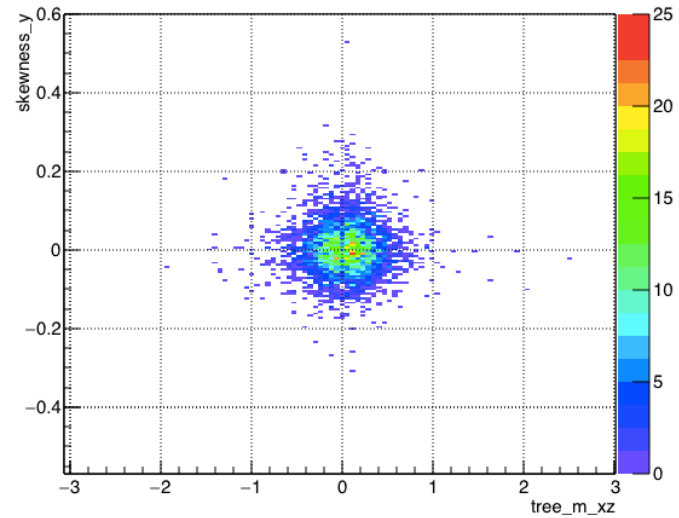
skewness\_x:tree\_m\_yz {tree\_ene\_low>10}



skewness\_y:tree\_m\_yz {tree\_ene\_low>10}



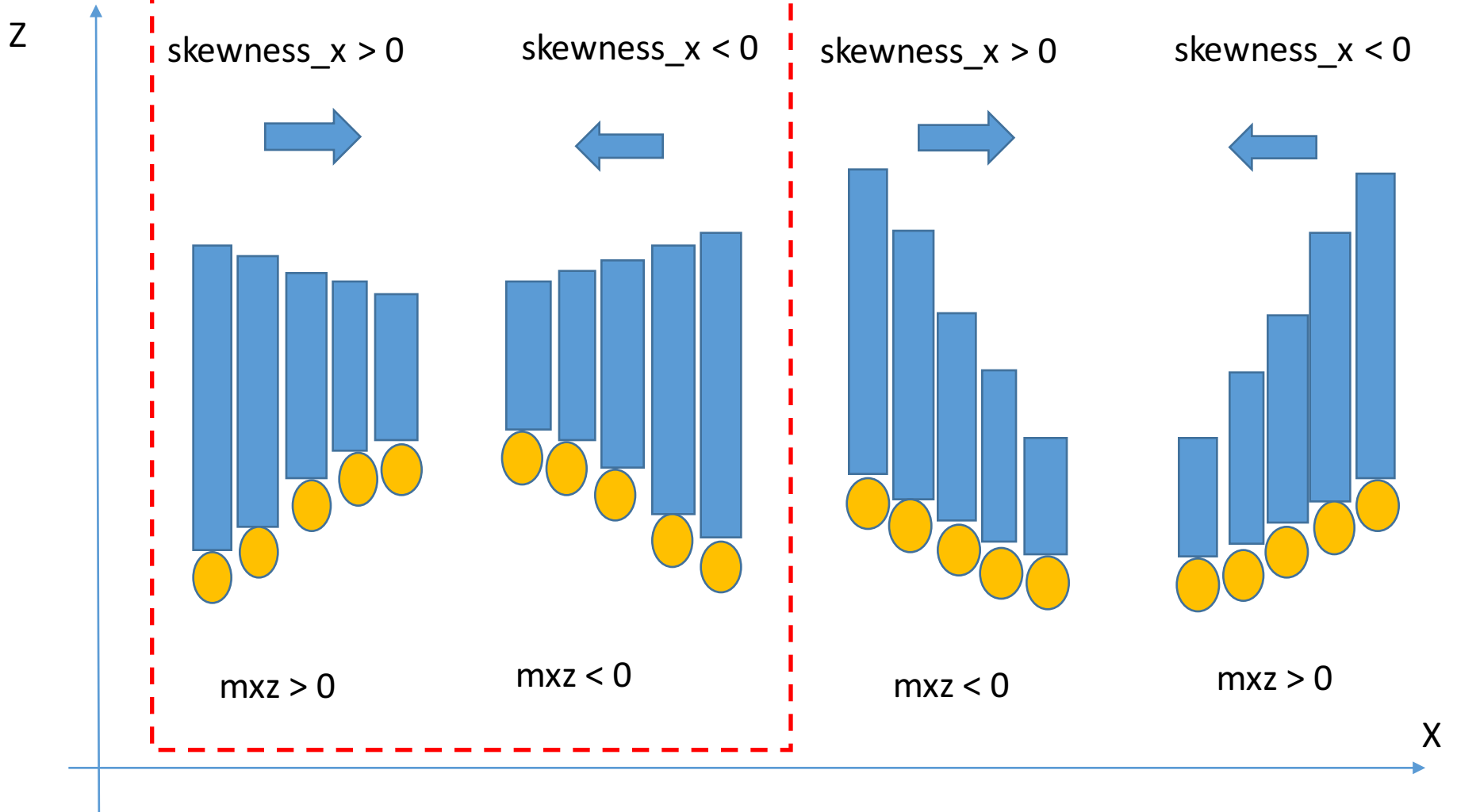
skewness\_y:tree\_m\_xz {tree\_ene\_low>10}



これが原因で前後判定すると仰角上向が多いのでは？



# ほとんどこっちの傾向



確かにz diffusionが問題か  
e-の量でドリフト速度が変わるか、、、  
随分mxz分布は1未満が多い、なぜ？垂直成分が全然いない