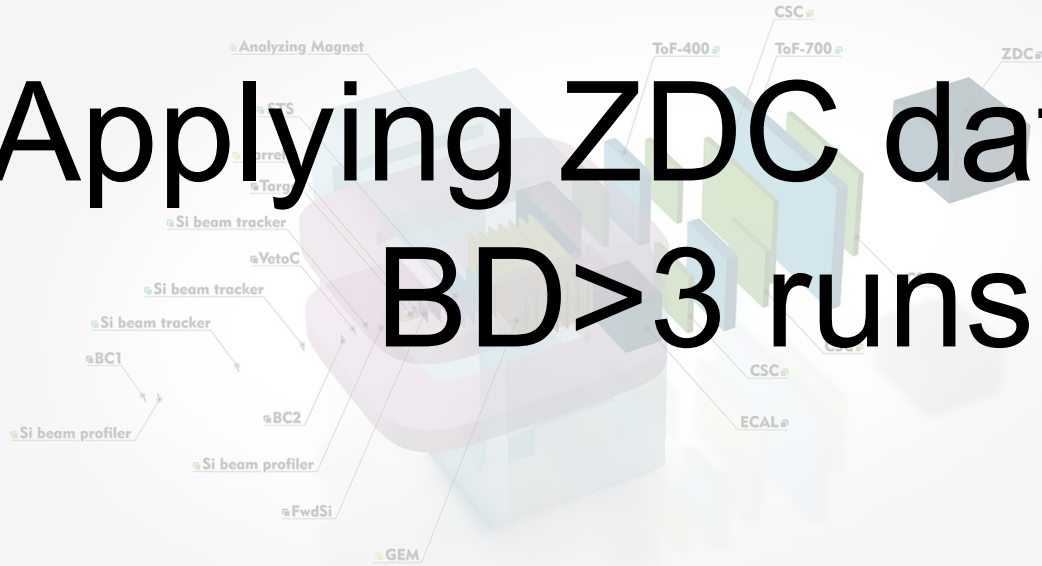


# Applying ZDC data to ArSn BD>3 runs set



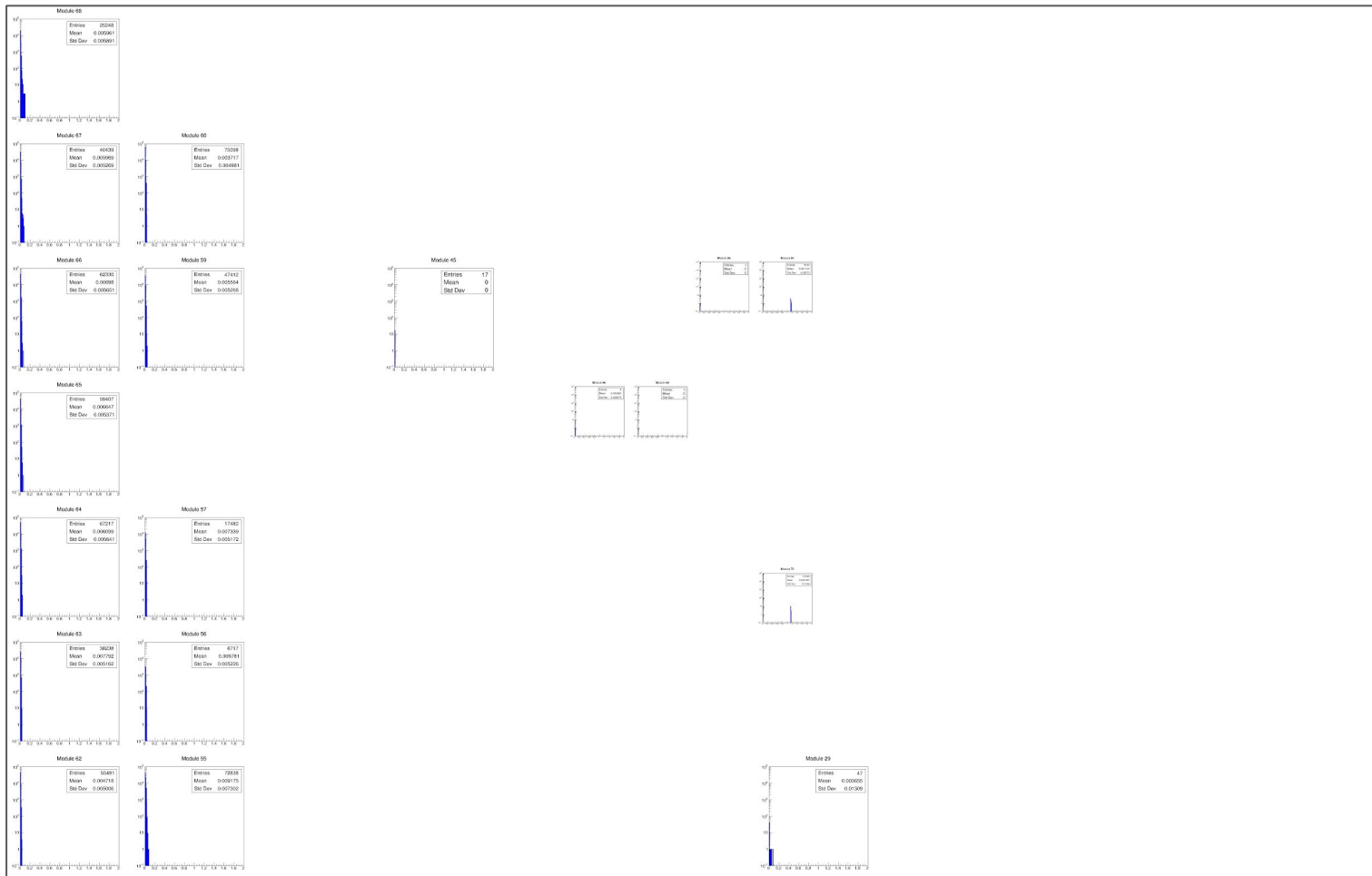
# ArSn BD>3 runs set

3812, 3813, 3815, 3816, 3817, 3899, 3901, 3902, 3903, 3905,  
4021, 4022, 4023, 4024, 4035, 4109, 4111, 4113, **4134**, 4229,  
4230, 4232, 4233, 4236, 4292, 4294, 4295, 4298, **4486**, **4487**,  
**4488**, **4489**, **4490**, **4593**, **4594**, **4595**, **4596**, **4598**, **4700**, **4701**,  
**4702**, **4703**, **4704**

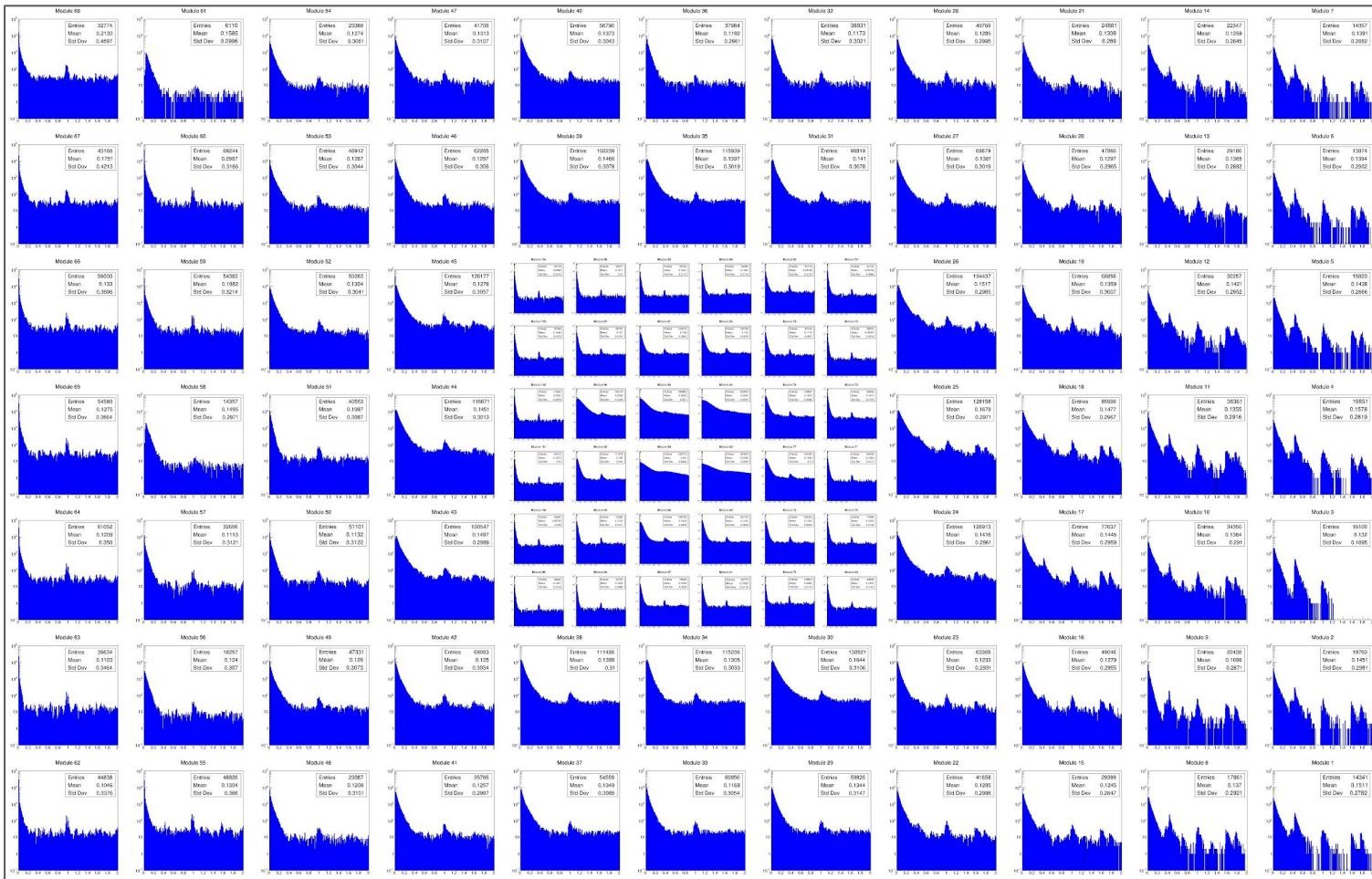
4134 - ZDC data corrupted

4486 etc. - ZDC modules spectra has high energy tail

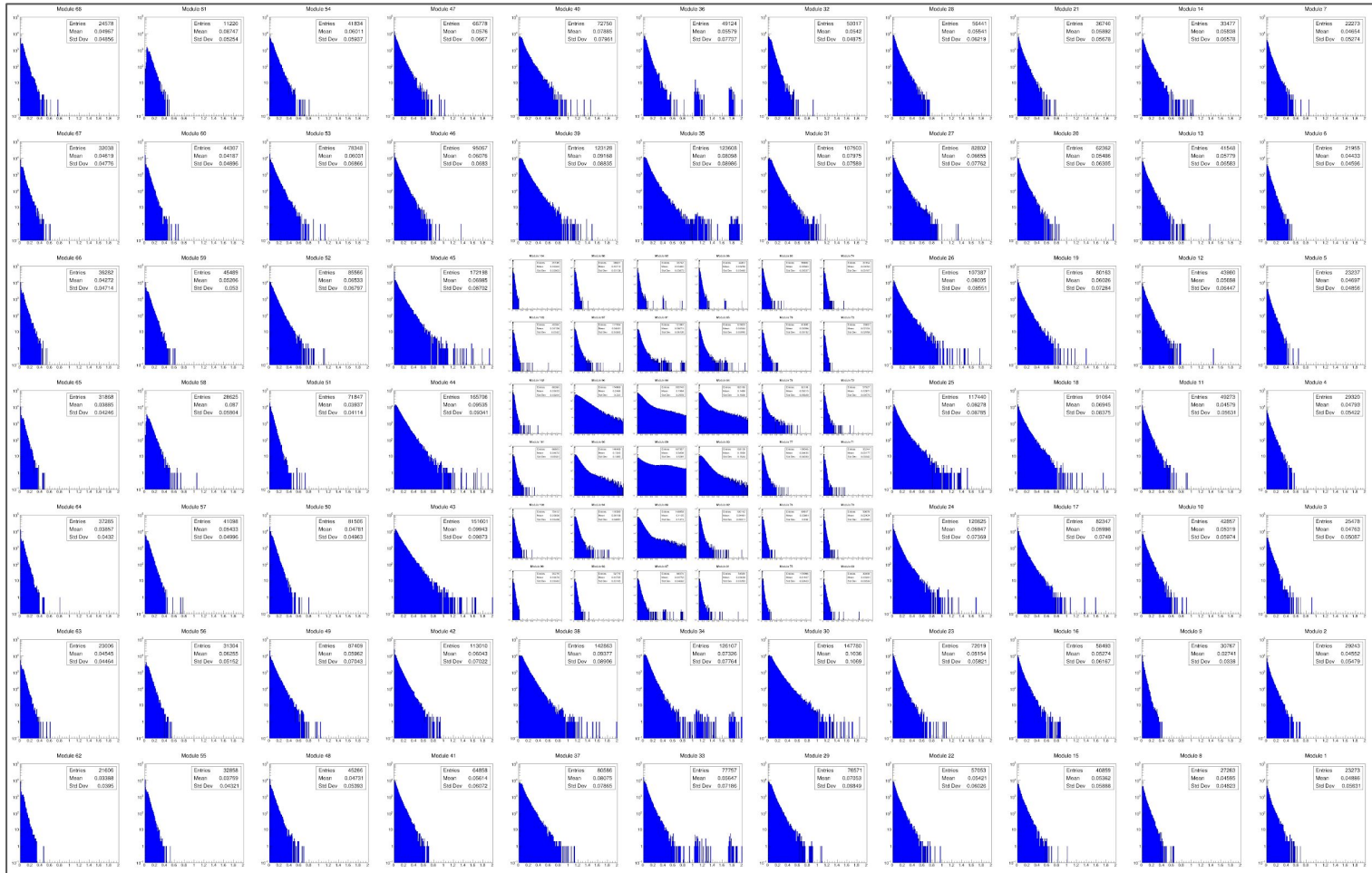
# Run 4134



# Run 4486

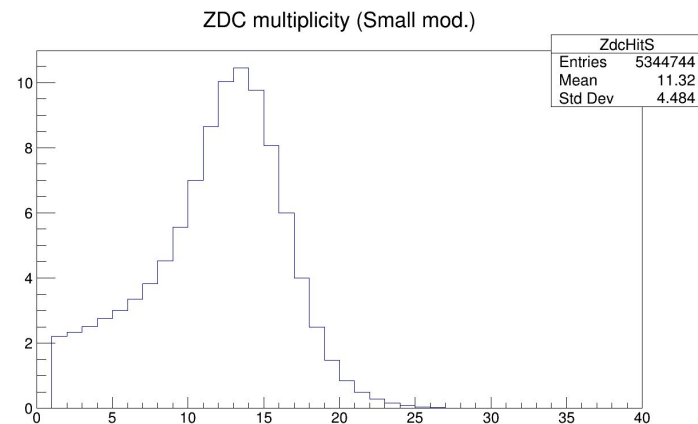
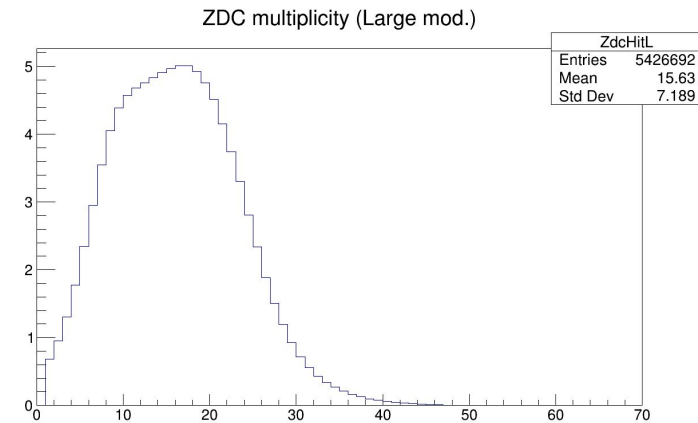
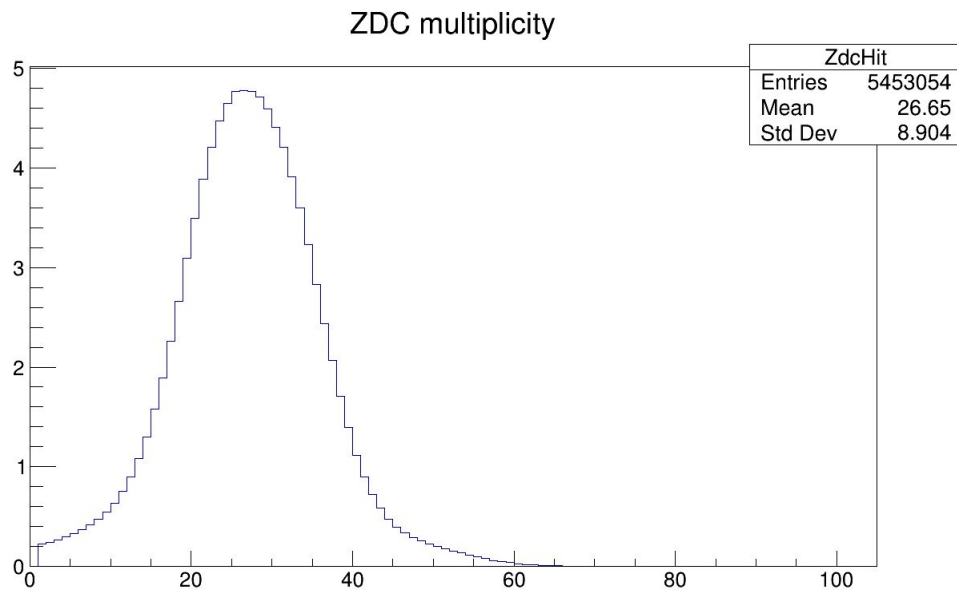


# Run 3812



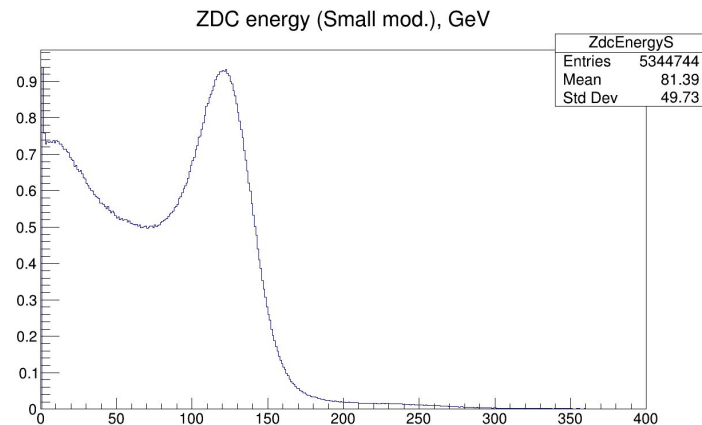
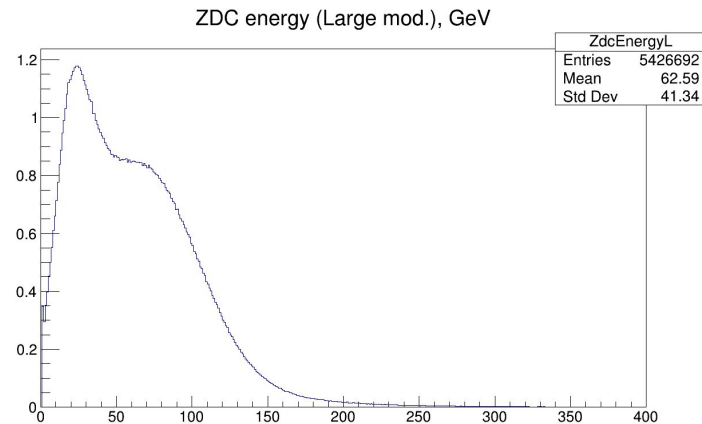
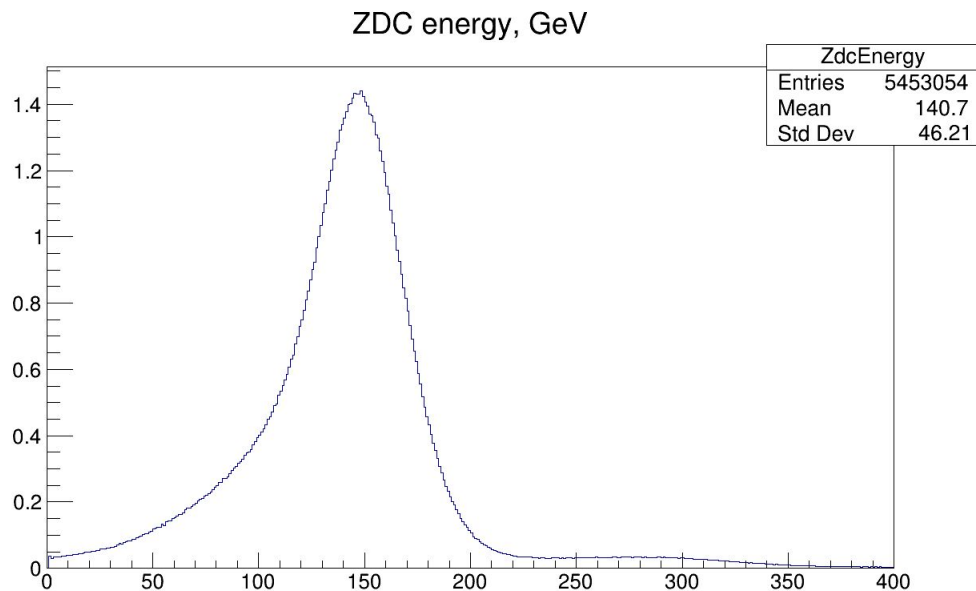
# ArSn BD>3 runs set. ZDC data

All events (no matching with vertex-data yet)



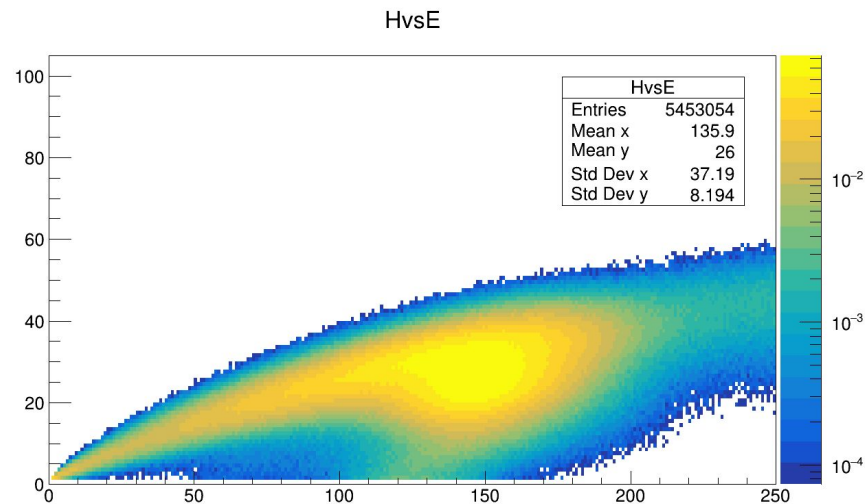
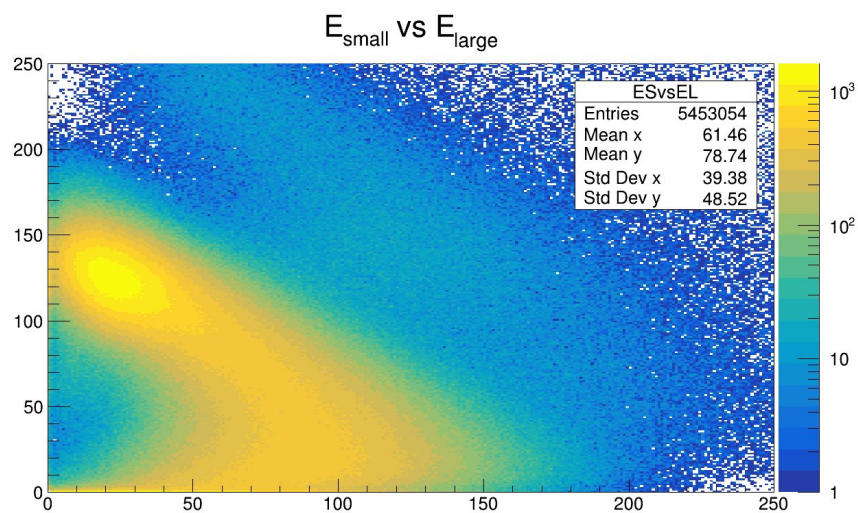
# ArSn BD>3 runs set. ZDC data

All events (no matching with vertex-data yet)



# ArSn BD>3 runs set. ZDC data

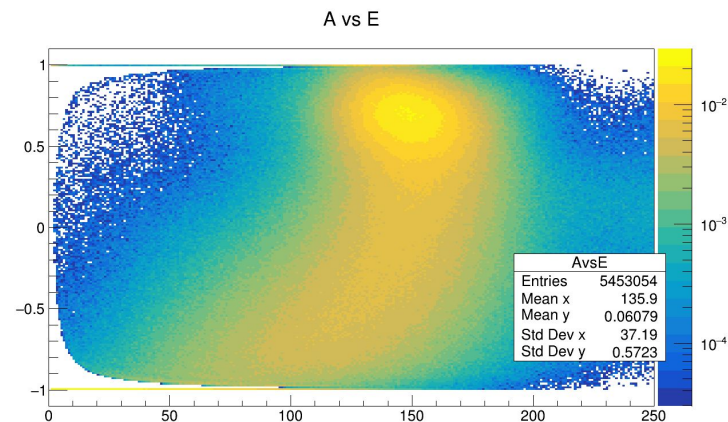
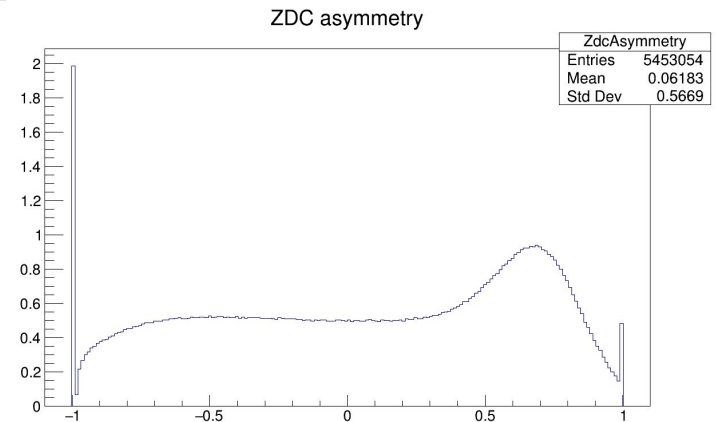
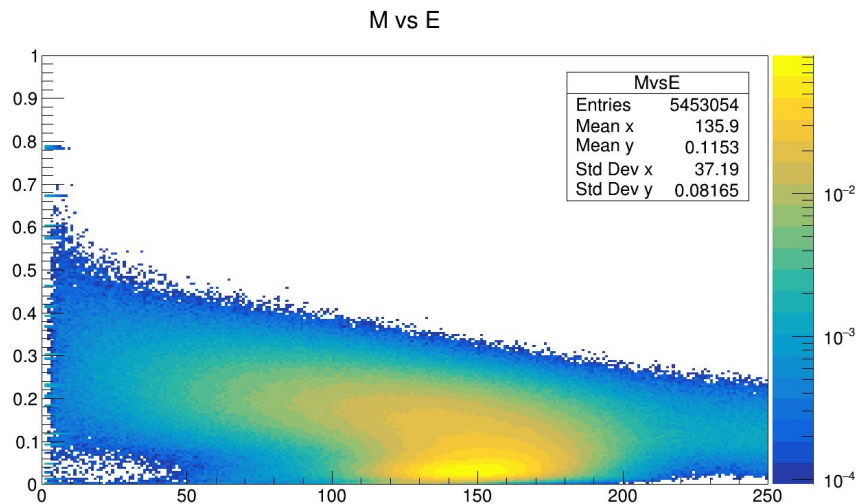
All events (no matching with vertex-data yet)





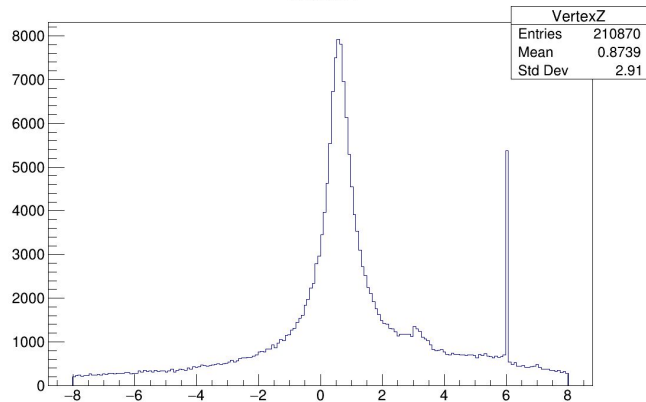
# ArSn BD>3 runs set. ZDC data

All events (no matching with prim. vertex data yet)

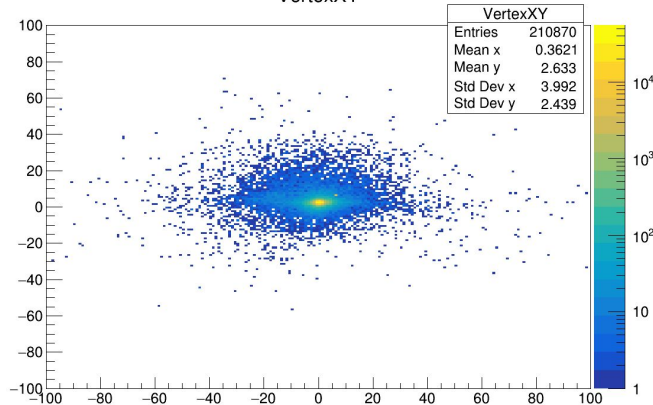


# ArSn BD>3 runs set.

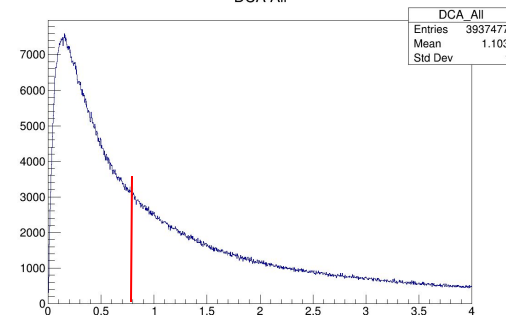
VertexZ



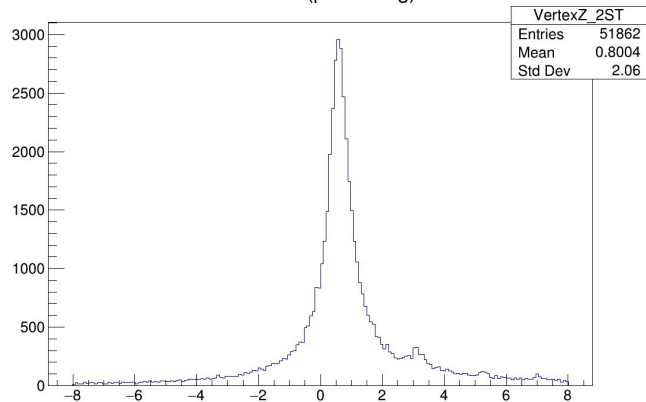
VertexXY



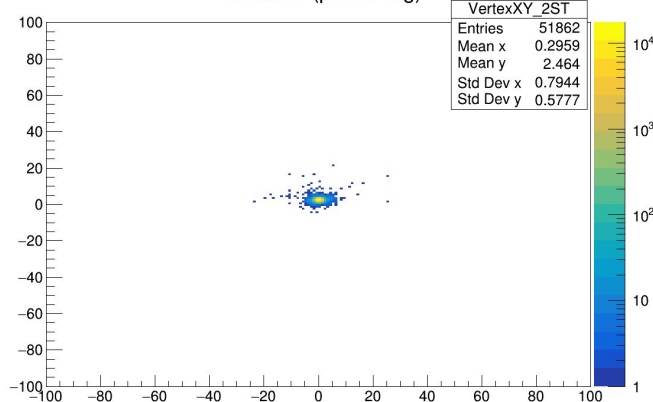
DCA All



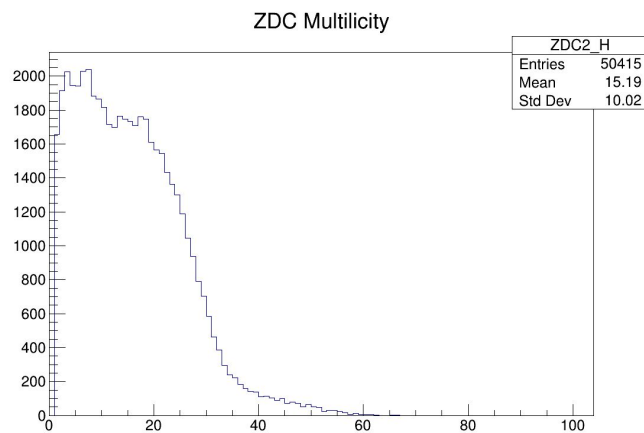
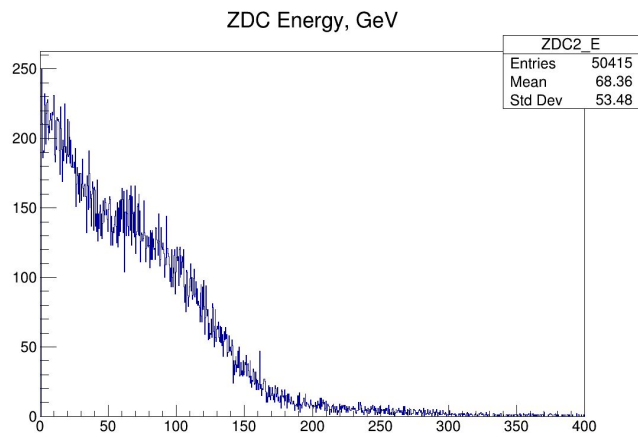
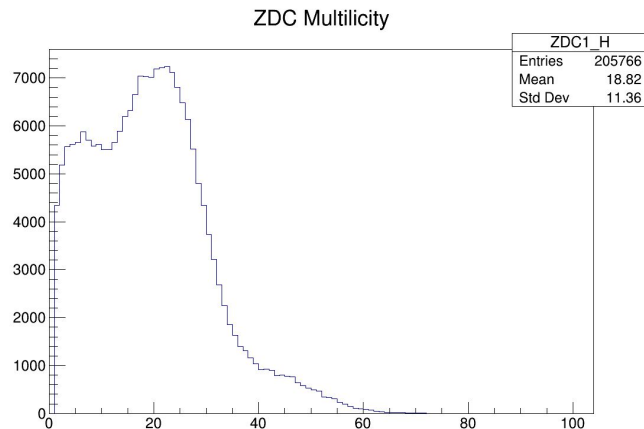
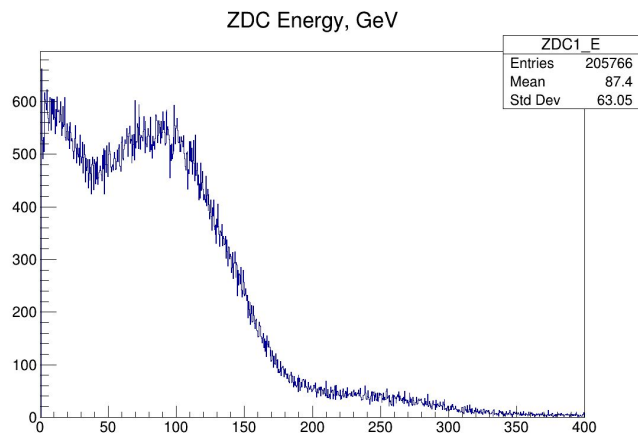
VertexZ (pos &amp; neg)

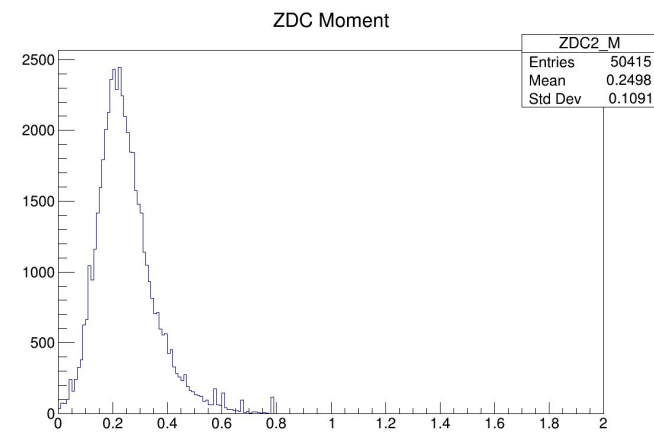
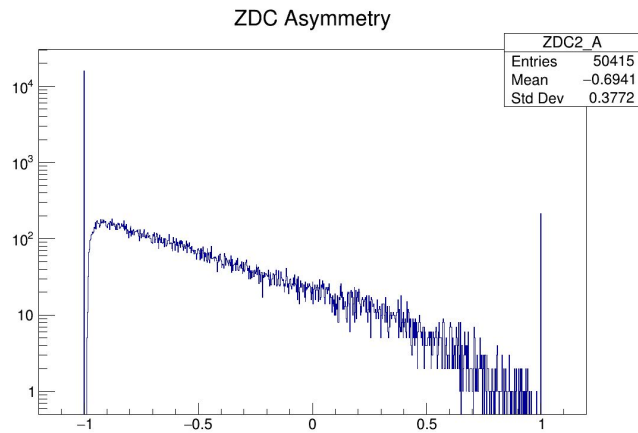
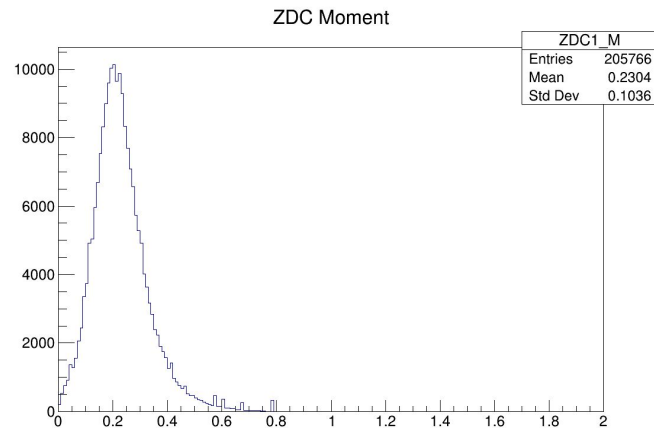
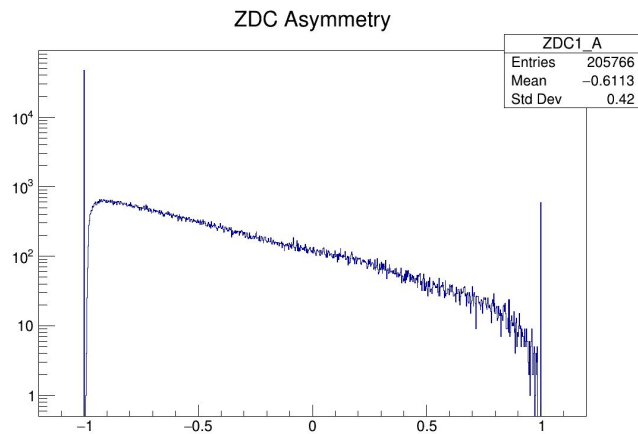


VertexXY (pos &amp; neg)



- $|Z_{\text{vertex}}| < 8$ ,
- $DCA < 0.8$
- all tracks (up)
- pos & neg track (bottom) by GetPidHypo()

ArSn BD>3 runs set.  $|\text{VertexZ}|<8$  All events (top), events with pos+neg (bootm)

ArSn BD>3 runs set.  $|\text{VertexZ}|<8$  All events (top), events with pos+neg (bootm)

ArSn BD>3 runs set.  $|Z_{\text{vertex}}| < 8$ , pos+neg. All events (top),  $E_{\text{ZDC}} < 50$  (bottom)

