D^0 Reconstruction Performance: October vs. March Campaigns

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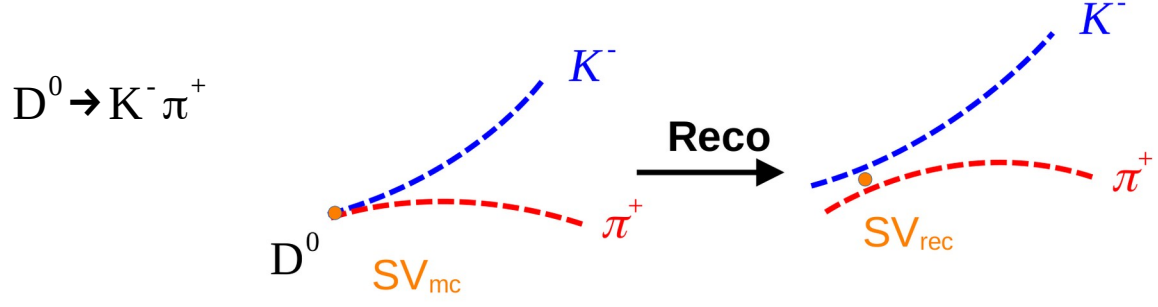
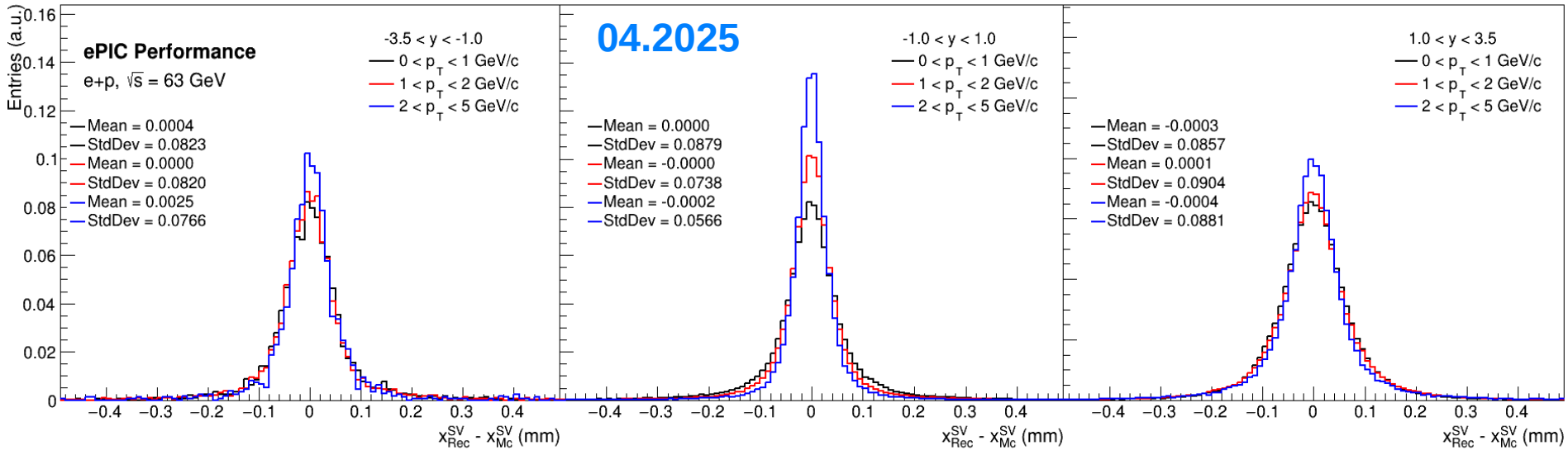
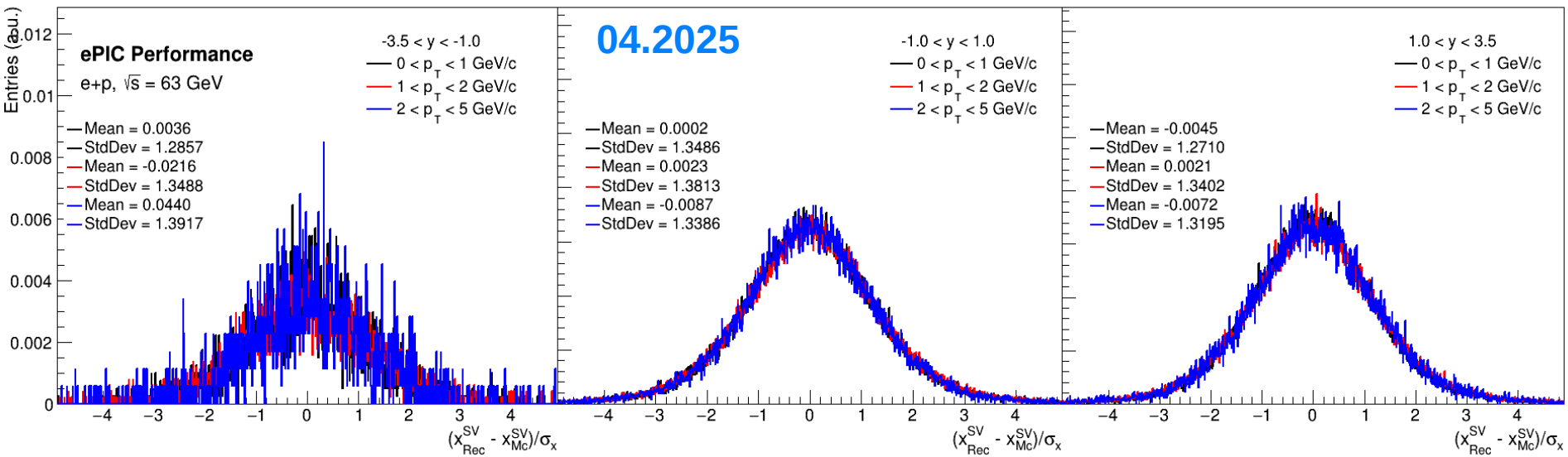


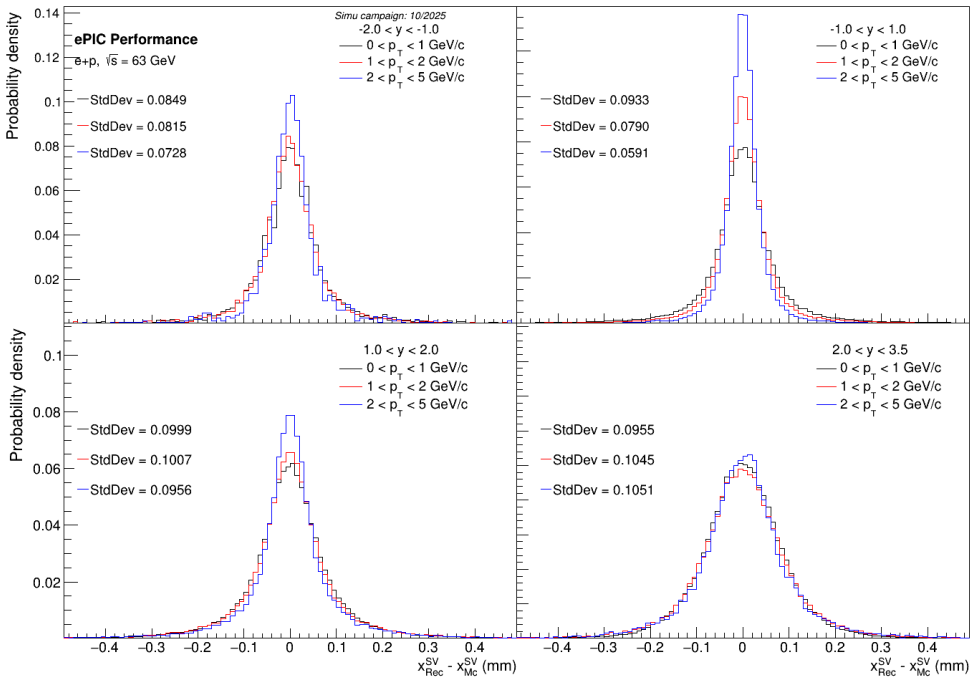
Secondary Vertex Resolution





Secondary Vertex Resolution

10.2025



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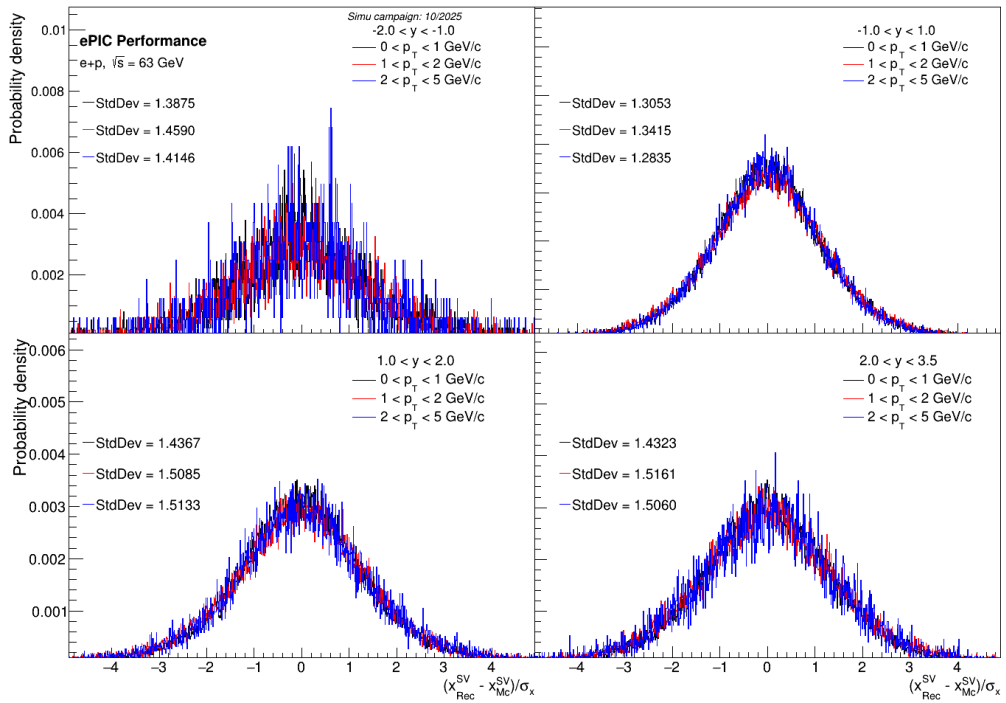
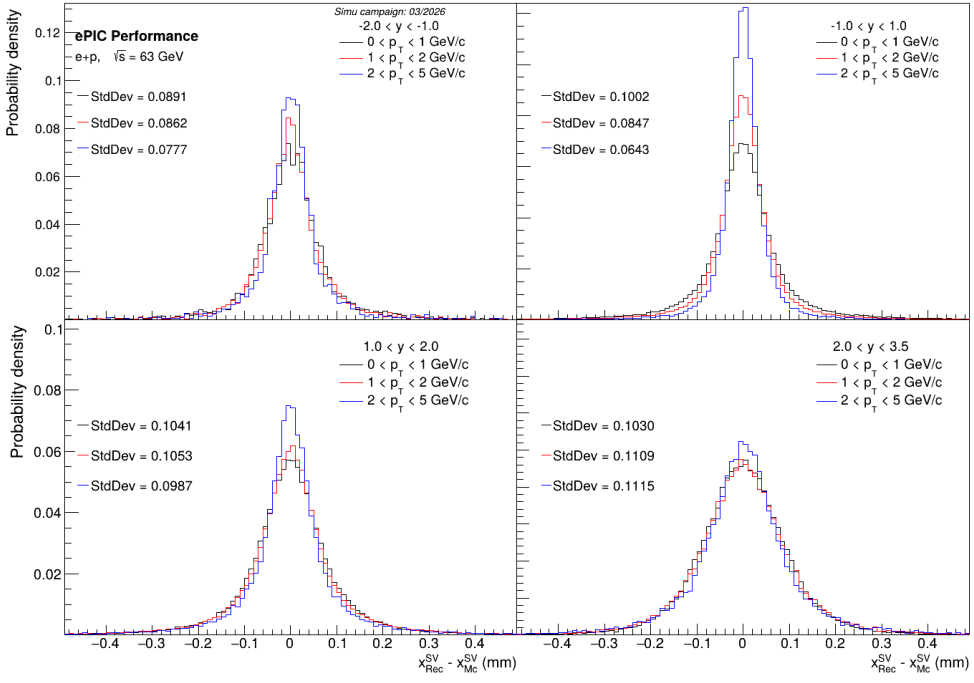


Degradation of pull distributions due to material map issue

Secondary Vertex Resolution

Au thickness increased to 10 μm from 5 μm

03.2026



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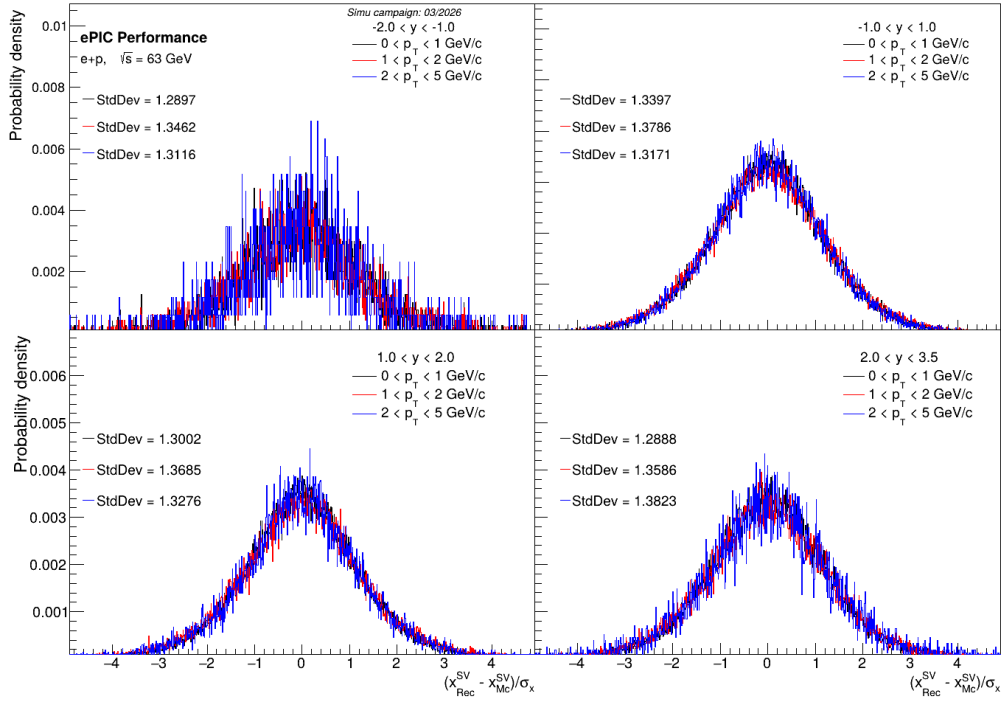
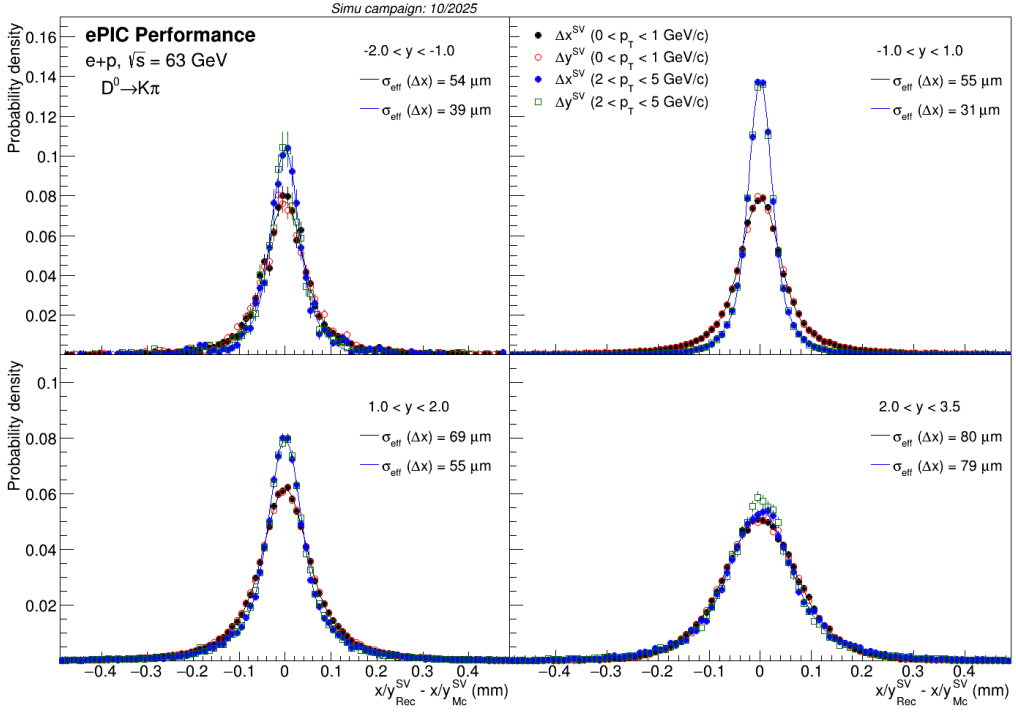


March campaigns:

- Corrected material map
- Pull are improved
- Slight degradation in secondary vertex resolution due to increase in Au thickess

Secondary Vertex Resolution

10.2025



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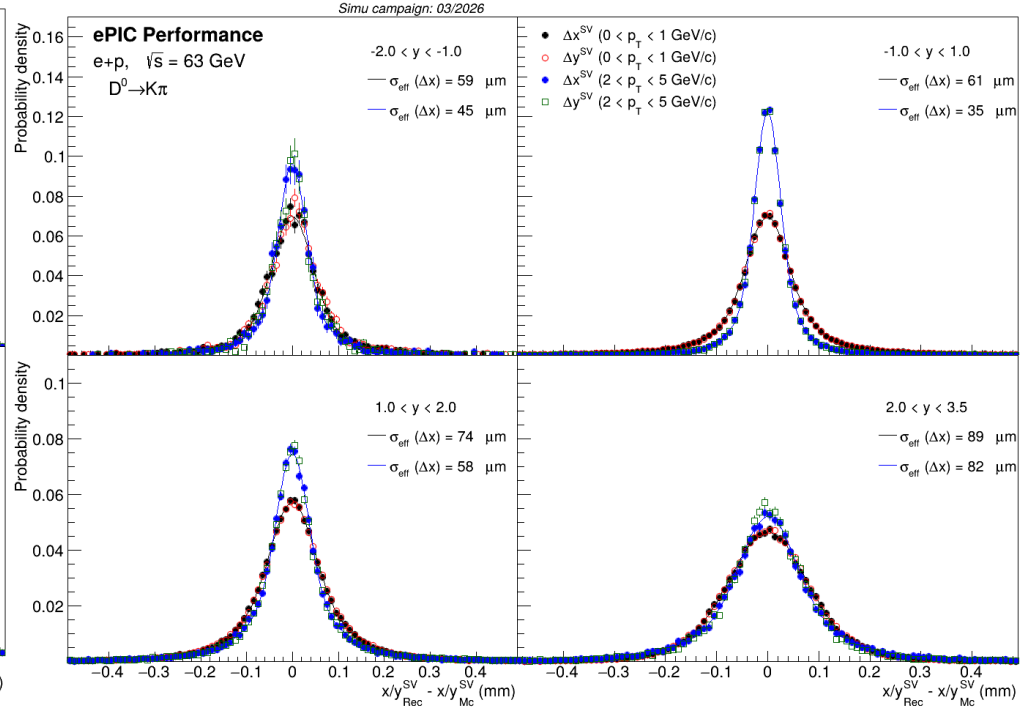
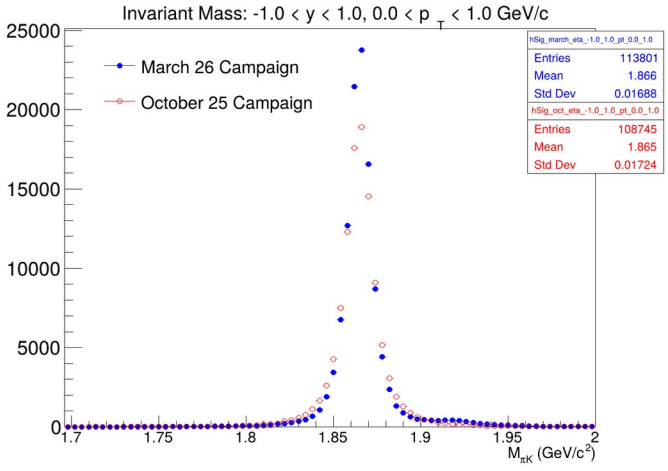
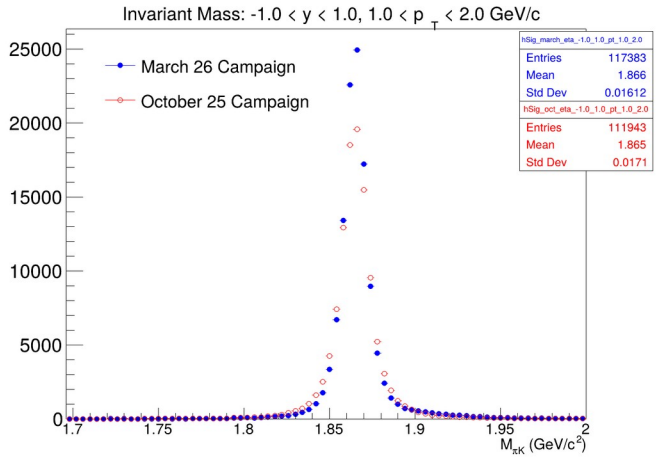
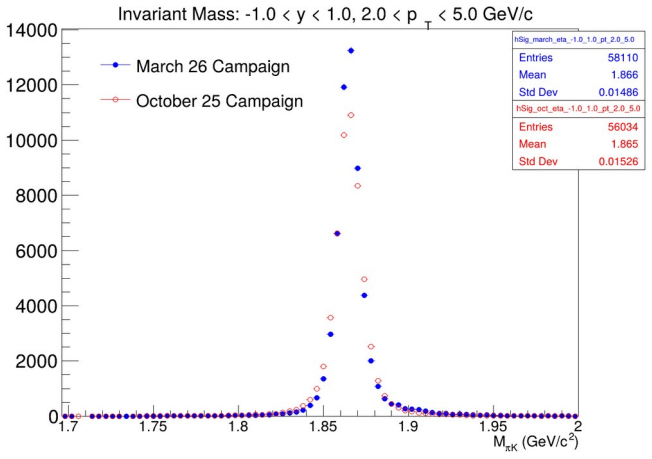
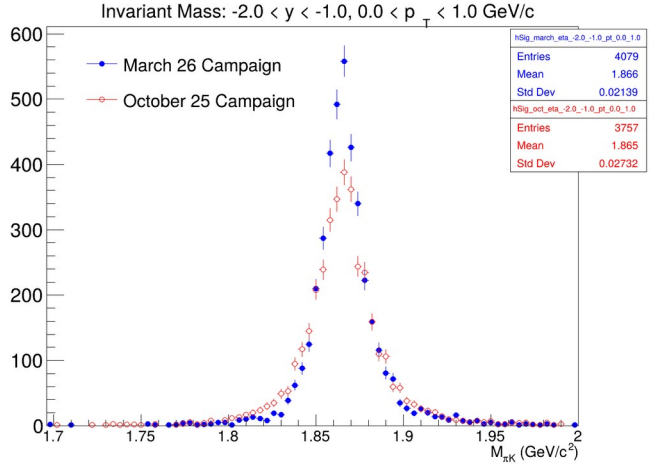


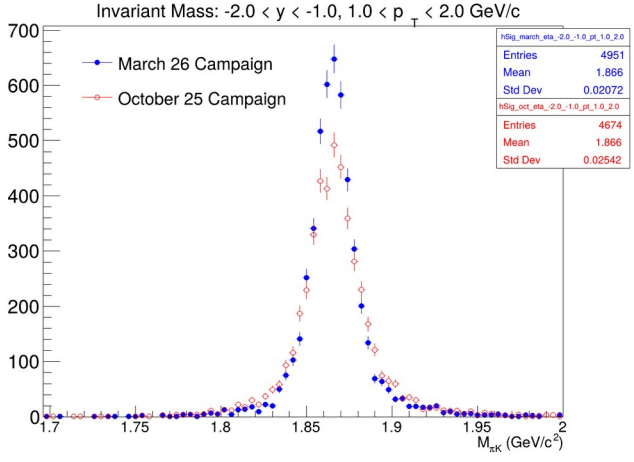
D^0 Reconstruction

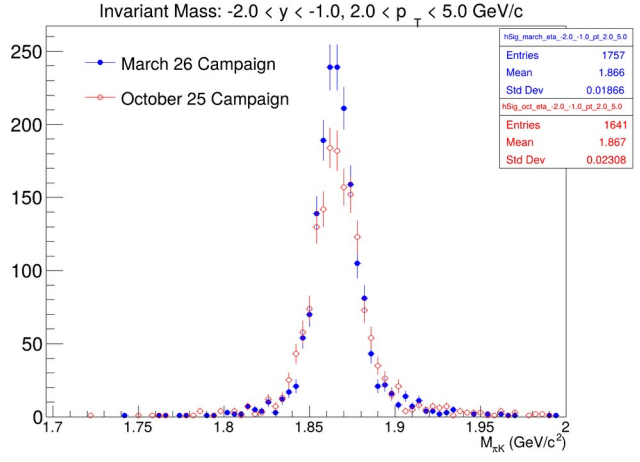












D^0 Reconstruction