SHMS Hodo Efficiency

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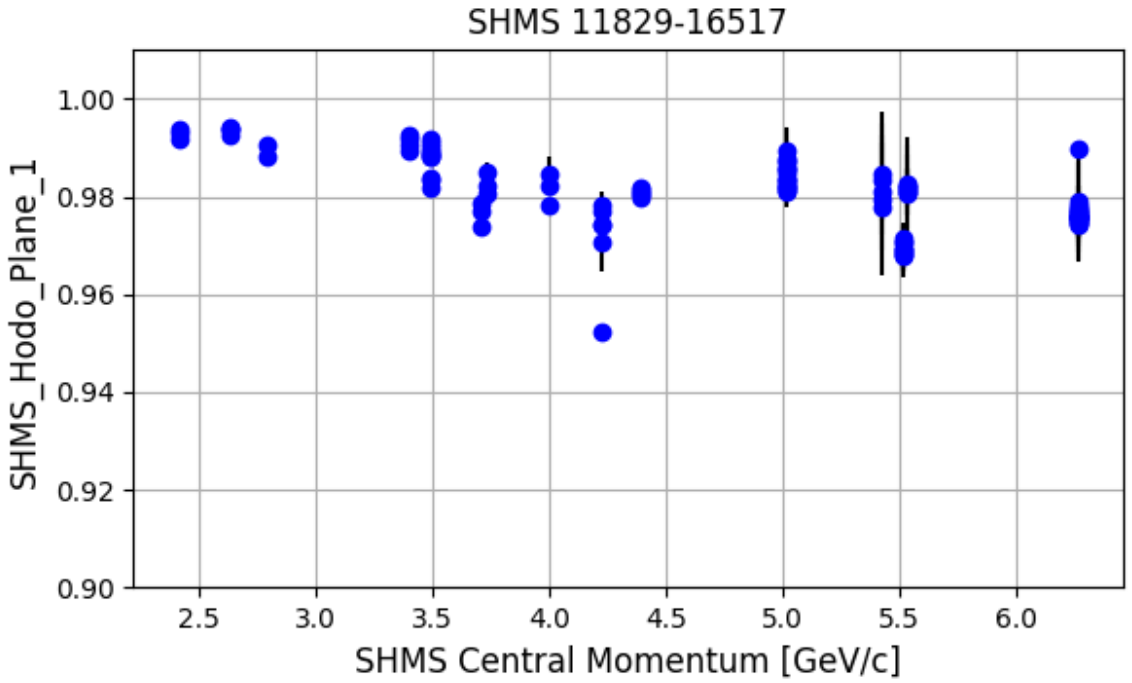
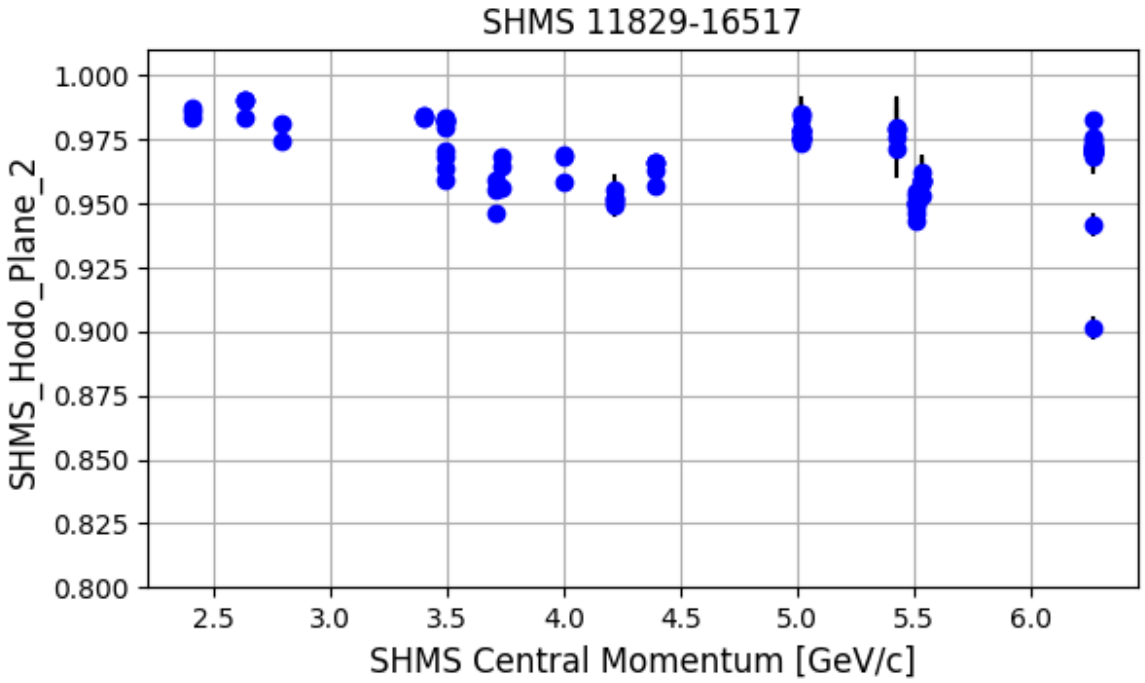
SHMS Hodo ¾ Efficiency





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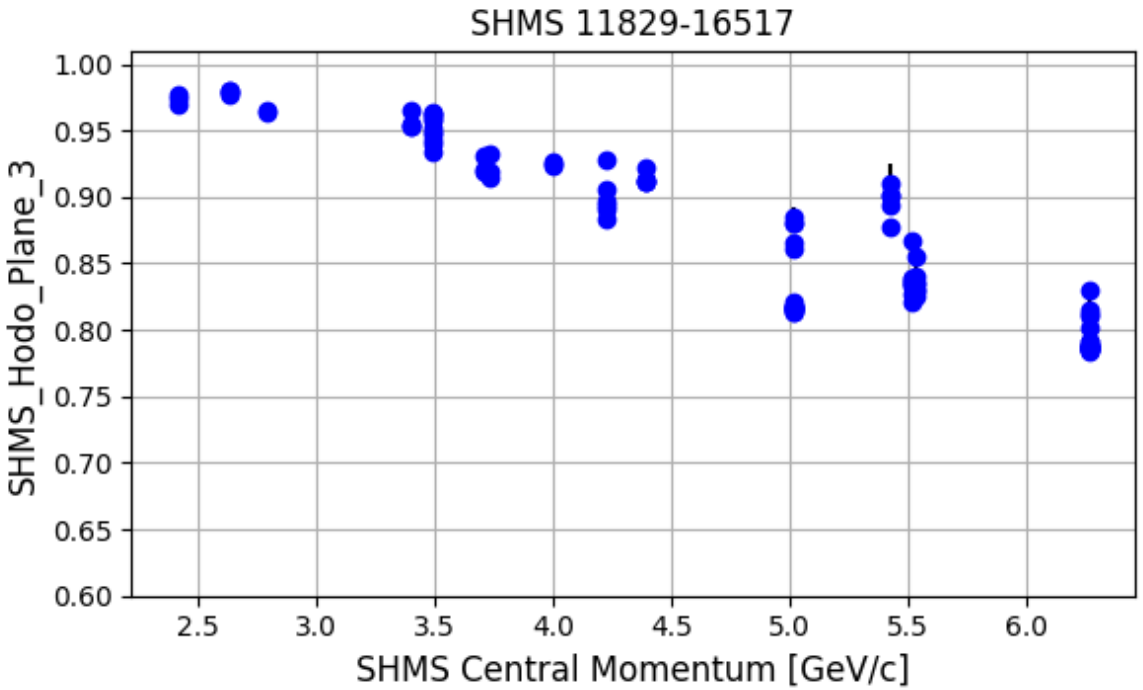

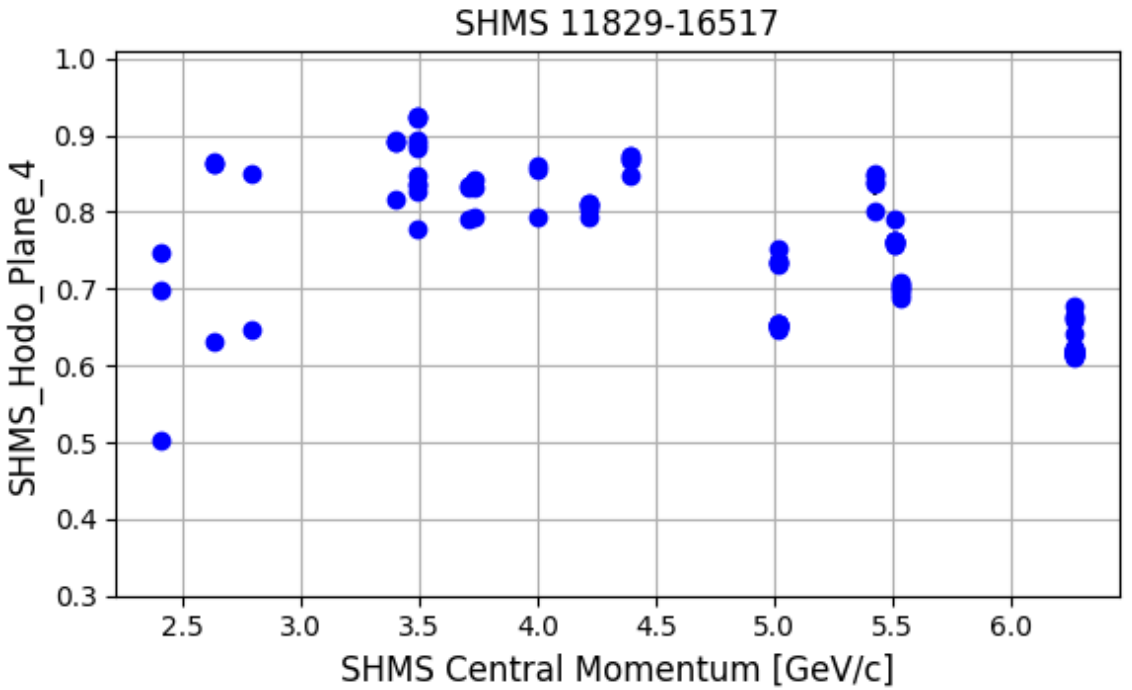

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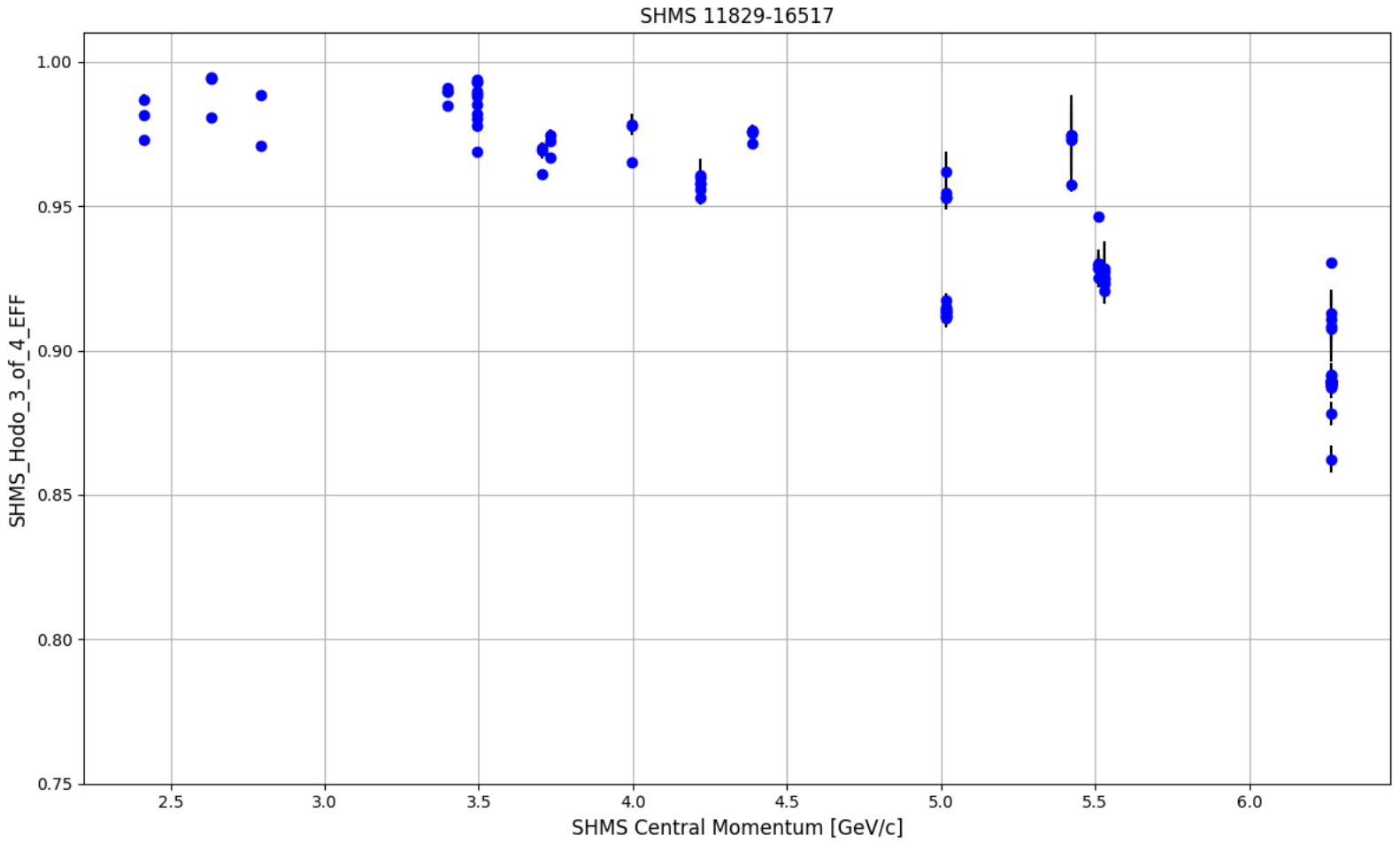

SHMS Hodo ¾ Efficiency

- In KaonLT;

```
; tof and you figured out good values
ptof_tolerance = 2.0
```

```
; tof and you figured out good values
ptof_tolerance = 5.0
```

- In PionLT, we are using “ptof_tolerance = 10” (set by carlos).

```
; tof and you figured out good values
;ptof_tolerance = 10.0
ptof_tolerance = 12.0
```

- Increased it to “ptof_tolerance = 15” and results got change. But we need to use 2 (from Mark).

```
PLT_SHMS_Hodo_Plane_1   :       0.965821
PLT_SHMS_Hodo_Plane_2   :       0.952237
PLT_SHMS_Hodo_Plane_3   :       0.901515
PLT_SHMS_Hodo_Plane_4   :       0.808917

PLT_SHMS_Hodo_S1XY      :       0.998368
PLT_SHMS_Hodo_S2XY      :       0.981181

PLT_SHMS_Hodo_3_of_4_EFF        :       0.959758
PLT_SHMS_Hodo_4_of_4_EFF        :       0.670685
```

```
PLT_SHMS_Hodo_Plane_1   :       0.976225
PLT_SHMS_Hodo_Plane_2   :       0.959230
PLT_SHMS_Hodo_Plane_3   :       0.950943
PLT_SHMS_Hodo_Plane_4   :       0.829756

PLT_SHMS_Hodo_S1XY      :       0.999031
PLT_SHMS_Hodo_S2XY      :       0.991648

PLT_SHMS_Hodo_3_of_4_EFF        :       0.978003
PLT_SHMS_Hodo_4_of_4_EFF        :       0.738887
```