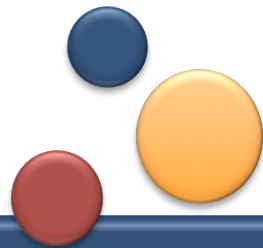


Preliminary S0 Study

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Kent State University

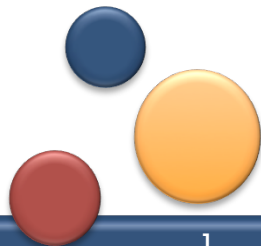


Motivation:

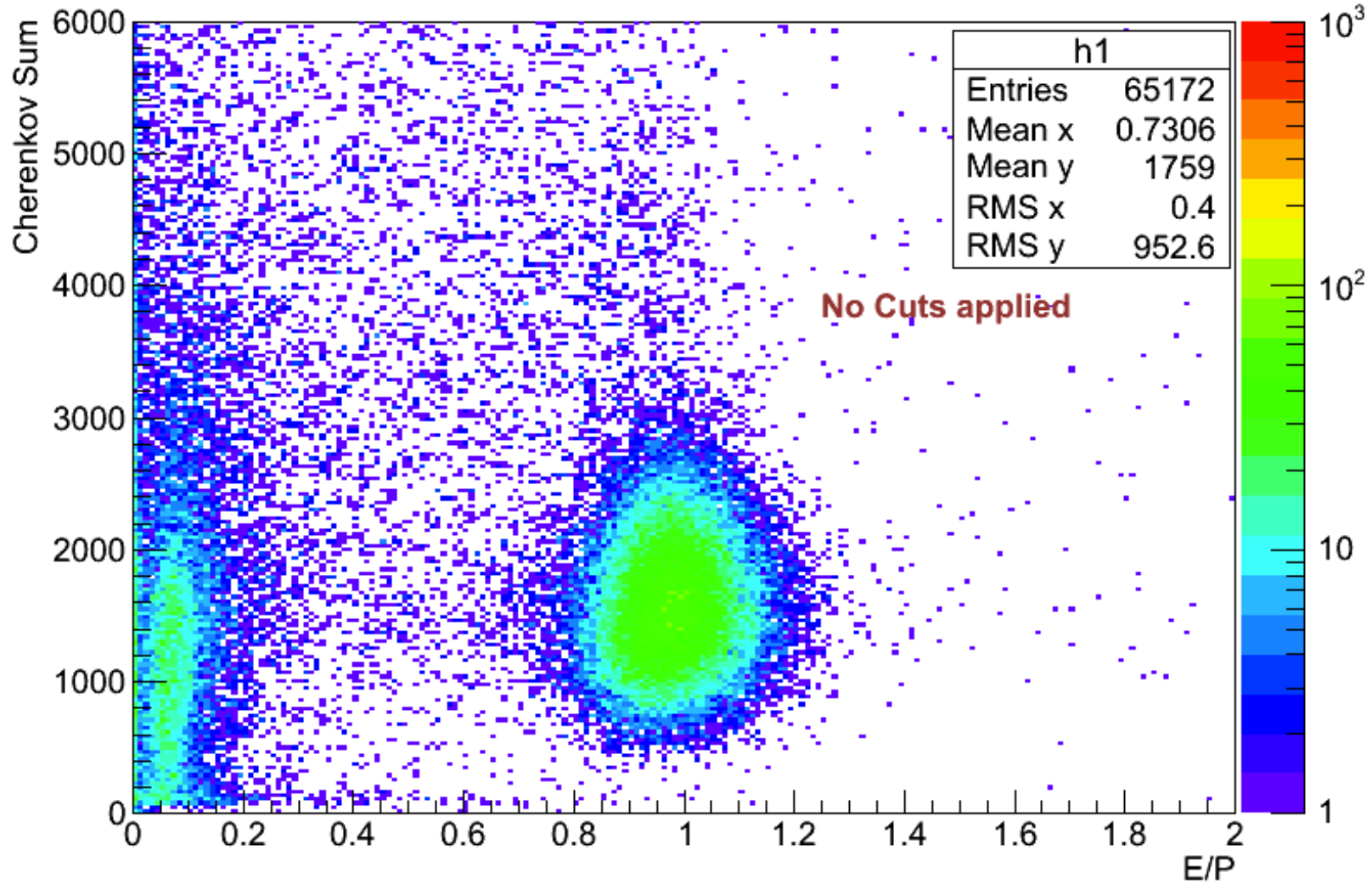
Check S0 status for the upcoming Tritium experiments

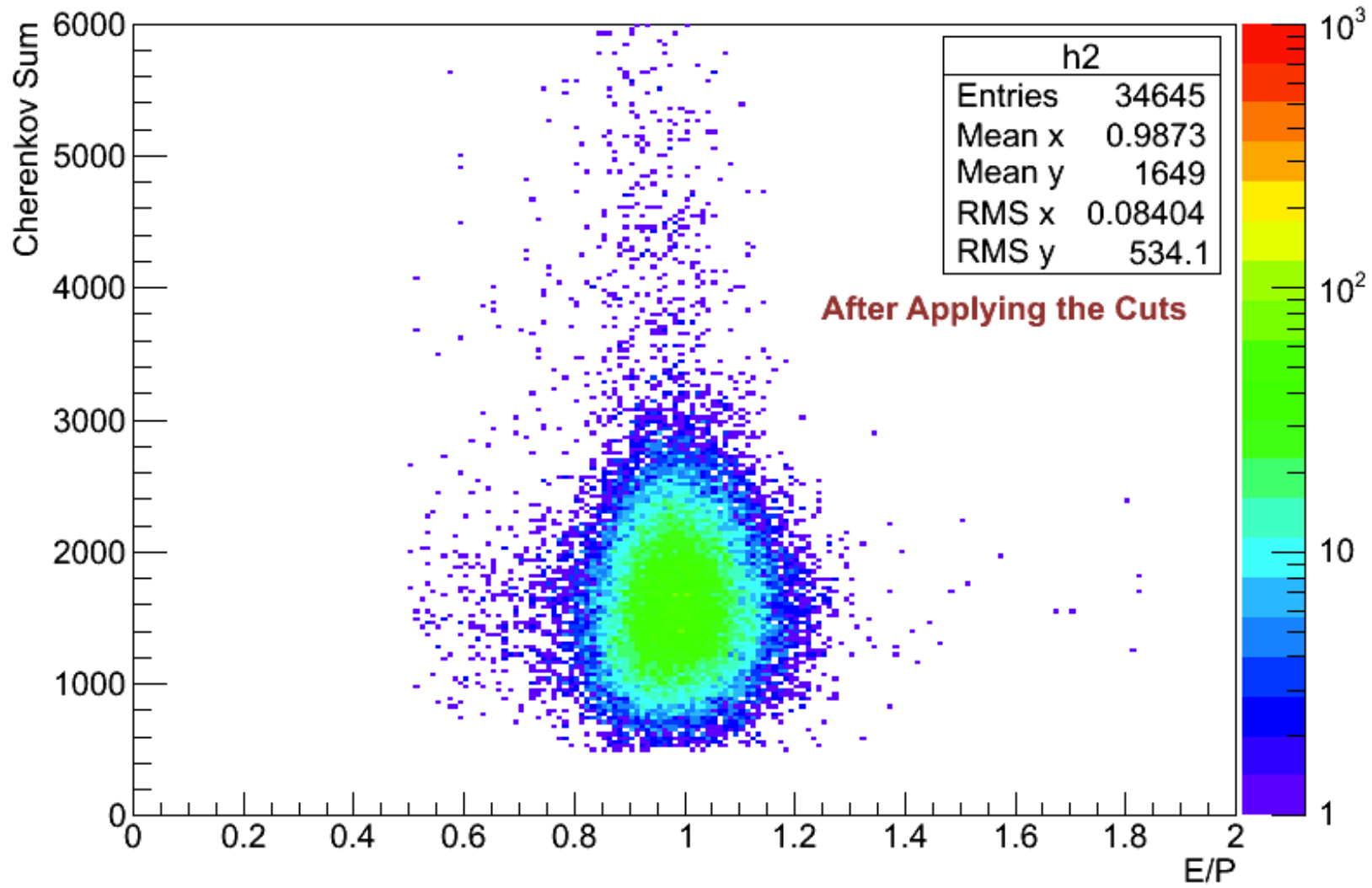
Main points of this Study:

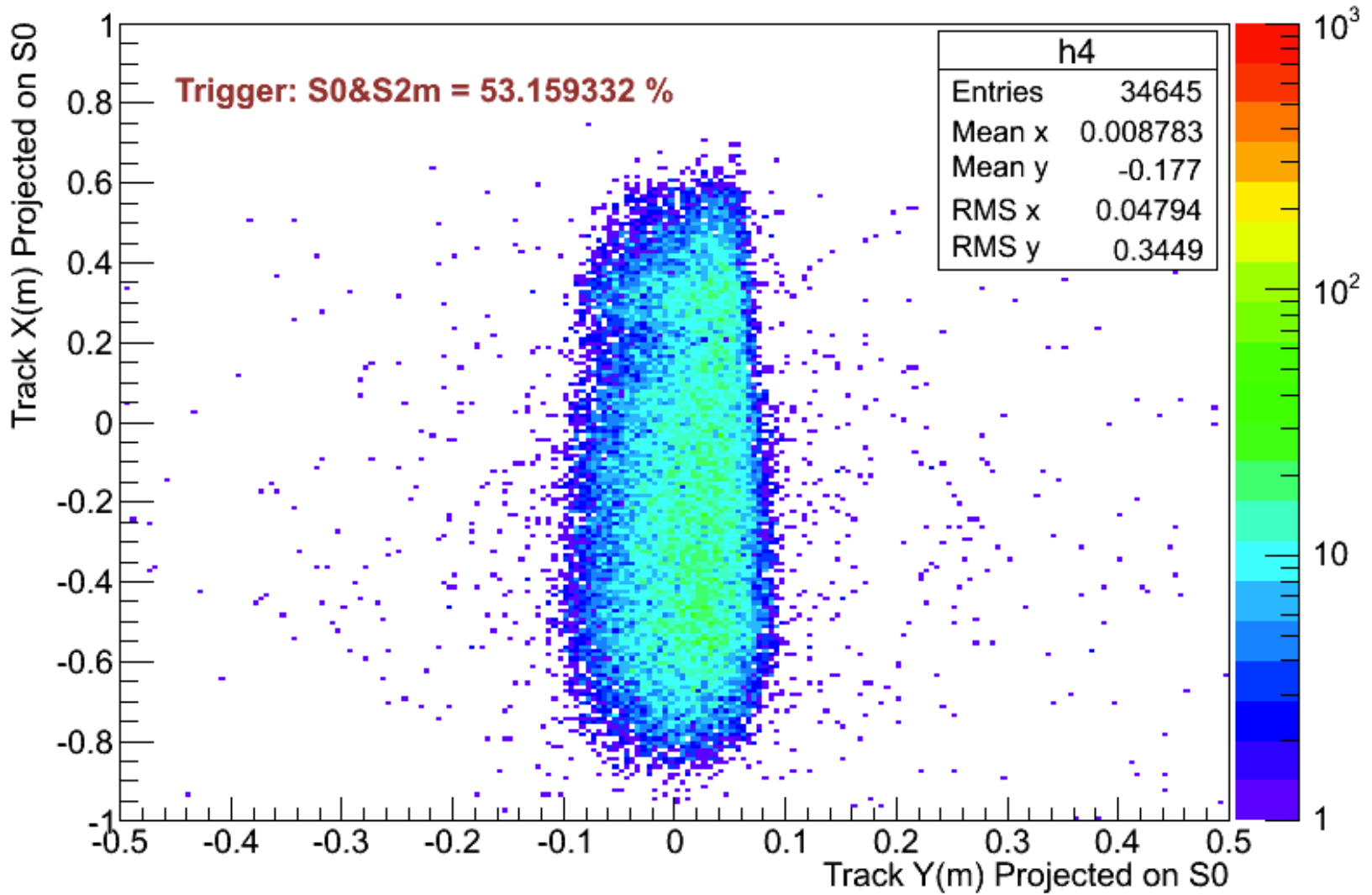
- DVCS Production run (LHRS)
- Beam energy = 8.5 GeV
- LHRS $p_0 = 3.953$
- LHRS angle = 24.564



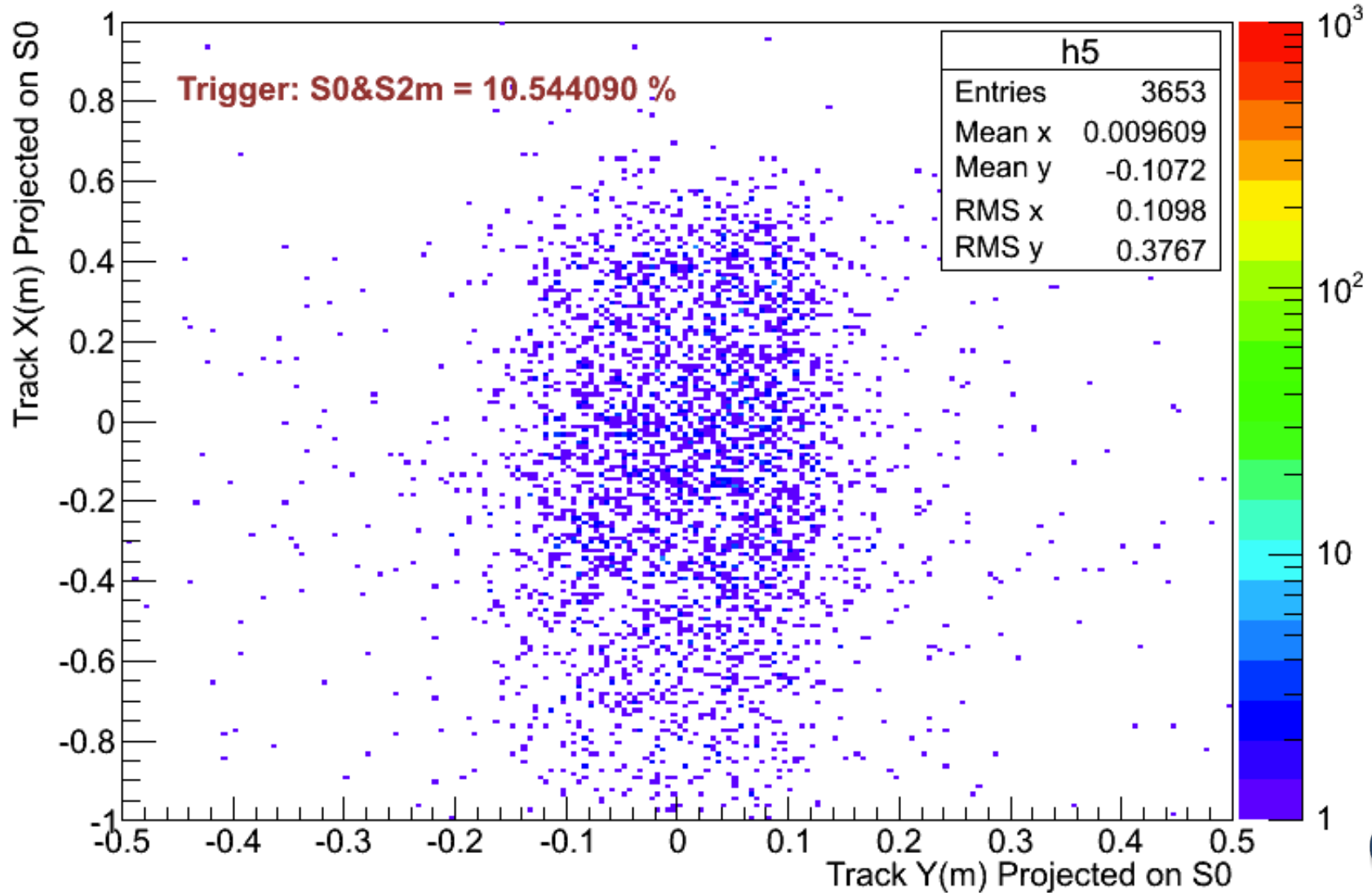
L.cer.asum_c:(L.prl1.asum_c+L.prl2.asum_c)/L.tr.p/1000



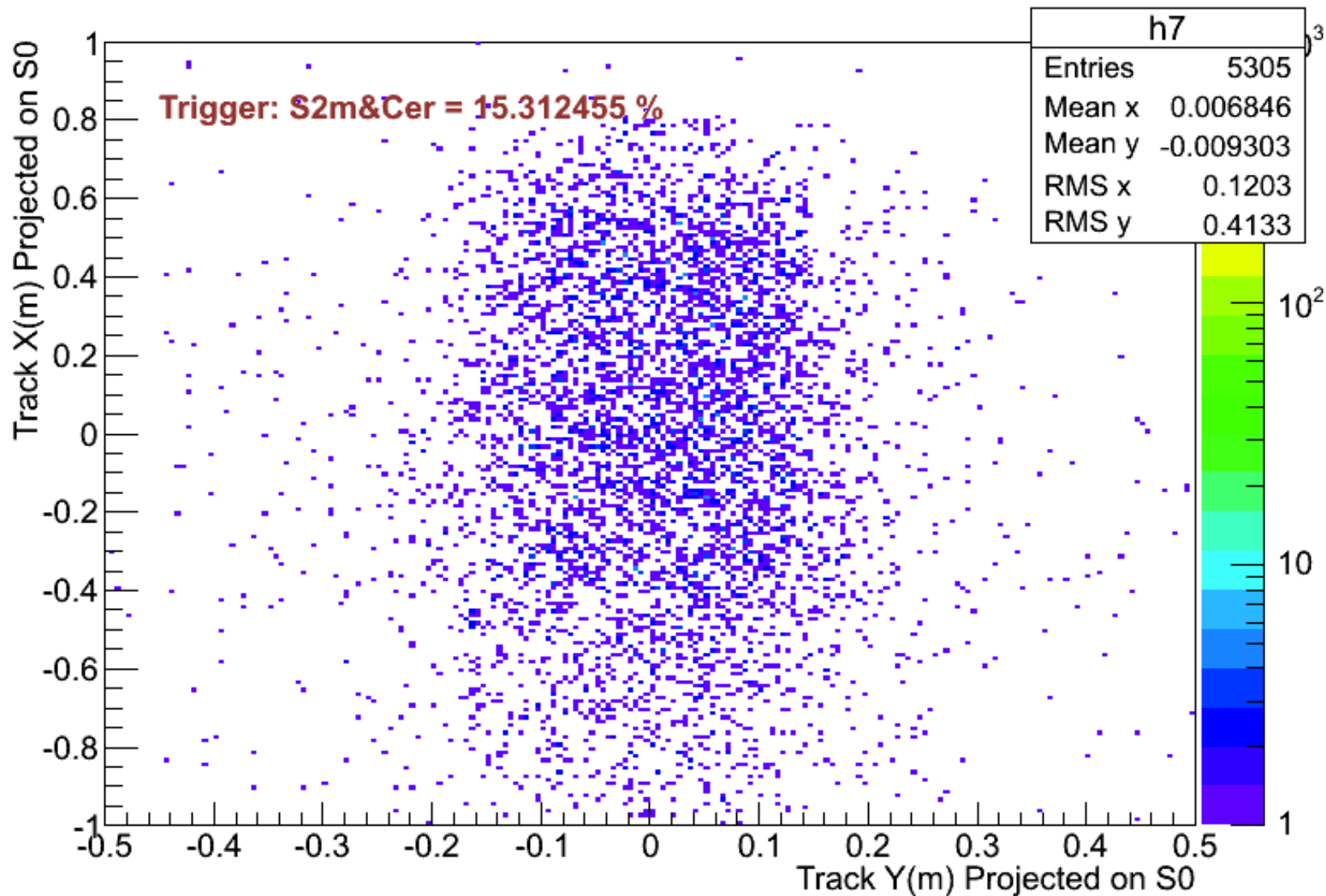




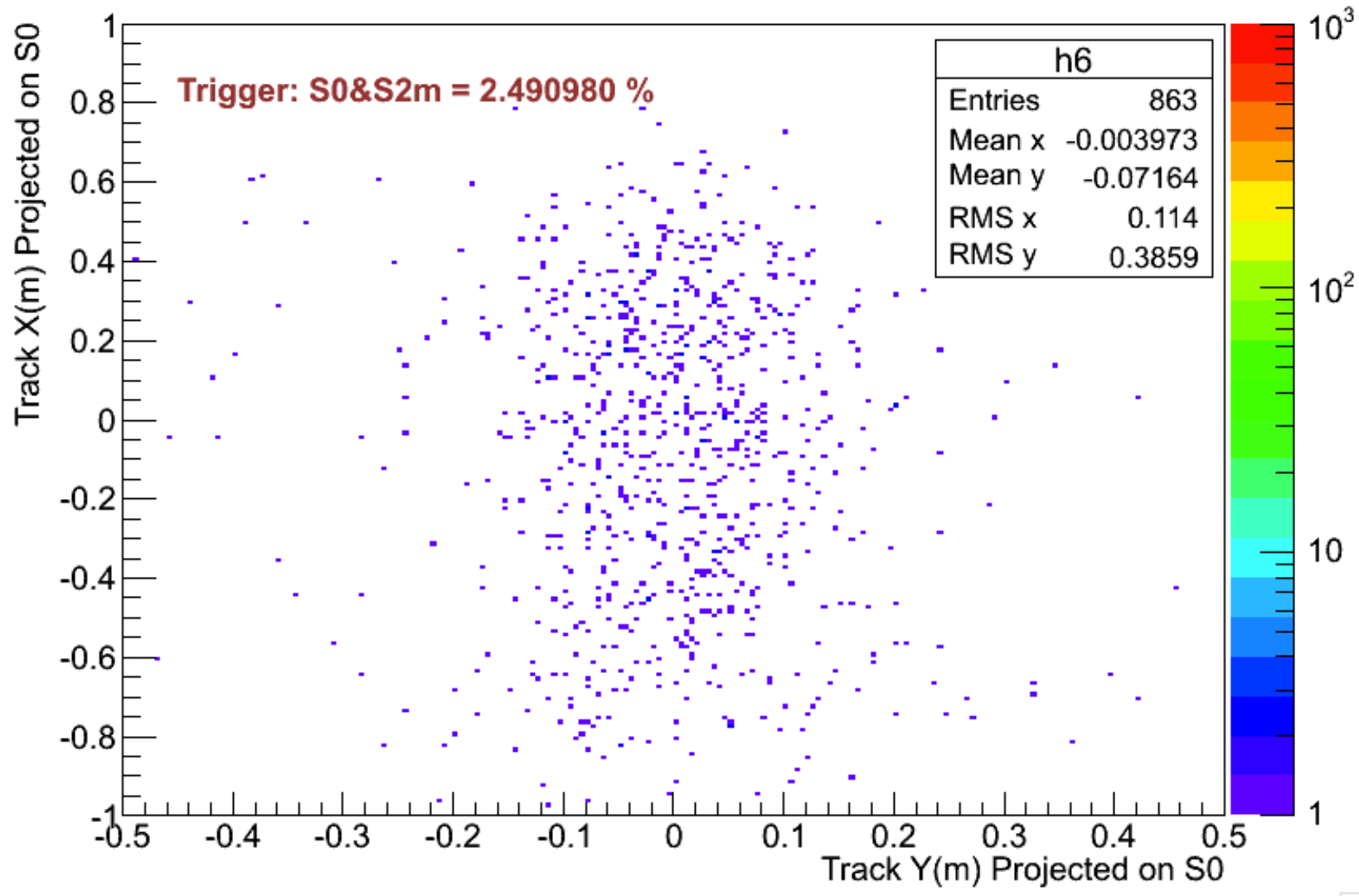
Events with high Cherenkov Signal and Low energy



Events with High Cherenkov Signal and Low energy



Events with Low Cherenkov Signal and Low energy



Further Check:

- Recheck the Cuts
- Use another way to pick trigger (compare)
- Suggestions(?)

Thanks

