

Ph: Annika Vauth

# 2D MAPS EXTRACTION FOR DVCS 2016 - P09

**RICCARDO LONGO**

**30/01/2019**

**CORAL WEEKLY**



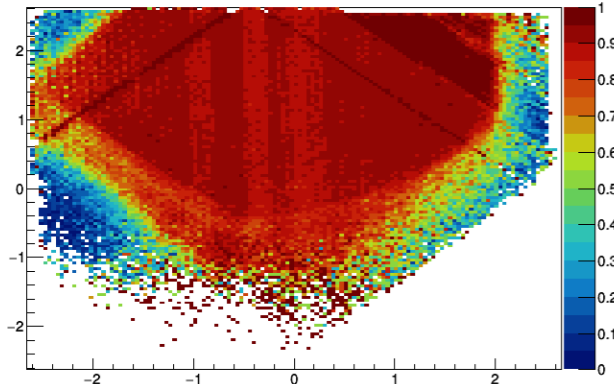
**I ILLINOIS**



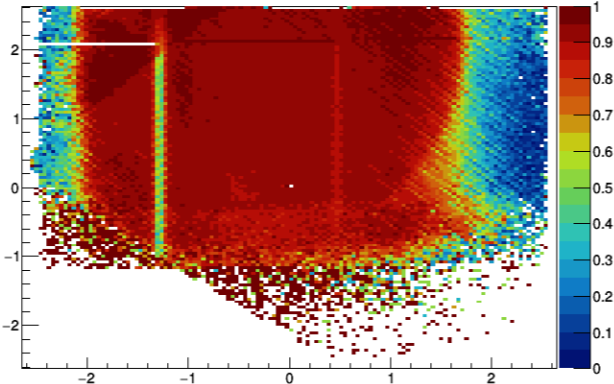


# SELECTED RESULTS: FI - MA

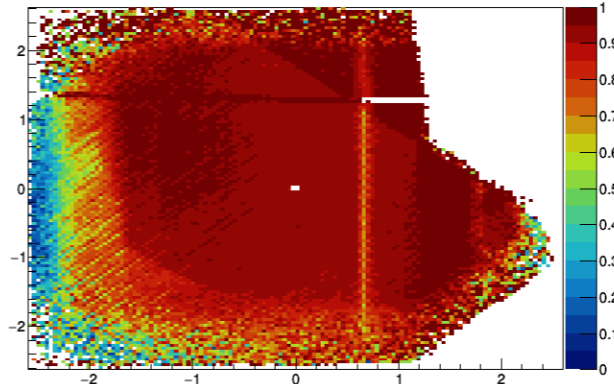
FI03U1\_\_: Efficiency ( $6\sigma$ ) = 91.312 %



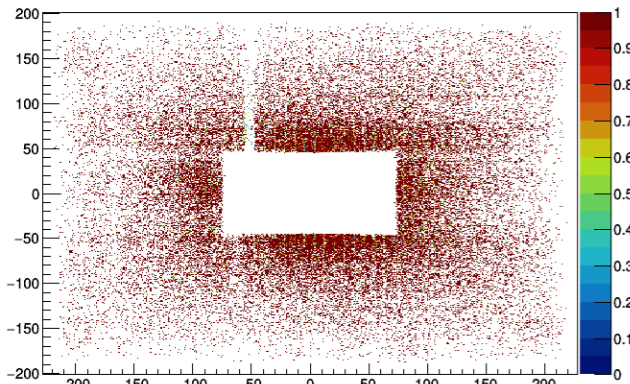
FI03X1\_\_: Efficiency ( $6\sigma$ ) = 92.3636 %



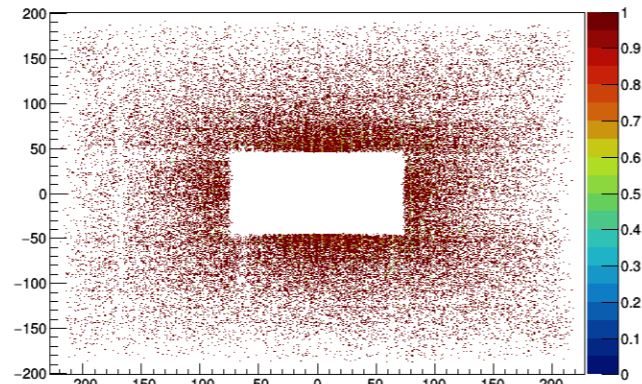
FI03Y1\_\_: Efficiency ( $6\sigma$ ) = 92.5406 %



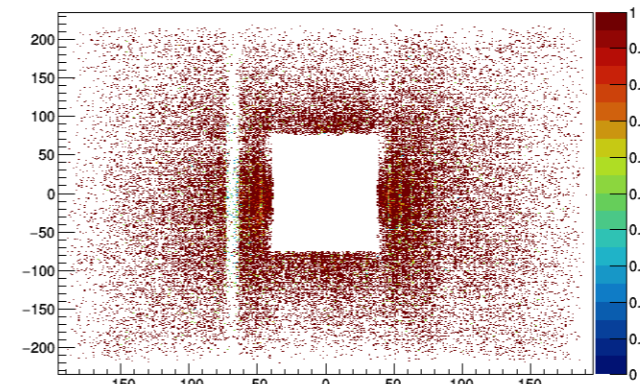
MA01X1\_\_: Efficiency ( $6\sigma$ ) = 88.8308 %



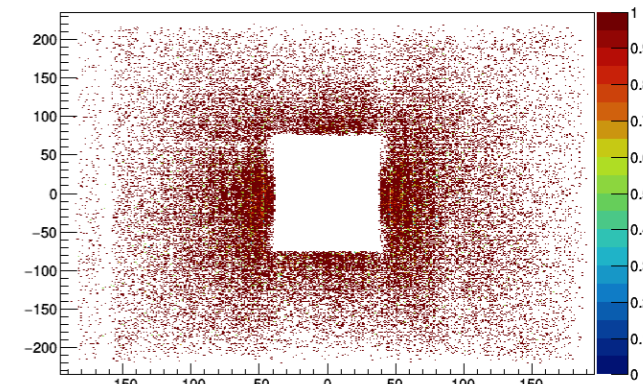
MA01X2\_\_: Efficiency ( $6\sigma$ ) = 90.3233 %



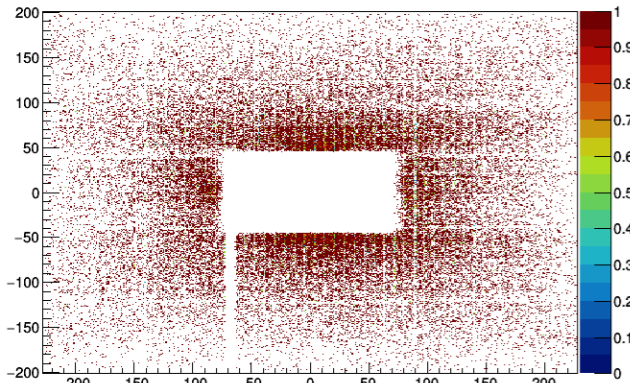
MA01Y1\_\_: Efficiency ( $6\sigma$ ) = 86.7914 %



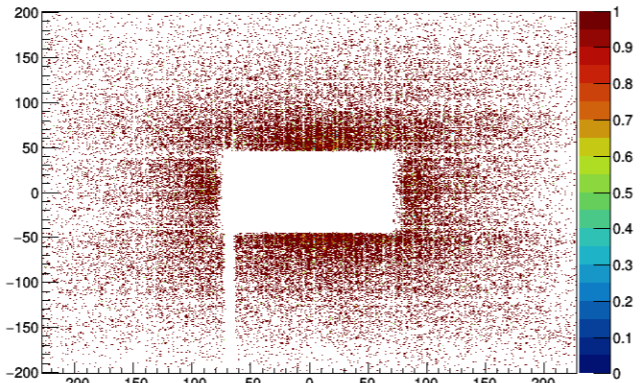
MA01Y2\_\_: Efficiency ( $6\sigma$ ) = 90.5187 %



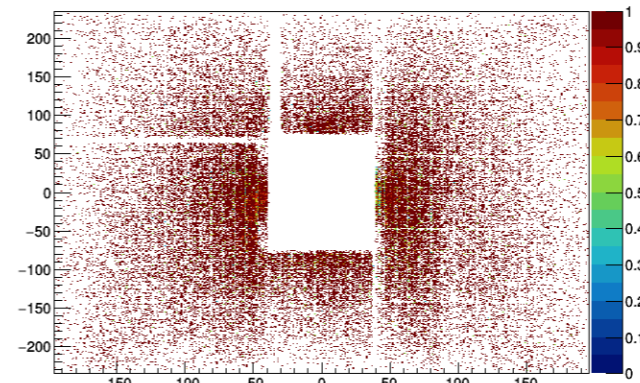
MA02X1\_\_: Efficiency ( $6\sigma$ ) = 89.2846 %



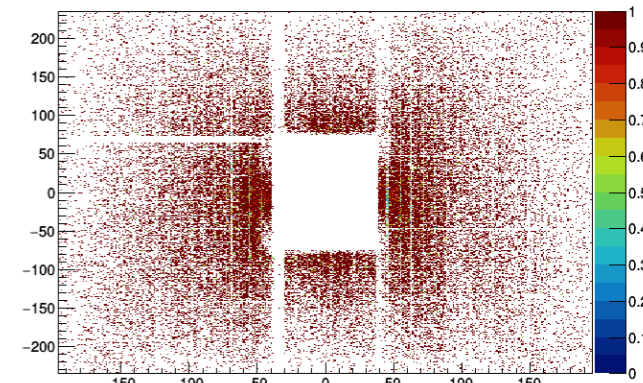
MA02X2\_\_: Efficiency ( $6\sigma$ ) = 90.0887 %



MA02Y1\_\_: Efficiency ( $6\sigma$ ) = 88.1093 %



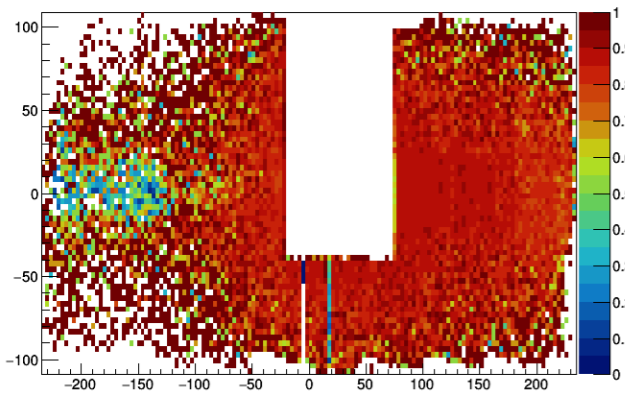
MA02Y4\_\_: Efficiency ( $6\sigma$ ) = 87.7528 %



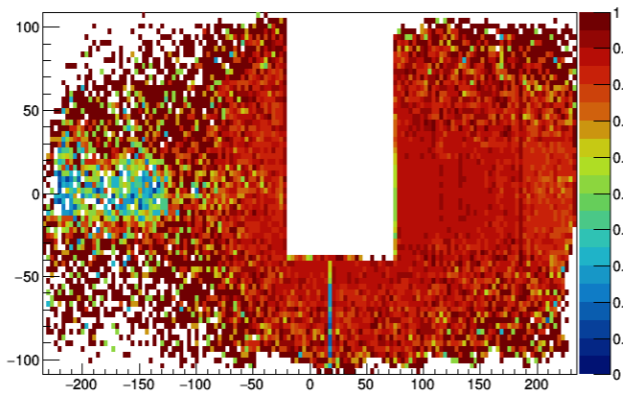


# SELECTED RESULTS: MB - ST03

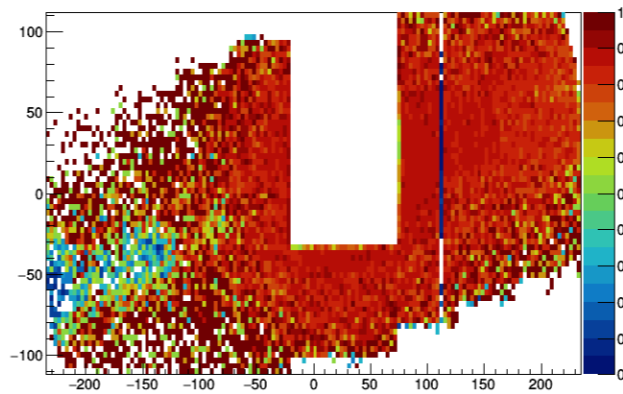
MB01X1ub: Efficiency ( $6\sigma$ ) = 86.3433 %



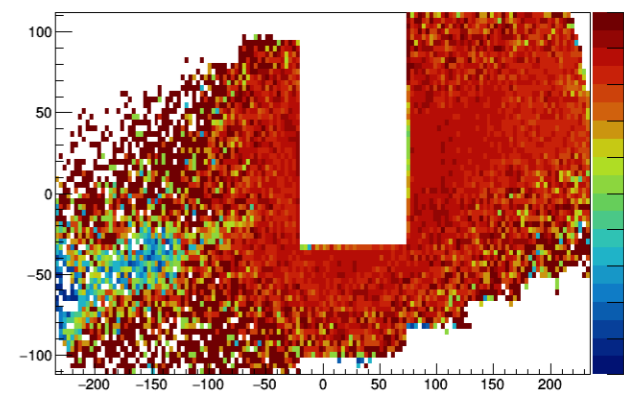
MB01X1db: Efficiency ( $6\sigma$ ) = 86.7953 %



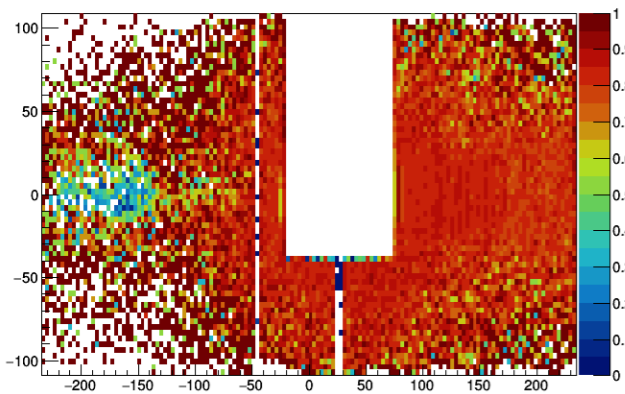
MB01V1db: Efficiency ( $6\sigma$ ) = 83.3752 %



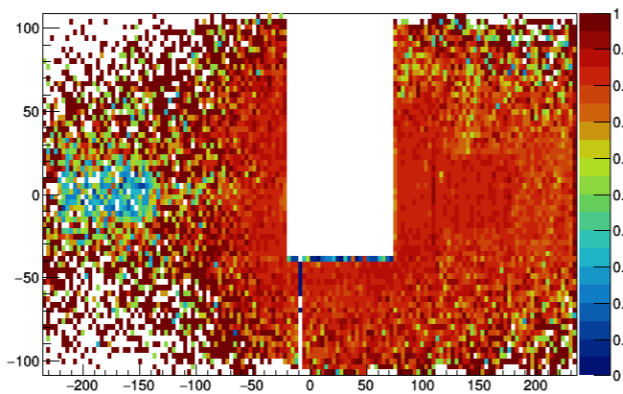
MB01V1ub: Efficiency ( $6\sigma$ ) = 85.8912 %



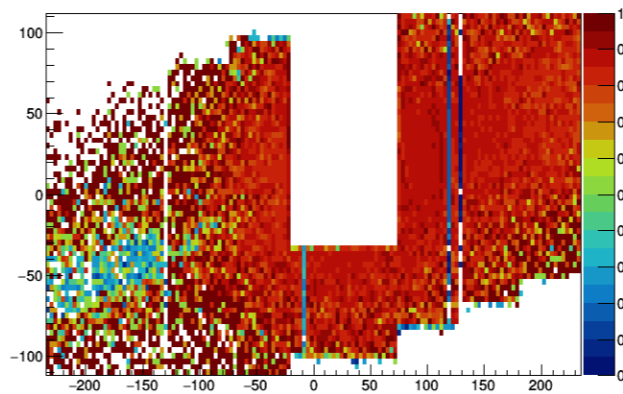
MB02X2ub: Efficiency ( $6\sigma$ ) = 81.7976 %



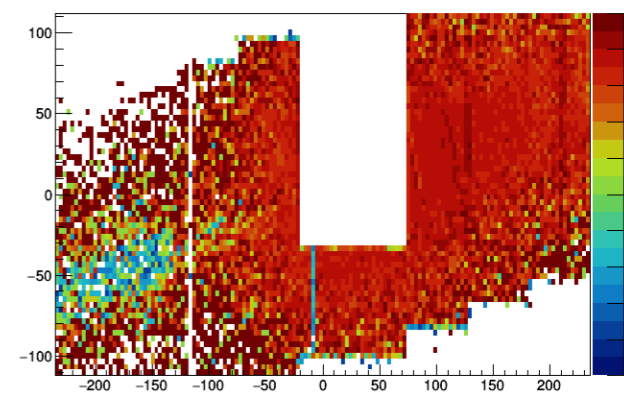
MB02X2db: Efficiency ( $6\sigma$ ) = 82.2574 %



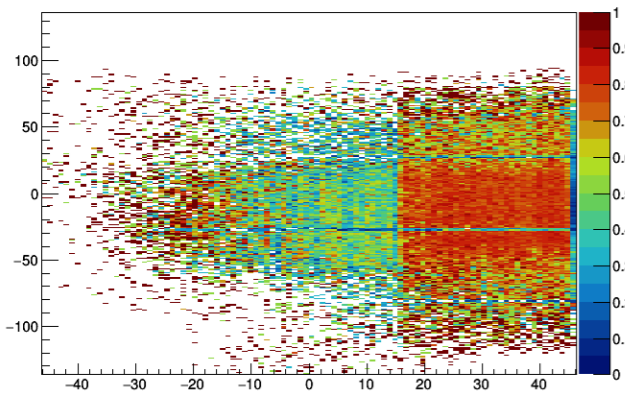
MB02V2ub: Efficiency ( $6\sigma$ ) = 82.8065 %



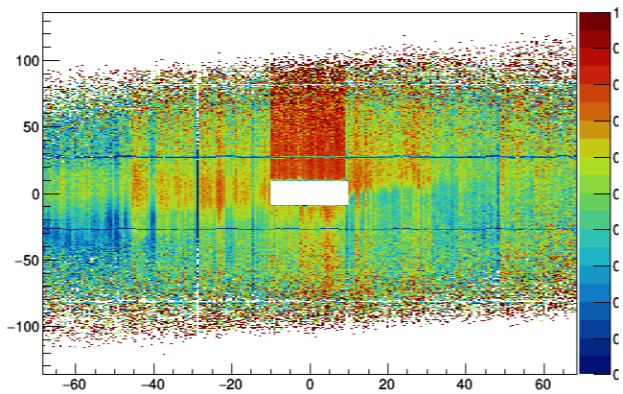
MB02V2db: Efficiency ( $6\sigma$ ) = 86.1171 %



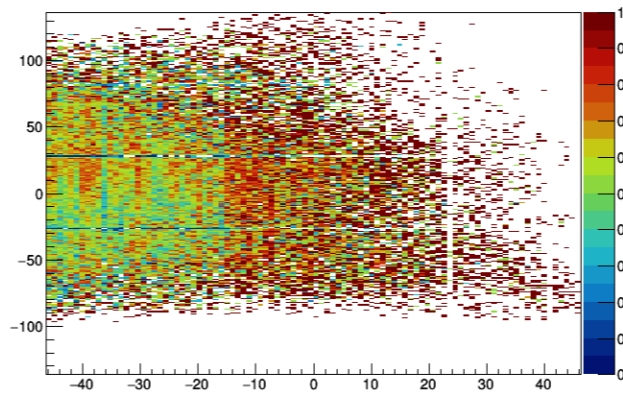
ST03V1da: Efficiency ( $6\sigma$ ) = 68.6643 %



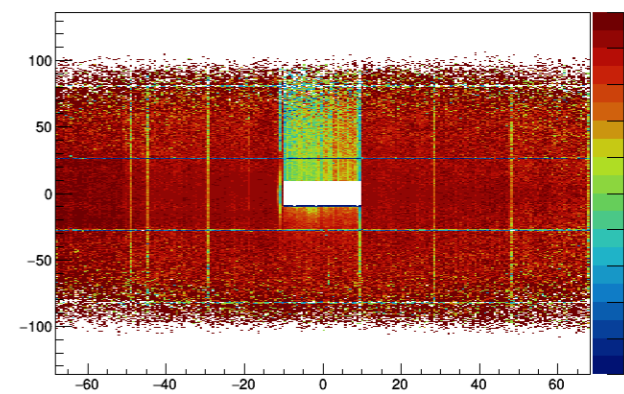
ST03V1db: Efficiency ( $6\sigma$ ) = 54.1722 %



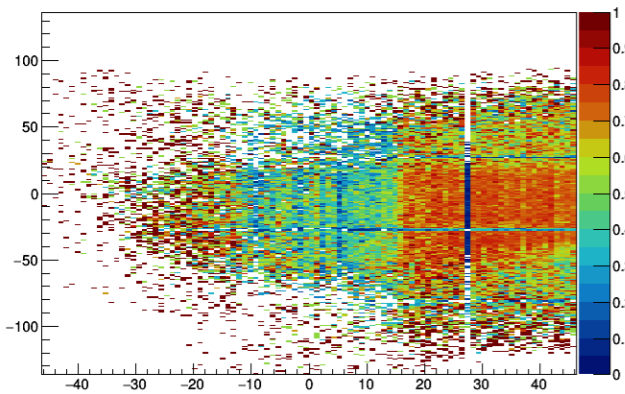
ST03V1dc: Efficiency ( $6\sigma$ ) = 59.8362 %



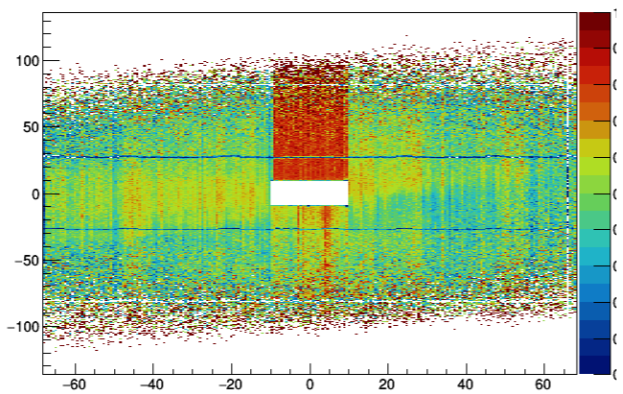
ST03X1ub: Efficiency ( $6\sigma$ ) = 85.9616 %



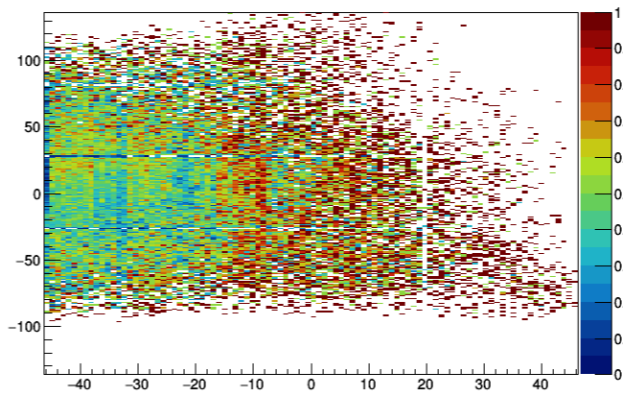
ST03V1ua: Efficiency ( $6\sigma$ ) = 64.8072 %



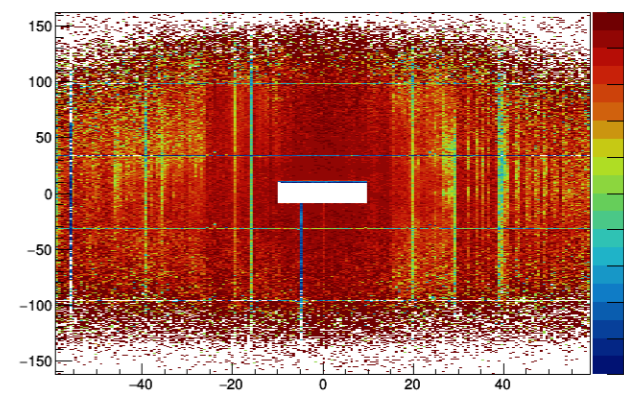
ST03V1ub: Efficiency ( $6\sigma$ ) = 54.509 %



ST03V1uc: Efficiency ( $6\sigma$ ) = 49.2602 %



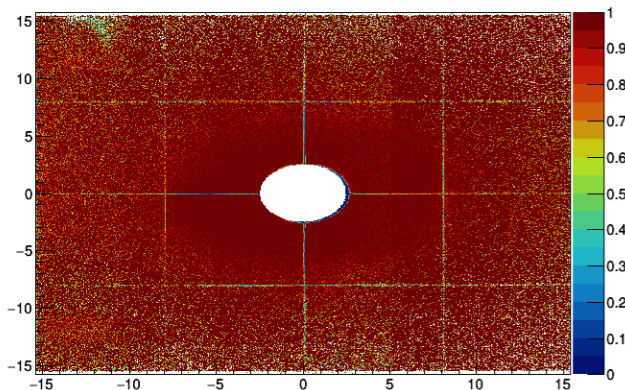
ST03Y2db: Efficiency ( $6\sigma$ ) = 84.4494 %



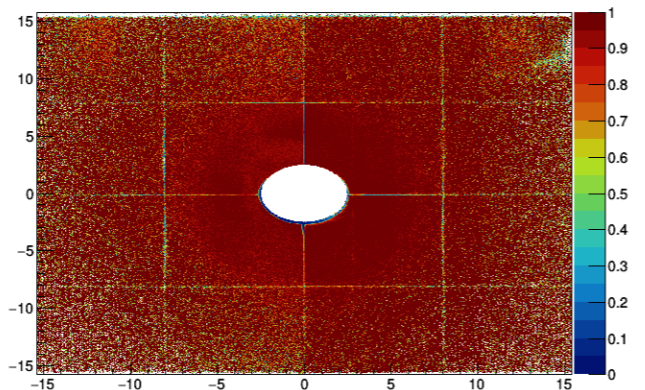


# SELECTED RESULTS: GEM 01 - 04.

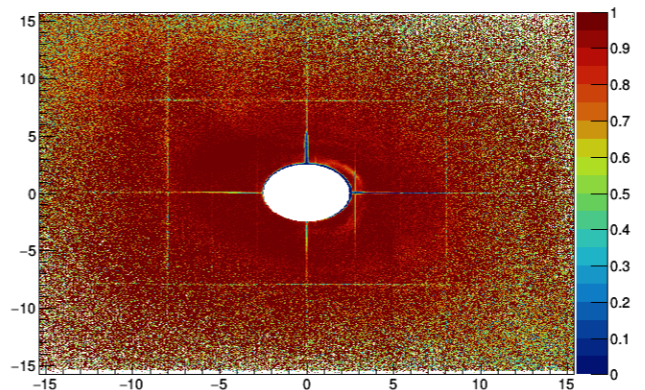
GM01X1\_\_: Efficiency ( $6\sigma$ ) = 95.2611 %



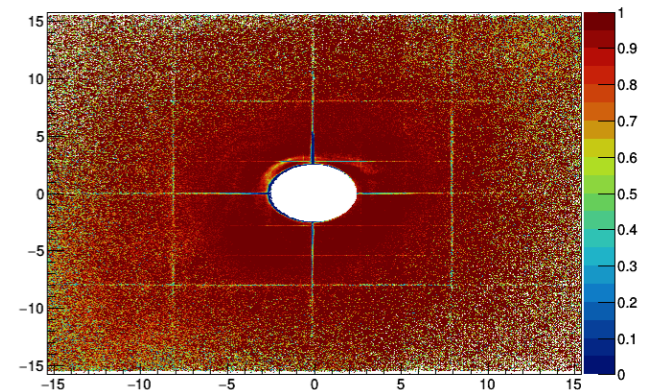
GM01Y1\_\_: Efficiency ( $6\sigma$ ) = 93.6686 %



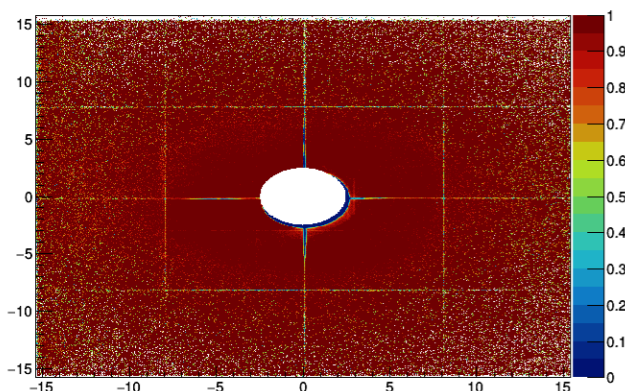
GM01U1\_\_: Efficiency ( $6\sigma$ ) = 90.8523 %



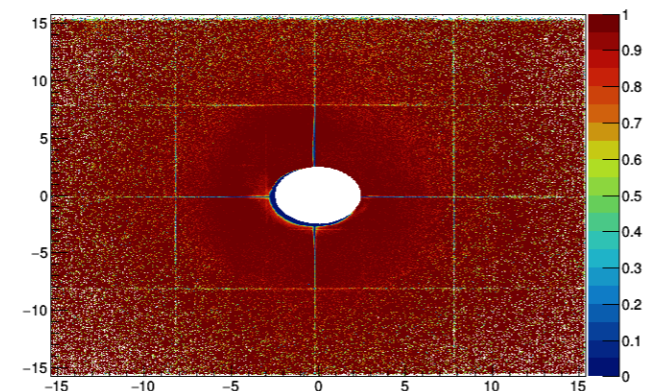
GM01V1\_\_: Efficiency ( $6\sigma$ ) = 91.5435 %



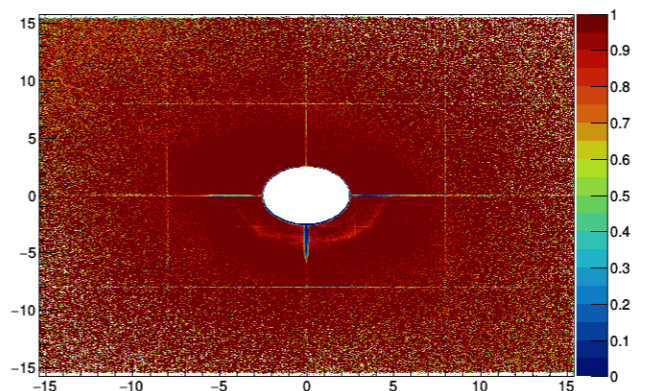
GM02X1\_\_: Efficiency ( $6\sigma$ ) = 92.2945 %



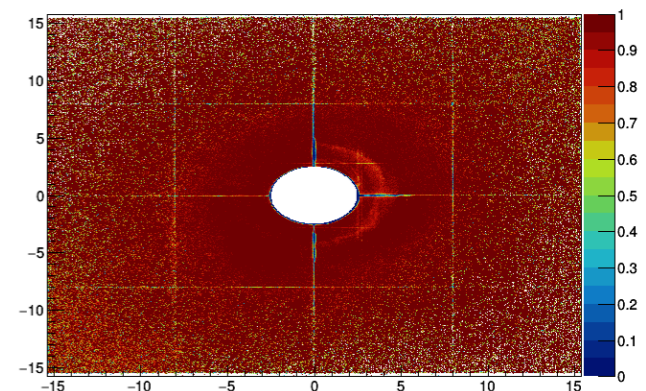
GM02Y1\_\_: Efficiency ( $6\sigma$ ) = 90.6666 %



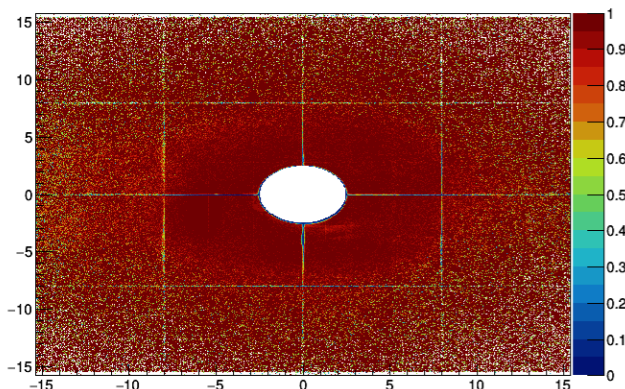
GM02U1\_\_: Efficiency ( $6\sigma$ ) = 94.1711 %



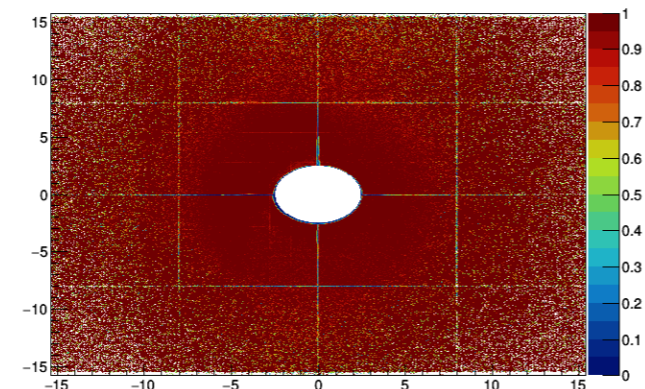
GM02V1\_\_: Efficiency ( $6\sigma$ ) = 93.5302 %



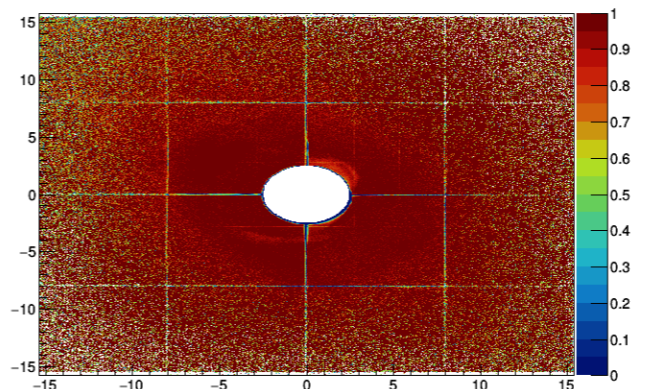
GM03X1\_\_: Efficiency ( $6\sigma$ ) = 93.1715 %



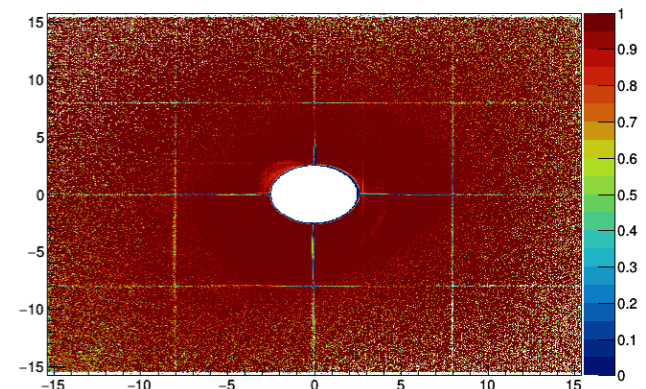
GM03Y1\_\_: Efficiency ( $6\sigma$ ) = 94.6521 %



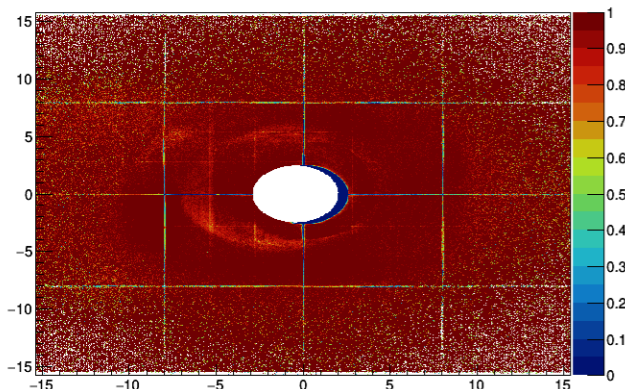
GM03U1\_\_: Efficiency ( $6\sigma$ ) = 91.7193 %



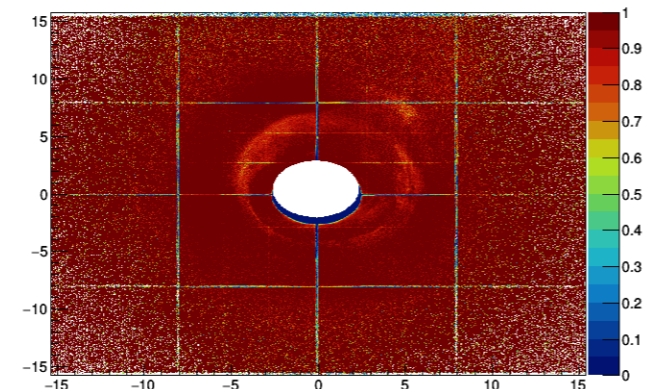
GM03V1\_\_: Efficiency ( $6\sigma$ ) = 93.419 %



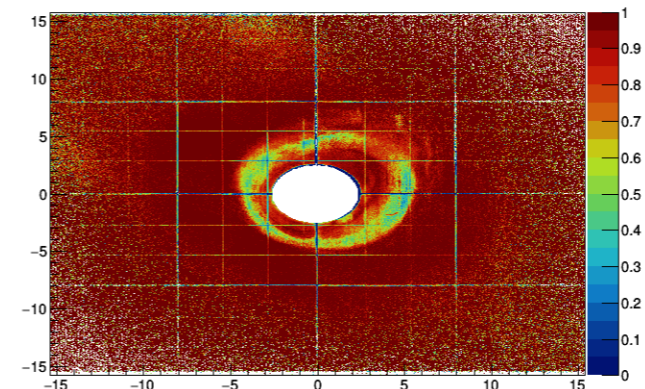
GM04X1\_\_: Efficiency ( $6\sigma$ ) = 90.0798 %



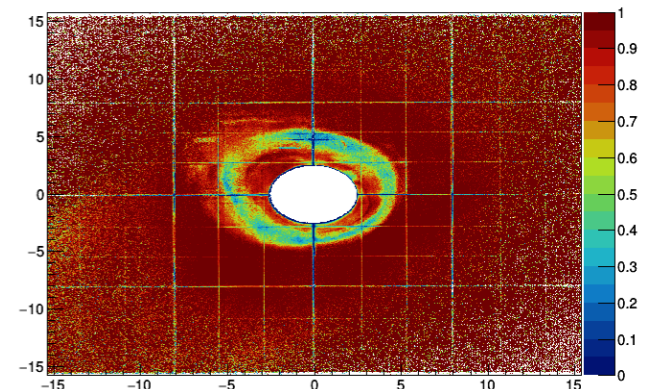
GM04Y1\_\_: Efficiency ( $6\sigma$ ) = 88.5599 %



GM04U1\_\_: Efficiency ( $6\sigma$ ) = 86.6799 %



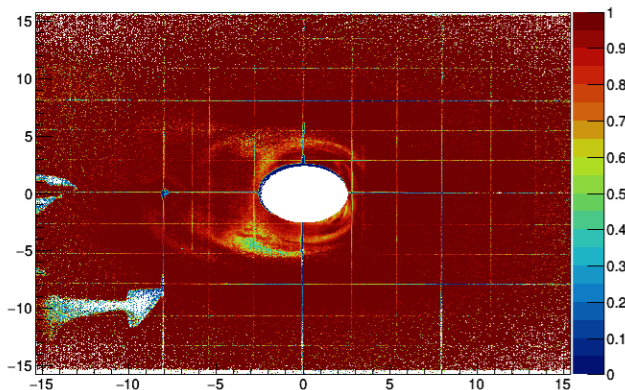
GM04V1\_\_: Efficiency ( $6\sigma$ ) = 83.951 %



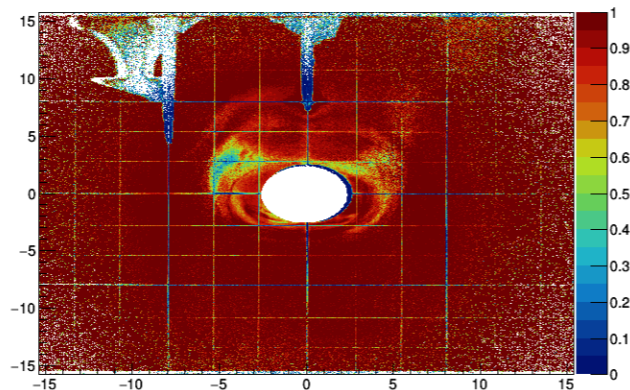


# SELECTED RESULTS: GEM 05 - 08

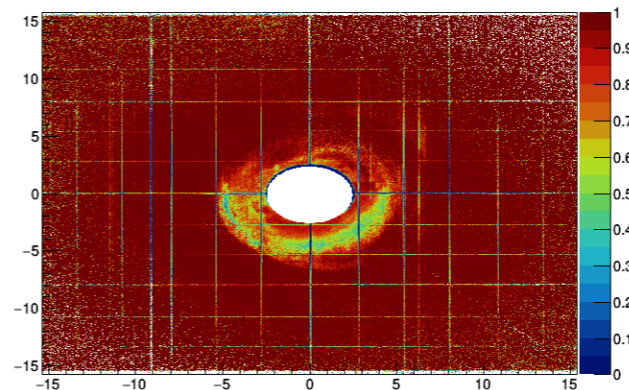
GM05X1\_\_: Efficiency ( $6\sigma$ ) = 88.5451 %



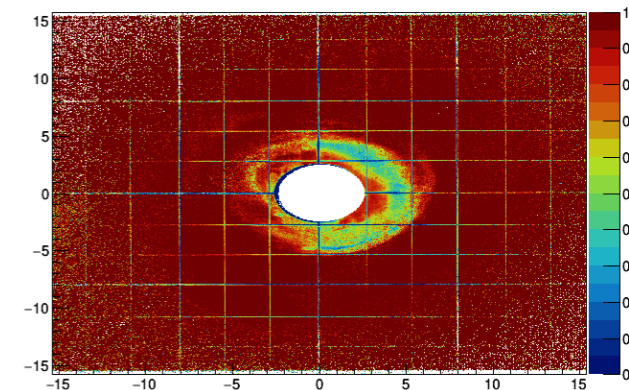
GM05Y1\_\_: Efficiency ( $6\sigma$ ) = 85.0013 %



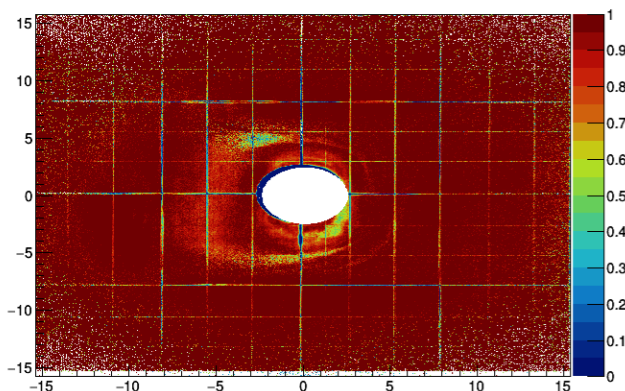
GM05U1\_\_: Efficiency ( $6\sigma$ ) = 85.14 %



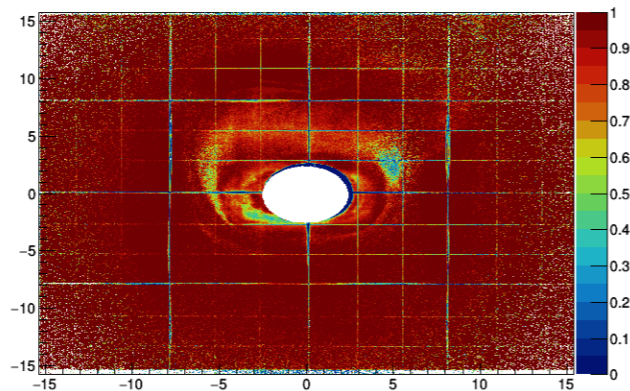
GM05V1\_\_: Efficiency ( $6\sigma$ ) = 83.0684 %



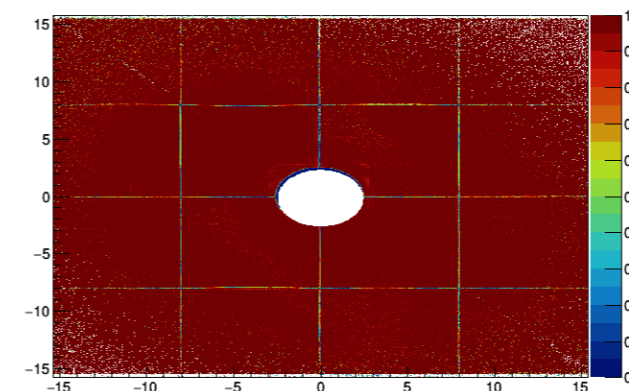
GM06X1\_\_: Efficiency ( $6\sigma$ ) = 86.3775 %



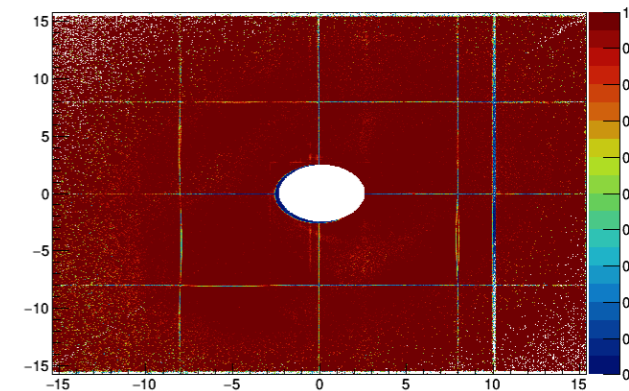
GM06Y1\_\_: Efficiency ( $6\sigma$ ) = 84.0558 %



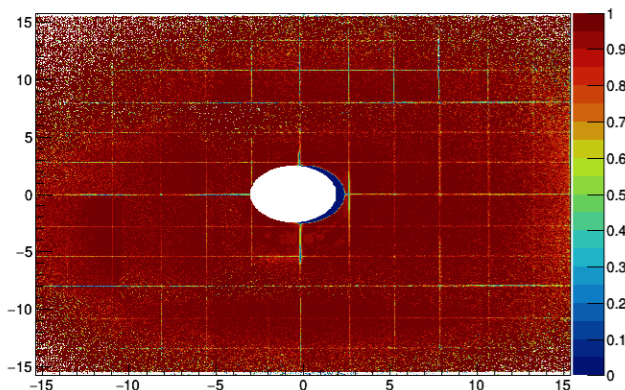
GM06U1\_\_: Efficiency ( $6\sigma$ ) = 95.449 %



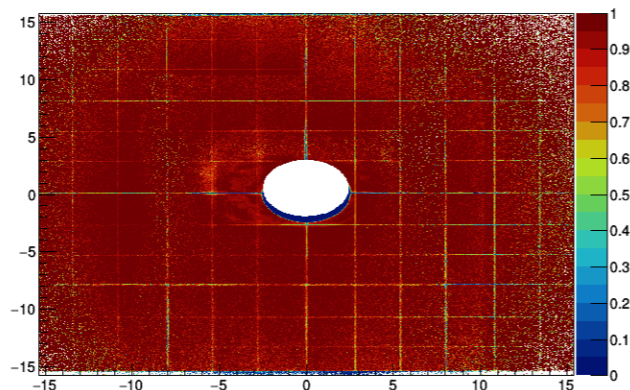
GM06V1\_\_: Efficiency ( $6\sigma$ ) = 94.9402 %



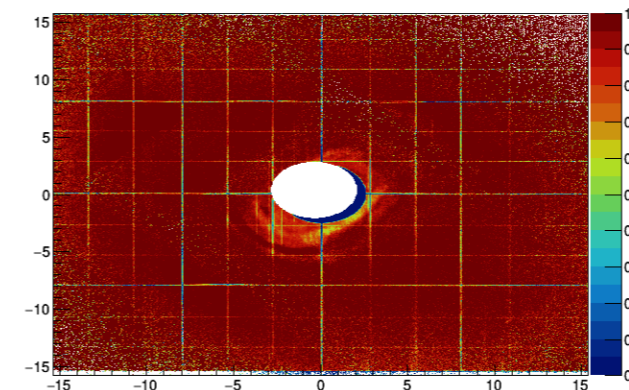
GM07X1\_\_: Efficiency ( $6\sigma$ ) = 87.553 %



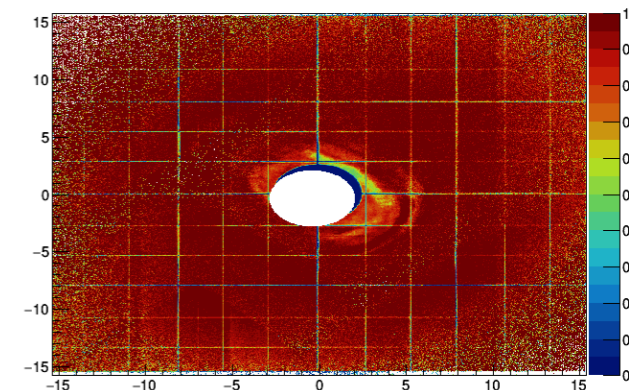
GM07Y1\_\_: Efficiency ( $6\sigma$ ) = 86.5866 %



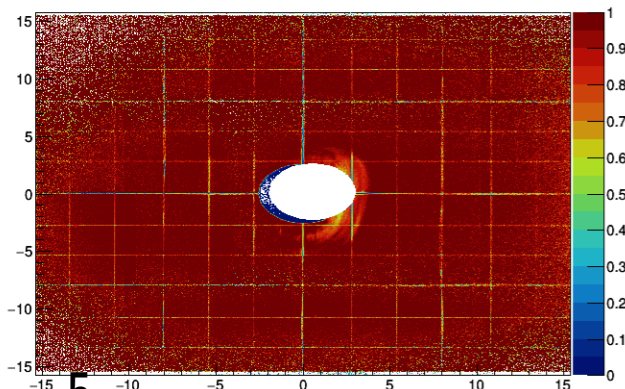
GM07U1\_\_: Efficiency ( $6\sigma$ ) = 82.0055 %



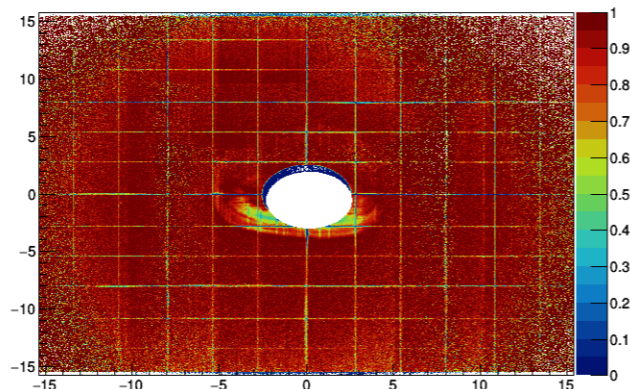
GM07V1\_\_: Efficiency ( $6\sigma$ ) = 79.5682 %



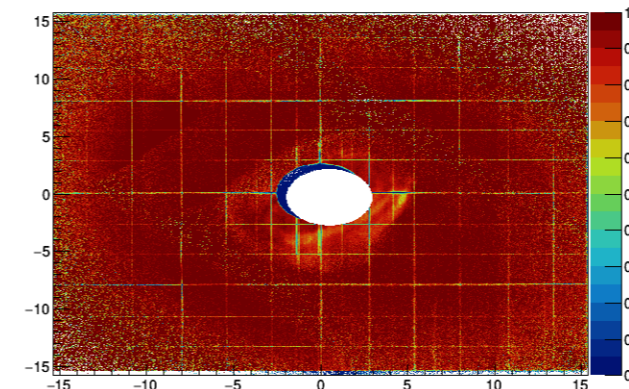
GM08X1\_\_: Efficiency ( $6\sigma$ ) = 88.9679 %



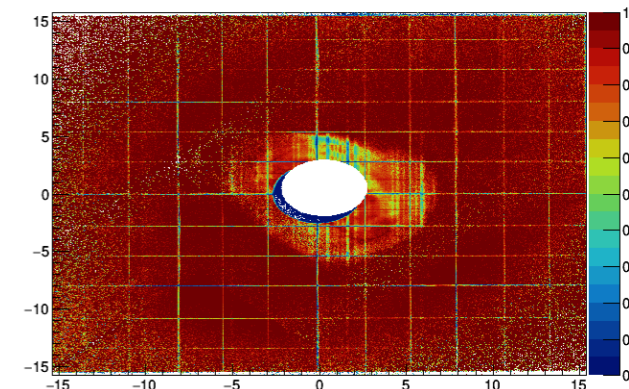
GM08Y1\_\_: Efficiency ( $6\sigma$ ) = 82.373 %



GM08U1\_\_: Efficiency ( $6\sigma$ ) = 87.1739 %

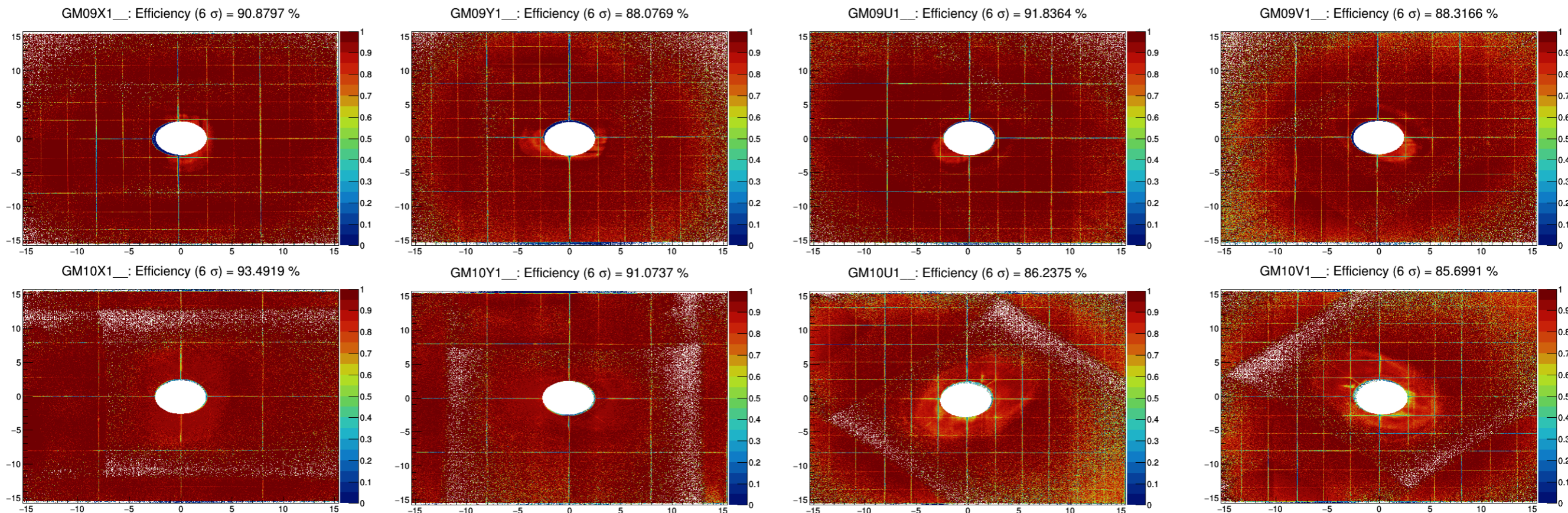


GM08V1\_\_: Efficiency ( $6\sigma$ ) = 82.2478 %





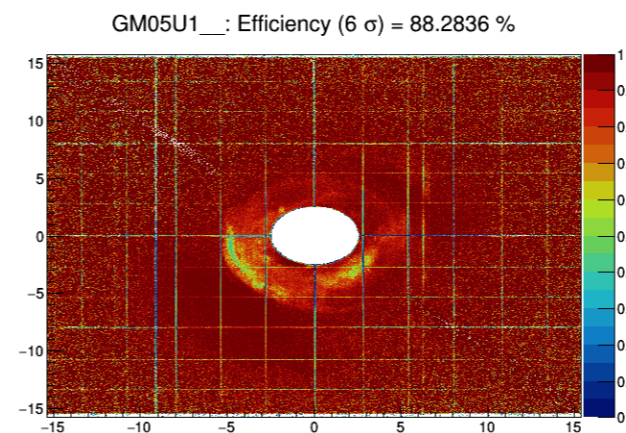
# SELECTED RESULTS: GEM 05 - 08



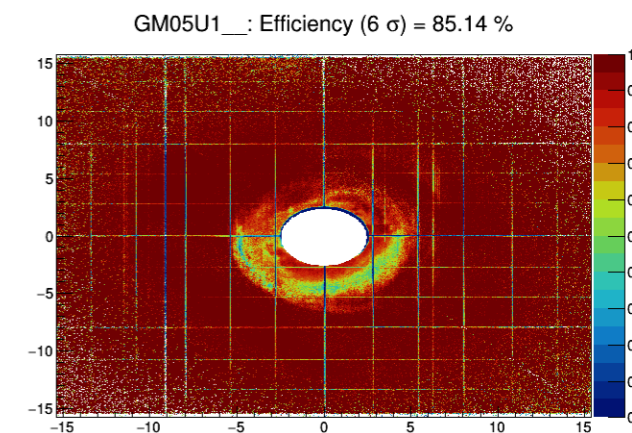
## GEM summary:

- Weird structures observed also in DY confirmed. Something new/ worse wrt 2015;
- **Several** dead zone issues: GM02, GM04, GM05, GM06, GM07, GM08, GM09;

**2015**



**2016**





# RT ISSUES?

DB freeze out declared in CORAL :  
CDB entrytime 2018-10-04-08:00:00

