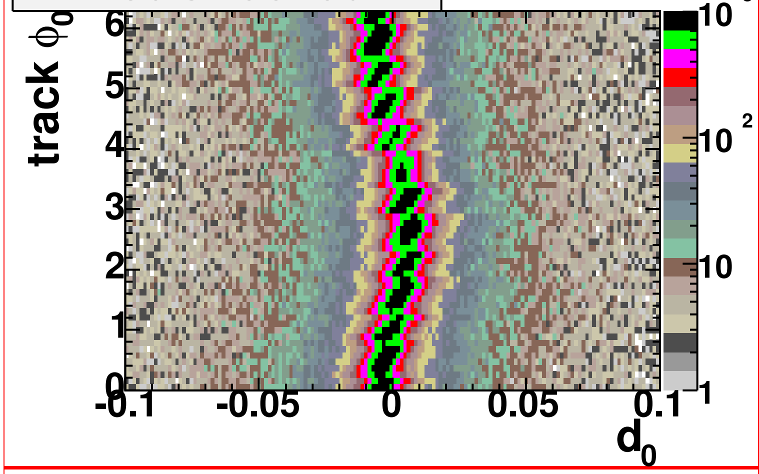
ObjectMon #100 SVXMonitor SVX Slide Show

COSMICS DATA SHOULD NOT BE RUN WITH PHYSICS TCL!!!

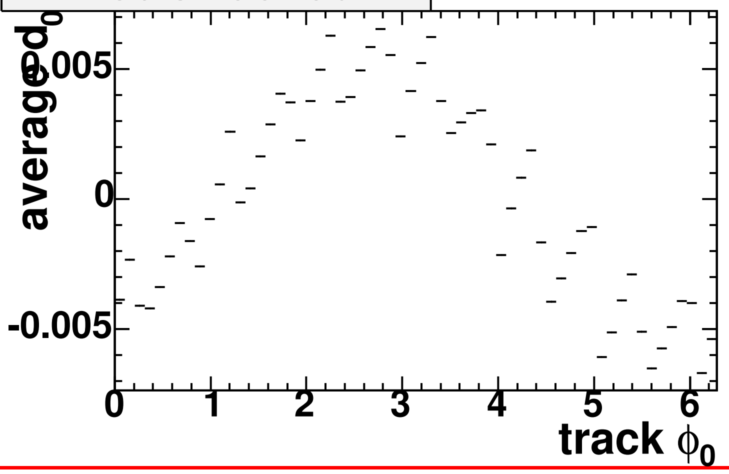
Track ϕ vs. d_0

Not Checked



Average d_0 vs. ϕ (d_0<0.02)

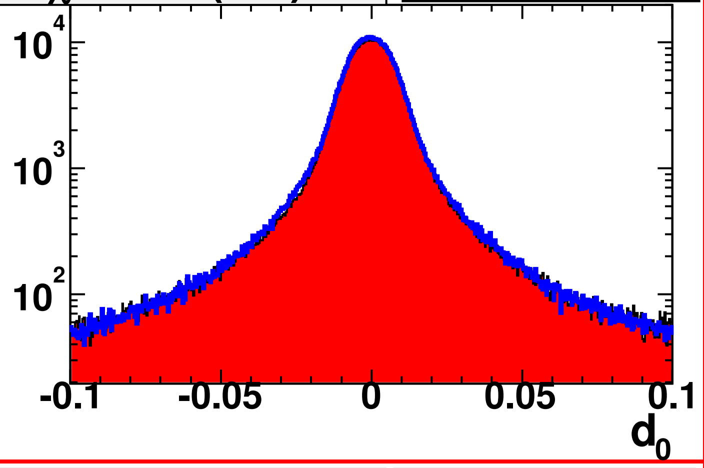
Not Checked



Track d_0

χ^2= 7.3 (> 5)

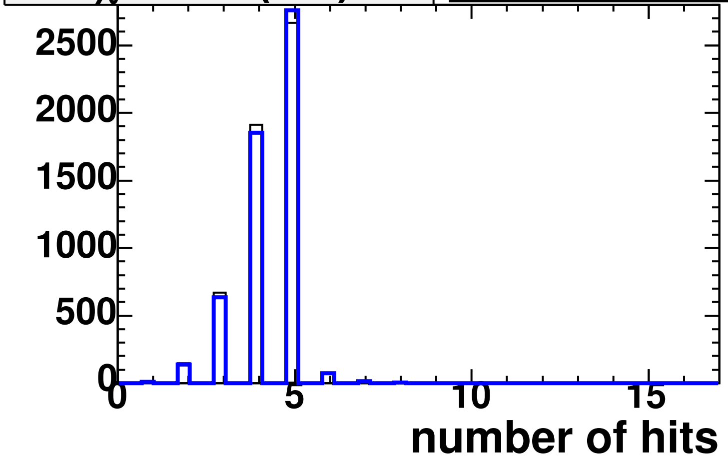
Entries	685564
Mean	-4.807e-05
RMS	0.01815



# of Silicon Hits (d_0<0.02)

χ^2= 41 (> 5)

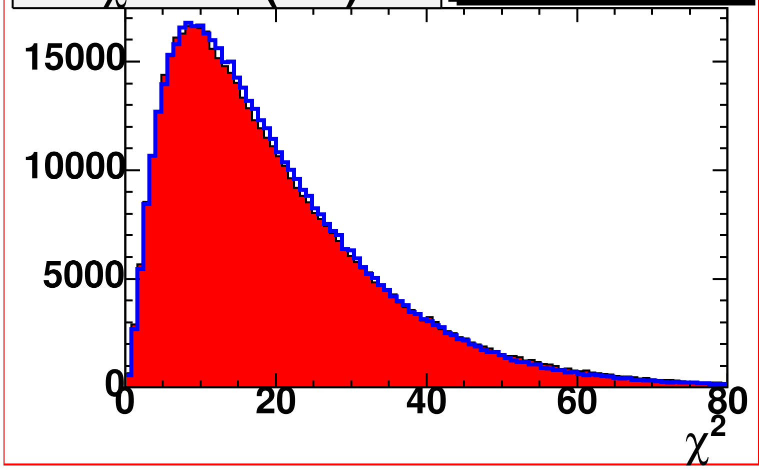
Entries	549684
Mean	4.342
RMS	0.8345



Track χ^2 (d_0<0.02)

χ^2= 6.1 (> 5)

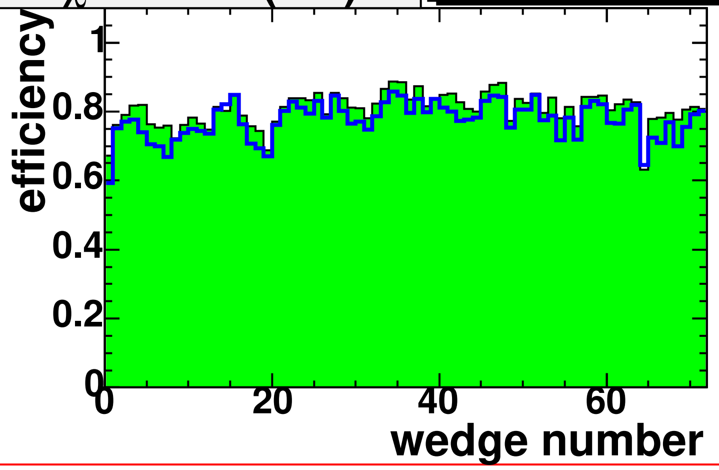
Entries	534037
Mean	20.13
RMS	14.31

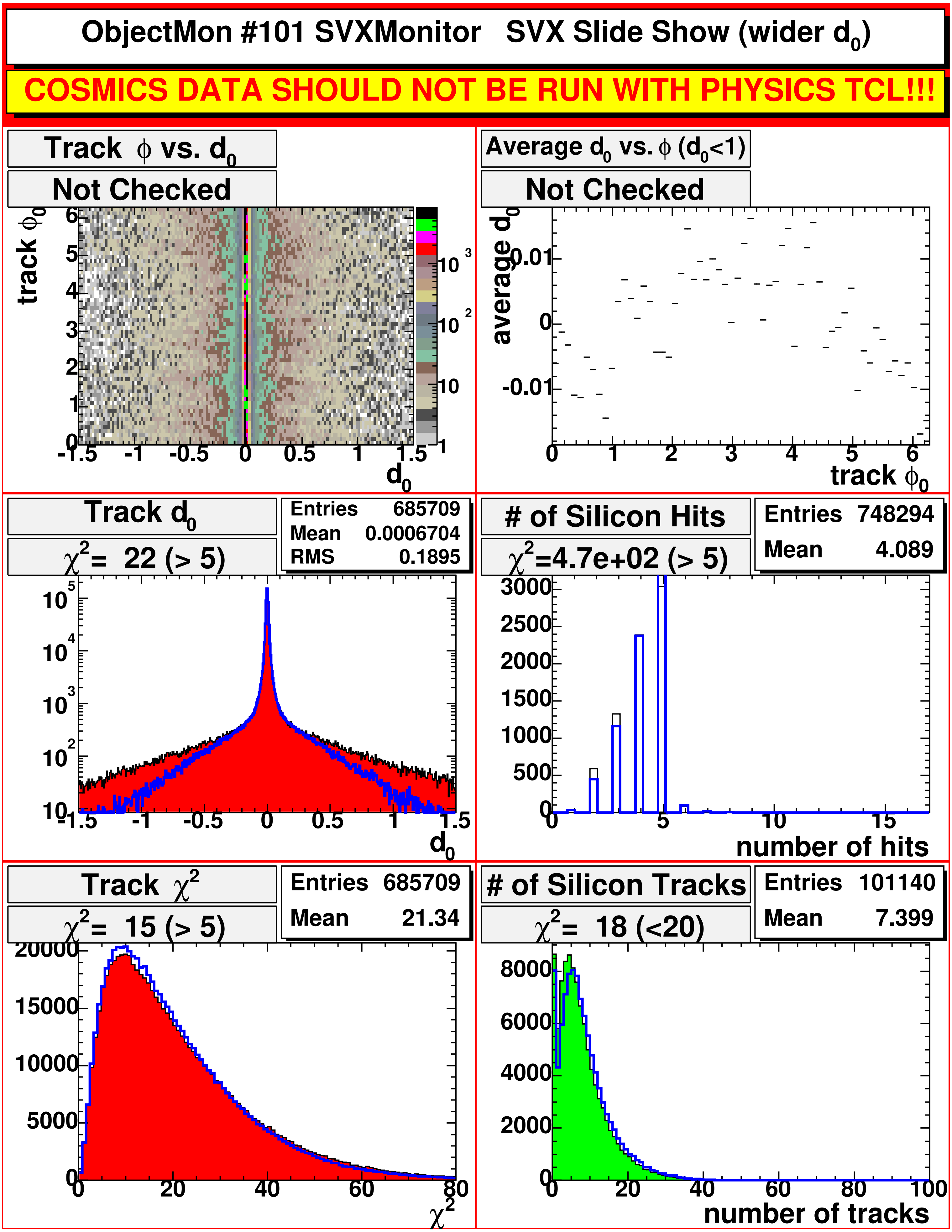


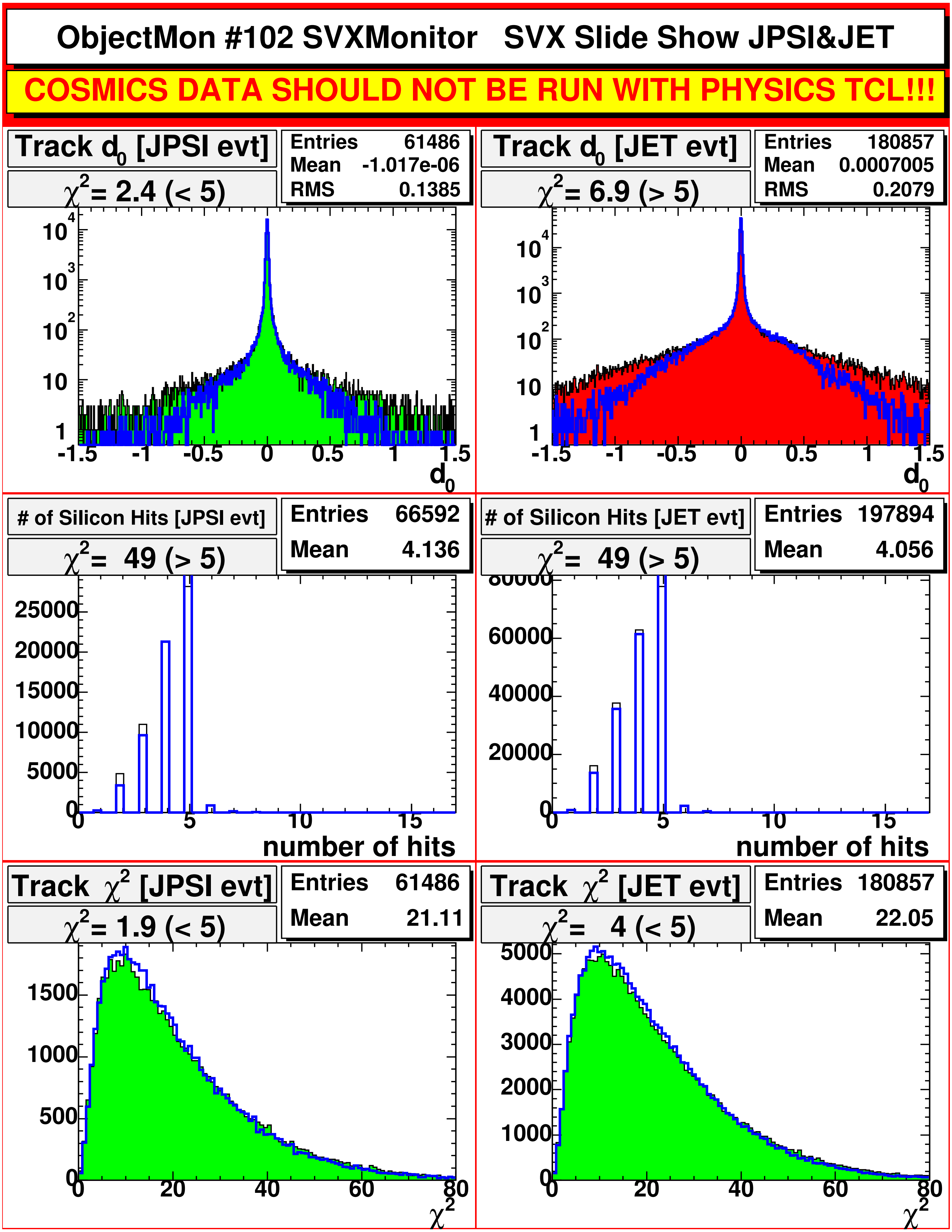
Efficiency by wedge

χ^2=0.001 (< 5)

Entries 679379




ObjectMon #101 SVXMonitor SVX Slide Show (wider d0)
COSMICS DATA SHOULD NOT BE RUN WITH PHYSICS TCL!!!
Track φ vs. d0
Not Checked
track φ0
d0
Average d0 vs. φ (d0<1)
Not Checked
average d0
track φ0
Track d0
χ2= 22 (> 5)
Entries 685709
Mean 0.0006704
RMS 0.1895
d0
# of Silicon Hits
χ2=4.7e+02 (> 5)
Entries 748294
Mean 4.089
number of hits
Track χ2
χ2= 15 (> 5)
Entries 685709
Mean 21.34
χ2
# of Silicon Tracks
χ2= 18 (<20)
Entries 101140
Mean 7.399
number of tracks


ObjectMon #102 SVXMonitor SVX Slide Show JPSI&JET
COSMICS DATA SHOULD NOT BE RUN WITH PHYSICS TCL!!!
Track d0 [JPSI evt]
χ2= 2.4 (< 5)
Entries 61486
Mean -1.017e-06
RMS 0.1385
d0
Track d0 [JET evt]
χ2= 6.9 (> 5)
Entries 180857
Mean 0.0007005
RMS 0.2079
d0
# of Silicon Hits [JPSI evt]
χ2= 49 (> 5)
Entries 66592
Mean 4.136
number of hits
# of Silicon Hits [JET evt]
χ2= 49 (> 5)
Entries 197894
Mean 4.056
number of hits
Track χ2 [JPSI evt]
χ2= 1.9 (< 5)
Entries 61486
Mean 21.11
χ2
Track χ2 [JET evt]
χ2= 4 (< 5)
Entries 180857
Mean 22.05
χ2

ObjectMon #103 SVXMonitor Silicon Tracking

COSMICS DATA SHOULD NOT BE RUN WITH PHYSICS TCL!!!