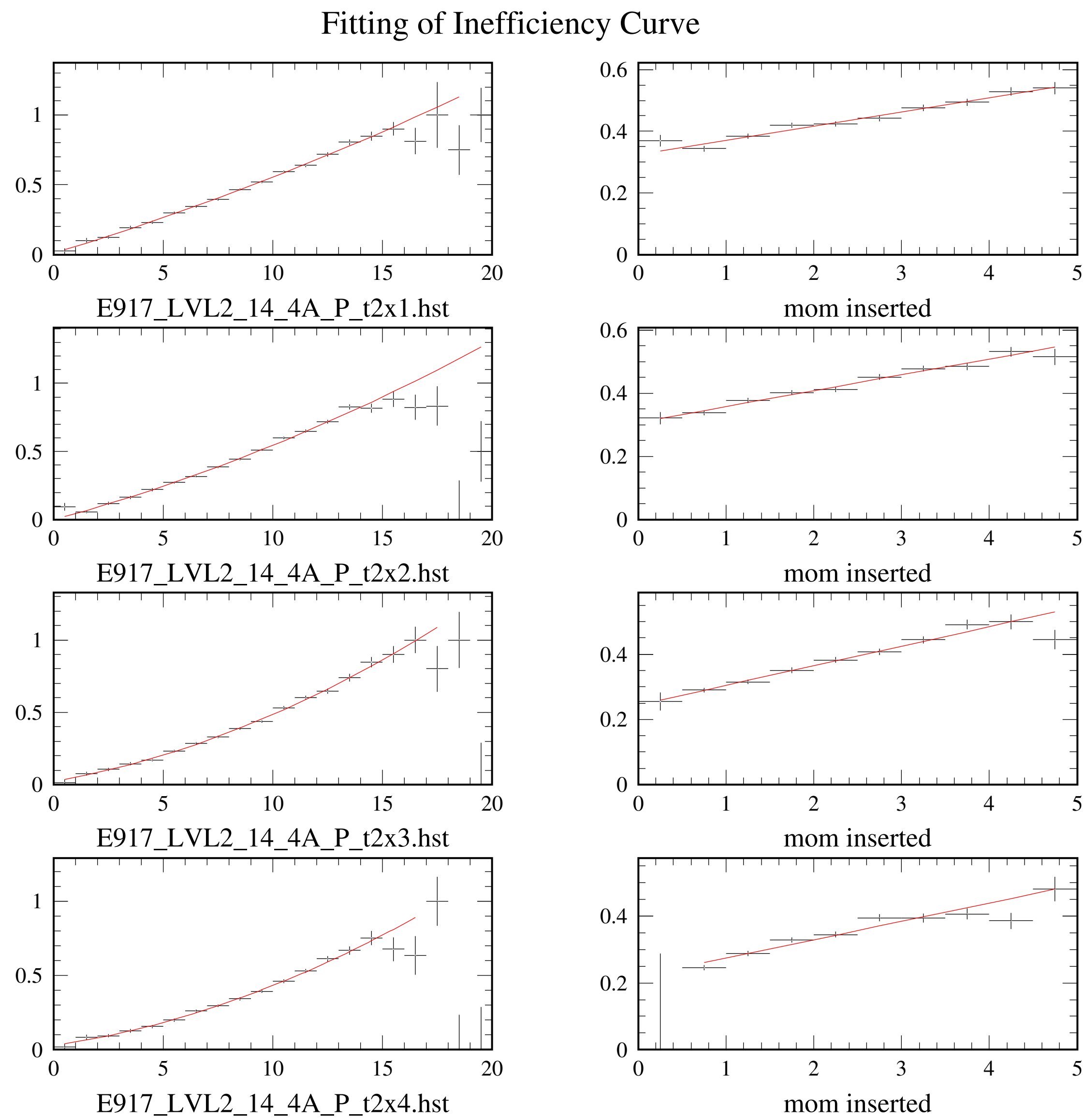
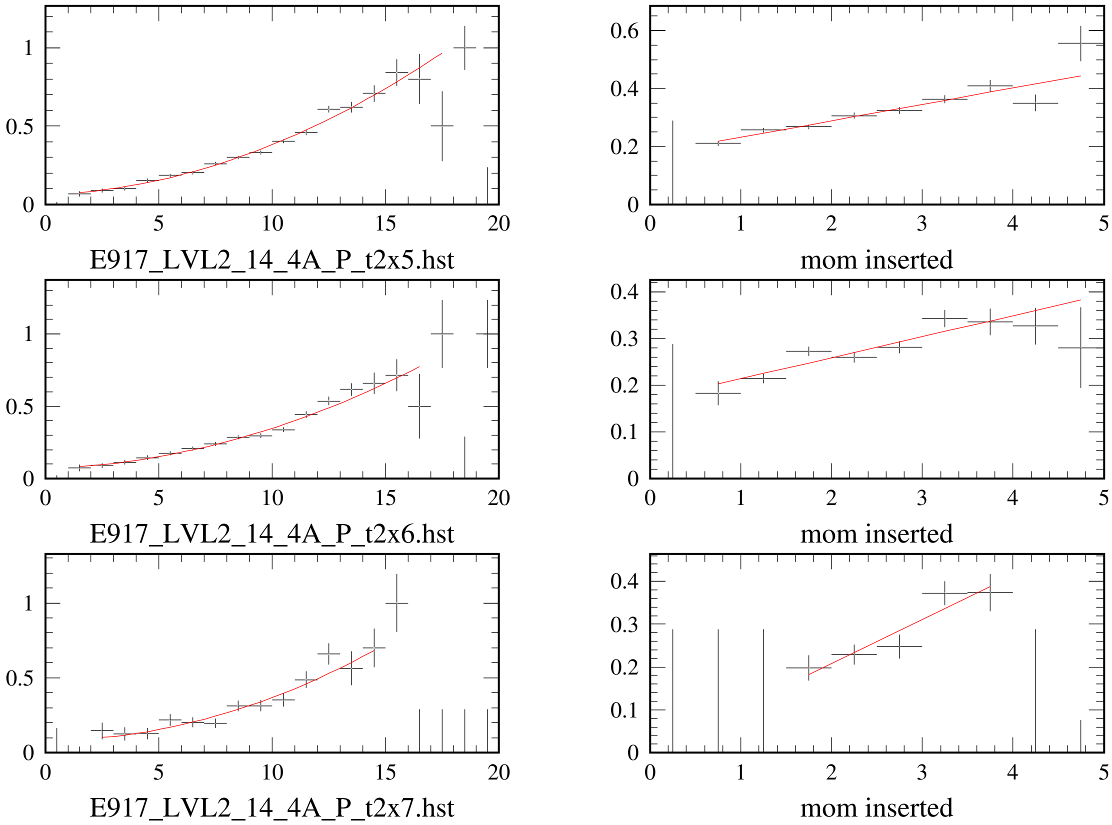
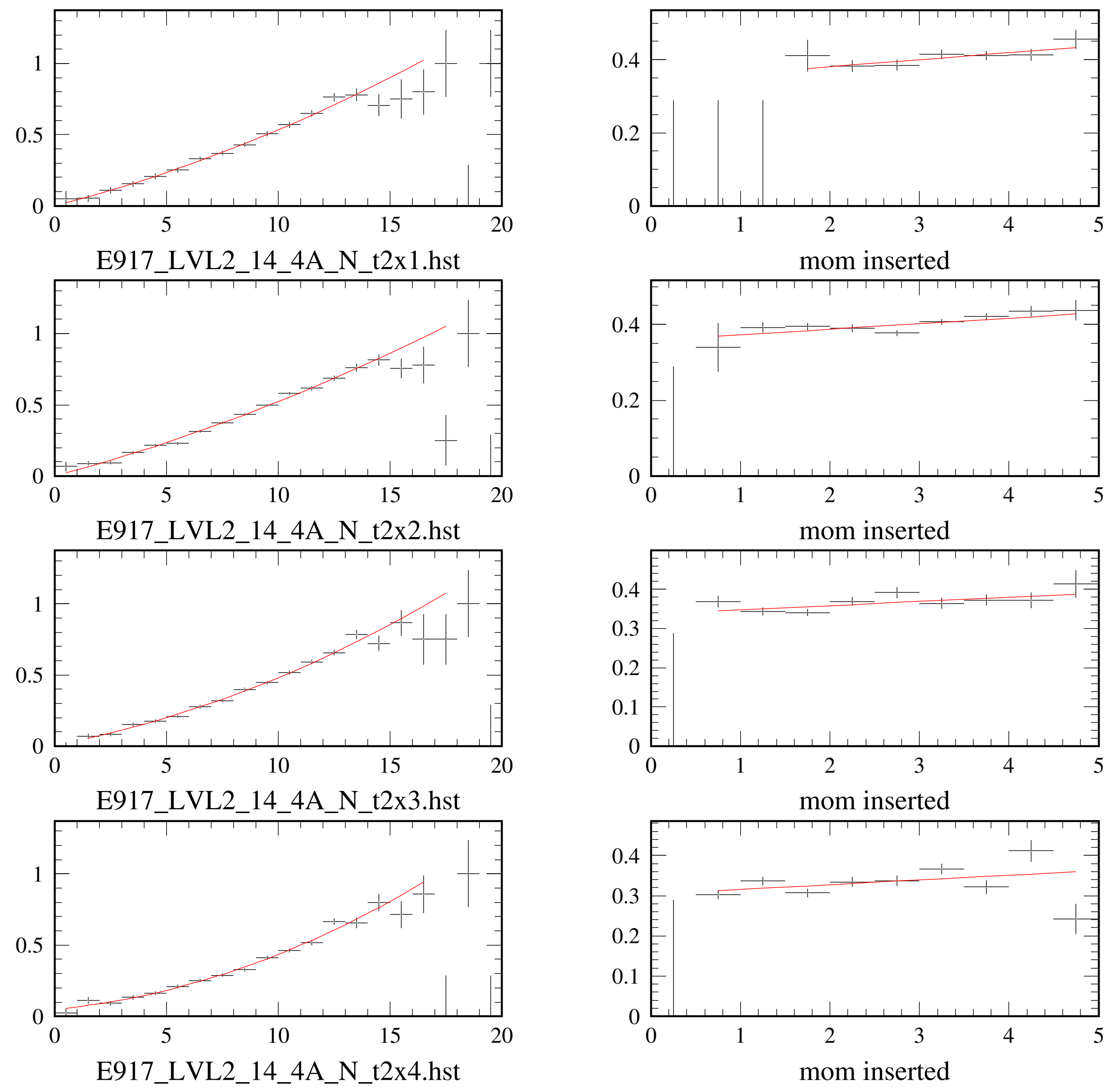
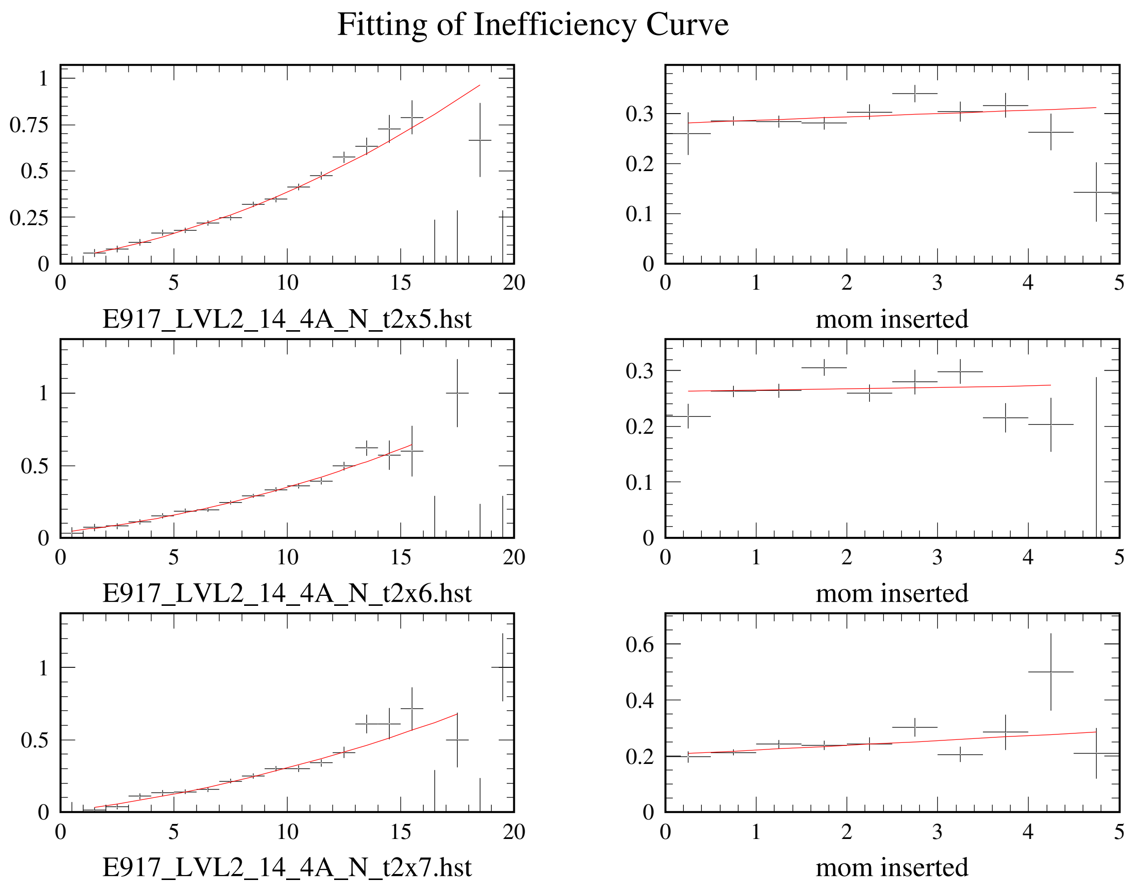

Fitting of Inefficiency Curve
E917_LVL2_14_4A_P_t2x1.hst
mom inserted
E917_LVL2_14_4A_P_t2x2.hst
mom inserted
E917_LVL2_14_4A_P_t2x3.hst
mom inserted
E917_LVL2_14_4A_P_t2x4.hst
mom inserted

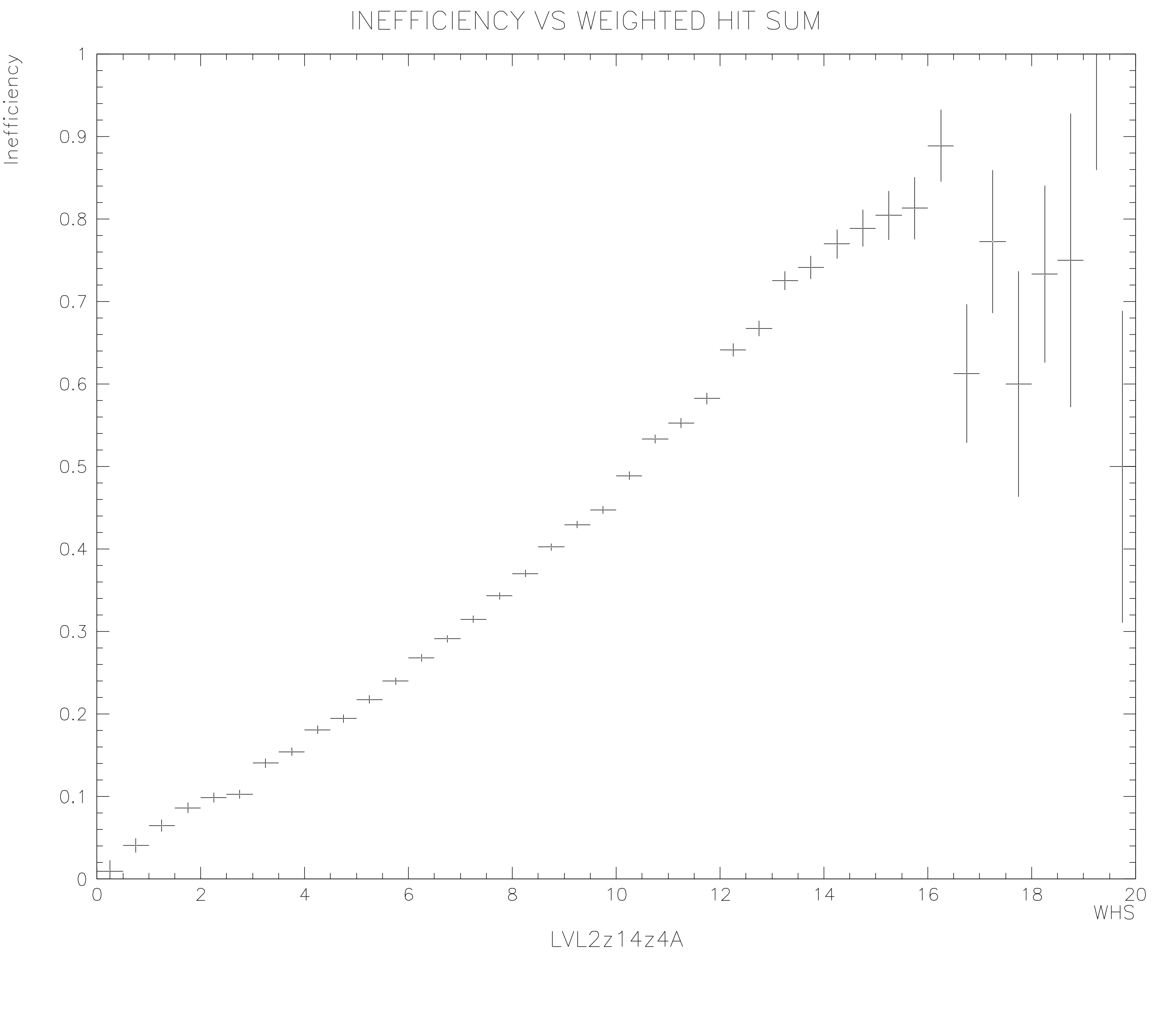
Fitting of Inefficiency Curve



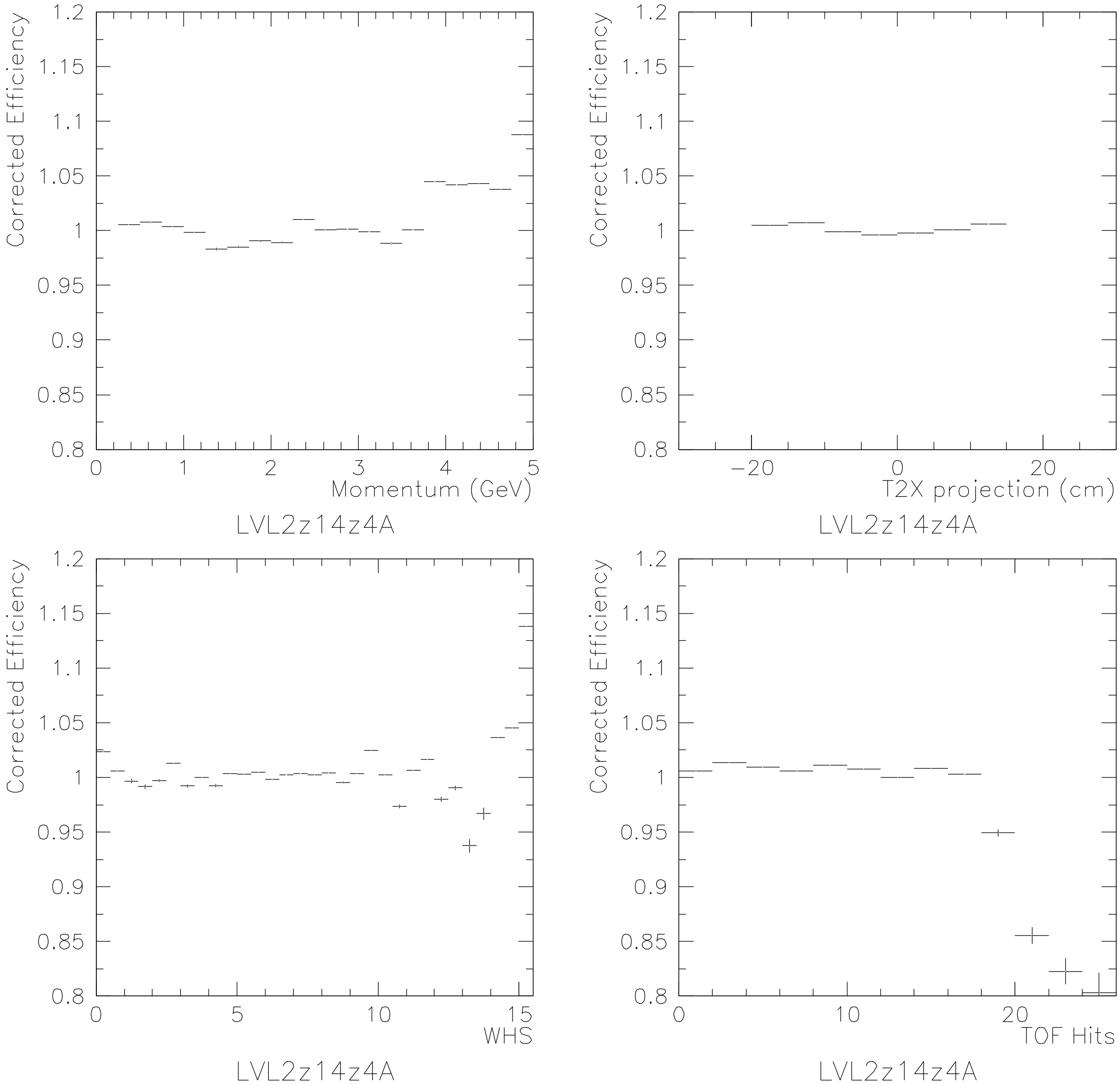
Fitting of Inefficiency Curve

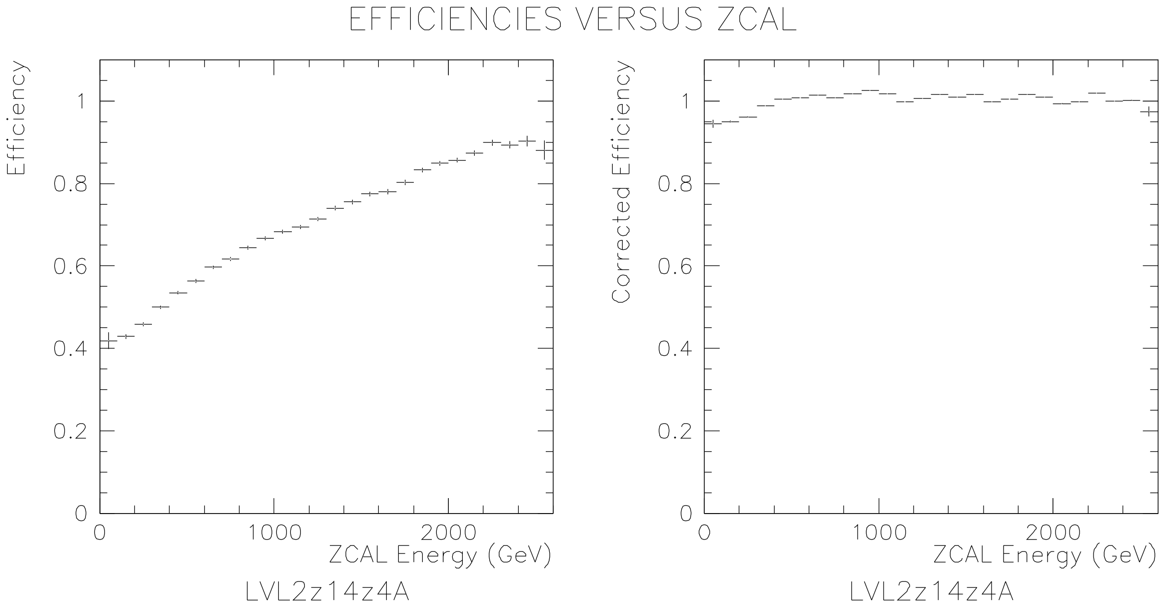



Fitting of Inefficiency Curve
E917_LVL2_14_4A_N_t2x5.hst
mom inserted
E917_LVL2_14_4A_N_t2x6.hst
mom inserted
E917_LVL2_14_4A_N_t2x7.hst
mom inserted

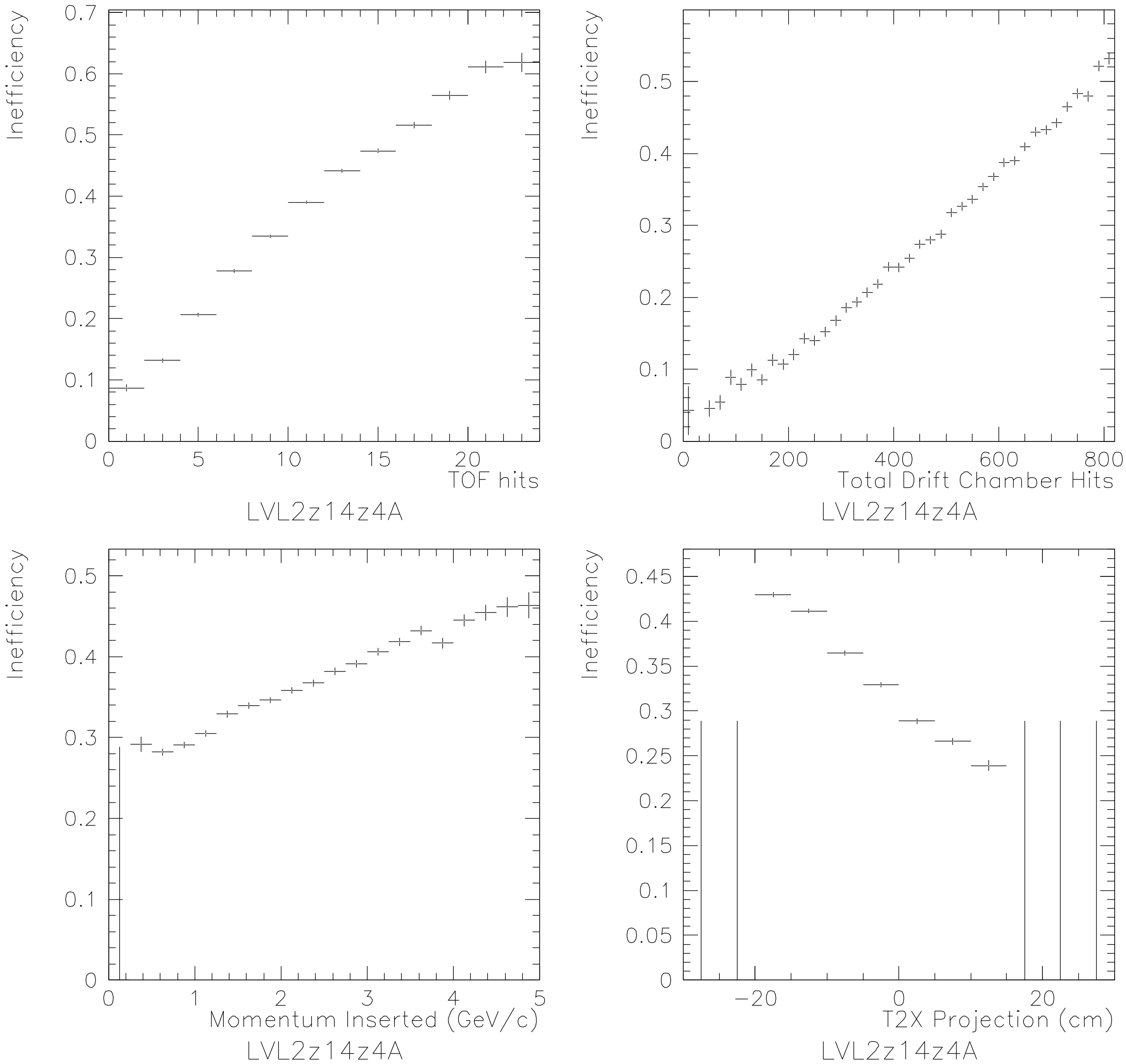

INEFFICIENCY VS WEIGHTED HIT SUM
Inefficiency
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
2
4
6
8
10
12
14
16
18
20
WHS
LVL2z14z4A

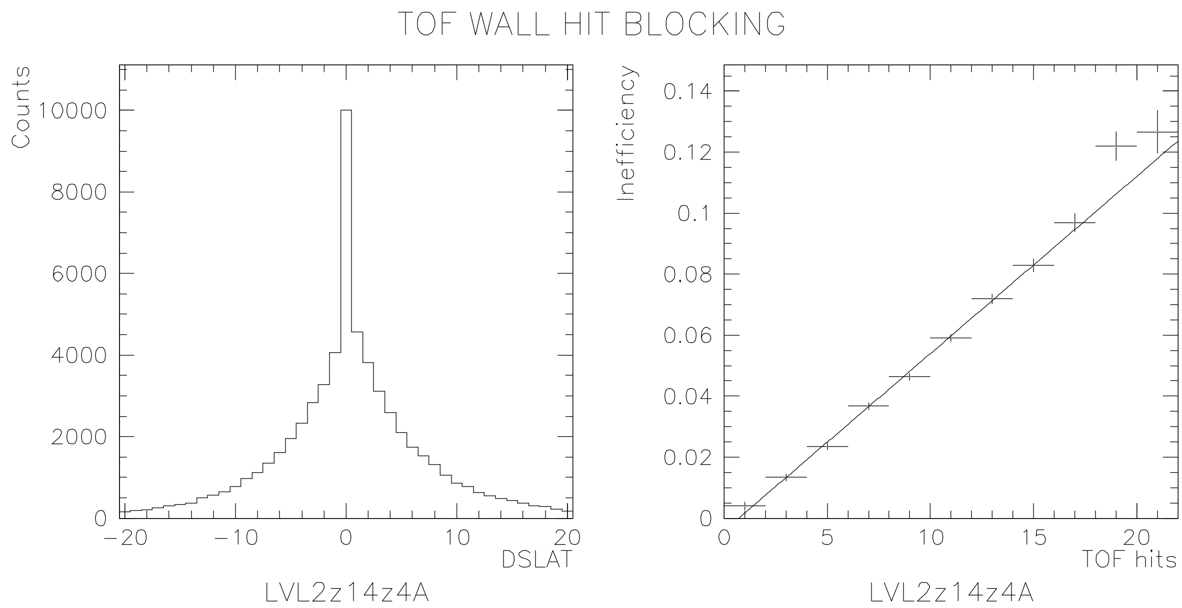
CORRECTED EFFICIENCIES



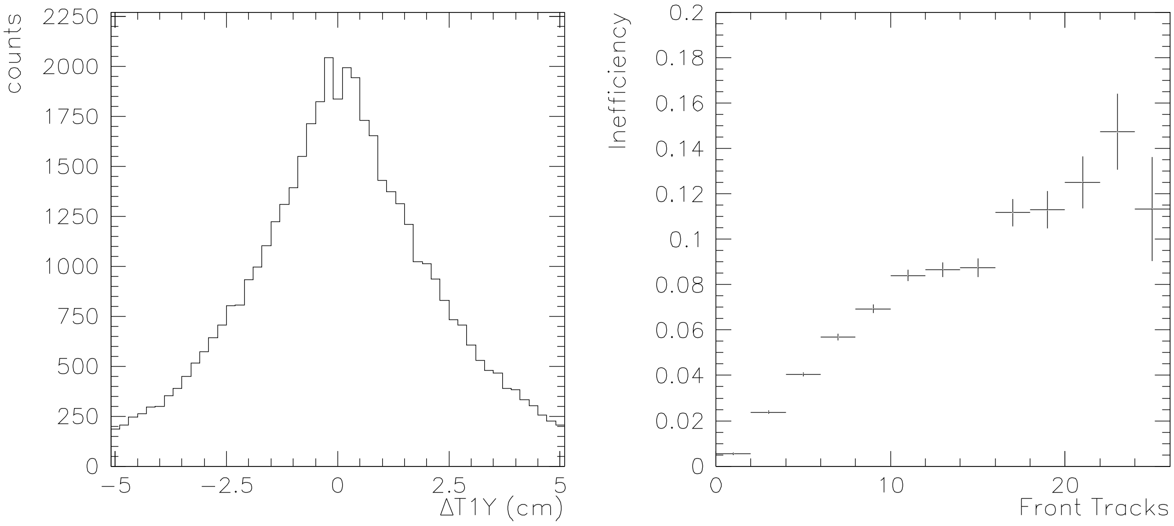

EFFICIENCIES VERSUS ZCAL
Efficiency
Corrected Efficiency
0
0.2
0.4
0.6
0.8
1
0
1000
2000
ZCAL Energy (GeV)
LVL2z14z4A
LVL2z14z4A

TYPICAL INEFFICIENCY PLOTS

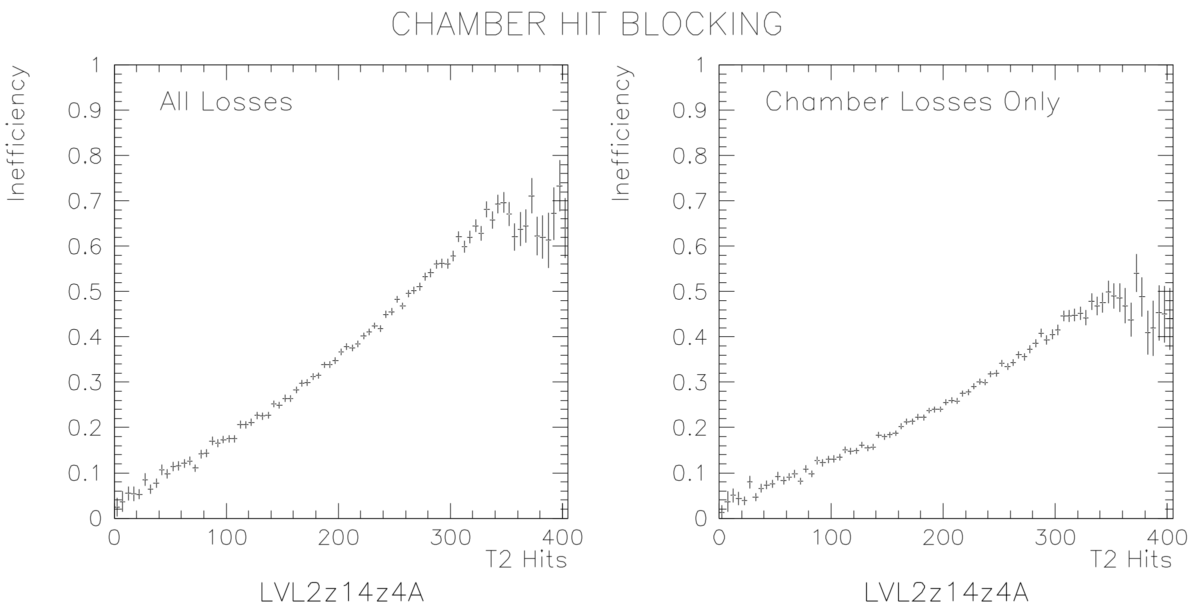


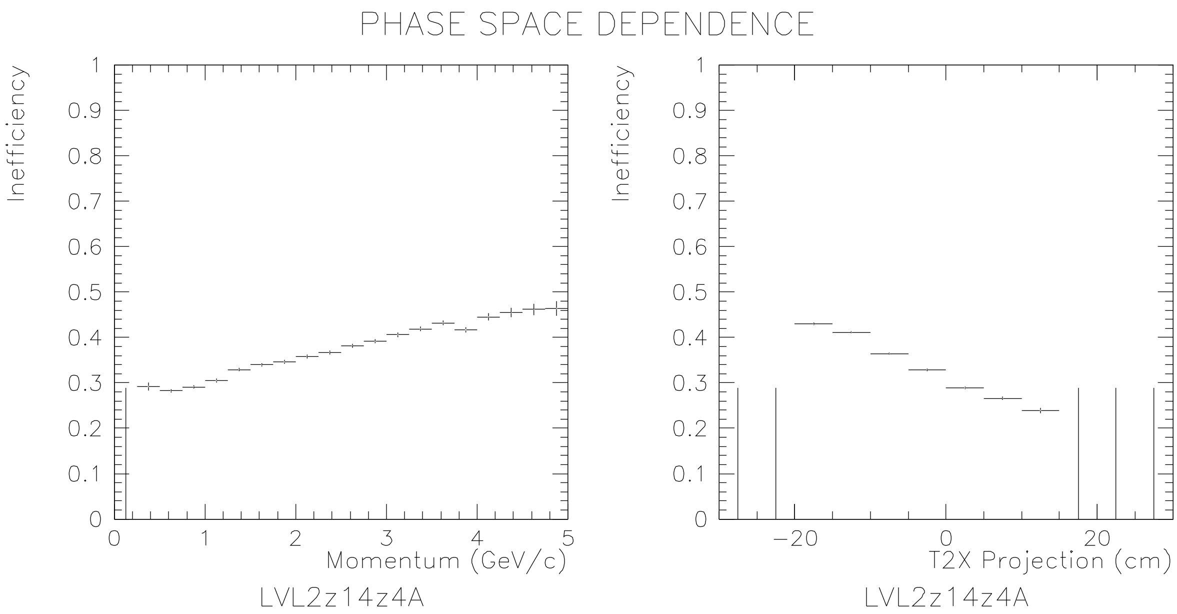

TOF WALL HIT BLOCKING
Counts
10000
8000
6000
4000
2000
0
−20
−10
0
10
20
DSLAT
LVL2z14z4A
Inefficiency
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
5
10
15
20
TOF hits
LVL2z14z4A

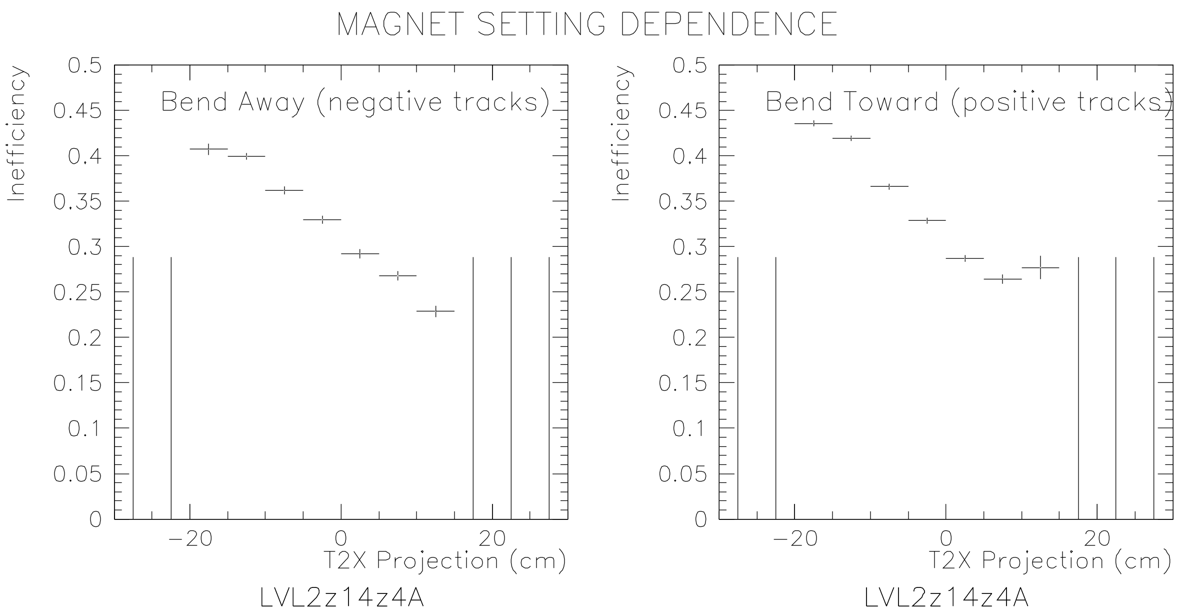
FRONT TRACK BLOCKING



LVL2z14z4A LVL2z14z4A


CHAMBER HIT BLOCKING
All Losses
Chamber Losses Only
Inefficiency
T2 Hits
LVL2z14z4A
LVL2z14z4A


PHASE SPACE DEPENDENCE
Inefficiency
Momentum (GeV/c)
LVL2z14z4A
Inefficiency
T2X Projection (cm)
LVL2z14z4A


MAGNET SETTING DEPENDENCE
Bend Away (negative tracks)
Inefficiency
T2X Projection (cm)
LVL2z14z4A
Bend Toward (positive tracks)
Inefficiency
T2X Projection (cm)
LVL2z14z4A