Map of hits per bin

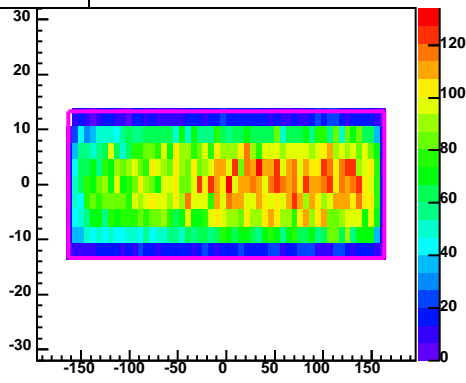# Map of mean energy per bin

T4L4C0 · T4L4C1 · T4L4C2 · T4L4C3 · T4L4C4 · T4L4C5 · T4L4C6 · T4L4C7 · T4L4C8 · T4L4C9 · T4L4C10 · T4L4C11
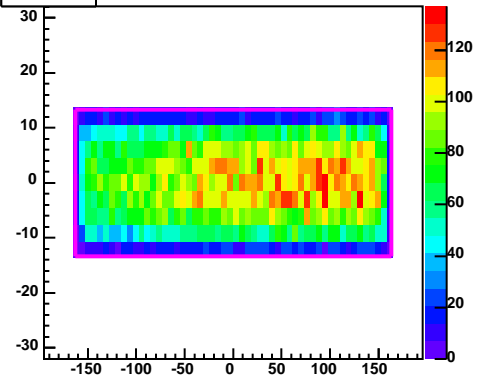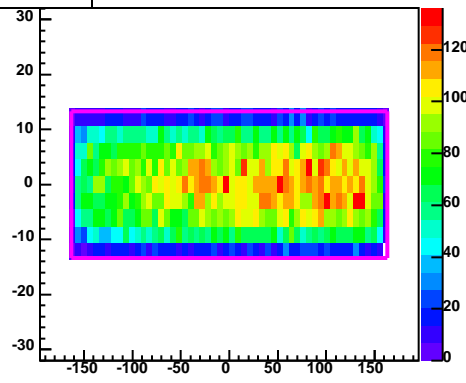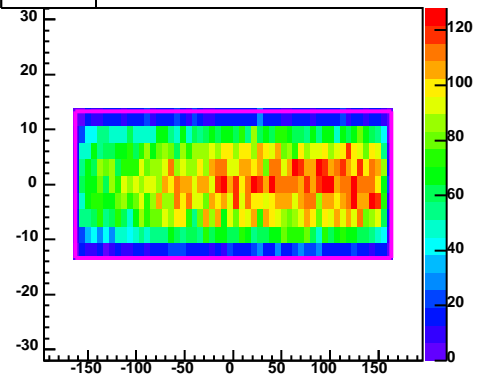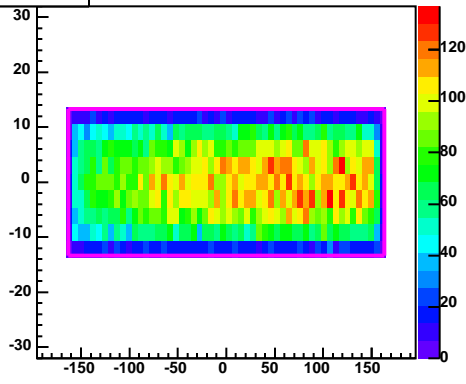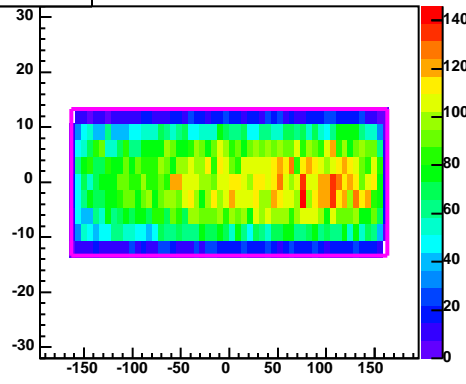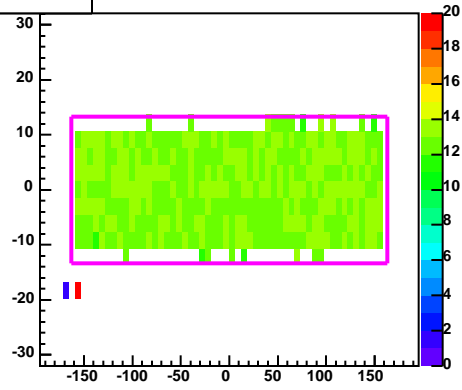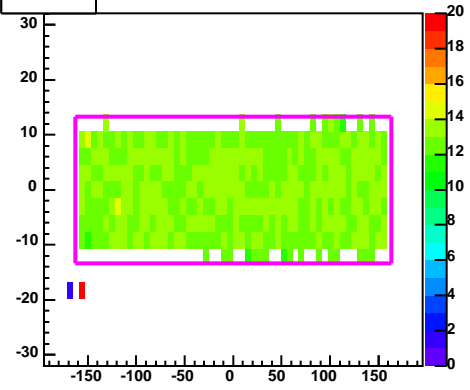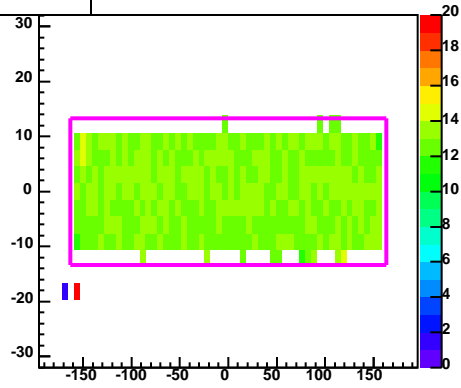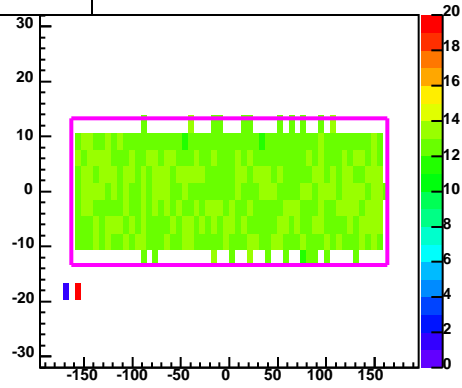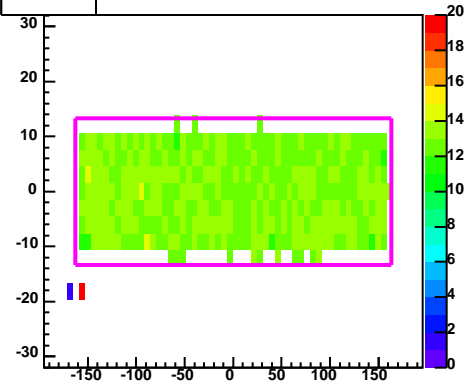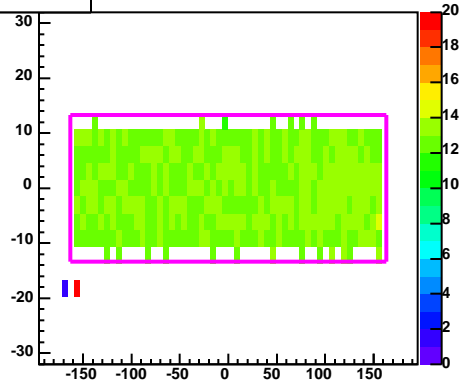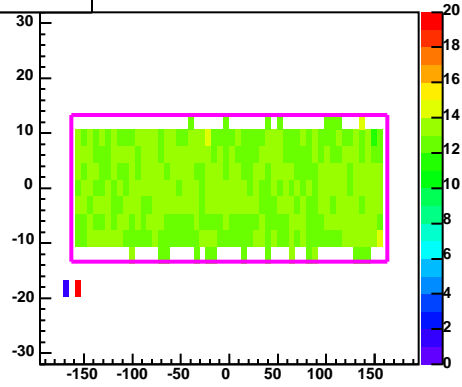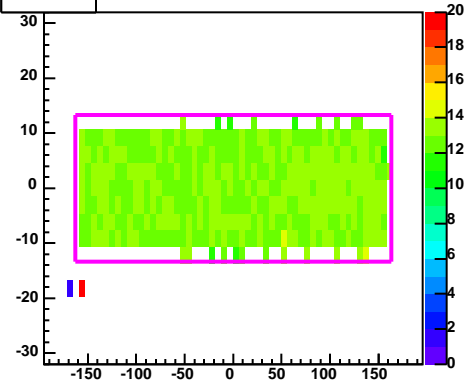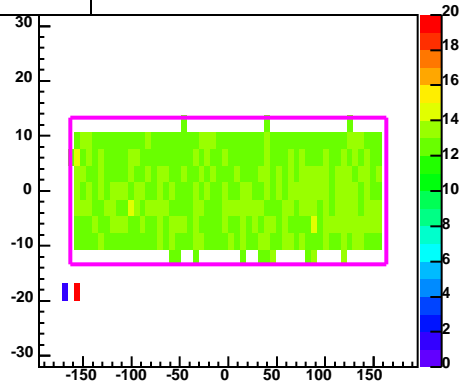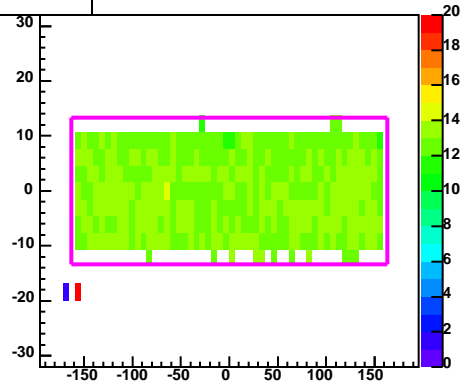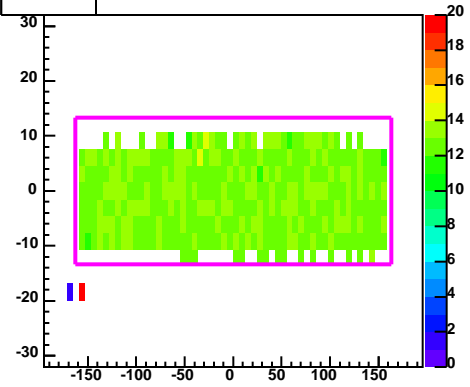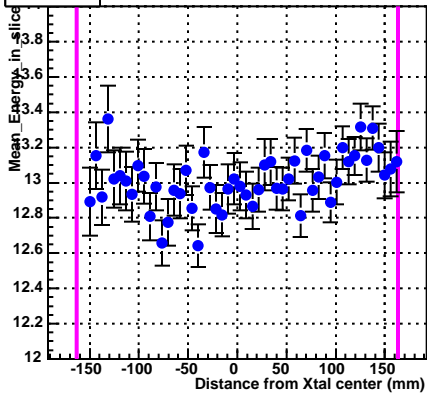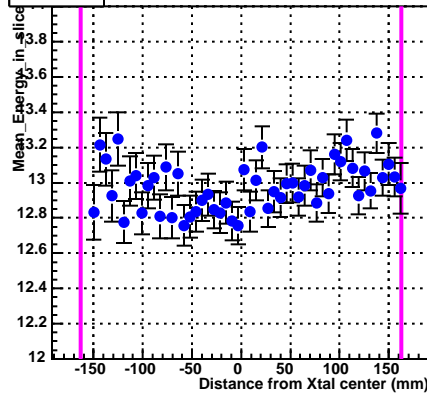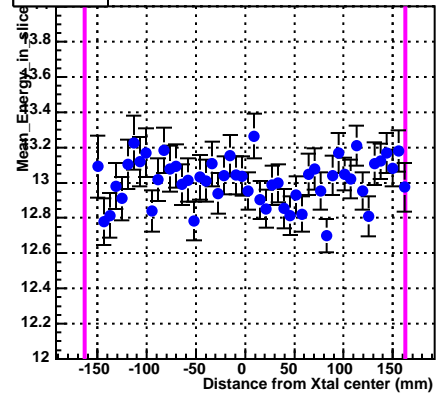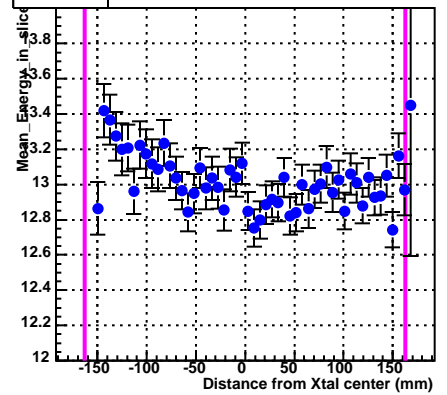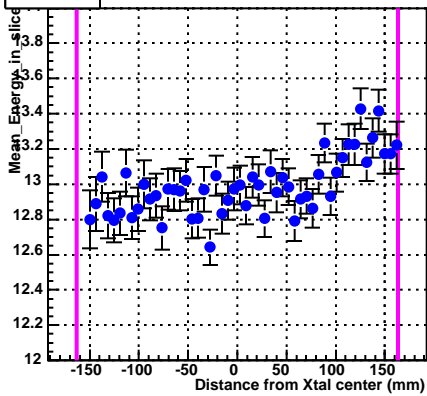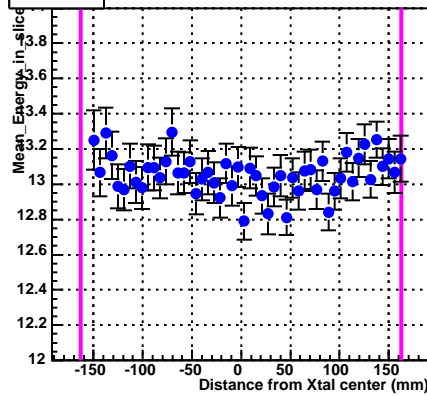
Crystal longitudinal energy response profile

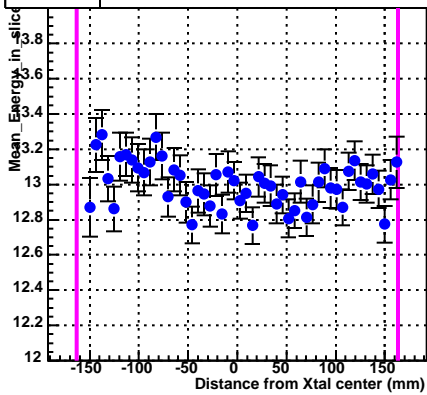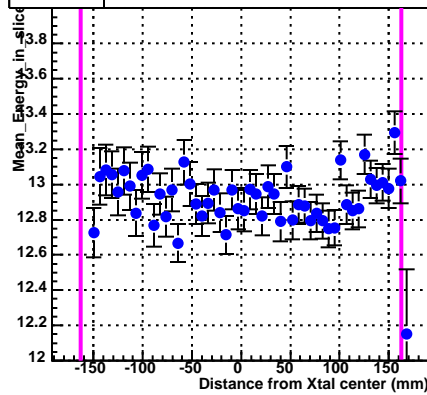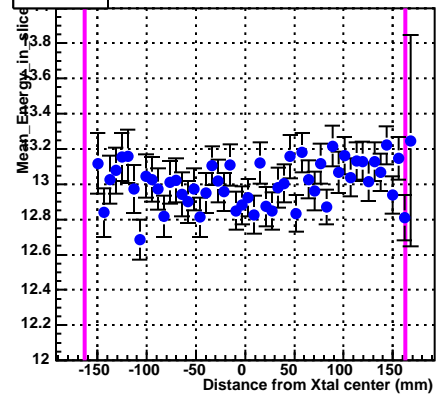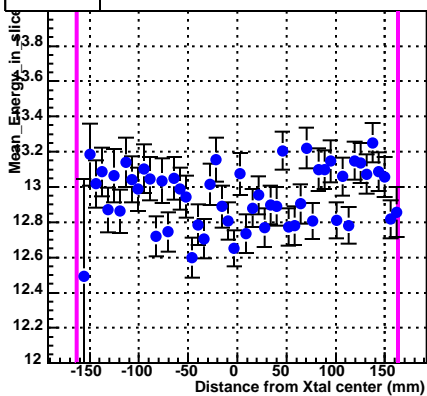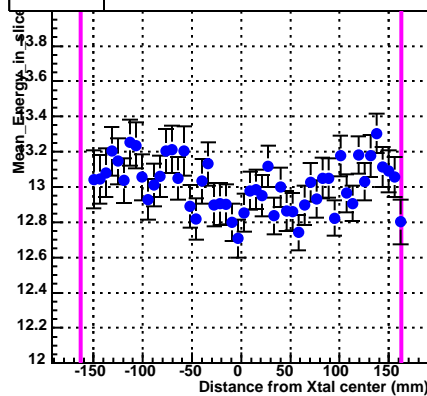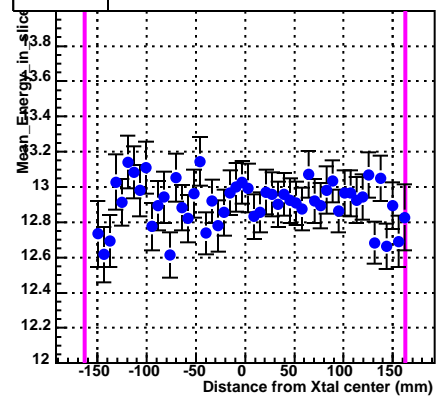# Residuals (in %) from mean energy in slices
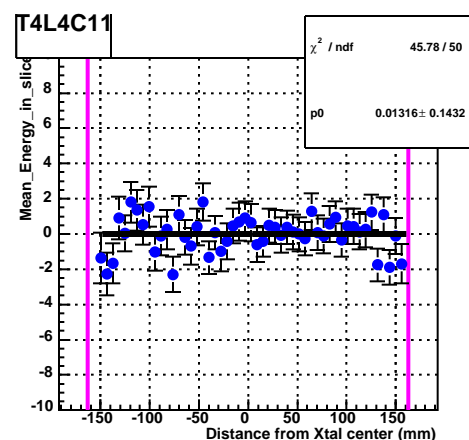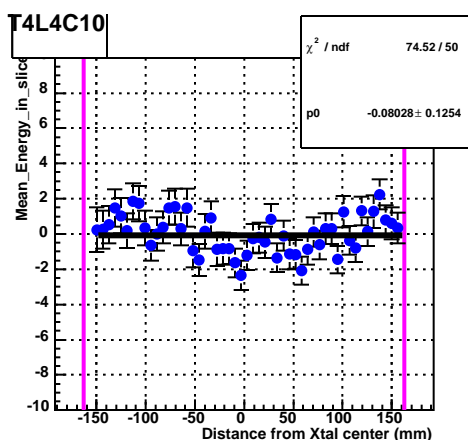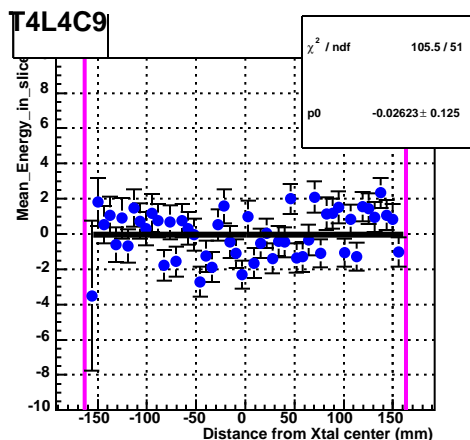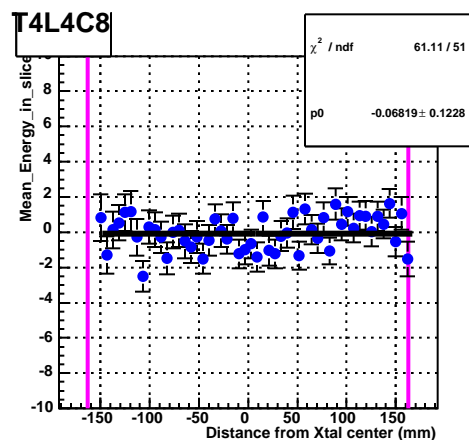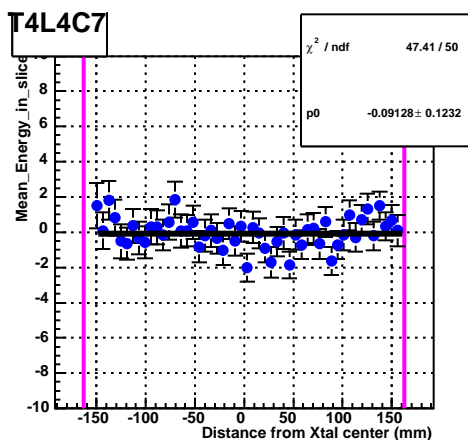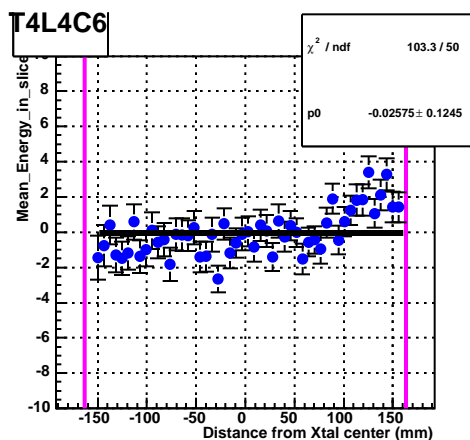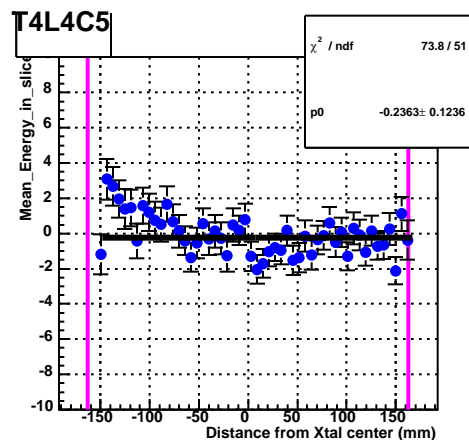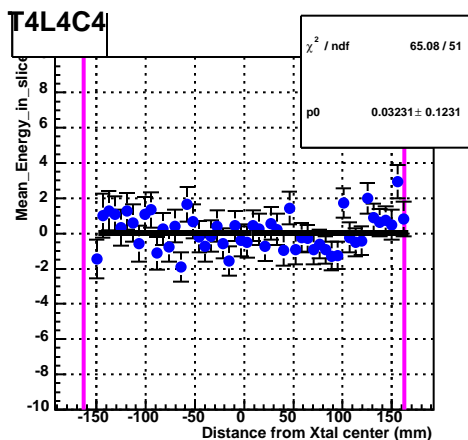
Residuals from log mean energy for each crystal bin

T4L4C0

T4L4C0_EneLonTkr	
Entries	363
Mean	-0.0685
RMS	1.08
χ^2 / ndf	18.74 / 28
Constant	27.21± 1.84
Mean	-0.09145± 0.05851
Sigma	1.019 ± 0.044

T4L4C1

T4L4C1_EneLonTkr	
Entries	384
Mean	-0.04075
RMS	1.107
χ^2 / ndf	23.44 / 27
Constant	27.41± 1.85
Mean	0.03556± 0.05883
Sigma	1.065 ± 0.049

T4L4C2

T4L4C2_EneLonTkr	
Entries	390
Mean	-0.04236
RMS	1.11
χ^2 / ndf	34.4 / 28
Constant	28.02± 1.94
Mean	-0.01896± 0.05884
Sigma	1.022 ± 0.049

T4L4C3

T4L4C3_EneLonTkr	
Entries	378
Mean	-0.0719
RMS	1.073
χ^2 / ndf	26.88 / 26
Constant	28.14± 1.94
Mean	-0.04259± 0.05563
Sigma	1.002 ± 0.046

T4L4C4

T4L4C4_EneLonTkr	
Entries	388
Mean	-0.04453
RMS	1.087
χ^2 / ndf	17.29 / 28
Constant	28.81± 1.98
Mean	0.006299± 0.056258
Sigma	1.037 ± 0.050

T4L4C5

T4L4C5_EneLonTkr	
Entries	379
Mean	-0.09203
RMS	1.174
χ^2 / ndf	37.88 / 33
Constant	25.5 ± 1.8
Mean	-0.04972± 0.06077
Sigma	1.074 ± 0.049

T4L4C6

T4L4C6_EneLonTkr	
Entries	384
Mean	-0.04507
RMS	1.168
χ^2 / ndf	22.75 / 28
Constant	24.5 ± 1.6
Mean	-0.04133± 0.06775
Sigma	1.19 ± 0.05

T4L4C7

T4L4C7_EneLonTkr	
Entries	386
Mean	-0.05379
RMS	1.125
χ^2 / ndf	28.12 / 28
Constant	26.52± 1.78
Mean	-0.02552± 0.06050
Sigma	1.086 ± 0.047

T4L4C8

T4L4C8_EneLonTkr	
Entries	386
Mean	-0.0451
RMS	1.158
χ^2 / ndf	39.09 / 29
Constant	28.31± 2.15
Mean	0.0539± 0.0595
Sigma	0.9835± 0.0552

T4L4C9

T4L4C9_EneLonTkr	
Entries	378
Mean	-0.06434
RMS	1.207
χ^2 / ndf	31.26 / 32
Constant	24.48± 1.66
Mean	-0.006836 ± 0.062360
Sigma	1.134 ± 0.049

T4L4C10

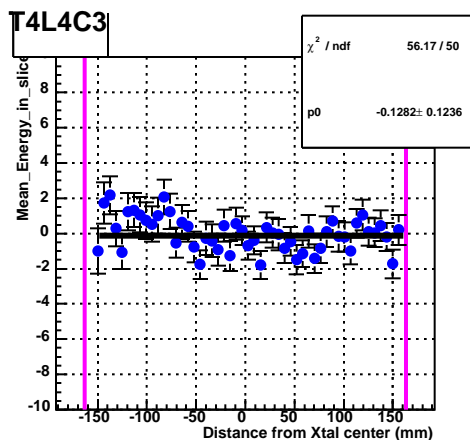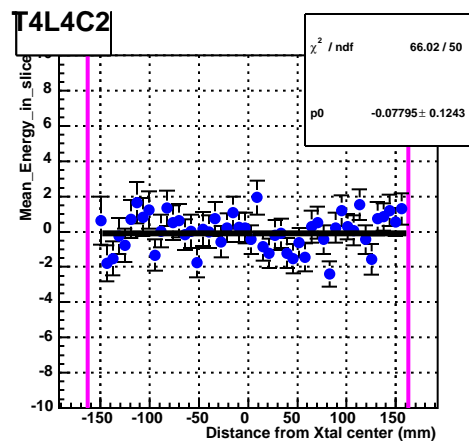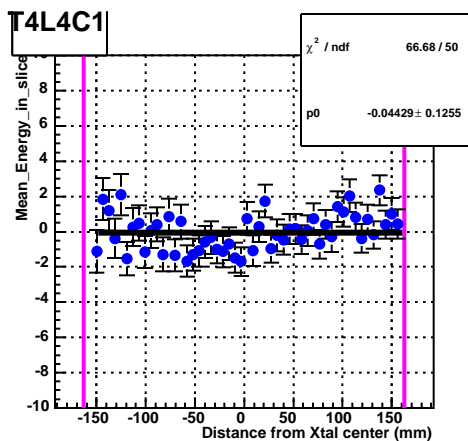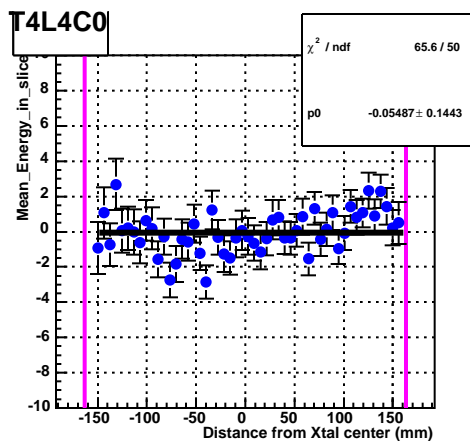| T4L4C10_EneLonTkr	
Entries	378
Mean	-0.06265
RMS	1.22
χ^2 / ndf	23.82 / 29
Constant	24.49± 1.68
Mean	0.01537± 0.06624
Sigma	1.167 ± 0.055

T4L4C11

T4L4C11_EneLonTkr	
Entries	359
Mean	-0.09158
RMS	1.085
χ^2 / ndf	30.81 / 29
Constant	27.46± 1.94
Mean	-0.0187± 0.0552
Sigma	0.9593± 0.0439