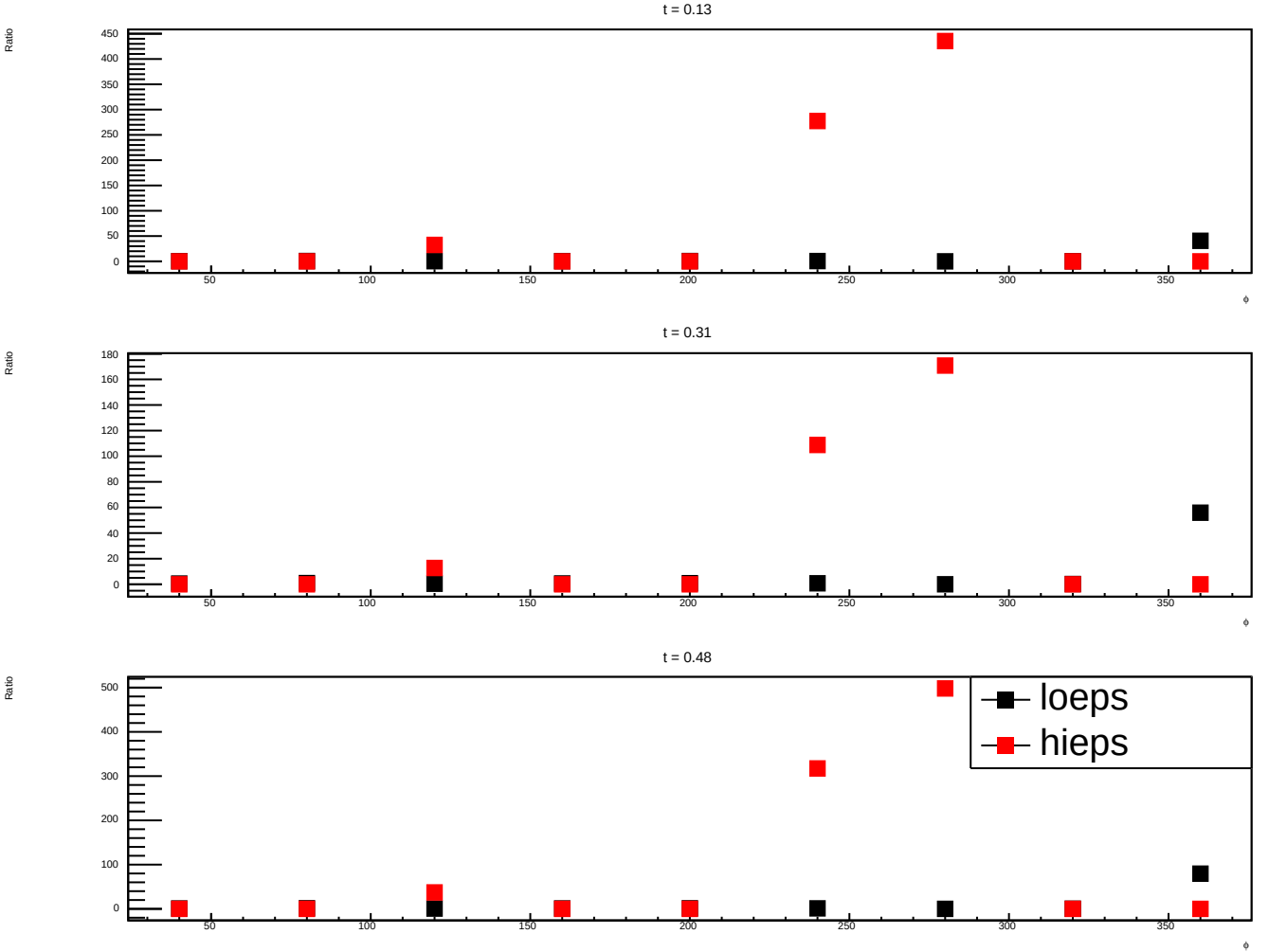
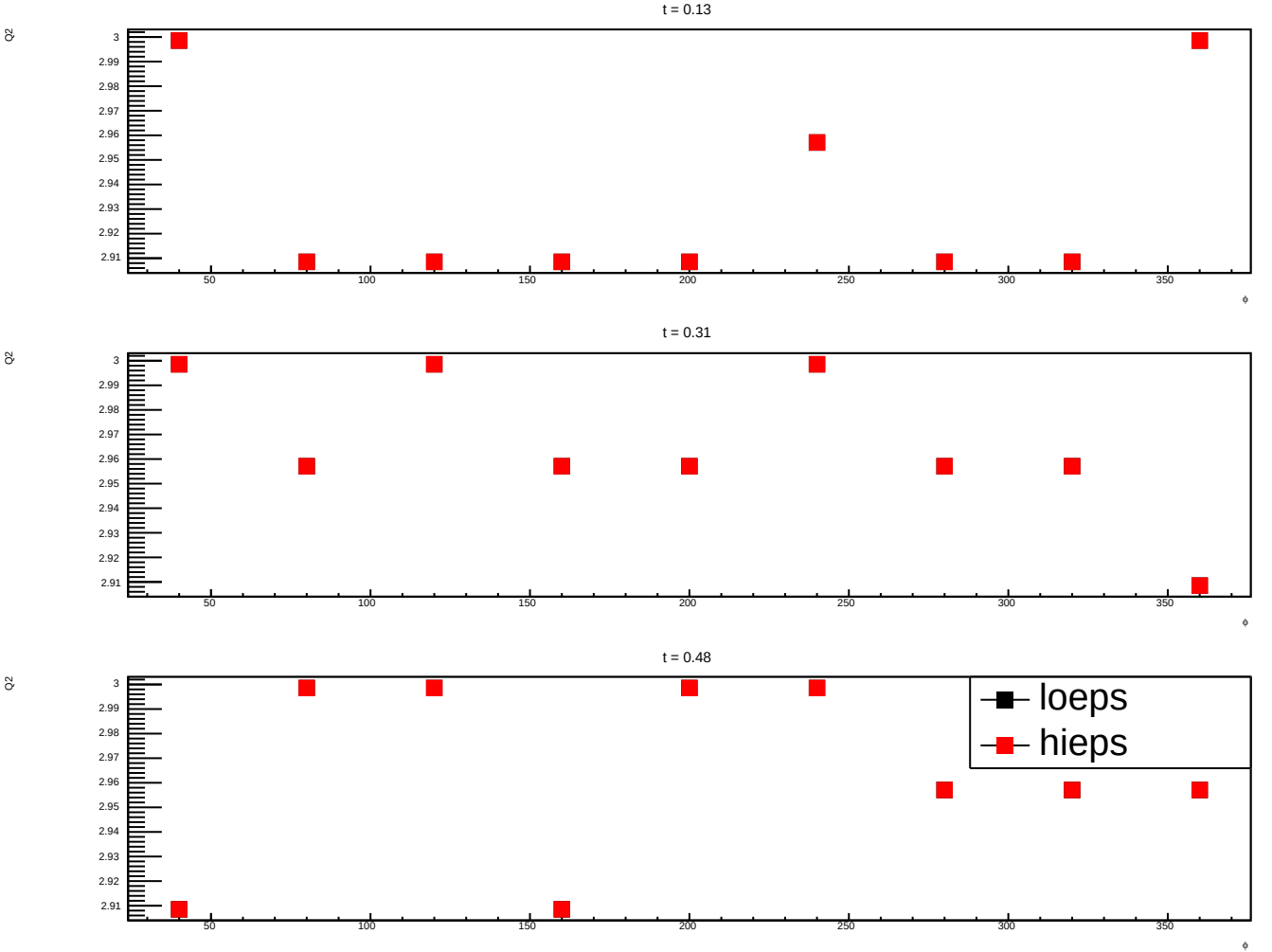
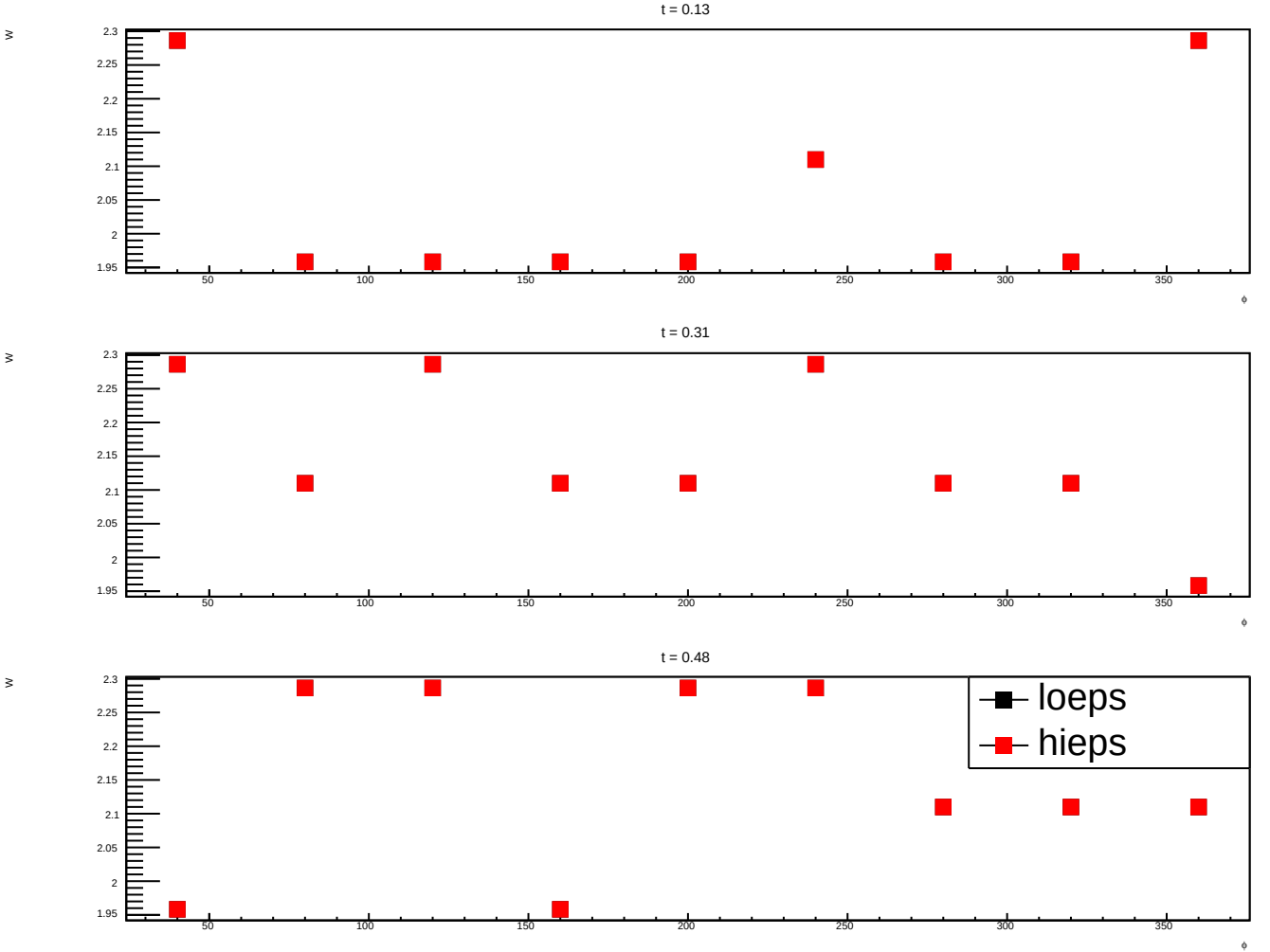
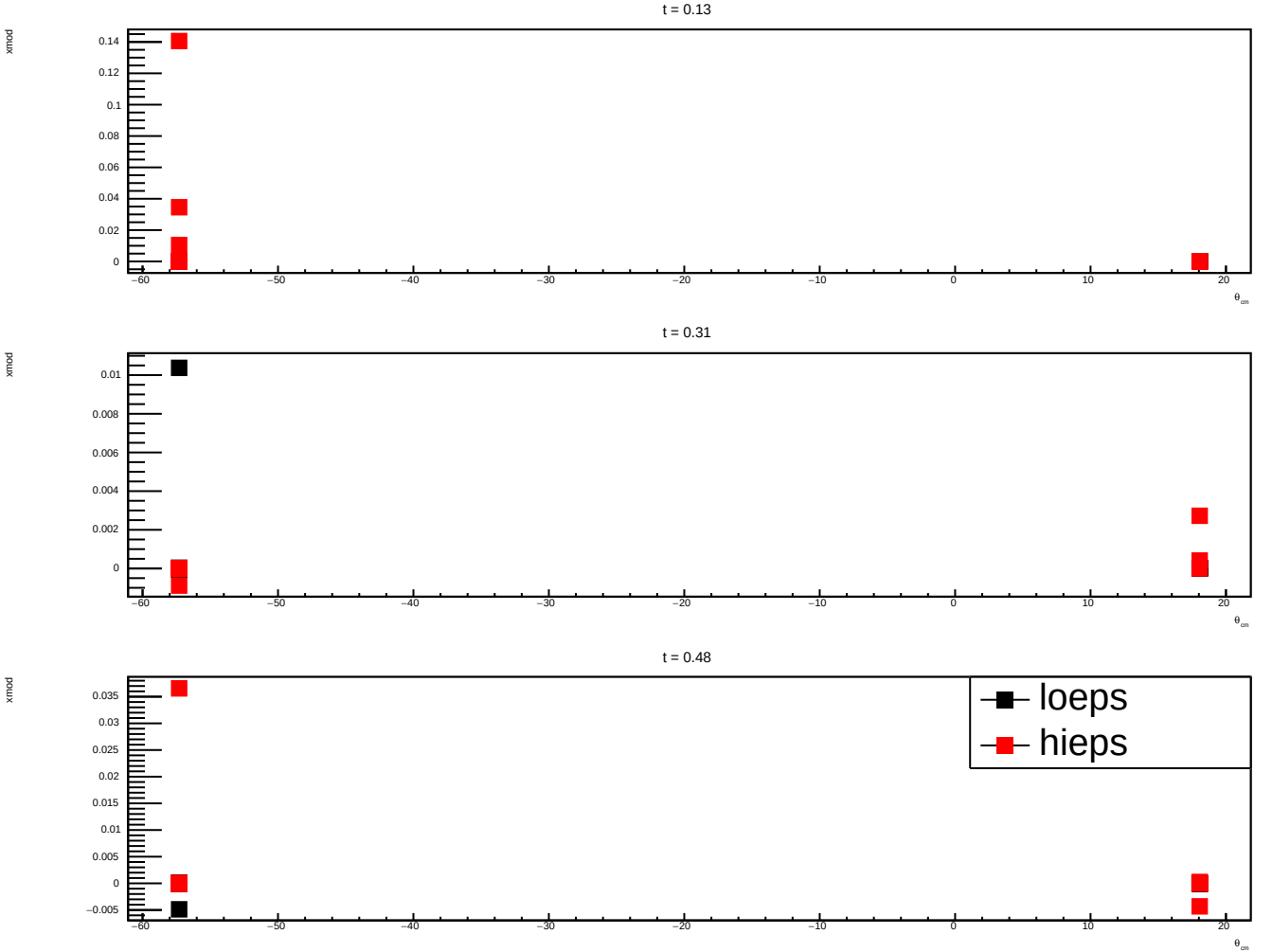
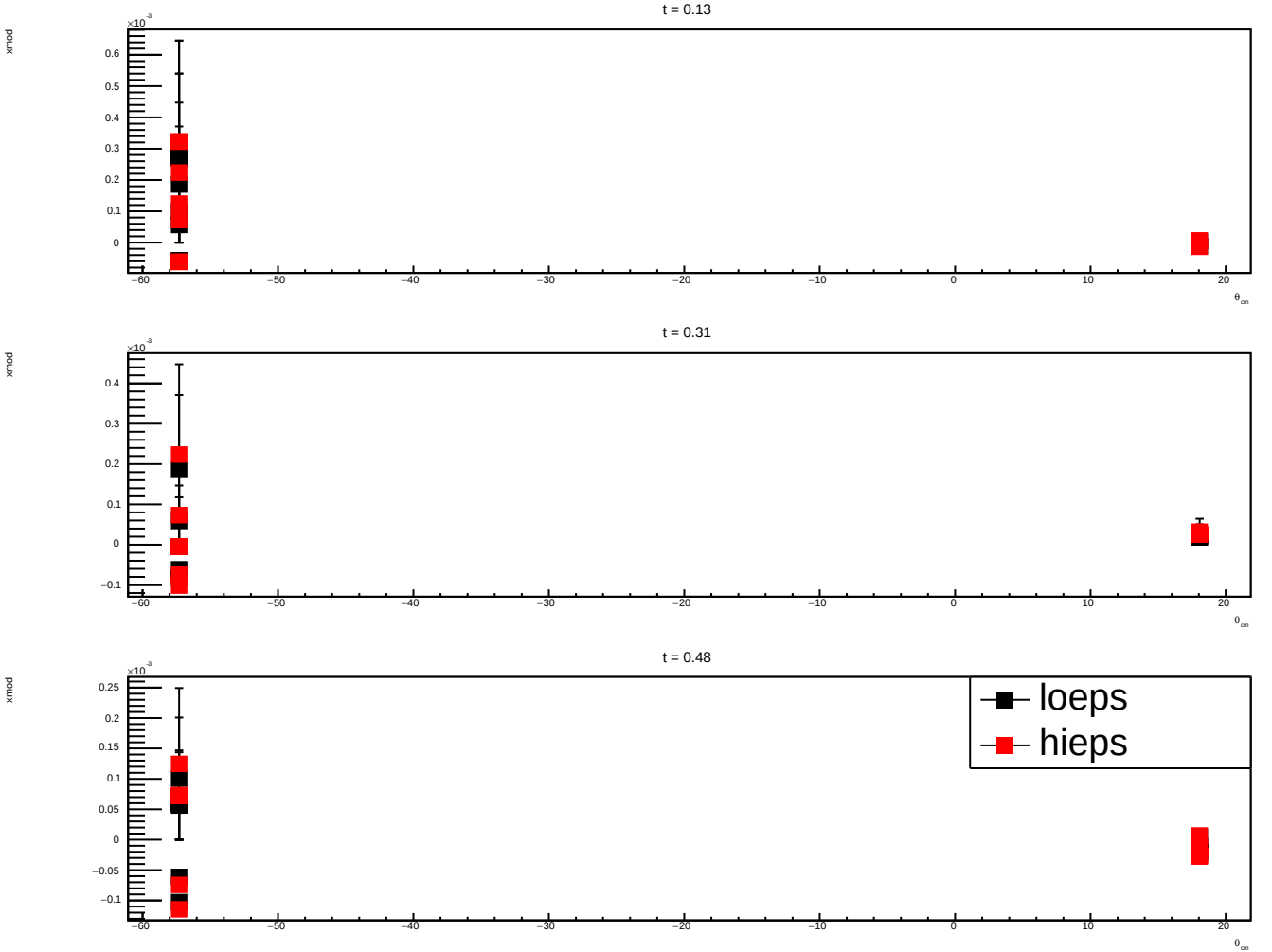
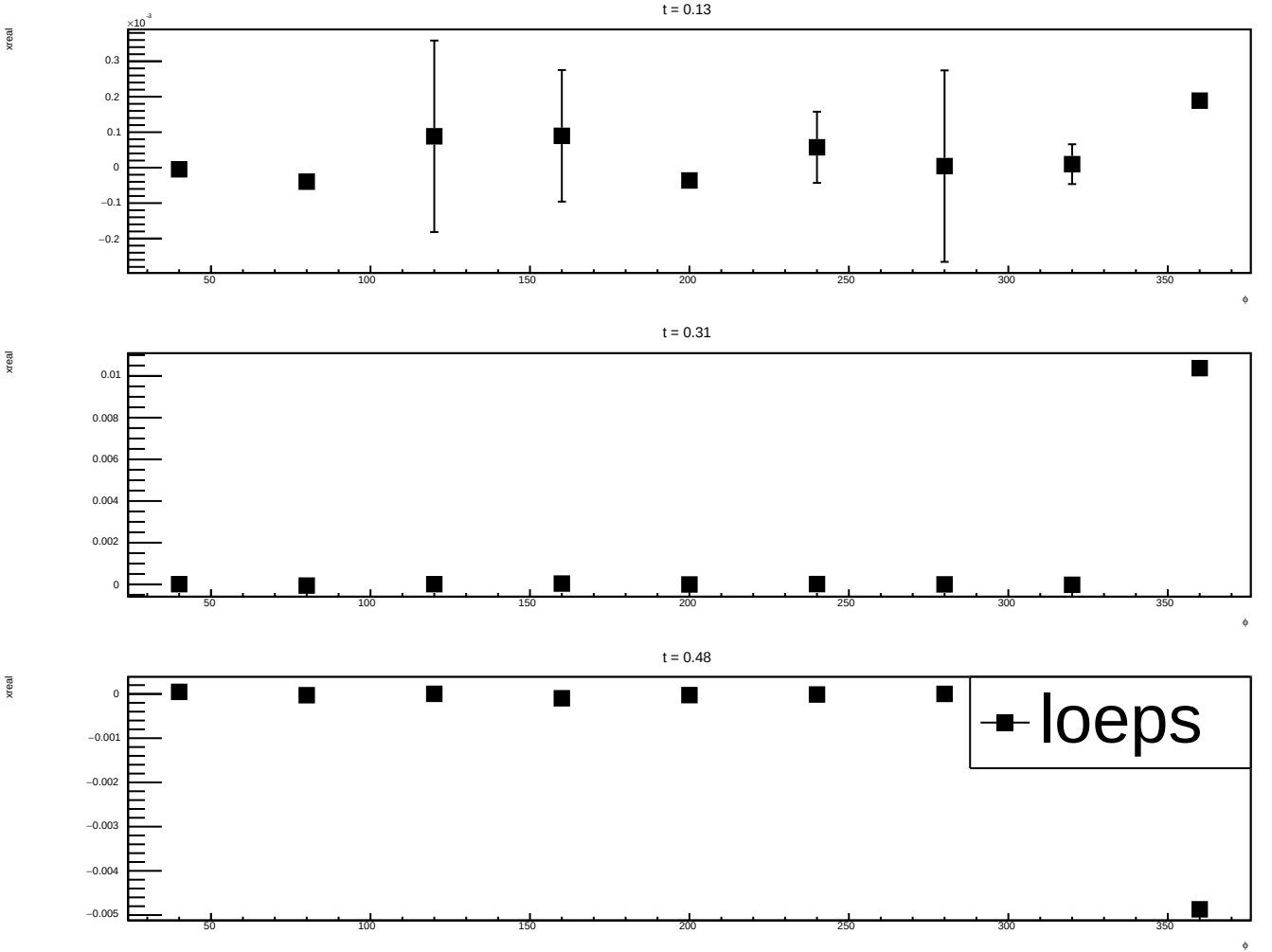

t = 0.13
Ratio
450
400
350
300
250
200
150
100
50
0
50
100
150
200
250
300
350
ϕ
t = 0.31
Ratio
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
ϕ
t = 0.48
Ratio
500
400
300
200
100
0
50
100
150
200
250
300
350
ϕ
loeps
hieps

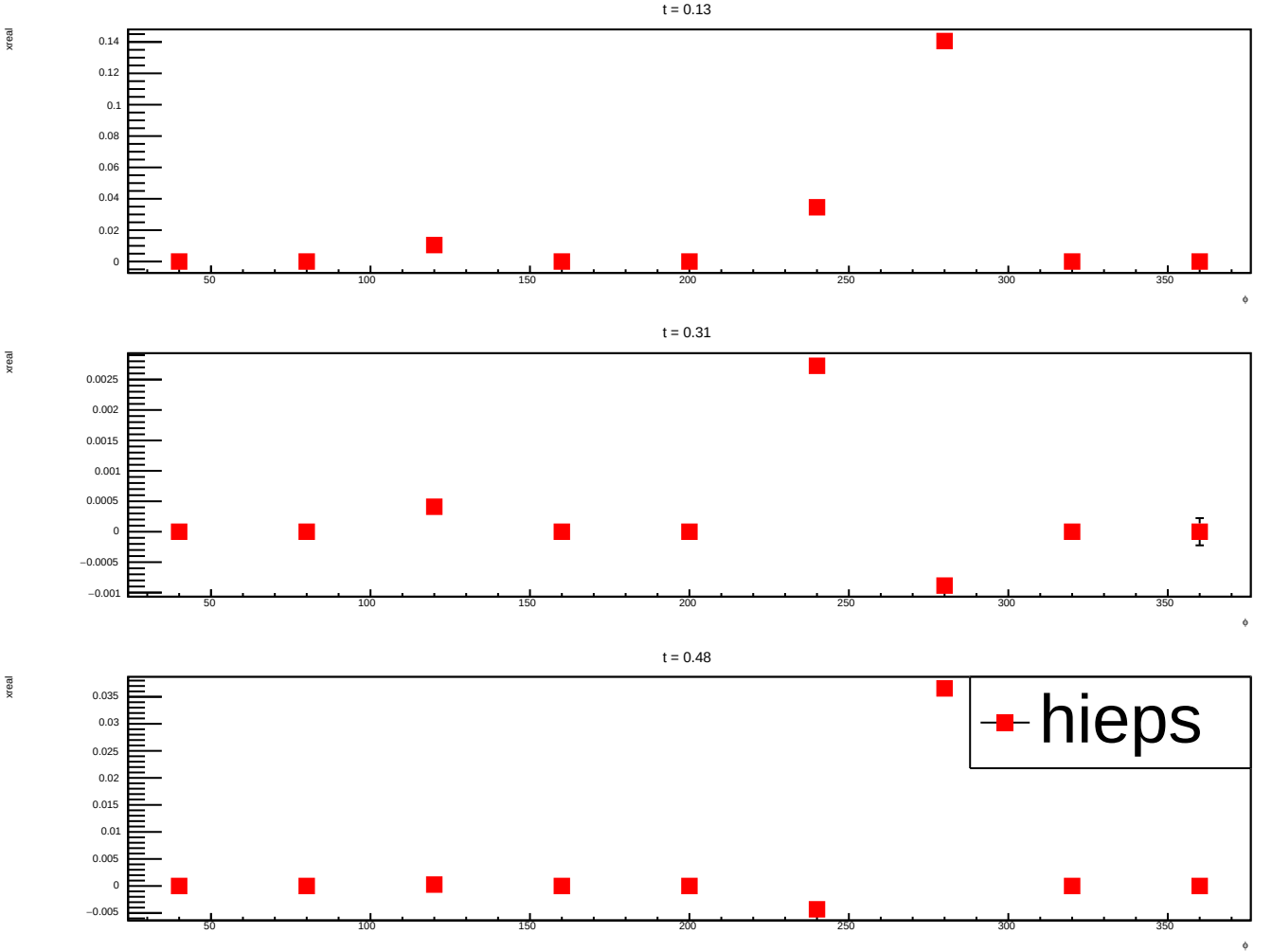

t = 0.13
t = 0.31
t = 0.48
Q2
3
2.99
2.98
2.97
2.96
2.95
2.94
2.93
2.92
2.91
50
100
150
200
250
300
350
ϕ
loeps
hieps

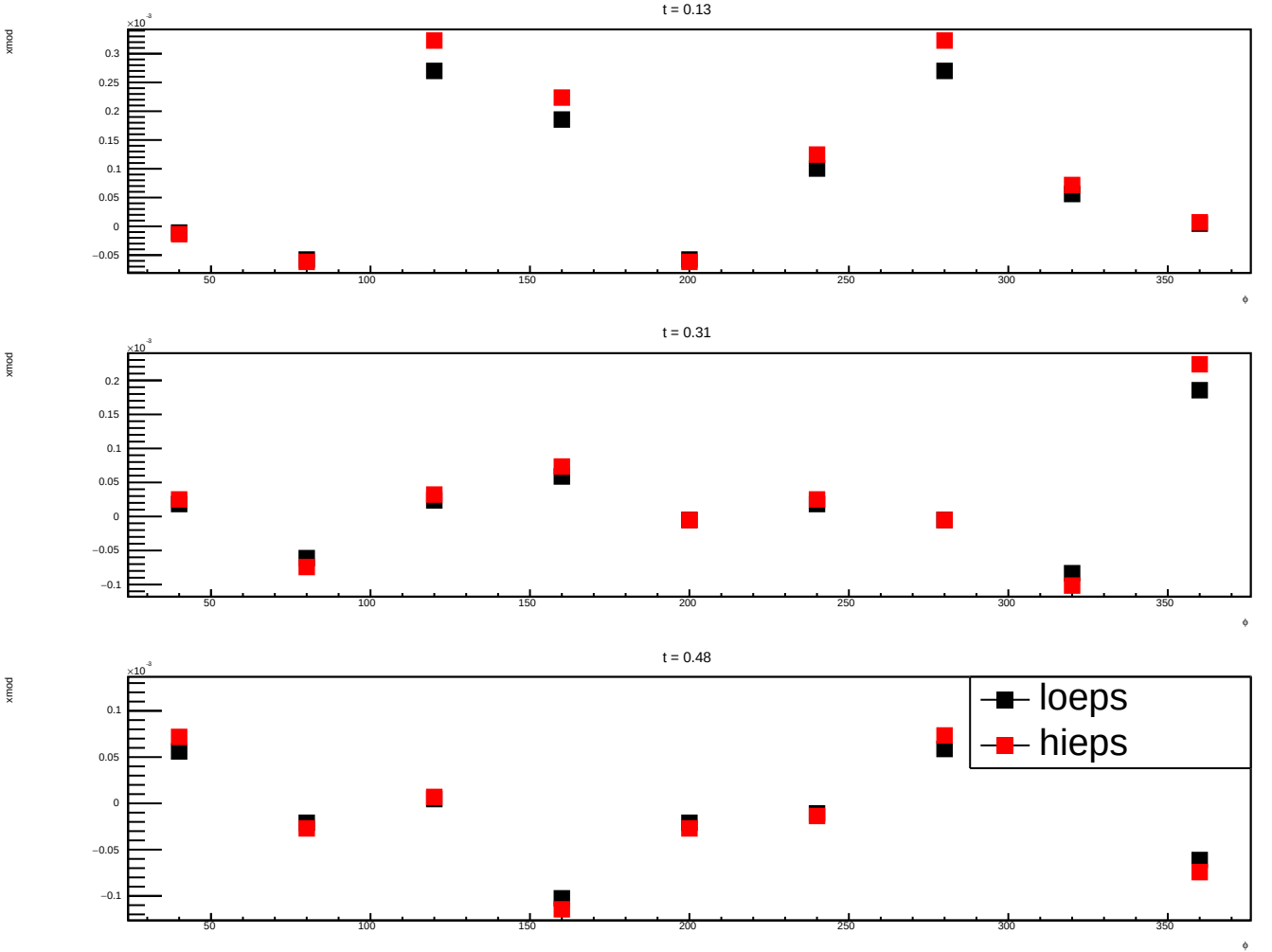

t = 0.13
t = 0.31
t = 0.48
w
ϕ
2.3
2.25
2.2
2.15
2.1
2.05
2
1.95
50
100
150
200
250
300
350
loeps
hieps

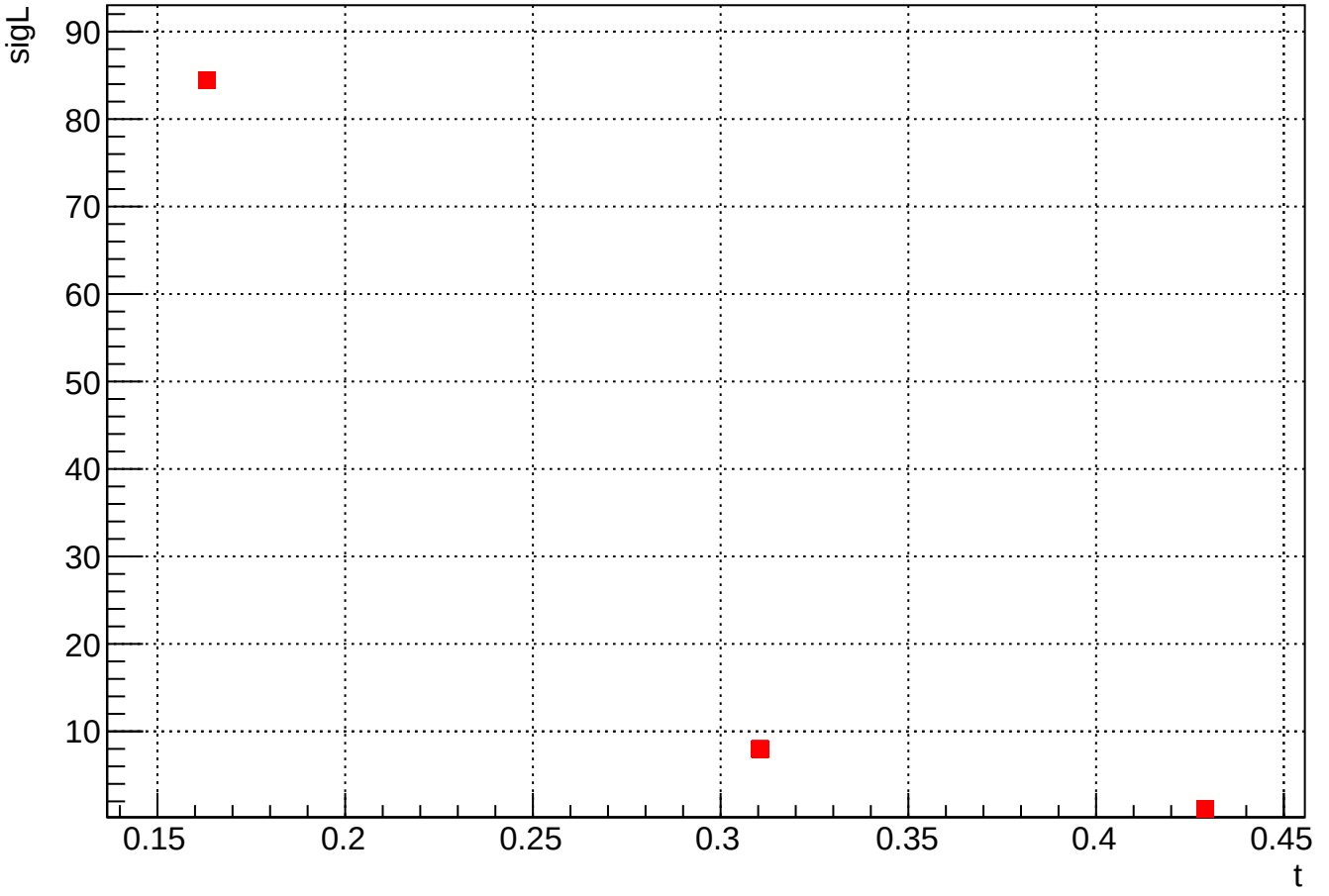

t = 0.13
xmod
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
−60
−50
−40
−30
−20
−10
0
10
20
θcm
t = 0.31
xmod
0.01
0.008
0.006
0.004
0.002
0
−60
−50
−40
−30
−20
−10
0
10
20
θcm
t = 0.48
xmod
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
−0.005
−60
−50
−40
−30
−20
−10
0
10
20
θcm
loeps
hieps

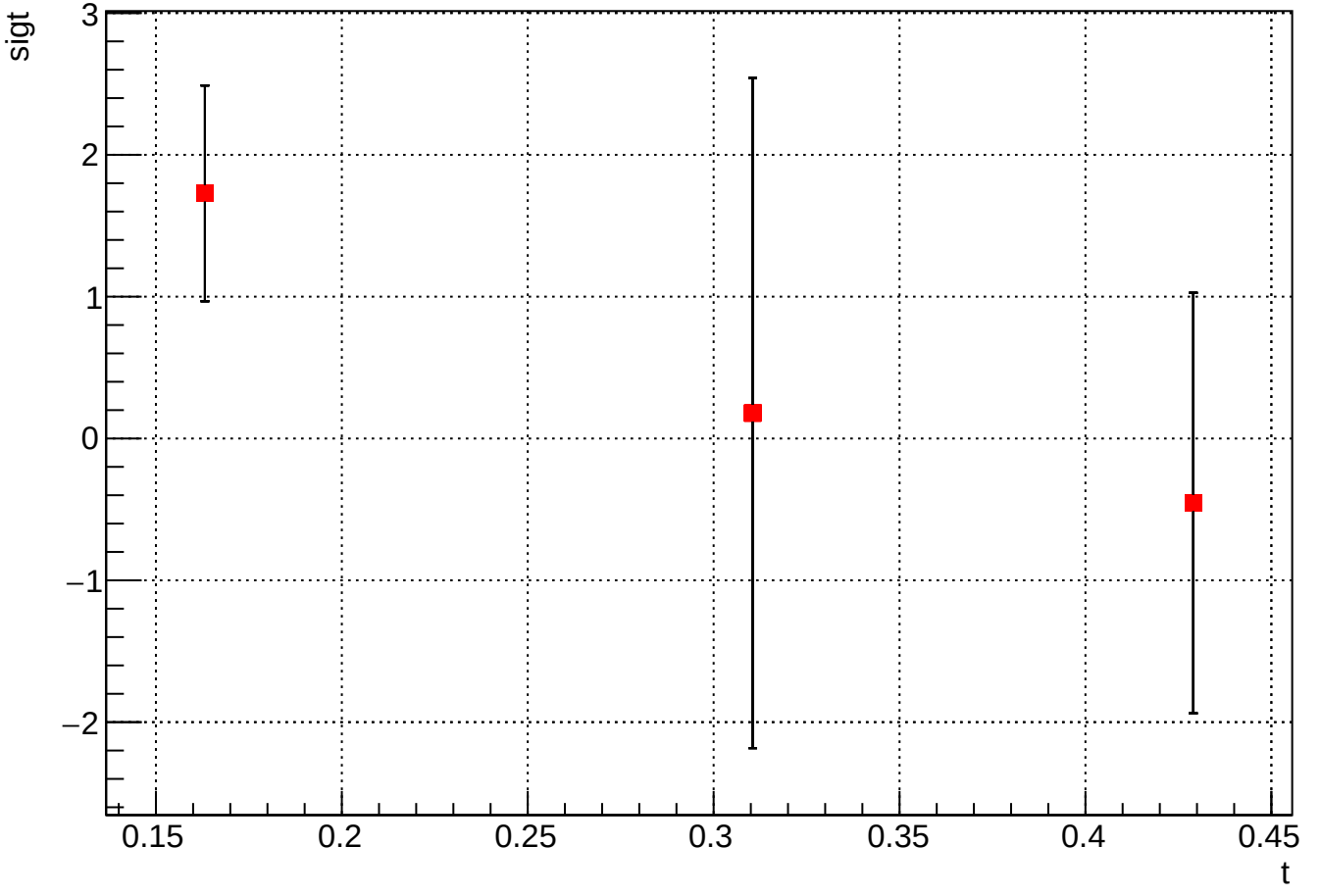

t = 0.13
xmod
×10⁻³
0.6
0.5
0.4
0.3
0.2
0.1
0
−60
−50
−40
−30
−20
−10
0
10
20
θcm
t = 0.31
xmod
×10⁻³
0.4
0.3
0.2
0.1
0
−0.1
−60
−50
−40
−30
−20
−10
0
10
20
θcm
t = 0.48
xmod
×10⁻³
0.25
0.2
0.15
0.1
0.05
0
−0.05
−0.1
−60
−50
−40
−30
−20
−10
0
10
20
θcm
loeps
hieps

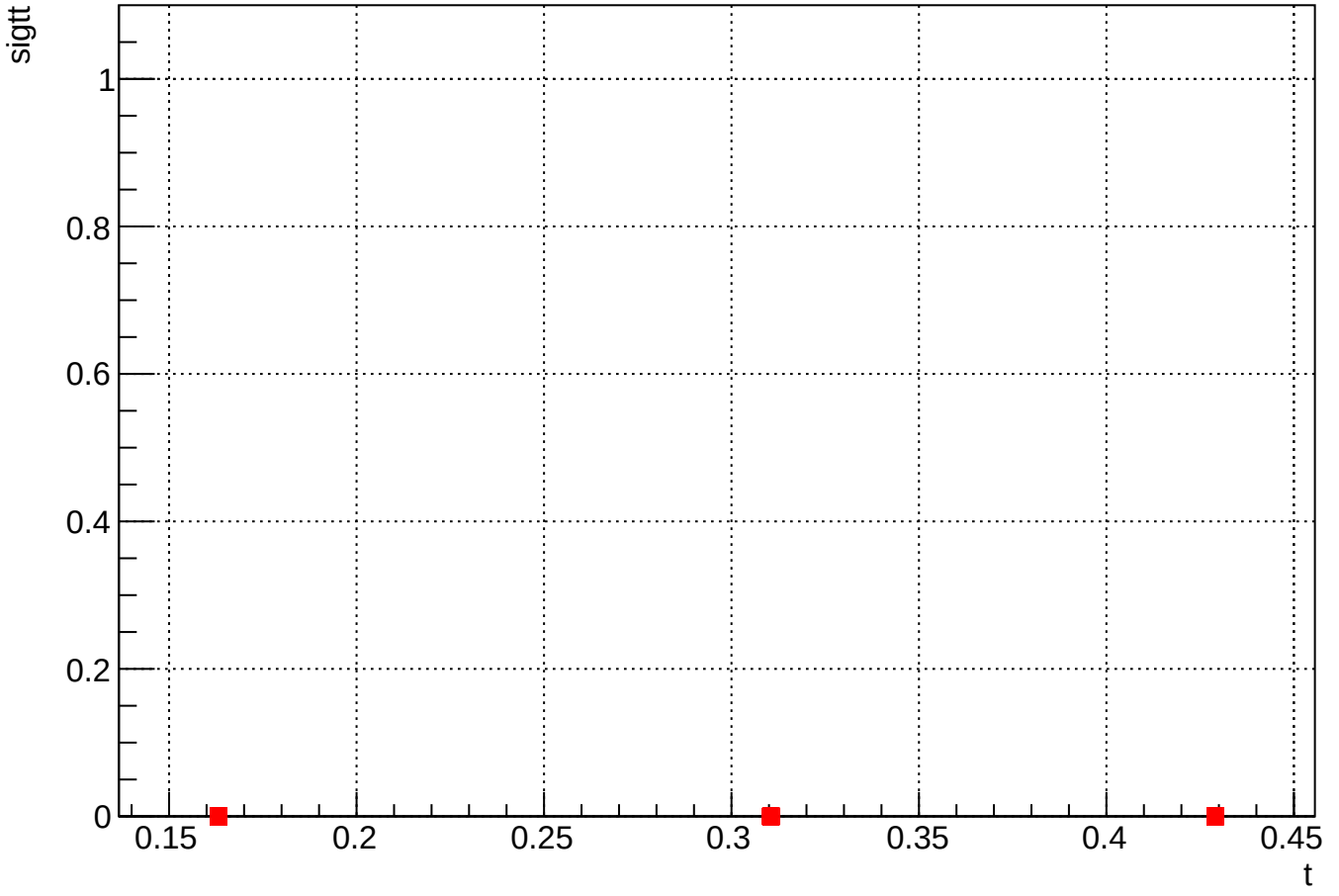

t = 0.13
xreal
×10⁻³
0.3
0.2
0.1
0
−0.1
−0.2
50
100
150
200
250
300
350
ϕ
t = 0.31
xreal
0.01
0.008
0.006
0.004
0.002
0
50
100
150
200
250
300
350
ϕ
t = 0.48
xreal
0
−0.001
−0.002
−0.003
−0.004
−0.005
50
100
150
200
250
300
350
ϕ
loeps

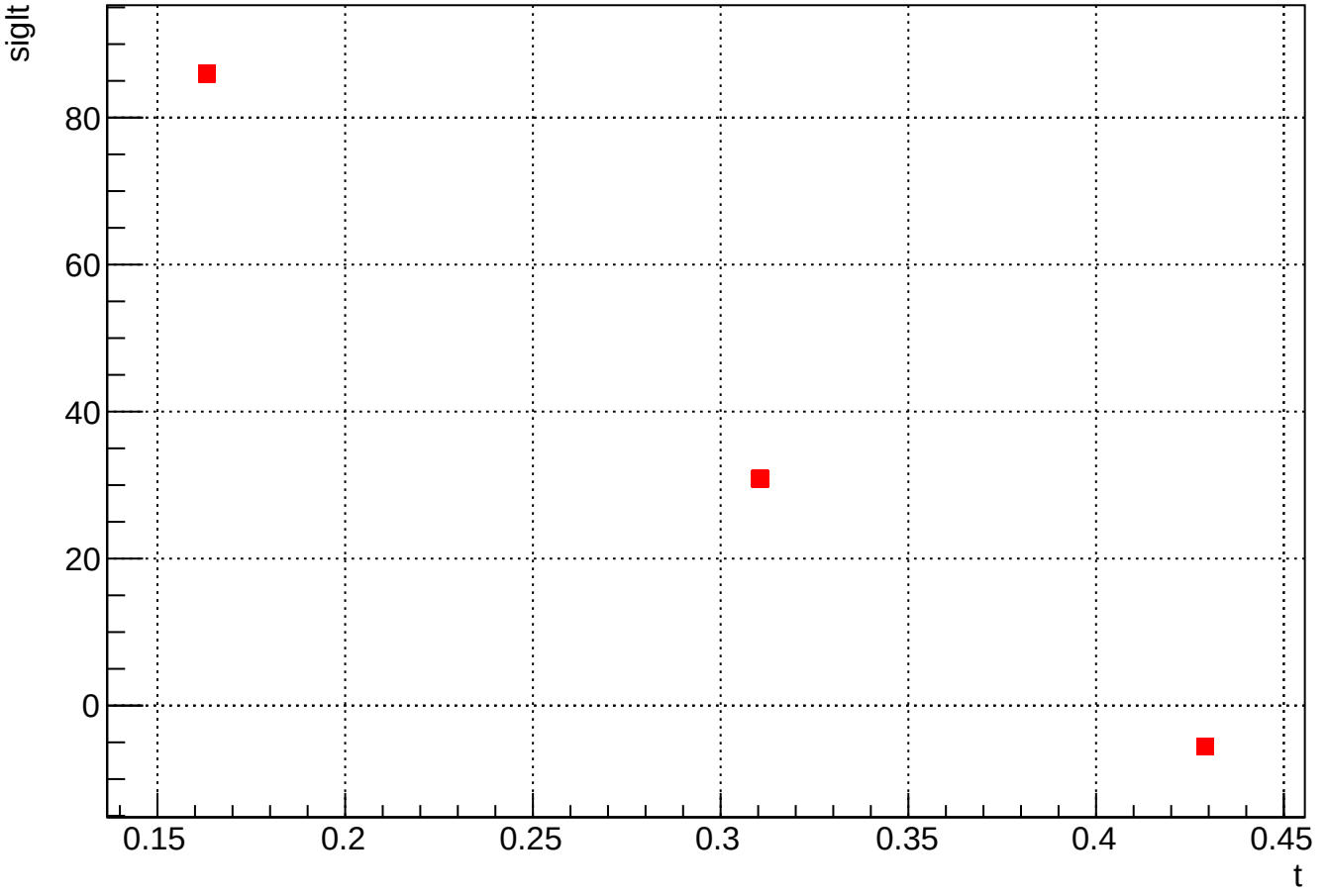

t = 0.13
xreal
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
50
100
150
200
250
300
350
ϕ
t = 0.31
xreal
0.0025
0.002
0.0015
0.001
0.0005
0
−0.0005
−0.001
50
100
150
200
250
300
350
ϕ
t = 0.48
xreal
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
−0.005
50
100
150
200
250
300
350
ϕ
hieps


t = 0.13
xmod
×10⁻³
0.3
0.25
0.2
0.15
0.1
0.05
0
−0.05
50
100
150
200
250
300
350
ϕ
t = 0.31
xmod
×10⁻³
0.2
0.15
0.1
0.05
0
−0.05
−0.1
50
100
150
200
250
300
350
ϕ
t = 0.48
xmod
×10⁻³
0.1
0.05
0
−0.05
−0.1
50
100
150
200
250
300
350
ϕ
loeps
hieps


sigL
90
80
70
60
50
40
30
20
10
0.15
0.2
0.25
0.3
0.35
0.4
0.45
t


sigt
3
2
1
0
−1
−2
0.15
0.2
0.25
0.3
0.35
0.4
0.45
t


sigtt
1
0.8
0.6
0.4
0.2
0
0.15
0.2
0.25
0.3
0.35
0.4
0.45
t


sigIt
80
60
40
20
0
0.15
0.2
0.25
0.3
0.35
0.4
0.45
t