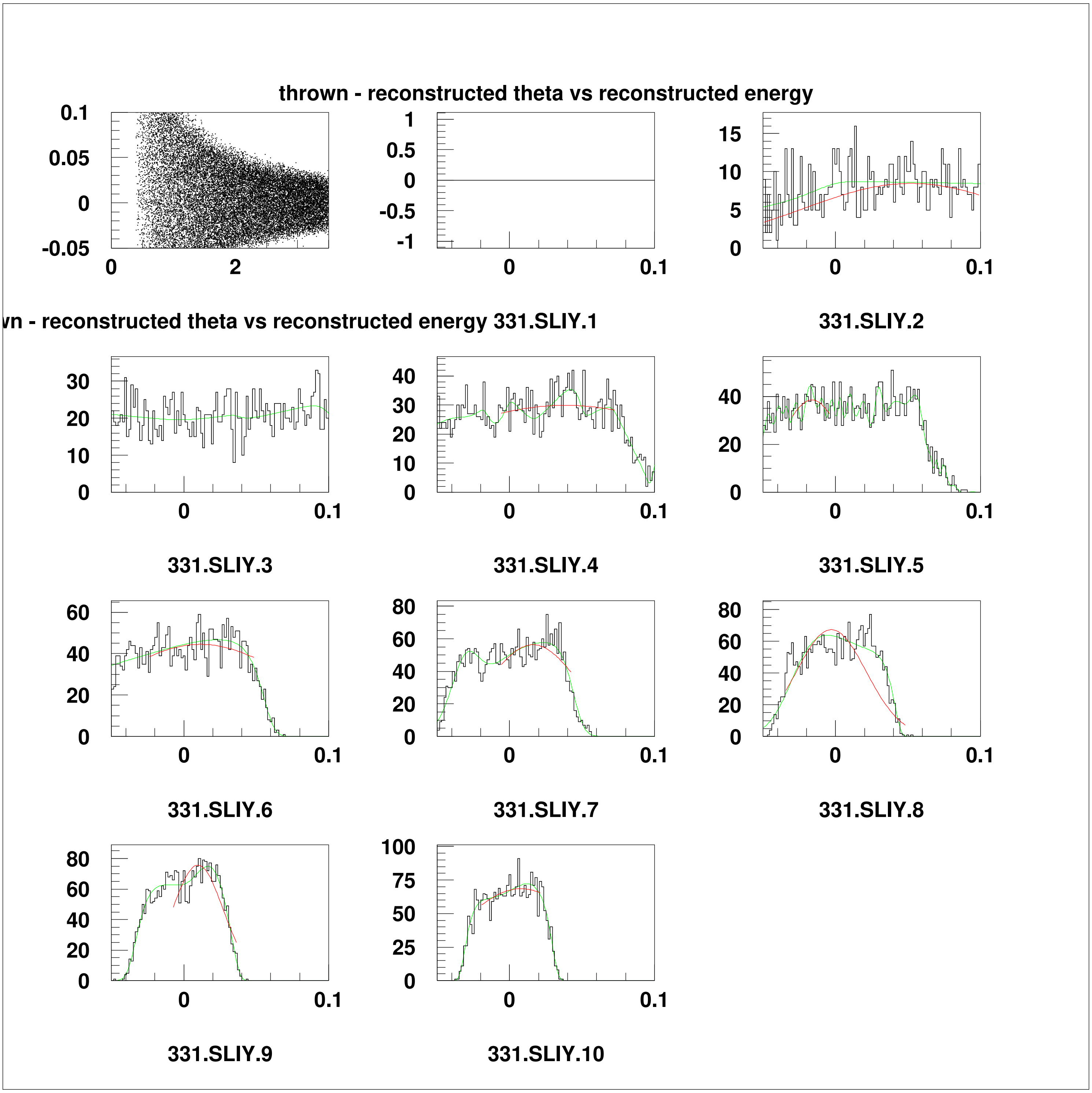


thrown - reconstructed theta vs reconstructed energy

wn - reconstructed theta vs reconstructed energy 331.SLIY.1

331.SLIY.2

331.SLIY.3

331.SLIY.4

331.SLIY.5

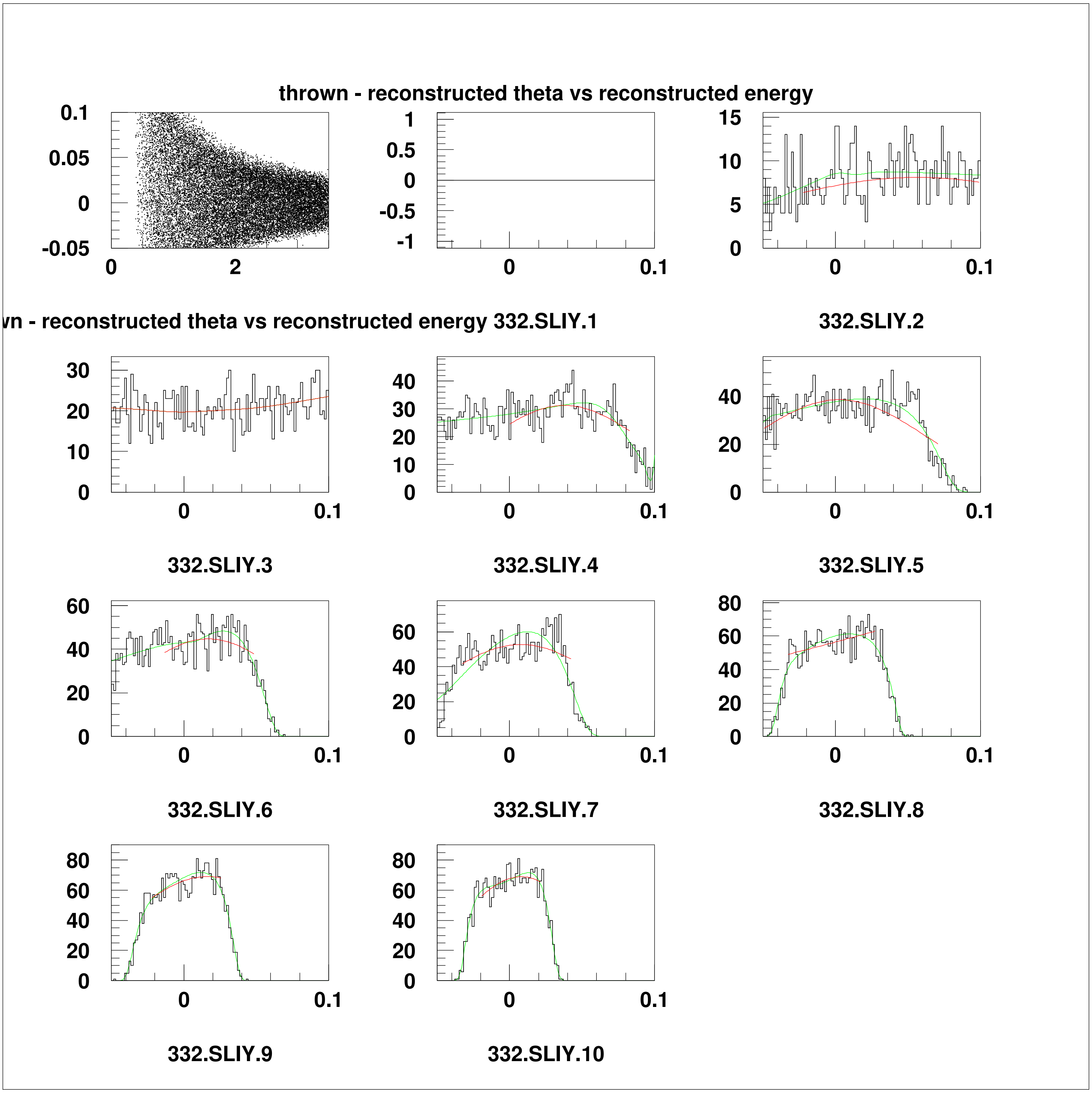
331.SLIY.6

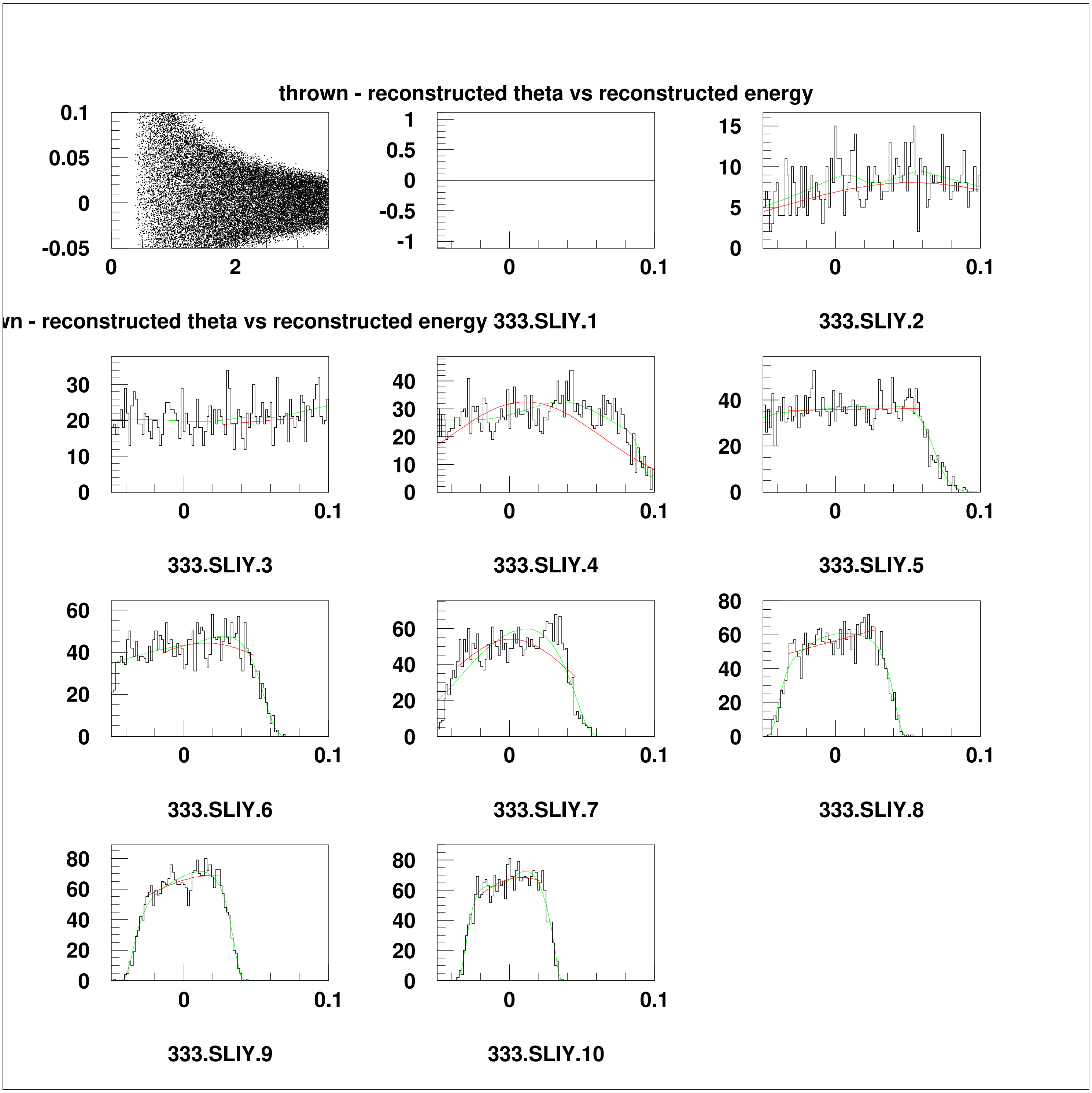
331.SLIY.7

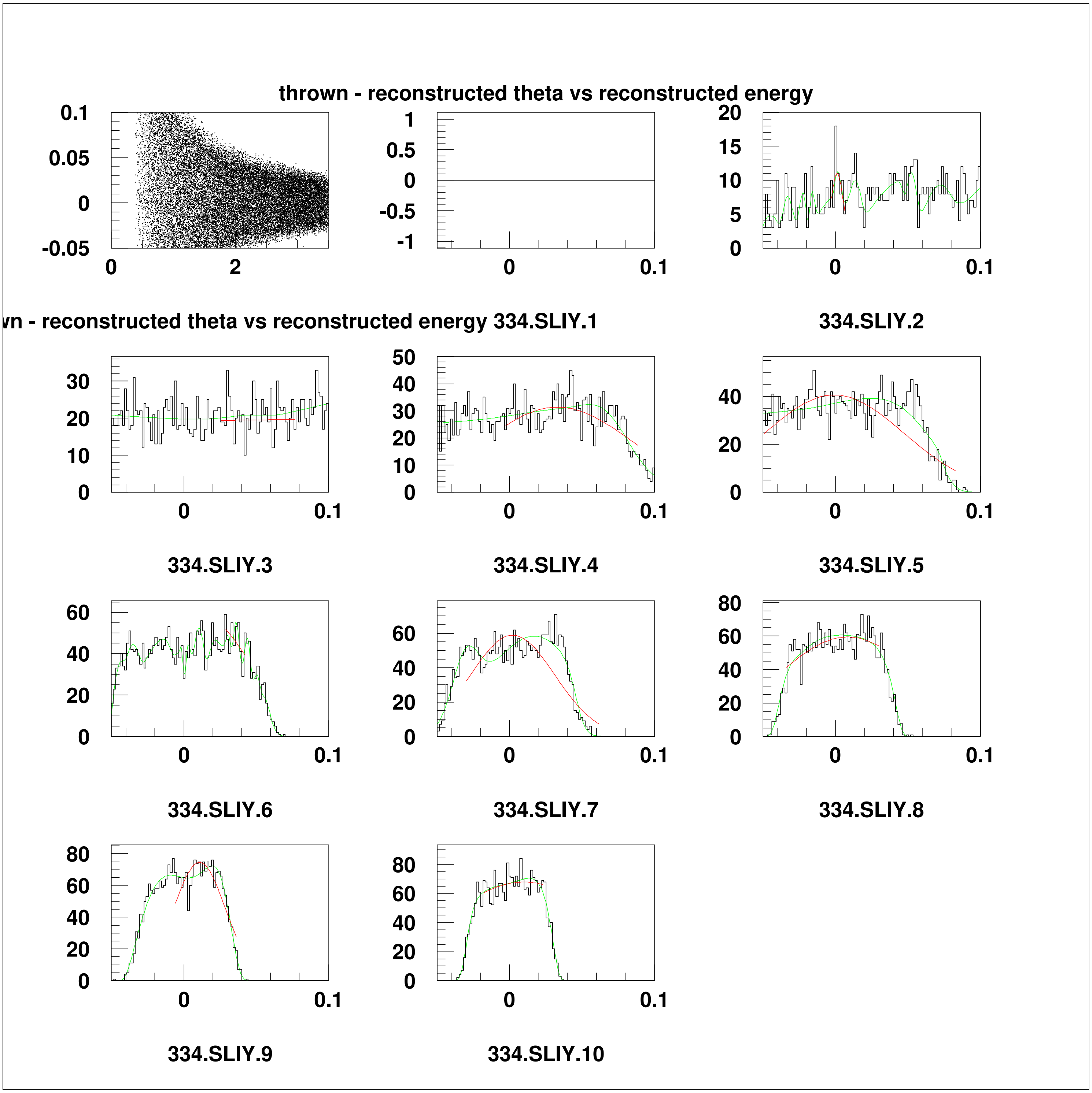
331.SLIY.8

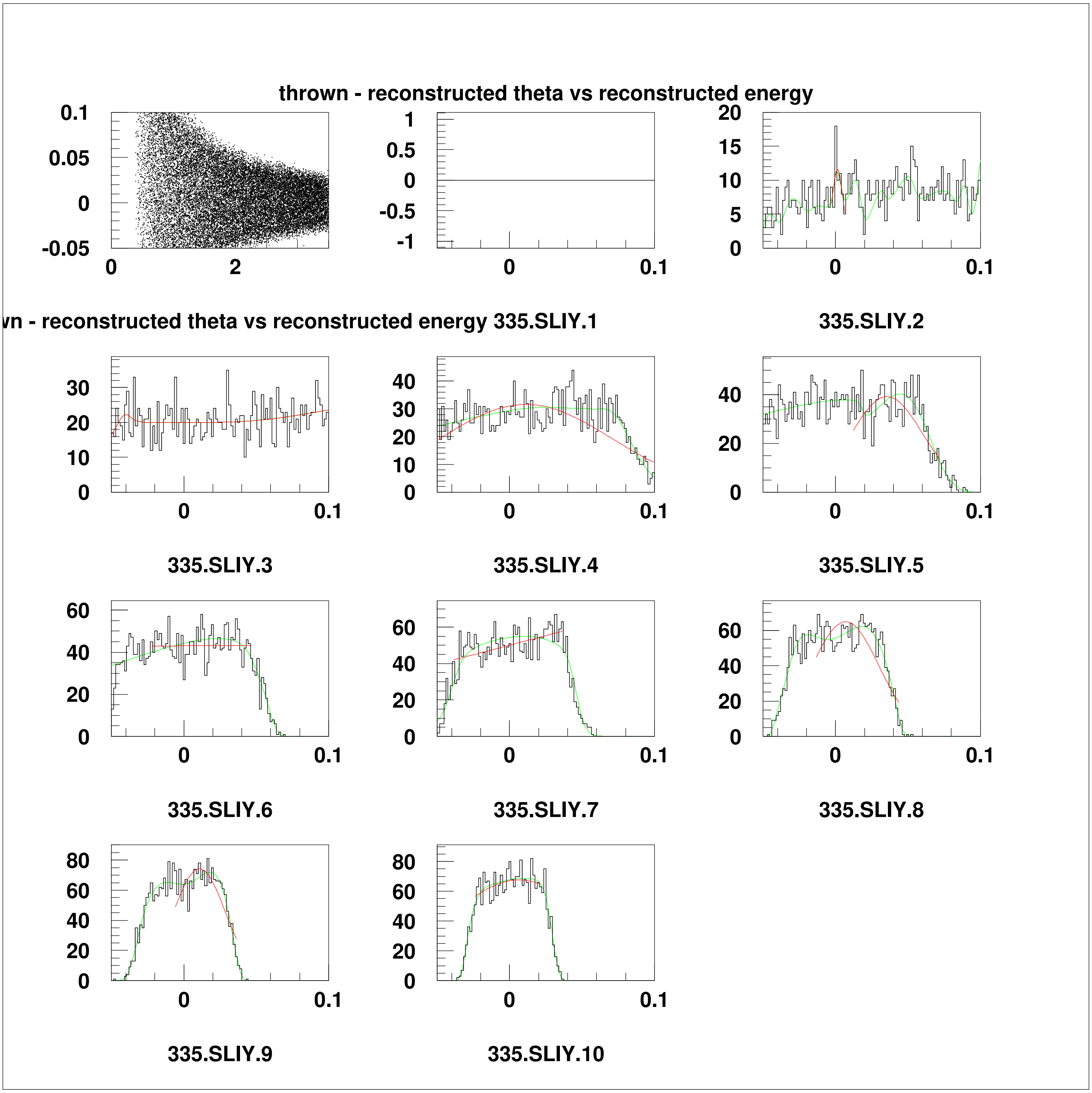
331.SLIY.9

331.SLIY.10


thrown - reconstructed theta vs reconstructed energy
0.1
0.05
0
-0.05
0
2
1
0.5
0
-0.5
-1
0
0.1
15
10
5
0
0
0.1
wn - reconstructed theta vs reconstructed energy 332.SLIY.1
332.SLIY.2
30
20
10
0
0
0.1
40
30
20
10
0
0
0.1
40
20
0
0
0.1
332.SLIY.3
332.SLIY.4
332.SLIY.5
60
40
20
0
0
0.1
60
40
20
0
0
0.1
80
60
40
20
0
0
0.1
332.SLIY.6
332.SLIY.7
332.SLIY.8
80
60
40
20
0
0
0.1
80
60
40
20
0
0
0.1
332.SLIY.9
332.SLIY.10


thrown - reconstructed theta vs reconstructed energy
0.1
0.05
0
-0.05
0
2
1
0.5
0
-0.5
-1
0
0.1
15
10
5
0
0
0.1
wn - reconstructed theta vs reconstructed energy 333.SLIY.1
333.SLIY.2
30
20
10
0
0
0.1
40
30
20
10
0
0
0.1
40
20
0
0
0.1
333.SLIY.3
333.SLIY.4
333.SLIY.5
60
40
20
0
0
0.1
60
40
20
0
0
0.1
80
60
40
20
0
0
0.1
333.SLIY.6
333.SLIY.7
333.SLIY.8
80
60
40
20
0
0
0.1
80
60
40
20
0
0
0.1
333.SLIY.9
333.SLIY.10


thrown - reconstructed theta vs reconstructed energy
0.1
0.05
0
-0.05
0
2
1
0.5
0
-0.5
-1
0
0.1
20
15
10
5
0
0
0.1
wn - reconstructed theta vs reconstructed energy 334.SLIY.1
334.SLIY.2
30
20
10
0
0
0.1
50
40
30
20
10
0
0
0.1
40
20
0
0
0.1
334.SLIY.3
334.SLIY.4
334.SLIY.5
60
40
20
0
0
0.1
60
40
20
0
0
0.1
80
60
40
20
0
0
0.1
334.SLIY.6
334.SLIY.7
334.SLIY.8
80
60
40
20
0
0
0.1
80
60
40
20
0
0
0.1
334.SLIY.9
334.SLIY.10


thrown - reconstructed theta vs reconstructed energy
0.1
0.05
0
-0.05
0
2
1
0.5
0
-0.5
-1
0
0.1
20
15
10
5
0
0
0.1
wn - reconstructed theta vs reconstructed energy 335.SLIY.1
335.SLIY.2
30
20
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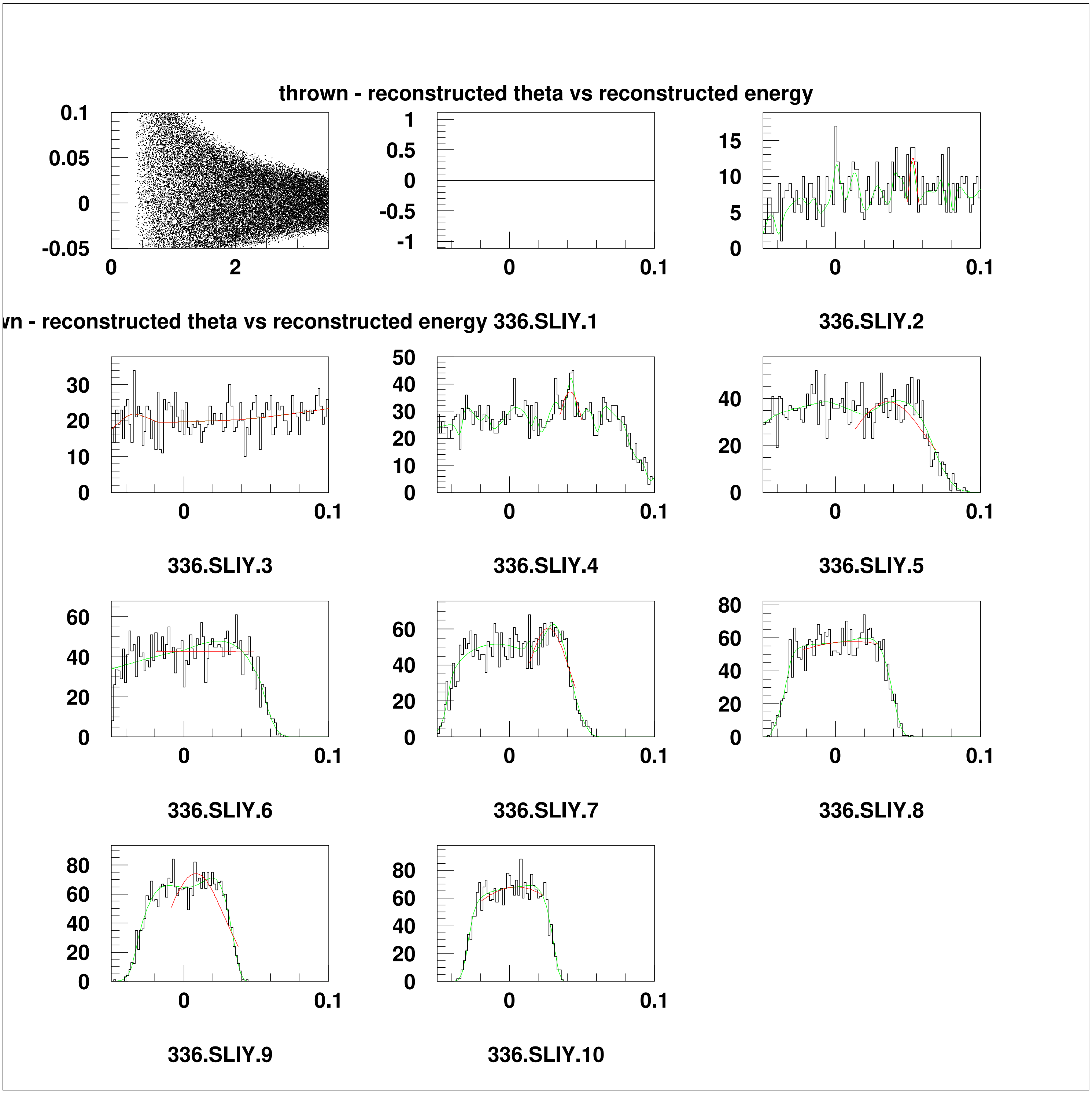
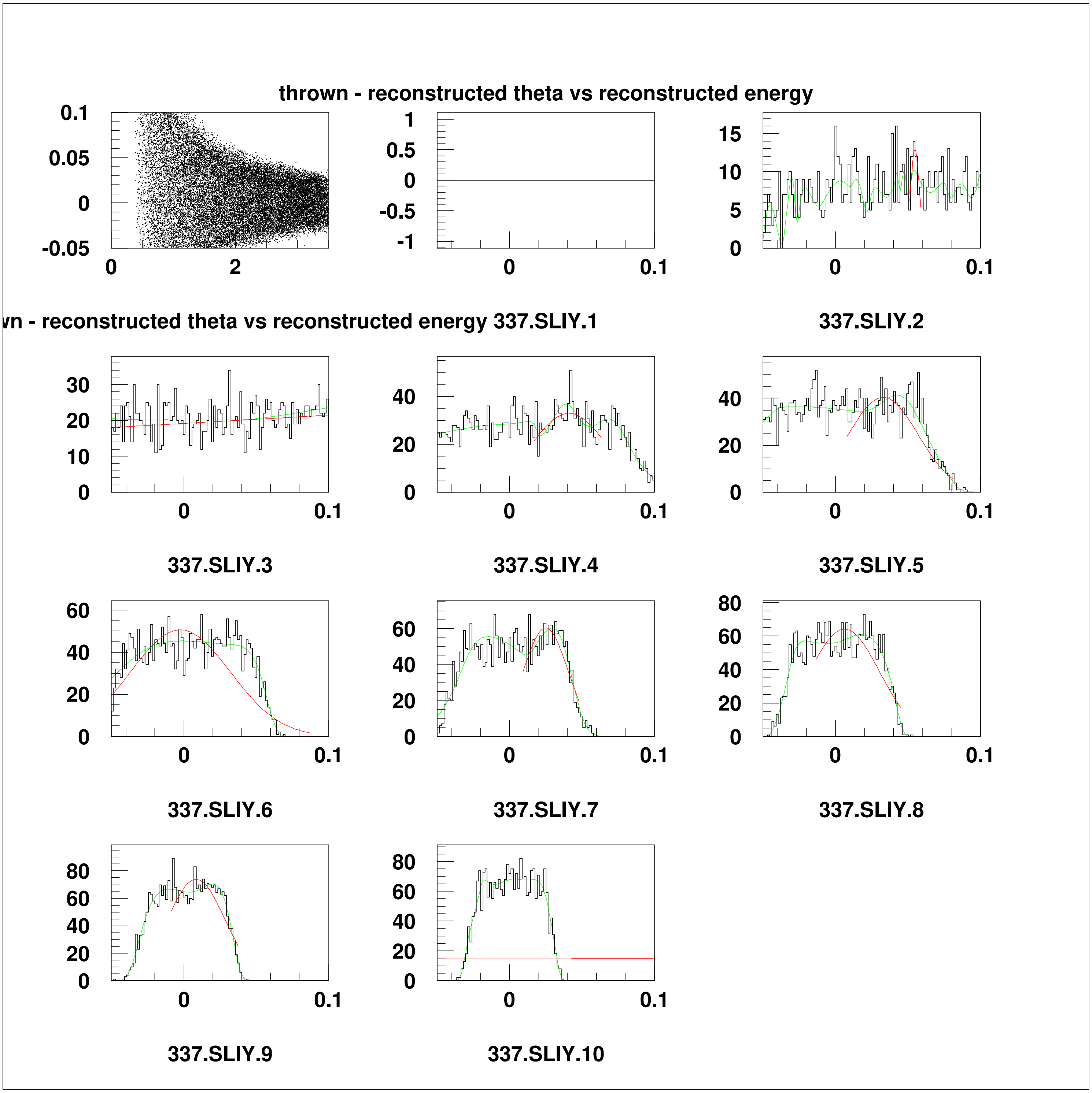
0
0
0.1
40
30
20
10
0
0
0.1
40
20
0
0
0.1
335.SLIY.3
335.SLIY.4
335.SLIY.5
60
40
20
0
0
0.1
60
40
20
0
0
0.1
60
40
20
0
0
0.1
335.SLIY.6
335.SLIY.7
335.SLIY.8
80
60
40
20
0
0
0.1
80
60
40
20
0
0
0.1
335.SLIY.9
335.SLIY.10


thrown - reconstructed theta vs reconstructed energy
0.1
0.05
0
-0.05
0
2
wn - reconstructed theta vs reconstructed energy
1
0.5
0
-0.5
-1
0
0.1
336.SLIY.1
15
10
5
0
0
0.1
336.SLIY.2
30
20
10
0
0
0.1
336.SLIY.3
50
40
30
20
10
0
0
0.1
336.SLIY.4
40
20
0
0
0.1
336.SLIY.5
60
40
20
0
0
0.1
336.SLIY.6
60
40
20
0
0
0.1
336.SLIY.7
80
60
40
20
0
0
0.1
336.SLIY.8
80
60
40
20
0
0
0.1
336.SLIY.9
80
60
40
20
0
0
0.1
336.SLIY.10


thrown - reconstructed theta vs reconstructed energy
0.1
0.05
0
-0.05
0
2
1
0.5
0
-0.5
-1
0
0.1
15
10
5
0
0
0.1
wn - reconstructed theta vs reconstructed energy 337.SLIY.1
337.SLIY.2
30
20
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0
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337.SLIY.3
337.SLIY.4
337.SLIY.5
60
40
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0.1
60
40
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0.1
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60
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337.SLIY.6
337.SLIY.7
337.SLIY.8
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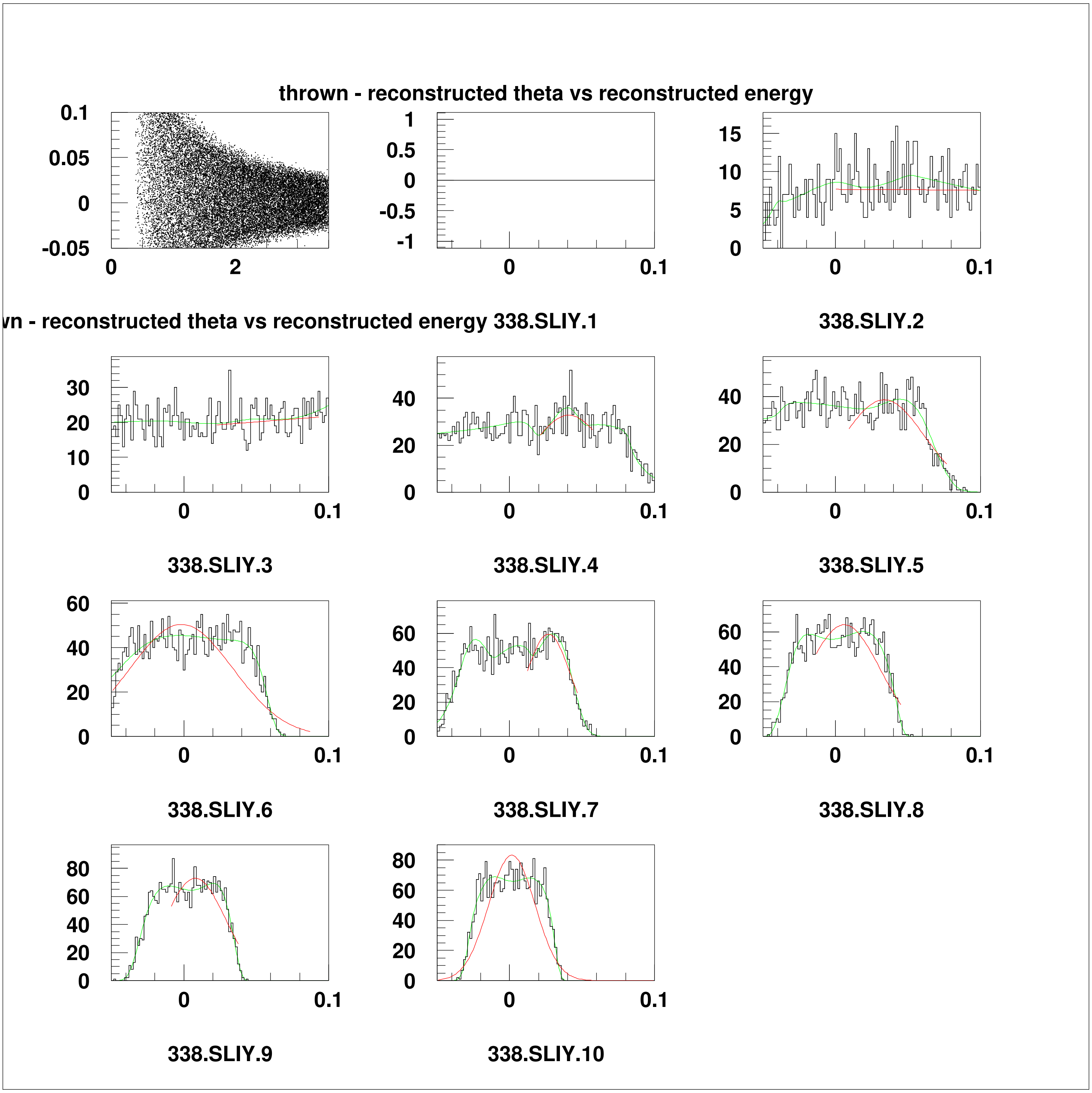
337.SLIY.9
337.SLIY.10


thrown - reconstructed theta vs reconstructed energy
0.1
0.05
0
-0.05
0
2
wn - reconstructed theta vs reconstructed energy
1
0.5
0
-0.5
-1
0
0.1
338.SLIY.1
15
10
5
0
0
0.1
338.SLIY.2
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0.1
338.SLIY.3
40
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0.1
338.SLIY.4
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338.SLIY.5
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0.1
338.SLIY.6
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338.SLIY.7
60
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0.1
338.SLIY.8
80
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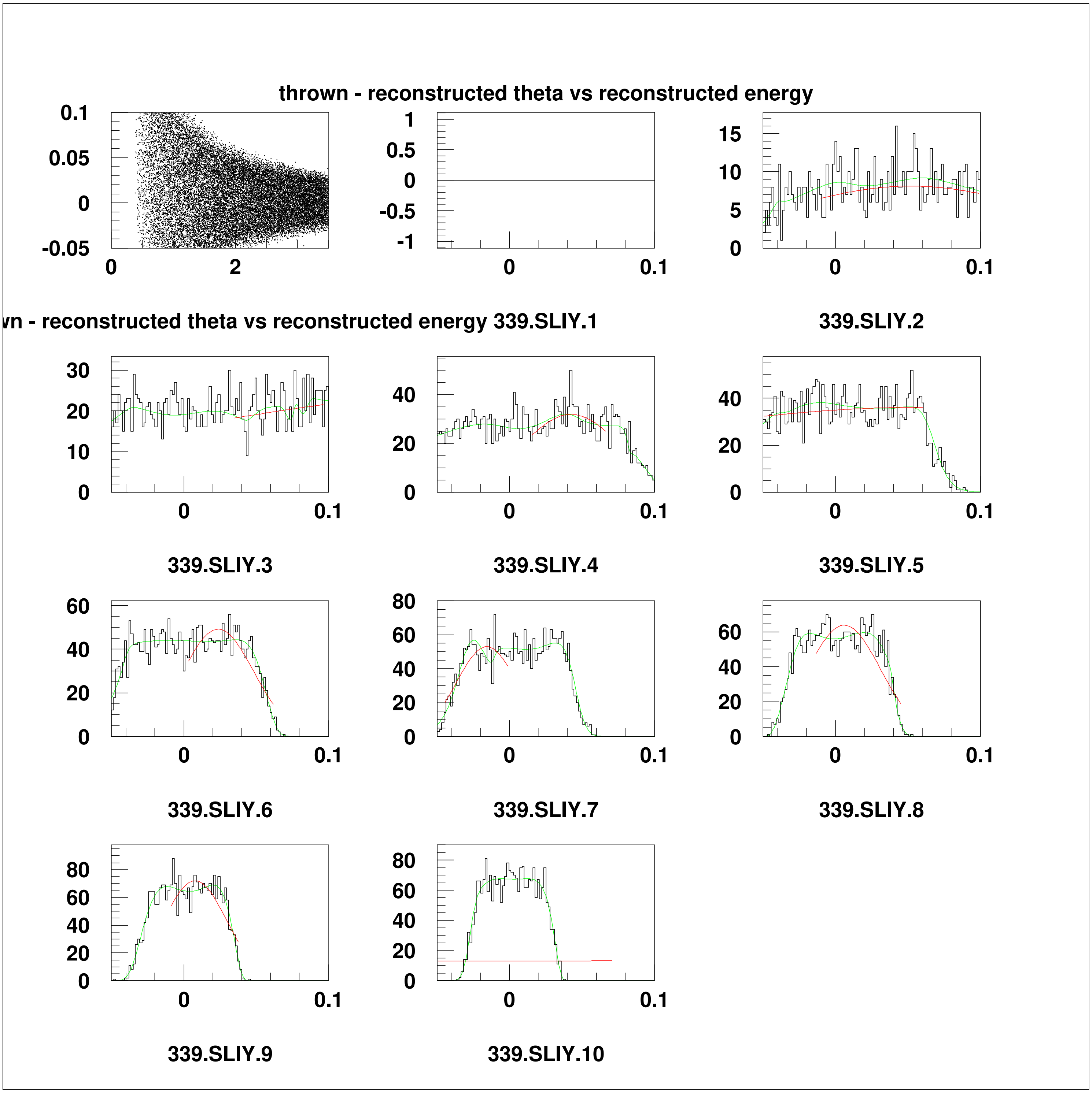
338.SLIY.9
80
60
40
20
0
0
0.1
338.SLIY.10


thrown - reconstructed theta vs reconstructed energy
0.1
0.05
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-0.05
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-1
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wn - reconstructed theta vs reconstructed energy 339.SLIY.1
339.SLIY.2
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339.SLIY.3
339.SLIY.4
339.SLIY.5
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339.SLIY.6
339.SLIY.7
339.SLIY.8
80
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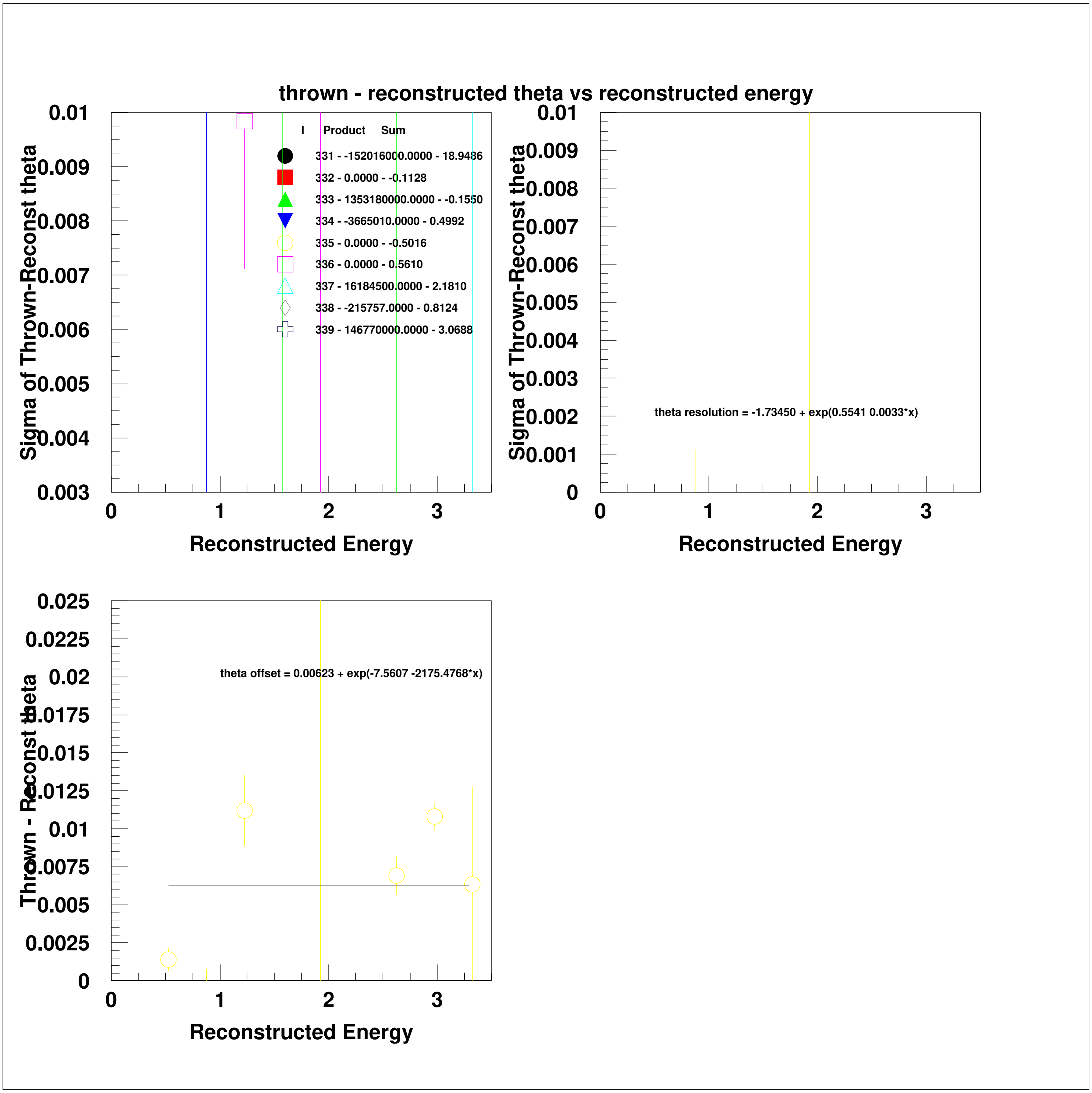
0.1
339.SLIY.9
339.SLIY.10


thrown - reconstructed theta vs reconstructed energy
Sigma of Thrown-Reconst theta
0.01
0.009
0.008
0.007
0.006
0.005
0.004
0.003
0
1
2
3
Reconstructed Energy
I Product Sum
331 - -152016000.0000 - 18.9486
332 - 0.0000 - -0.1128
333 - 1353180000.0000 - -0.1550
334 - -3665010.0000 - 0.4992
335 - 0.0000 - -0.5016
336 - 0.0000 - 0.5610
337 - 16184500.0000 - 2.1810
338 - -215757.0000 - 0.8124
339 - 146770000.0000 - 3.0688
Sigma of Thrown-Reconst theta
0.01
0.009
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
theta resolution = -1.73450 + exp(0.5541 0.0033*x)
0
1
2
3
Reconstructed Energy
Thrown - Reconst theta
0.025
0.0225
0.02
0.0175
0.015
0.0125
0.01
0.0075
0.005
0.0025
0
theta offset = 0.00623 + exp(-7.5607 -2175.4768*x)
0
1
2
3
Reconstructed Energy

thrown - reconstructed theta vs reconstructed energy