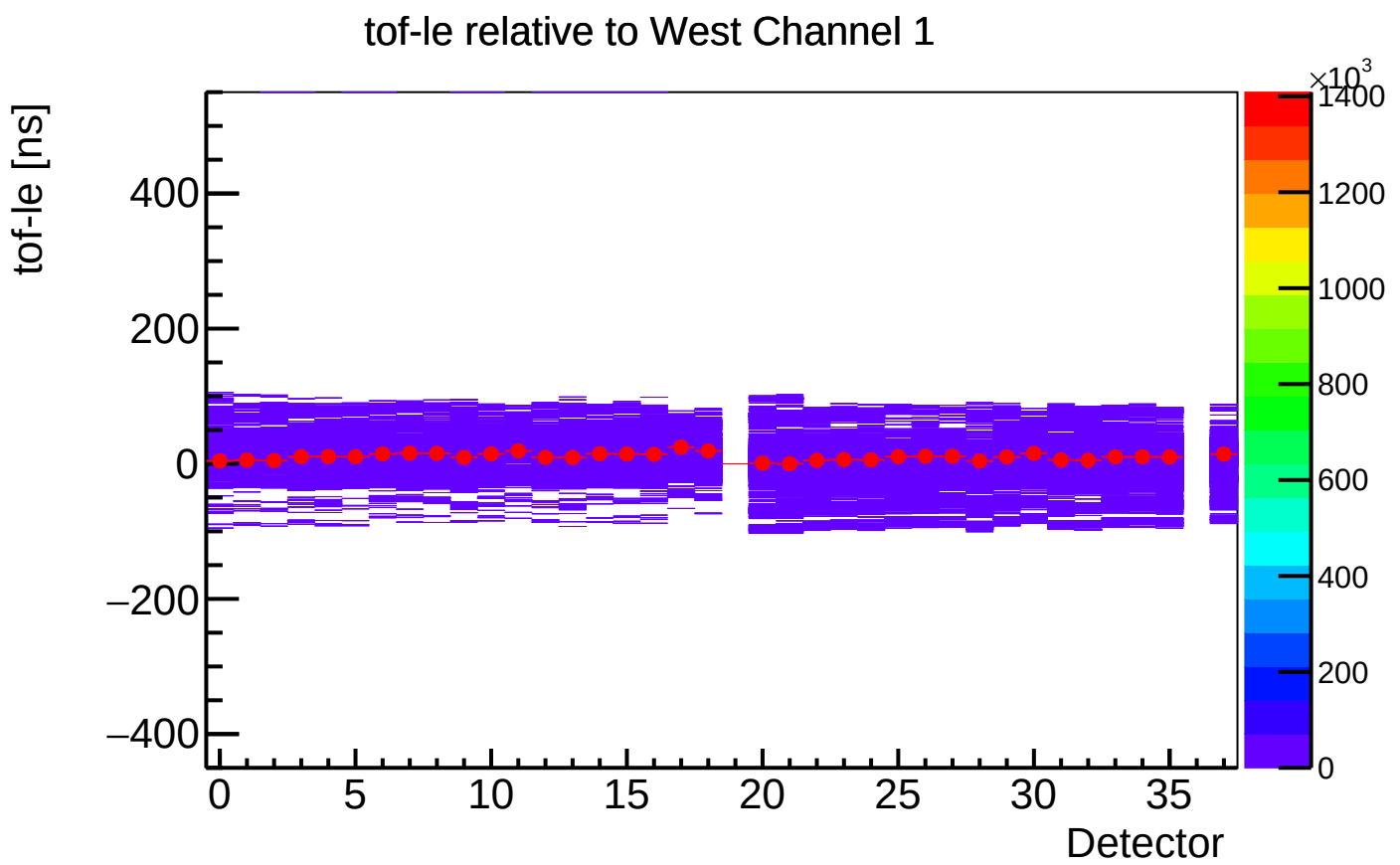
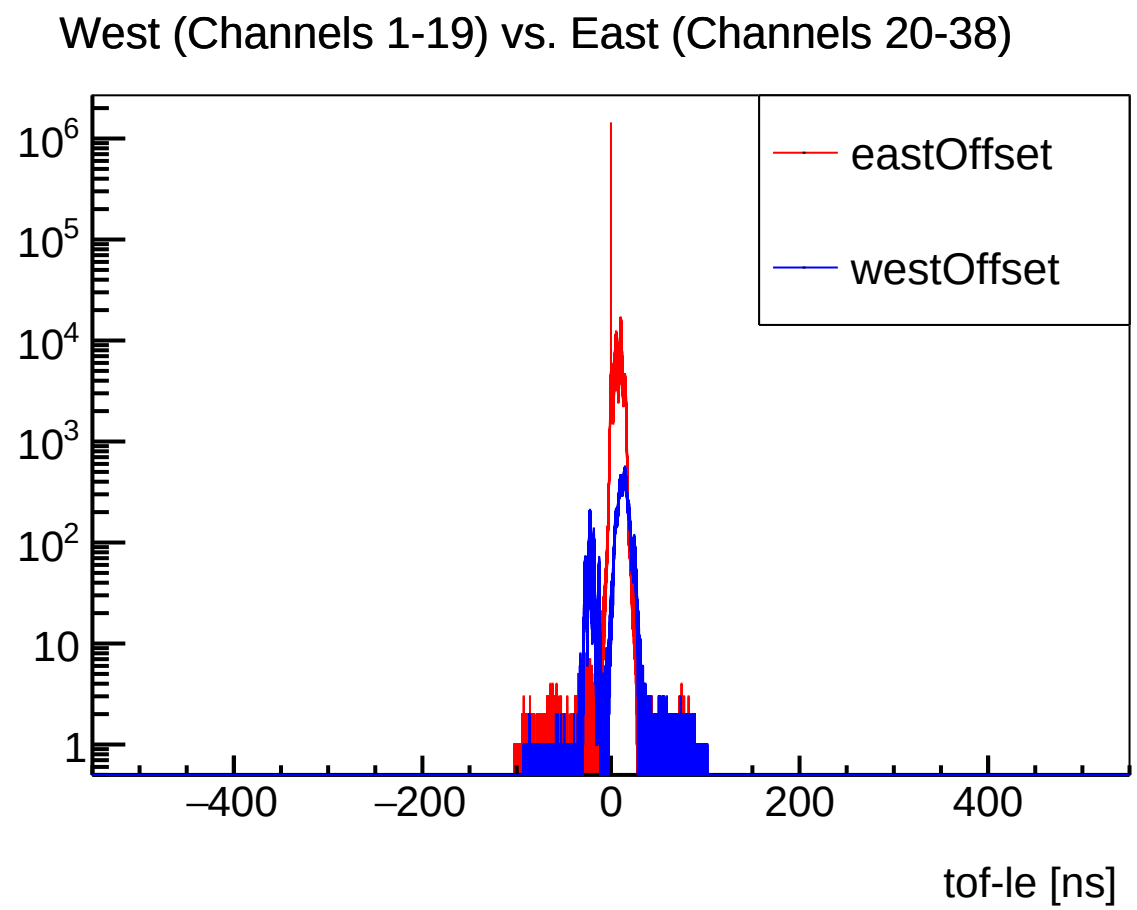
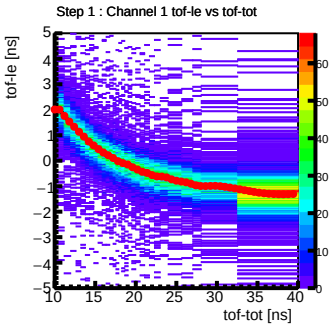
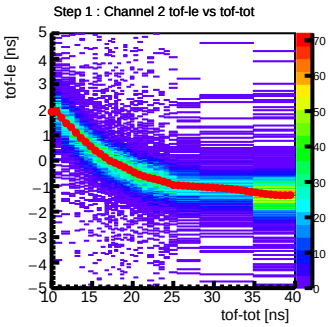
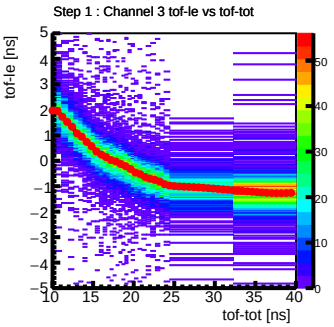
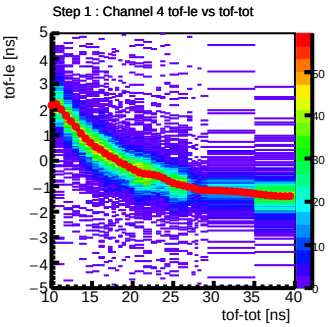

tof-le relative to West Channel 1
tof-le [ns]
400
200
0
−200
−400
0
5
10
15
20
25
30
35
Detector
×10^3
1400
1200
1000
800
600
400
200
0

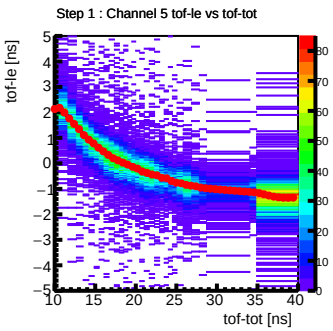

West (Channels 1-19) vs. East (Channels 20-38)
eastOffset
westOffset
10^6
10^5
10^4
10^3
10^2
10
1
−400
−200
0
200
400
tof-le [ns]

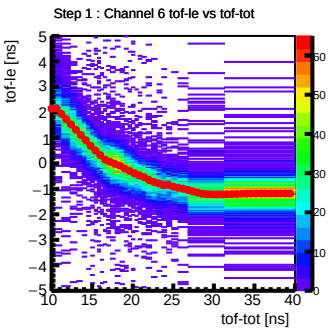

Step 1 : Channel 1 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

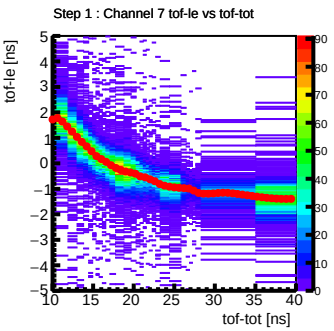

Step 1 : Channel 2 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

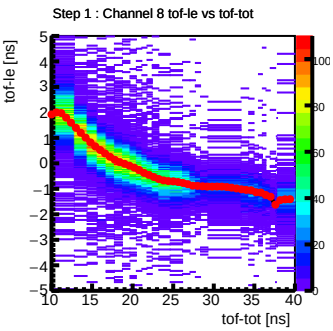

Step 1 : Channel 3 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

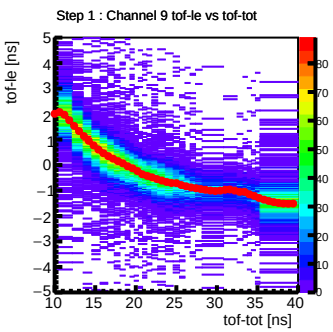

Step 1 : Channel 4 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

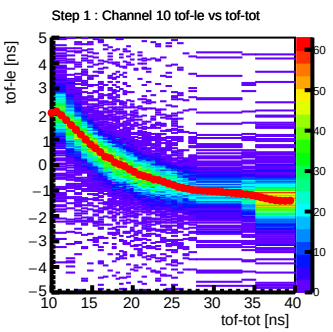

Step 1 : Channel 5 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

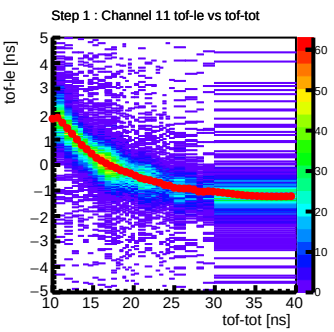

Step 1 : Channel 6 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

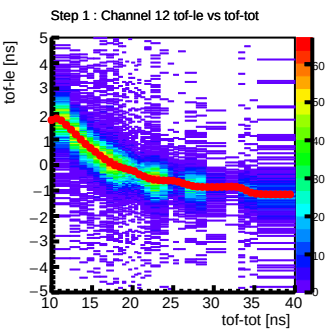

Step 1 : Channel 7 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

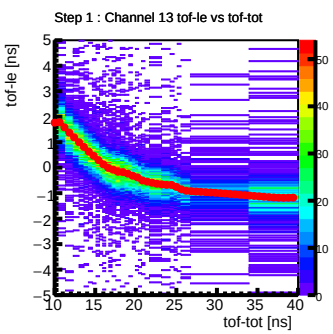

Step 1 : Channel 8 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

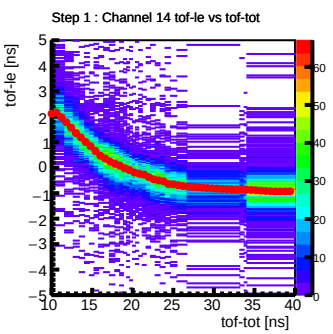

Step 1 : Channel 9 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

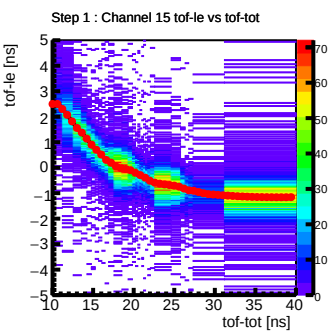

Step 1 : Channel 10 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

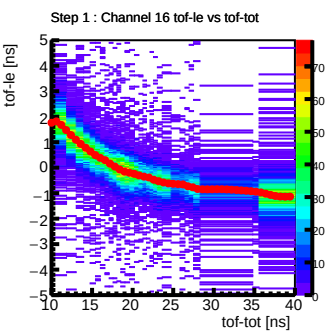

Step 1 : Channel 11 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

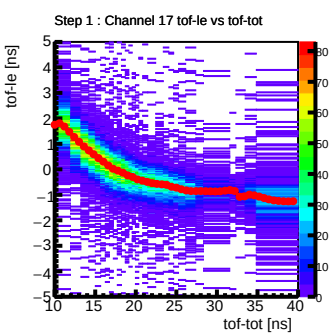

Step 1 : Channel 12 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

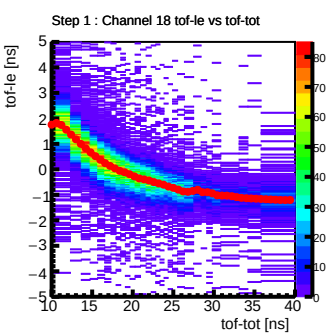

Step 1 : Channel 13 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

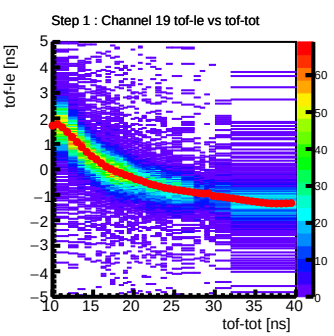

Step 1 : Channel 14 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

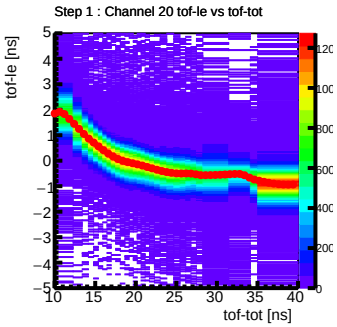

Step 1 : Channel 15 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

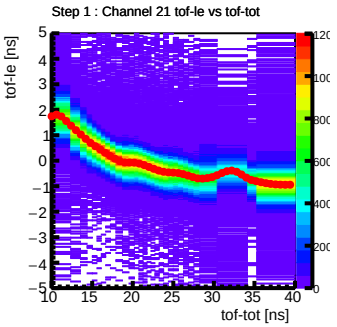

Step 1 : Channel 16 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

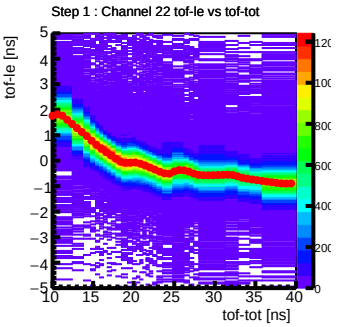

Step 1 : Channel 17 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

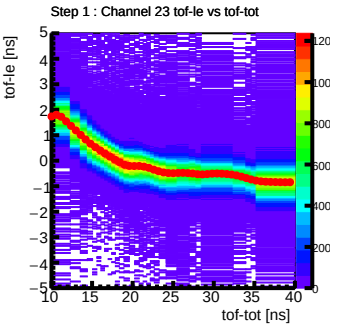

Step 1 : Channel 18 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

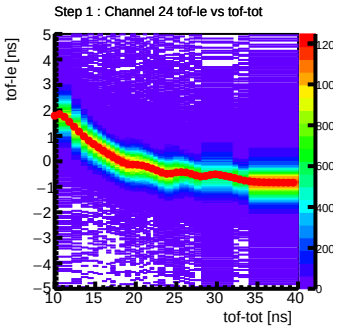

Step 1 : Channel 19 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

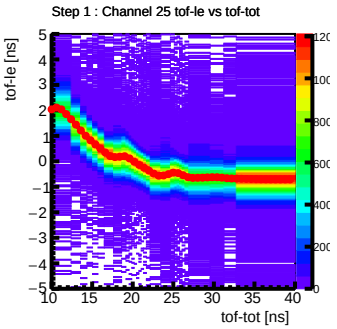

Step 1 : Channel 20 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

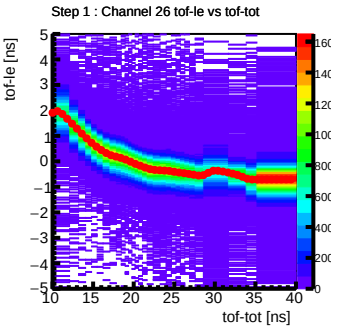

Step 1 : Channel 21 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

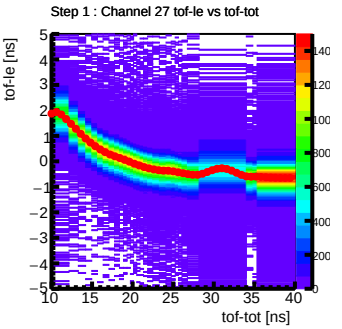

Step 1 : Channel 22 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

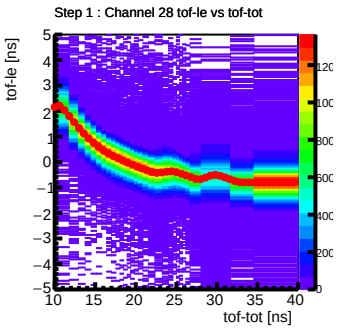

Step 1 : Channel 23 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

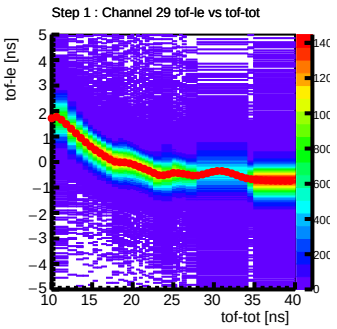

Step 1 : Channel 24 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

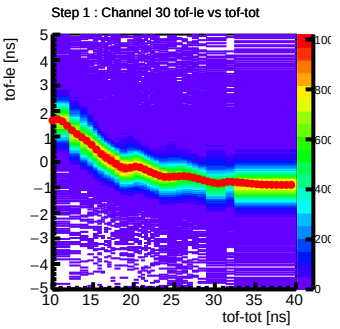

Step 1 : Channel 25 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

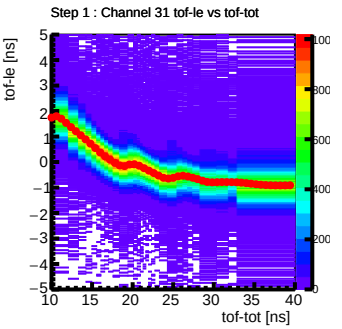

Step 1 : Channel 26 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

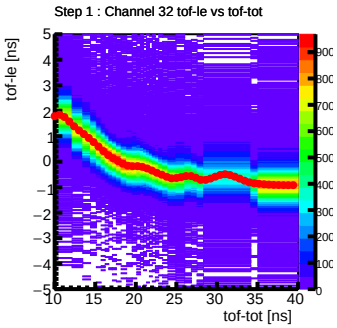

Step 1 : Channel 27 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

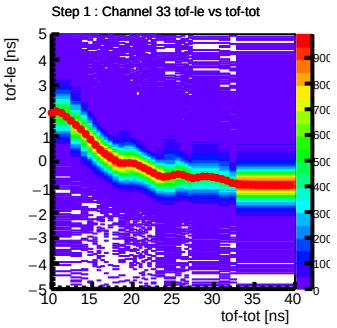

Step 1 : Channel 28 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

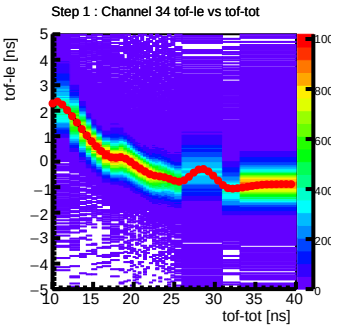

Step 1 : Channel 29 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

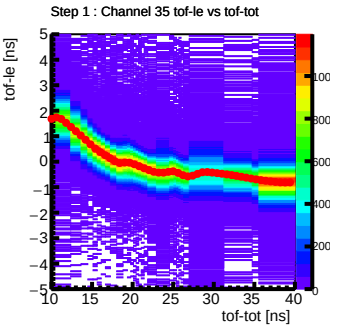

Step 1 : Channel 30 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

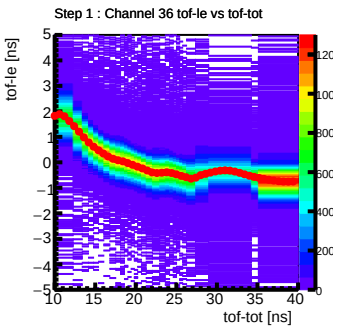

Step 1 : Channel 31 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

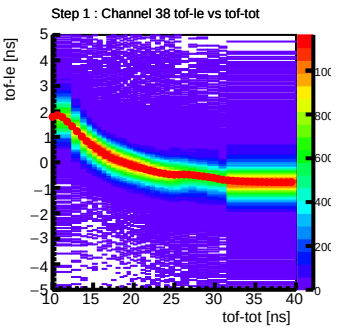

Step 1 : Channel 32 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

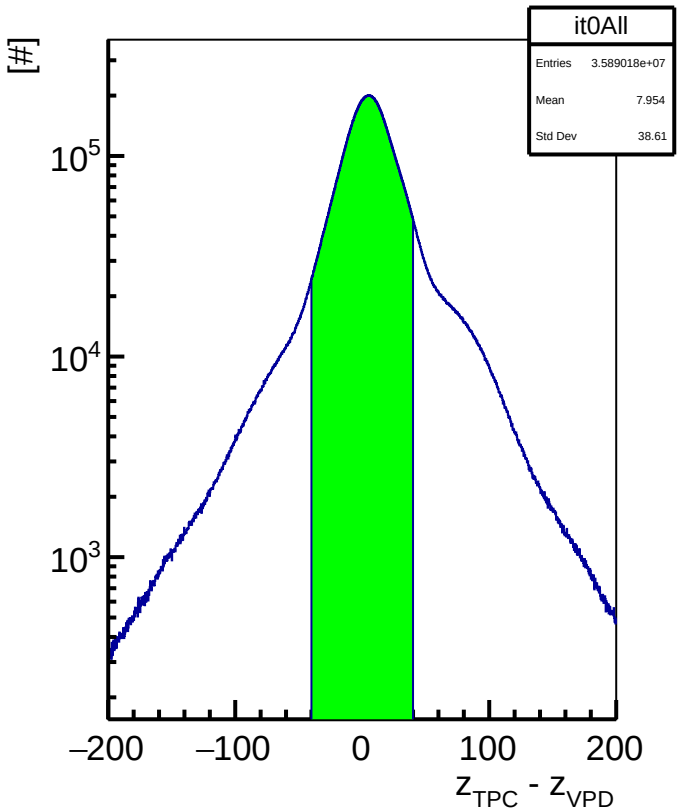

Step 1 : Channel 33 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

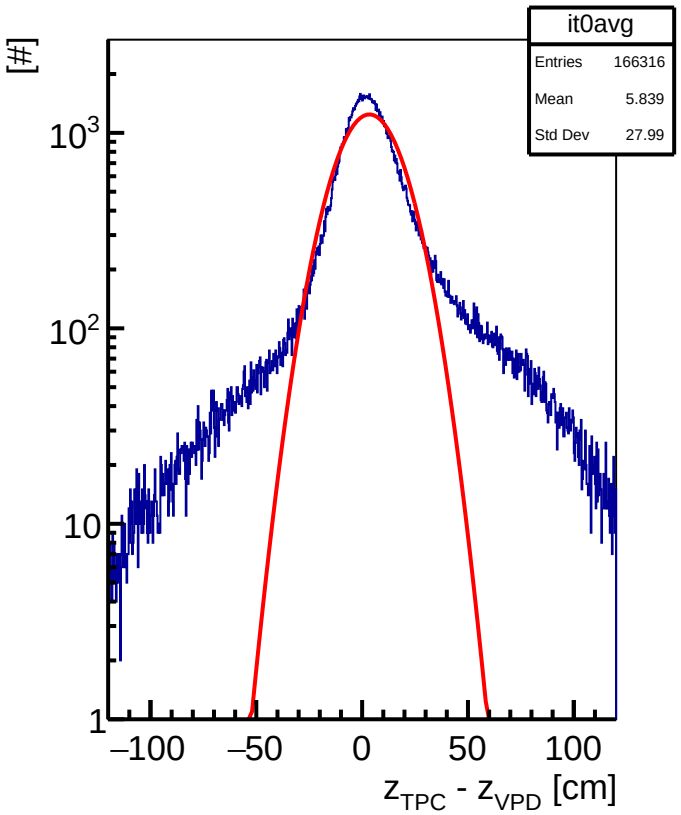

Step 1 : Channel 34 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

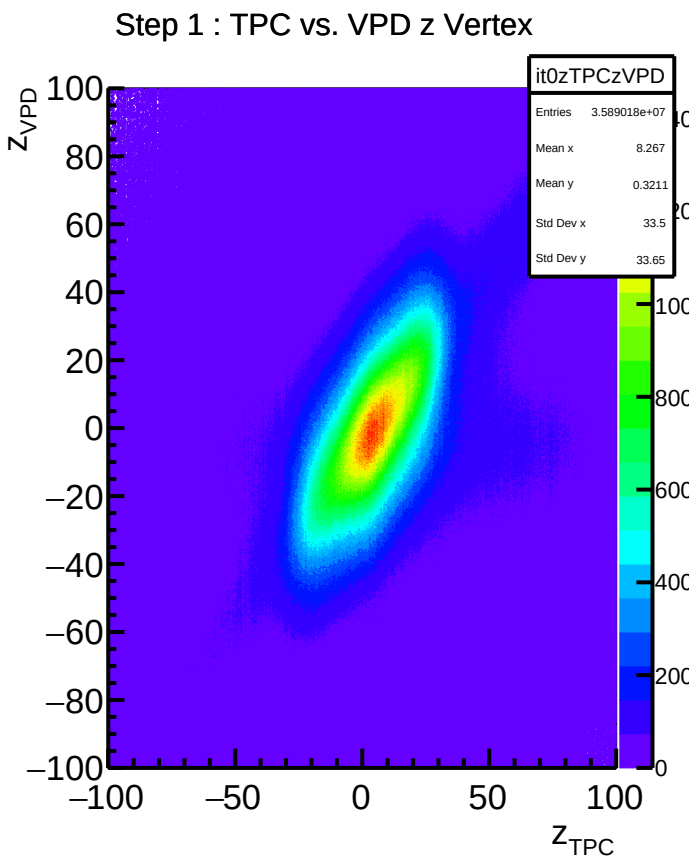

Step 1 : Channel 35 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

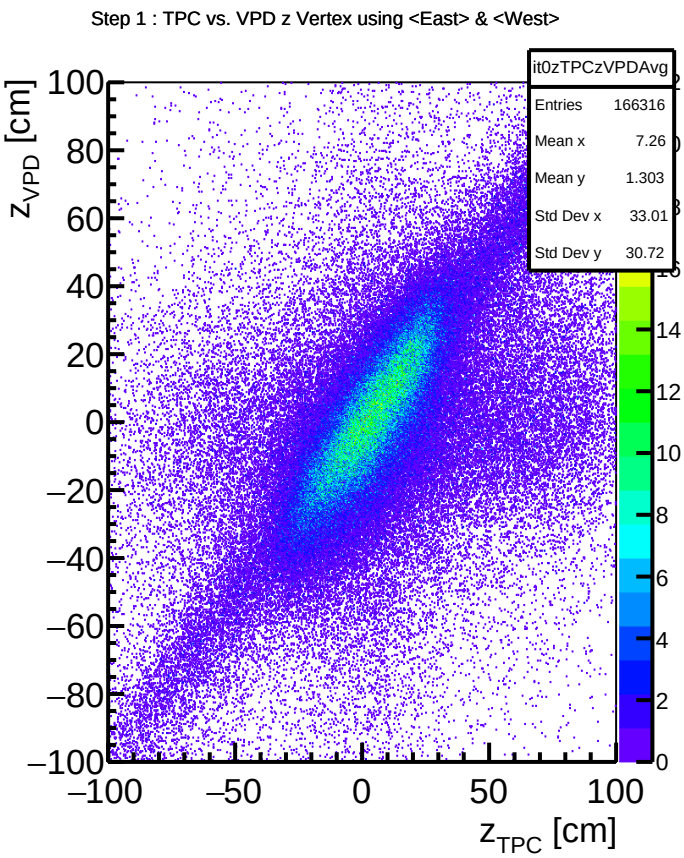

Step 1 : Channel 36 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

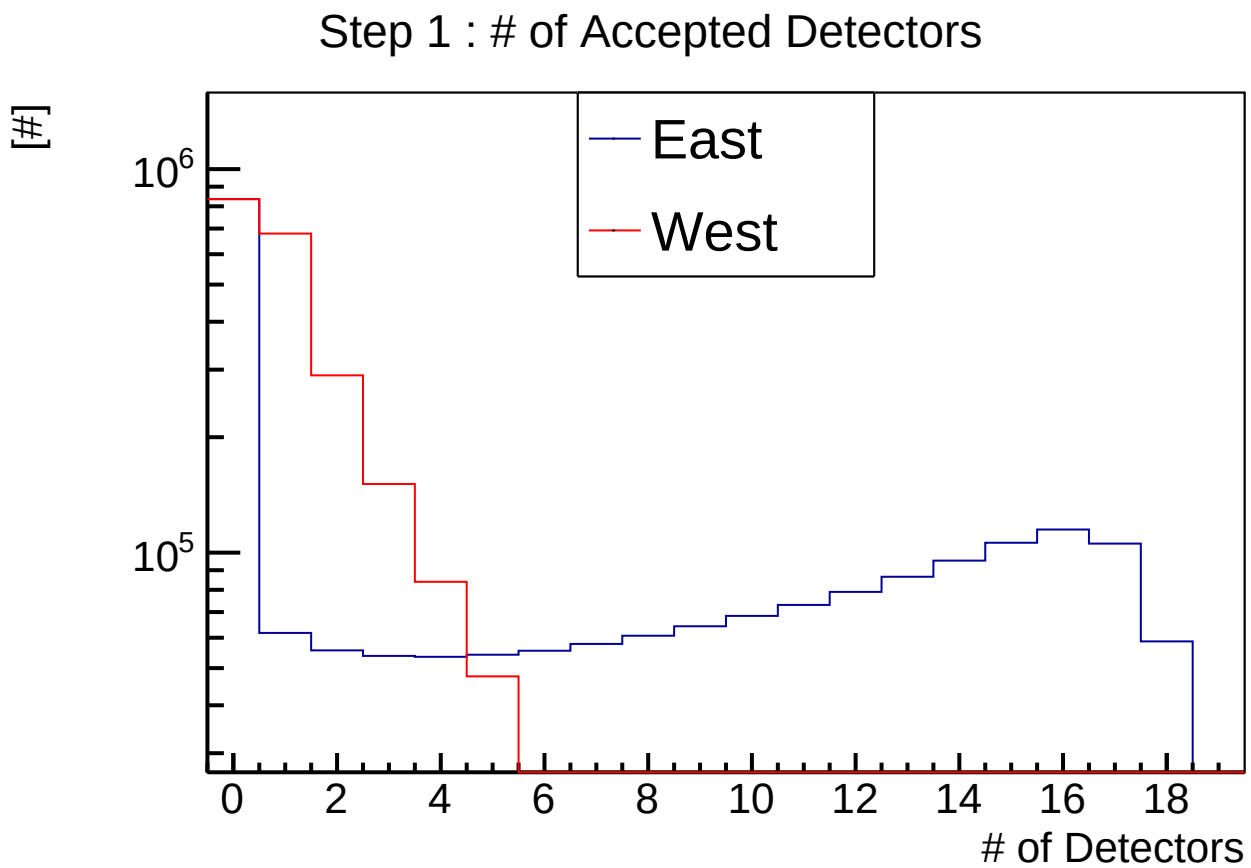

Step 1 : Channel 38 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

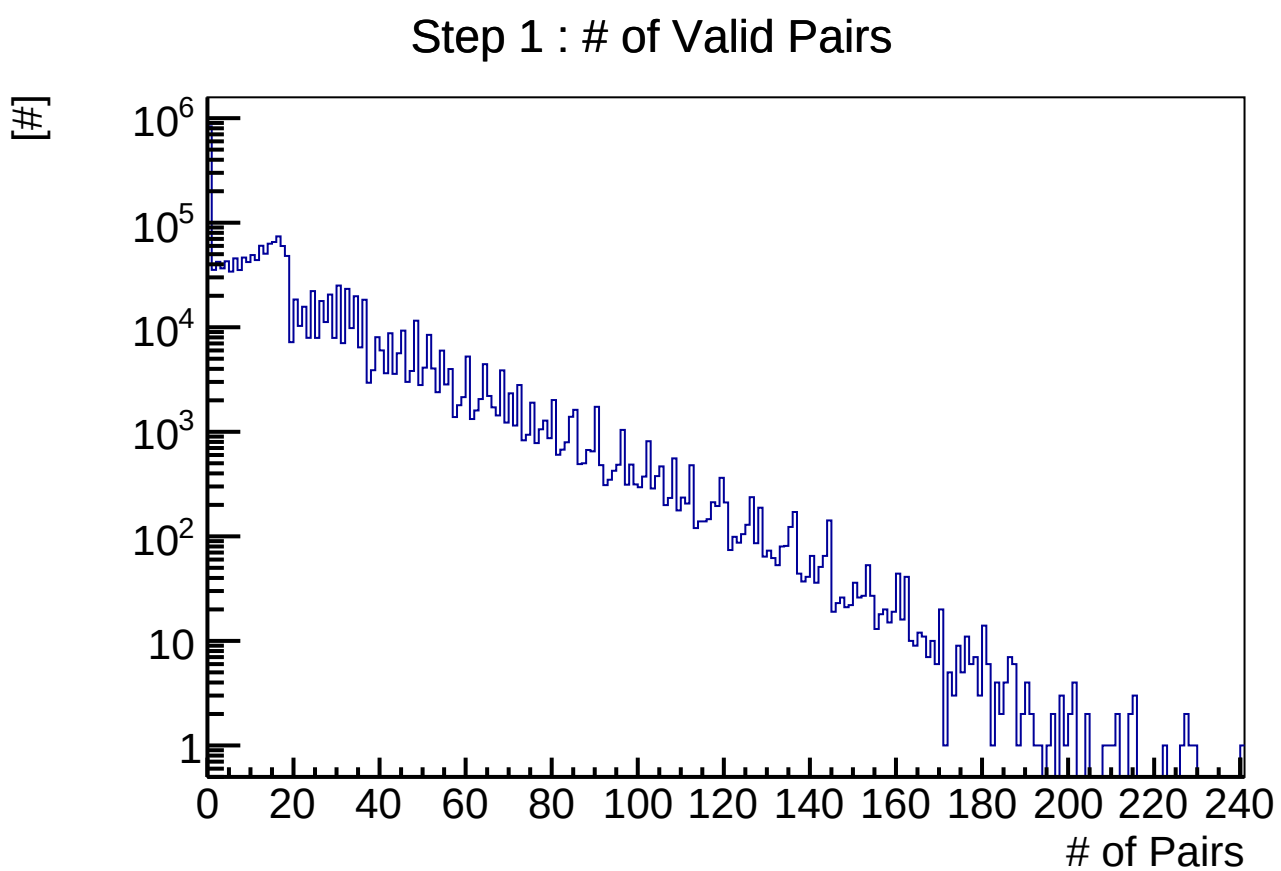

Step 1 : Outlier Rejection
it0All
Entries 3.589018e+07
Mean 7.954
Std Dev 38.61
[#]
10^5
10^4
10^3
–200 –100 0 100 200
z_{TPC} - z_{VPD}

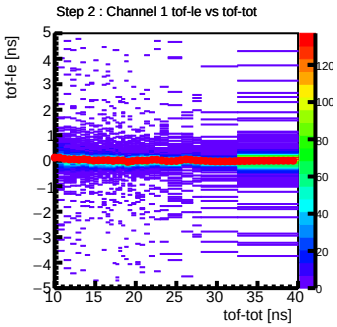

Step 1 : TPC vs. VPD z Vertex using <East> & <West>
it0avg
Entries 166316
Mean 5.839
Std Dev 27.99
[#]
10^3
10^2
10
1
–100 –50 0 50 100
z_{TPC} - z_{VPD} [cm]

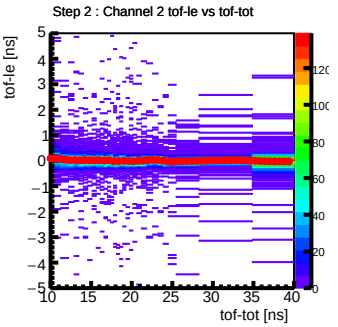

Step 1 : TPC vs. VPD z Vertex
it0zTPCzVPD
Entries 3.589018e+07
Mean x 8.267
Mean y 0.3211
Std Dev x 33.5
Std Dev y 33.65
z_{VPD}
100 80 60 40 20 0 –20 –40 –60 –80 –100
–100 –50 0 50 100
z_{TPC}

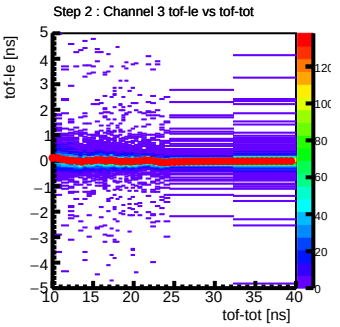

Step 1 : TPC vs. VPD z Vertex using <East> & <West>
it0zTPCzVPDAvg
Entries 166316
Mean x 7.26
Mean y 1.303
Std Dev x 33.01
Std Dev y 30.72
z_{VPD} [cm]
100 80 60 40 20 0 –20 –40 –60 –80 –100
–100 –50 0 50 100
z_{TPC} [cm]

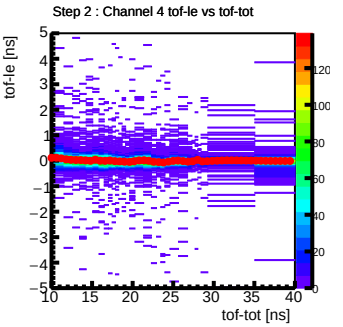

Step 1 : # of Accepted Detectors
[#]
East
West
10^6
10^5
0 2 4 6 8 10 12 14 16 18
# of Detectors

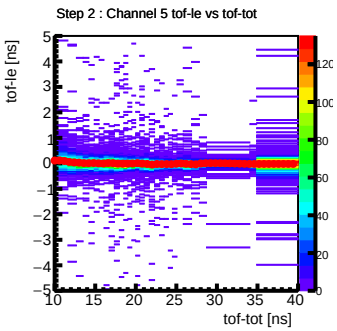

Step 1 : # of Valid Pairs
[#]
10^6
10^5
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120 140 160 180 200 220 240
# of Pairs

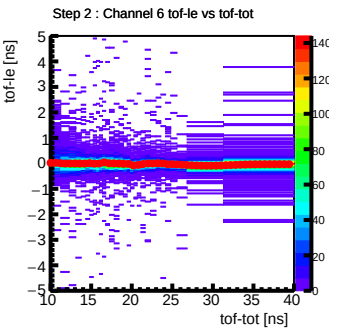

Step 2 : Channel 1 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

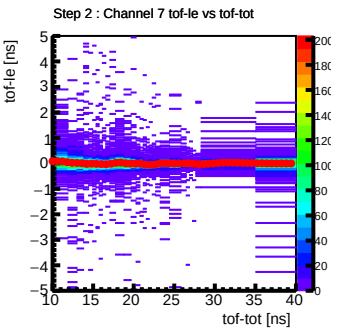

Step 2 : Channel 2 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

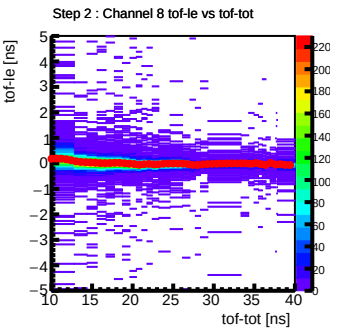

Step 2 : Channel 3 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

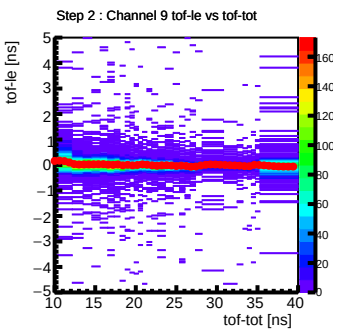

Step 2 : Channel 4 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

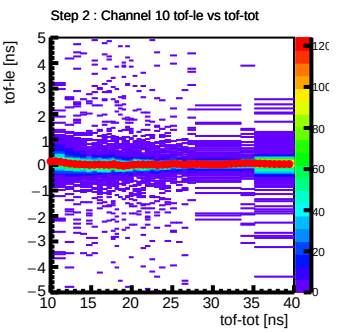

Step 2 : Channel 5 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

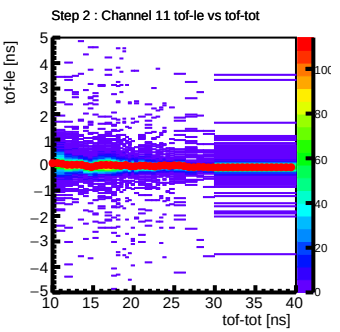

Step 2 : Channel 6 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

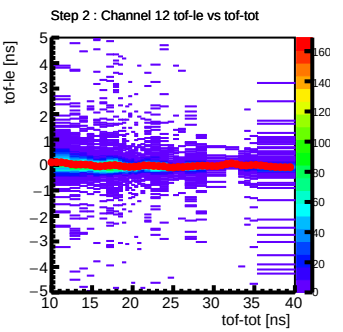

Step 2 : Channel 7 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

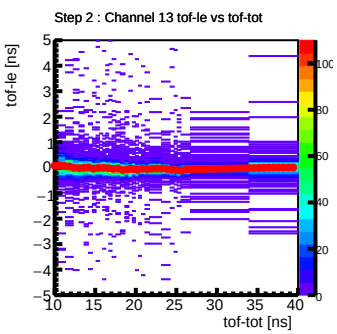

Step 2 : Channel 8 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

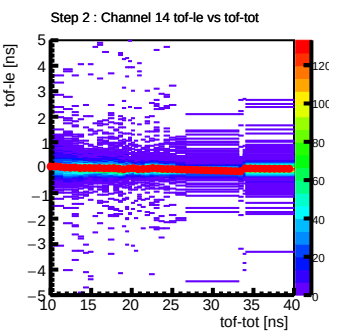

Step 2 : Channel 9 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

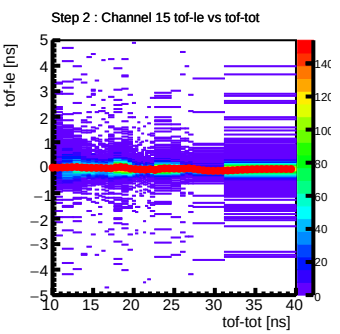

Step 2 : Channel 10 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

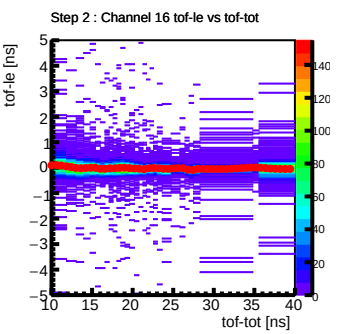

Step 2 : Channel 11 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

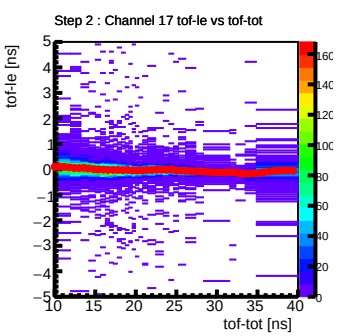

Step 2 : Channel 12 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

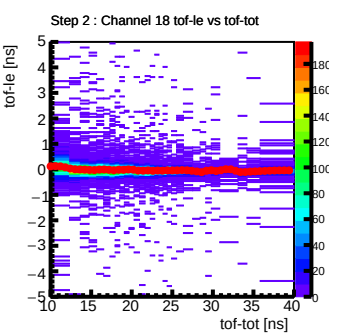

Step 2 : Channel 13 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

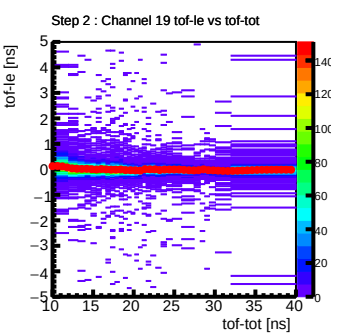

Step 2 : Channel 14 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

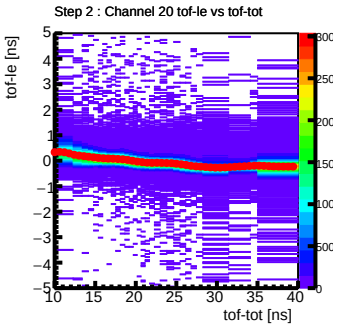

Step 2 : Channel 15 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

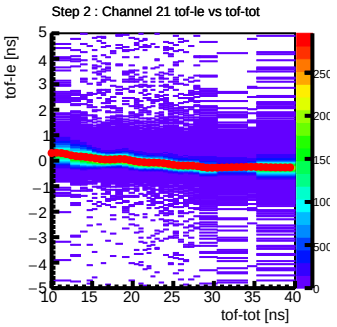

Step 2 : Channel 16 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

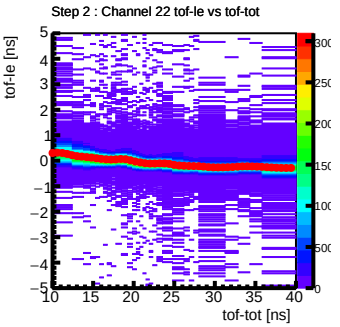

Step 2 : Channel 17 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

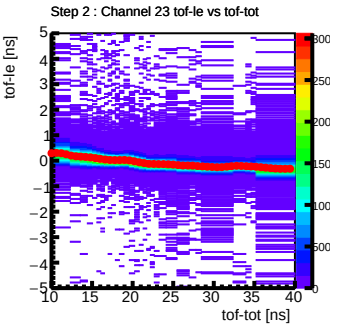

Step 2 : Channel 18 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

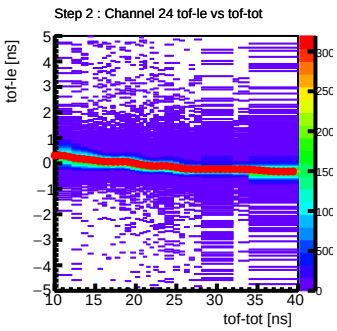

Step 2 : Channel 19 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

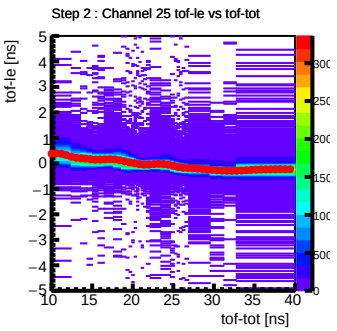

Step 2 : Channel 20 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

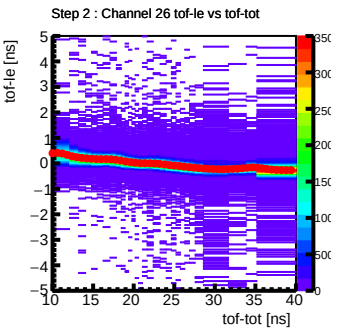

Step 2 : Channel 21 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

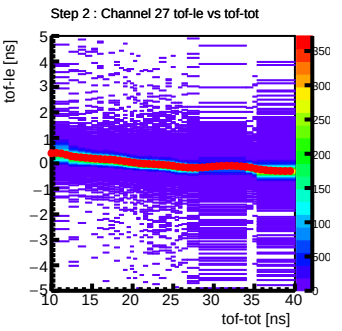

Step 2 : Channel 22 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

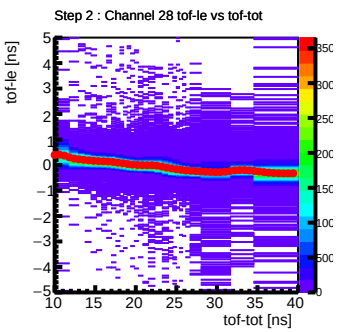

Step 2 : Channel 23 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

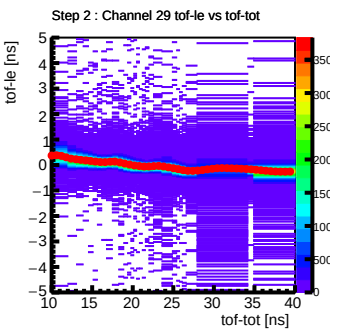

Step 2 : Channel 24 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

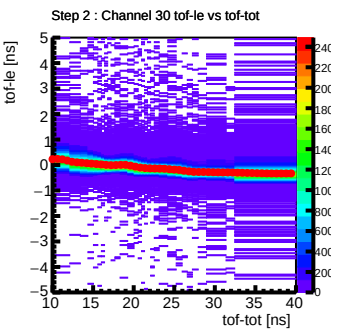

Step 2 : Channel 25 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

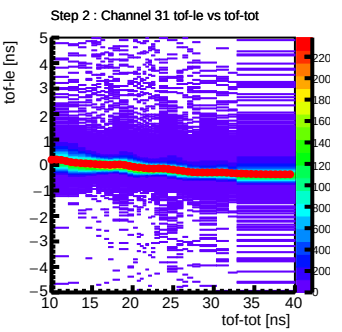

Step 2 : Channel 26 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

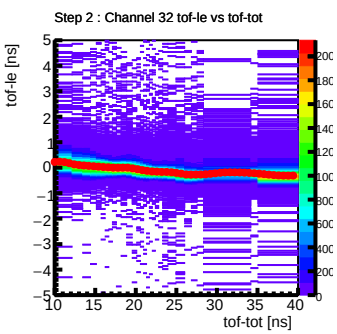

Step 2 : Channel 27 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

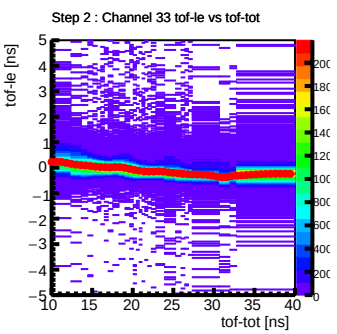

Step 2 : Channel 28 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

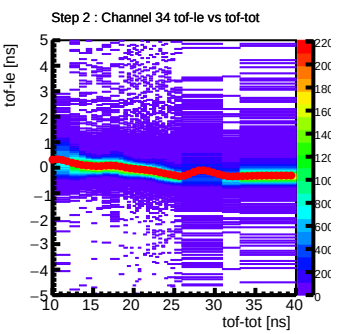

Step 2 : Channel 29 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

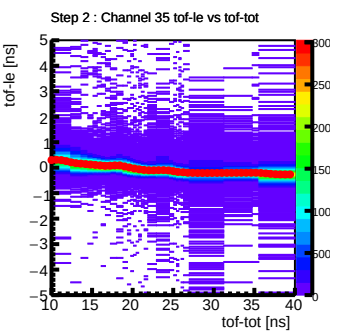

Step 2 : Channel 30 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

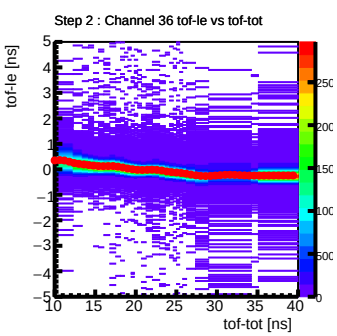

Step 2 : Channel 31 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

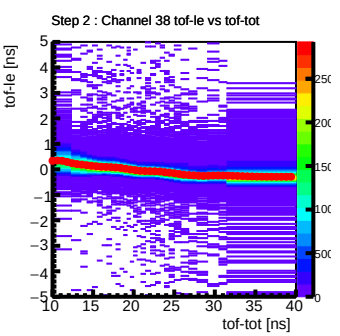

Step 2 : Channel 32 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

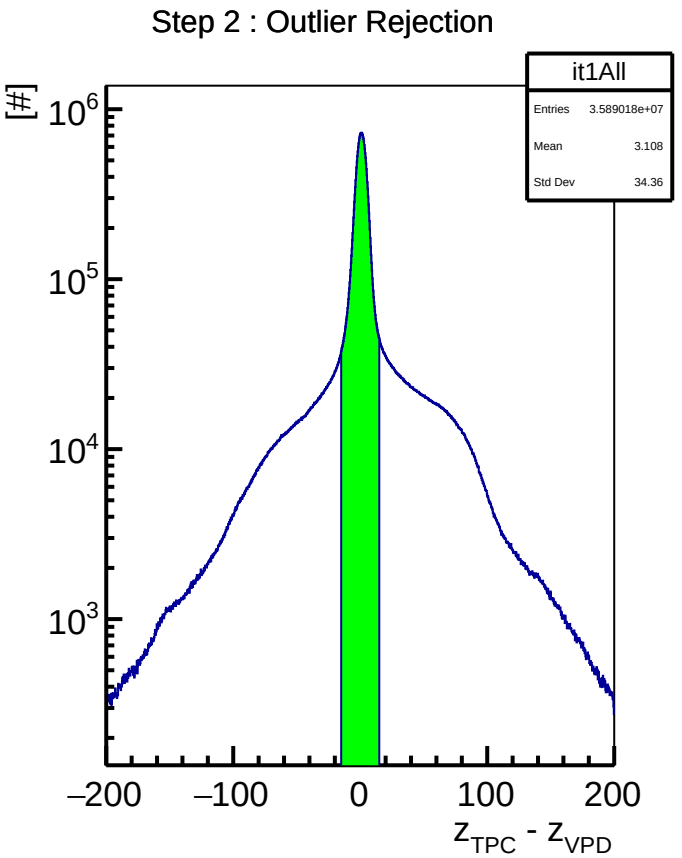

Step 2 : Channel 33 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

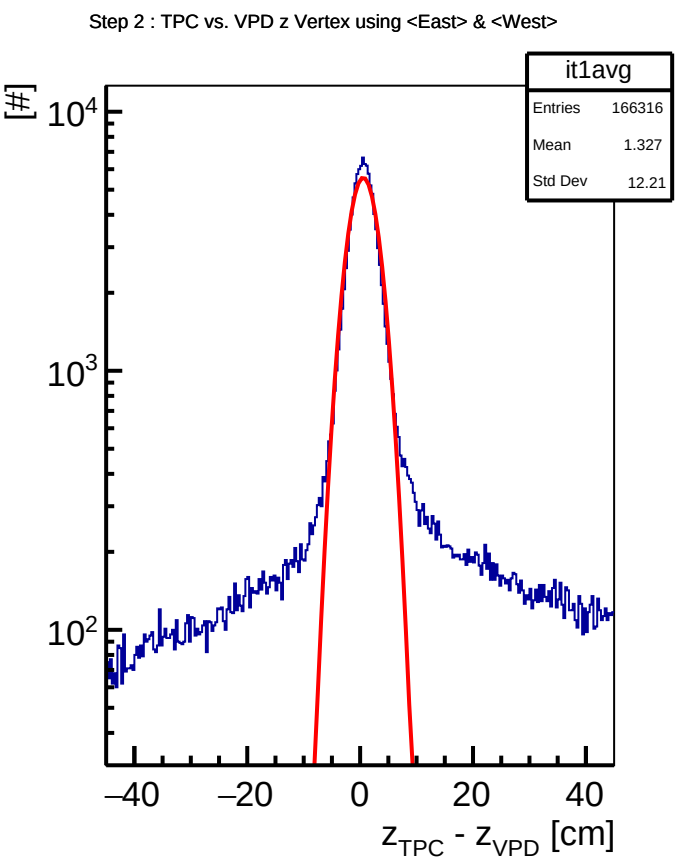

Step 2 : Channel 34 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

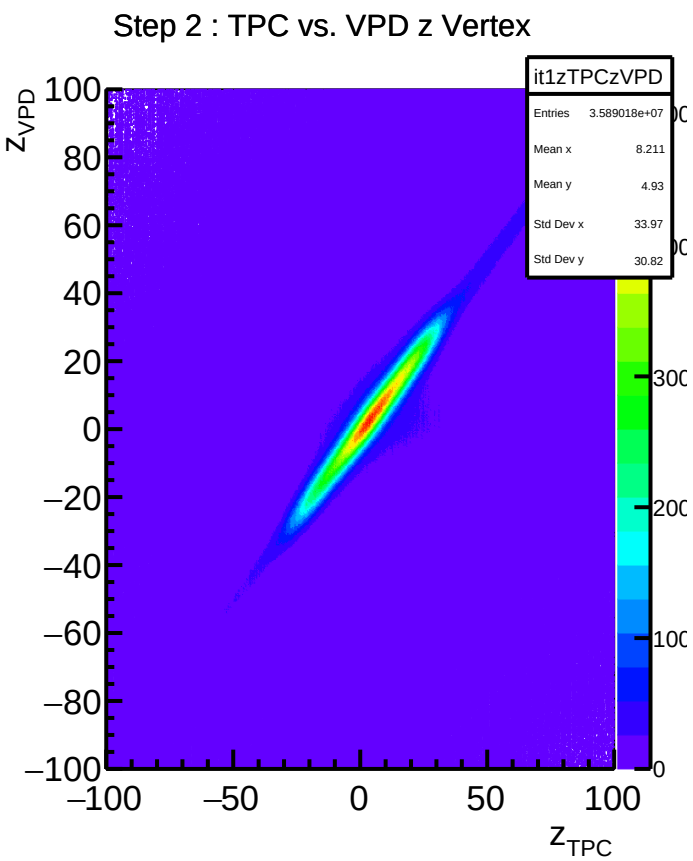

Step 2 : Channel 35 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

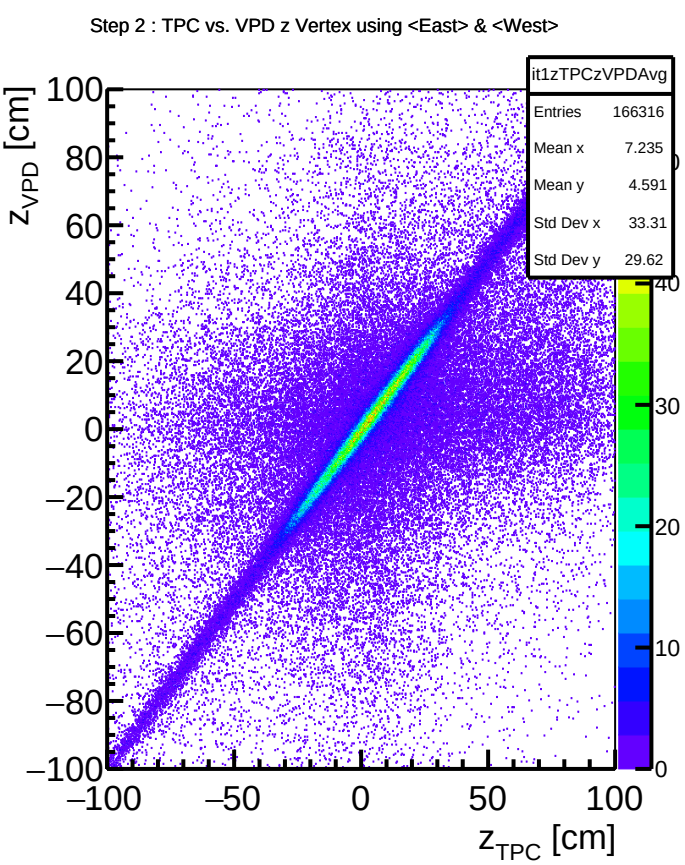

Step 2 : Channel 36 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

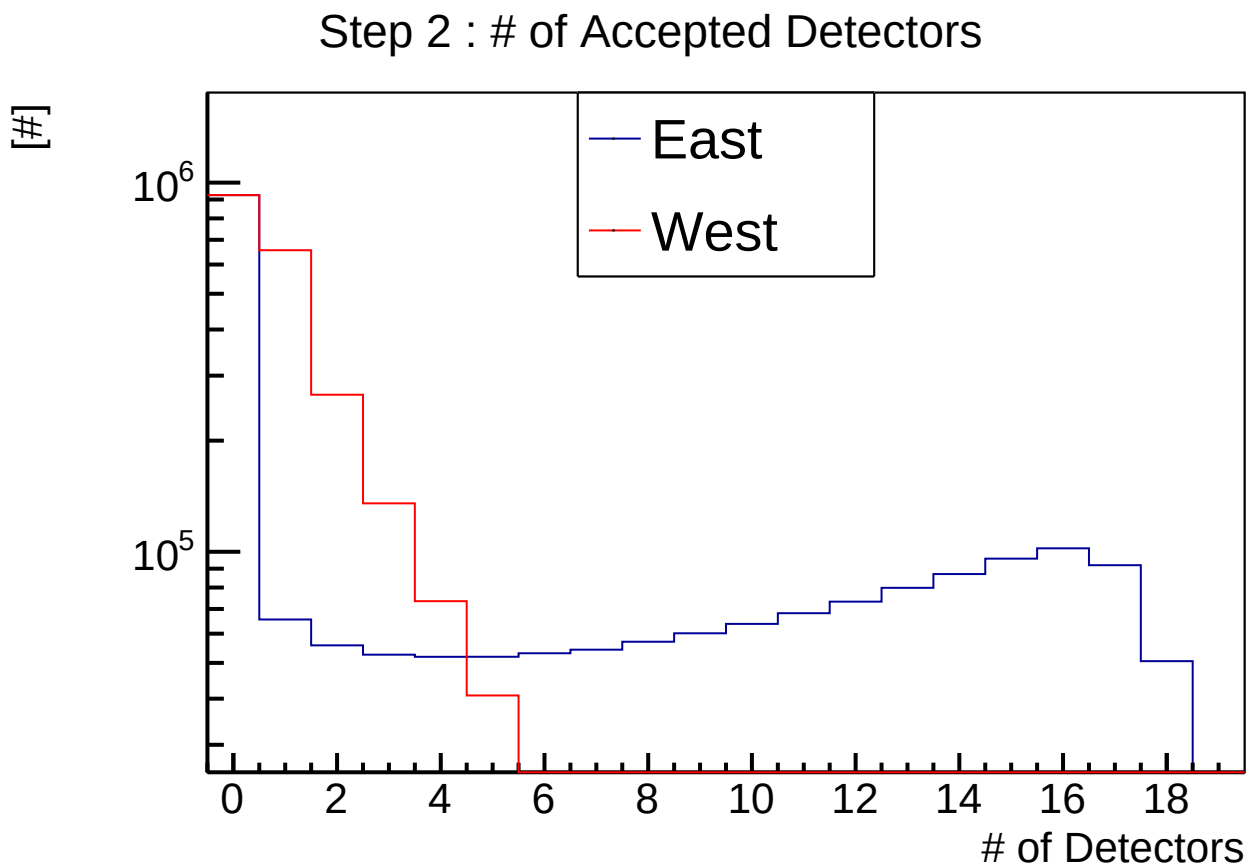

Step 2 : Channel 38 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

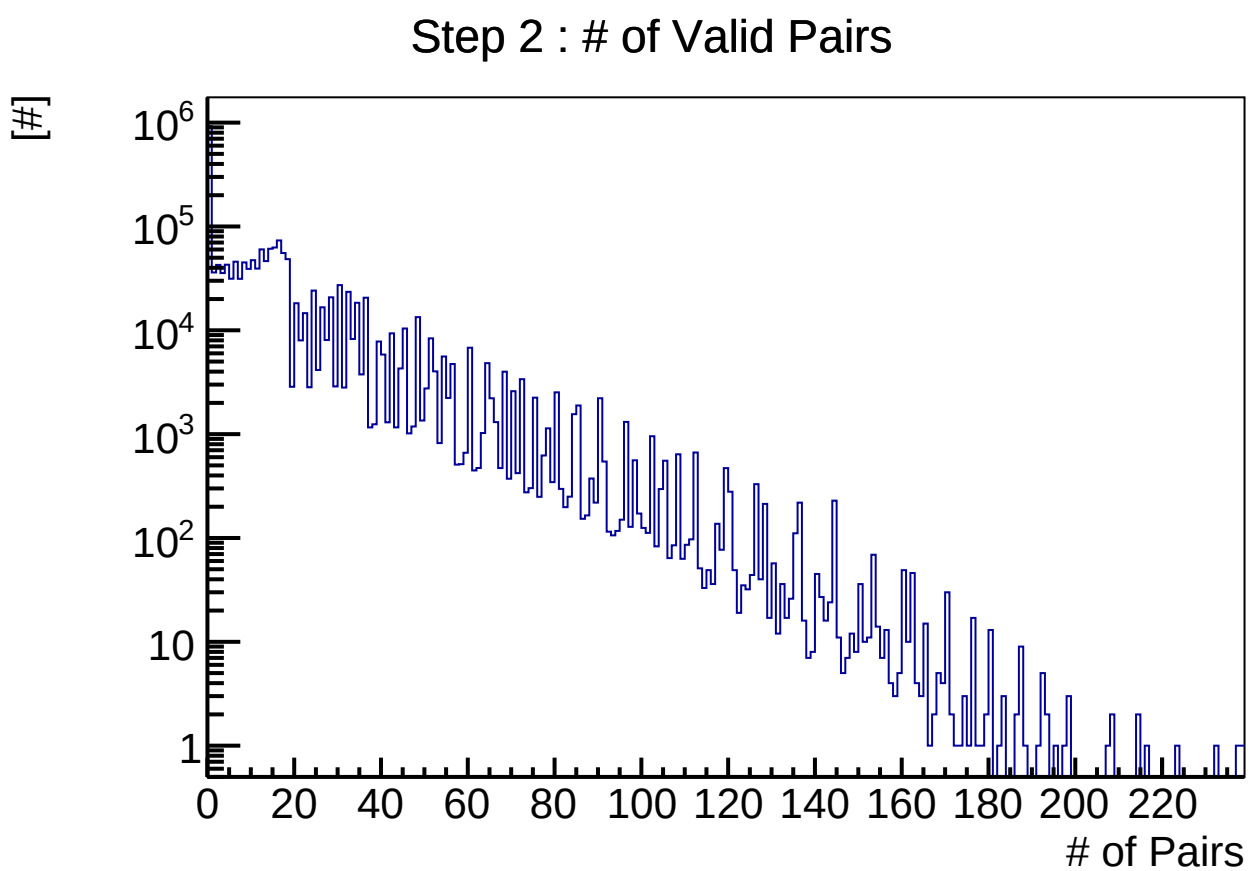

Step 2 : Outlier Rejection
it1All
Entries 3.589018e+07
Mean 3.108
Std Dev 34.36
[#]
10^6
10^5
10^4
10^3
–200
–100
0
100
200
z_{TPC} - z_{VPD}


Step 2 : TPC vs. VPD z Vertex using <East> & <West>
it1avg
Entries 166316
Mean 1.327
Std Dev 12.21
[#]
10^4
10^3
10^2
–40
–20
0
20
40
z_{TPC} - z_{VPD} [cm]

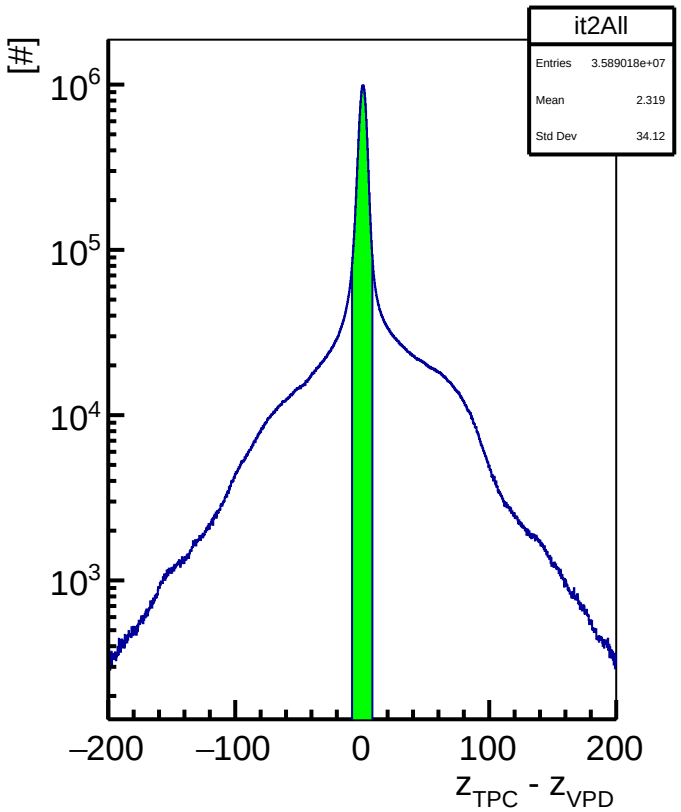

Step 2 : TPC vs. VPD z Vertex
it1zTPCzVPD
Entries 3.589018e+07
Mean x 8.211
Mean y 4.93
Std Dev x 33.97
Std Dev y 30.82
z_{VPD}
100
80
60
40
20
0
–20
–40
–60
–80
–100
–100
–50
0
50
100
z_{TPC}


Step 2 : TPC vs. VPD z Vertex using <East> & <West>
it1zTPCzVPDAvg
Entries 166316
Mean x 7.235
Mean y 4.591
Std Dev x 33.31
Std Dev y 29.62
z_{VPD} [cm]
100
80
60
40
20
0
–20
–40
–60
–80
–100
–100
–50
0
50
100
z_{TPC} [cm]

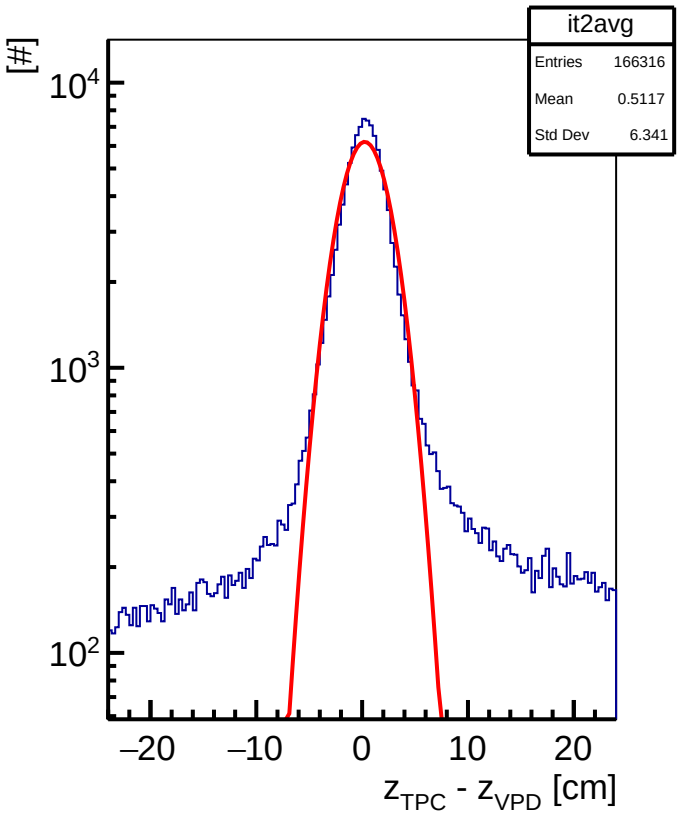

Step 2 : # of Accepted Detectors
[#]
East
West
10^6
10^5
0
2
4
6
8
10
12
14
16
18
# of Detectors


Step 2 : # of Valid Pairs
[#]
10^6
10^5
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120
140
160
180
200
220
# of Pairs

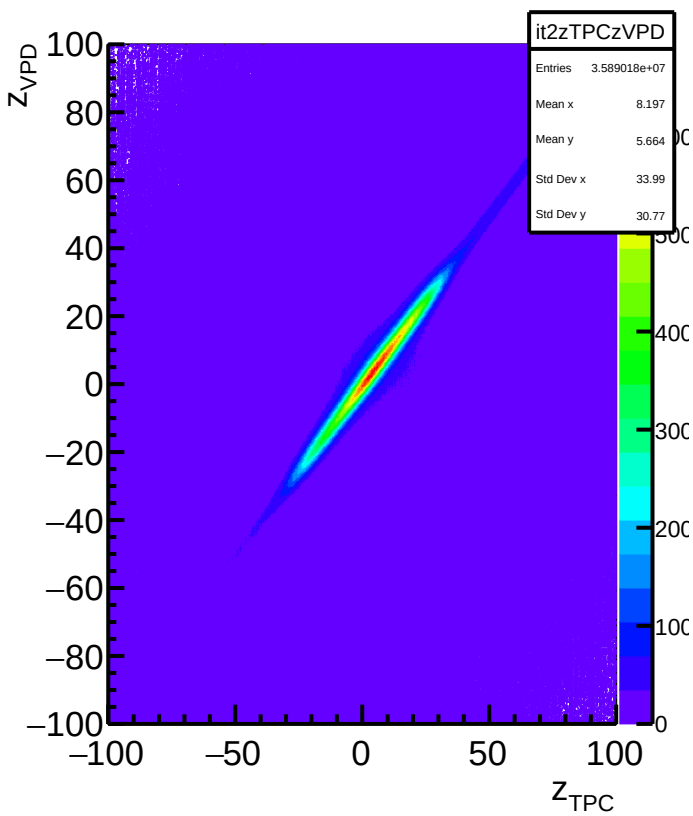
Step 3 : Outlier Rejection



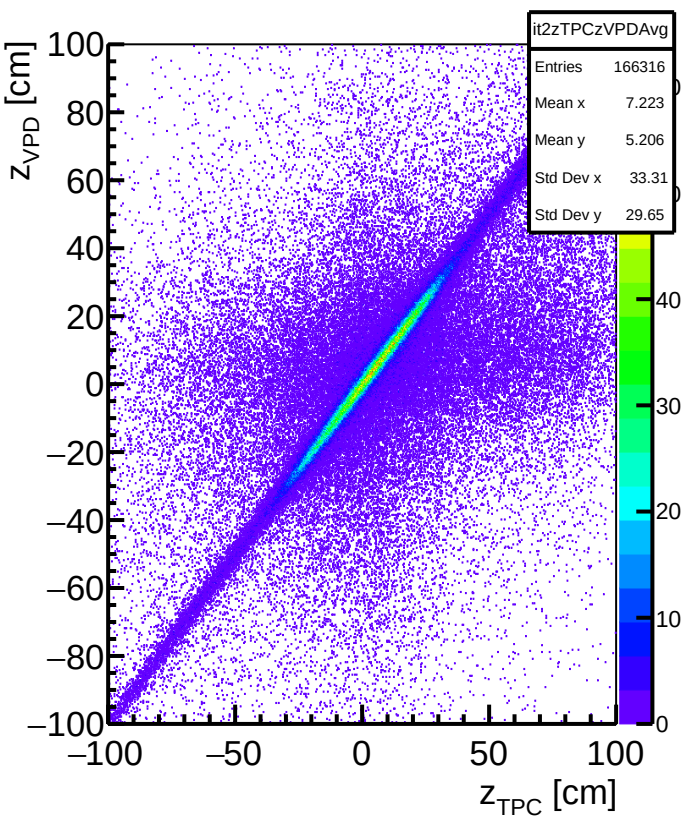
Step 3 : TPC vs. VPD z Vertex using <East> & <West>

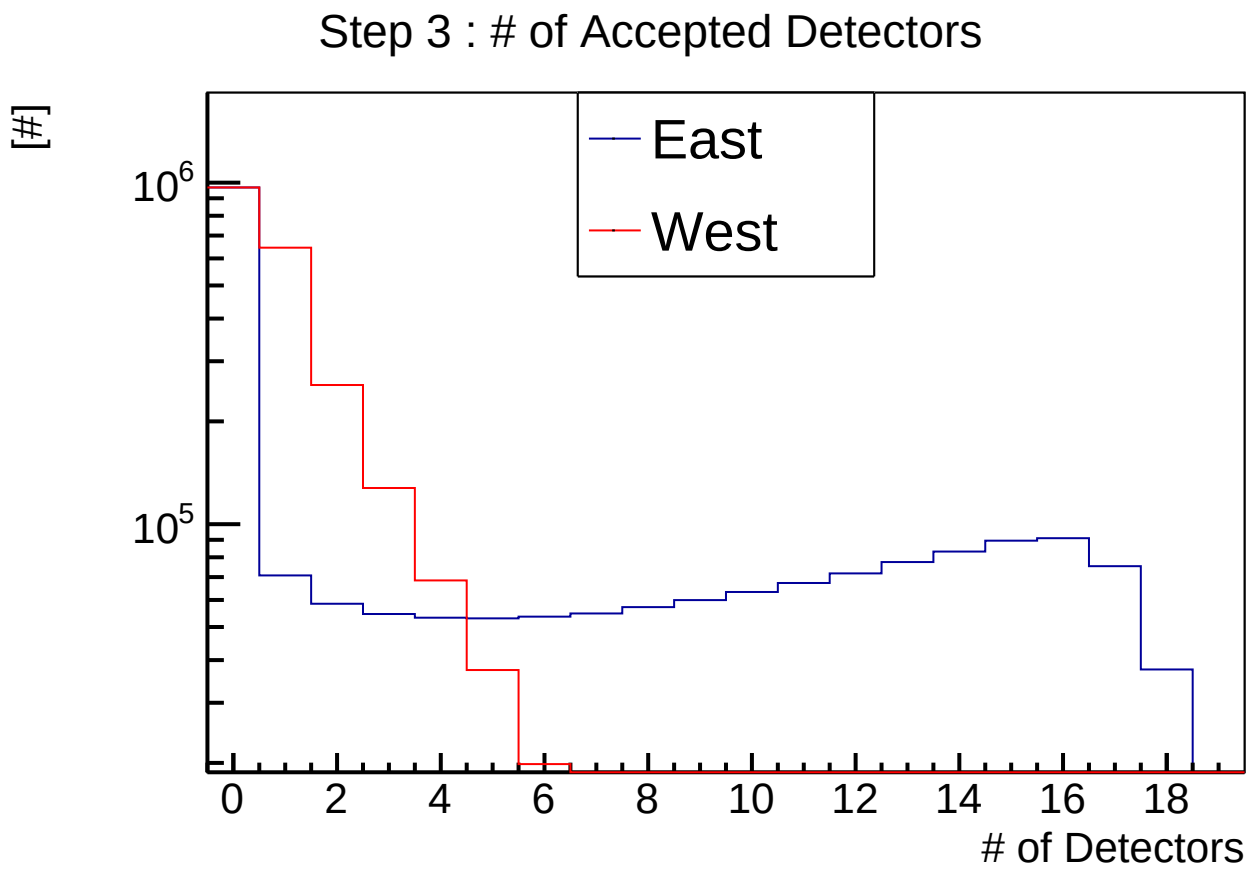


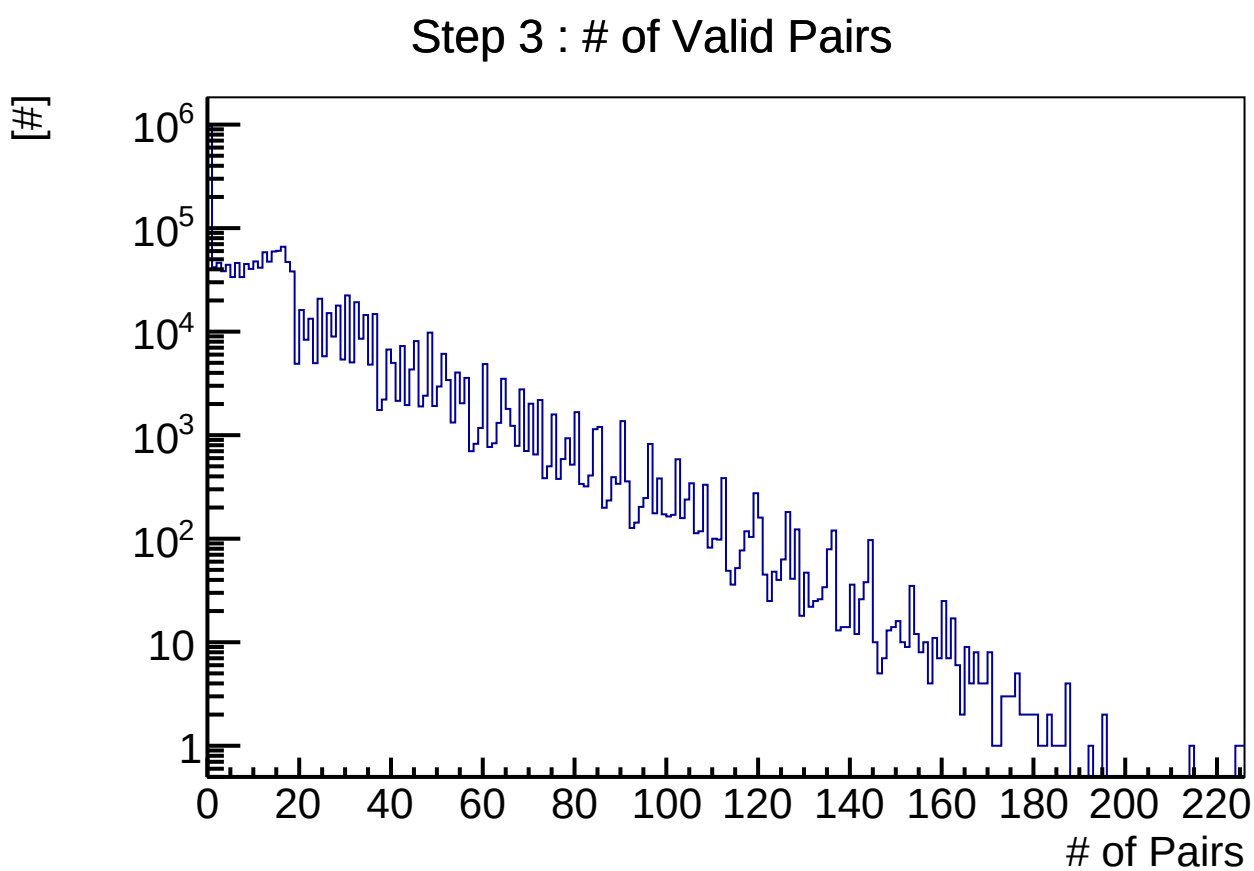
Step 3 : TPC vs. VPD z Vertex

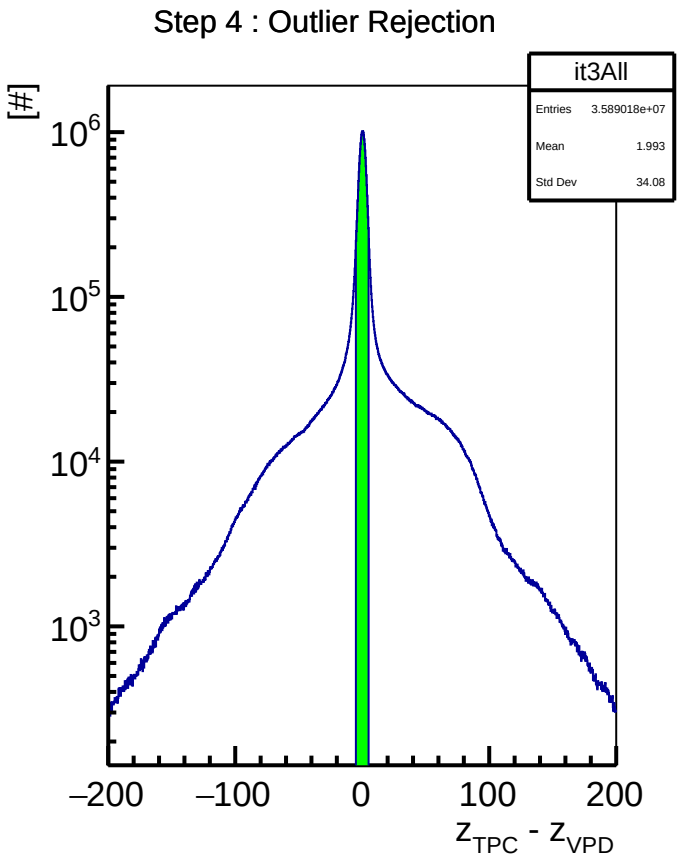


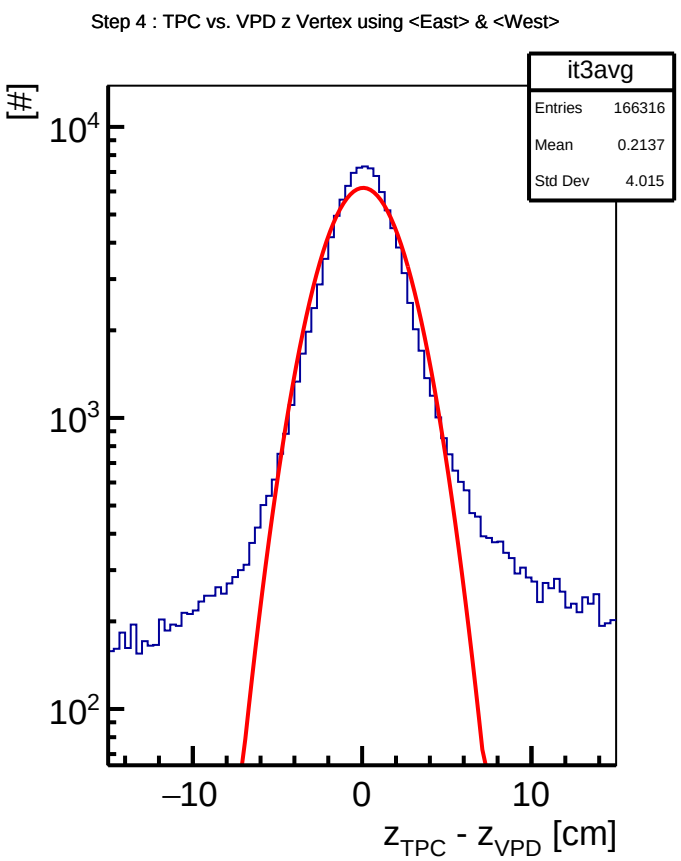
Step 3 : TPC vs. VPD z Vertex using <East> & <West>

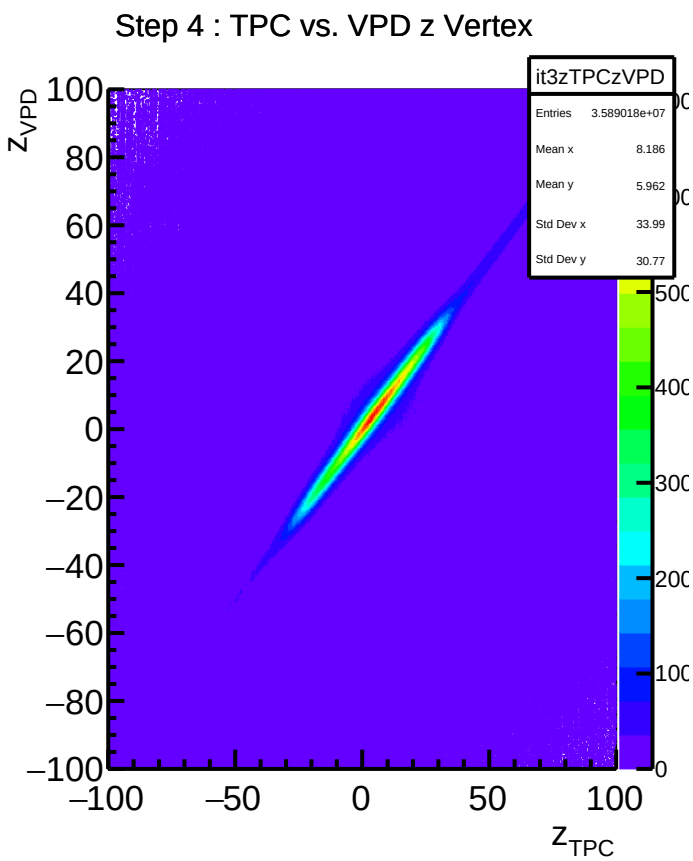


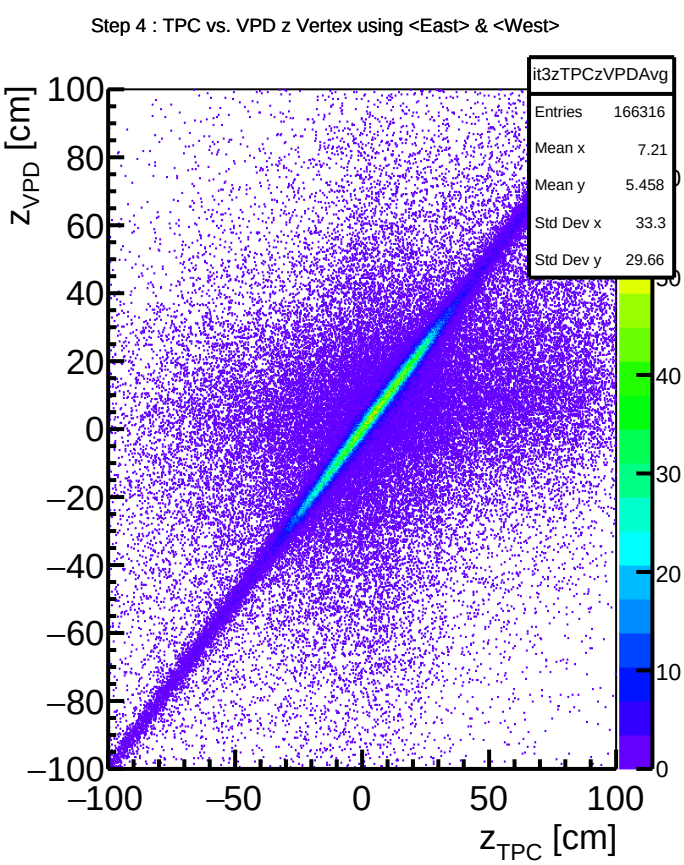

Step 3 : # of Accepted Detectors
[#]
East
West
10^6
10^5
0
2
4
6
8
10
12
14
16
18
# of Detectors

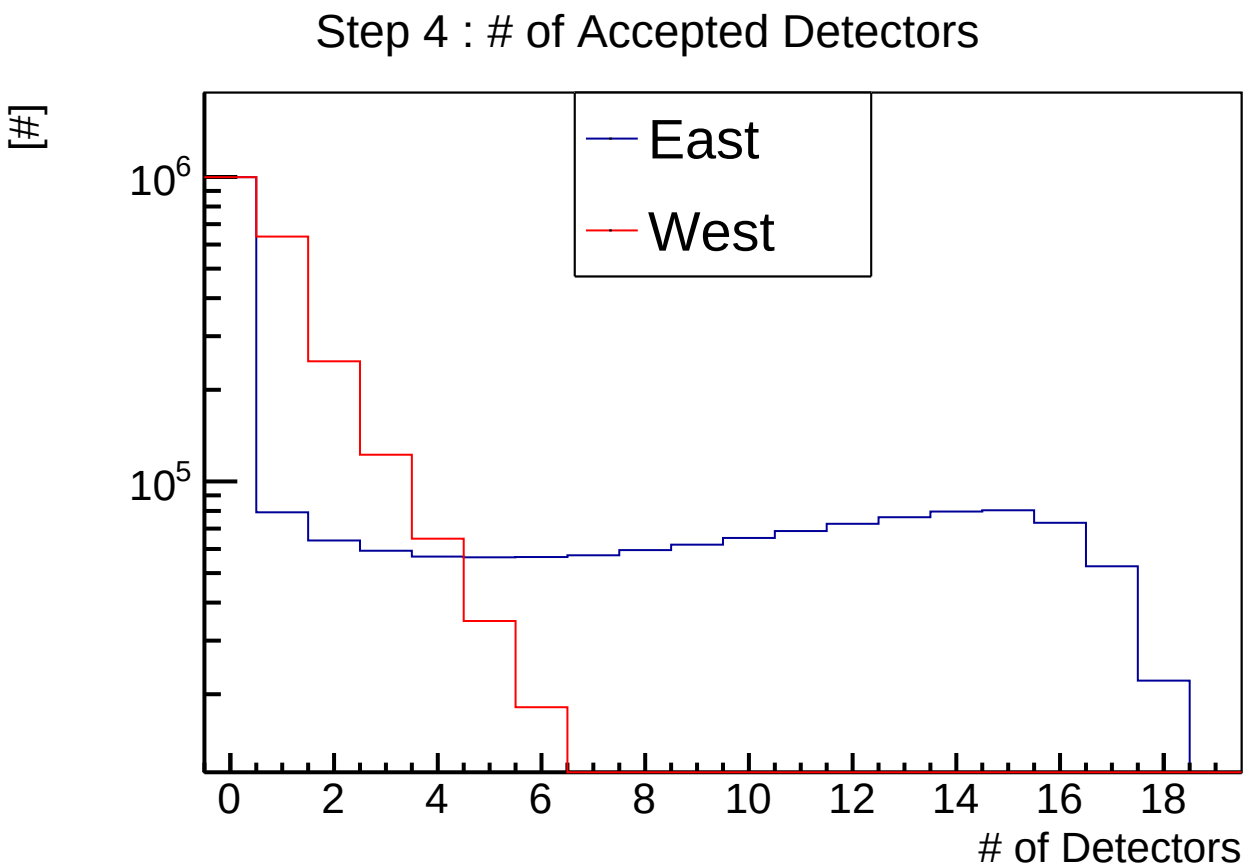

Step 3 : # of Valid Pairs
[#]
10^6
10^5
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120
140
160
180
200
220
# of Pairs

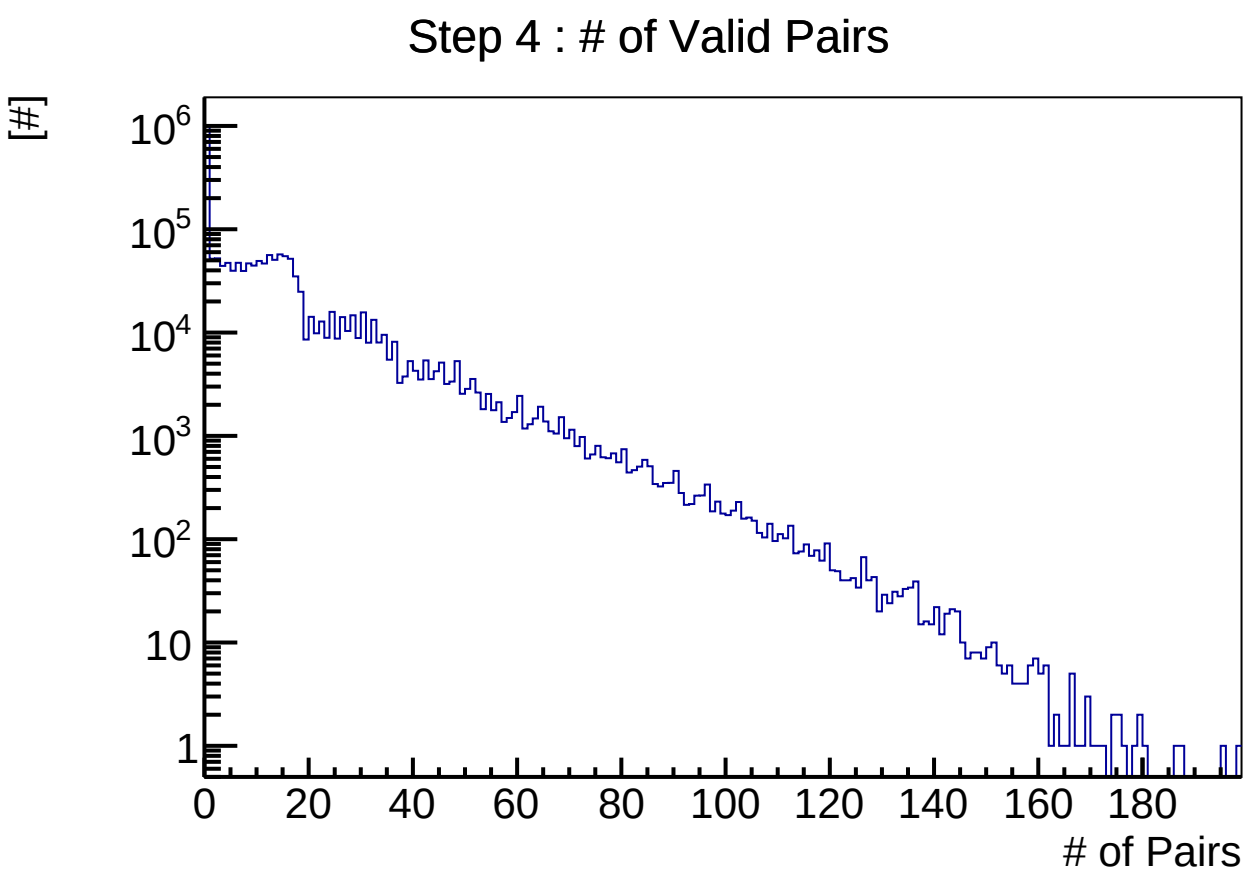

Step 4 : Outlier Rejection
it3All
Entries 3.589018e+07
Mean 1.993
Std Dev 34.08
[#]
10^6
10^5
10^4
10^3
–200
–100
0
100
200
z_{TPC} - z_{VPD}

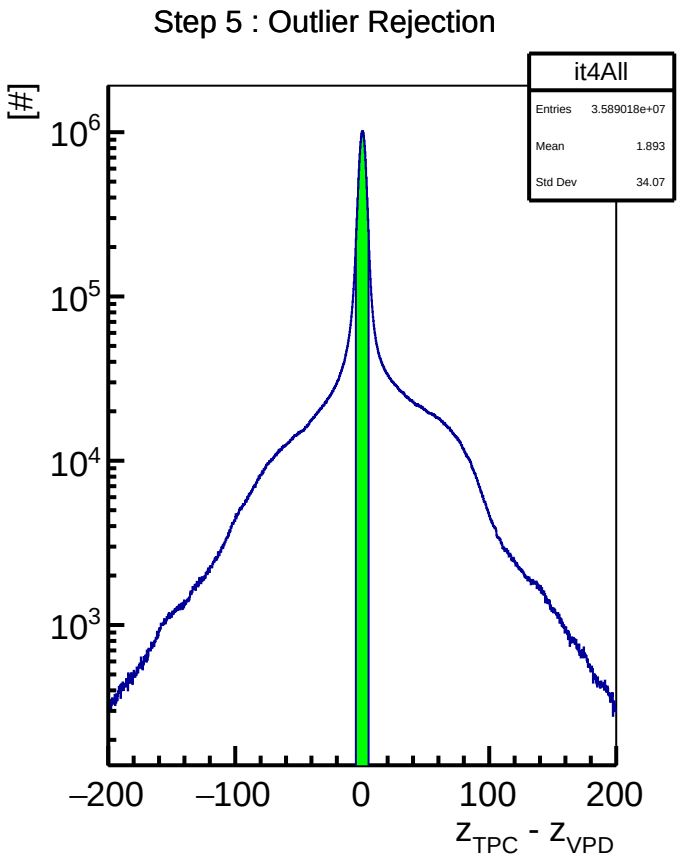

Step 4 : TPC vs. VPD z Vertex using <East> & <West>
it3avg
Entries 166316
Mean 0.2137
Std Dev 4.015
[#]
10^4
10^3
10^2
–10
0
10
z_{TPC} - z_{VPD} [cm]

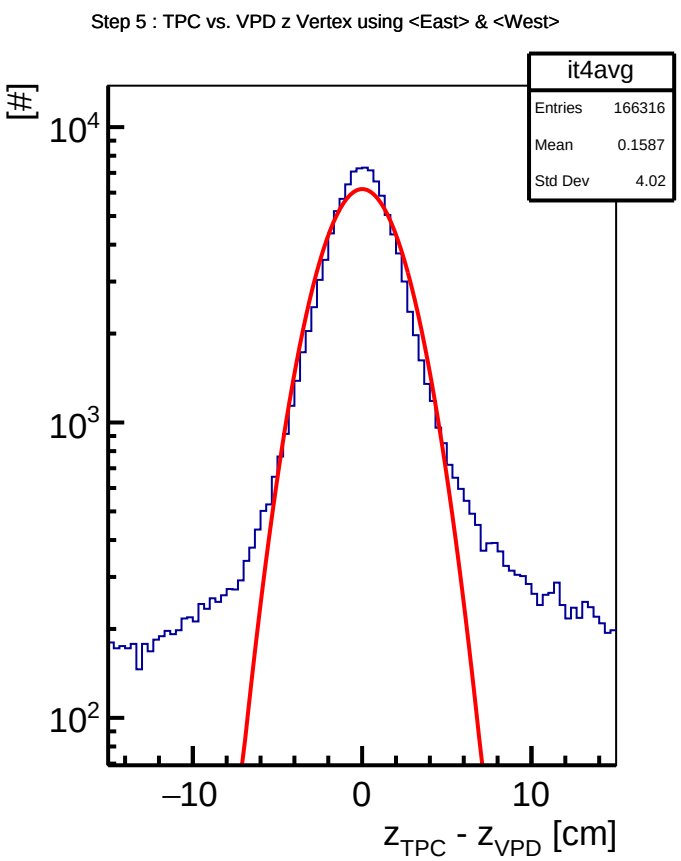

Step 4 : TPC vs. VPD z Vertex
it3zTPCzVPD
Entries 3.589018e+07
Mean x 8.186
Mean y 5.962
Std Dev x 33.99
Std Dev y 30.77
z_{VPD}
100
80
60
40
20
0
–20
–40
–60
–80
–100
–100
–50
0
50
100
z_{TPC}
500
400
300
200
100
0

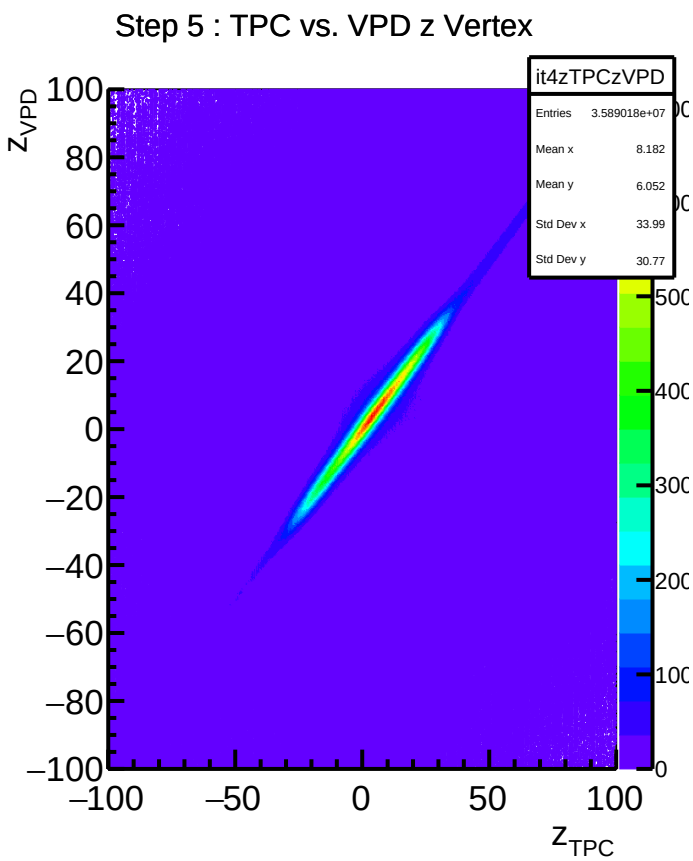

Step 4 : TPC vs. VPD z Vertex using <East> & <West>
it3zTPCzVPDAvg
Entries 166316
Mean x 7.21
Mean y 5.458
Std Dev x 33.3
Std Dev y 29.66
z_{VPD} [cm]
100
80
60
40
20
0
–20
–40
–60
–80
–100
–100
–50
0
50
100
z_{TPC} [cm]
40
30
20
10
0

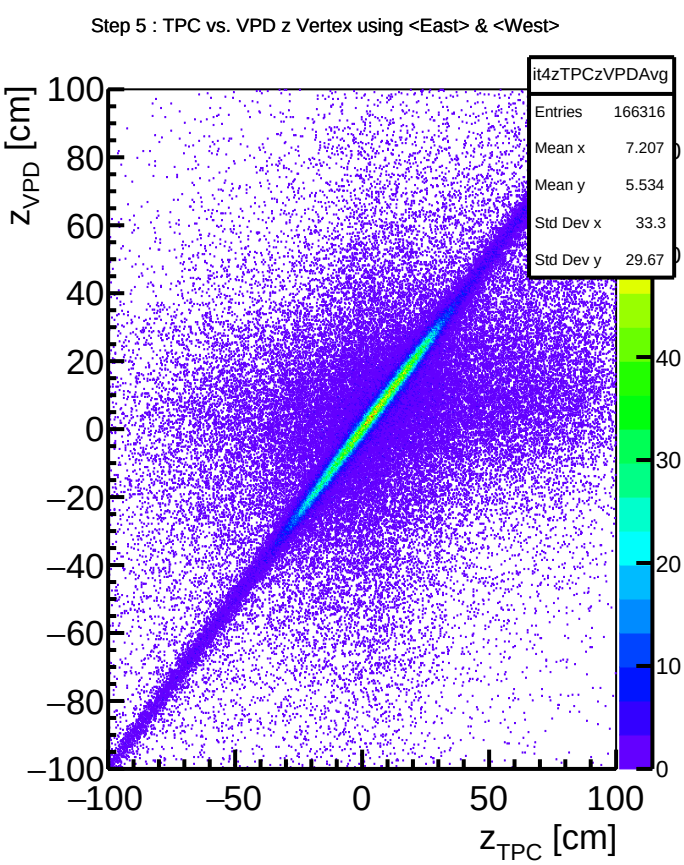

Step 4 : # of Accepted Detectors
[#]
East
West
10^6
10^5
0
2
4
6
8
10
12
14
16
18
# of Detectors

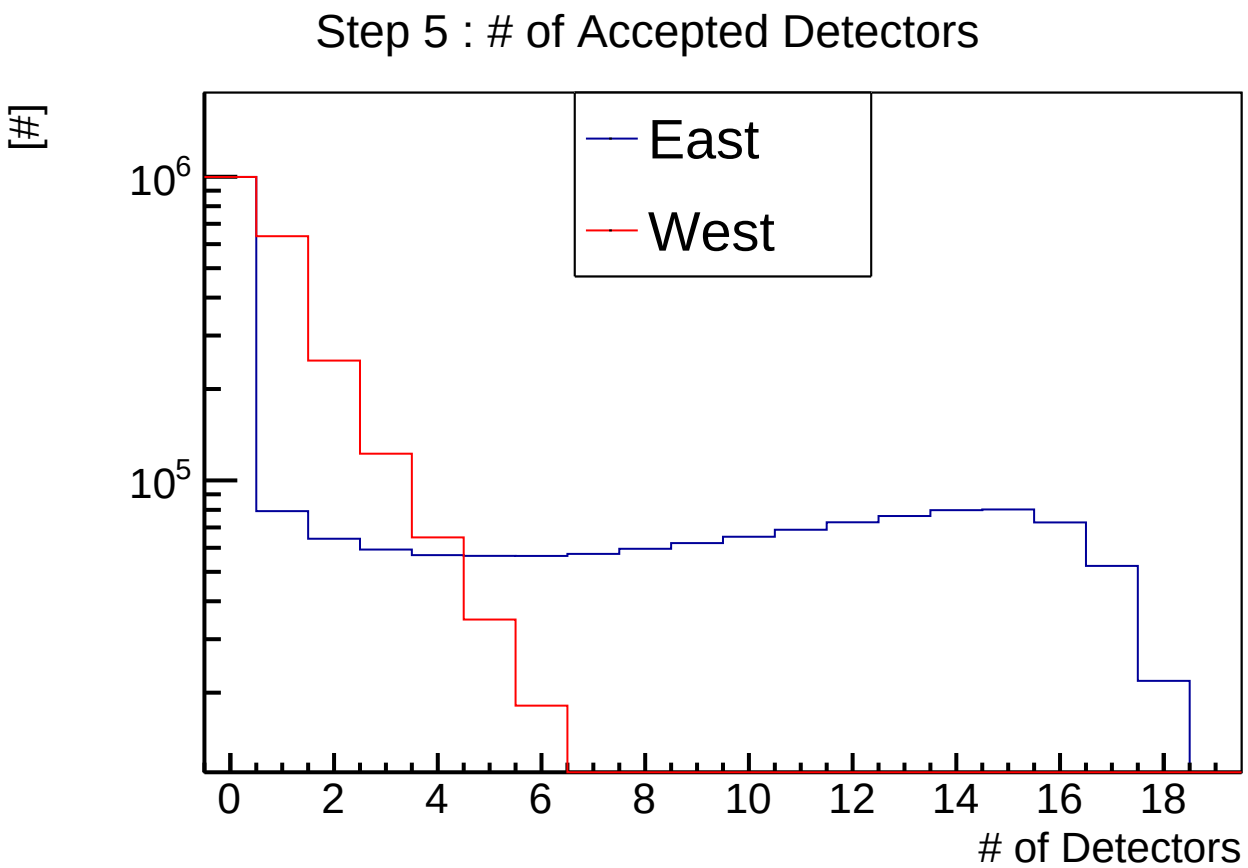

Step 4 : # of Valid Pairs
[#]
10^6
10^5
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120
140
160
180
# of Pairs

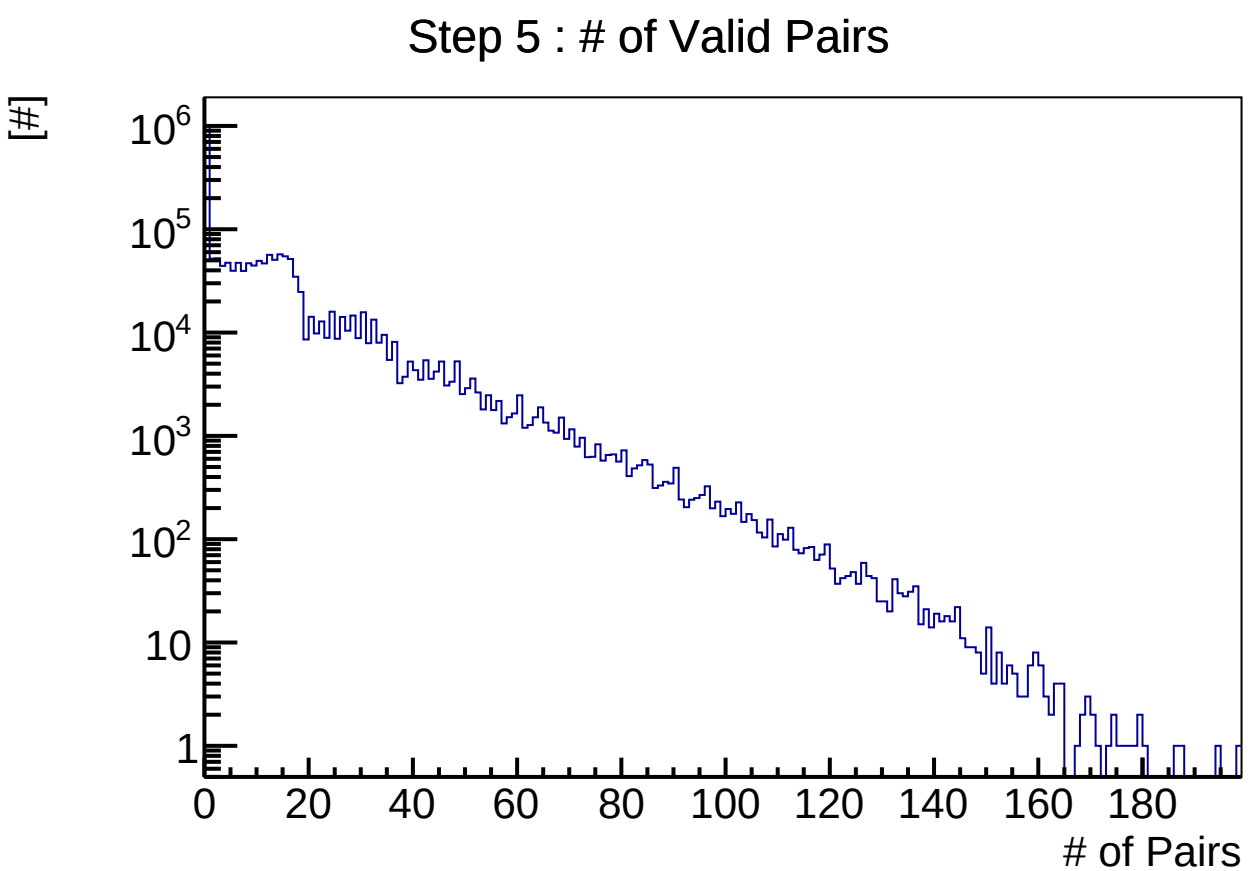

Step 5 : Outlier Rejection
it4All
Entries 3.589018e+07
Mean 1.893
Std Dev 34.07
[#]
10^6
10^5
10^4
10^3
–200
–100
0
100
200
z_{TPC} - z_{VPD}

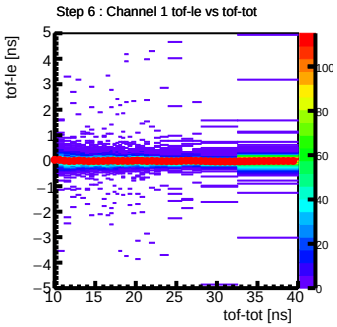

Step 5 : TPC vs. VPD z Vertex using <East> & <West>
it4avg
Entries 166316
Mean 0.1587
Std Dev 4.02
[#]
10^4
10^3
10^2
–10
0
10
z_{TPC} - z_{VPD} [cm]

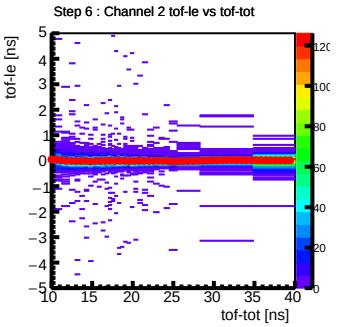

Step 5 : TPC vs. VPD z Vertex
it4zTPCzVPD
Entries 3.589018e+07
Mean x 8.182
Mean y 6.052
Std Dev x 33.99
Std Dev y 30.77
z_{VPD}
100
80
60
40
20
0
–20
–40
–60
–80
–100
–100
–50
0
50
100
z_{TPC}
500
400
300
200
100
0

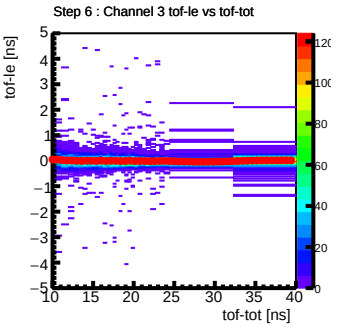

Step 5 : TPC vs. VPD z Vertex using <East> & <West>
it4zTPCzVPDAvg
Entries 166316
Mean x 7.207
Mean y 5.534
Std Dev x 33.3
Std Dev y 29.67
z_{VPD} [cm]
100
80
60
40
20
0
–20
–40
–60
–80
–100
–100
–50
0
50
100
z_{TPC} [cm]
40
30
20
10
0

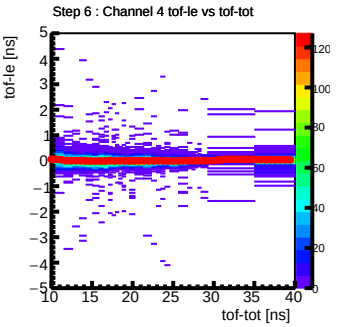

Step 5 : # of Accepted Detectors
[#]
East
West
10^6
10^5
0
2
4
6
8
10
12
14
16
18
# of Detectors

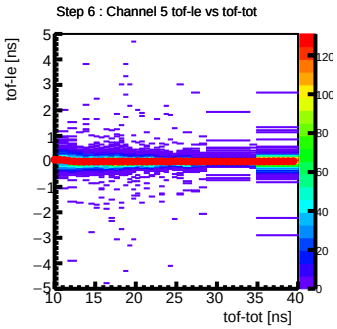

Step 5 : # of Valid Pairs
[#]
10^6
10^5
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120
140
160
180
# of Pairs

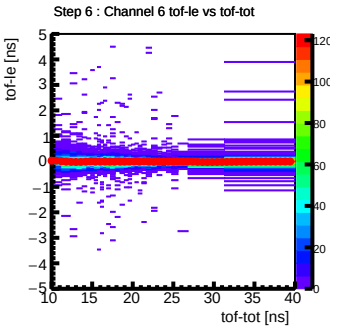

Step 6 : Channel 1 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

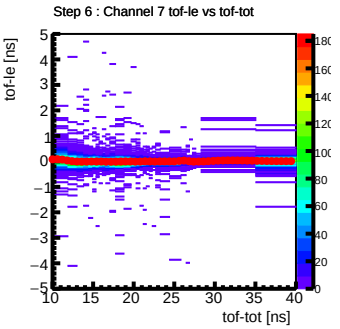

Step 6 : Channel 2 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

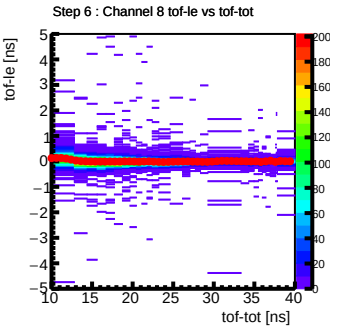

Step 6 : Channel 3 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

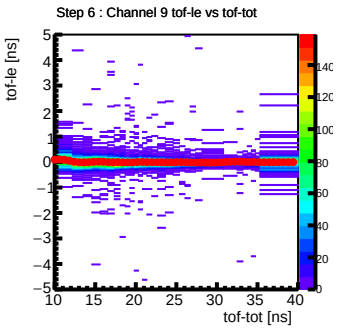

Step 6 : Channel 4 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

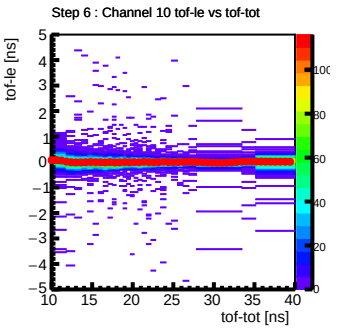

Step 6 : Channel 5 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

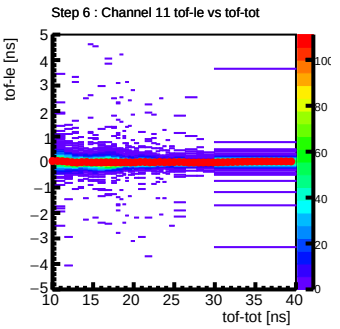

Step 6 : Channel 6 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

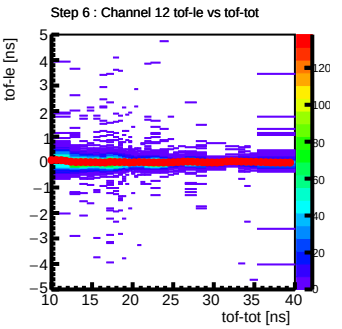

Step 6 : Channel 7 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

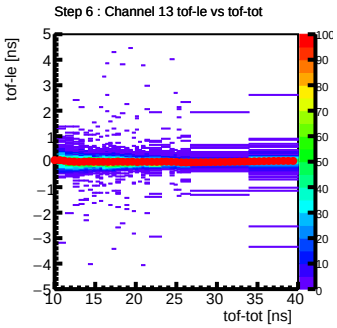

Step 6 : Channel 8 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

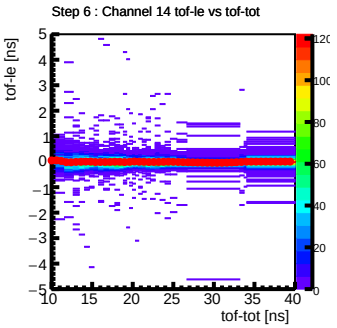

Step 6 : Channel 9 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

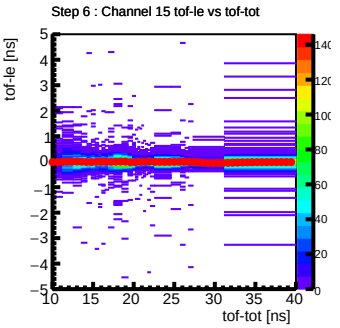

Step 6 : Channel 10 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

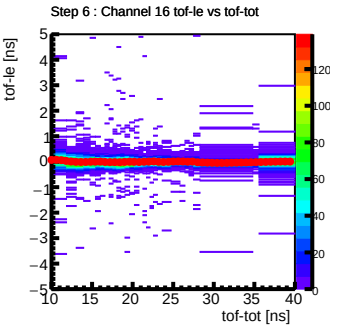

Step 6 : Channel 11 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

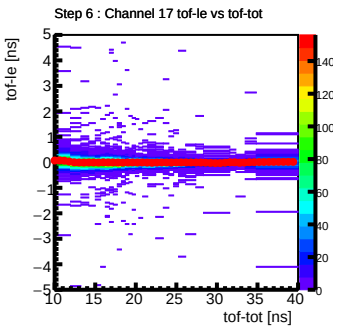

Step 6 : Channel 12 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

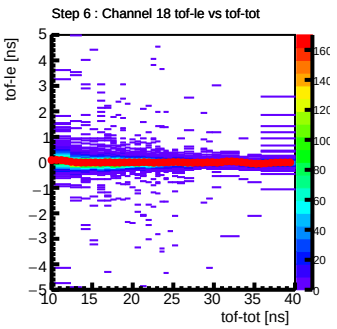

Step 6 : Channel 13 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

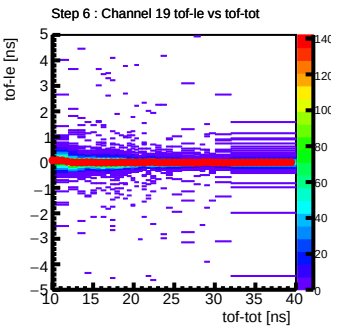

Step 6 : Channel 14 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

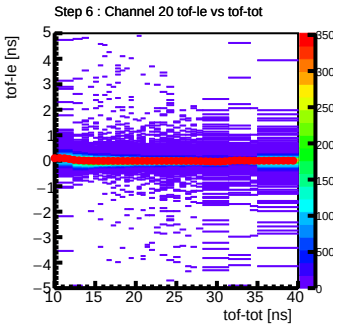

Step 6 : Channel 15 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

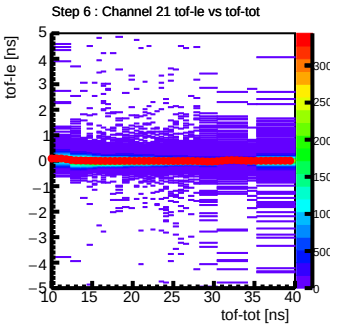

Step 6 : Channel 16 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

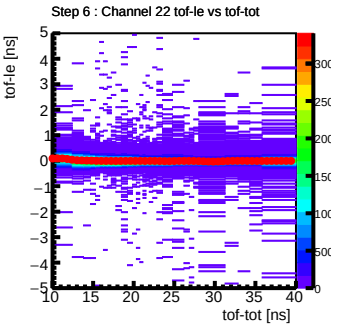

Step 6 : Channel 17 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

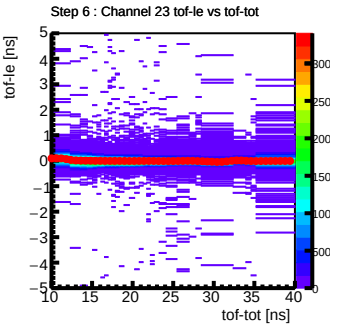

Step 6 : Channel 18 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

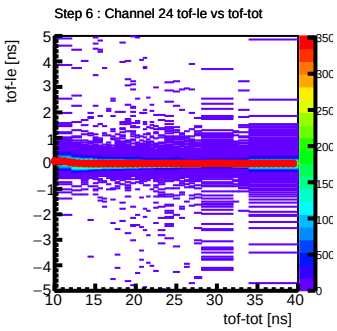

Step 6 : Channel 19 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

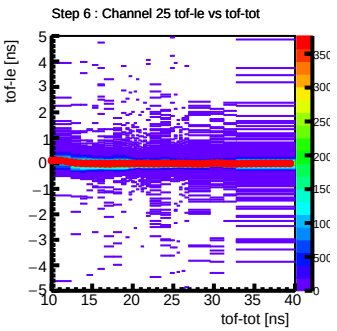

Step 6 : Channel 20 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

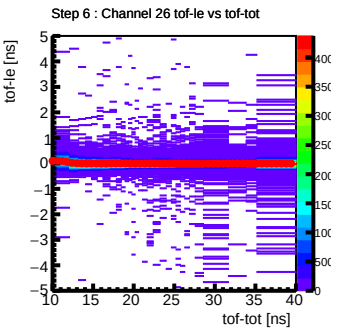

Step 6 : Channel 21 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

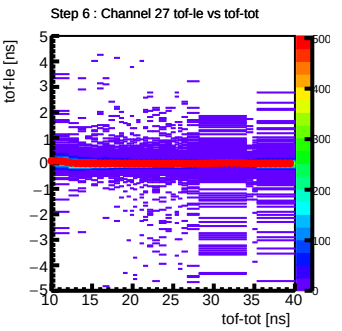

Step 6 : Channel 22 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

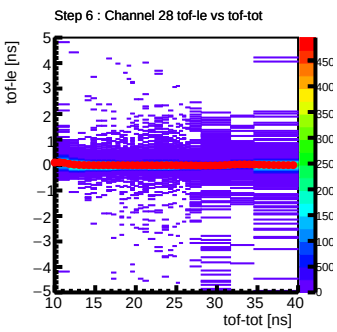

Step 6 : Channel 23 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

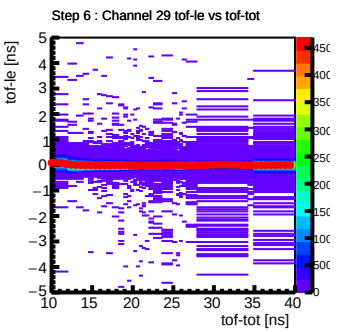

Step 6 : Channel 24 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

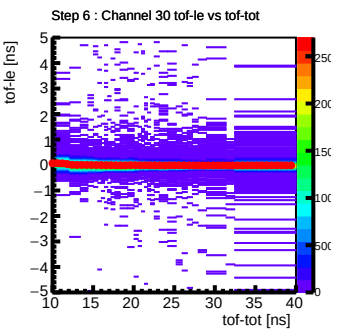

Step 6 : Channel 25 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

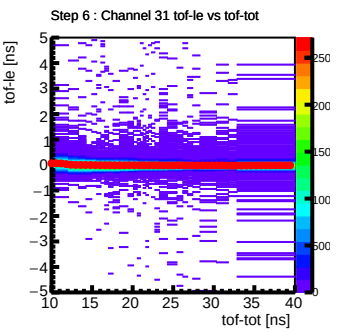

Step 6 : Channel 26 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

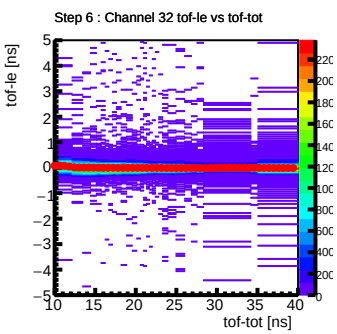

Step 6 : Channel 27 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

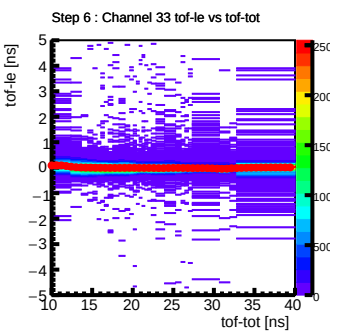

Step 6 : Channel 28 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

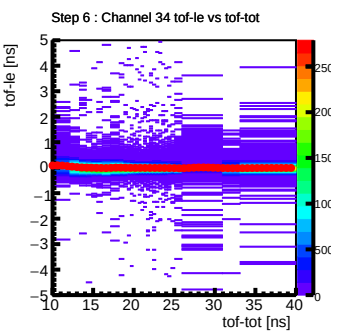

Step 6 : Channel 29 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

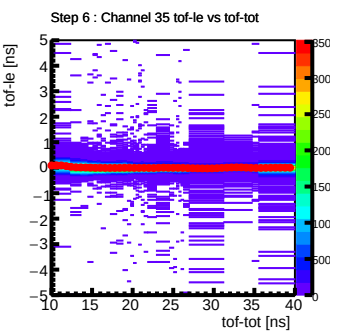

Step 6 : Channel 30 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

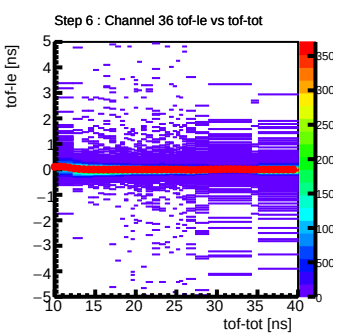

Step 6 : Channel 31 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

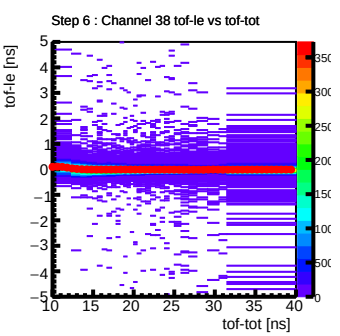

Step 6 : Channel 32 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

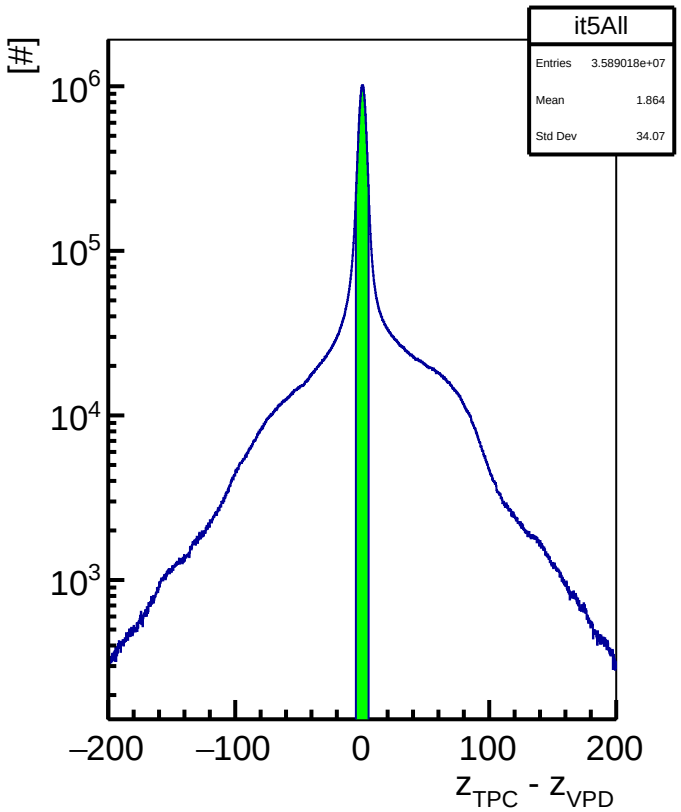

Step 6 : Channel 33 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

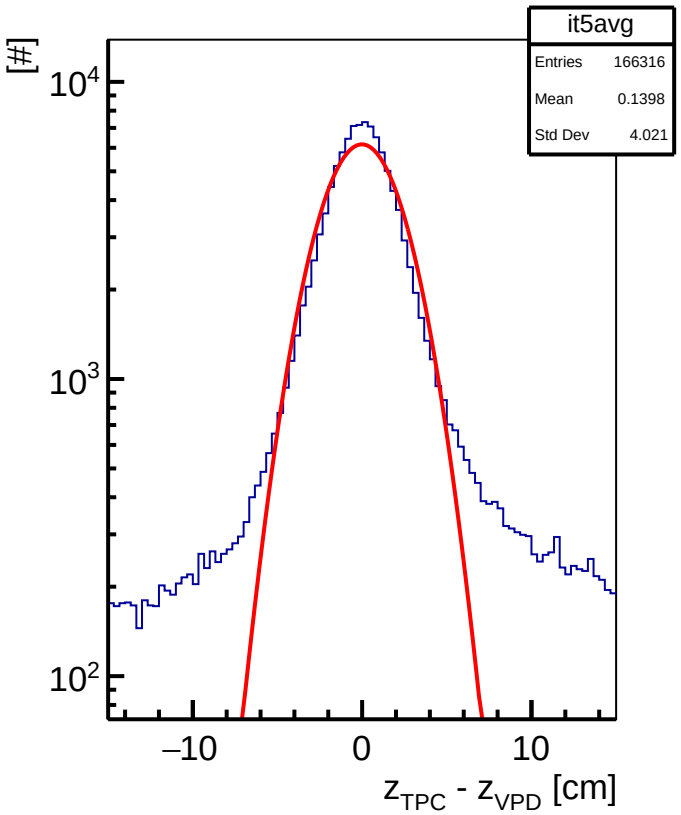

Step 6 : Channel 34 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

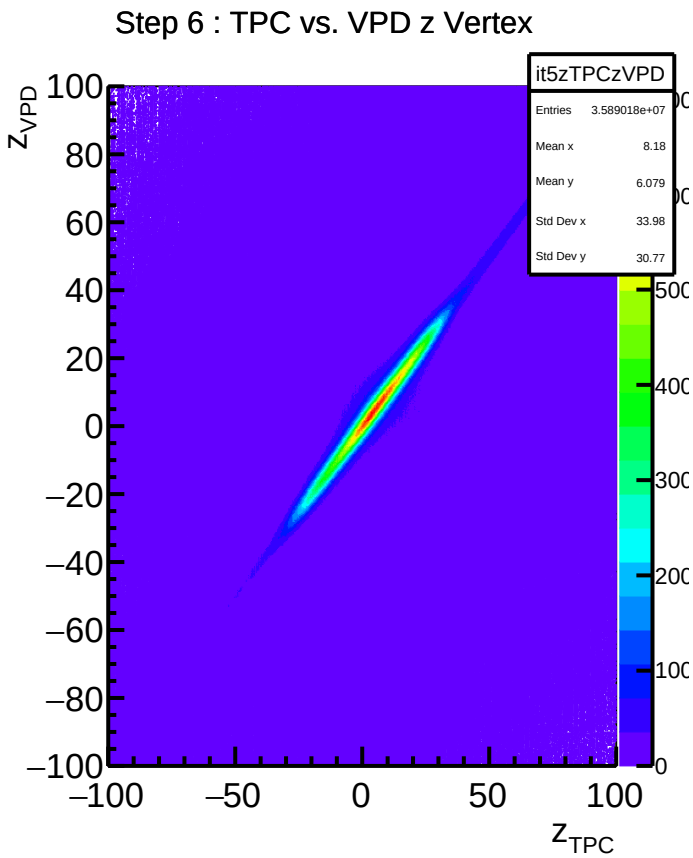

Step 6 : Channel 35 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

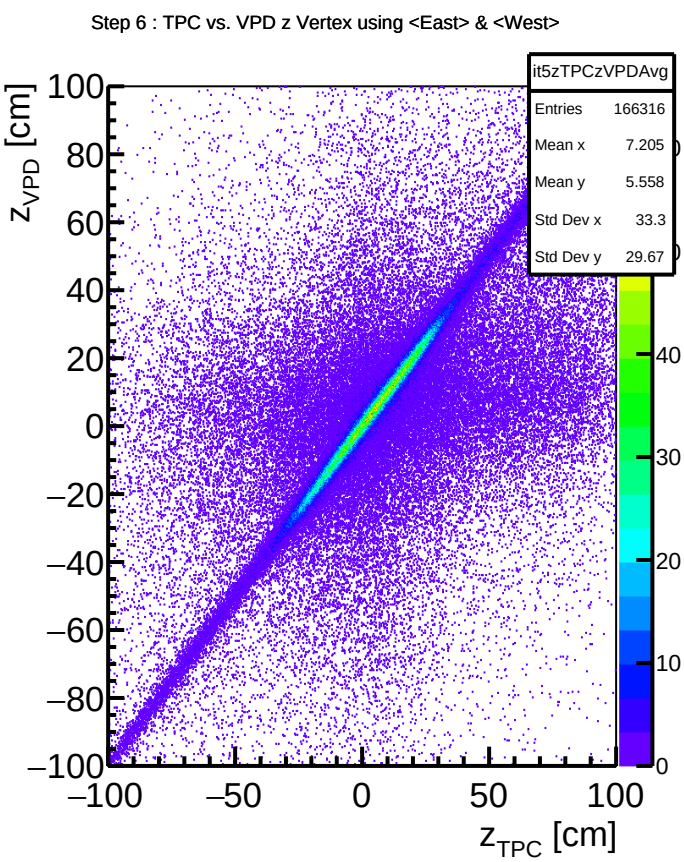

Step 6 : Channel 36 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]


Step 6 : Channel 38 tof-le vs tof-tot
tof-le [ns]
tof-tot [ns]

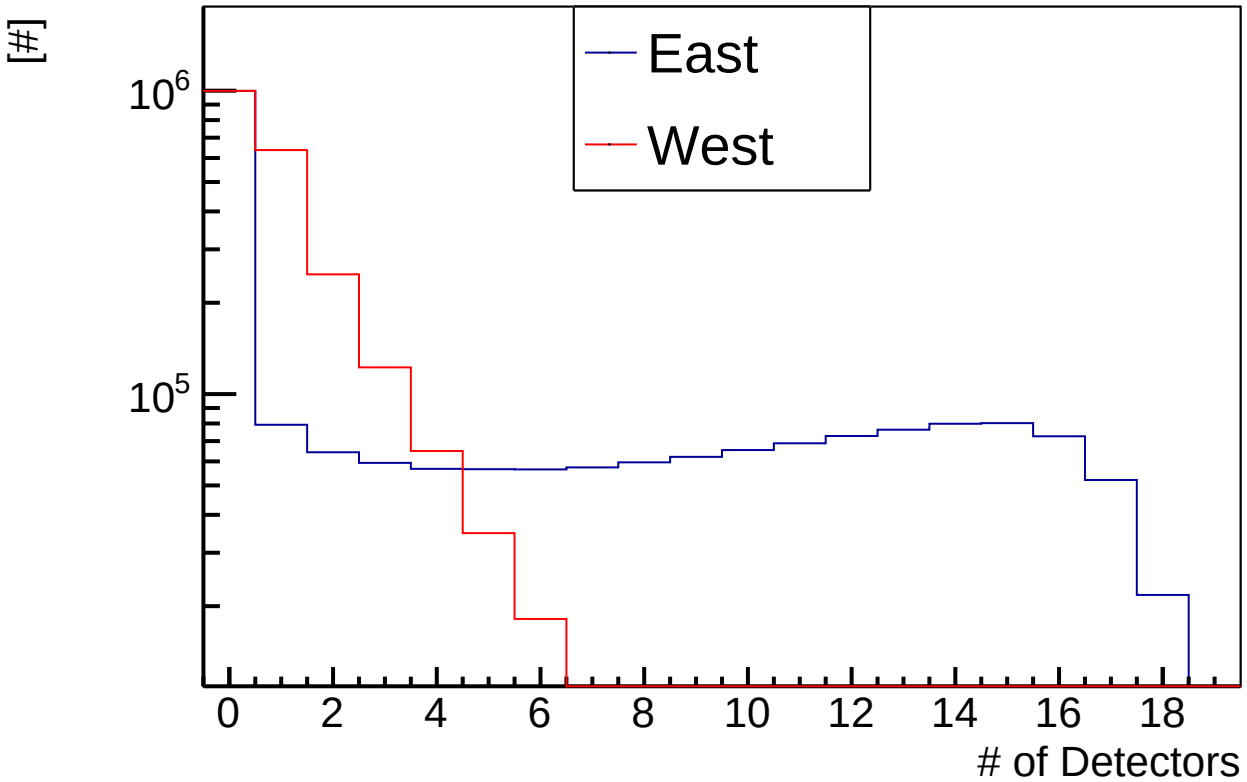

Step 6 : Outlier Rejection
it5All
Entries 3.589018e+07
Mean 1.864
Std Dev 34.07
[#]
10^6
10^5
10^4
10^3
–200
–100
0
100
200
z_{TPC} - z_{VPD}


Step 6 : TPC vs. VPD z Vertex using <East> & <West>
it5avg
Entries 166316
Mean 0.1398
Std Dev 4.021
[#]
10^4
10^3
10^2
–10
0
10
z_{TPC} - z_{VPD} [cm]

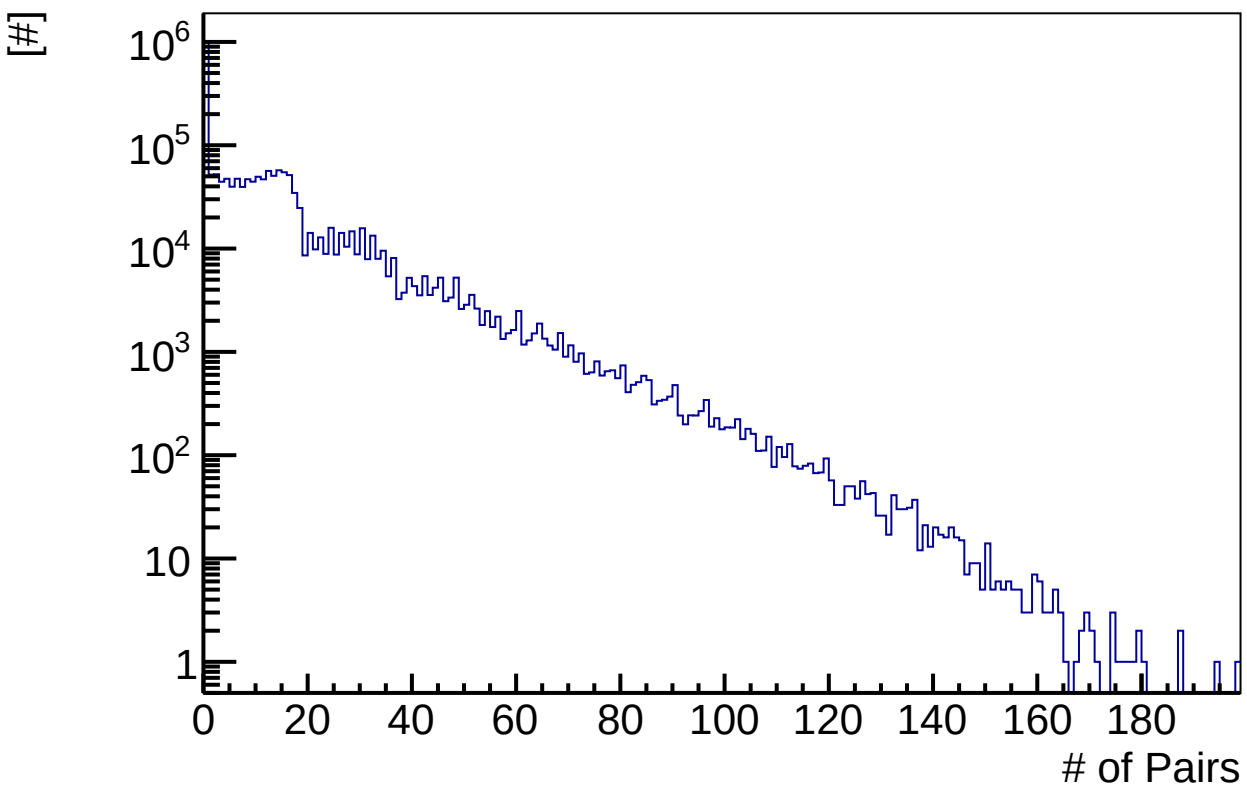

Step 6 : TPC vs. VPD z Vertex
it5zTPCzVPD
Entries 3.589018e+07
Mean x 8.18
Mean y 6.079
Std Dev x 33.98
Std Dev y 30.77
z_{VPD}
100
80
60
40
20
0
–20
–40
–60
–80
–100
–100
–50
0
50
100
z_{TPC}


Step 6 : TPC vs. VPD z Vertex using <East> & <West>
it5zTPCzVPDAvg
Entries 166316
Mean x 7.205
Mean y 5.558
Std Dev x 33.3
Std Dev y 29.67
z_{VPD} [cm]
100
80
60
40
20
0
–20
–40
–60
–80
–100
–100
–50
0
50
100
z_{TPC} [cm]

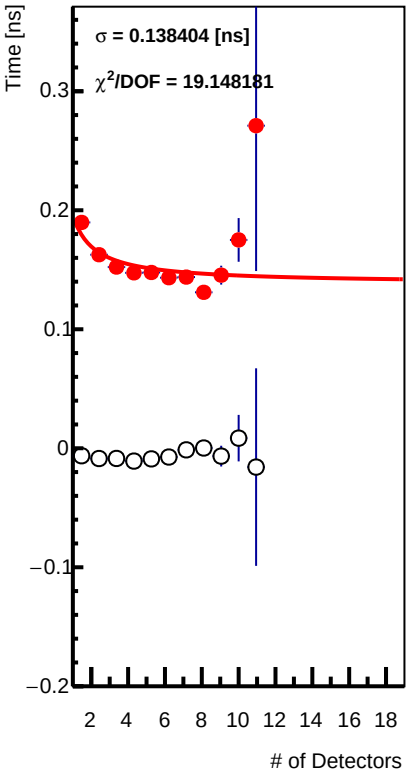
Step 6 : # of Accepted Detectors



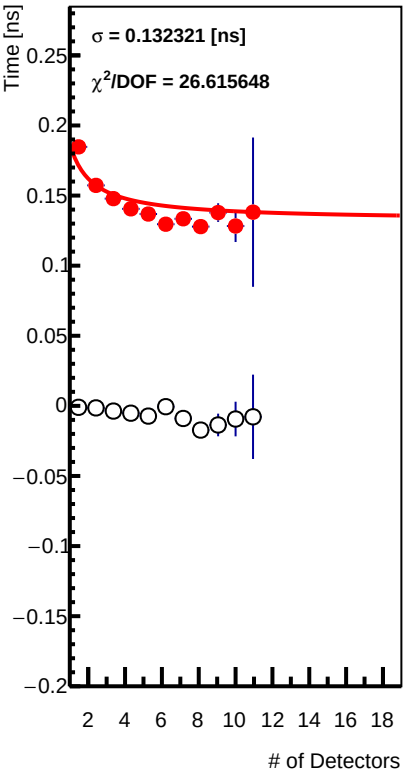
Step 6 : # of Valid Pairs



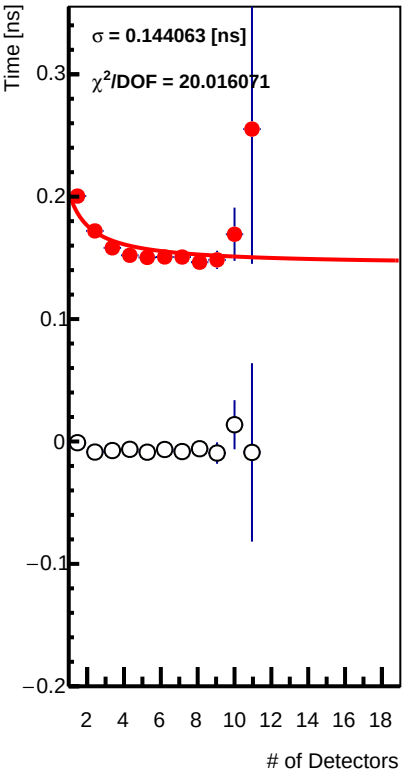
Detector # 0 Resolution Fit



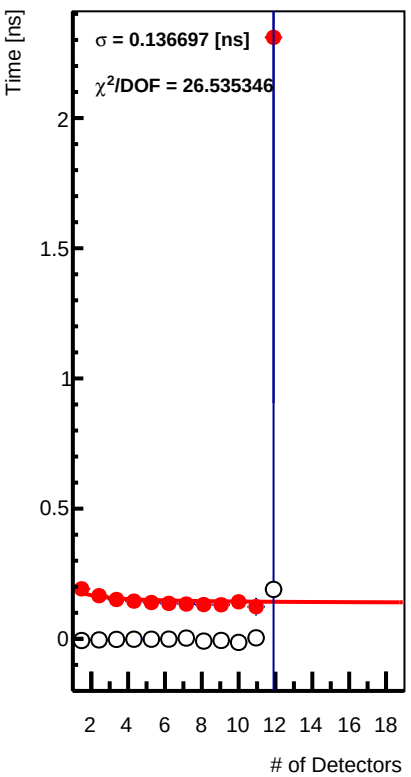
Detector # 1 Resolution Fit



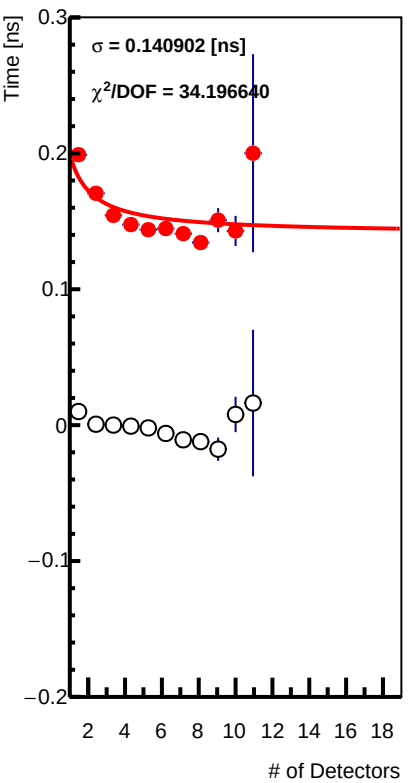
Detector # 2 Resolution Fit



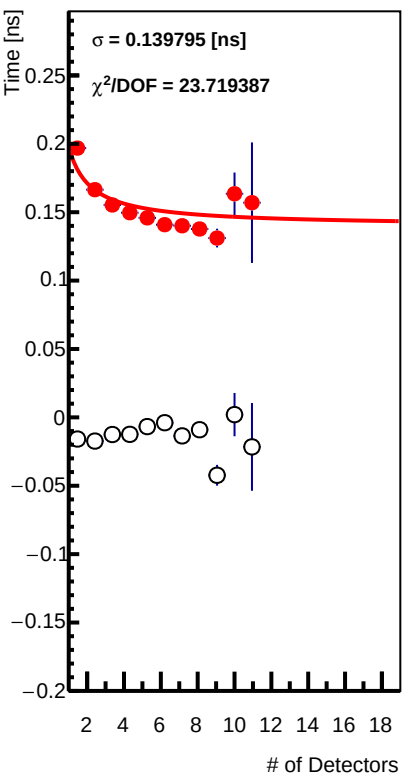
Detector # 3 Resolution Fit



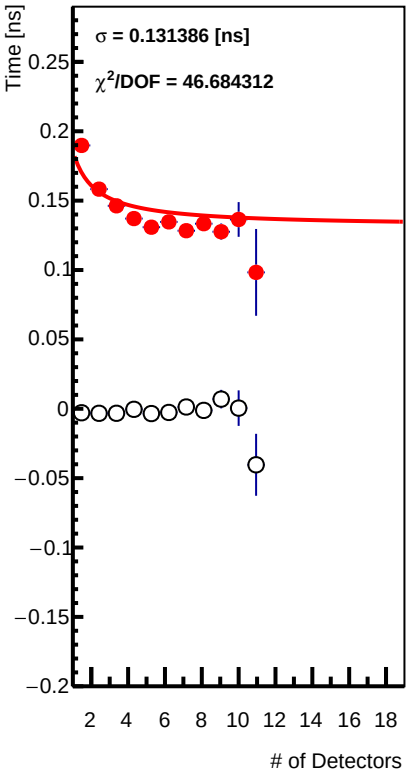
Detector # 4 Resolution Fit



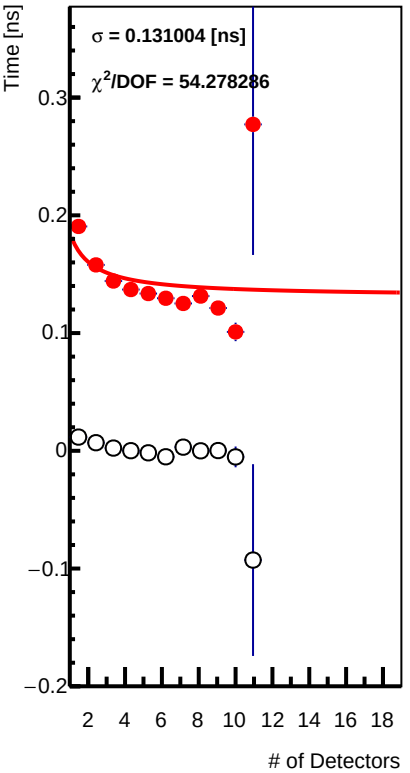
Detector # 5 Resolution Fit



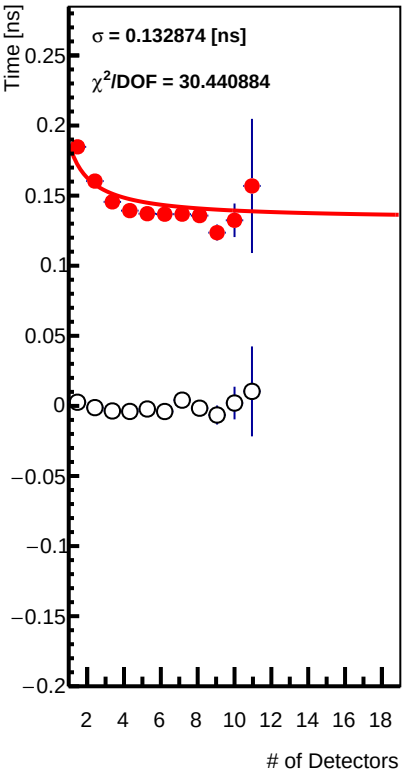
Detector # 6 Resolution Fit



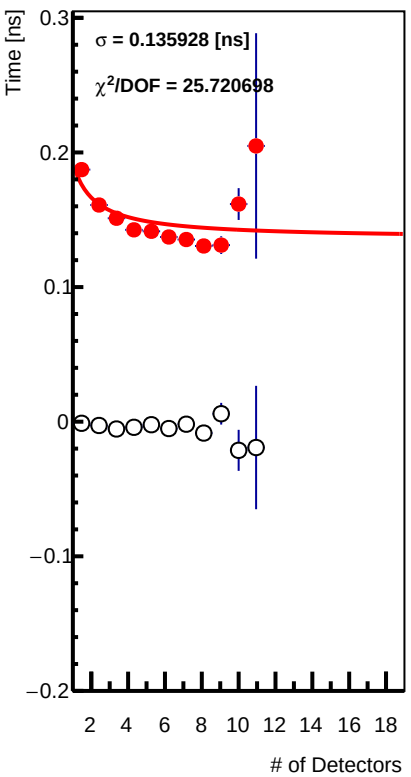
Detector # 7 Resolution Fit



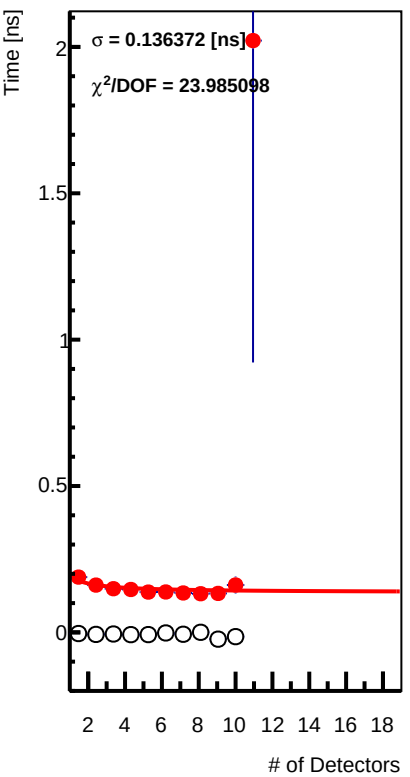
Detector # 8 Resolution Fit



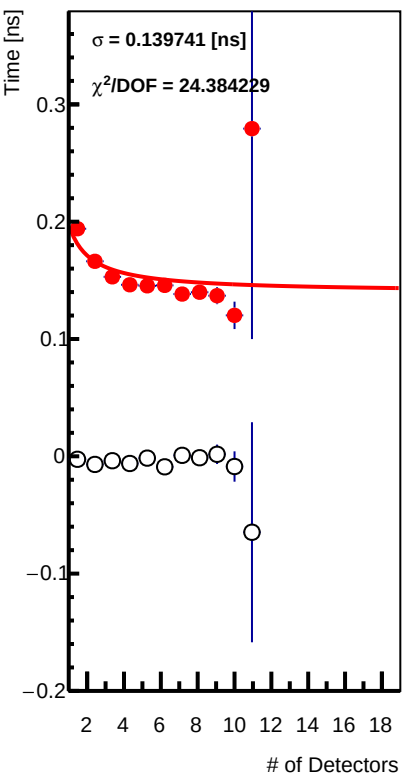
Detector # 9 Resolution Fit



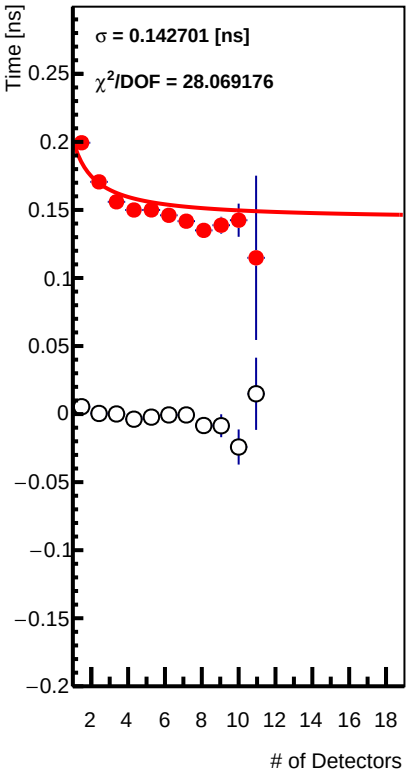
Detector # 10 Resolution Fit



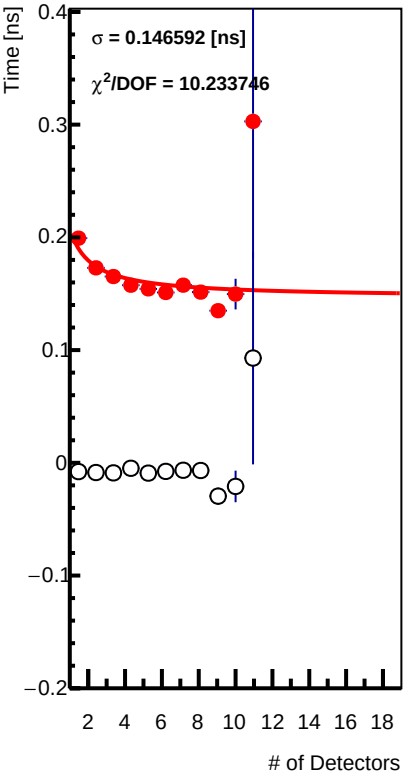
Detector # 11 Resolution Fit



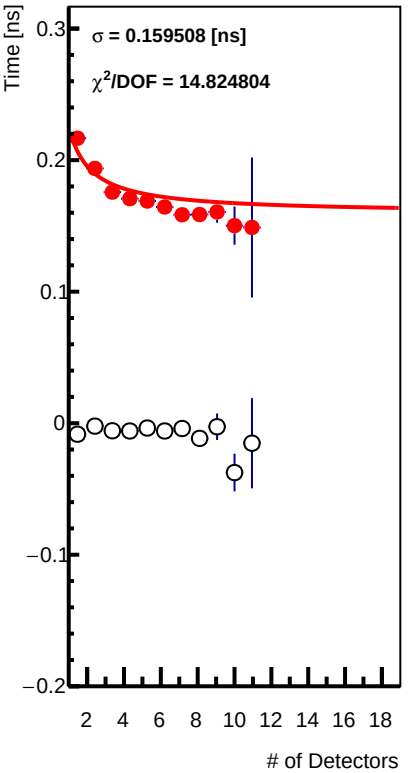
Detector # 12 Resolution Fit



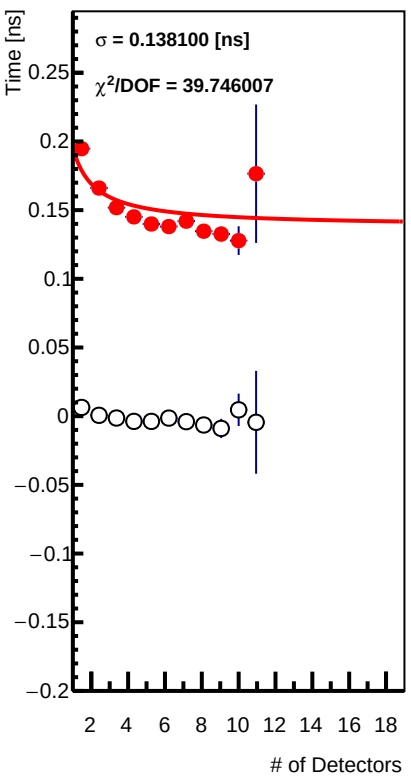
Detector # 13 Resolution Fit



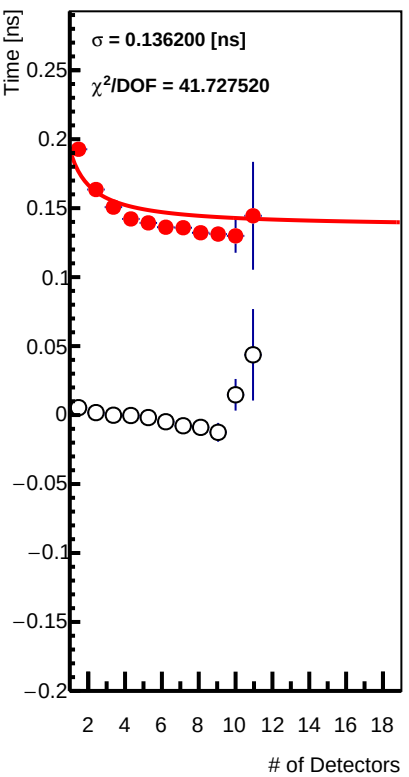
Detector # 14 Resolution Fit



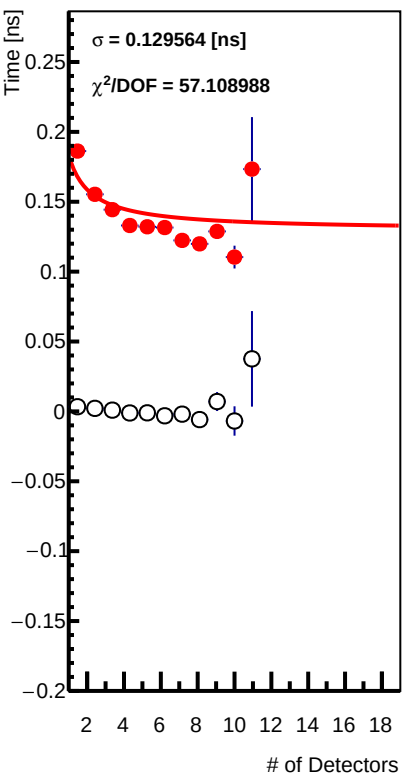
Detector # 15 Resolution Fit



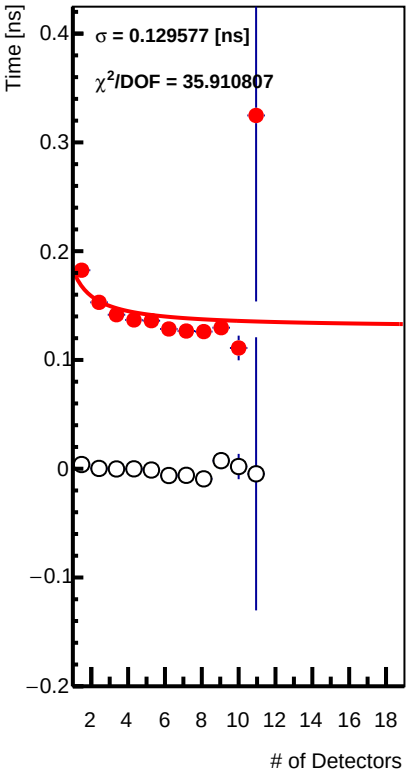
Detector # 16 Resolution Fit



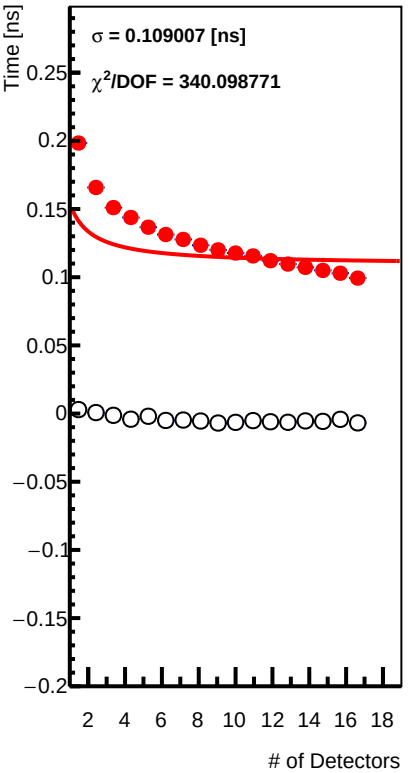
Detector # 17 Resolution Fit



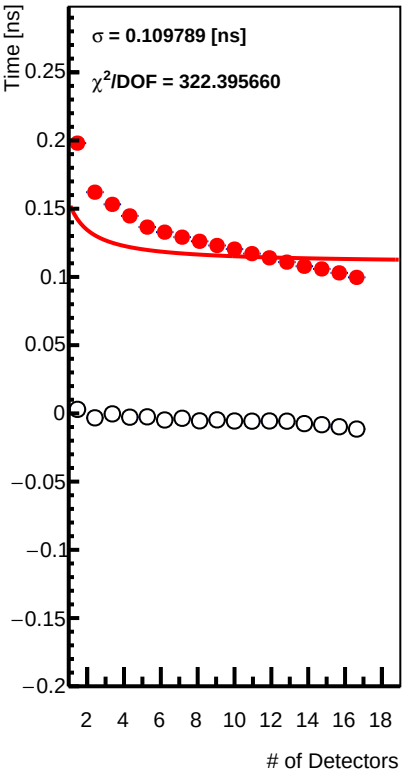
Detector # 18 Resolution Fit



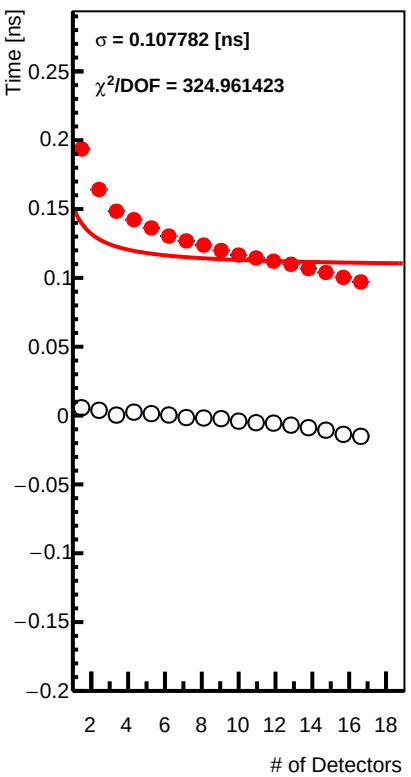
Detector # 19 Resolution Fit



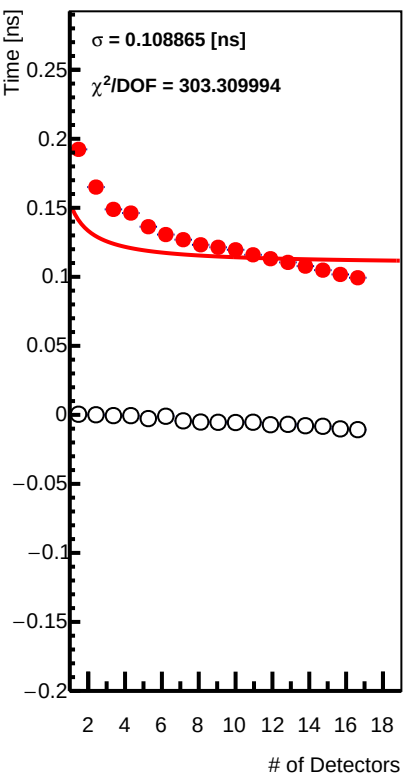
Detector # 20 Resolution Fit



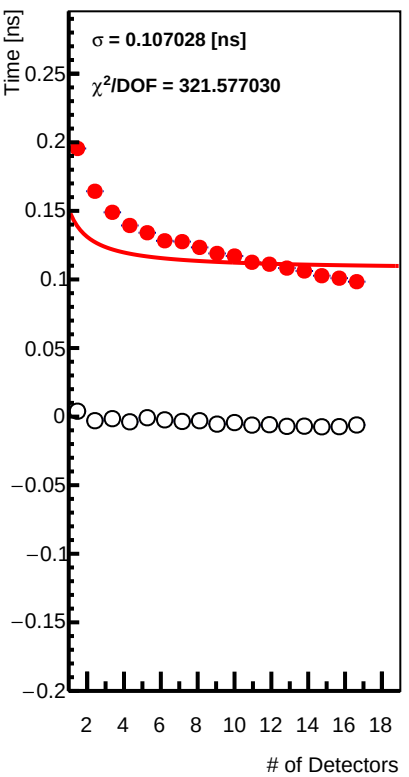
Detector # 21 Resolution Fit



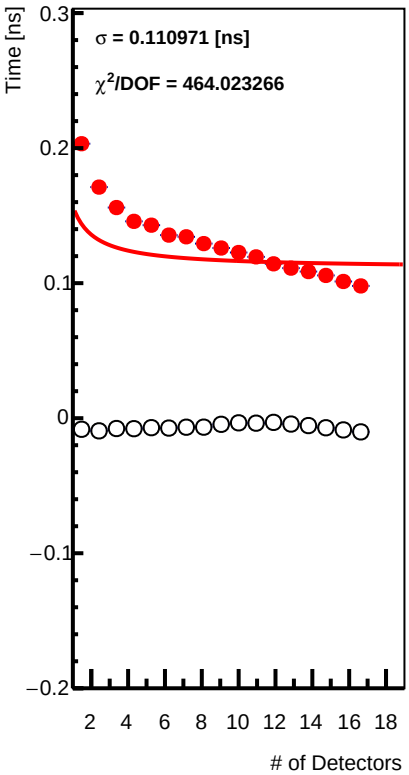
Detector # 22 Resolution Fit



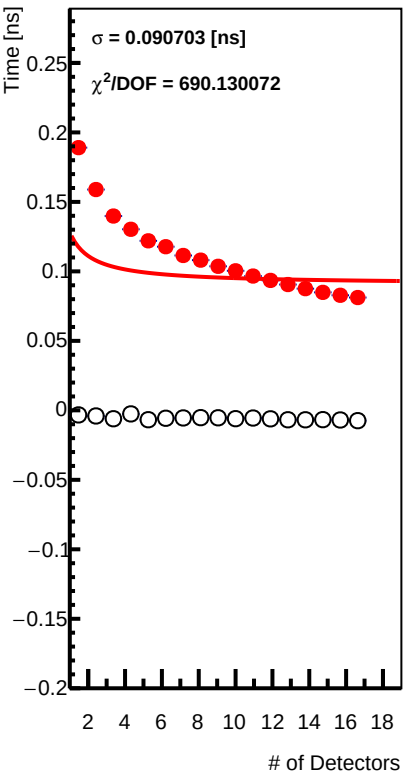
Detector # 23 Resolution Fit



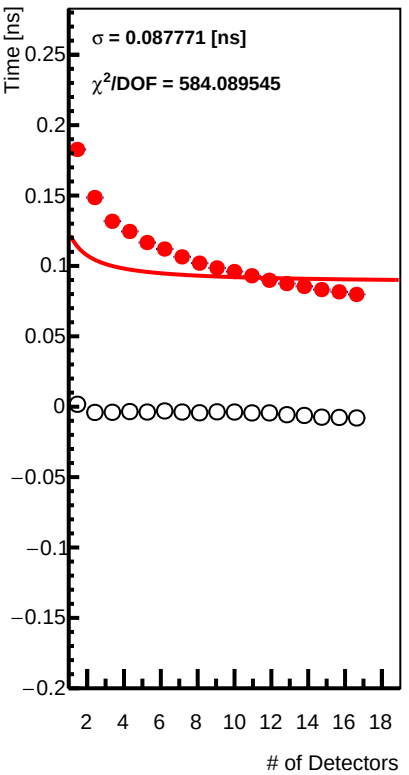
Detector # 24 Resolution Fit



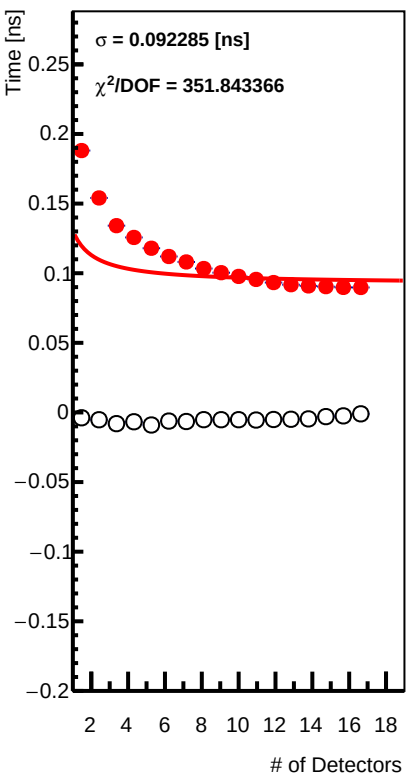
Detector # 25 Resolution Fit



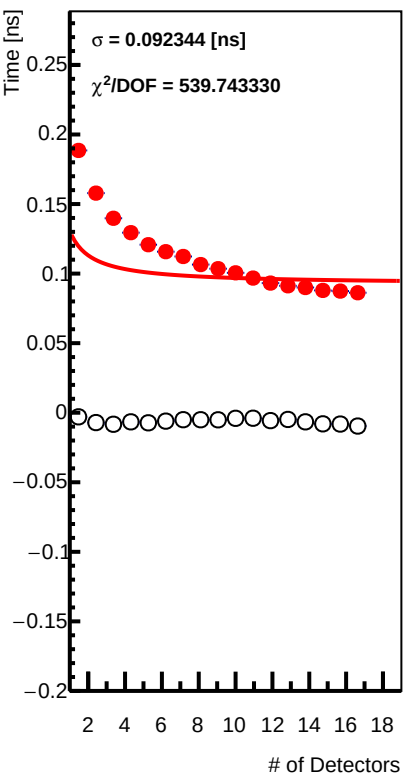
Detector # 26 Resolution Fit



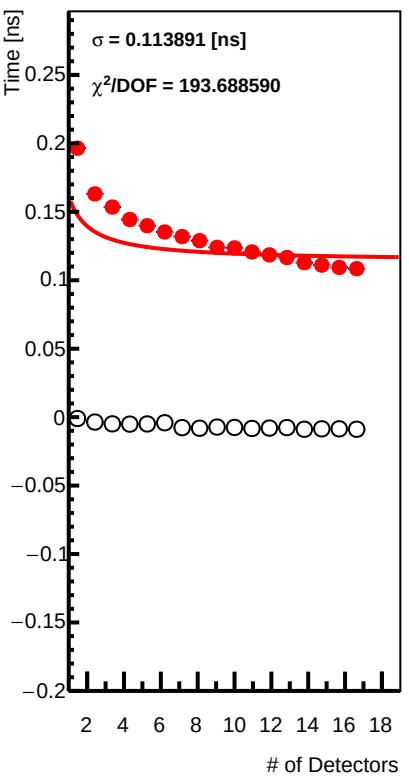
Detector # 27 Resolution Fit



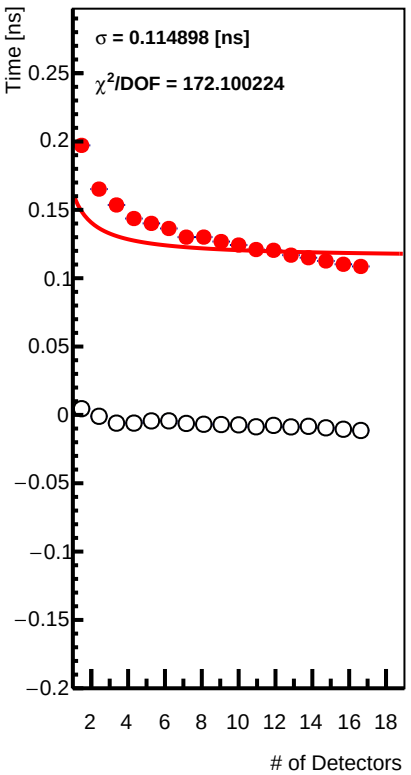
Detector # 28 Resolution Fit



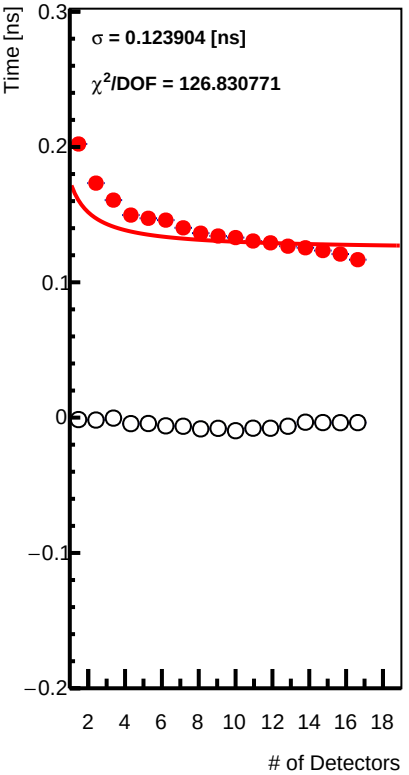
Detector # 29 Resolution Fit



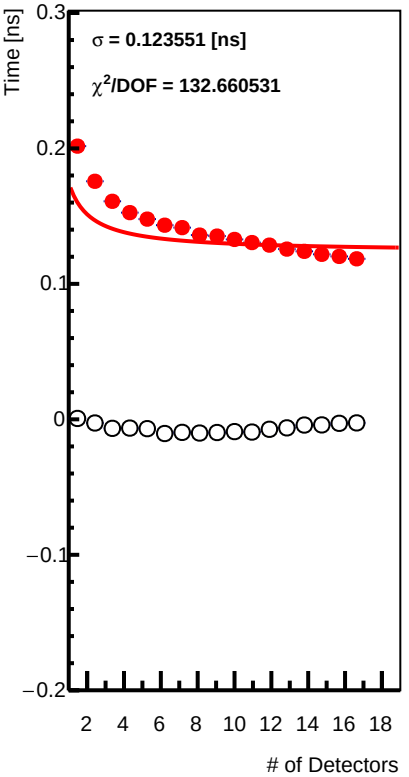
Detector # 30 Resolution Fit



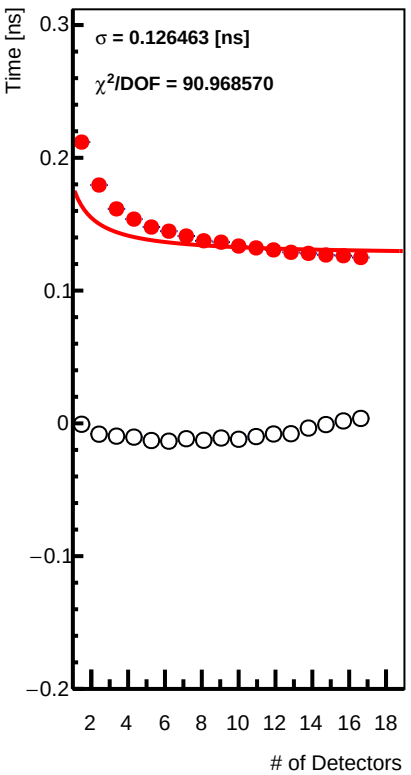
Detector # 31 Resolution Fit



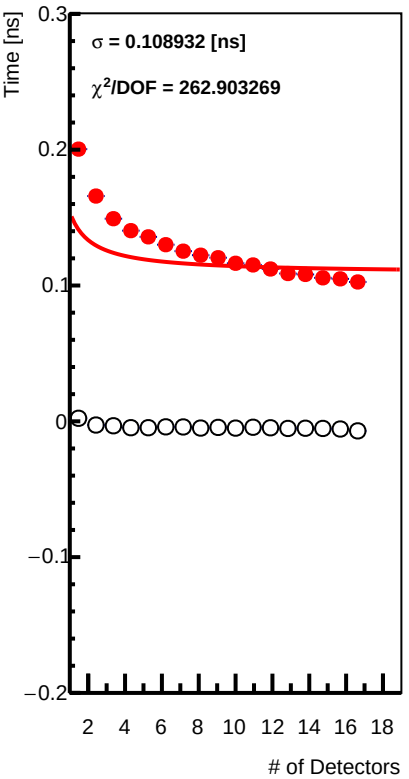
Detector # 32 Resolution Fit



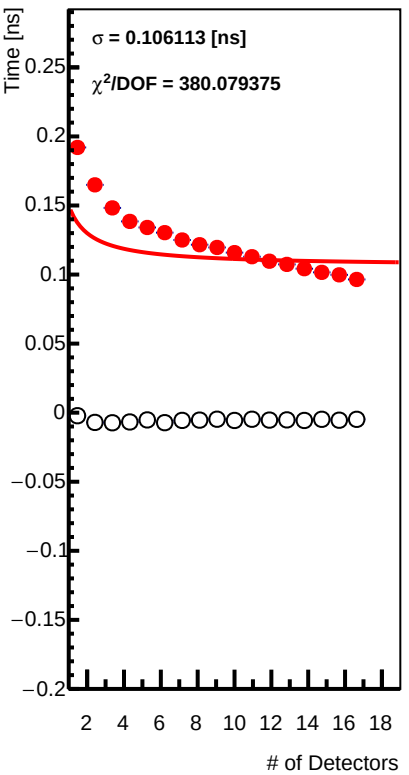
Detector # 33 Resolution Fit



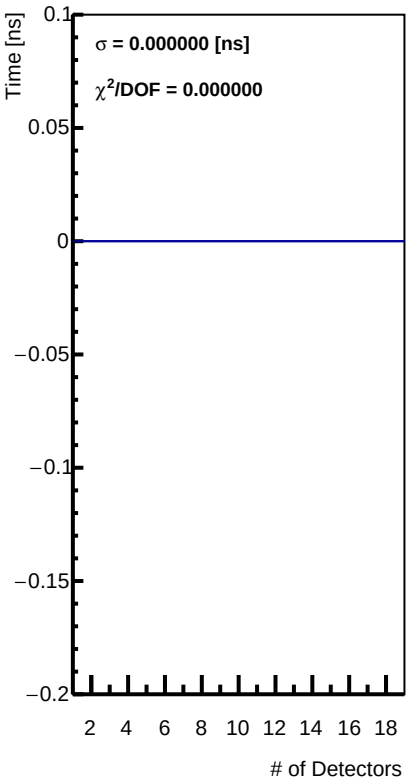
Detector # 34 Resolution Fit



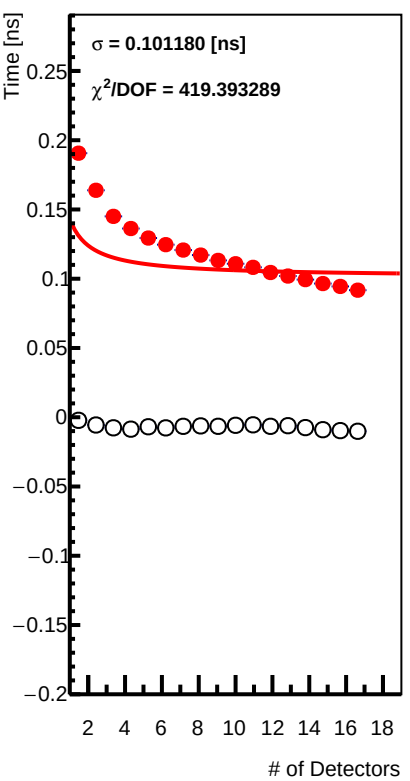
Detector # 35 Resolution Fit

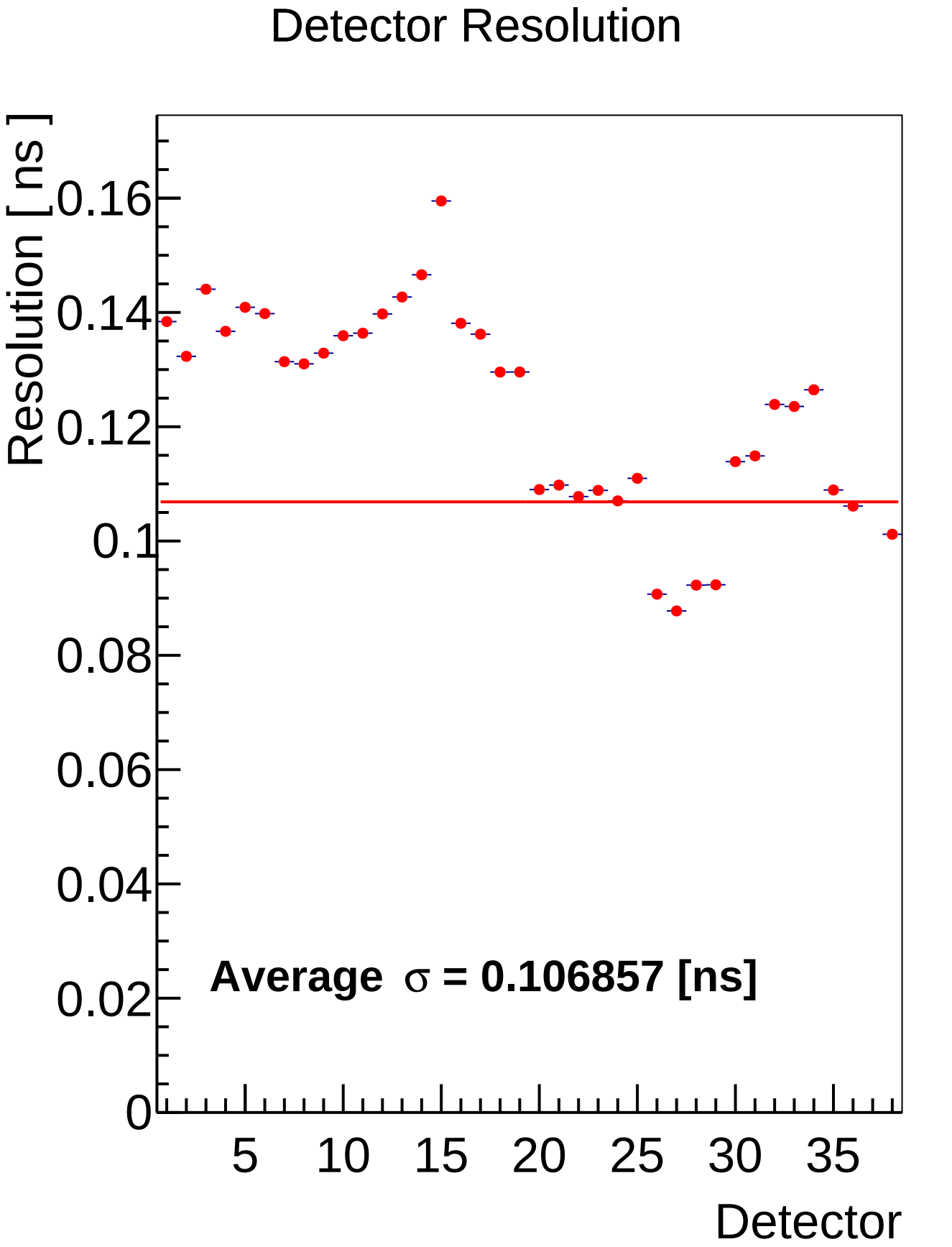


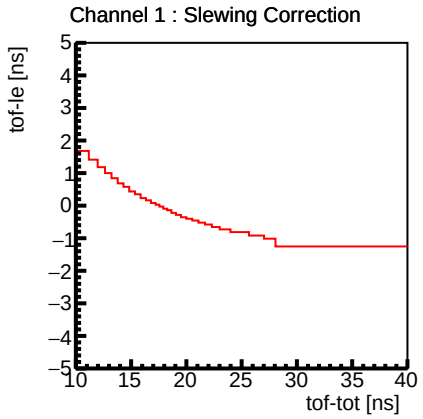
Detector # 36 Resolution Fit

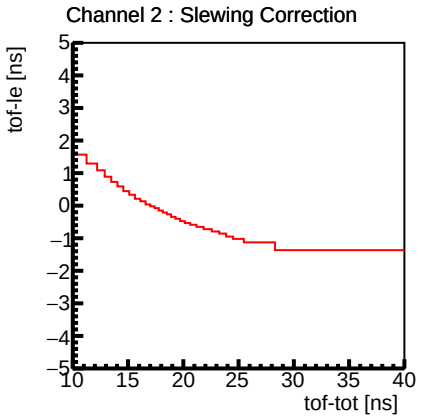


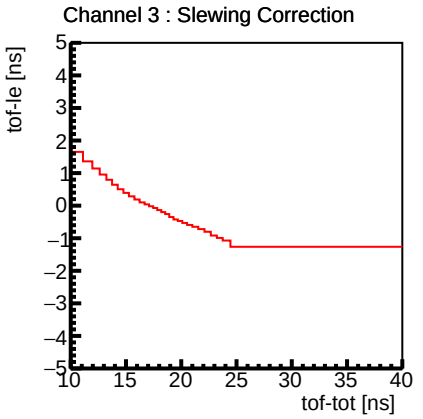
Detector # 37 Resolution Fit

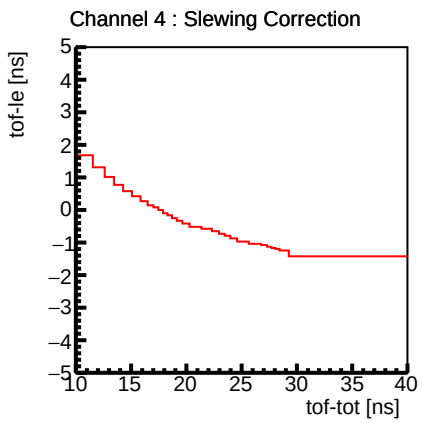


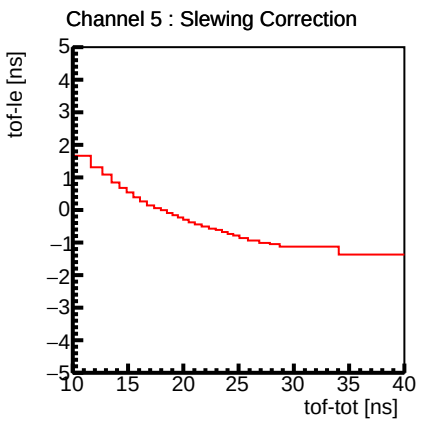

Detector Resolution
Resolution [ns]
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Average σ = 0.106857 [ns]
5
10
15
20
25
30
35
Detector

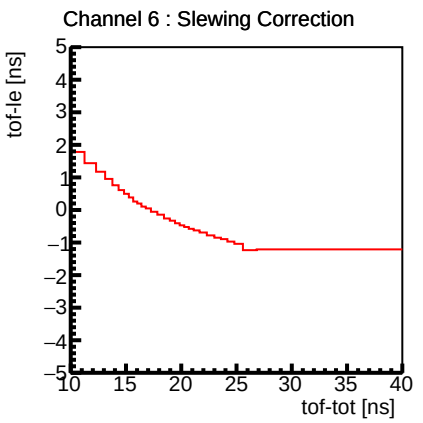

Channel 1 : Slewing Correction
tof-le [ns]
tof-tot [ns]

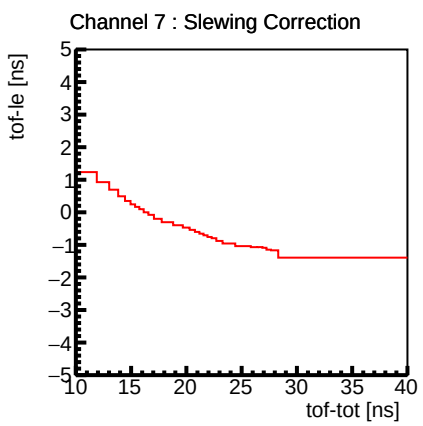

Channel 2 : Slewing Correction
tof-le [ns]
tof-tot [ns]

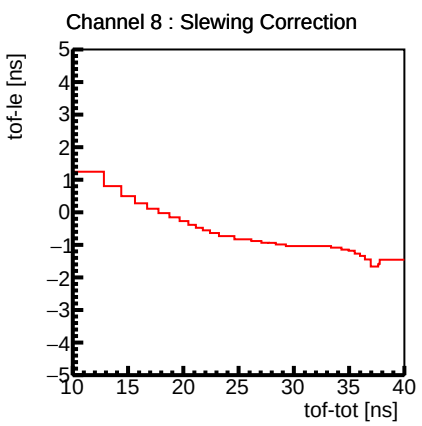

Channel 3 : Slewing Correction
tof-le [ns]
tof-tot [ns]

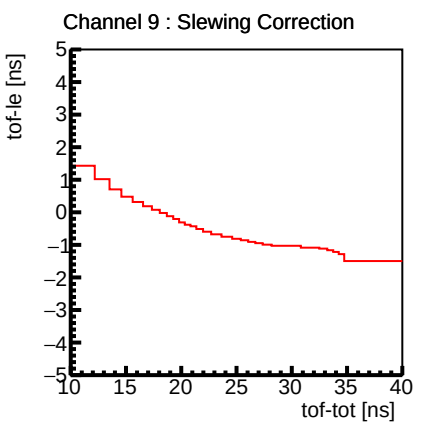

Channel 4 : Slewing Correction
tof-le [ns]
tof-tot [ns]

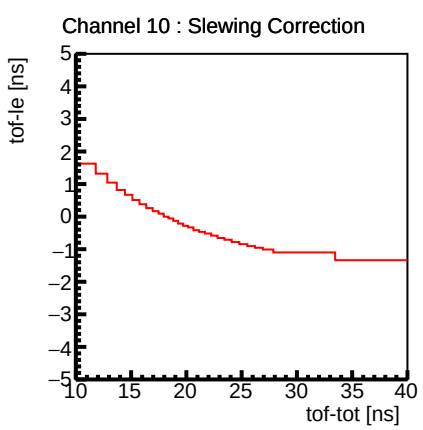

Channel 5 : Slewing Correction
tof-le [ns]
tof-tot [ns]

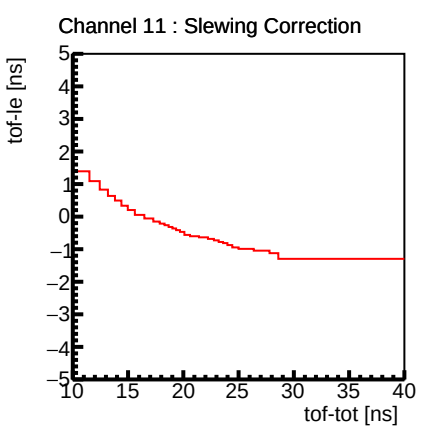

Channel 6 : Slewing Correction
tof-le [ns]
tof-tot [ns]

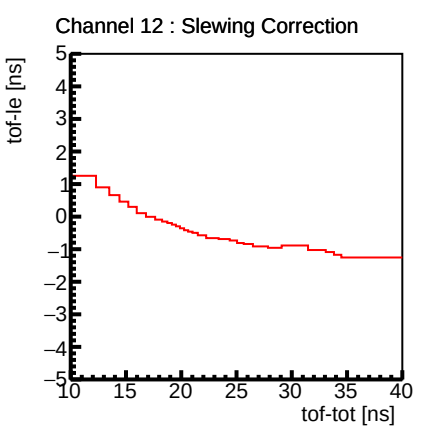

Channel 7 : Slewing Correction
tof-le [ns]
tof-tot [ns]

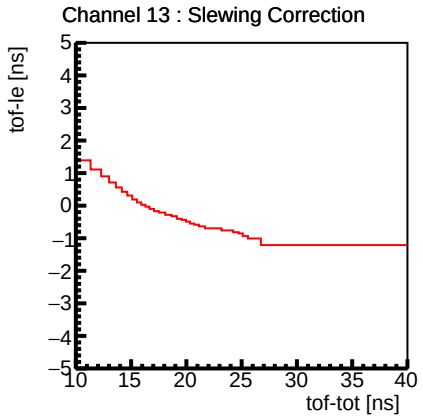

Channel 8 : Slewing Correction
tof-le [ns]
tof-tot [ns]

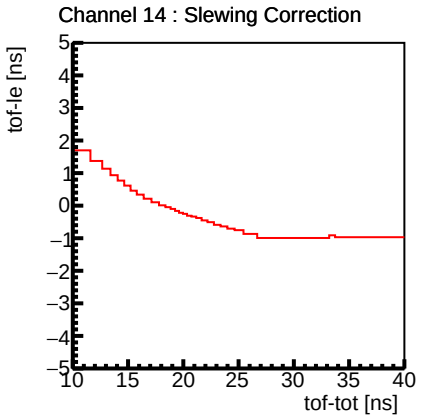

Channel 9 : Slewing Correction
tof-le [ns]
tof-tot [ns]

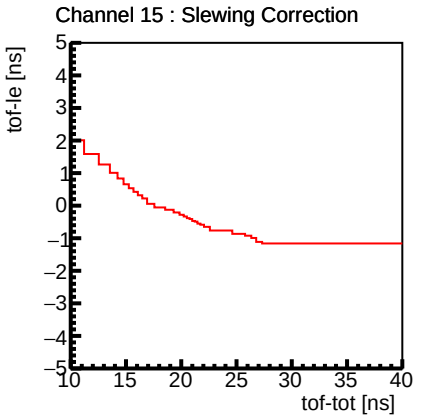

Channel 10 : Slewing Correction
tof-le [ns]
tof-tot [ns]

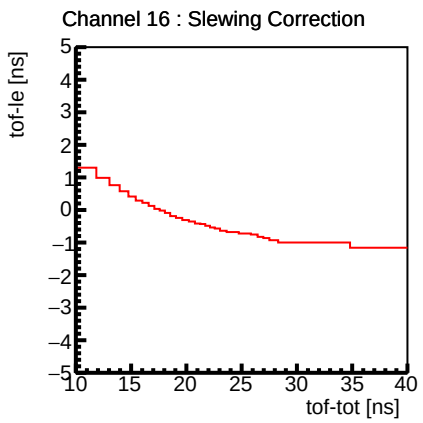

Channel 11 : Slewing Correction
tof-le [ns]
tof-tot [ns]

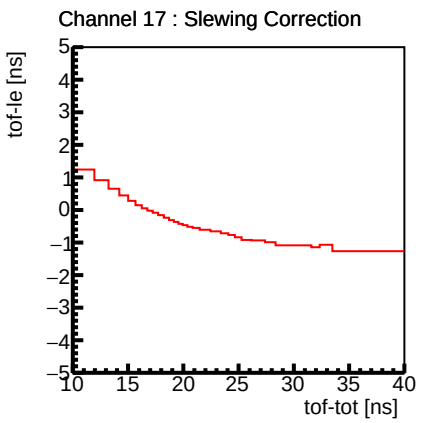

Channel 12 : Slewing Correction
tof-le [ns]
tof-tot [ns]

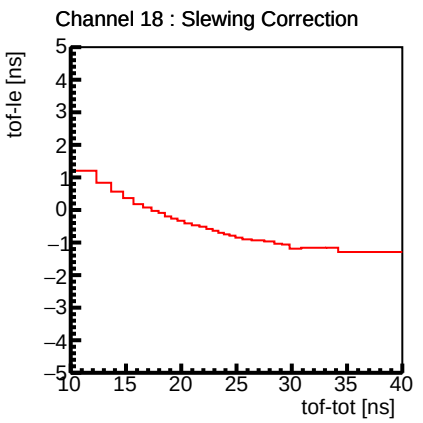

Channel 13 : Slewing Correction
tof-le [ns]
tof-tot [ns]

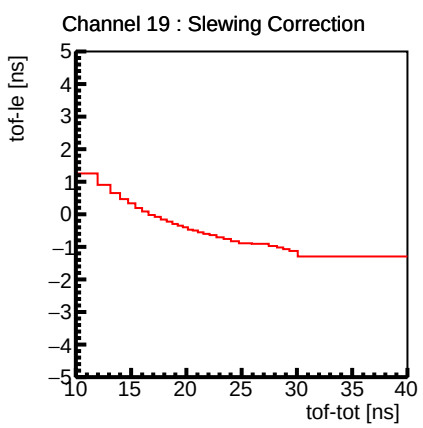

Channel 14 : Slewing Correction
tof-le [ns]
tof-tot [ns]

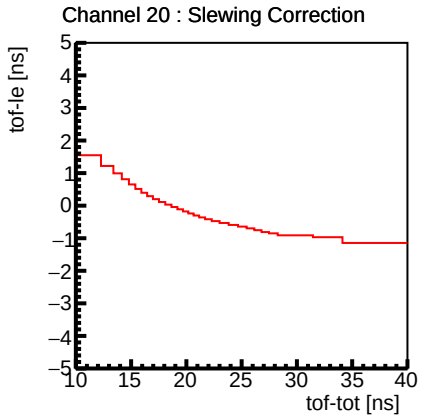

Channel 15 : Slewing Correction
tof-le [ns]
tof-tot [ns]

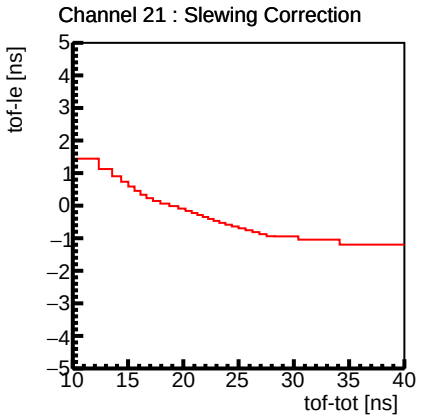

Channel 16 : Slewing Correction
tof-le [ns]
tof-tot [ns]

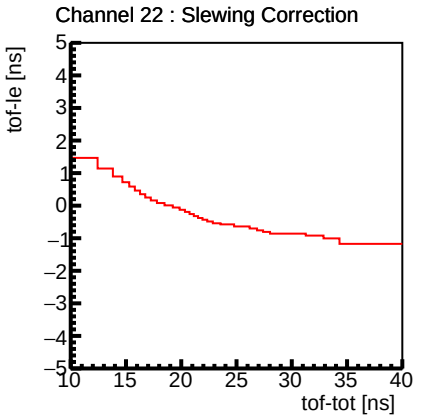

Channel 17 : Slewing Correction
tof-le [ns]
tof-tot [ns]

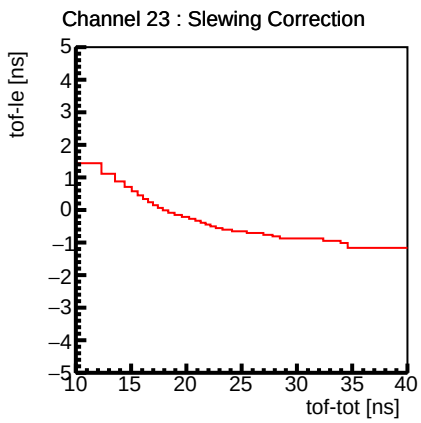

Channel 18 : Slewing Correction
tof-le [ns]
tof-tot [ns]

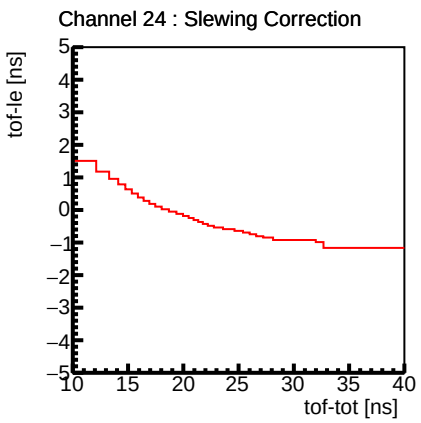

Channel 19 : Slewing Correction
tof-le [ns]
tof-tot [ns]

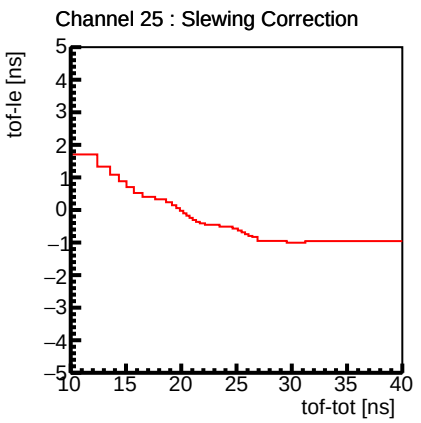

Channel 20 : Slewing Correction
tof-le [ns]
tof-tot [ns]

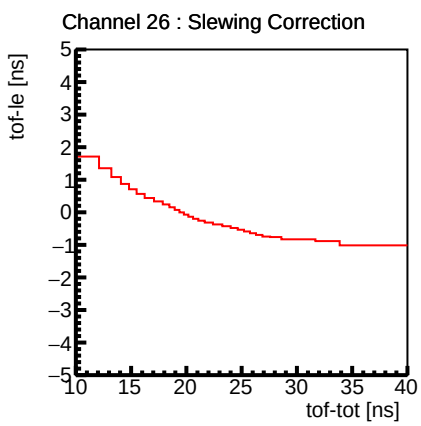

Channel 21 : Slewing Correction
tof-le [ns]
tof-tot [ns]

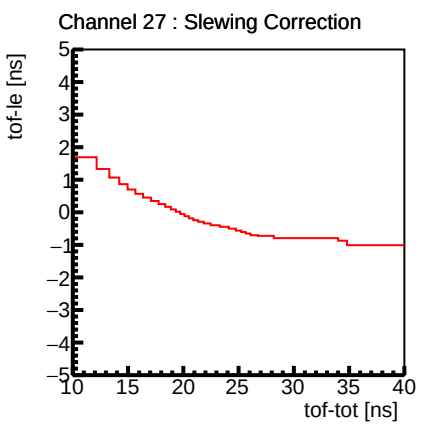

Channel 22 : Slewing Correction
tof-le [ns]
tof-tot [ns]

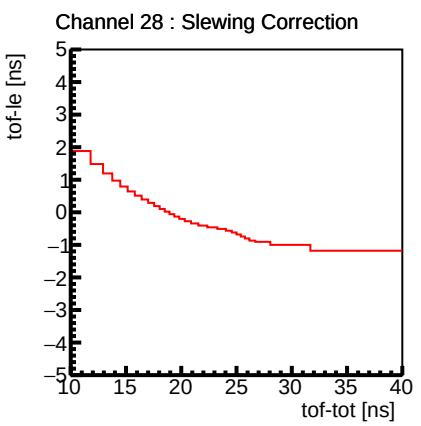

Channel 23 : Slewing Correction
tof-le [ns]
tof-tot [ns]

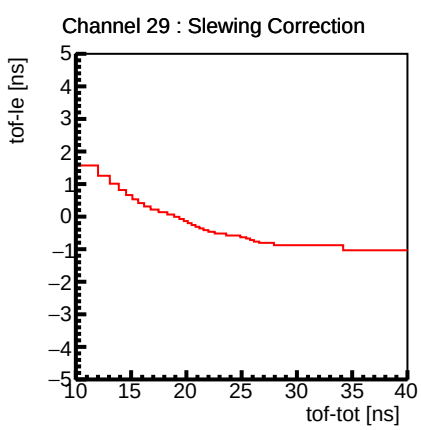

Channel 24 : Slewing Correction
tof-le [ns]
tof-tot [ns]

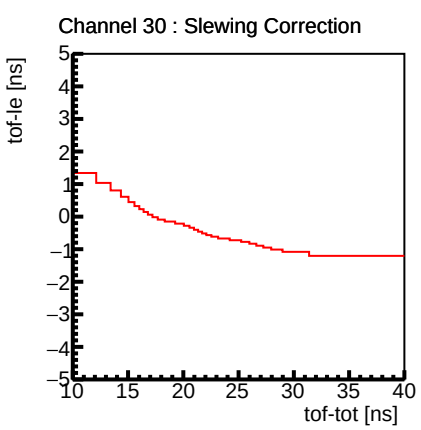

Channel 25 : Slewing Correction
tof-le [ns]
tof-tot [ns]

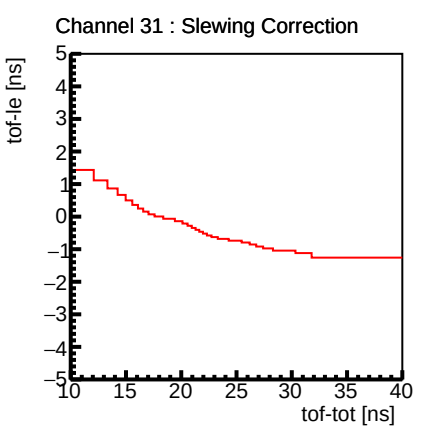

Channel 26 : Slewing Correction
tof-le [ns]
tof-tot [ns]

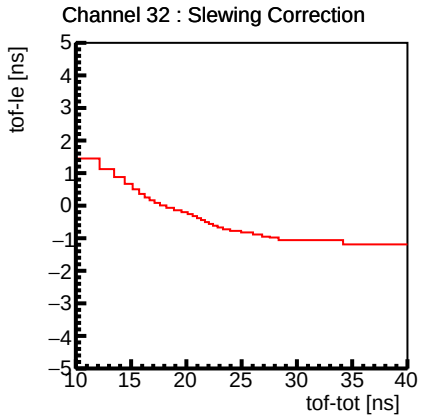

Channel 27 : Slewing Correction
tof-le [ns]
tof-tot [ns]

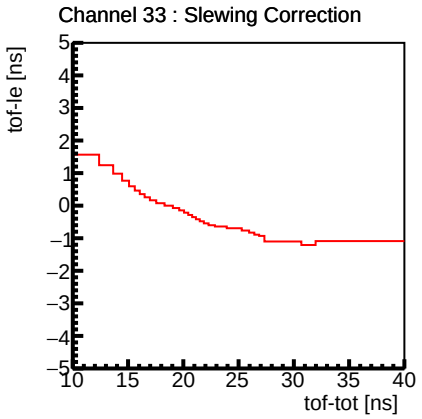

Channel 28 : Slewing Correction
tof-le [ns]
tof-tot [ns]

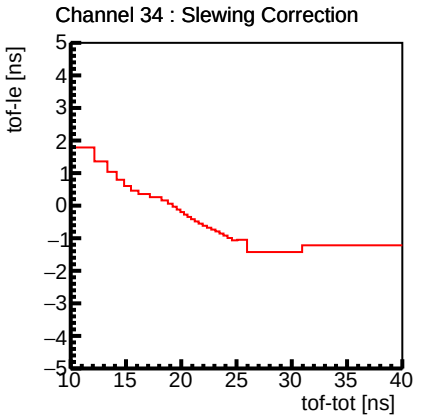

Channel 29 : Slewing Correction
tof-le [ns]
tof-tot [ns]

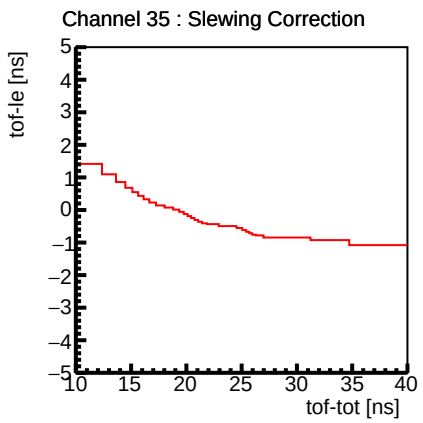

Channel 30 : Slewing Correction
tof-le [ns]
tof-tot [ns]

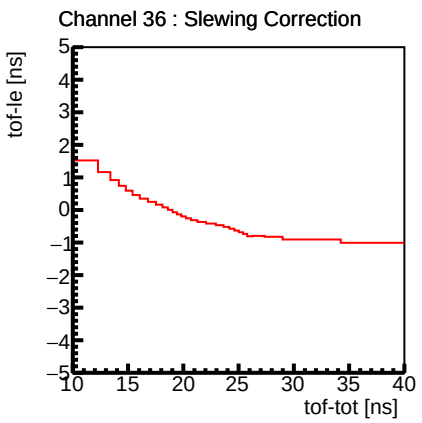

Channel 31 : Slewing Correction
tof-le [ns]
tof-tot [ns]

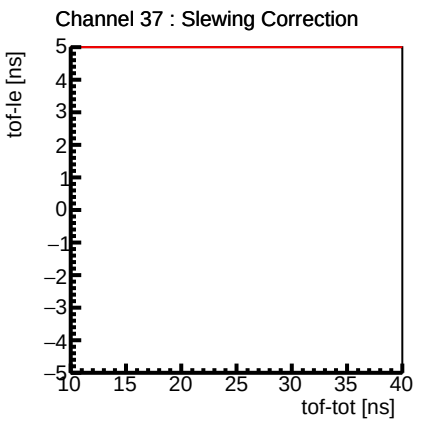

Channel 32 : Slewing Correction
tof-le [ns]
tof-tot [ns]

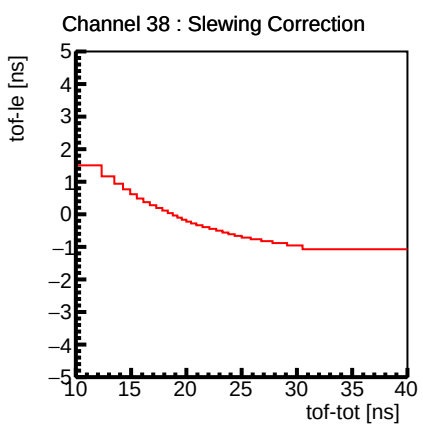

Channel 33 : Slewing Correction
tof-le [ns]
tof-tot [ns]


Channel 34 : Slewing Correction
tof-le [ns]
tof-tot [ns]


Channel 35 : Slewing Correction
tof-le [ns]
tof-tot [ns]


Channel 36 : Slewing Correction
tof-le [ns]
tof-tot [ns]


Channel 37 : Slewing Correction
tof-le [ns]
tof-tot [ns]


Channel 38 : Slewing Correction
tof-le [ns]
tof-tot [ns]