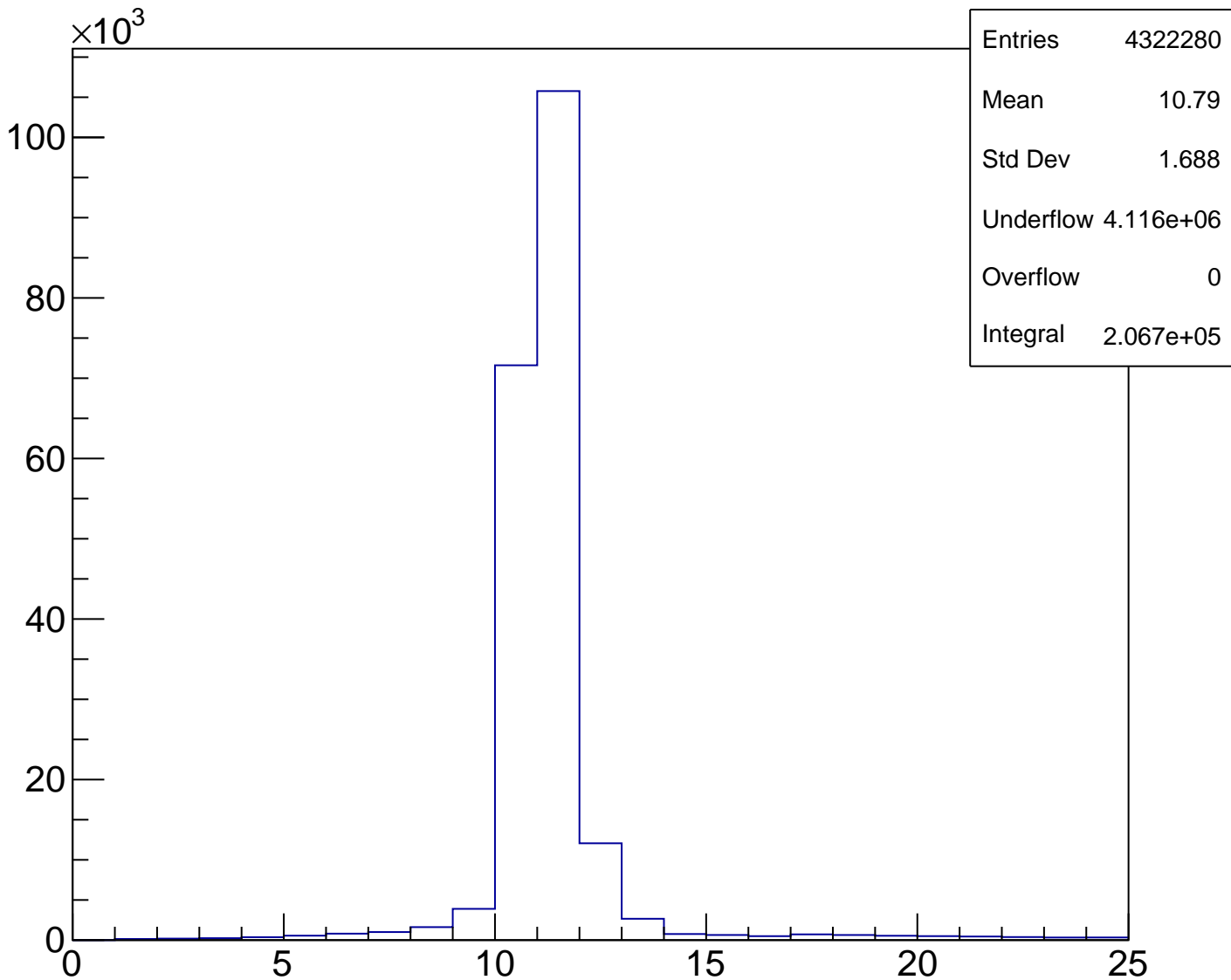


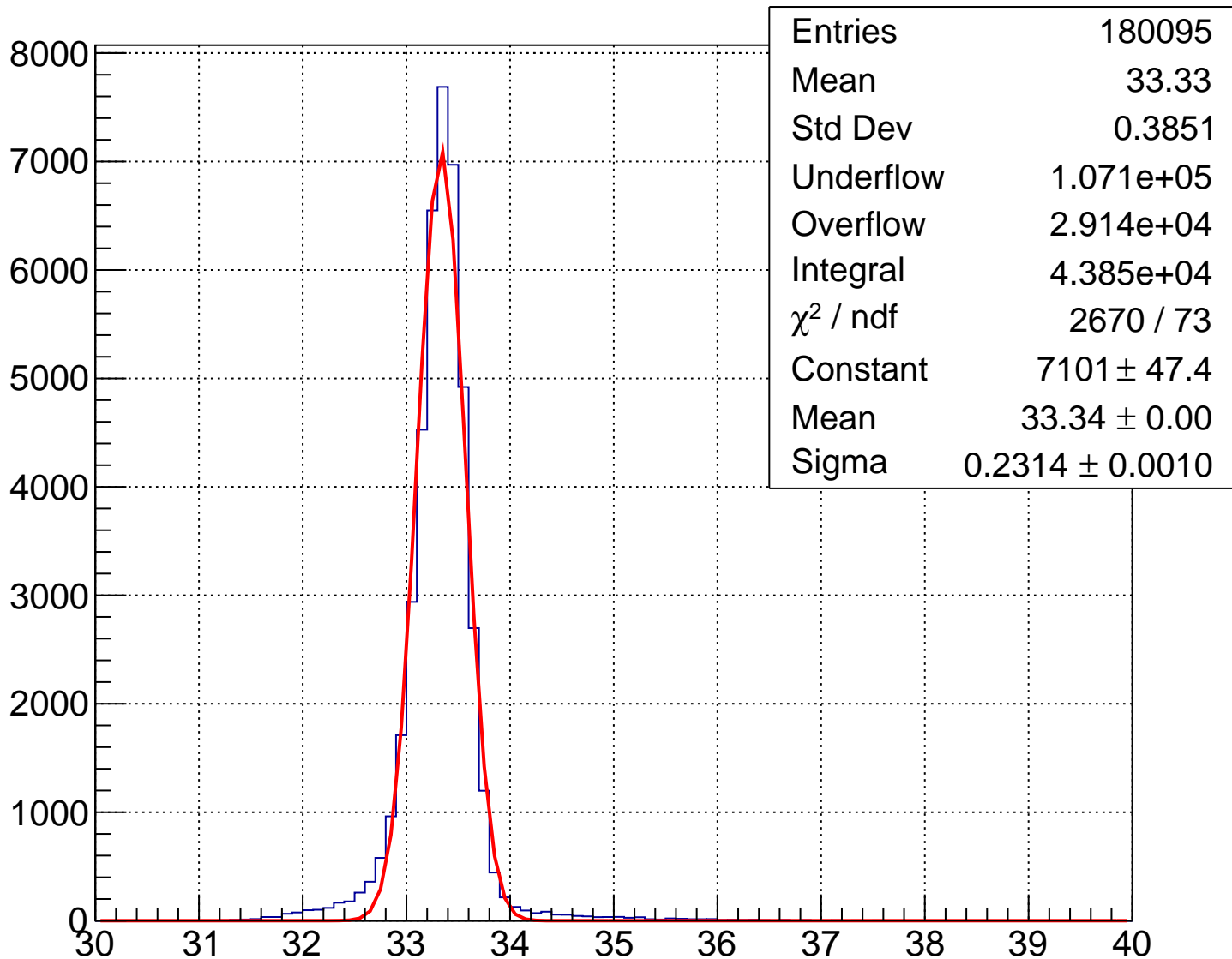
# TOFHitPat



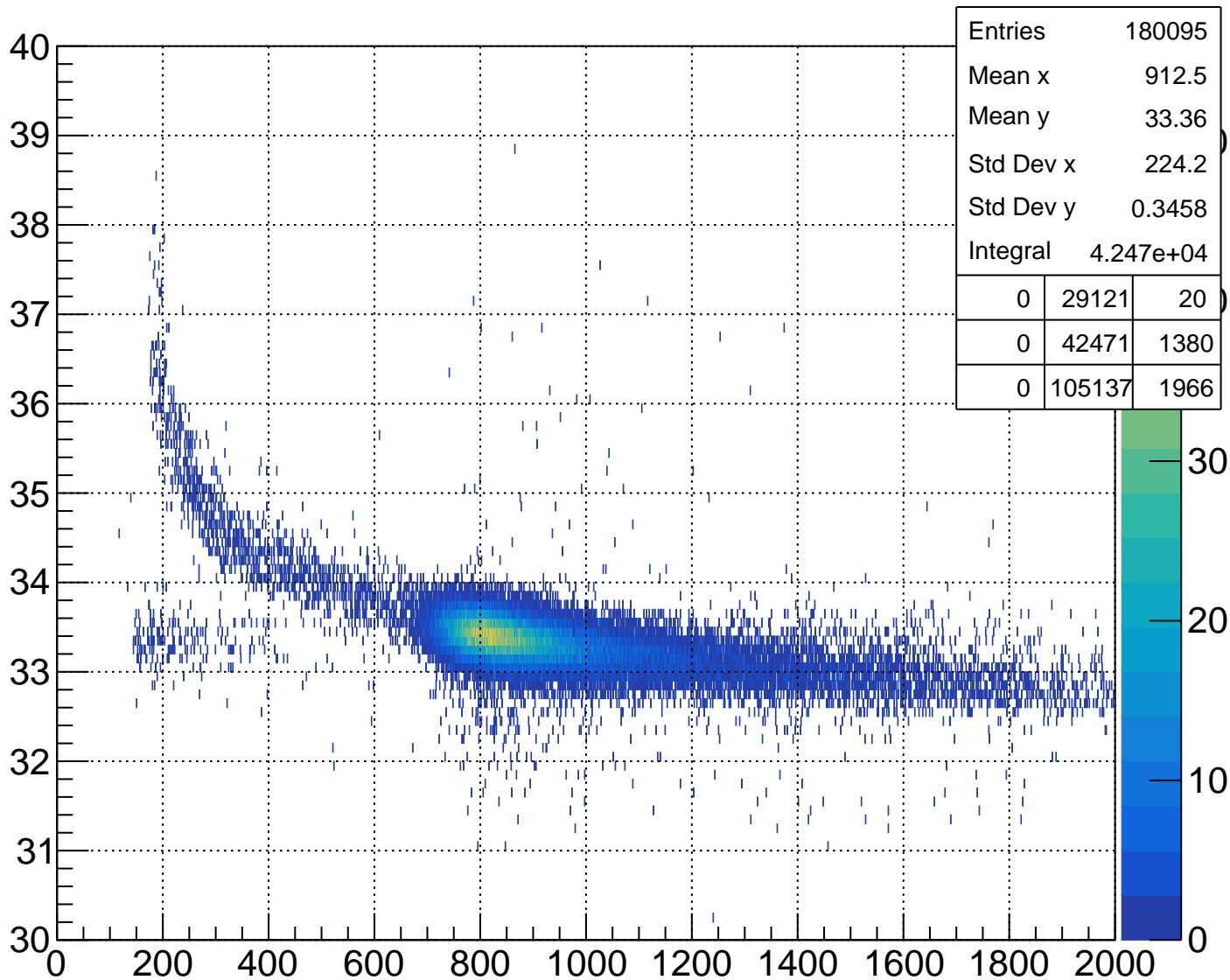
# BH2HitPat



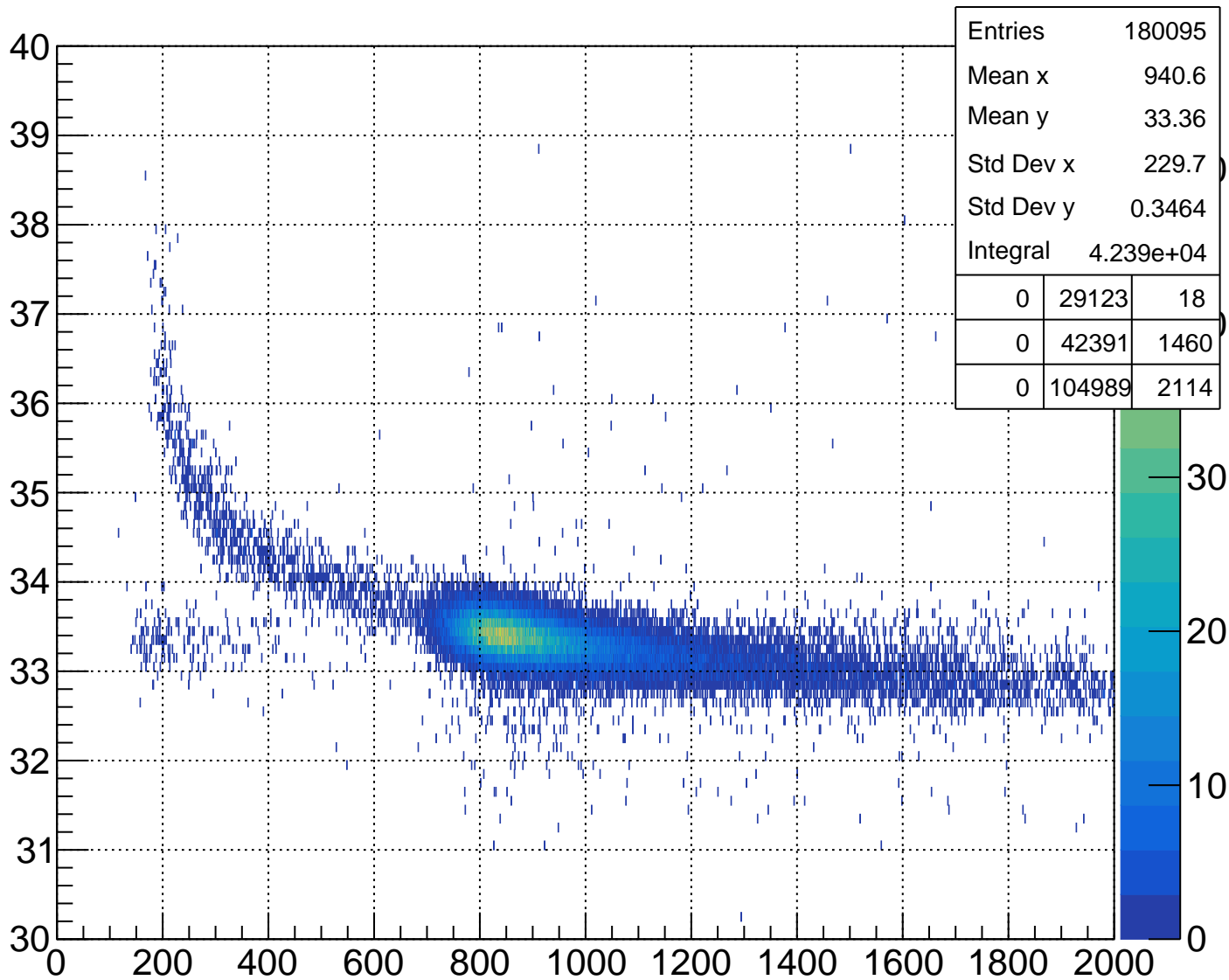
# STOF1



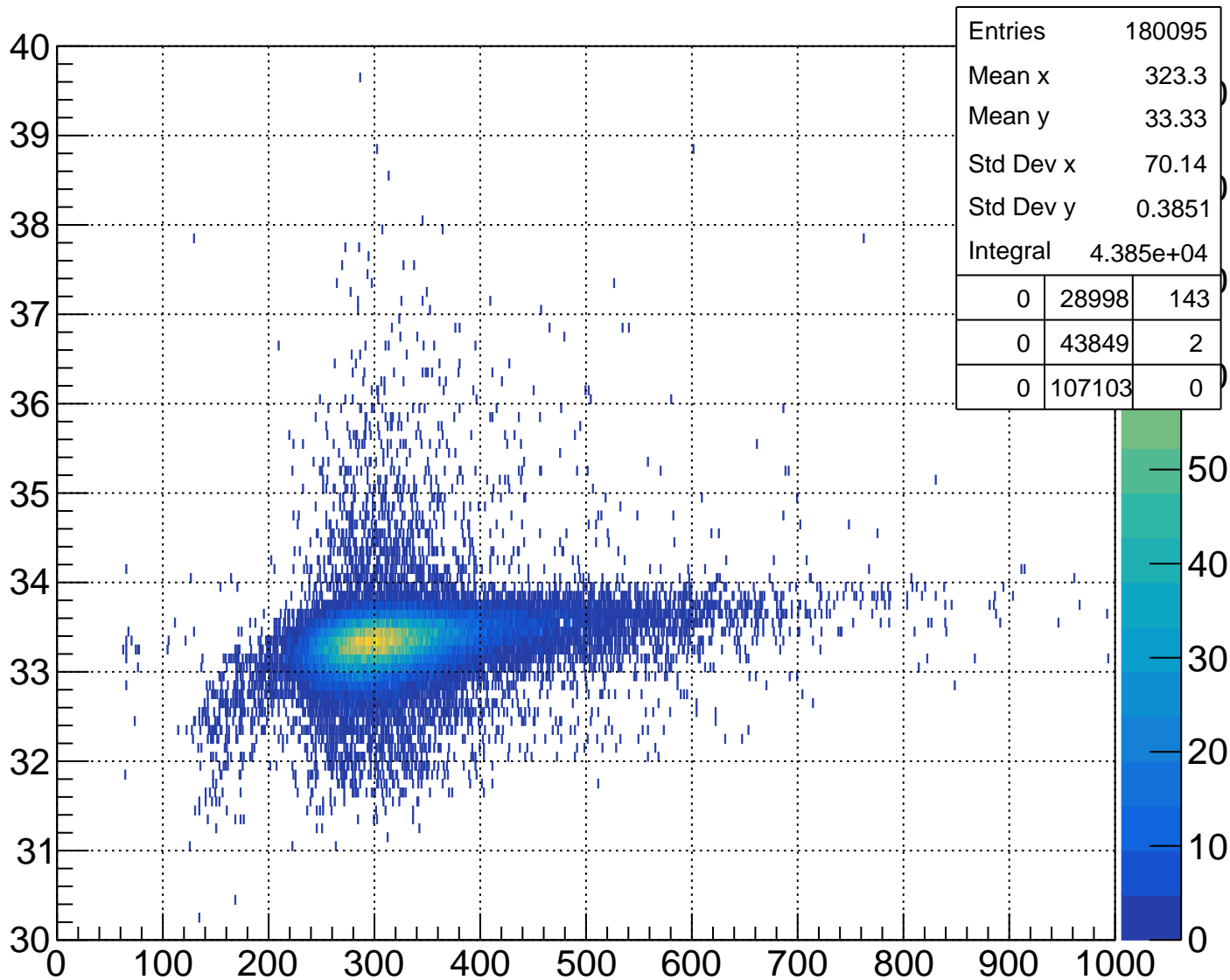
# SHist1



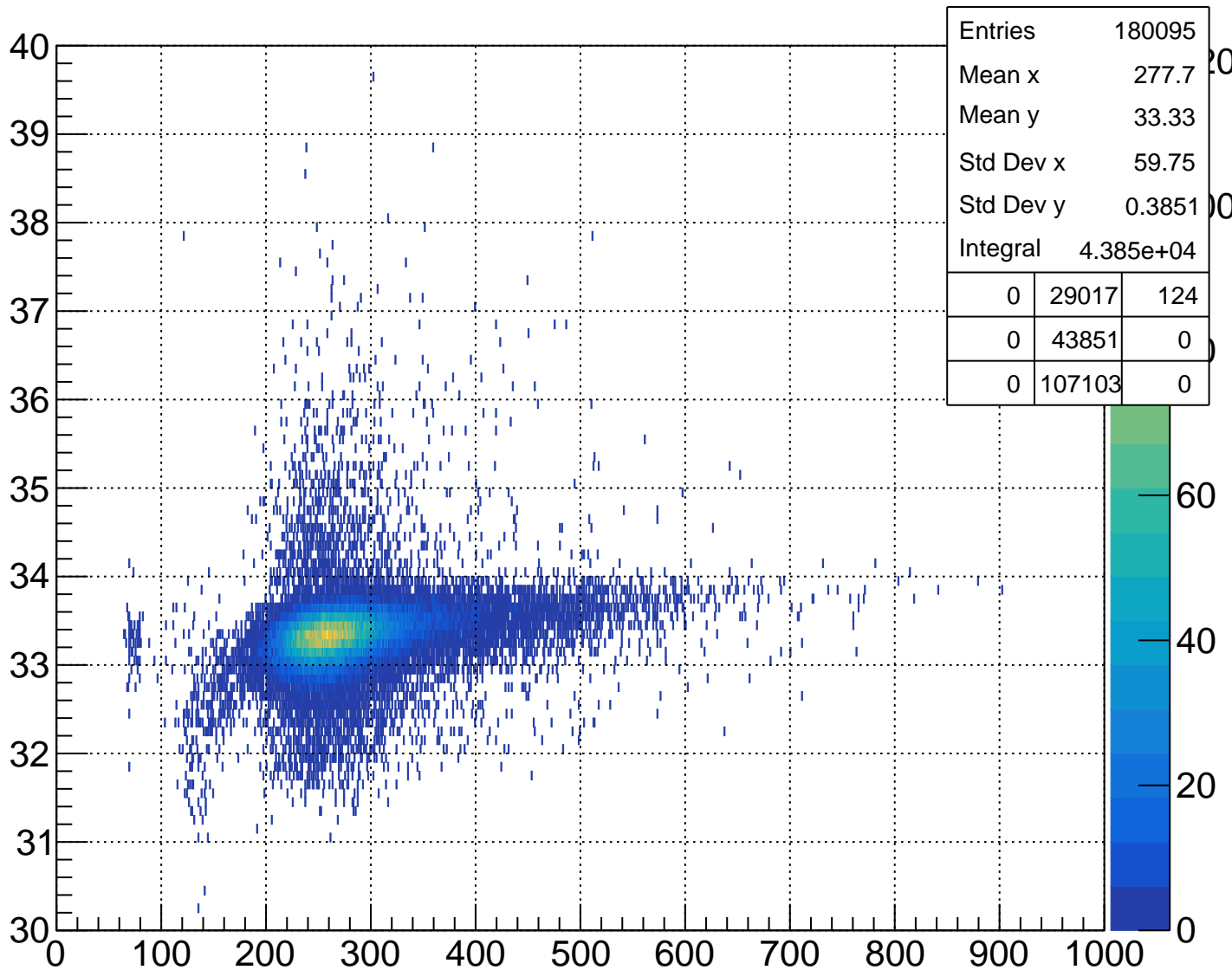
# SHist2

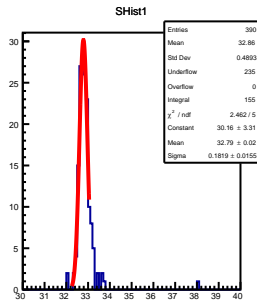
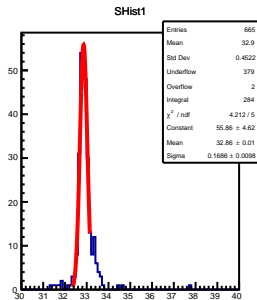
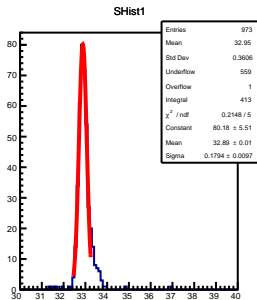
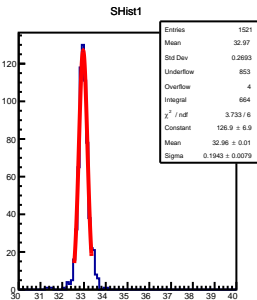
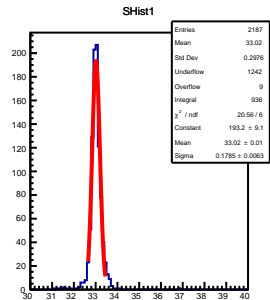
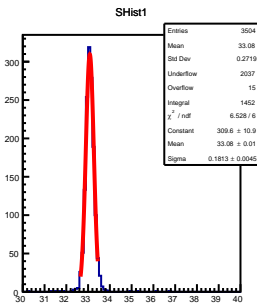
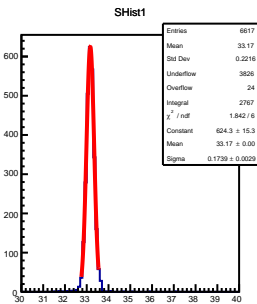
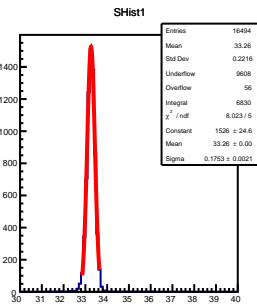
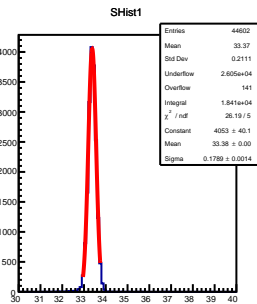
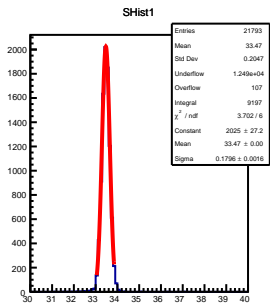
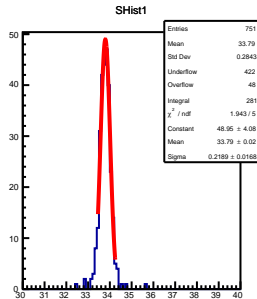
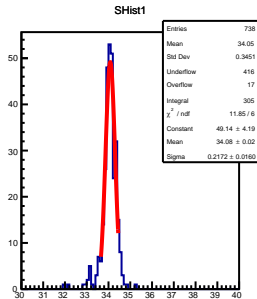
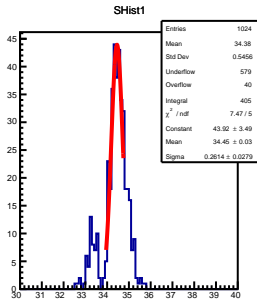
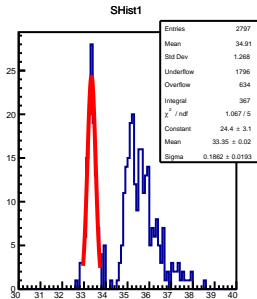
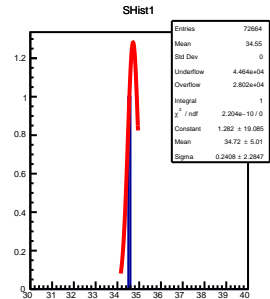


# SHist10



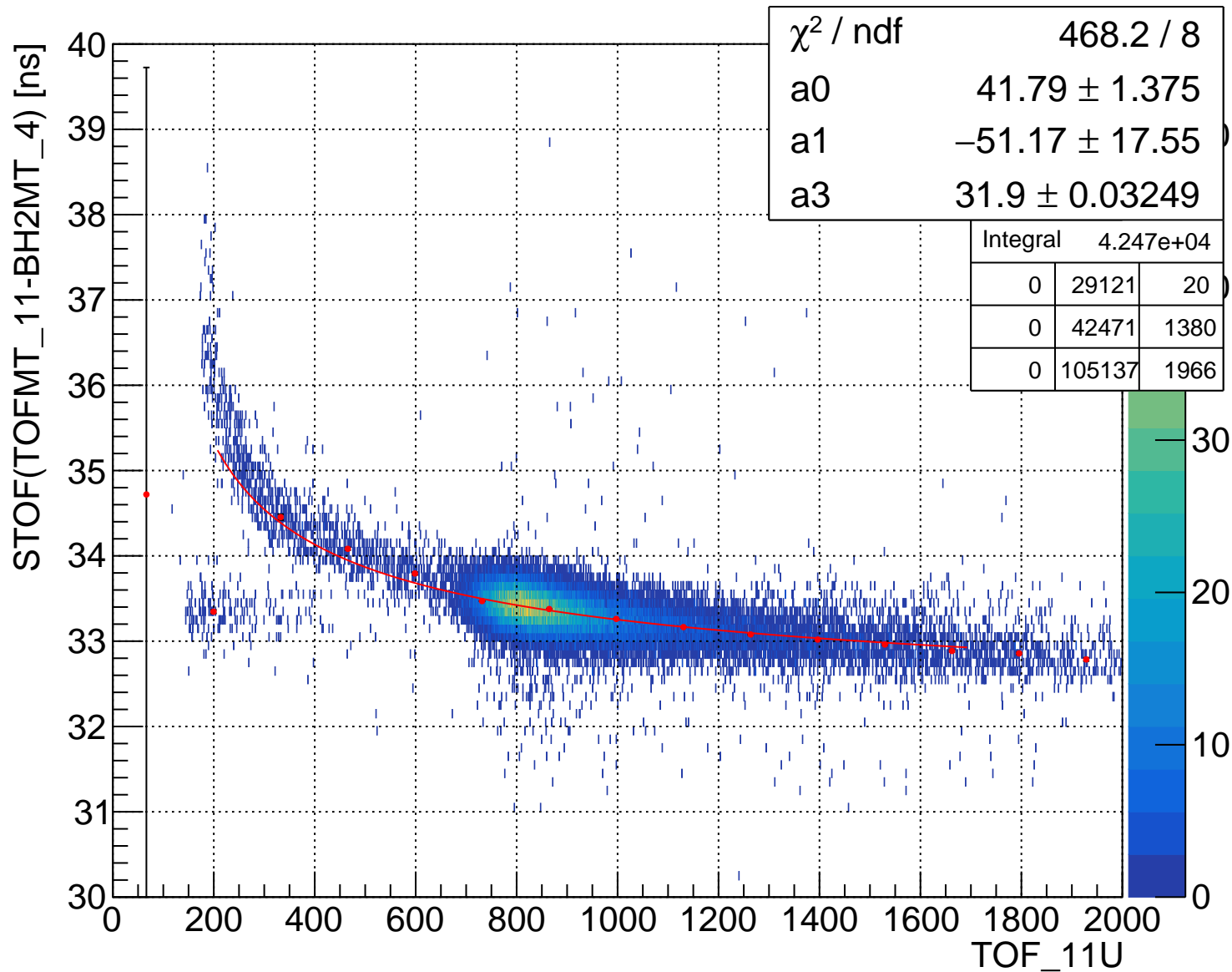
# SHist11



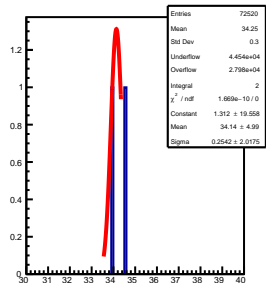




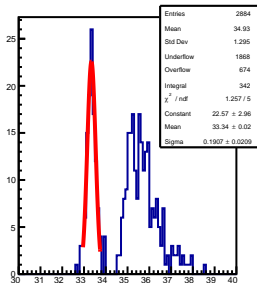
# SHist1



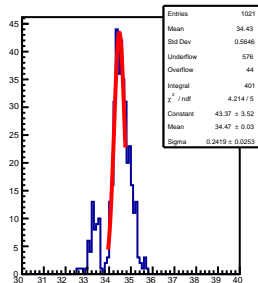
SHist1



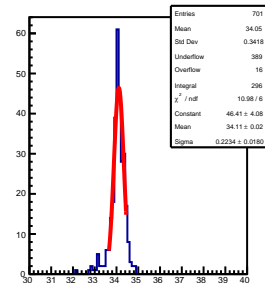
SHist1



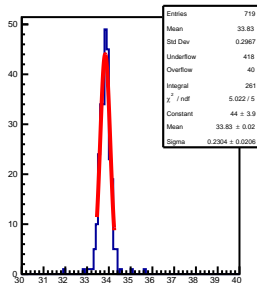
SHist1



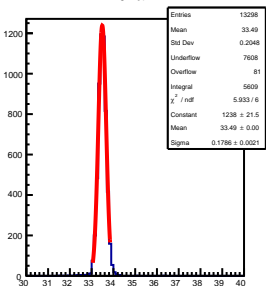
SHist1



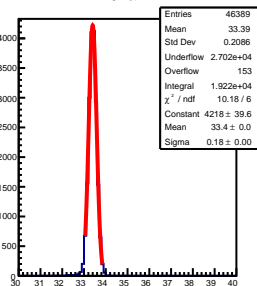
SHist1



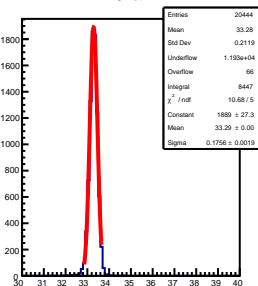
SHist1



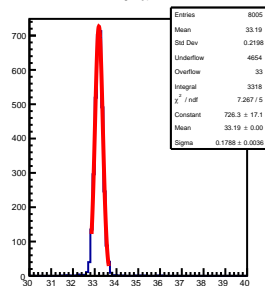
SHist1



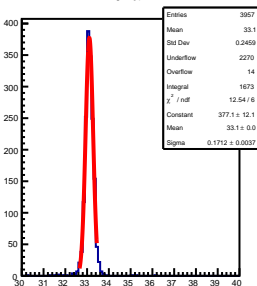
SHist1



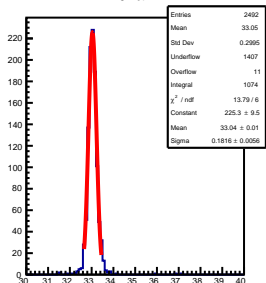
SHist1



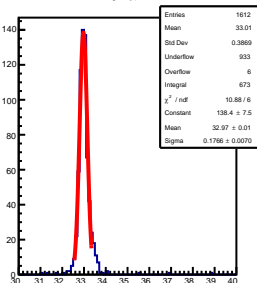
SHist1



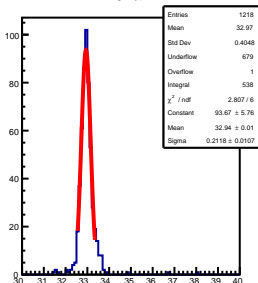
SHist1



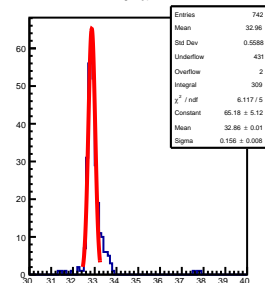
SHist1



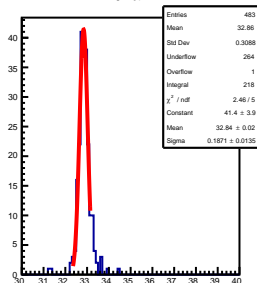
SHist1



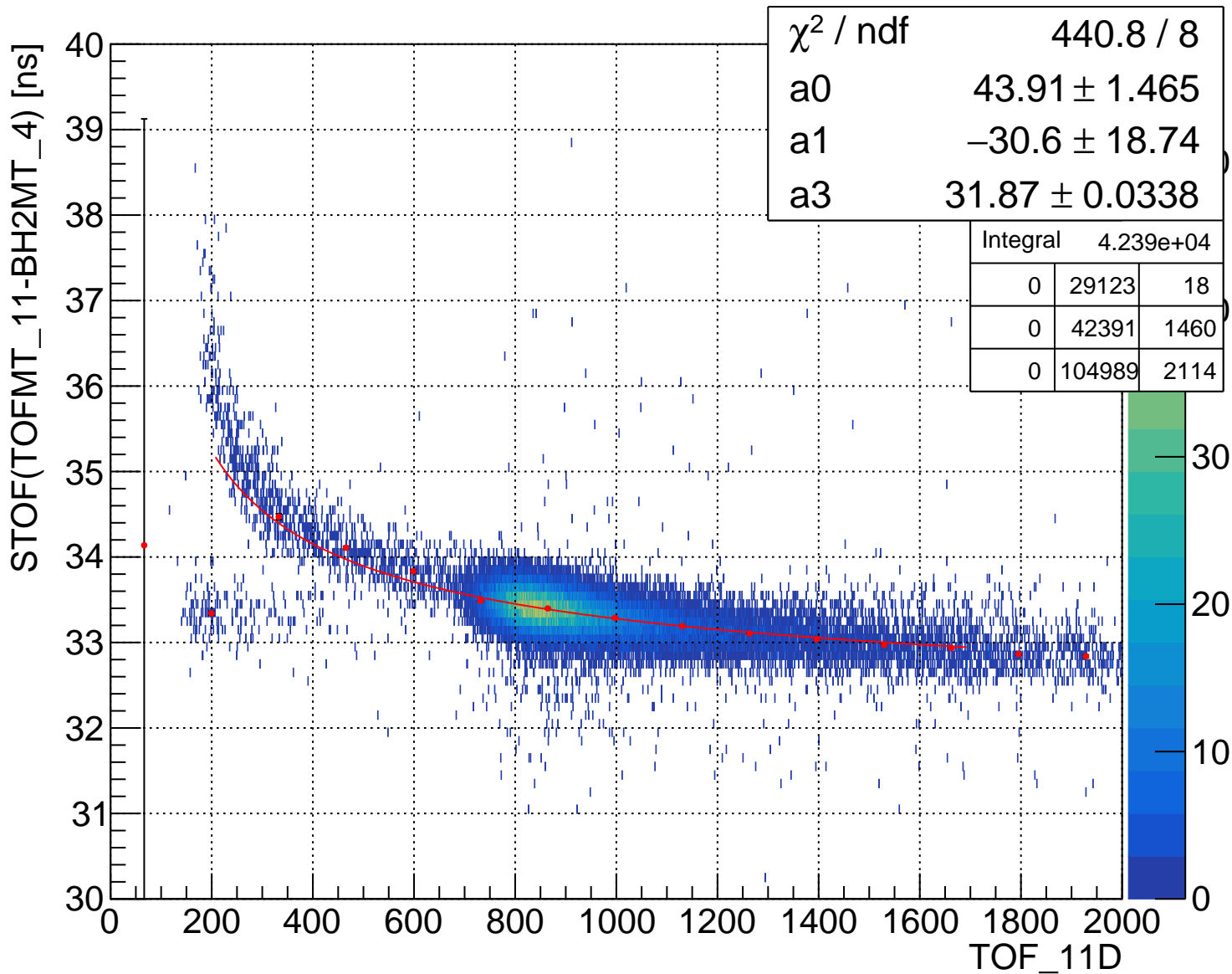
SHist1



SHist1

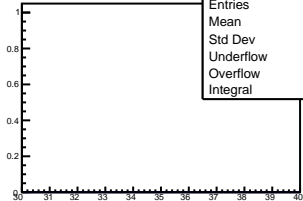


# SHist2



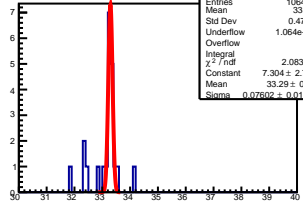
SHist1

Entries	24
Mean	0
Std Dev	0
Underflow	24
Overflow	0
Integral	0



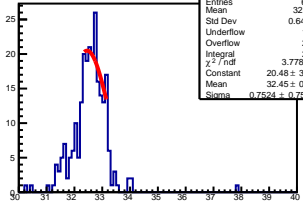
SHist1

Entries	106462
Mean	33.12
Std Dev	0.4798
Underflow	1.04e+05
Overflow	36
Integral	22
$\chi^2 / \text{ndf}$	2.08 / 3
Constant	$7.304 \pm 2.732$
Mean	$33.29 \pm 0.02$
Sigma	$0.0709 \pm 0.0198$



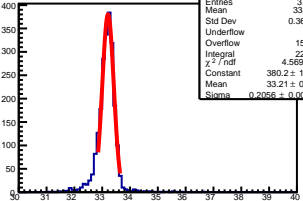
SHist1

Entries	645
Mean	32.56
Std Dev	0.6466
Underflow	162
Overflow	237
Integral	246
$\chi^2 / \text{ndf}$	3.77 / 5
Constant	$20.48 \pm 3.55$
Mean	$32.45 \pm 0.73$
Sigma	$0.7524 \pm 0.7535$



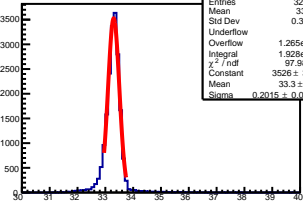
SHist1

Entries	3778
Mean	33.16
Std Dev	0.3618
Underflow	27
Overflow	1528
Integral	2223
$\chi^2 / \text{ndf}$	4.56 / 5
Constant	$380.2 \pm 11.5$
Mean	$33.21 \pm 0.01$
Sigma	$0.2066 \pm 0.0058$



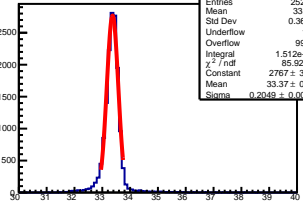
SHist1

Entries	32148
Mean	33.29
Std Dev	0.3666
Underflow	216
Overflow	$1.265 \pm 0.4$
Integral	$1.928 \pm 0.4$
$\chi^2 / \text{ndf}$	$97.98 / 5$
Constant	$3526 \pm 36.3$
Mean	$33.3 \pm 0.0$
Sigma	$0.2015 \pm 0.0018$



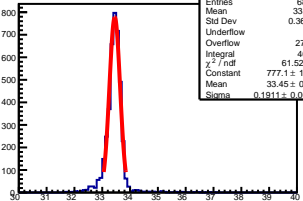
SHist1

Entries	25230
Mean	33.36
Std Dev	0.3686
Underflow	166
Overflow	9939
Integral	$1.512 \pm 0.4$
$\chi^2 / \text{ndf}$	$65.82 / 5$
Constant	$2767 \pm 32.4$
Mean	$33.37 \pm 0.00$
Sigma	$0.2019 \pm 0.0022$



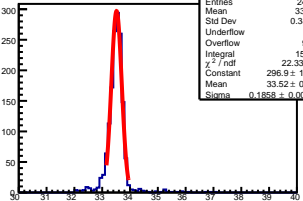
SHist1

Entries	6993
Mean	33.44
Std Dev	0.3646
Underflow	66
Overflow	2746
Integral	4081
$\chi^2 / \text{ndf}$	$61.52 / 6$
Constant	$777.1 \pm 17.0$
Mean	$33.45 \pm 0.00$
Sigma	$0.1911 \pm 0.0031$



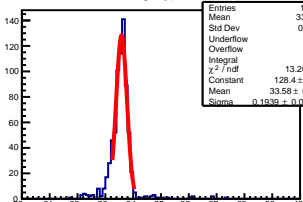
SHist1

Entries	2491
Mean	33.51
Std Dev	0.3821
Underflow	20
Overflow	946
Integral	1525
$\chi^2 / \text{ndf}$	$22.33 / 6$
Constant	$296.9 \pm 10.3$
Mean	$33.52 \pm 0.01$
Sigma	$0.1863 \pm 0.0035$



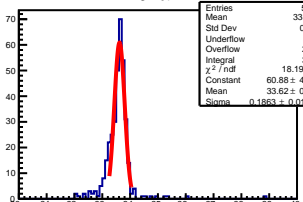
SHist1

Entries	1200
Mean	33.56
Std Dev	0.441
Underflow	9
Overflow	471
Integral	720
$\chi^2 / \text{ndf}$	$13.25 / 6$
Constant	$128.4 \pm 6.7$
Mean	$33.58 \pm 0.01$
Sigma	$0.1939 \pm 0.0077$



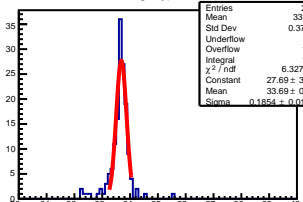
SHist1

Entries	570
Mean	33.58
Std Dev	0.48
Underflow	3
Overflow	215
Integral	352
$\chi^2 / \text{ndf}$	$18.19 / 6$
Constant	$60.88 \pm 4.91$
Mean	$33.62 \pm 0.01$
Sigma	$0.1863 \pm 0.0114$



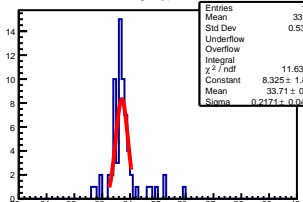
SHist1

Entries	263
Mean	33.63
Std Dev	0.3706
Underflow	1
Overflow	113
Integral	149
$\chi^2 / \text{ndf}$	$6.327 / 6$
Constant	$27.69 \pm 3.52$
Mean	$33.69 \pm 0.02$
Sigma	$0.1954 \pm 0.0197$



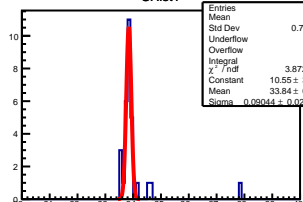
SHist1

Entries	116
Mean	33.75
Std Dev	0.5327
Underflow	3
Overflow	47
Integral	66
$\chi^2 / \text{ndf}$	$11.63 / 6$
Constant	$8.325 \pm 1.886$
Mean	$33.71 \pm 0.04$
Sigma	$0.2171 \pm 0.0454$



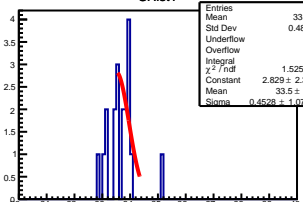
SHist1

Entries	58
Mean	34
Std Dev	0.7513
Underflow	0
Overflow	28
Integral	30
$\chi^2 / \text{ndf}$	$3.872 / 3$
Constant	$10.55 \pm 3.19$
Mean	$33.84 \pm 0.02$
Sigma	$0.0934 \pm 0.07392$



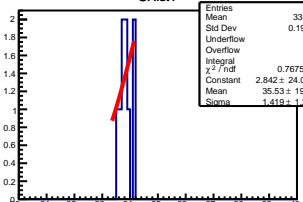
SHist1

Entries	42
Mean	33.68
Std Dev	0.4846
Underflow	19
Overflow	22
Integral	22
$\chi^2 / \text{ndf}$	$1.525 / 2$
Constant	$2.829 \pm 2.365$
Mean	$33.5 \pm 1.3$
Sigma	$0.4503 \pm 0.1748$



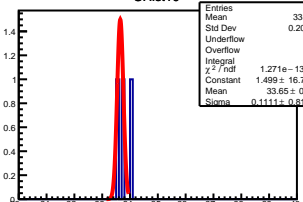
SHist1

Entries	20
Mean	33.85
Std Dev	0.1944
Underflow	1
Overflow	10
Integral	9
$\chi^2 / \text{ndf}$	$0.7675 / 3$
Constant	$2.842 \pm 24.038$
Mean	$35.53 \pm 19.90$
Sigma	$1.4119 \pm 1.278$

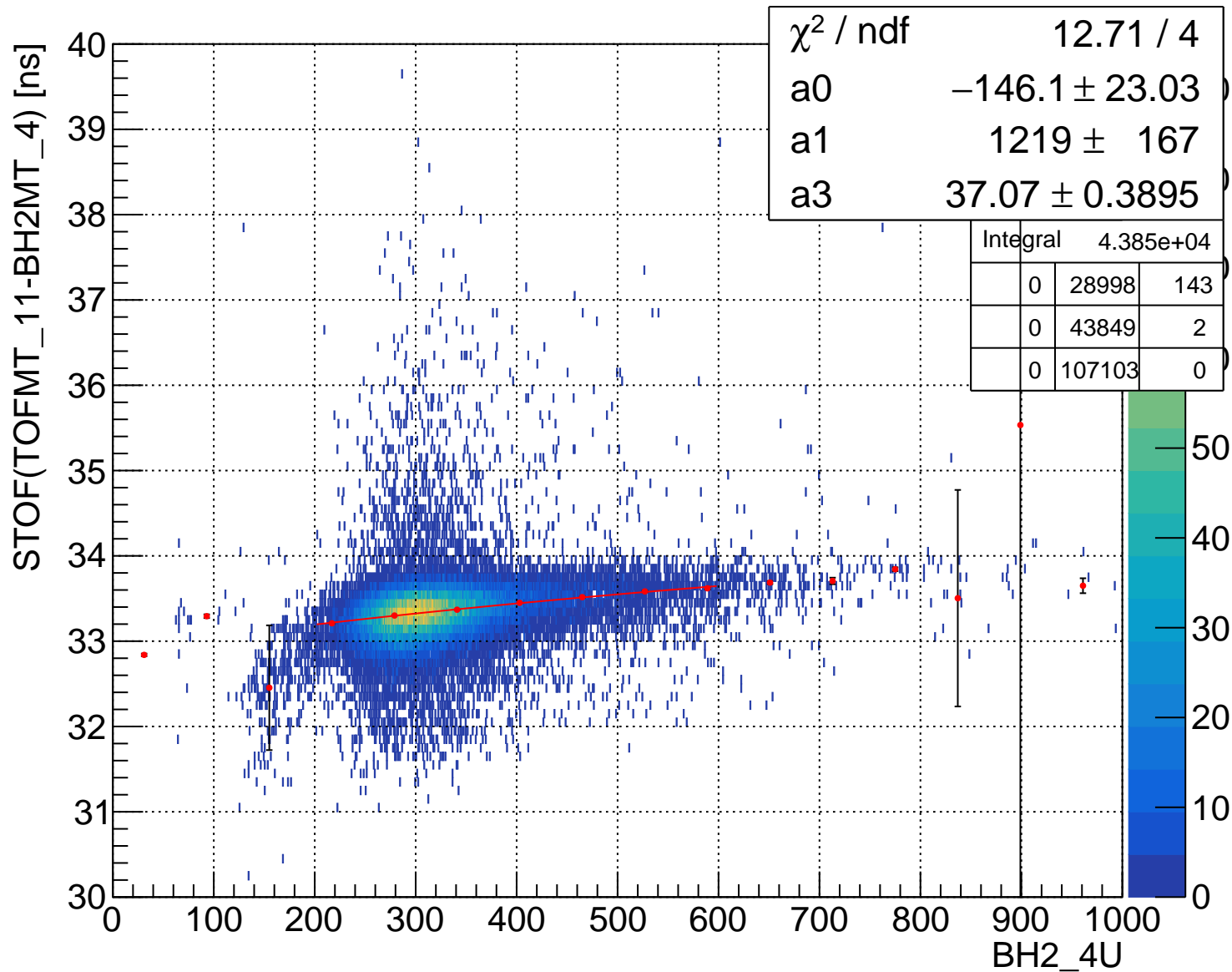


SHist10

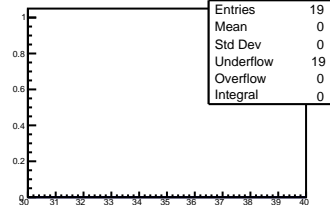
Entries	9
Mean	33.78
Std Dev	0.2055
Underflow	0
Overflow	6
Integral	1
$\chi^2 / \text{ndf}$	$1.271 \text{e-}13 / 0$
Constant	$1.499 \pm 16.766$
Mean	$33.65 \pm 0.09$
Sigma	$0.1111 \pm 0.0156$



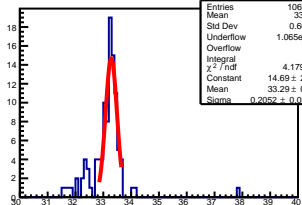
# SHist10



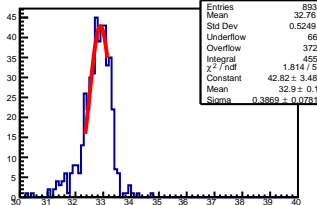
SHist1



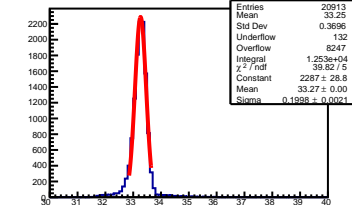
SHist1



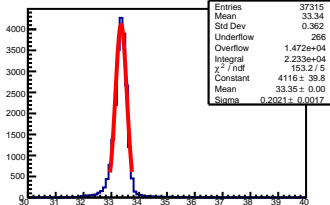
SHist1



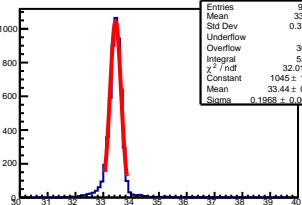
SHist1



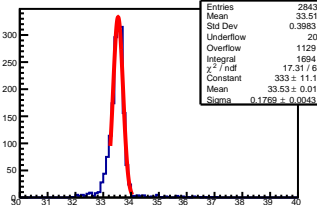
SHist1



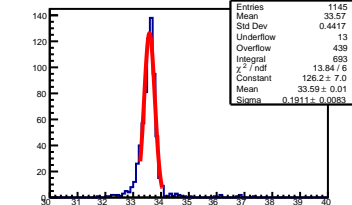
SHist1



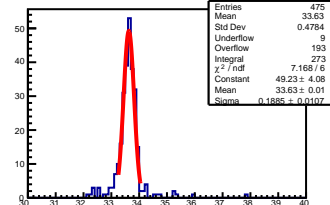
SHist1



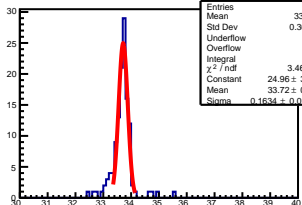
SHist1



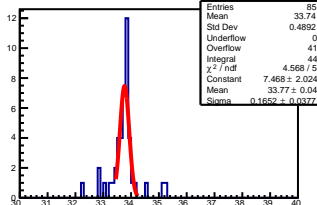
SHist1



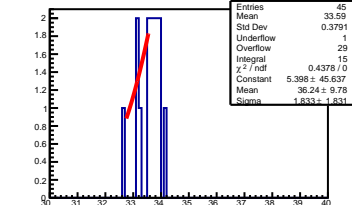
SHist1



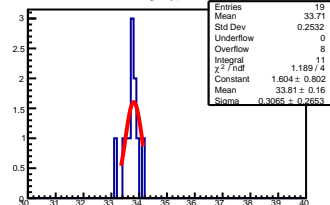
SHist1



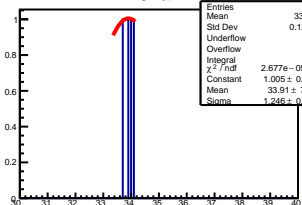
SHist1



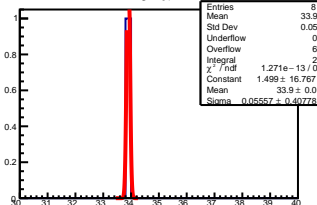
SHist1



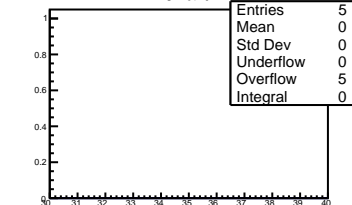
SHist1



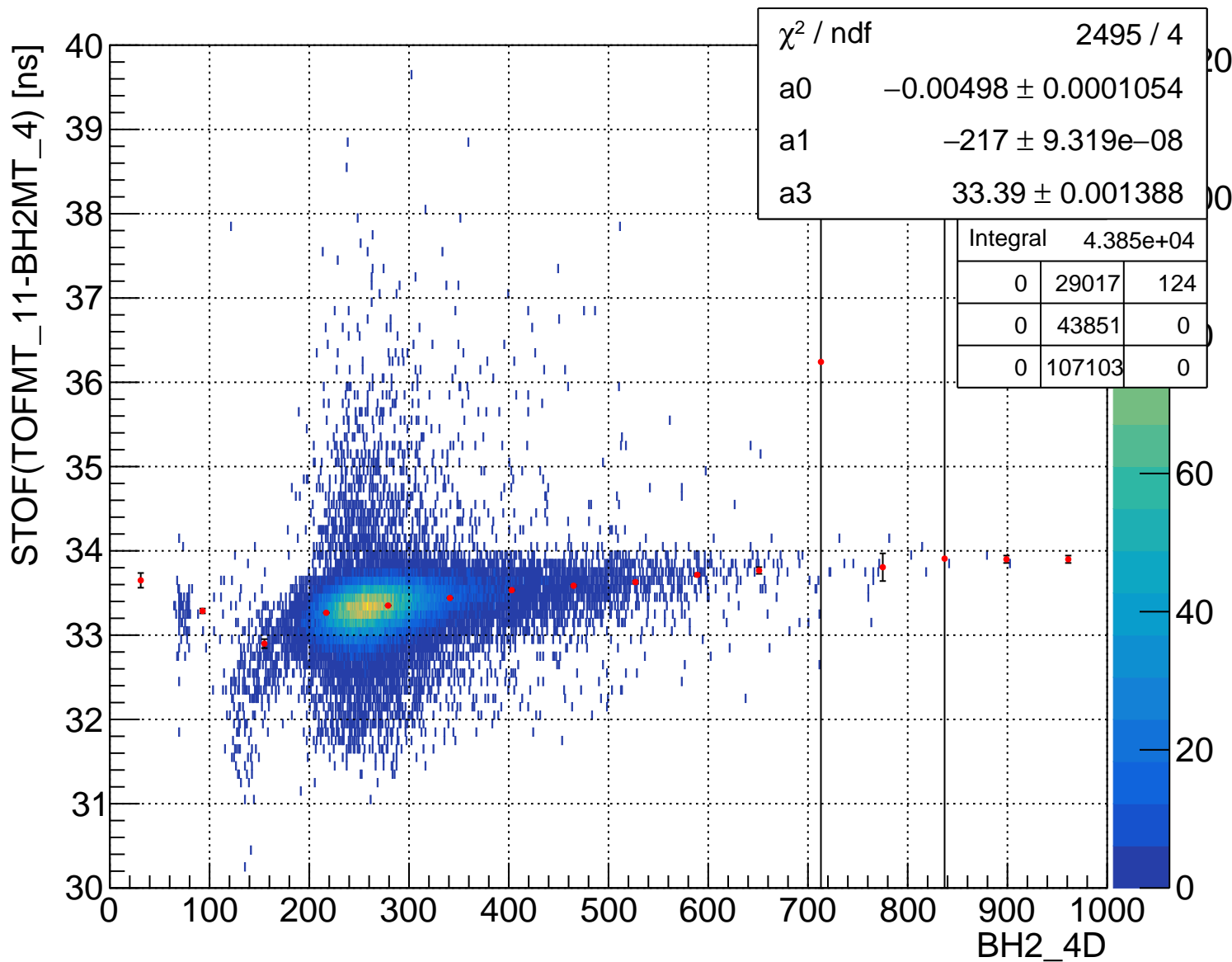
SHist1



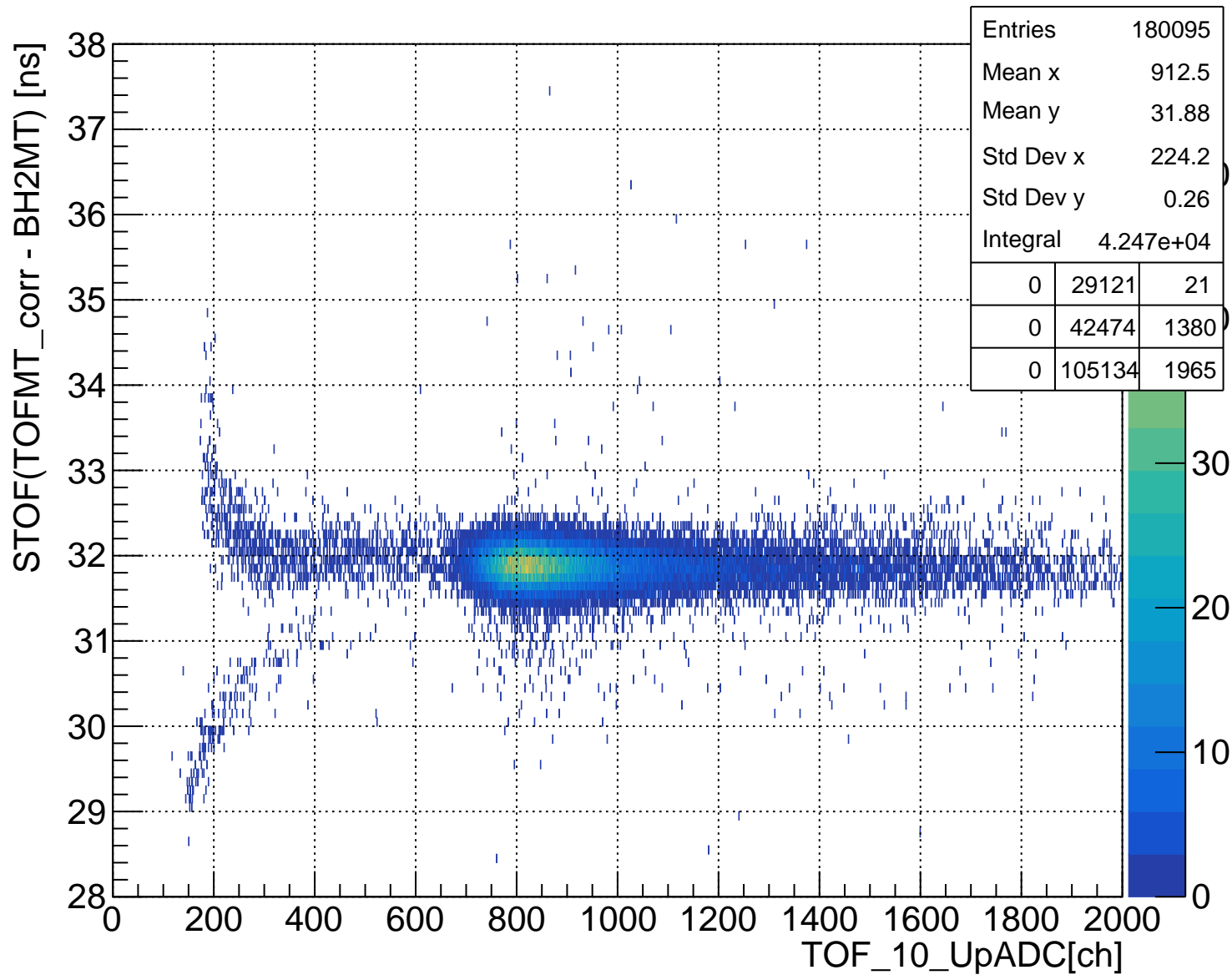
SHist10



# SHist11

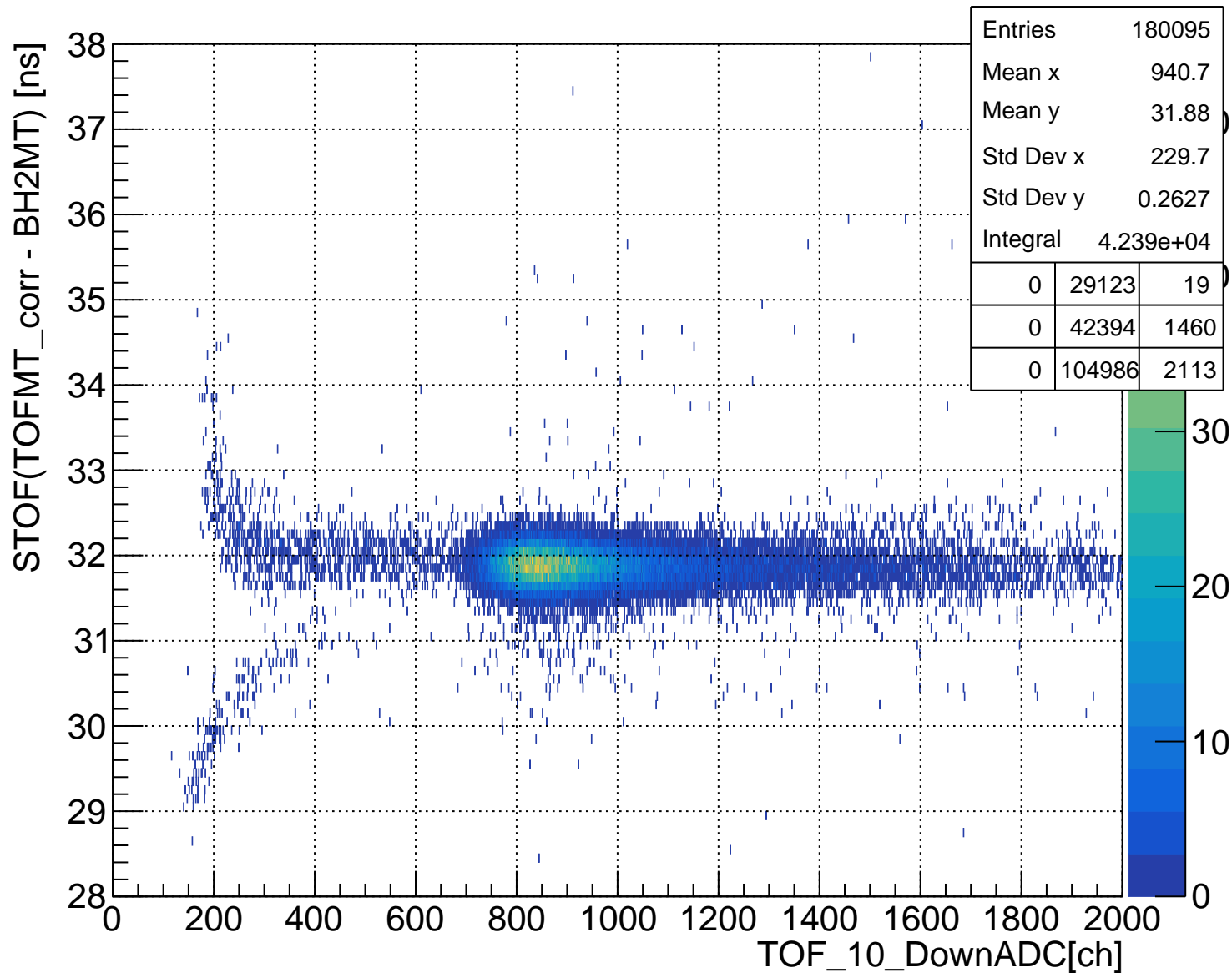


# SHist3

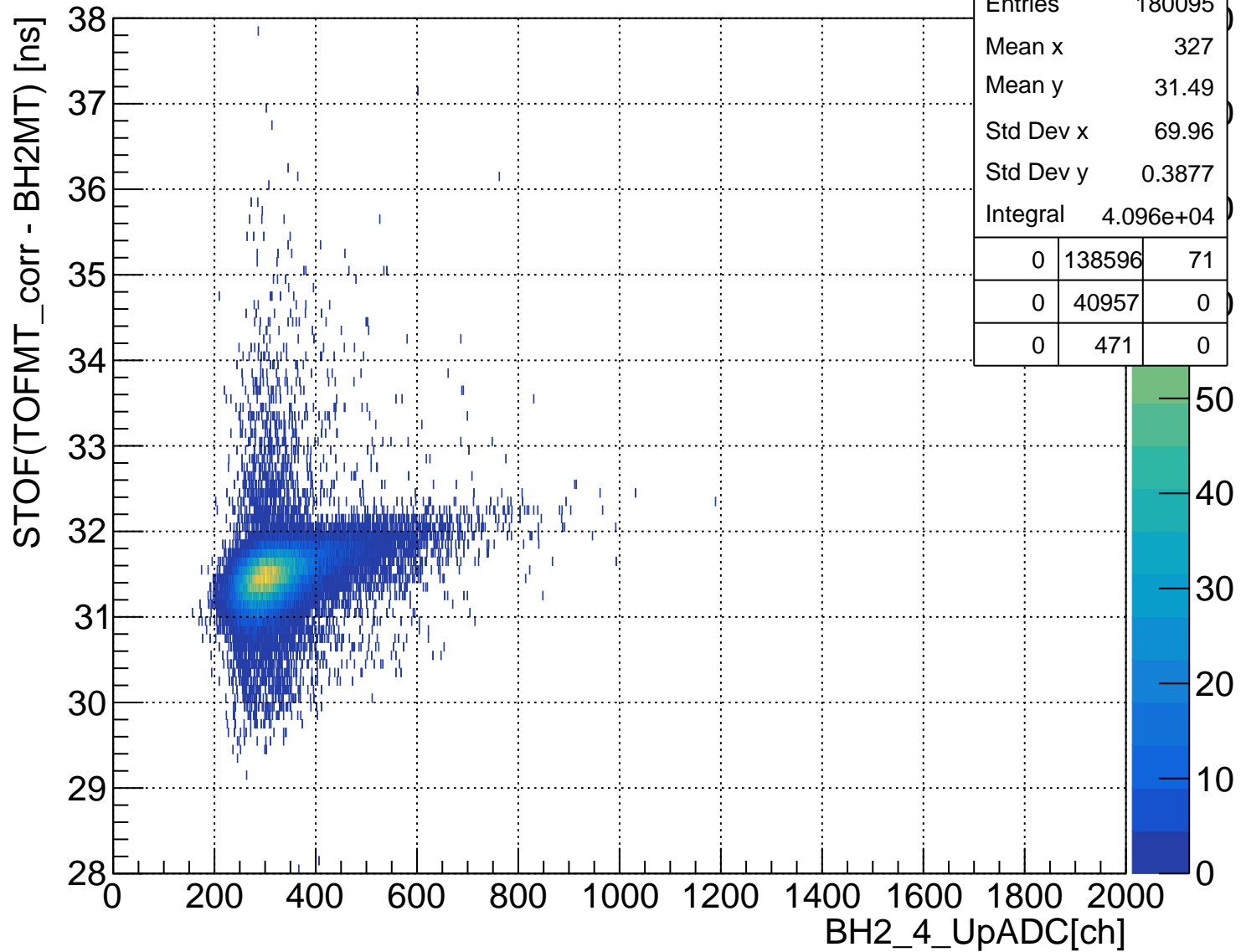




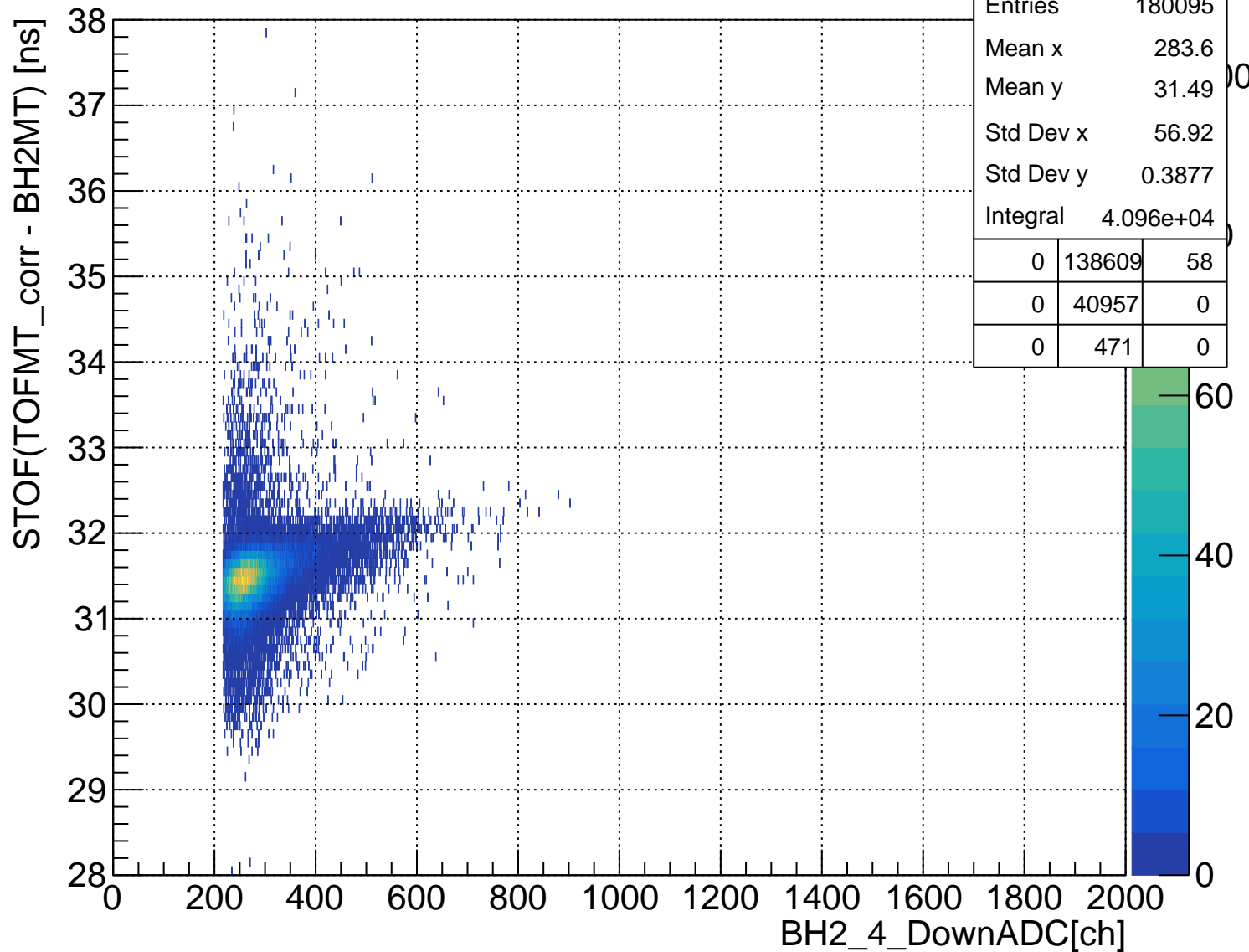
# SHist4



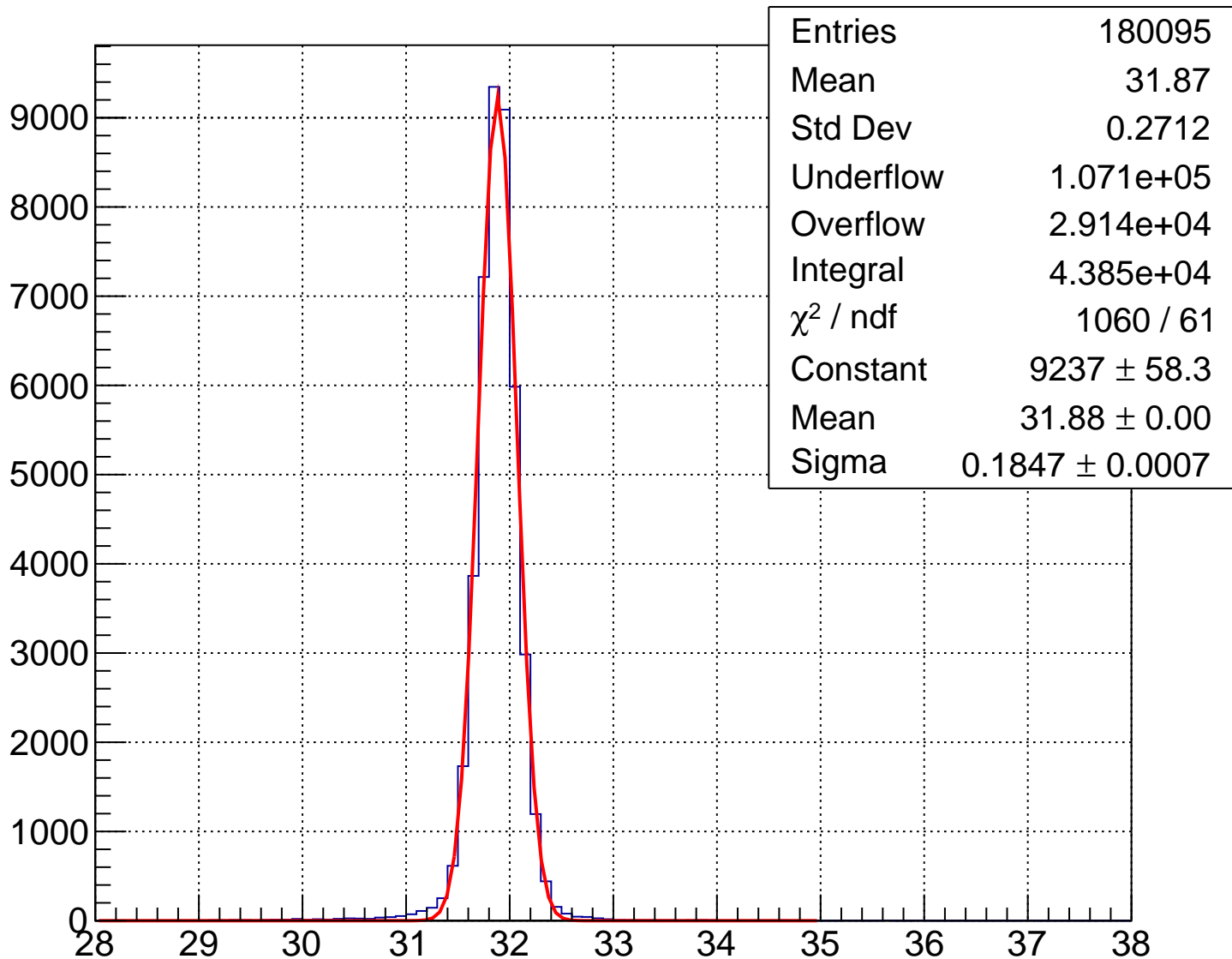
# SHist12



# SHist13



# STOFCORR1



# STOFCORR2

