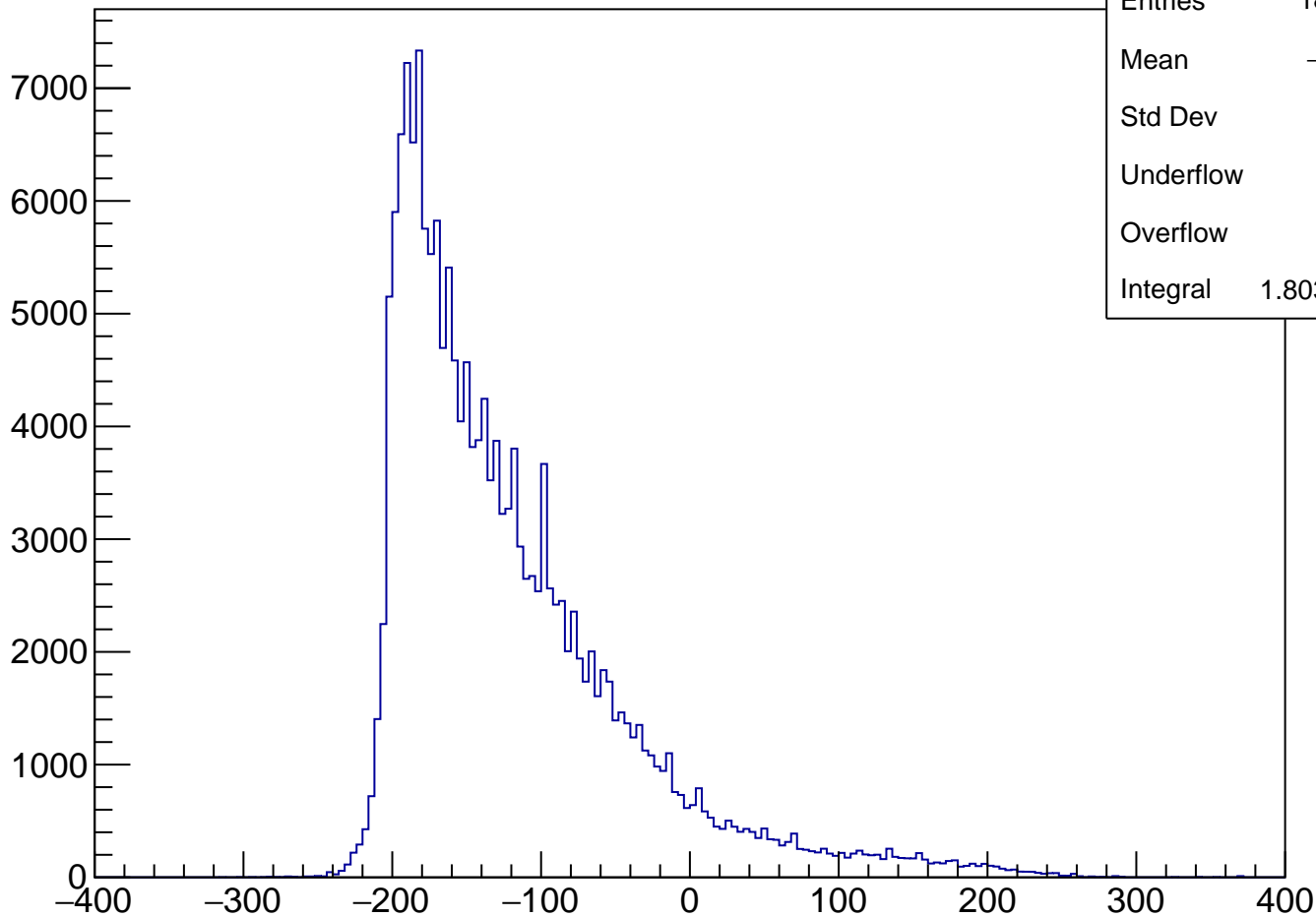
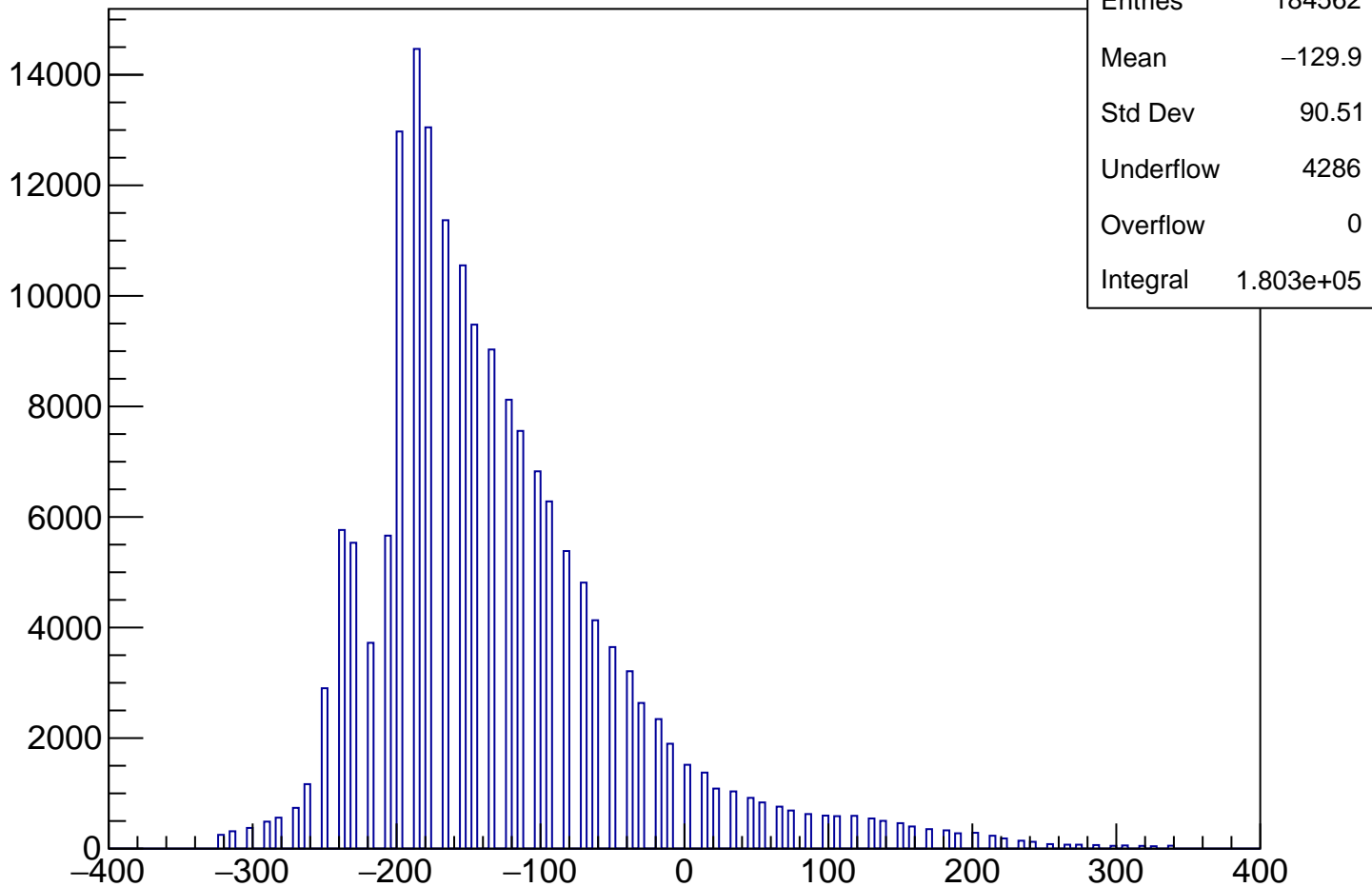


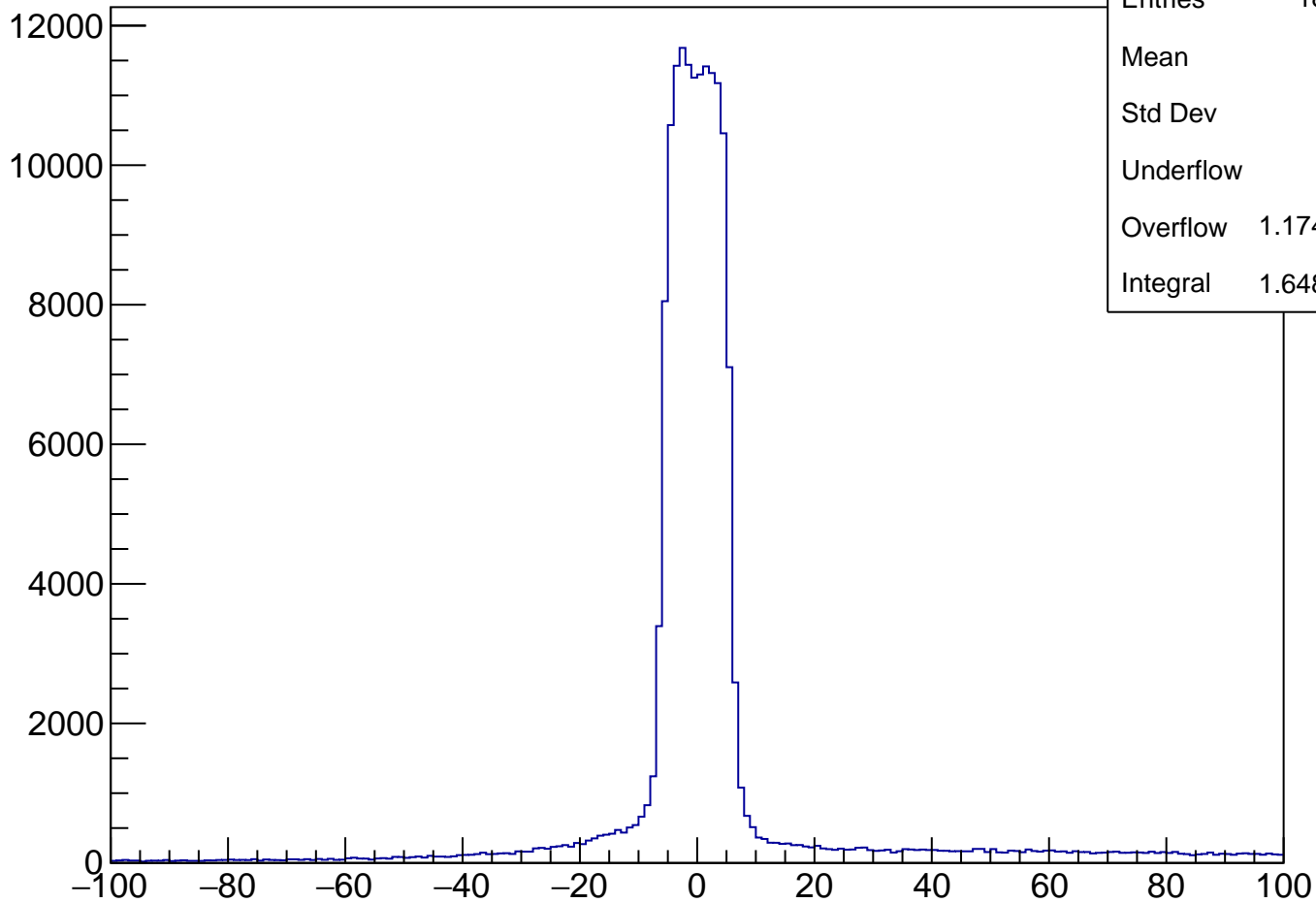
vpx[1]



Sch Position by HitSegment

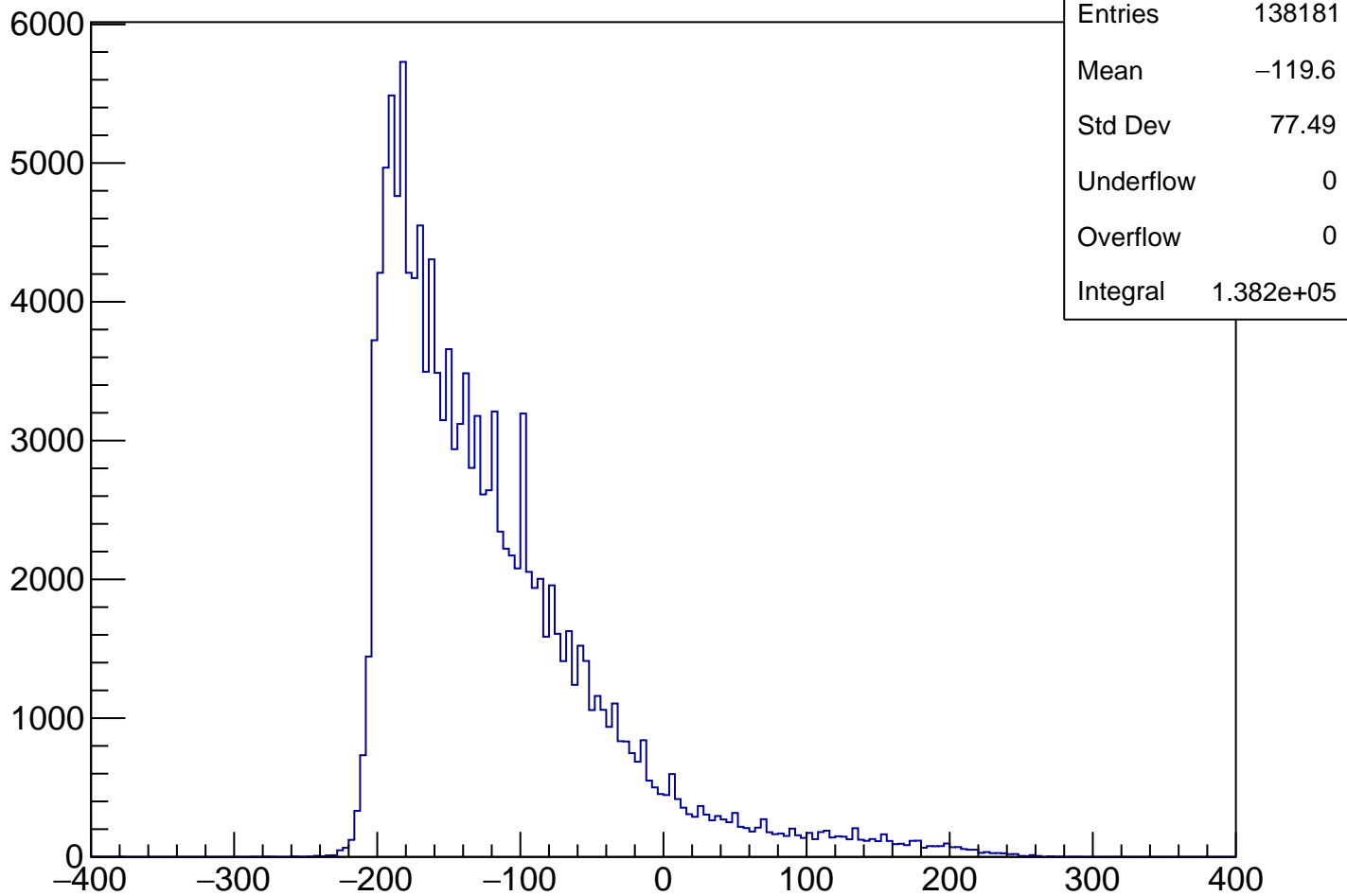


delta_x

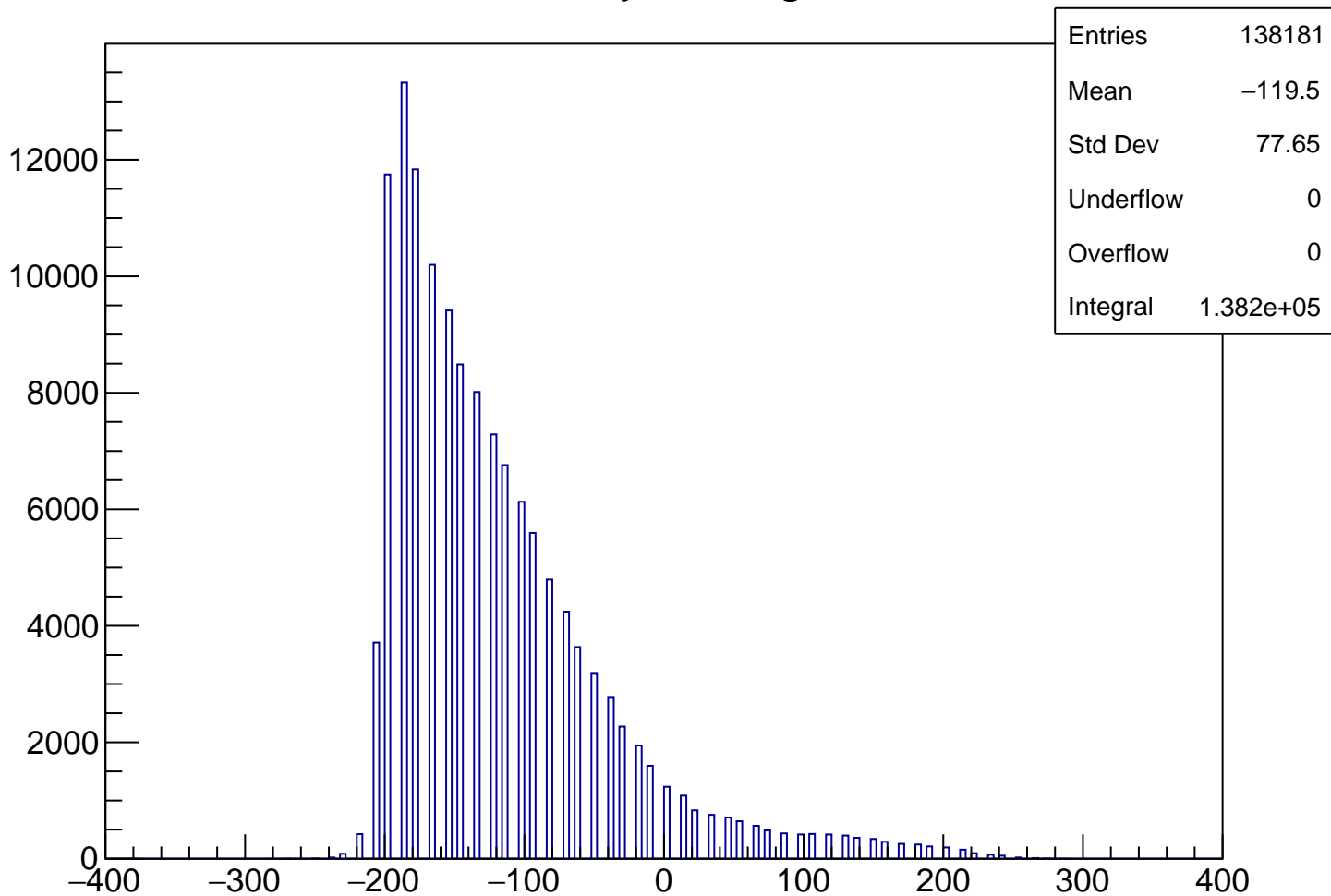


Entries	184562
Mean	2.406
Std Dev	20.28
Underflow	7992
Overflow	1.174e+04
Integral	1.648e+05

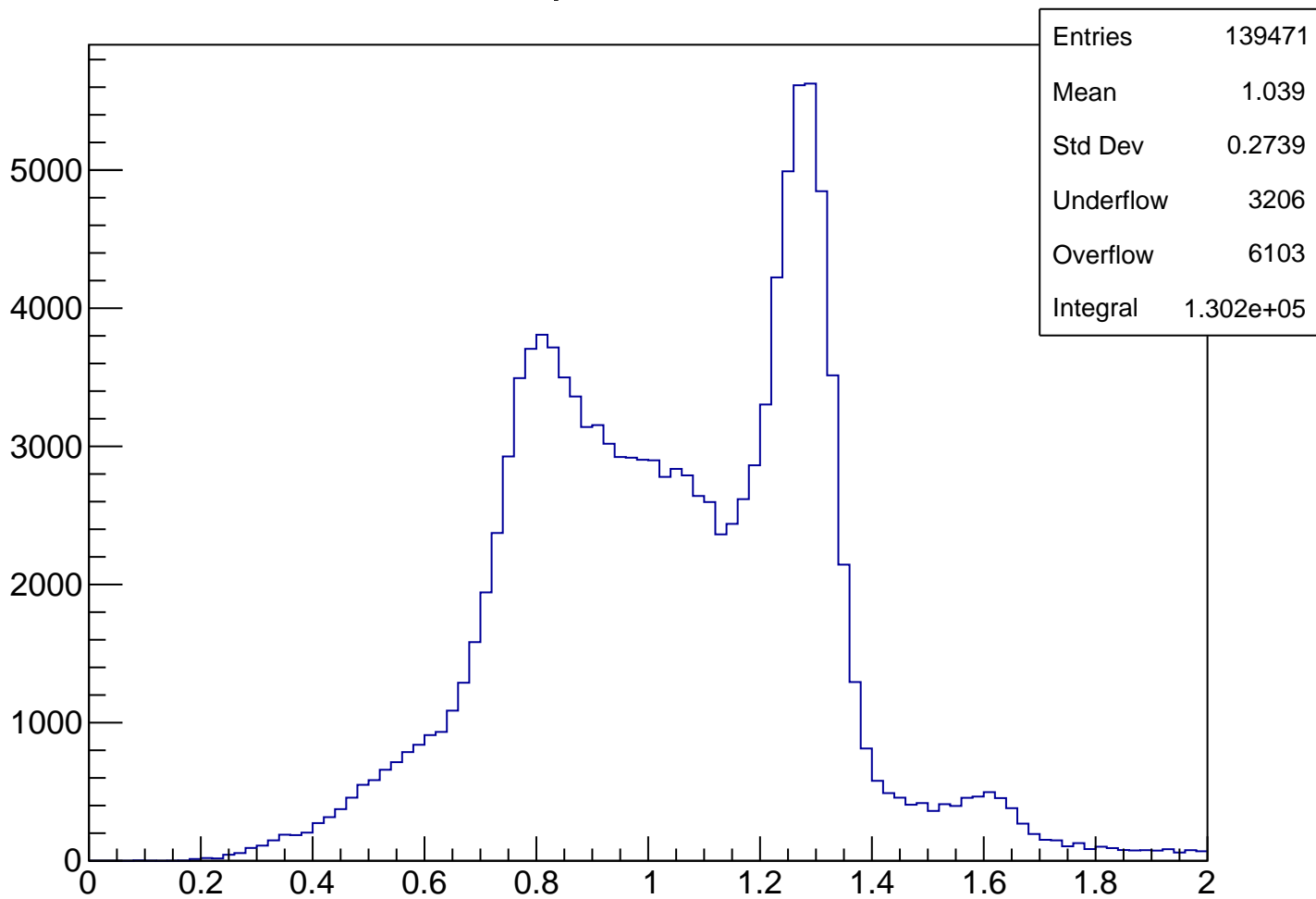
vp_x[1] Cut1



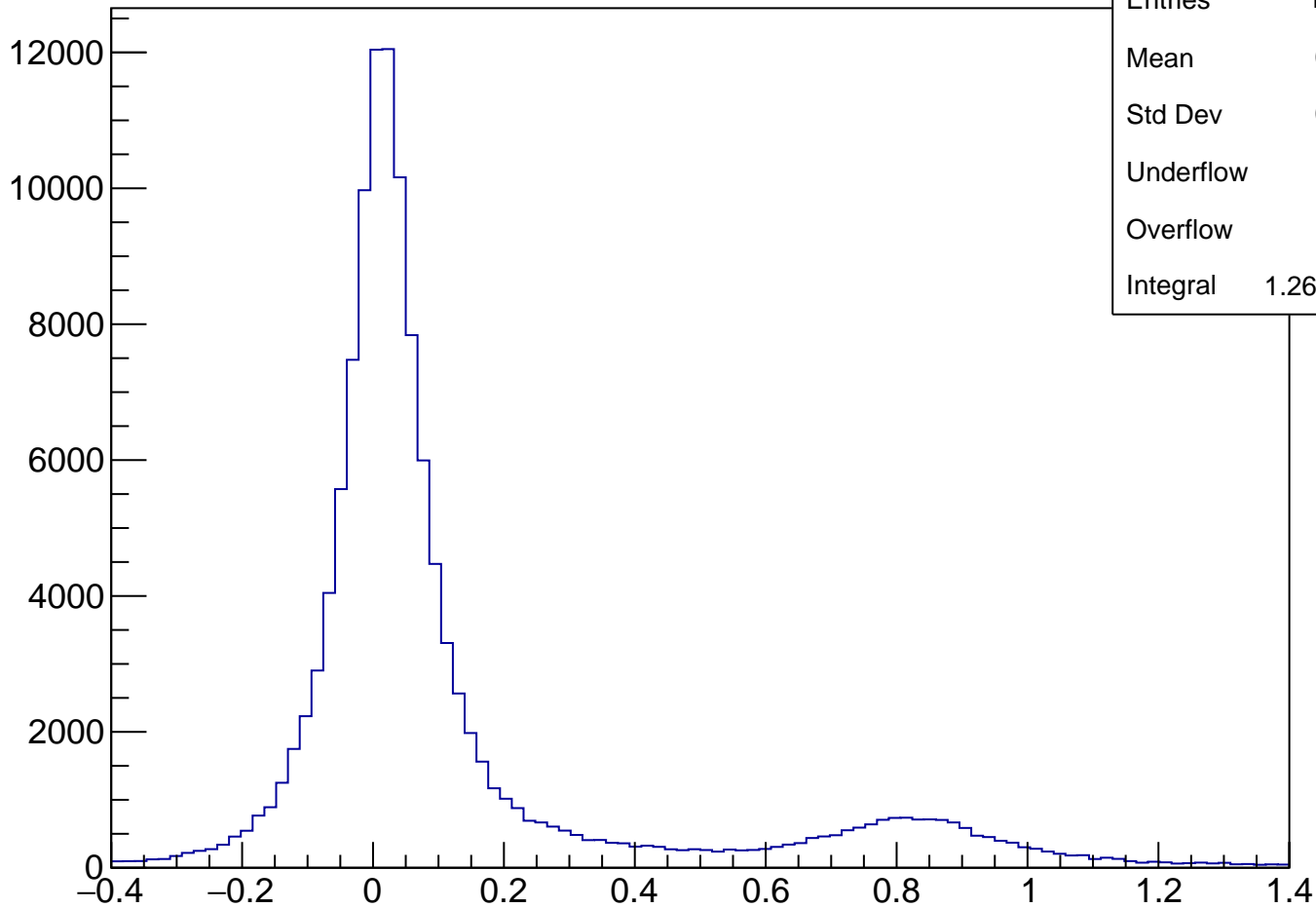
Sch Position by HitSegment Cut1



pKurama

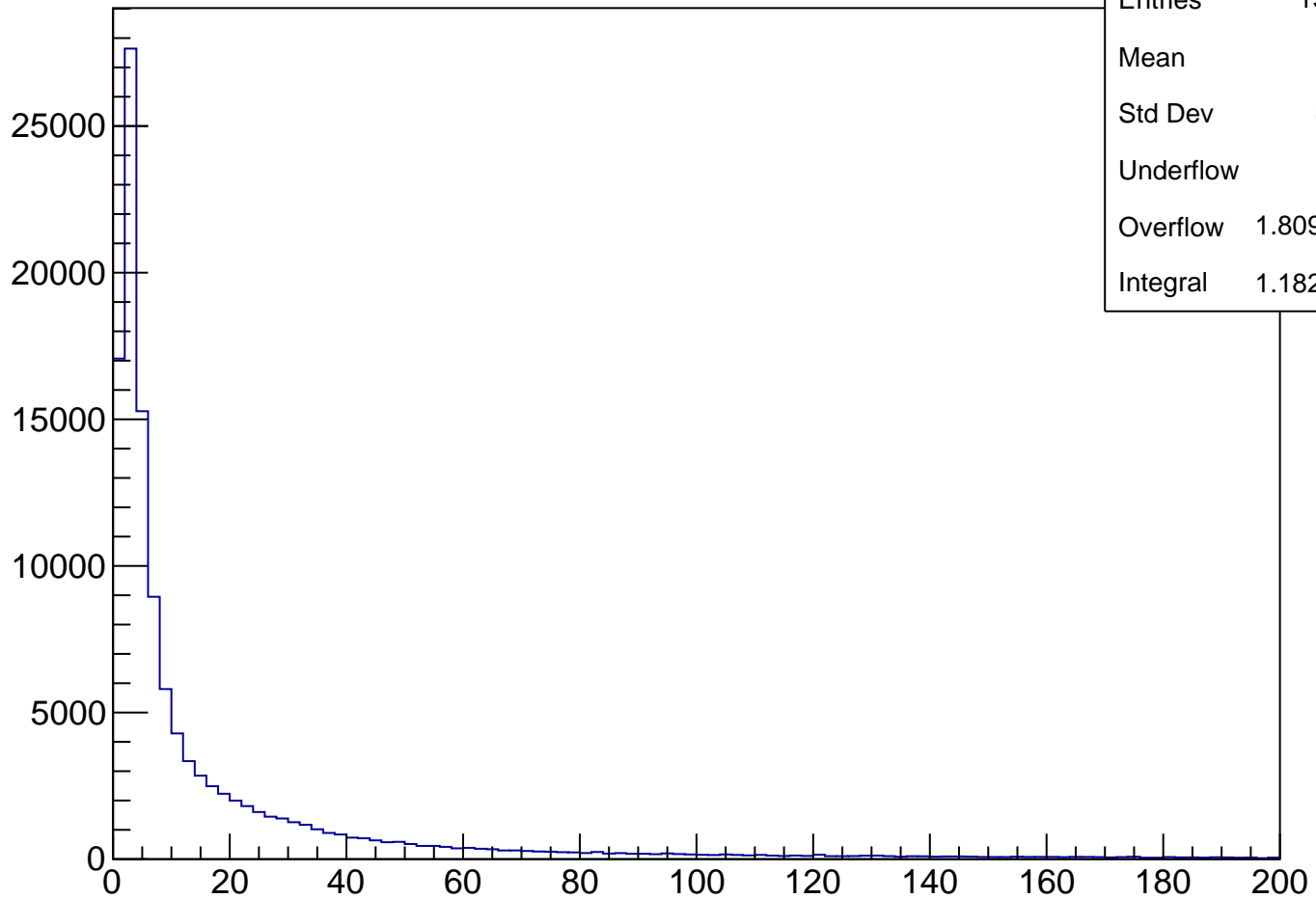


m2



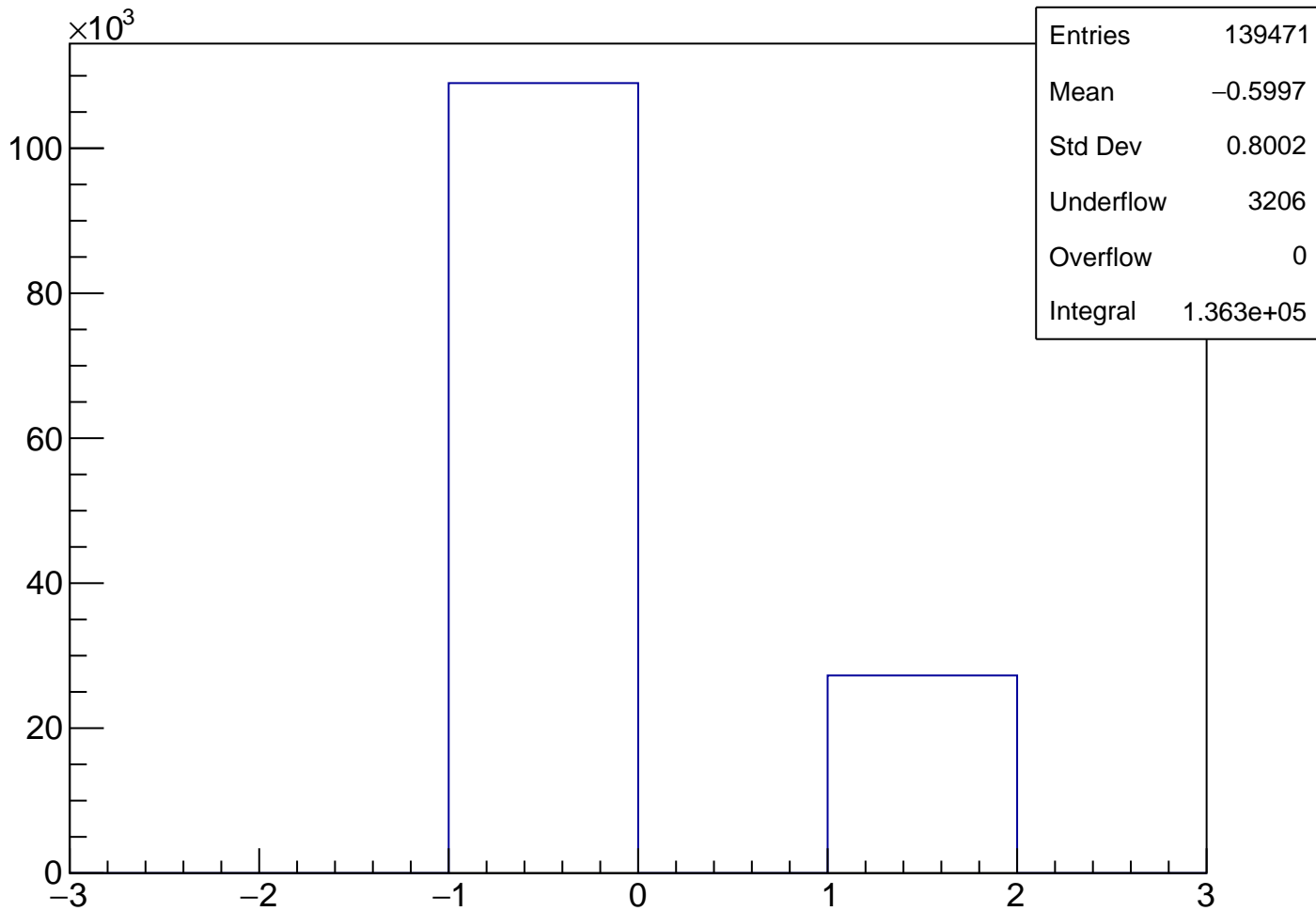
Entries	139471
Mean	0.1301
Std Dev	0.2931
Underflow	5447
Overflow	7326
Integral	1.267e+05

chisqrKurama

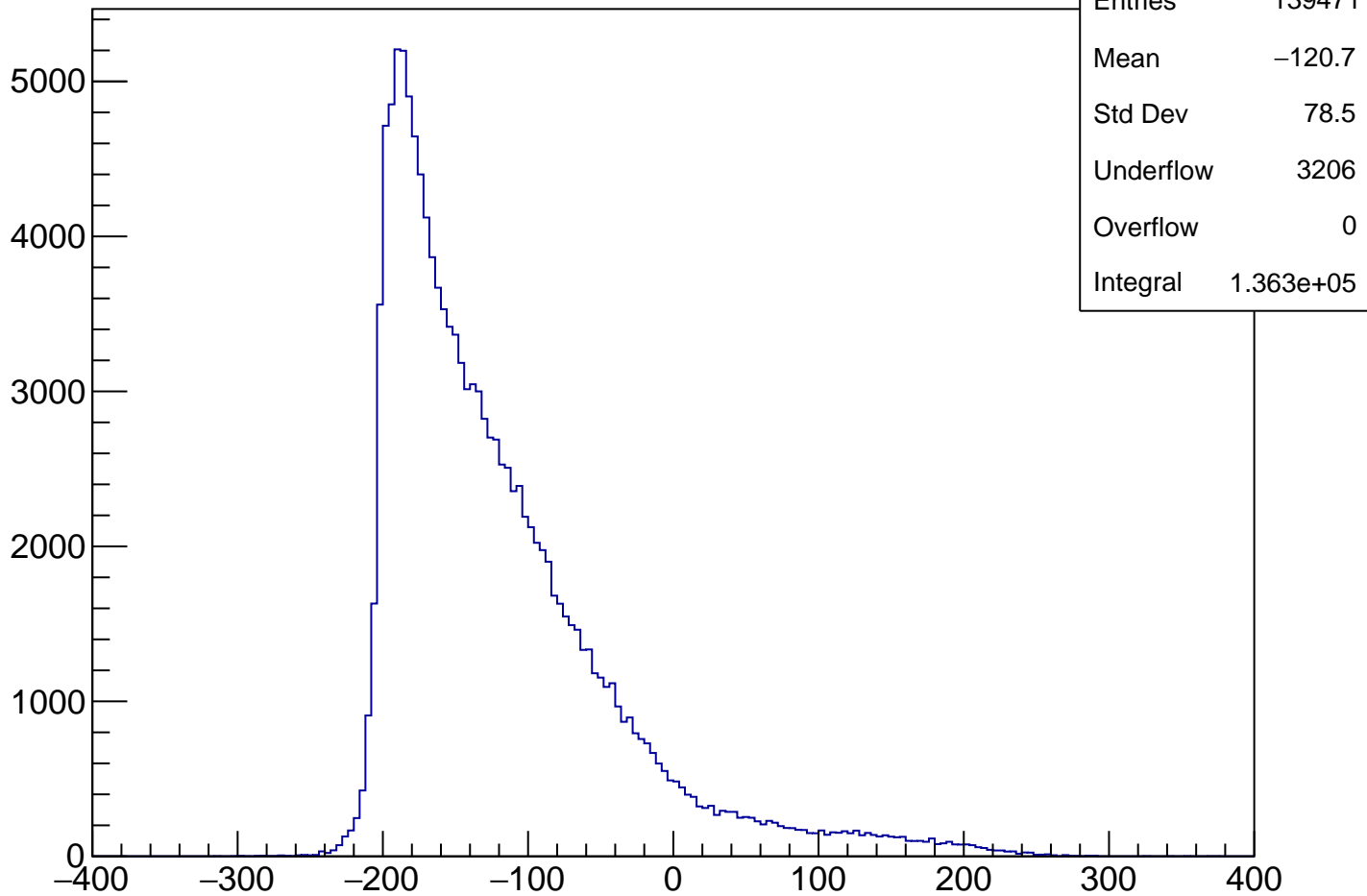


Entries	139471
Mean	18.32
Std Dev	30.72
Underflow	3206
Overflow	1.809e+04
Integral	1.182e+05

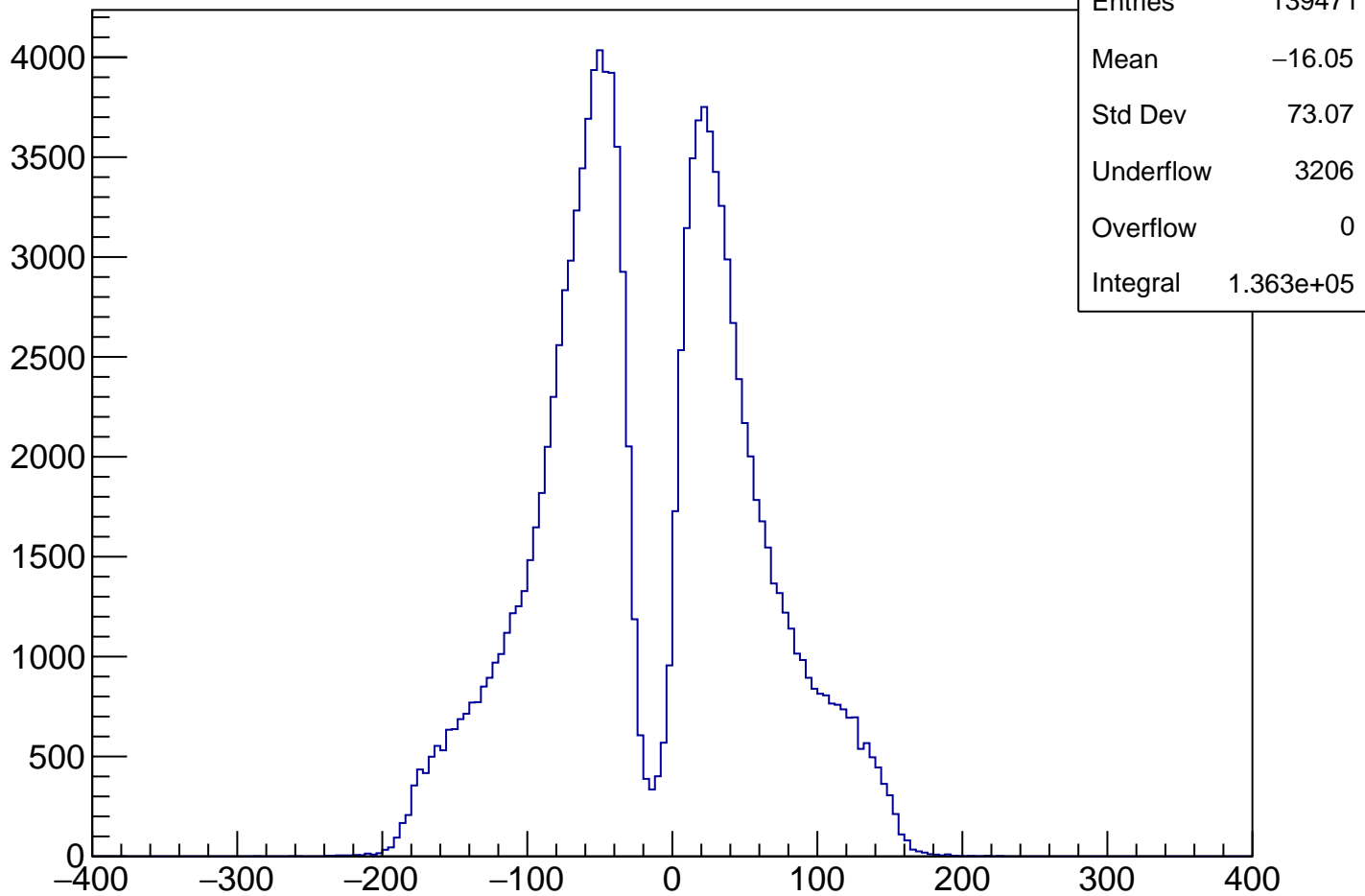
qKurama



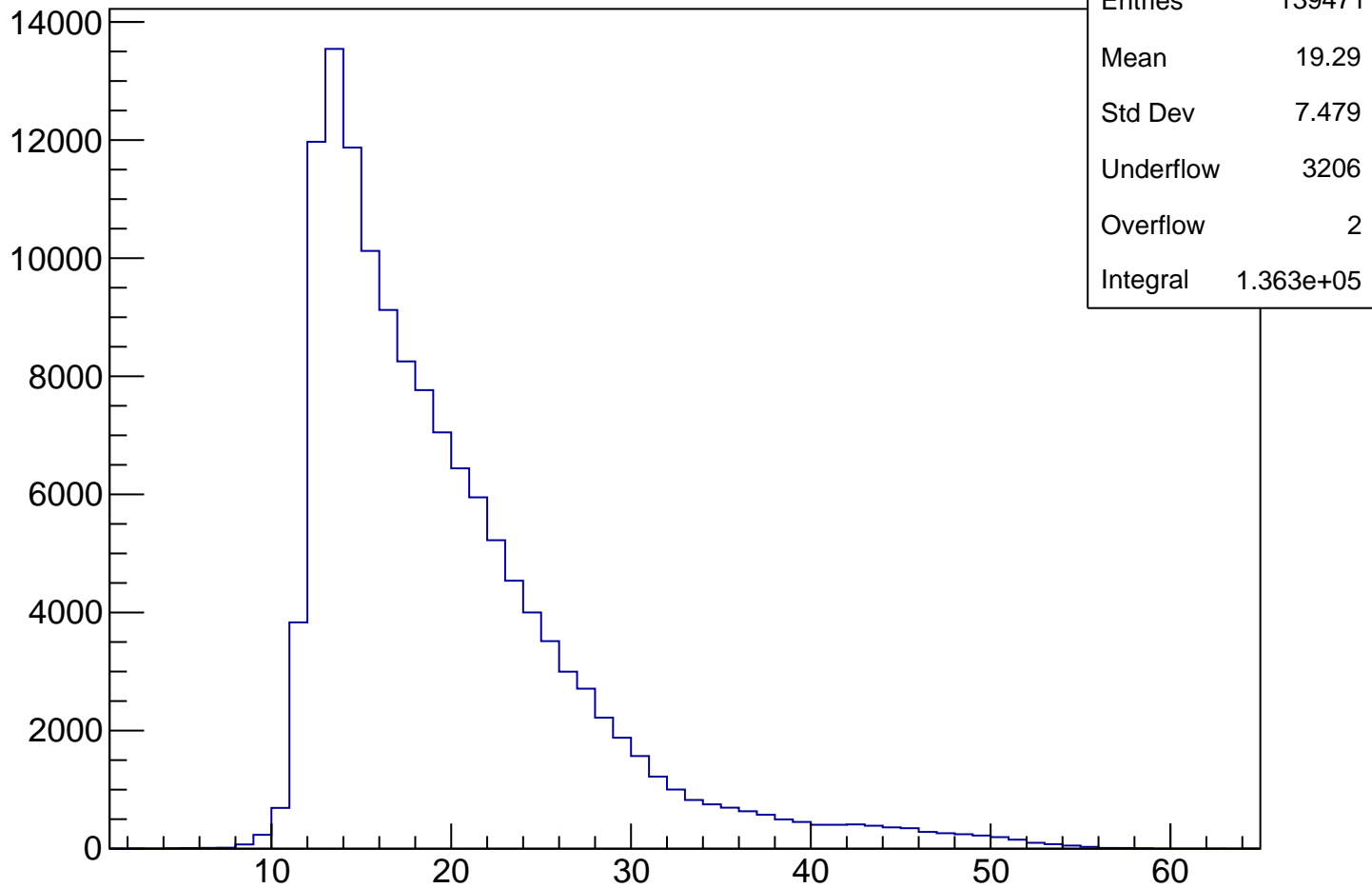
vpx[1] 2



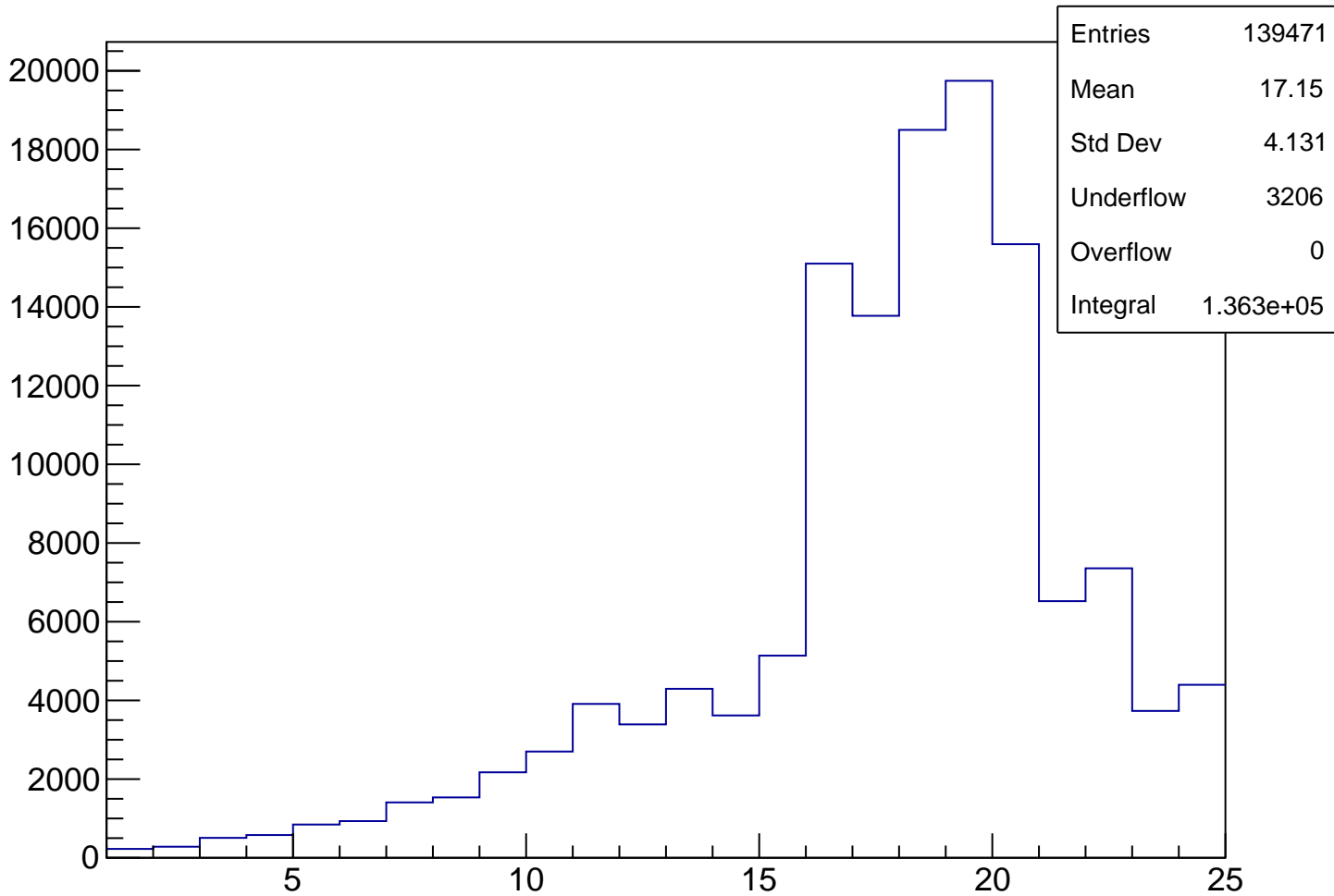
vpy[1]



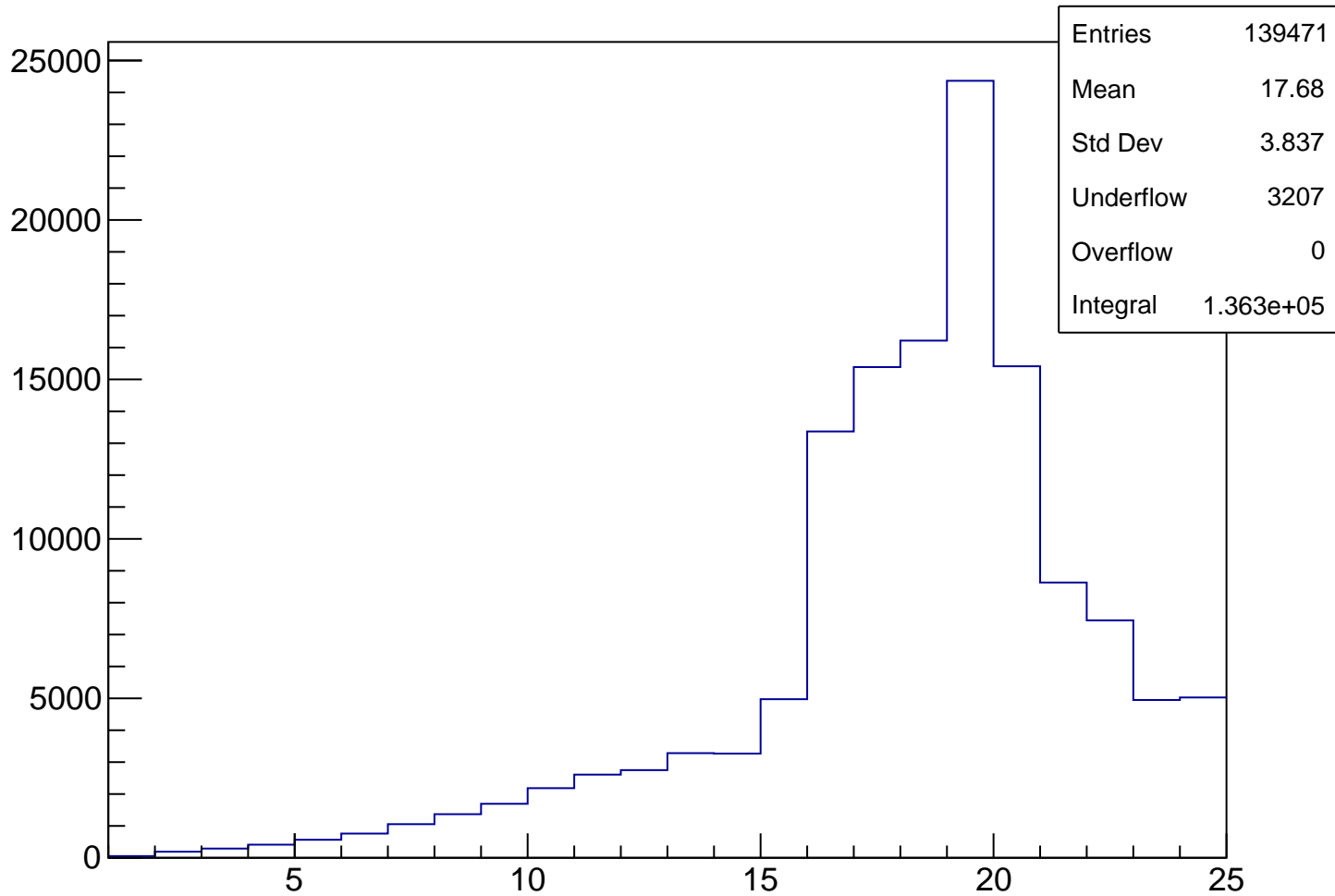
vpseg[1]



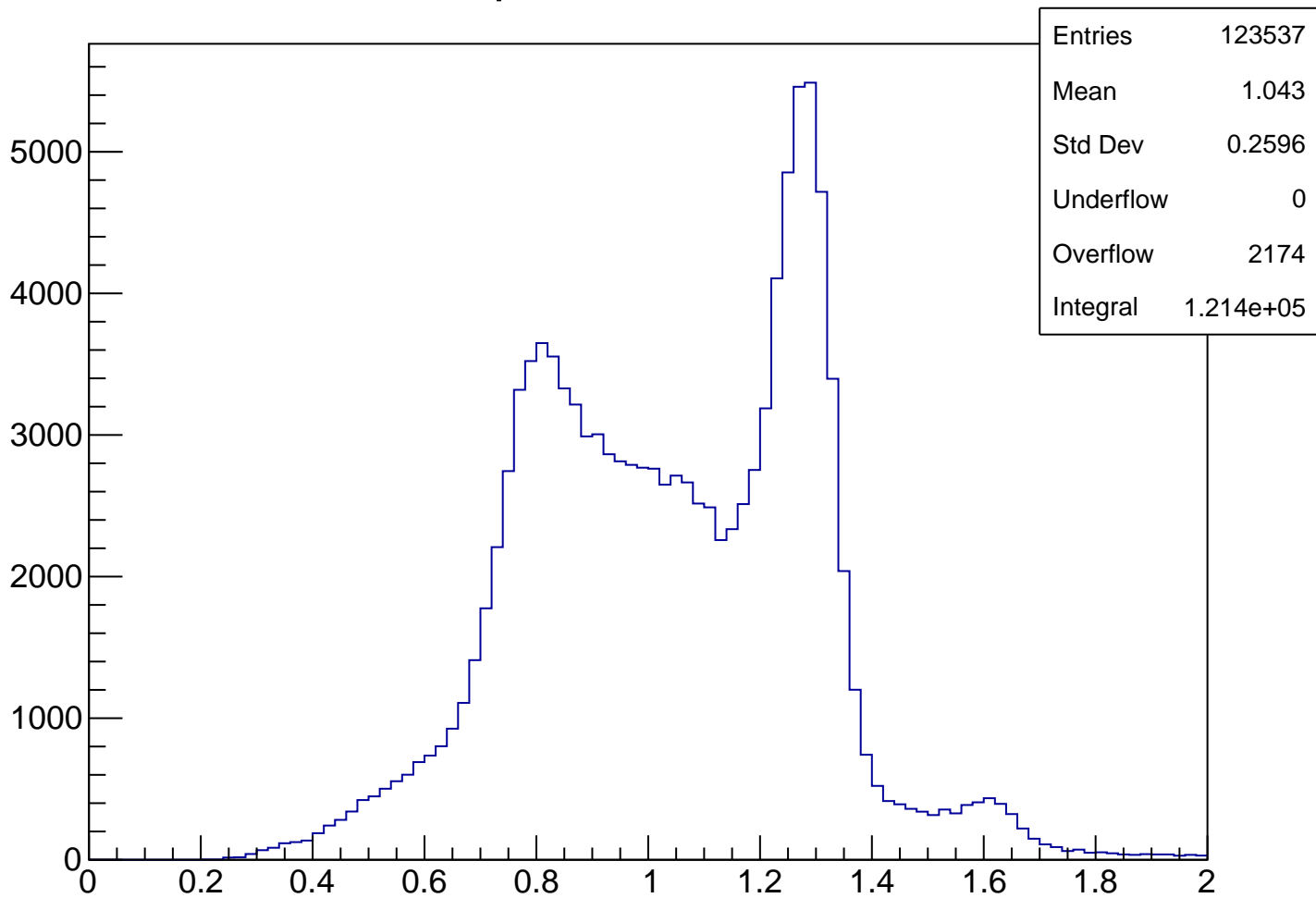
TofSeg[0]



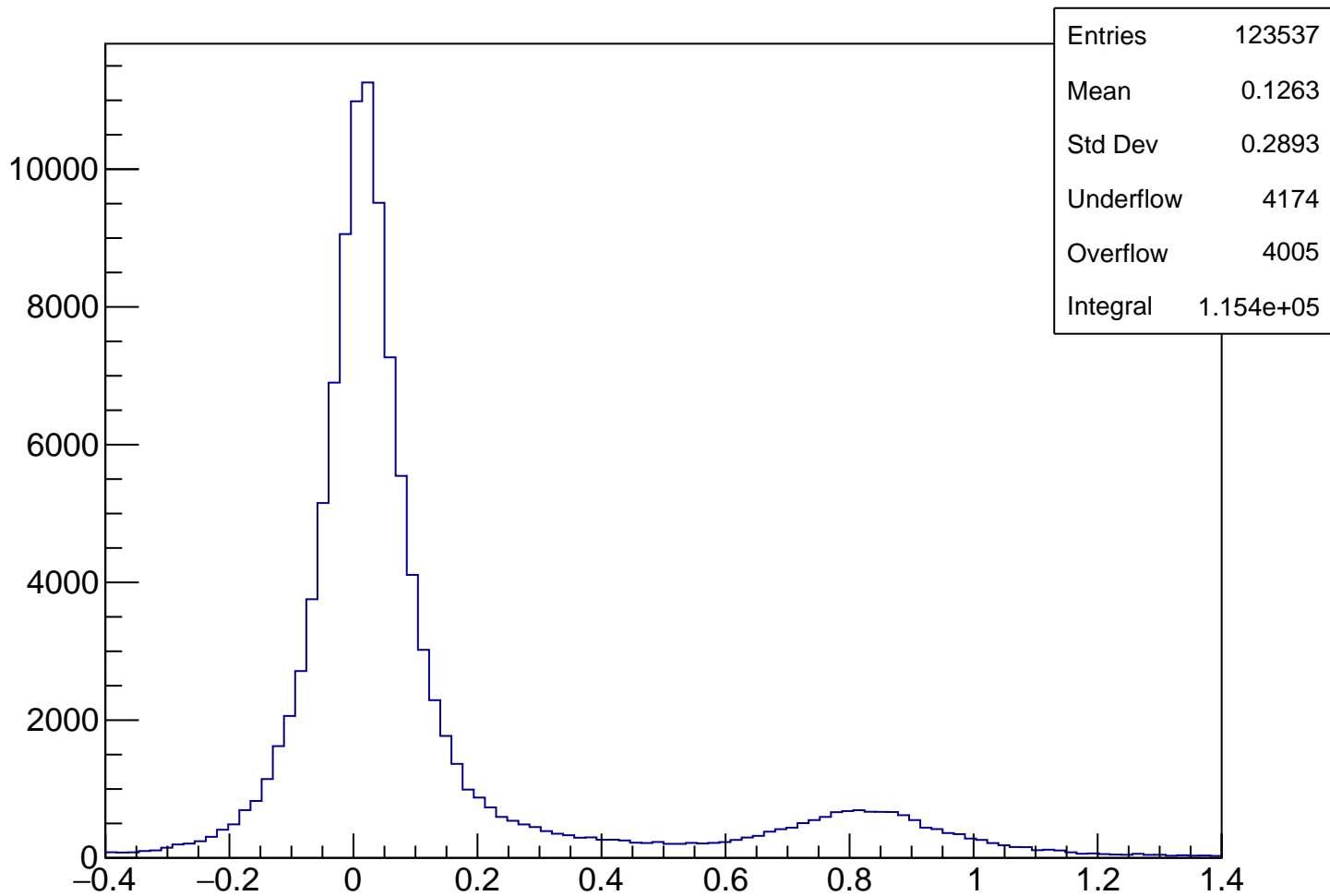
tofsegKurama[0]



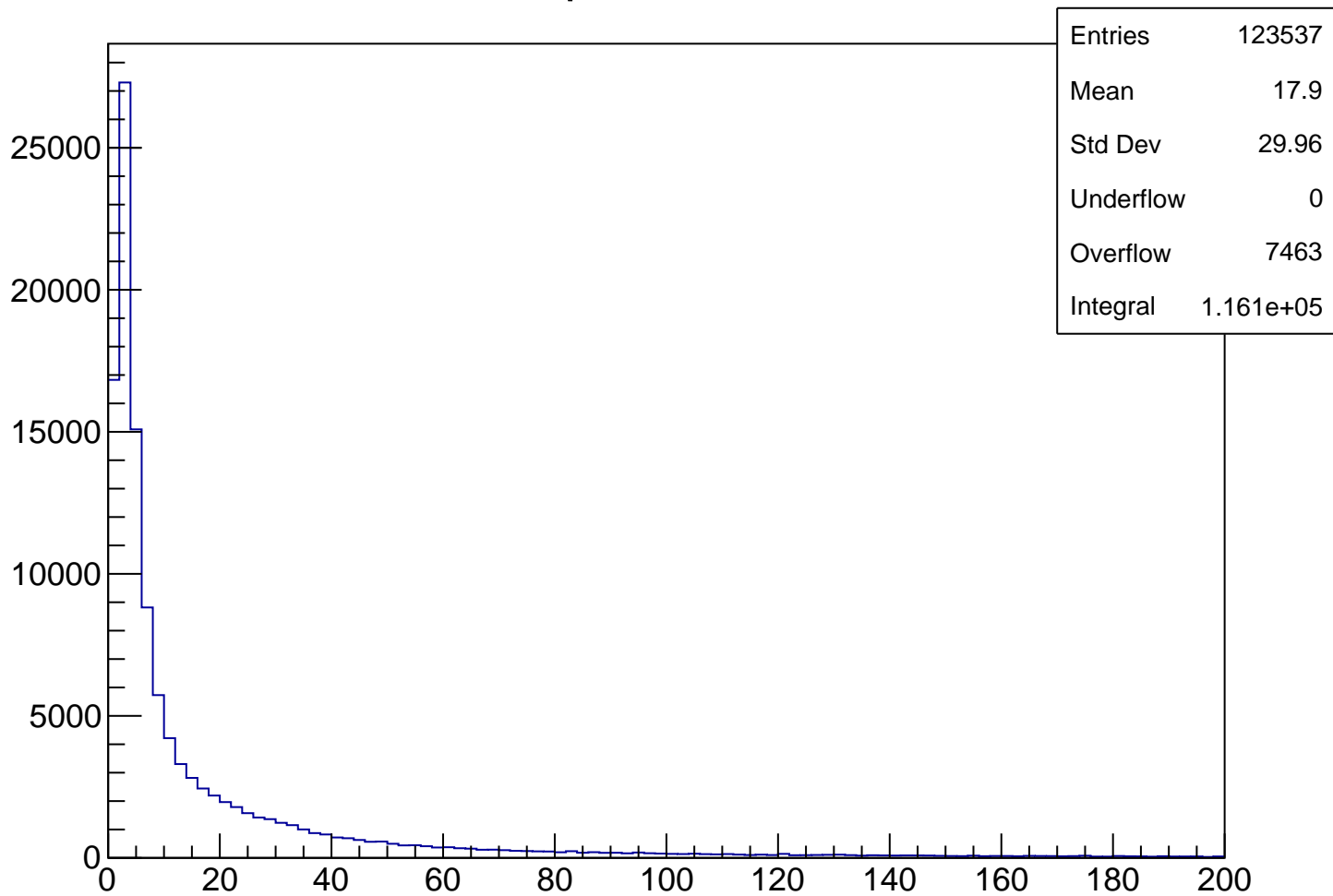
pKurama Cut1



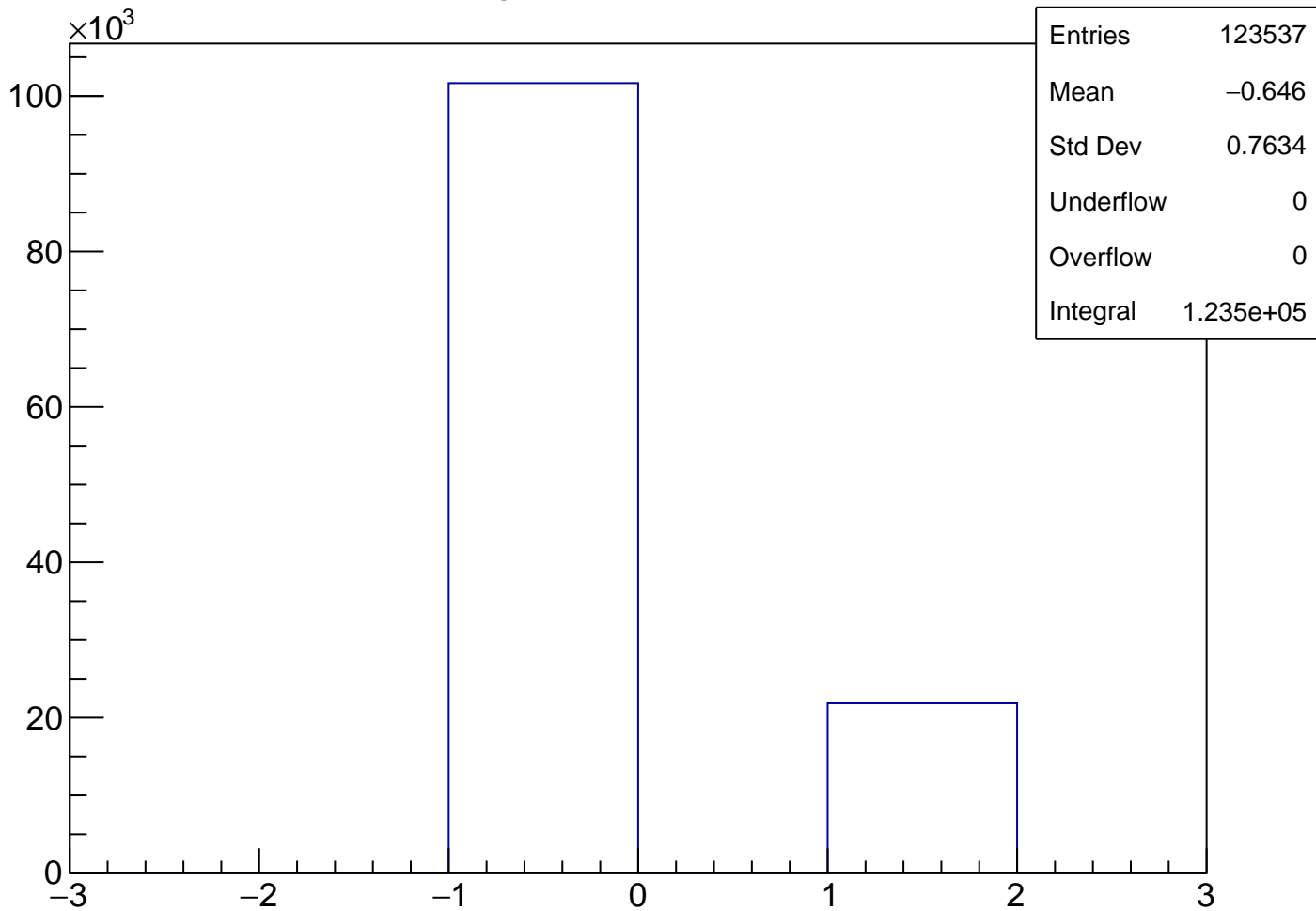
m2 Cut1



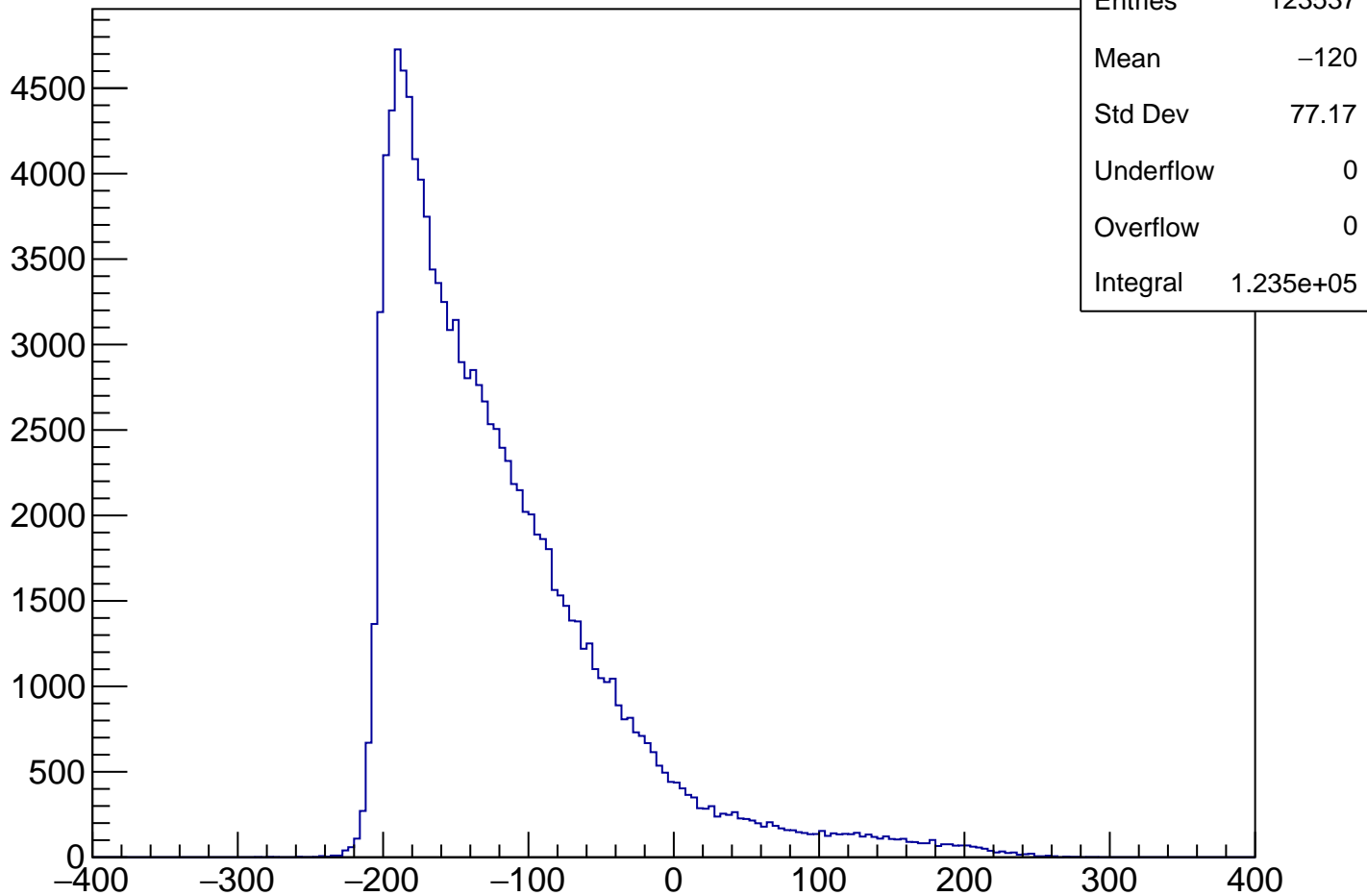
chisqrKurama Cut1



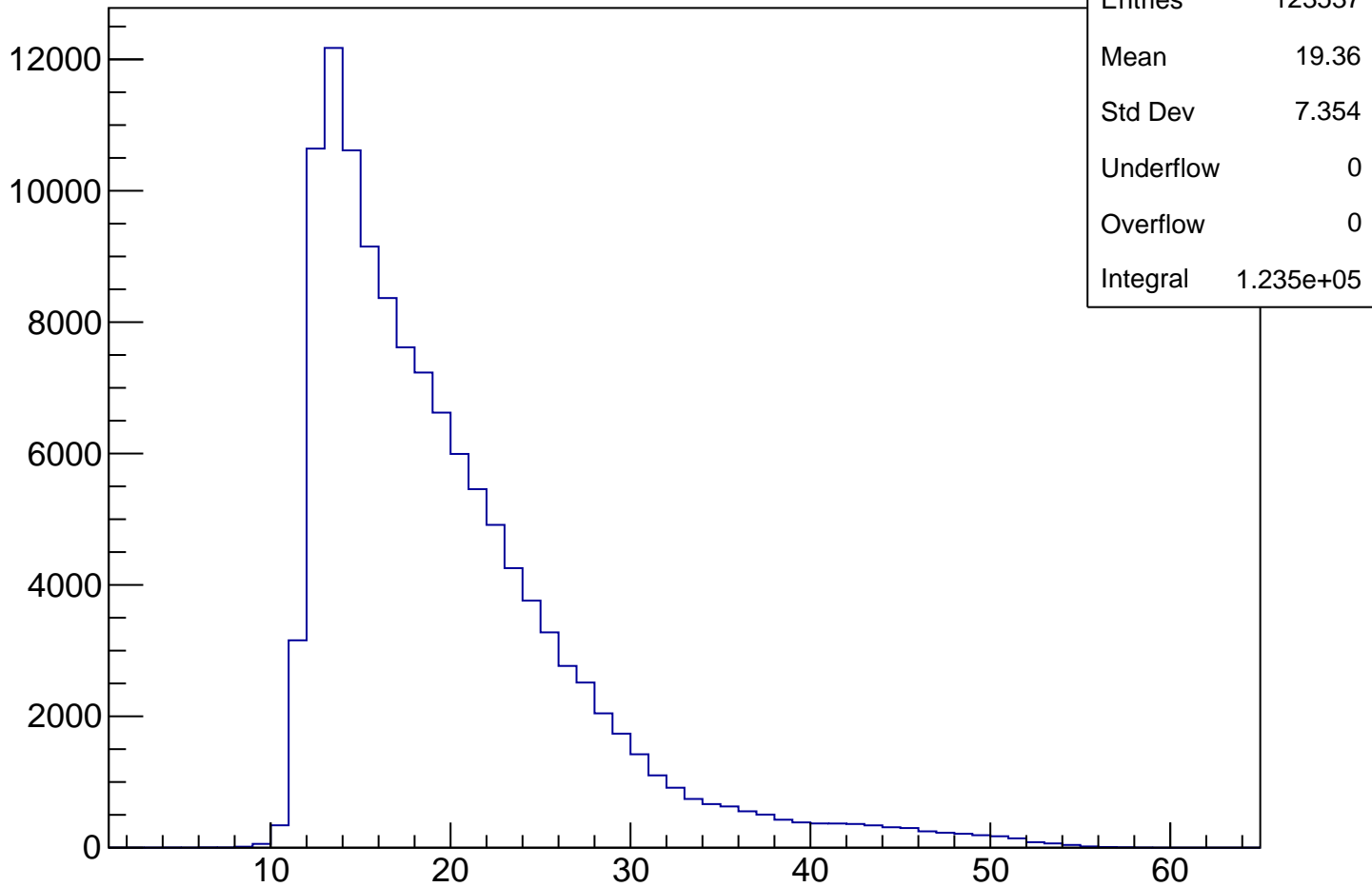
qKurama Cut1



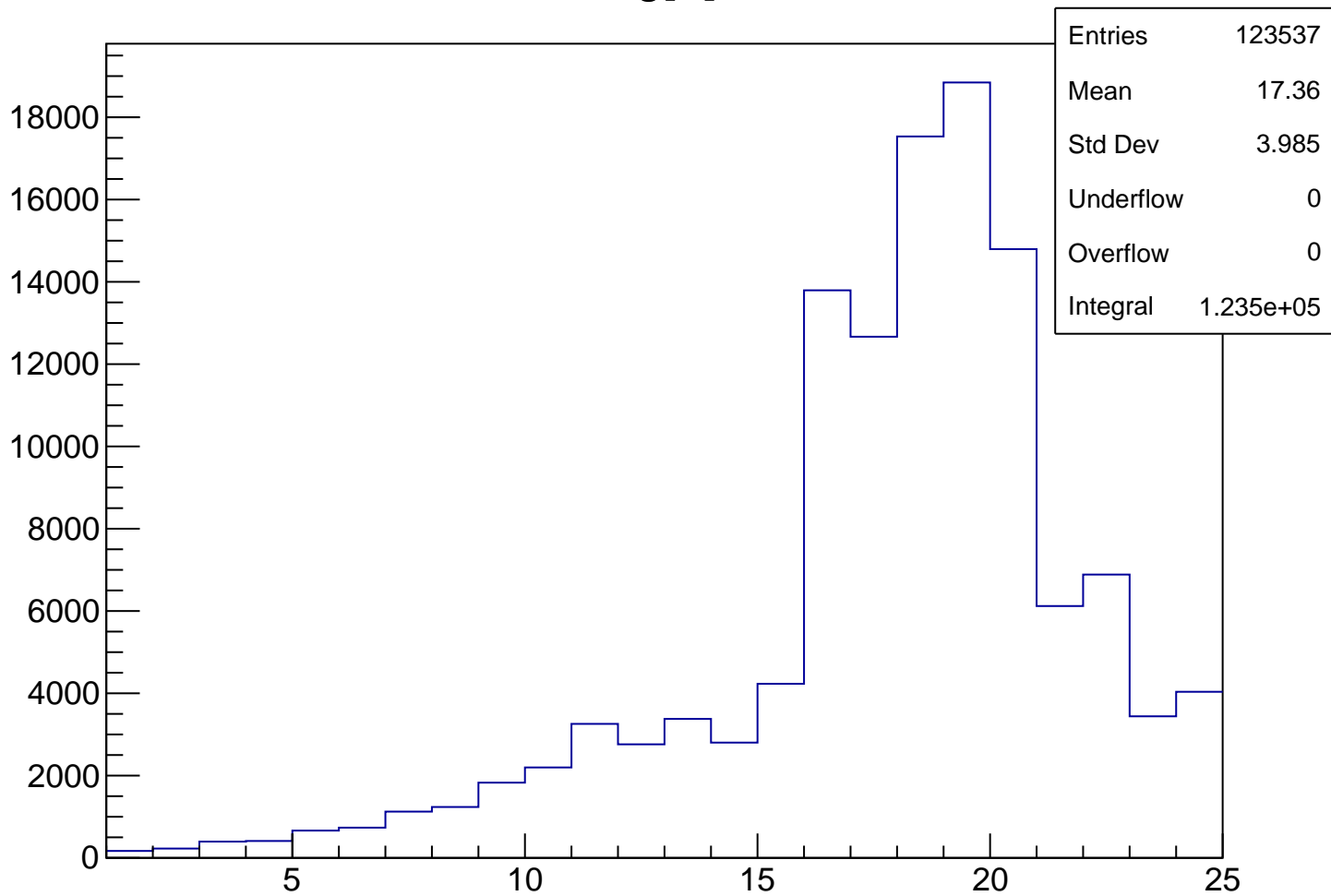
vp_x[1] Cut1 2



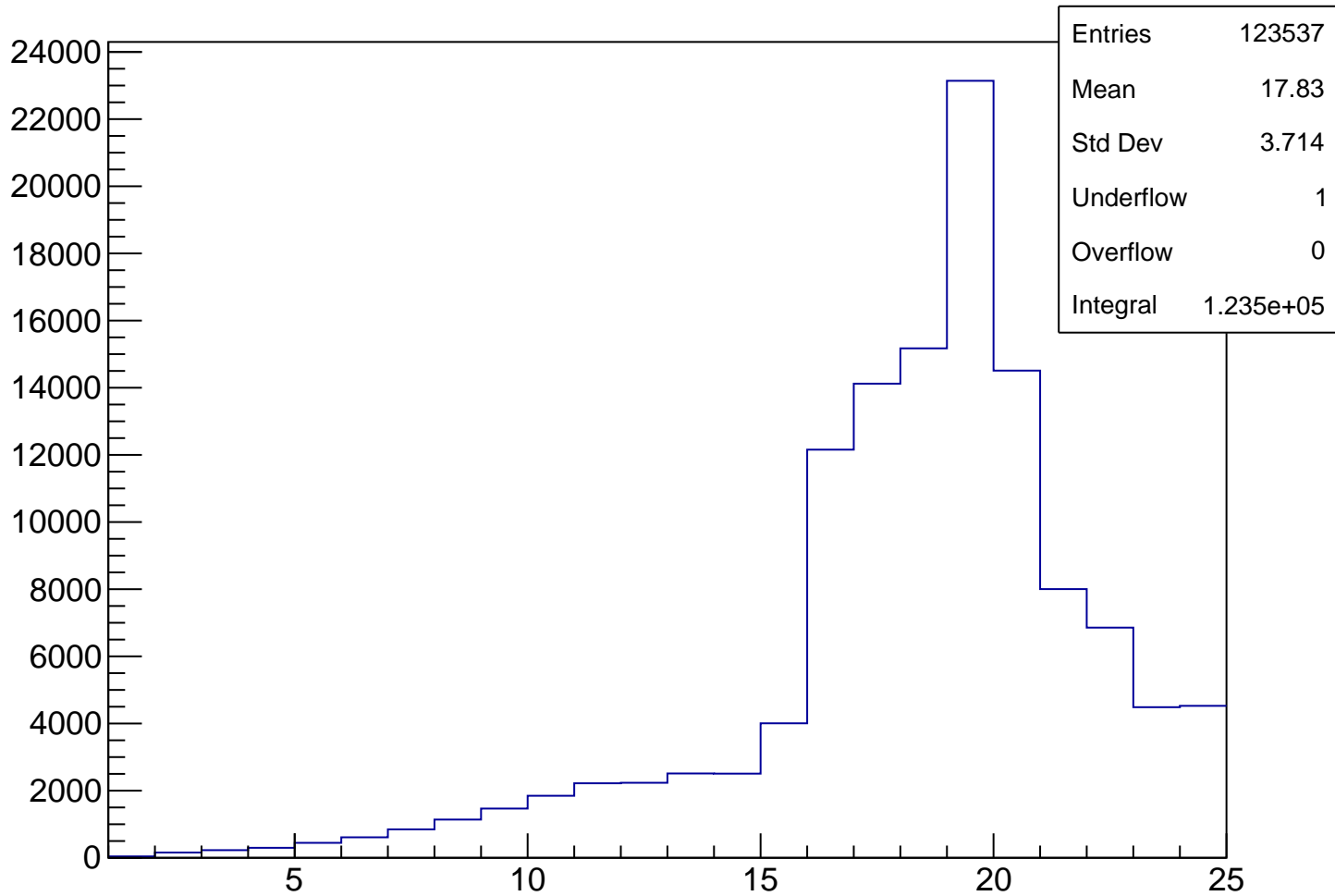
vpseg[1] Cut1



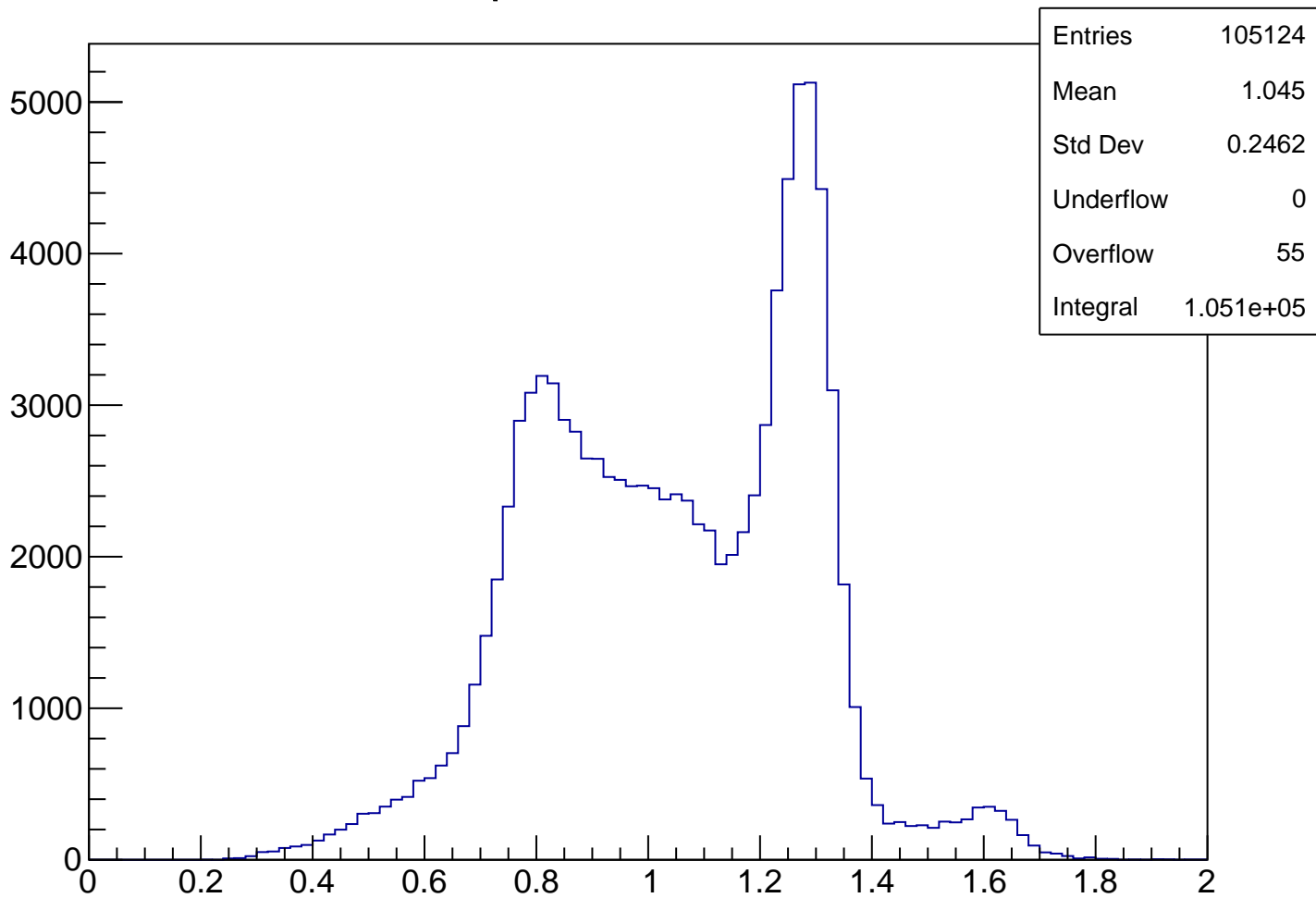
TofSeg[0] Cut1



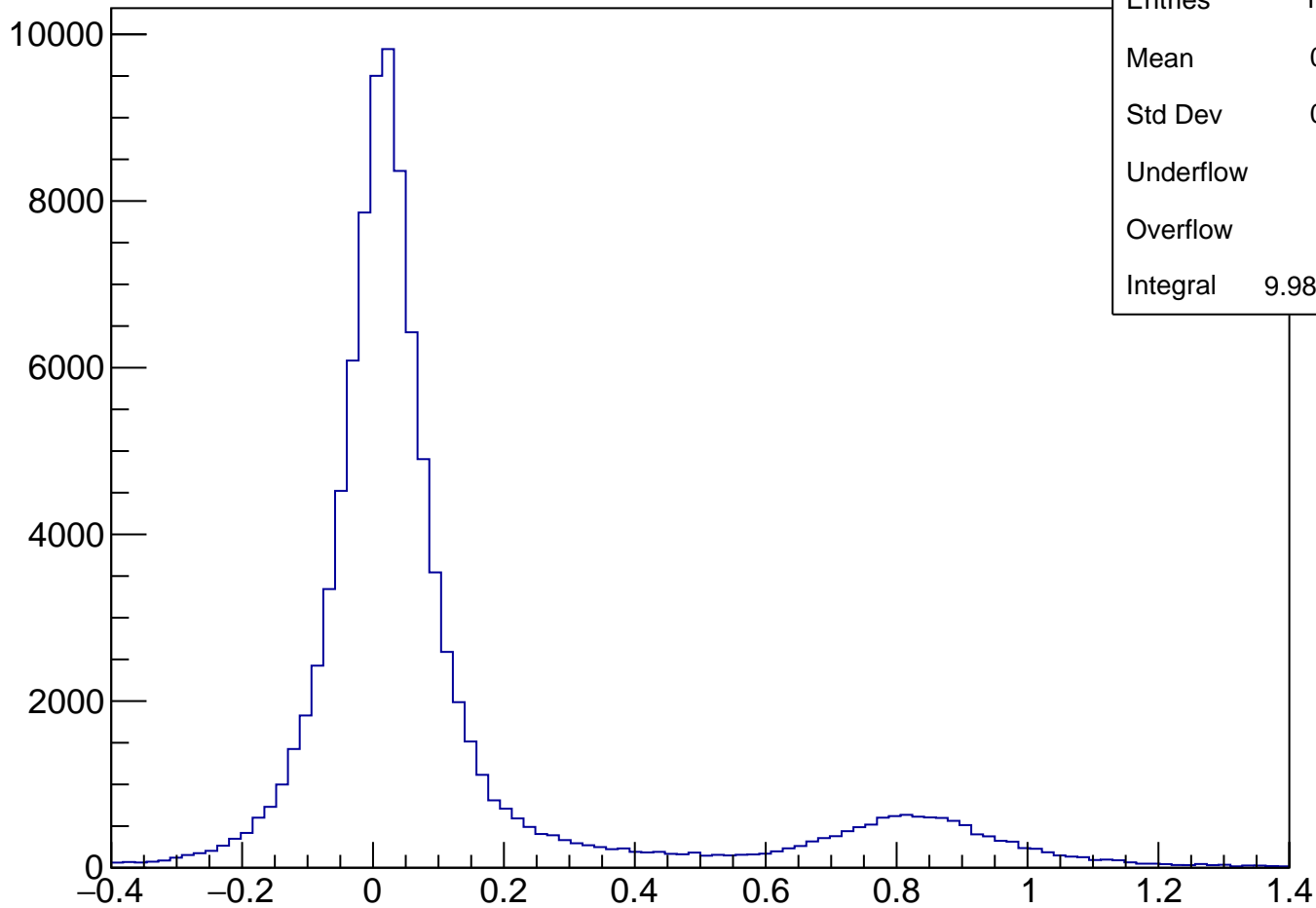
tofsegKurama[0] Cut1



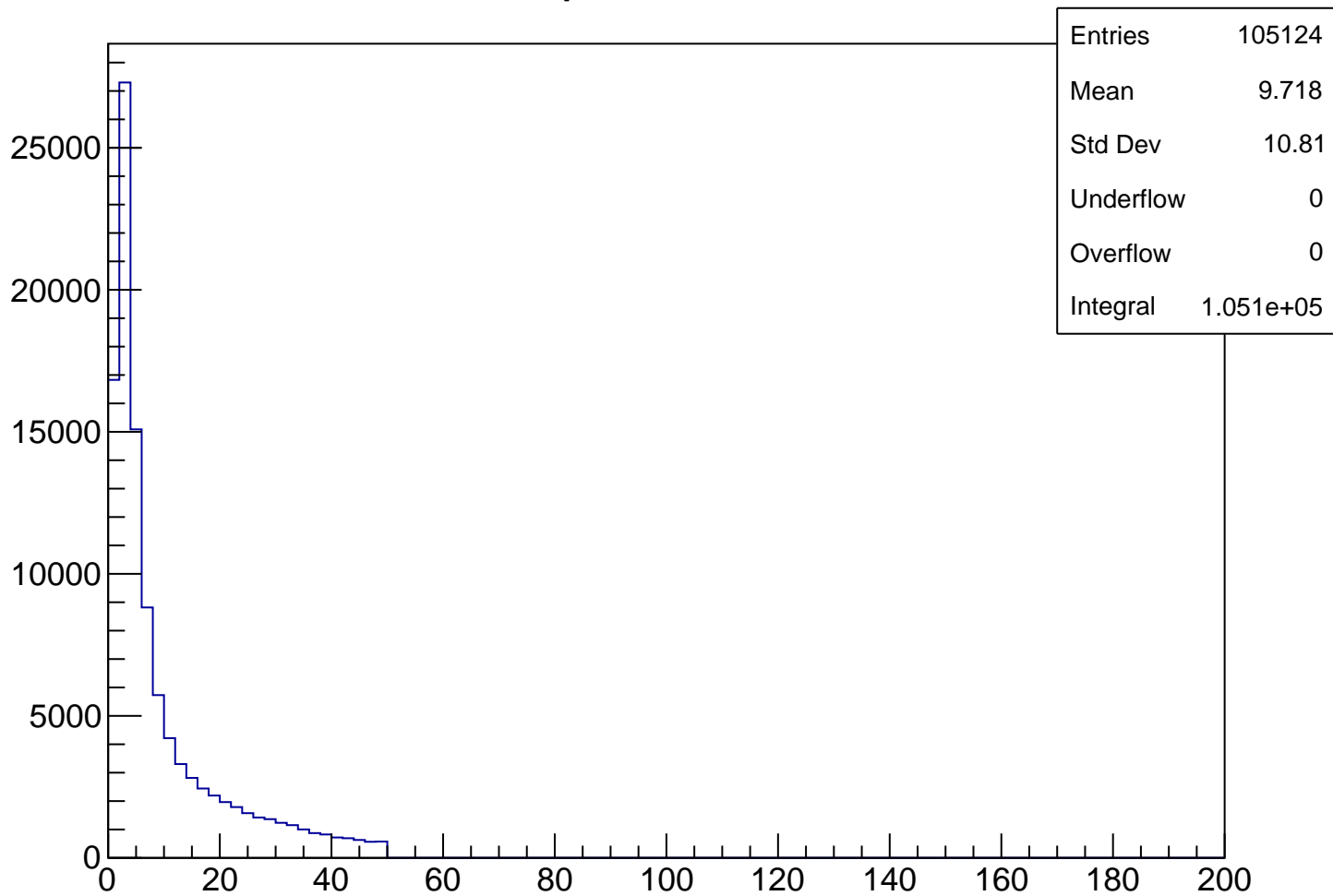
pKurama Cut2



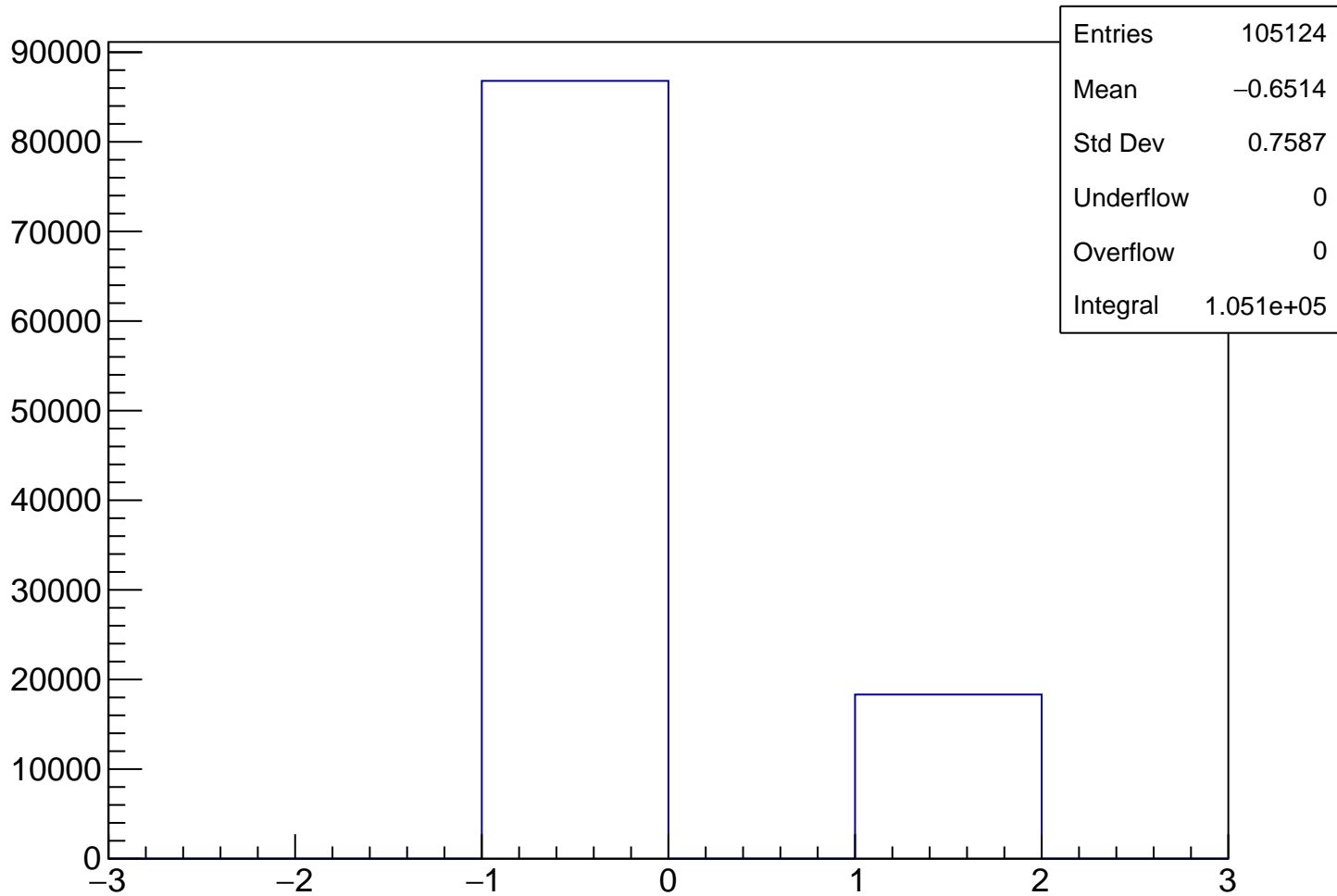
m2 Cut2



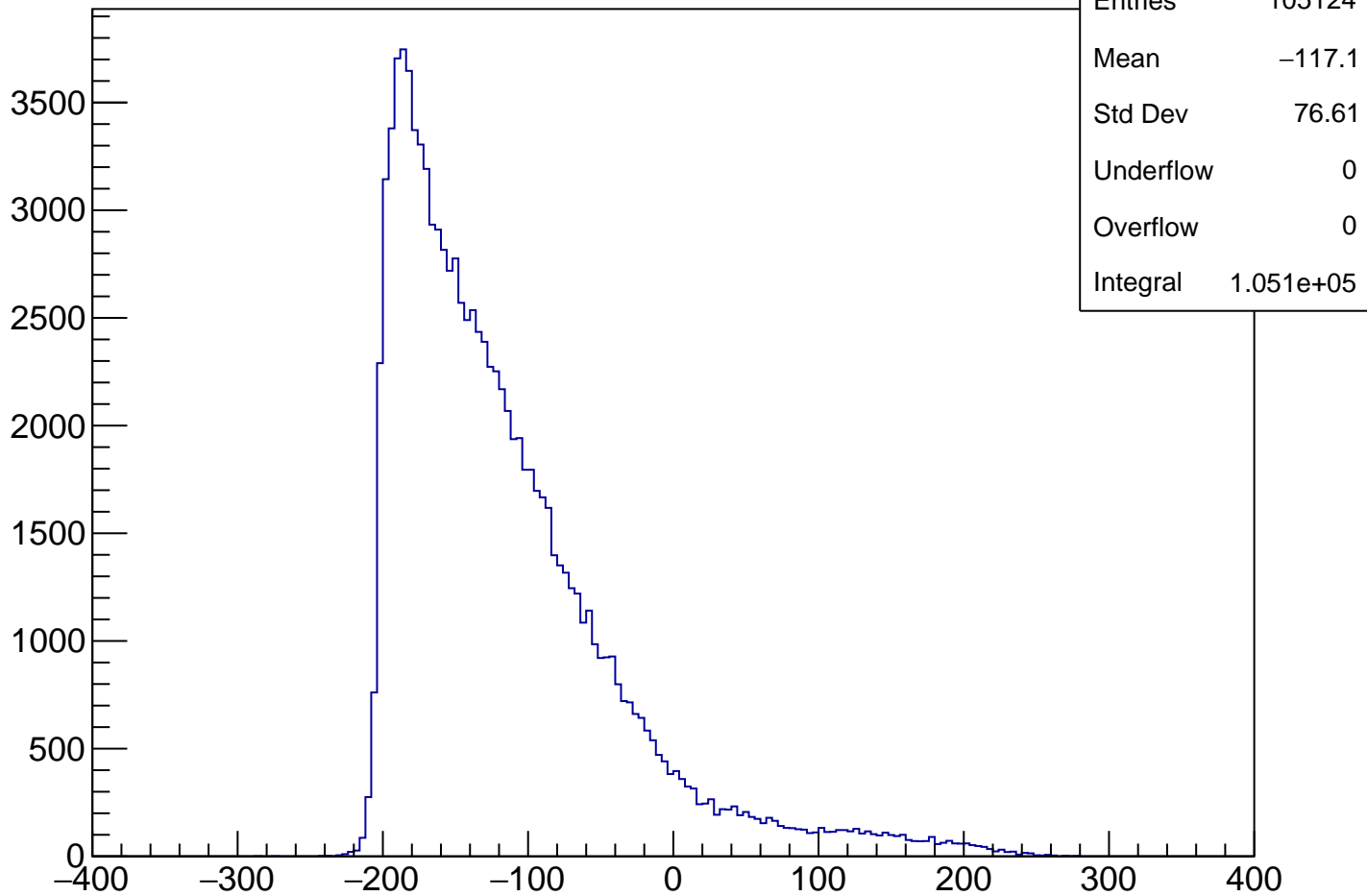
chisqrKurama Cut2



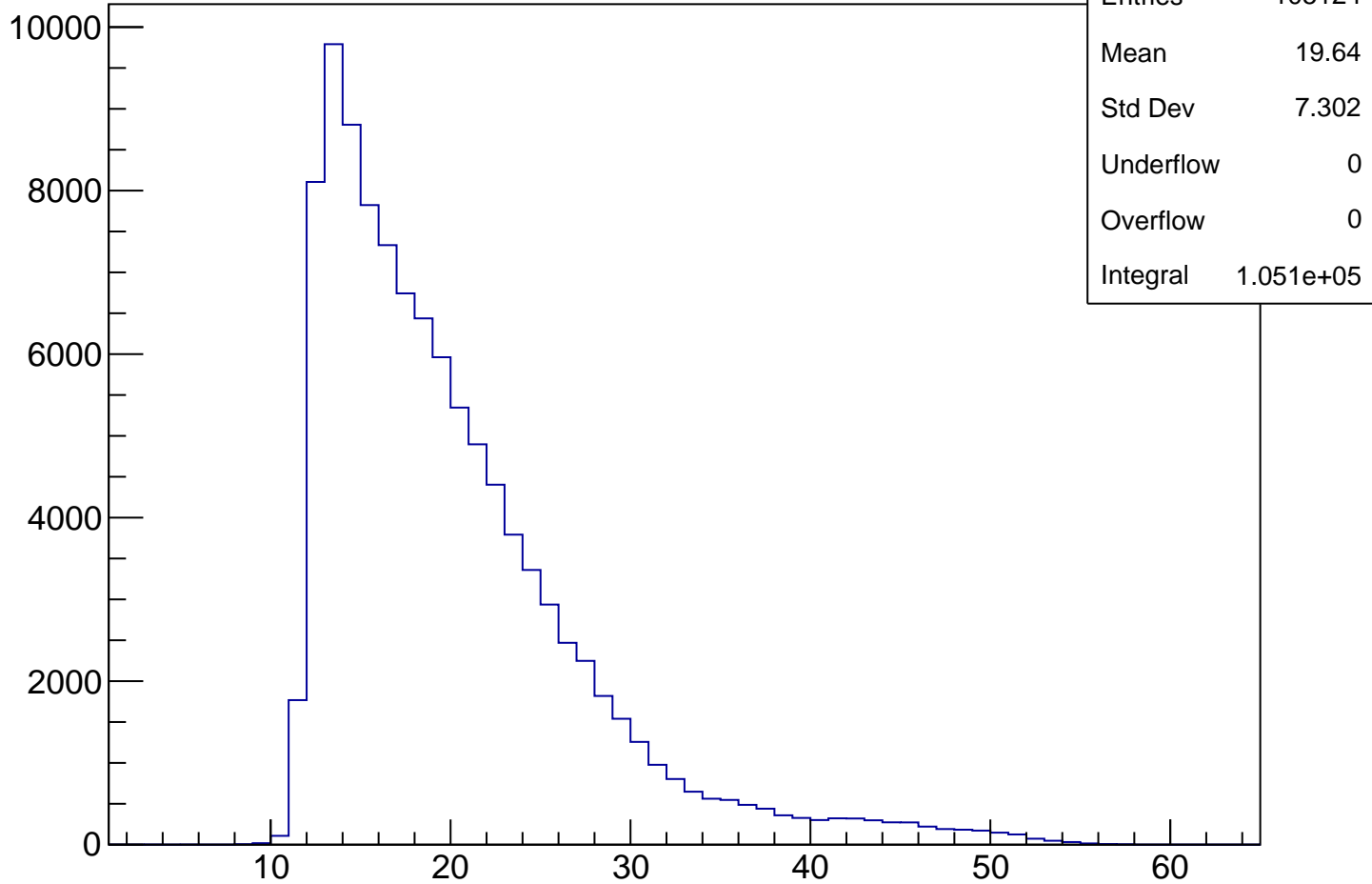
qKurama Cut2



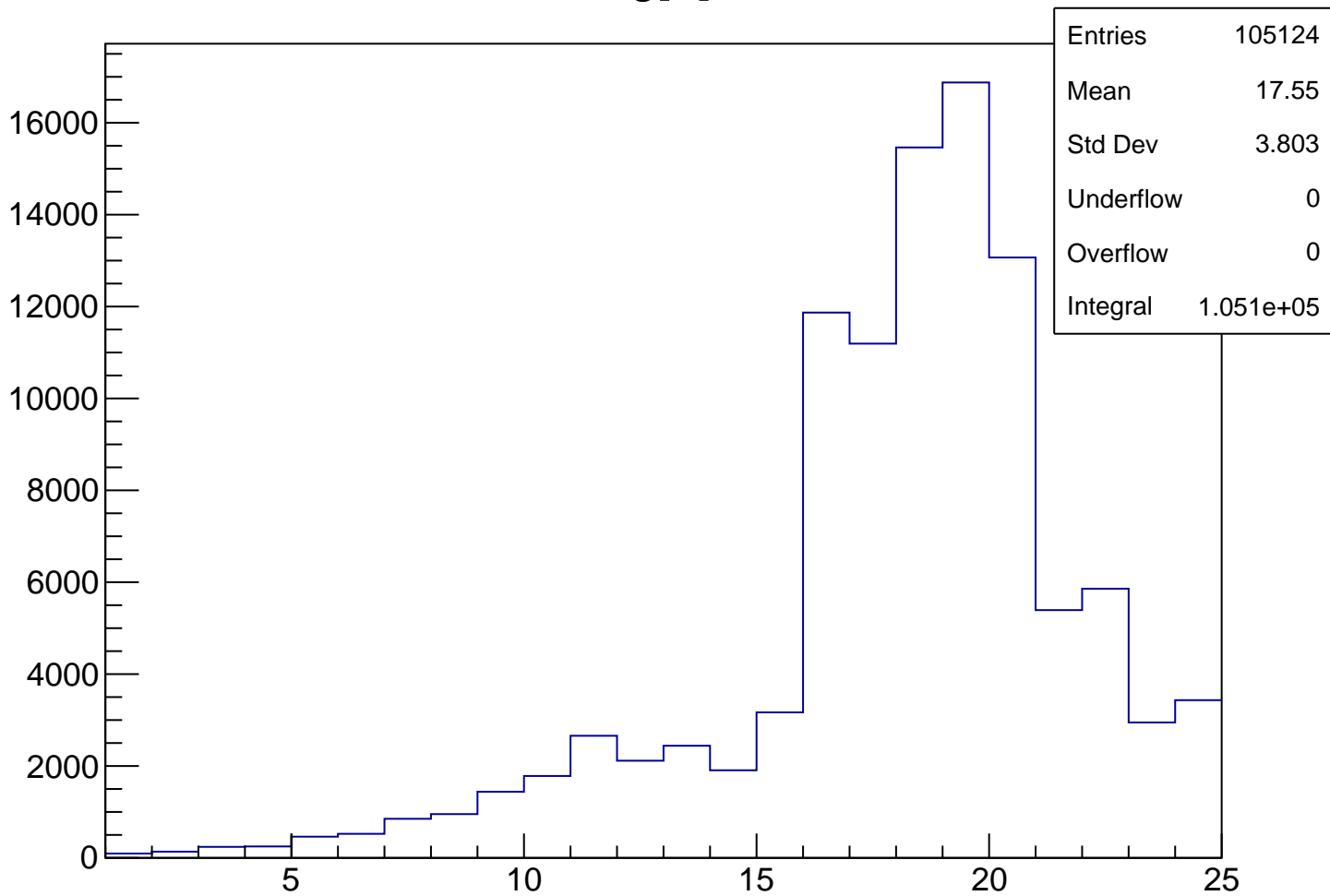
vpix[1] Cut2



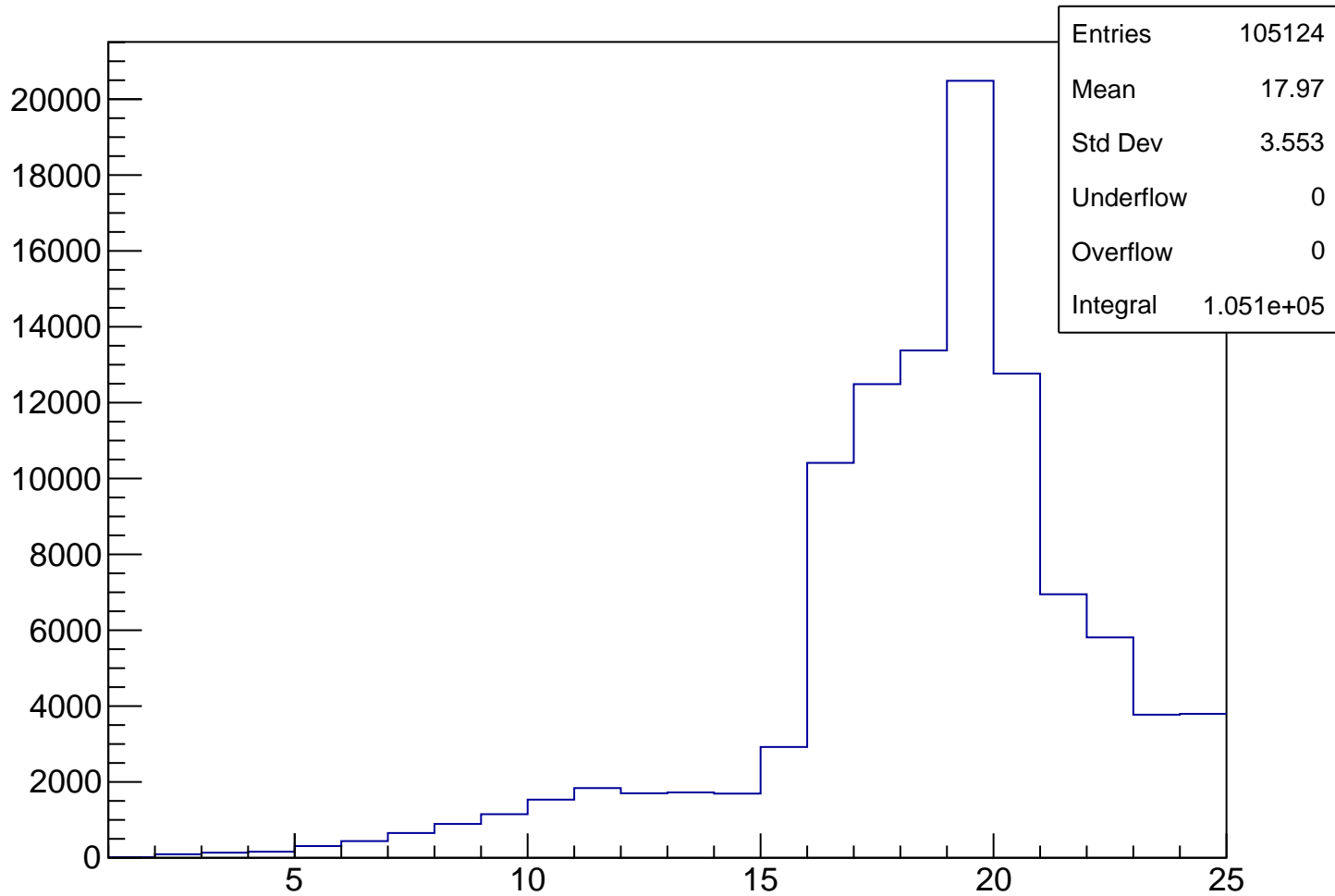
vpseg[1] Cut2



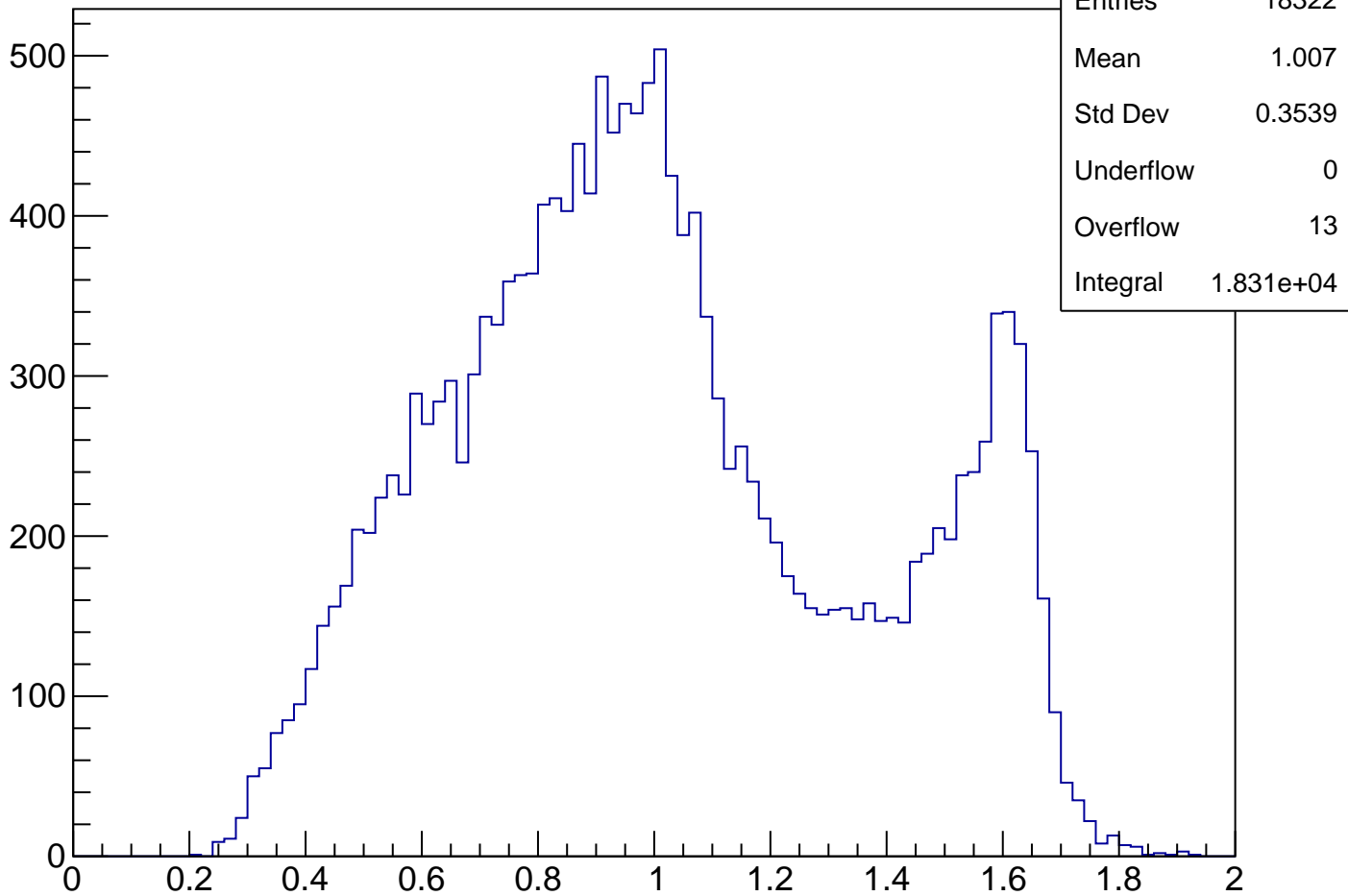
TofSeg[0] Cut2



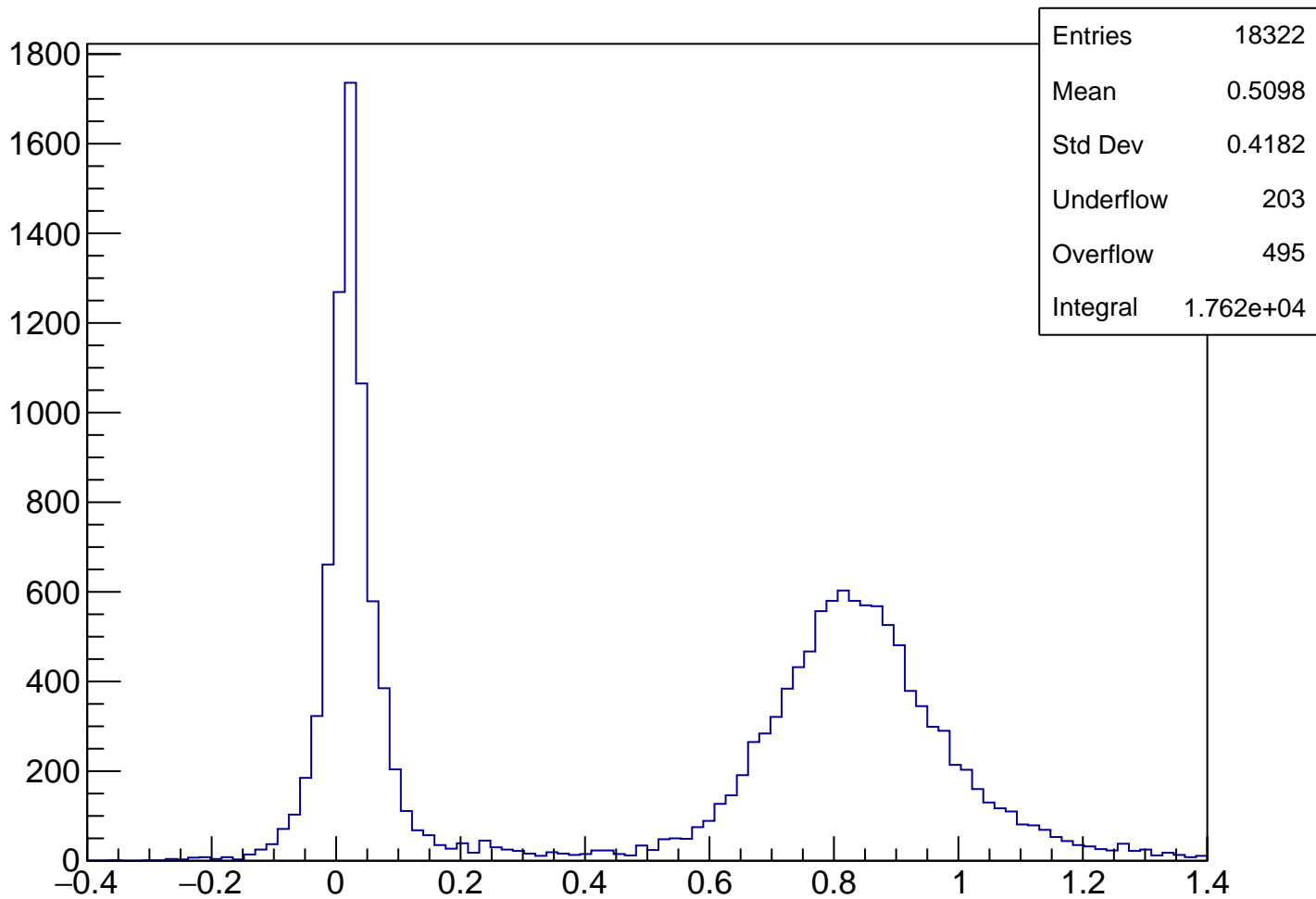
tofsegKurama[0] Cut2



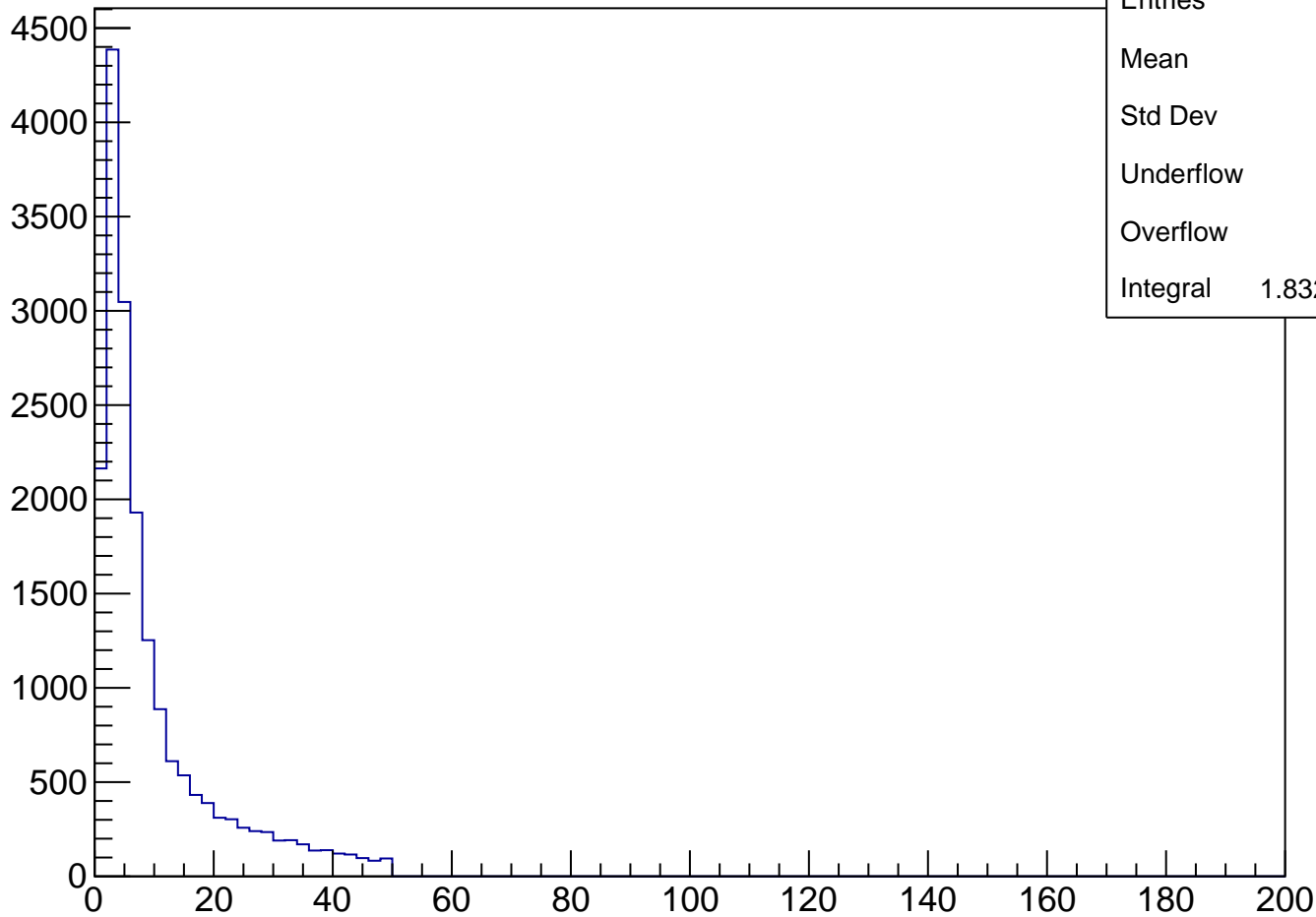
pKurama Cut3



m2 Cut3

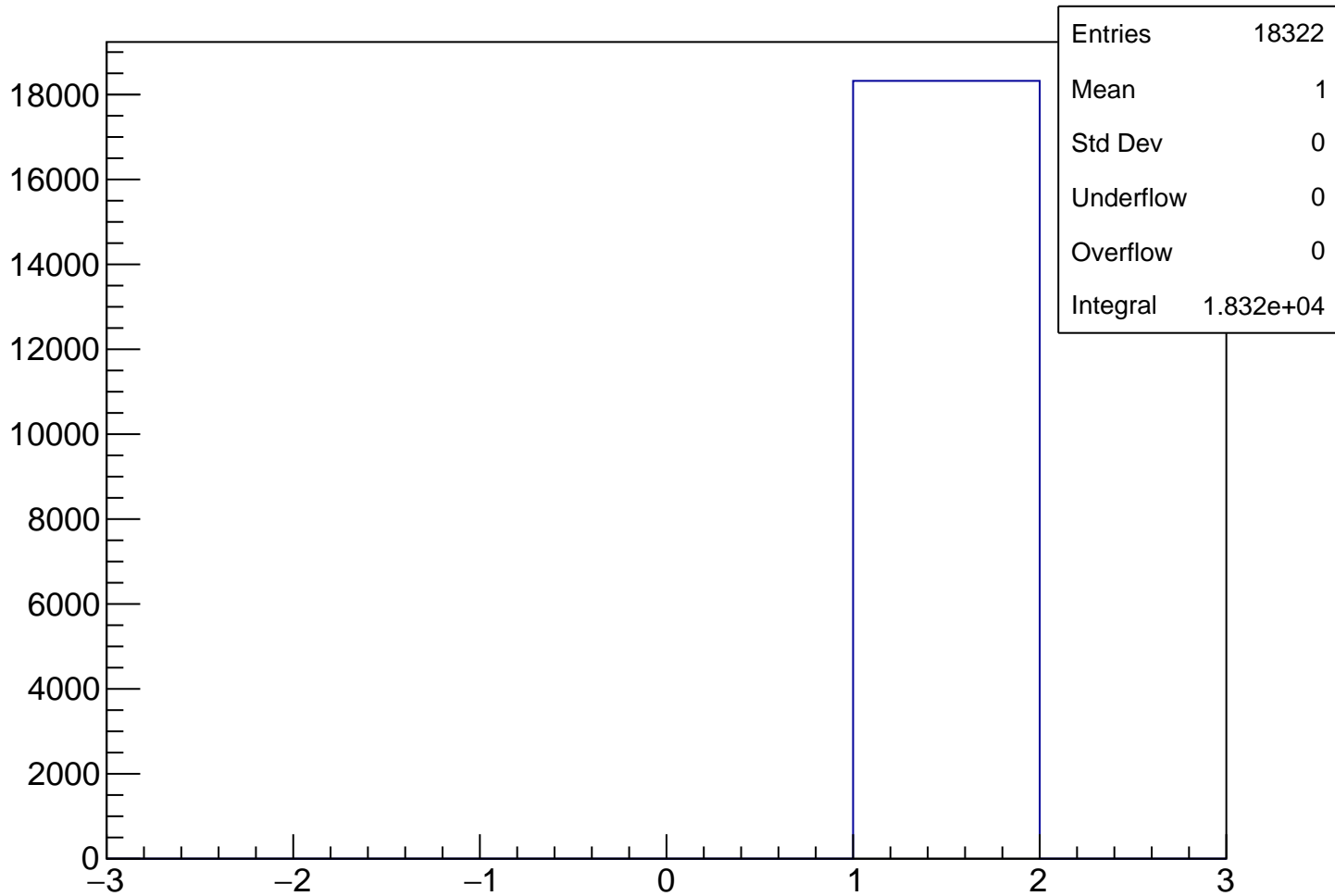


chisqrKurama Cut3

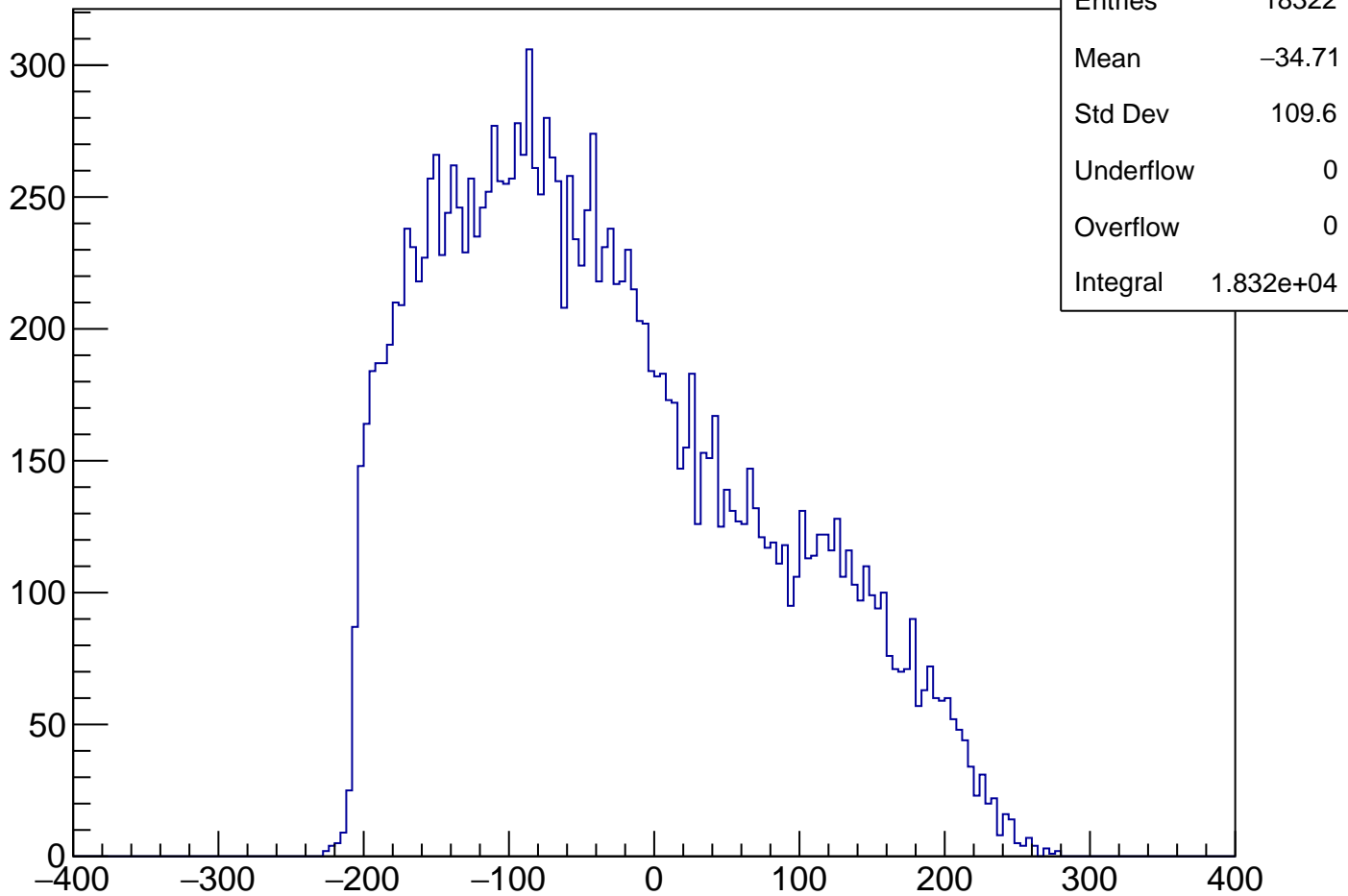


Entries	18322
Mean	9.868
Std Dev	10.39
Underflow	0
Overflow	0
Integral	1.832e+04

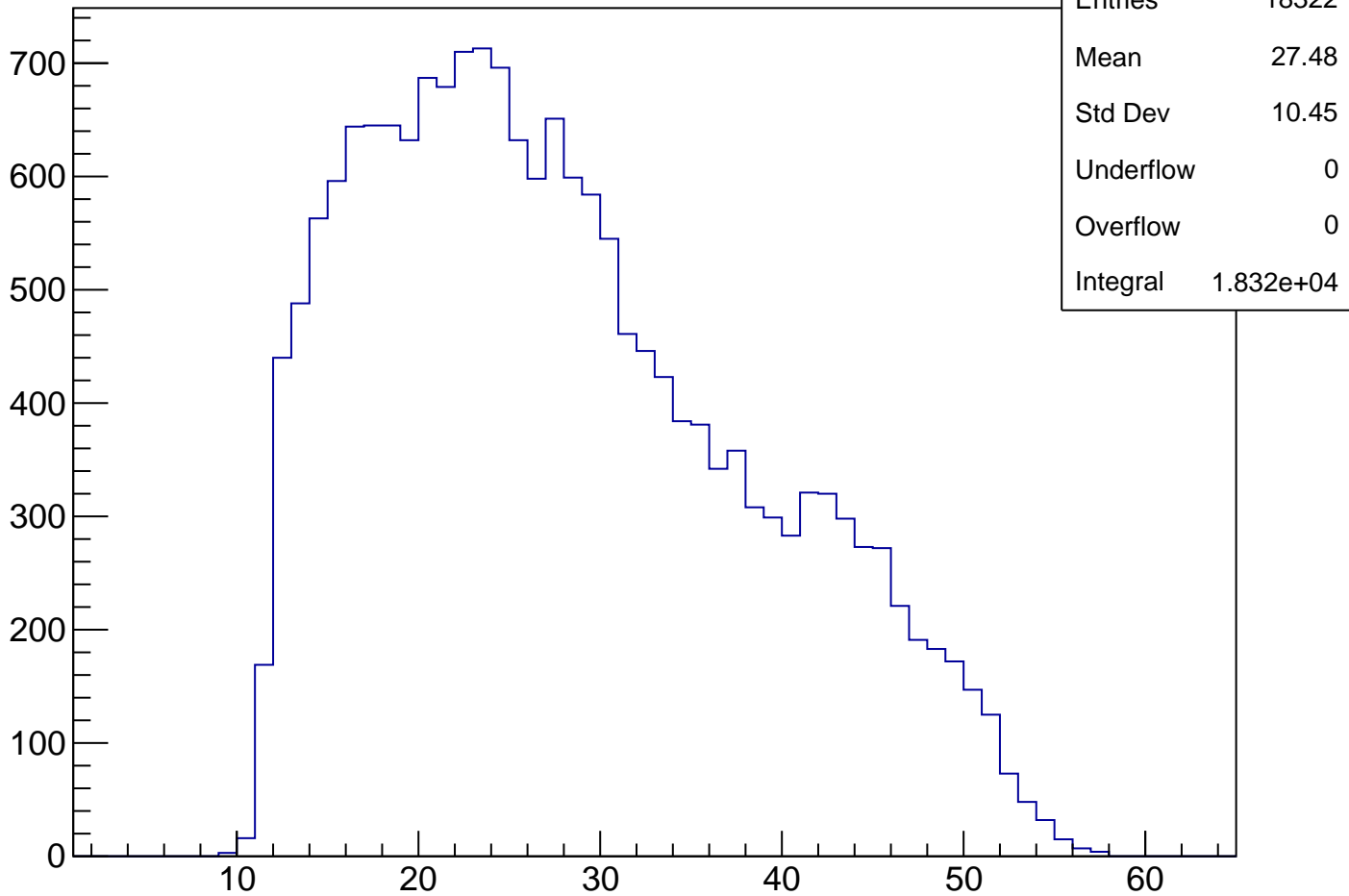
qKurama Cut3



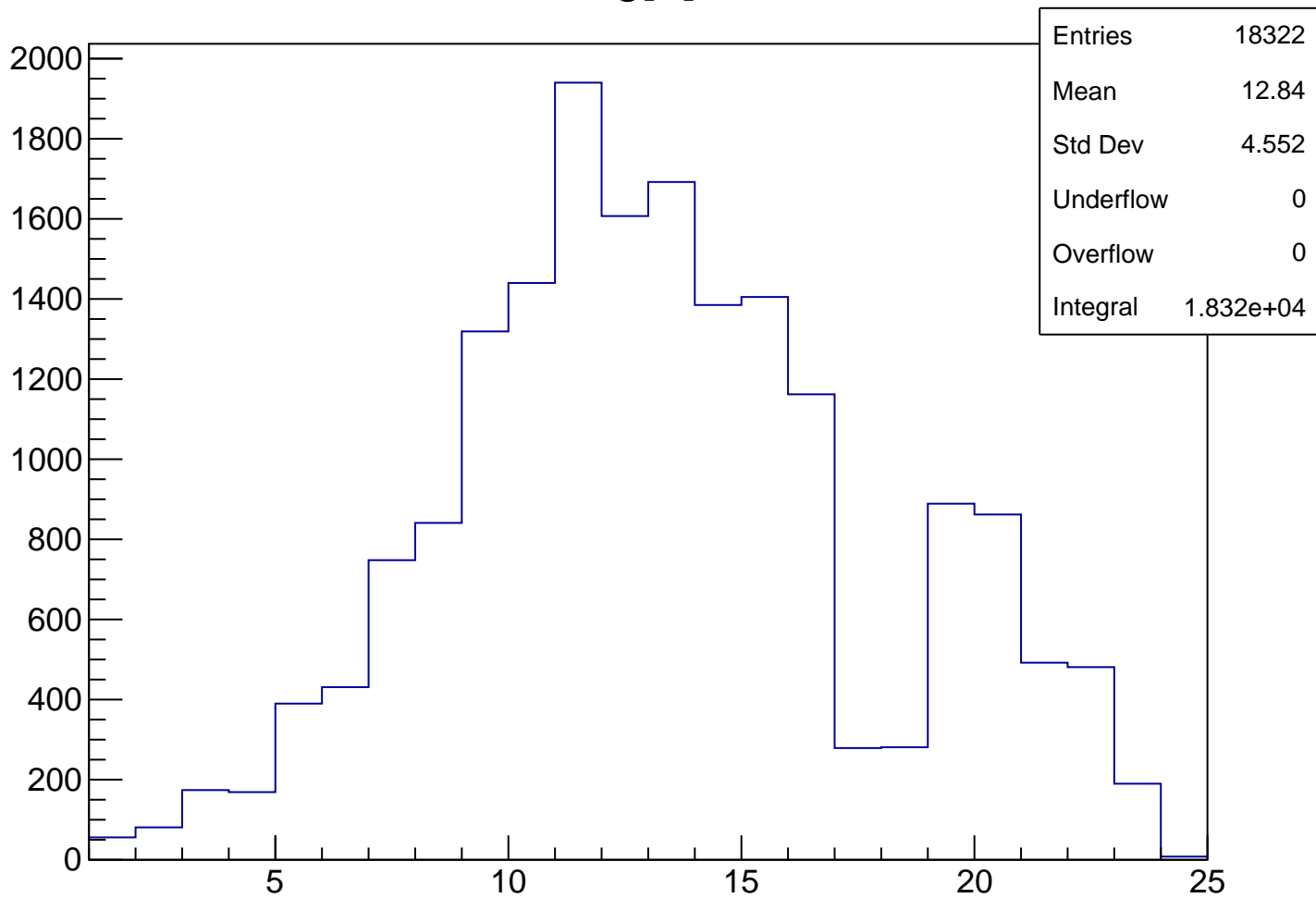
vpx[1] Cut3



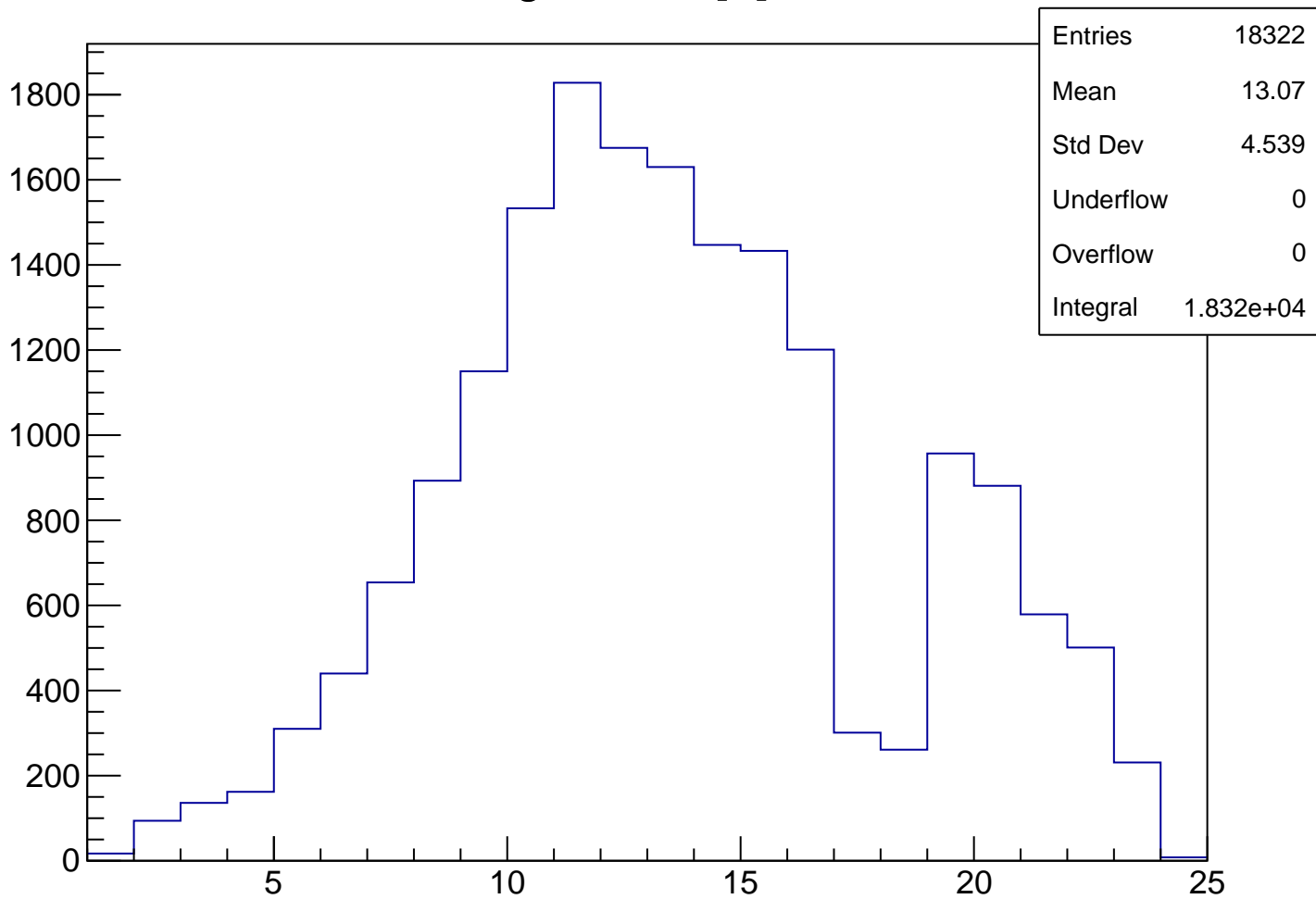
vpseg[1] Cut3



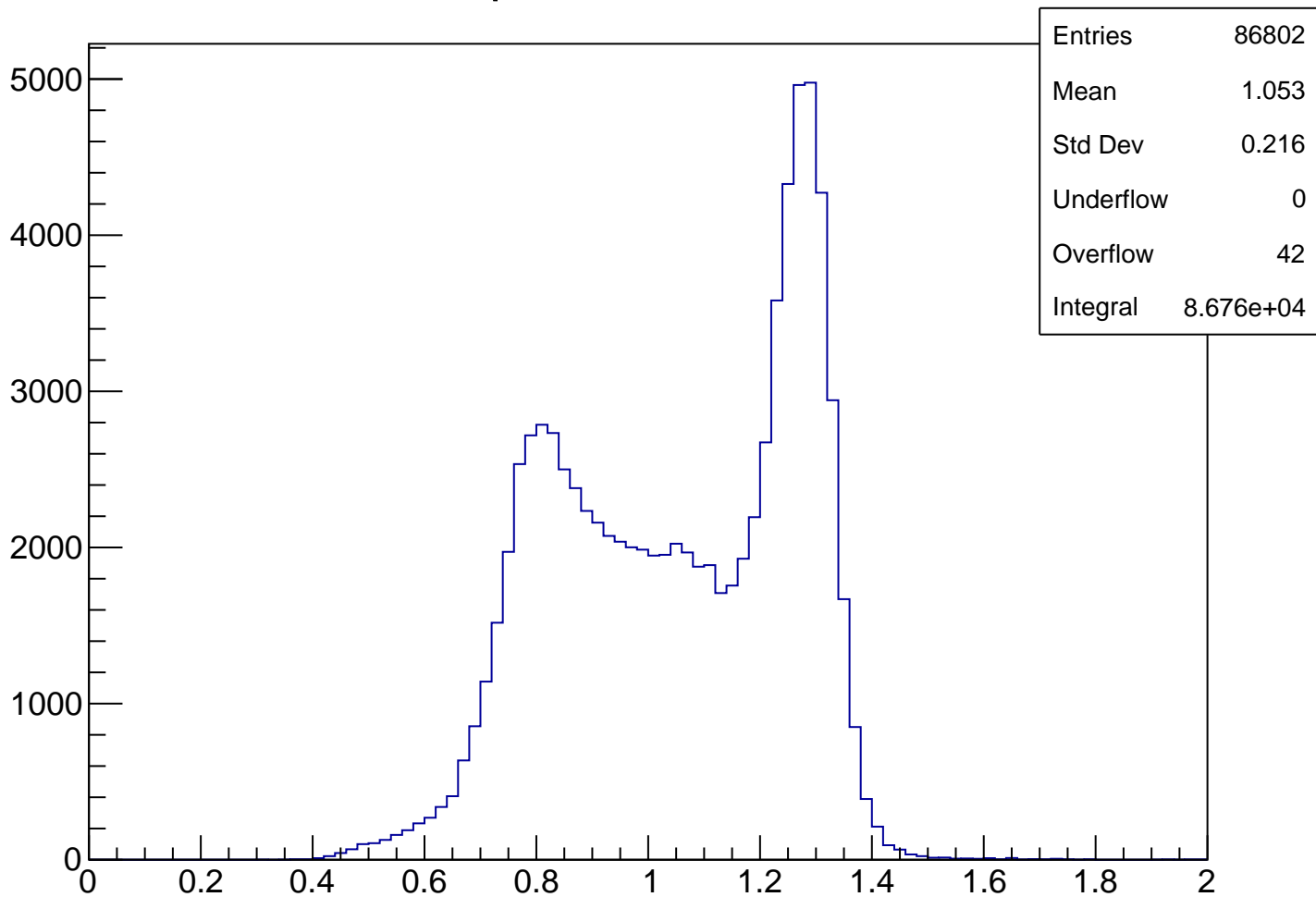
TofSeg[0] Cut3



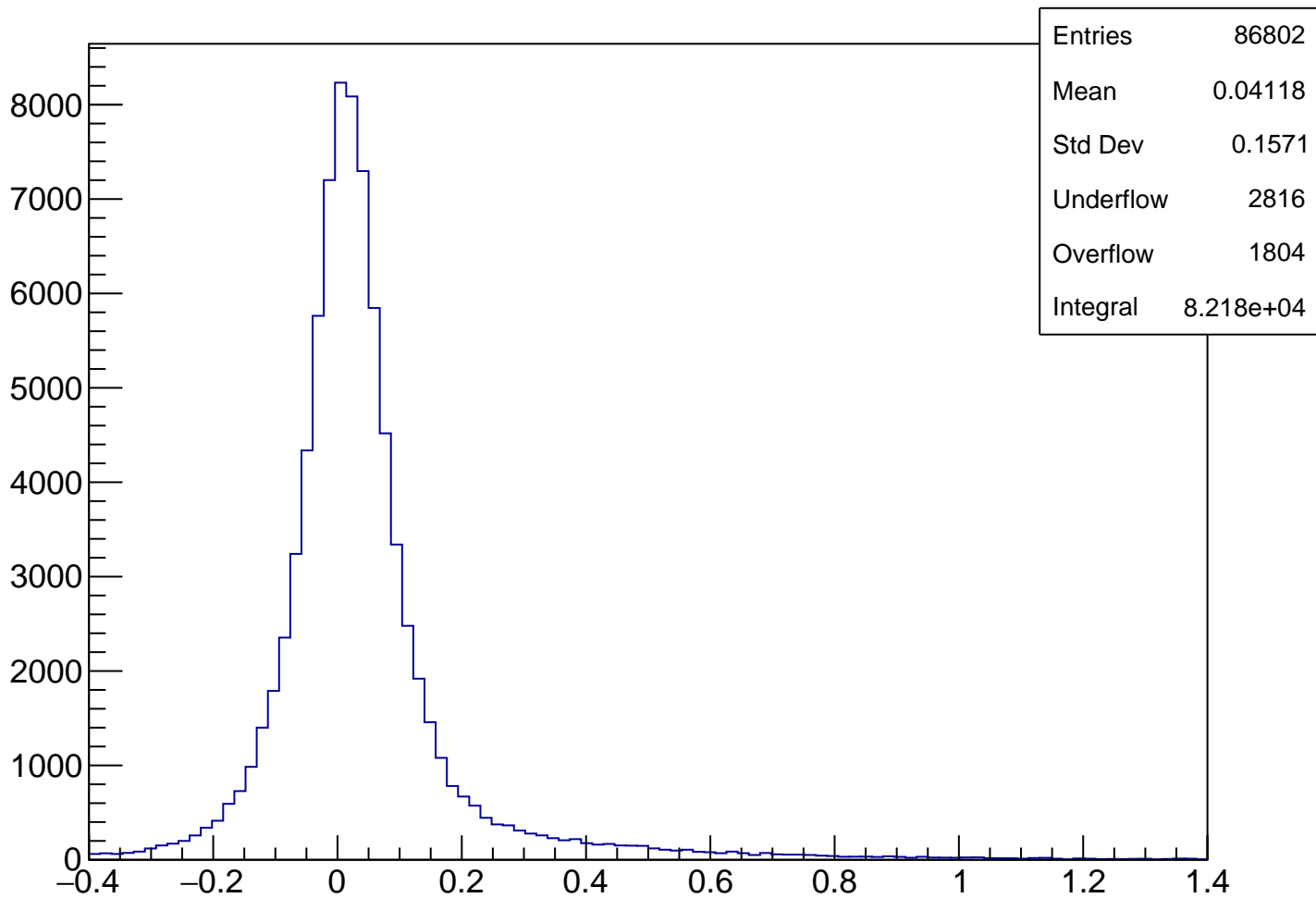
tofsegKurama[0] Cut3



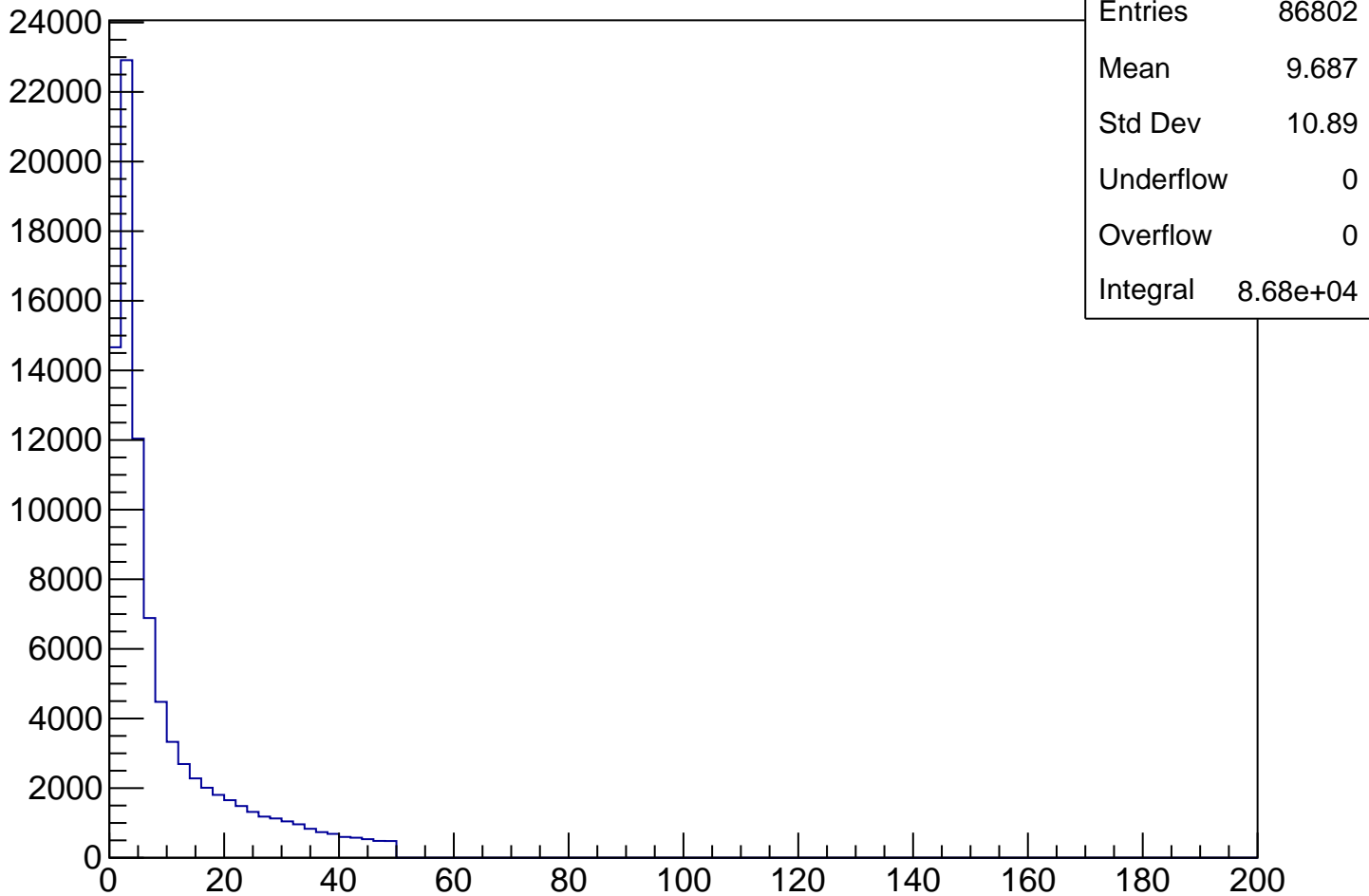
pKurama Cut4



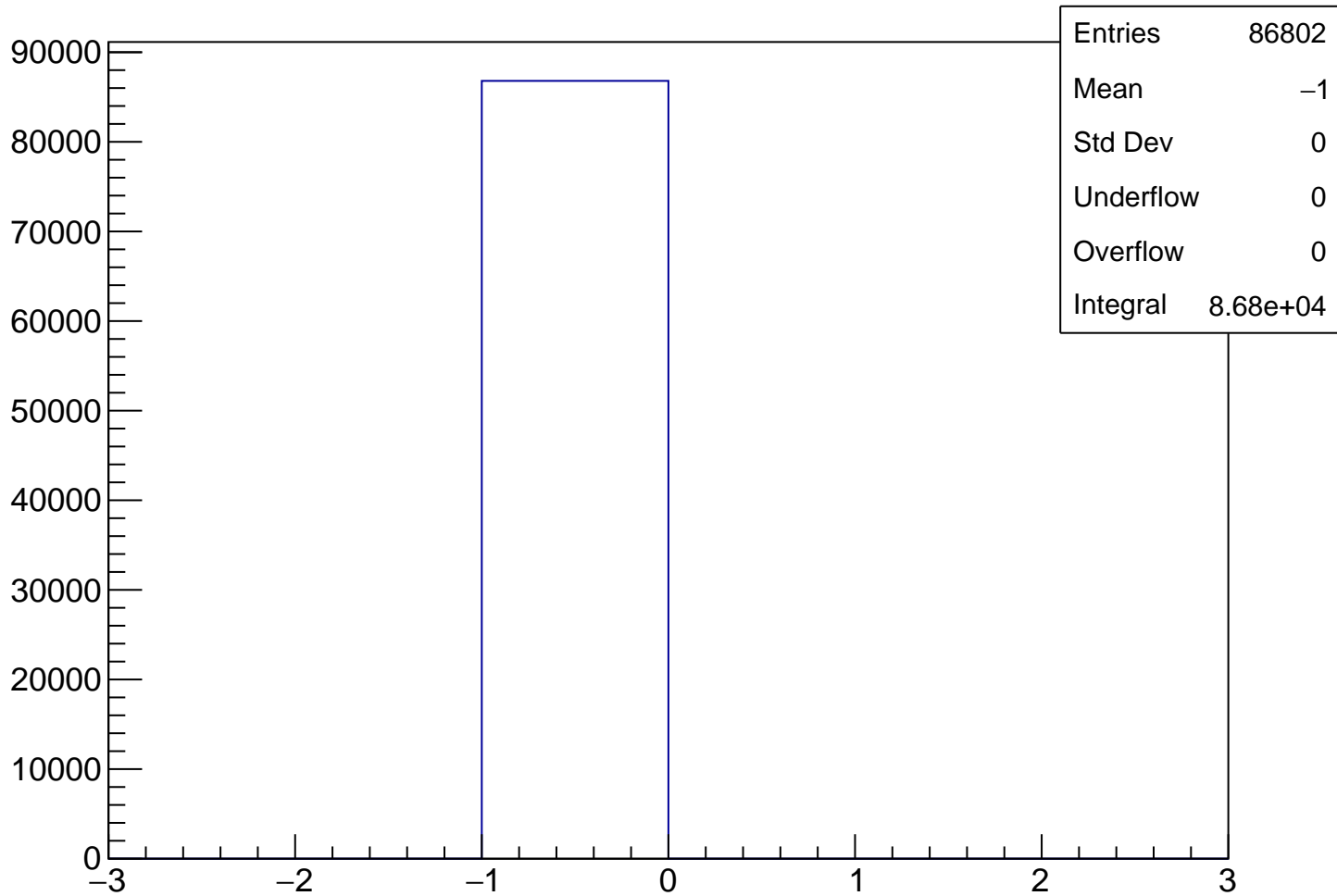
m2 Cut4



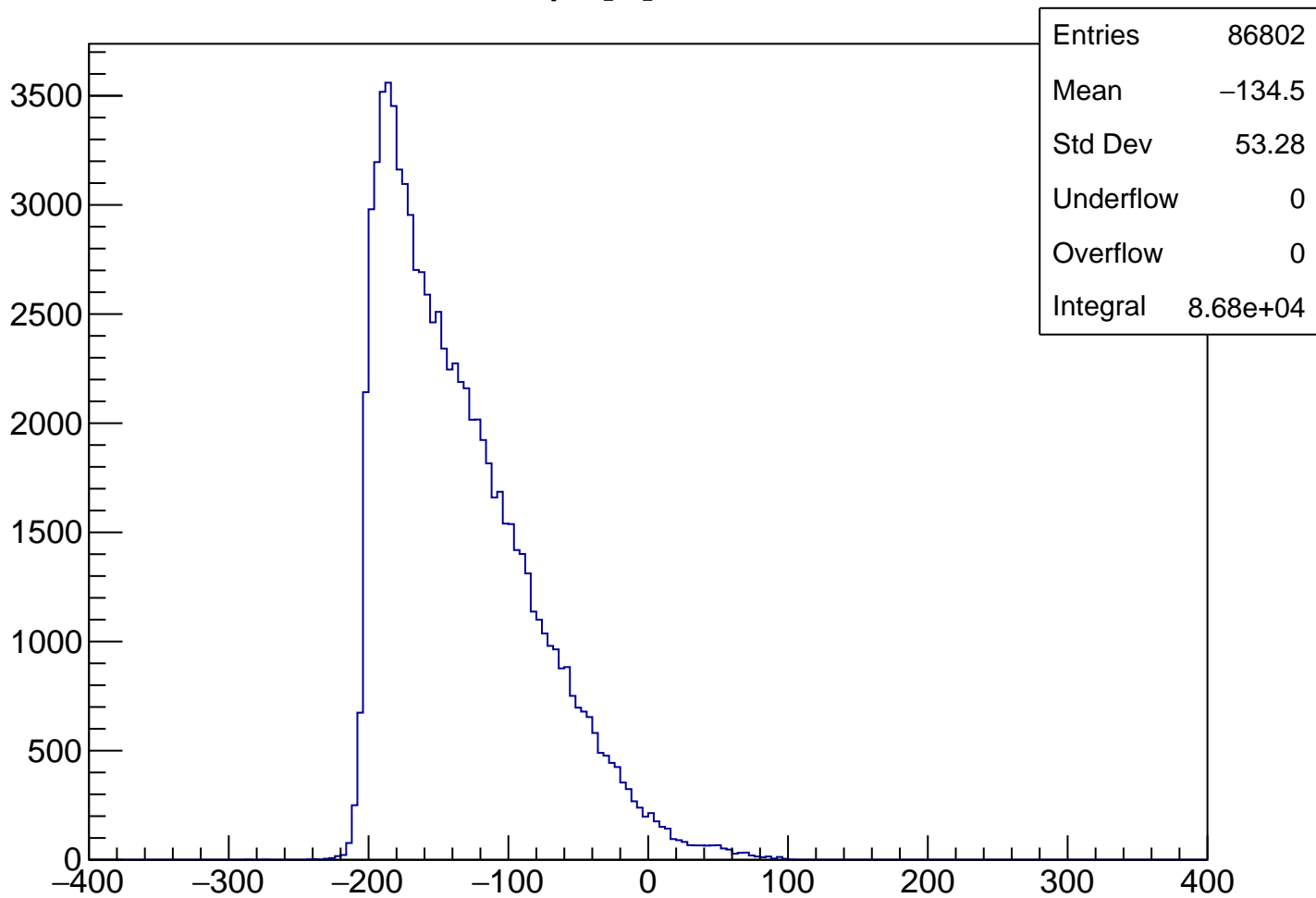
chisqrKurama Cut4



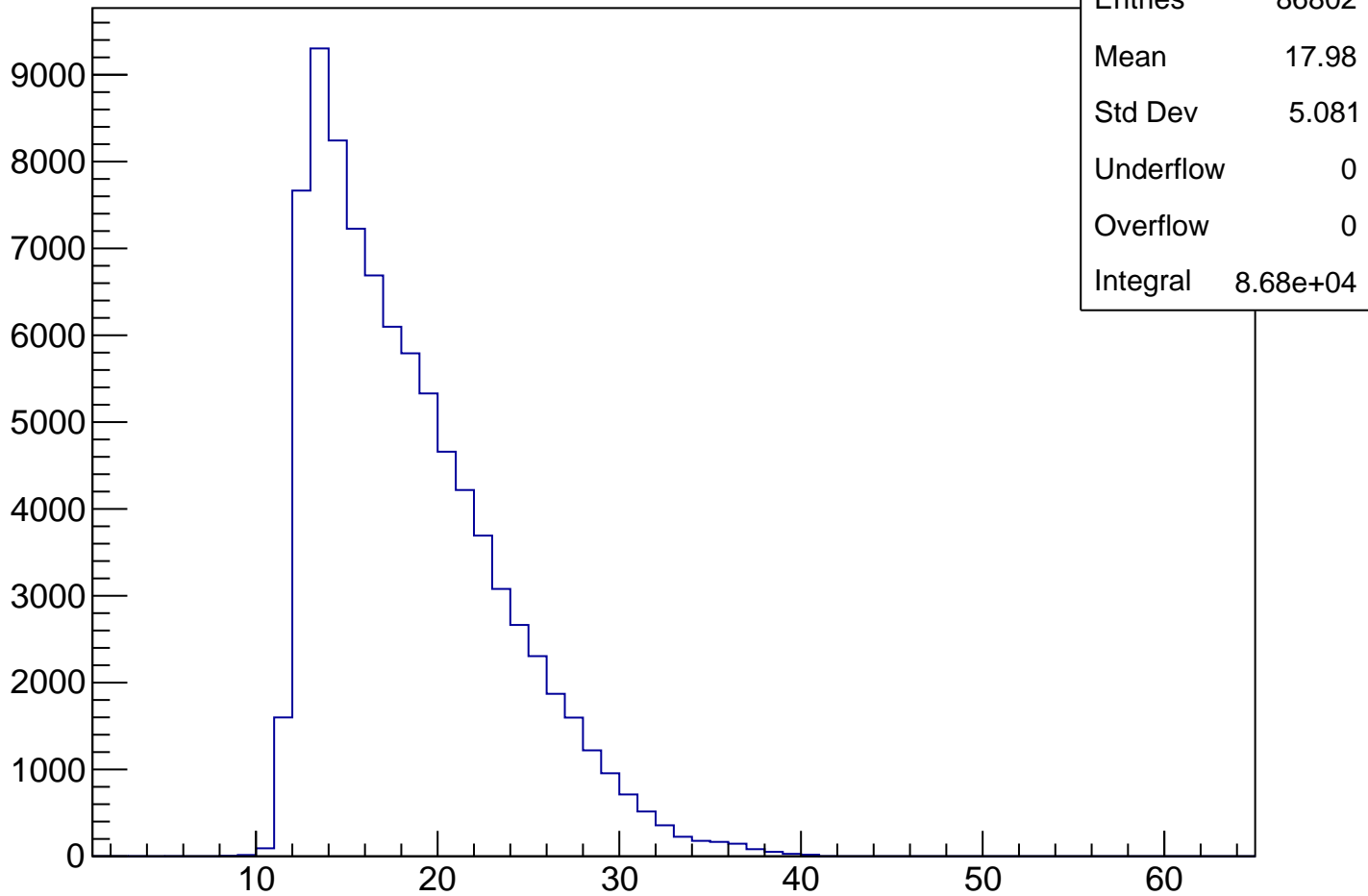
qKurama Cut4



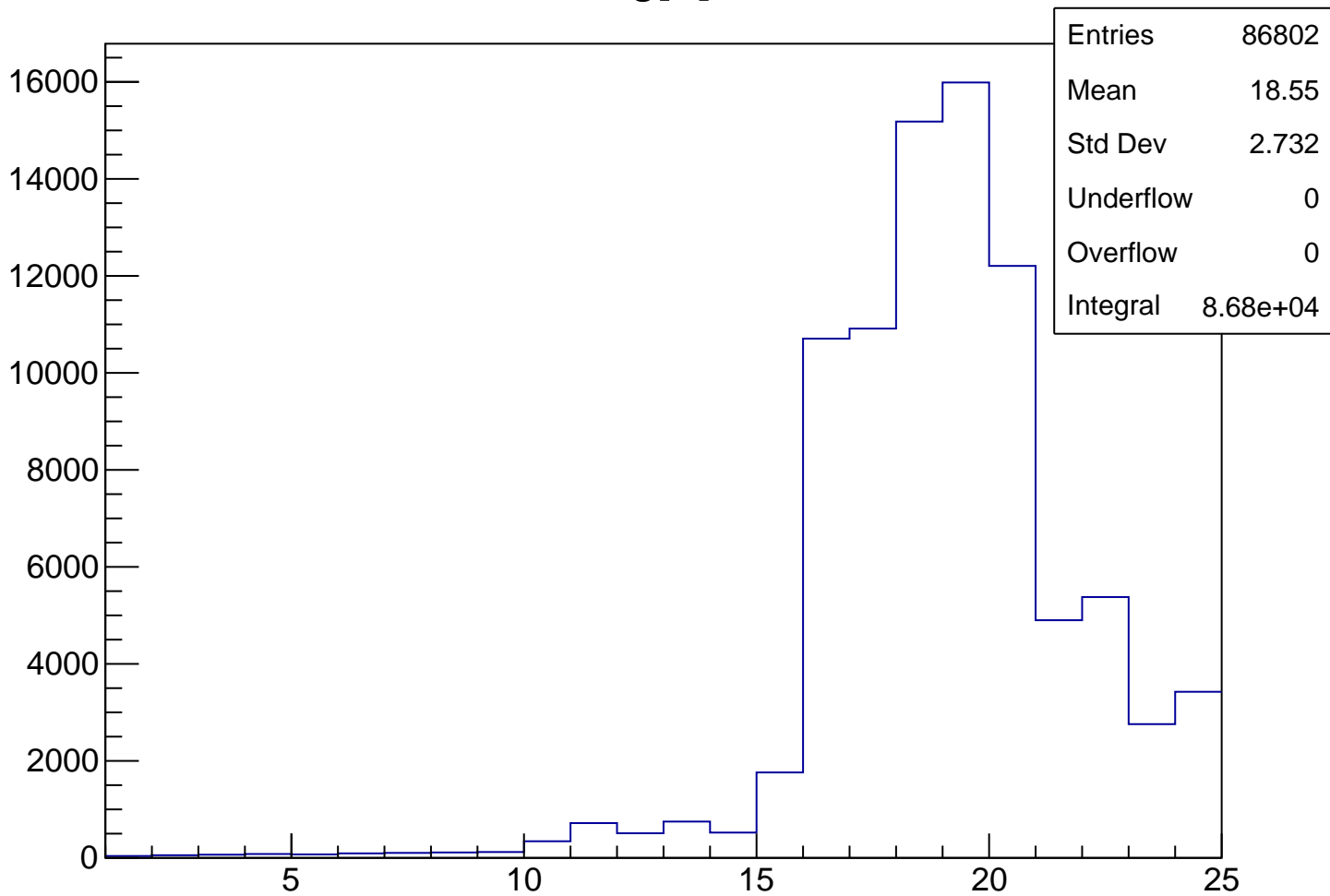
vpx[1] Cut4



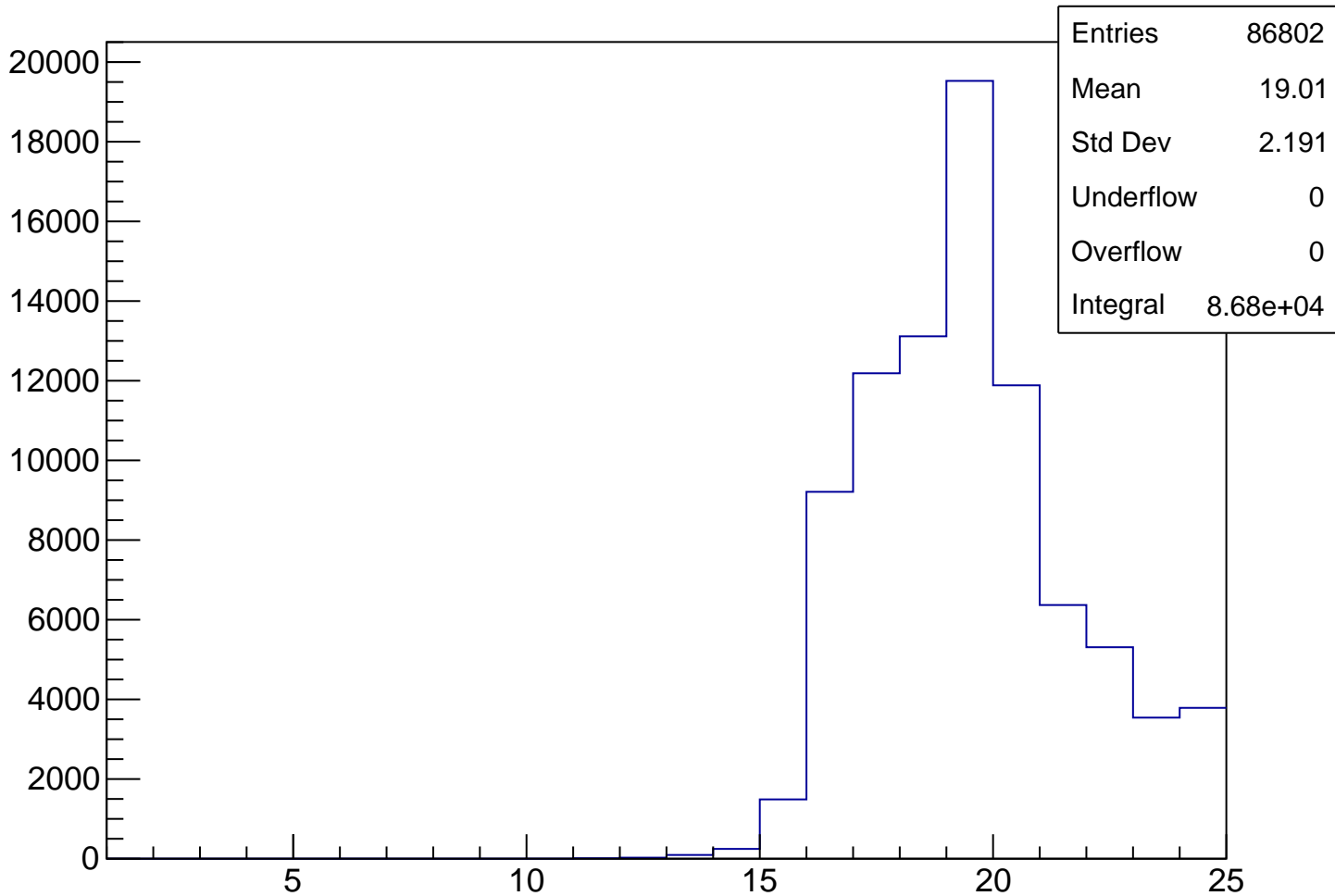
vpseg[1] Cut4



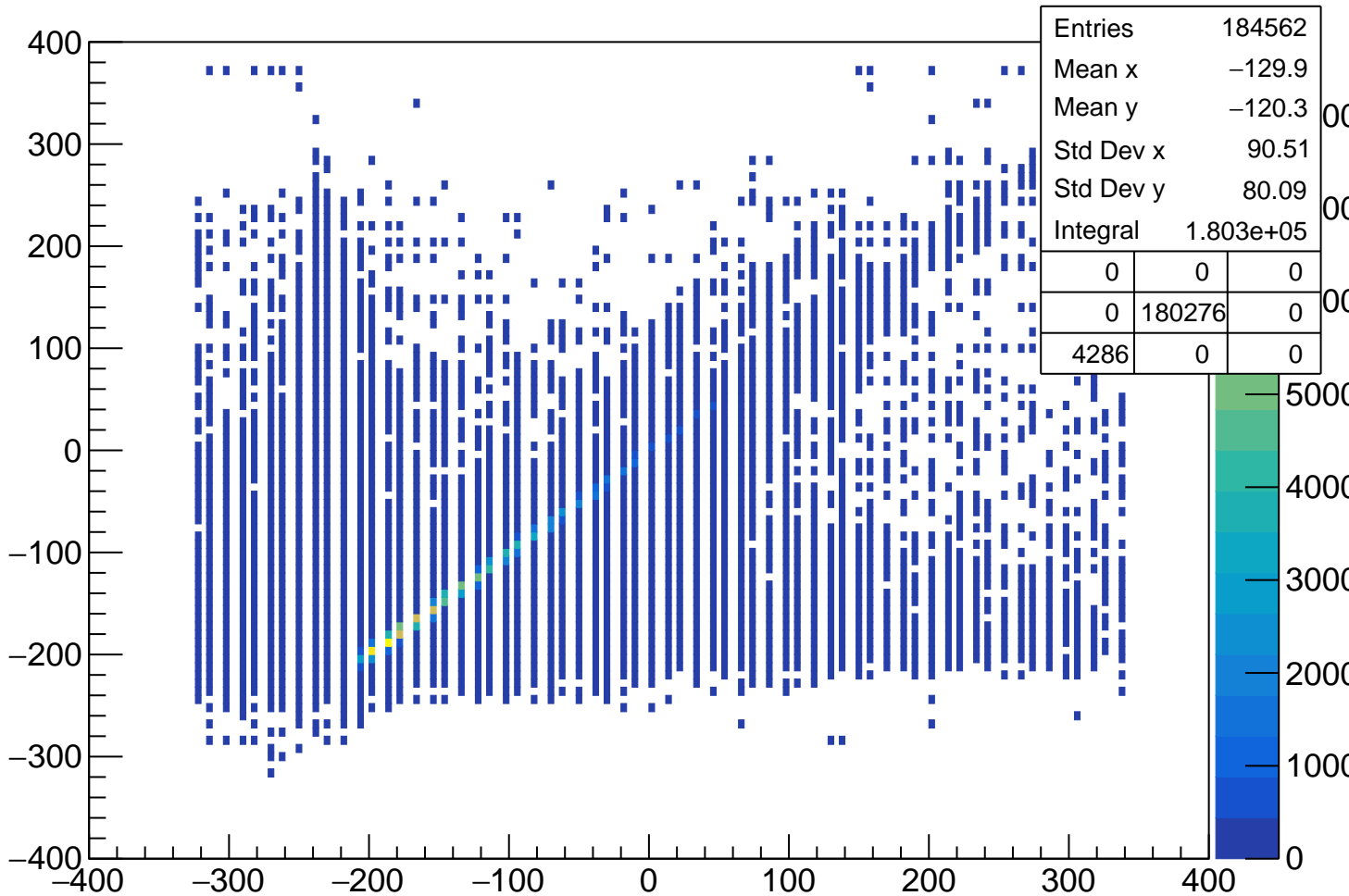
TofSeg[0] Cut4



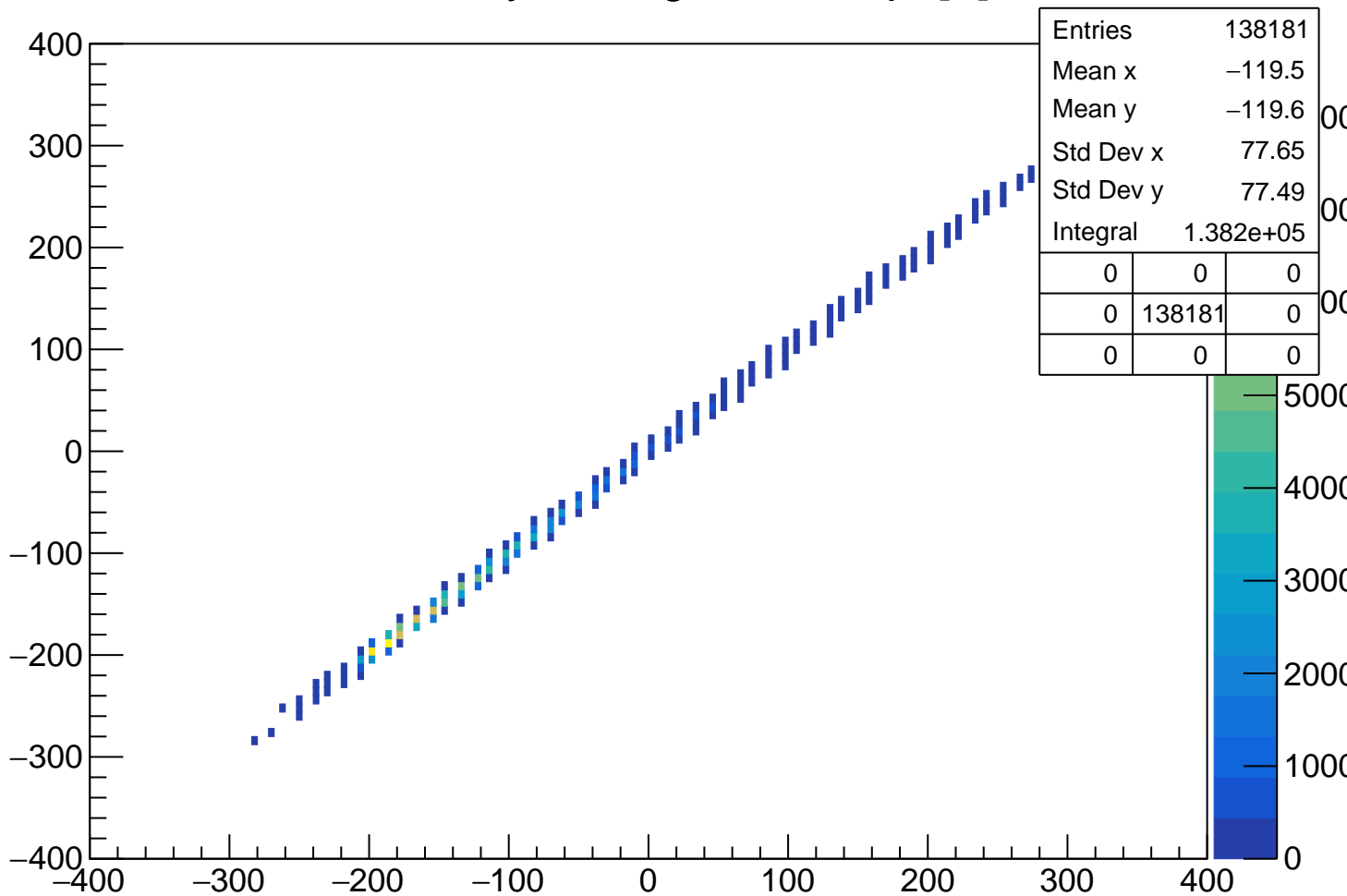
tofsegKurama[0] Cut4



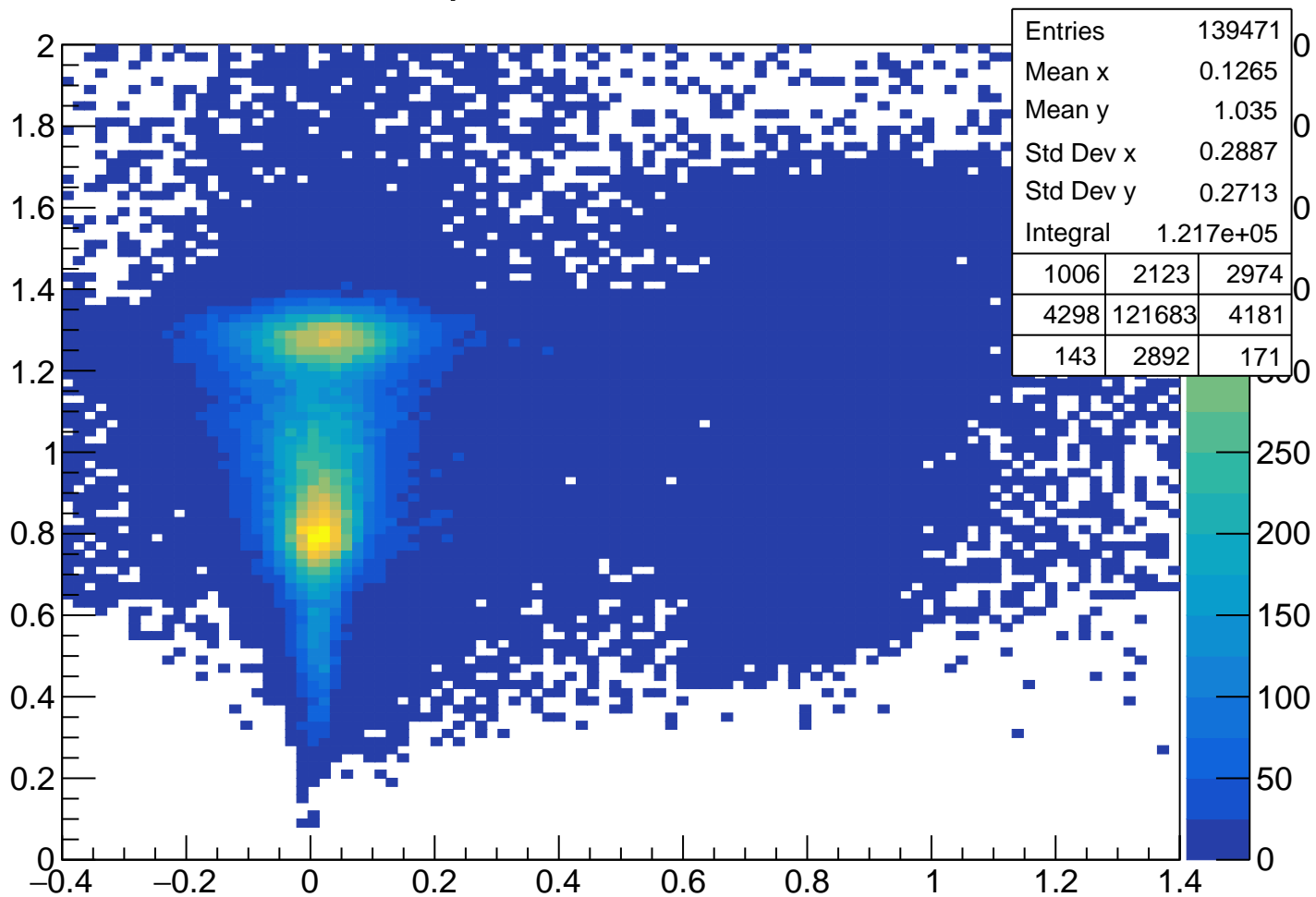
Sch Position by HitSegment % vpx[1]



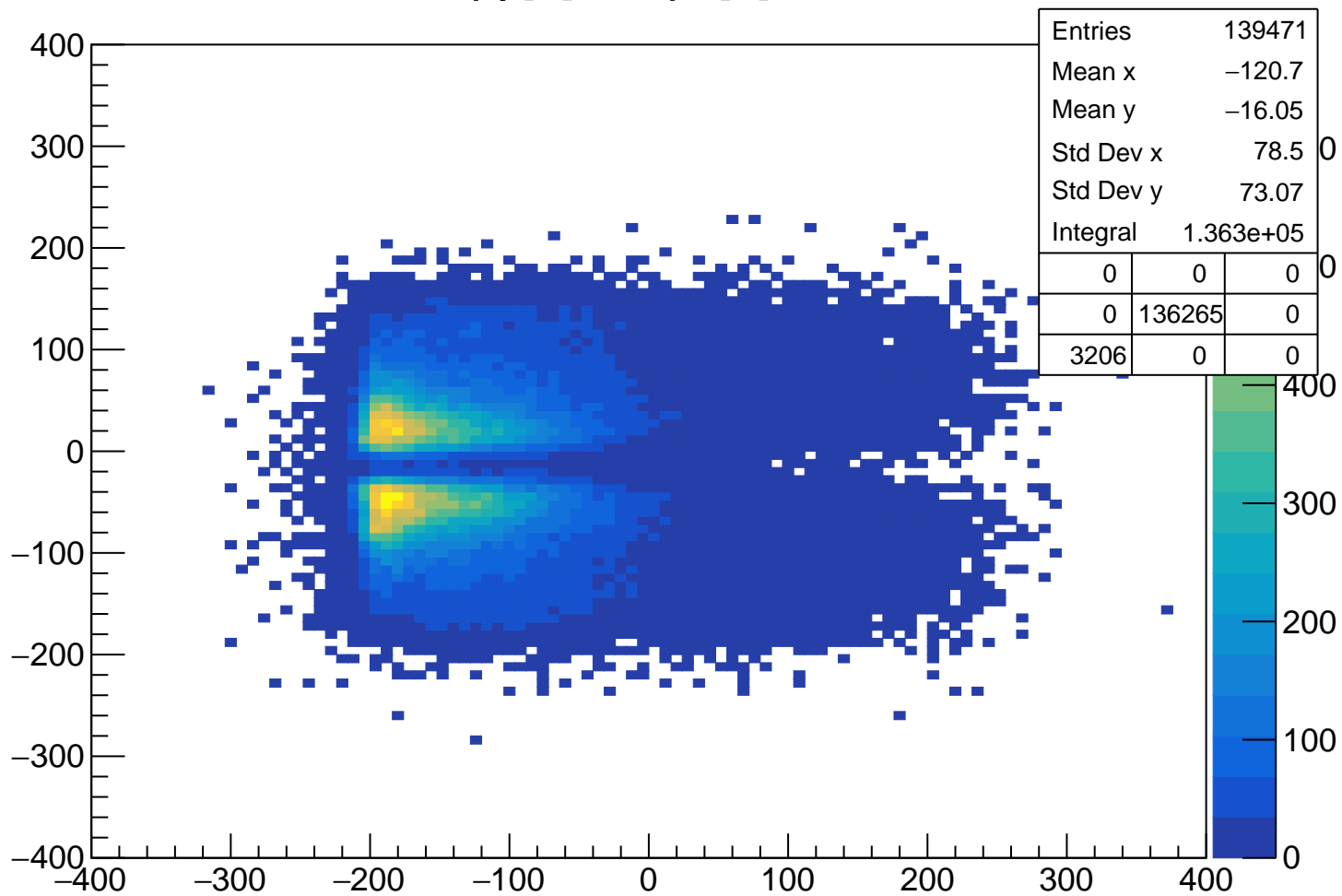
Sch Position by HitSegment % vpx[1] Cut1



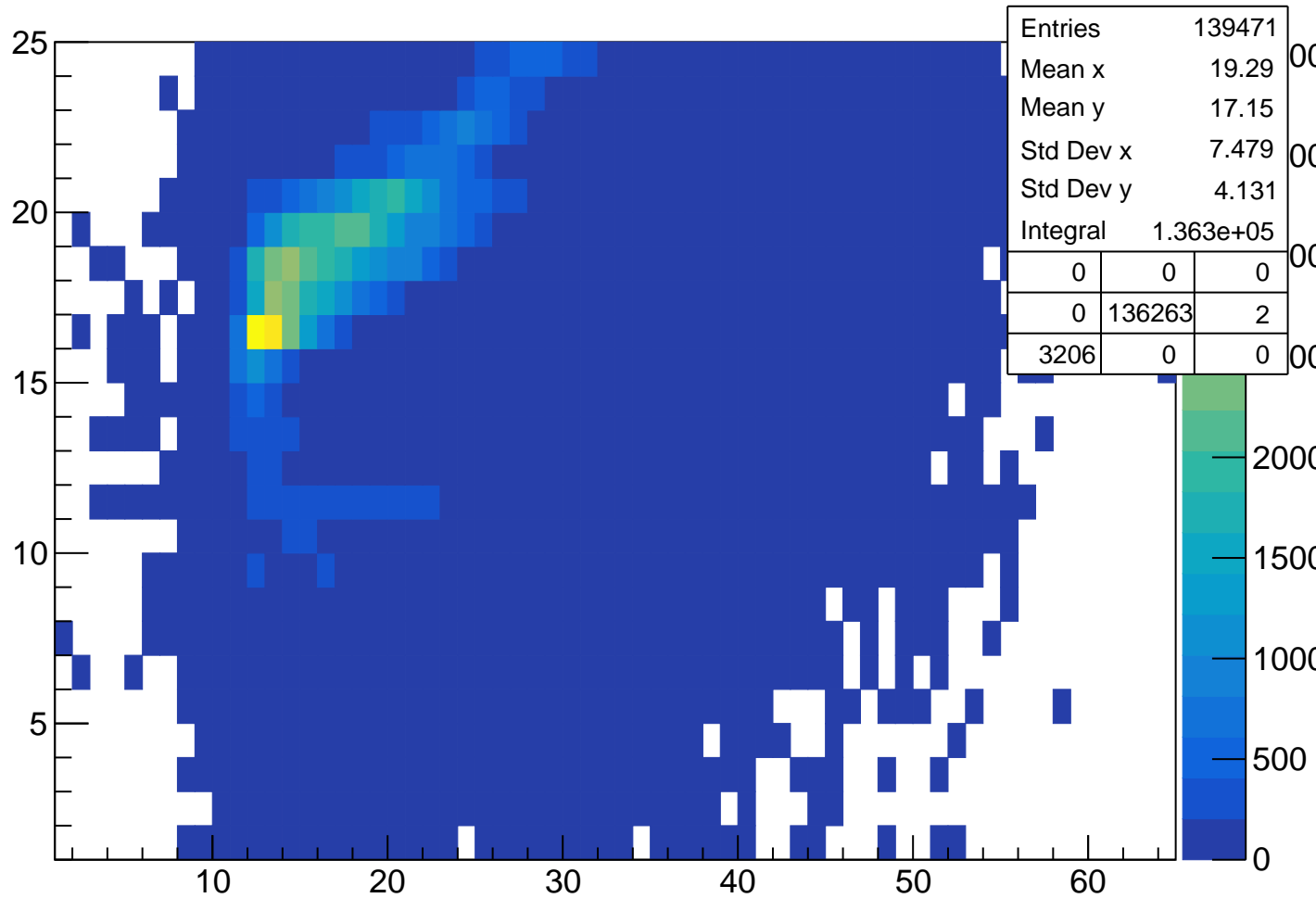
pKurama % m2



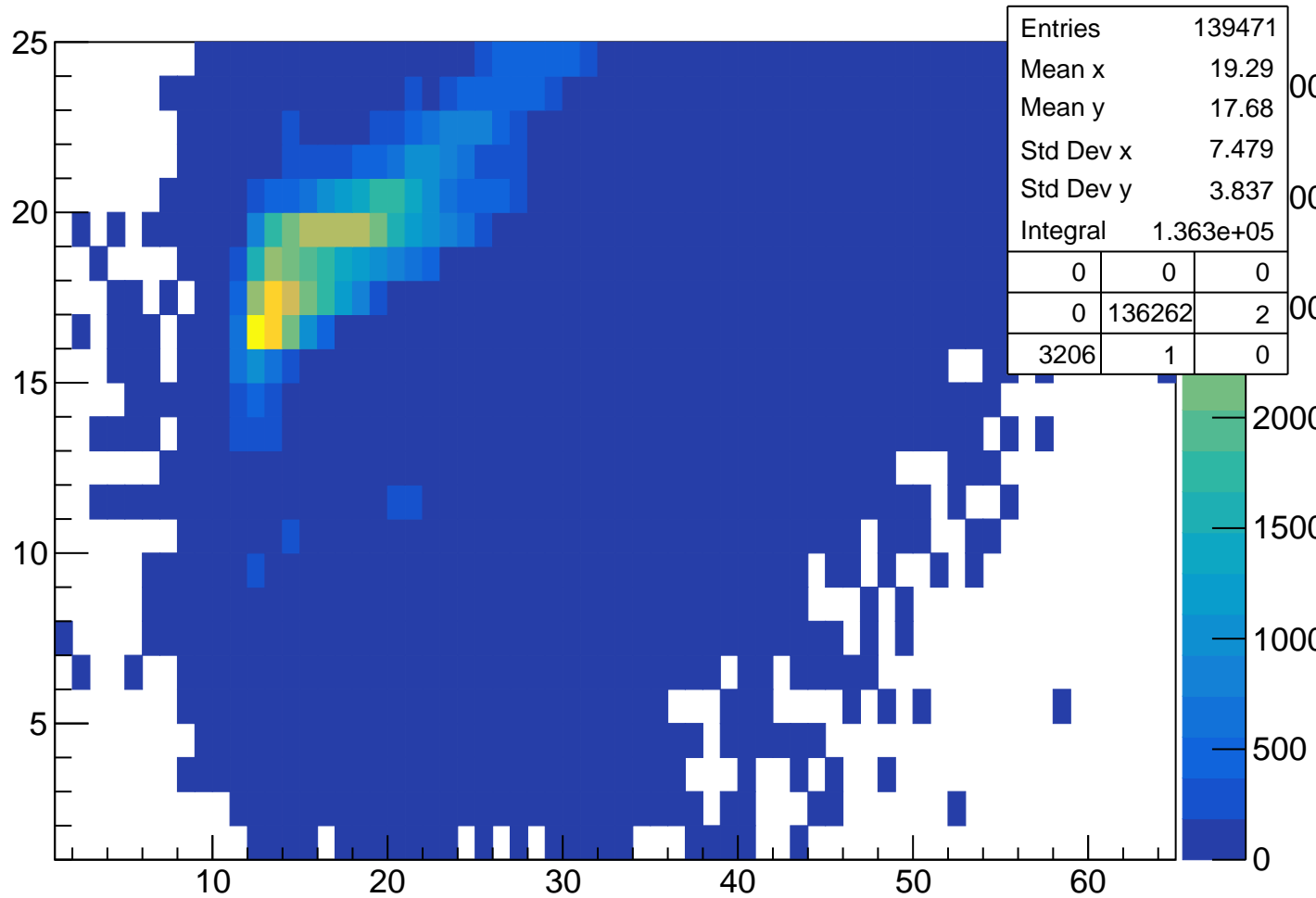
vpy[1] % vpx[1]



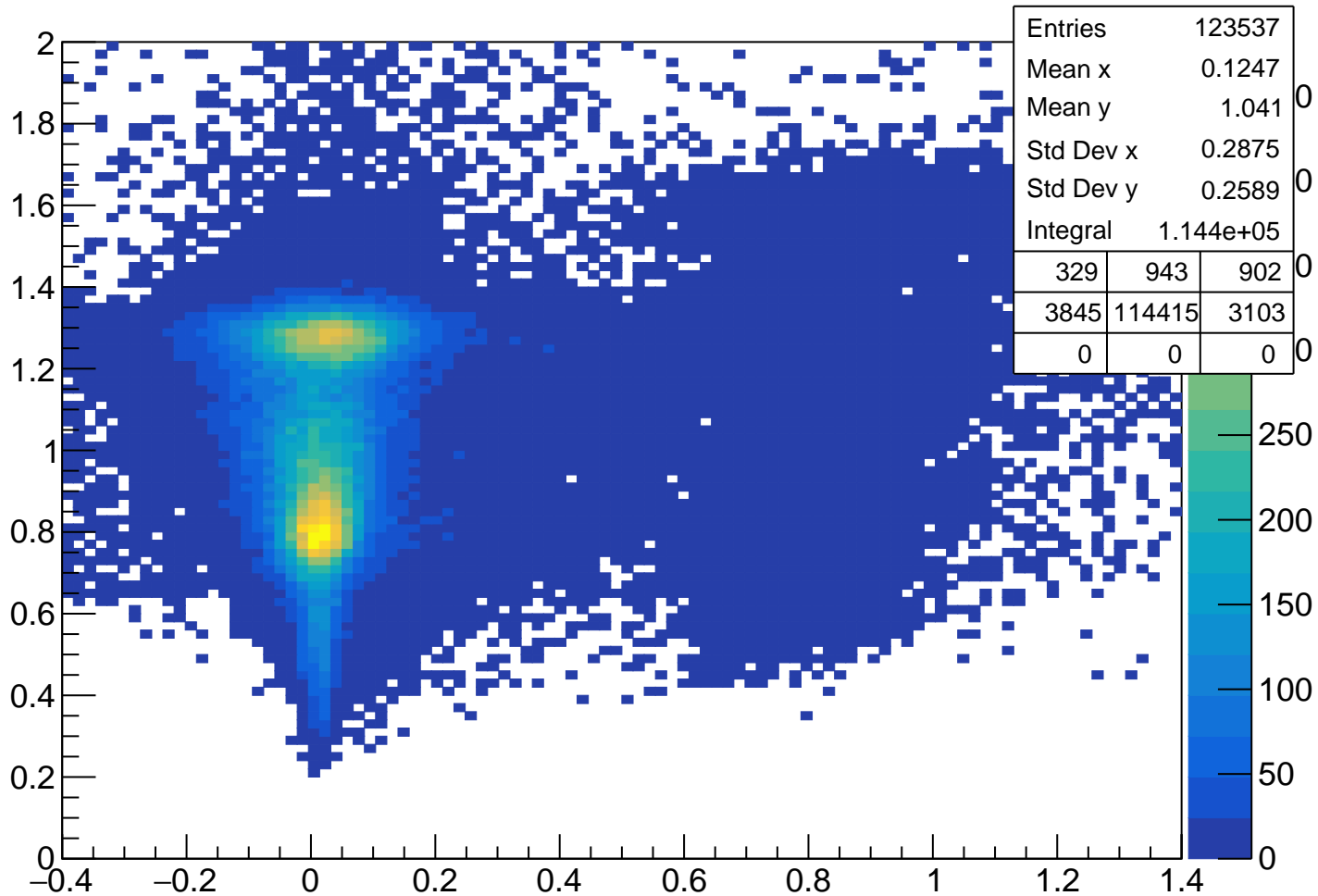
TofSeg[0] % vpseg[1]



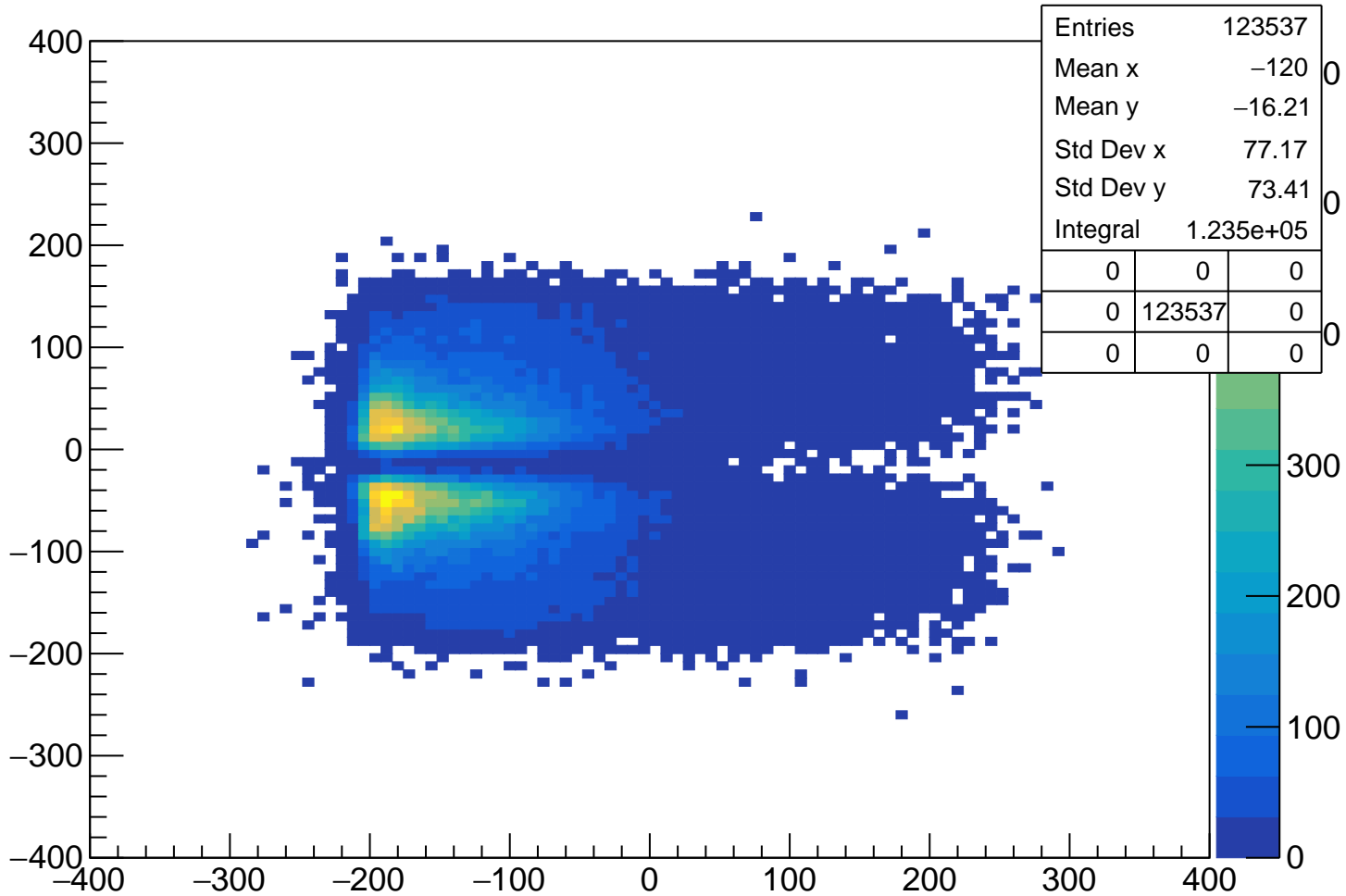
tofsegKurama[0] % vpseg[1]



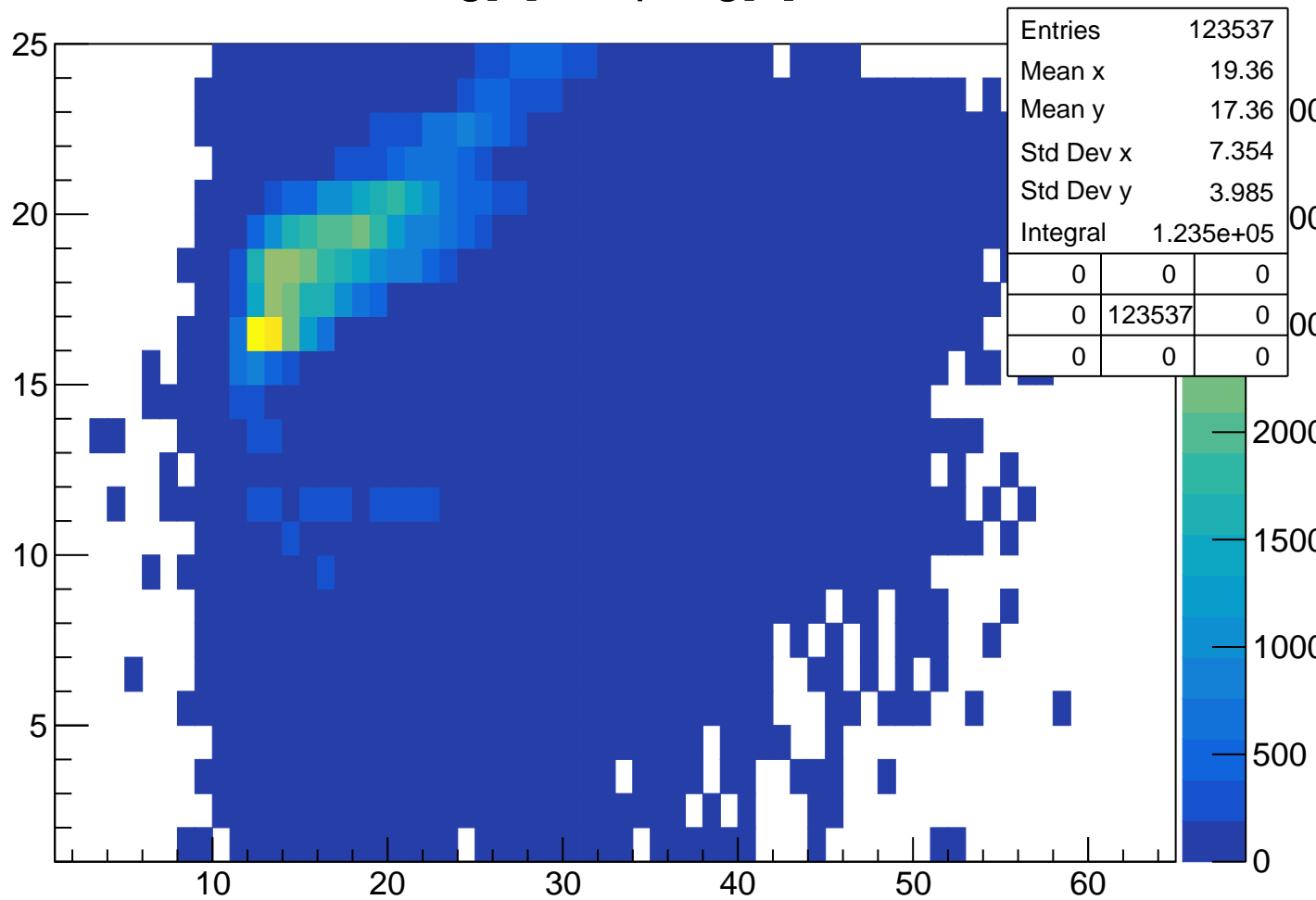
pKurama % m2 Cut1



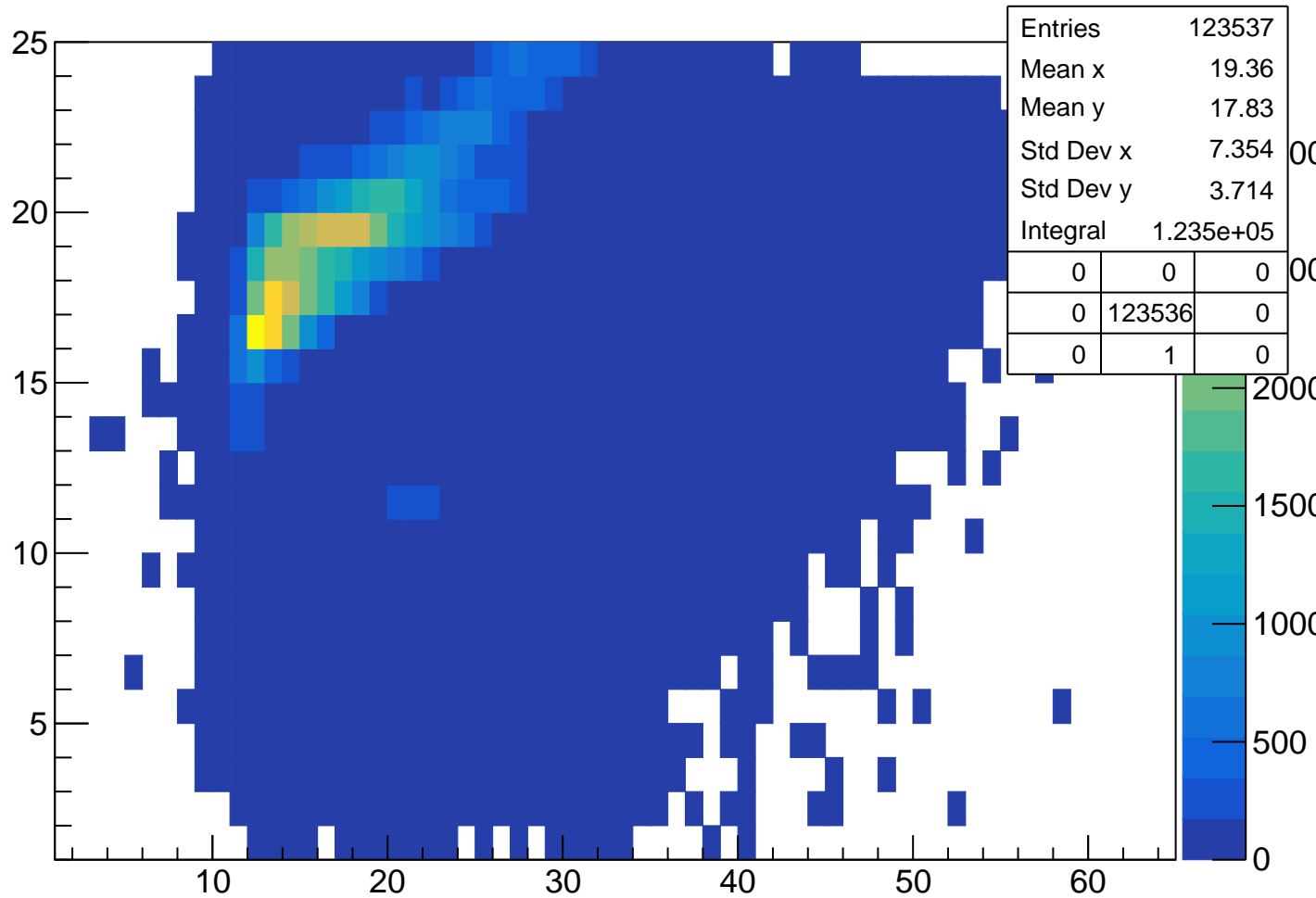
vpy[1] % vpx[1] Cut1



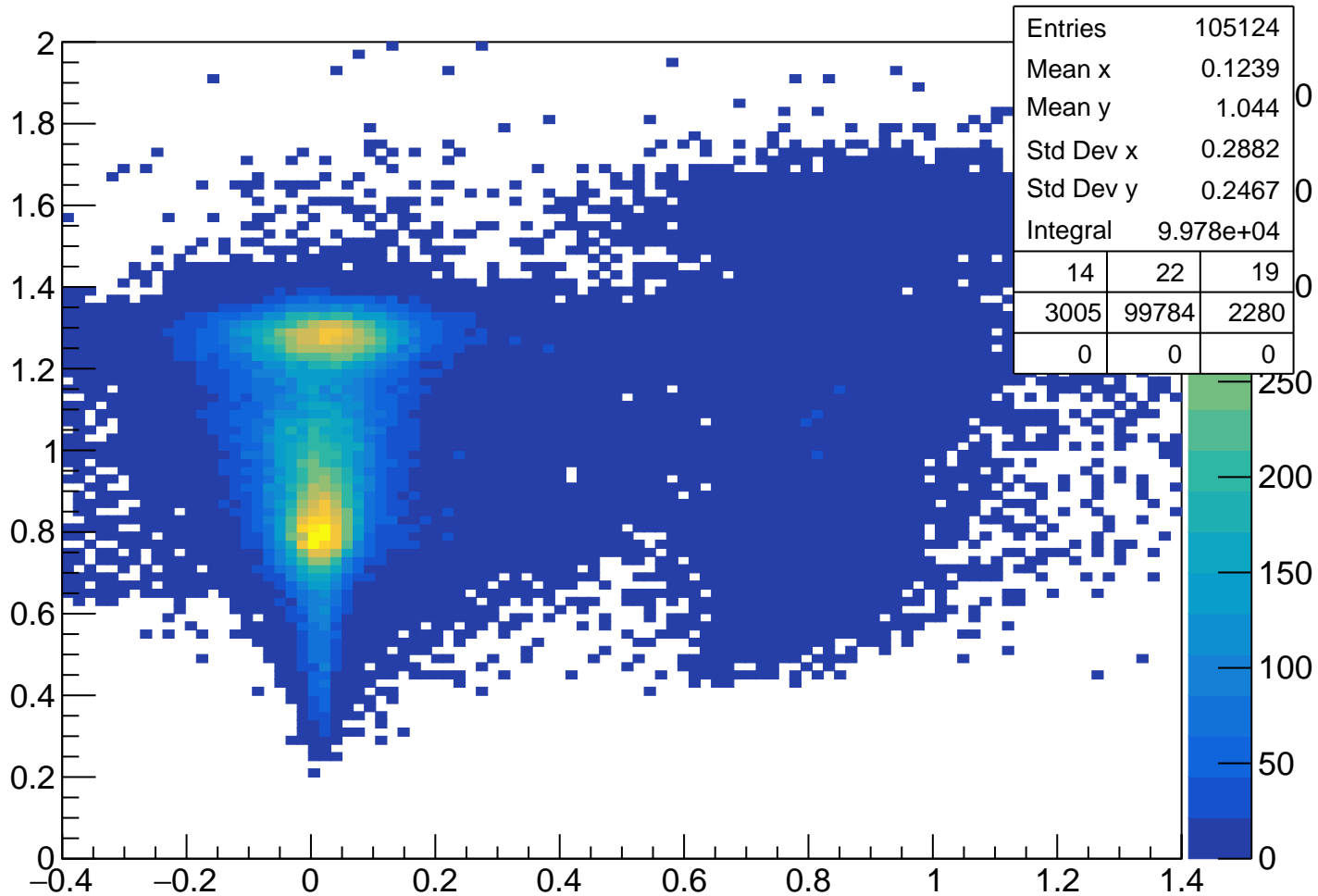
TofSeg[0] % vpseg[1] Cut1



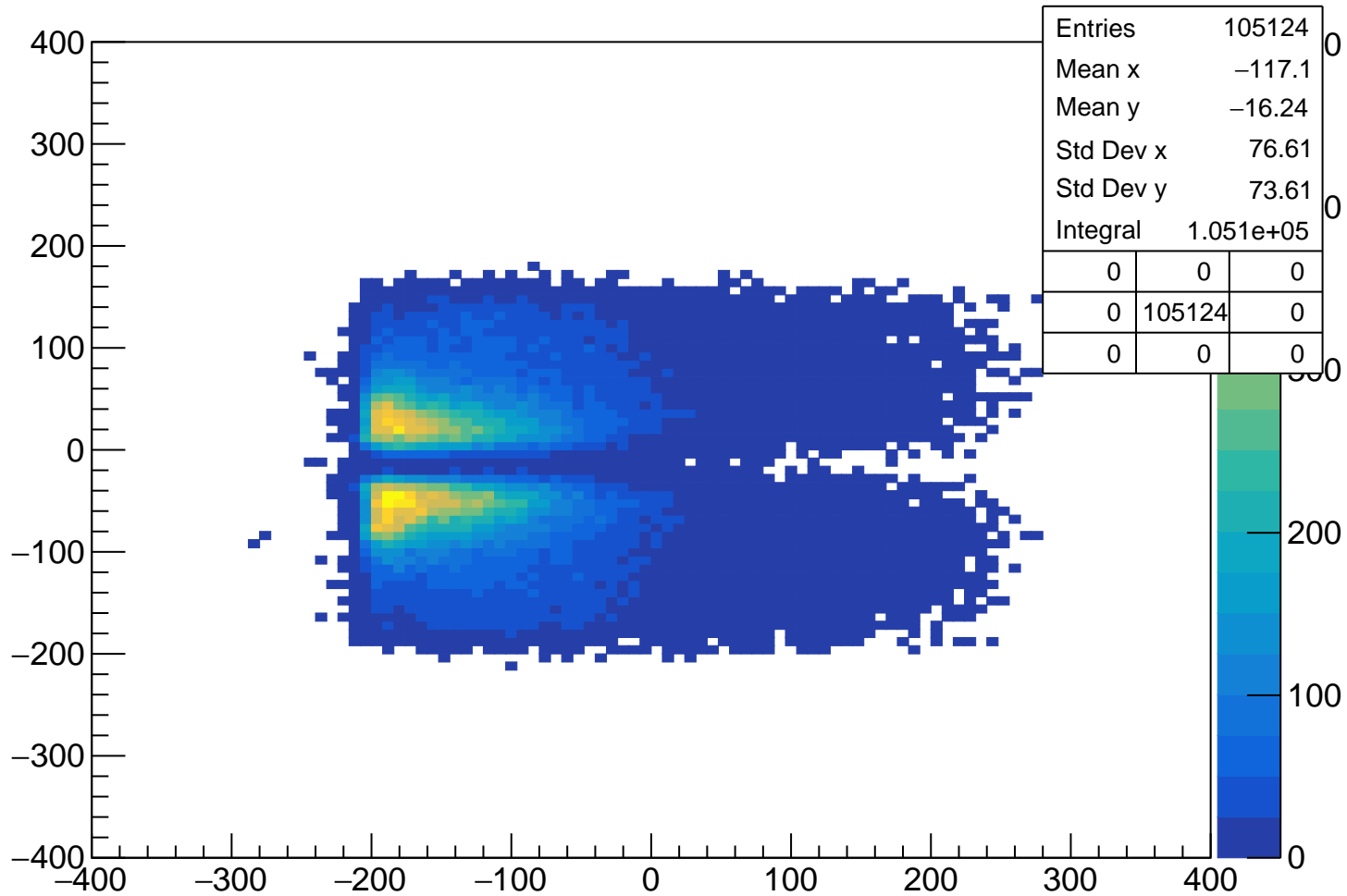
tofsegKurama[0] % vpseg[1] Cut1



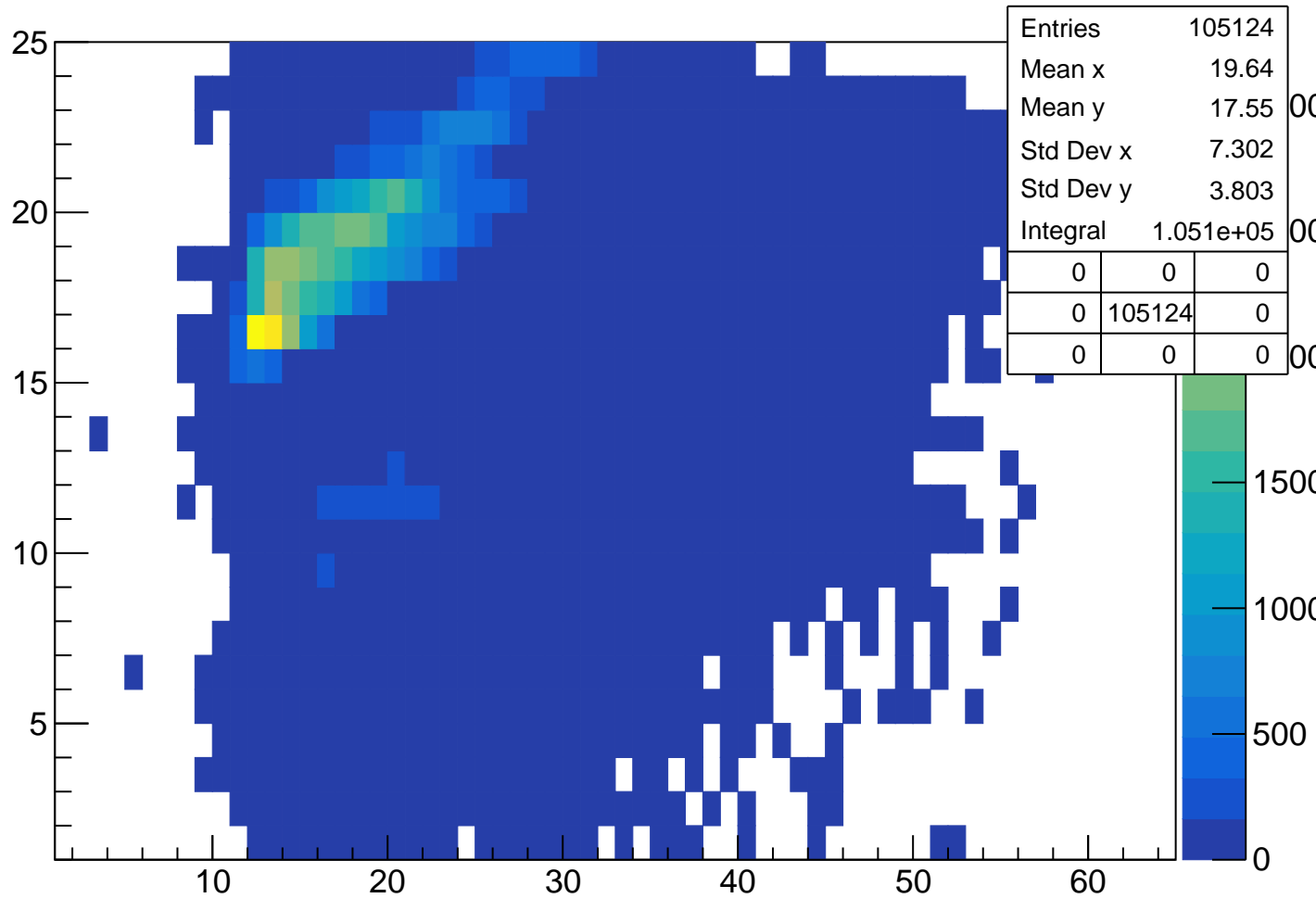
pKurama % m2 Cut2



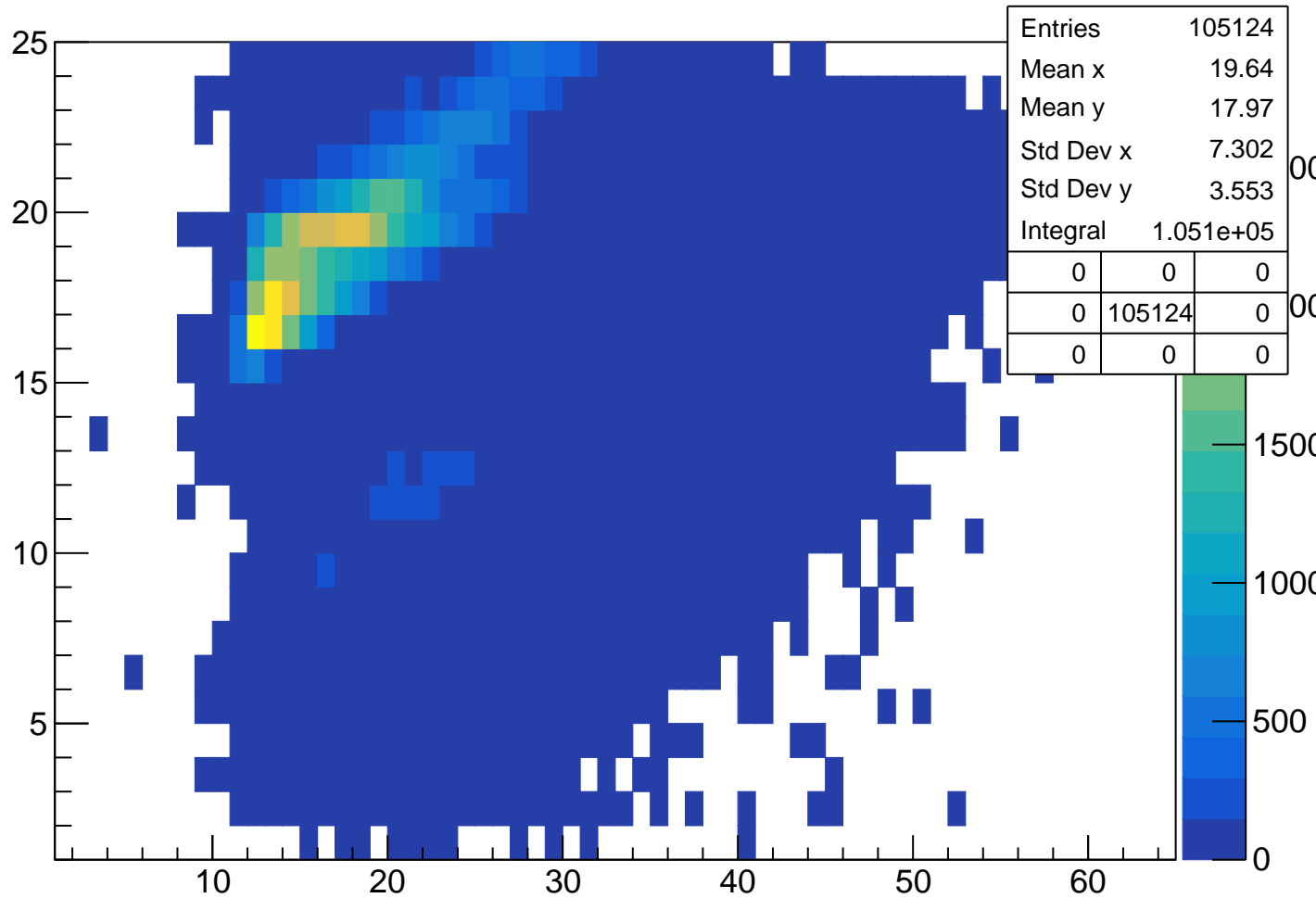
vpy[1] % vpx[1] Cut2



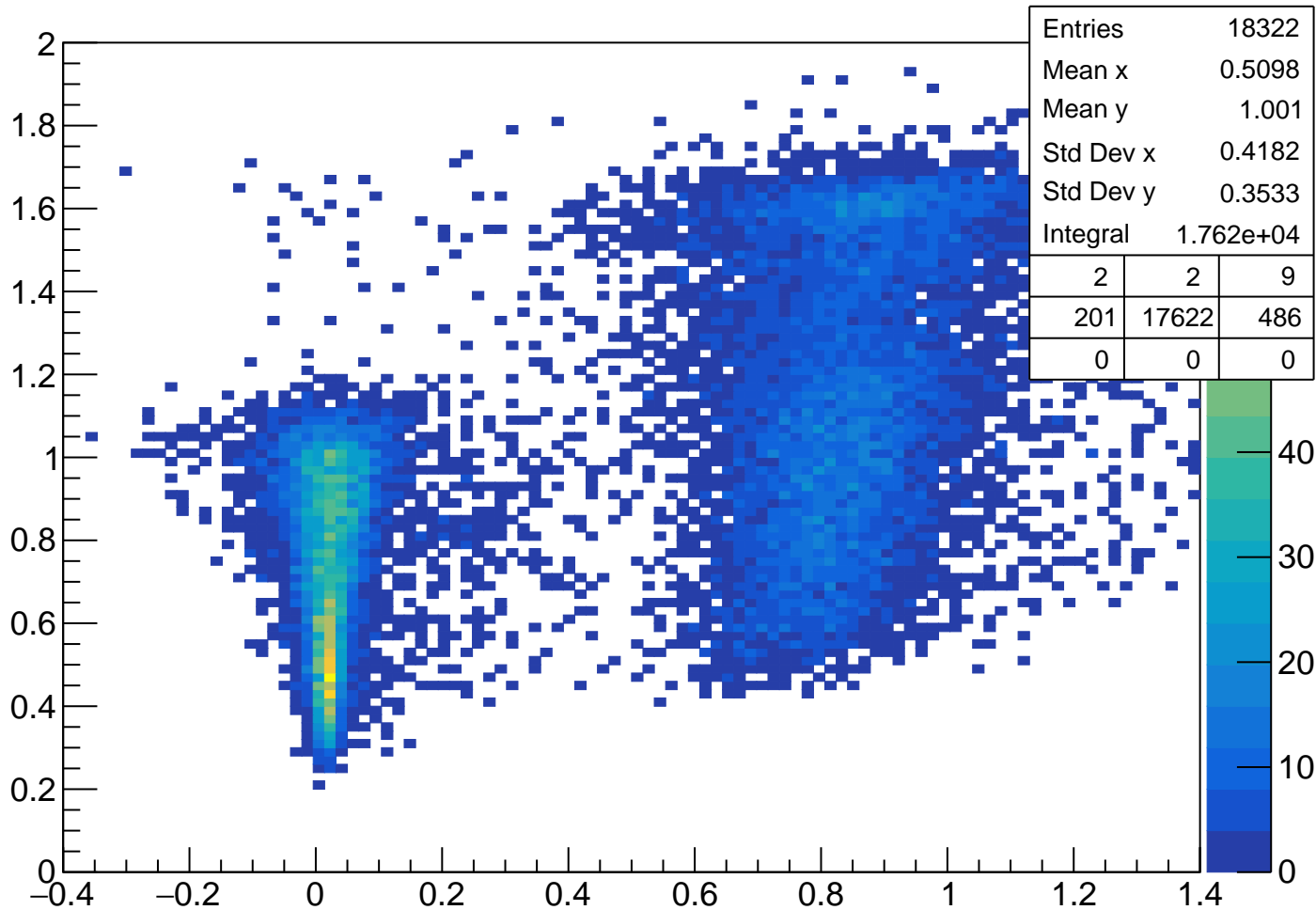
TofSeg[0] % vpseg[1] Cut2



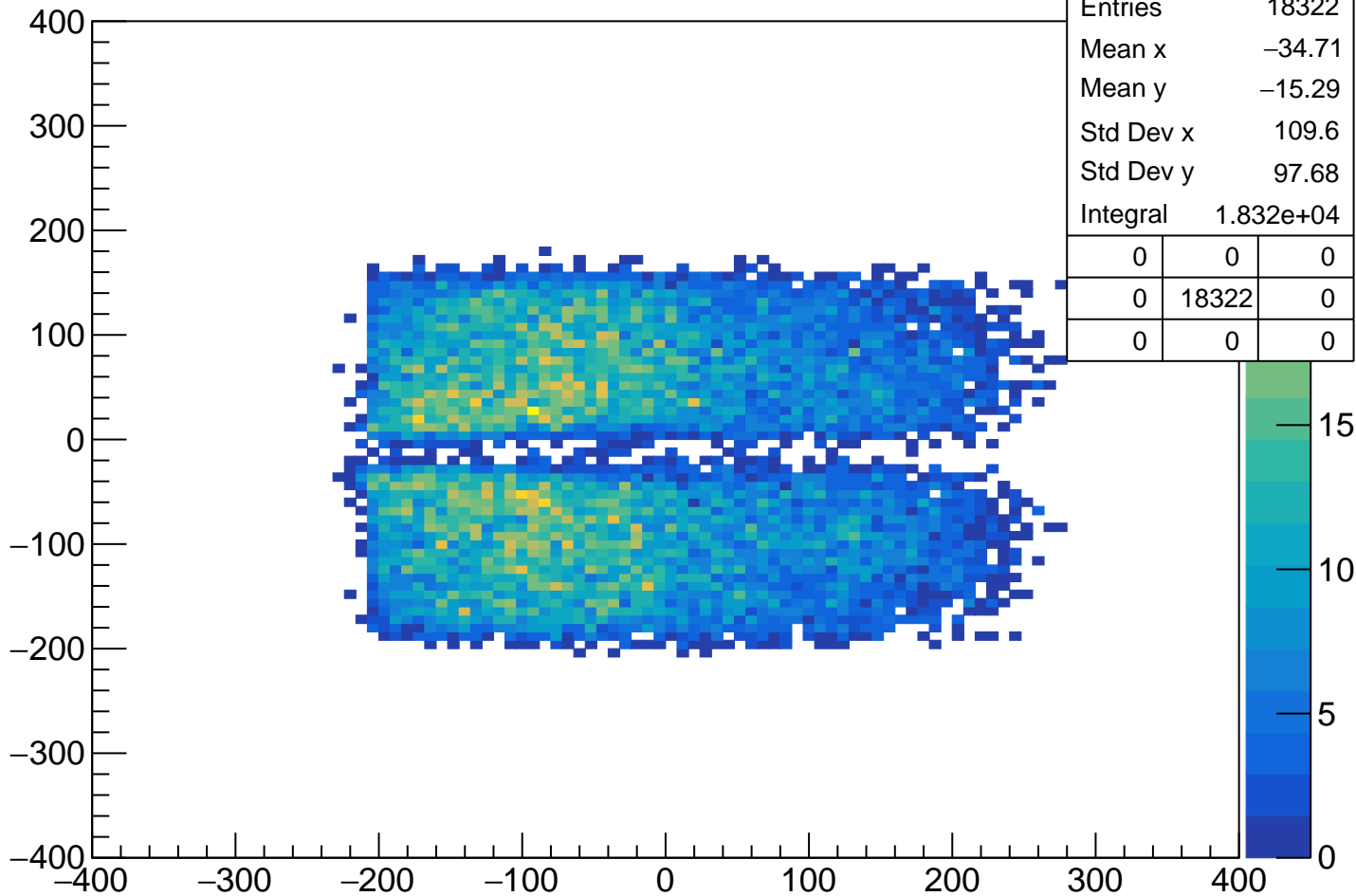
tofsegKurama[0] % vpseg[1] Cut2



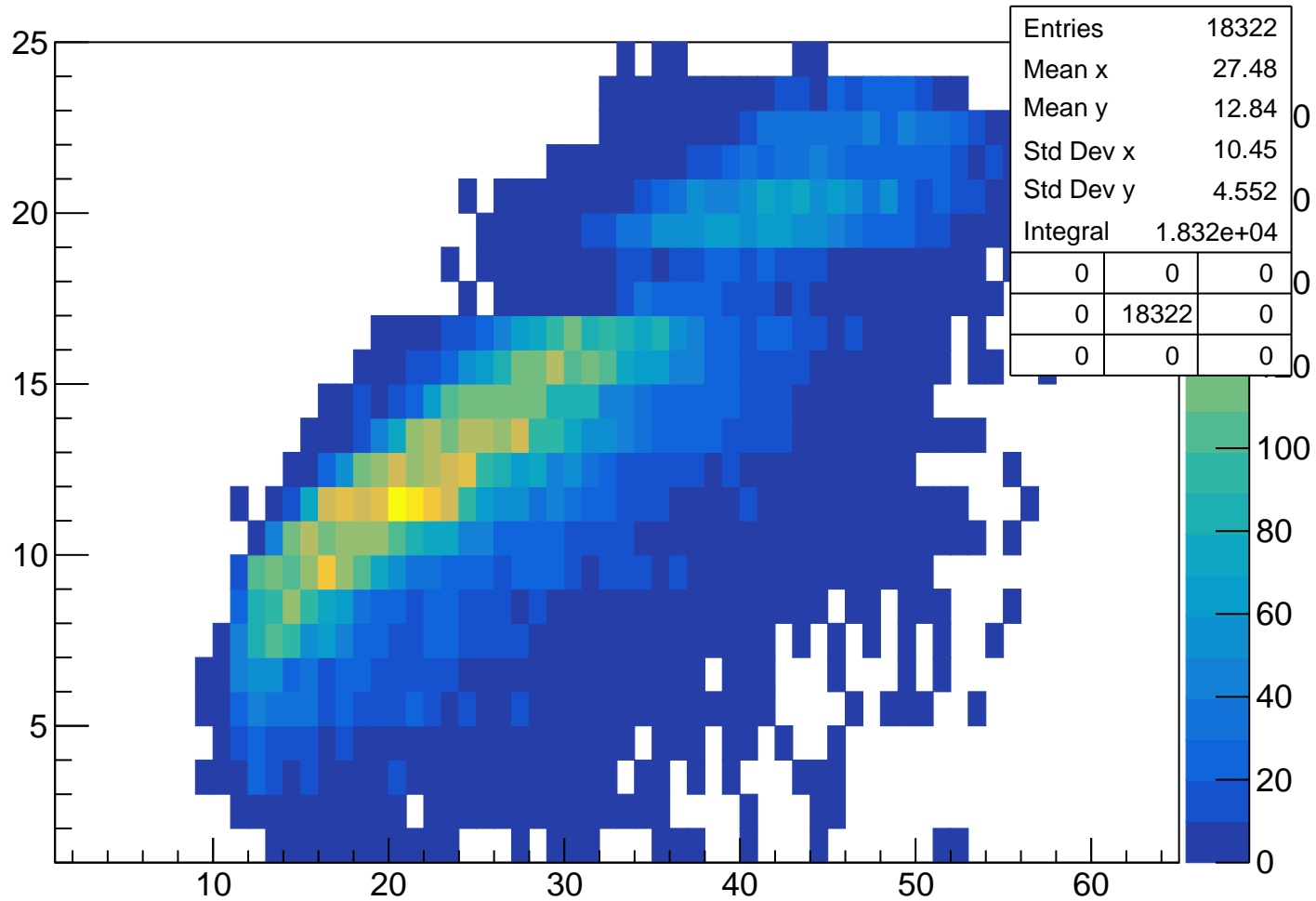
pKurama % m2 Cut3



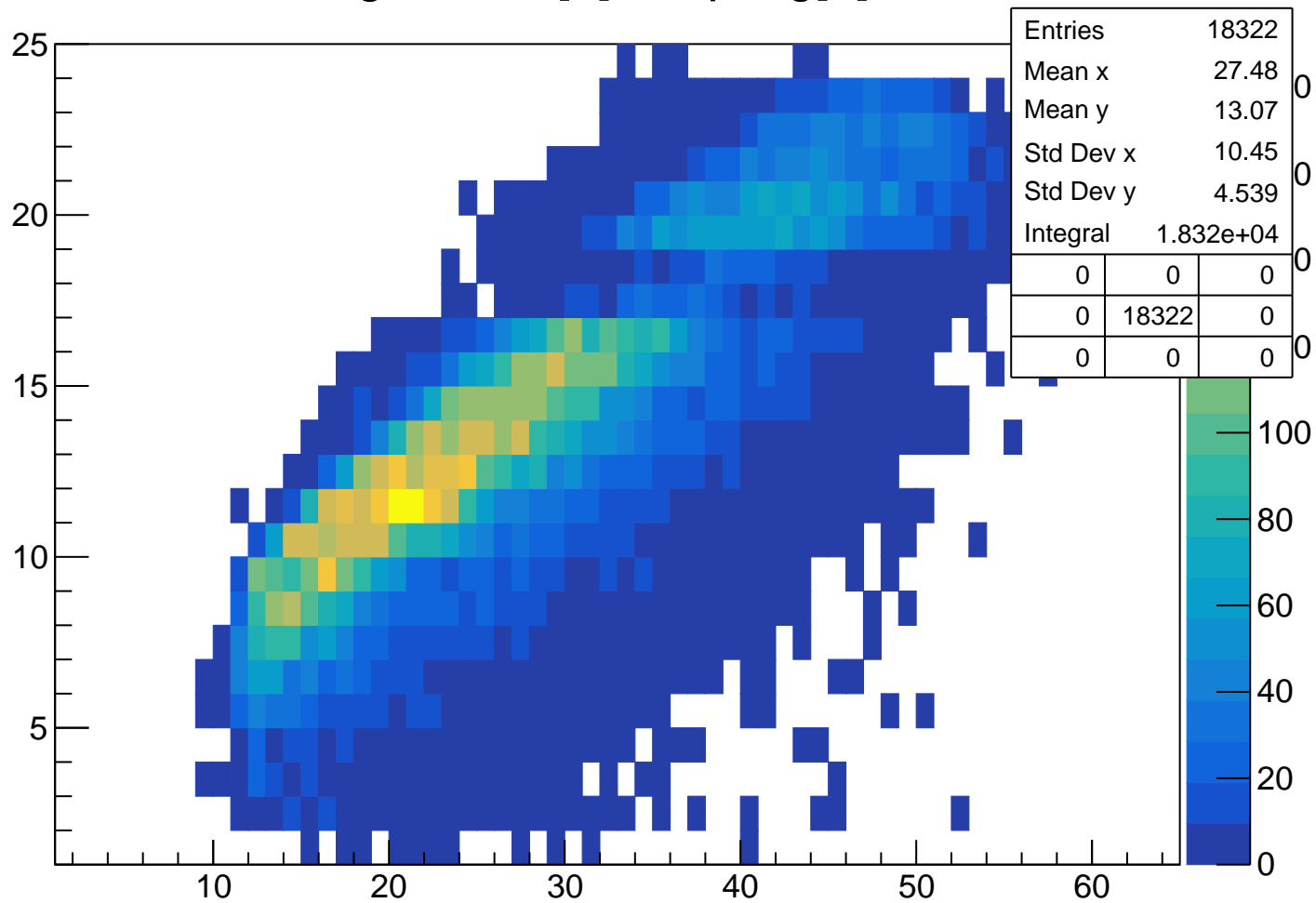
vpy[1] % vpx[1] Cut3



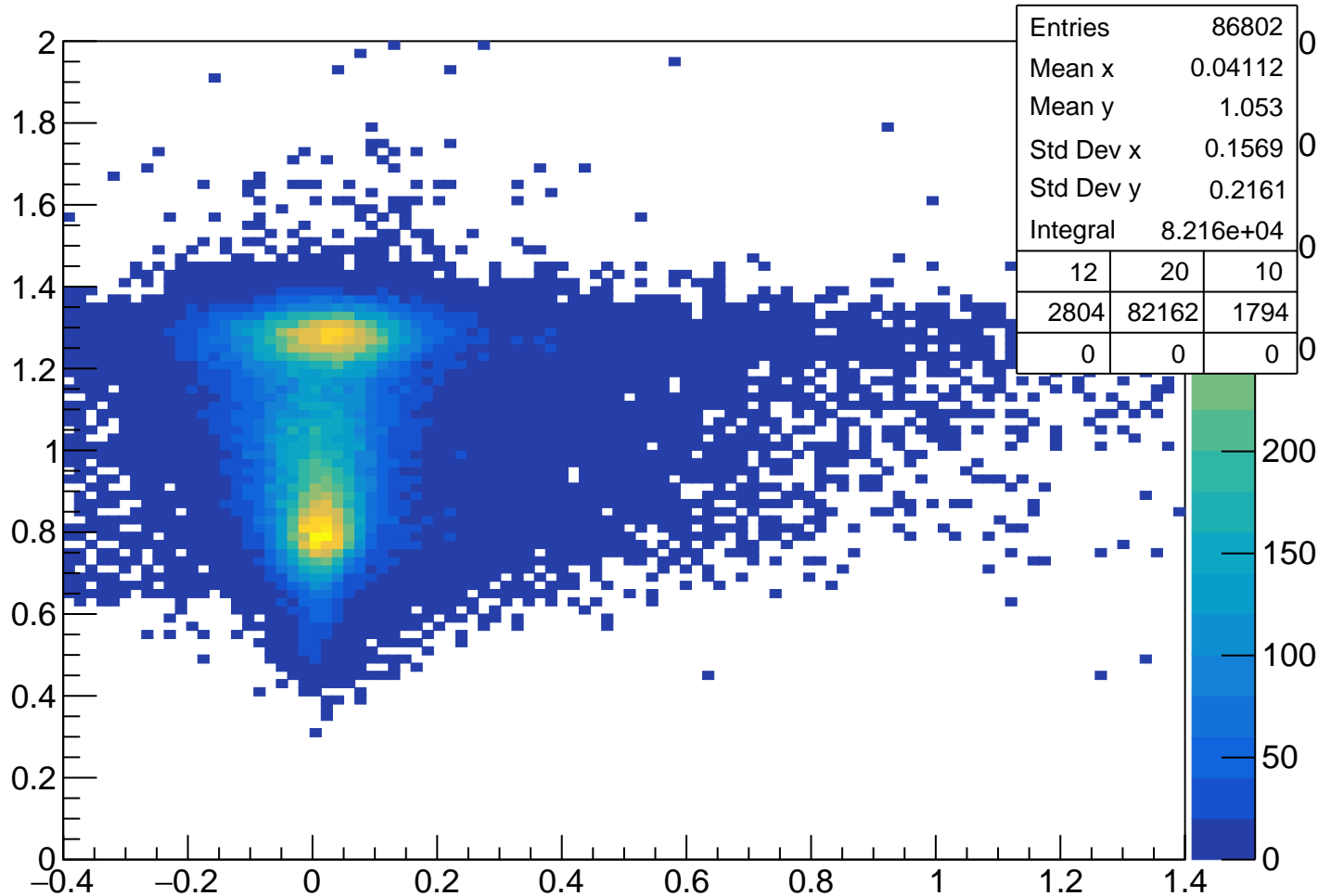
TofSeg[0] % vpseg[1] Cut3



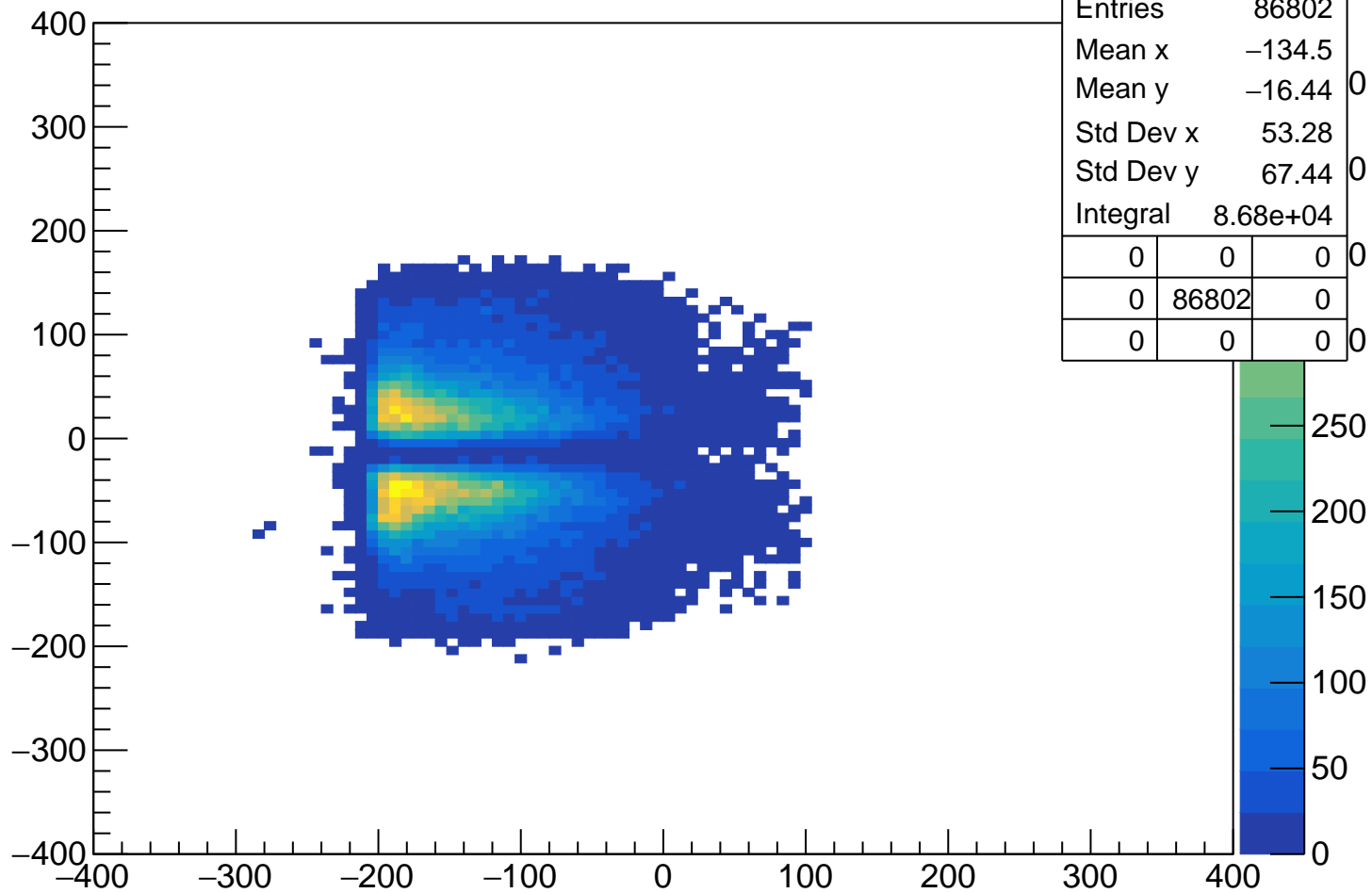
tofsegKurama[0] % vpseg[1] Cut3



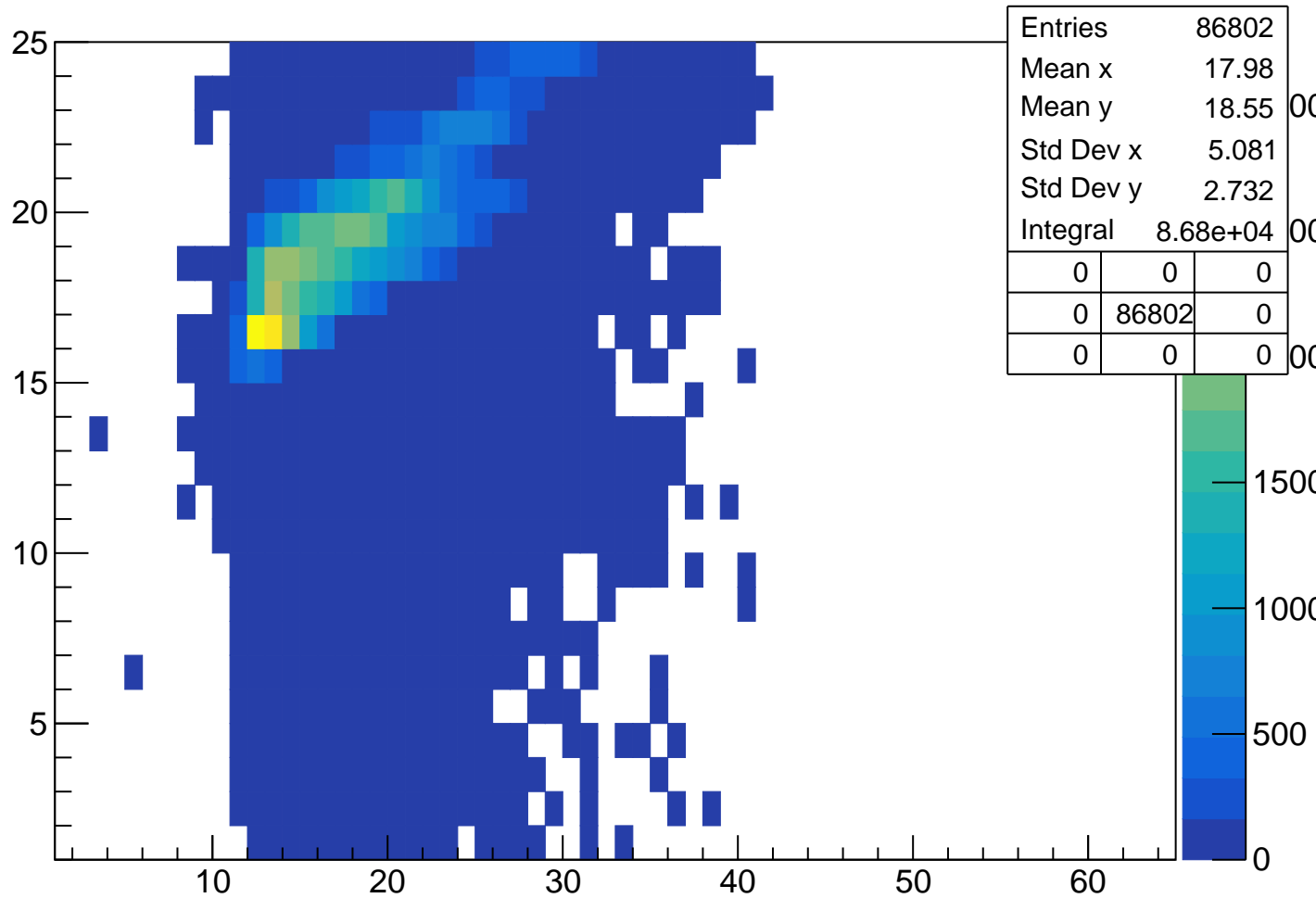
pKurama % m2 Cut4



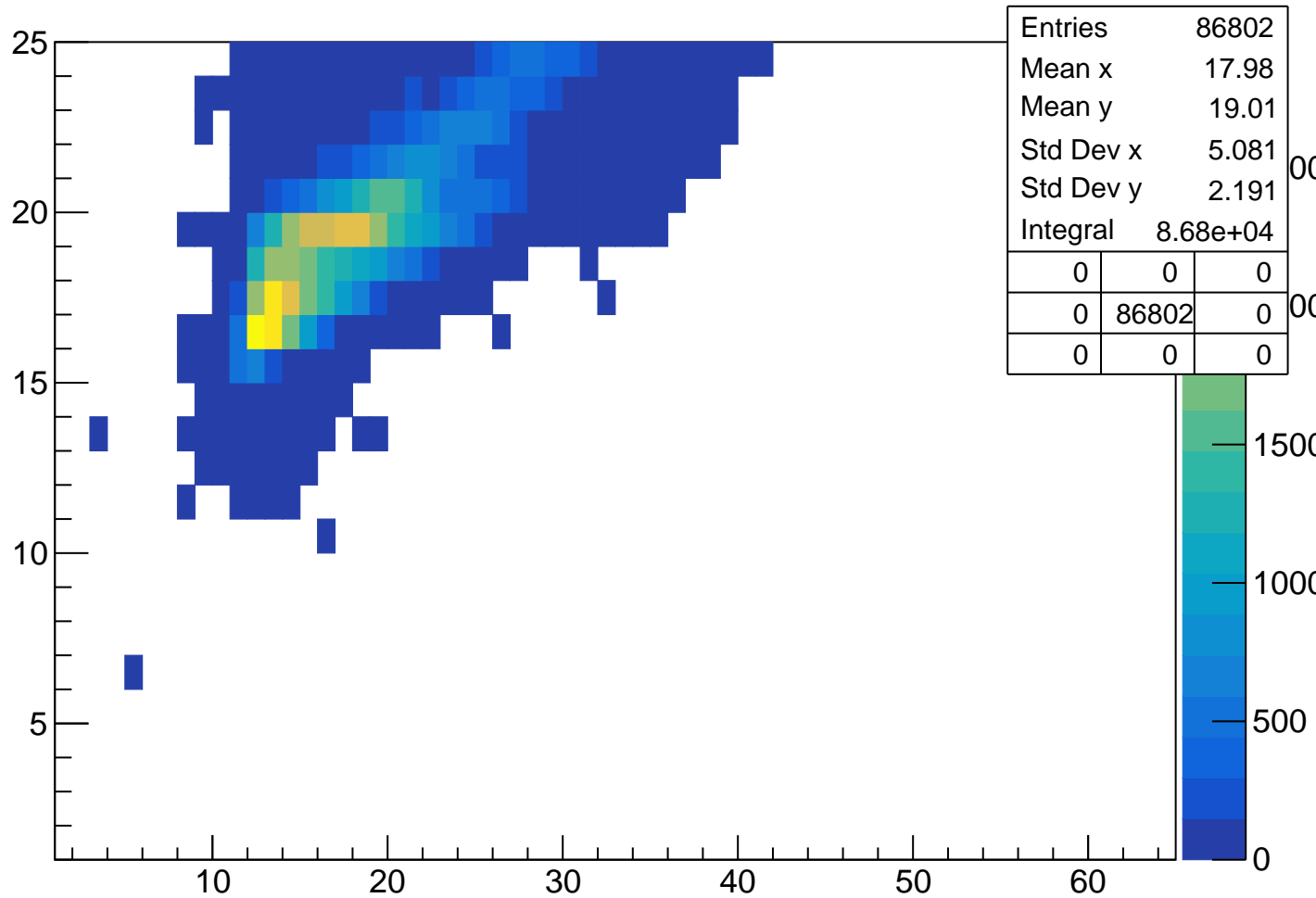
vpy[1] % vpx[1] Cut4



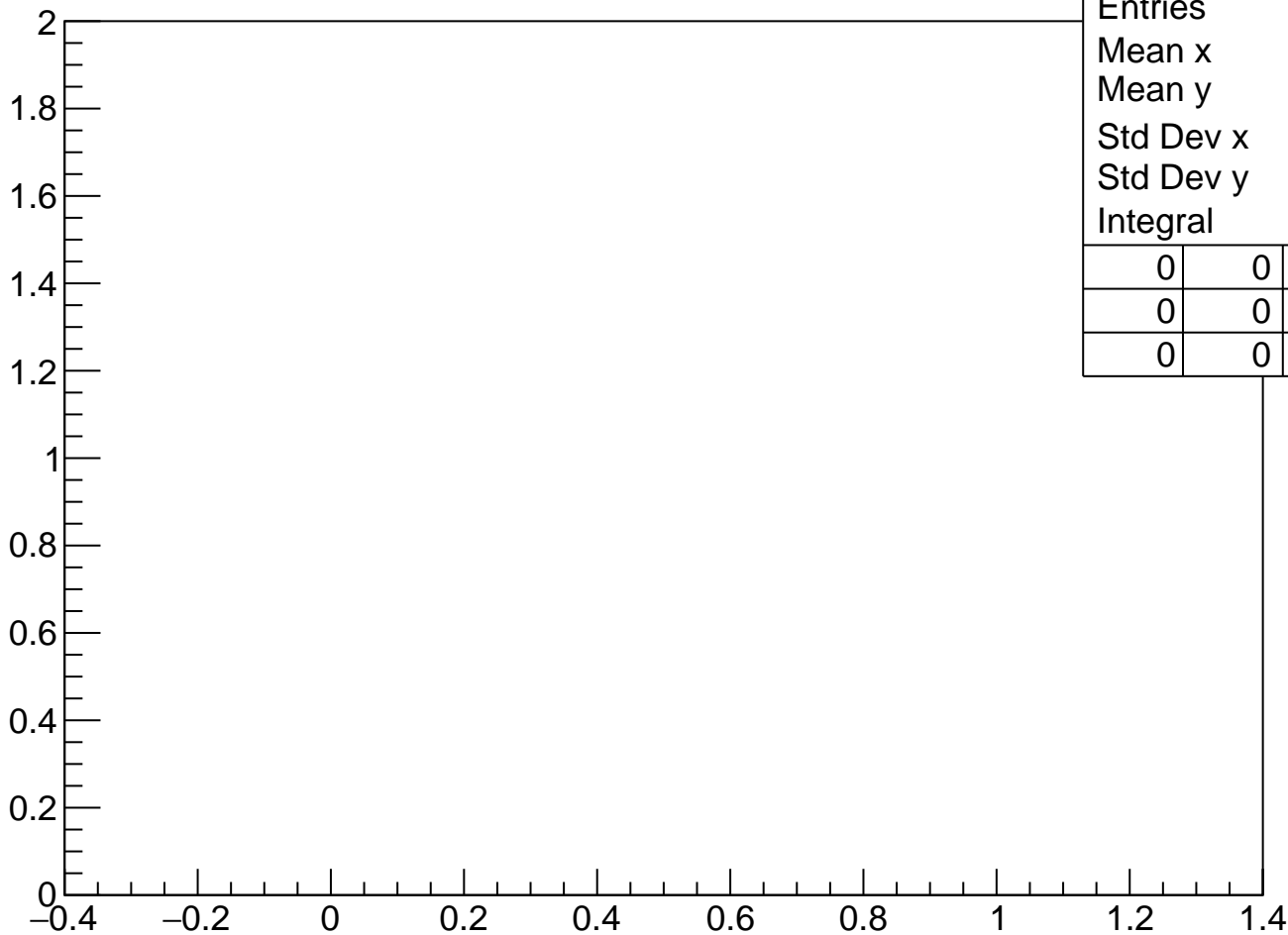
TofSeg[0] % vpseg[1] Cut4



tofsegKurama[0] % vpseg[1] Cut4



pKurama vs m2 Cut3 $0 < \text{pKurama}[0] < 0.2$



Entries	0		
Mean x	0		
Mean y	0		
Std Dev x	0		
Std Dev y	0		
Integral	0		
0	0	0	
0	0	0	
0	0	0	

vpy[1] vs vpx[1]

Cut3 0<pKurama[0]<0.2



Entries	0		
Mean x	0		
Mean y	0		
Std Dev x	0		
Std Dev y	0		
Integral	0		
0	0	0	
0	0	0	
0	0	0	

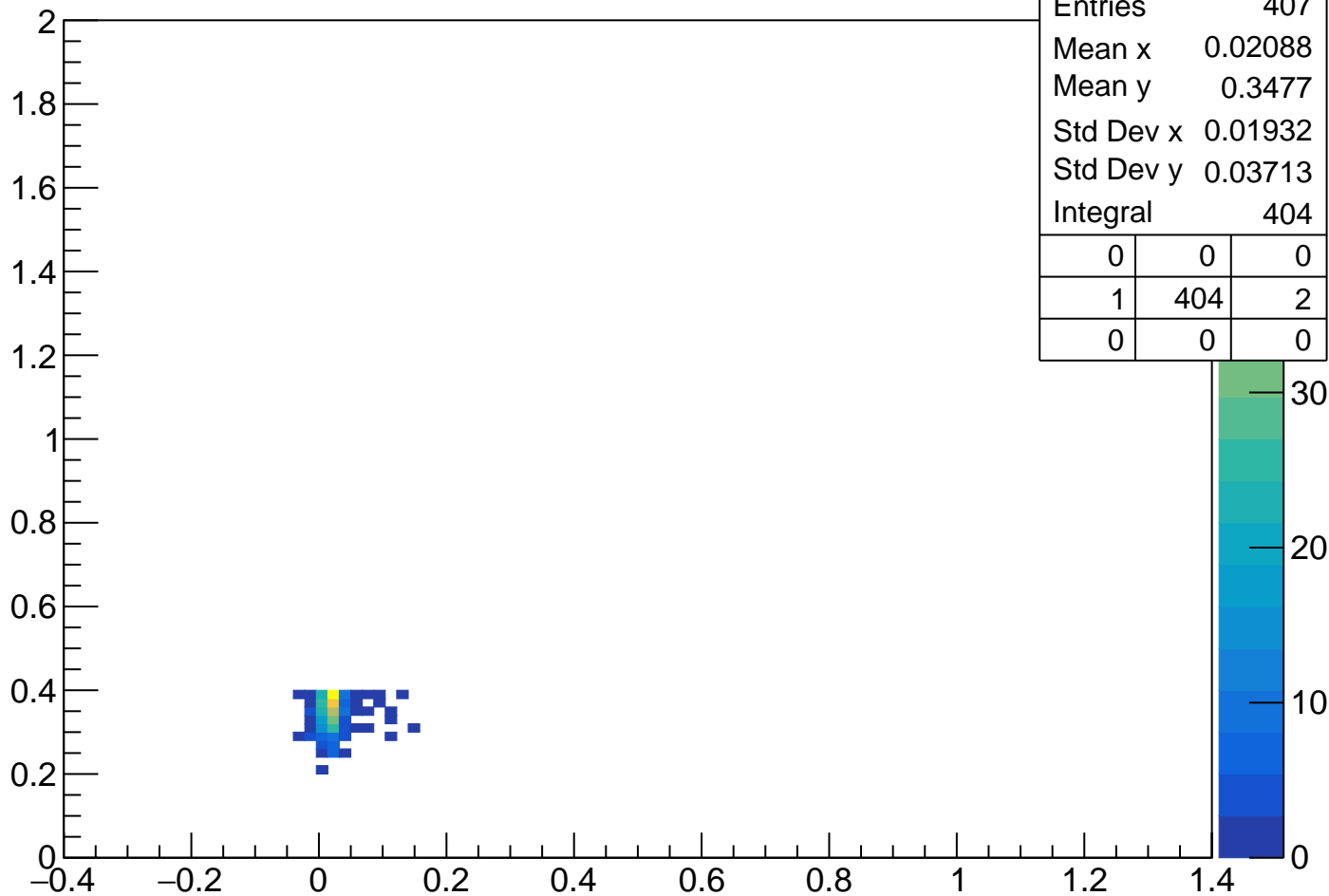
TofSeg[0] vs vpseg[1] Cut3 0<pKurama[0]<0.2



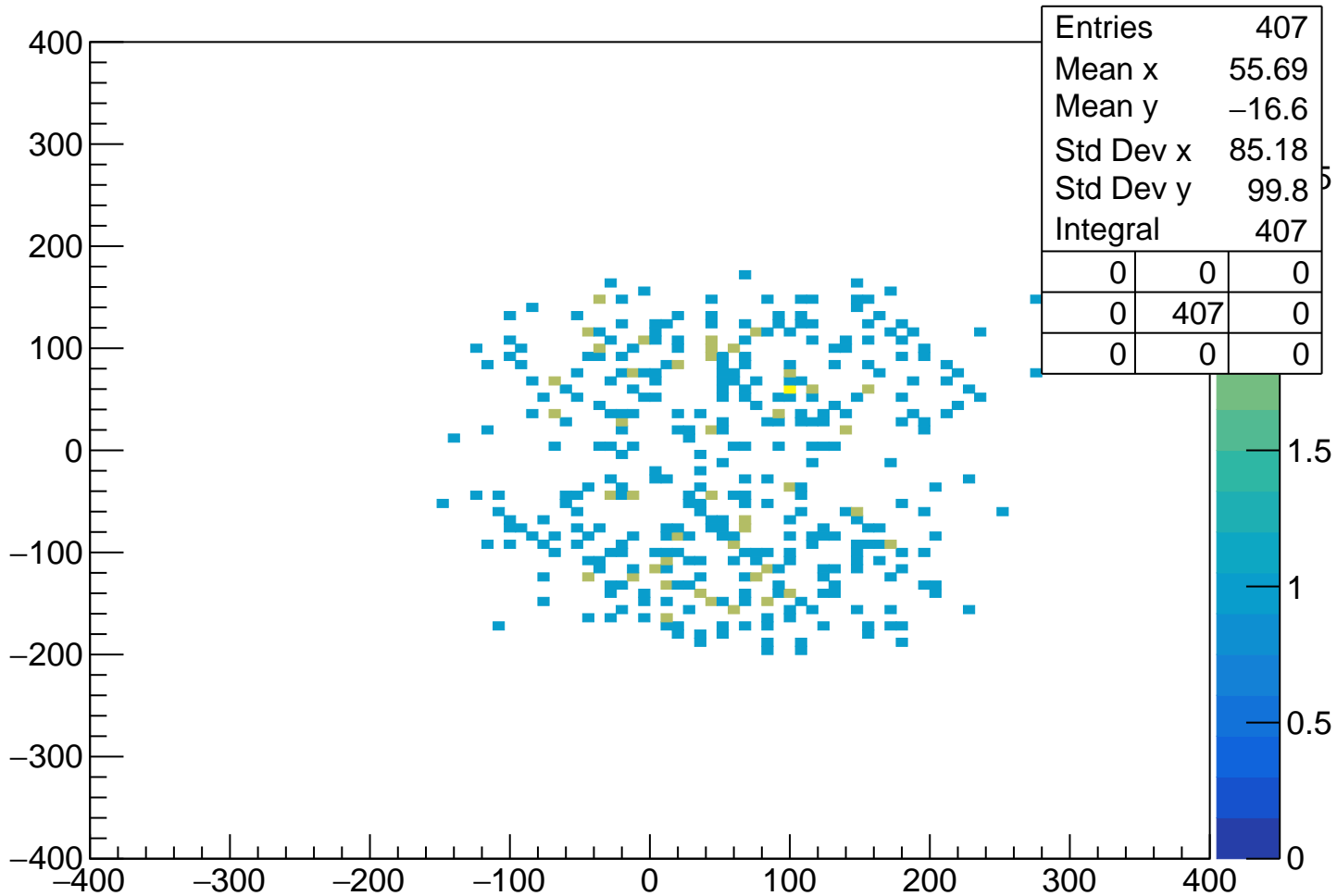
tofsegKurama[0] vs vpseg[1] Cut3 0<pKurama[0]<0.2



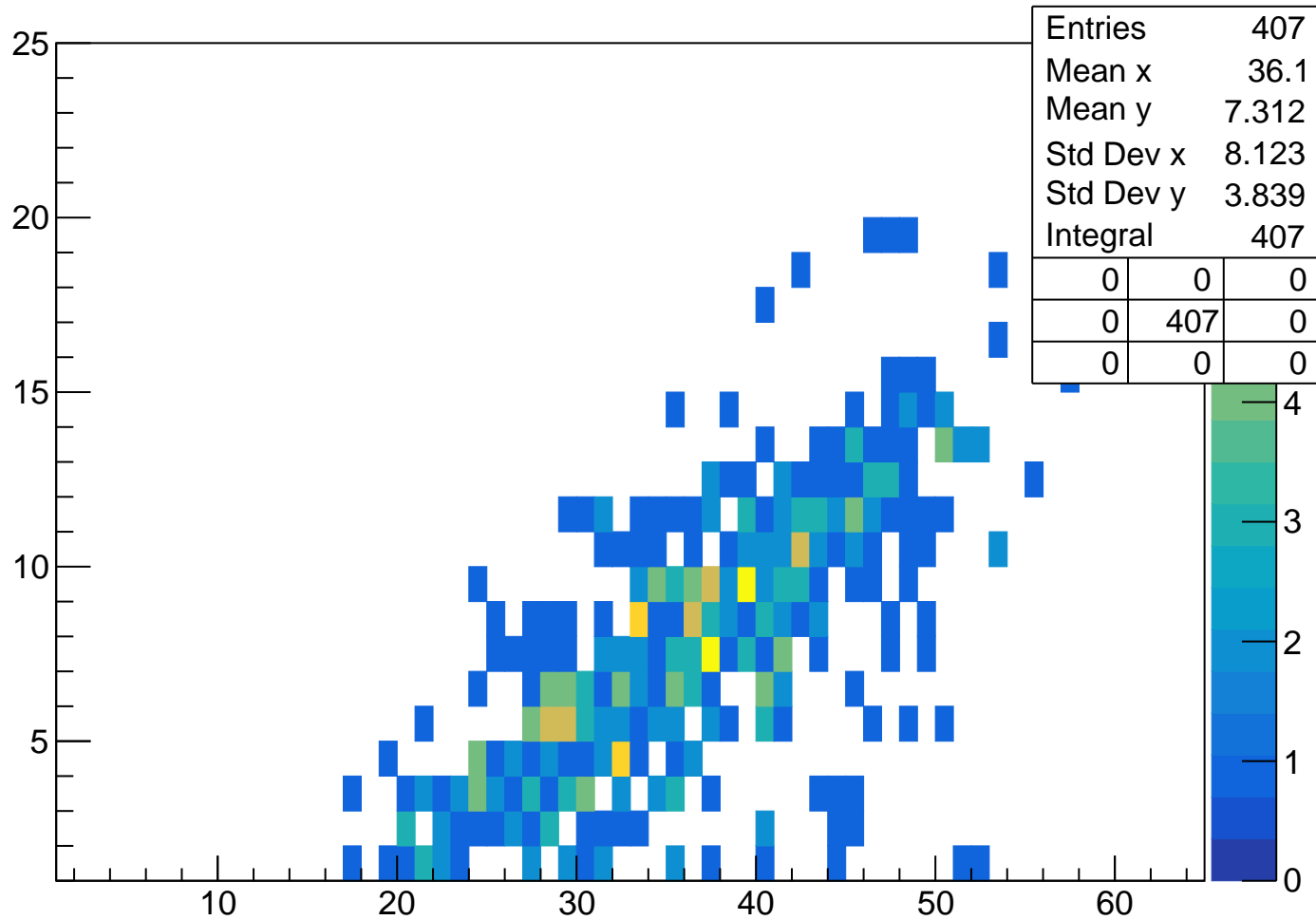
pKurama vs m2 Cut3 $0.2 < \text{pKurama}[0] < 0.4$



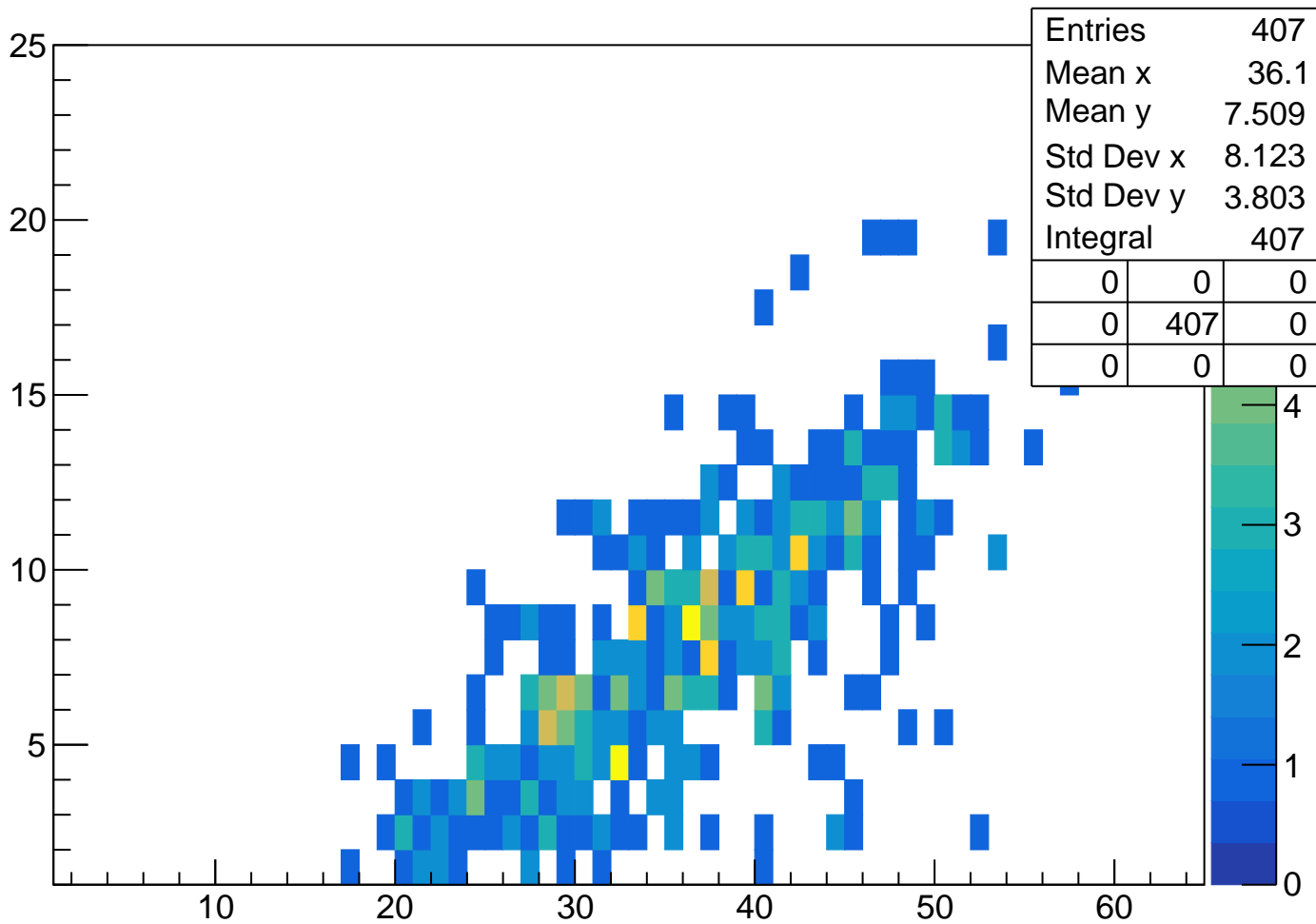
vpy[1] vs vpx[1] Cut3 0.2<pKurama[0]<0.4



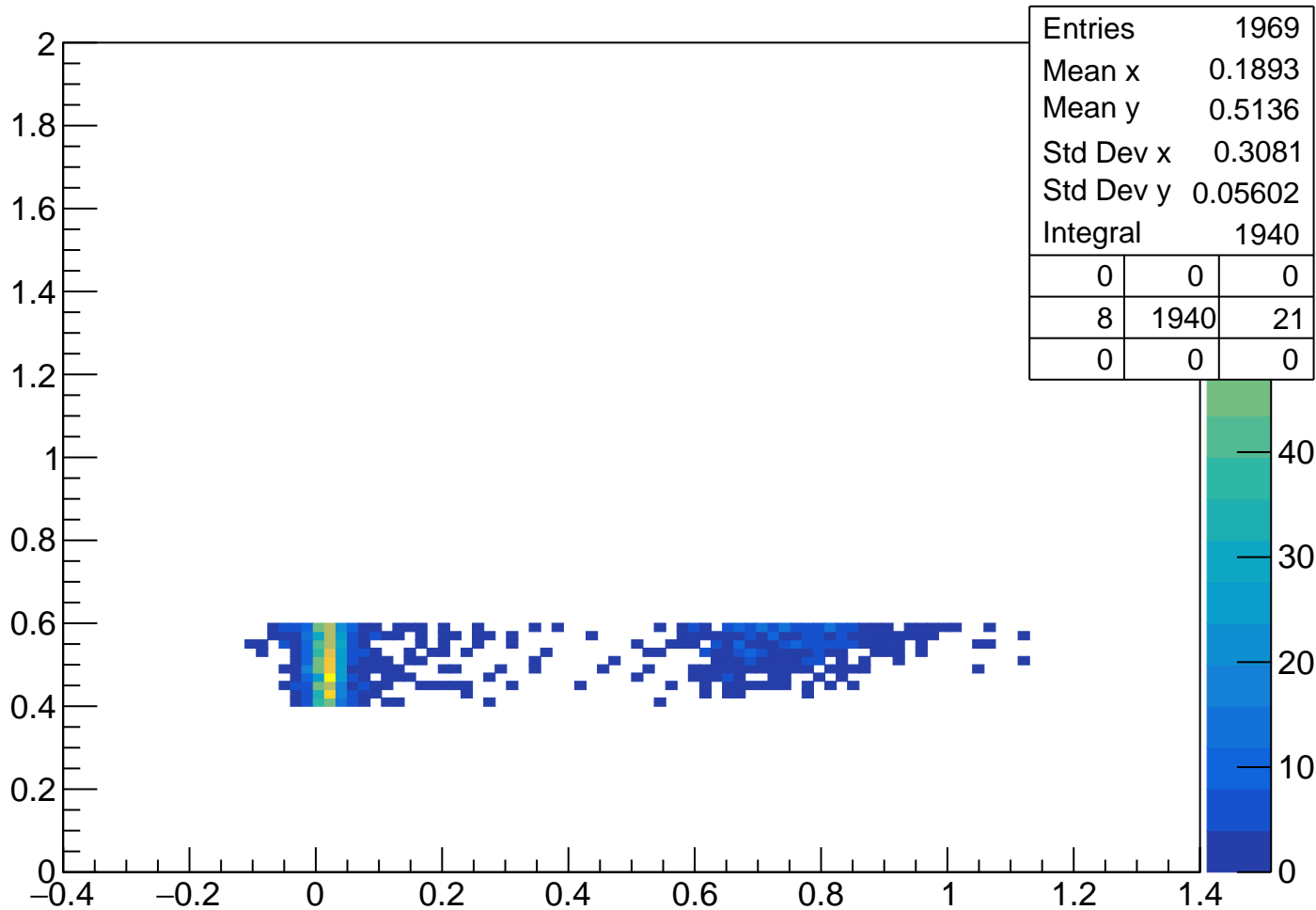
TofSeg[0] vs vpseg[1] Cut3 0.2<pKurama[0]<0.4



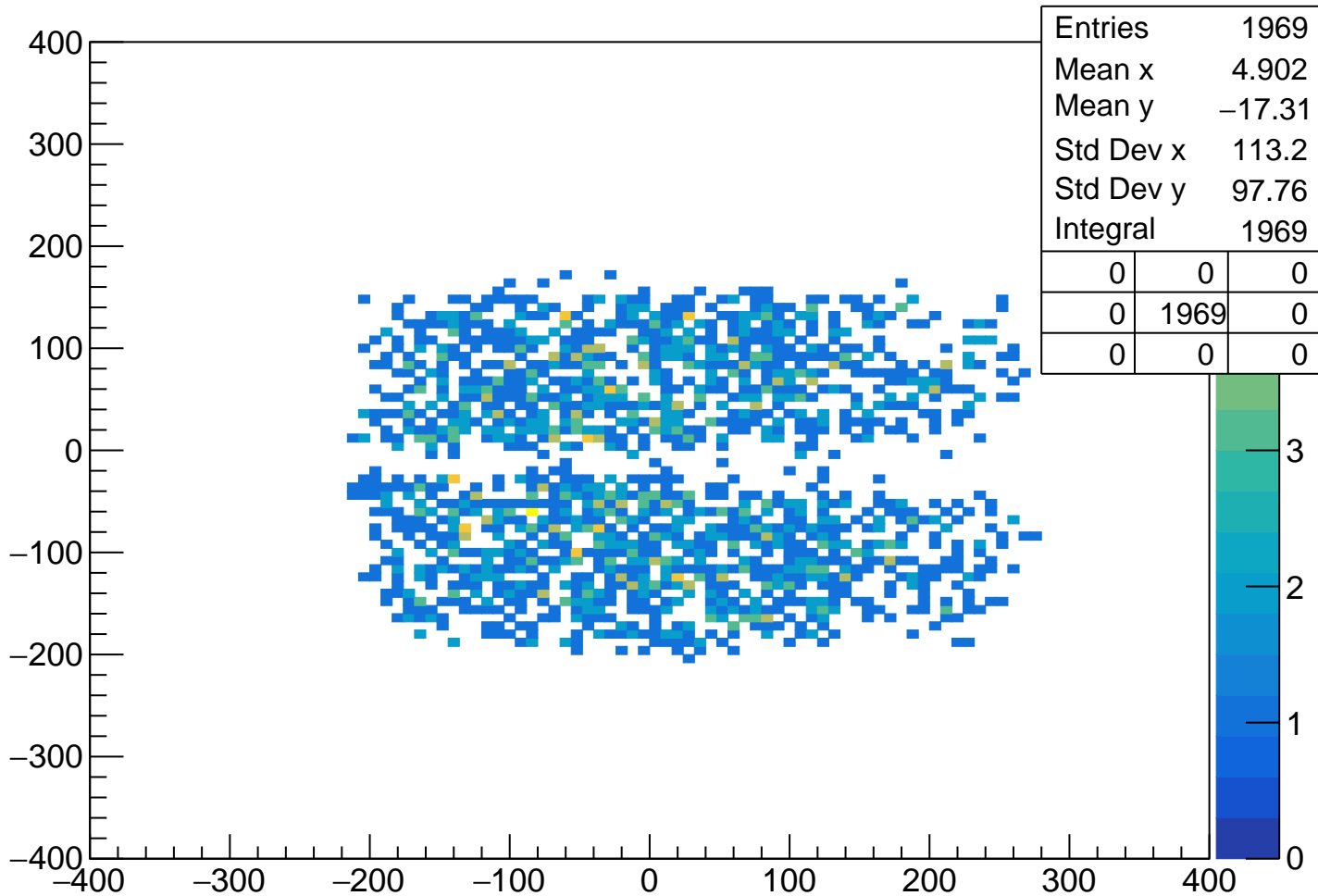
tofsegKurama[0] vs vpseg[1] Cut3 0.2<pKurama[0]<0.4



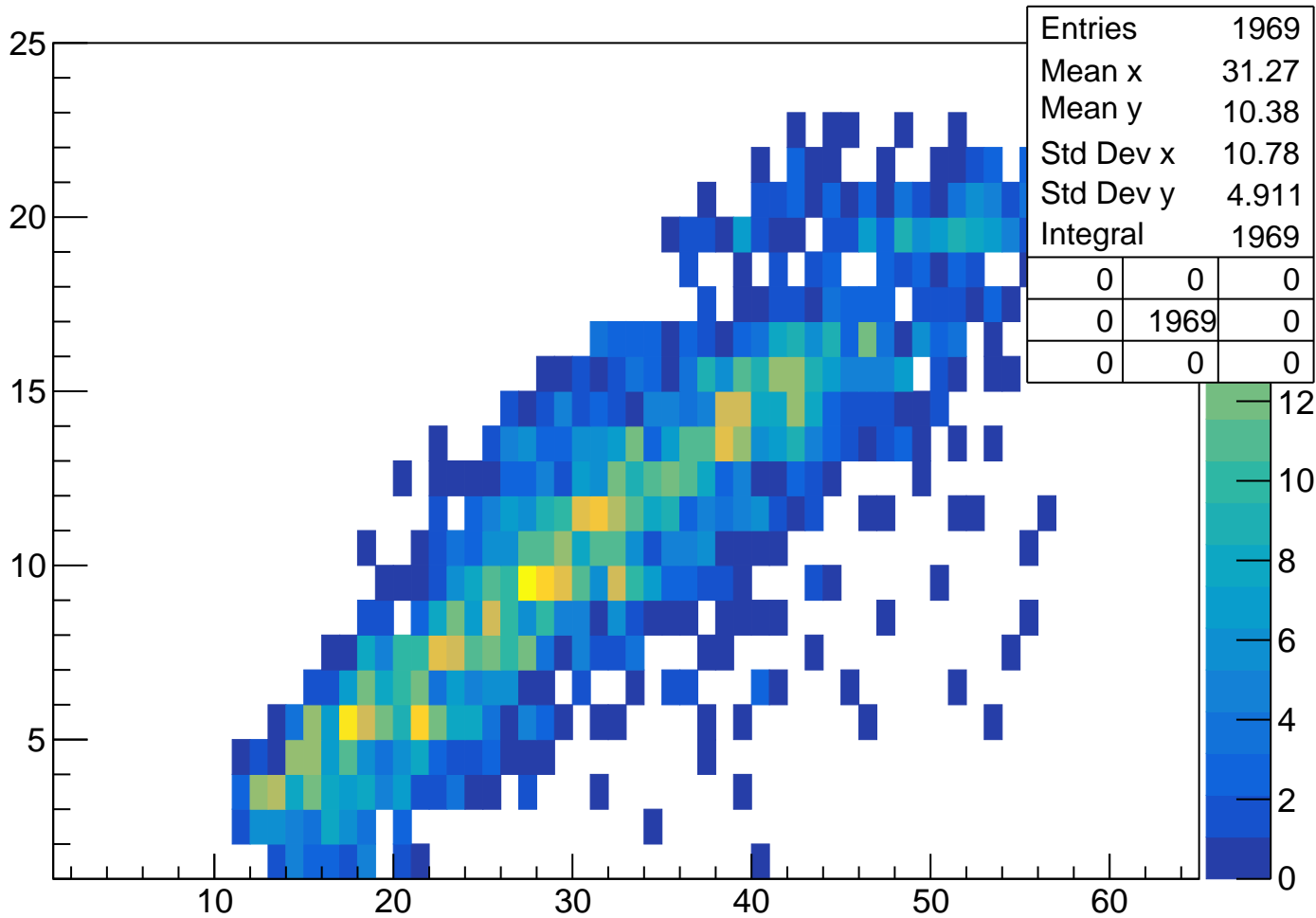
pKurama vs m2 Cut3 $0.4 < \text{pKurama}[0] < 0.6$



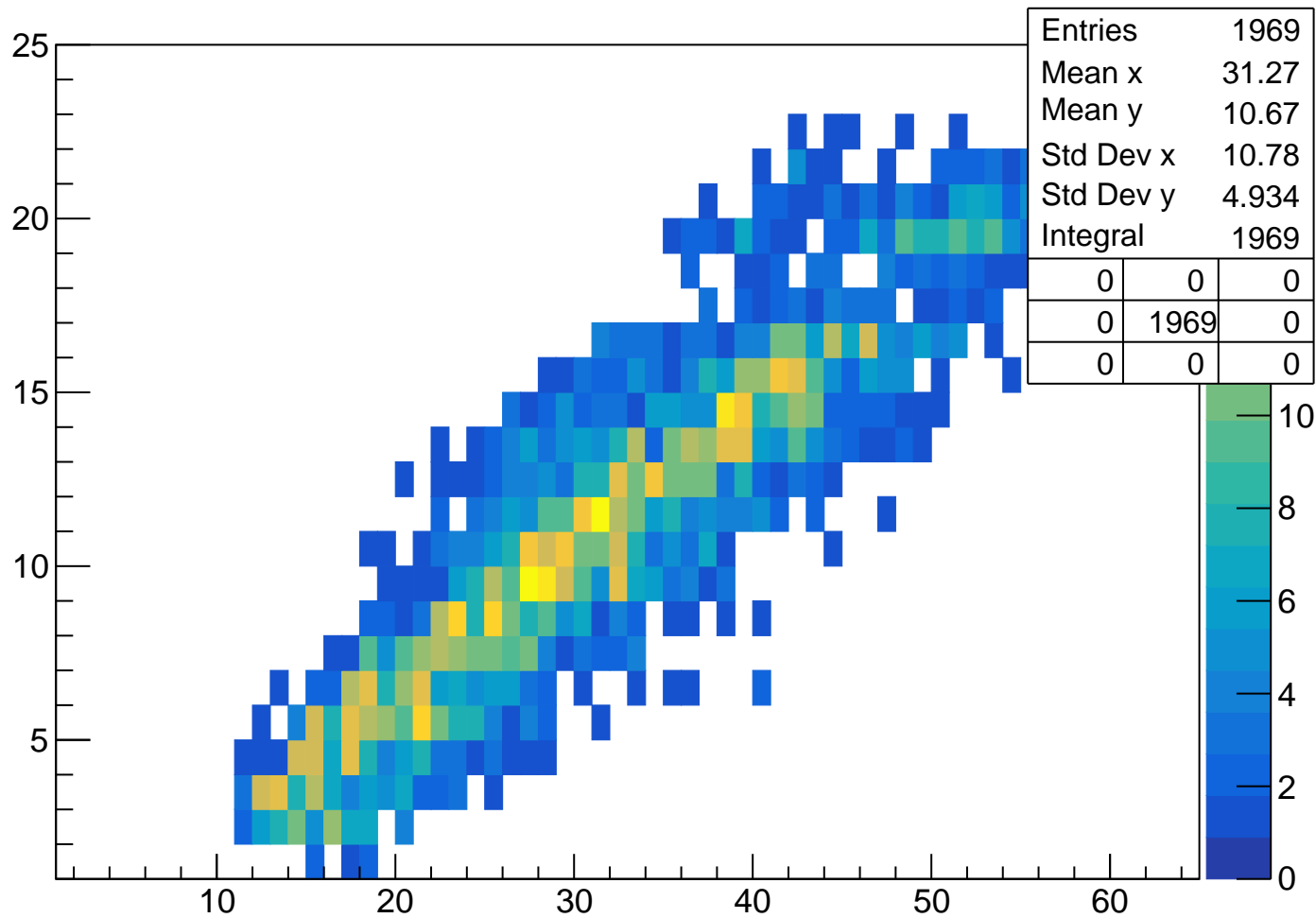
vpy[1] vs vpx[1] Cut3 0.4<pKurama[0]<0.6



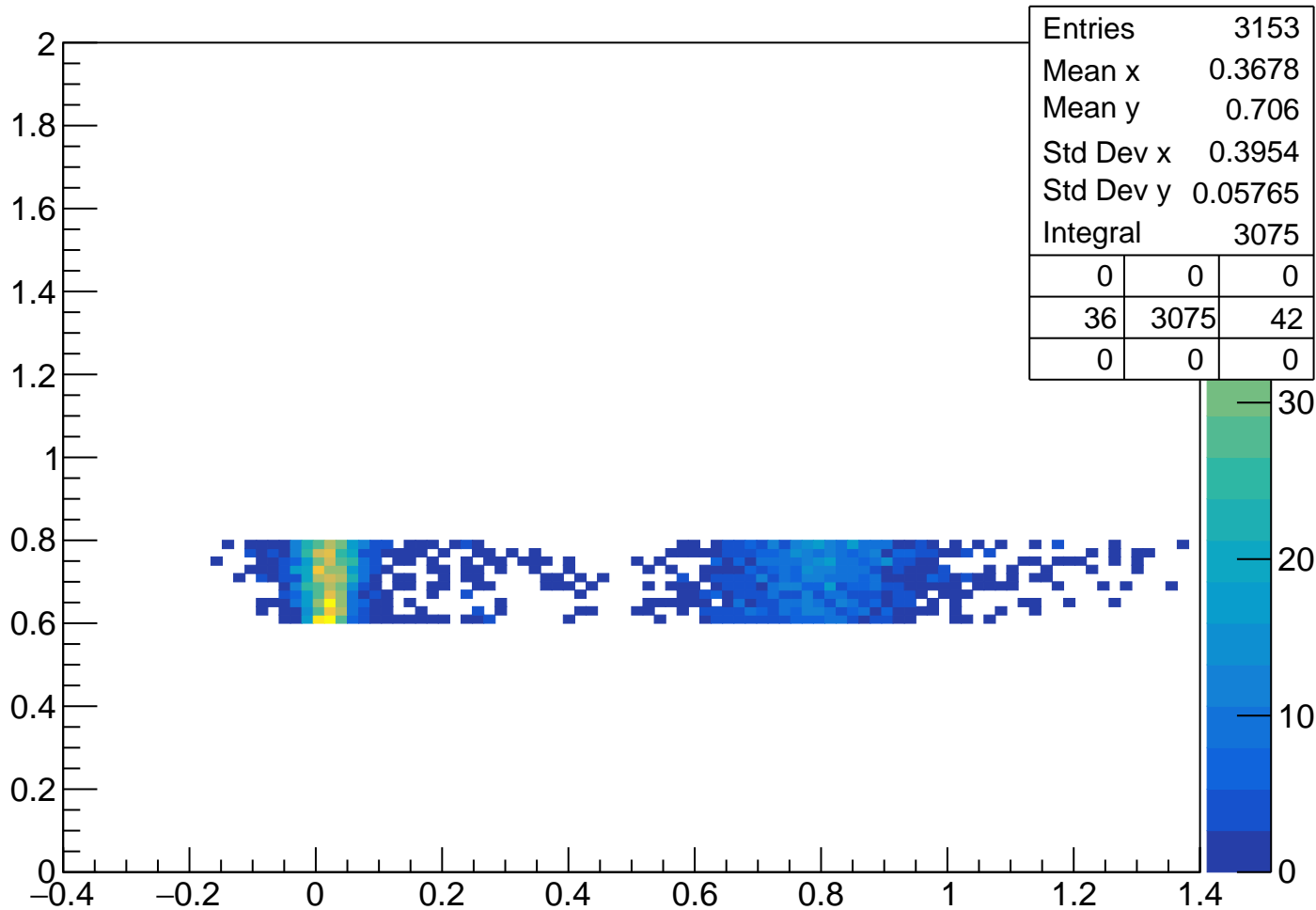
TofSeg[0] vs vpseg[1] Cut3 0.4<pKurama[0]<0.6



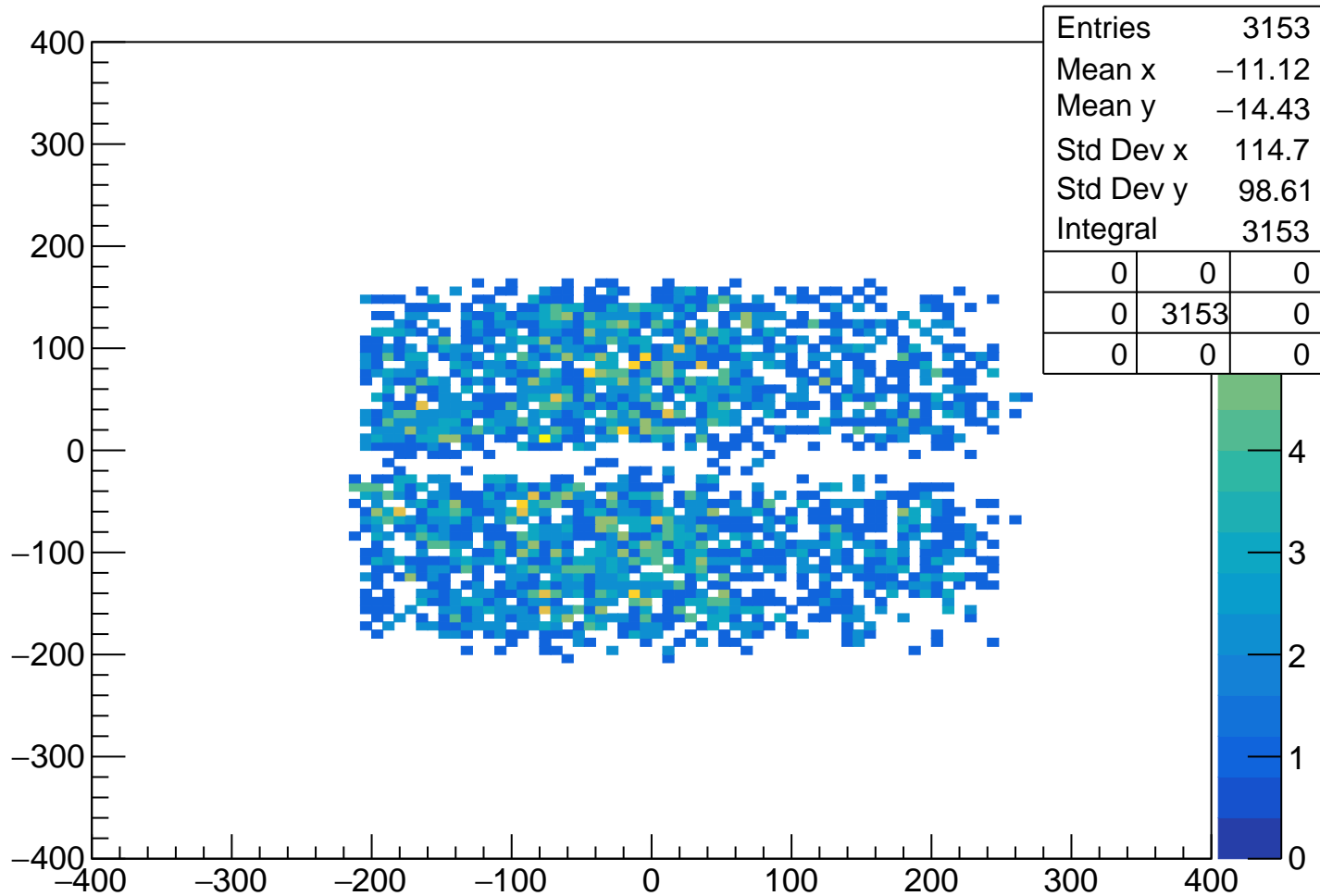
tofsegKurama[0] vs vpseg[1] Cut3 $0.4 < p_{\text{Kurama}[0]} < 0.6$



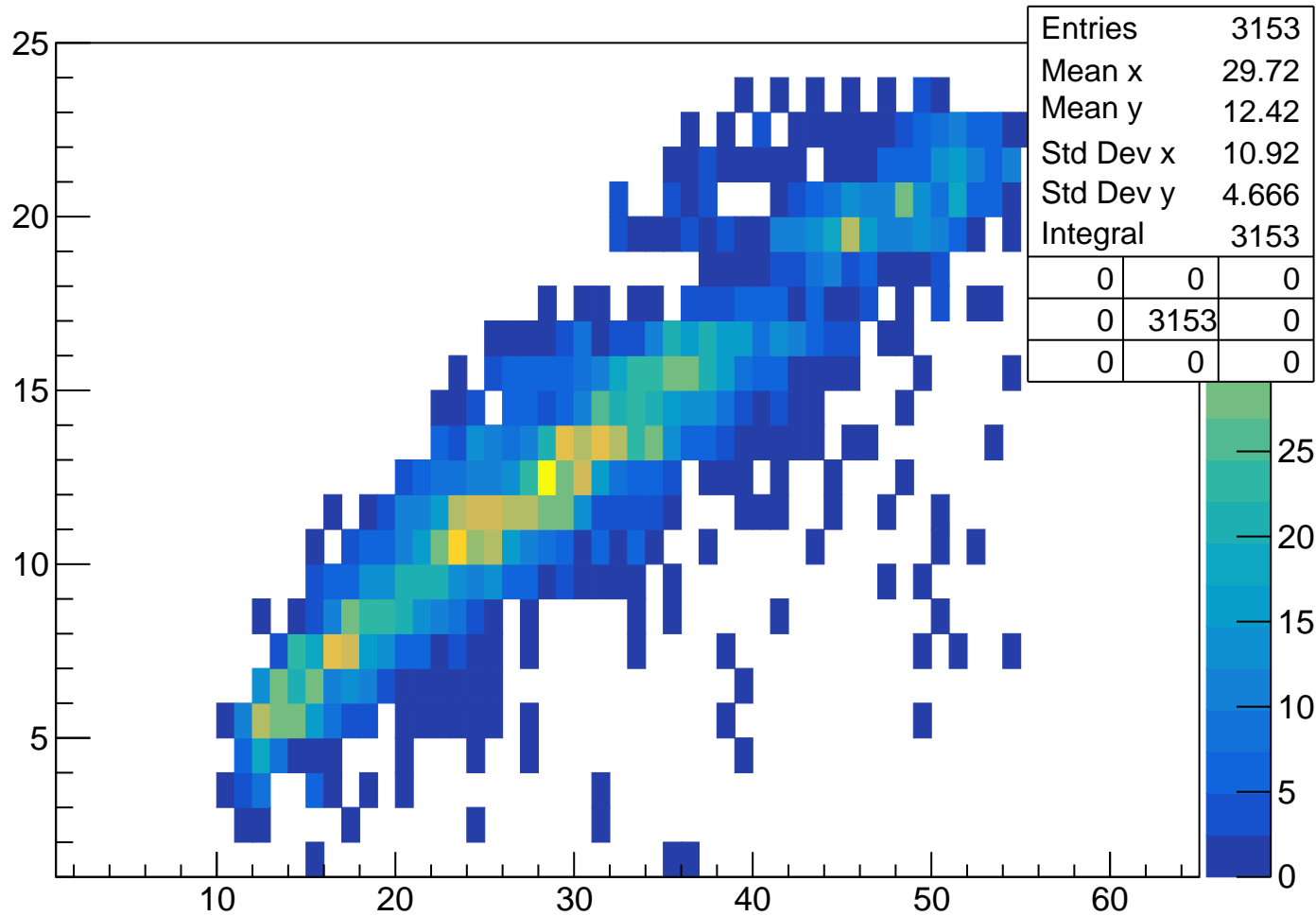
pKurama vs m2 Cut3 0.6<pKurama[0]<0.8



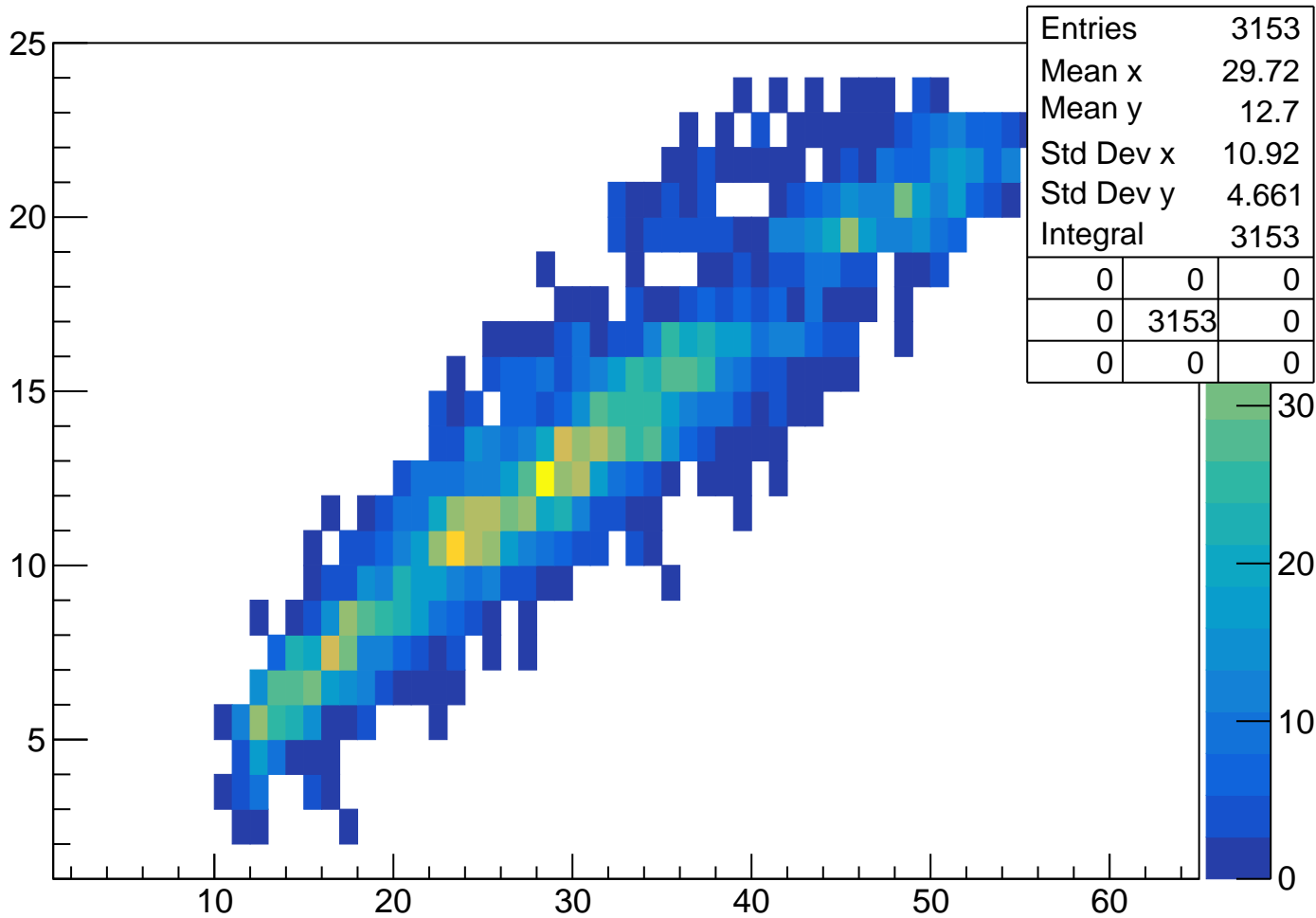
vpy[1] vs vpx[1] Cut3 0.6<pKurama[0]<0.8



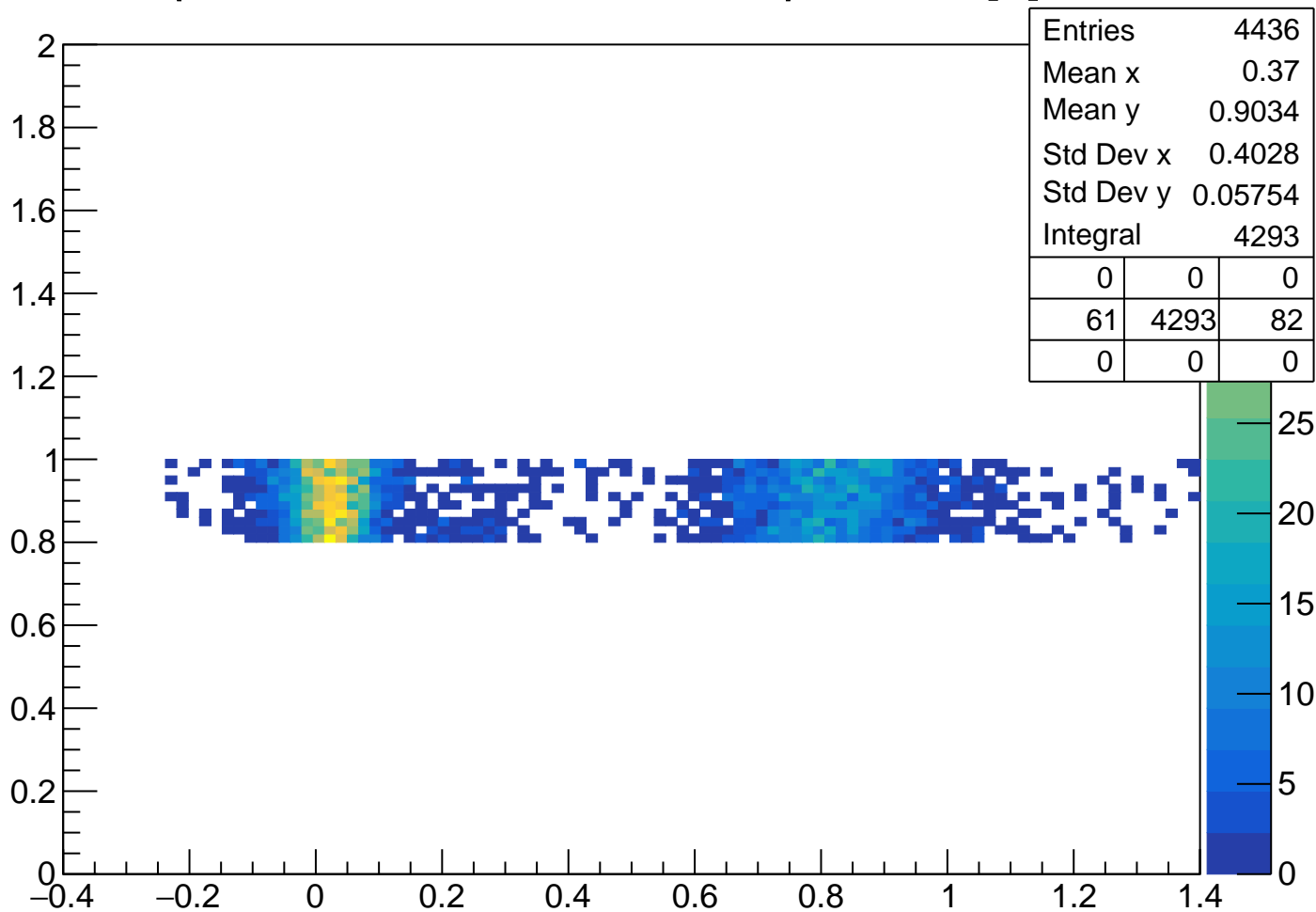
TofSeg[0] vs vpseg[1] Cut3 0.6<pKurama[0]<0.8



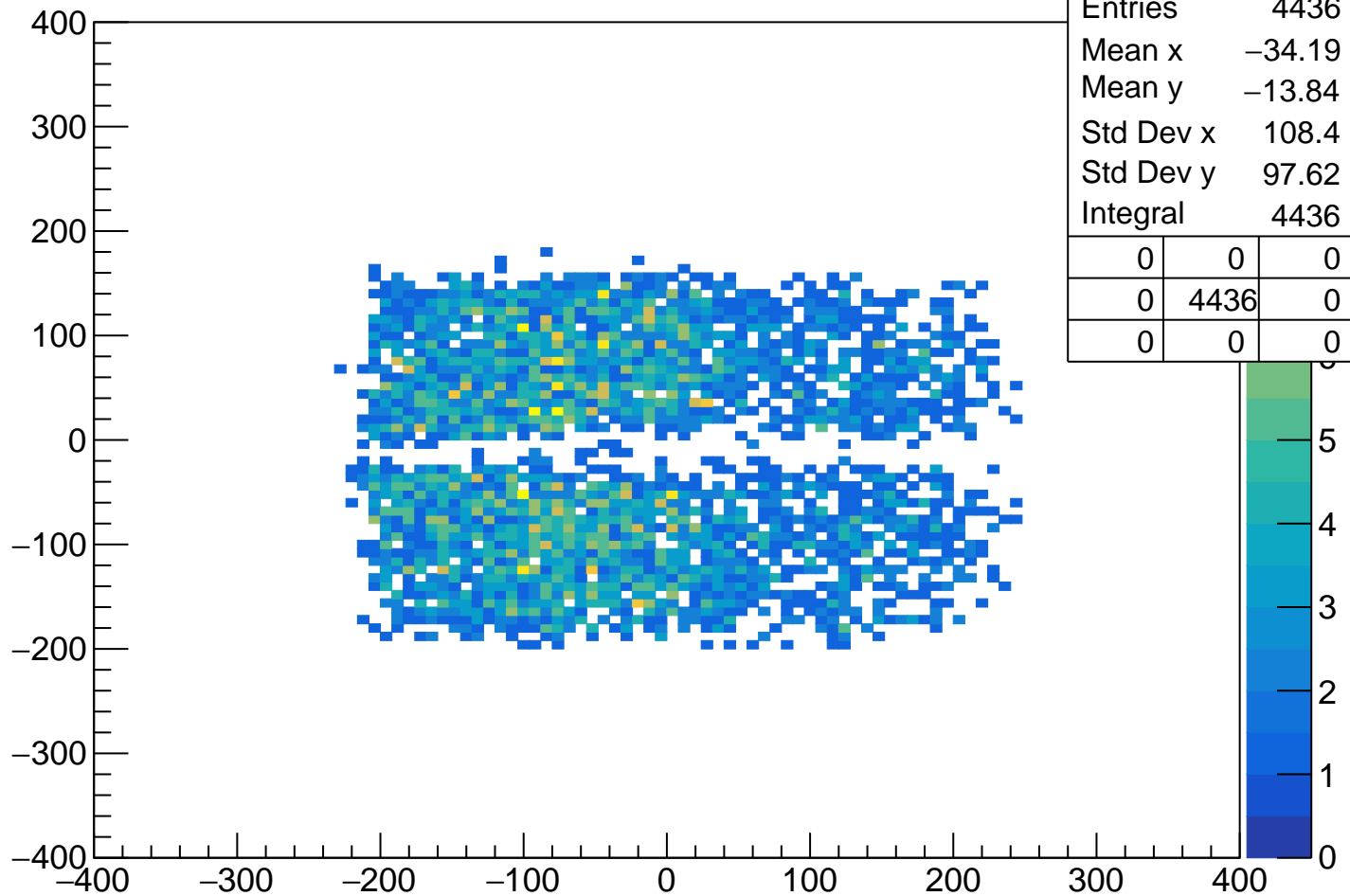
tofsegKurama[0] vs vpseg[1] Cut3 0.6<pKurama[0]<0.8



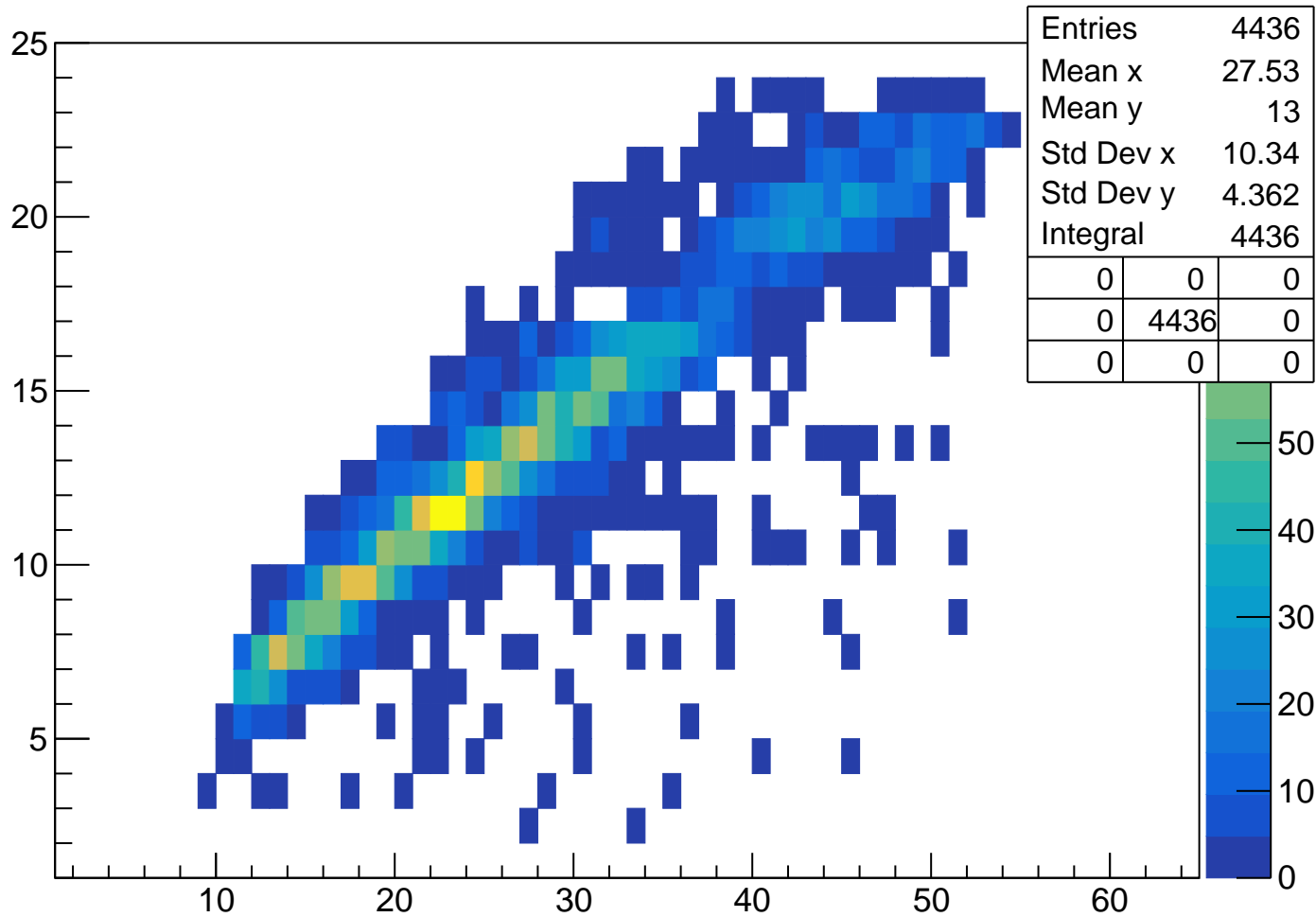
pKurama vs m2 Cut3 $0.8 < \text{pKurama}[0] < 1$



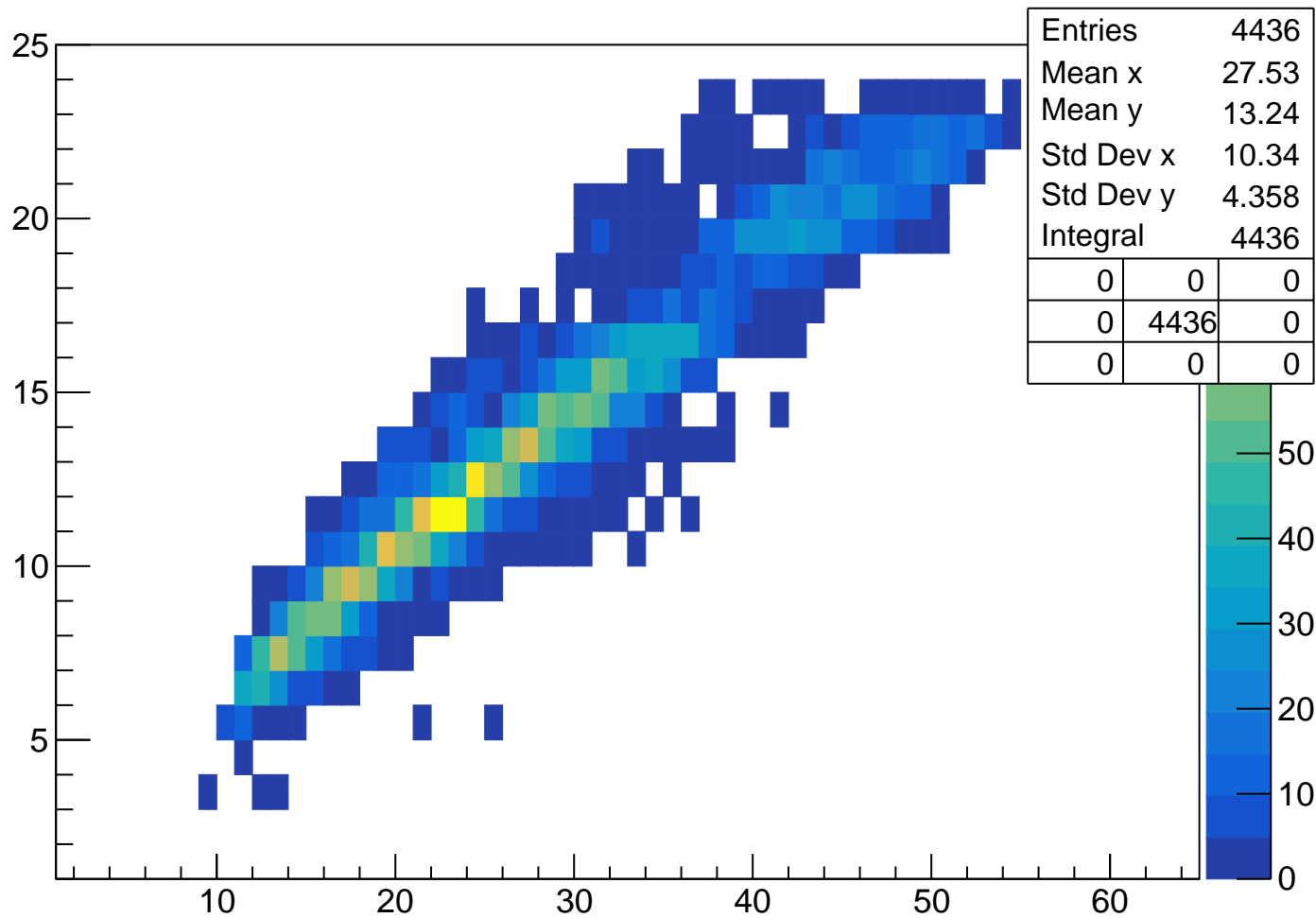
vpy[1] vs vpx[1] Cut3 0.8<pKurama[0]<1



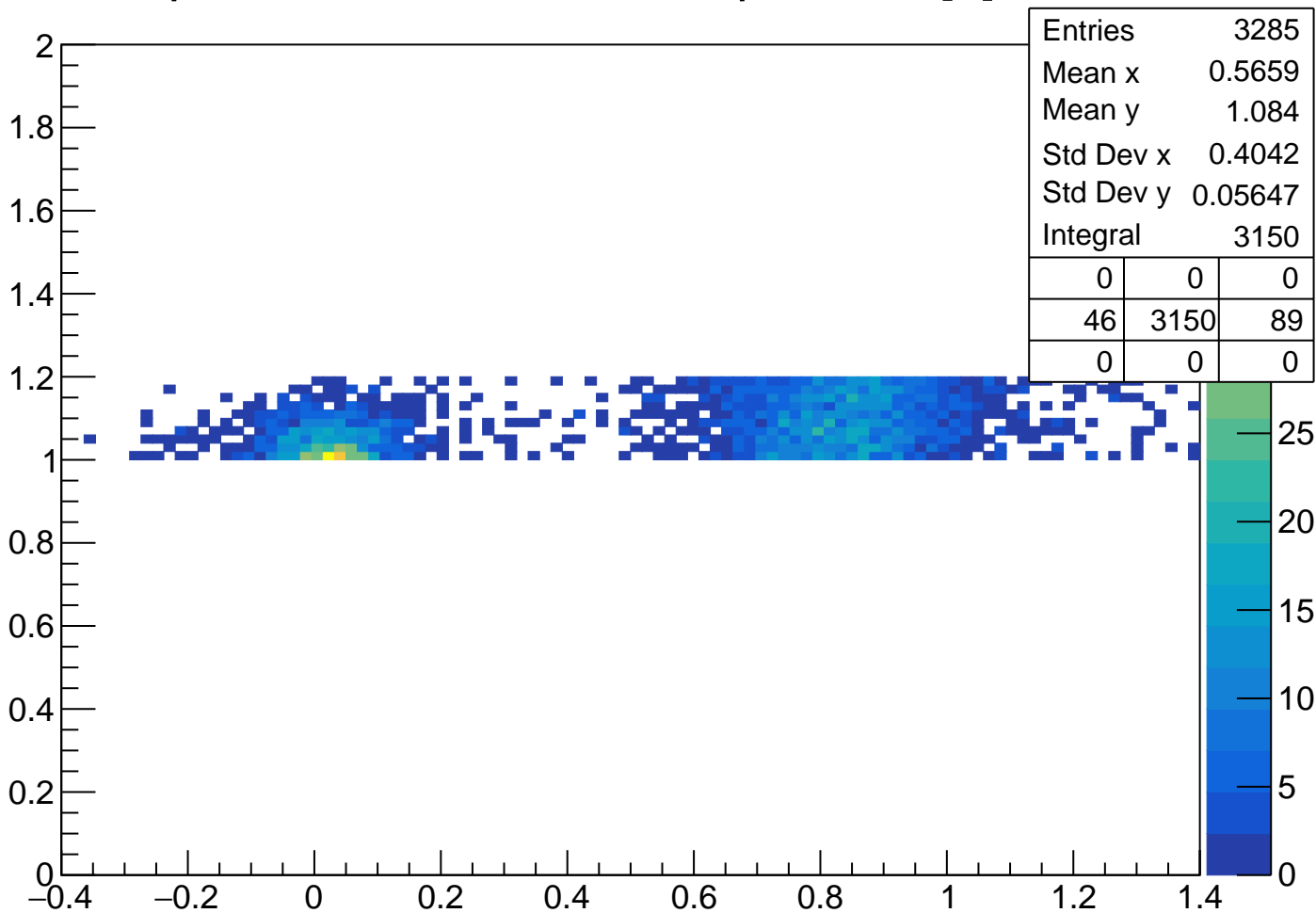
TofSeg[0] vs vpseg[1] Cut3 0.8<pKurama[0]<1



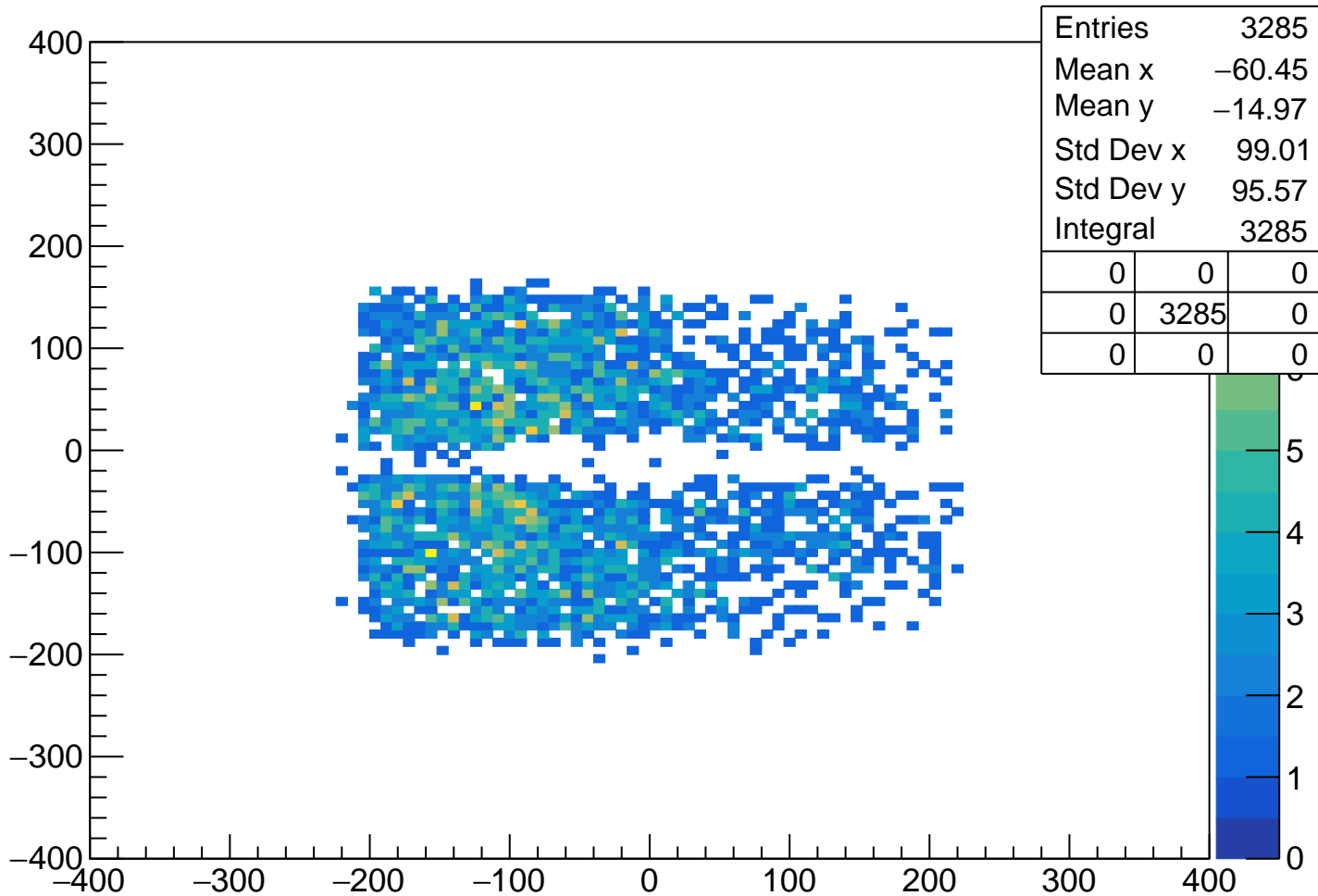
tofsegKurama[0] vs vpseg[1] Cut3 0.8<pKurama[0]<1



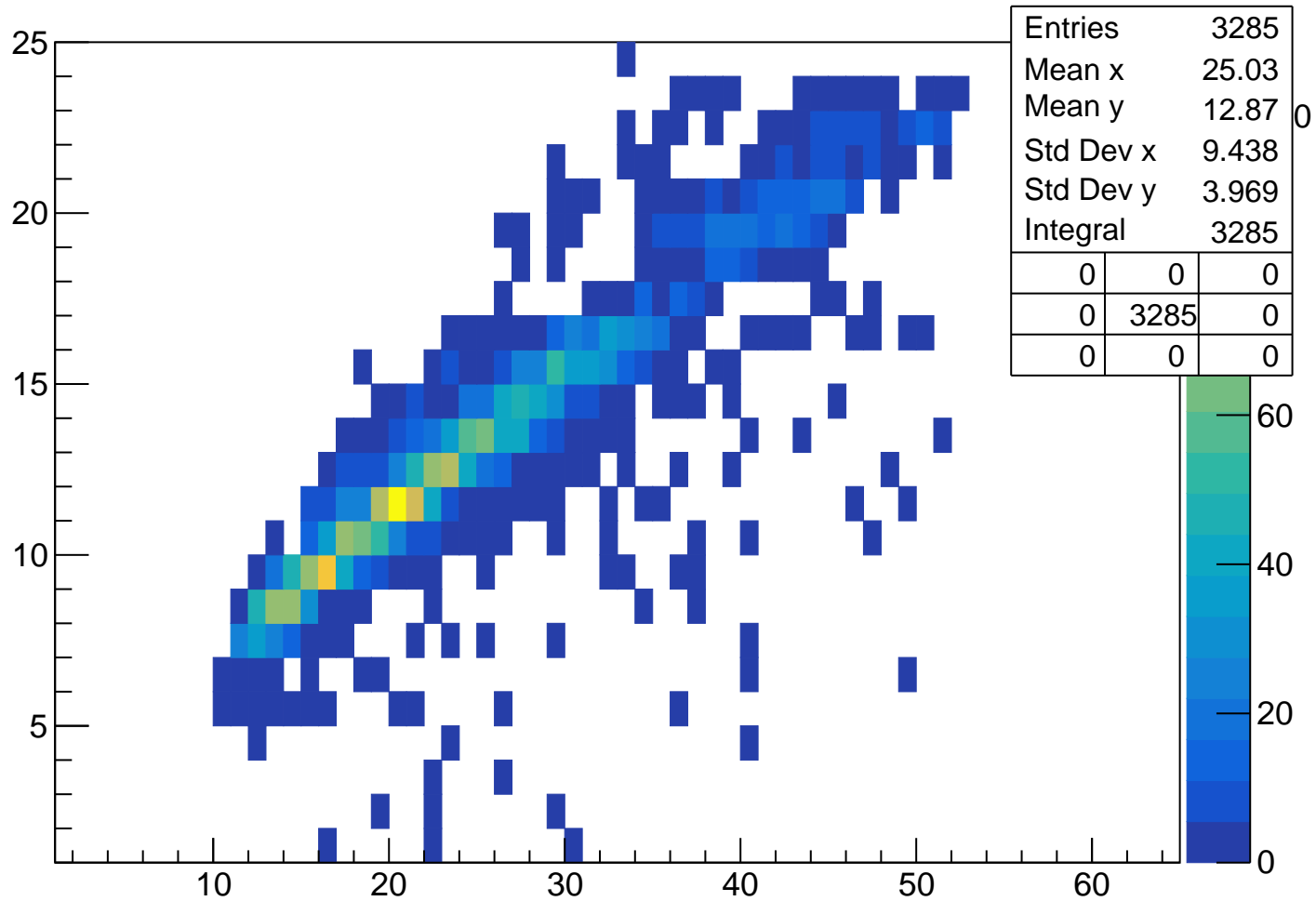
pKurama vs m2 Cut3 $1 < \text{pKurama}[0] < 1.2$



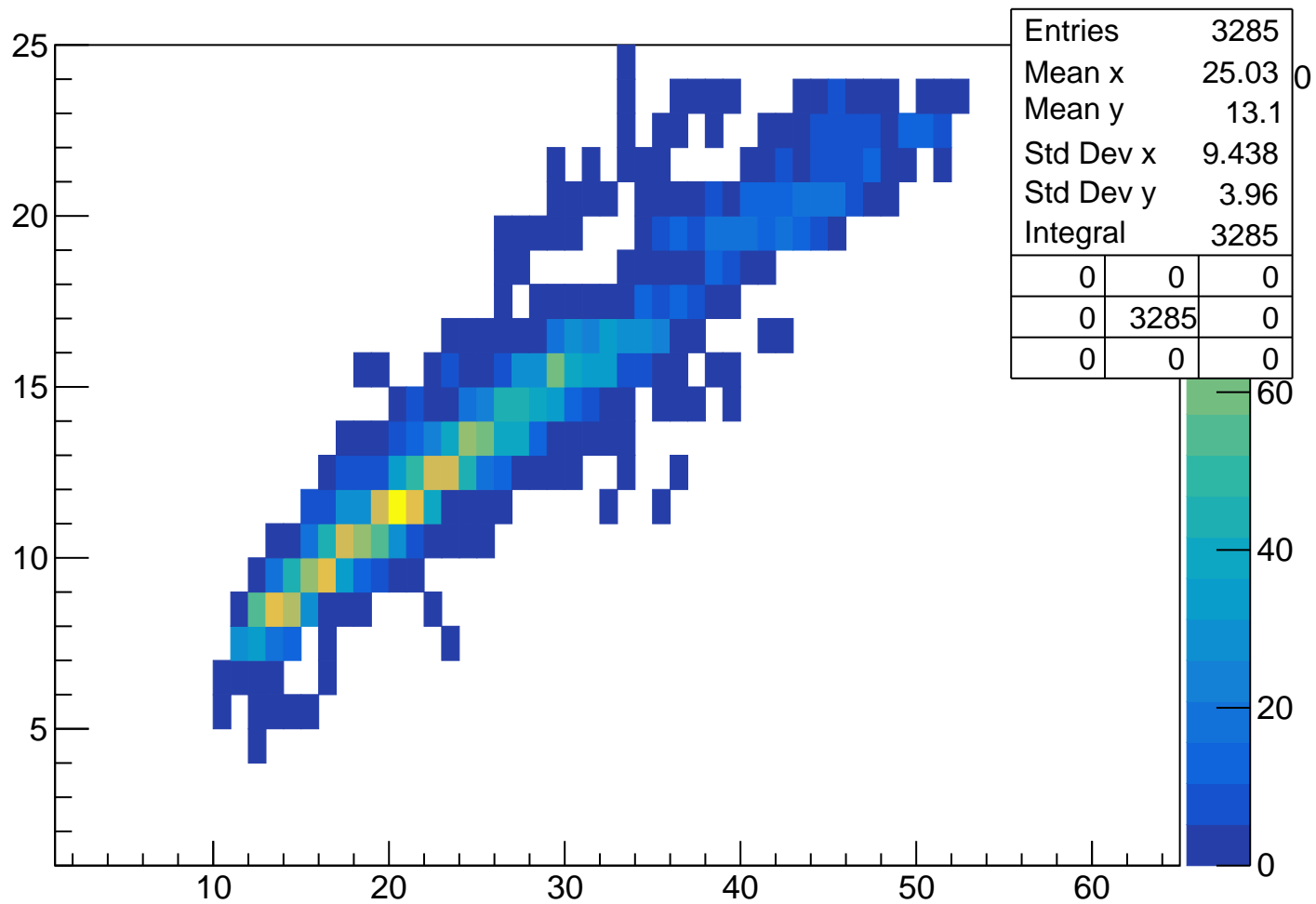
vpy[1] vs vpx[1] Cut3 1<pKurama[0]<1.2



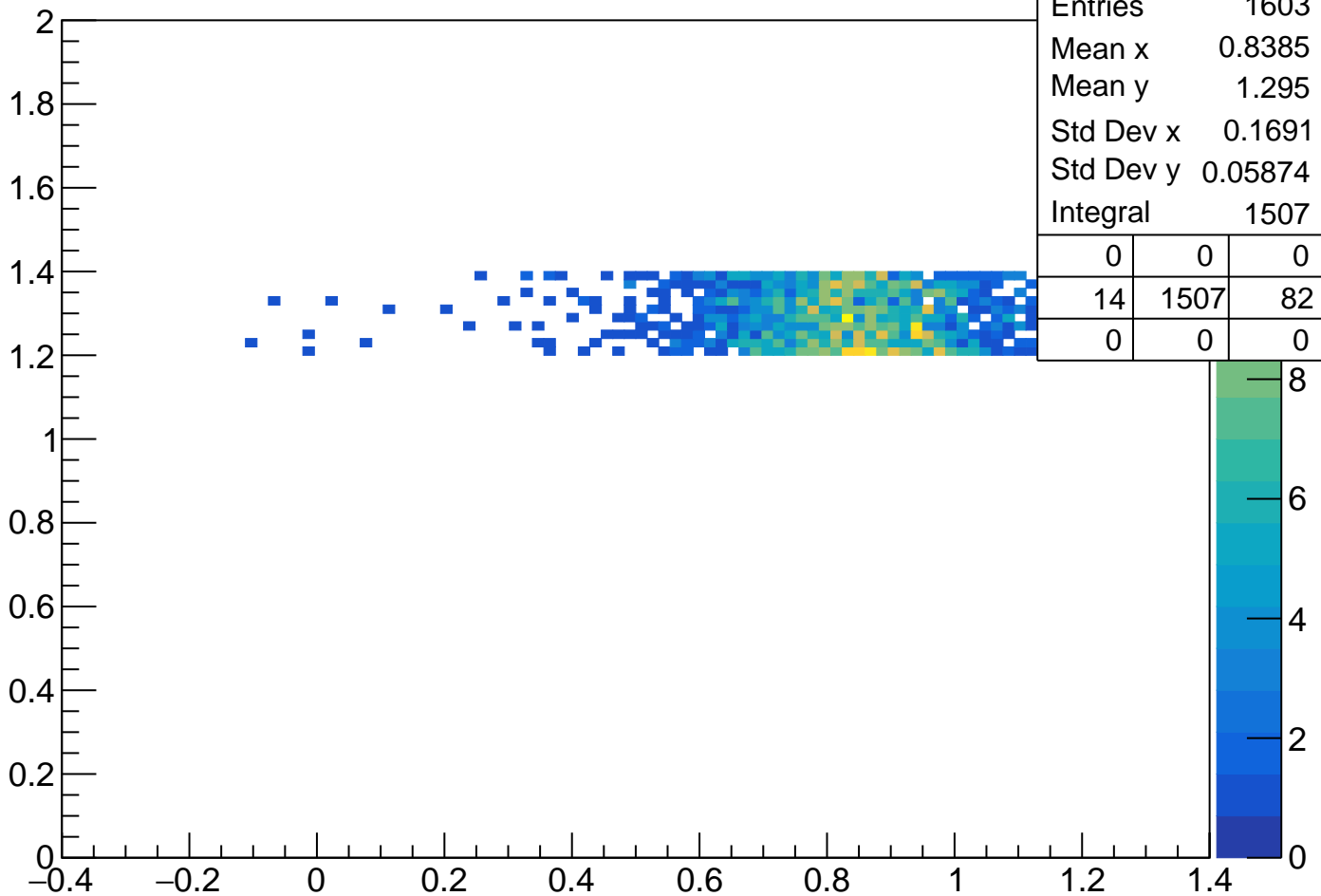
TofSeg[0] vs vpseg[1] Cut3 1<pKurama[0]<1.2



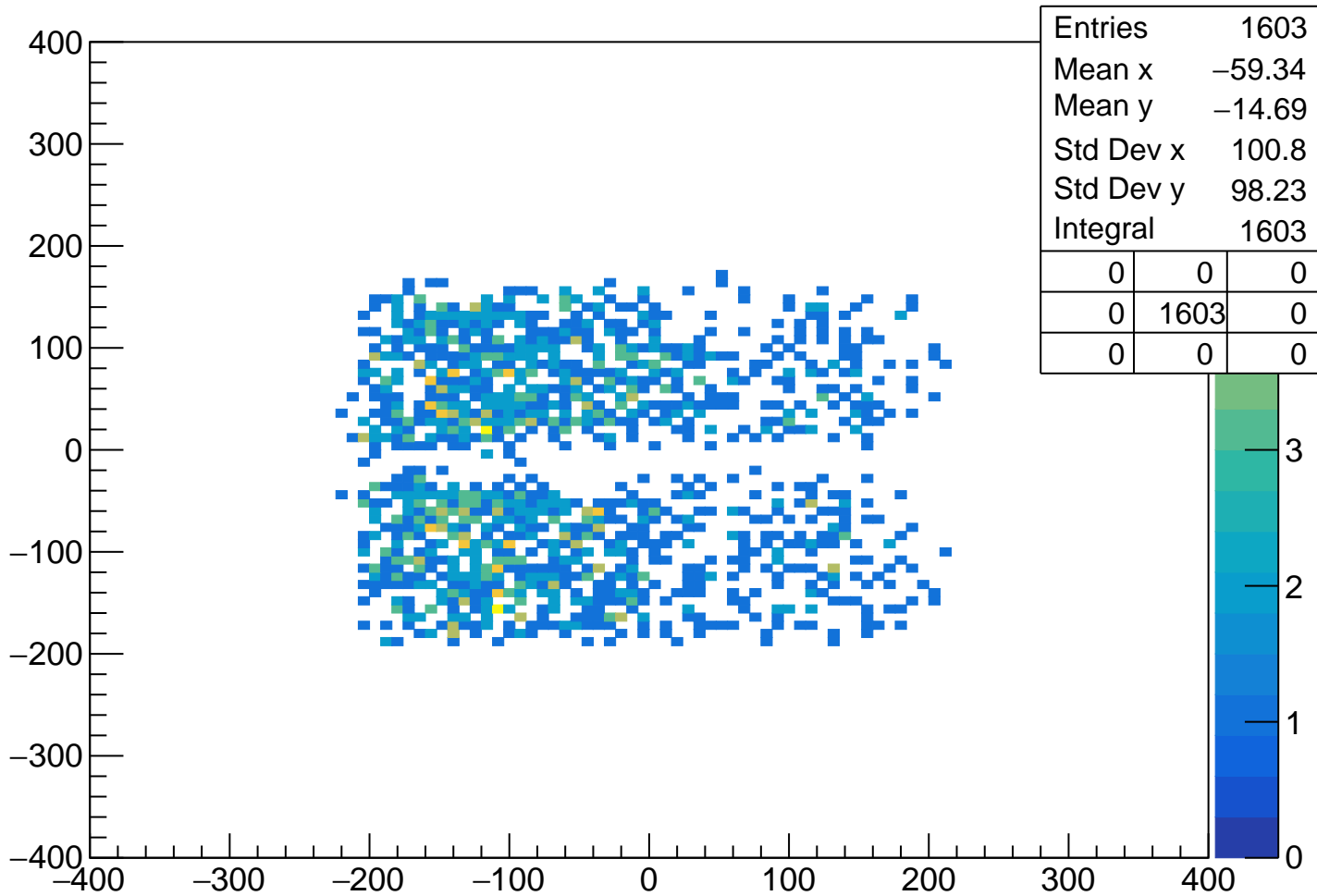
tofsegKurama[0] vs vpseg[1] Cut3 1<pKurama[0]<1.2



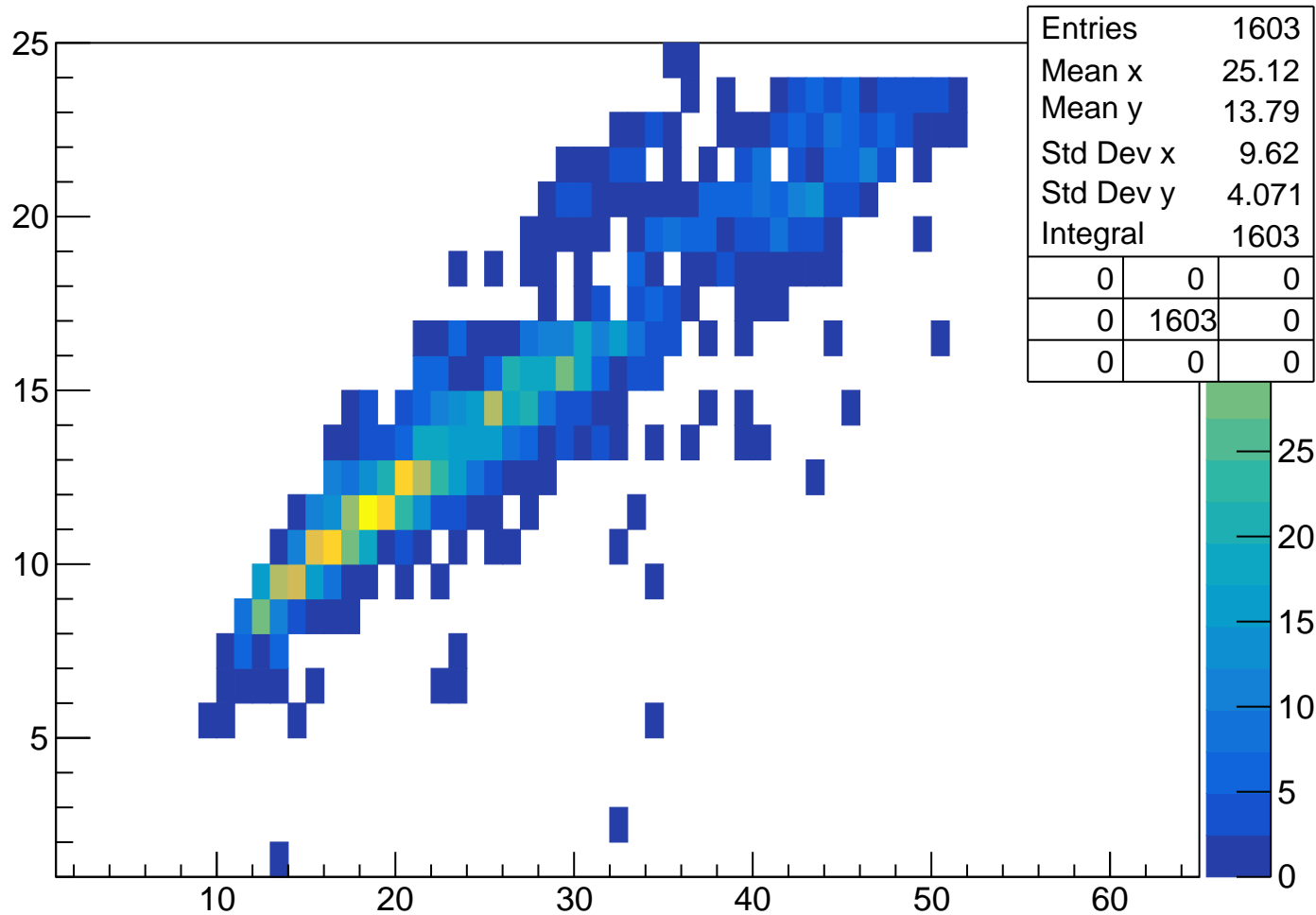
pKurama vs m2 Cut3 $1.2 < \text{pKurama}[0] < 1.4$



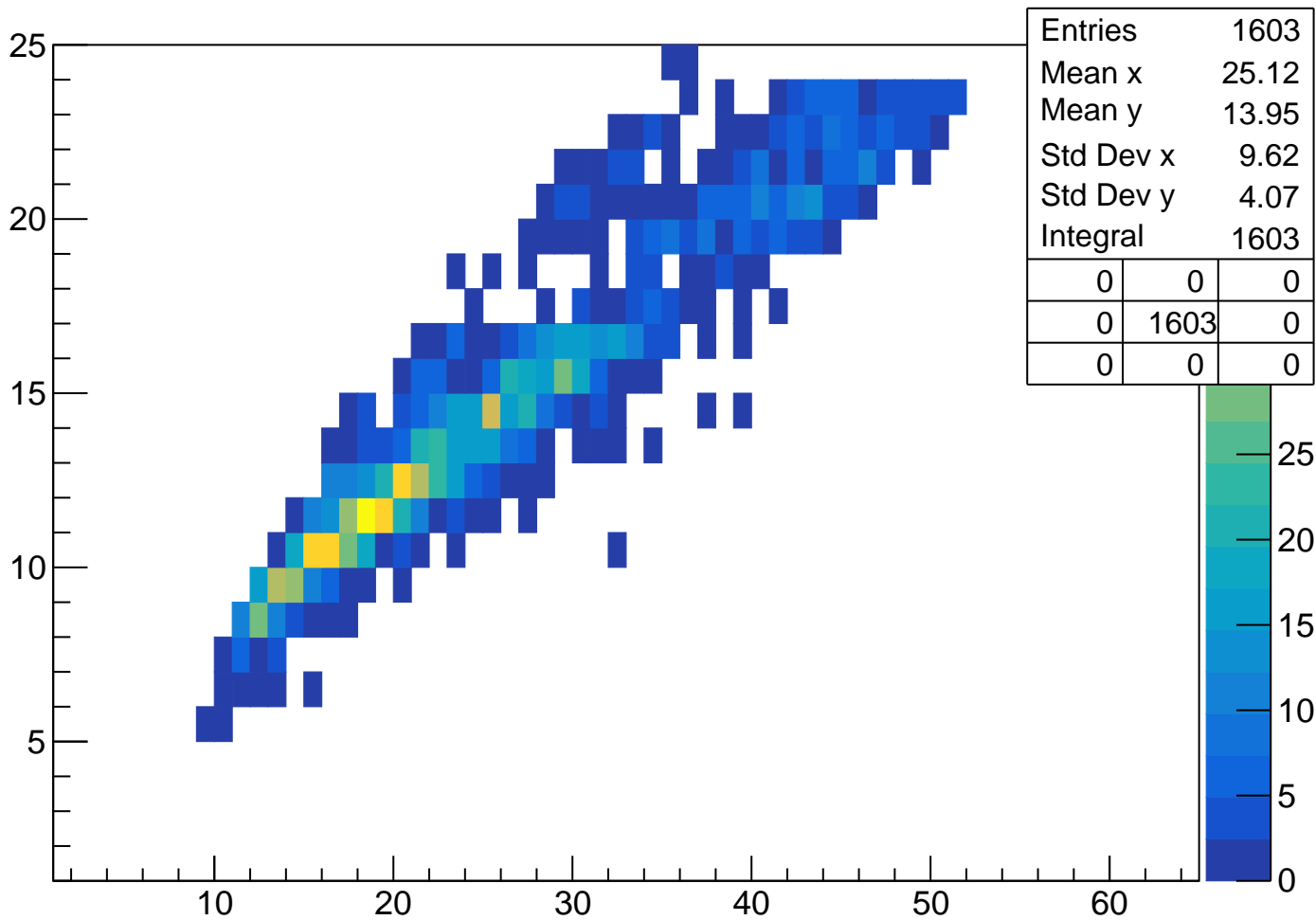
vpy[1] vs vpx[1] Cut3 1.2<pKurama[0]<1.4



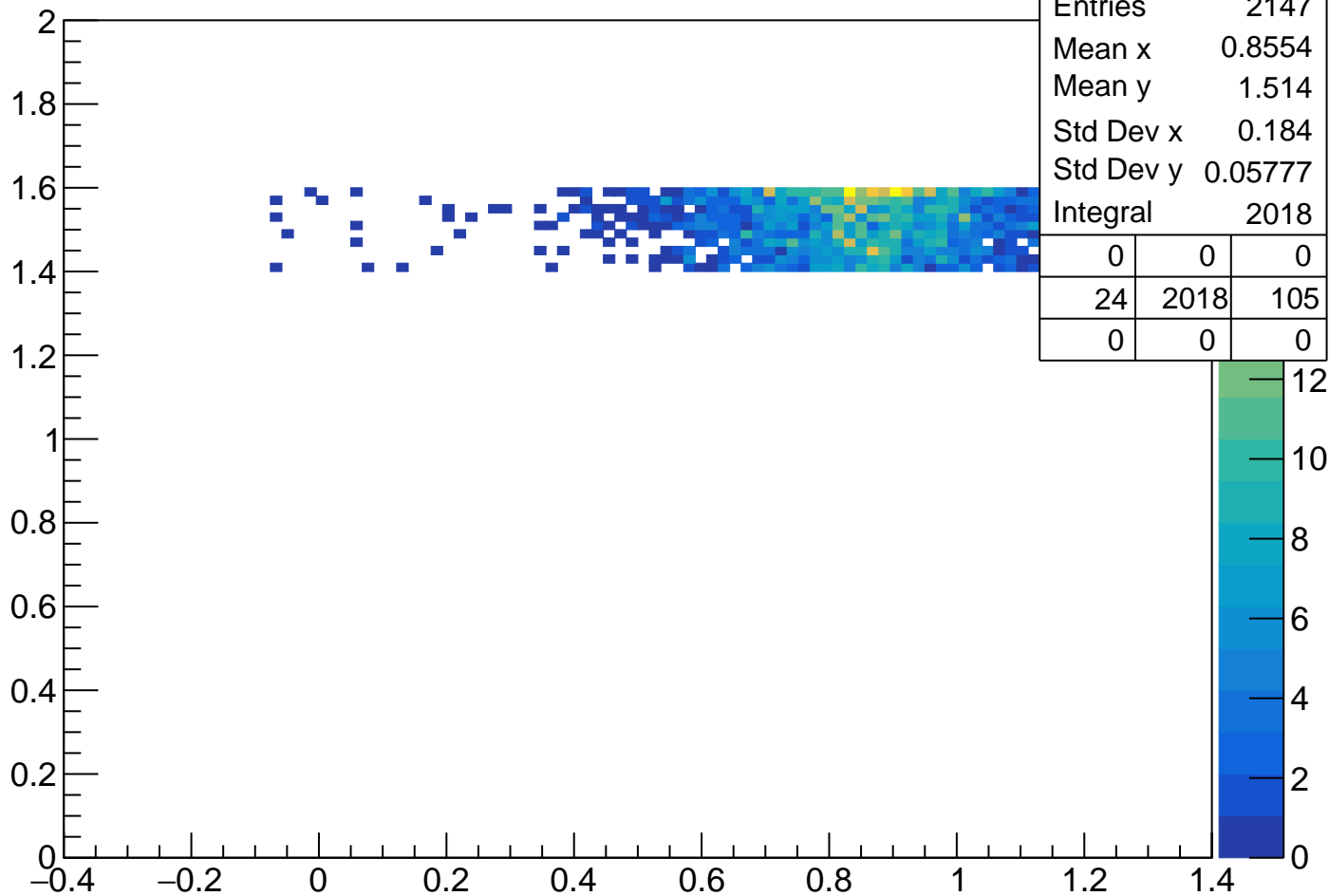
TofSeg[0] vs vpseg[1] Cut3 1.2<pKurama[0]<1.4



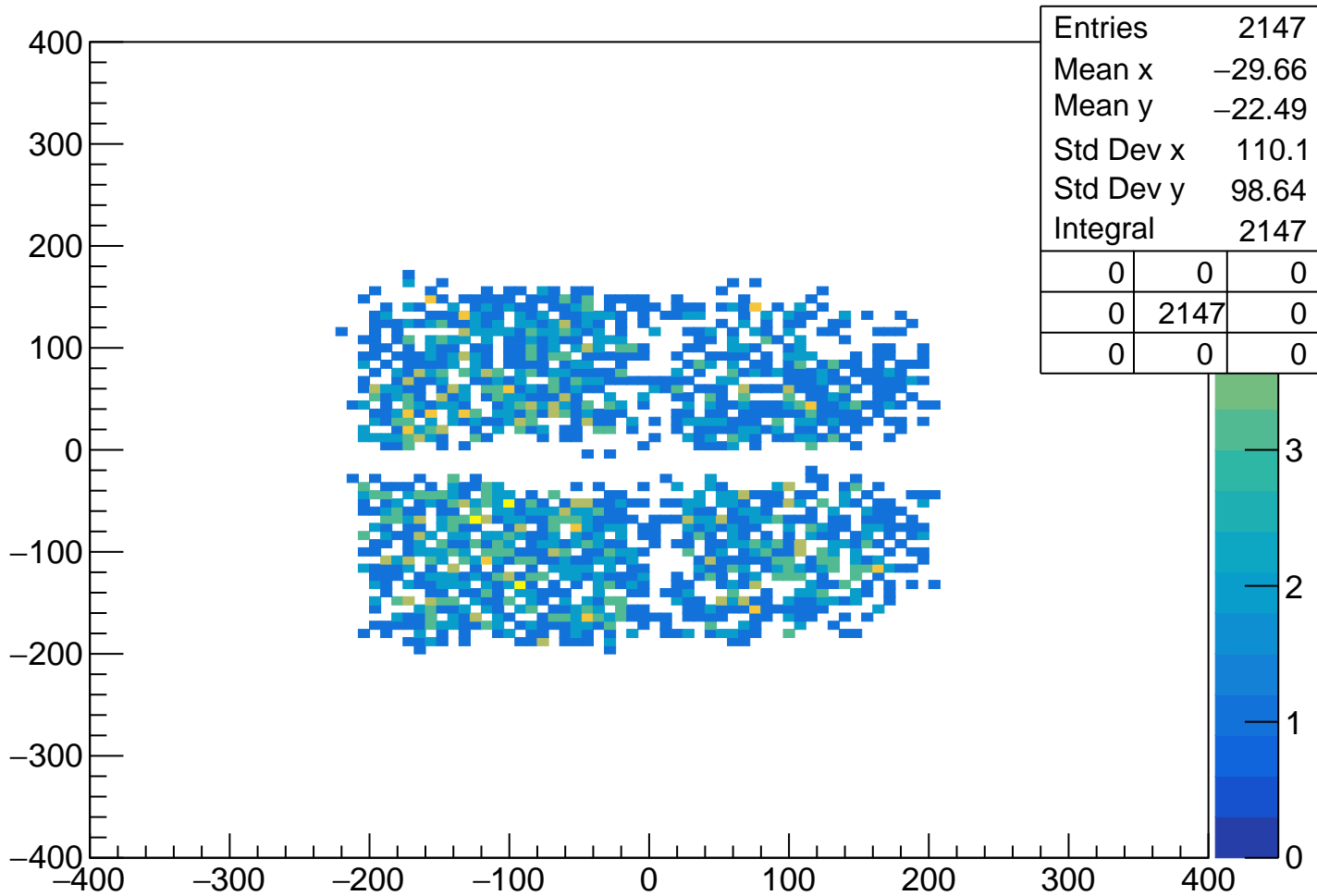
tofsegKurama[0] vs vpseg[1] Cut3 $1.2 < p_{\text{Kurama}[0]} < 1.4$



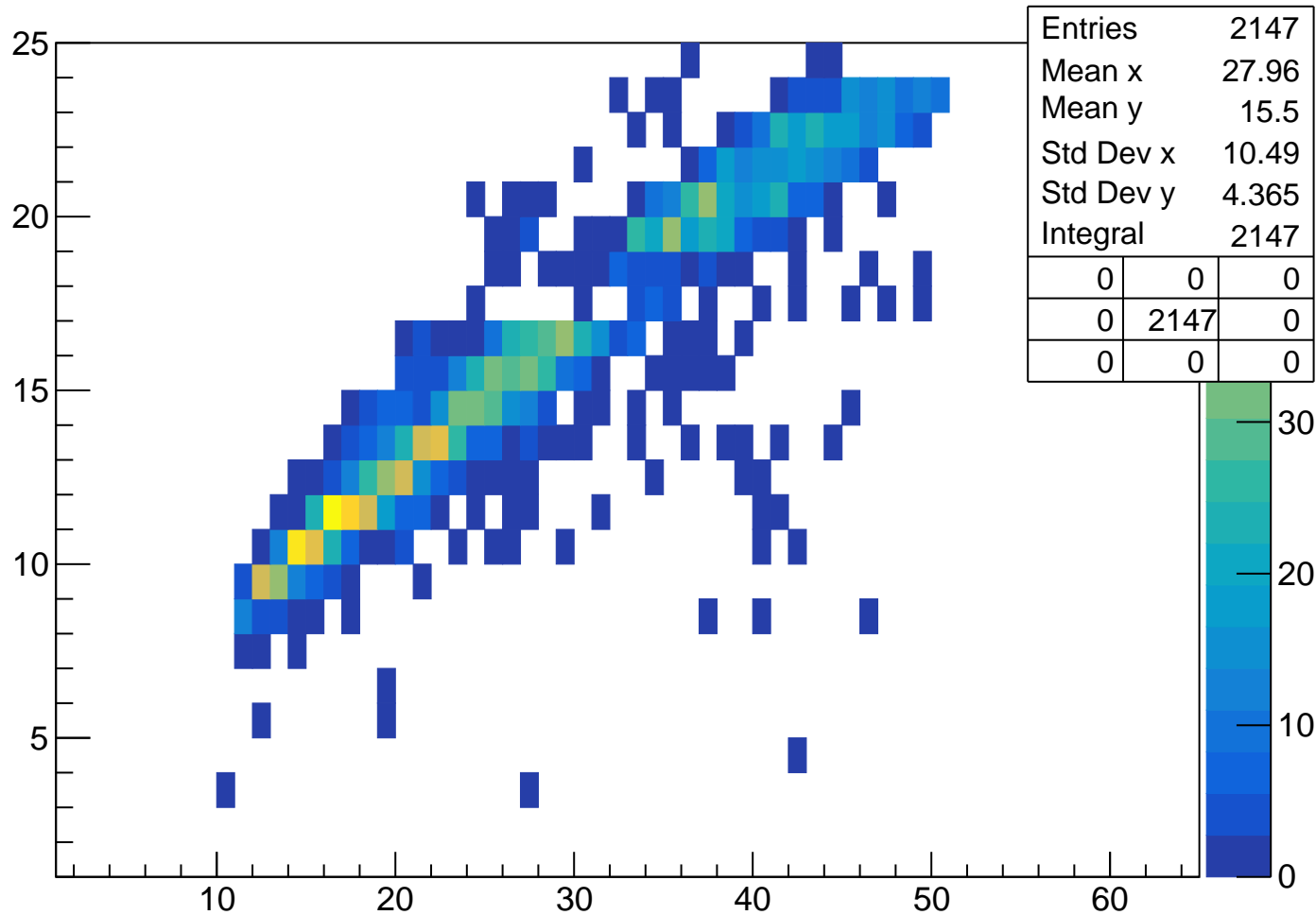
pKurama vs m2 Cut3 $1.4 < p_{Kurama}[0] < 1.6$



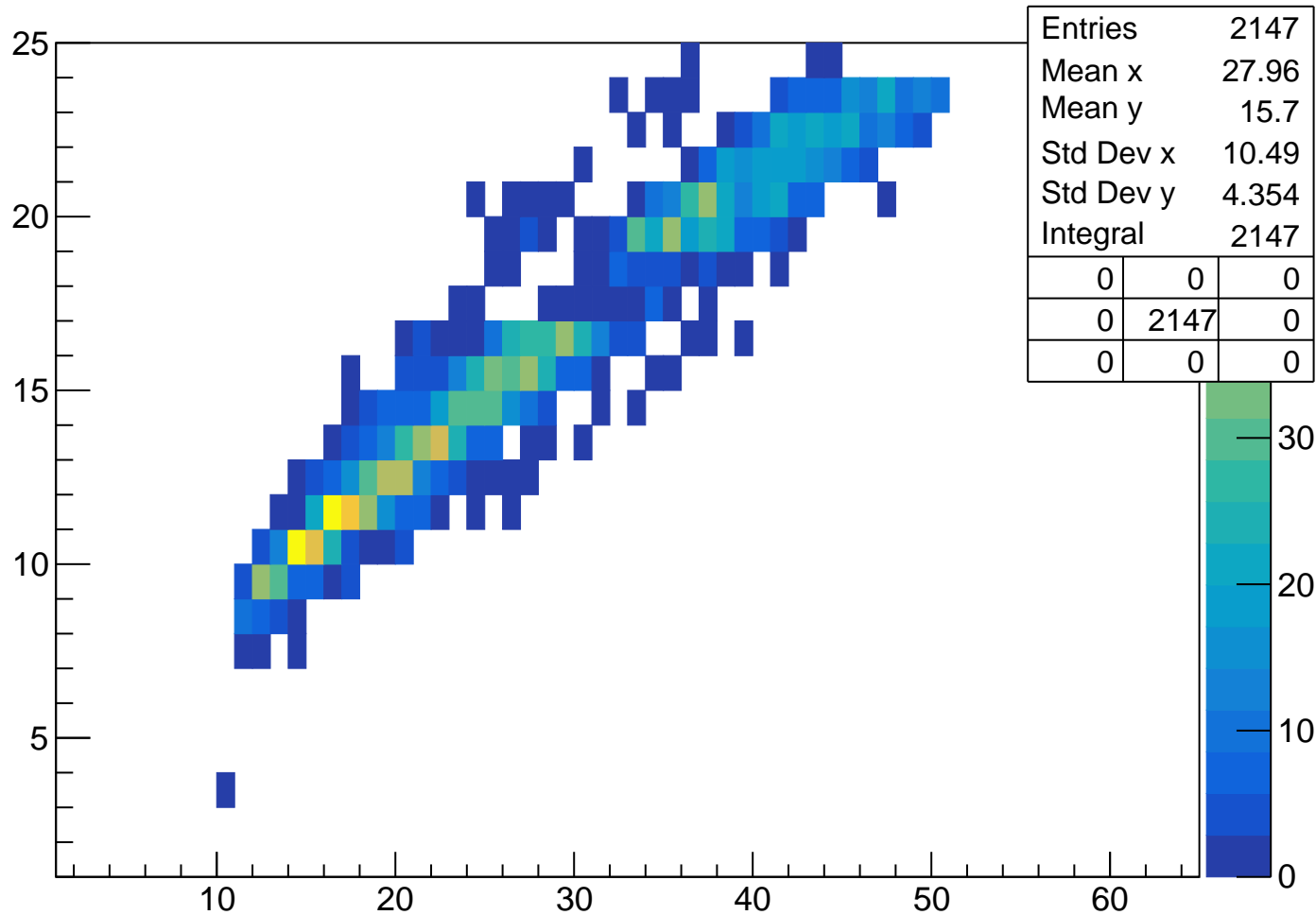
vpy[1] vs vpx[1] Cut3 1.4<pKurama[0]<1.6



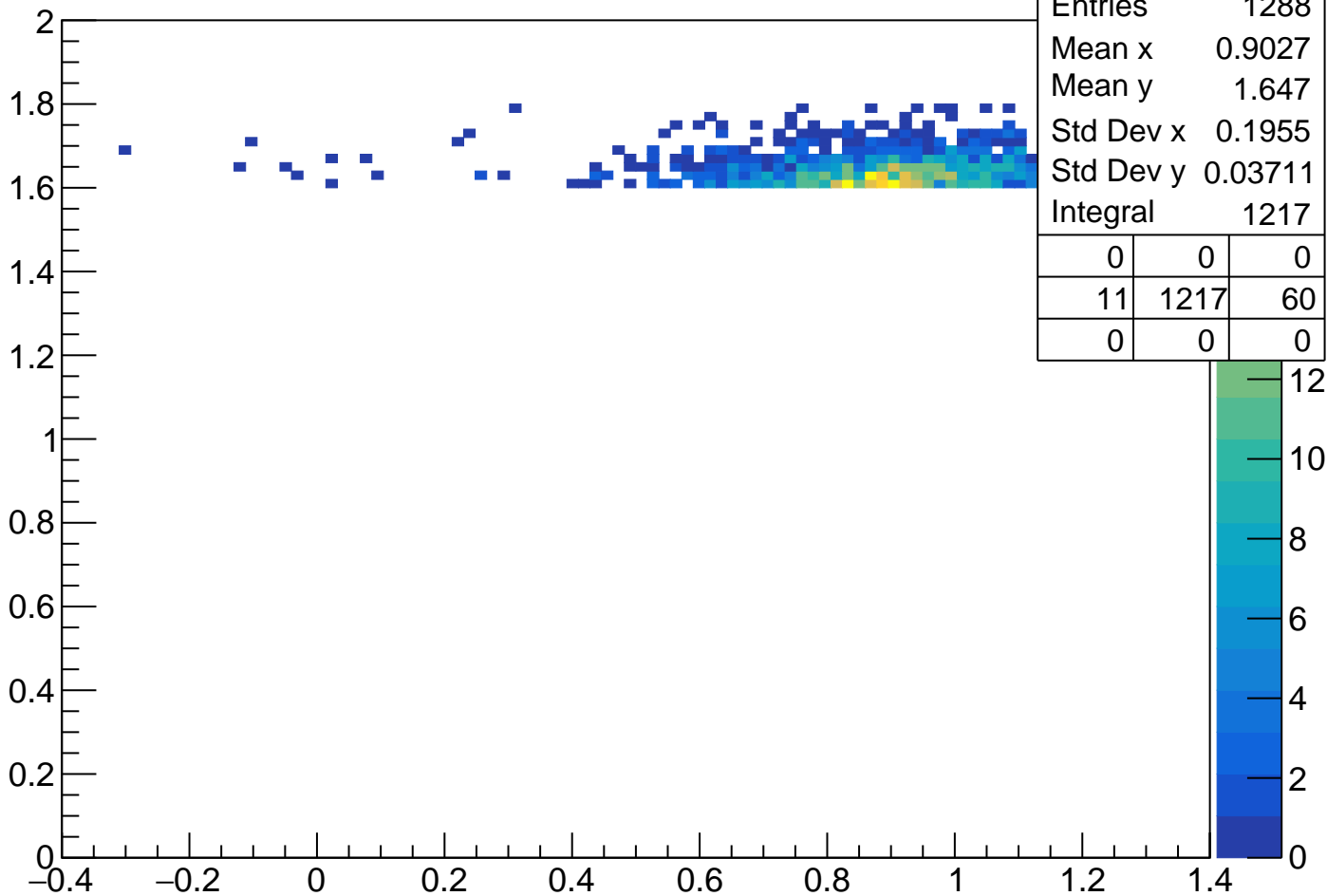
TofSeg[0] vs vpseg[1] Cut3 1.4<pKurama[0]<1.6



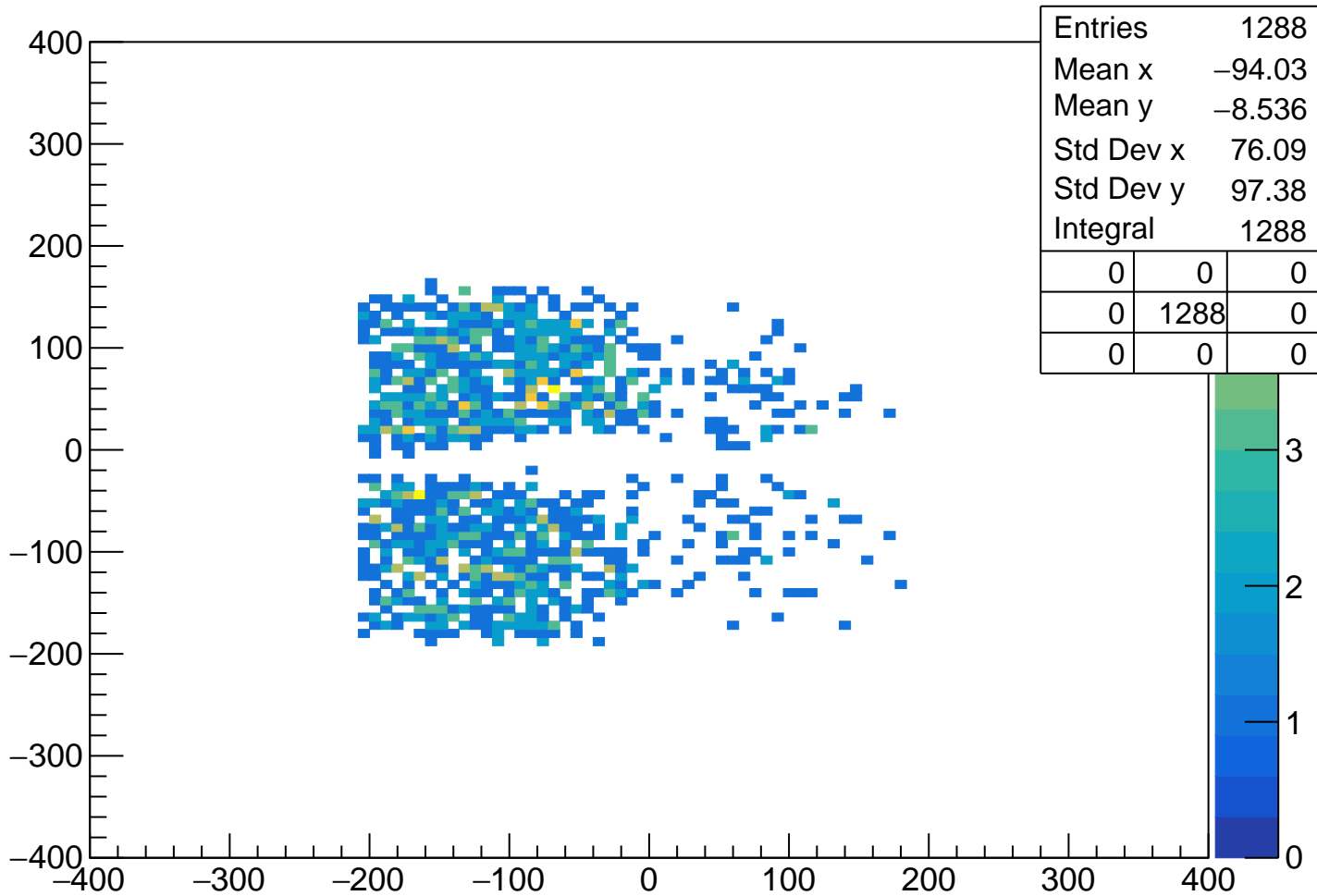
tofsegKurama[0] vs vpseg[1] Cut3 $1.4 < p_{\text{Kurama}[0]} < 1.6$



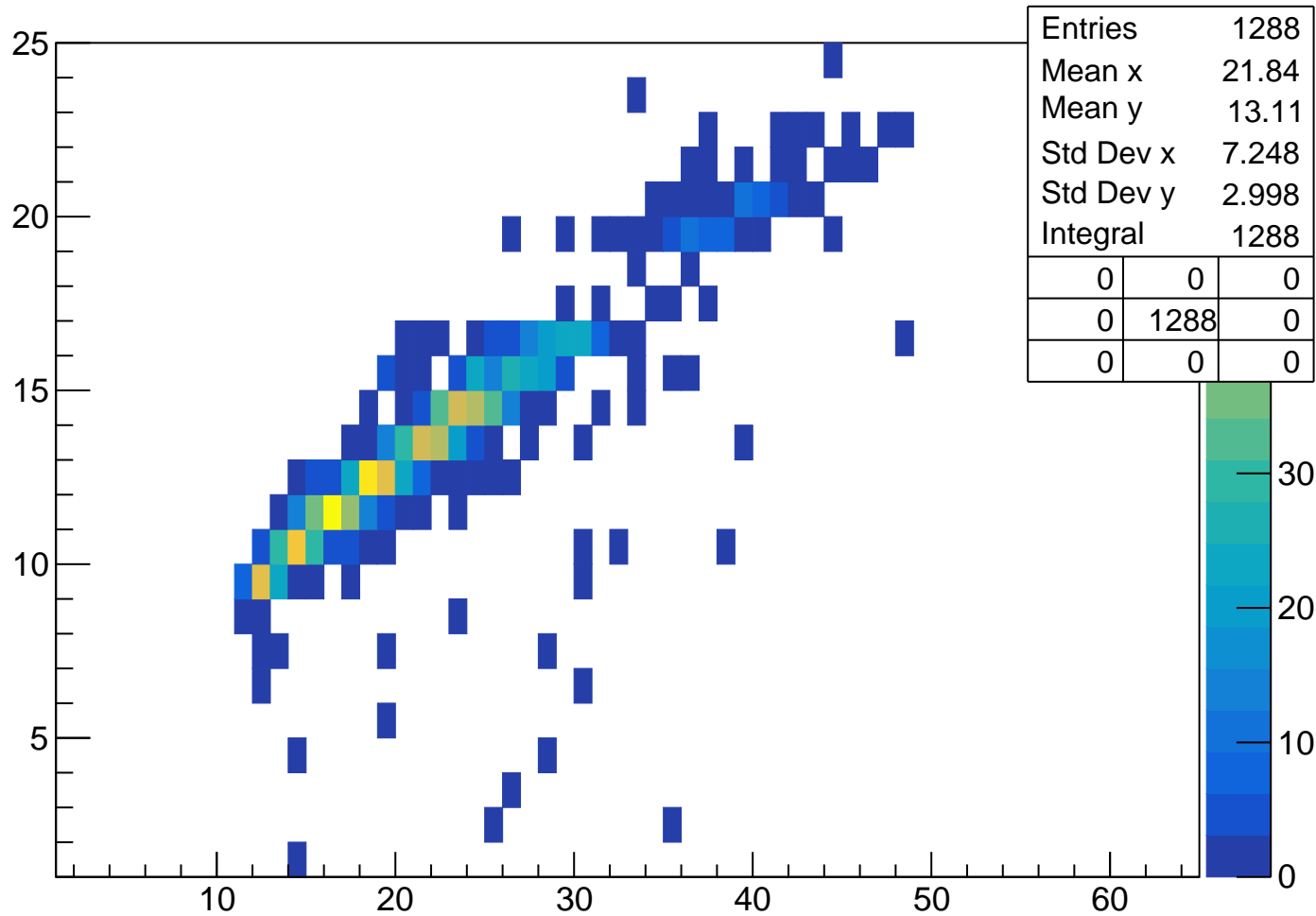
pKurama vs m2 Cut3 1.6<pKurama[0]<1.8



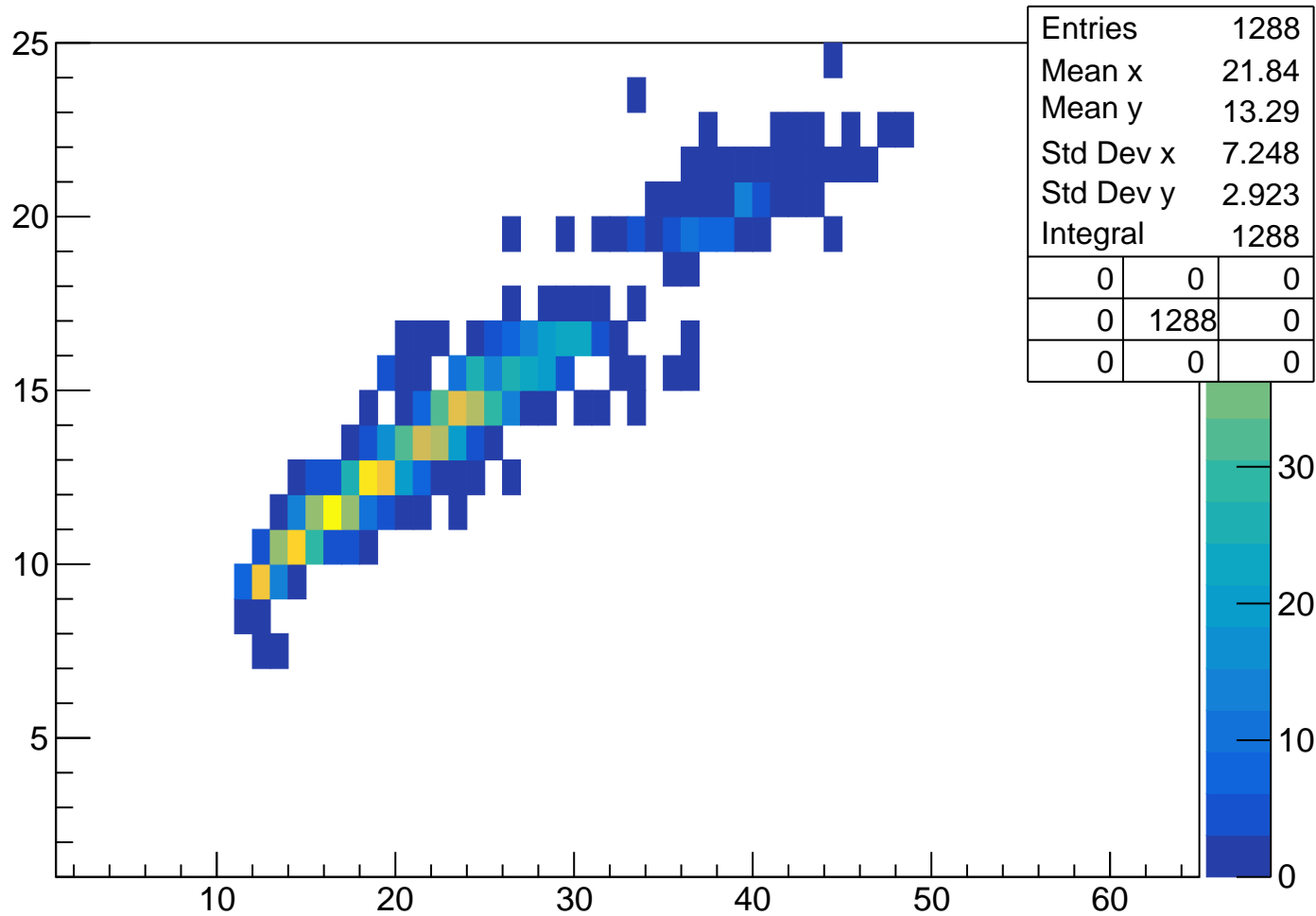
vpy[1] vs vpx[1] Cut3 1.6<pKurama[0]<1.8



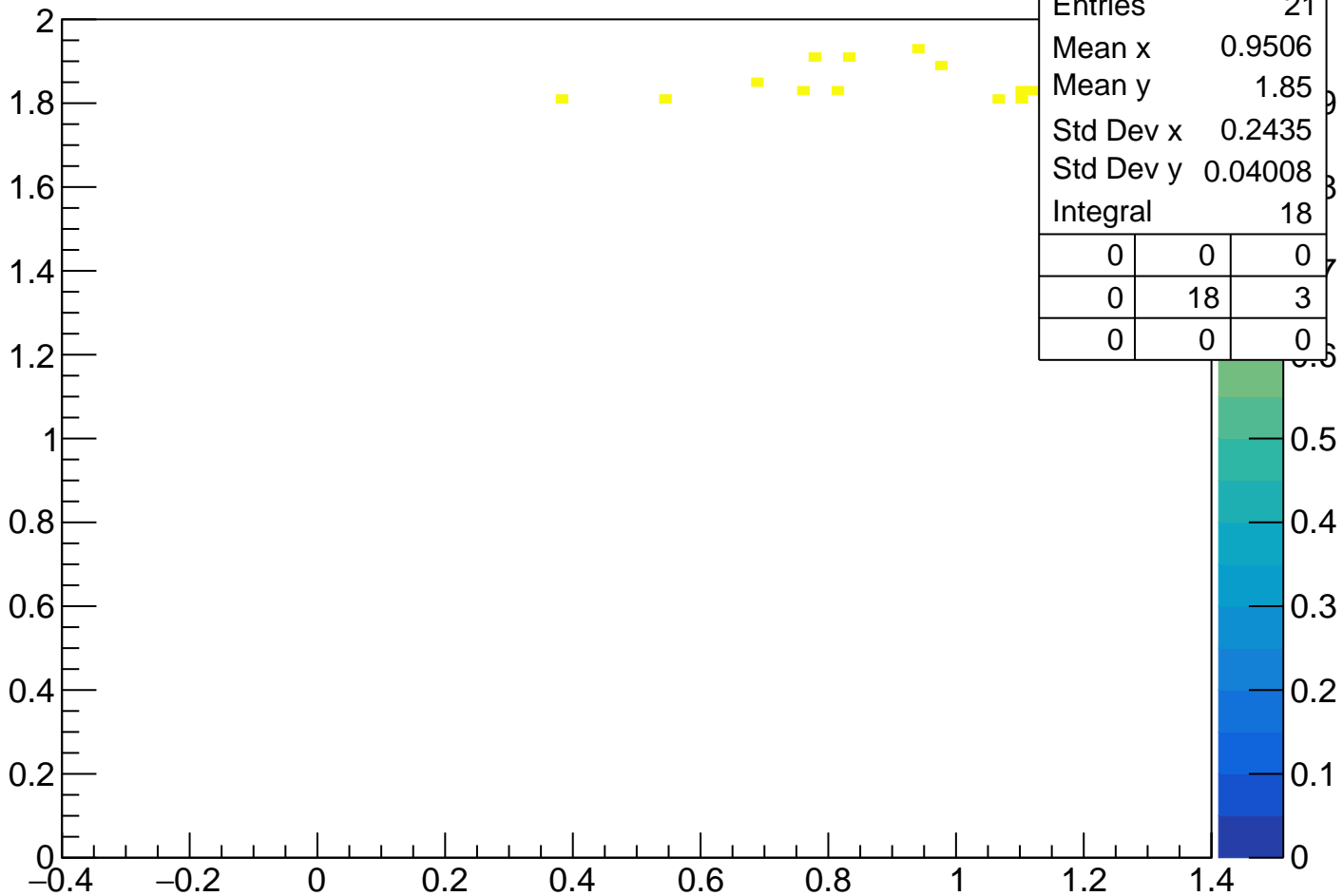
TofSeg[0] vs vpseg[1] Cut3 1.6<pKurama[0]<1.8



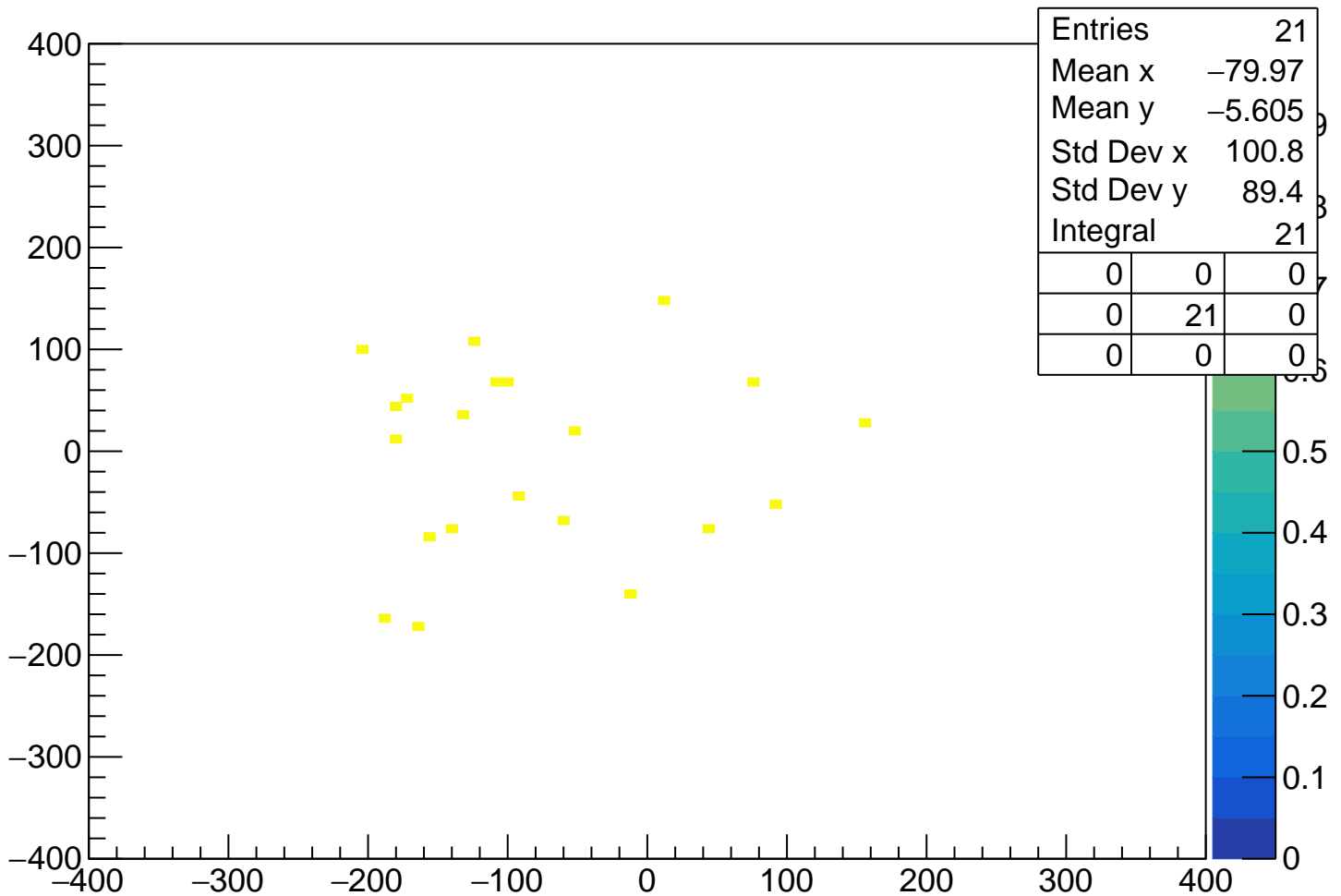
tofsegKurama[0] vs vpseg[1] Cut3 $1.6 < p_{\text{Kurama}[0]} < 1.8$



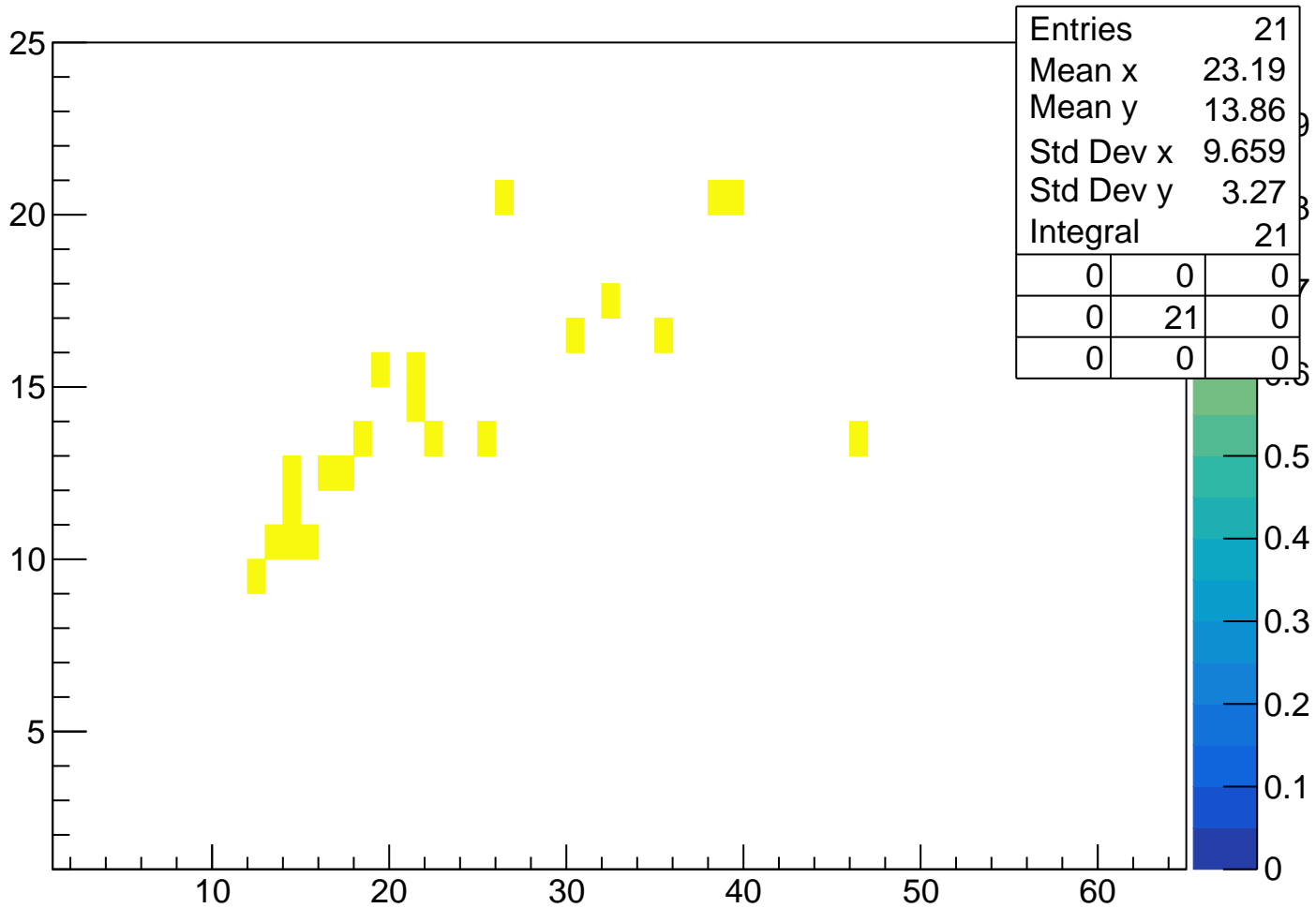
pKurama vs m2 Cut3 1.8<pKurama[0]<2



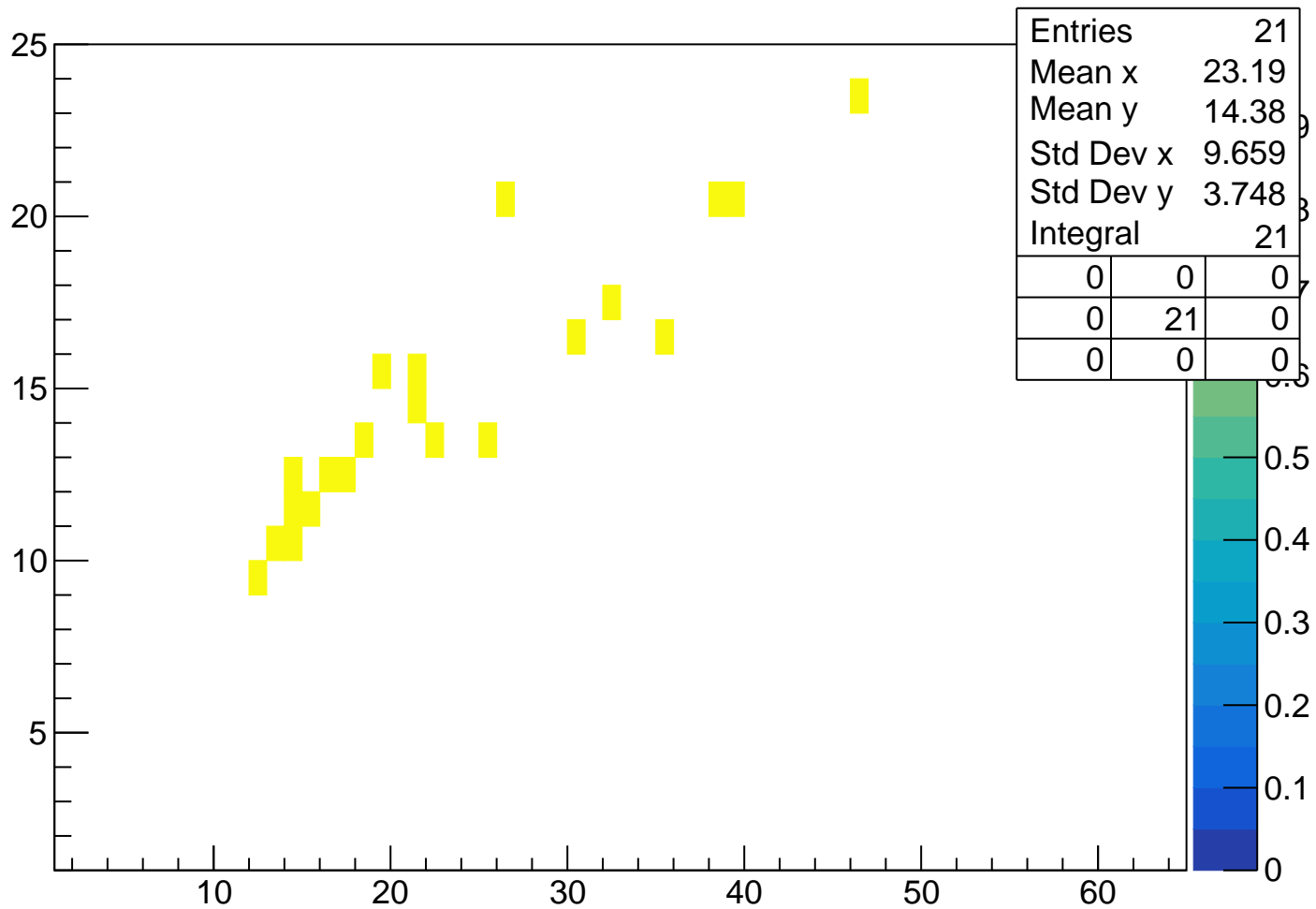
vpy[1] vs vpx[1] Cut3 1.8<pKurama[0]<2



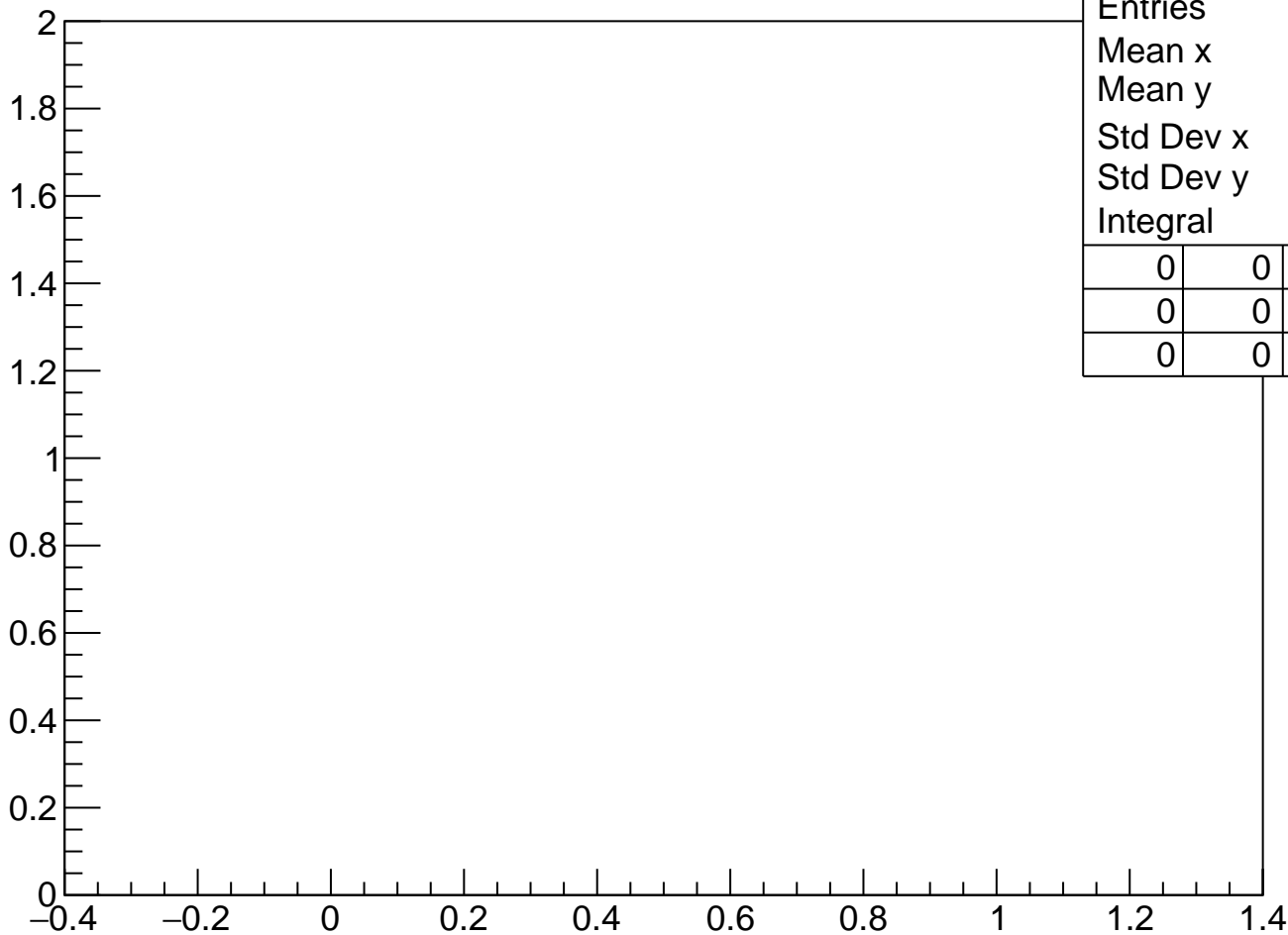
TofSeg[0] vs vpseg[1] Cut3 1.8<pKurama[0]<2



tofsegKurama[0] vs vpseg[1] Cut3 1.8<pKurama[0]<2



pKurama vs m2 Cut4 $0 < \text{pKurama}[0] < 0.2$



Entries	0		
Mean x	0		
Mean y	0		
Std Dev x	0		
Std Dev y	0		
Integral	0		
0	0	0	
0	0	0	
0	0	0	

vpy[1] vs vpx[1]

Cut4 0<pKurama[0]<0.2



Entries	0		
Mean x	0		
Mean y	0		
Std Dev x	0		
Std Dev y	0		
Integral	0		
0	0	0	
0	0	0	
0	0	0	

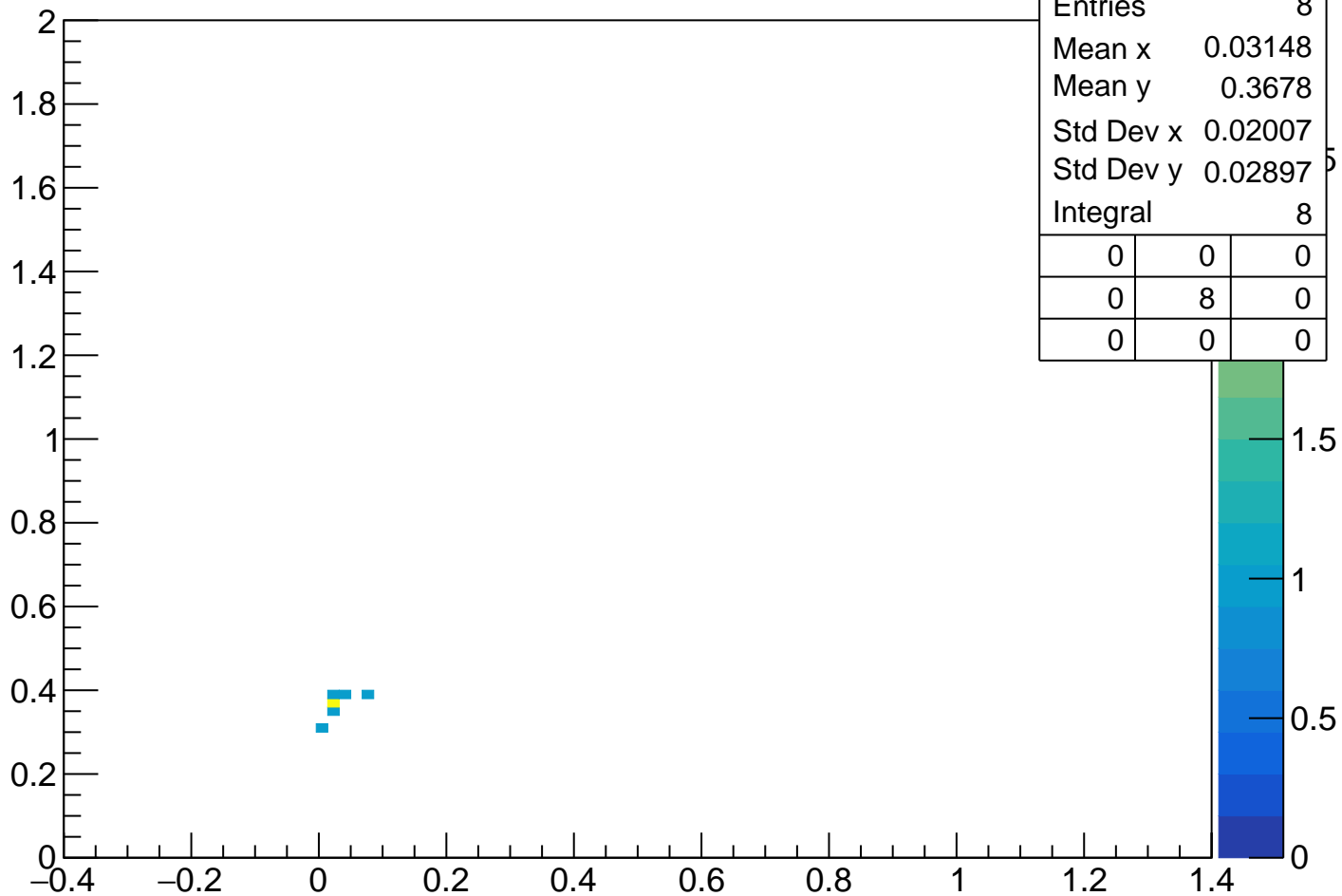
TofSeg[0] vs vpseg[1] Cut4 0<pKurama[0]<0.2



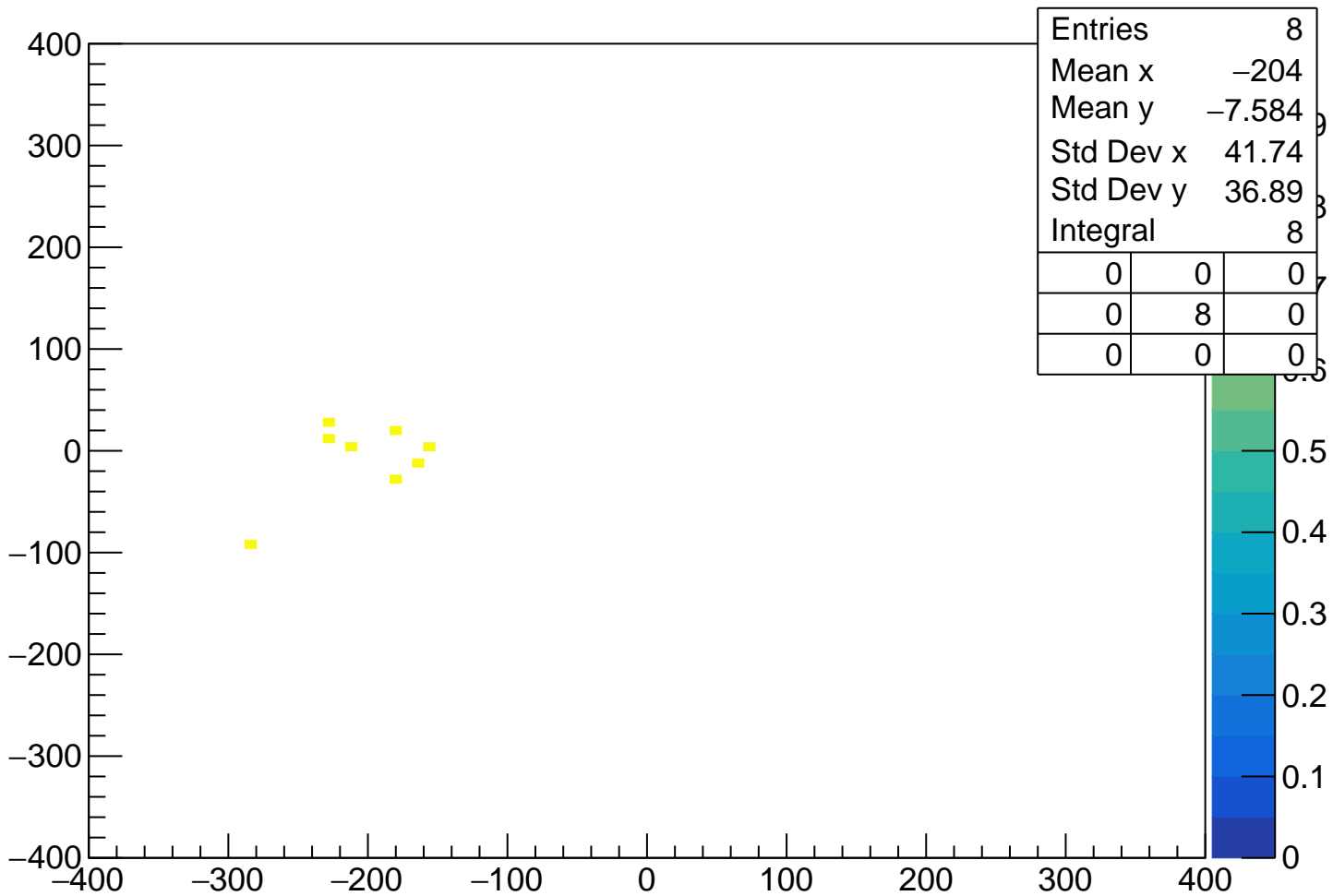
tofsegKurama[0] vs vpseg[1] Cut4 0<pKurama[0]<0.2



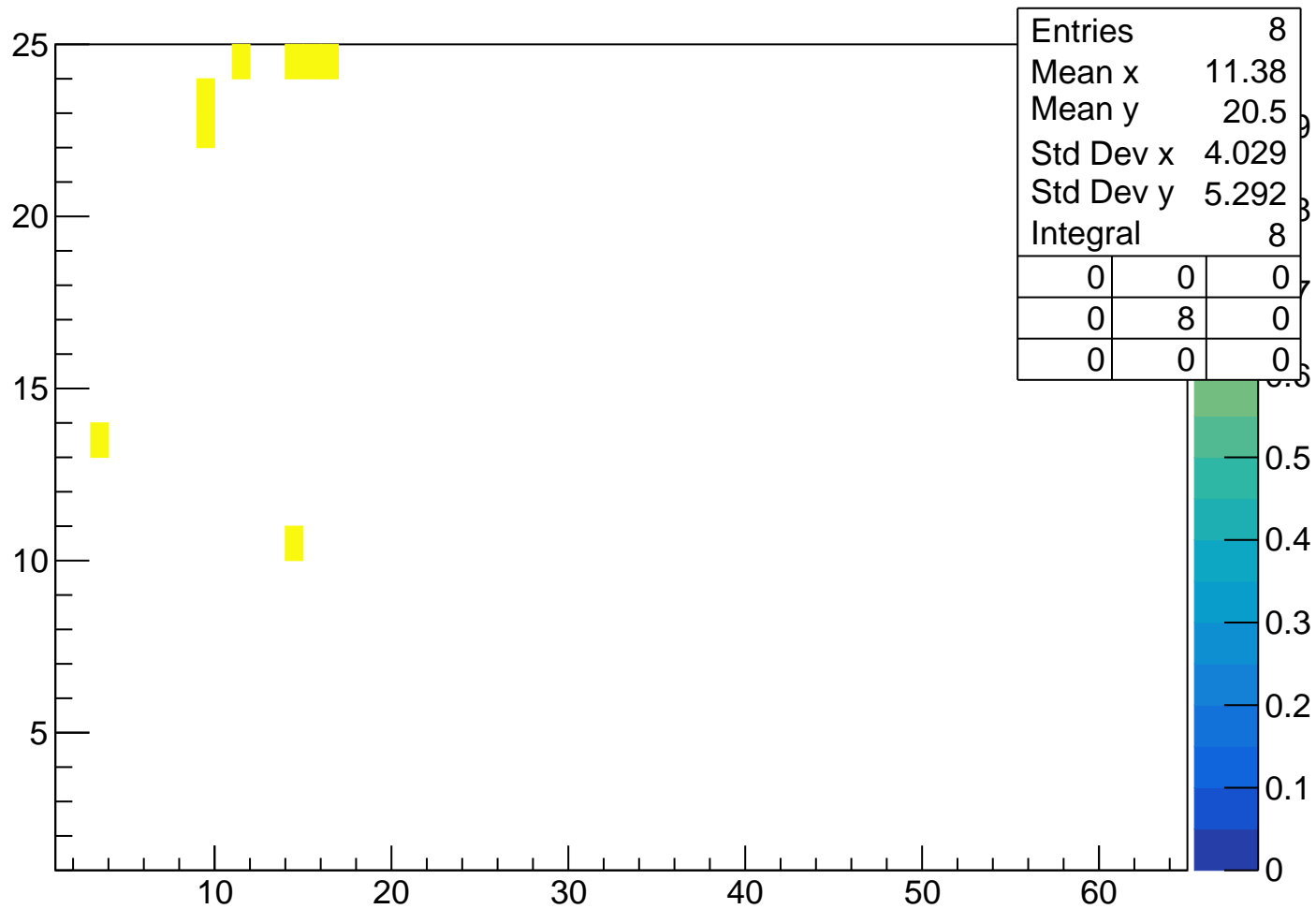
pKurama vs m2 Cut4 0.2<pKurama[0]<0.4



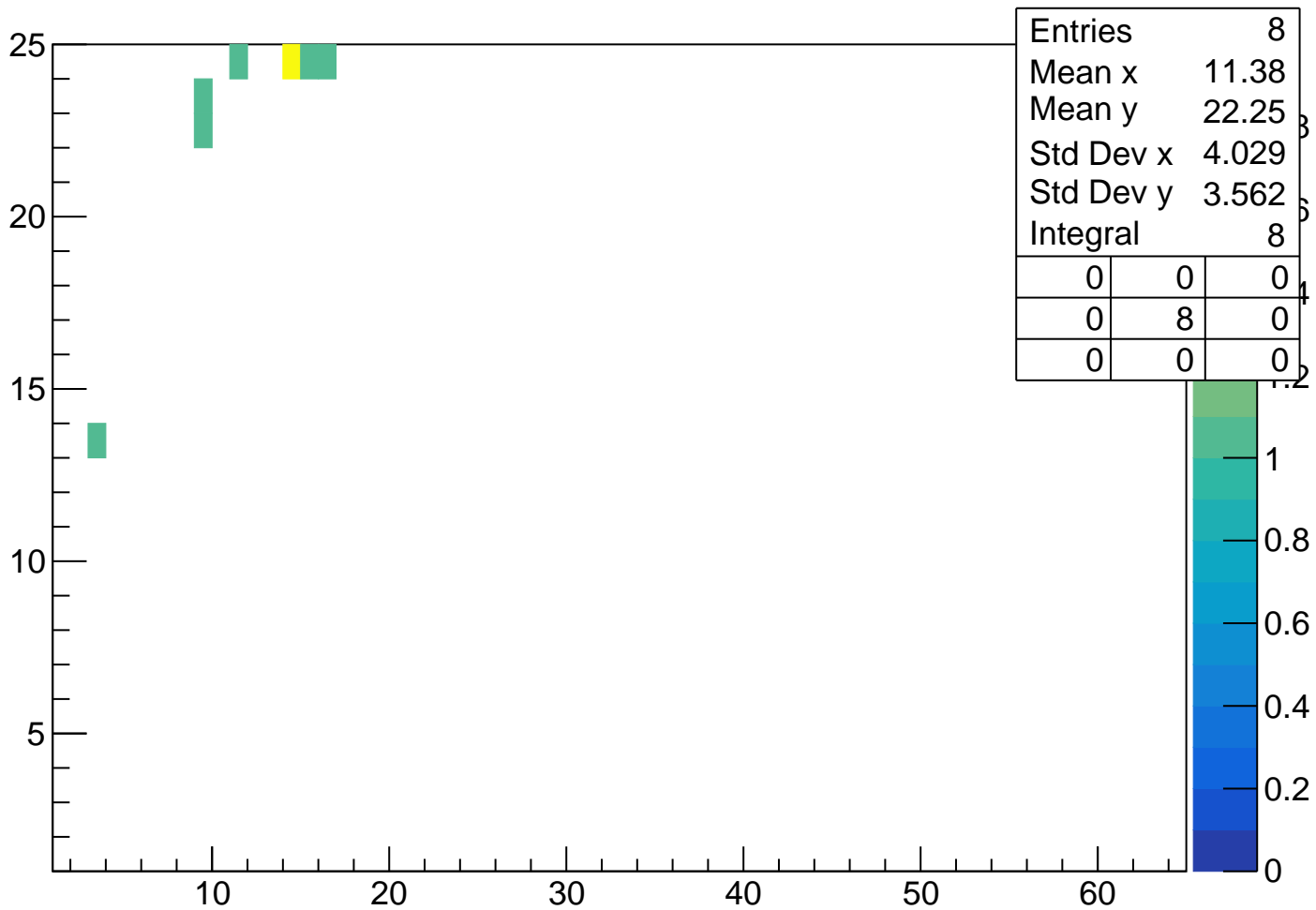
vpy[1] vs vpx[1] Cut4 0.2<pKurama[0]<0.4



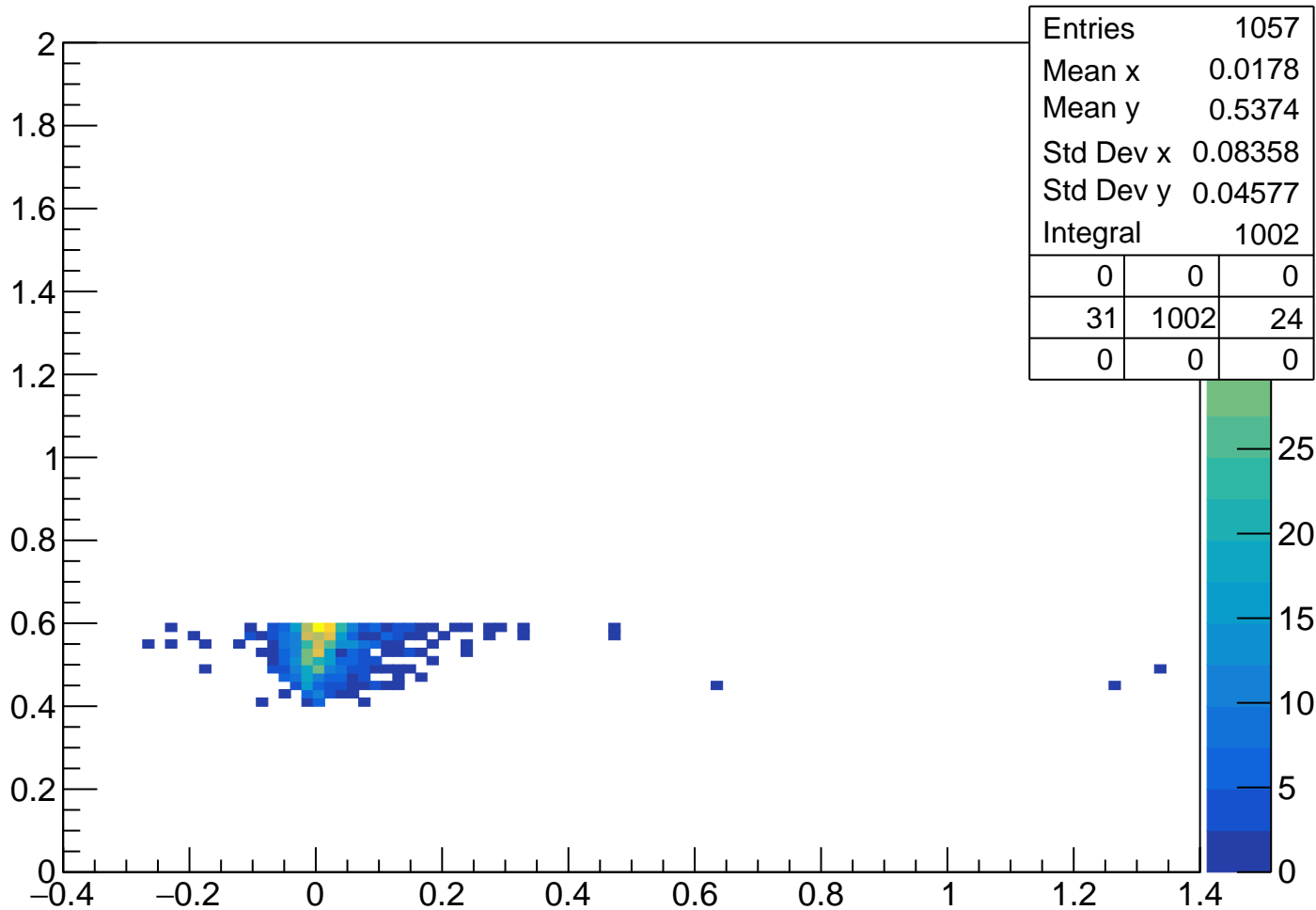
TofSeg[0] vs vpseg[1] Cut4 0.2<pKurama[0]<0.4



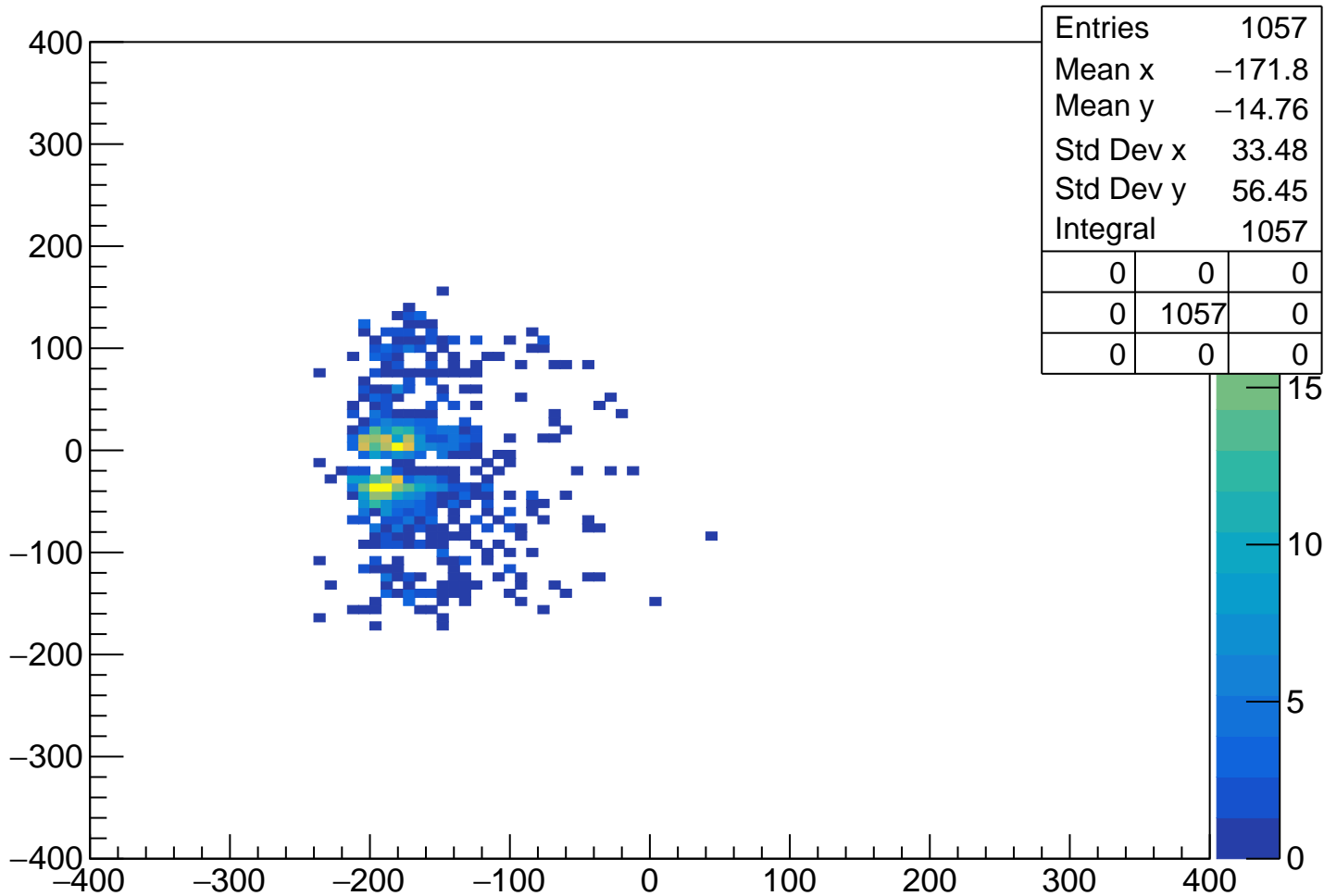
tofsegKurama[0] vs vpseg[1] Cut4 0.2<pKurama[0]<0.4



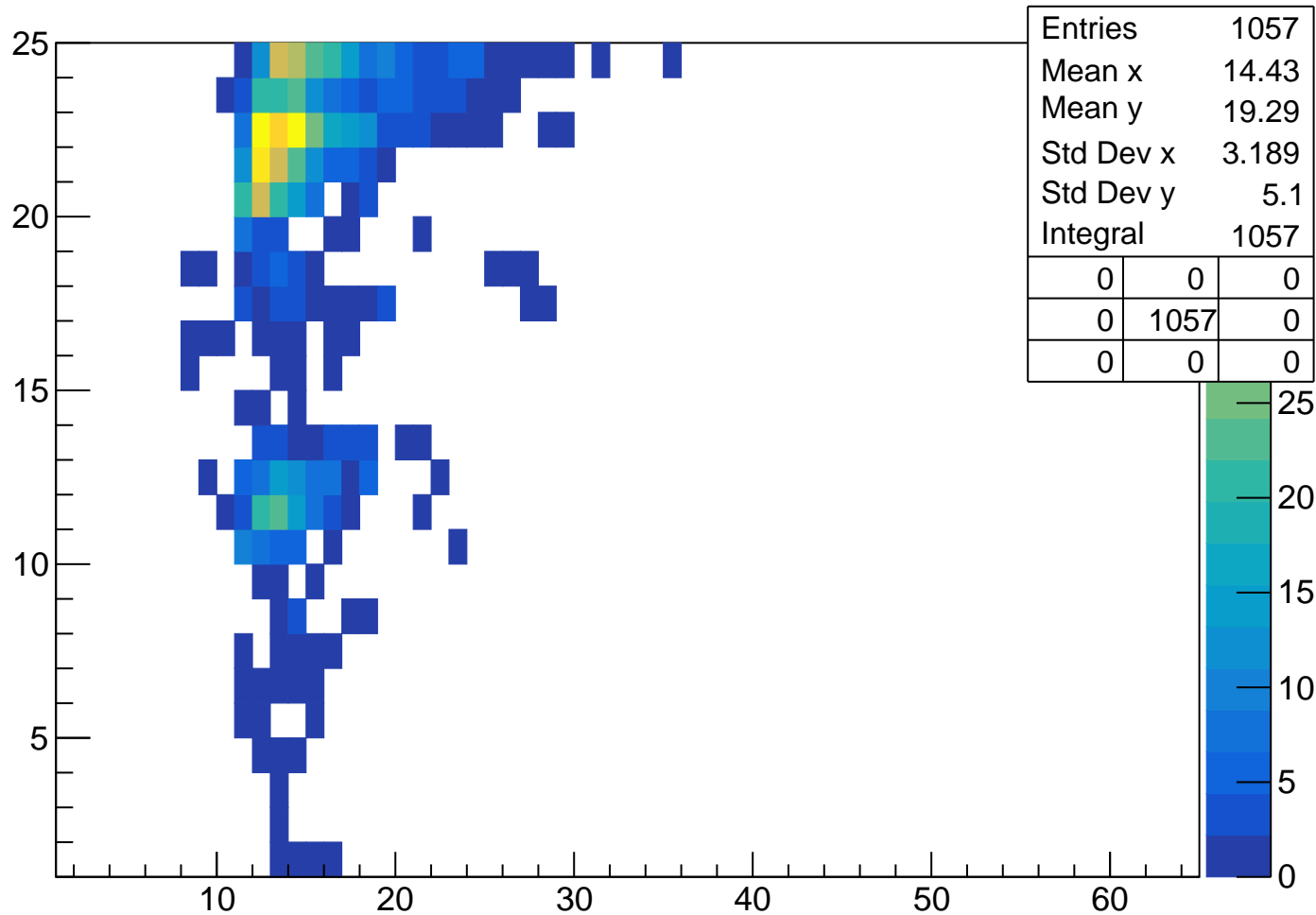
pKurama vs m2 Cut4 $0.4 < \text{pKurama}[0] < 0.6$



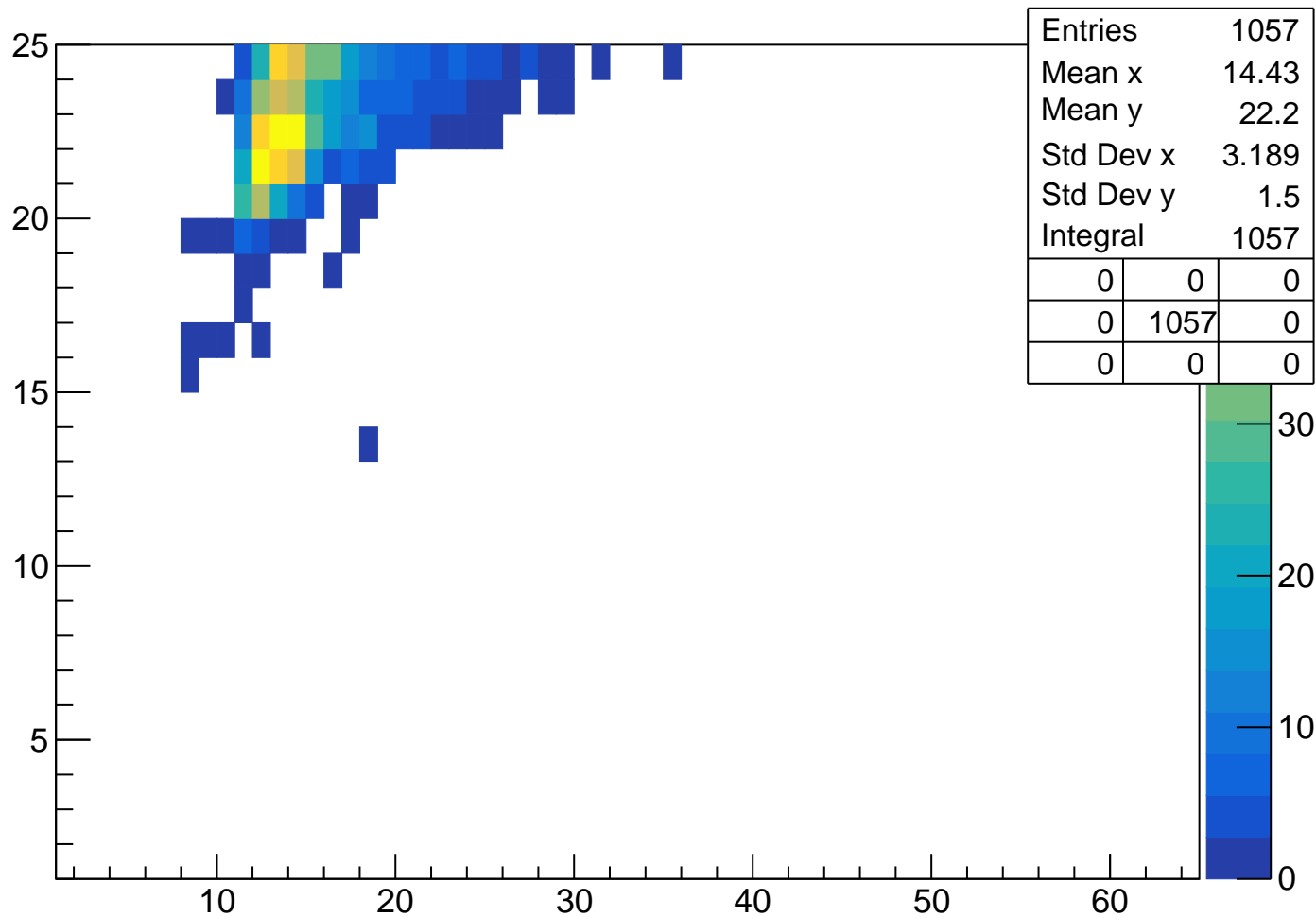
vpy[1] vs vpx[1] Cut4 0.4<pKurama[0]<0.6



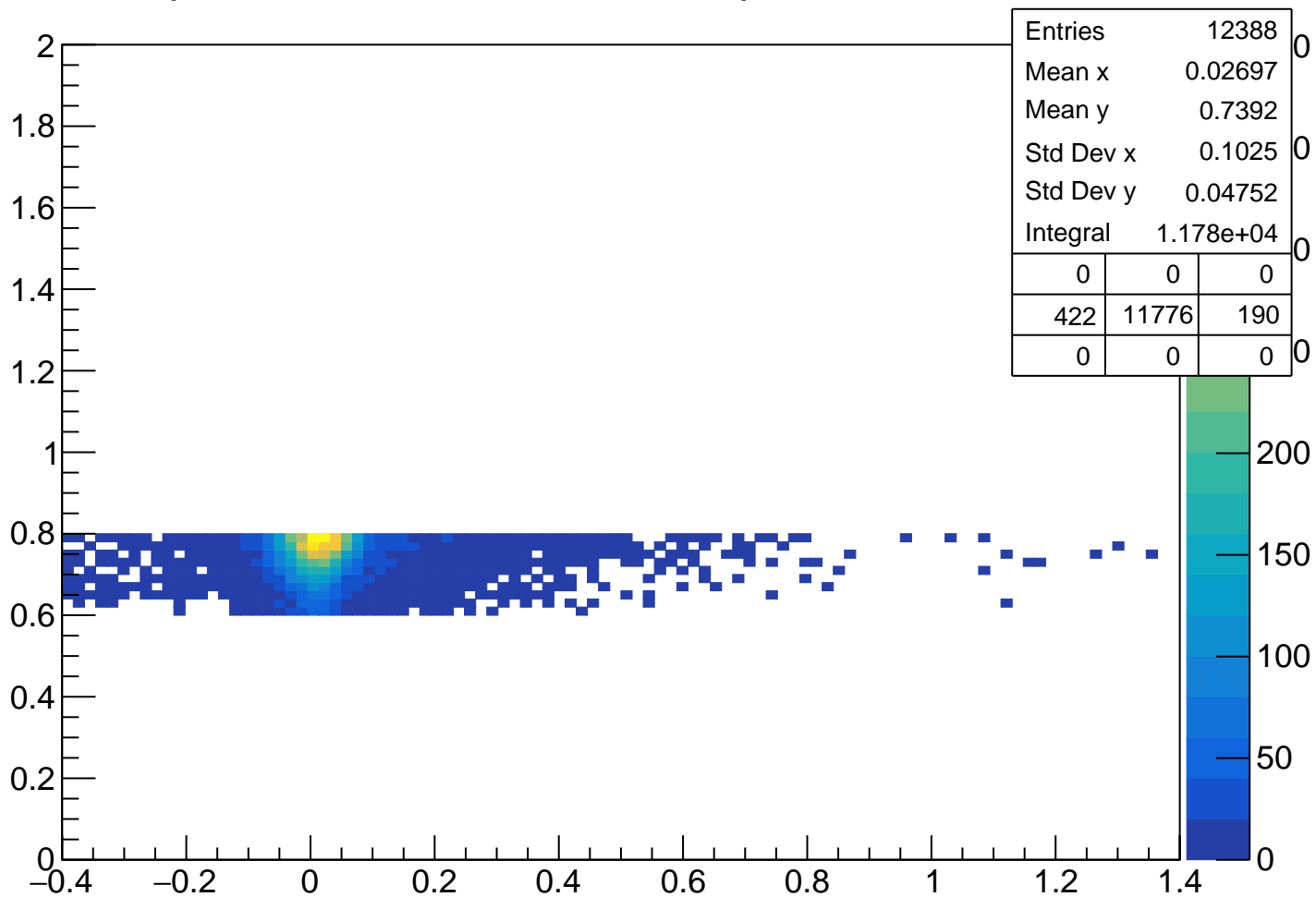
TofSeg[0] vs vpseg[1] Cut4 0.4<pKurama[0]<0.6



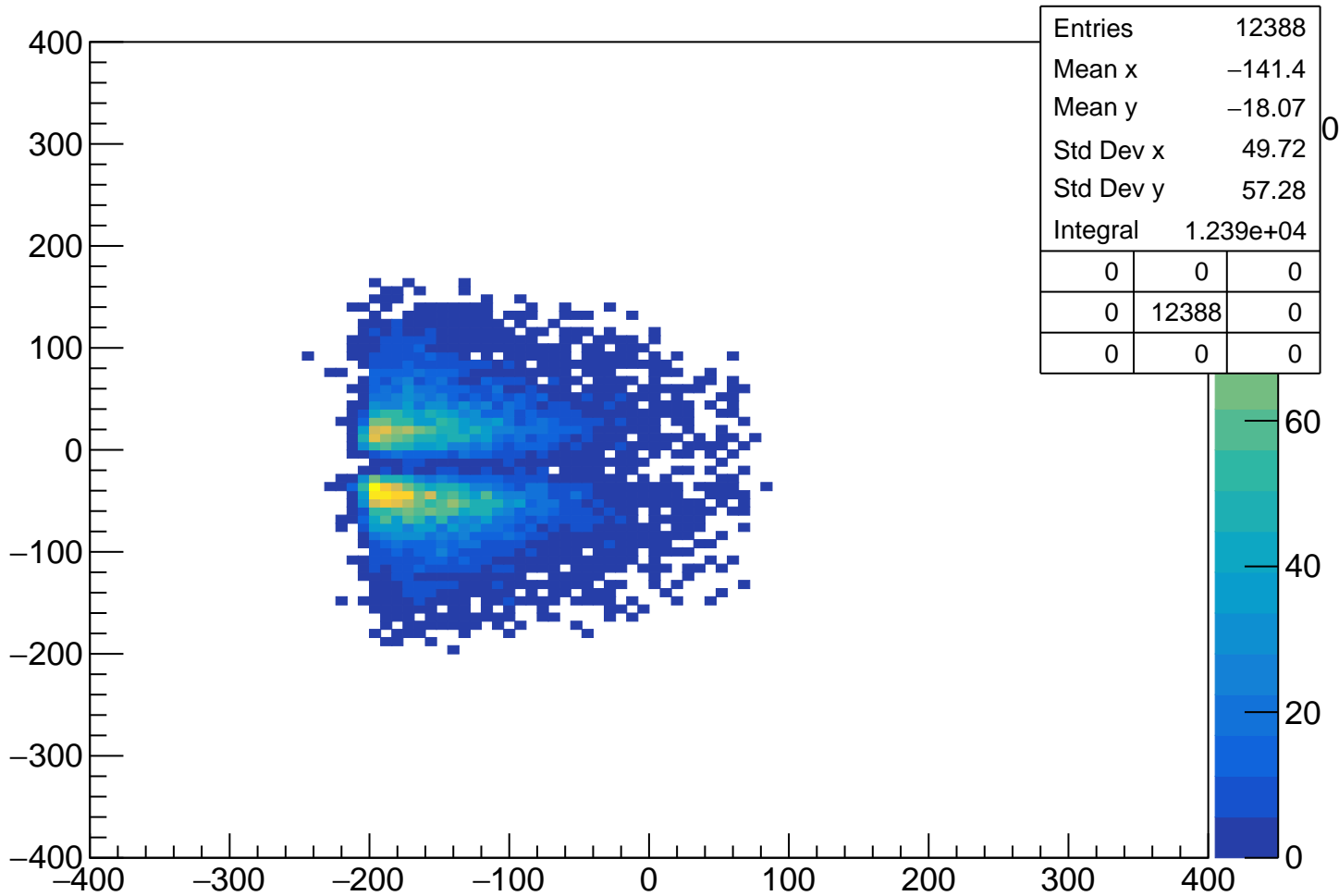
tofsegKurama[0] vs vpseg[1] Cut4 $0.4 < p_{\text{Kurama}[0]} < 0.6$



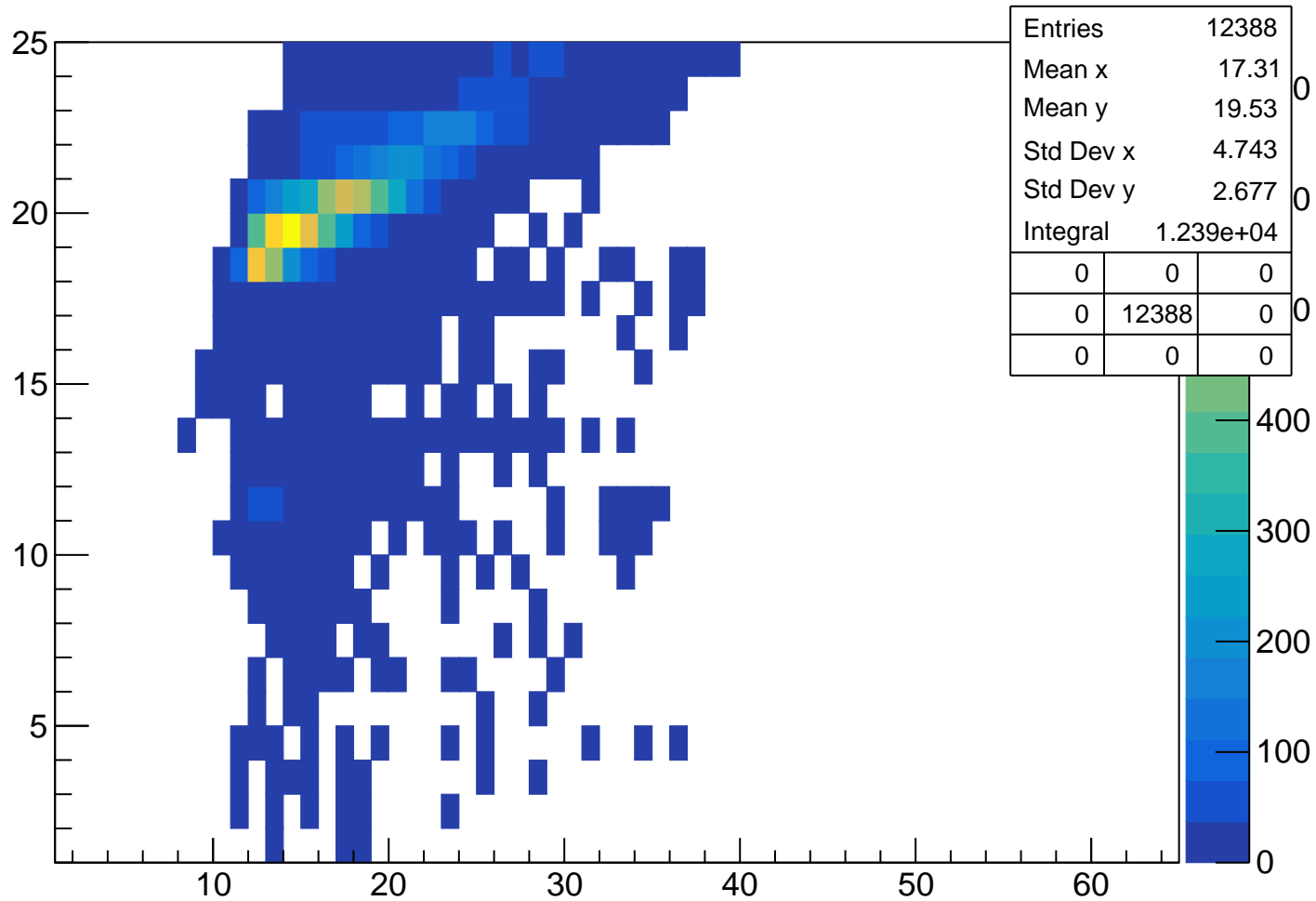
pKurama vs m2 Cut4 0.6<pKurama[0]<0.8



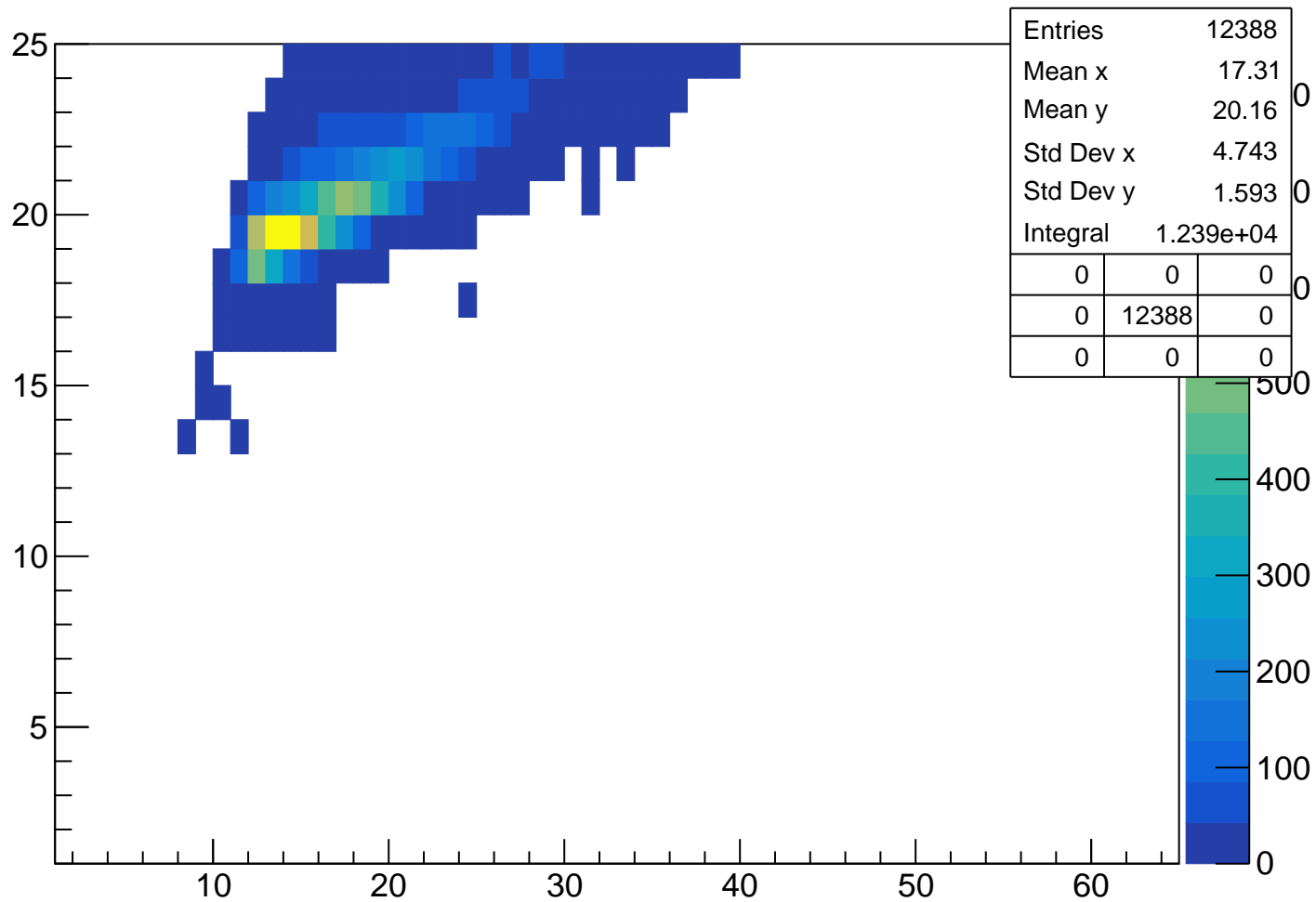
vpy[1] vs vpx[1] Cut4 0.6<pKurama[0]<0.8



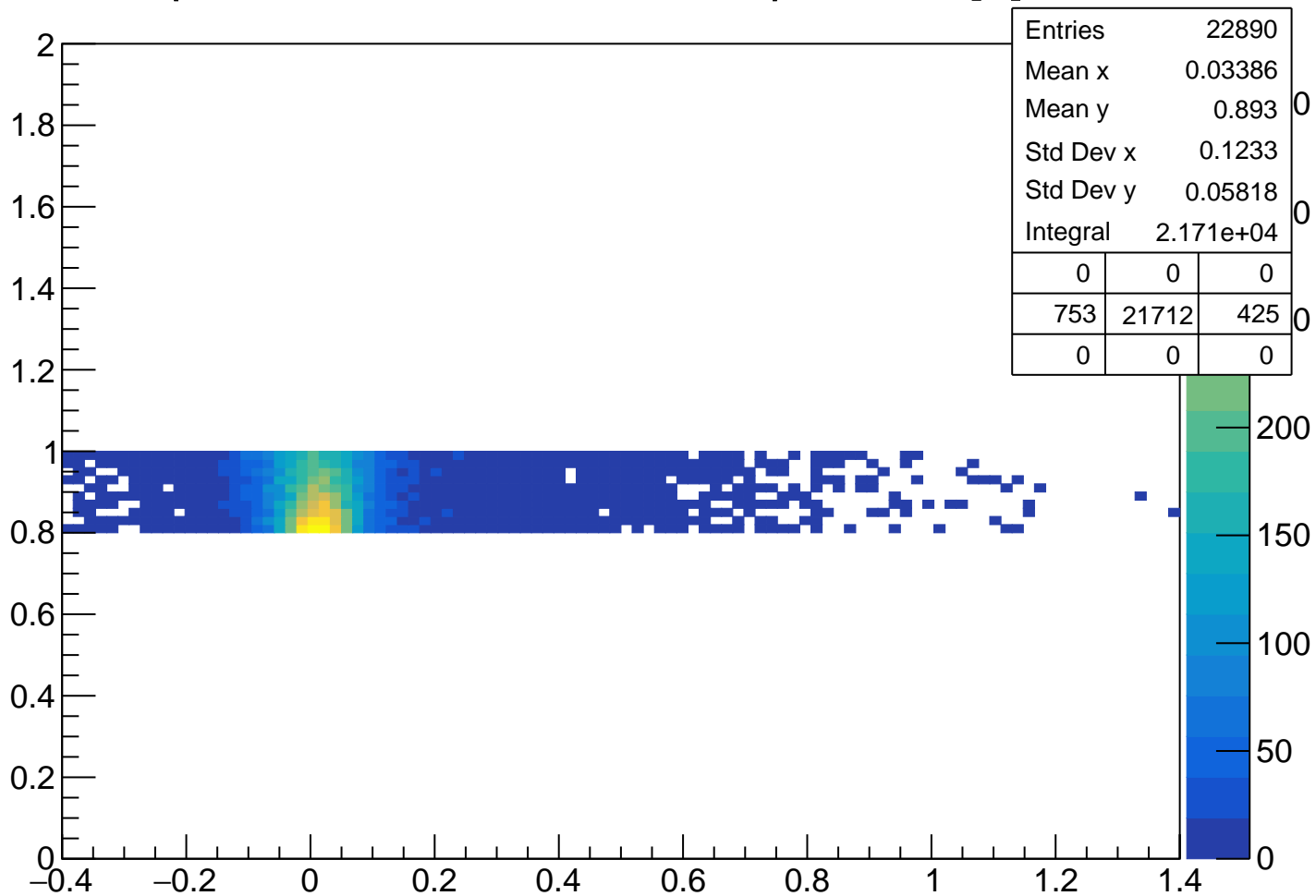
TofSeg[0] vs vpseg[1] Cut4 0.6<pKurama[0]<0.8



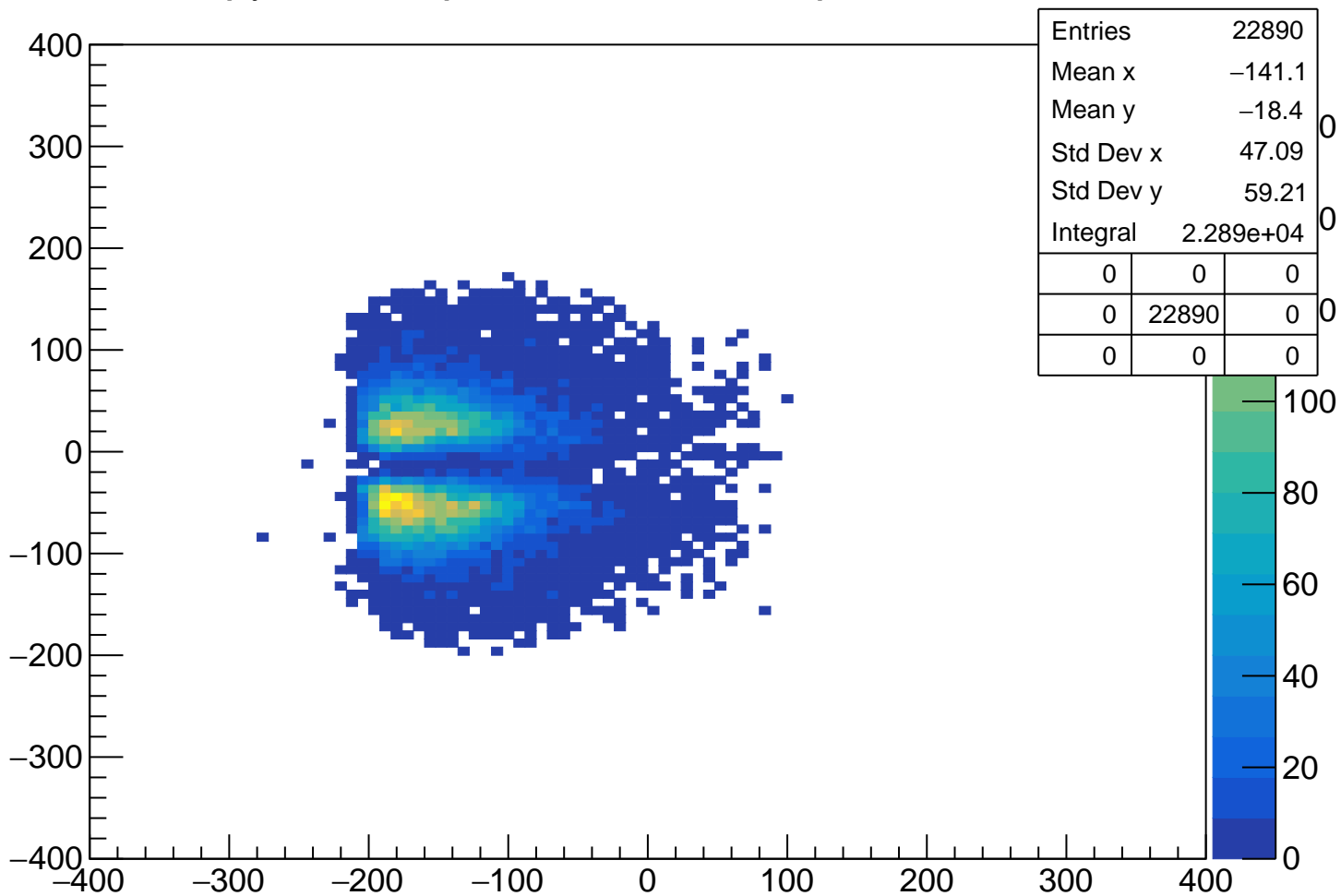
tofsegKurama[0] vs vpseg[1] Cut4 0.6<pKurama[0]<0.8



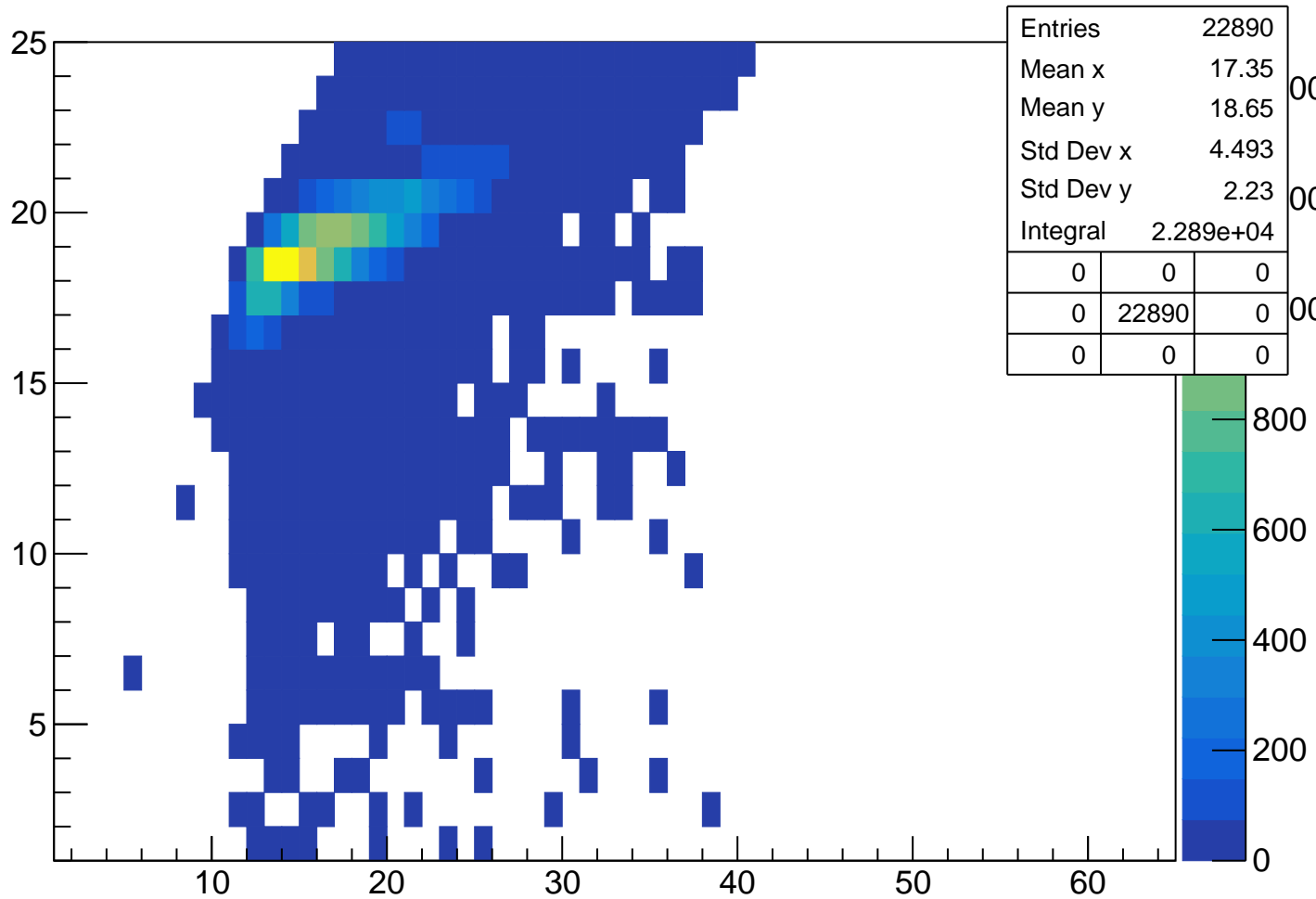
pKurama vs m2 Cut4 $0.8 < \text{pKurama}[0] < 1$



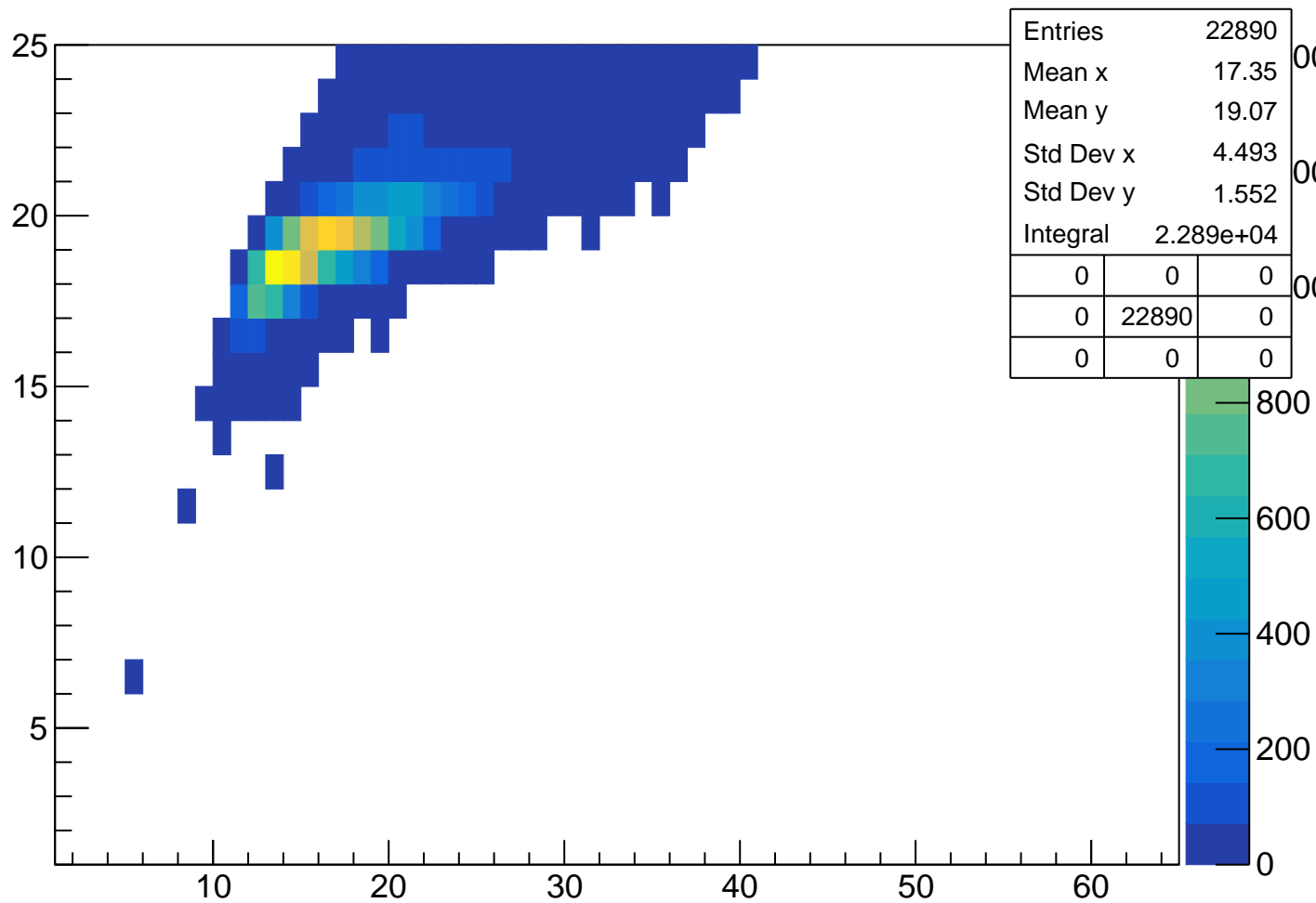
vpy[1] vs vpx[1] Cut4 0.8<pKurama[0]<1



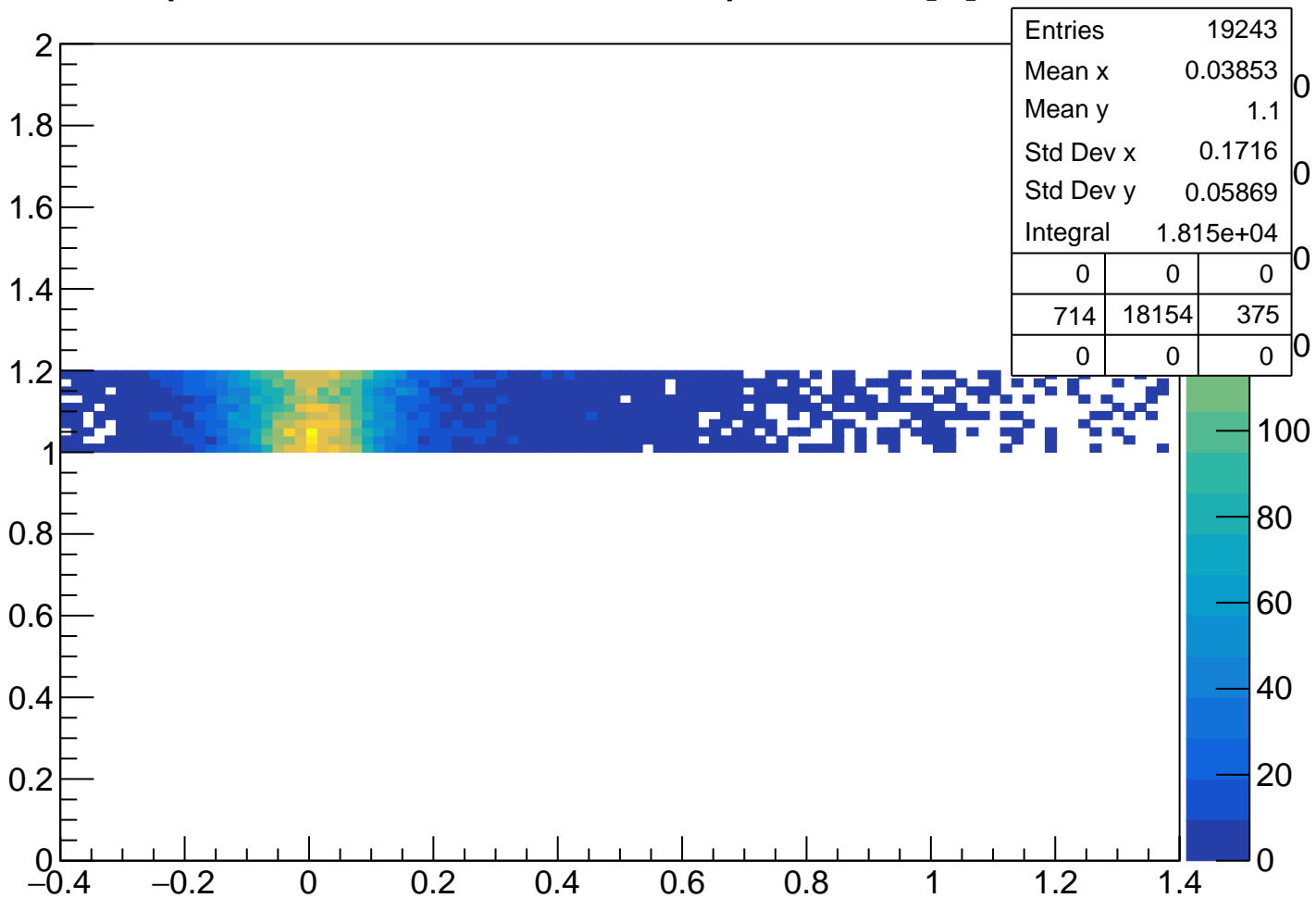
TofSeg[0] vs vpseg[1] Cut4 0.8<pKurama[0]<1



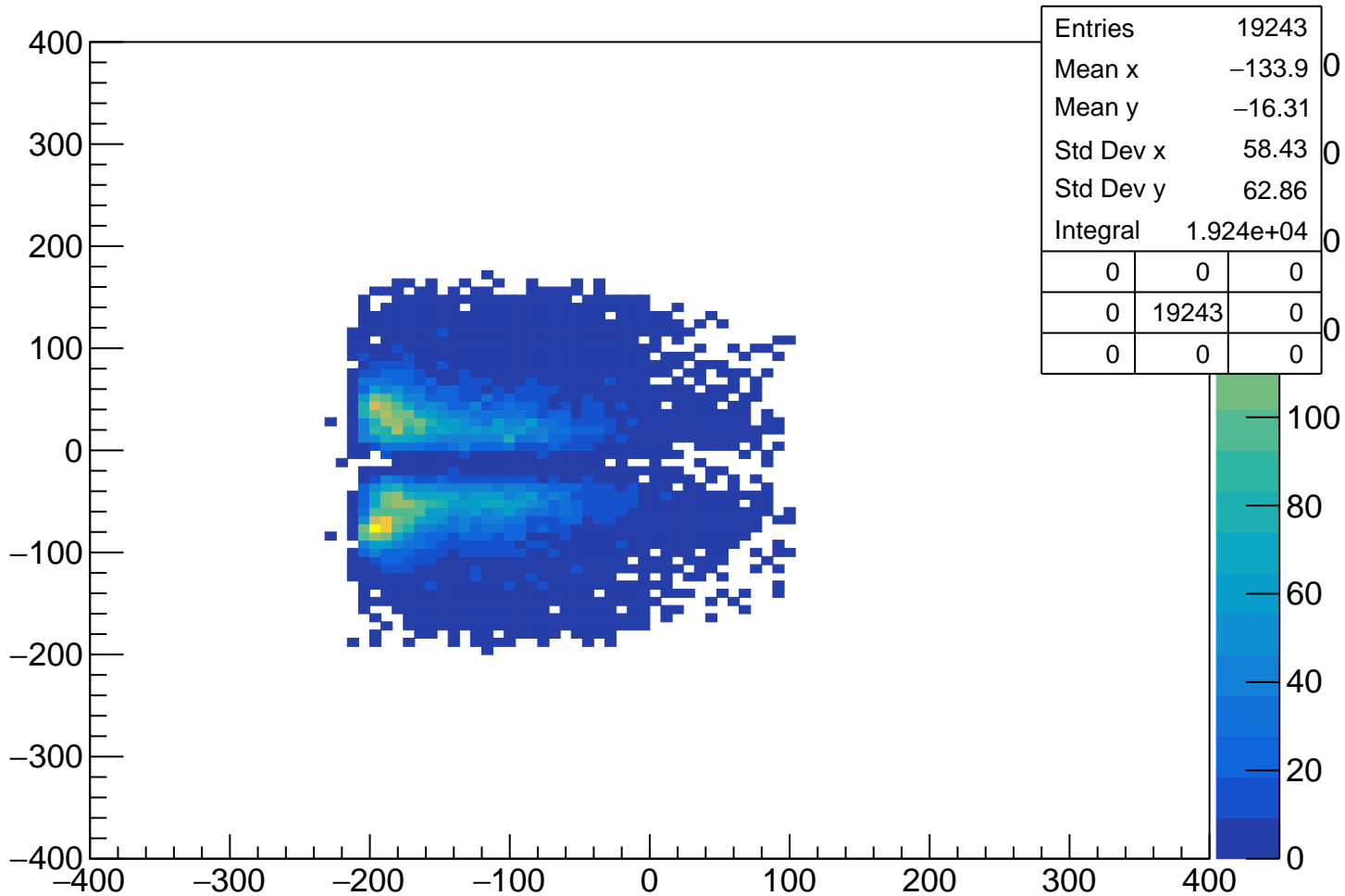
tofsegKurama[0] vs vpseg[1] Cut4 0.8<pKurama[0]<1



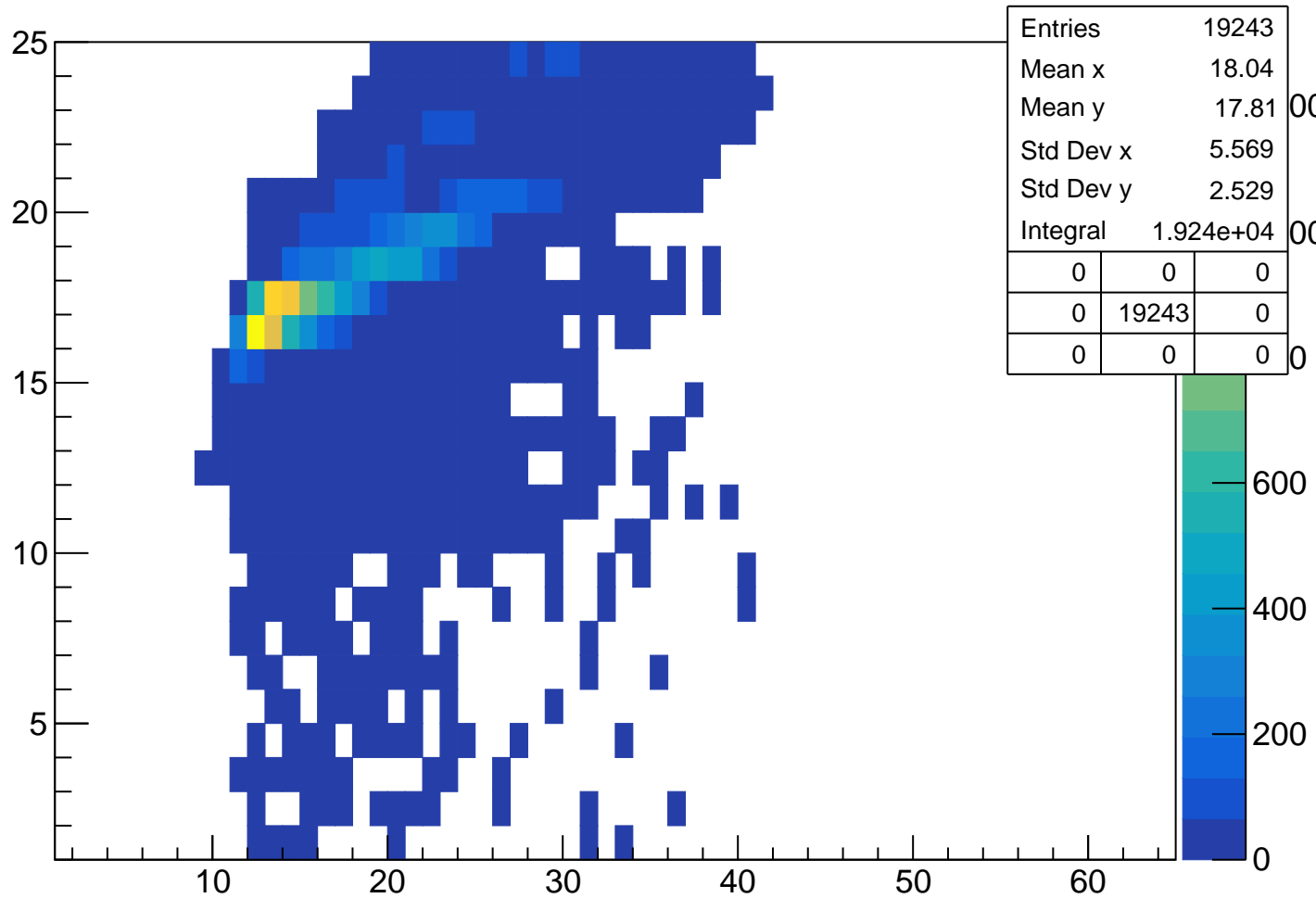
pKurama vs m2 Cut4 $1 < \text{pKurama}[0] < 1.2$



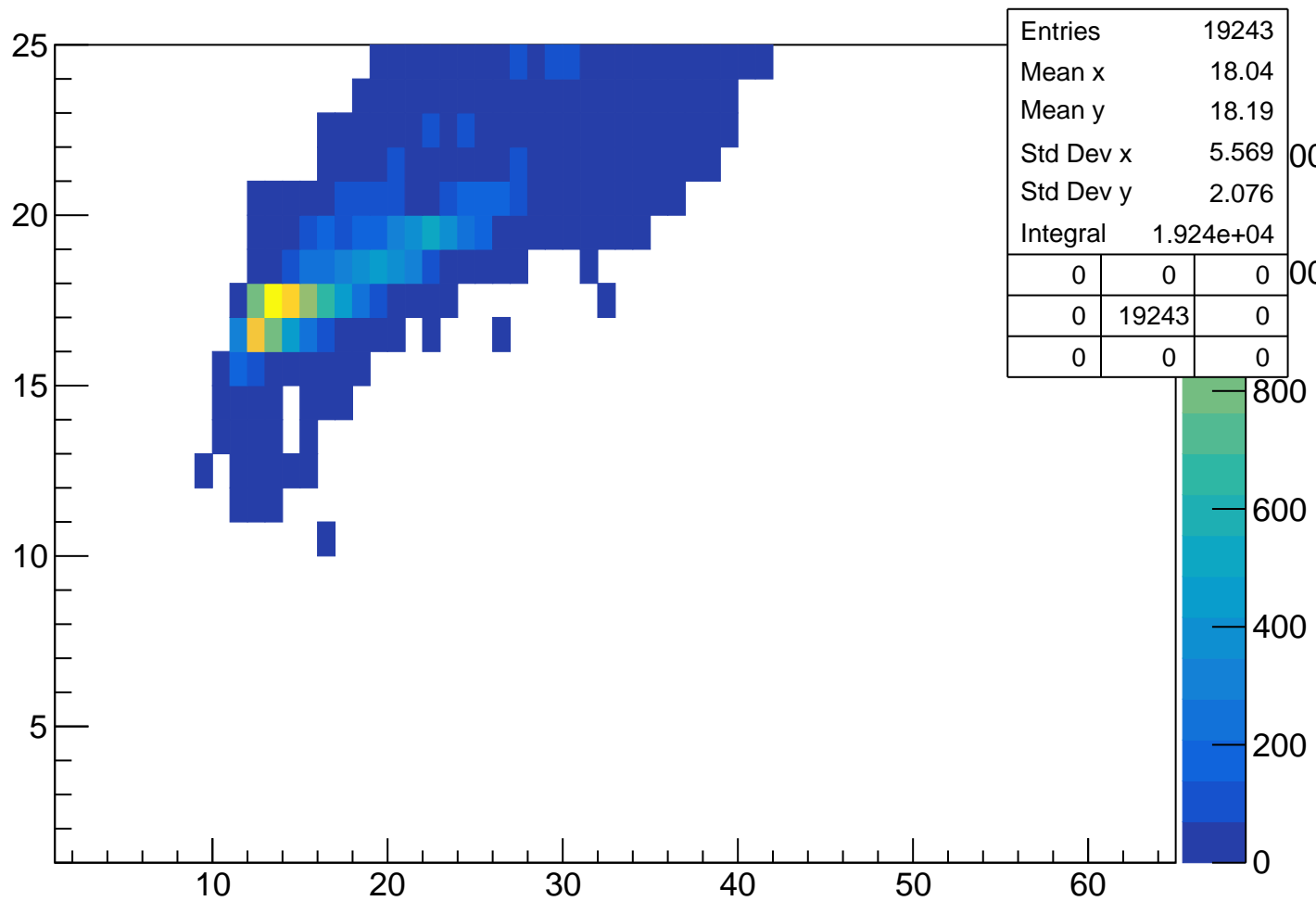
vpy[1] vs vpx[1] Cut4 1<pKurama[0]<1.2



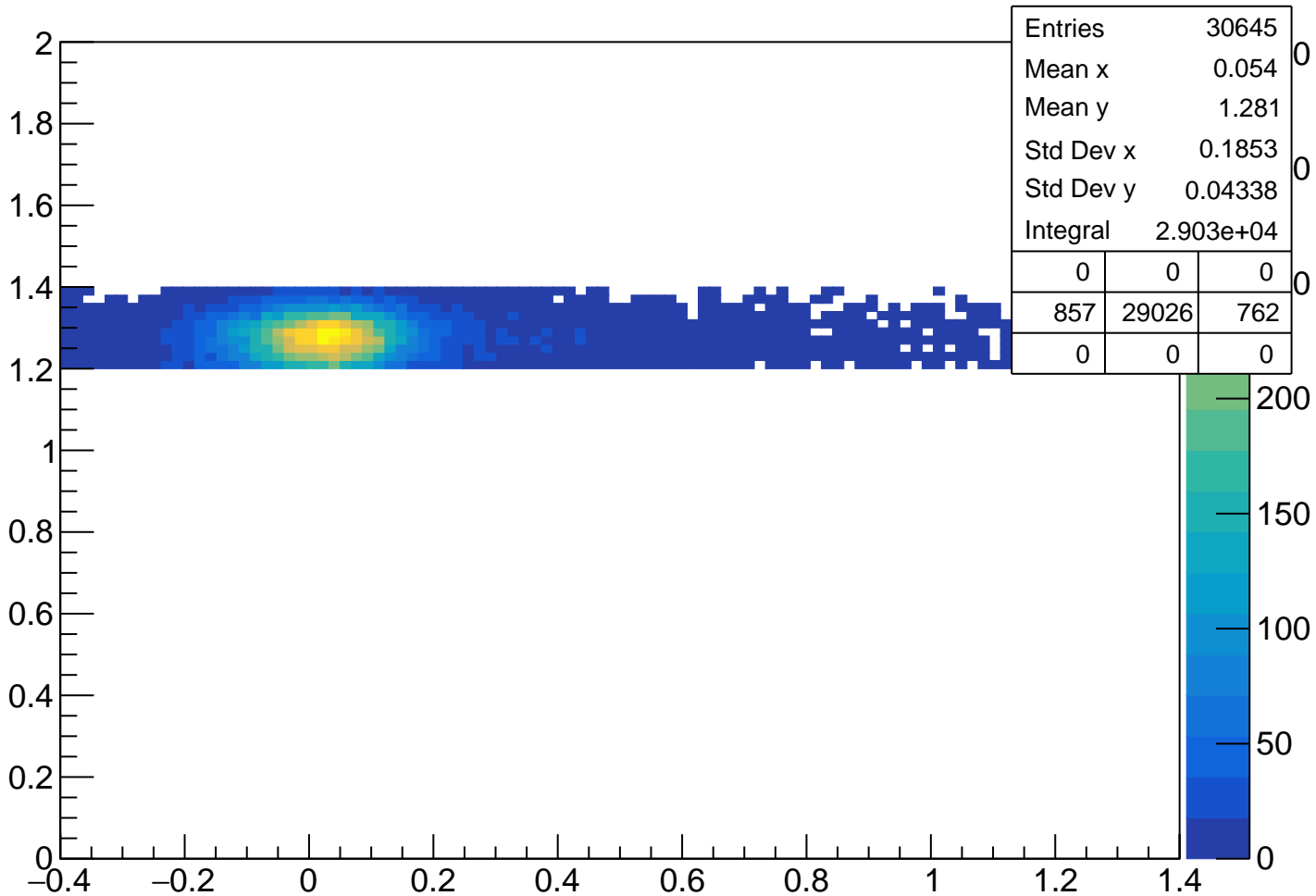
TofSeg[0] vs vpseg[1] Cut4 1<pKurama[0]<1.2



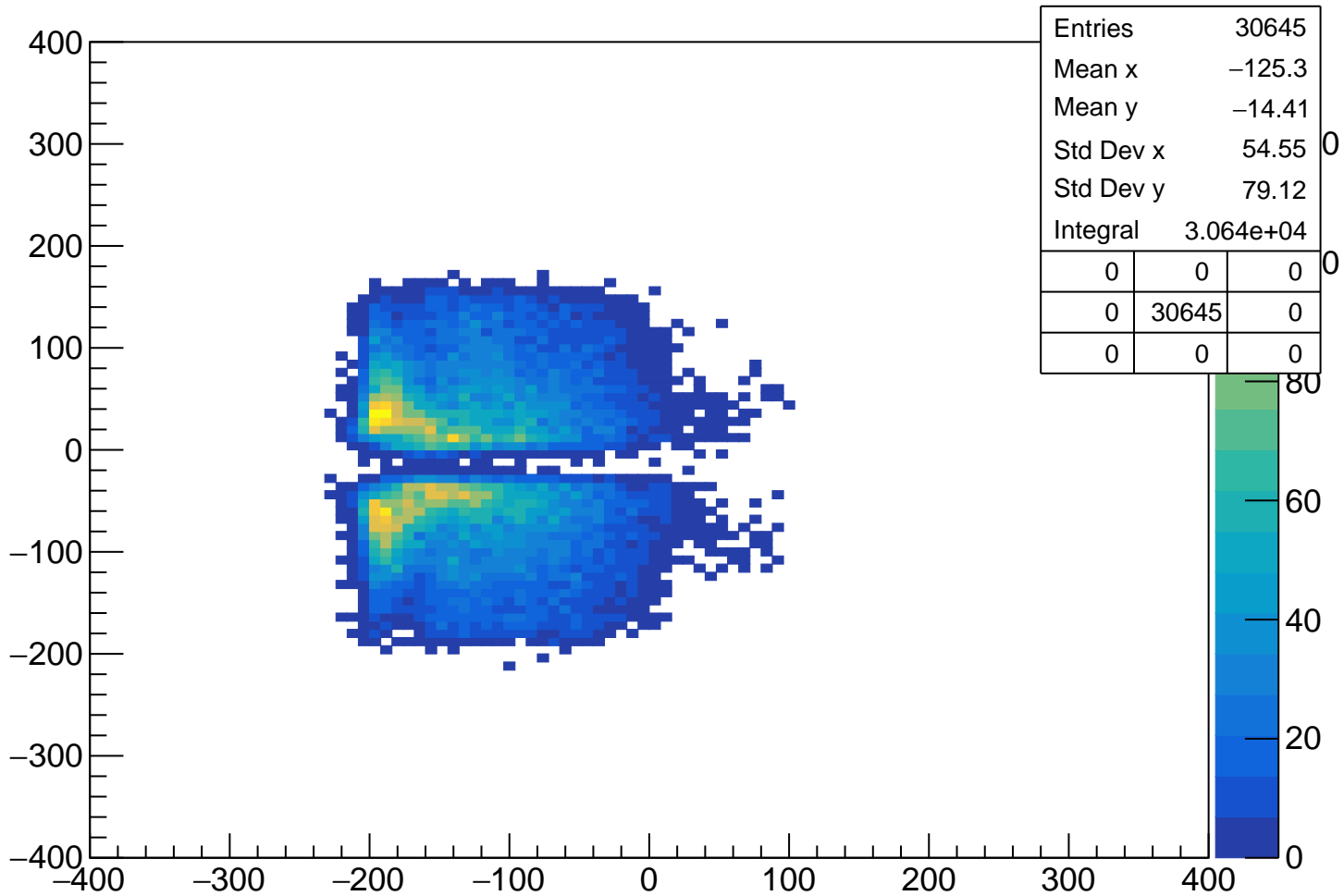
tofsegKurama[0] vs vpseg[1] Cut4 1<pKurama[0]<1.2



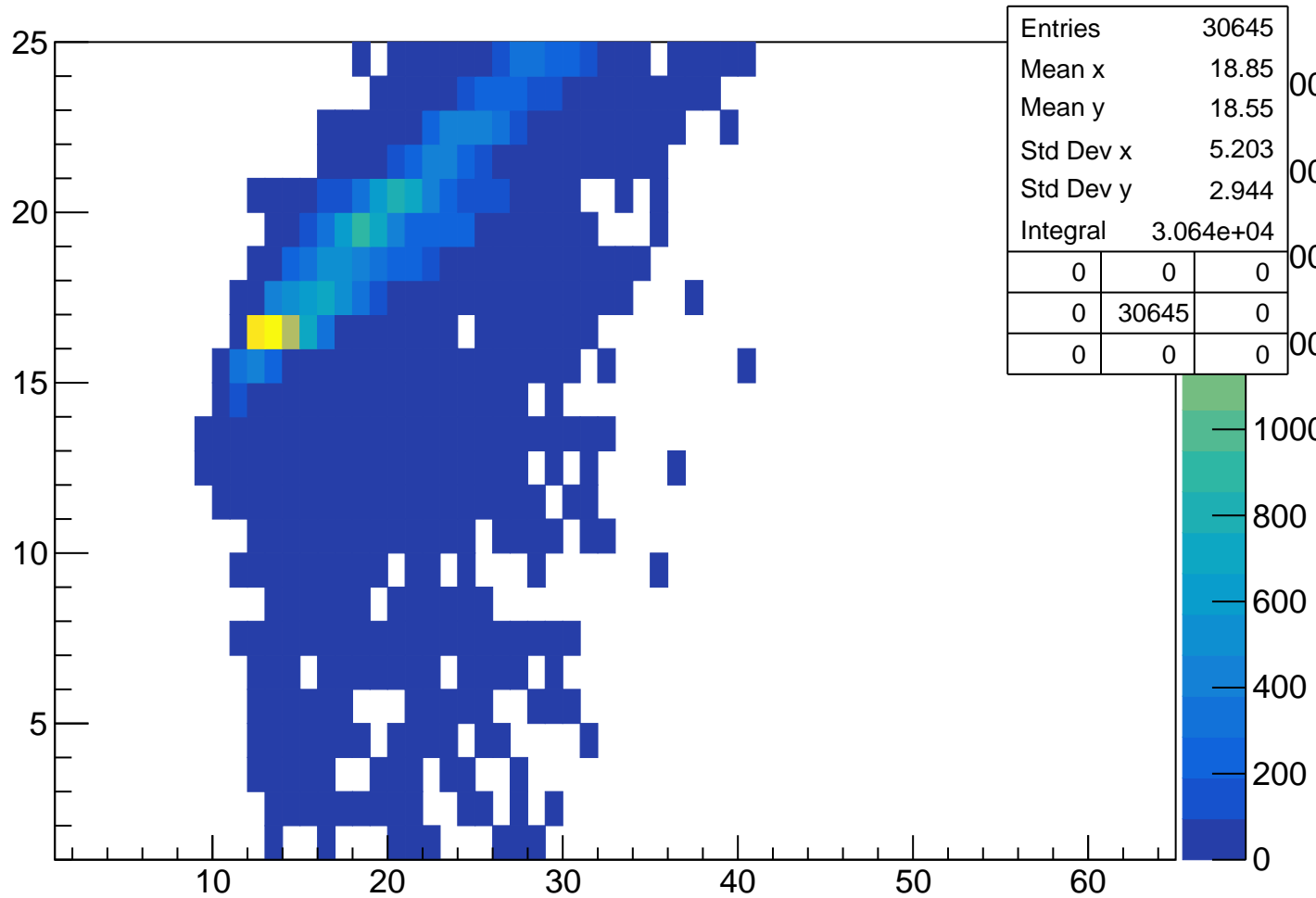
pKurama vs m2 Cut4 1.2<pKurama[0]<1.4



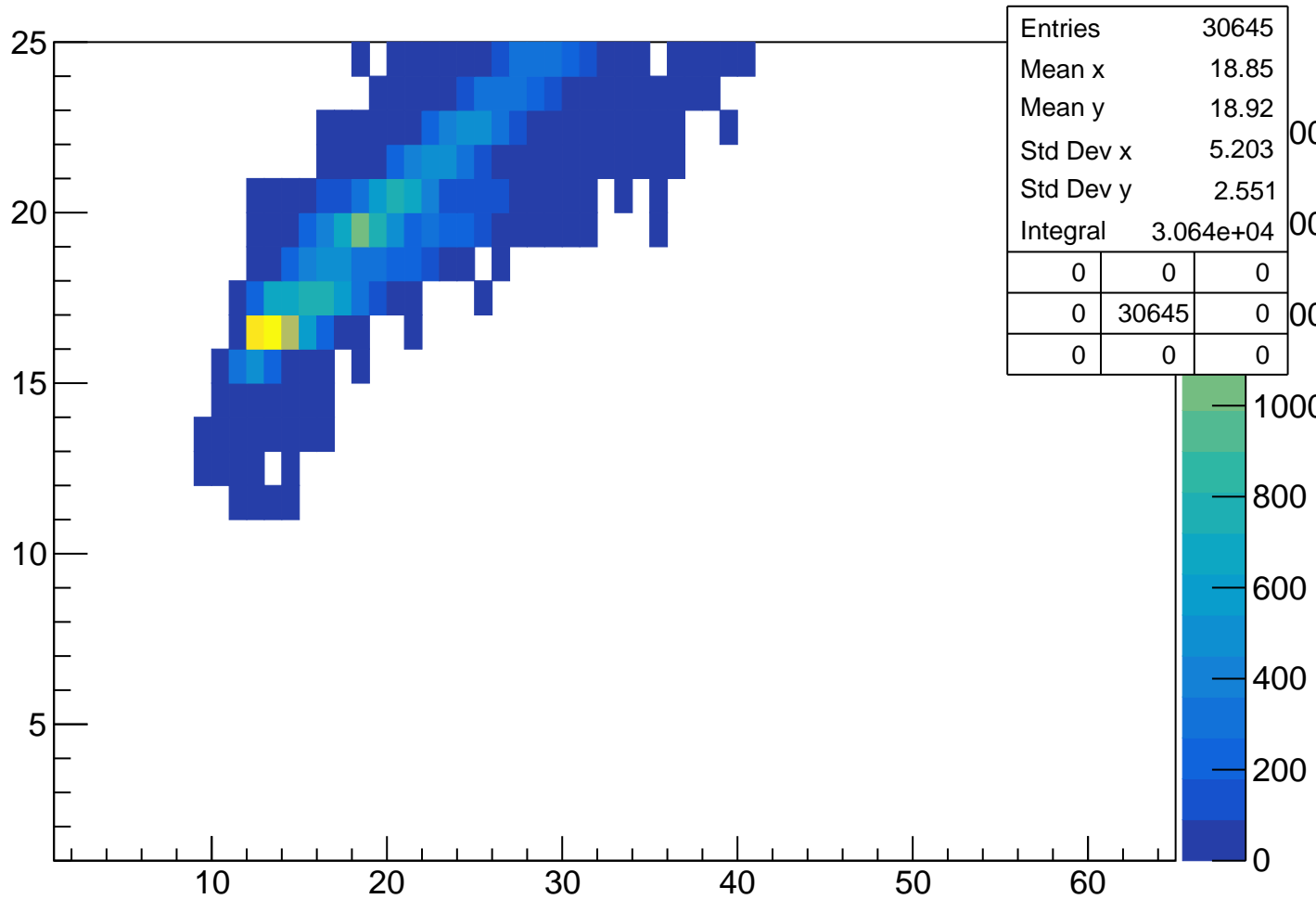
vpy[1] vs vpx[1] Cut4 1.2<pKurama[0]<1.4



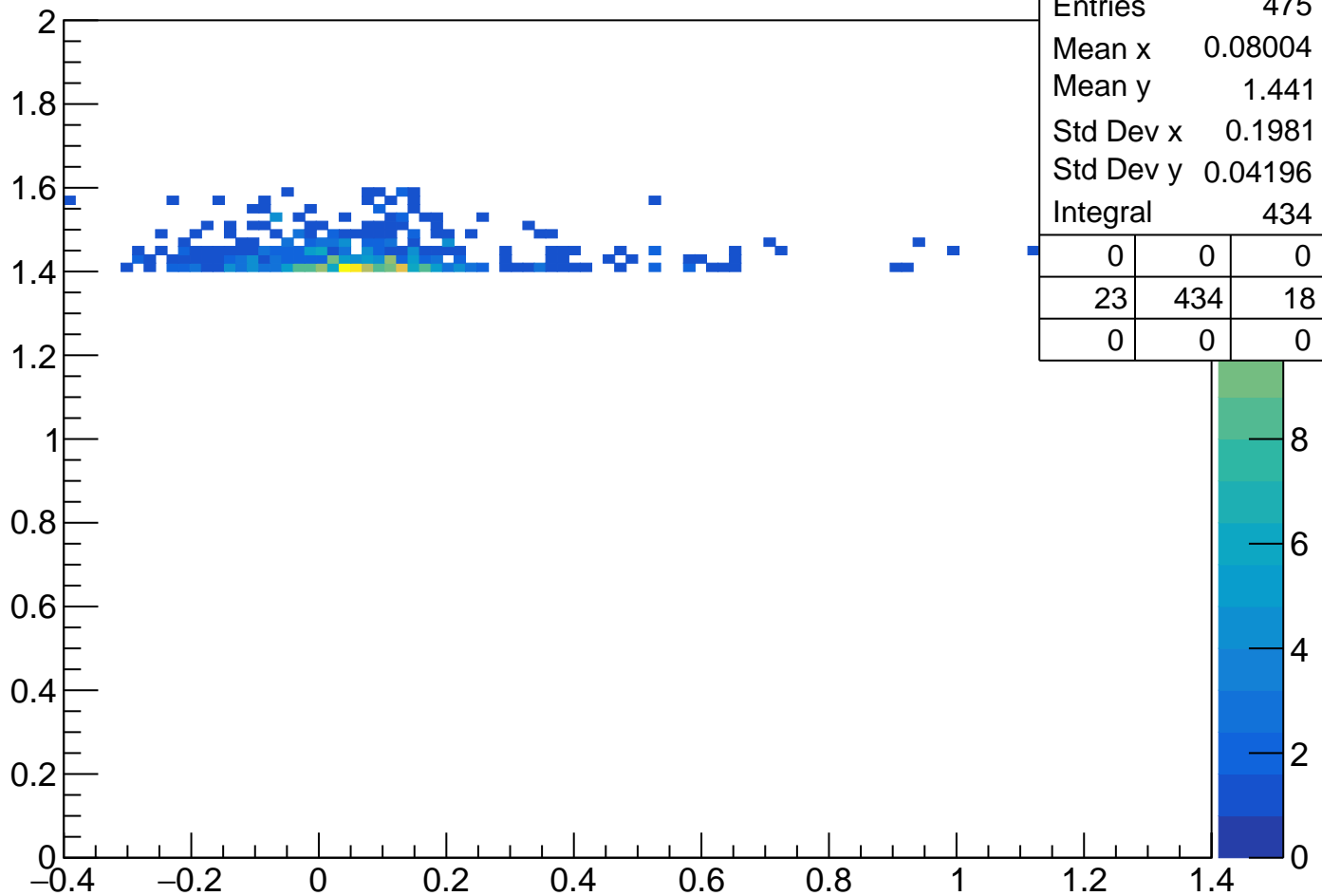
TofSeg[0] vs vpseg[1] Cut4 1.2<pKurama[0]<1.4



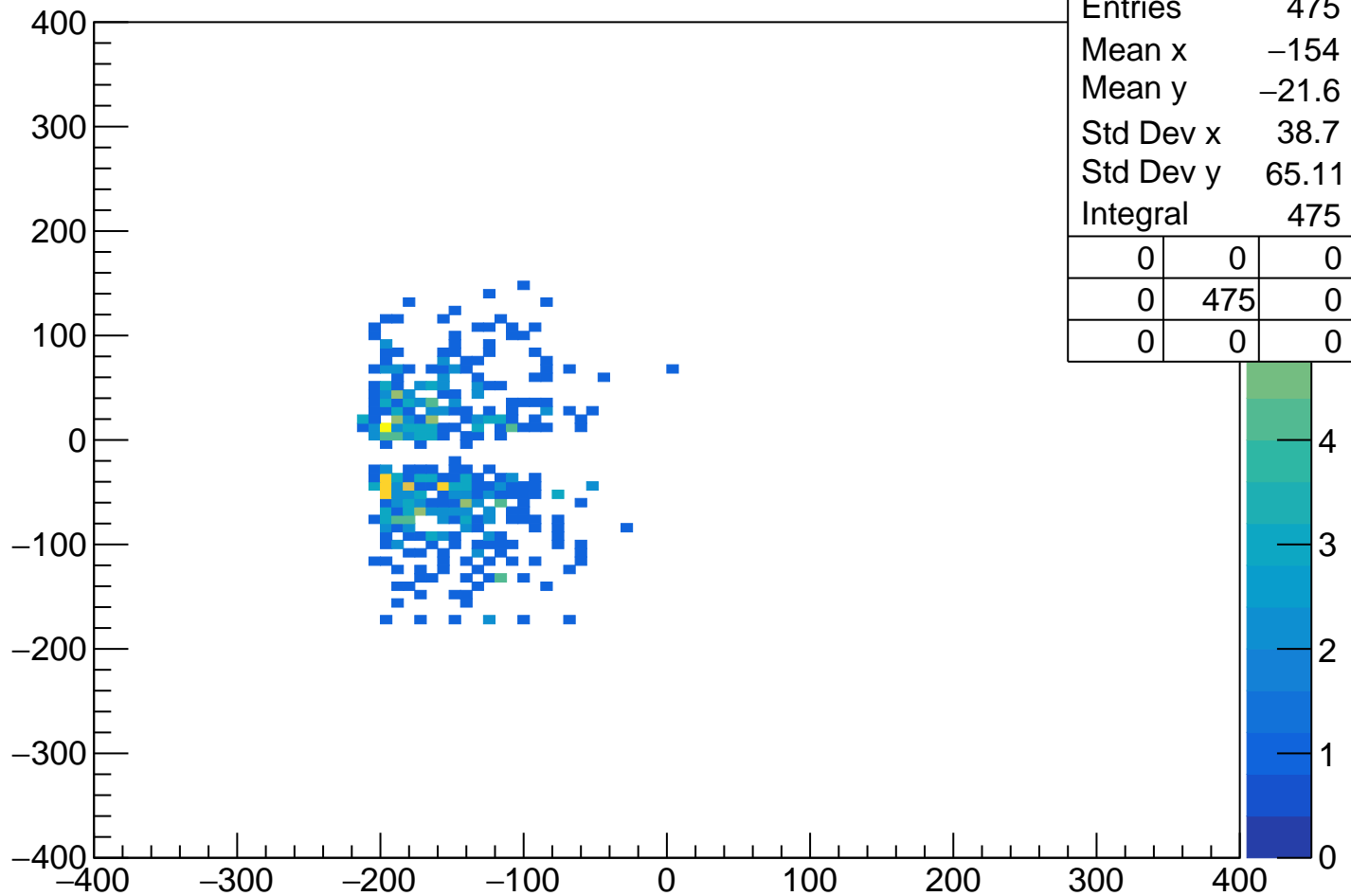
tofsegKurama[0] vs vpseg[1] Cut4 1.2<pKurama[0]<1.4



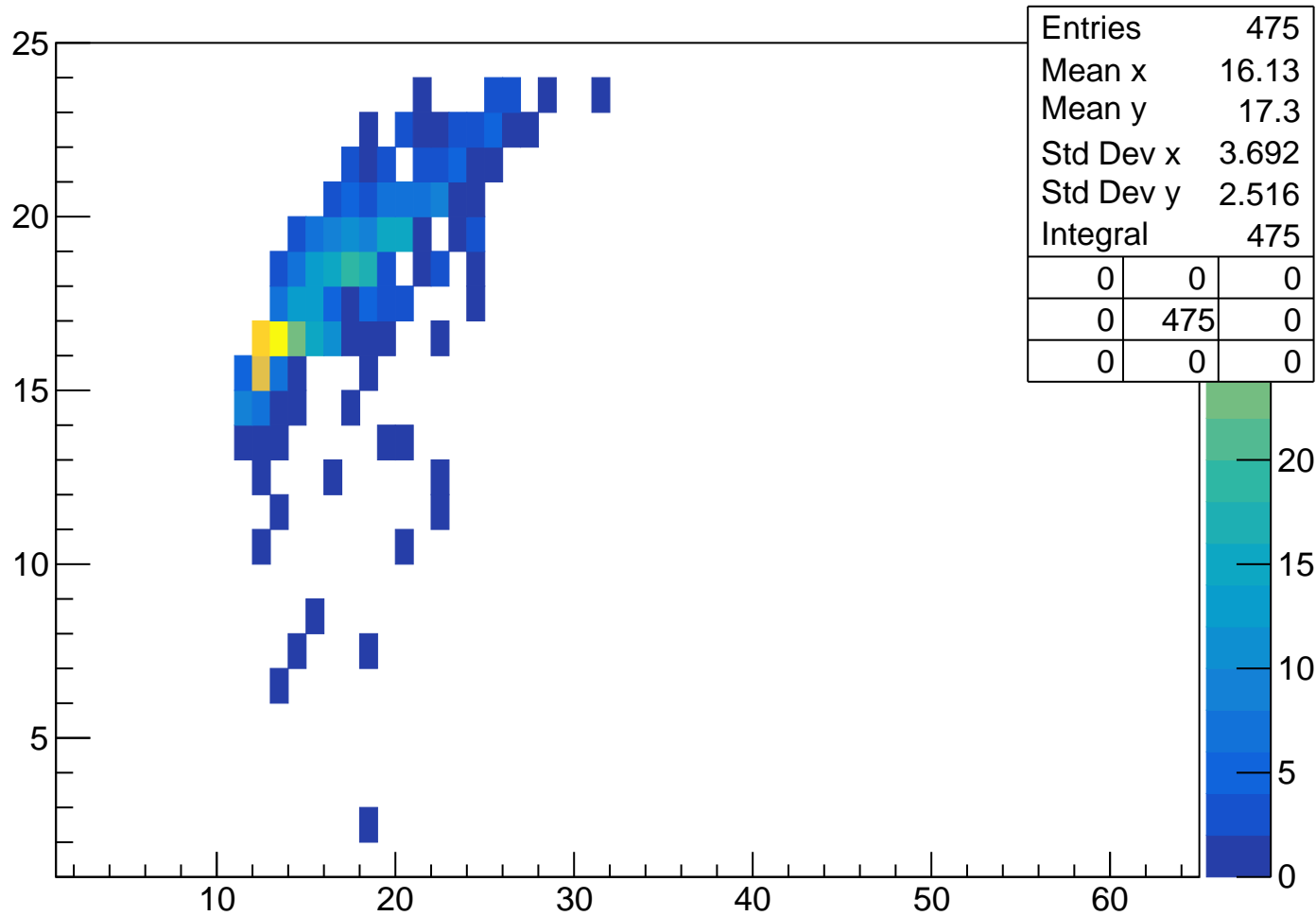
pKurama vs m2 Cut4 1.4<pKurama[0]<1.6



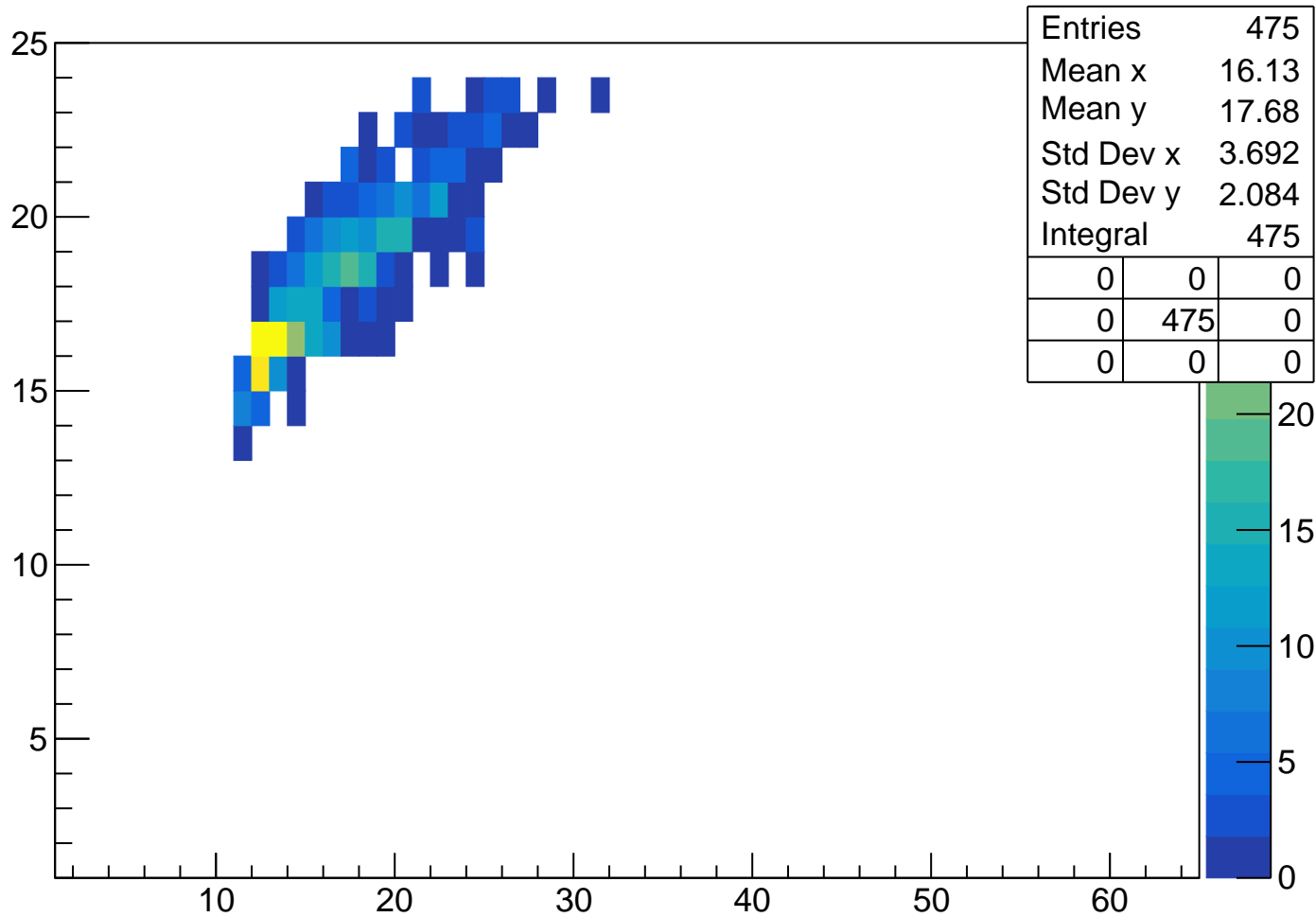
vpy[1] vs vpx[1] Cut4 1.4<pKurama[0]<1.6



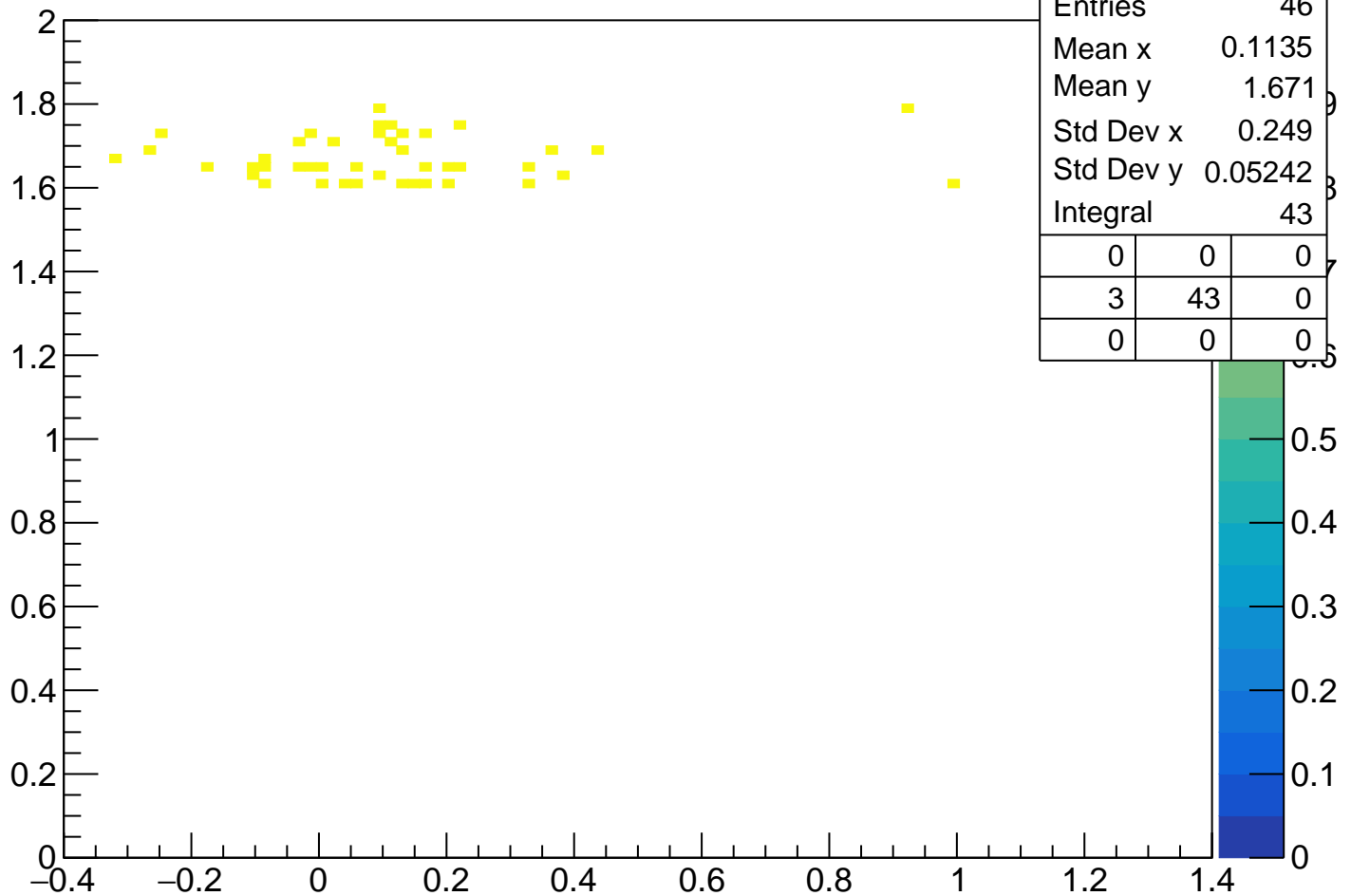
TofSeg[0] vs vpseg[1] Cut4 1.4<pKurama[0]<1.6



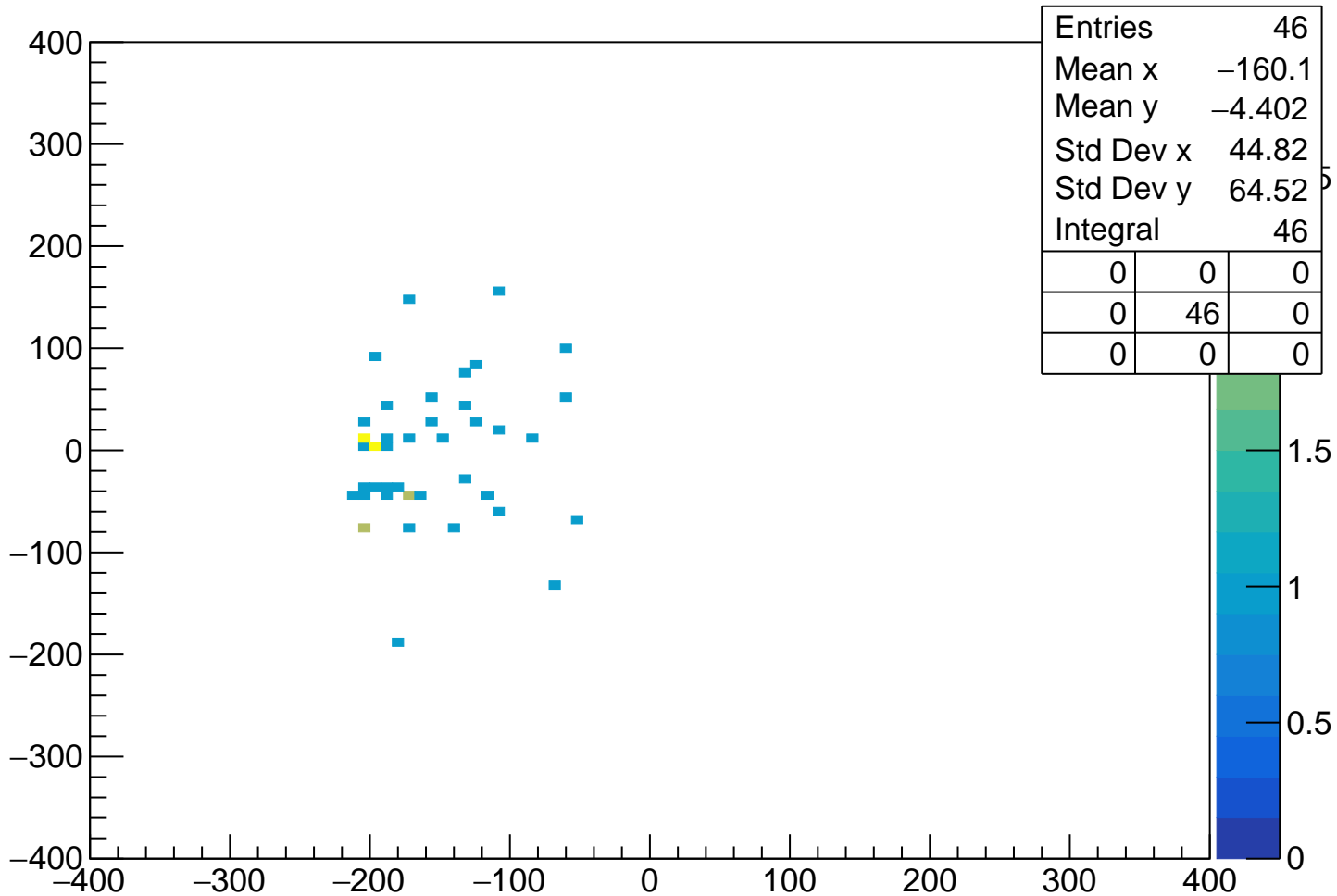
tofsegKurama[0] vs vpseg[1] Cut4 1.4<pKurama[0]<1.6



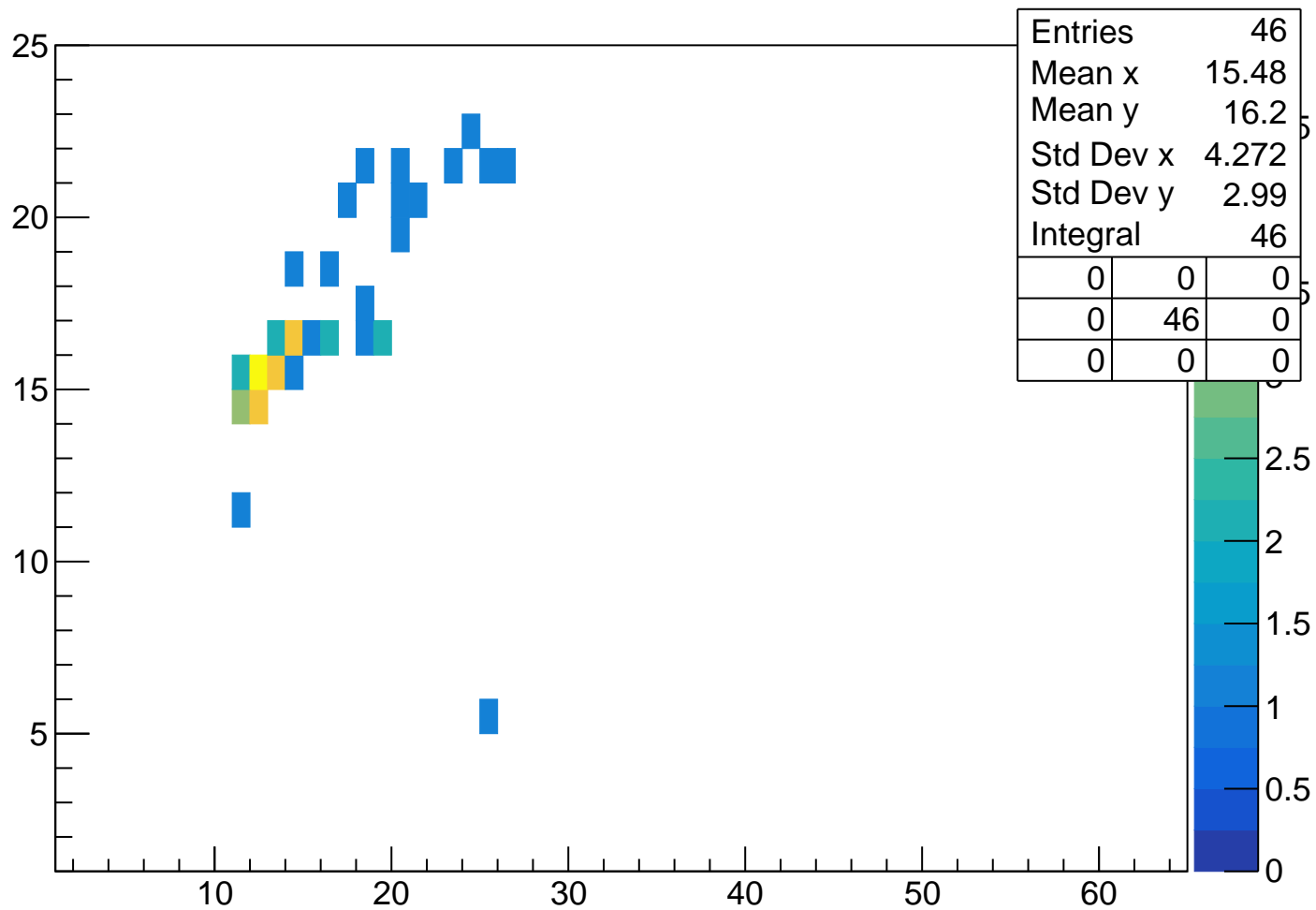
pKurama vs m2 Cut4 1.6<pKurama[0]<1.8



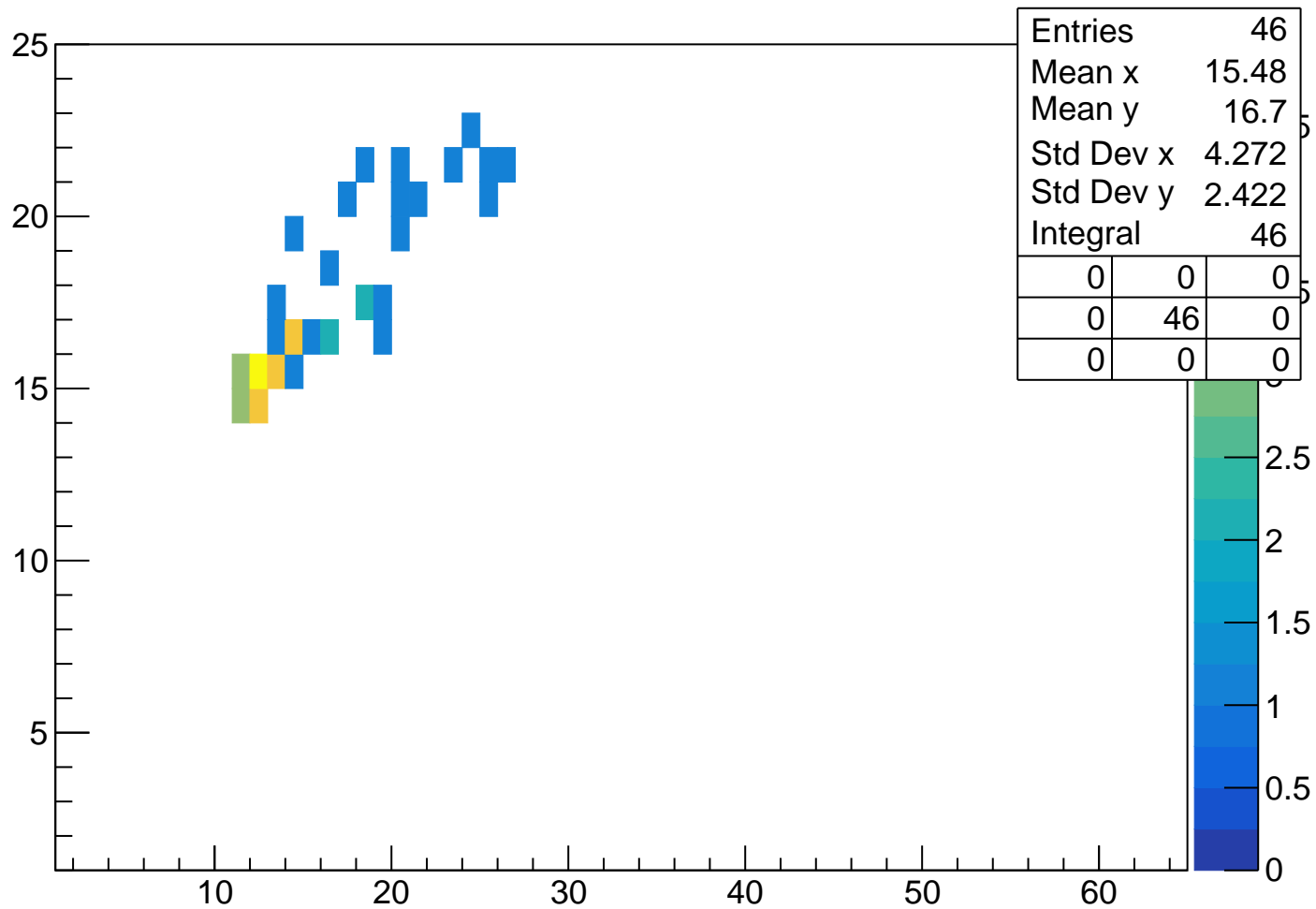
vpy[1] vs vpx[1] Cut4 1.6<pKurama[0]<1.8



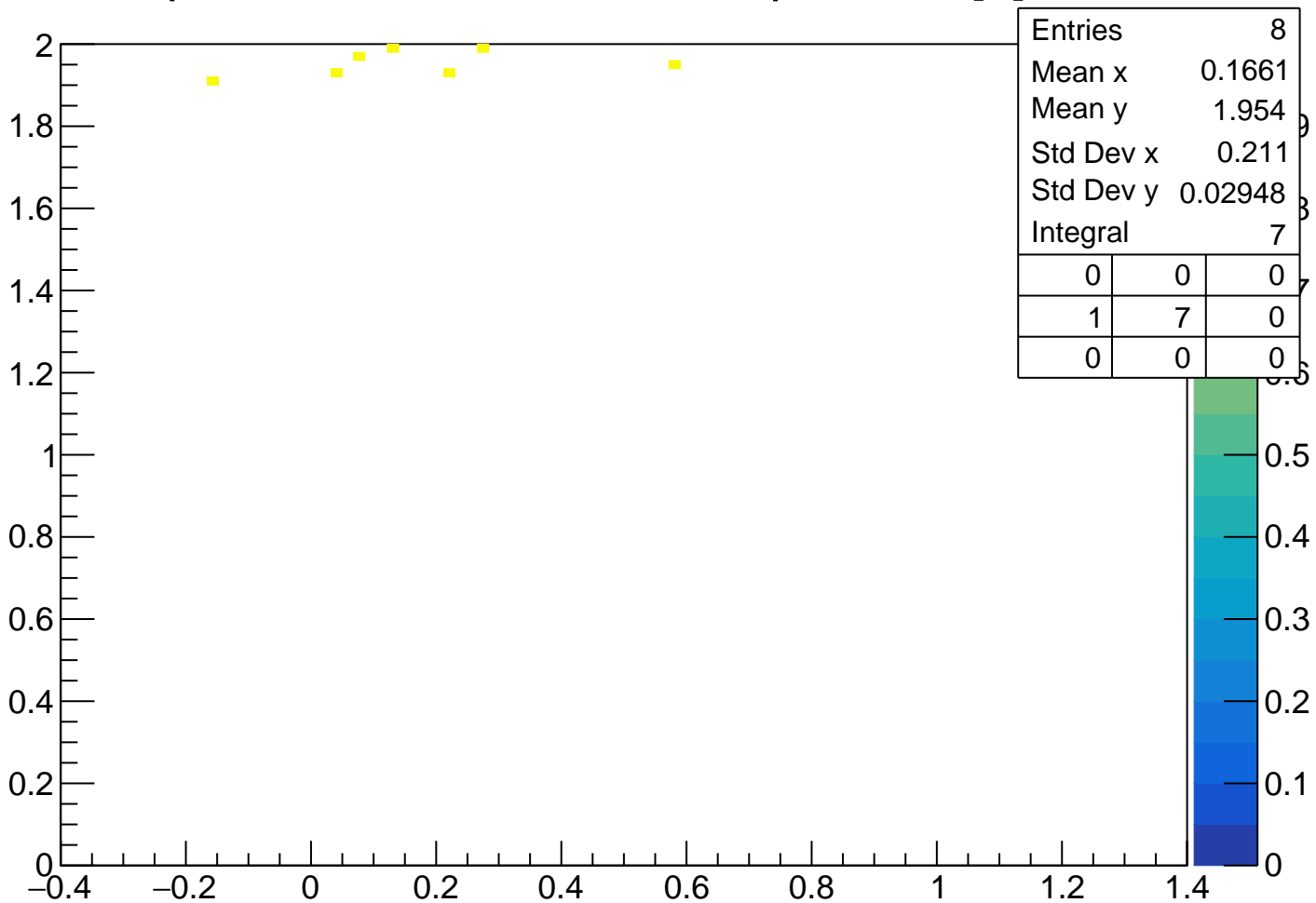
TofSeg[0] vs vpseg[1] Cut4 1.6<pKurama[0]<1.8



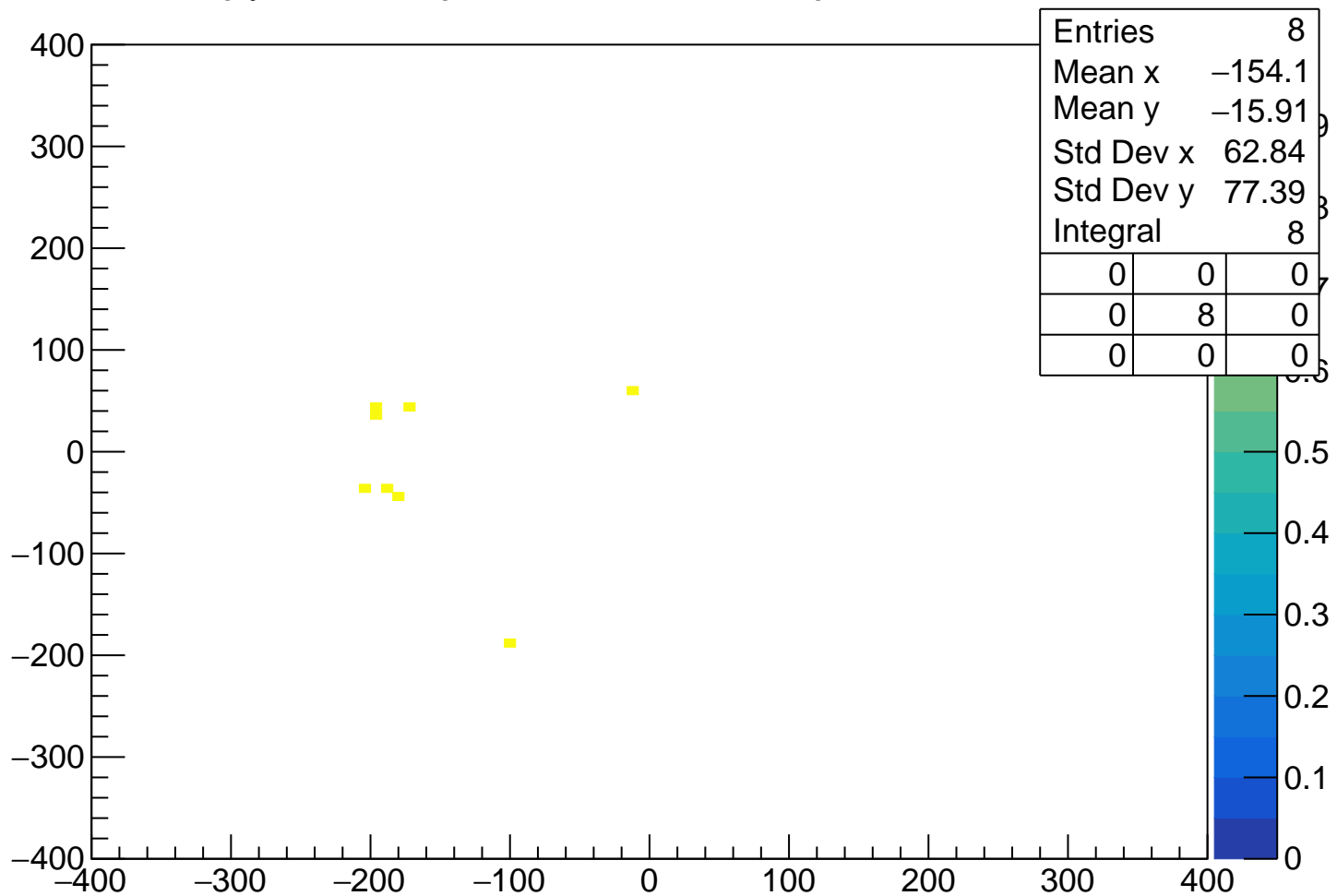
tofsegKurama[0] vs vpseg[1] Cut4 1.6<pKurama[0]<1.8



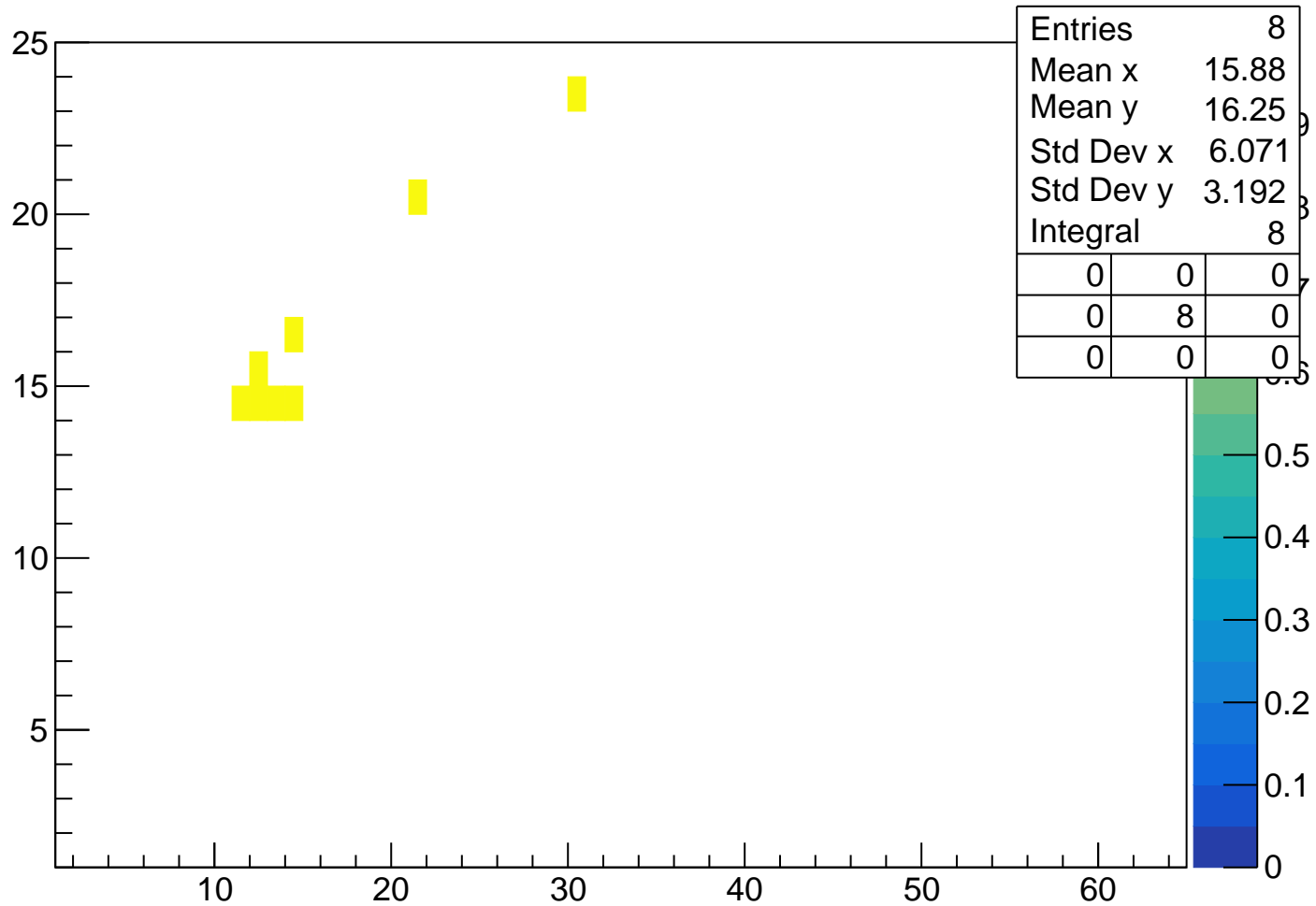
pKurama vs m2 Cut4 1.8<pKurama[0]<2



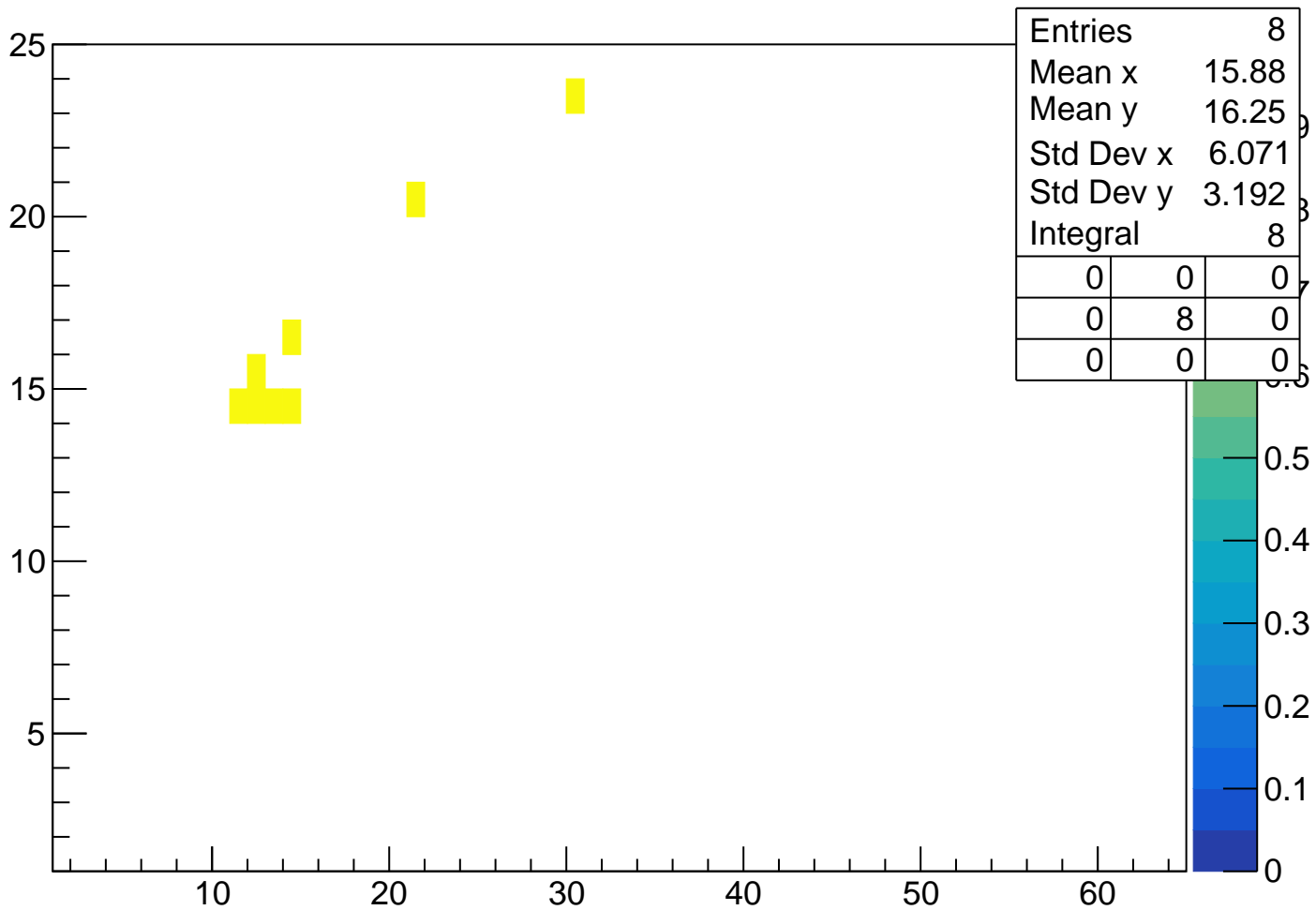
vpy[1] vs vpx[1] Cut4 1.8<pKurama[0]<2



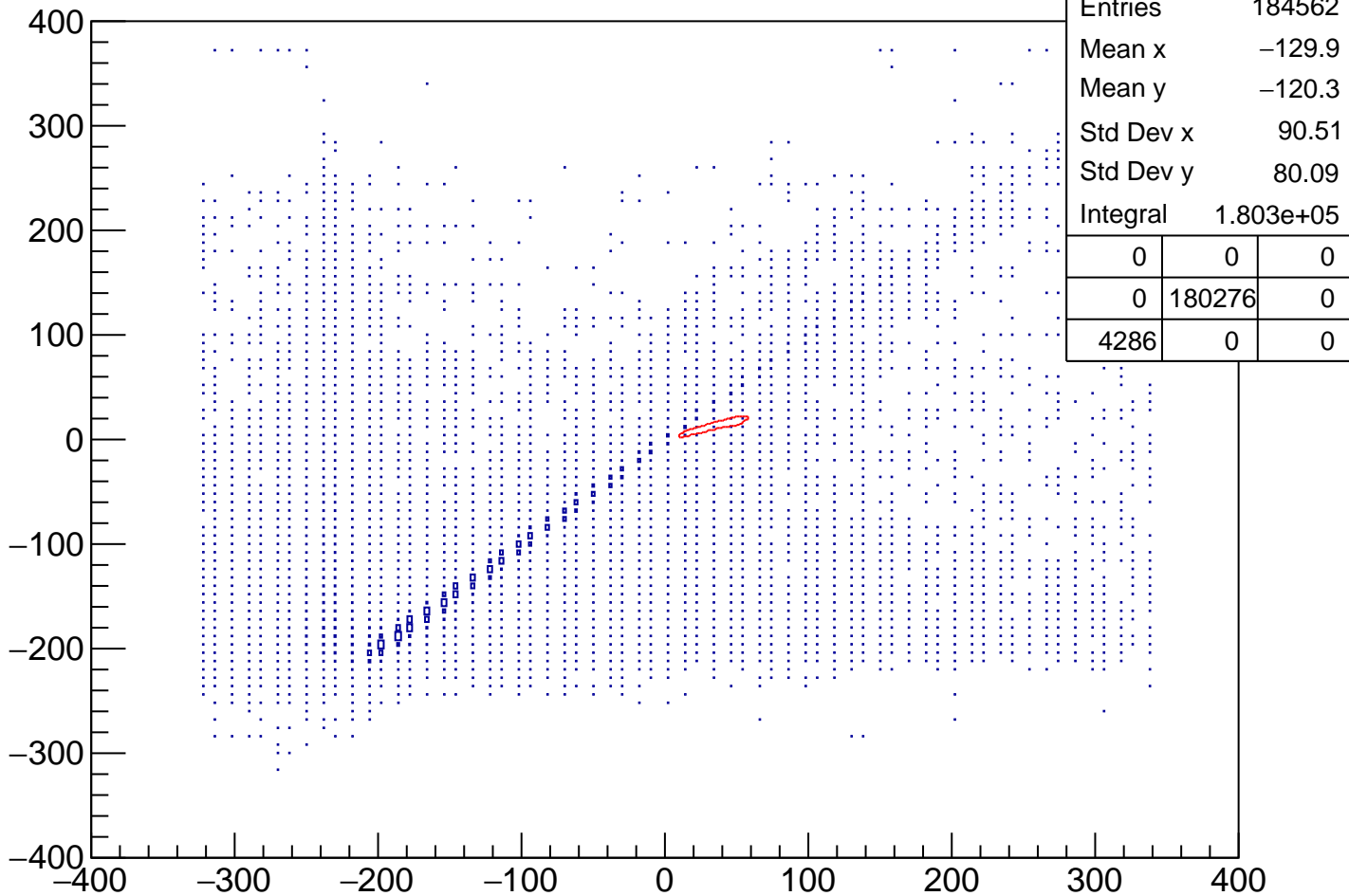
TofSeg[0] vs vpseg[1] Cut4 1.8<pKurama[0]<2



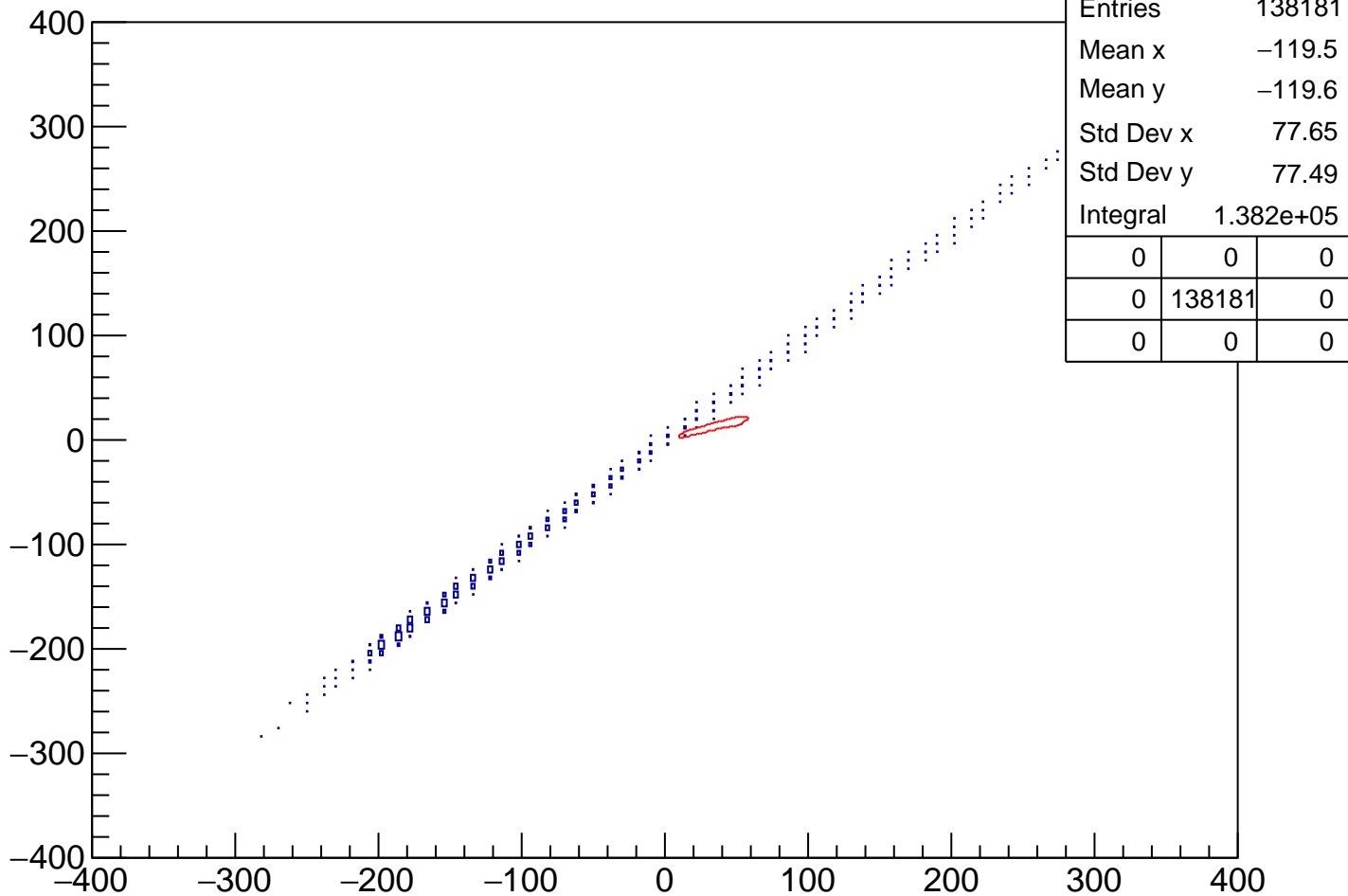
tofsegKurama[0] vs vpseg[1] Cut4 1.8<pKurama[0]<2



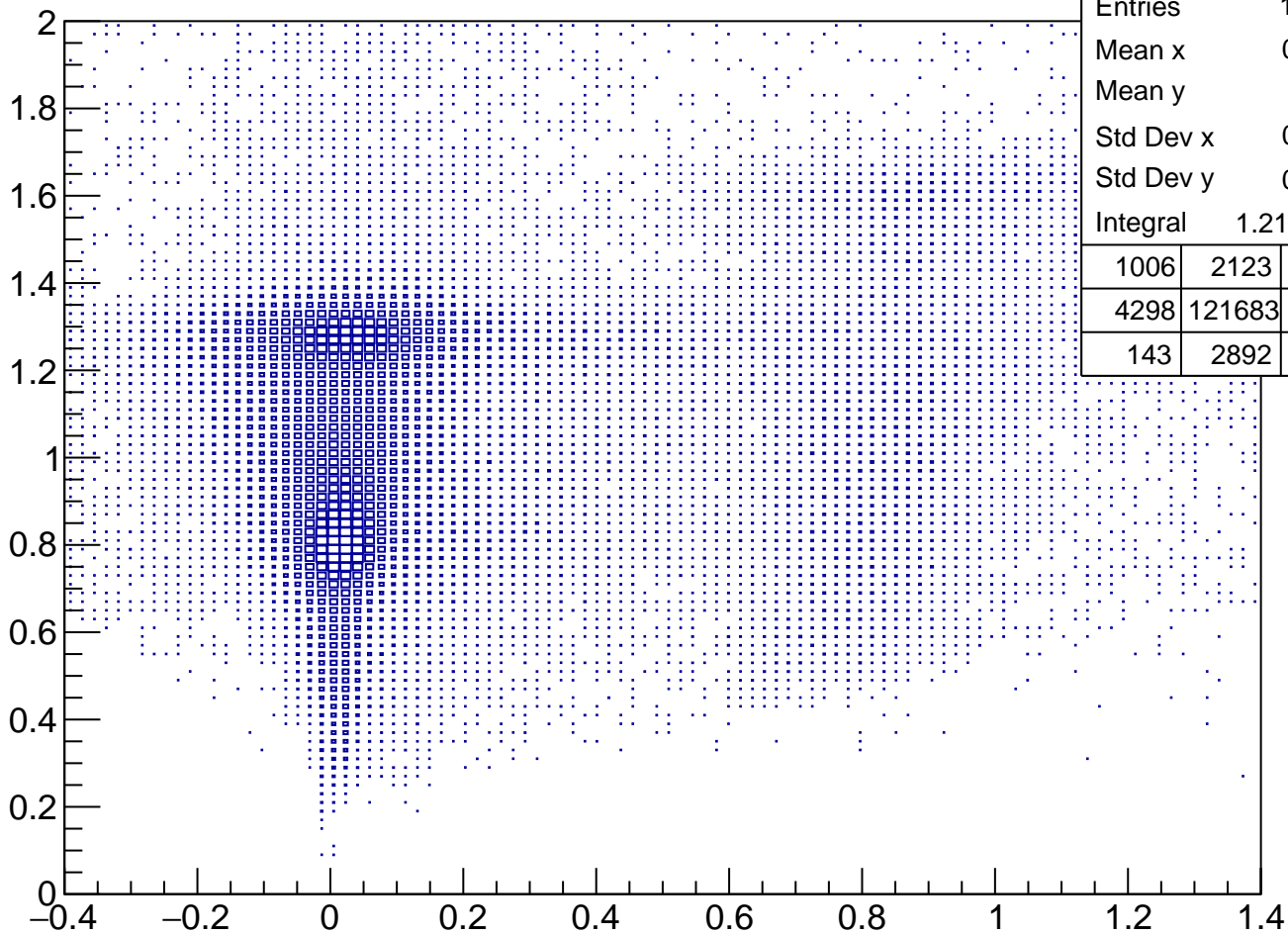
Sch Position by HitSegment % vpx[1]



Sch Position by HitSegment % vpx[1] Cut1

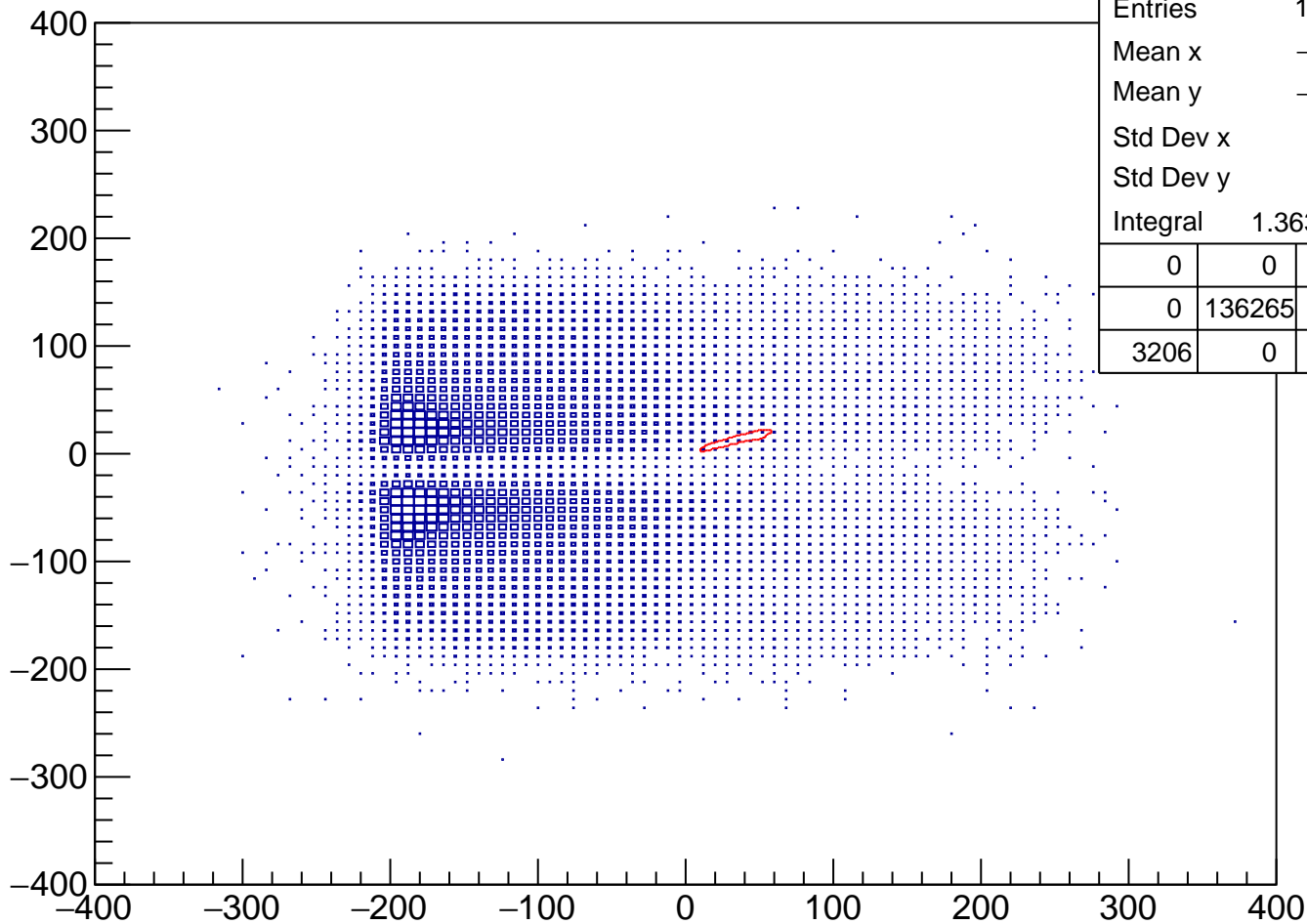


pKurama % m2



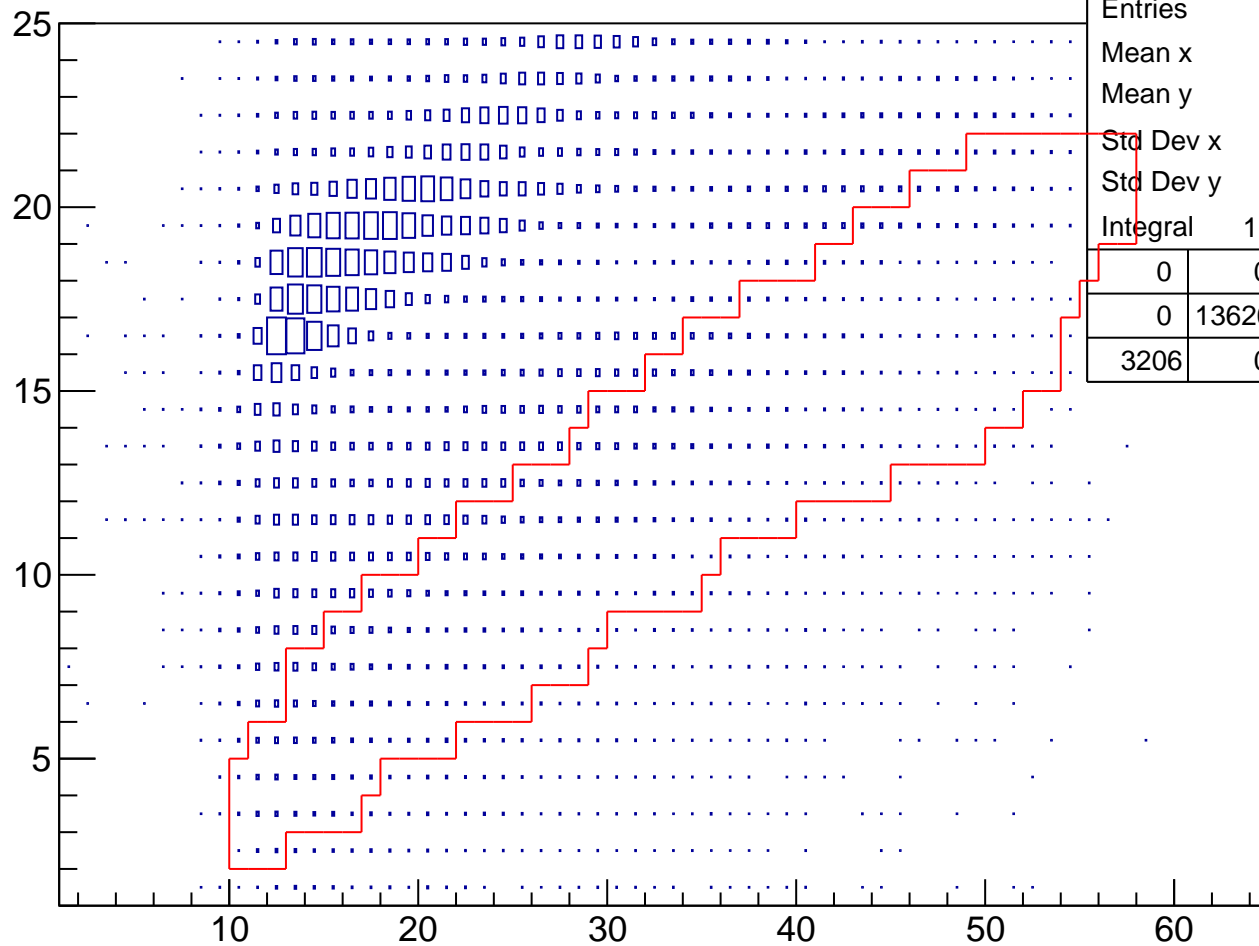
Entries	139471		
Mean x	0.1265		
Mean y	1.035		
Std Dev x	0.2887		
Std Dev y	0.2713		
Integral	1.217e+05		
1006	2123	2974	
4298	121683	4181	
143	2892	171	

vpy[1] % vpx[1]



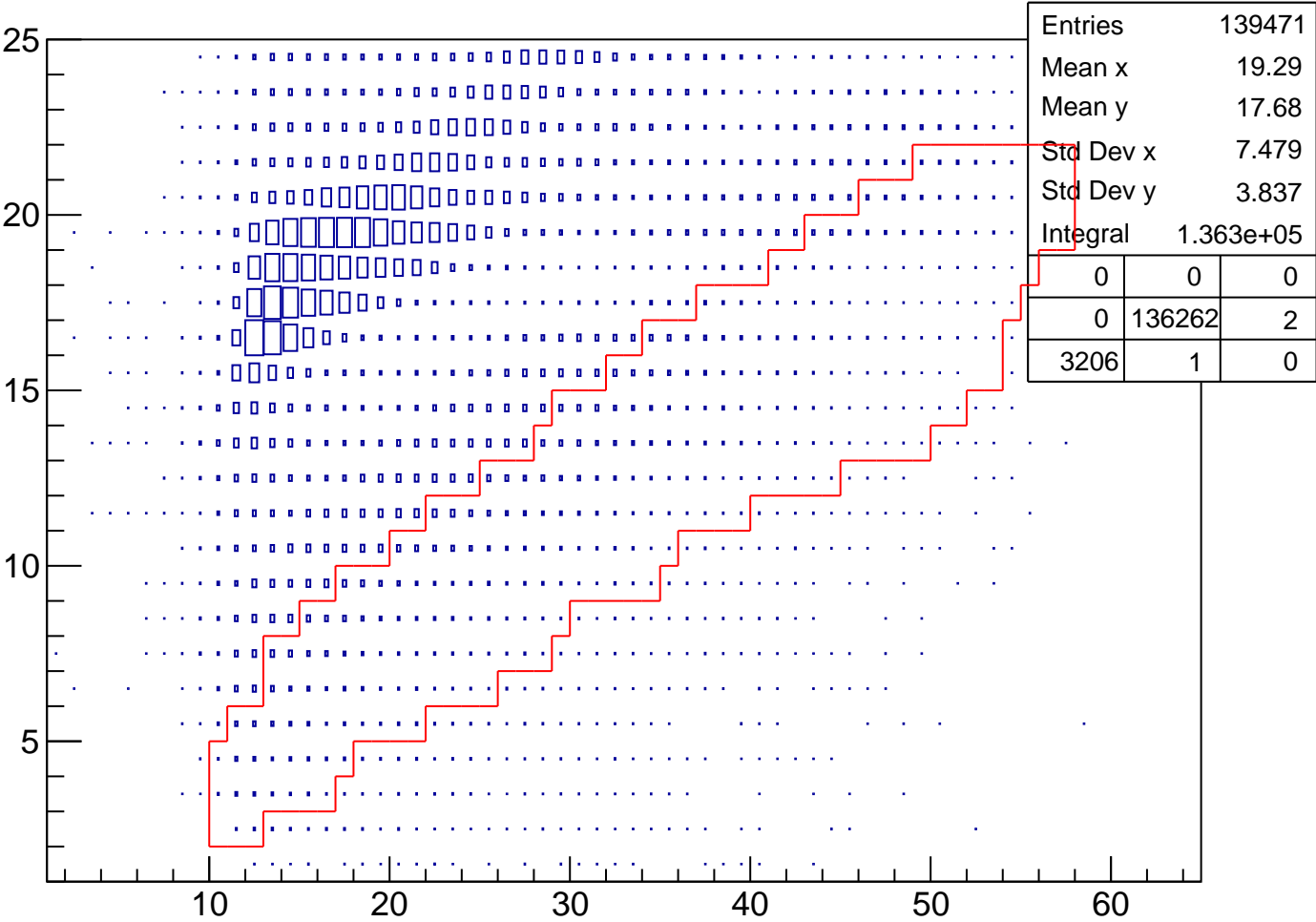
Entries	139471	
Mean x	-120.7	
Mean y	-16.05	
Std Dev x	78.5	
Std Dev y	73.07	
Integral	1.363e+05	
0	0	0
0	136265	0
3206	0	0

TofSeg[0] % vpseg[1]

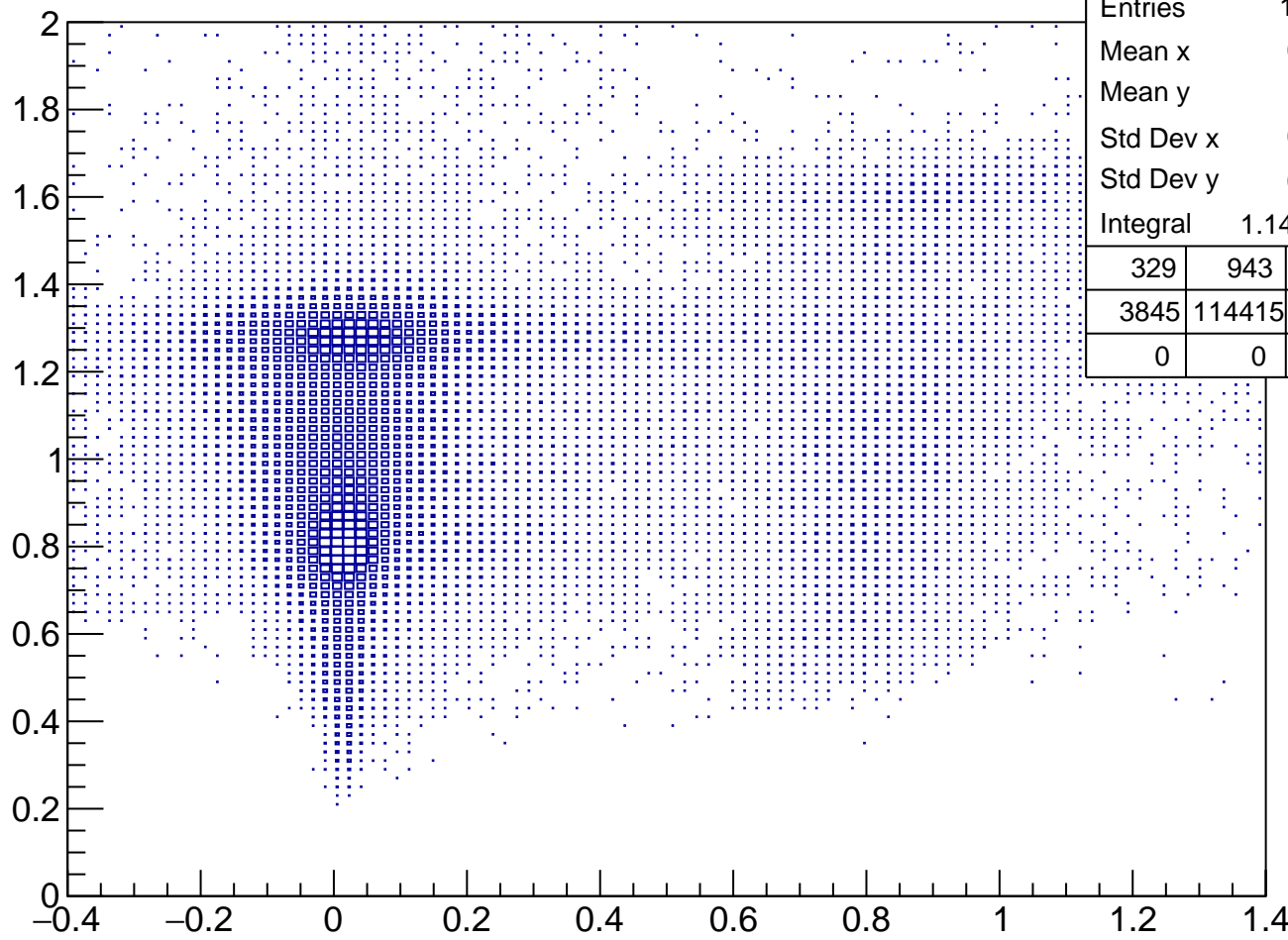


Entries	139471		
Mean x	19.29		
Mean y	17.15		
Std Dev x	7.479		
Std Dev y	4.131		
Integral	1.363e+05		
	0	0	0
	0	136263	2
	3206	0	0

tofsegKurama[0] % vpseg[1]

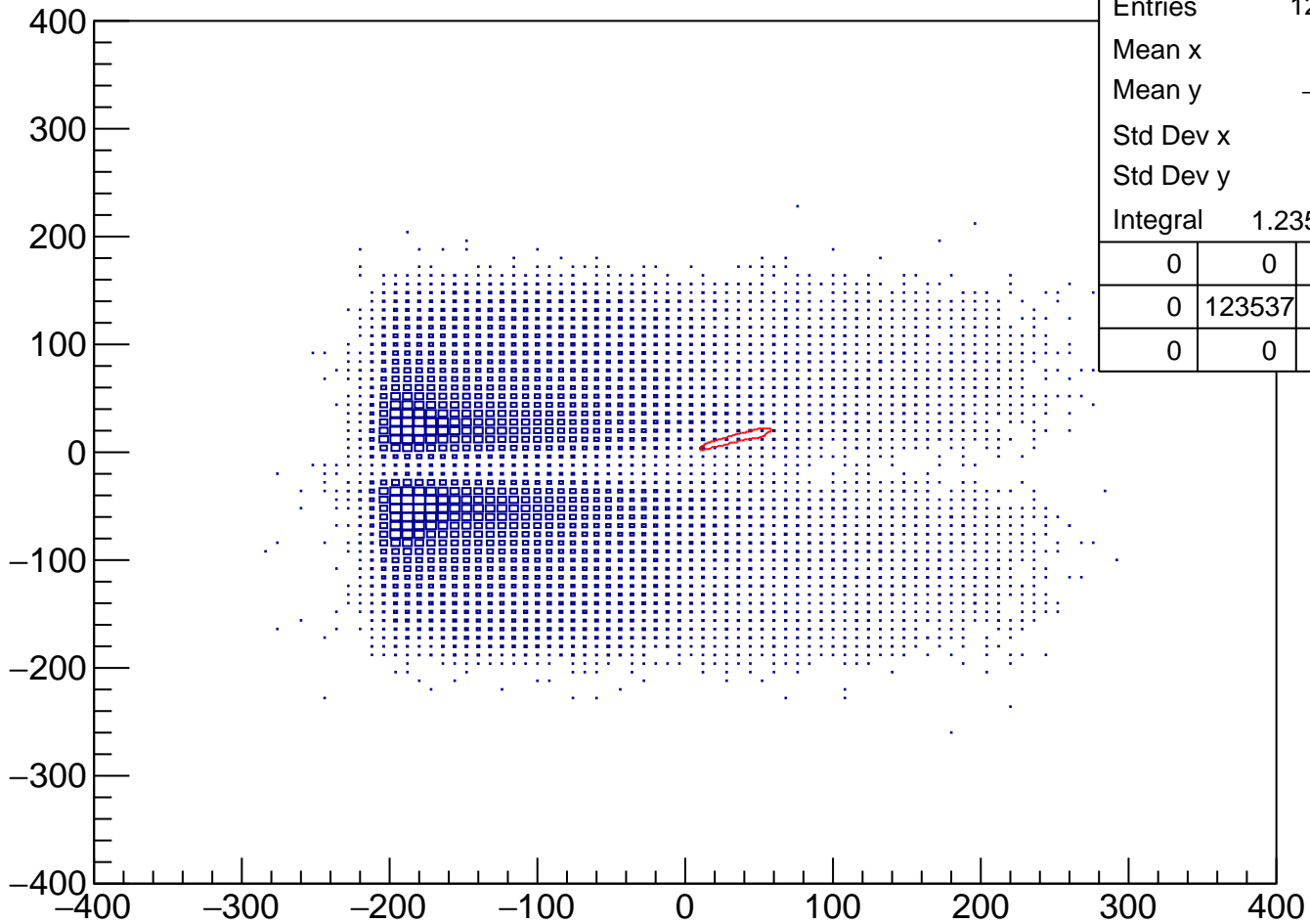


pKurama % m2 Cut1



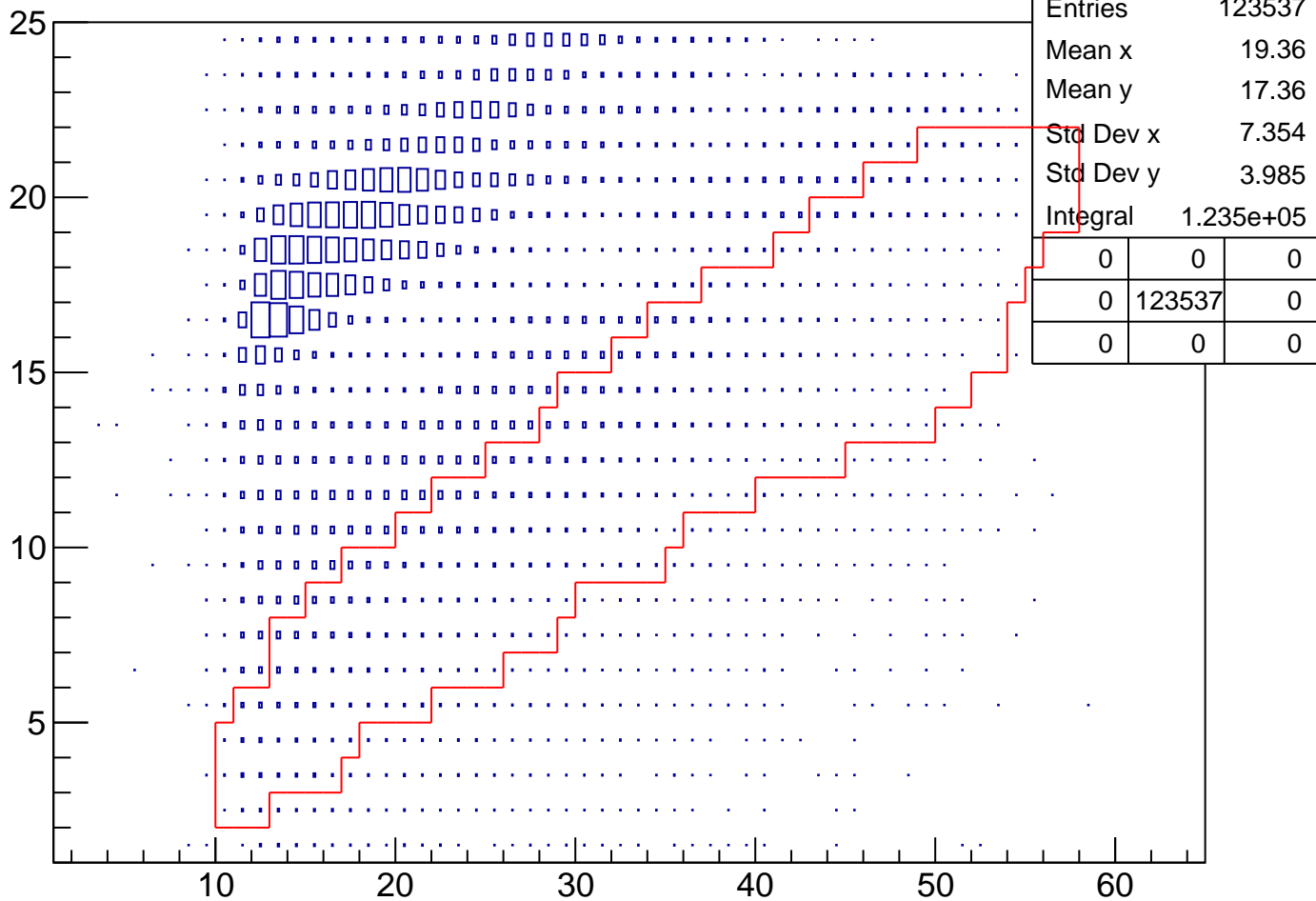
Entries	123537		
Mean x	0.1247		
Mean y	1.041		
Std Dev x	0.2875		
Std Dev y	0.2589		
Integral	1.144e+05		
	329	943	902
	3845	114415	3103
	0	0	0

vpy[1] % vpx[1] Cut1

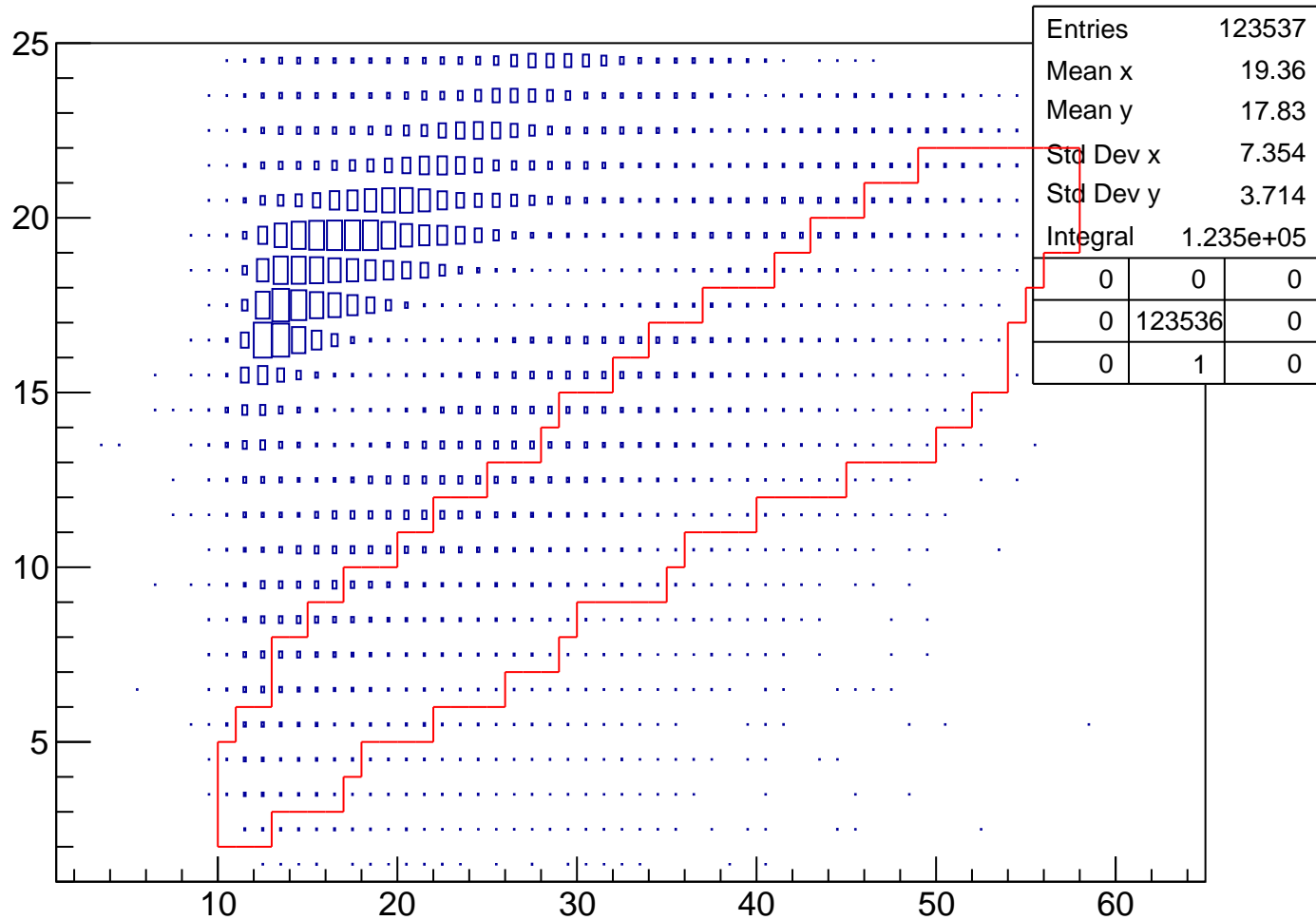


Entries	123537	
Mean x	-120	
Mean y	-16.21	
Std Dev x	77.17	
Std Dev y	73.41	
Integral	1.235e+05	
0	0	0
0	123537	0
0	0	0

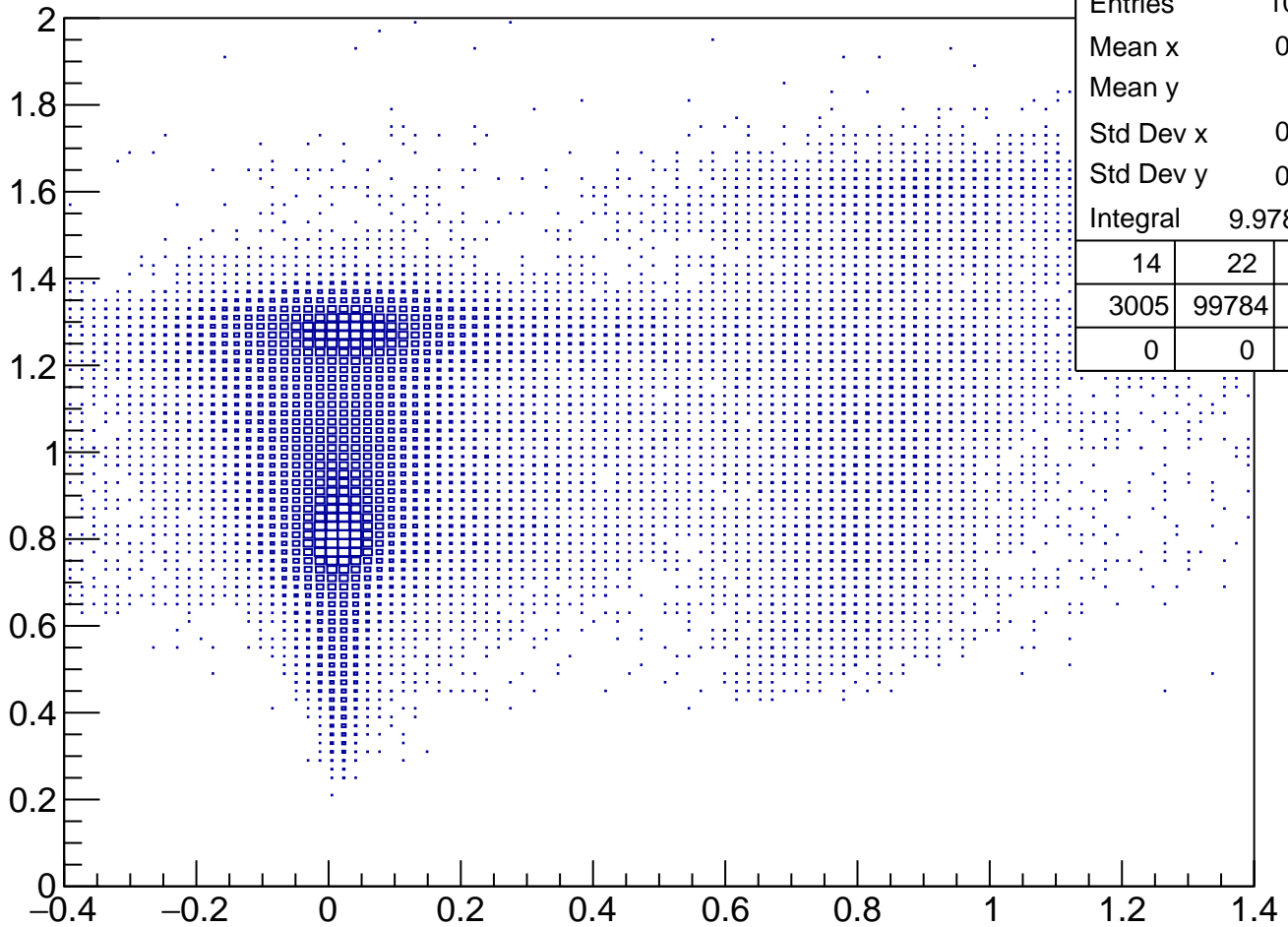
TofSeg[0] % vpseg[1] Cut1



tofsegKurama[0] % vpseg[1] Cut1

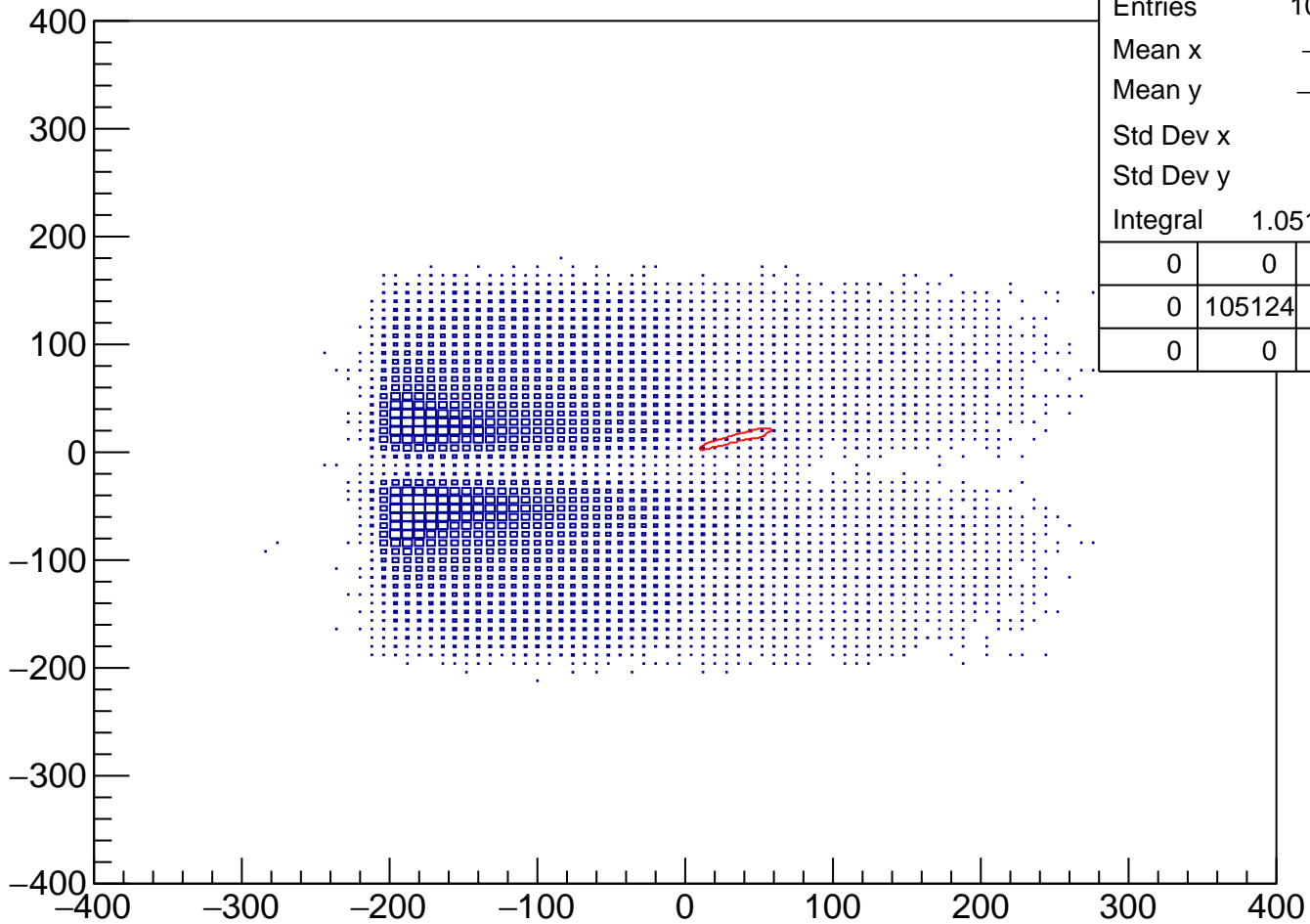


pKurama % m2 Cut2



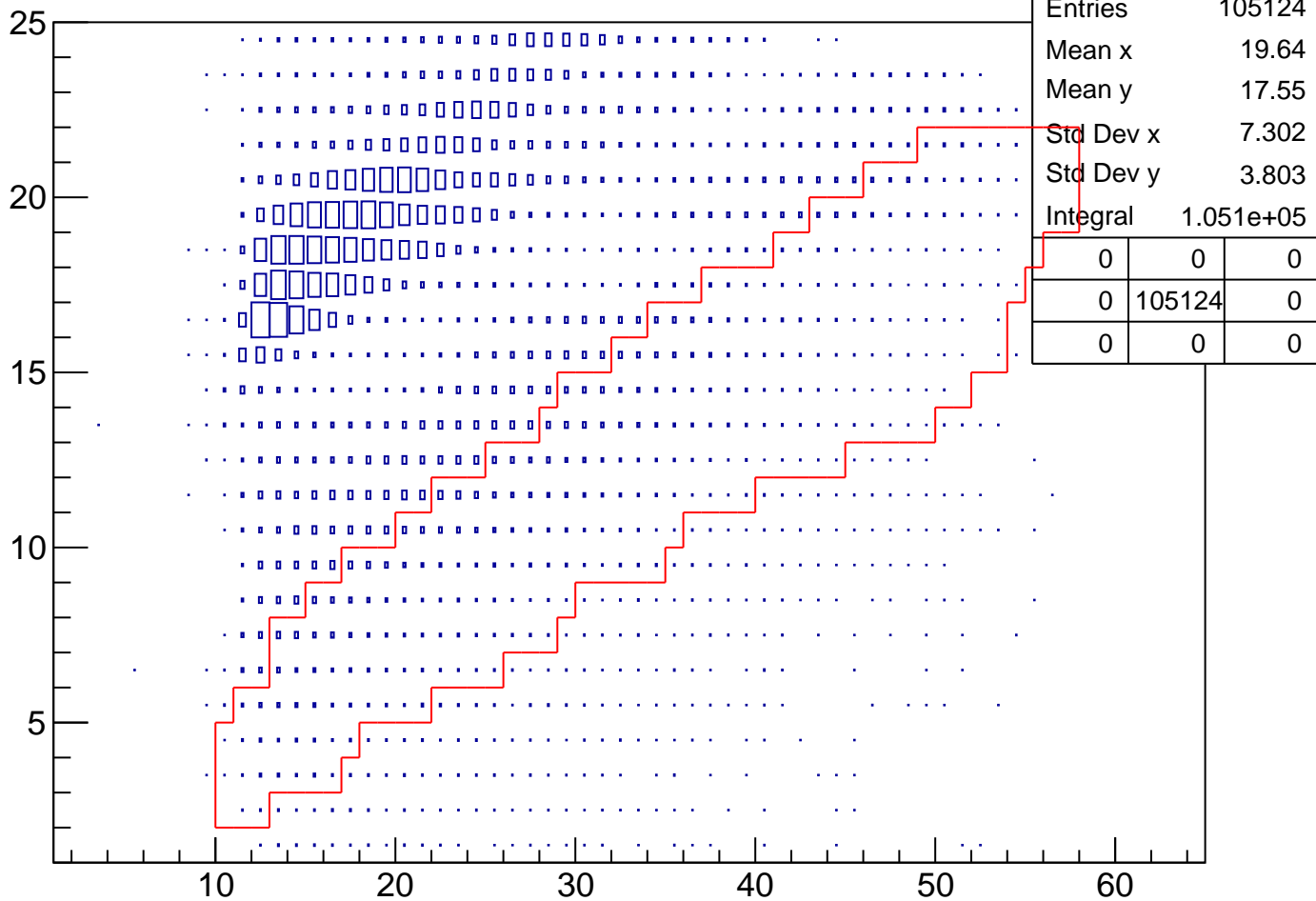
Entries	105124	
Mean x	0.1239	
Mean y	1.044	
Std Dev x	0.2882	
Std Dev y	0.2467	
Integral	9.978e+04	
14	22	19
3005	99784	2280
0	0	0

vpy[1] % vpx[1] Cut2

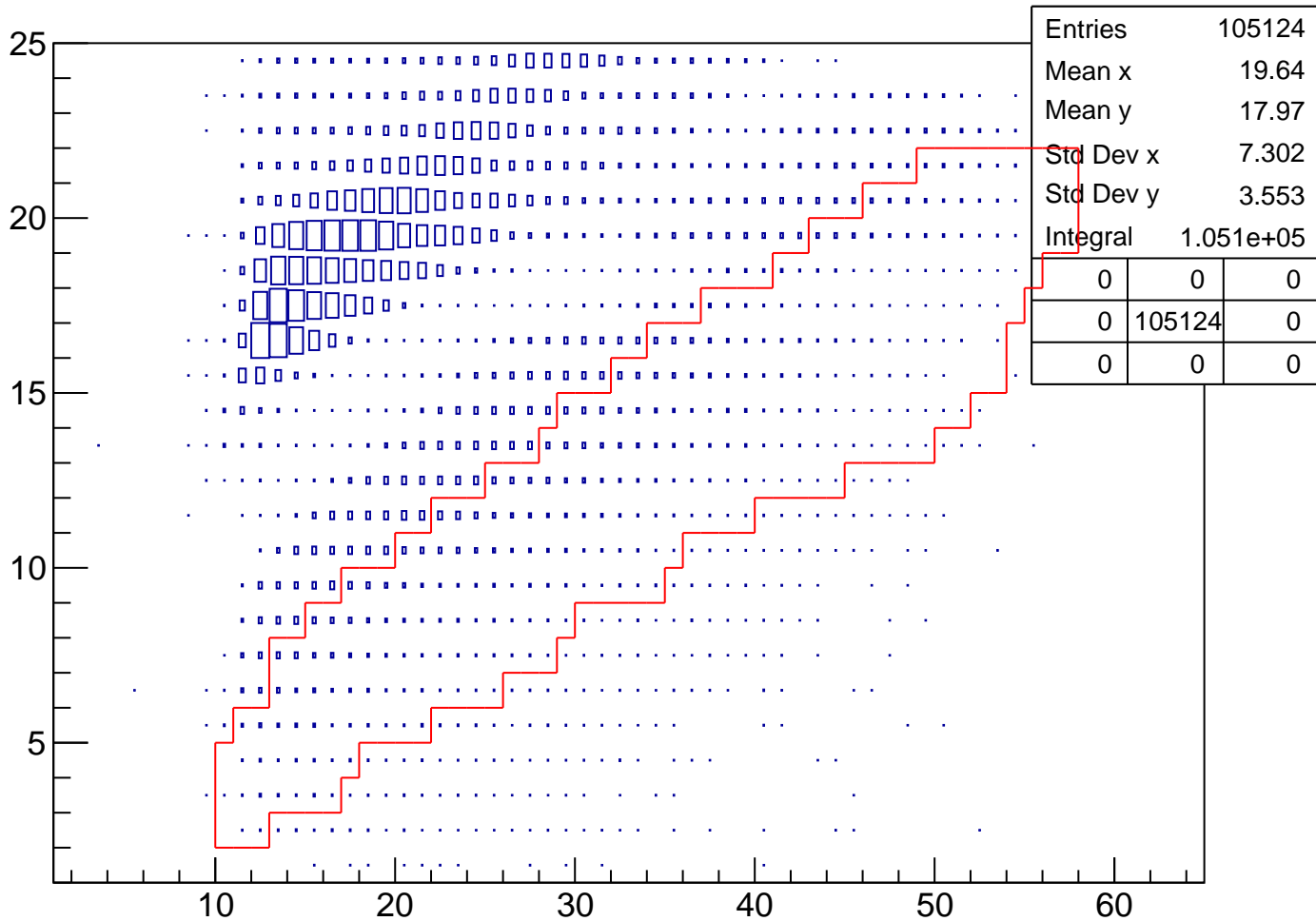


Entries	105124	
Mean x	-117.1	
Mean y	-16.24	
Std Dev x	76.61	
Std Dev y	73.61	
Integral	1.051e+05	
0	0	0
0	105124	0
0	0	0

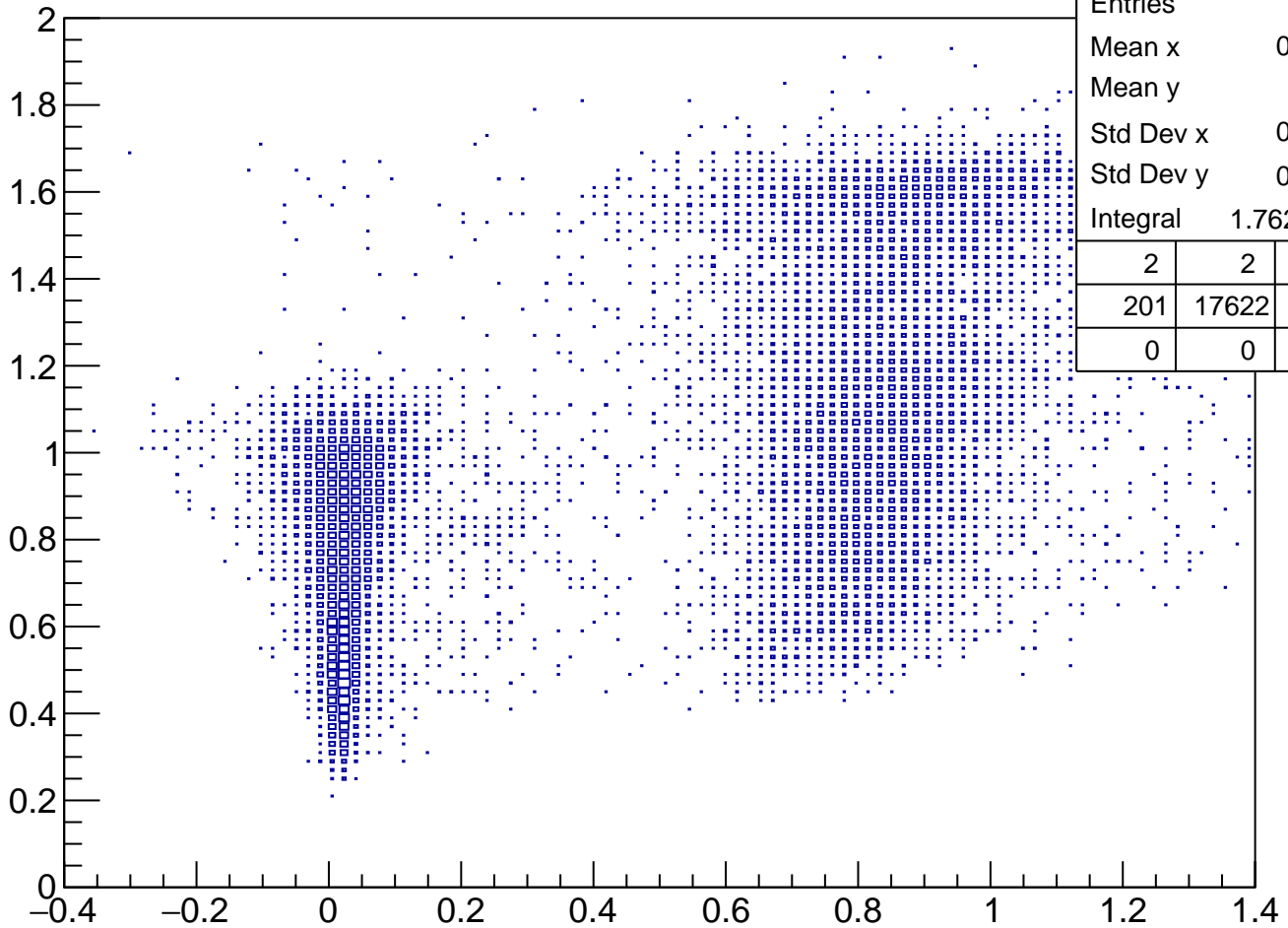
TofSeg[0] % vpseg[1] Cut2



tofsegKurama[0] % vpseg[1] Cut2

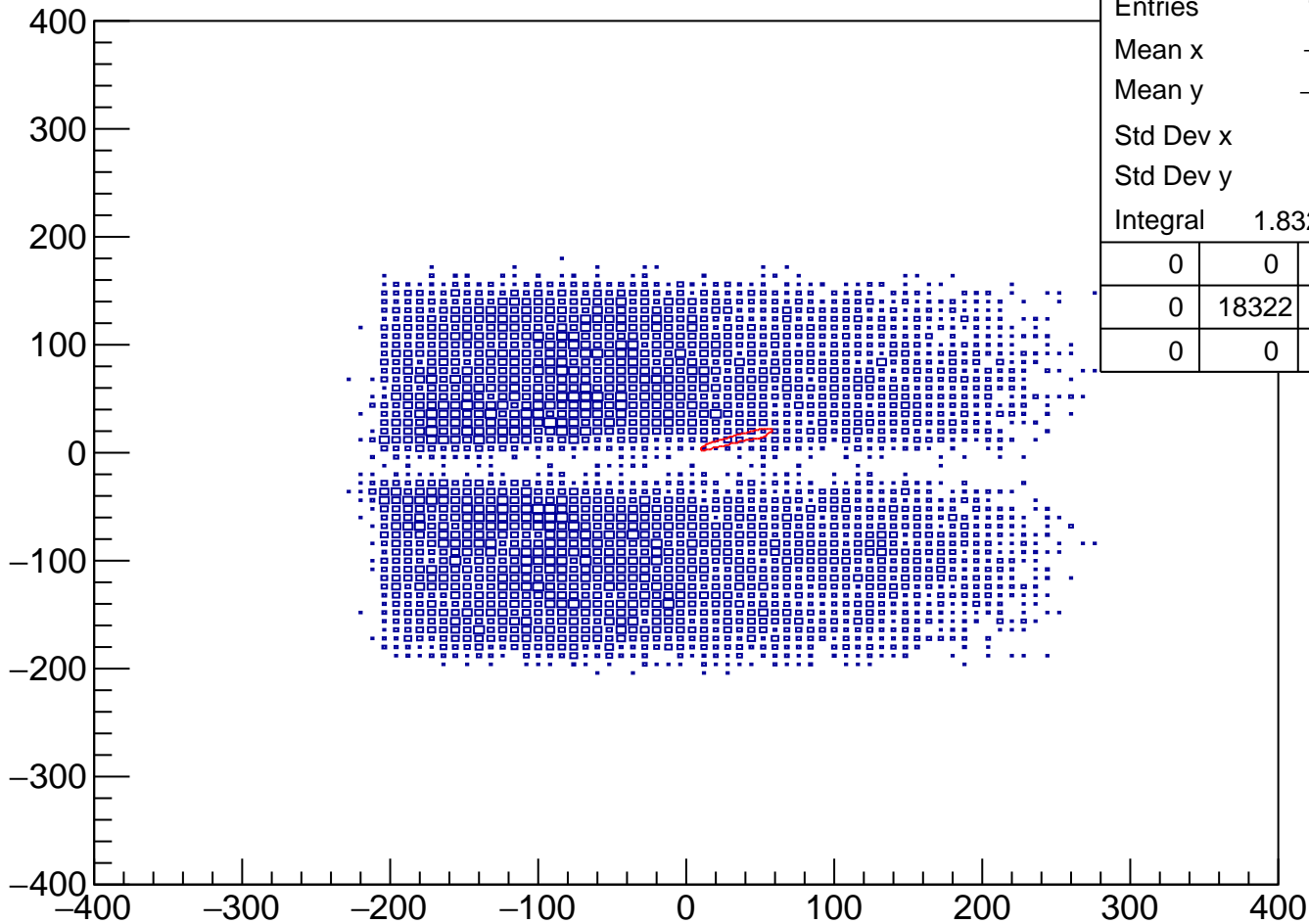


pKurama % m2 Cut3



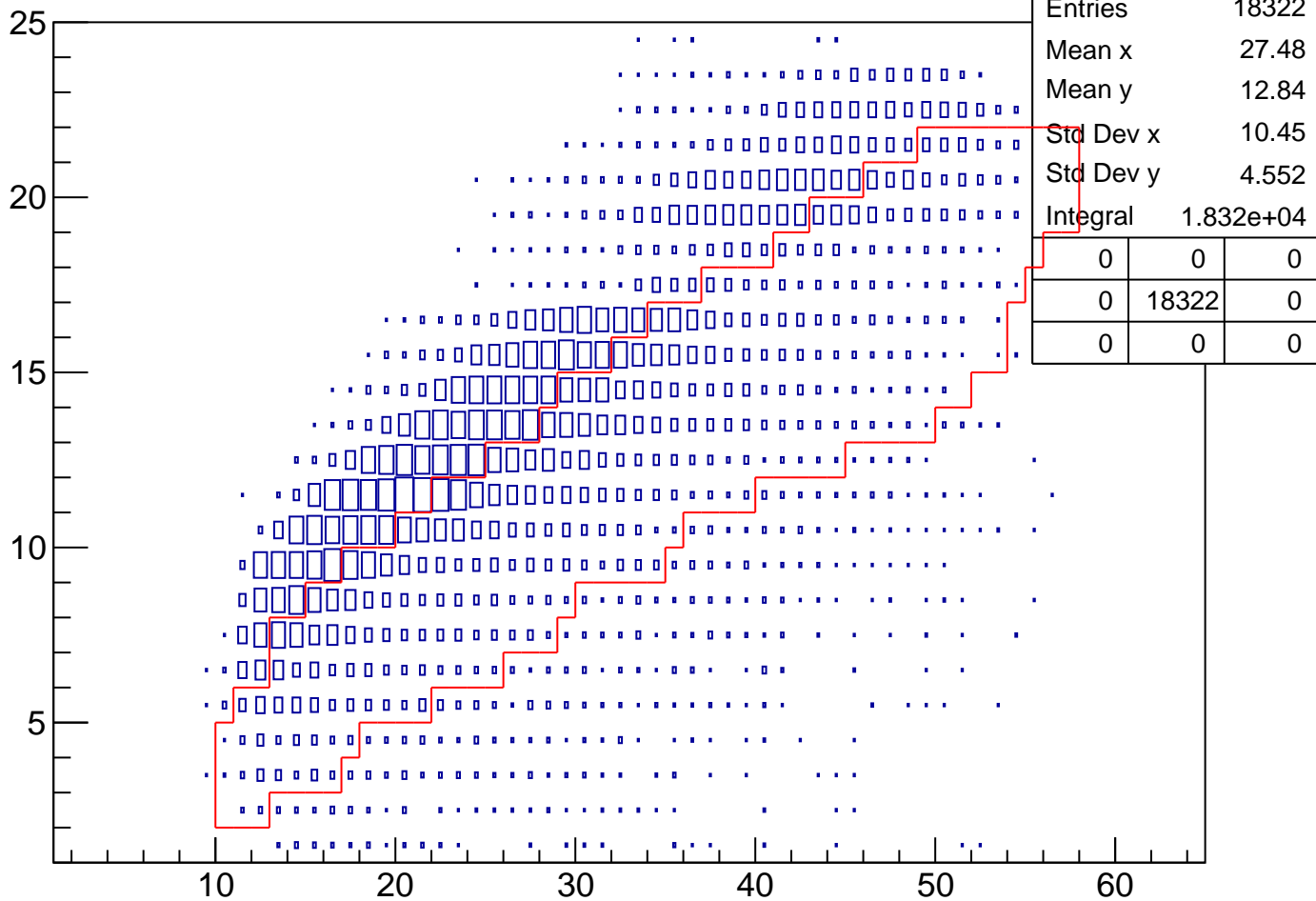
Entries	18322	
Mean x	0.5098	
Mean y	1.001	
Std Dev x	0.4182	
Std Dev y	0.3533	
Integral	1.762e+04	
	2	9
	201	486
	0	0

vpy[1] % vpx[1] Cut3

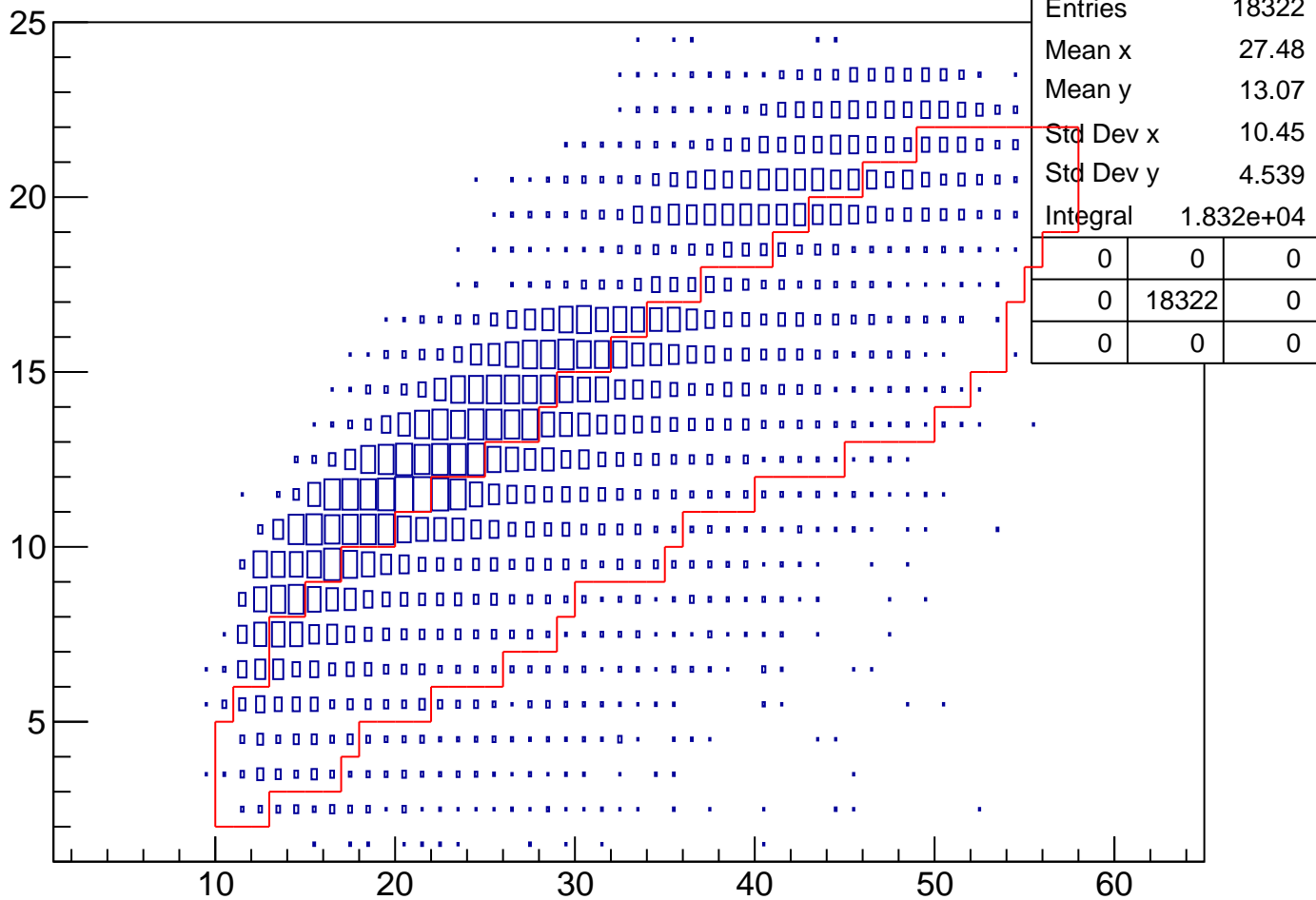


Entries	18322		
Mean x	-34.71		
Mean y	-15.29		
Std Dev x	109.6		
Std Dev y	97.68		
Integral	1.832e+04		
	0	0	0
	0	18322	0
	0	0	0

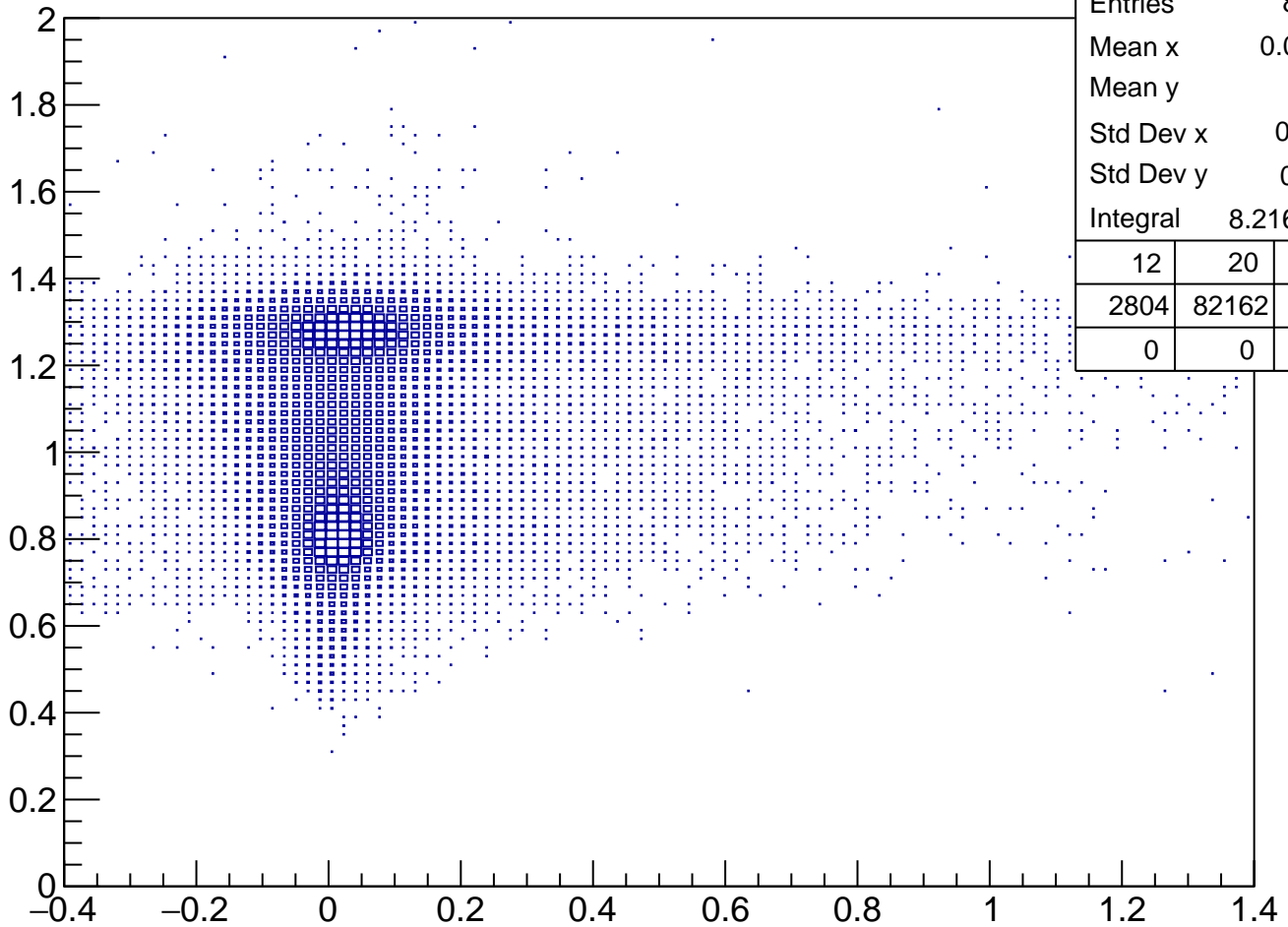
TofSeg[0] % vpseg[1] Cut3



tofsegKurama[0] % vpseg[1] Cut3

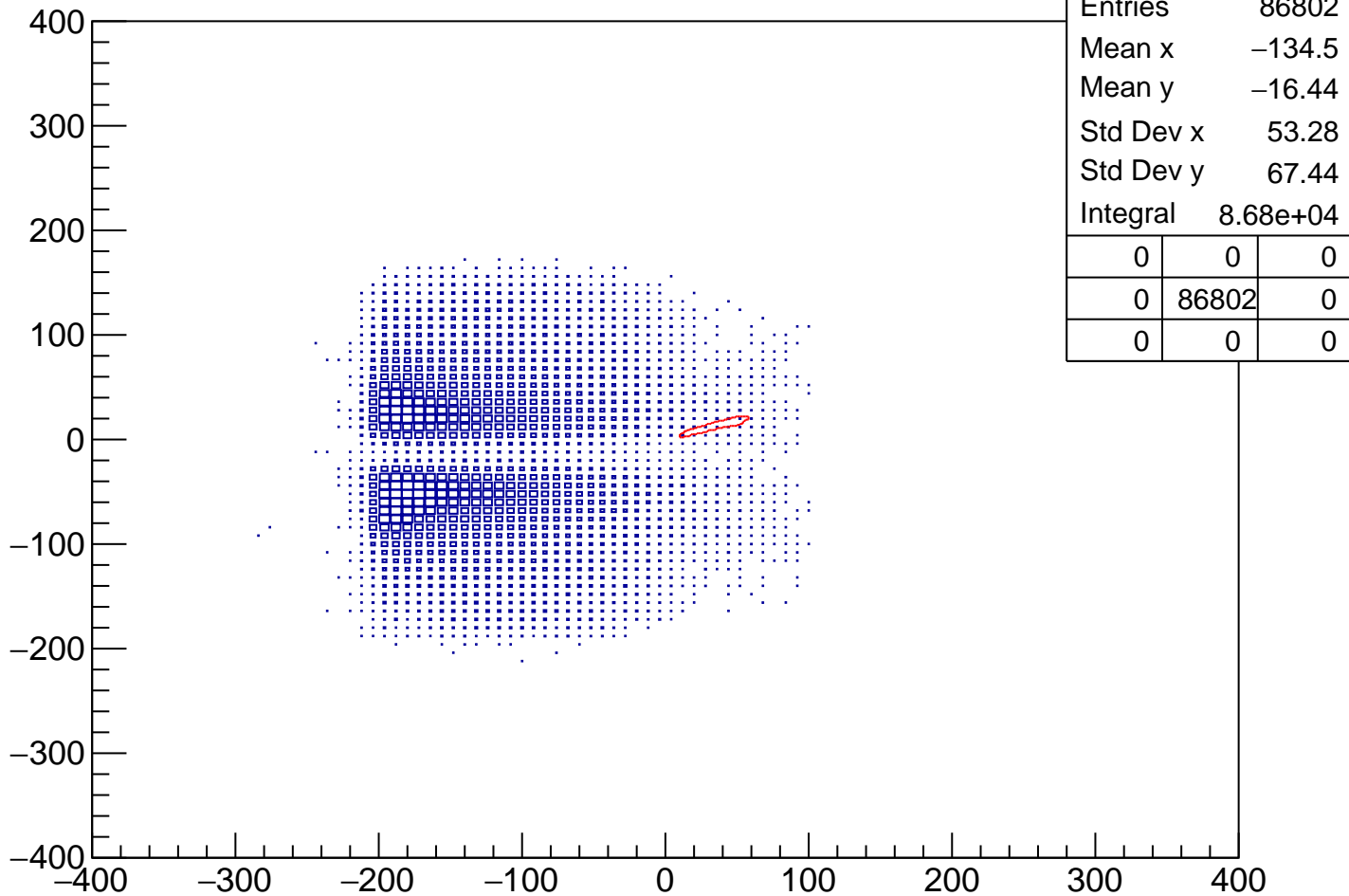


pKurama % m2 Cut4

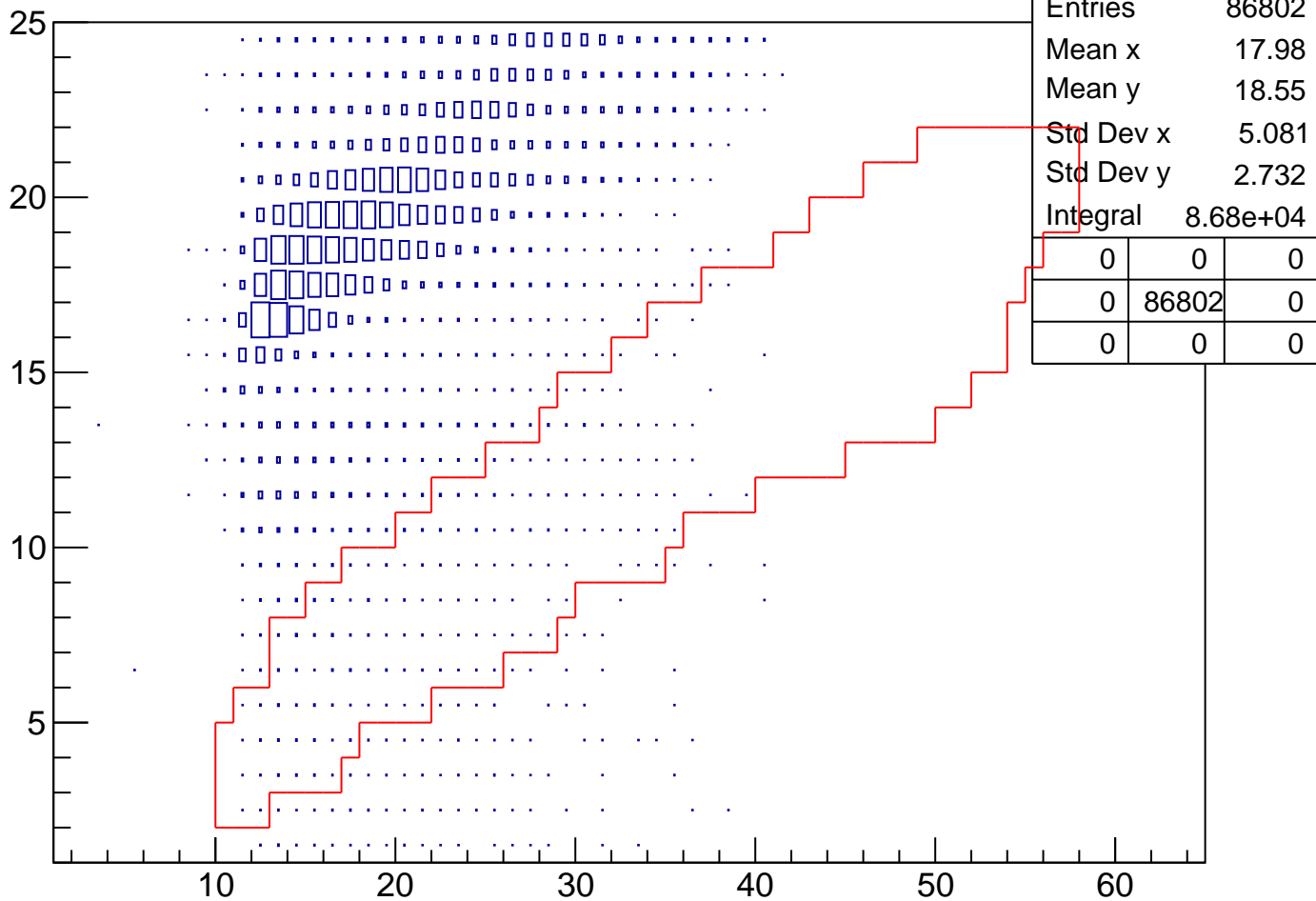


Entries	86802	
Mean x	0.04112	
Mean y	1.053	
Std Dev x	0.1569	
Std Dev y	0.2161	
Integral	8.216e+04	
12	20	10
2804	82162	1794
0	0	0

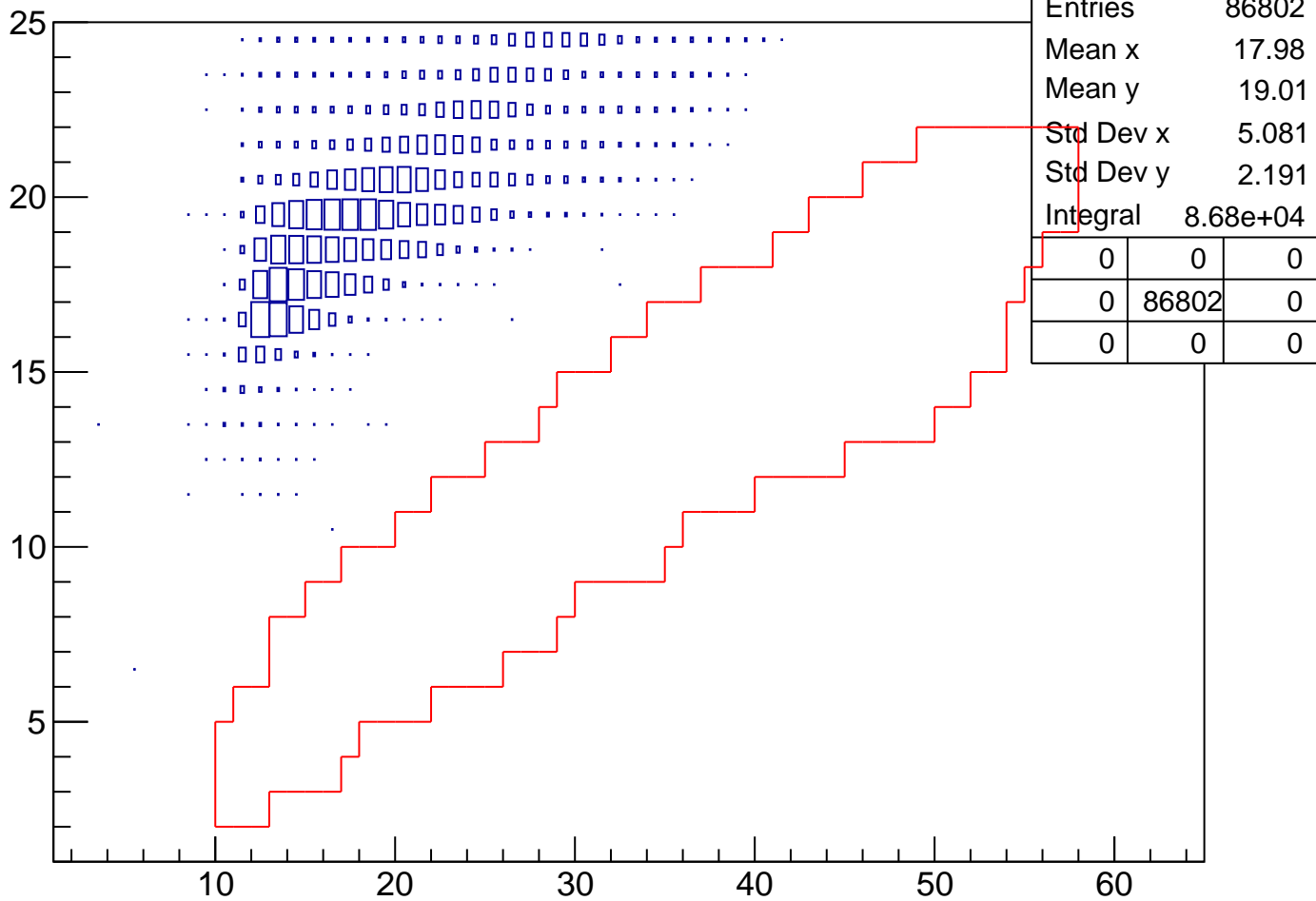
vpy[1] % vpx[1] Cut4



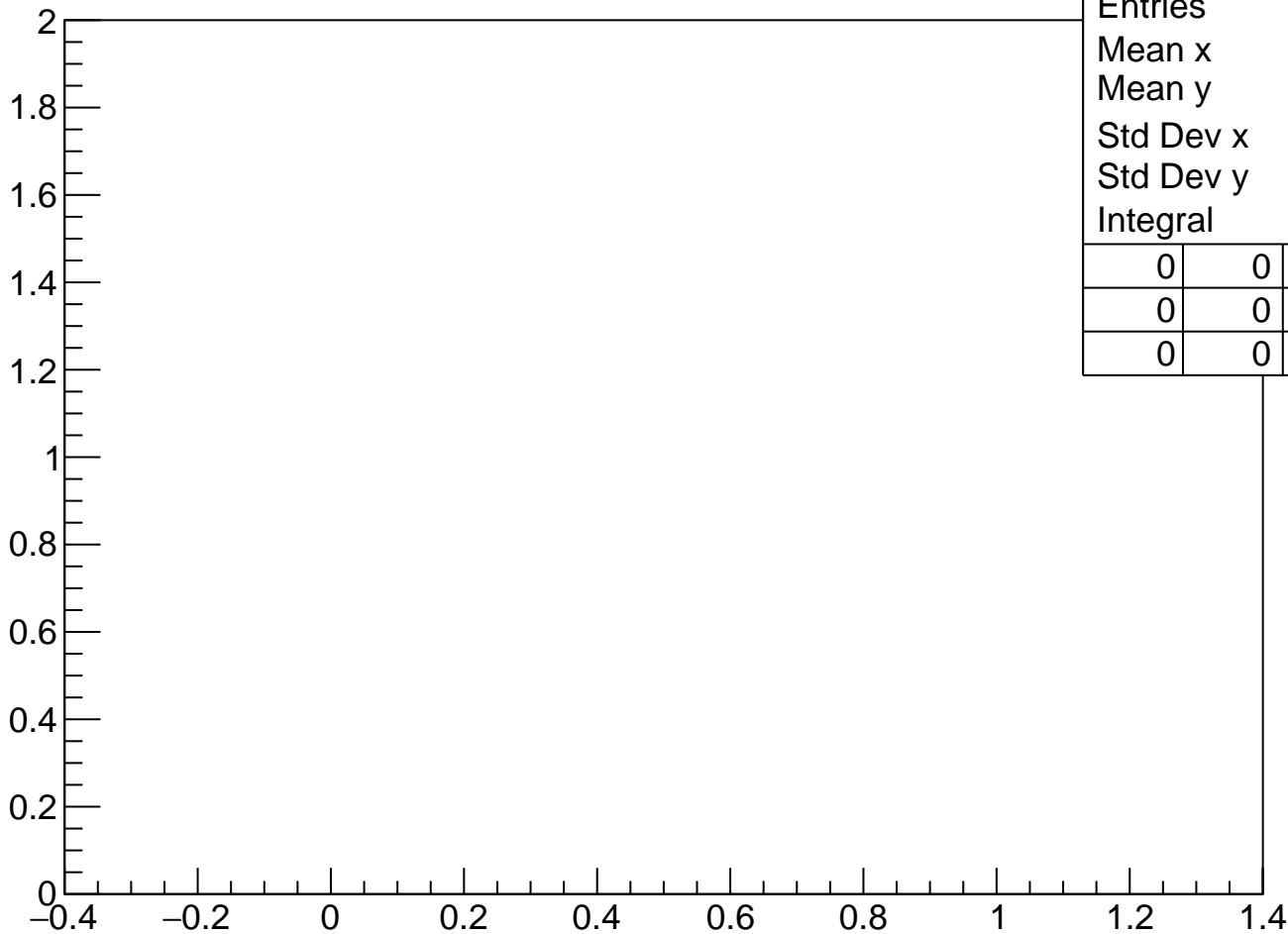
TofSeg[0] % vpseg[1] Cut4



tofsegKurama[0] % vpseg[1] Cut4

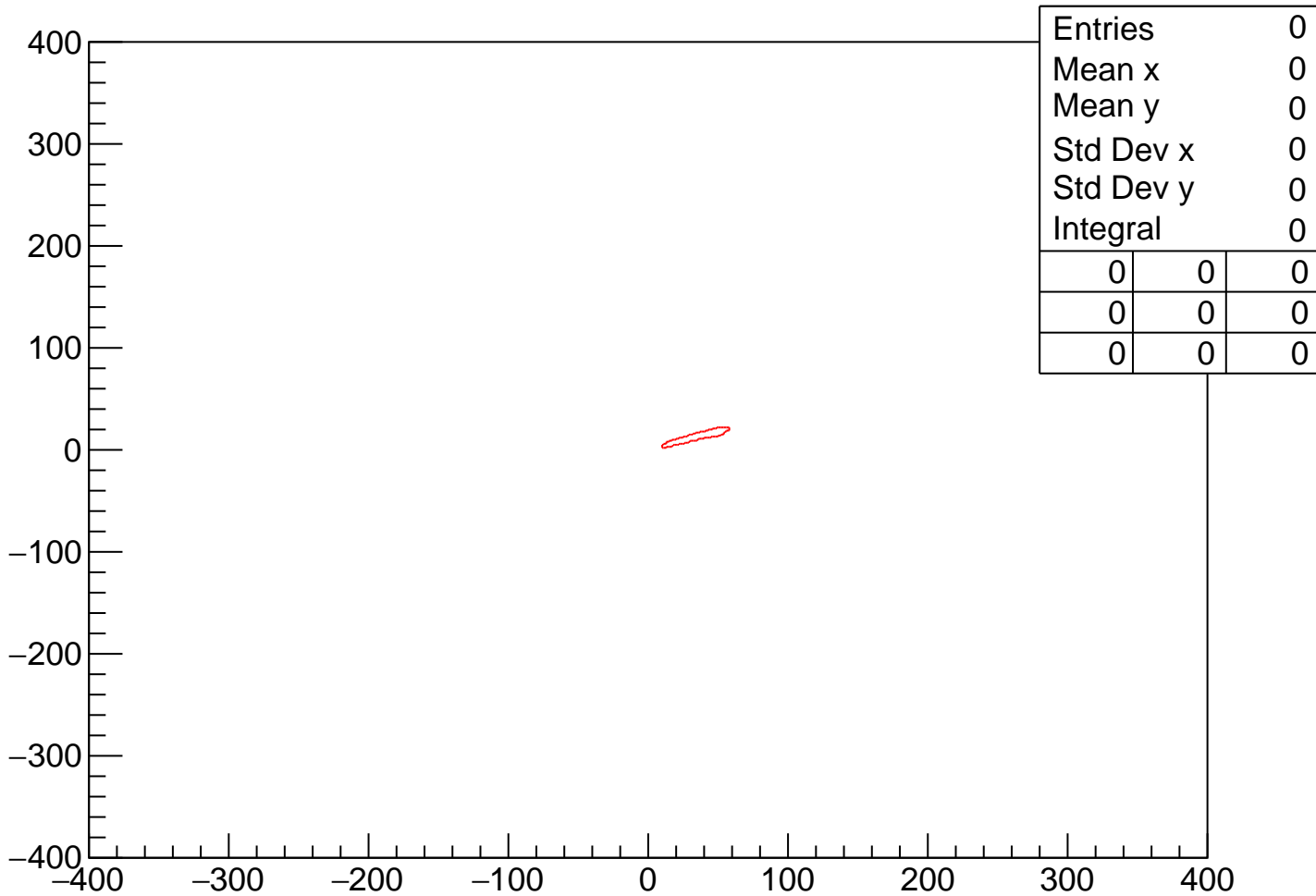


pKurama vs m2 Cut3 $0 < \text{pKurama}[0] < 0.2$

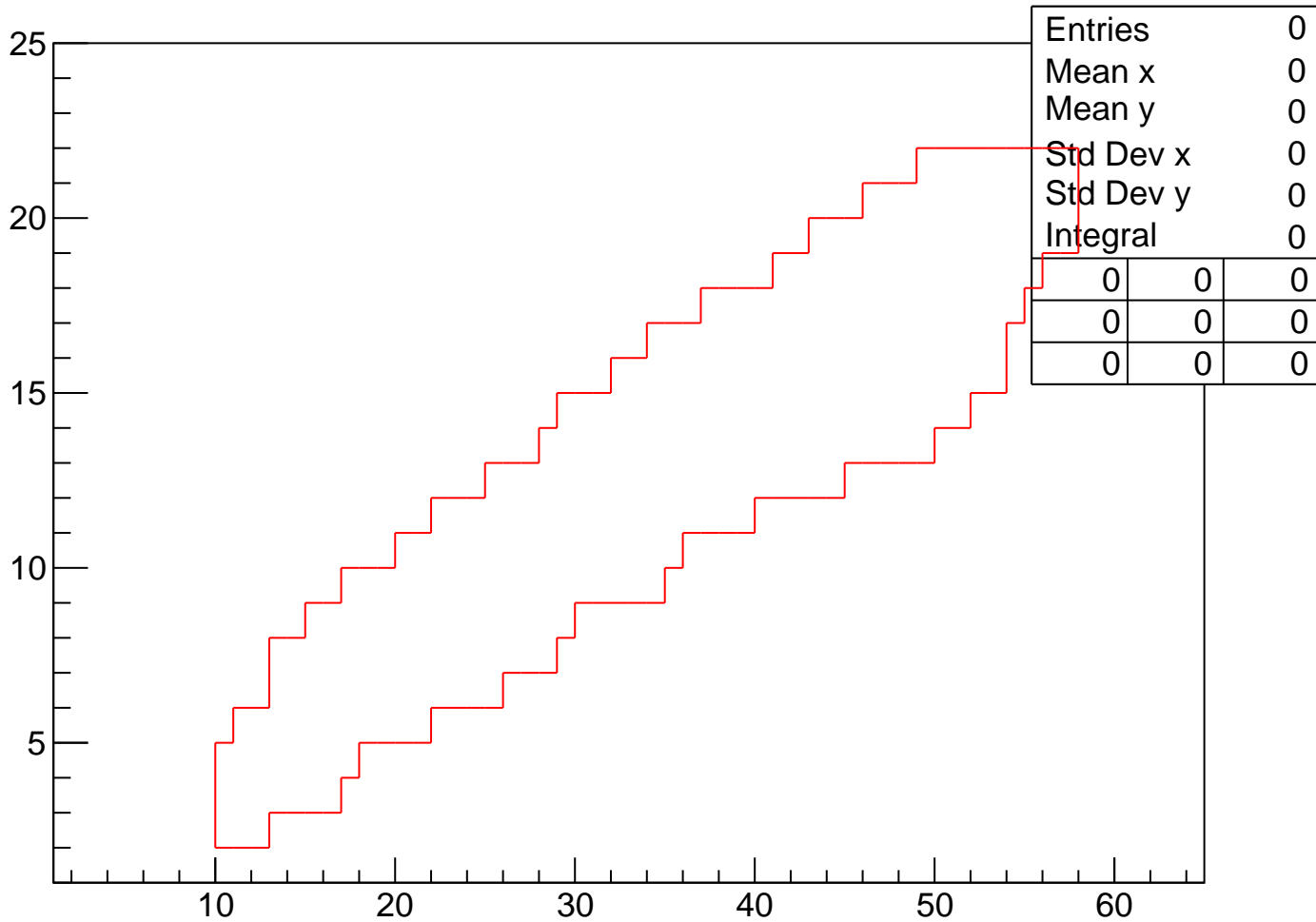


Entries	0		
Mean x	0		
Mean y	0		
Std Dev x	0		
Std Dev y	0		
Integral	0		
0	0	0	
0	0	0	
0	0	0	

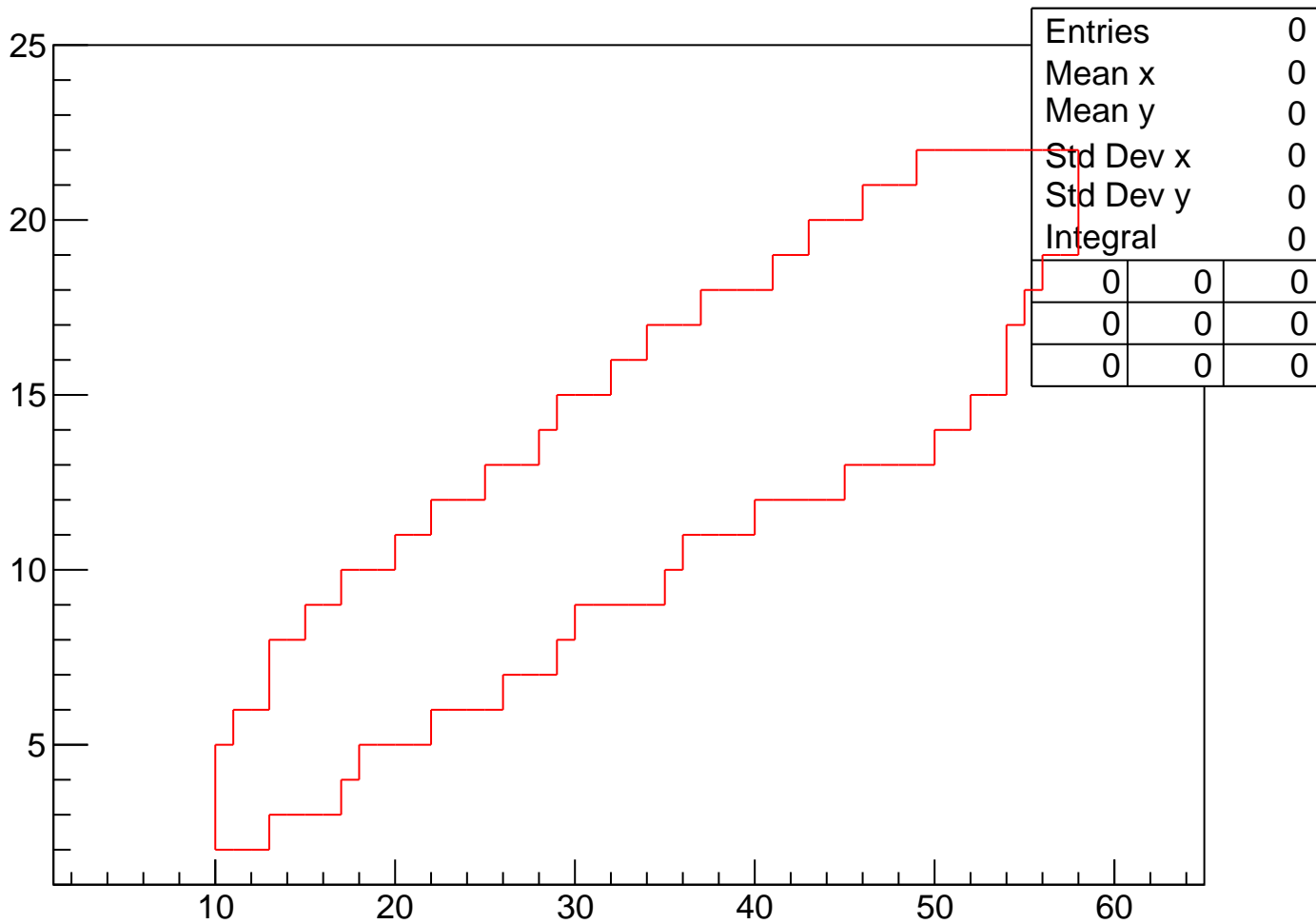
vpy[1] vs vpx[1] Cut3 0<pKurama[0]<0.2



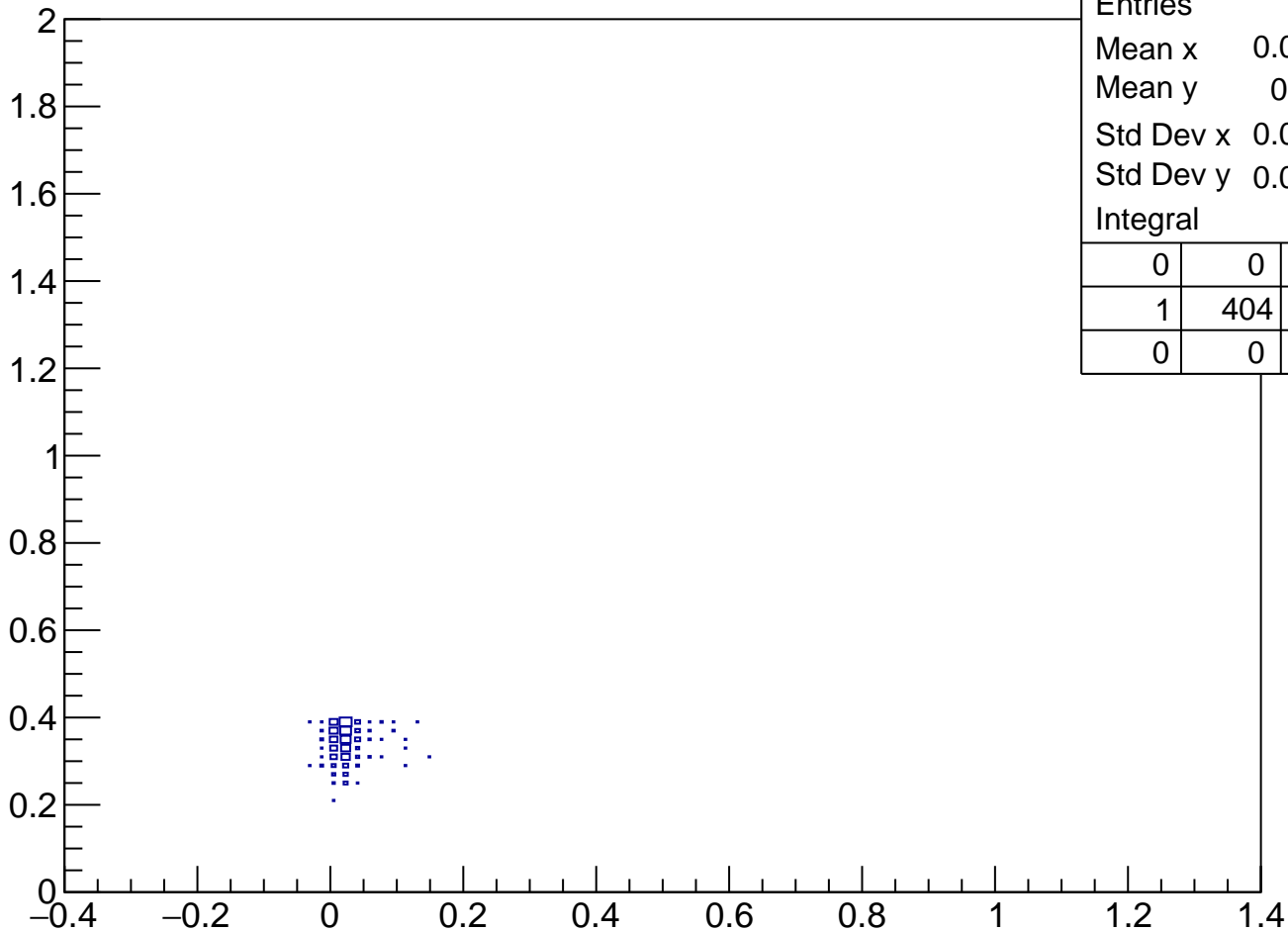
TofSeg[0] vs vpseg[1] Cut3 0<pKurama[0]<0.2



tofsegKurama[0] vs vpseg[1] Cut3 $0 < p_{\text{Kurama}[0]} < 0.2$

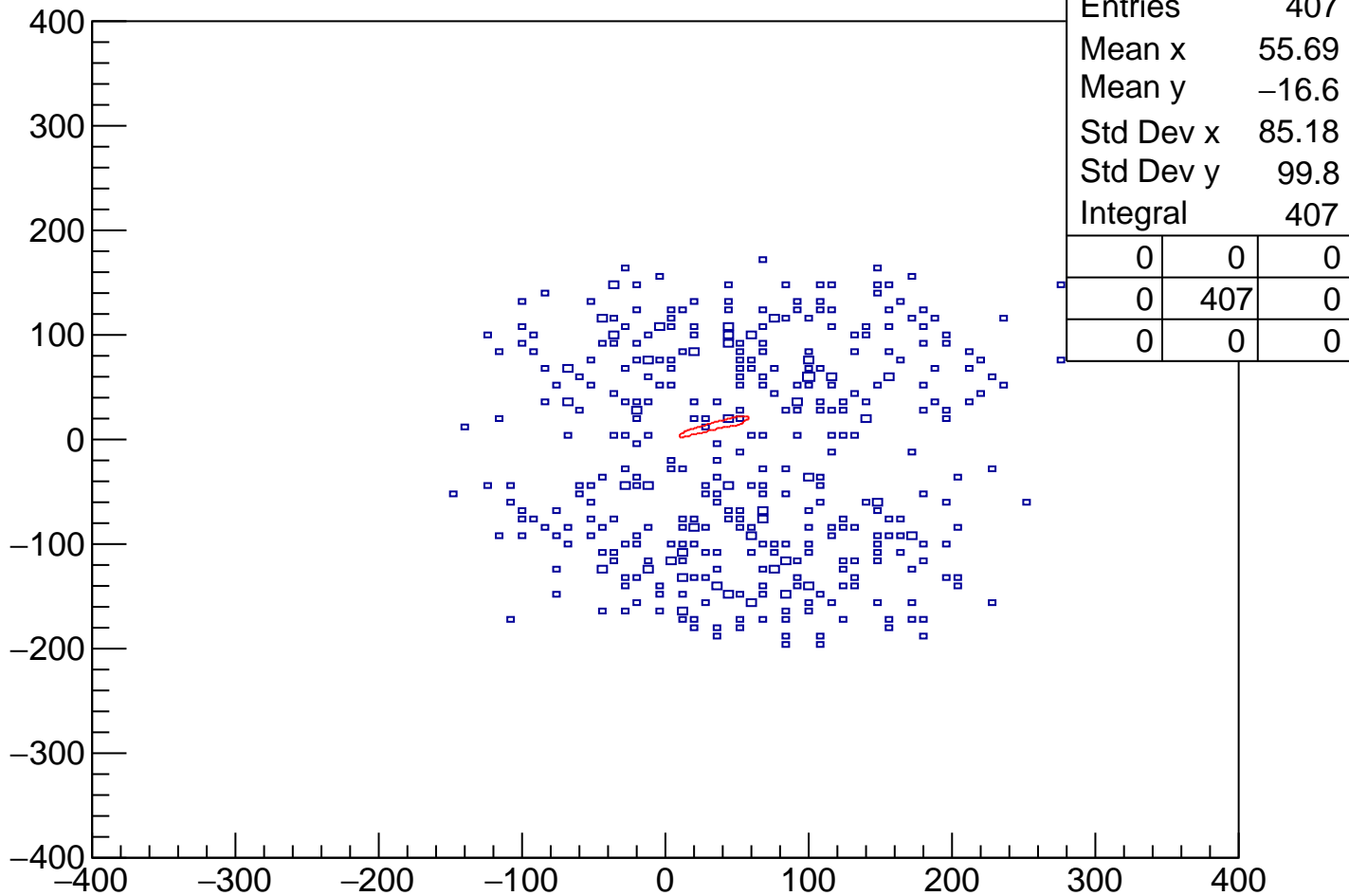


pKurama vs m2 Cut3 $0.2 < \text{pKurama}[0] < 0.4$

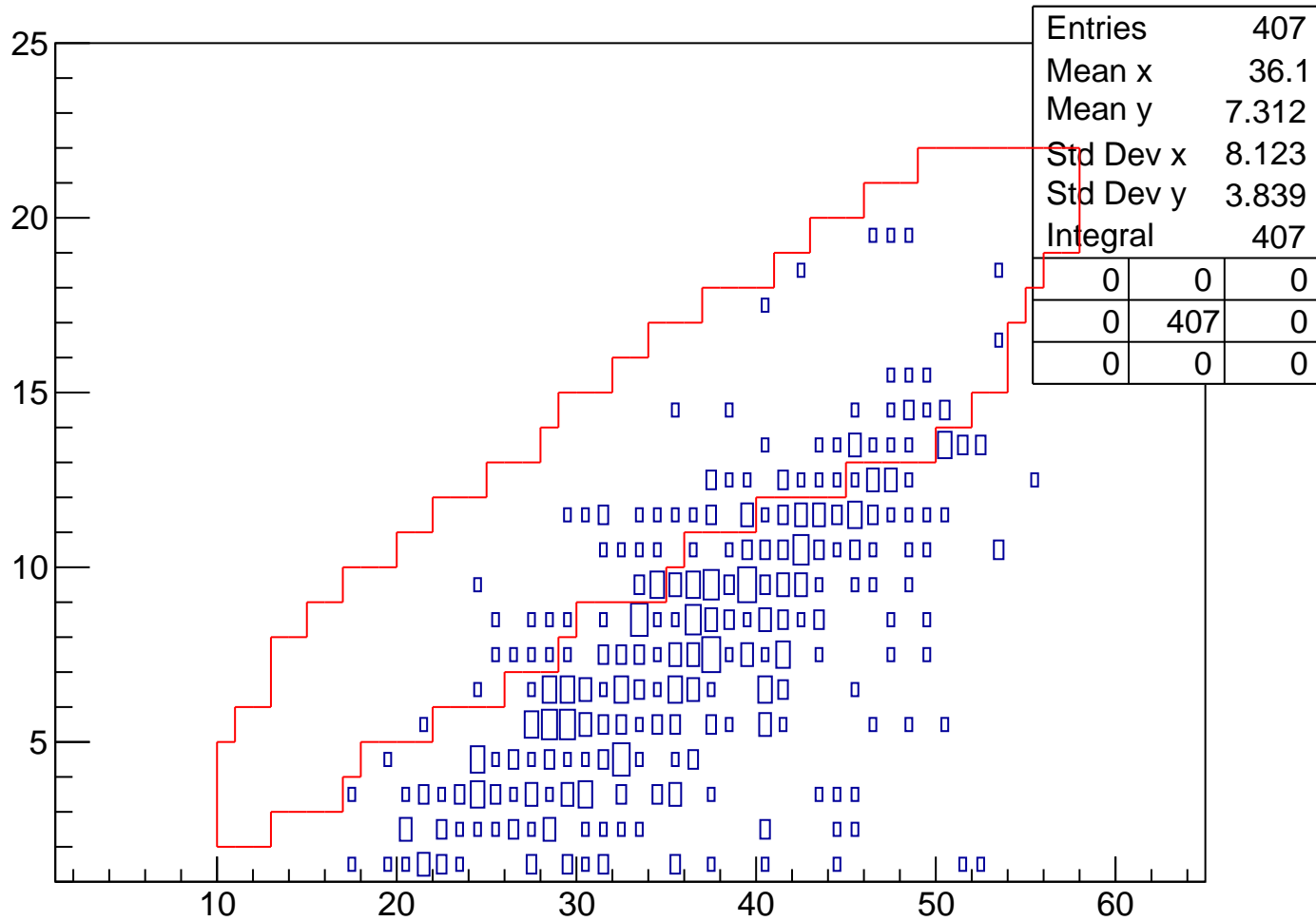


Entries	407	
Mean x	0.02088	
Mean y	0.3477	
Std Dev x	0.01932	
Std Dev y	0.03713	
Integral	404	
0	0	0
1	404	2
0	0	0

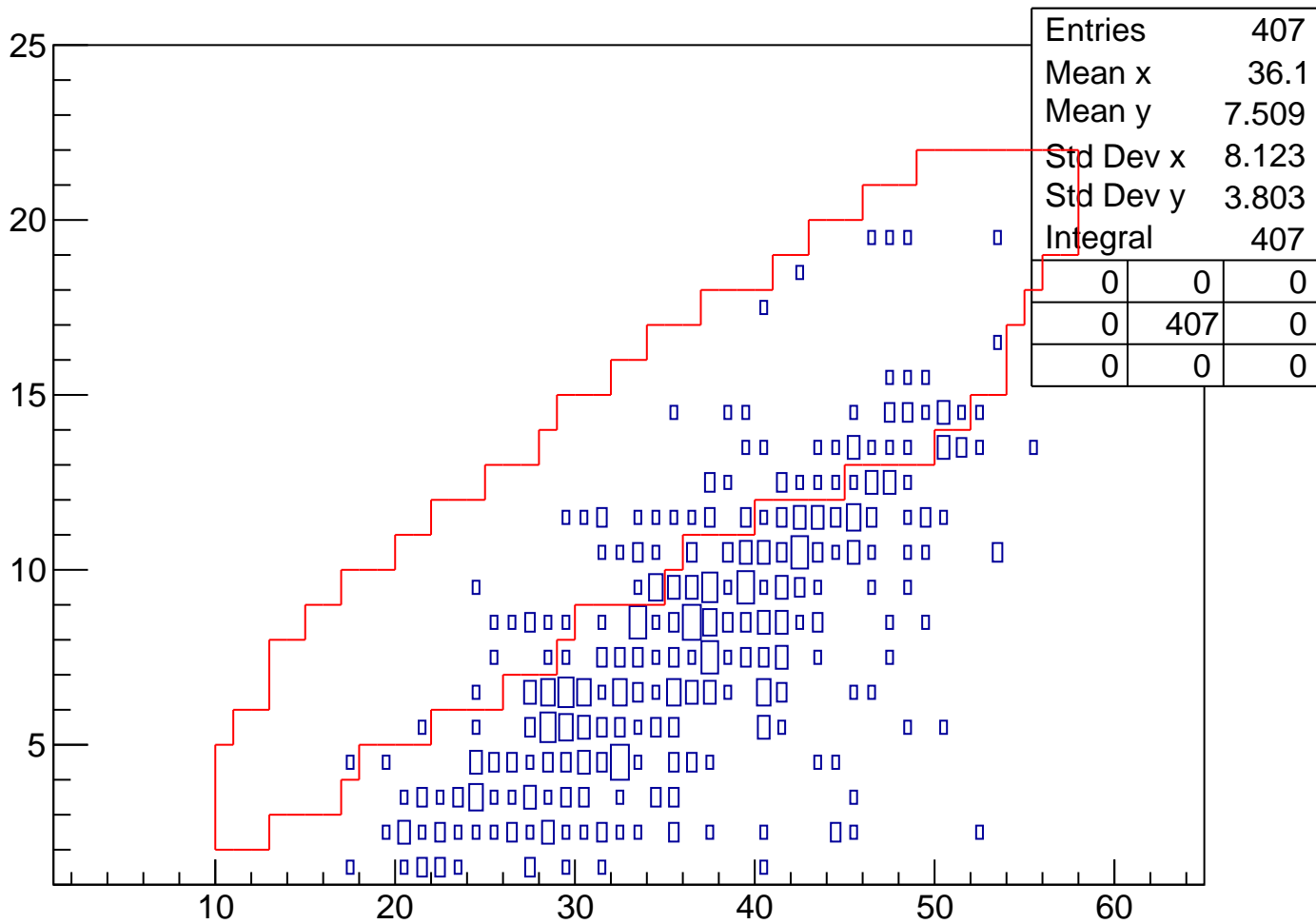
vpy[1] vs vpx[1] Cut3 0.2<pKurama[0]<0.4



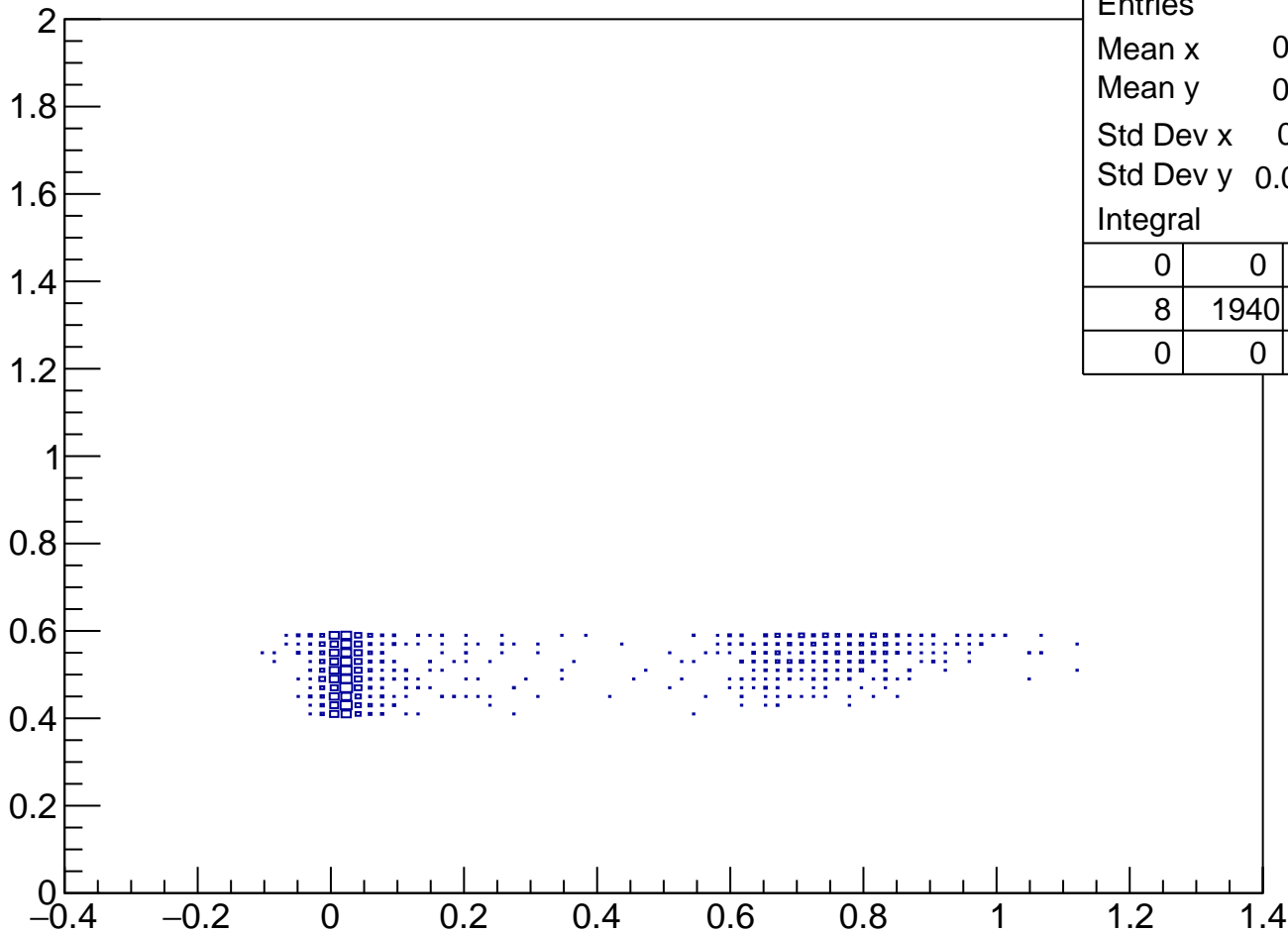
TofSeg[0] vs vpseg[1] Cut3 0.2<pKurama[0]<0.4



tofsegKurama[0] vs vpseg[1] Cut3 $0.2 < p_{\text{Kurama}[0]} < 0.4$

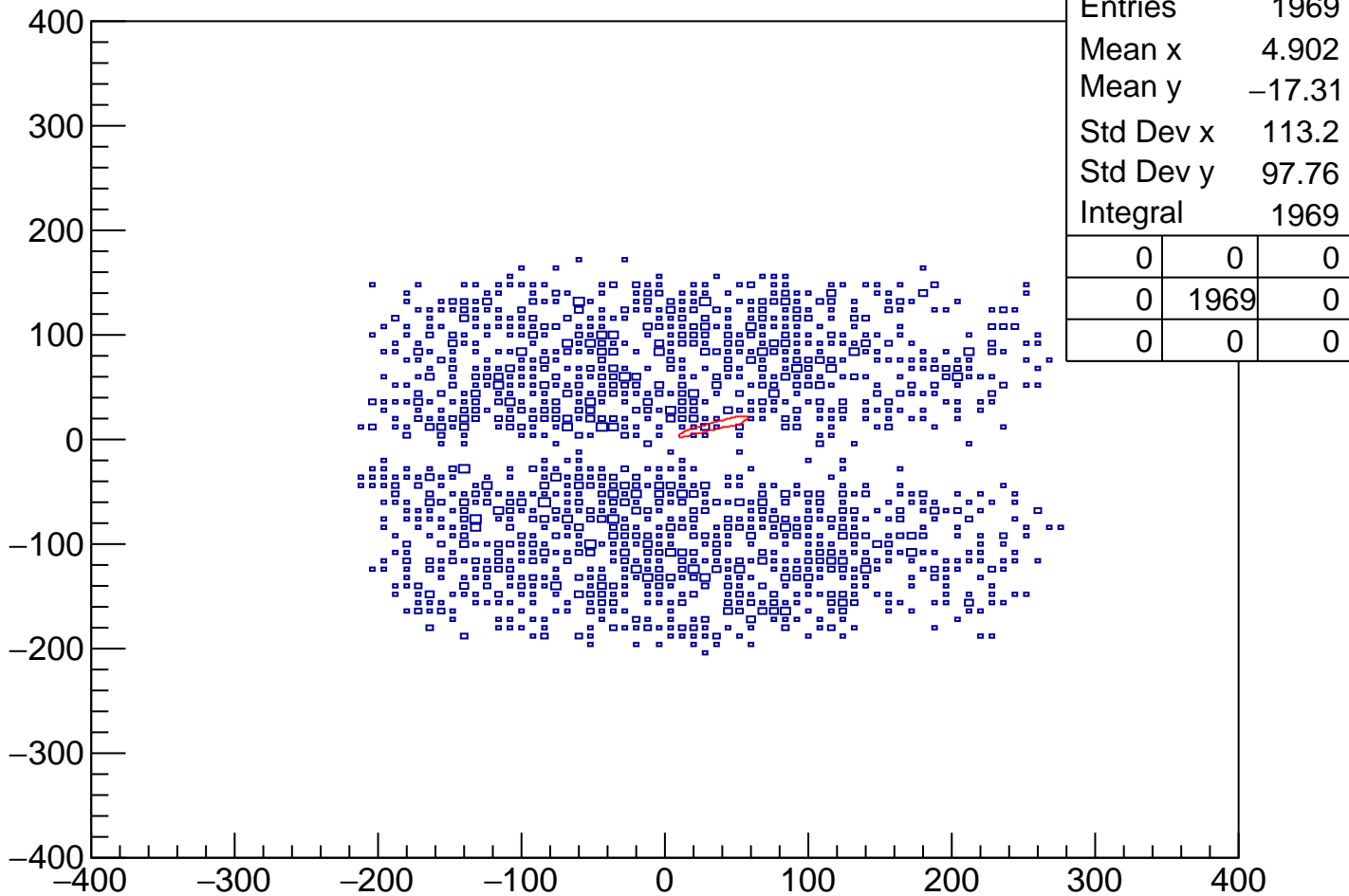


pKurama vs m2 Cut3 $0.4 < \text{pKurama}[0] < 0.6$

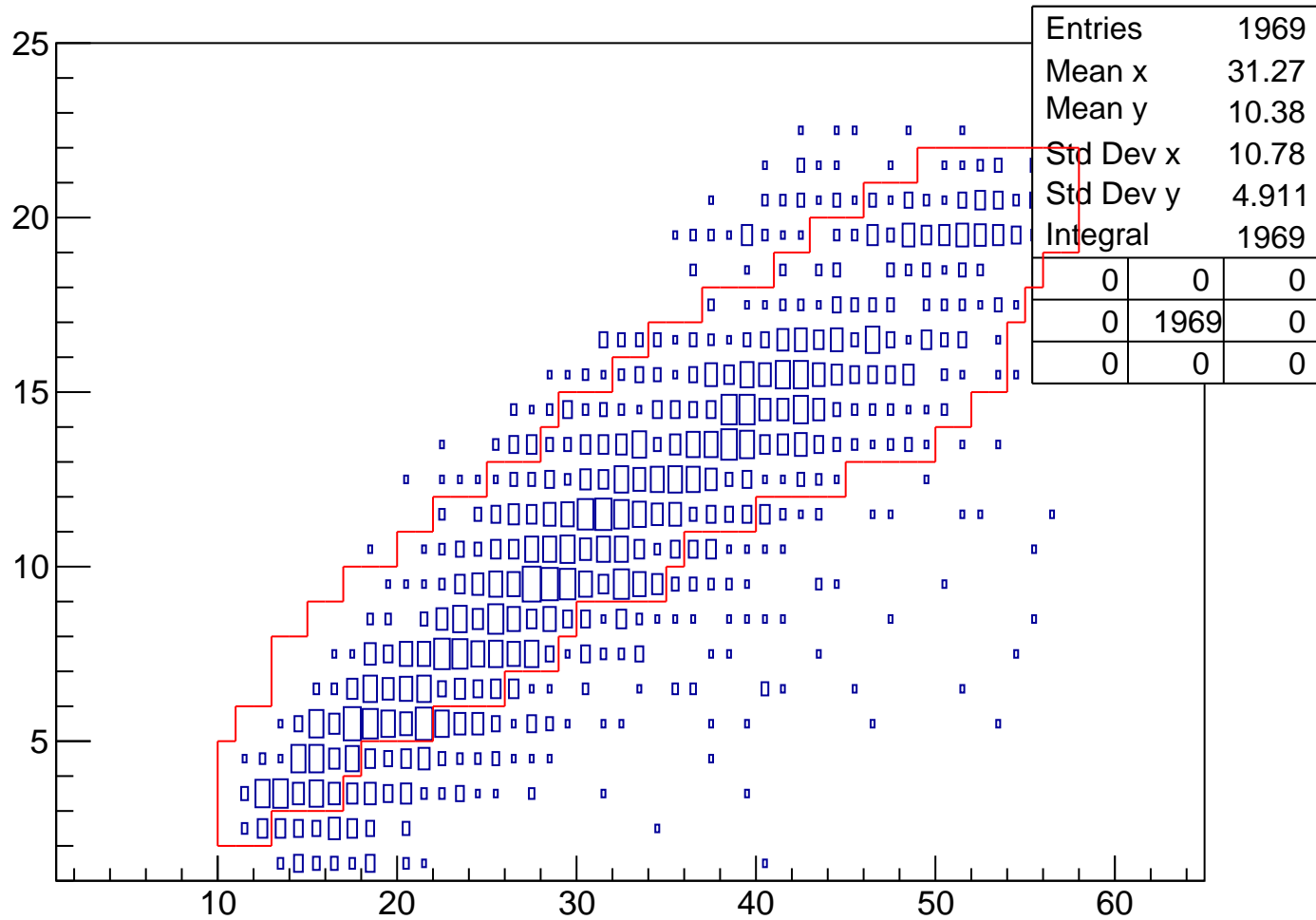


Entries		1969
Mean x		0.1893
Mean y		0.5136
Std Dev x		0.3081
Std Dev y		0.05602
Integral		1940
0	0	0
8	1940	21
0	0	0

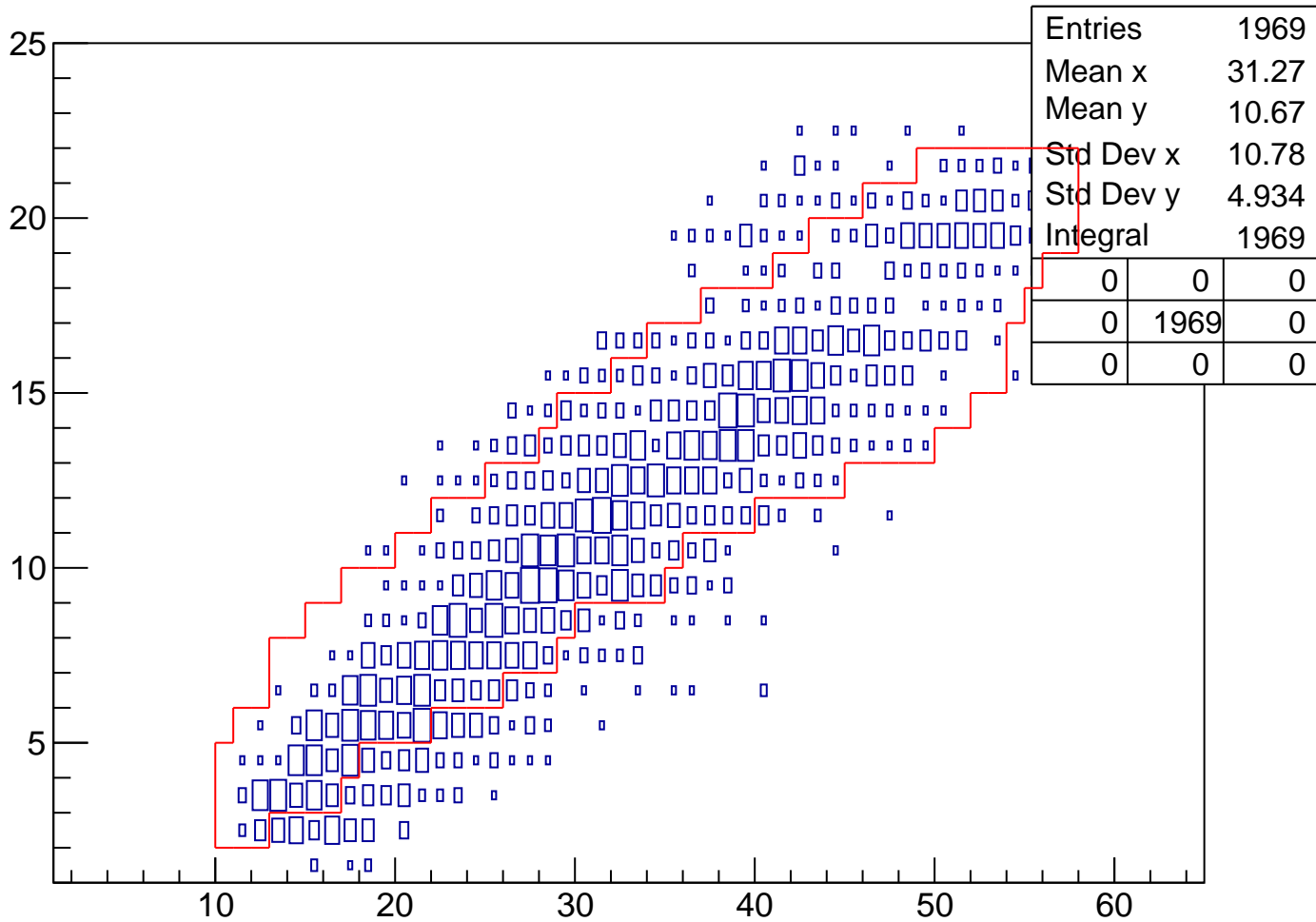
vpy[1] vs vpx[1] Cut3 0.4<pKurama[0]<0.6



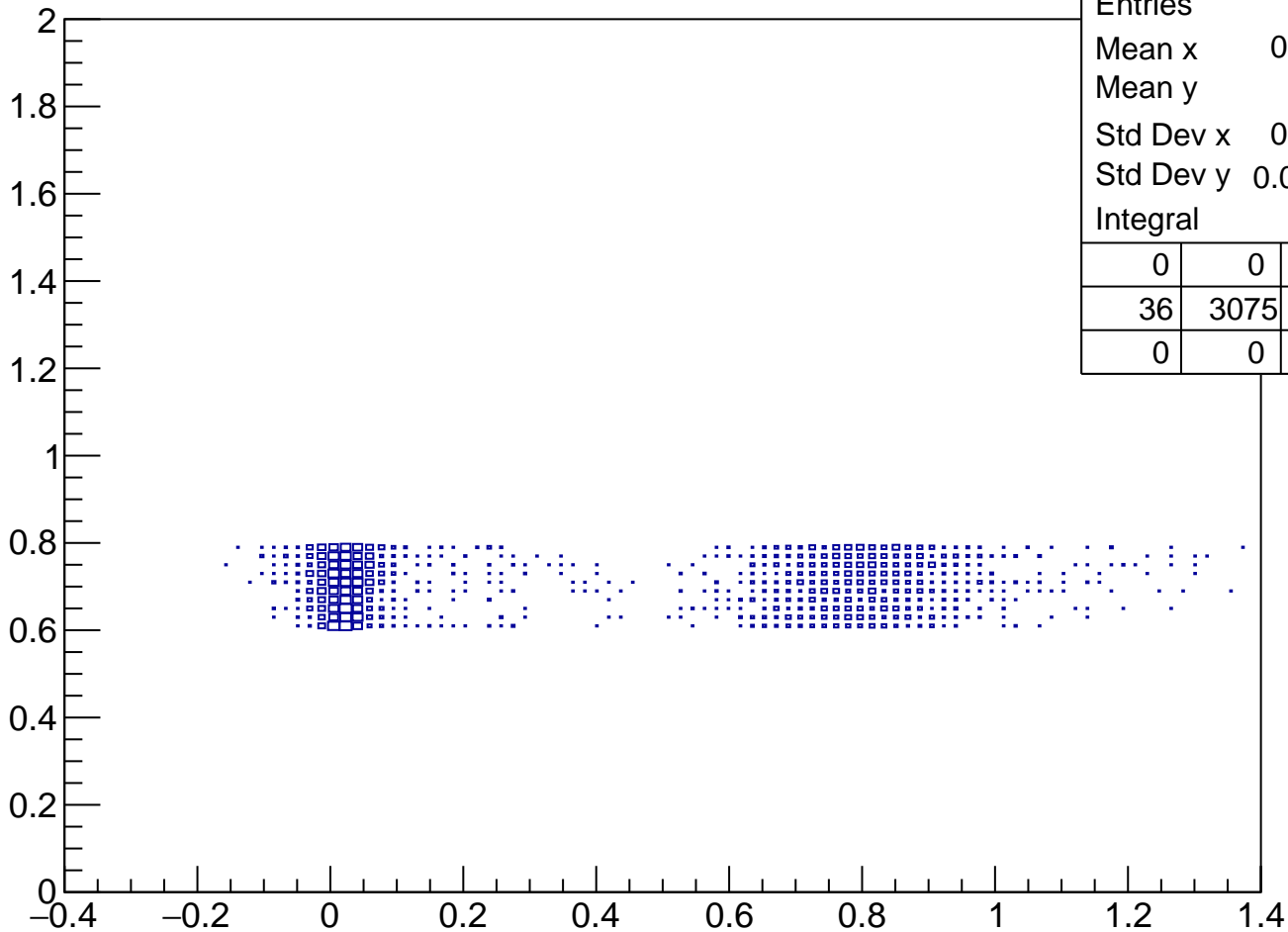
TofSeg[0] vs vpseg[1] Cut3 0.4<pKurama[0]<0.6



tofsegKurama[0] vs vpseg[1] Cut3 0.4<pKurama[0]<0.6

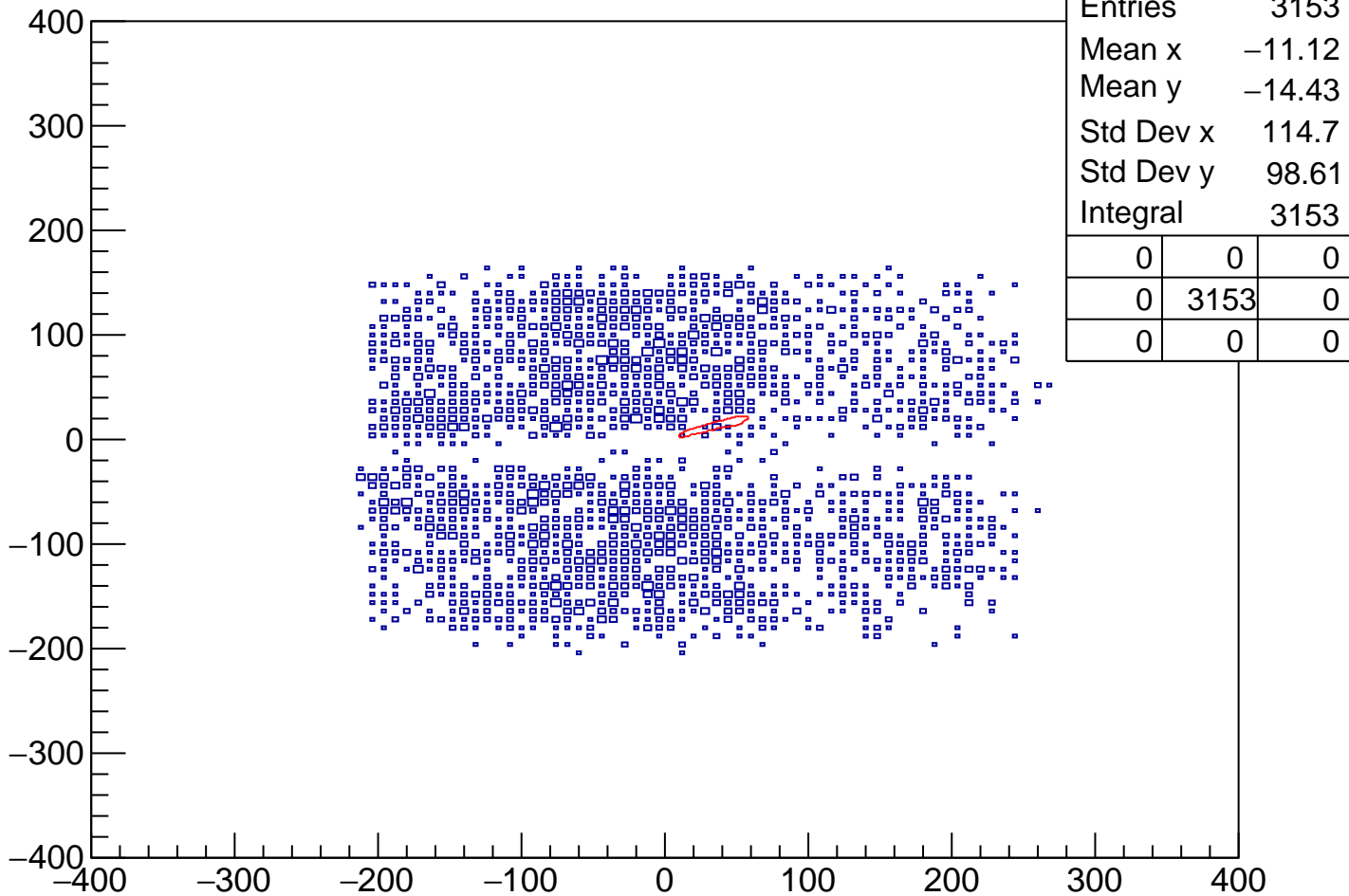


pKurama vs m2 Cut3 $0.6 < \text{pKurama}[0] < 0.8$

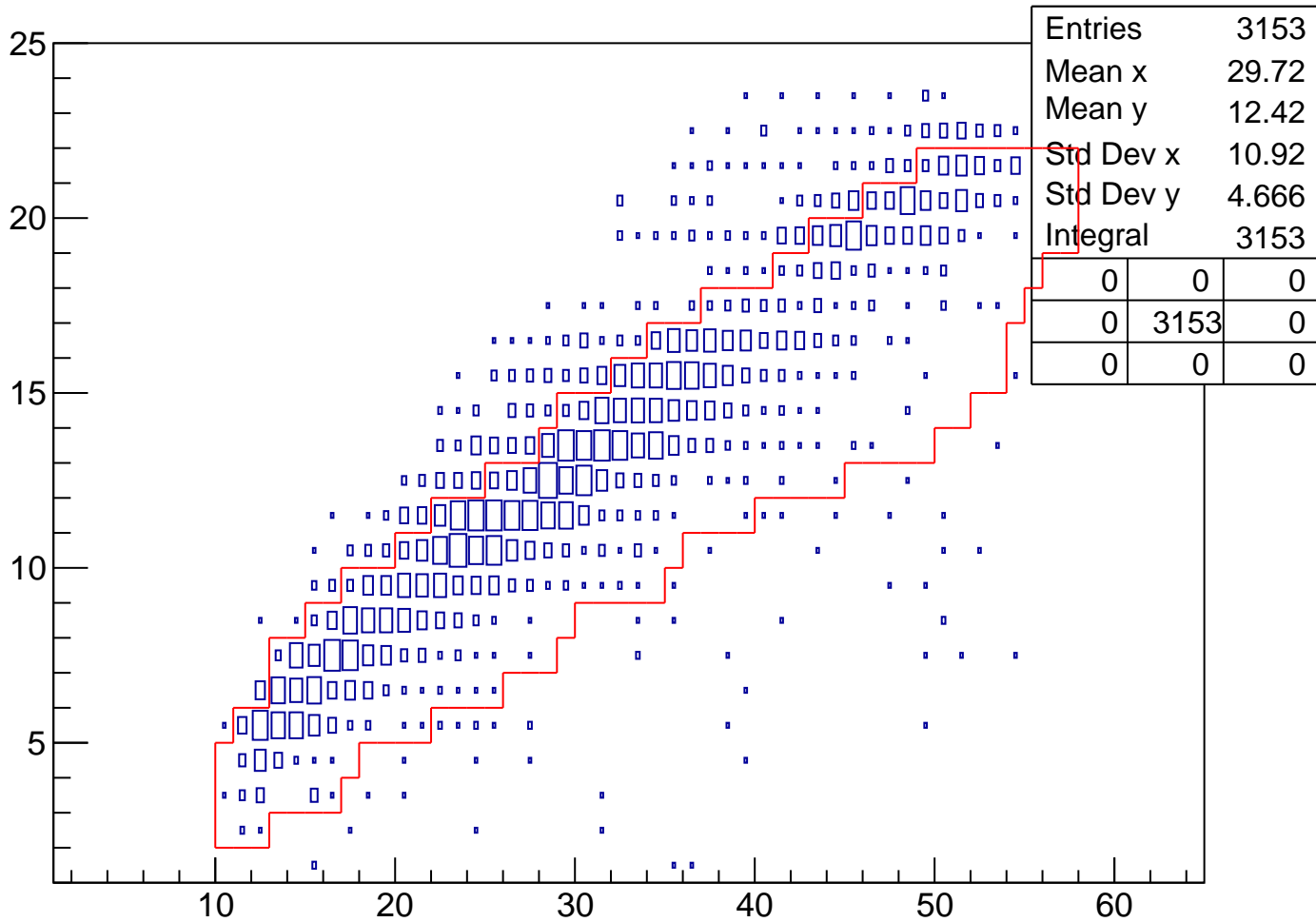


Entries	3153		
Mean x	0.3678		
Mean y	0.706		
Std Dev x	0.3954		
Std Dev y	0.05765		
Integral	3075		
	0	0	0
	36	3075	42
	0	0	0

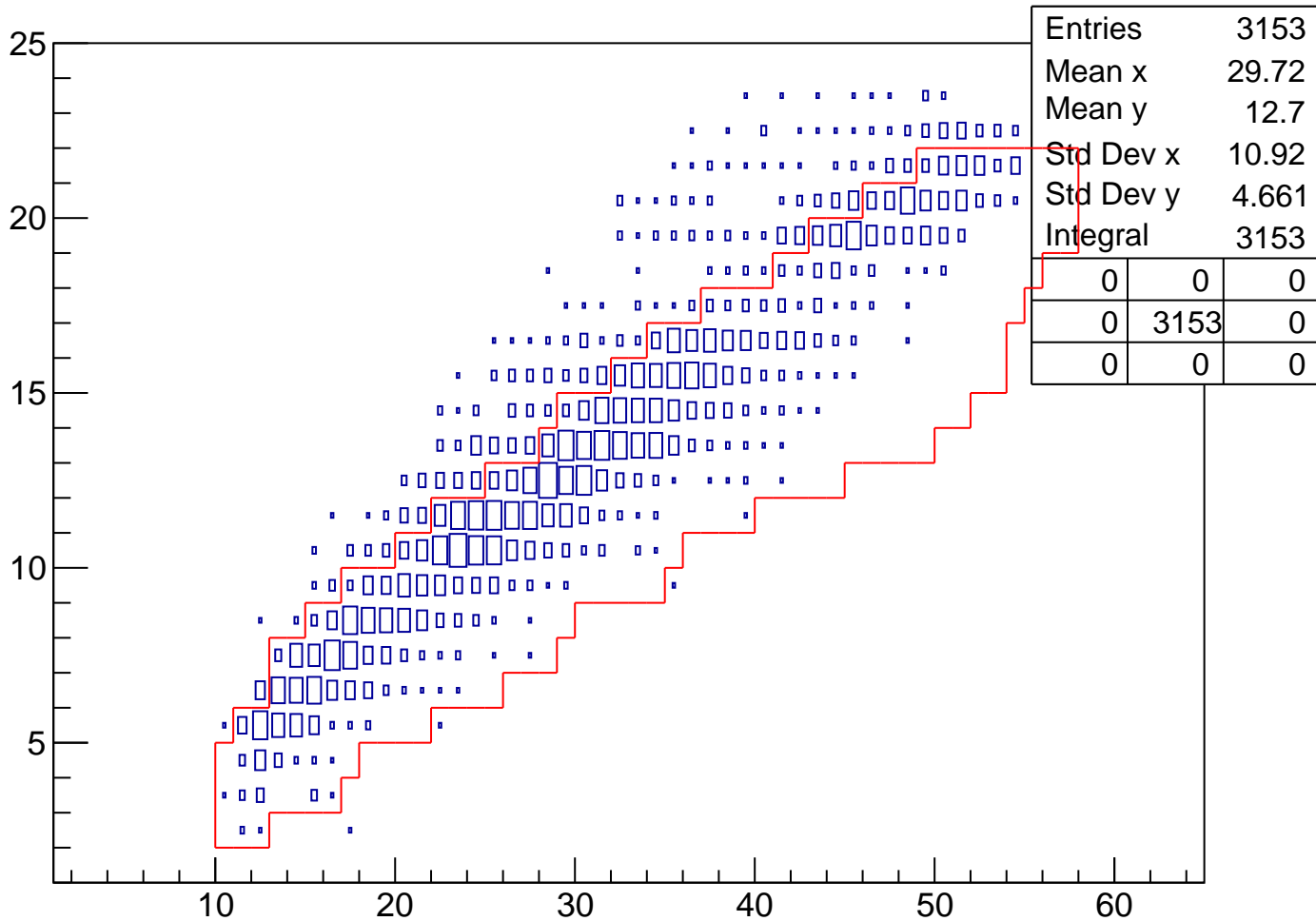
vpy[1] vs vpx[1] Cut3 0.6<pKurama[0]<0.8



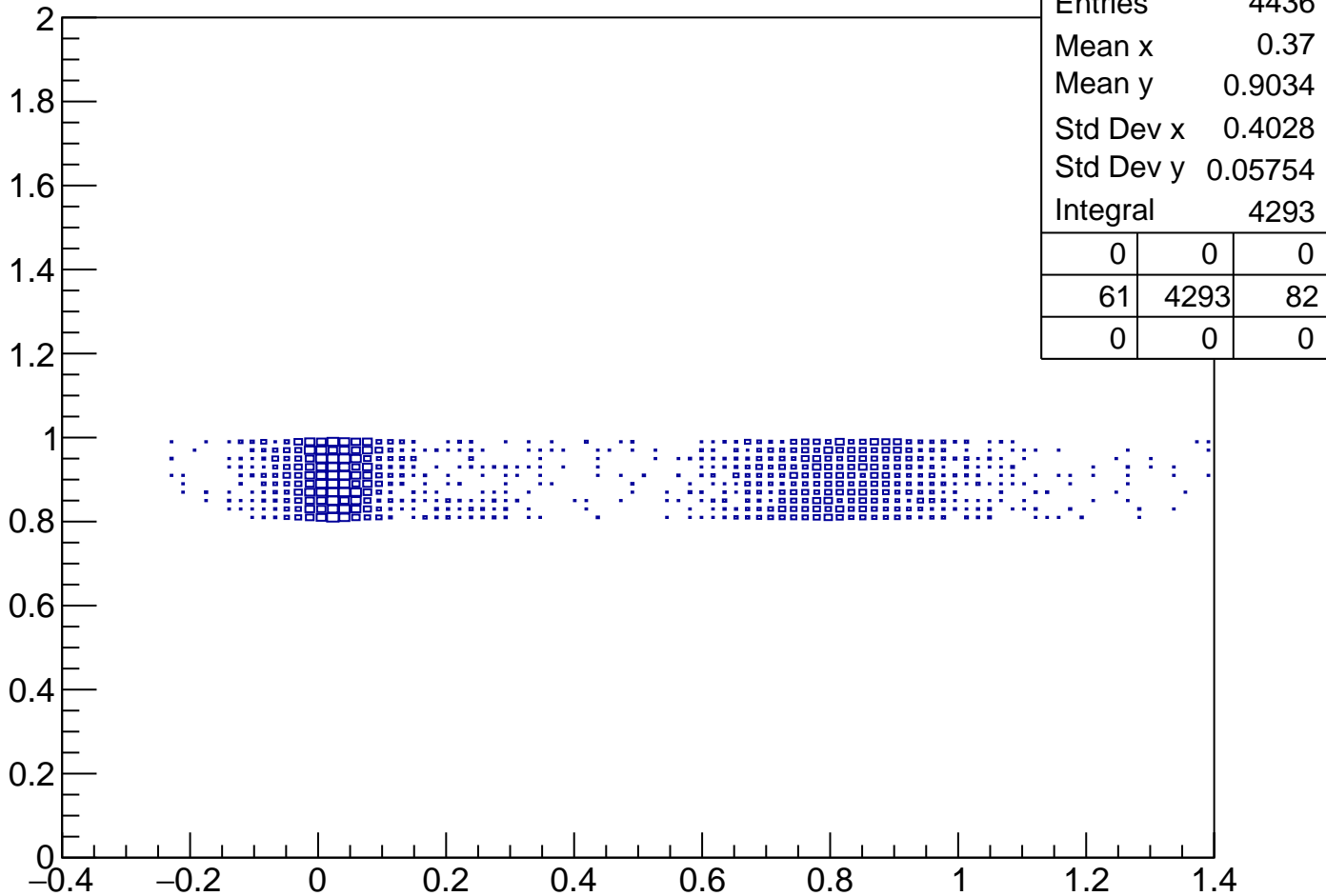
TofSeg[0] vs vpseg[1] Cut3 0.6<pKurama[0]<0.8



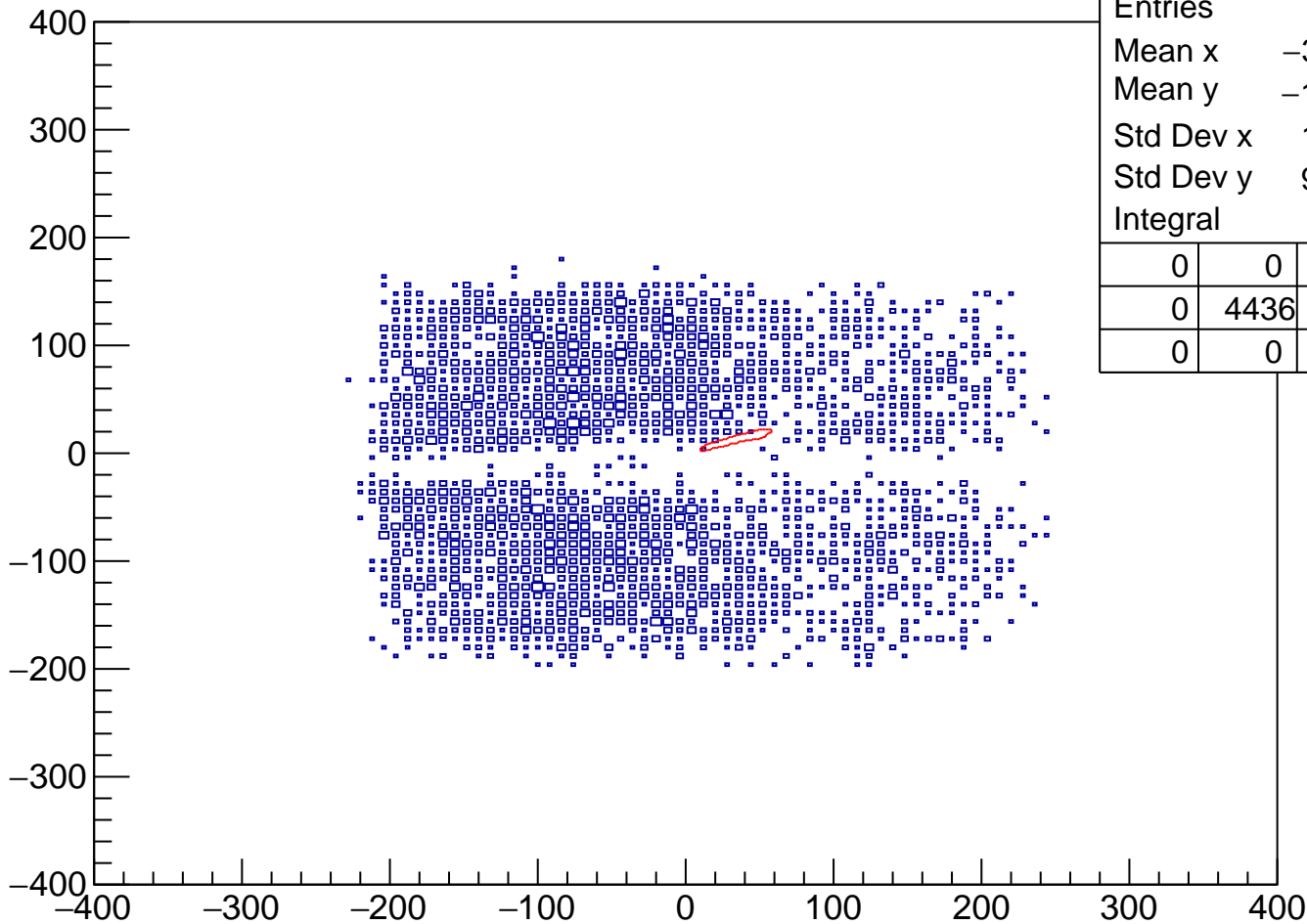
tofsegKurama[0] vs vpseg[1] Cut3 $0.6 < p_{\text{Kurama}[0]} < 0.8$



pKurama vs m2 Cut3 0.8<pKurama[0]<1

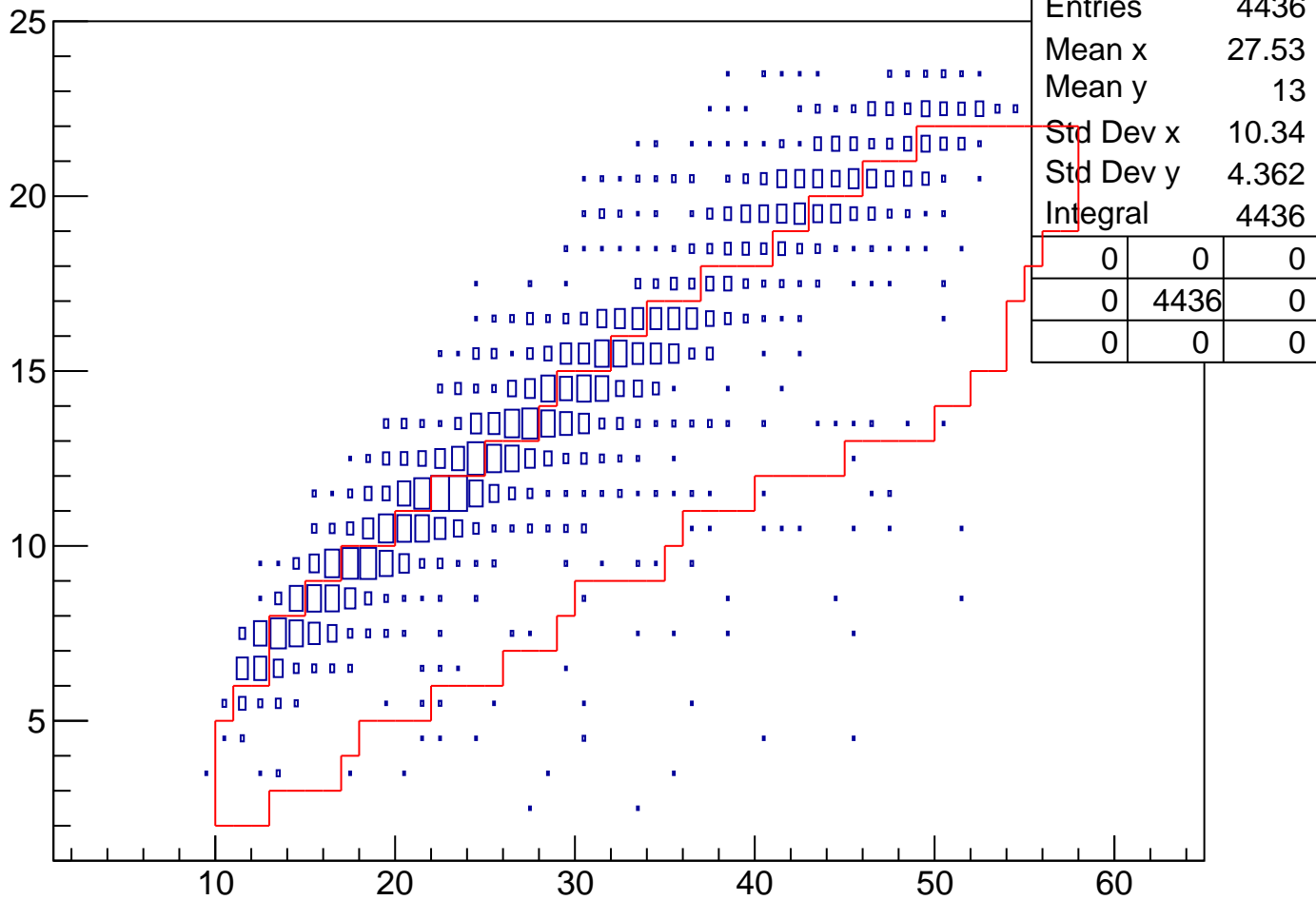


vpy[1] vs vpx[1] Cut3 0.8<pKurama[0]<1

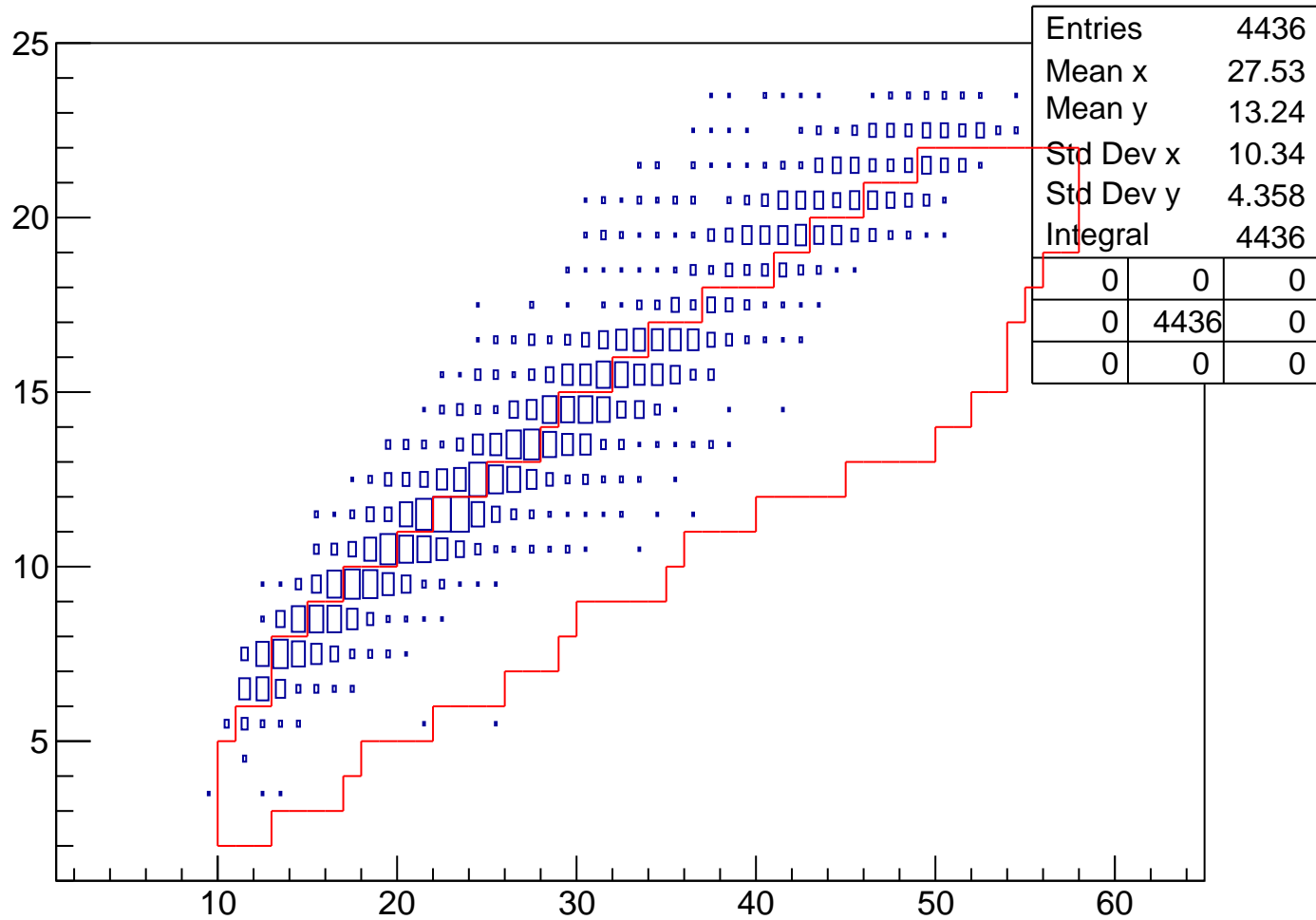


Entries	4436		
Mean x	-34.19		
Mean y	-13.84		
Std Dev x	108.4		
Std Dev y	97.62		
Integral	4436		
0	0	0	
0	4436	0	
0	0	0	

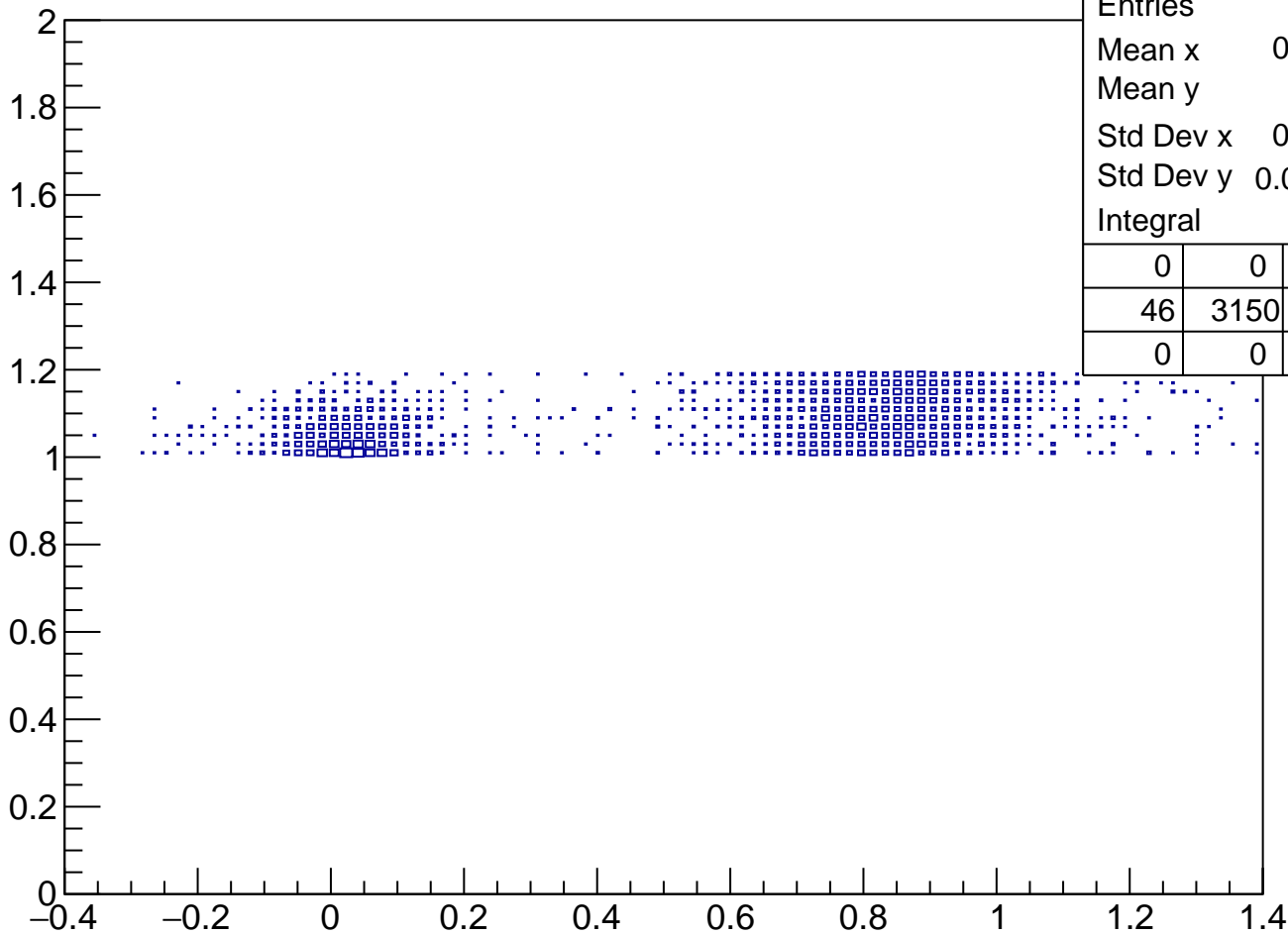
TofSeg[0] vs vpseg[1] Cut3 0.8<pKurama[0]<1



tofsegKurama[0] vs vpseg[1] Cut3 0.8<pKurama[0]<1

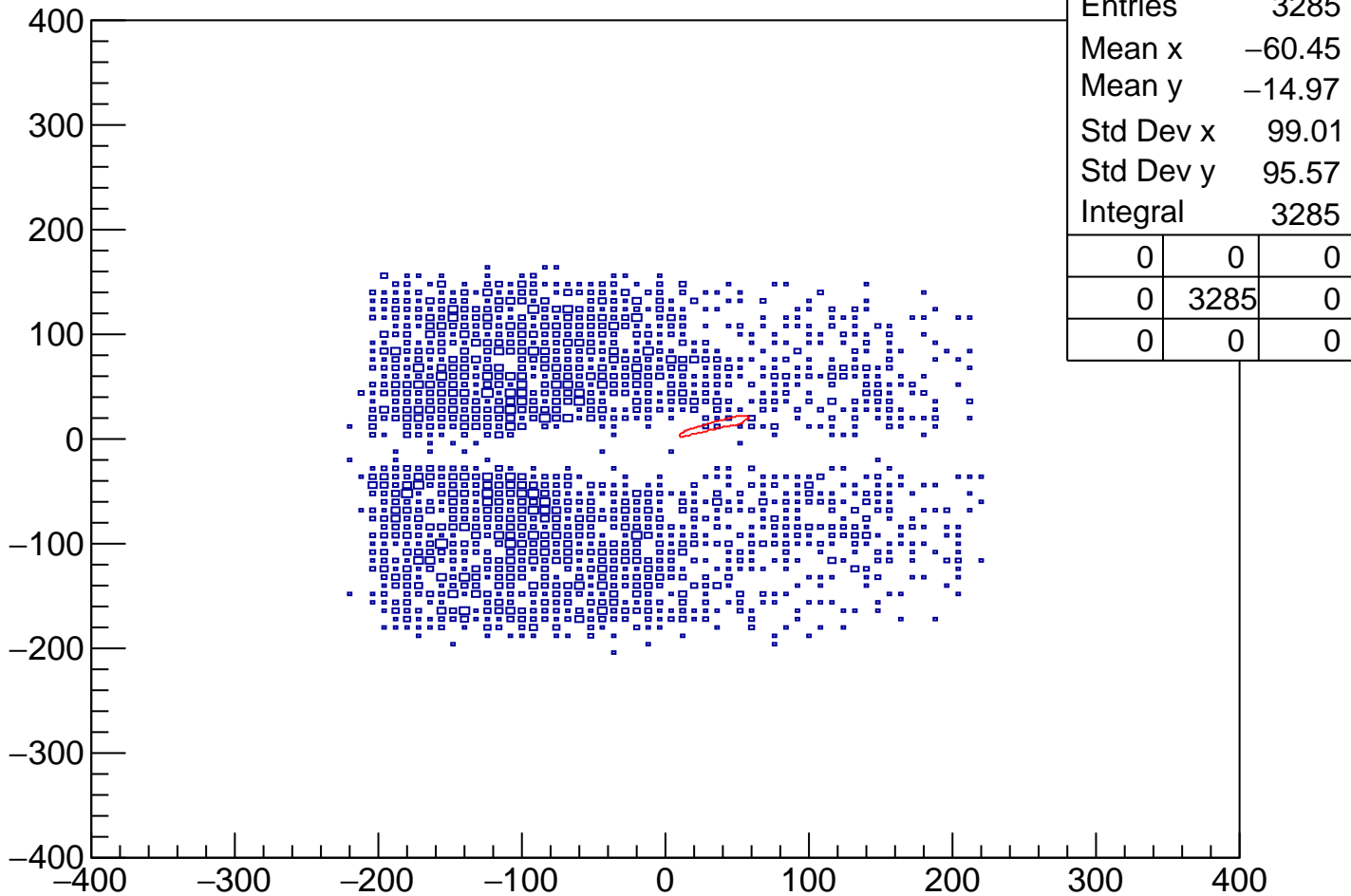


pKurama vs m2 Cut3 $1 < \text{pKurama}[0] < 1.2$

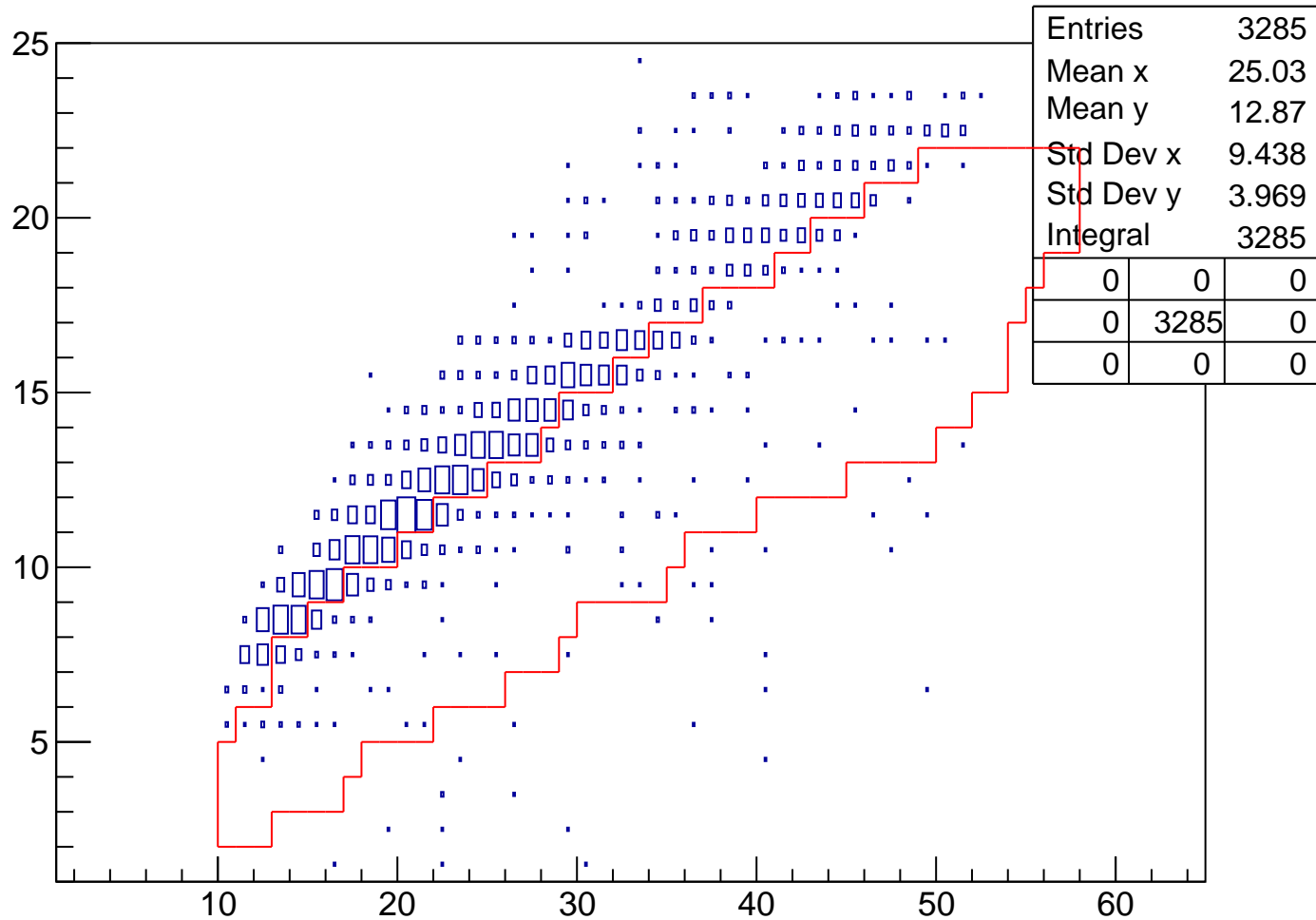


Entries	3285	
Mean x	0.5659	
Mean y	1.084	
Std Dev x	0.4042	
Std Dev y	0.05647	
Integral	3150	
0	0	0
46	3150	89
0	0	0

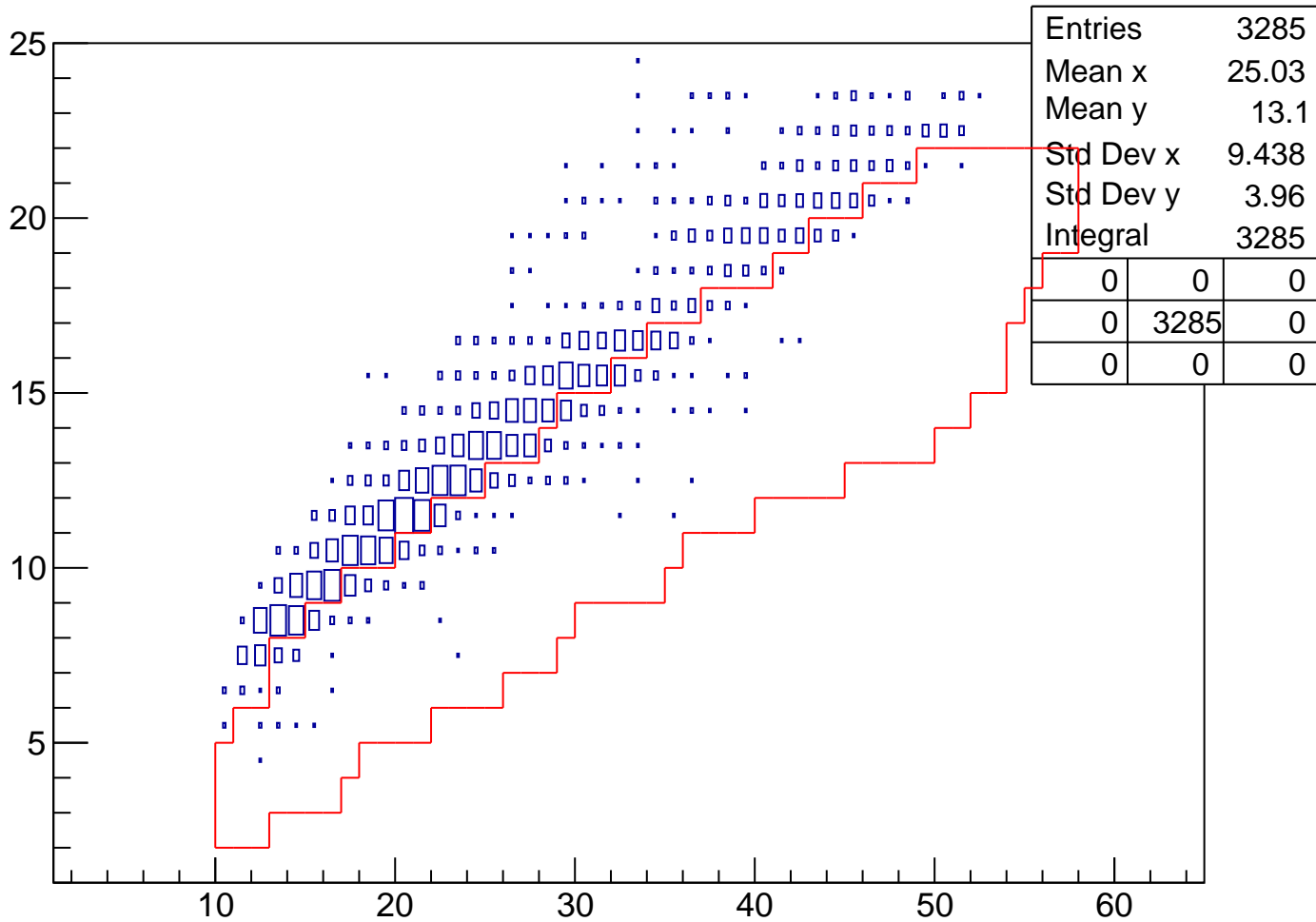
vpy[1] vs vpx[1] Cut3 1<pKurama[0]<1.2



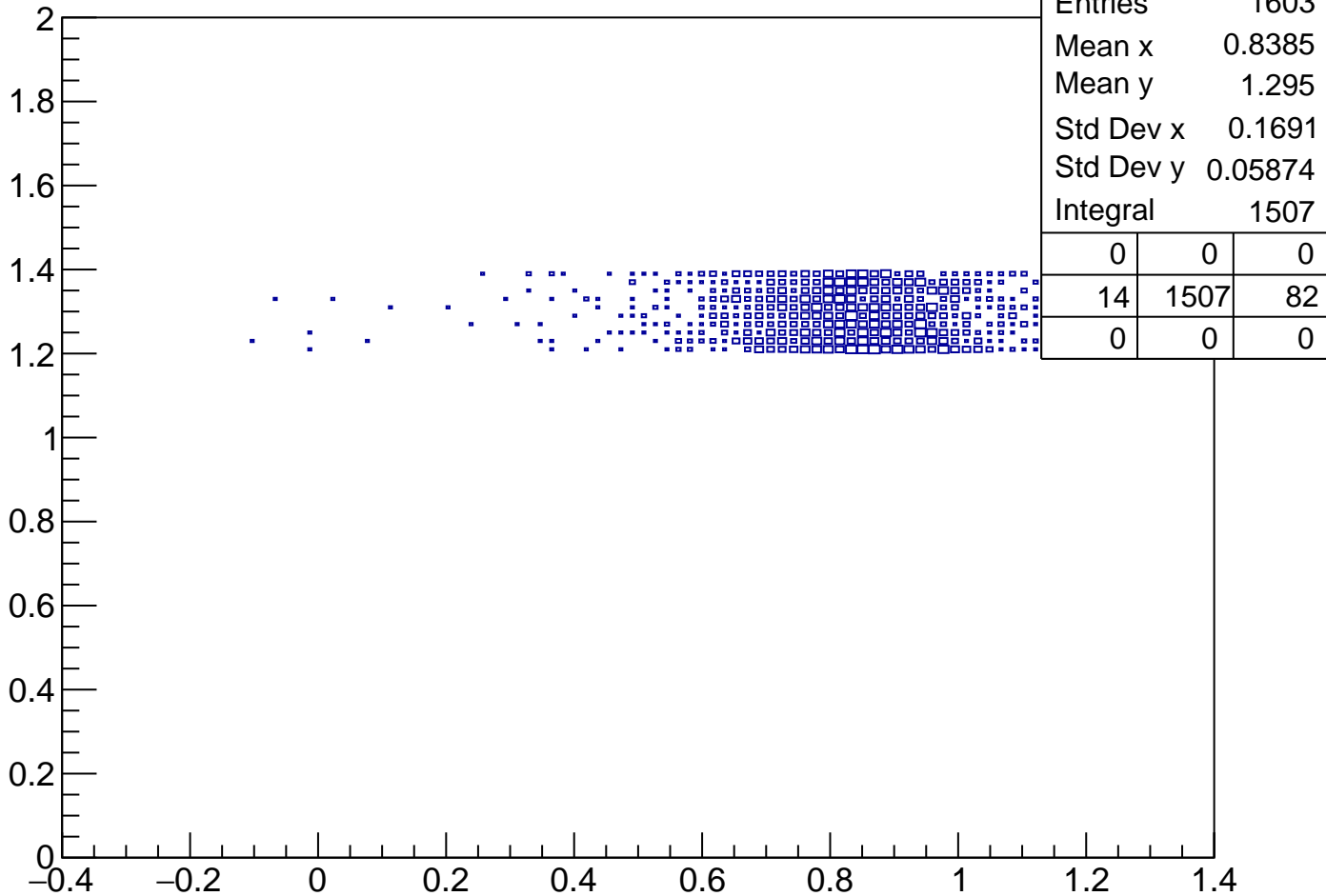
TofSeg[0] vs vpseg[1] Cut3 1<pKurama[0]<1.2



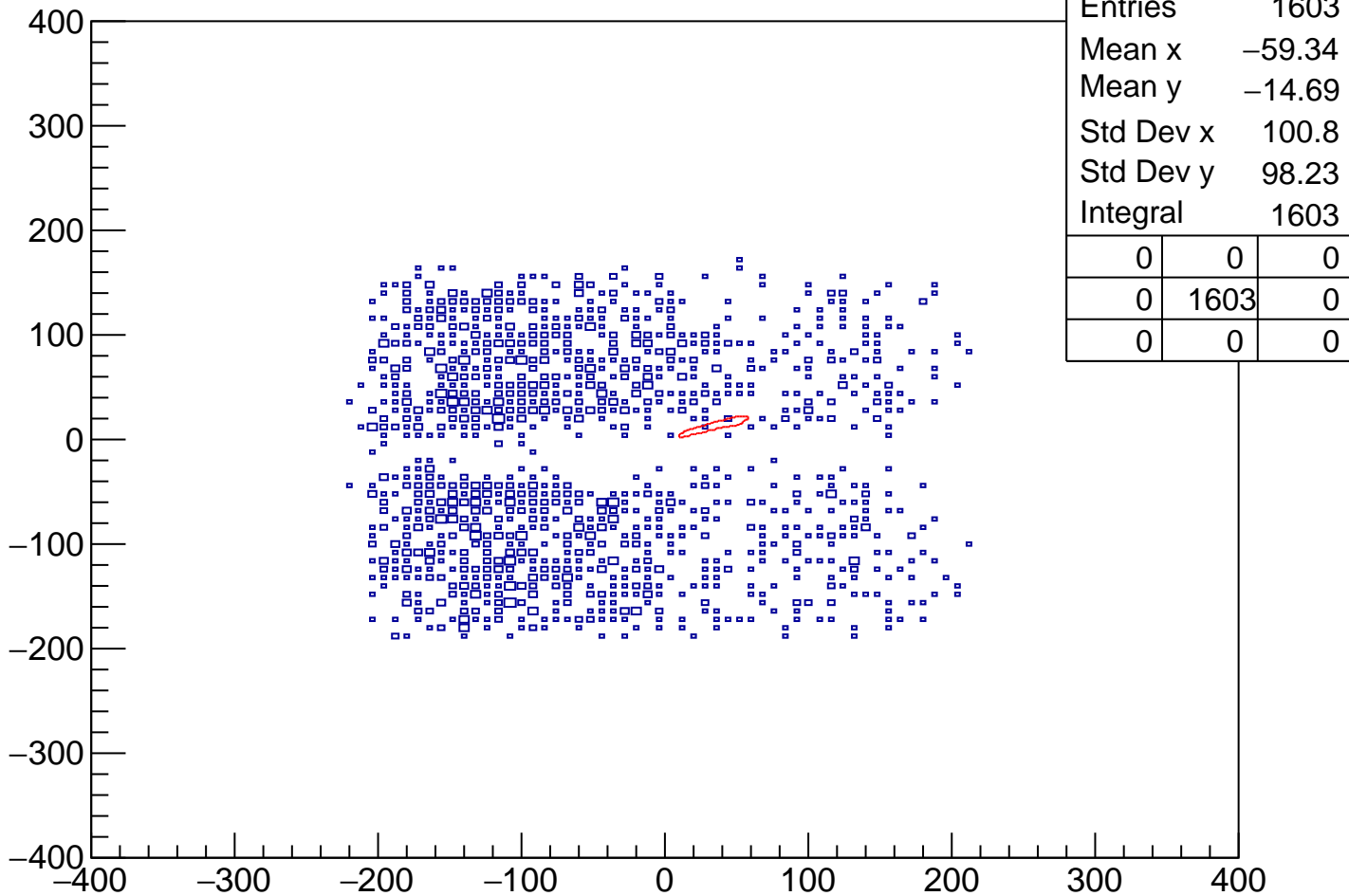
tofsegKurama[0] vs vpseg[1] Cut3 1<pKurama[0]<1.2



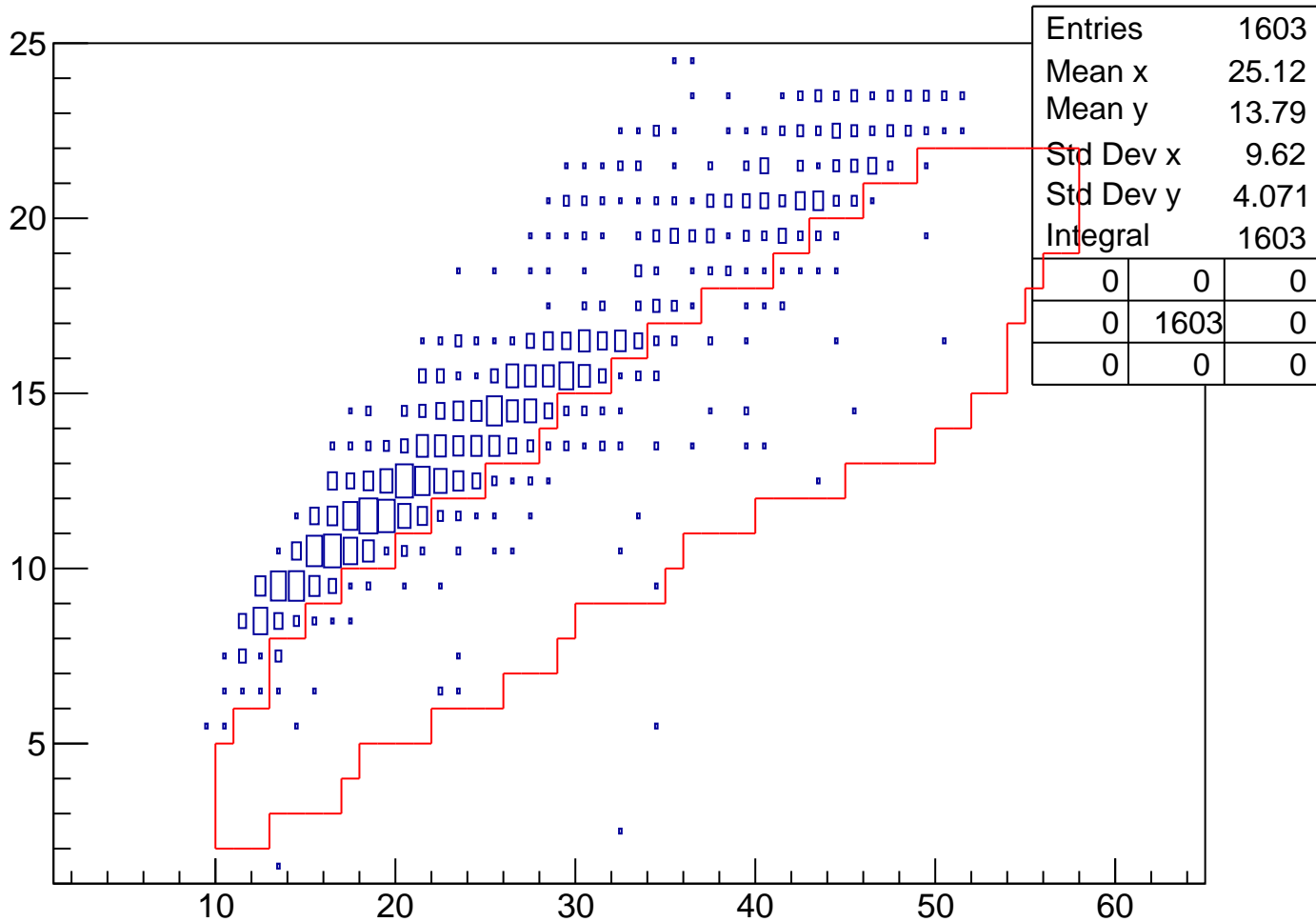
pKurama vs m2 Cut3 $1.2 < p_{\text{Kurama}}[0] < 1.4$



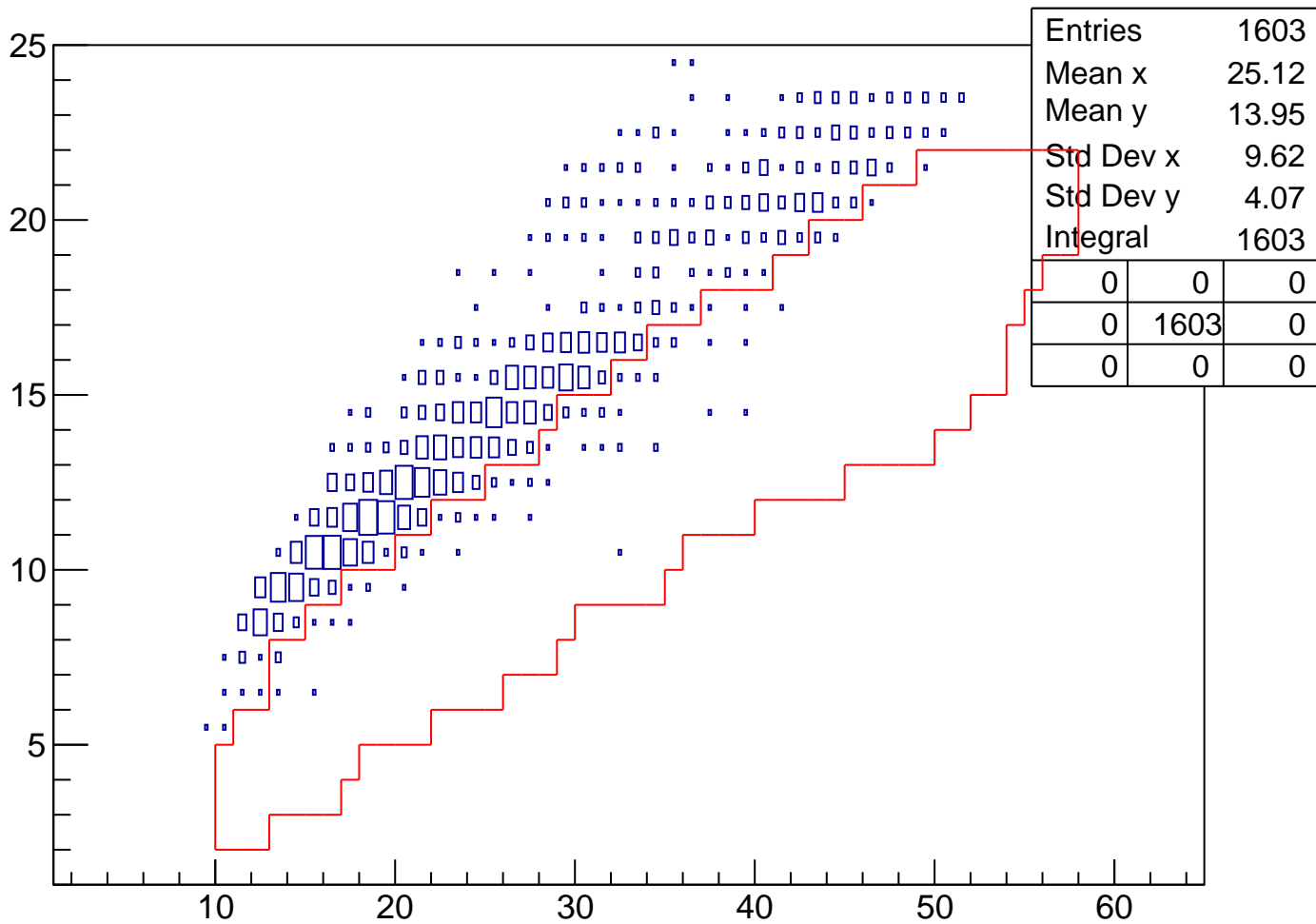
vpy[1] vs vpx[1] Cut3 1.2<pKurama[0]<1.4



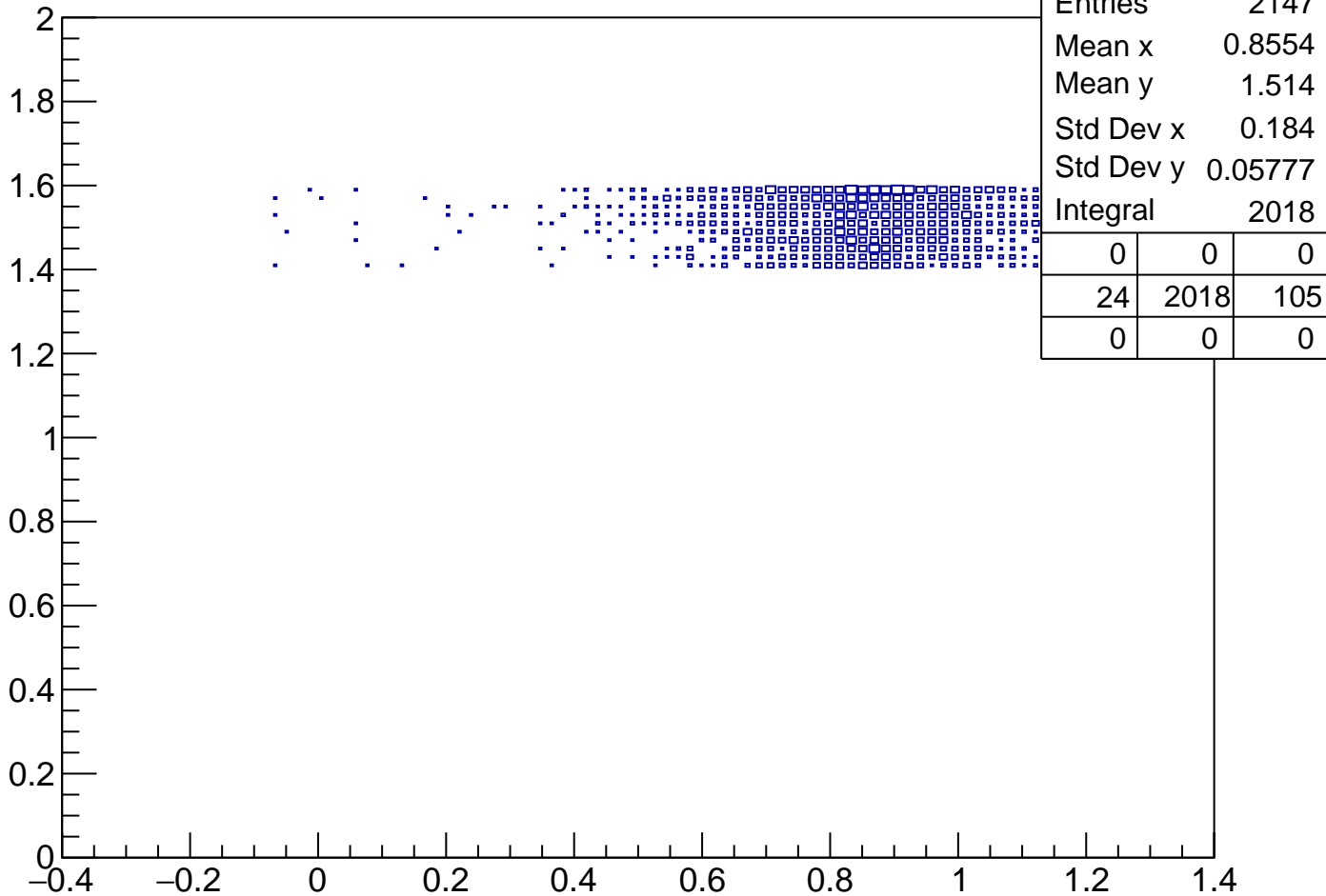
TofSeg[0] vs vpseg[1] Cut3 1.2<pKurama[0]<1.4



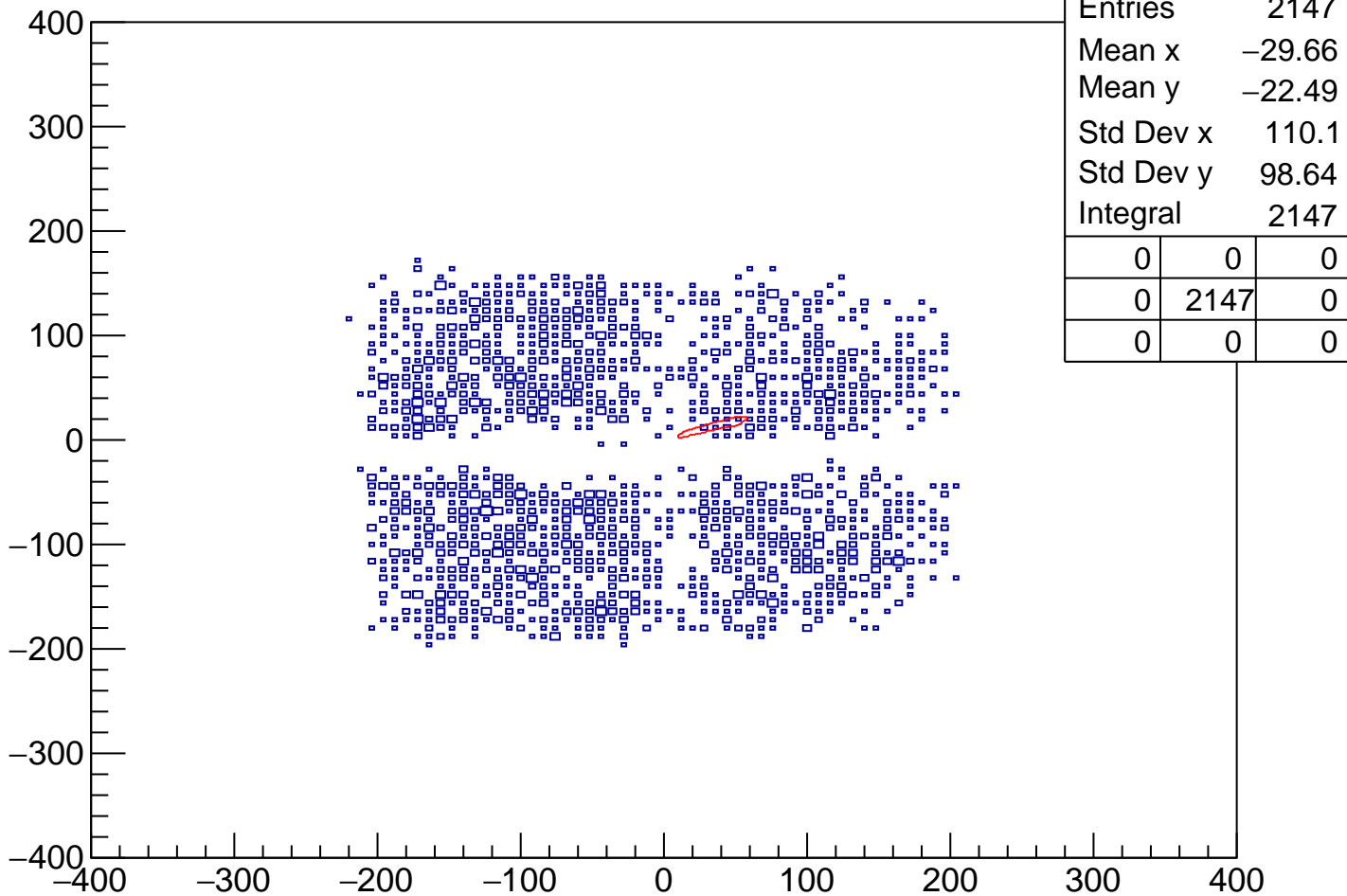
tofsegKurama[0] vs vpseg[1] Cut3 1.2<pKurama[0]<1.4



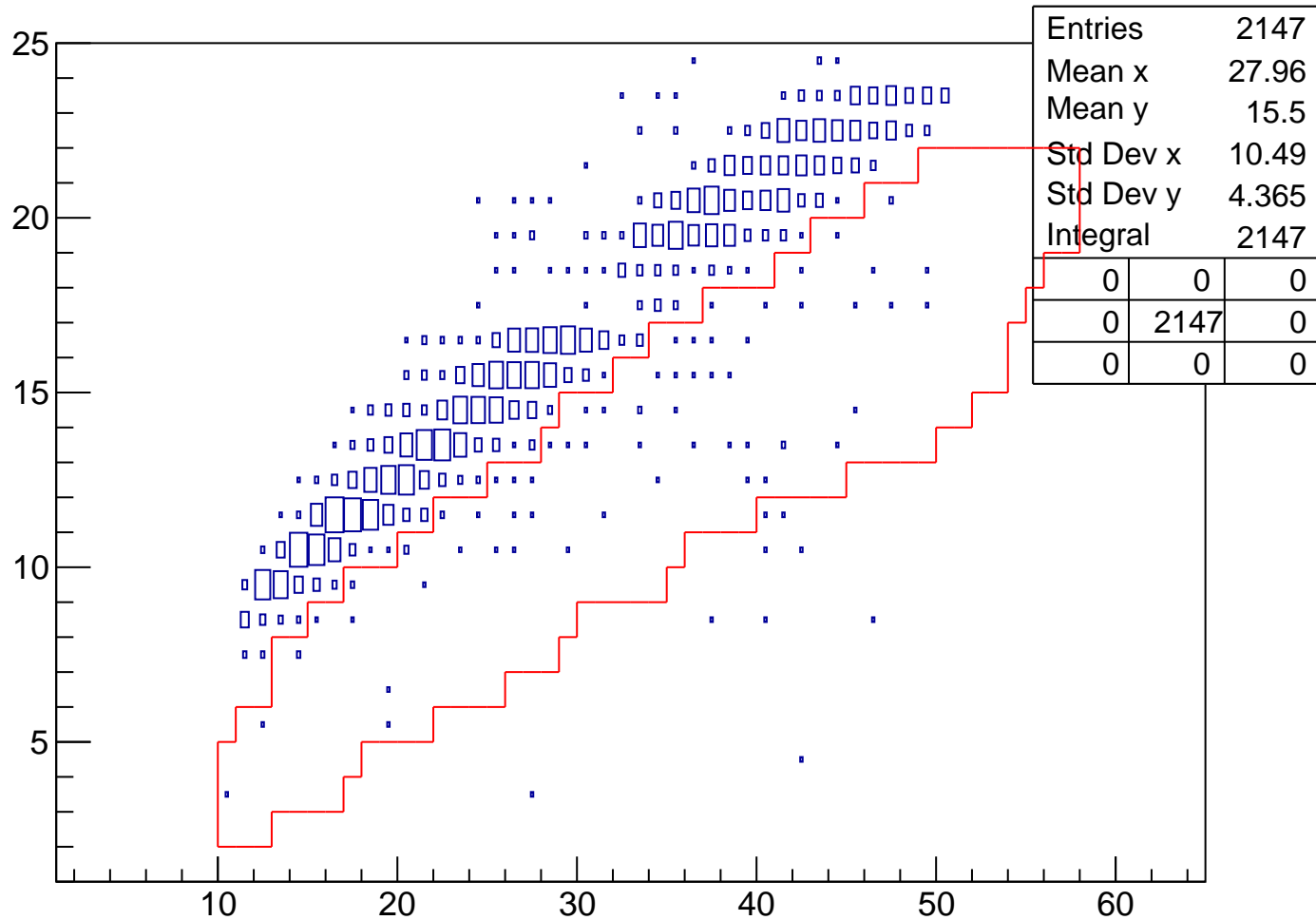
pKurama vs m2 Cut3 $1.4 < \text{pKurama}[0] < 1.6$



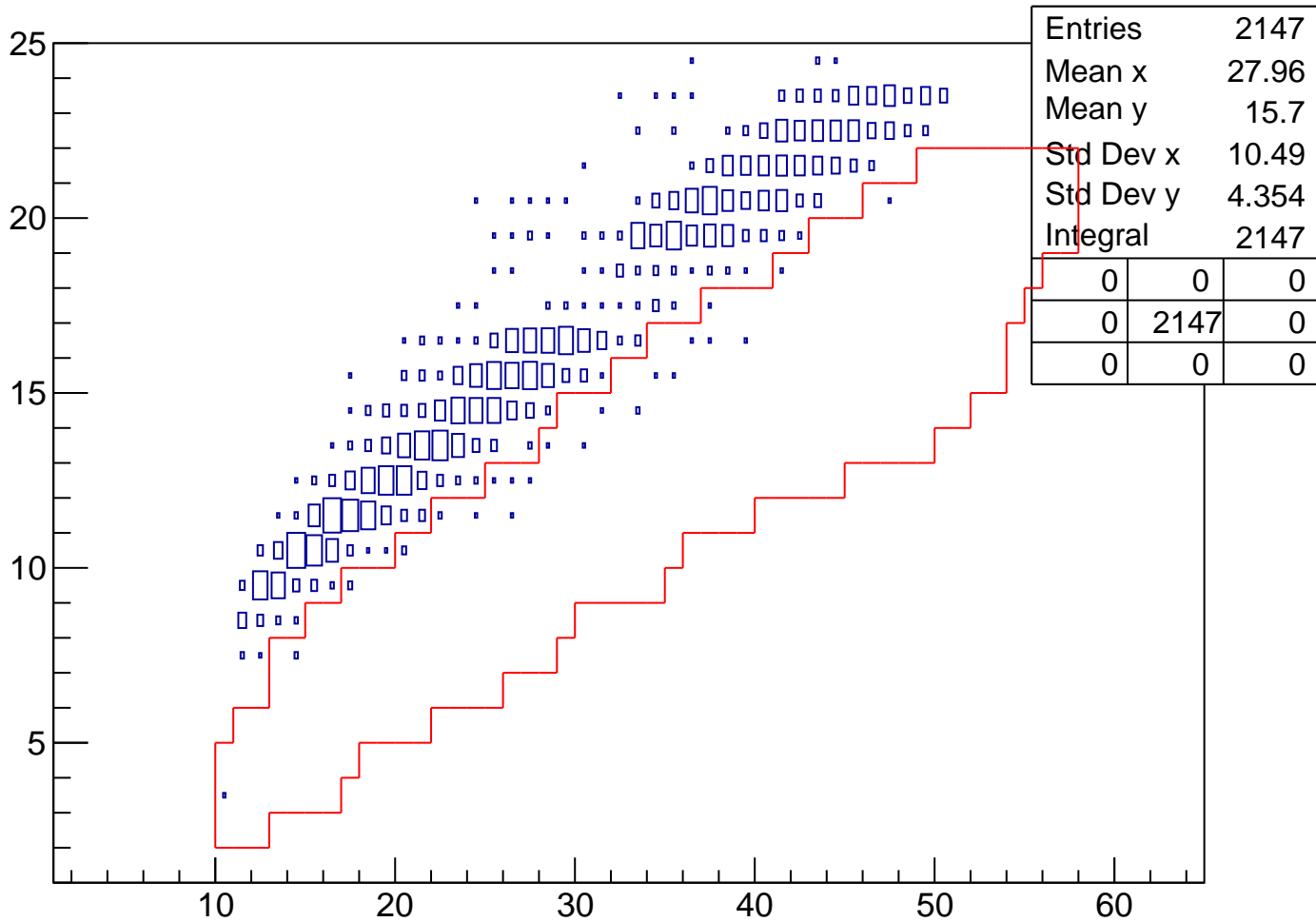
vpy[1] vs vpx[1] Cut3 1.4<pKurama[0]<1.6



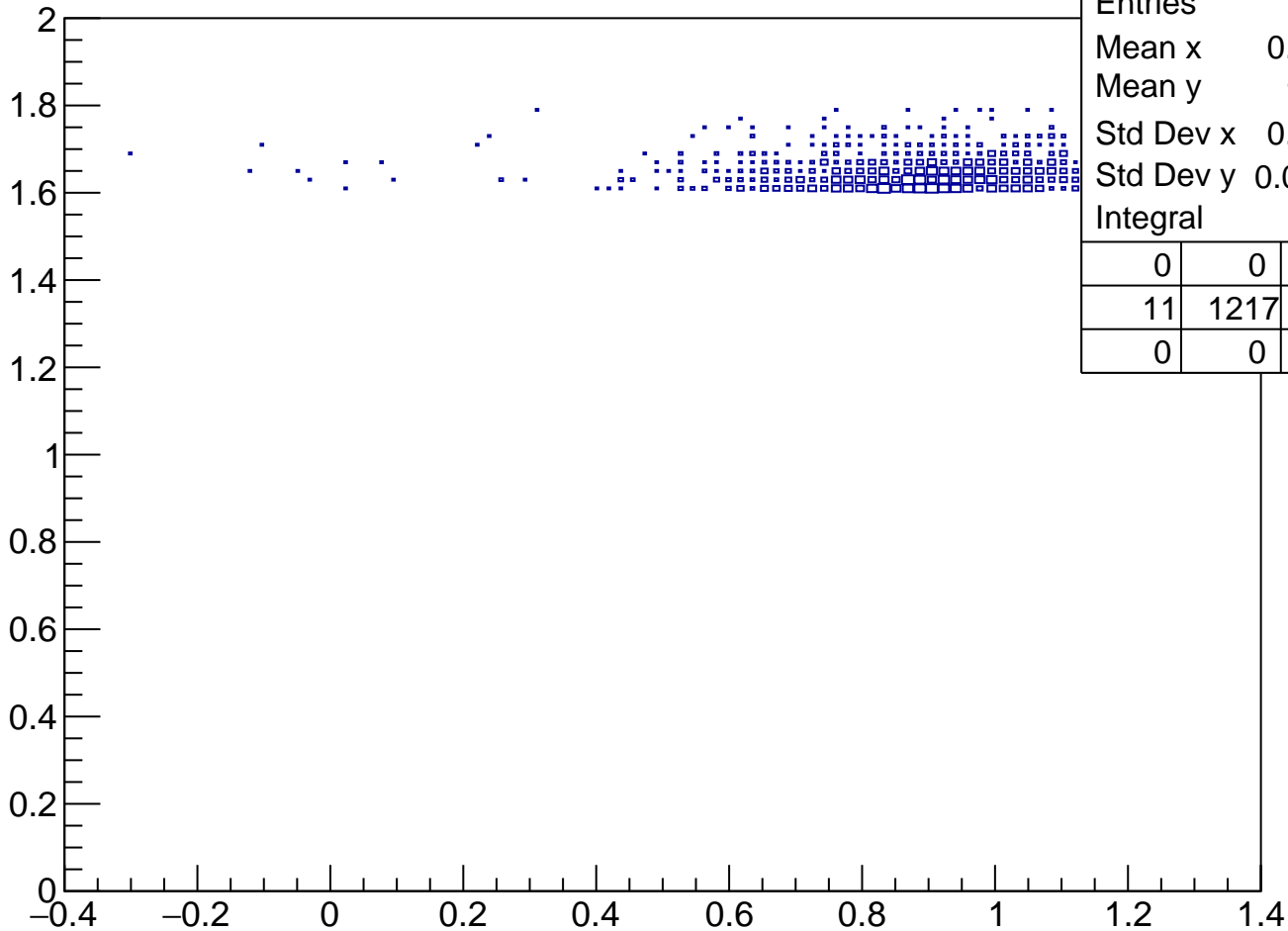
TofSeg[0] vs vpseg[1] Cut3 1.4<pKurama[0]<1.6



tofsegKurama[0] vs vpseg[1] Cut3 1.4<pKurama[0]<1.6

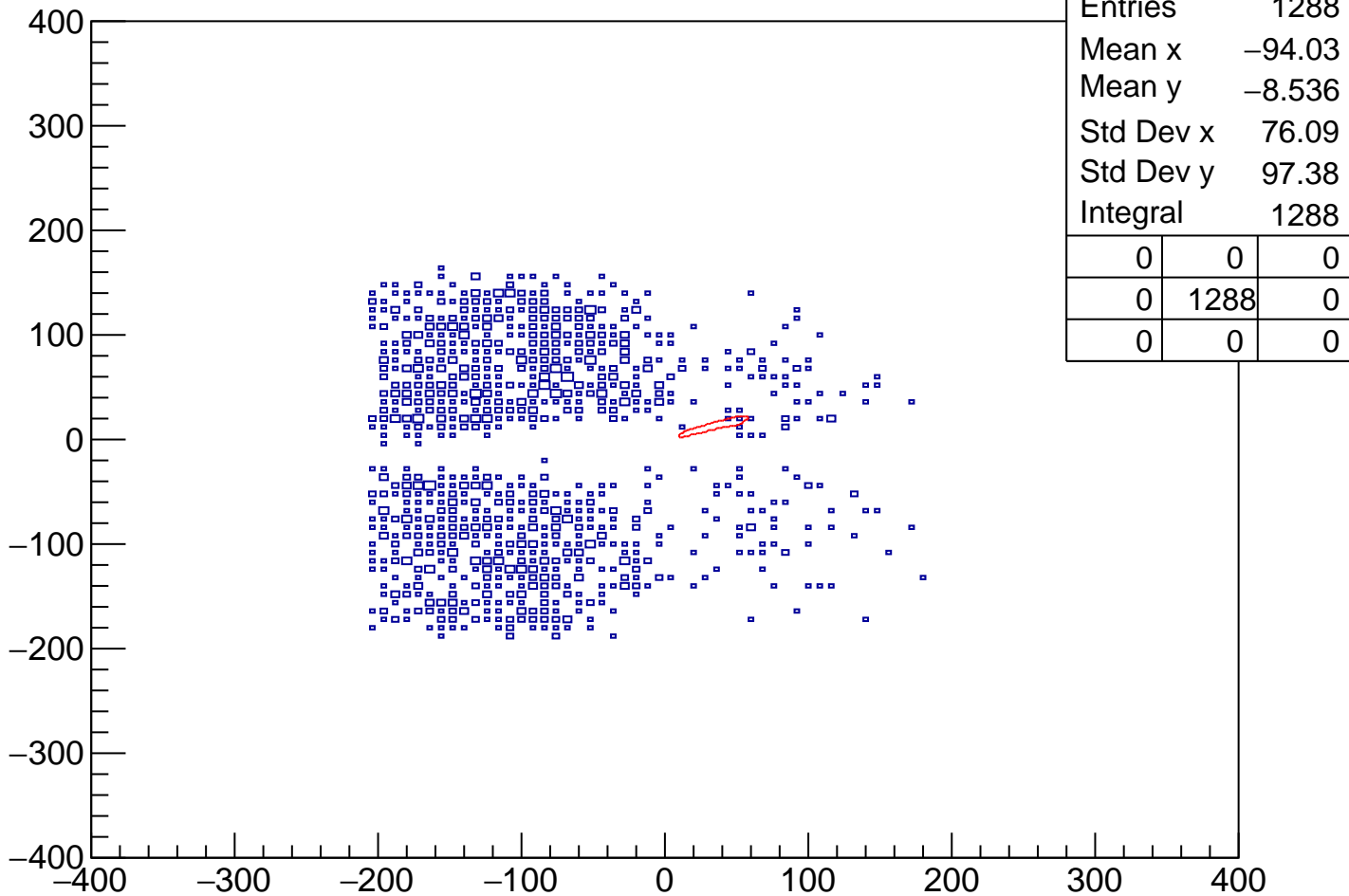


pKurama vs m2 Cut3 1.6<pKurama[0]<1.8

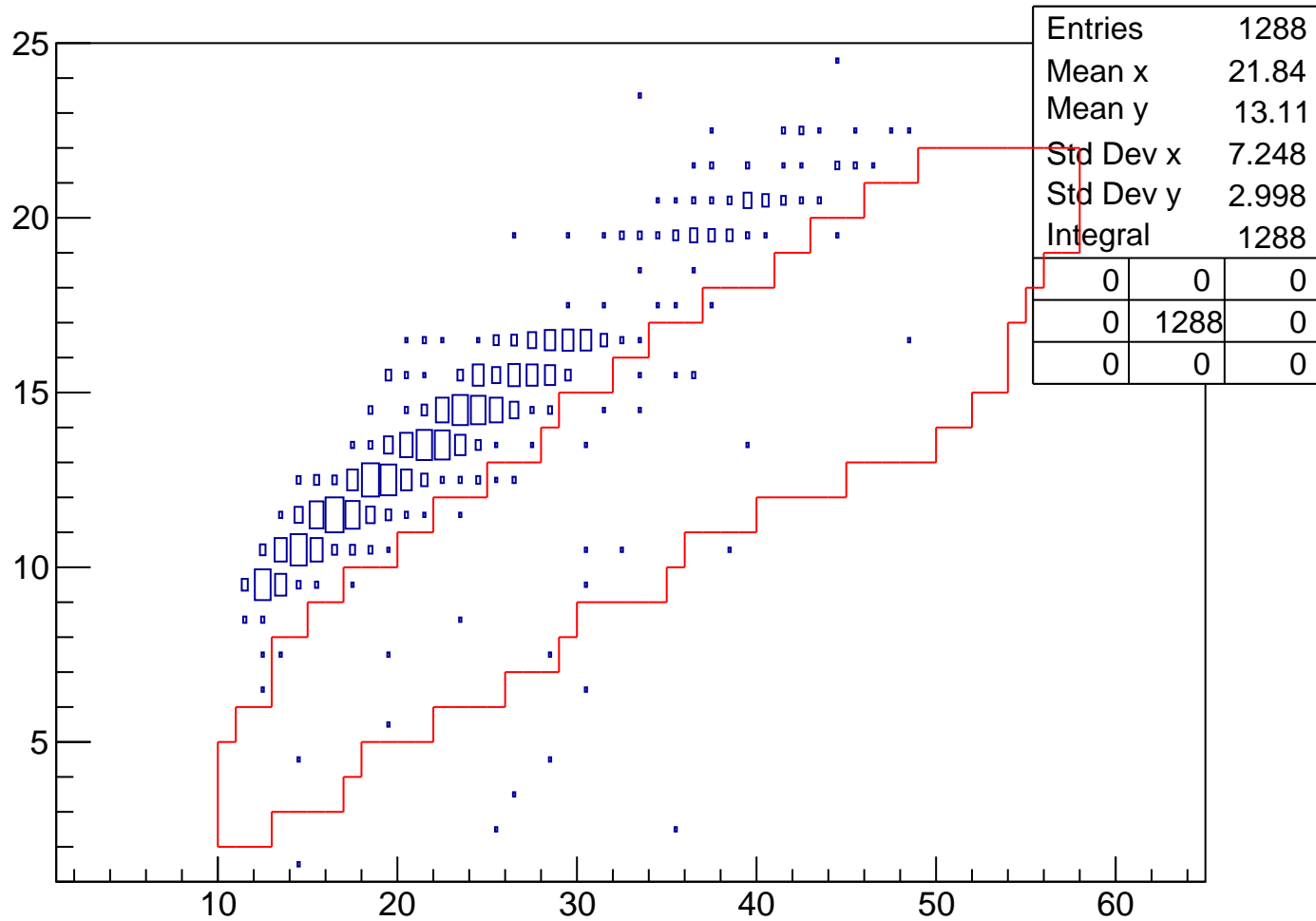


Entries	1288	
Mean x	0.9027	
Mean y	1.647	
Std Dev x	0.1955	
Std Dev y	0.03711	
Integral	1217	
0	0	0
11	1217	60
0	0	0

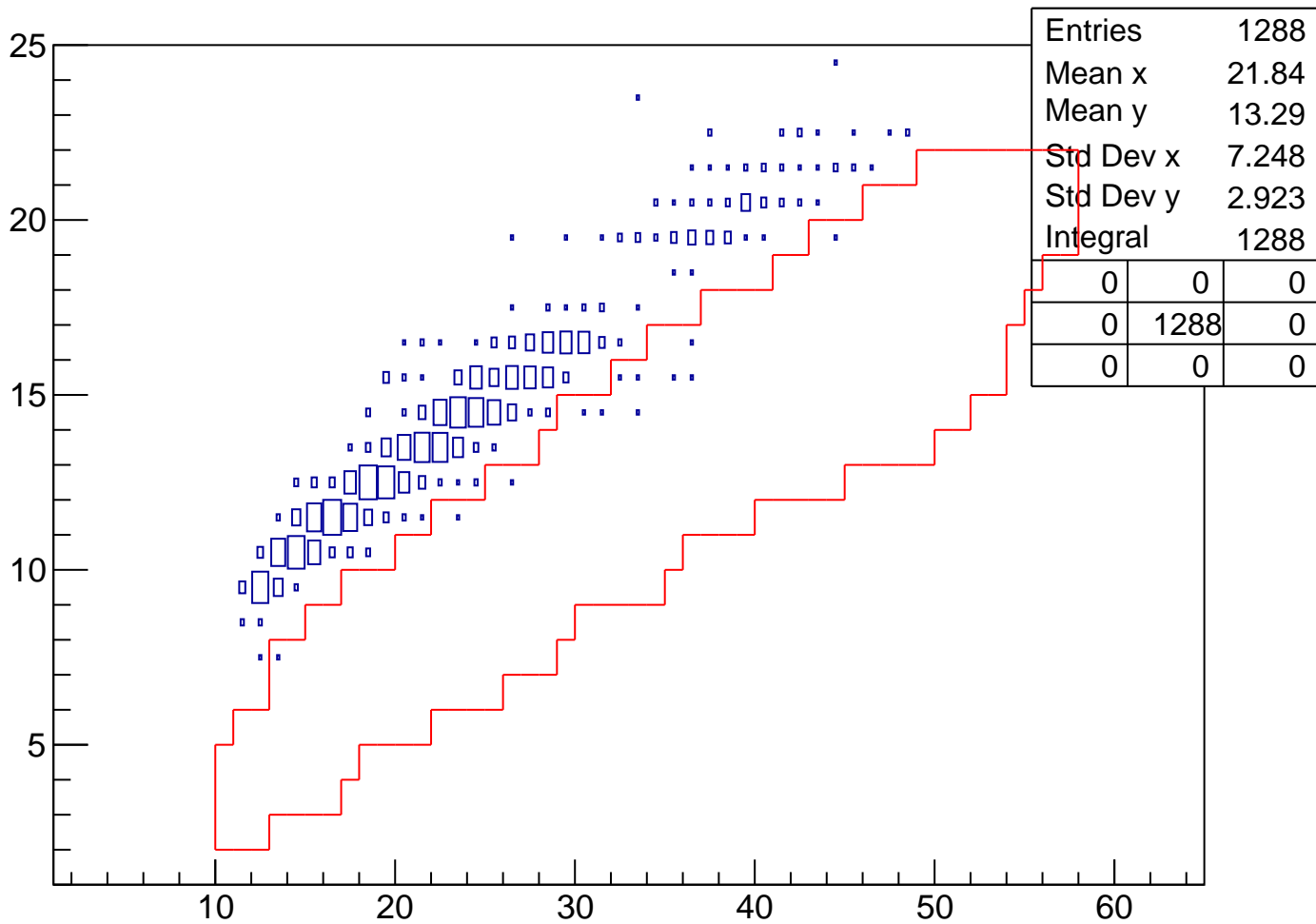
vpy[1] vs vpx[1] Cut3 1.6<pKurama[0]<1.8



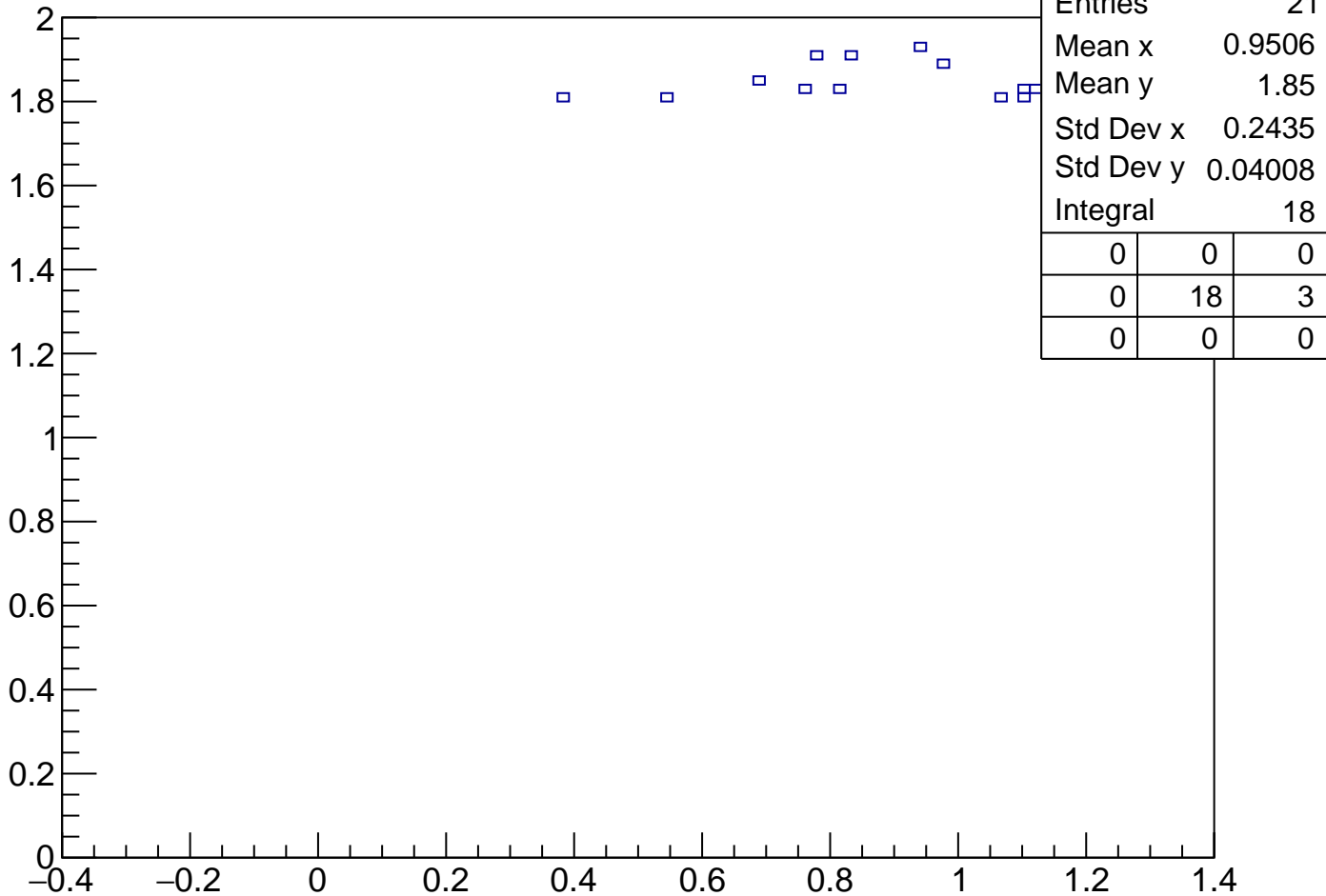
TofSeg[0] vs vpseg[1] Cut3 1.6<pKurama[0]<1.8



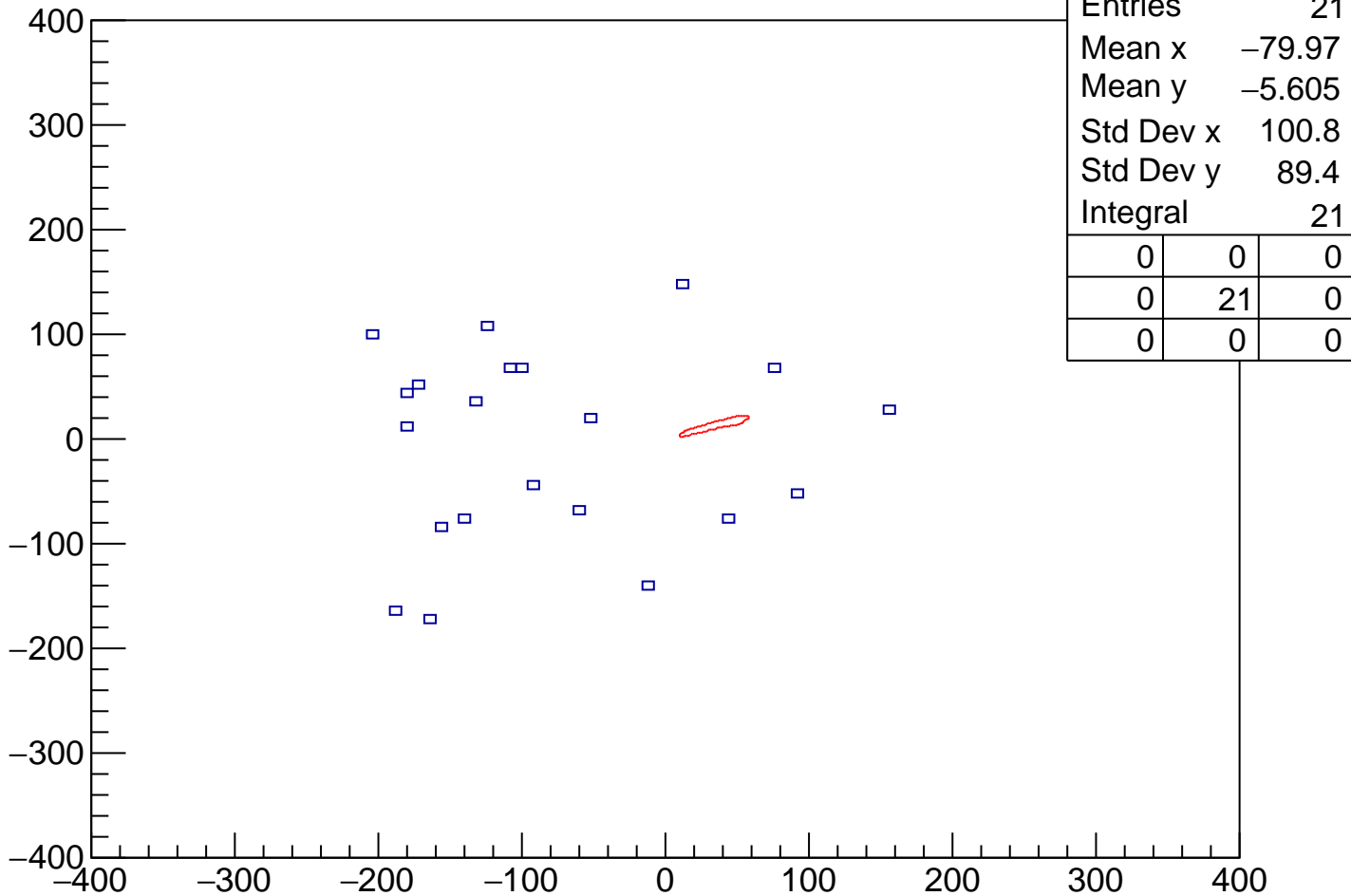
tofsegKurama[0] vs vpseg[1] Cut3 1.6<pKurama[0]<1.8



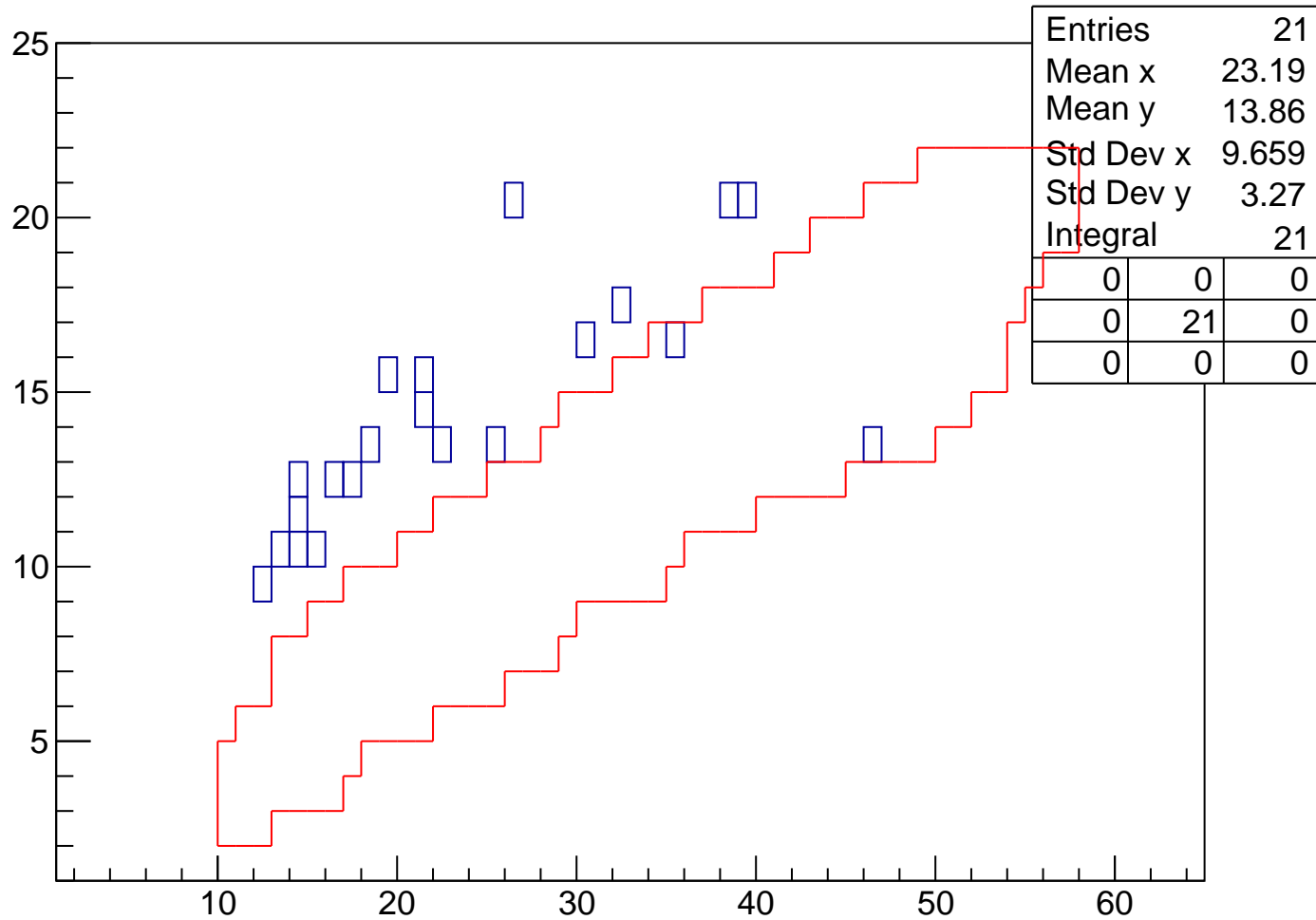
pKurama vs m2 Cut3 $1.8 < \text{pKurama}[0] < 2$



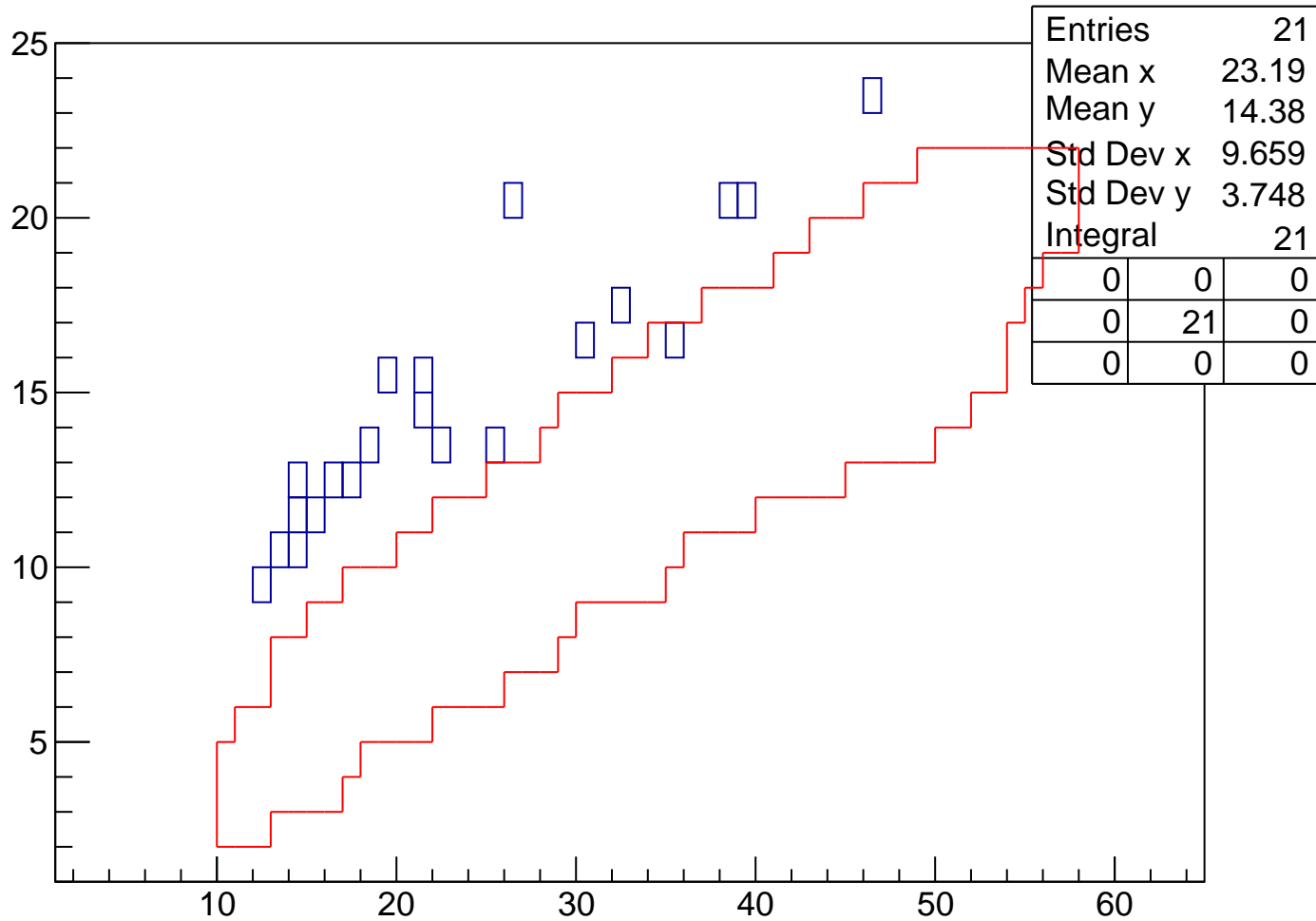
vpy[1] vs vpx[1] Cut3 1.8<pKurama[0]<2



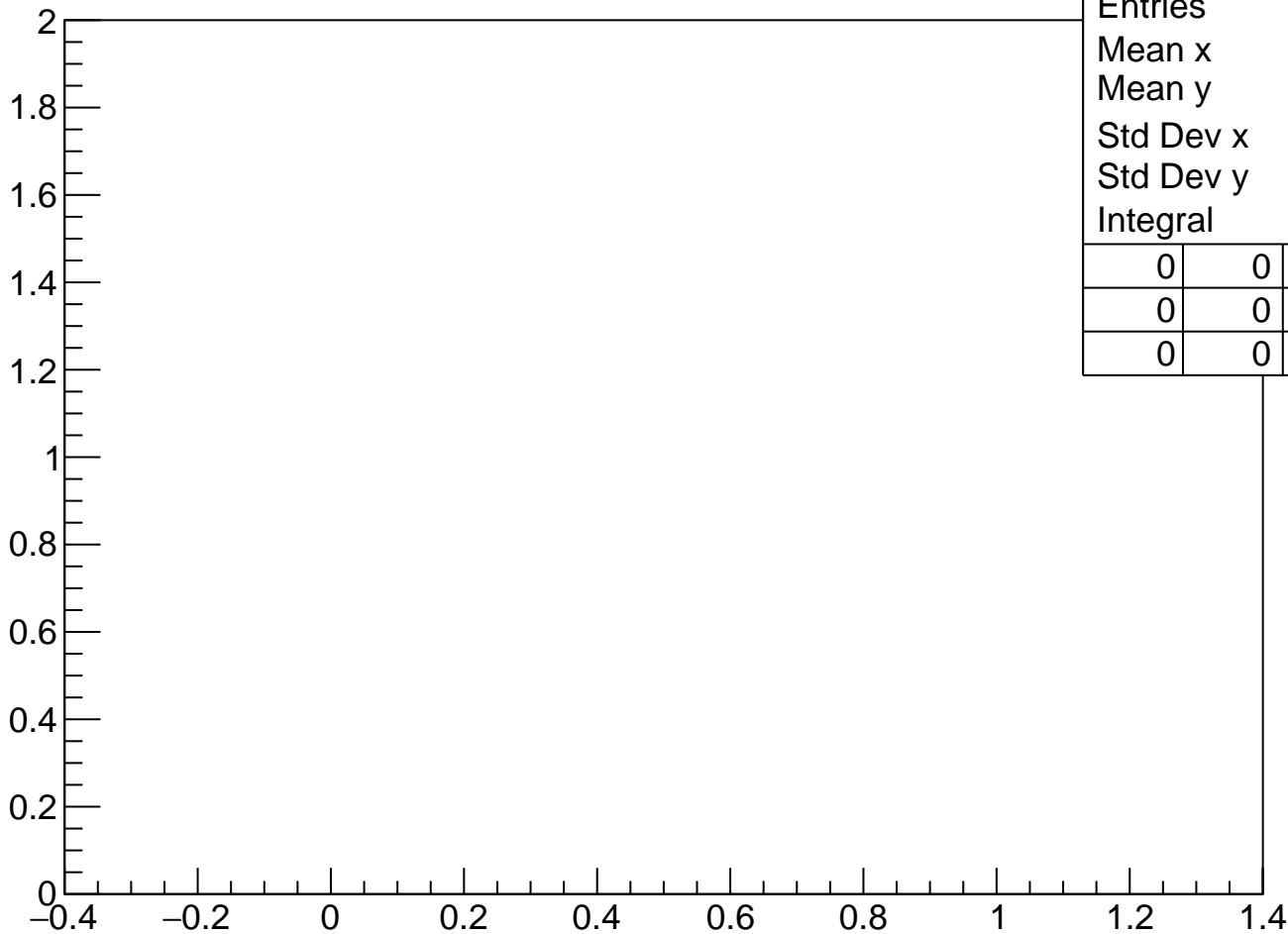
TofSeg[0] vs vpseg[1] Cut3 1.8<pKurama[0]<2



tofsegKurama[0] vs vpseg[1] Cut3 1.8<pKurama[0]<2



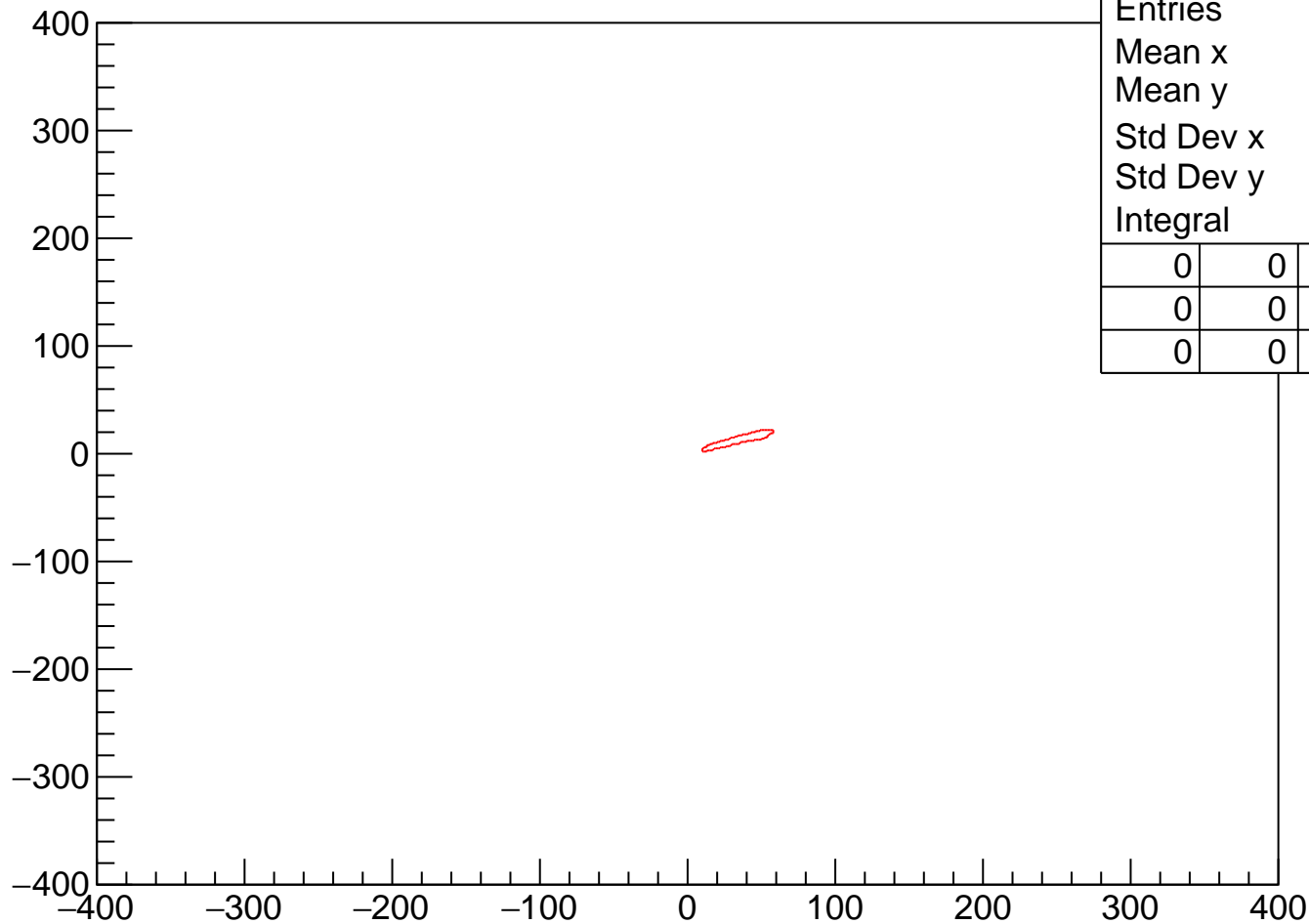
pKurama vs m2 Cut4 $0 < \text{pKurama}[0] < 0.2$



Entries	0		
Mean x	0		
Mean y	0		
Std Dev x	0		
Std Dev y	0		
Integral	0		
0	0	0	
0	0	0	
0	0	0	

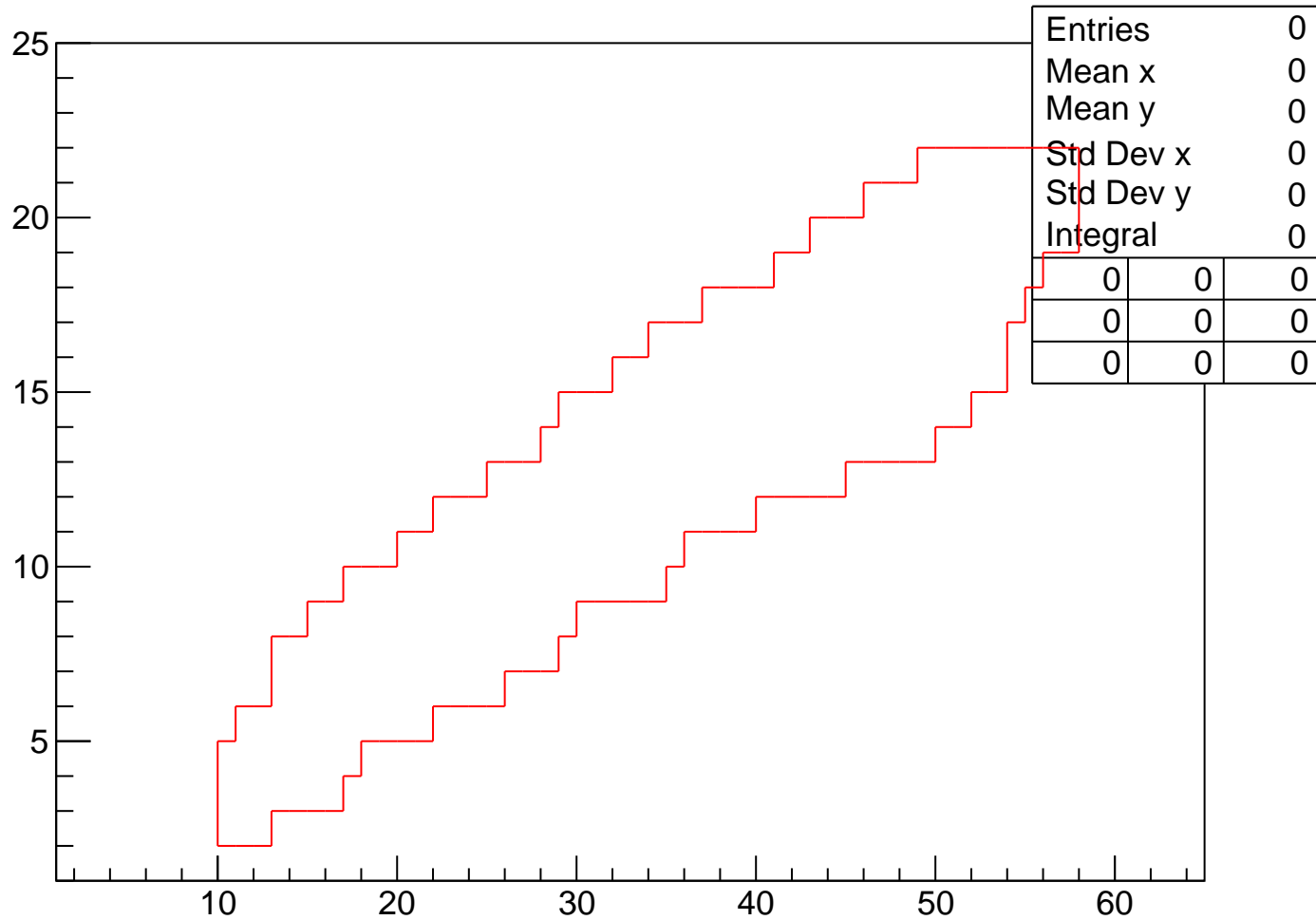
vpy[1] vs vpx[1]

Cut4 0<pKurama[0]<0.2

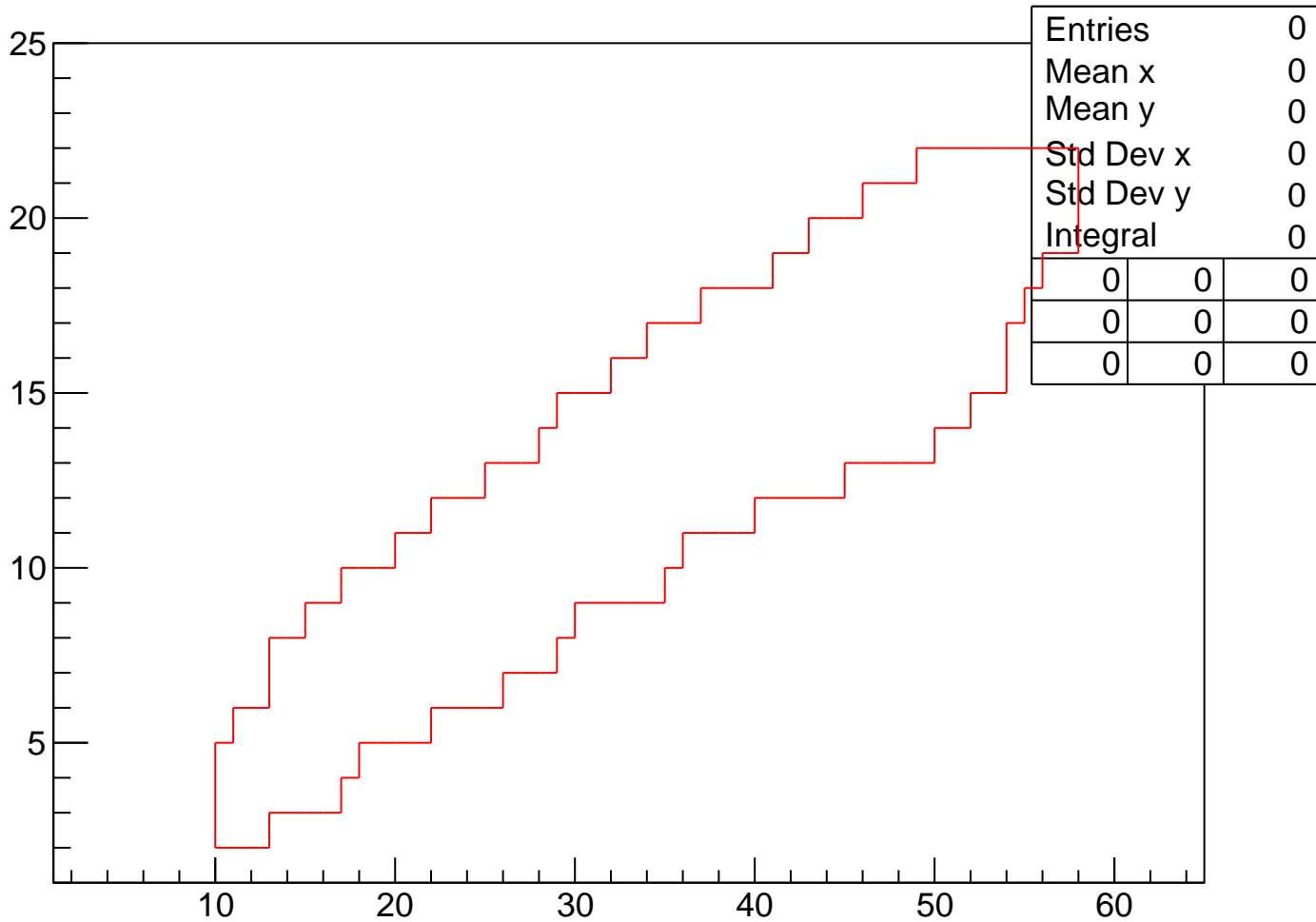


Entries	0		
Mean x	0		
Mean y	0		
Std Dev x	0		
Std Dev y	0		
Integral	0		
0	0	0	
0	0	0	
0	0	0	

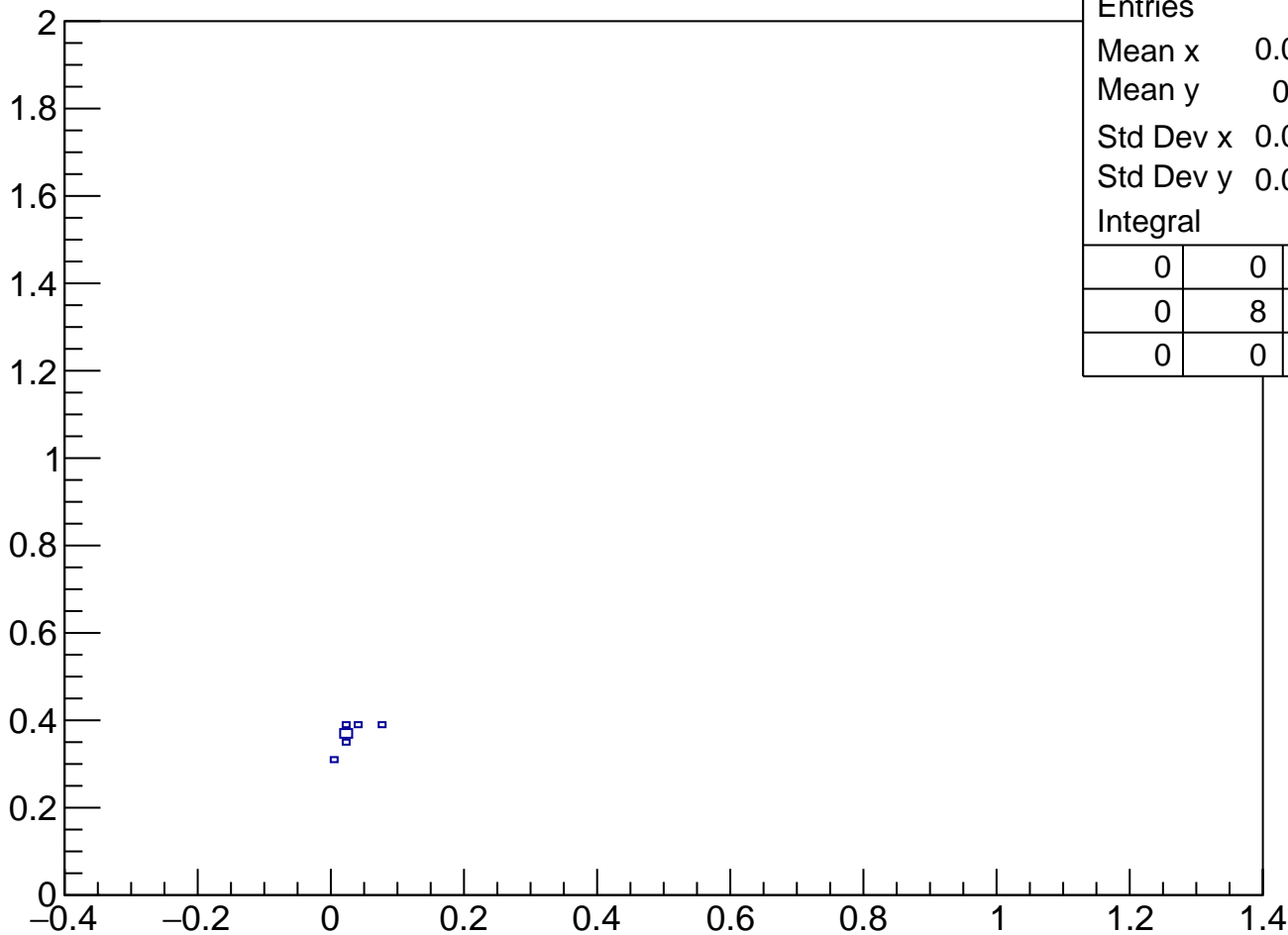
TofSeg[0] vs vpseg[1] Cut4 0<pKurama[0]<0.2



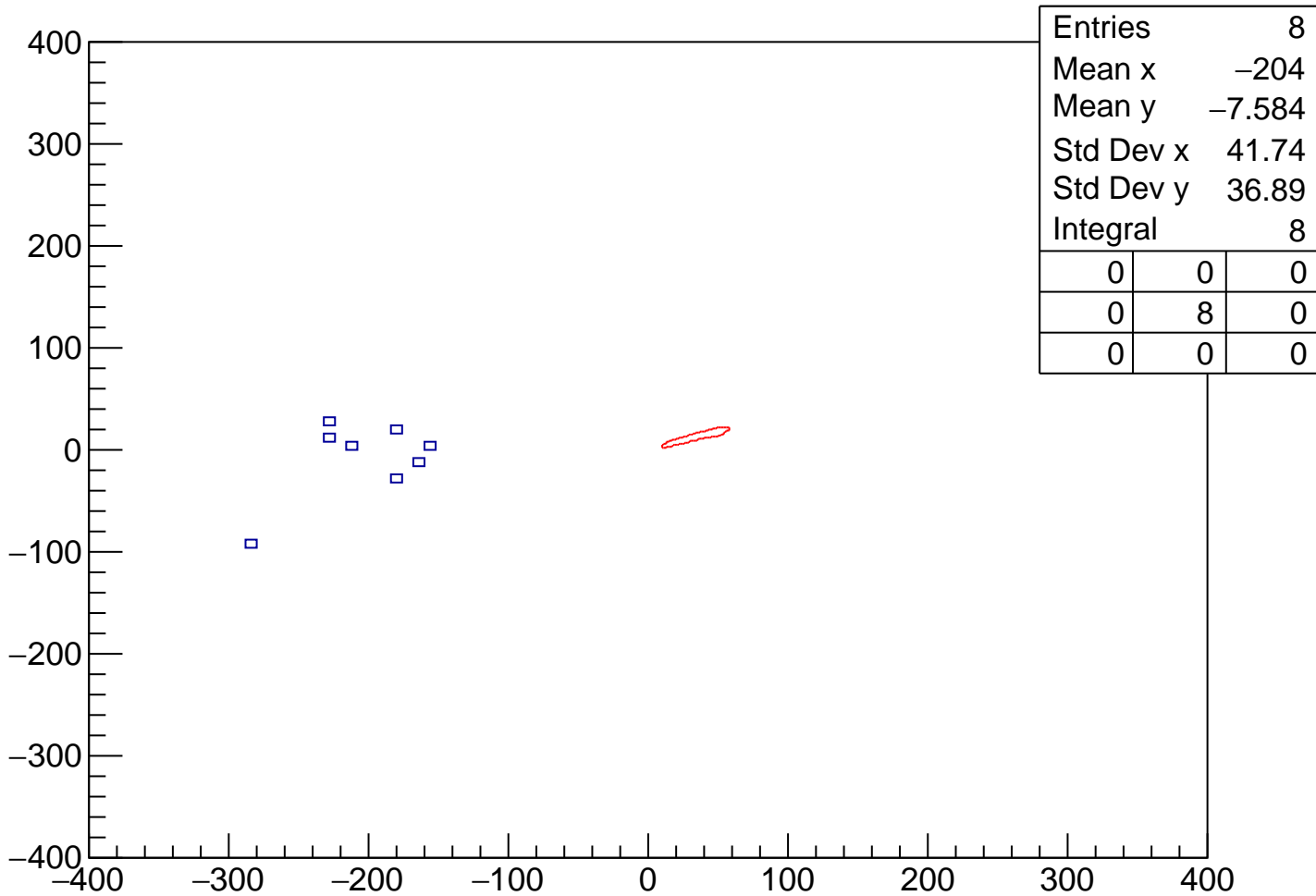
tofsegKurama[0] vs vpseg[1] Cut4 $0 < p_{Kurama[0]} < 0.2$



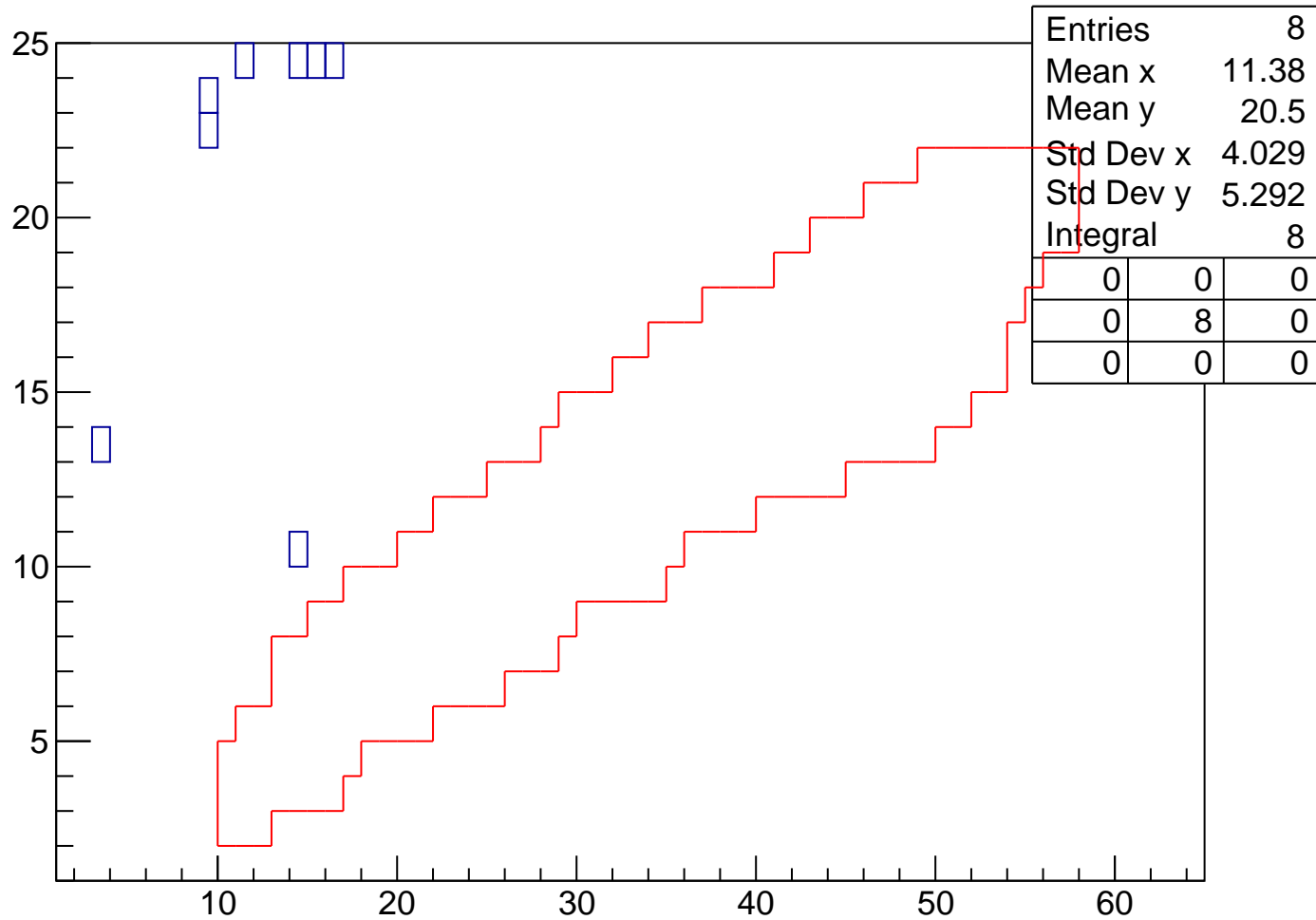
pKurama vs m2 Cut4 $0.2 < \text{pKurama}[0] < 0.4$



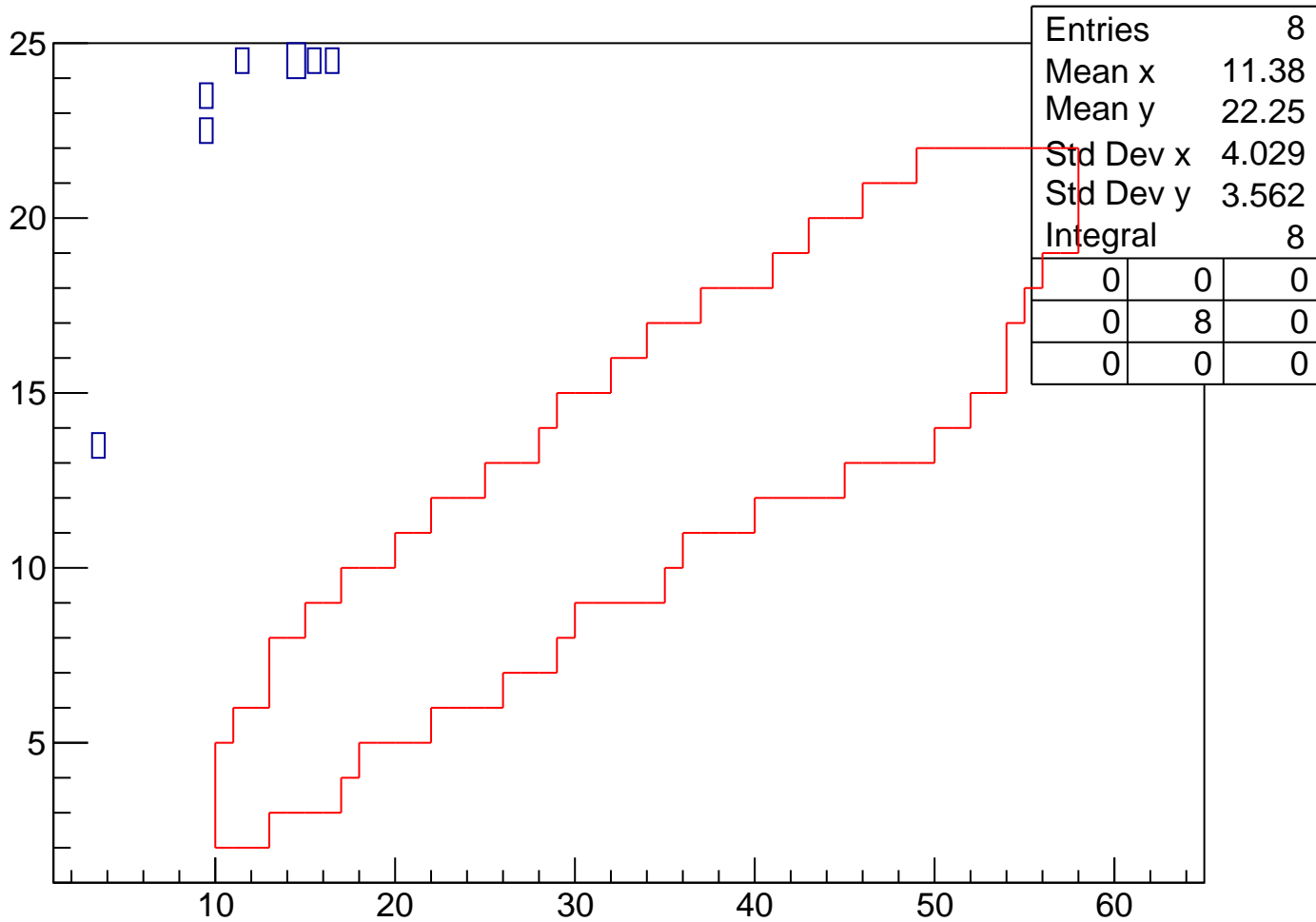
vpy[1] vs vpx[1] Cut4 0.2<pKurama[0]<0.4



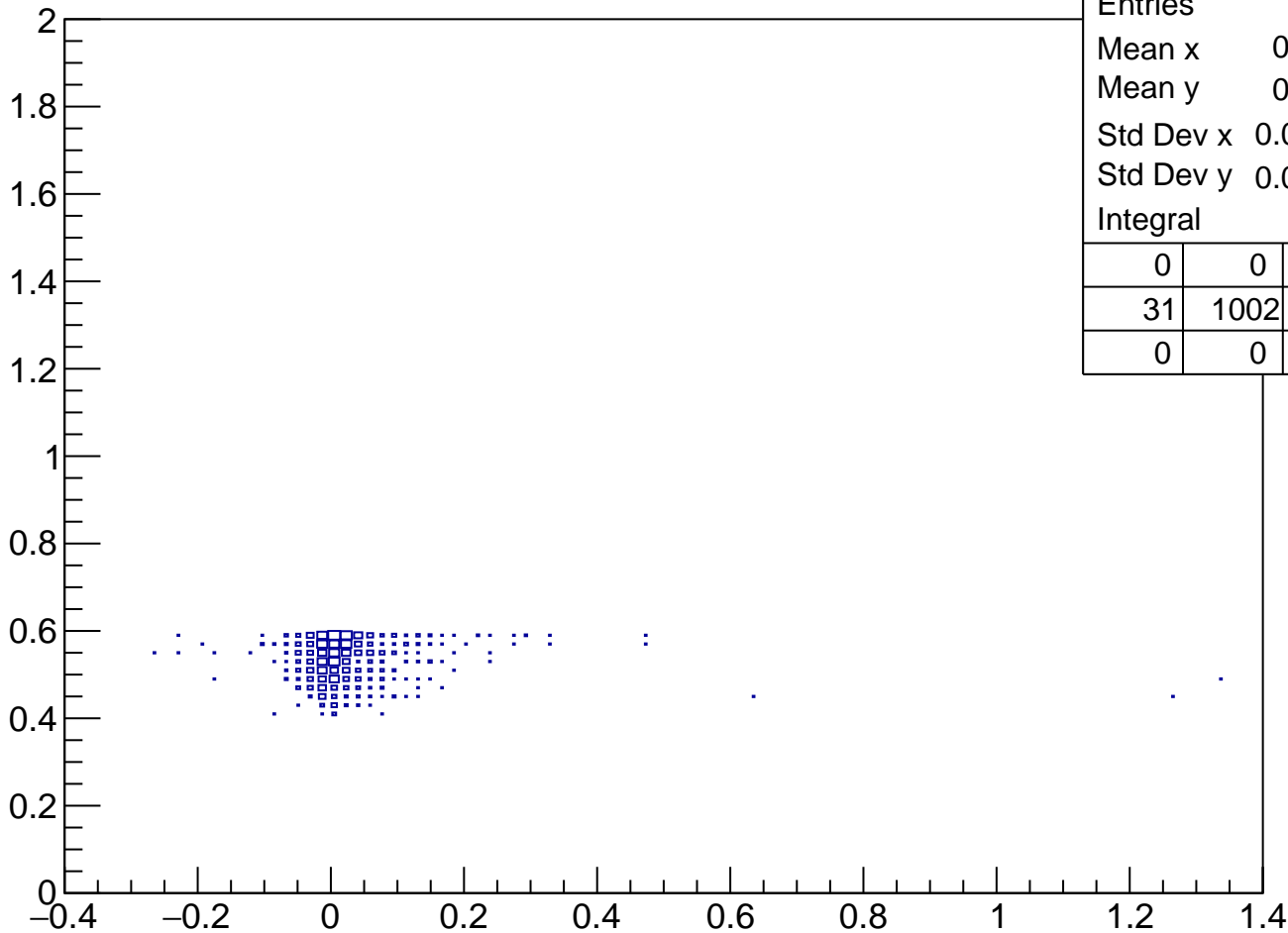
TofSeg[0] vs vpseg[1] Cut4 0.2<pKurama[0]<0.4



tofsegKurama[0] vs vpseg[1] Cut4 0.2<pKurama[0]<0.4

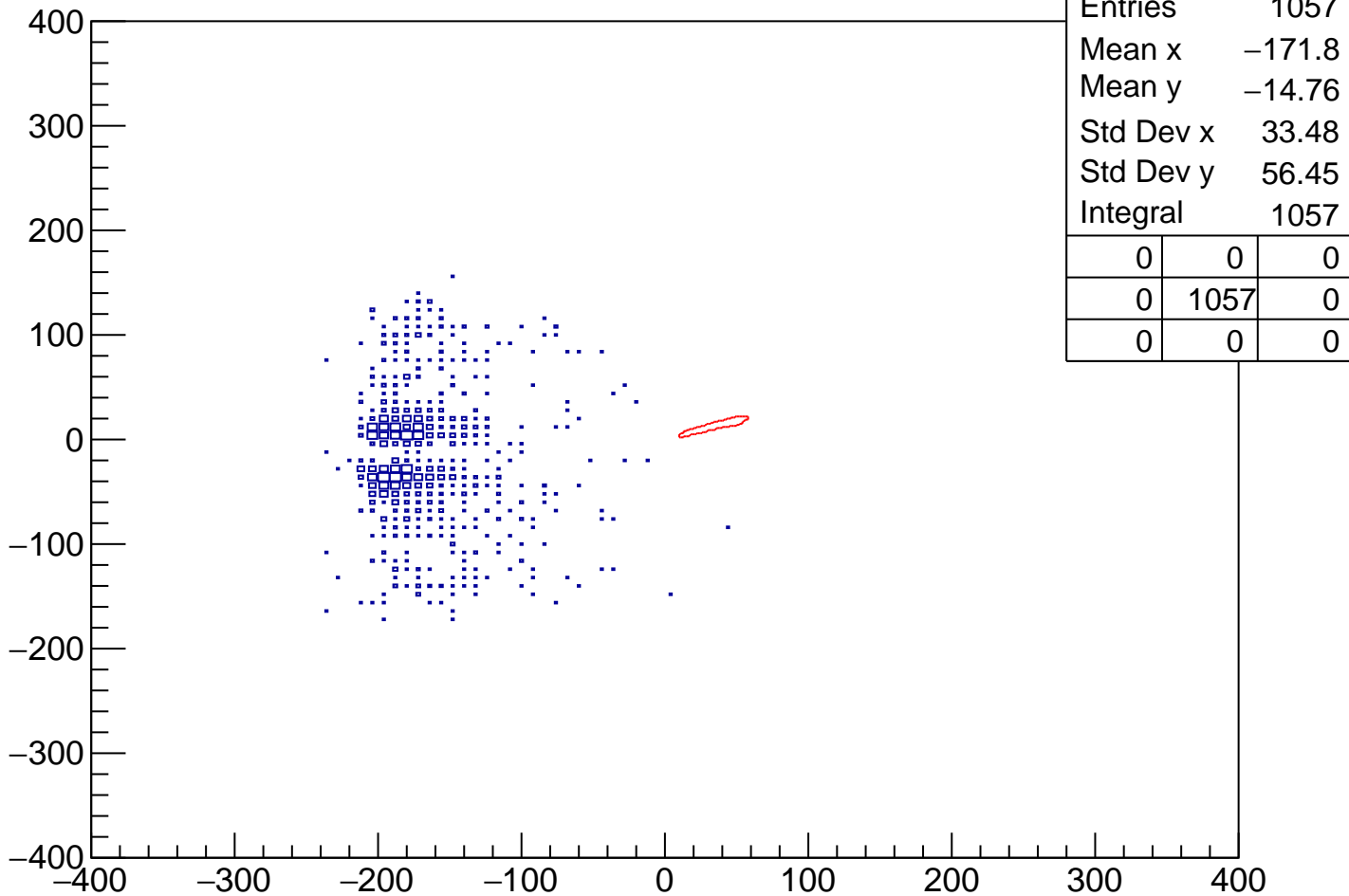


pKurama vs m2 Cut4 $0.4 < \text{pKurama}[0] < 0.6$

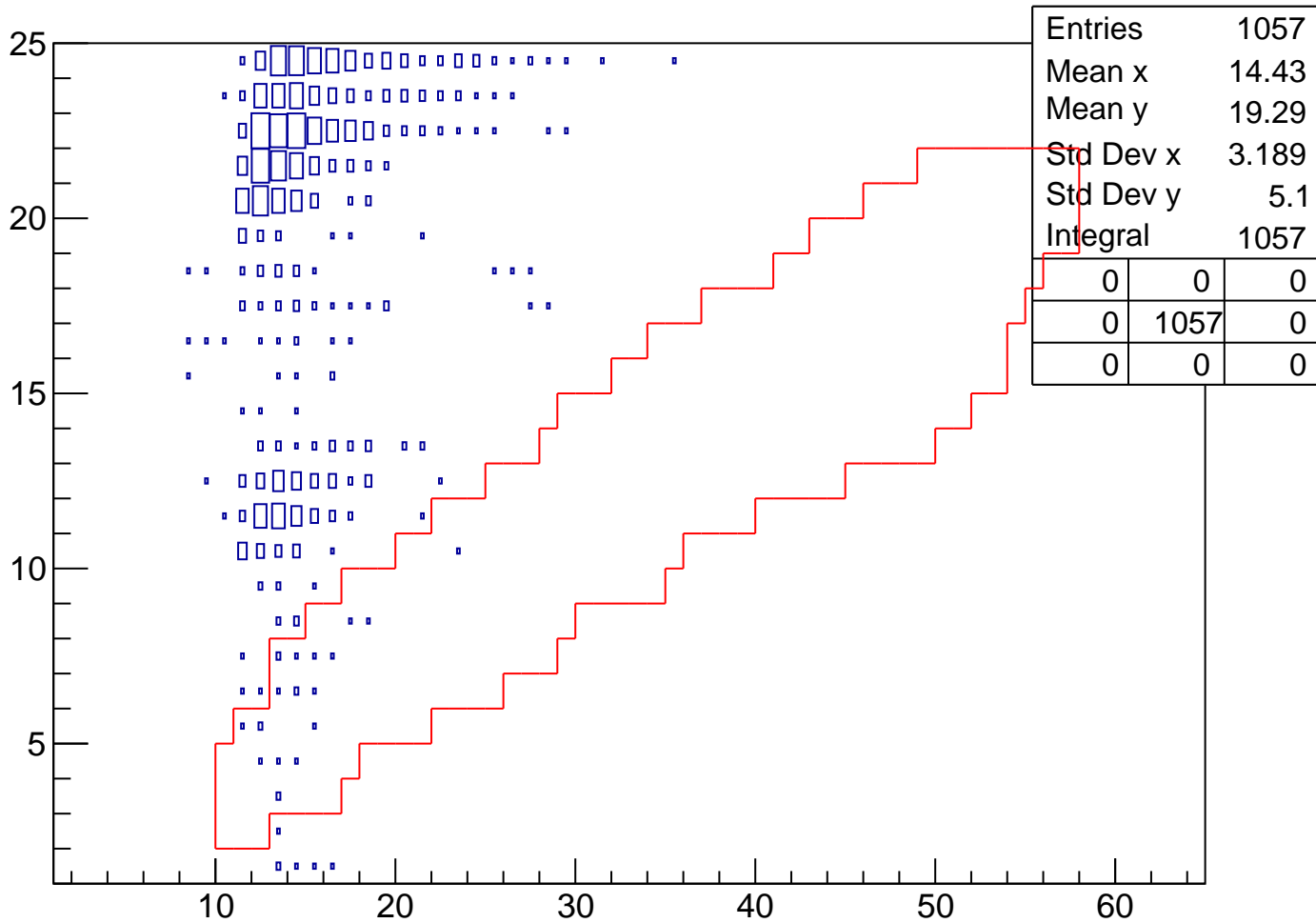


Entries	1057		
Mean x	0.0178		
Mean y	0.5374		
Std Dev x	0.08358		
Std Dev y	0.04577		
Integral	1002		
0	0	0	
31	1002	24	
0	0	0	

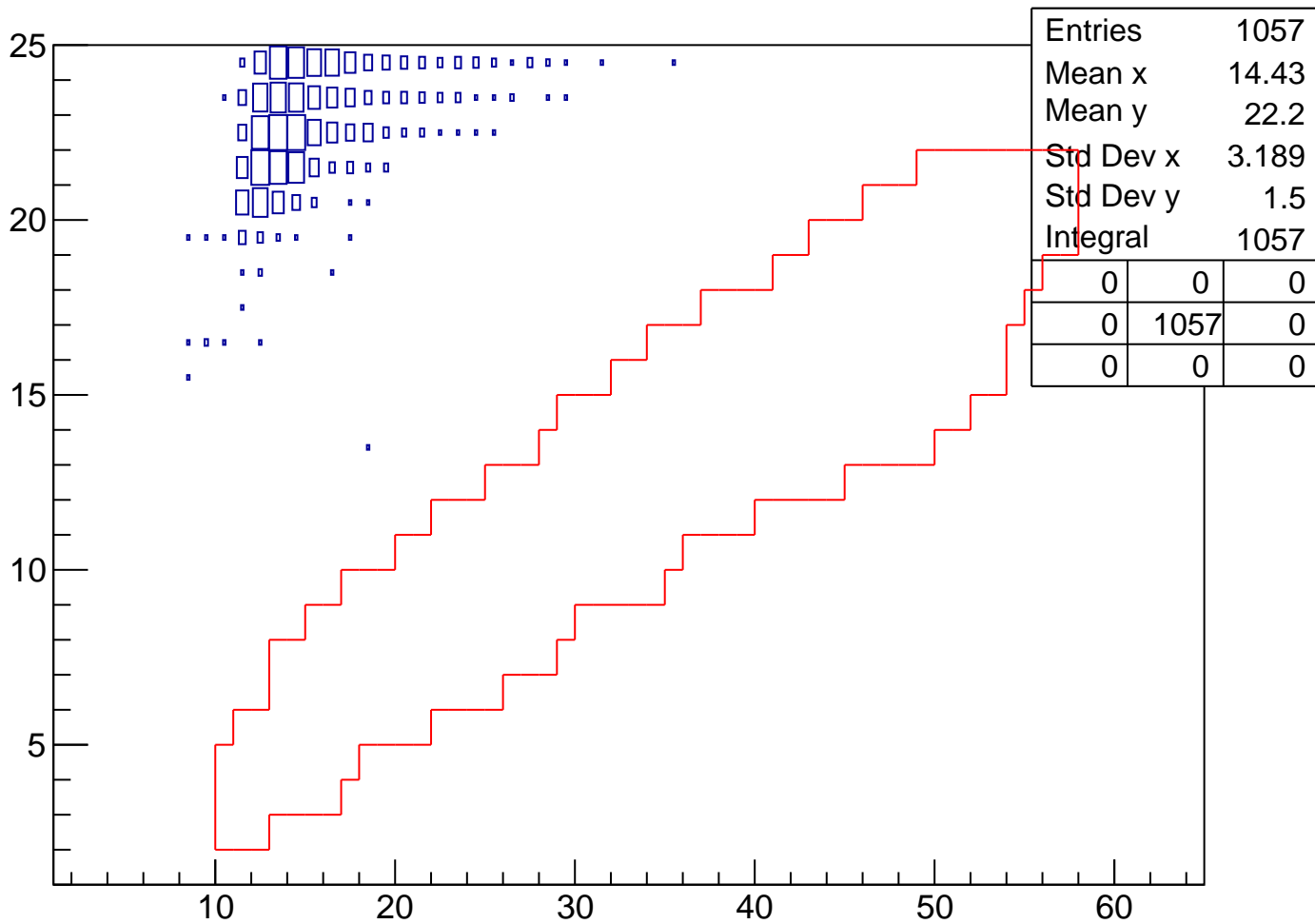
vpy[1] vs vpx[1] Cut4 0.4<pKurama[0]<0.6



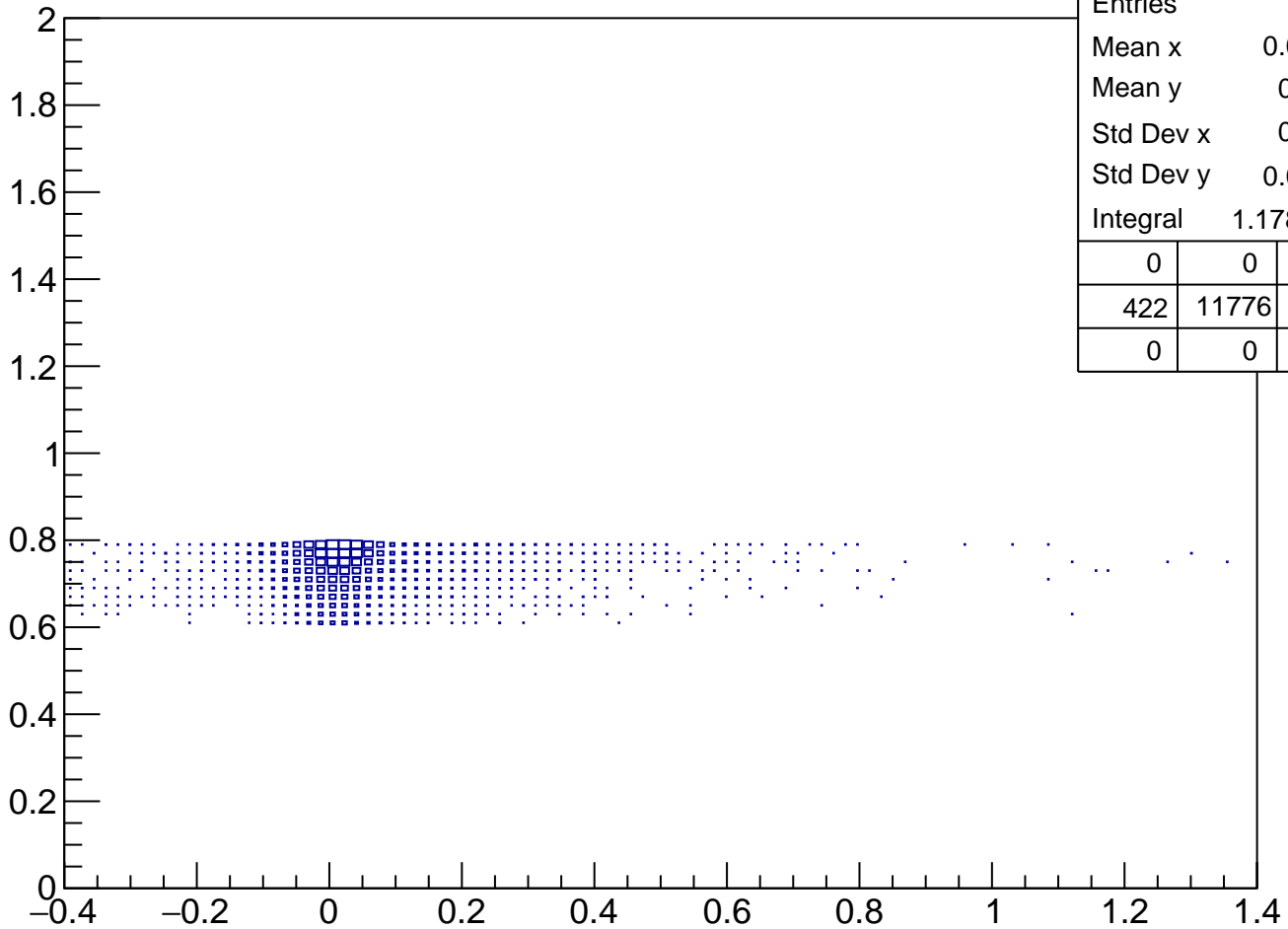
TofSeg[0] vs vpseg[1] Cut4 0.4<pKurama[0]<0.6



tofsegKurama[0] vs vpseg[1] Cut4 $0.4 < p_{\text{Kurama}[0]} < 0.6$

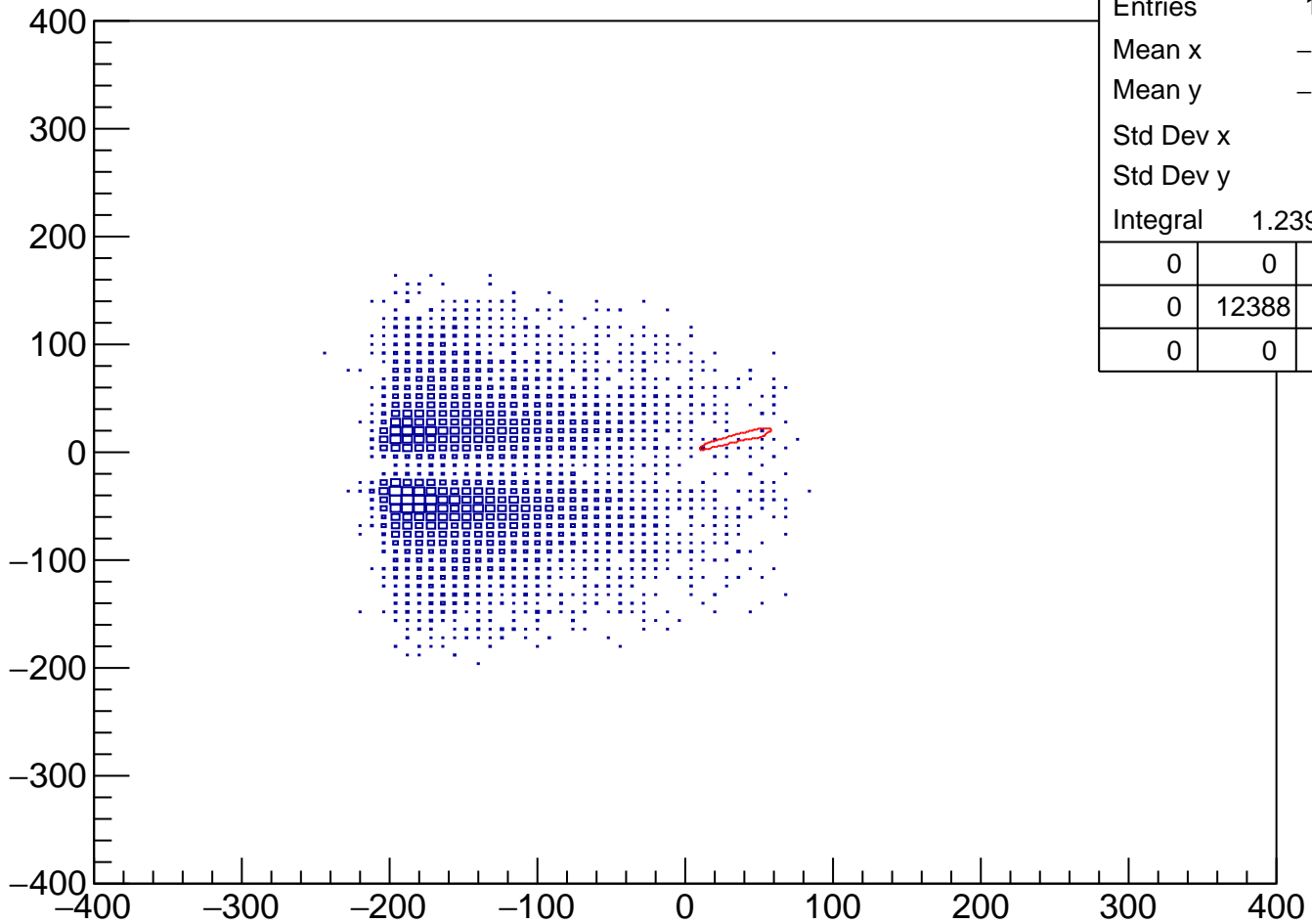


pKurama vs m2 Cut4 0.6<pKurama[0]<0.8



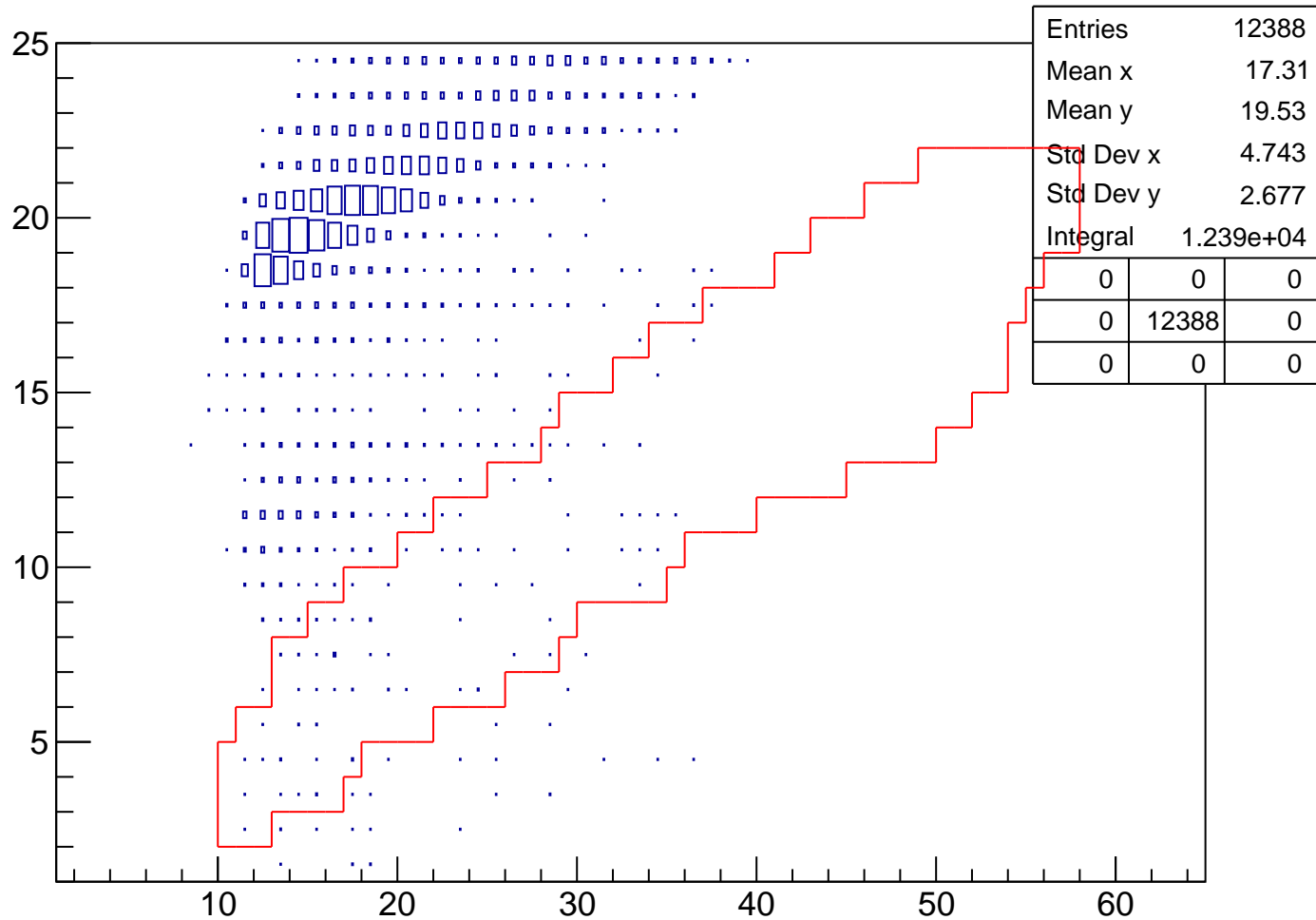
Entries	12388	
Mean x	0.02697	
Mean y	0.7392	
Std Dev x	0.1025	
Std Dev y	0.04752	
Integral	1.178e+04	
0	0	0
422	11776	190
0	0	0

vpy[1] vs vpx[1] Cut4 0.6<pKurama[0]<0.8

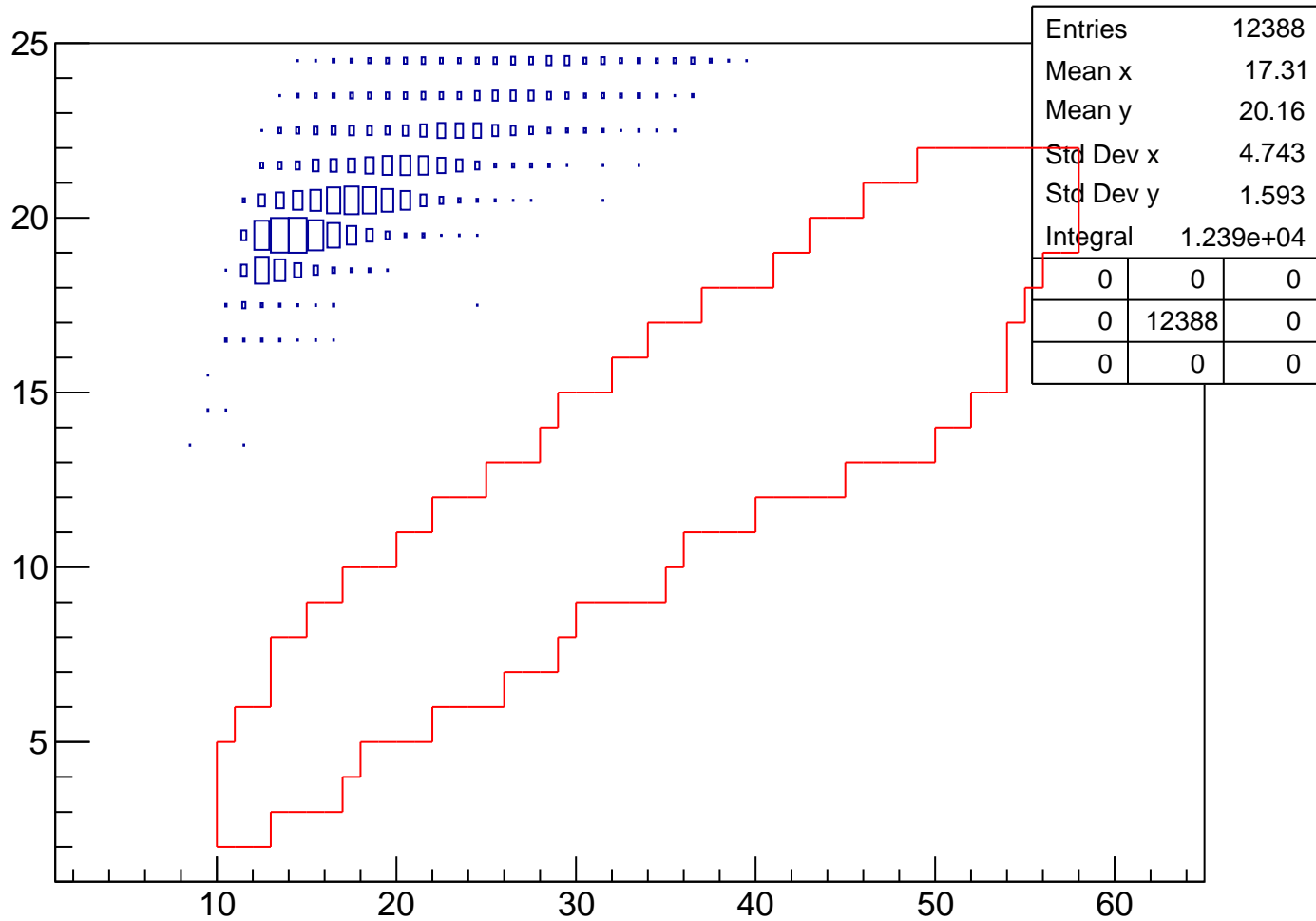


Entries	12388	
Mean x	-141.4	
Mean y	-18.07	
Std Dev x	49.72	
Std Dev y	57.28	
Integral	1.239e+04	
0	0	0
0	12388	0
0	0	0

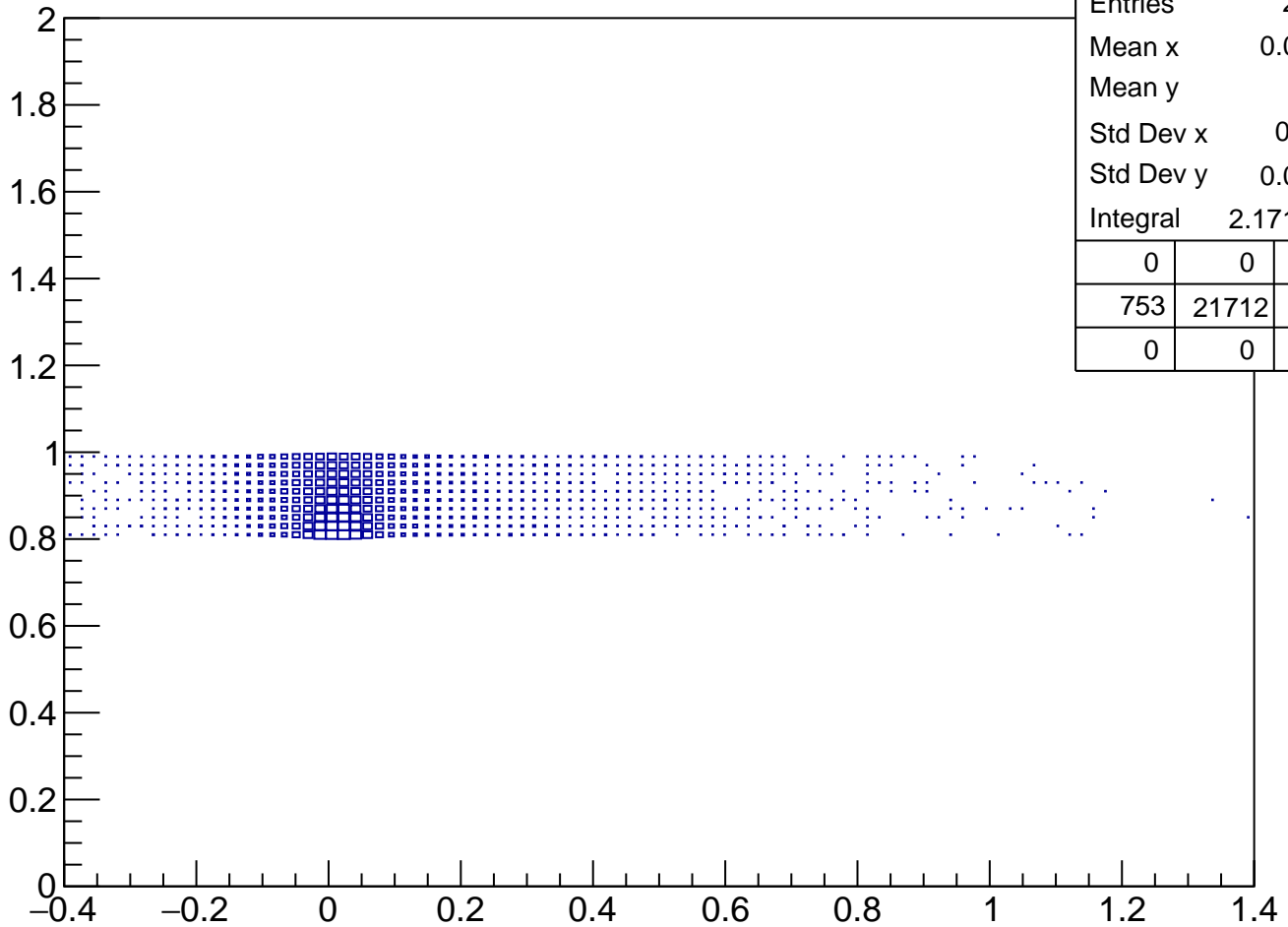
TofSeg[0] vs vpseg[1] Cut4 0.6<pKurama[0]<0.8



tofsegKurama[0] vs vpseg[1] Cut4 0.6<pKurama[0]<0.8

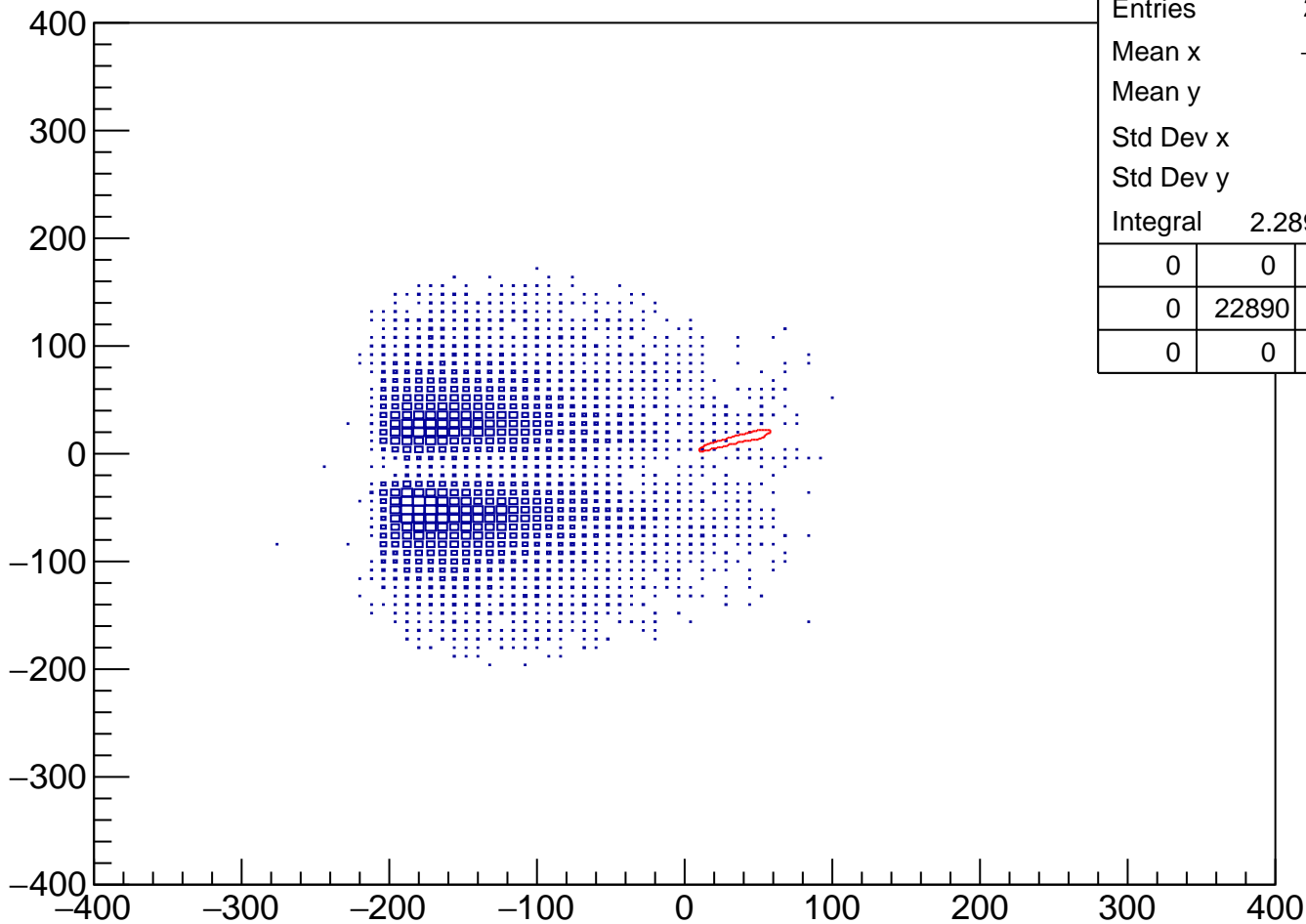


pKurama vs m2 Cut4 $0.8 < \text{pKurama}[0] < 1$



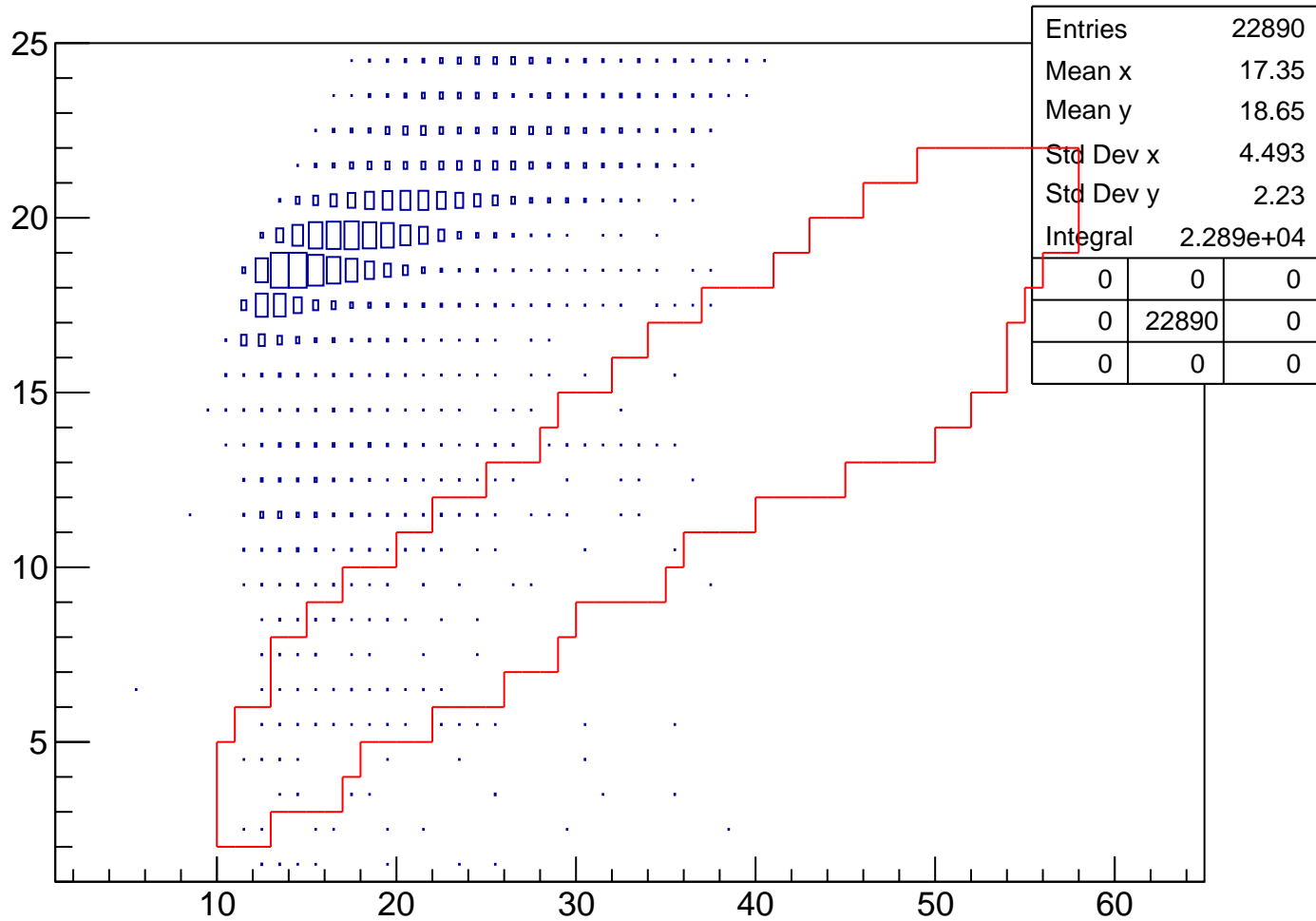
Entries		22890
Mean x		0.03386
Mean y		0.893
Std Dev x		0.1233
Std Dev y		0.05818
Integral		2.171e+04
0	0	0
753	21712	425
0	0	0

vpy[1] vs vpx[1] Cut4 0.8<pKurama[0]<1

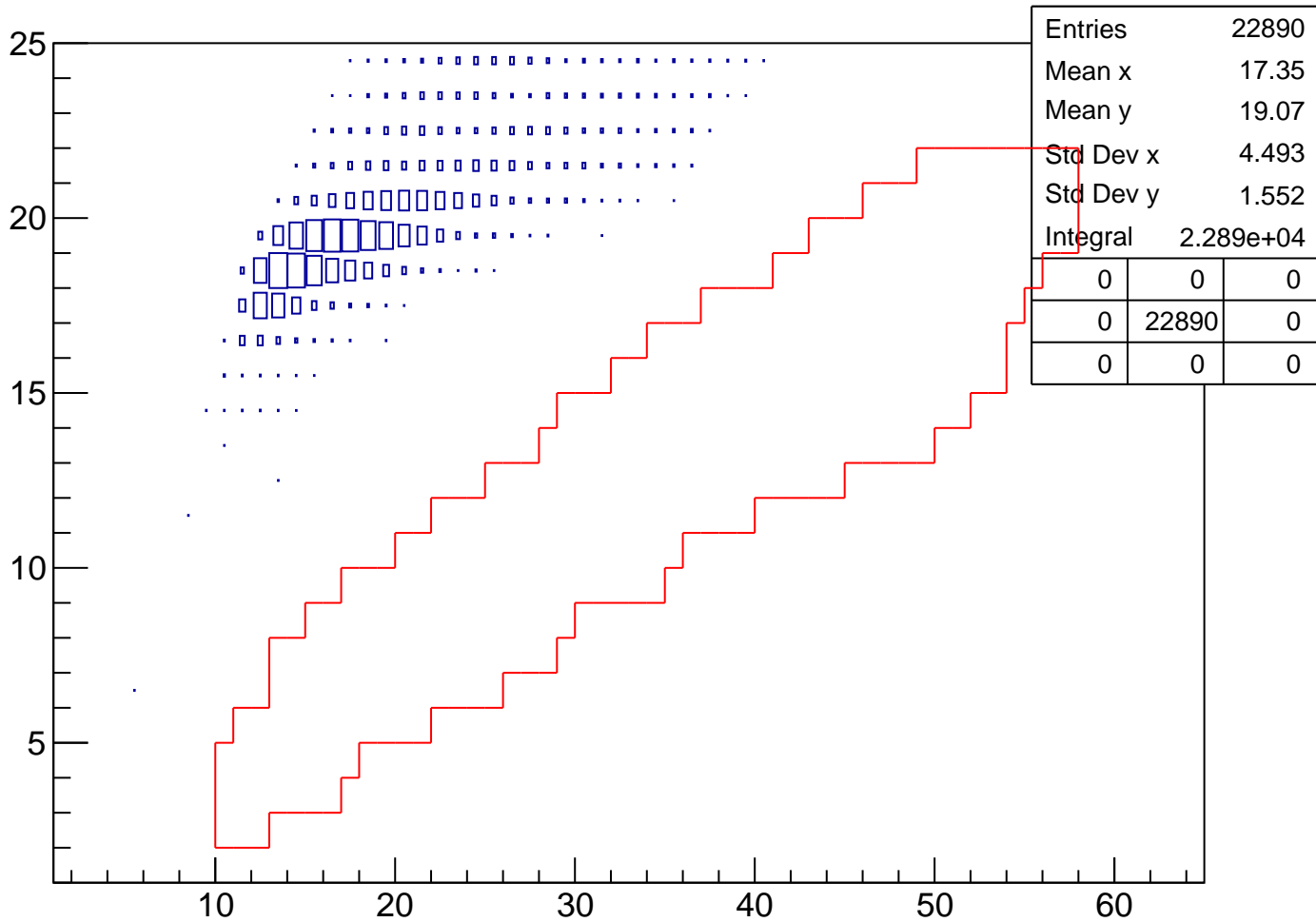


Entries	22890	
Mean x	-141.1	
Mean y	-18.4	
Std Dev x	47.09	
Std Dev y	59.21	
Integral	2.289e+04	
0	0	0
0	22890	0
0	0	0

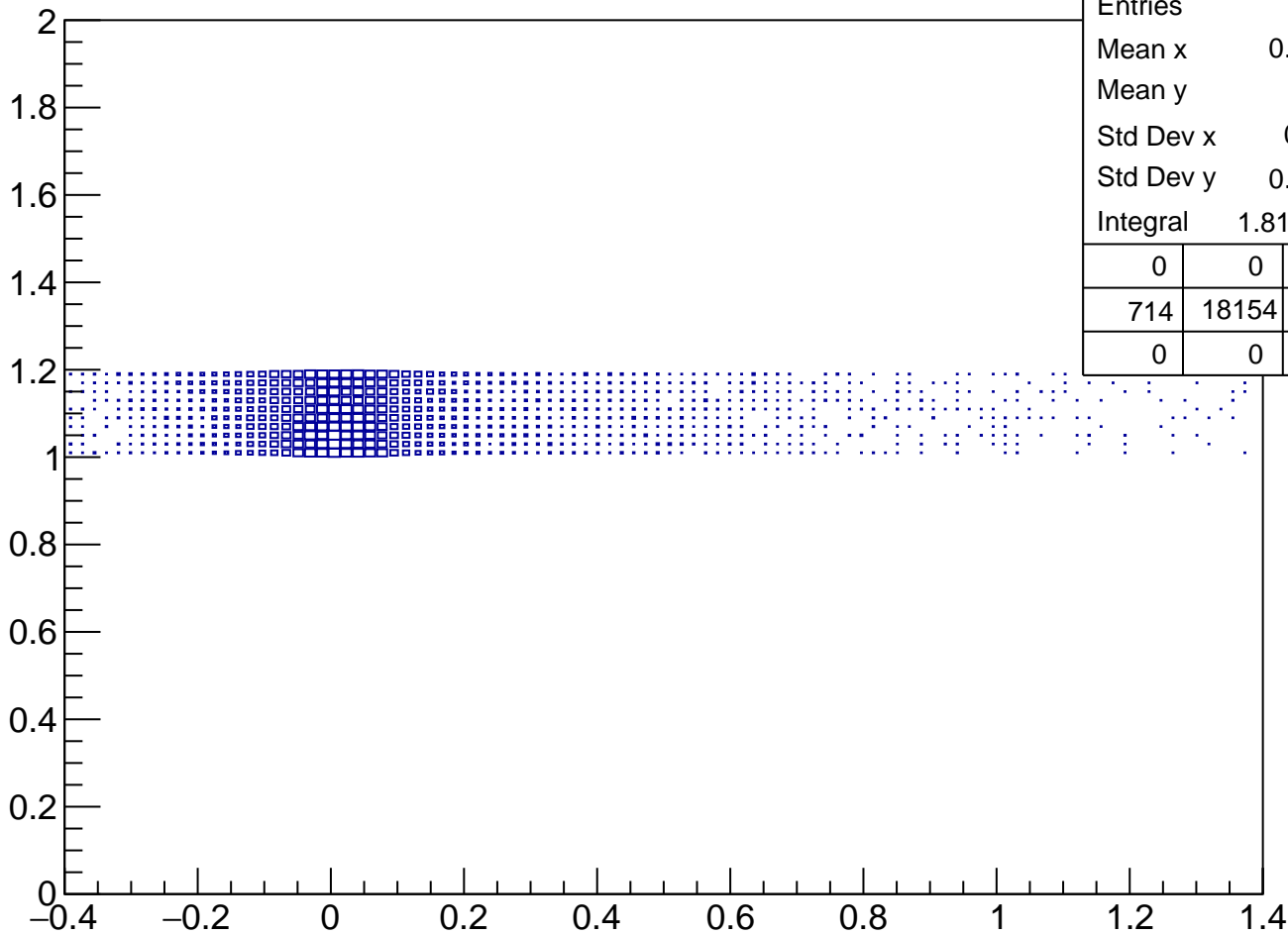
TofSeg[0] vs vpseg[1] Cut4 0.8<pKurama[0]<1



tofsegKurama[0] vs vpseg[1] Cut4 0.8<pKurama[0]<1

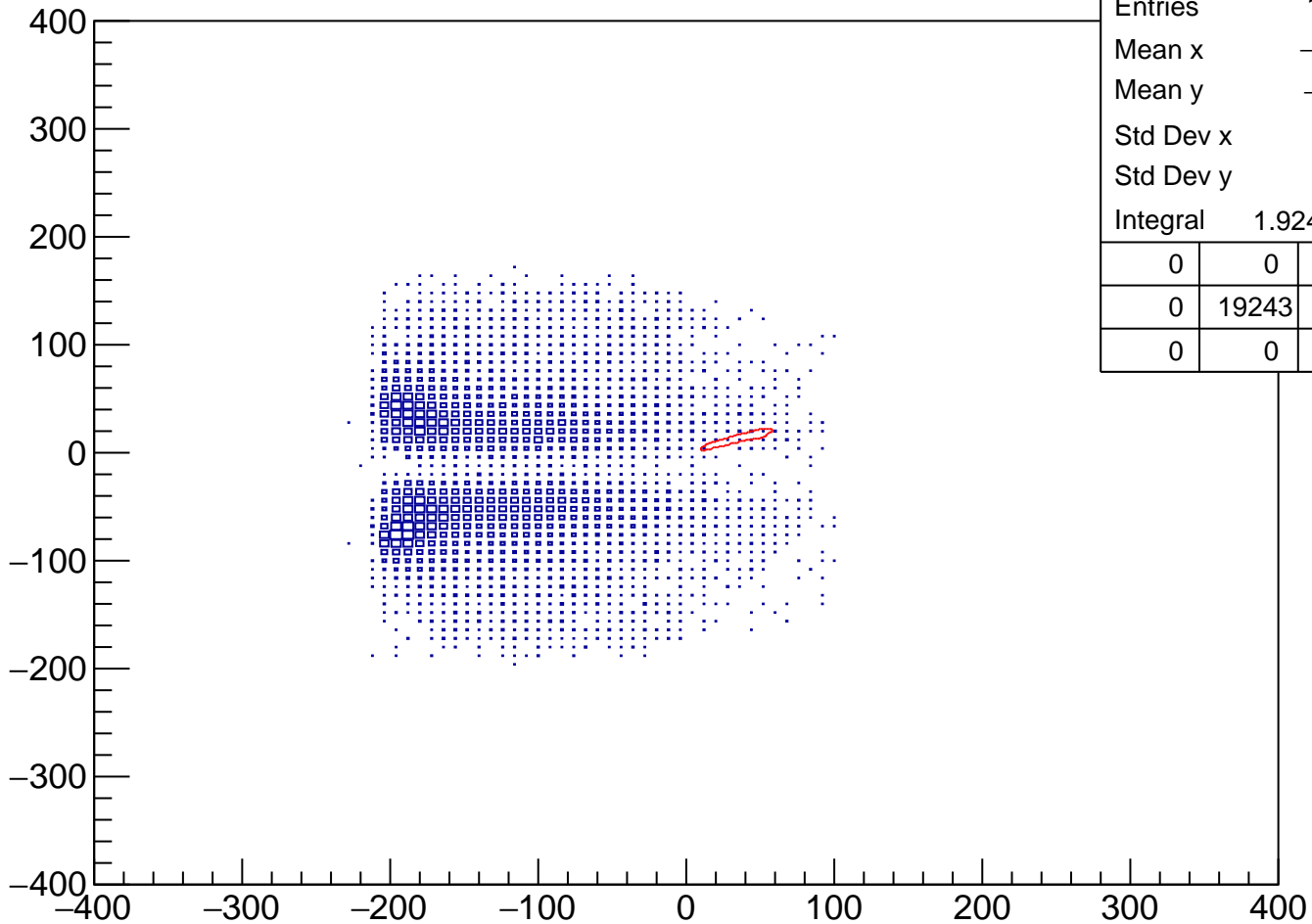


pKurama vs m2 Cut4 $1 < \text{pKurama}[0] < 1.2$



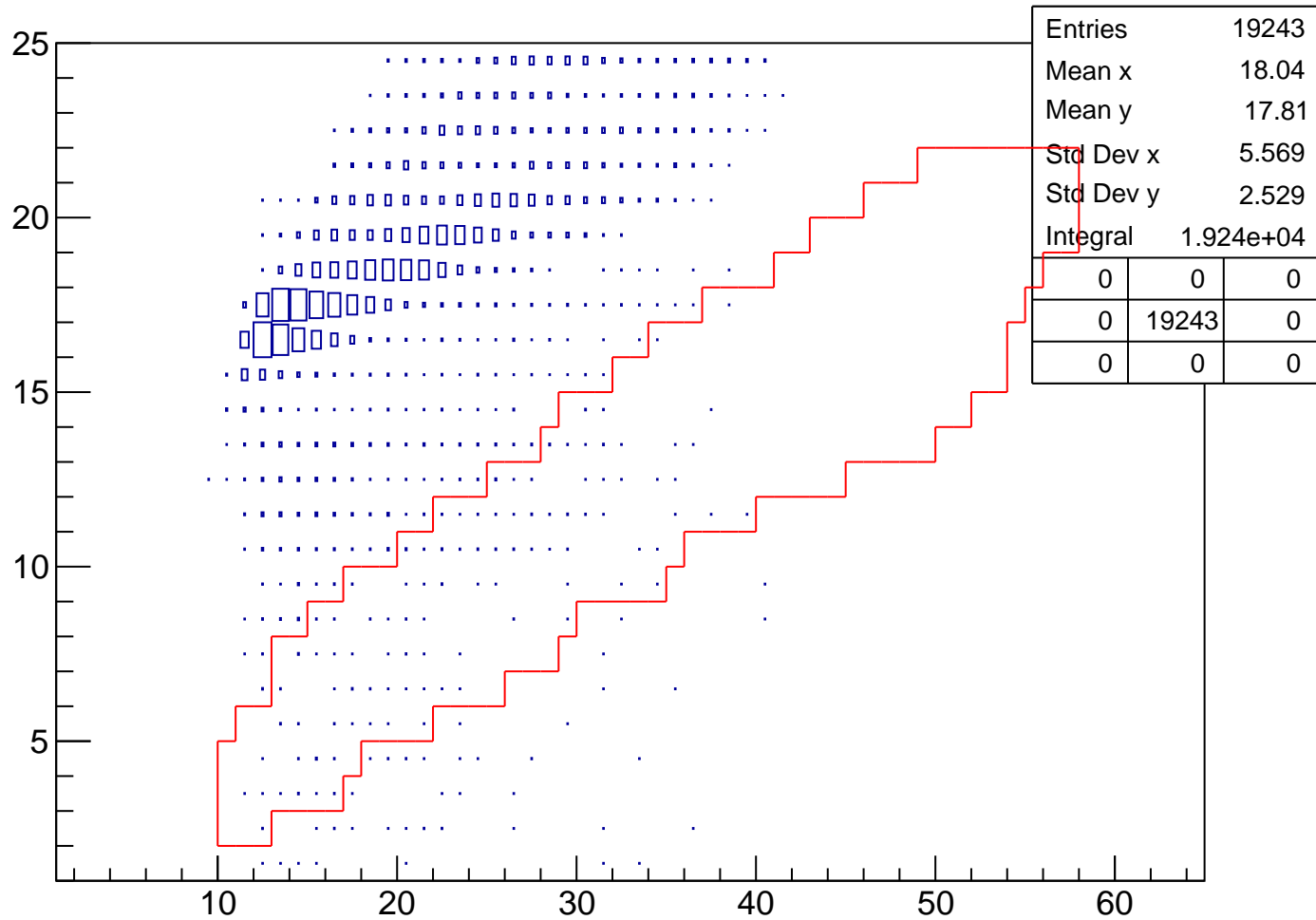
Entries	19243	
Mean x	0.03853	
Mean y	1.1	
Std Dev x	0.1716	
Std Dev y	0.05869	
Integral	1.815e+04	
0	0	0
714	18154	375
0	0	0

vpy[1] vs vpx[1] Cut4 1<pKurama[0]<1.2

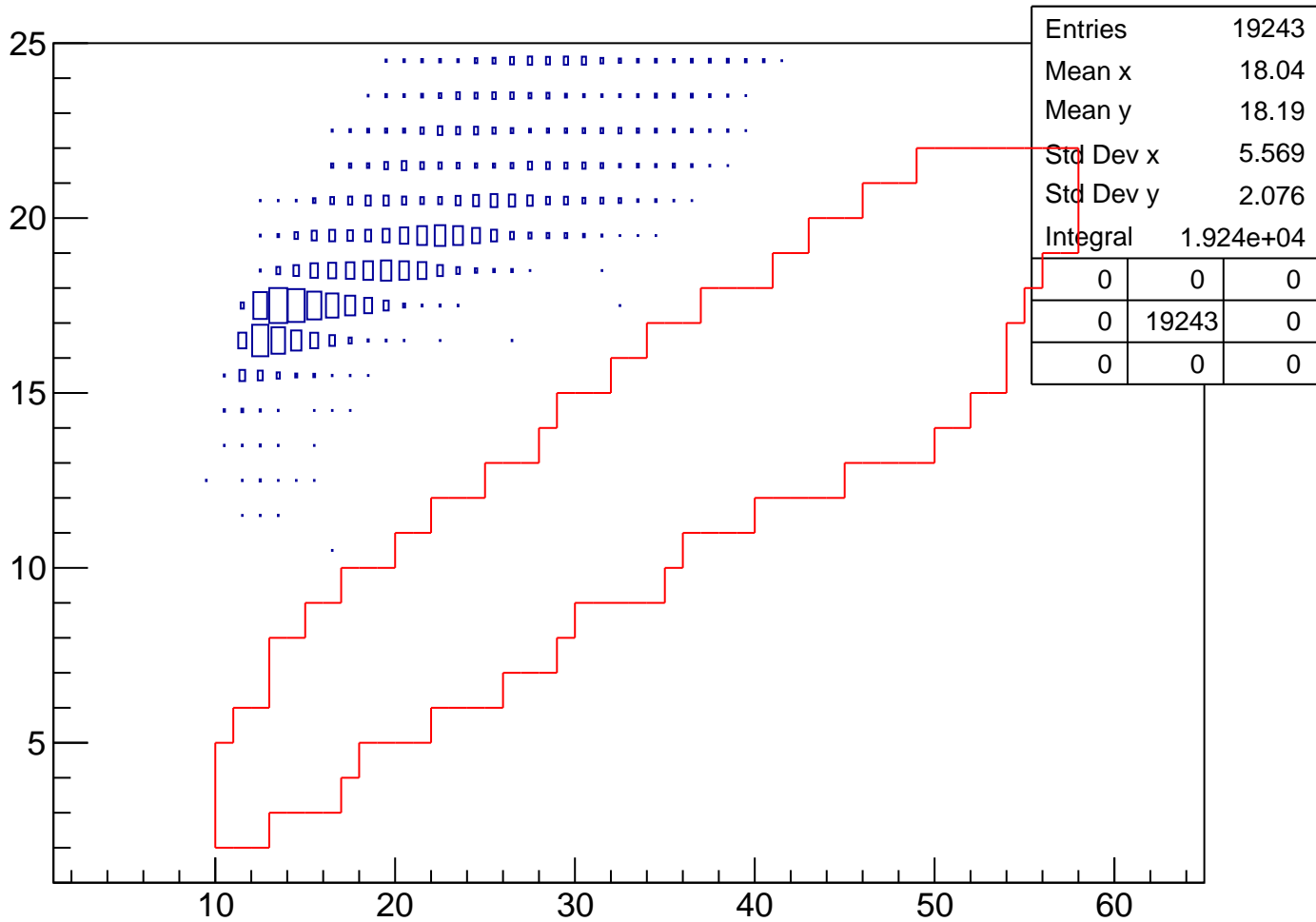


Entries	19243	
Mean x	-133.9	
Mean y	-16.31	
Std Dev x	58.43	
Std Dev y	62.86	
Integral	1.924e+04	
0	0	0
0	19243	0
0	0	0

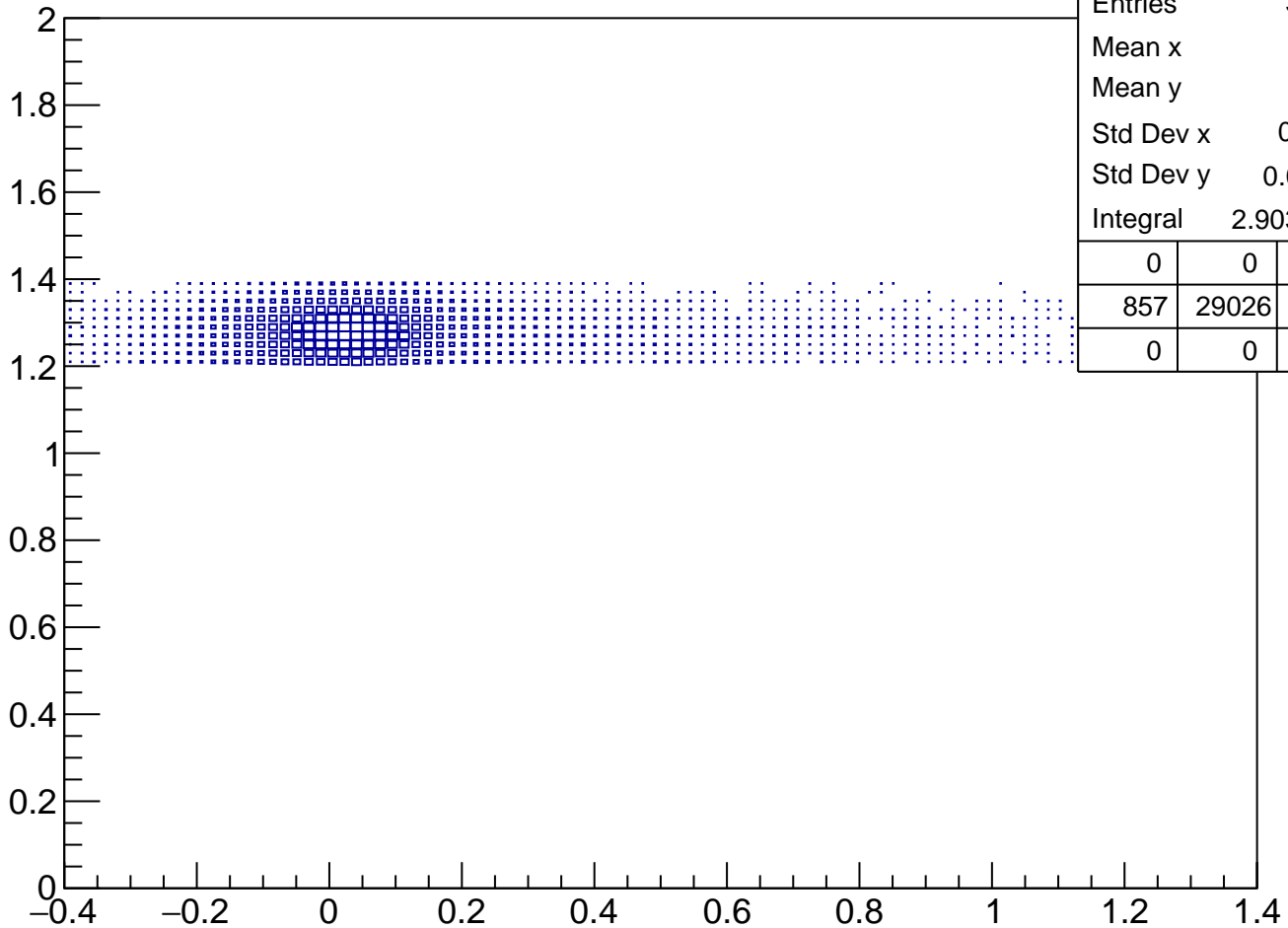
TofSeg[0] vs vpseg[1] Cut4 1<pKurama[0]<1.2



tofsegKurama[0] vs vpseg[1] Cut4 1<pKurama[0]<1.2

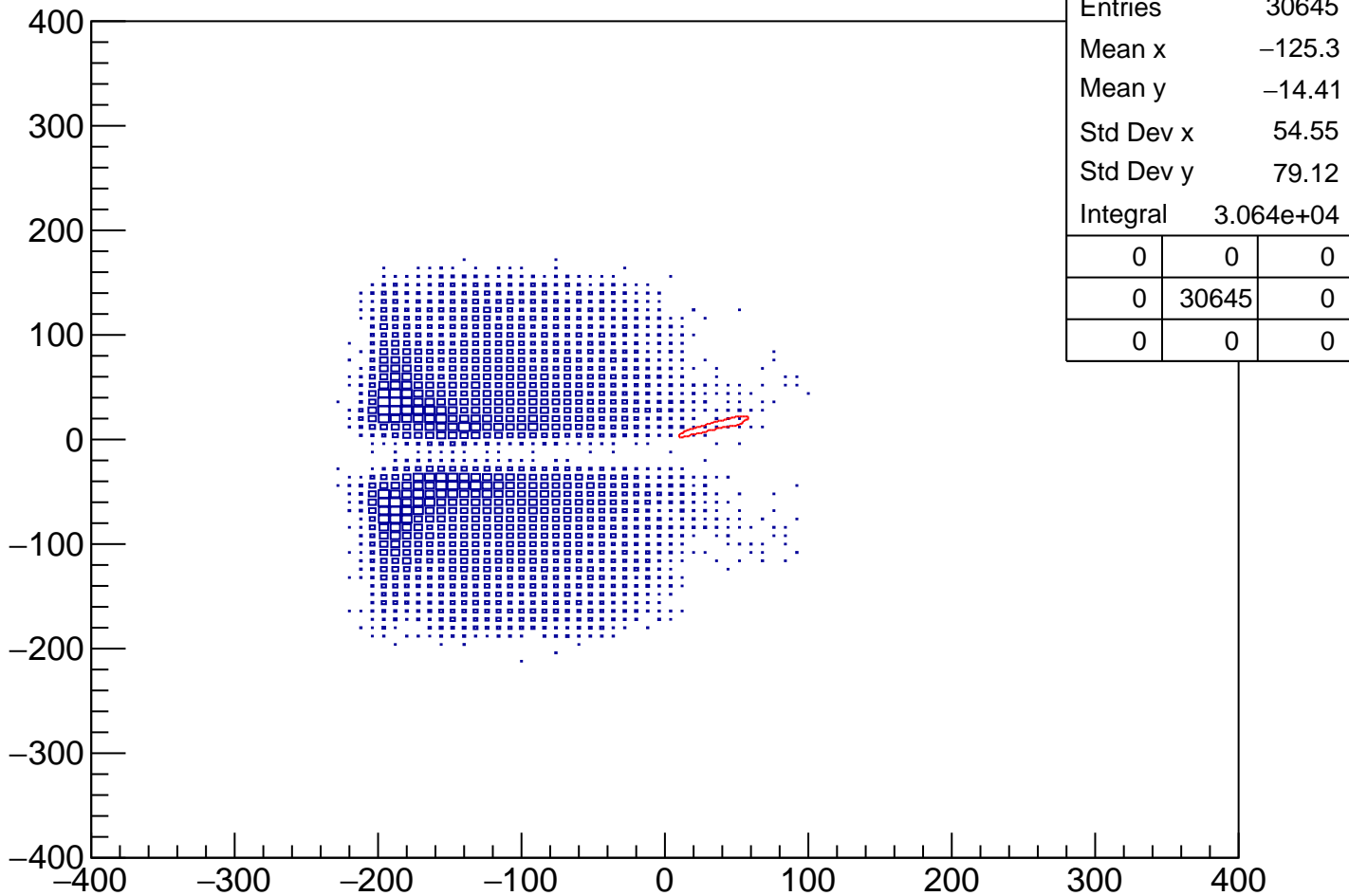


pKurama vs m2 Cut4 1.2<pKurama[0]<1.4

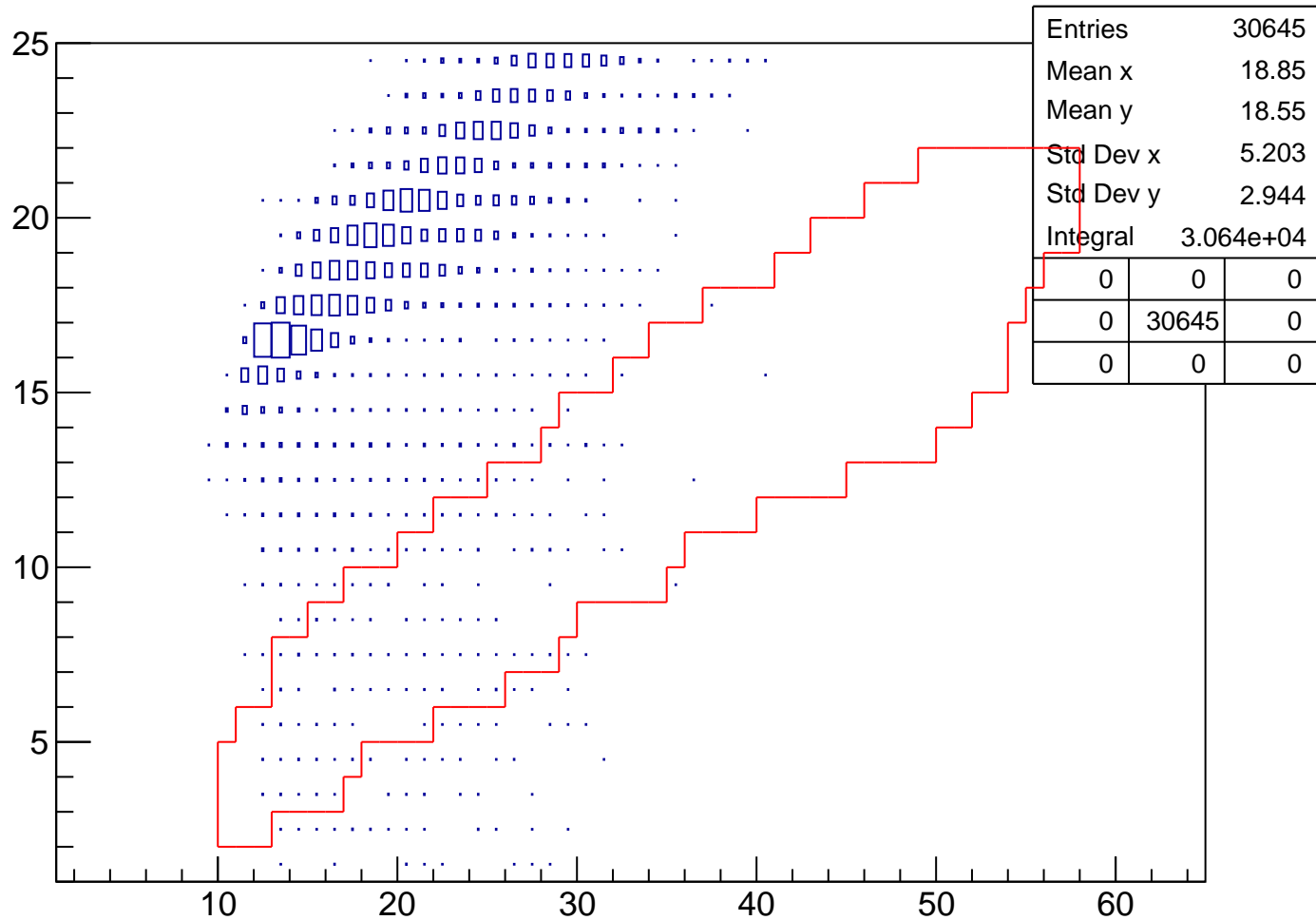


Entries	30645	
Mean x	0.054	
Mean y	1.281	
Std Dev x	0.1853	
Std Dev y	0.04338	
Integral	2.903e+04	
0	0	0
857	29026	762
0	0	0

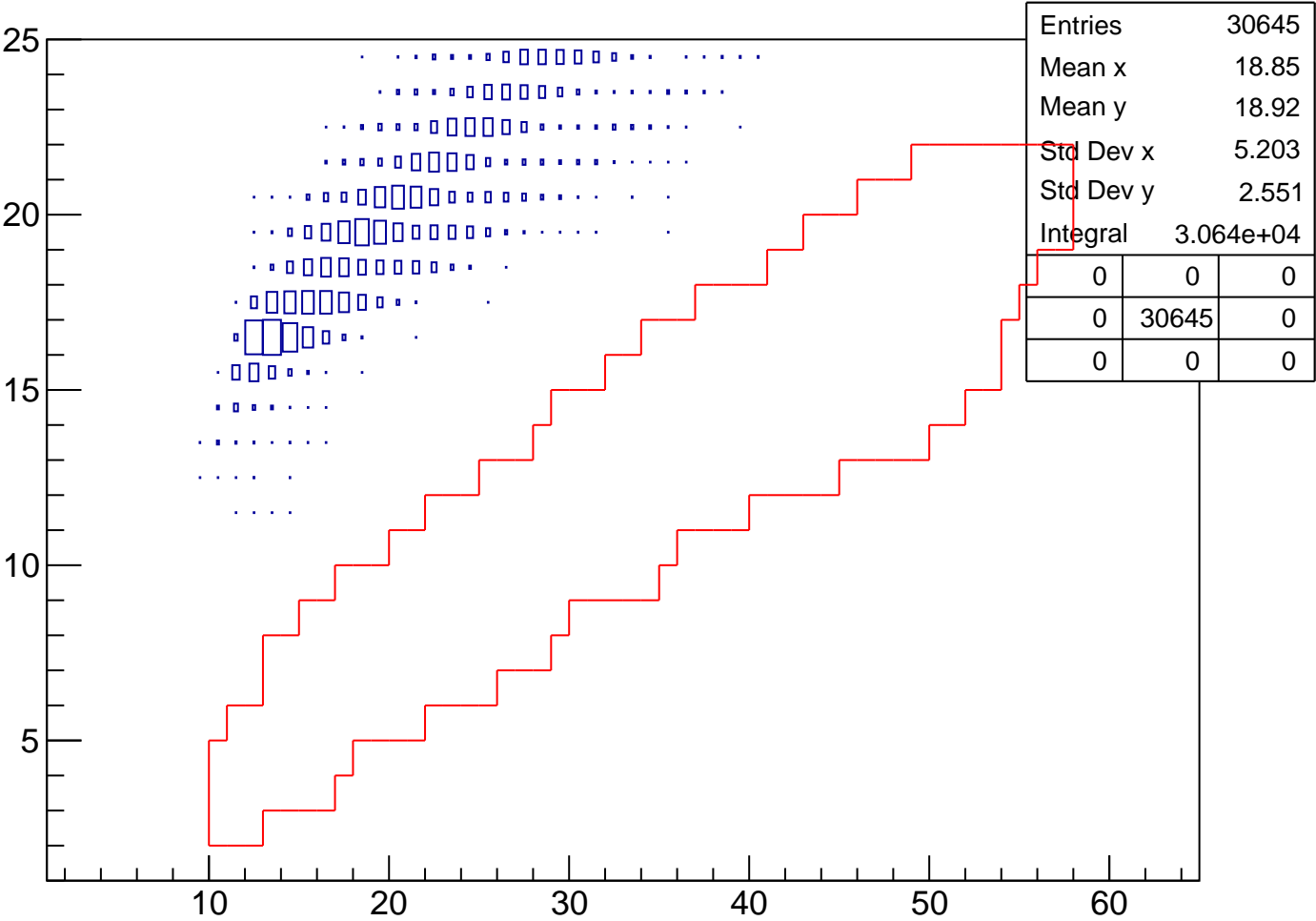
vpy[1] vs vpx[1] Cut4 1.2<pKurama[0]<1.4



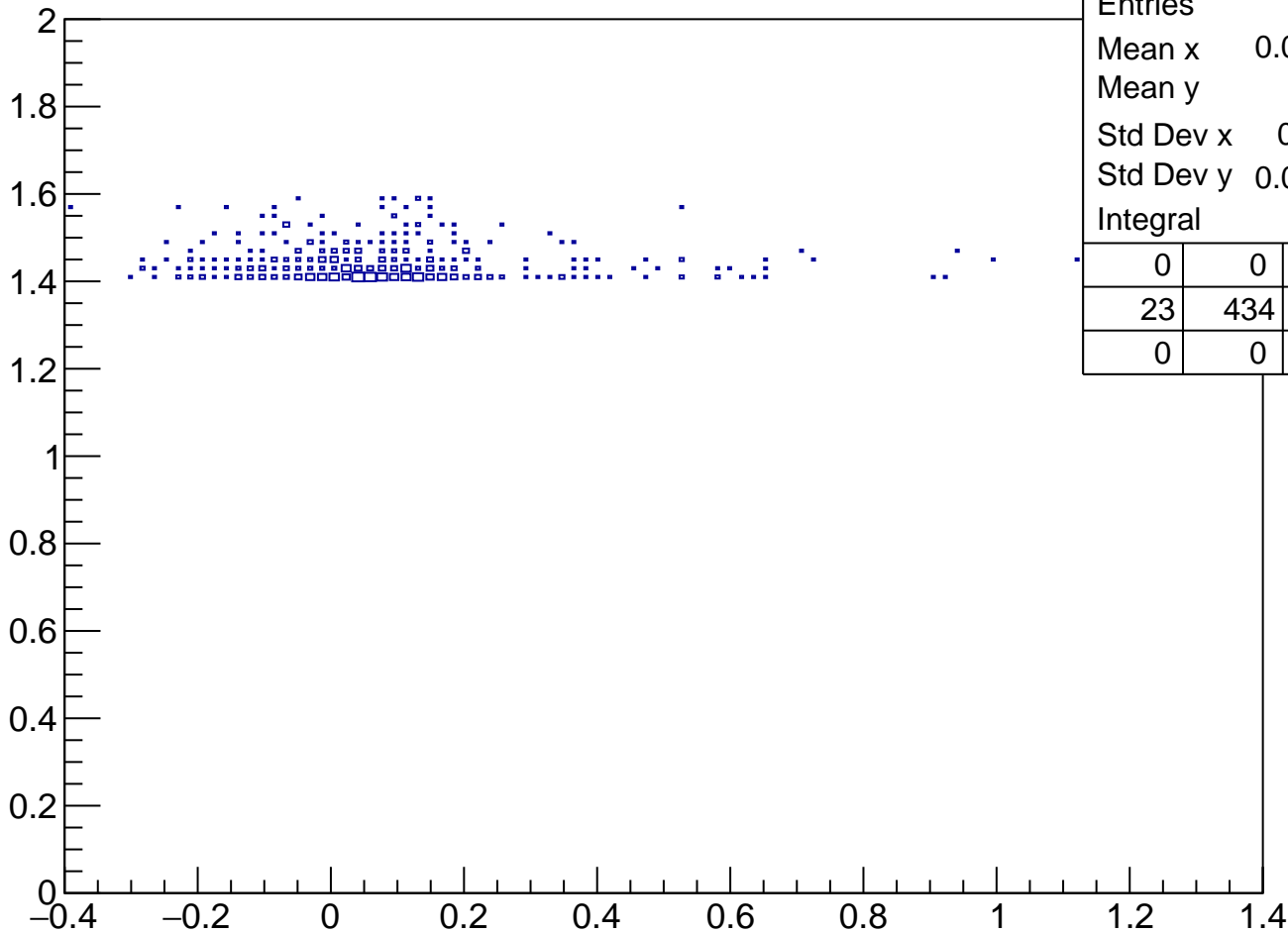
TofSeg[0] vs vpseg[1] Cut4 1.2<pKurama[0]<1.4



tofsegKurama[0] vs vpseg[1] Cut4 1.2<pKurama[0]<1.4

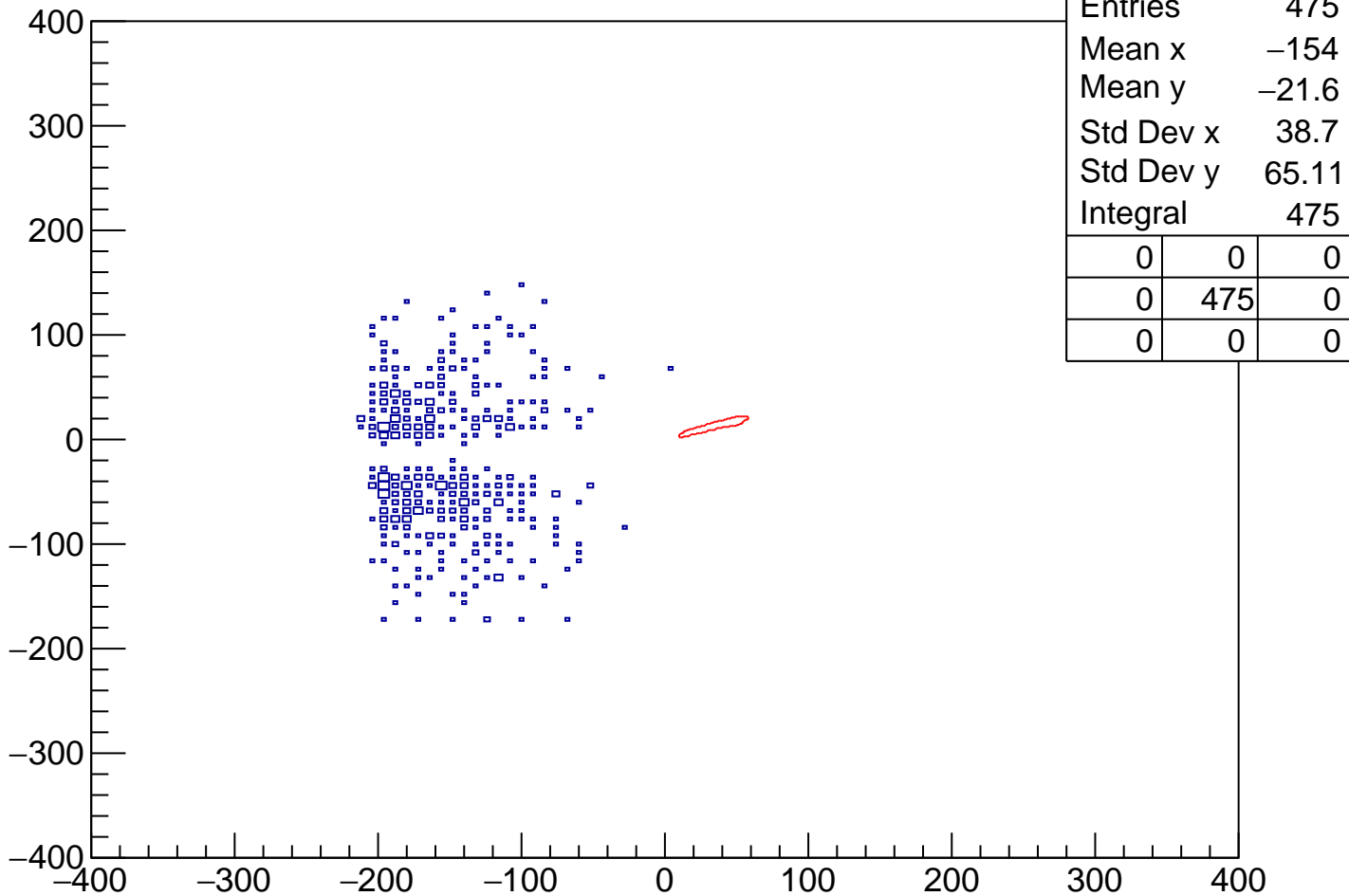


pKurama vs m2 Cut4 $1.4 < \text{pKurama}[0] < 1.6$

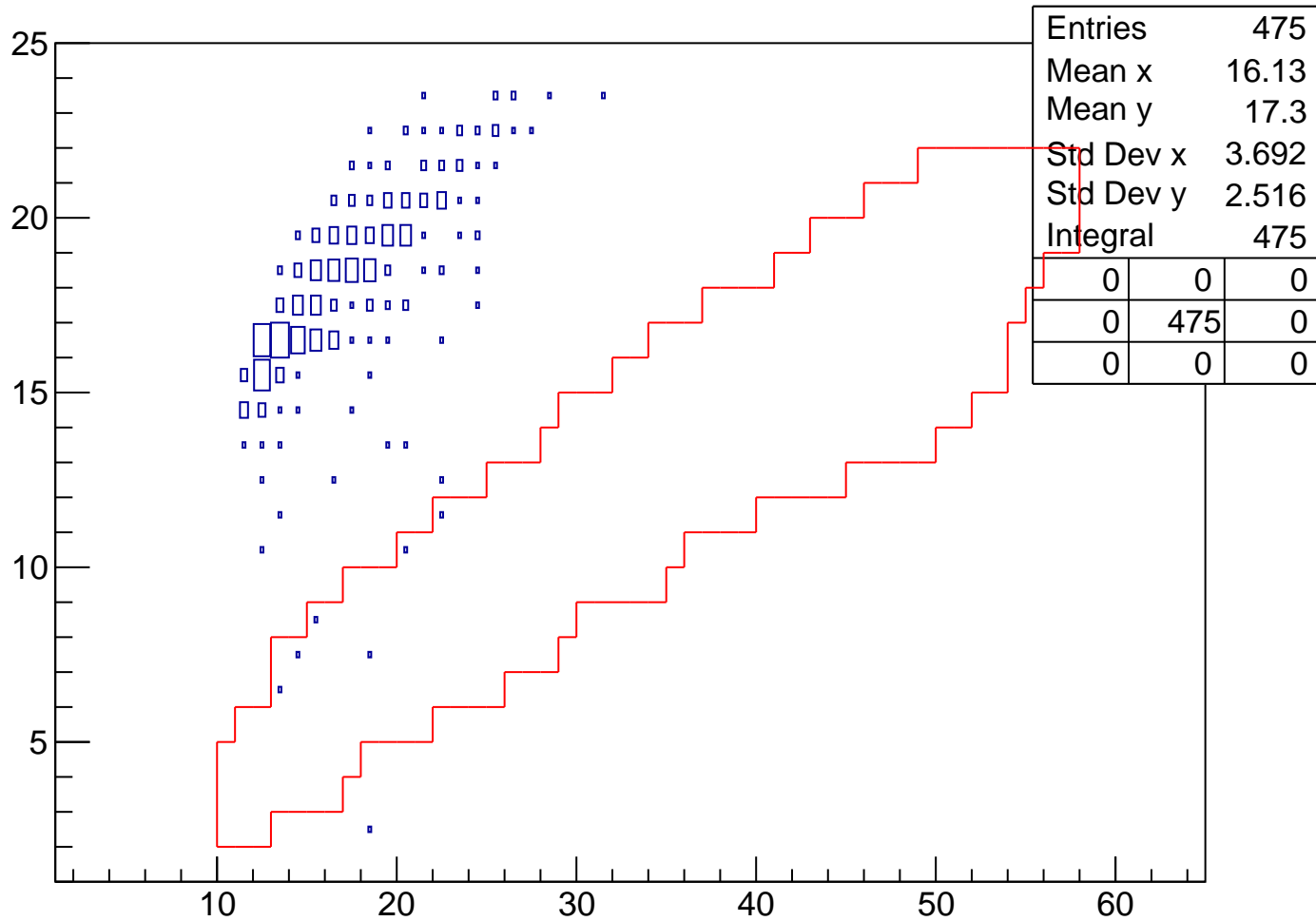


Entries	475	
Mean x	0.08004	
Mean y	1.441	
Std Dev x	0.1981	
Std Dev y	0.04196	
Integral	434	
0	0	0
23	434	18
0	0	0

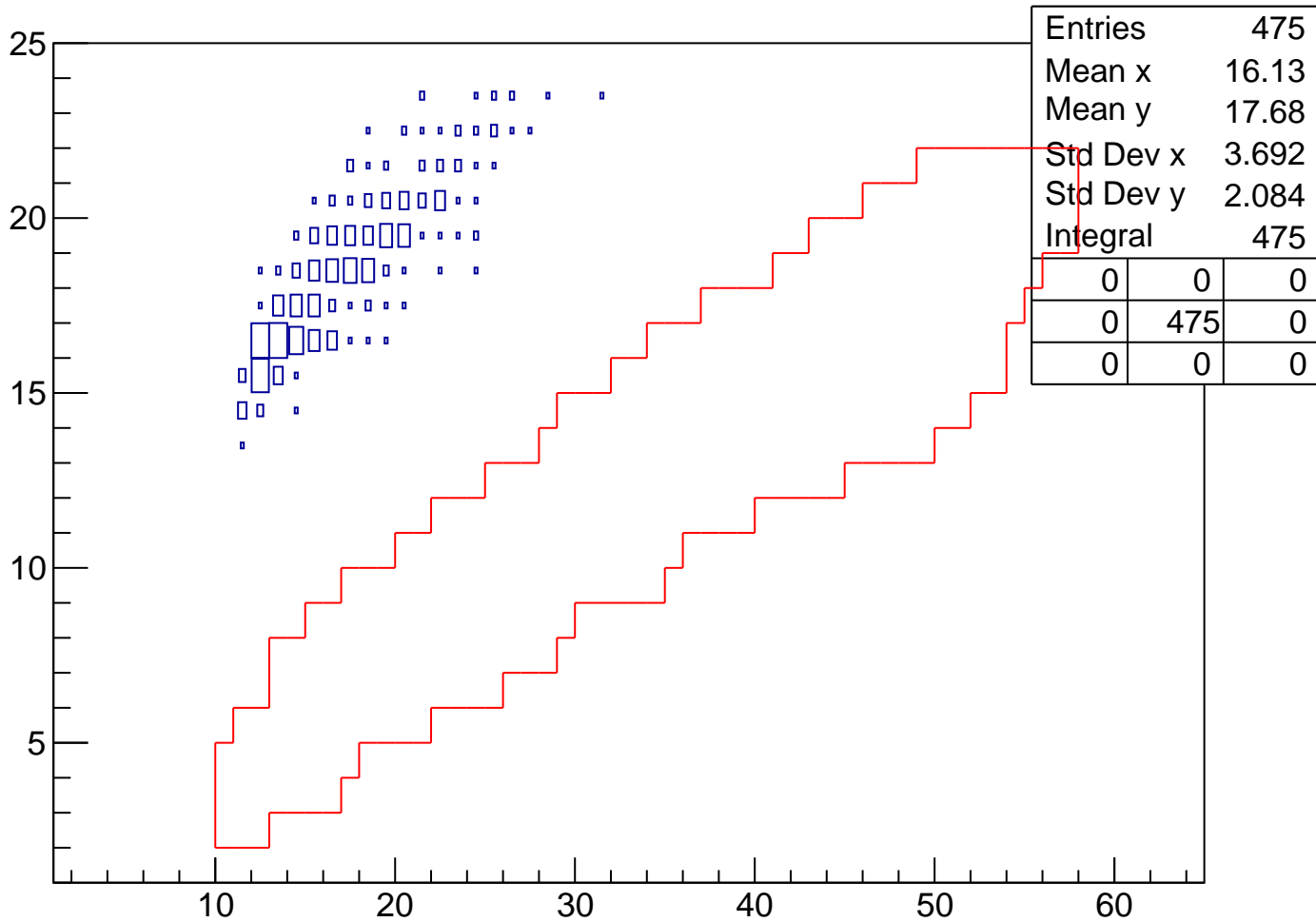
vpy[1] vs vpx[1] Cut4 1.4<pKurama[0]<1.6



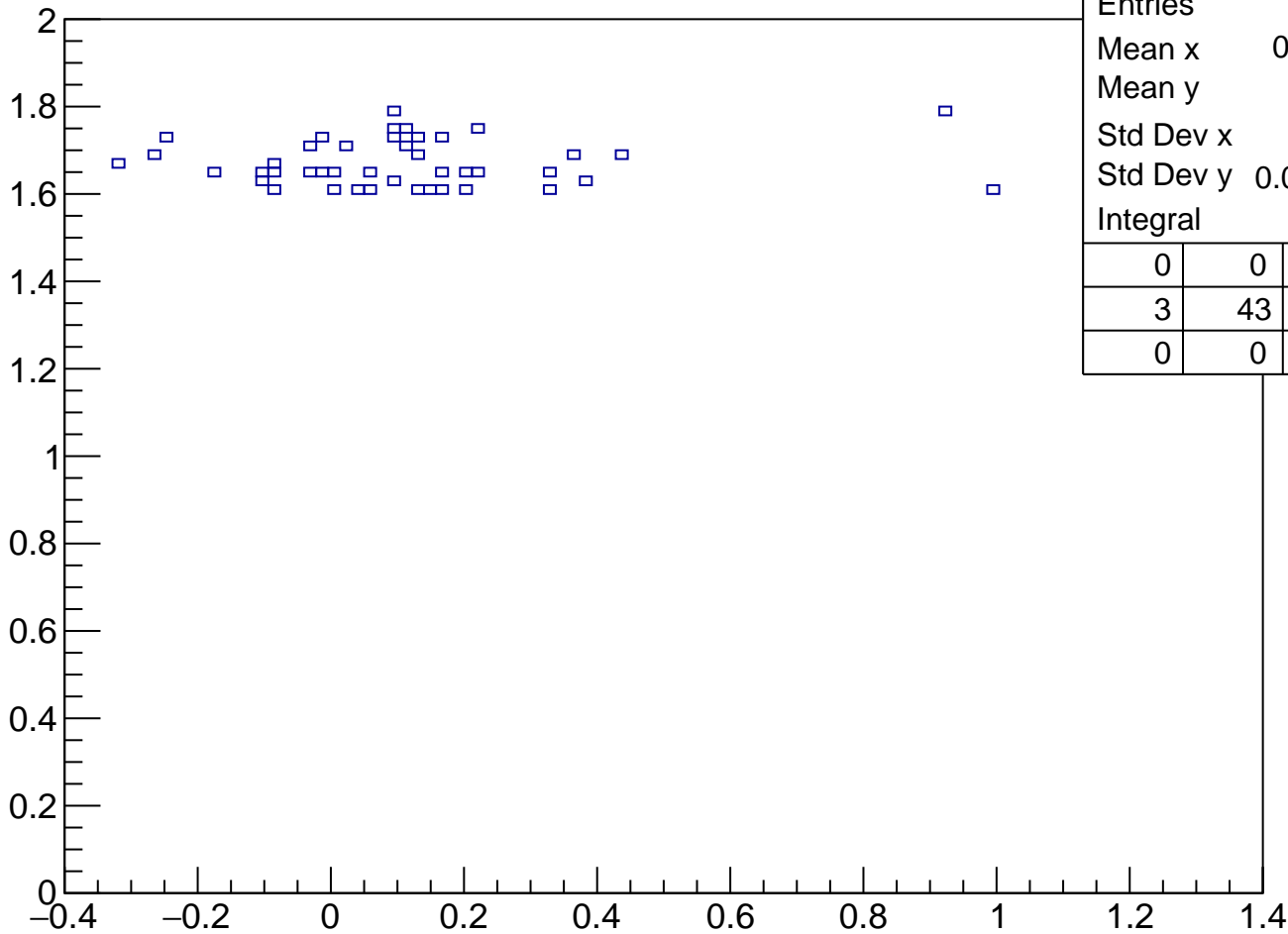
TofSeg[0] vs vpseg[1] Cut4 1.4<pKurama[0]<1.6



tofsegKurama[0] vs vpseg[1] Cut4 1.4<pKurama[0]<1.6

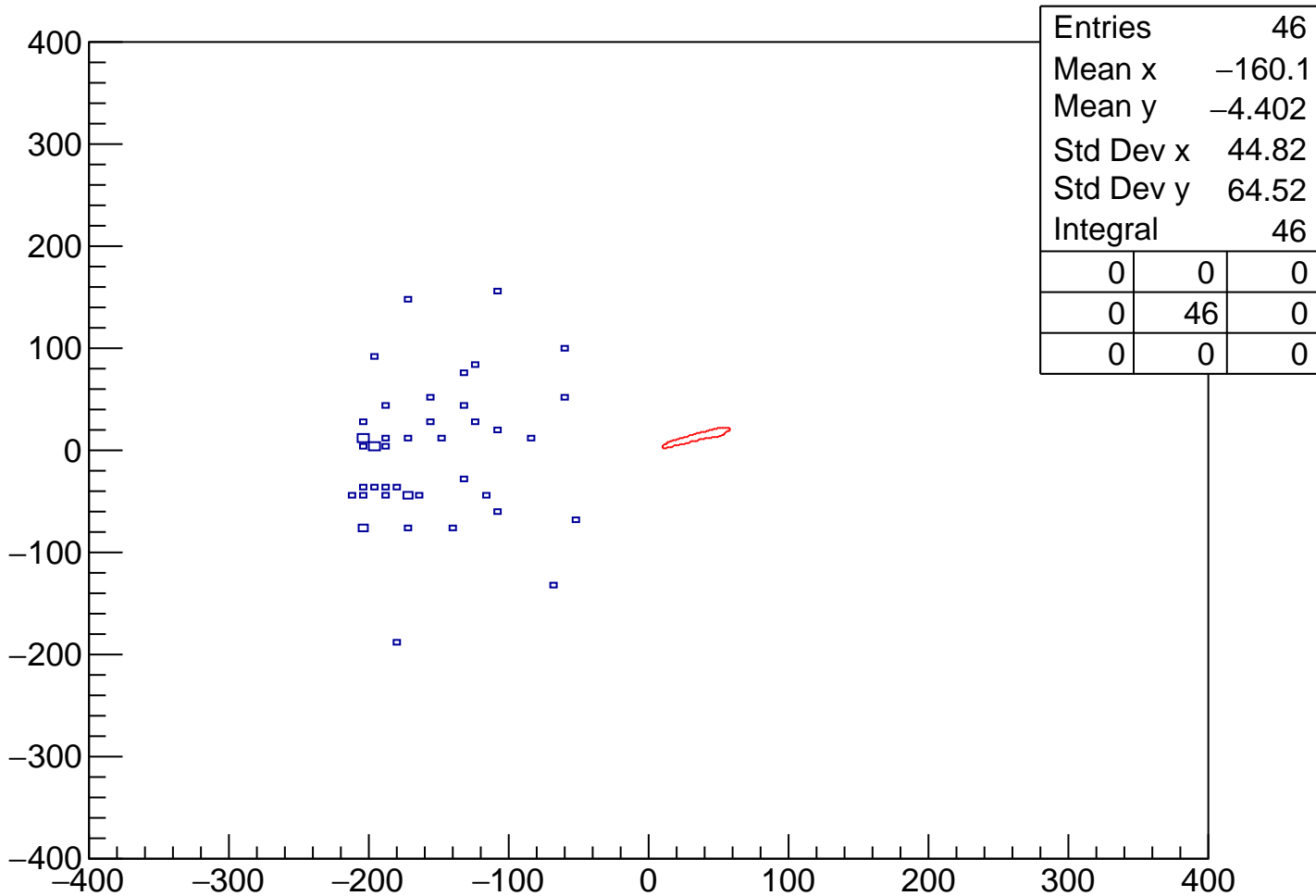


pKurama vs m2 Cut4 1.6<pKurama[0]<1.8

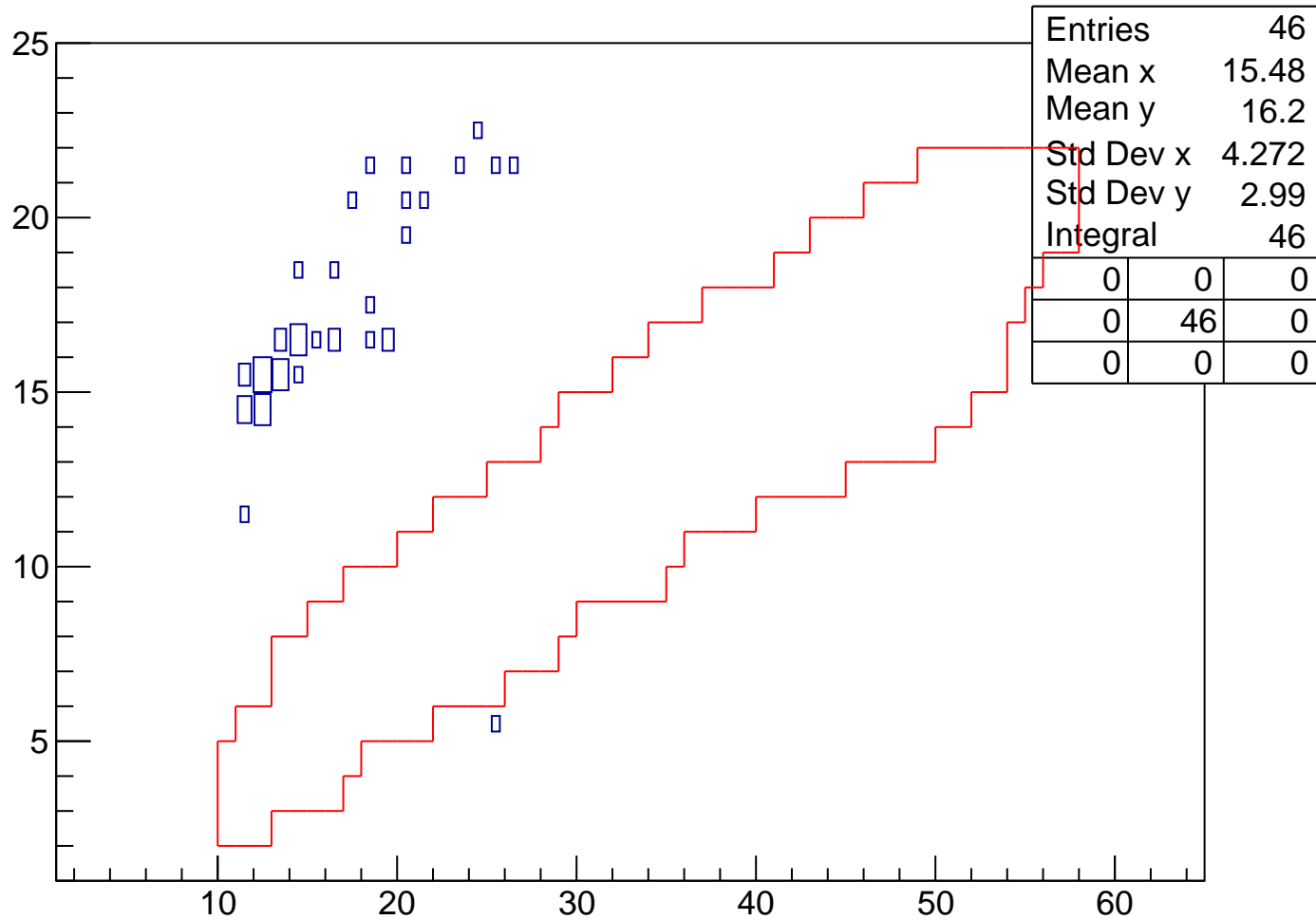


Entries	46		
Mean x	0.1135		
Mean y	1.671		
Std Dev x	0.249		
Std Dev y	0.05242		
Integral	43		
0	0	0	
3	43	0	
0	0	0	

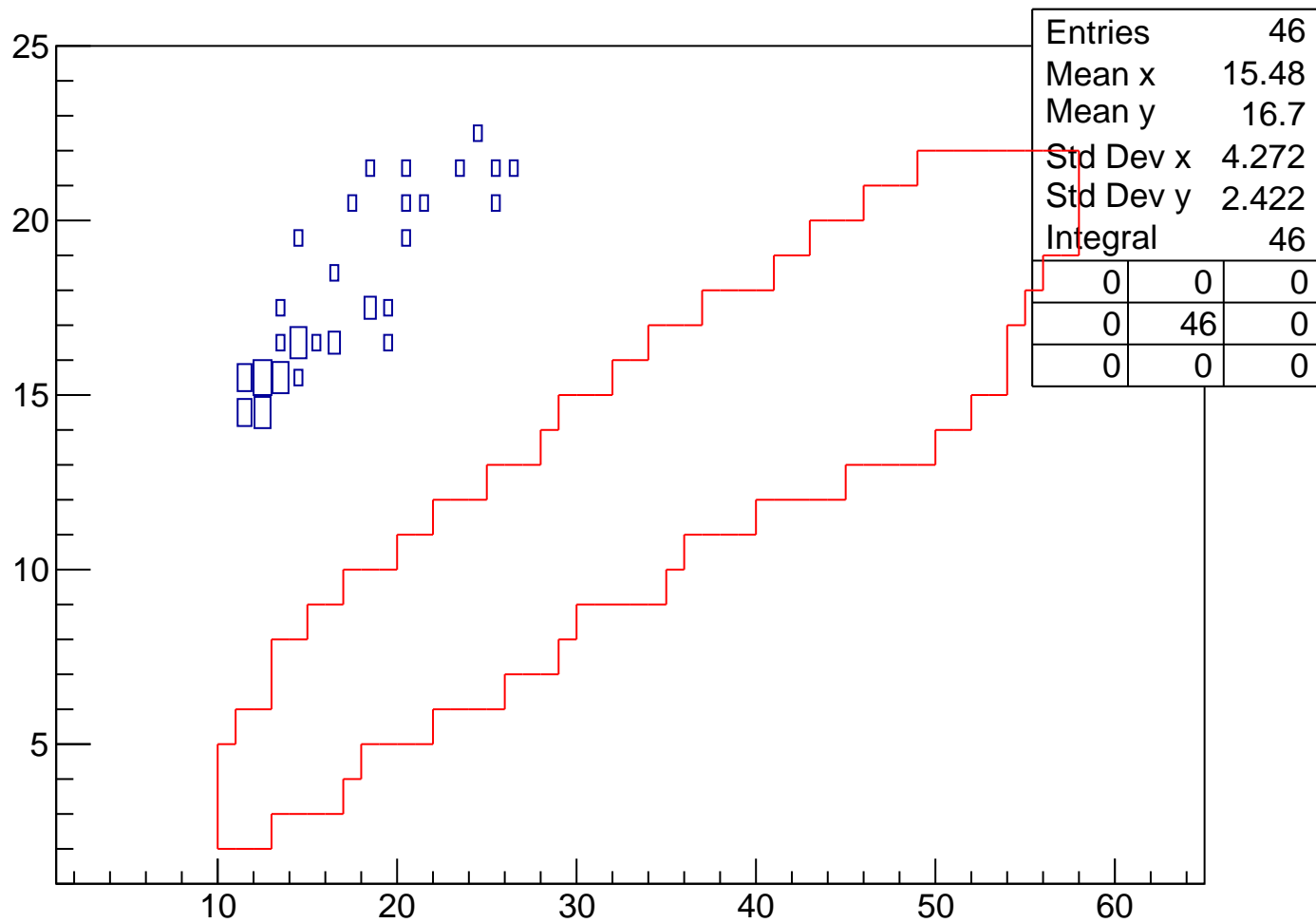
vpy[1] vs vpx[1] Cut4 1.6<pKurama[0]<1.8



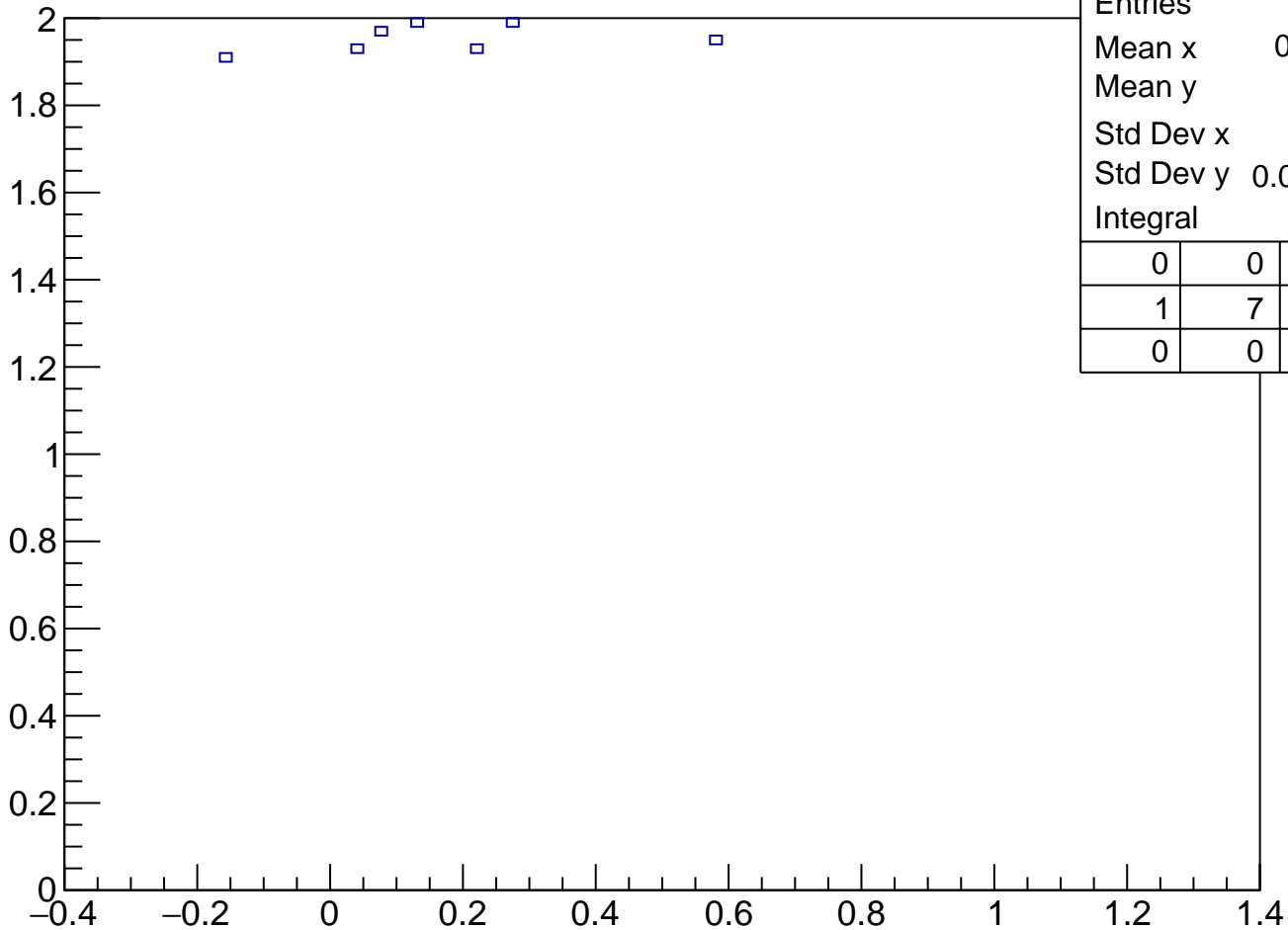
TofSeg[0] vs vpseg[1] Cut4 1.6<pKurama[0]<1.8



tofsegKurama[0] vs vpseg[1] Cut4 $1.6 < p_{\text{Kurama}[0]} < 1.8$

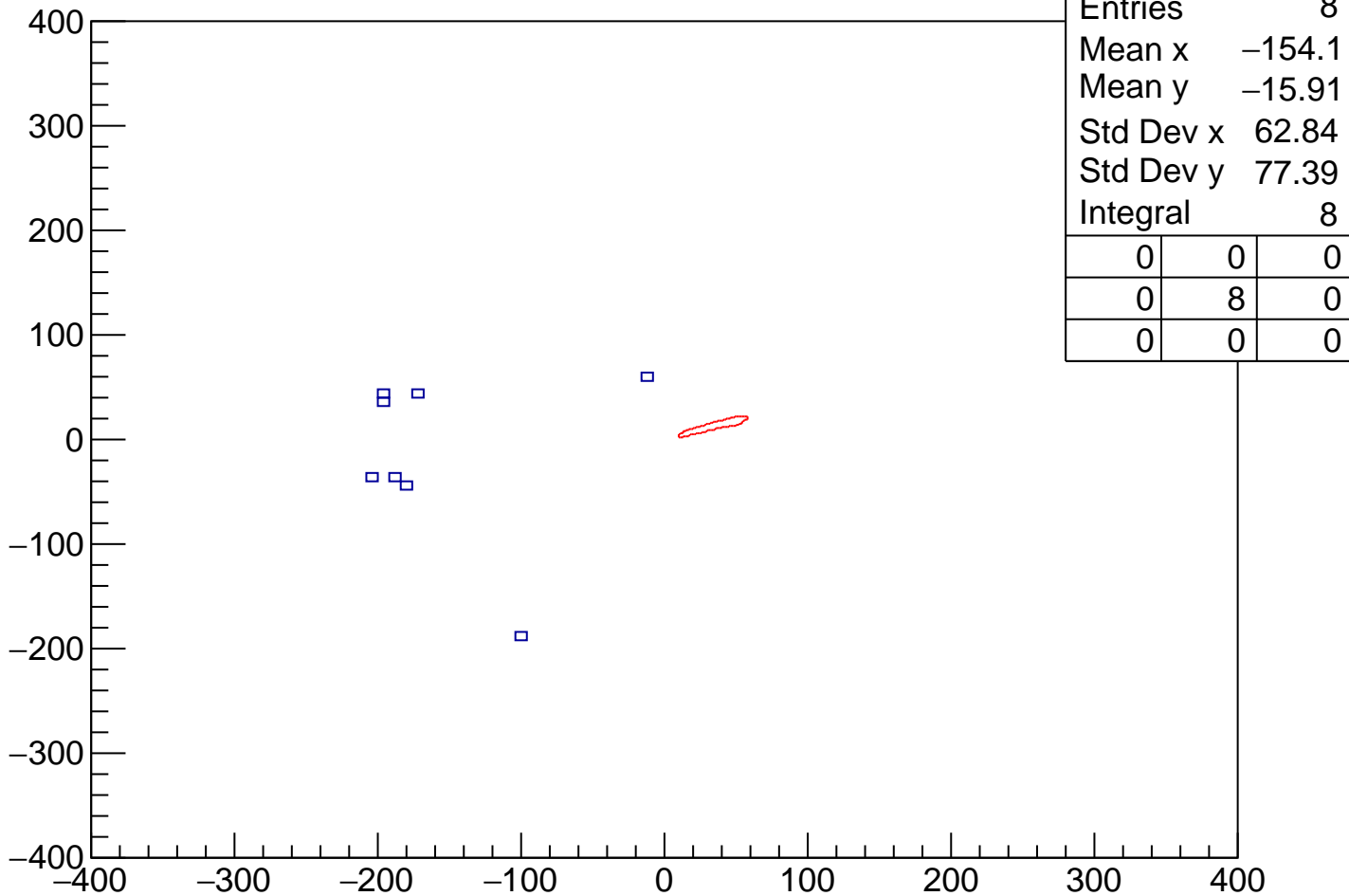


pKurama vs m2 Cut4 1.8<pKurama[0]<2

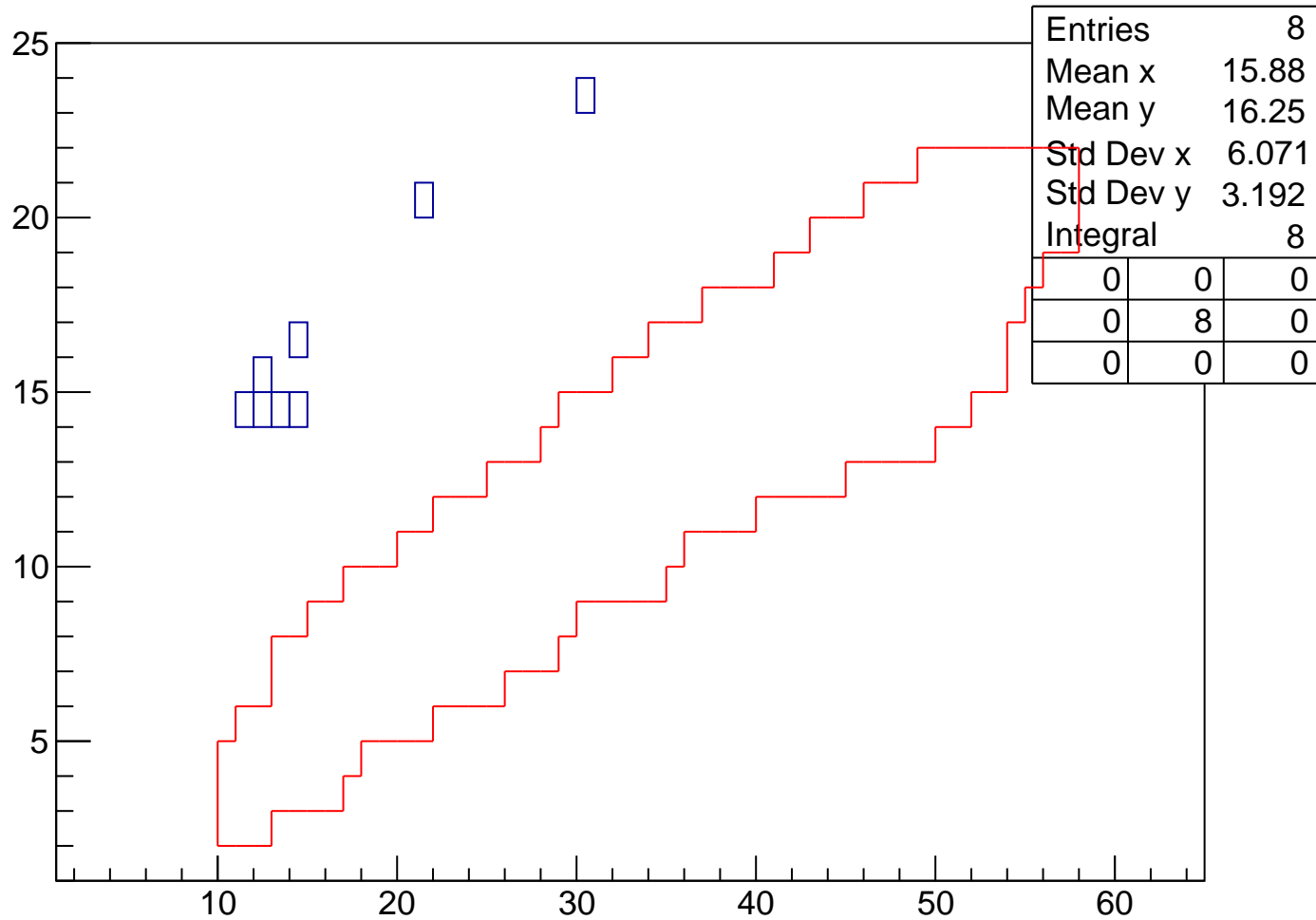


Entries	8		
Mean x	0.1661		
Mean y	1.954		
Std Dev x	0.211		
Std Dev y	0.02948		
Integral	7		
0	0	0	
1	7	0	
0	0	0	

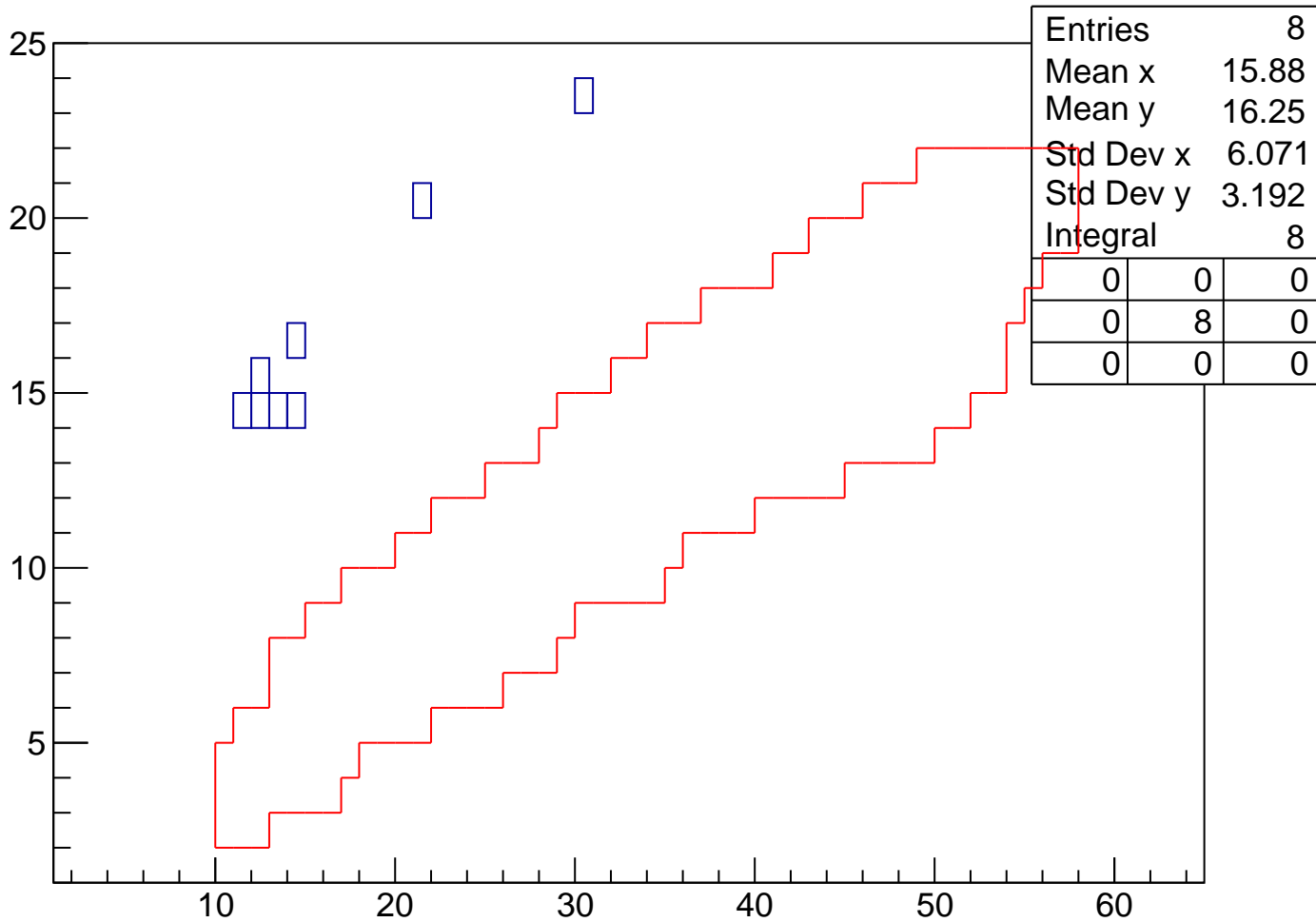
vpy[1] vs vpx[1] Cut4 1.8<pKurama[0]<2



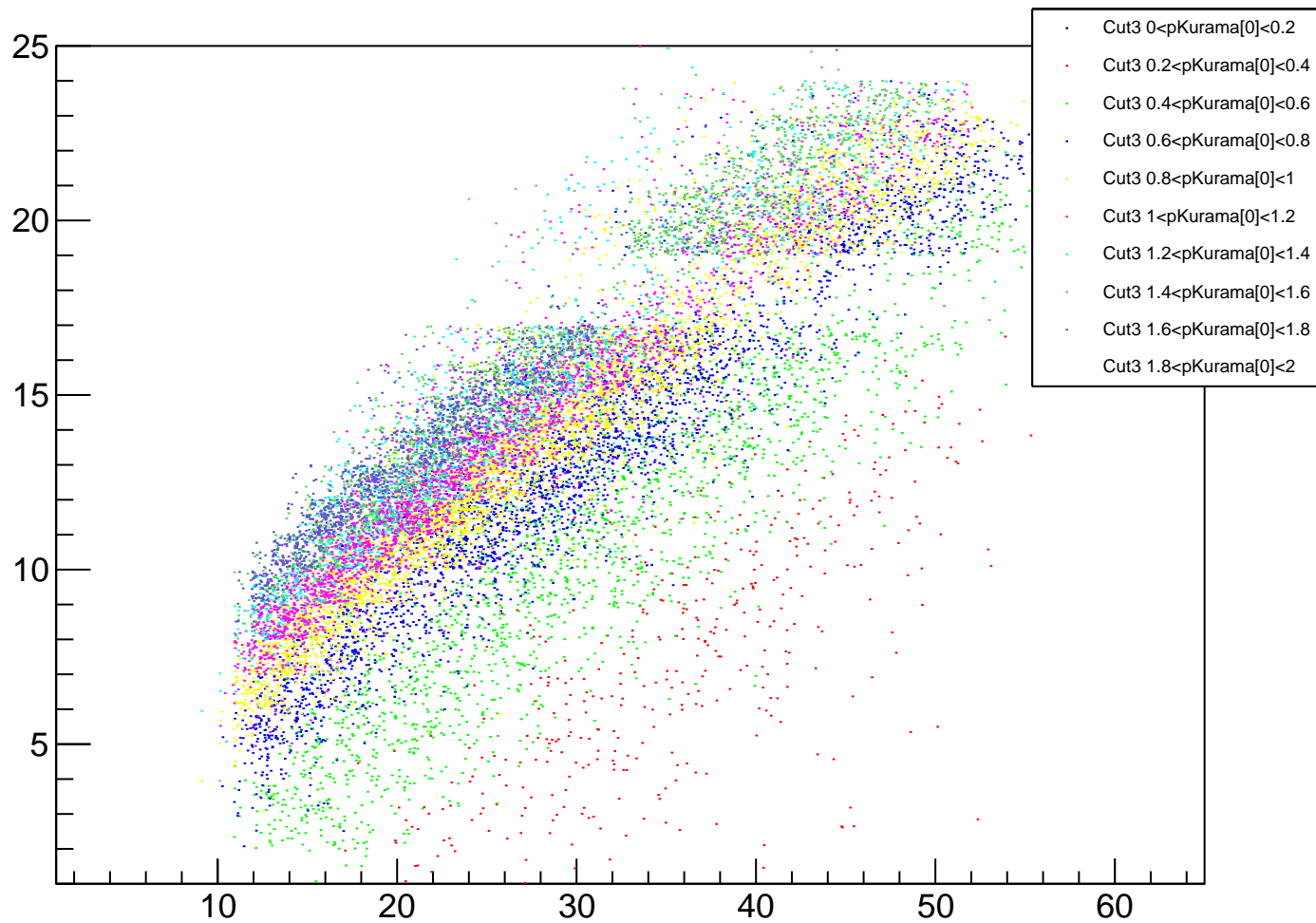
TofSeg[0] vs vpseg[1] Cut4 1.8<pKurama[0]<2



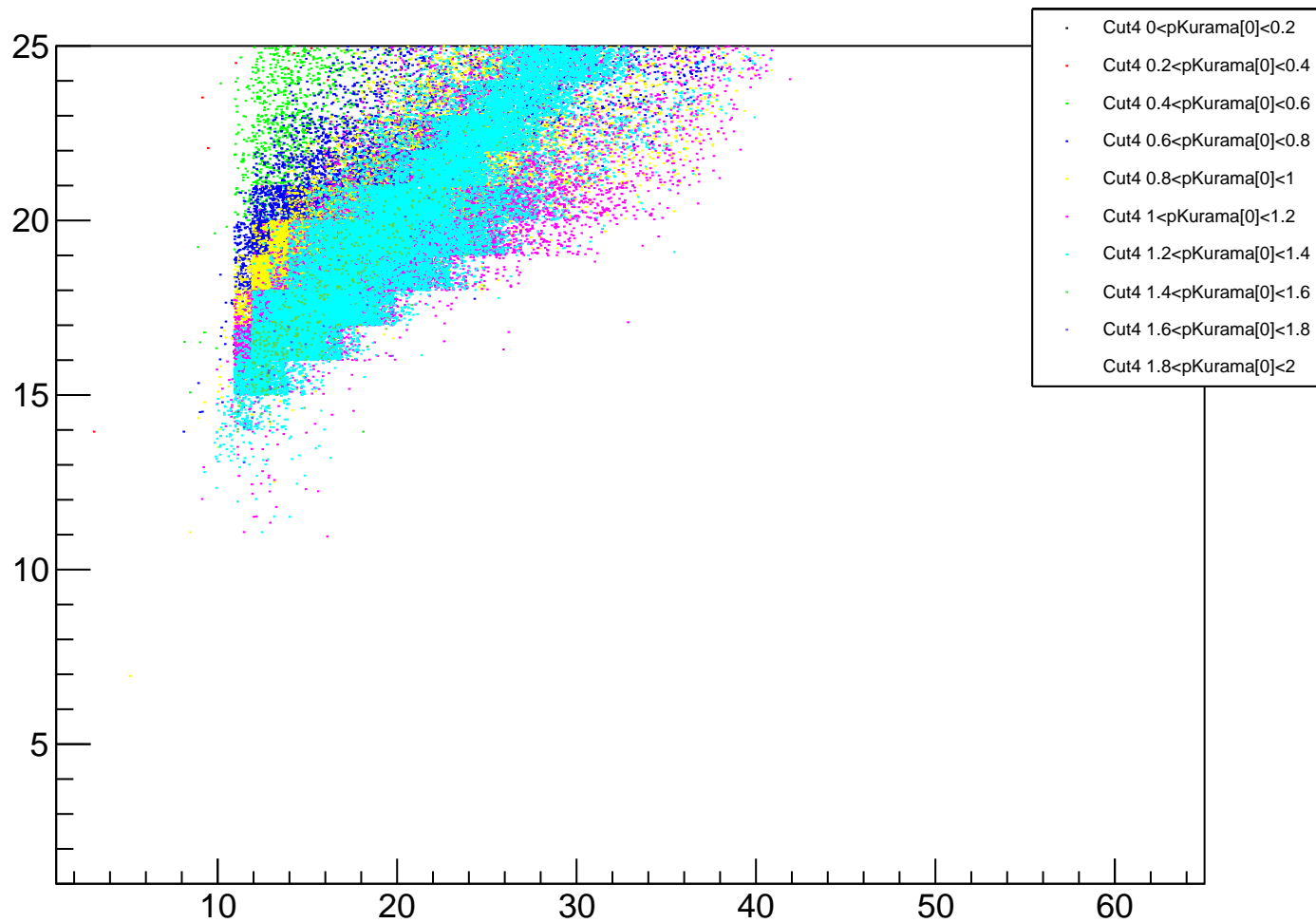
tofsegKurama[0] vs vpseg[1] Cut4 1.8<pKurama[0]<2



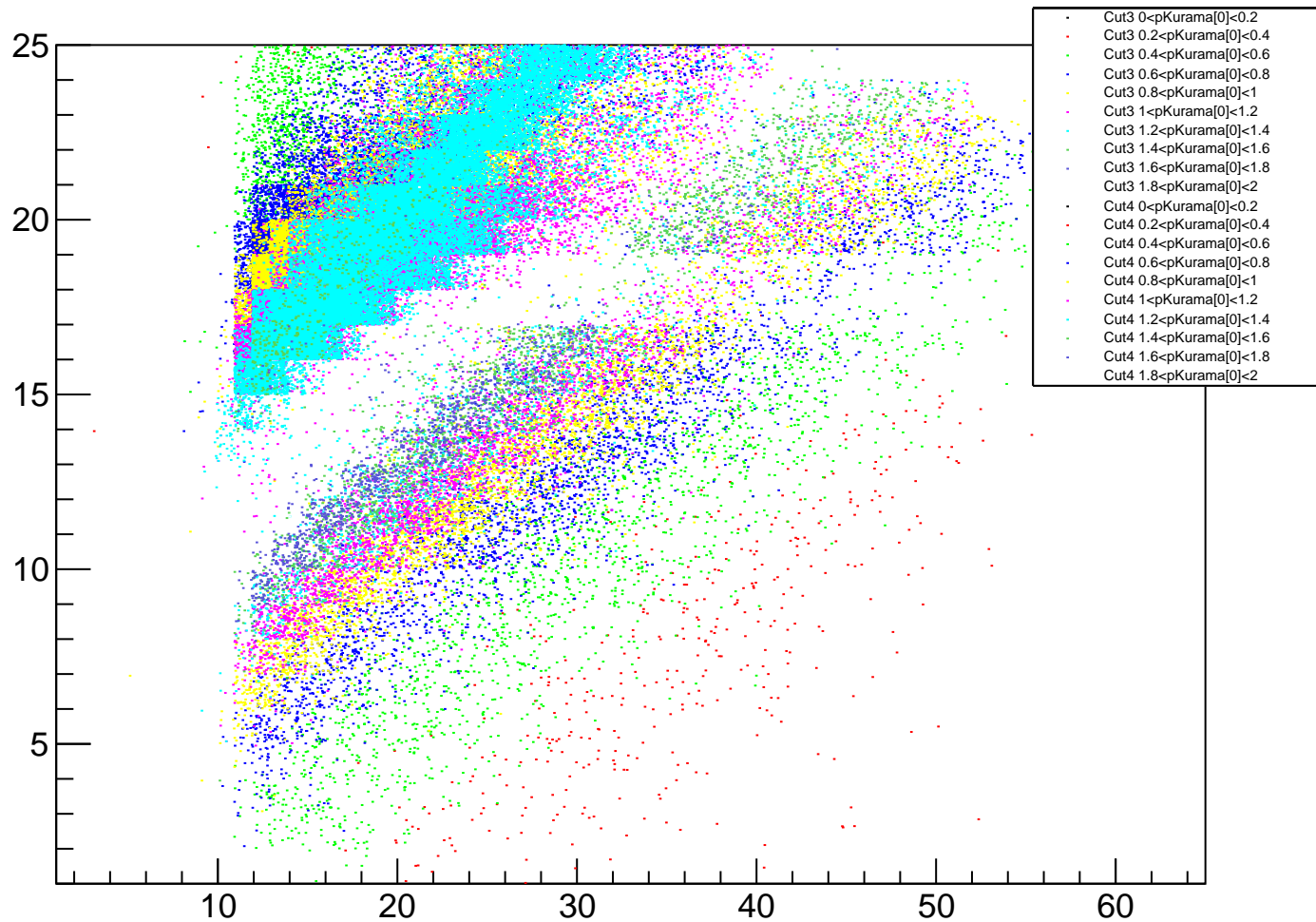
tofsegKurama[0] vs vpseg[1] Cut3 0<pKurama[0]<0.2



tofsegKurama[0] vs vpseg[1] Cut4 0<pKurama[0]<0.2



tofsegKurama[0] vs vpseg[1] Cut3 0<pKurama[0]<0.2



tofsegKurama[0] vs vpseg[1] Cut3 0.4<pKurama[0]<0.6

