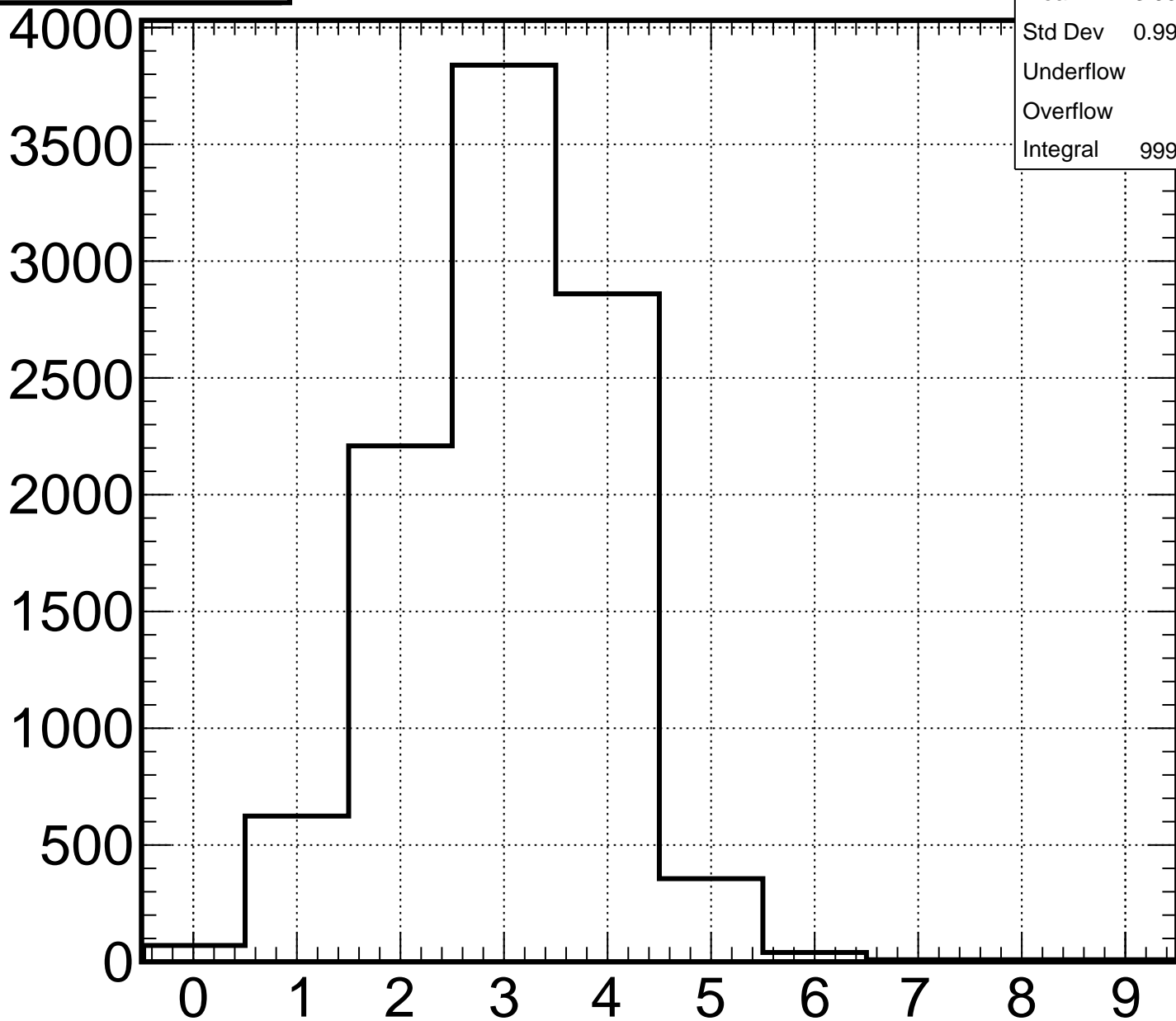


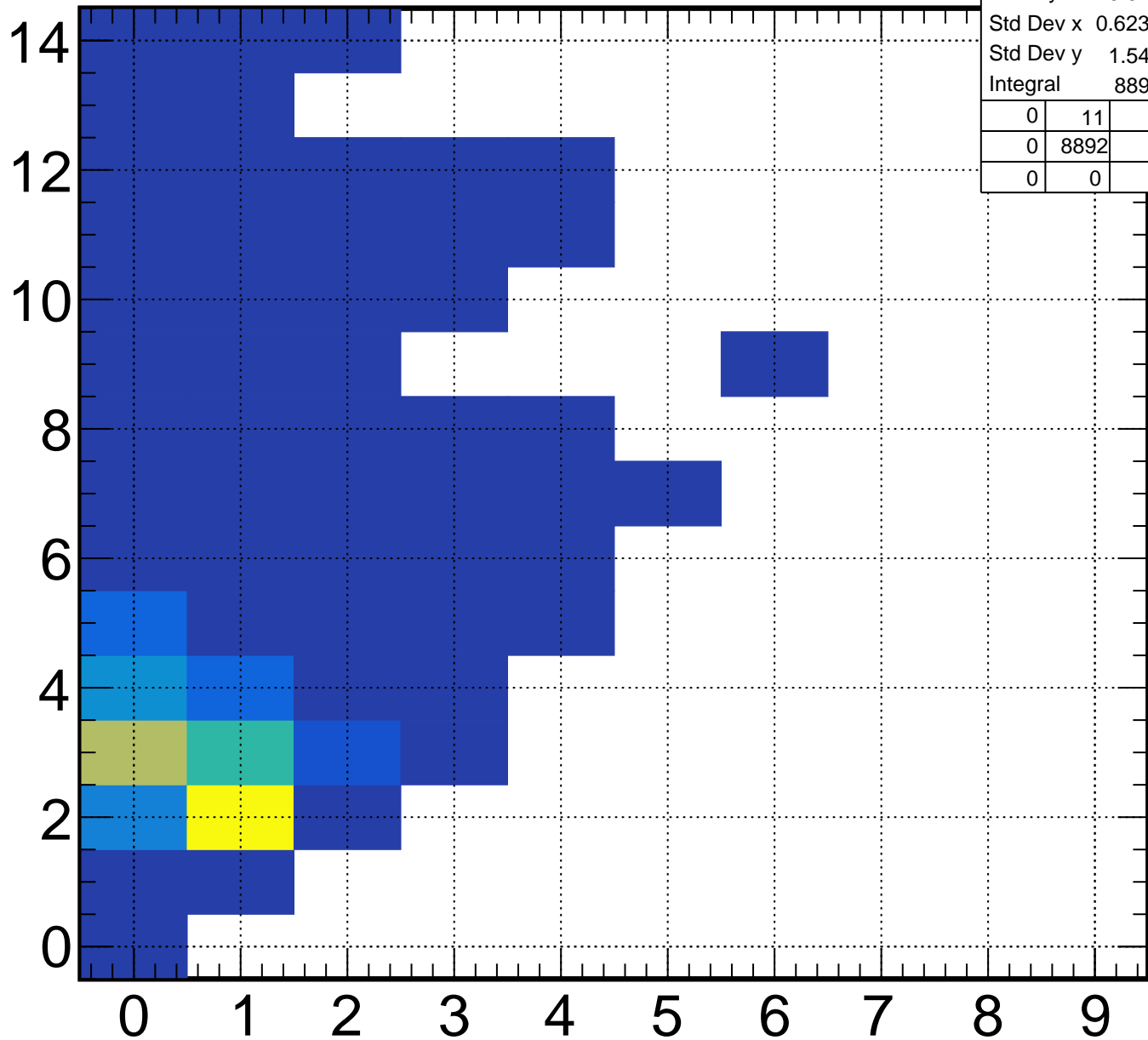
# h\_NbJets



h_NbJets	
Mean	3.003
Std Dev	0.999
Underflow	0
Overflow	0
Integral	9998

# h\_2d\_Hindex

subleading H b jet

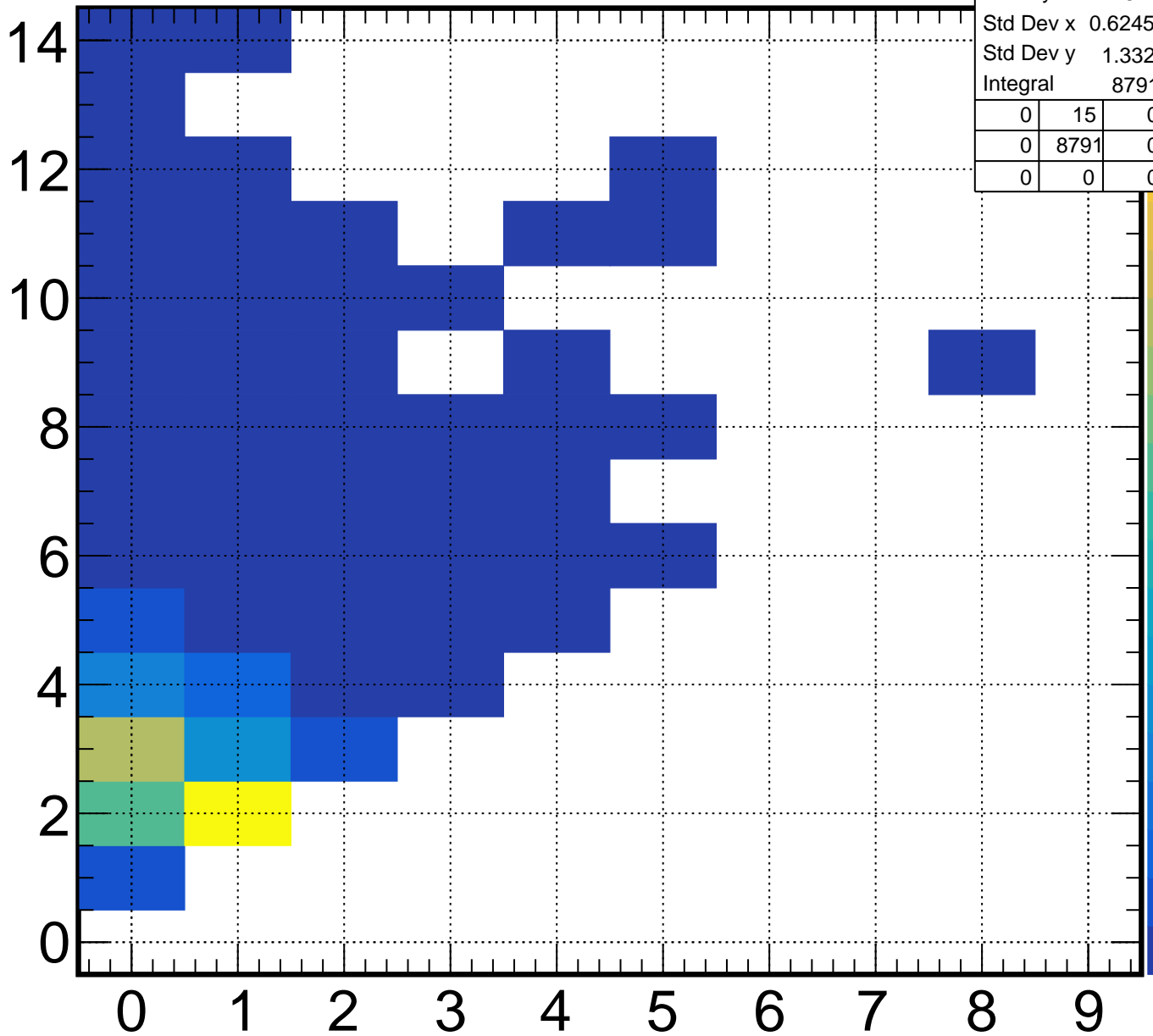


leading H b jet

h_2d_Hindex		
Mean x	0.6252	
Mean y	3.048	
Std Dev x	0.6236	
Std Dev y	1.545	
Integral	8892	
0	11	0
0	8892	0
0	0	0

# h\_2d\_A0index

subleading A0 b jet



leading A0 b jet

# h\_CISVV2\_H\_0

h\_CISVV2\_H\_0

Mean	0.8805
Std Dev	0.1315
Underflow	1870
Overflow	0
Integral	7578

1200

1000

800

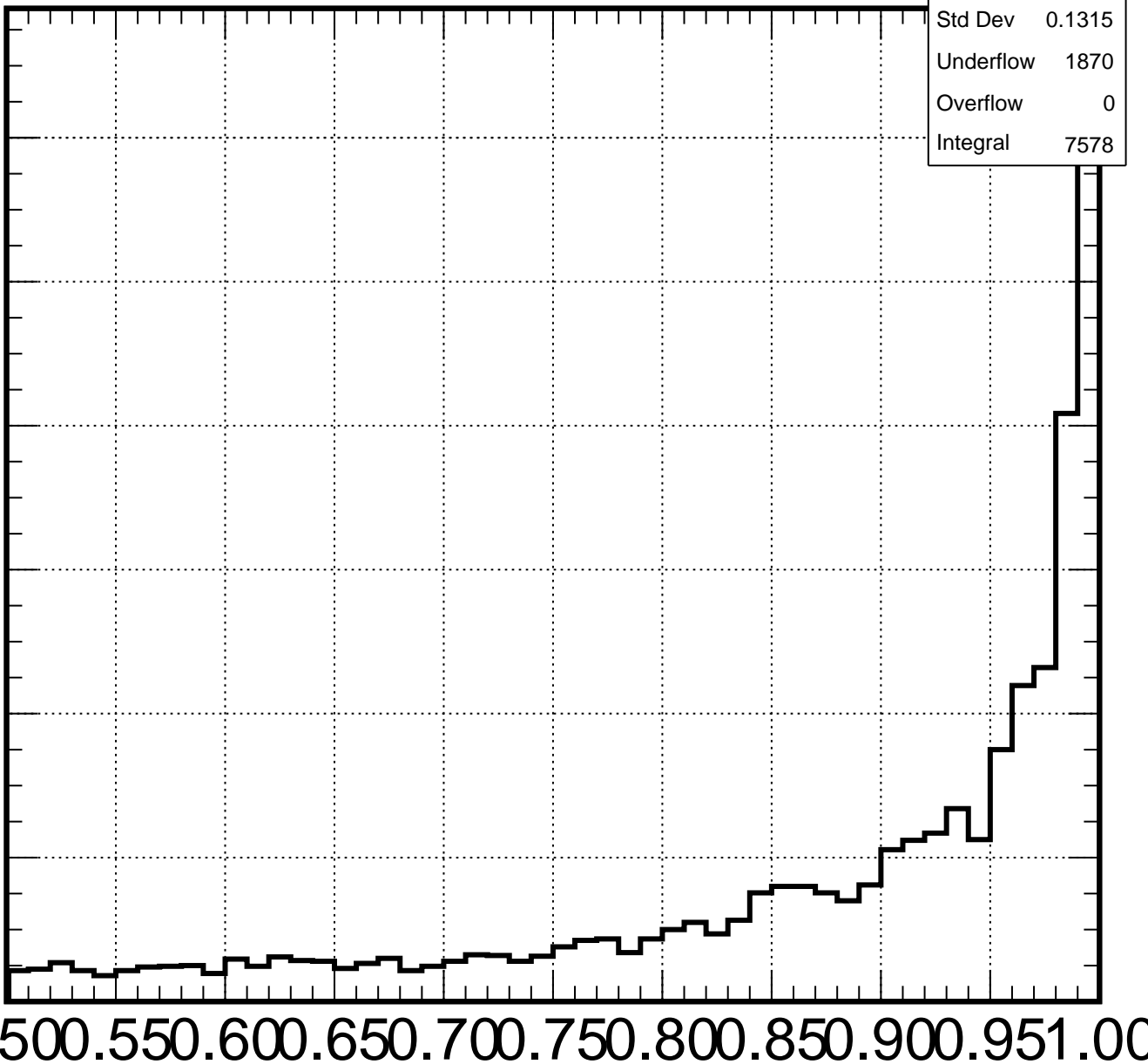
600

400

200

0

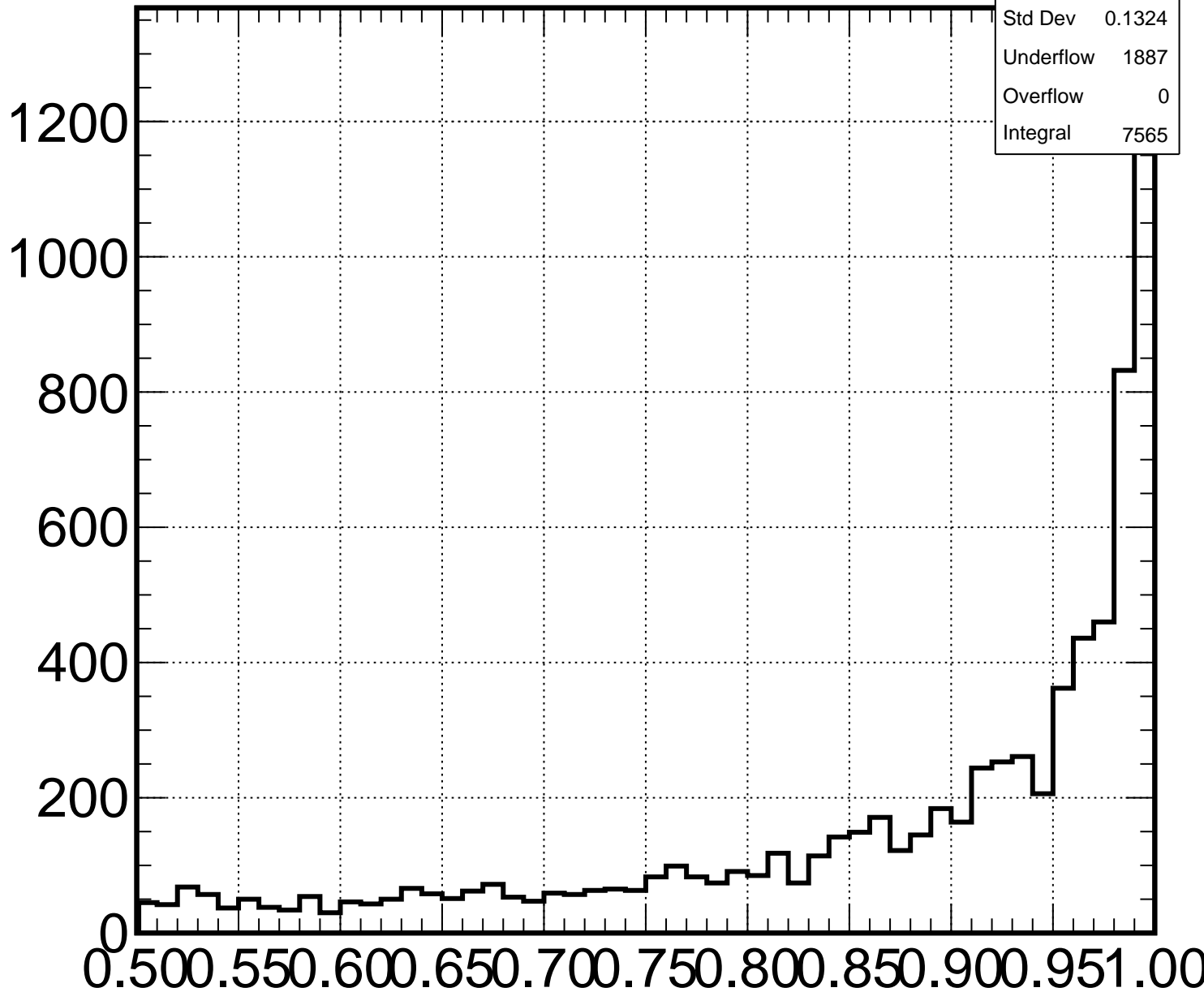
0.500 0.550 0.600 0.650 0.700 0.750 0.800 0.850 0.900 0.951.00



# h\_CISVV2\_H\_1

## h\_CISVV2\_H\_1

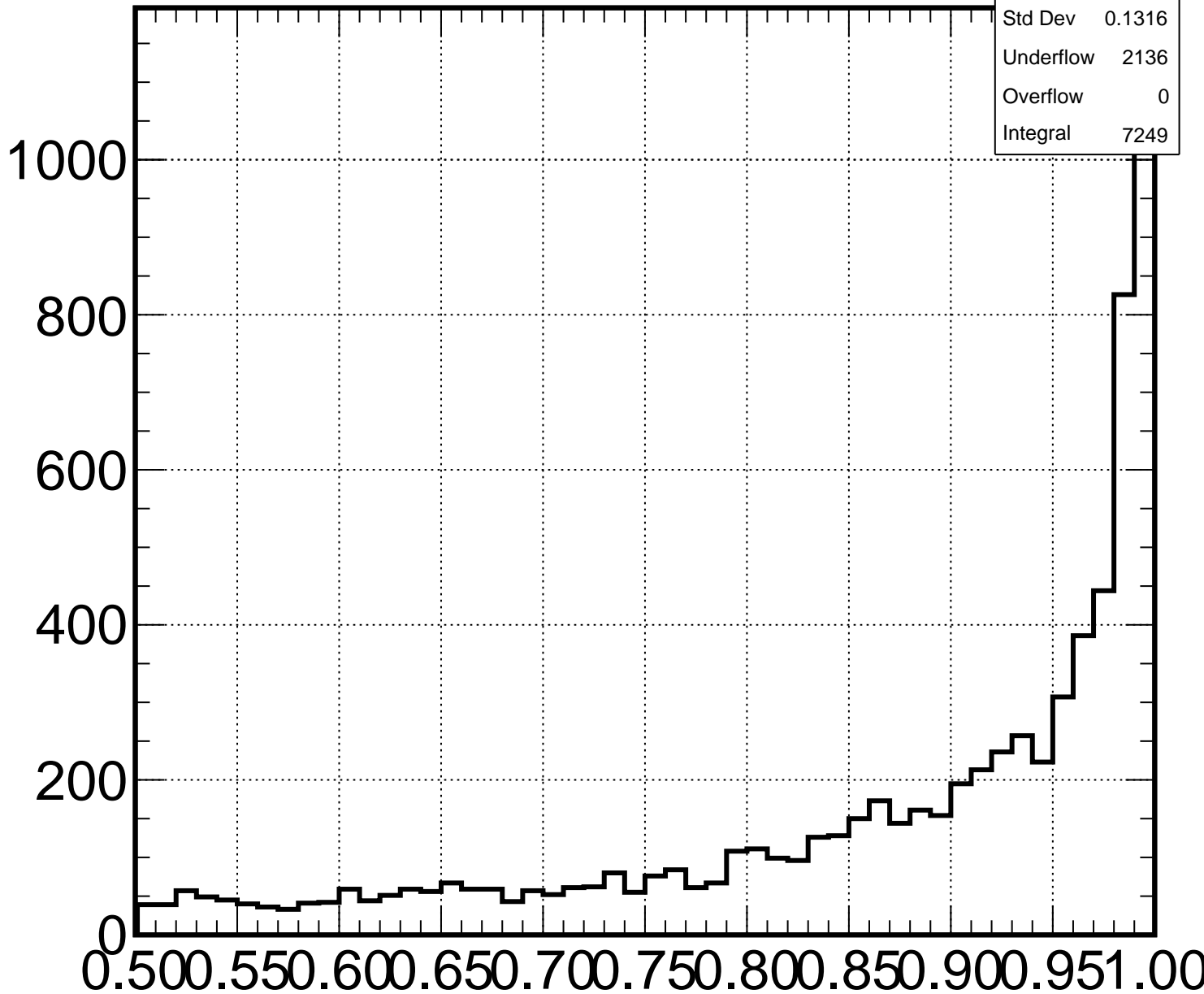
Mean	0.8797
Std Dev	0.1324
Underflow	1887
Overflow	0
Integral	7565



# h\_CISVV2\_A0\_0

h\_CISVV2\_A0\_0

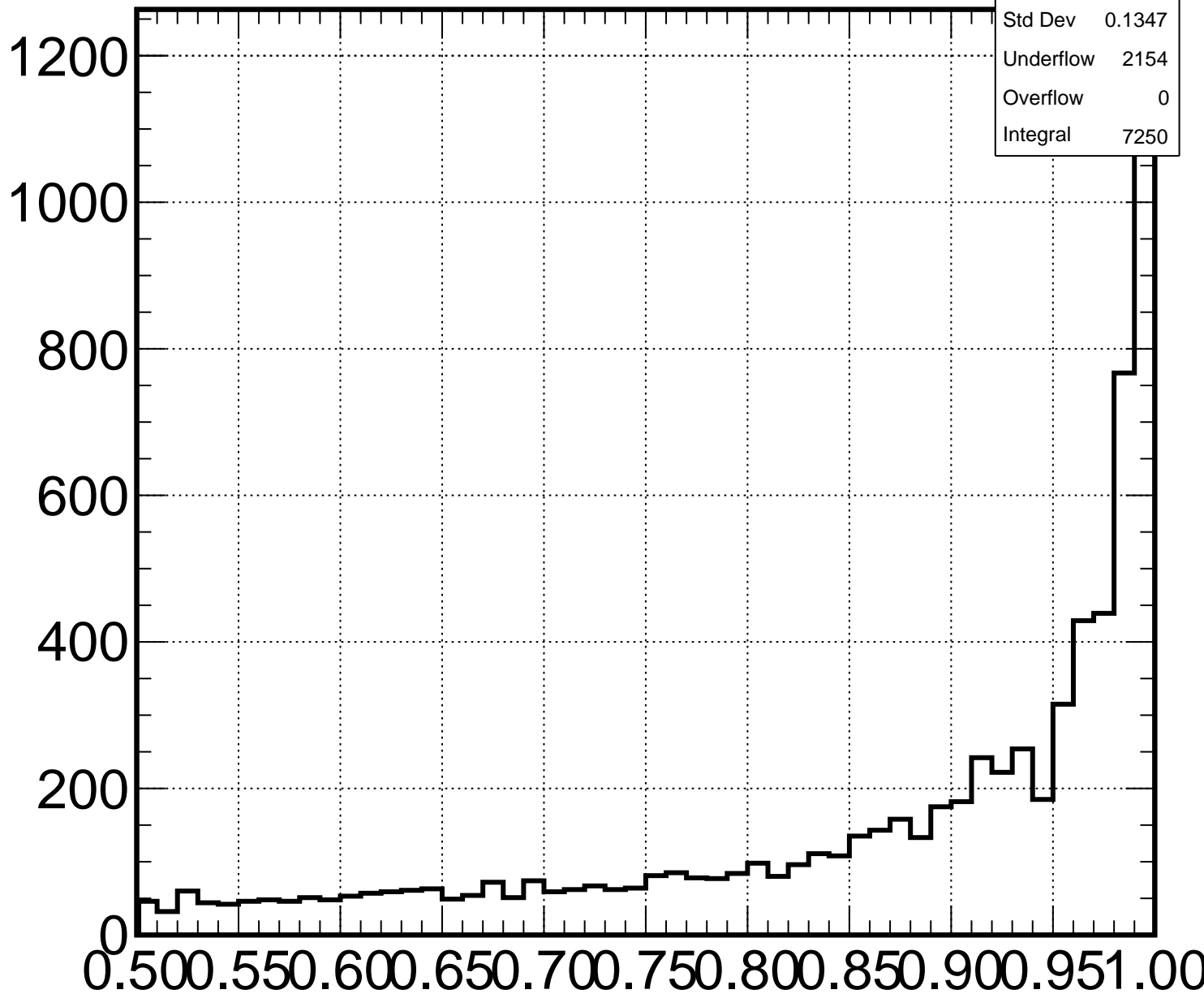
Mean	0.8771
Std Dev	0.1316
Underflow	2136
Overflow	0
Integral	7249

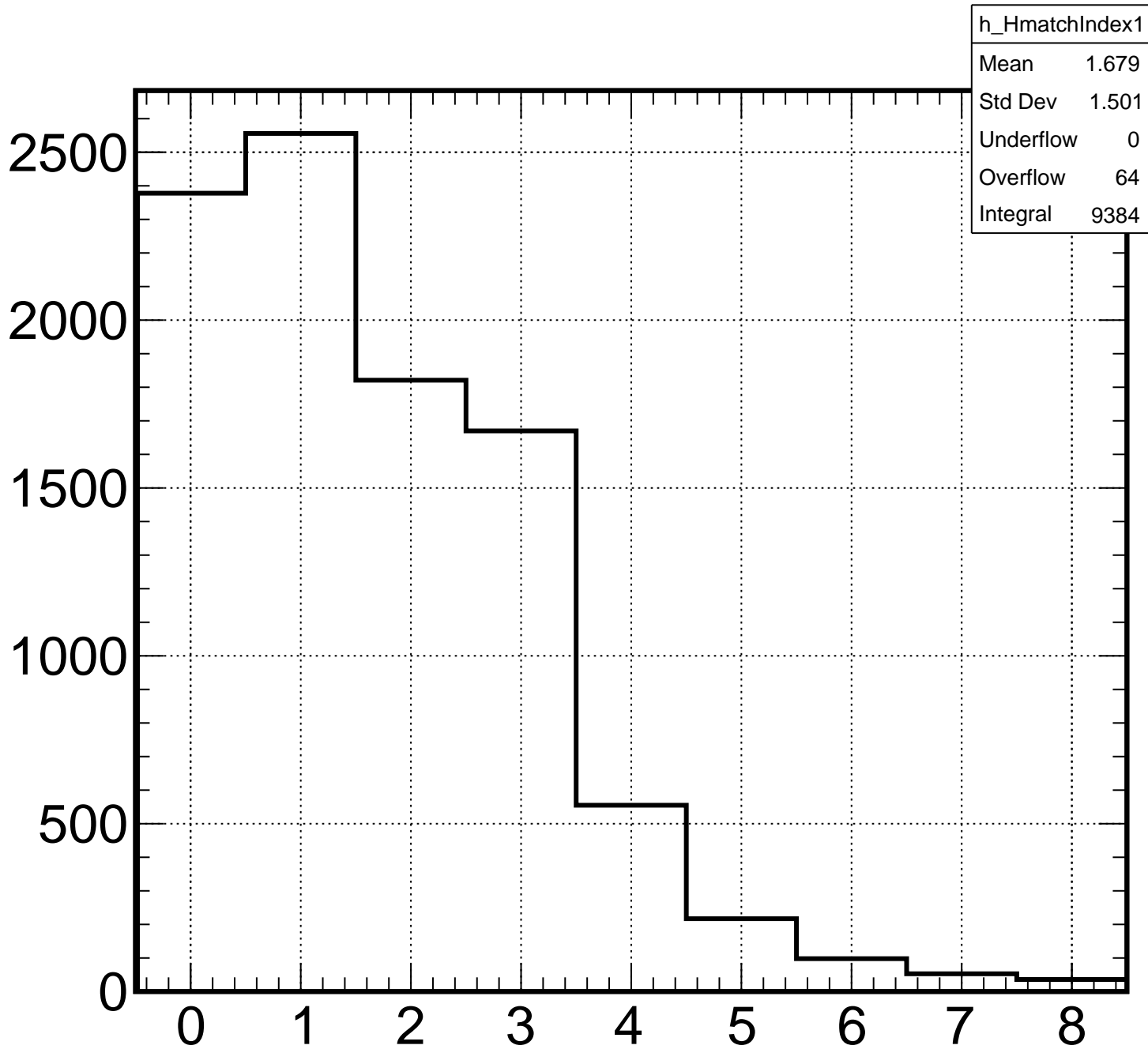


# h\_CISVV2\_A0\_1

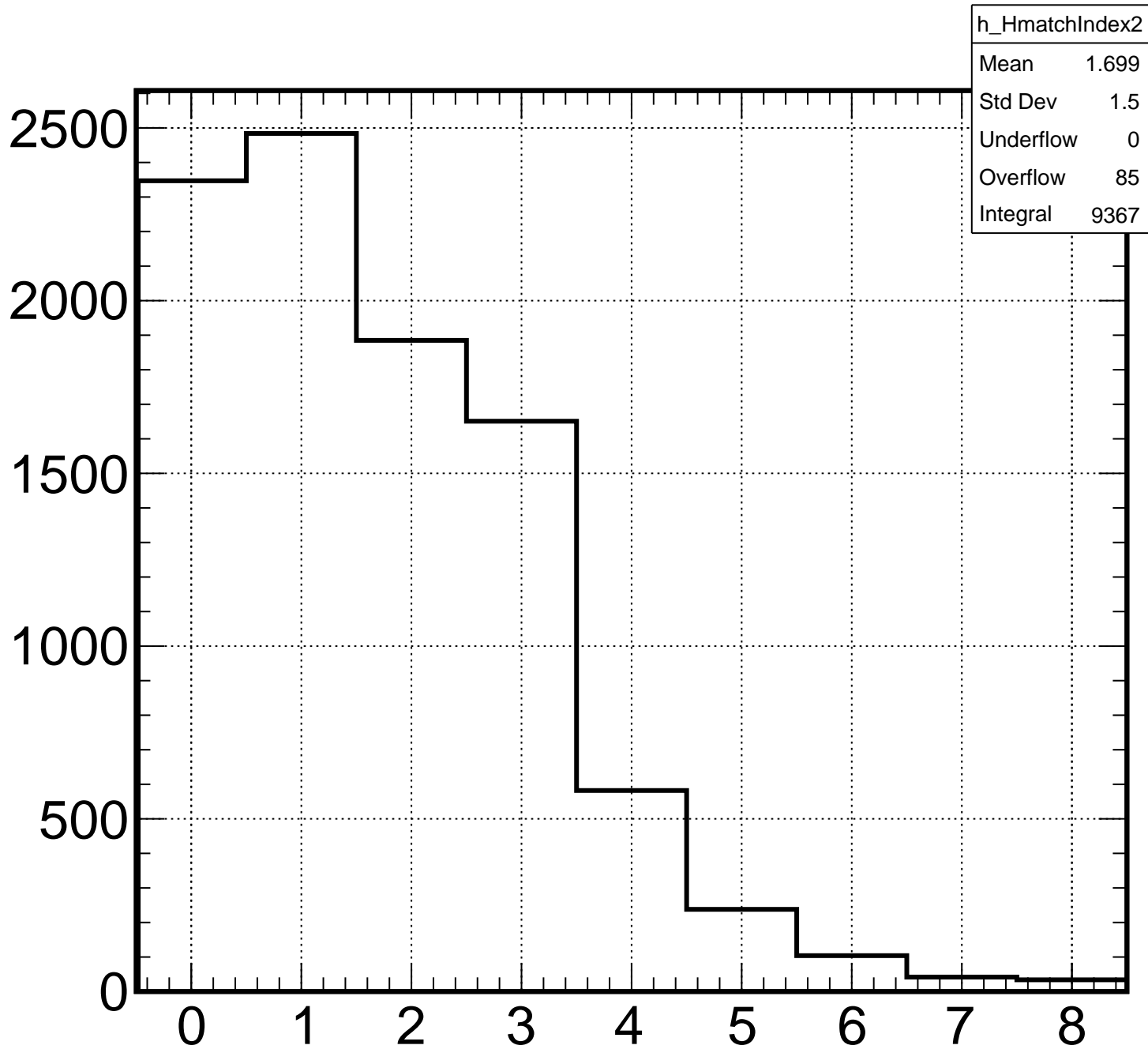
h\_CISVV2\_A0\_1

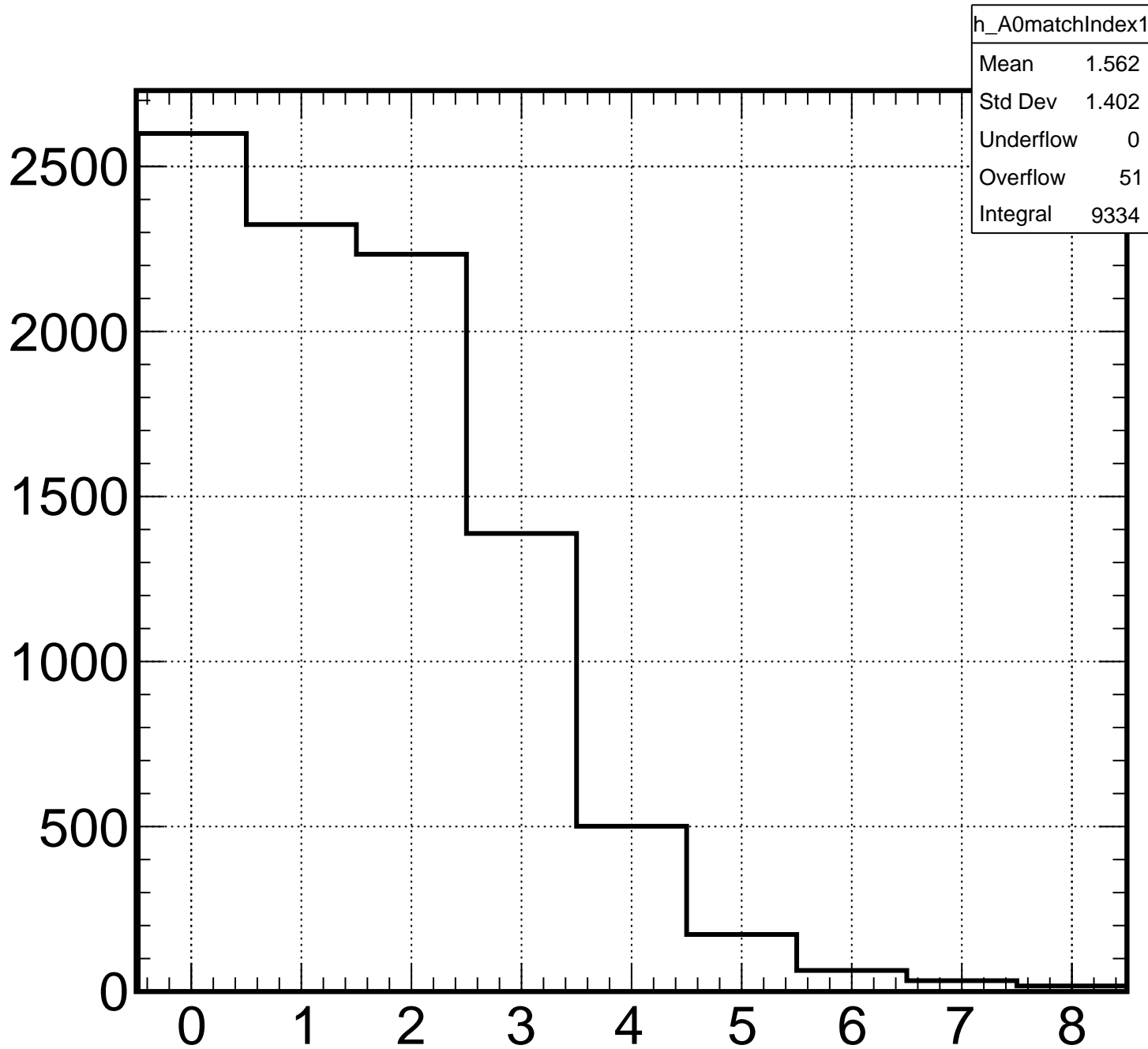
Mean	0.8749
Std Dev	0.1347
Underflow	2154
Overflow	0
Integral	7250

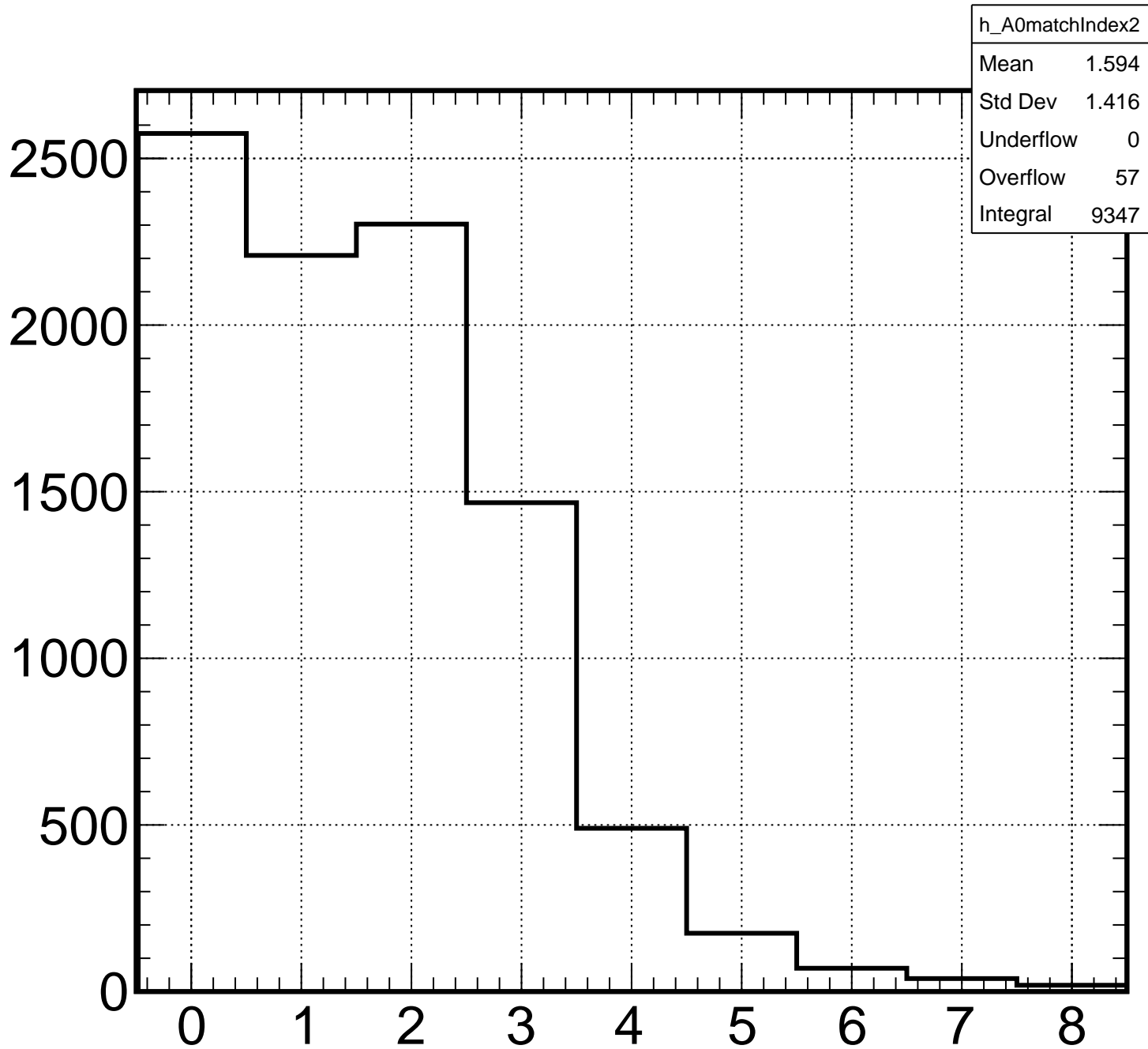












# h\_Ncisvv2Num

h\_Ncisvv2Num

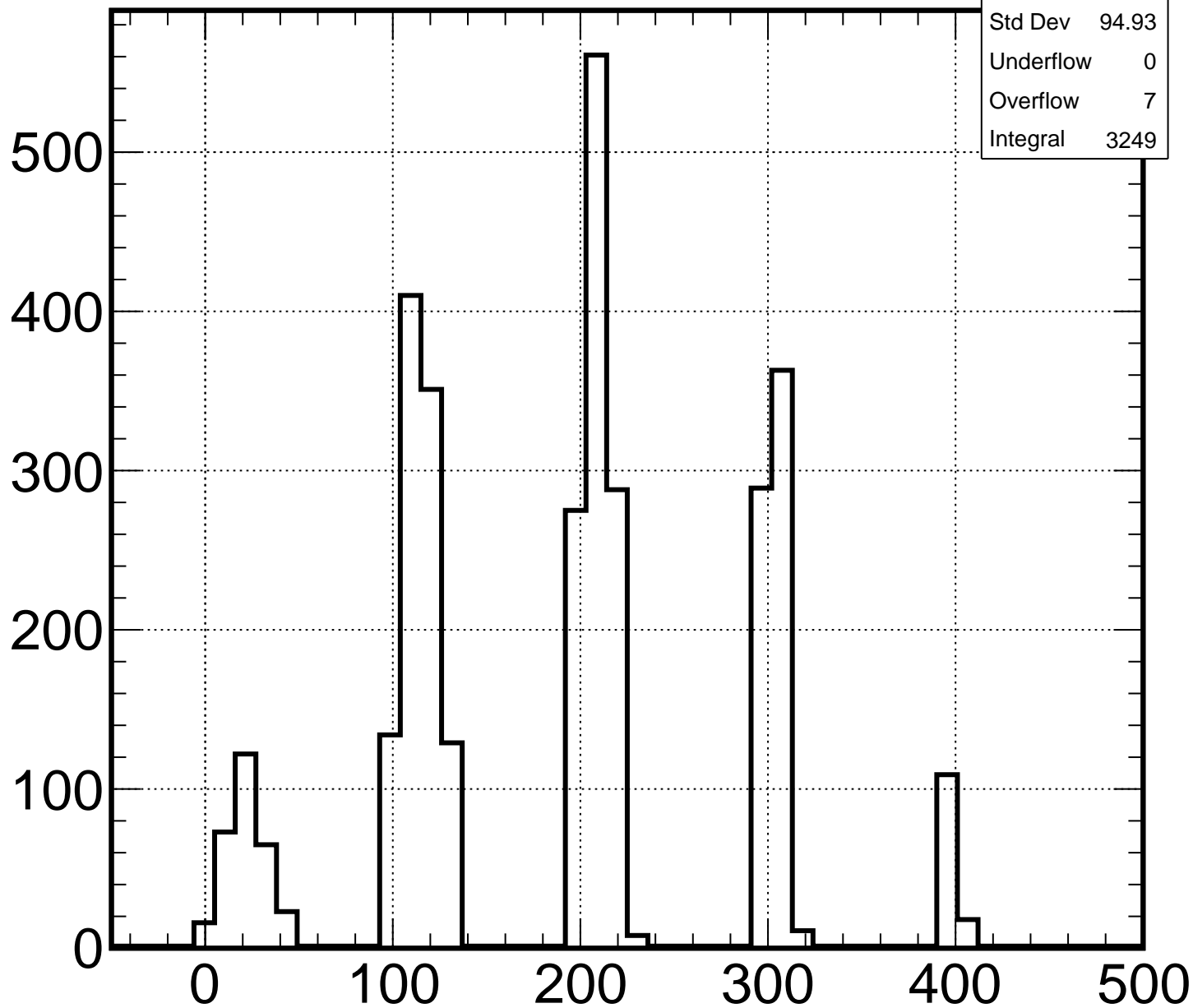
Mean 190.7

Std Dev 94.93

Underflow 0

Overflow 7

Integral 3249



# h\_2d\_HgenMatchLMT

subleading H b jet

NULL

T

M

L

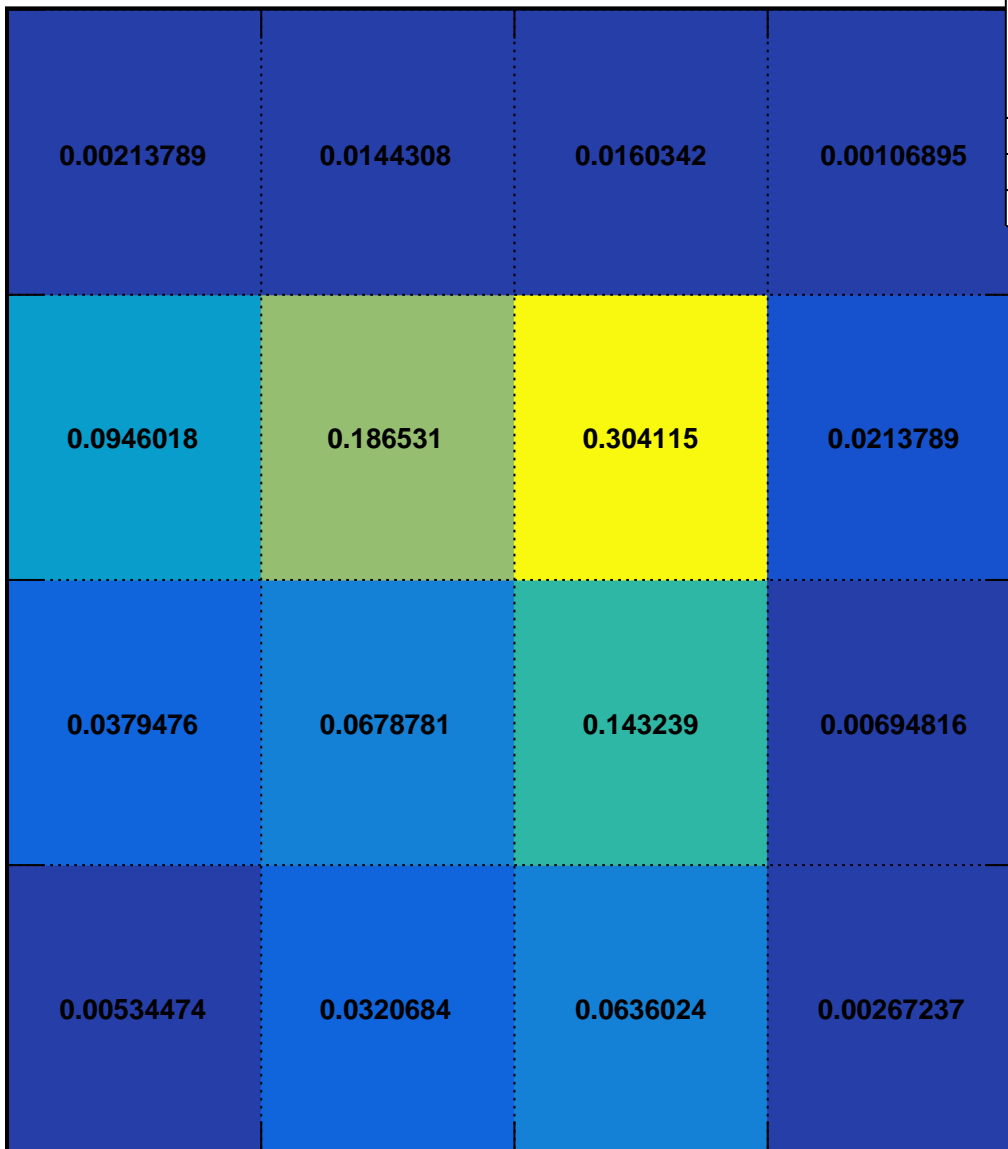
L

M

T

NULL

leading H b jet



h_2d_HLMMT		
Mean x	1.951	
Mean y	2.07	
Std Dev x	0.7693	
Std Dev y	0.721	
Integral	1	
0	0	0
0	1	0
0	0	0

0.20

0.15

0.10

0.05

# h\_2d\_A0genMatchLMT

subleading A0 b jet

NULL

T

M

L

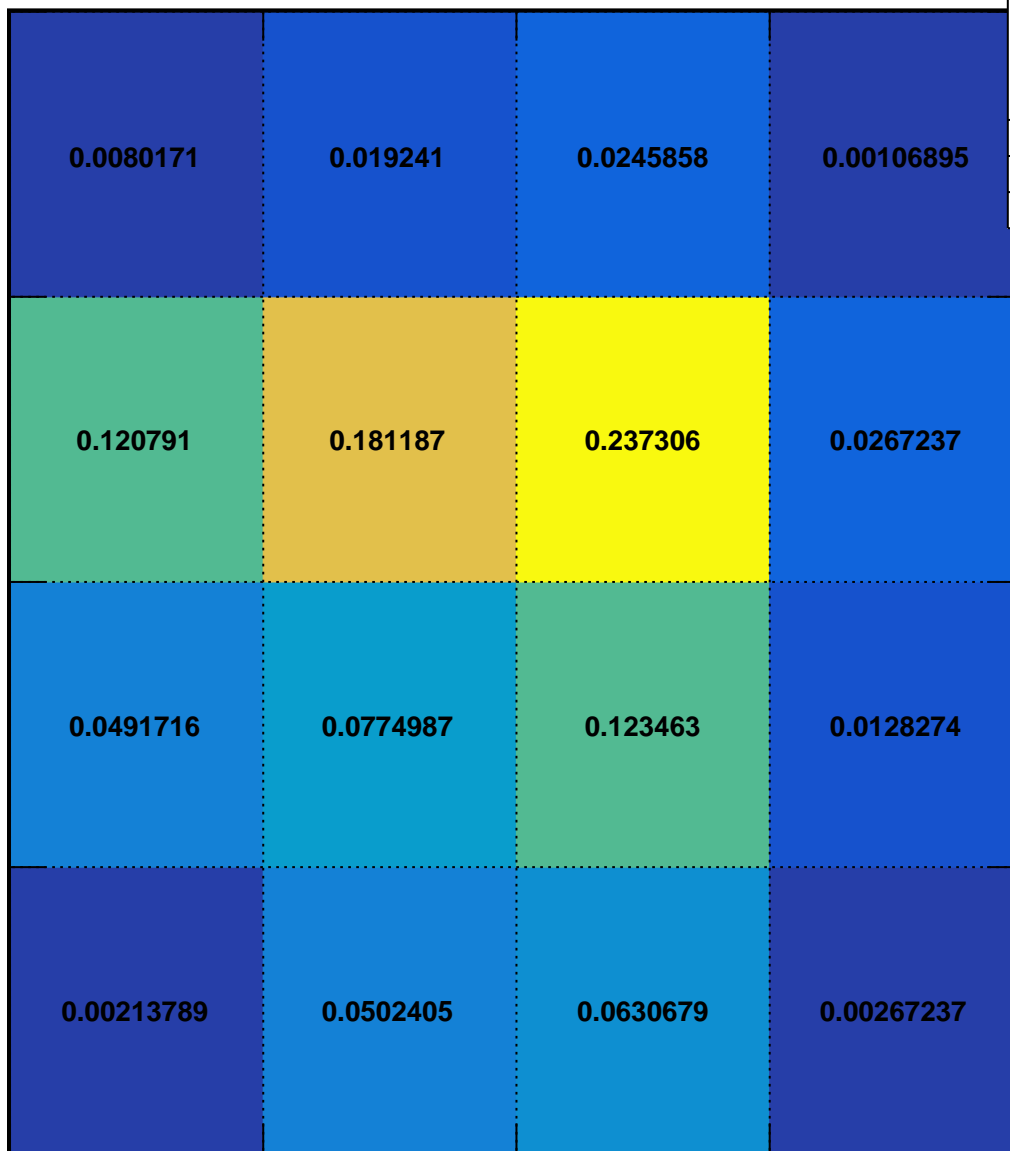
L

M

T

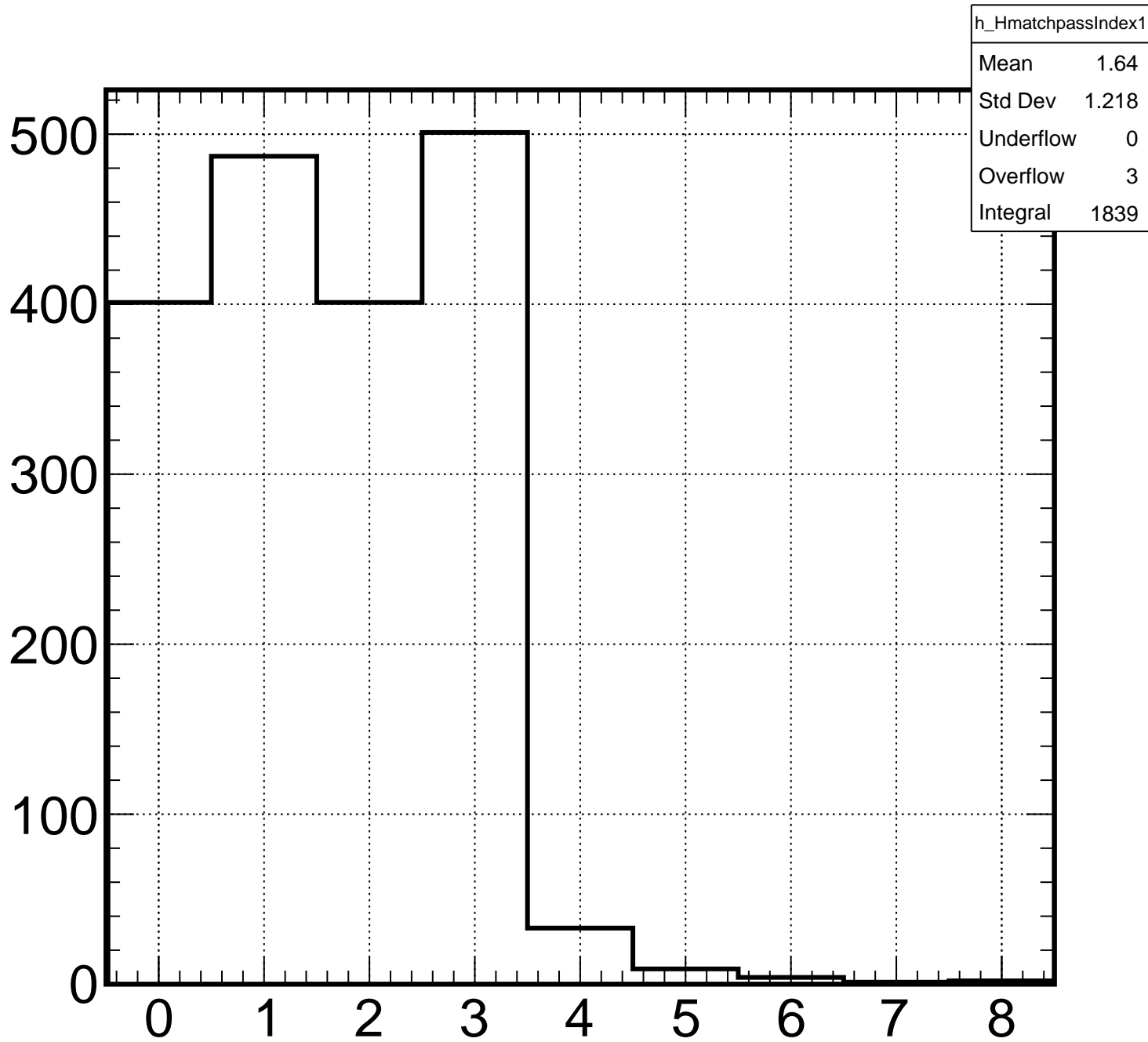
NULL

leading A0 b jet

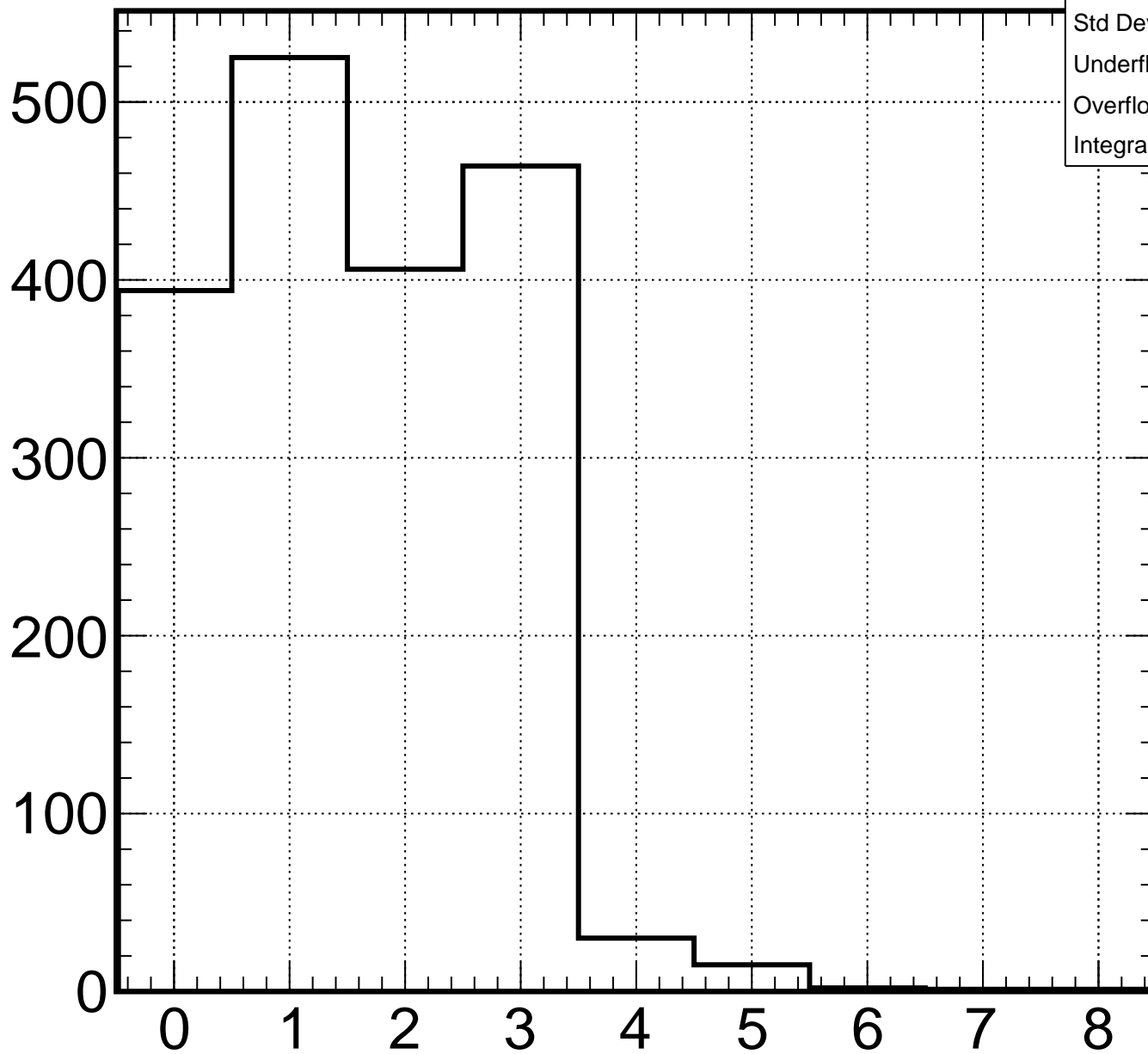


h_2d_A0LMMT		
Mean x	1.855	
Mean y	2.054	
Std Dev x	0.822	
Std Dev y	0.7676	
Integral	1	
0	0	0
0	0	0
0	0	0

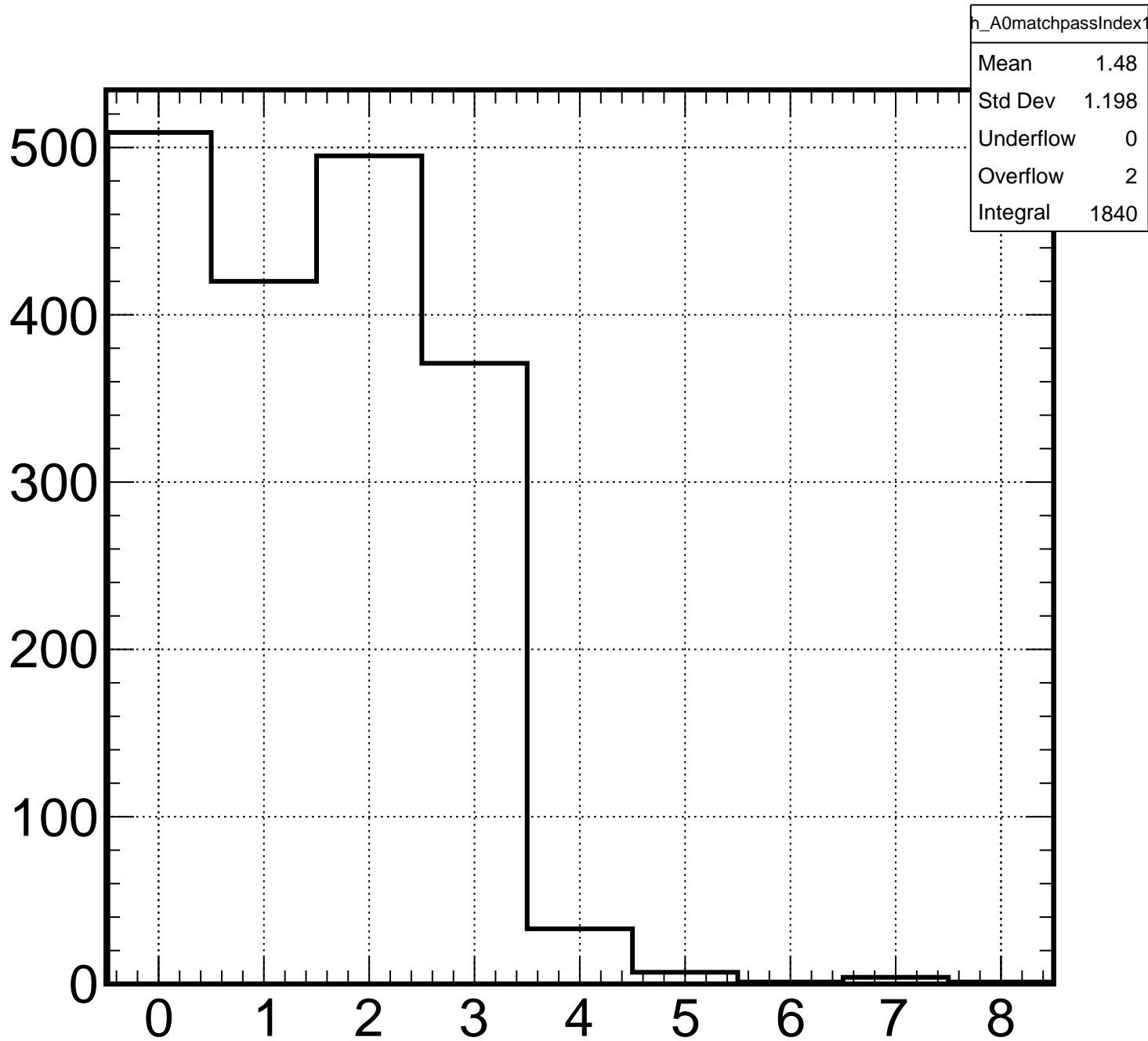
0.18  
0.16  
0.14  
0.12  
0.10  
0.08  
0.06  
0.04  
0.02

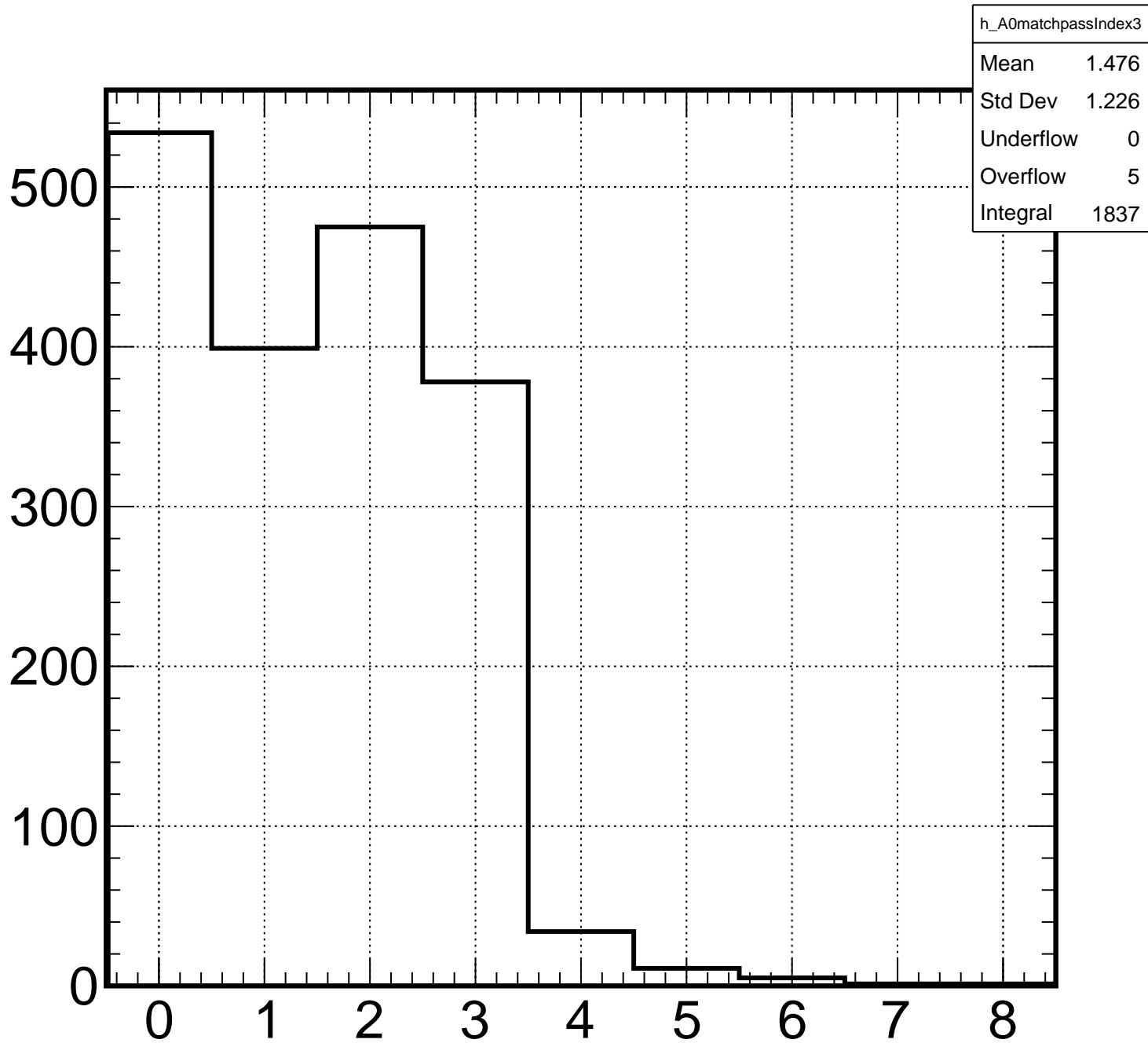


h_HmatchpassIndex2	
Mean	1.606
Std Dev	1.196
Underflow	0
Overflow	4
Integral	1838

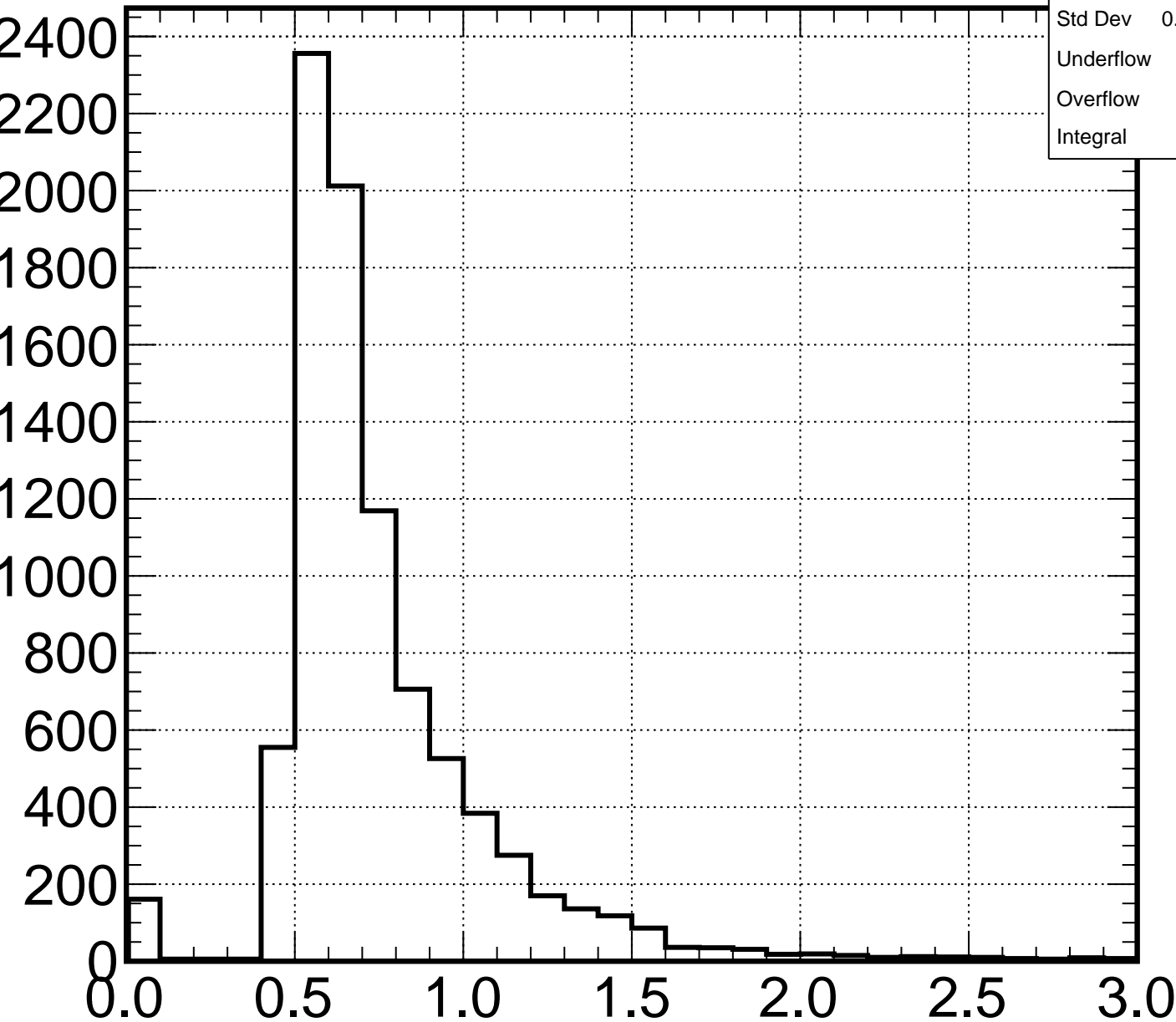






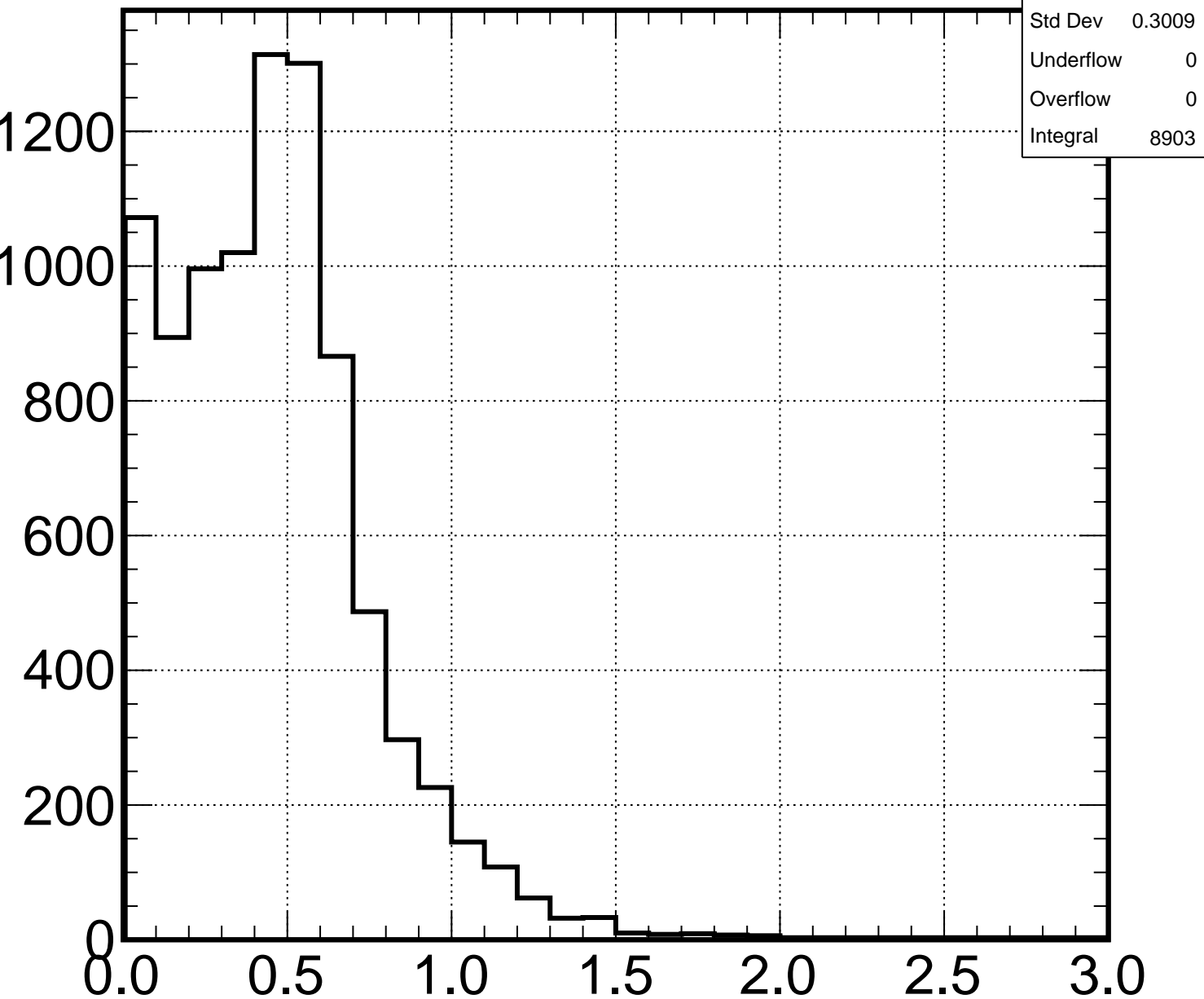


# h\_hbbMatchDeltaR

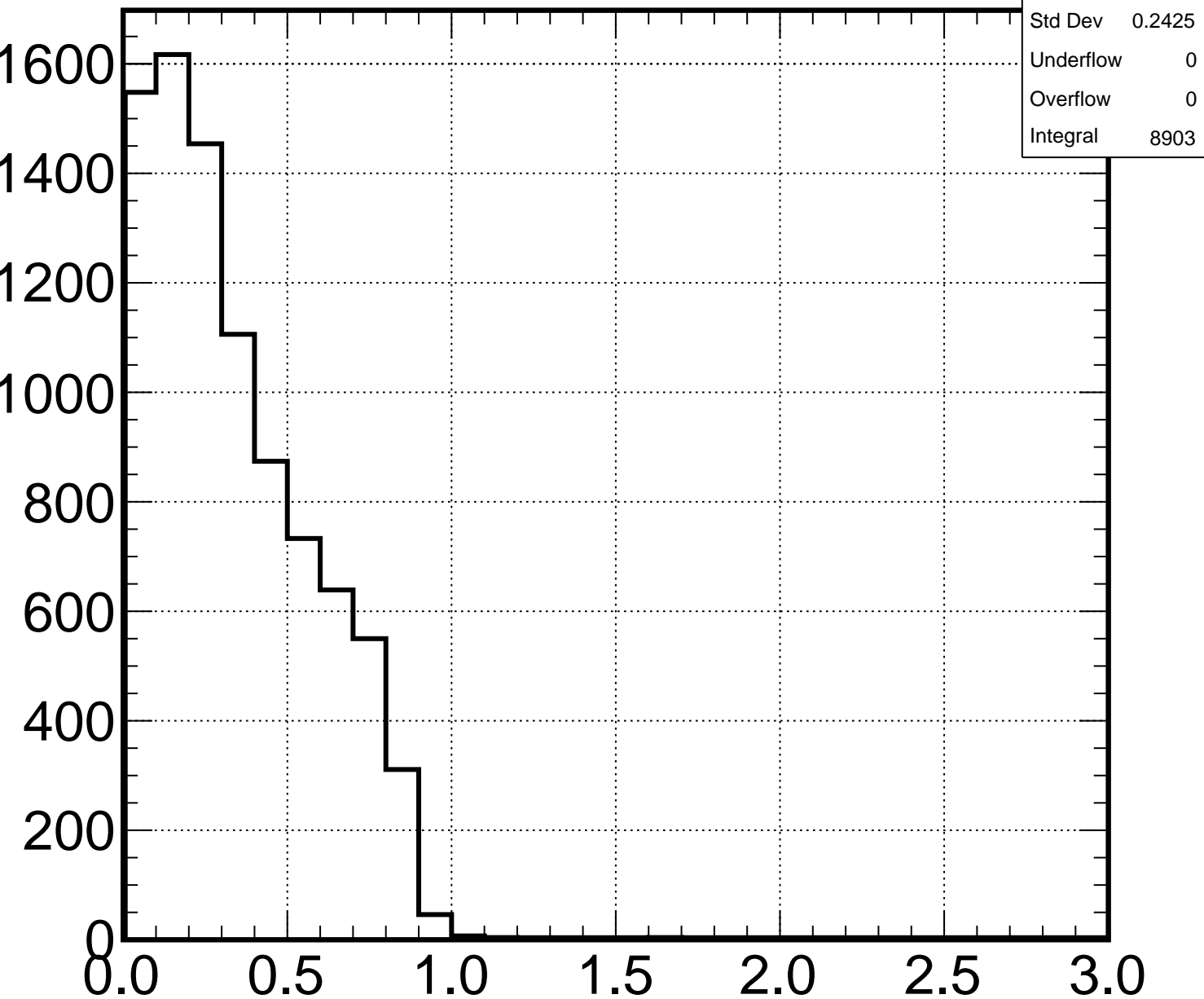


h_hbbMatchDeltaR	
Mean	0.7562
Std Dev	0.3309
Underflow	0
Overflow	26
Integral	8877

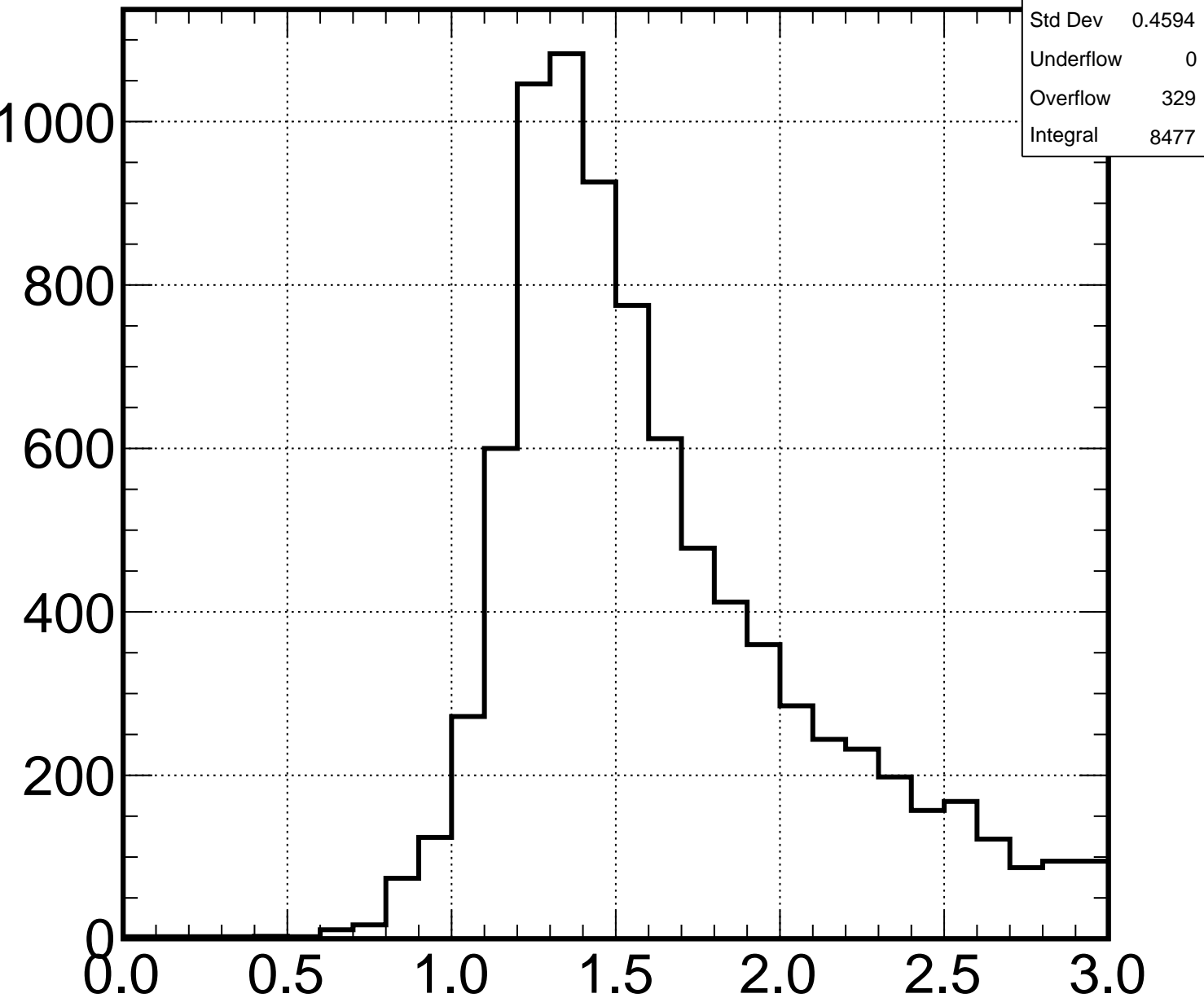
# h\_hbbMatchDeltaEta



# h\_hbbMatchPtAs

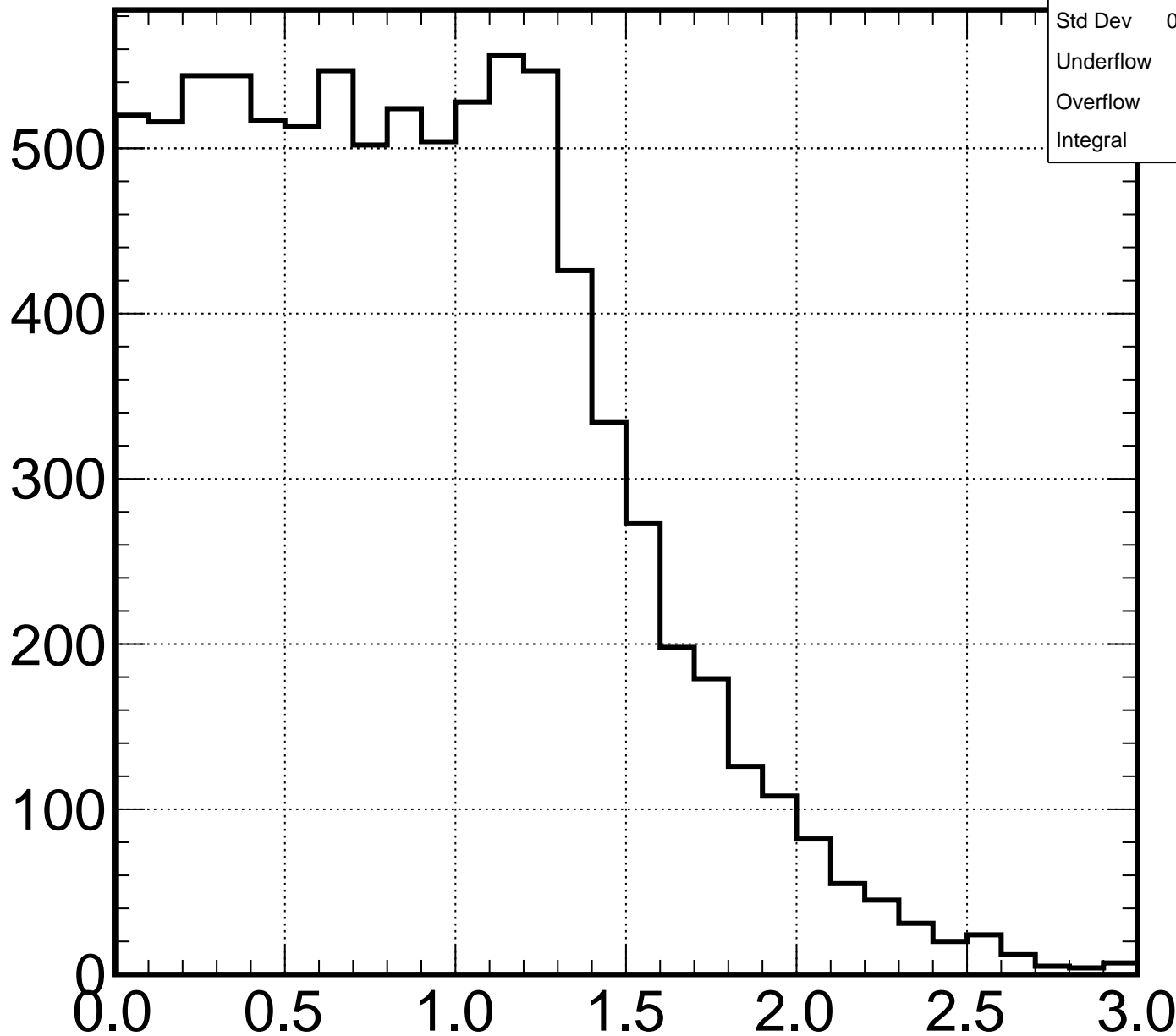


# h\_A0bbMatchDeltaR

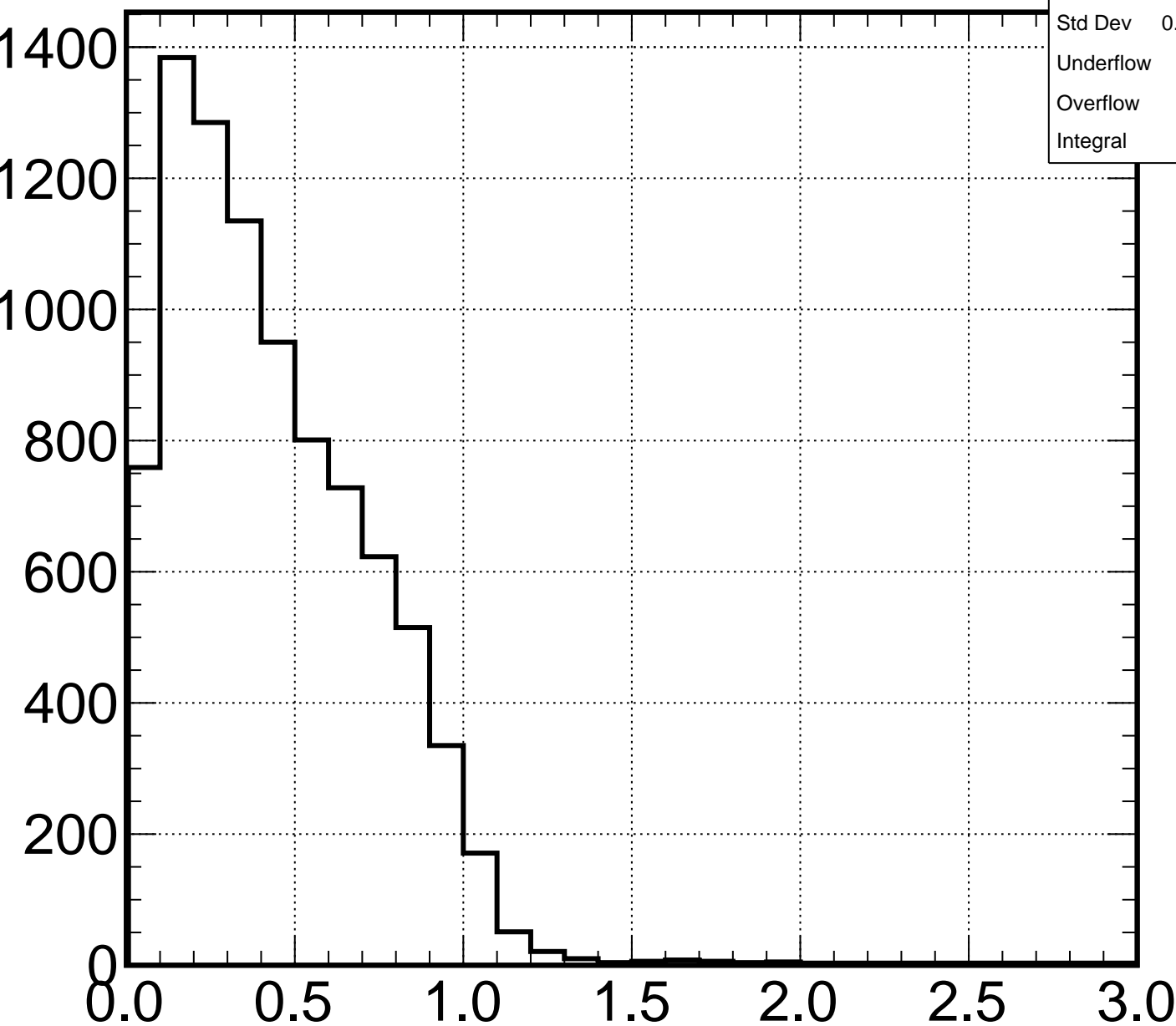


# h\_A0bbMatchDeltaEta

Mean	0.874
Std Dev	0.5551
Underflow	0
Overflow	15
Integral	8791



# h\_A0bbMatchPtAs



h\_A0bbMatchPtAs

Mean 0.4397

Std Dev 0.2888

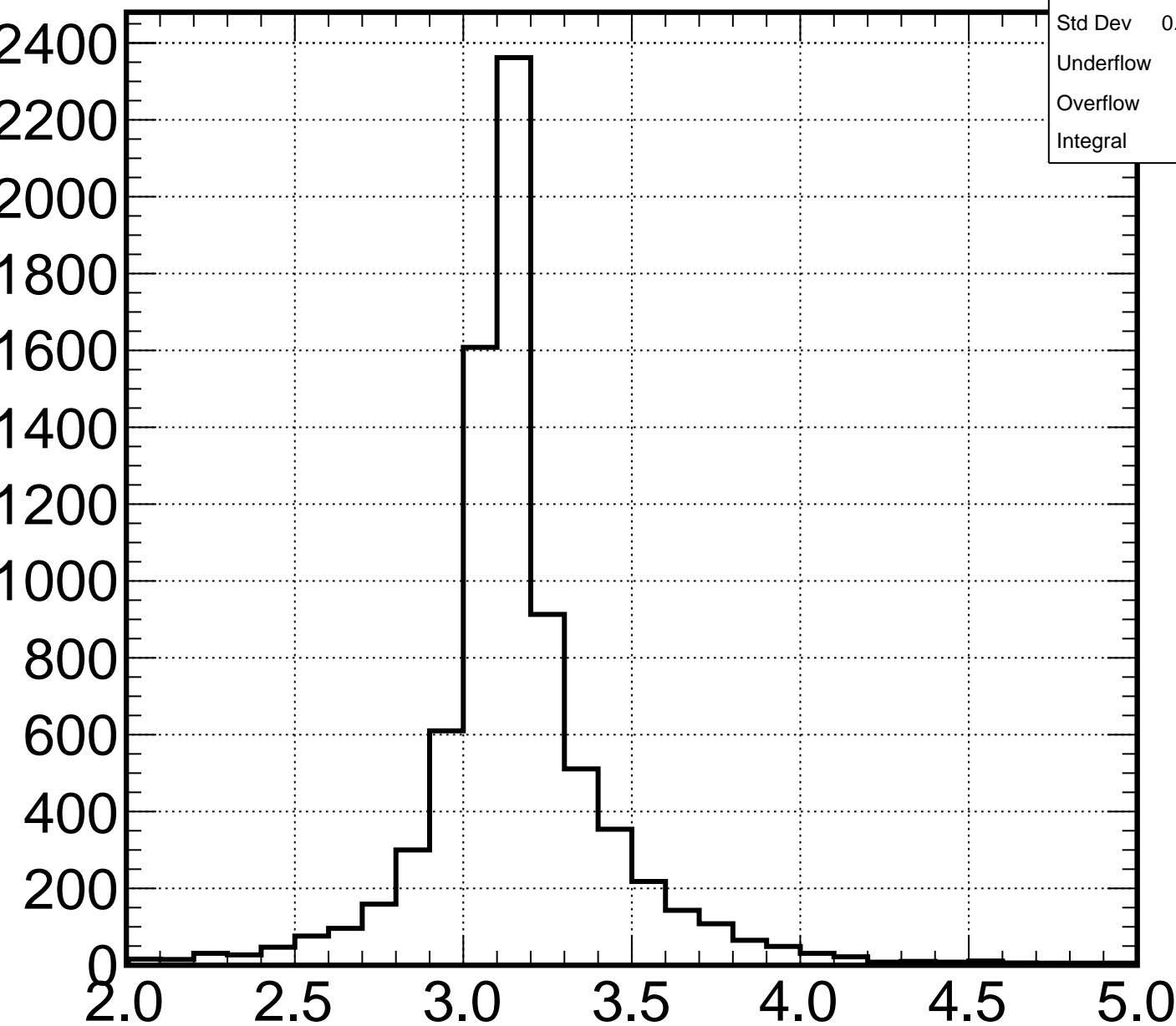
Underflow 0

Overflow 0

Integral 8806



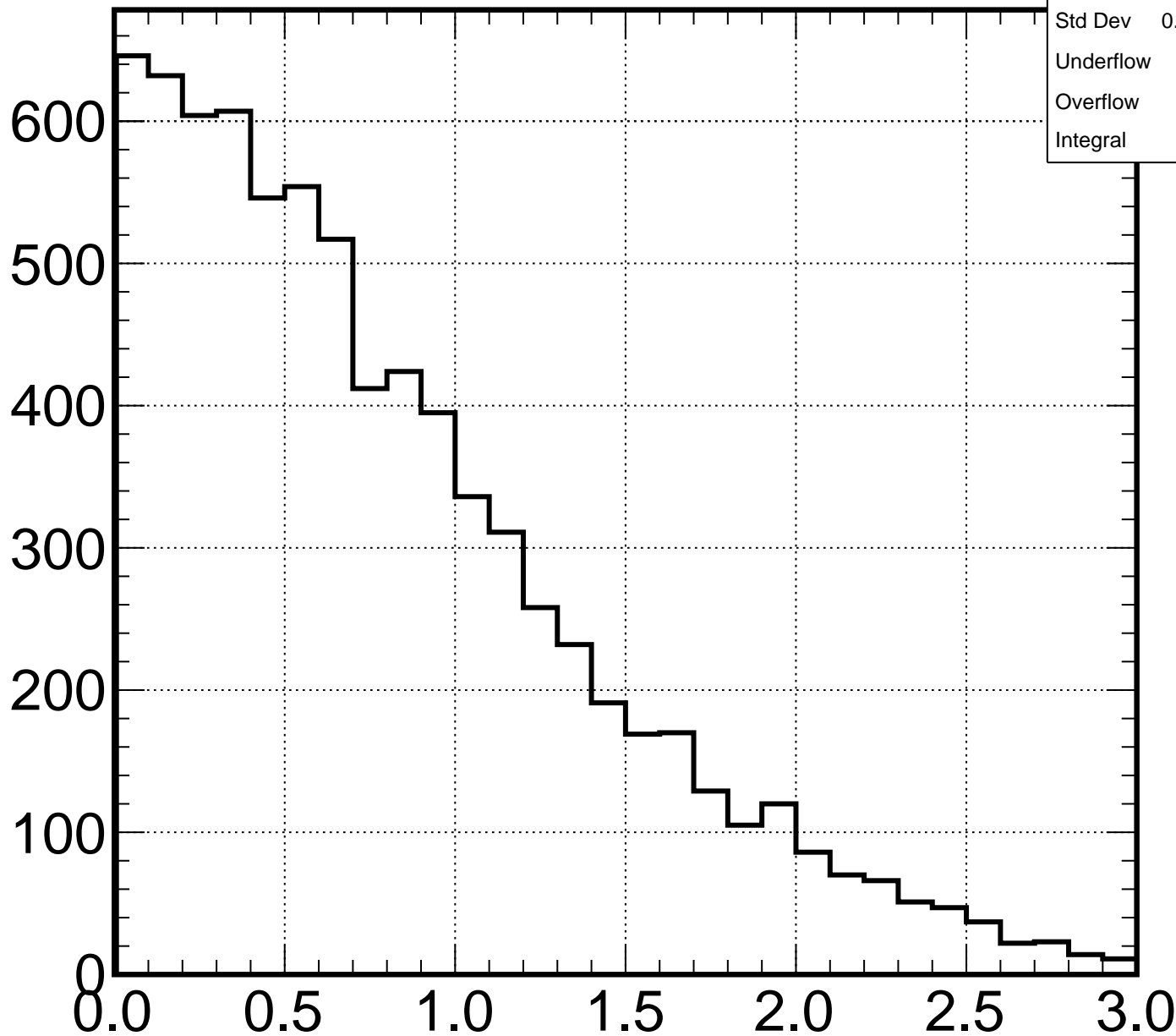
# h\_A0HMatchDeltaR



h_A0HMatchDeltaR	
Mean	3.16
Std Dev	0.2809
Underflow	39
Overflow	4
Integral	7813

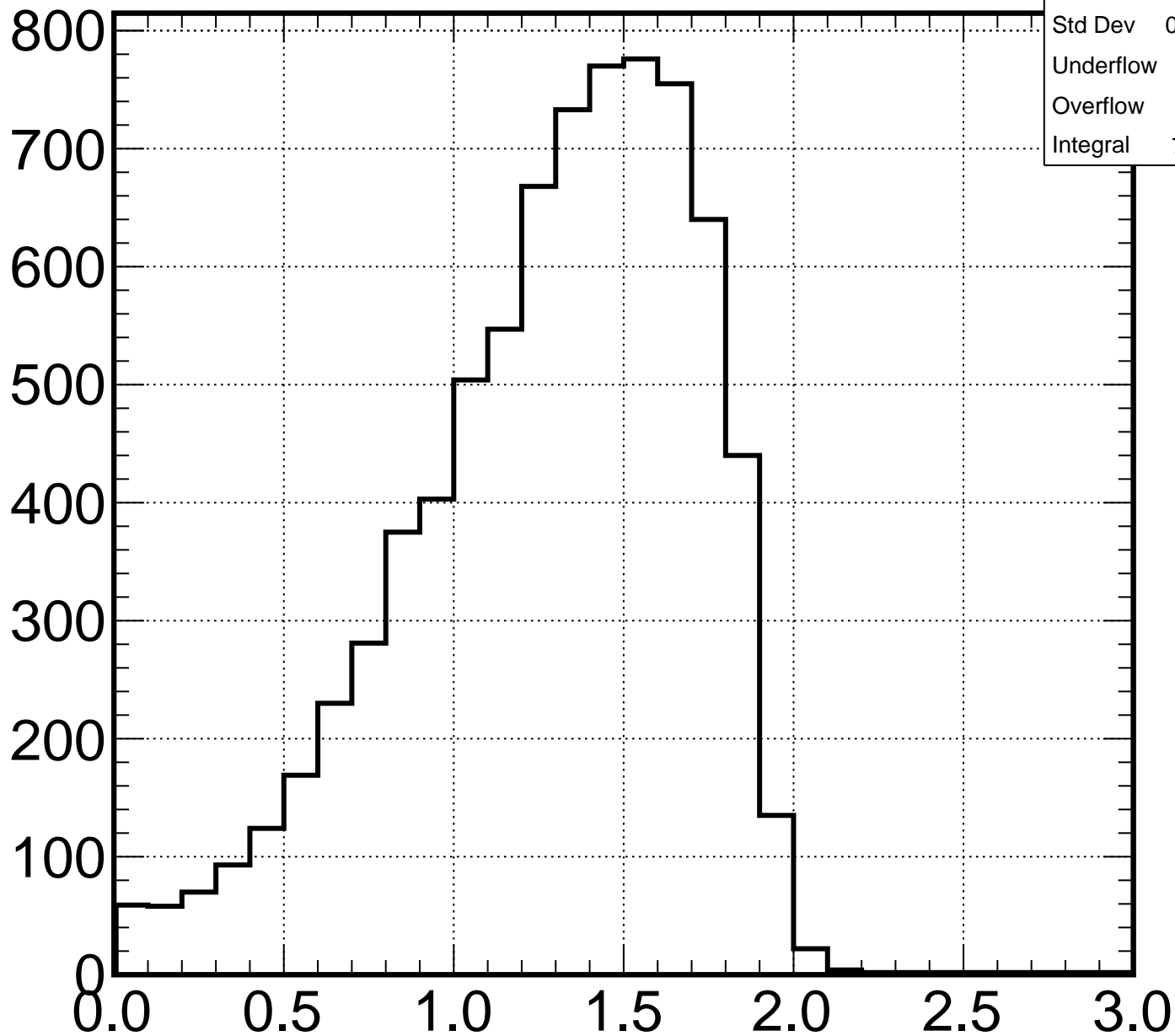
# h\_A0HMatchDeltaEta

h_A0HMatchDeltaEta	
Mean	0.8008
Std Dev	0.6177
Underflow	0
Overflow	71
Integral	7785



# h\_A0HMatchPtAs

h_A0HMatchPtAs	
Mean	1.283
Std Dev	0.416
Underflow	0
Overflow	0
Integral	7856



# h\_LeadPtAs

h_LeadPtAs	
Mean	0
Std Dev	0
Underflow	0
Overflow	0
Integral	0

1.0

0.8

0.6

0.4

0.2

0.0

0.0

0.5

1.0

1.5

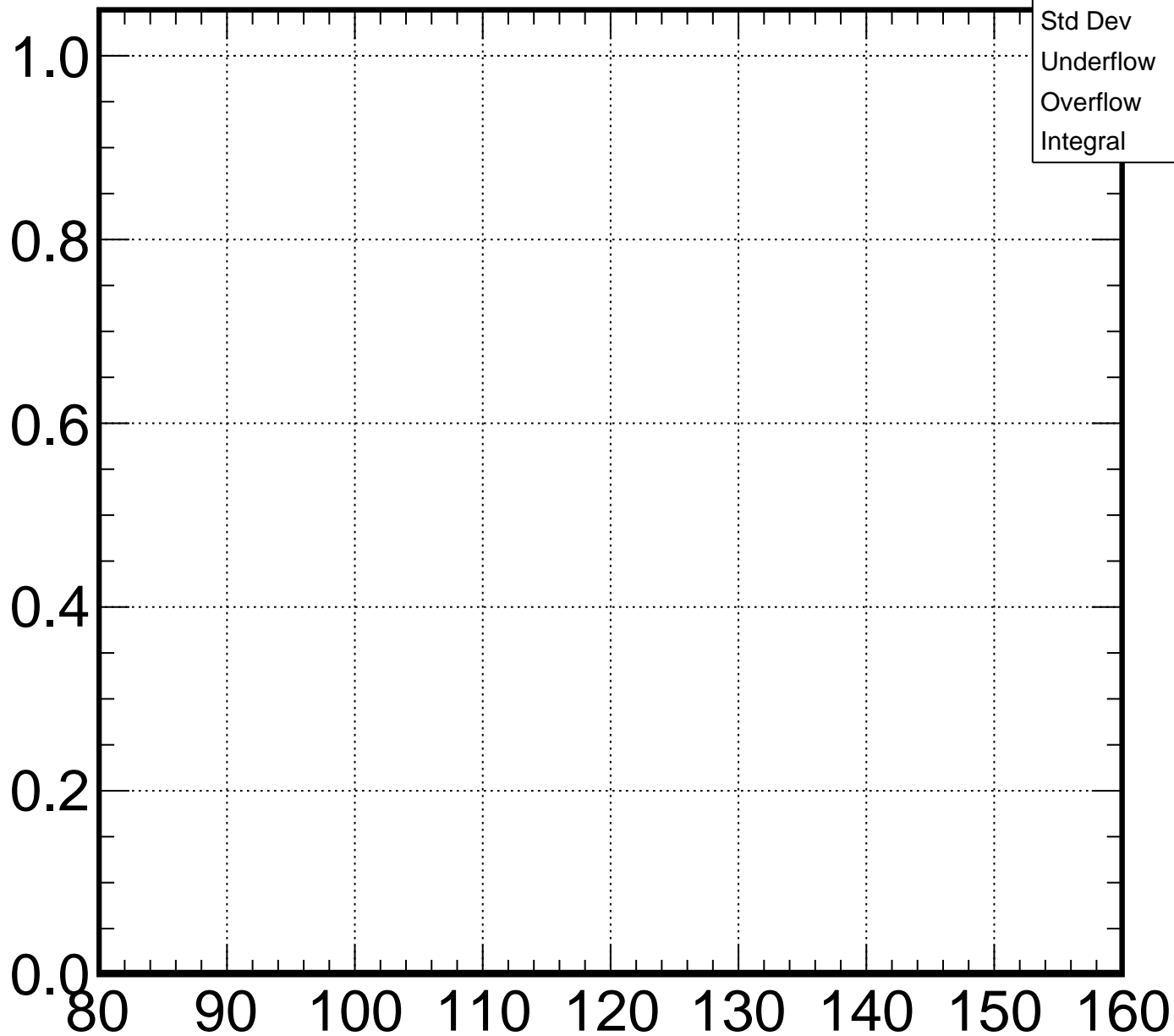
2.0

2.5

3.0

# h\_LeadHM

h_LeadHM	
Mean	0
Std Dev	0
Underflow	0
Overflow	0
Integral	0



# h\_LeadA0M

h_LeadA0M	
Mean	0
Std Dev	0
Underflow	0
Overflow	0
Integral	0

1.0

0.8

0.6

0.4

0.2

0.0

200 220 240 260 280 300 320 340 360 380 400