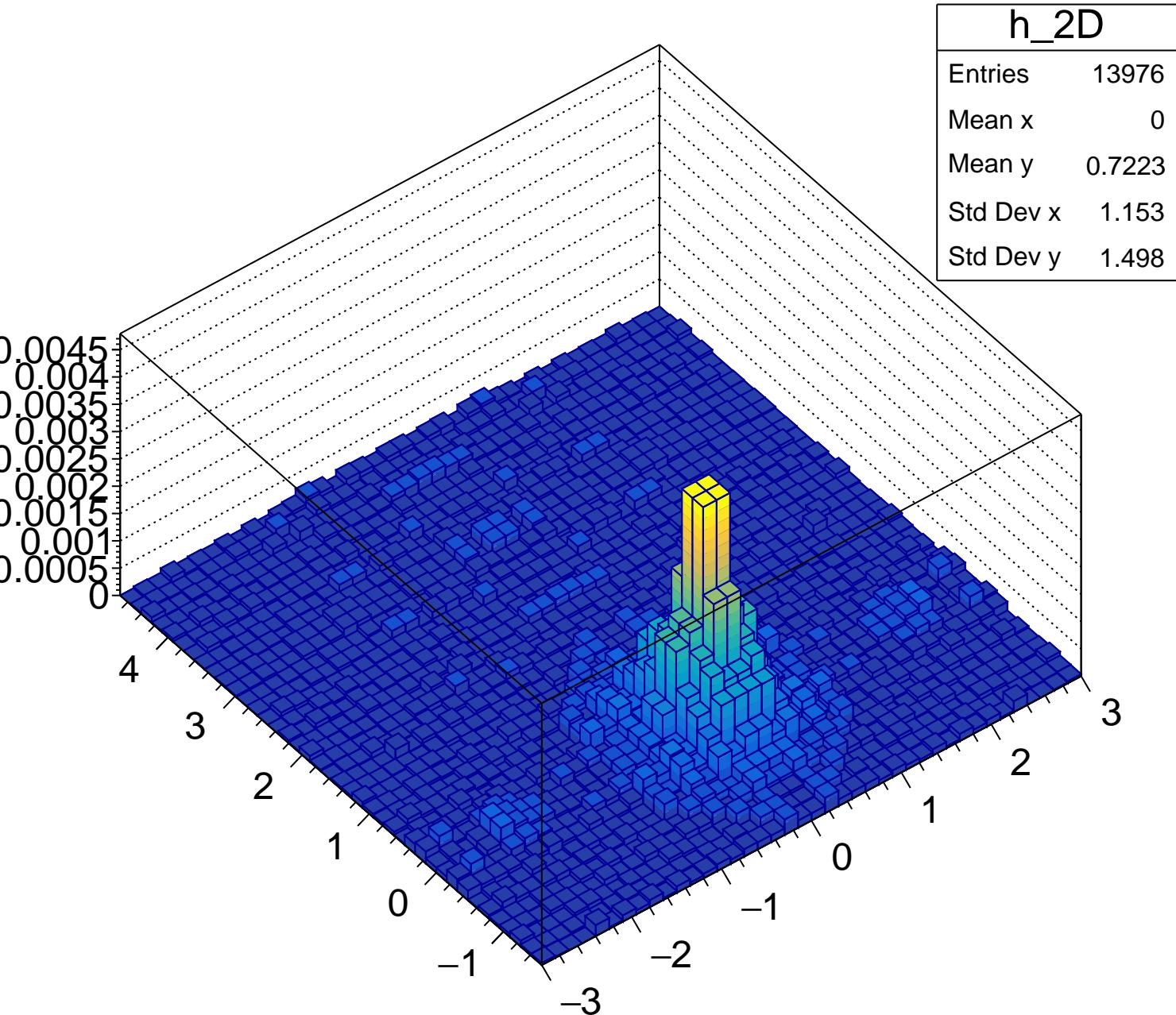
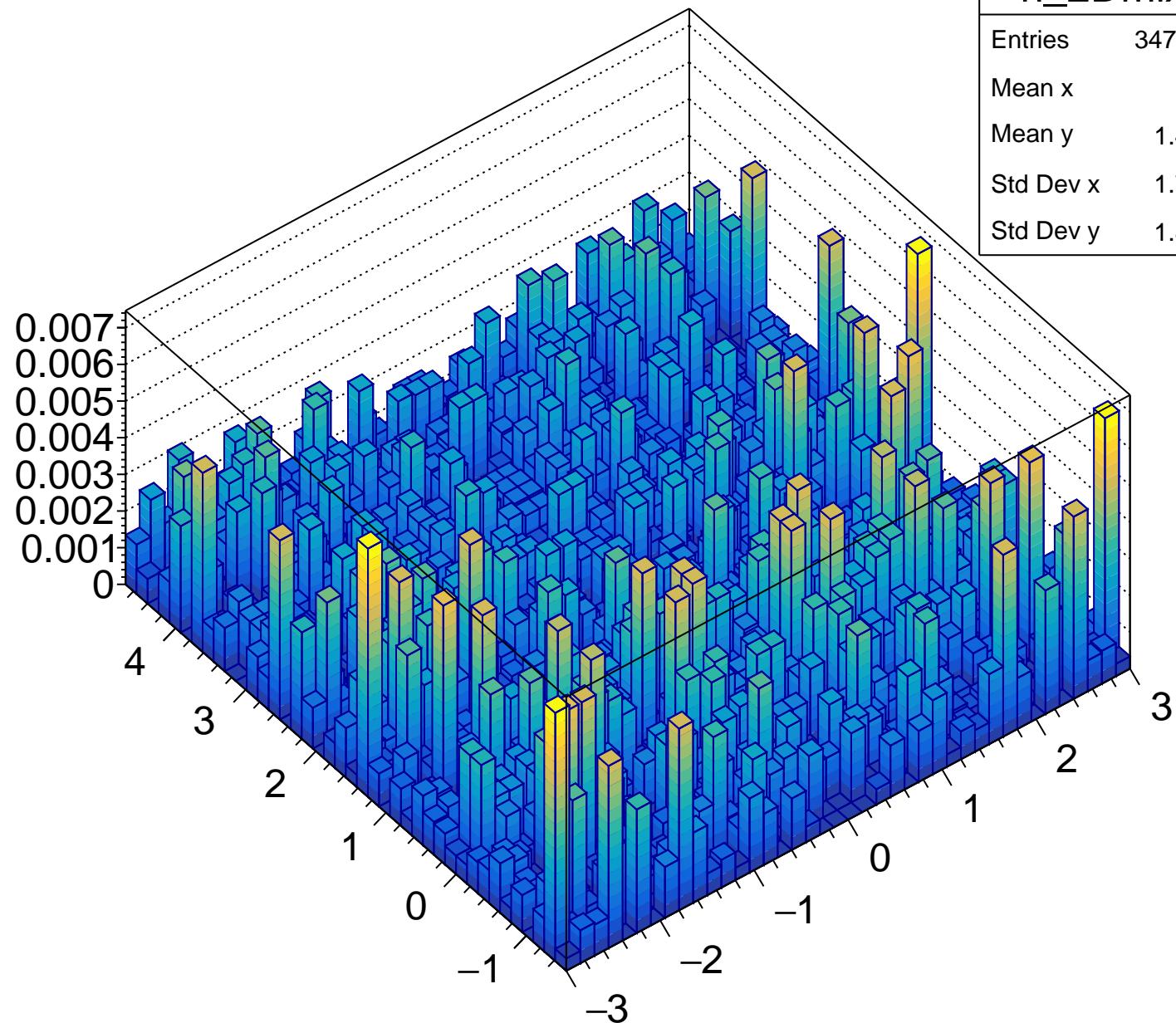


S correlation between 0 and 10



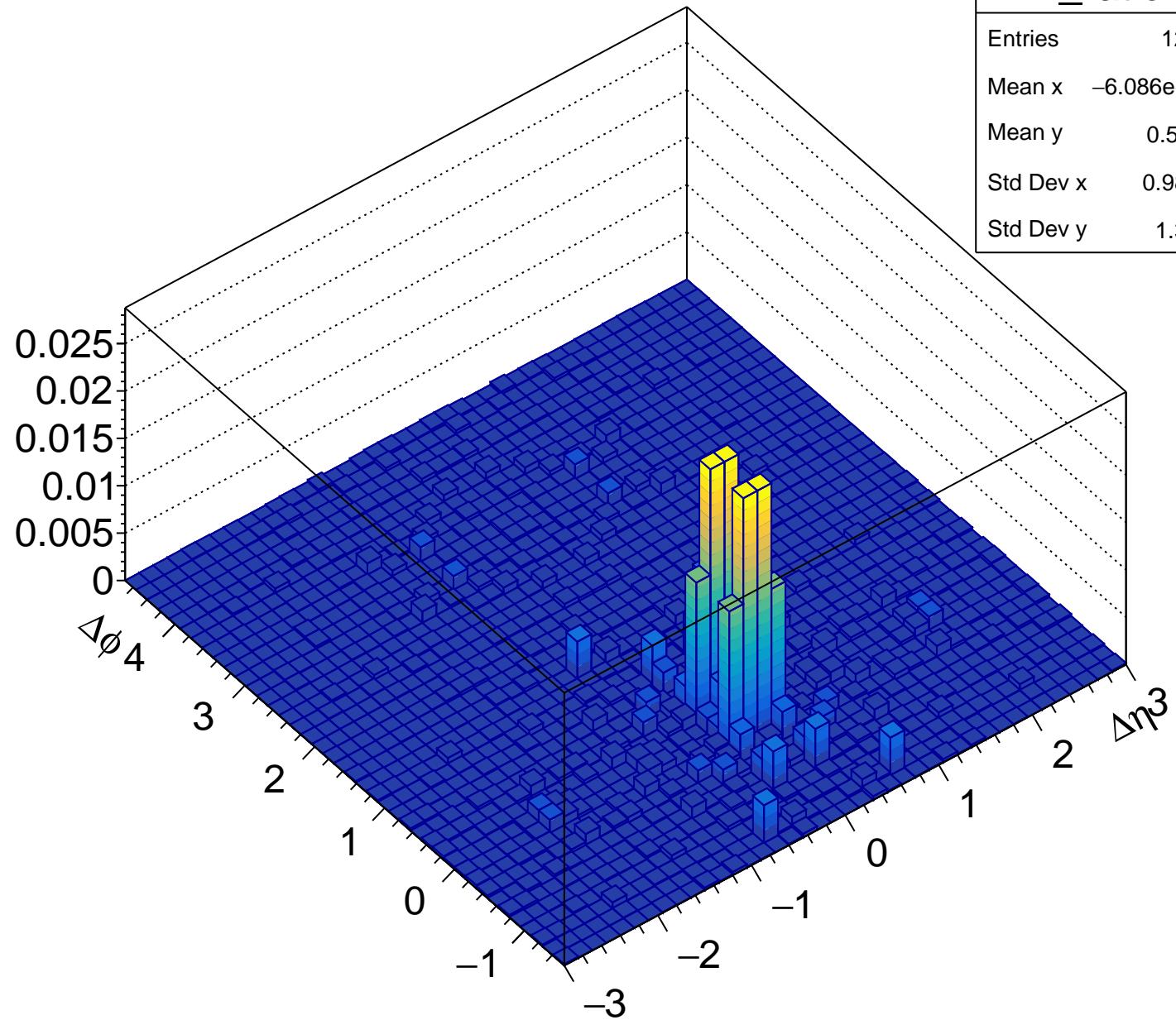
B correlation between 0 and 10

h_2Dmix	
Entries	347200
Mean x	0
Mean y	1.424
Std Dev x	1.753
Std Dev y	1.808



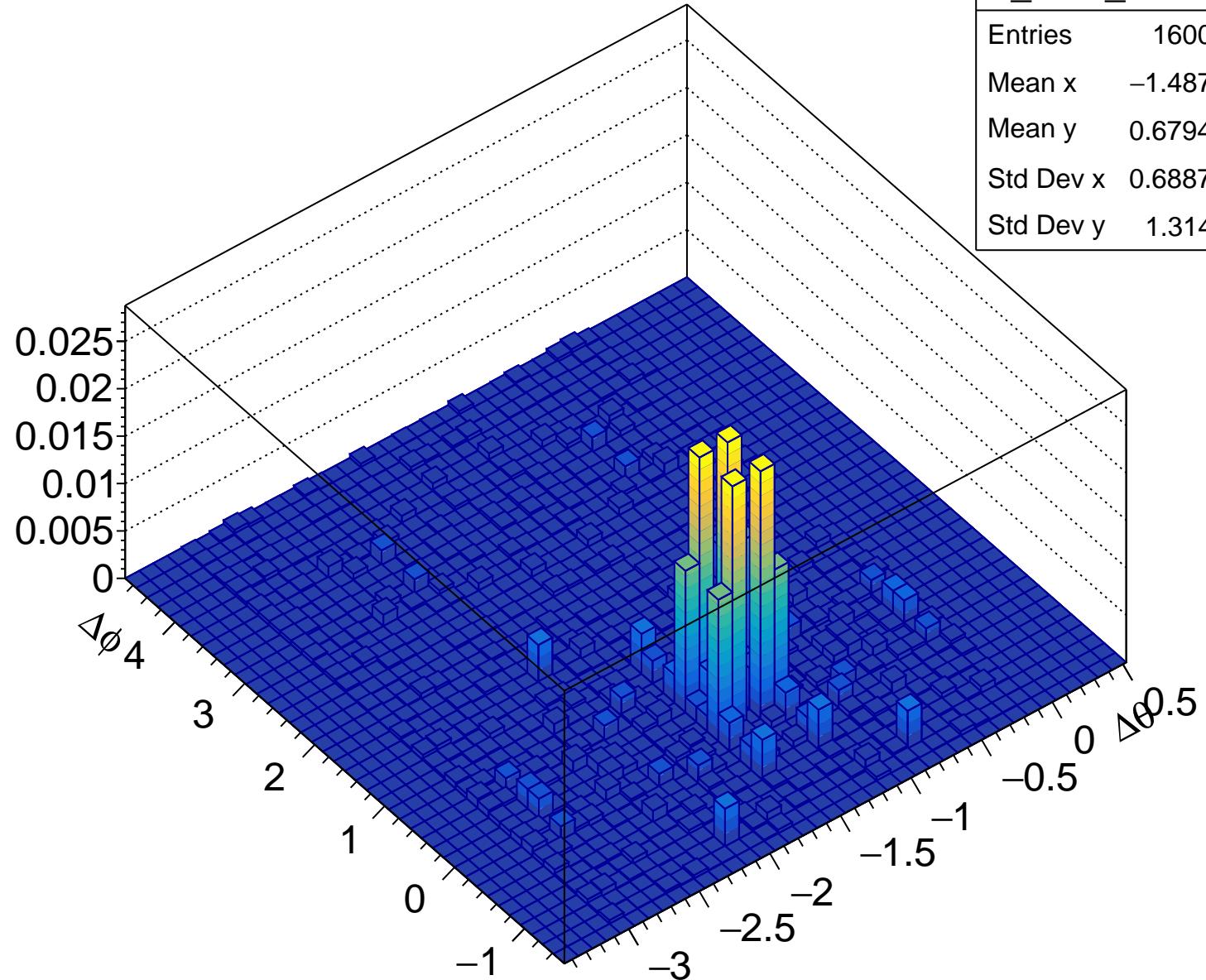
Ratio of correlations between 0 and 10

h_ratio	
Entries	1200
Mean x	-6.086e-17
Mean y	0.5311
Std Dev x	0.9849
Std Dev y	1.339

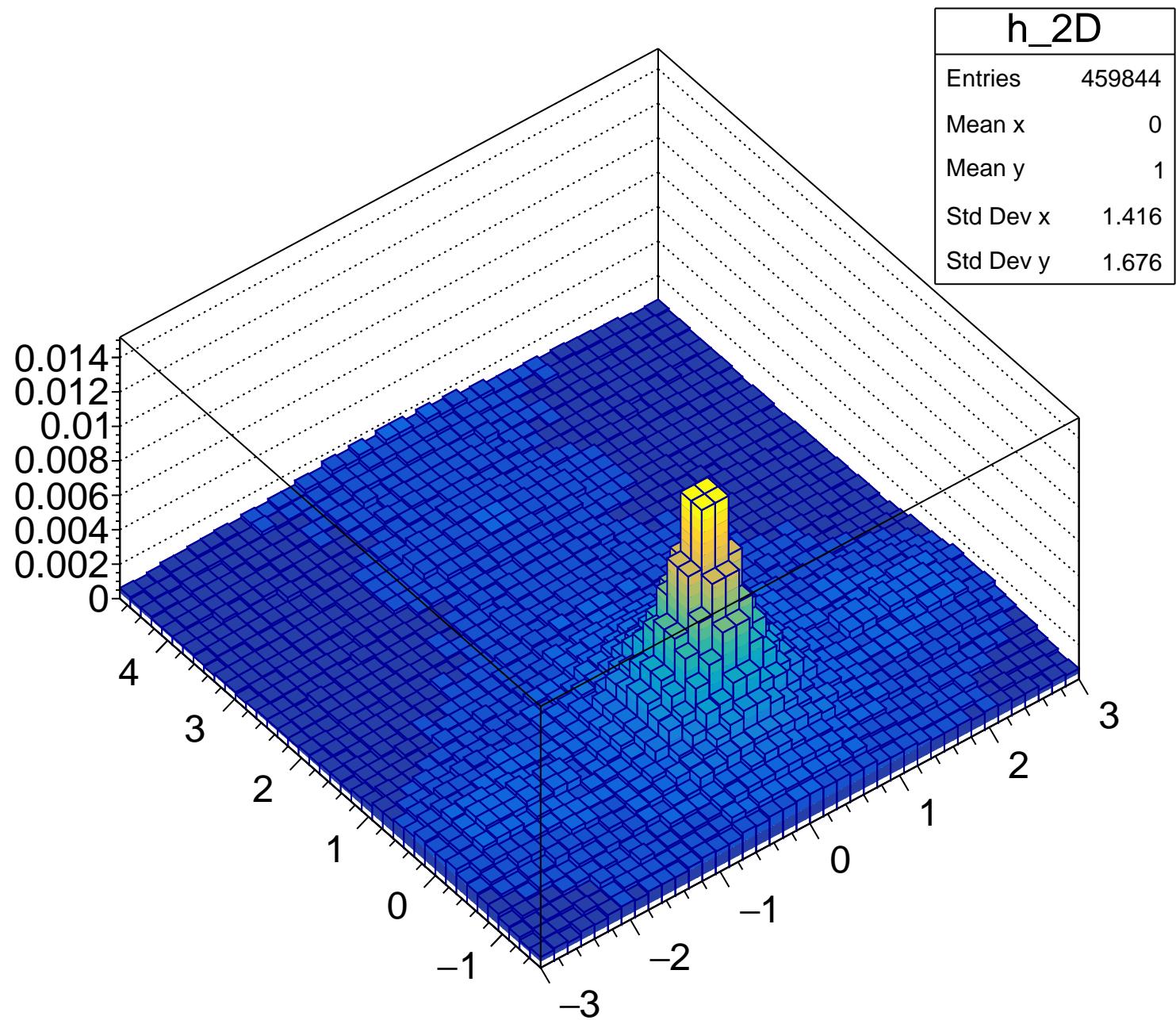


Ratio of correlations (in θ) between 0 and 10

h_ratio_theta	
Entries	1600
Mean x	-1.487
Mean y	0.6794
Std Dev x	0.6887
Std Dev y	1.314

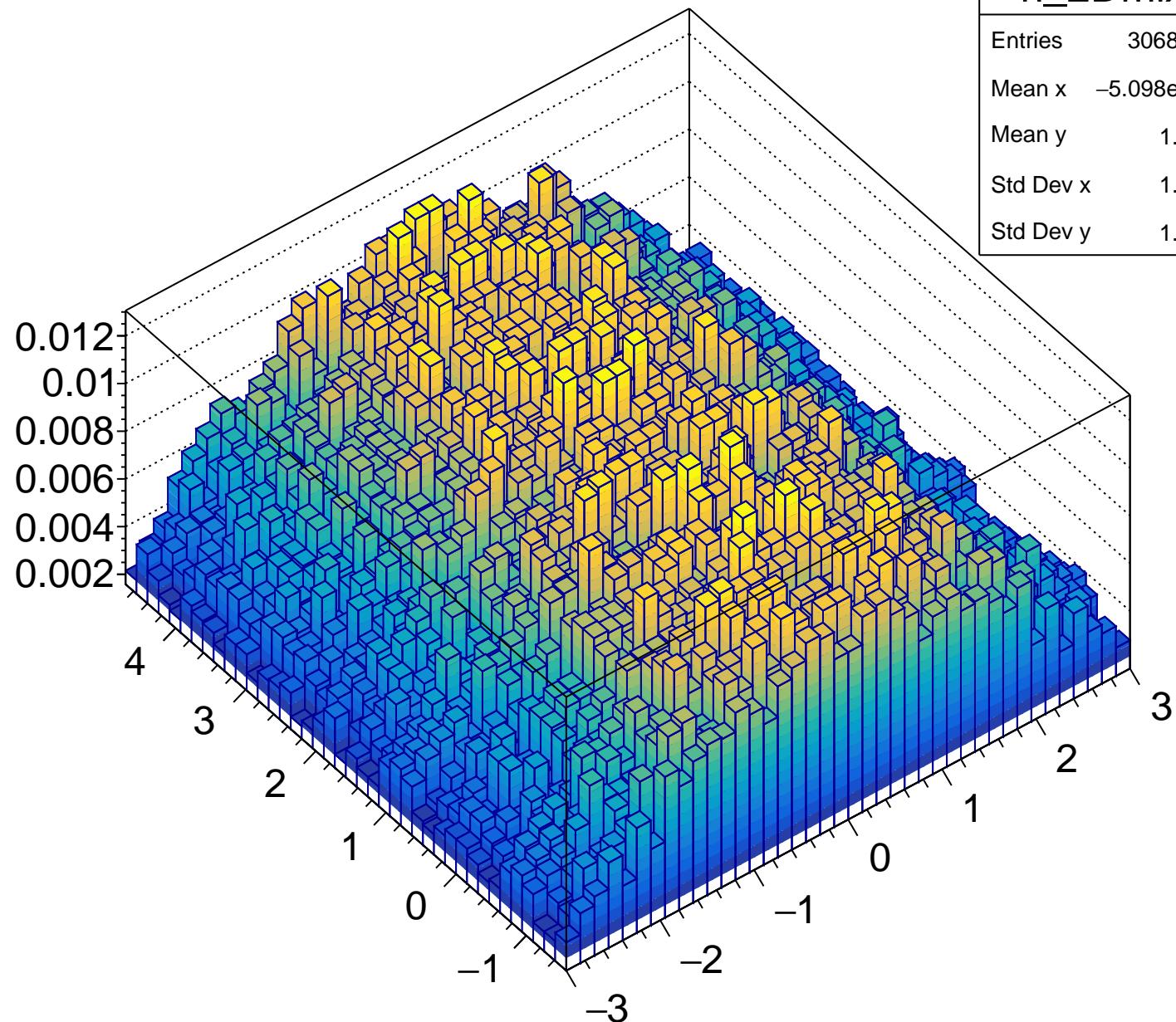


S correlation between 10 and 20

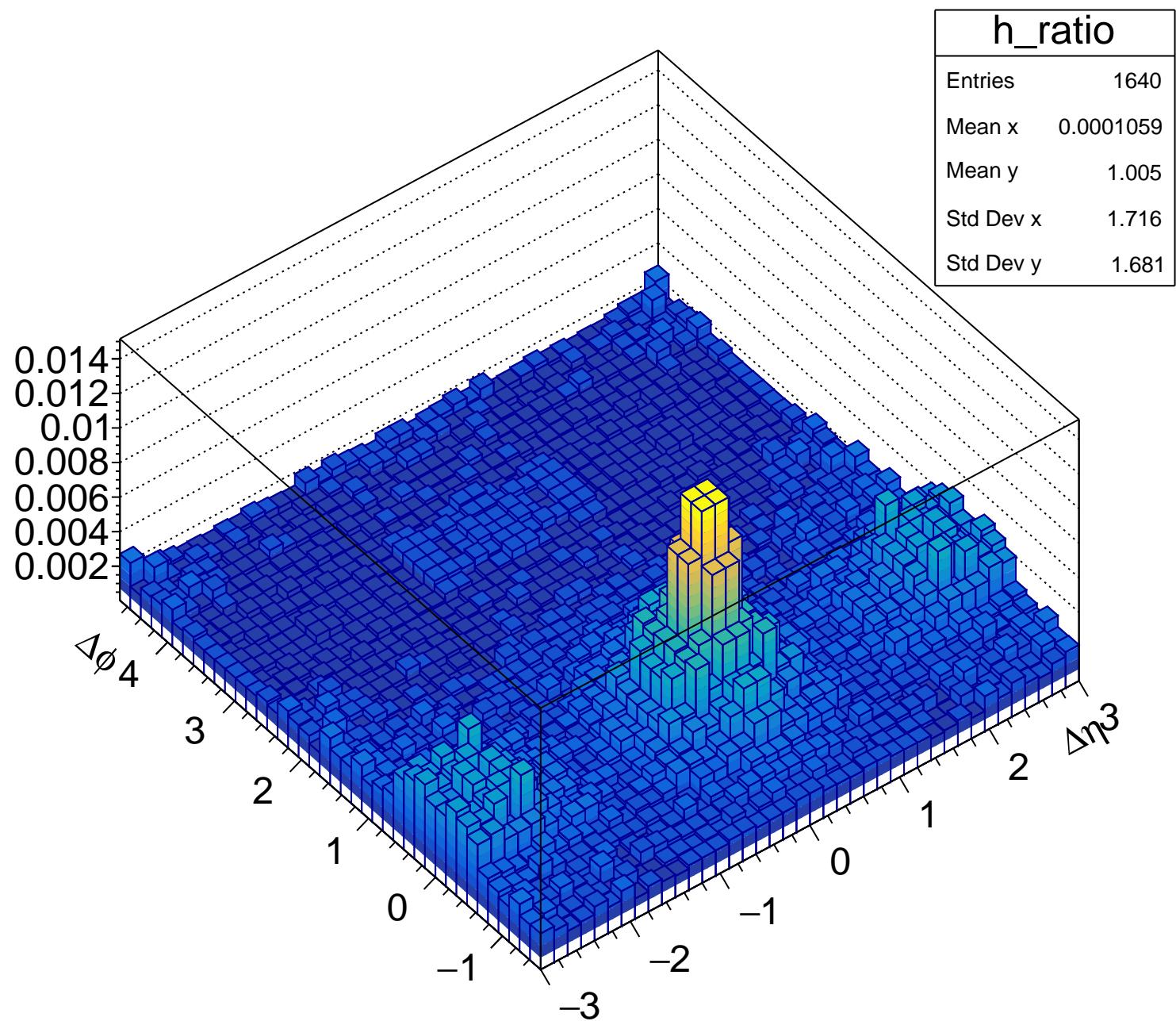


B correlation between 10 and 20

h_2Dmix	
Entries	3068364
Mean x	-5.098e-05
Mean y	1.579
Std Dev x	1.477
Std Dev y	1.813

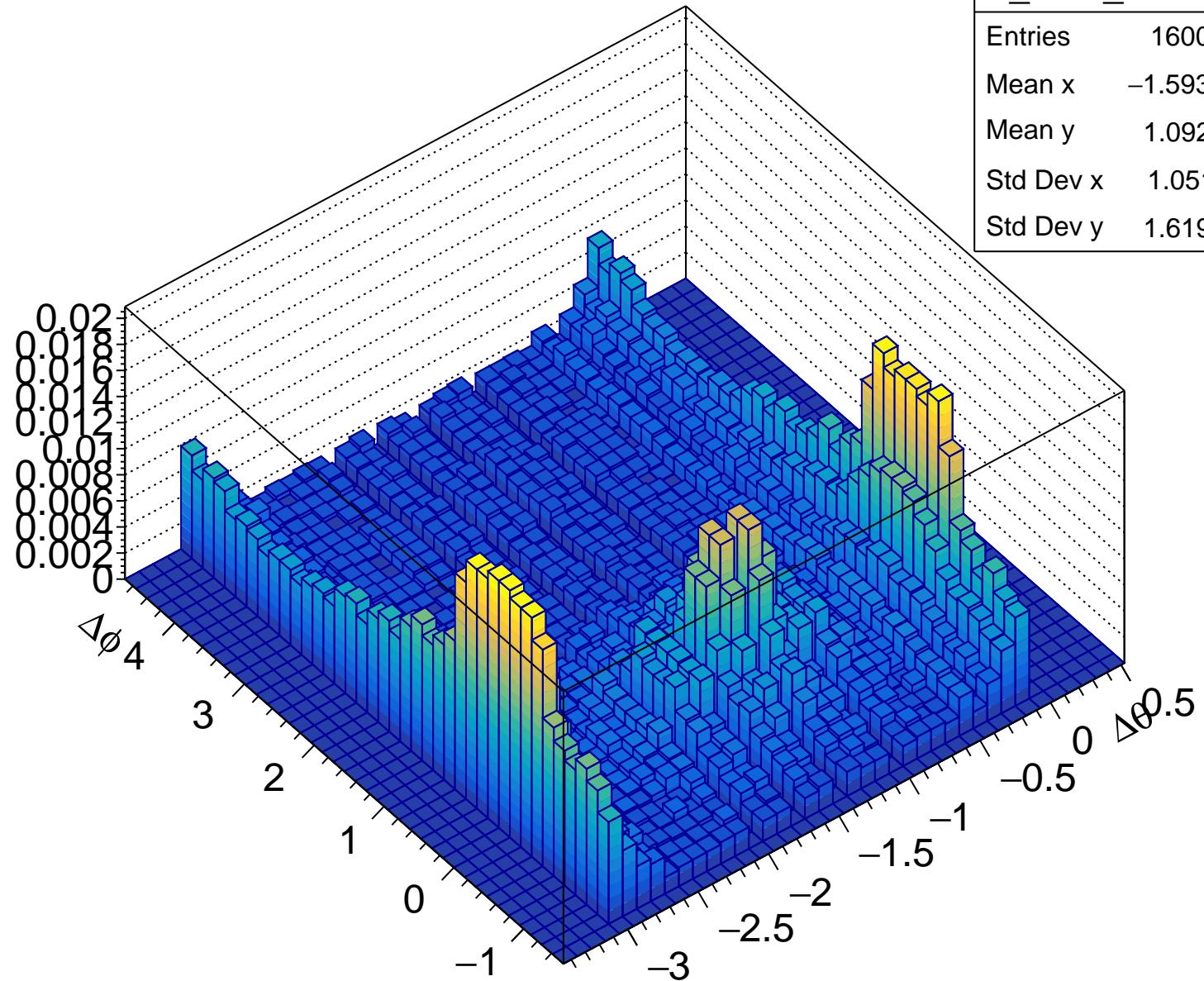


Ratio of correlations between 10 and 20

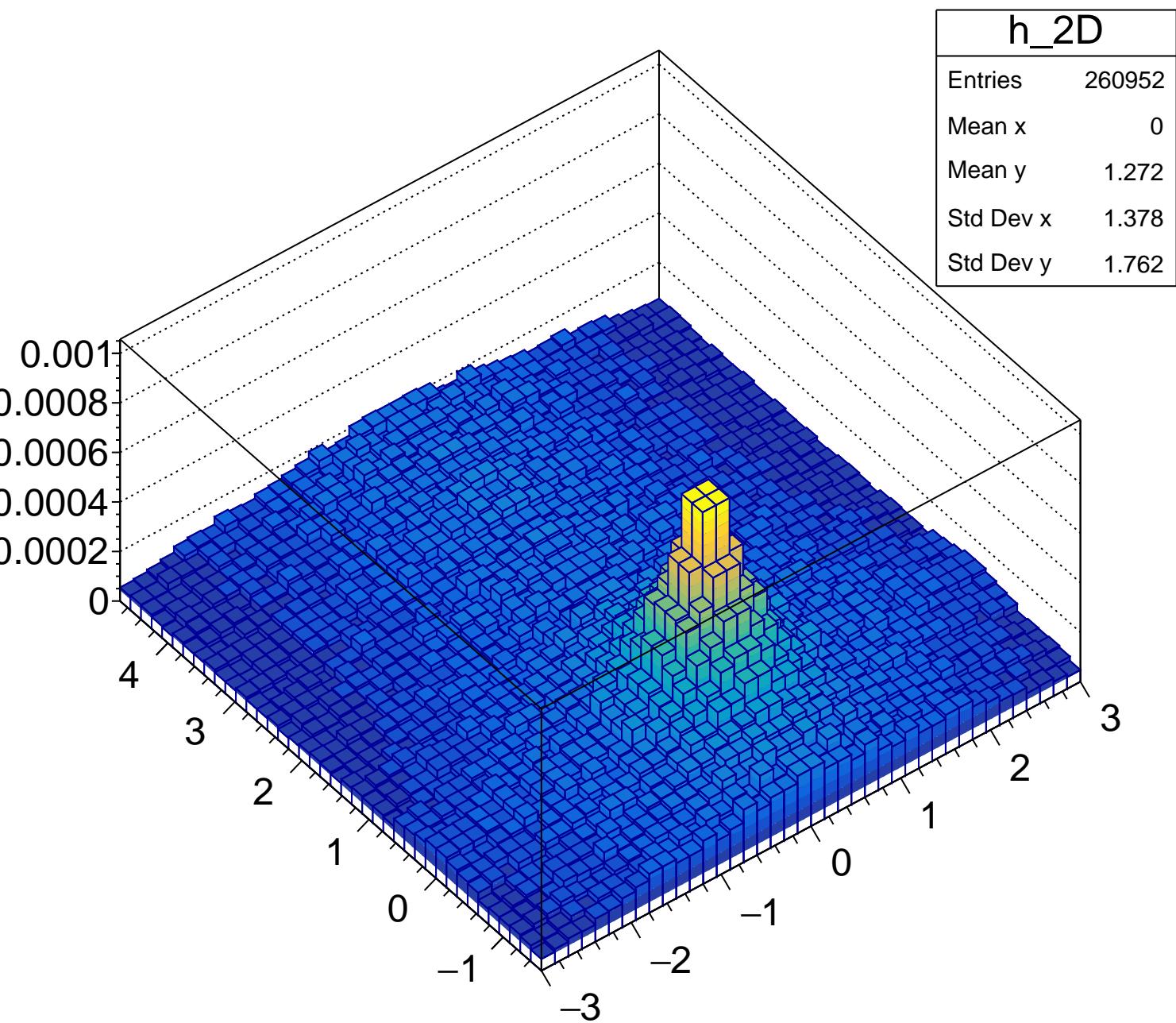


Ratio of correlations (in θ) between 10 and 20

h_ratio_theta	
Entries	1600
Mean x	-1.593
Mean y	1.092
Std Dev x	1.051
Std Dev y	1.619

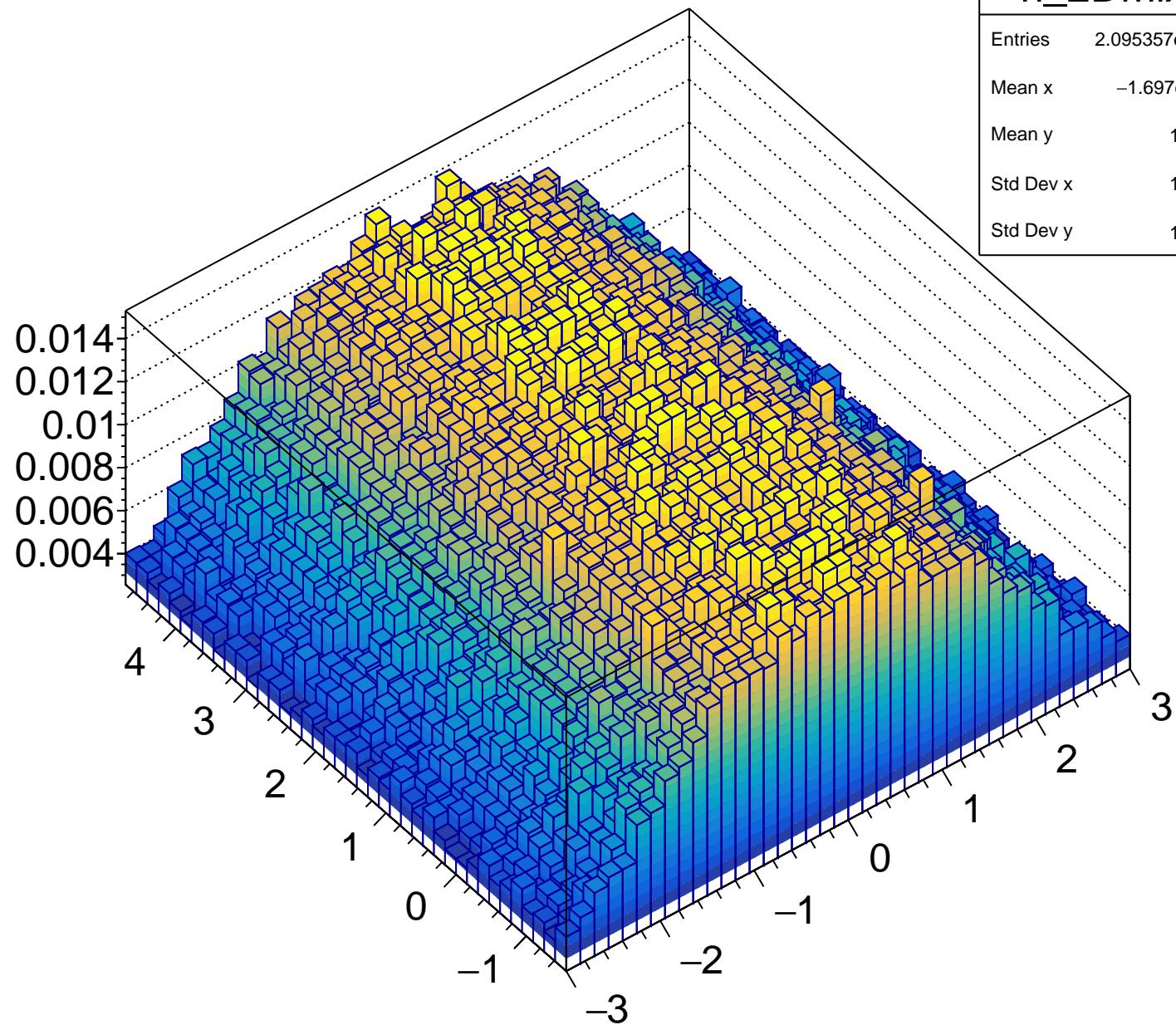


S correlation between 20 and 30

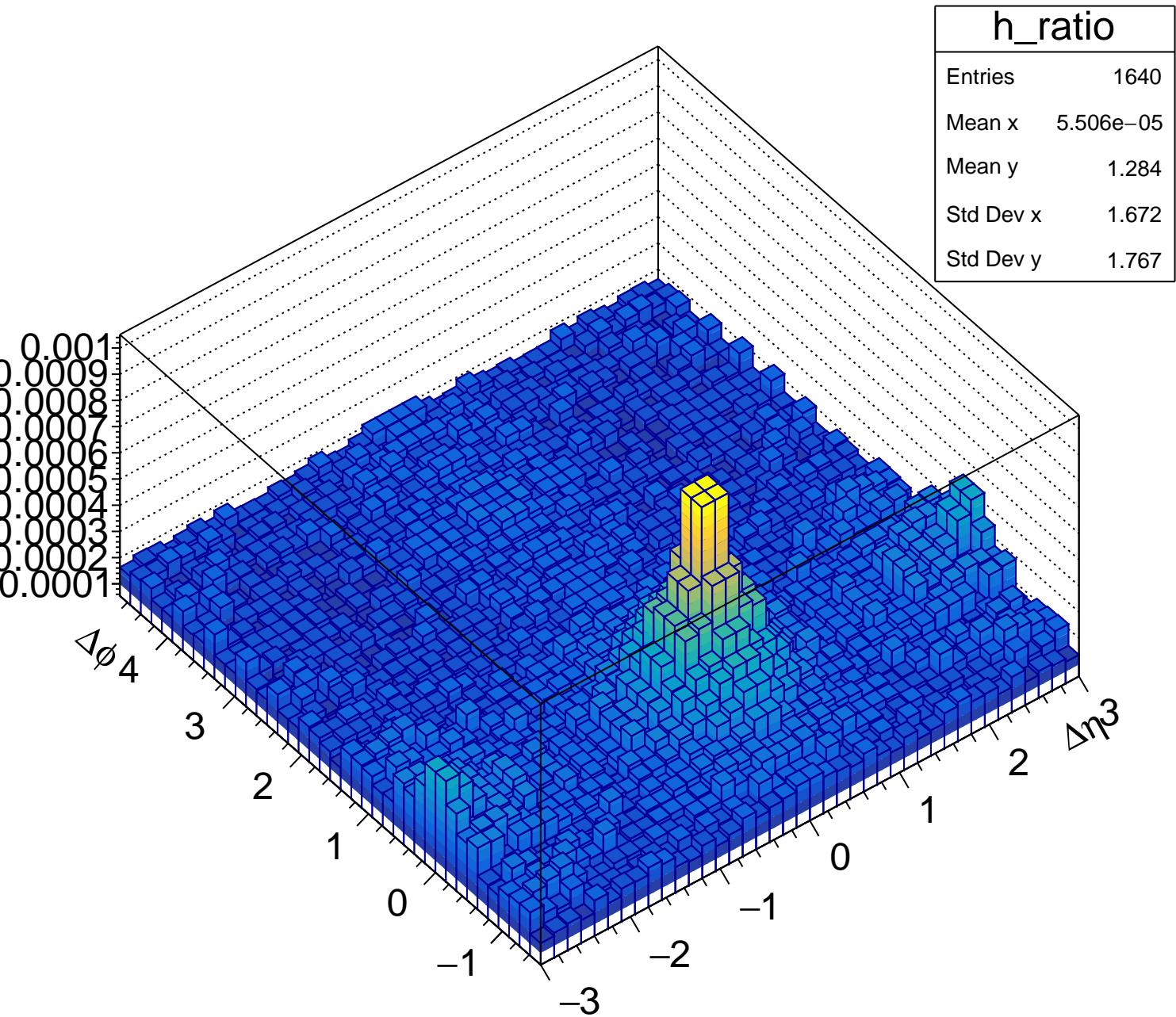


B correlation between 20 and 30

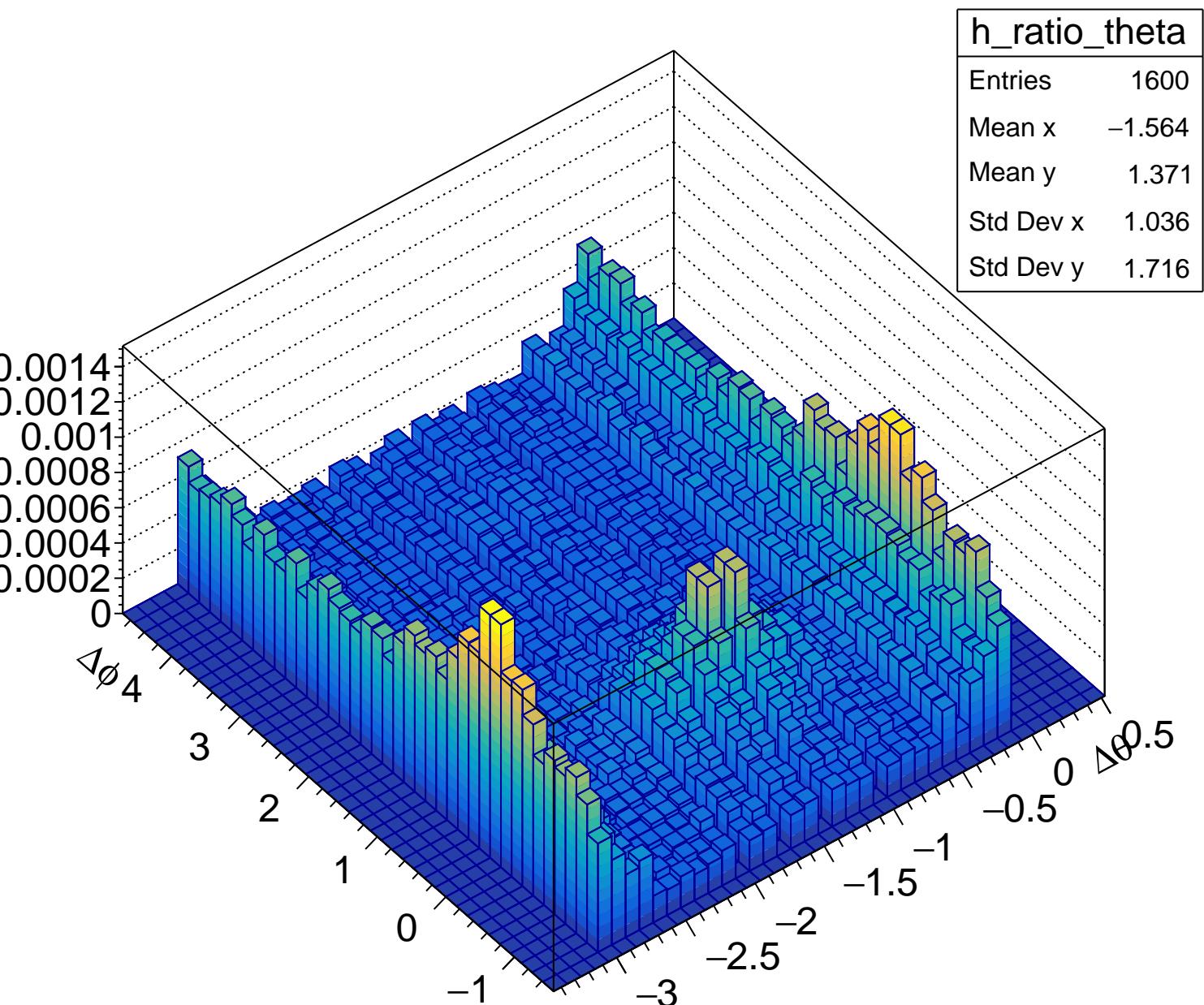
h_2Dmix	
Entries	2.095357e+07
Mean x	-1.697e-05
Mean y	1.568
Std Dev x	1.459
Std Dev y	1.813



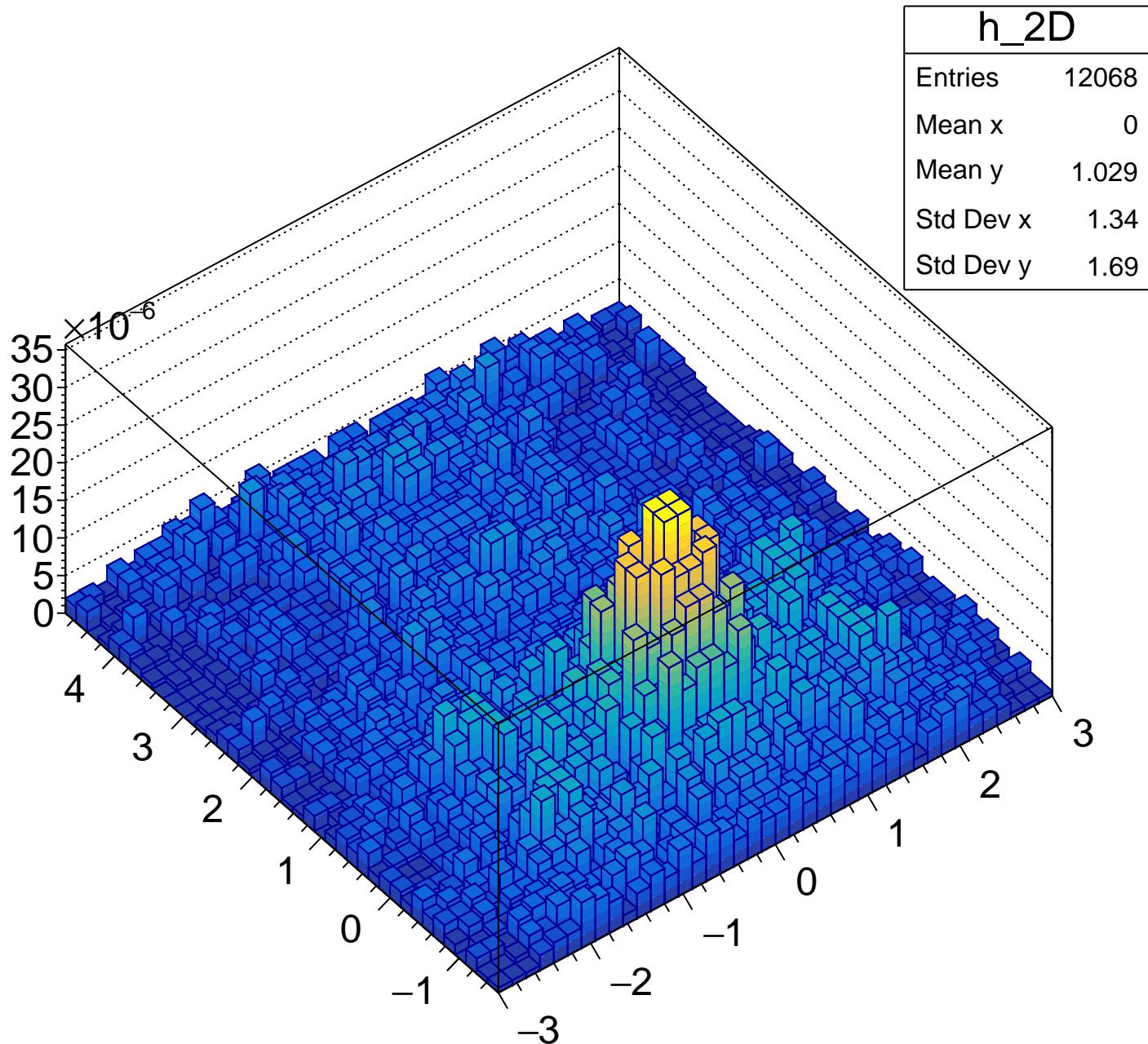
Ratio of correlations between 20 and 30



Ratio of correlations (in θ) between 20 and 30

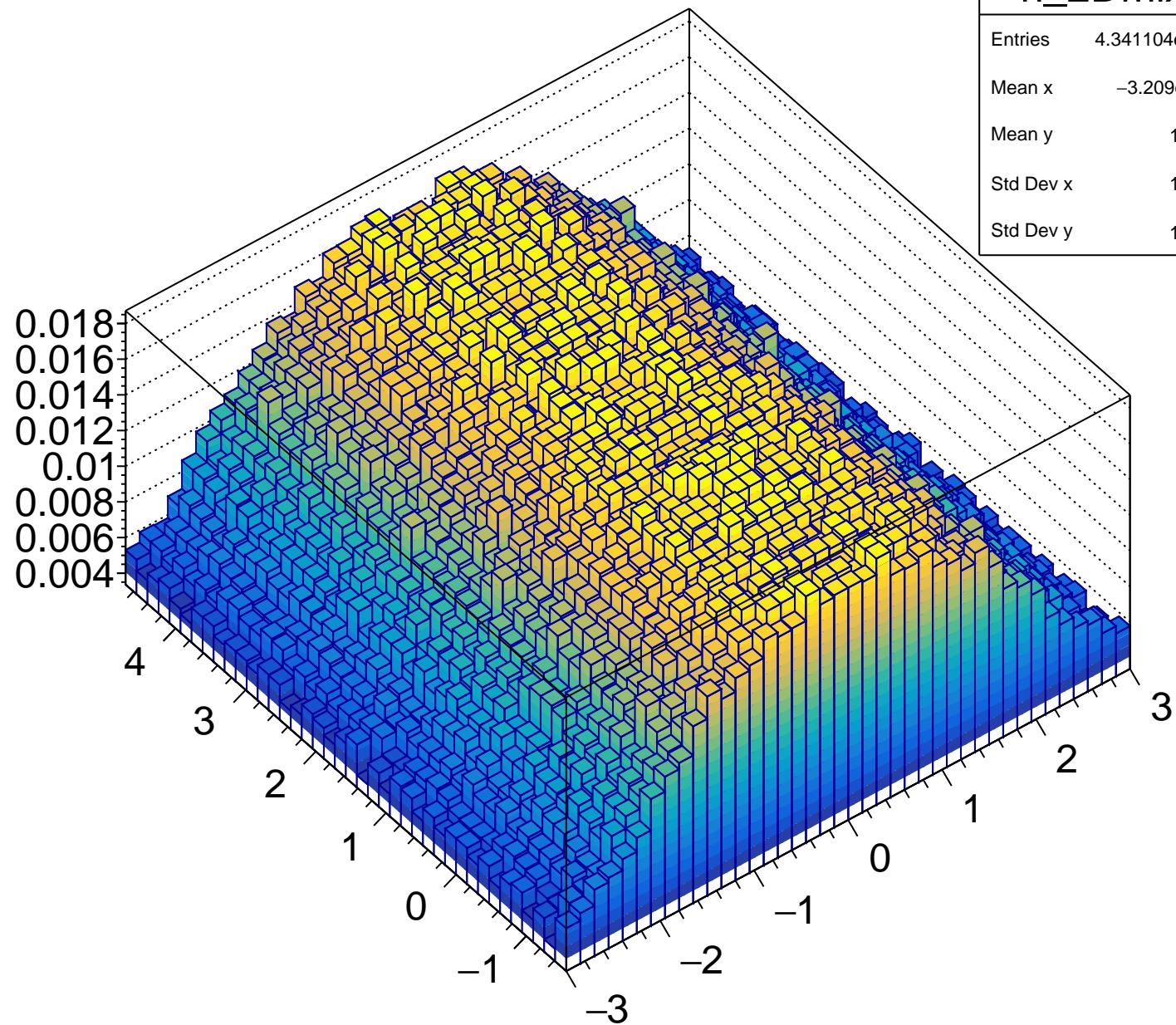


S correlation between 30 and 40

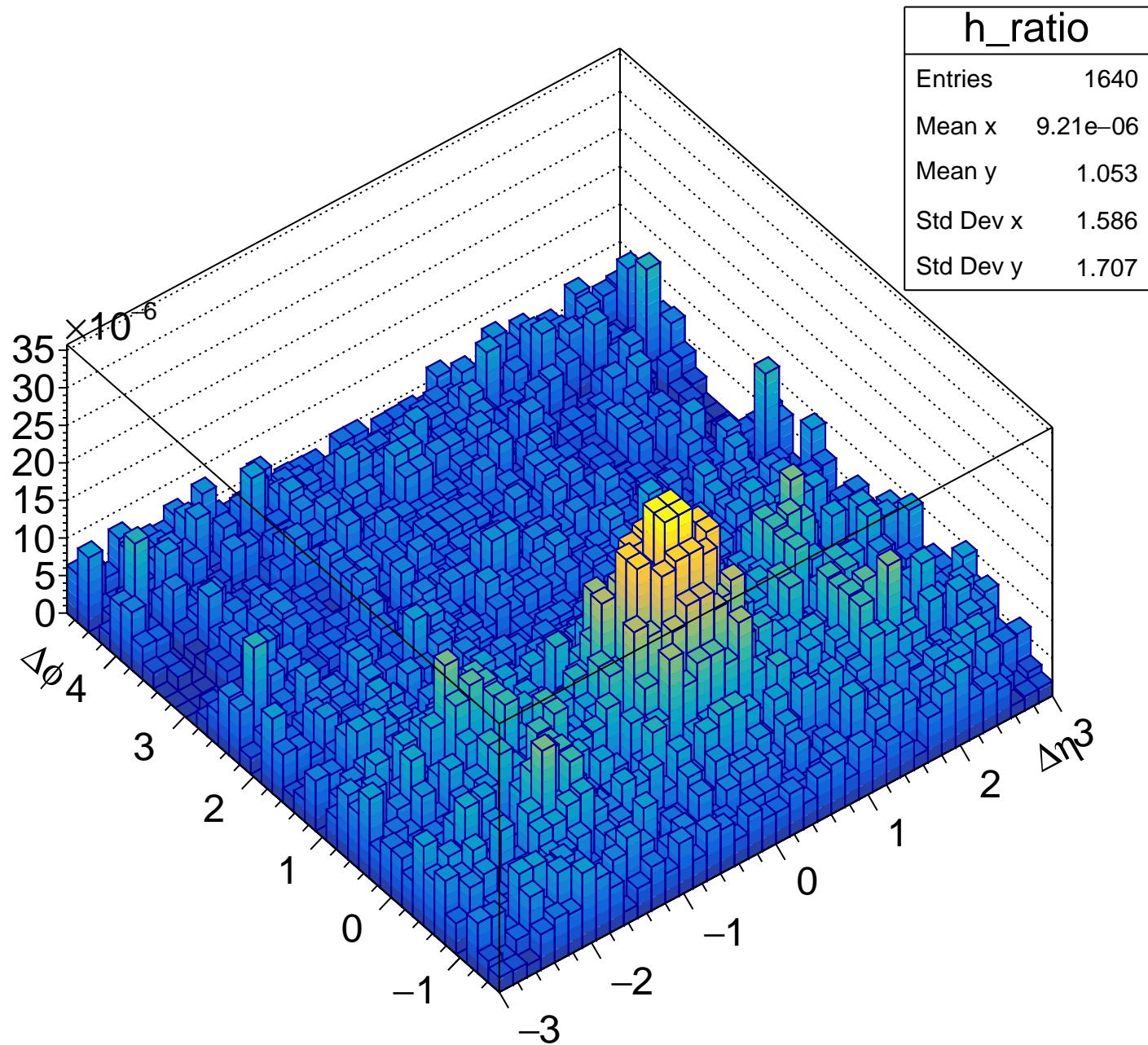


B correlation between 30 and 40

h_2Dmix	
Entries	4.341104e+07
Mean x	-3.209e-06
Mean y	1.568
Std Dev x	1.468
Std Dev y	1.813



Ratio of correlations between 30 and 40



Ratio of correlations (in θ) between 30 and 40

