FFT of displacement_x ((100000.0, 100000.0))
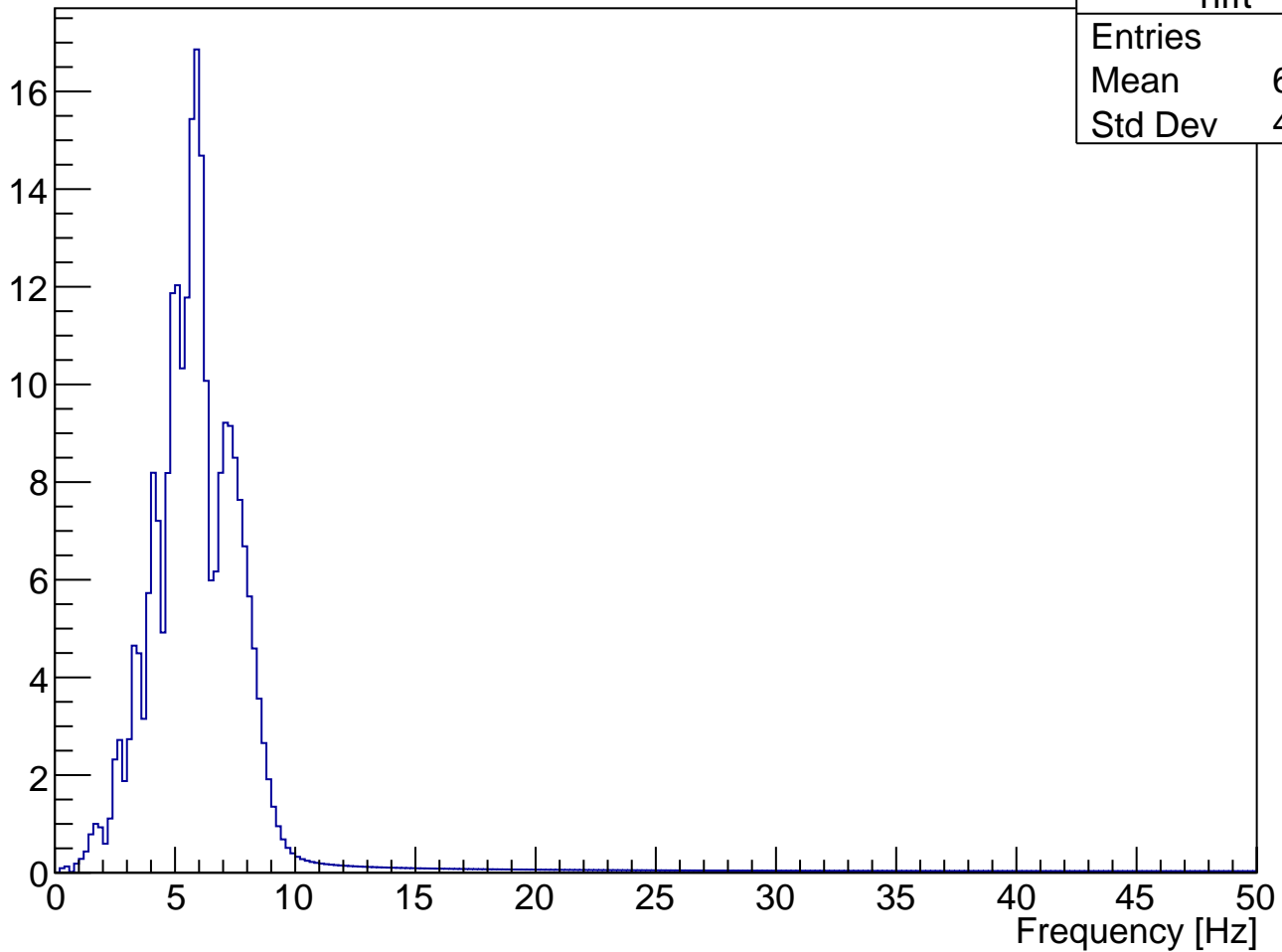
hfft	
Entries	250
Mean	6.625
Std Dev	4.826