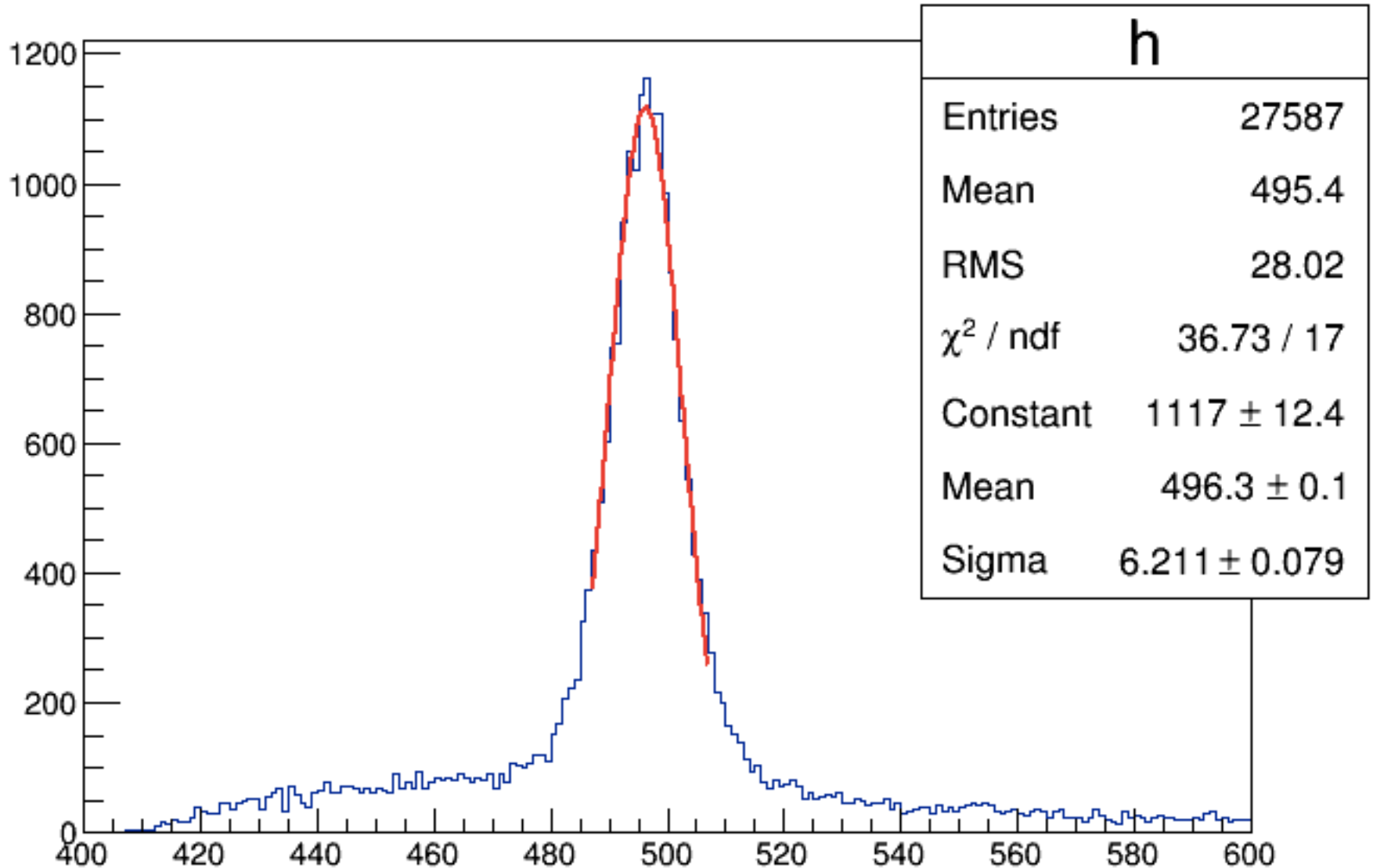
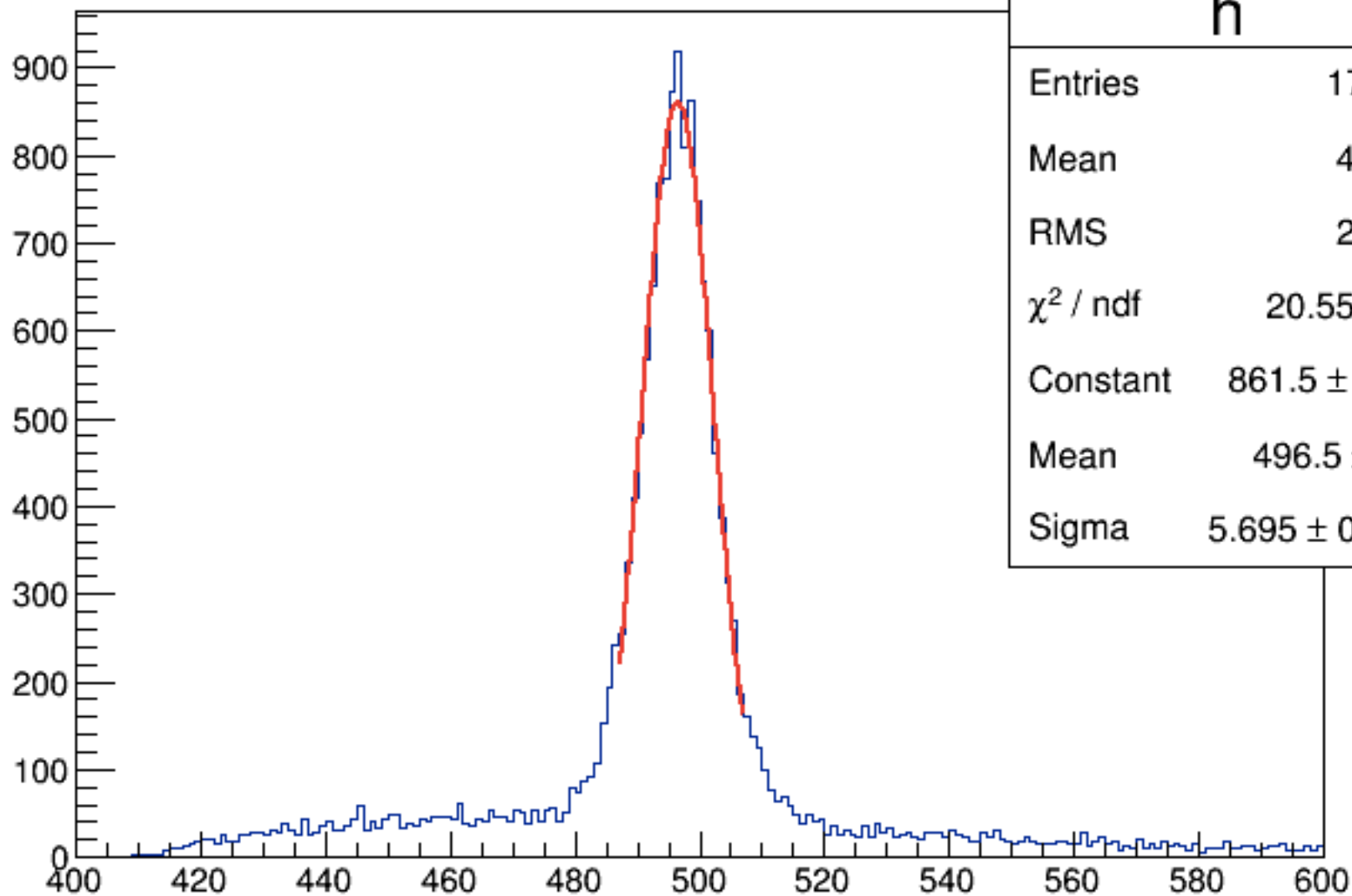


# Fitting histograms

# 487~507, 3MeV interval

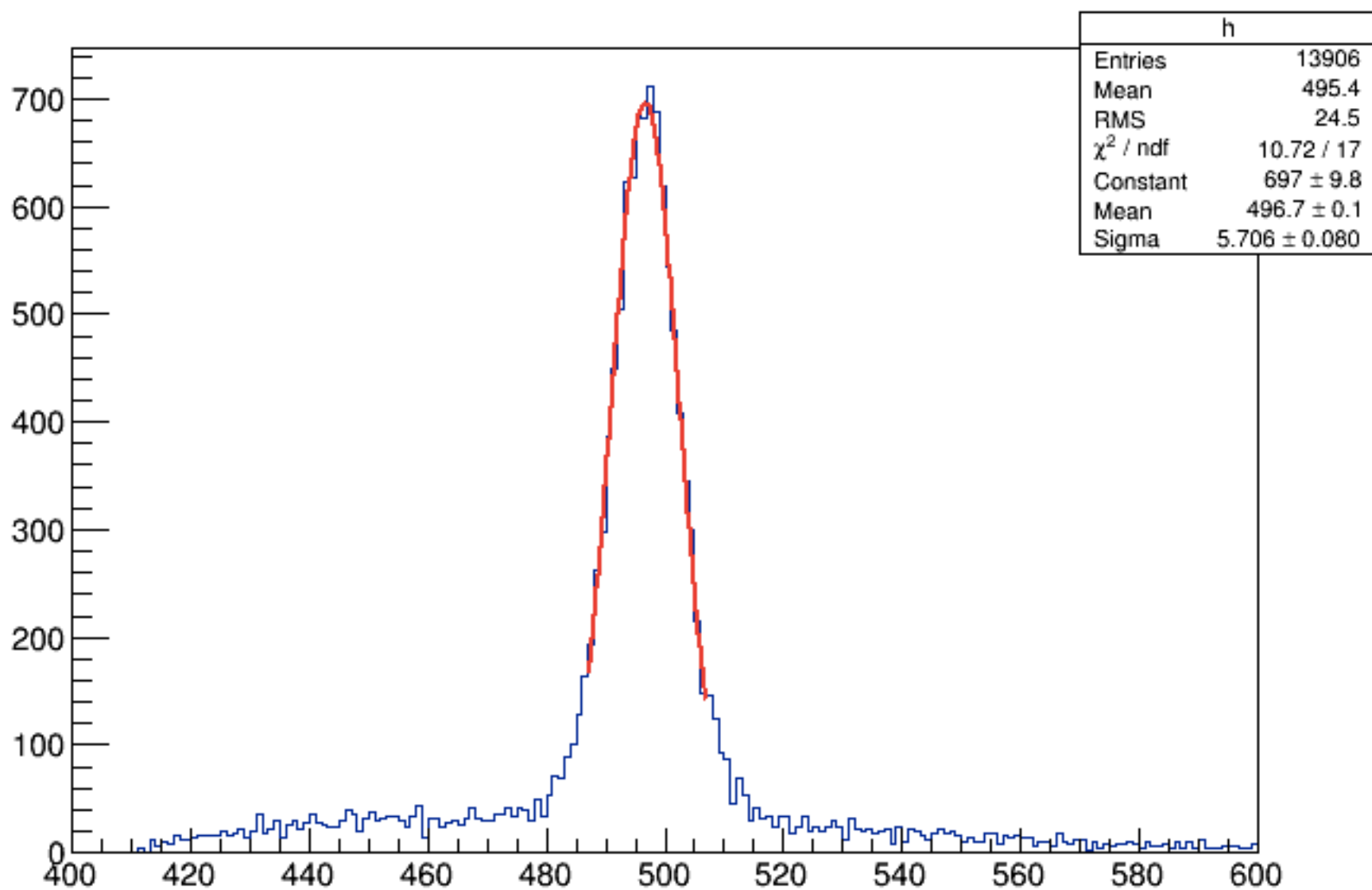


KLmass [KLmass>0&&MassTag>0&&CutBf==0&&CVveto==0&&NDCVeto==0&&CC03veto==0 && CBAREDEF>5 && CBAREDEF<8]

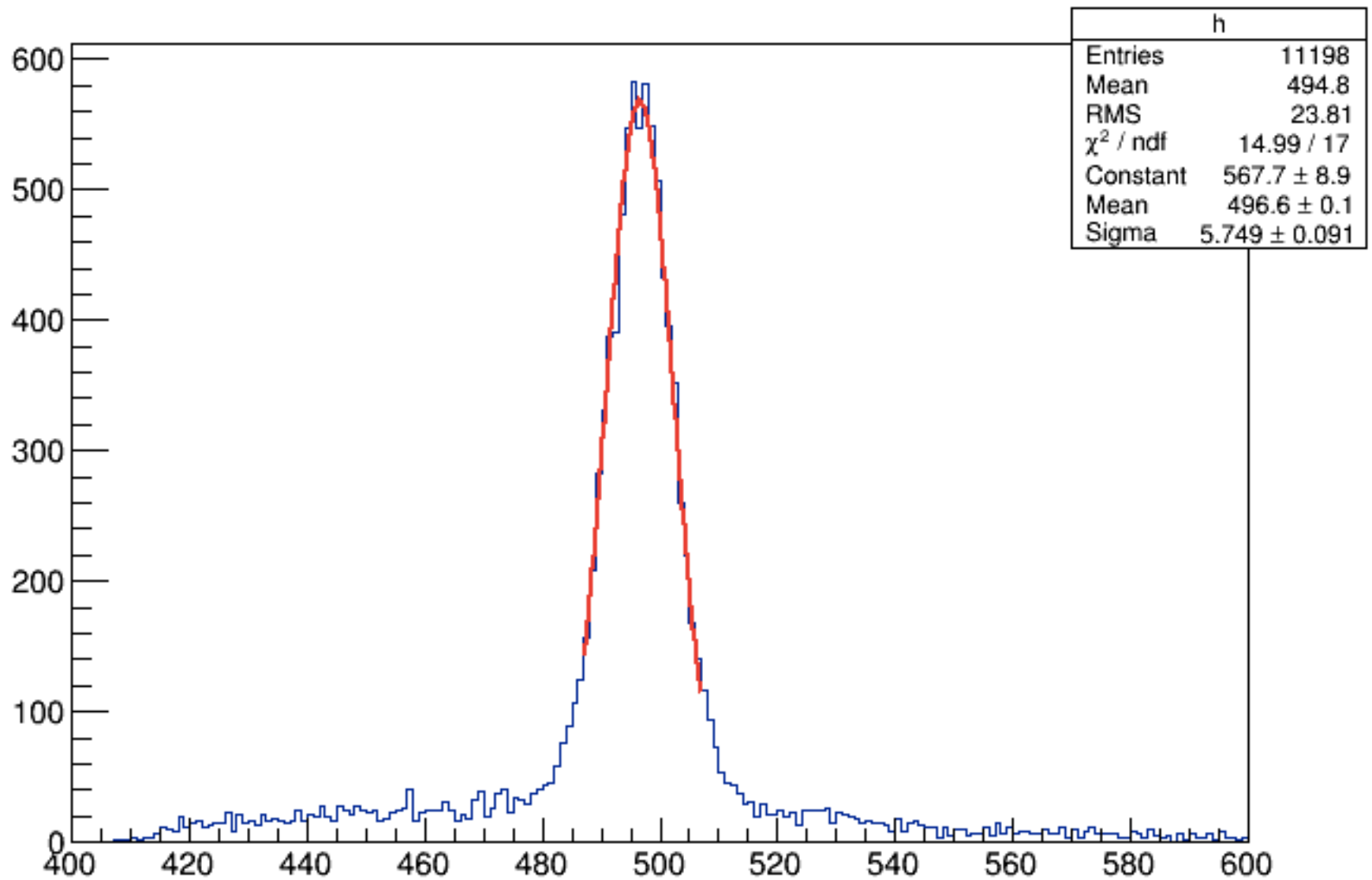


h	
Entries	17924
Mean	495.5
RMS	25.65
$\chi^2 / \text{ndf}$	20.55 / 17
Constant	$861.5 \pm 11.0$
Mean	$496.5 \pm 0.1$
Sigma	$5.695 \pm 0.073$

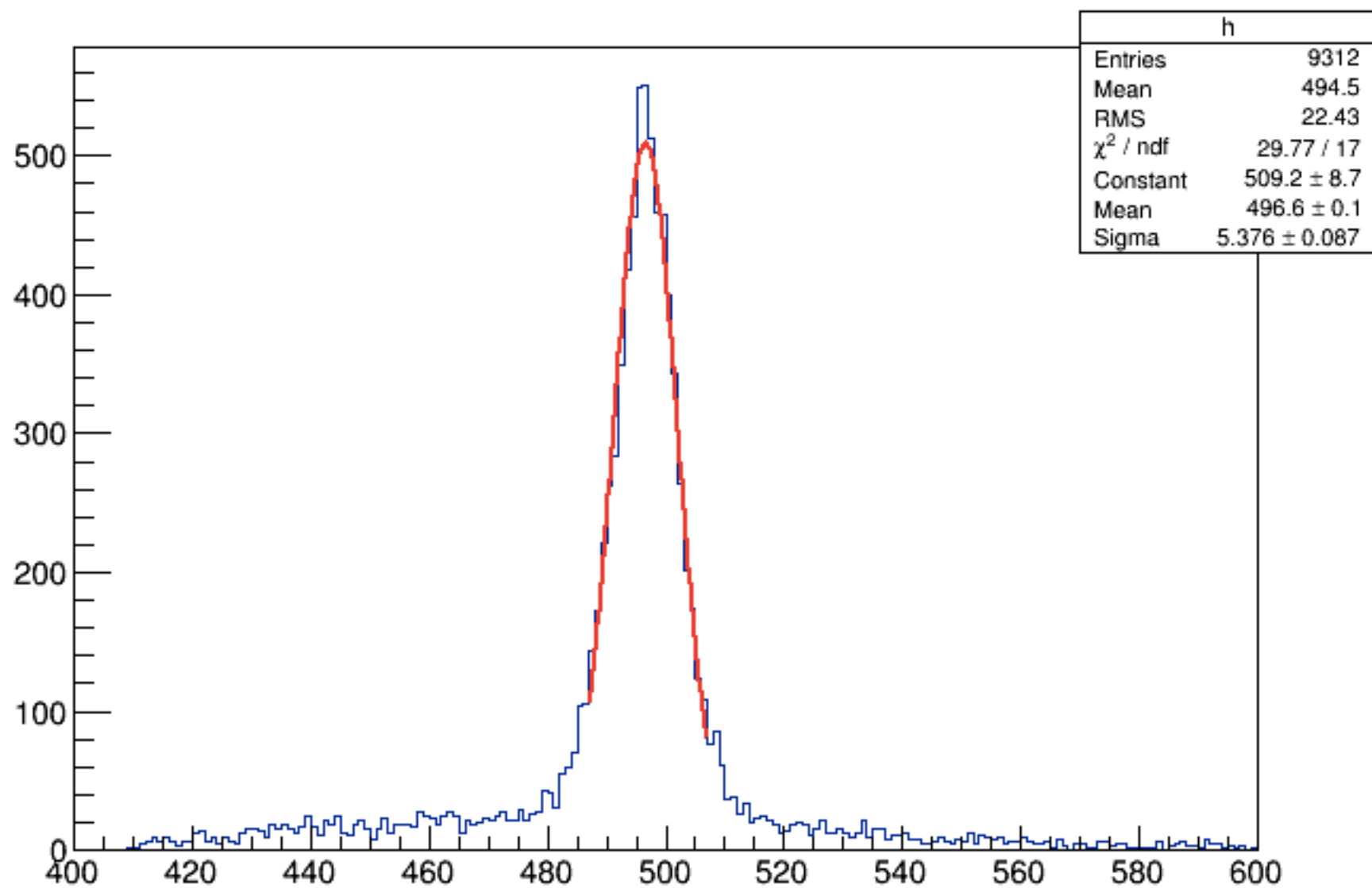
KLmass (KLmass>0&&MassTag>0&&CutB1==0&&CVveto==0&&NDDveto==0&&COOSveto==0 && CBAREDEP>8 && CBAREDEP<11)



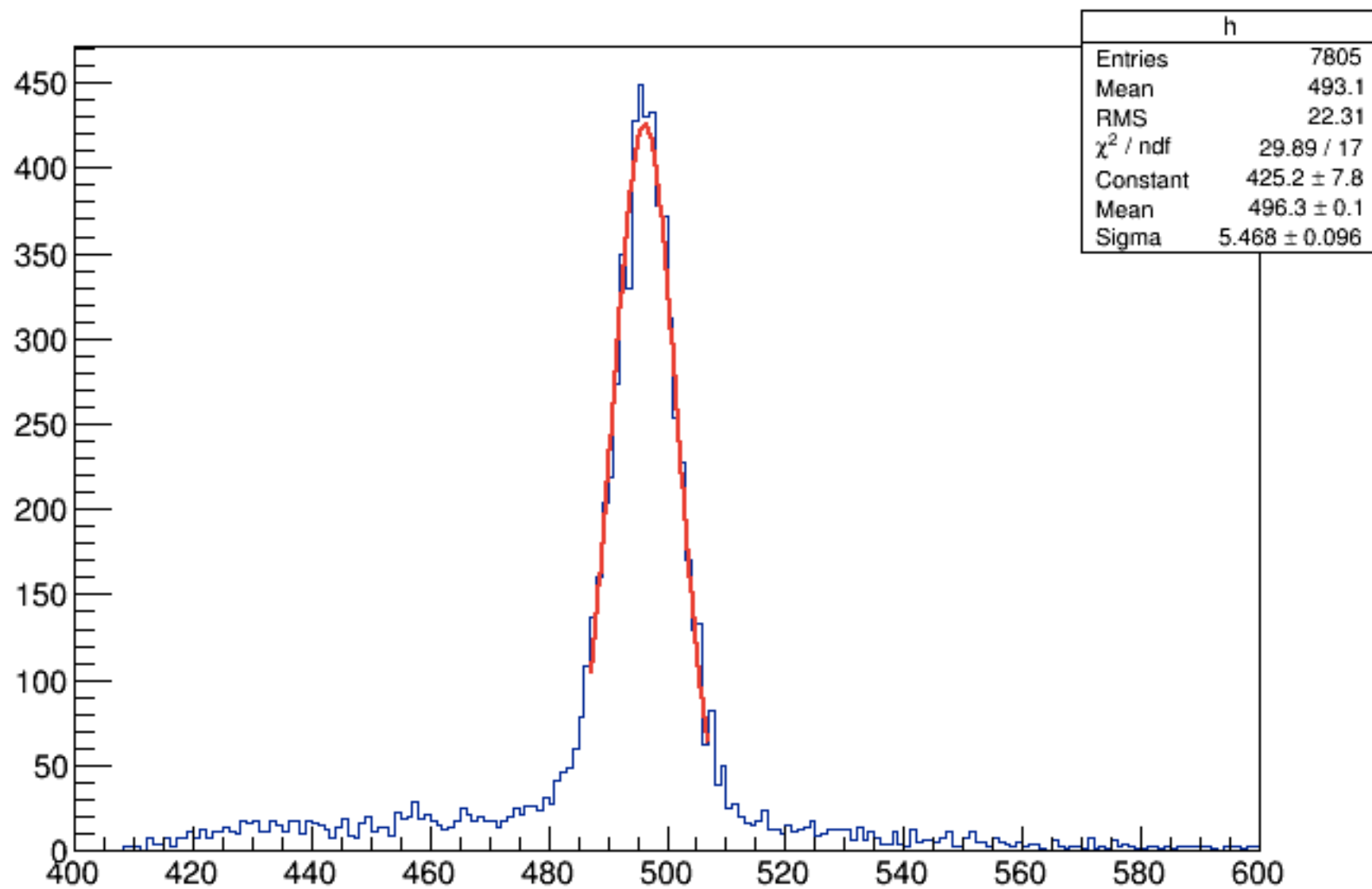
KLmass [KLmass>0&&MassTag=0&&CutBit=0&&CVveto=0&&NCDveto=0&&COO3veto=0 && CBAREDEP>11 && CBAREDEP<14]



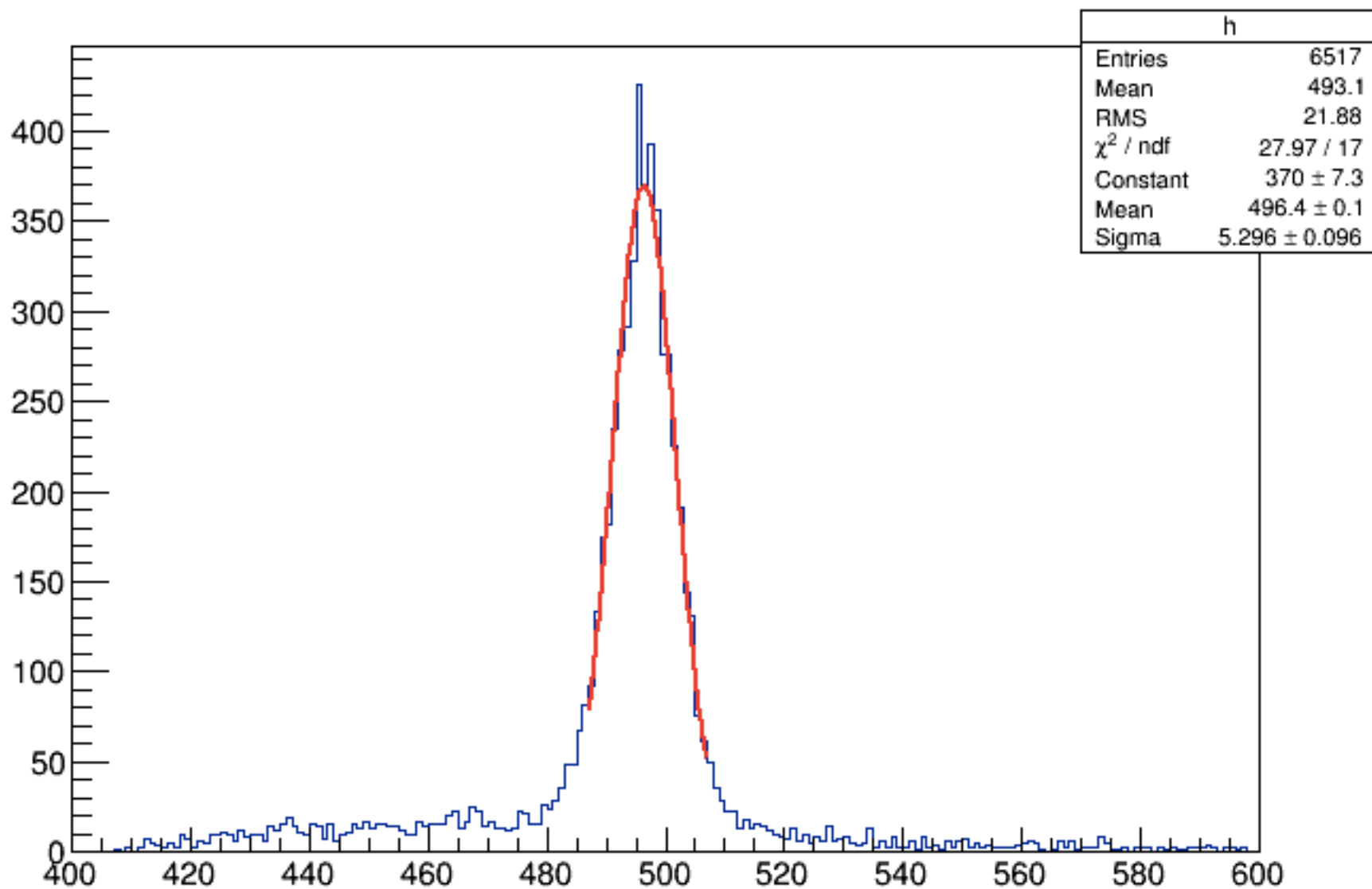
KLmass {KLmass>0&&MassTag>0&&CutBit==0&&C'veto==0&&NCDveto==0&&CC03veto==0 && CBAREDEP>14 && CBAREDEP<17}



KLmass [KLmass>0&&MassTag>0&&CutBit==0&&CVveto==0&&NDCVeto==0&&COOsveto==0 && CBAREDEP>17 && CBAREDEP<20]



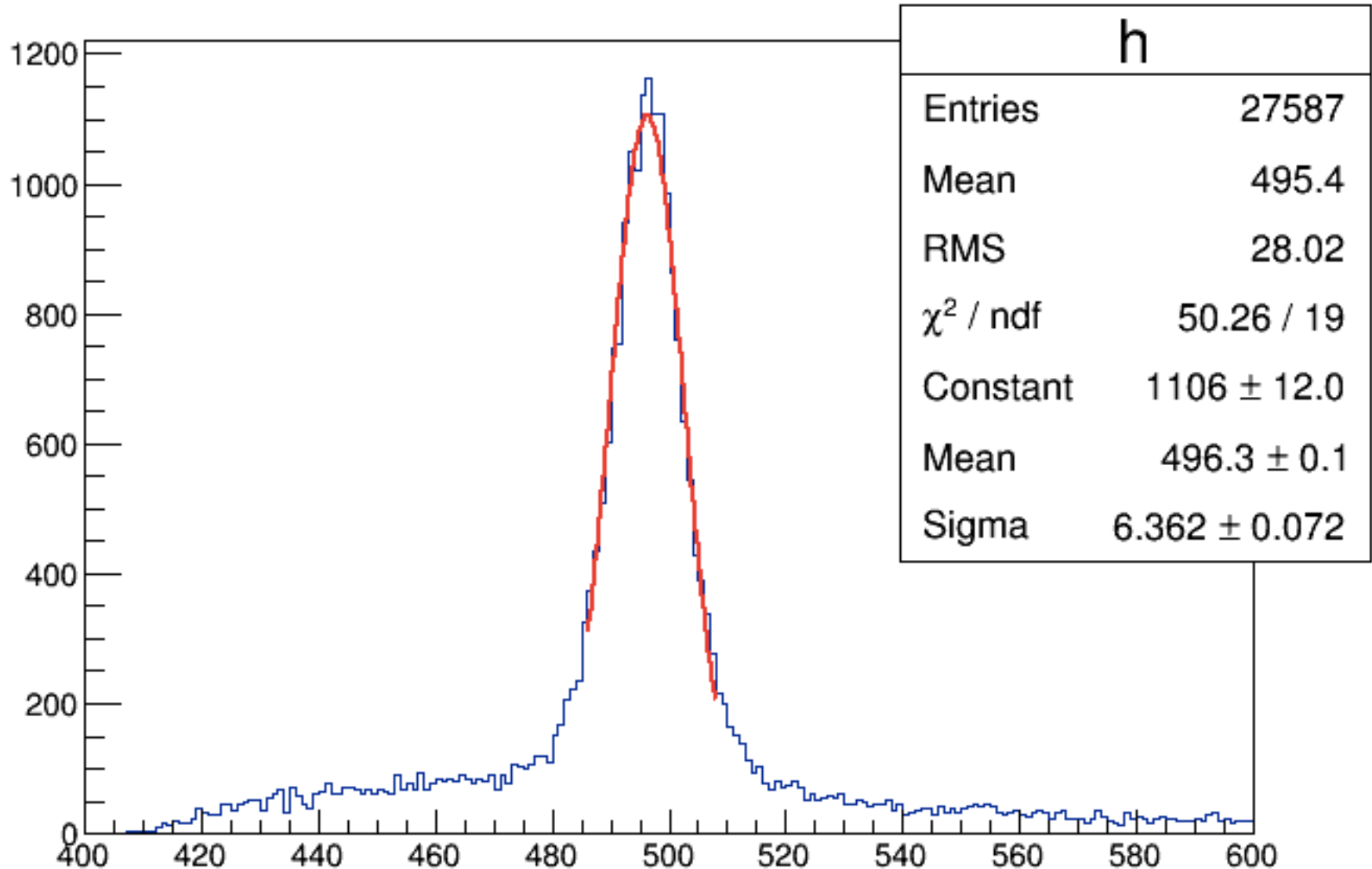
KLmass [KLmass>0&&MassTag>0&&CutBit==0&&CVveto==0&&NDCVeto==0&&CCCGveto==0 && CBAREDEP>20 && CBAREDEP<23]



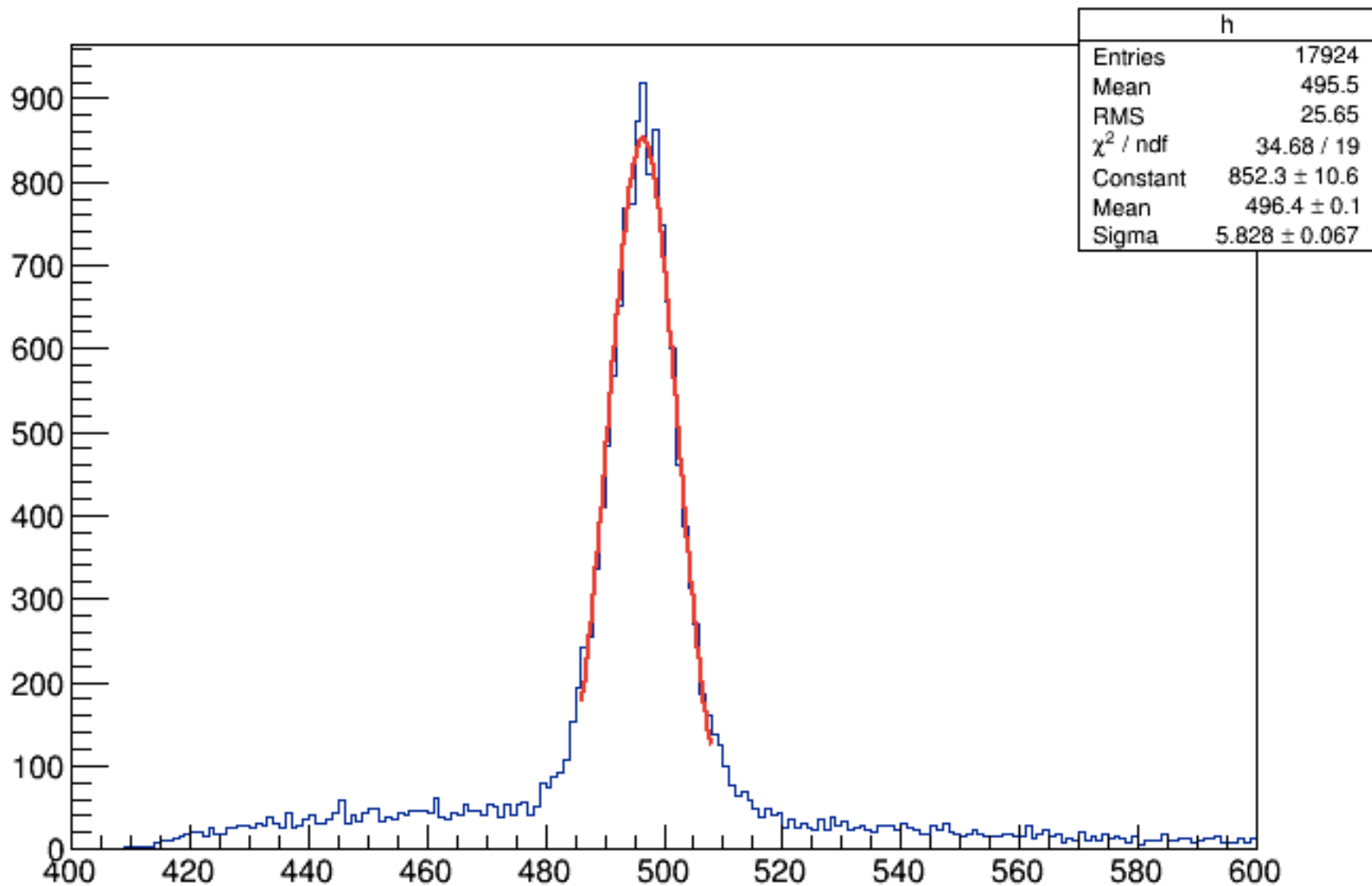


# 486~508, 3MeV interval

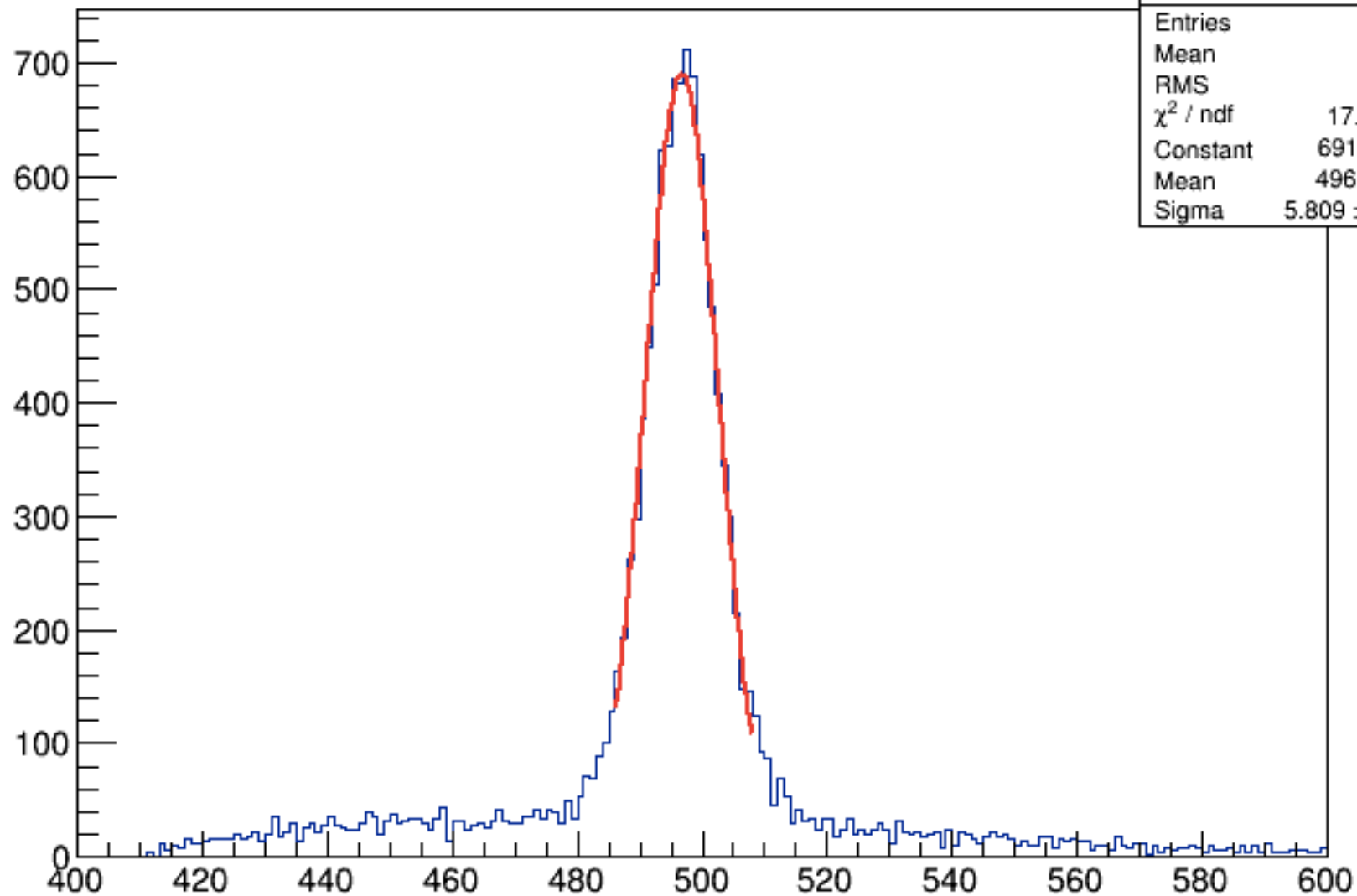
KLmass (KLmass>0&&MassTag>0&&CutBH==0&&CVveto==0&&NDCveto==0&&SCCGveto==0 && CBAREDEP>2 && CBAREDEP<5)



KLmass (KLmass>0&&MassTag>0&&CutBit==0&&CVveto==0&&NDCveto==0&&CCO3veto==0 && CBAREDEP>5 && CBAREDEP<8)

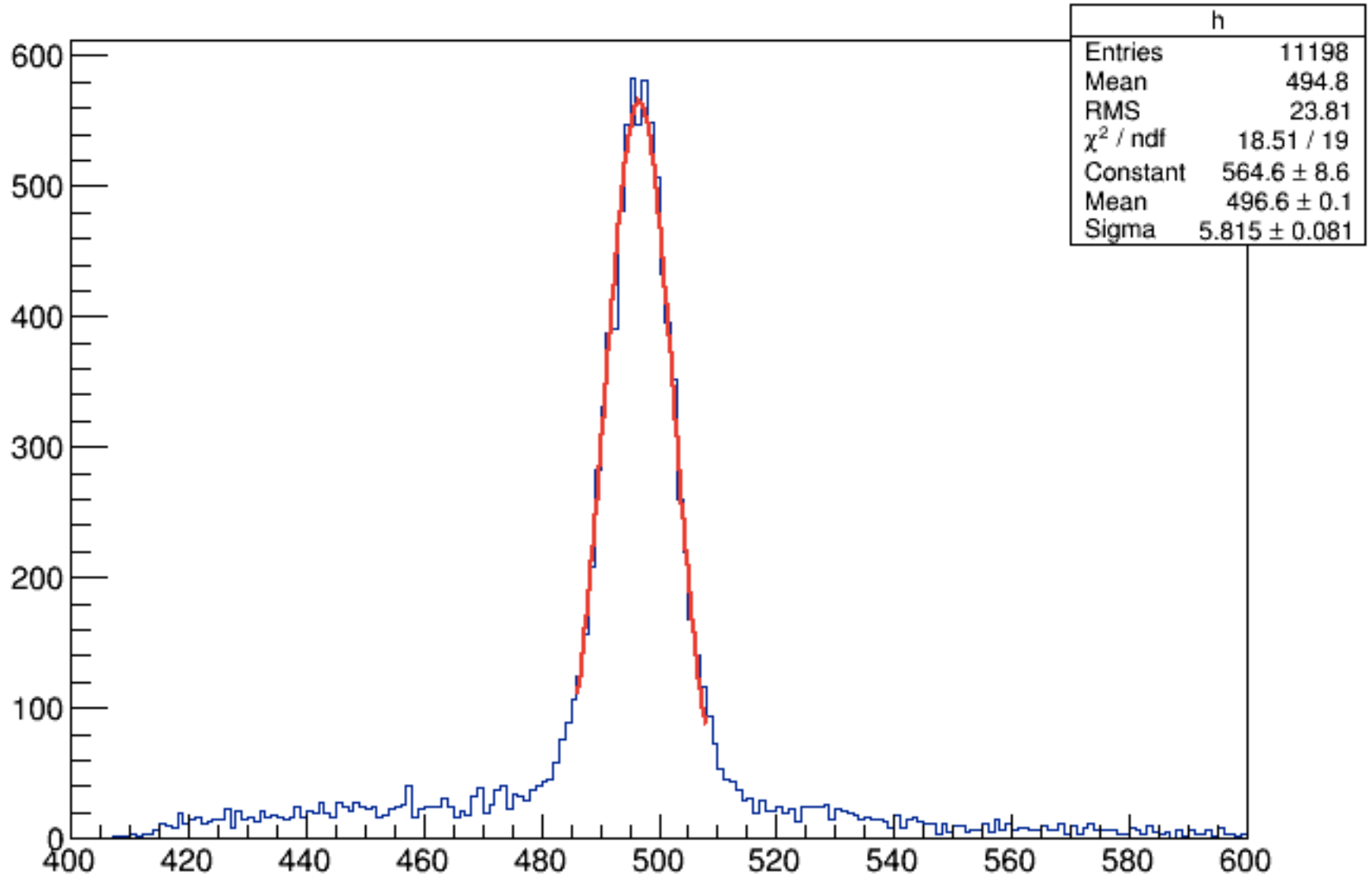


KLmass {KLmass>0&&MassTag>0&&CurBit==0&&CVeto==0&&NDCveto==0&&CCGveto==0 && CBAREDEF>8 && CBAREDEF<11}

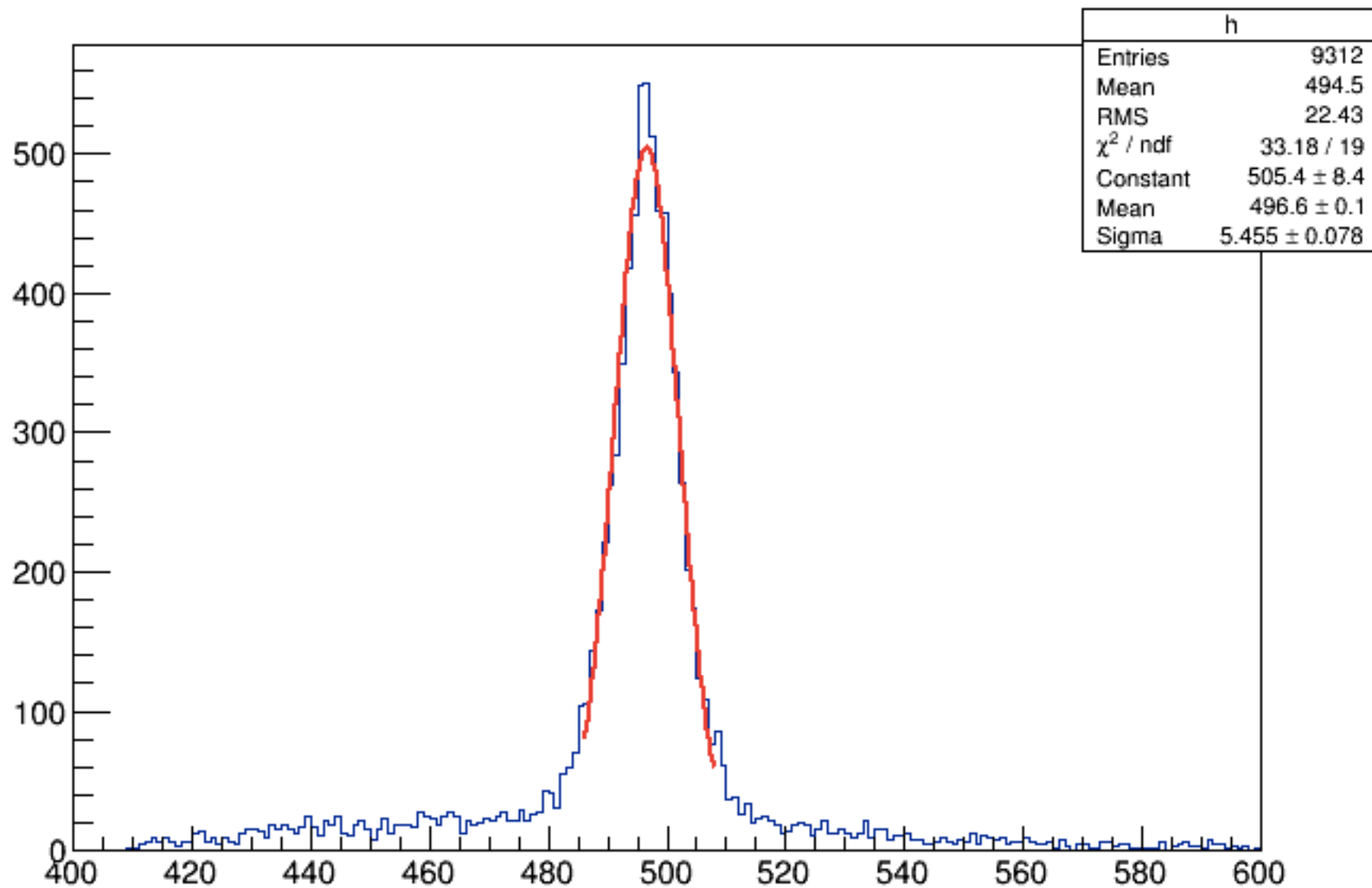


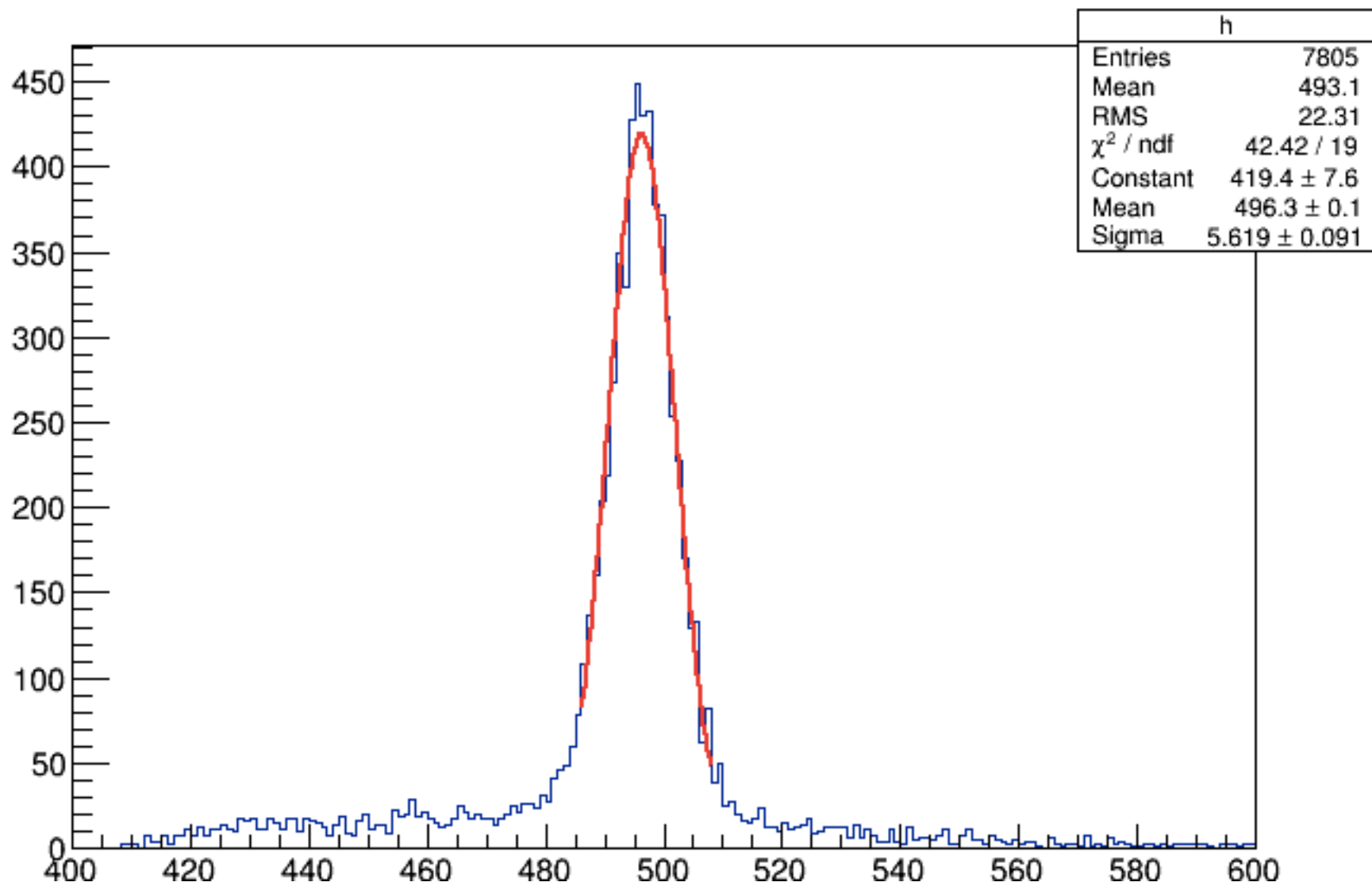
h	
Entries	13906
Mean	495.4
RMS	24.5
$\chi^2 / \text{ndf}$	17.73 / 19
Constant	$691.1 \pm 9.5$
Mean	$496.7 \pm 0.1$
Sigma	$5.809 \pm 0.073$

KLmass [KLmass>0&&MassTag>0&&CutBf==0&&CVveto==0&&NCDveto==0&&CCOsveto==0 && CBAREDEP>11 && CBAREDEP<14]

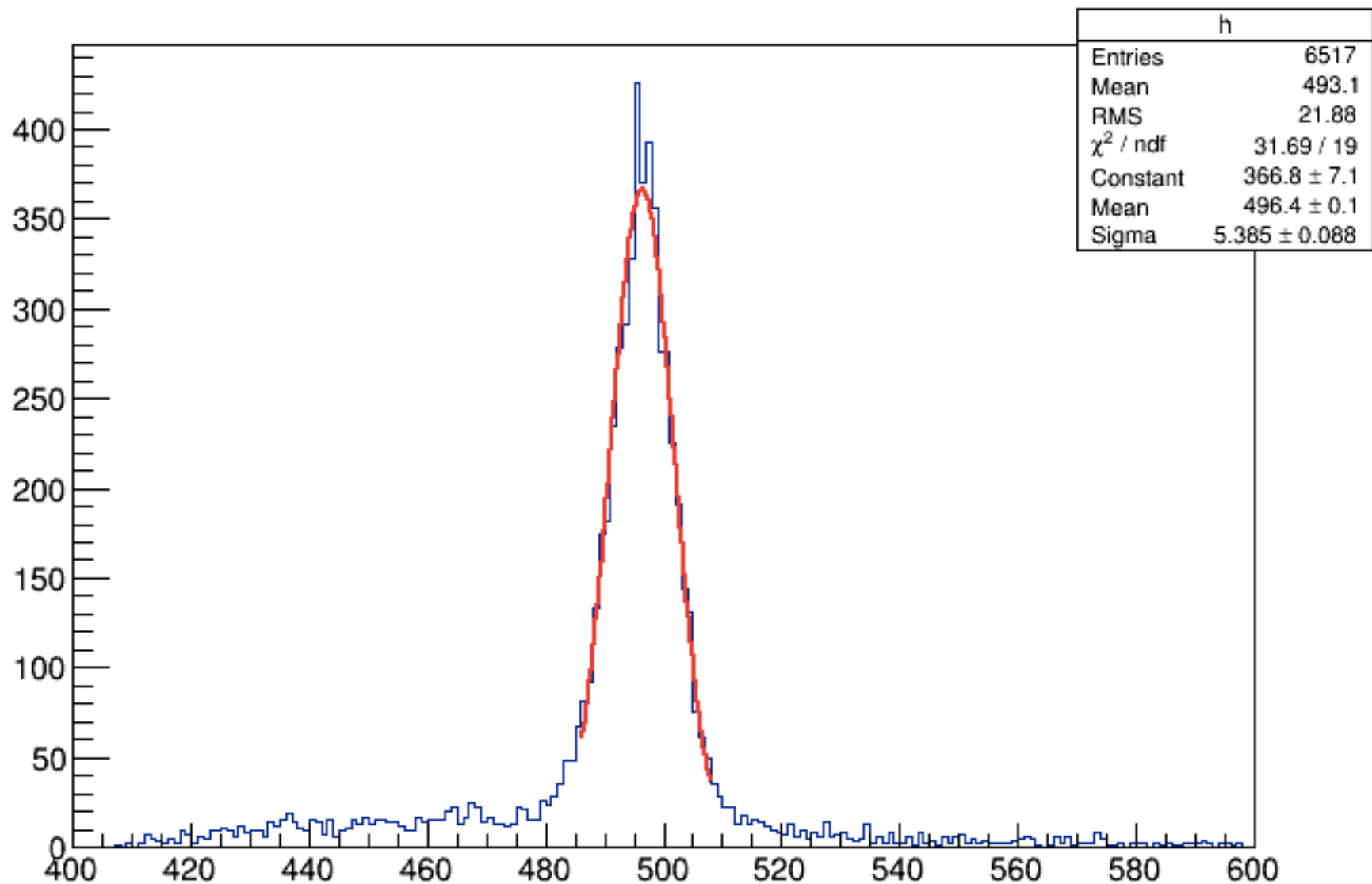


KLmass [KLmass>0&&MassTag>0&&CutBit==0&&CVveto==0&&NCGveto==0&&CCGveto==0 && CBAREDEP>14 && CBAREDEP<17]



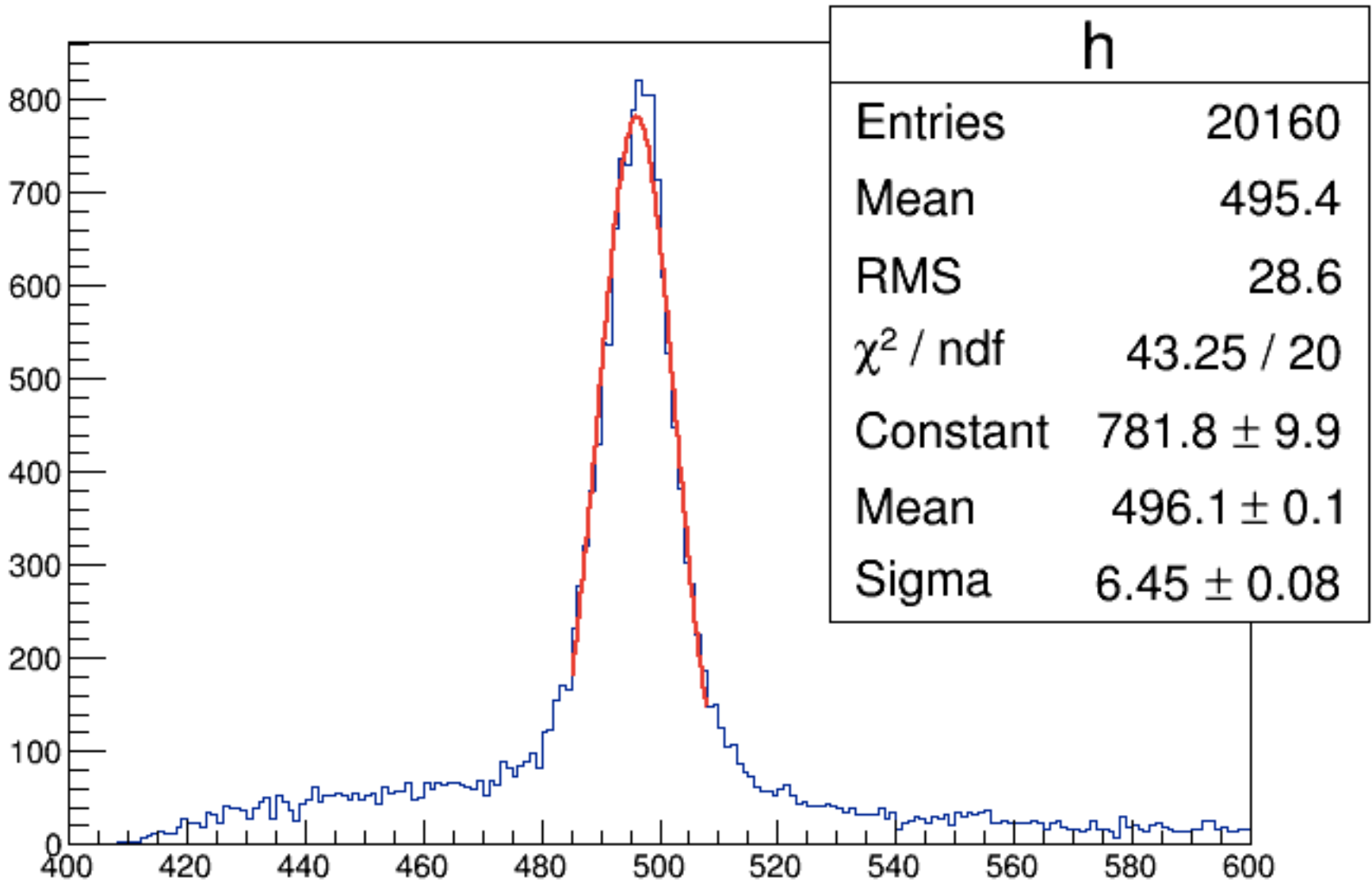


KLmass [KLmass<0&&MassTag>0&&CutBit==0&&CVveto==0&&NCDveto==0&&SCC0veto==0 && CBAREDEF>20 && CBAREDEF<23]



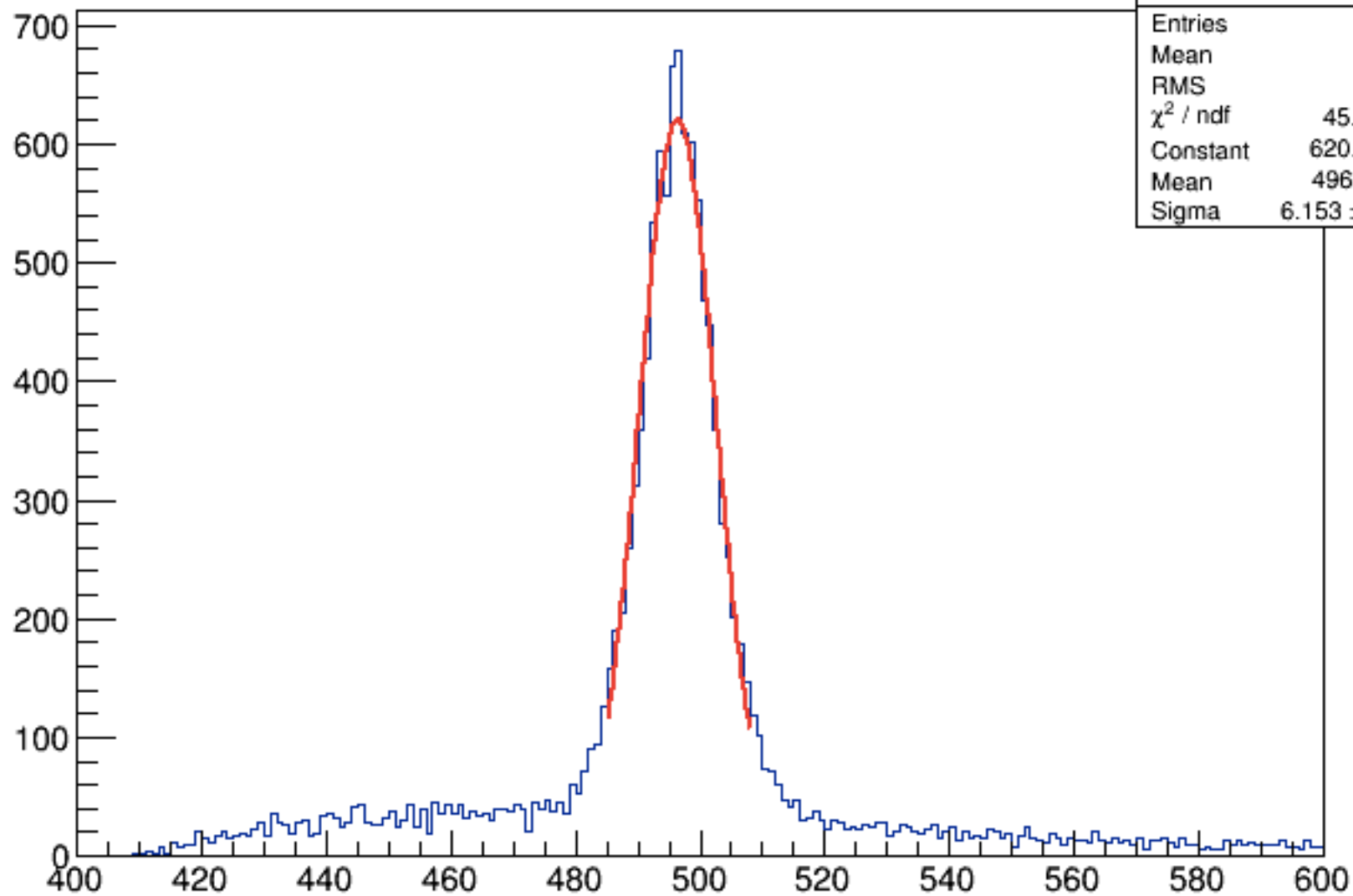
# 485~508, 2MeV interval

KLmass [KLmass>0&&MassTag=0&&CutBit=0&&CVveto=0&&NDCVeto=0&&COOsveto=0 && CBAREDEP>2 && CBAREDEP<4]

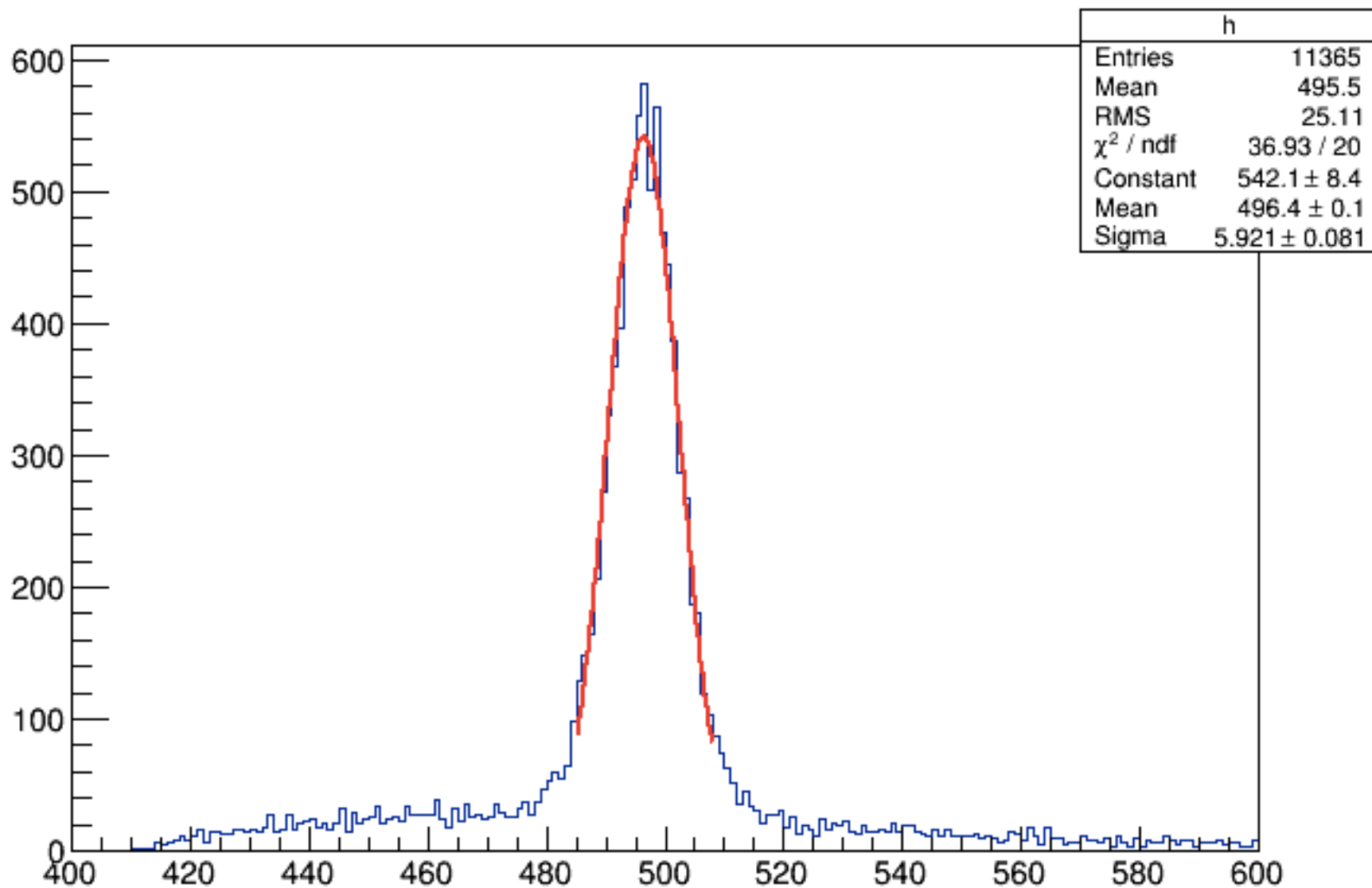




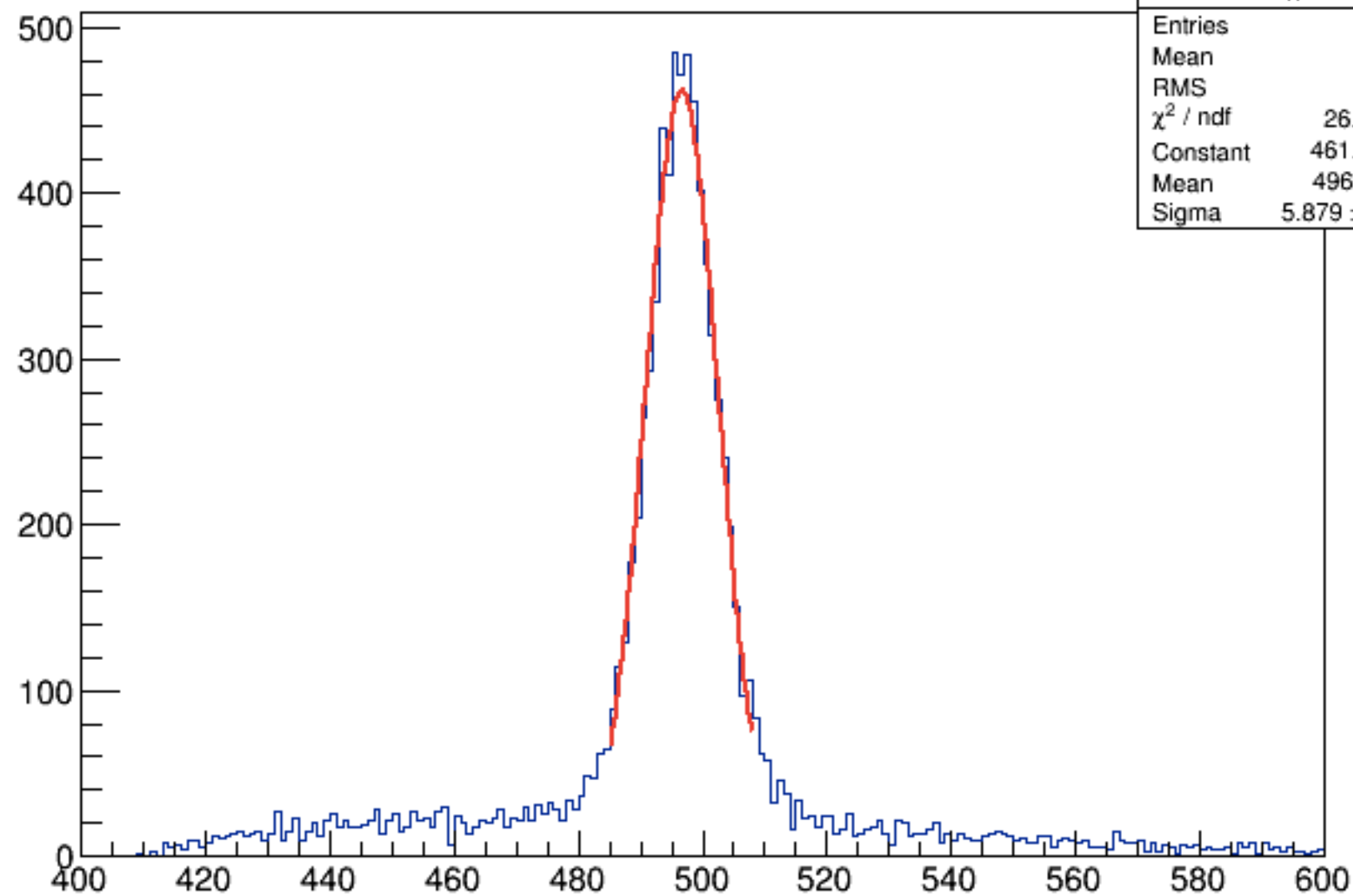
KLmass (KLmass>0&&MassTag>0&&CutBH==0&&CVveto==0&&NDCveto==0&&CCO3veto==0 && CBAREDEP>4 && CBAREDEP<6)



h	
Entries	13986
Mean	495.5
RMS	26.49
$\chi^2 / \text{ndf}$	45.98 / 20
Constant	$620.7 \pm 9.0$
Mean	$496.4 \pm 0.1$
Sigma	$6.153 \pm 0.084$

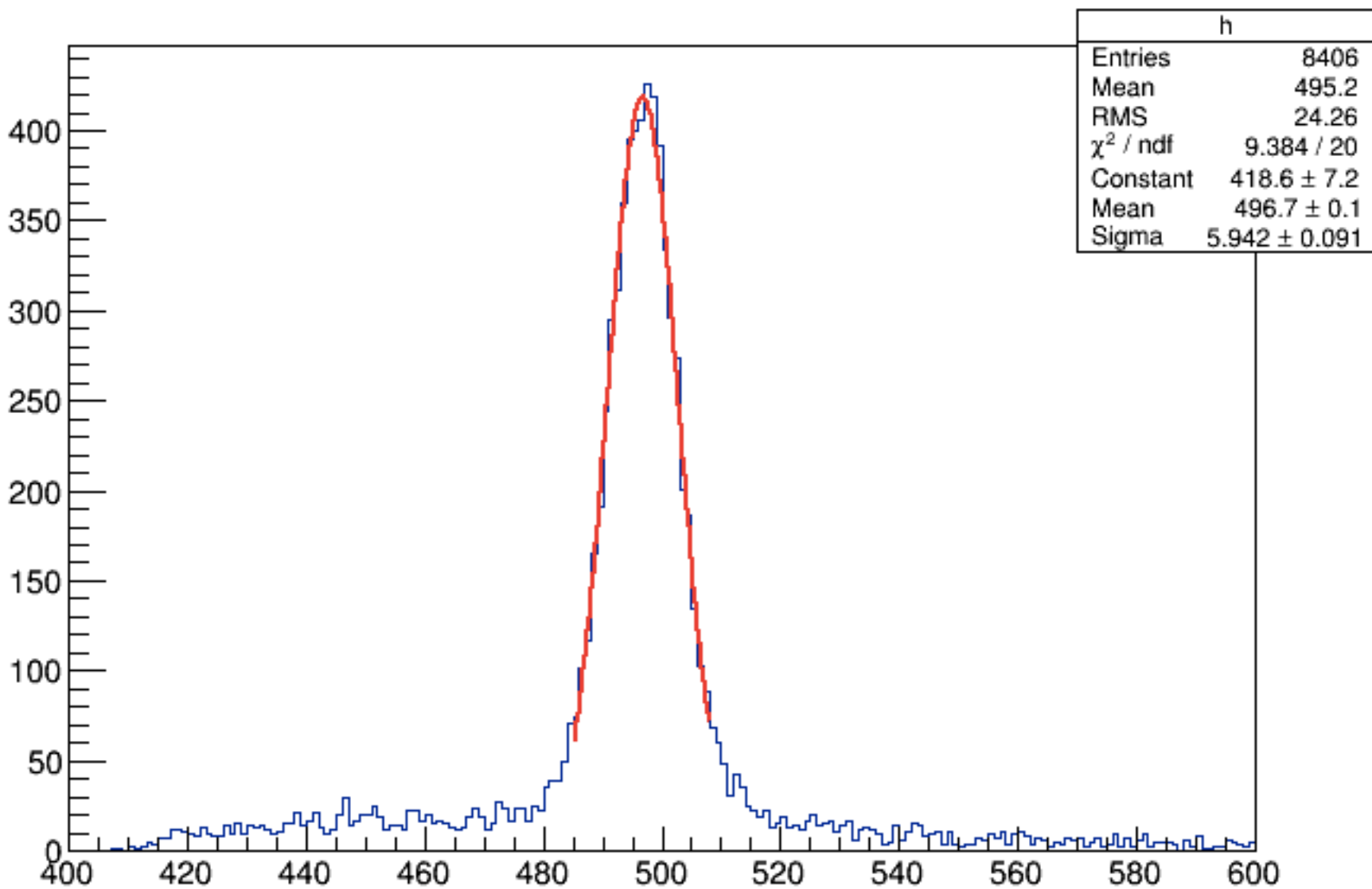


KLmass [KLmass>0&&MassTag=0&&CutBit=0&&CVveto=0&&NCDveto=0&&COOveto=0 && CBAREDEP>8 && CBAREDEP<10]

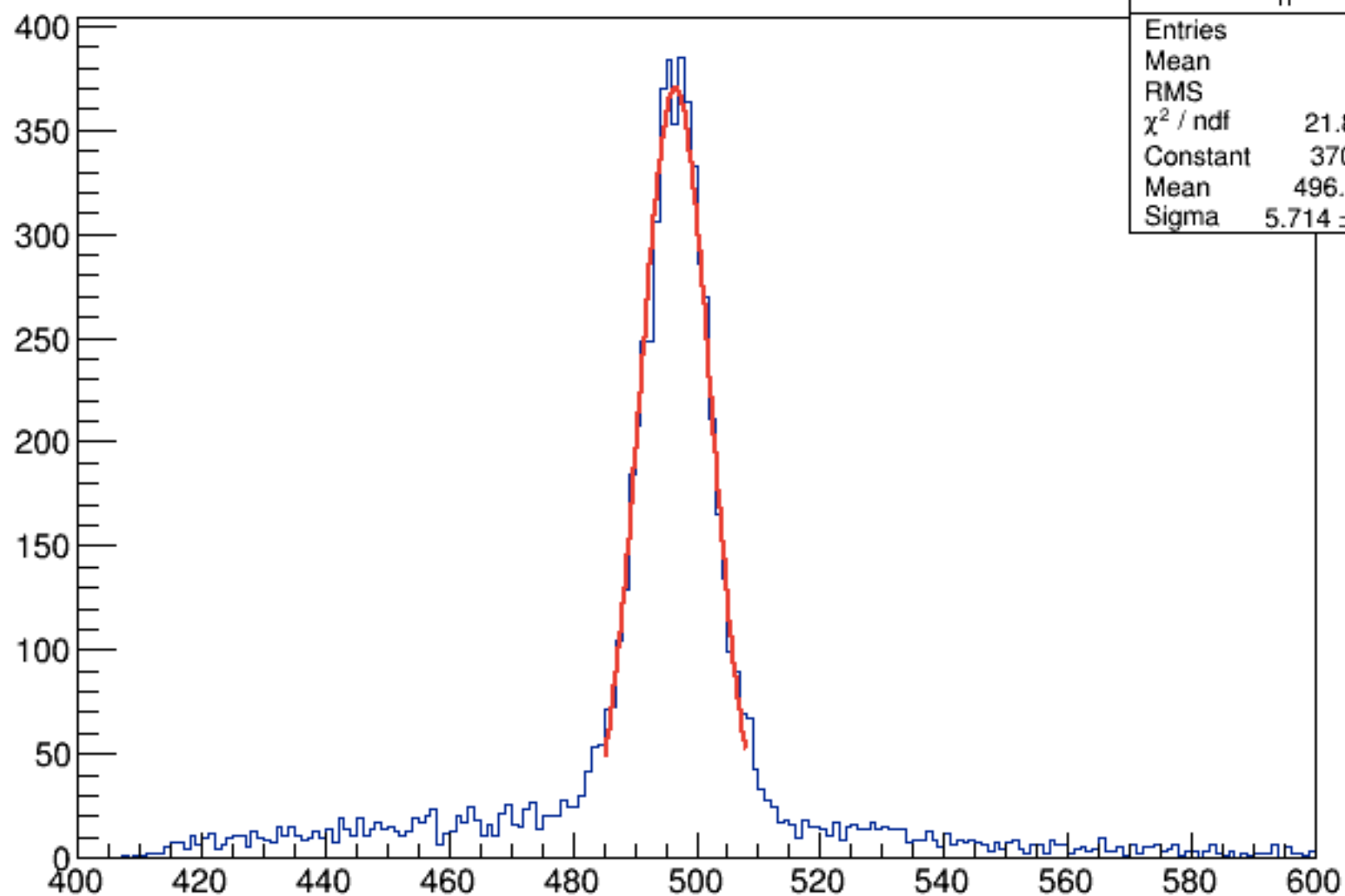


h	
Entries	9491
Mean	495.4
RMS	24.73
$\chi^2 / \text{ndf}$	26.36 / 20
Constant	$461.9 \pm 7.7$
Mean	$496.7 \pm 0.1$
Sigma	$5.879 \pm 0.087$

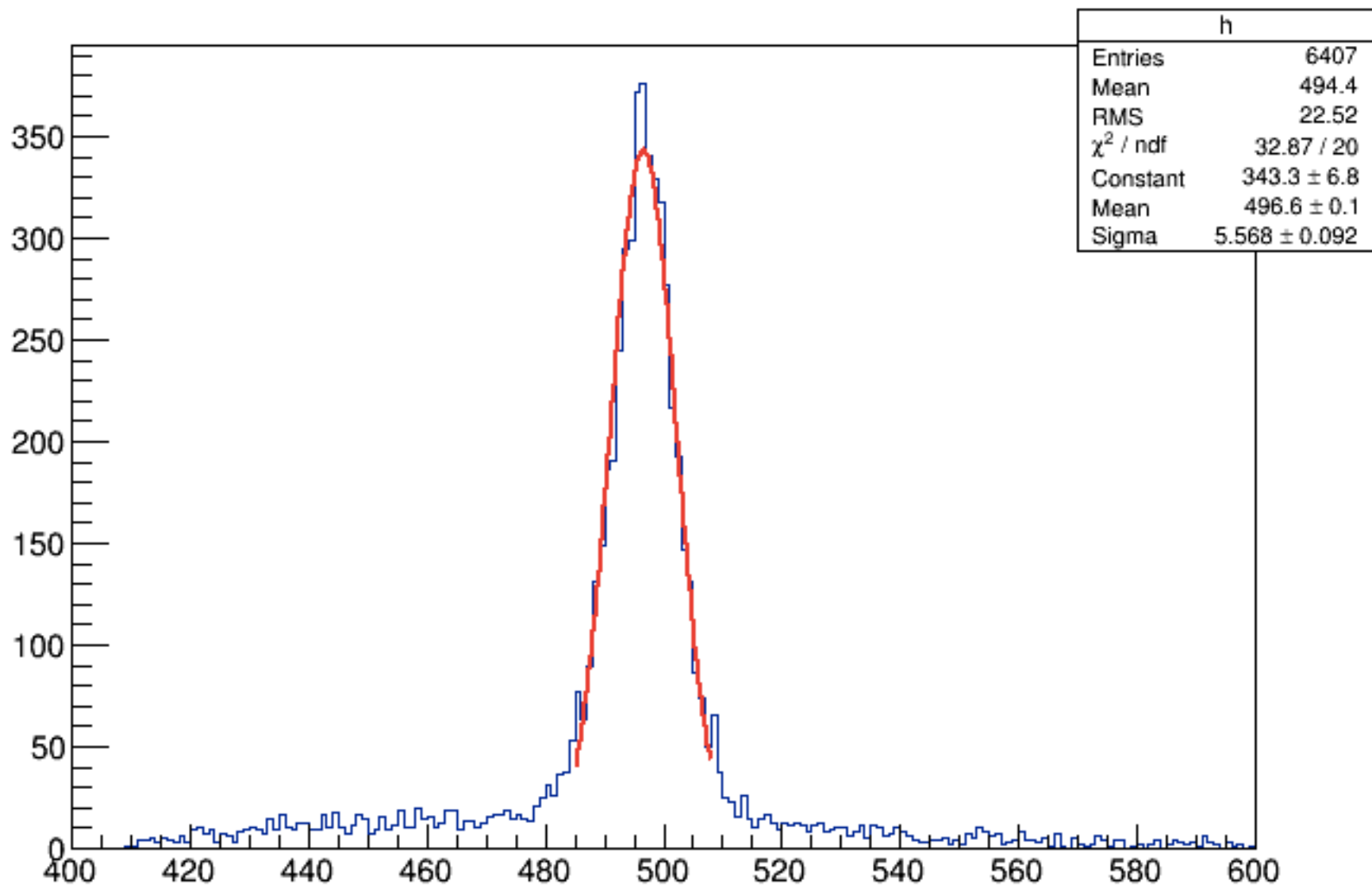
KLmass [KLmass>0&&MassTag>0&&CutBit==0&&CVveto==0&&NCDveto==0&&COOsveto==0 && CBAREDEP>10 && CBAREDEP<12]



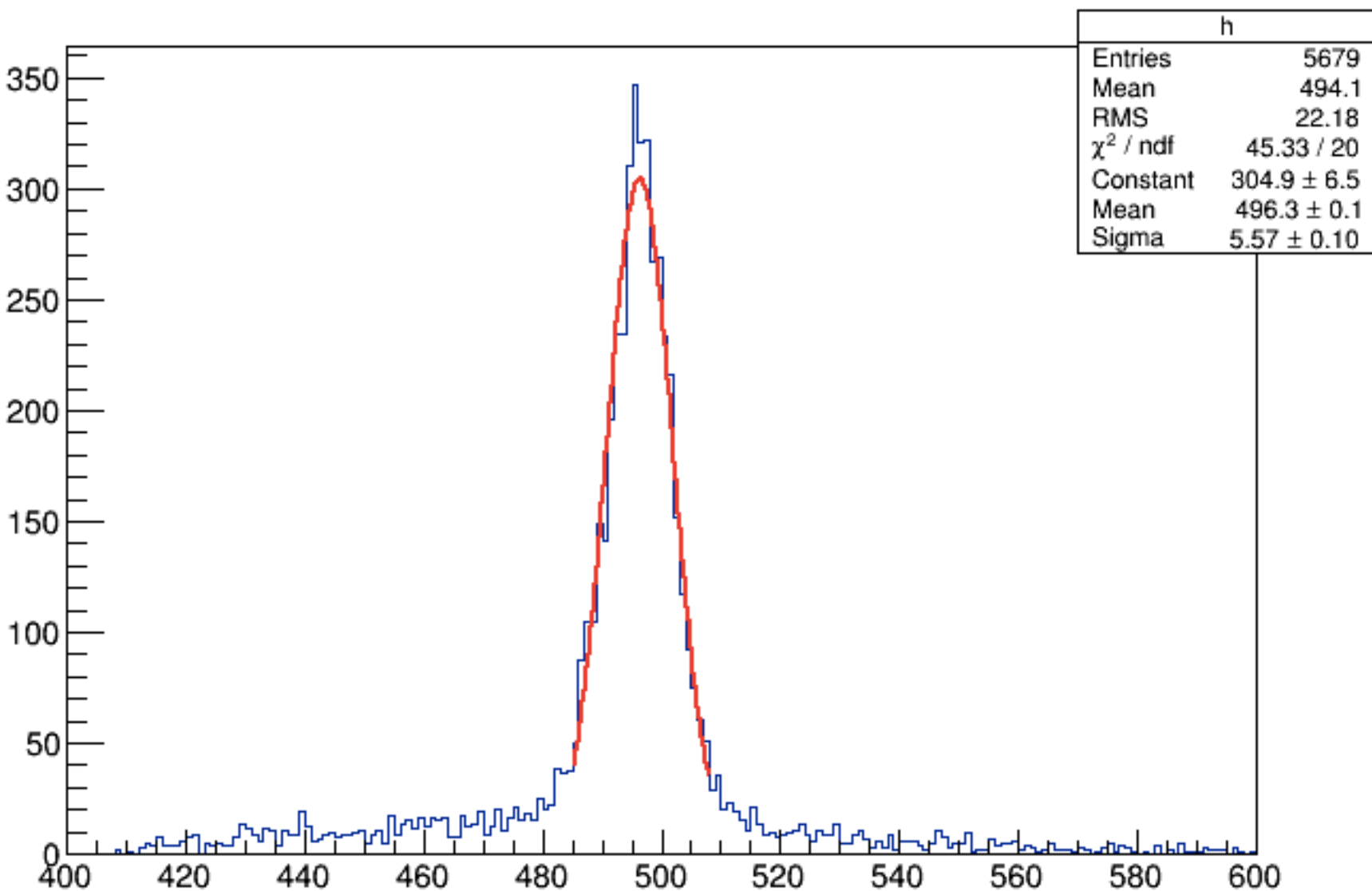
KLmass (KLmass>0&&MassTag=0&&CutBit==0&&CVveto==0&&NDCveto==0&&COOveto==0 && CBAREDEP>12 && CBAREDEP<14)



h	
Entries	7207
Mean	494.6
RMS	23.4
$\chi^2 / \text{ndf}$	21.83 / 20
Constant	$370 \pm 6.9$
Mean	$496.6 \pm 0.1$
Sigma	$5.714 \pm 0.091$



KLmass [KLmass>0&&MassTag>0&&CutBit==0&&CVveto==0&&NDCveto==0&&CCOGveto==0 && CBAREDEF>16 && CBAREDEF<18]



KLmass [KLmass>0&&MassTag=0&&CutBH==0&&CVveto==0&&NCDveto==0&&OCGVeto==0 && CBAREDEF>18 && CBAREDEF<20]

