

CMS

138 fb<sup>-1</sup> (13 TeV)

$600 < m(t\bar{t}) < 800 \text{ GeV}$   
 $\Delta_E = 0.267 \pm 0.060$

c-1  
 $P_r$   
 $P_n$   
 $P_k$   
 $\bar{P}_r$   
 $\bar{P}_n$   
 $\bar{P}_k$   
 $C_{rr}$   
 $C_{nn}$   
 $C_{kk}$   
 $C_{nr}^+$   
 $C_{nr}^-$   
 $C_{rk}^+$   
 $C_{nk}^+$   
 $C_{nk}^-$   
 $C_{rk}^-$   
 $C_{nk}$

-0.066 ± 0.057  
-0.025 ± 0.013  
0.003 ± 0.010  
0.000 ± 0.014  
-0.008 ± 0.013  
0.005 ± 0.010  
0.020 ± 0.014  
-0.064 ± 0.038  
0.237 ± 0.025  
0.093 ± 0.042  
0.017 ± 0.045  
-0.258 ± 0.057  
0.054 ± 0.047  
-0.078 ± 0.042  
-0.056 ± 0.056  
0.033 ± 0.045

Coefficient value

 $\Delta(\text{data, Powheg+P8})$ 

Data  
stat, total unc.  
Powheg+P8  
Powheg+H7  
MG5+P8  
MiNNLO+P8

CMS

138 fb<sup>-1</sup> (13 TeV)

$m(t\bar{t}) > 800 \text{ GeV}$   
 $\Delta_E = 0.336 \pm 0.074$

c-1  
 $P_r$   
 $P_n$   
 $P_k$   
 $\bar{P}_r$   
 $\bar{P}_n$   
 $\bar{P}_k$   
 $C_{rr}$   
 $C_{nn}$   
 $C_{kk}$   
 $C_{nr}^+$   
 $C_{nr}^-$   
 $C_{rk}^+$   
 $C_{nk}^+$   
 $C_{nk}^-$   
 $C_{rk}^-$   
 $C_{nk}$

-0.033 ± 0.063  
0.006 ± 0.014  
0.007 ± 0.011  
0.000 ± 0.017  
-0.013 ± 0.014  
0.003 ± 0.011  
0.026 ± 0.017  
-0.202 ± 0.044  
0.173 ± 0.028  
0.040 ± 0.050  
-0.073 ± 0.050  
-0.118 ± 0.065  
-0.064 ± 0.054  
0.009 ± 0.048  
0.010 ± 0.065  
-0.026 ± 0.051

Coefficient value

 $\Delta(\text{data, Powheg+P8})$ 

Data  
stat, total unc.  
Powheg+P8  
Powheg+H7  
MG5+P8  
MiNNLO+P8