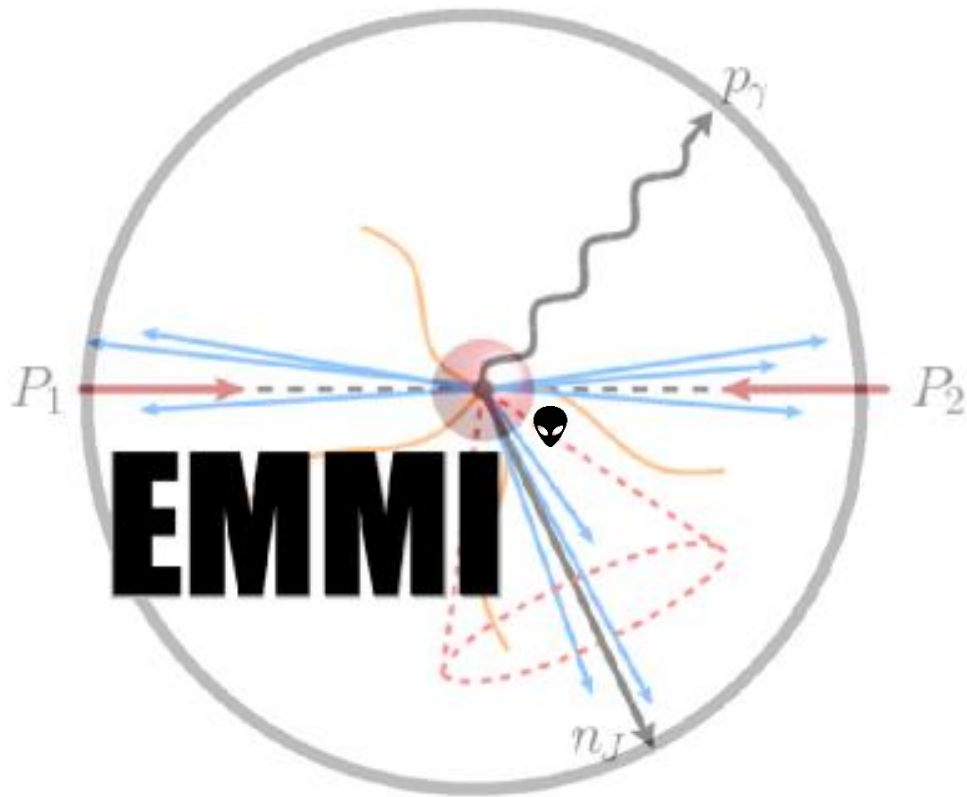
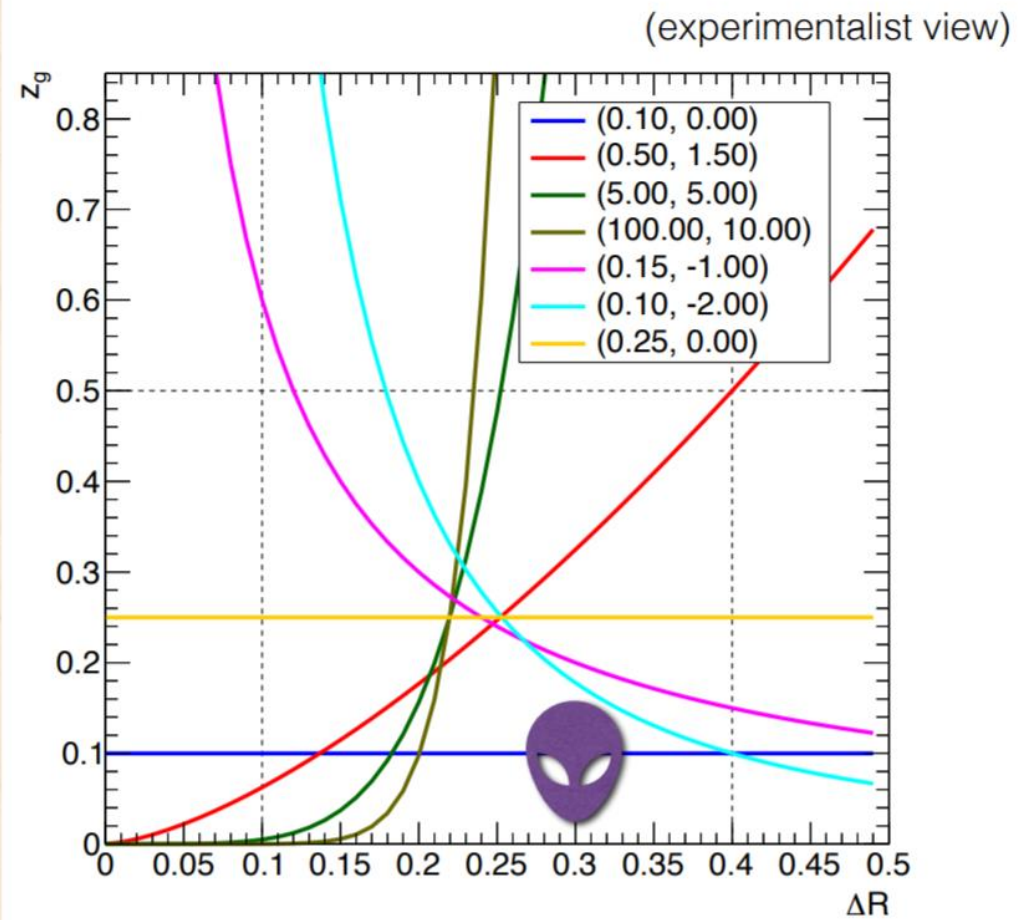
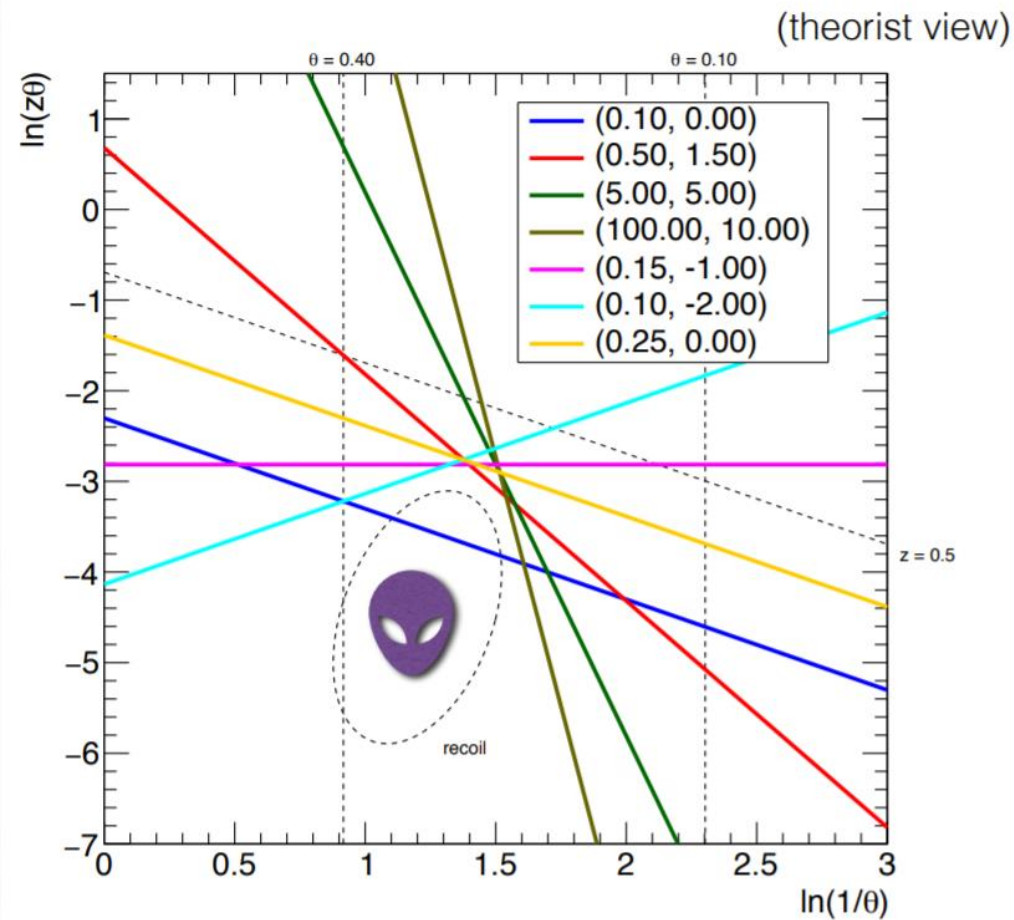


# Status Report

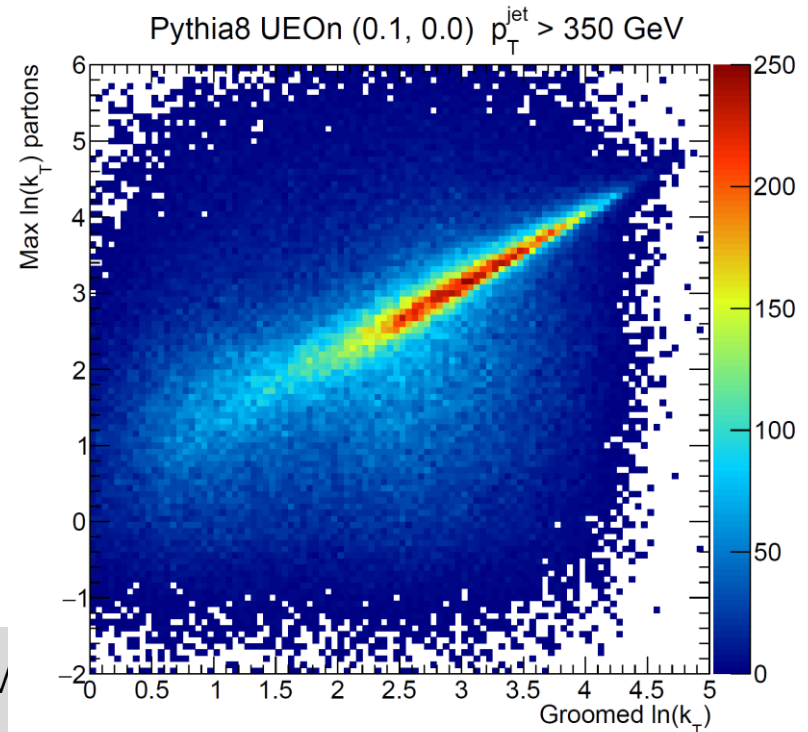
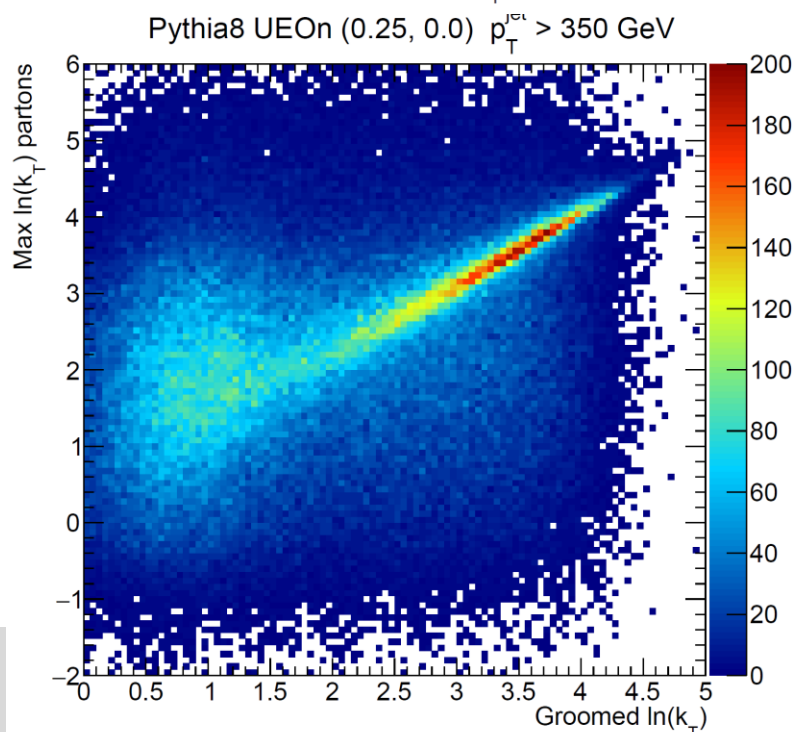
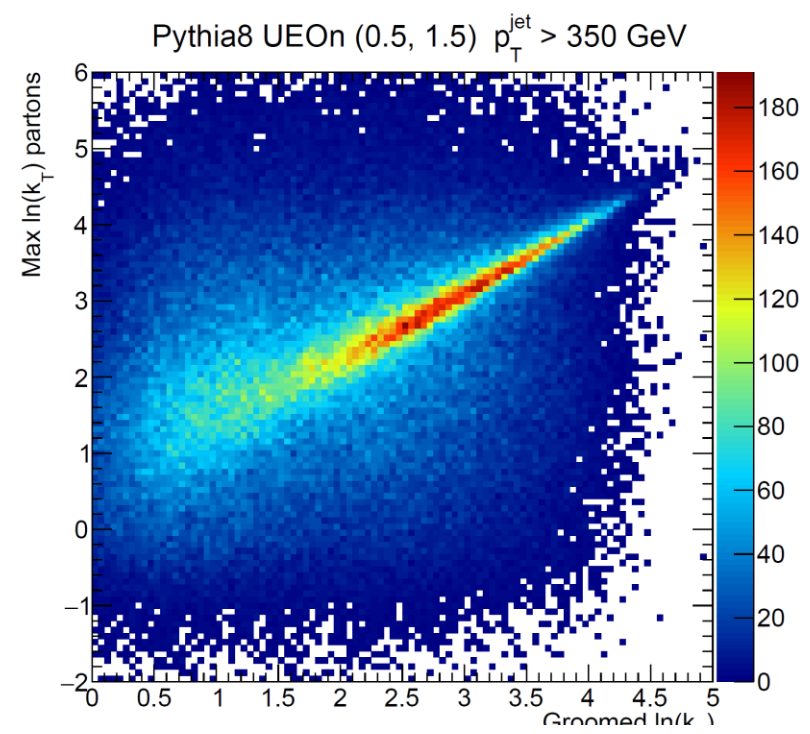
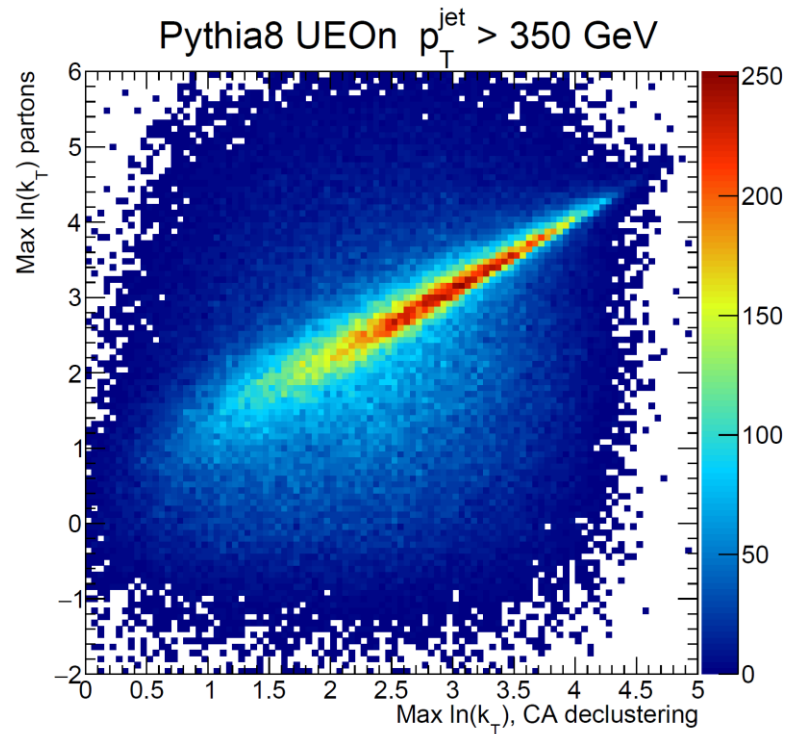


Let's go Lunni!

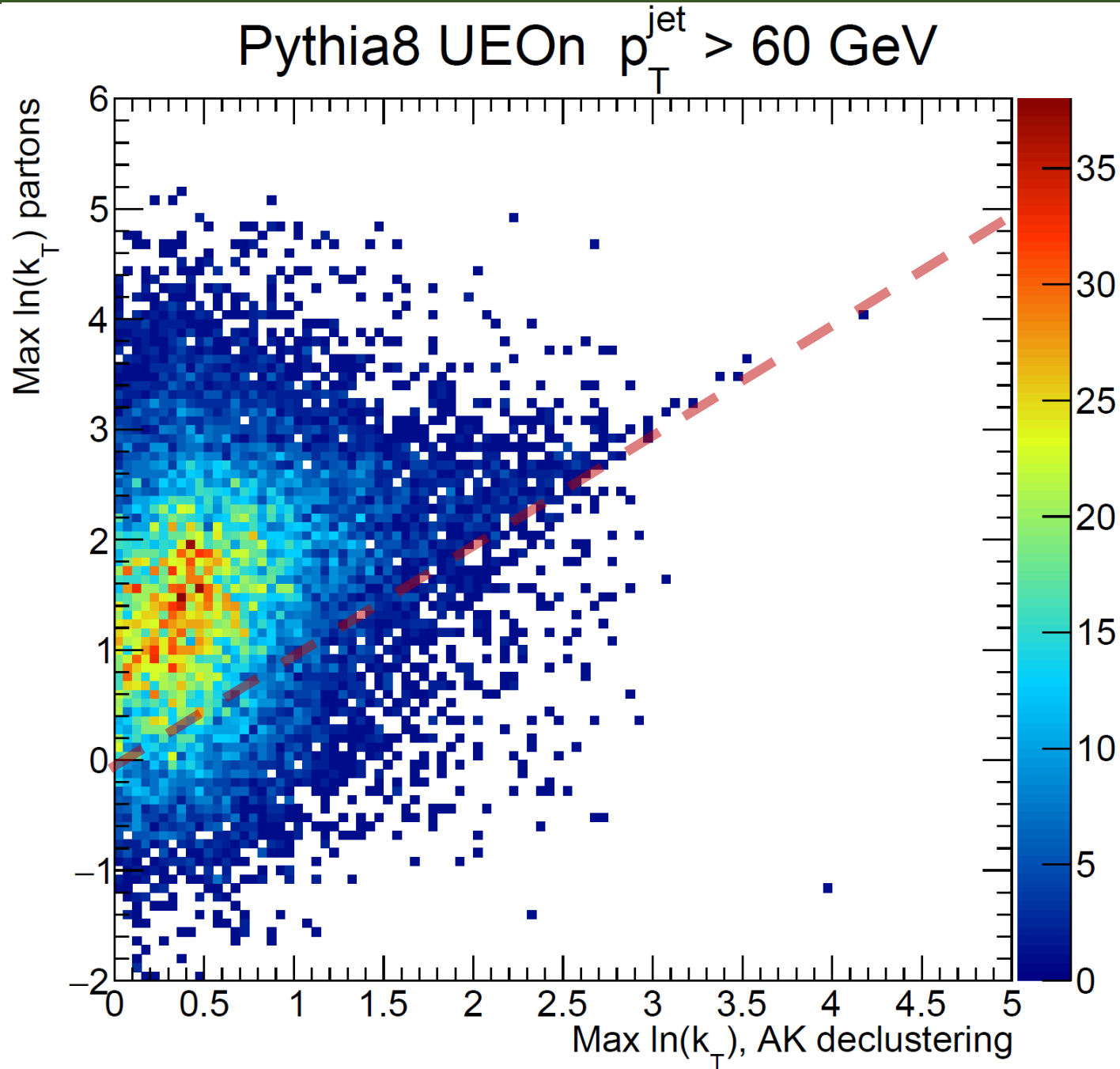
# Softdrop



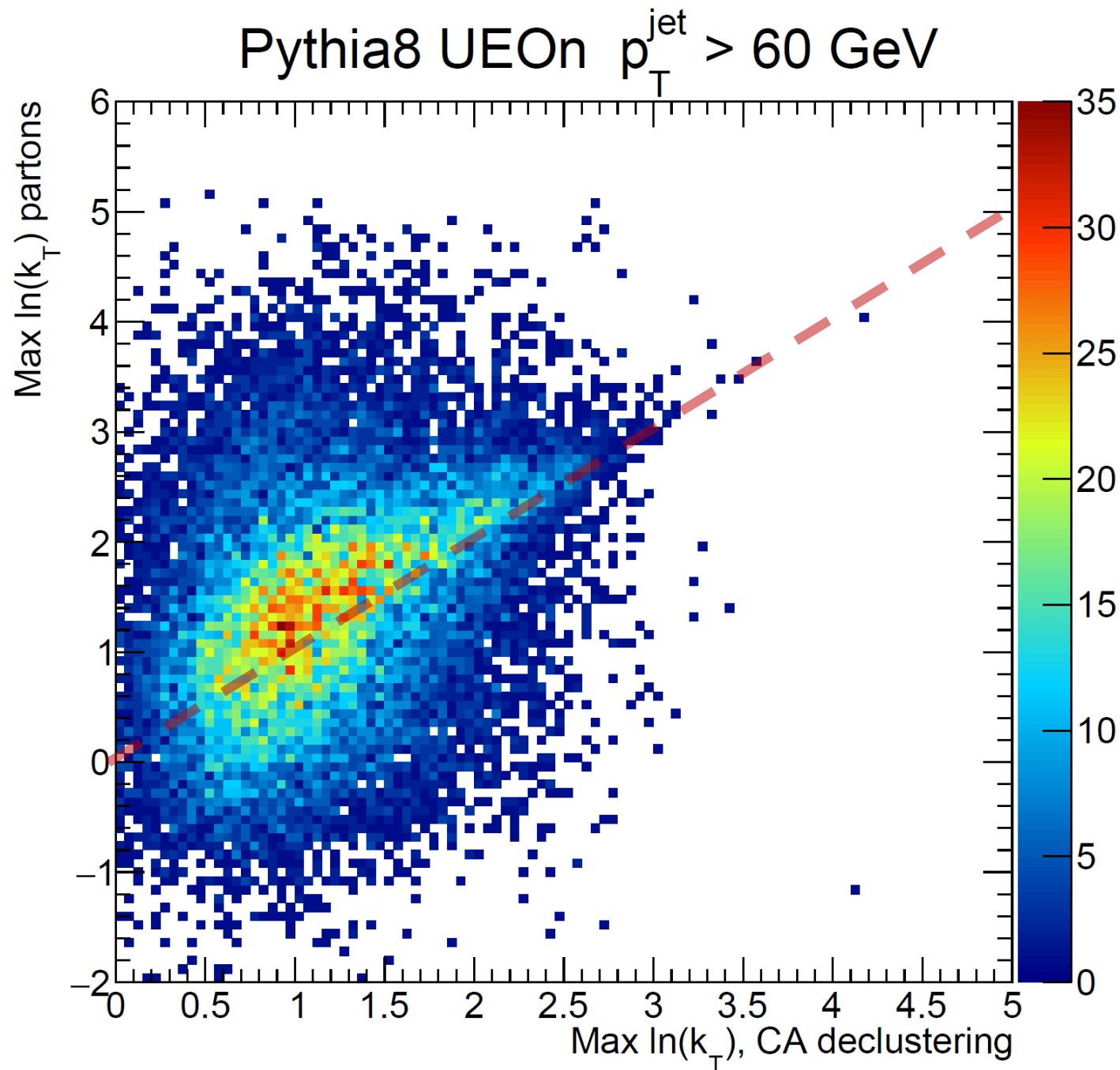
# Performance with $\hat{p}_T > 300$ GeV



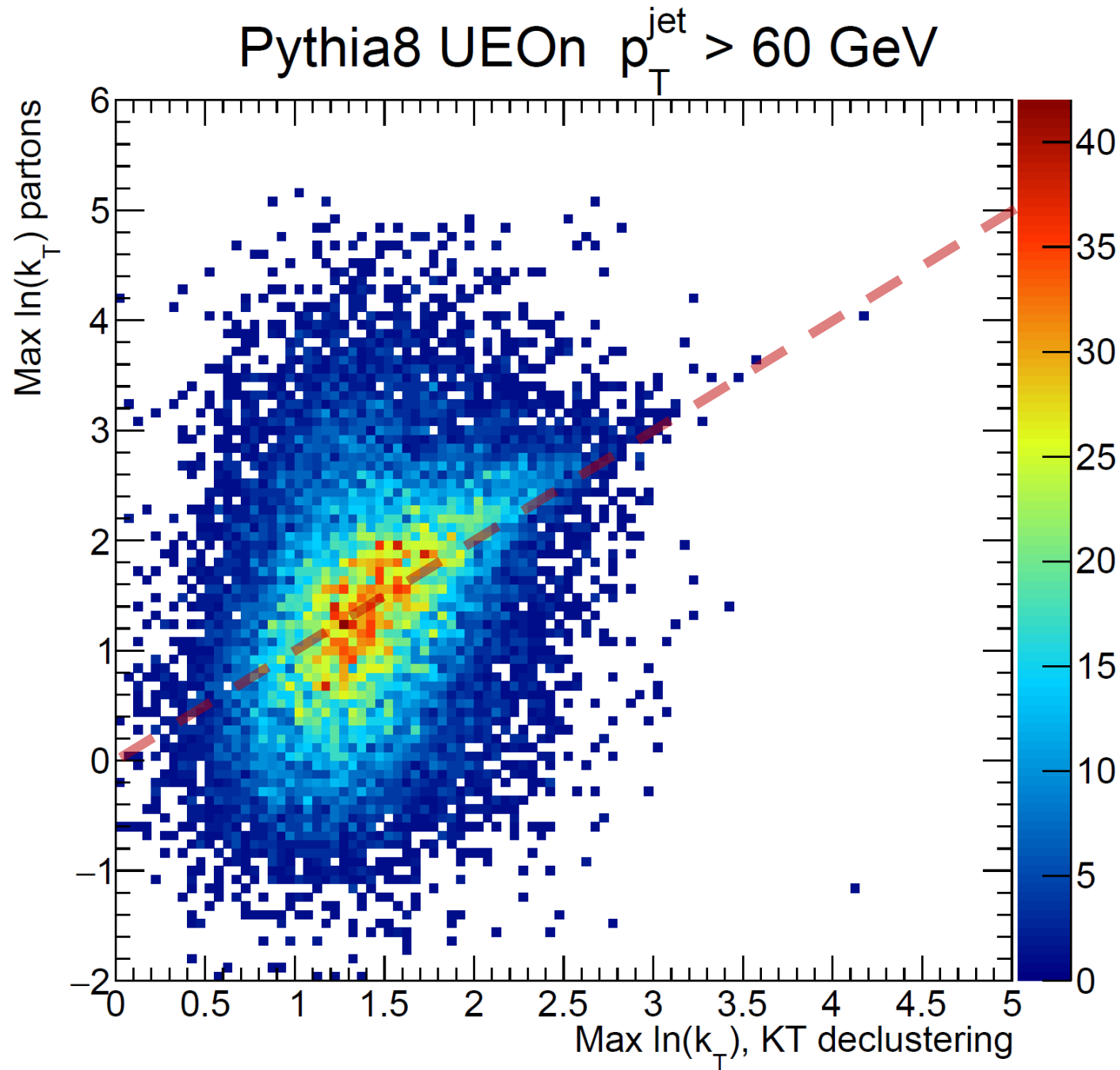
# Performance with $\hat{p}_T > 50$ GeV, Anti-KT



# Performance with $\hat{p}_T > 50$ GeV, CA

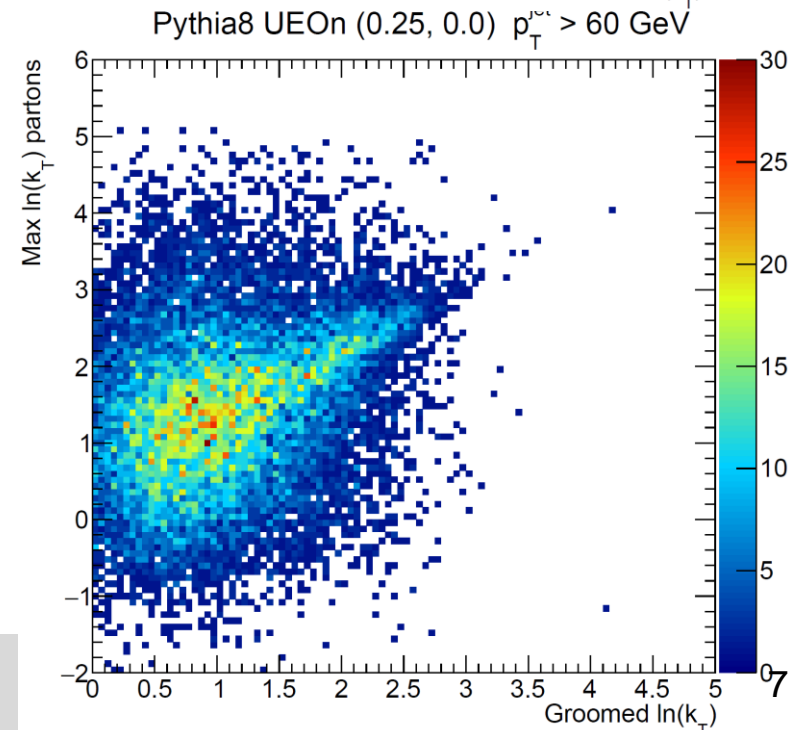
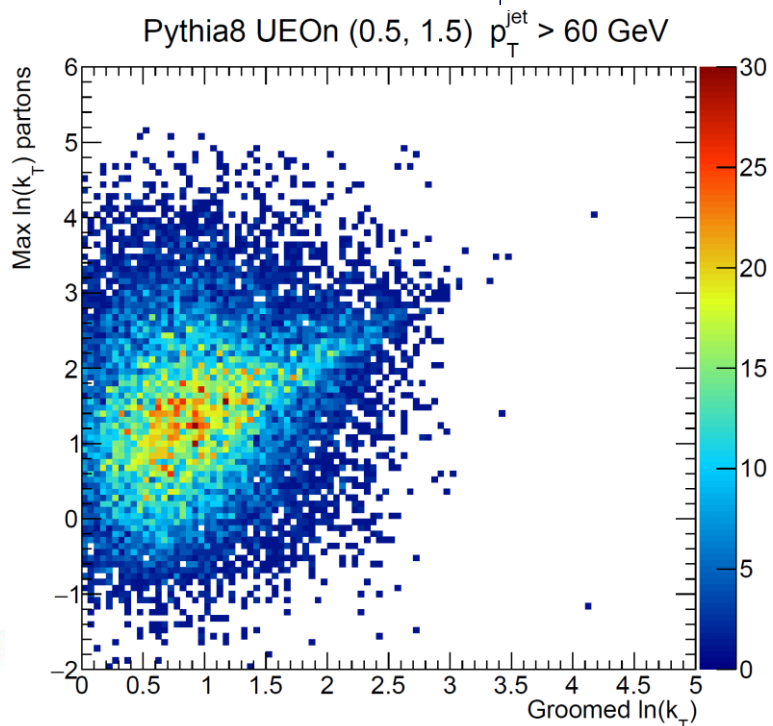
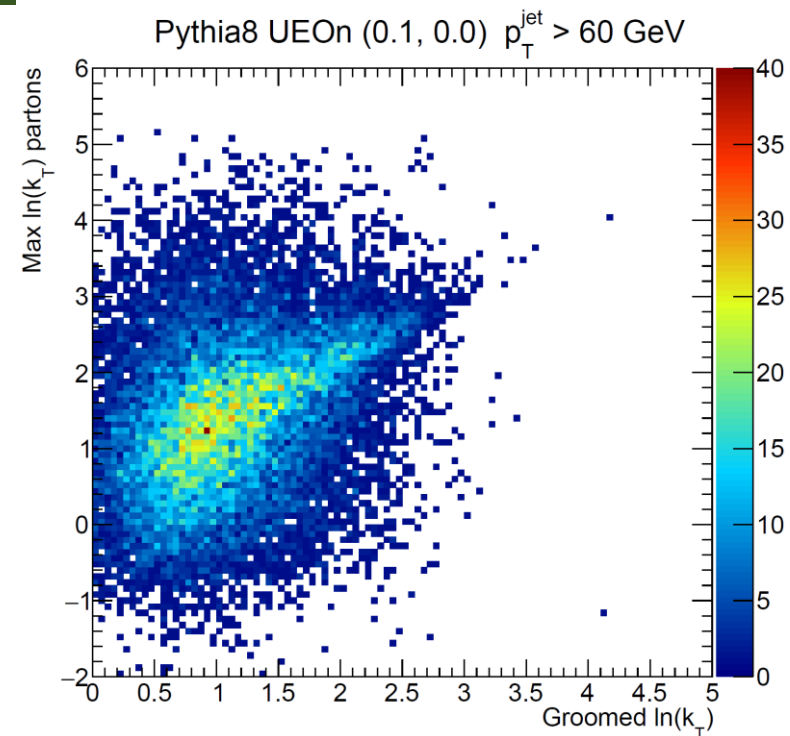
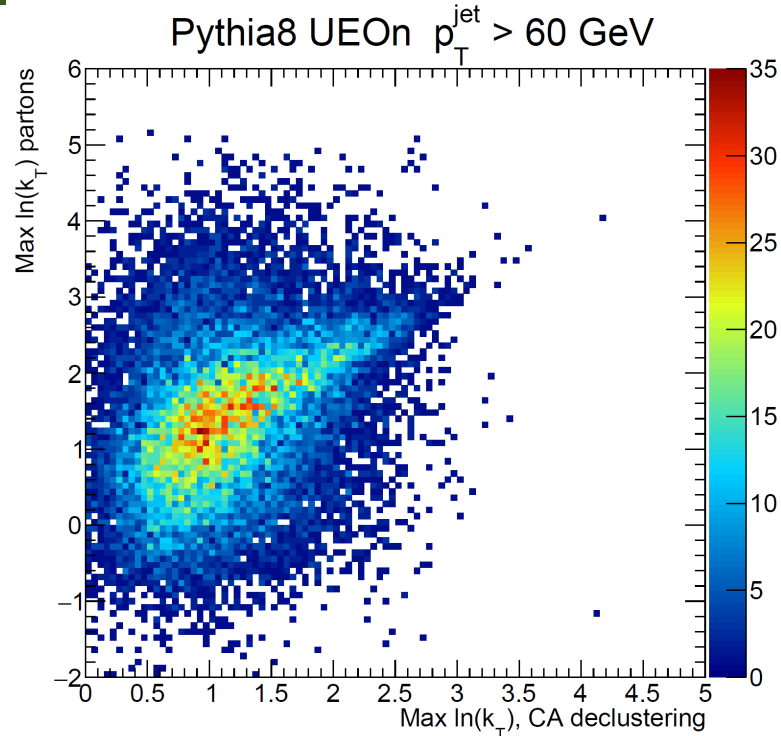


# Performance with $\hat{p}_T > 50$ GeV, KT

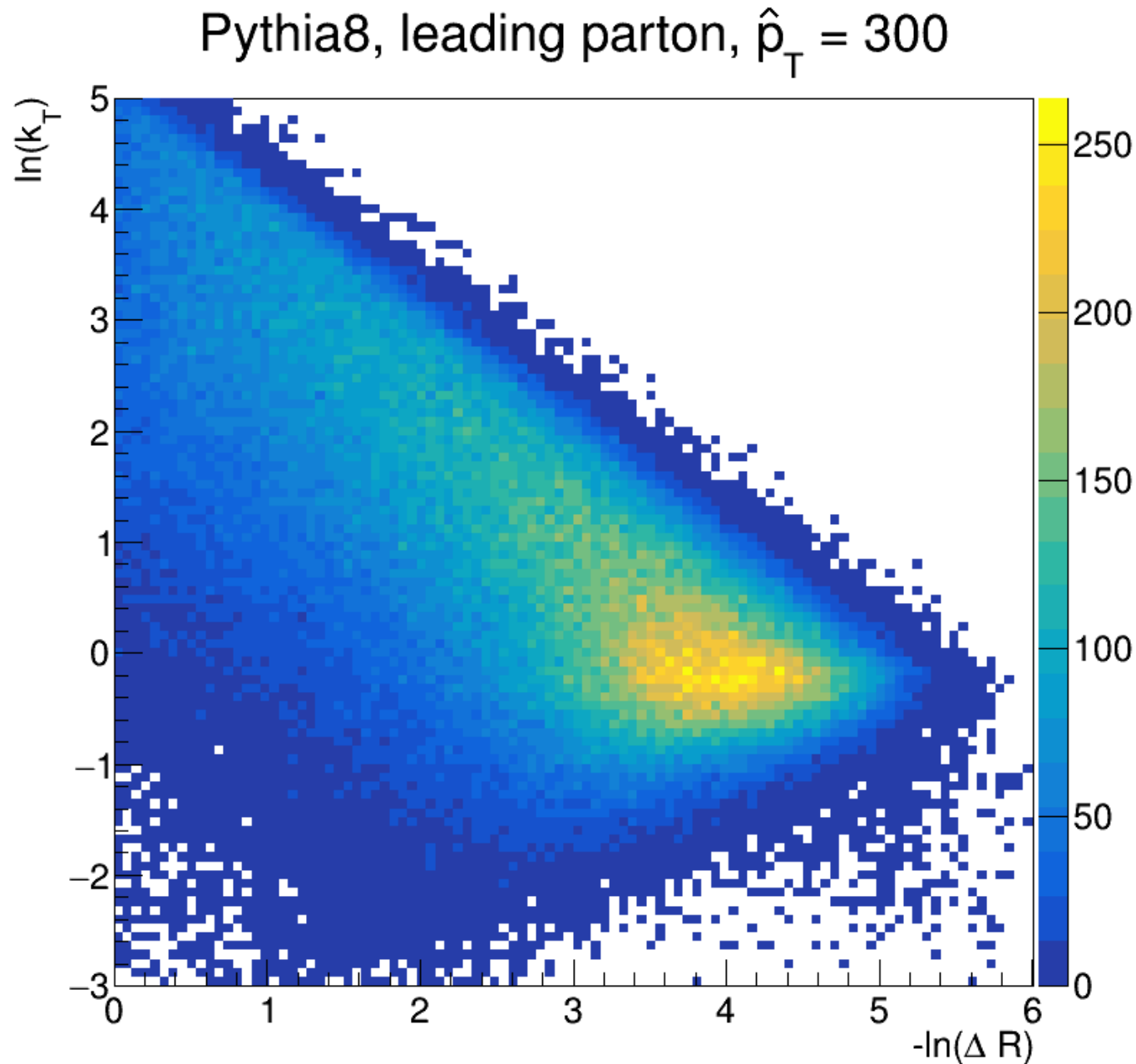




# Performance with $\hat{p}_T > 50$ GeV, CA



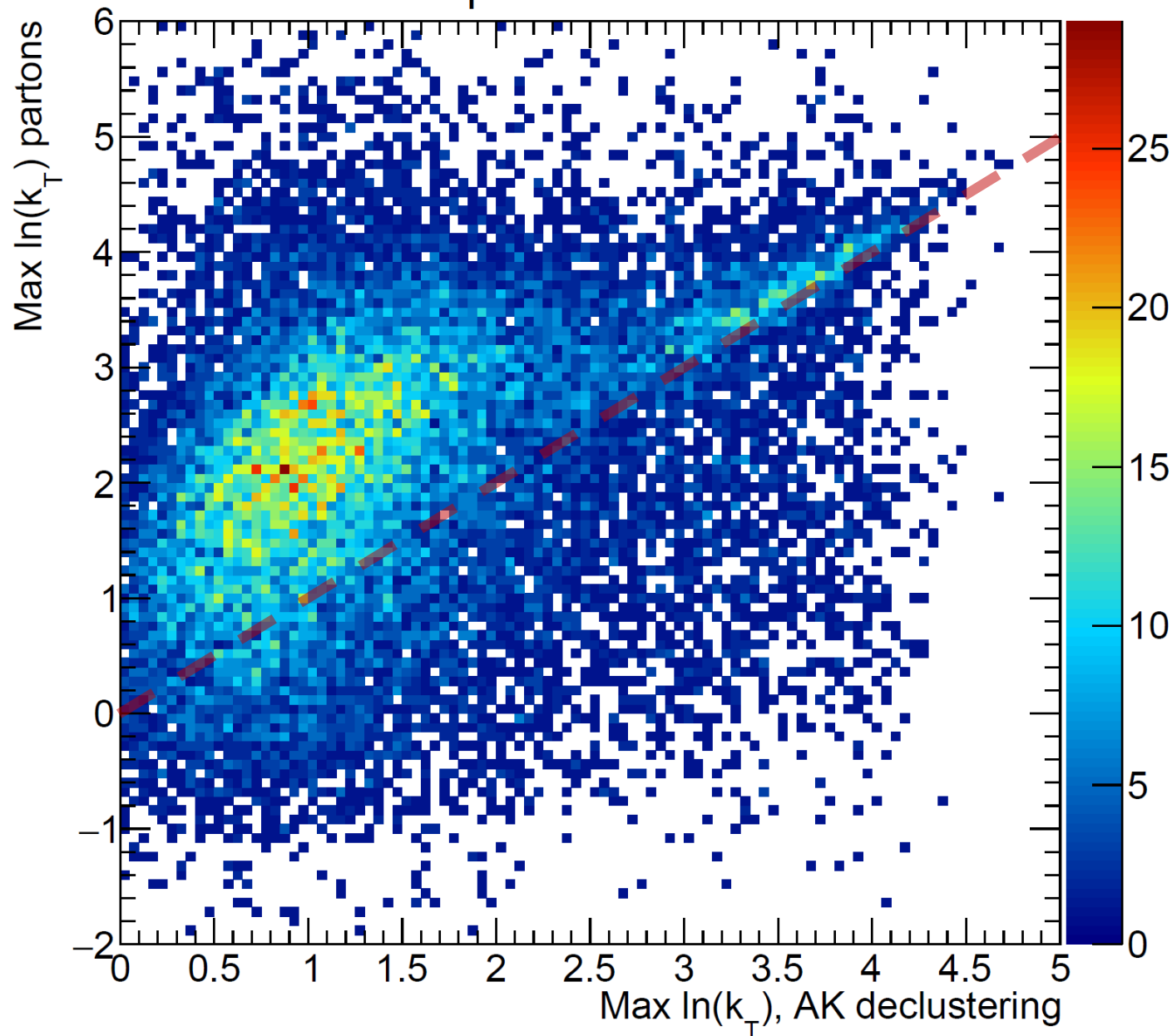
# Lund Diagram from Parton Shower





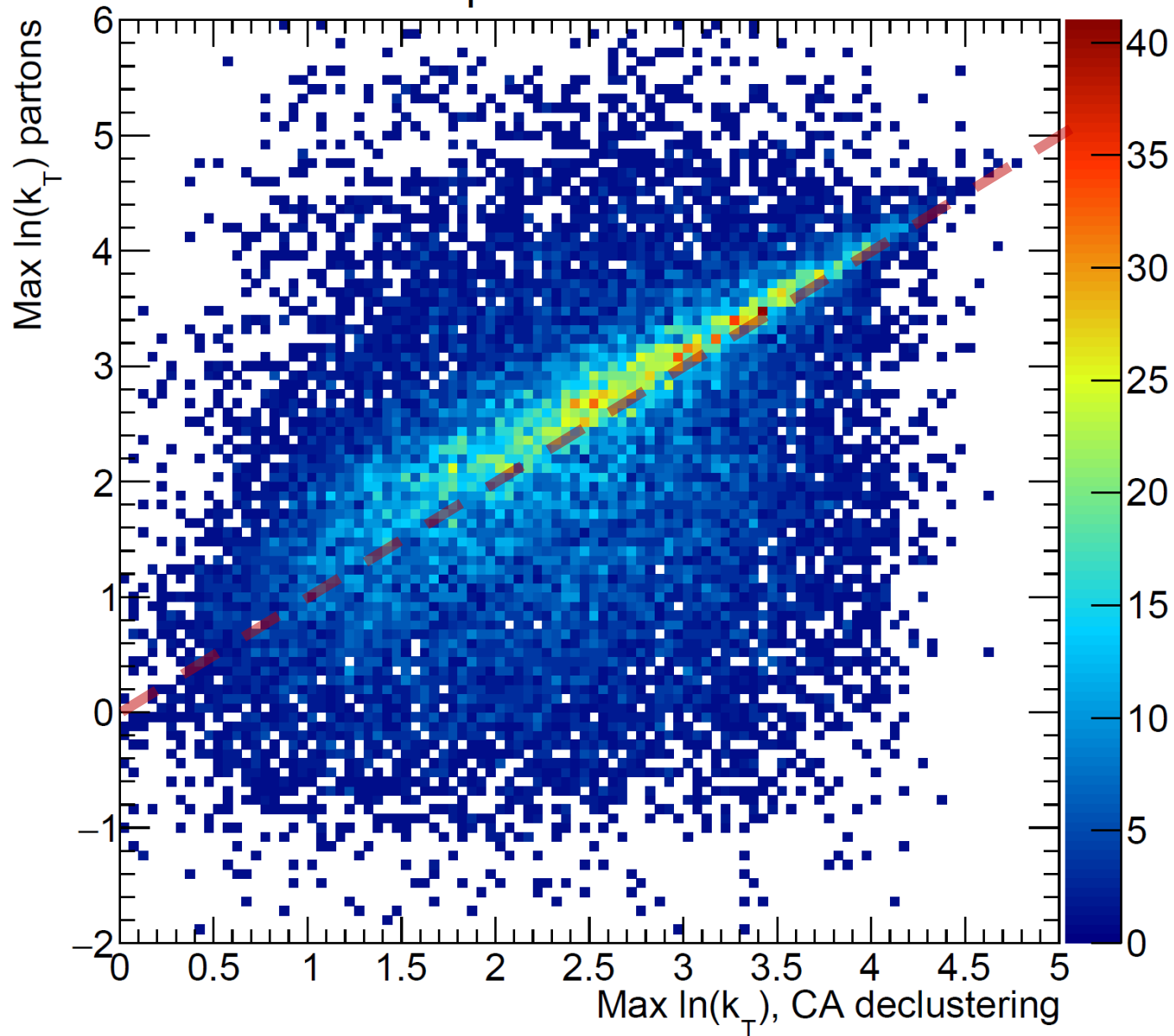
# PYTHIA $\hat{p}_T > 300$ GeV, Anti-KT

$p_T^{\text{jet}} > 350$  GeV



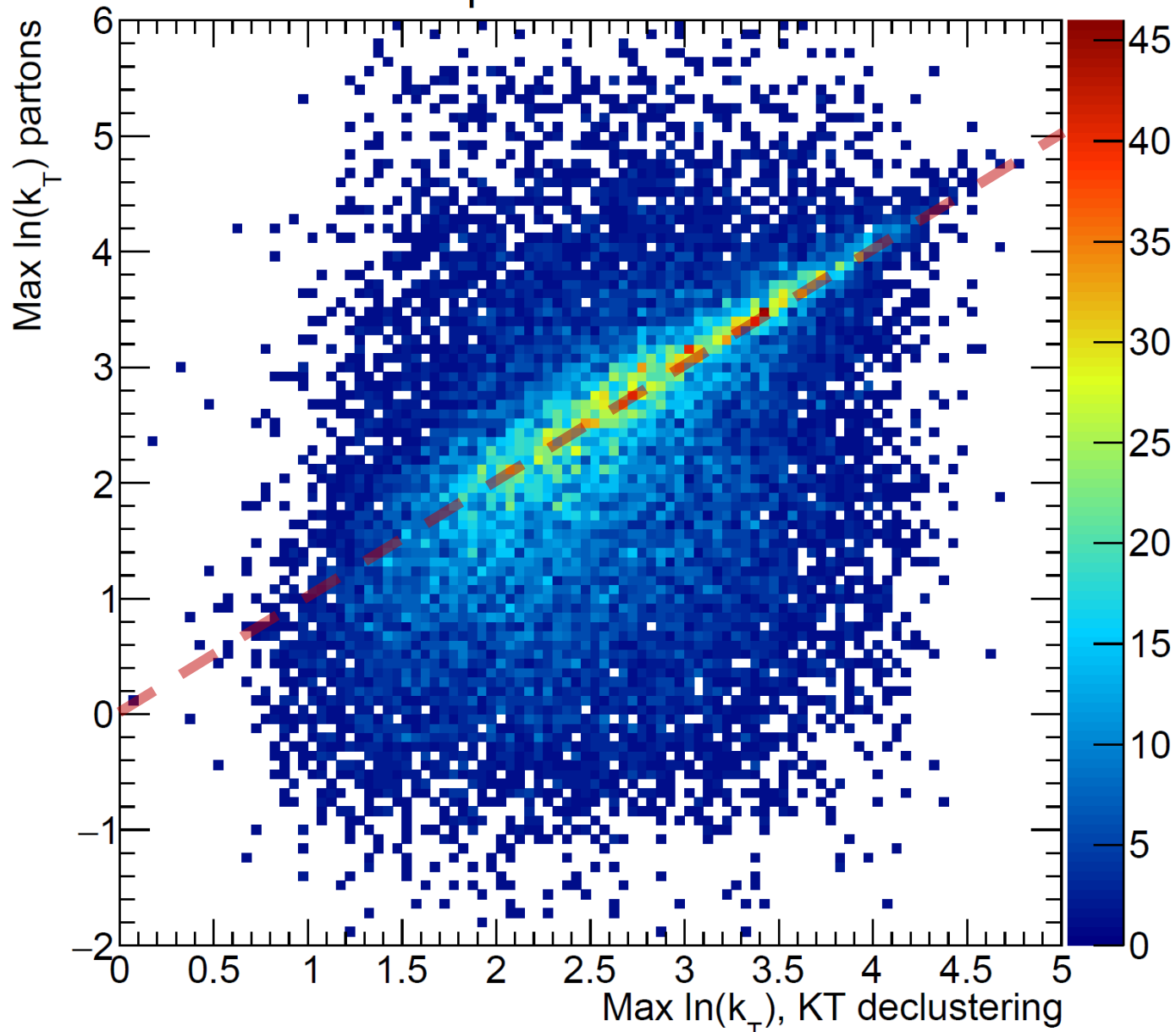
# PYTHIA $\hat{p}_T > 300$ GeV, CA

$p_T^{\text{jet}} > 350$  GeV



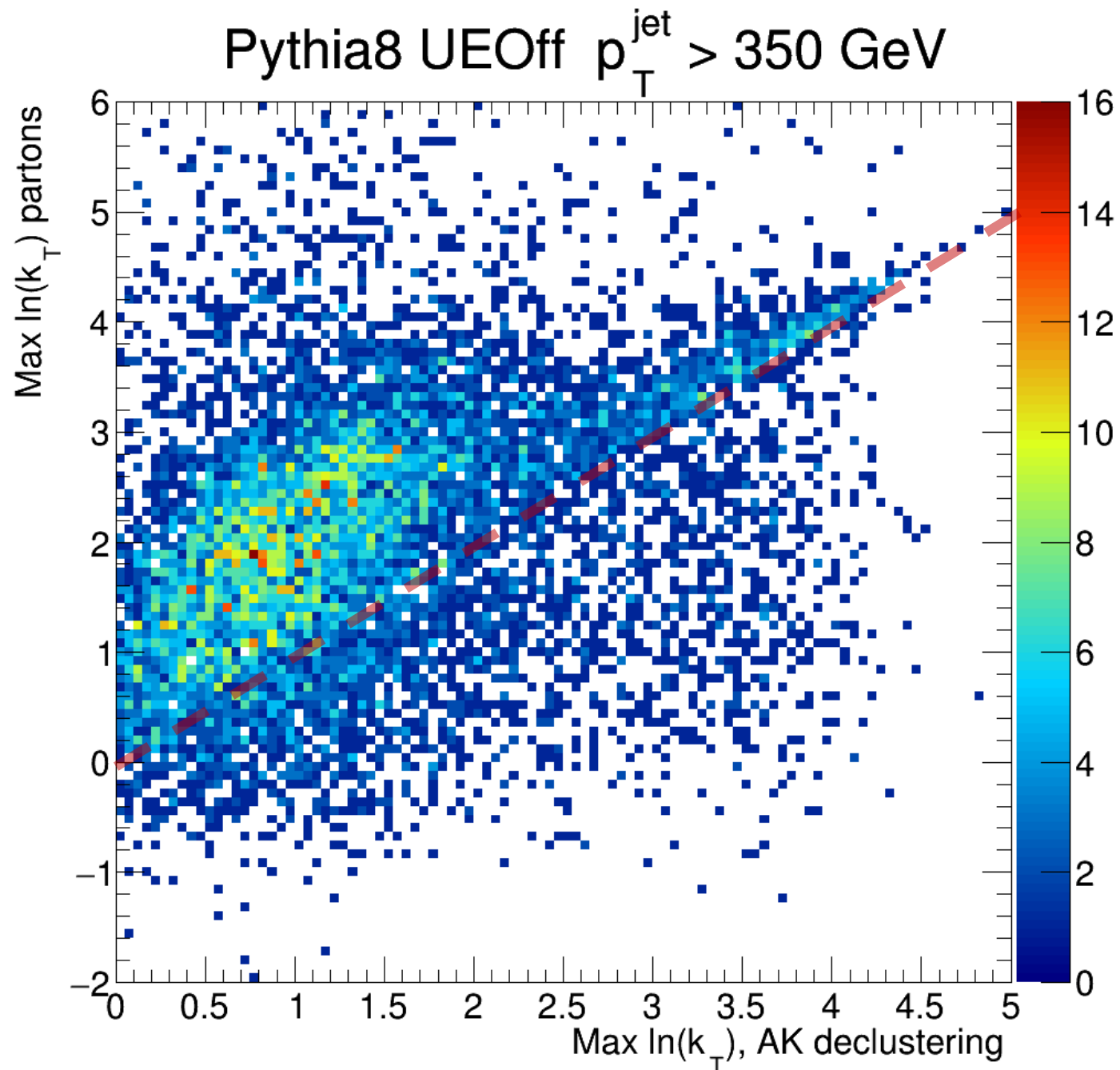
# PYTHIA $\hat{p}_T > 300$ GeV, KT

$p_T^{\text{jet}} > 350$  GeV

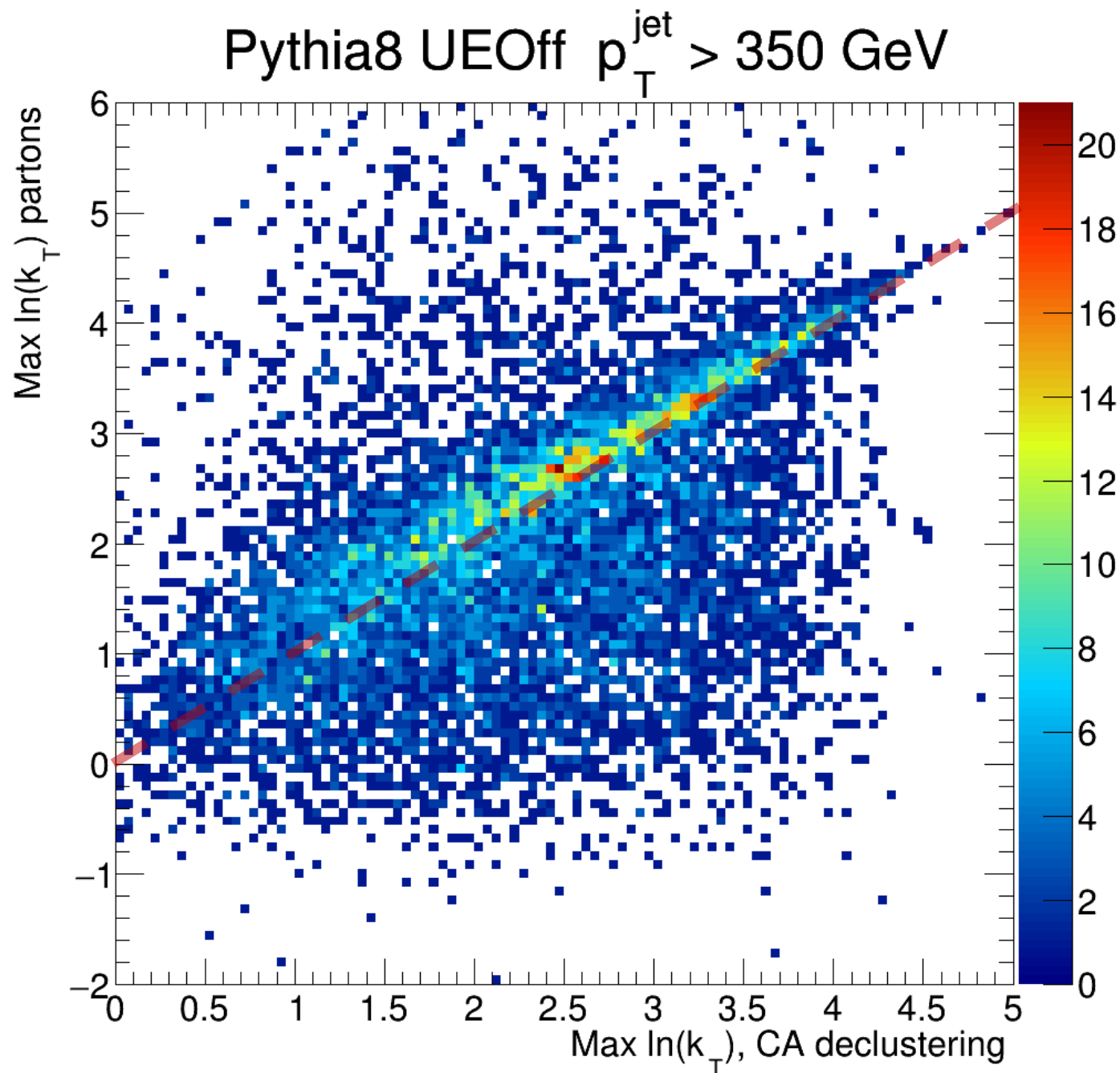


# UE Off

# PYTHIA $\hat{p}_T > 300$ GeV, Anti-KT

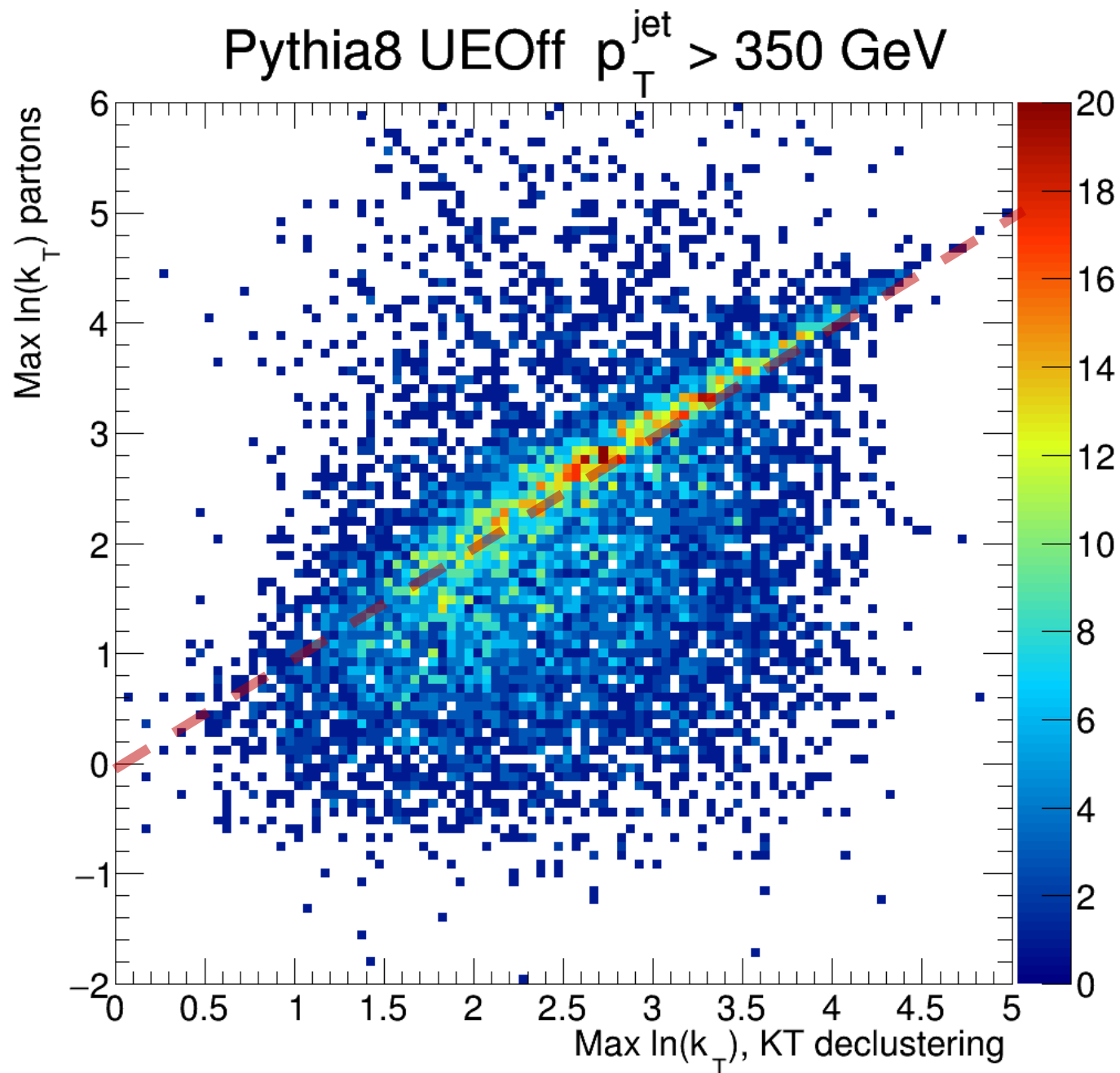


# PYTHIA $\hat{p}_T > 300$ GeV, CA



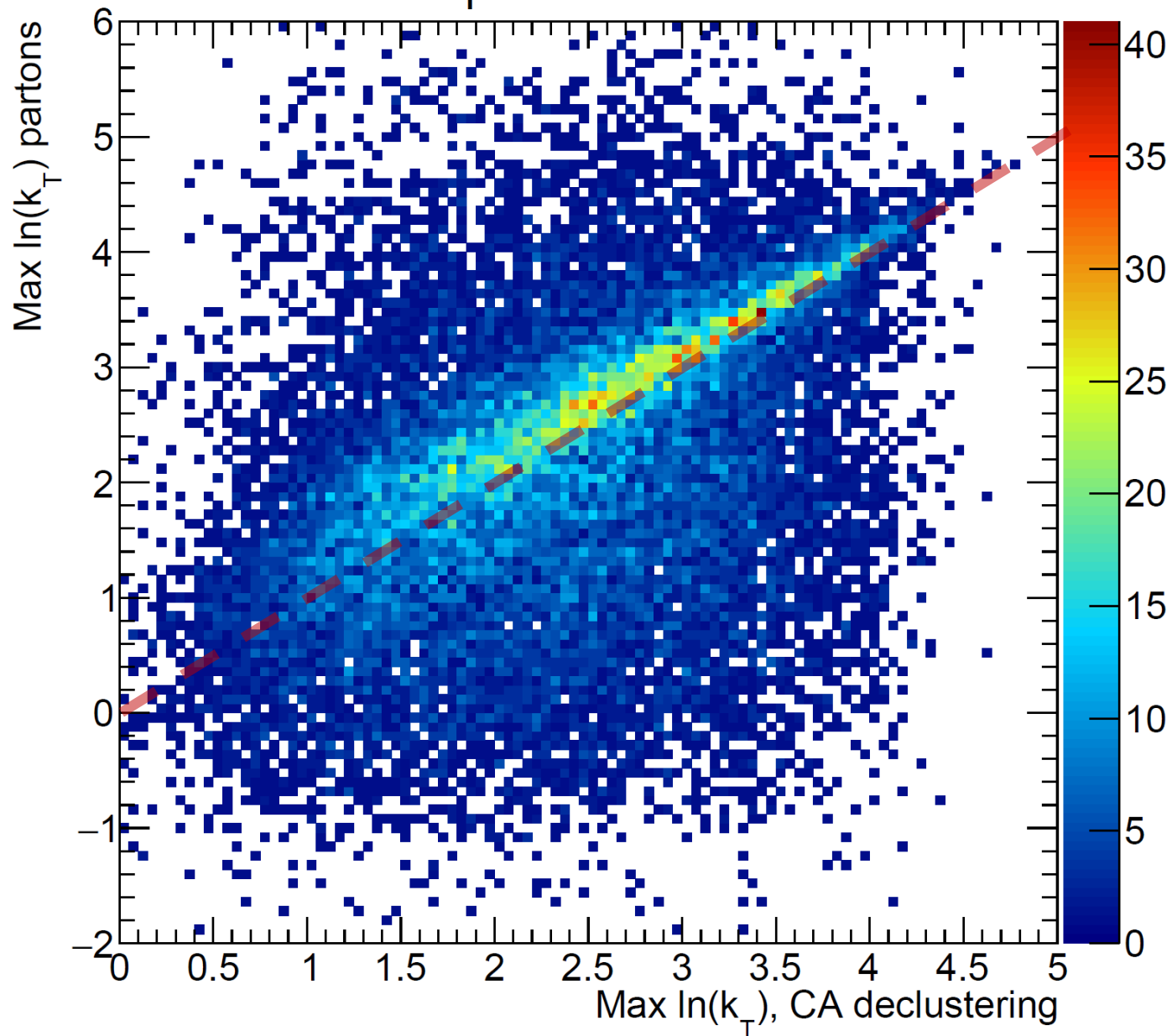


# PYTHIA $\hat{p}_T > 300$ GeV, KT



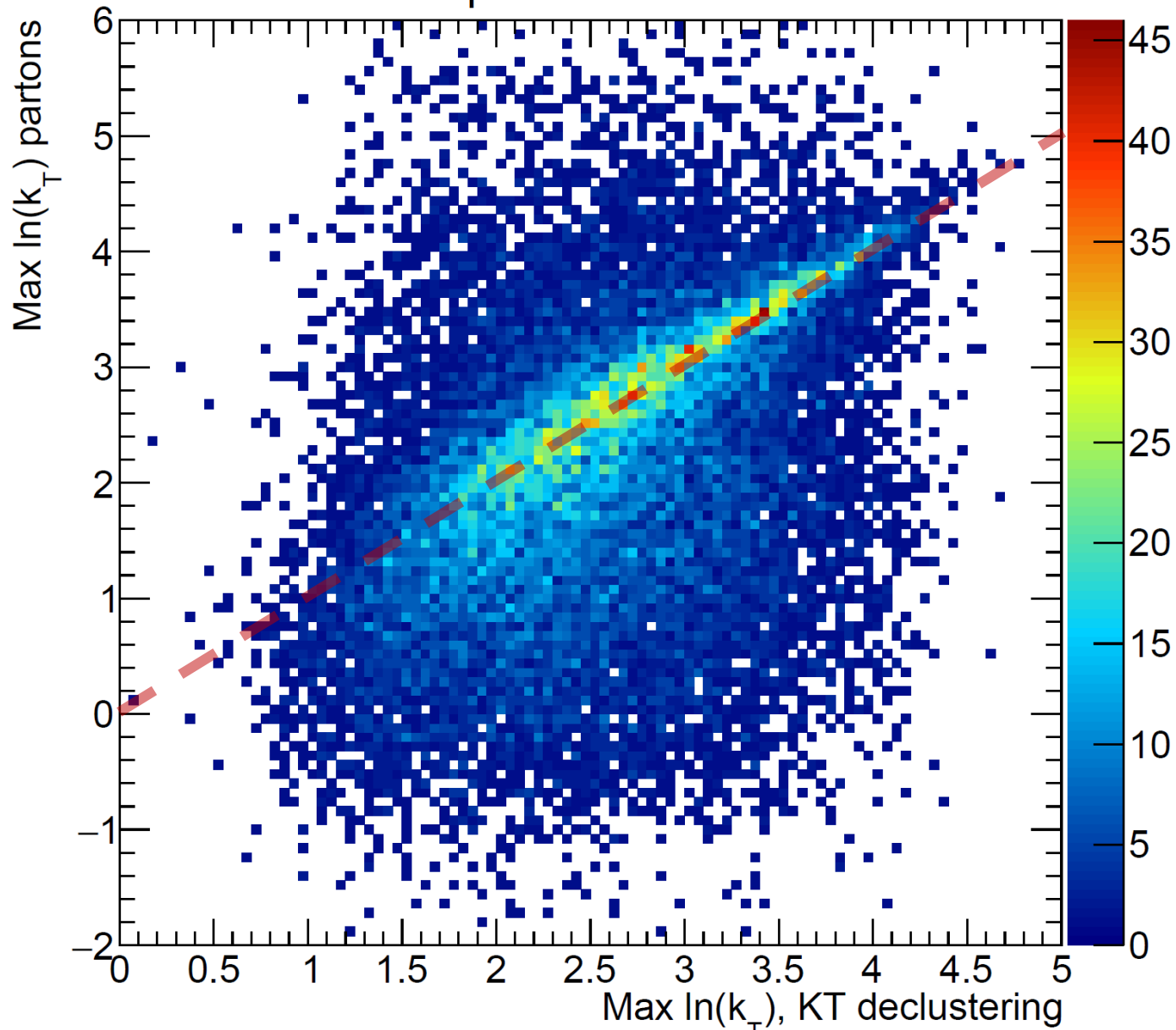
# PYTHIA $\hat{p}_T > 300$ GeV, CA

$p_T^{\text{jet}} > 350$  GeV



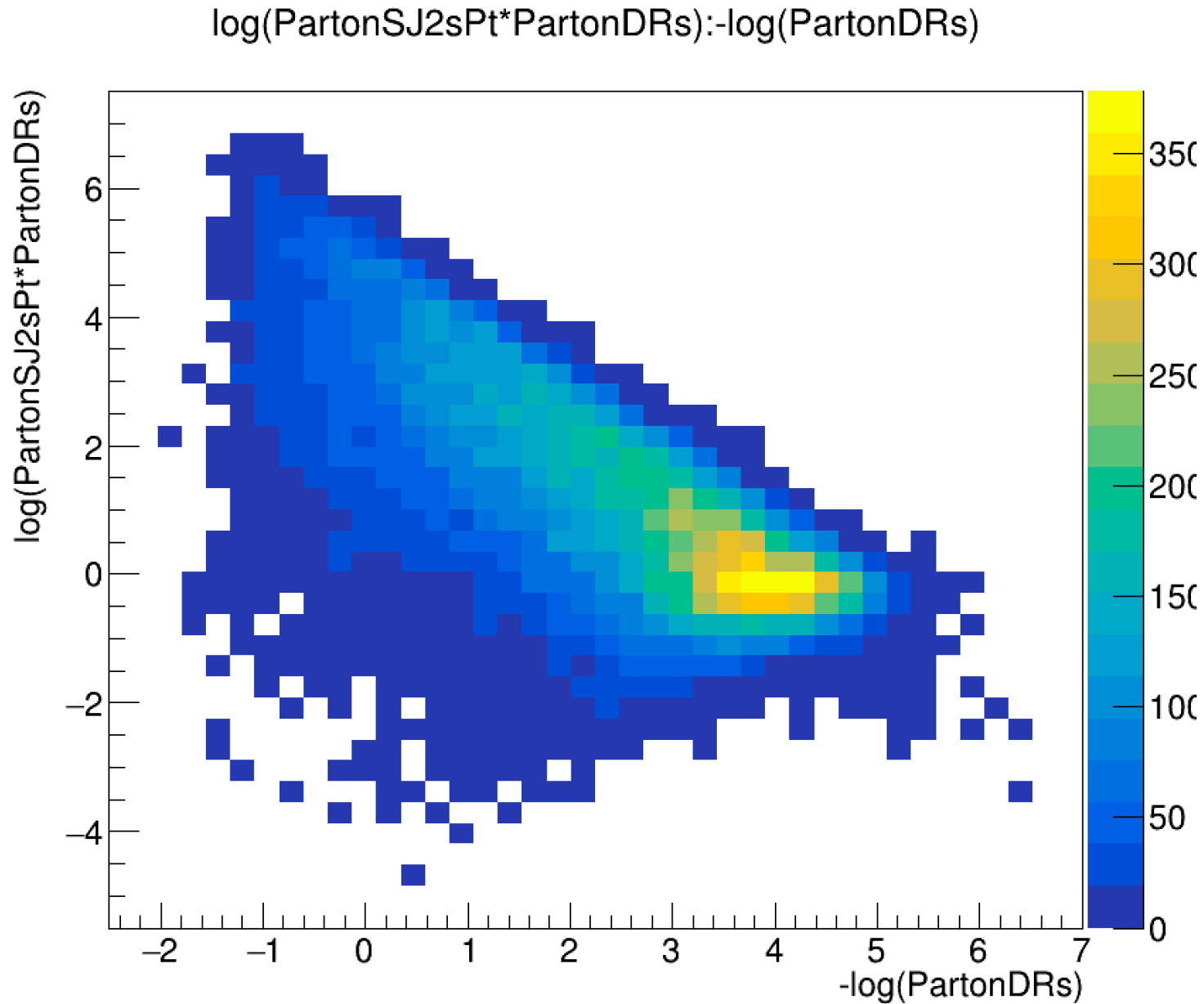
# PYTHIA $\hat{p}_T > 300$ GeV, KT

$p_T^{\text{jet}} > 350$  GeV

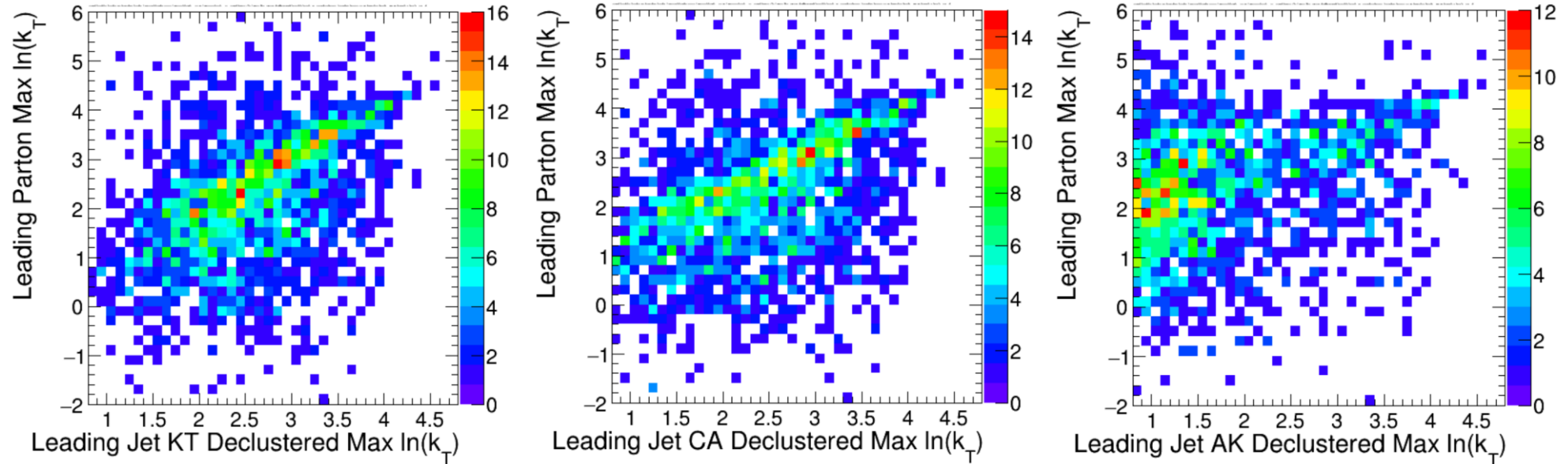


## Unbeautified plots

# Unbeautified Parton Level Lund Diagram

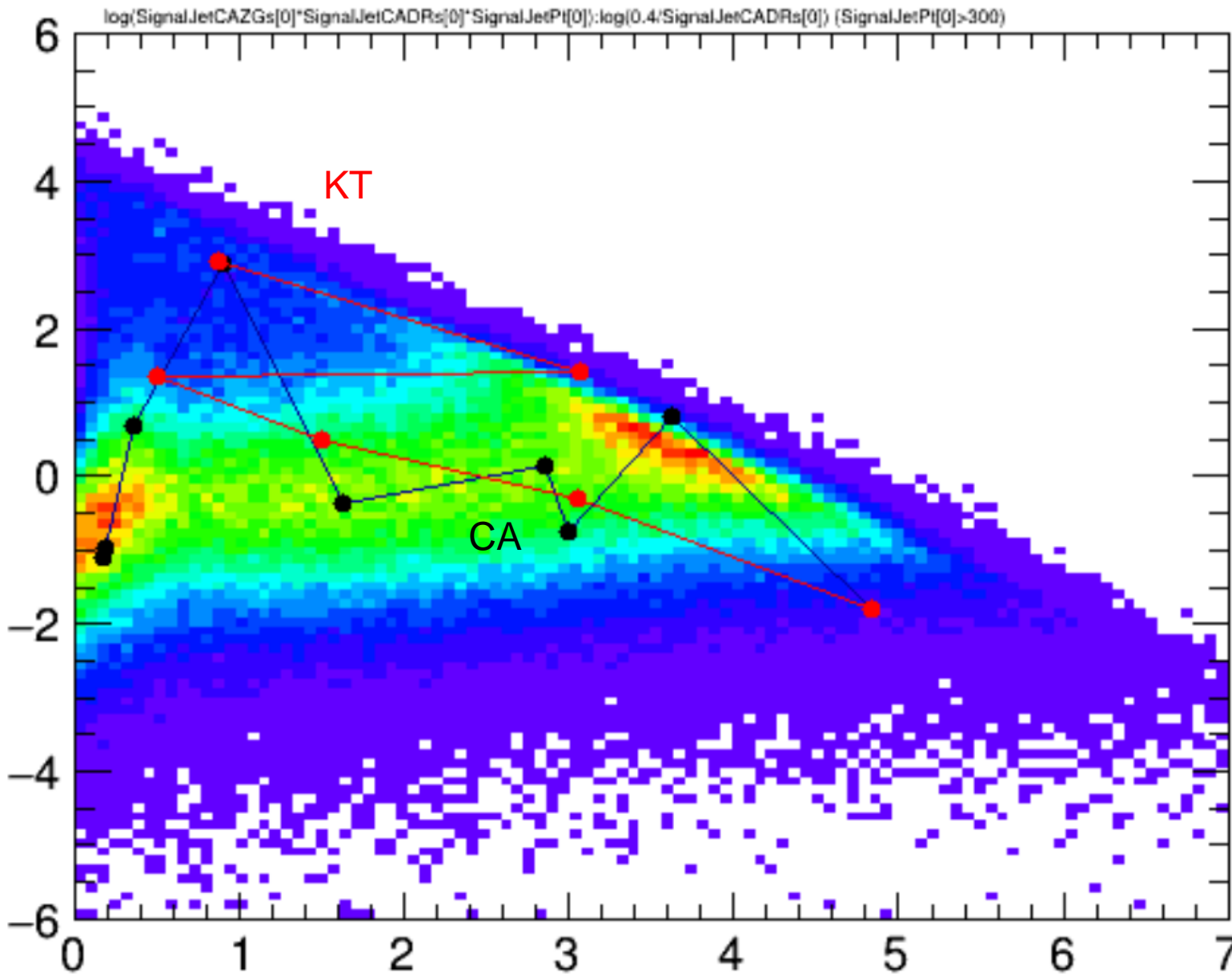


# With lower statistics in cross-check macro

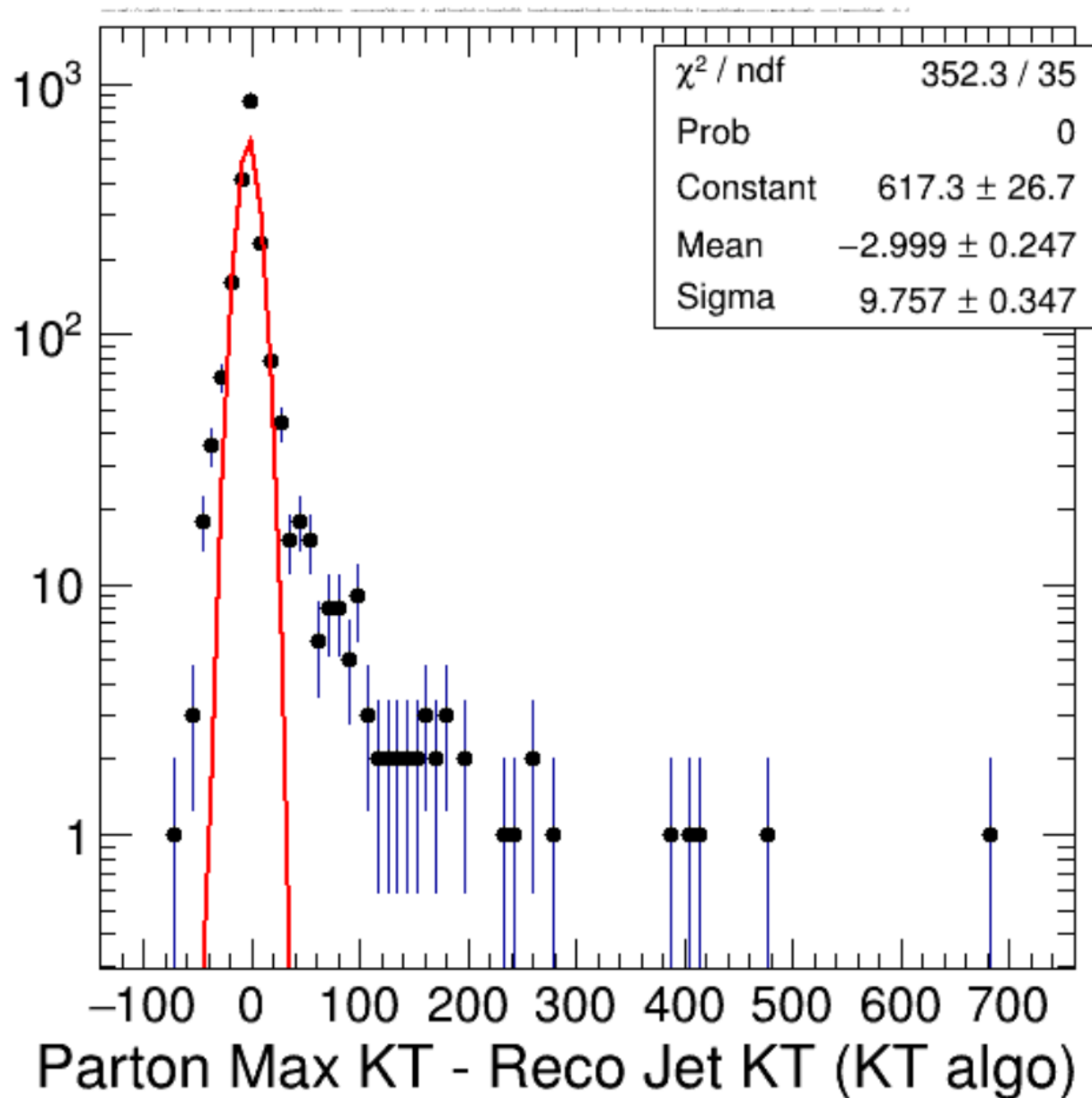




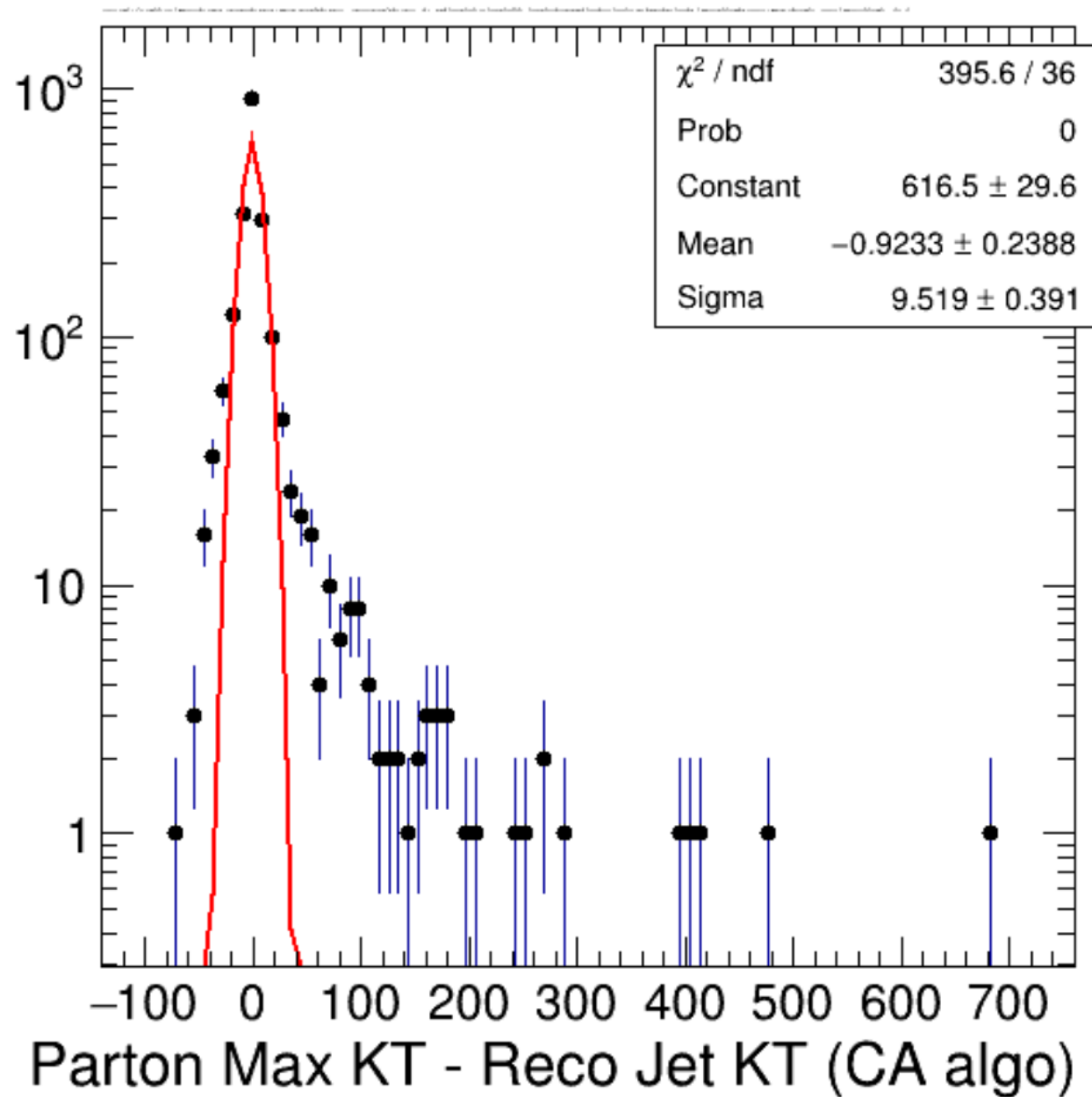
# Unbeautified bad plot



# Unbeautified resolution function



# Unbeautified resolution function



# Unbeautified resolution function

