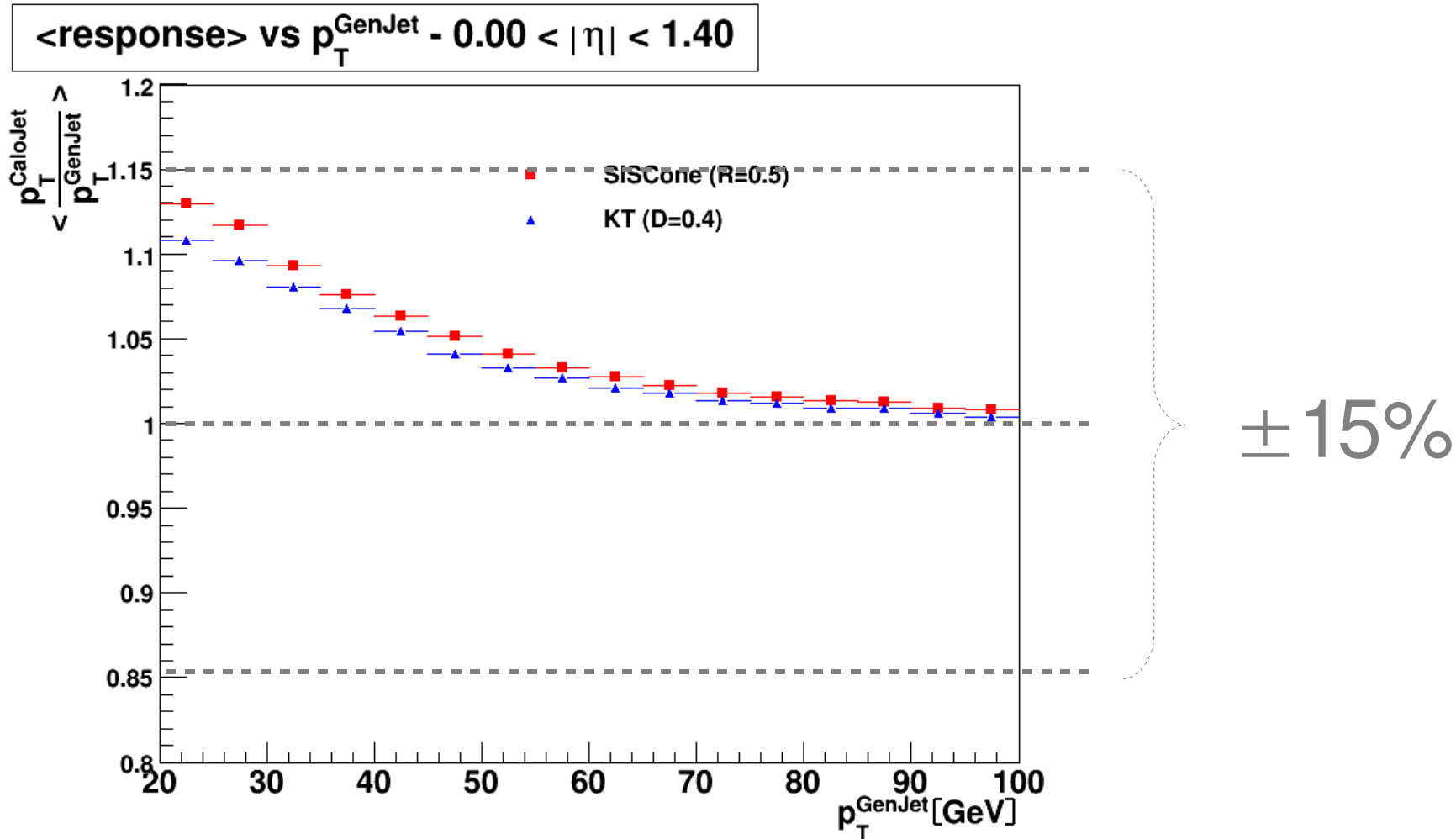
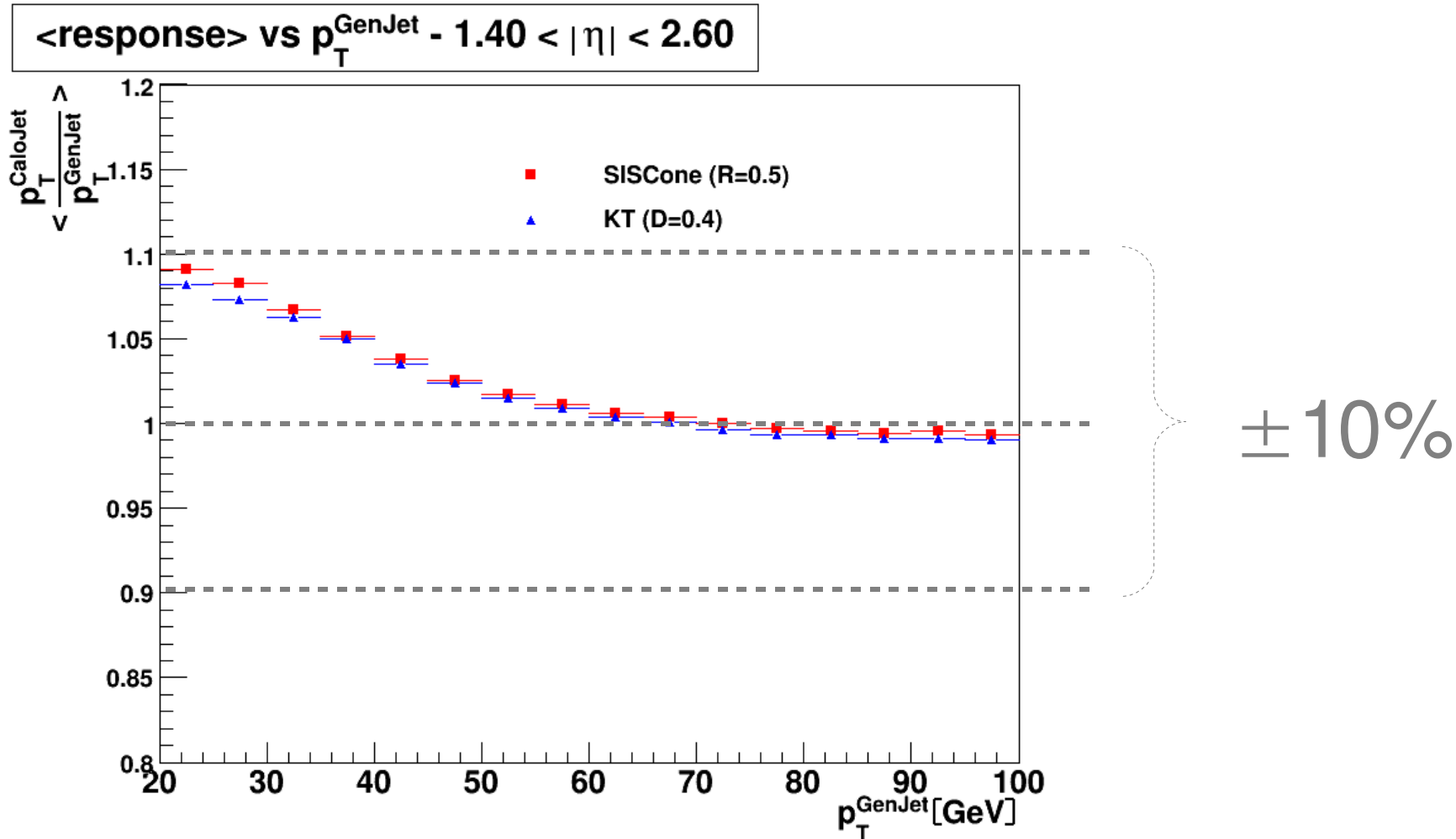


# $\langle \text{Response} \rangle$ vs $p_T^{\text{Gen}} - |\eta| \in [0.0, 1.4]$



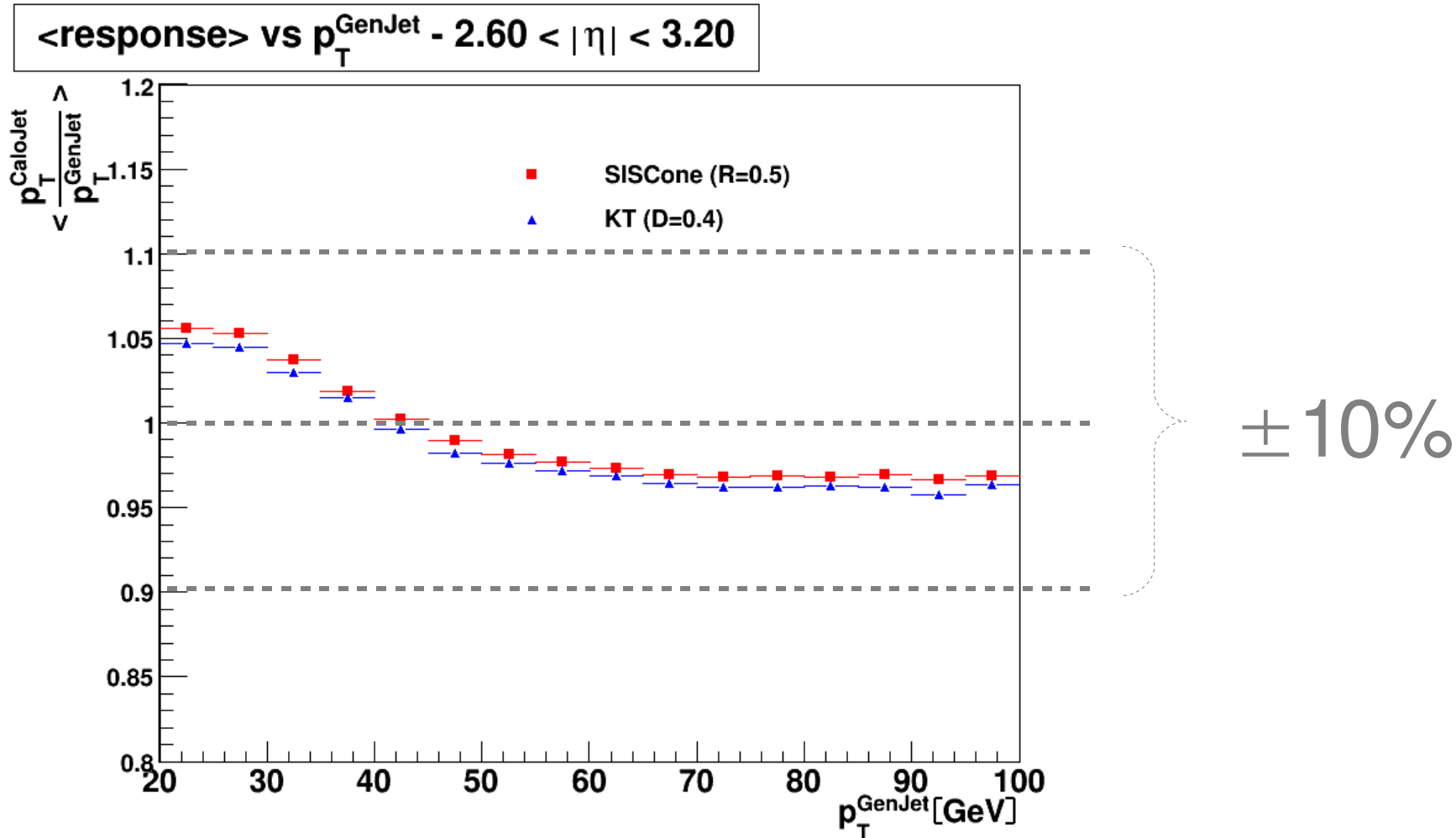
- Response versus  $p_T^{\text{Gen}}$  NOT flat.
- $\sim 13\%$  for SC5  $\sim 11\%$  for KT4 (low  $p_T$ ) and  $\sim 2\text{-}3\%$  for SC5 and KT4 (high  $p_T$ )

# $\langle \text{Response} \rangle$ vs $p_T^{\text{Gen}} - |\eta| \in [1.4, 2.6]$



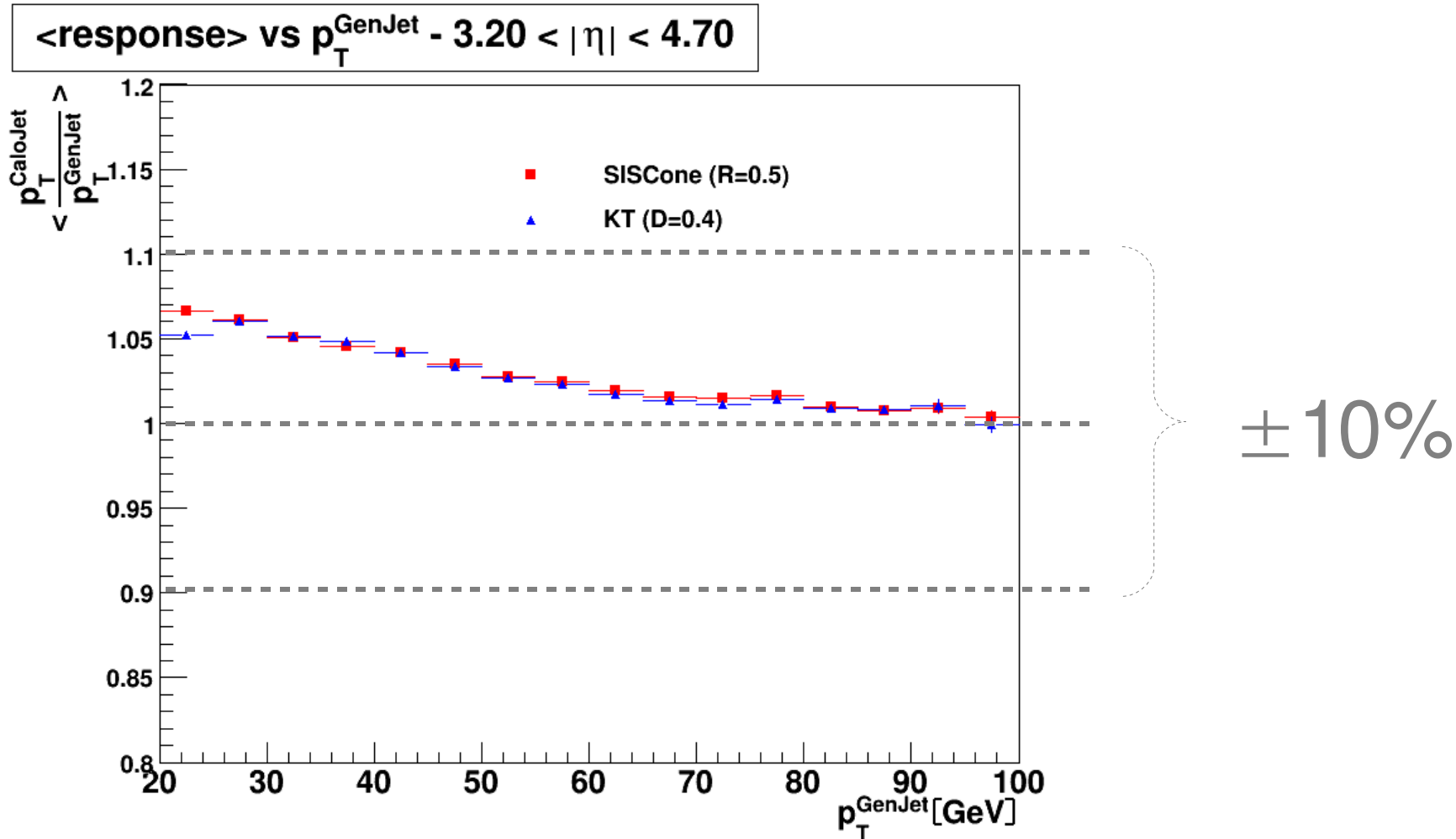
- Response versus  $p_T^{\text{Gen}}$  NOT flat.
- ~10% for SC5 ~9% for KT4 (low  $p_T$ ) and ~2-3% for SC5 and KT4 (high  $p_T$ )

# $\langle \text{Response} \rangle$ vs $p_T^{\text{Gen}} - |\eta| \in [2.6, 3.2]$



- Response versus  $p_T^{\text{Gen}}$  NOT flat.
- ~6% for SC5 ~5% for KT4 (low  $p_T$ ) and ~3-4% for SC5 and KT4 (high  $p_T$ )

# $\langle \text{Response} \rangle$ vs $p_T^{\text{Gen}} - |\eta| \in [3.2, 4.7]$



- Response versus  $p_T^{\text{Gen}}$  NOT flat.
- ~7% for SC5 ~5% for KT4 (low  $p_T$ ) and ~2-3% for SC5 and KT4 (high  $p_T$ )