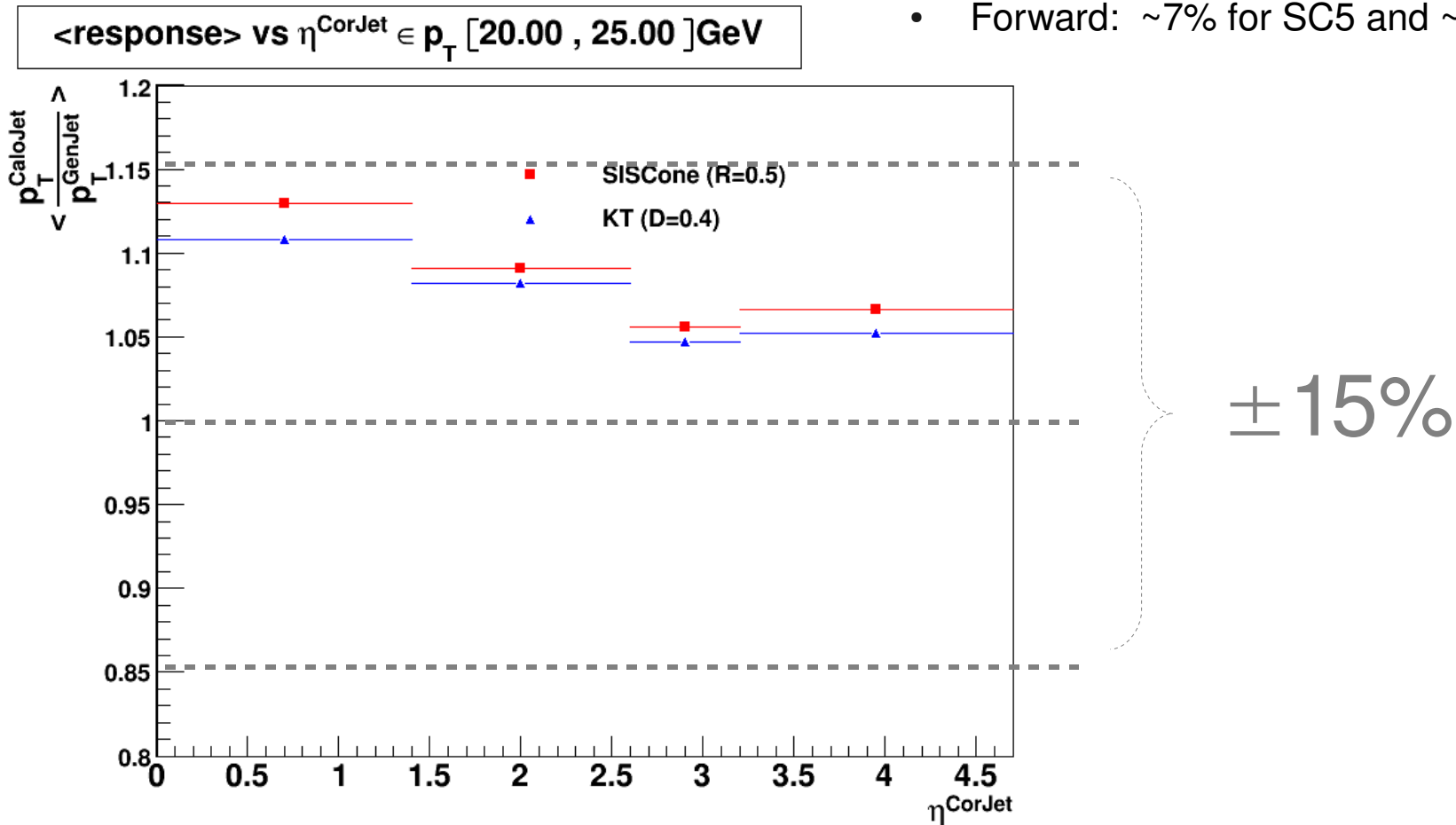


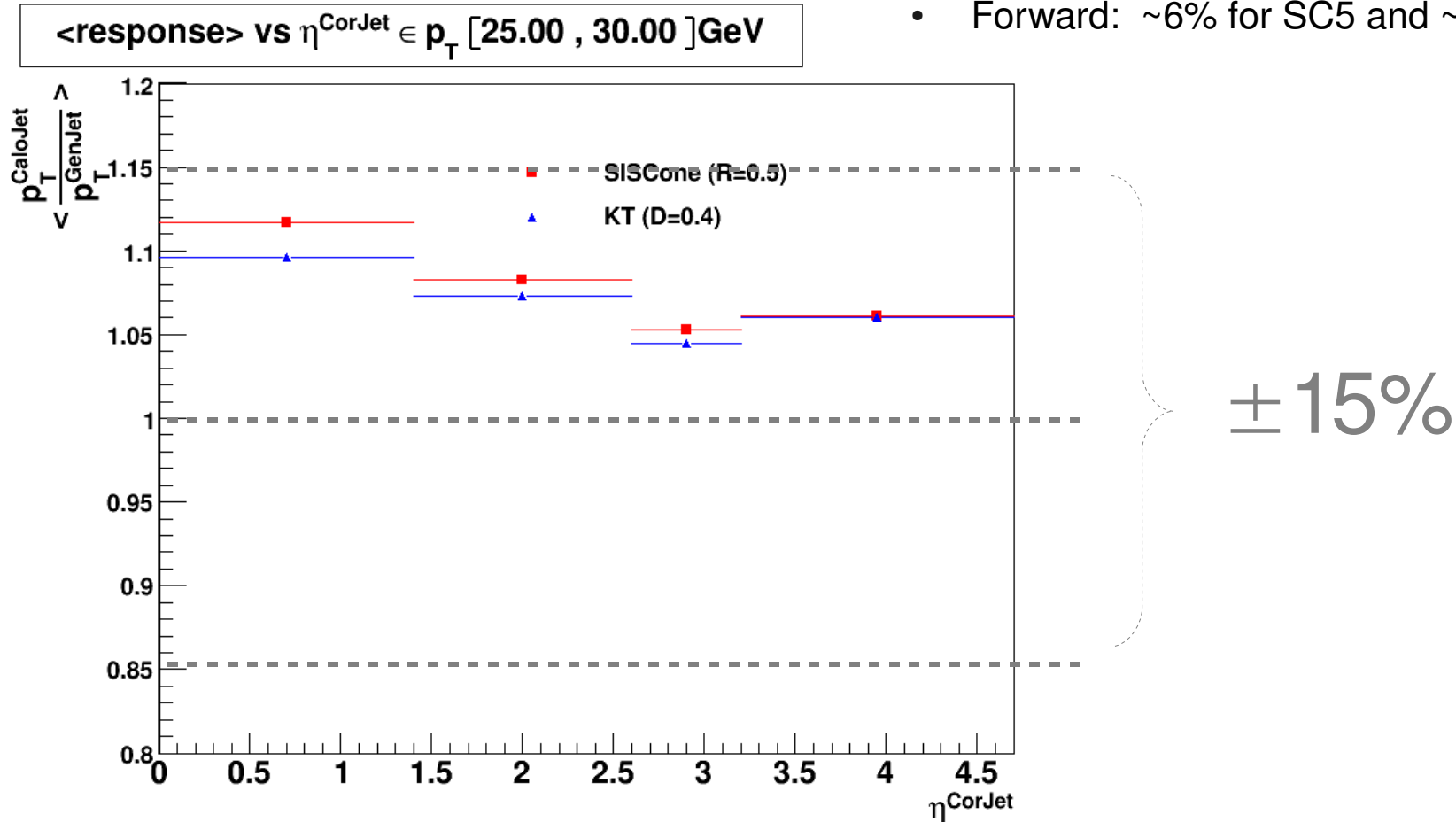
$\langle \text{Response} \rangle$ vs $|\eta| - p_T^{\text{Gen}} \in [20., 25.] \text{ GeV}$

- Response versus NOT flat.
 - Barrel: ~13% for SC5 and ~11% for KT4;
 - Endcaps: ~10% for SC5 and ~9% for KT4;
 - Transition region: ~6% for SC5 and ~5% for KT4;
 - Forward: ~7% for SC5 and ~5% for KT4



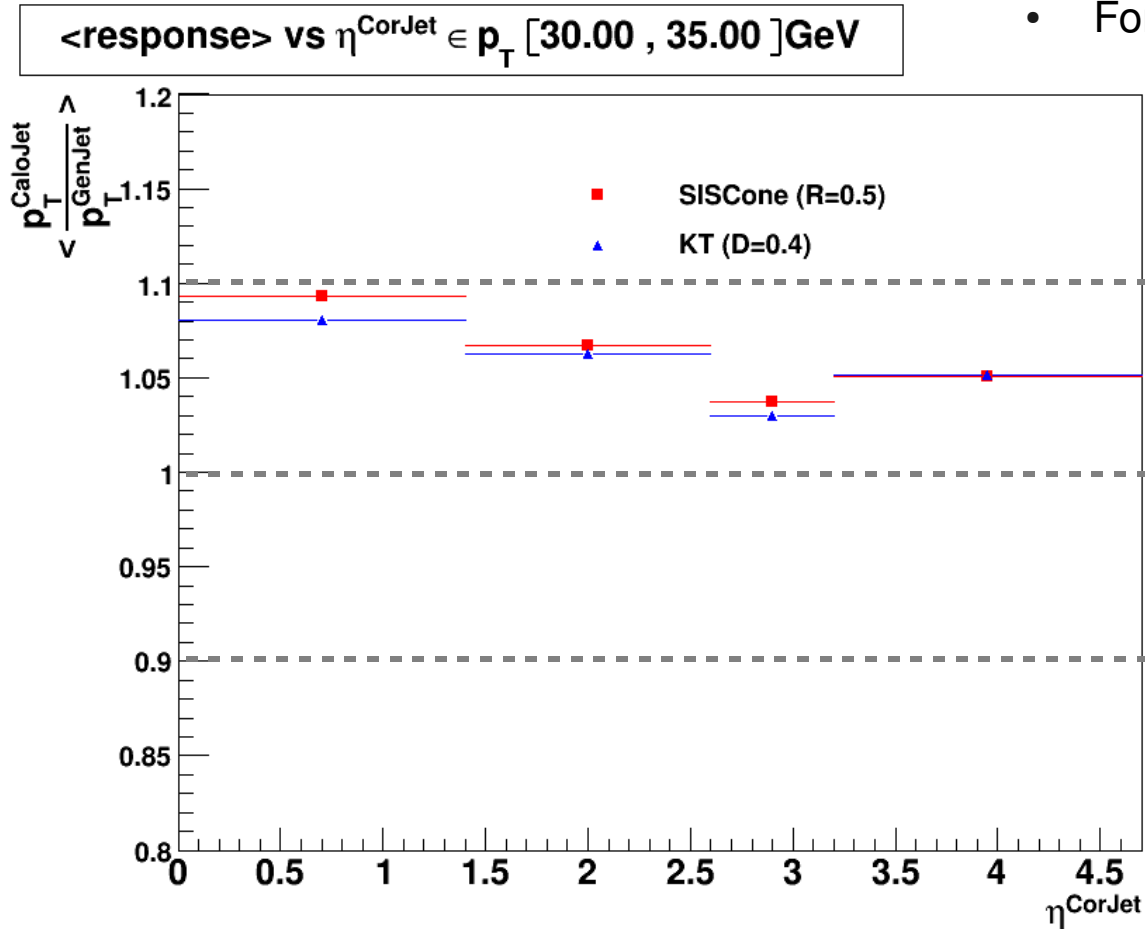
$\langle \text{Response} \rangle$ vs $|\eta| - p_T^{\text{Gen}} \in [25., 30.] \text{ GeV}$

- Response versus NOT flat.
 - Barrel: ~12% for SC5 and ~10% for KT4;
 - Endcaps: ~8% for SC5 and ~7% for KT4;
 - Transition region: ~5% for SC5 and ~4% for KT4;
 - Forward: ~6% for SC5 and ~5% KT4



$\langle \text{Response} \rangle$ vs $|\eta| - p_T^{\text{Gen}} \in [30., 35.] \text{ GeV}$

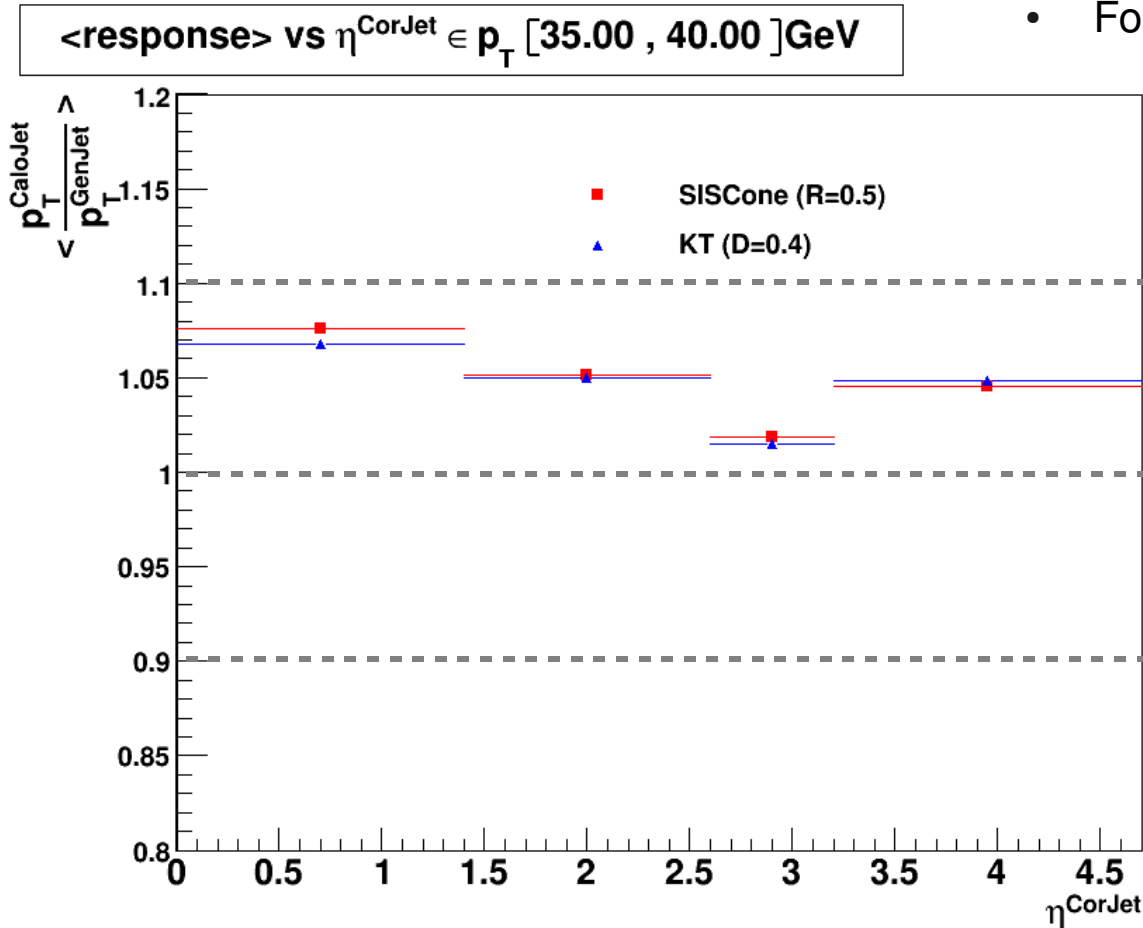
- Response versus NOT flat.
 - Barrel: ~9% for SC5 and ~8% for KT4;
 - Endcaps: ~7% for SC5 and ~6% for KT4;
 - Transition region: ~4% for SC5 and ~3% for KT4;
 - Forward: ~5% for SC5 and KT4



$\pm 10\%$

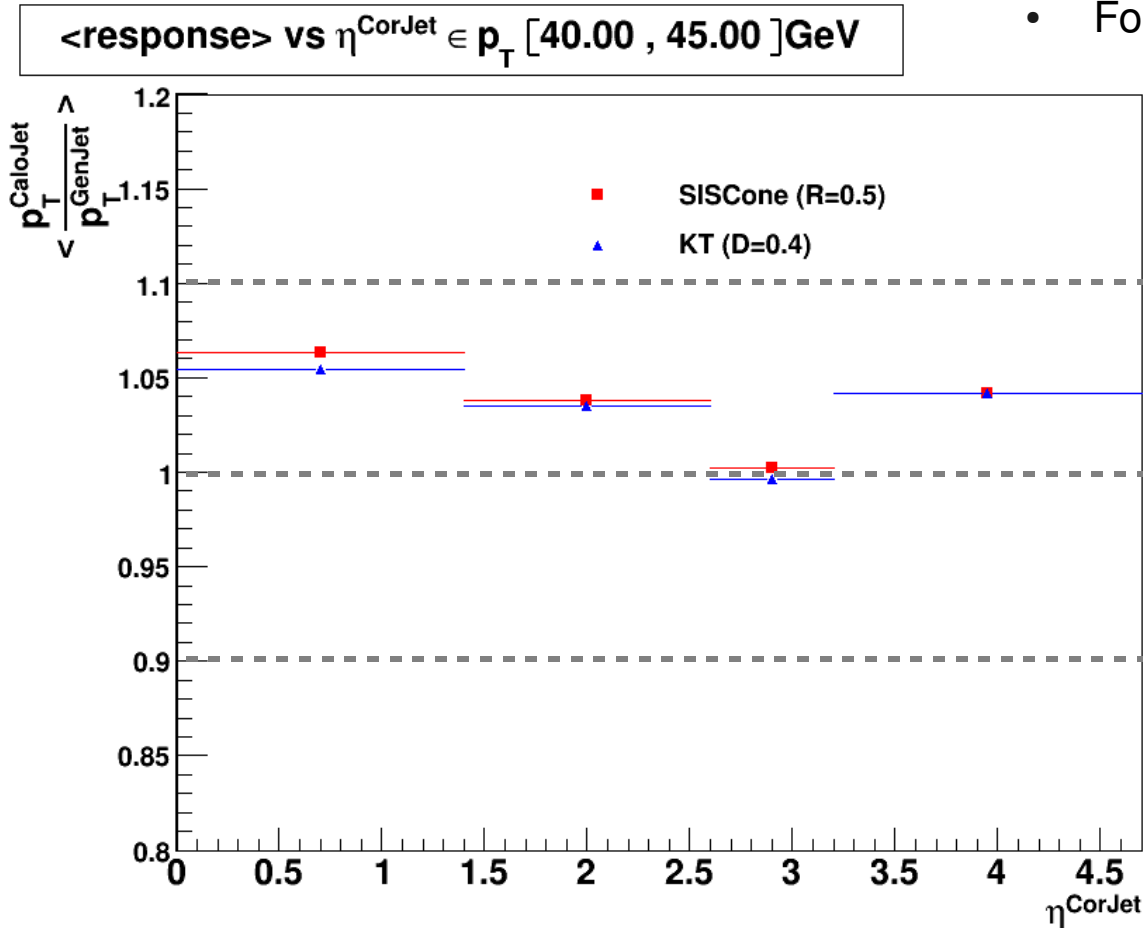
$\langle \text{Response} \rangle$ vs $|\eta| - p_T^{\text{Gen}} \in [35., 40.] \text{ GeV}$

- Response versus NOT flat.
 - Barrel: ~8% for SC5 and ~7% for KT4;
 - Endcaps: ~5% for SC5 and KT4;
 - Transition region: ~2% for SC5 and KT4;
 - Forward: ~4% for SC5 and KT4



$\langle \text{Response} \rangle$ vs $|\eta| - p_T^{\text{Gen}} \in [40., 45.] \text{ GeV}$

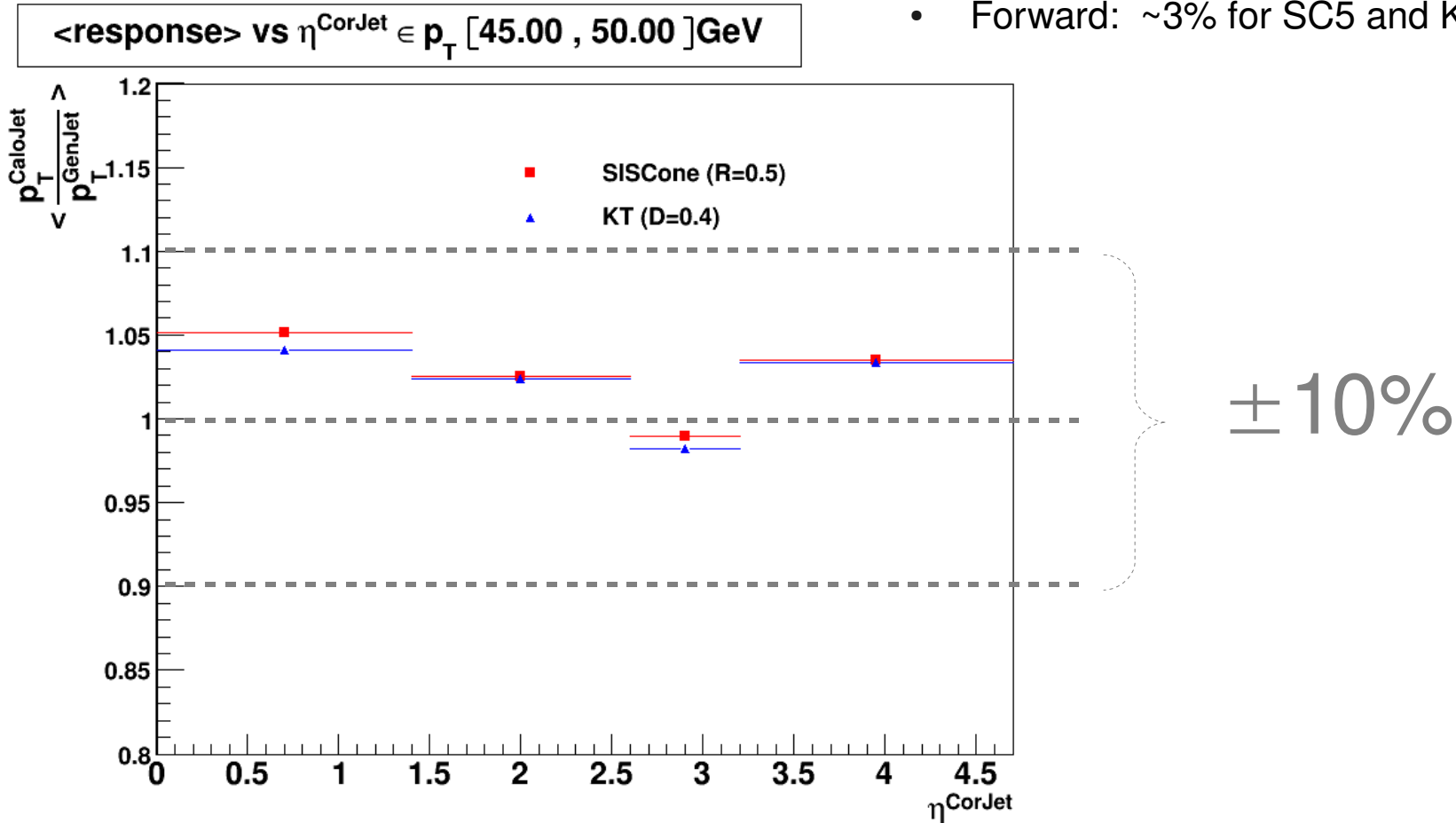
- Response versus NOT flat.
 - Barrel: ~6% for SC5 and ~5% for KT4;
 - Endcaps: ~4% for SC5 and KT4;
 - Transition region: ~1% for SC5 and KT4;
 - Forward: ~4% for SC5 and KT4



$\pm 10\%$

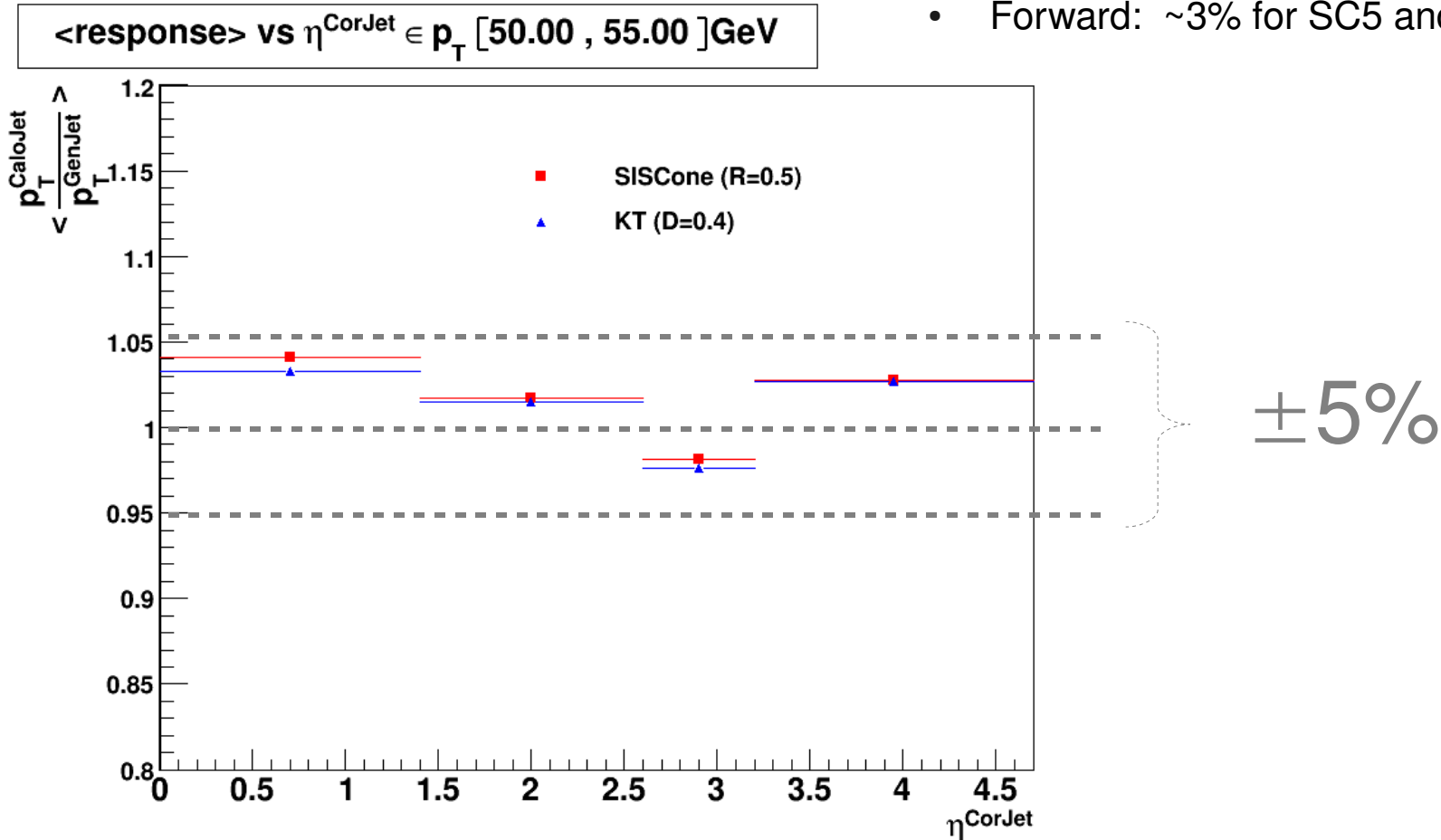
$\langle \text{Response} \rangle$ vs $|\eta| - p_T^{\text{Gen}} \in [45., 50.] \text{ GeV}$

- Response versus NOT flat.
 - Barrel: ~5% for SC5 and ~4% for KT4;
 - Endcaps: ~2.5% for SC5 and ~KT4;
 - Transition region: ~1% for SC5 and ~2% for KT4;
 - Forward: ~3% for SC5 and KT4



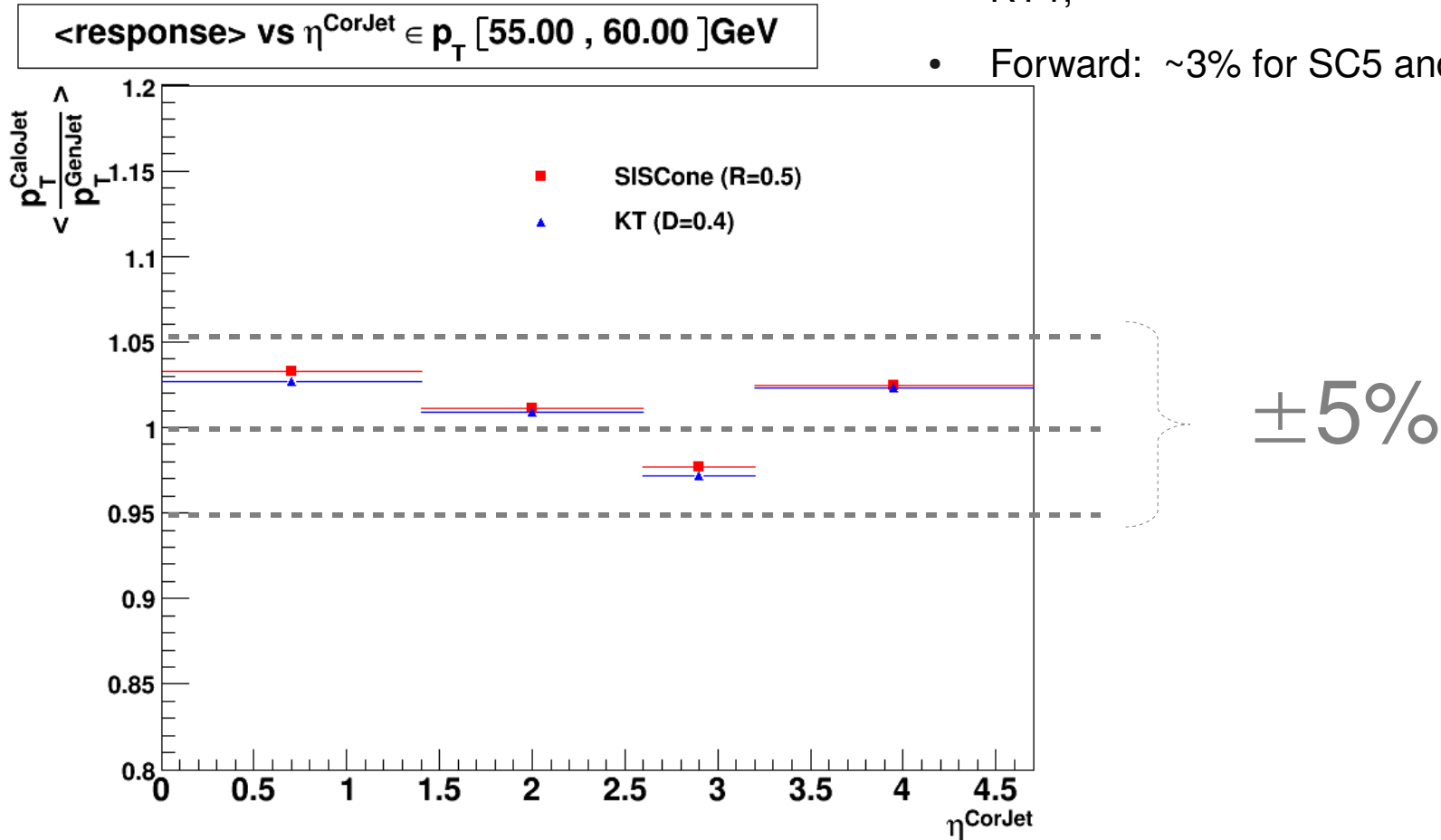
$\langle \text{Response} \rangle$ vs $|\eta| - p_T^{\text{Gen}} \in [50., 55.] \text{ GeV}$

- Response versus NOT flat.
 - Barrel: ~4% for SC5 and ~3% for KT4;
 - Endcaps: ~2% for SC5 and KT4;
 - Transition region: ~2% for SC5 and ~3% for KT4;
 - Forward: ~3% for SC5 and KT4



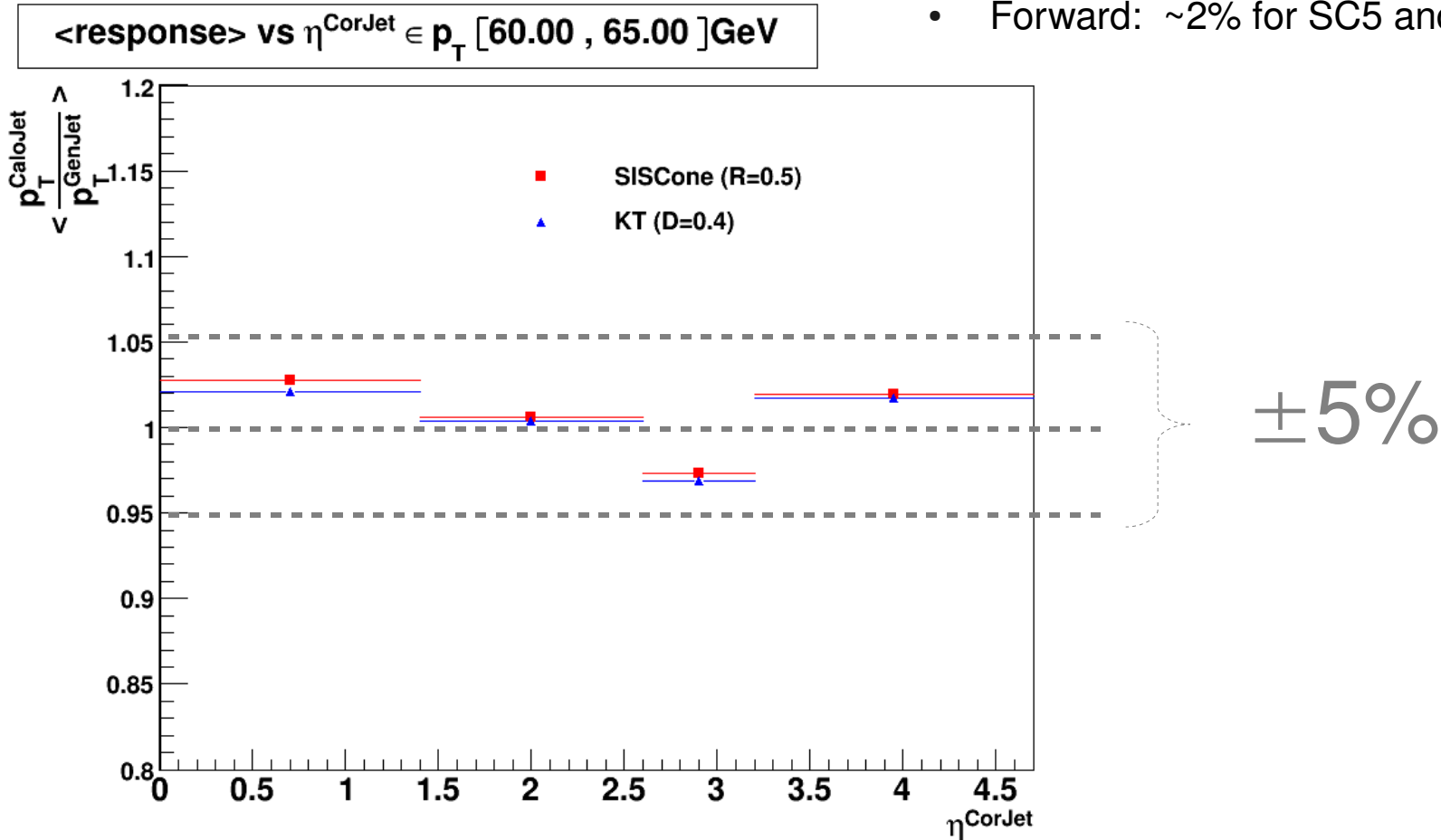
$\langle \text{Response} \rangle$ vs $|\eta| - p_T^{\text{Gen}} \in [55., 60.] \text{ GeV}$

- Response versus NOT flat.
 - Barrel: ~3% for SC5 and KT4;
 - Endcaps: ~1% for SC5 and KT4;
 - Transition region: ~2.5% for SC5 and ~3% for KT4;
 - Forward: ~3% for SC5 and KT4



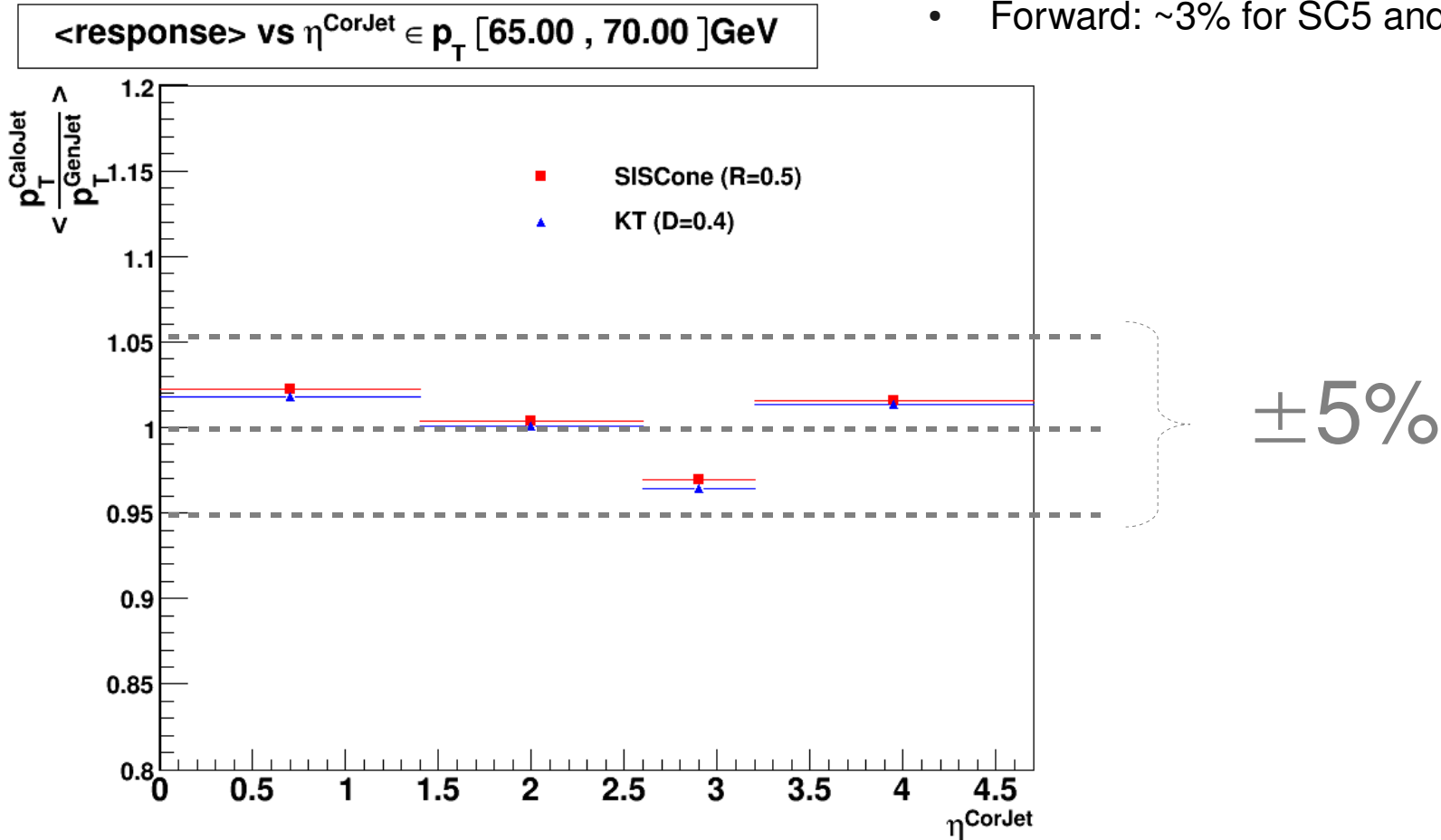
$\langle \text{Response} \rangle$ vs $|\eta| - p_T^{\text{Gen}} \in [60., 65.] \text{ GeV}$

- Response versus NOT flat.
 - Barrel: ~3% for SC5 and ~2% for KT4;
 - Endcaps: ~1% for SC5 and KT4;
 - Transition region: ~3% for SC5 and ~4% for KT4;
 - Forward: ~2% for SC5 and KT4



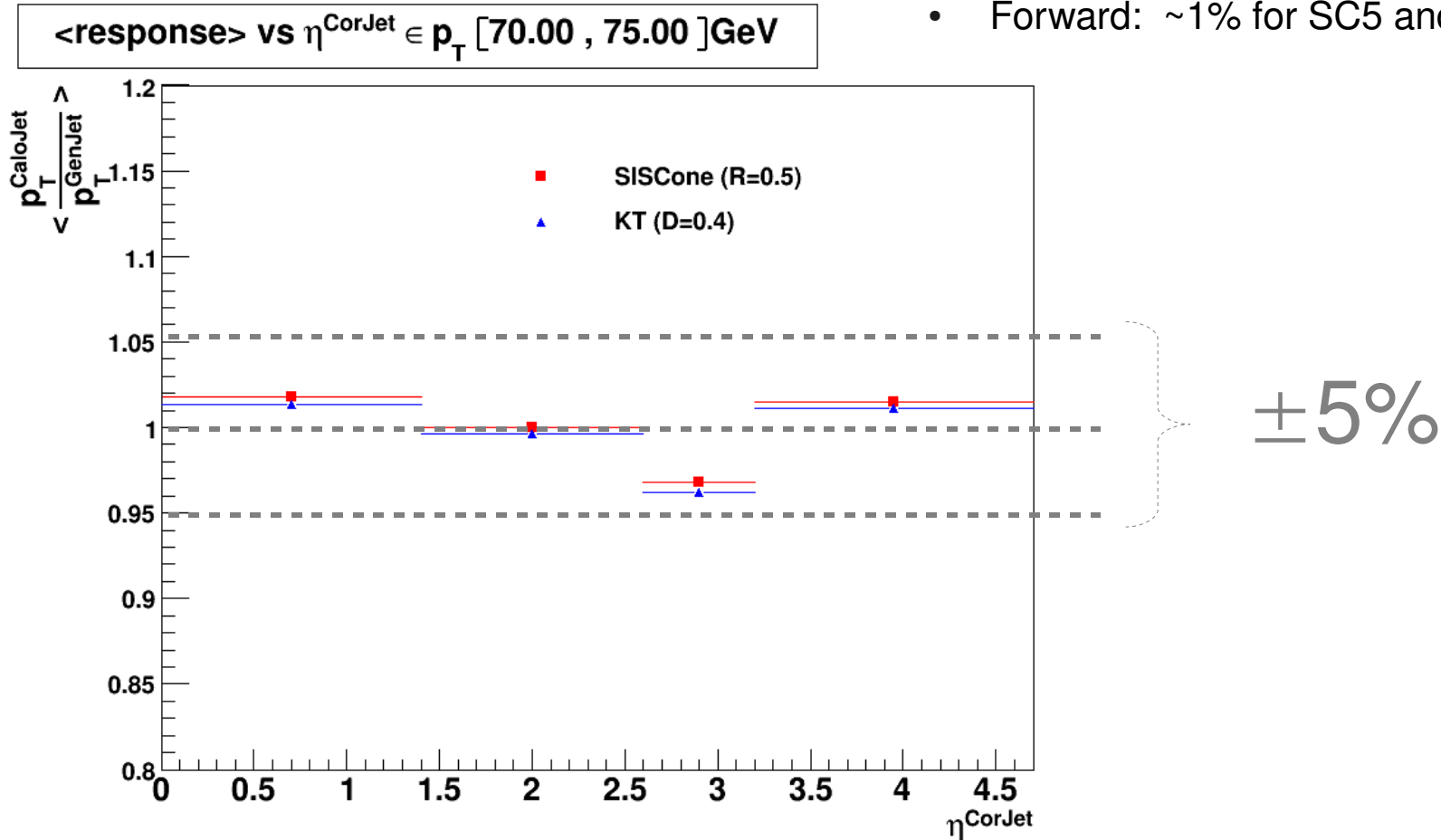
$\langle \text{Response} \rangle$ vs $|\eta| - p_T^{\text{Gen}} \in [65., 70.] \text{ GeV}$

- Response versus NOT flat.
 - Barrel: ~2% for SC5 and KT4;
 - Endcaps: ~0.5% for SC5 and KT4;
 - Transition region: ~2% for SC5 and KT4;
 - Forward: ~3% for SC5 and ~4% KT4;



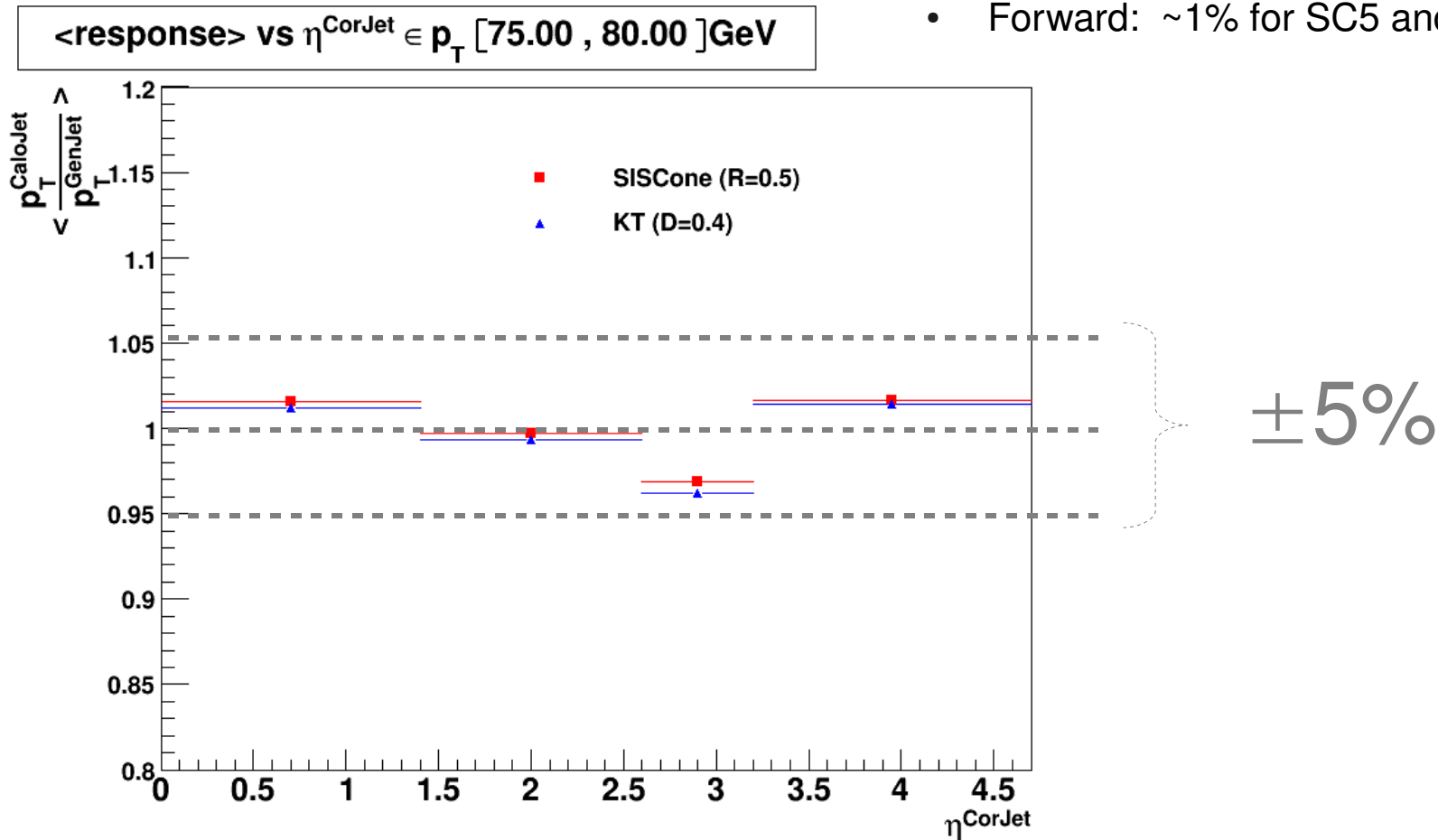
$\langle \text{Response} \rangle$ vs $|\eta| - p_T^{\text{Gen}} \in [70., 75.] \text{ GeV}$

- Response versus NOT flat.
 - Barrel: $\sim 2\%$ for SC5 and $\sim 1.5\%$ for KT4;
 - Endcaps: $\sim 0.2\%$ for SC5 and KT4;
 - Transition region: $\sim 4\%$ for SC5 and $\sim 5\%$ for KT4;
 - Forward: $\sim 1\%$ for SC5 and $\sim 0.5\%$ KT4;



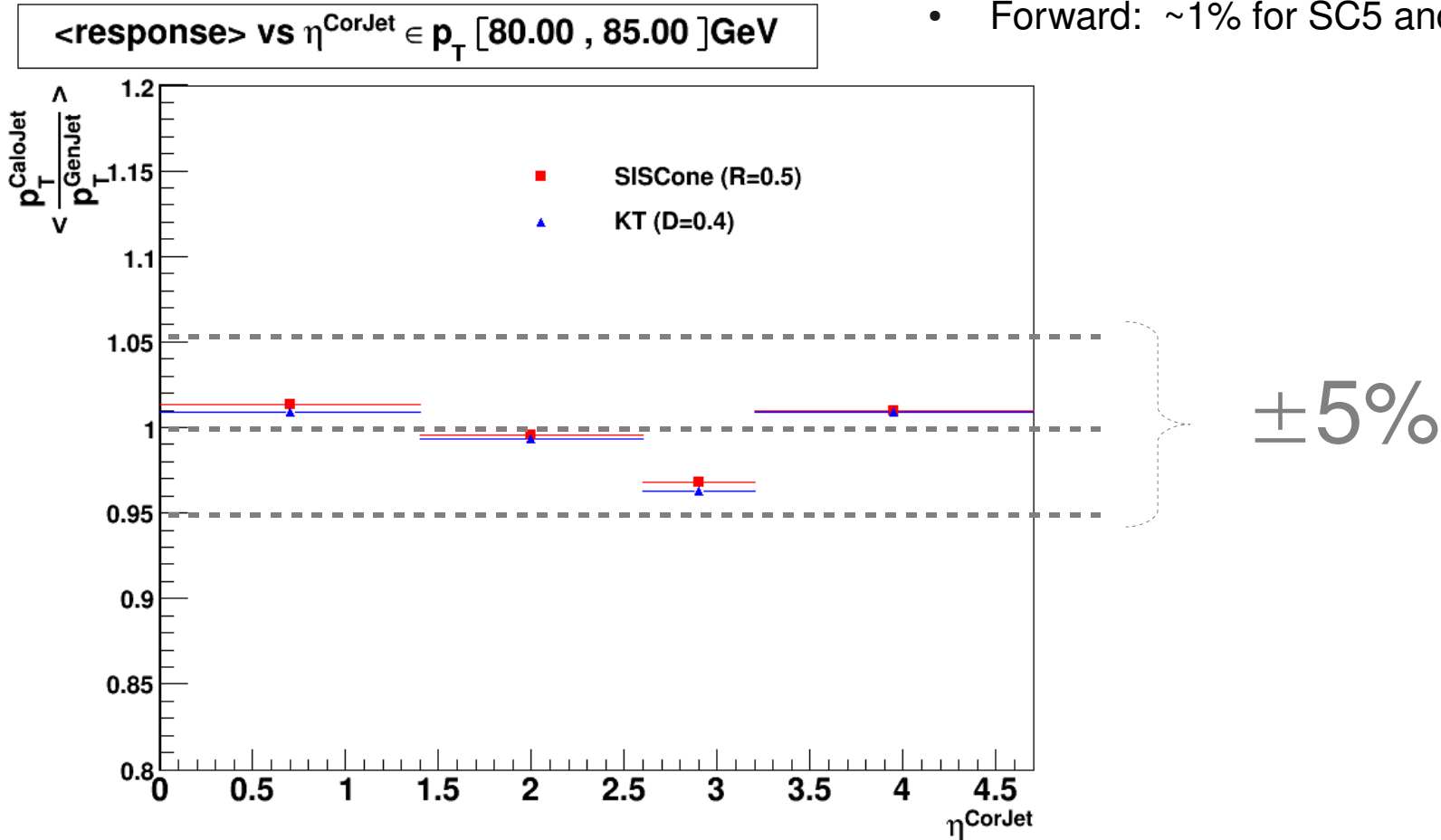
$\langle \text{Response} \rangle$ vs $|\eta| - p_T^{\text{Gen}} \in [75., 80.] \text{ GeV}$

- Response versus NOT flat.
 - Barrel: $\sim 1.5\%$ for SC5 and $\sim 1\%$ for KT4;
 - Endcaps: $\sim 0.2\%$ for SC5 and $\sim 0.5\%$ for KT4;
 - Transition region: $\sim 3\%$ for SC5 and $\sim 4\%$ for KT4;
 - Forward: $\sim 1\%$ for SC5 and KT4;



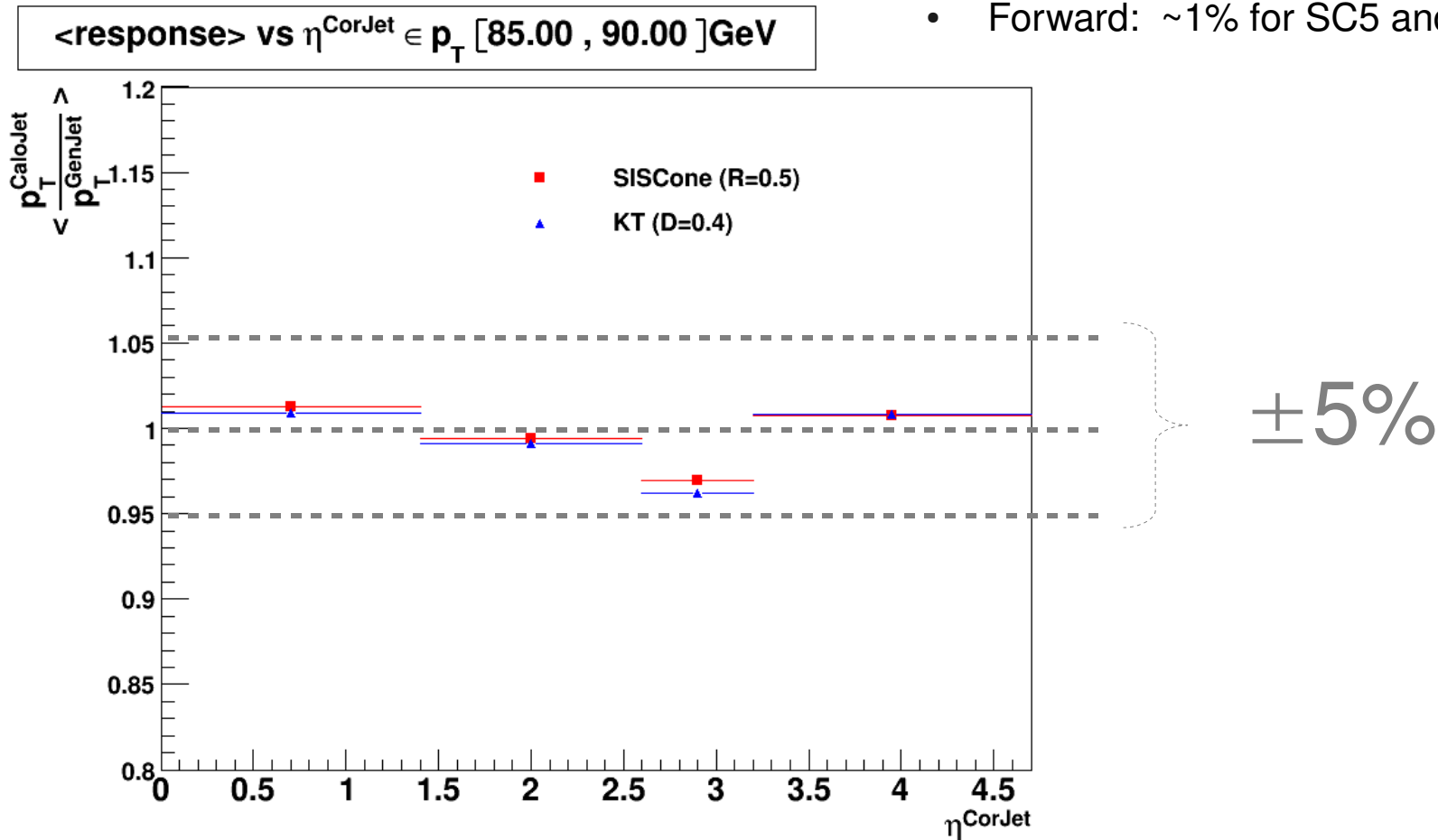
$\langle \text{Response} \rangle$ vs $|\eta| - p_T^{\text{Gen}} \in [80., 85.] \text{ GeV}$

- Response versus NOT flat.
 - Barrel: $\sim 1.5\%$ for SC5 and $\sim 1\%$ for KT4;
 - Endcaps: $\sim 0.5\%$ for SC5 and KT4;
 - Transition region: $\sim 3\%$ for SC5 and $\sim 4\%$ for KT4;
 - Forward: $\sim 1\%$ for SC5 and KT4;



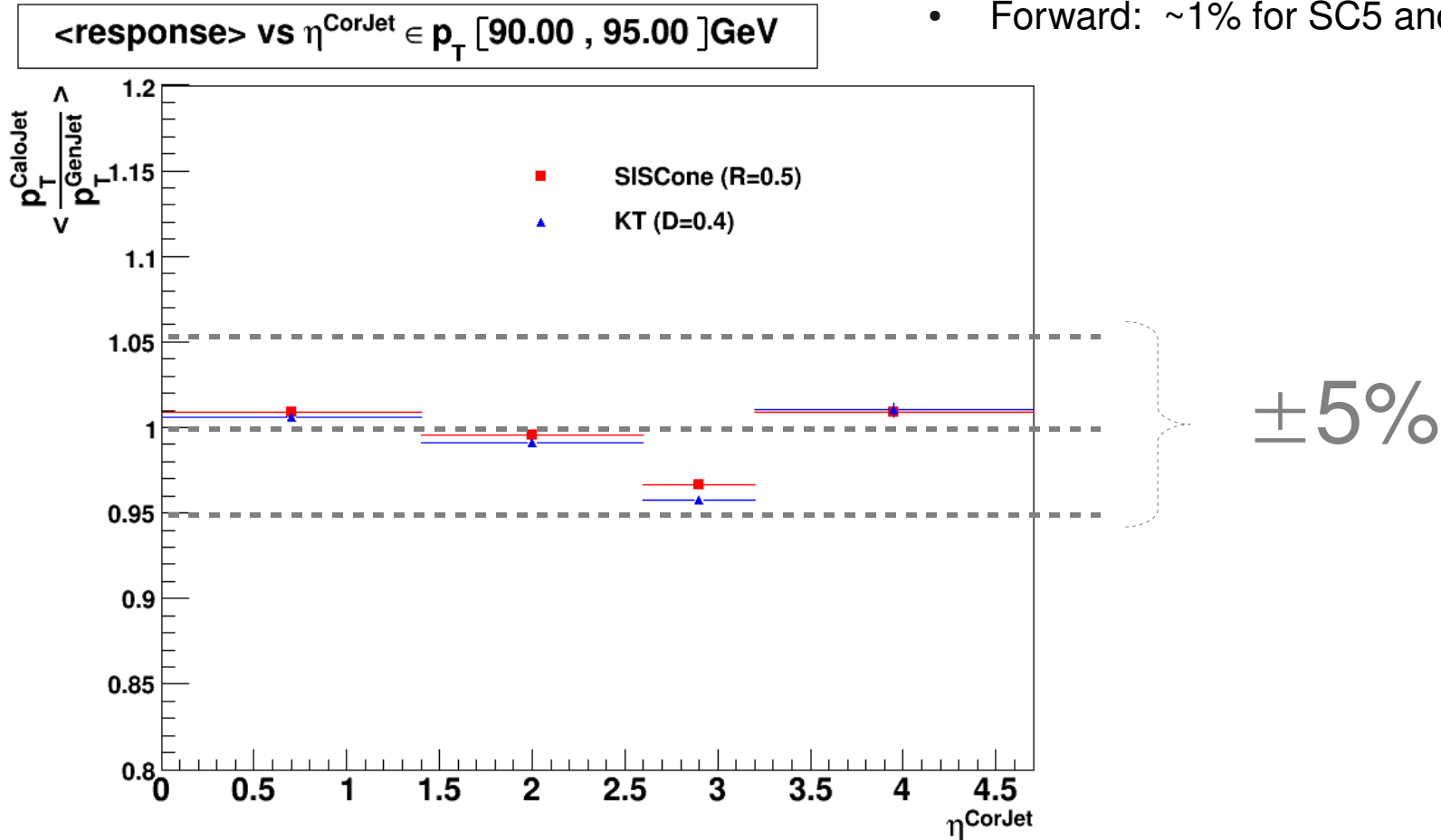
$\langle \text{Response} \rangle$ vs $|\eta| - p_T^{\text{Gen}} \in [85., 90.] \text{ GeV}$

- Response versus NOT flat.
 - Barrel: $\sim 1\%$ for SC5 and KT4;
 - Endcaps: $\sim 1\%$ for SC5 and KT4;
 - Transition region: $\sim 3\%$ for SC5 and $\sim 4\%$ for KT4;
 - Forward: $\sim 1\%$ for SC5 and KT4;



$\langle \text{Response} \rangle$ vs $|\eta| - p_T^{\text{Gen}} \in [90., 95.] \text{ GeV}$

- Response versus NOT flat.
 - Barrel: $\sim 1\%$ for SC5 and $\sim 0.5\%$ for KT4;
 - Endcaps: $\sim 0.5\%$ for SC5 and $\sim 1\%$ for KT4;
 - Transition region: $\sim 3\%$ for SC5 and $\sim 4\%$ for KT4;
 - Forward: $\sim 1\%$ for SC5 and KT4;



$\langle \text{Response} \rangle$ vs $|\eta|$ - $p_T^{\text{Gen}} \in [95., 100.] \text{ GeV}$

- Response versus NOT flat.
 - Barrel: $\sim 1\%$ for SC5 and $\sim 0.5\%$ for KT4;
 - Endcaps: $\sim 0.5\%$ for SC5 and $\sim 1\%$ for KT4;
 - Transition region: $\sim 3\%$ for SC5 and $\sim 4\%$ for KT4;
 - Forward: $\sim 0.5\%$ for SC5;

