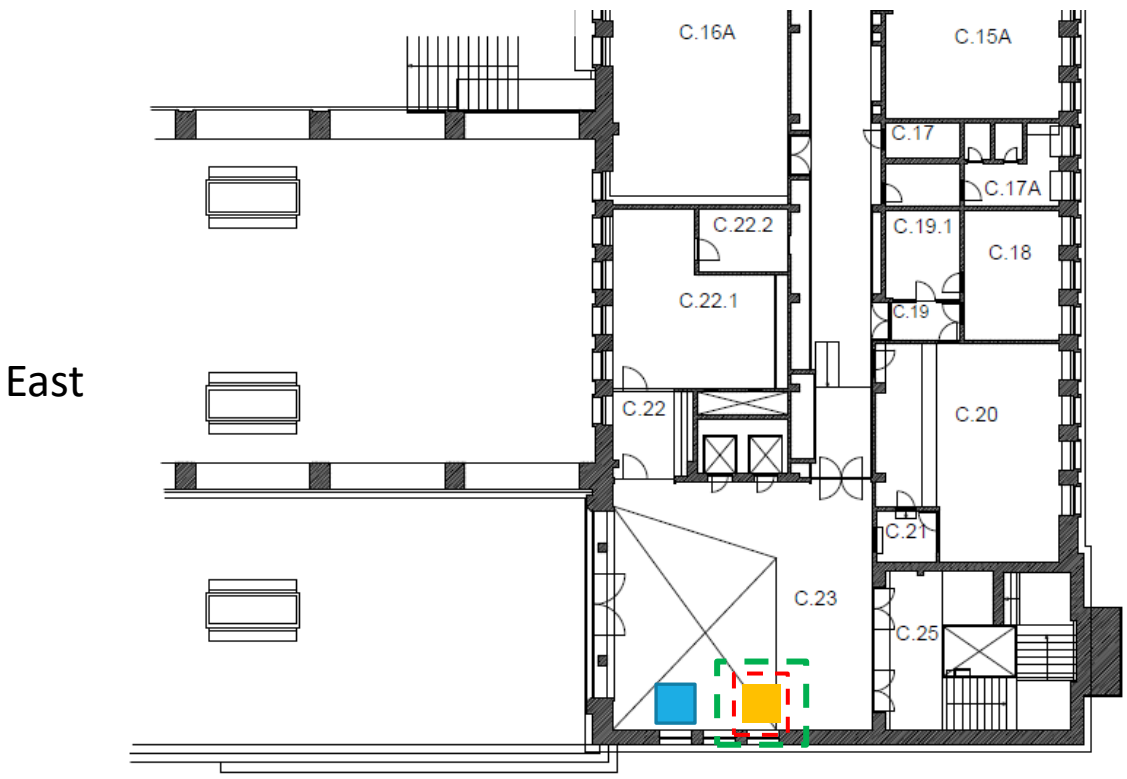


13-04-2022 LouMu general meeting

New positions

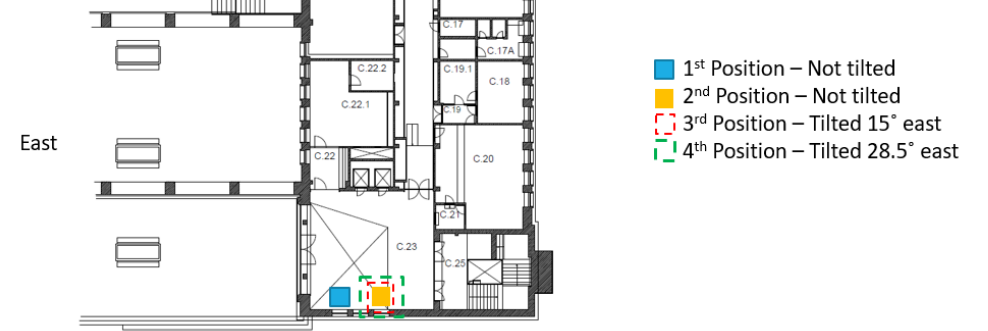


New positions

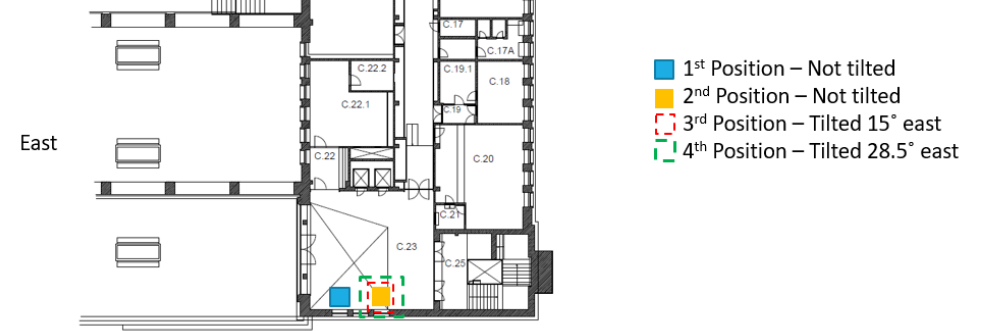


- 1st Position – Not tilted
- 2nd Position – Not tilted
- 3rd Position – Tilted 15° east
- 4th Position – Tilted 28.5° east

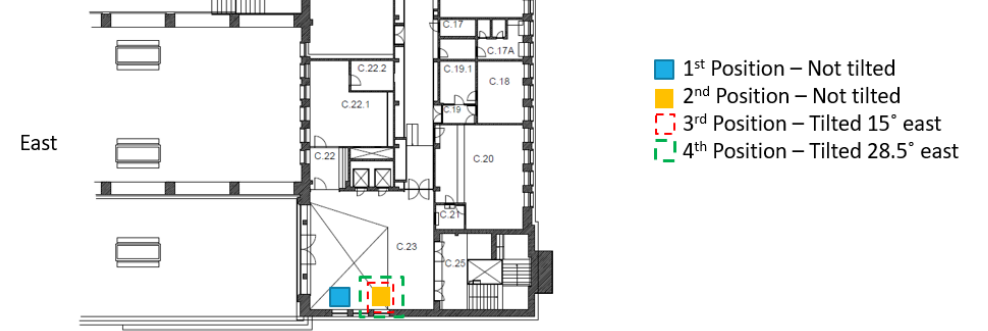
1st Position



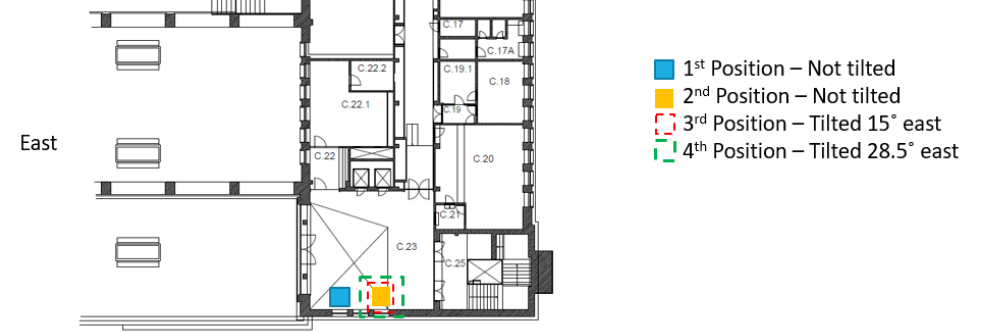
3rd Position



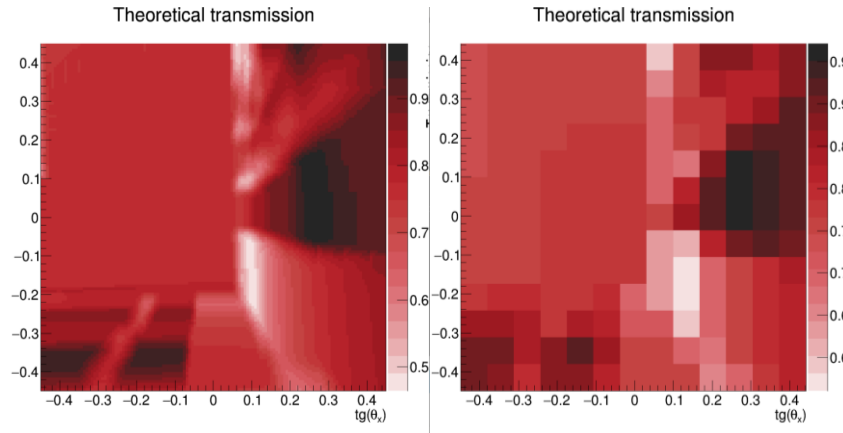
4th Position



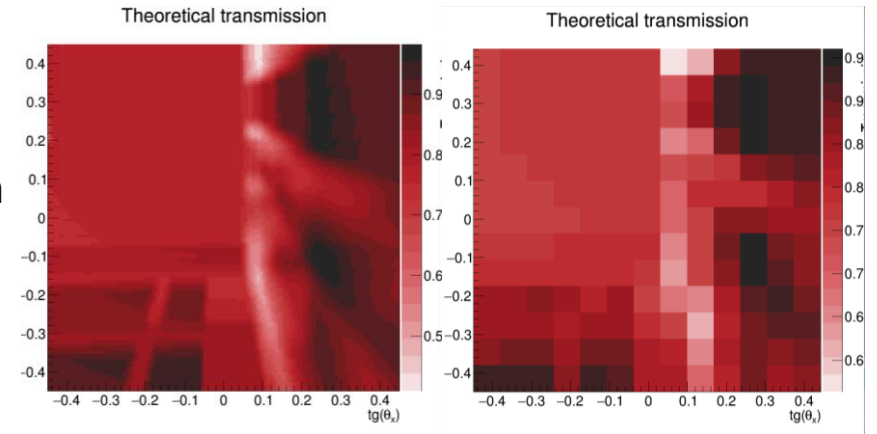
Simulations



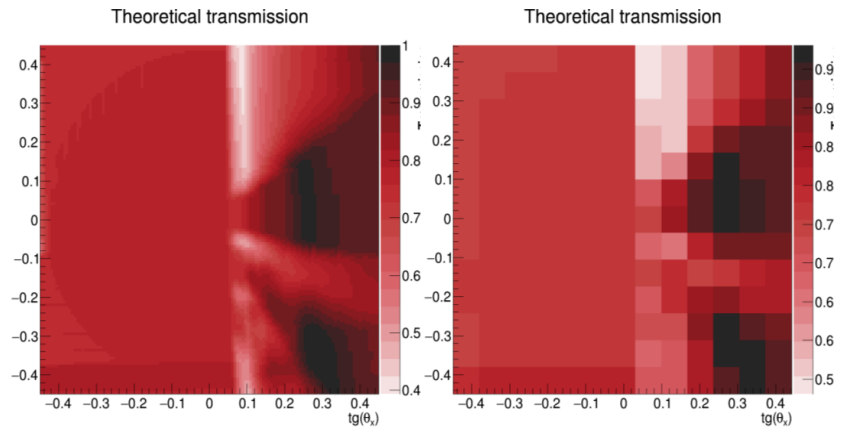
1st Position



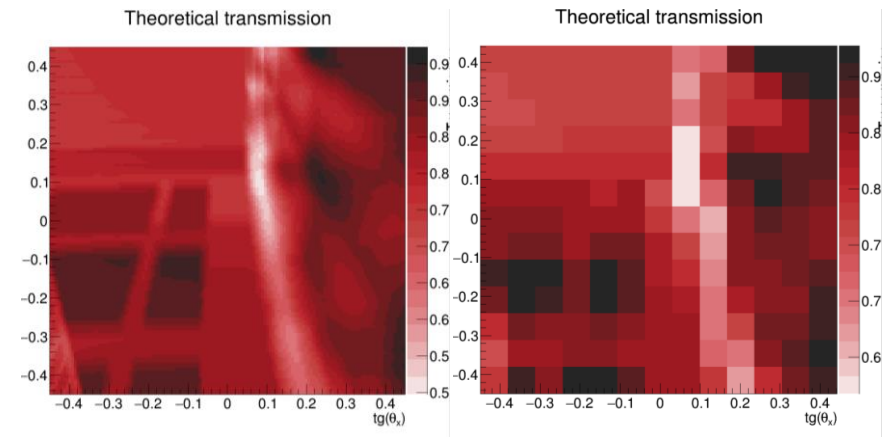
3rd Position



2nd Position

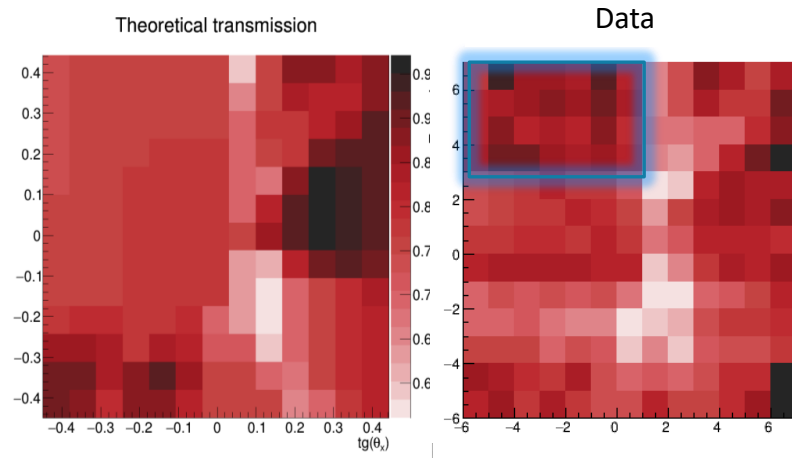


4th Position

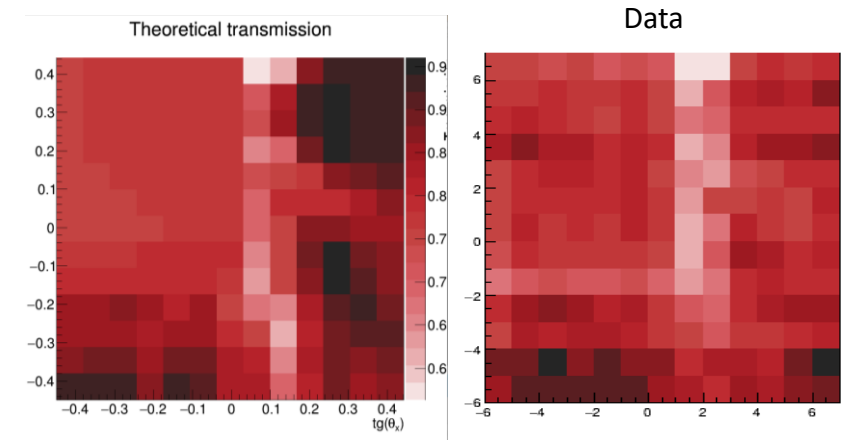


Data comparison

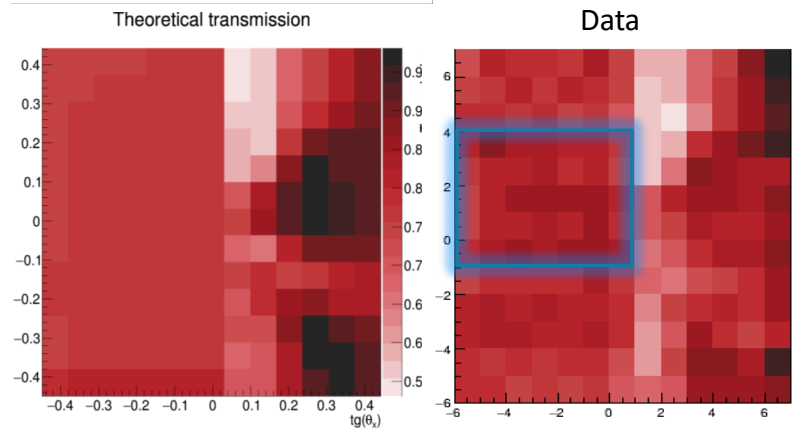
1st Position



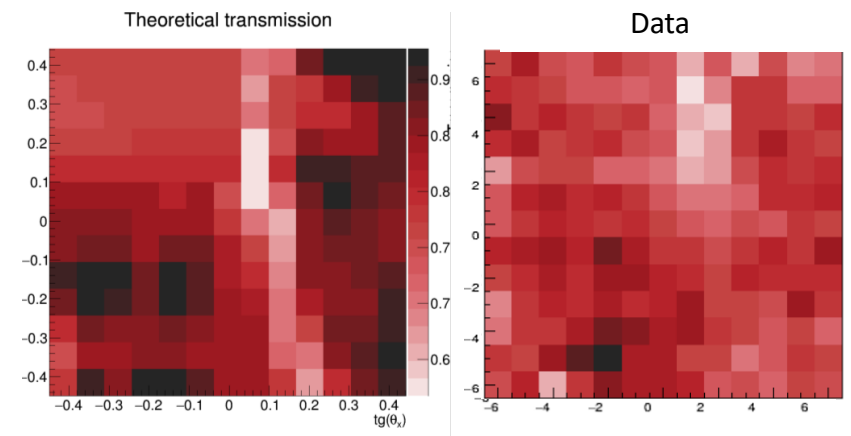
3rd Position



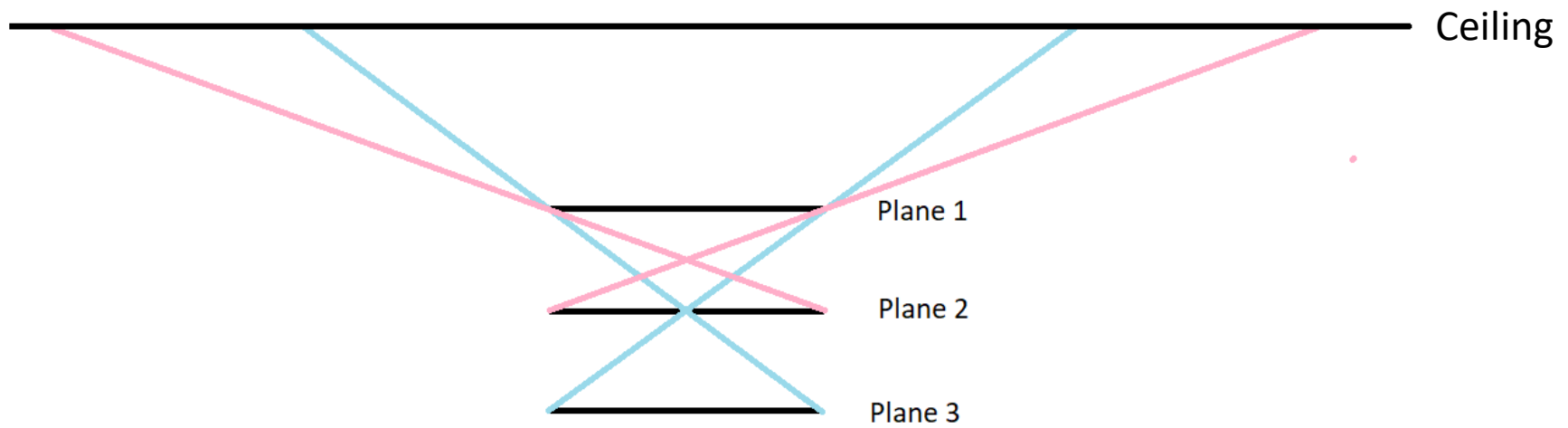
2nd Position



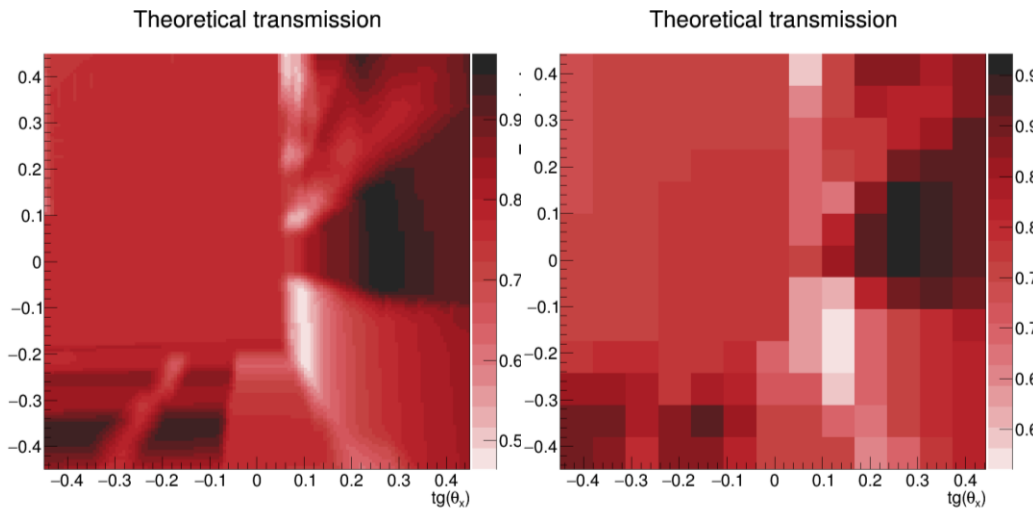
4th Position



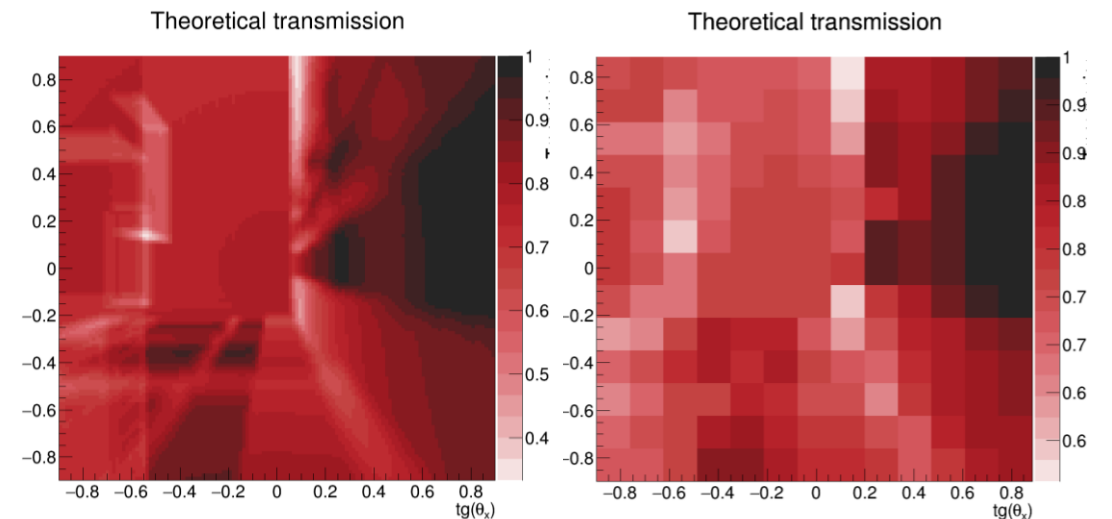
New approach



1st Position: simulation

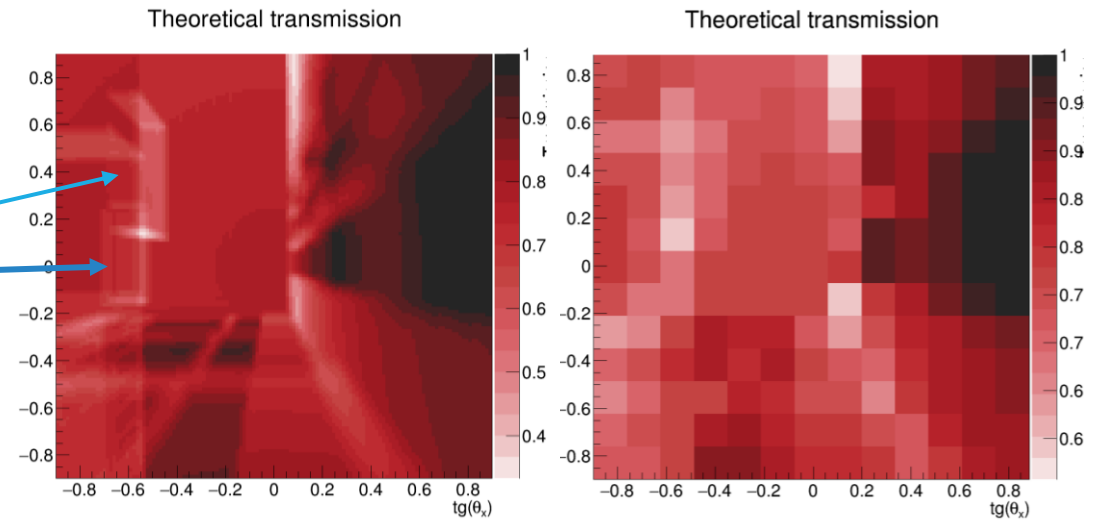
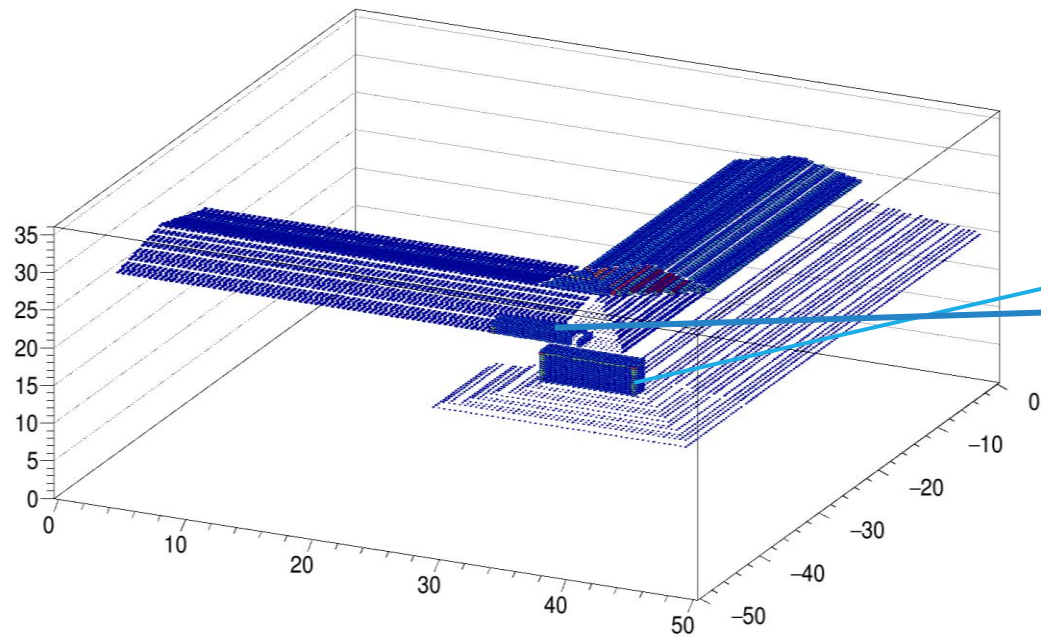


Using planes 1 and 3



Using planes 1 and 2

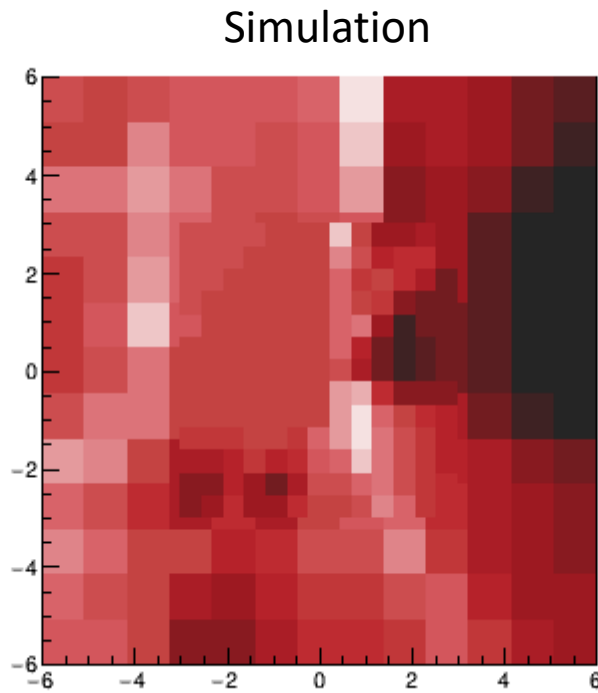
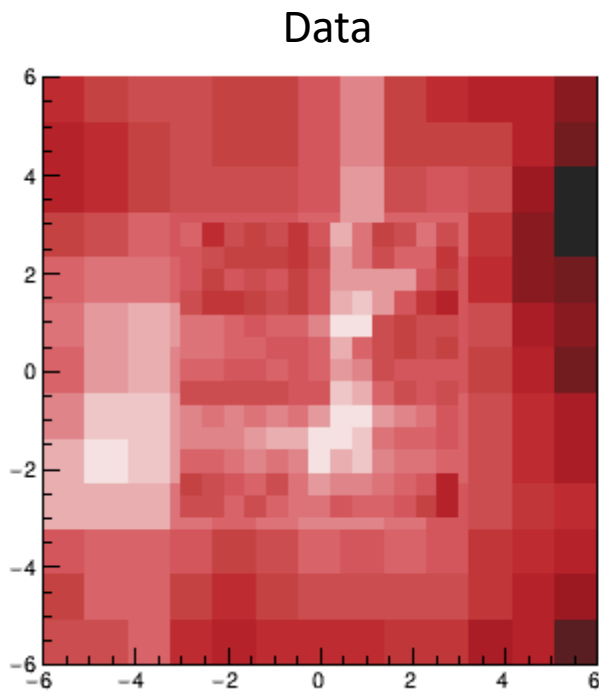
1st Position: simulation



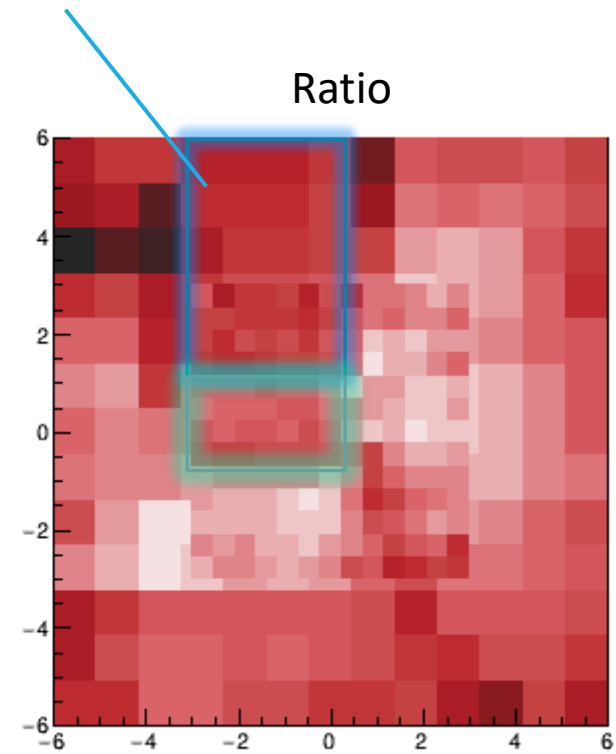
Using planes 1 and 2

1st Position

Combining both views



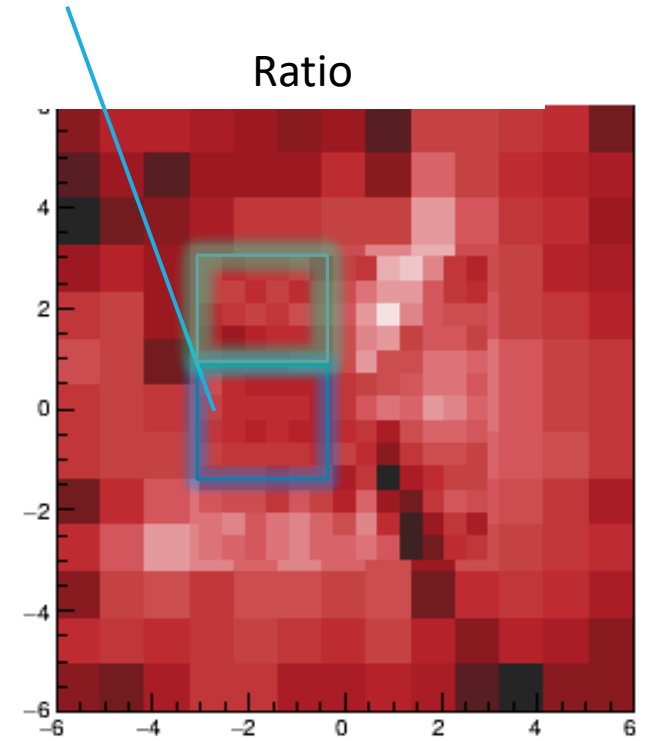
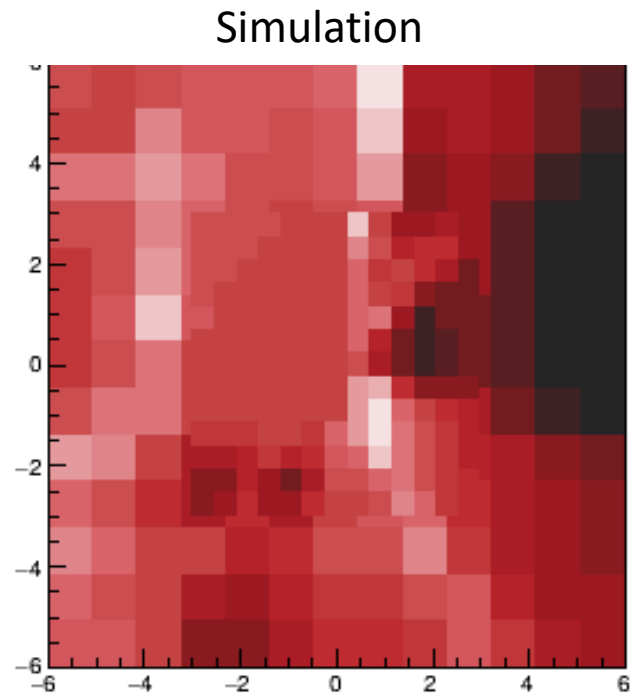
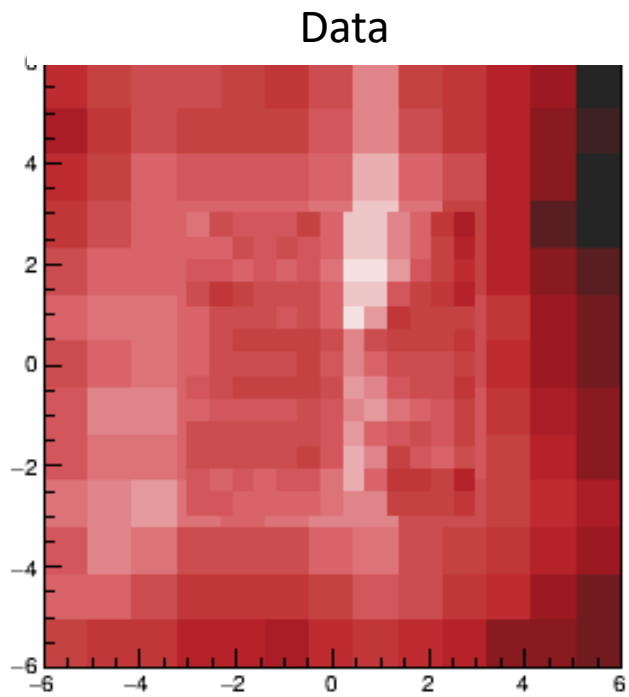
Transmission ~9% higher



2nd Position

Combining both views

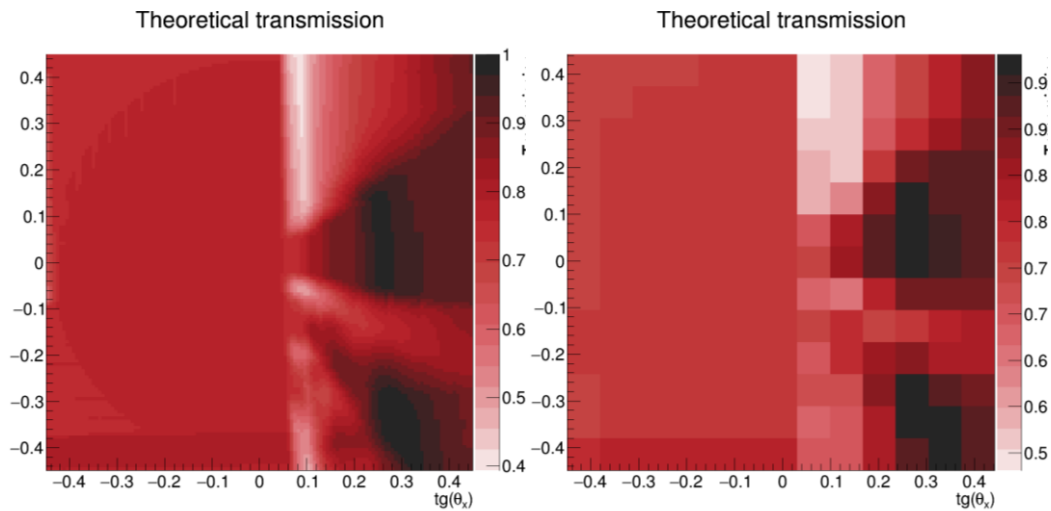
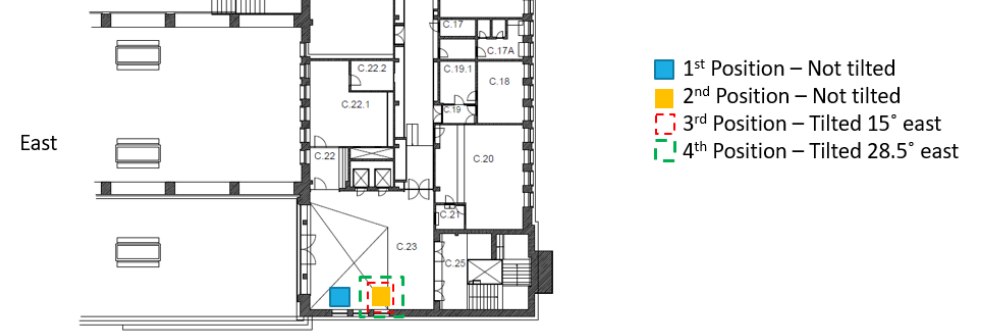
Transmission ~3% higher



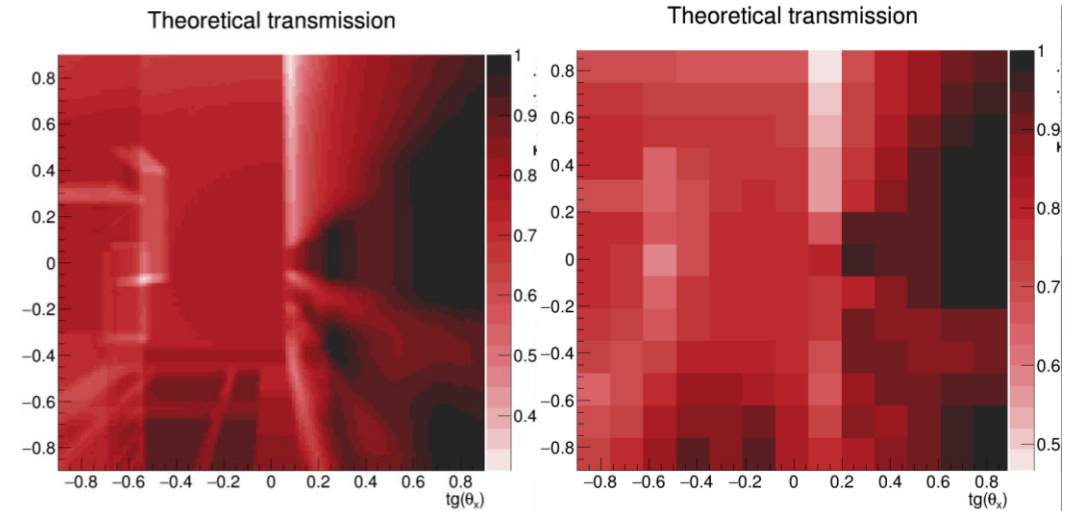
Thank you

Additional slides with remaining
simulations

2nd Position: simulation

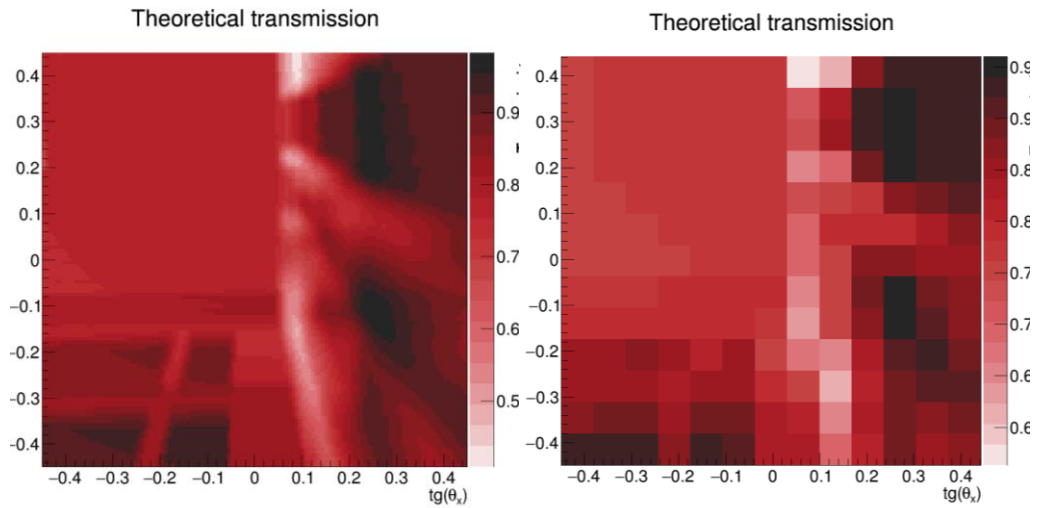
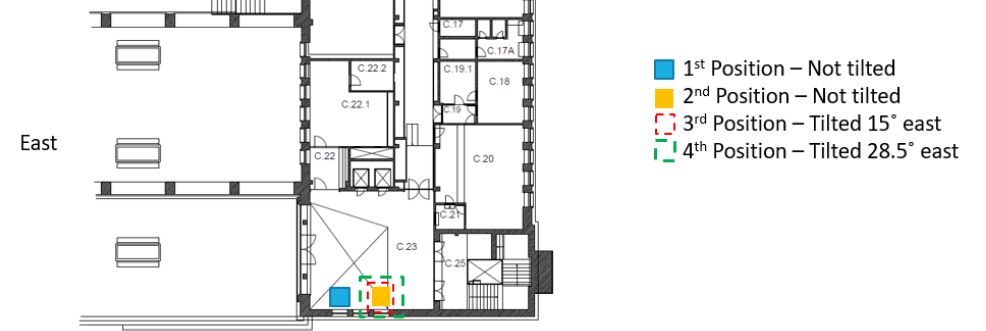


Using planes 1 and 3

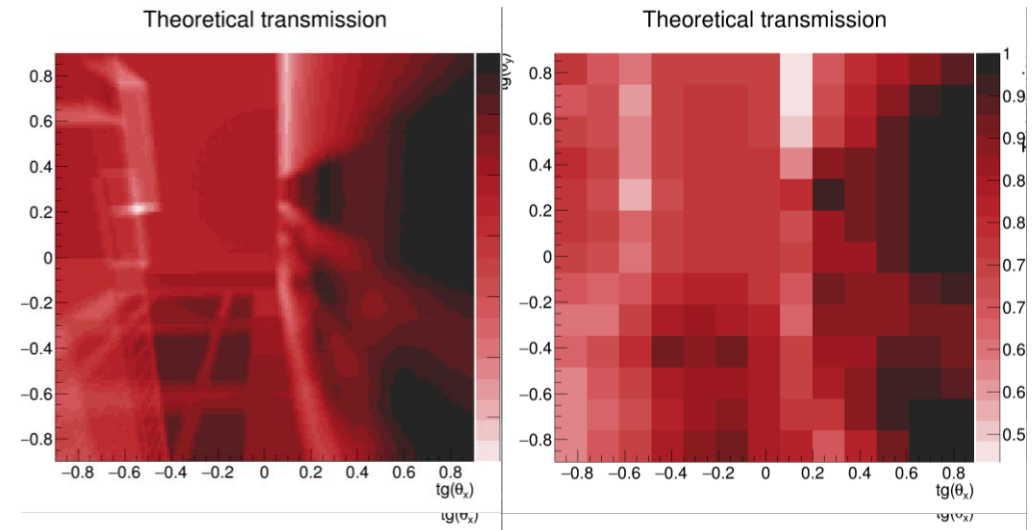


Using planes 1 and 2

3rd Position: simulation

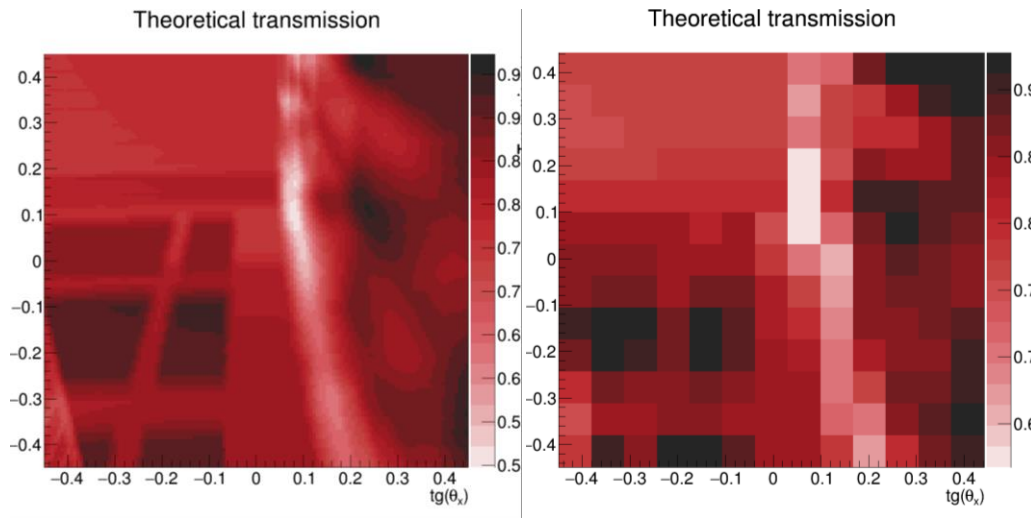
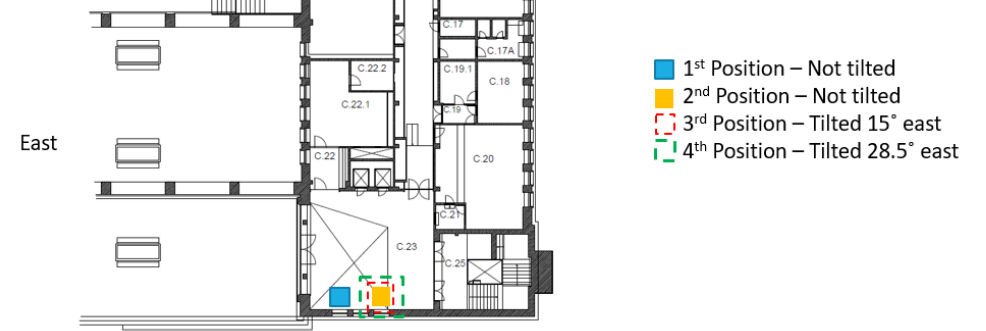


Using planes 1 and 3

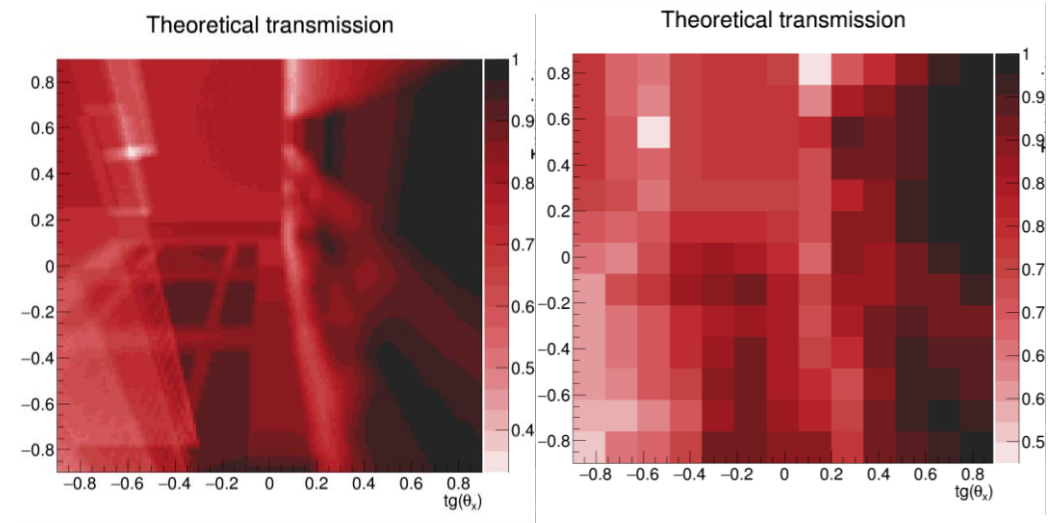


Using planes 1 and 2

4th Position: simulation



Using planes 1 and 3



Using planes 1 and 2