

Photon Reconstruction Efficiency

***Muon Collider***

Simulation with BIB (EU24 Lattice)

 $\sqrt{s} = 10$  TeV $100 \text{ GeV} < \text{True Photon } E < 1 \text{ TeV}$ 

Without BIB Overlay



With BIB Overlay

1.0

0.5

1.0

1.5

2.0

2.5

True Photon  $\theta$  [rad]