Invariant mass distribution for different MF scaling

before XGB selection
- 27.5% MF, 3.3A GeV/c
- 56% MF, 3.3A GeV/c
- 100% MF, 12A GeV/c

XGB selected signal
- 27.5% MF, 3.3A GeV/c
- 56% MF, 3.3A GeV/c
- 100% MF, 12A GeV/c

DCM-QGSM-SMM, Au+Au @12 AGeV/c; 10k events

DCM-QGSM-SMM, Au+Au @3.3 AGeV/c; 10k events

Counts (log scale)

Counts (log scale)

Mass (GeV/c^2)