# Strip-ScECAL reconstruction
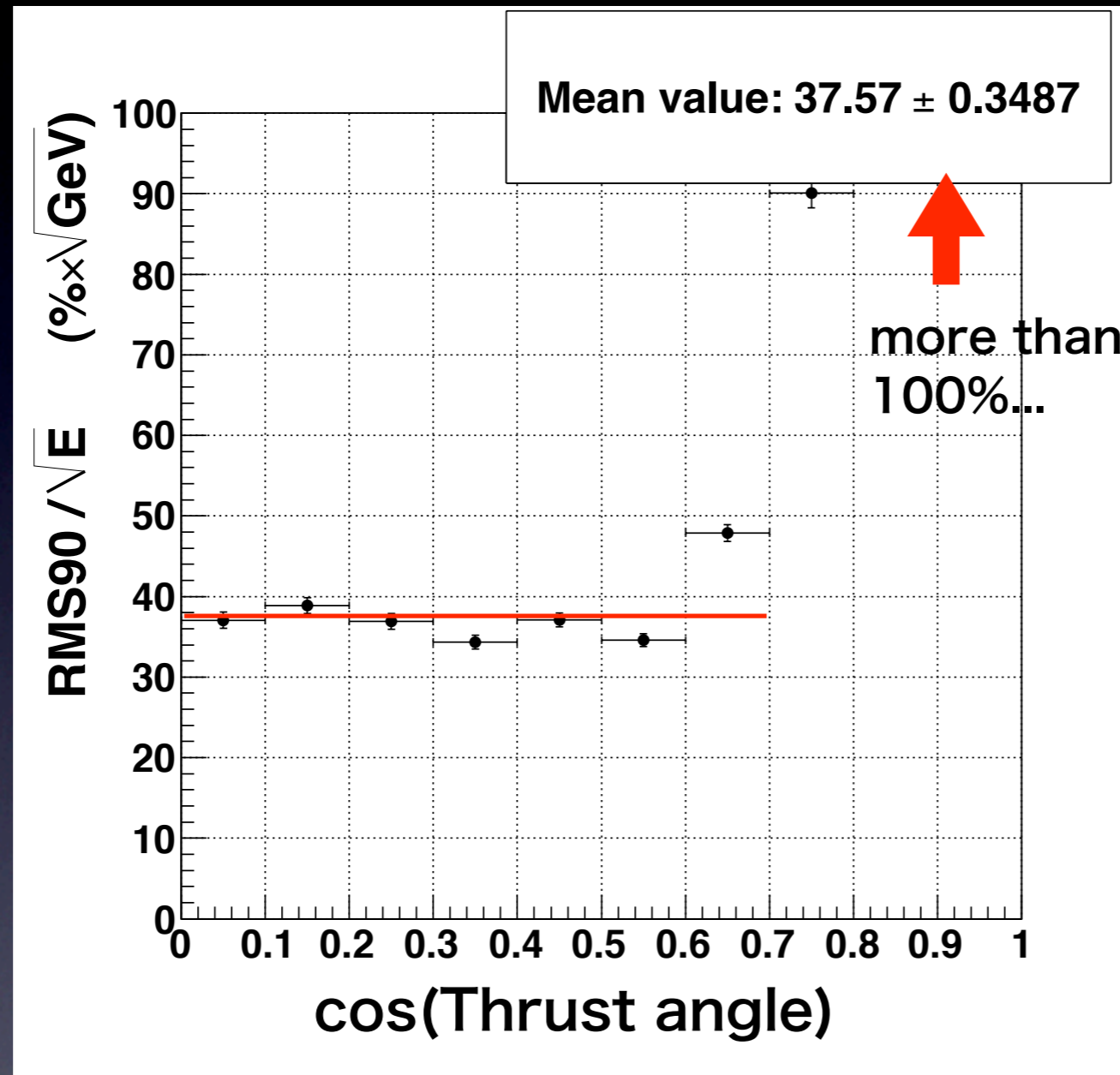
## 11 / Nov. 2011 Physics Software meeting of ILD Asia

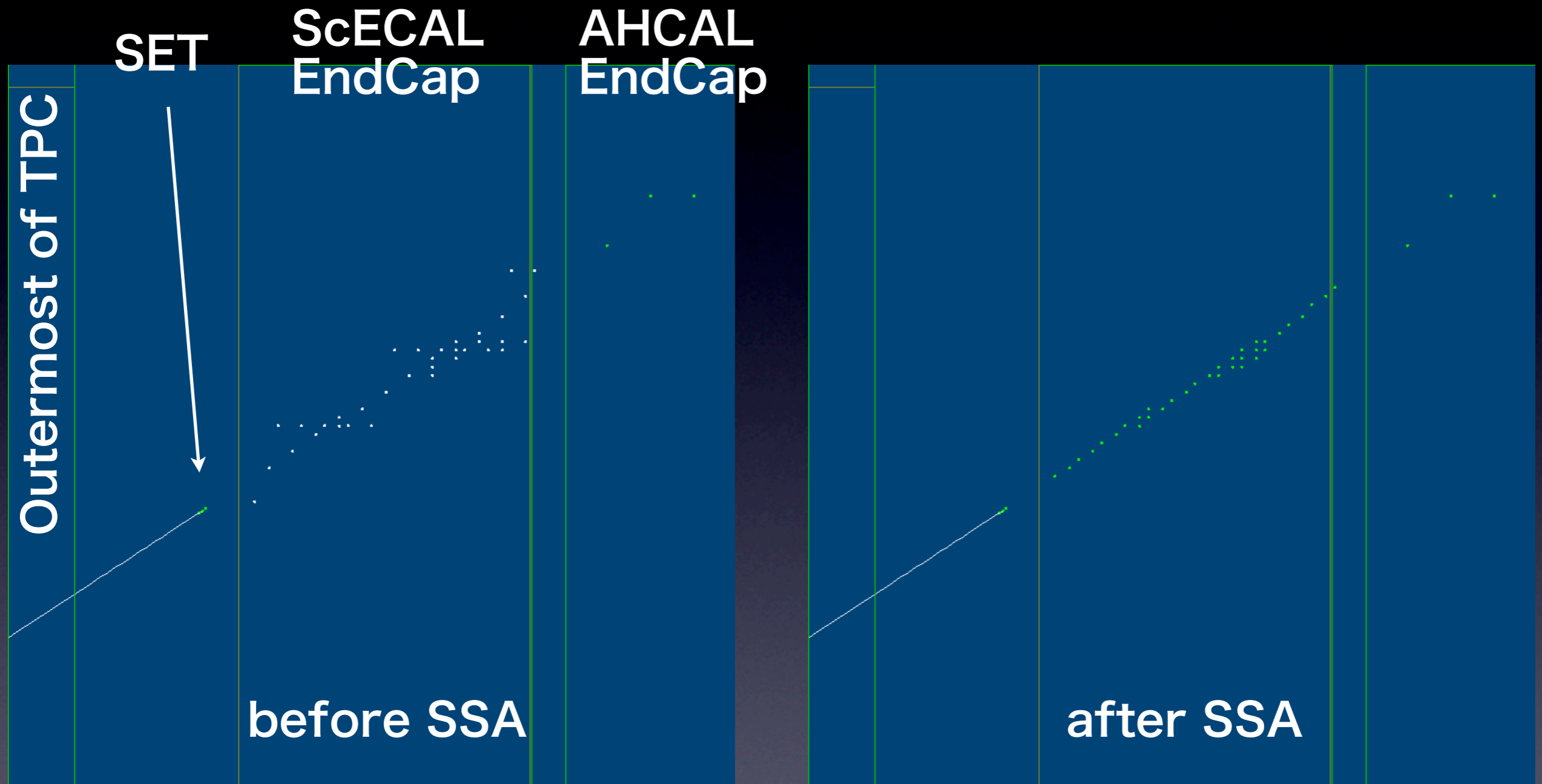Shinshu university  k. kotera

# Things I've done this week

- Jet energy resolution near the end cap of ScECAL degrades ▶ I've checked if basic function is fine or not by using muon events.
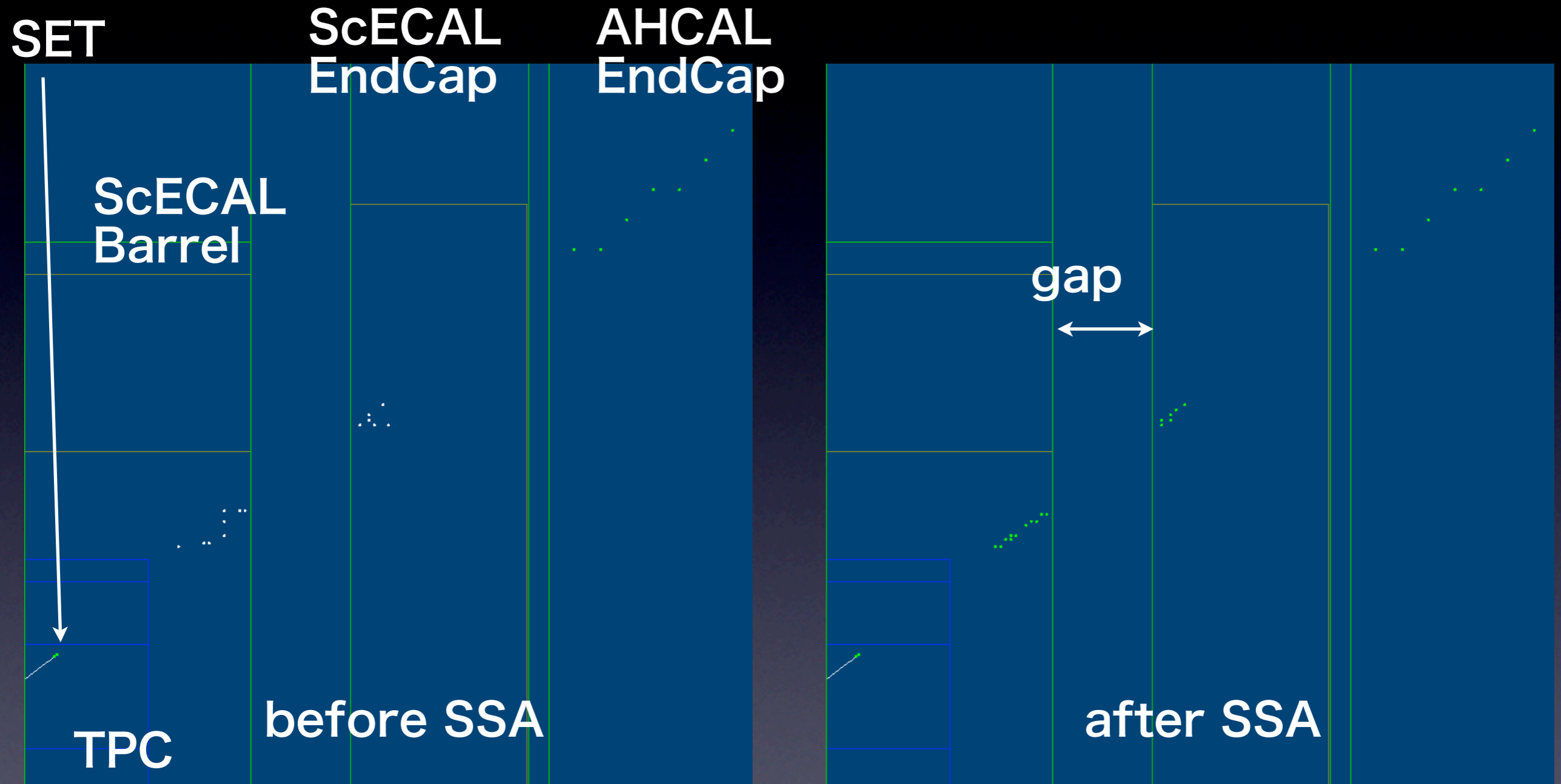
# Thrust angle dependence of 100 GeV JER
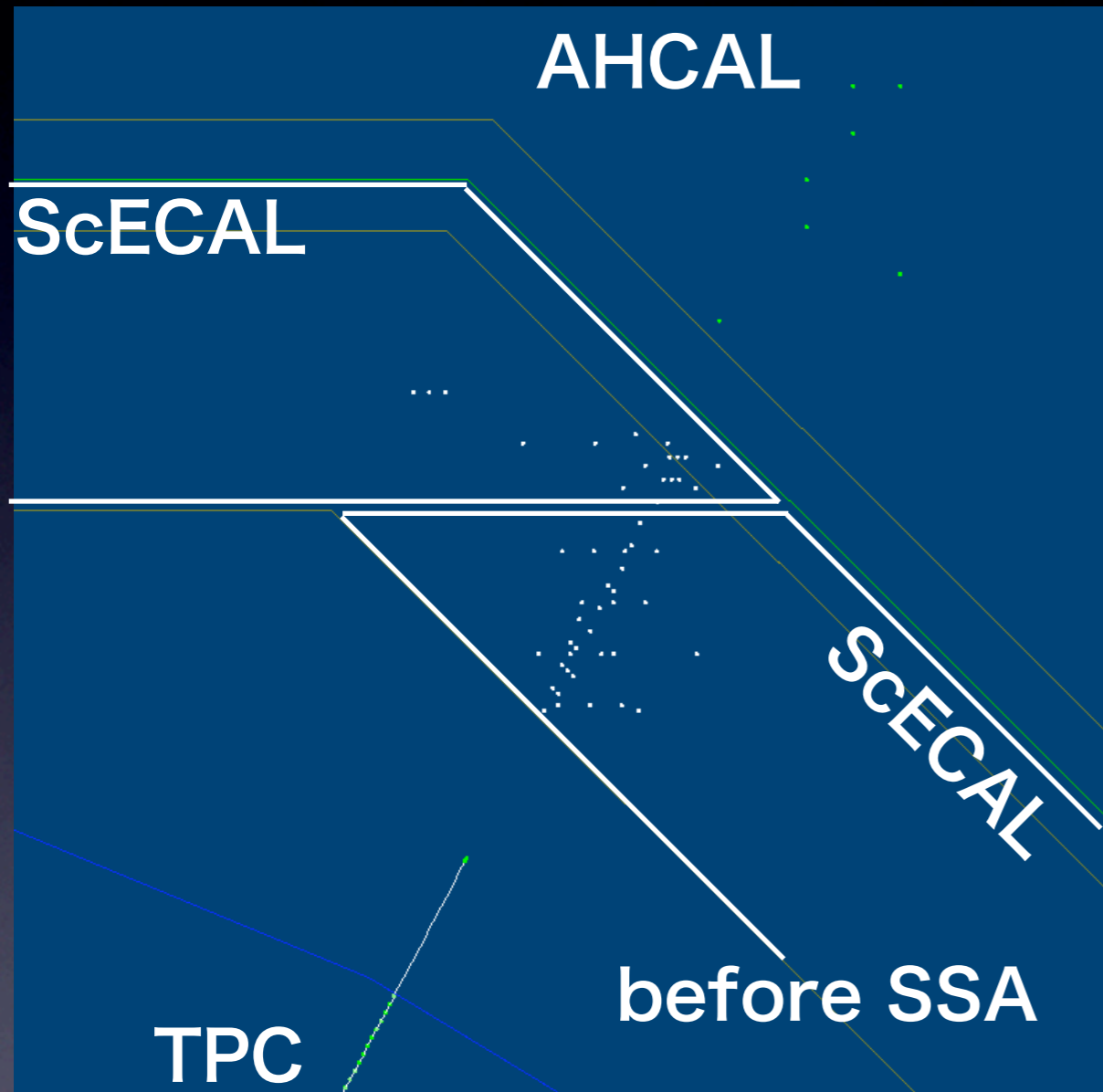


I saw 500 GeV muon(+) events on End-caps

# 500 GeV muon+ event on the endcap of 45x5 mm² StripScECAL



SET

ScECAL EndCap

AHCAL EndCap

Outermost of TPC

before SSA

after SSA

# 500 GeV muon+ event on boundary between barrel and end-cap



SET

ScECAL
EndCap

AHCAL
EndCap

ScECAL
Barrel

gap

TPC

before SSA

after SSA

# 500 GeV muon+ event on the baundary of Slaves



AHCAL

ScECAL

ScECAL

TPC

before SSA

after SSA

# Summary

- At least basic performance of SSA the Endcaps is fine.