

```
//Trigger information
```

```
StMuTriggerIdCollection trig = muEvent->triggerIdCollection();
```

```
StTriggerId ll trig = trig.nominal();
```

- if(ll trig.isTrigger(trig|DL2BW) && trig|DL2BW>0) trigL2BW.trigger = 1; //L2BW
- if(ll trig.isTrigger(trig|DL2EW) && trig|DL2EW>0) trigL2EW.trigger = 1; //L2EW

```
//////////fill all BTOW profile plots//////////
```

```
if(trigL2BW.trigger == 1){
```

```
hL2BWbTowerEt->Fill(runIndex,Et);
```

```
hL2BWbTowerEta->Fill(runIndex,tower_eta);
```

```
hL2BWbTowerPhi->Fill(runIndex,tower_phi);
```

```
}
```

```
if(trigL2EW.trigger == 1){
```

```
hL2EWbTowerEt->Fill(runIndex,Et);
```

```
hL2EWbTowerEta->Fill(runIndex,tower_eta);
```

```
hL2EWbTowerPhi->Fill(runIndex,tower_phi);
```

```
}
```