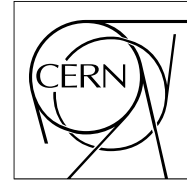


The Compact Muon Solenoid Experiment
CMS Performance Note

Mailing address: CMS CERN, CH-1211 GENEVA 23, Switzerland



23 July 2015

Event Display of a 1 TeV electron-positron candidate

CMS Collaboration

Abstract

Event display of a 1 TeV electron-positron candidate

TeV electron-positron candidate event display

CMS Collaboration

Details

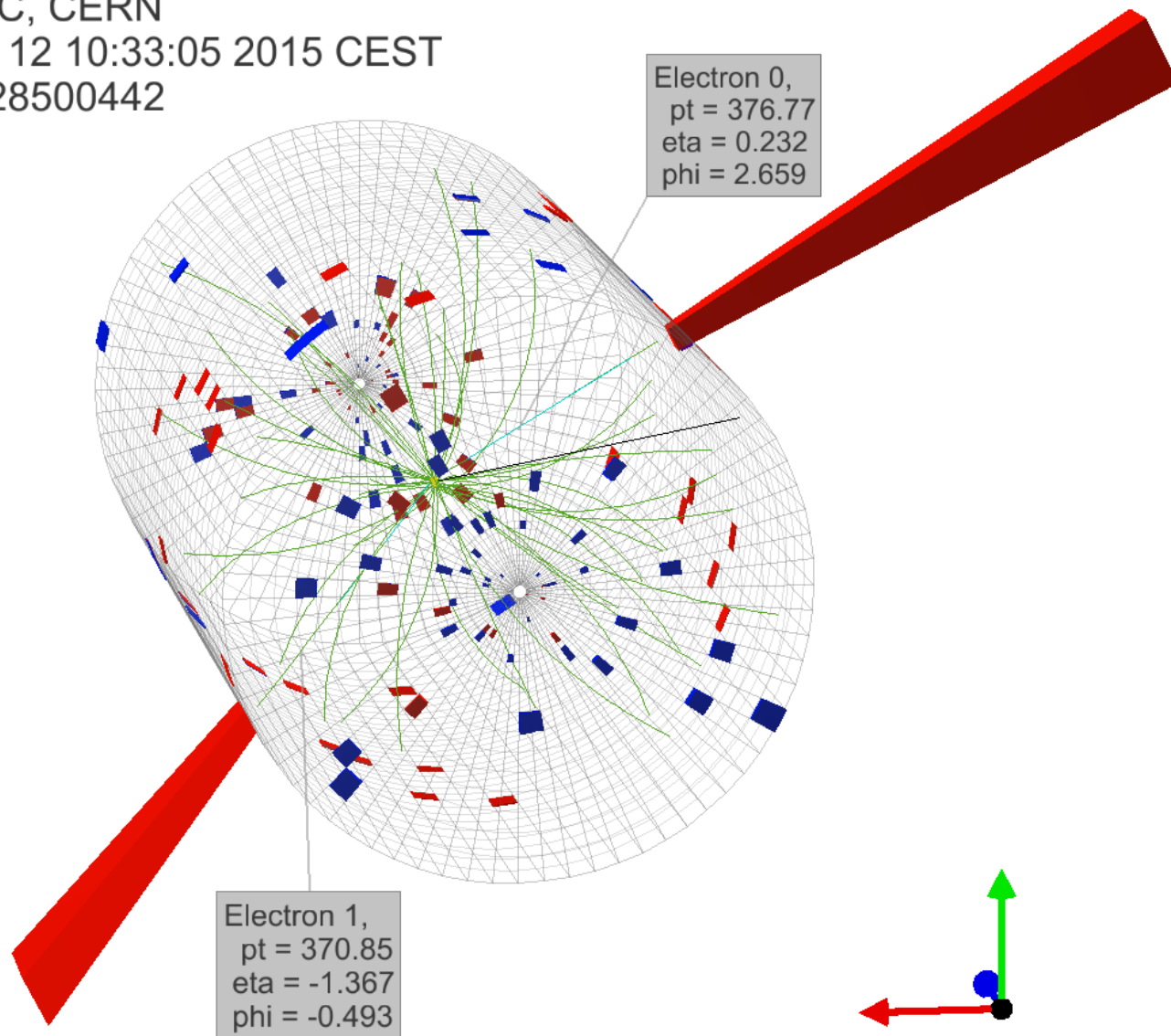
- DCS-only lumi selection
- selected with two events passing the high energy electron ID tuned for 50ns data taking (HEEP ID V6.0)
- event details:
 - run: 251562
 - luminosity section: 605
 - event number: 528500442
- kinematics:
 - ele1 : $pt = 377 \text{ GeV}$, $\eta = 0.232$, $\phi = 2.66 \text{ rad}$
 - ele2 : $pt = 371 \text{ GeV}$, $\eta = -1.37$, $\phi = -0.493 \text{ rad}$
 - mass(ee) : 999 GeV
 - missing transverse energy : 9.2 GeV

CMS Experiment at LHC, CERN

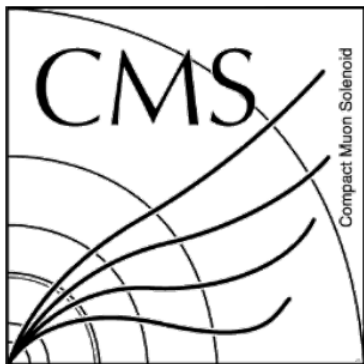
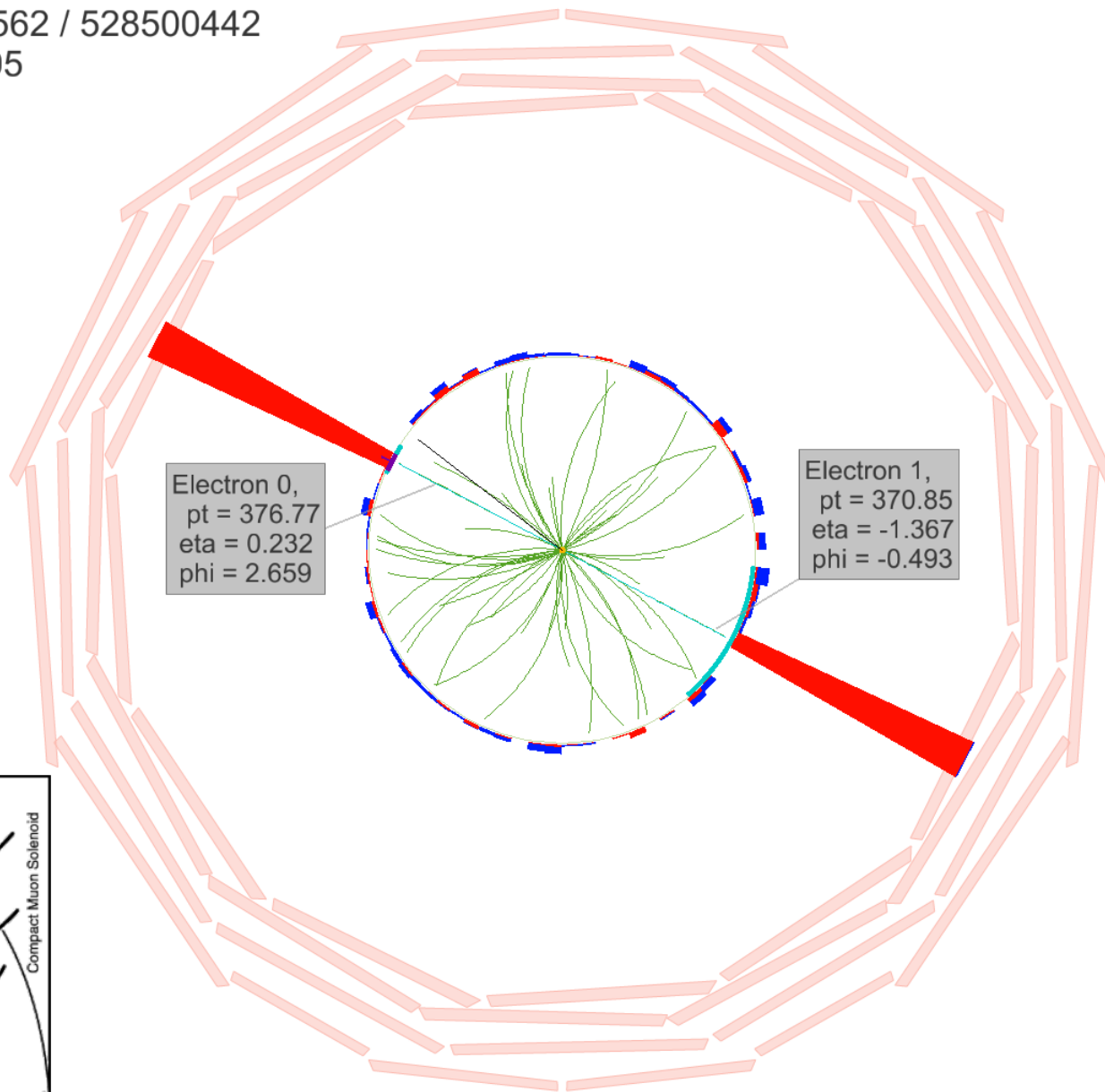
Data recorded: Sun Jul 12 10:33:05 2015 CEST

Run/Event: 251562 / 528500442

Lumi section: 605



CMS Experiment at LHC, CERN
Data recorded: Sun Jul 12 10:33:05 2015 CEST
Run/Event: 251562 / 528500442
Lumi section: 605



CMS Experiment at LHC, CERN
Data recorded: Sun Jul 12 10:33:05 2015 CEST
Run/Event: 251562 / 528500442
Lumi section: 605

Electron 0,
pt = 376.77
eta = 0.232
phi = 2.659

Electron 1,
pt = 370.85
eta = -1.367
phi = -0.493

