

The CMS logo is located in the top-left corner, featuring the letters 'CMS' in a stylized font above a graphic of particle tracks curving in a detector.

CMS Experiment at LHC, CERN

Data recorded: Tue Sep 29 09:12:59 2015 CEST

Run/Event: 257751 /537567601

Lumi section: 358

E_T^{miss}

$p_T = 68.20 \text{ GeV}$

$\phi = 2.382$

Electron

$p_T = 22.89 \text{ GeV}$

$\eta = -0.626$

$\phi = 2.663$

Muon

$p_T = 79.60 \text{ GeV}$

$\eta = -1.893$

$\phi = -2.974$

Jet

$p_T = 91.94 \text{ GeV}$

$\eta = -1.822$

$\phi = 1.706$

Jet

$p_T = 37.26 \text{ GeV}$

$\eta = 0.354$

$\phi = 0.483$

Jet

$p_T = 112.71 \text{ GeV}$

$\eta = 1.132$

$\phi = -0.345$

Jet

$p_T = 30.22 \text{ GeV}$

$\eta = 1.036$

$\phi = -0.805$

Muon

$p_T = 59.51 \text{ GeV}$

$\eta = -2.217$

$\phi = -1.487$

Z

$M = 95.83 \text{ GeV}$

A red square represents the Z boson decay into two muons. A red dashed line with arrows at both ends passes through the center of the detector, representing the Z boson's path. A black coordinate system with a vertical Z-axis and a horizontal axis is shown below the detector.