

$$p_T > 9 \text{ GeV}$$

Trigger muon  $|\eta| < 1.5$

$$d_{xy} / \Delta d_{xy} > 6$$

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$$E_T^{5 \times 5} > 20 \text{ GeV}$$

$$|\eta_{SC}| < 1.4442$$

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$$\Delta z(\mathbf{e}_1, \mu_{\text{tag}}) < 0.1 \text{ cm}$$

Electron  $\Delta z(\mathbf{e}_2, \mu_{\text{tag}}) < 0.1 \text{ cm}$

$$\Delta R(\mathbf{e}_2, \mu_{\text{tag}}) > 0.1$$

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$$\text{Vertex fit probability} > 0.01$$

$$2.5 < m_{ee} < 4.0 \text{ GeV}$$