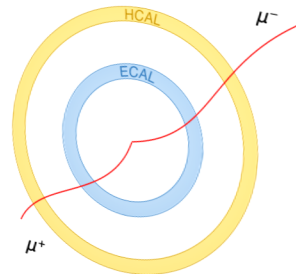
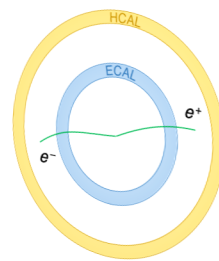
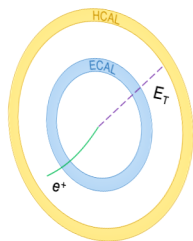
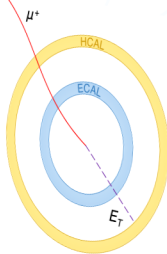
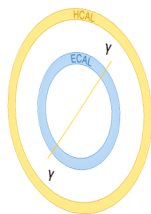
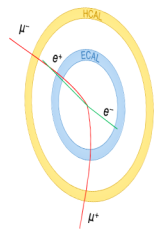
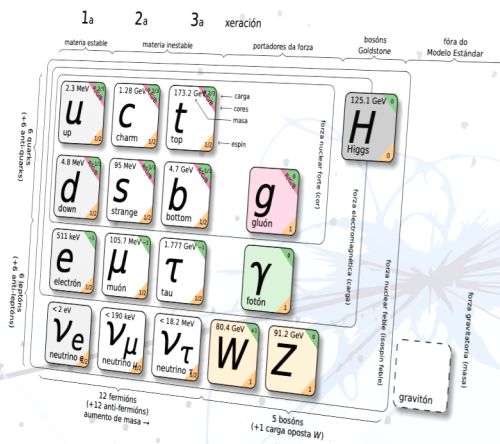




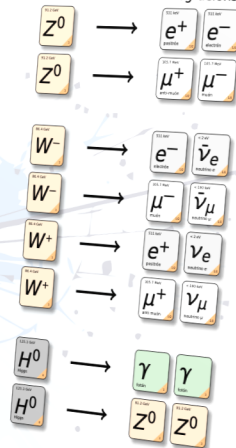
Candidatos a bosón de Higgs
 anotar a sua massa invariante pulsando nas massas e premendo a tecla **[M]**



Limiar
 Nos eventos com W^+ a energia transversa (E_T) não está balanceada devido à presença do neutrino. Normalmente, teremos $E_T > 20$ GeV e uma traza no estado final.
 Nos eventos com Z esperamos um bom balance de E_T (não será perfeito devido à eficiência de reconstrução). Tipicamente, teremos $E_T < 20$ GeV e duas trazas no estado final.



Imos estudar as desintegrações:



Para o que precisamos ter activadas as seguintes opções:

- HCAL barrel [xeometria]
- ECAL barrel [xeometria]
- Missing E_T (Reco) [trazas]
- Electron Tracks [trazas]
- Global muons (GSF) [trazas]
- Photons (Reco) [trazas]
- Barrel Rec. Hits
- Endcap Rec. Hits
- DT Rec. Hits
- Vertices (Reco) [opcional]