

ATLAS Collaboration(Aad, G. et al), Amoros, G., Cabrera Urban, S., Castillo Gimenez, V., Costa, M. J., Ferrer, A., et al. (2012). Search for the Standard Model Higgs boson in the decay channel  $H \rightarrow ZZ^{(*)} \rightarrow 4l$  with 4.8  $\text{fb}^{-1}$  of  $pp$  collision data at root  $s=7$  TeV with ATLAS. *Phys. Lett. B*, 710(3), 383–402.