

Cross Section Table of Z' - 2HDM Model

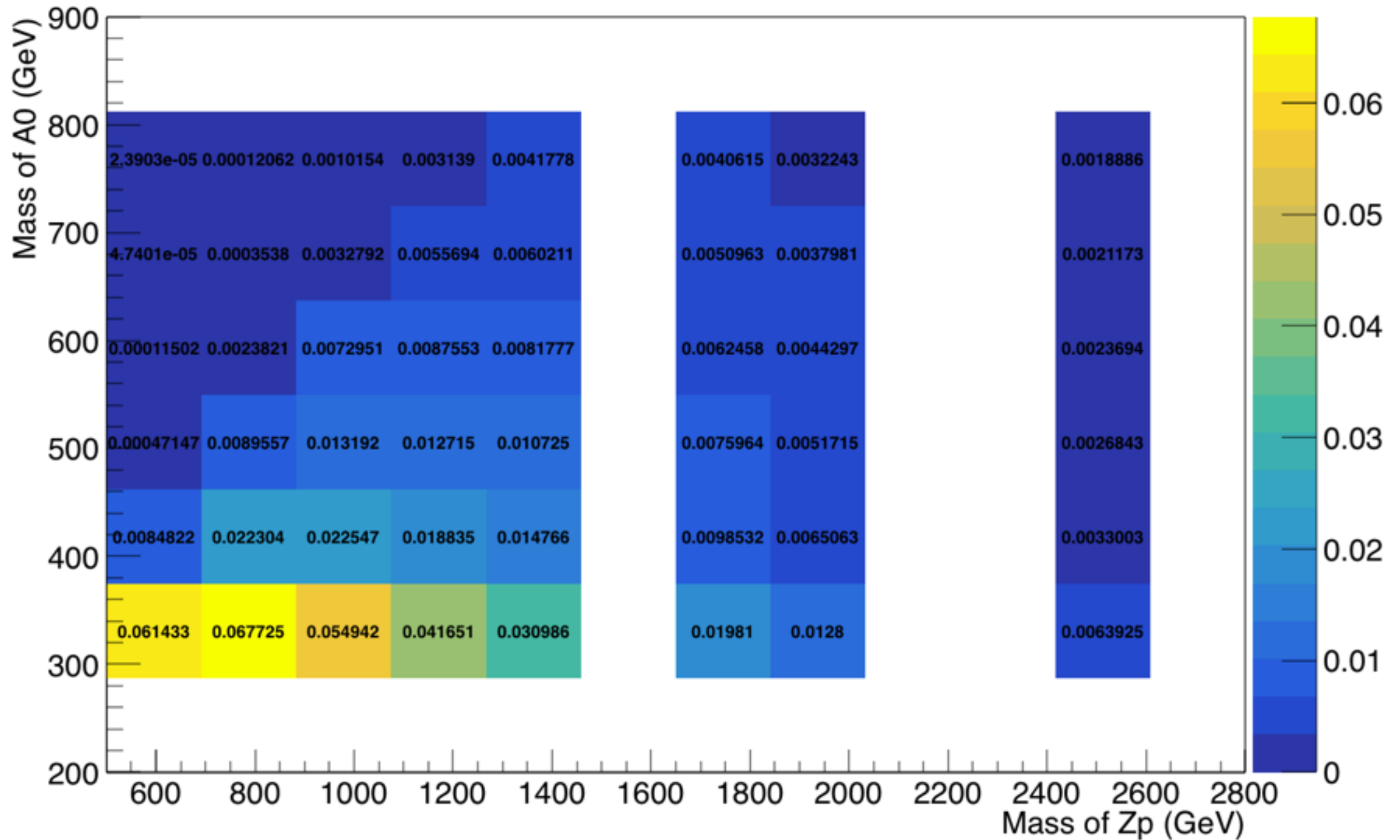
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updated cross section for gz=formula (process of Z' > A0(xx)+h):

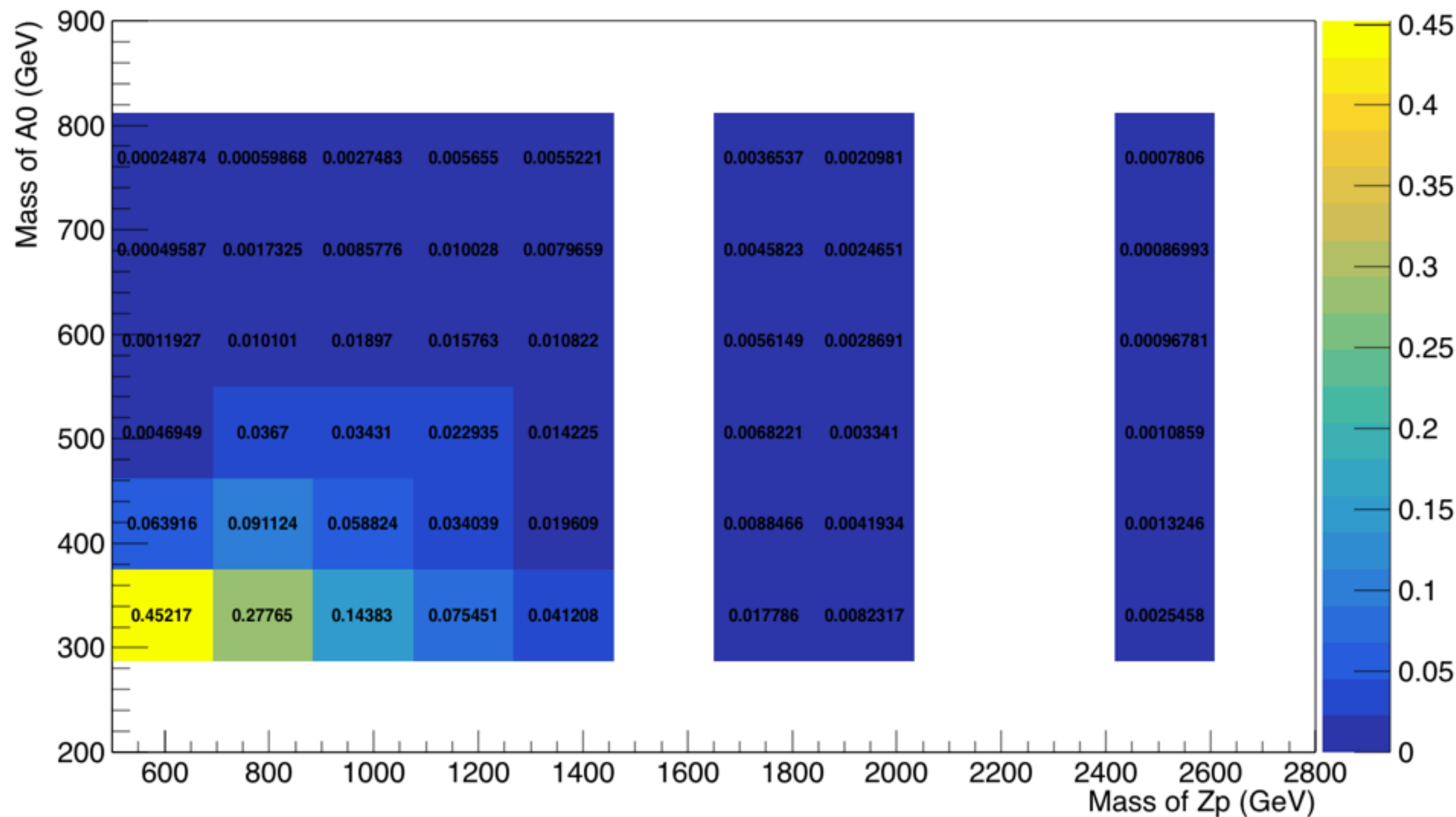
Xsec(gz=formula), 263400 setting, unit: pb



$$\text{formula} = 0.03 * (\text{gw} / (\text{cw} * \text{Sb} ** 2)) * (\text{MZp} ** 2 - \text{MZ} ** 2) ** 0.5 / \text{MZ}$$

updated cross section for $g_z=0.8$ (process of $Z' > A_0(xx)+h$):

Xsec($g_z=0.8$), 263000 setting, unit:pb



Location of Root File of Xsec Table

- /afs/cern.ch/user/f/fatsai/public/ScanPlot_formula.root
- /afs/cern.ch/user/f/fatsai/public/ScanPlot_gz08.root