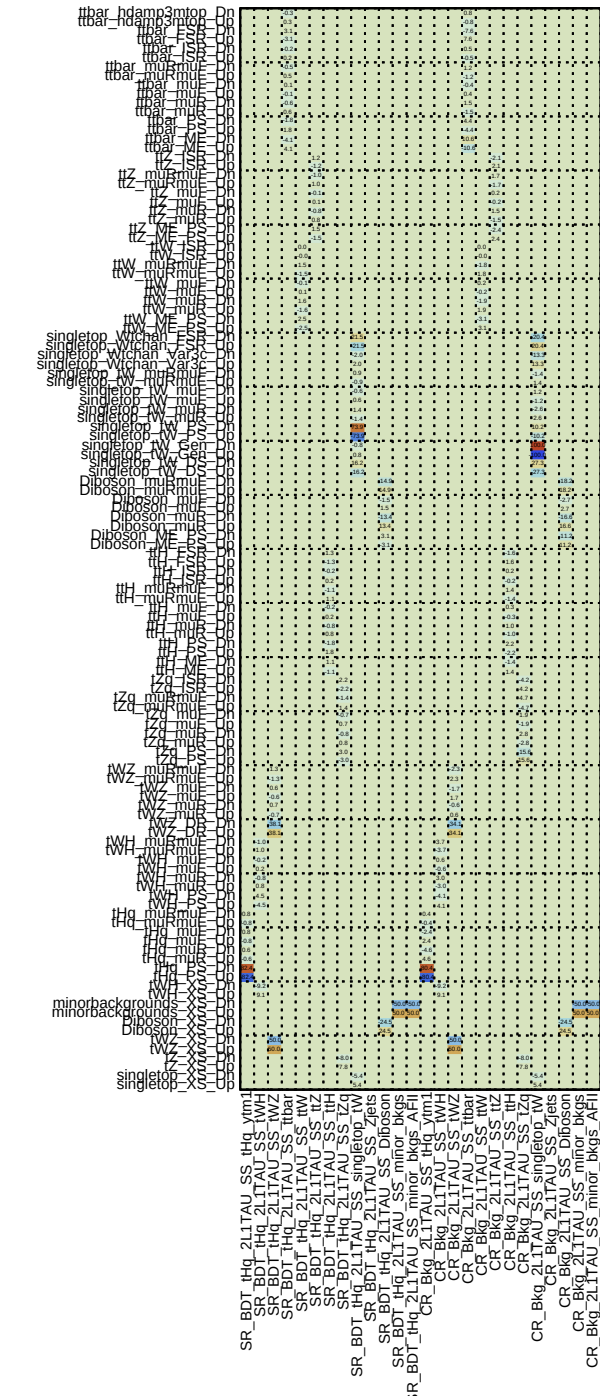
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ttbar_hdamp3mtop_Up
ttbar_FSR_Dn
ttbar_FSR_Up
ttbar_ISR_Dn
ttbar_ISR_Up
ttbar_muRmuF_Dn
ttbar_muRmuF_Up
ttbar_muF_Dn
ttbar_muF_Up
ttbar_muR_Dn
ttbar_muR_Up
ttbar_PS_Dn
ttbar_PS_Up
ttbar_ME_Dn
ttbar_ME_Up
ttZ_ISR_Dn
ttZ_ISR_Up
ttZ_muRmuF_Dn
ttZ_muRmuF_Up
ttZ_muF_Dn
ttZ_muF_Up
ttZ_muR_Dn
ttZ_muR_Up
ttZ_ME_PS_Dn
ttZ_ME_PS_Up
ttW_ISR_Dn
ttW_ISR_Up
ttW_muRmuF_Dn
ttW_muRmuF_Up
ttW_muF_Dn
ttW_muF_Up
ttW_muR_Dn
ttW_muR_Up
ttW_ME_PS_Dn
ttW_ME_PS_Up
singletop_Wtchan_FSR_Dn
singletop_Wtchan_FSR_Up
singletop_Wtchan_Var3c_Dn
singletop_Wtchan_Var3c_Up
singletop_tW_muRmuF_Dn
singletop_tW_muF_Dn
singletop_tW_muF_Up
singletop_tW_muR_Dn
singletop_tW_muR_Up
singletop_tW_PS_Dn
singletop_tW_PS_Up
singletop_tW_Gen_Dn
singletop_tW_Gen_Up
singletop_tW_FSR_Dn
singletop_tW_FSR_Up
singletop_tW_ISR_Dn
singletop_tW_ISR_Up
Diboson_muRmuF_Dn
Diboson_muRmuF_Up
Diboson_muF_Dn
Diboson_muF_Up
Diboson_muR_Dn
Diboson_muR_Up
Diboson_ME_PS_Dn
Diboson_ME_PS_Up
ttH_FSR_Dn
ttH_FSR_Up
ttH_ISR_Dn
ttH_ISR_Up
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ttH_muR_Dn
ttH_muR_Up
ttH_PS_Dn
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ttH_ME_Dn
ttH_ME_Up
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tWH_XS_Up
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minorbackgrounds_XS_Up
Diboson_XS_Dn
Diboson_XS_Up
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tZ_XS_Up
singletop_XS_Dn
singletop_XS_Up
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