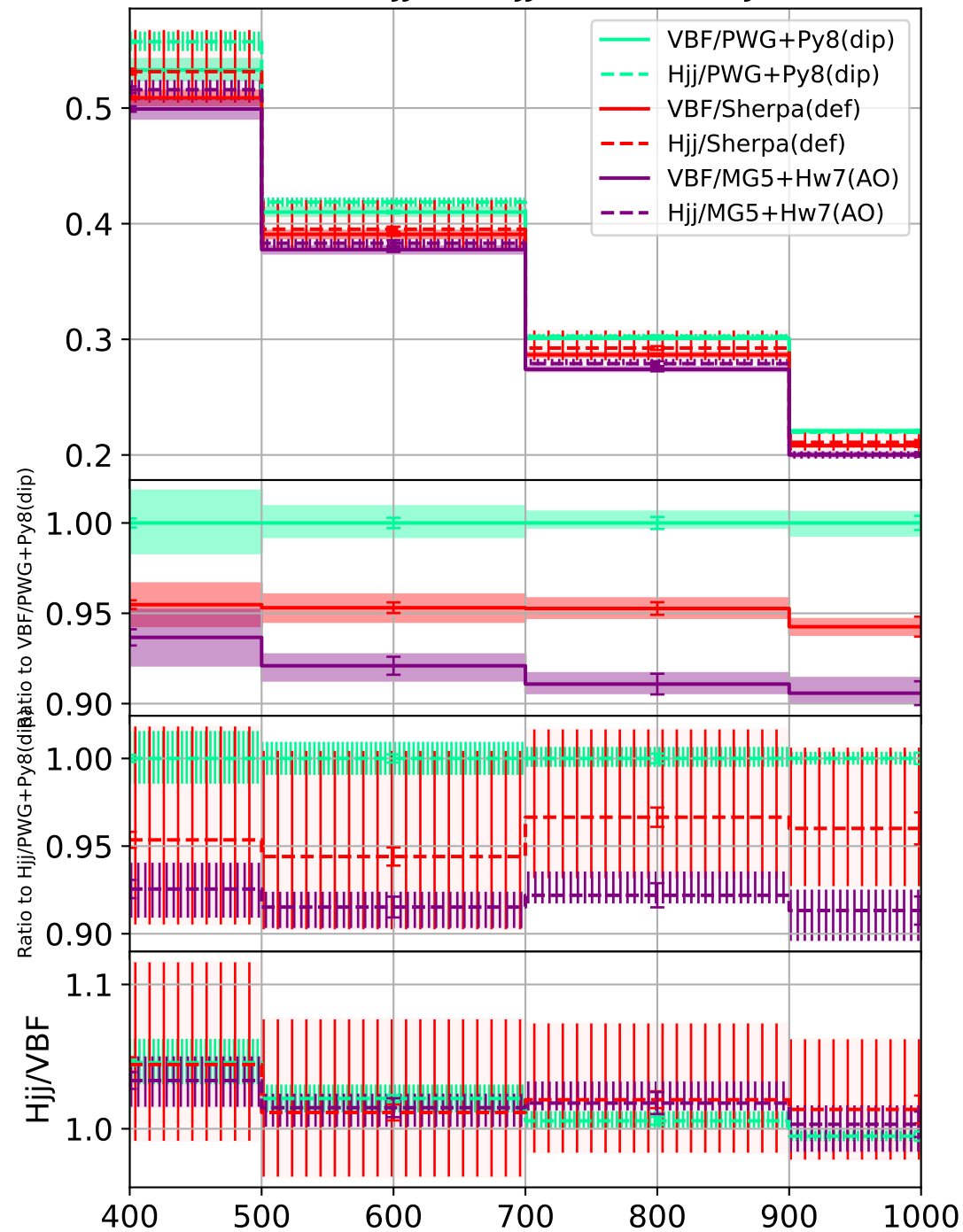
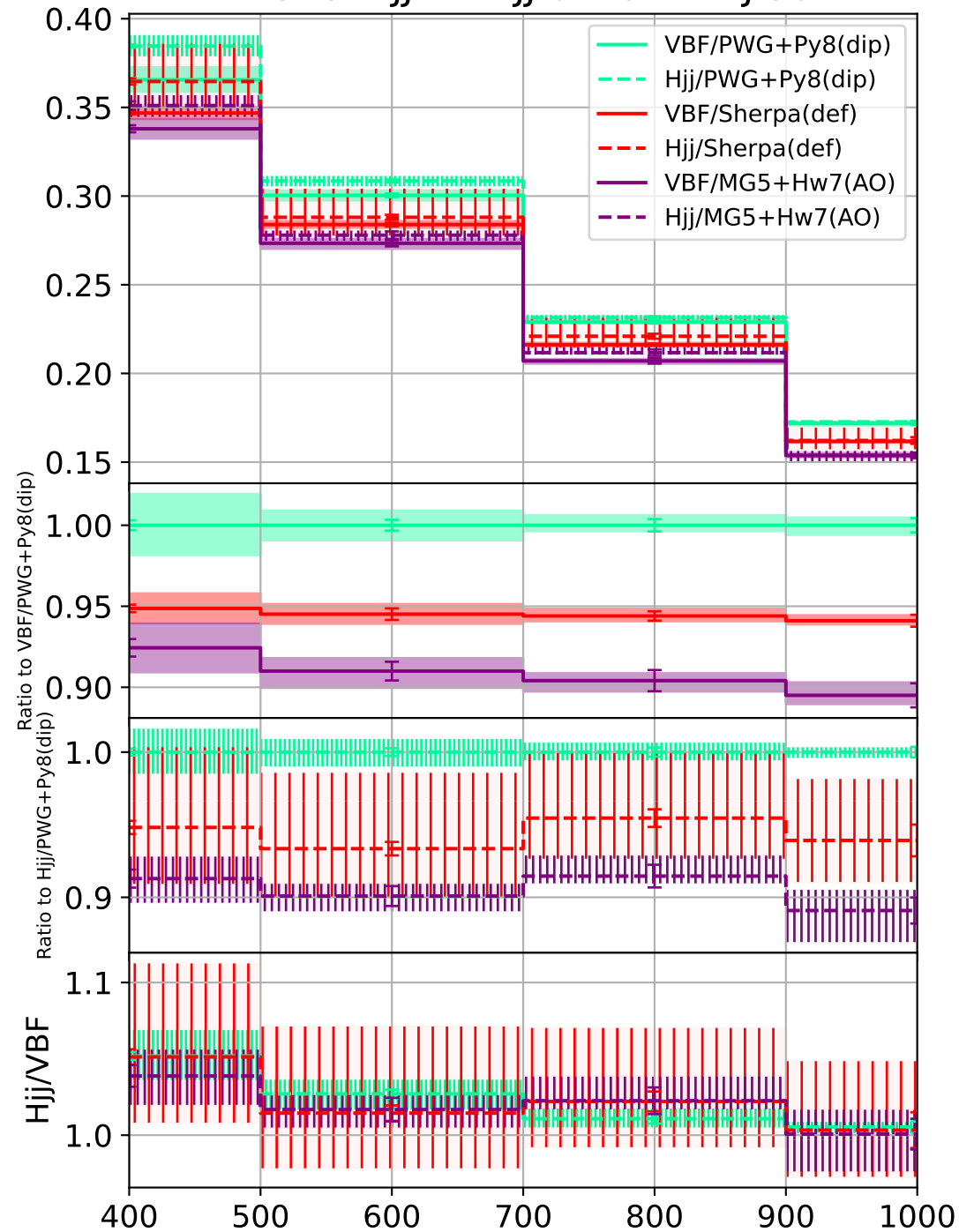


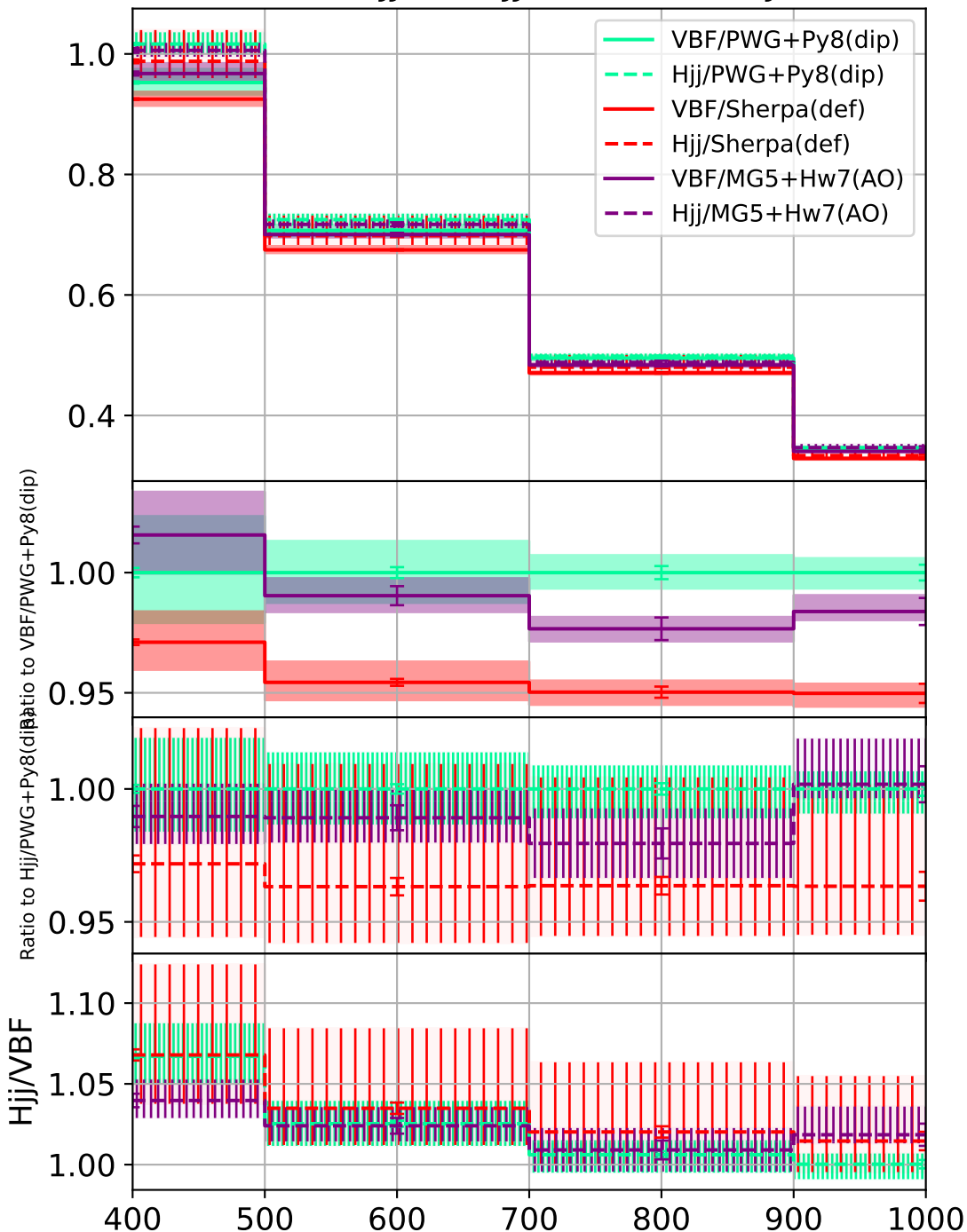
HISTO-MJJ-DPHIJJ-0-Plov4-PTJ-20



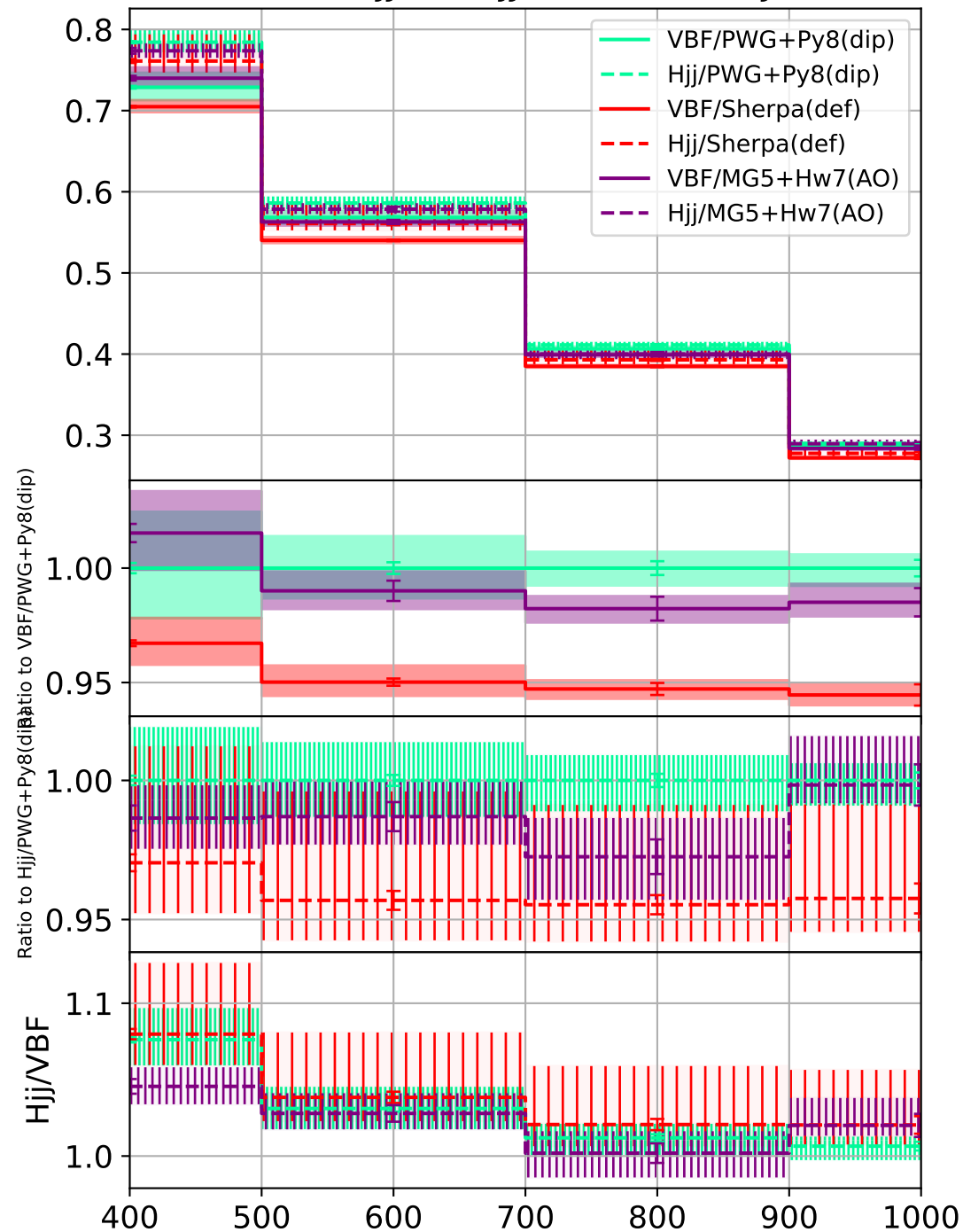
HISTO-MJJ-DPHIJJ-0-Plpv4-PTJ-30



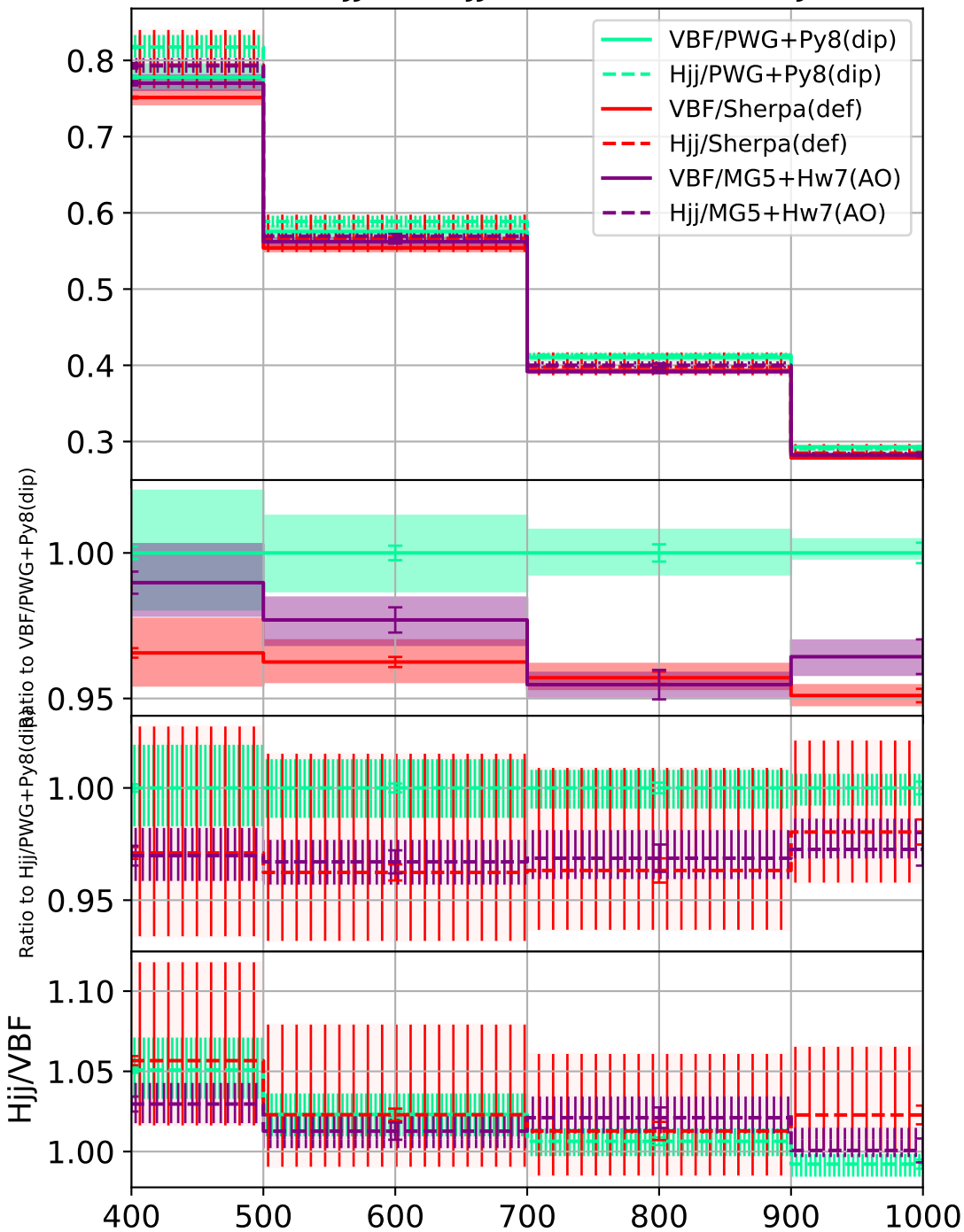
HISTO-MJJ-DPHIJJ-3PIov4-PI-PTJ-20



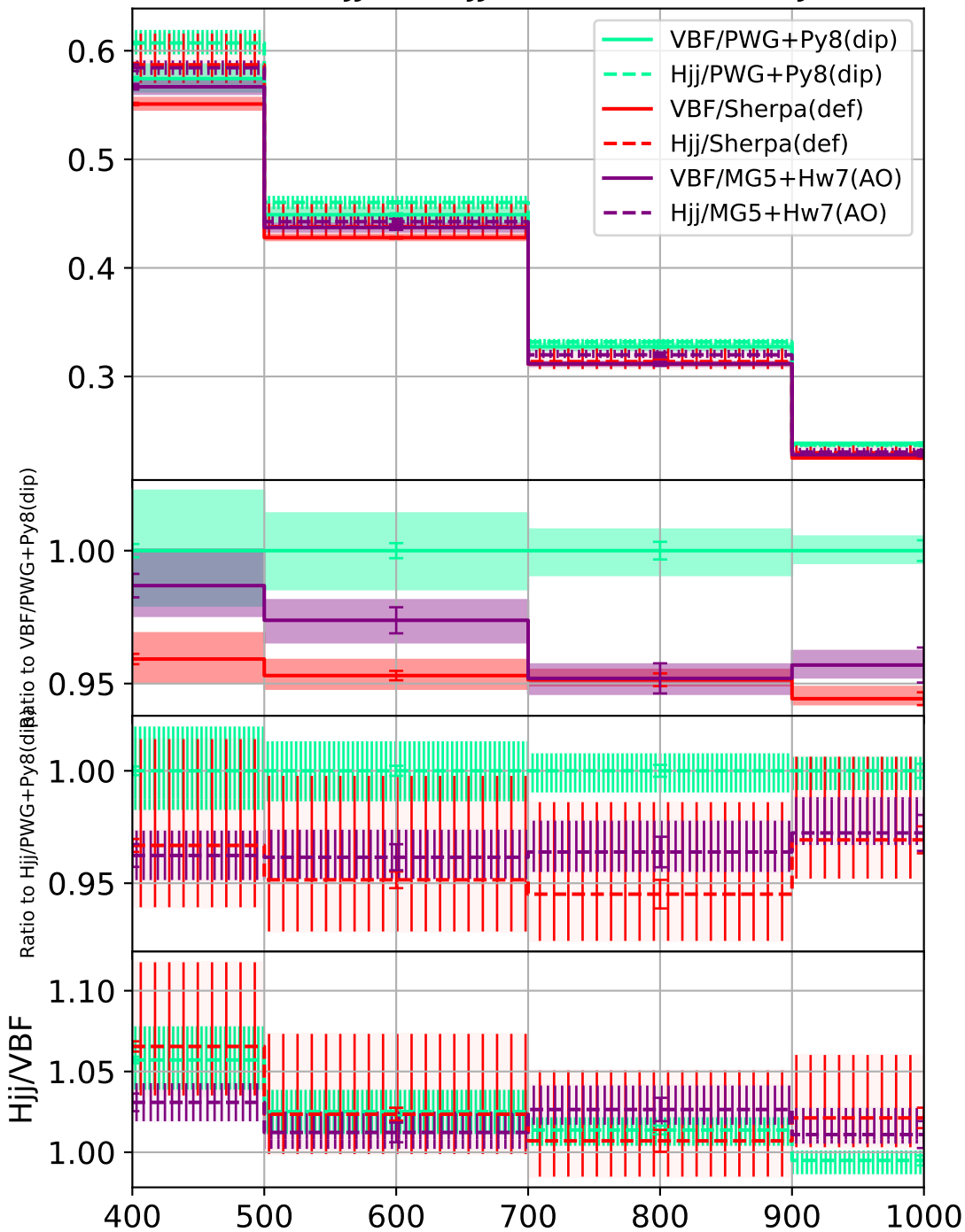
HISTO-MJJ-DPHIJJ-3PIov4-PI-PTJ-30



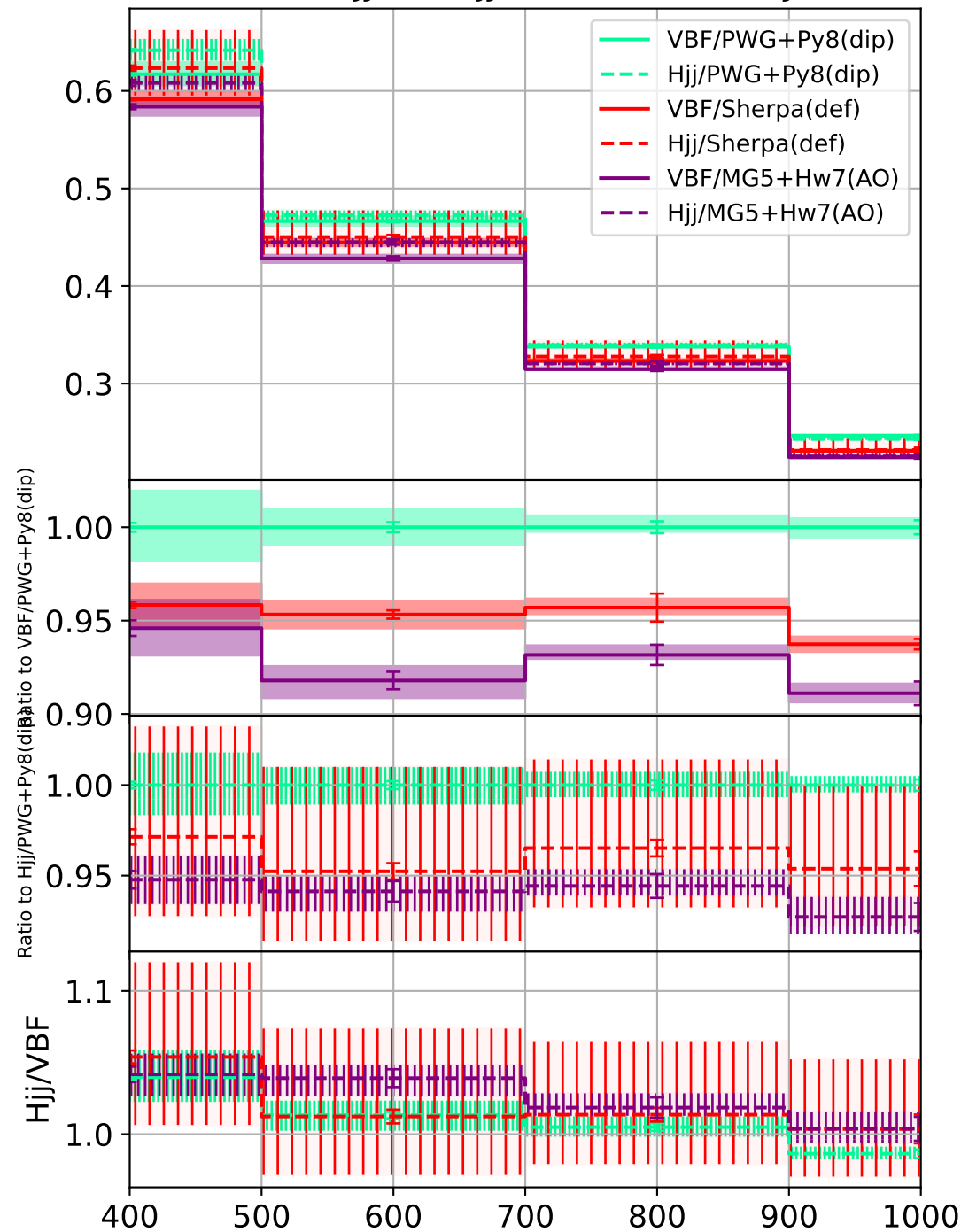
HISTO-MJJ-DPHIJJ-Plöv2-3Plöv4-PTJ-20



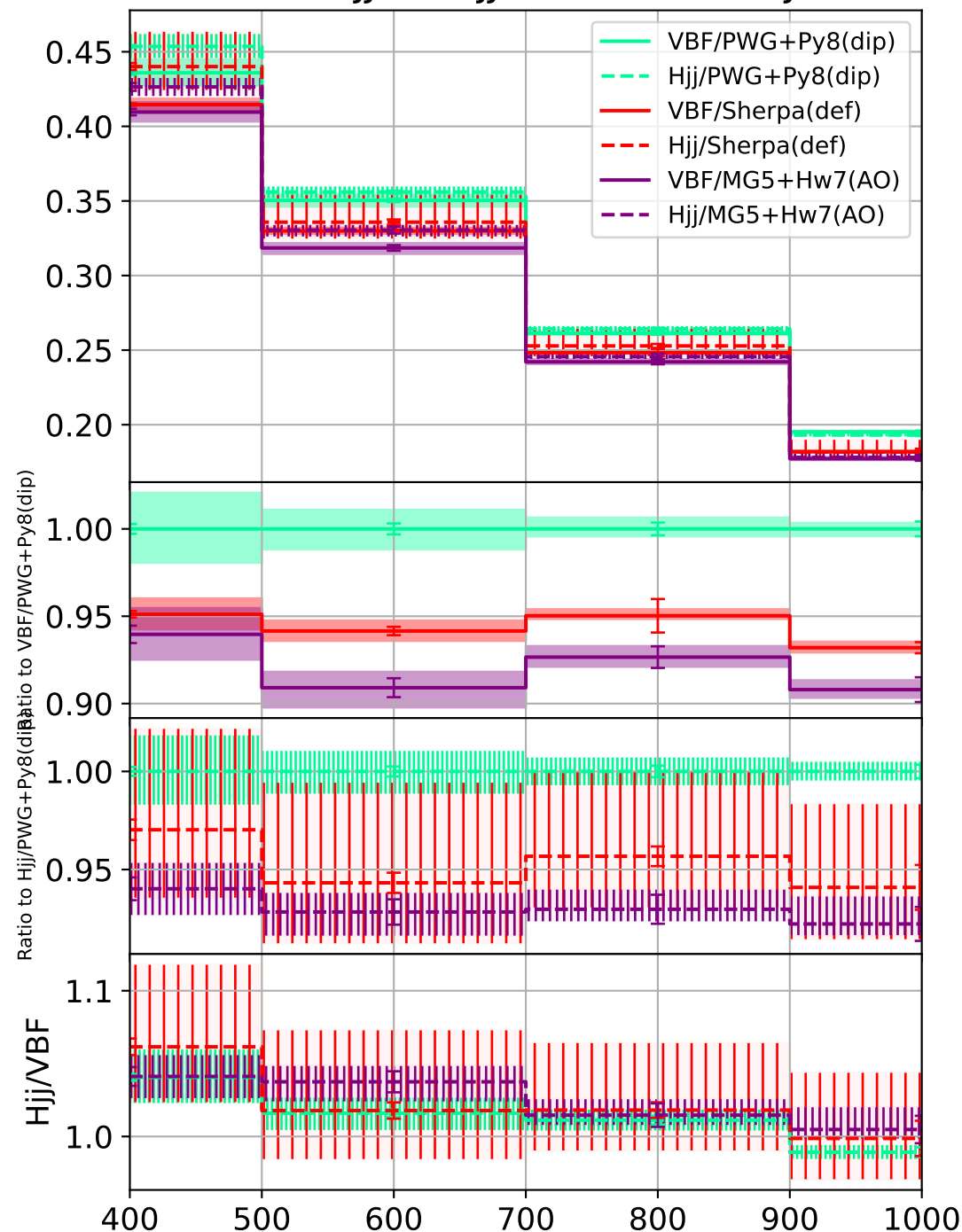
HISTO-MJJ-DPHIjj-Plov2-3Plov4-PTJ-30



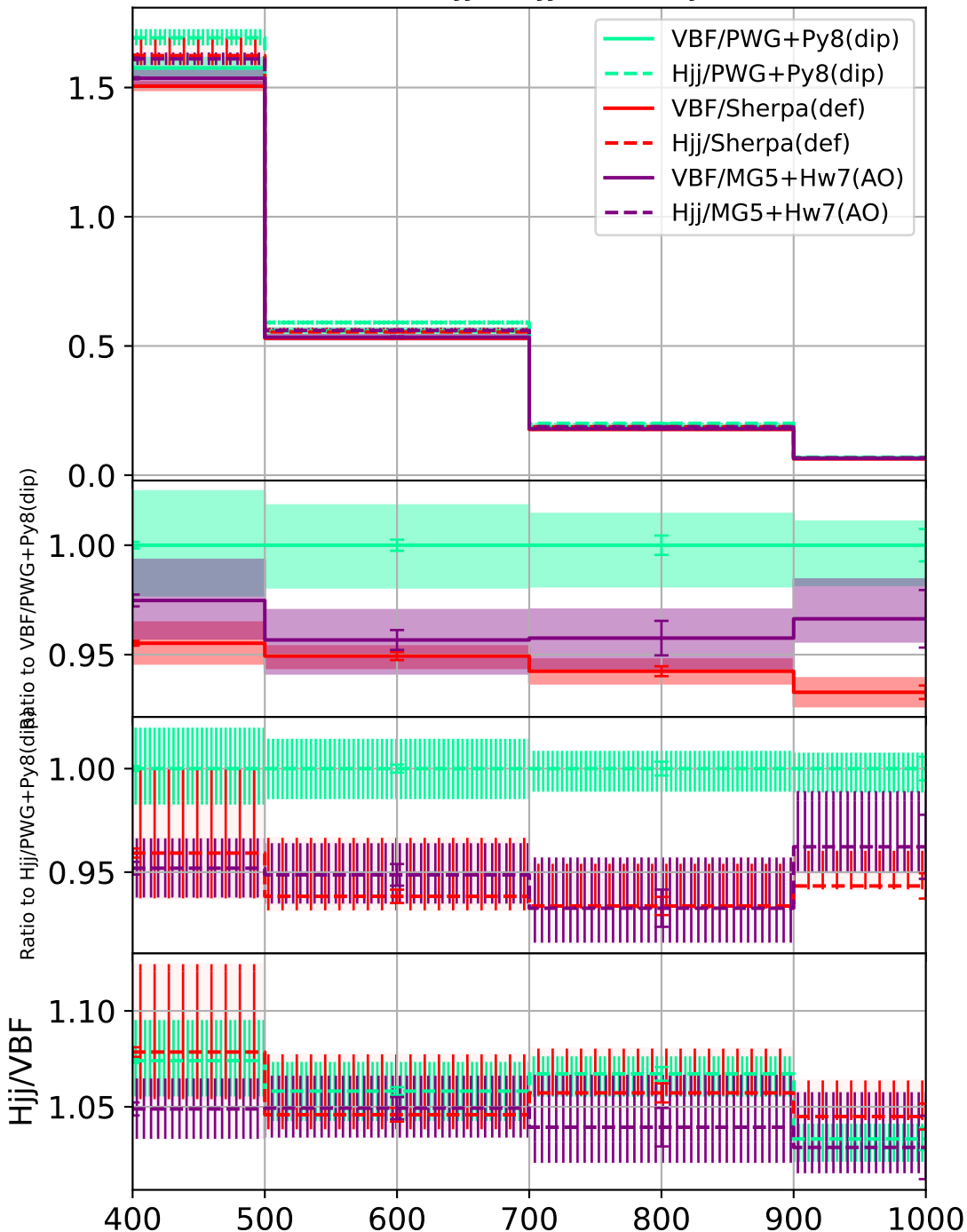
HISTO-MJJ-DPHIJJ-Plov4-Plov2-PTJ-20



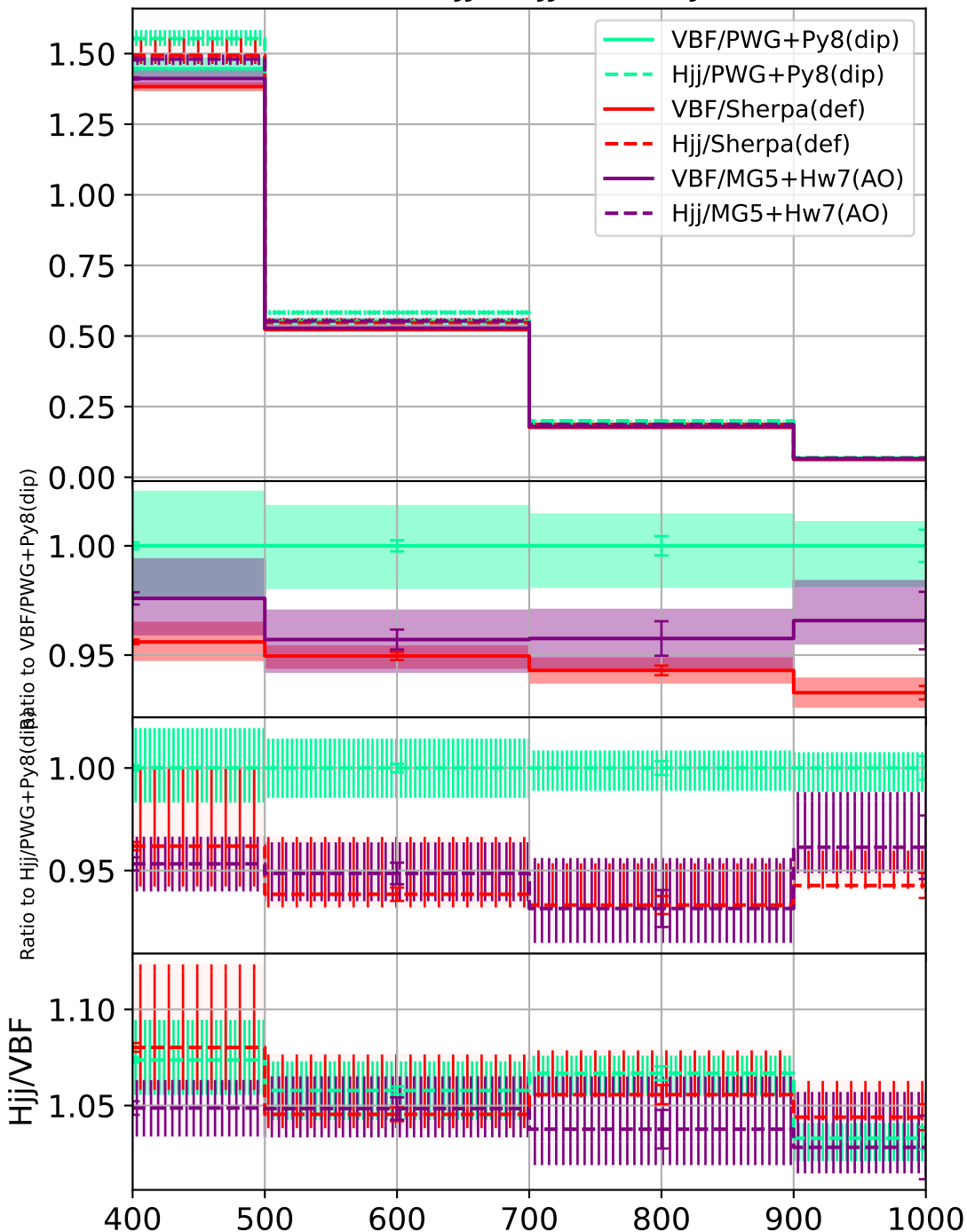
HISTO-MJJ-DPHIJJ-Plov4-Plov2-PTJ-30



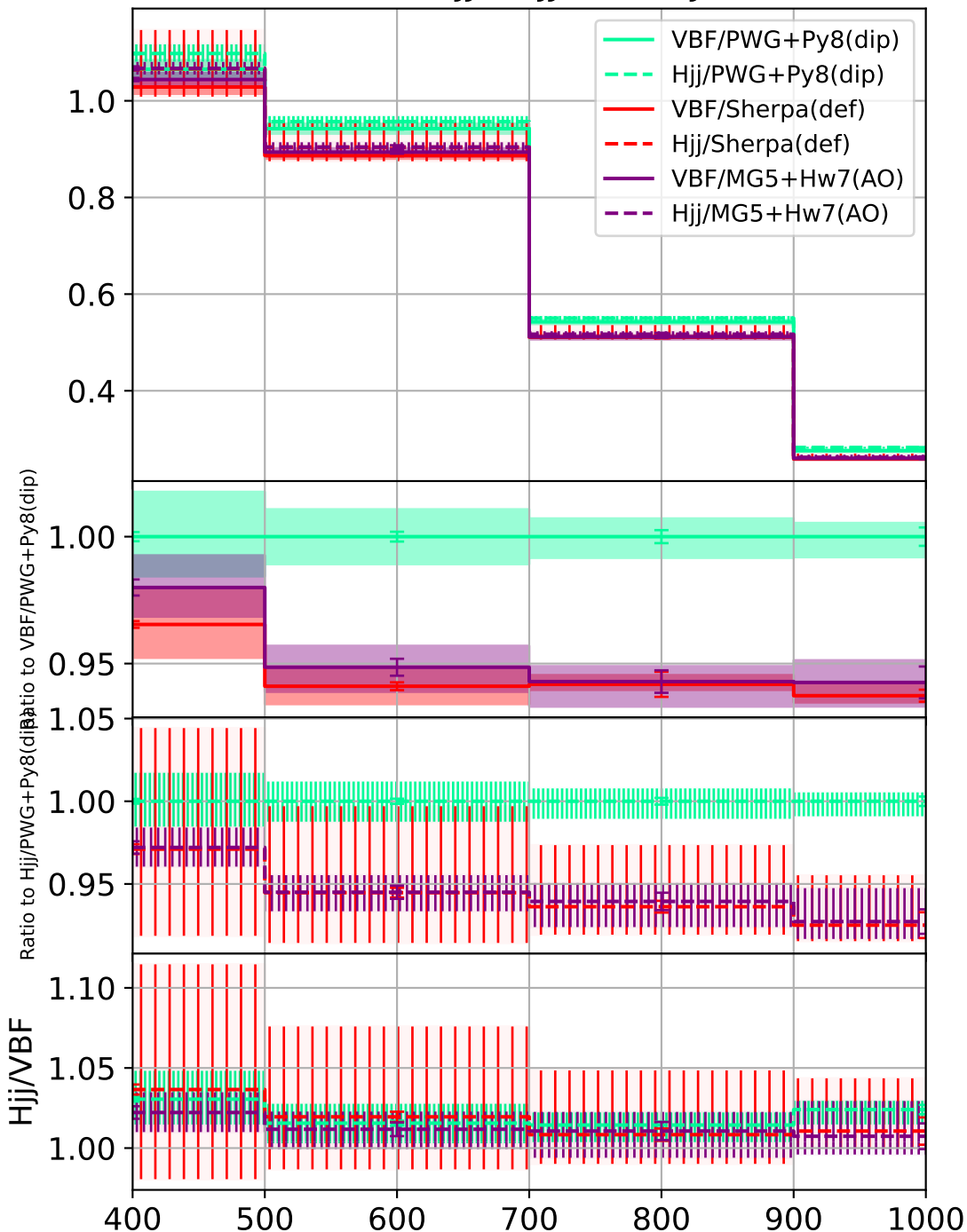
HISTO-MJJ-DYJJ-2-4-PTJ-20



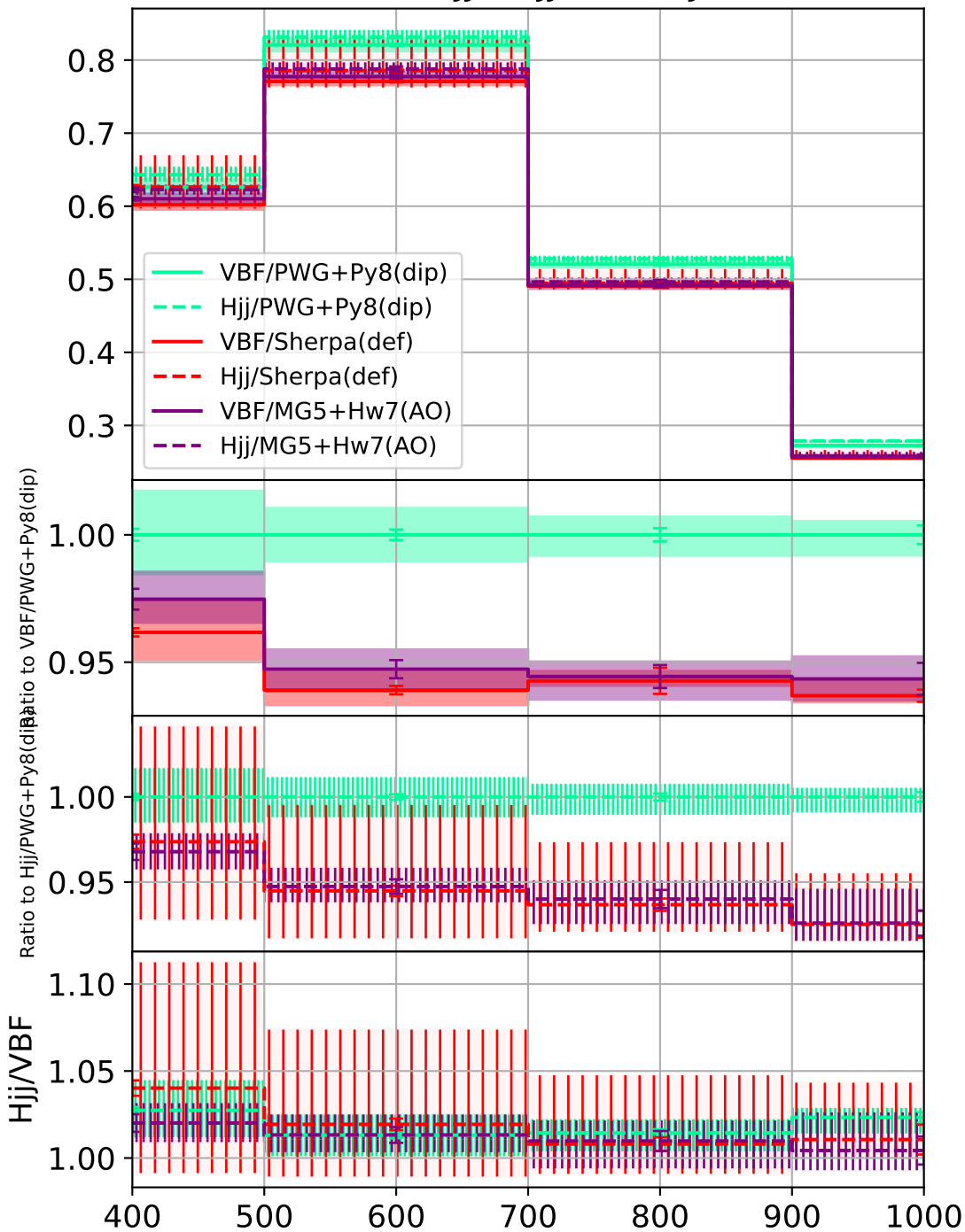
HISTO-MJJ-DYJJ-2-4-PTJ-30



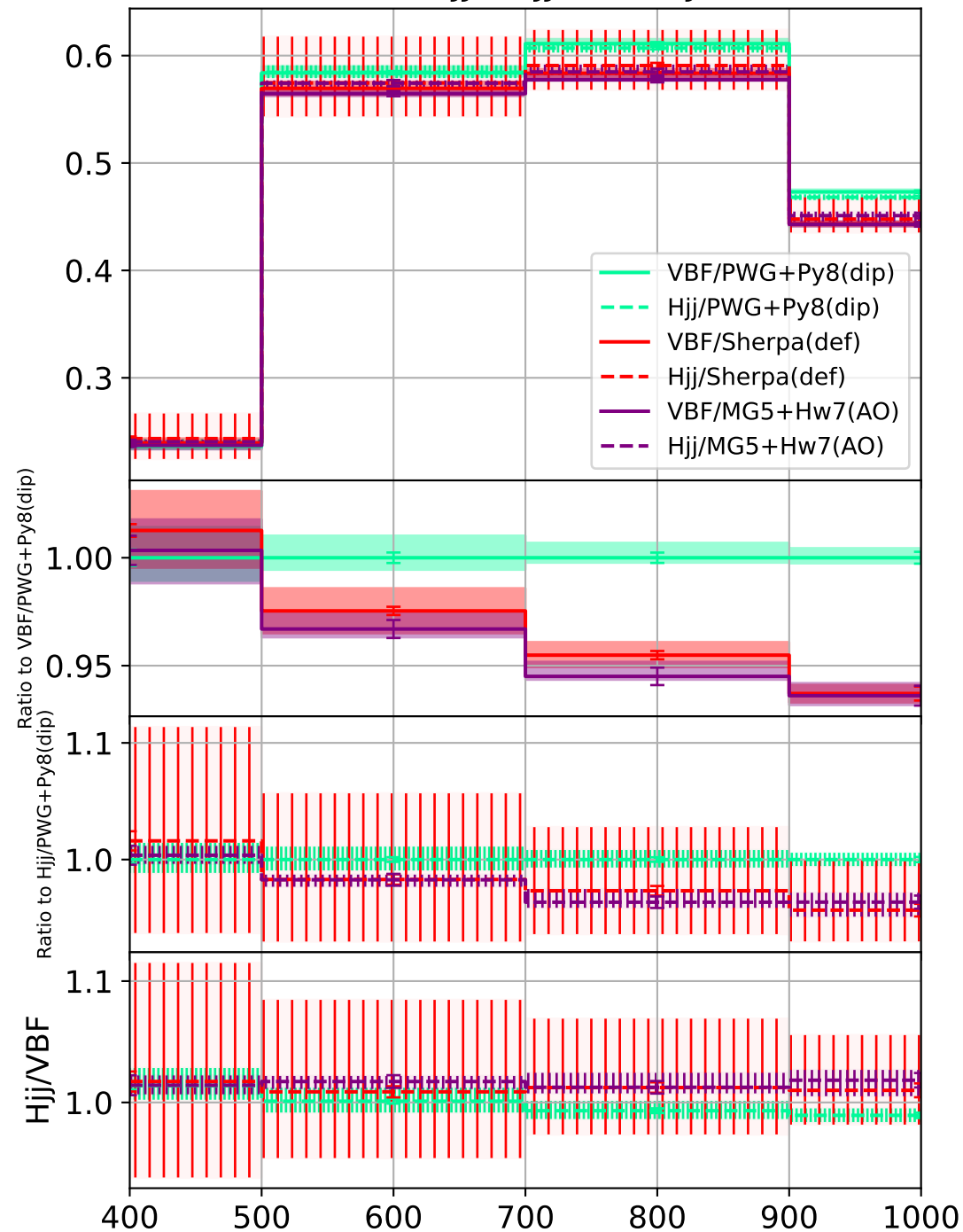
HISTO-MJJ-DYJJ-4-5-PTJ-20



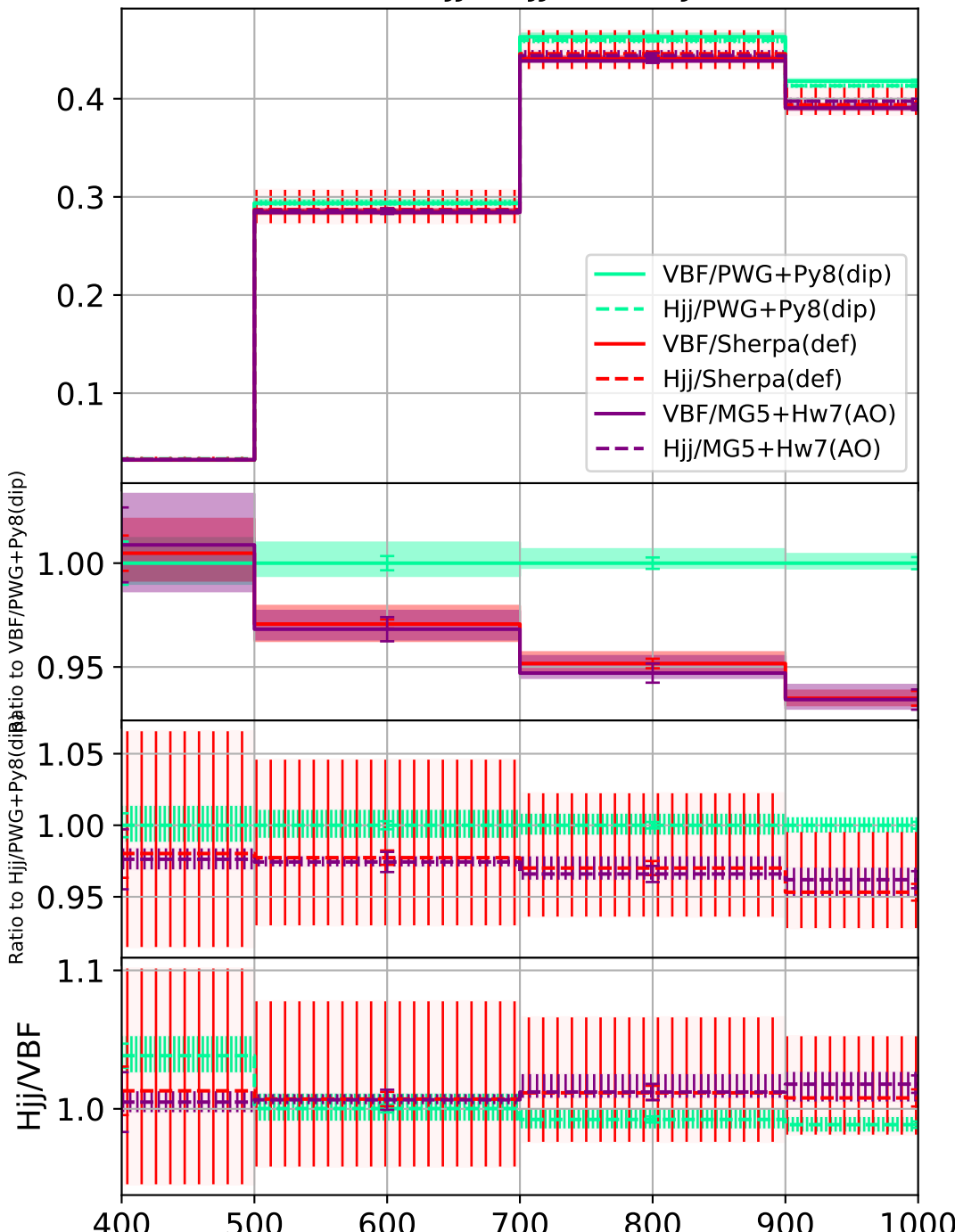
HISTO-MJJ-DYJJ-4-5-PTJ-30



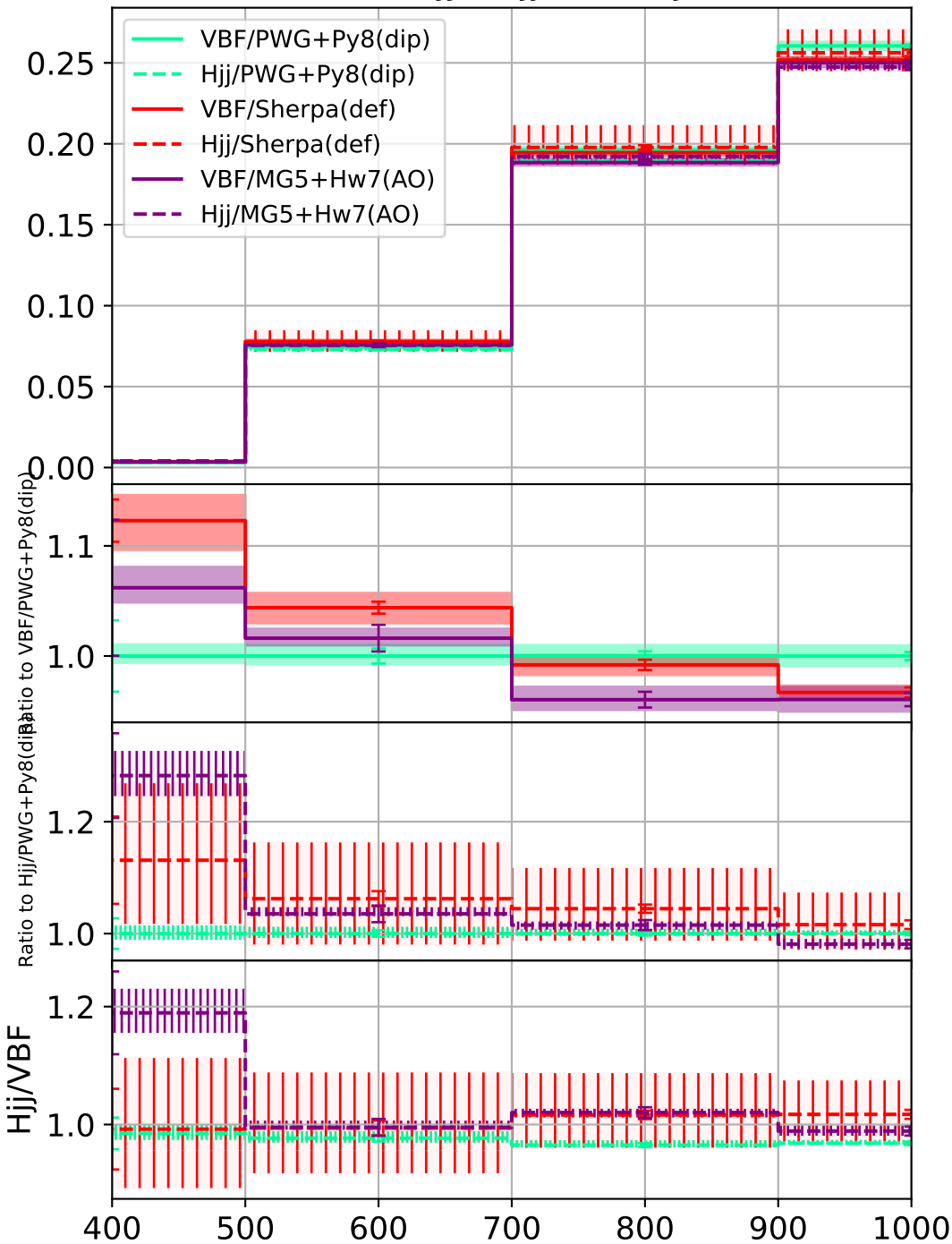
HISTO-MJJ-DYJJ-5-6-PTJ-20



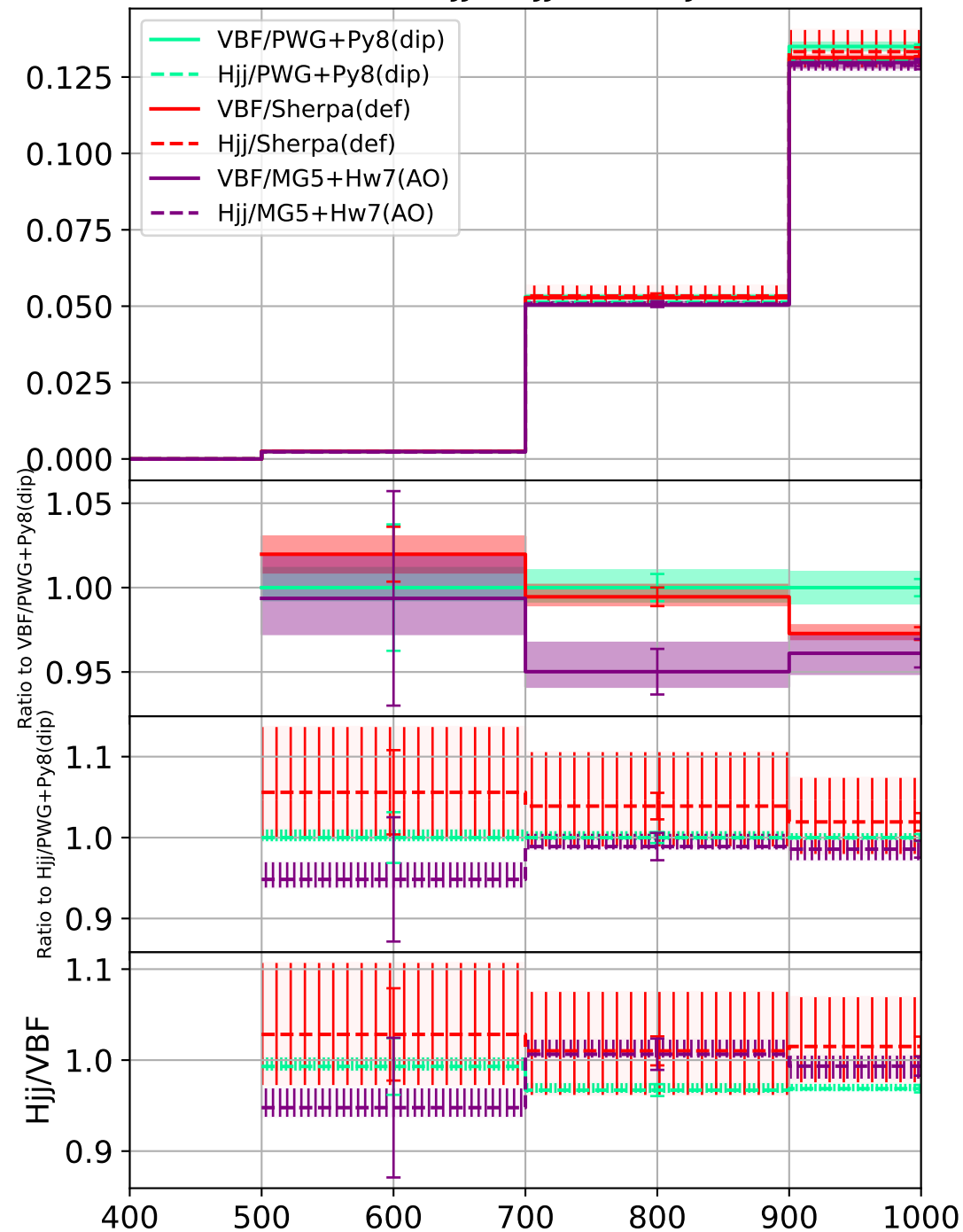
HISTO-MJJ-DYJJ-5-6-PTJ-30



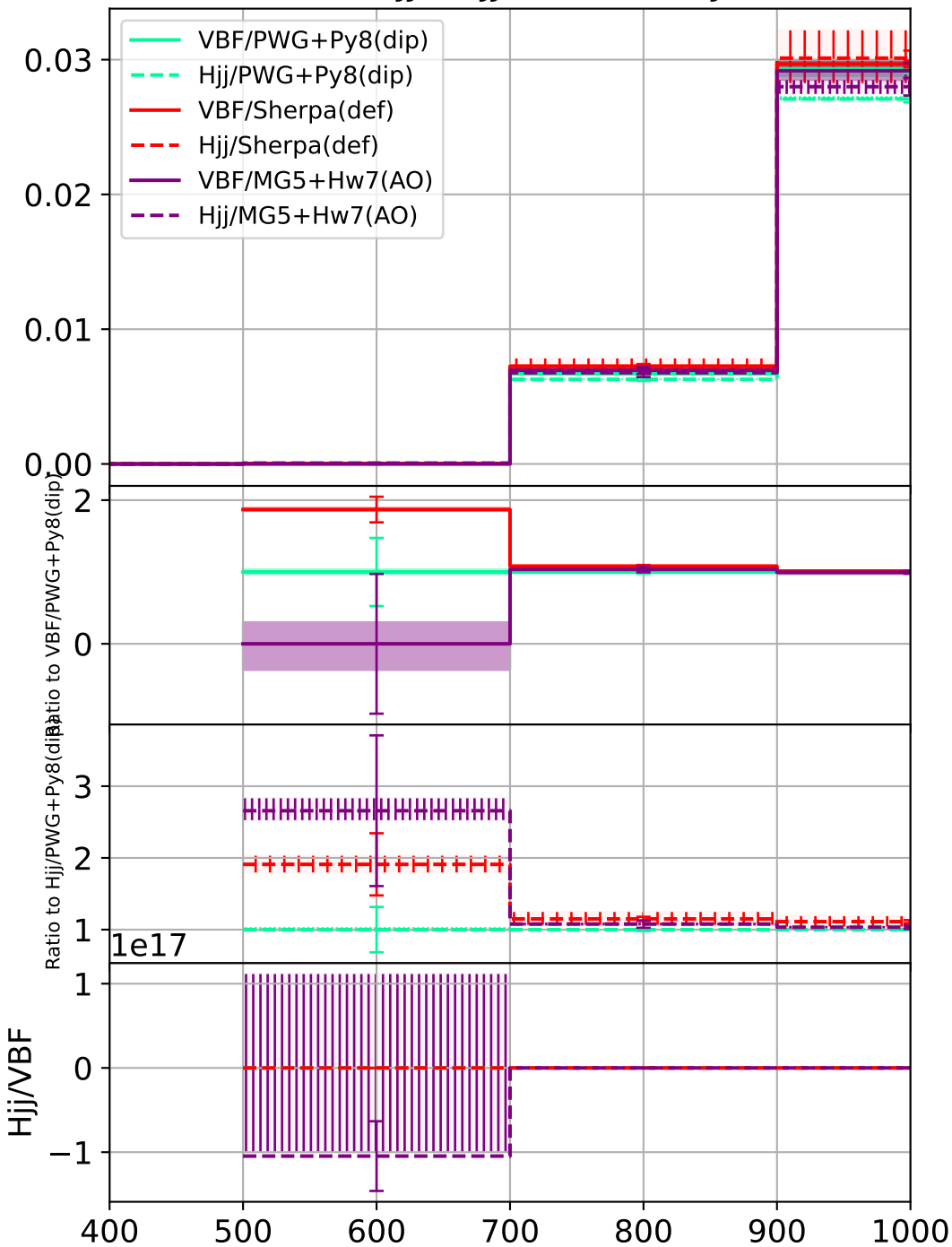
HISTO-MJJ-DYJJ-6-7-PTJ-20



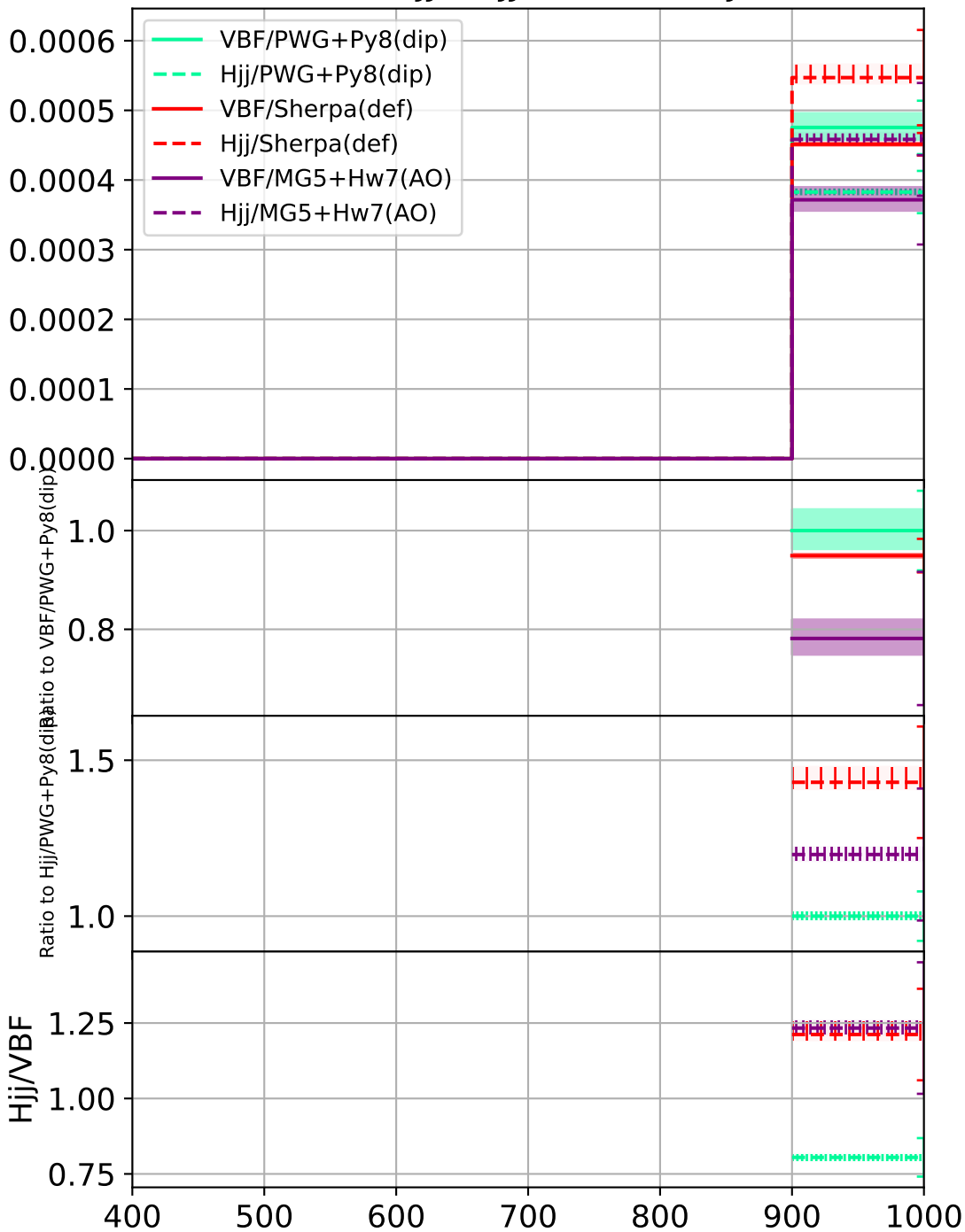
HISTO-MJJ-DYJJ-6-7-PTJ-30



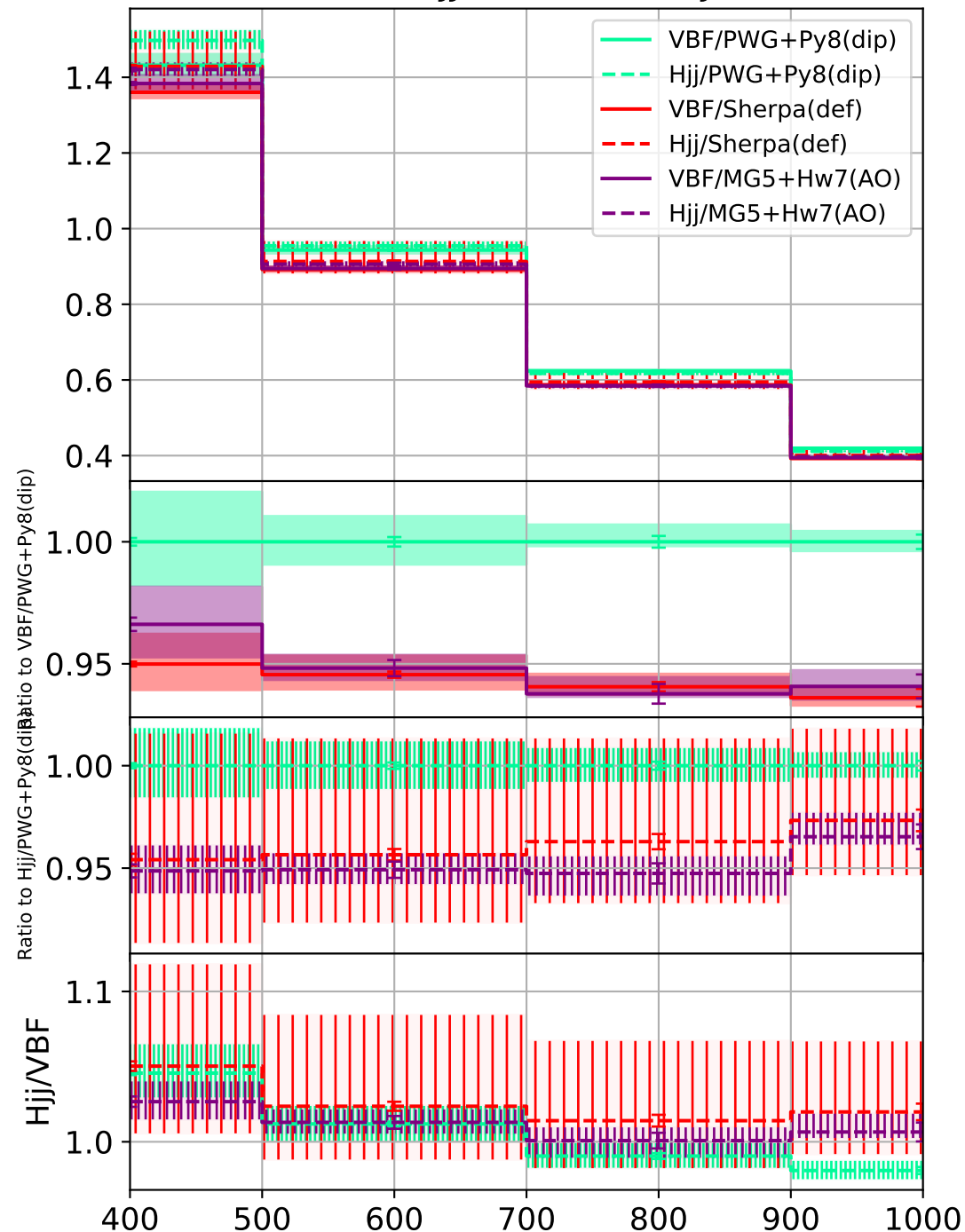
HISTO-MJJ-DYJJ-7-INFTY-PTJ-20



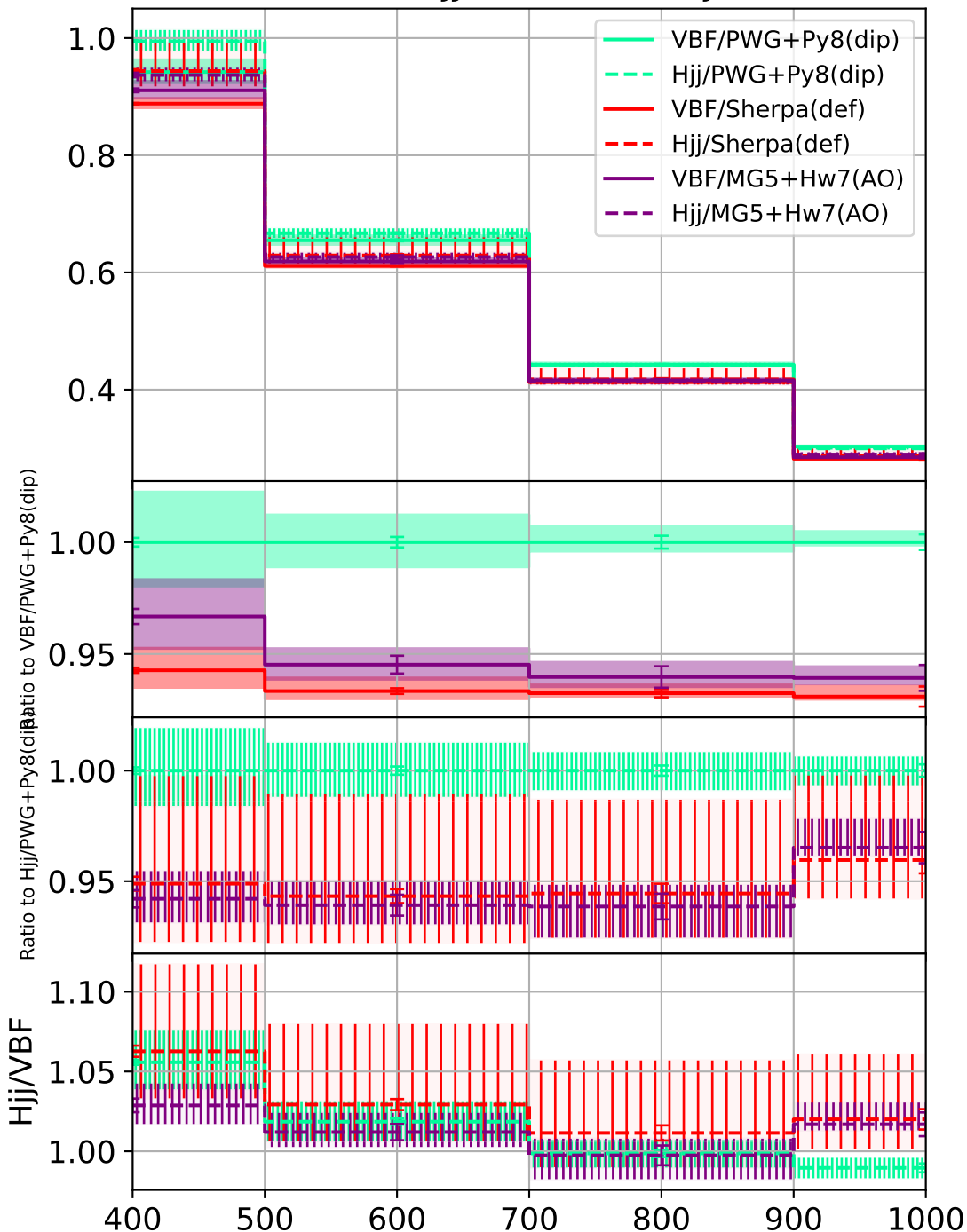
HISTO-MJJ-DYJJ-7-INFTY-PTJ-30



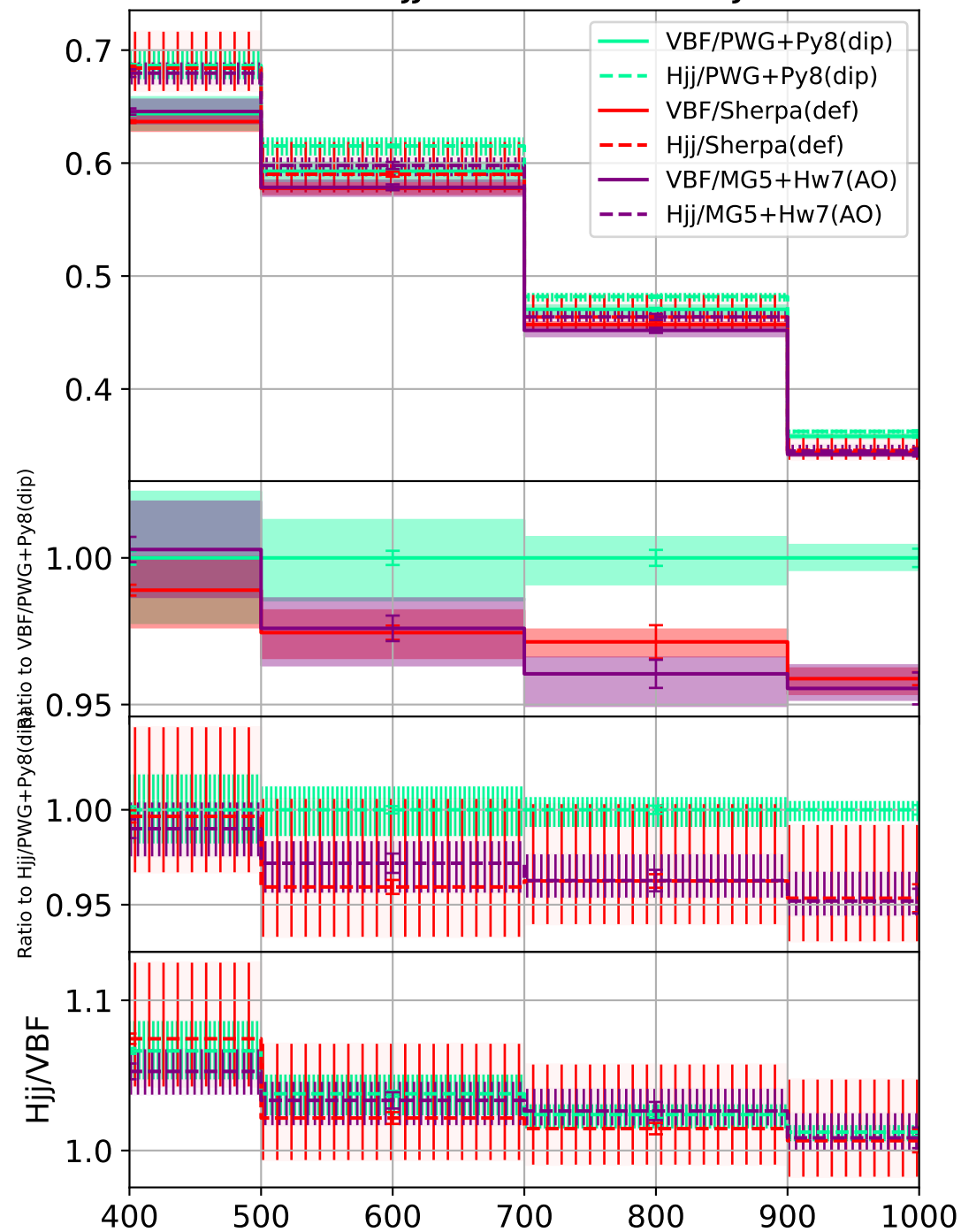
HISTO-MJJ-PTH-0-80-PTJ-20



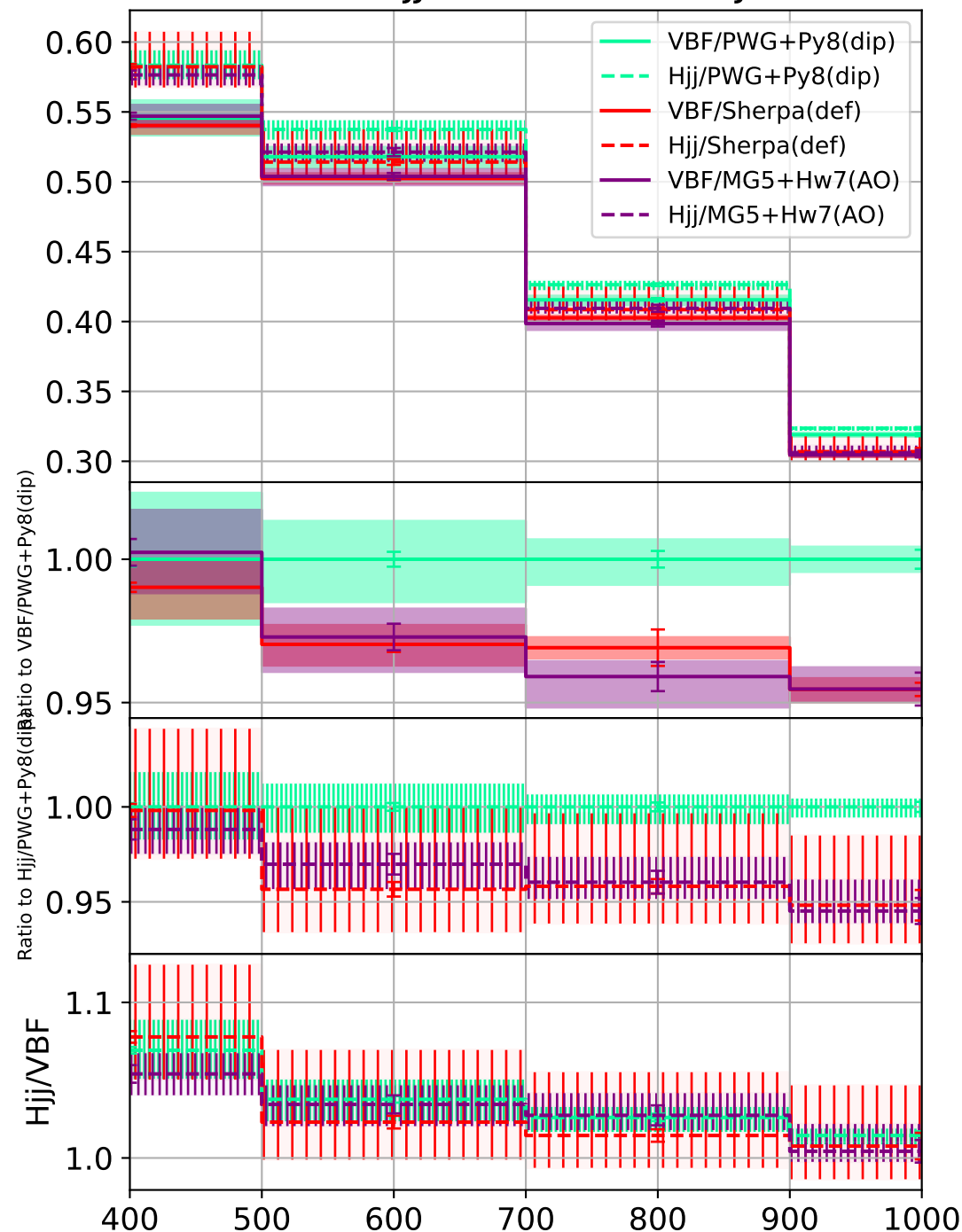
HISTO-MJJ-PTH-0-80-PTJ-30



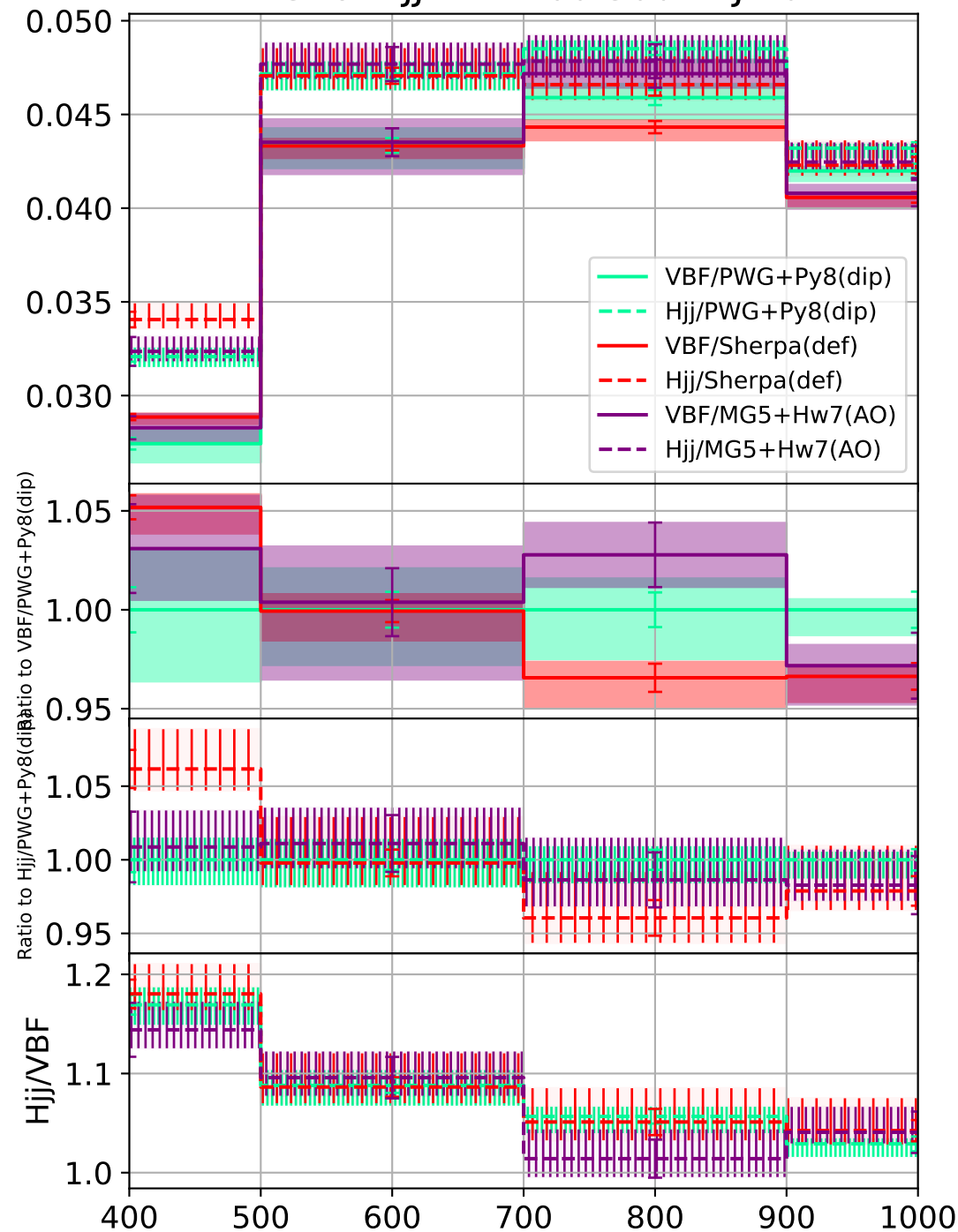
HISTO-MJJ-PTH-120-260-PTJ-20



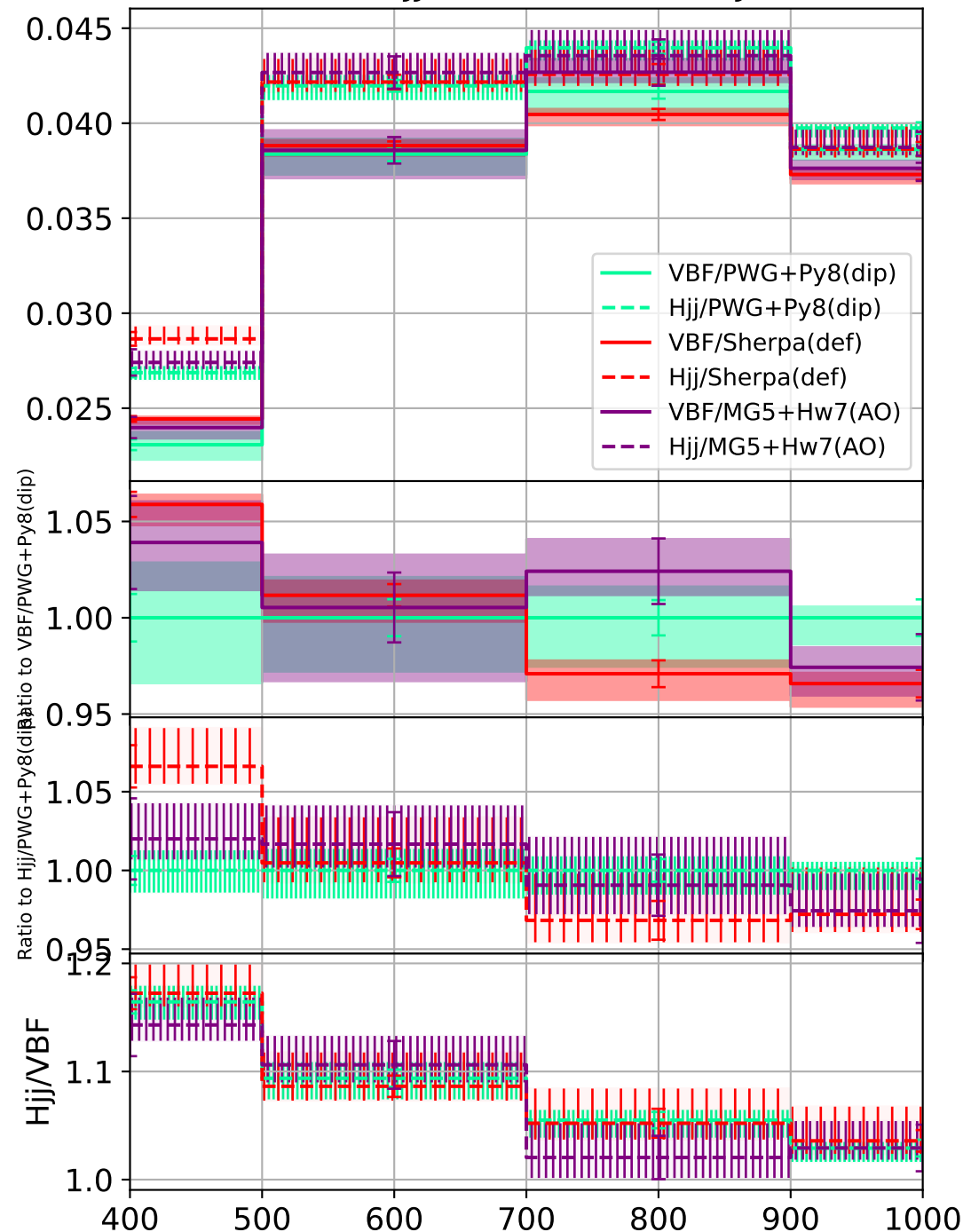
HISTO-MJJ-PTH-120-260-PTJ-30



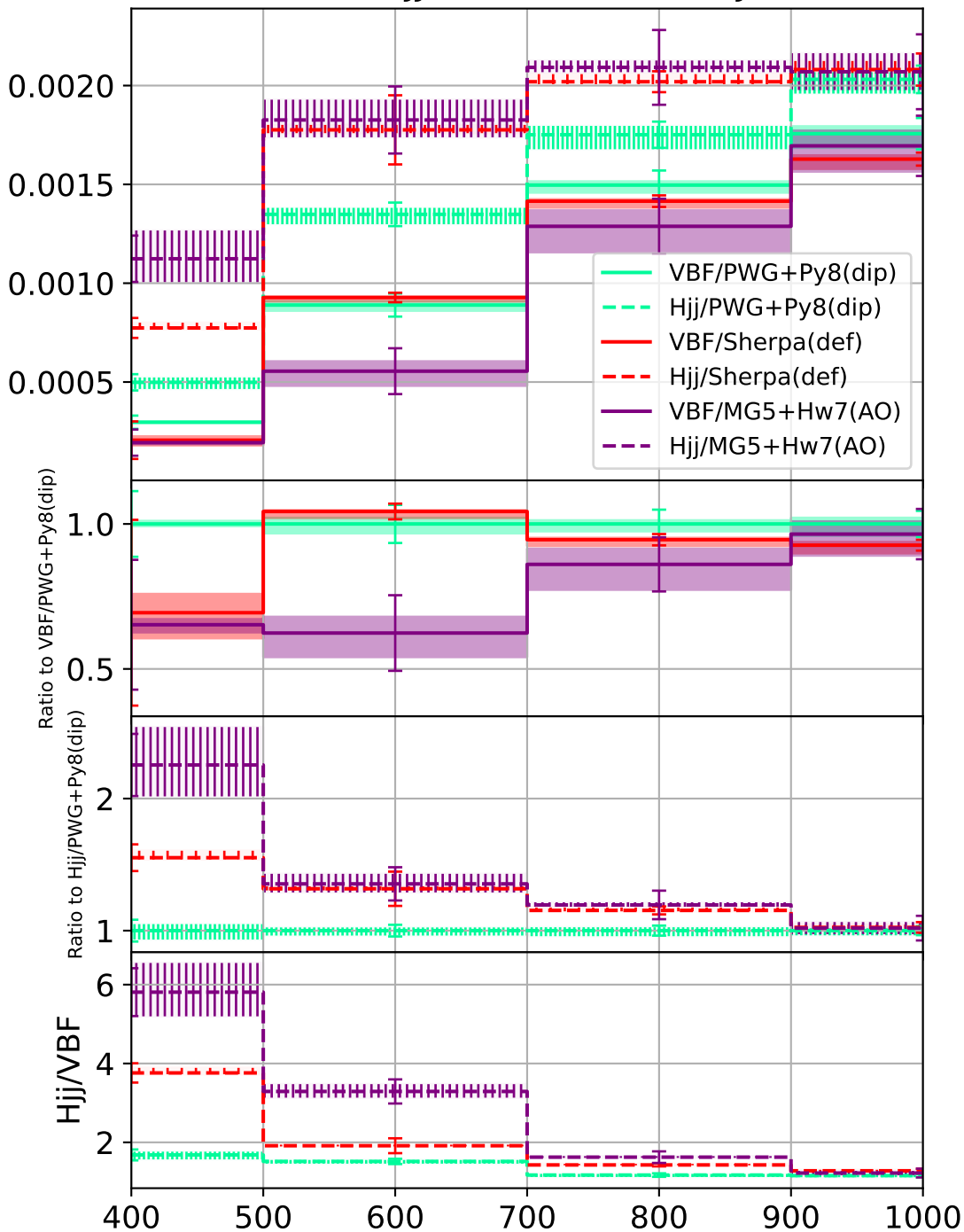
HISTO-MJJ-PTH-260-500-PTJ-20



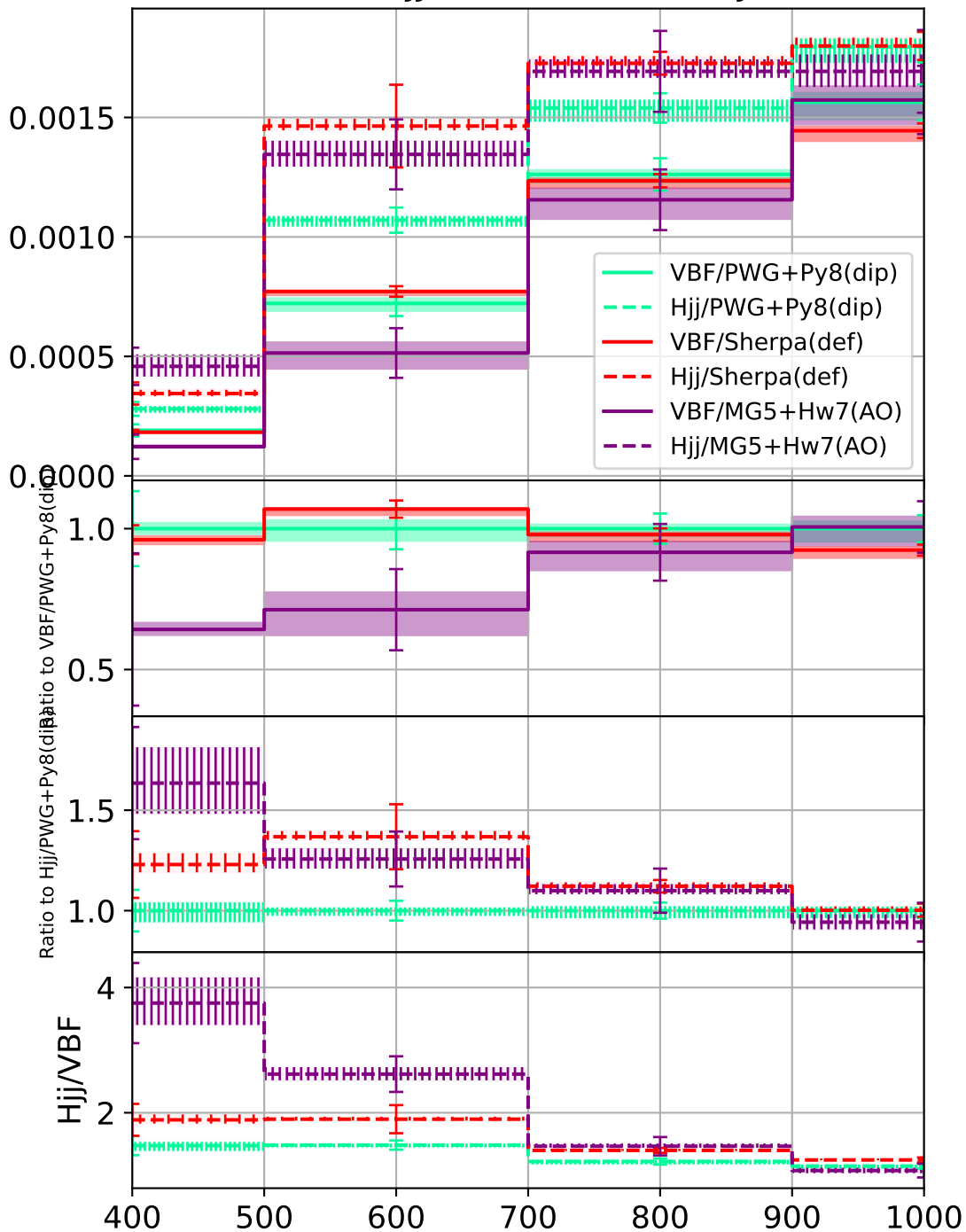
HISTO-MJJ-PTH-260-500-PTJ-30



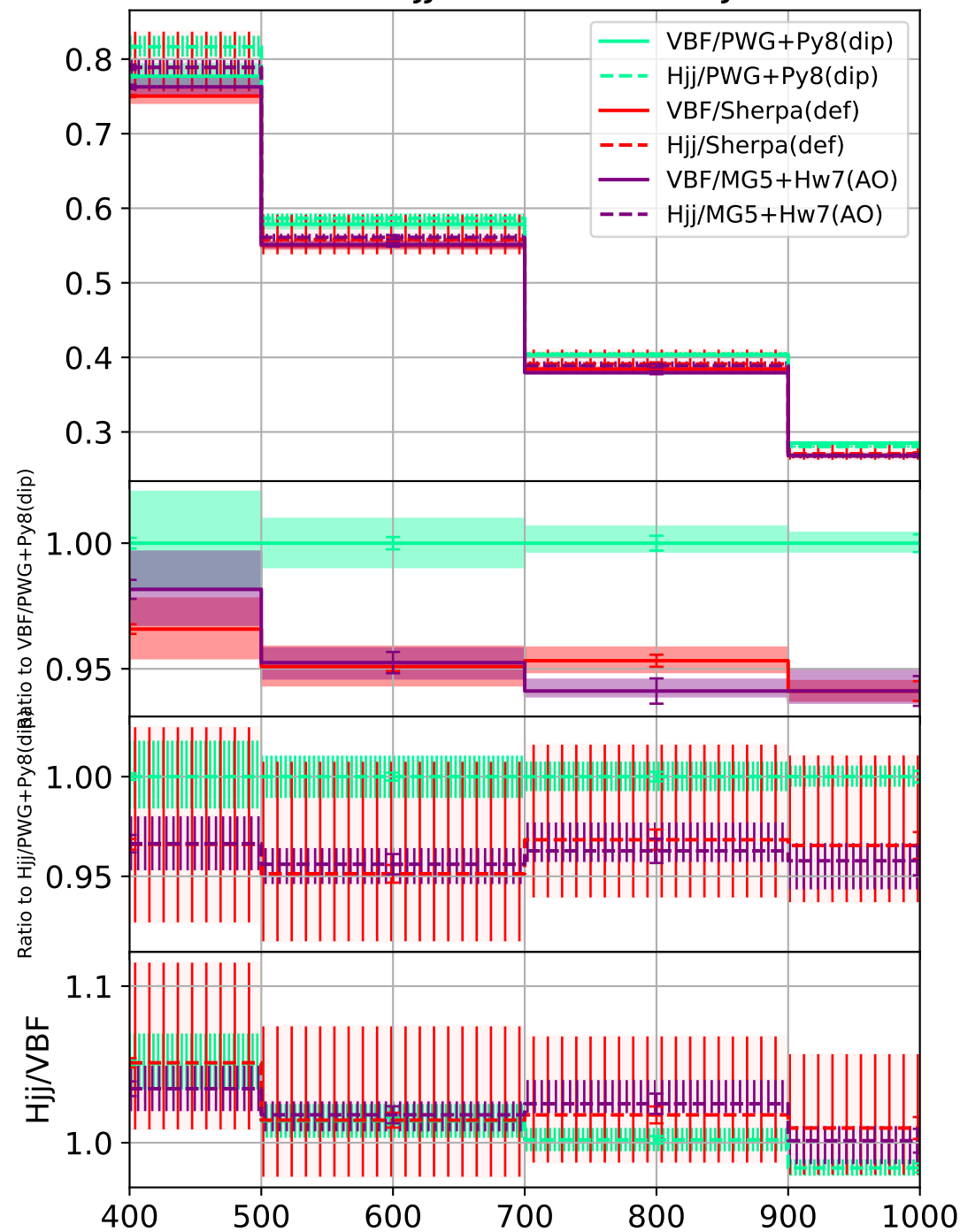
HISTO-MJJ-PTH-500-850-PTJ-20



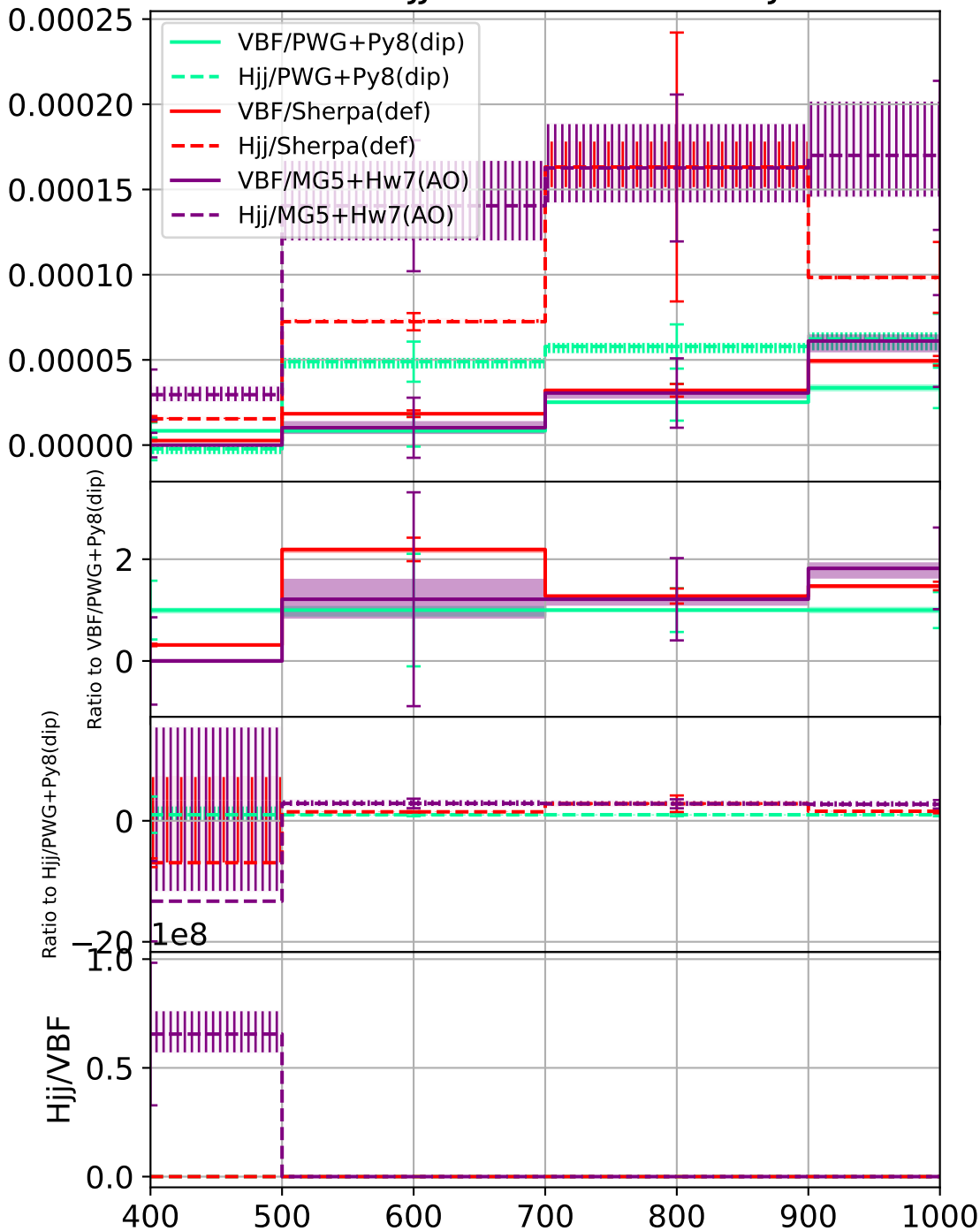
HISTO-MJJ-PTH-500-850-PTJ-30



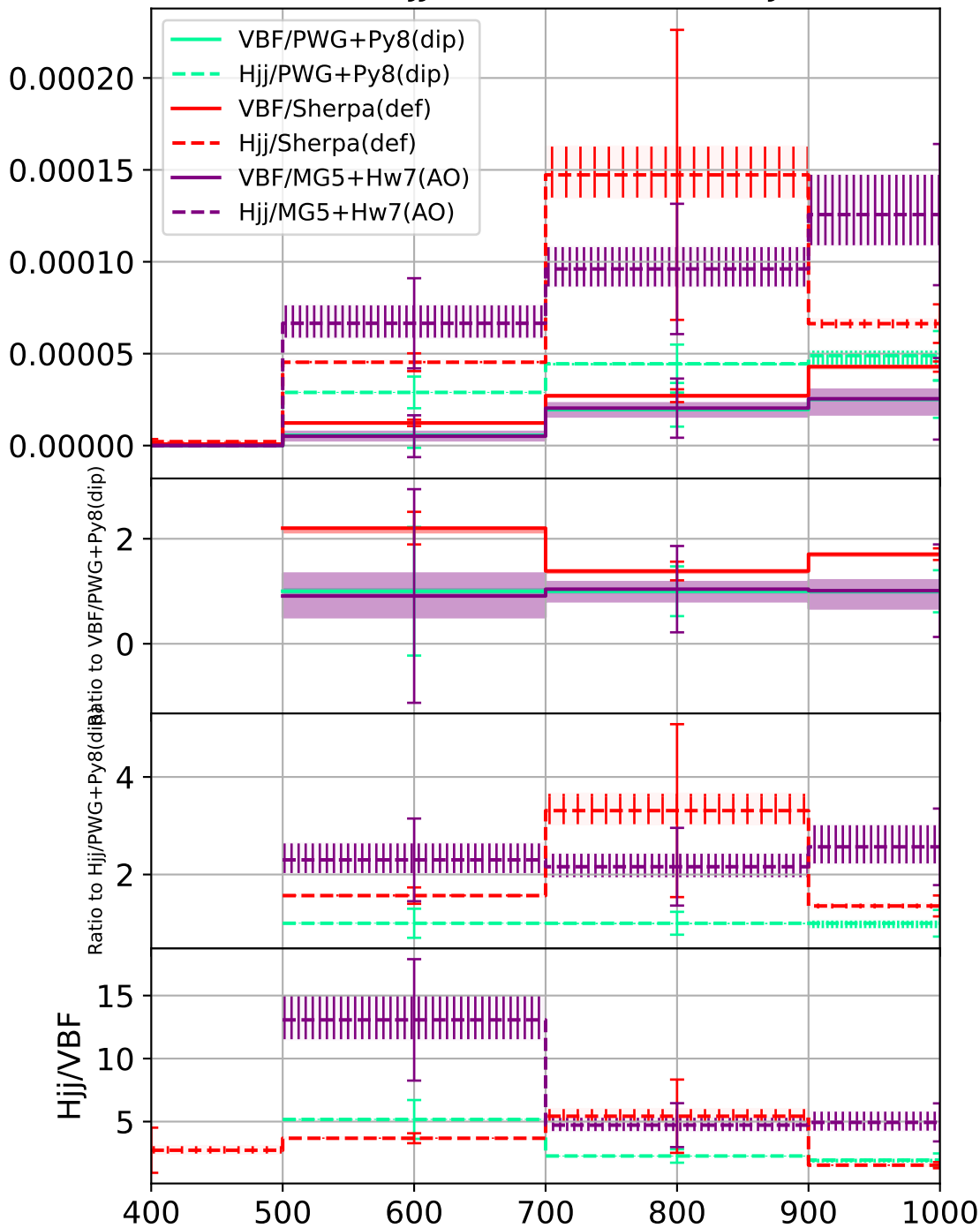
HISTO-MJJ-PTH-80-120-PTJ-20



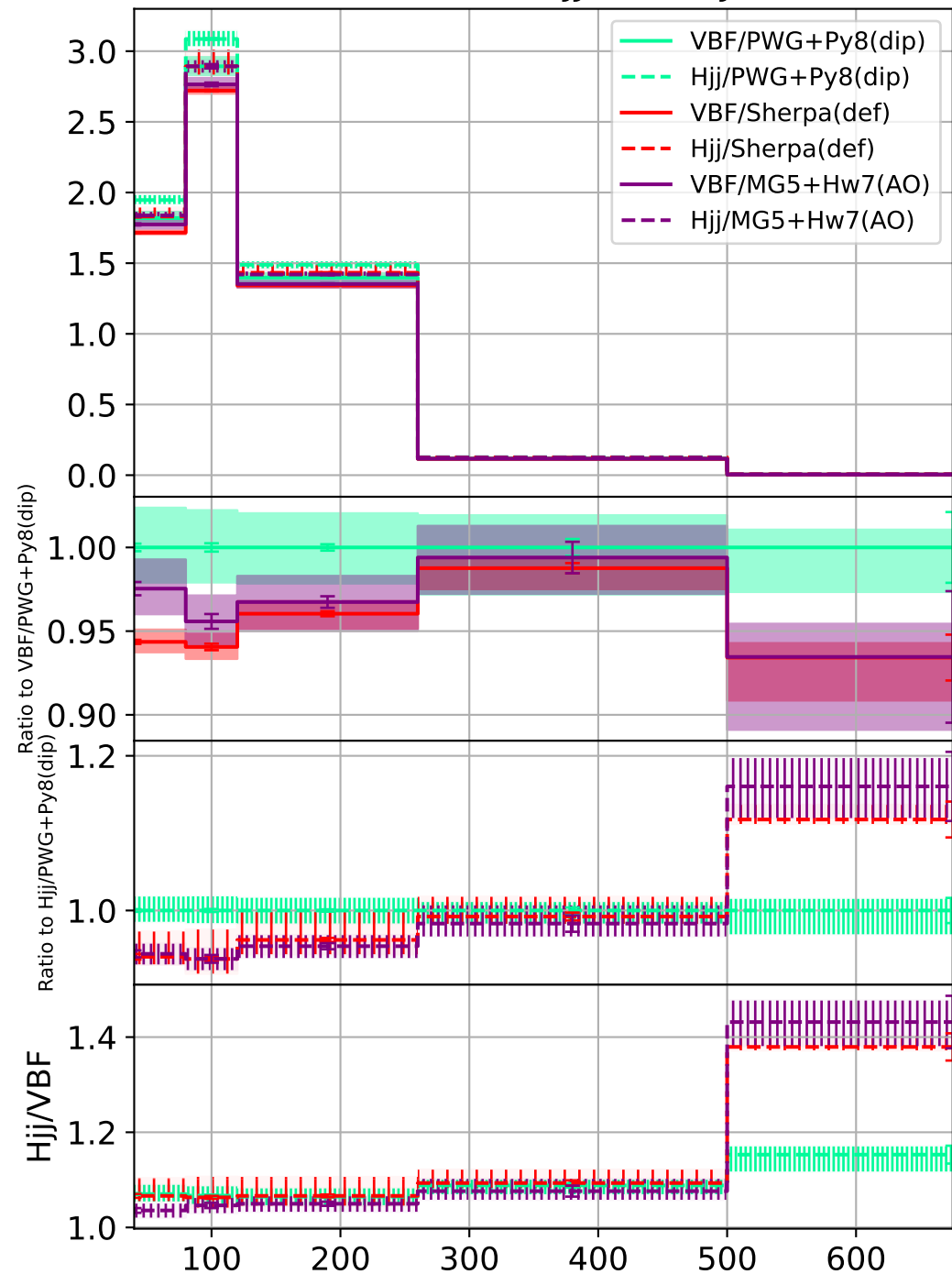
HISTO-MJJ-PTH-850-INFTY-PTJ-20



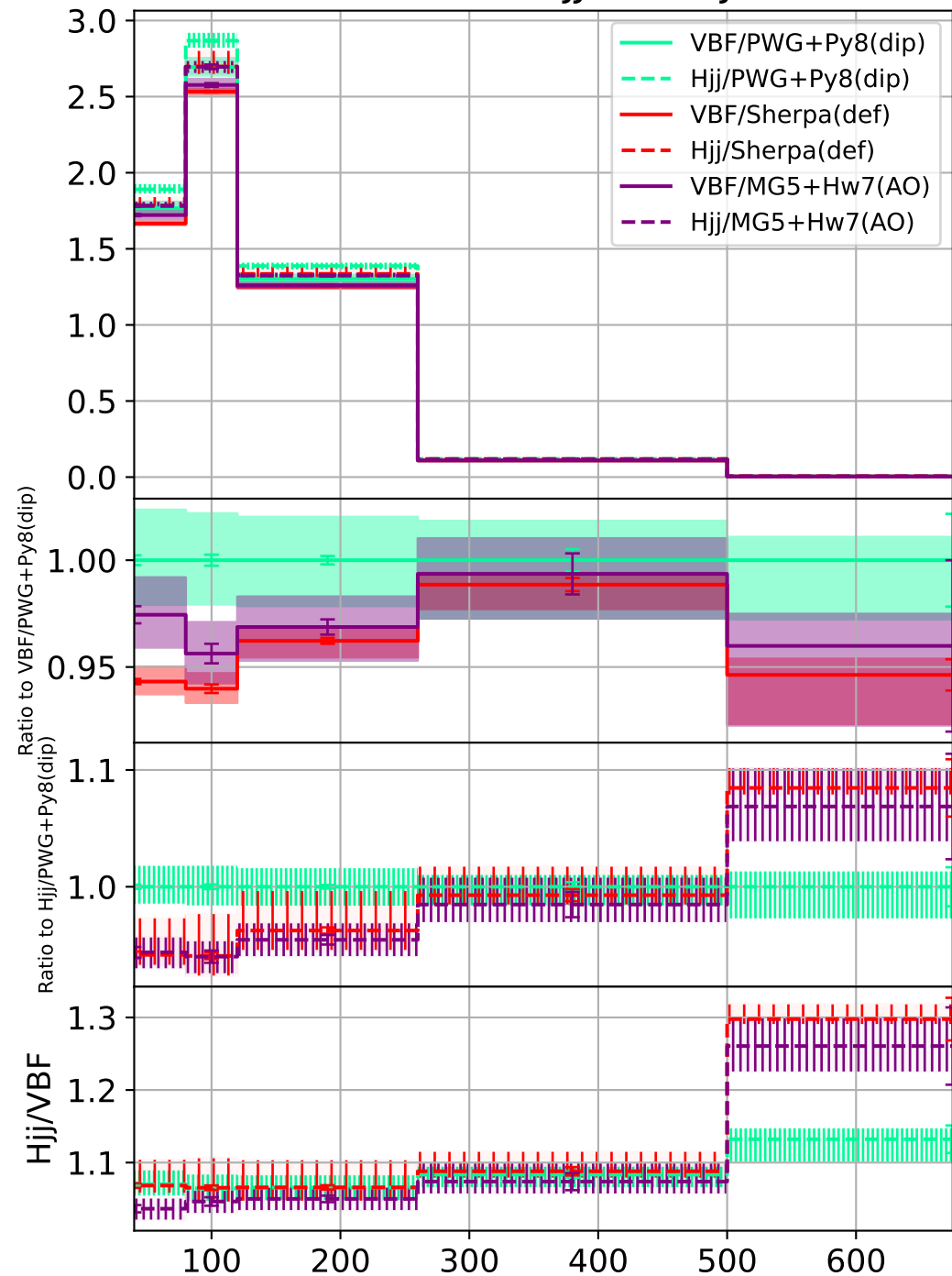
HISTO-MJJ-PTH-850-INFTY-PTJ-30



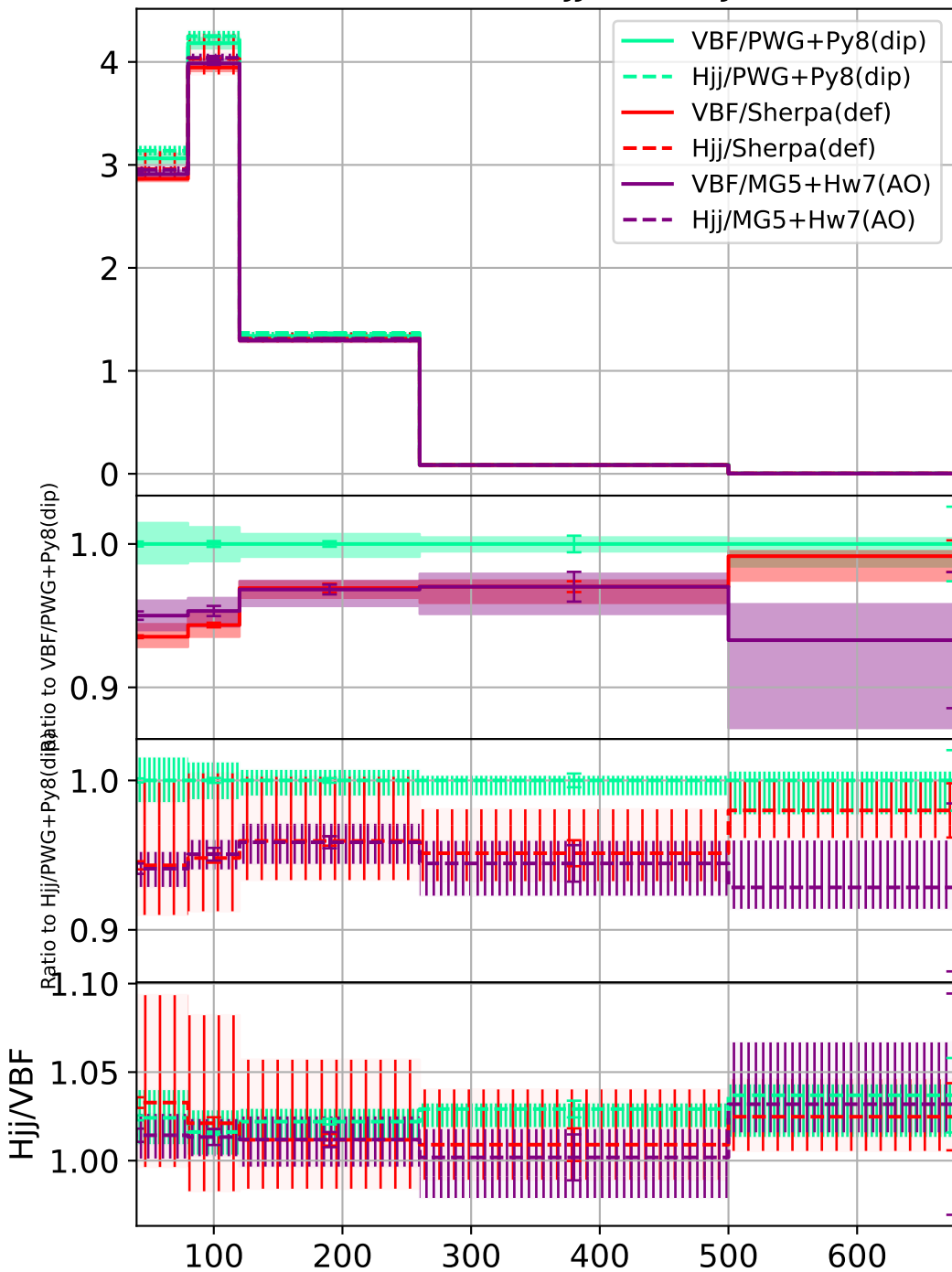
HISTO-PTH-DYJJ-2-4-PTJ-20



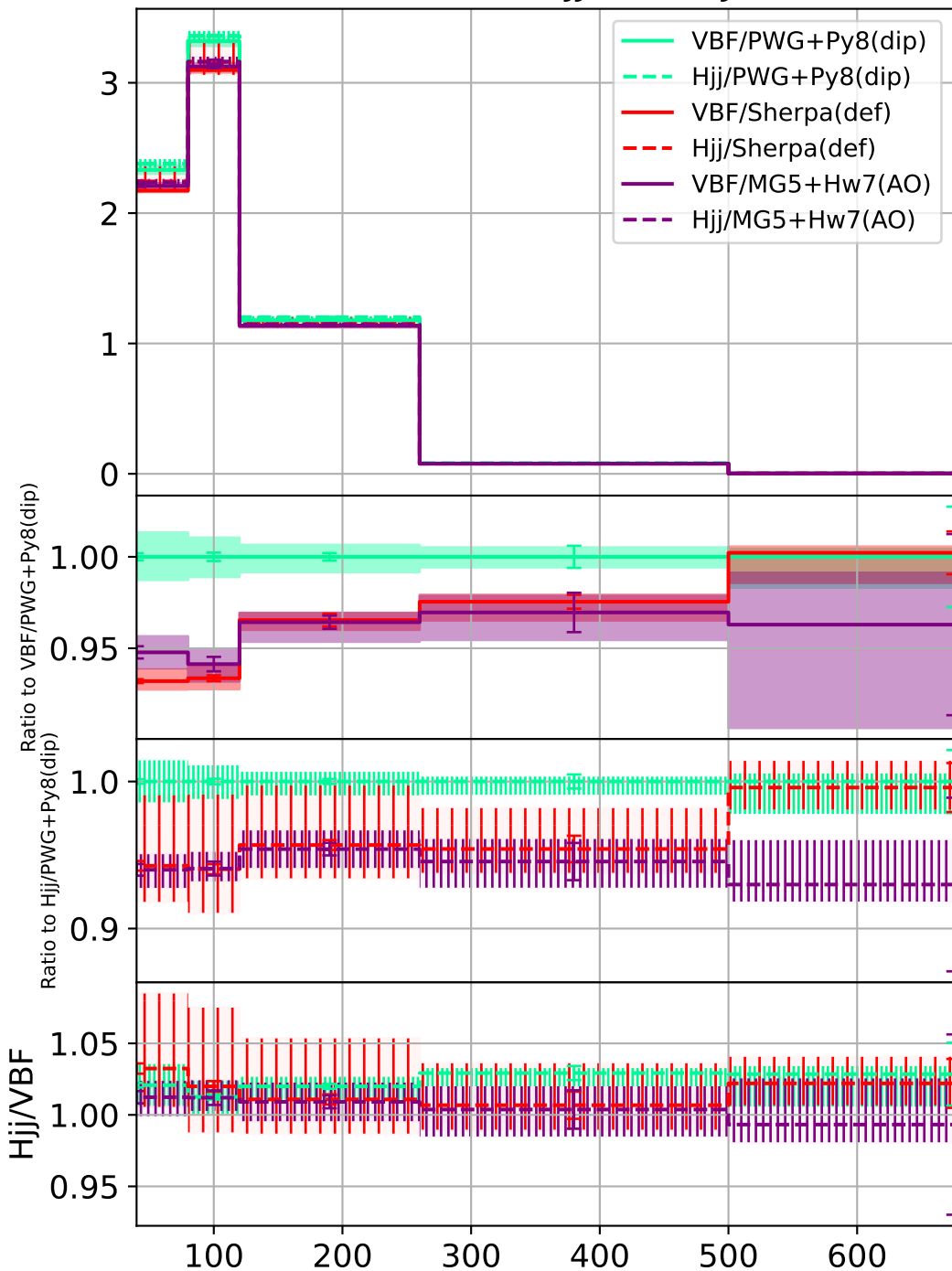
HISTO-PTH-DYJJ-2-4-PTJ-30



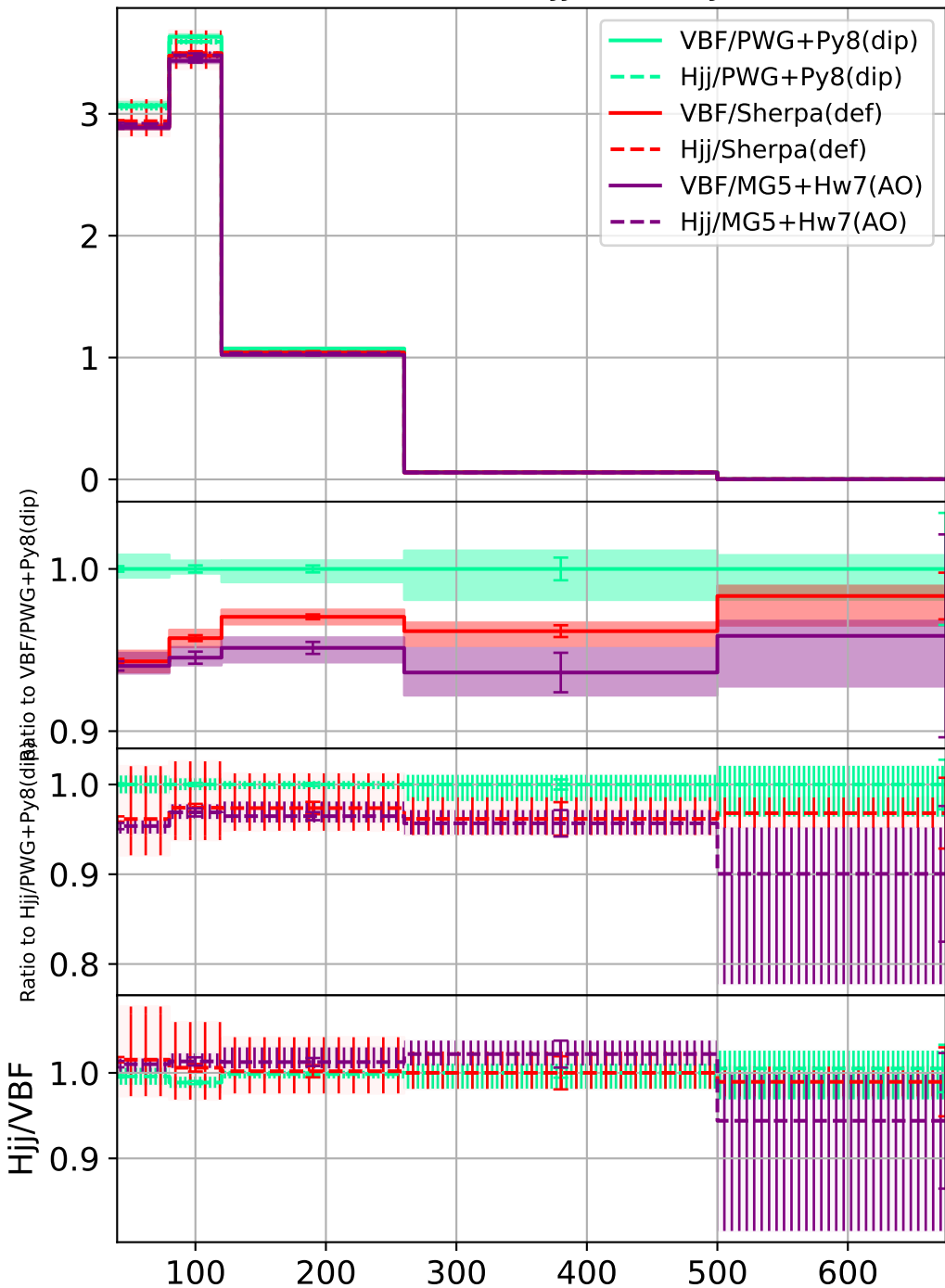
HISTO-PTH-DYJJ-4-5-PTJ-20



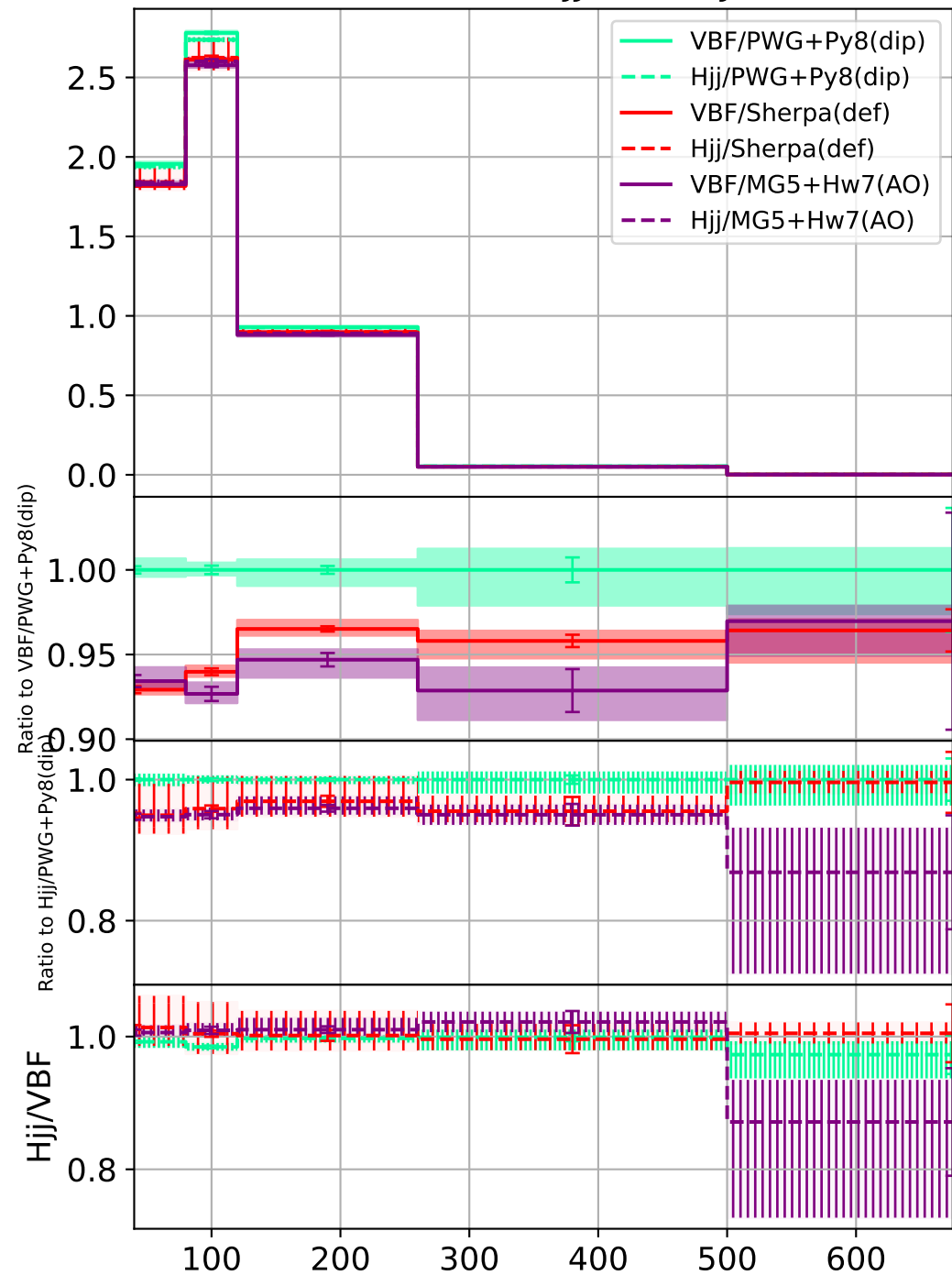
HISTO-PTH-DYJJ-4-5-PTJ-30



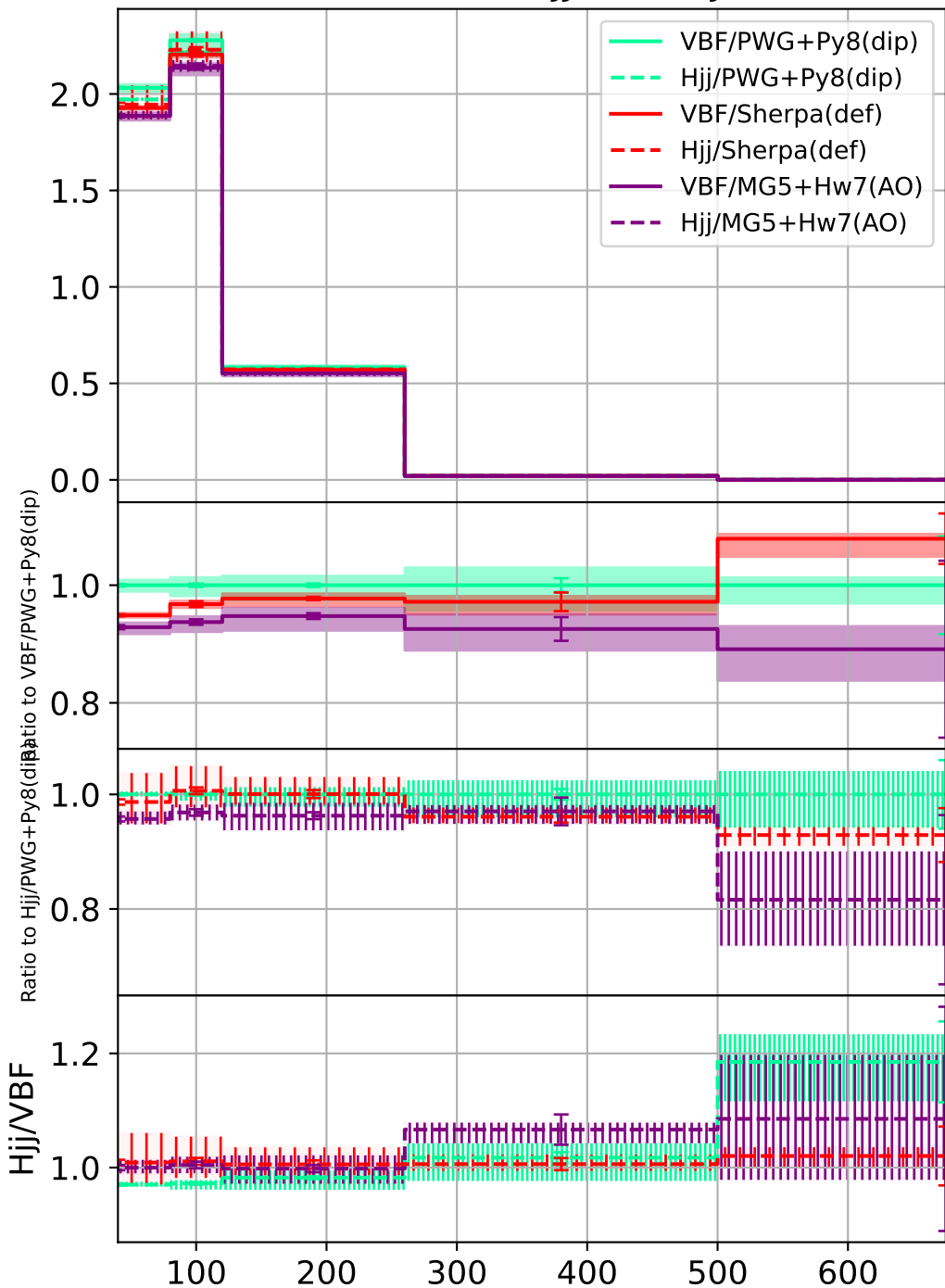
HISTO-PTH-DYJJ-5-6-PTJ-20



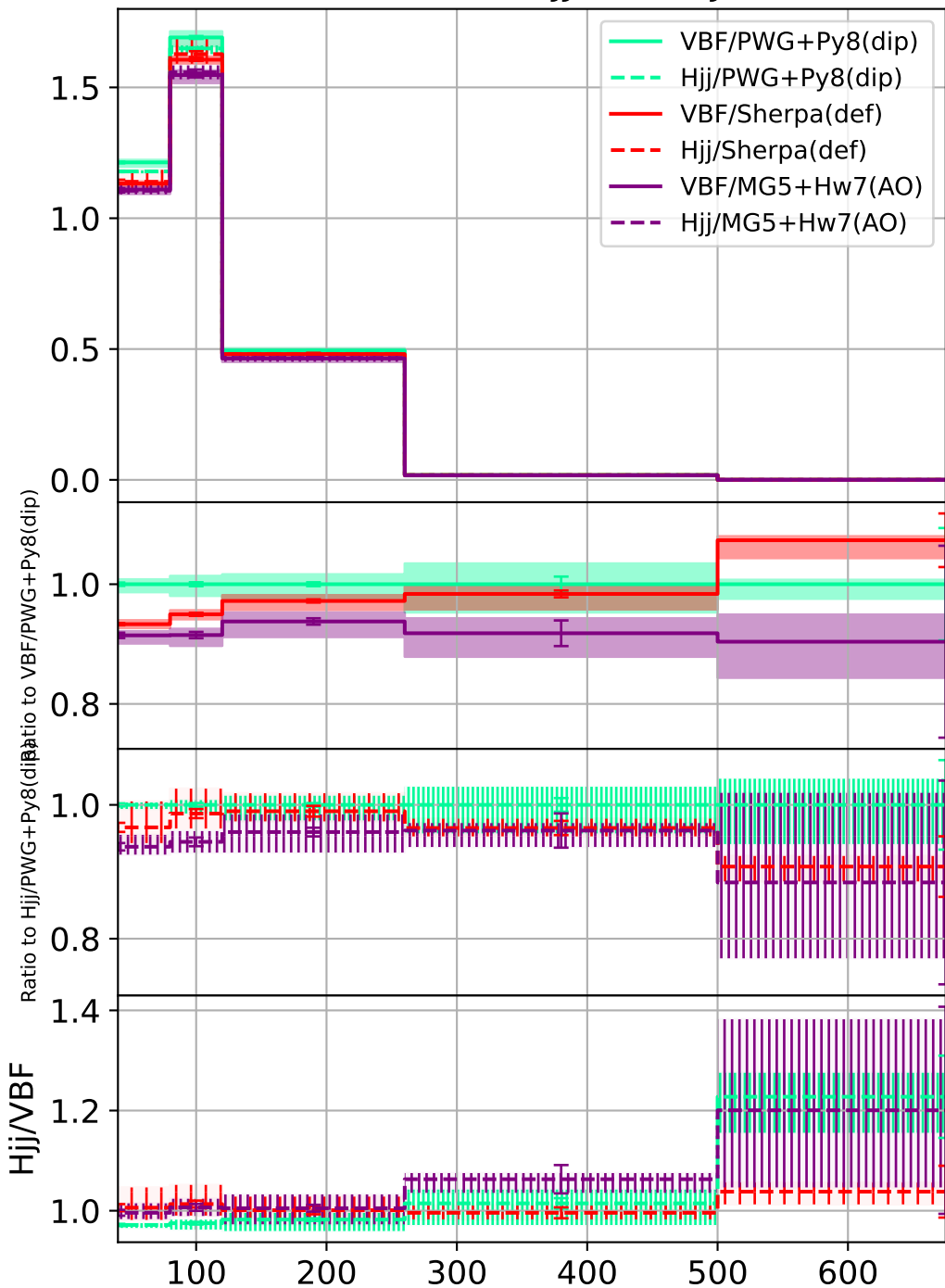
HISTO-PTH-DYJJ-5-6-PTJ-30



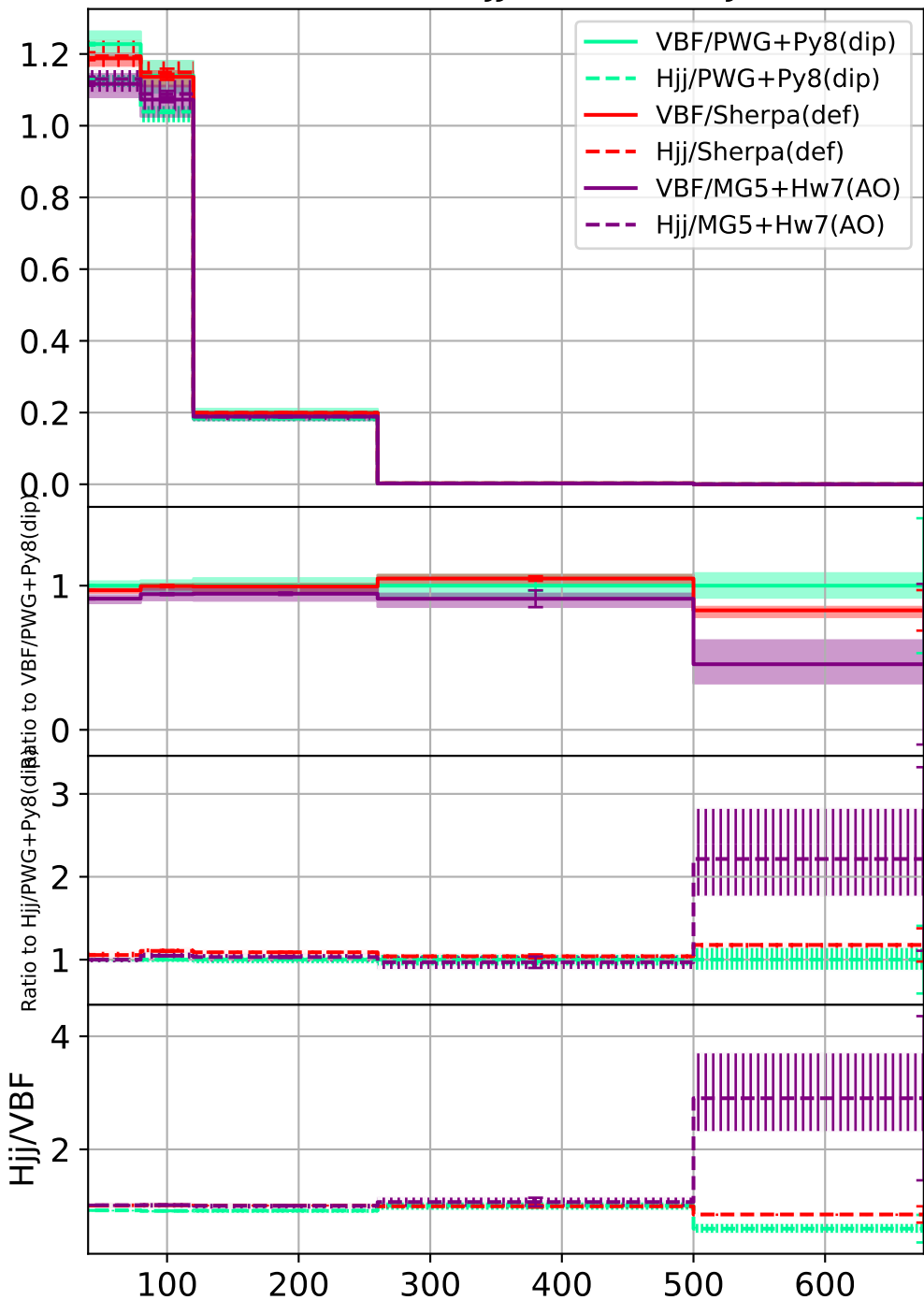
HISTO-PTH-DYJJ-6-7-PTJ-20



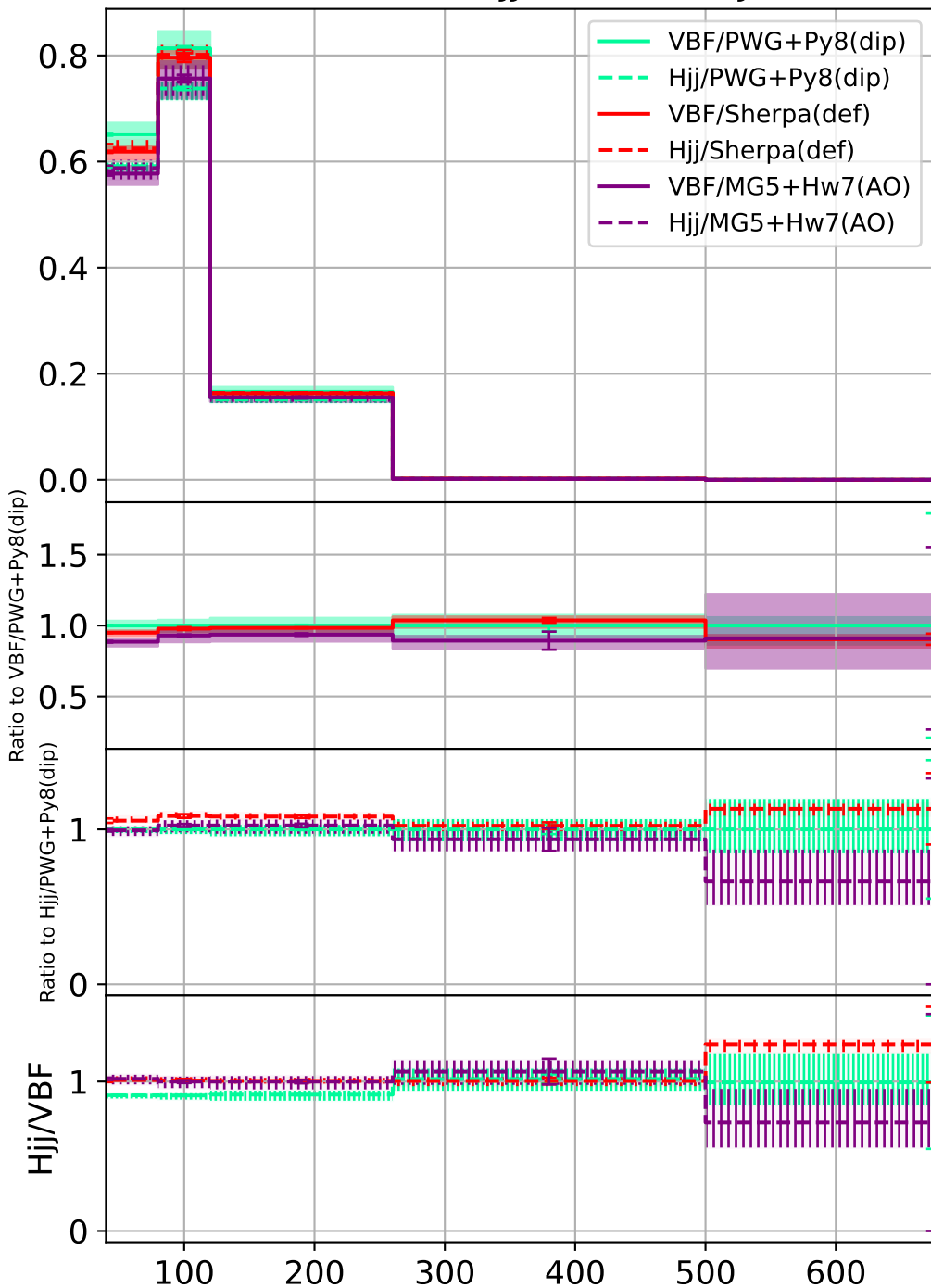
HISTO-PTH-DYJJ-6-7-PTJ-30



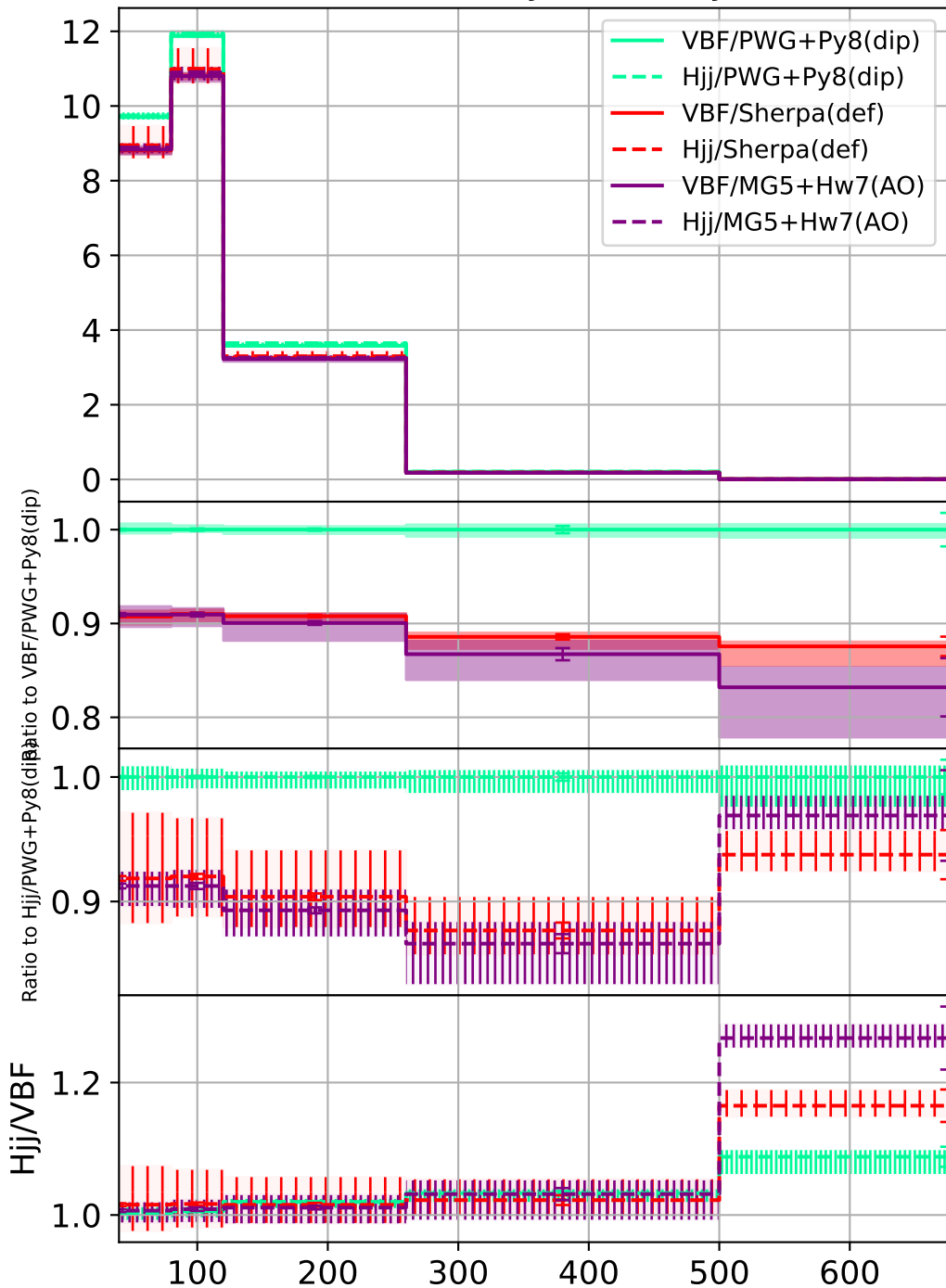
HISTO-PTH-DYJJ-7-INFTY-PTJ-20



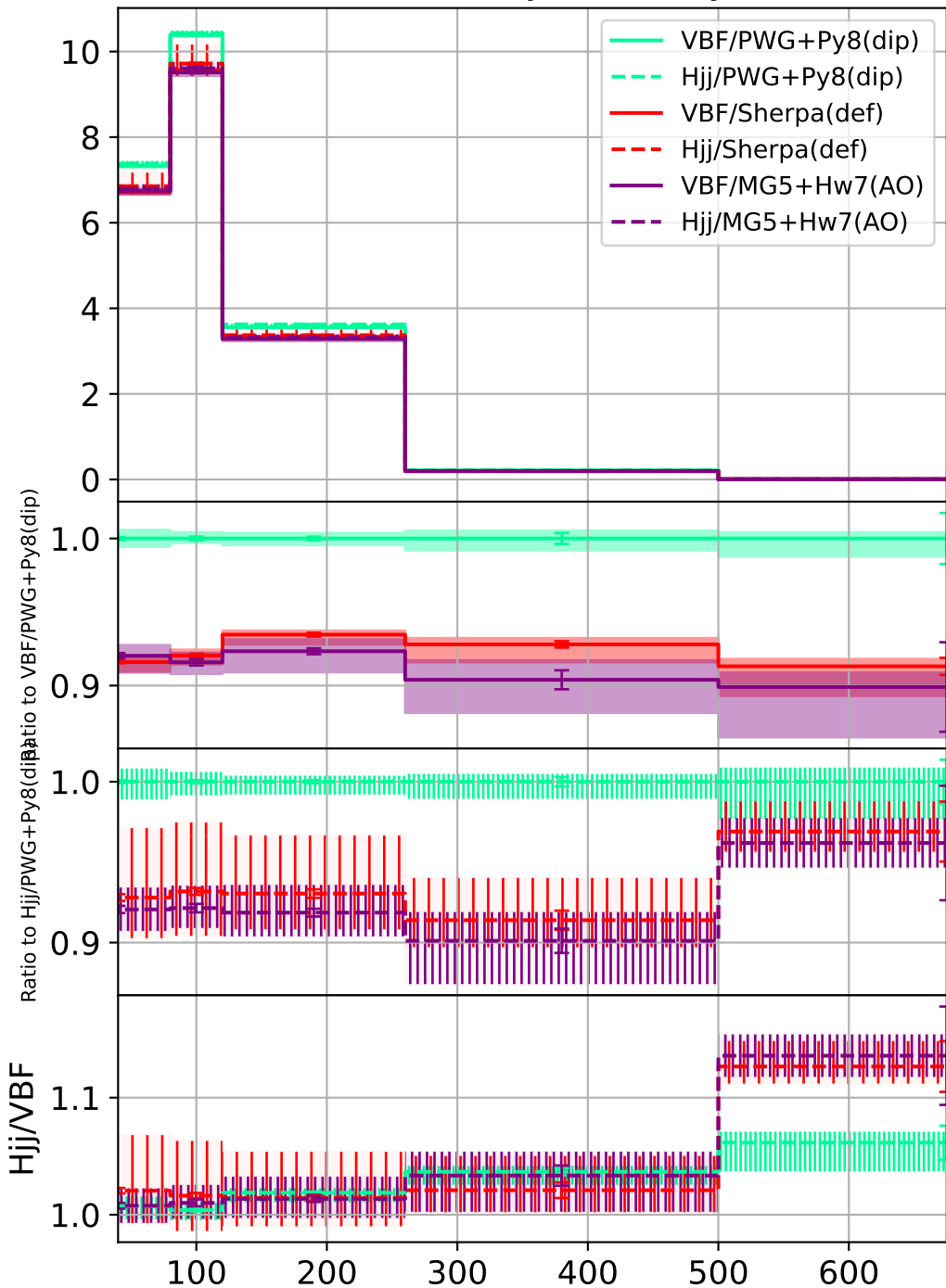
HISTO-PTH-DYJJ-7-INFTY-PTJ-30



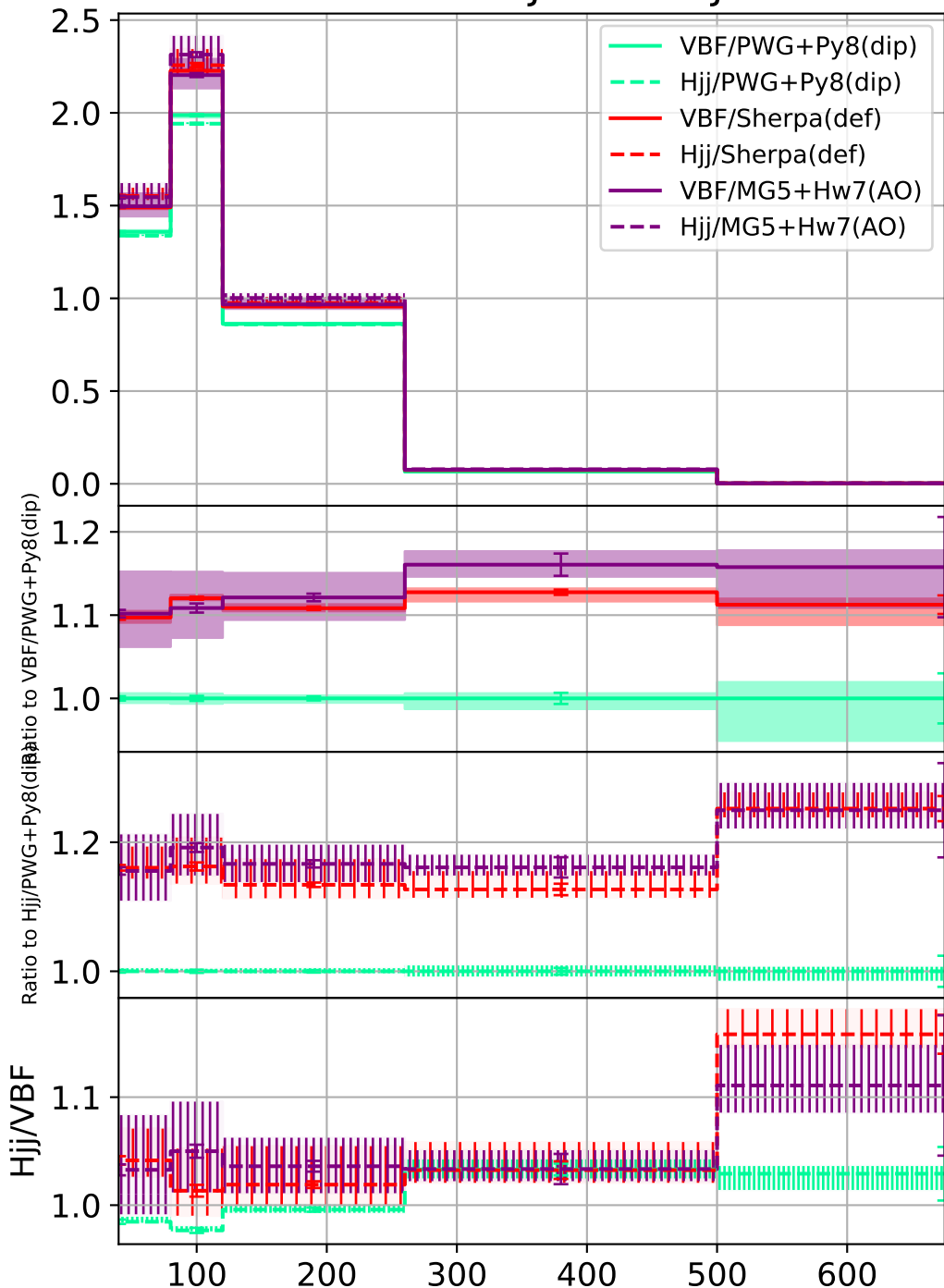
HISTO-PTH-NJETS-2-PTJ-20



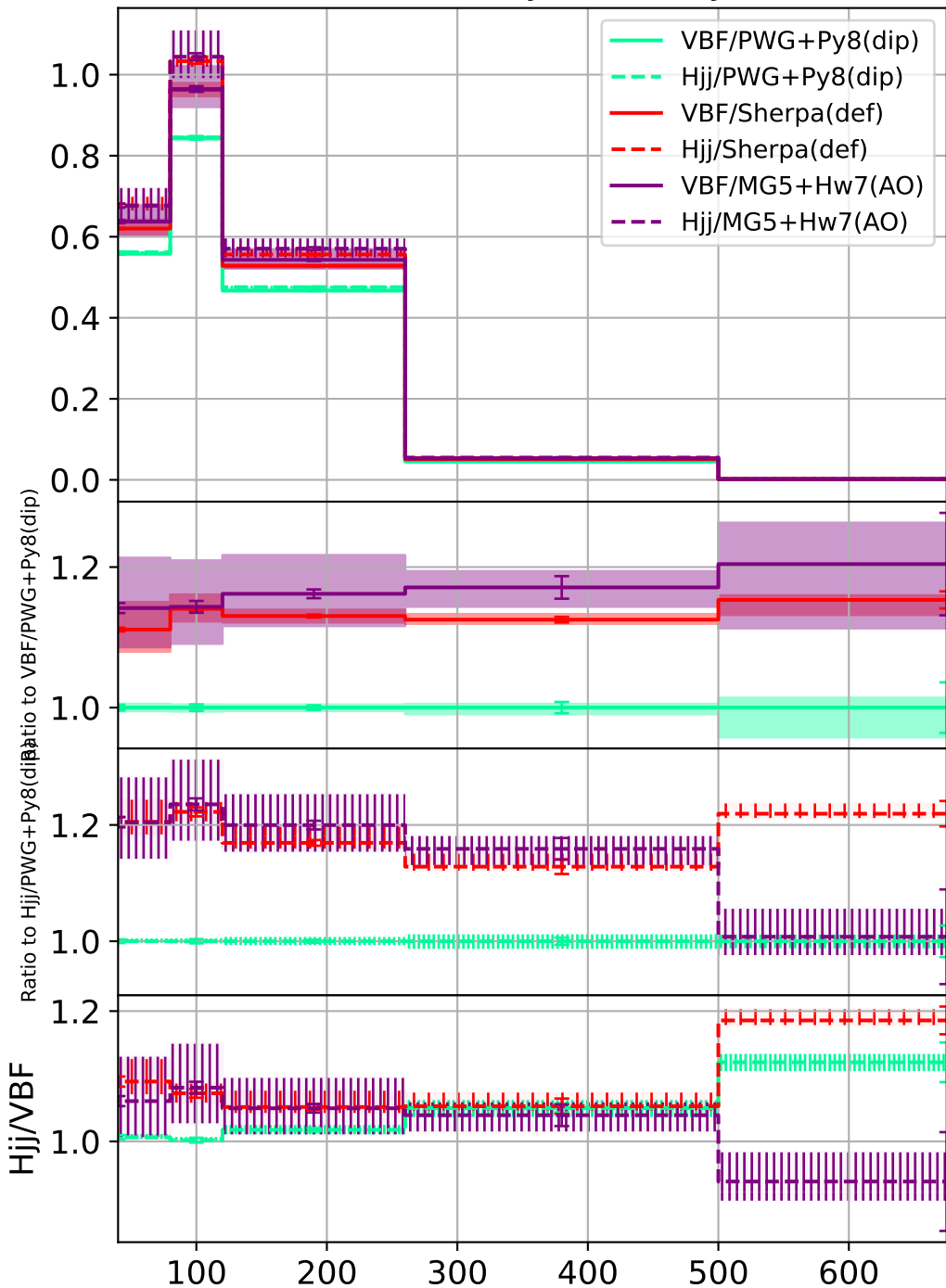
HISTO-PTH-NJETS-2-PTJ-30



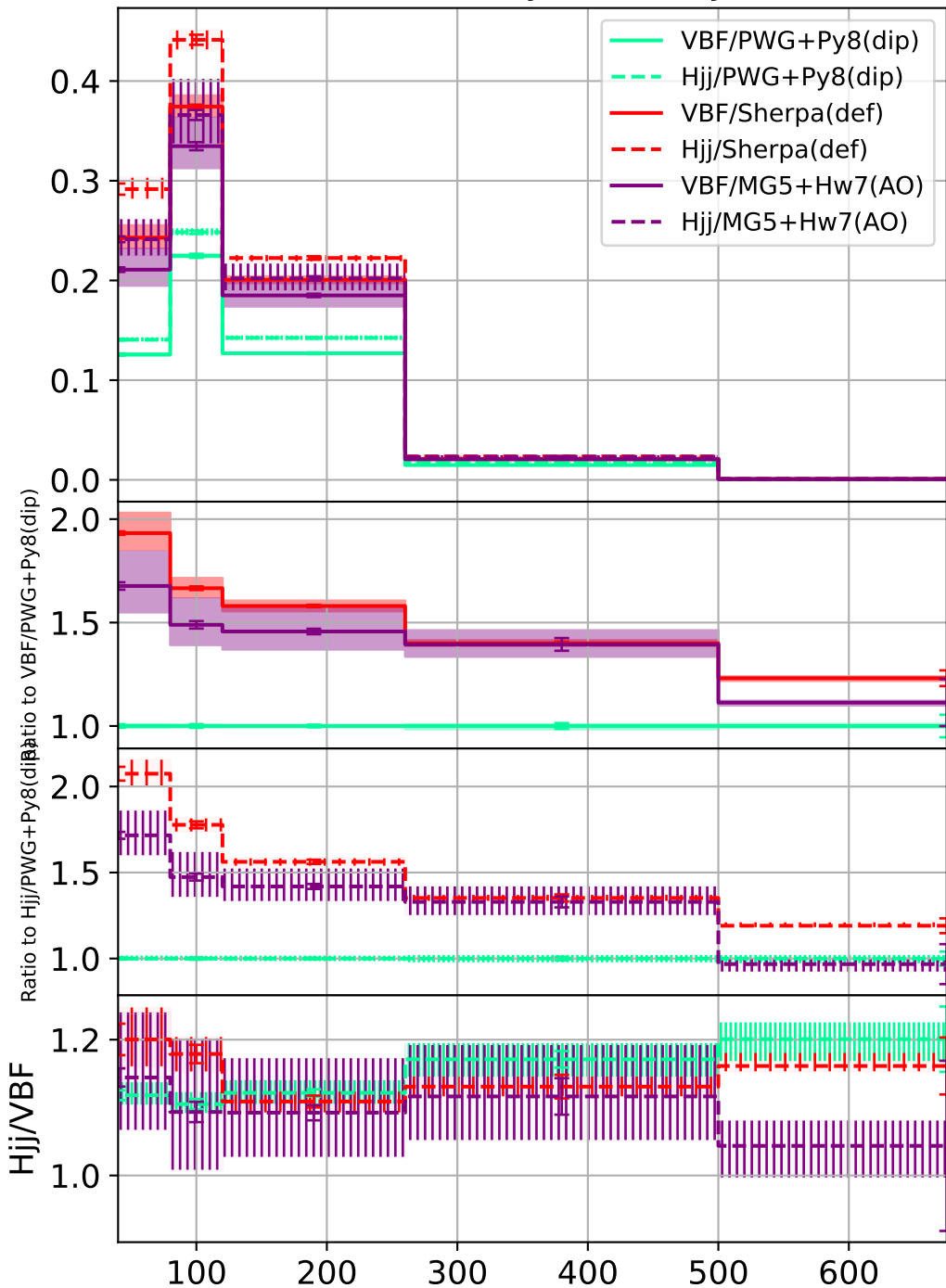
HISTO-PTH-NJETS-3-PTJ-20



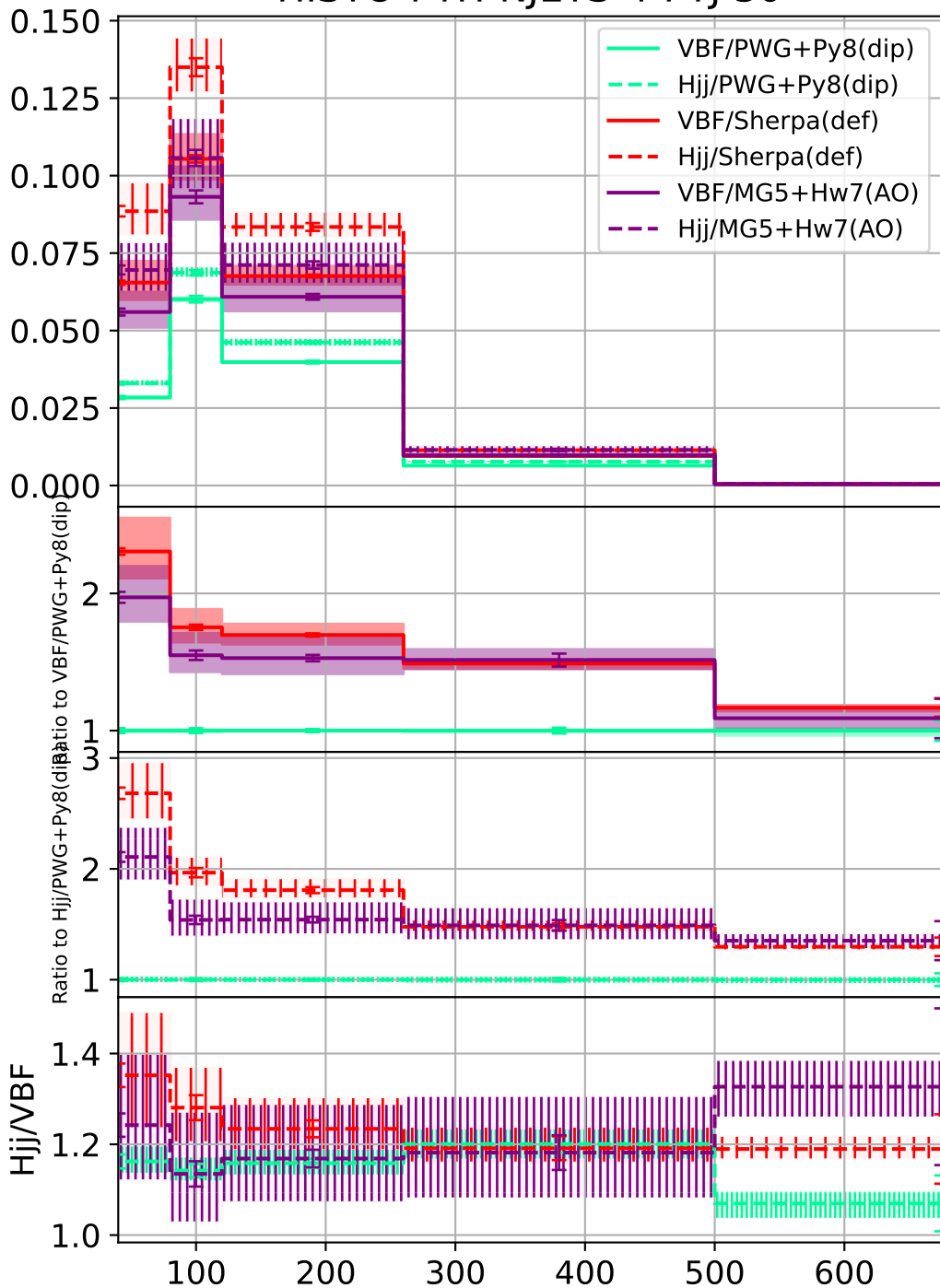
HISTO-PTH-NJETS-3-PTJ-30



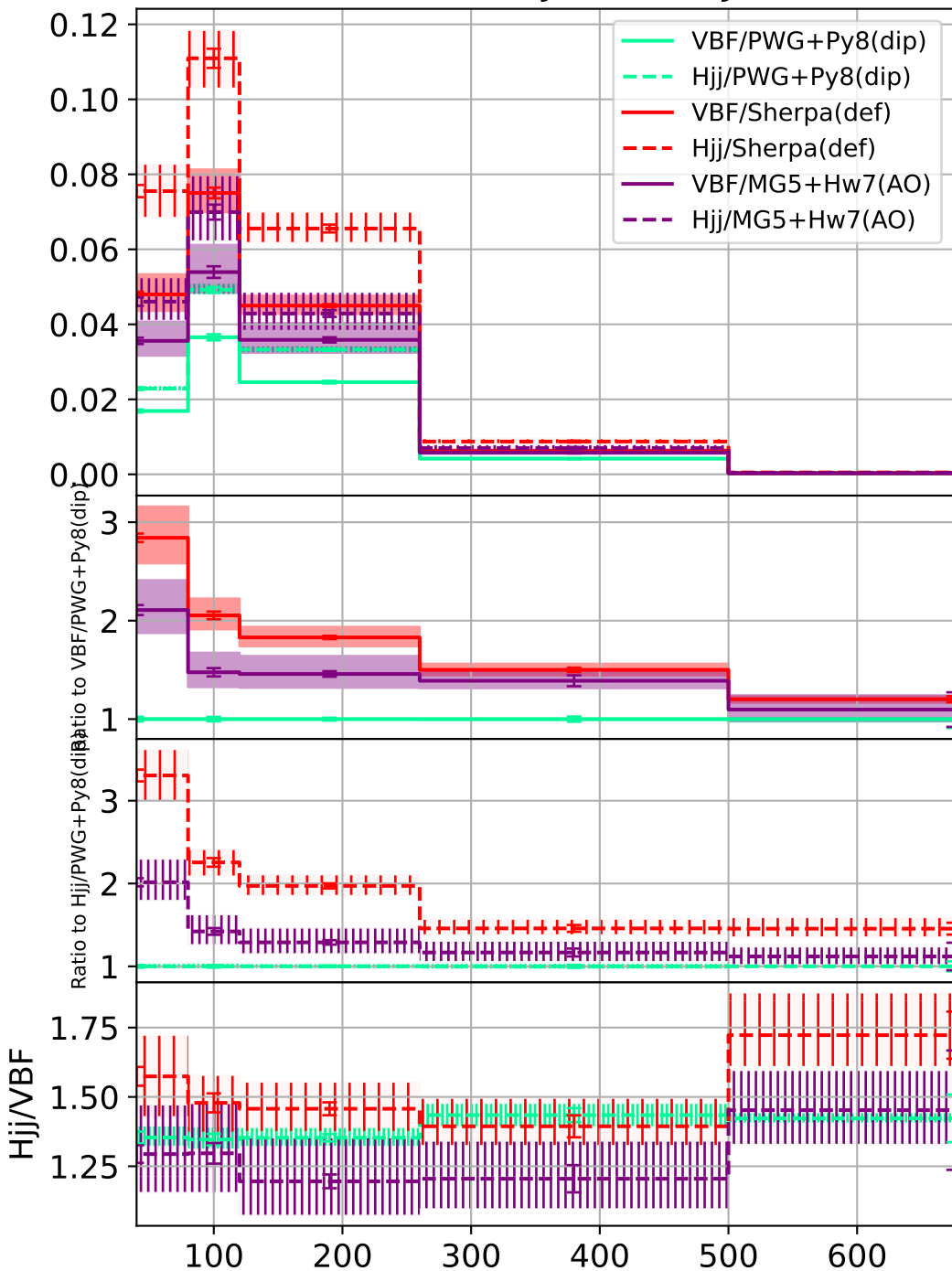
HISTO-PTH-NJETS-4-PTJ-20



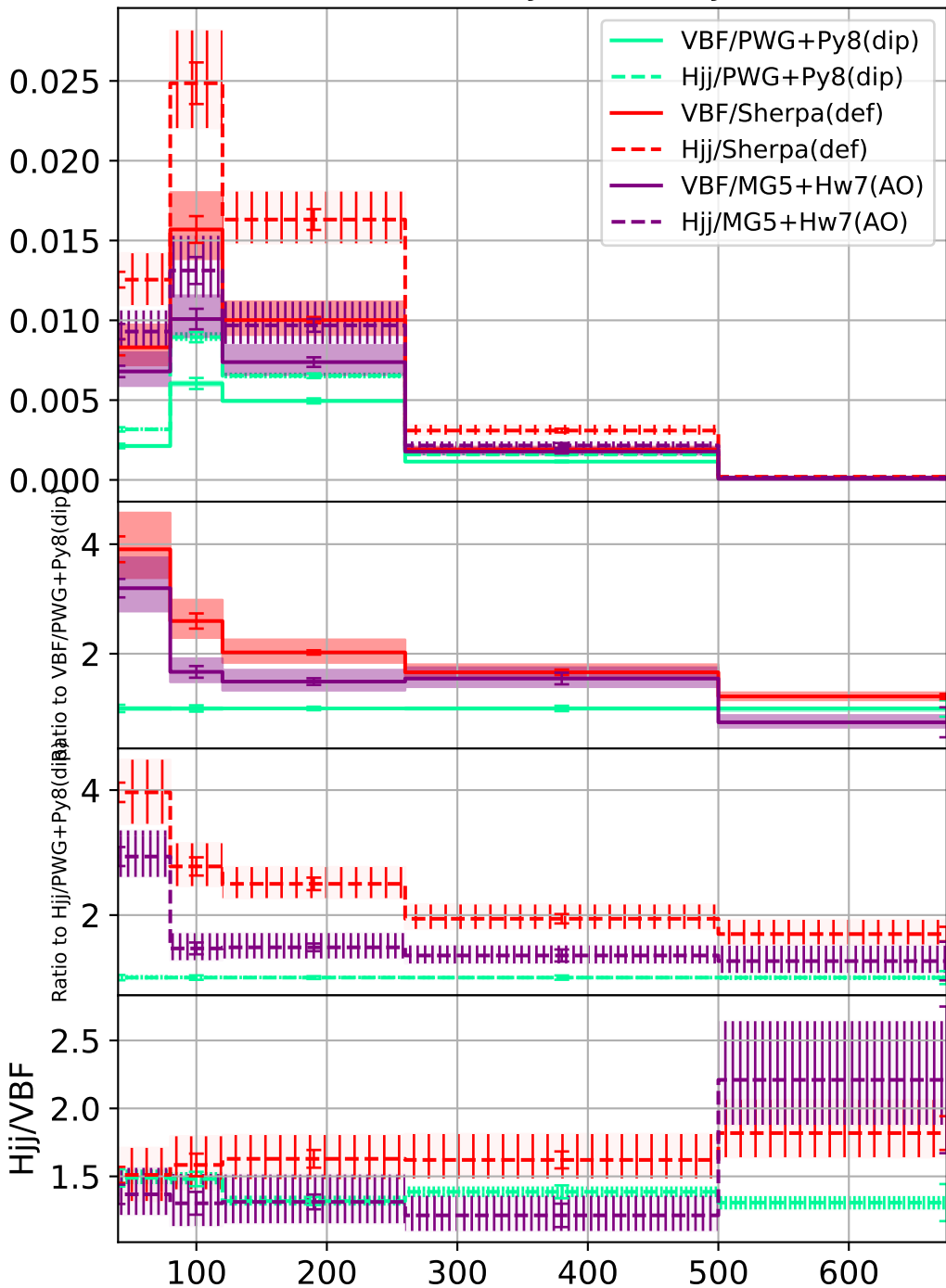
HISTO-PTH-NJETS-4-PTJ-30



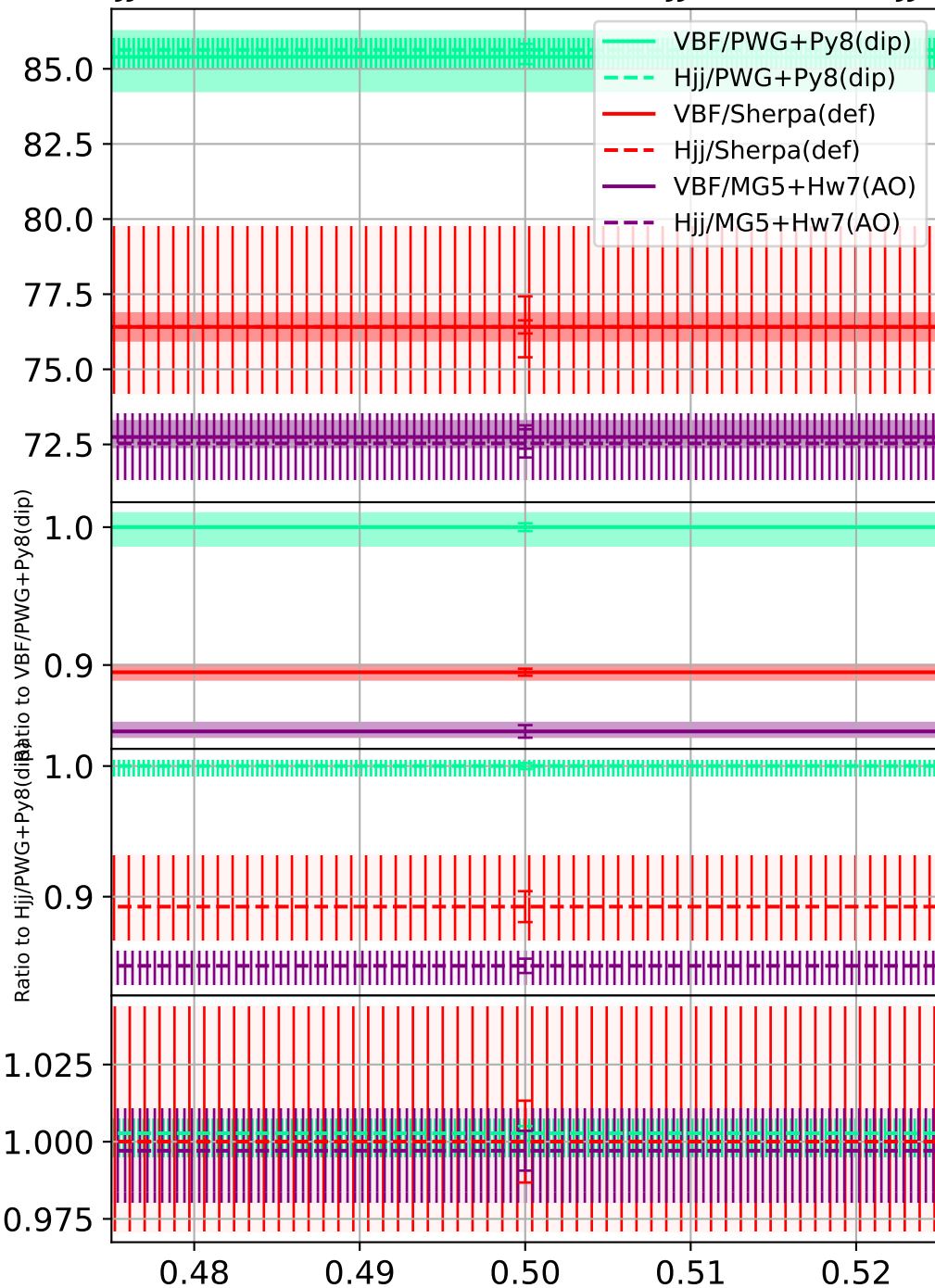
HISTO-PTH-NJETS-5-PTJ-20



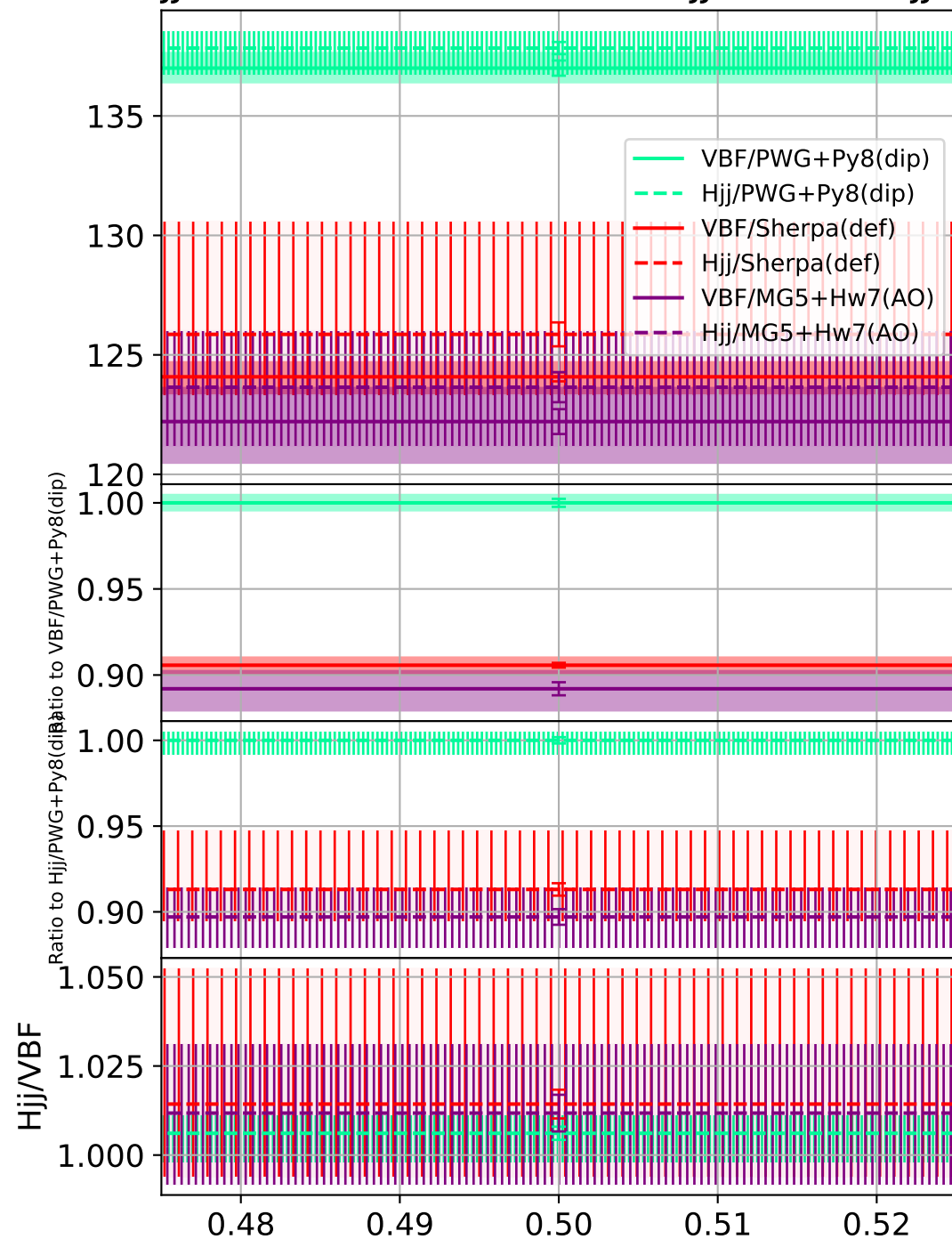
HISTO-PTH-NJETS-5-PTJ-30



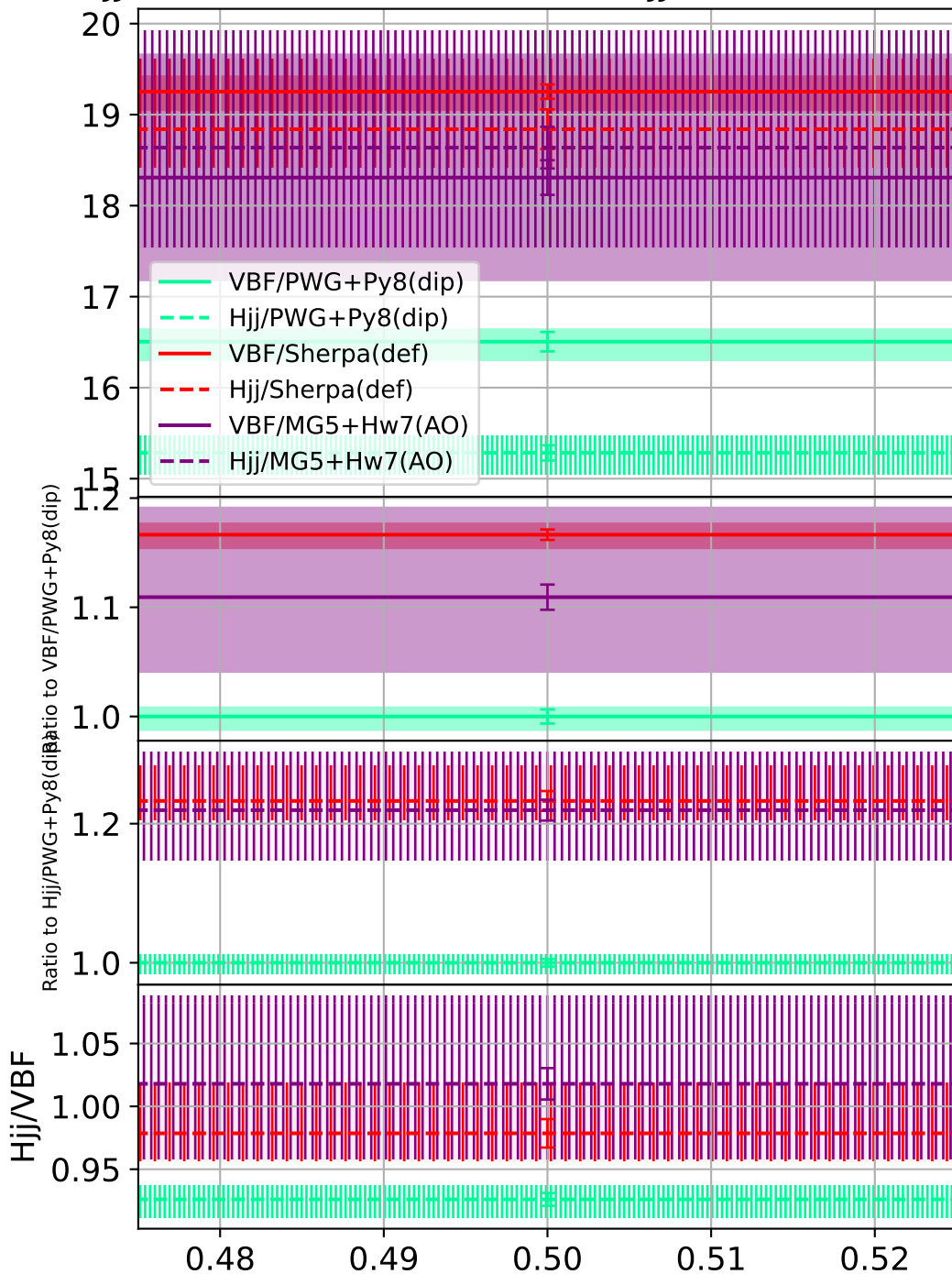
STXS-MJJ-1000-1500-PTH-0-200-PTHJJ-0-25-DPHJJ-0-Plpv2

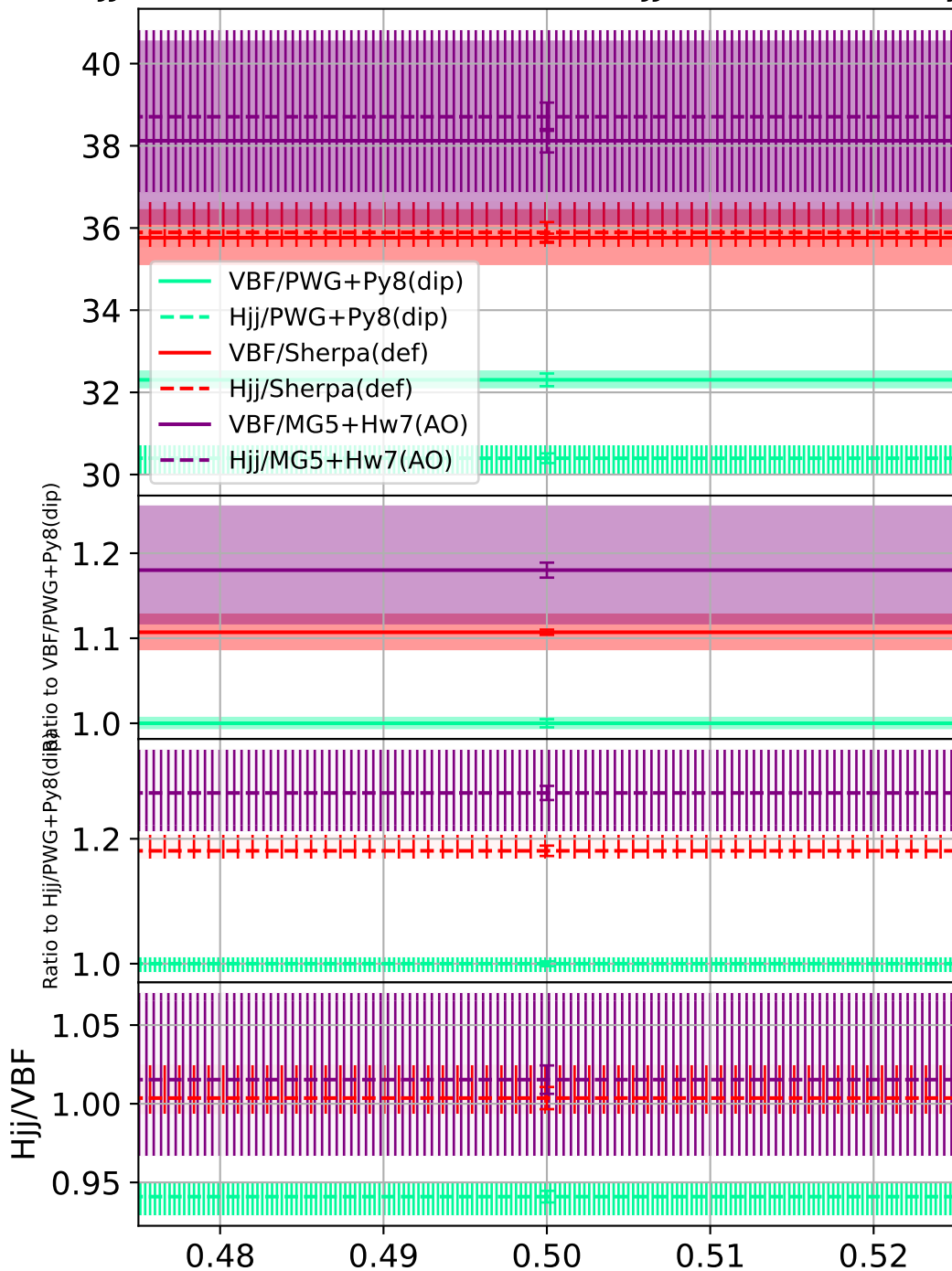


STXS-MJJ-1000-1500-PTH-0-200-PTHJJ-0-25-DPHJJ-Plpv2-PI

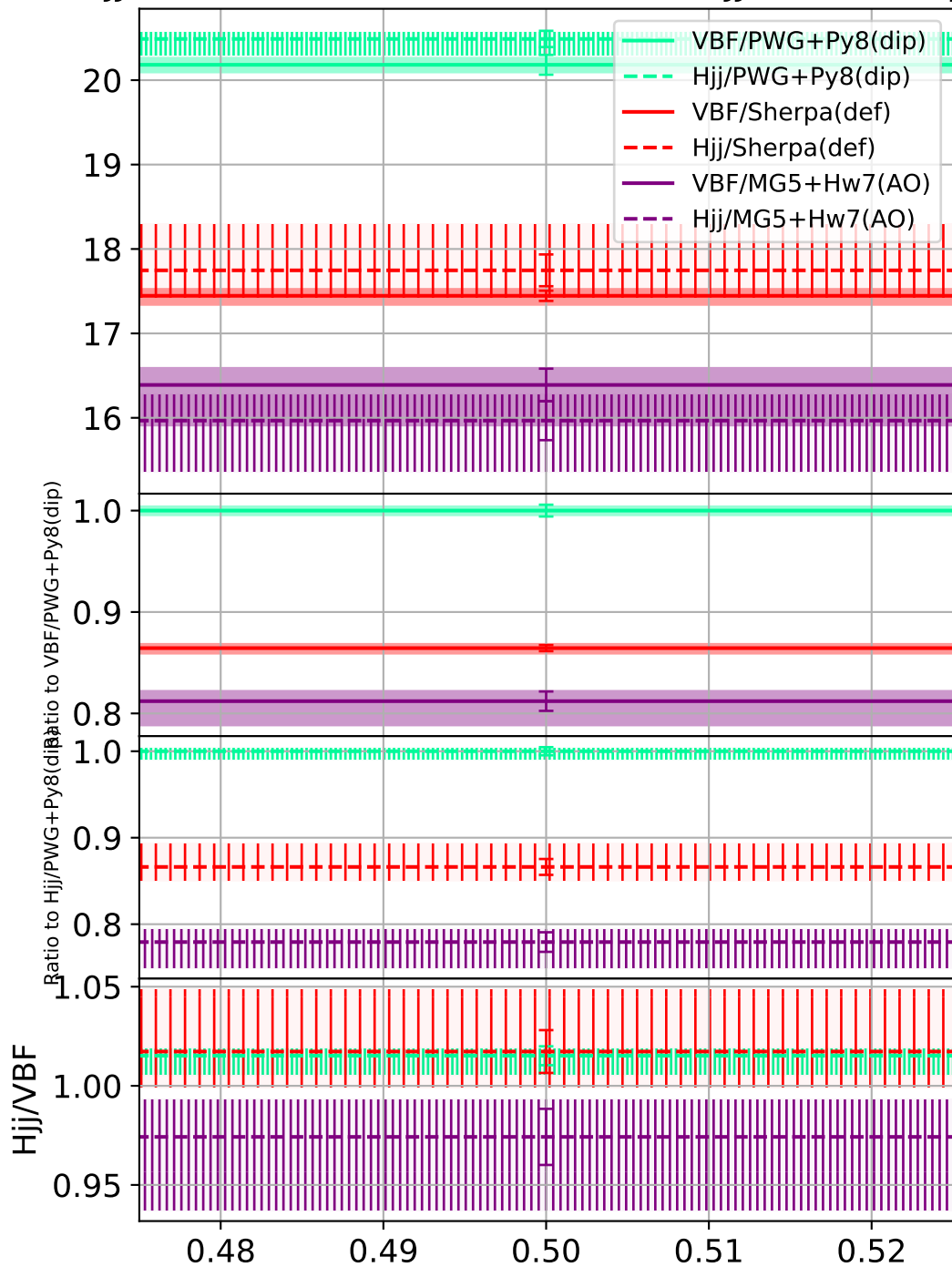


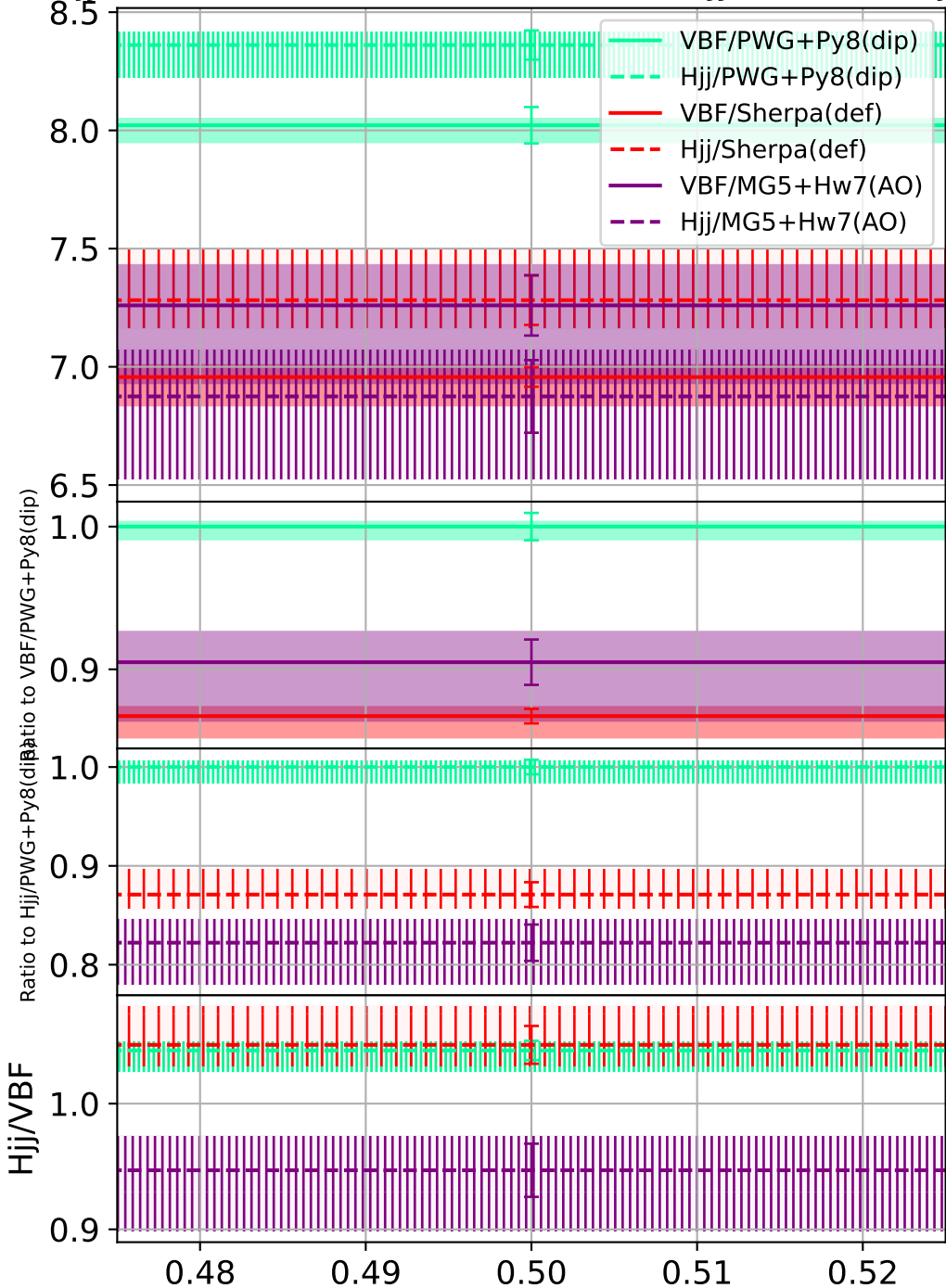
STXS-MJJ-1000-1500-PTH-0-200-PTHJJ-25-INFTY-DPHJJ-0-Pløv2

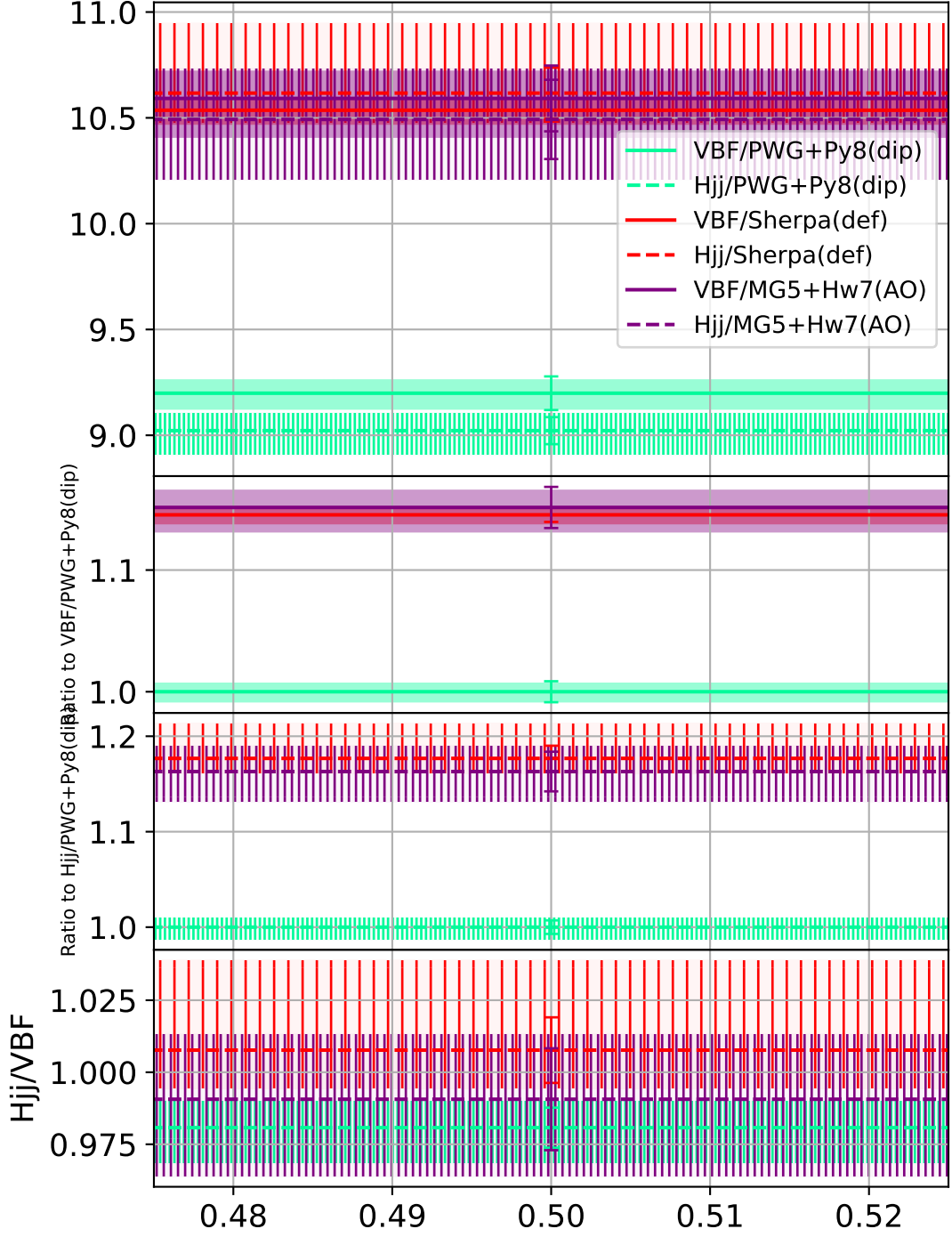


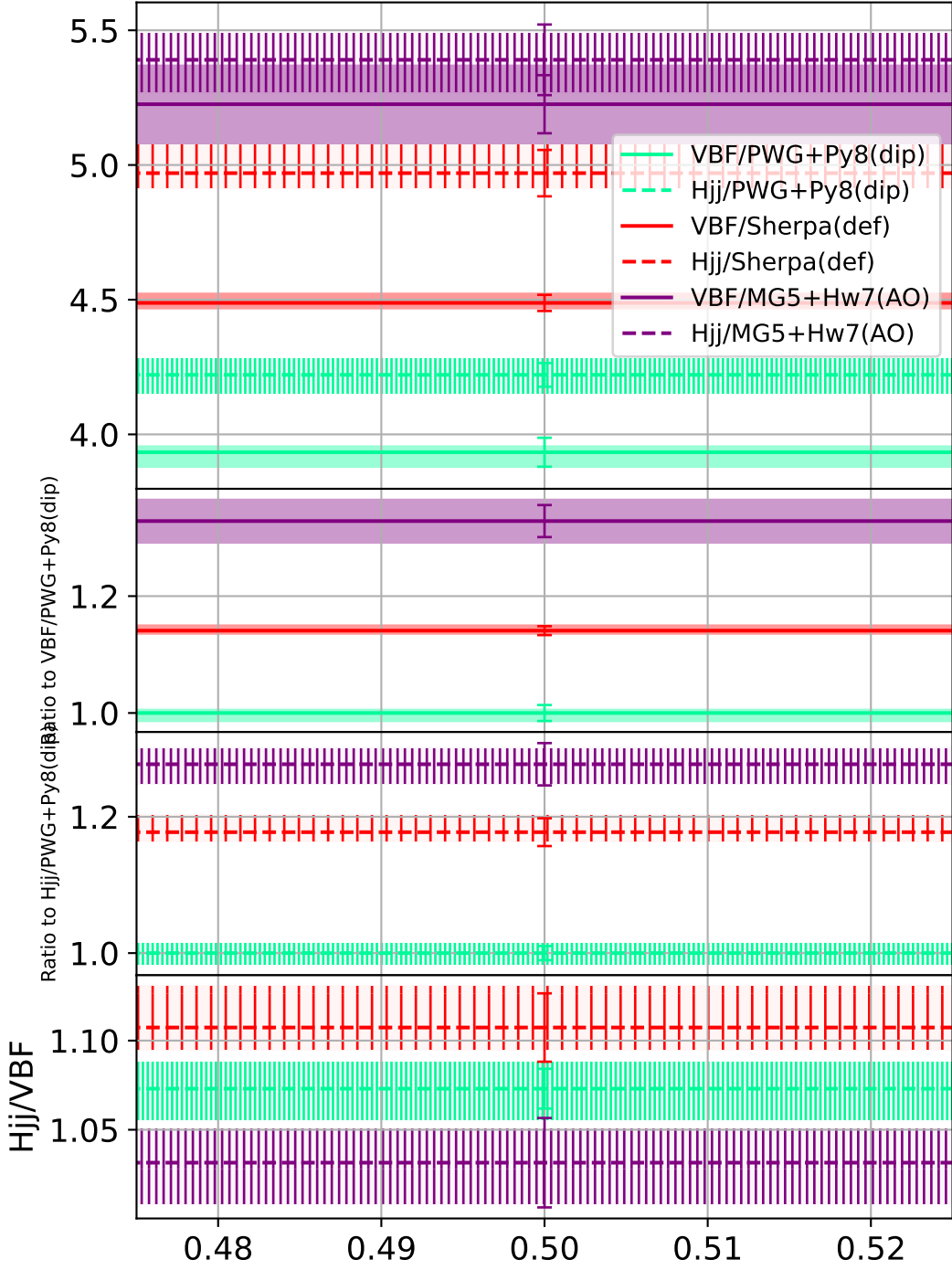


STXS-MJJ-1000-1500-PTH-200-INFTY-PTHJJ-0-25-DPHJJ-0-Plpv2

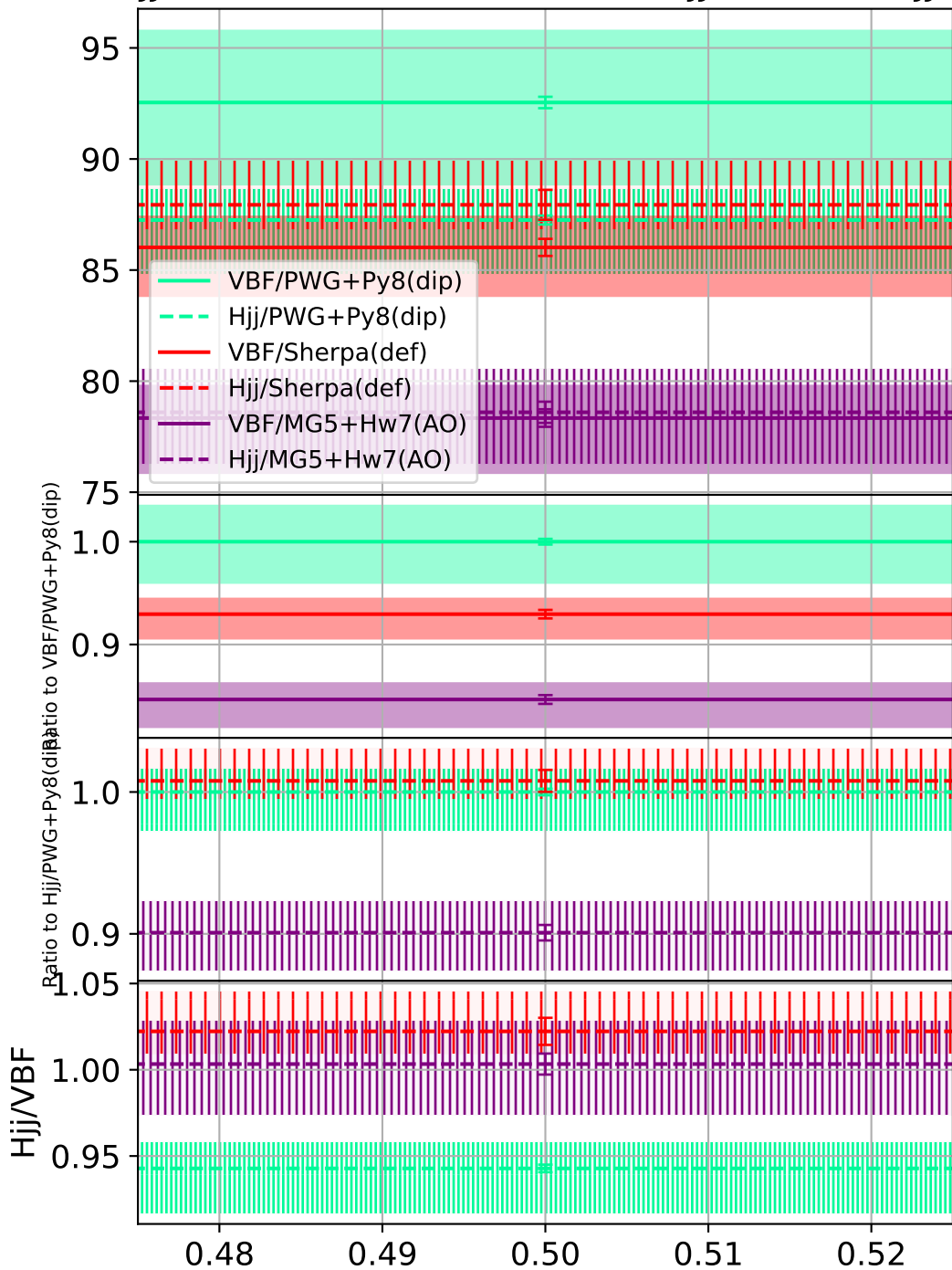




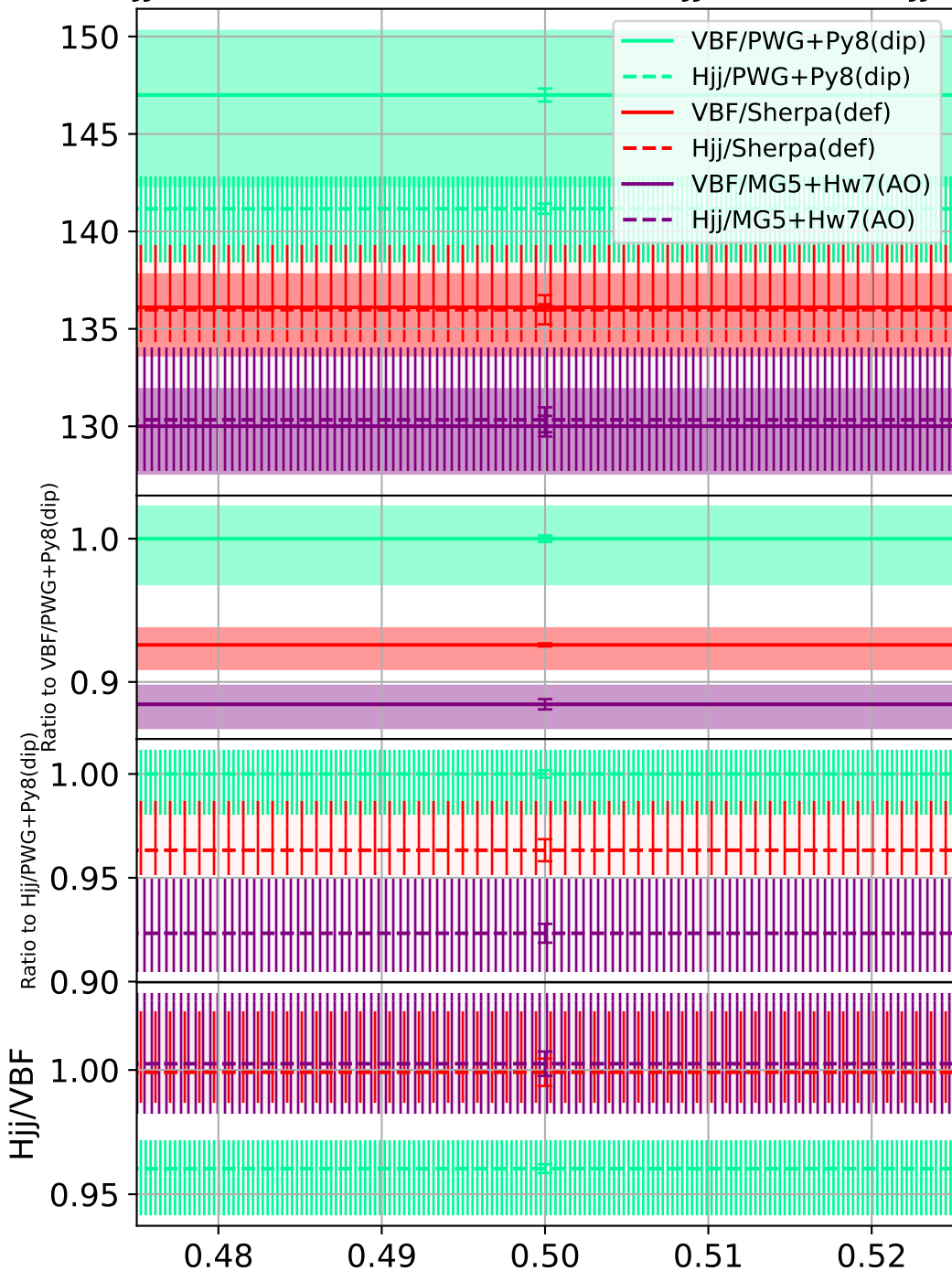




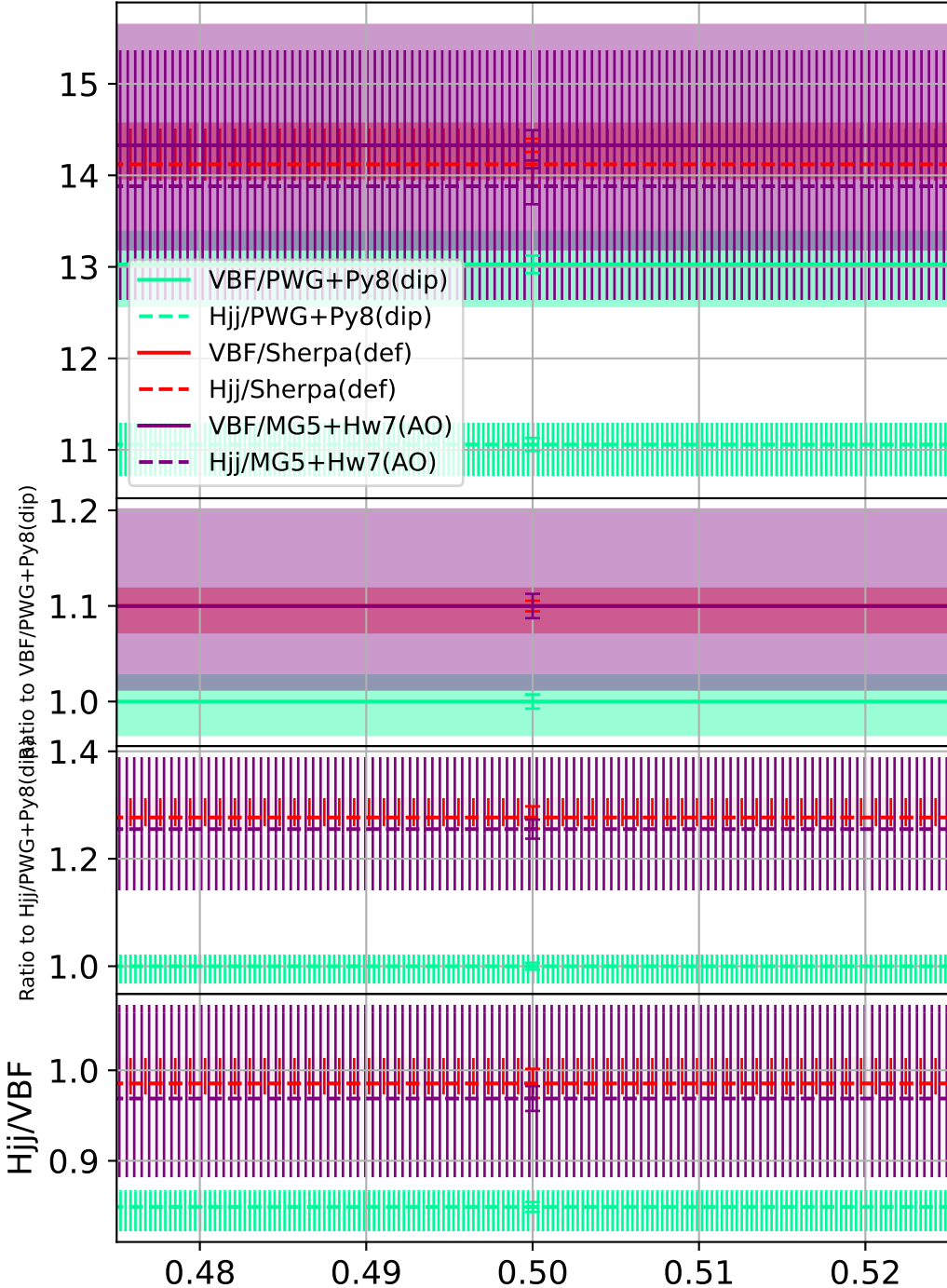
STXS-MJJ-1500-INFTY-PTH-0-200-PTHJJ-0-25-DPHJJ-0-Plpv2



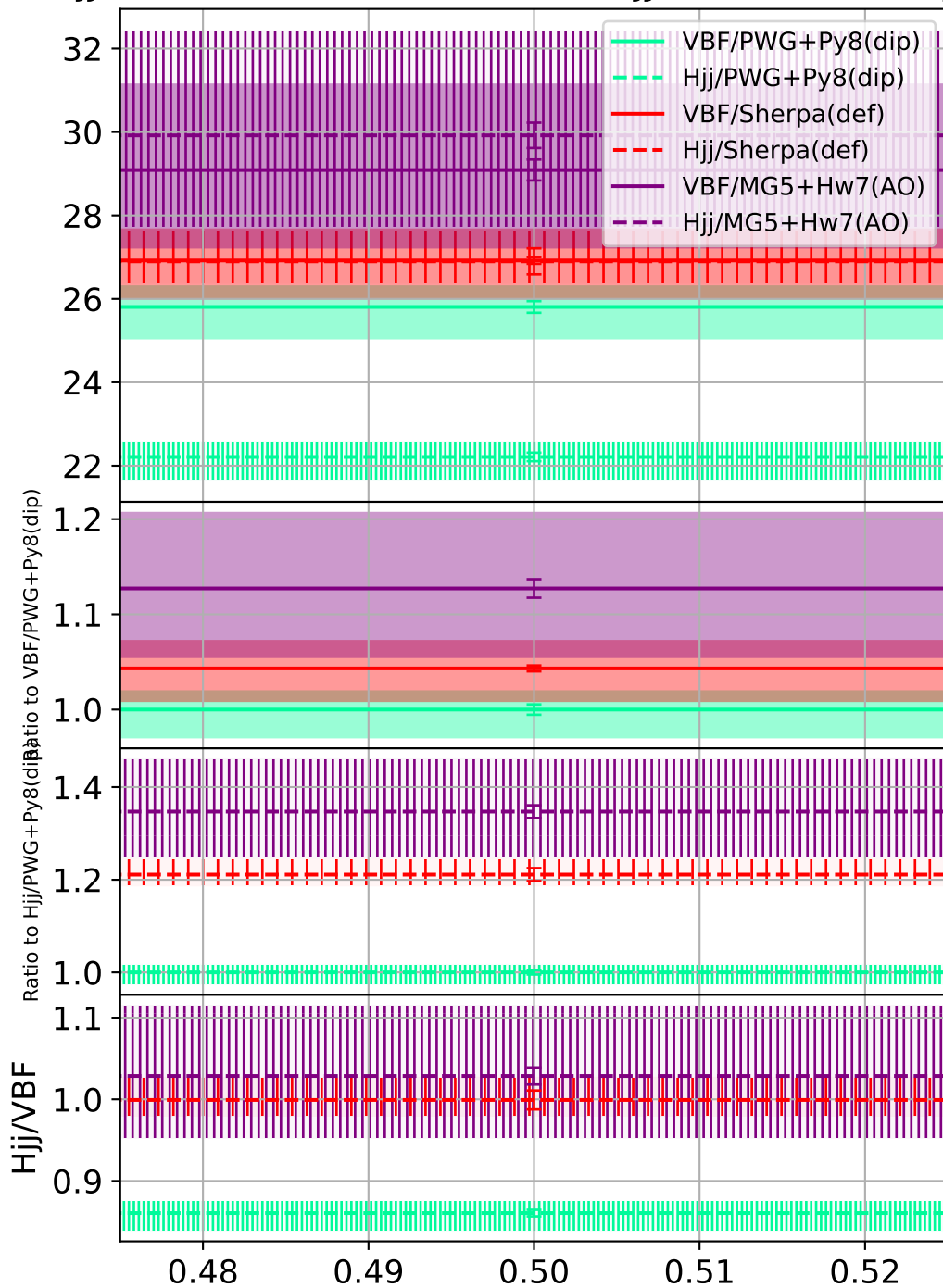
STXS-MJJ-1500-INFITY-PTH-0-200-PTHJJ-0-25-DPHJJ-Plpv2-PI



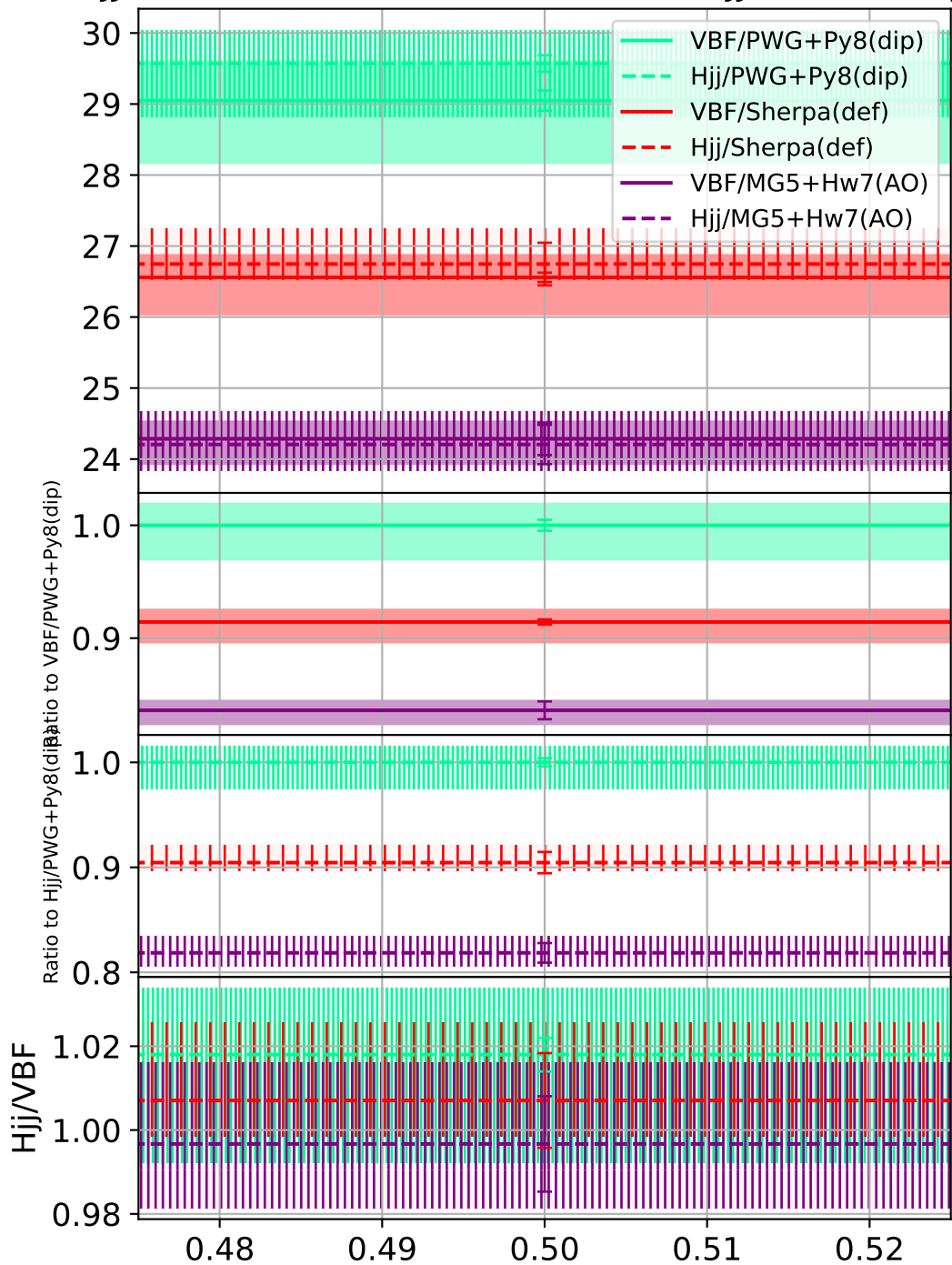
STXS-MJJ-1500-INFTY-PTH-0-200-PTHJJ-25-INFTY-DPHJJ-0-Plv2

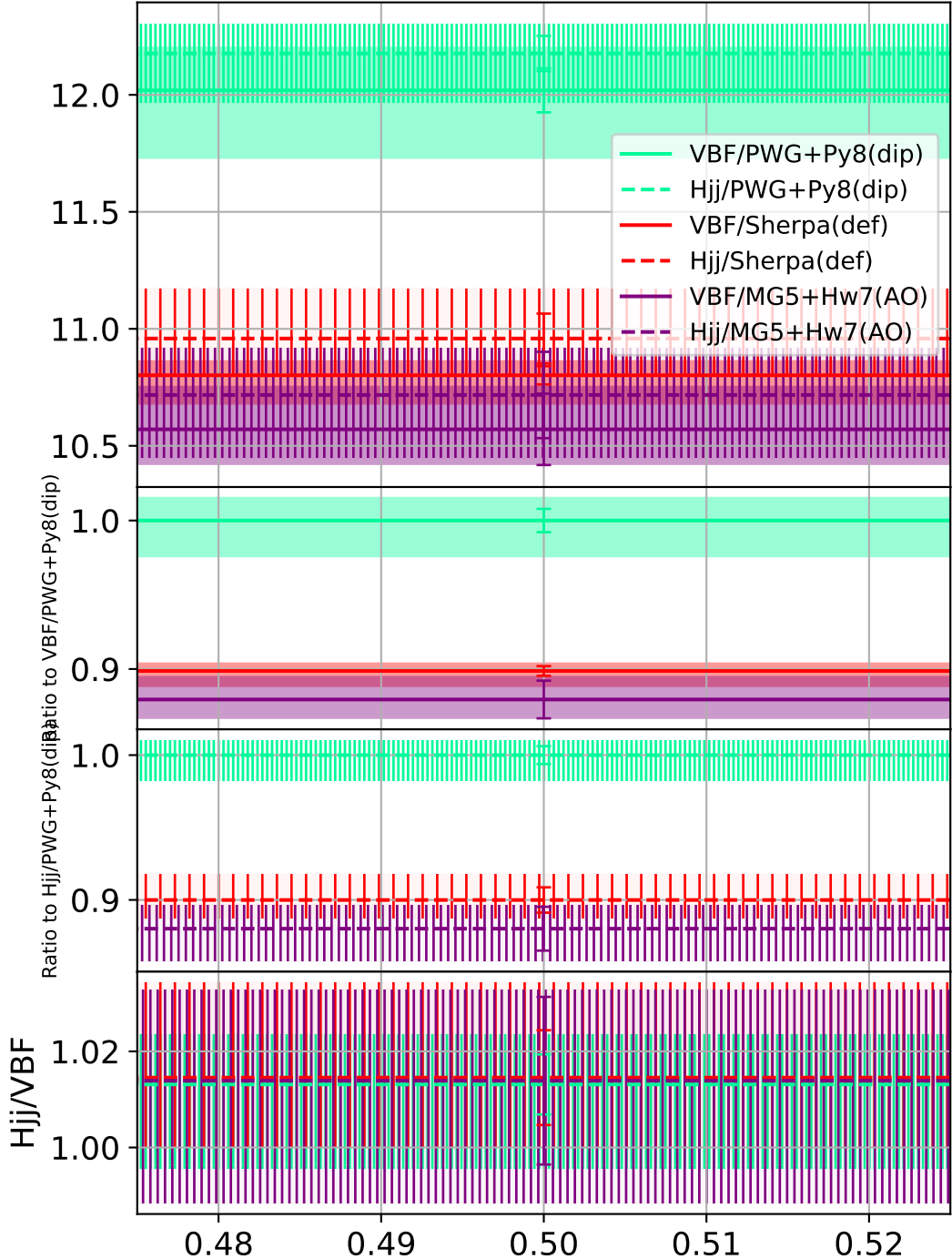


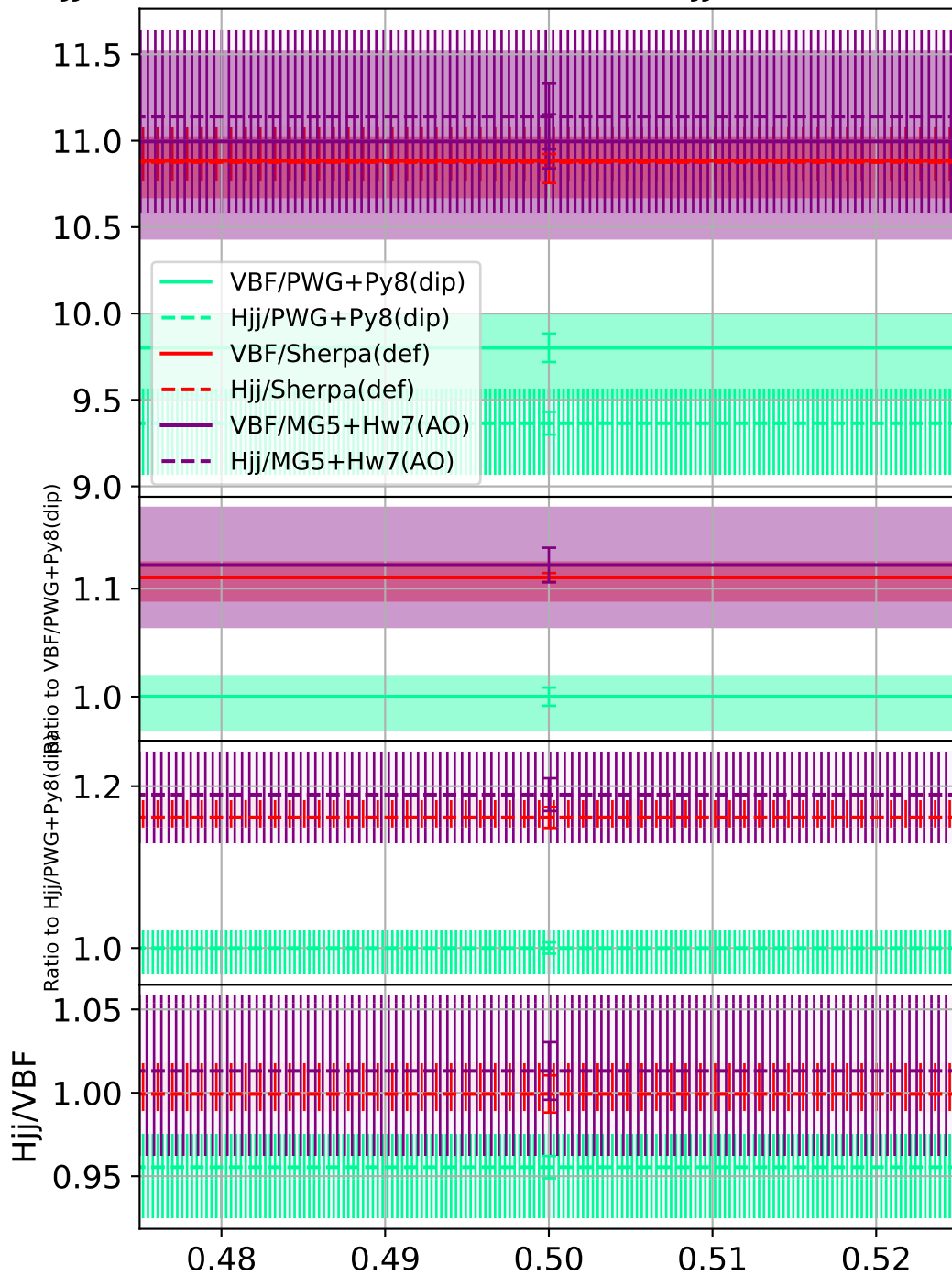
STXS-MJJ-1500-INFITY-PTH-0-200-PTHJJ-25-INFITY-DPHJJ-Plpv2-PI

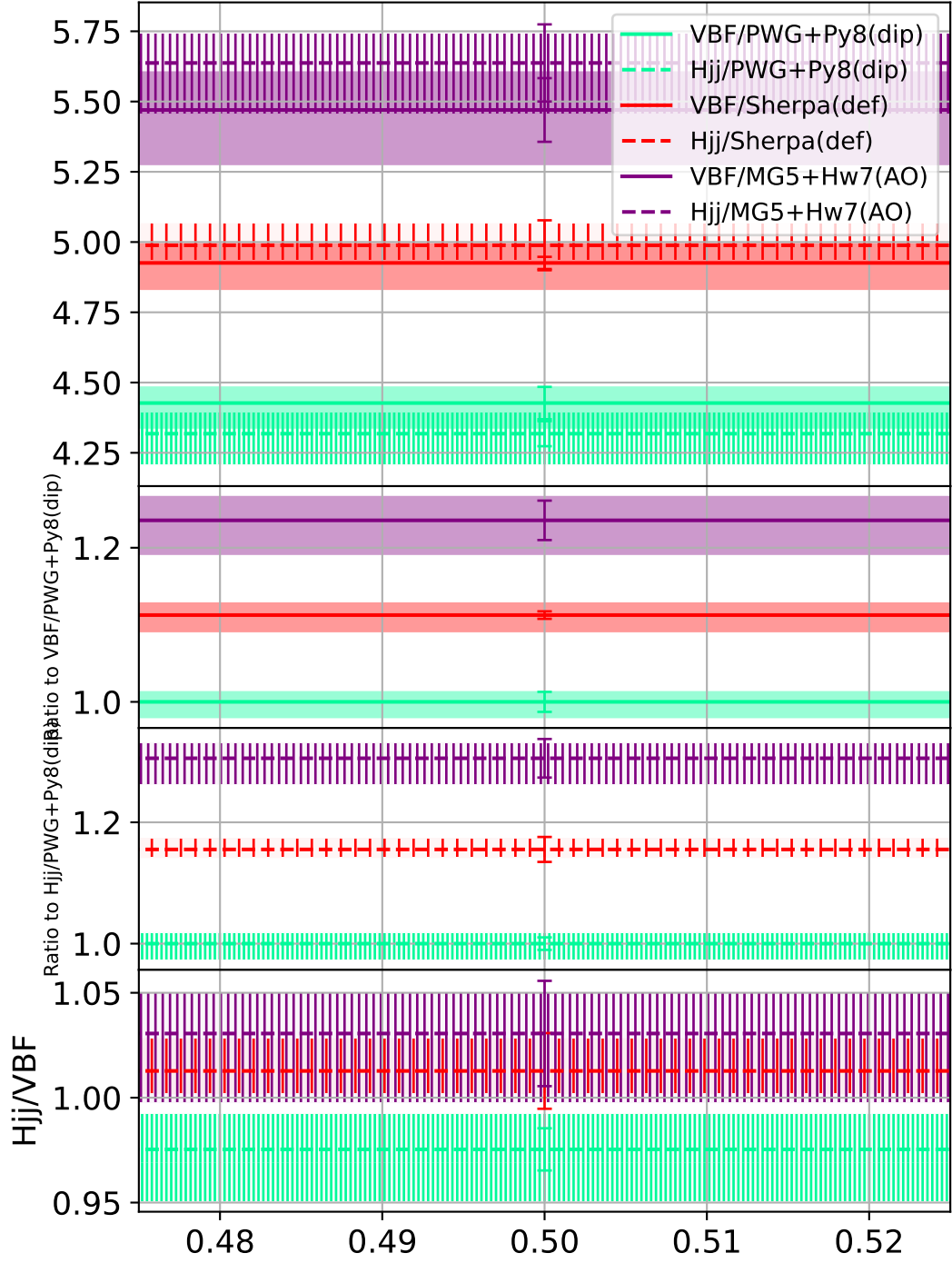


STXS-MJJ-1500-INFTY-PTH-200-INFTY-PTHJJ-0-25-DPHJJ-0-Plpv2

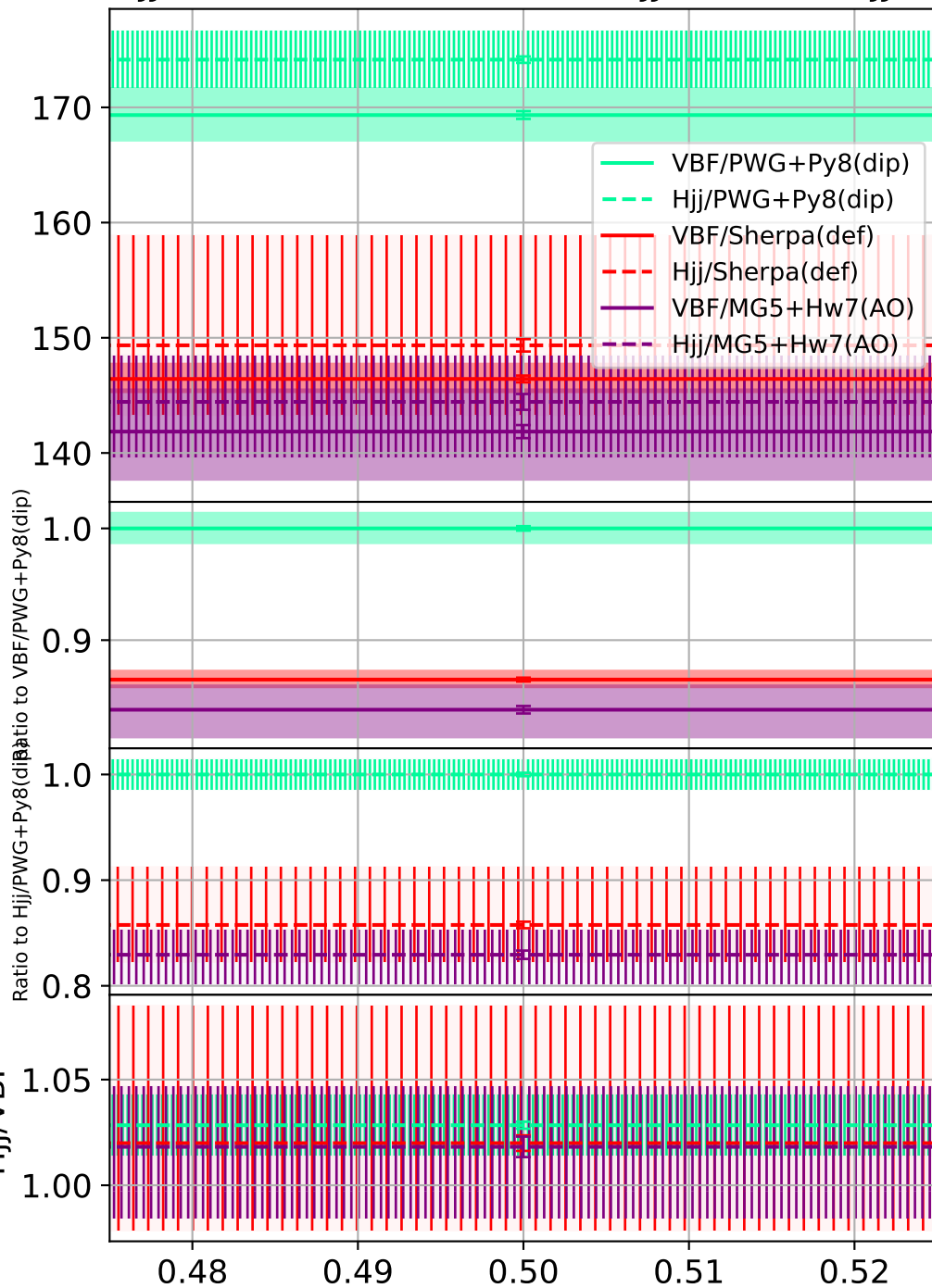




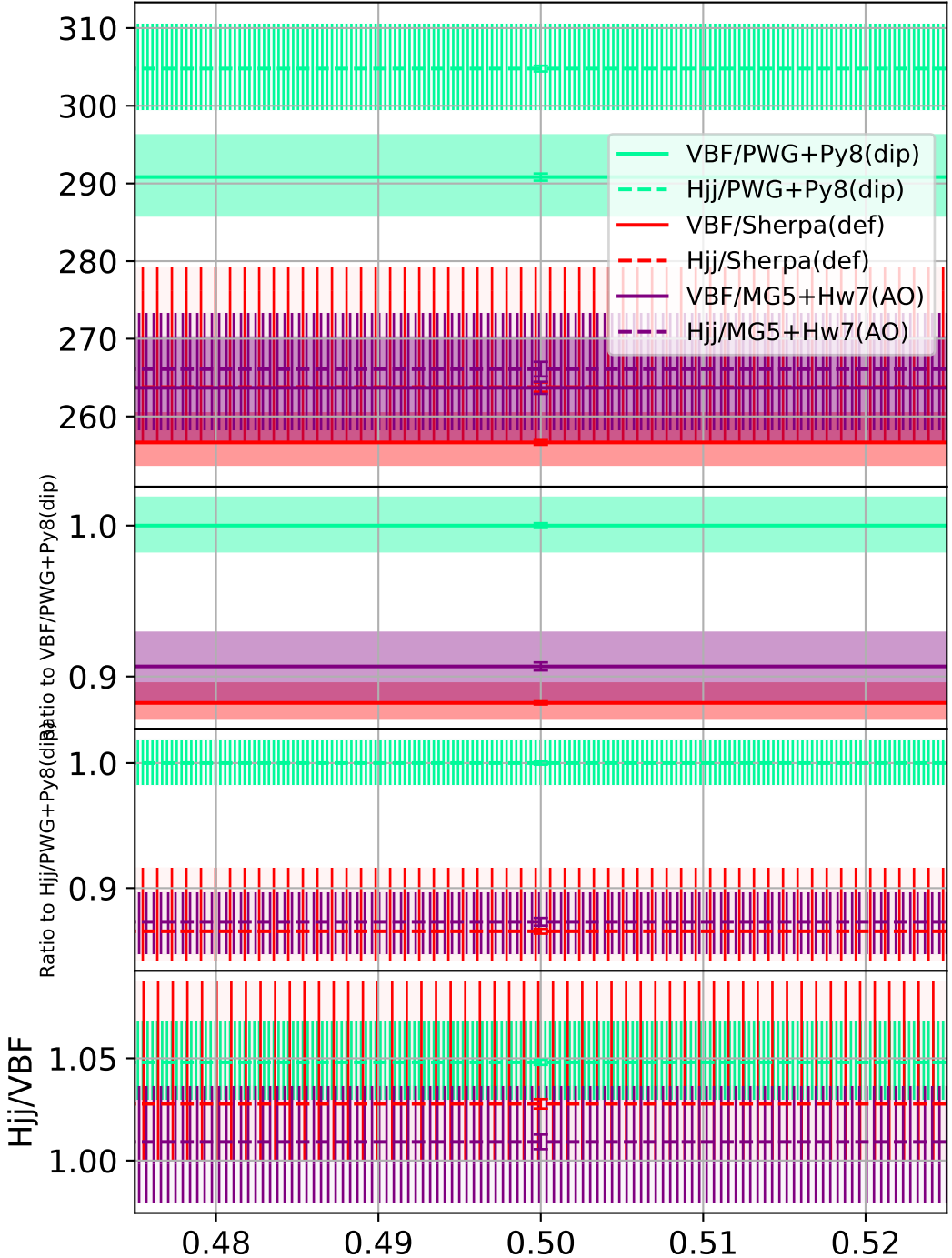




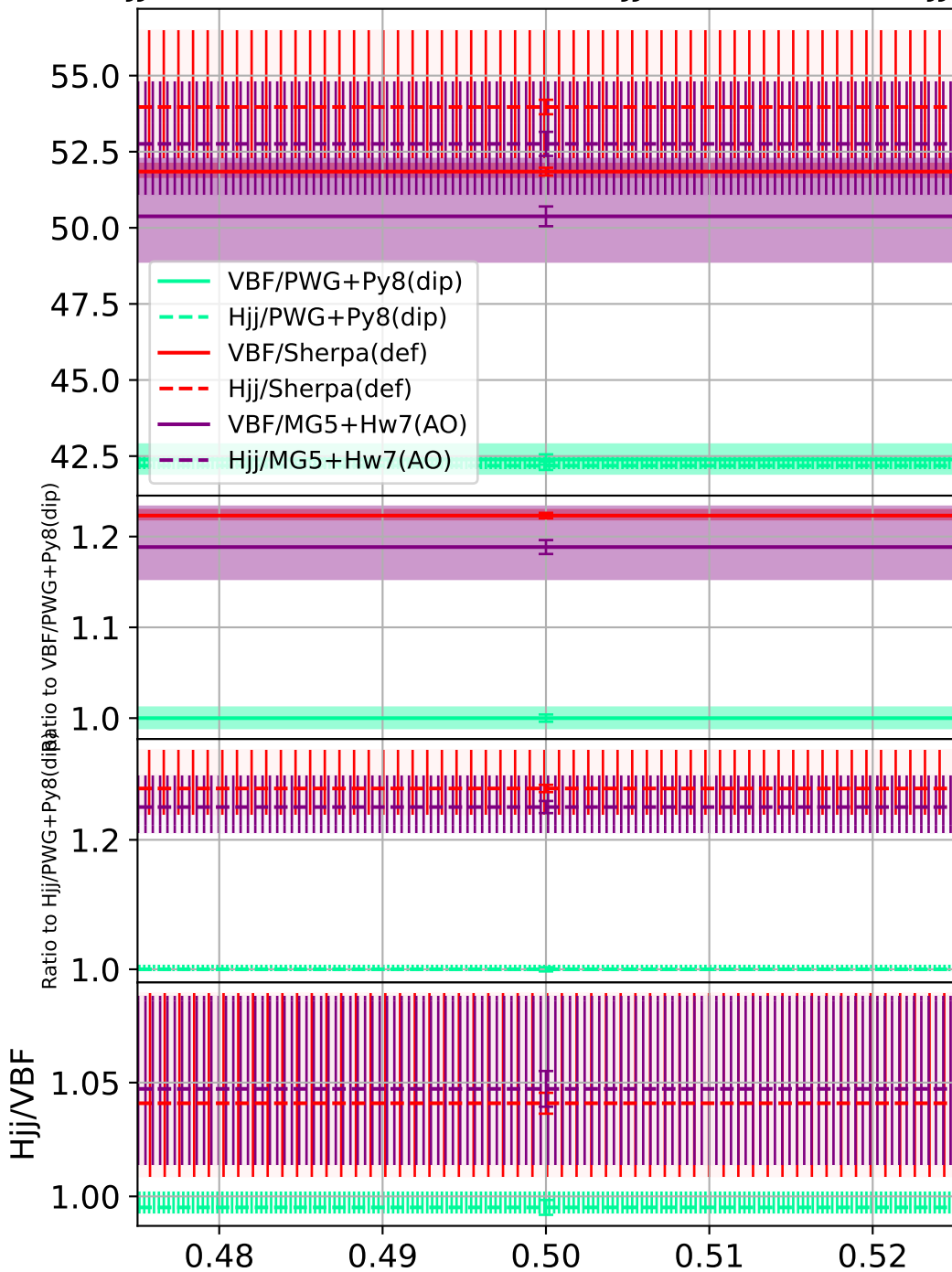
STXS-MJJ-350-700-PTH-0-200-PTHjj-0-25-DPHjj-0-Plov2



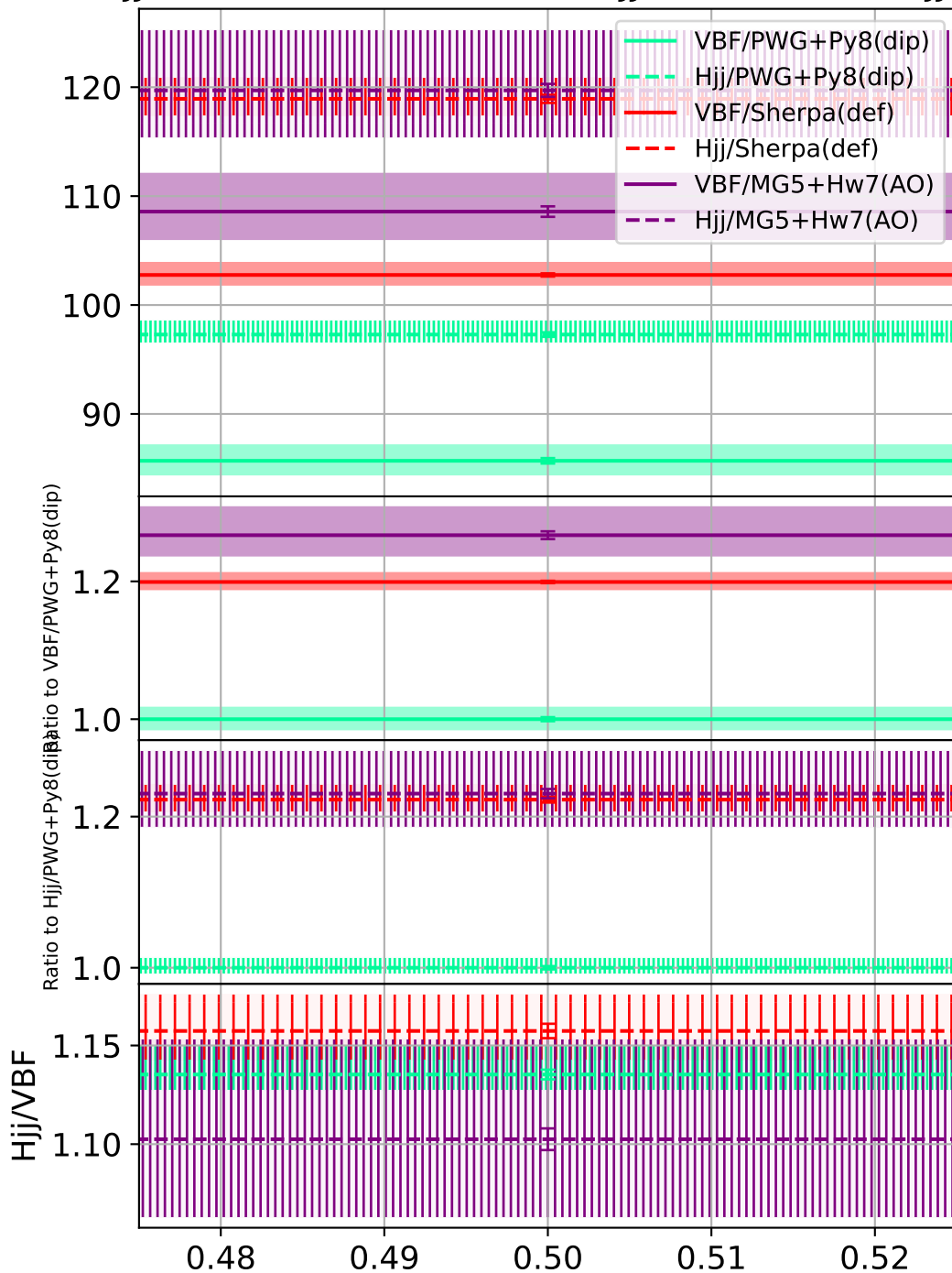
STXS-MJJ-350-700-PTH-0-200-PTHJJ-0-25-DPHJJ-Plpv2-PI



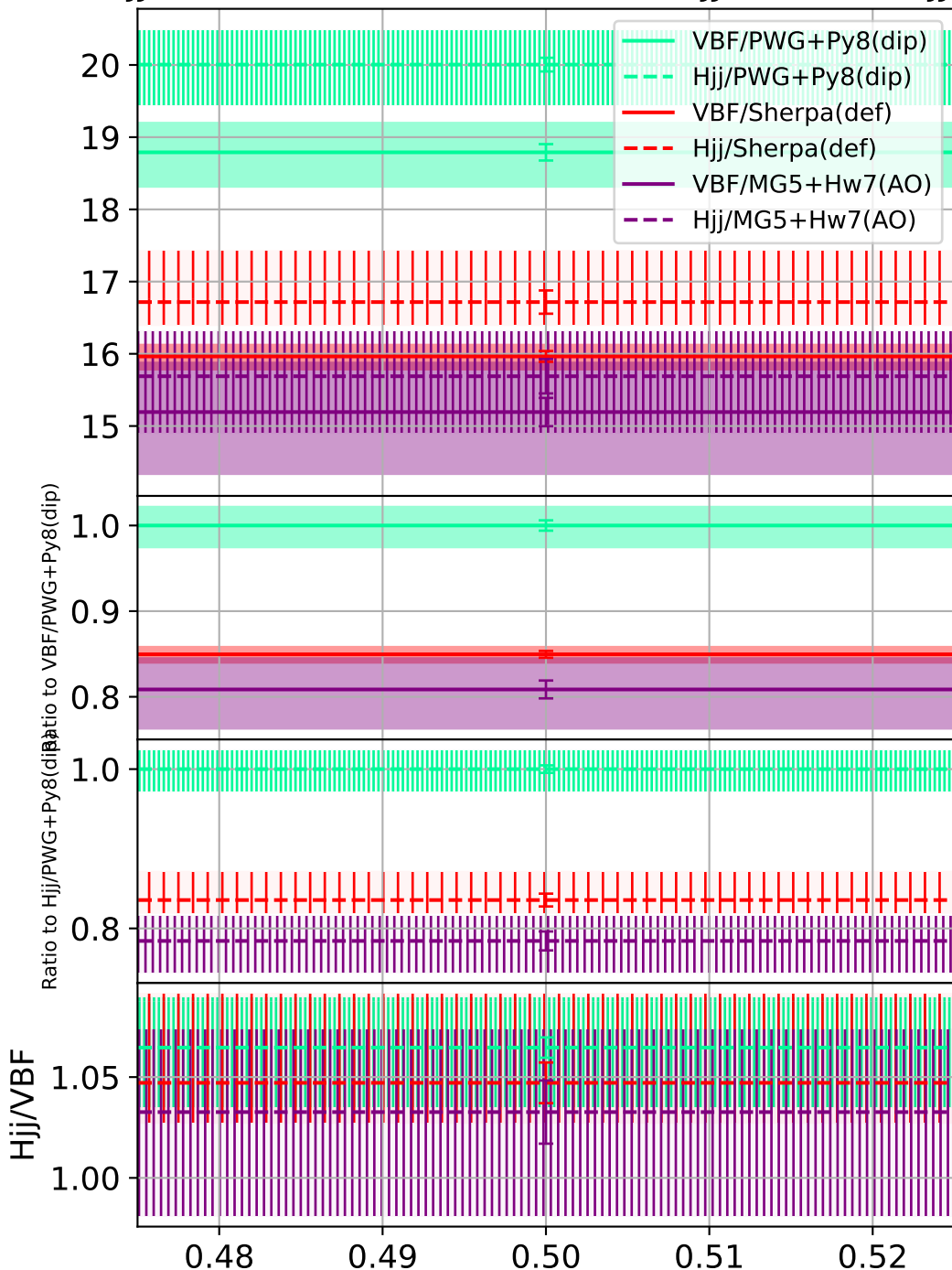
STXS-MJJ-350-700-PTH-0-200-PTHJJ-25-INFTY-DPHJJ-0-Plpv2

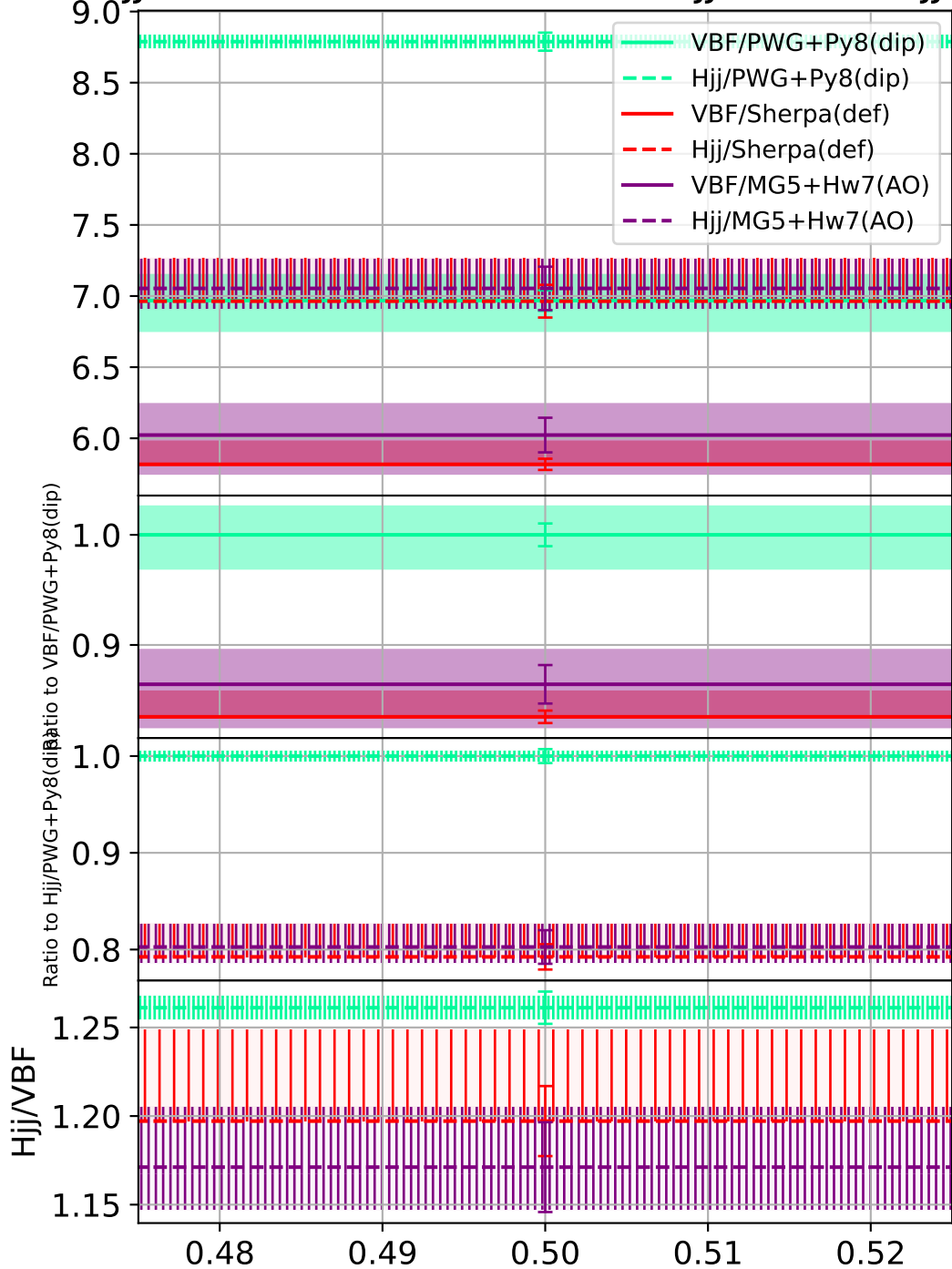


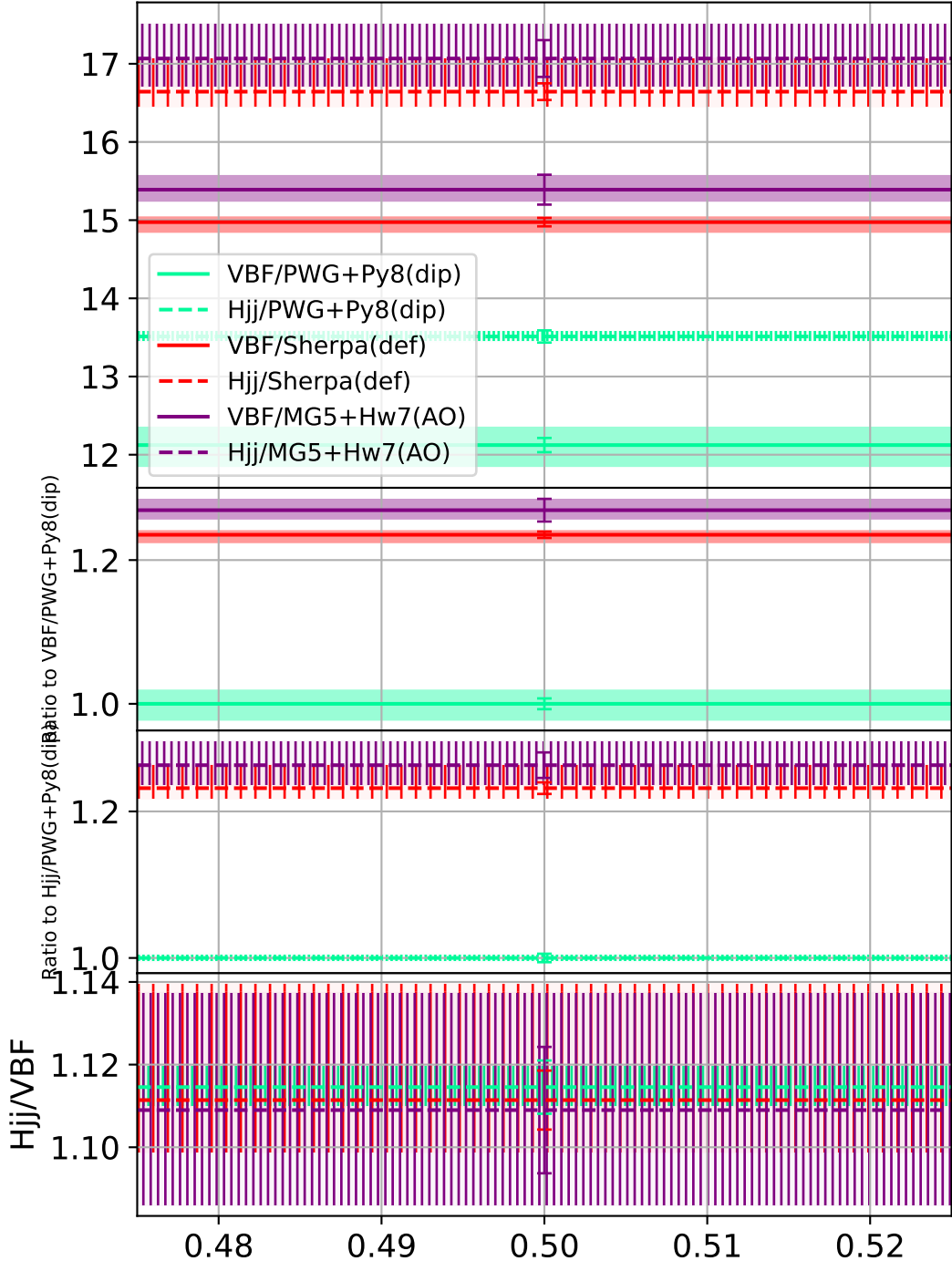
STXS-MJJ-350-700-PTH-0-200-PTHJJ-25-INFTY-DPHJJ-PIov2-PI

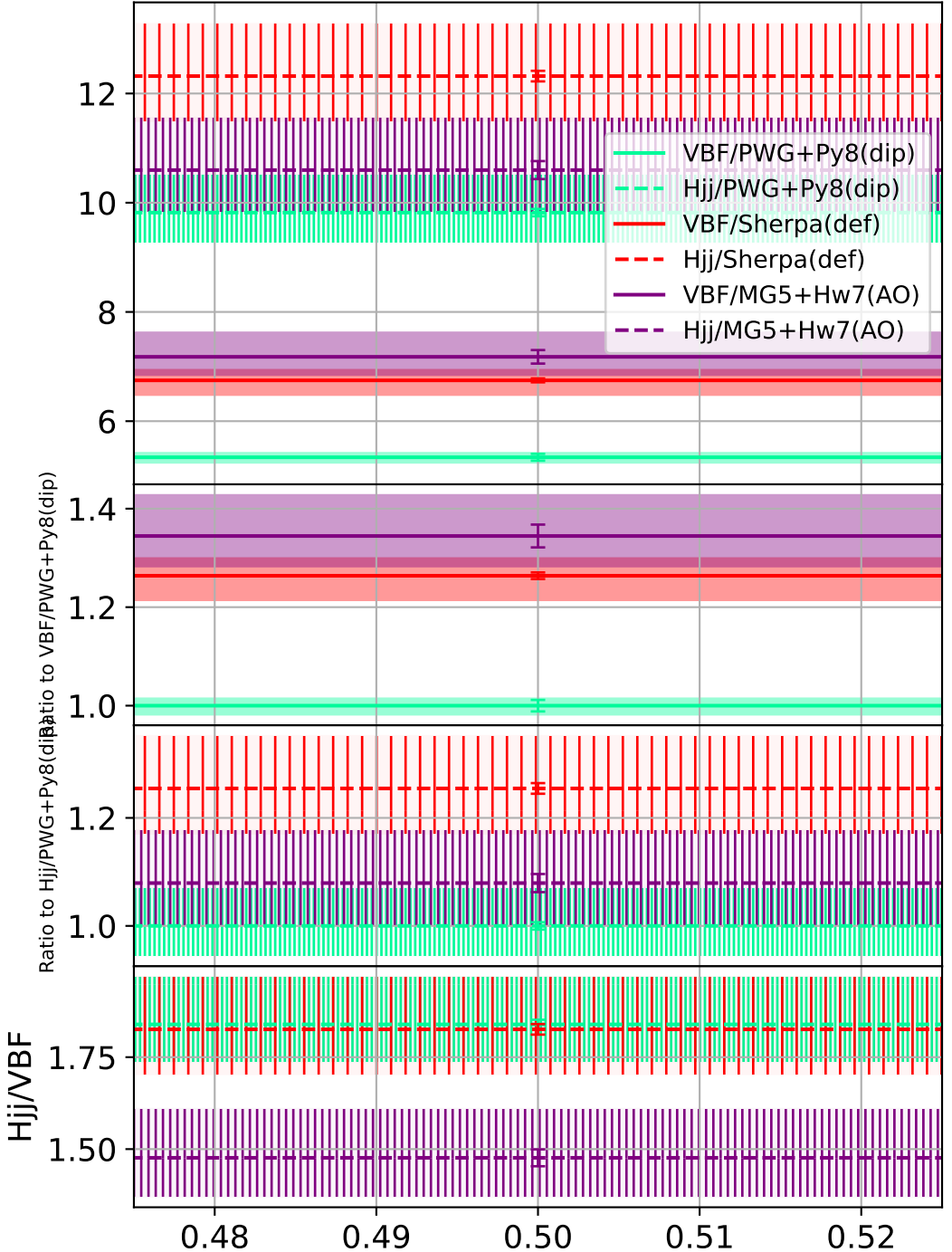


STXS-MJJ-350-700-PTH-200-INFTY-PTHJJ-0-25-DPHJJ-0-Plpv2

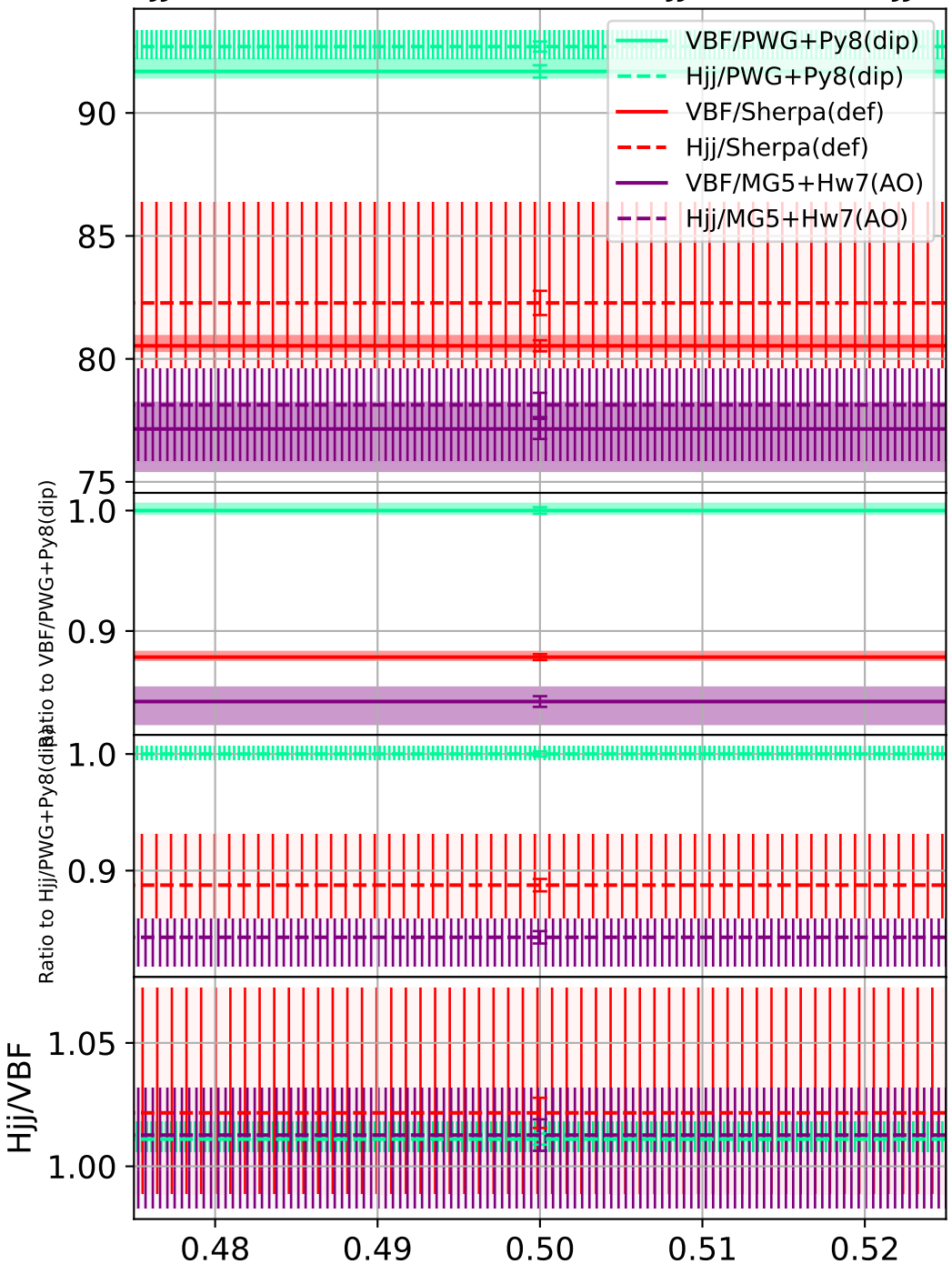




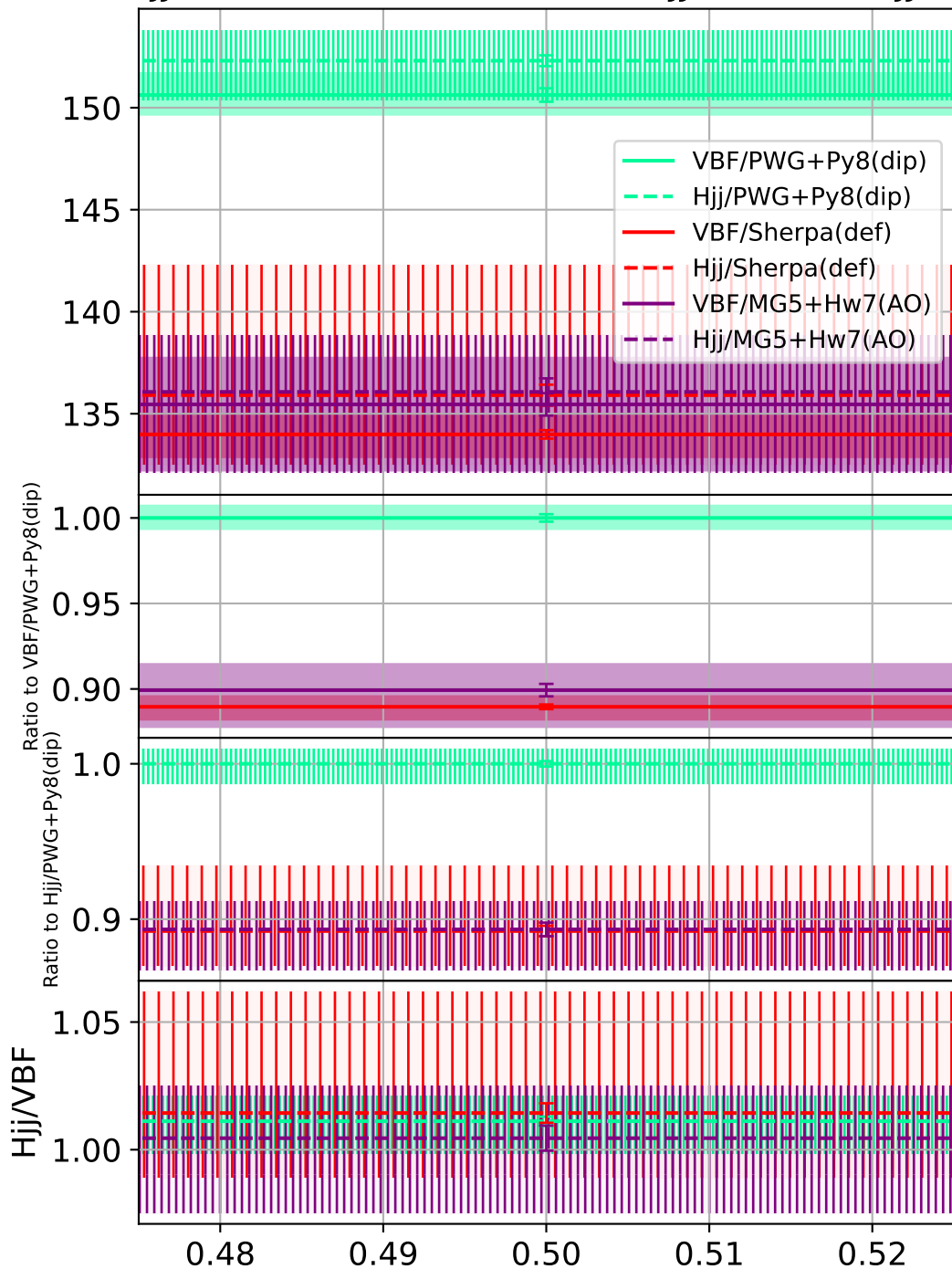




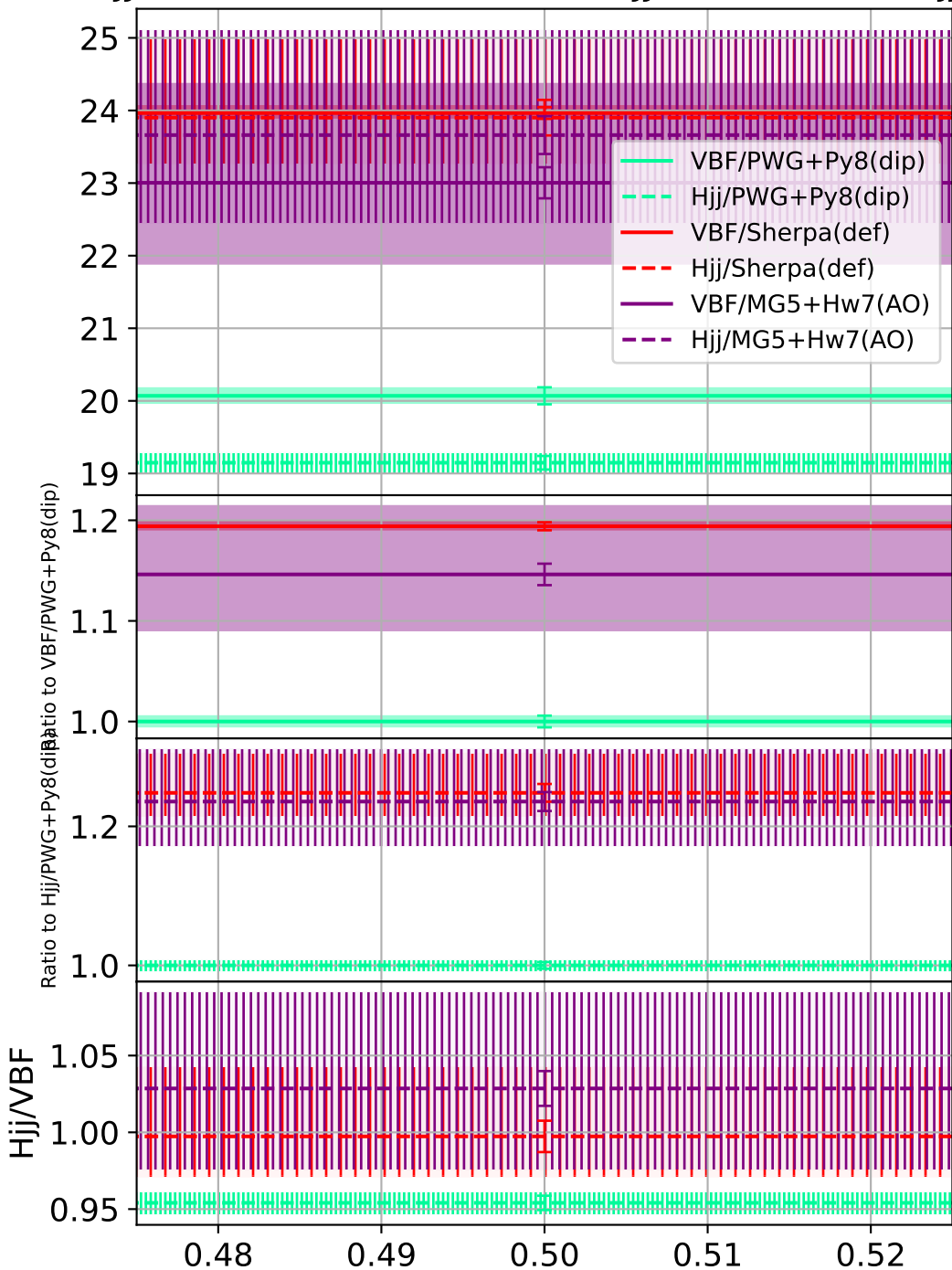
STXS-MJJ-700-1000-PTH-0-200-PTHJJ-0-25-DPHJJ-0-Plov2



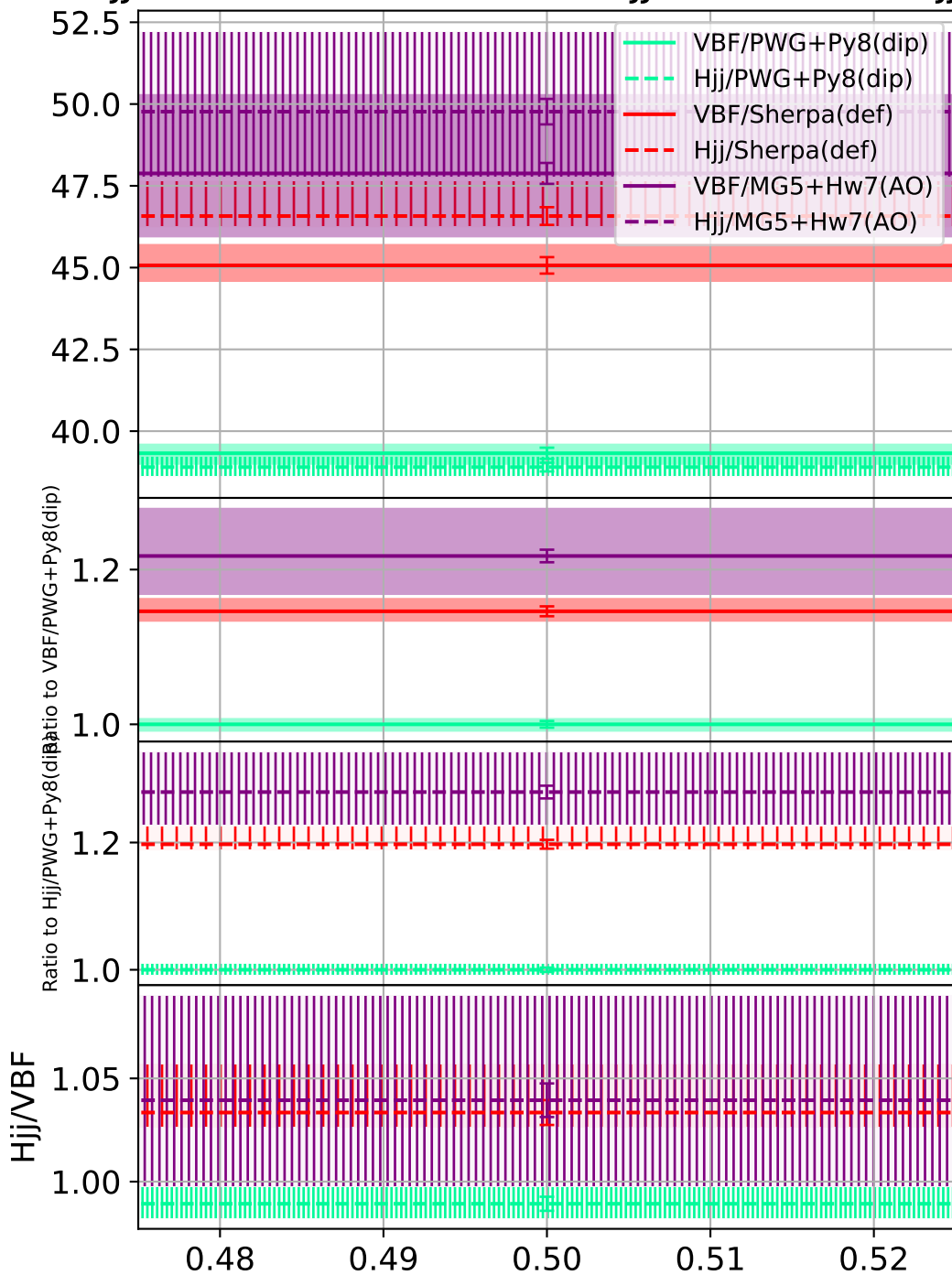
STXS-MJJ-700-1000-PTH-0-200-PTHJJ-0-25-DPHJJ-PIov2-PI



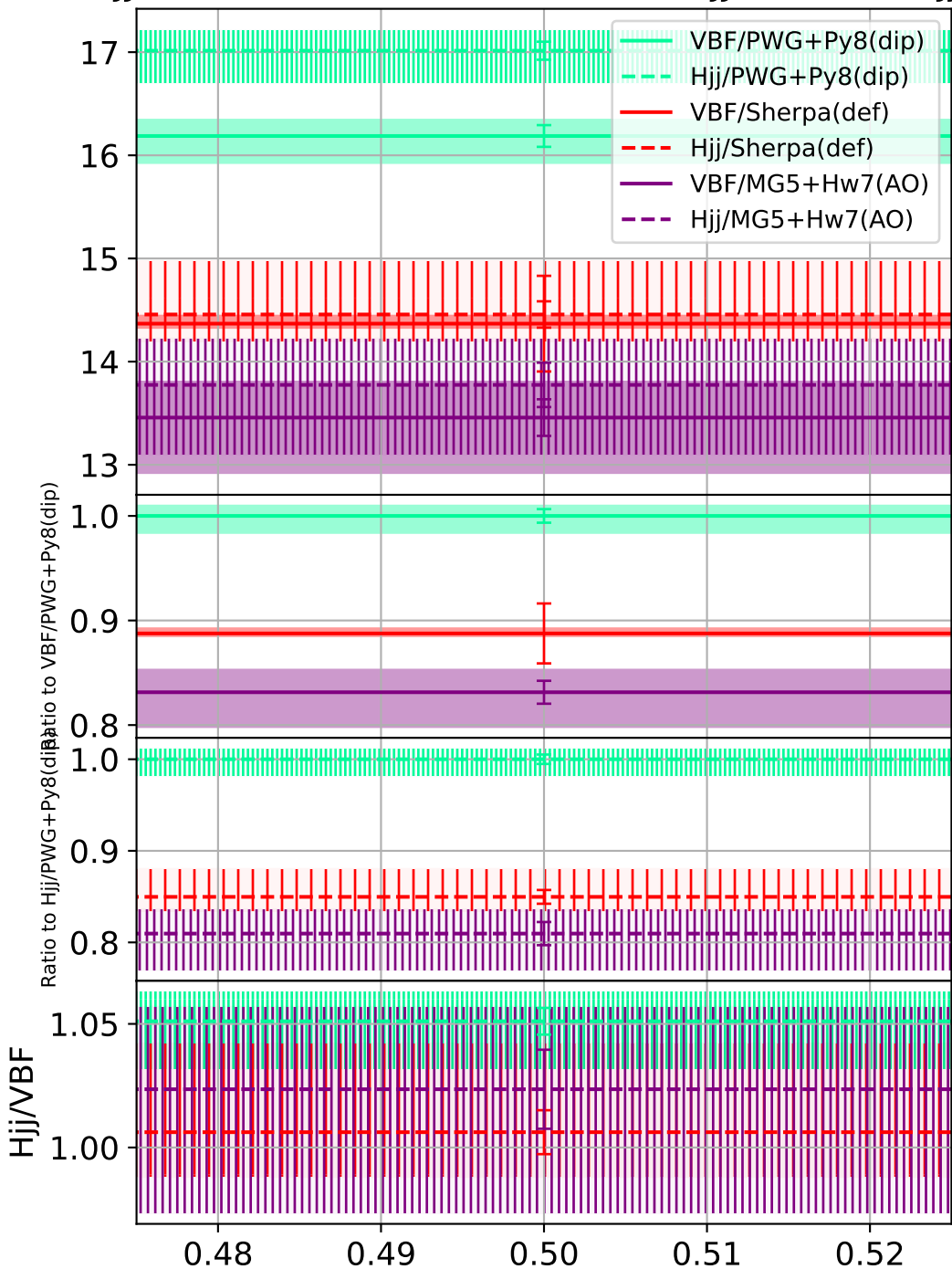
STXS-MJJ-700-1000-PTH-0-200-PTHJJ-25-INFTY-DPHJJ-0-Plpv2

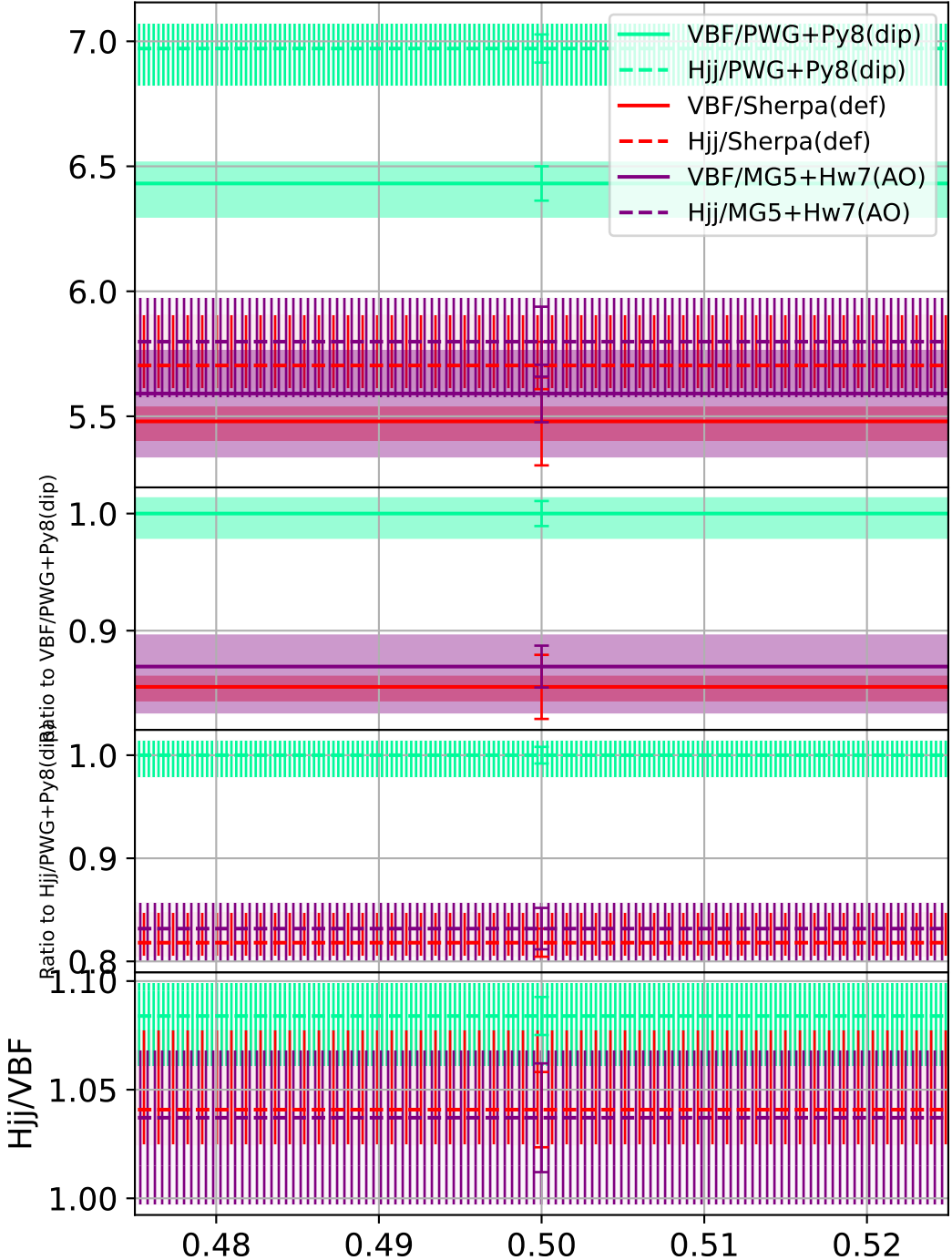


STXS-MJJ-700-1000-PTH-0-200-PTHJj-25-INFTY-DPHJj-Plpv2-PI

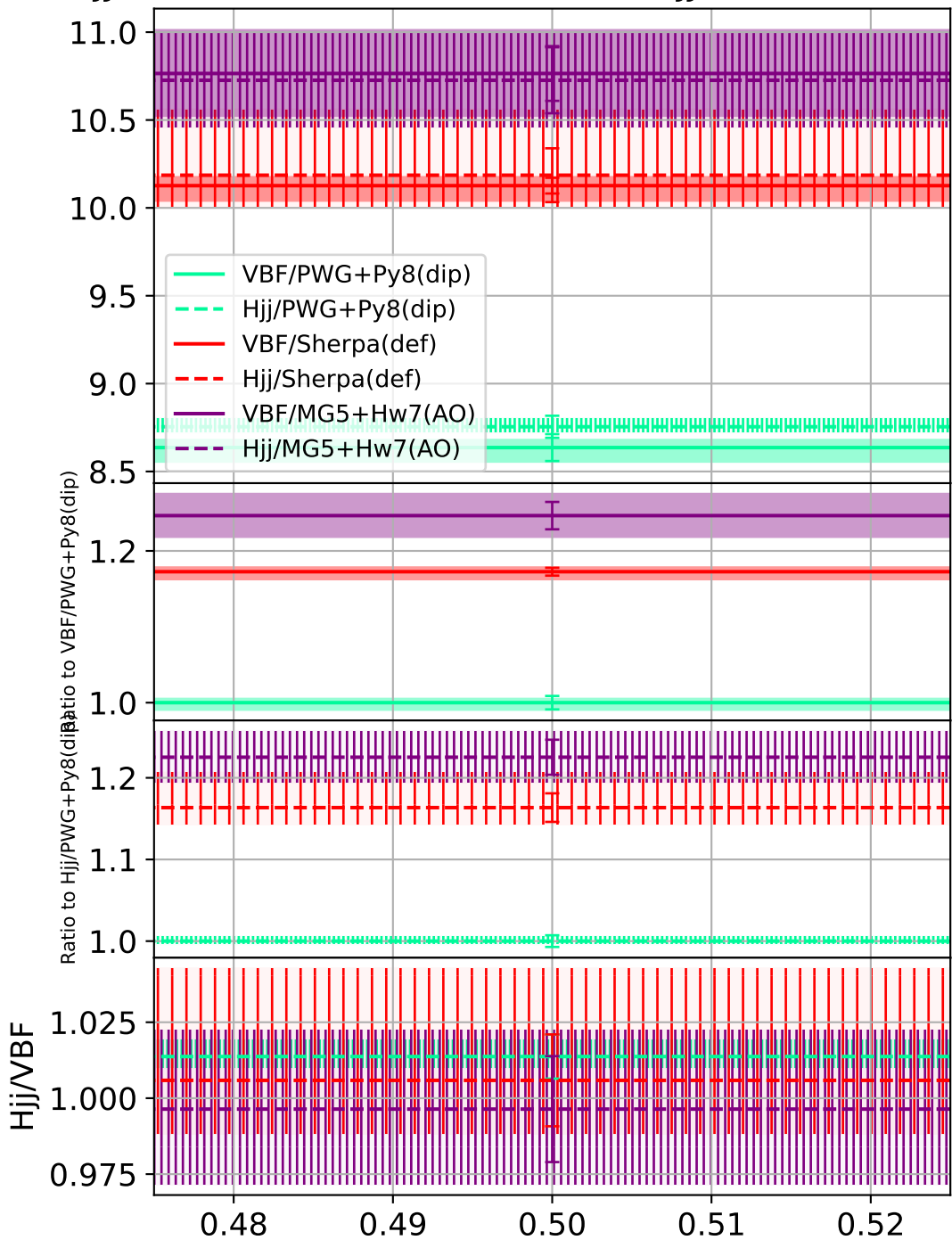


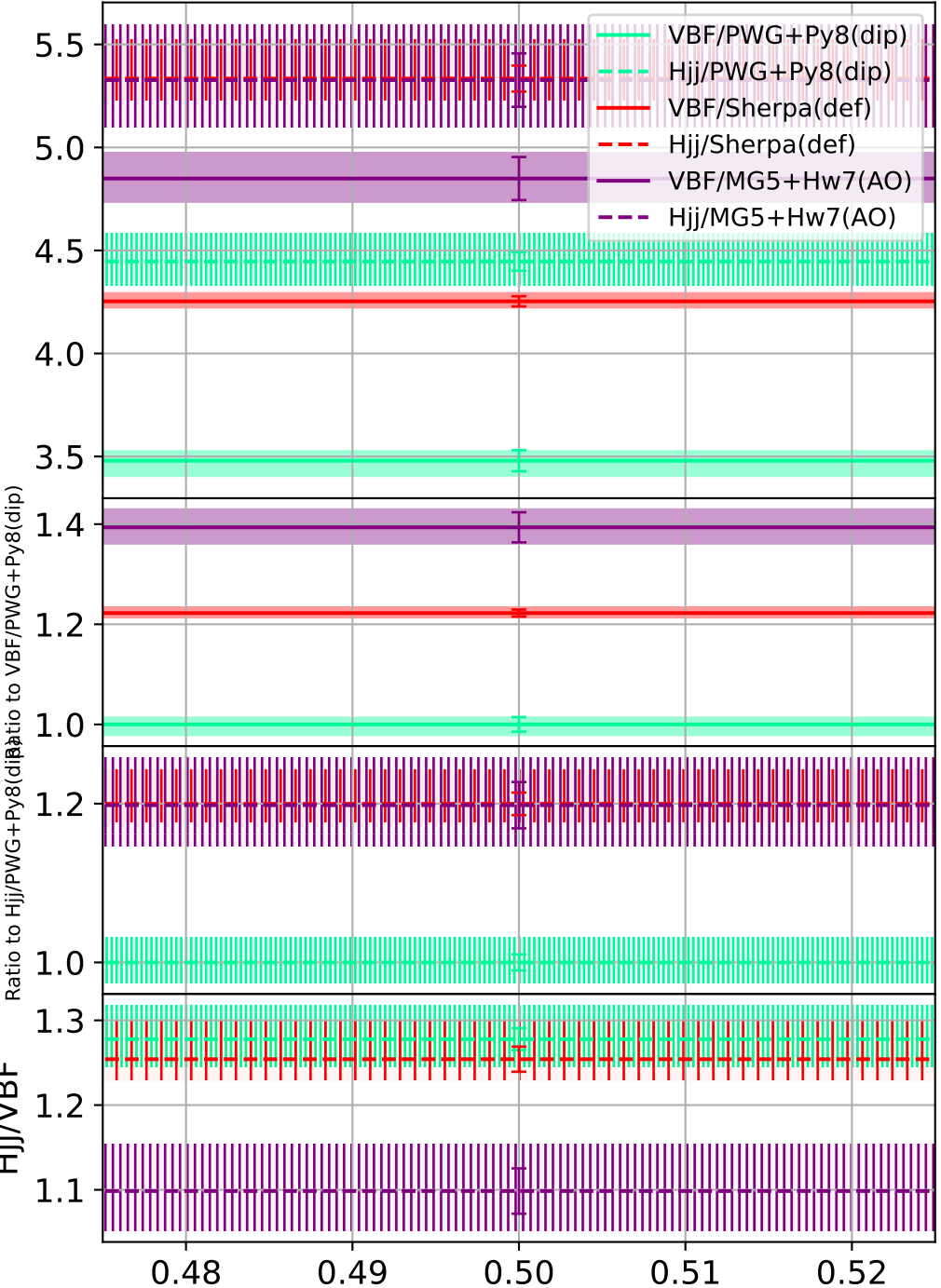
STXS-MJJ-700-1000-PTH-200-INFTY-PTHJJ-0-25-DPHJJ-0-Plpv2



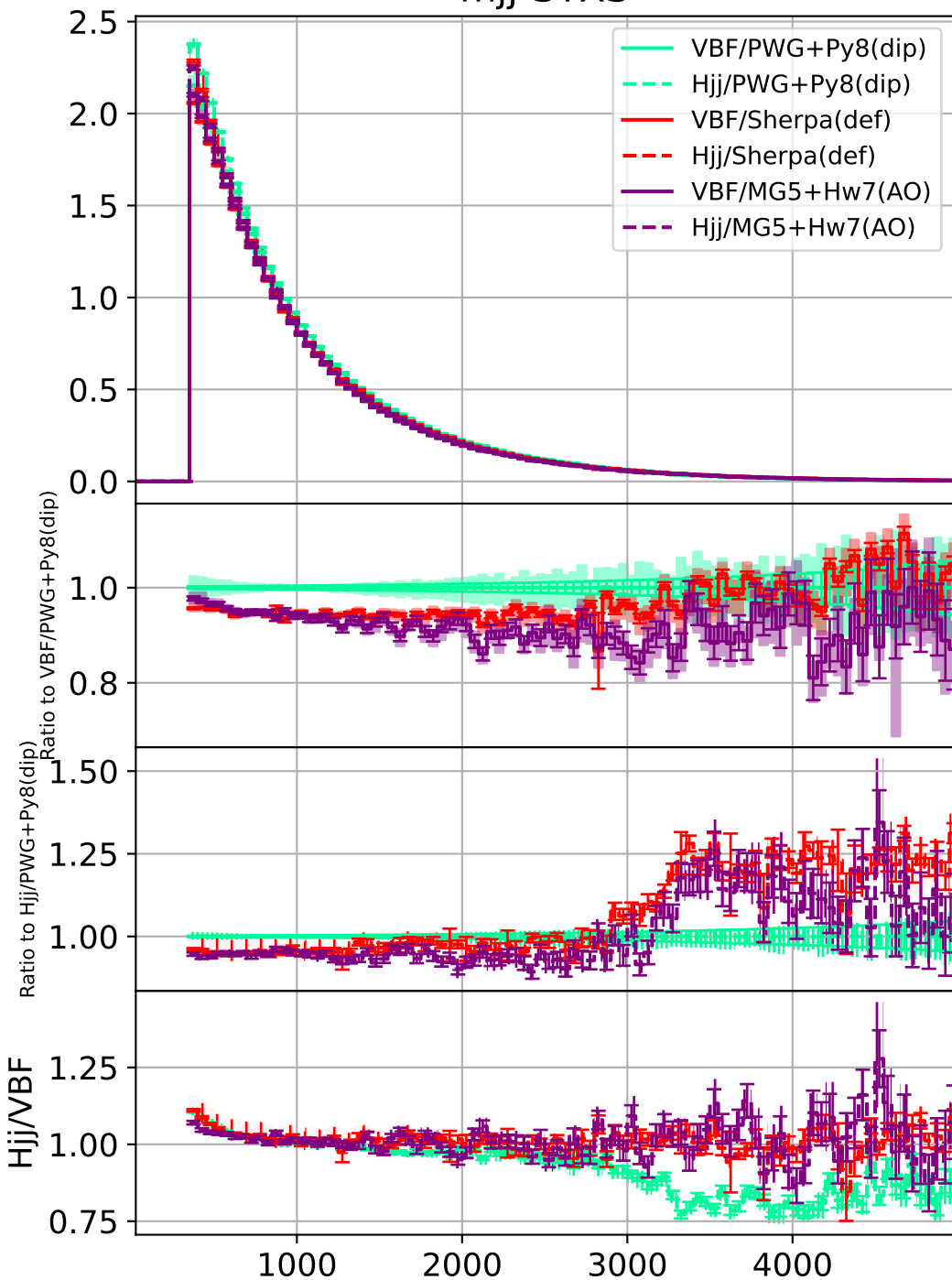


STXS-MJJ-700-1000-PTH-200-INFTY-PTHJJ-25-INFTY-DPHJJ-0-Plpv2

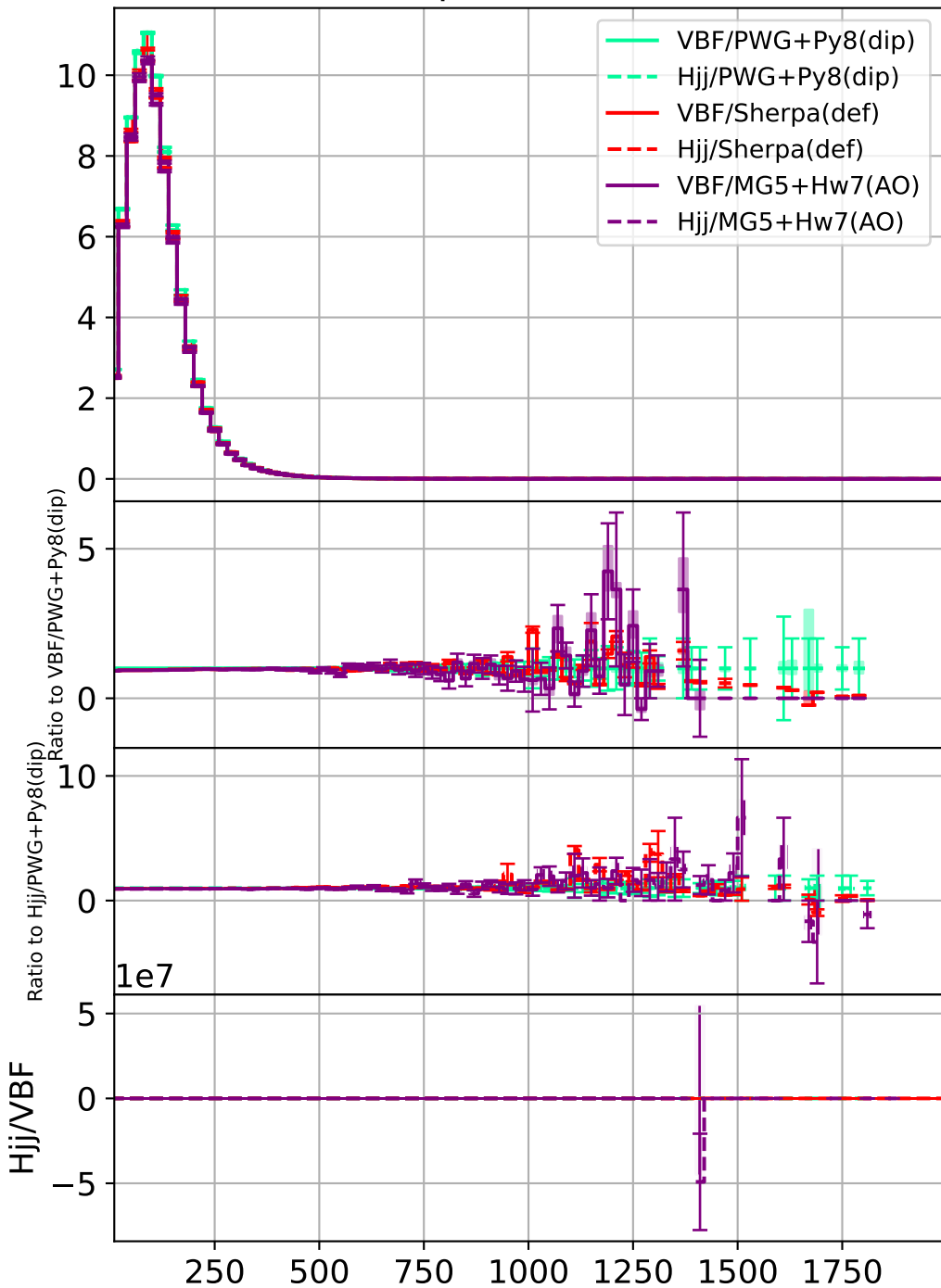




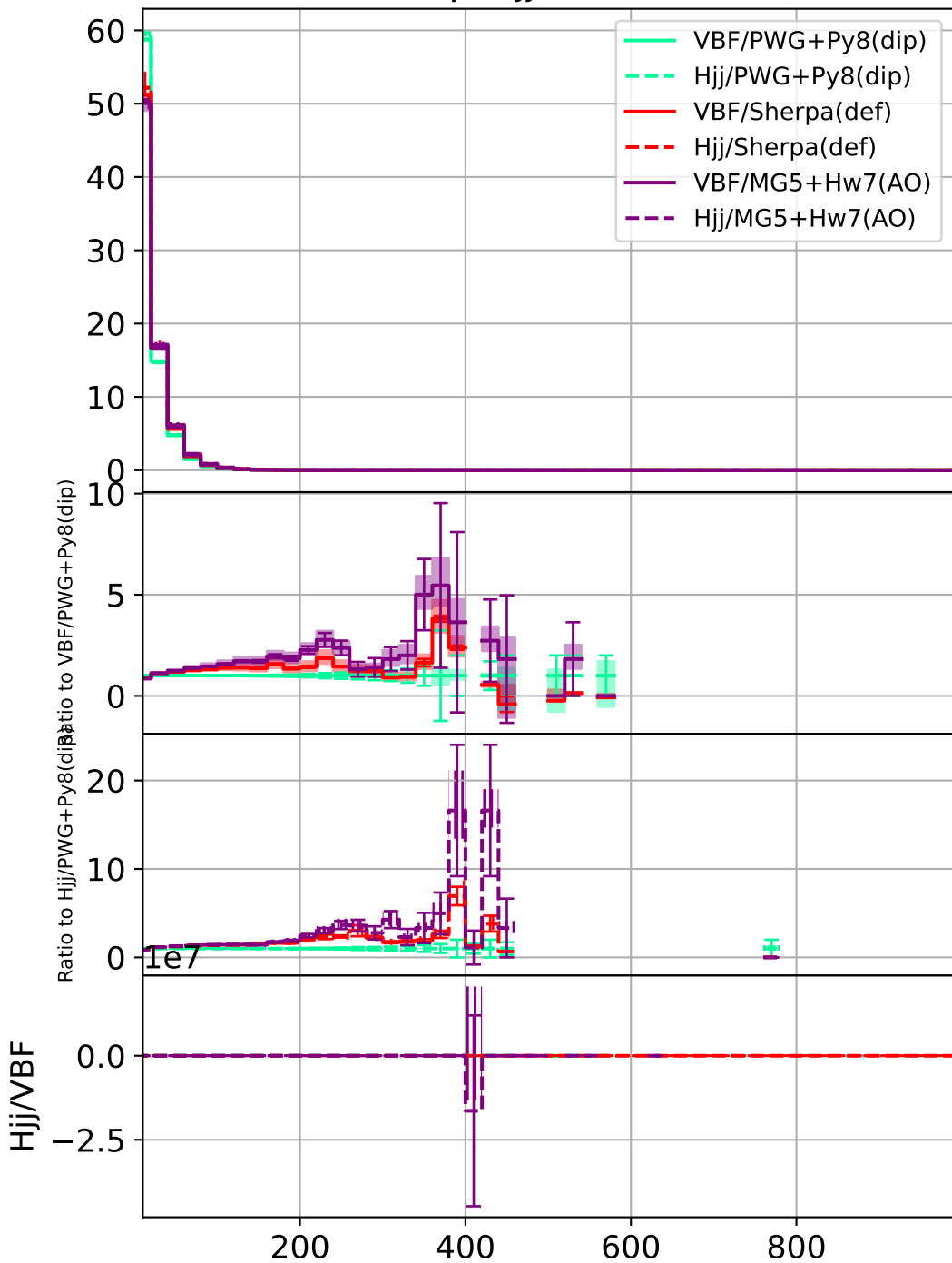
mjj-STXS



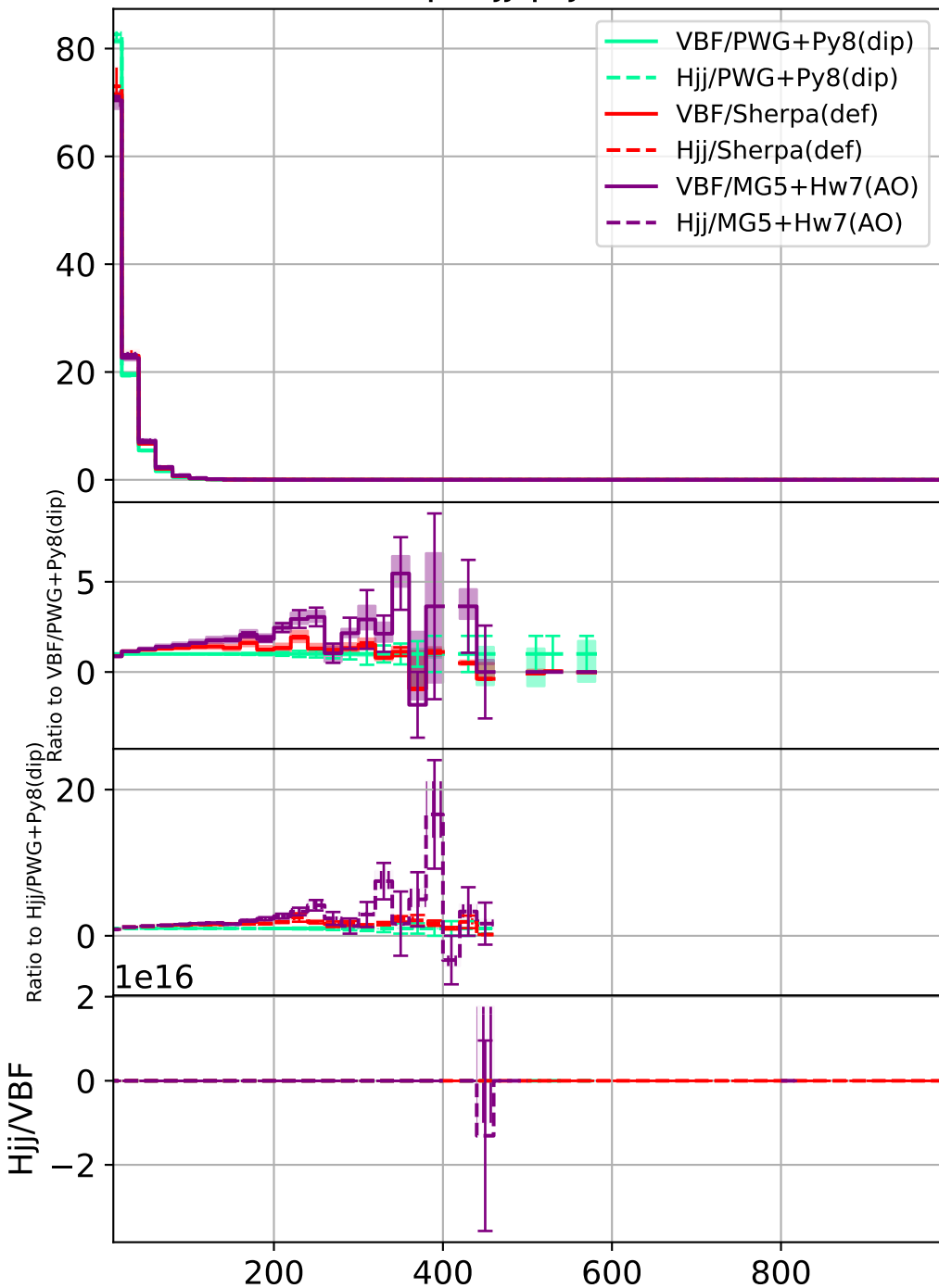
ptH-STXS



ptHjj-STXS



ptHjj-ptj20



1e-7

ptHjj-ptj20-overflow

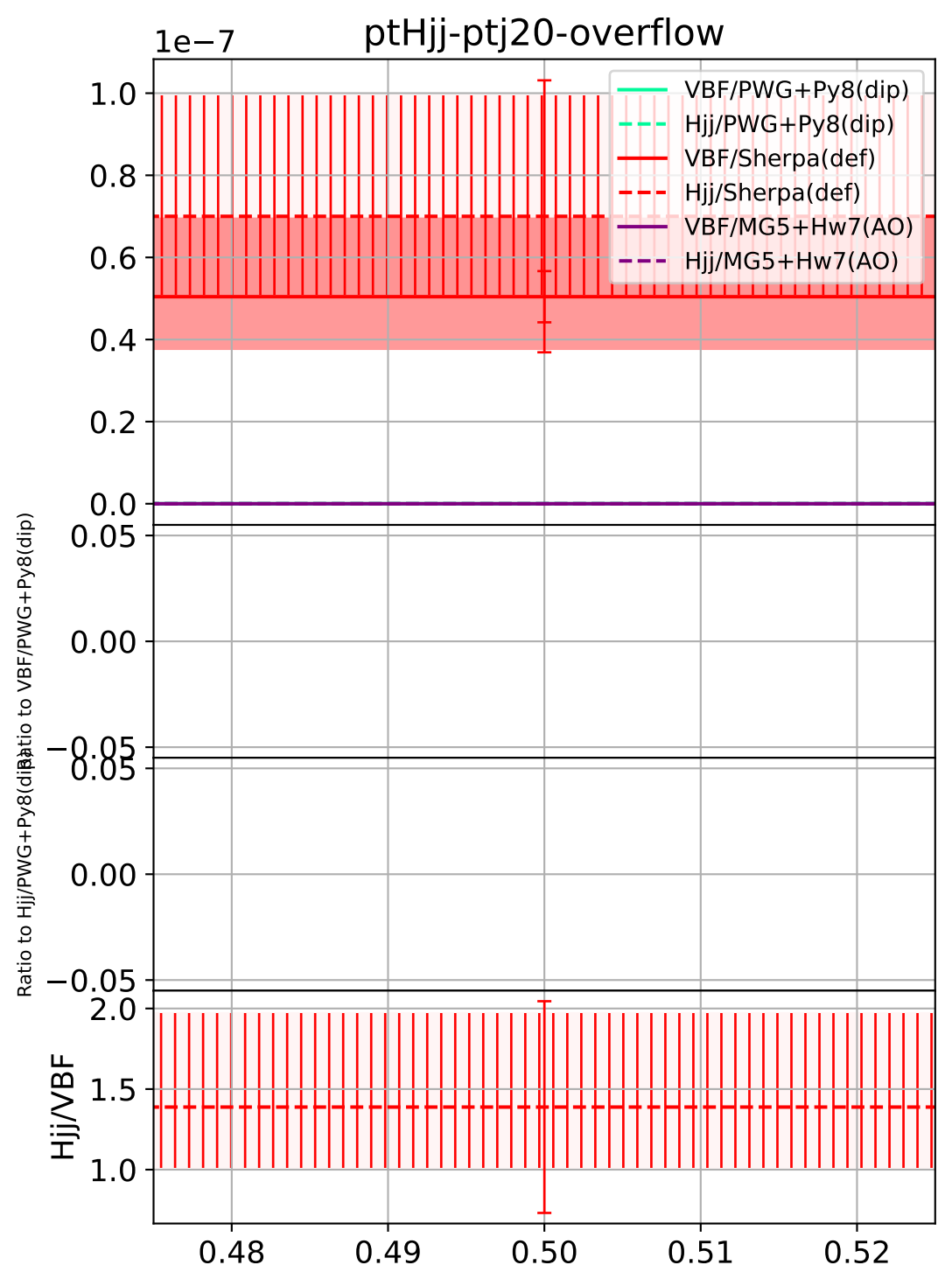
Ratio to Hjj/PWG+Py8(dip) to VBF/PWG+Py8(dip)

Hjj/VBF

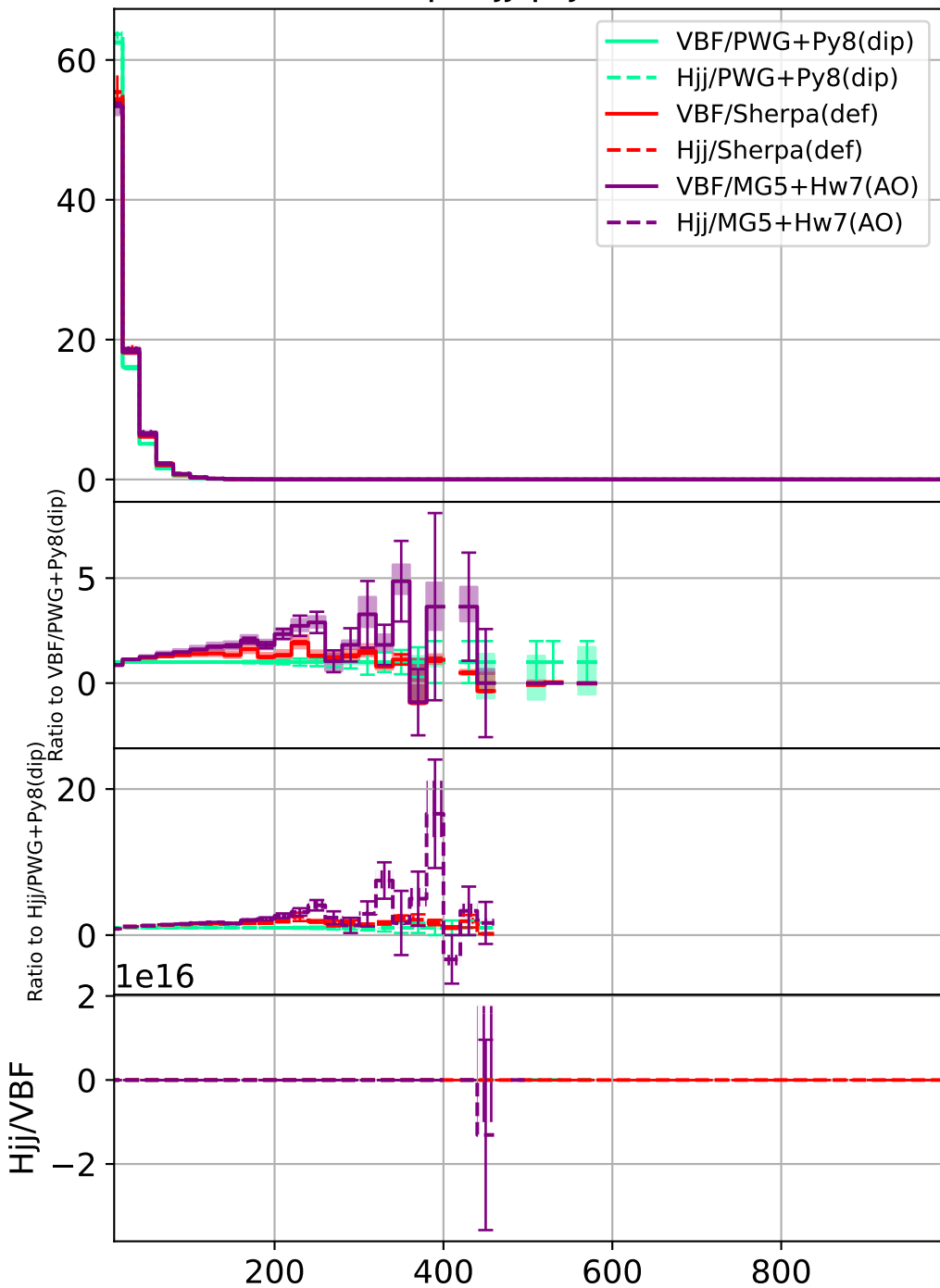
- VBF/PWG+Py8(dip)
- Hjj/PWG+Py8(dip)
- VBF/Sherpa(def)
- Hjj/Sherpa(def)
- VBF/MG5+Hw7(AO)
- Hjj/MG5+Hw7(AO)

1.0
0.8
0.6
0.4
0.2
0.0
0.05
0.00
-0.05
-0.05
0.00
-0.05
2.0
1.5
1.0

0.48 0.49 0.50 0.51 0.52



ptHjj-ptj30



1e-7

ptHjj-ptj30-overflow

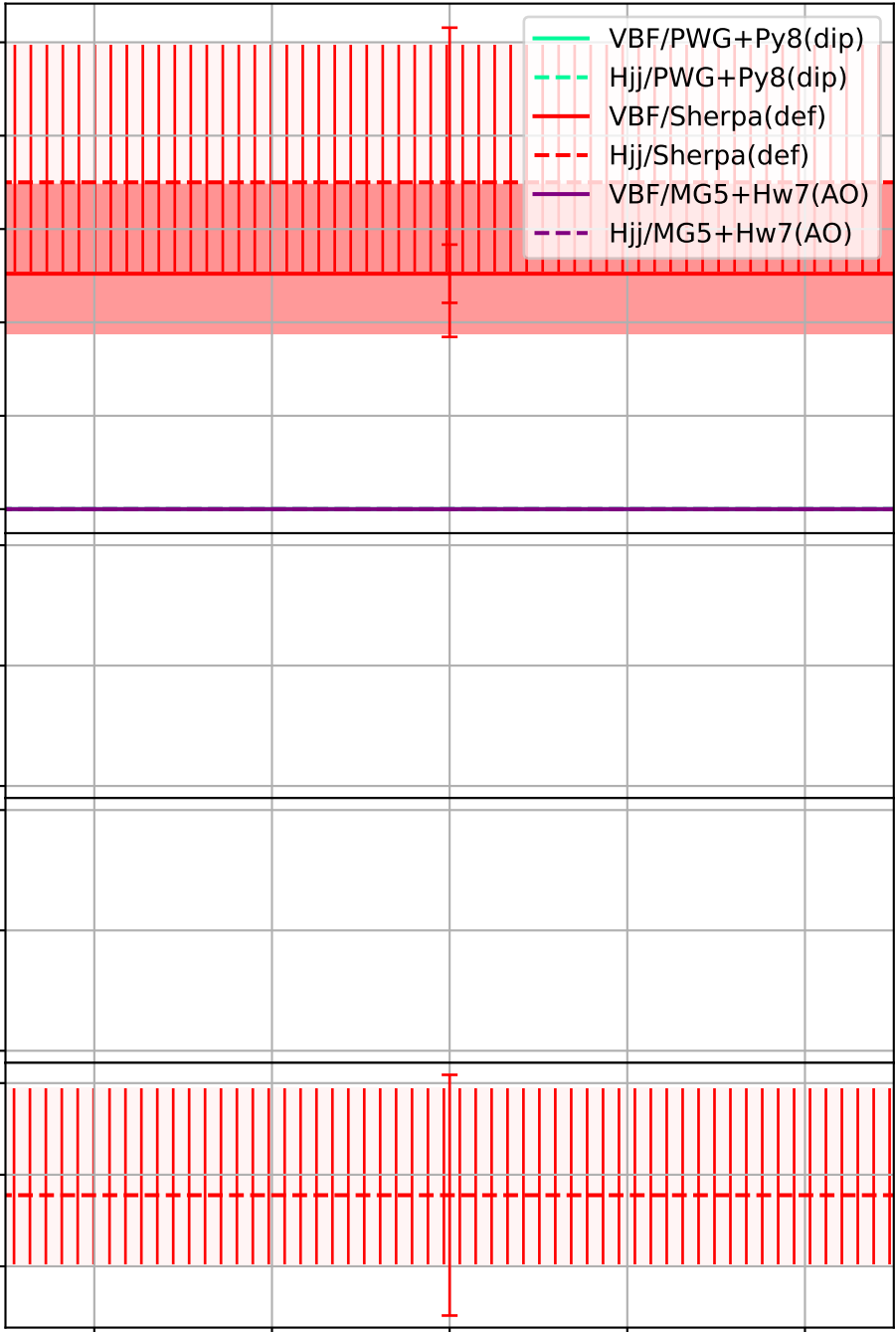
Ratio to Hjj/PWG+Py8(dip) to VBF/PWG+Py8(dip)

Hjj/VBF

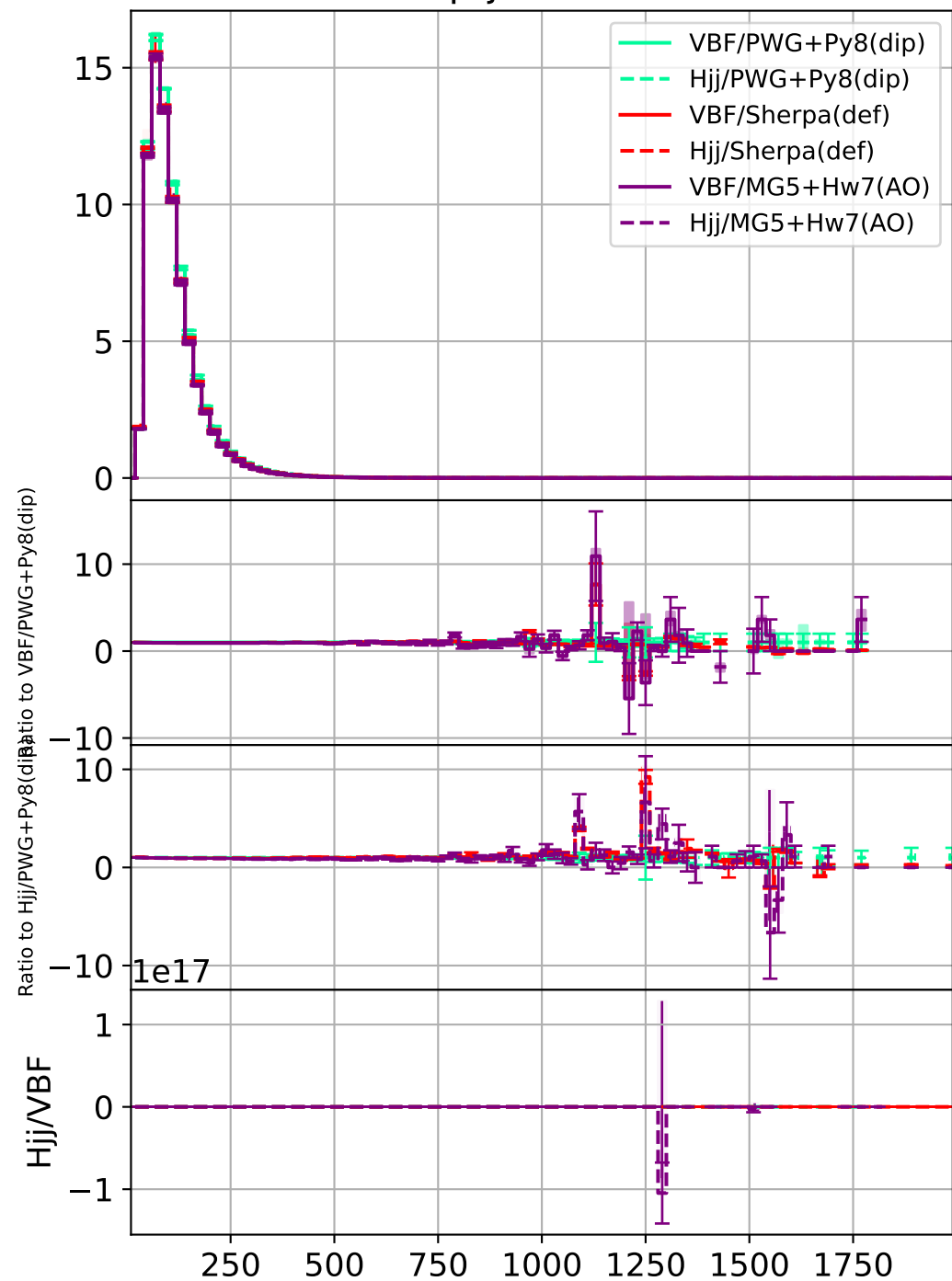
- VBF/PWG+Py8(dip)
- Hjj/PWG+Py8(dip)
- VBF/Sherpa(def)
- Hjj/Sherpa(def)
- VBF/MG5+Hw7(AO)
- Hjj/MG5+Hw7(AO)

1.0
0.8
0.6
0.4
0.2
0.0
0.05
0.00
-0.05
0.00
-0.05
2.0
1.5
1.0

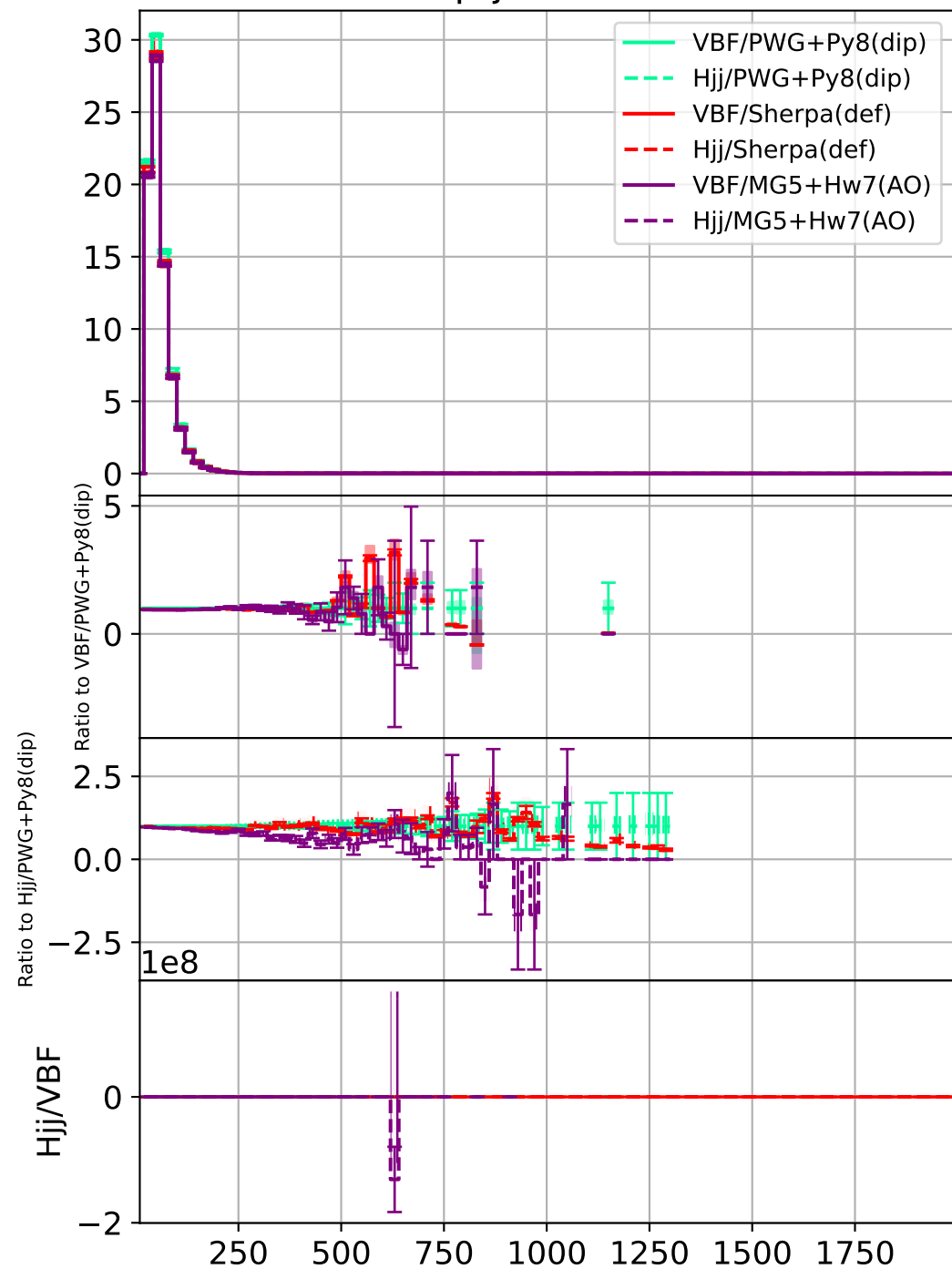
0.48 0.49 0.50 0.51 0.52



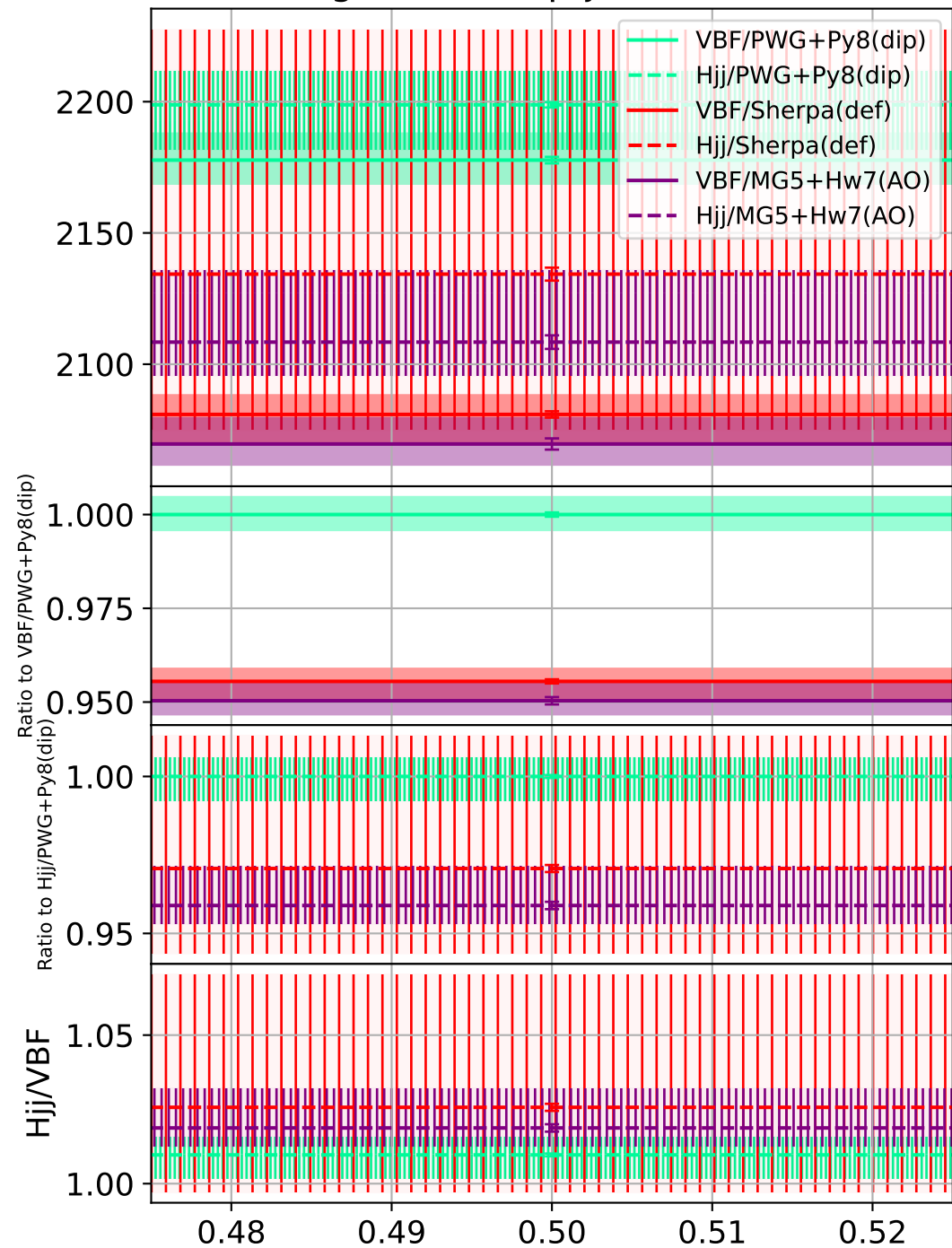
ptj1-STXS



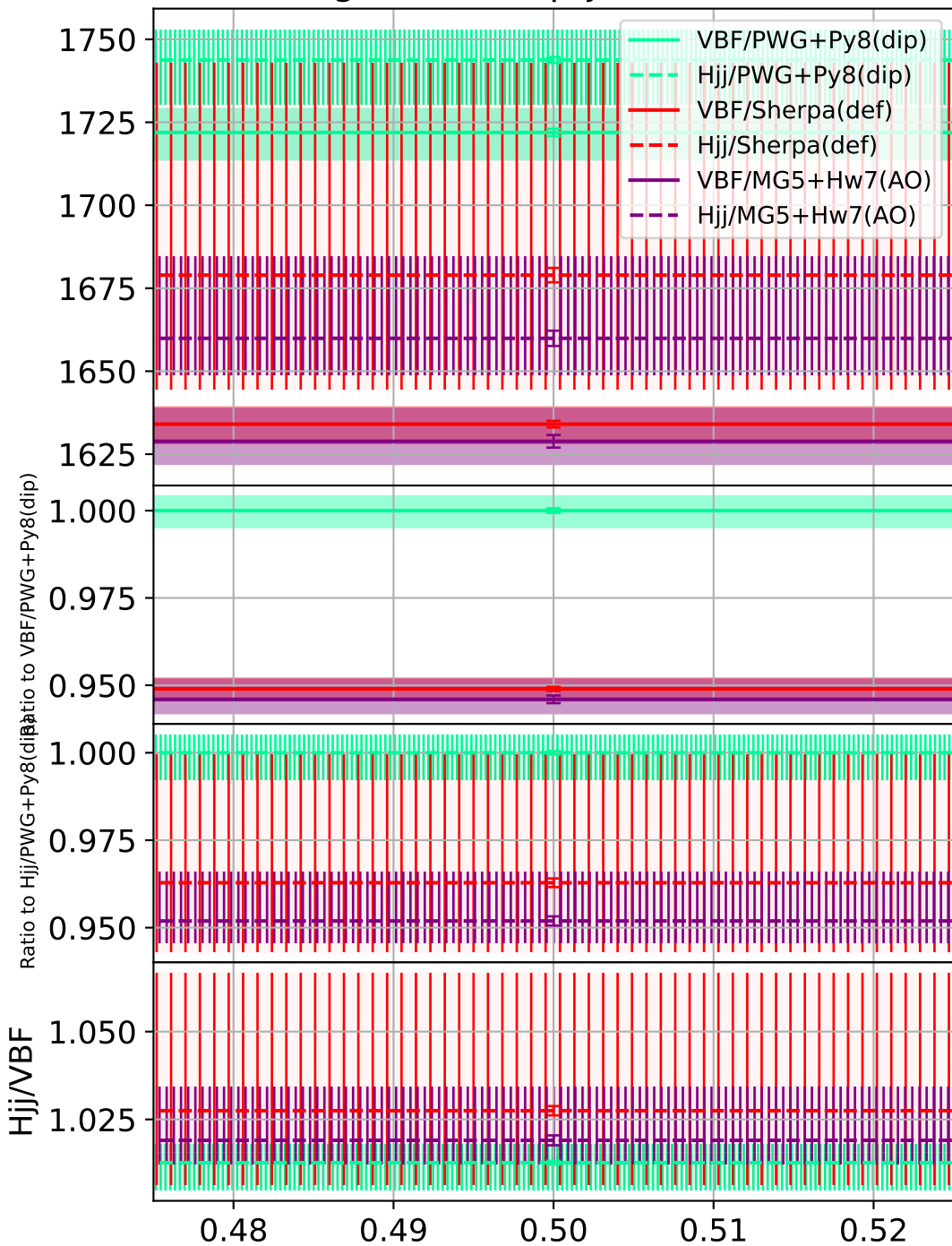
ptj2-STXS



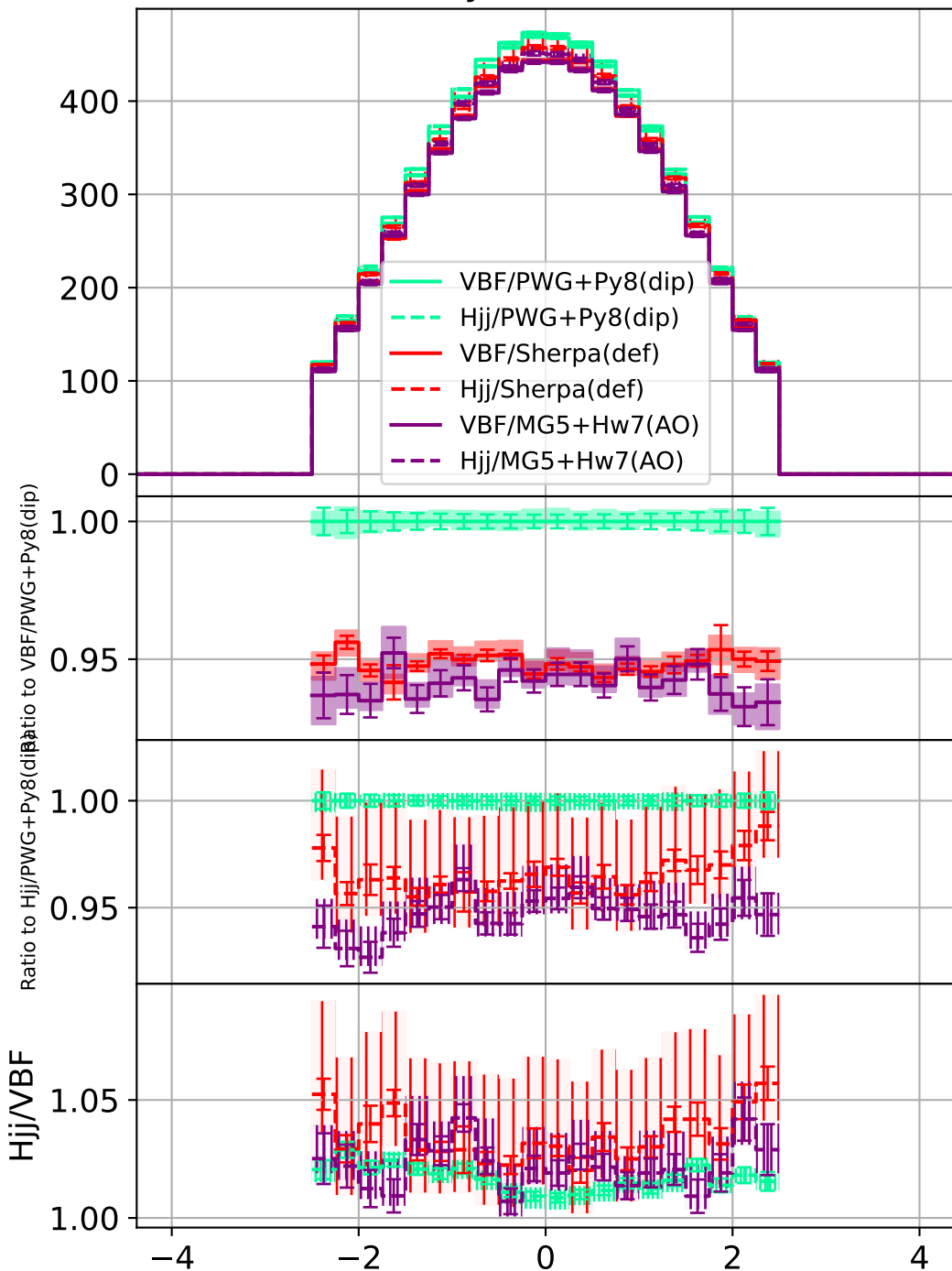
sig incl cuts (ptj > 20 GeV)



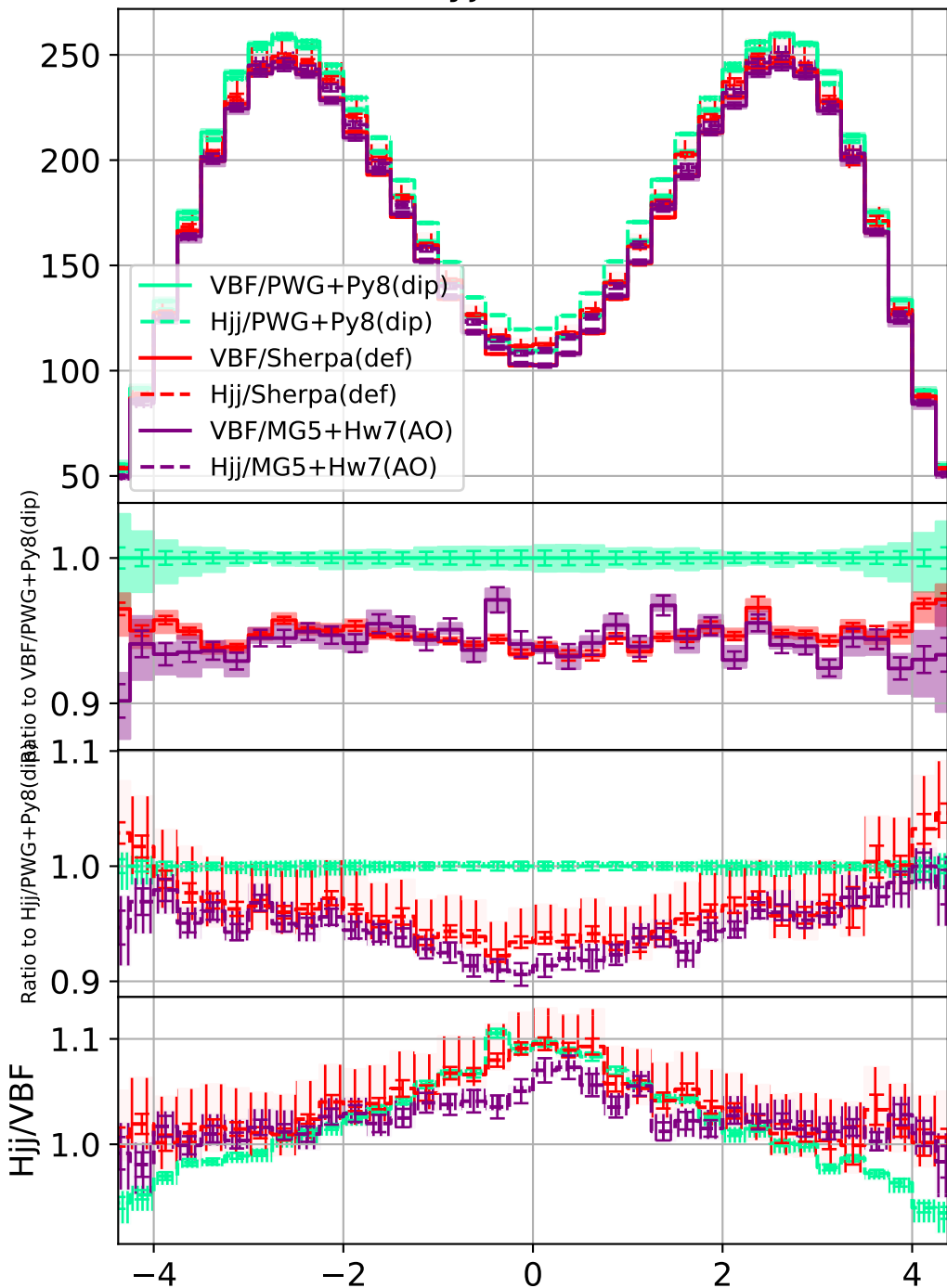
sig incl cuts (ptj > 30 GeV)



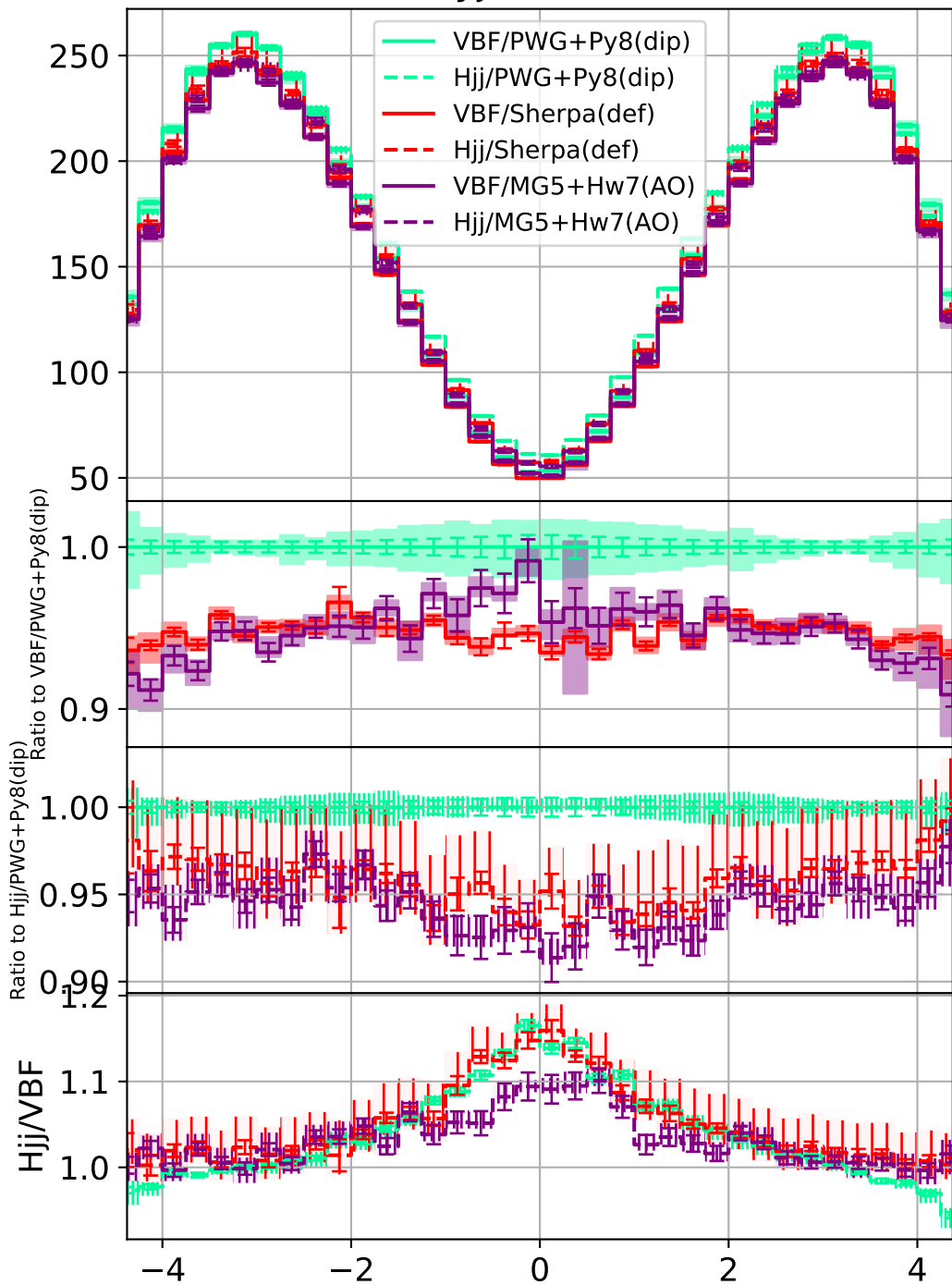
yH-STXS



yj1-STXS



yj2-STXS



yjj-STXS

Ratio to Hjj/PWG+Py8(dip) to VBF/PWG+Py8(dip)

