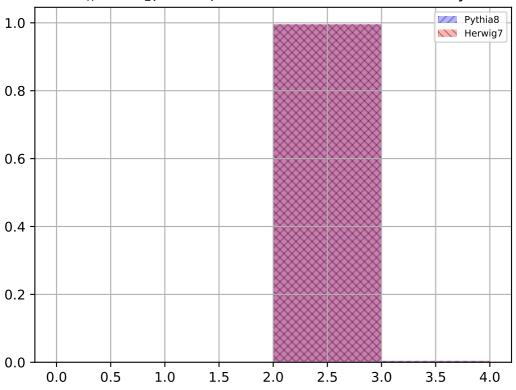
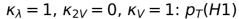
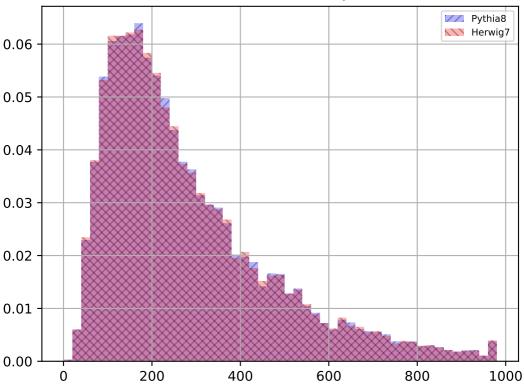
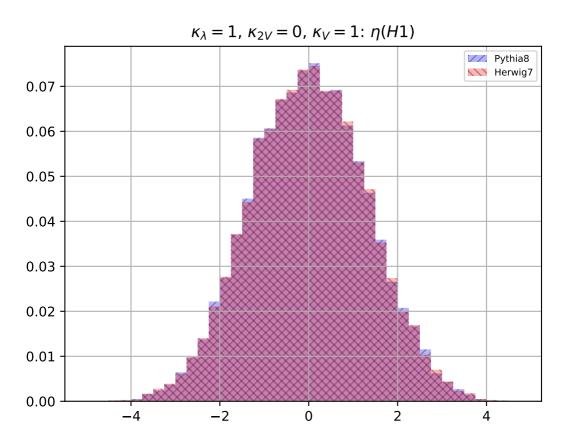


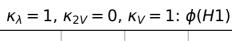
 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ : worker run-time summary

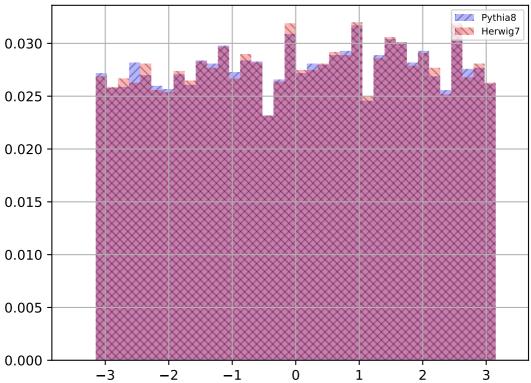


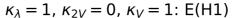


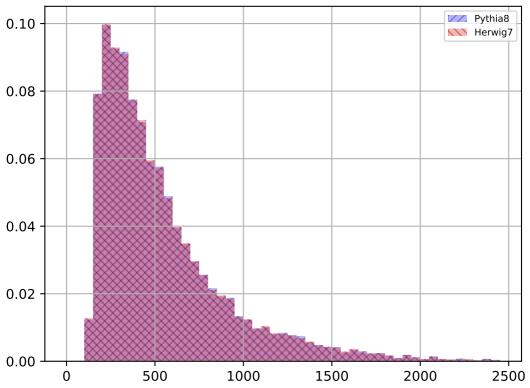


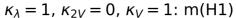


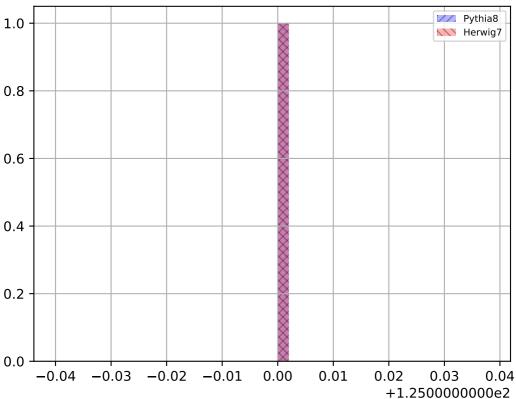


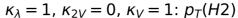


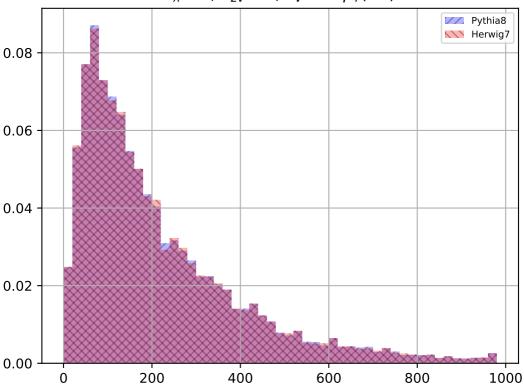


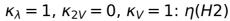


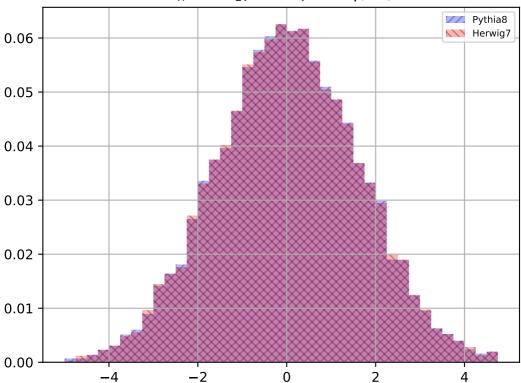


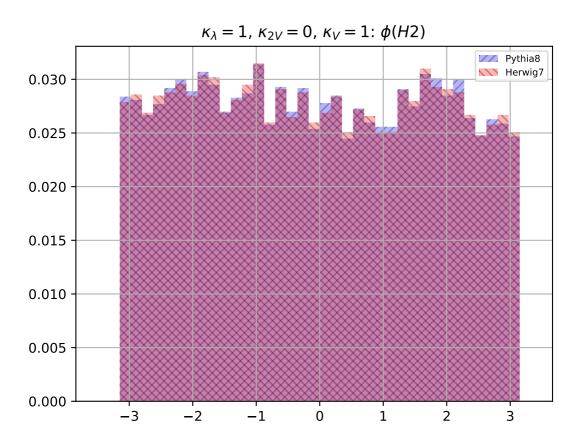




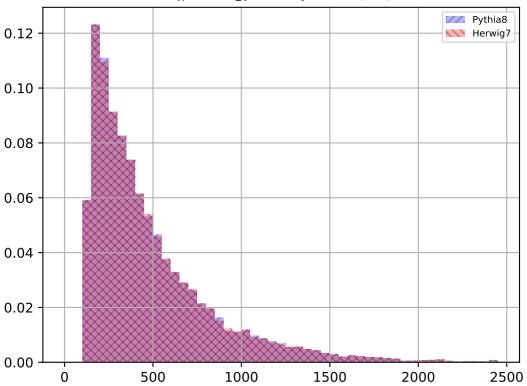


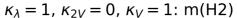


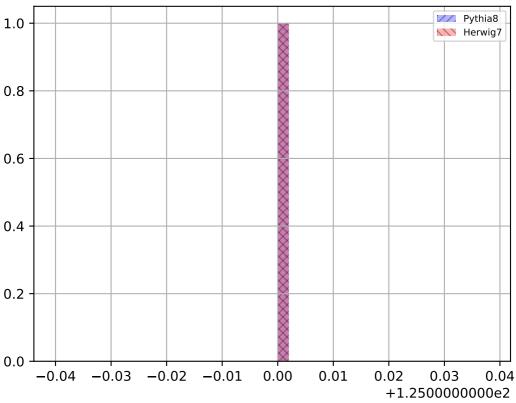




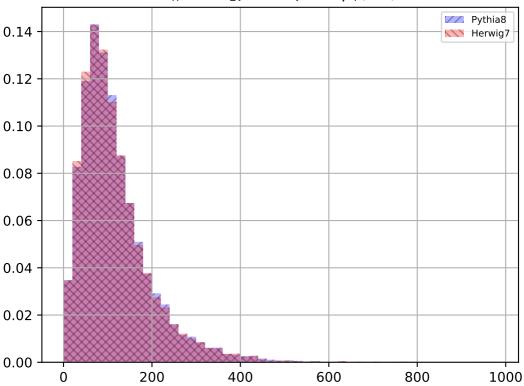
 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ : E(H2)



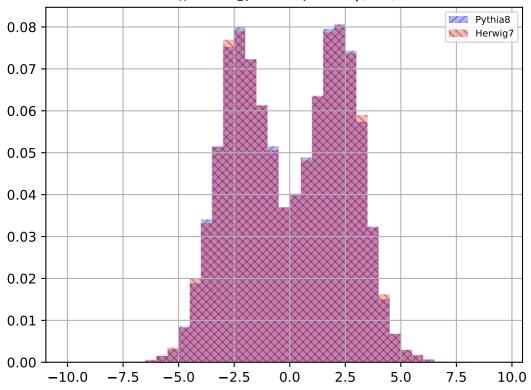


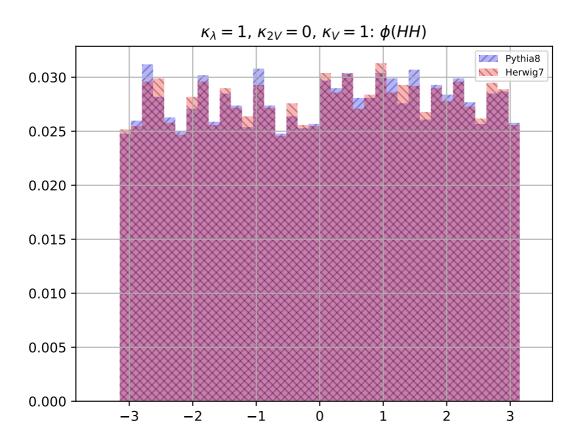


 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ :  $p_{T}(HH)$ 

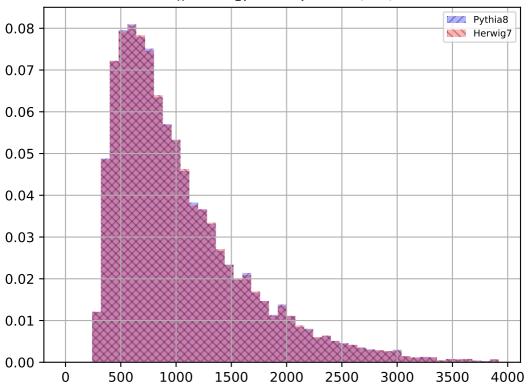


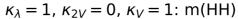
 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ :  $\eta(HH)$ 

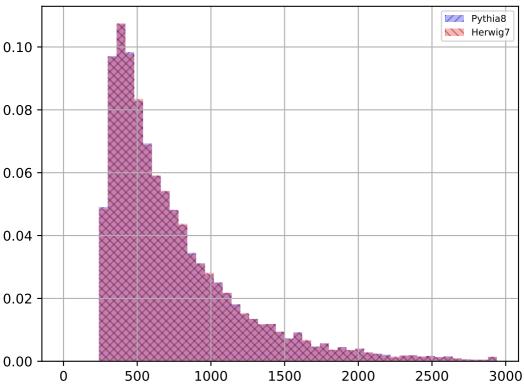




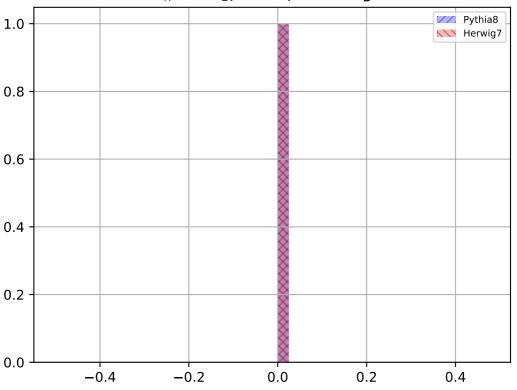
 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ : E(HH)

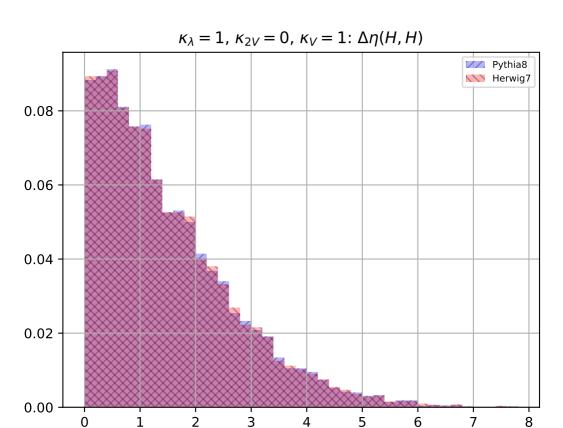




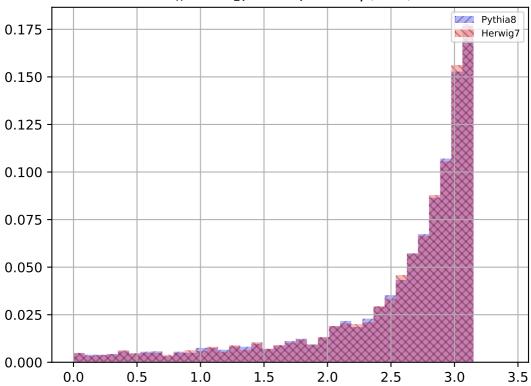


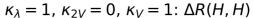
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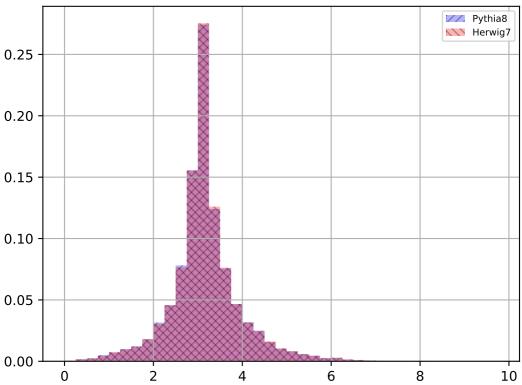




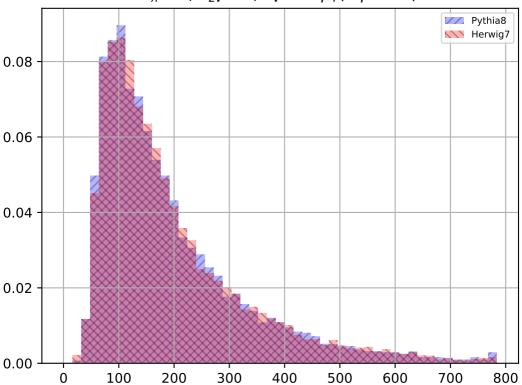
 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ :  $\Delta \phi(H, H)$ 

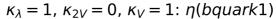


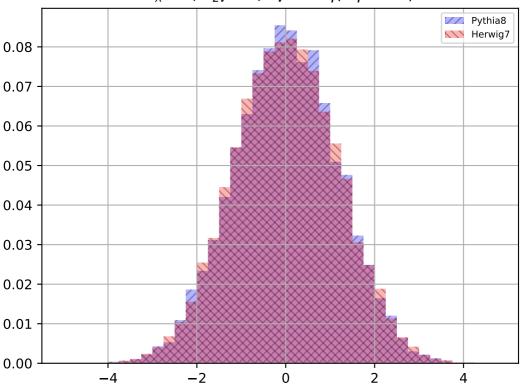


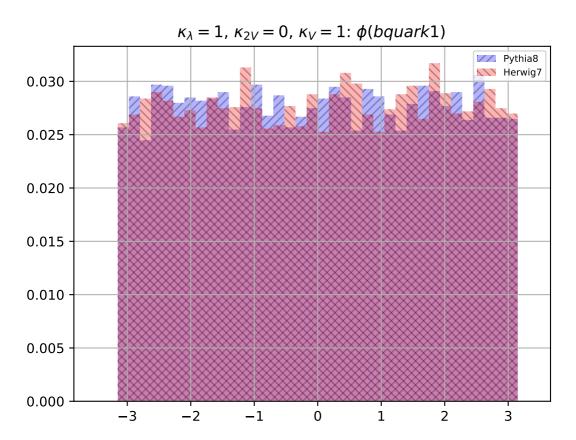


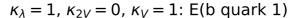
 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ :  $p_{T}(bquark1)$ 

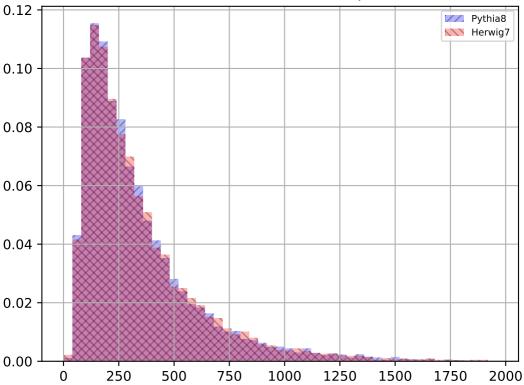




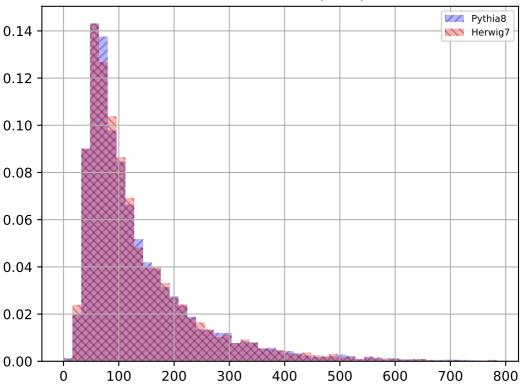


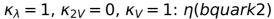


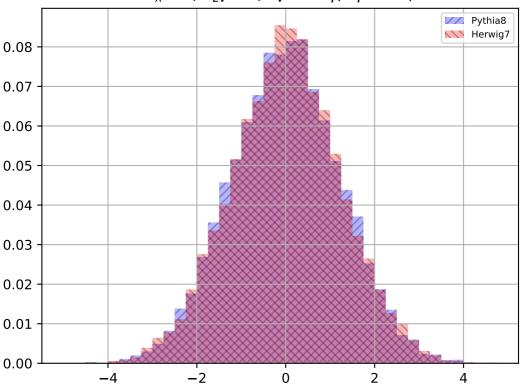


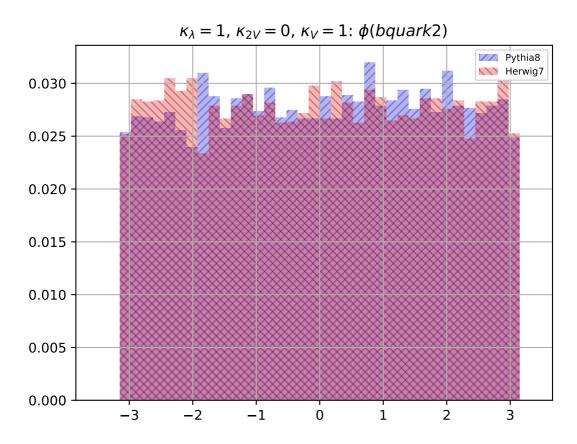


 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ :  $p_{T}(bquark2)$ 

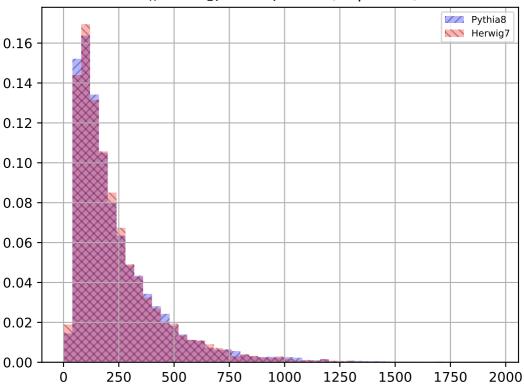




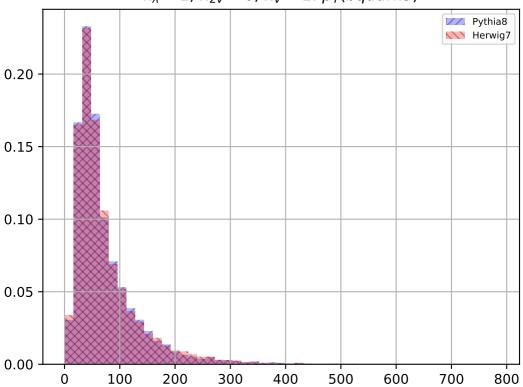


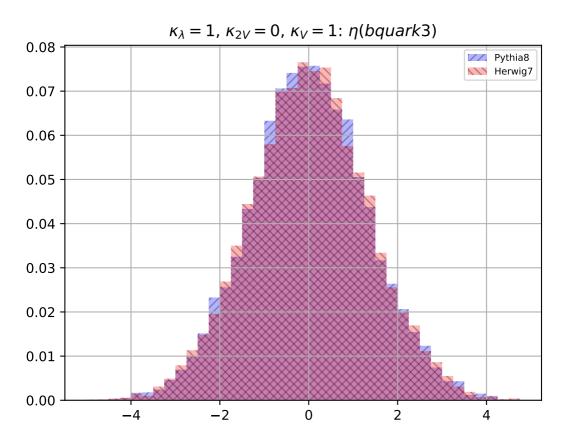


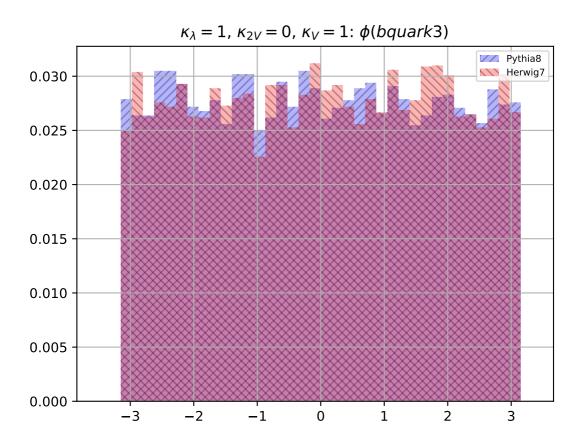
 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ : E(b quark 2)



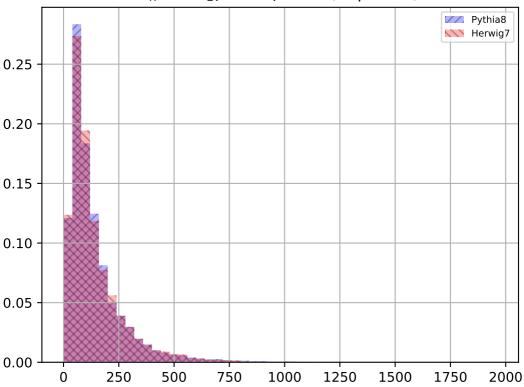
 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ :  $p_{T}(bquark3)$ 



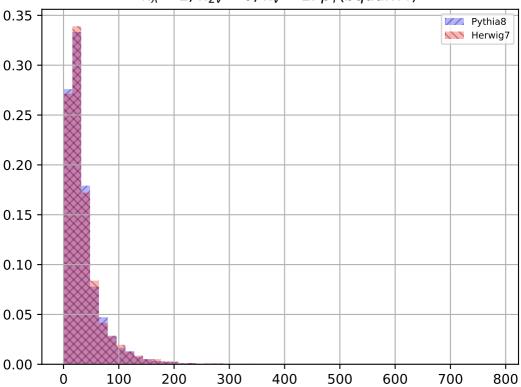


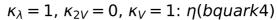


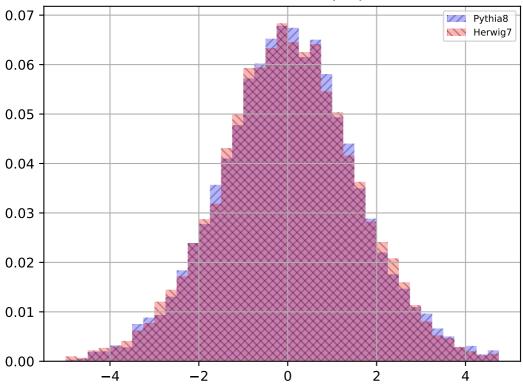
 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ : E(b quark 3)

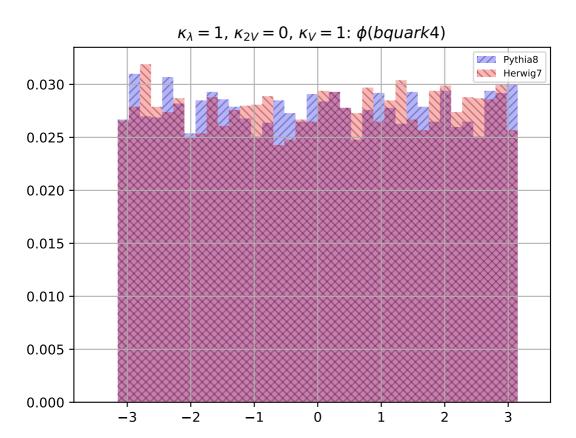


 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ :  $p_{T}(bquark4)$ 

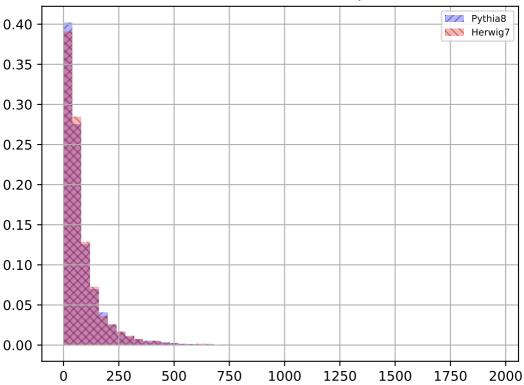


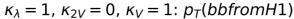


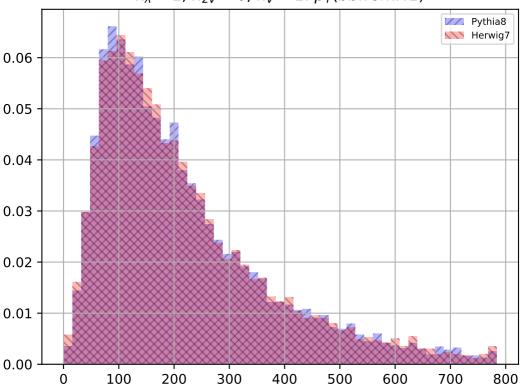


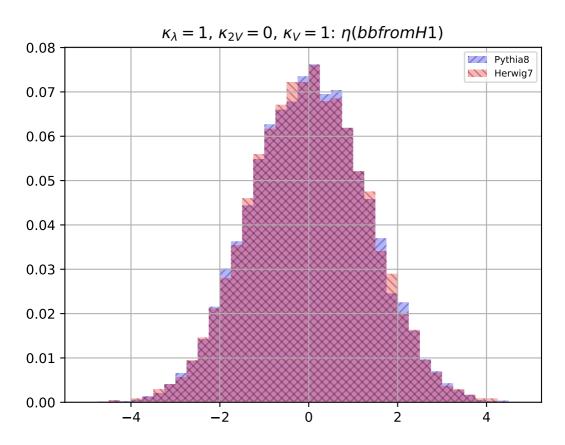


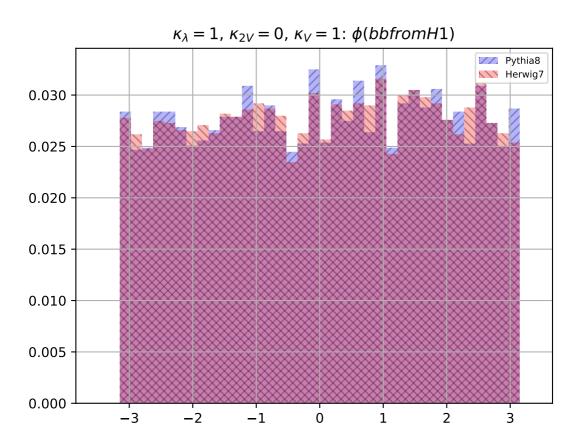
 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ : E(b quark 4)



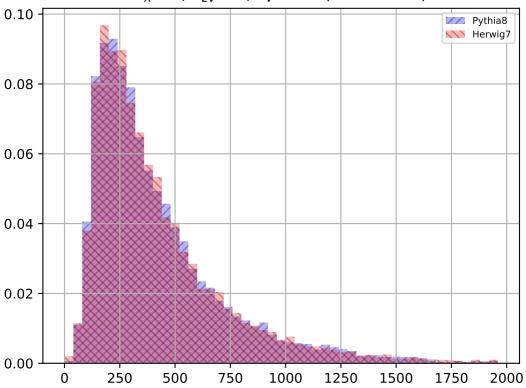




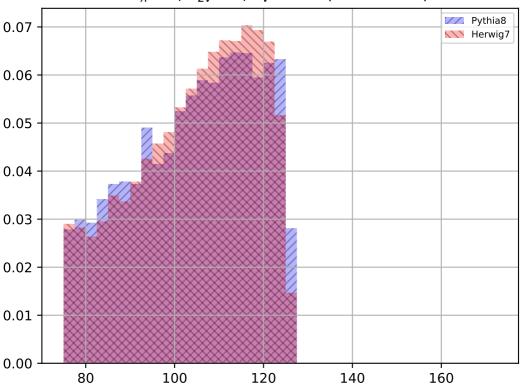




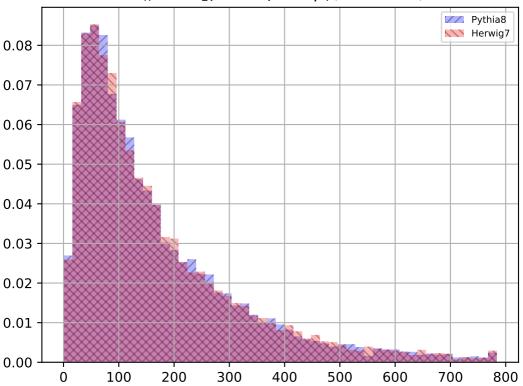
 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ : E(bb from H1)



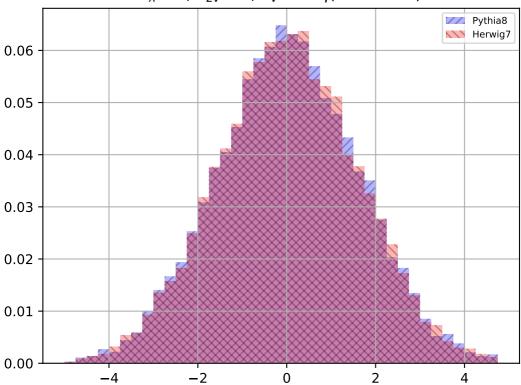
 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ : m(bb from H1)

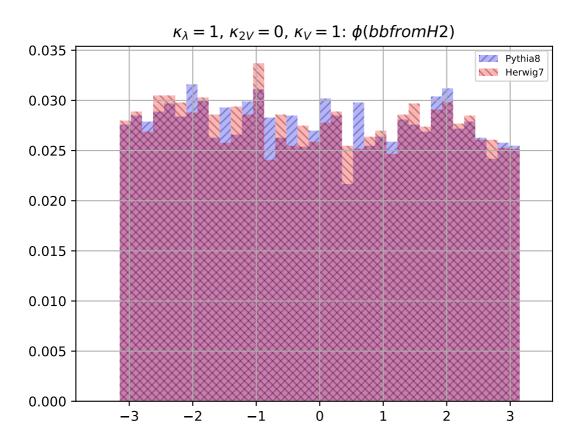


 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ :  $p_{T}(bbfromH2)$ 

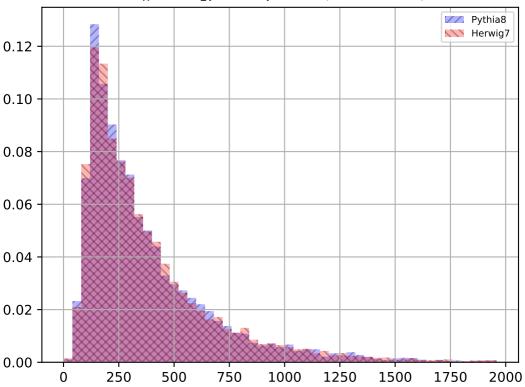


 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ :  $\eta(bbfromH2)$ 

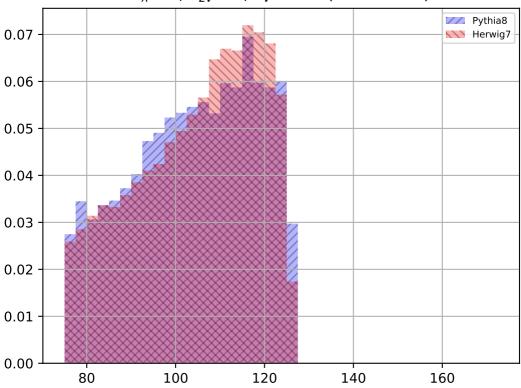




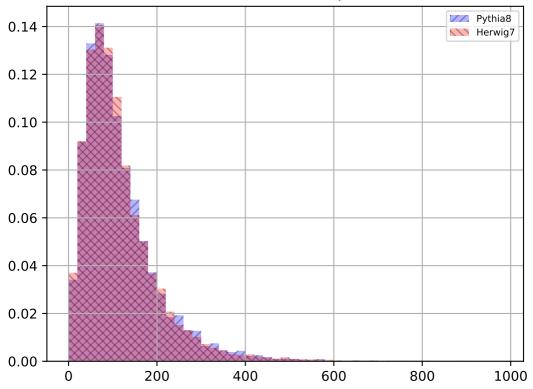
 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ : E(bb from H2)

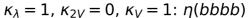


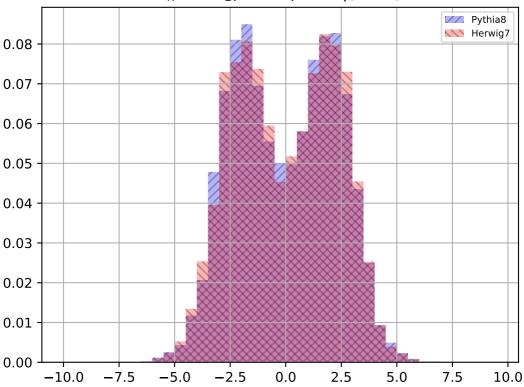
 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ : m(bb from H2)

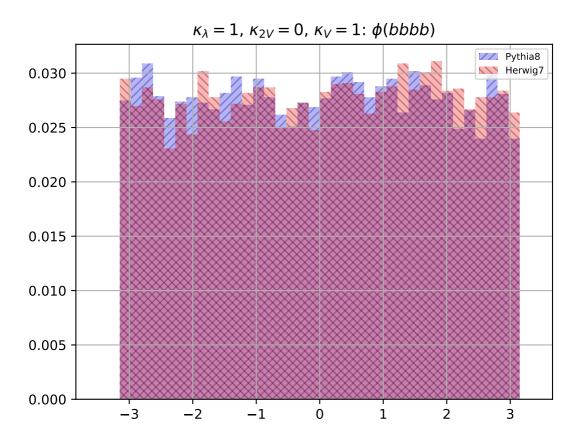


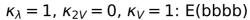
 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ :  $p_{T}(bbbb)$ 

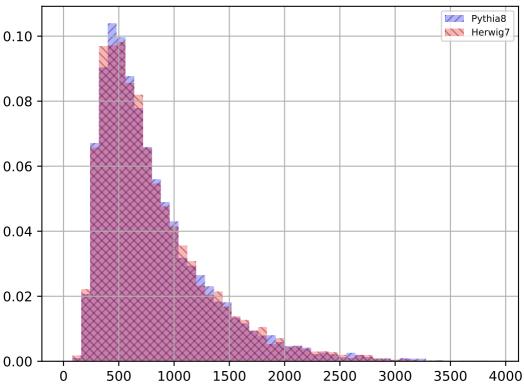


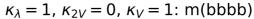


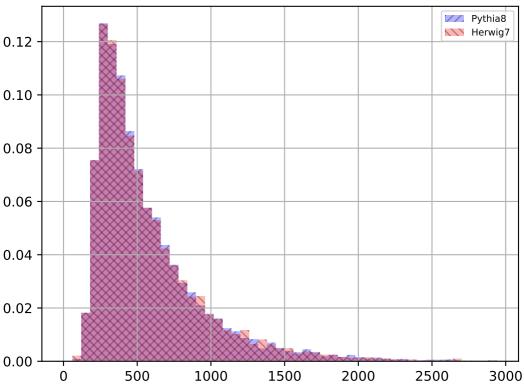


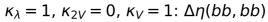


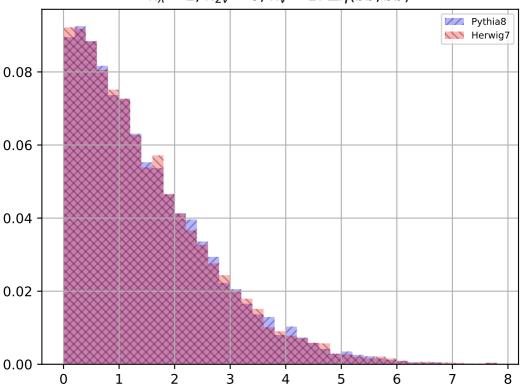




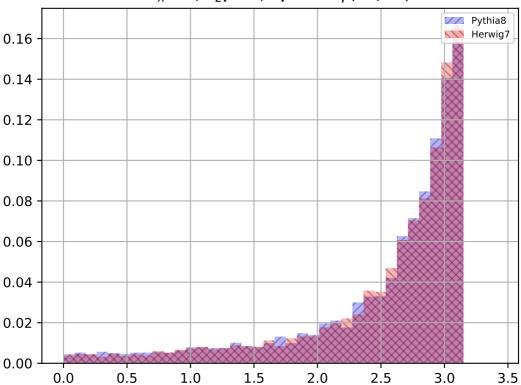




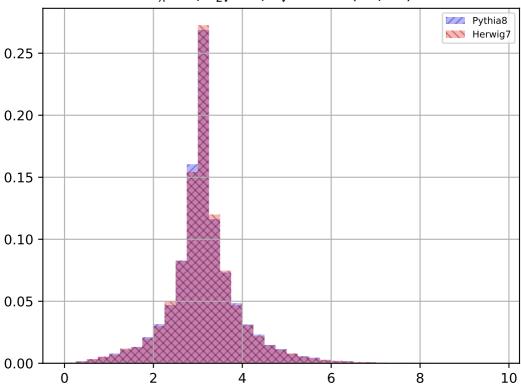


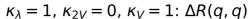


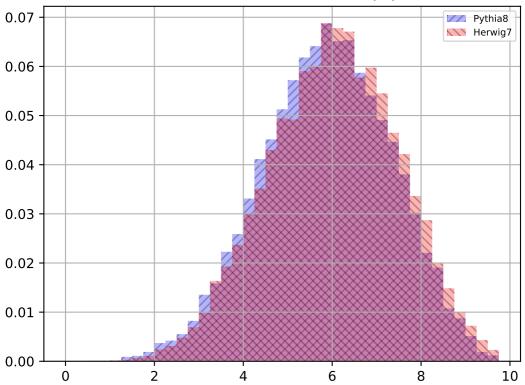
 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ :  $\Delta \phi(bb, bb)$ 



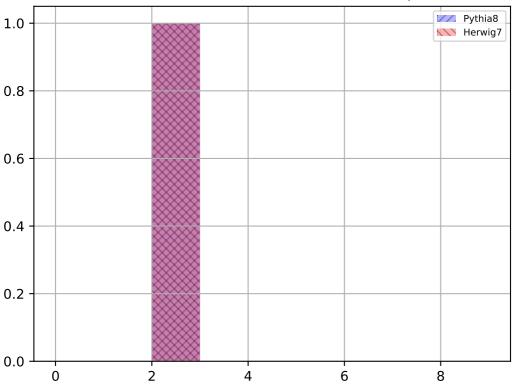


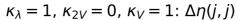


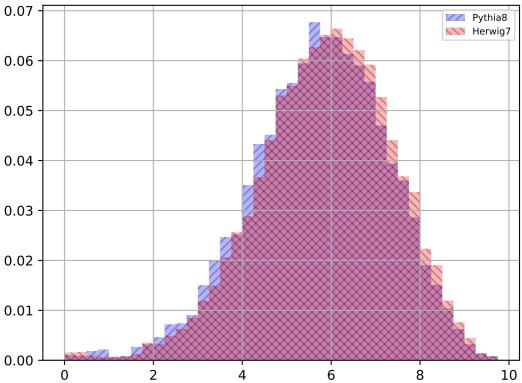




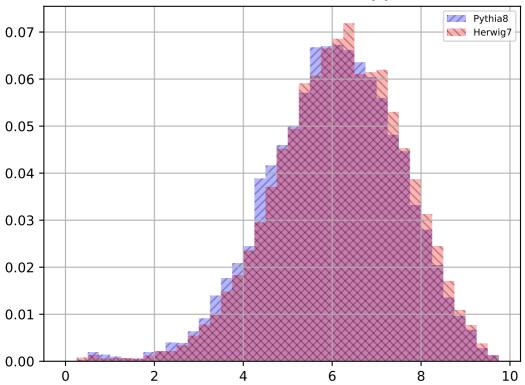
 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ : Number of q



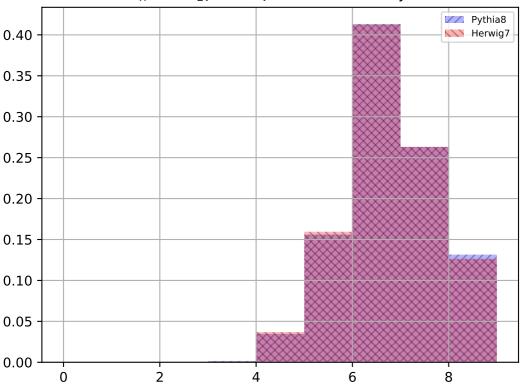




 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ :  $\Delta R(j, j)$ 



 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ : Number of jets



 $\kappa_{\lambda} = 1$ ,  $\kappa_{2V} = 0$ ,  $\kappa_{V} = 1$ : Number of jets NOT truth-matched to B-Quarks

