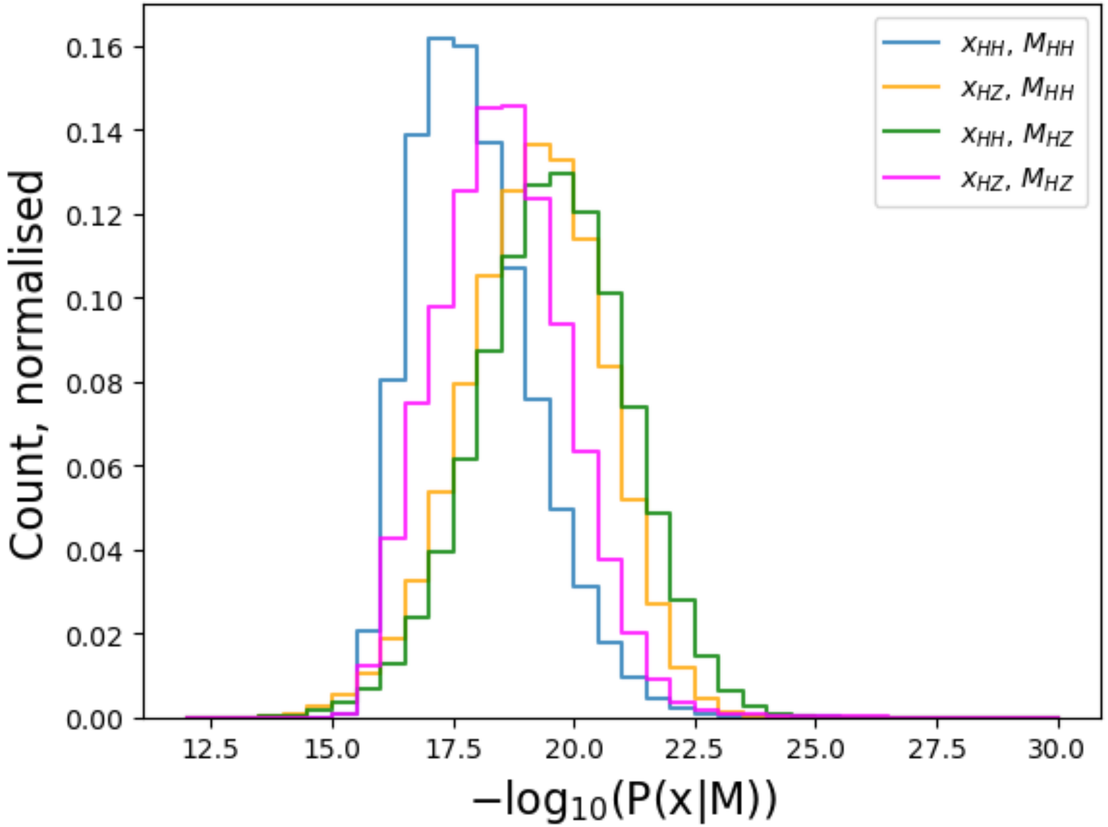
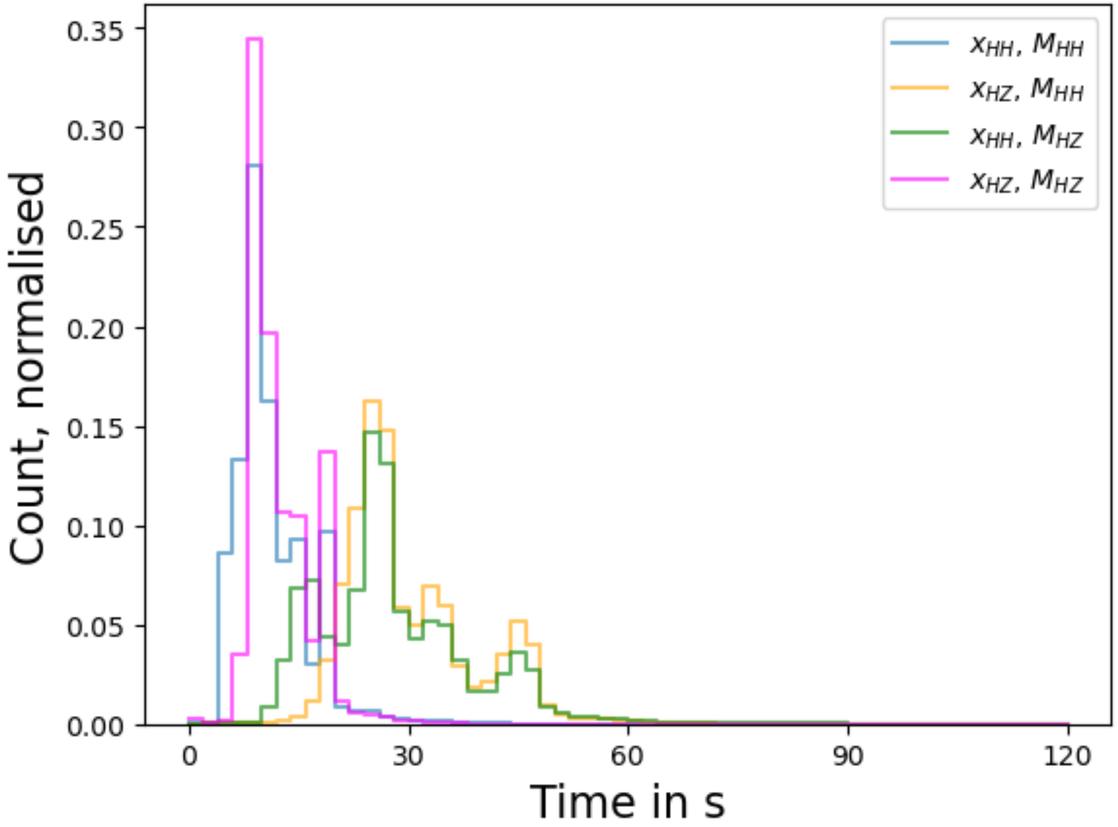
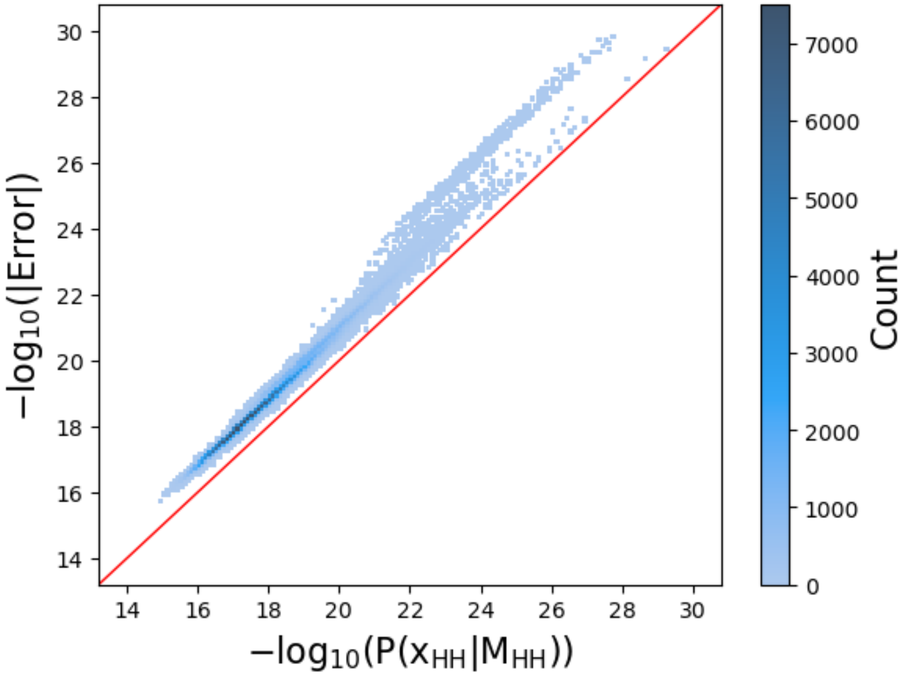
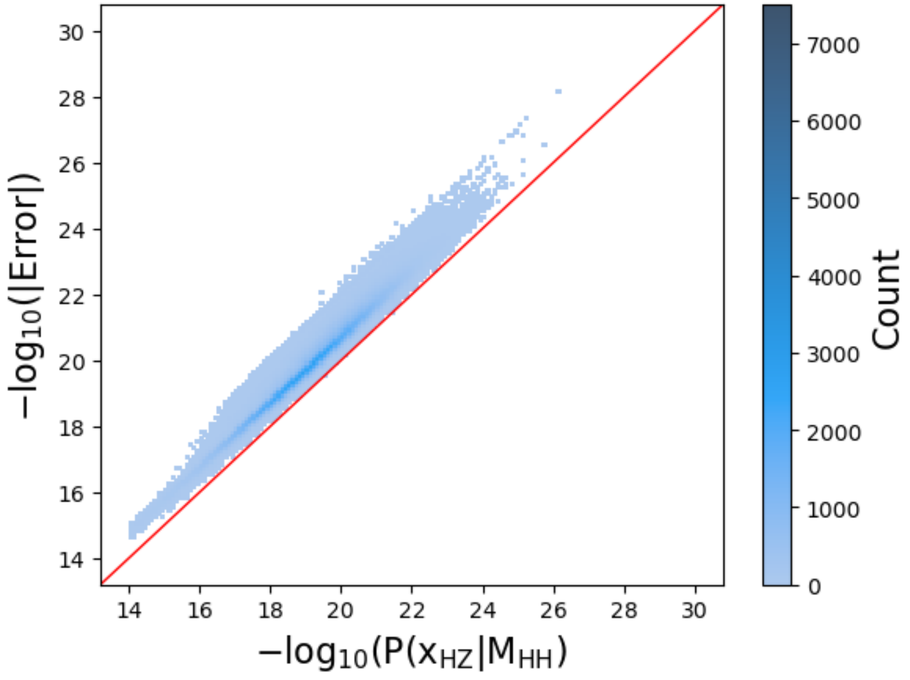


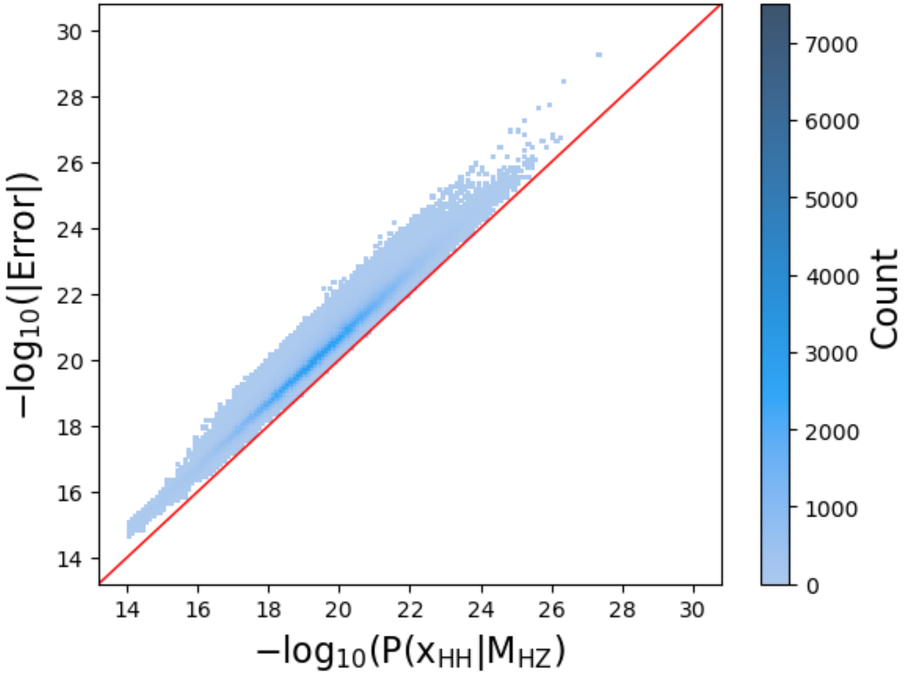
weights

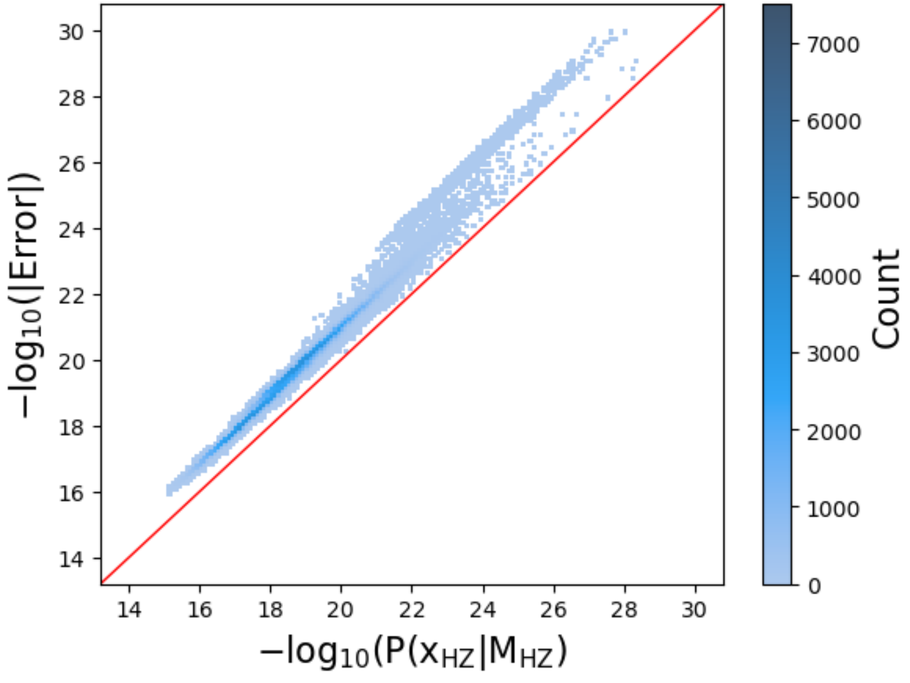


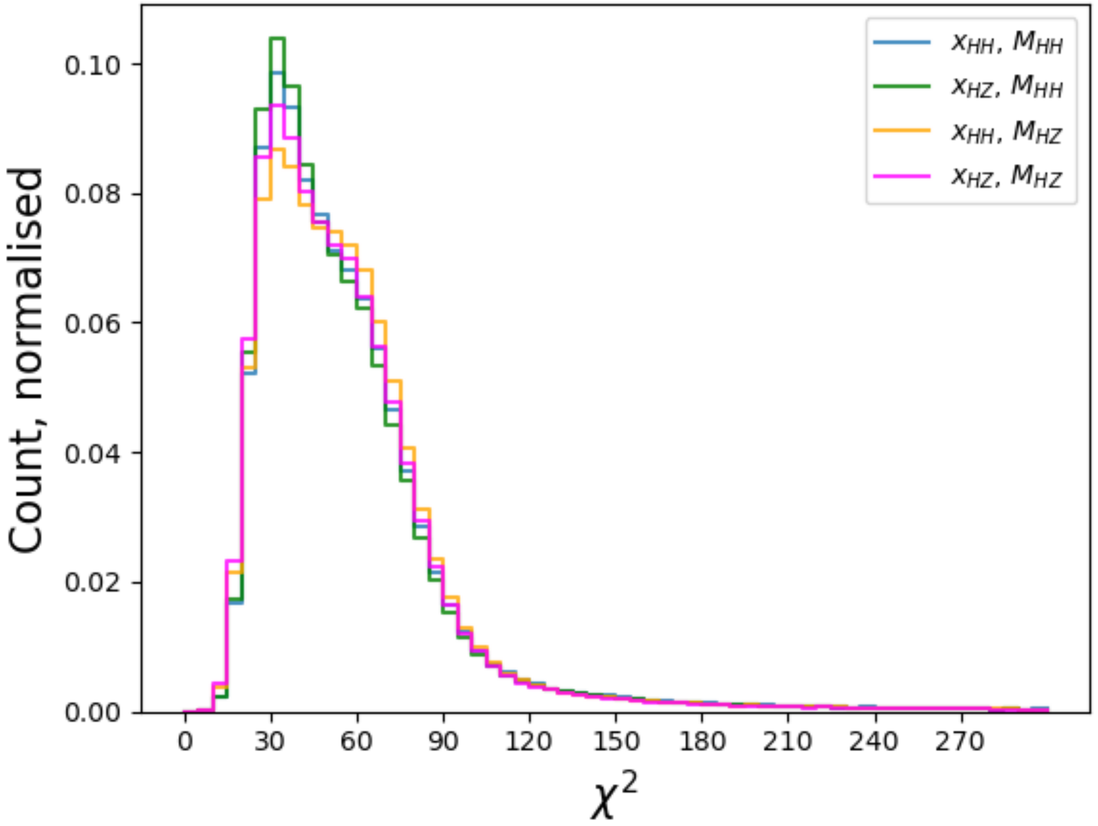
MoMEMta integration time


$-\log_{10}(|\text{Error}|)$
$-\log_{10}(P(x_{HH}|M_{HH}))$
Count

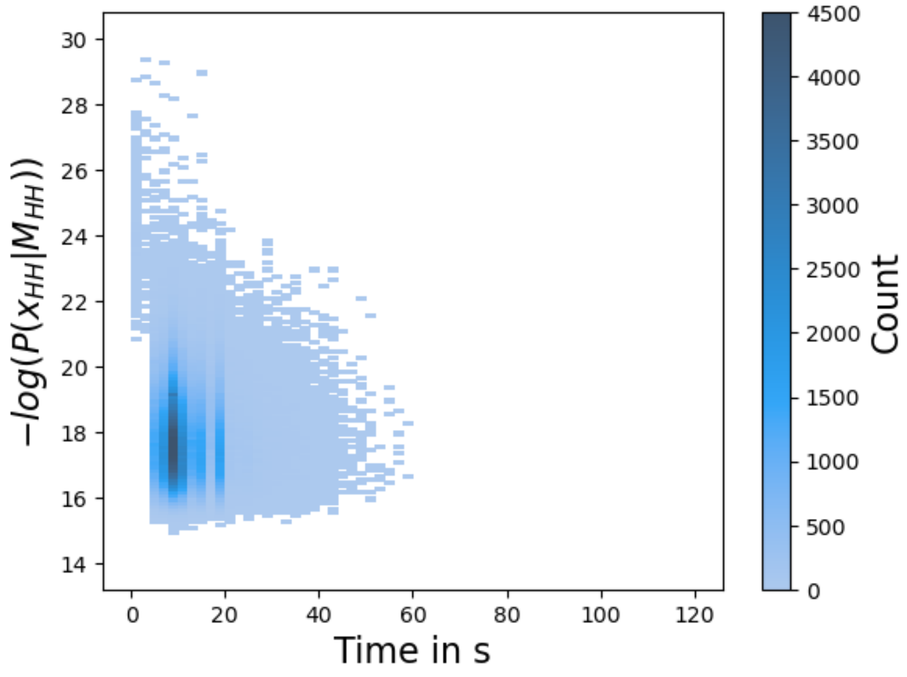

$-\log_{10}(|\text{Error}|)$
$-\log_{10}(P(x_{HZ}|M_{HH})$
Count

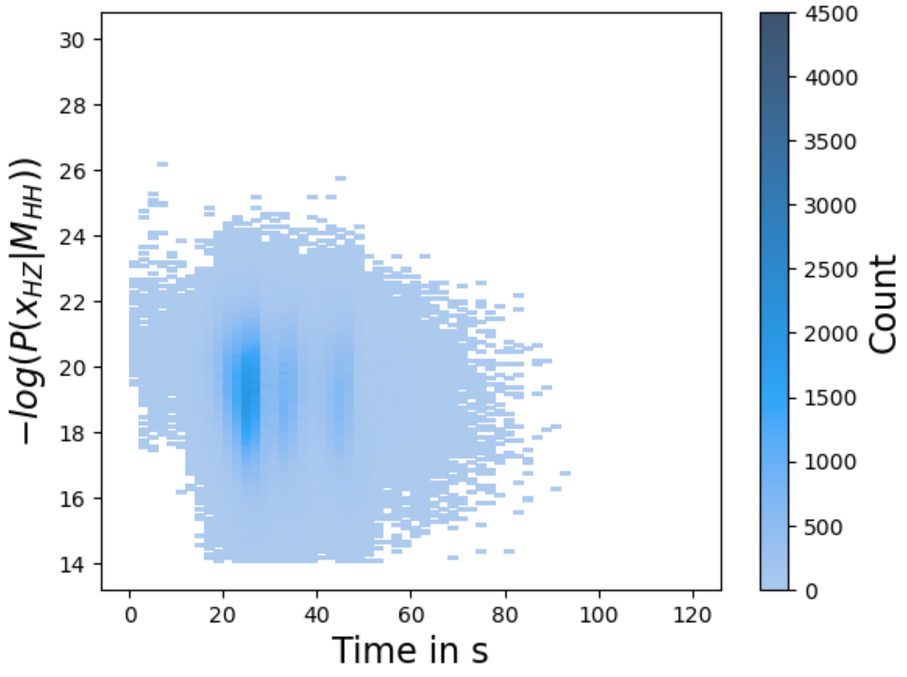

$-\log_{10}(|\text{Error}|)$
$-\log_{10}(P(x_{HH}|M_{HZ})$
Count

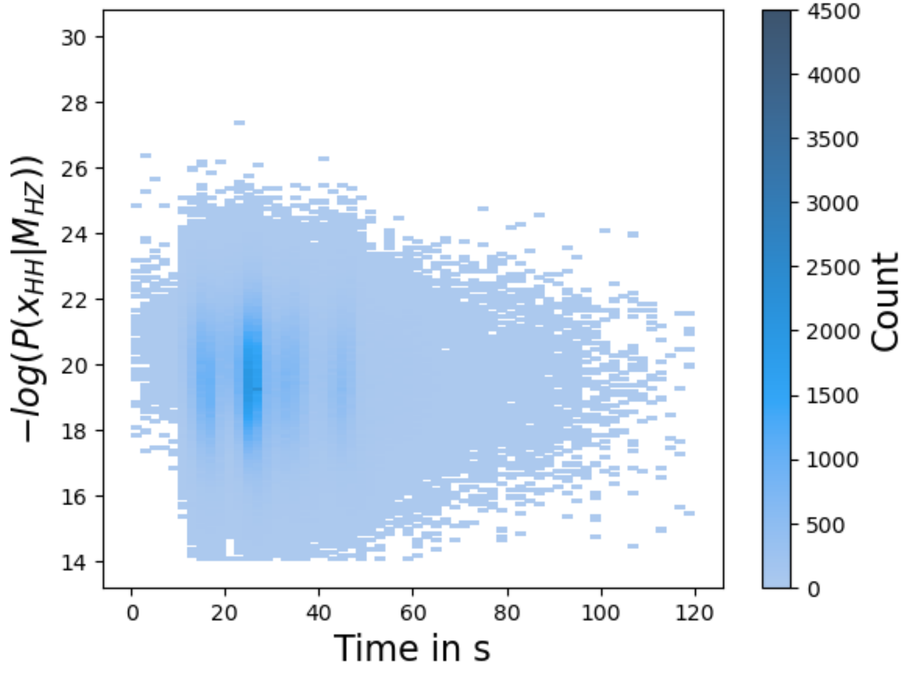

$-\log_{10}(|\text{Error}|)$
$-\log_{10}(P(x_{HZ}|M_{HZ})$
Count

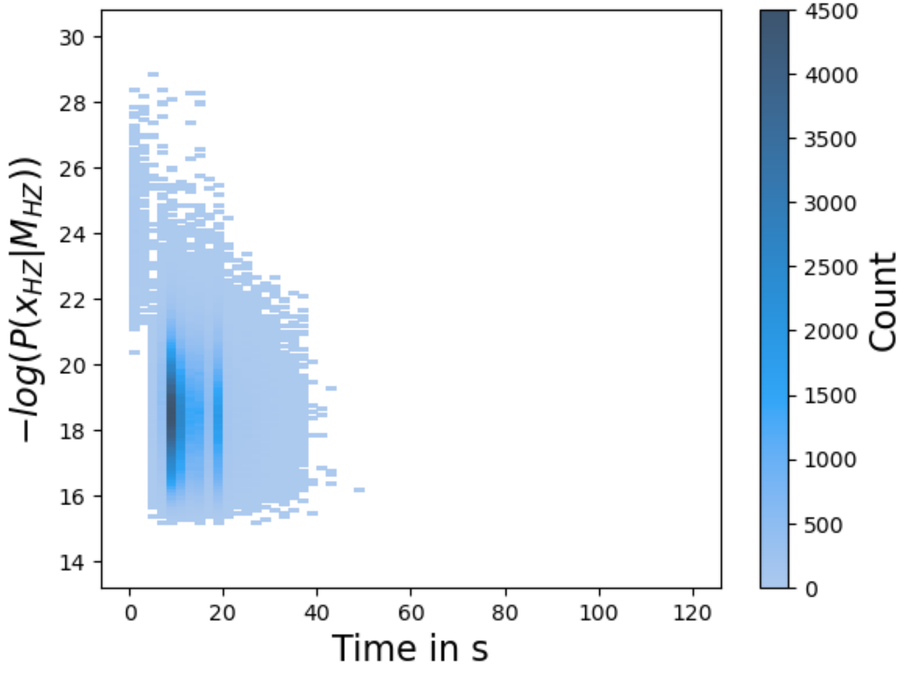


chi^2 test as provided by MoMEMta

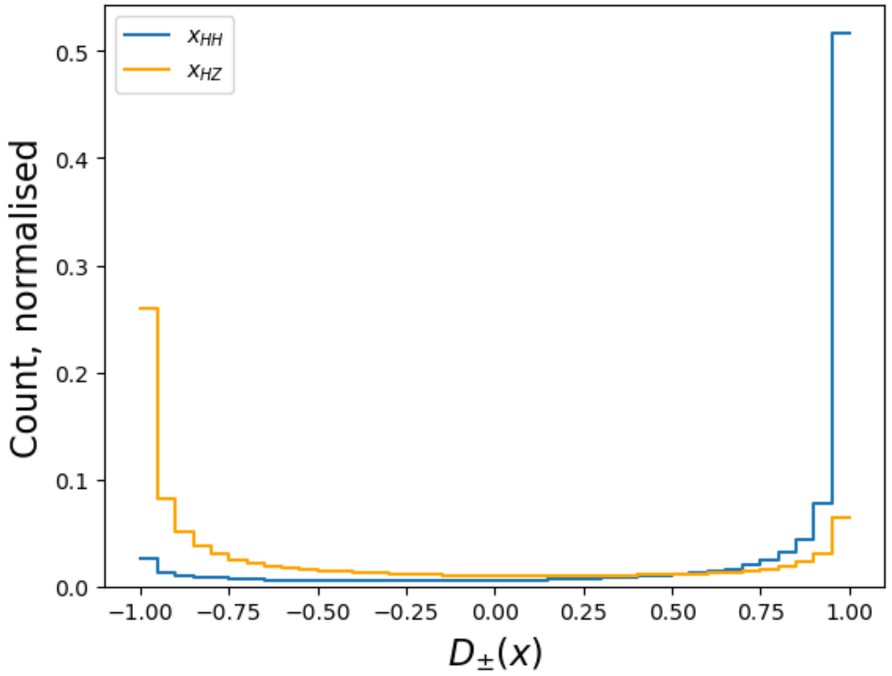

$-log(P(x_{HH}|M_{HH}))$
Time in s
Count

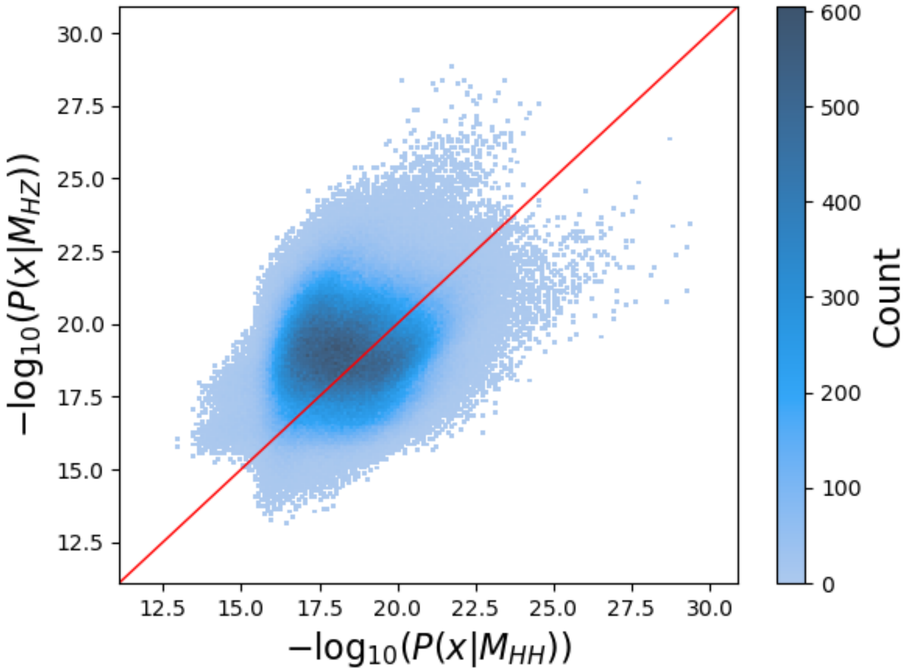

$-log(P(x_{HZ}|M_{HH}))$
Time in s
Count

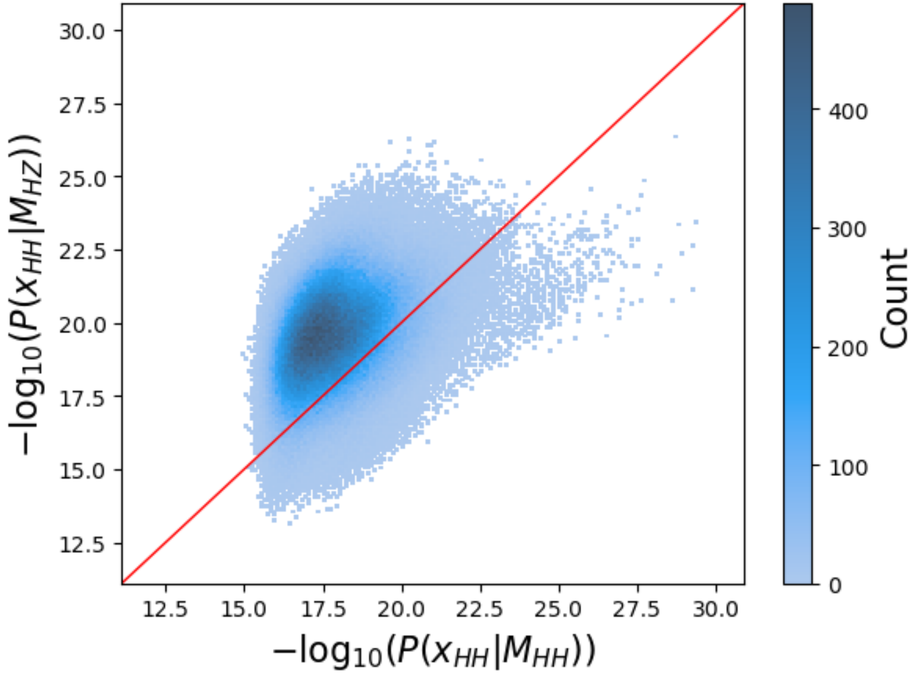

$-log(P(x_{HH}|M_{HZ}))$
Time in s
Count

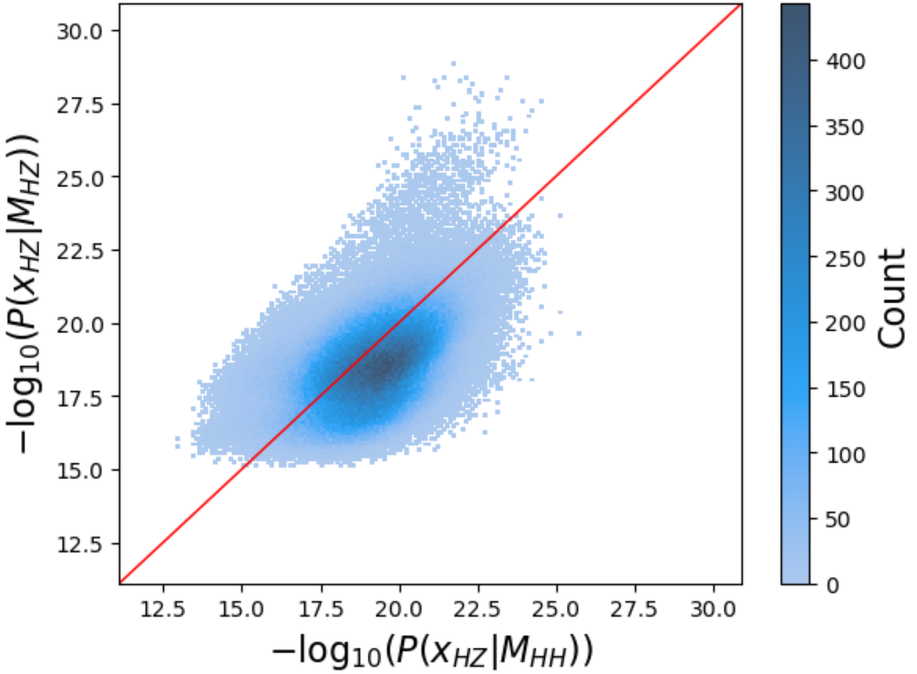

$-log(P(x_{HZ}|M_{HZ}))$
Time in s
Count

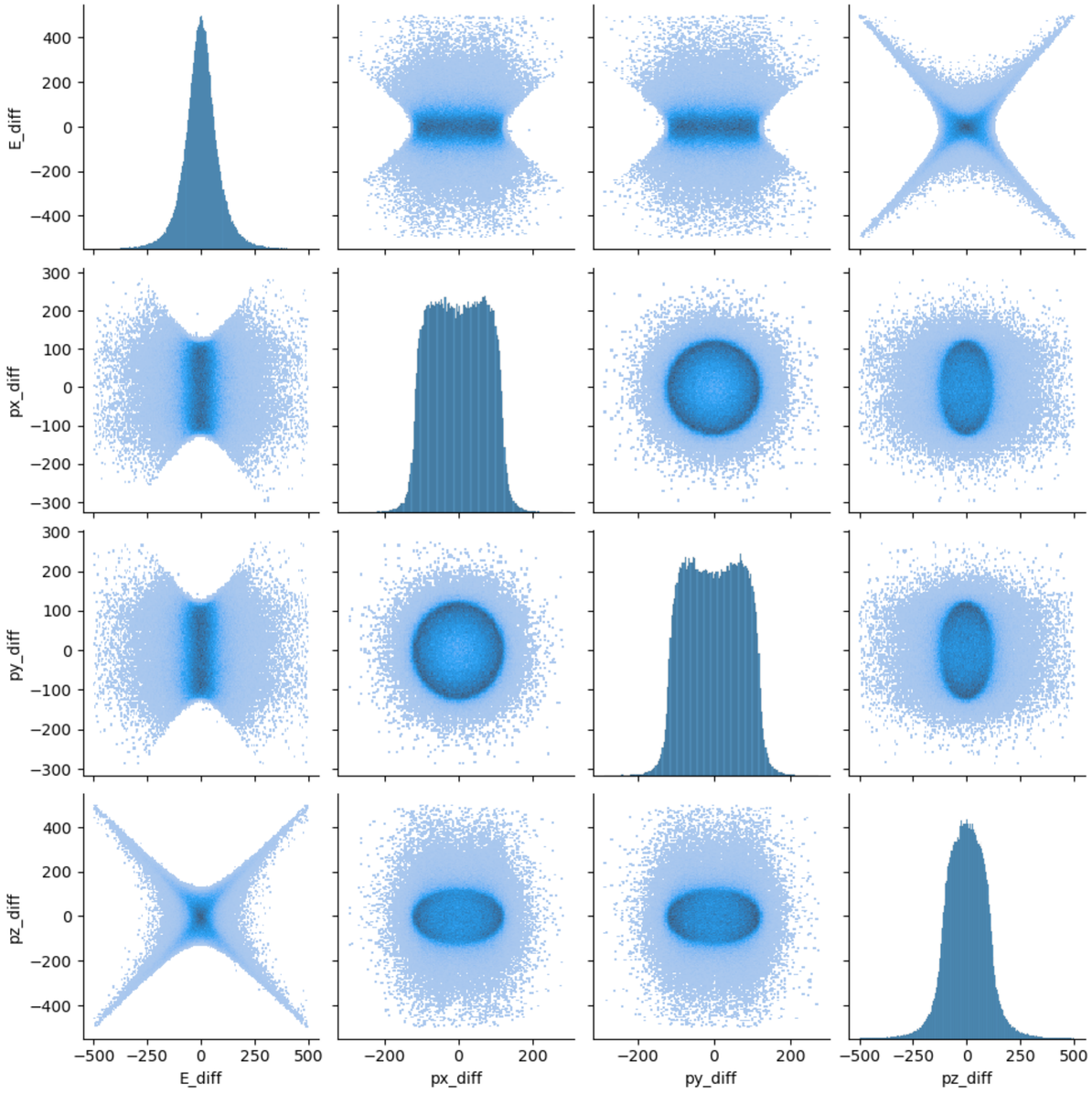
$$D_{\pm}(x) = \frac{P(x\,|\,M_{HH}) - P(x\,|\,M_{HZ})}{P(x\,|\,M_{HH}) + P(x\,|\,M_{HZ})}$$

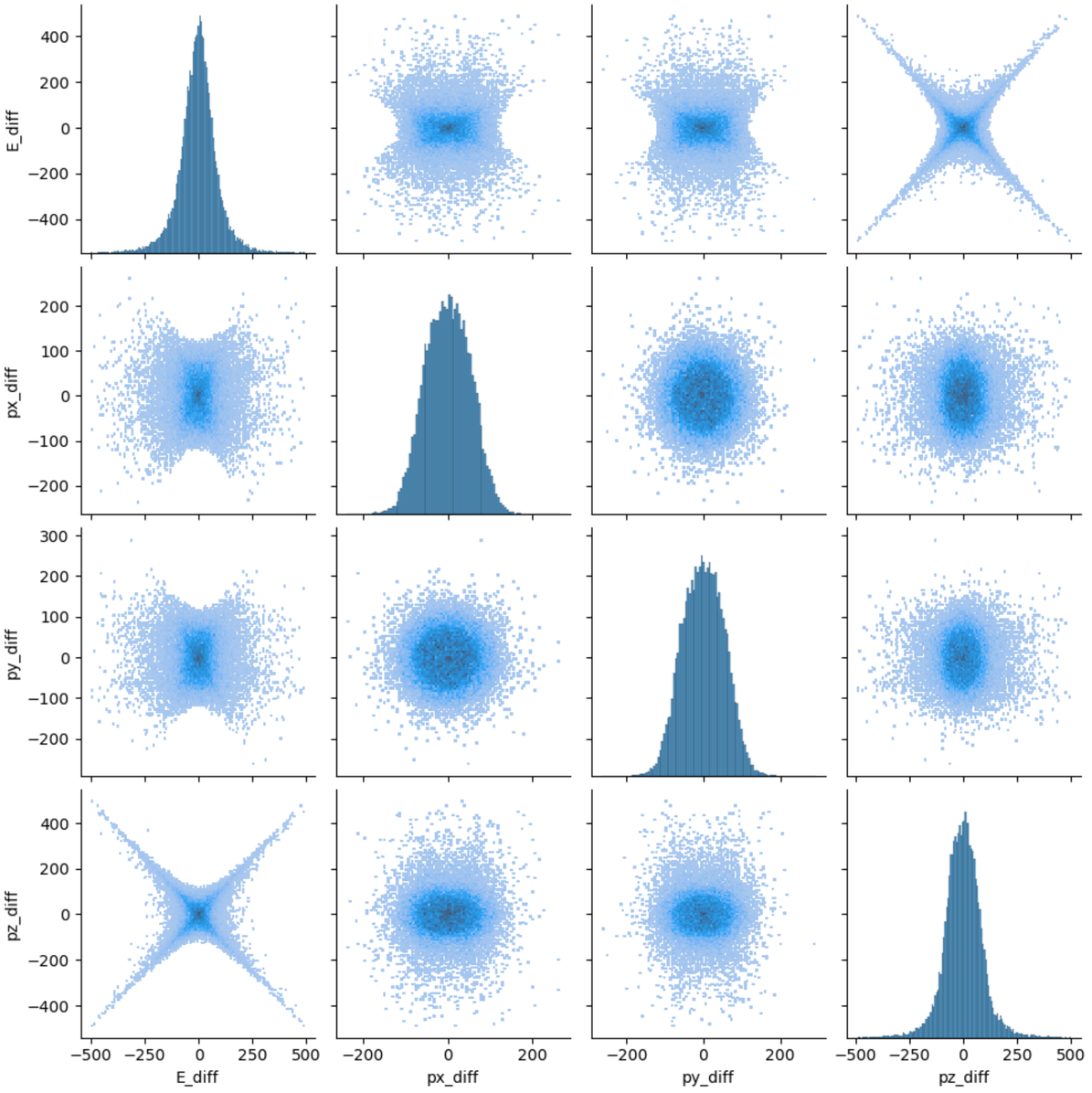












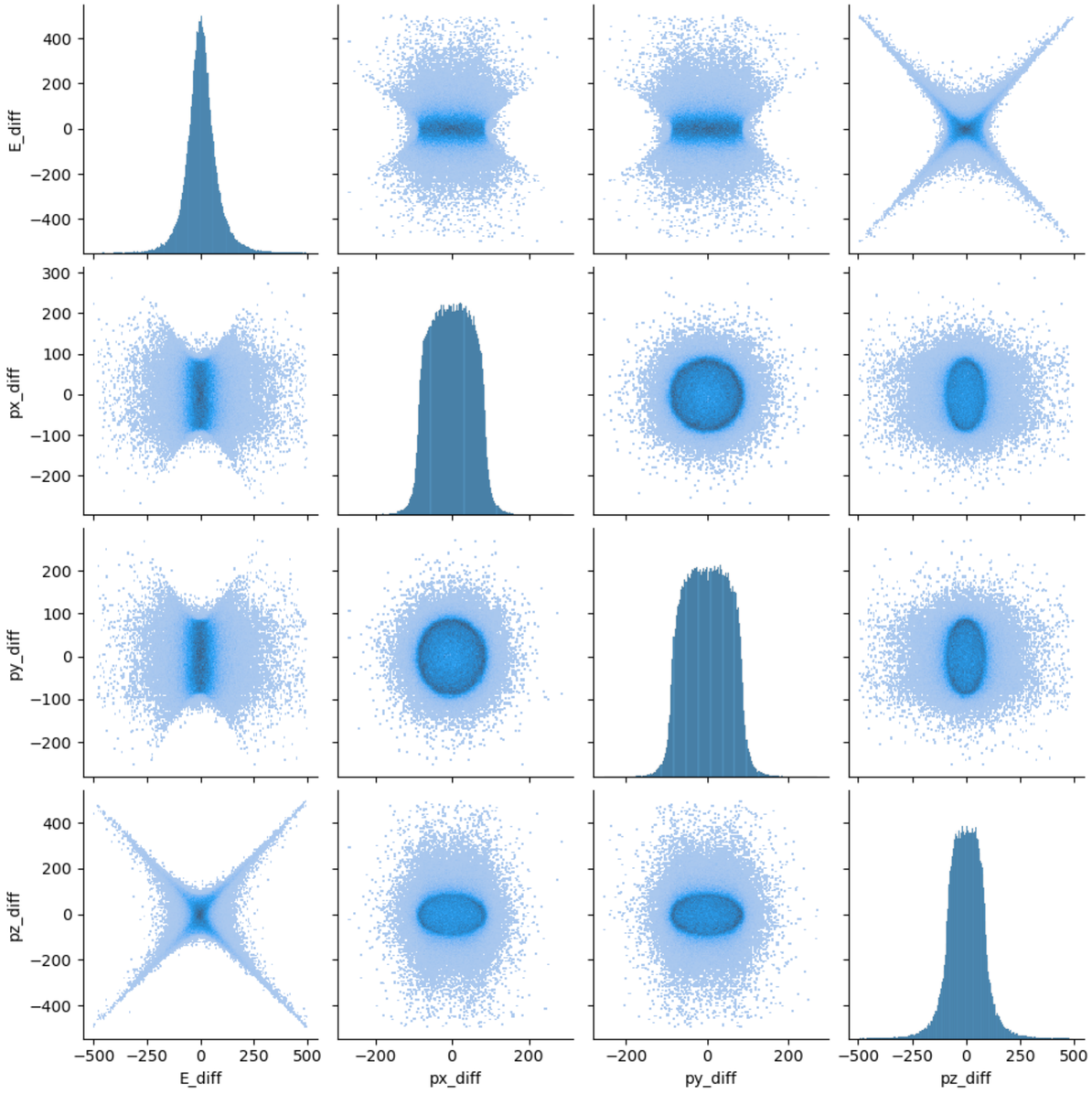
-log(W_sig) - -log(W_back) < -1 (good)

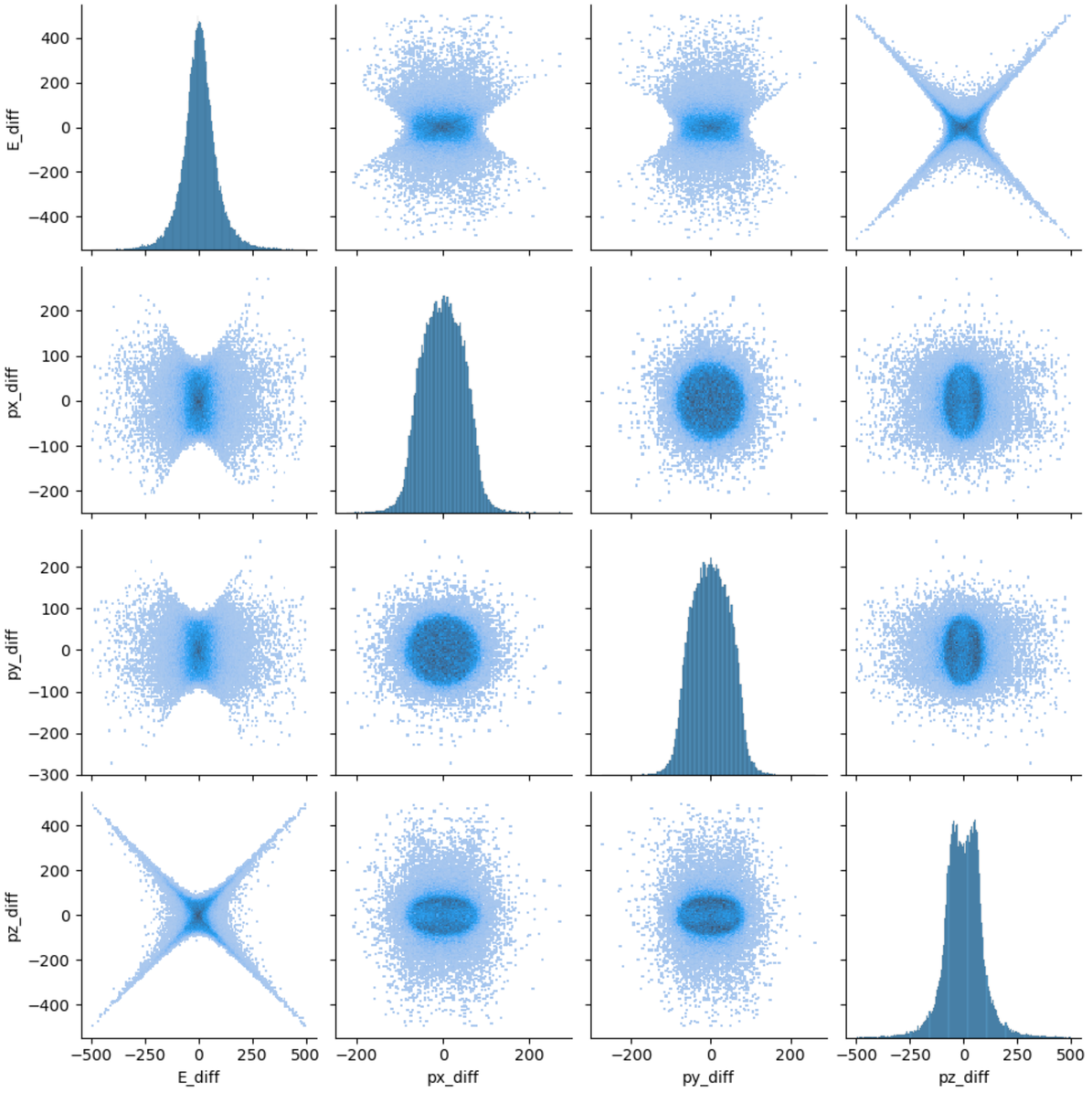
-log(W_sig) - -log(W_back) > 1 (bad)

328,841 events

HH data

27,714 events





-log(W_sig) - -log(W_back) < -1 (good)

-log(W_sig) - -log(W_back) > 1 (bad)

183,642 events

HZ data

57,191 events