\_Cent0to20 hY\_gen\_sum Entries 3.102892e+07 # of events Mean -3.12210<sup>6</sup> Std Dev 0.4167 red: generated number of J/psi blue: reconstructed number of J/psi 10<sup>5</sup> 10<sup>4</sup> 10<sup>3</sup> 10<sup>2</sup> 10

-3.5

-4.5

-2.5