Results Models SG (Single Crawssian) [1] F= 0.294 ±0.001 a = 0.00230 ± 5 × 10-5 (Mel/2) M = 3096.90 ±0.03 MeV/c2 6=13,70±0.03 MeV/c2 DG (Double Gaussoan) (1) F=0.267 to oot a=0.00212 + 66×10 (MeV/c2) 4-3097, 51 ±0.05 MeV/c2 M2-3093.6 +0.3 MeV/c2 6, - 11.70±0.07 MeV/c2 62=22.4 I or4 MeV/CZ Q=0.7210.01 Removed Mz from Double Gaussian, as having Just Mi improved results residuals. Thus, more accurate.

2996,917 NeV/c2 3mo < 3196,898 MeV/c2

(B) ((rys+a| Ball)  $M = 3 \pm 16$   $M = 6 \pm 6$ .  $M = 3096.91 \pm 0.03 \text{ MeV/c}^2$   $M = 3096.91 \pm 0.03 \text{ MeV/c}^2$   $M = 13.69 \pm 0.03 \text{ MeV/c}^2$   $M = 0.294 \pm 0.001$  $M = 0.00230 \pm 5 \times 10^5 \text{ (MeV/c}^2)^{-1}$ 

DG (Double Gaussian)

 $G = 0.270 \pm 0.001$   $Q = 0.00245 \pm 6 \times 10^{-5} (MeV/c^2)^{-1}$   $M = 3096.92 \pm 0.03 MeV/c^2$   $G = 11.49 \pm 0.03 MeV/c^2$   $G = 21.21 \pm 0.07 MeV/c^2$   $Q = 0.68 \pm 0.01$ 

For Definitions refer to:
[1] A. Anderson, "Proots and definitions
for modeling invariant mass data

J/Y meson production." [Unpublished
Manuscript], University at Edinburgh,

Nov 2020.