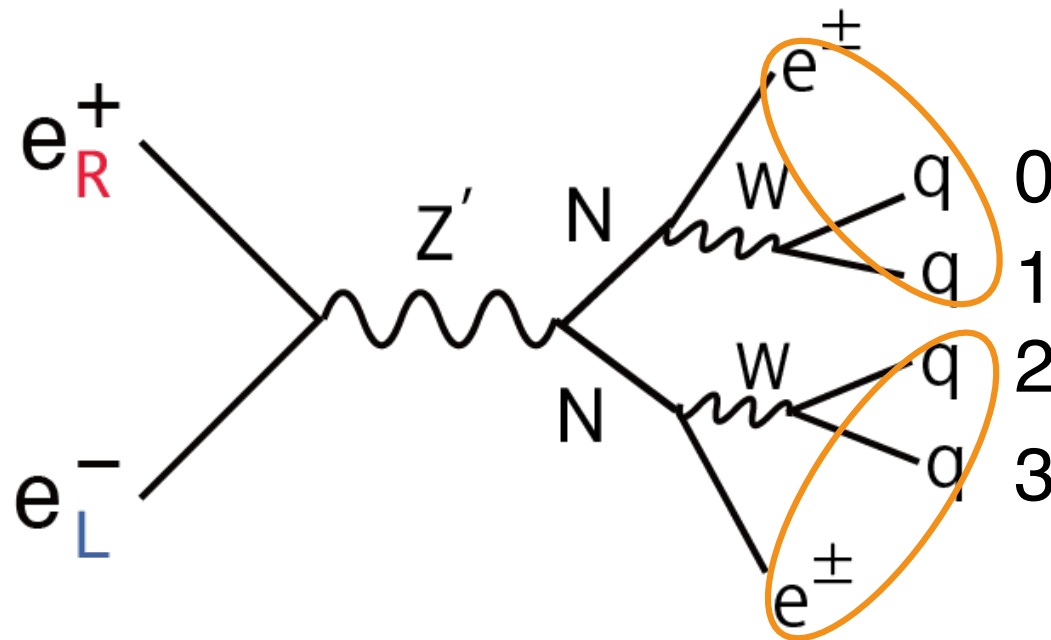


Reconstruct jets

Ex)

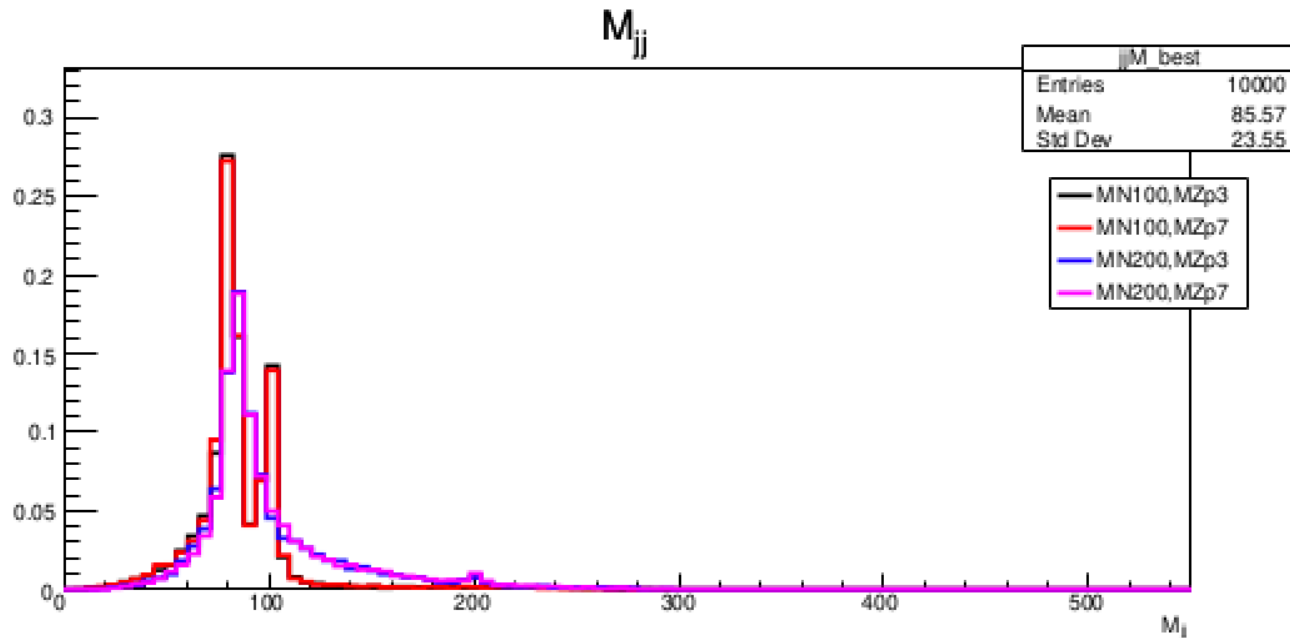
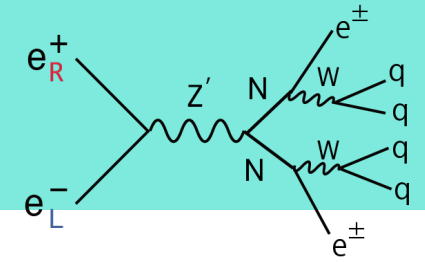


Label q as 0~3



Search for the correct combination of qq

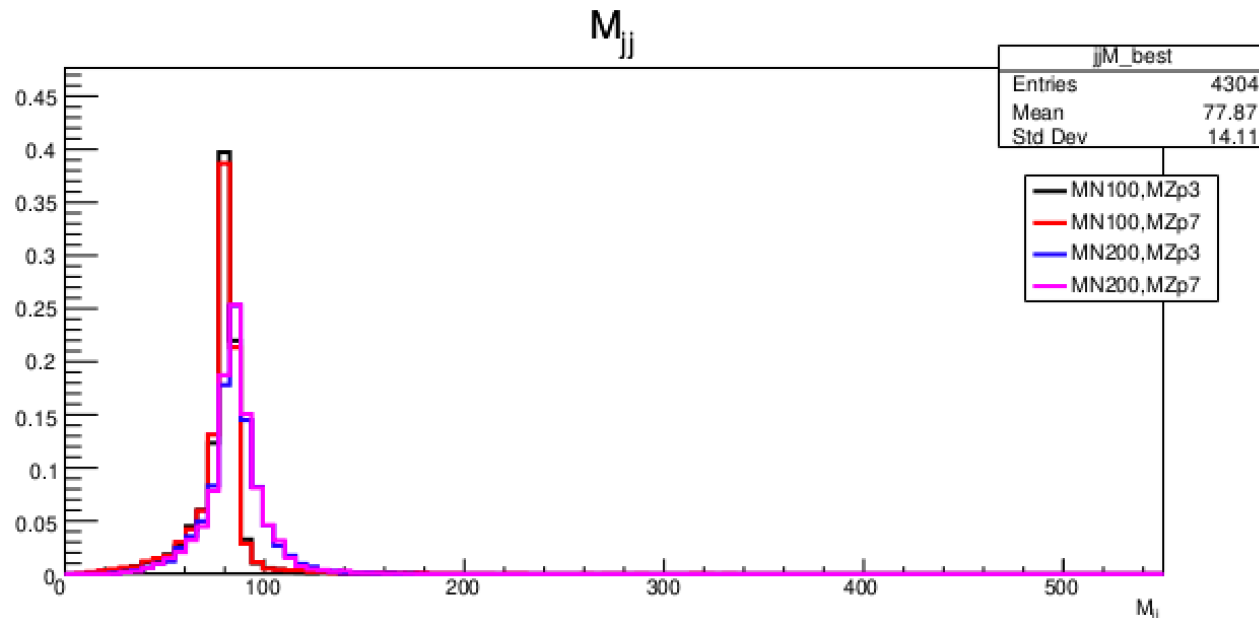
Results — Jets



Jet pair 1 -> mjj1
 Jet pair 2 -> mjj2

$$F = \text{abs}(mjj1 - m_w) + \text{abs}(mjj2 - m_w)$$

→ Minimum F

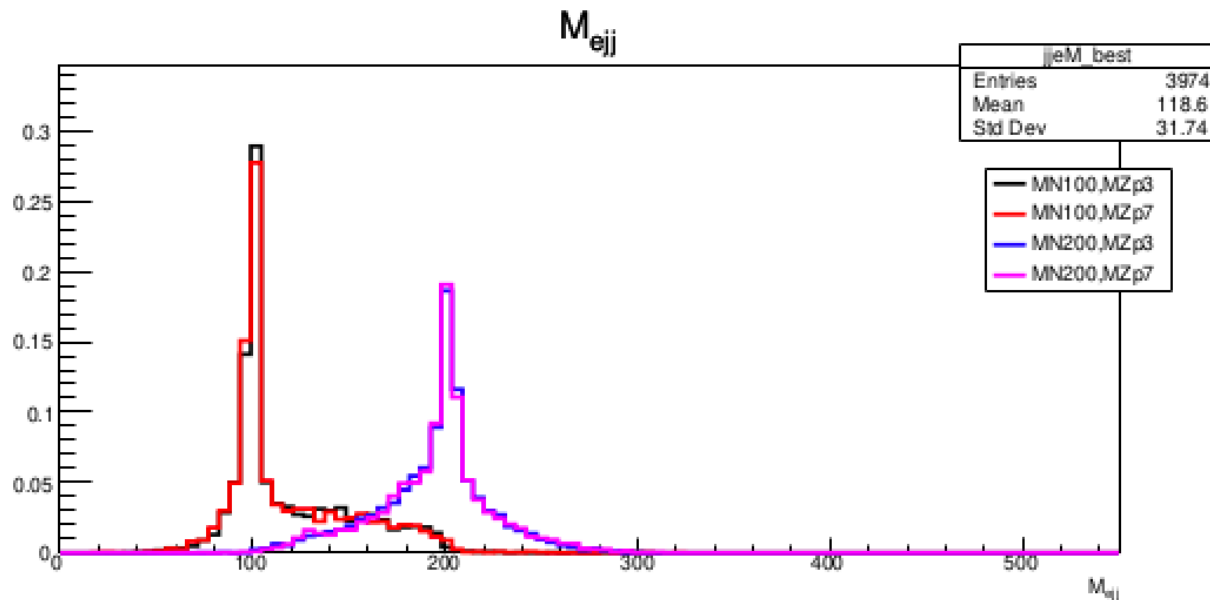
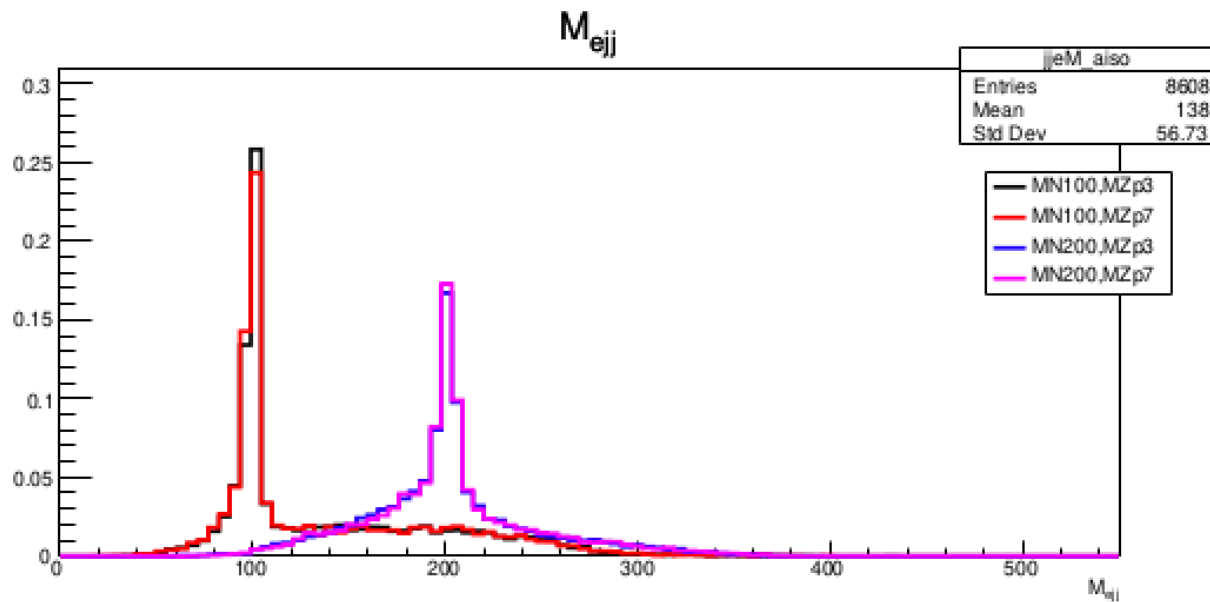
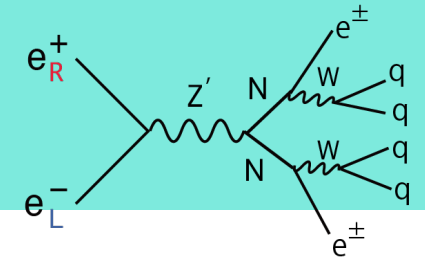


Isolated electron # = 2

$$F = (mjj1 - m_w)^2 + (mjj2 - m_w)^2$$

→ Minimum F

Results — Jets



Isolated electron # =2
 Best Jet pair 1 + iso e
 ->mjje1
 Best Jet pair 2 + iso e
 ->mjje2

$$F = (mejj1 - mejj2)^2$$

→ Minimum F

Isolated e, γ, μ

