



- $\mu\mu$ pt1,pt2 < ptcut
- - - $\gamma\gamma$ PDF(scale=ptcut)
- $\mu\mu$ pt1>ptcut pt2<ptcut
- - - $\mu\gamma$ pt1>ptcut+PDF(scale=ptcut)
- $\mu\mu$ pt1,pt2 > ptcut
- sum
- - - sum (PDF)
- $\mu\mu$ no cuts at all
- ... $\mu\mu$ no cuts at all (NO QED)
- . - $\mu\mu$ no cuts at all (all diag –(only QED + NO QED))