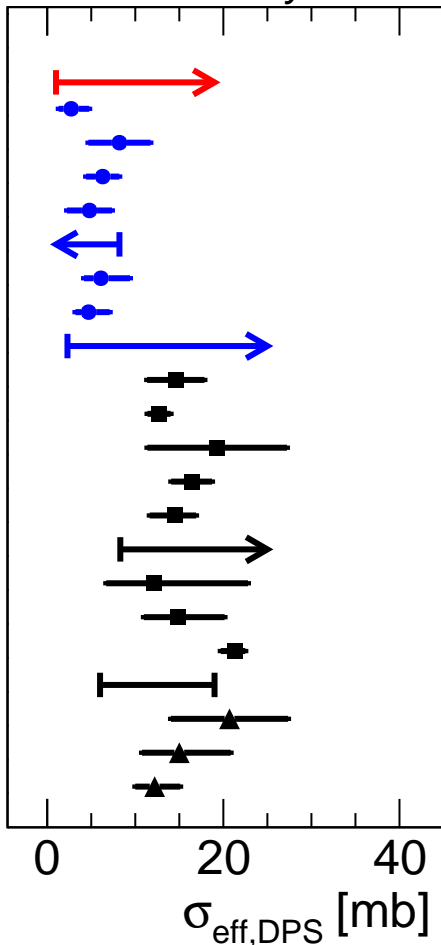


# CMS Preliminary



- CMS**,  $\sqrt{s_{\text{NN}}}=8.16$  TeV,  $J/\psi+J/\psi$
- CMS**,  $\sqrt{s}=13$  TeV,  $J/\psi+J/\psi+J/\psi$  Nat. Phys. **19** (2023) 338
- CMS\***,  $\sqrt{s}=7$  TeV,  $J/\psi+J/\psi$  Phys. Rept. **889** (2020) 1
- ATLAS**,  $\sqrt{s}=8$  TeV,  $J/\psi+J/\psi$  Eur. Phys. J. C **77** (2017) 76
- D0**,  $\sqrt{s}=1.96$  TeV,  $J/\psi+J/\psi$  Phys. Rev. D **90** (2014) 111101
- D0\***,  $\sqrt{s}=1.96$  TeV,  $J/\psi+Y$  Phys. Rev. Lett. **117** (2016) 062001
- ATLAS\***,  $\sqrt{s}=7$  TeV,  $W+J/\psi$  Phys. Lett. B **781** (2018) 485
- ATLAS\***,  $\sqrt{s}=8$  TeV,  $Z+J/\psi$  Phys. Rept. **889** (2020) 1
- ATLAS\***,  $\sqrt{s}=8$  TeV,  $Z+b \rightarrow J/\psi$  Nucl. Phys. B **916** (2017) 132
- D0**,  $\sqrt{s}=1.96$  TeV,  $\gamma+b/c+2\text{-jet}$  Phys. Rev. D **89** (2014) 072006
- D0**,  $\sqrt{s}=1.96$  TeV,  $\gamma+3\text{-jet}$  Phys. Rev. D **89** (2014) 072006
- D0**,  $\sqrt{s}=1.96$  TeV,  $2\text{-}\gamma+2\text{-jet}$  Phys. Rev. D **93** (2016) 052008
- D0**,  $\sqrt{s}=1.96$  TeV,  $\gamma+3\text{-jet}$  Phys. Rev. D **81** (2010) 052012
- CDF**,  $\sqrt{s}=1.8$  TeV,  $\gamma+3\text{-jet}$  Phys. Rev. D **56** (1997) 3811
- UA2**,  $\sqrt{s}=640$  GeV,  $4\text{-jet}$  Phys. Lett. B **268** (1991) 145
- CDF**,  $\sqrt{s}=1.8$  TeV,  $4\text{-jet}$  Phys. Rev. D **47** (1993) 4857
- ATLAS**,  $\sqrt{s}=7$  TeV,  $4\text{-jet}$  JHEP **11** (2016) 110
- CMS**,  $\sqrt{s}=7$  TeV,  $4\text{-jet}$  Eur. Phys. J. C **76** (2016) 155
- CMS**,  $\sqrt{s}=13$  TeV,  $4\text{-jet}$  JHEP **01** (2022) 177
- CMS**,  $\sqrt{s}=7$  TeV,  $W+2\text{-jet}$  JHEP **03** (2014) 032
- ATLAS**,  $\sqrt{s}=7$  TeV,  $W+2\text{-jet}$  New J. Phys. **15** (2013) 033038
- CMS**,  $\sqrt{s}=13$  TeV,  $WW$  Phys. Rev. Lett. **131** (2023) 091803