Calculation of $c\bar{c}$, $b\bar{b}$ and Drell-Yan

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- NLO calculations

  $m_c = 1.2$ GeV MRS D-′ from pp total cross sections

  $m_b = 4.75$ GeV

  $\sigma_{c\bar{c}} \approx 350\,\mu b$ $\sigma_{b\bar{b}} \approx 1.5\,\mu b$

- scaled from pp to Au+Au by $\propto A^{4/3}$

  no nuclear effects