Comparison of opencharm cross sections

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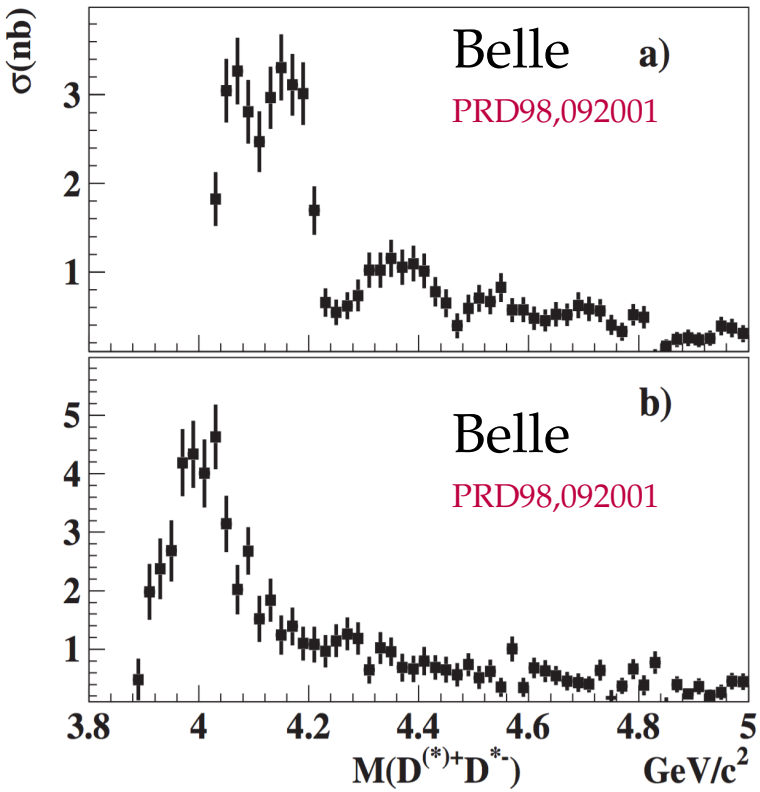
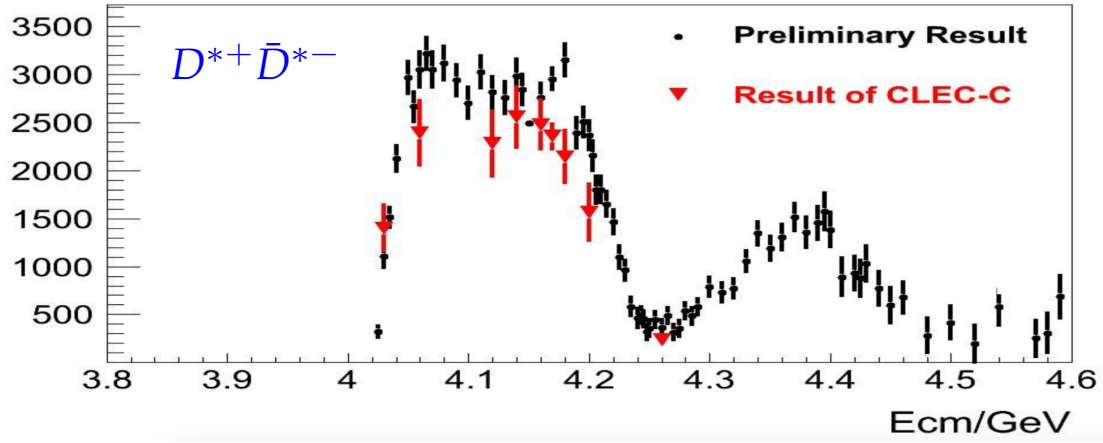
The exclusive opencharm cross sections

We list the opencharm cross sections

- $e^+e^- \to D\bar{D}^*$ (~ 5 nb)
- $e^+e^- \to D^*\bar{D}^*$ (~ 3 nb)
- $e^+e^- \to D\bar{D}$ (~ 5 nb)
- $e^+e^- \to D_s^{*+}D_s^- + D_s^+D_s^{*-}$ (~ 5 nb)
- $e^+e^- \to D_s^{*+}D_s^{*-}$ (~ 5 nb)
- $e^+e^- \to D_s^+D_s^-$ (~ 5 nb)
- $e^+e^- \to D\bar{D}\pi$ (~ 5 nb)
- $e^+e^- \to D\bar{D}^*\pi$ (~ 5 nb)
- $e^+e^- \to \pi\pi J/\psi$ (~ 5 nb)

$e^+e^- \to D^{*+}D^{*-}$ and $e^+e^- \to D^+D^{*-}$





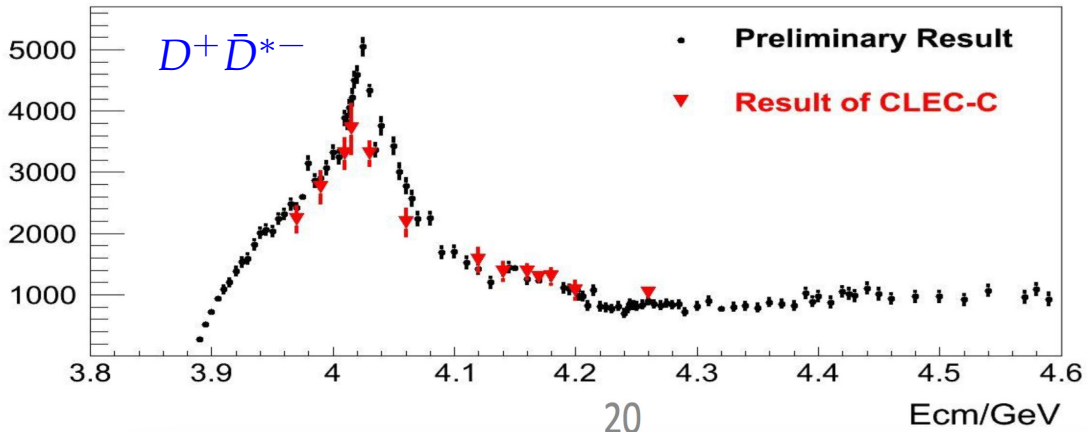
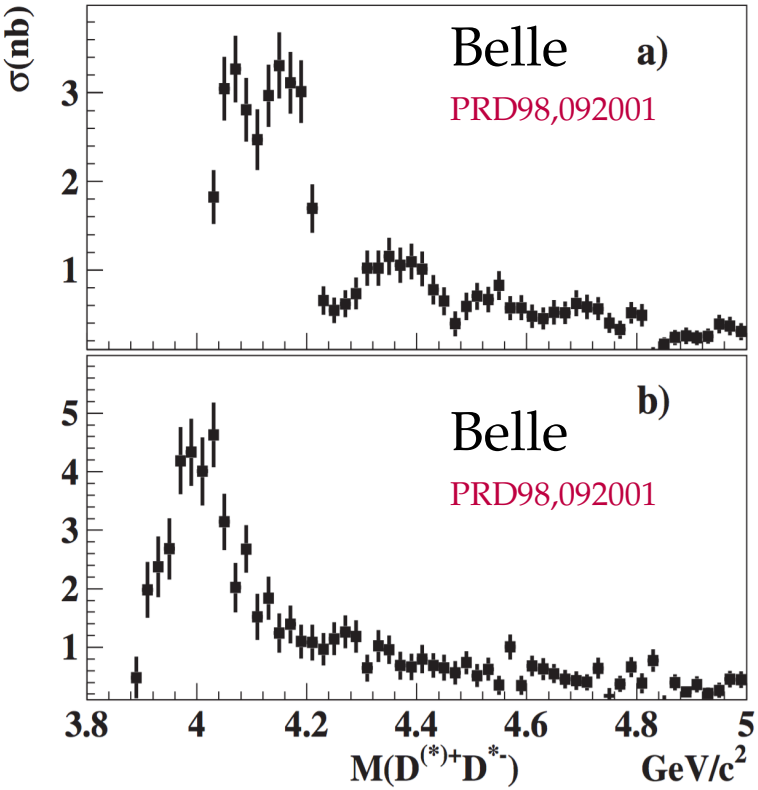
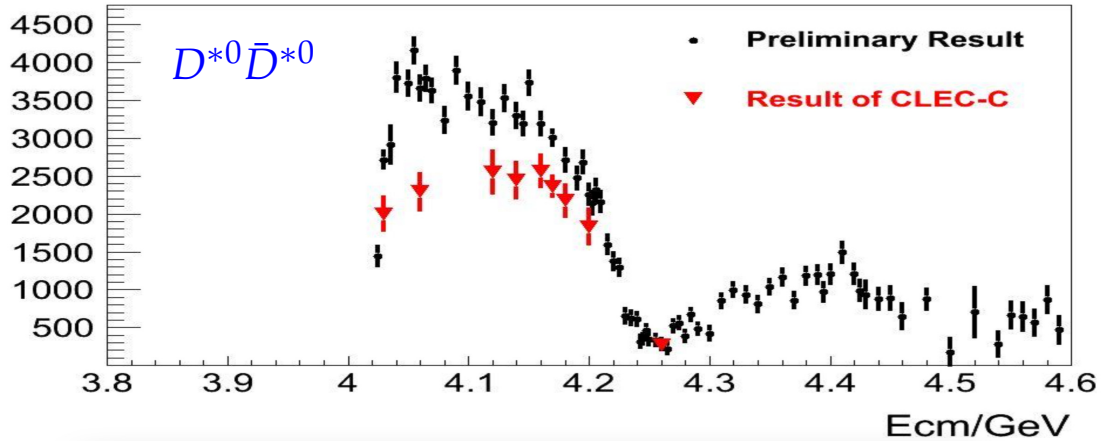


FIG. 2. The exclusive cross sections for (a) $e^+e^- \to D^{*+}D^{*-}$ and (b) $e^+e^- \to D^+D^{*-}$.

$e^+e^- \to D^{*0}\bar{D}^{*0}$ and $e^+e^- \to D^0\bar{D}^{*0}$





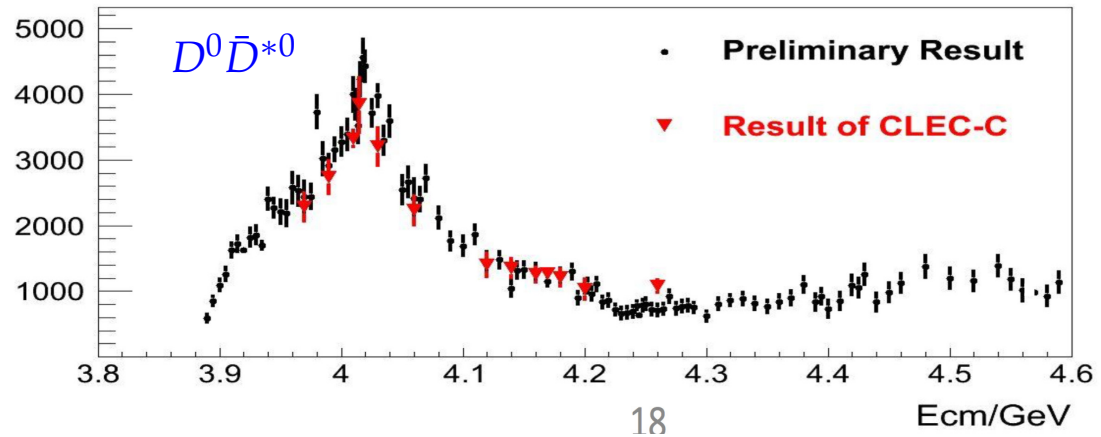
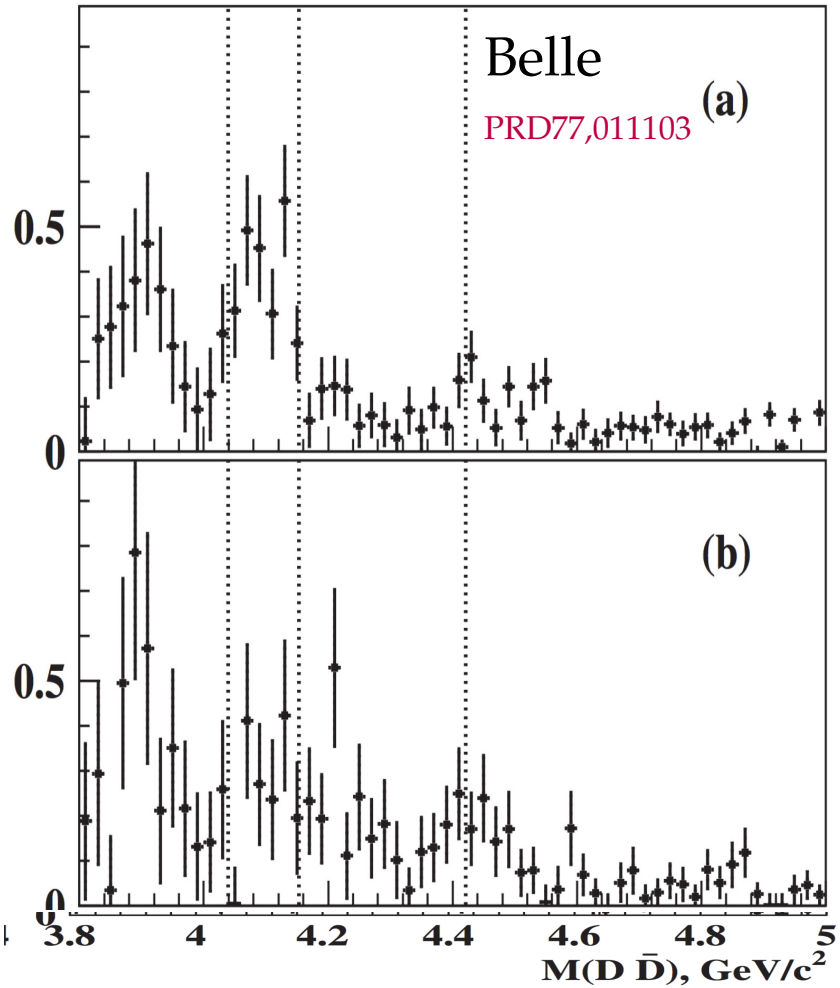
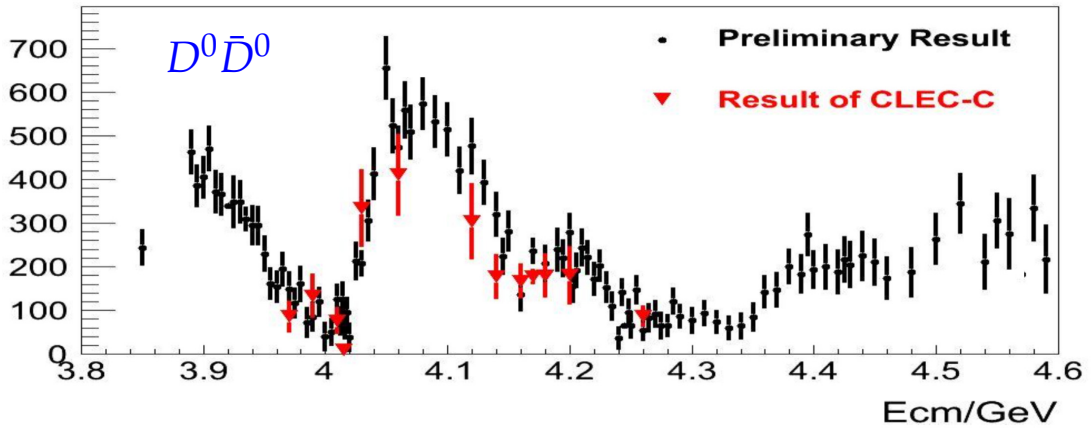
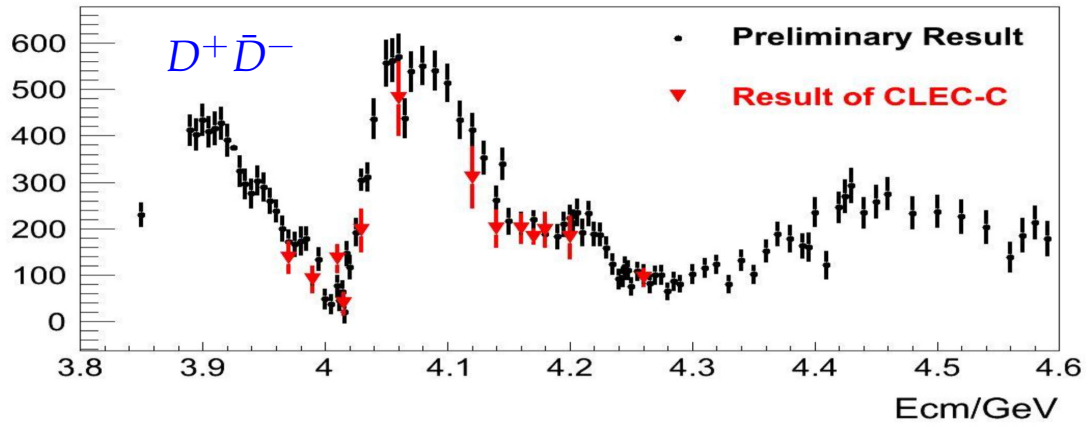


FIG. 2. The exclusive cross sections for (a) $e^+e^- \to D^{*+}D^{*-}$ and (b) $e^+e^- \to D^+D^{*-}$.

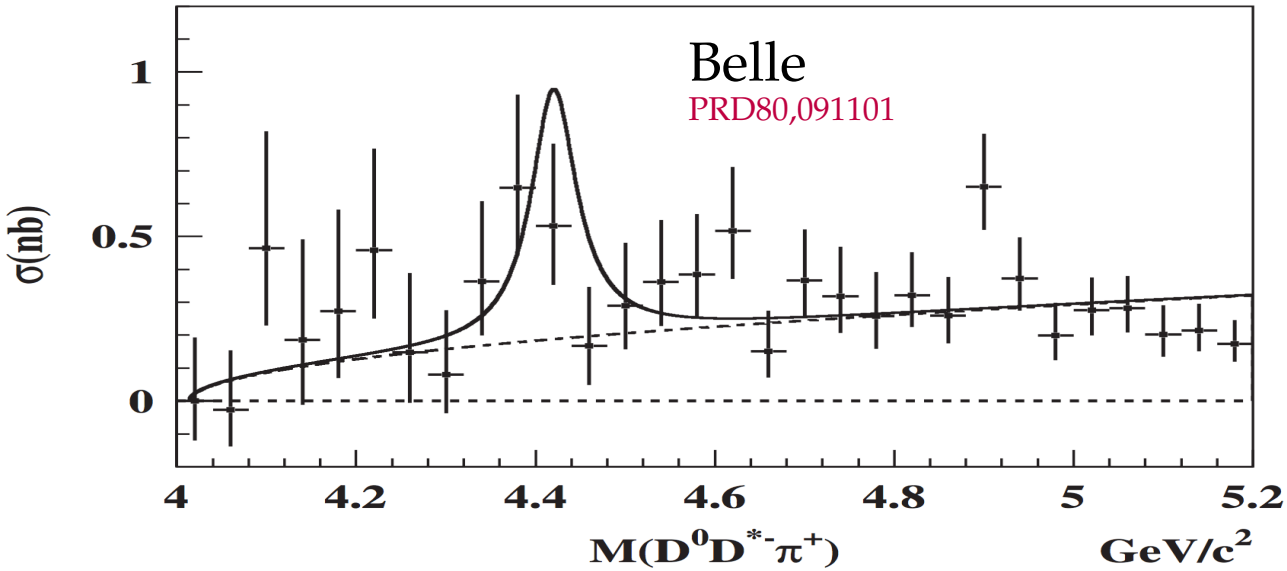
$e^+e^- \to D^0\bar{D}^0$ and $e^+e^- \to D^+D^-$

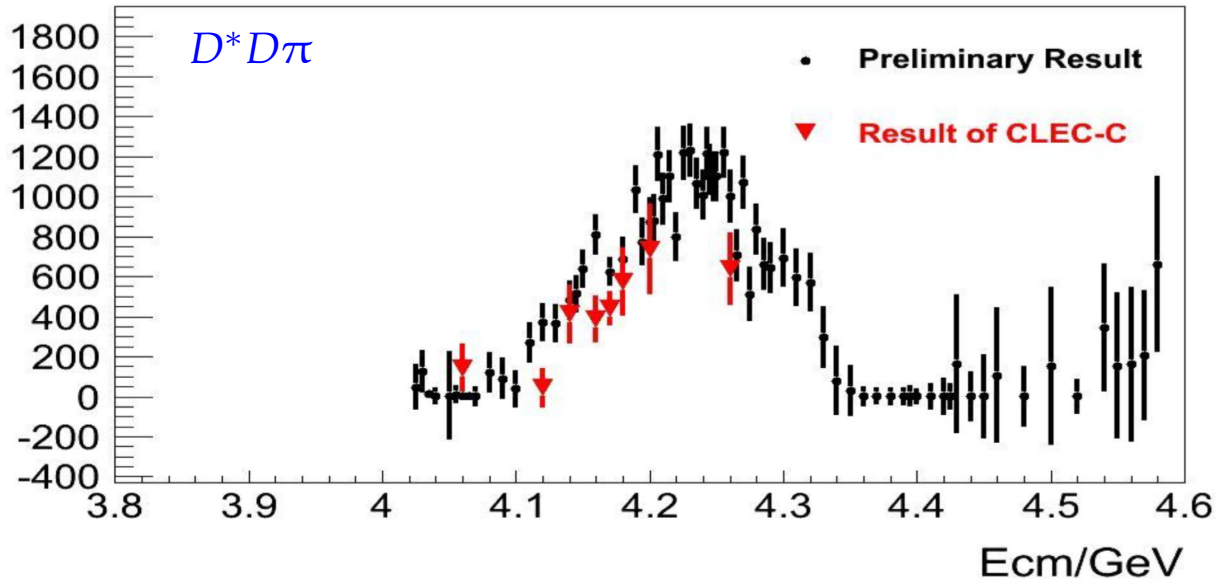






$e^+e^- \to D^0D^{*-}\pi^+$


Belle
PRD80,091101
σ(nb)
1
0.5
0
4
4.2
4.4
4.6
4.8
5
5.2
M(D⁰D*⁻π⁺)
GeV/c²


D*Dπ
Preliminary Result
Result of CLEC-C
1800
1600
1400
1200
1000
800
600
400
200
0
-200
-400
3.8
3.9
4
4.1
4.2
4.3
4.4
4.5
4.6
Ecm/GeV