VDM Fit Results

Legend:
- Data
- Fit $\sigma^{RC}_{D\bar{D}}$
- σ_{Born}
- Resonant - $\psi(3770) \to D\bar{D}$
- Non-resonant - $\psi(2S)$
- BESIII On-peak Data [2.92 fb^{-1}]
- BESIII XYZ Scan Data
- BESIII R Scan Data

Top panel: $e^+ e^- \to D^0 \overline{D^0}$, y-axis $\sigma_{D^0\overline{D^0}}$ [nb], x-axis $\sqrt{s}$ [GeV]

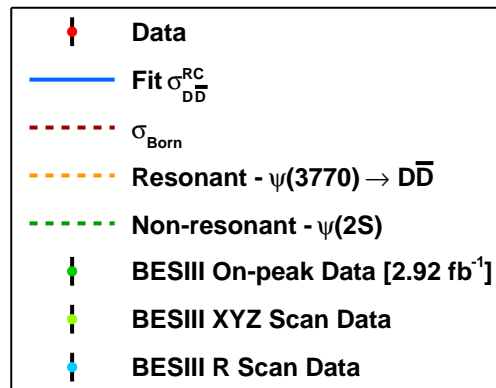Bottom panel: $e^+ e^- \to D^+ D^-$, y-axis $\sigma_{D^+D^-}$ [nb], x-axis $\sqrt{s}$ [GeV]

$M^{\psi(3770)} = (3.7804 \pm 0.0002)$

$\Gamma^{\psi(3770)} = (2.3732 \pm 0.0612) \times 10^{-2}$

$\Gamma_{ee}^{\psi(3770)} = (2.0735 \pm 0.1002) \times 10^{-7}$

$\phi^{\psi(3770)} = (3.5952 \pm 0.0525)$

$\Gamma^{\psi(2S)} = (1.4070 \pm 0.1431) \times 10^{-2}$

$F_0 = (-2.0768 \pm 0.4924)$

$\chi^2 / D.o.F. = 85 / 60 = 1.41$