VDM Fit Results

Legend:
- Data
- Fit $\sigma_{D\bar{D}}^{RC}$
- σ_{Born}
- Resonant - $\psi(3770) \rightarrow D\bar{D}$
- Non-resonant - $\psi(2S)$
- BESIII On-peak Data [2.92 fb^{-1}]
- BESIII XYZ Scan Data
- BESIII R Scan Data
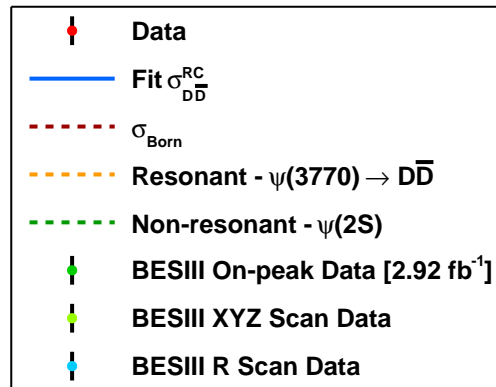
$M^{\psi(3770)} = (3.7803 \pm 0.0003)$

$\Gamma^{\psi(3770)} = (2.3784 \pm 0.0616) \times 10^{-2}$

$\Gamma_{ee}^{\psi(3770)} = (2.0468 \pm 0.1028) \times 10^{-7}$

$\phi^{\psi(3770)} = (3.5954 \pm 0.0559)$

$\Gamma^{\psi(2S)} = (1.2229 \pm 0.1336) \times 10^{-2}$

$F_0 = (-2.3415 \pm 0.4898)$

$\chi^2 / D.o.F. = 94 / 60 = 1.57$

Top panel: $e^+ e^- \rightarrow D^0 \overline{D^0}$

Bottom panel: $e^+ e^- \rightarrow D^+ D^-$