

$\pi^+ \pi^-$ “old” Frascati data

- FRASCATI-ADONE-BCF, Bollini et al. Nuovo Cim.Lett.14(1975)418
<https://inspirehep.net/literature/100180> The Pion Electromagnetic Form-Factor in the Timelike Range 1.44 GeV^2 - 9.0 GeV^2
 - Energy range 1.44-GeV^2 - 9.0-GeV^2 -R
 - Pion FF Data and diagonal error in HEPData;
 - Errors not divided between statistical and systematic ones
 - No mention to RC, VP
- FRASCATI-ADONE-MEA, Esposito et al. PL B67(1977)239
<https://inspirehep.net/literature/124109> Momentum Analysis of Kaon and Pion Pairs Produced from Timelike Photons at 1.6-GeV Energy
 - Energy Range: 1.6 GeV (one single point)
 - σ and Pion FF Data and error in HEPData
 - Error not divided between statistical and systematic one
 - No mention to RC, VP
 - No formula given from sigma to PFF
- #FRASCATI-ADONE-MEA, Esposito et al. NCL 28(1980)337
<https://inspirehep.net/literature/158283> MEASUREMENTS OF THE EM TIMELIKE FORM-FACTORS FOR KAON AND PION AT $S^{*}(1/2) = 1.5\text{-GeV}$
 - Energy Range: 1.45-1.52 GeV (one single point)
 - σ and Pion FF Data and error in HEPData
 - Error not divided between statistical and systematic one
 - No mention to RC, VP
 - Formula given from sigma to PFF

$\pi^+ \pi^-$ Cleo data

- CERN-CLEO, T.K. Pedlar et al. Phys.Rev.Lett.95:261803,2005.
<https://inspirehep.net/literature/693873> Precision measurements of the timelike electromagnetic form-factors of pion, kaon, and proton
 - Energy range 3.671 GeV (one point)
 - Pion FF and cross section Data and error
 - NO entries in HEPData;
 - Errors divided between statistical and systematic ones
 - Mention to RC (ISR and FSR and VP). Unclear if the PFF is with or w/out VP, FSR
- CERN-CLEO, Kamal K. Seth et al., Phys.Rev.Lett. 110 (2013) 2, 022002,
<https://inspirehep.net/literature/1189656> Electromagnetic Structure of the Proton, Pion, and Kaon by High-Precision Form Factor Measurements at Large Timelike Momentum Transfers
 - Energy range 3.772 GeV 4.170 GeV (two points)
 - Pion FF and cross section Data and error
 - NO entries in HEPData;
 - Errors divided between statistical and systematic ones
 - Mention to RC (ISR and FSR and VP). Unclear if the PFF is with or w/out VP, FSR
- CERN-CLEO, T. Xiao et al, Phys. Rev. D 97, 032012 (2018)
<https://inspirehep.net/literature/1643020> Precision Measurement of the Hadronic Contribution to the Muon Anomalous Magnetic Moment
 - Energy range 0.3-1 GeV – ISR
 - Bare(?) cross section and diagonal error (no covariance matrix)
 - Errors divided between statistical and systematic ones
 - Mention to RC, VP (Phokhara)

Channel	Experiment	Reference	Energy Range	Method	Quotes	RC	HEPData	Comment
$\pi^+\pi^-$	BCF (ADONE, Frascati)	https://inspirehep.net/literature/100180	1.44-9 GeV ²	Direct	F_π errors	No Mention	YES	Errors not divided
$\pi^+\pi^-$	MEA (ADONE, Frascati)	https://inspirehep.net/literature/124109	1.6 GeV	Direct	F_π, σ errors	No Mention	YES	Errors not divided; no mention to formula from F_π, σ
$\pi^+\pi^-$	MEA (ADONE, Frascati)	https://inspirehep.net/literature/158283	1.45-1.52 GeV	Direct	F_π, σ errors	No Mention	YES	Errors not divided; formula from F_π, σ
$\pi^+\pi^-$	CLEOc (CESR, Cornell)	https://inspirehep.net/literature/693873	3.671 GeV	Direct	F_π, σ errors	Yes	NO	Unclear if the PFF is with or w/out VP, FSR
$\pi^+\pi^-$	CLEOc (CESR, Cornell)	https://inspirehep.net/literature/693873	3.772 GeV 4.170 GeV	Direct	F_π, σ errors	Yes	NO	Unclear if the PFF is with or w/out VP, FSR
$\pi^+\pi^-$	CLEOc (CESR, Cornell)	https://inspirehep.net/literature/693873	0.3-1 GeV	ISR	σ errors	Yes	NO	RC according to PHOKHARA No cov matrix