

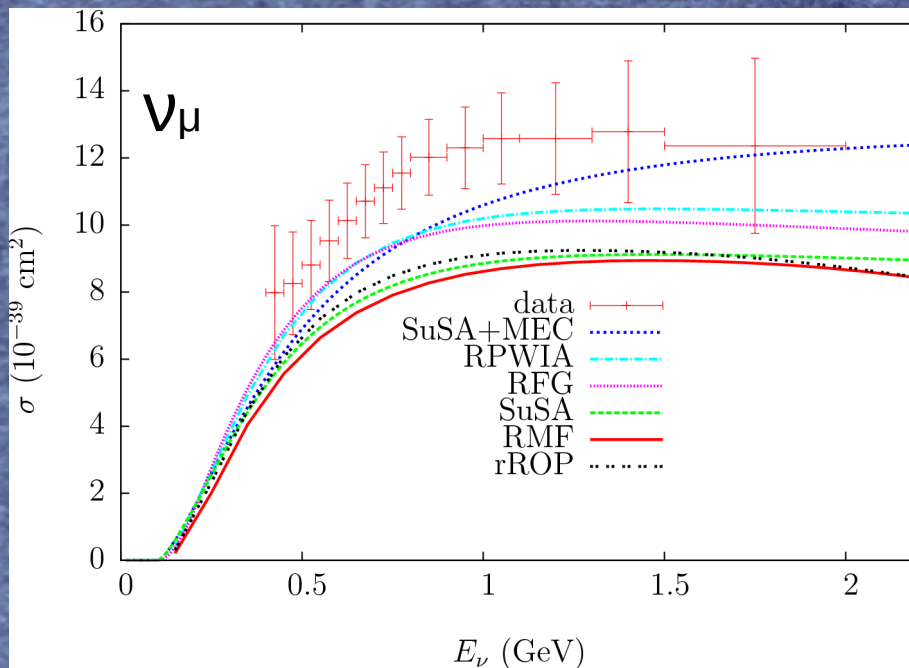
MB31 Torino

- Maria Barbaro (100%)
- Arturo De Pace (50% MB31, 50% RM31)
- Alfredo Molinari (70% MB31, 30% RM31)

Attività' di ricerca

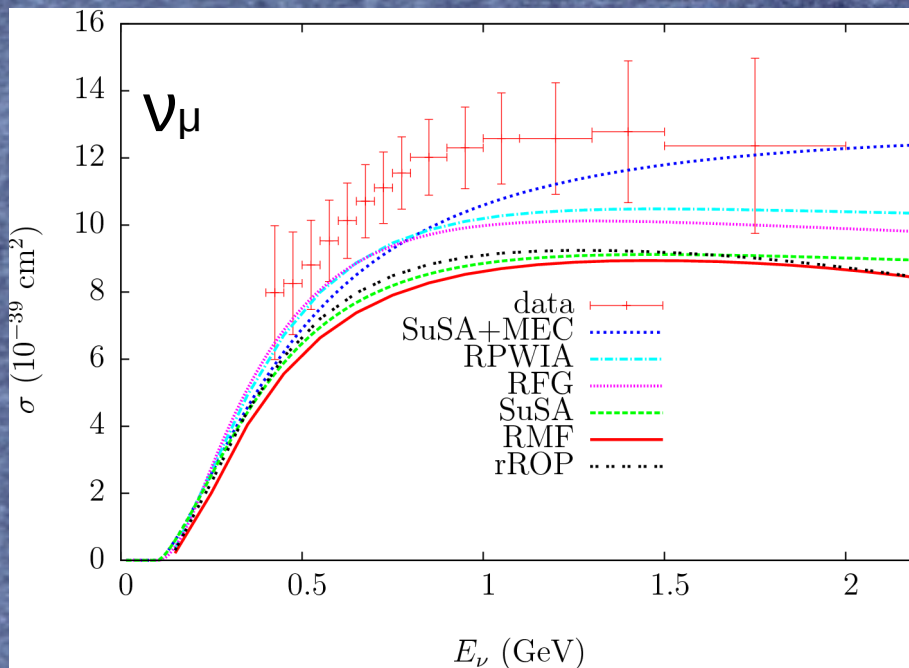
- Urto neutrino-nucleo (Barbaro)
 - collaborazioni:
 - Pavia: Giusti, Meucci
 - Spagna: Caballero (Siviglia), Amaro (Granada), Udias (Madrid)
 - MIT (Donnelly)
 - Sofia (Antonov, Ivanov)
- Random matrices-doorway states (De Pace, Molinari)
 - in collaborazione con H. Weidenmueller (Heidelberg)
 - De Pace et al., “Spreading Widths of Doorway States”, NPA 849(2011) 15–26
- Correlazioni nucleari e connessione con lo scaling (Berardo, Molinari, Barbaro) in collaborazione con Cenni (Genova) e Donnelly (MIT)

Meson Exchange Currents in electron and (anti)neutrino scattering

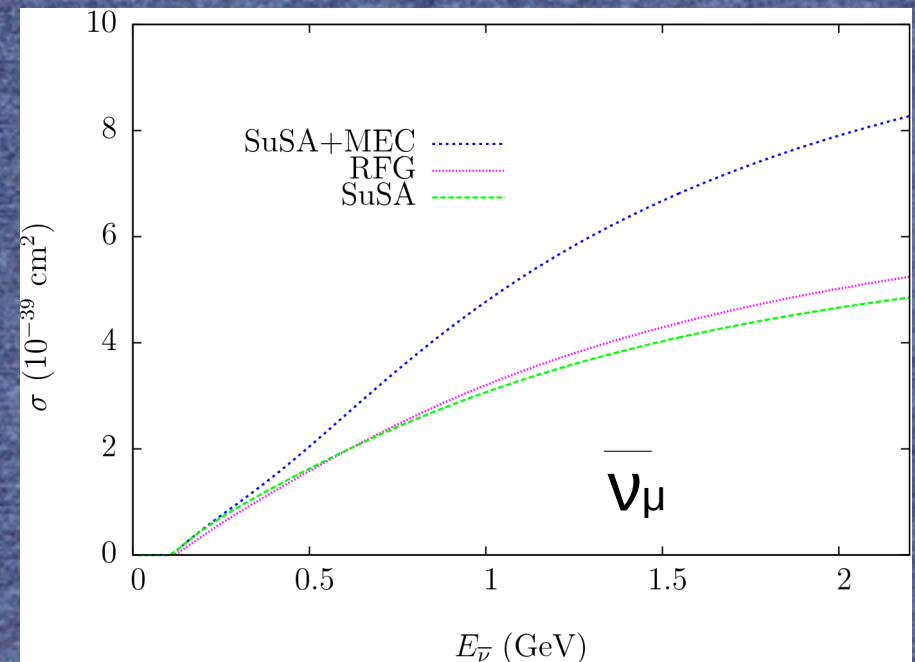


Amaro et al., PLB 696:151-155,2011.

Meson Exchange Currents in electron and (anti)neutrino scattering

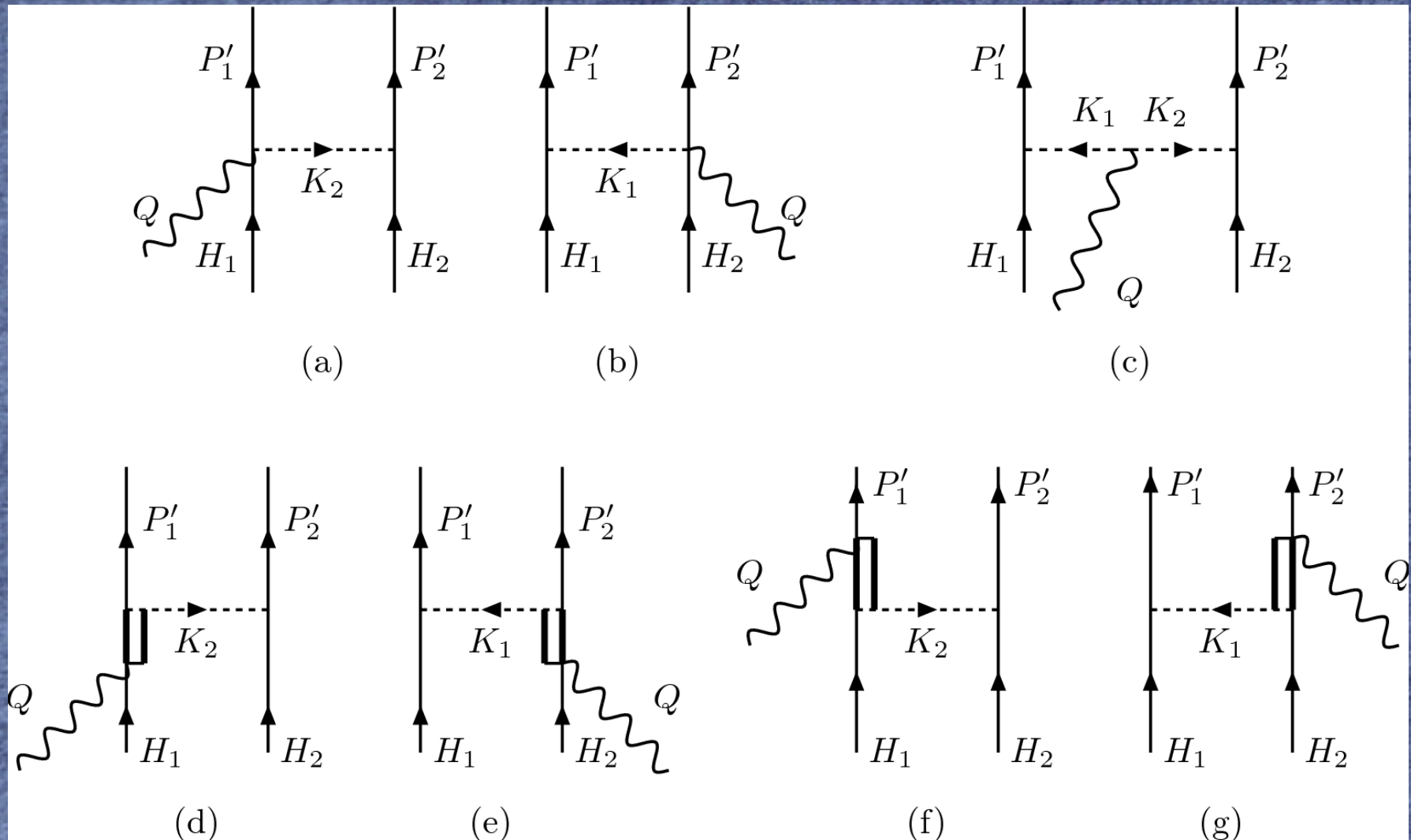


Amaro et al., PLB 696:151-155,2011.



Amaro et al., arXiv:1112.2123 [nucl-th]

The model



Van Orden and Donnelly, Annals Phys.131:451- 493,1981

Dekker, Brussard and Tjon, PRC49:2650-2670,1994, PLB289:255-260,1992

De Pace et al., Nucl.Phys.A726:303-326,2003