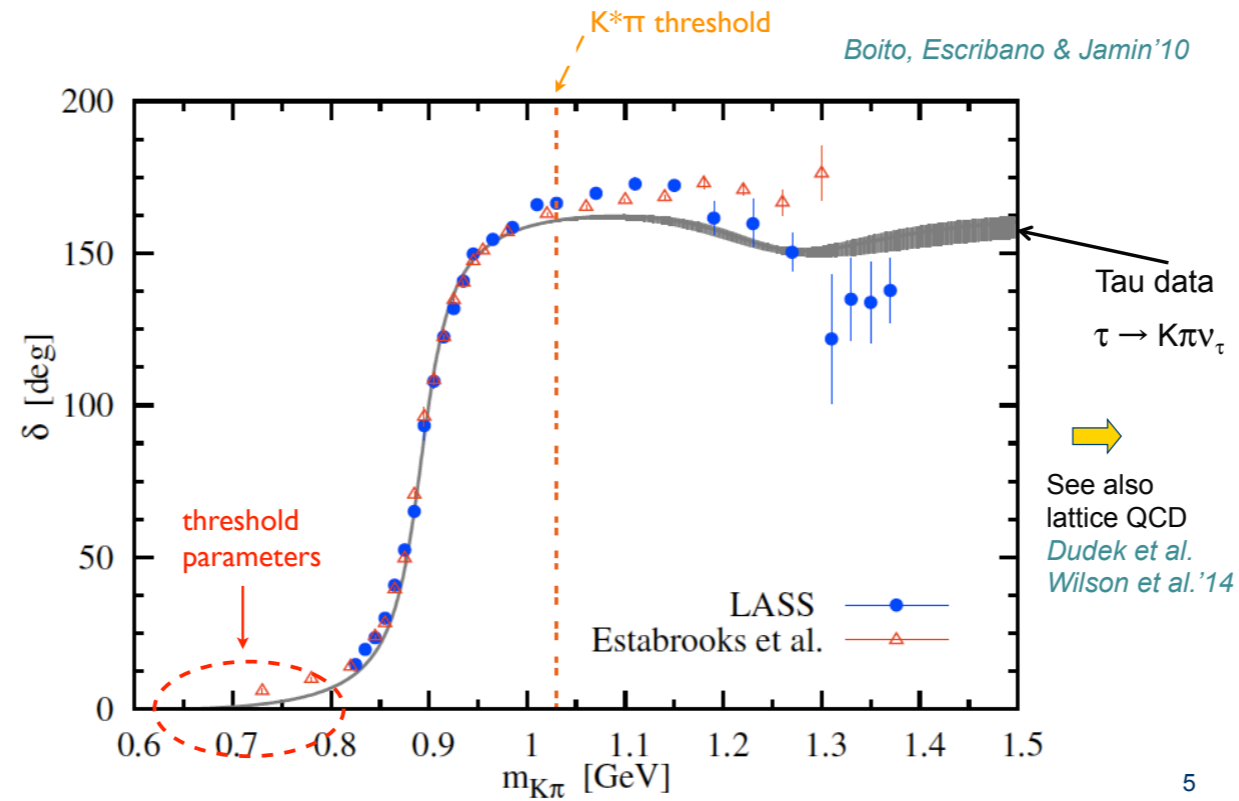


1.2 Ex: $K\pi$ scattering: P-wave



5

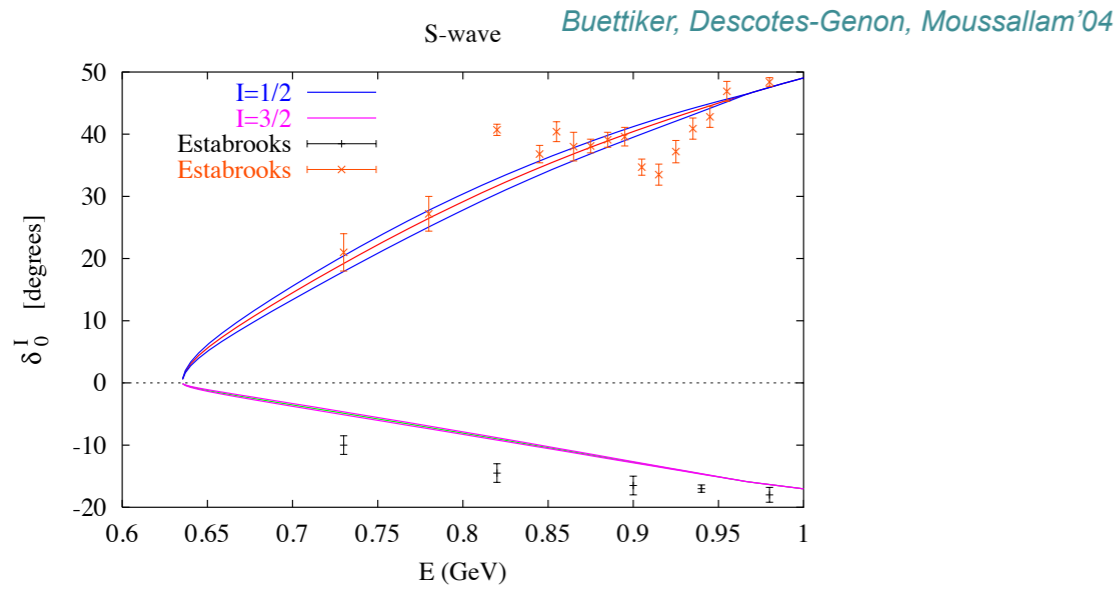
3.3 Kappa(800)

- The results coming from Roy-Steiner and data at higher energy not in agreement with low energy experimental data → need improvement!

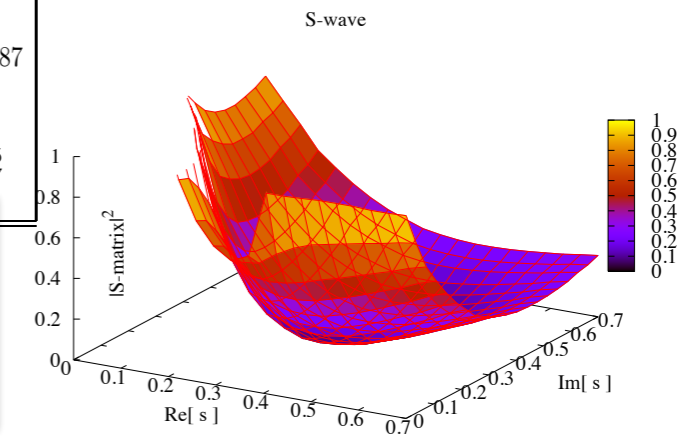
3.3 Kappa(800)

- The results coming from Roy-Steiner and data at higher energy not in agreement with low energy experimental data → need improvement!
Problem: no other precise data

Descotes-Genon, Moussallam'06



	M_κ (MeV)	Γ_κ (MeV)
This work	658 ± 13	557 ± 24
Zhou, Zheng [16]	694 ± 53	606 ± 89
Jamin et al. [18]	708	610
Aitala et al. [7]	$721 \pm 19 \pm 43$	$584 \pm 43 \pm 87$
Pelaez [19]	750 ± 18	452 ± 22
Bugg [9]	750^{+30}_{-55}	684 ± 120
Ablikim et al. [20]	$841 \pm 23^{+64}_{-55}$	$618 \pm 52^{+55}_{-87}$



3.3 Kappa(800)

- The results coming from Roy-Steiner and data at higher energy not in agreement with low energy experimental data → need improvement!
Problem: no other precise data

Descotes-Genon, Moussallam'06

	M_κ (MeV)	Γ_κ (MeV)
This work	658 ± 13	557 ± 24
Zhou, Zheng [16]	694 ± 53	606 ± 89
Jamin et al. [18]	708	610
Aitala et al. [7]	$721 \pm 19 \pm 43$	$584 \pm 43 \pm 87$
Pelaez [19]	750 ± 18	452 ± 22
Bugg [9]	750^{+30}_{-55}	684 ± 120
Ablikim et al. [20]	$841 \pm 23^{+64}_{-55}$	$618 \pm 52^{+55}_{-87}$
Ishida et al. [14]	877^{+65}_{-30}	668^{+235}_{-110}

