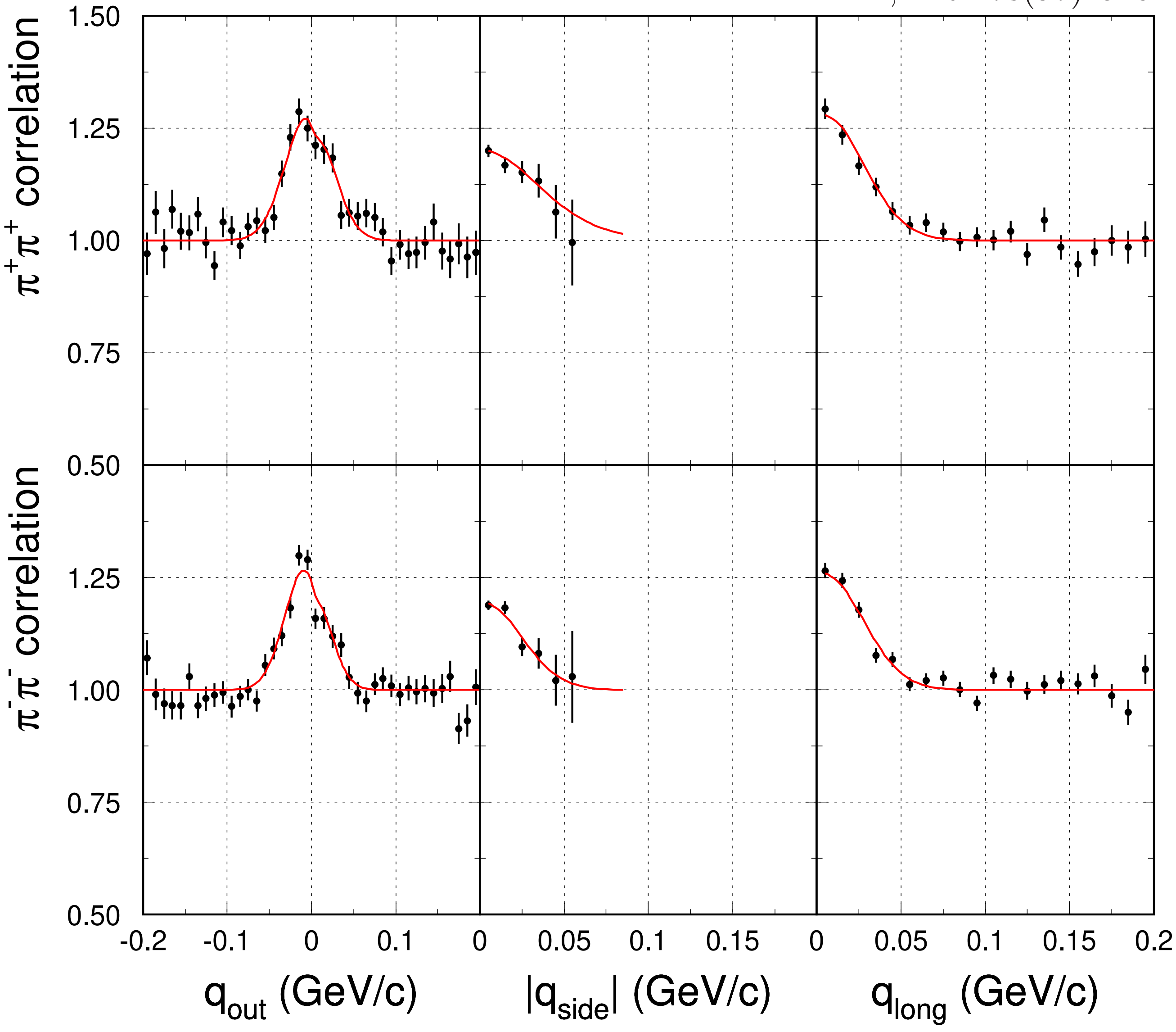
3-dimensional Pion Correlation Functions

Barrette et al., PRL 78(97)2916



$$C(q_o, q_s, q_l) = 1 + \lambda \exp(-R_o{}^2 q_o{}^2 - R_s{}^2 q_s{}^2 - R_l{}^2 q_l{}^2 - 2|R_{ol}|R_{ol} q_o q_l)$$

	λ	R_o(fm)	R_s(fm)	R_l(fm)	R_{ol}(fm)
$\pi^+\pi^+$	0.50±0.04	5.1±0.4	3.8±0.7	5.5±0.4	2.3±0.6
$\pi^-\pi^-$	0.53±0.03	5.9±0.3	5.8±0.6	6.0±0.3	3.7±0.4