

 Total PDF.

 $VV = \rho K^* + \omega K^* + \text{interf.}$

 $VS = \rho(K\pi) + \omega(K\pi) + \text{interf.}$

 $SV = S_1 K^* + S_2 K^* + S_3 K^* + \text{interf.}$

 $SS = S_1(K\pi) + S_2(K\pi) + S_3(K\pi) + \text{interf.}$

Where: $S_1, S_2, S_3 \equiv f_0(500), f_0(980)$ and $f_0(1370)$