

$C(k^*)$

ALICE Preliminary

 ΛK^+ 10-30%Pb-Pb $\sqrt{s_{NN}} = 2.76$ TeV

1.05

0.95

0.9

0

0.2

0.4

0.6

0.8

0

0.2

0.4

0.6

0.8

 k^* (GeV/c)val. \pm stat. \pm sys. $\lambda = 0.64 \pm 0.31 \pm 0.31$ $R = 4.23 \pm 0.97 \pm 0.40$ $\text{Re}[f_0] = -2.19 \pm 1.18 \pm 0.34$ $\text{Im}[f_0] = 1.19 \pm 1.45 \pm 0.20$ $d_0 = 0.32 \pm 2.35 \pm 0.42$ $\chi^2/\text{NDF} = 408.8/339$

Residuals

 \circ $\Sigma^0 K^+$ \triangle $\Sigma^{*0} K^+$ \oplus $\Sigma^0 K^{*0}$ ∇ $\Xi^0 K^{*0}$ \triangle $\Sigma^{*+} K^+$ \square $\Xi^0 K^+$ \diamond ΛK^{*0} \star $\Xi^- K^{*0}$ \circ $\Xi^- K^+$ \diamond $\Sigma^{*-} K^+$

1.01

1

0.99