

$C(k^*)$

ALICE Preliminary

 ΛK_S^0 30-50%Pb-Pb $\sqrt{s_{NN}} = 2.76$ TeV

1.05

0.95

0.9

0

0.2

0.4

0.6

0.8

 $\chi^2/\text{NDF} = 374.3/353$ val. \pm stat. \pm sys. $\lambda = 0.60 \pm 0.74 \pm 0.16$ $R = 3.82 \pm 0.53 \pm 0.11$ $\text{Re}[f_0] = -0.40 \pm 0.10 \pm 0.16$ $\text{Im}[f_0] = 0.27 \pm 0.06 \pm 0.13$ $d_0 = 2.08 \pm 0.47 \pm 0.62$

0

0.2

0.4

0.6

0.8

 k^* (GeV/c)

1.01

1

0.99

Residuals

 $\Sigma^0 K_S^0$
 $\Xi^0 K_S^0$ $\Xi-K_S^0$