

$C(k^*)$

30-50%

 ΛK^+

30-50%

 $\bar{\Lambda} K^-$

1

0.95

0.9

Initial Values

 $\lambda = 0.200$ $R = 3.500$ $\text{Re}[f_0] = -1.315$ $\text{Im}[f_0] = 0.516$ $d_0 = 0.000$

Mom. Res. Correction

Non-flat Bgd Correction

 χ^2 / ndf

242.8 / 230

Lambda

 0.7764 ± 0.0602

Radius

 1.844 ± 0.001 Re f_0 -0.2425 ± 0.0001 Im f_0 -0.06861 ± 0.00005 d_0 6.531 ± 0.008

Norm

 1 ± 0.0

Initial Values

 $\lambda = 0.200$ $R = 3.500$ $\text{Re}[f_0] = -1.315$ $\text{Im}[f_0] = 0.516$ $d_0 = 0.000$

Mom. Res. Correction

Non-flat Bgd Correction

 χ^2 / ndf

242.8 / 230

Lambda

 0.6714 ± 0.0642

Radius

 1.844 ± 0.001 Re f_0 -0.2425 ± 0.0001 Im f_0 -0.06861 ± 0.00005 d_0 6.531 ± 0.008

Norm

 1 ± 0.0 $k^* \text{ (GeV/c)}$