

# $\Lambda K^+$ Residuals

Decay Length					
Pair System	4 fm	5 fm	6 fm	10 fm	100 fm
3 Residuals					
$\Lambda K^+$	0.154	0.228	0.445	0.470	0.508
$\Sigma^0 K^+$	0.099				
$\Xi^0 K^+$	0.072				
$\Xi^- K^+$	0.069				
Other	0.558	0.484	0.267	0.242	0.204
Fakes	0.048				
10 Residuals					
$\Lambda K^+$	0.154	0.188	0.277	0.301	0.340
$\Sigma^0 K^+$	0.099				
$\Xi^0 K^+$	0.072				
$\Xi^- K^+$	0.069				
$\Sigma^{*+} K^+$	0.046				
$\Sigma^{*-} K^+$	0.042				
$\Sigma^{*0} K^+$	0.042				
$\Lambda K^{*0}$	0.039				
$\Sigma^0 K^{*0}$	0.035				
$\Xi^0 K^{*0}$	0.025				
$\Xi^- K^{*0}$	0.024				
Other	0.305	0.271	0.182	0.158	0.119
Fakes	0.048				

**Table 2:**  $\lambda$  values for the individual components of the  $\Lambda K^+$  correlation functions, assuming various maximum values of  $c\tau$  for parents systems to be considered primary, for the case of 3 and 10 residual contributions.