Mass distribution for Λ^0 with vertex cut and mass cut

h_l0_m_masscut2	
χ^2 / ndf	10244.868 / 492
Const (inner)	18257.027 ± 34.729
Mean (inner)	1.1157745 ± 0.0000035
Sigma (inner)	0.0022347367 ± 0.0000047901
Const (outer)	1611.1307 ± 17.4727
Mean (outer)	1.1159335 ± 0.0000198
Sigma (outer)	0.0077241771 ± 0.0000349536

$\overline{P}$ANDA

MC simulation

counts

m/GeV/c^2