

Ein paar Tests zur Likelihood Methode

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Benutze Prommes Analyse für 2008W35 in folgenden Bins:

- ▶ Kaon aus Multiplicity und Likelihood (52%)
- ▶ Kaon nur aus Likelihood (41%)
- ▶ Kaon nur aus Multiplicity (7%)

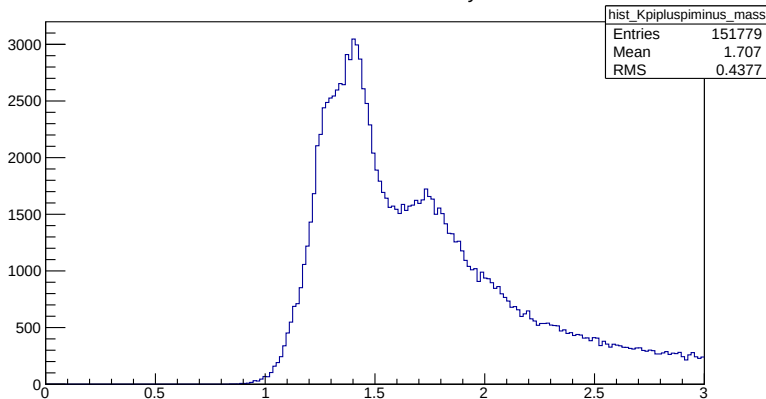
Betrachte folgende Dinge:

- ▶ Invariante Massen
- ▶ Vertexverteilungen
- ▶ PWA

Invariante Masse $K\pi\pi$

Kaon beide

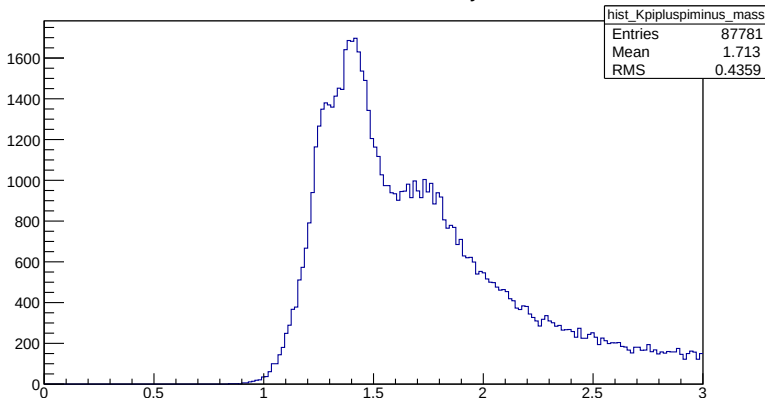
invariant mass of $K^- \pi^- \pi^+$ system



Invariante Masse $K\pi\pi$

Kaon Likelihood

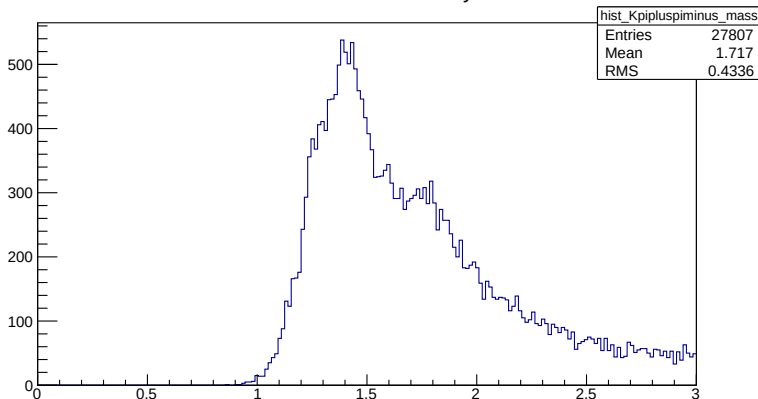
invariant mass of $K^- \pi^- \pi^+$ system



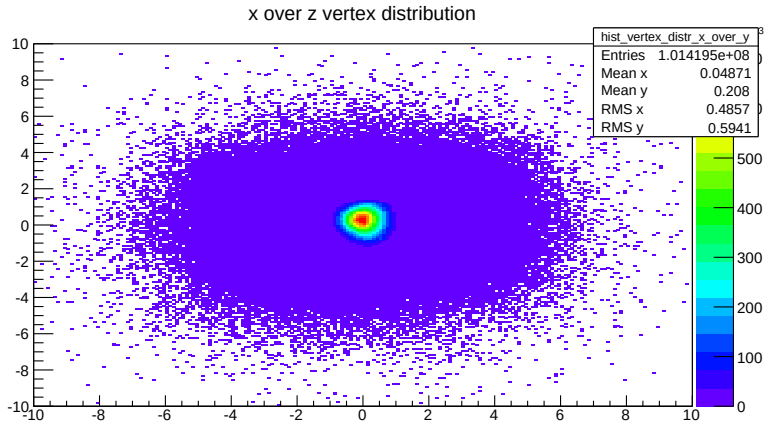
Invariante Masse $K\pi\pi$

Kaon Multiplicity

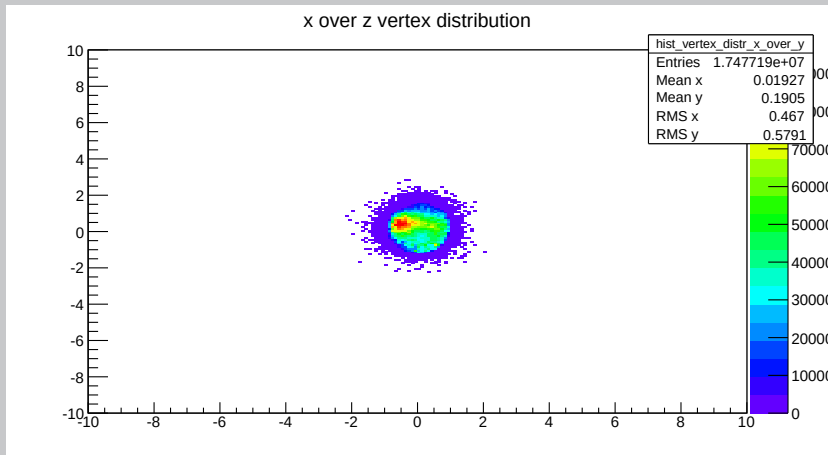
invariant mass of $K^- \pi^- \pi^+$ system



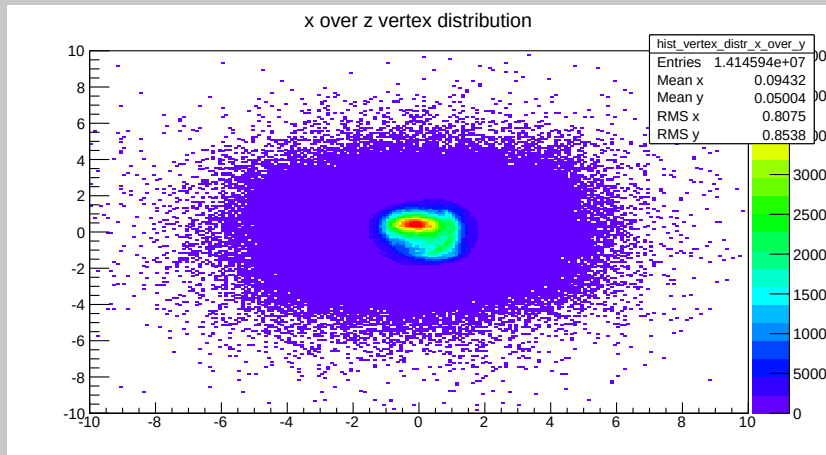
Kaon beide



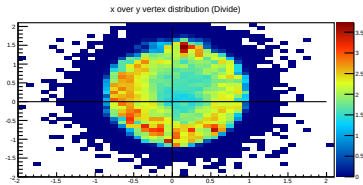
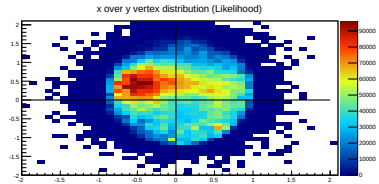
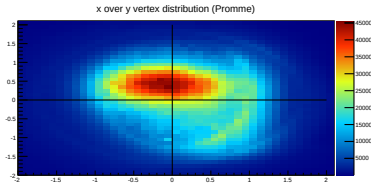
Kaon Likelihood



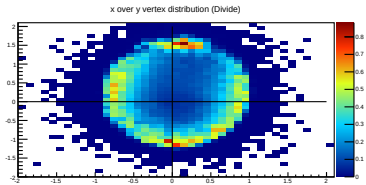
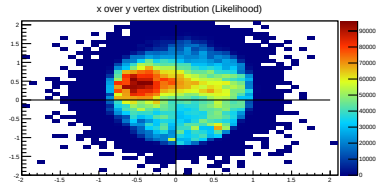
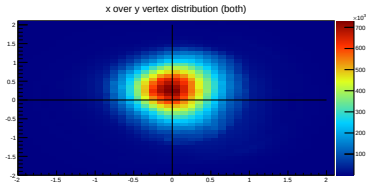
Kaon Multiplicity



Likelihood vs. Multiplicity

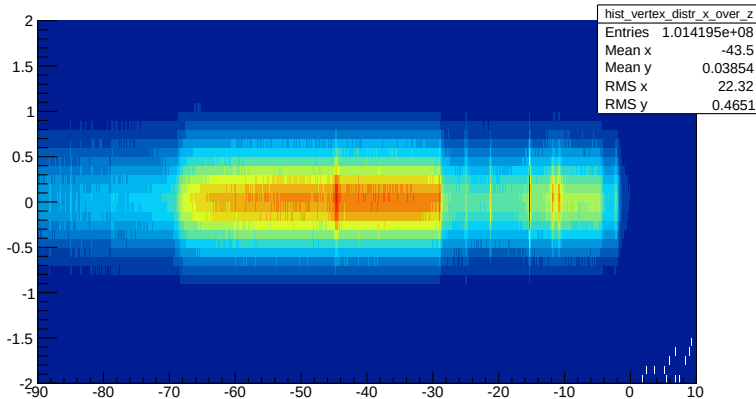


Likelihood vs. beide

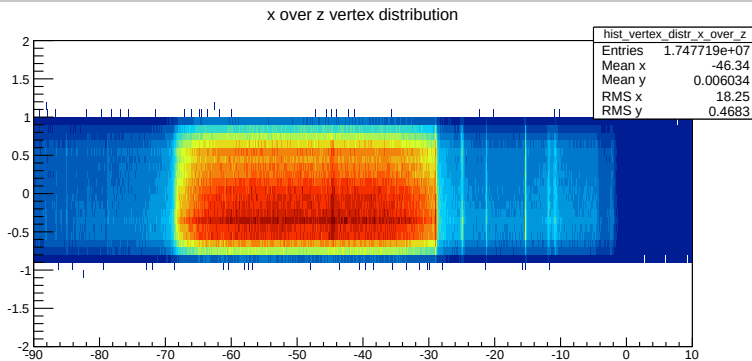


Kaon beide

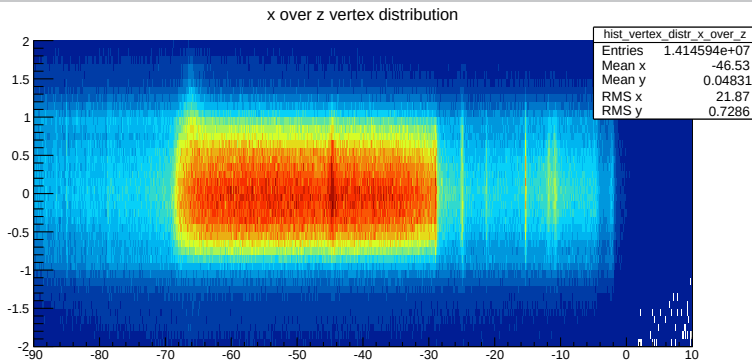
x over z vertex distribution



Kaon Likelihood



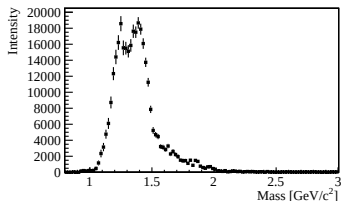
Kaon Multiplicity



PWA - $1^+0^+[K^*(892)\pi]S$

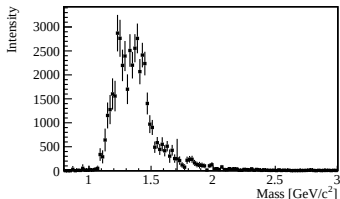
Kaon beide

1-1++0+Kstar8920_01_pi-.amp



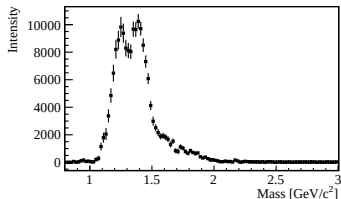
Kaon Promme

1-1++0+Kstar8920_01_pi-.amp



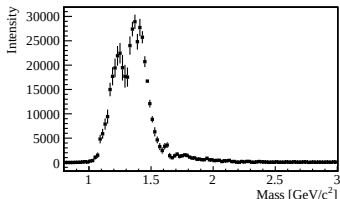
Kaon Like

1-1++0+Kstar8920_01_pi-.amp kstar8920_01_pi-.amp



Promme original

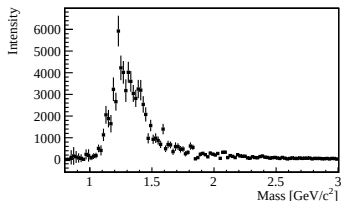
1-1++0+Kstar8920_01_pi-.amp kstar8920_01_pi-.amp



PWA - $1-1^+[K^*(892)\pi]P$

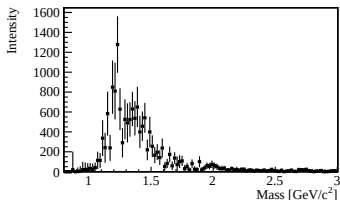
Kaon beide

1-1-+1+Kstar8920_11_pi-.amp Kstar8920_11_pi-.amp



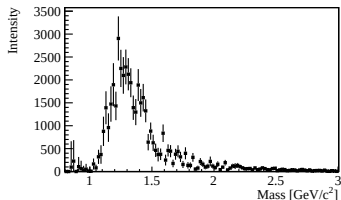
Kaon Promme

1-1-+1+Kstar8920_11_pi-.amp



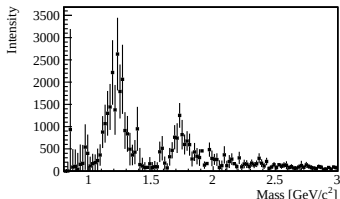
Kaon Like

1-1-+1+Kstar8920_11_pi-.amp



Promme original

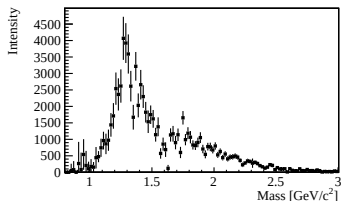
1-1-+1+Kstar8920_11_pi-.amp



PWA - $2^{-}0^{+}[f_2(1270)K]S$

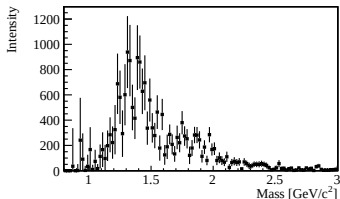
Kaon beide

1-2+0+f21270_02 K-amp



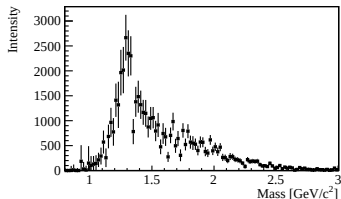
Kaon Promme

1-2+0+f21270_02 K-amp



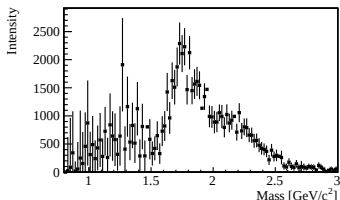
Kaon Like

1-2+0+f21270_02 K-amp



Promme original

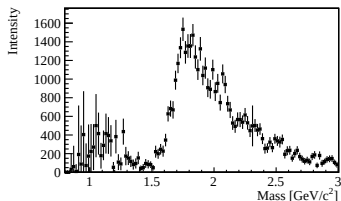
1-2+0+f21270_02 K-amp



PWA - $2^{-}0^{+}[\text{K}_2^{*}(1270)\pi]\text{S}$

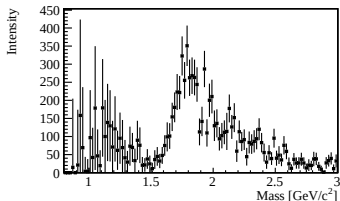
Kaon beide

1-2+0+Kstar214300_02_pi-.amp



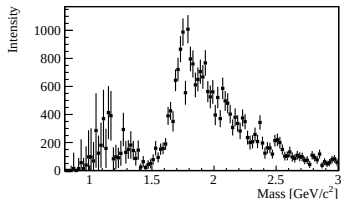
Kaon Promme

1-2+0+Kstar214300_02_pi-.amp



Kaon Like

1-2+0+Kstar214300_02_pi-.amp



Promme original

1-2+0+Kstar214300_02_pi-.amp

