

$K^+K^-\pi^0$ update

Recent PWA

Included waves

- Uniform background

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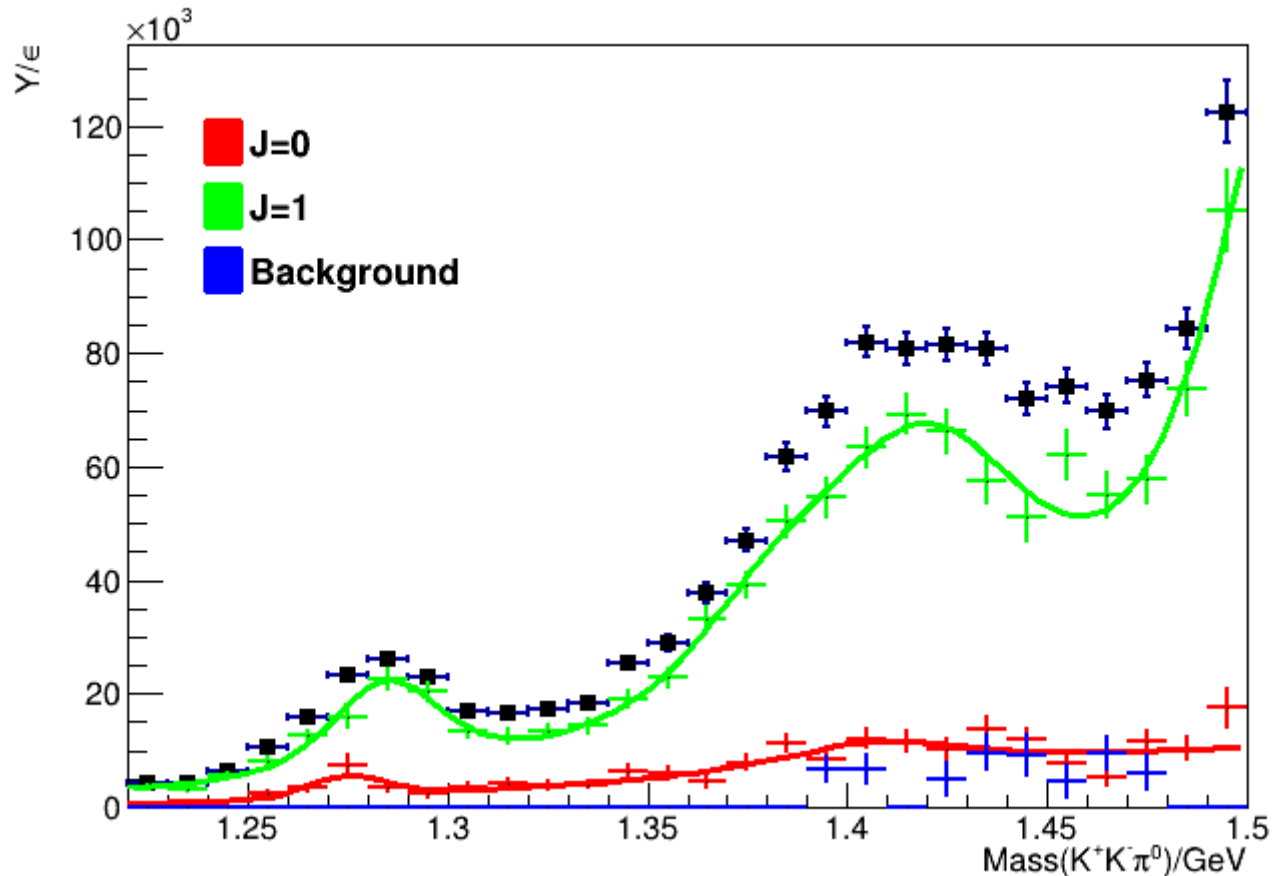
- Uniform background
- $J = 0$:
 - $a_0\pi^0$
 - $K^{*+}K^-$
 - $K^{*-}K^+$

Included waves

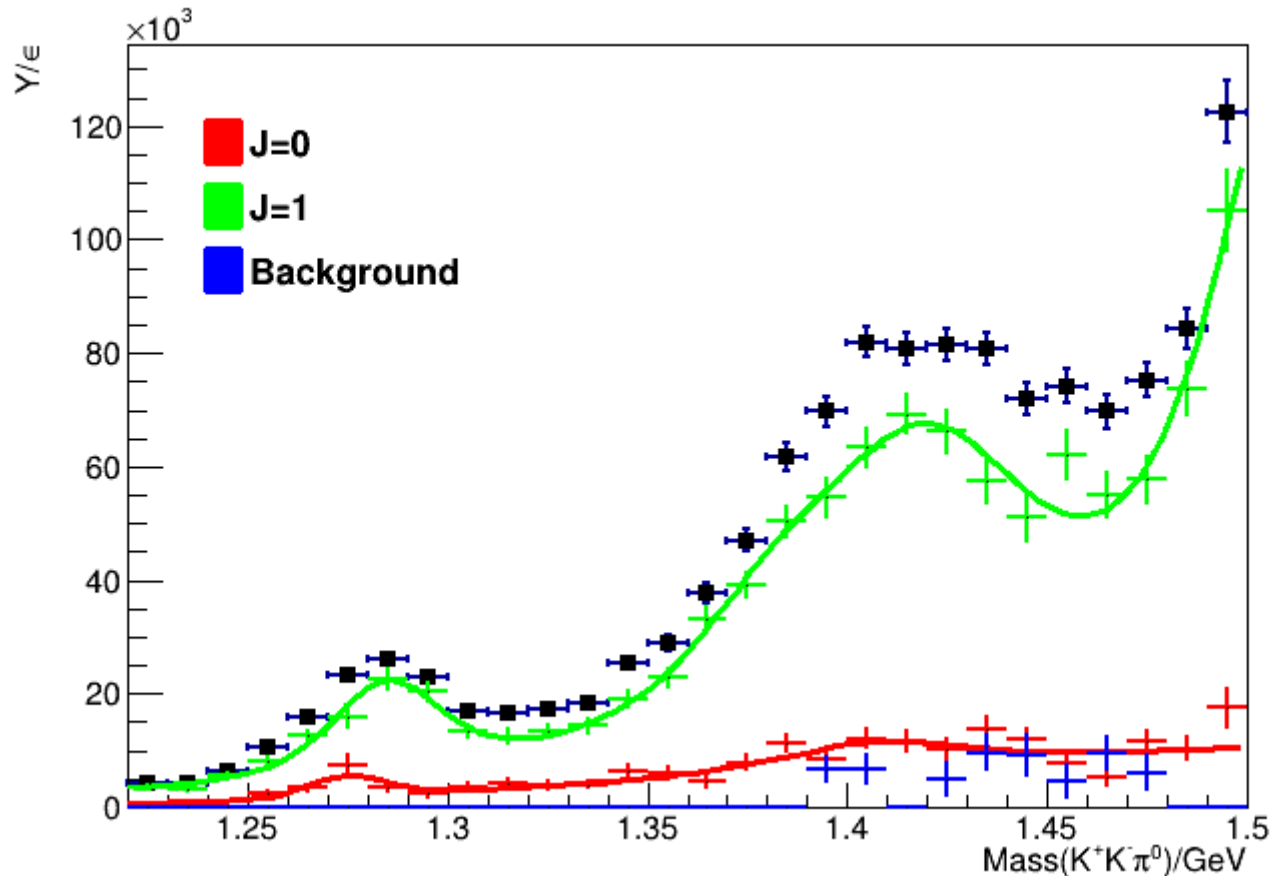
- Uniform background
- $J = 0$:
 - $a_0\pi^0$
 - $K^{*+}K^-$
 - $K^{*-}K^+$
- $J = 1$:
 - $a_0\pi^0$
 - $K^{*+}K^-$ ($L=0$, and $L=1$)
 - $K^{*-}K^+$ ($L=0$, and $L=1$)

PWA Results for $J = 0, 1$ and background

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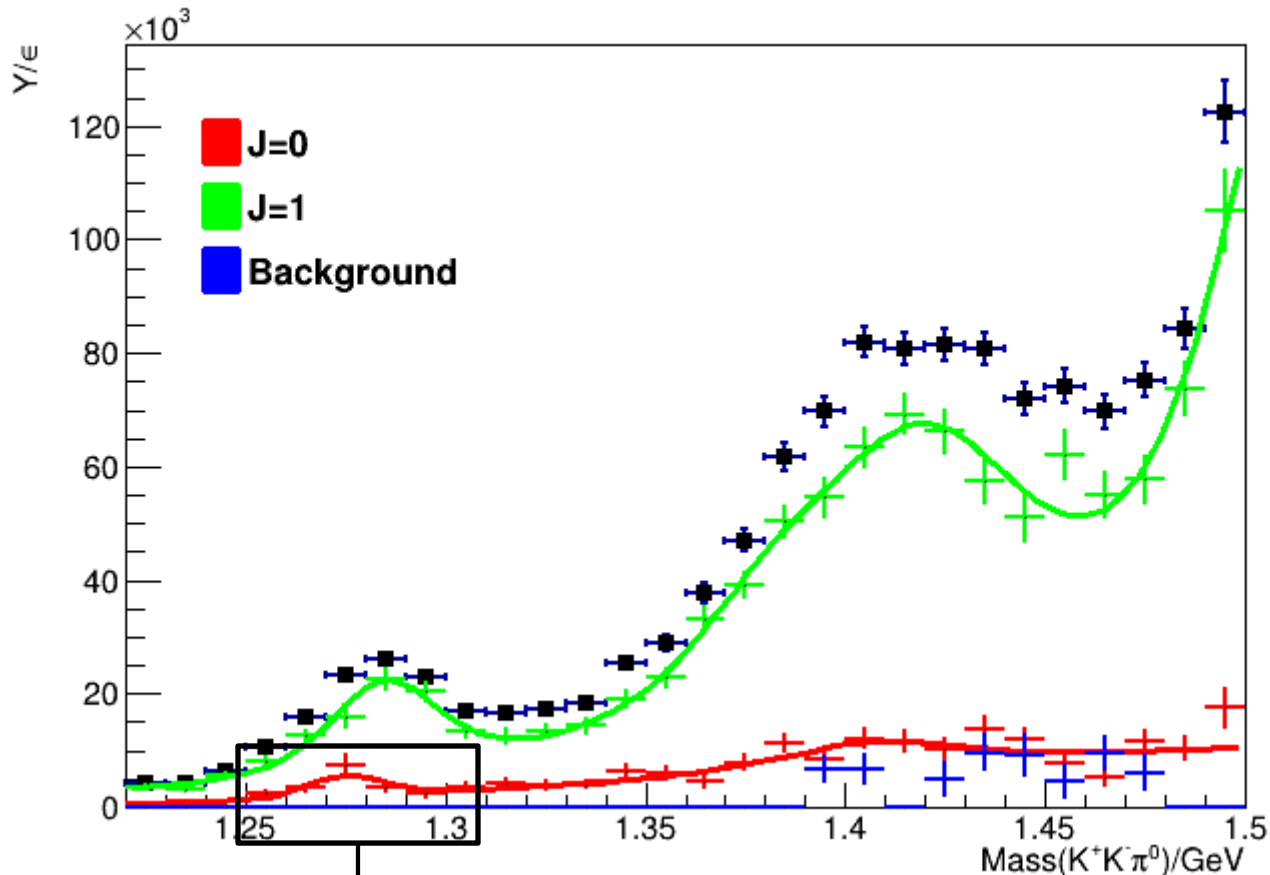


PWA Results for $J = 0, 1$ and background



- Strong vector-meson dominance

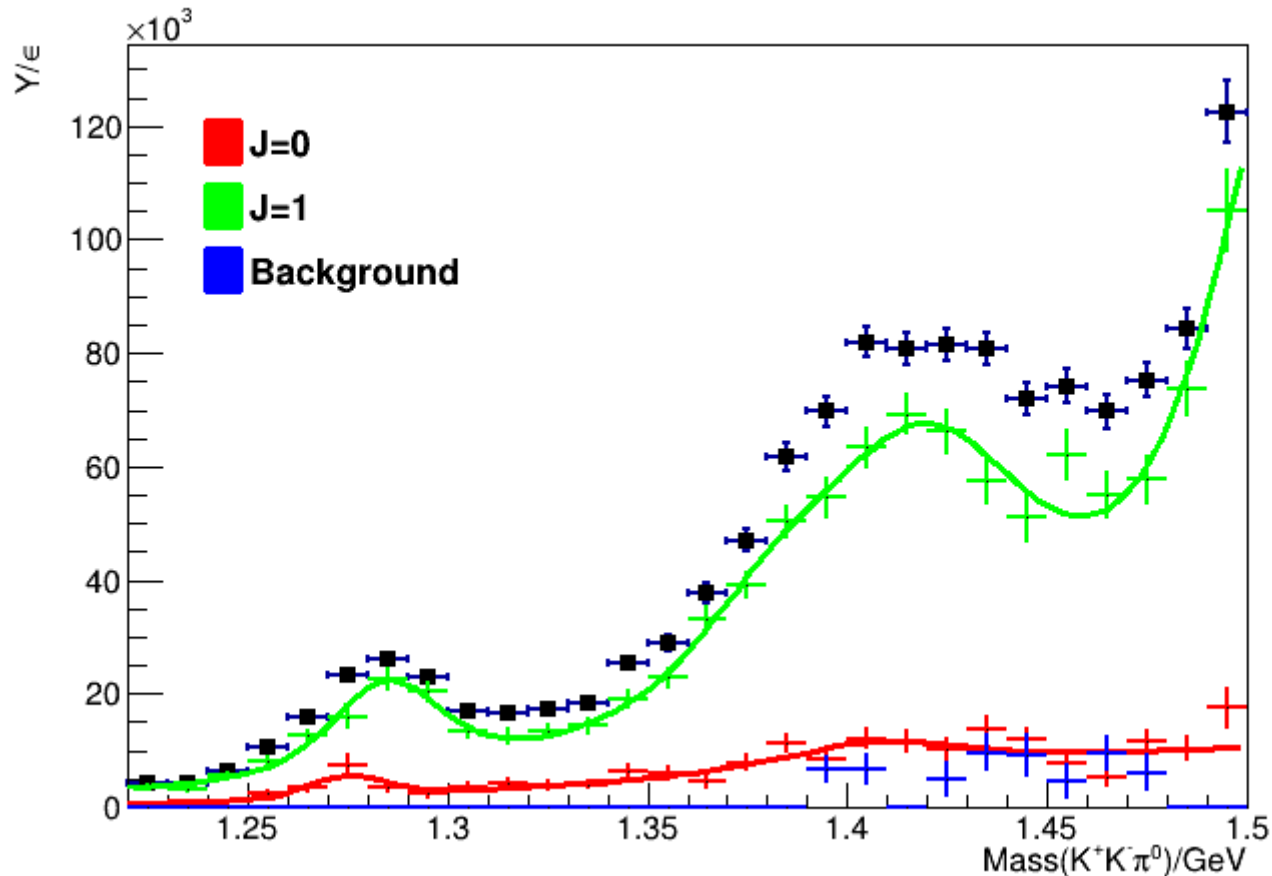
PWA Results for $J = 0, 1$ and background



Probably leakage from $J=1$

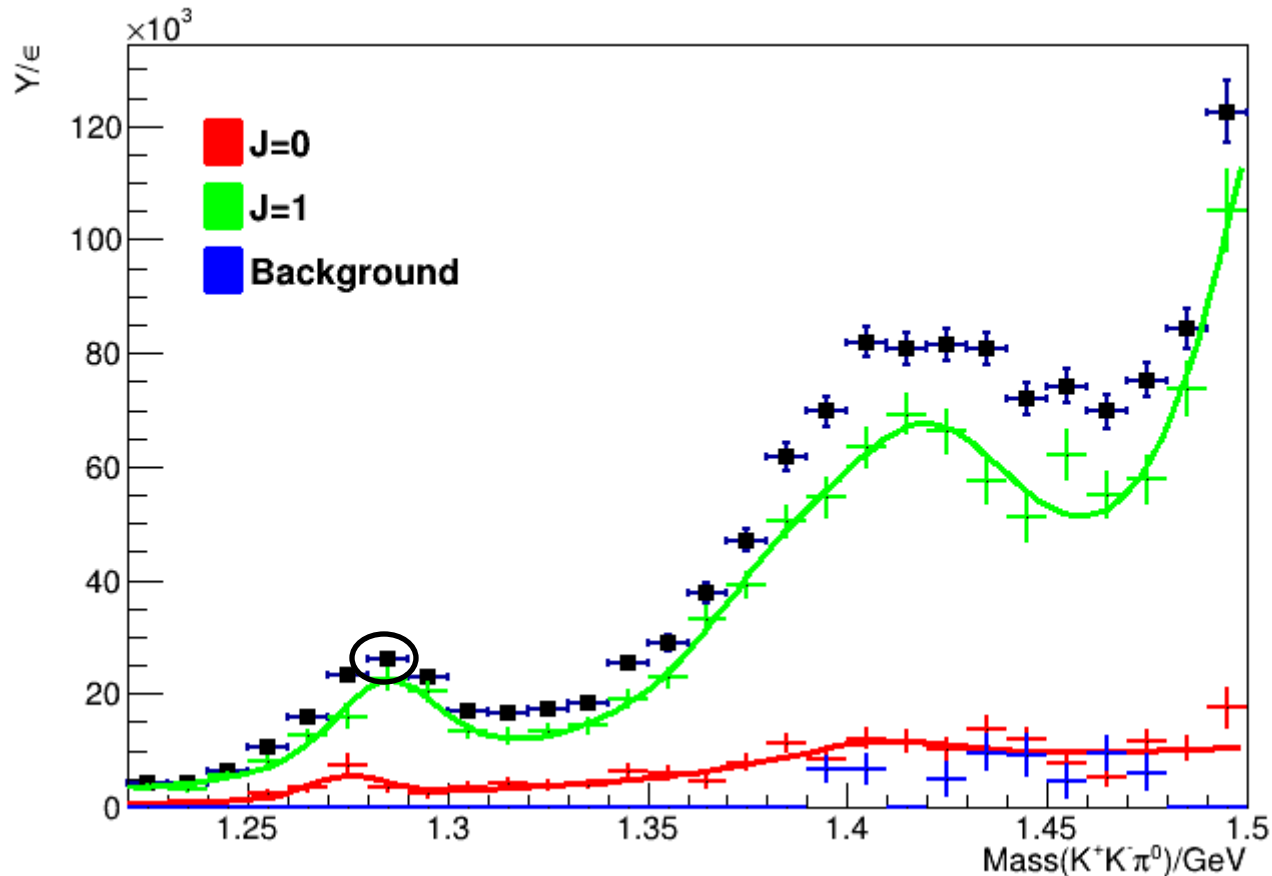
PWA Results for $J = 0, 1$ and background

Isobar fit results



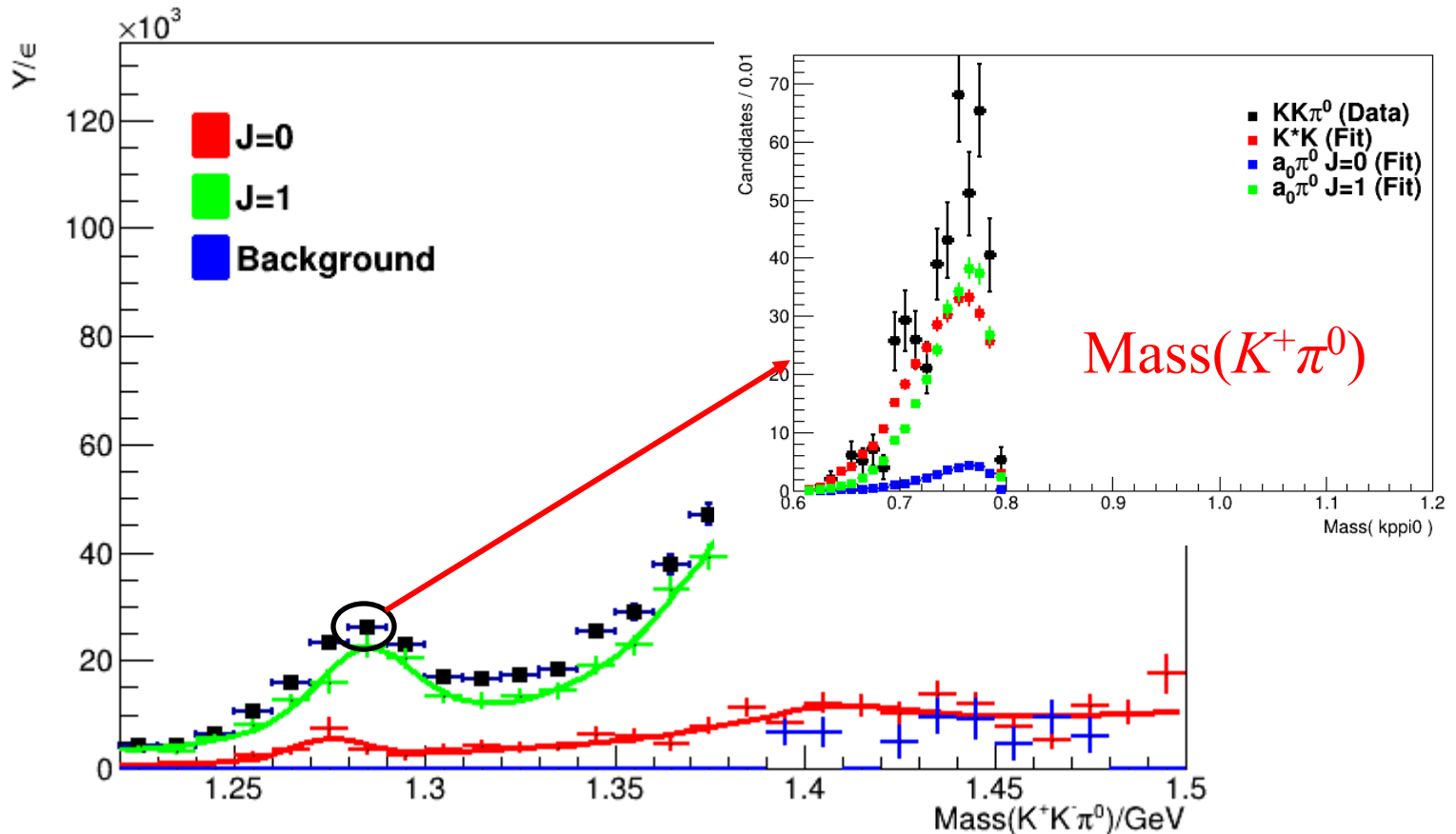
PWA Results for $J = 0, 1$ and background

Isobar fit results



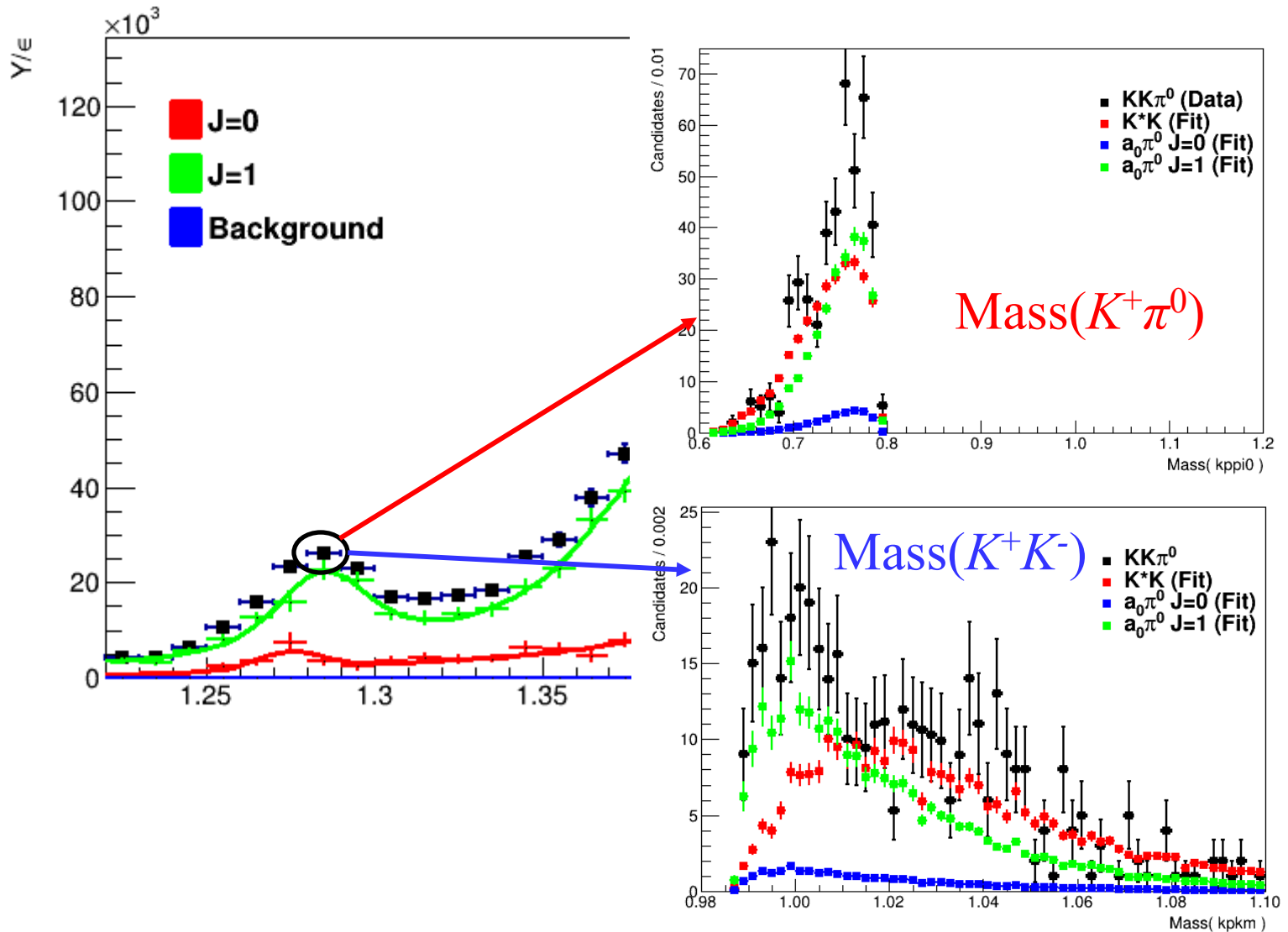
PWA Results for $J = 0, 1$ and background

Isobar fit results



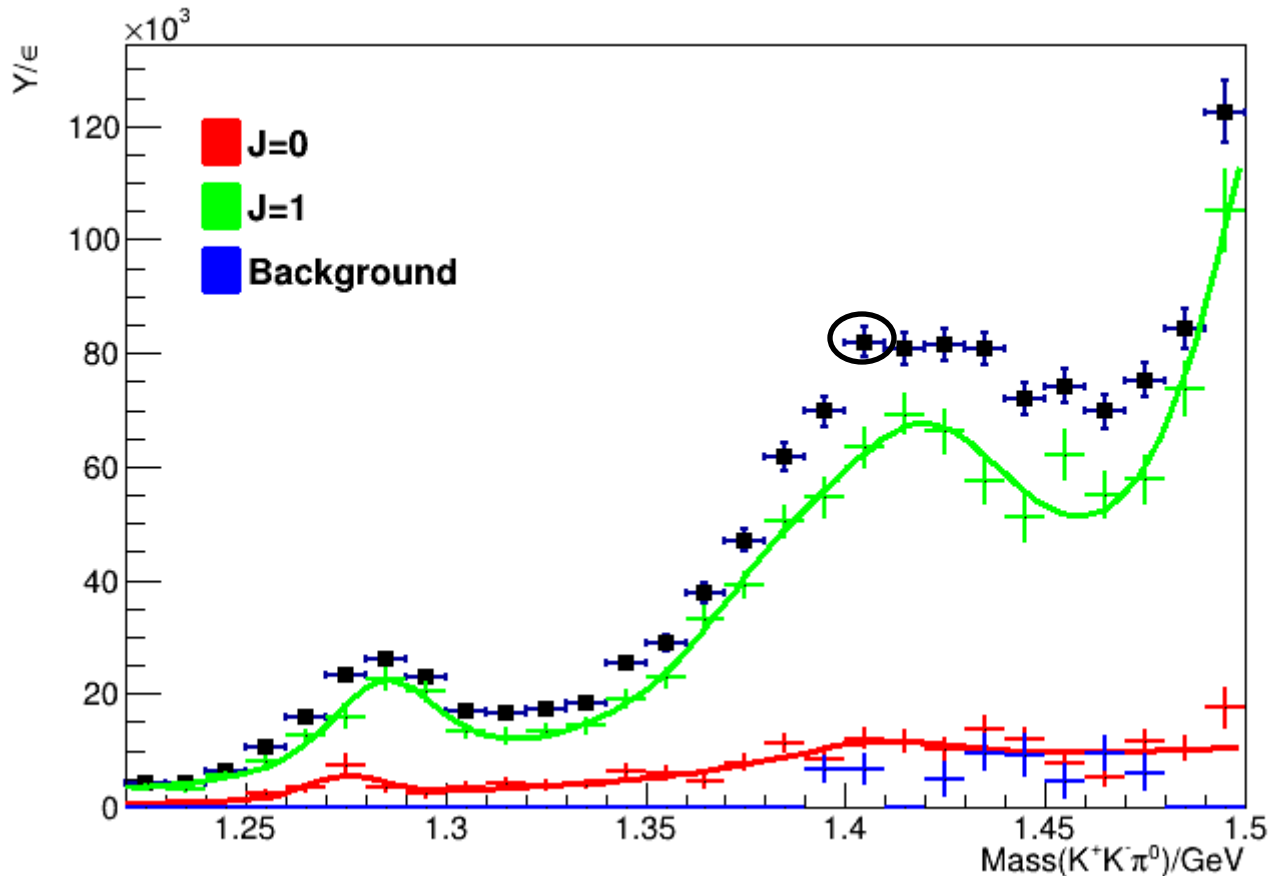
PWA Results for $J = 0, 1$ and background

Isobar fit results



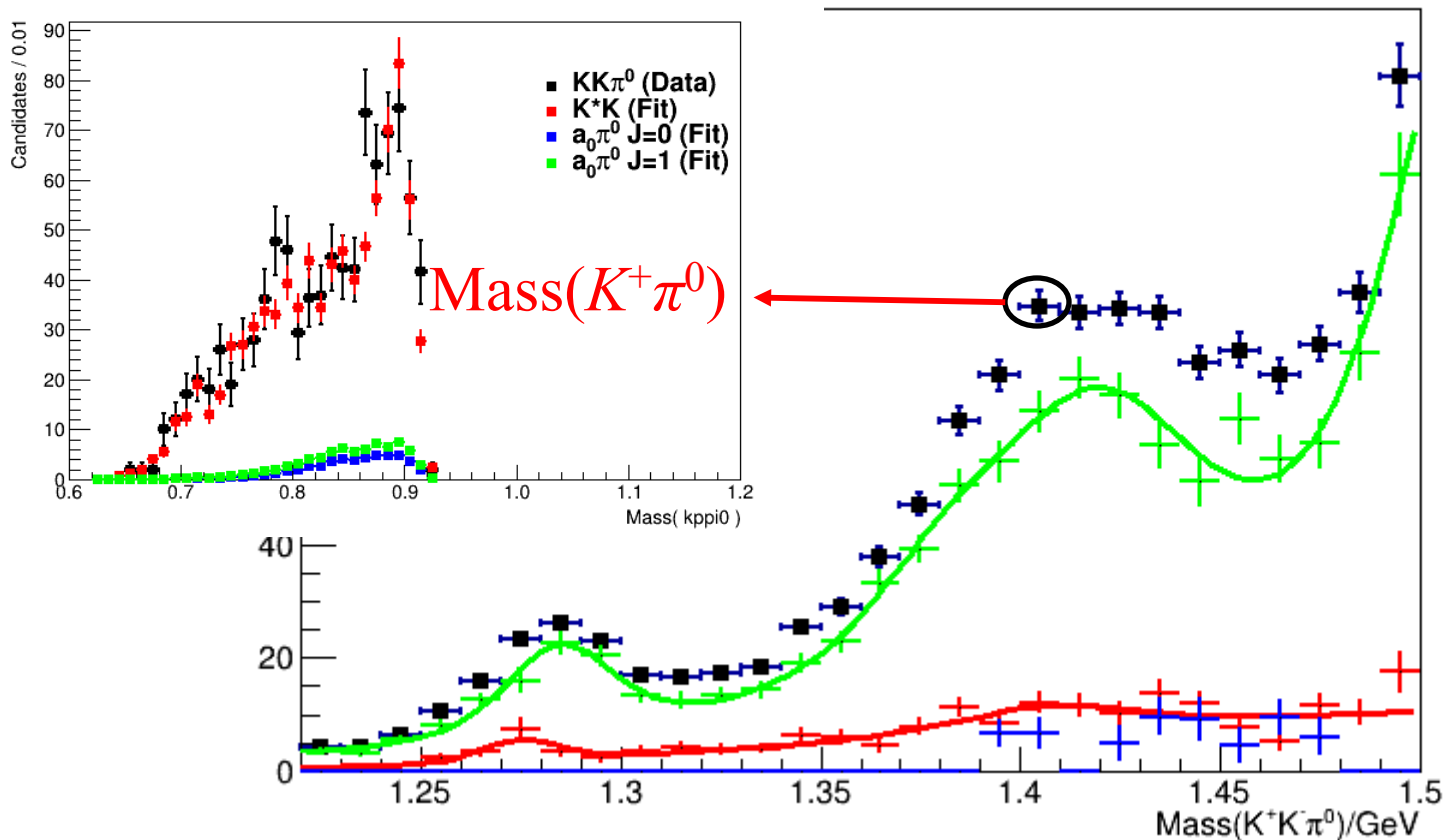
PWA Results for $J = 0, 1$ and background

Isobar fit results



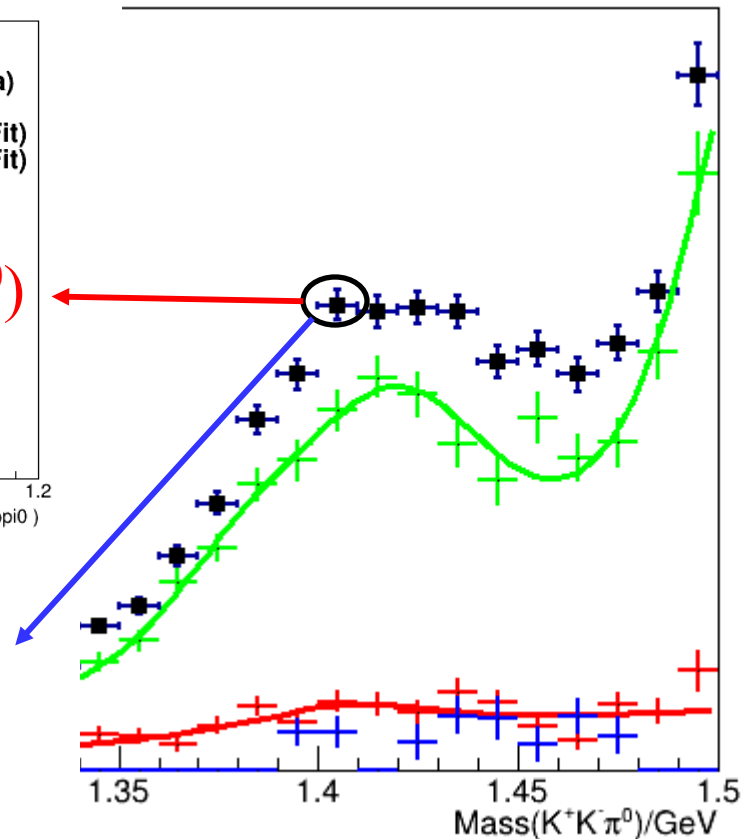
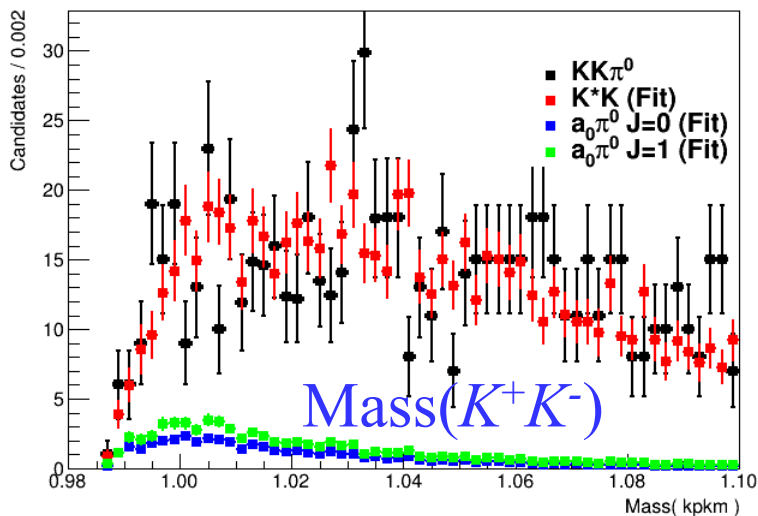
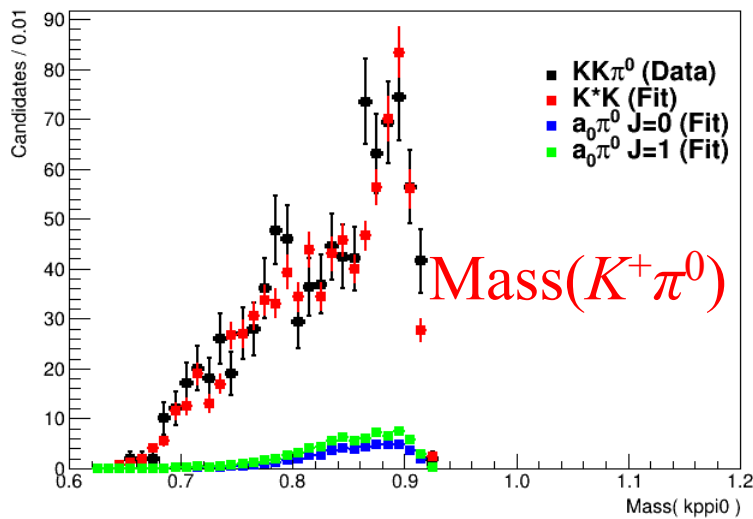
PWA Results for $J = 0, 1$ and background

Isobar fit results



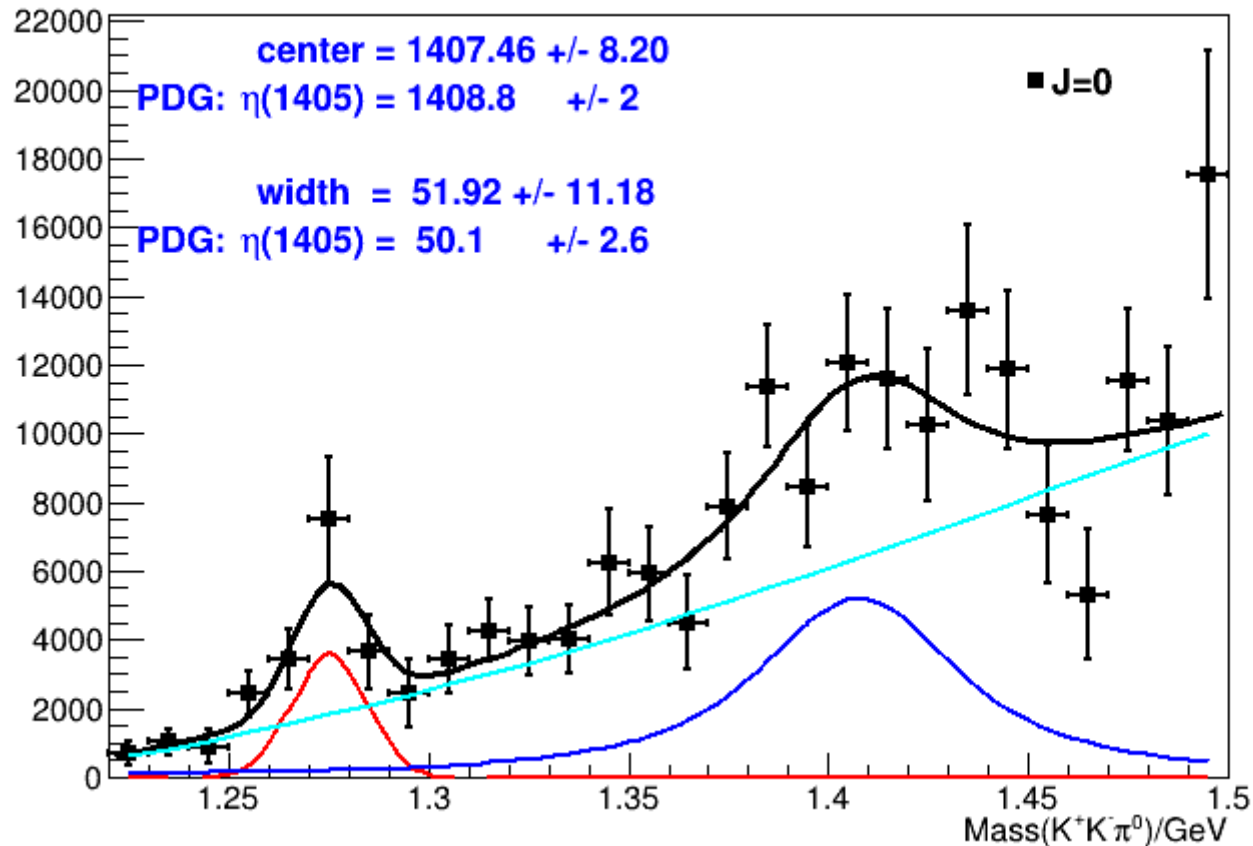
PWA Results for $J = 0, 1$ and background

Isobar fit results

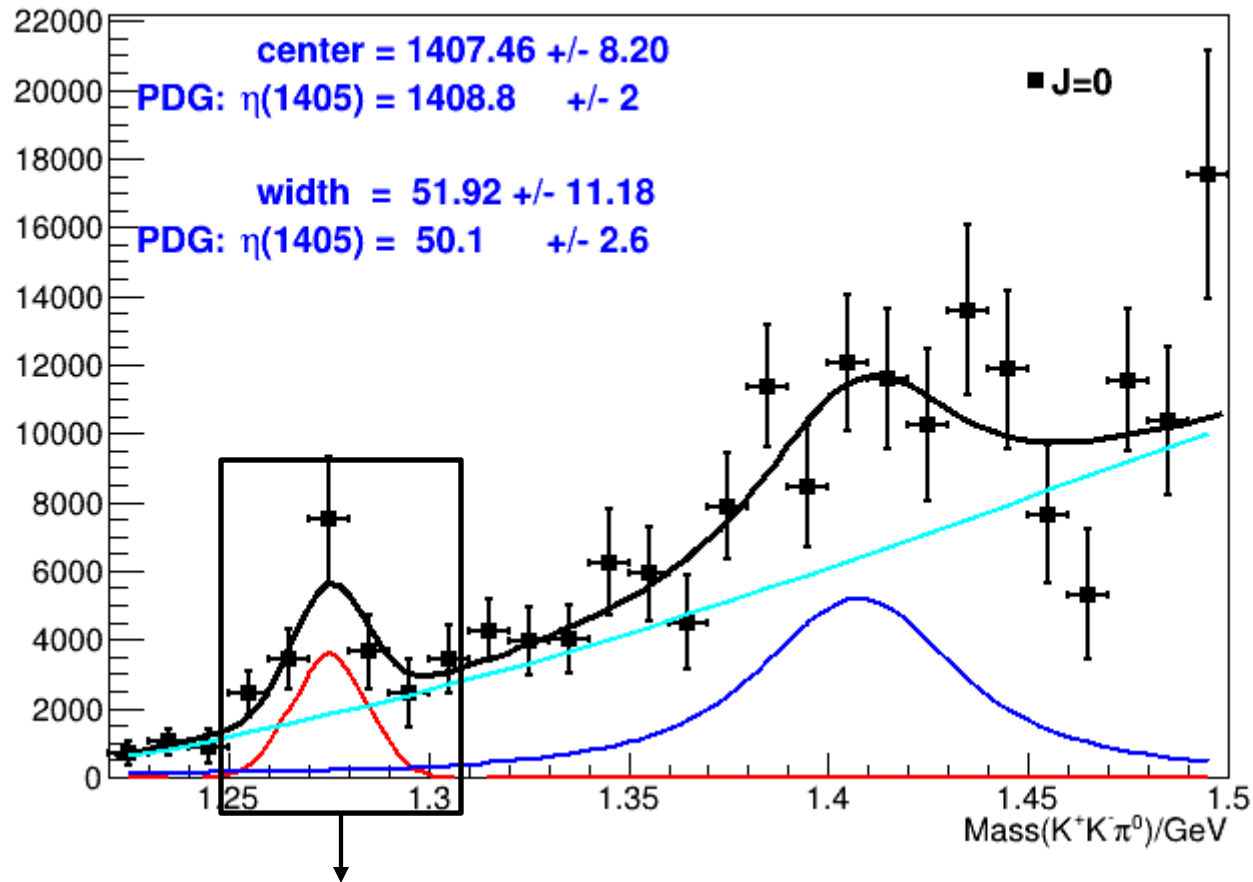


PWA Results for $J = 0$

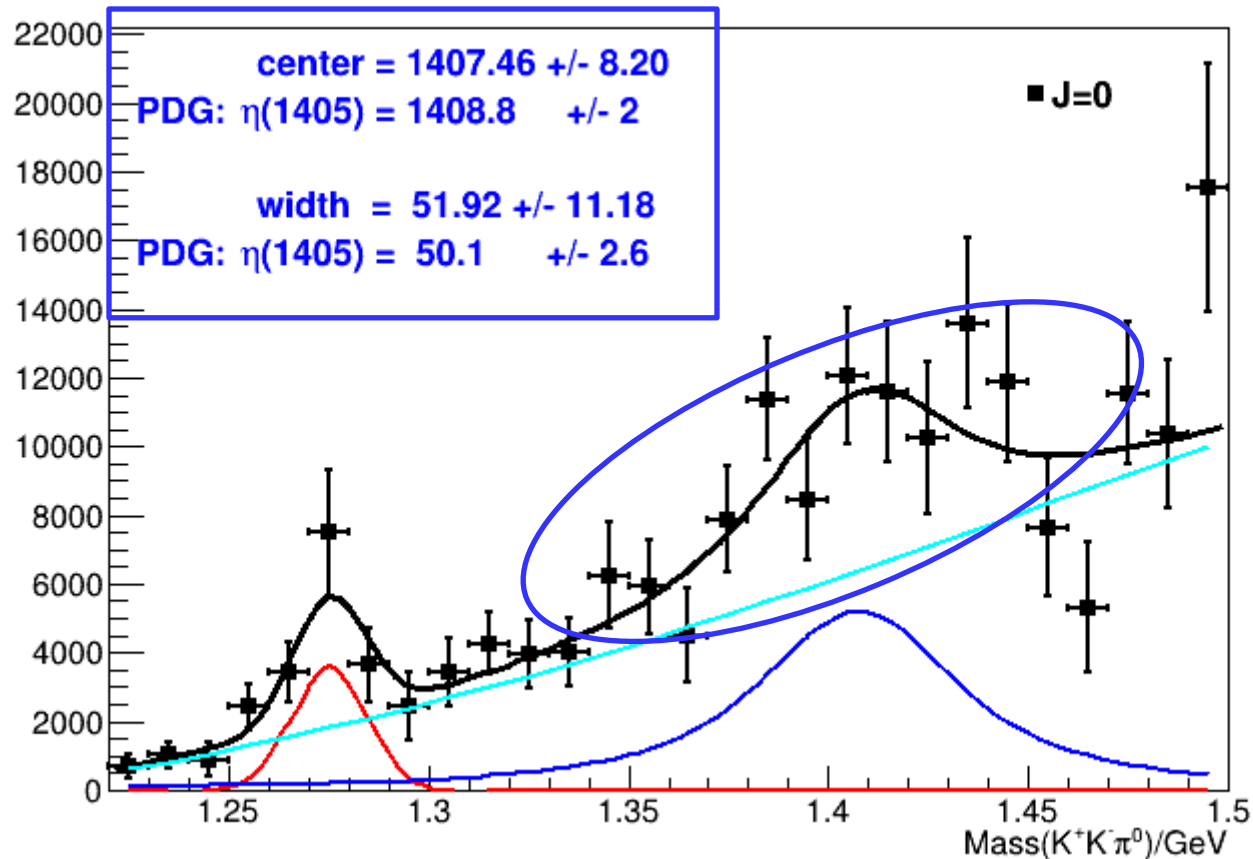
PWA Results for $J = 0$



PWA Results for $J = 0$



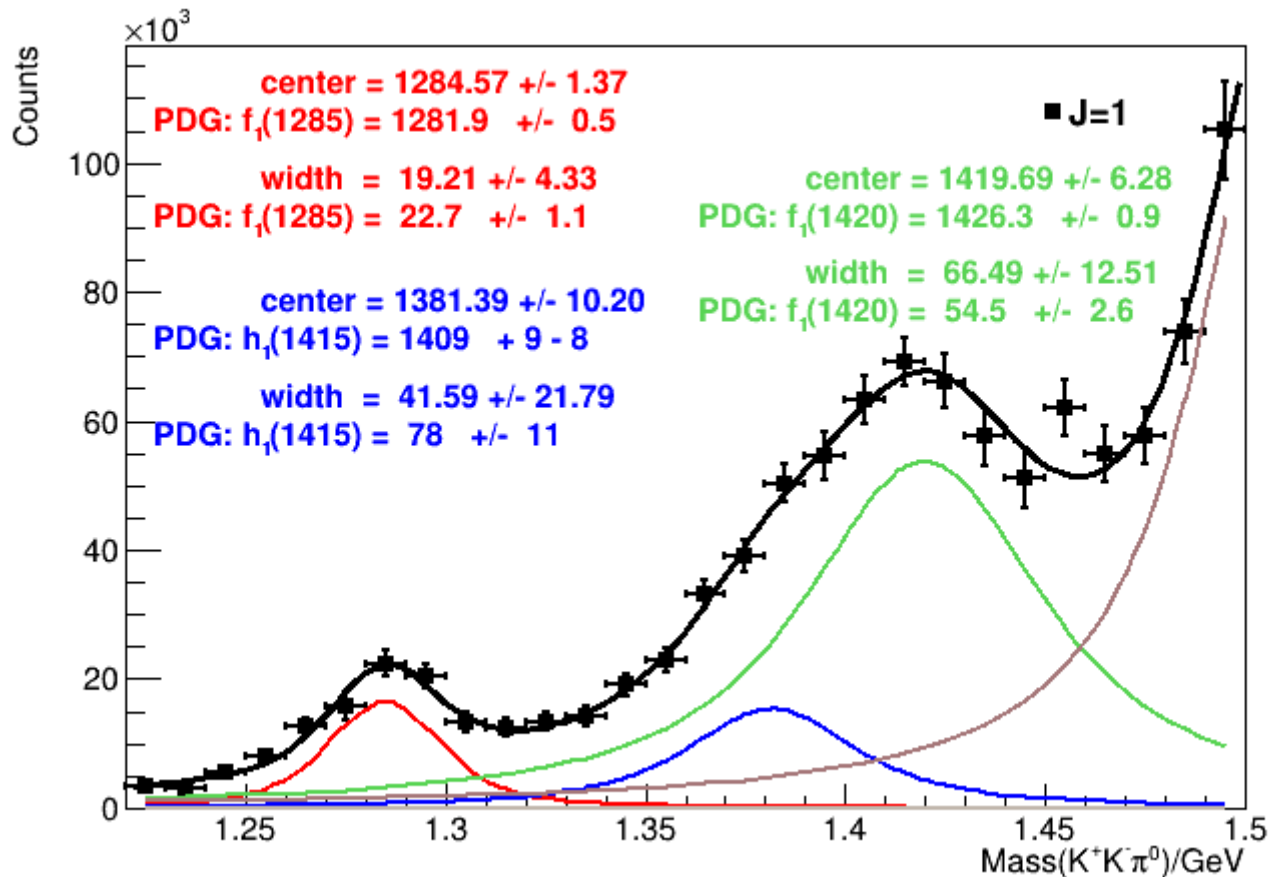
PWA Results for $J = 0$



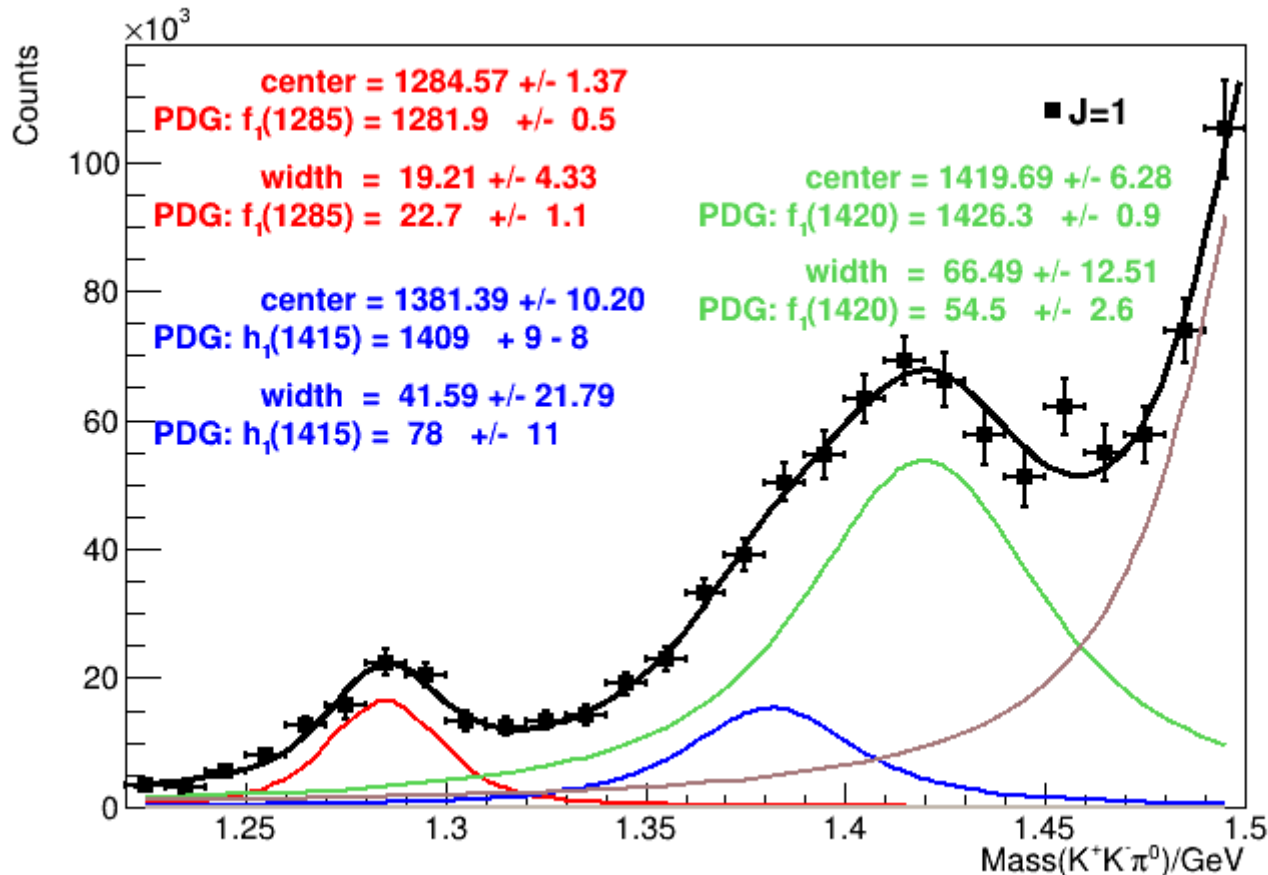
- The $\eta(1405)$ looks reasonable

PWA Results for $J = 1$

PWA Results for $J = 1$

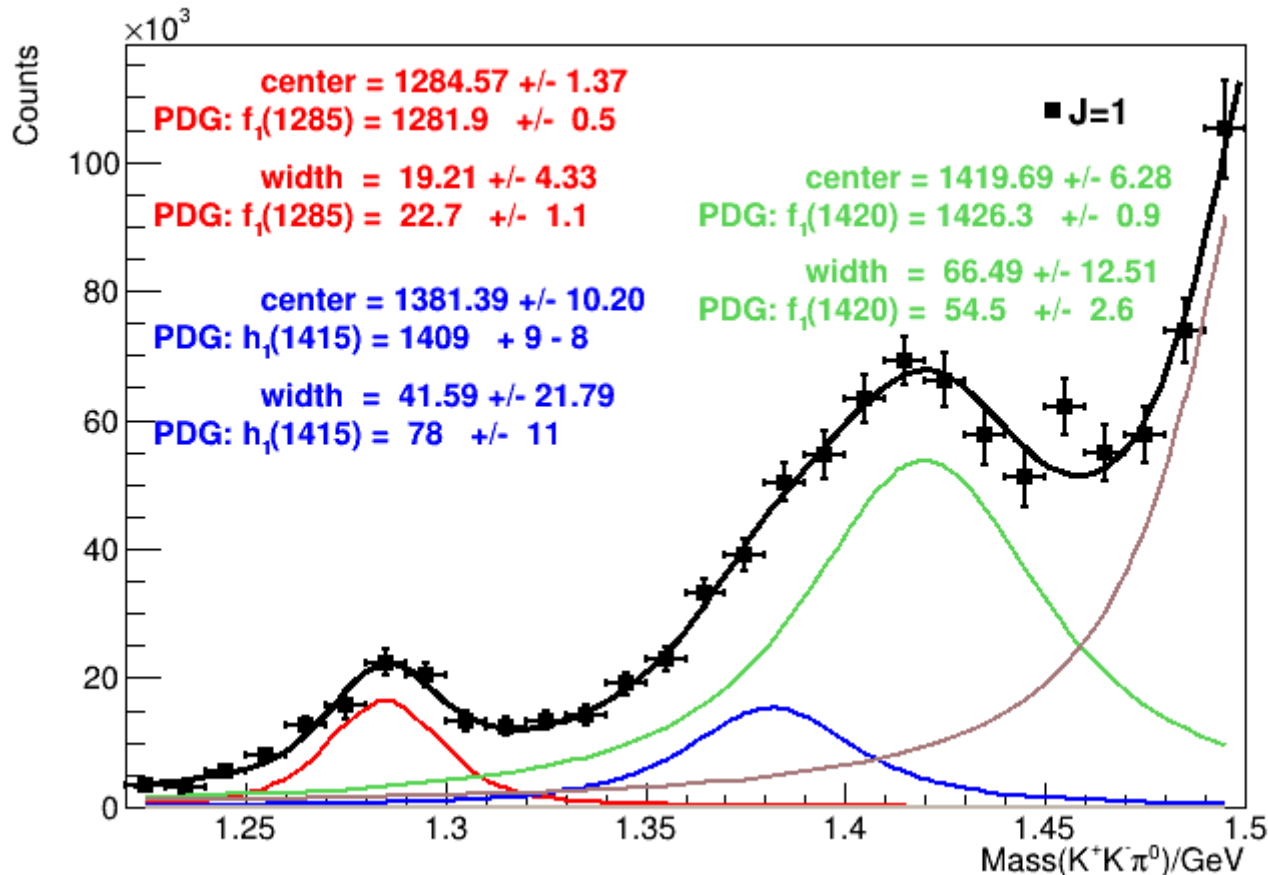


PWA Results for $J = 1$



- Each of the f_1 states are close to PDG values

PWA Results for $J = 1$



- Each of the f_1 states are close to PDG values
- Note: The most recent BESIII has $\text{mass}(h_1) = 1384 \pm 6 \begin{matrix} +9 \\ -0 \end{matrix}$
 and width = $66 \pm 10 \begin{matrix} +12 \\ -10 \end{matrix}$

Title

