Legend:
- $\pi^- n \leftrightarrow \Delta^-$
- $3 \times (\pi^- p \leftrightarrow \Delta^0)$
- $3/2 \times (\pi^0 n \leftrightarrow \Delta^0)$
- $3/2 \times (\pi^0 p \leftrightarrow \Delta^+)$
- $3 \times (\pi^+ n \leftrightarrow \Delta^+)$
- $\pi^+ p \leftrightarrow \Delta^{++}$
- 10 %

y-axis (top): $\frac{dN_{react}}{dM_{inv}dt}$ $[GeV^{-1} \, fm^{-1}]$

y-axis (middle): $\frac{\frac{dN_{react}}{dM_{inv}dt}^{\blacktriangledown} - \frac{dN_{react}}{dM_{inv}dt}^{\blacktriangle}}{\frac{dN_{react}}{dM_{inv}dt}^{\blacktriangle}}$

x-axis: M_{inv}, GeV

20 events
SMASH code: SMASH-1.6
SMASH analysis: SMASH-1.6ana
time $10 < t < 200$ fm/c

y-axis (bottom): $N_{react} / \langle N_{isospin\ group} \rangle$

Legend (bottom): SMASH-1.5   SMASH-1.6

x-axis labels (bottom): $\pi^- n \leftrightarrow \Delta^-$; $3 \times (\pi^- p \leftrightarrow \Delta^0)$; $3/2 \times (\pi^0 n \leftrightarrow \Delta^0)$; $3/2 \times (\pi^0 p \leftrightarrow \Delta^+)$; $3 \times (\pi^+ n \leftrightarrow \Delta^+)$; $\pi^+ p \leftrightarrow \Delta^{++}$