\[ |E| = a \exp(\gamma t) \]

\[ \gamma / \omega_{ci} = 0.405 \text{ (WHAMP)} \]

**TWO-STREAM INSTABILITY**

\[ n = a \exp(\gamma t) \]

\[ \gamma / \omega_{ci} = -0.288 \text{ (WHAMP)} \]

**LANDAU DAMPING**