\[
\begin{align*}
\text{Li}^5 + \text{He}^3 & \rightarrow 3.687 \\
\text{He}^4 + \text{He}^3 + p & \rightarrow 1.722 \\
\text{Be}^7 + p & \rightarrow 0.135
\end{align*}
\]

- \(2m_0c^2\) is a correction factor.

- The energy levels and transitions are depicted with the following values:
  - \(-17.979\) for \(\text{Be}^8\)
  - \(-1.975\) for \(\text{Li}^6 + \text{He}^3 - n\)
  - \(2.9\) and \(16.6\) for energy levels
  - \(2^+\) and \(2^+\) for nuclear states
  - \(\beta^+\) for a beta particle
  - \(0.78\) and \(2.17\) for energy differences

- The diagram shows a vertical scale with energy levels, transitions, and particle interactions.