Event yield as a function of $m_T$ (in TeV) for the CMS 3T region, with data and Bkg.-only post-fit compared to the signal $T \rightarrow tZ, m_T = 0.7$ TeV.

- **Data**: Black points with error bars.
- **Bkg.-only post-fit**: Blue shaded region.
- **Signal**: Red dashed line.

The CMS data is presented in bins of $m_T$, with a peak observed at approximately 0.7 TeV.