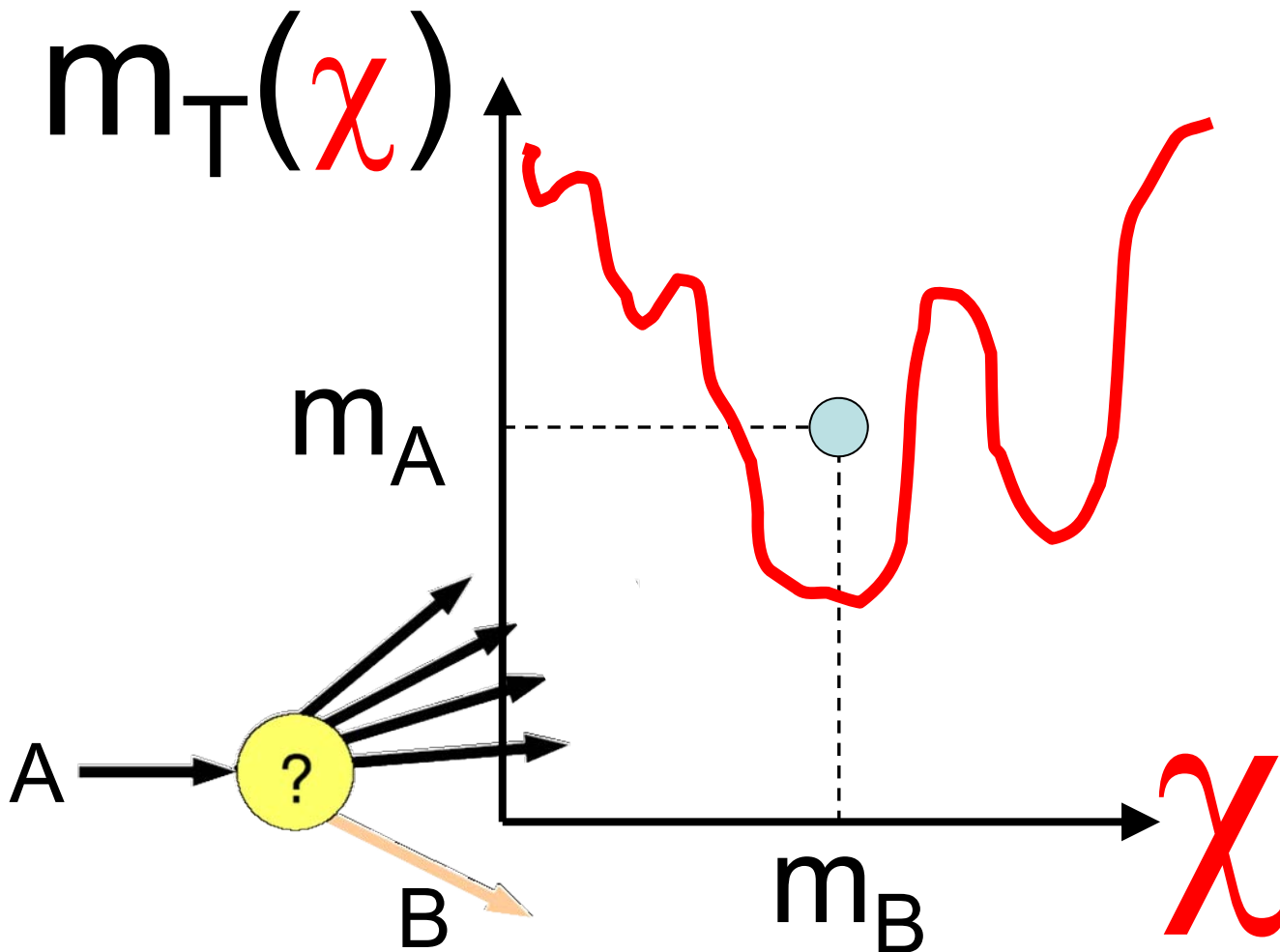


Schematically, all we have guaranteed so far is the picture below:



- Since “ χ ” can now be “wrong”, some of the properties of the transverse mass can “break”:
- $m_T(\chi)$ max is no longer invariant under transverse boosts! (except when $\chi = m_B$)
- $m_T(\chi) < m_A$ may no longer hold! (however we always retain: $m_T(m_B) < m_A$)