

Outcome:

- m_{Big} provides the **first potentially-useful event-by-event upper bound for m_A**
 - (and a corresponding event-by-event upper bound for m_B called $m_{\chi_{\text{UB}}}$)
- m_{Small} provides a **new kind of event-by-event lower bound for m_A** which incorporates consistency information with the dilepton edge
- **m_{Big} is always reliant on SPT** (large recoil of interesting system against “up-stream momentum”) – cannot ignore recoil here!