

What might M_{eff} peak position correlate with?

Define SUSY scale:

$$M_{\text{susy}}^{\text{eff}} = \left(M_{\text{susy}} - \frac{M_{\chi}^2}{M_{\text{susy}}} \right), \text{ with } M_{\text{SUSY}} \equiv \frac{\sum_i M_i \sigma_i}{\sum_i \sigma_i}$$