

So we want to search for this...

• Large MET search have ruled out many areas of parameter space.

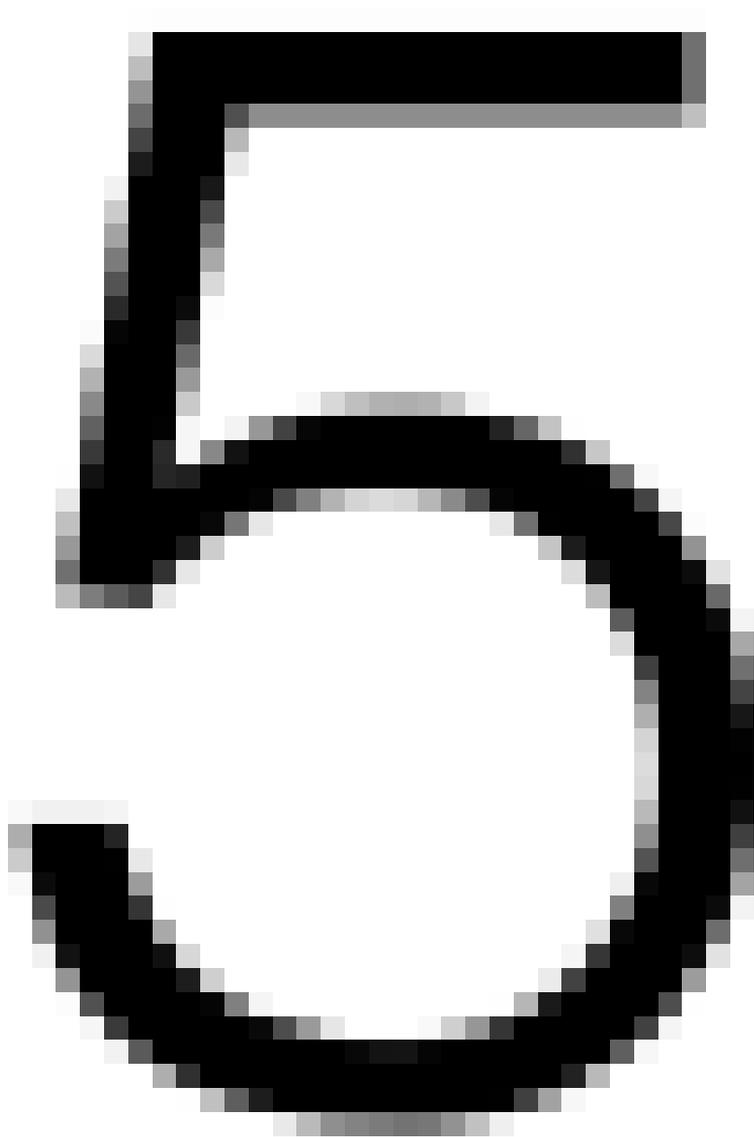
- How about scenario for Lightest Supersymmetric Particle (LSP) production with low MET.

- Idea: What if LSP is Singlino \rightarrow SUSY counterpart of singlet Higgs?

- Consider $NLSP \rightarrow LSP + X$ decay, where X decays into Standard Model particles.

- If $M_X \approx M_{N_{LSP}}$ then LSP will carry little momentum, giving small MET signal

[3].



So we want to search for this...

• Large MET search have ruled out many areas of parameter space.

• How about scenarios for Lightest Supersymmetric Particle (LSP) production

withrionwmmnneeT.

• Consider NLSF \rightarrow LSF + X decays into Standard Model

particles.

[3].

• If $M_x \approx M_{N_{LSP}}$ then LSP will carry little momentum, giving small MET signal

So we want to search for this...

