

Long-lived Stau

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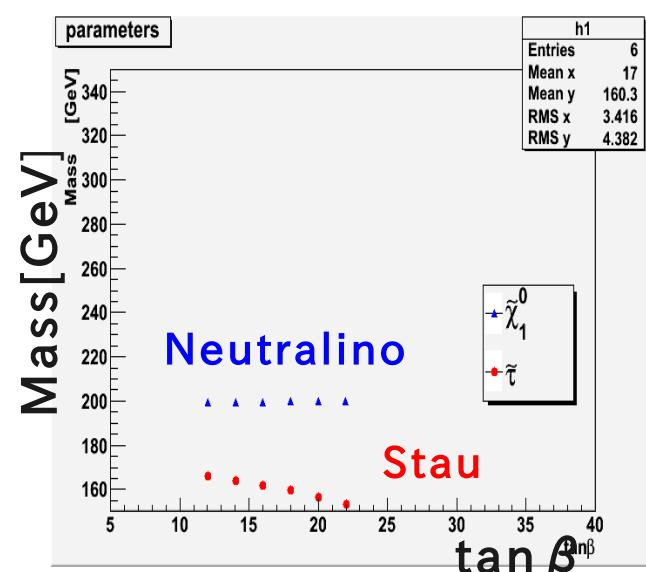
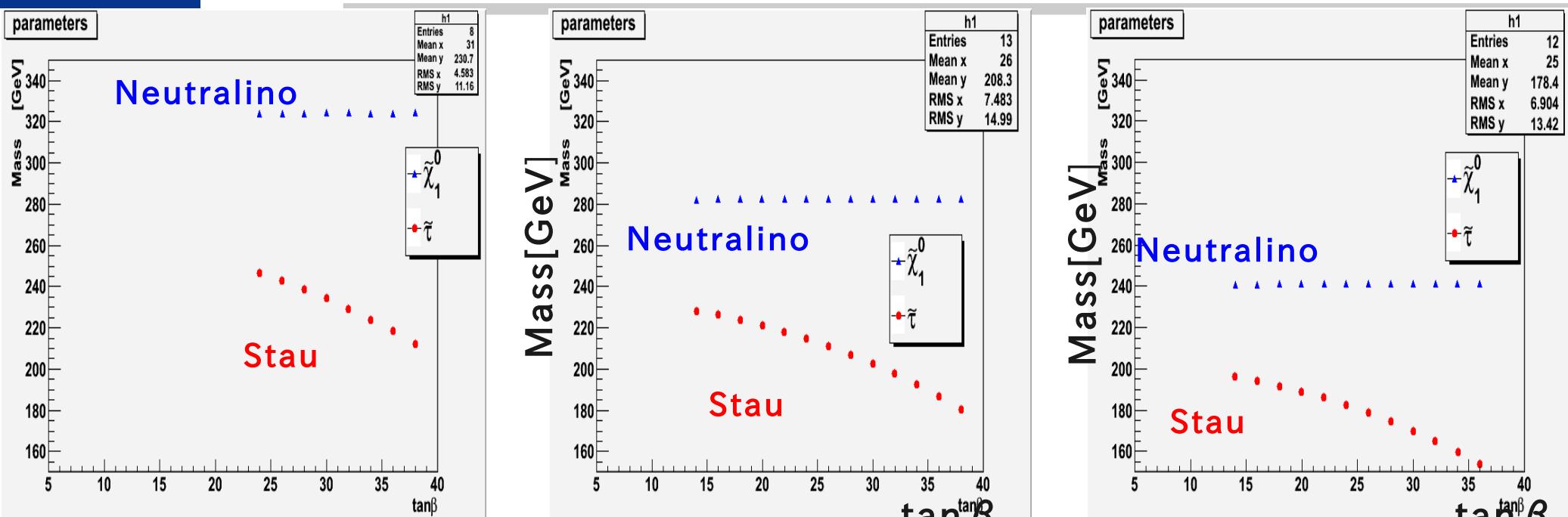
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Isasugra

Isasugra calculates SUSY masses from SUSY parameters,
Those parameters are Λ , $\tan\beta$, mass scale of messenger
and so on.

I'd like to decide suitable SUSY masses
using isasugra.

Masses and SUSY Parameters



Mass scale of messenger is 4800TeV,
N5 is 3 and sign(μ) is 1.
I Changed SUSY parameters maintaining
SUSY mass spectrum.

Summary

- To use larger SUSY masses, Λ is larger and $\tan\beta$ is smaller.
- Lightest neutralino mass is about 240GeV, and stable stau mass is about 200GeV.
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