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In the following piece of code from the Jets system muons and neutrinos are not counted as jets. However in SUSYBSM we need to not count the neutralinos and other exotic escaping final state stable particles (e.g gravitons in ADD).

This was corrected in FAMOS (after FAMOS_1_2_0) after Filip discovered with Salavat that there on average 2 more genjets (the two neutralinos) in susy events some time ago.

In principle the same can and should be done in ORCA

the extra line (from FAMOS/Filip) is:

```
myMuNuFilter.addReject("chi0_1");
```

and it should go in

<http://cmsdoc.cern.ch/swdev/viewcvs/viewcvs.cgi/ORCA/Jets/JetInputGenerators/interface/JetFinderGeneratorInputN>

The line for graviton should be

```
myMuNuFilter.addReject("graviton");
```

(if it exists in the particle table of COBRA- which i think and hope sometime ago Filip/Johana/Maya had put in otherwise - it can still be in ORCA but it will not do the job until the particle table gets updated in COBRA)

These lines will not obstruct SM physics-

Arno Heister will put it in the next ORCA release or in the head.

-- MariaSpiropulu - 06 Jul 2005

This topic: Main > GenJetsAndNeutralinoTreatment

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