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Subject: Re: PYTHIA6 usage

Posted by [Anna Skachkova](#) on Wed, 30 Sep 2020 13:18:20 GMT

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Dear colleagues,

Sorry for some quite a long break on discussing this subject...

We realized that if to use Pythia6 interface with PndPythia6Generator, seems that it reads and forward to pandaroot only the first particle from the obtained by Pythia event list (see attached fort.20 with example of the whole Drell-Yan event after hadronization, but without decays). What can be the reason for that?

As regarding to usage of PndPythia6Direct at the level of simulation it writes something like

```
>>> Event 0
[ERROR] === Problem: particle with index 15 has daughters= 24 && daughtersp= 2
>>> Event 1
[ERROR] === Problem: particle with index 15 has daughters= 13 && daughtersp= 2
>>> Event 2
[ERROR] === Problem: particle with index 15 has daughters= 66 && daughtersp= 2
>>> Event 3
[ERROR] === Problem: particle with index 15 has daughters= 20 && daughtersp= 2
>>> Event 4
[ERROR] === Problem: particle with index 16 has daughters= 7 && daughtersp= 2
>>> Event 5
[ERROR] === Problem: particle with index 18 has daughters= 5 && daughtersp= 2
```

....

and then crashes when trying to do tut\_aod.C

Thank you,  
best regards,  
Anna

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#### File Attachments

1) [fort.20](#), downloaded 316 times

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