

## H->uu and H->bb

- The simulated samples with 8.0.3 are in (10k events each):

```
/castor/cern.ch/atlas/project/dc2/preprod/g4sim803/dc2.002055.pyt_wh120_munubb.g4sim803/data
/castor/cern.ch/atlas/project/dc2/preprod/g4sim803/dc2.002056.pyt_wh120_munuuu.g4sim803/data
/castor/cern.ch/atlas/project/dc2/preprod/g4sim803/dc2.002057.pyt_wh120_munucc.g4sim803/data
```

- Digitized files are available (250 events per file):

- ◆ done with 8.0.3, 10k events each (not useable for ESD production, but in InDetRecExample)

```
/castor/cern.ch/atlas/project/dc2/preprod/g4dig803/dc2.002055.pyt_wh120_munubb.g4dig803/data
/castor/cern.ch/atlas/project/dc2/preprod/g4dig803/dc2.002056.pyt_wh120_munuuu.g4dig803/data
/castor/cern.ch/atlas/project/dc2/preprod/g4dig803/dc2.002057.pyt_wh120_munucc.g4dig803/data
```

- ◆ done with 8.0.6:

```
/castor/cern.ch/atlas/project/dc2/preprod/g4dig806/dc2.002055.pyt_wh120_munubb.g4dig806/data 40 fi
/castor/cern.ch/atlas/project/dc2/preprod/g4dig806/dc2.002056.pyt_wh120_munuuu.g4dig806/data 4 fi
/castor/cern.ch/atlas/project/dc2/preprod/g4dig806/dc2.002057.pyt_wh120_munucc.g4dig806/data 4 fi
```

## Generation of ref histos for the btagging with only

To generate ref histos for the BTagging we only run with InDetRecExample on H->bb and H->uu samples. The persistified Track and Track(Particle)Truth (9.0.1) of the samples above can be found in:

```
/castor/cern.ch/user/f/fredrik/atlas/data/pool/G4/
```

with the files (1000 events each): **H->bb**:

```
002055.InDet.dig806.rec901_X.pool.root
```

**H->uu**:

```
002056.InDet.dig806.rec901_X.pool.root
```

**H->cc**:

```
002057.InDet.dig806.rec901_X.pool.root
```

with X from 0 to 9.

The pool file catalog is in:

-- DerSchrecklicheSven - 19 Nov 2004

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