

Gridpack/LHE production @ IIHE: status and plans

	Gridpack	LHE files
WZ \rightarrow lv jj	ok	ok
ZZ \rightarrow ll ll	ok	
ZZ \rightarrow ll jj		
Z \rightarrow ll (mass 10-50) + [0,4] jets	ok	ongoing
ZH	ok	

- Wiki tables updated
- Had to do slight modification in
13TeV/scripts/lobster/lobster_internal/core.py
to get LHE production working on IIHE cluster
(execution of initialization script)
- **Cross sections** to be calculated for ZH and Z \rightarrow ll (10-50)
- **Copy commands** to copy files from Strasbourg to Brussels
https://sbgcmswikidoc.in2p3.fr/doku.php?id=topfcnc_copy

→ small copy script can be committed to svn in
MCProduction/13TeV/scripts, or reserved for lobster / scampi scripts?

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- **Will write script to remove bad LHE files from storage**
(based on seed list of corrupted files from user)
→ file removal command on Strasbourg storage = ?
- **Another naive question:**
 - Cross sections in table of last meeting
<https://indico.in2p3.fr/materialDisplay.py?contribId=7&sessionId=0&materialId=slides&confId=10350>
→ inclusive $Z \rightarrow \ell\ell$ and $W \rightarrow \ell\nu$ MG cross section smaller than sum of exclusive MG cross sections?
e.g. $Z \rightarrow \ell\ell$ inclusive 4925 pb,
sum exclusive > 6968 pb