

INPUT_DATA

This is the csv file with data to be run in MadGraph.
Ostensibly output from a prior Magellan-MCMC run

LOCAL

This determines if a job is set up to run locally or on a computing Cluster.

PROC_IN & PROC_OUT

This is for the MadGraph process to be run. Be sure to add a "\" before each space!

LIST

Paths to each job will be stored here ready for submission/running.

NAME

"CREATE_JOB_" will be stripped from all variables before being passed on. This will be the name of the job folder that is created in MadGraph/Jobs/

SPLIT_NAME & nJobs

"nJobs" is how many parts the to split the input data into, and "SPLIT_NAME" is the name that will be given to these parts + an alphabetical tag.

TEMPLATES

These are important templates that the user may wish to switch or edit for their specific needs

```
#####  
### --- Create jobs --- ###  
#####  
  
CREATE_JOB_NAME           = "Name_for_job"  
CREATE_JOB_INPUT_DATA     = "${THDM_T3PS_SCANNER_DIR}/PATH/TO/DATA.csv"  
CREATE_JOB_LOCAL          = "no"  
CREATE_JOB_SPLIT_NAME     = "split_csv_name"  
CREATE_JOB_PROCESS_NAME   = "name_of_process"  
CREATE_JOB_PROC_IN        = "Bs\ ql"  
CREATE_JOB_PROC_OUT       = "Ts\ Ws\ h1"  
CREATE_JOB_nCores         = 1  
CREATE_JOB_nJobs          = 4  
CREATE_JOB_LOOPER         = "csv_looper.sh"  
CREATE_JOB_Card_Editor    = "inputcard_editor2.py"  
CREATE_JOB_BASECARD       = "basecard_type2.txt"  
CREATE_JOB_TEMPLATE       = "slurm_submission.sh"  
CREATE_JOB_RIPPER         = "Data_Ripper_typeII_template.py"  
CREATE_JOB_LIST           = "all.jobs"
```