**Comparing two SPARC simulations**

I have written a Python script to generate plots that overlay the results of two ASCOT simulations. This does not have all the bells and whistles of process\_ascot.py, in particular it doesn’t (yet) have the capability to plot a map of the surface heating power density. But it is very helpful if you want to quickly identify how two ASCOT simulations differ.

to run:

python /project/projectdirs/m3195/ascot/mypython/process\_two.py ascot\_12345678.h5 ascot\_87654321.h5 v1e.geq

where ascot\_12345678.h5 and asscot\_87654321.h5 are two ascot output files, and v1e.geq is the EFIT file. Or, if you have defined the aliases in my .bashrc.ext file,

Or, if you have defined the alias process\_two in my bashrc.ext file, you can issue the command

process\_two 12345678 87654321 v1e.geq

There is also a version that makes fewer plots,

python /project/projectdirs/m3195/ascot/mypython/process\_two\_short.py ascot\_12345678.h5 ascot\_87654321.h5 v1e.geq