**Generating a file with plasma-profile data for use by SPARC from TRANSP output**

You must request that Pablo create a “pickle” file for you, which extracts various profiles out of a TRANSP run at a single time slice. Then on the SPARC Linux workstation, e.g. rws01, in the directory /home/sscott/ascot do the following, for e.g. a pickle file = SPARC\_V1E\_transp\_3mod.pkl.

python

import process\_ascot\_profiles\_mod as proc

proc.process\_profiles("SPARC\_V1E\_transp\_3mod.pkl")

There are a few prompts. Just re-type in the suggested value, except for the last two prompts which want character strings to identify the output – choose something meaningful to identify the new plot files and text file.

A sample output is in file: [test\_profiles.txt](file:///C:\Users\sscott\Documents\ripple\ASCOT_handover\test_profiles.txt).