FEC 2024 paper simulation notes

Foreword

Since some of the files are quite large I will try to back up as much data as possible on simdb.

Steps I took to make the data

First acquired data from the SPR concept workflow:  
[Concept Workflow - SPR Concept Register (ARCHIVE - READ ONLY) - All Concepts & Fields (sharepoint.com)](https://ukaeauk.sharepoint.com/sites/STEP_SPR_Sprints_B_1_1_3/Lists/Concept%20Index/All%20Items.aspx)

Then went to the simbd for SPR-045 iteration 16:

[smars/jetto/step/88888/dec1023/seq-1 (ukaea.uk)](https://simdb.step.ukaea.uk/alias/smars/jetto/step/88888/dec1023/seq-1)

Downloaded profile.CDF from here:  
/common/step-simdb/simulations/d1185f4e998911eea26573969291aad4/profiles.CDF

Then renamed that file to profiles\_SPR-045-16.CDF

Got the mesh I need from Sam Tippetts, called SPP-001-1.cdb.locust.

Got a 2d trace of the wall called SPP-001.dat.

Downloaded the BPLASMA data.

Make profiles