hs_sch 'lt5'; # we choose the sample changer lt5
# everything after # symbol is a comment
# a3 is at -15
hsarot 'on'; # sample rotation is ON,
ttol 3; # default temperature tolerance

# technical code for the temperature regulation
# with new double-1-active heater
tdbl 1;
sics 
  table fix_warmup_weight 1
  warmup weight -0.6
  warmup trig 10
  warmup limit 70
  warmup timef 0.2
  warmup abruptstop 1 
';
# END of technical code for the temperature regulation

hs_lambda '1p15'; hs_resol 'MR';
# we choose 1.15A and Medium Resolution (MR)
# hs_lambda '1p89'; hs_resol 'HI';
# possible choice with 1.89A and
# High Intensity (HI)

psinv 1450; # really optional to readjust the presets
  # for SINQ current 1450uA. The default table values are
  # for 1500uA. This adjustment tunes one sweep to be
  # closer to 1/2h. Might be important if SINQ
  # current is very different from 1500uA.

# psweep 1; # time in hours for one sweep. Default value is
# 1/2 hour.

for ($t=230; $t<300.1; $t += 15) {
  # this is the loop over the temperatures
  hcount 6, 'La0.7Sr0.3MnO3_2g,V6x20', 1, $t, '600 3';
  # we count 6 sweeps (default sweep time is 1/2h)
  # with the sample in position no.1 at
  # the temperatures 230, 245, ... After the temperature
  # is in tolerance 3K with the set-point we wait 600s and
  # then count.
}

hcount 300, 'La0.7Sr0.3MnO3_2g,V6x20', 1, 300, '600 5';

# this is the end of the script.
__END__
The __END__ is optional, but can be useful...
Everything after the above __END__ is ignored. Might be used for some
chuncks of code you would like to keep, avoiding commenting each line
with '#'-symbol

# hs_resol 'MR';
# hs_lambda '1p89';
# hcount 10,'La0.7Sr0.3MnO3_2g,V6x20',1,1;