Cool down 1: powering cycles from virgin conditions

Current (A)

'Virgin conditions' definition: All induced currents/magnetization have been cancelled by a (provoked) quench of the coil.



Time (hours)

Cool down 2: powering cycles from virgin conditions

'Virgin conditions' definition: All induced currents/magnetization have been cancelled by a (provoked) quench of the coil.





Consistent results:

All seven quenches in Q3a-P3 at 1.9 K occurred all after minimum 12 hours at nominal current and maximum 42 hours. It always occurred in the second or later ramp (but this may be coincidence, since we did not often start with a very long ramp).

