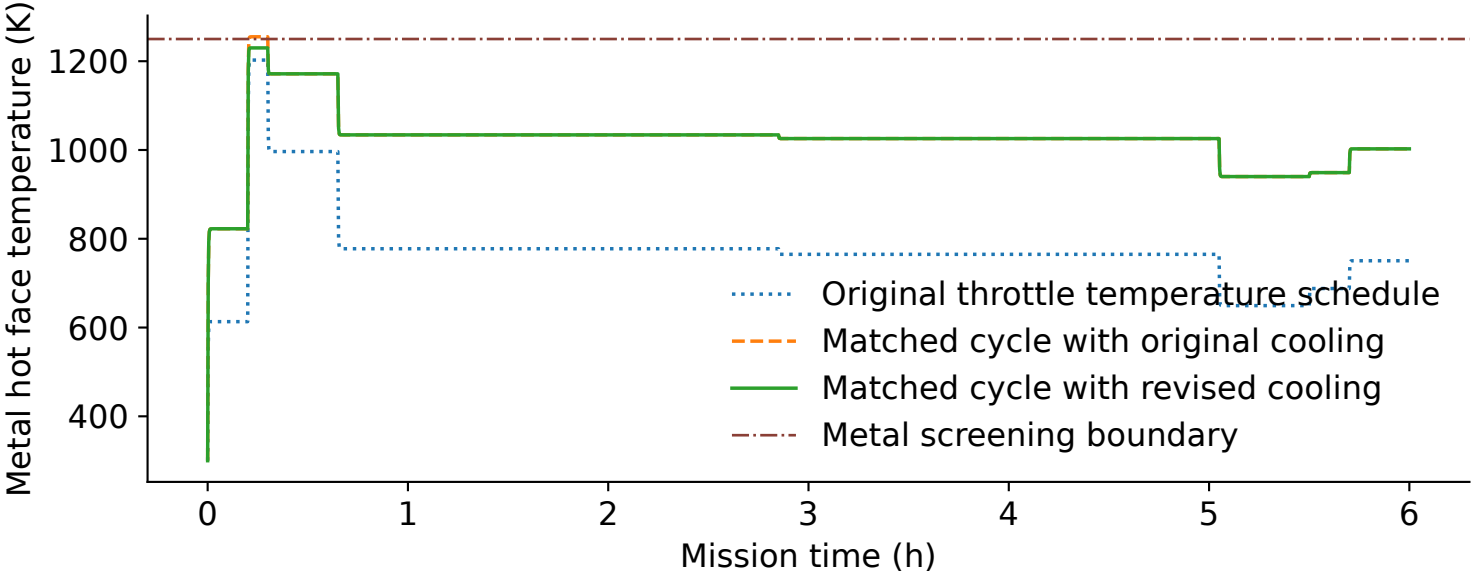

Metal hot face temperature (K)
1200
1000
800
600
400
0
1
2
3
4
5
6
Mission time (h)
Original throttle temperature schedule
Matched cycle with original cooling
Matched cycle with revised cooling
Metal screening boundary