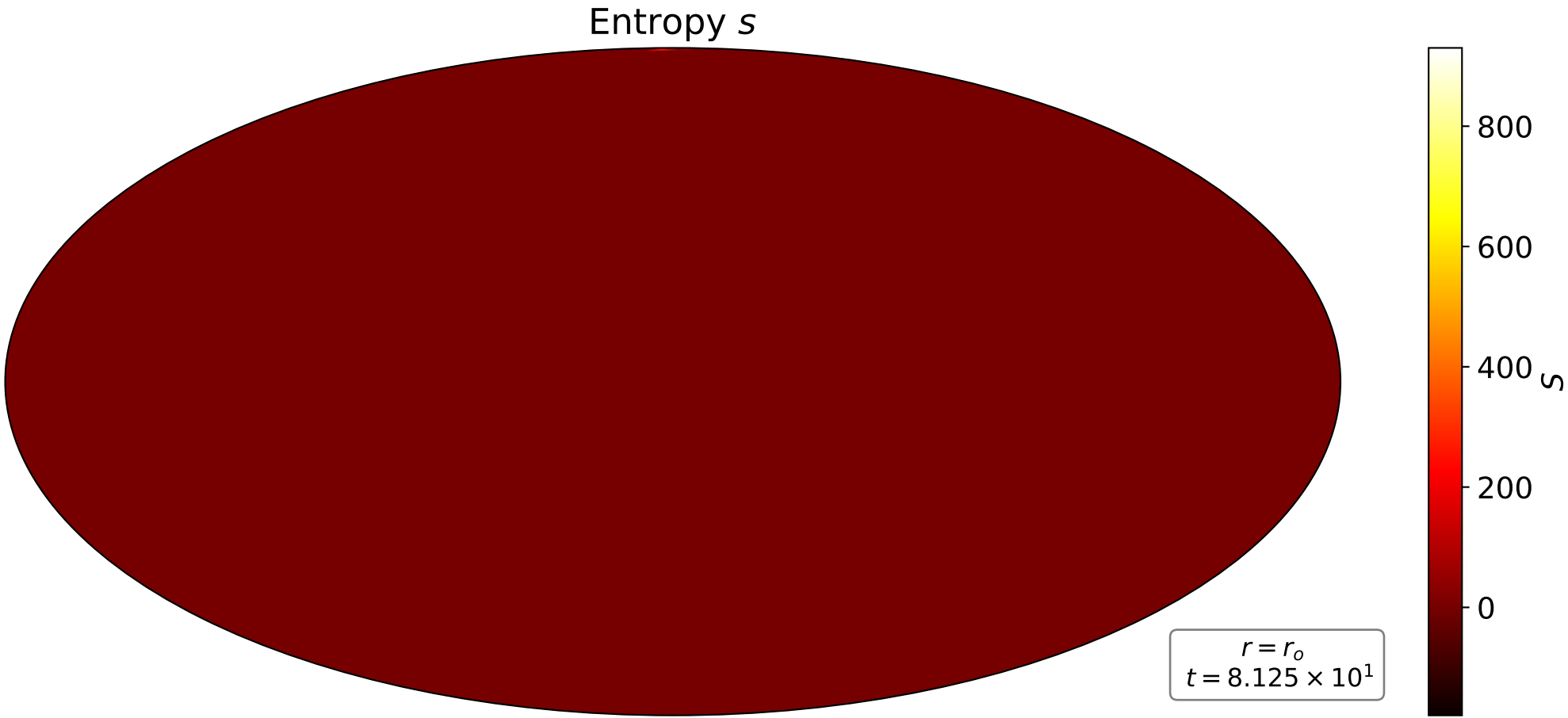
Entropy s
800
600
400
200
0
s
$r = r_o$
$t = 8.125 \times 10^1$