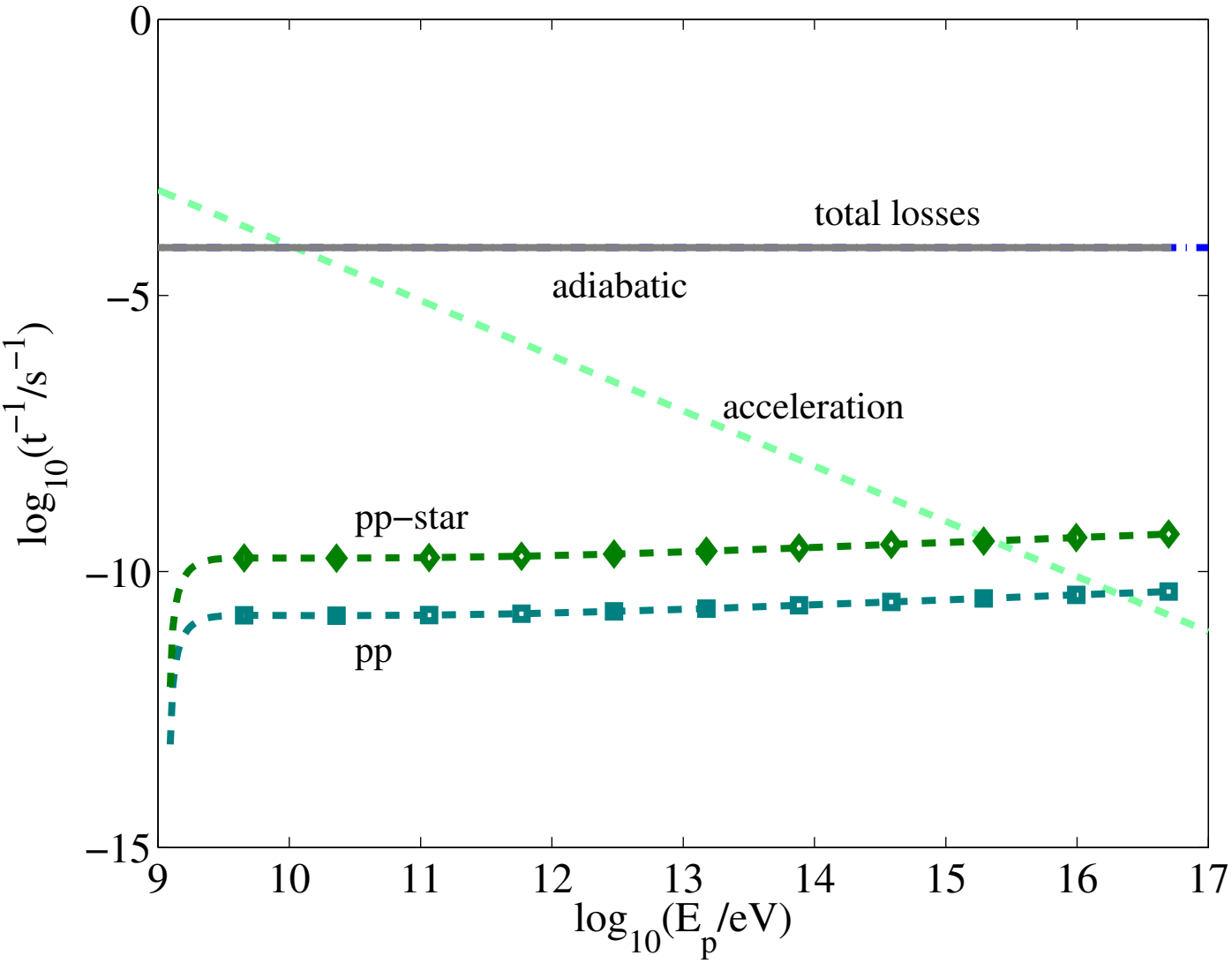
0
−5
−10
−15
9
10
11
12
13
14
15
16
17
total losses
adiabatic
acceleration
pp−star
pp
log10(t−1/s−1)
log10(Ep/eV)