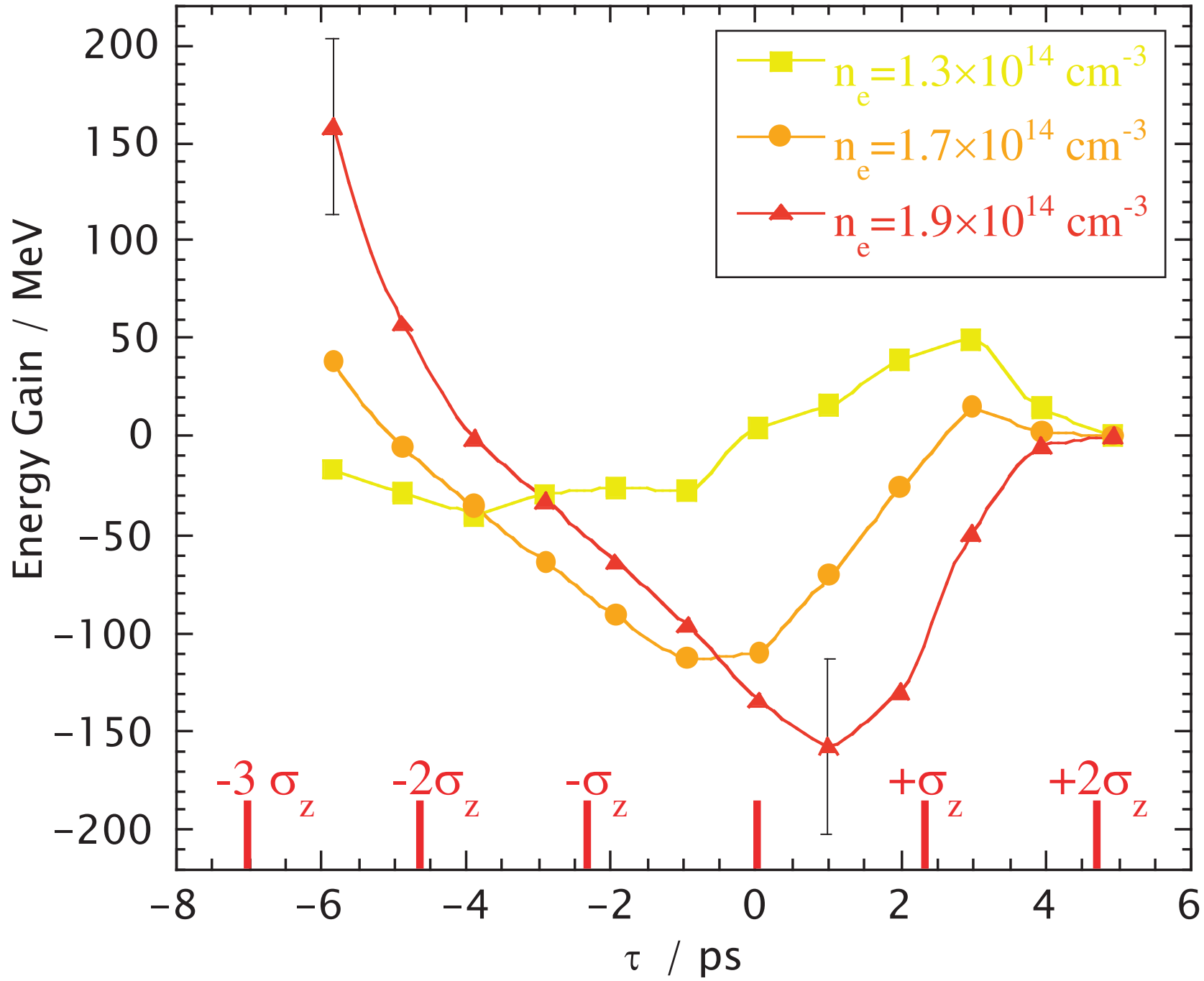

200
150
100
50
0
−50
−100
−150
−200
Energy Gain / MeV
−8
−6
−4
−2
0
2
4
6
τ / ps
n_e=1.3×10^14 cm^-3
n_e=1.7×10^14 cm^-3
n_e=1.9×10^14 cm^-3
-3 σ_z
-2σ_z
-σ_z
+σ_z
+2σ_z