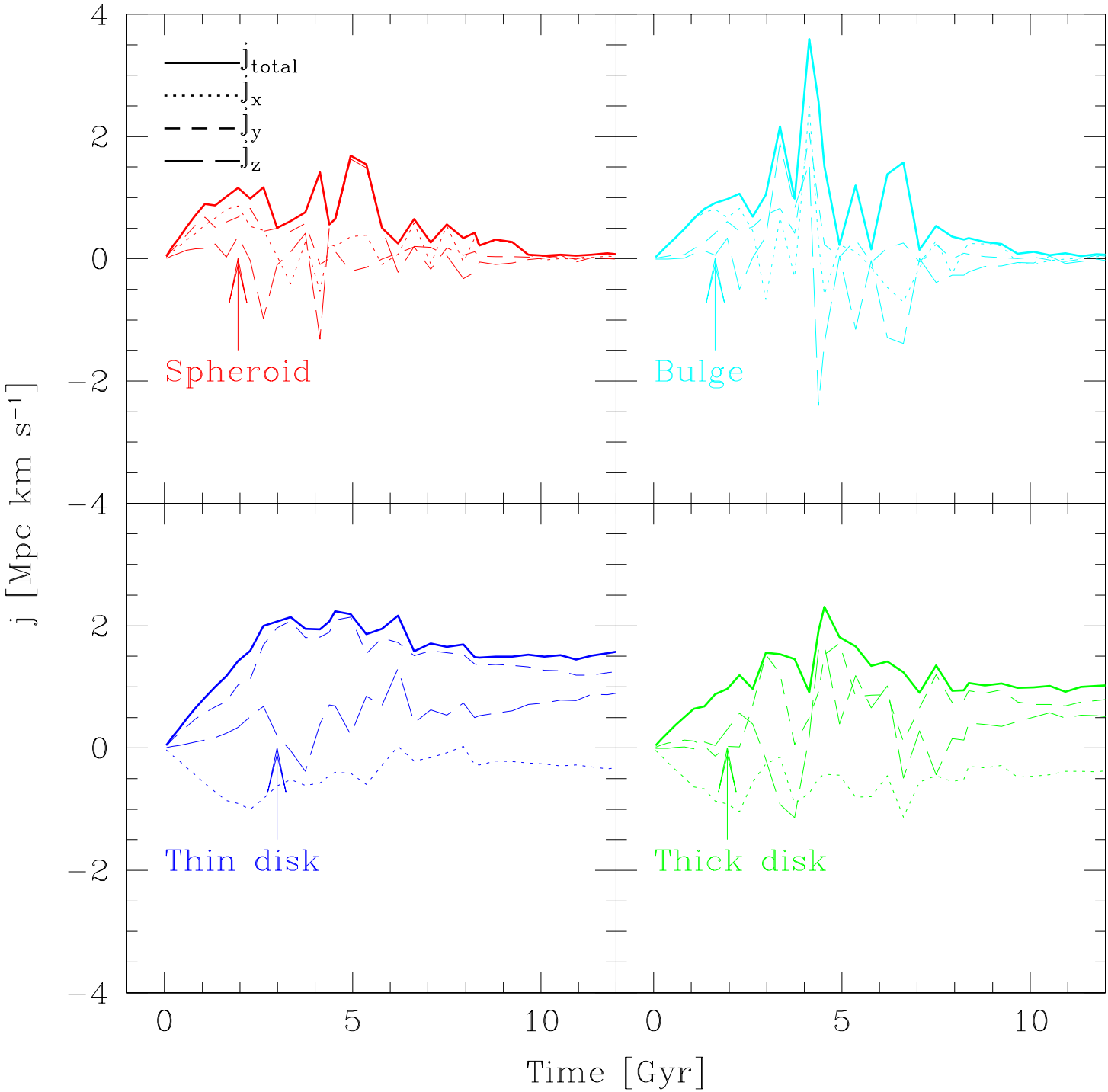
j_{total}
j_x
j_y
j_z
Spheroid
Bulge
Thin disk
Thick disk
j [Mpc km s^{-1}]
Time [Gyr]
4
2
0
−2
−4
0
5
10