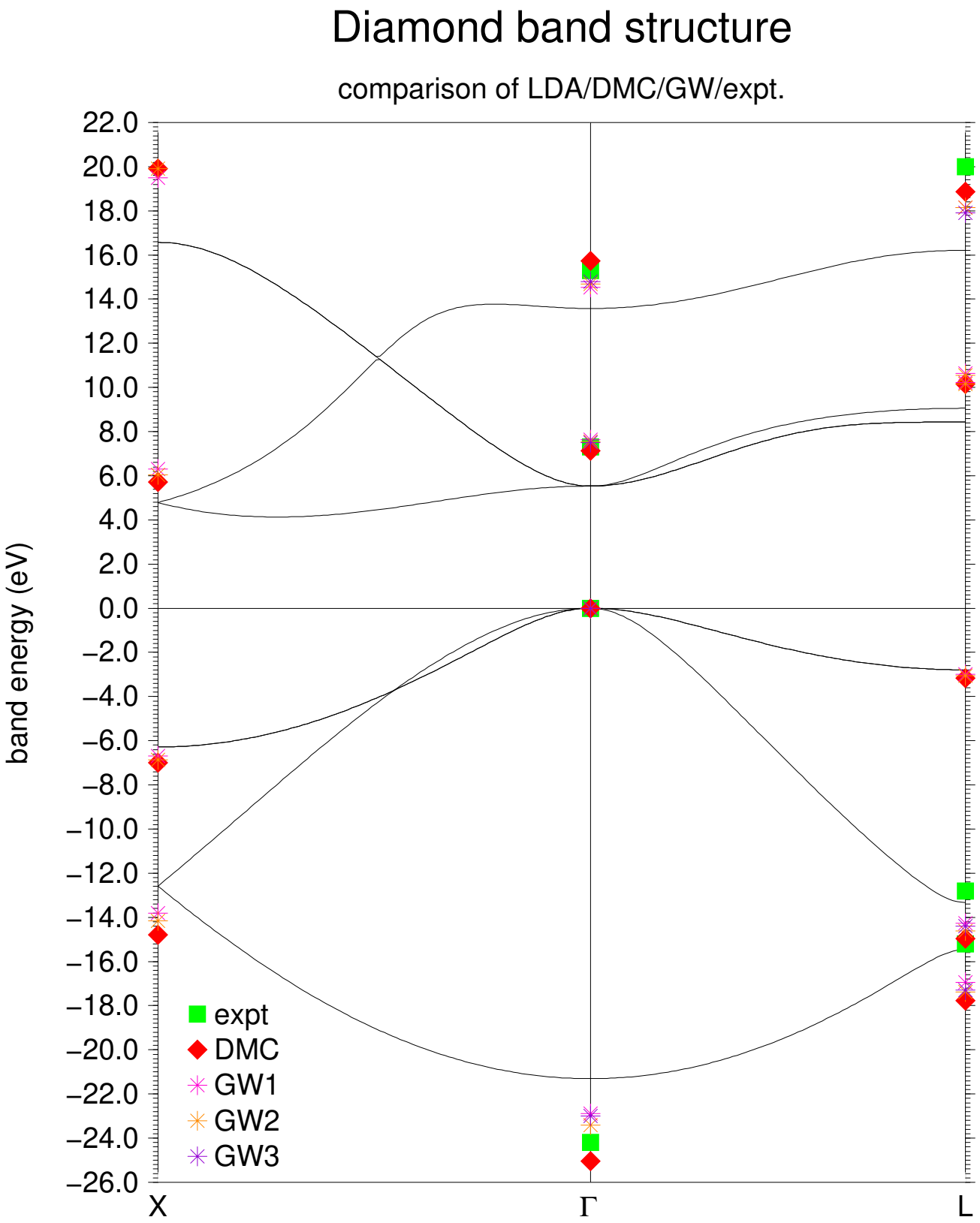
Diamond band structure
comparison of LDA/DMC/GW/expt.
band energy (eV)
22.0
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
−2.0
−4.0
−6.0
−8.0
−10.0
−12.0
−14.0
−16.0
−18.0
−20.0
−22.0
−24.0
−26.0
X
Γ
L
expt
DMC
GW1
GW2
GW3