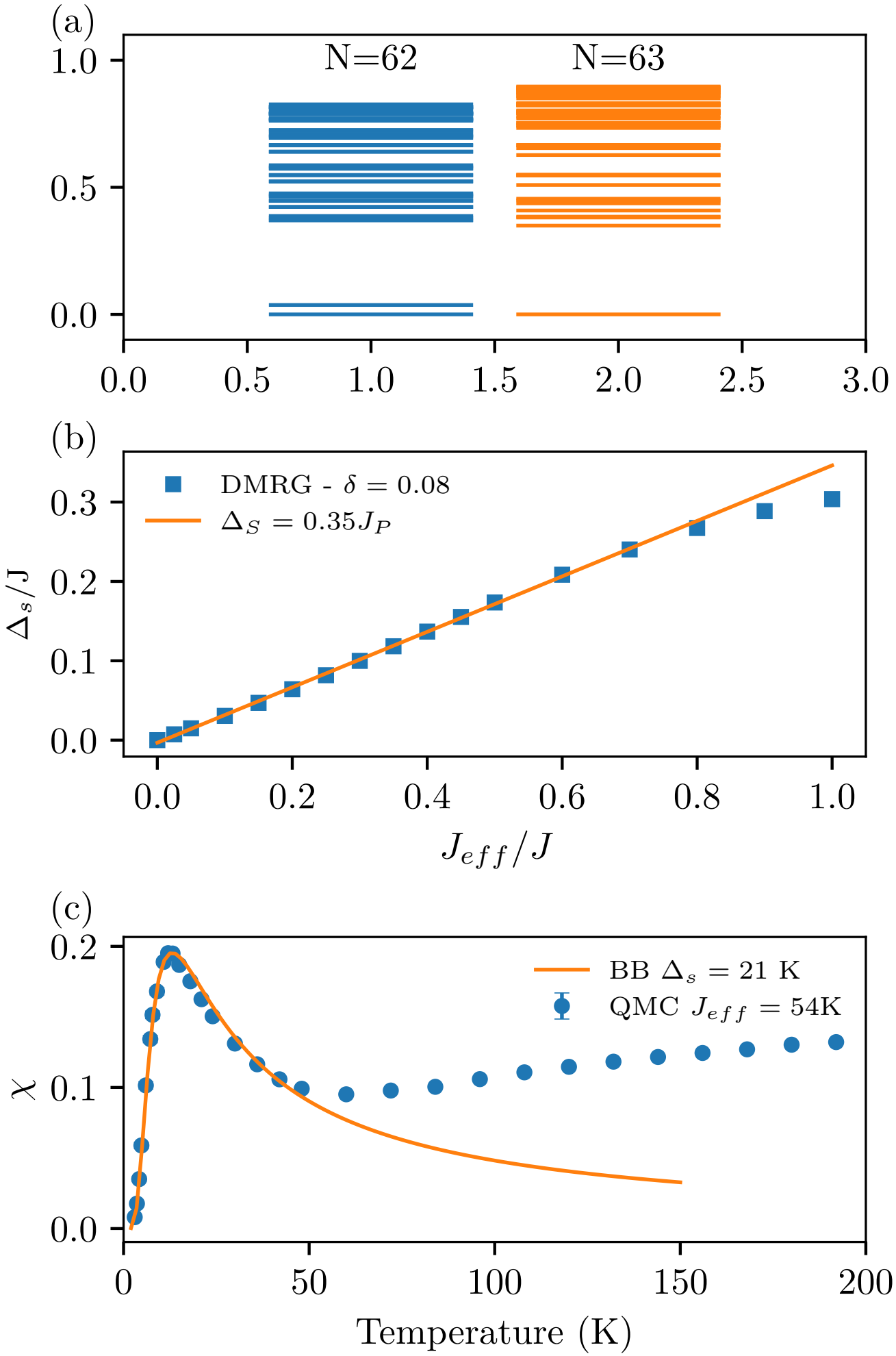
(a)
N=62
N=63
1.0
0.5
0.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
(b)
DMRG - $\delta = 0.08$
$\Delta_S = 0.35 J_P$
Δ_s/J
0.3
0.2
0.1
0.0
0.0
0.2
0.4
0.6
0.8
1.0
J_{eff}/J
(c)
BB $\Delta_s = 21$ K
QMC $J_{eff} = 54$K
χ
0.2
0.1
0.0
0
50
100
150
200
Temperature (K)