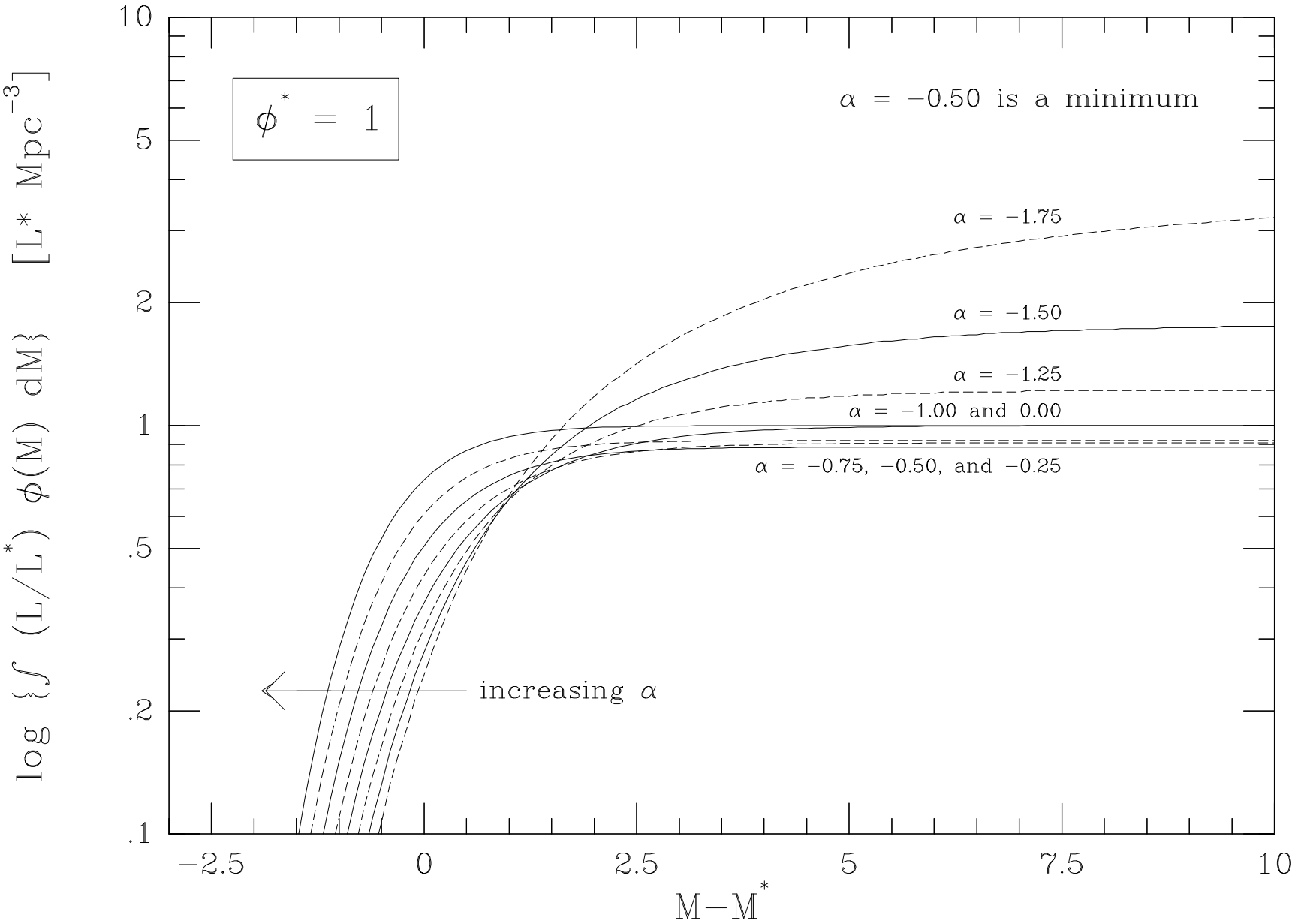
10
5
2
1
.5
.2
.1
−2.5
0
2.5
5
7.5
10
M−M*
log {∫ (L/L*) φ(M) dM} [L* Mpc−3]
φ* = 1
α = −0.50 is a minimum
α = −1.75
α = −1.50
α = −1.25
α = −1.00 and 0.00
α = −0.75, −0.50, and −0.25
increasing α