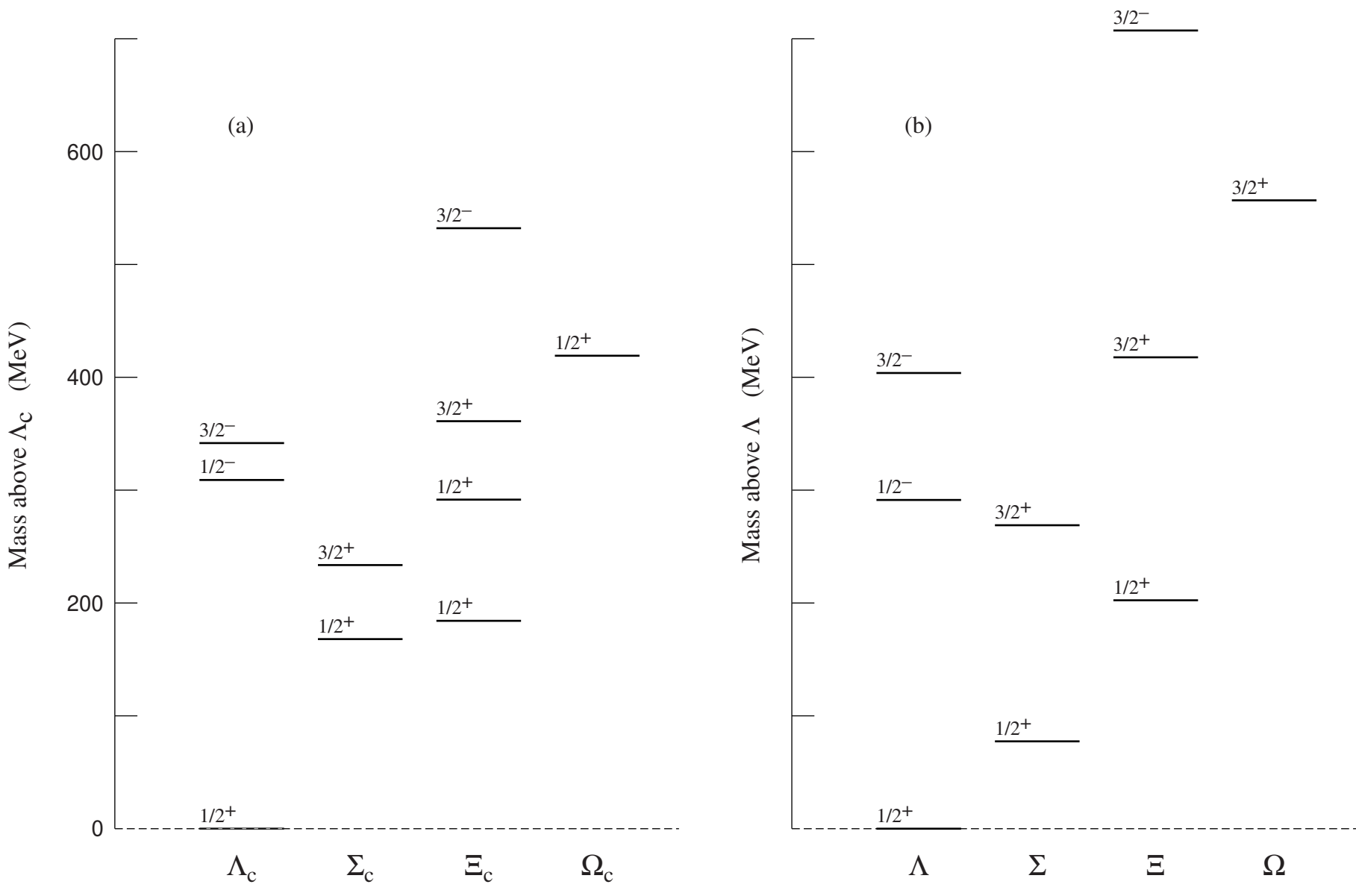
(a)
Mass above Λ_c (MeV)
600
400
200
0
$3/2^-$
$1/2^-$
$1/2^+$
$3/2^+$
$1/2^+$
$3/2^-$
$3/2^+$
$1/2^+$
$1/2^+$
$1/2^+$
Λ_c
Σ_c
Ξ_c
Ω_c
(b)
Mass above Λ (MeV)
$3/2^-$
$1/2^-$
$3/2^+$
$1/2^+$
$1/2^+$
$3/2^-$
$3/2^+$
$1/2^+$
$3/2^+$
Λ
Σ
Ξ
Ω