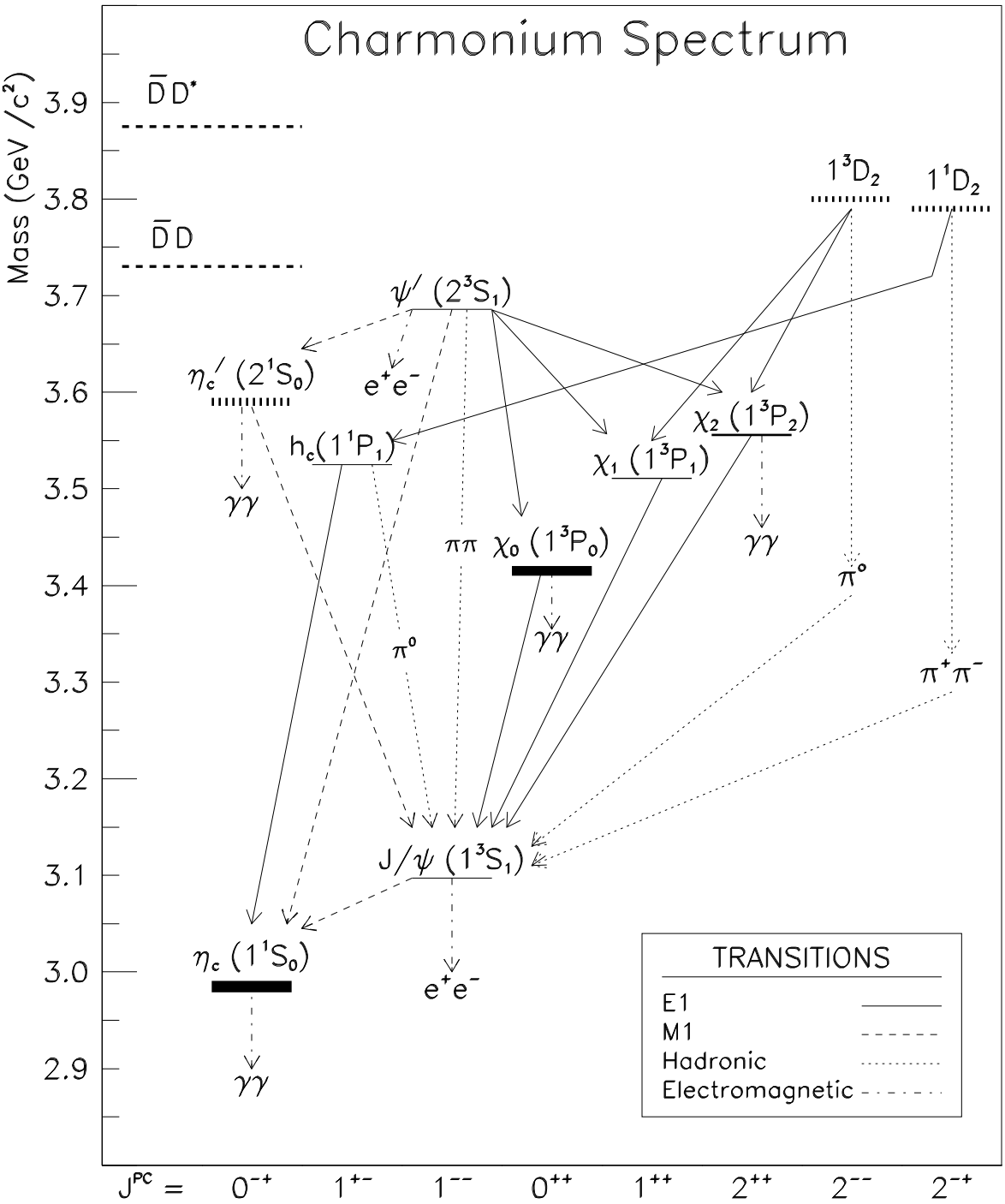
Charmonium Spectrum
Mass (GeV /c²)
3.9
3.8
3.7
3.6
3.5
3.4
3.3
3.2
3.1
3.0
2.9
D̄D*
D̄D
1³D₂
1¹D₂
ψ′ (2³S₁)
ηc′ (2¹S₀)
e⁺e⁻
hc(1¹P₁)
χ₂ (1³P₂)
χ₁ (1³P₁)
γγ
ππ
χ₀ (1³P₀)
π°
π⁺π⁻
J/ψ (1³S₁)
ηc (1¹S₀)
TRANSITIONS
E1
M1
Hadronic
Electromagnetic
J^PC = 0⁻⁺ 1⁺⁻ 1⁻⁻ 0⁺⁺ 1⁺⁺ 2⁺⁺ 2⁻⁻ 2⁻⁺