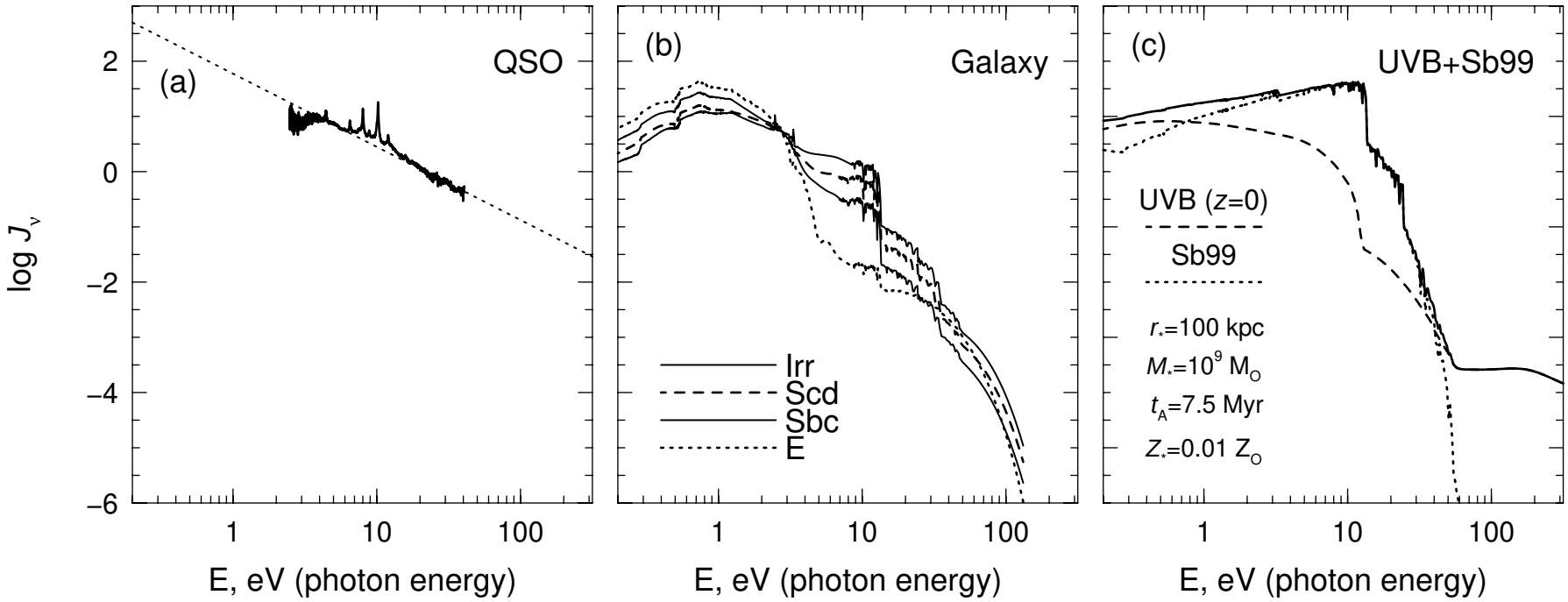
log J_ν
2
0
−2
−4
−6
(a)
QSO
(b)
Galaxy
Irr
Scd
Sbc
E
(c)
UVB+Sb99
UVB (z=0)
Sb99
r_*=100 kpc
M_*=10^9 $M_\odot$
t_A=7.5 Myr
Z_*=0.01 $Z_\odot$
1
10
100
E, eV (photon energy)