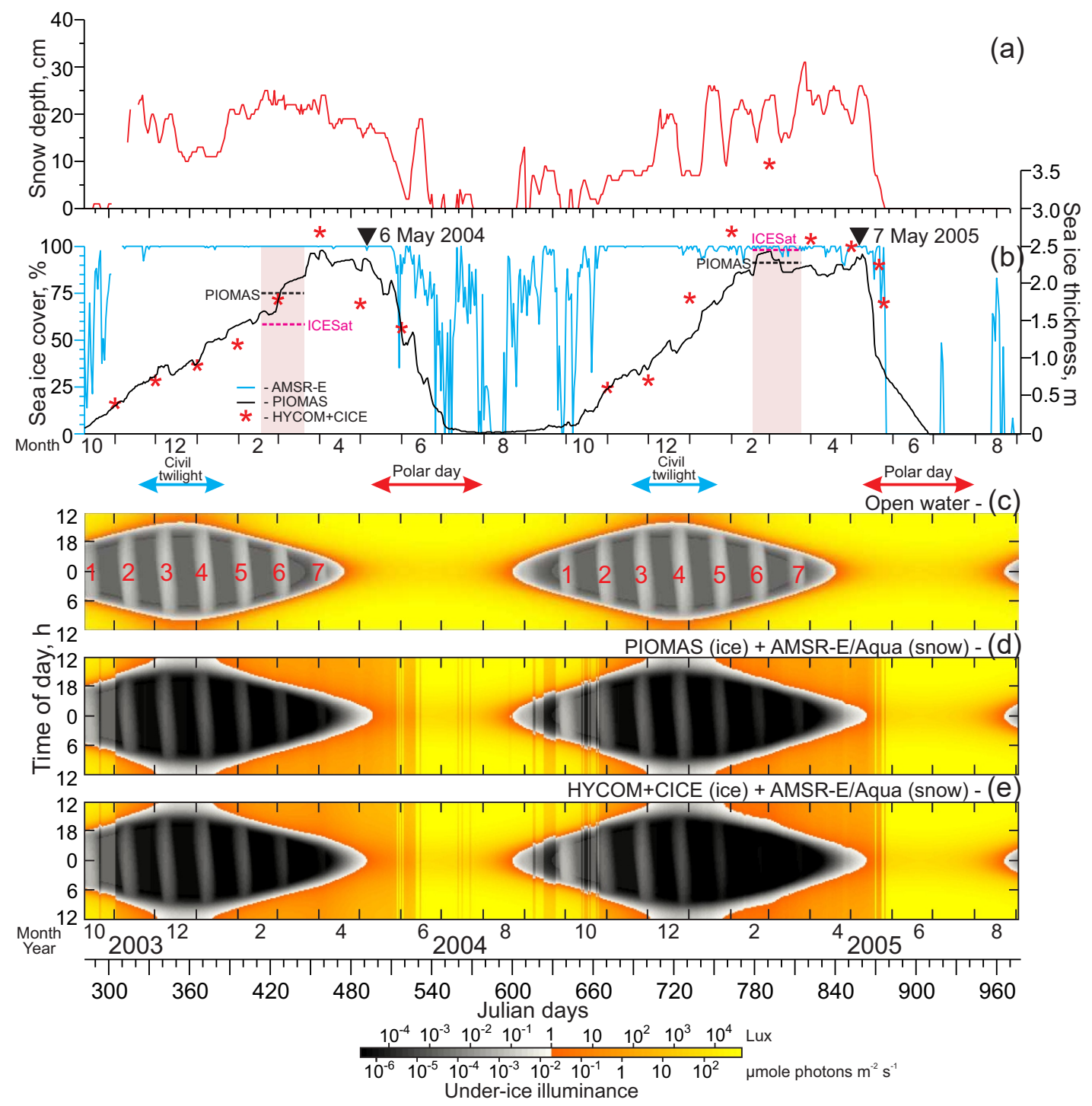
(a)
Snow depth, cm
(b)
Sea ice cover, %
Sea ice thickness, m
6 May 2004
7 May 2005
PIOMAS
ICESat
- AMSR-E
- PIOMAS
- HYCOM+CICE
Month
Civil twilight
Polar day
Open water - (c)
PIOMAS (ice) + AMSR-E/Aqua (snow) - (d)
HYCOM+CICE (ice) + AMSR-E/Aqua (snow) - (e)
Time of day, h
Month
Year
2003
2004
2005
Julian days
Lux
μmole photons m-2 s-1
Under-ice illuminance