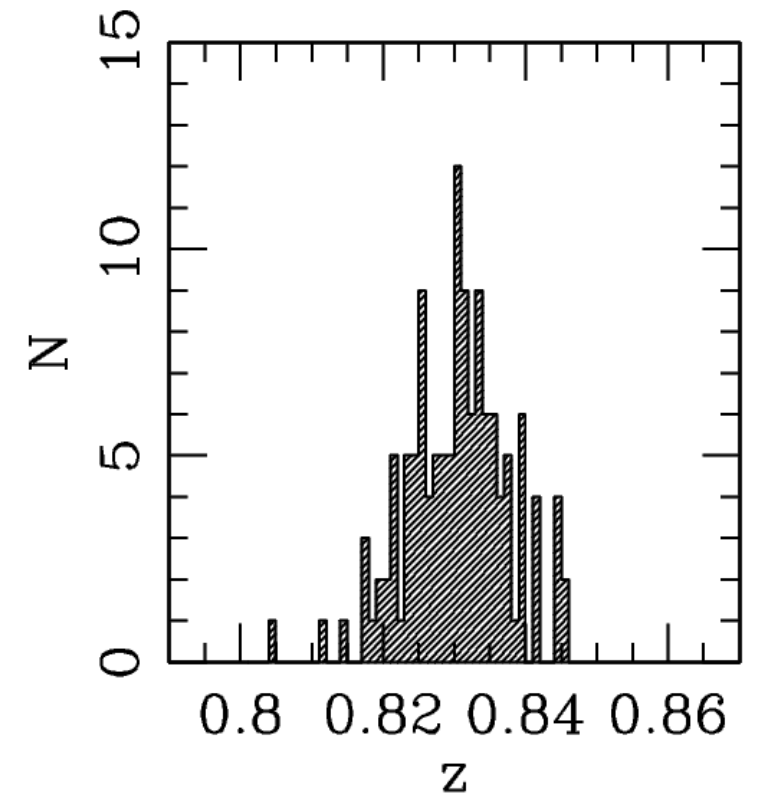


Keck Spectroscopy of MS 1054-03: Galaxy Evolution from $z=0.83$

Kim-Vy Tran
(Leiden Observatory, CfA)

Marijn Franx (Leiden)
Garth Illingworth (UC Santa Cruz)
Pieter van Dokkum (Yale)
Dan Kelson (Carnegie)
John Blakeslee (Washington State)
Marc Postman (STSCI)

MS 1054-03



129 members

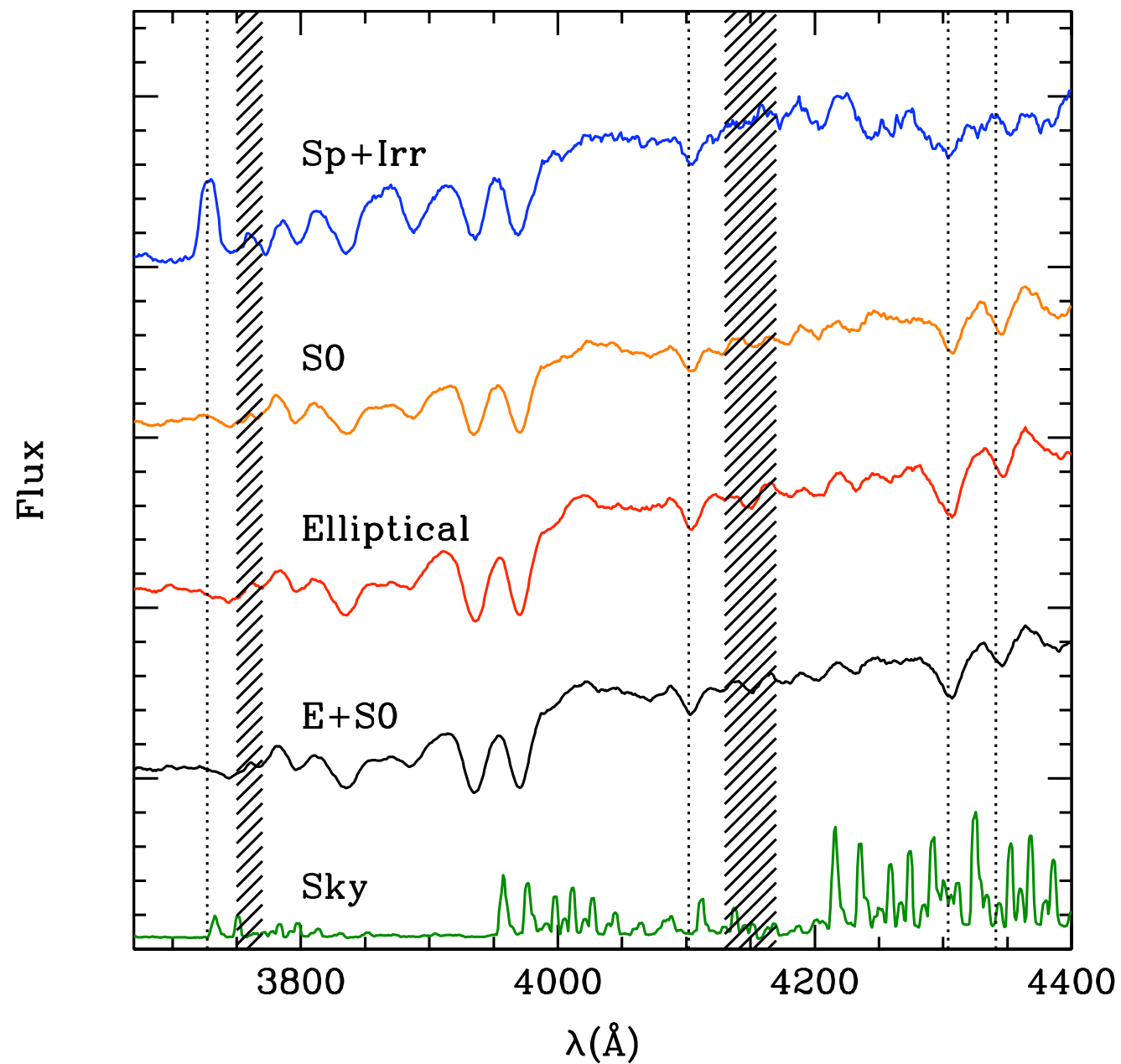
$z=0.83$

$\sigma=1156$ km/s

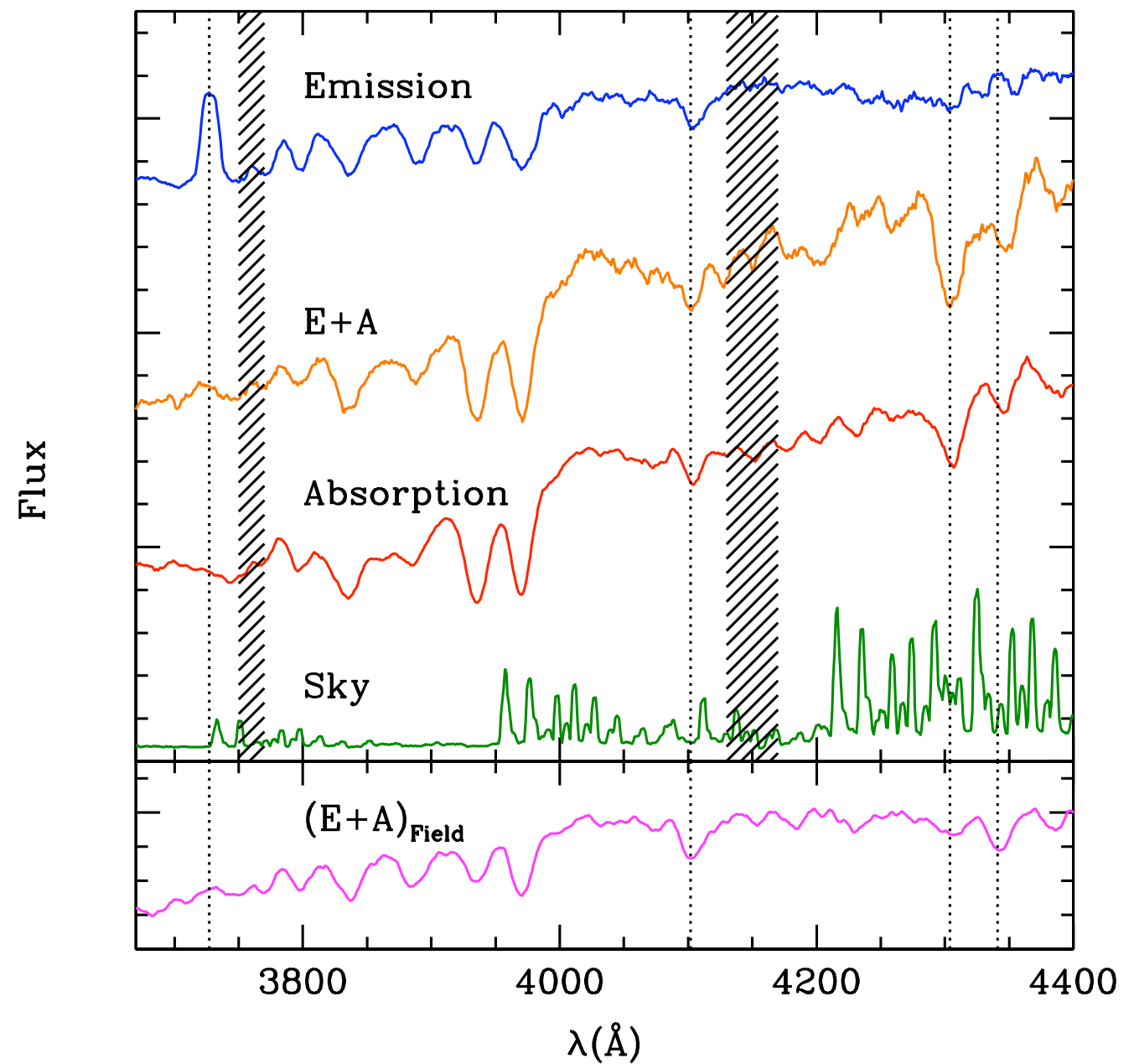
$M(\text{vir})\approx 3e15$ Msun

MS 1054-03 ($z=0.83$)

Composite Spectra

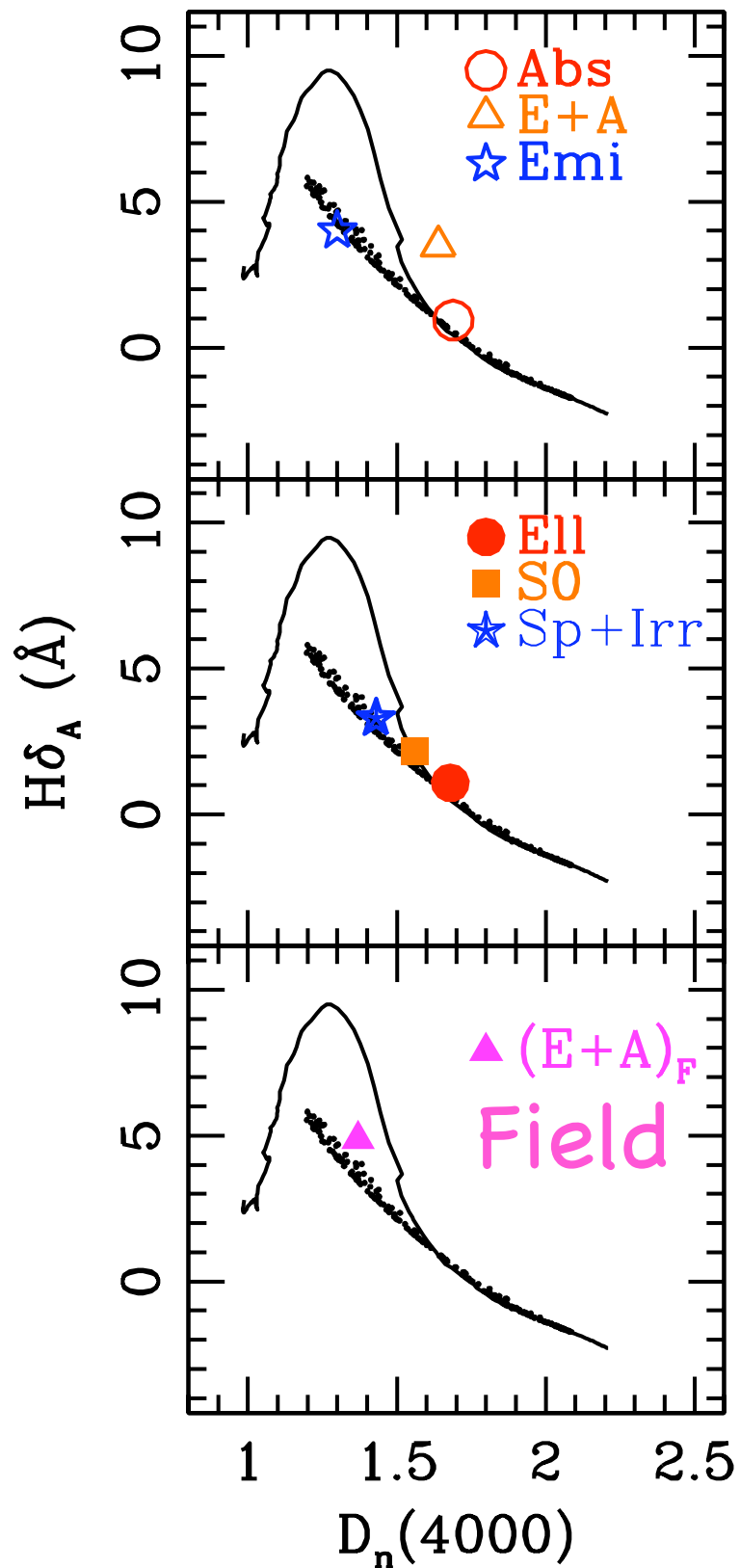


Morphological



Spectral

MS 1054-03 ($z=0.83$)



Composite Spectra

BC2003 models
(solar metallicity)

Single Burst (line)
Kauffmann+2003 (dots)