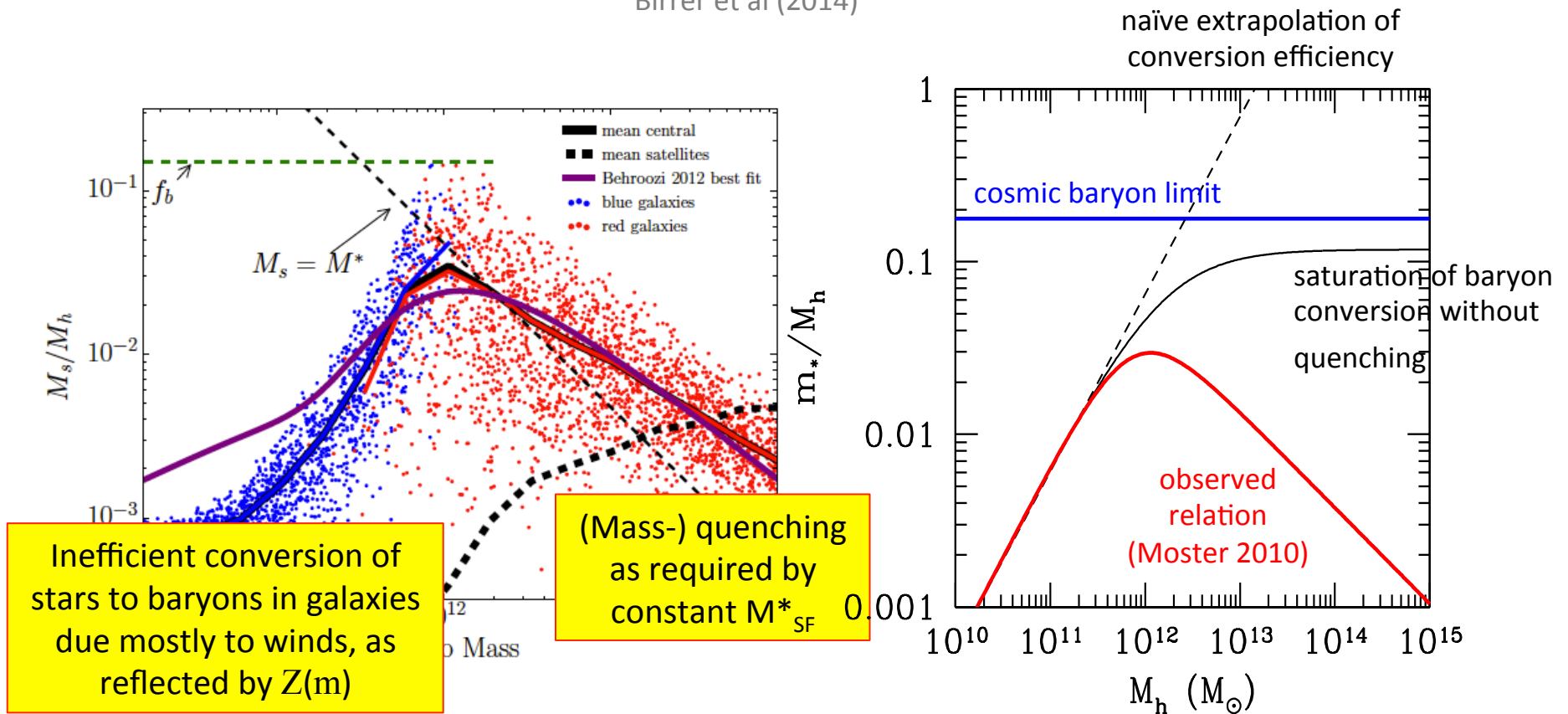


Last point: the “co-incidence” of quenching? Birrer et al 2014

Birrer et al (2014)



Everyone agrees that the overall conversion of baryons into stars increases dramatically as the halo mass approaches $10^{12}M_\odot$, but then declines due to quenching as $m_{star} > M^*$

“Quenching” happens just as m_{star}/m_{halo} first approaches to within a factor of a few of the cosmic baryon fraction (i.e. approaches “maximum efficiency”)

What is this telling us?