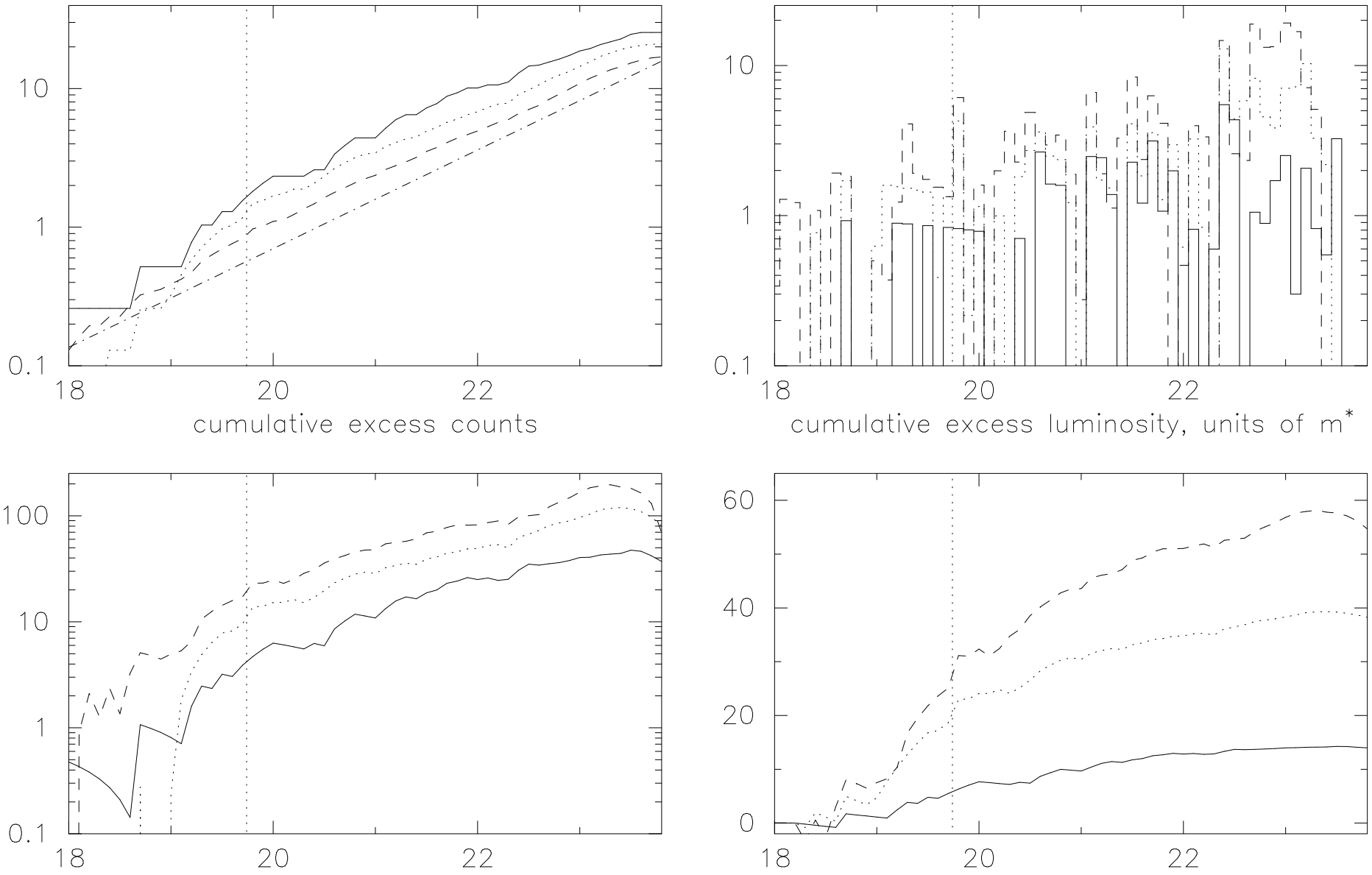
STACS J0823.0+0343, z_{est}=0.4, R_{est}=35.3, (m^*=19.74, r_{cor}=1.108')



all plots: x−axis is R mag, vert. dotted line at m^*

solid=>r_{core}, dotted=>$2r_{core}$, dashed=>$4r_{core}$, dot−dash=>background (β=1.89,N_f=0.73)