$1\text{-}\mathsf{D}$ profiles of basis vectors $r_s = 0.0$ 0.30 $r_s = 1.0$ $-r_s = 2.0$ 0.25 $r_s = 4.0$ $- r_s = 8.0$ 0.20 0.15 0.10 0.050.0030 40 10 20 50 60 x (pix)