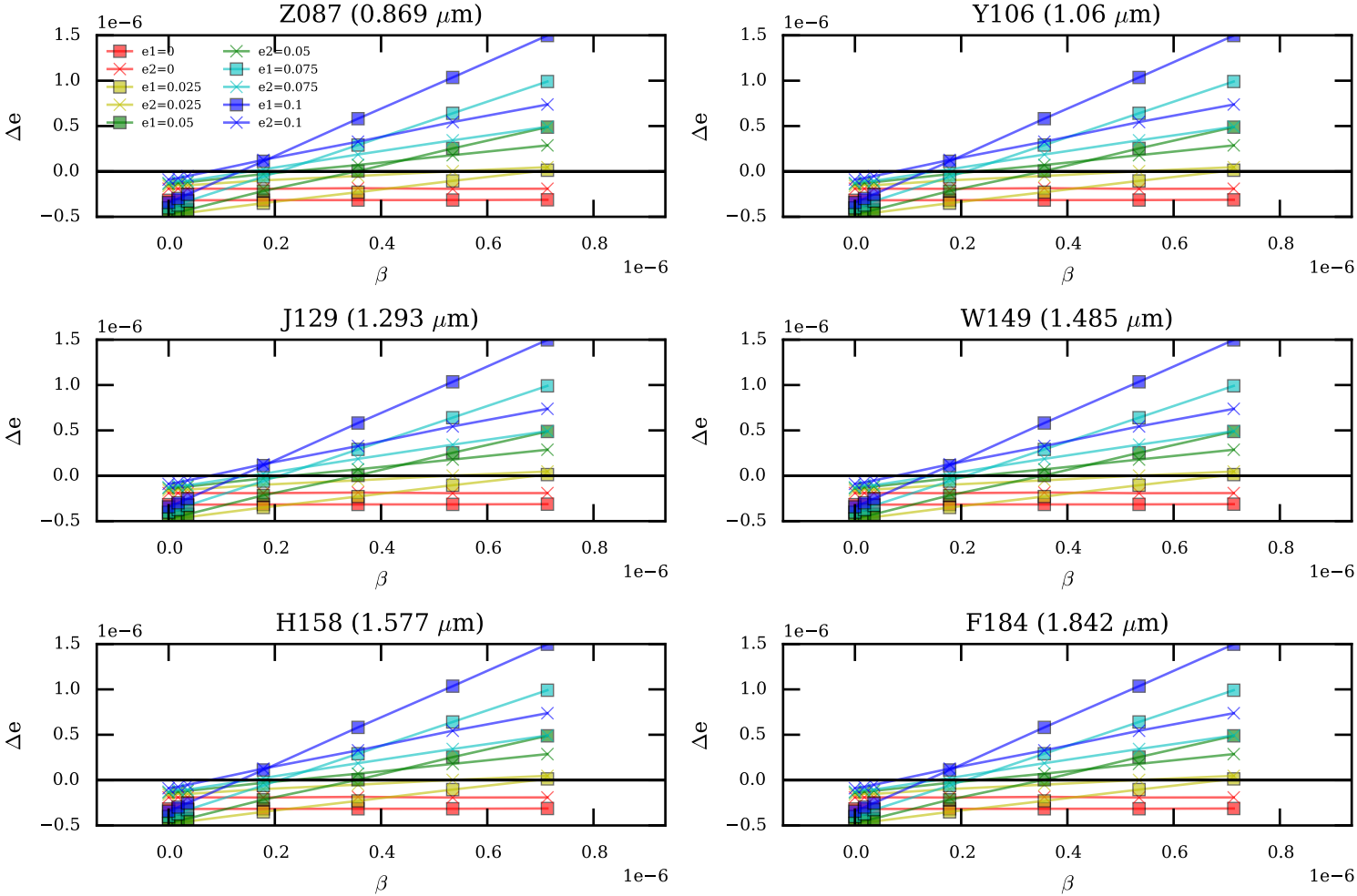
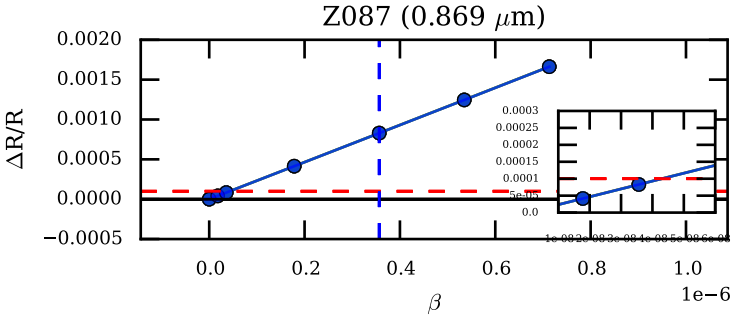
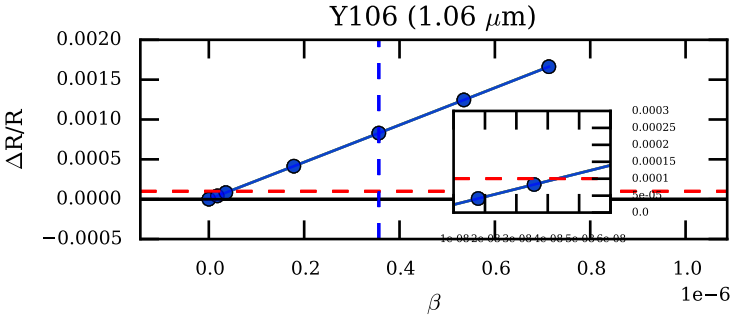
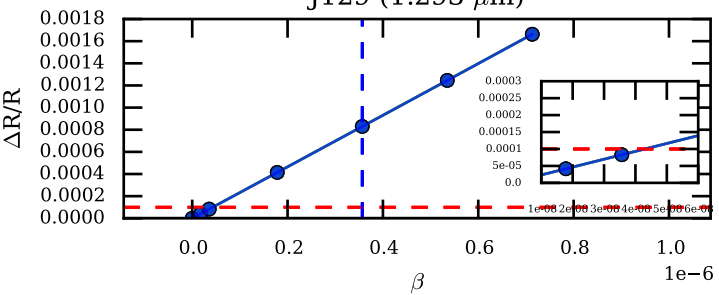
Gaussian(σ=0.1'')*Pixel, no noise. $f = x - \beta x^2$
Object flux: gal_flux=6e4*2.521**(20-20)

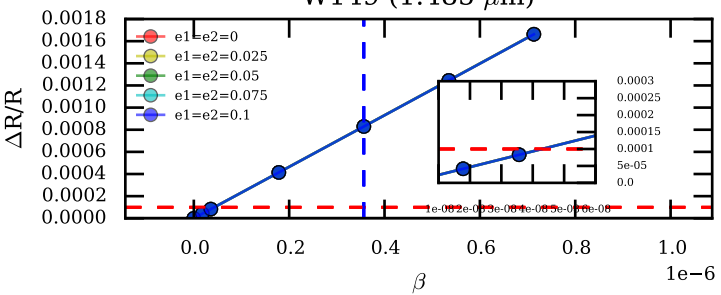


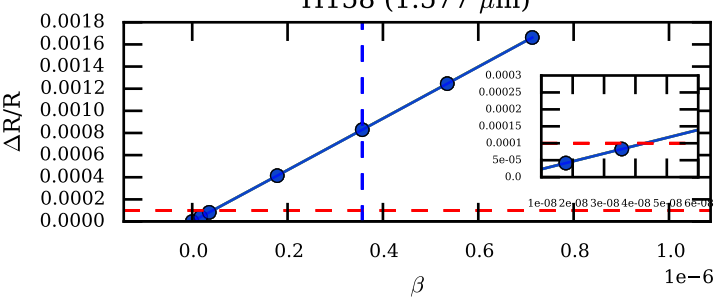
Gaussian(σ=0.1'')*Pixel, no noise. $f = x - \beta x^2$
Object flux: gal_flux=6e4*2.521**(20-20)

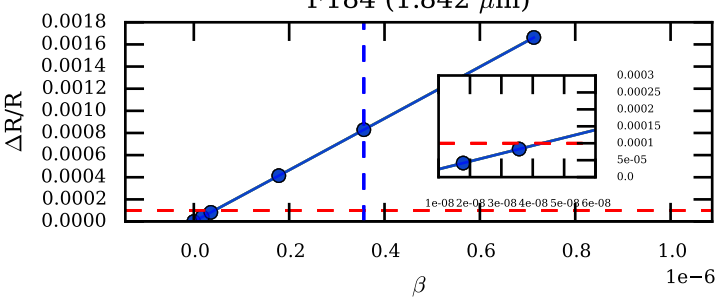


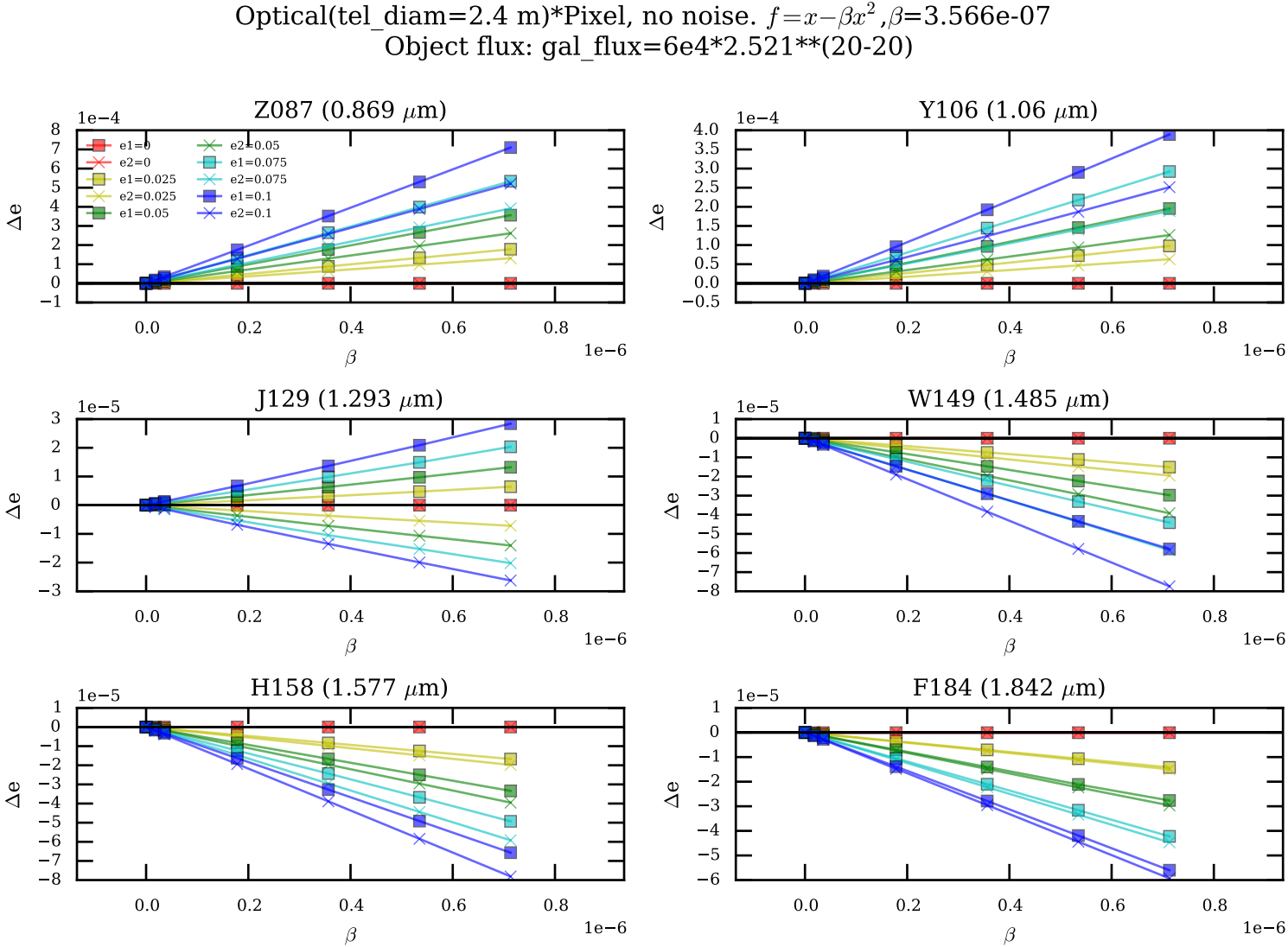
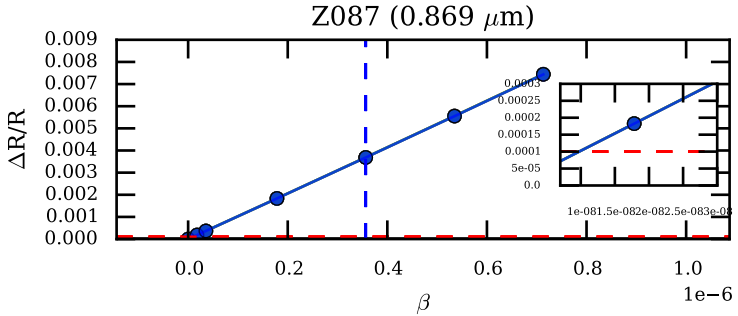
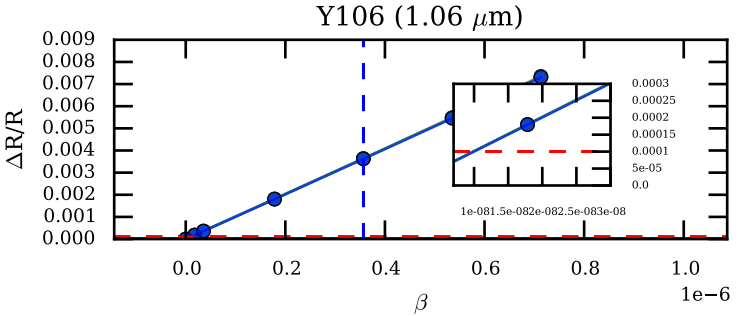
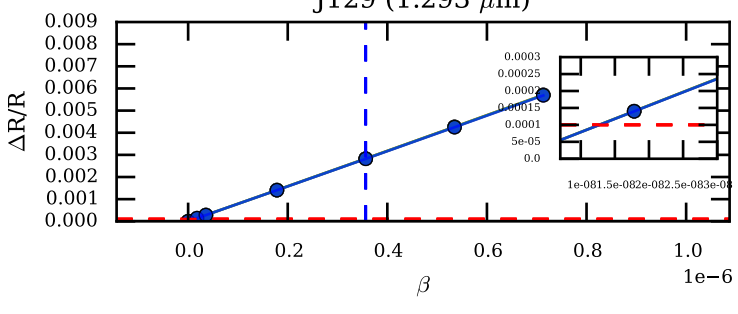
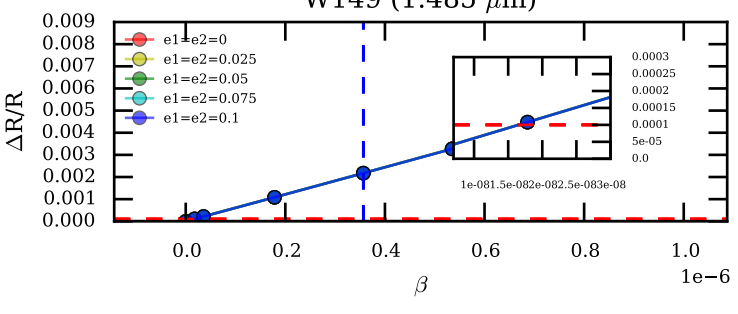
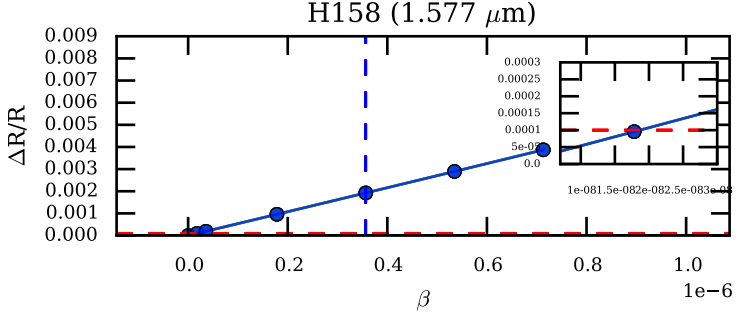
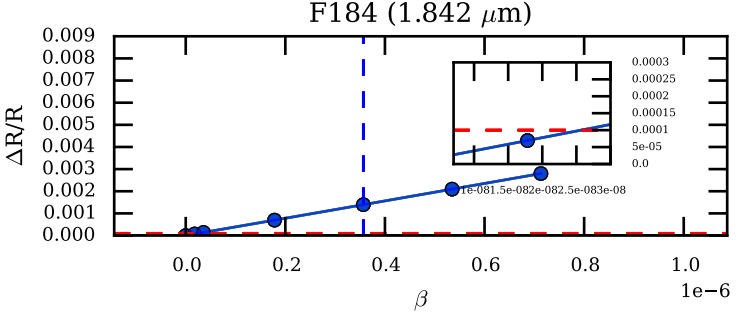











Optical(tel_diam=2.4 m)*Pixel, no noise. $f=x-\beta x^2$,β=3.566e-07
Object flux: gal_flux=6e4*2.521**(20-20)
Z087 (0.869 μm)
Y106 (1.06 μm)
J129 (1.293 μm)
W149 (1.485 μm)
H158 (1.577 μm)
F184 (1.842 μm)
e1=0
e2=0
e1=0.025
e2=0.025
e1=0.05
e2=0.05
e1=0.075
e2=0.075
e1=0.1
e2=0.1
Δe
β
1e−4
1e−5
1e−6

Optical(tel_diam=2.4 m)*Pixel, no noise. $f=x-\beta x^2$,β=3.566e-07
Object flux: gal_flux=6e4*2.521**(20-20)