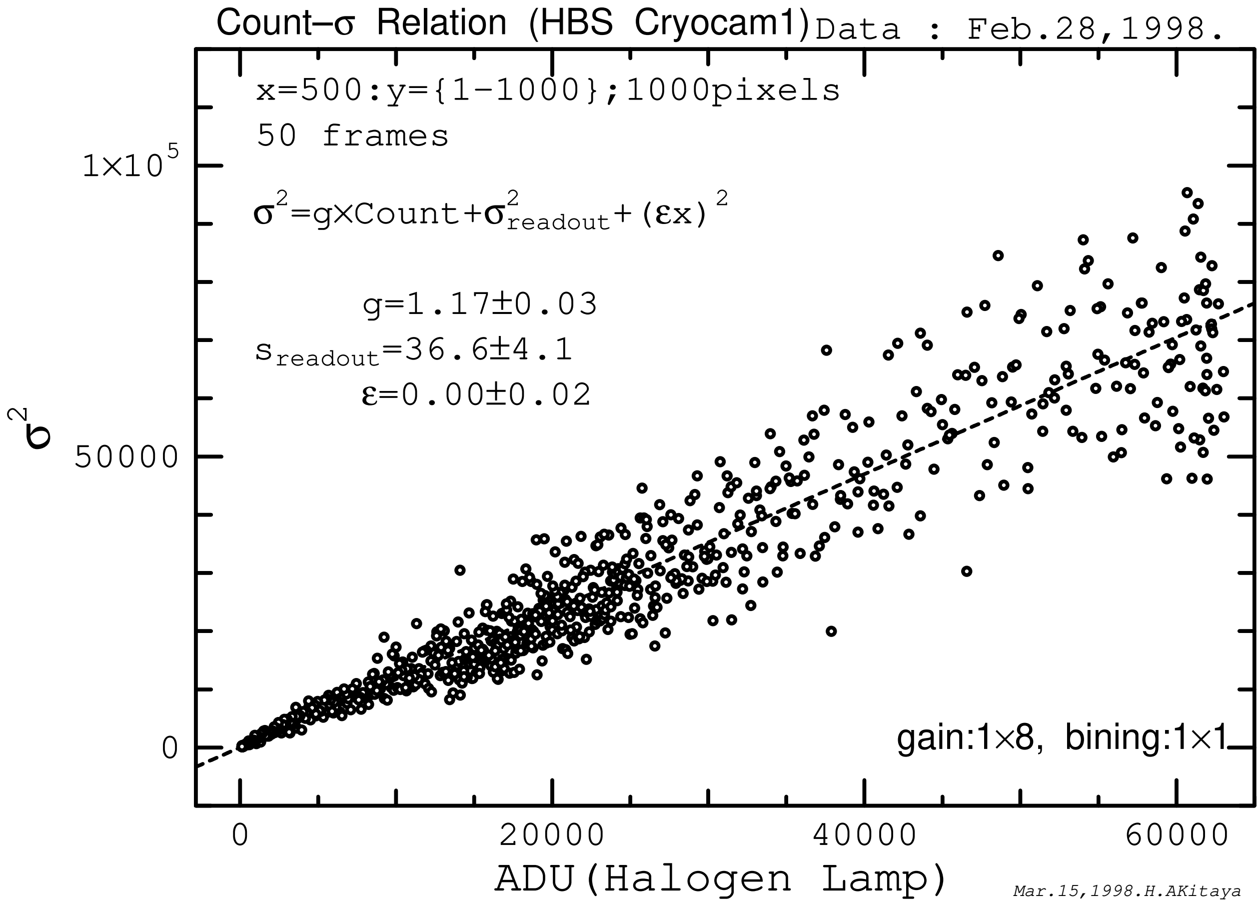
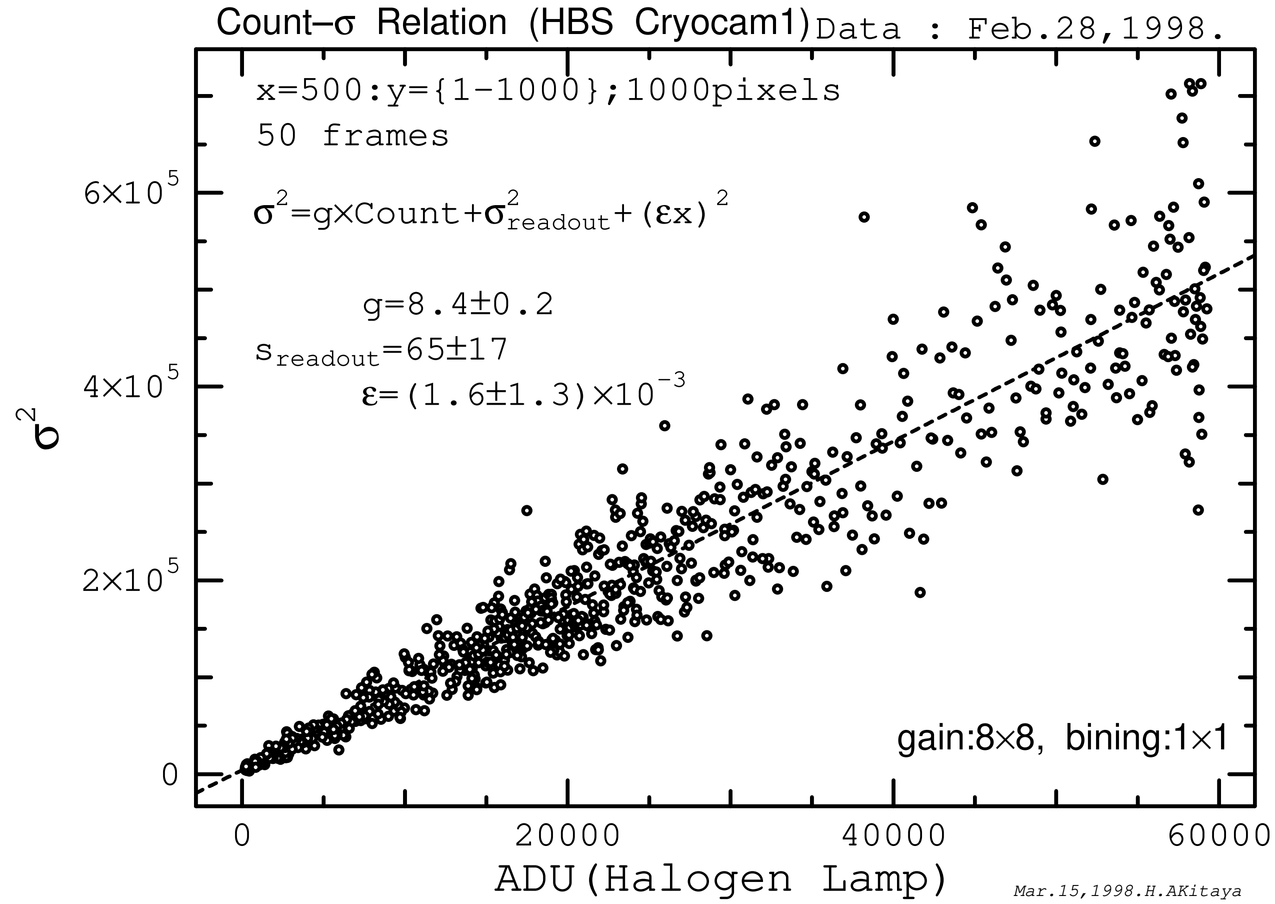


Count–σ Relation (HBS Cryocam1) Data : Feb.28,1998.
x=500:y={1-1000};1000pixels
50 frames
$\sigma^2 = g \times \mathrm{Count} + \sigma^2_{readout} + (\varepsilon x)^2$
g=1.17±0.03
$s_{readout}$=36.6±4.1
ε=0.00±0.02
gain:1×8, bining:1×1
σ^2
1×10^5
50000
0
20000
40000
60000
ADU(Halogen Lamp)
Mar.15,1998.H.AKitaya



Count–σ Relation (HBS Cryocam1) Data : Feb.28,1998.
x=500:y={1-1000};1000pixels
50 frames
$\sigma^2 = g \times \mathrm{Count} + \sigma^2_{readout} + (\varepsilon x)^2$
g=8.4±0.2
$s_{readout}$=65±17
$\varepsilon = (1.6\pm1.3)\times10^{-3}$
gain:8×8, bining:1×1
σ^2
6×10^5
4×10^5
2×10^5
0
20000
40000
60000
ADU(Halogen Lamp)
Mar.15,1998.H.AKitaya