D = $1301^{+66}_{-69}$ pc

$\mu_1 = 0.057^{+0.039}_{-0.045}$ mag

$\sigma_1 = 0.216^{+0.037}_{-0.037}$ mag

$\mu_2 = 1.020^{+0.092}_{-0.085}$ mag

$\sigma_2 = 0.280^{+0.080}_{-0.080}$ mag

$A_G$ baseline

Raw on-cloud stars

Binned off-cloud stars

Binned on-cloud stars

$1301^{+66}_{-69}$ pc

G046.9-02.9

Baseline-subtracted raw on-cloud stars