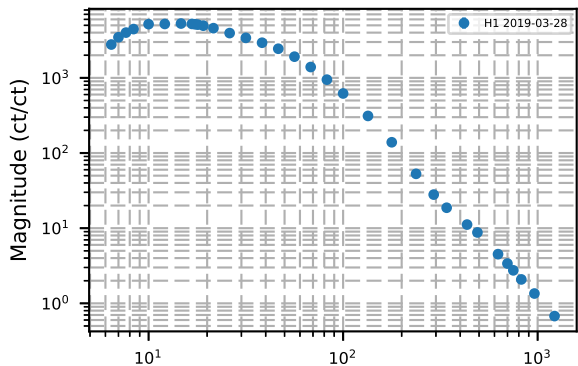
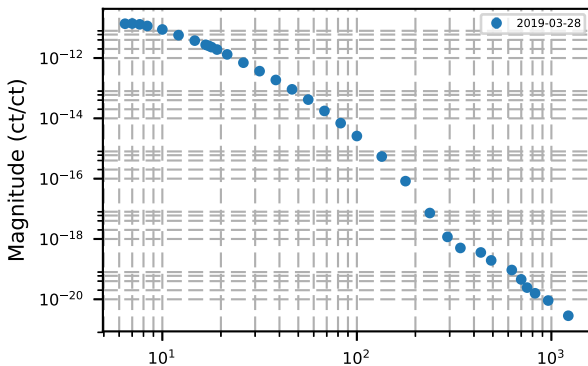
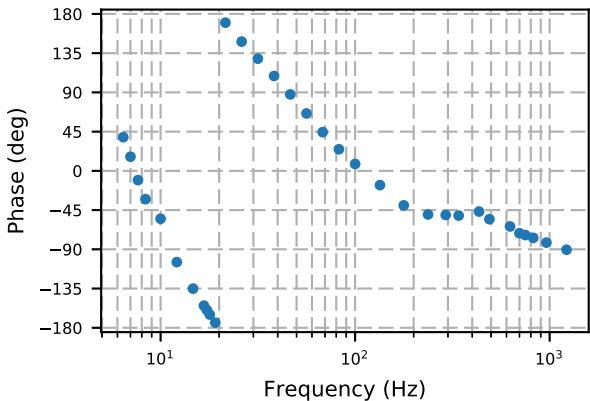


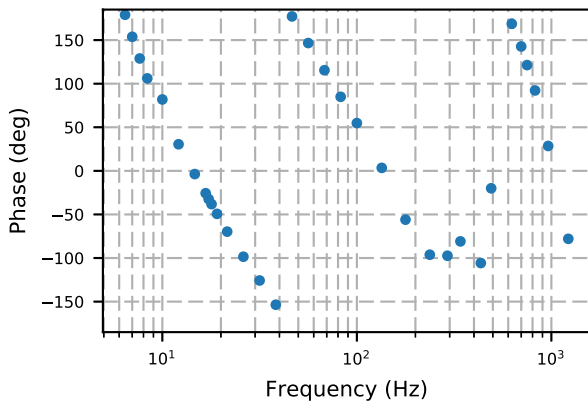
# 2019-03-28 H1 PUM Actuation Function: Raw Imported Data



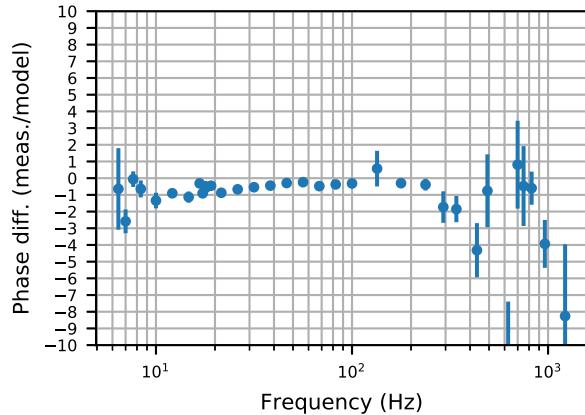
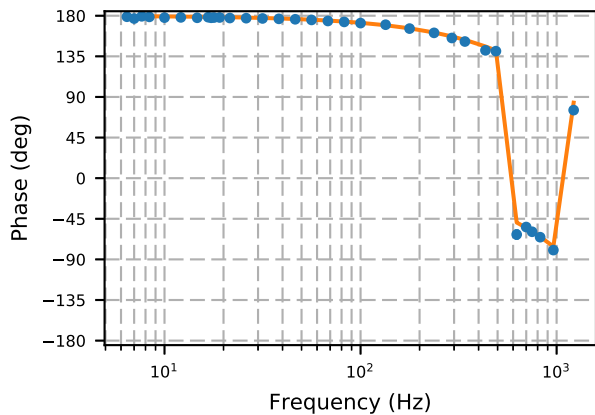
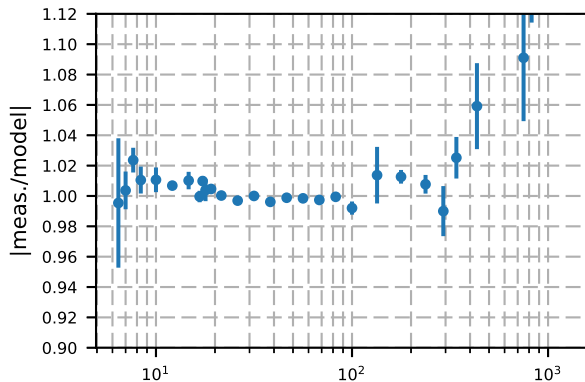
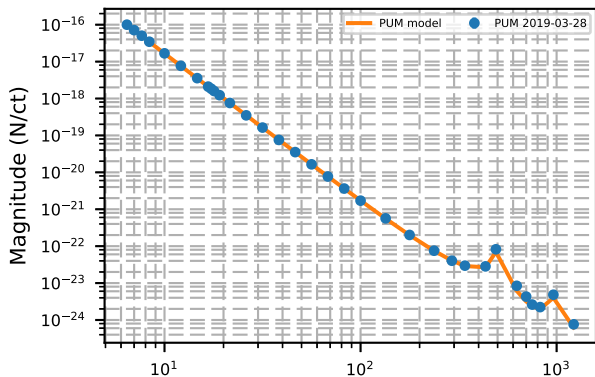
$\wedge$  DARM IN1 / PCALY v



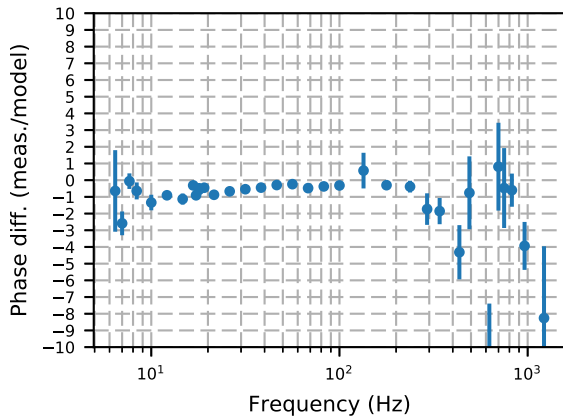
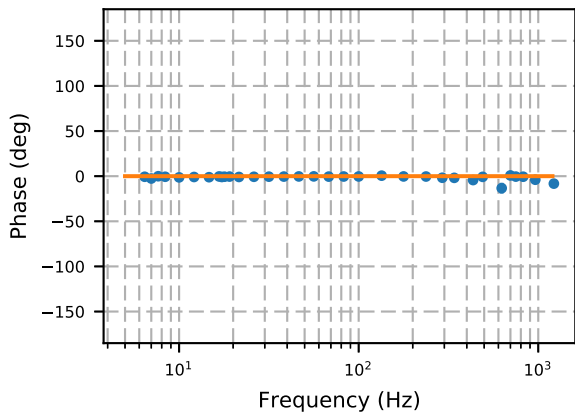
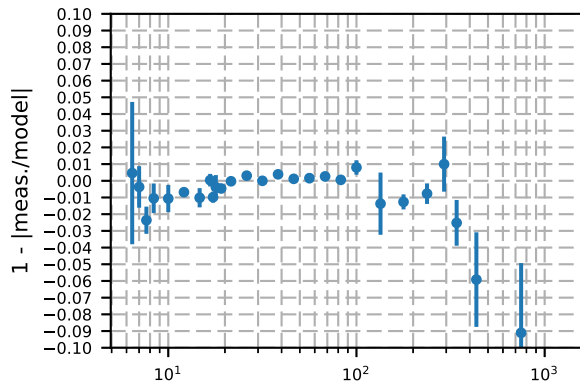
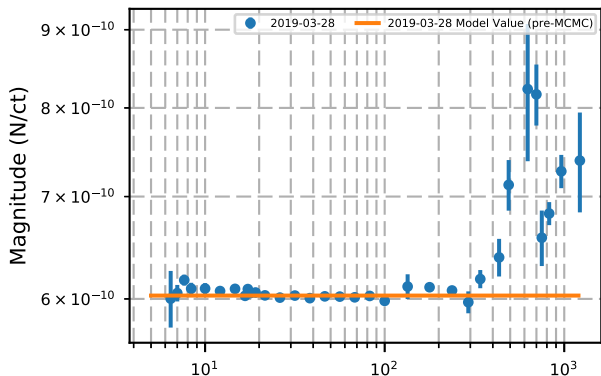
$\wedge$  DARM IN1 / PUM CALexc v



# 2019-03-28 H1 PUM Actuation Function: (PCAL/iStage SUS EXC) vs. Model

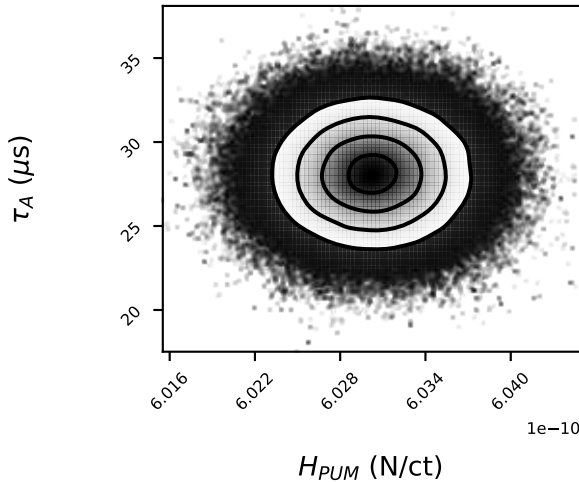
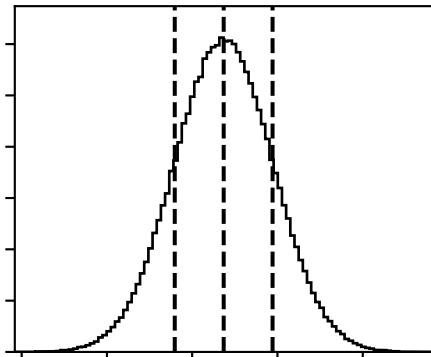


# 2019-03-28 H1 PUM Actuation Function: Meas/Model Residual (Input to MCMC)

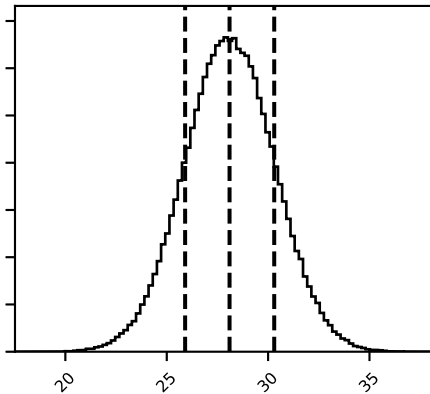


# 2019-03-28 H1 PUM Actuation Function: MCMC Corner Plot

$$H_{PUM} \text{ (N/ct)} = 6.03e-10^{+3.44e-13}_{-3.44e-13}$$



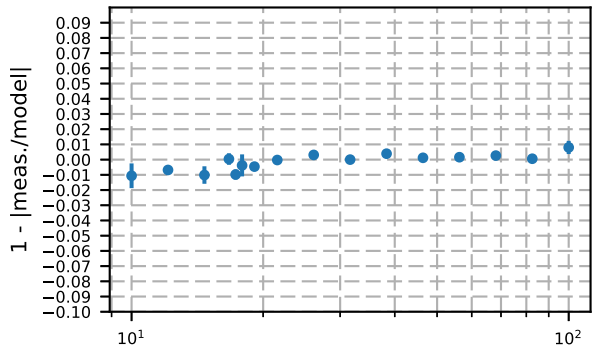
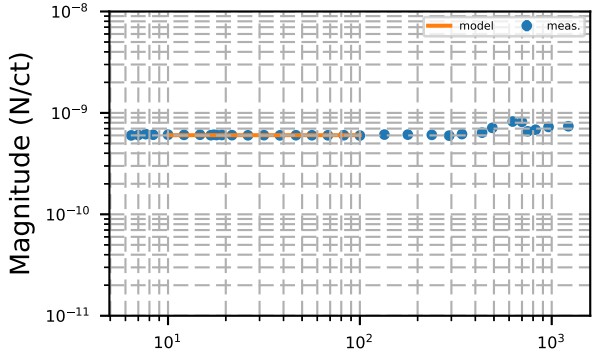
$$\tau_A \text{ (}\mu\text{s)} = 28.1^{+2.2}_{-2.19}$$



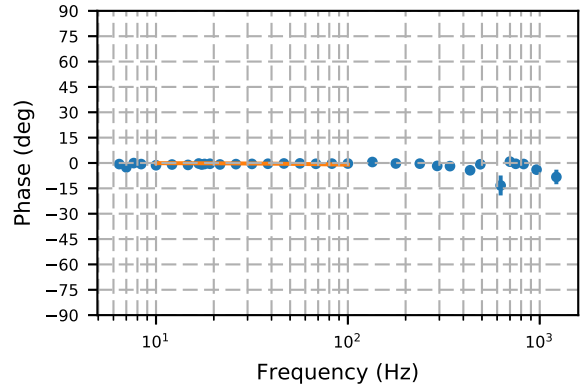
$\tau_A$  ( $\mu\text{s}$ )

# 2019-03-28 H1 PUM Actuation Function: MCMC Fit vs. Meas. Residual Input

Fit Range: 10-100 Hz



$$H_{PUM} = 6.03e - 10^{+3.4e-13}_{-3.4e-13} \text{ (N/ct)}$$



$$\tau_A = 28.1^{+2.2}_{-2.2} \text{ (\mu s)}$$

