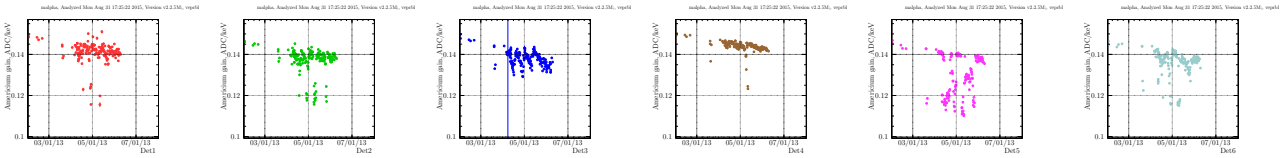
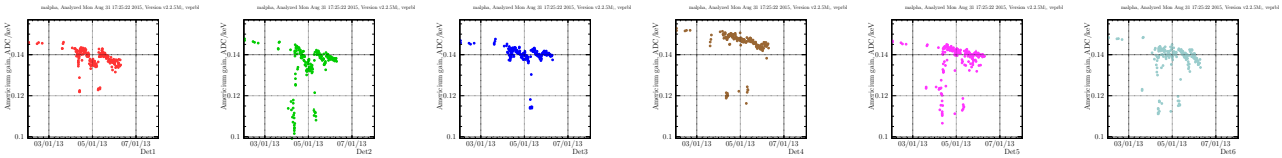
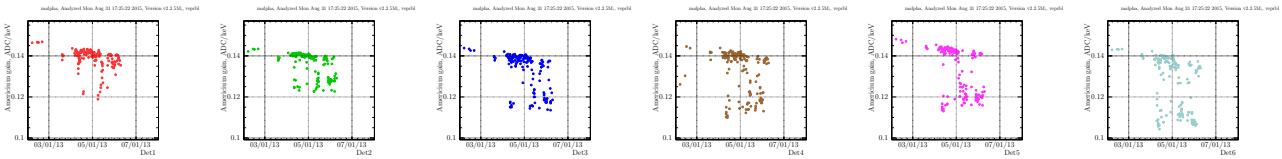
1 run13_alpha_malpha



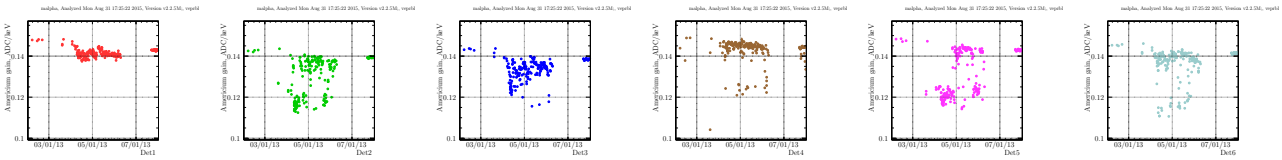
(a) B1U



(b) B2D

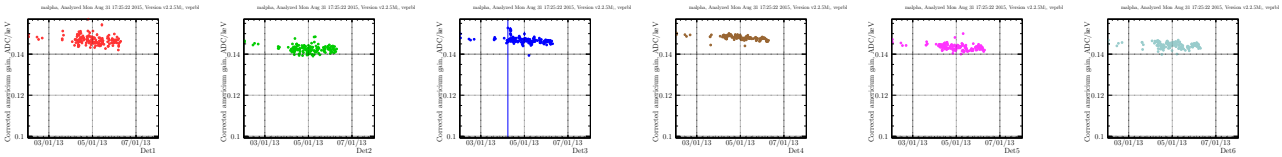


(c) Y1D

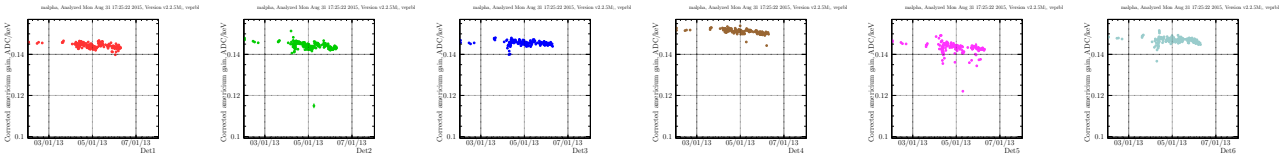


(d) Y2U

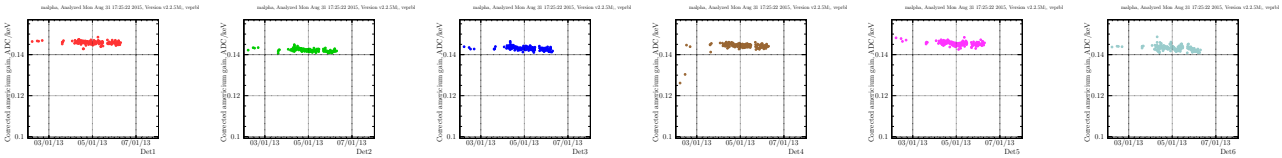
Figure 1: Time dependence of the detector gain g_{Am} as measured with α-particles emitted by the ^{241}Am source. Colors represent individual detectors. (run13_alpha_malpha)



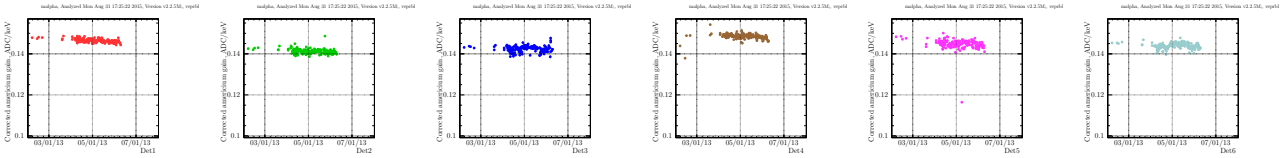
(a) B1U



(b) B2D

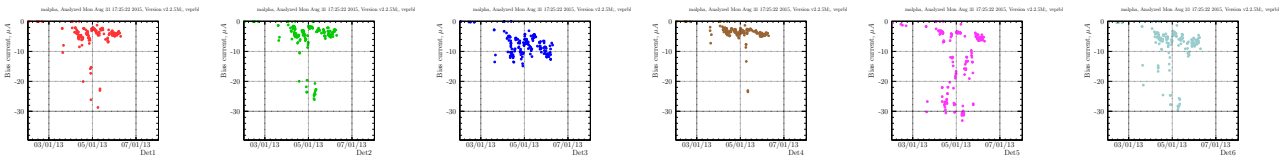


(c) Y1D

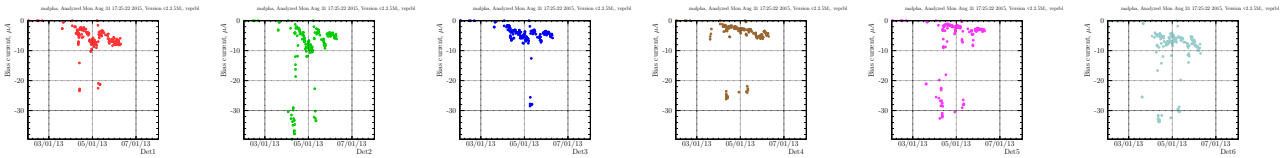


(d) Y2U

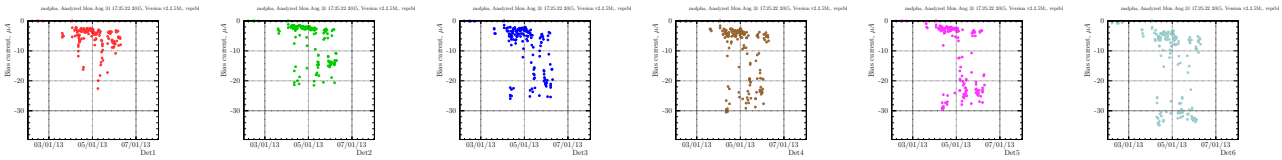
Figure 2: Time dependence of the detector gain g_{Am} that was corrected to zero bias current using the slope from Section 1. (run13_alpha_malpha)



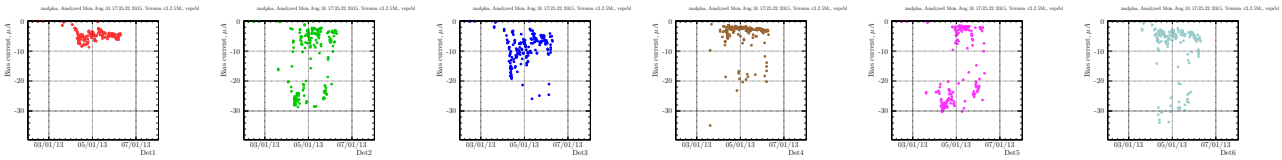
(a) B1U



(b) B2D

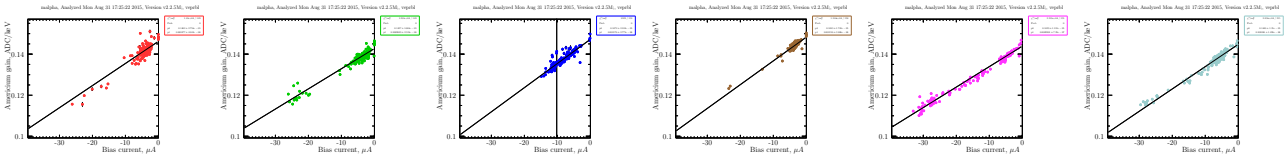


(c) Y1D

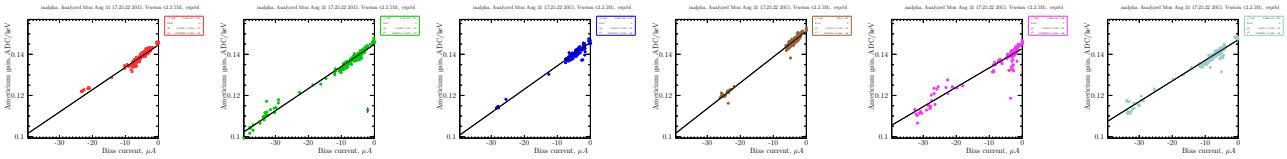


(d) Y2U

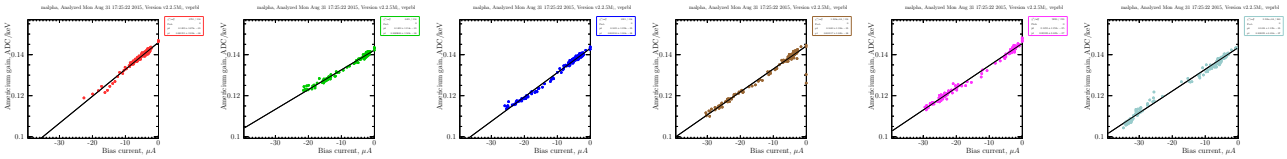
Figure 3: Bias current during individual alpha measurements. (run13_alpha_malpha)



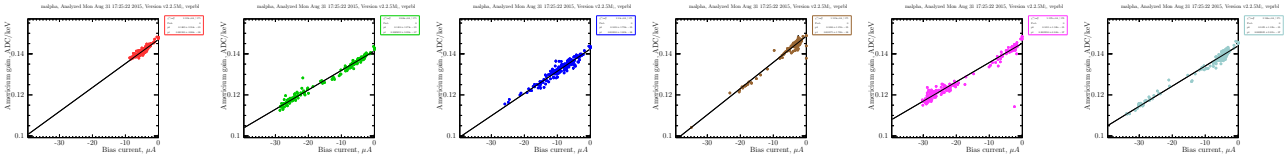
(a) B1U



(b) B2D



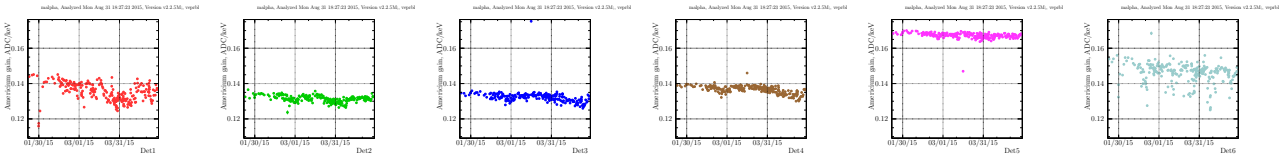
(c) Y1D



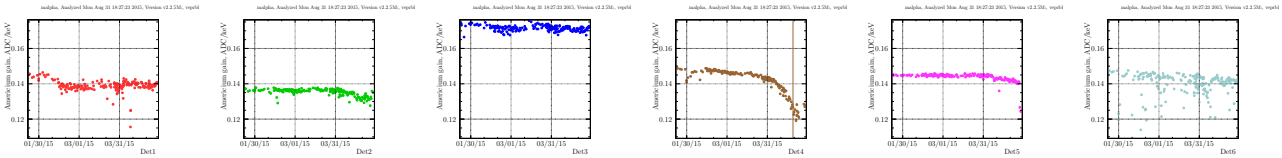
(d) Y2U

Figure 4: Bias current versus americium gain ($\mu_{\mathrm{Am}}/E_{\mathrm{Am}}$) dependency. The colors represent different detectors. (run13_alpha_malpha)

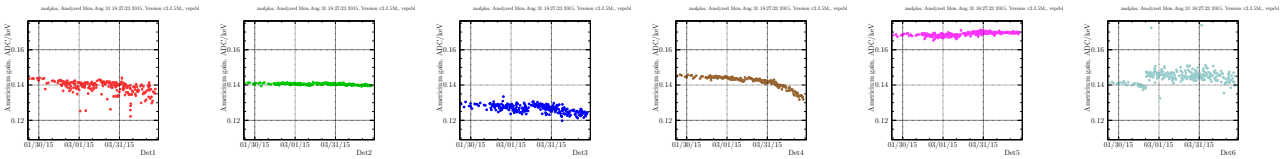
2 run15_alpha_pp_malpha



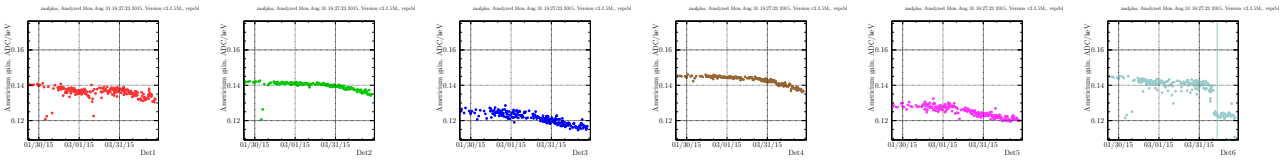
(a) B1U



(b) B2D

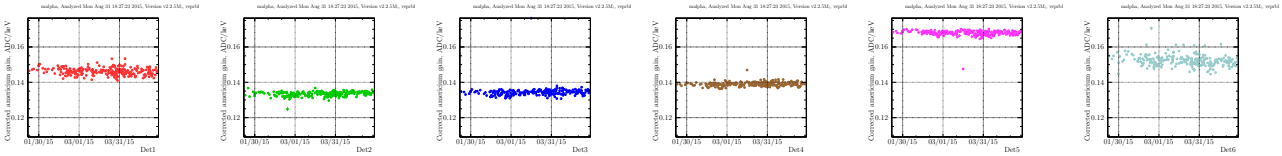


(c) Y1D

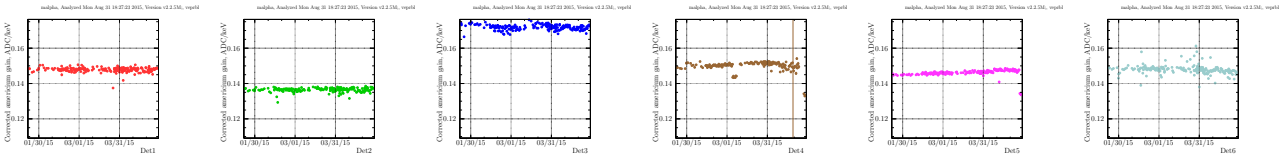


(d) Y2U

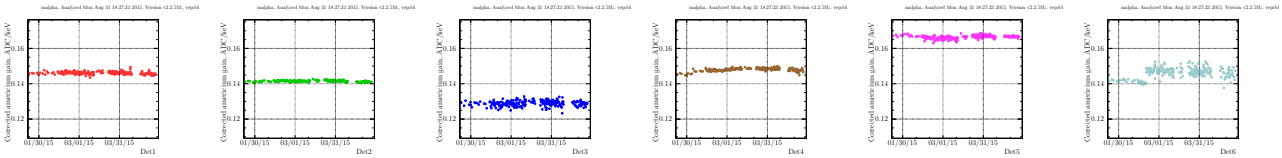
Figure 5: Time dependence of the detector gain g_{Am} as measured with α-particles emitted by the ^{241}Am source. Colors represent individual detectors. (run15_alpha_pp_malpha)



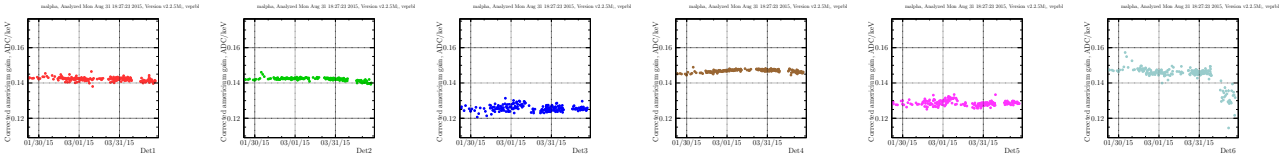
(a) B1U



(b) B2D

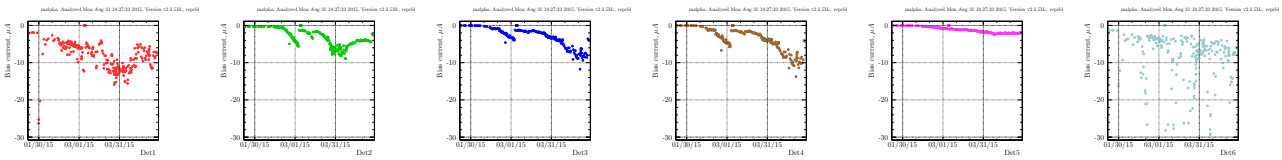


(c) Y1D

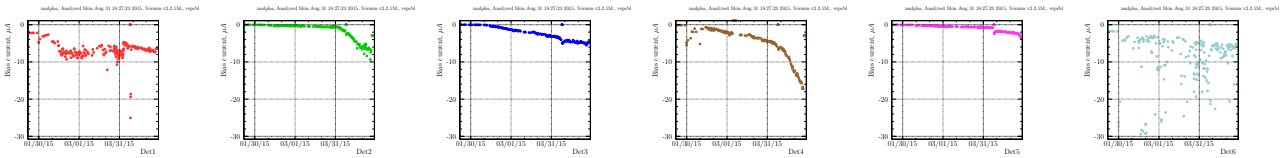


(d) Y2U

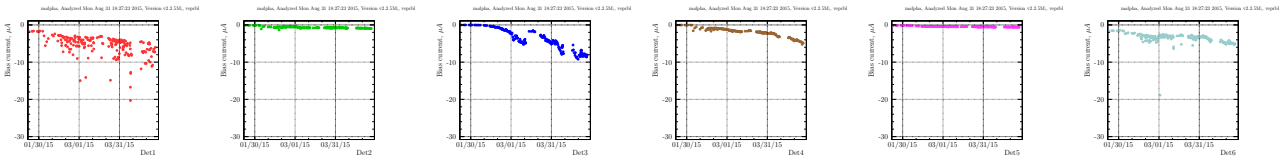
Figure 6: Time dependence of the detector gain g_{Am} that was corrected to zero bias current using the slope from Section 2. (run15_alpha_pp_malpha)



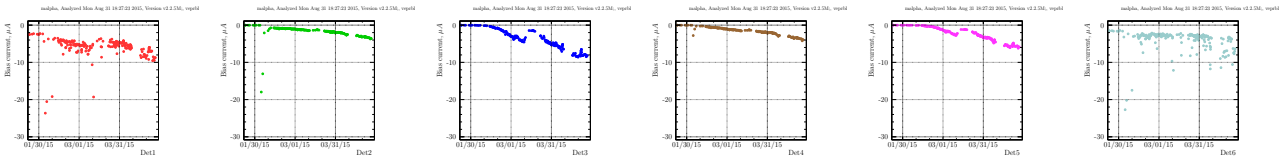
(a) B1U



(b) B2D

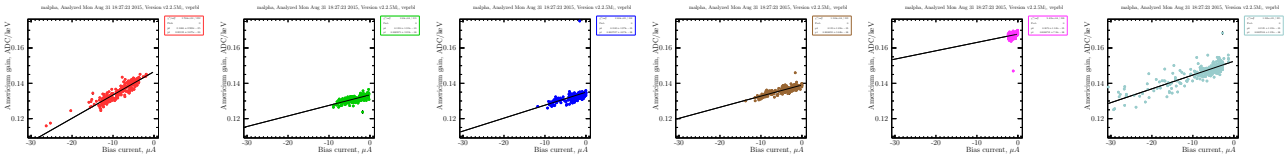


(c) Y1D

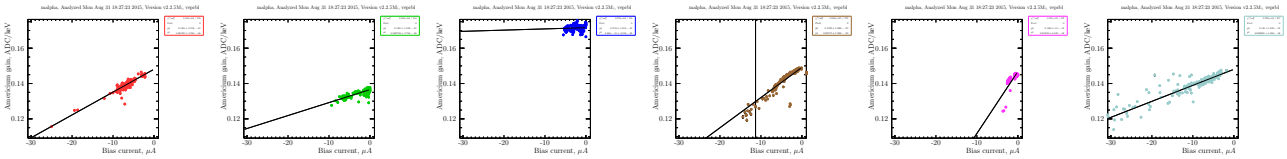


(d) Y2U

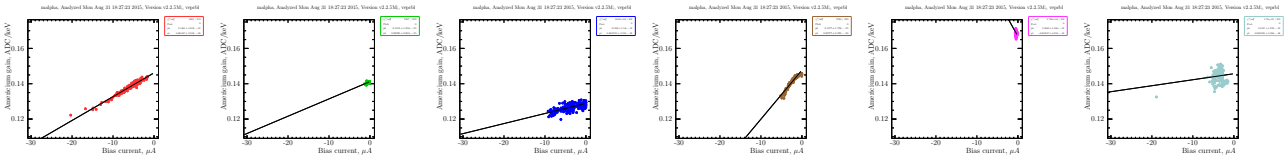
Figure 7: Bias current during individual alpha measurements. (run15_alpha_pp_malpha)



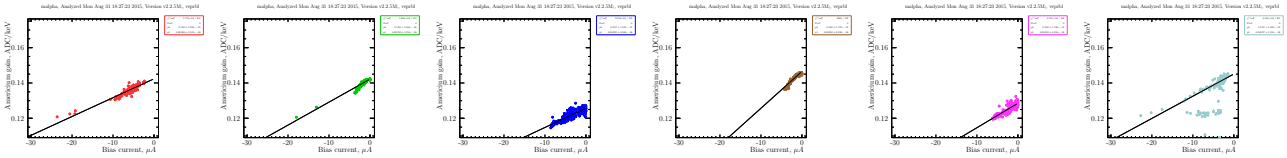
(a) B1U



(b) B2D



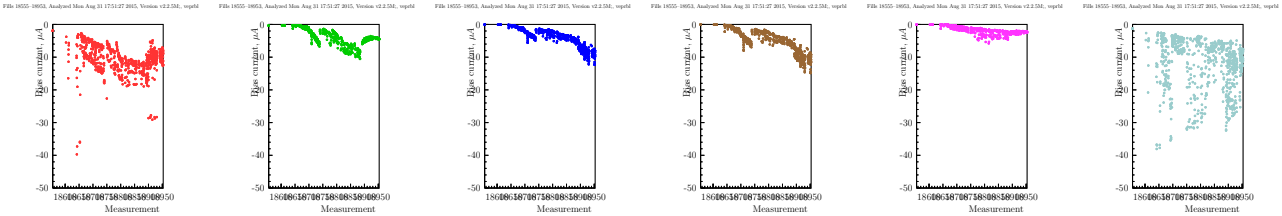
(c) Y1D



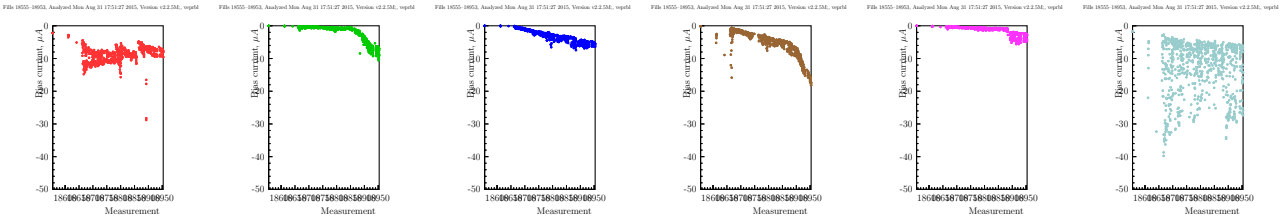
(d) Y2U

Figure 8: Bias current versus americium gain ($\mu_{\mathrm{Am}}/E_{\mathrm{Am}}$) dependency. The colors represent different detectors. (run15_alpha_pp_malpha)

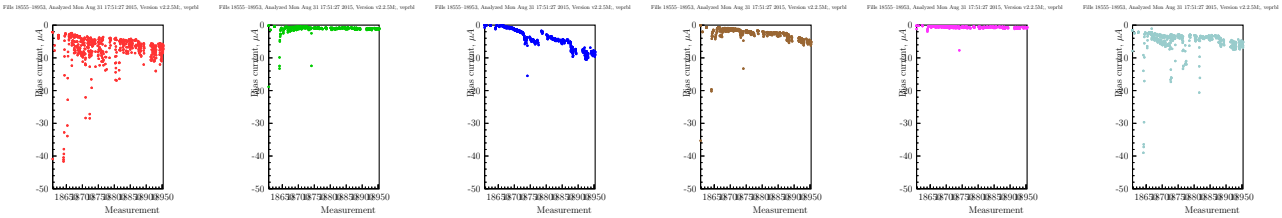
2.1 Bias currents during the measurements (run15_phys)



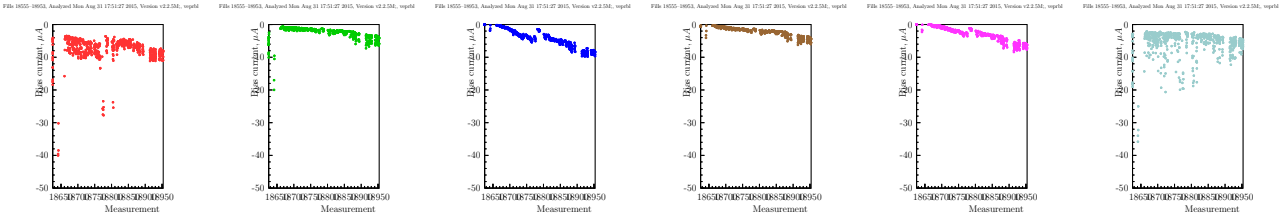
(a) B1U



(b) B2D

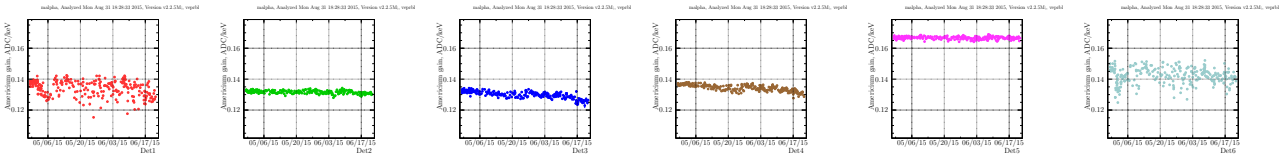


(c) Y1D

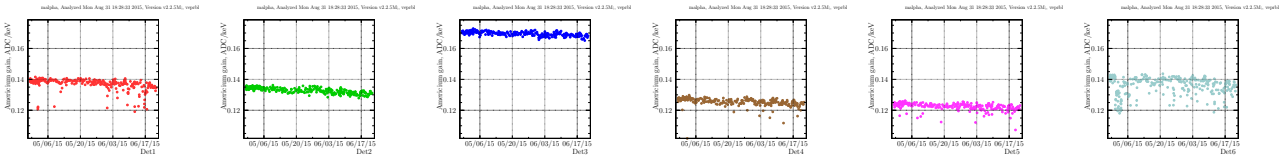


(d) Y2U

3 run15_alpha_pA_malpha

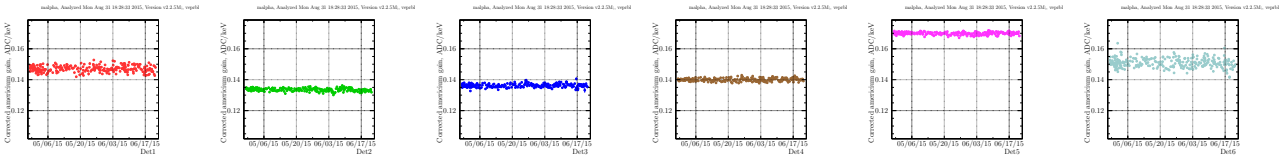


(a) B1U

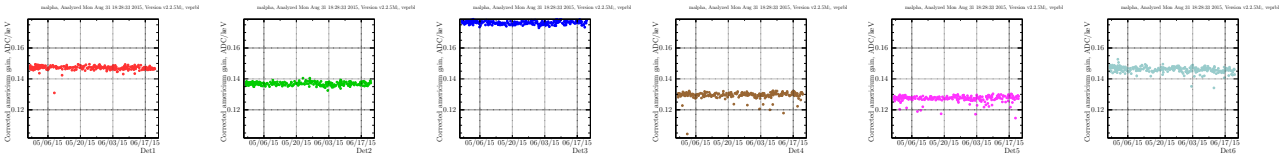


(b) B2D

Figure 10: Time dependence of the detector gain g_{Am} as measured with α-particles emitted by the ^{241}Am source. Colors represent individual detectors. (run15_alpha_pA_malpha)

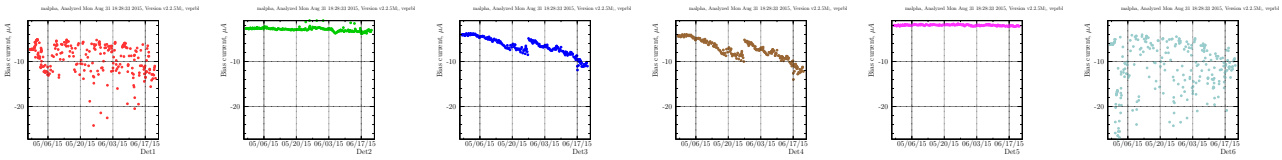


(a) B1U

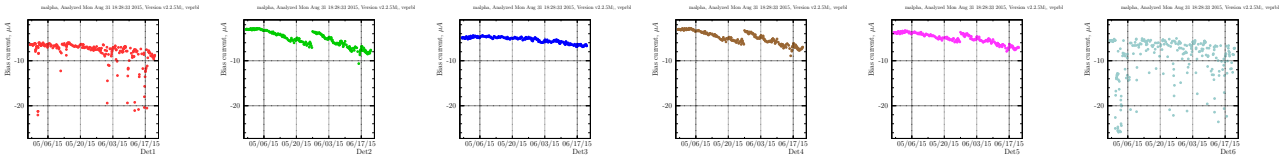


(b) B2D

Figure 11: Time dependence of the detector gain g_{Am} that was corrected to zero bias current using the slope from Section 3. (run15_alpha_pA_malpha)

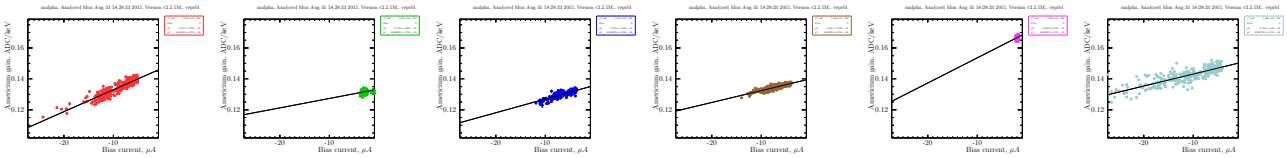


(a) B1U

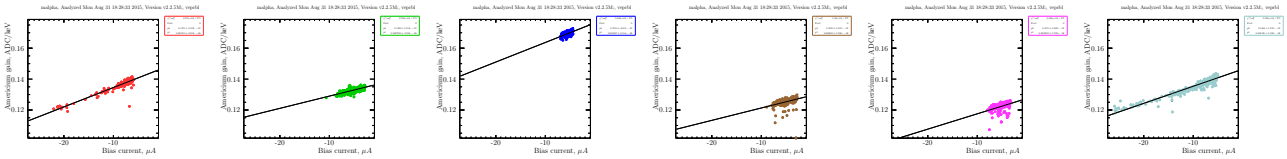


(b) B2D

Figure 12: Bias current during individual alpha measurements. (run15_alpha_pA_malpha)



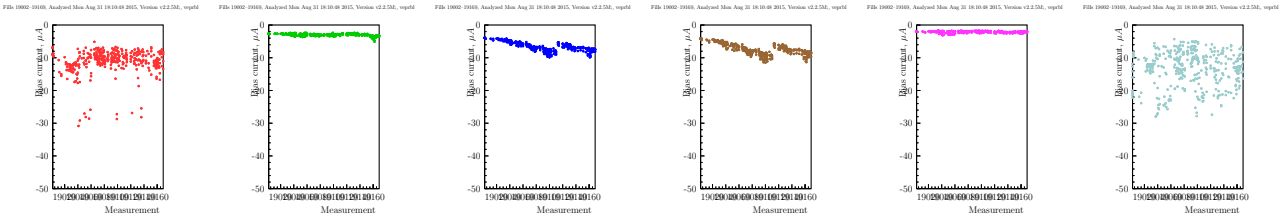
(a) B1U



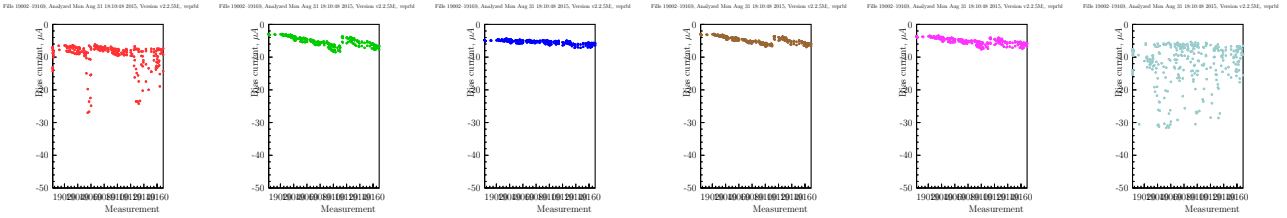
(b) B2D

Figure 13: Bias current versus americium gain ($\mu_{\mathrm{Am}}/E_{\mathrm{Am}}$) dependency. The colors represent different detectors. (run15_alpha_pA_malpha)

3.1 Bias currents during the measurements (run15_pA)



(a) B1U



(b) B2D