TAGH Timewalk

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Timewalk correction

$$t = t_{tdc} - tw(A)$$

- A: pedestal-subtracted ADC pulse amplitude

$$tw(A) = p_0 + \frac{p_1}{A^{p_2}} \qquad \text{if A < p3}$$

$$tw(A) = p_0 + \frac{p_1}{p_3^{p_2}}(1 + p_2) - \frac{p_1 p_2}{p_3^{p_2+1}}A \qquad \text{if A > p3}$$

Run 3180