

Heuristic fitting dl/dt and TOP rate are also improved







Heuristic fitting SVD and CDC fit likely underestimated Touschek



number will help







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- Fitting P(t) with P(t-dt), I(t) and I(t-dt) doesn't work very well
 - Large measurement error
- - Derived from $\frac{dP_{CCG}}{dt} \propto \frac{P_{beam}(t) P_{CCG}(t)}{Resistance}$
 - Still difficult when beam increasing is included
- law

P(t-dt) is already a good approximation of P(t) with dt around 1 s. Fitting P(t+N*dt) - P(t) using P_{CCG}(t + ∑_i^N Δt_i) - P_{CCG}(t) = C ∫_t^{t+∑_i^N Δt_i} (P_{beam}(τ) - P_{CCG}(τ)) dτ,

Switching to an easier strategy to fit only pressure decay with exponential





corresponds to three years.





Fitting all CCGs is challenging Low pressure sections have no data







P vs I looks ok

Fitting all CCGs is challenging Low pressure sections have no data



1400

1600

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• The estimated P₀ for D04_L02 is 7.7e-8 Pa



lastSample[5(s)]



in heuristic fit?