Inside the SciFi stations (medium mag. field) magnet SciFi VELO

Empirical parametrization depending on
$$q/p$$
 and y for prediction

 $t_x' = t_x + par_1 \frac{q}{p} + par_2 \left(\frac{q}{p}\right)^3 + par_3 y^2 \frac{q}{p} \left|\frac{q}{p}\right|$