Pion and T2 Asymmetry

Aidan M. Kelleher
The College of William & Mary

October 22, 2007

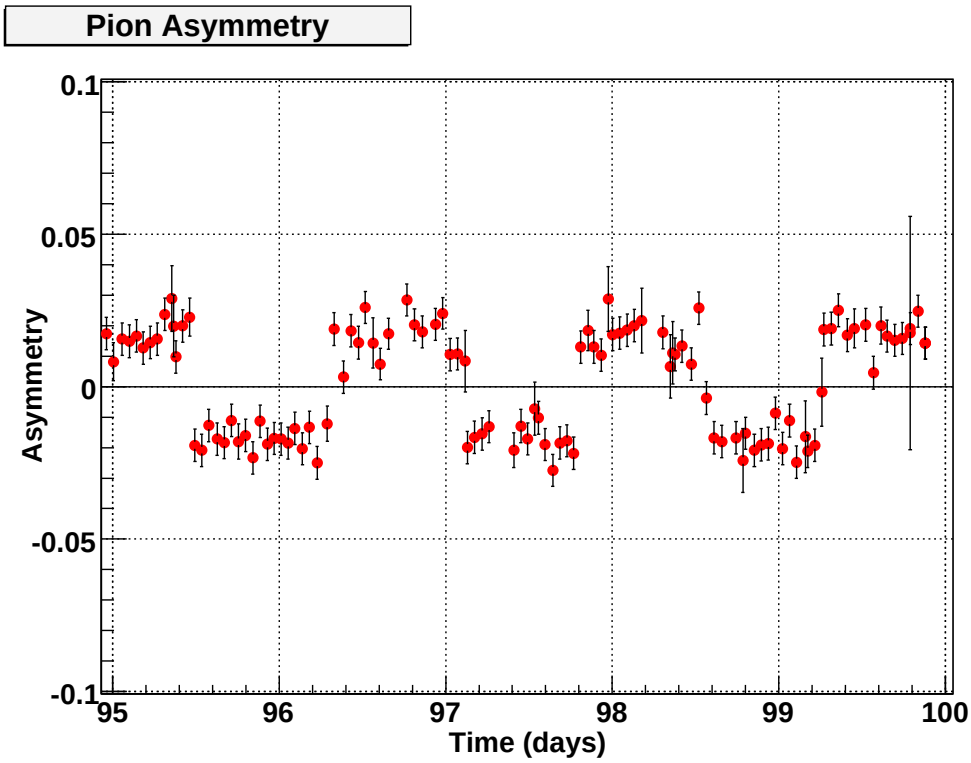

Figure 1: **Pion Asymmetry – All Momenta.** The Pion Asymmetry with no cuts restricting the momenta. $\chi^2/\text{ndf} = 9.693/18$ for days 95.5 to 96.3

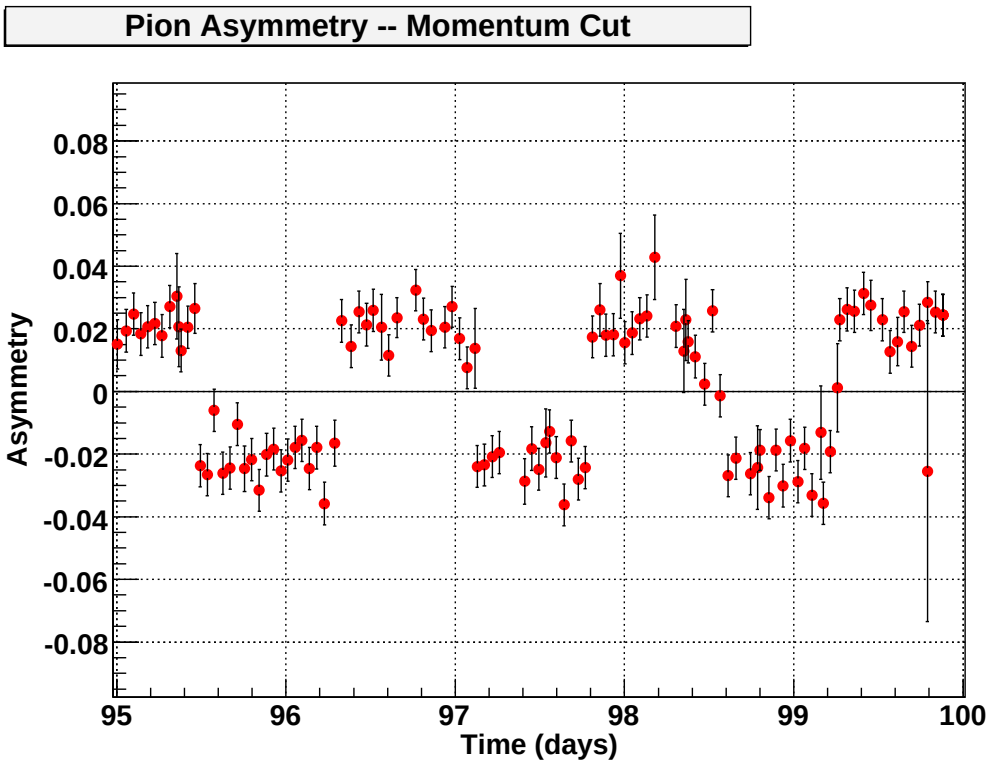

Figure 2: **Pion Asymmetry – Momentum Cut.** The Pion Asymmetry with momentum restricted to $0.90 < p < 1.80$. $\chi^2/\text{ndf} = 18.66/18$ for days 95.5 to 96.3

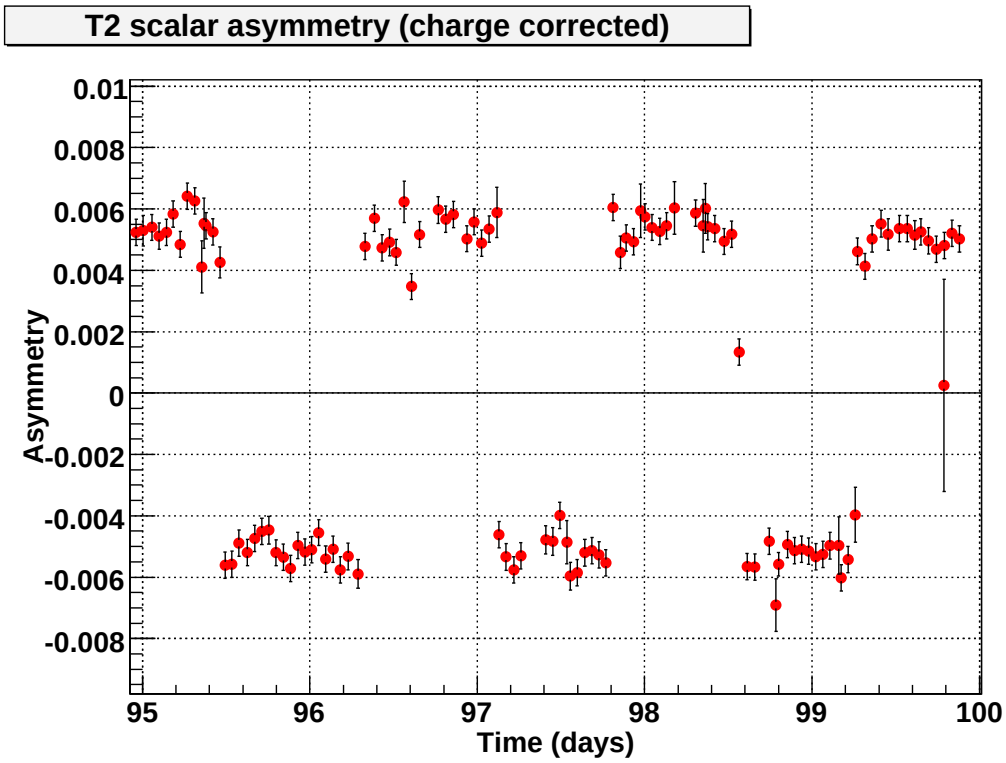

Figure 3: **T2 Asymmetry.** The T2 asymmetry with charge corrections. χ^2/ndf = 17.1/18 for days 95.5 to 96.3

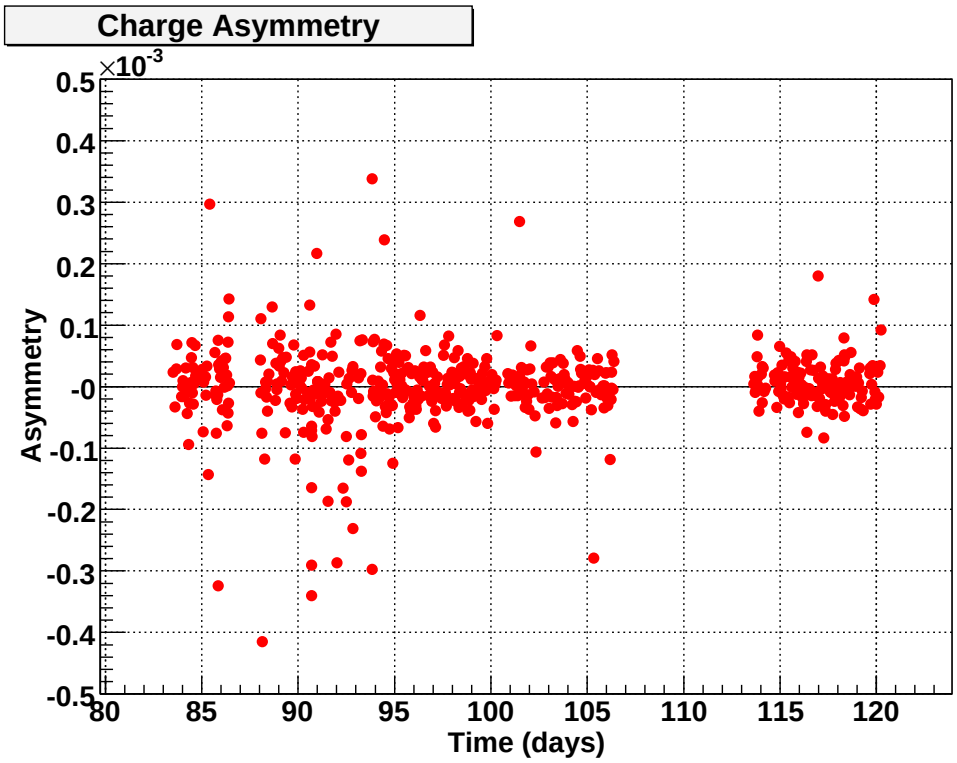

Figure 4: **Charge Asymmetry.** Both T2 asymmetry and pion asymmetry with momentum cuts ahve been corrected for charge asymmetry. These are the corrections – which are significant for the T2 asymmetry.