

RHIC p-Carbon Polarimeter

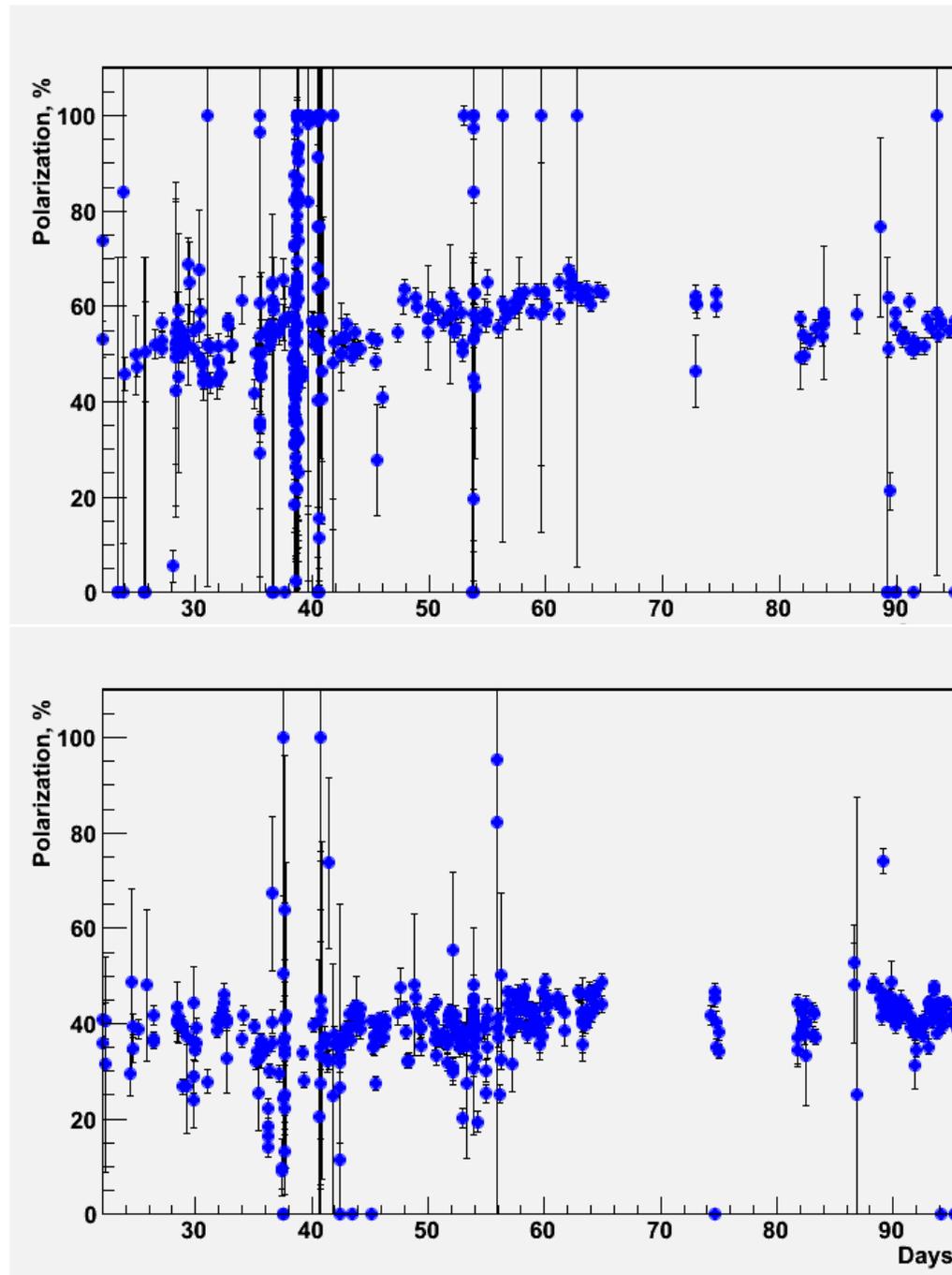
Status

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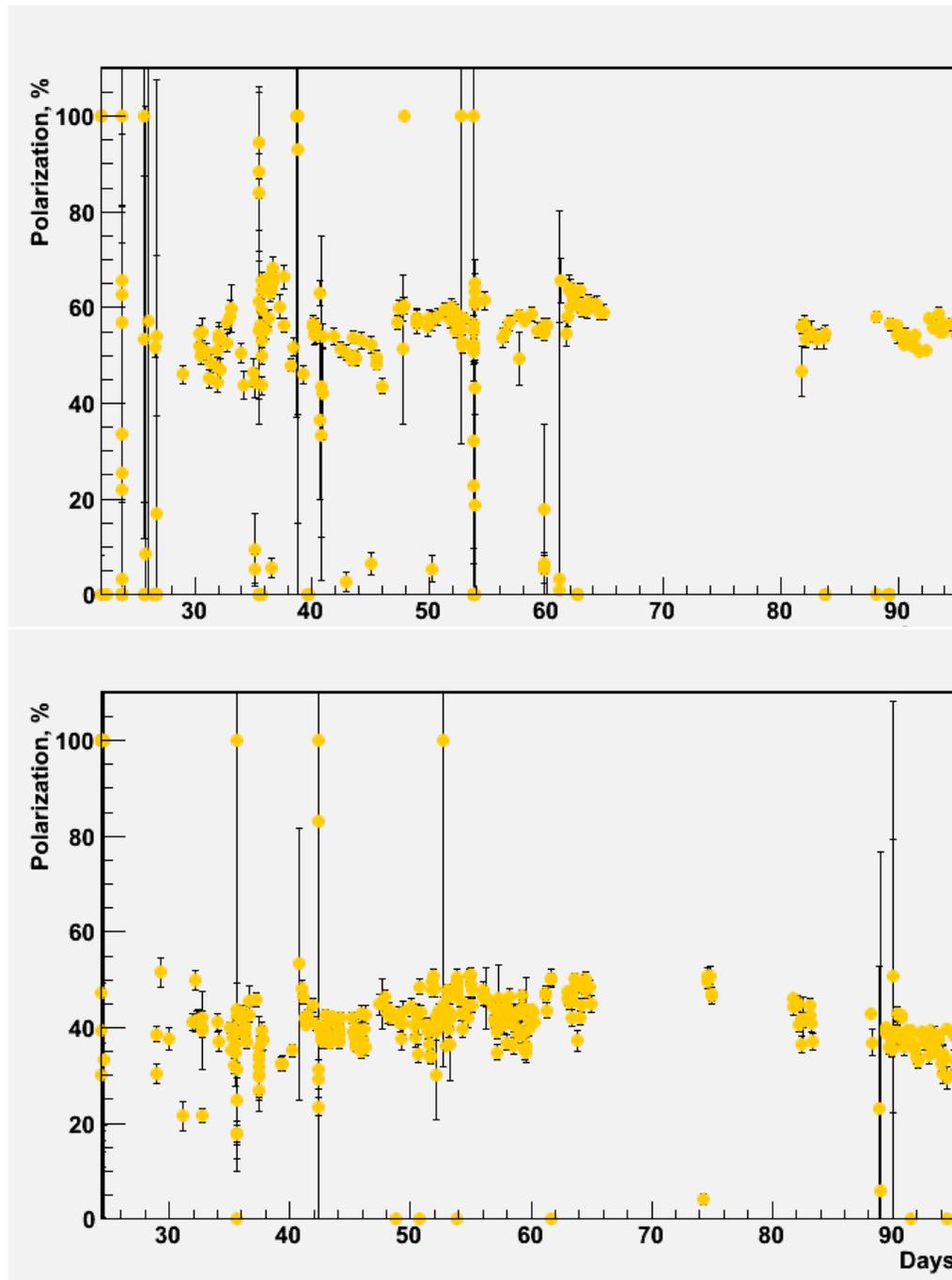
April 7, 2011

- All p-Carbon runs processed upto 15:00, April 6

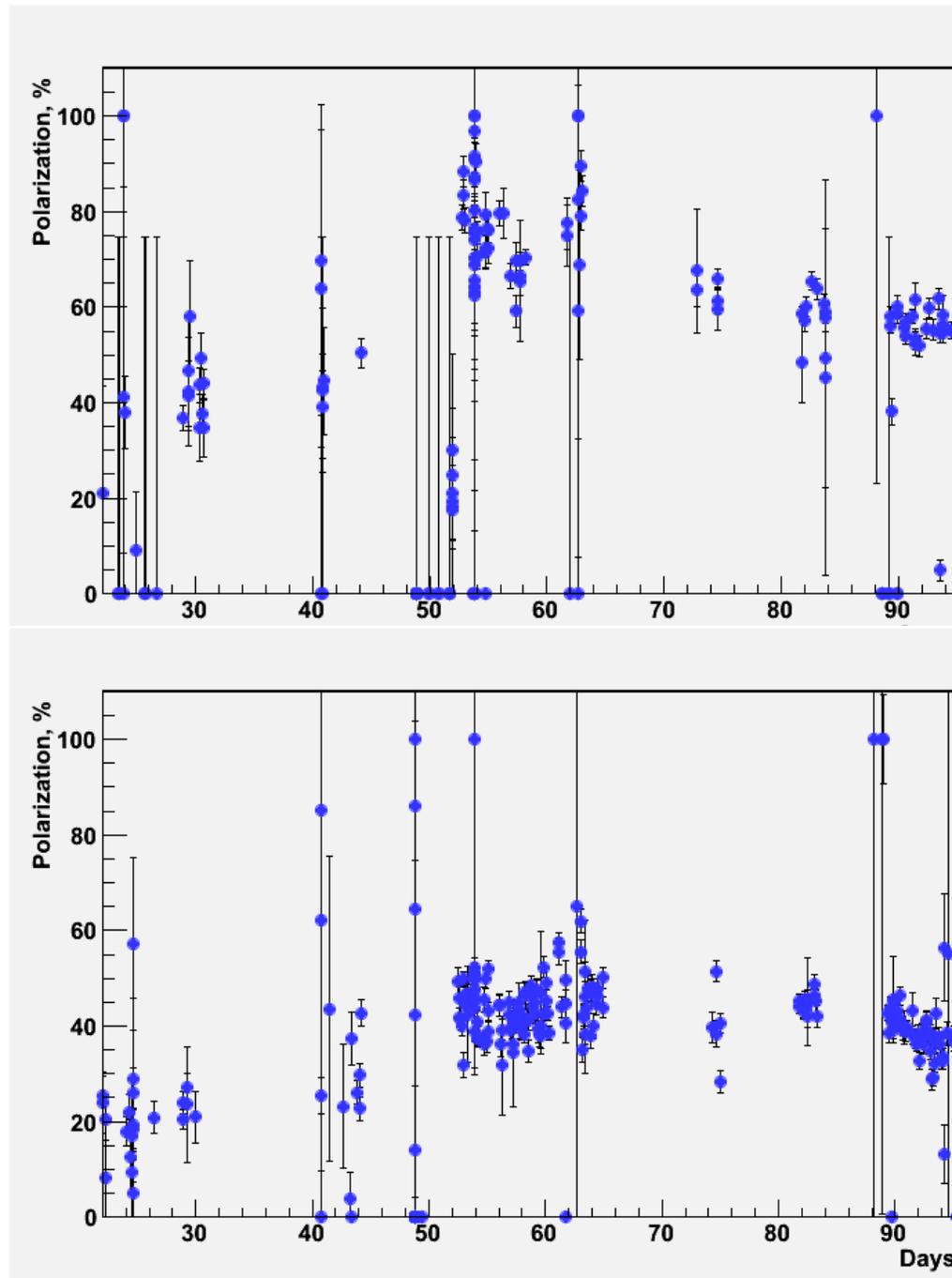
B1U Polarization at Injection and Flattop (days since Jan² 1)⁰



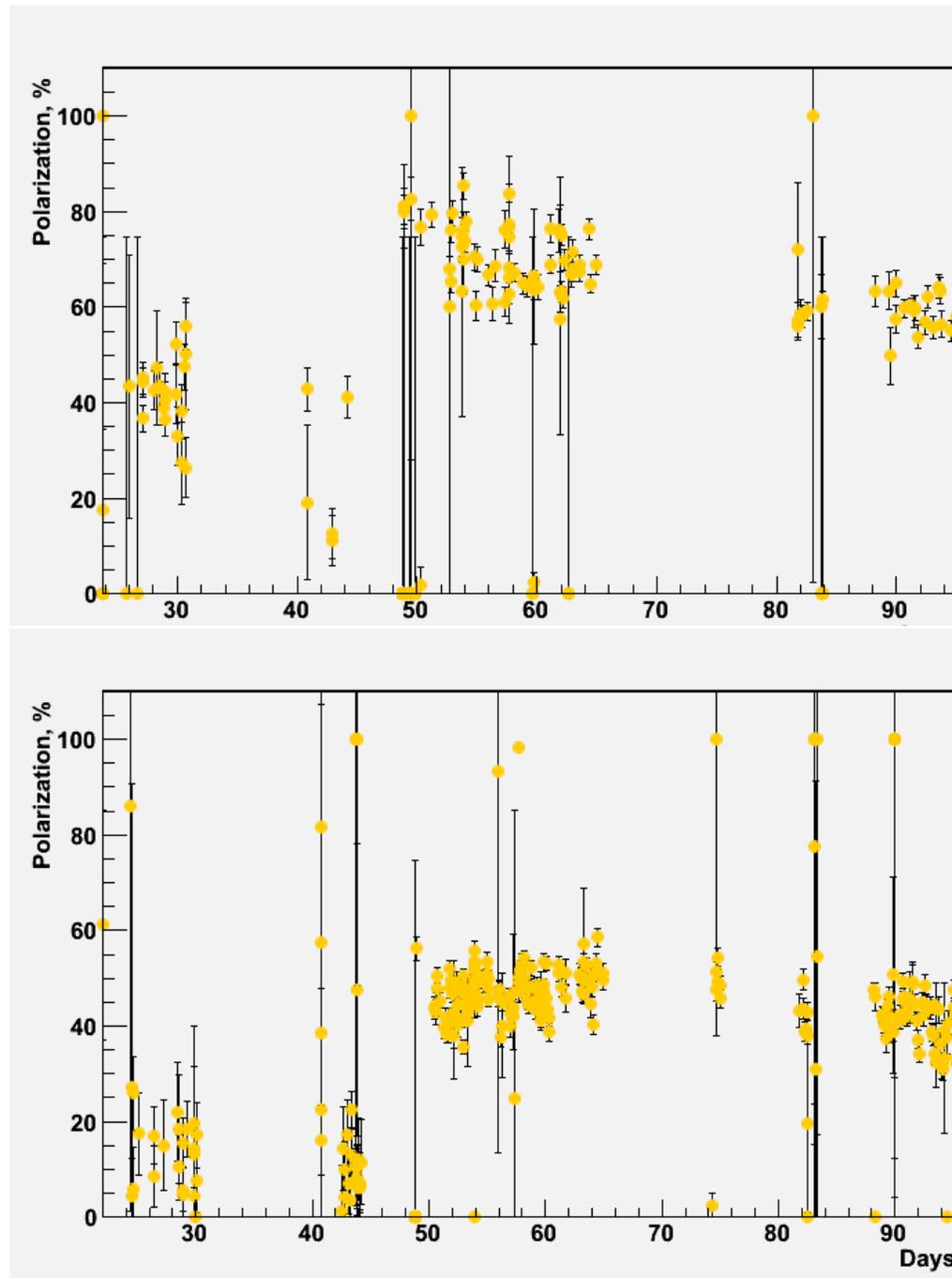
Y2U Polarization at Injection and Flattop (days since Jan³ 1)⁰



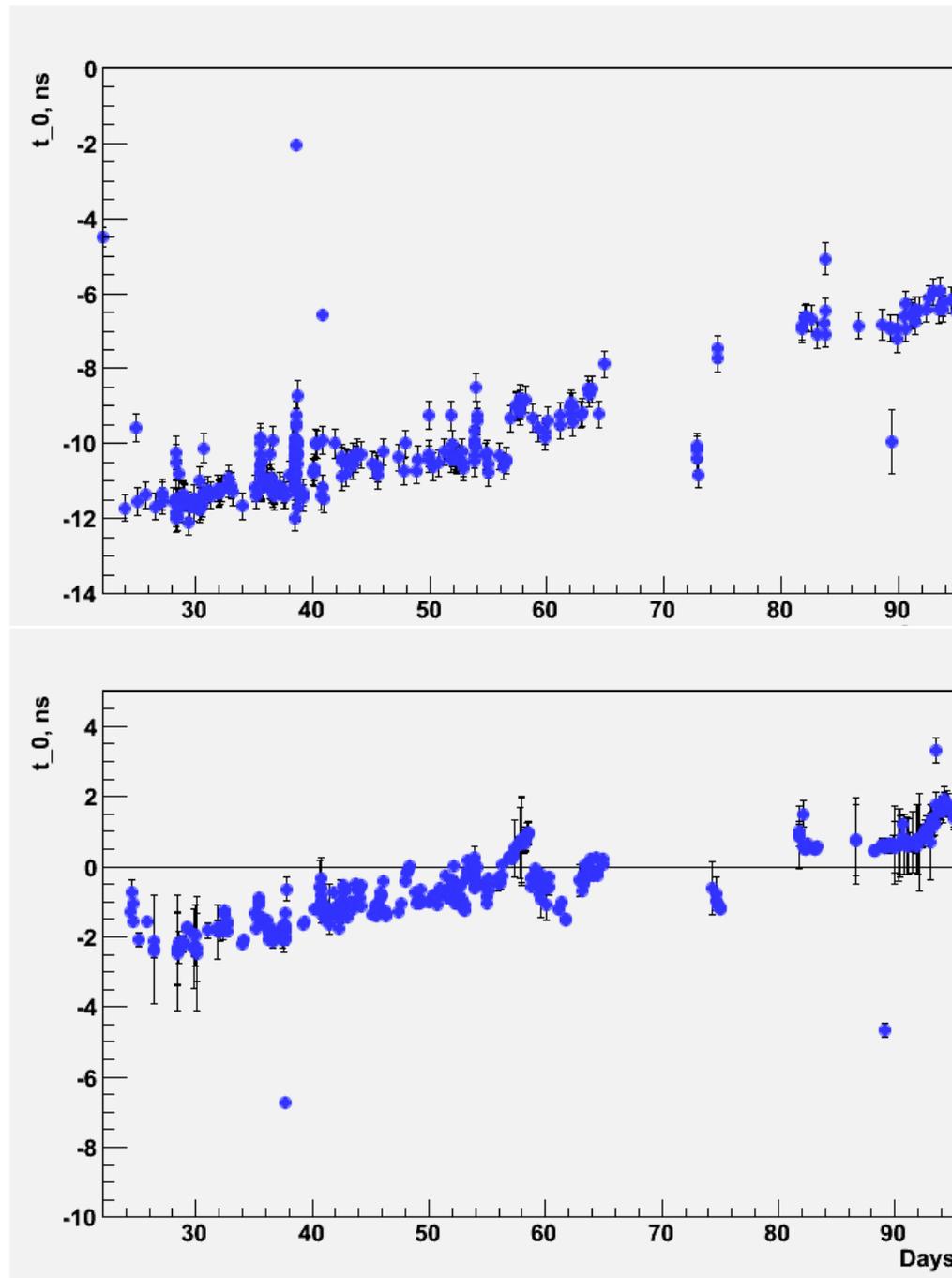
B2D Polarization at Injection and Flattop (days since Jan 1)^{4 of 10}



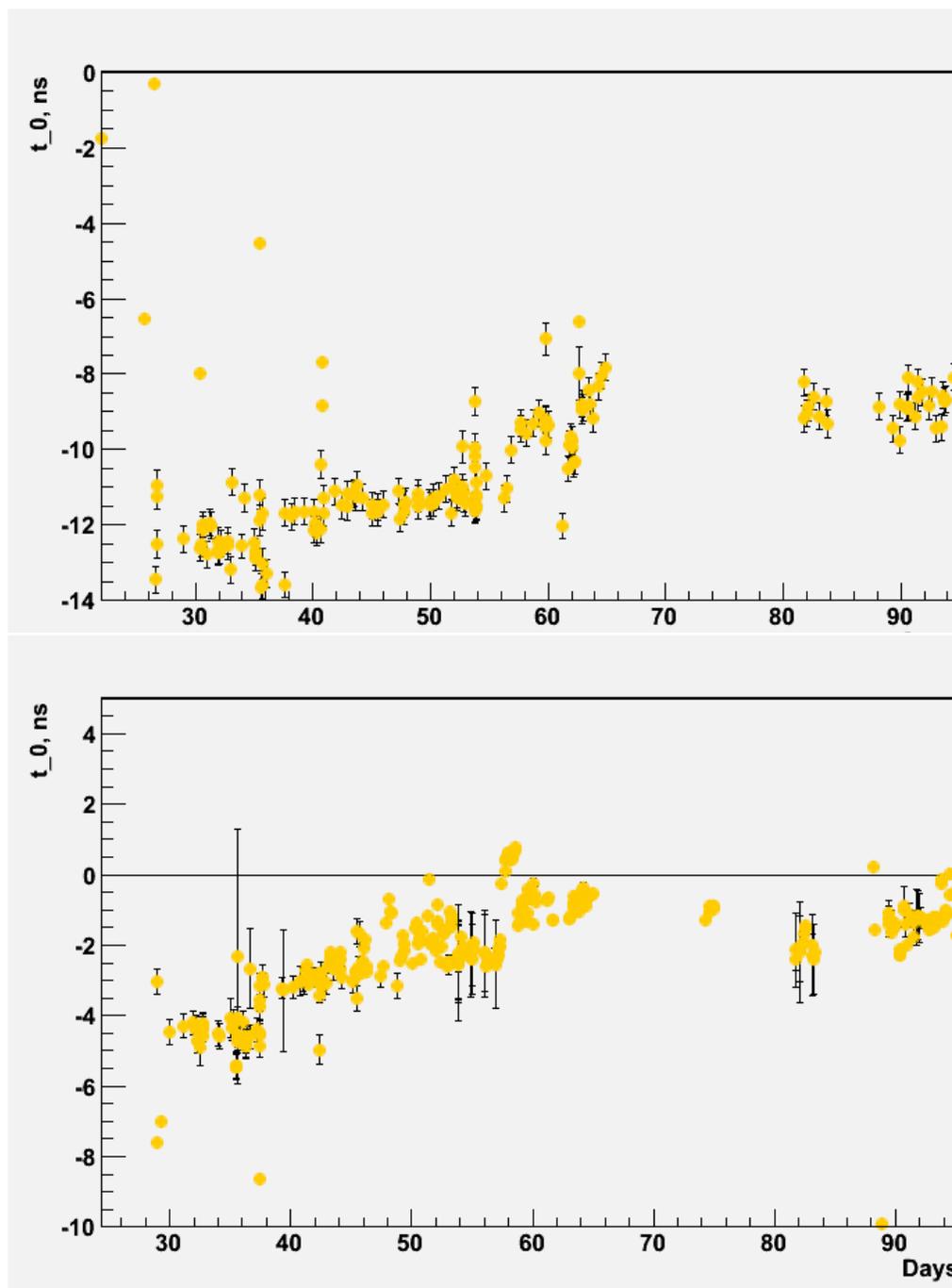
Y1D Polarization at Injection and Flattop (days since Jan⁵ 1)⁰



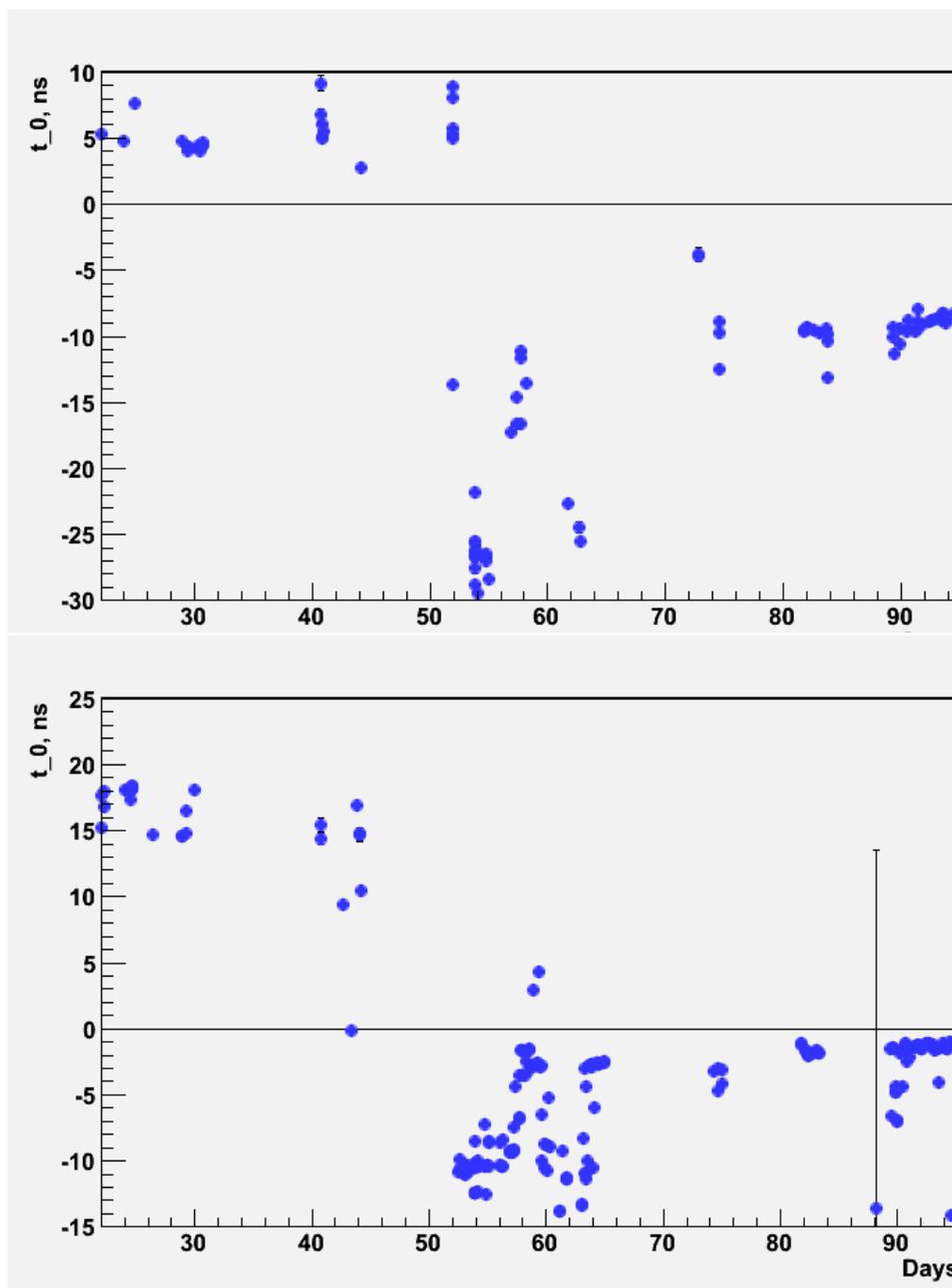
B1U t_0 at Injection and Flattop (days since Jan 1)



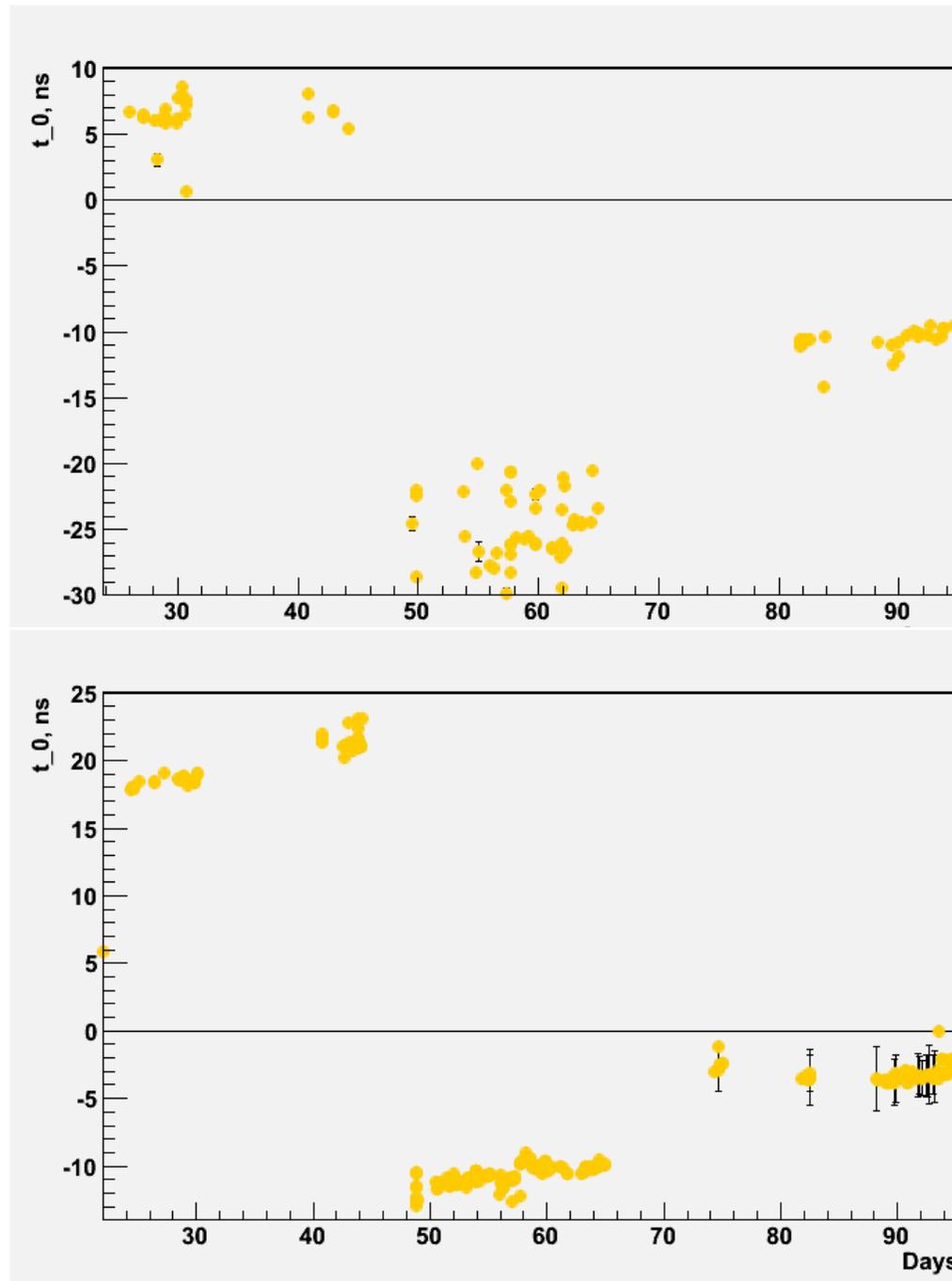
Y2U t_0 at Injection and Flattop (days since Jan 1)



B2D t_0 at Injection and Flattop (days since Jan 1)



Y1D t_0 at Injection and Flattop (days since Jan 1)



Conclusions

- Fill 15280 with higher polarization and a longer polarization lifetime may be one of the best fills so far
- The change in t_0 may indicate a degraded response to carbons in silicon
- Need to analyze alpha runs