

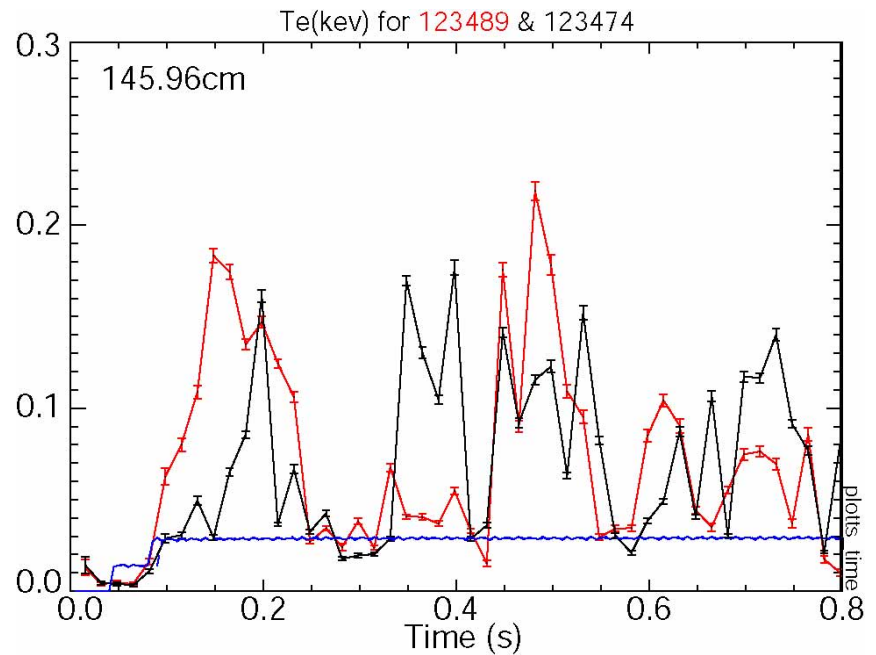
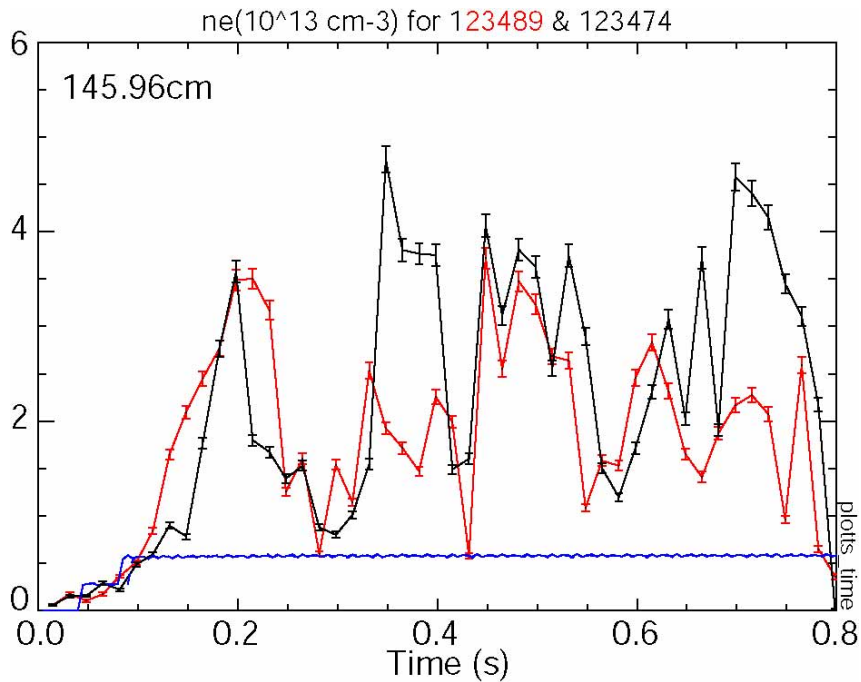
MPTS Edge Data Comparison for LITER 20-23 Apr 2007

B. LeBlanc
14-May-2007

Edge MPTS data Comparison for LITER 20-APR-2007 and 23-APR-2007

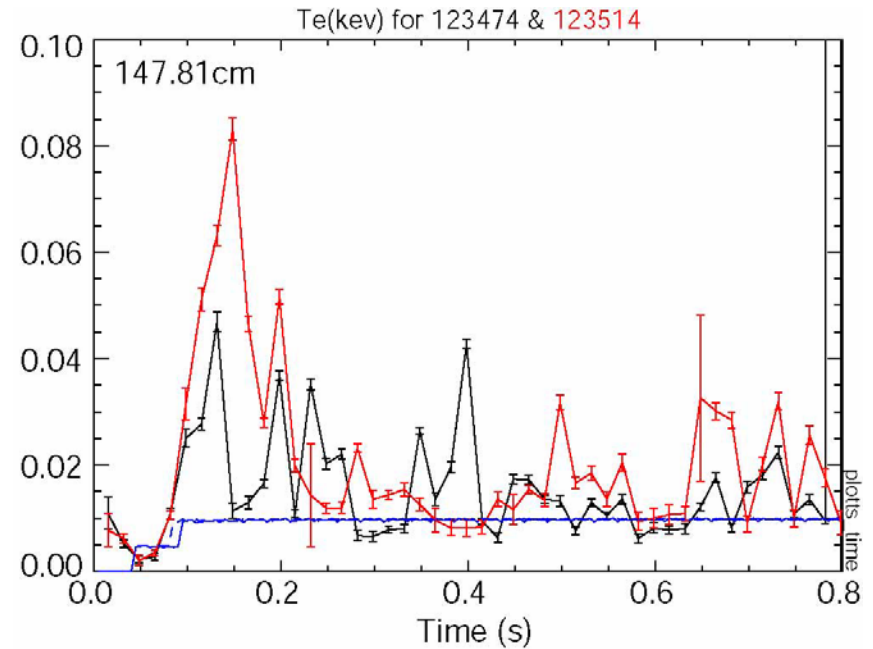
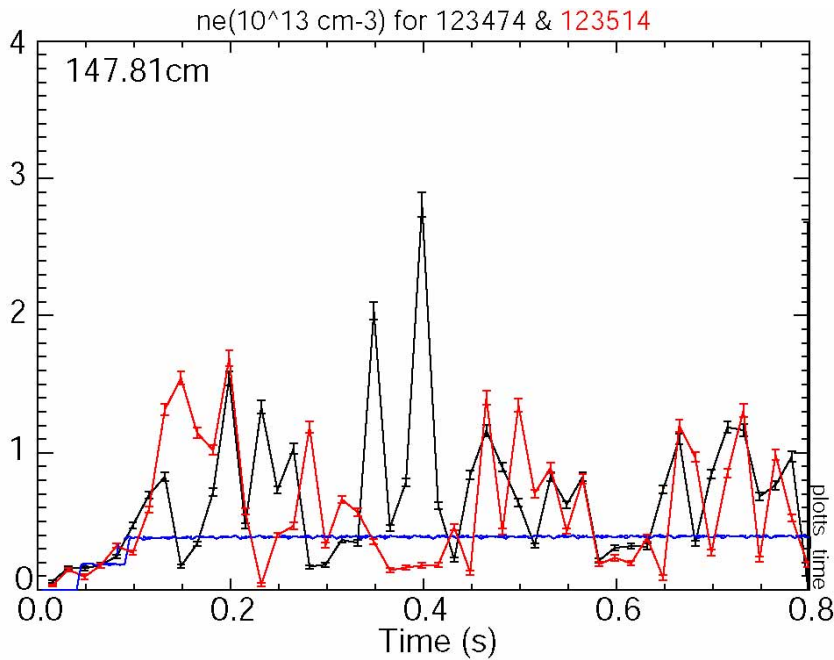
- Compare n_e and T_e prior to and after 2.21-g and <11.64-g cumulative evaporation
- Prior evaporation shot is 123474
- Evaporation shots are
 - 123589 – the last shot of 20-Apr-2007
 - Evaporation of 2.21 g for the day
 - 123514 – the last “decent” shot of 23-Apr-2007. The actual last shot is 123520.
 - Evaporation of 9.43 g for the day

LITER of 20 APR 2007
Comparison of T_e and n_e at $R=146$ cm
Prior to evaporation: 123474
After 2.21 g deposition: 124489



LITER of 23 APR 2007
Comparison of T_e and n_e at $R=148$ cm
Prior to evaporation: 123474

After $(2.21 + < 9.43) < 11.64$ g deposition: 124514



CONCLUSION

- MPTS does not resolve a difference, at the edge, between a shot prior evaporation and two shots with significantly different amount of evaporated lithium.