

The comparison between the BPP and Langmuir probe plasma potential determined using first derivative probe technique is in figure 1. The agreement is good mainly at 7 and 8 ms. The biggest disagreement are at 50 mm (different results from the swept probes) and at 80 and 85 mm – the LP result are with more than 10-15V higher.

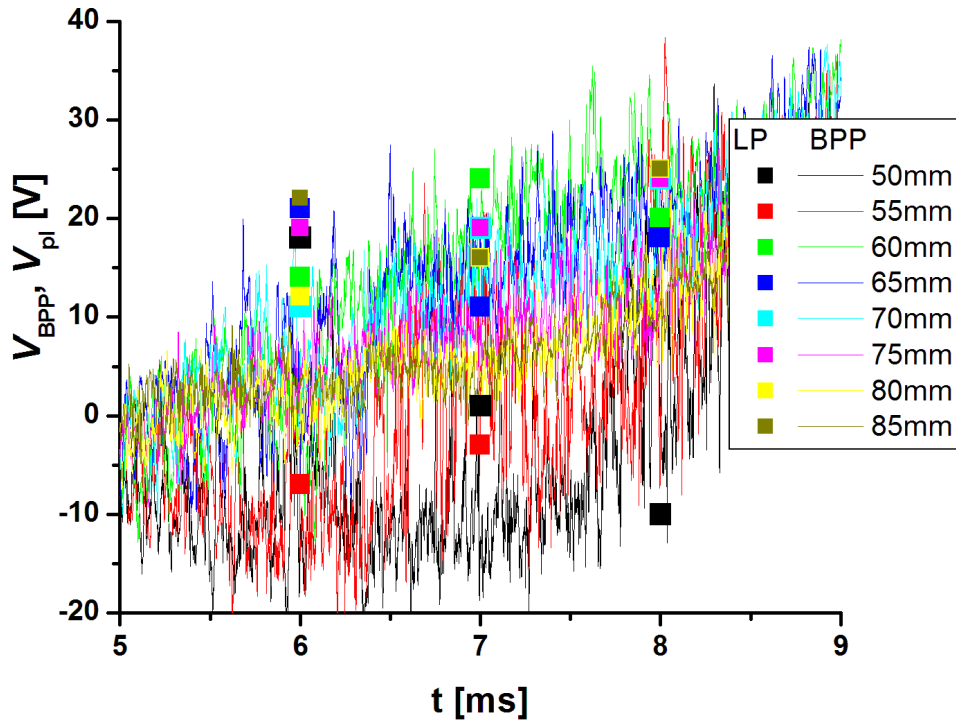


Figure 1. Time evolution of the plasma potential

Less data at 8 ms. The plasma parameters are in the next figures. The maximum determined T_e is 15 eV. The electron energy distribution function is Maxwellian. The floating and plasma potentials are in agreement with the Petr's thesis.

