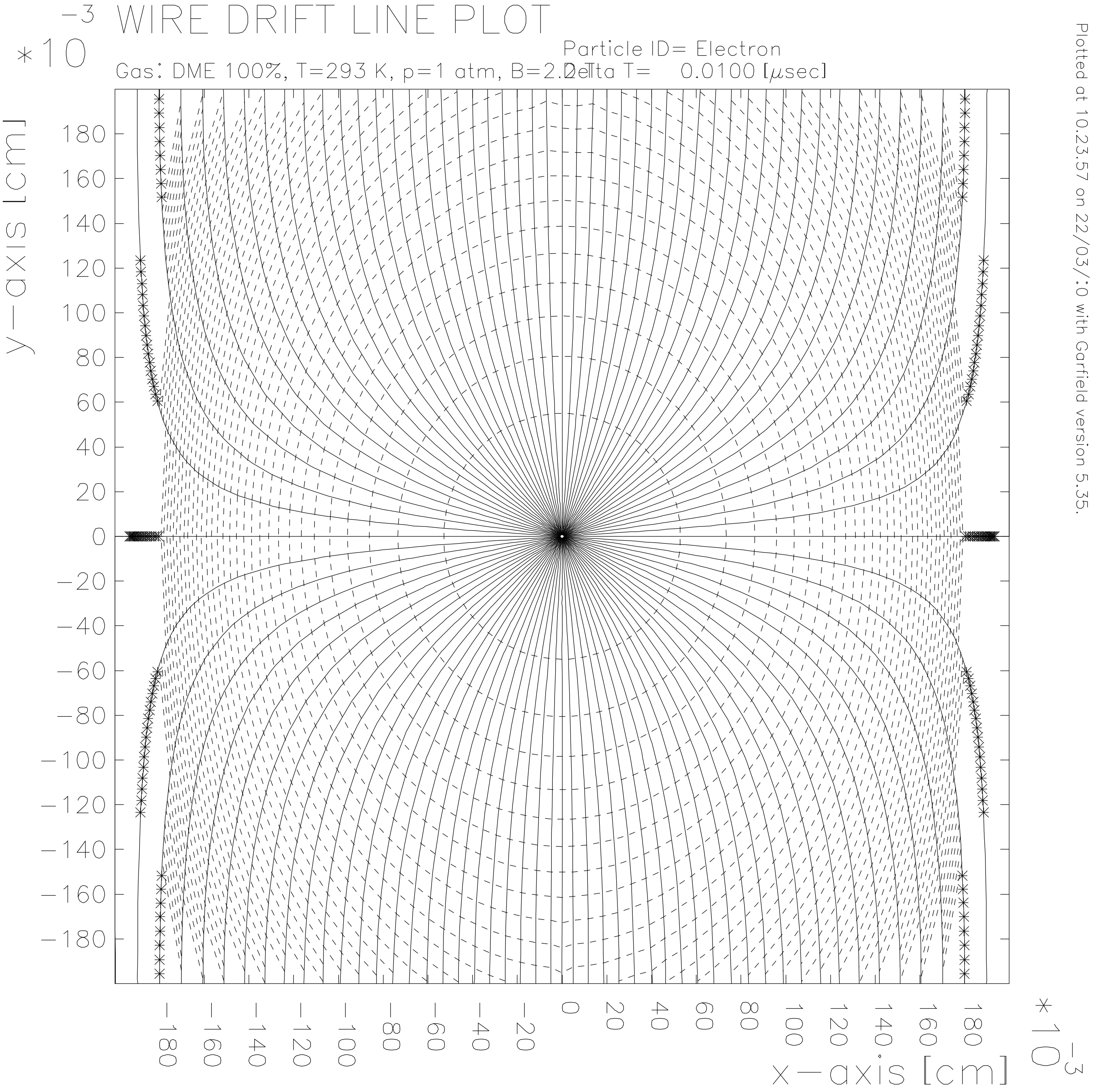

Figure 1: Drift lines and constant drift time contours. DME, T=293^o, P=760 Torr, B=2.2 T

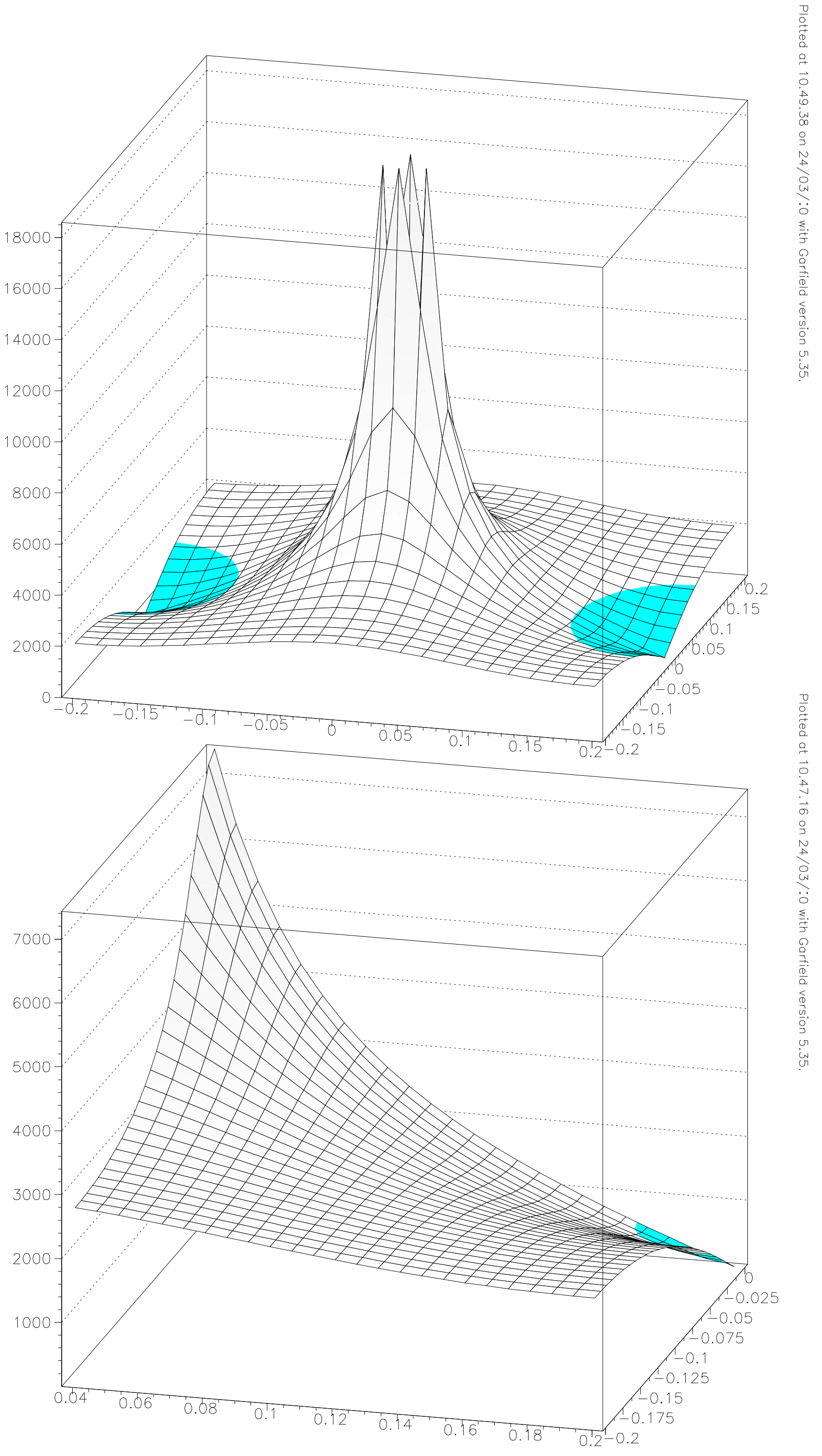

Figure 2: Electric field in full cell (top) and in quarter of cell (bottom). HV=-1850V, wire has a diameter 15 μm and placed at (0,0). E in V/cm

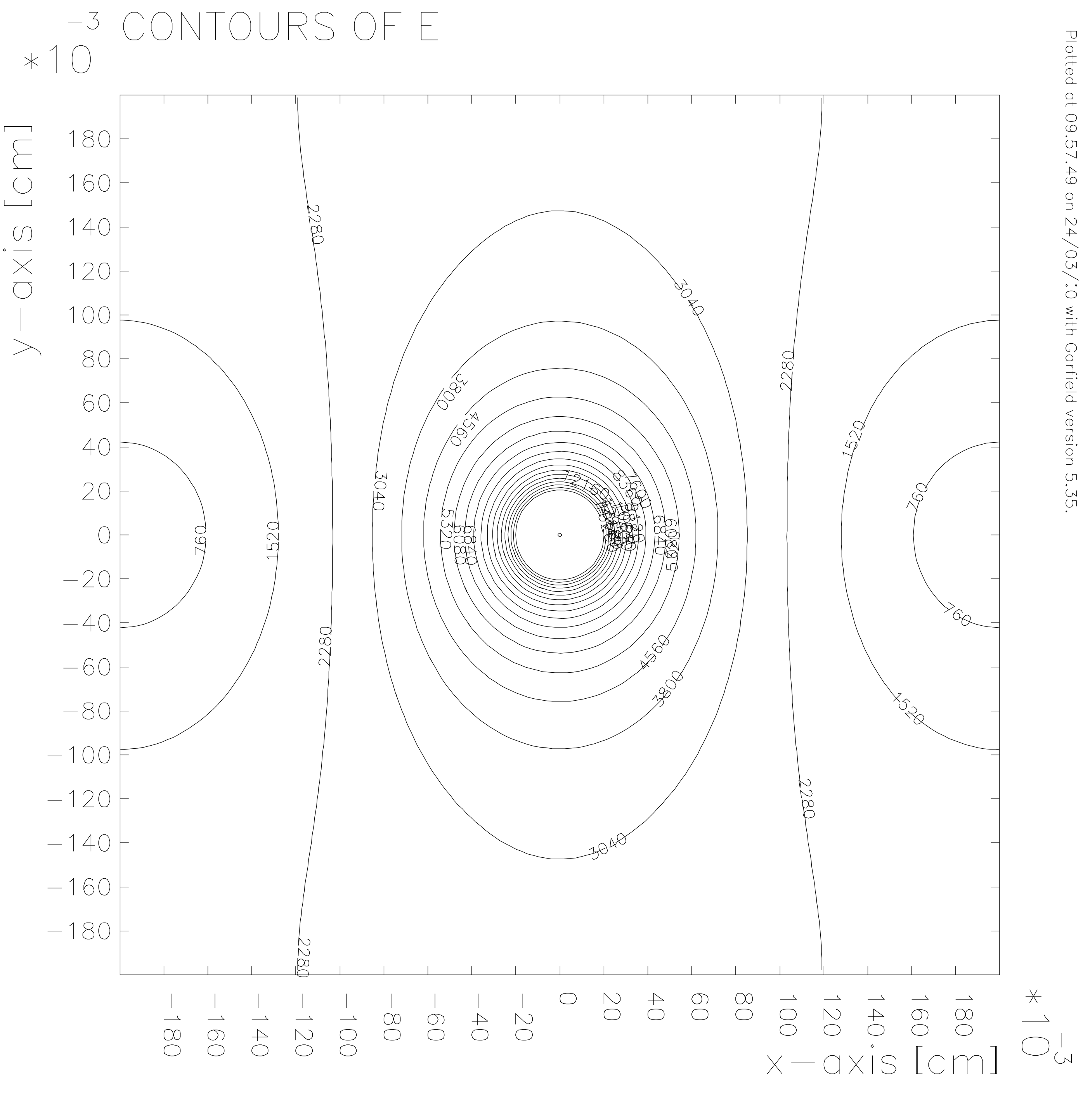

Figure 3: Contours of E. Diameter of wire 15 μm, HV=-1850 V. Step between two contours is 760 V/cm (1 V$\cdot$cm$^{-1}\cdot$ Torr^{-1}). Closest to wire contour corresponds to E/p=20 V$\cdot$cm$^{-1}\cdot$ Torr^{-1}

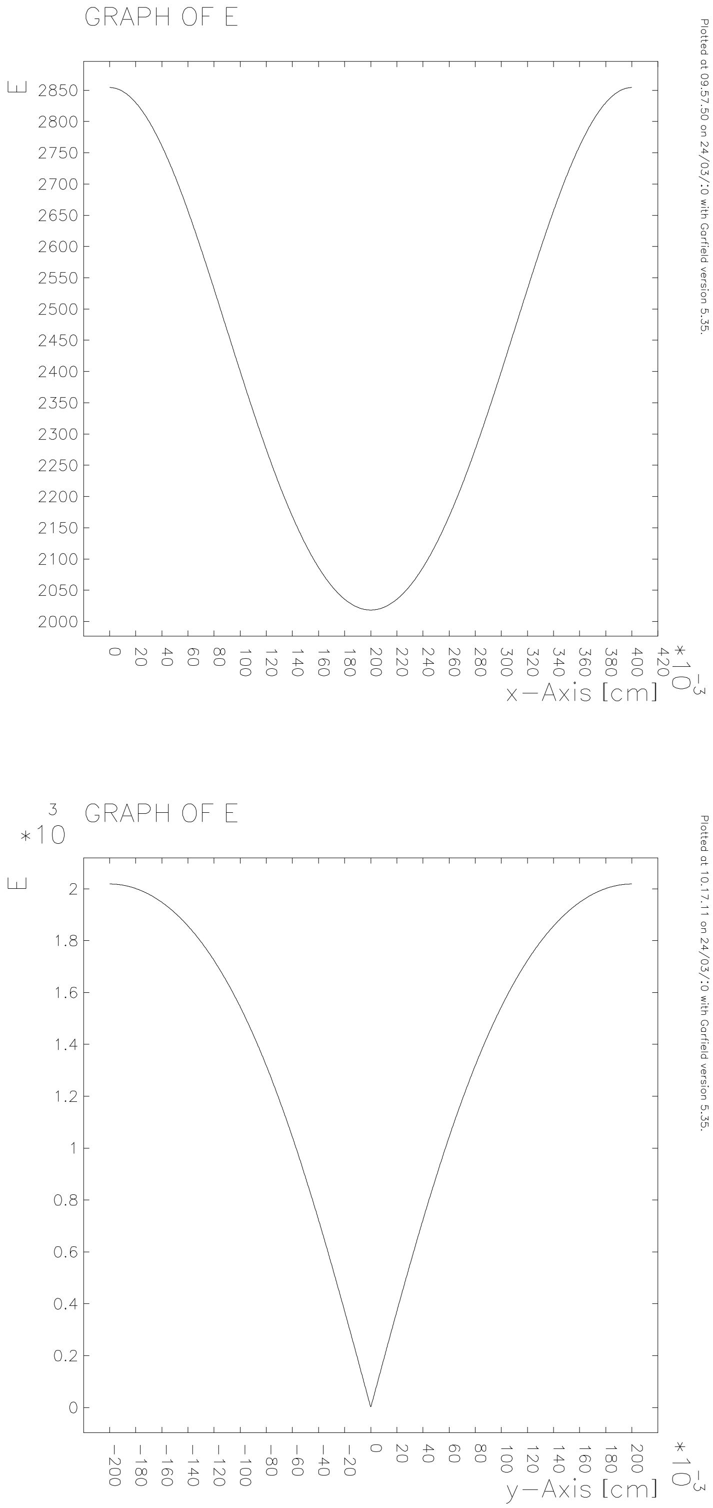

Figure 4: Field strength E (in V/cm) along the cathode surface (top) and along the border of two cells (bottom). Wire diameter 15 μm, HV=-1850V

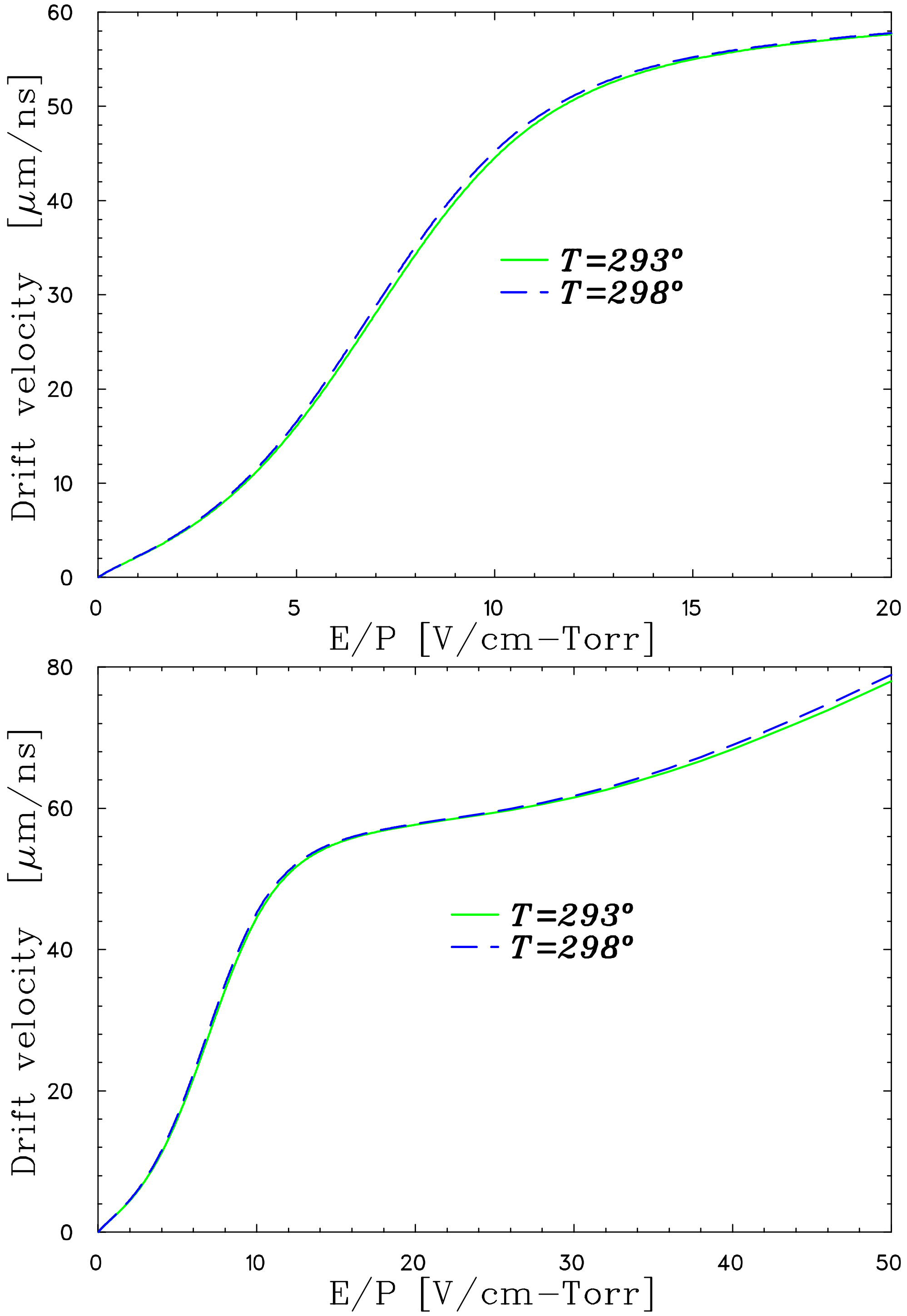

Figure 5: Drift velocity in pure DME vs E/p for two reduced field ranges

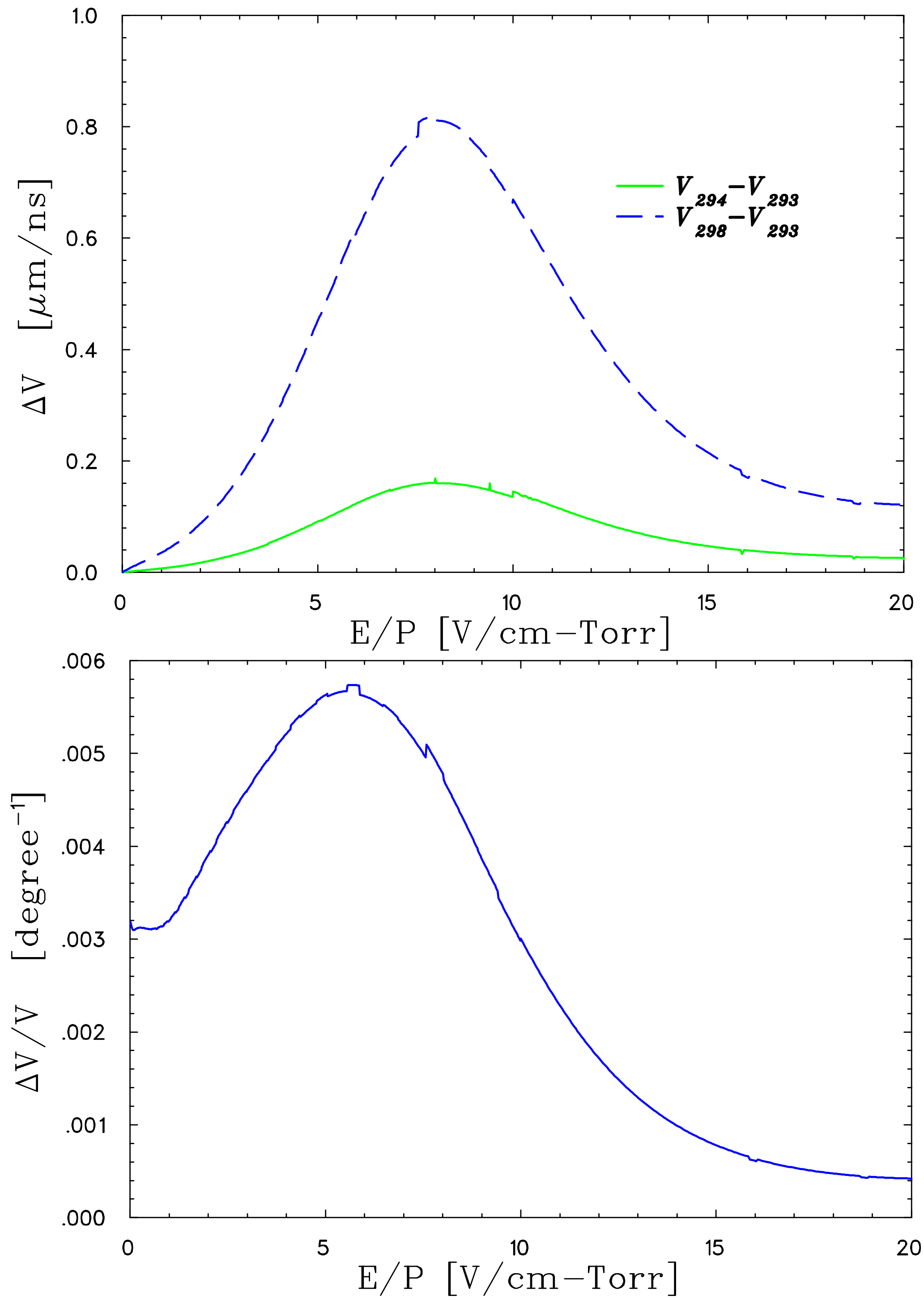

Figure 6: Absolute variation of drift velocities in pure DME with temperature (top). Relative variation of drift velocity for ΔT=1^o (bottom)

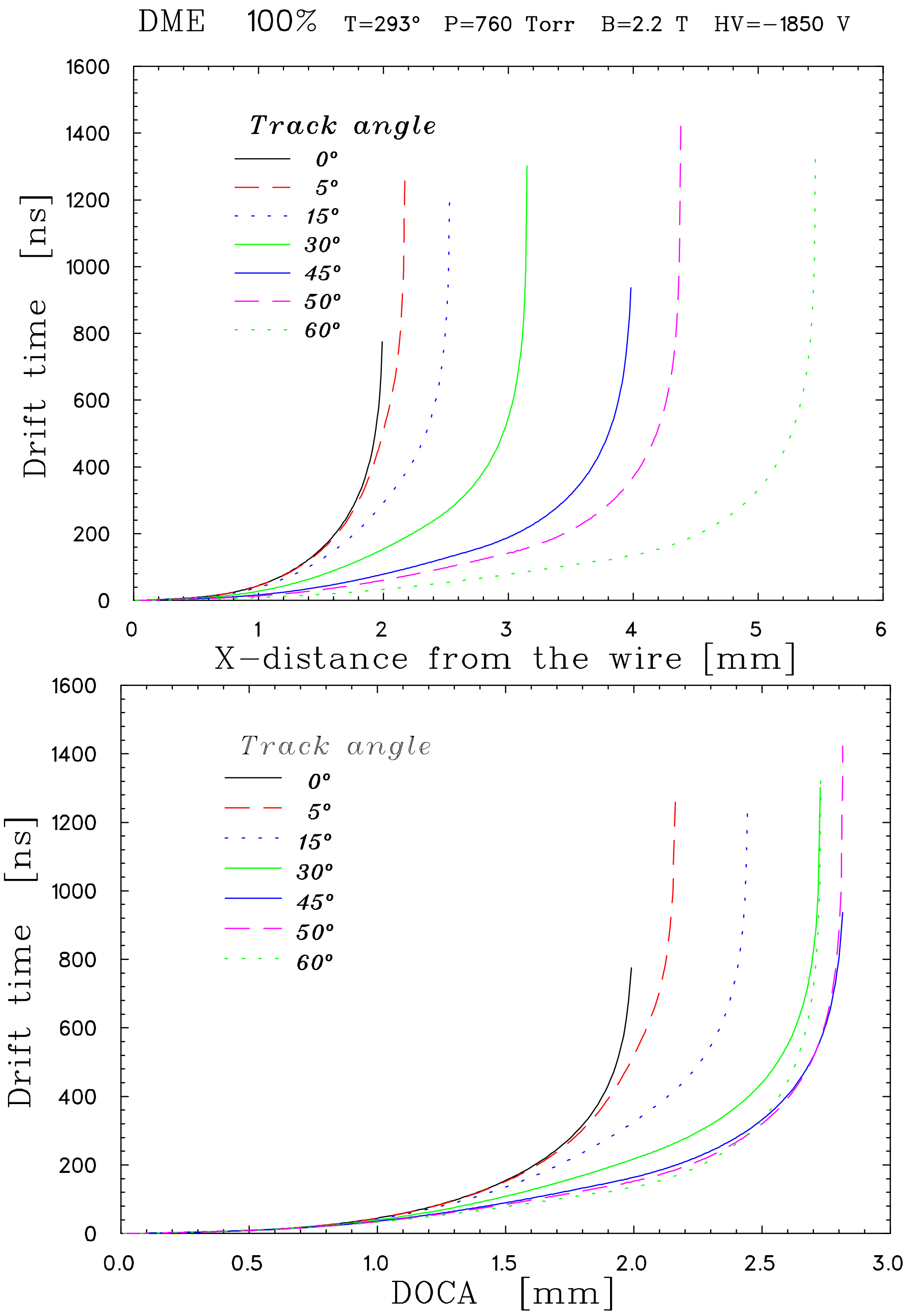

Figure 7: Drift time vs X-distance (top) and DOCA (bottom) of track from the wire for different track angles

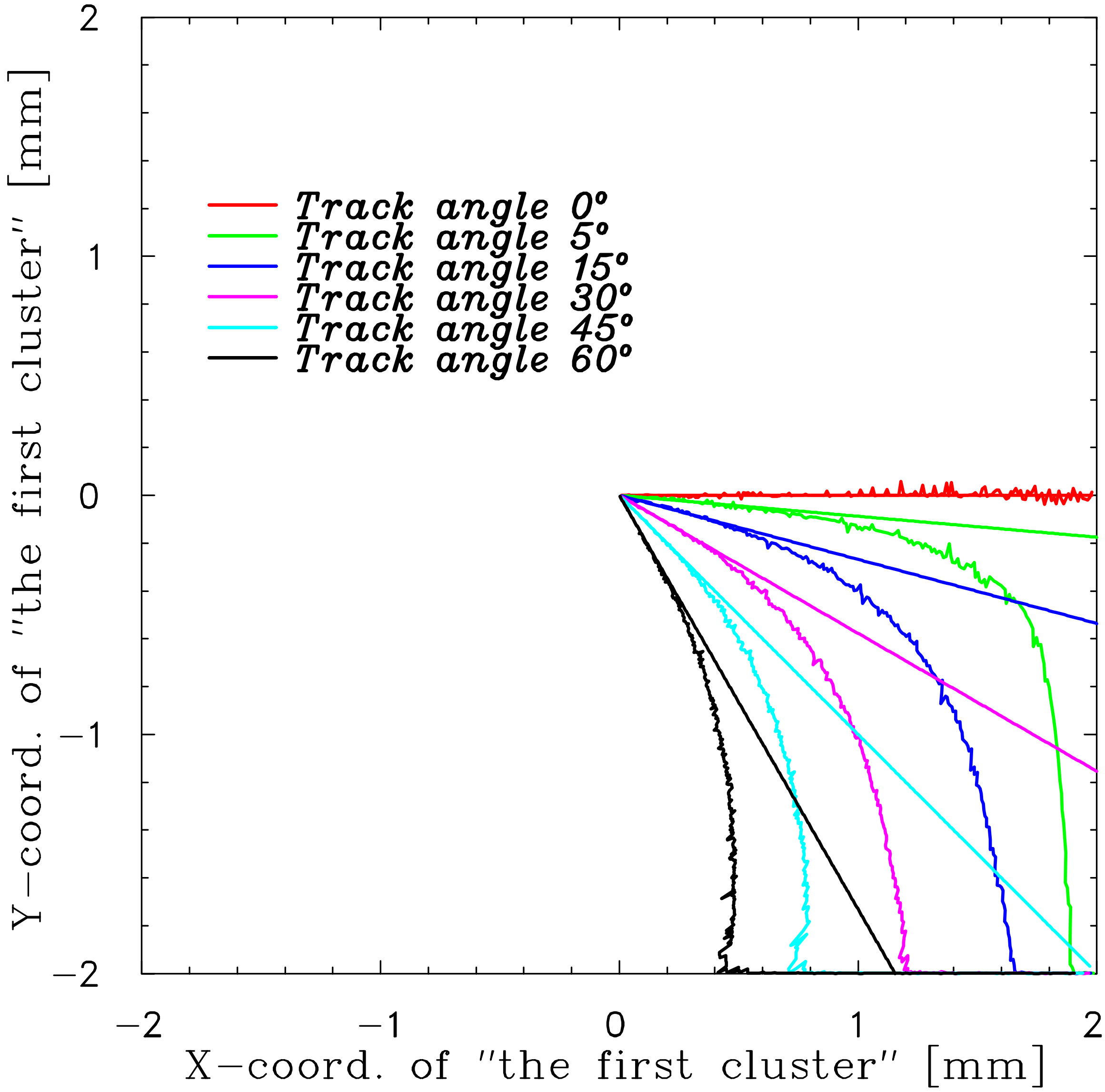

Figure 8: Coordinates of the "first cluster" origin and lines perpendicular to tracks for different track angles

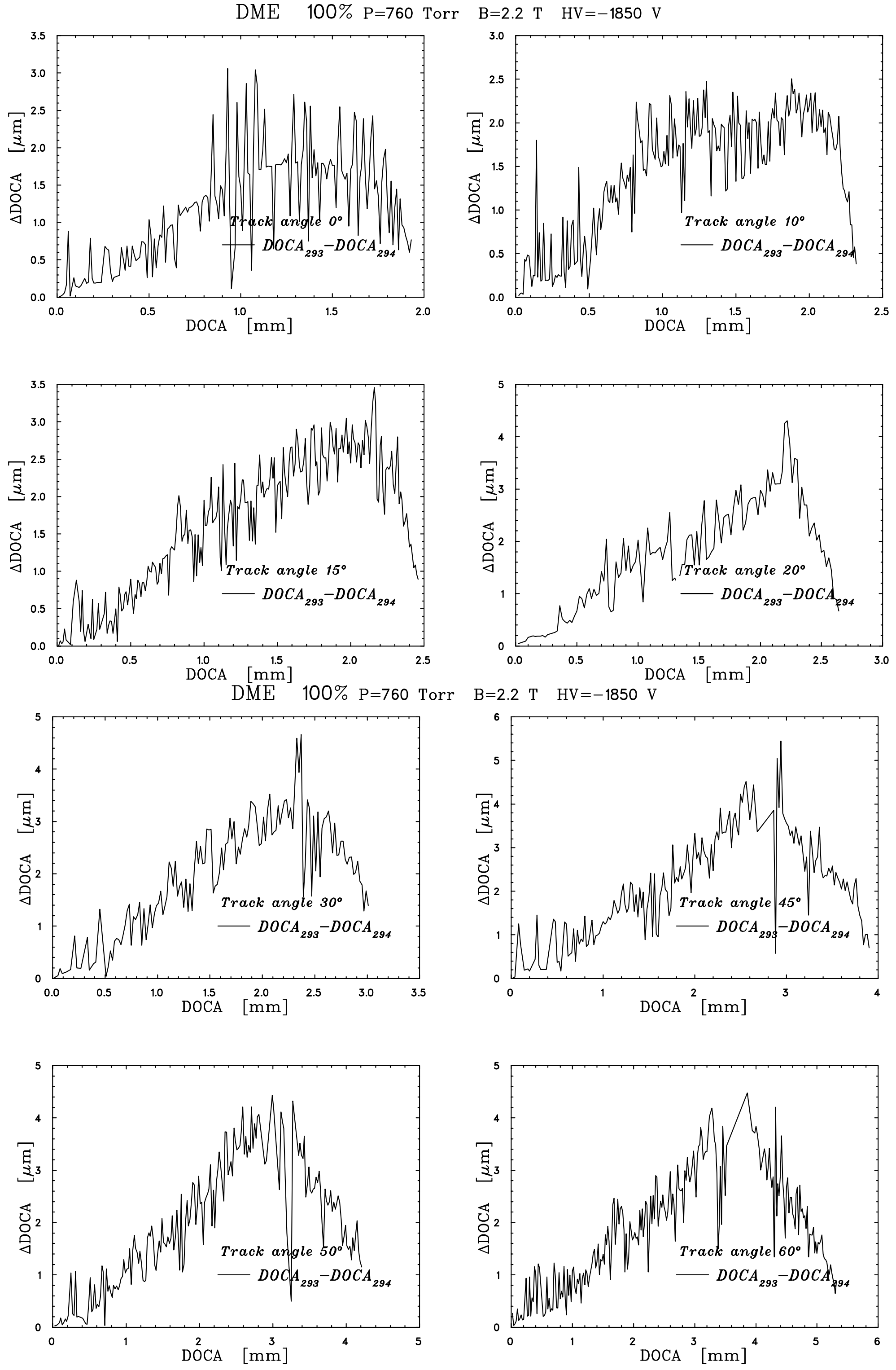

Figure 9: Shift of DOCAs for ΔT=1^o (293^o and 294^o) vs X-distance of track from the wire for different track angles. P=760 Torr, B=2.2 T, HV=-1850 V.

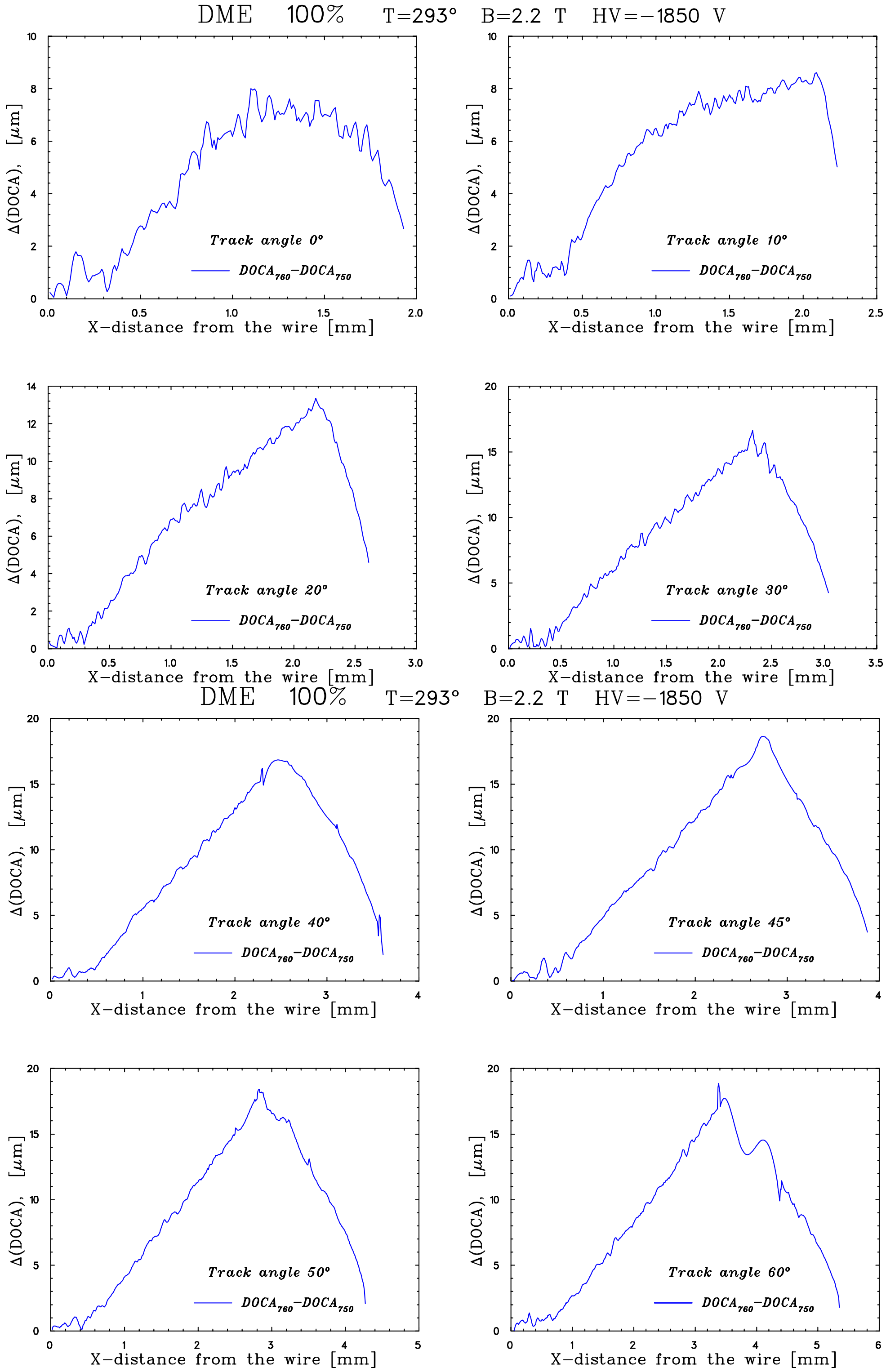

Figure 10: Shift of DOCAs for ΔP=10 Torr (760 Torr and 750 Torr) vs X-distance of track from the wire for different track angles. T=293^o, B=2.2 T, HV=-1850 V.