

Portfolio of Megatem Modelling Examples Computed with MultiLoop III

Compiled Aug 3, 2007 by Peter Walker

Waveform: 90 Hz. 2msec pulse
Rx Height: 70 m

Transmitter leads the receiver (is to the left of it 150 m, above it by 50 m)
Plot point is at the receiver location.

X-Component profiles computed.

Conductances are 10 S.

Tx moment: $1e6 \text{ Am}^2$
Y-axes in pT/sec.

Figures 1-10: Profiles over a semi –infinite half sheet – 801 point mesh. – Depth 100m

Figures 11-12: Profiles over a syncline. Depth 115 m

Profiles 13-14: Profiles over an ellipsoid: Depth 100m

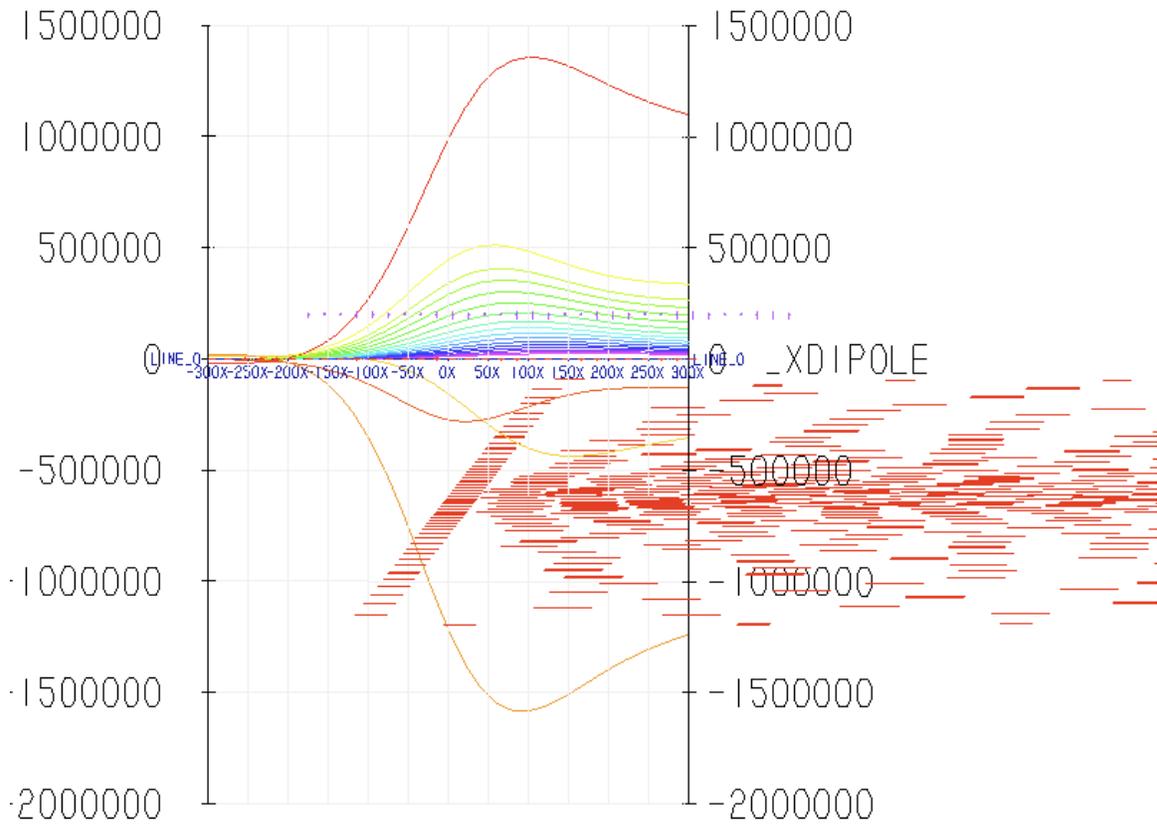


Figure 1: With on-time Channels

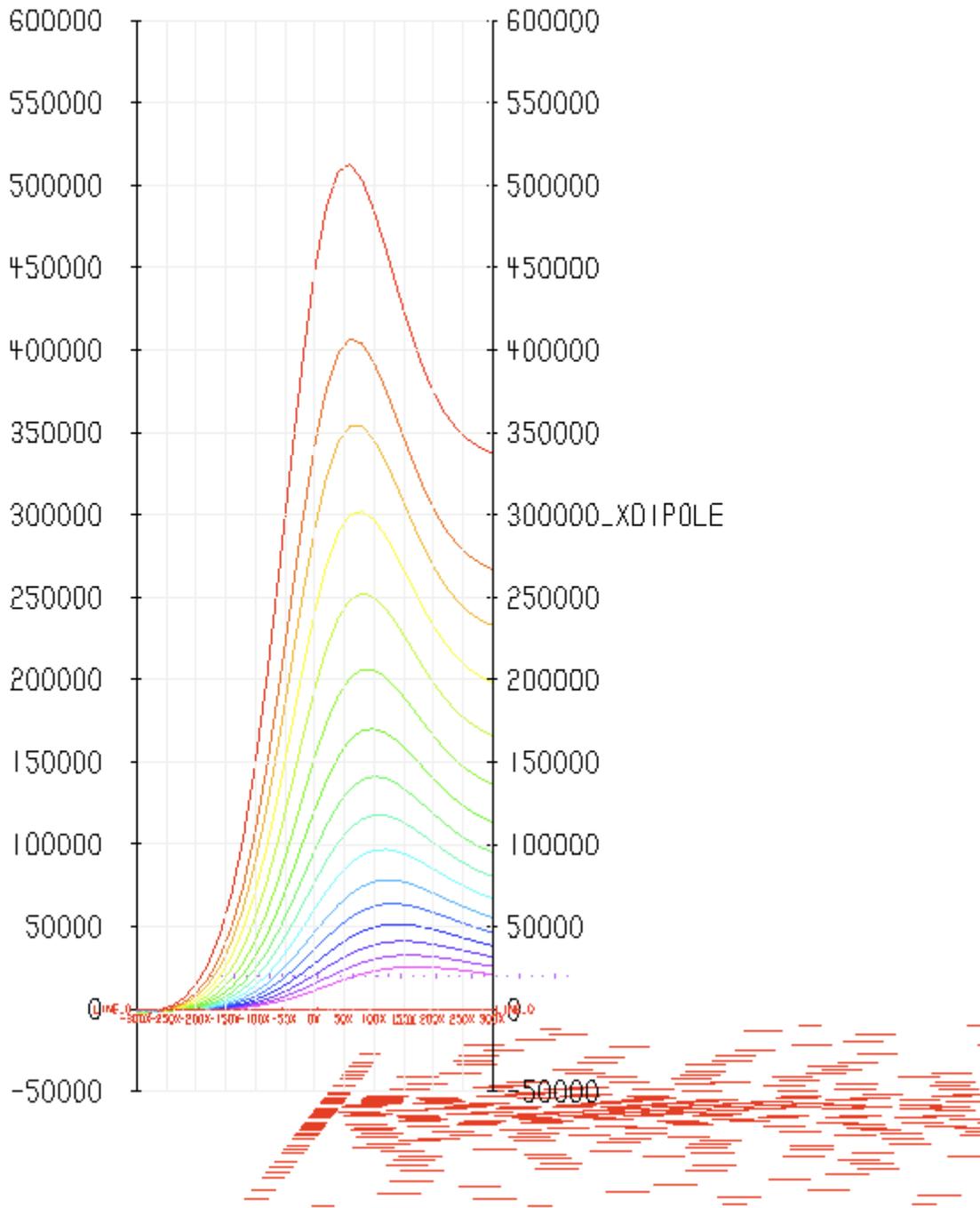


Figure 2: Without the first 4 channels

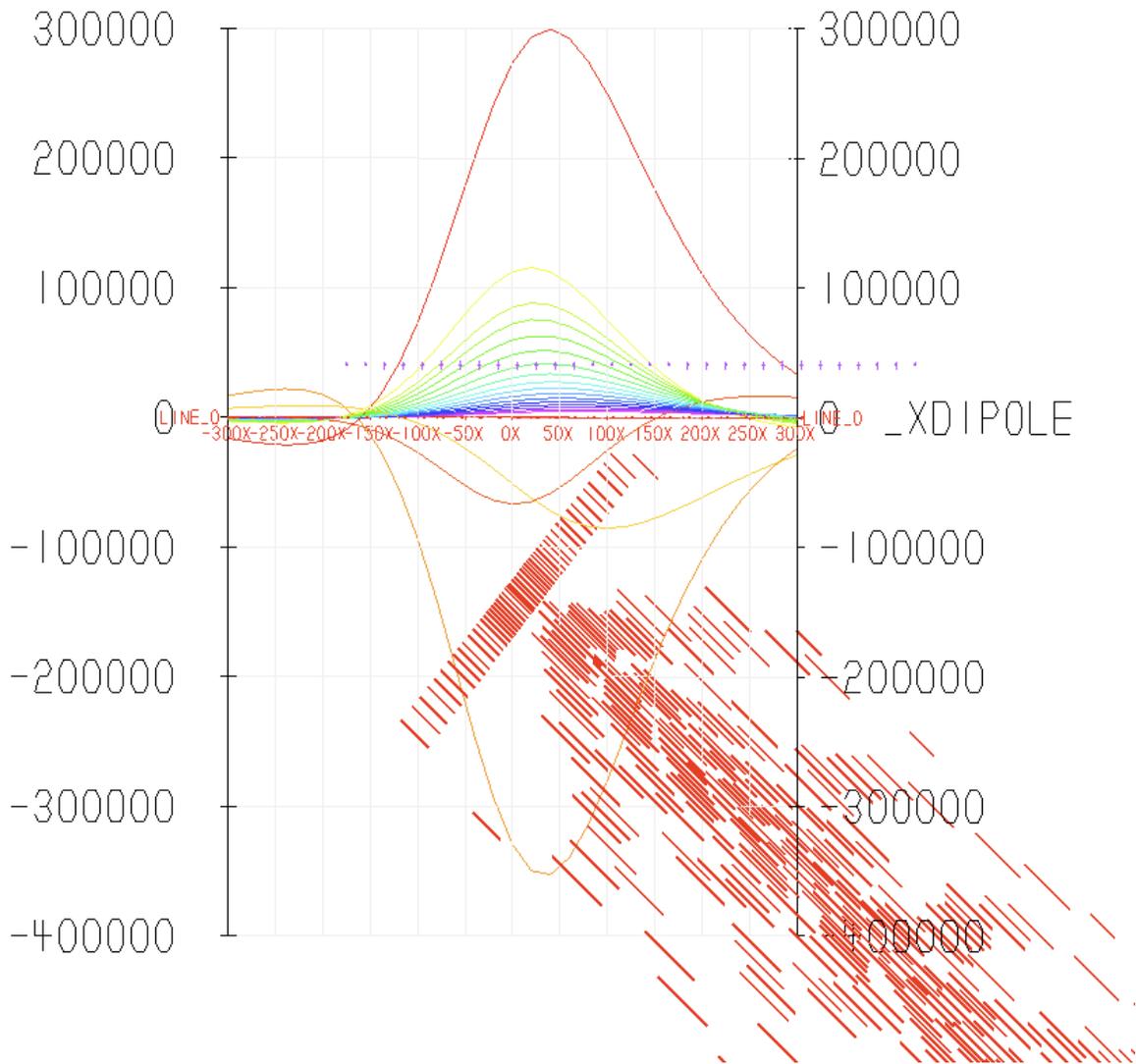


Figure 3: With on-time channels

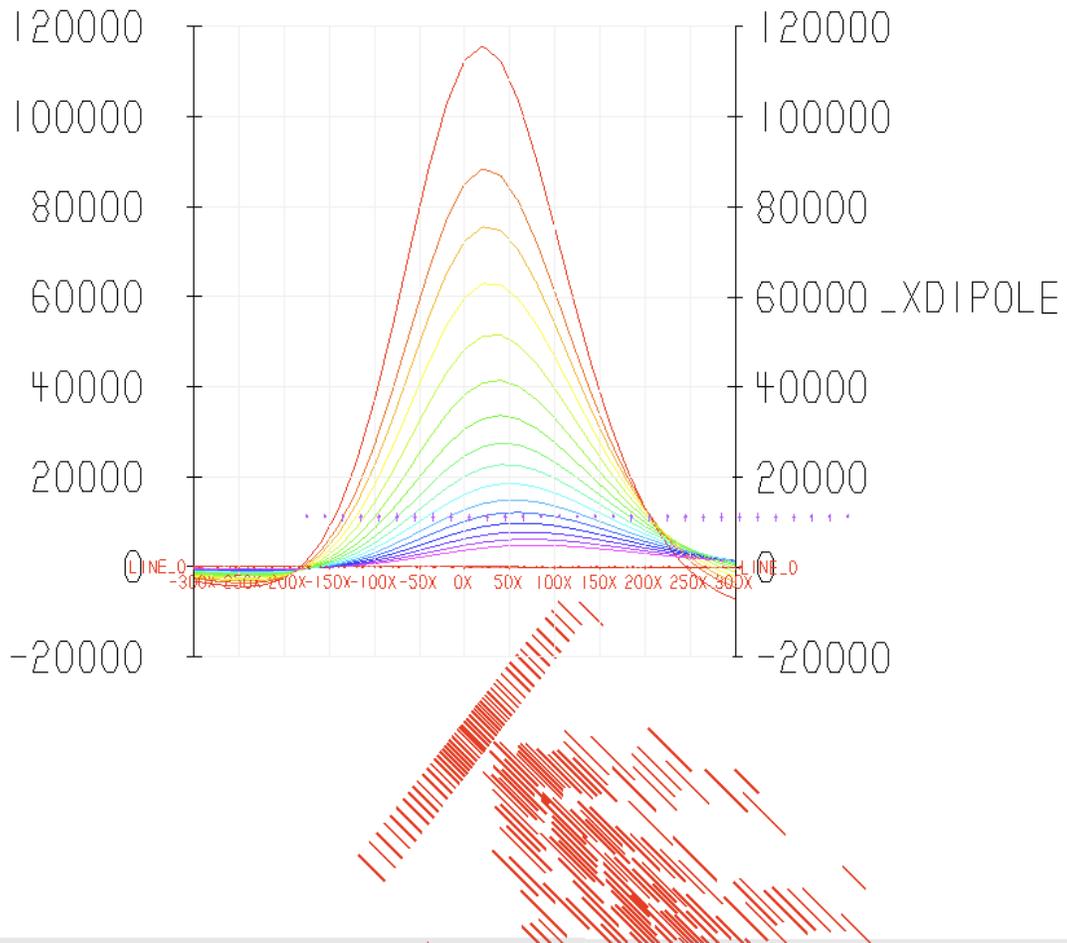


Figure 4: Without the first 4 channels

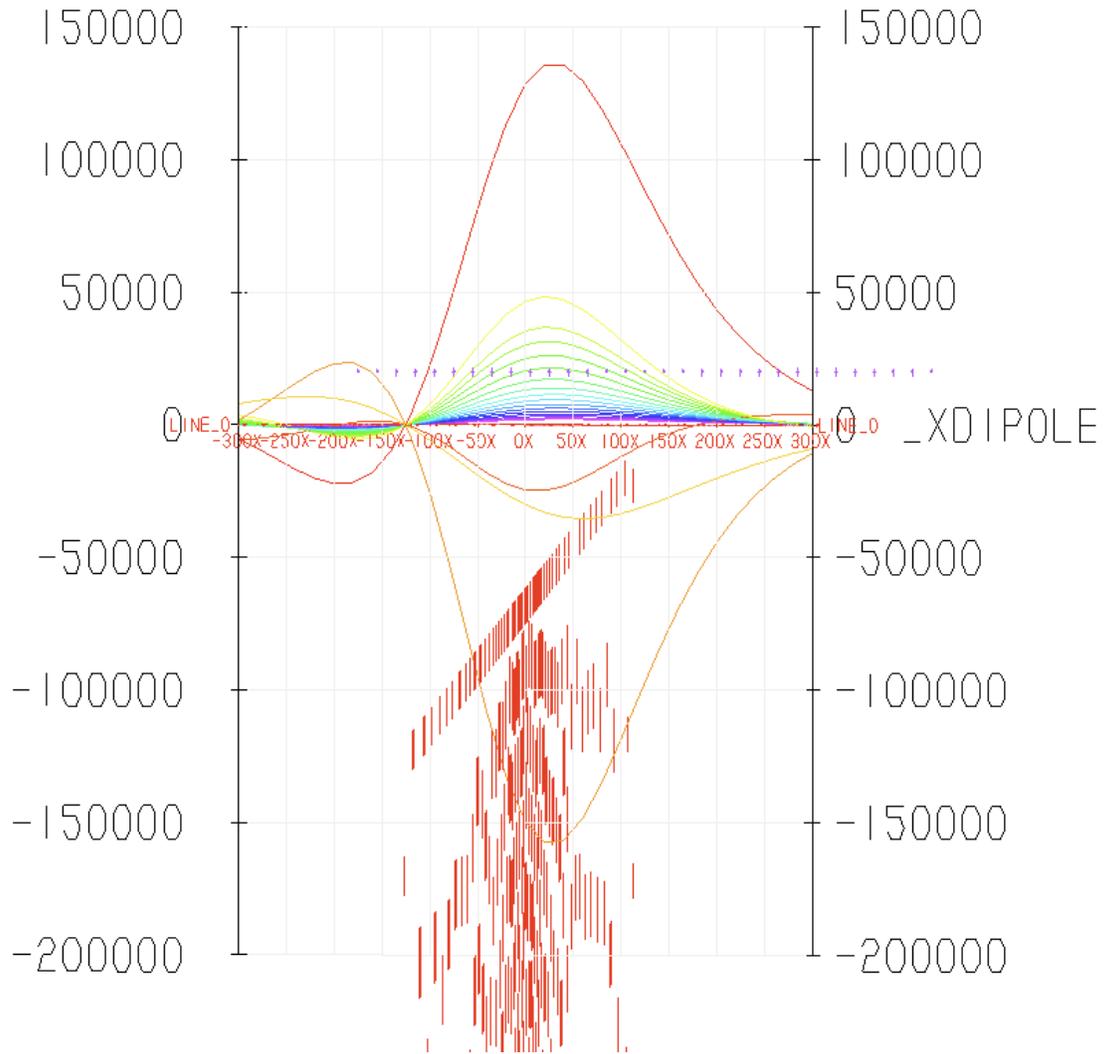


Figure 5: With on-time channels

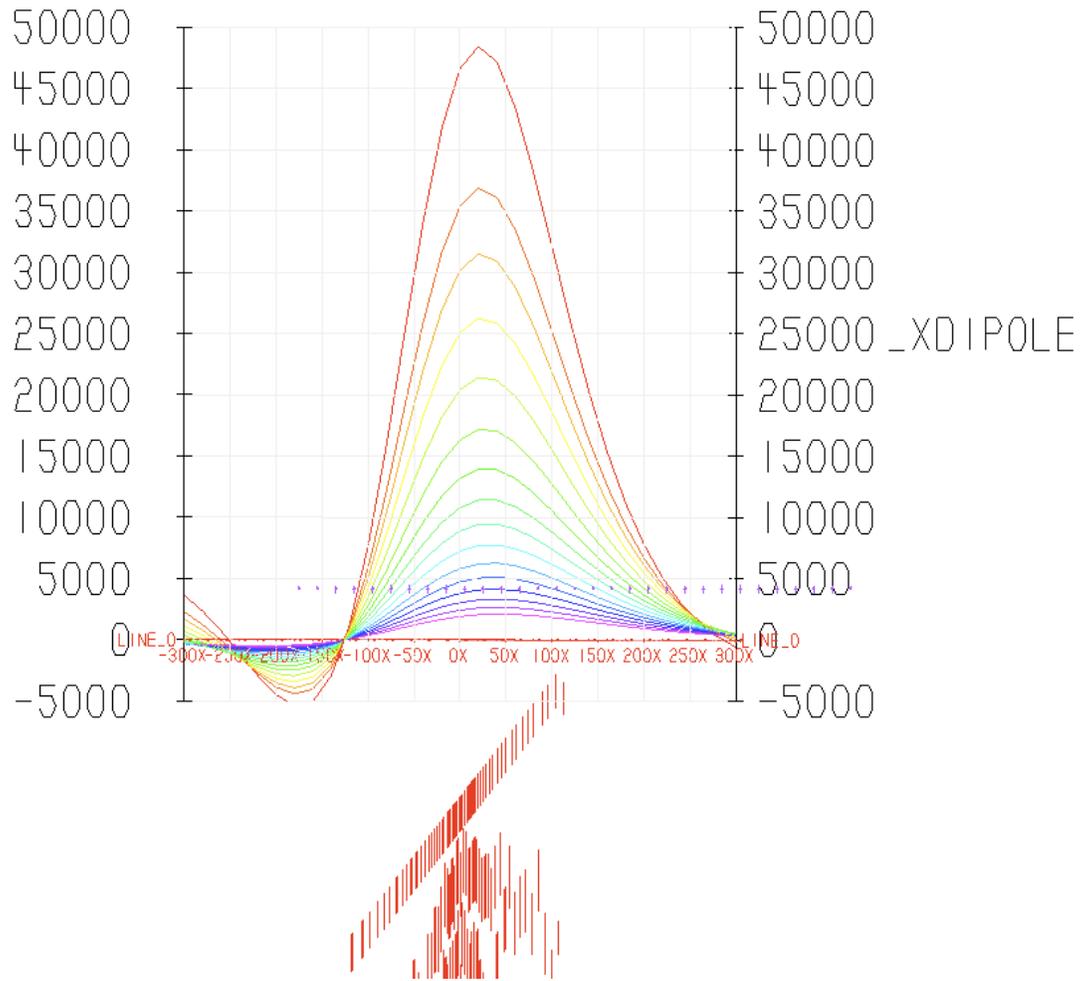


Figure 6: Without the first 4 channels

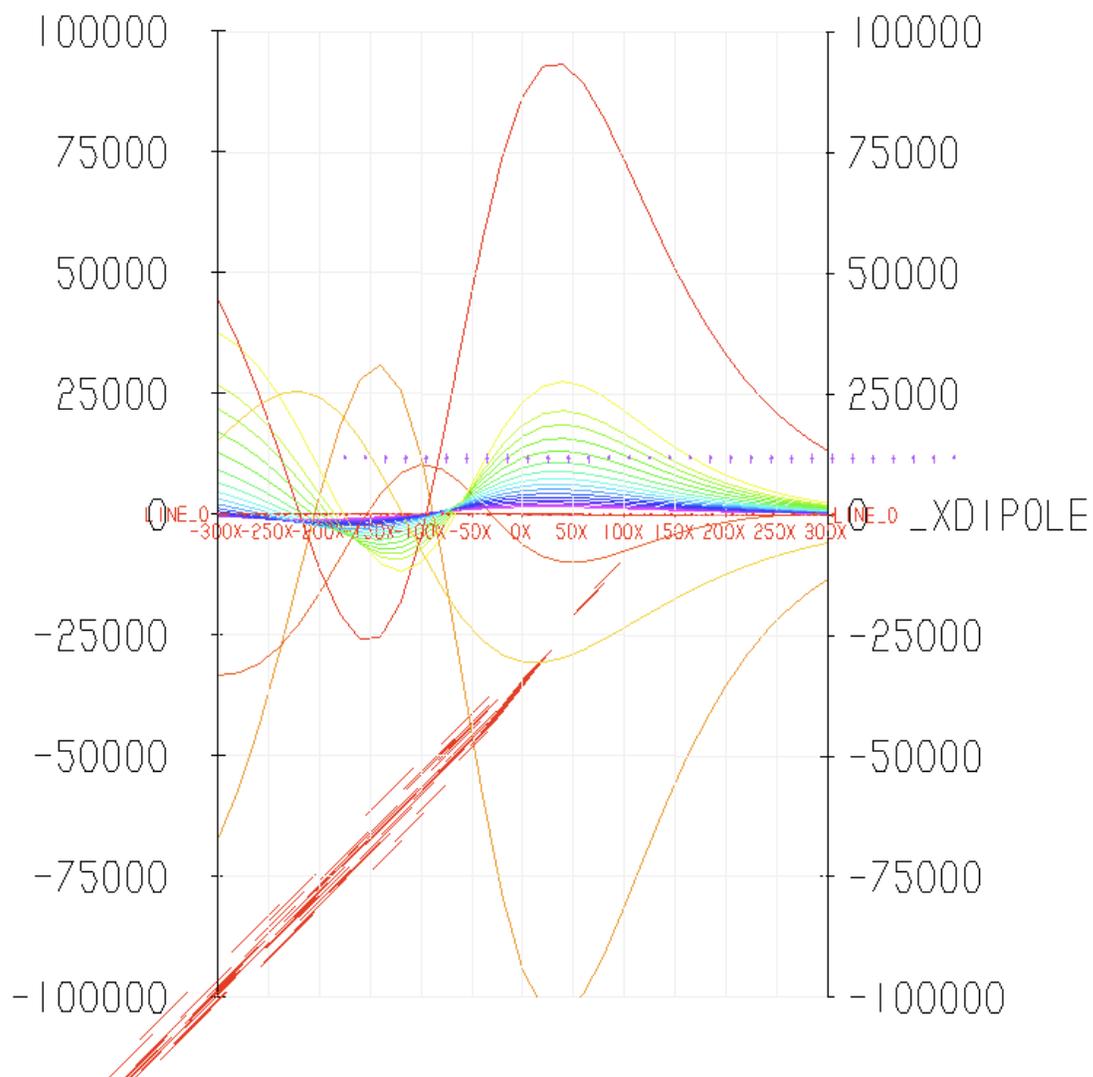


Figure 7: With on-time channels

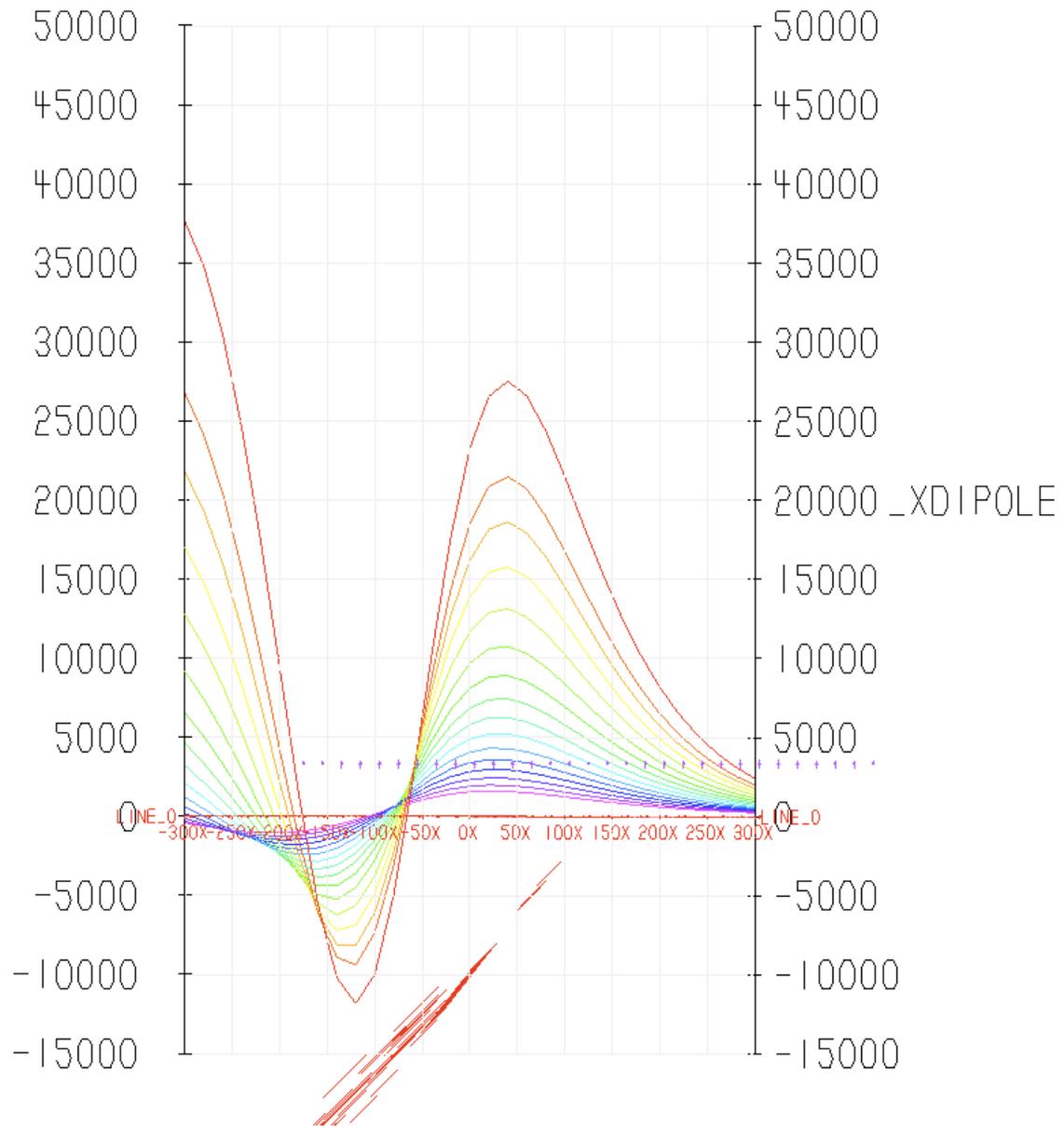


Figure 8: Without the first 4 channels

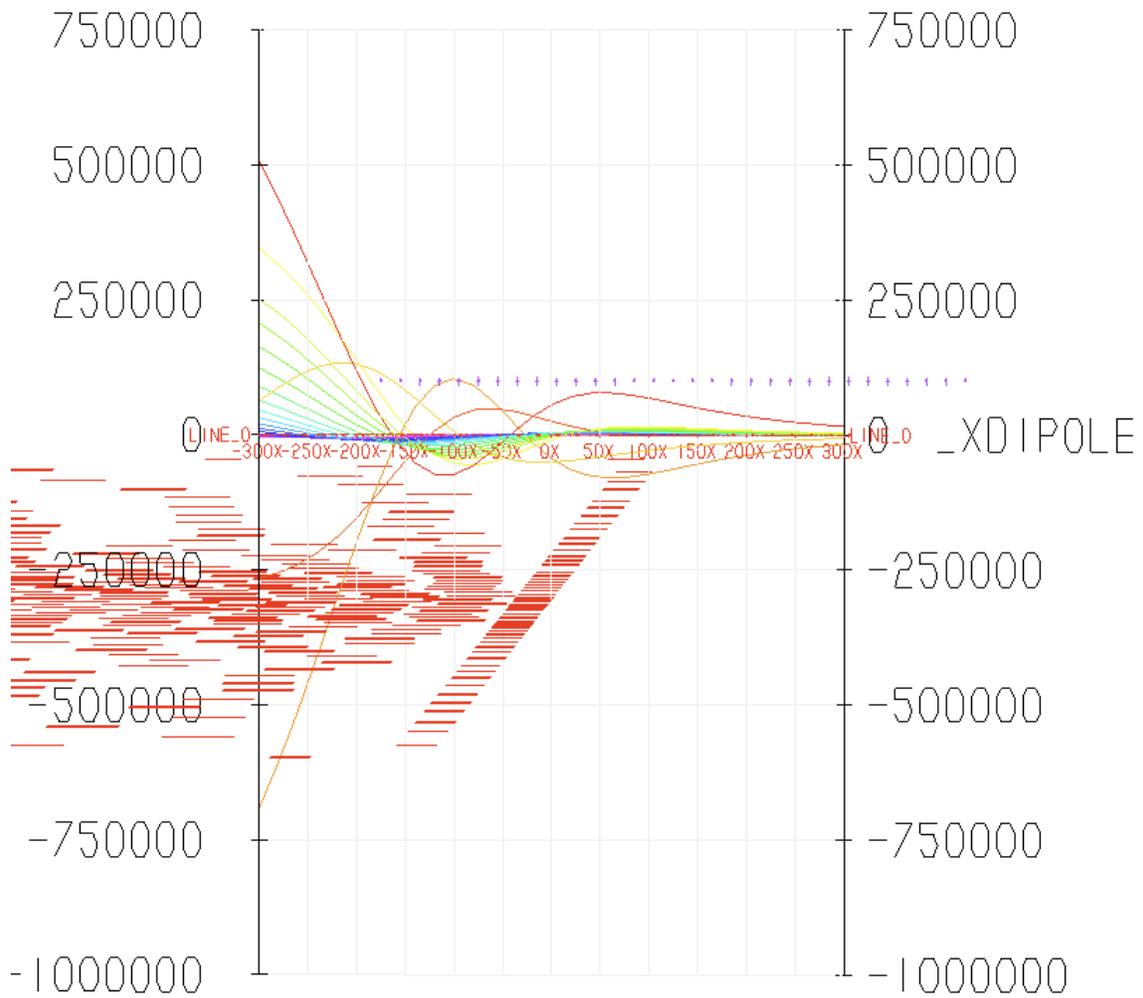


Figure 9: With on-time channels

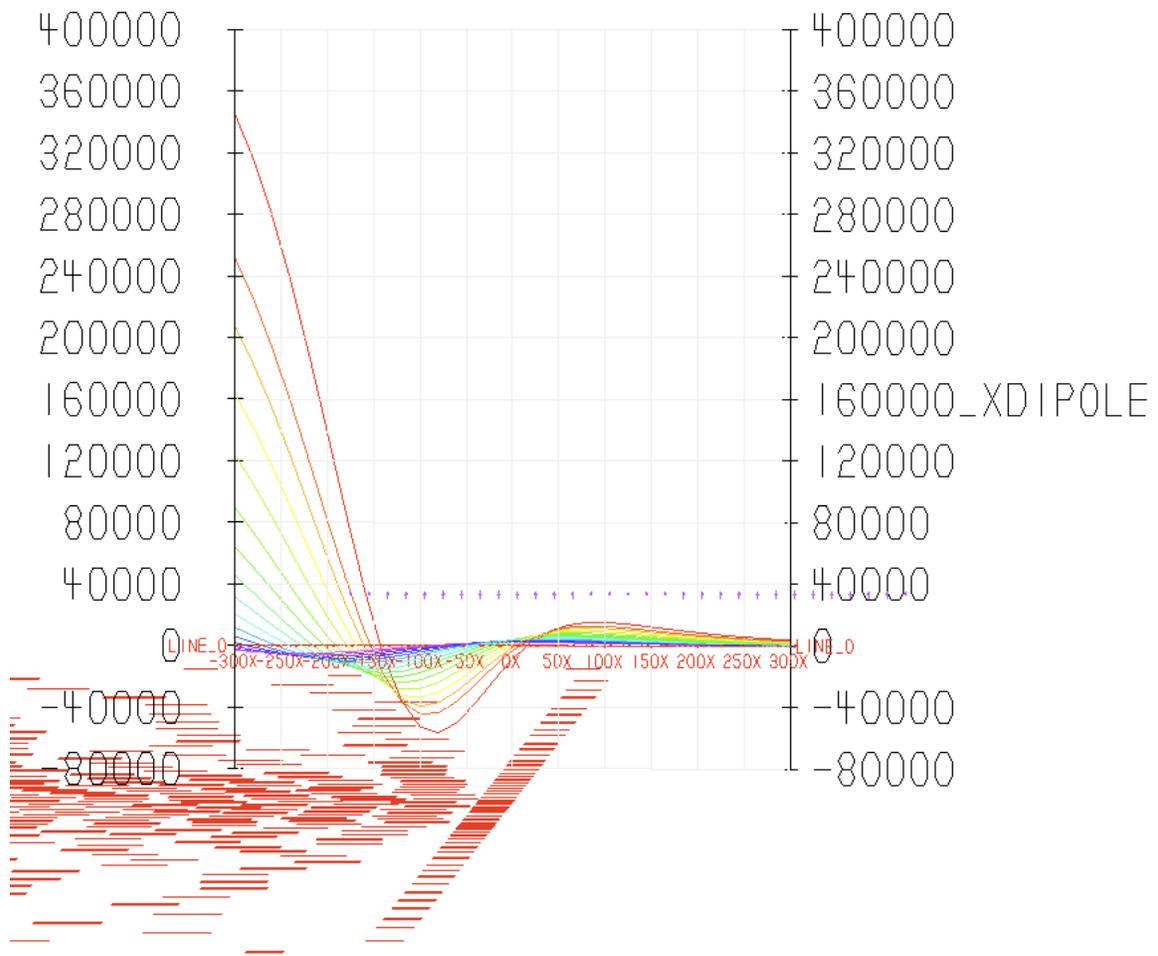


Figure 10: Without the first 4 channels

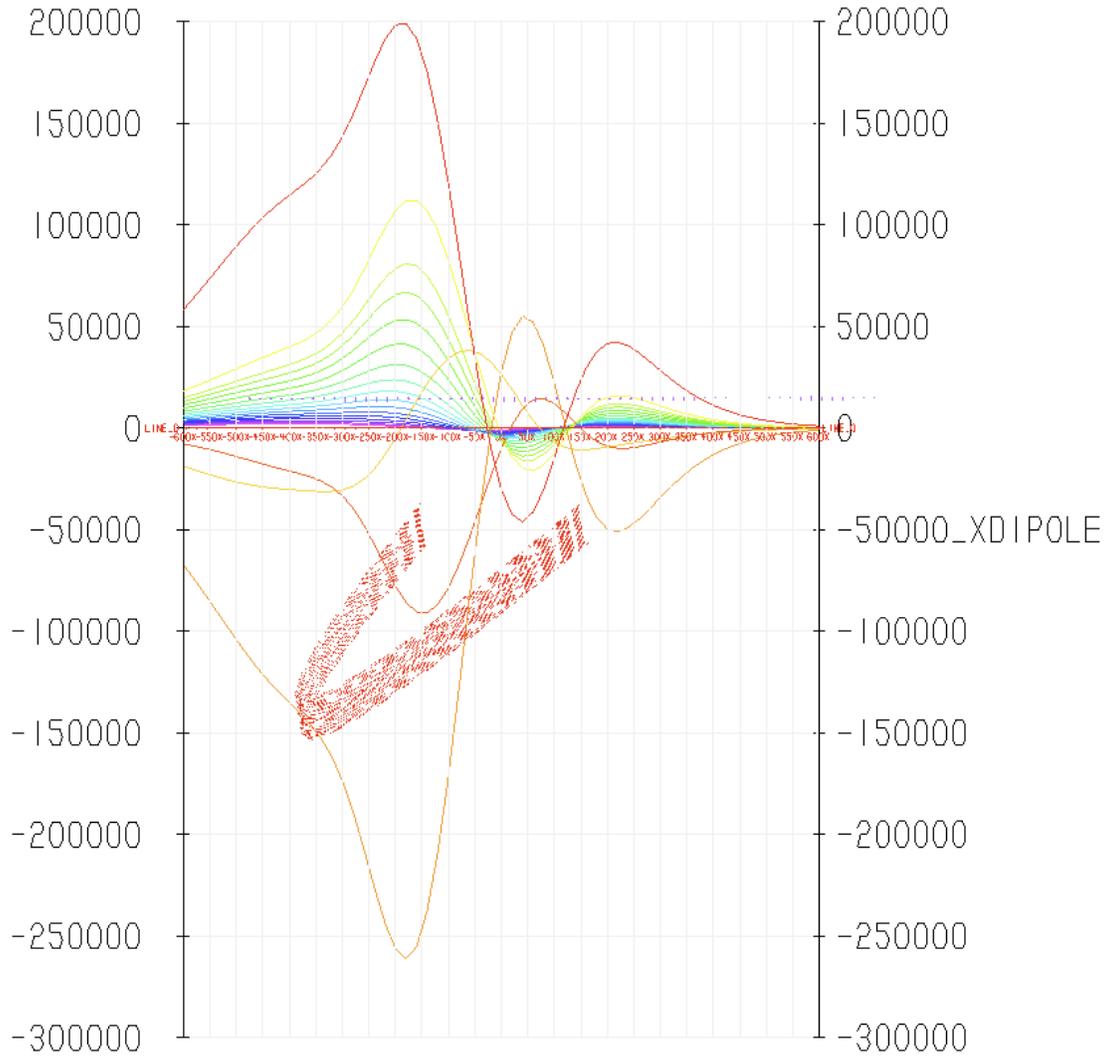


Figure 11: With on-time channels

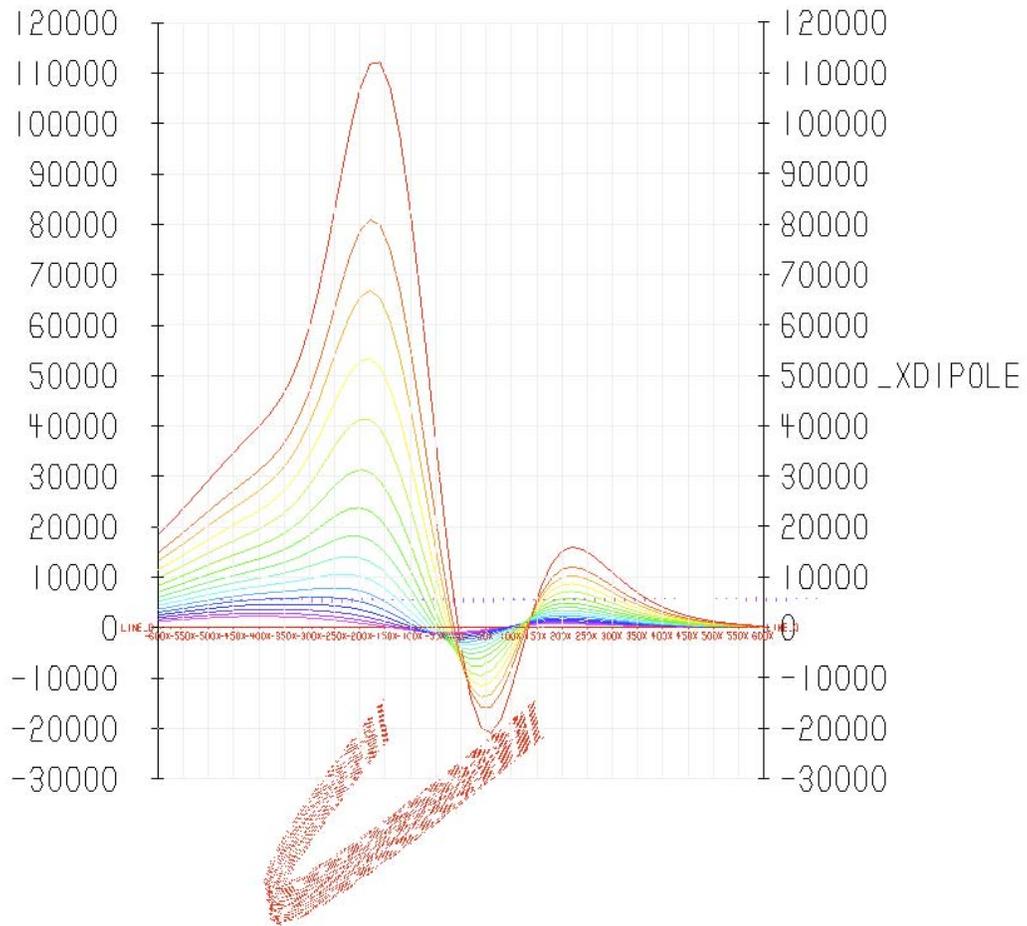


Figure 12: Without the first 4 channels

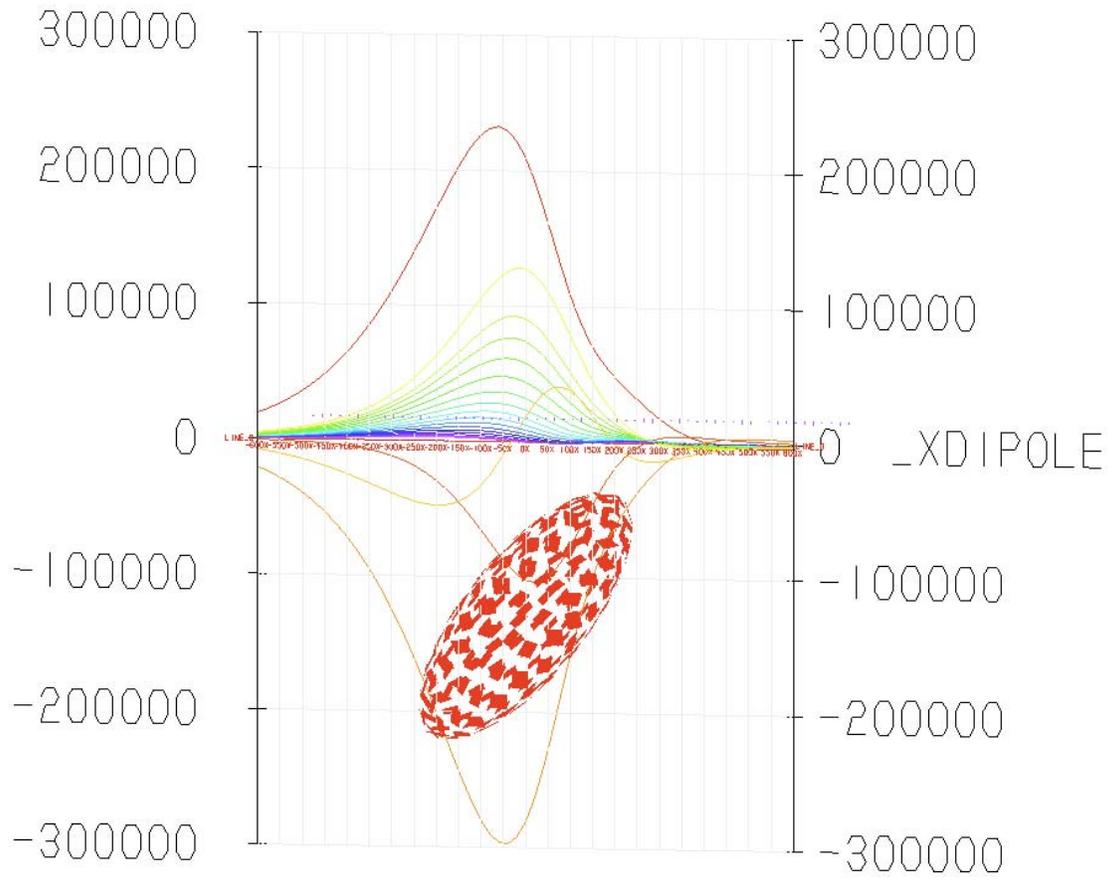


Figure 13: With on-time channels

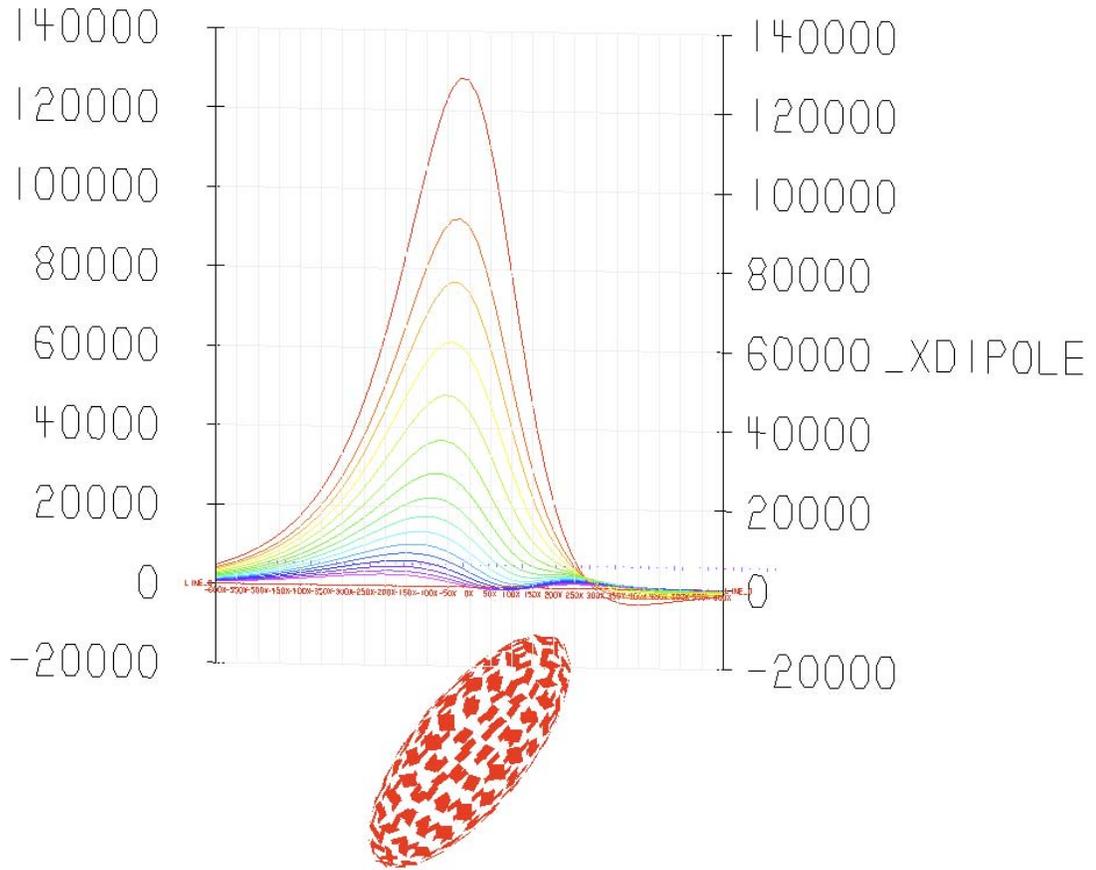


Figure 14: Without the first 4 channels