

## **APPENDIX L: THRESHOLD PRESSURES FOR SLIDE MOVEMENTS**

Figures L1–L11 illustrate threshold pressure above the slide plane for start, stop, and slowing of slide movement during each movement episode. The figures contain notes made while compiling Table 7 of the main text. Also shown is cumulative precipitation from the start of each water year on July 1. In a few cases, detailed charts at large vertical scales are given to illustrate the uncertainty in picking exact time that movement begins or ends. Numbers in colored boxes are all in head (meters H<sub>2</sub>O) above the base of the basal shear zone.

## December 2002 to February 2003 Movement Events

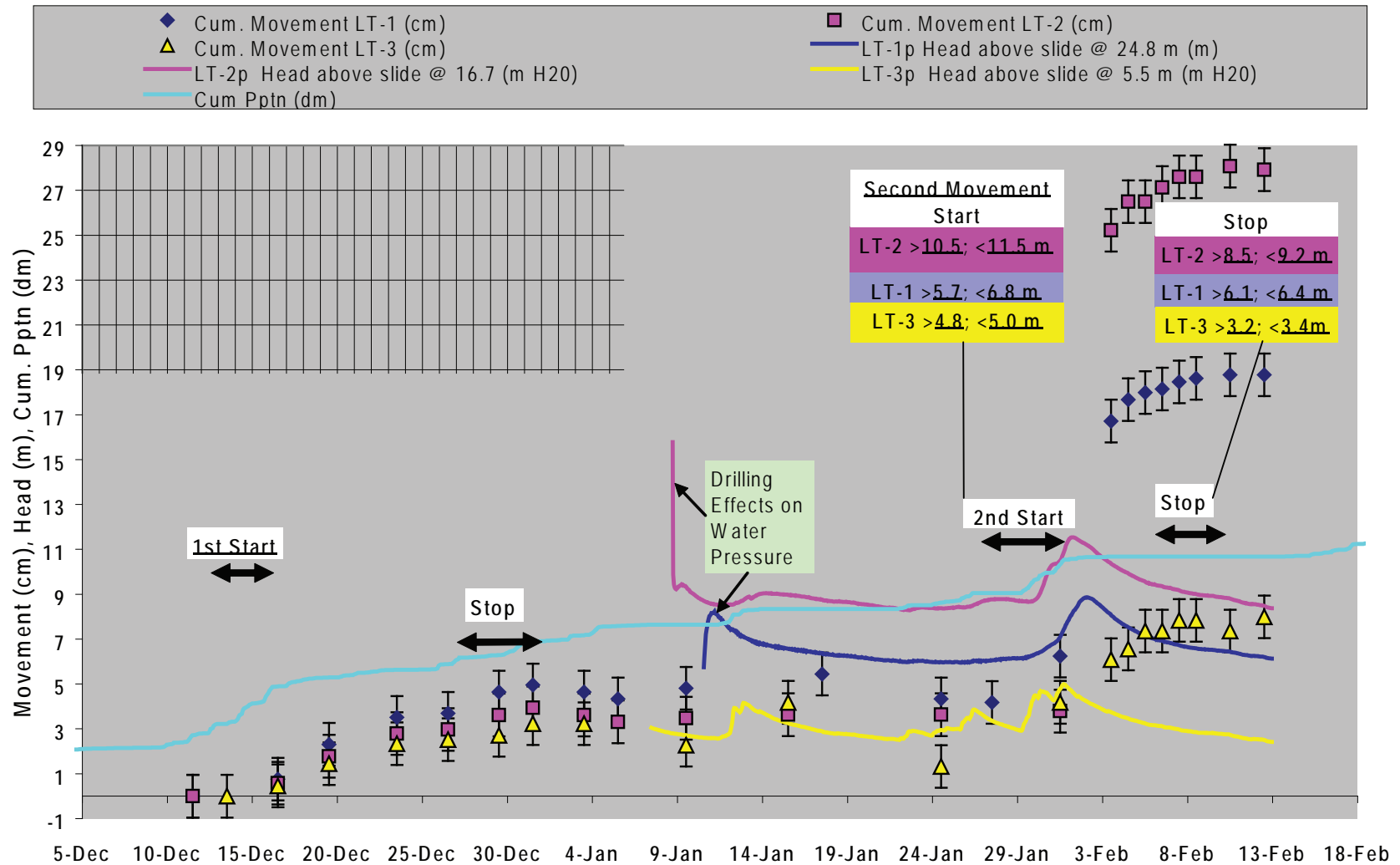
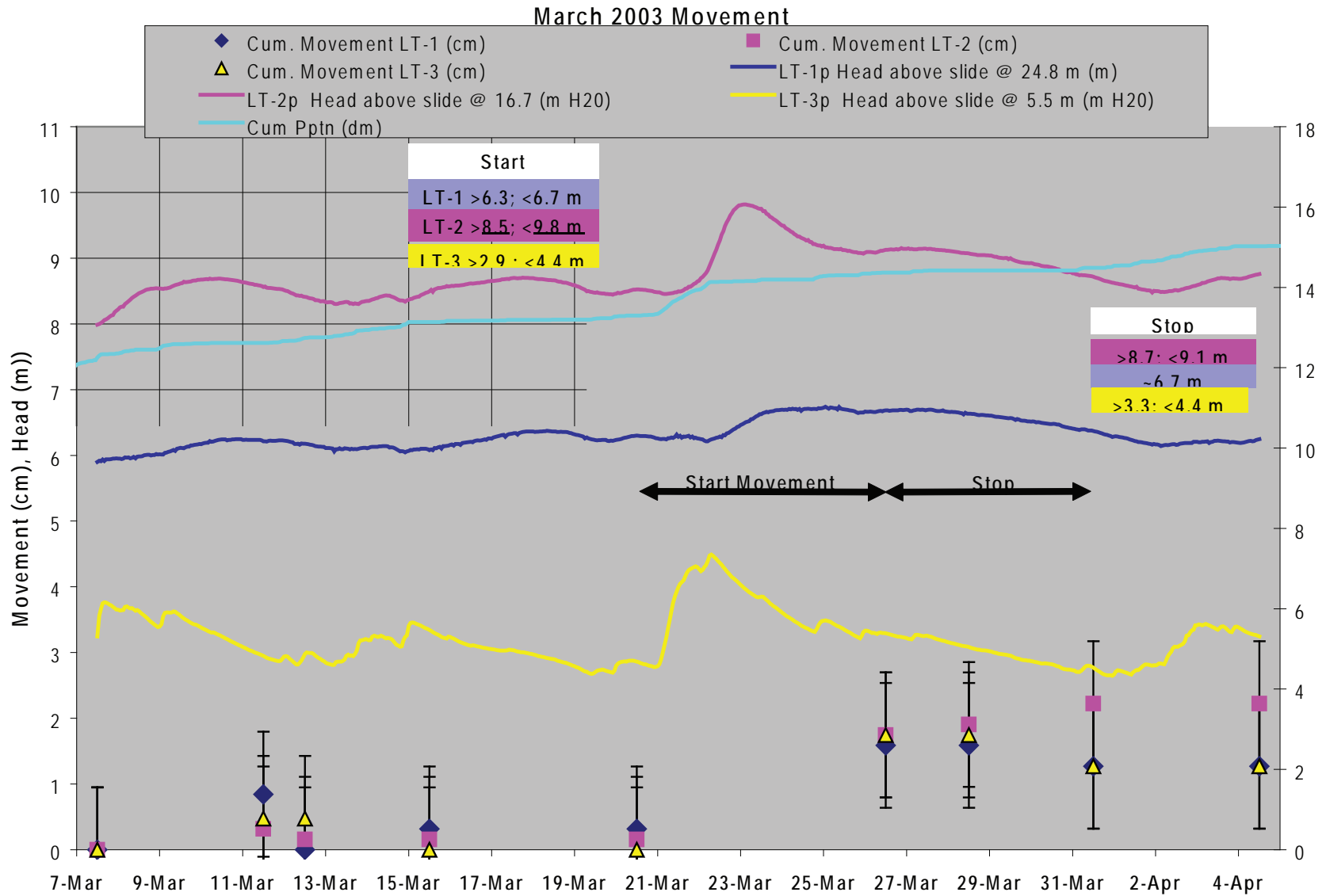


Figure L1. Threshold pressure above the slide plane for December 2002 to February 2003 movement events.



**Figure L2.** Threshold pressure above the slide plane for March 2003 movement.

## November 2003 to March 2004 Movements

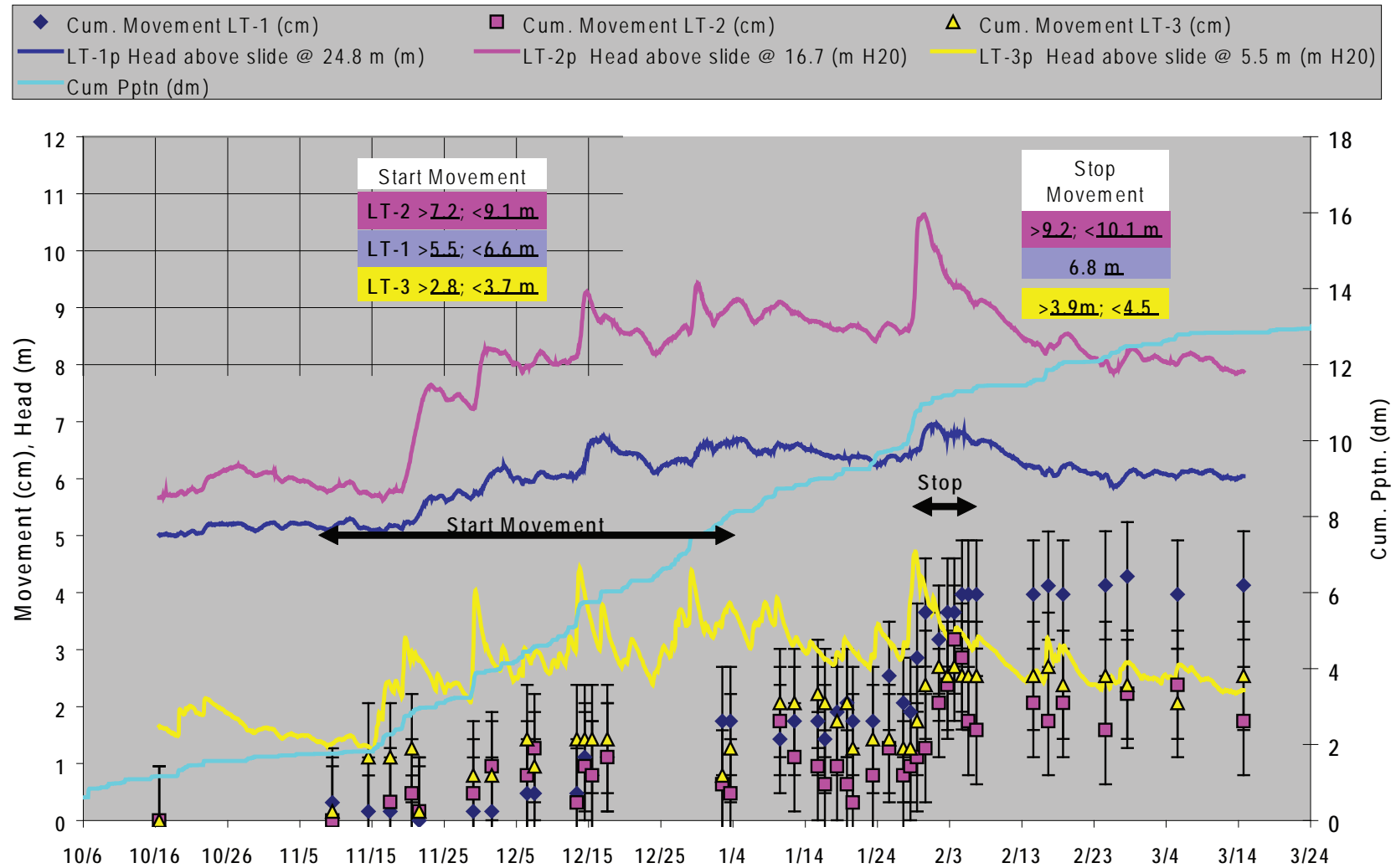


Figure L3. Threshold pressure above the slide plane for November 2003 to March 2004 movements.

## October 2004 to January 2005 Movement

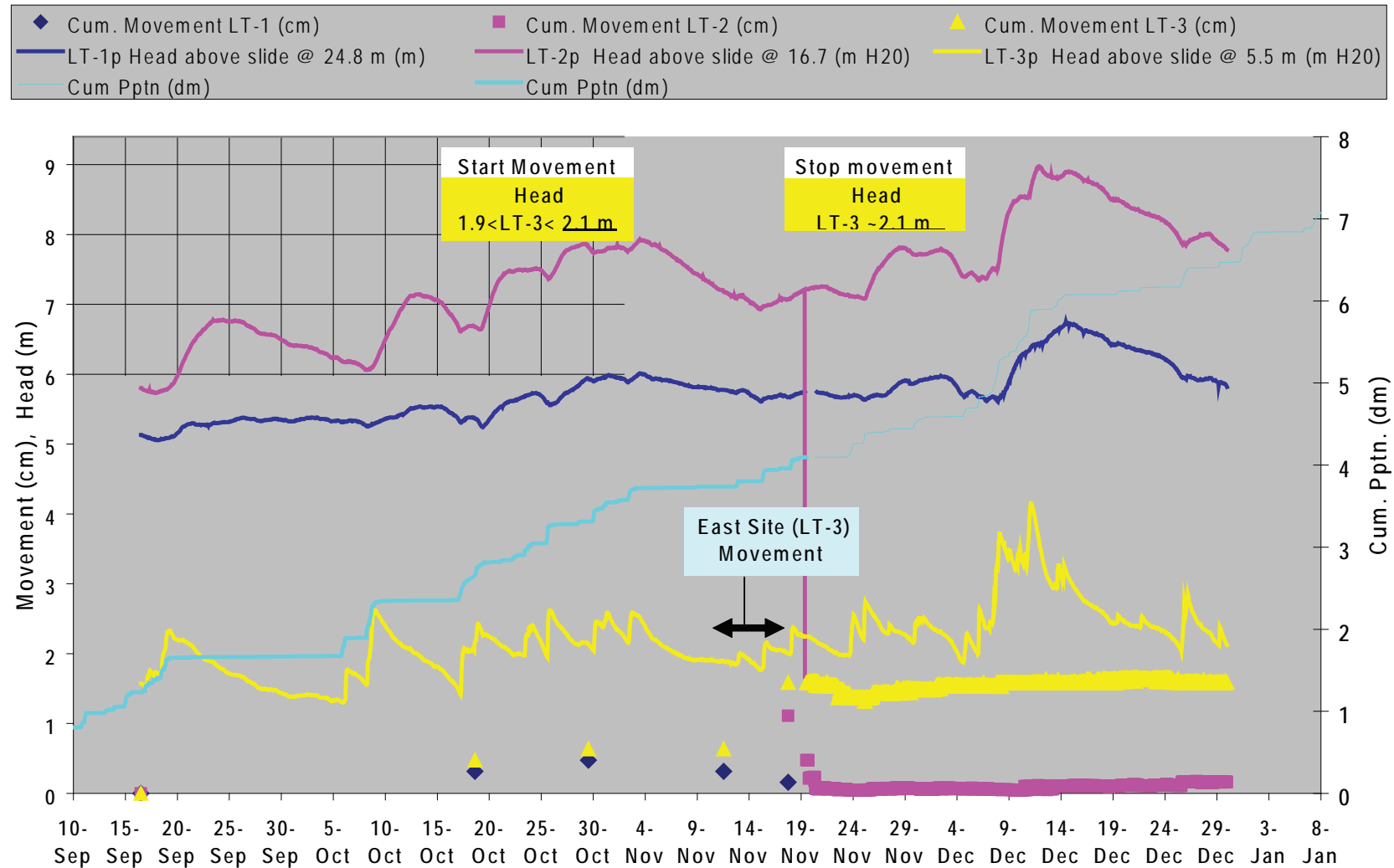
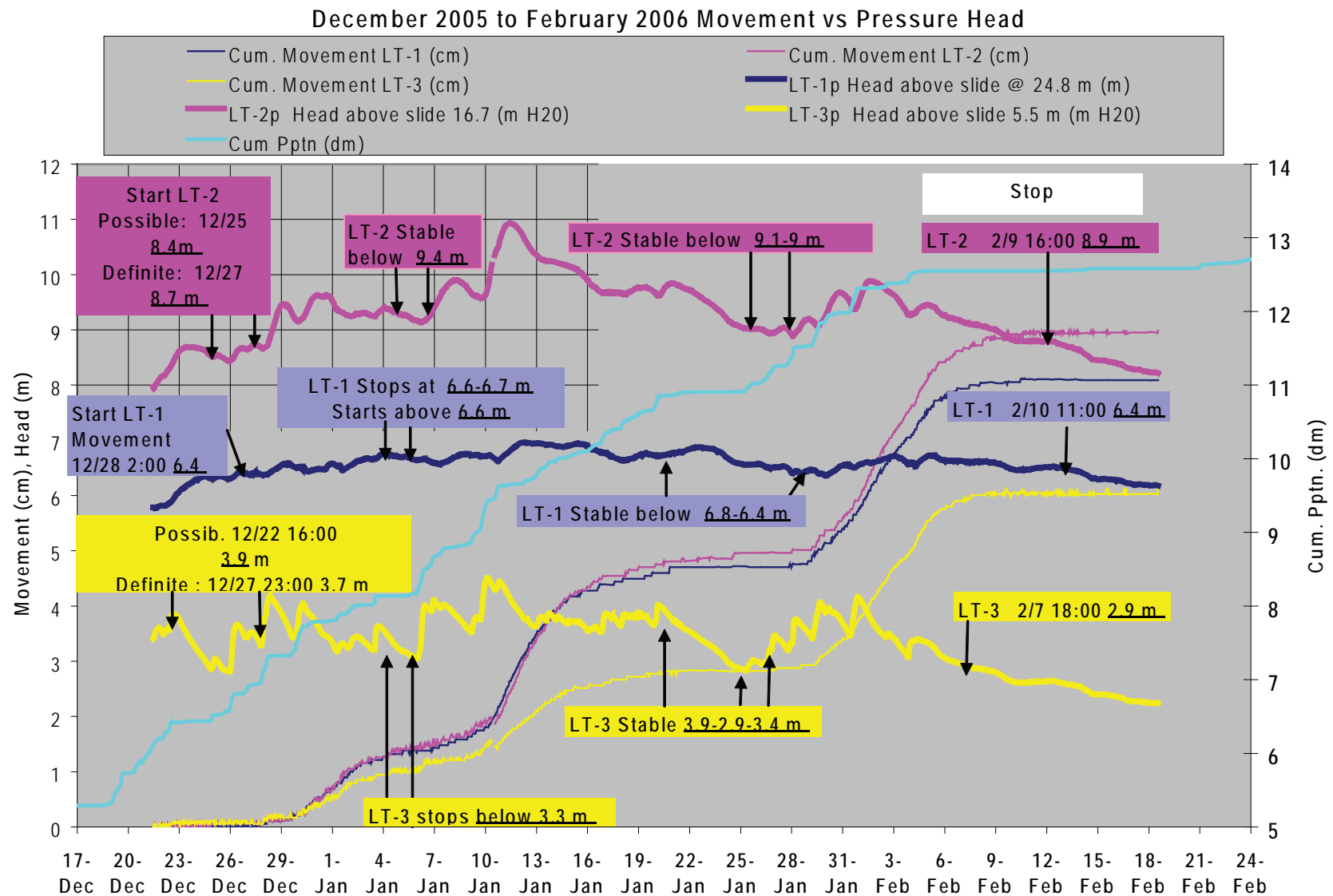


Figure L4. Threshold pressure above the slide plane for October 2004 to January 2005 movement.



**Figure L5.** Movement versus pressure head for December 2005 to February 2006.

## Start of December 2005 Movement Event

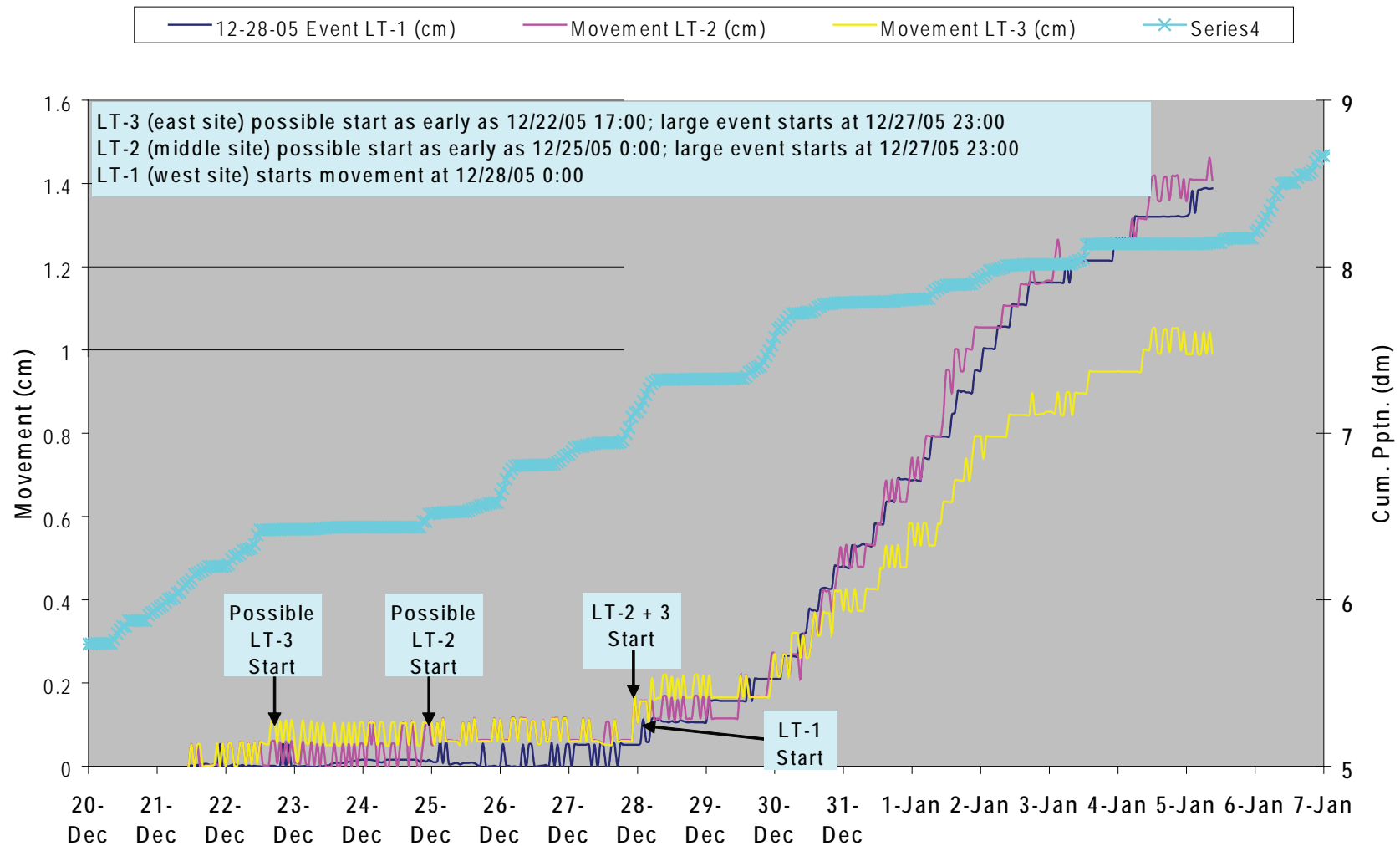
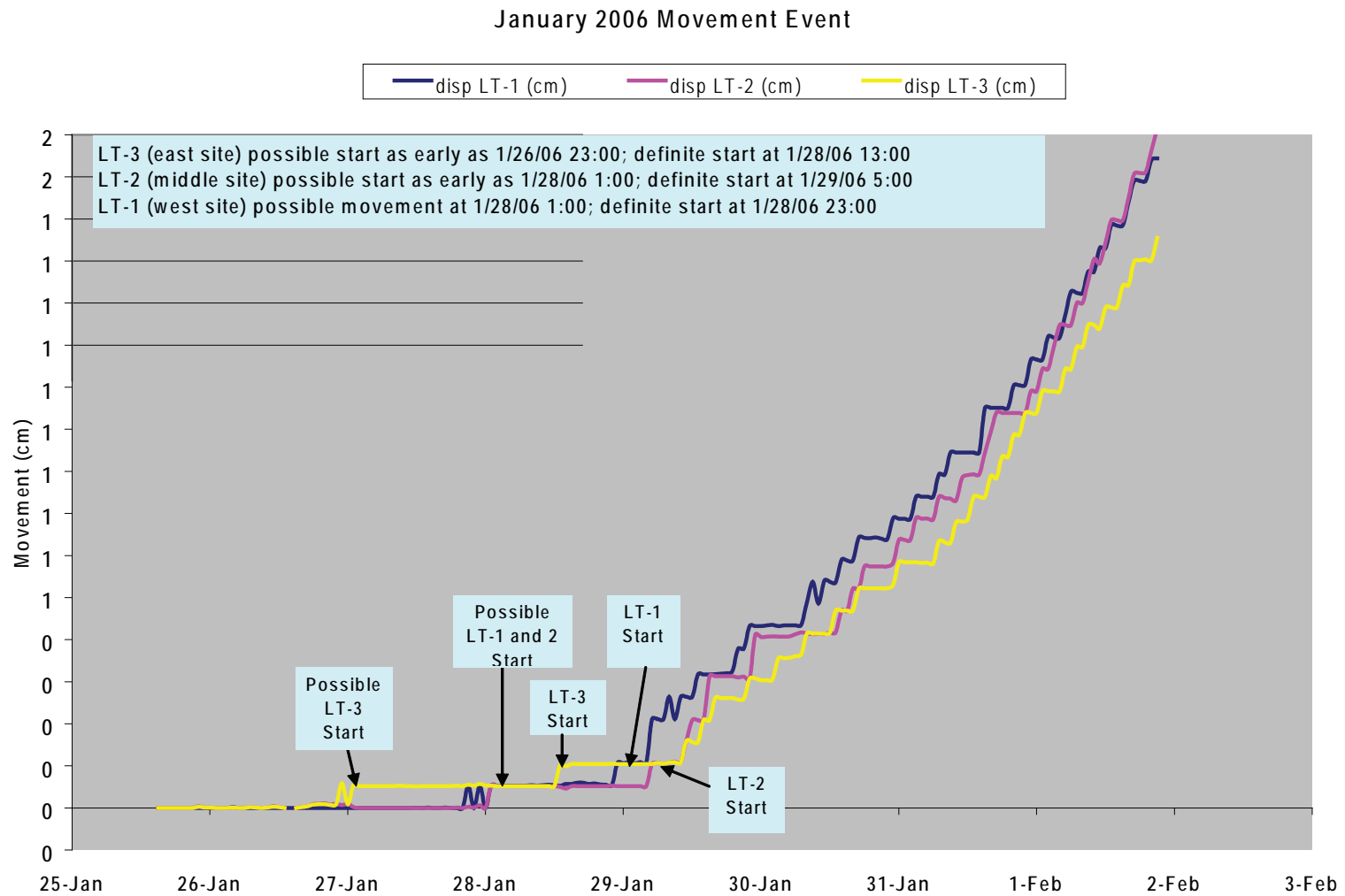
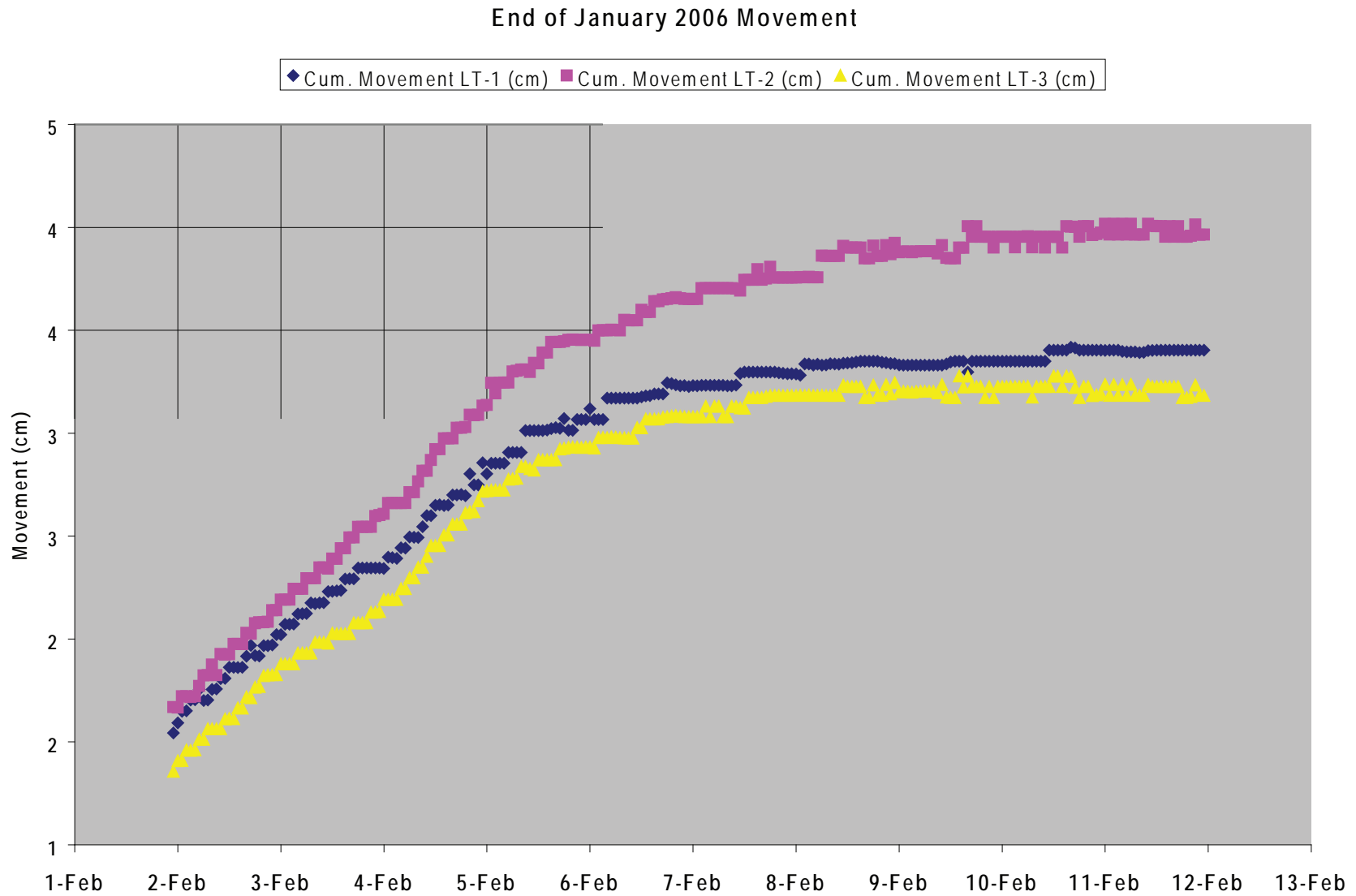


Figure L6. Uncertainty in slide movement data for the December 2005 event.



**Figure L7.** Uncertainty in slide movement data for the January 2006 event.





**Figure L8.** Uncertainty in slide movement data for the December 2005 event.

## November 2006 Movement vs Pressure Head

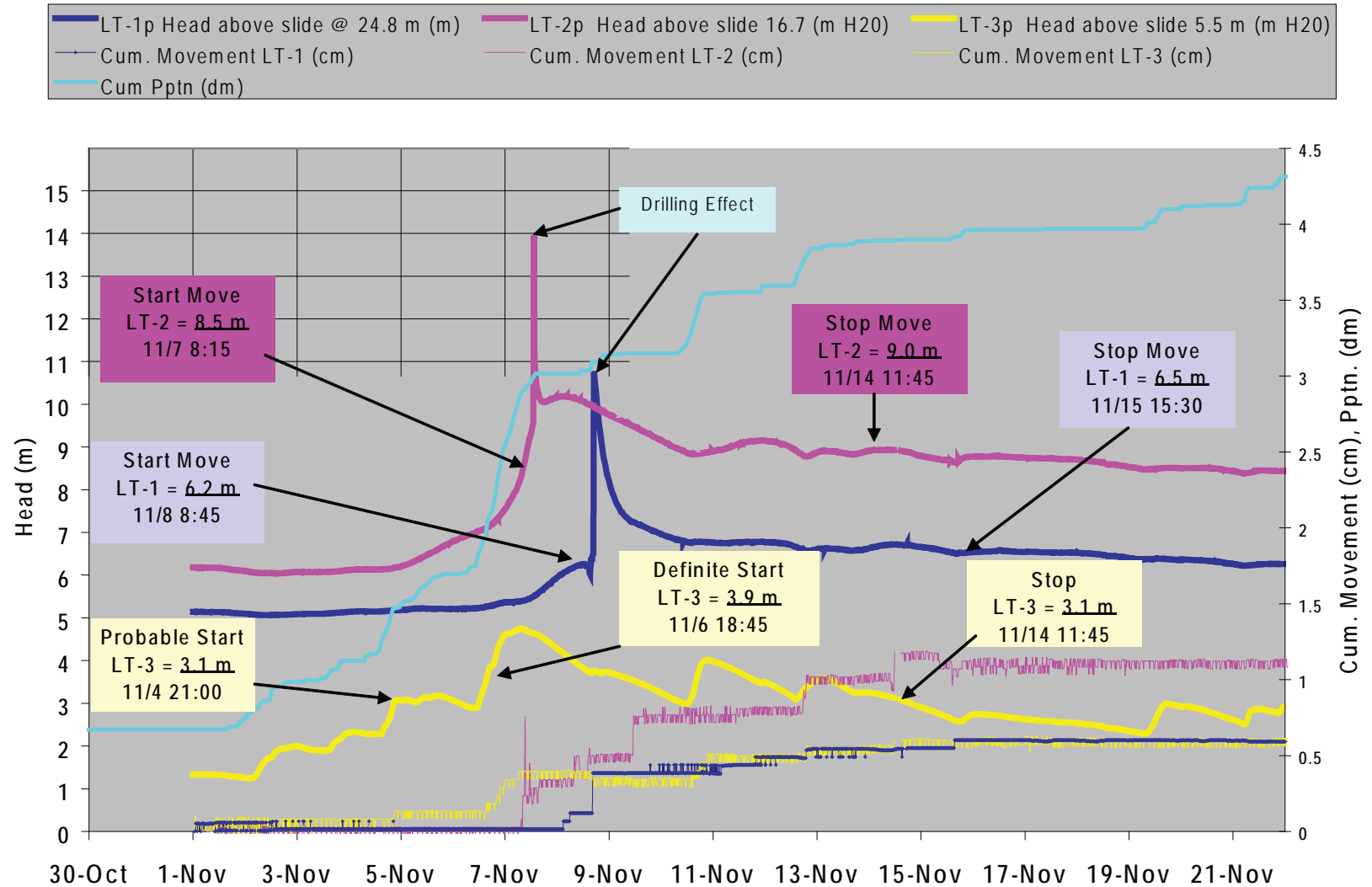


Figure L9. Movement versus pressure head for November 2006.

## December-January 2007 Movement

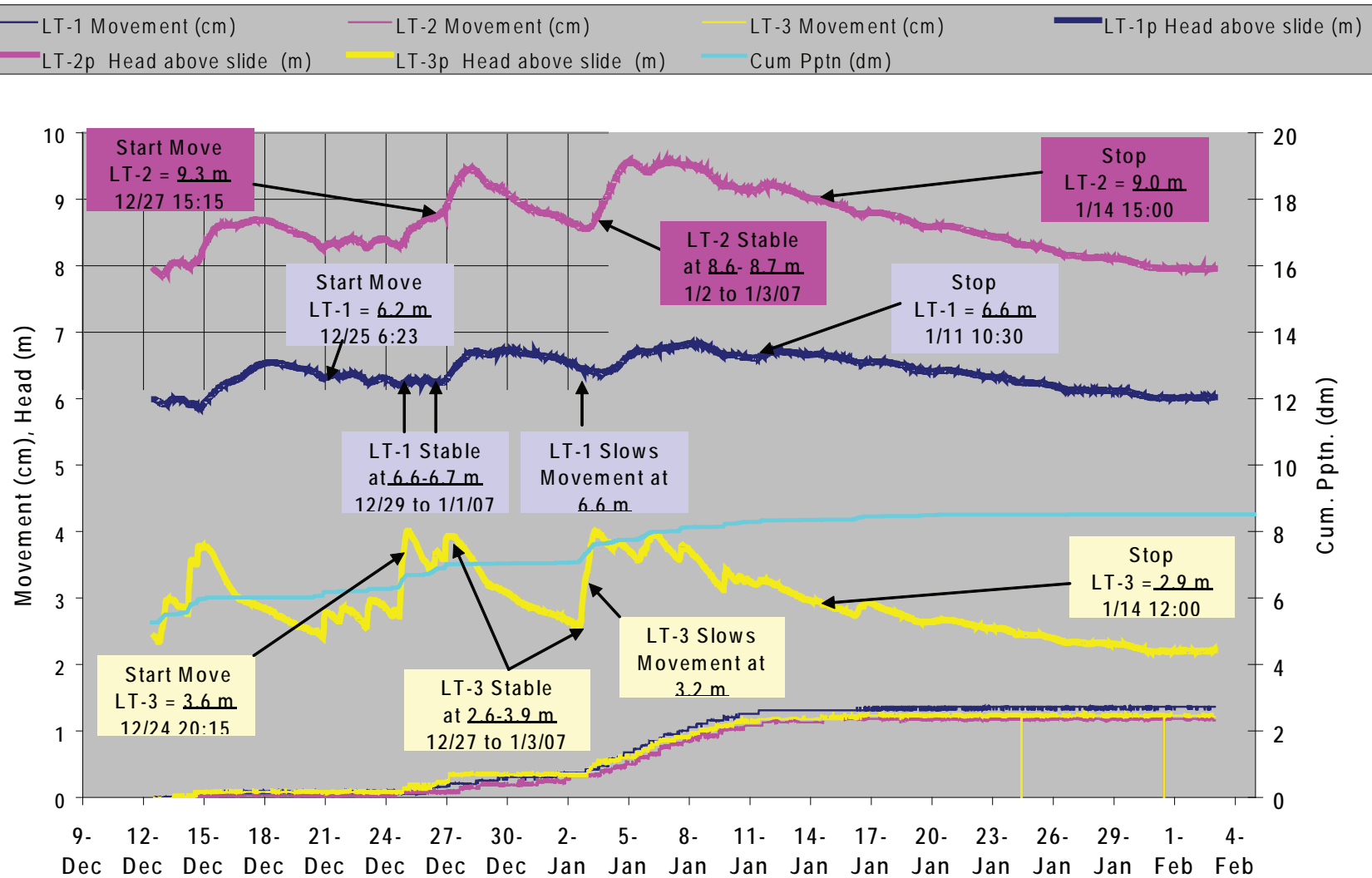
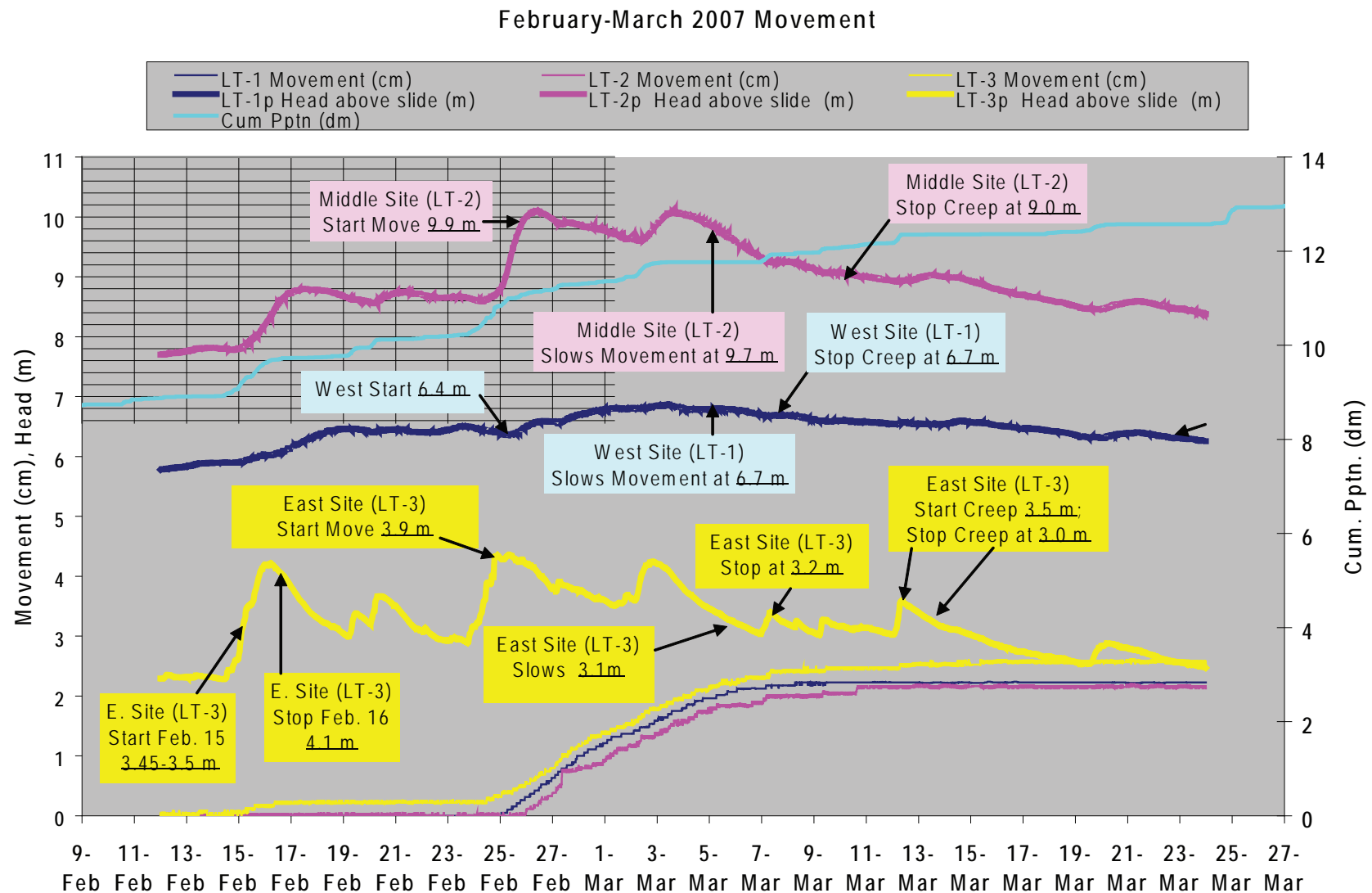


Figure L10. Slide movement data for the December 2006 to January 2007 event.



**Figure L11.** Side movement data for the February to March 2007 event.