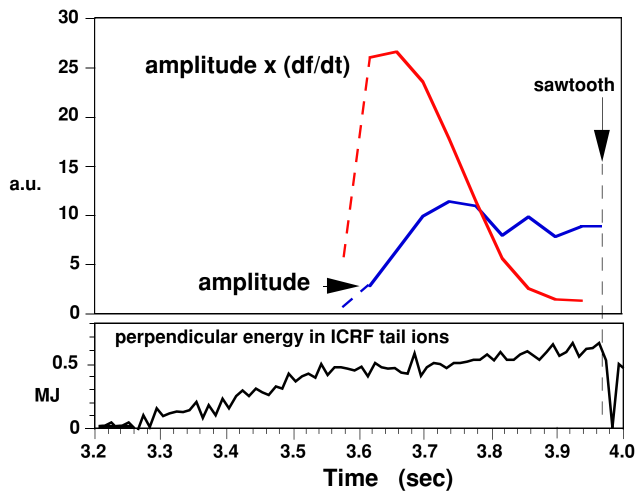

Figure 11. The evolution of the perpendicular energy stored in the tail ions is clamped during the chirping of the EPMs, and recovers when their frequency locks. The EPM's amplitude is multiplied by the variation of frequency as a measure of the chirping. Maximum fast ion losses occur at the time when sweeping is strongest.