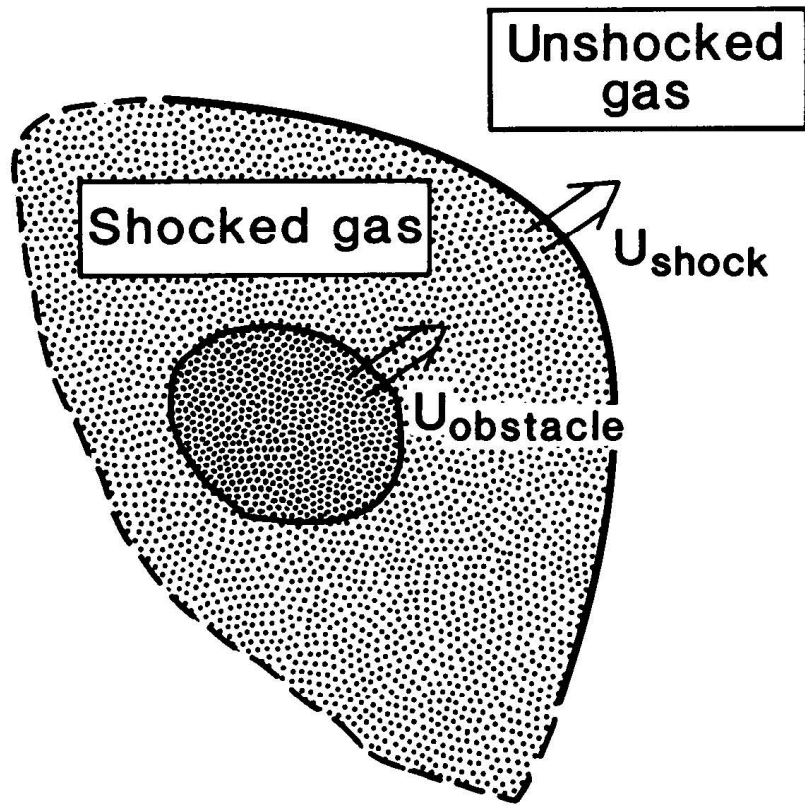
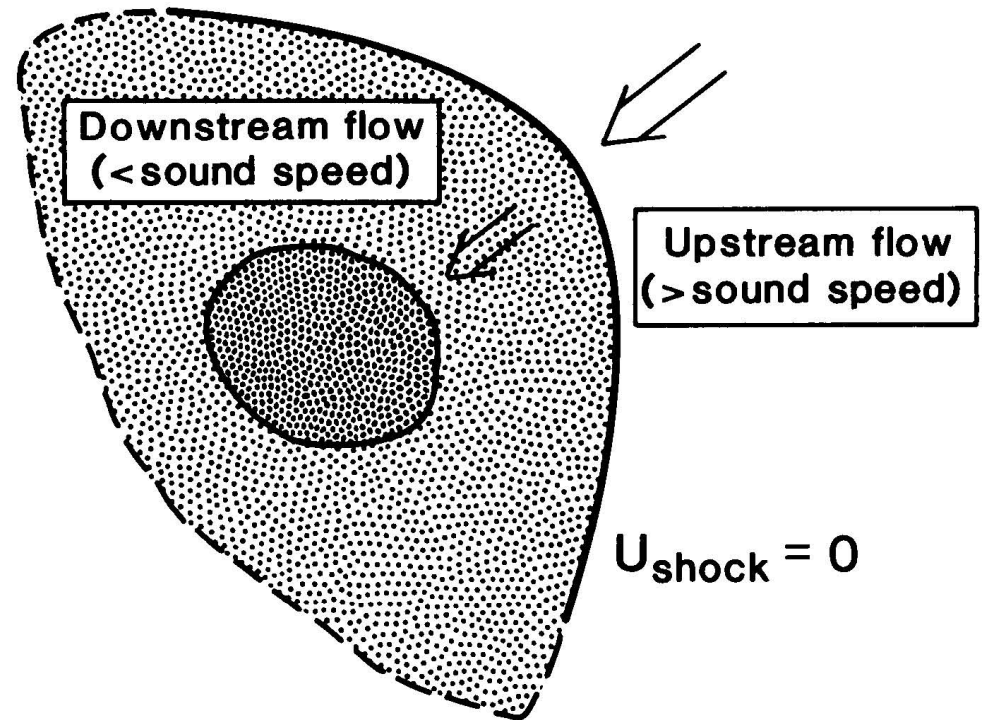


子彈以1.5倍的聲速在空氣中運動所拍攝的圖



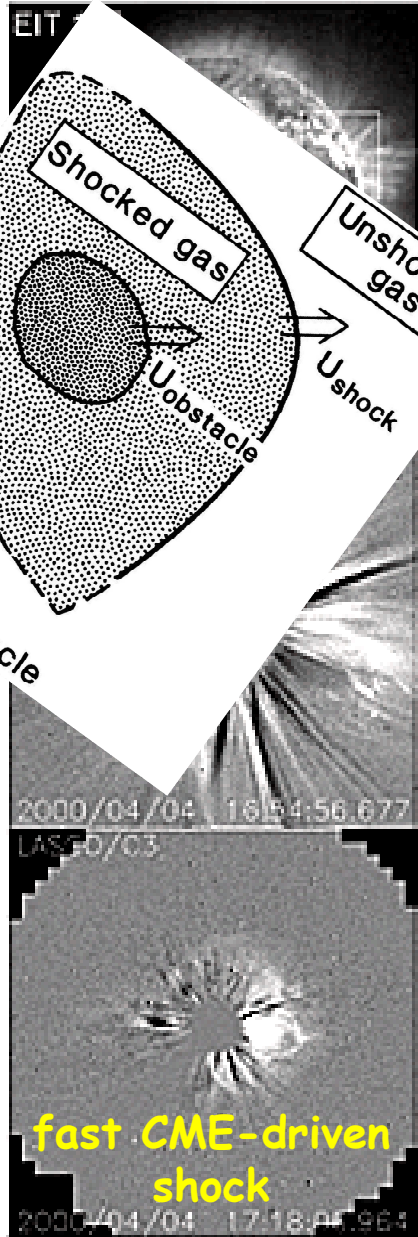
Moving Obstacle



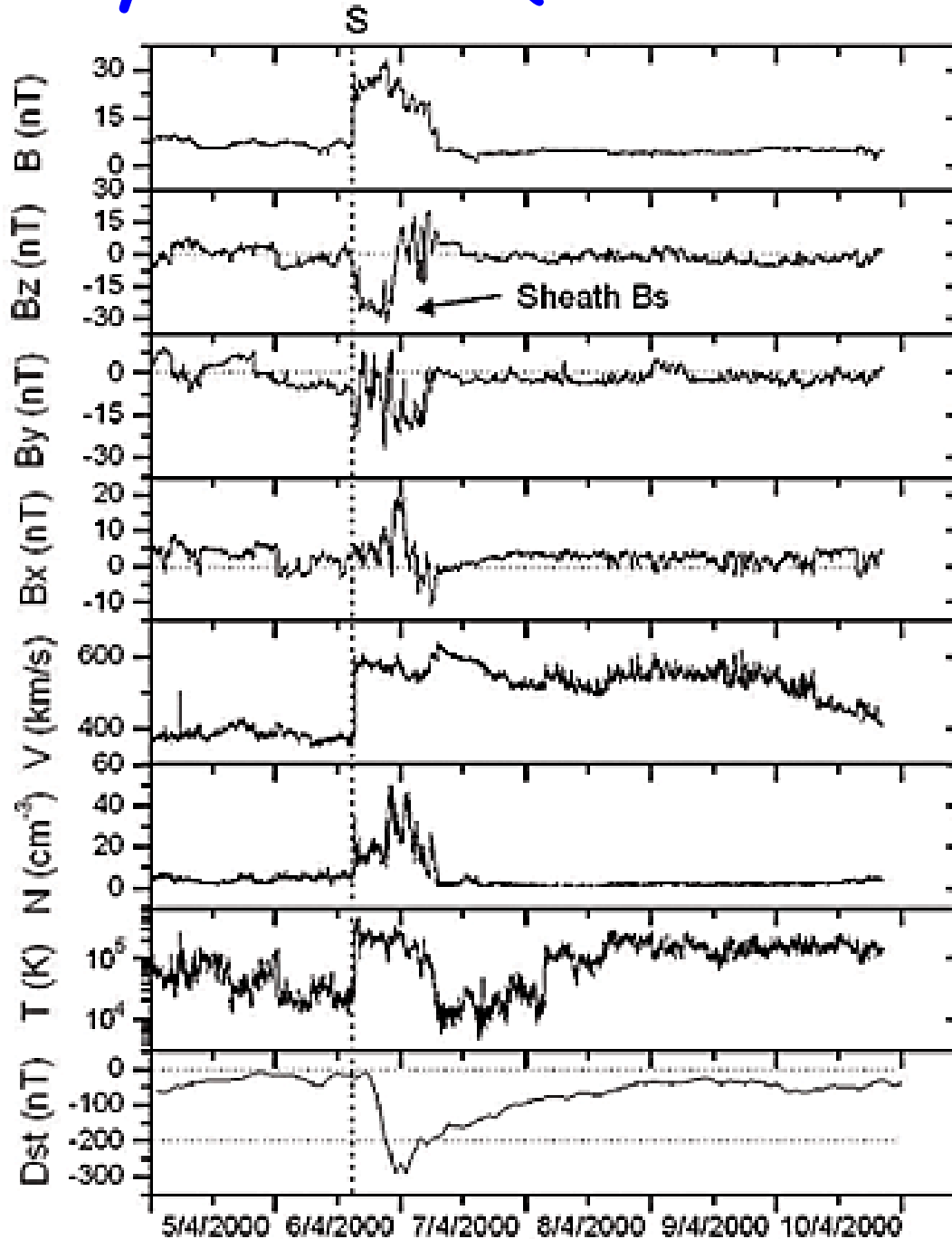
Stationary Shock

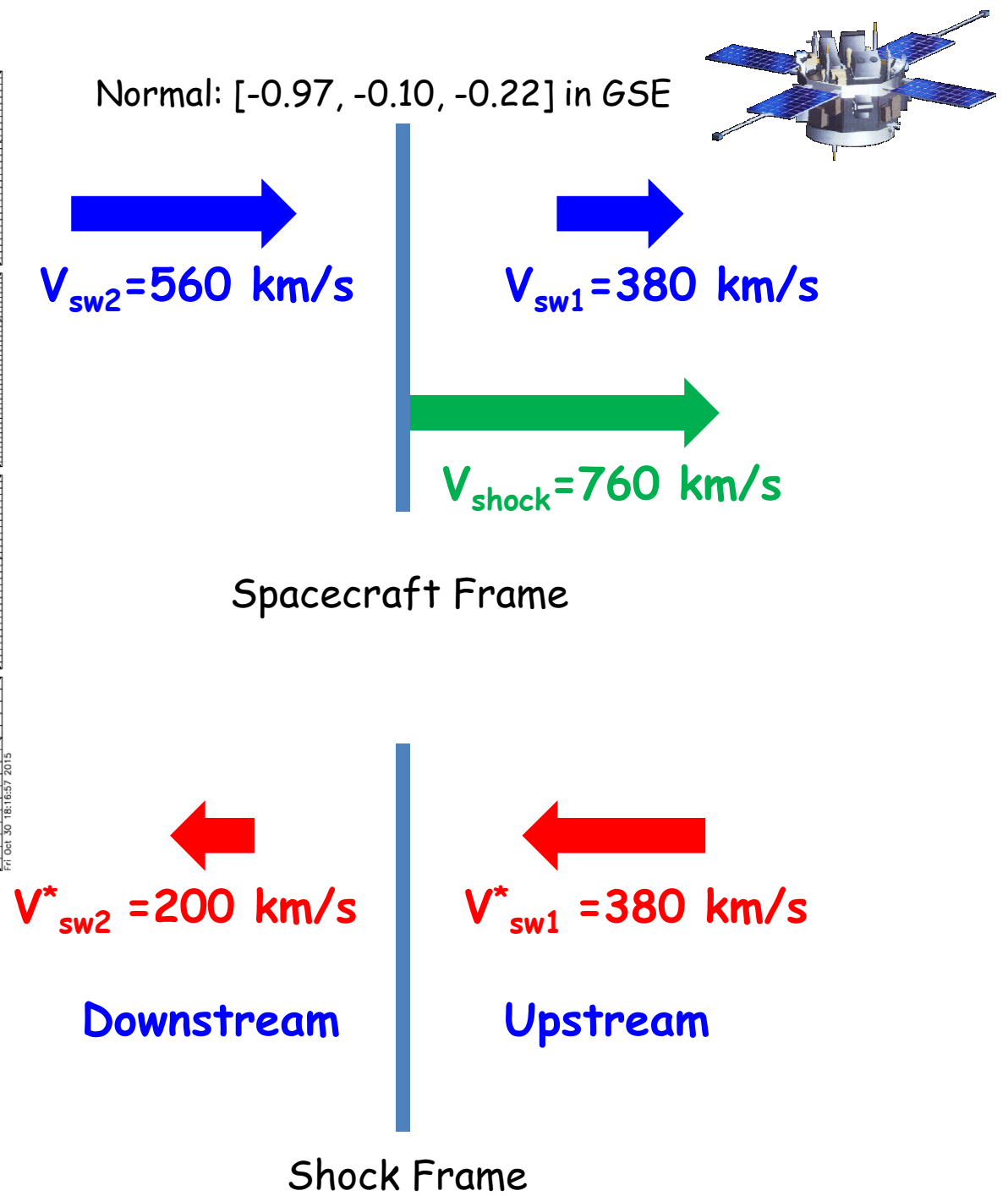
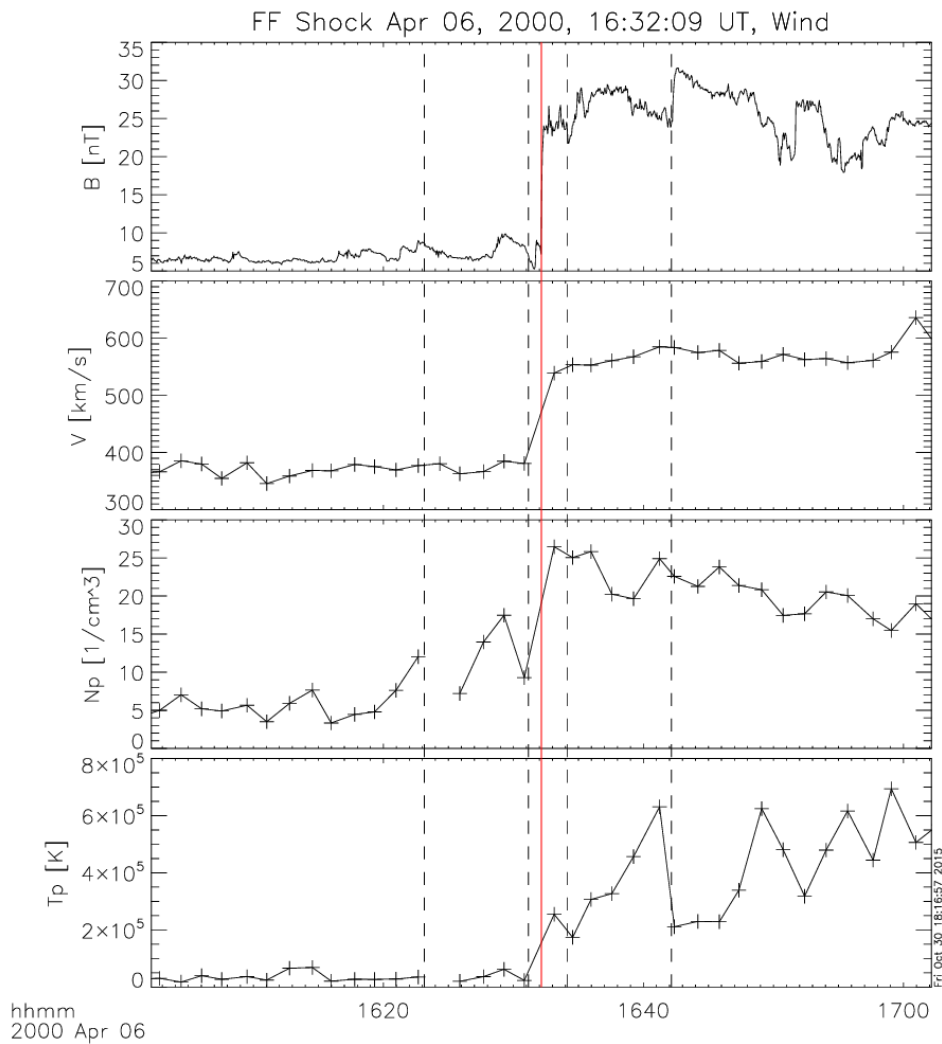
Interplanetary Shock (IP Shock)

04-10/04/2000

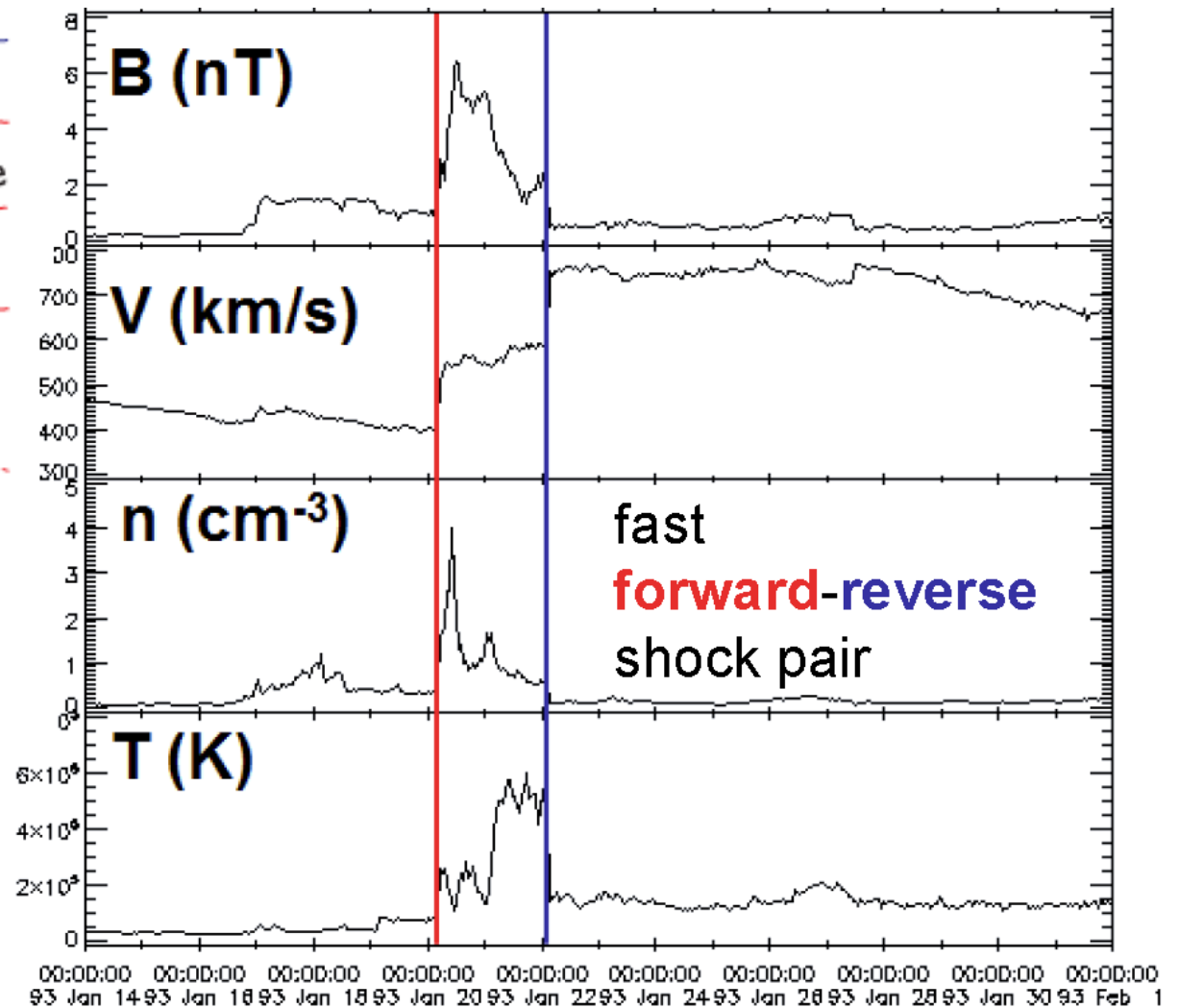
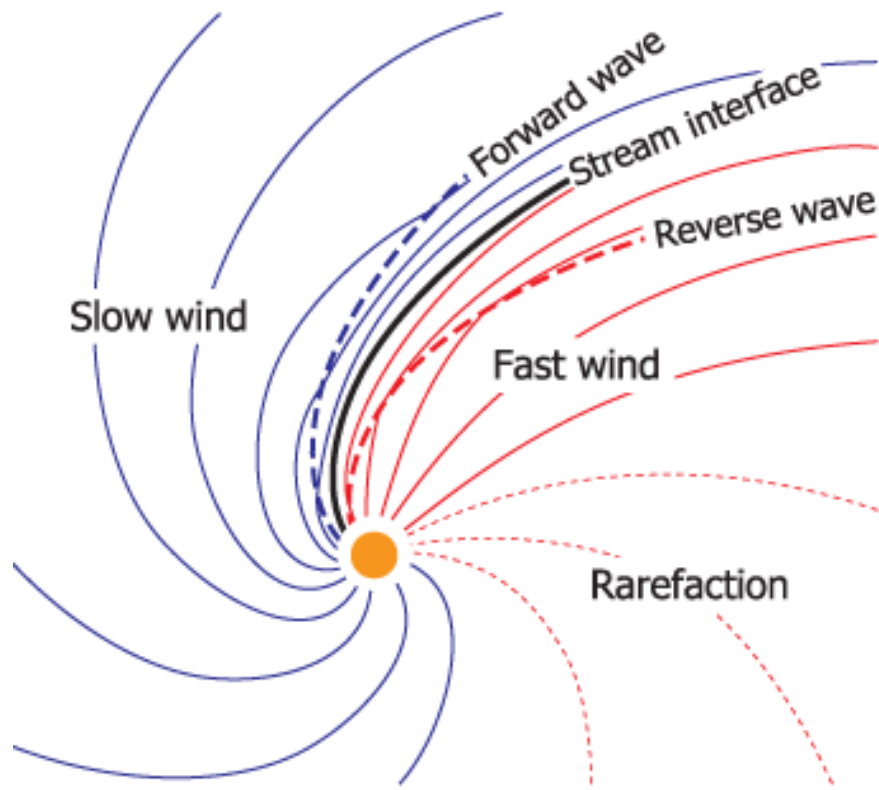


$V_{exp} = 1927 \text{ km/s}$





Co-rotating Interaction Region (CIR)

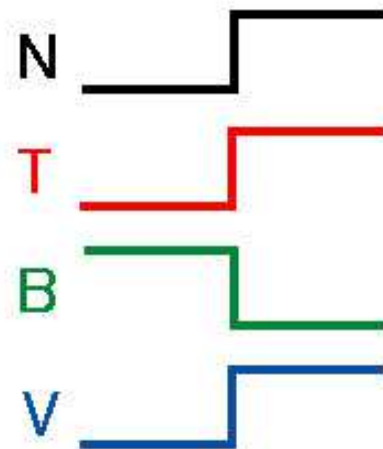
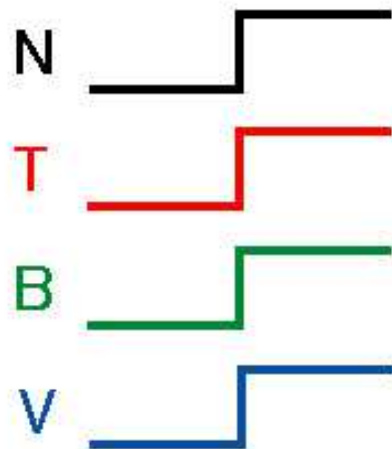


INTERPLANETARY SHOCK SIGNATURE

(in spacecraft frame of reference)

Fast Forward [FF]

Slow Forward [SF]

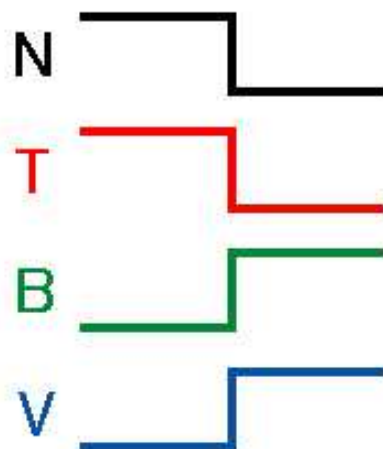
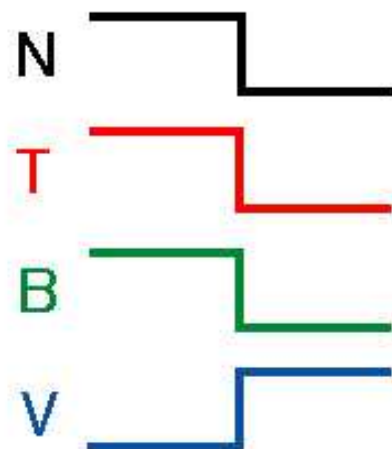


Time



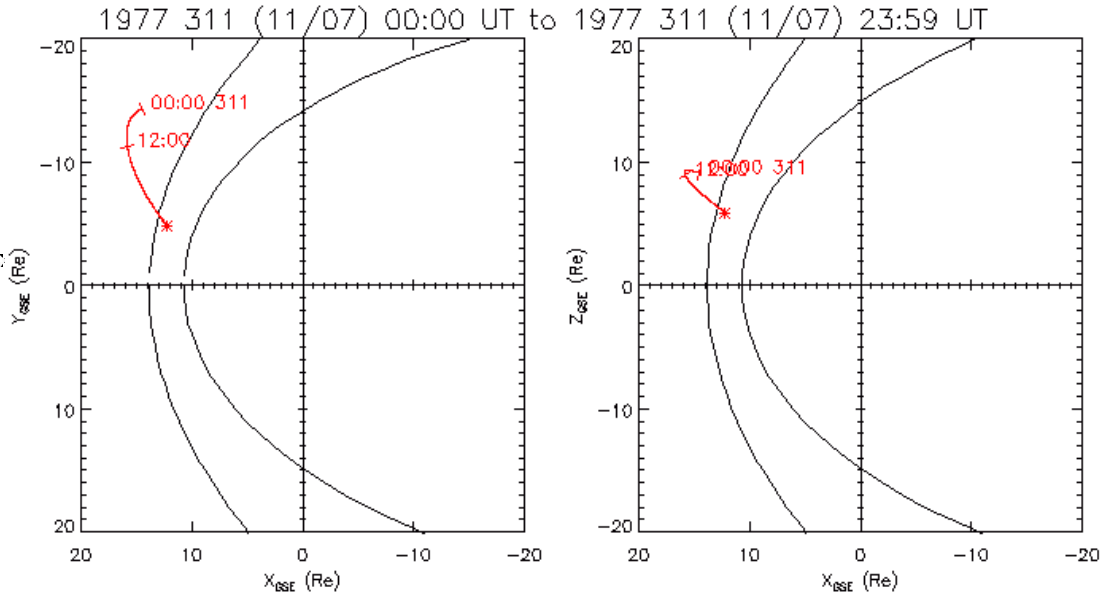
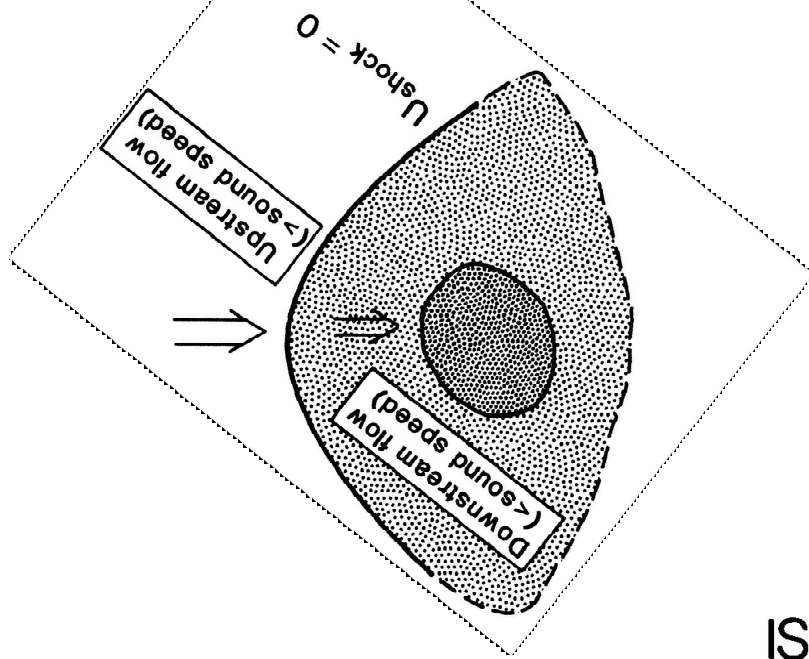
Fast Reverse [FR]

Slow Reverse [SR]



Time





ISEE-1 7 Inbound 7 Nov 1977

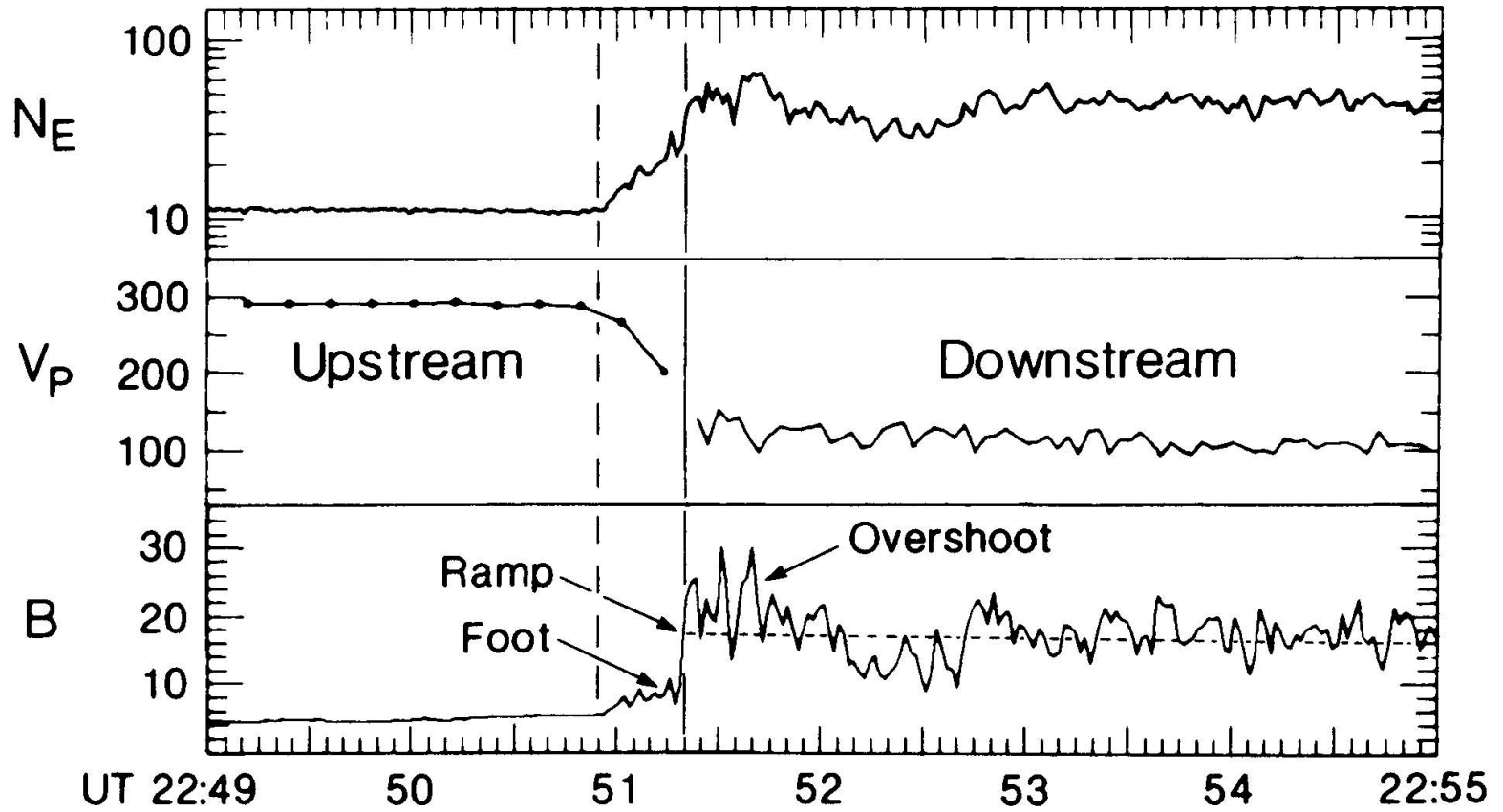


Fig. 5.4 in M. G. Kivelson and C. T. Russell (1995)

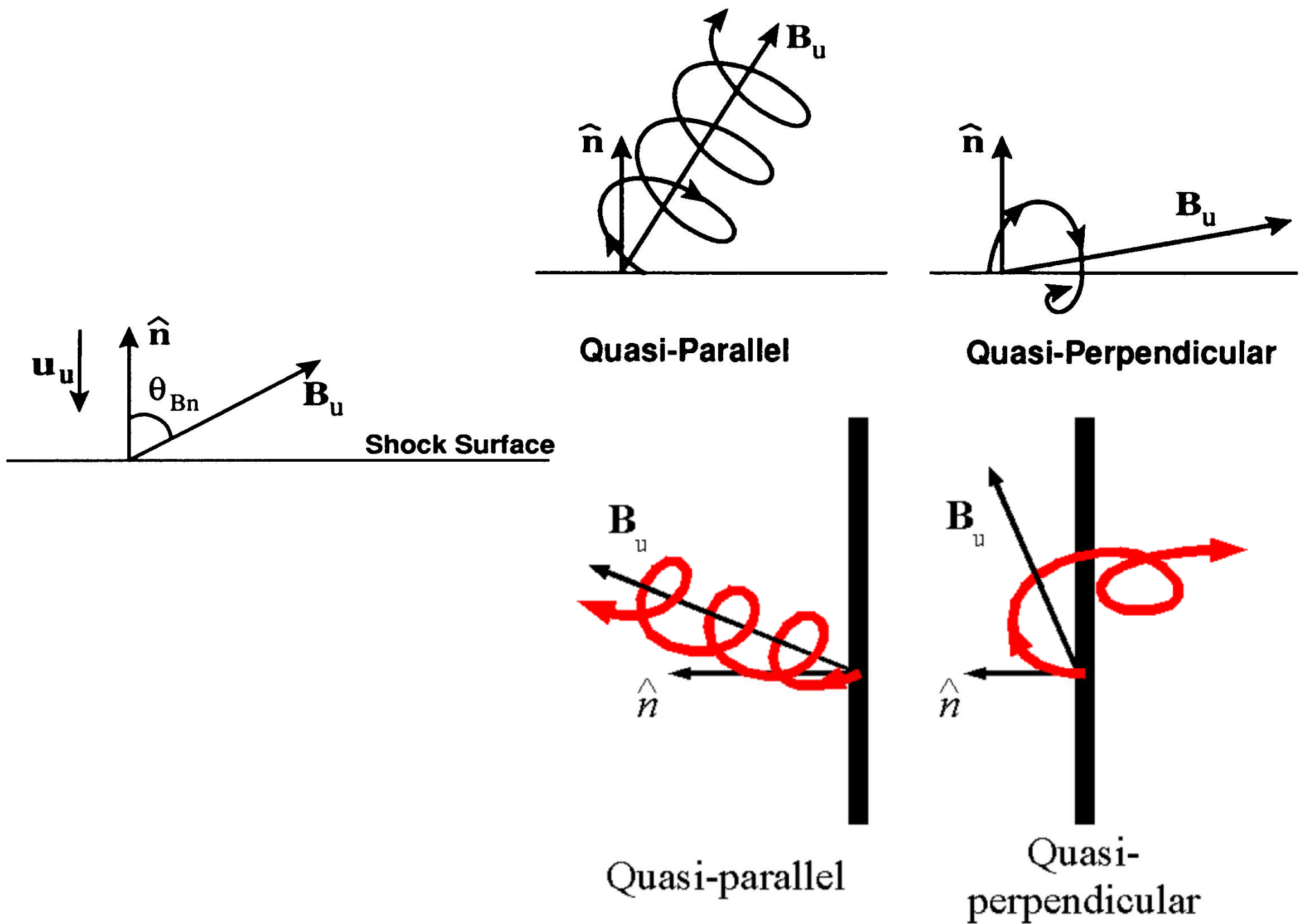
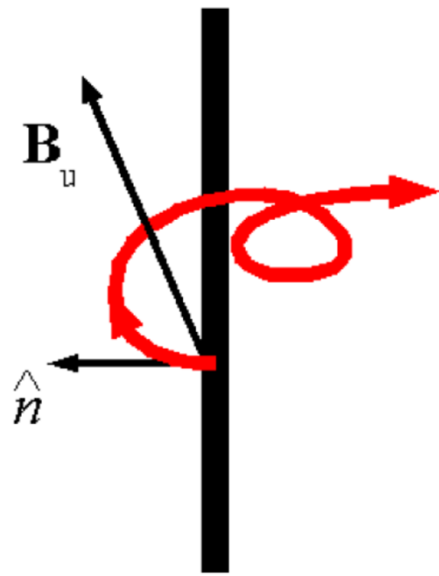
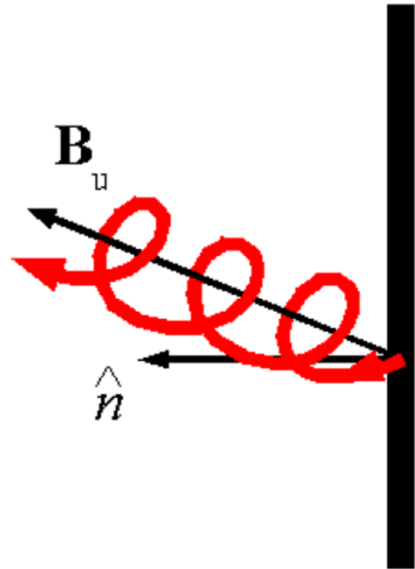


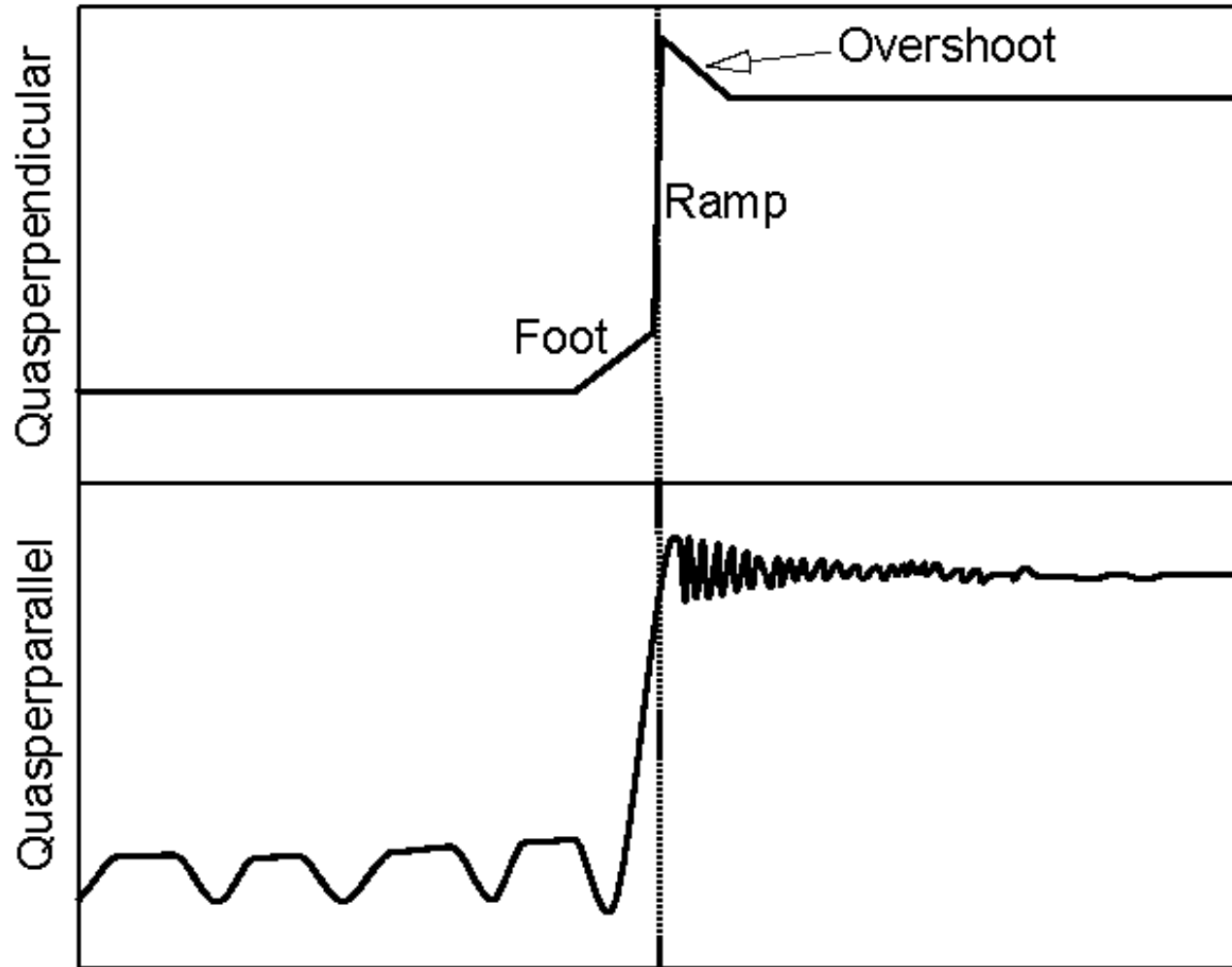
Fig. 5.5 in M. G. Kivelson and C. T. Russell (1995)

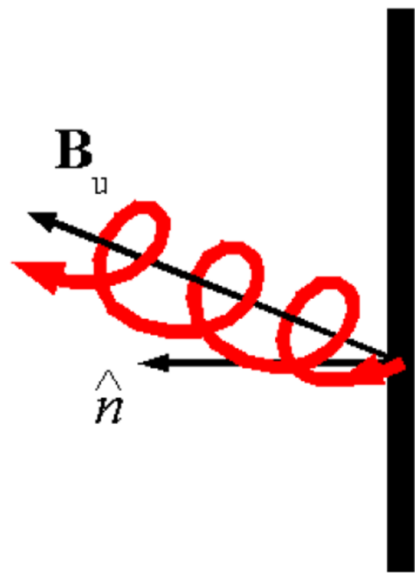


Quasi-perpendicular

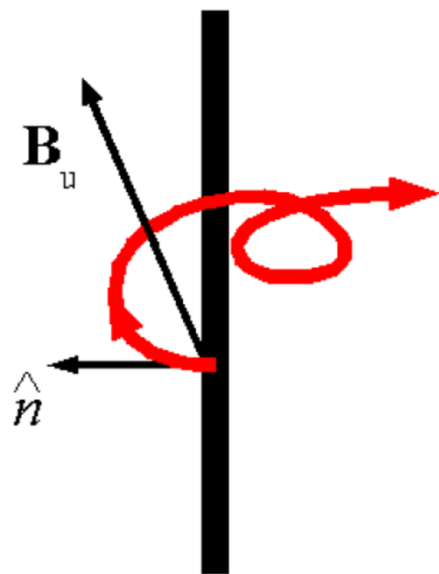


Quasi-parallel





Quasi-parallel



Quasi-perpendicular

