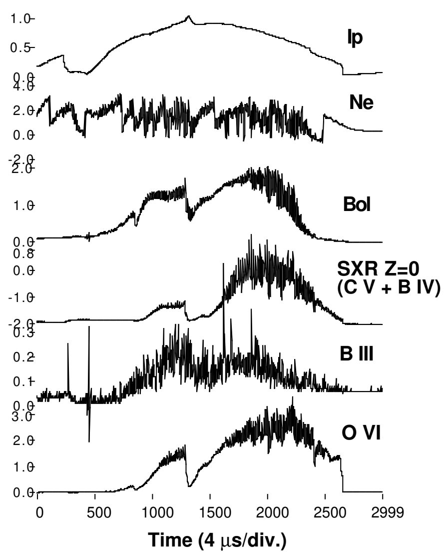
**(b) With B injection**



**(a) Without injection**