Magnetosheath Flow Maps for Four Alfvén Mach Numbers 20 -20 - $M_A = 10$ X: Stagnation point  $M_A = 4$ X: Stagnation point  $\frac{15}{8}$ (A) 15 -3 10 -× 5-- 20 0 -30 20 -10 -20 20 -30 10 10 -10 -20 Y GSE  $(R_E)$ Y GSE  $(R_E)$ 20 -20 - $M_A = 6$  $M_A = 16$ (A) 15 -X: Stagnation point  $\frac{15}{8}$ X: Stagnation point -20 35 ESE 10 -× 5-0 -30 -20 Y GSE  $(R_E)$ Y GSE  $(R_E)$