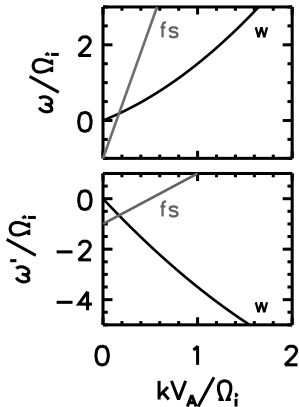


(a) foreshock ion scenario



(b) pickup ion scenario

