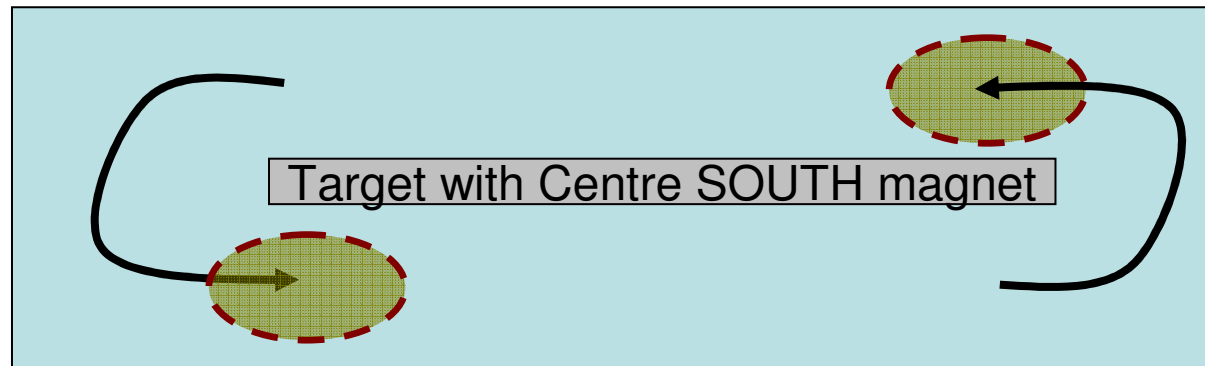

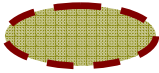


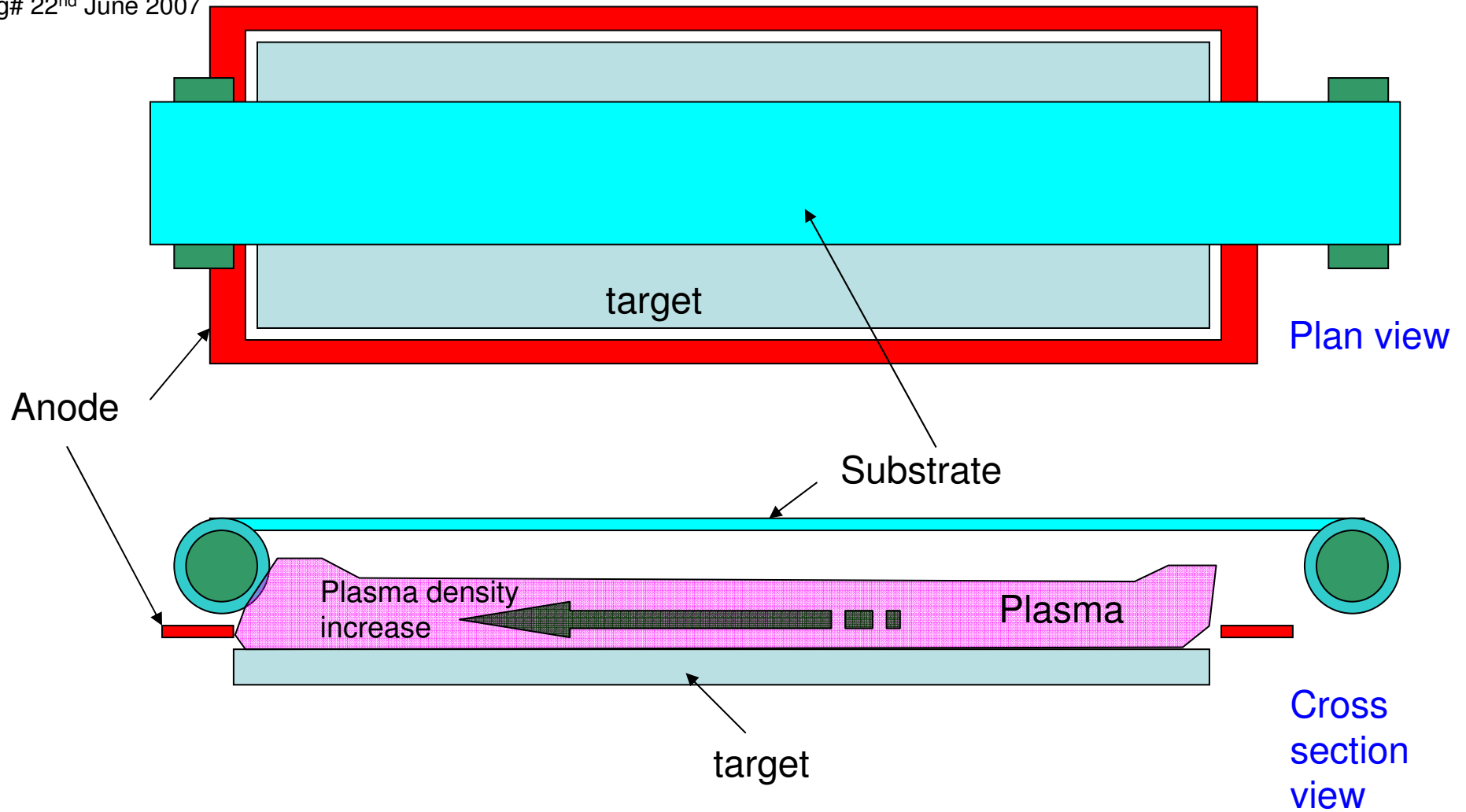
Plan view

Cross corner enhanced erosion for a NORTH and a SOUTH magnetron targets

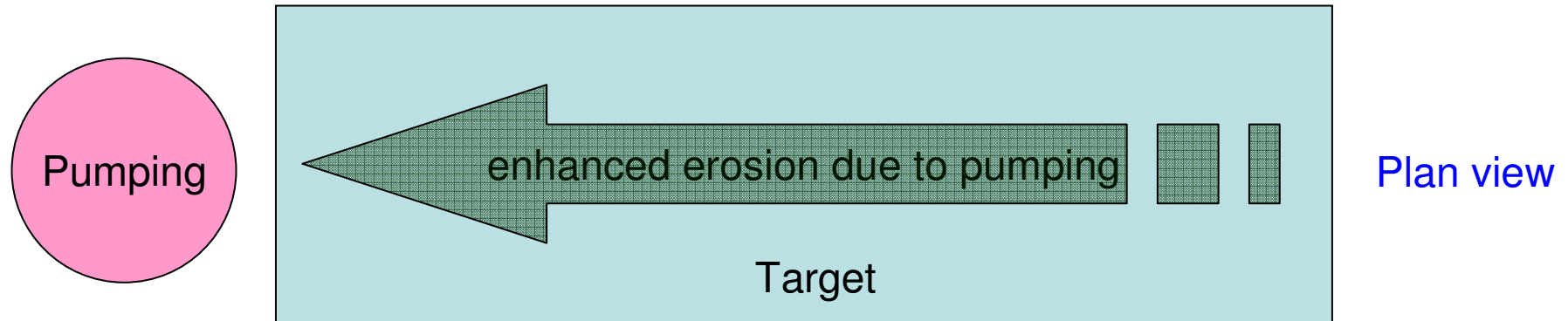


Plan view

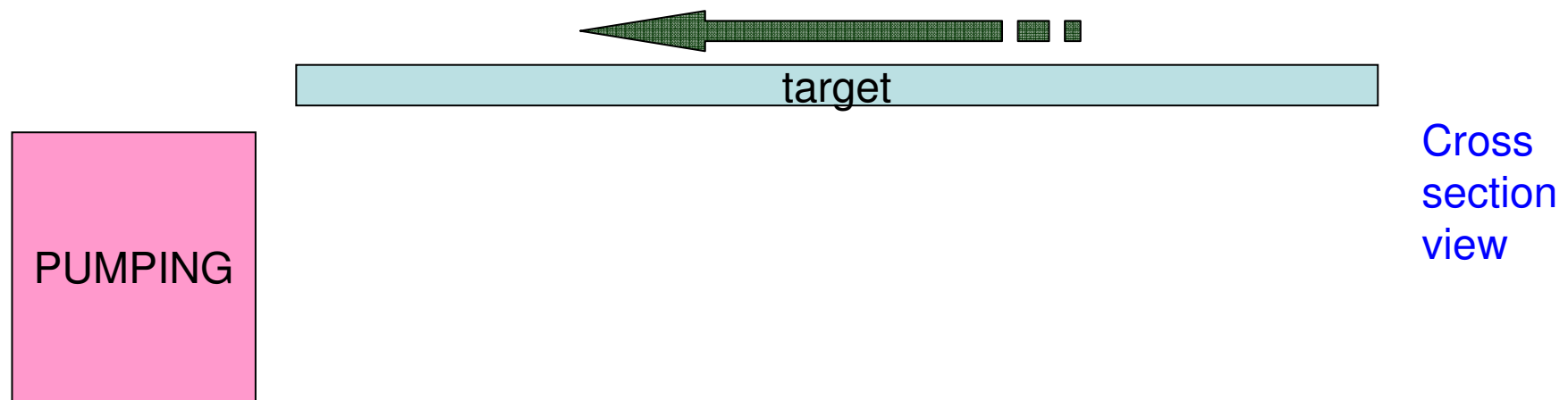
-  = ExB drift; electron circulation drift caused by the presence of electric and magnetic field.
-  = enhanced erosion due to transition (electron deceleration) from turn-round to linear section during ExB drift.

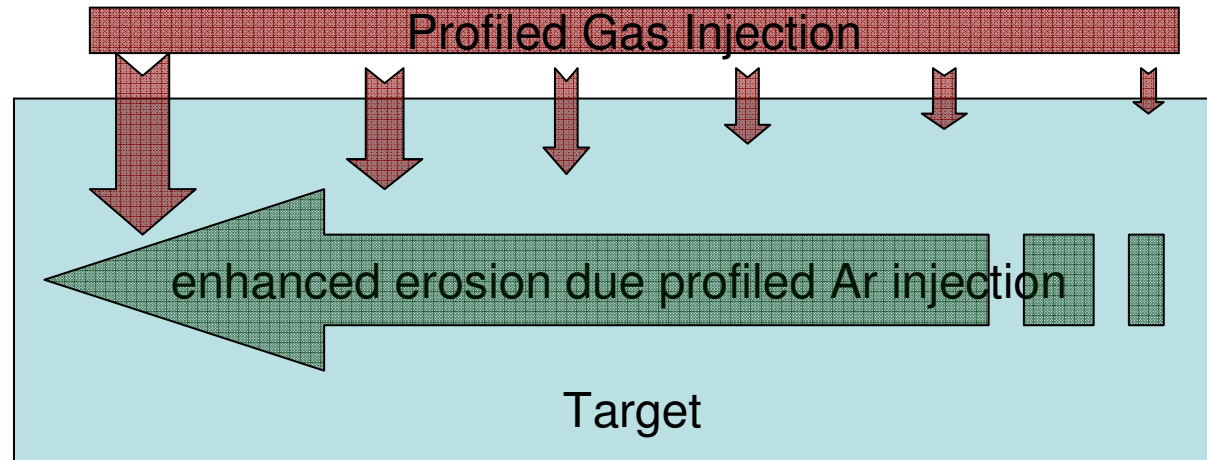


Plasma density could vary along the length due to interaction with anode or substrate (ANODIC EFFECT). Also components such as rollers/mechanisms could have some influence either by magnetic interaction or electric interaction



Higher effective pumping area cause increase of erosion due to higher mean free path for the impacting ions, hence the average sputtering energy is higher





Plan view

A profiled inert gas (Ar) injection would create a profiled erosion. The higher the local Ar injection the higher the erosion generated on that region.