

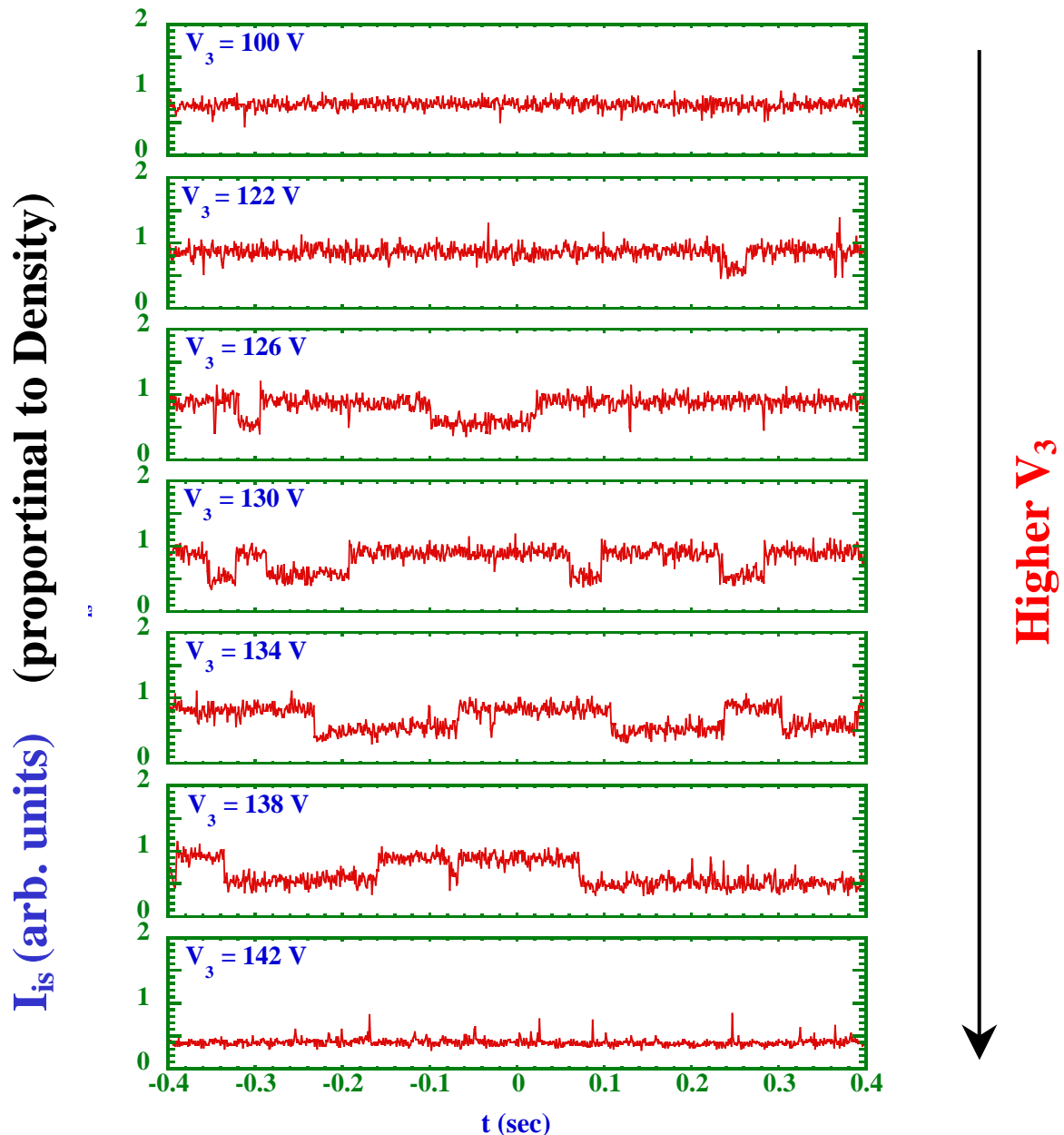
# [ Control of Bistable System ]

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## - Transition Phenomena by Voltage Biasing -

Global Structure Change: Density, Potential ..

Hysteresis: Average Density, Staying Time & Probability ..



**Time Evolution of Ion Saturation Current  $I_{is}$ ,  
Changing Bias Voltage  $V_3$**

(One Electrode from Ten Concentric, Segmented Rings)

( $P=3.2$ mTorr,  $B=500$ G,  $r=-10$ cm,  $P_{in}=160$ W)