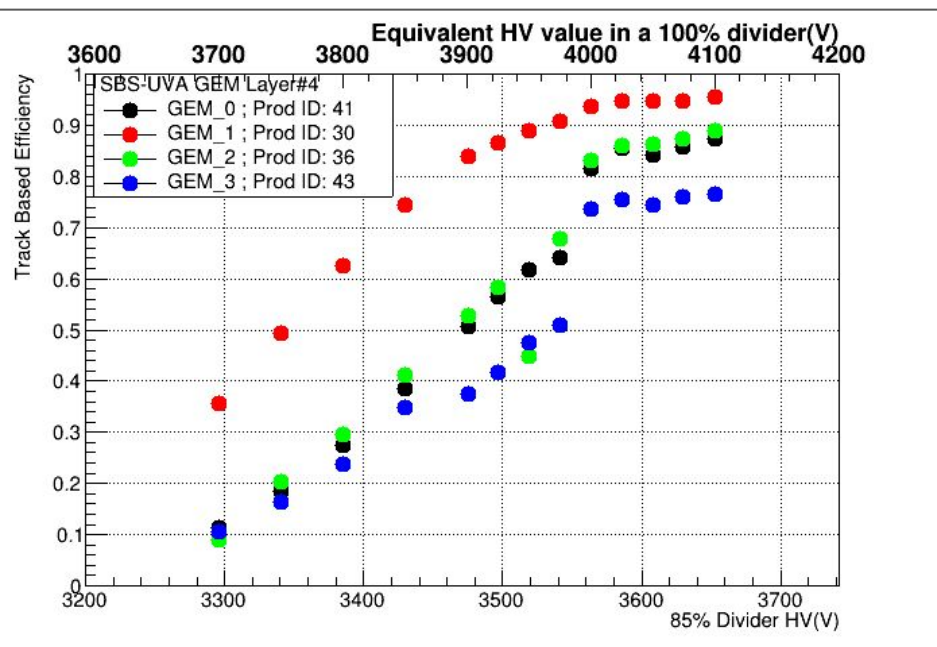


# UVA SBS Layer #4 HV Scan Results

- All four modules have the 85% divider modification
- In the following plots, the bottom x - axis refers to the actual applied voltage on the divider and the top x-axis refers to the equivalent HV which would be the same HV applied on a 100% divider to get the same current through the divider
- Scan was carried out from 3296 V (3700 V equivalent) to 3697 V (4150 V equivalent)
- GEM\_1 reached the efficiency plateau and is above 95% efficient by 3653 V (4100 V equivalent)
- GEM\_0, GEM\_2, and GEM\_3 are also about 90% efficient by 3653 V

# Layer 4 HV Scans

First One



Second One

