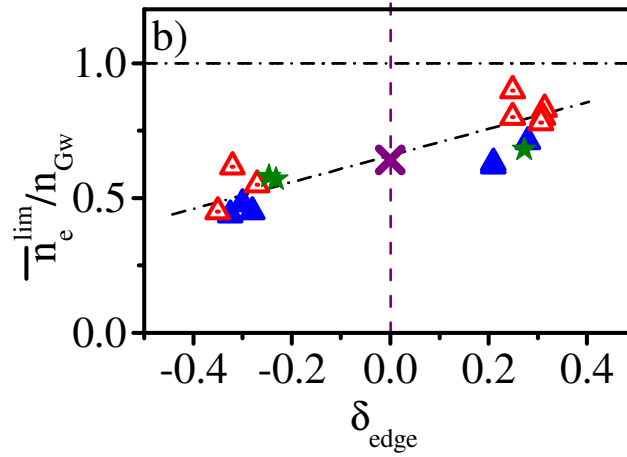
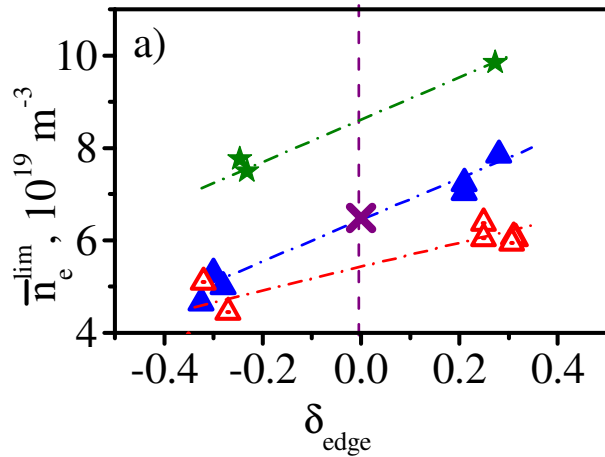
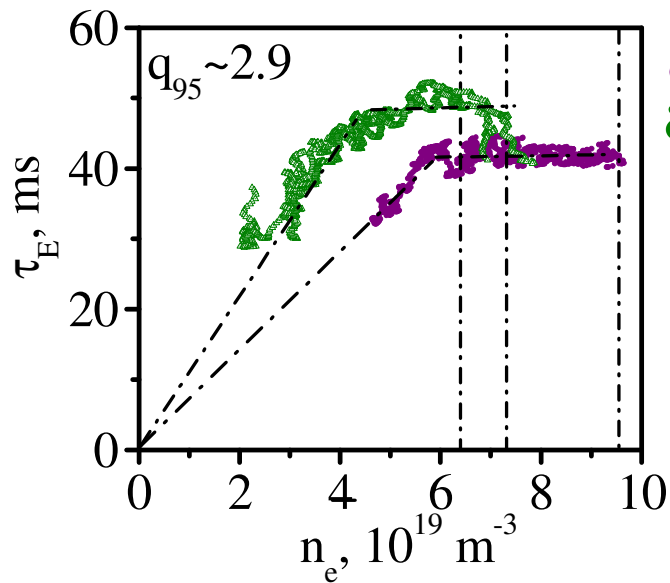


High Density Regime in Ohmic TCV Discharges with Positive and Negative Triangularity

\triangle $q_{95}=4.9-5.5$ \blacktriangle $q_{95}=3.6-4.1$ \star $q_{95}=2.8-3.1$ \times $q_{95}=3.2$



Limit density value was found to depend on the plasma triangularity



$\delta > 0$
 $\delta < 0$

- In regime with low q_{95} value energy confinement time is noticeably higher at $\delta < 0$ in a whole density range. This agrees with earlier TCV results and extends them to higher density values
- In regime with higher q_{95} ($q_{95} \sim 5.3$) confinement is comparable to the regime with $\delta > 0$