

## Summary Poster PDP – 13 Statistical description of turbulent transport for flux driven toroidal plasmas by Anderson et al.

1. Goal: Investigate the statistical properties of intermittent transport in turbulent plasmas.
2. The PDF tails are found to be qualitatively and quantitatively different from Gaussian distributions.
3. Motivation: There is theoretical and experimental evidence that for understanding transport (involving many scales and amplitudes) a probabilistic description is needed.
4. We will compare data from numerical simulations and with predicted PDFs.

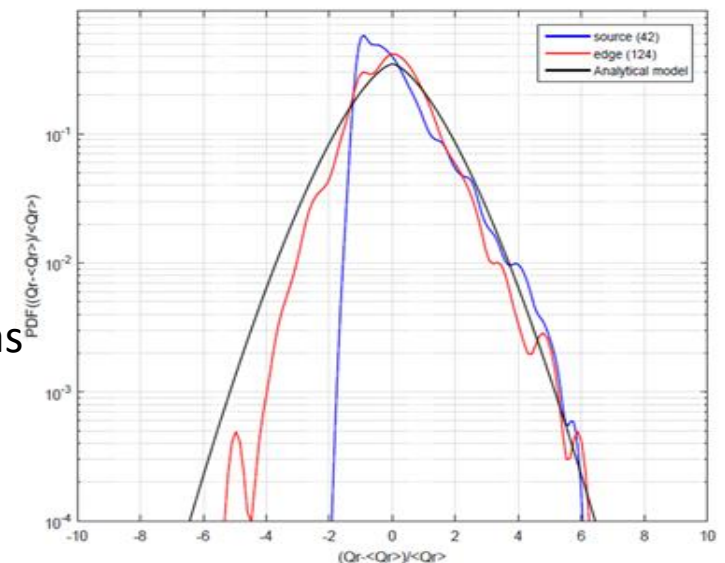
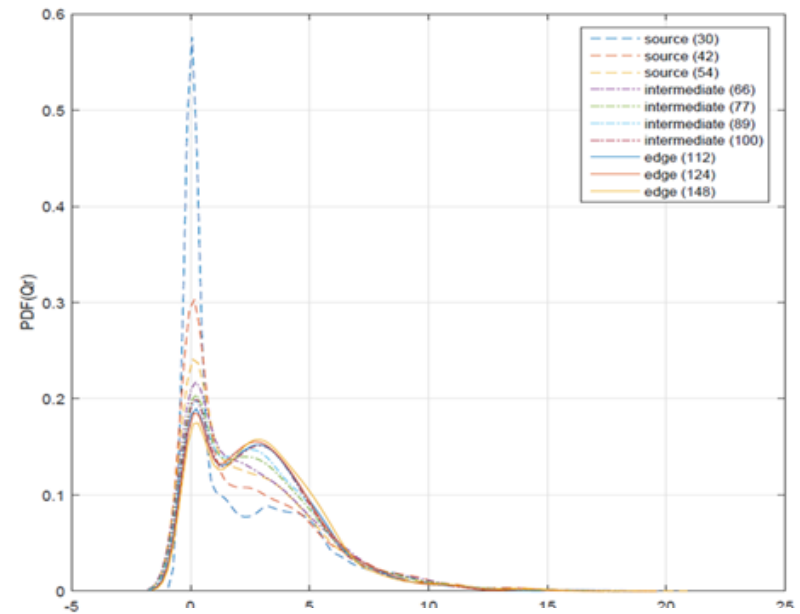


Figure top: PDFs from GK simulations at different radial Positions.

Figure lower: PDF tails matched to the analytical formulas