

Integrated Data Analysis of the DIII-D Density Profile

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Abstract

1 Introduction

Introstuff [1]

2 Integrated Data Analysis

stuff

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stuff

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stuff

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stuff

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stuff

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stuff

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3.3 Reflectometry

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3.4 Thomson scattering

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3.5 Beam emission spectroscopy

stuff

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4.1.1 Parameter space priors

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stuff

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stuff

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stuff

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stuff

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stuff

5 Total posterior probability

stuff

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stuff

7 Density profile reconstructions

stuff

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stuff otherstuff

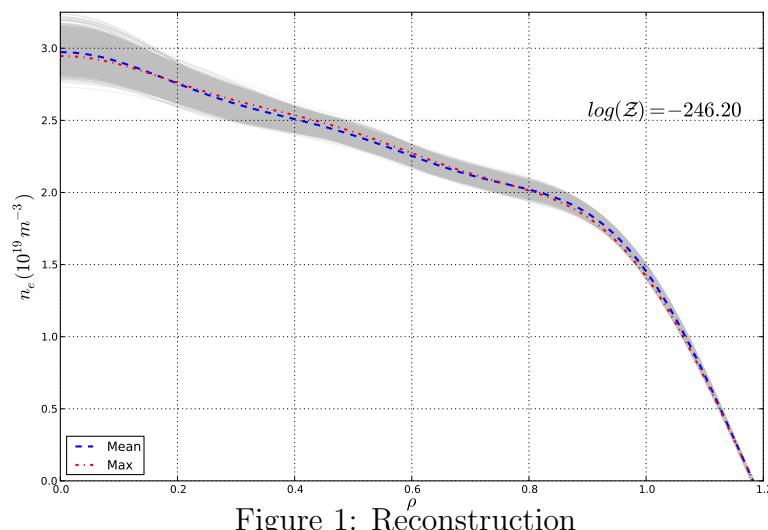


Figure 1: Reconstruction

7.2 L-mode reconstruction

stuff

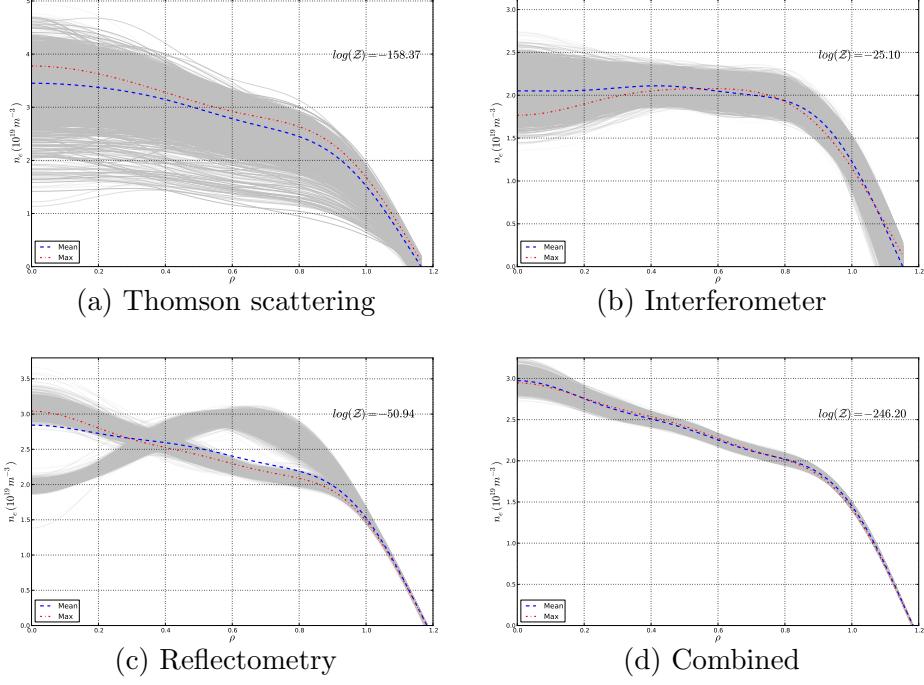


Figure 2: The l-o-n-g caption for all the subfigures (FirstFigure through FourthFigure) goes here.

8 Determining discrepant diagnostics

9 Conclusions and future work

stuff

References

- [1] Devinderjit Sivia and John Skilling. *Data analysis: a Bayesian tutorial*. Oxford University Press, USA, 2006.