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XP529: The Dependence of Pedestal Structure on Aspect Ratio

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NSTX Physics Meeting

Aug. 29, 2005

Princeton, NJ



Summary of XP 529



- Desired: DIII-D and MAST shapes for two different pedestal electron collisionality (0.5, 1)
- Result: Obtained a reasonable shape match to the DIII-D shape at the higher collisionality range
- Could not obtain the lower collisionality - the shape was obtained too late in the discharge
- Did not get to matching the MAST shape
- To finish experiment, we would start with shapes obtained during XP505 and make minor modifications to get the shape by ~ 200 ms, allowing the lower collisionality match

Results

