Recent work by Hutchinson [1] has suggested the inclusion of a direction in the vicinity of the separatrix. This may be connected to recent theoretical work by Hutchinson [1] which suggests the inclusion of an perpendicular flow component at a variety of poloidal locations.

The possibility that these anent flows are consistent with the idea of a ballooning-like transport asymmetry. This can cause the perpendicular flow to show a strong feature in the electron diamagnetic direction near the separatrix. The perpendicular flow shows a strong feature in the electron diamagnetic direction near the separatrix.

Three new scanning Gundestrup probes have been operating on Alcator C-Mod and perpendicular flow components at a variety of poloidal locations. The perpendicular flow shows a strong feature in the electron diamagnetic direction near the separatrix. This may be connected to recent theoretical work by Hutchinson [1] which suggests the inclusion of an perpendicular flow component at a variety of poloidal locations.

The probe position is calculated from the four electrode arrangement to optimize sensitivity and spatial resolution. The probe position is calculated from the four electrode arrangement to optimize sensitivity and spatial resolution. The probe position is calculated from the four electrode arrangement to optimize sensitivity and spatial resolution.

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Gundestrup shows larger flow vectors inside the SOL than other diagnostics. Gundestrup shows larger flow vectors inside the SOL than other diagnostics. The Gundestrup calculation is over-constrained: the four electrodes produce four equations in three unknowns (the diamagnetic direction near the separatrix).

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Parallel/Perpendicular Plasma Flow Field Models

Parallel Flows: The Transport Drive

Theoretical prediction of Gundestrup scalars for shot 1070627 run day, horizontal scanning probe. Theoretical prediction of Gundestrup scalars for shot 1070627 run day, horizontal scanning probe. Theoretical prediction of Gundestrup scalars for shot 1070627 run day, horizontal scanning probe. Theoretical prediction of Gundestrup scalars for shot 1070627 run day, horizontal scanning probe.