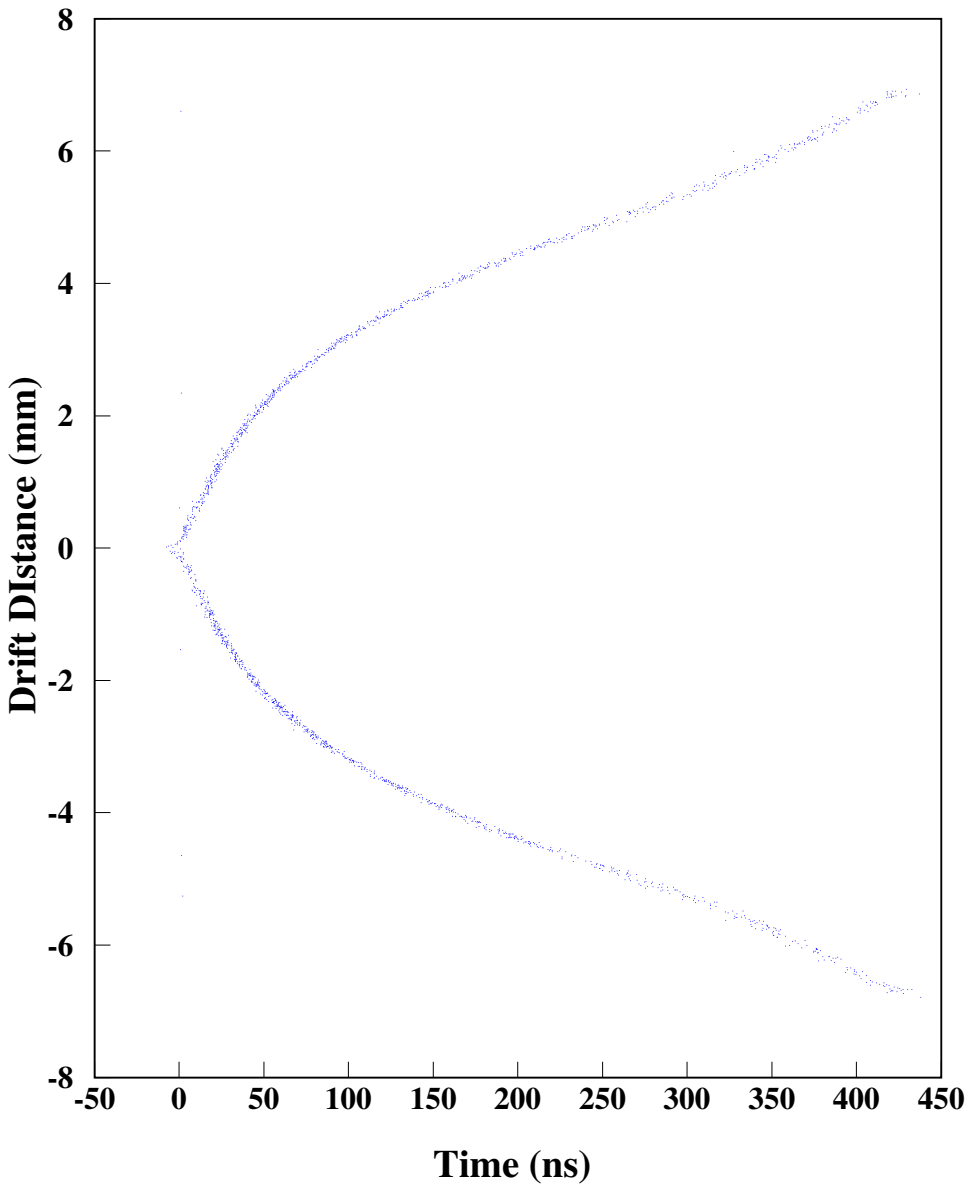50-50 Argon-Ethane Drift Function