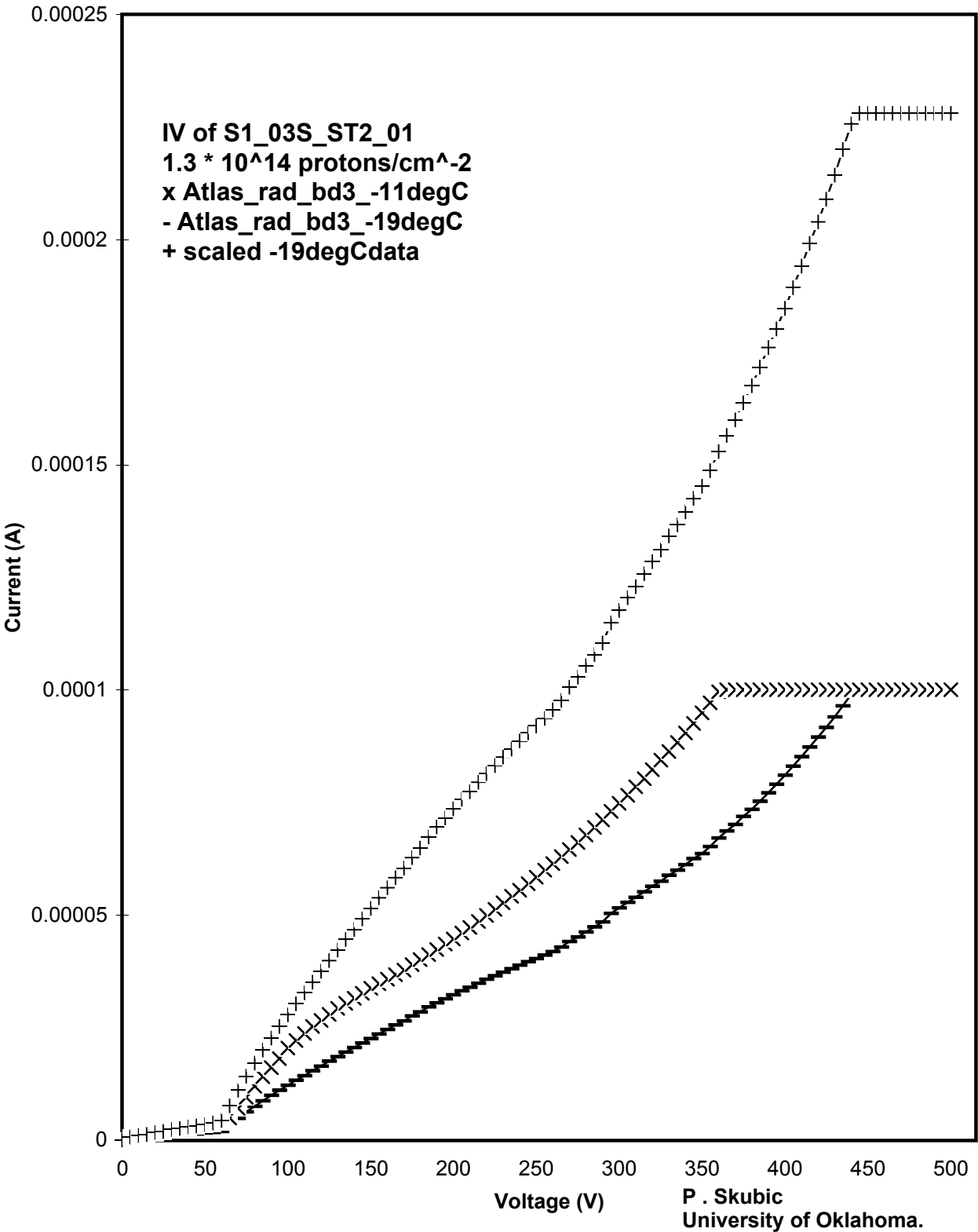leakage current of irradiated p-spray SC