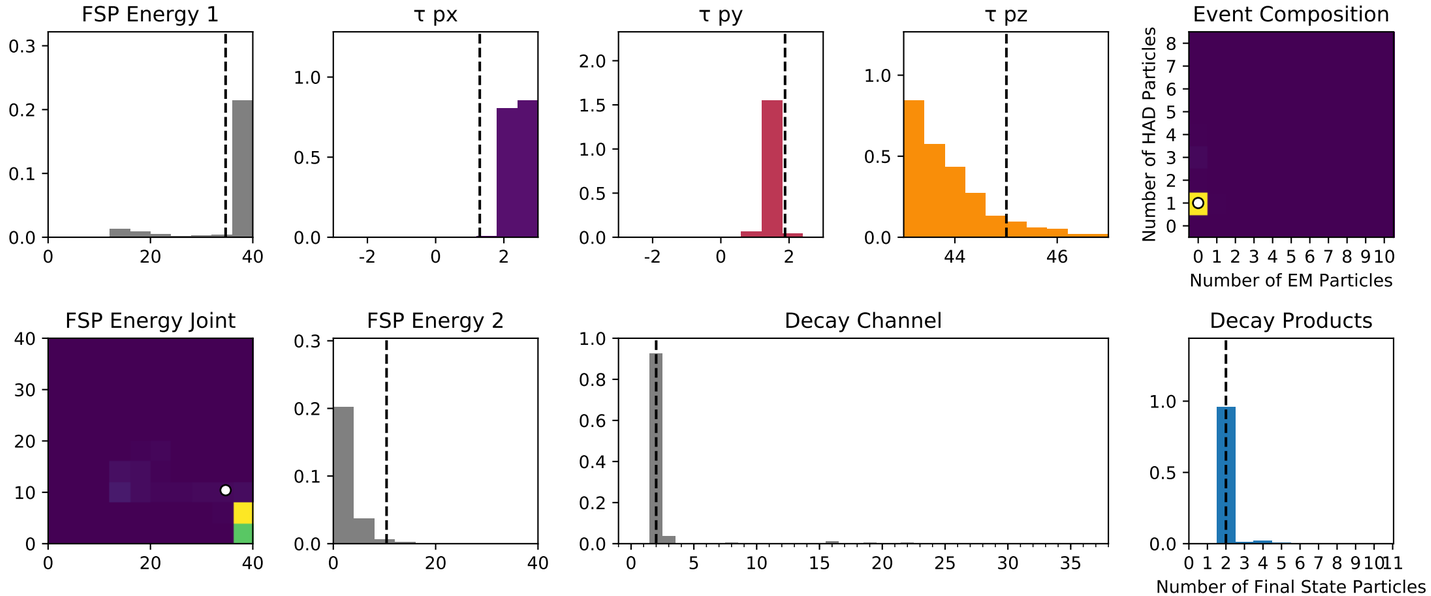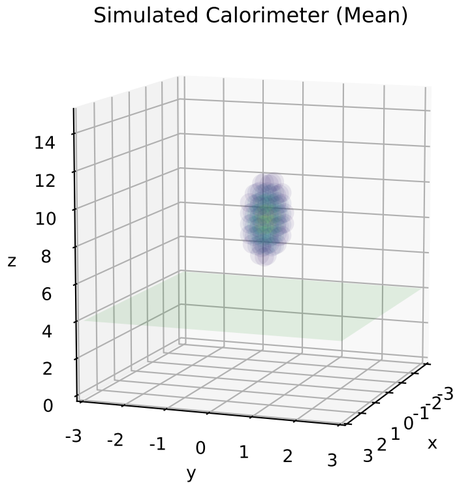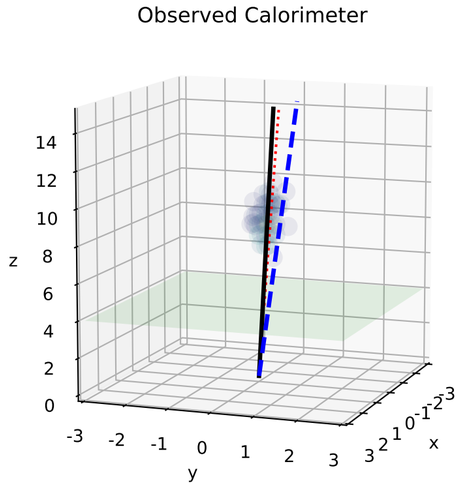Combined empirical, traces: 3,200,000, ESS: 1,309.69