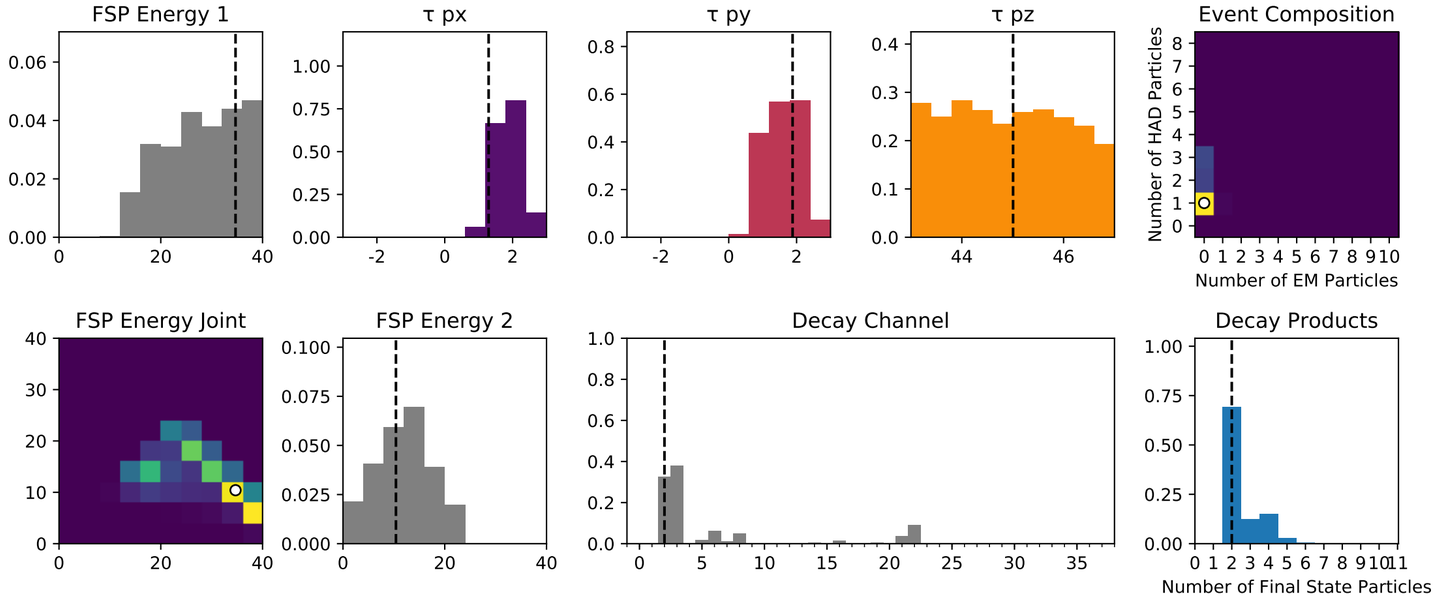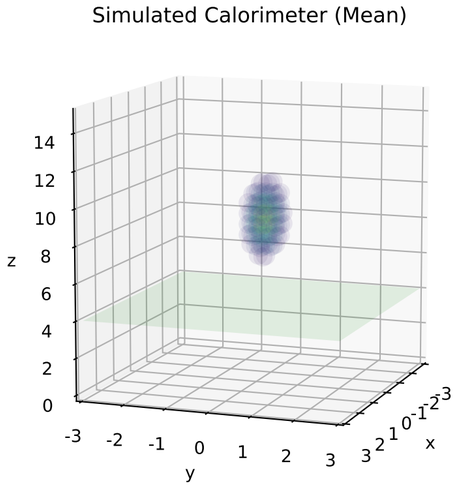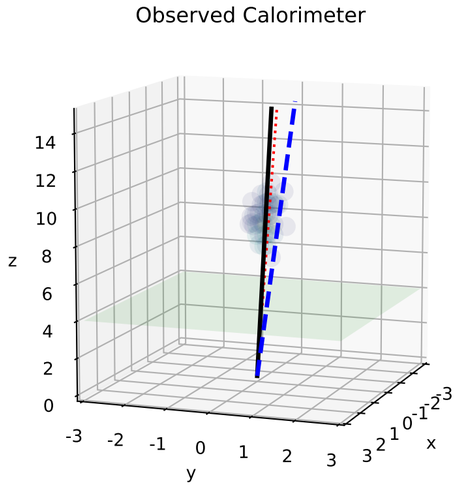Combined empirical, traces: 4,320,000, ESS: 33.34