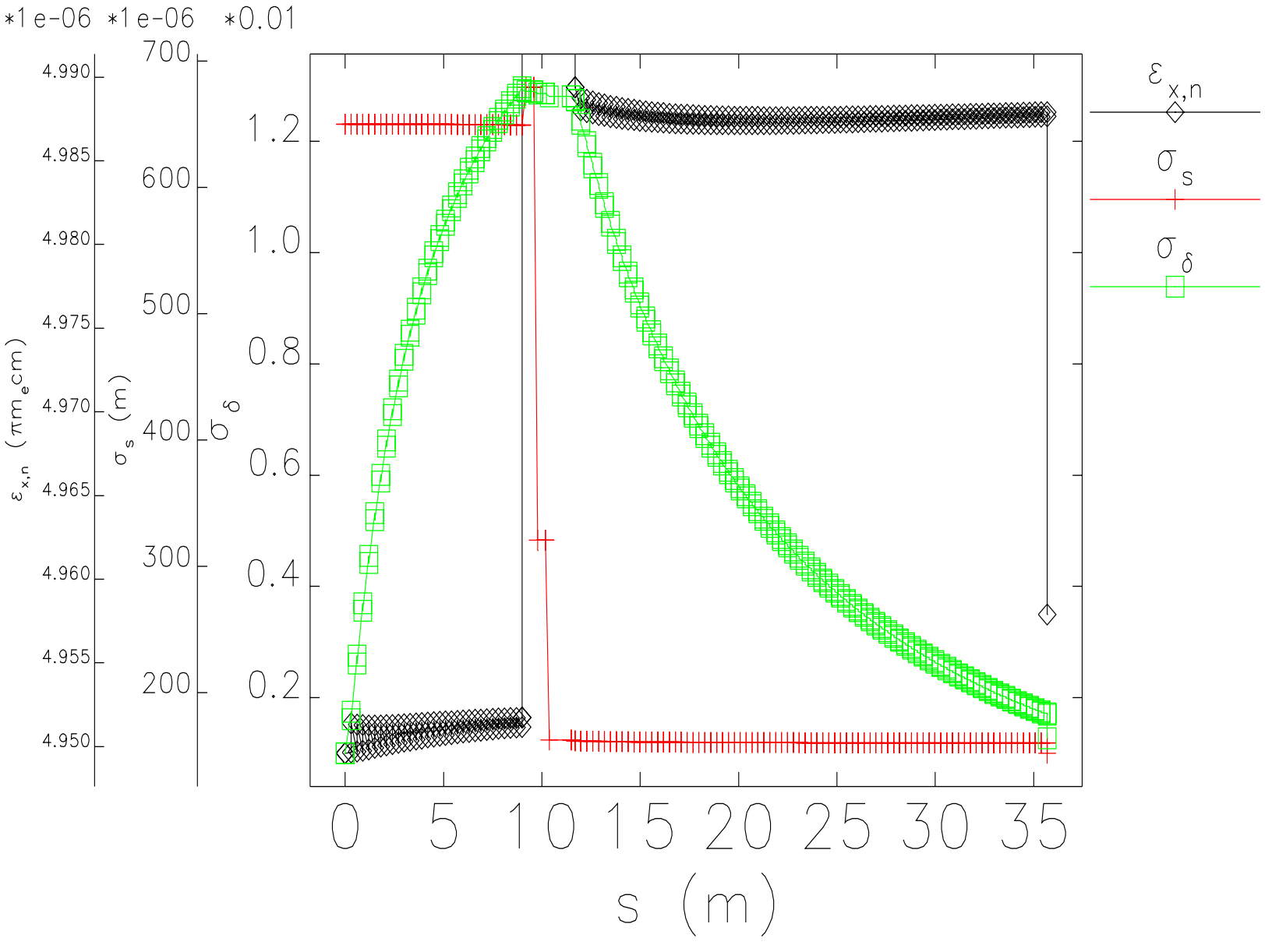

sigma matrix--input: asymmetric.ele lattice: asymmetric.lte