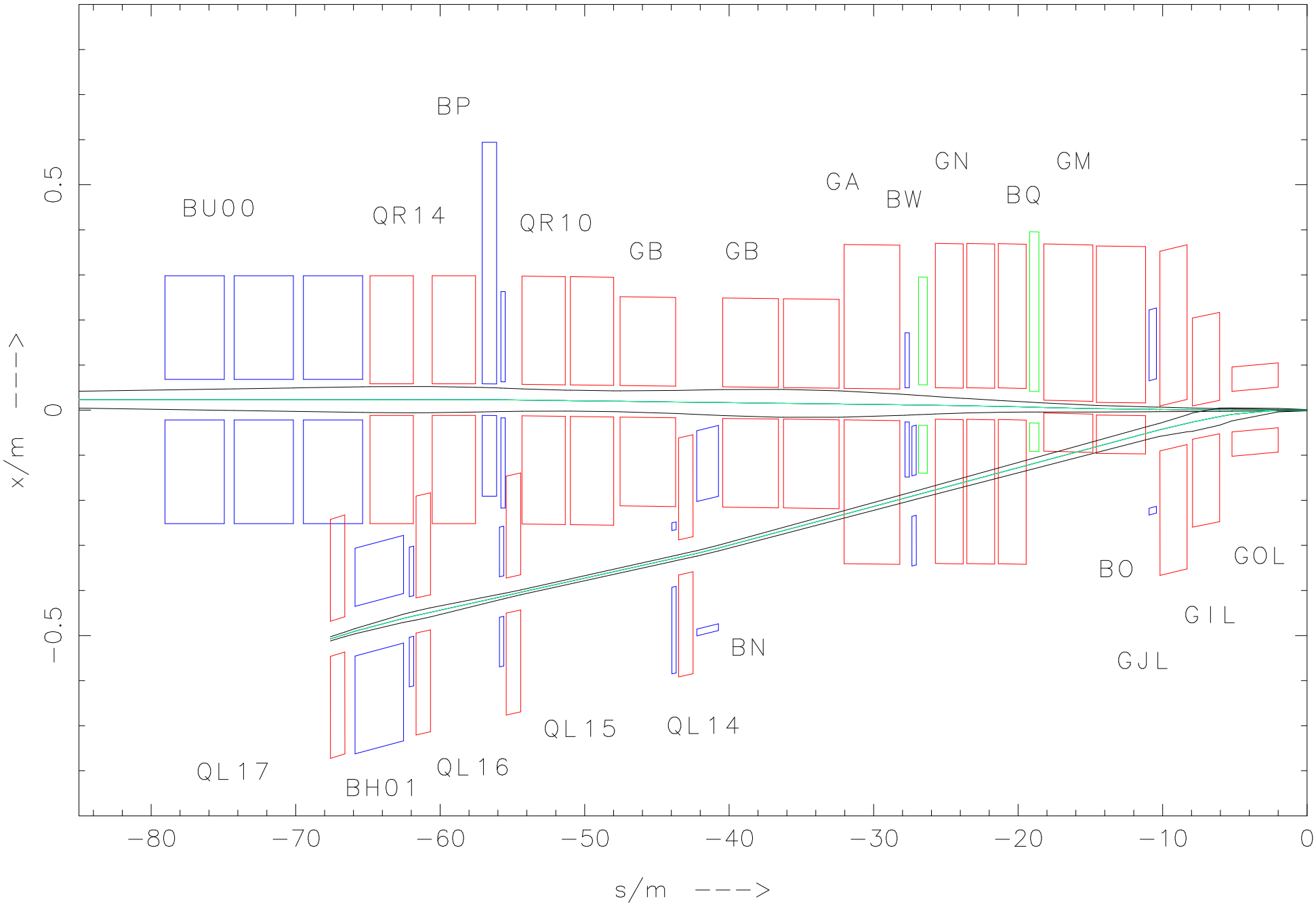HERA: neue Wechselwirkungszone