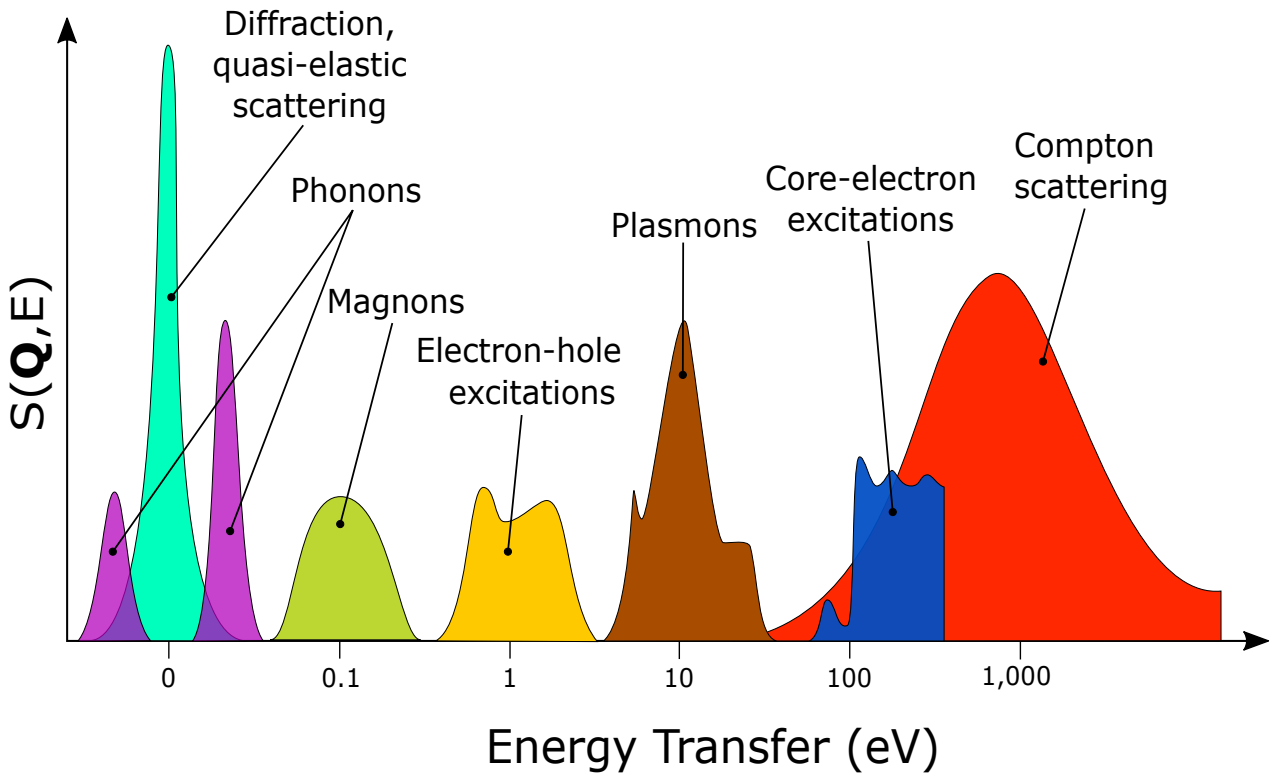
Diffraction,
quasi-elastic
scattering
Phonons
Magnons
Electron-hole
excitations
Plasmons
Core-electron
excitations
Compton
scattering
S(Q,E)
0
0.1
1
10
100
1,000
Energy Transfer (eV)