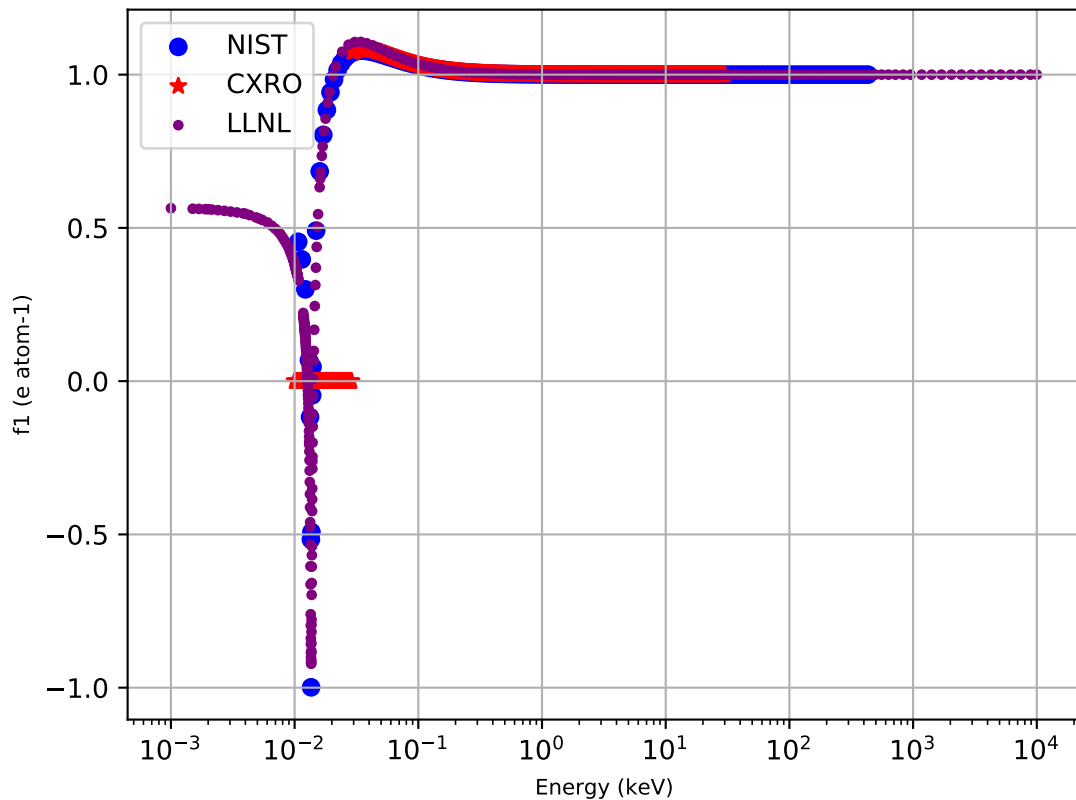
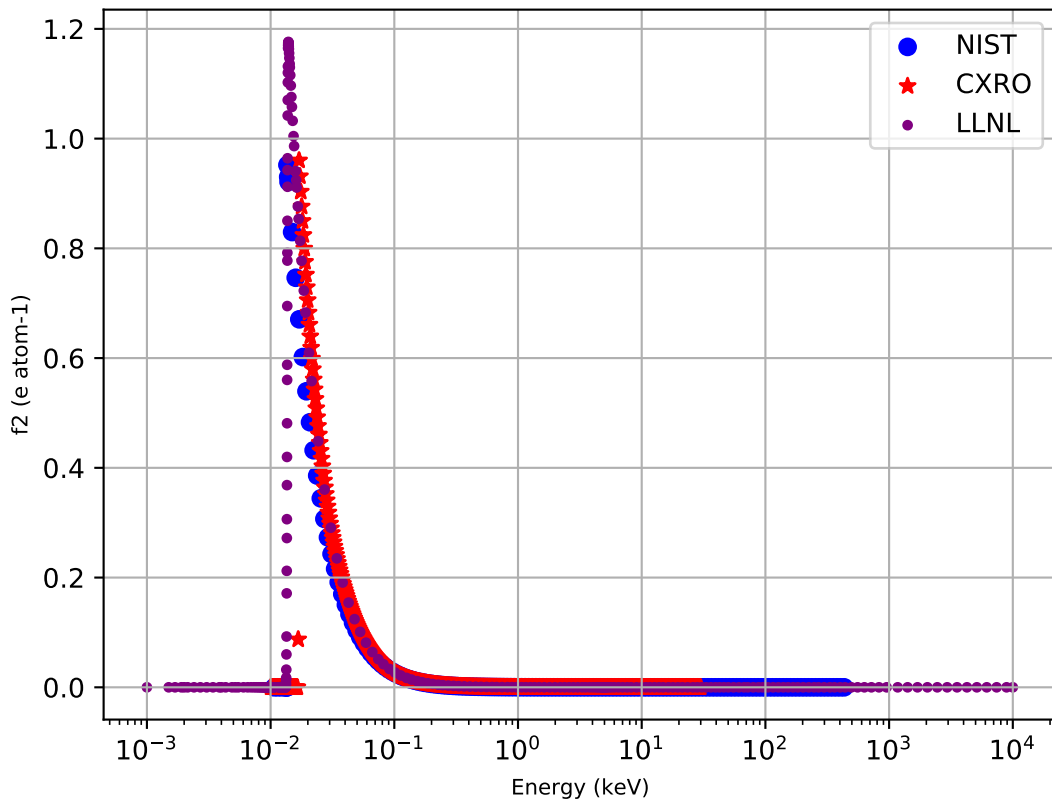


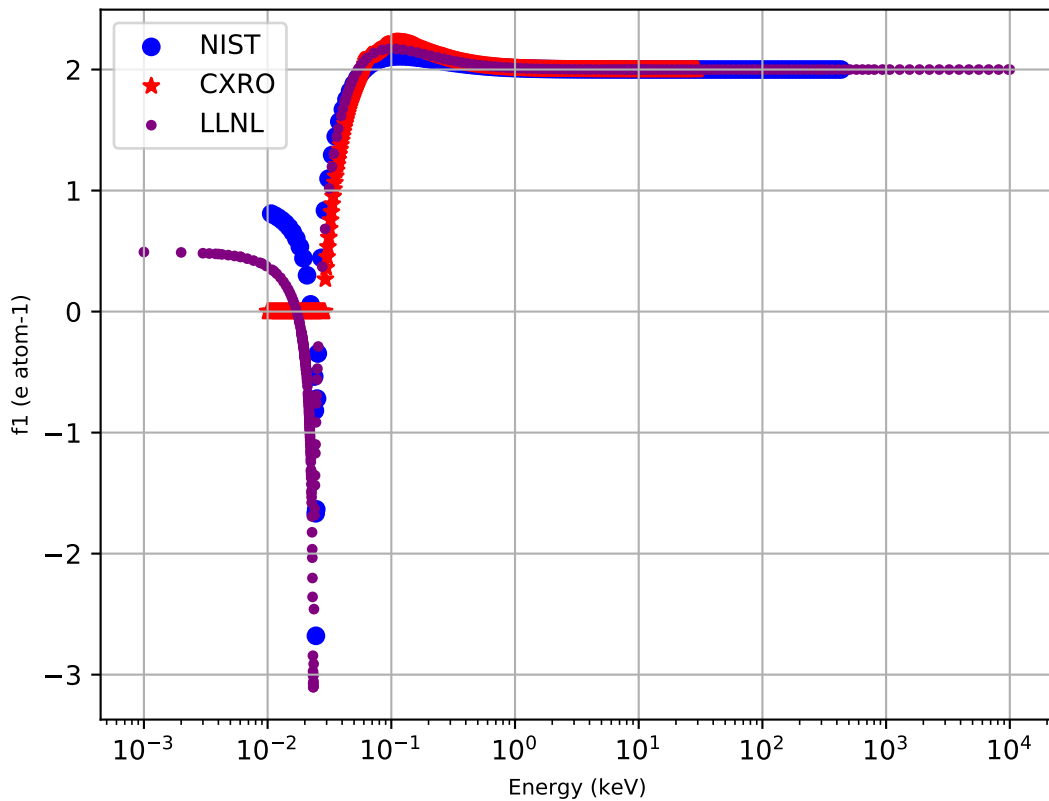
f1 for H, $Z = 1$



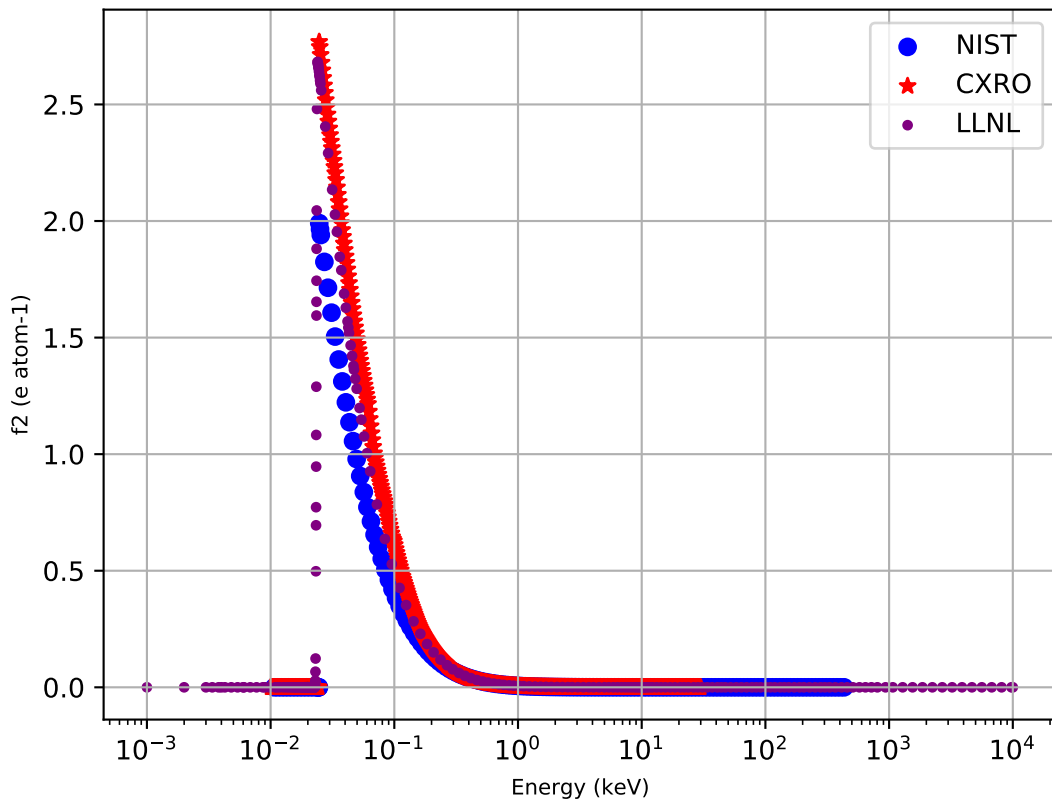
f2 for H, $Z = 1$



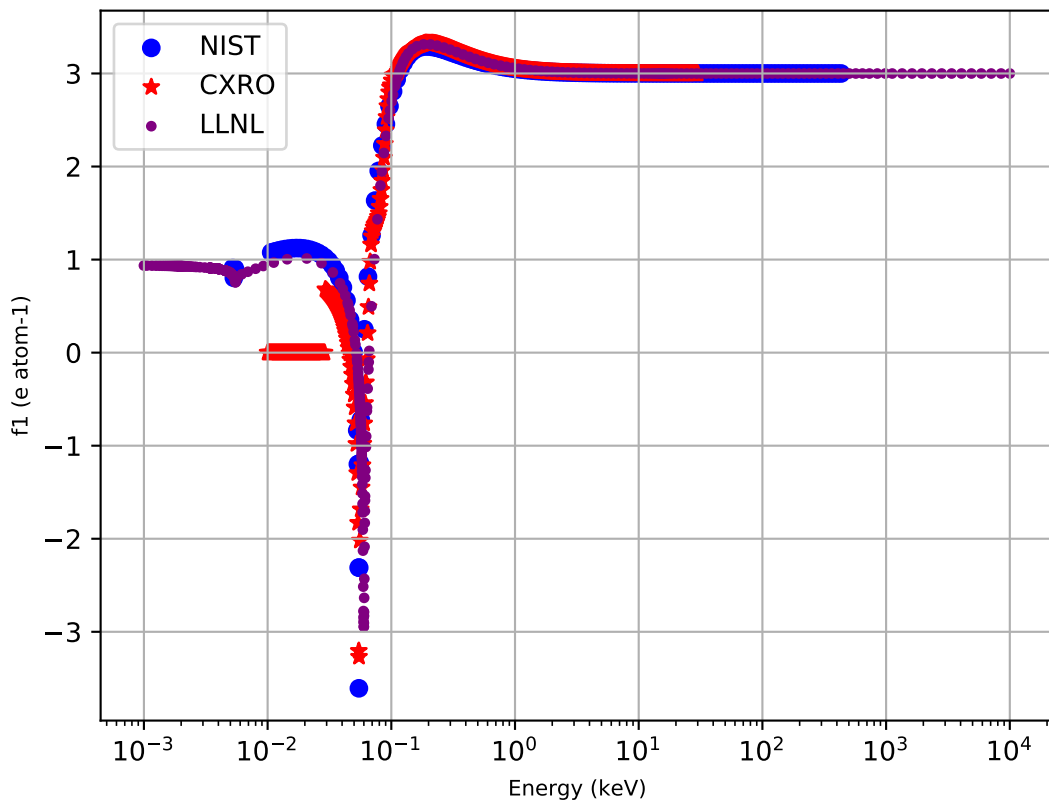
f1 for He, $Z = 2$



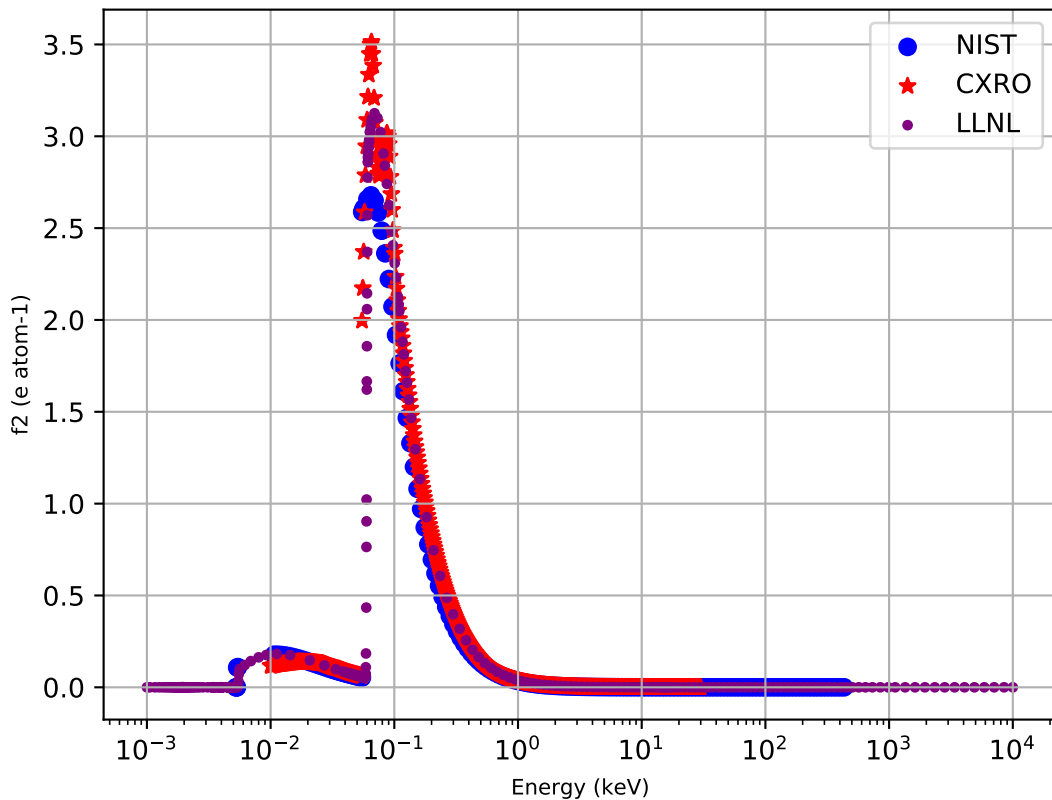
f2 for He, $Z = 2$



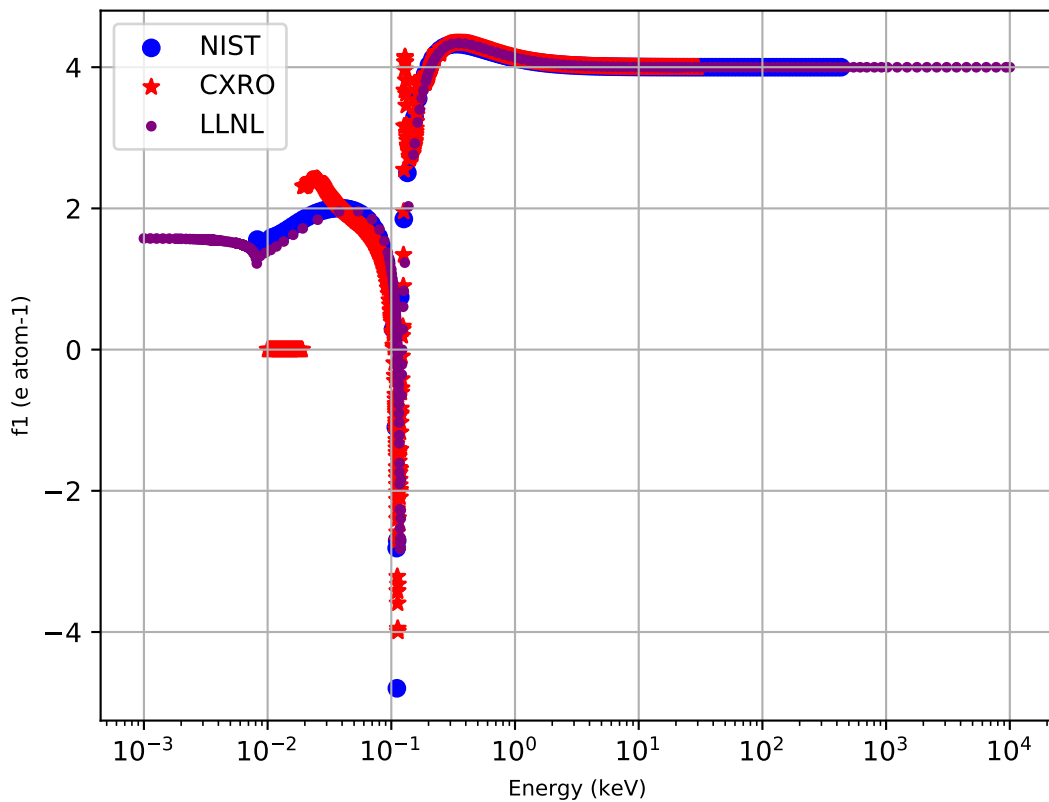
f1 for Li, $Z = 3$



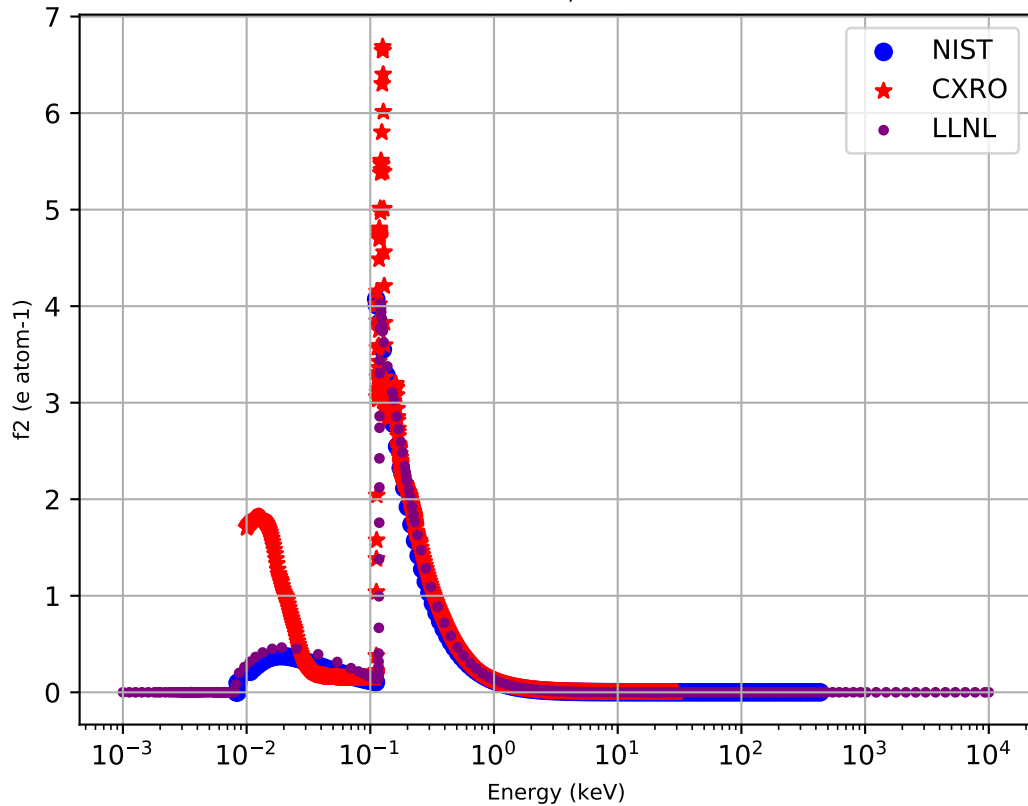
f2 for Li, $Z = 3$



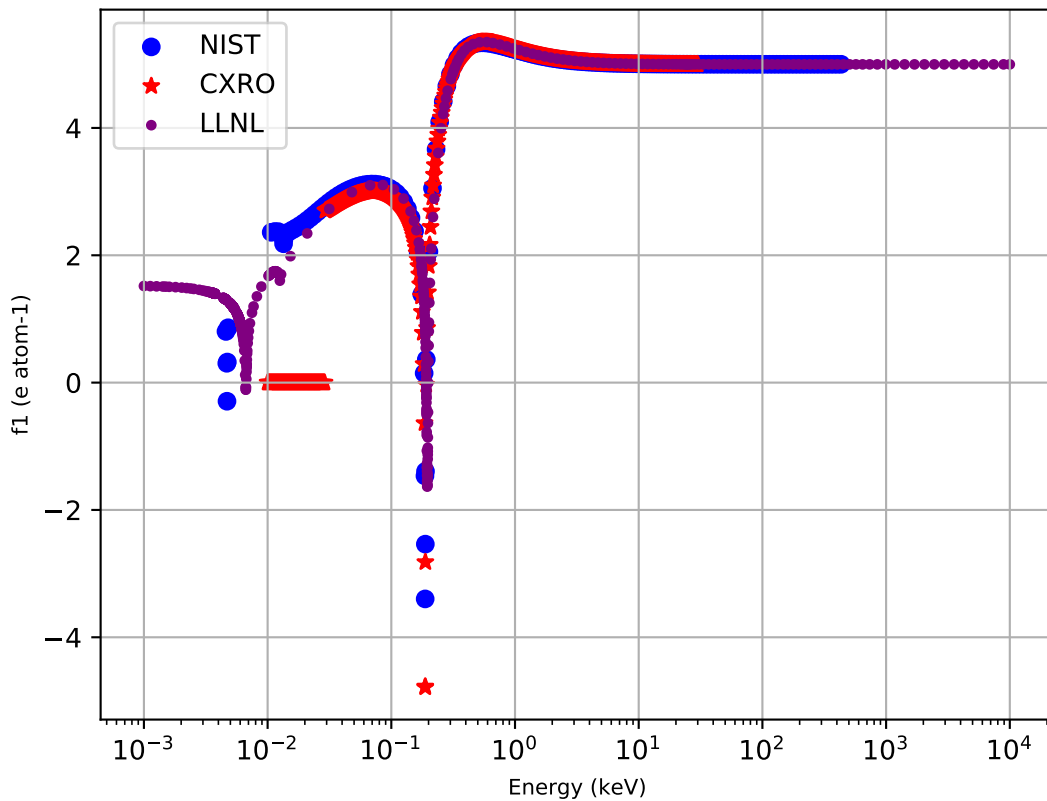
f1 for Be, $Z = 4$



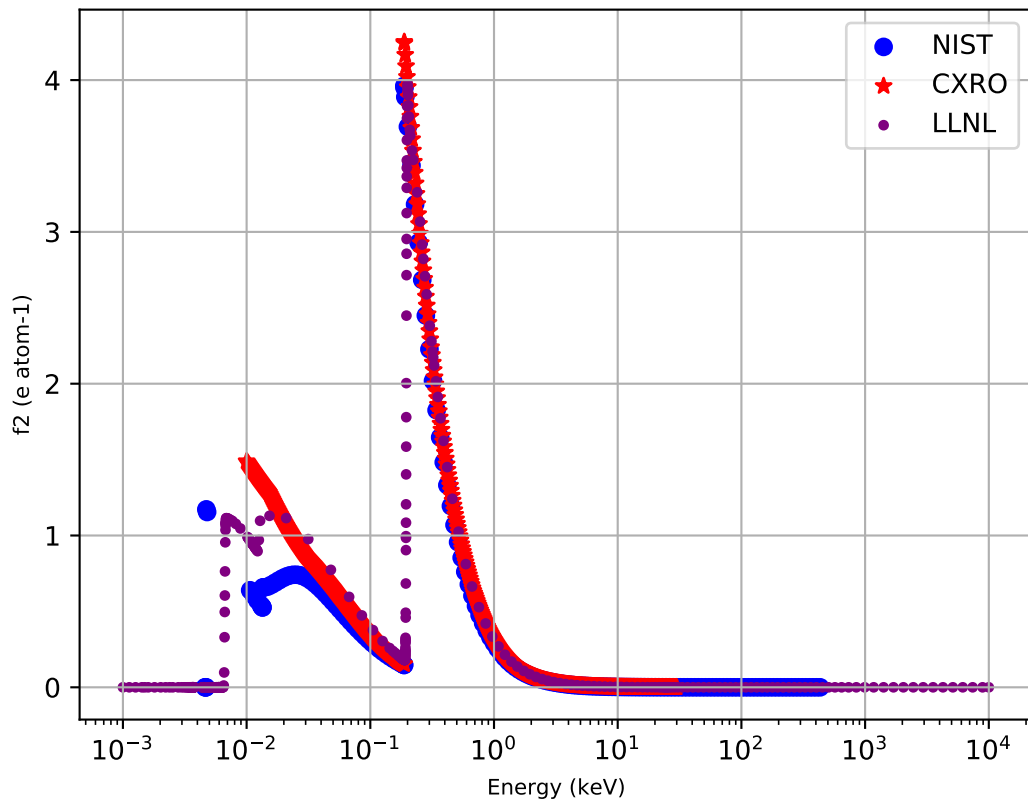
f2 for Be, $Z = 4$



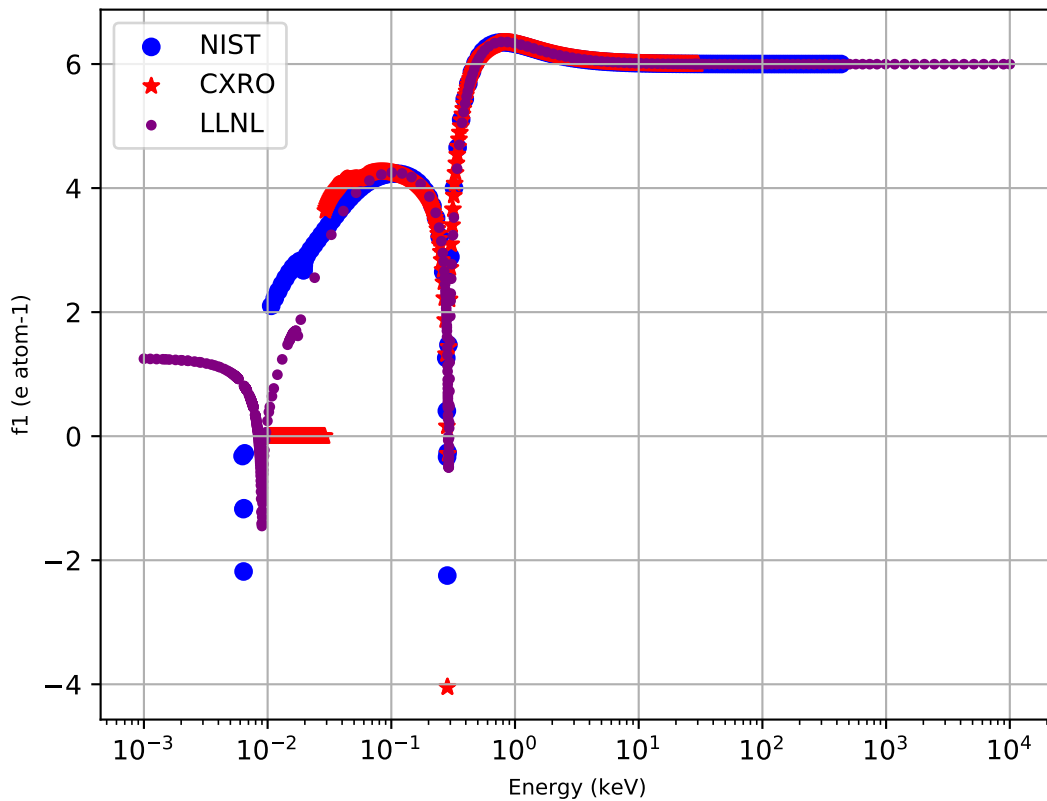
f1 for B, Z = 5



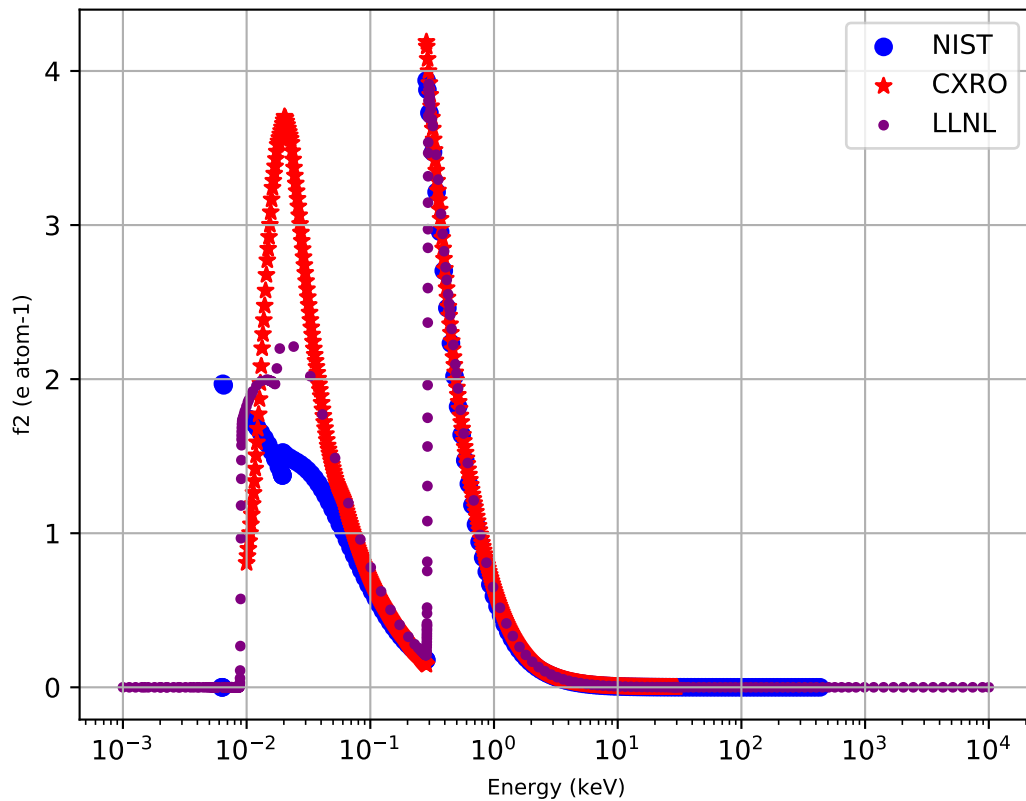
f2 for B, Z = 5



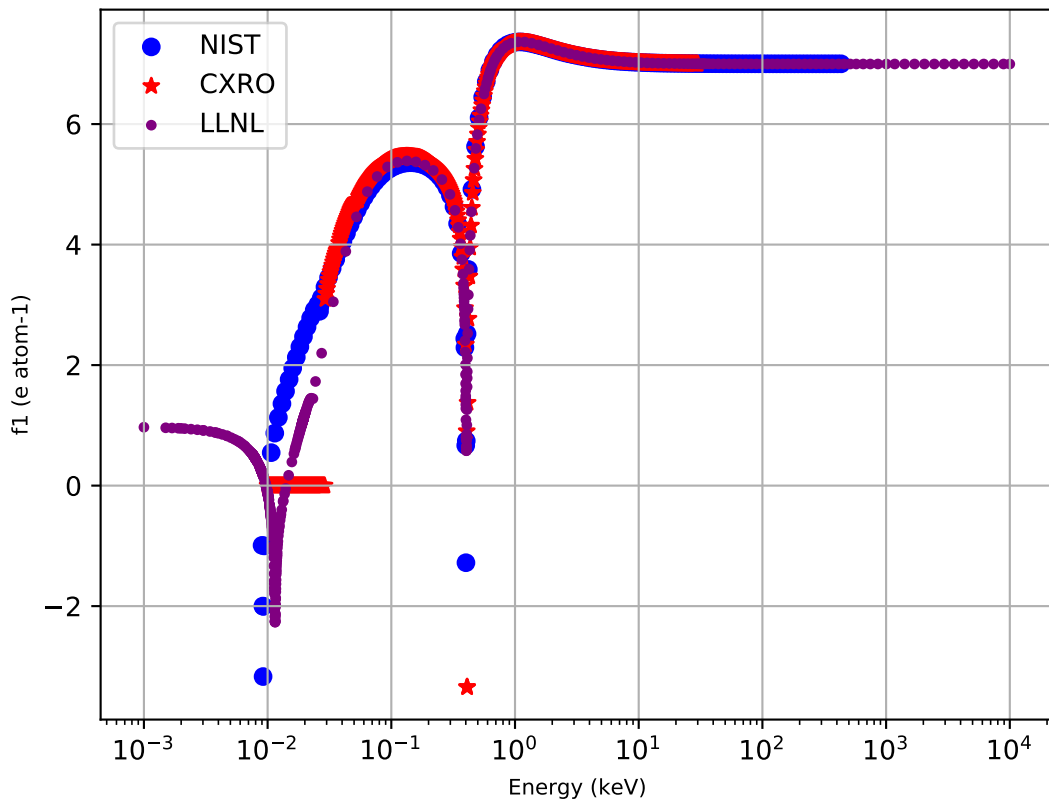
f1 for C, Z = 6



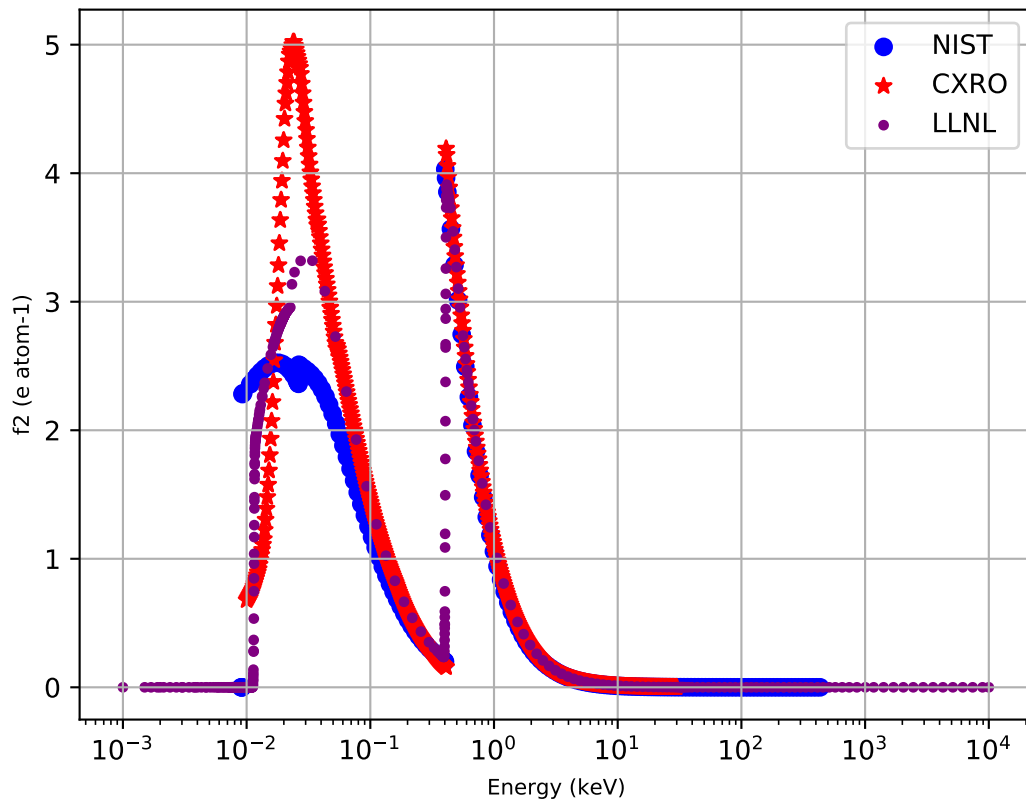
f2 for C, Z = 6



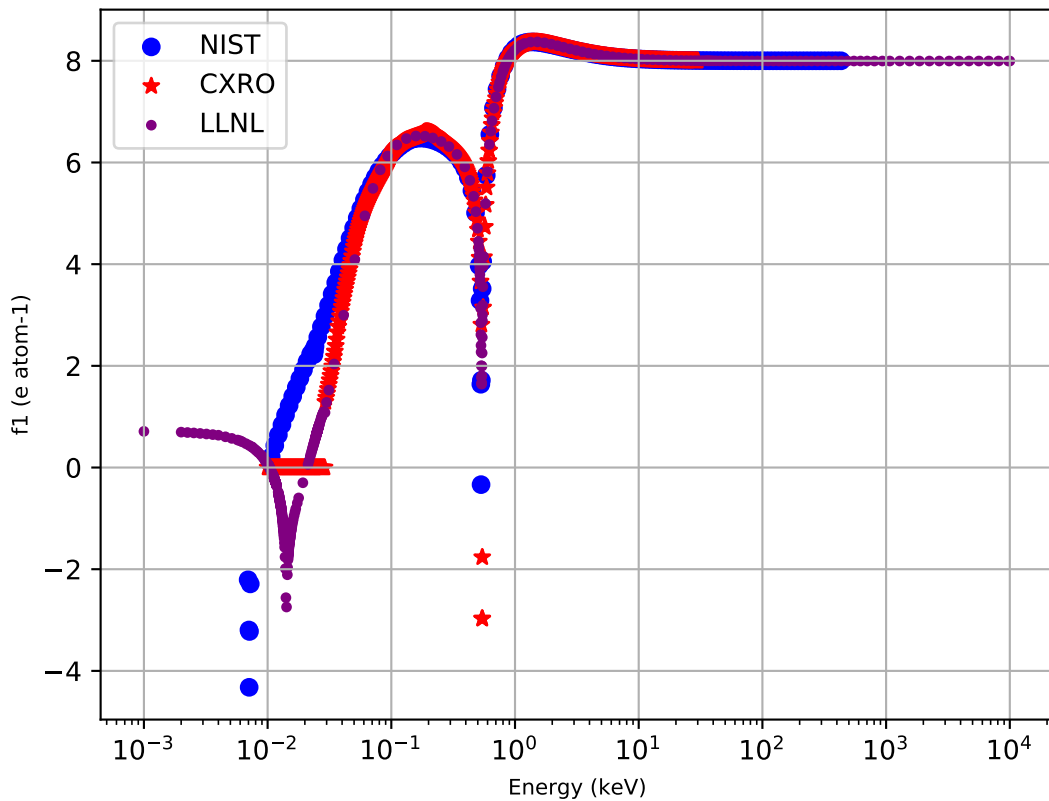
f1 for N, Z = 7



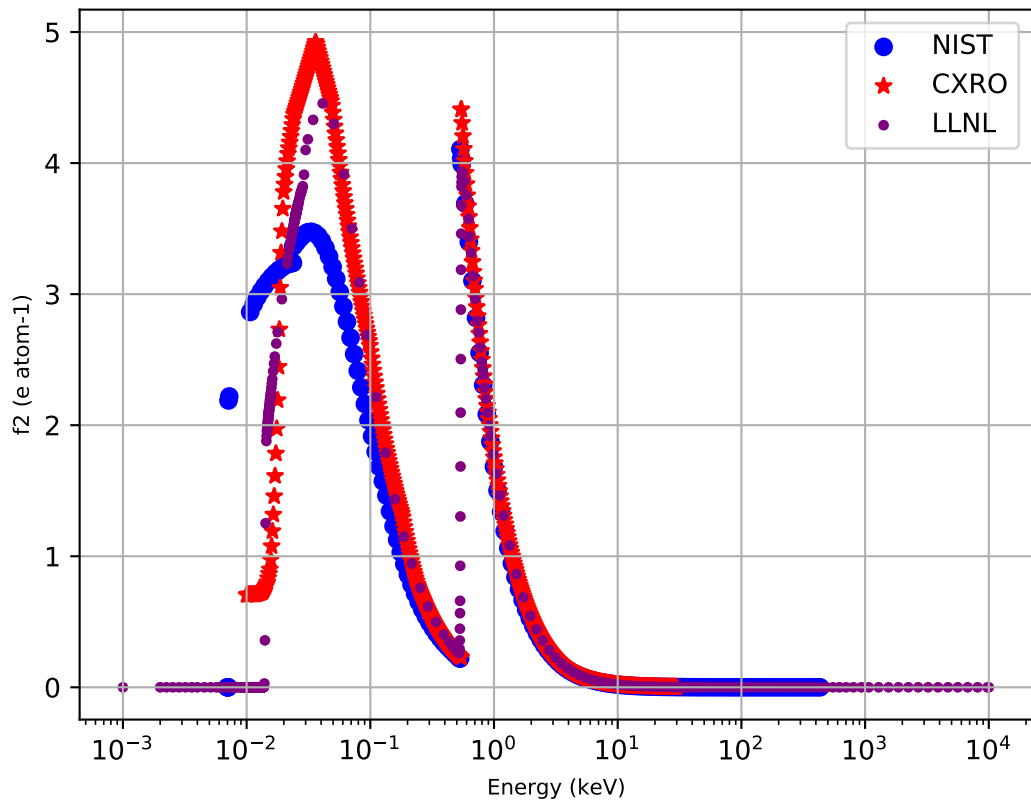
f2 for N, Z = 7



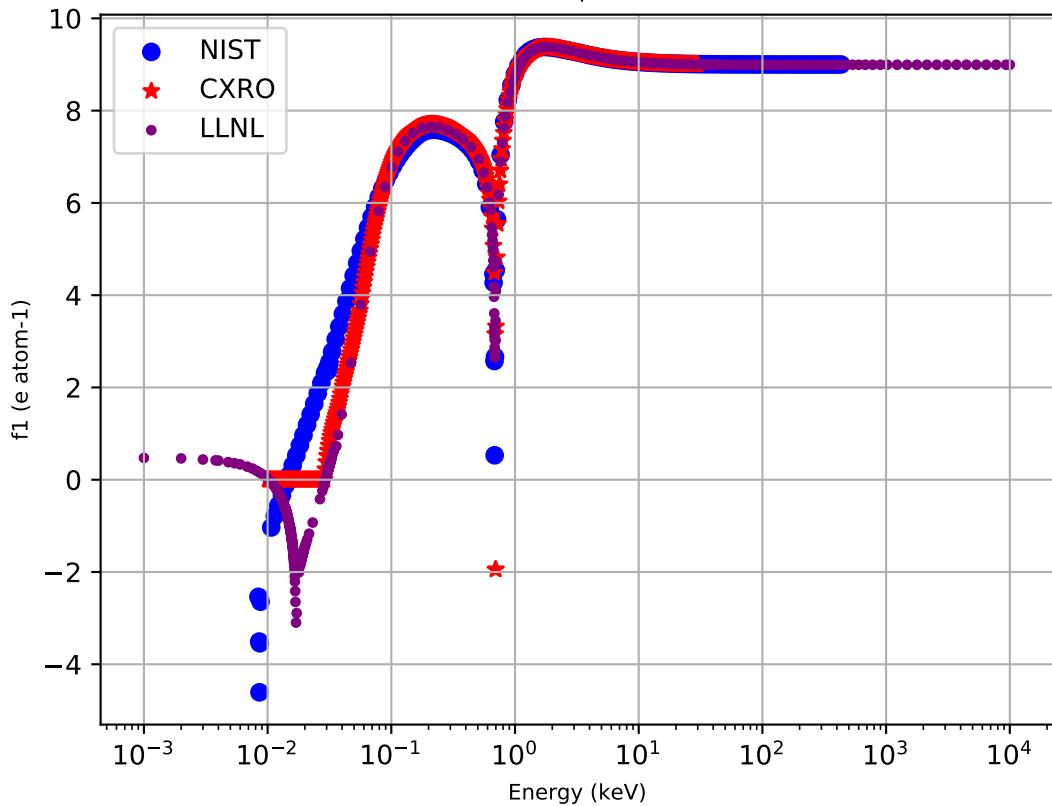
f1 for O, $Z = 8$



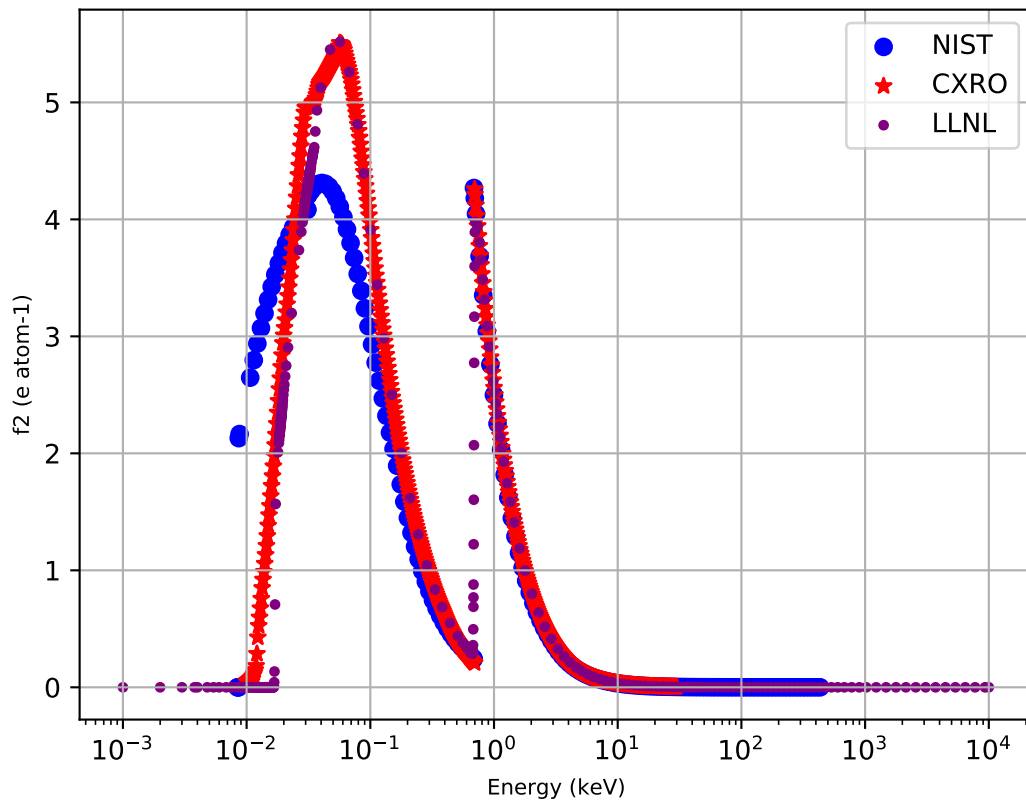
f2 for O, Z = 8



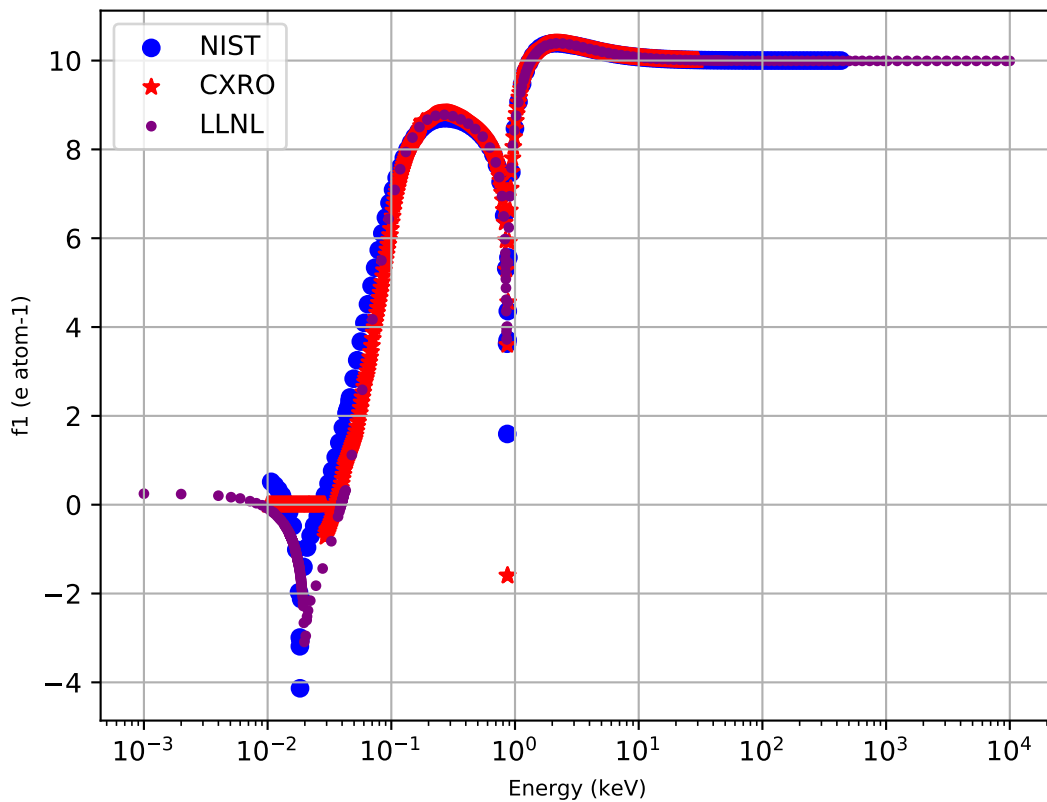
f1 for F, Z = 9



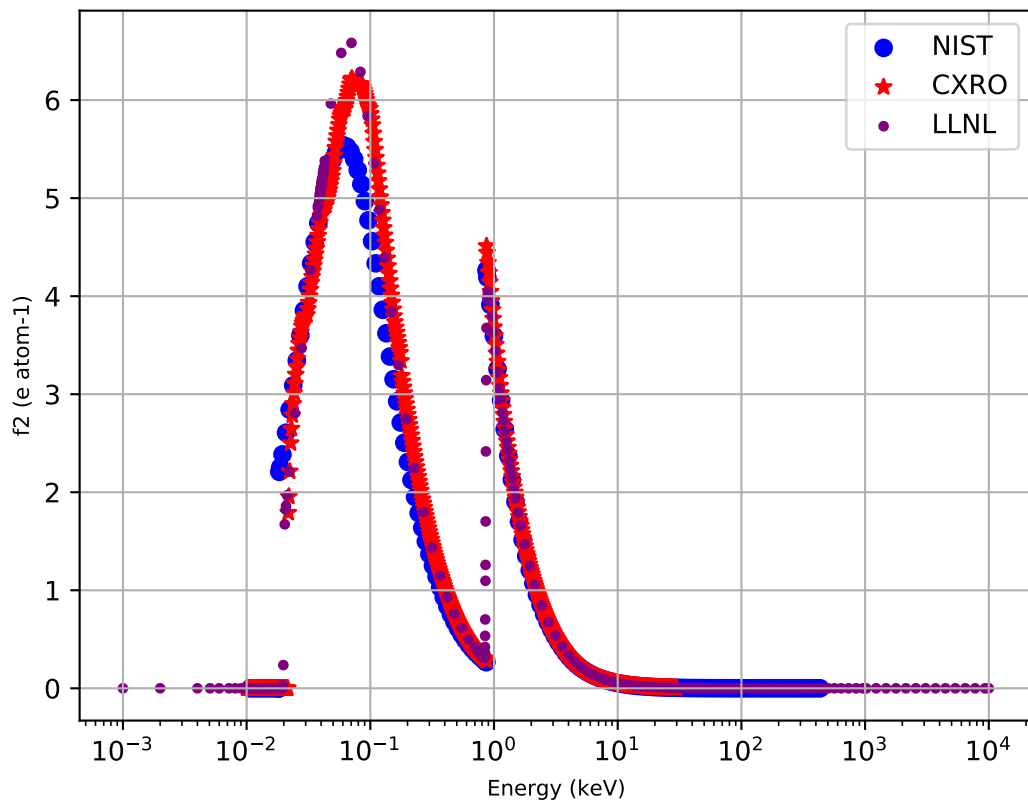
f2 for F, Z = 9



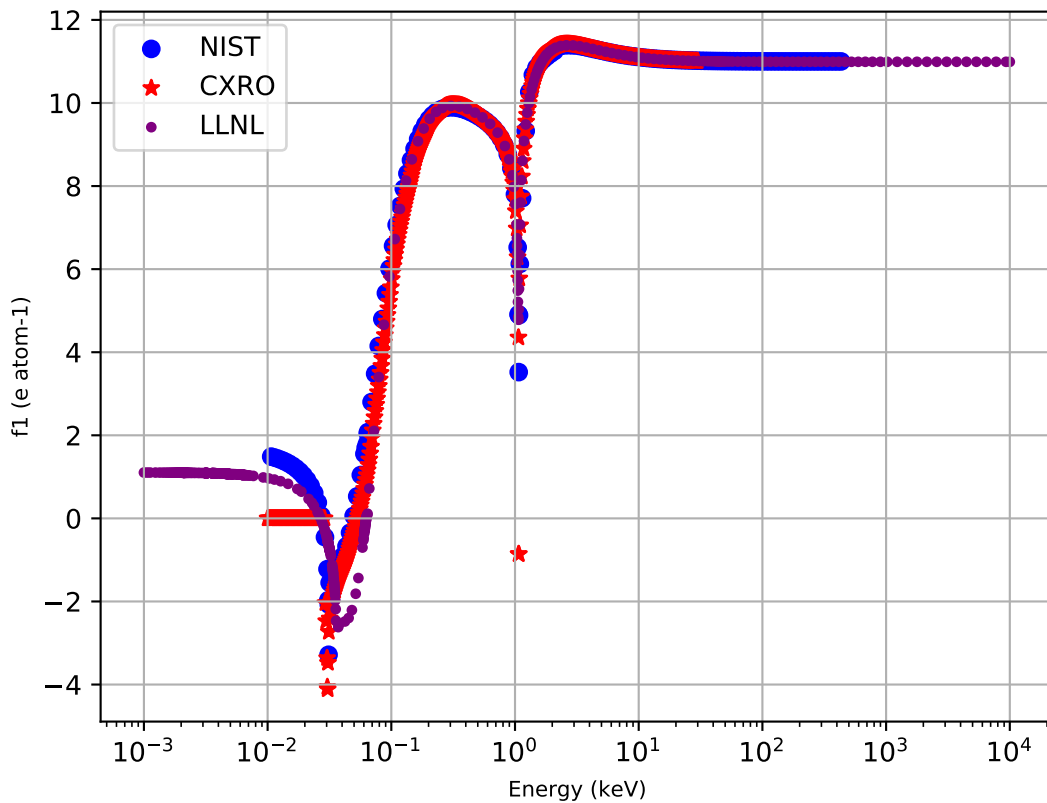
f1 for Ne, Z = 10



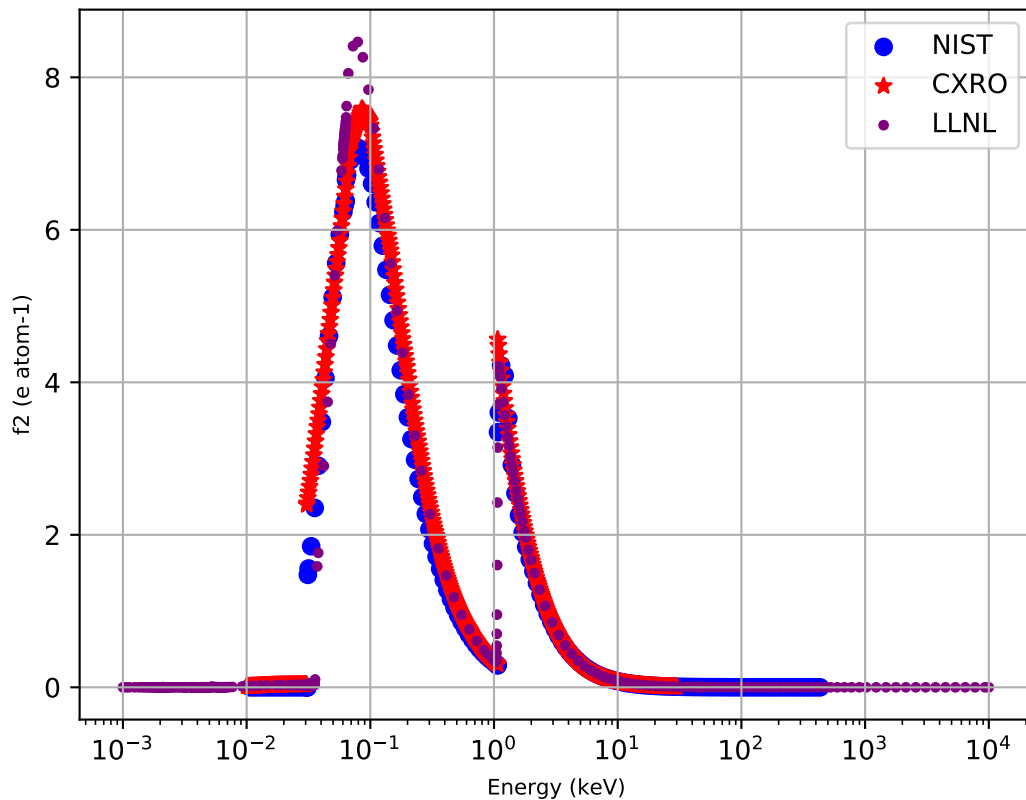
f2 for Ne, Z = 10



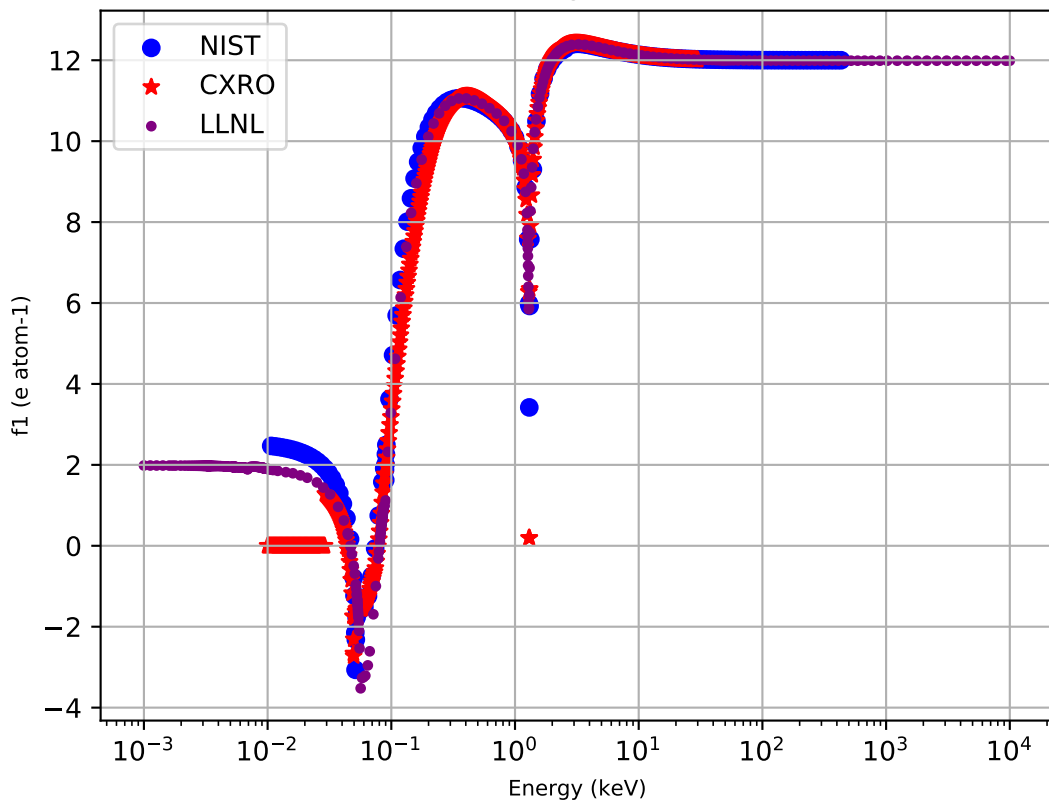
f1 for Na, $Z = 11$



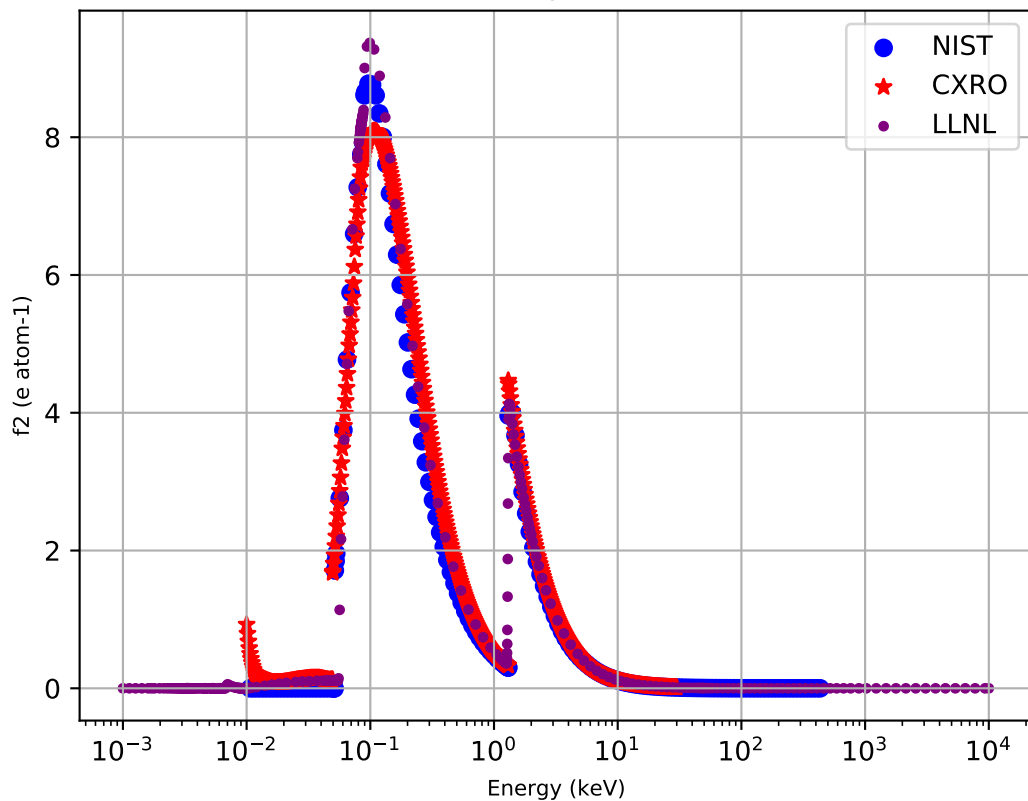
f2 for Na, Z = 11



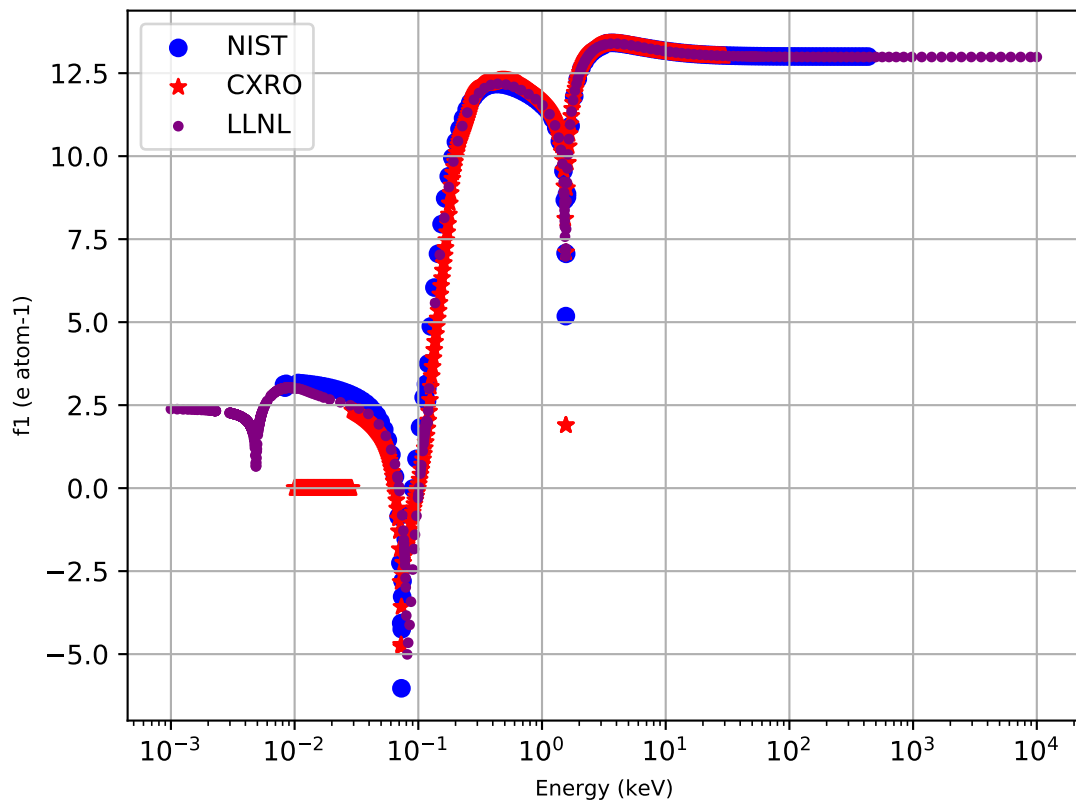
f1 for Mg, Z = 12



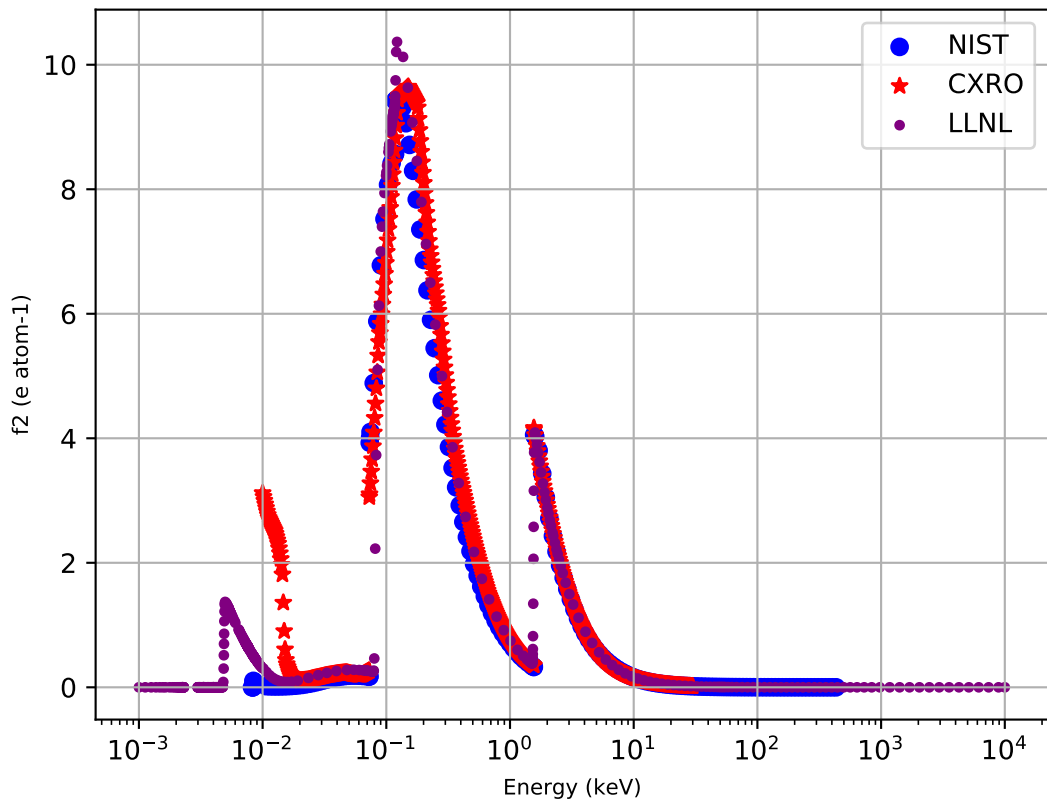
f2 for Mg, Z = 12



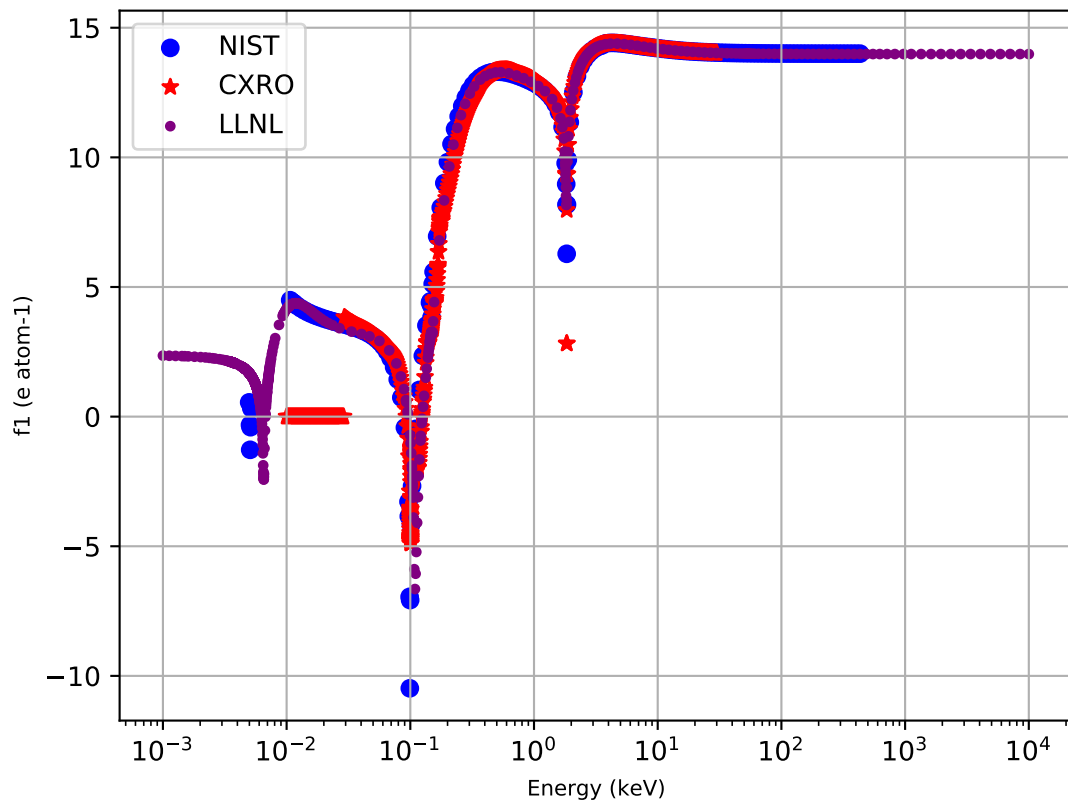
f1 for Al, Z = 13



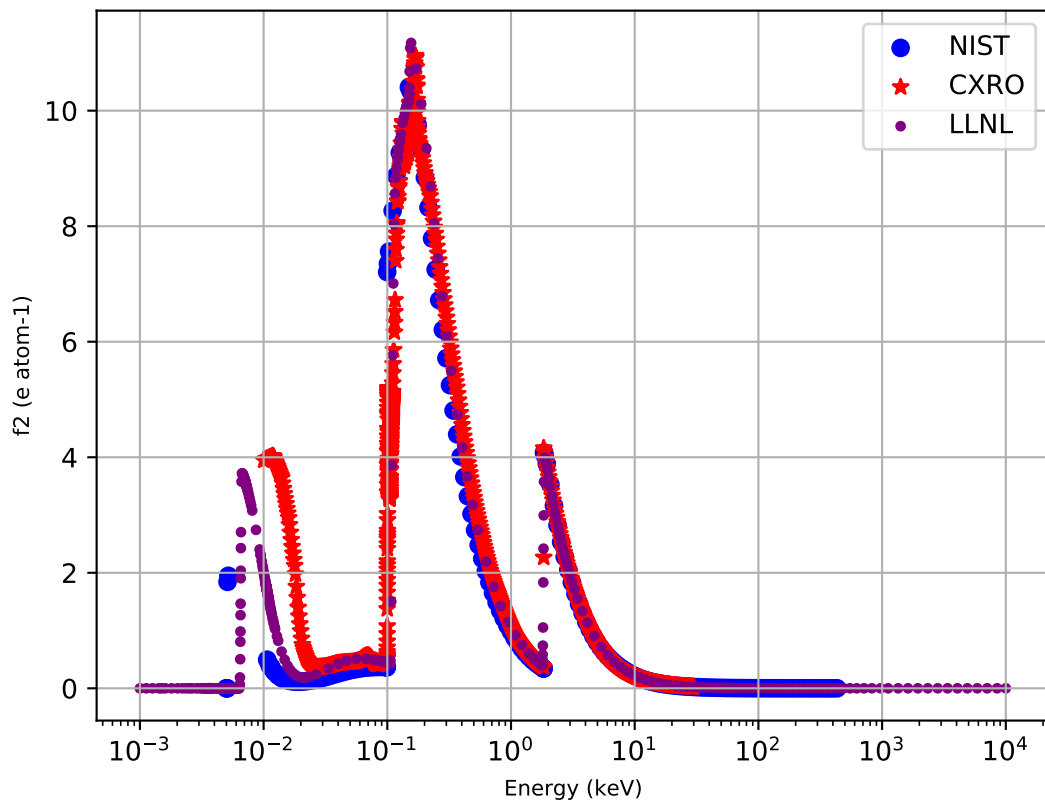
f2 for Al, Z = 13



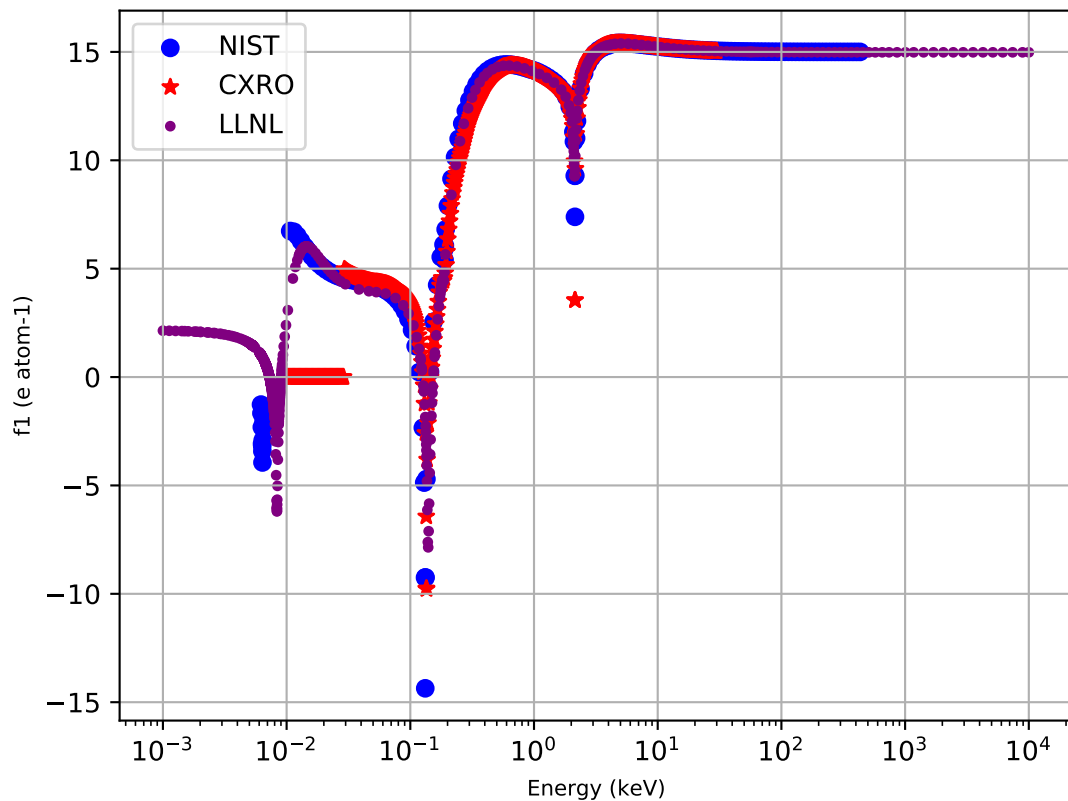
f1 for Si, Z = 14



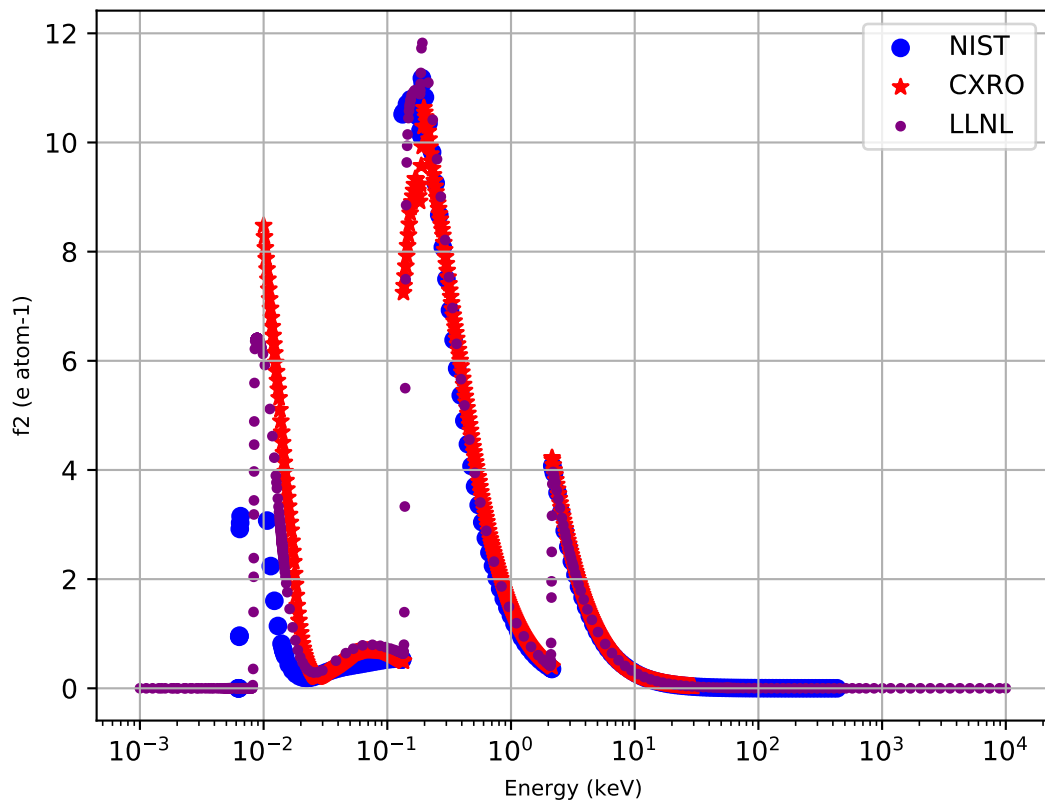
f2 for Si, Z = 14



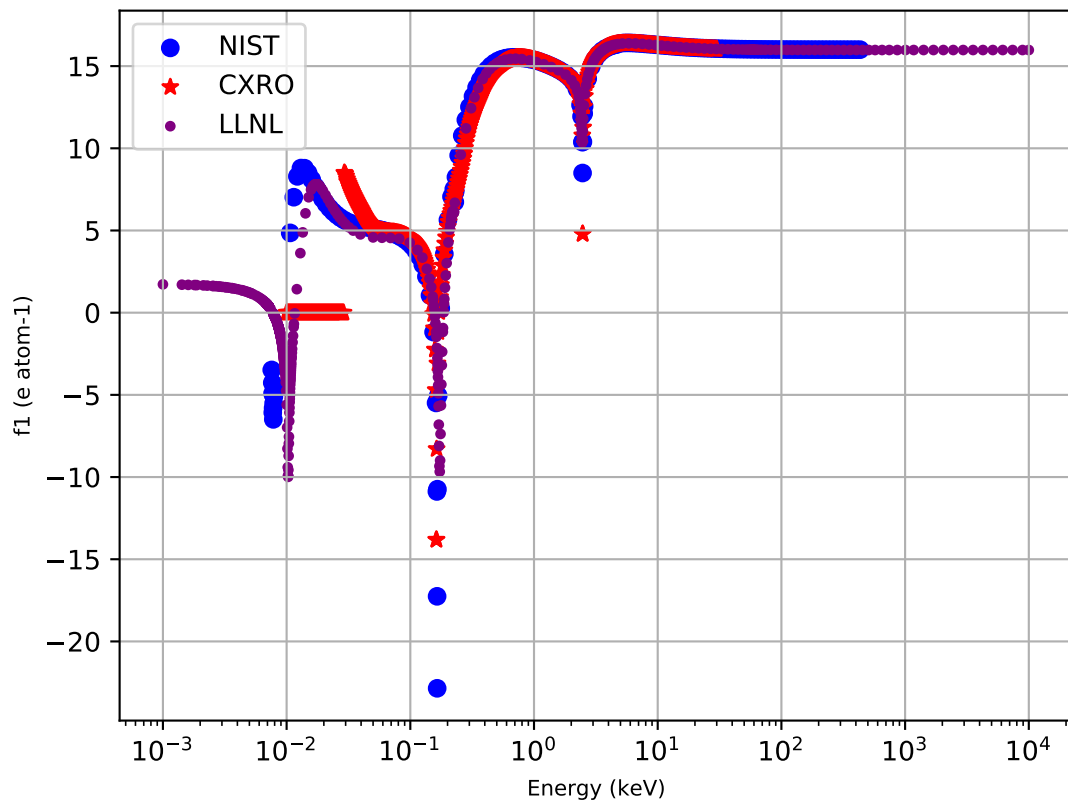
f1 for P, Z = 15



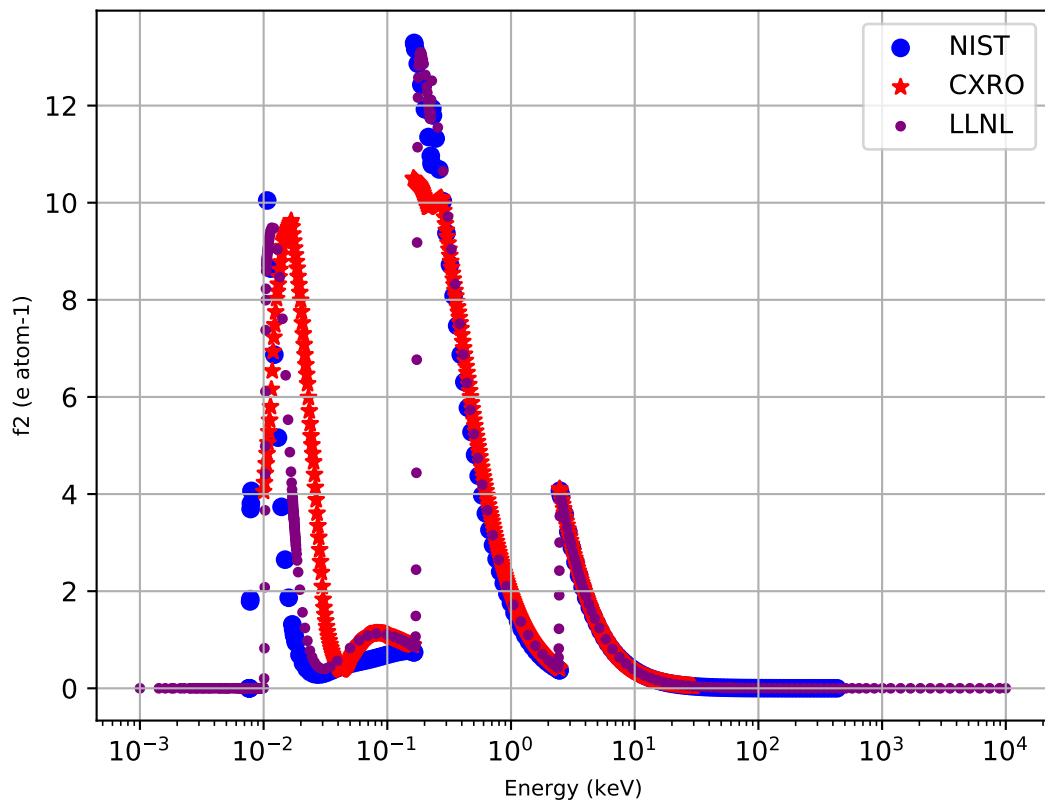
f2 for P, Z = 15



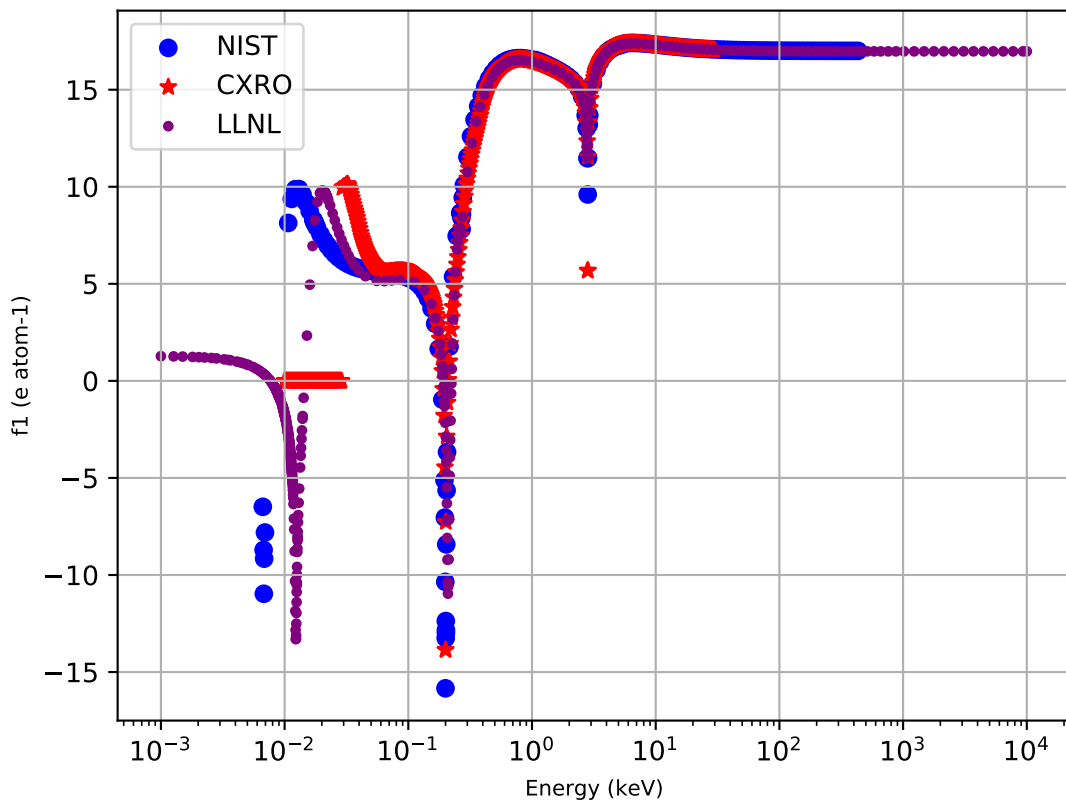
f1 for S, Z = 16



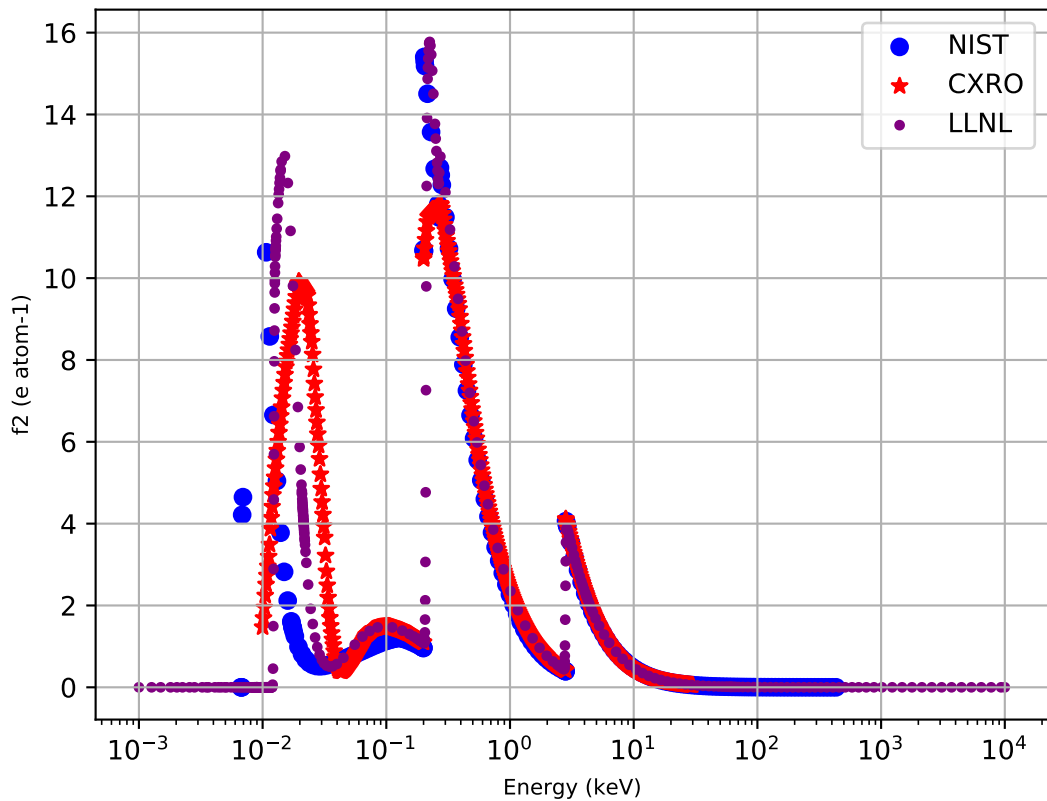
f2 for S, Z = 16



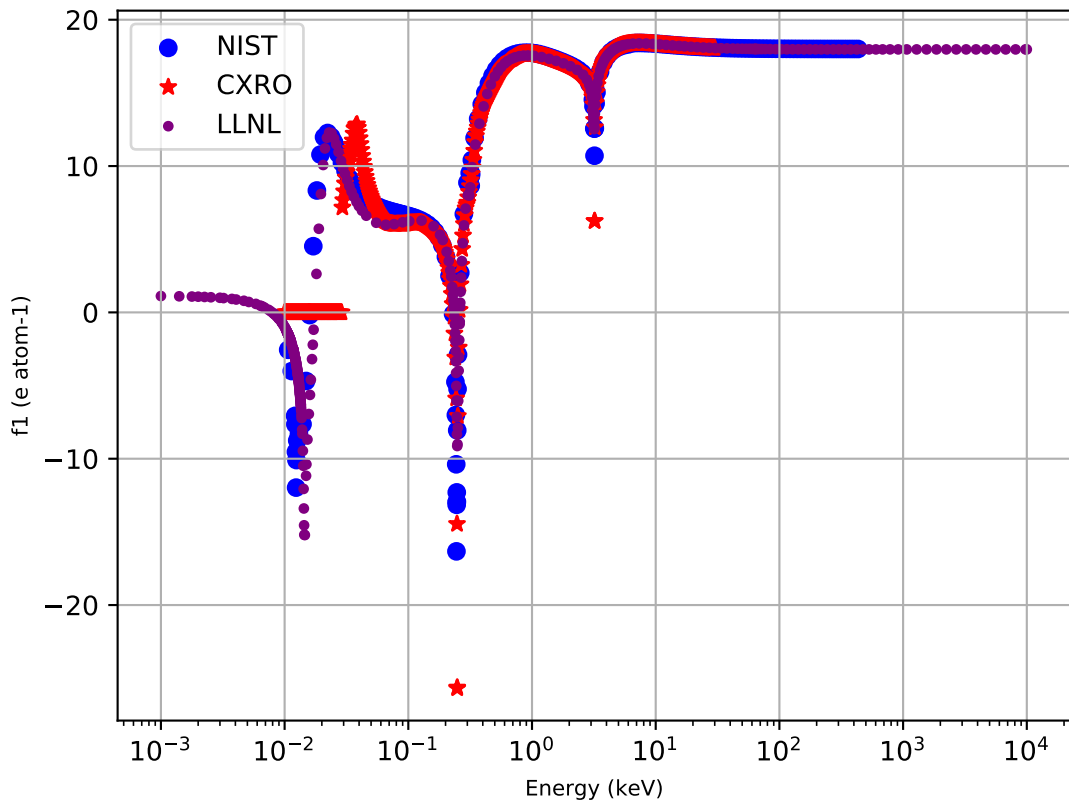
f1 for Cl, $Z = 17$



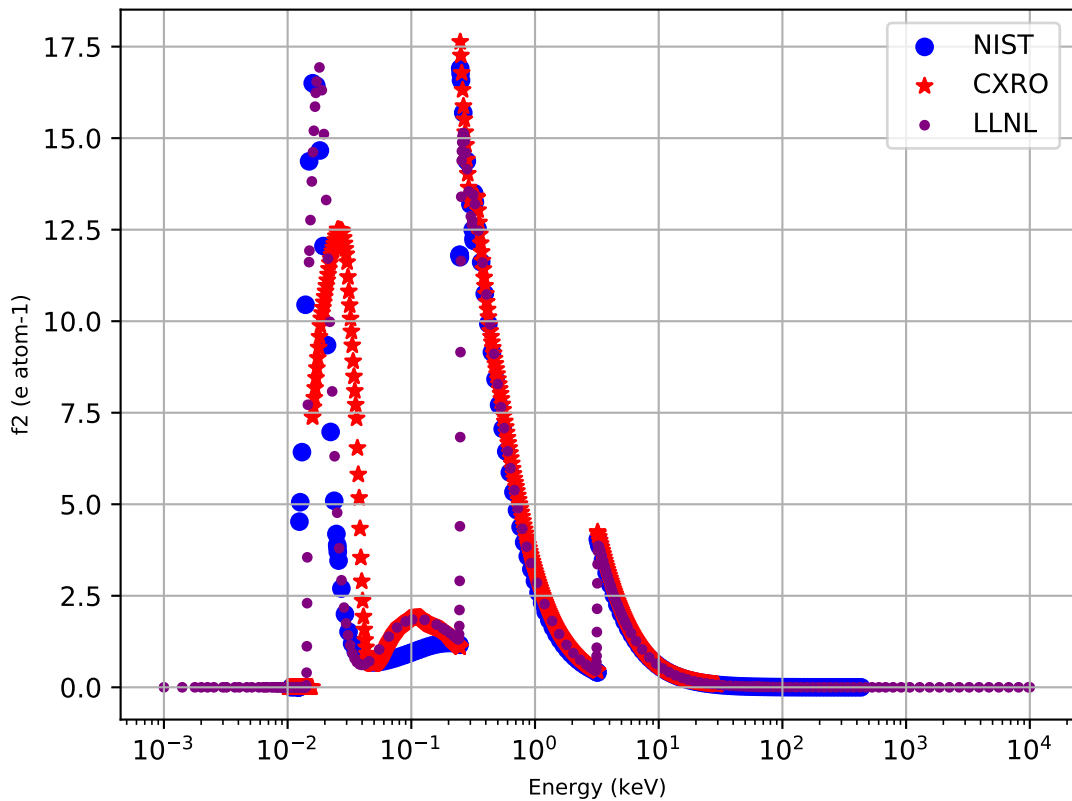
f2 for Cl, Z = 17



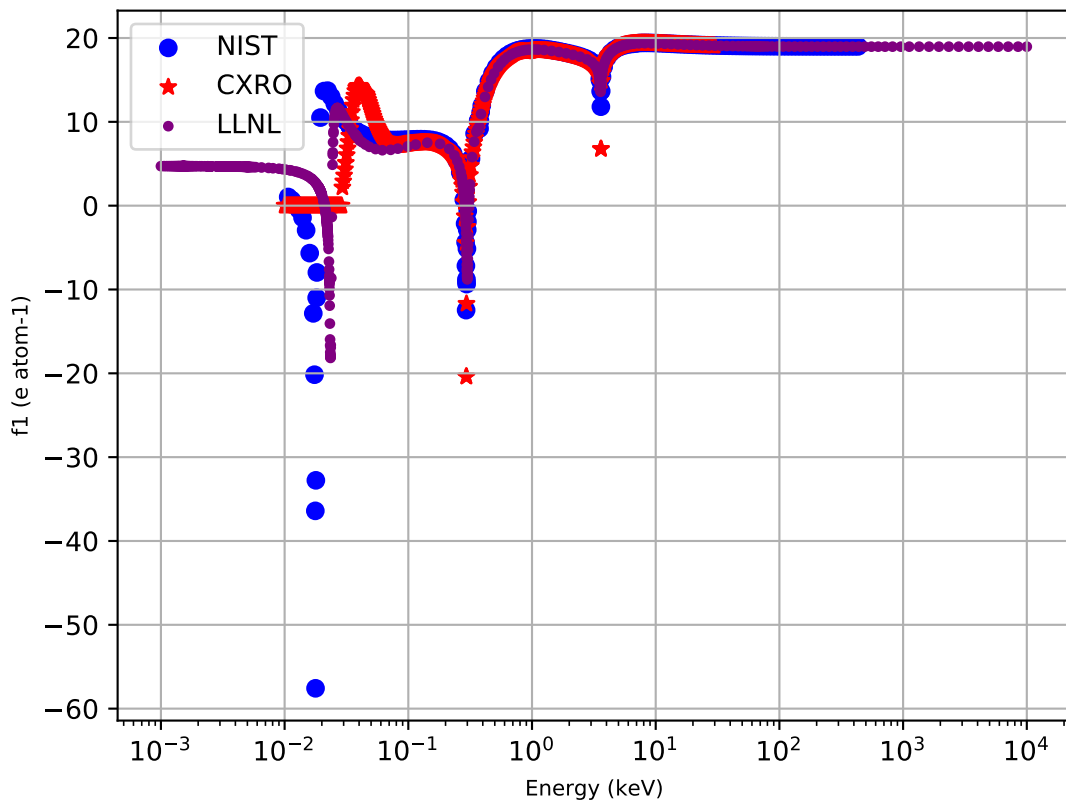
f1 for Ar, Z = 18



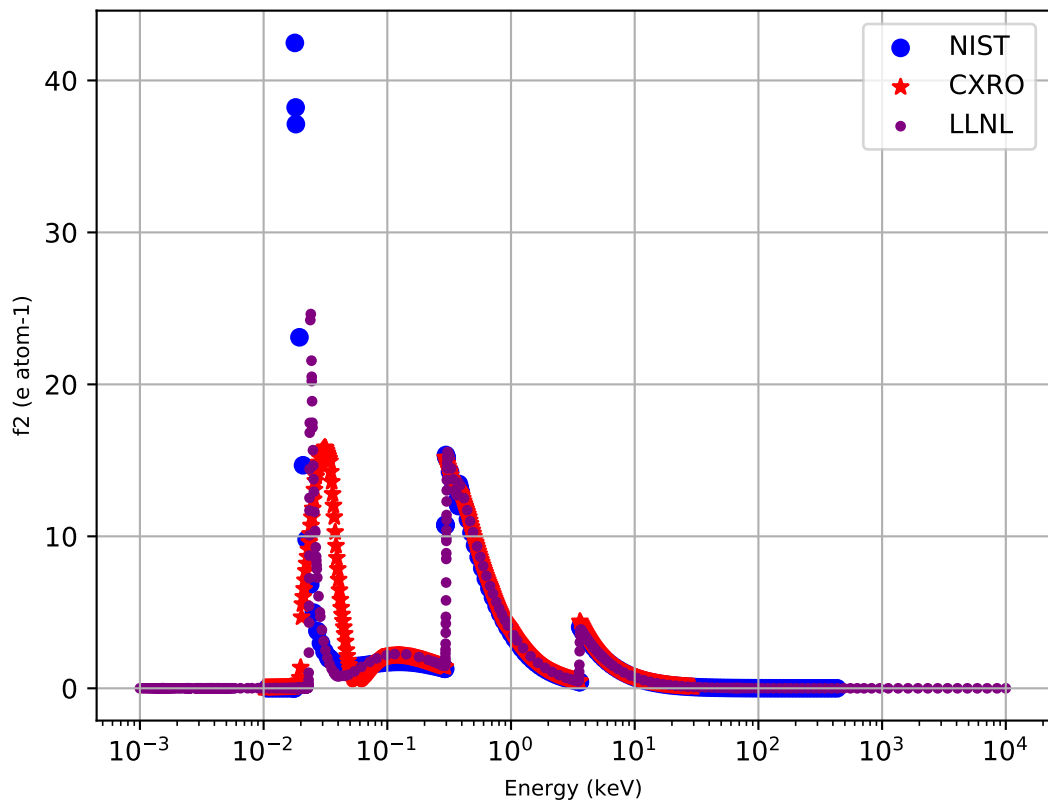
f2 for Ar, Z = 18



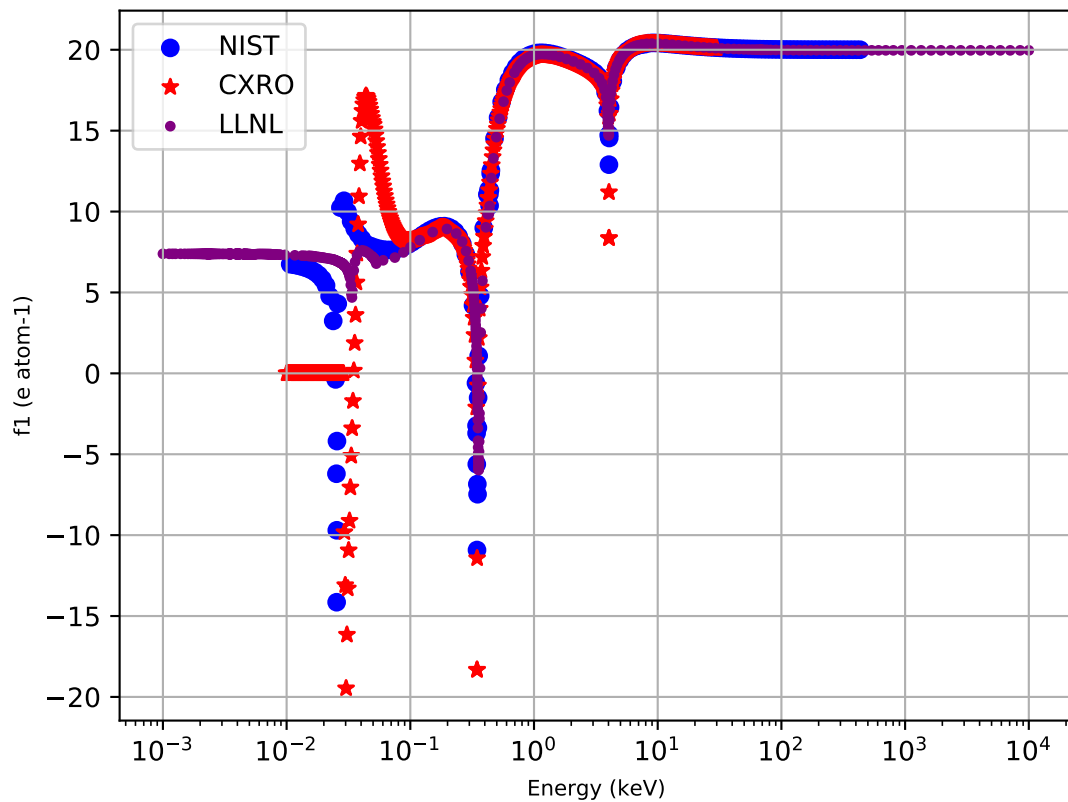
f1 for K, Z = 19



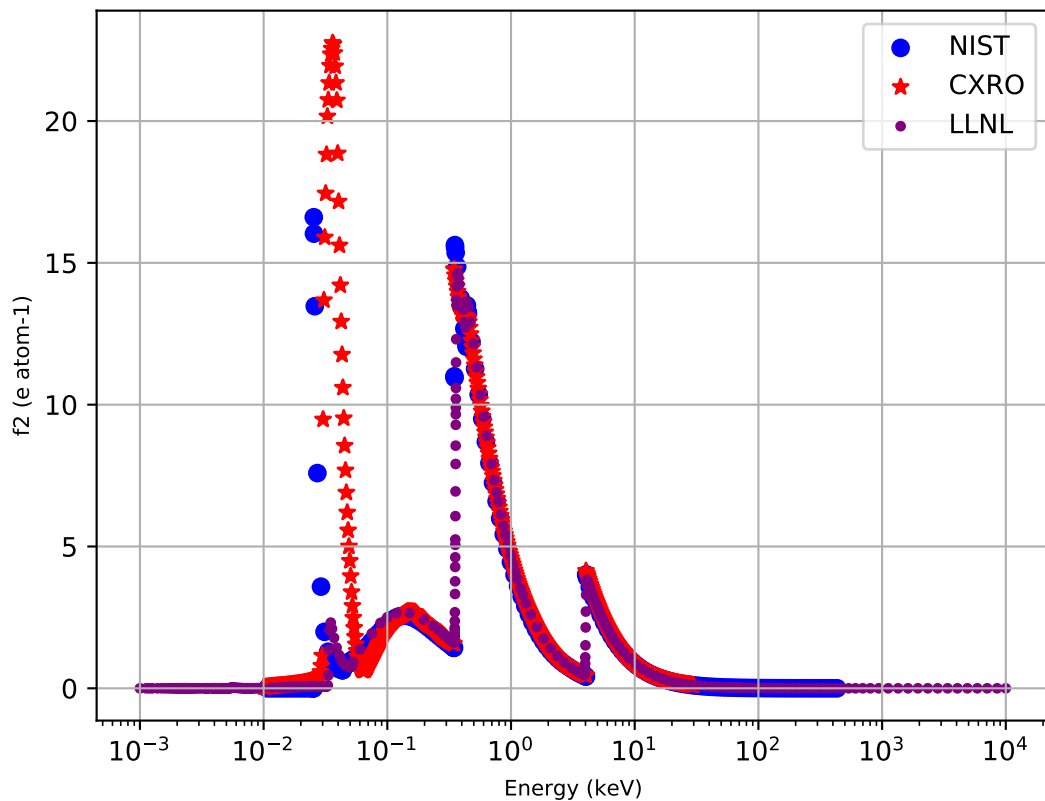
f2 for K, Z = 19



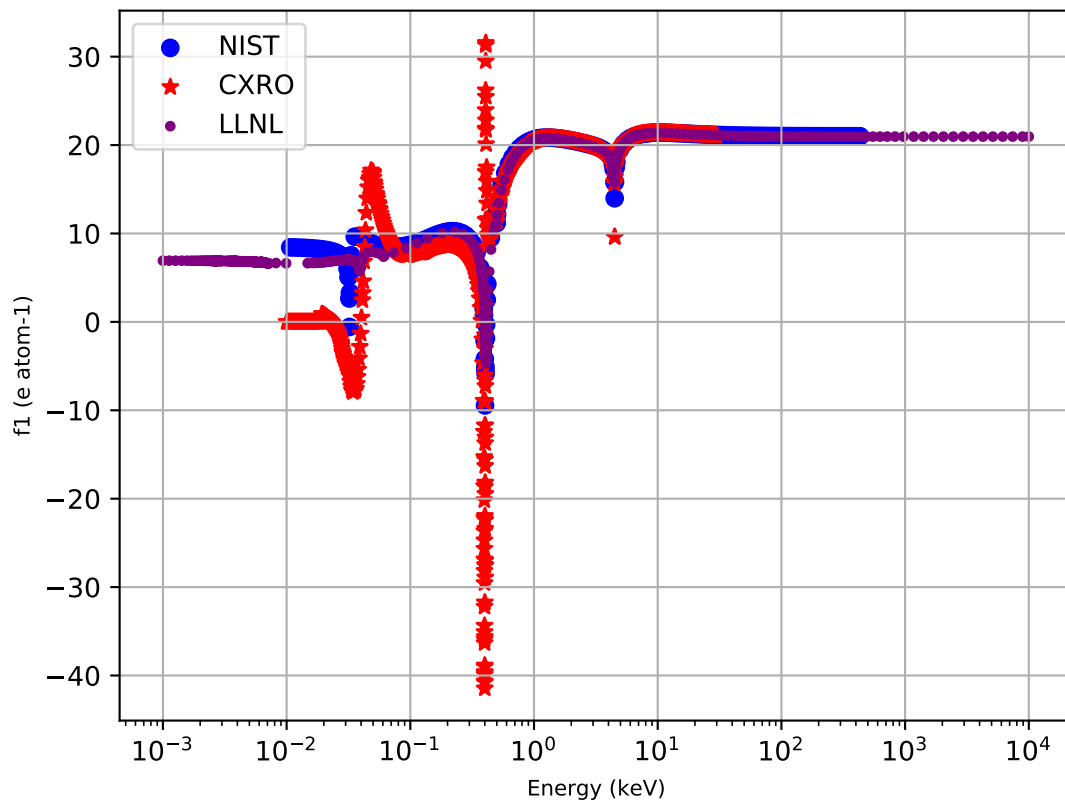
f1 for Ca, Z = 20



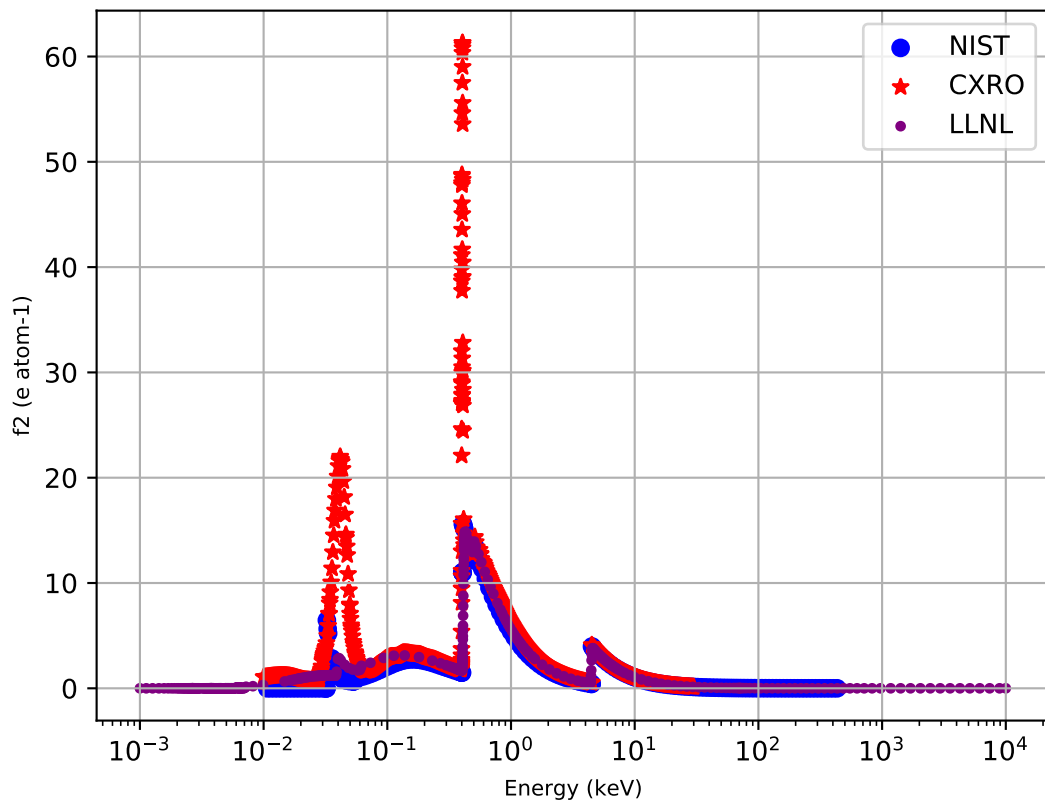
f2 for Ca, Z = 20



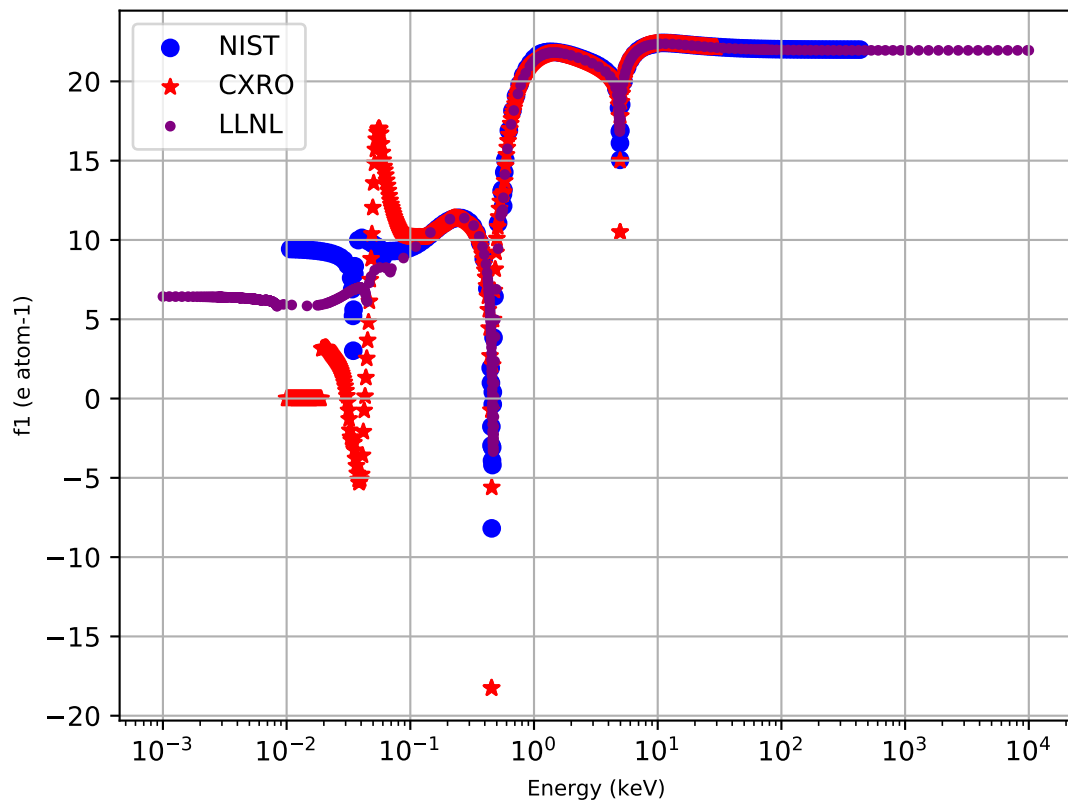
f1 for Sc, Z = 21



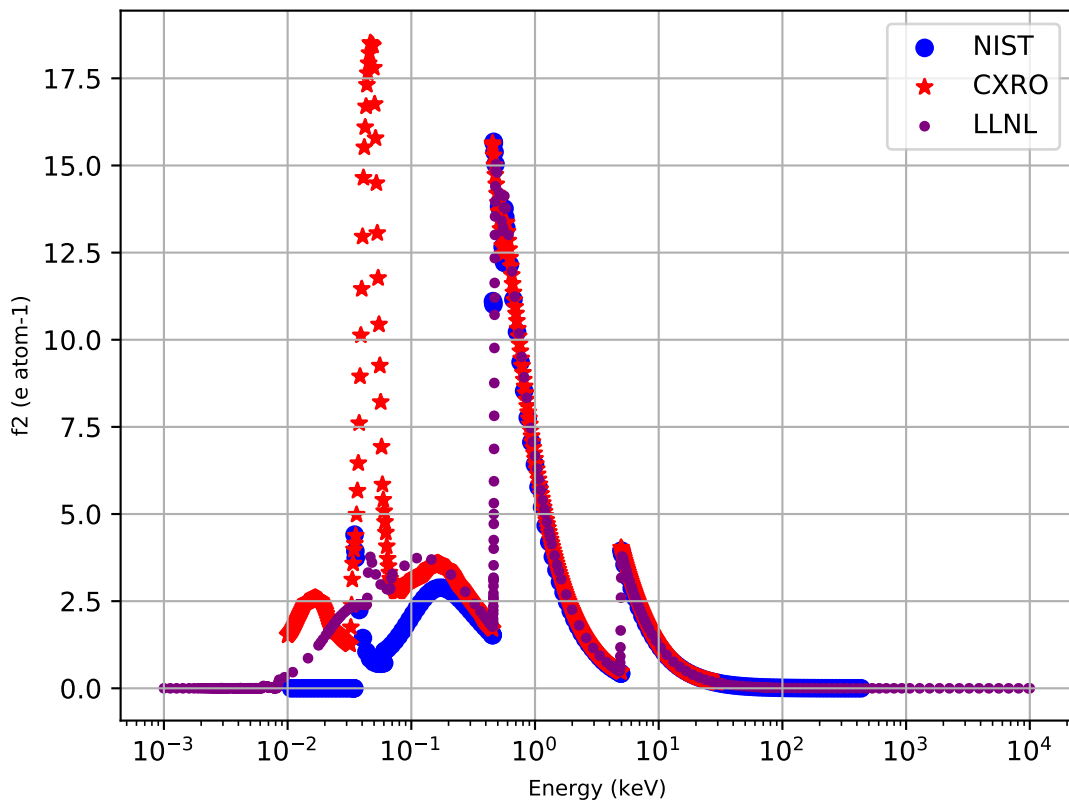
f2 for Sc, Z = 21



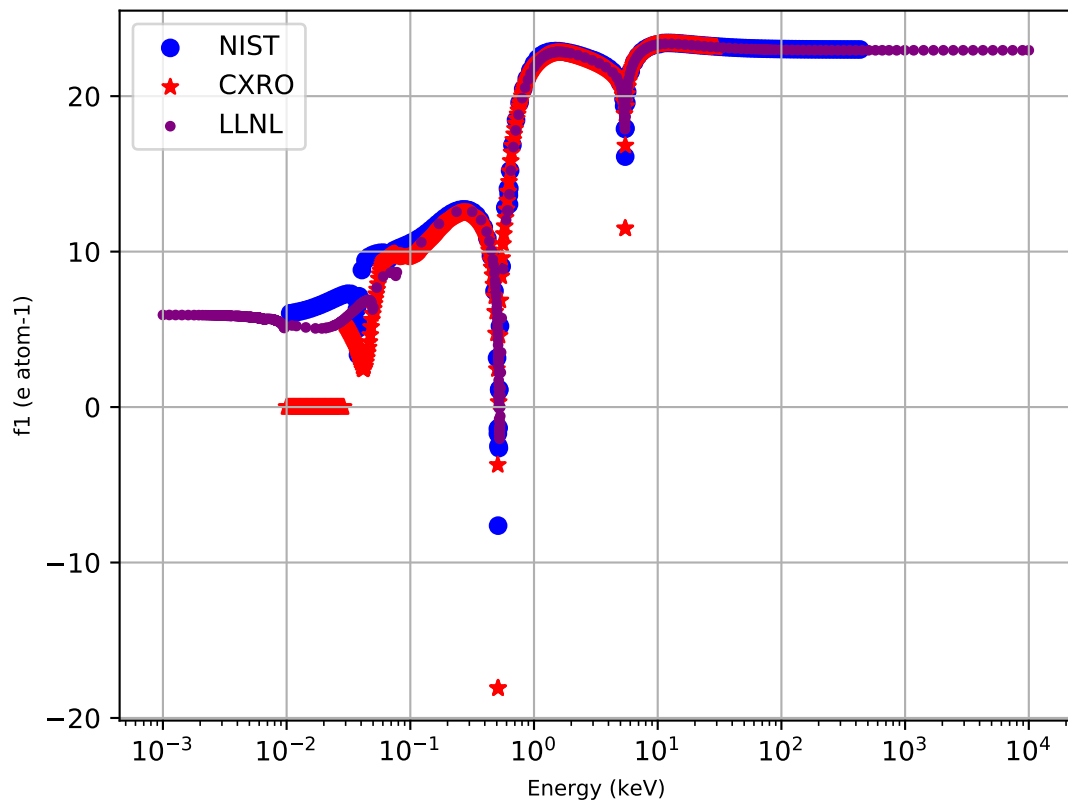
f1 for Ti, Z = 22



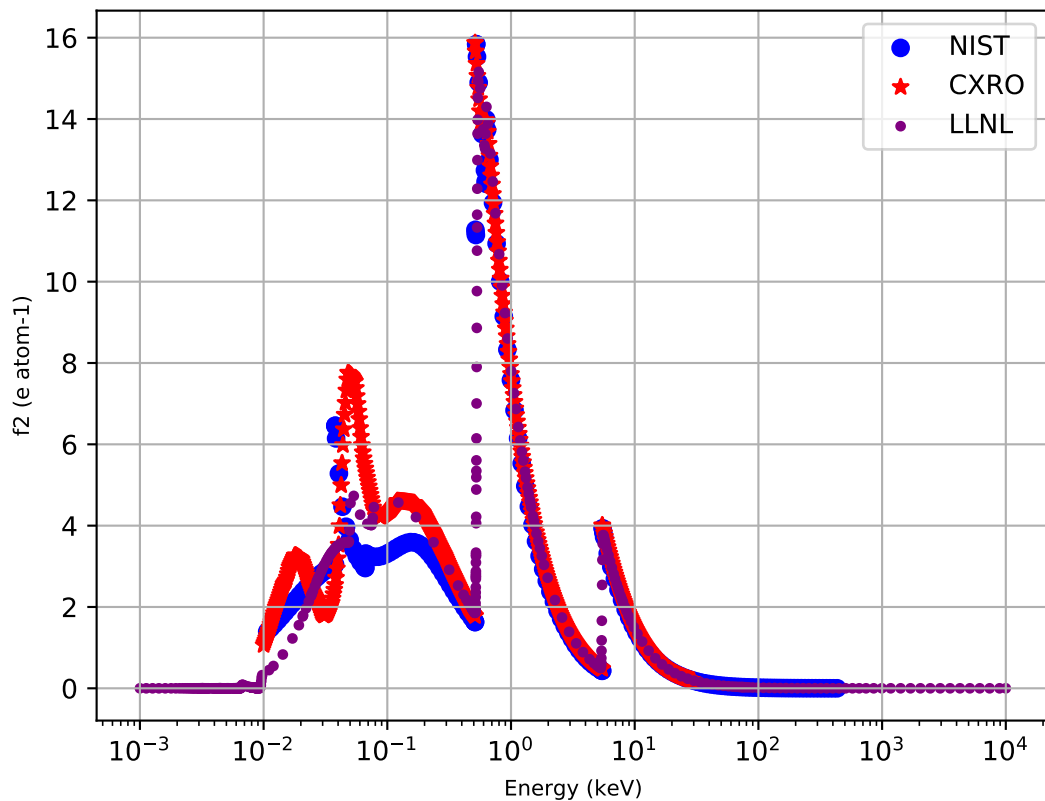
f2 for Ti, Z = 22



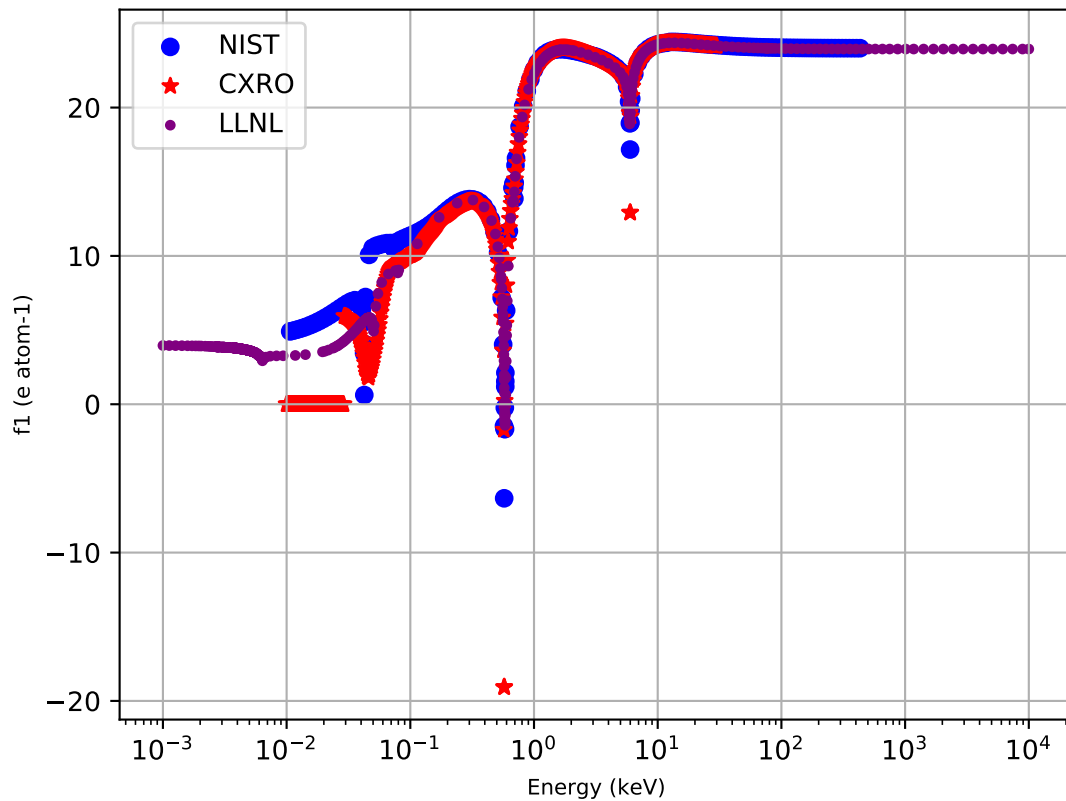
f1 for V, Z = 23



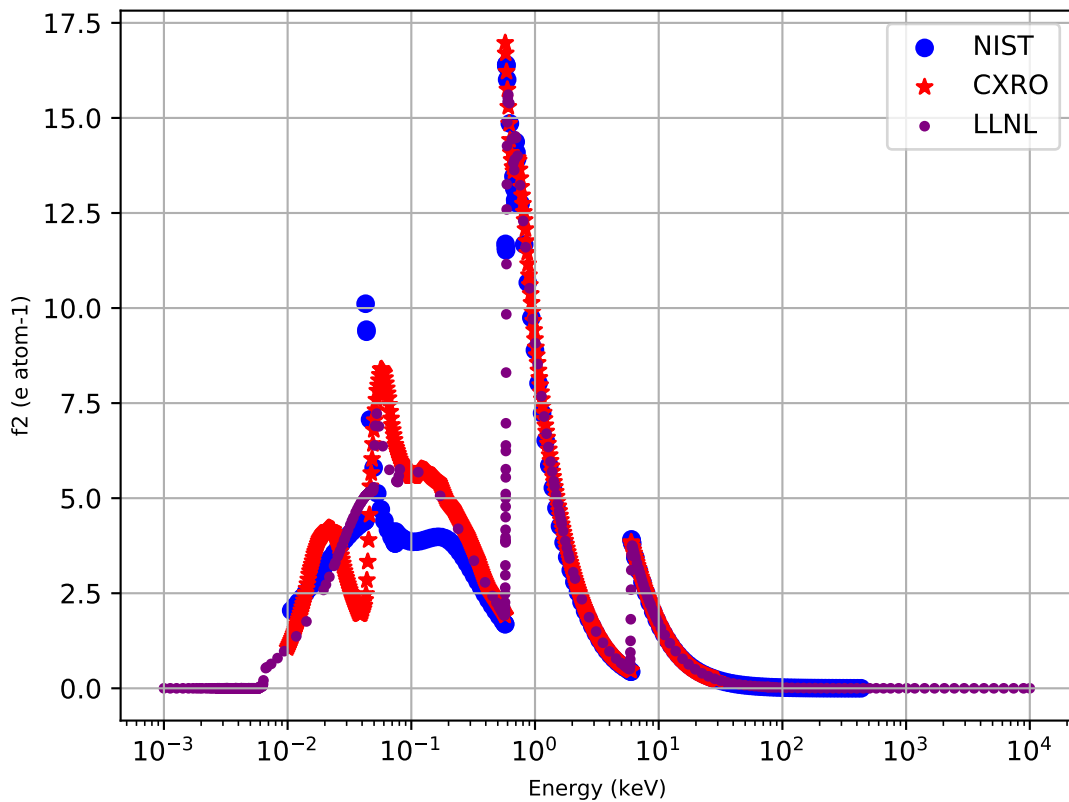
f2 for V, Z = 23



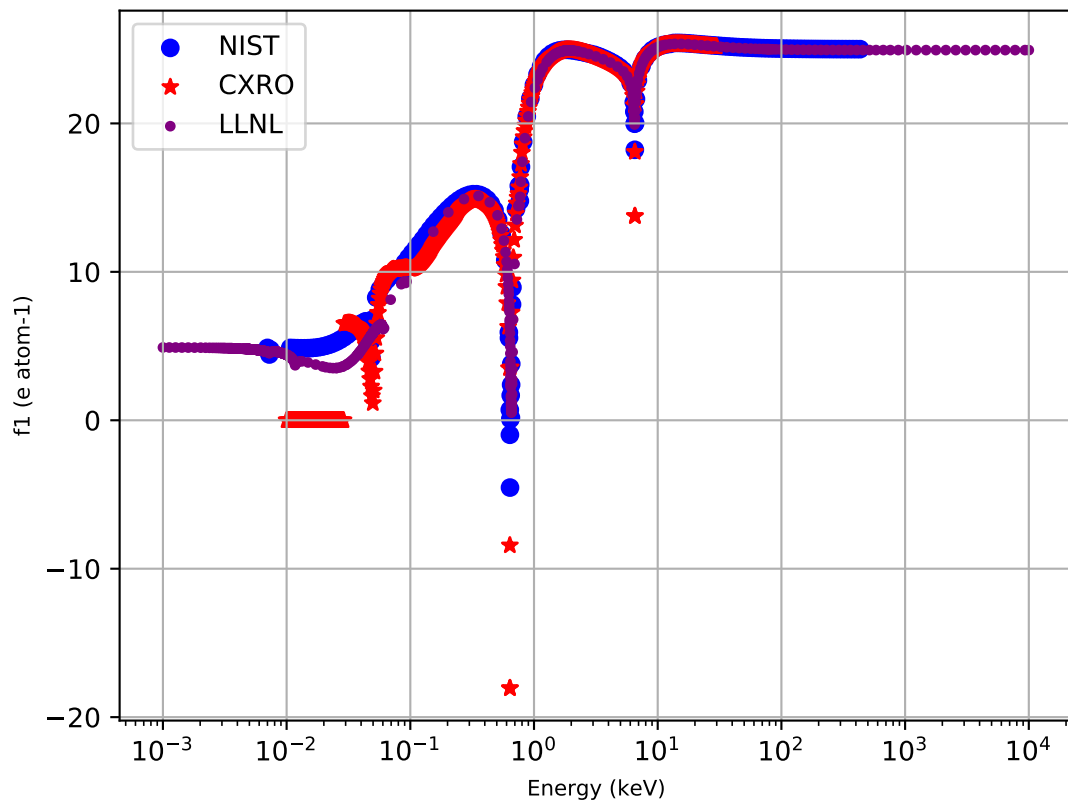
f1 for Cr, Z = 24



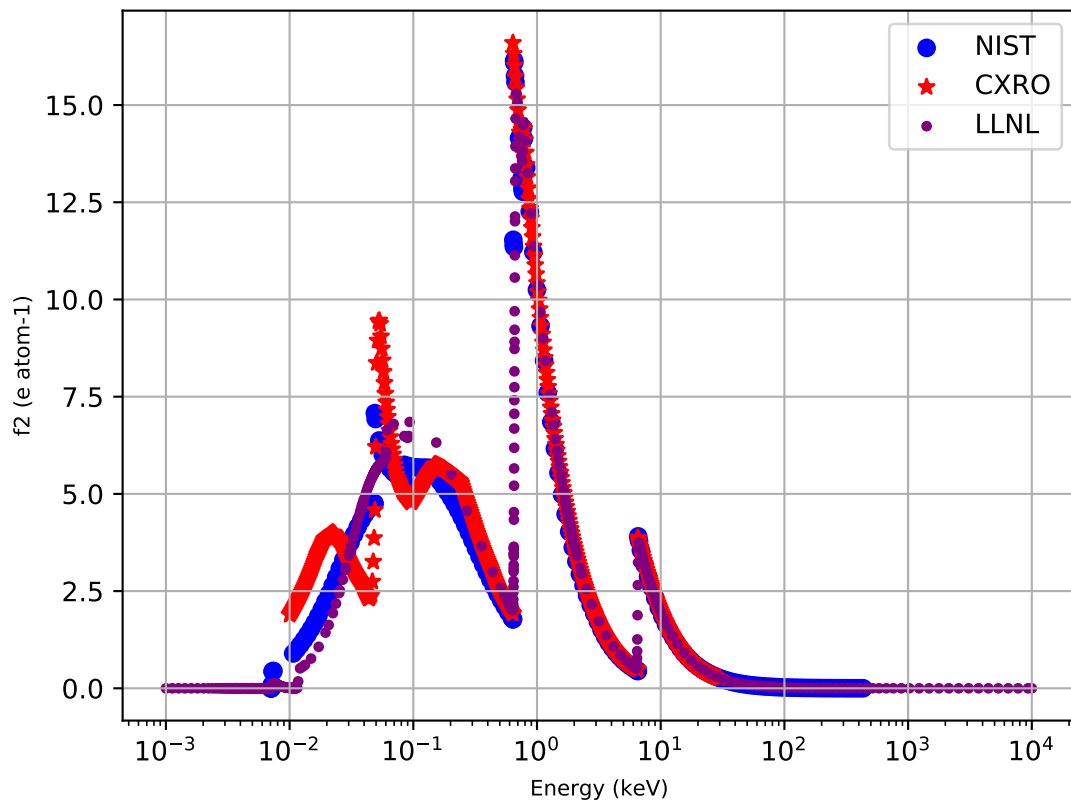
f2 for Cr, Z = 24



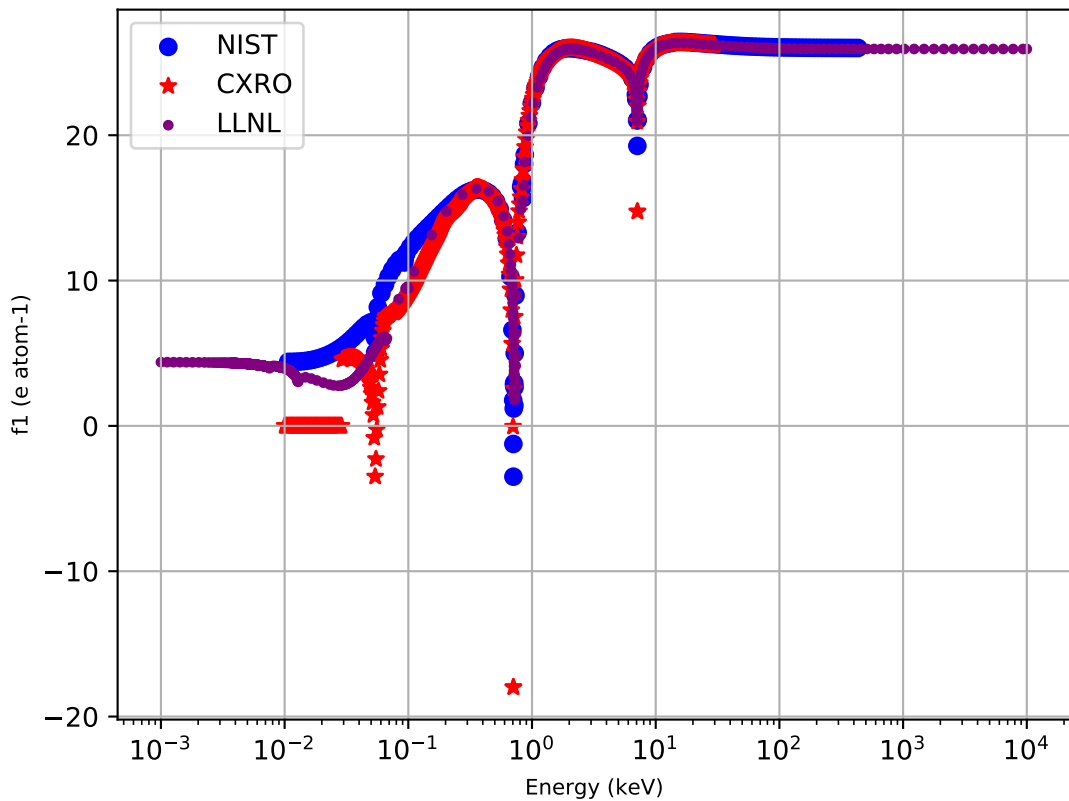
f1 for Mn, Z = 25



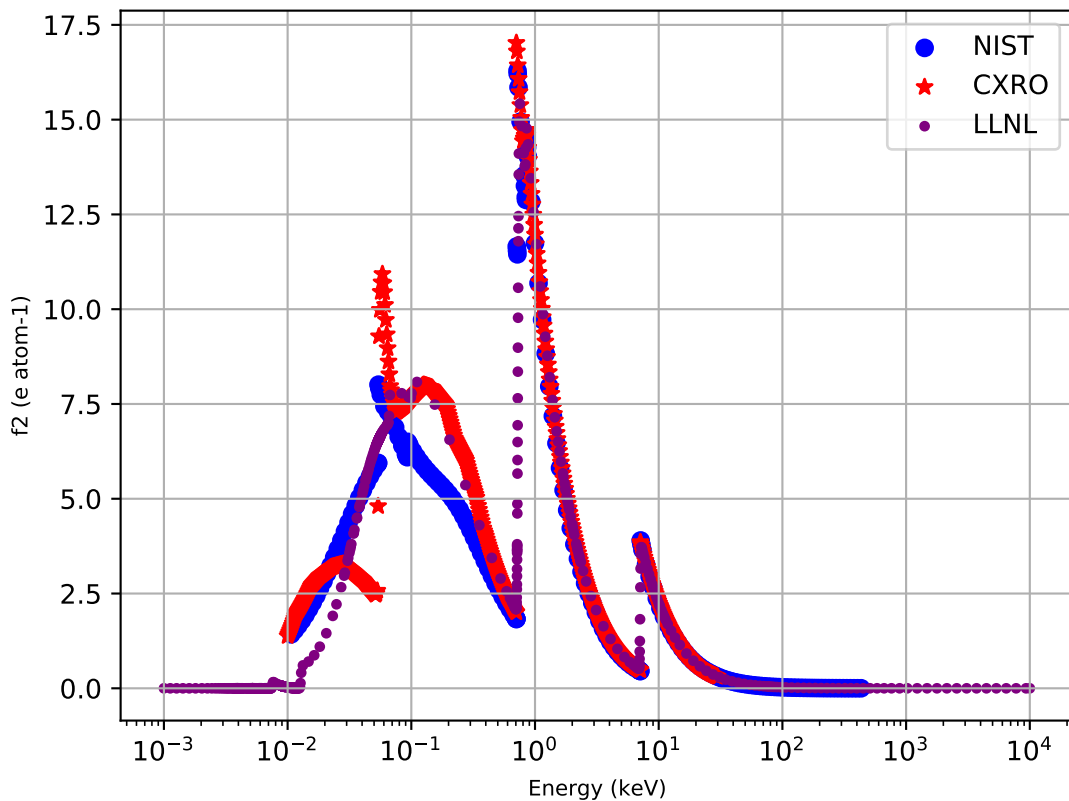
f2 for Mn, Z = 25



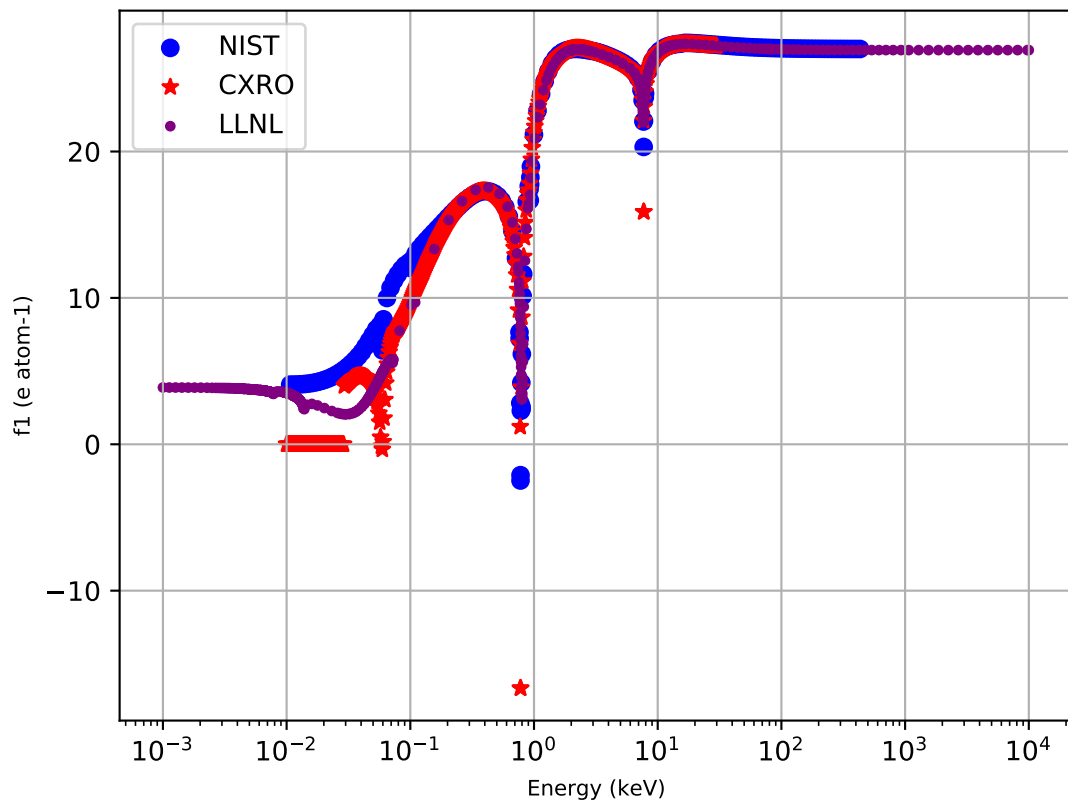
f1 for Fe, Z = 26



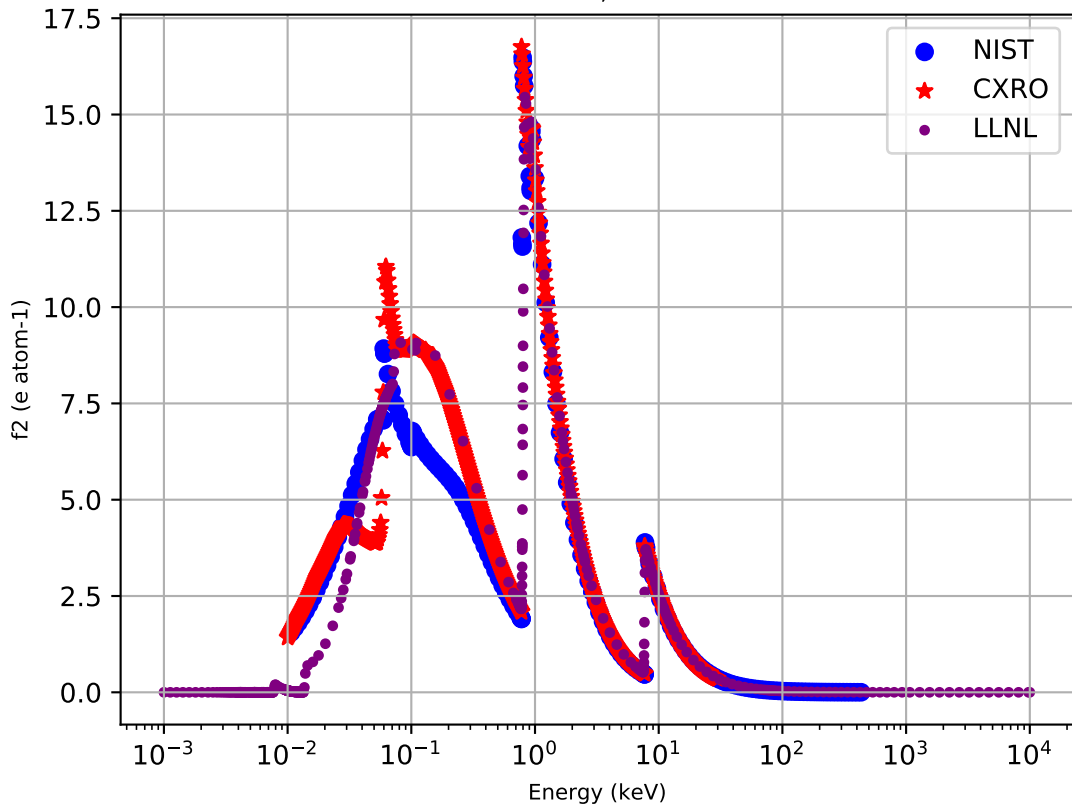
f2 for Fe, Z = 26



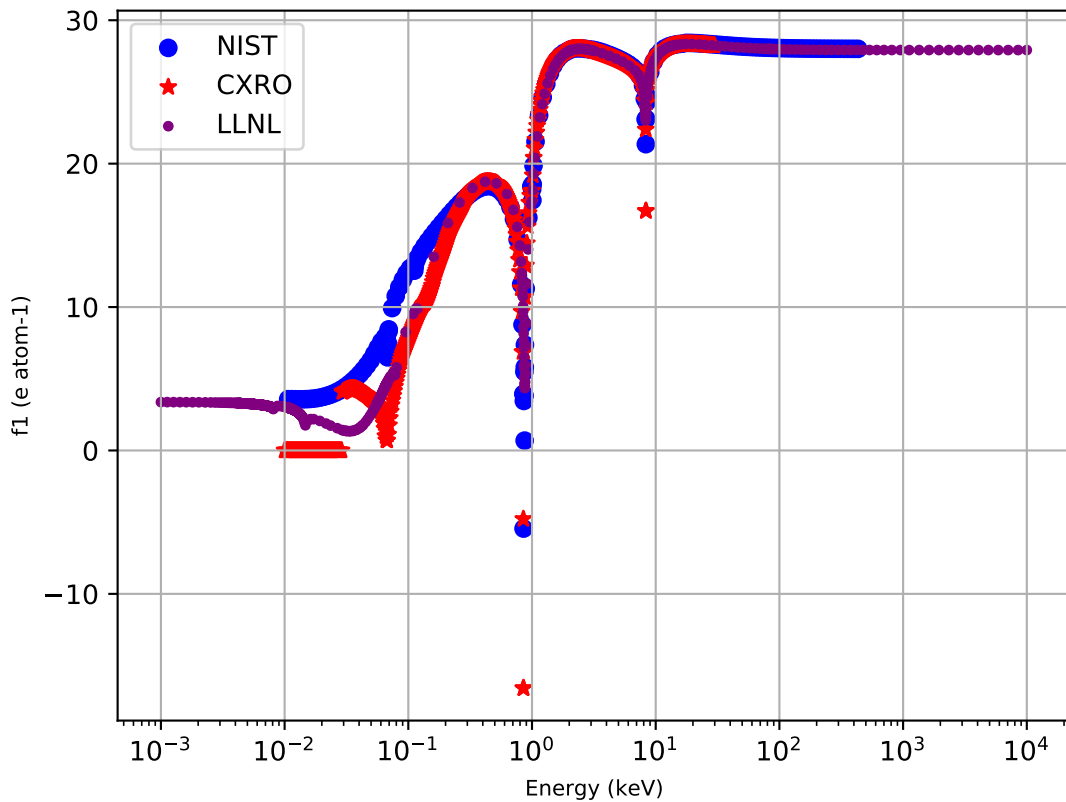
f1 for Co, Z = 27



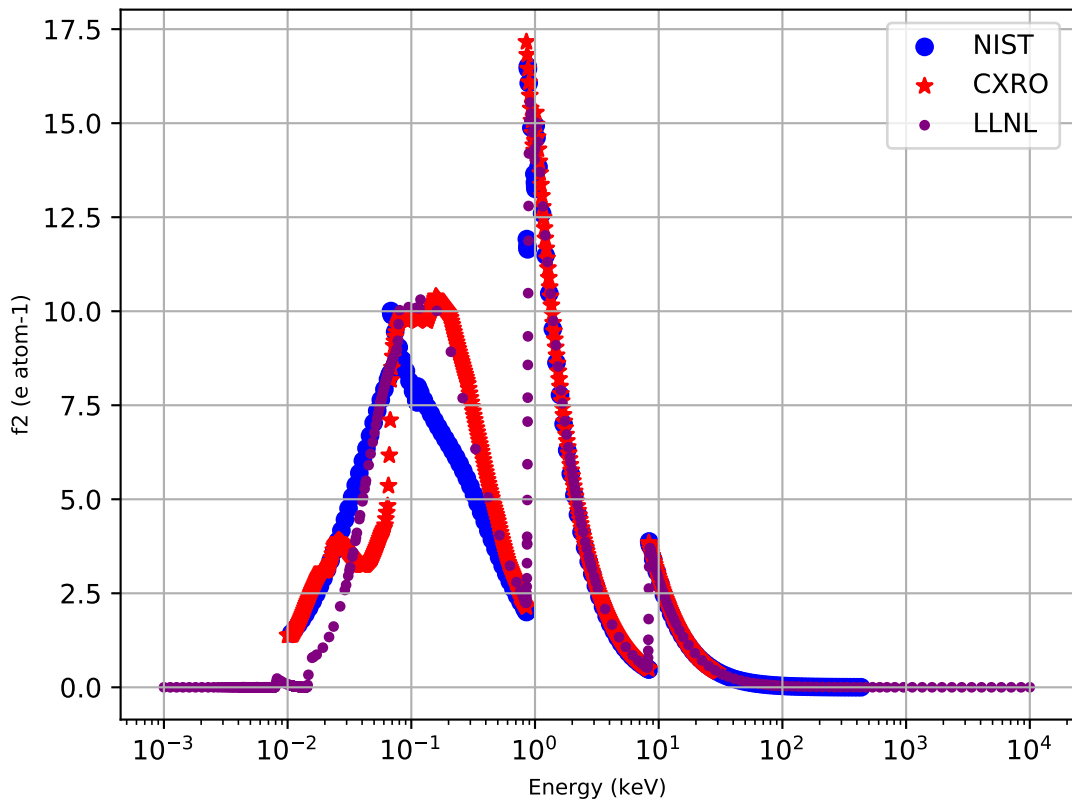
f2 for Co, Z = 27



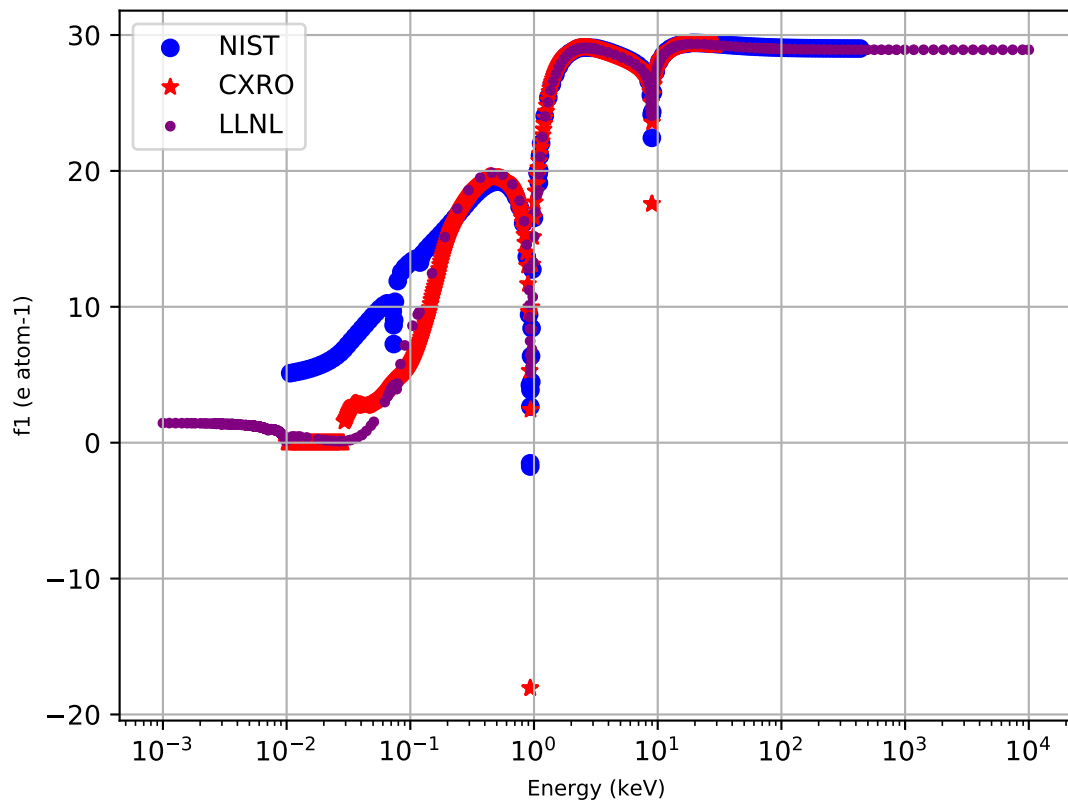
f1 for Ni, Z = 28



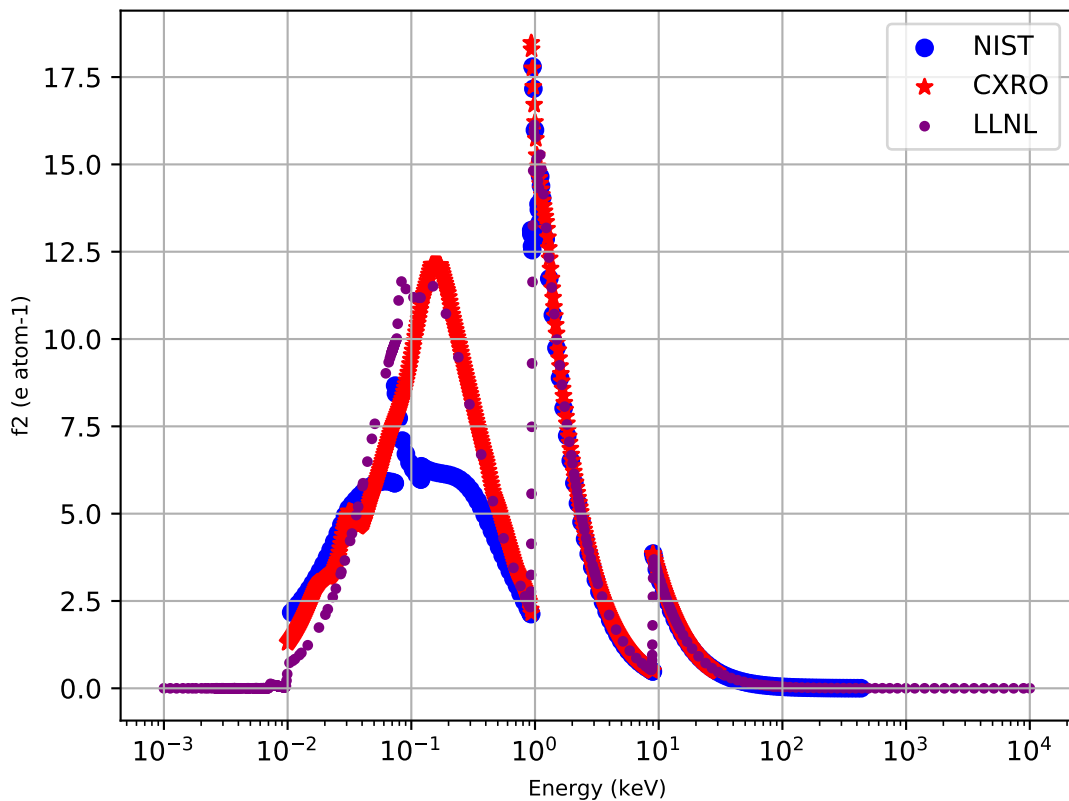
f2 for Ni, Z = 28



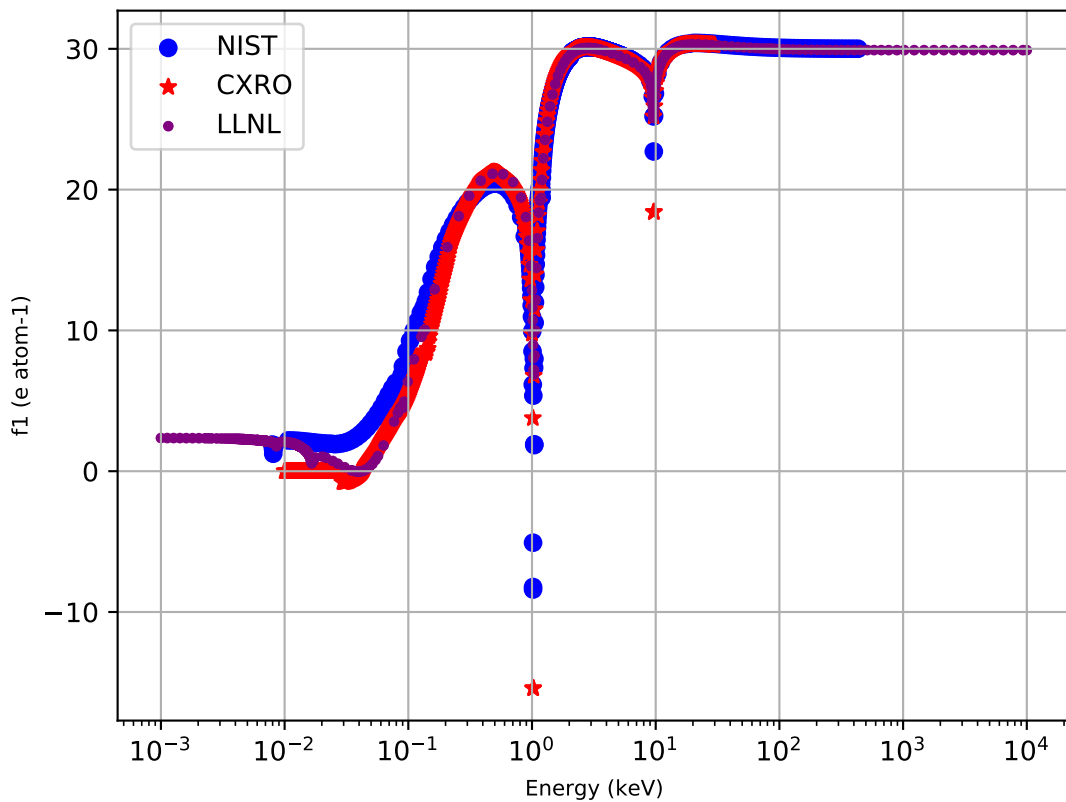
f1 for Cu, Z = 29



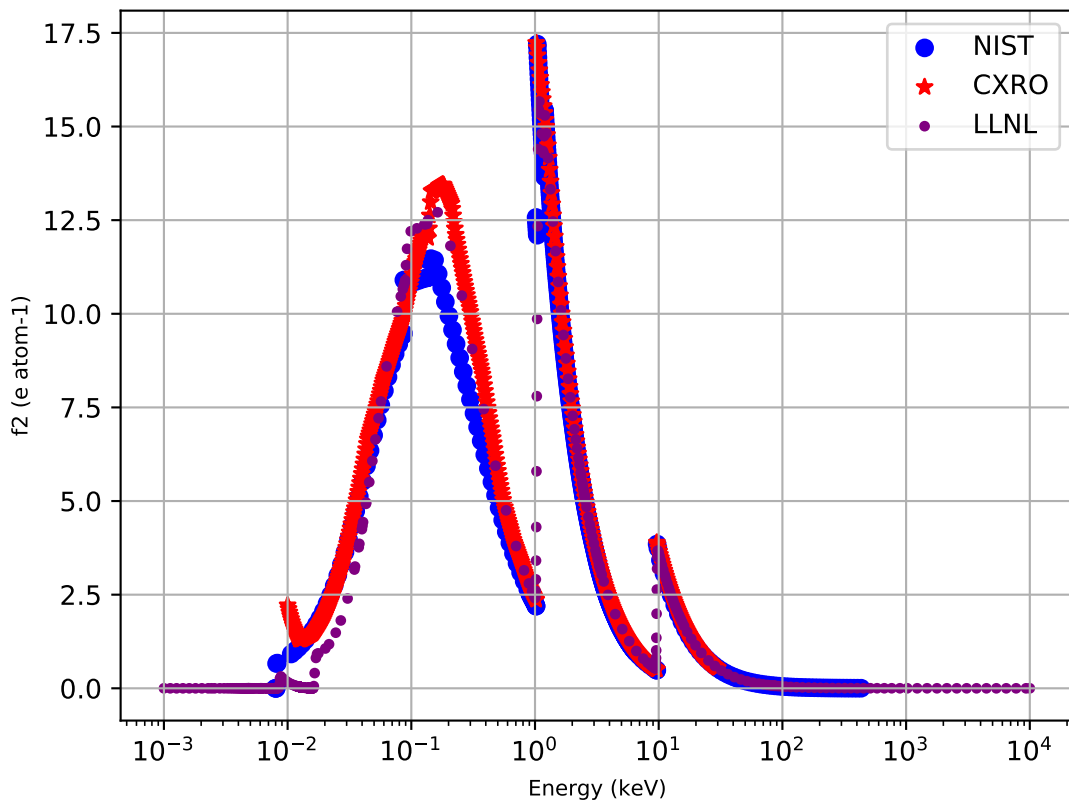
f2 for Cu, Z = 29



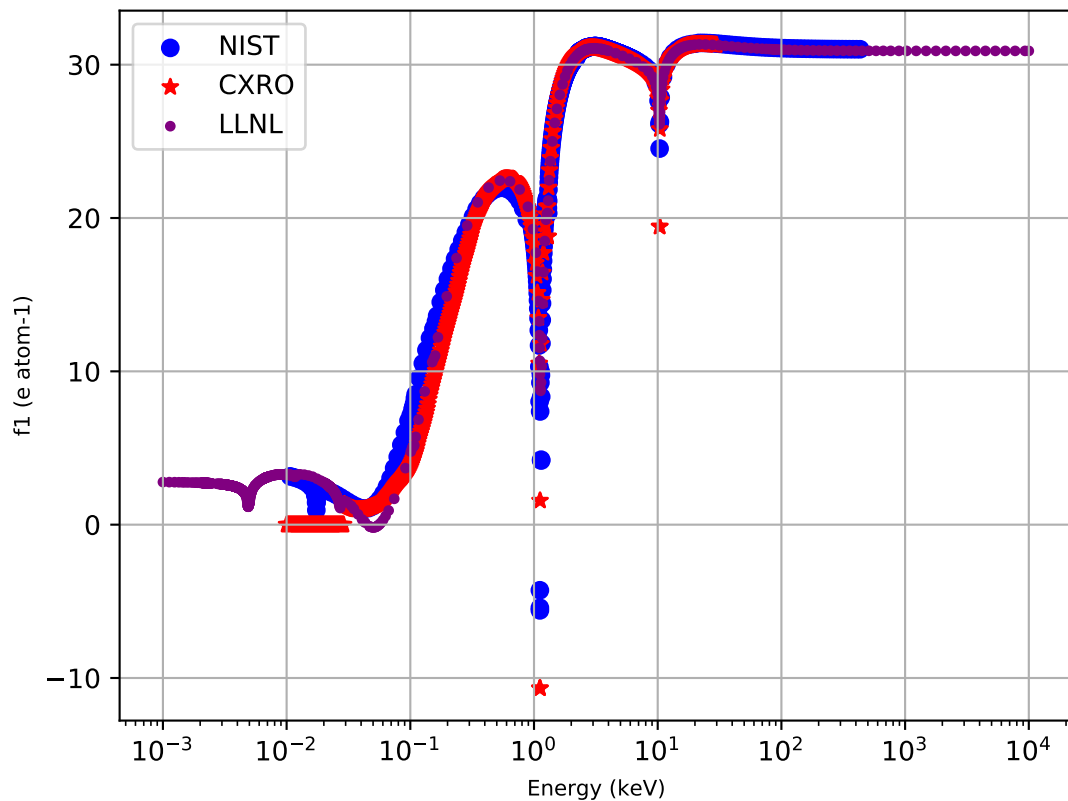
f1 for Zn, $Z = 30$



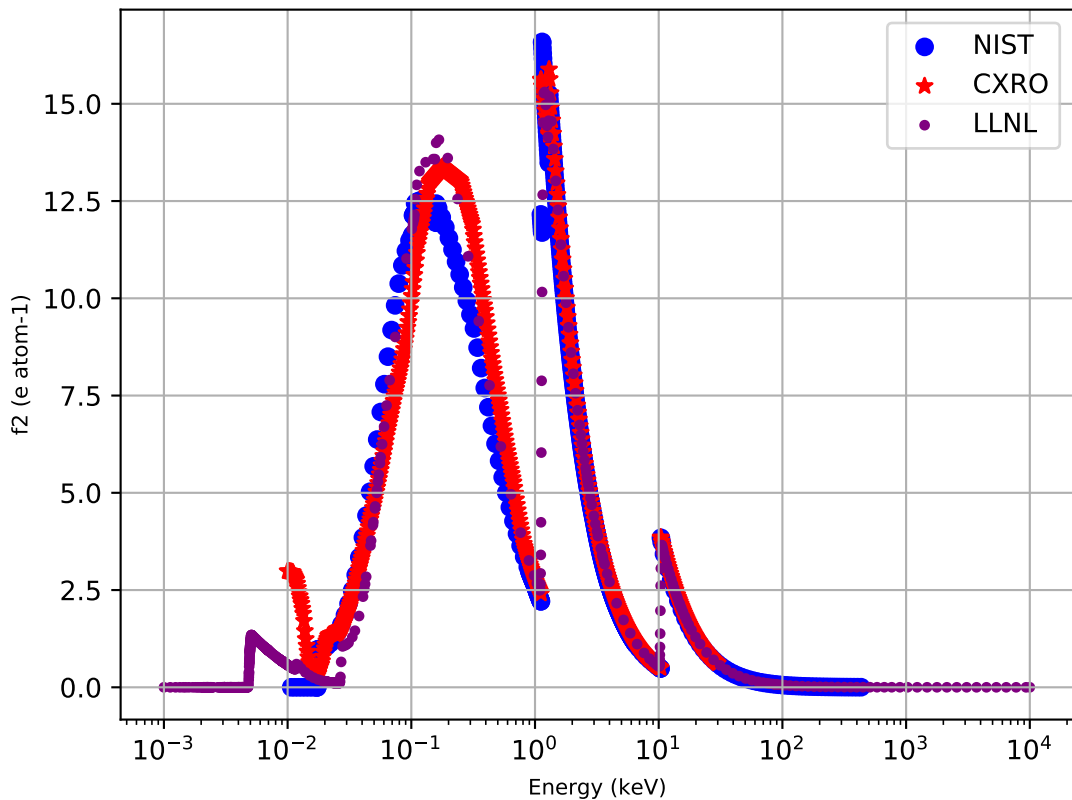
f2 for Zn, Z = 30



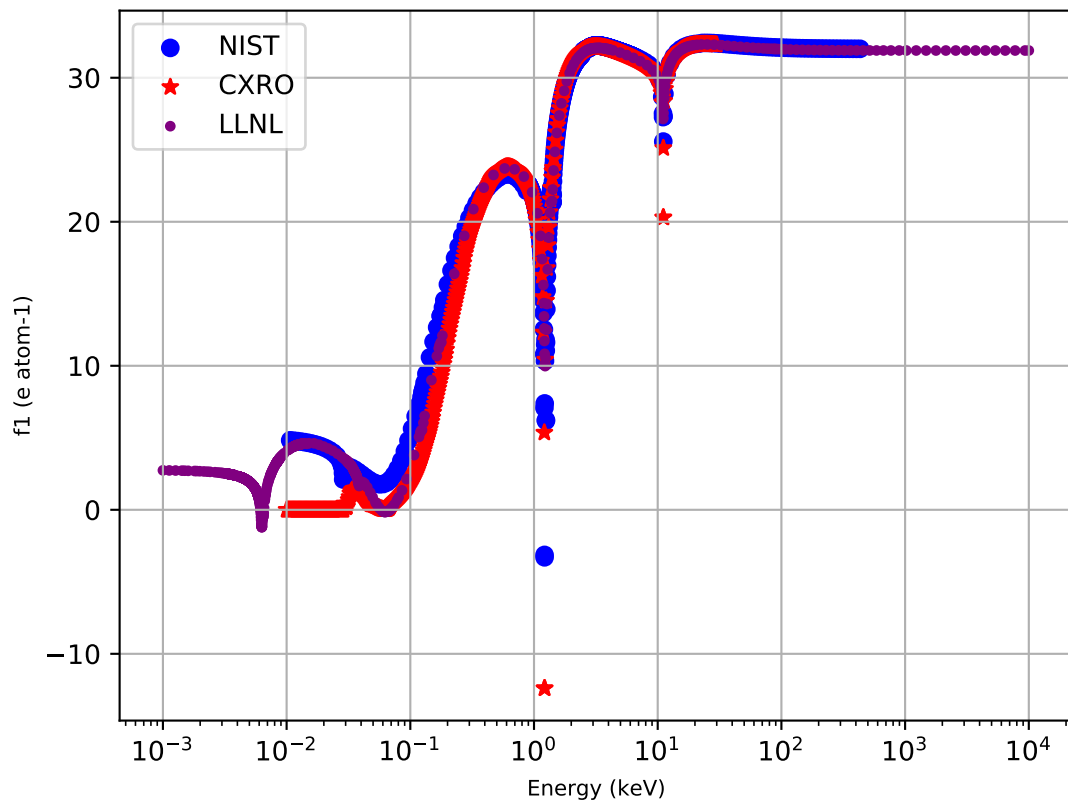
f1 for Ga, Z = 31



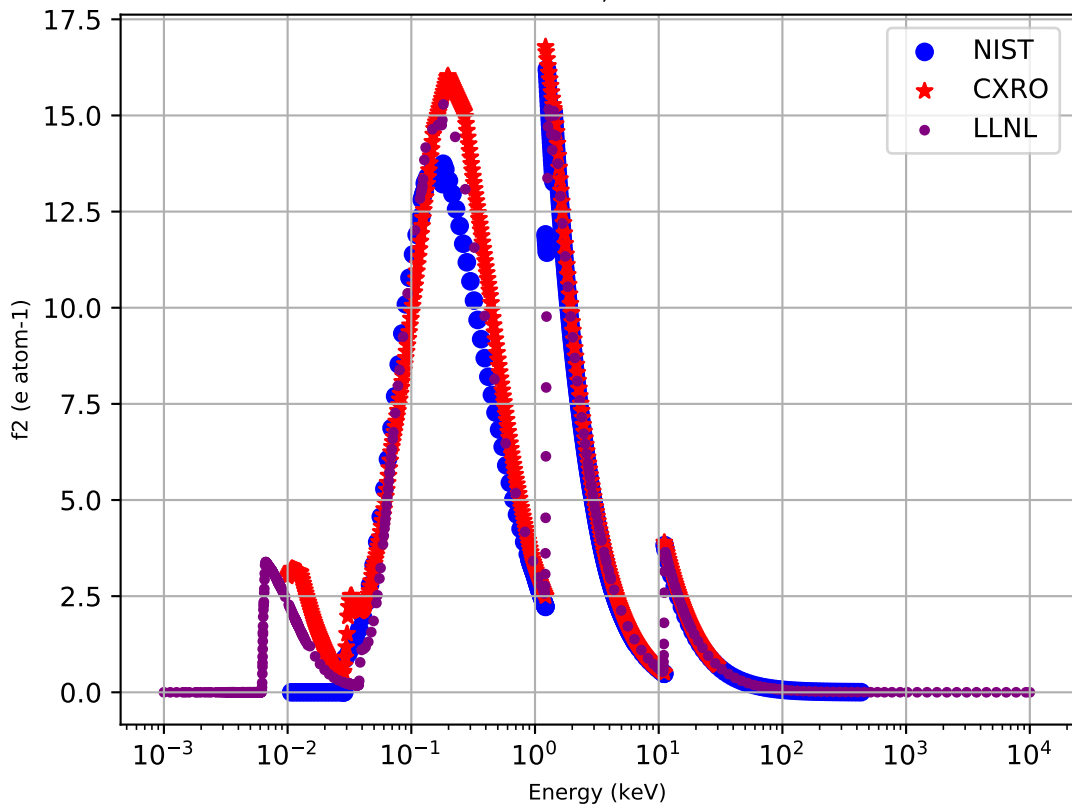
f2 for Ga, Z = 31



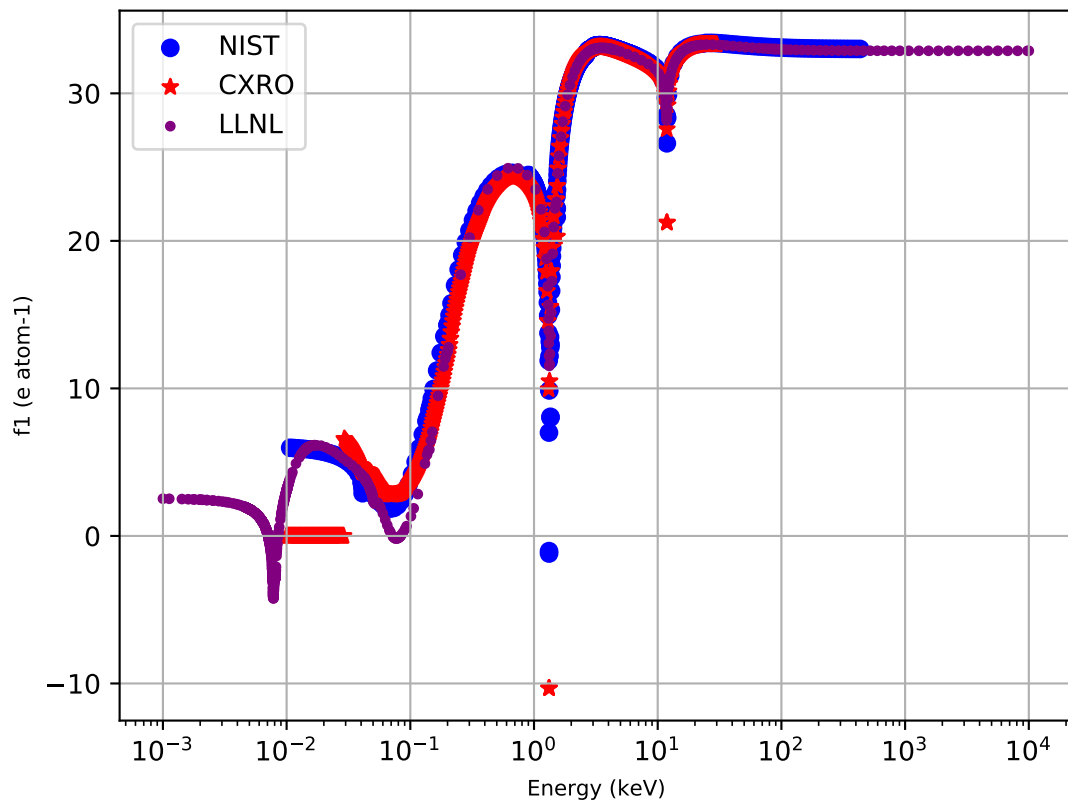
f1 for Ge, Z = 32



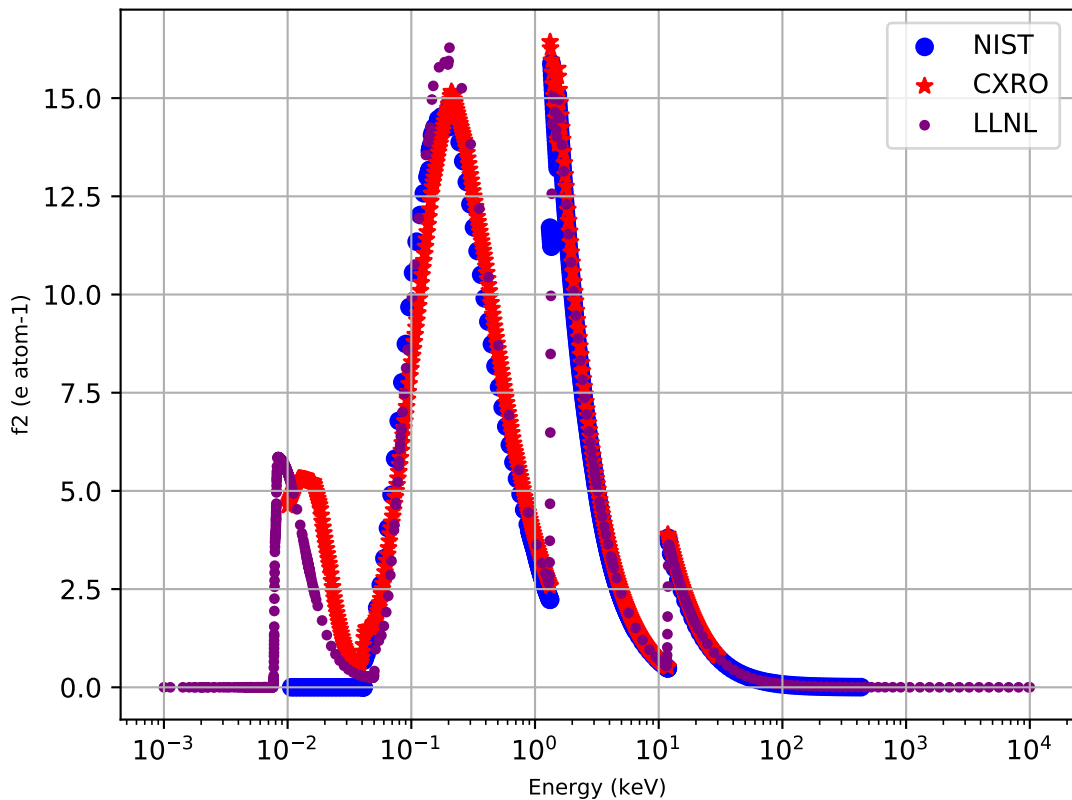
f2 for Ge, Z = 32



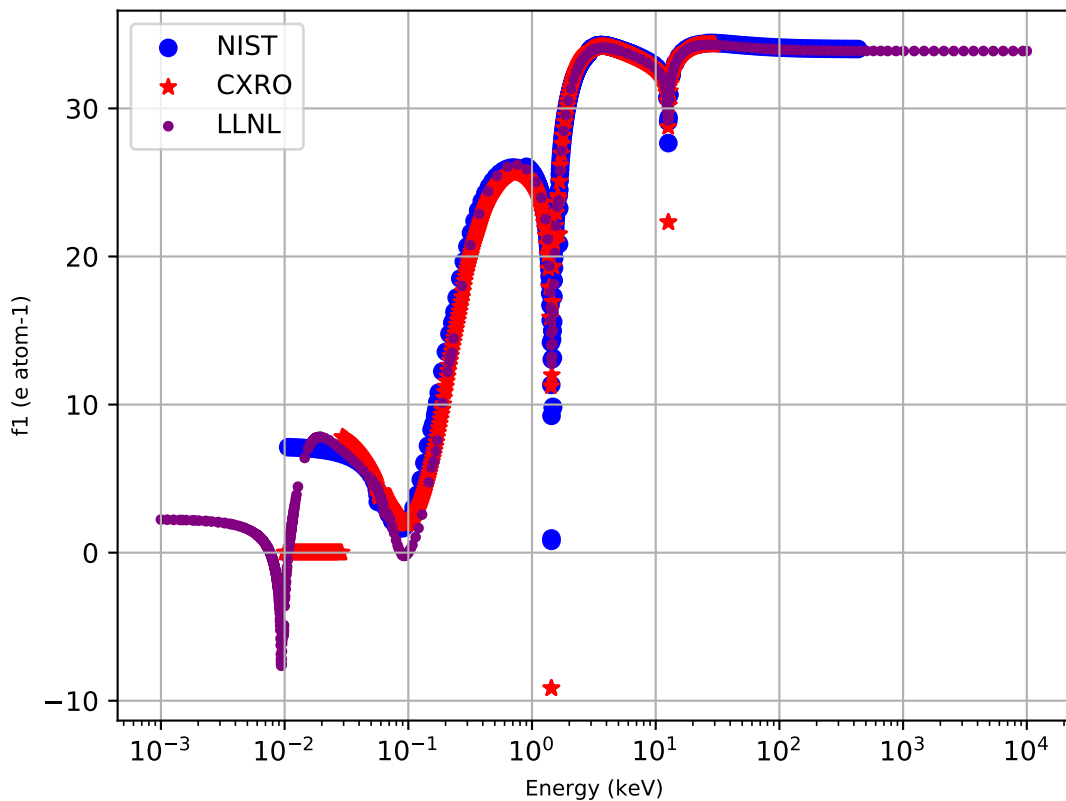
f1 for As, Z = 33



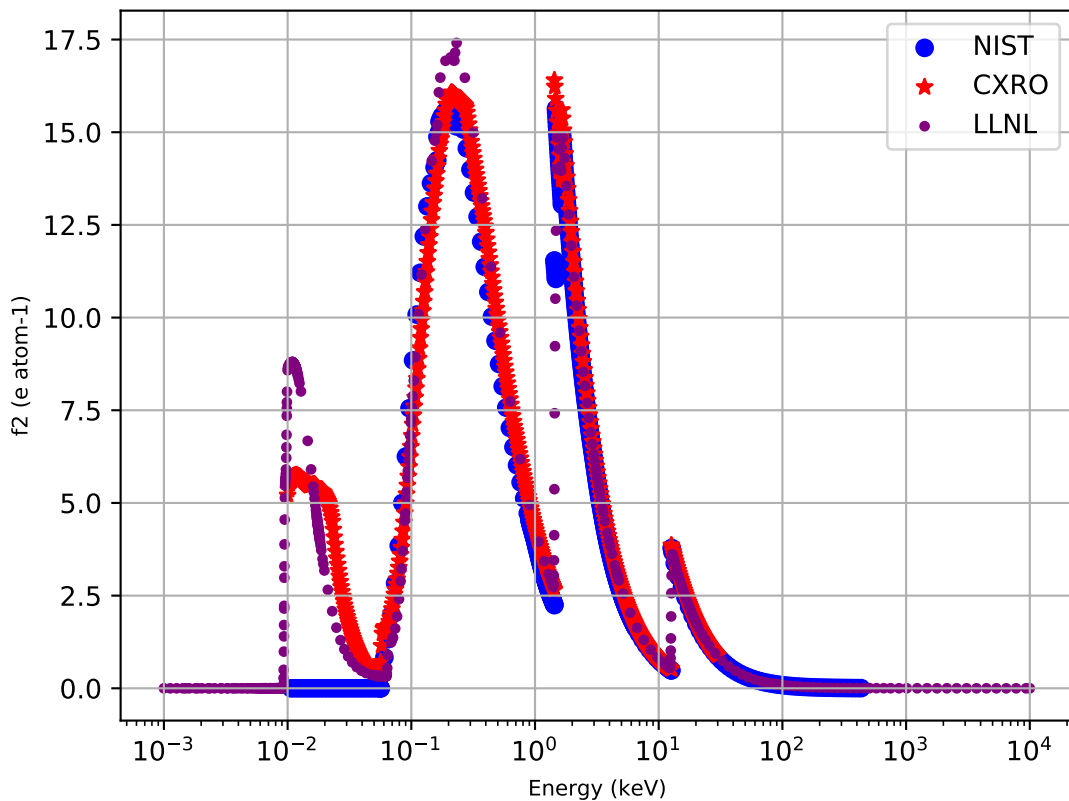
f2 for As, $Z = 33$



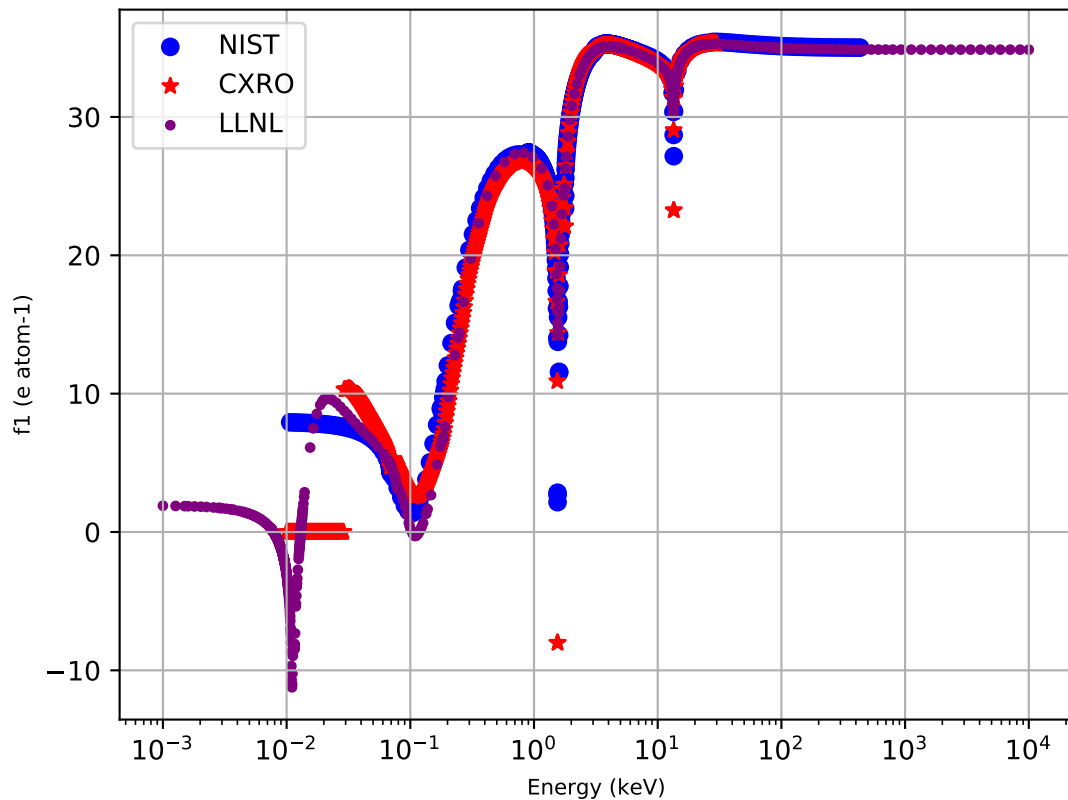
f1 for Se, $Z = 34$



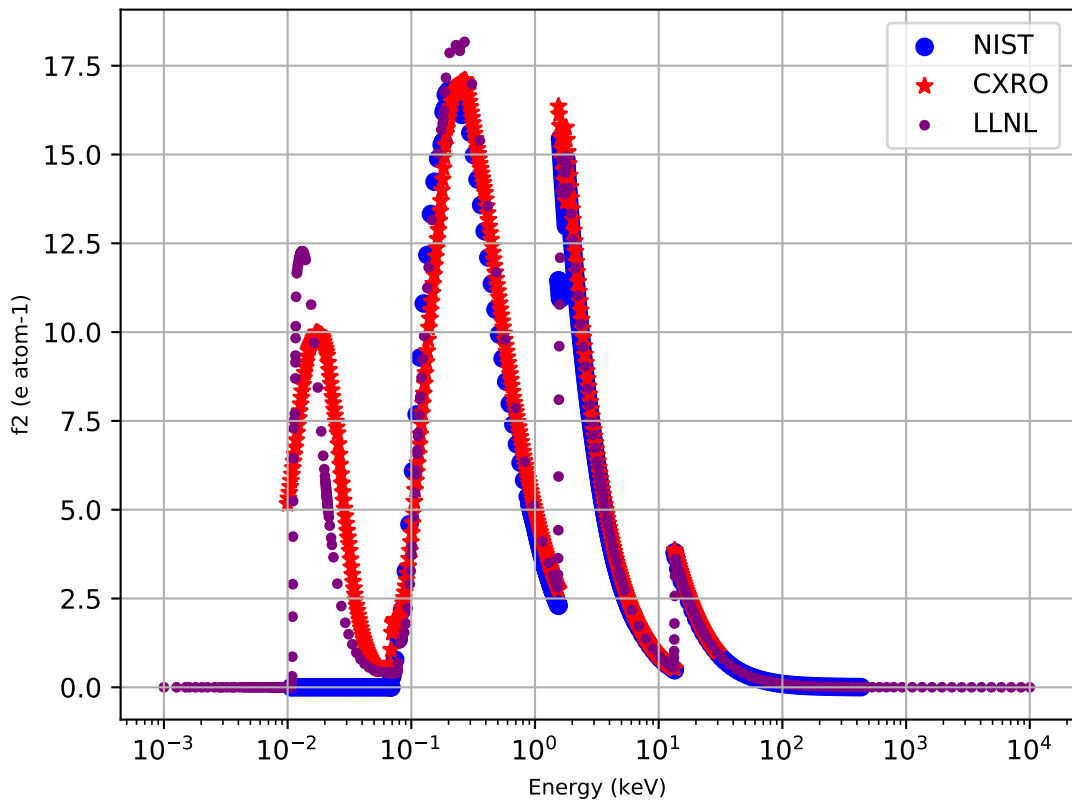
f2 for Se, Z = 34



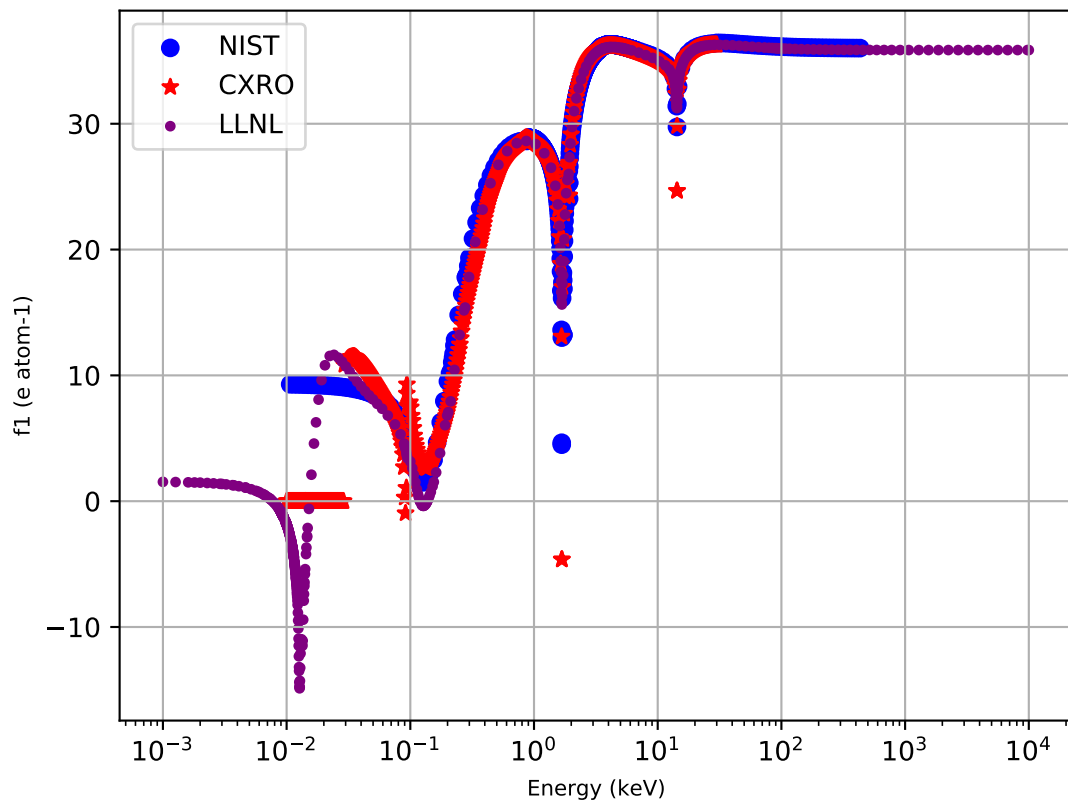
f1 for Br, Z = 35



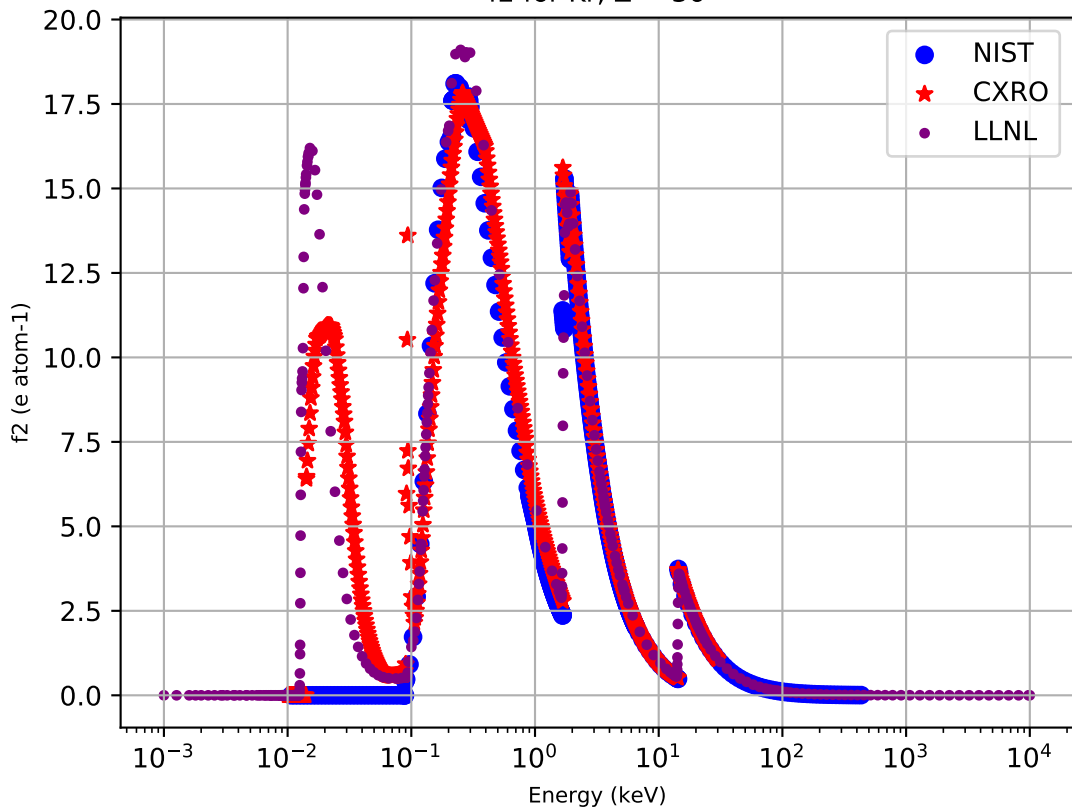
f2 for Br, Z = 35



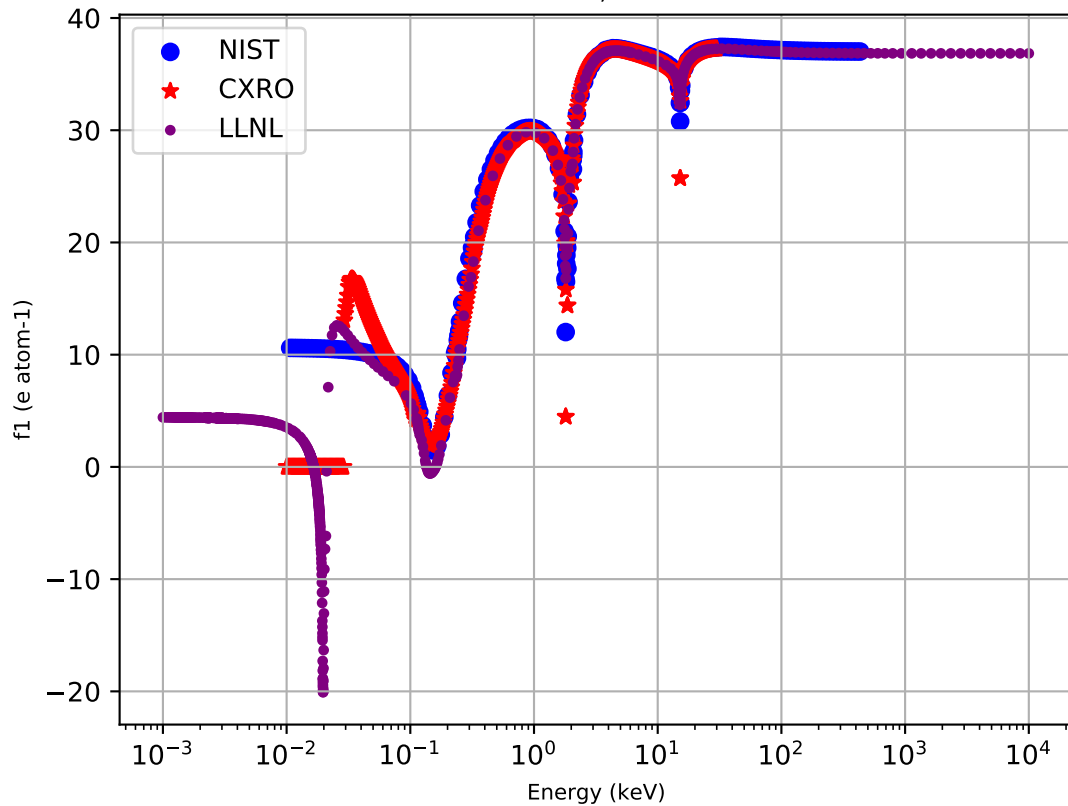
f1 for Kr, $Z = 36$



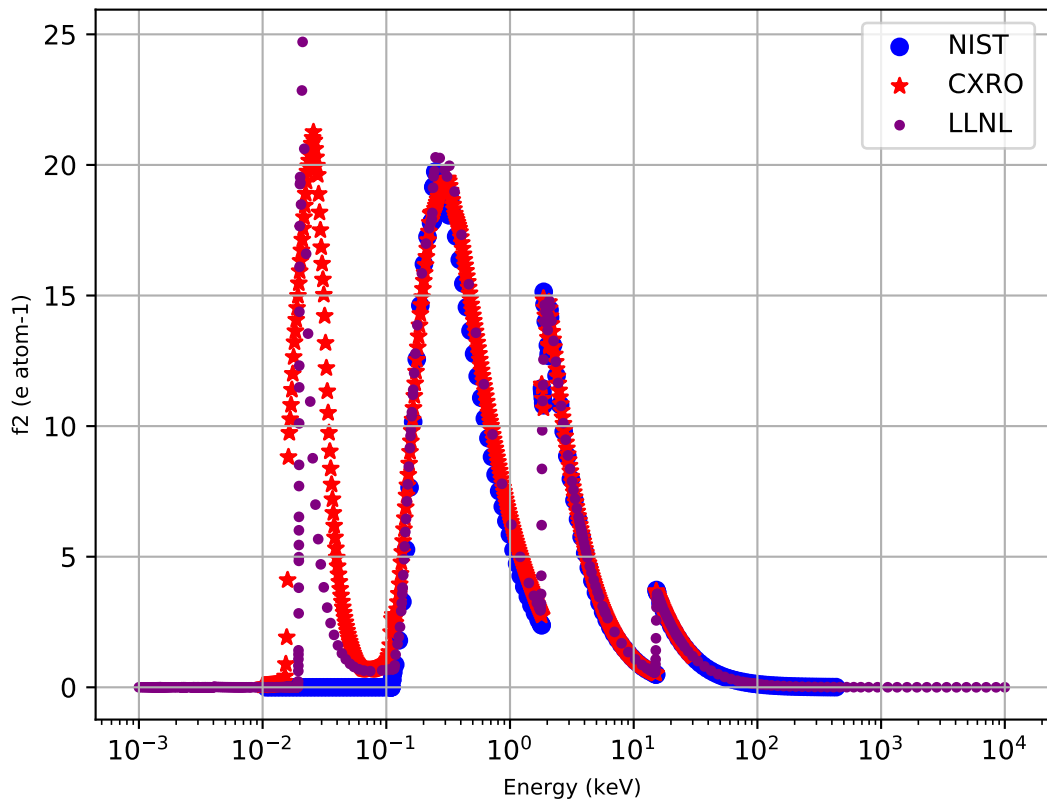
f2 for Kr, Z = 36



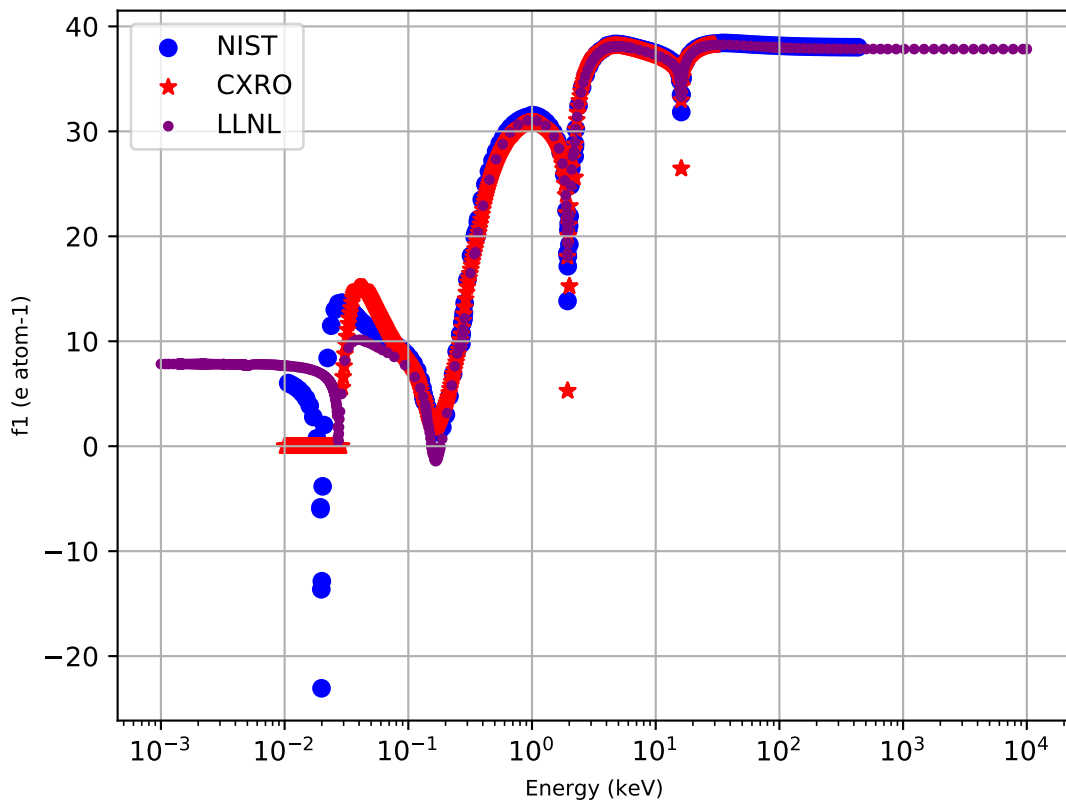
f1 for Rb, $Z = 37$



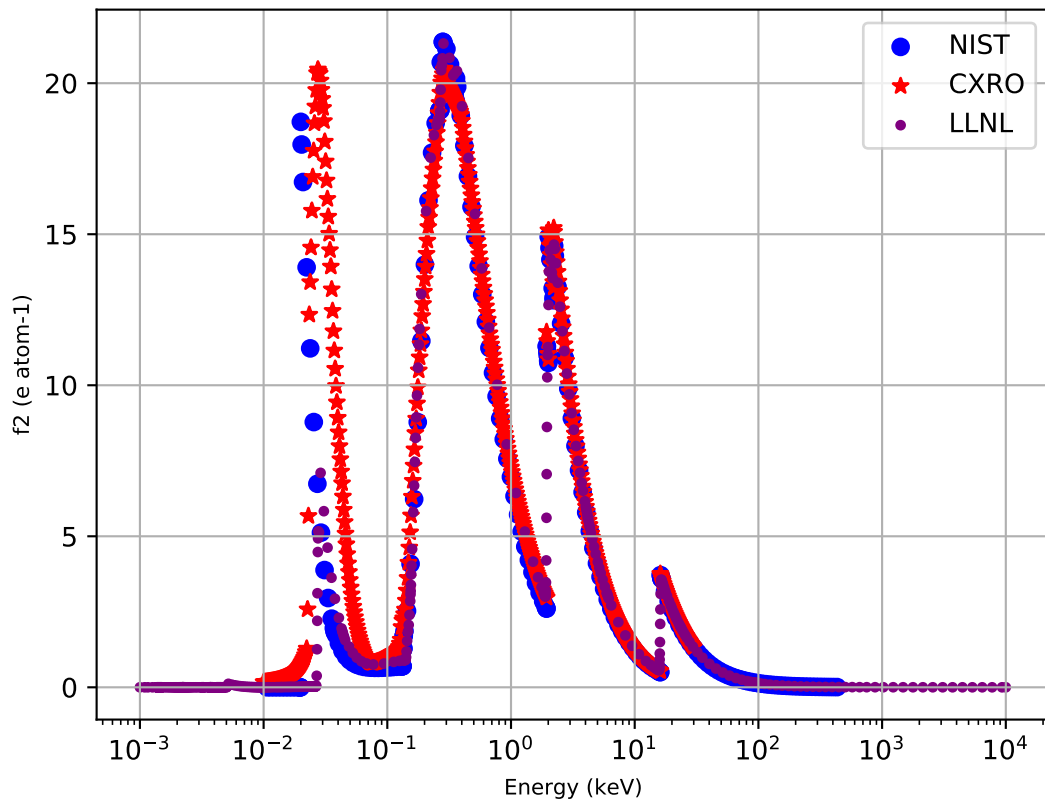
f2 for Rb, Z = 37



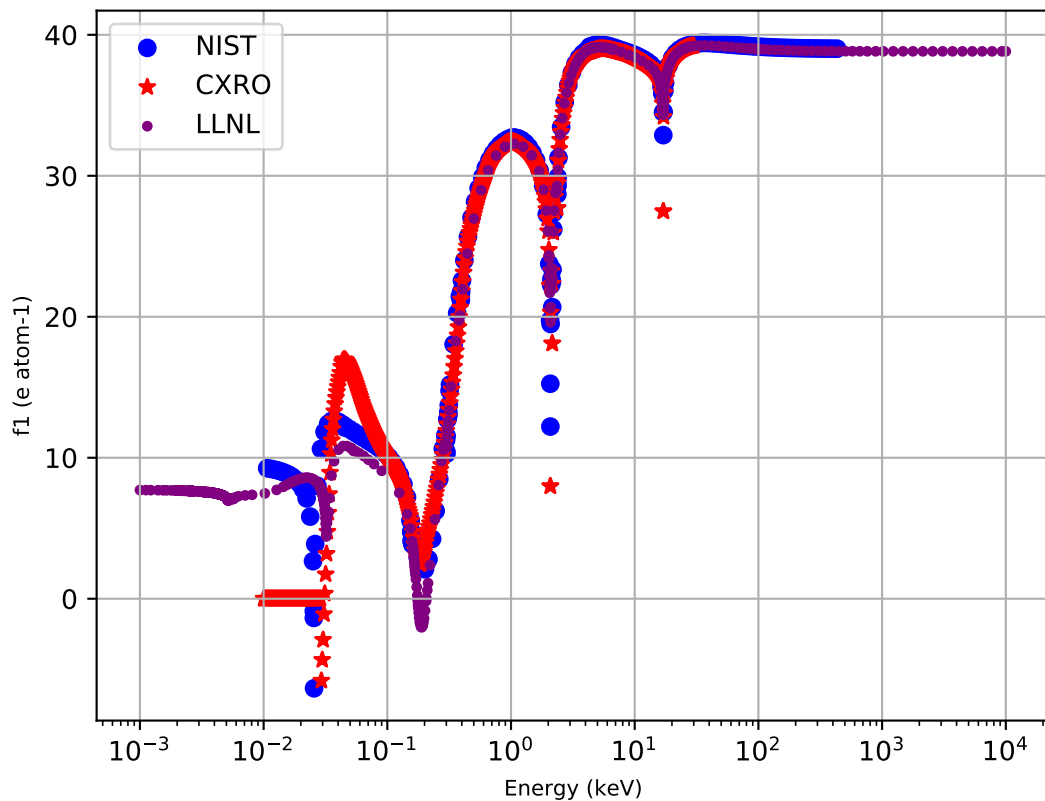
f1 for Sr, Z = 38



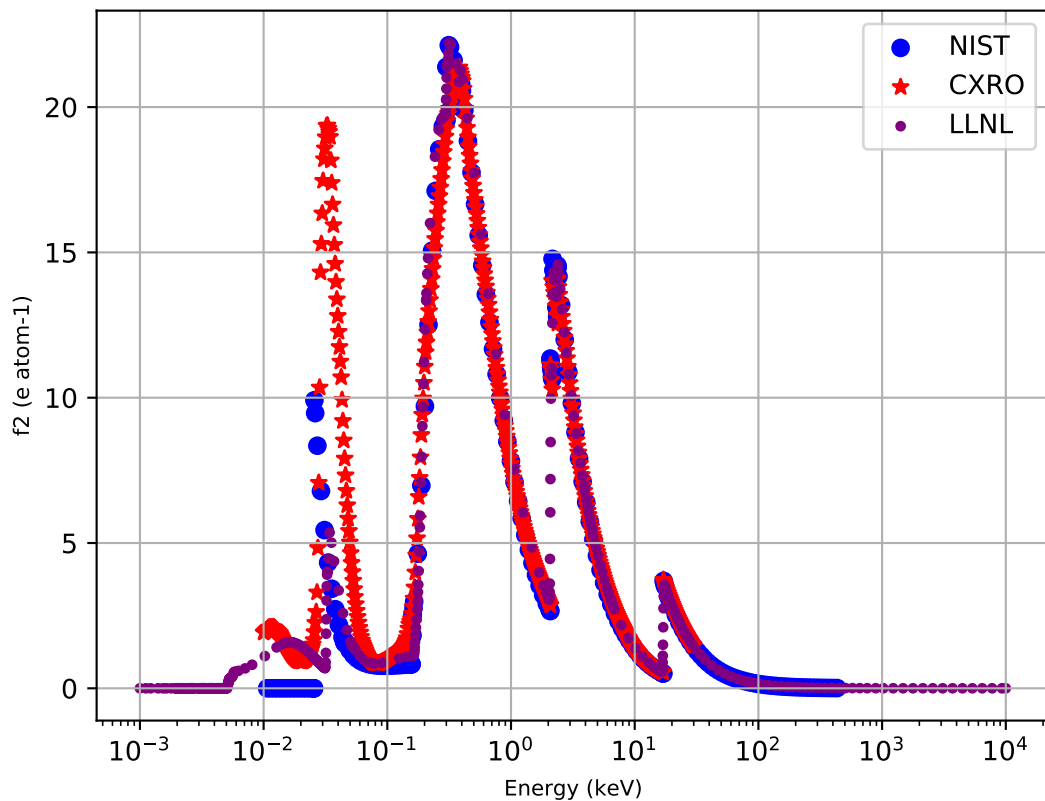
f2 for Sr, Z = 38



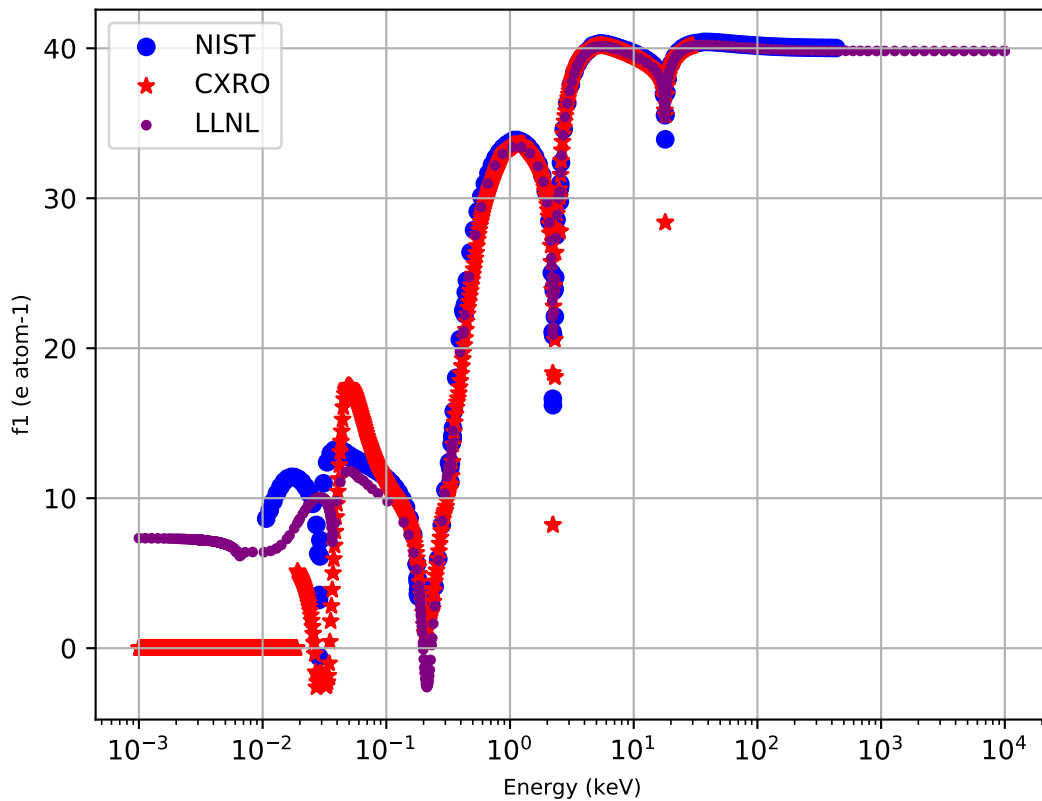
f1 for Y, Z = 39



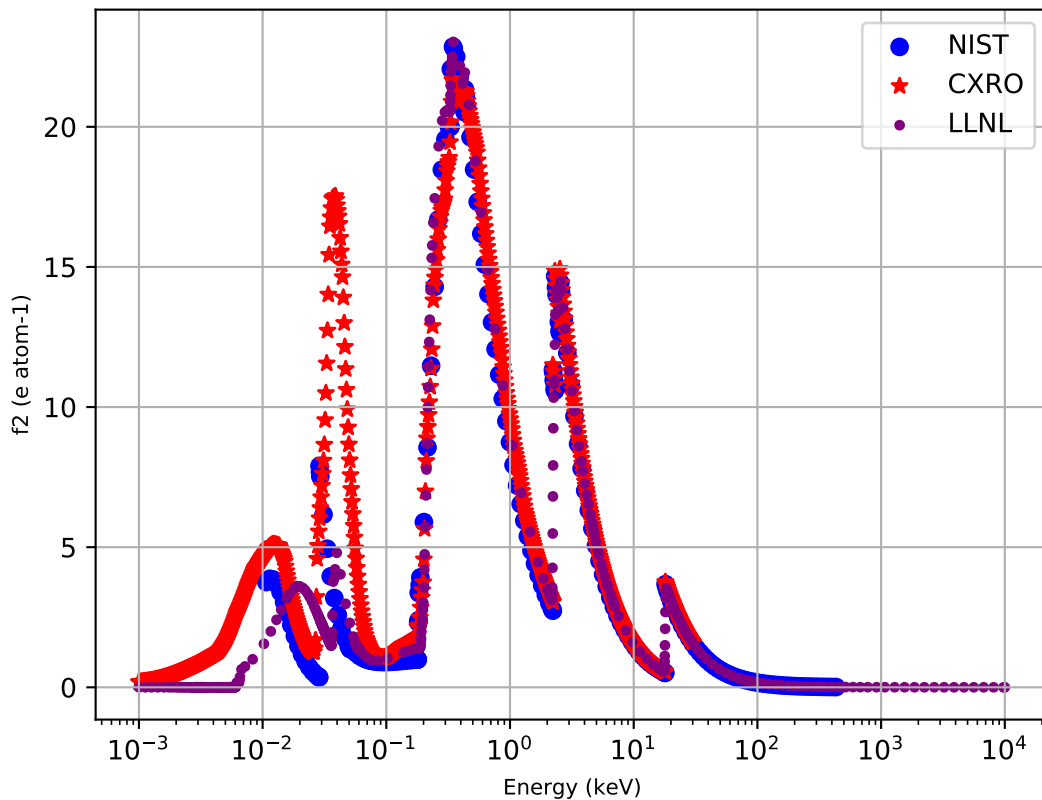
f2 for Y, Z = 39



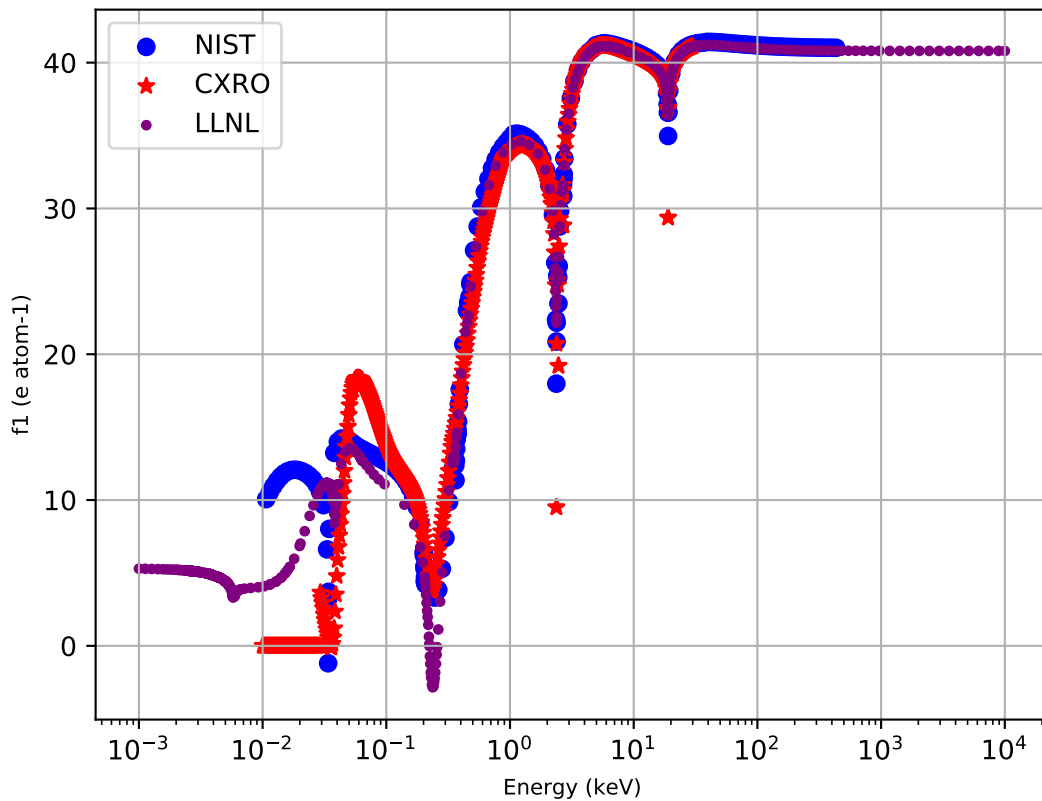
f1 for Zr, Z = 40



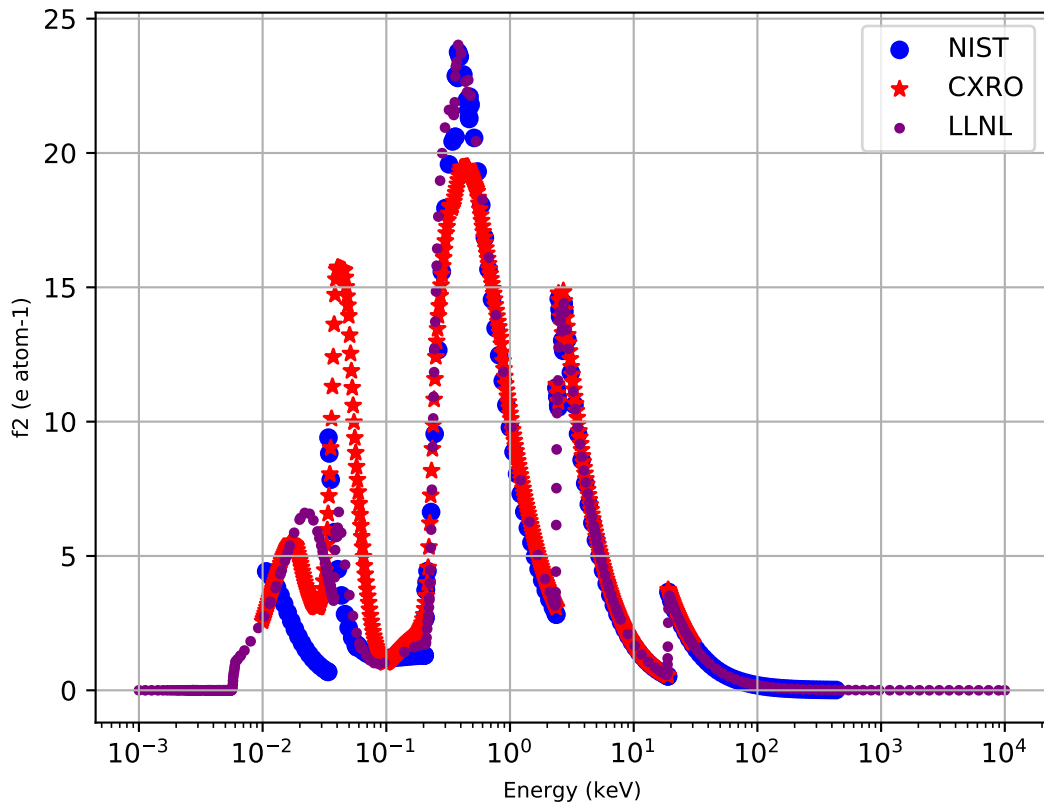
f2 for Zr, Z = 40



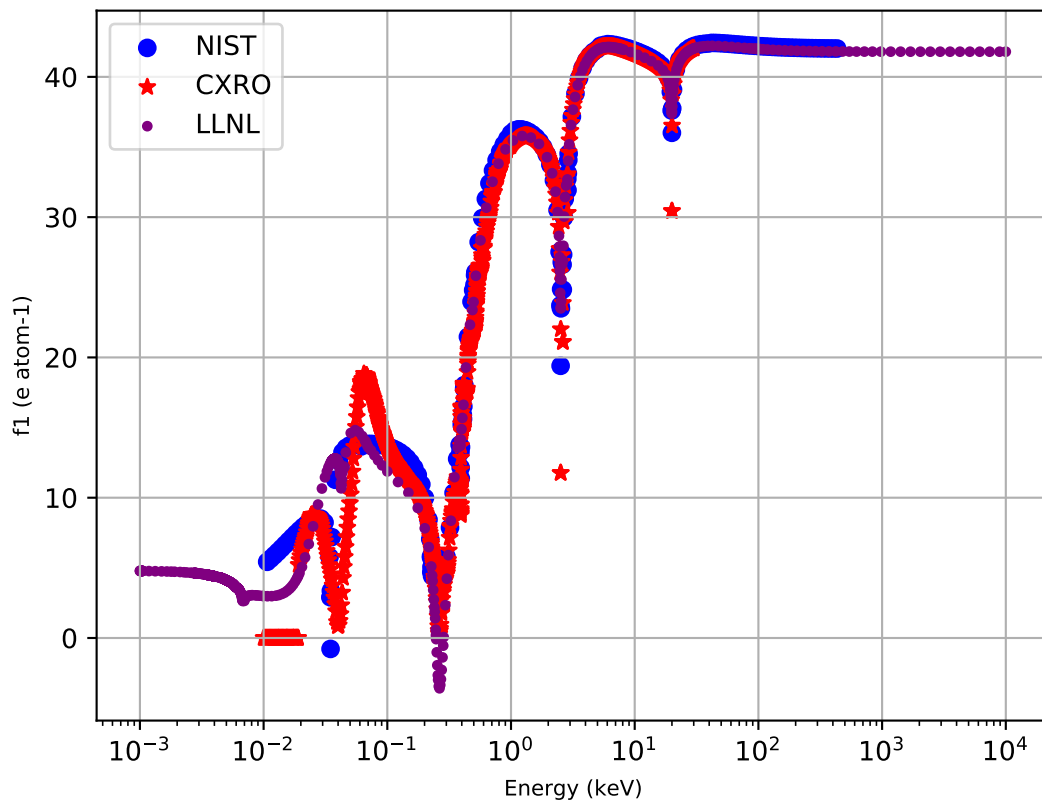
f1 for Nb, Z = 41



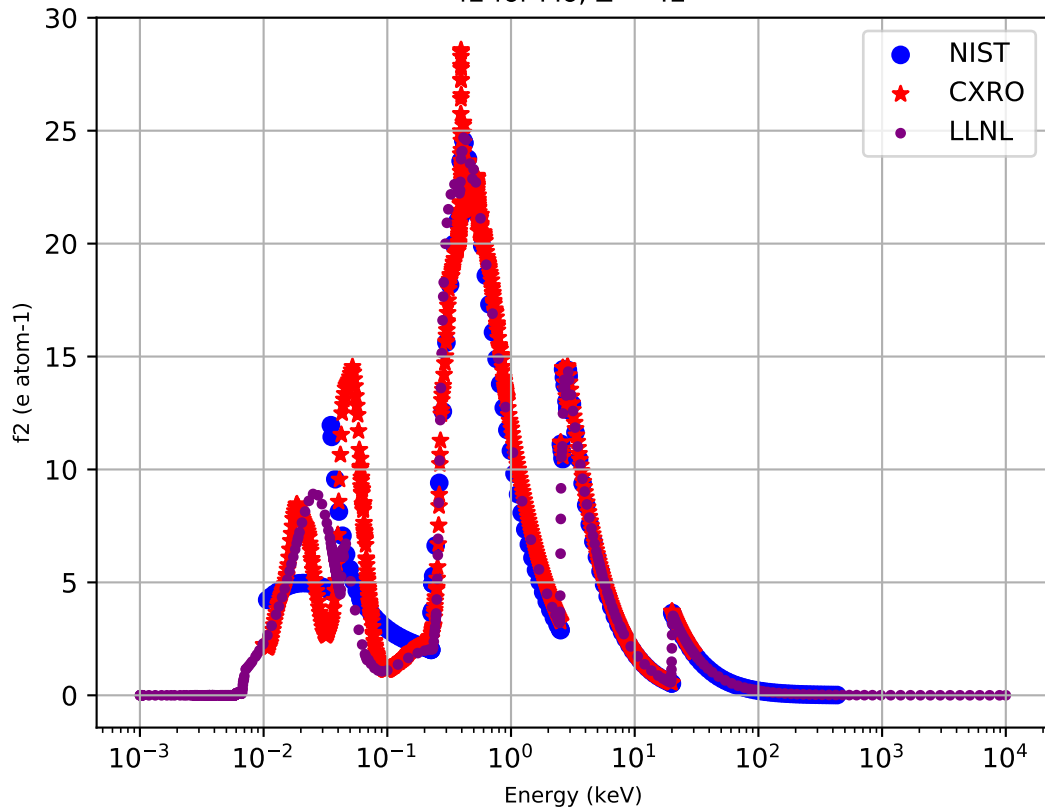
f2 for Nb, Z = 41



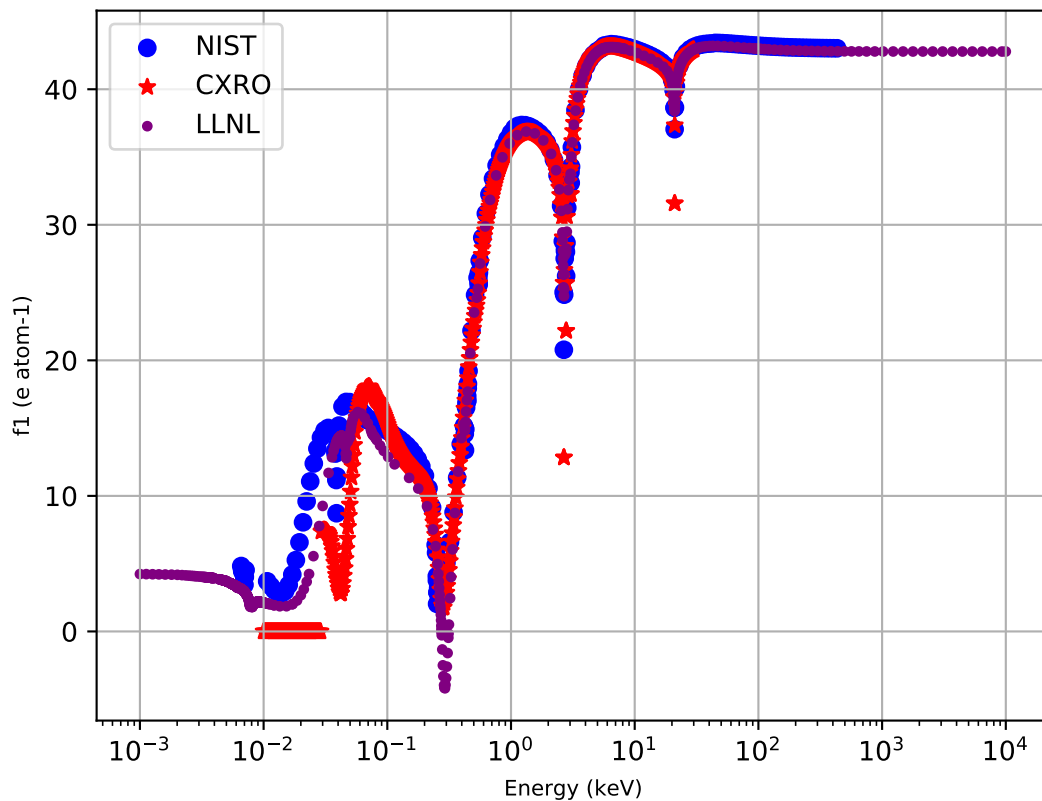
f1 for Mo, Z = 42



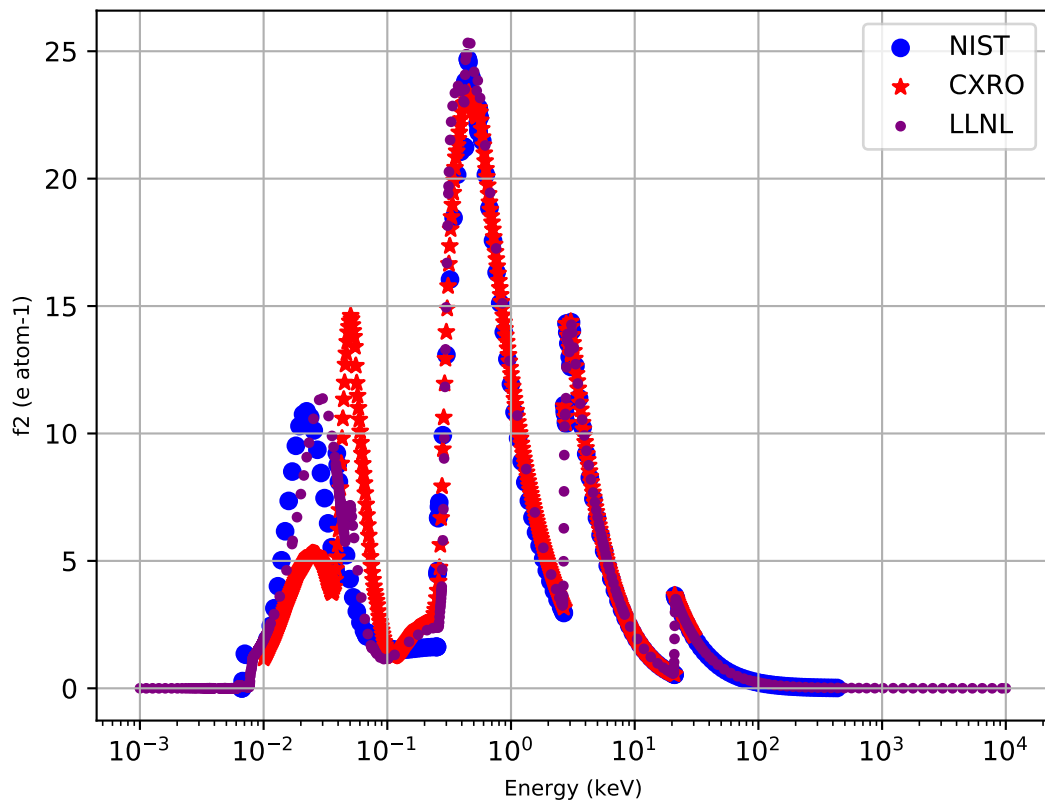
f2 for Mo, Z = 42



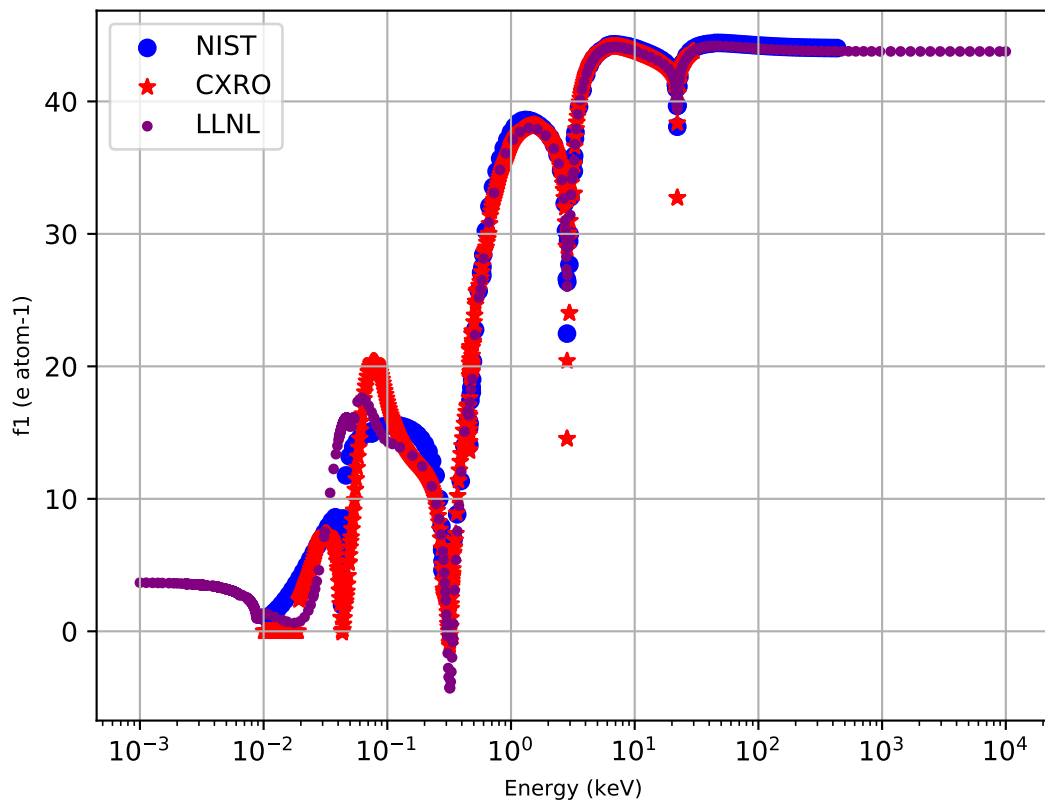
f1 for Tc, Z = 43



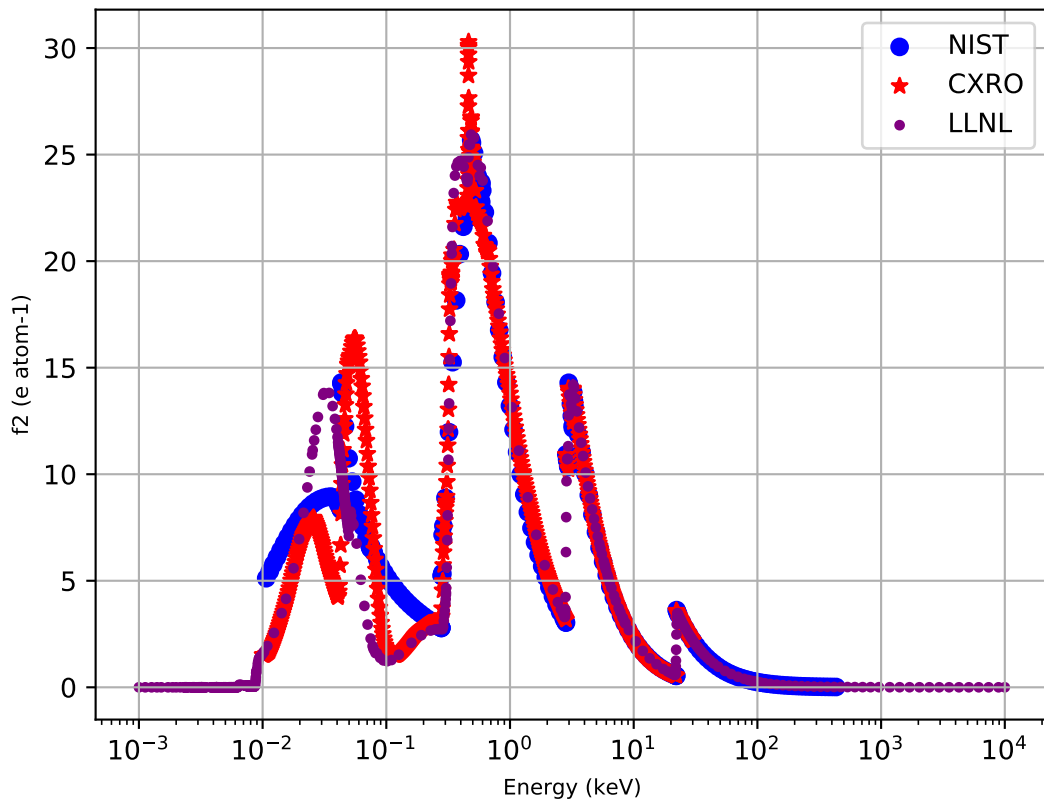
f2 for Tc, Z = 43



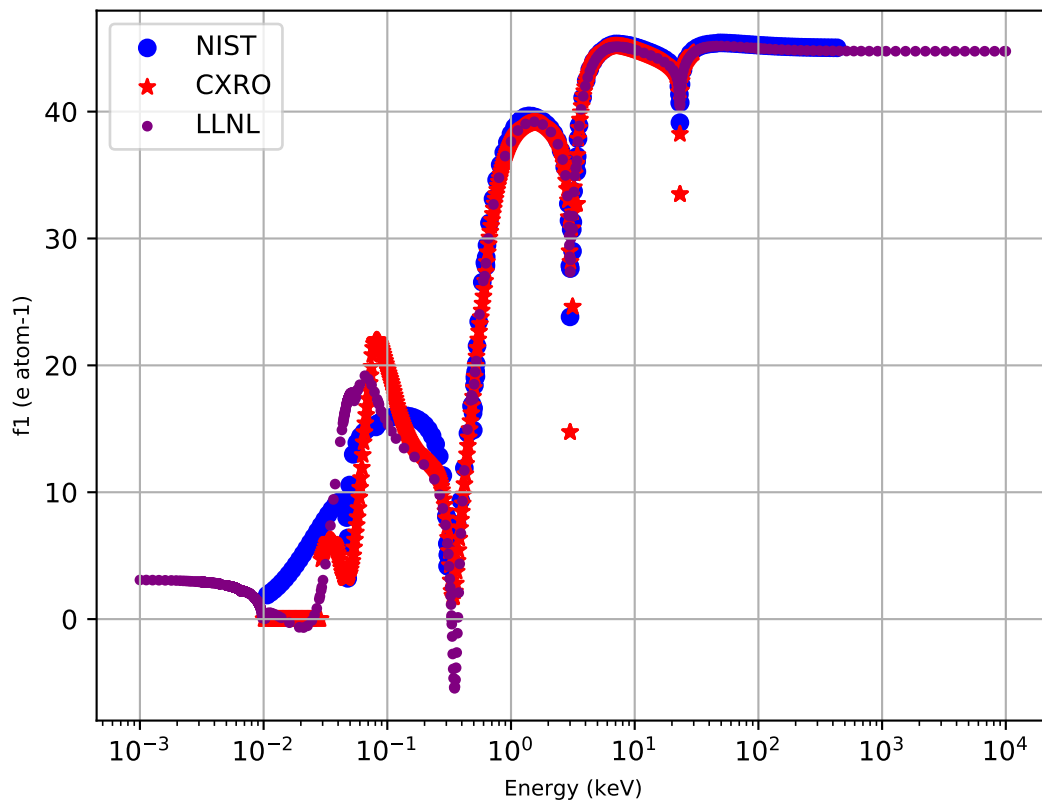
f1 for Ru, Z = 44



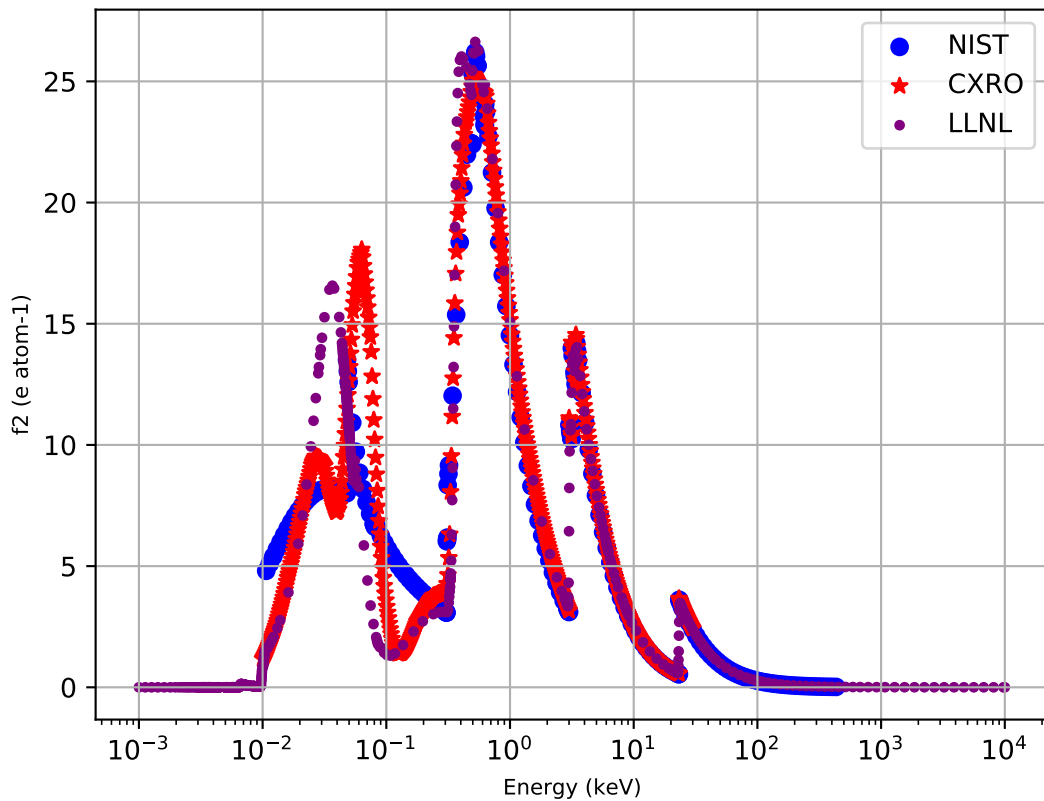
f2 for Ru, Z = 44



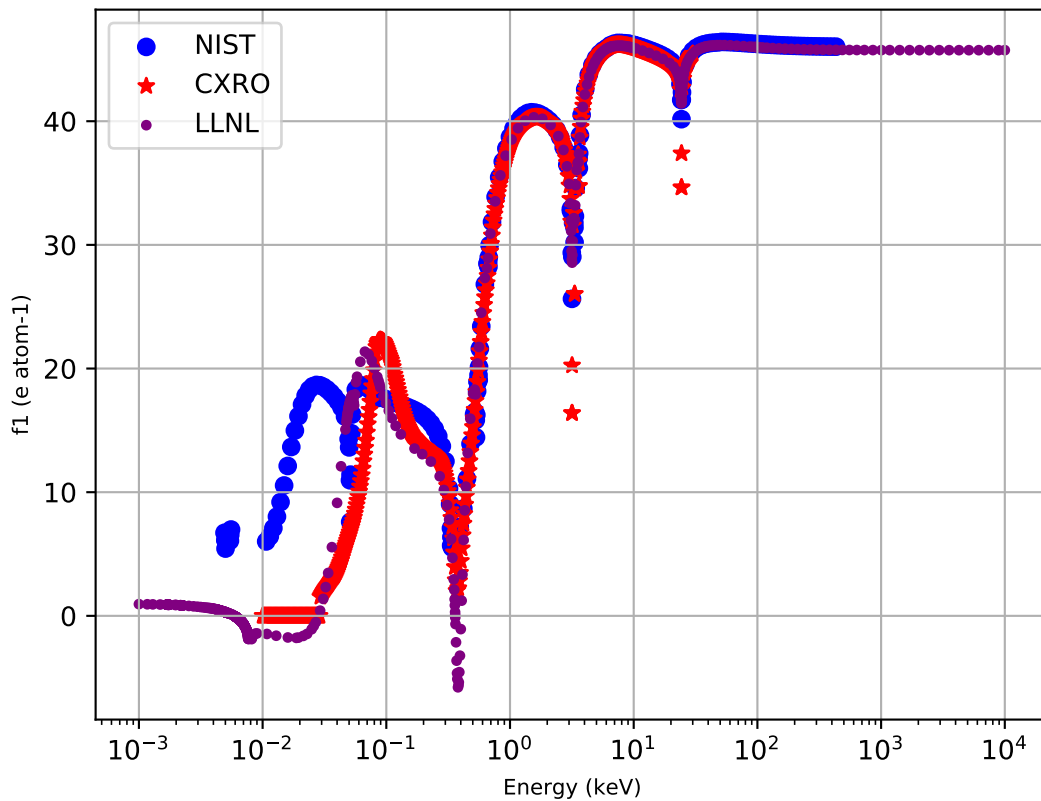
f1 for Rh, $Z = 45$



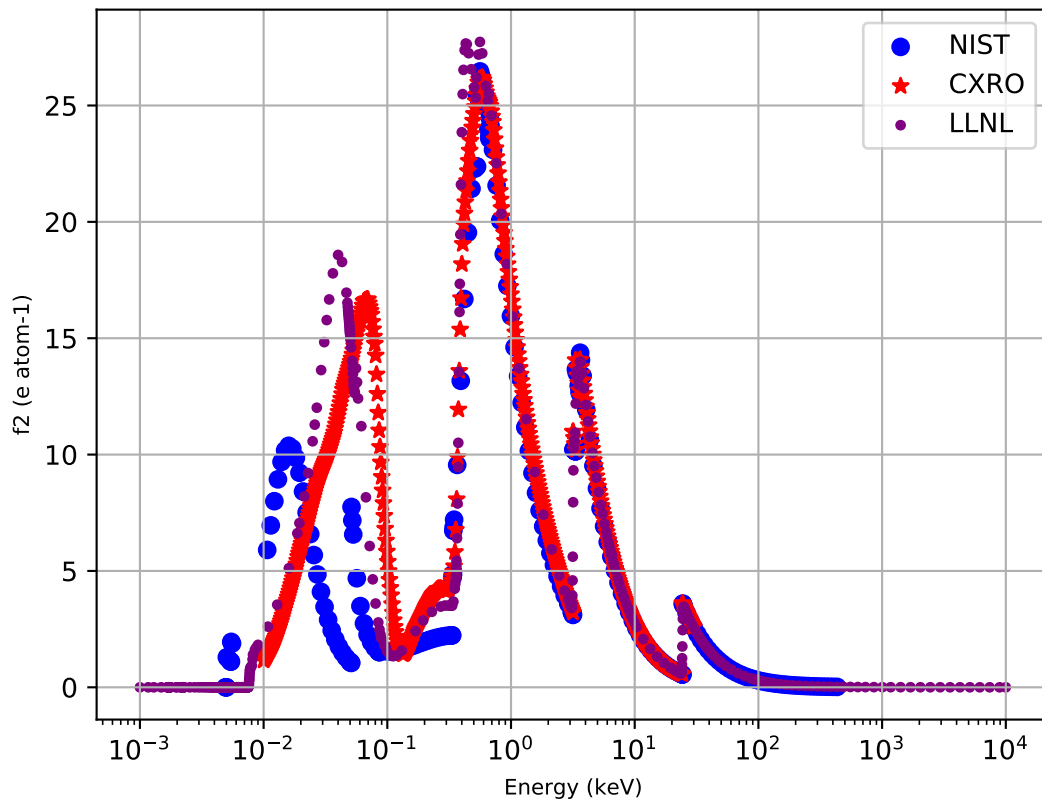
f2 for Rh, Z = 45



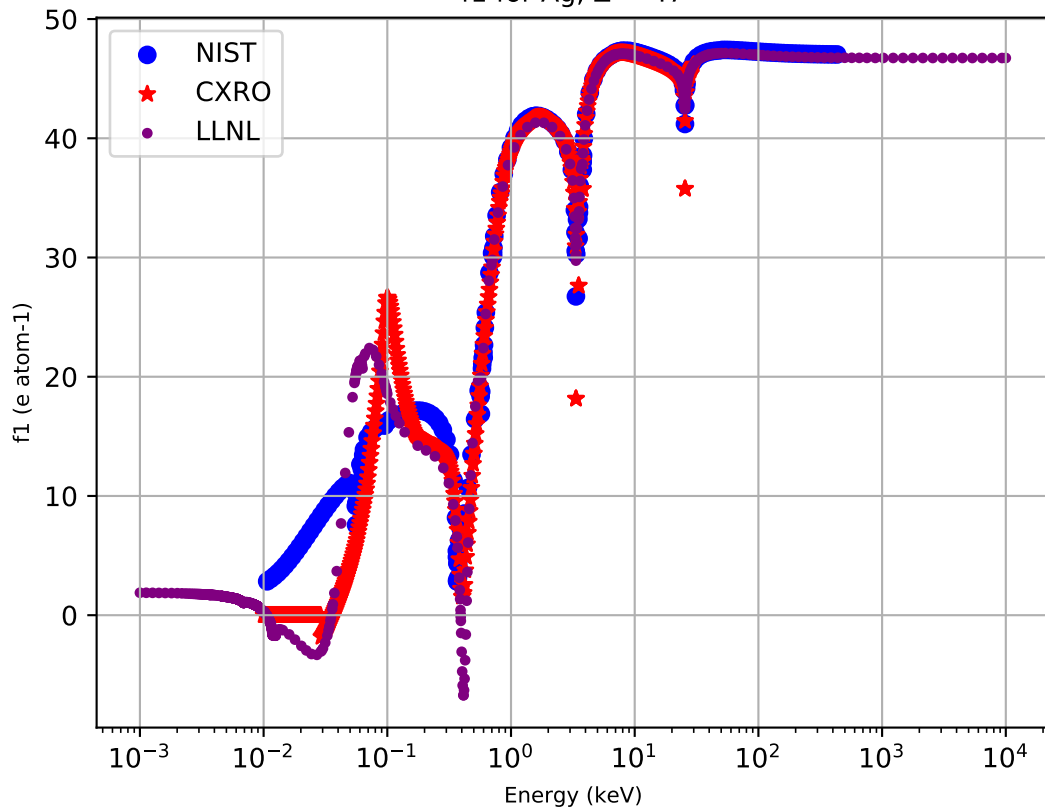
f1 for Pd, Z = 46



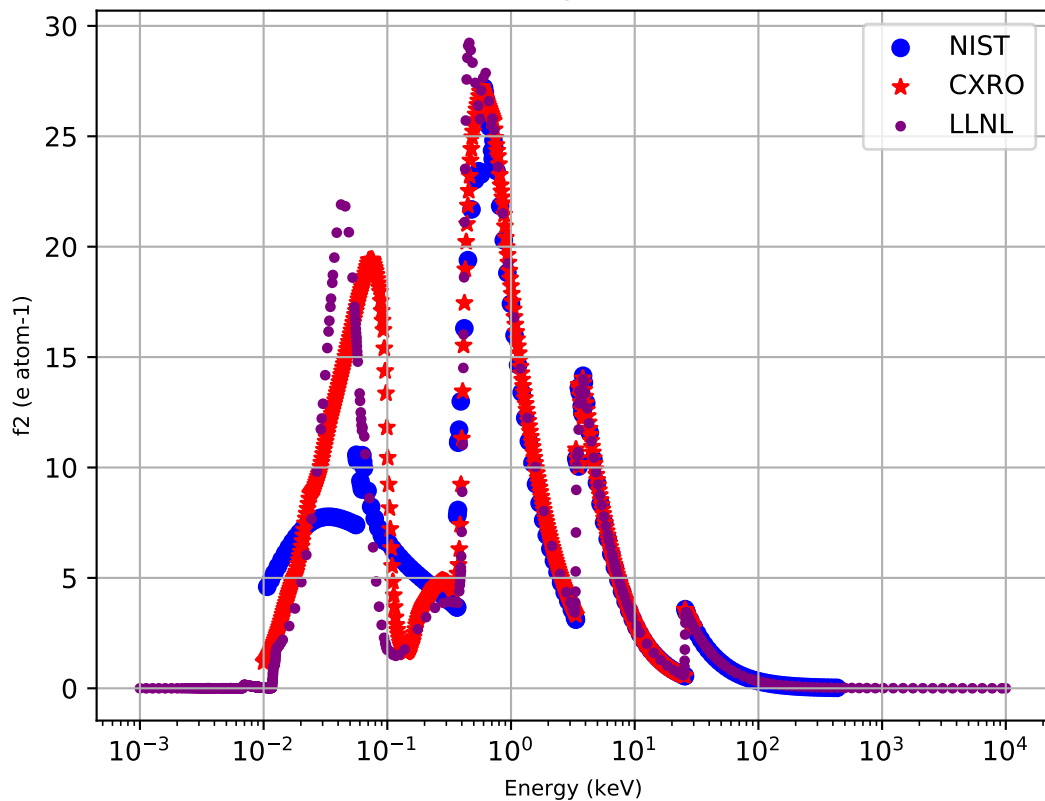
f2 for Pd, Z = 46



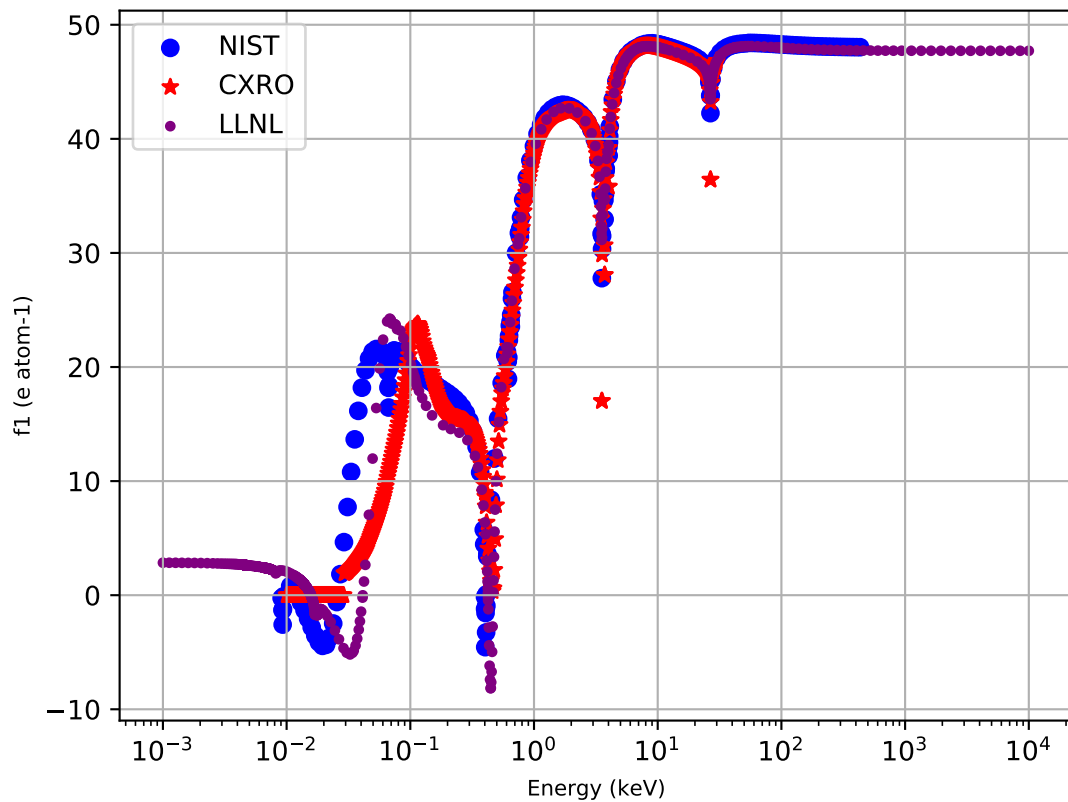
f1 for Ag, Z = 47



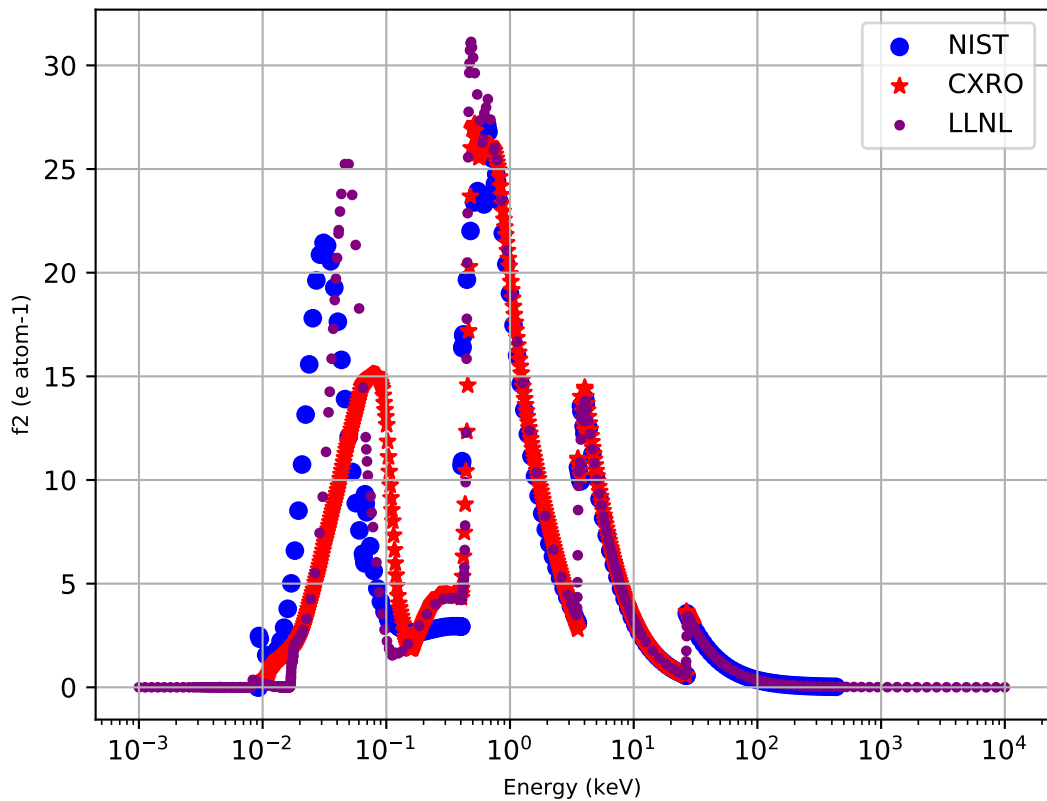
f2 for Ag, Z = 47



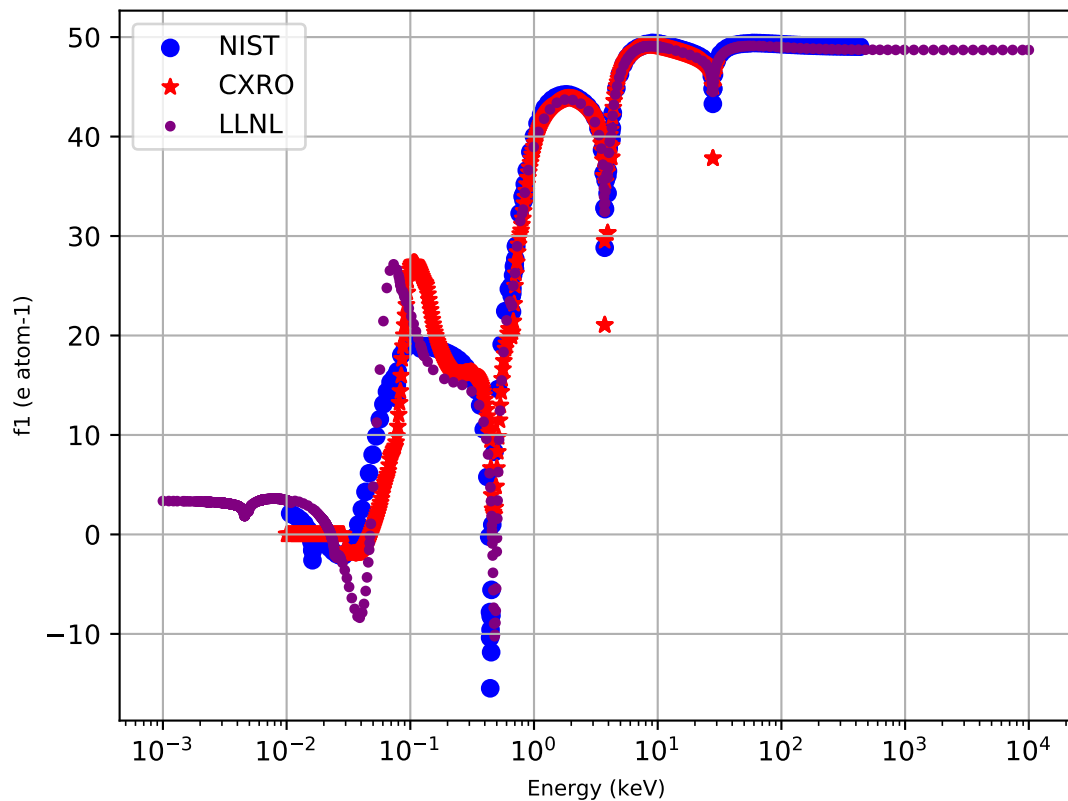
f1 for Cd, Z = 48



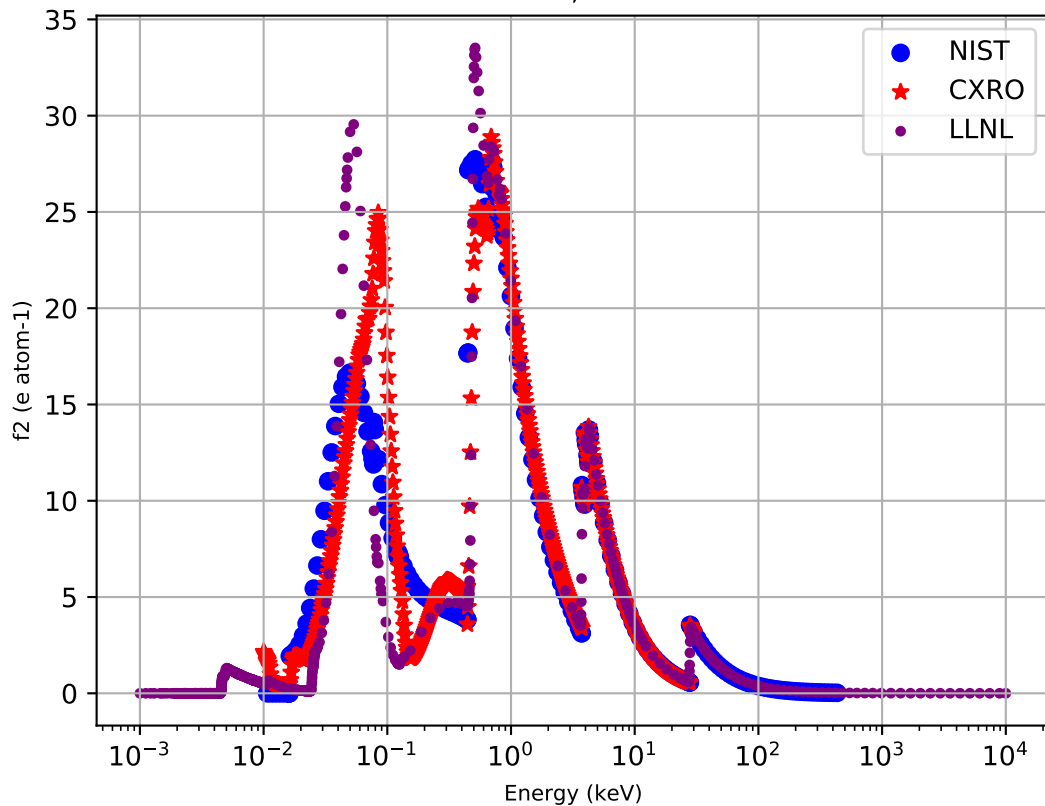
f2 for Cd, Z = 48



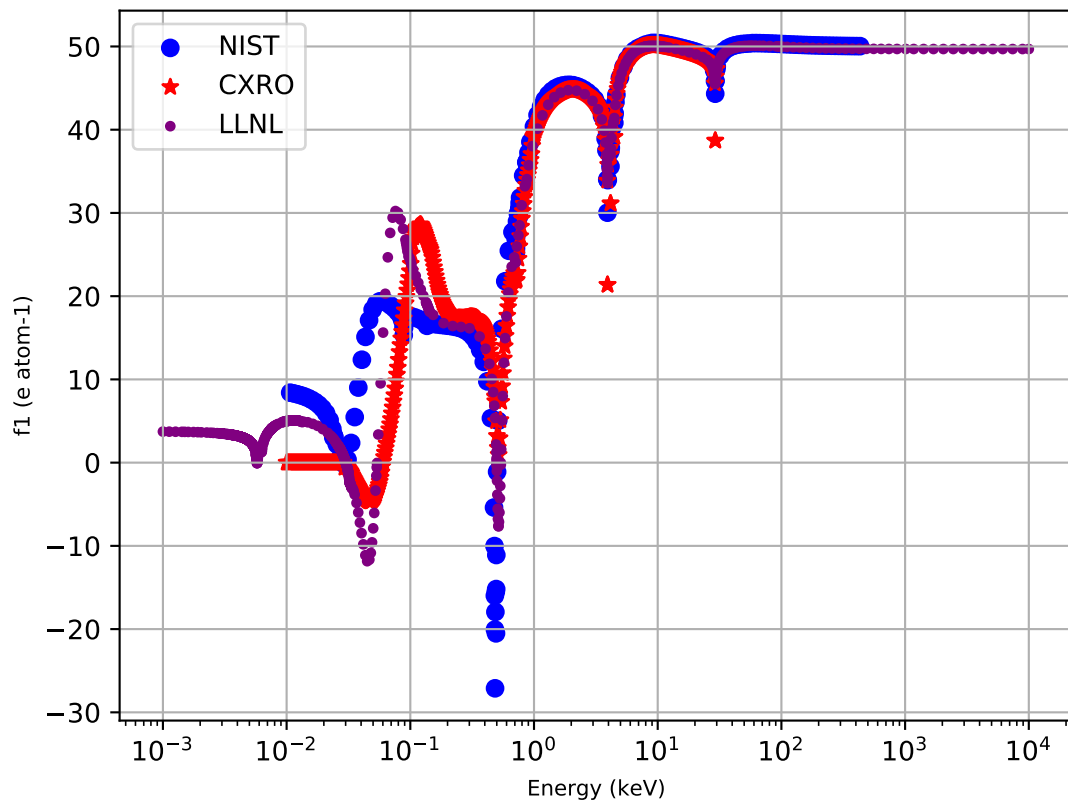
f1 for In, Z = 49



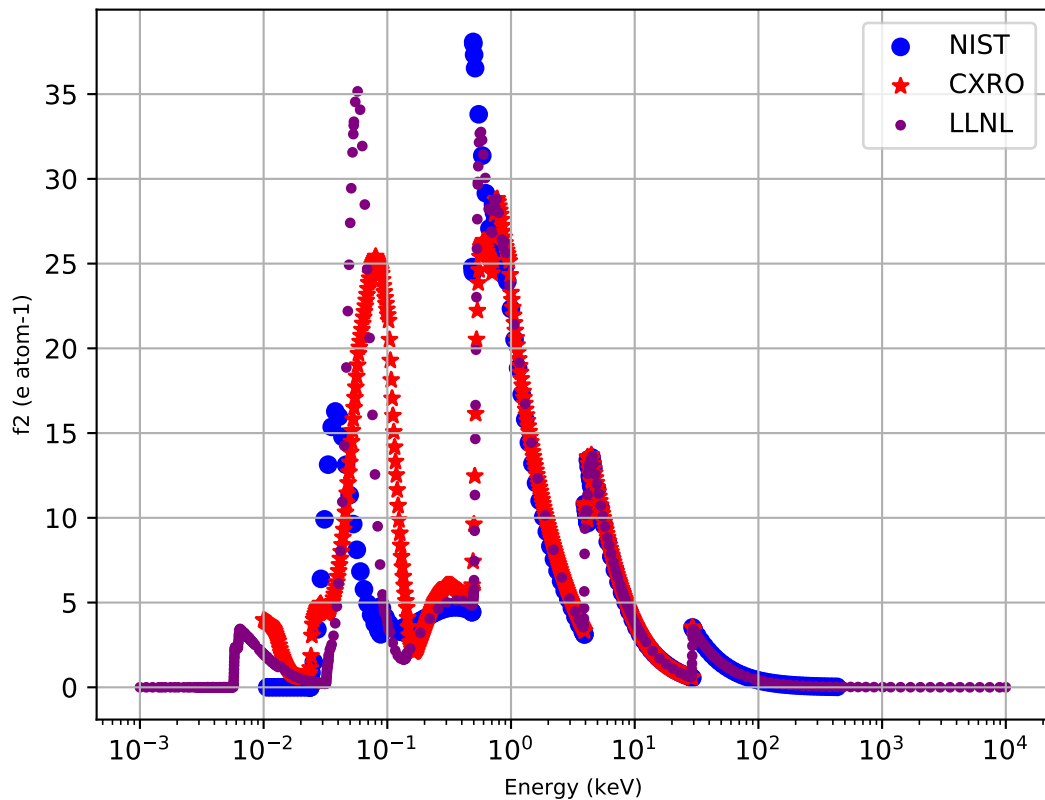
f2 for In, Z = 49



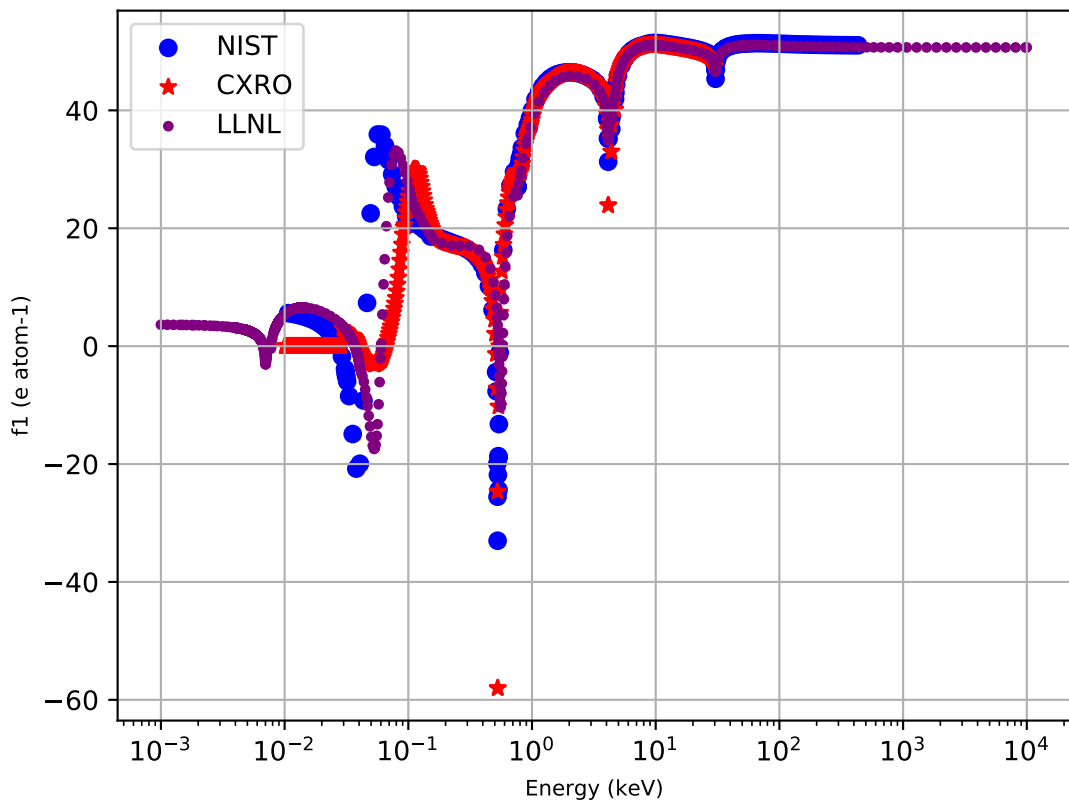
f1 for Sn, Z = 50



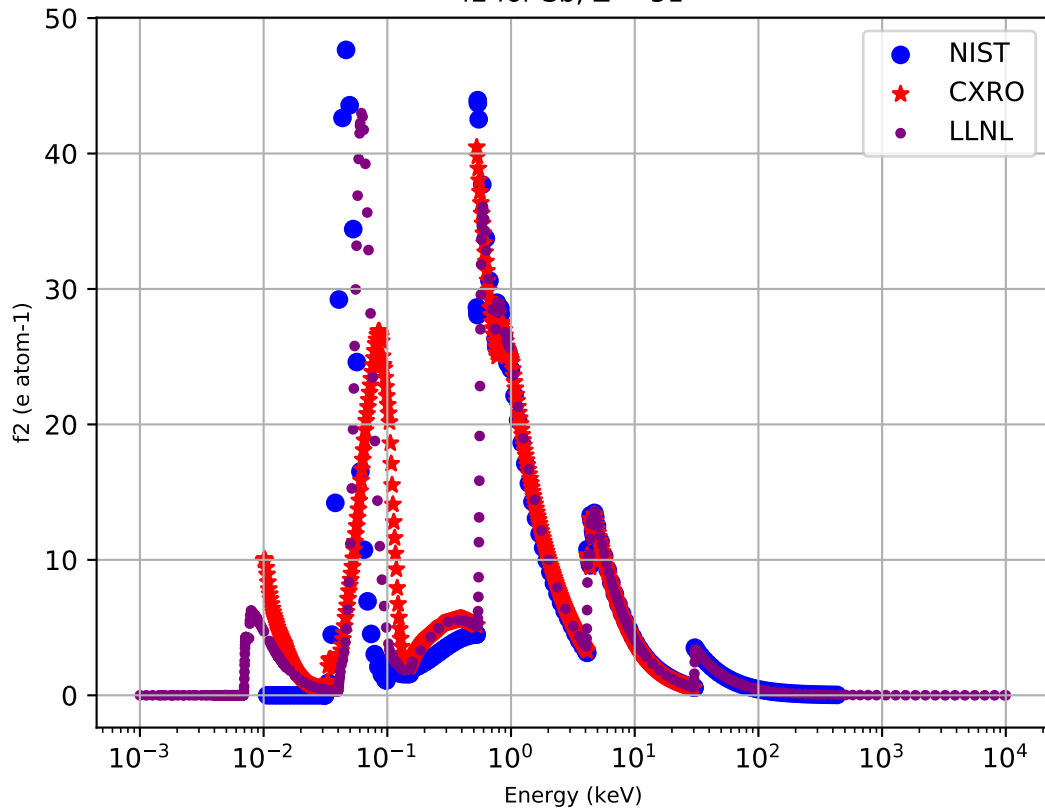
f2 for Sn, Z = 50



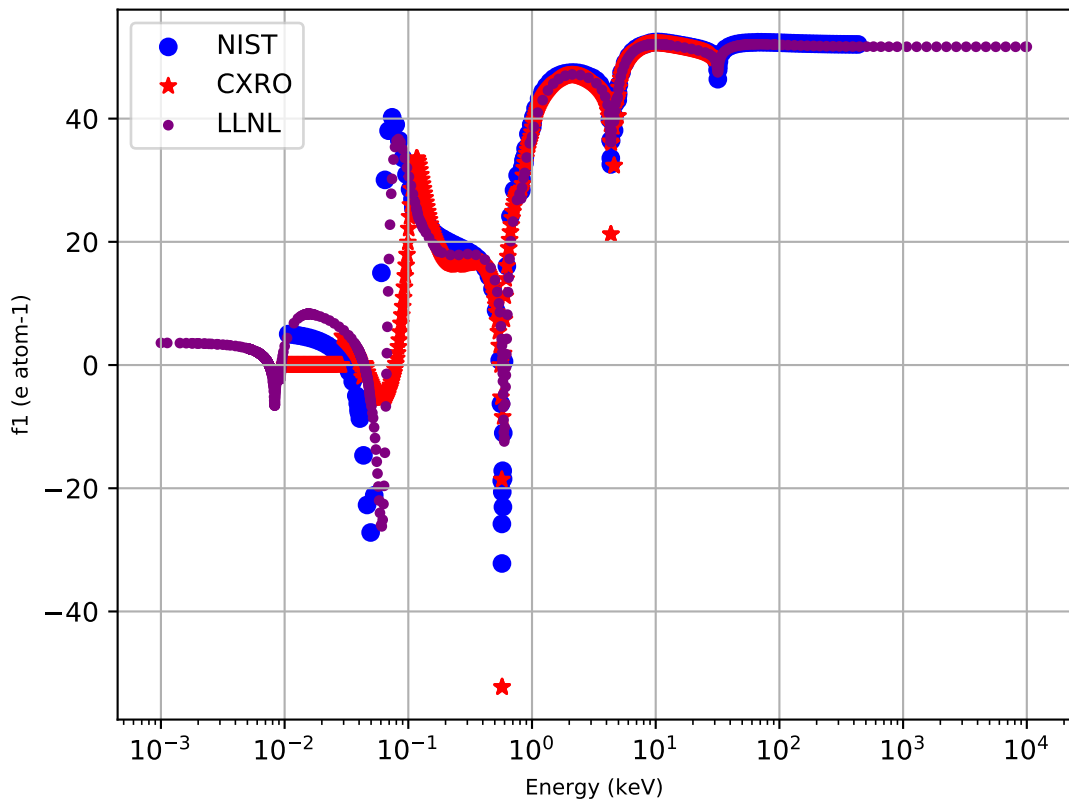
f1 for Sb, Z = 51



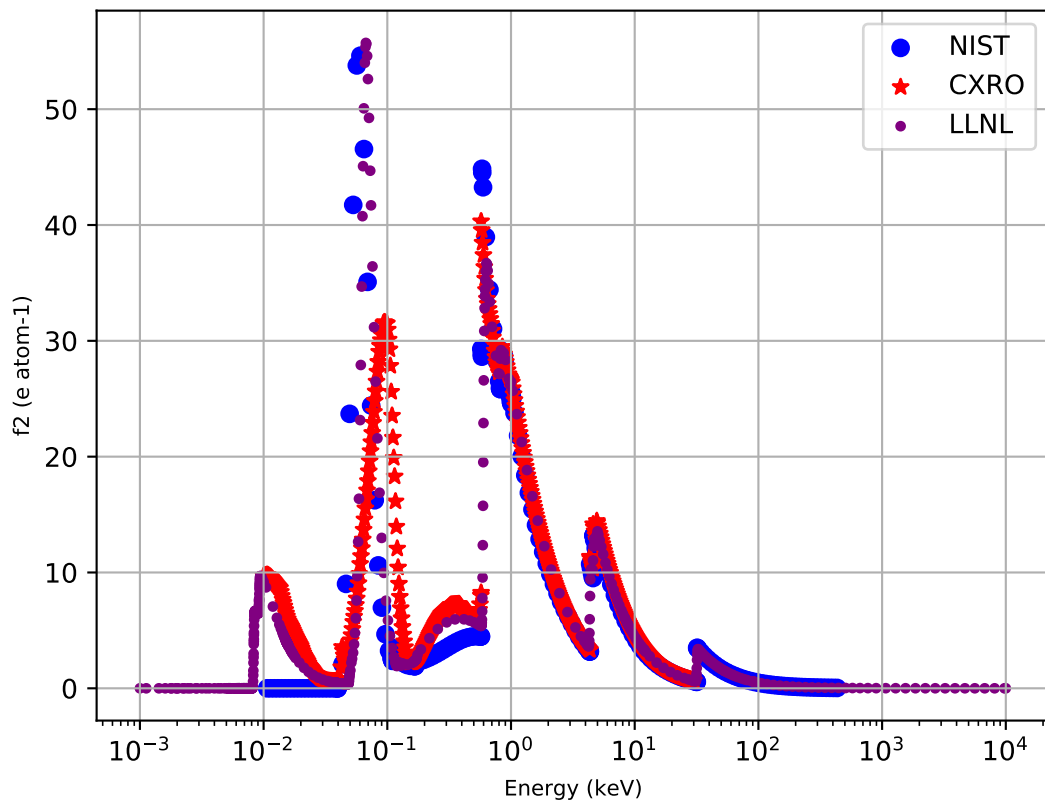
f2 for Sb, Z = 51



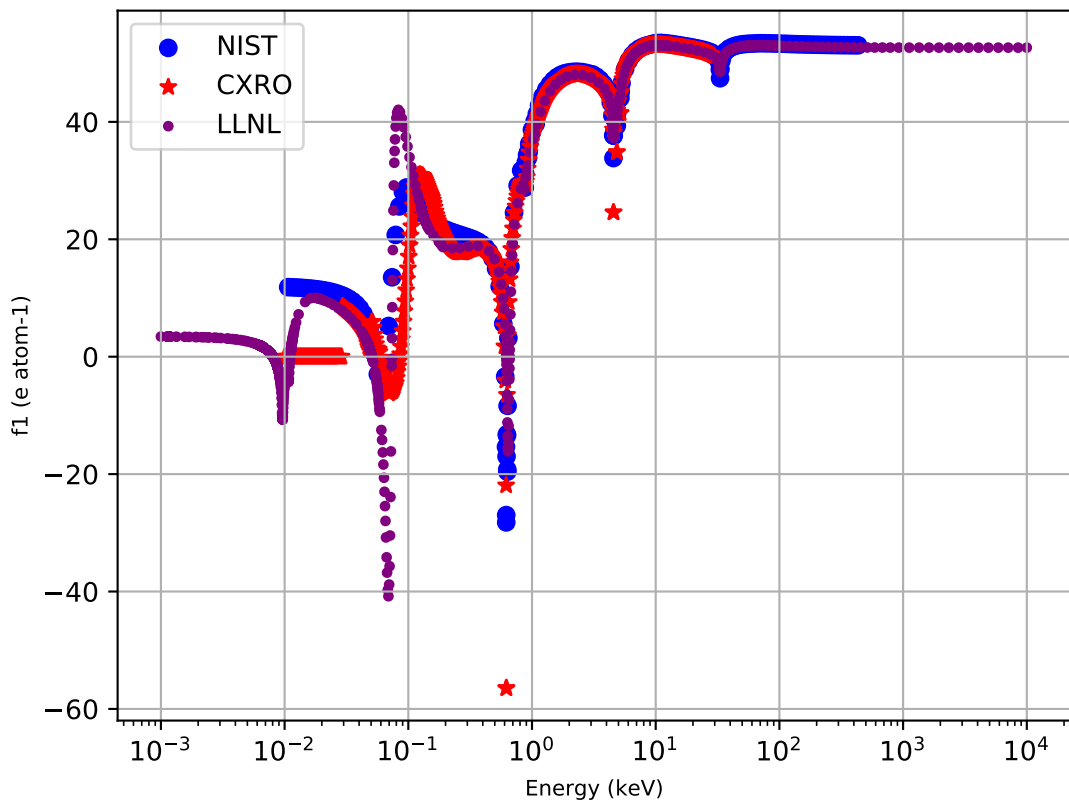
f1 for Te, Z = 52



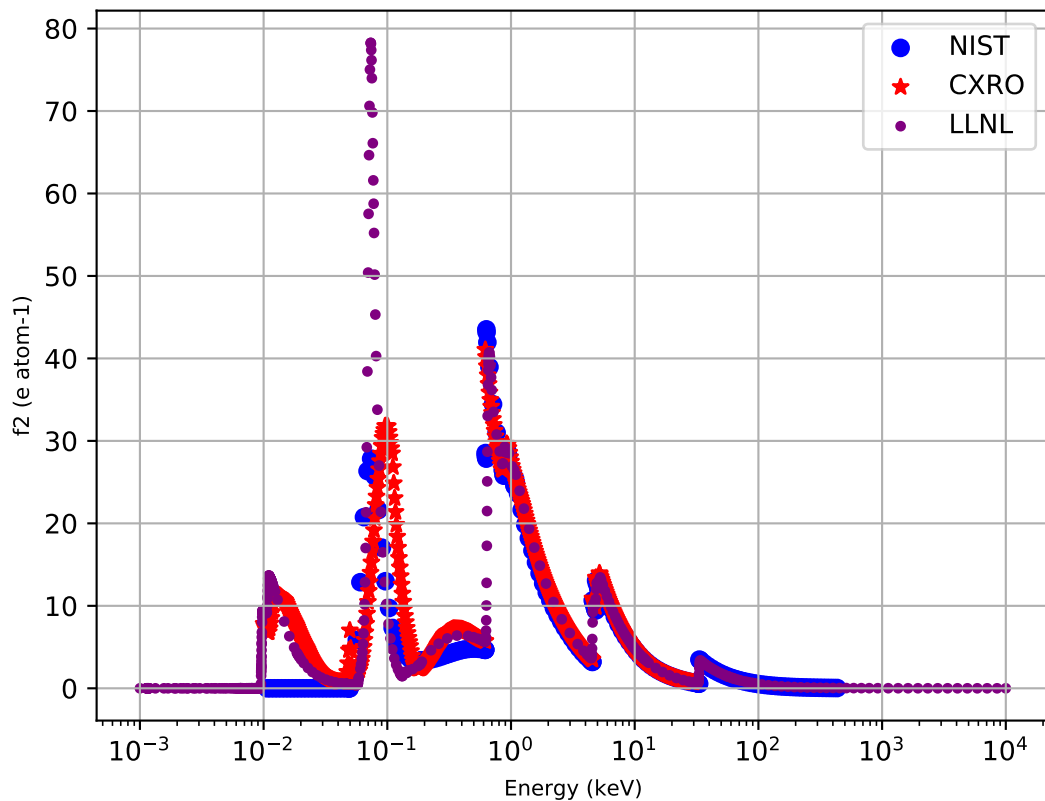
f2 for Te, Z = 52



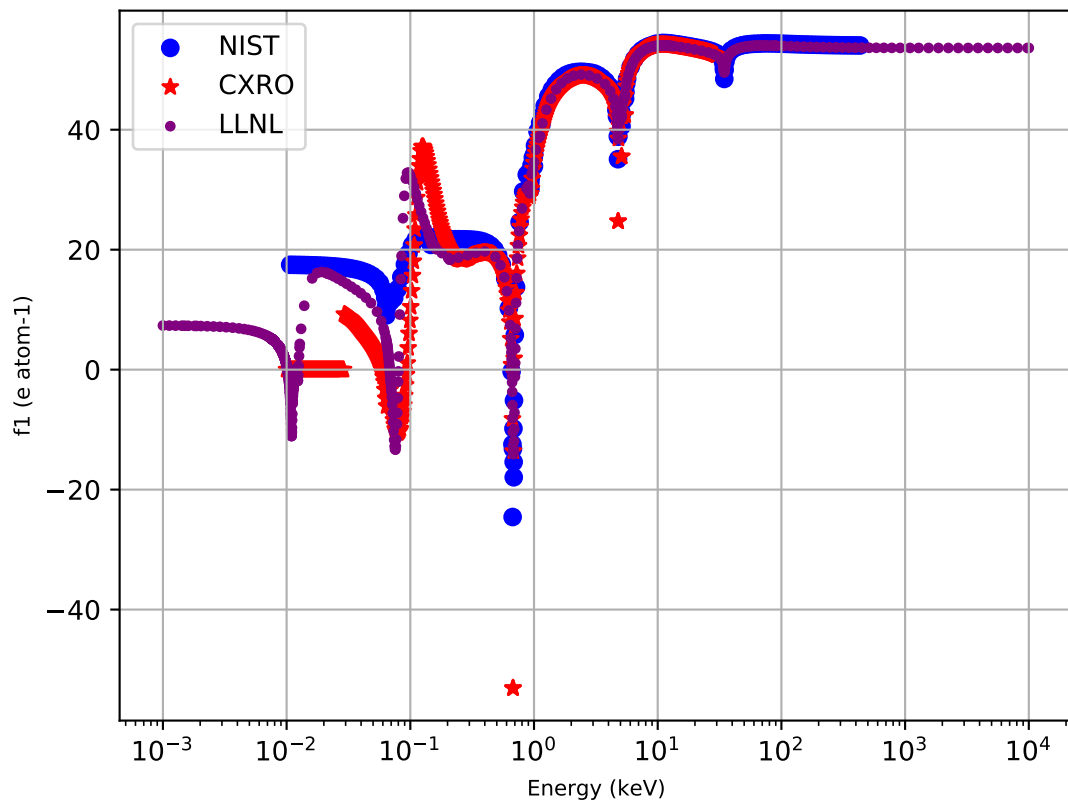
f1 for I, Z = 53



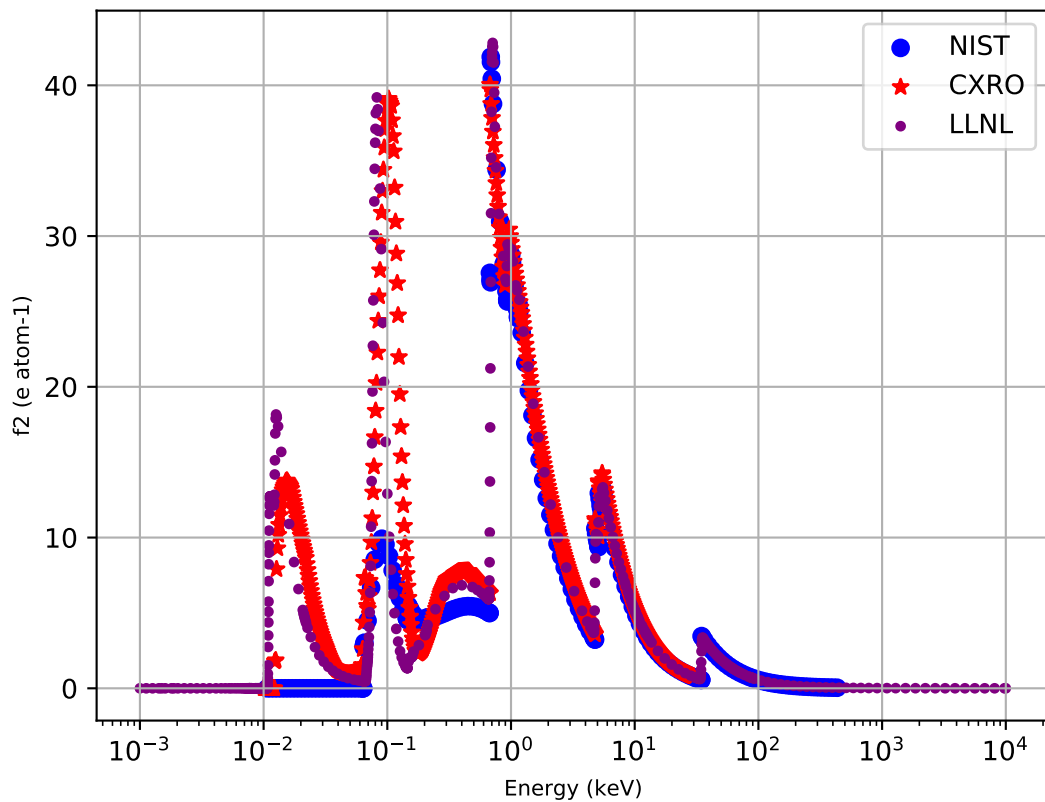
f2 for I, Z = 53



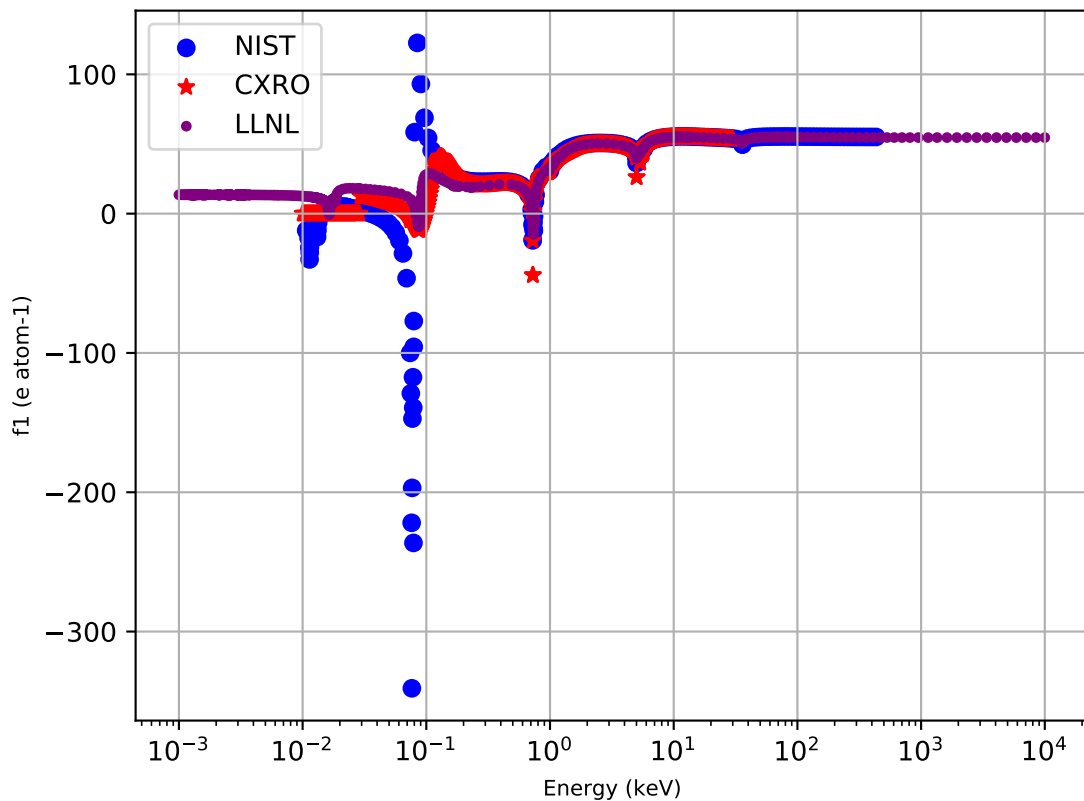
f1 for Xe, Z = 54



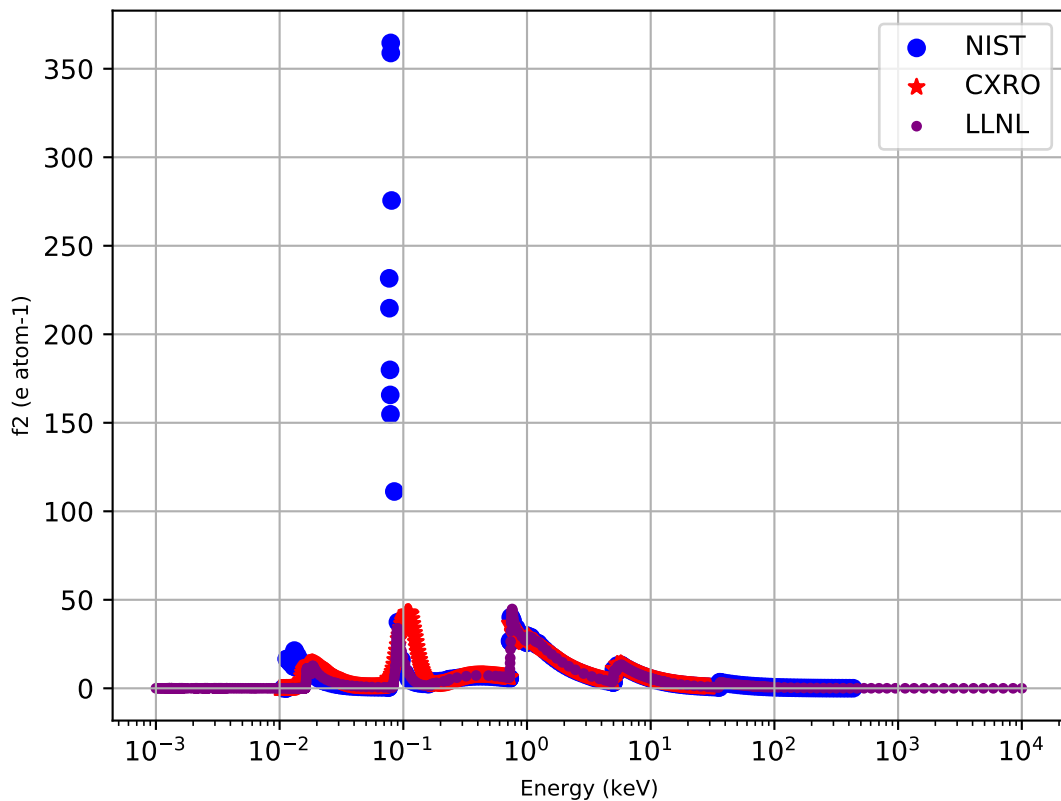
f2 for Xe, Z = 54



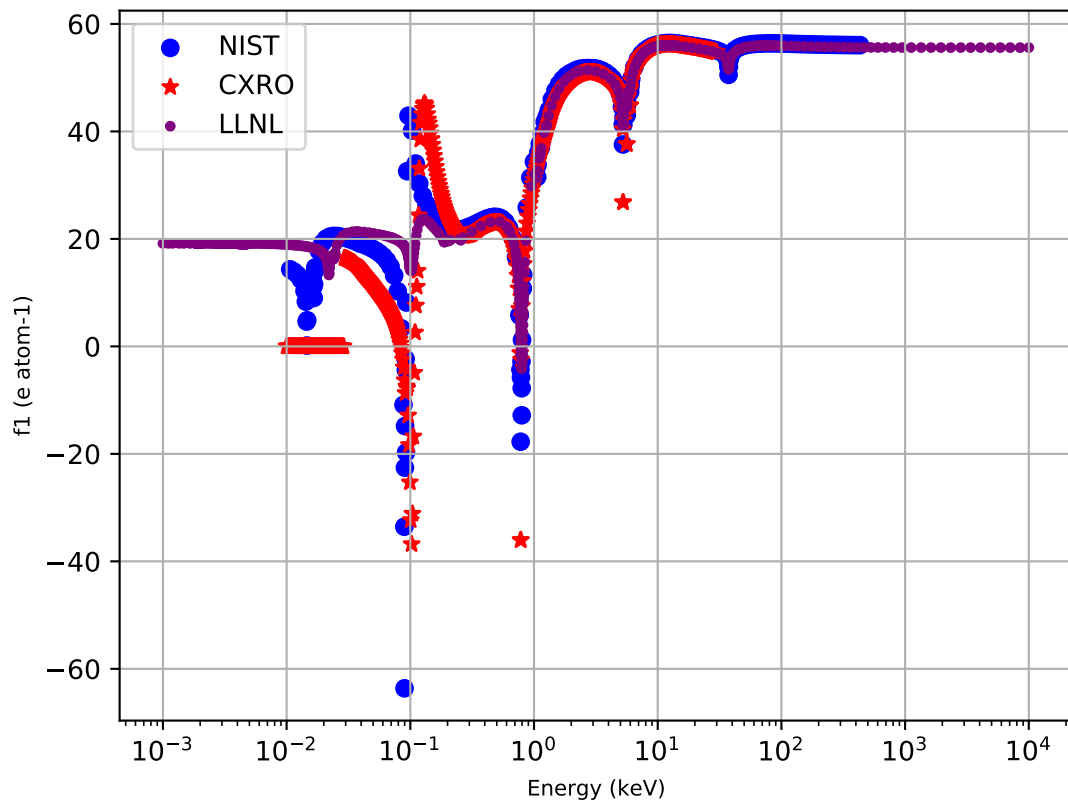
f1 for Cs, Z = 55



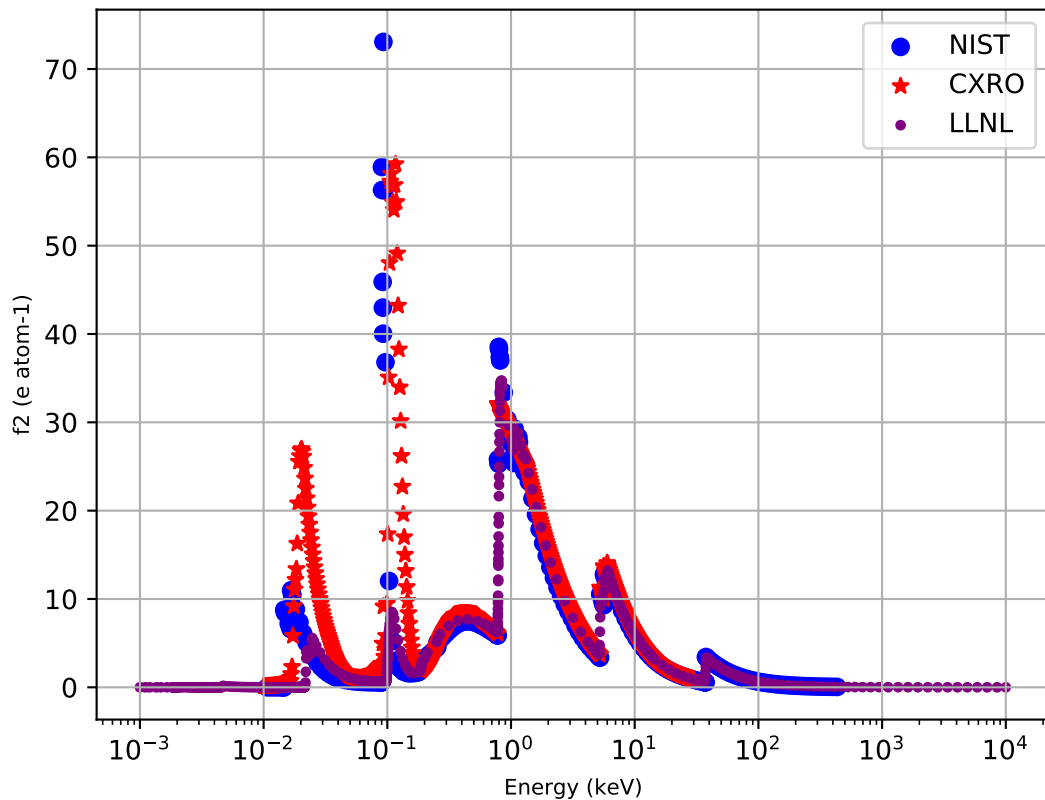
f2 for Cs, Z = 55



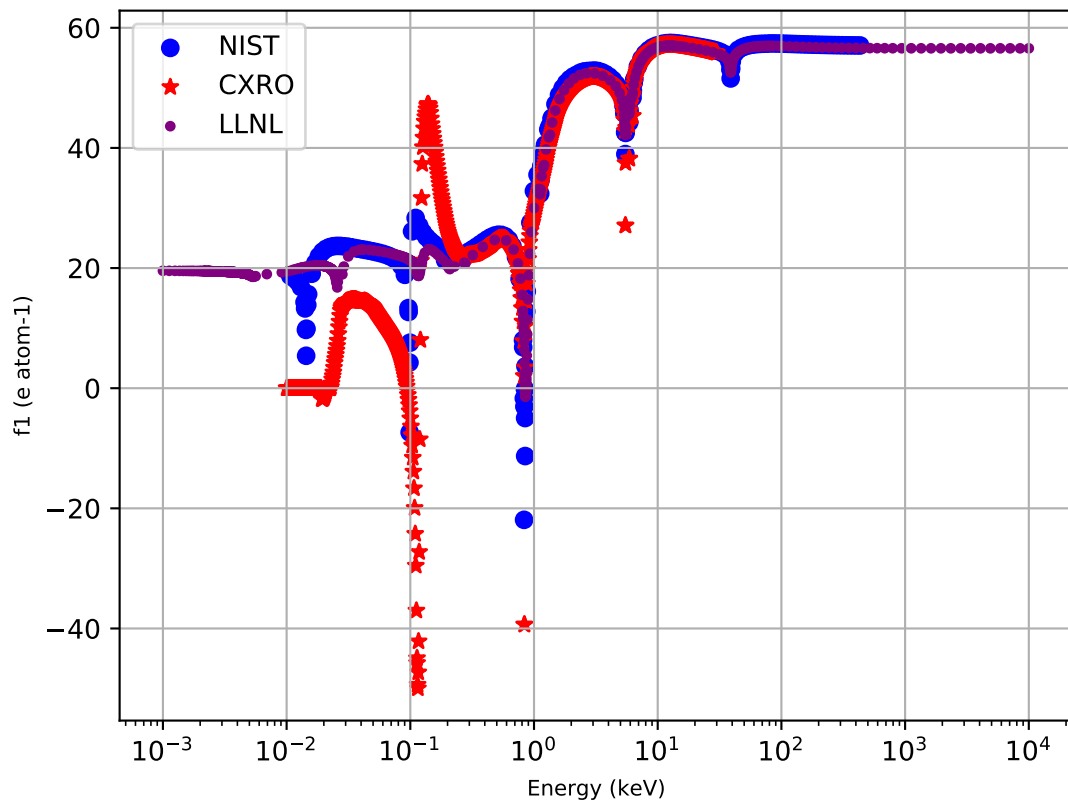
f1 for Ba, Z = 56



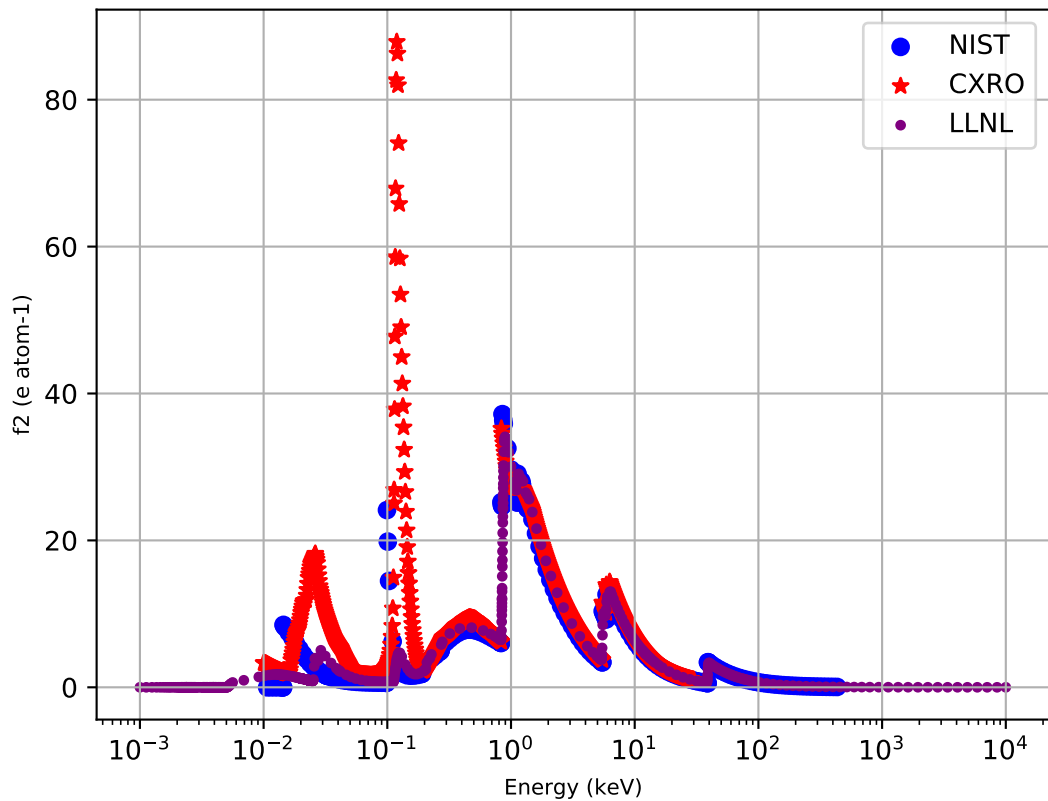
f2 for Ba, Z = 56



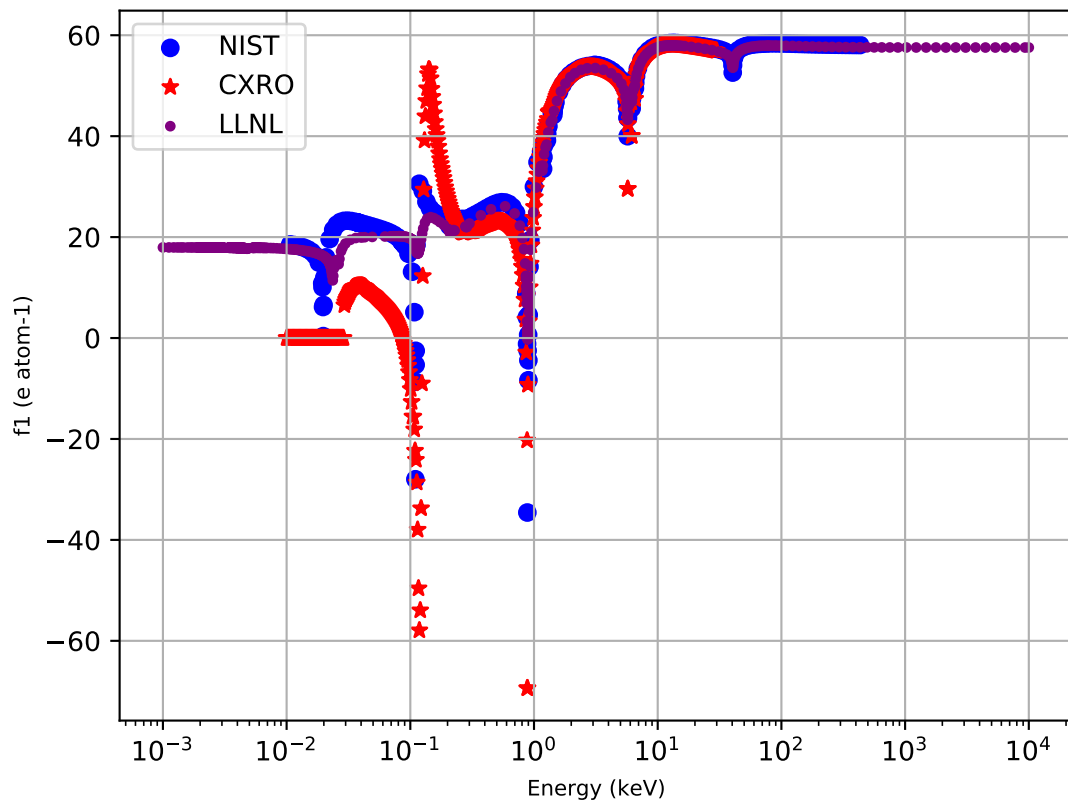
f1 for La, Z = 57



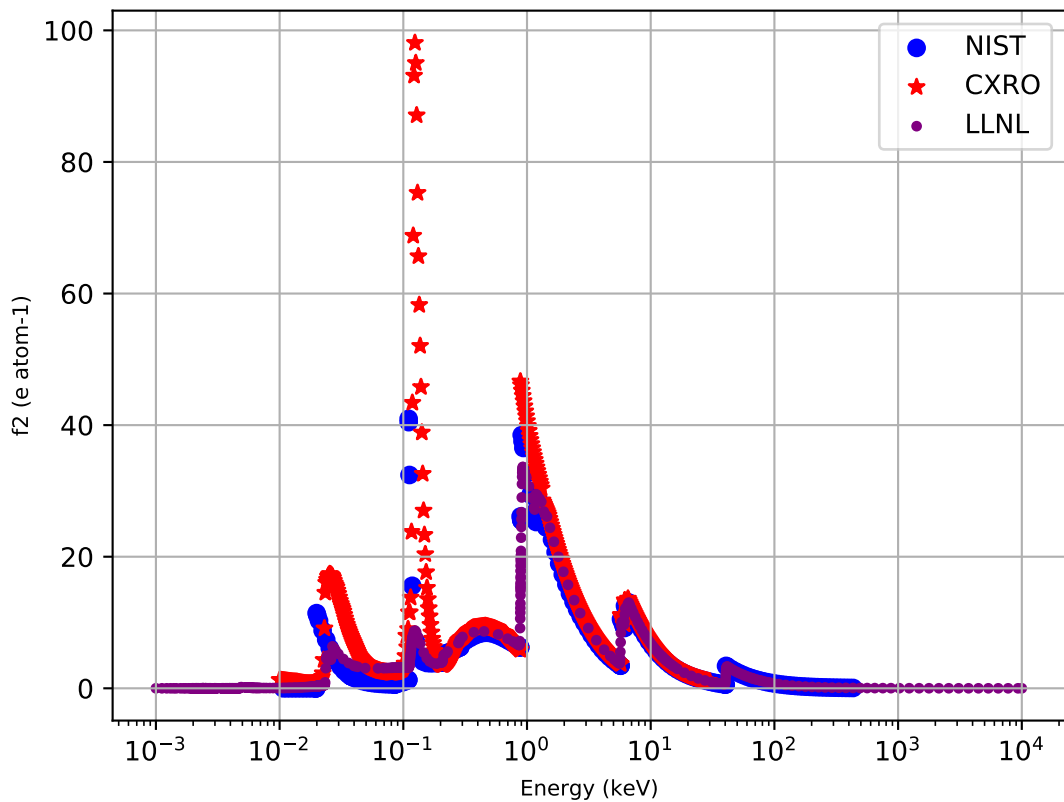
f2 for La, Z = 57



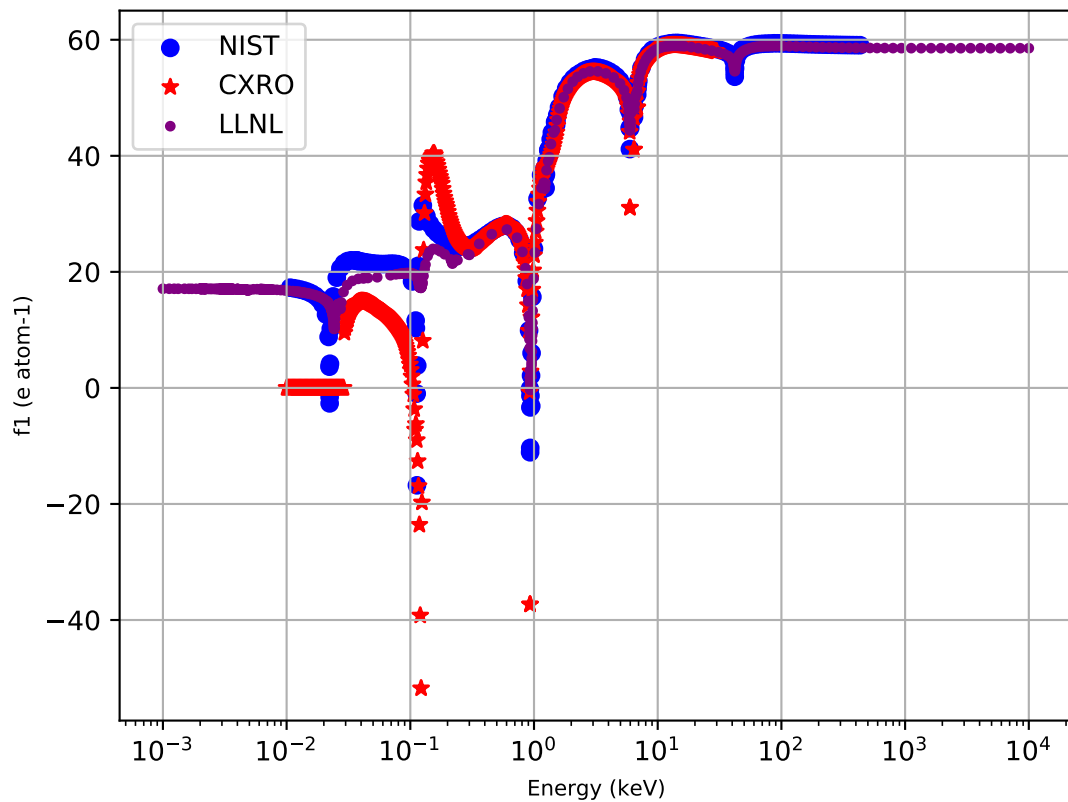
f1 for Ce, Z = 58



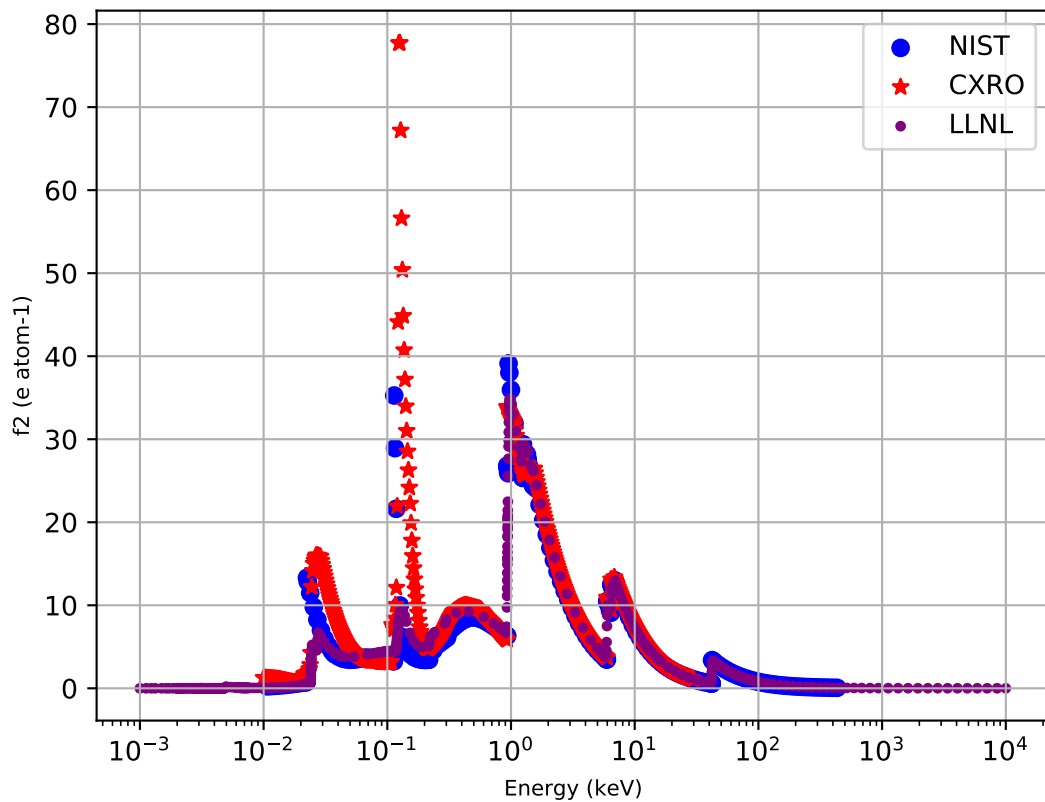
f2 for Ce, Z = 58



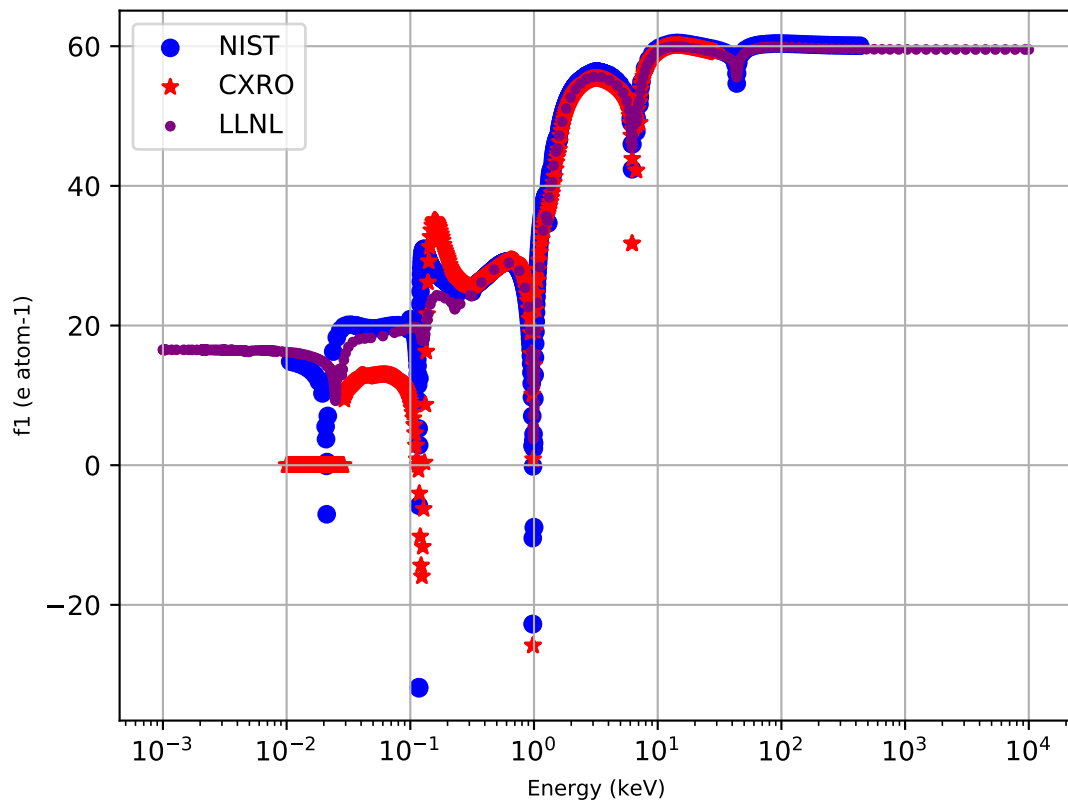
f1 for Pr, Z = 59



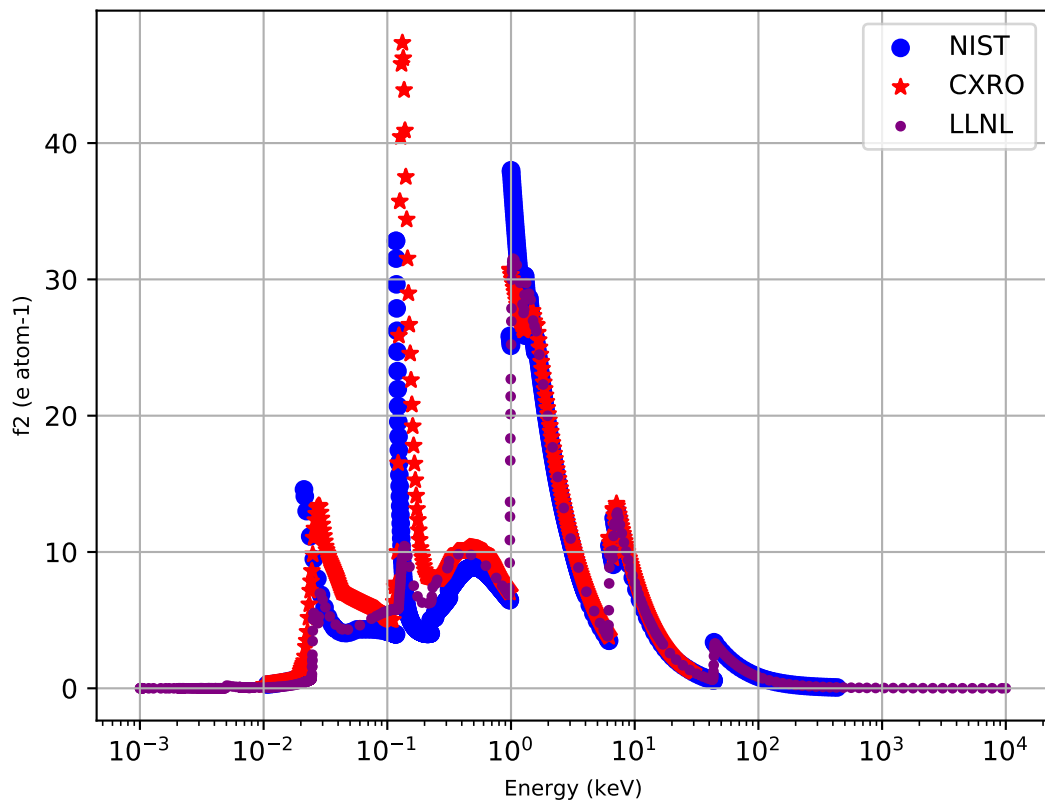
f2 for Pr, Z = 59



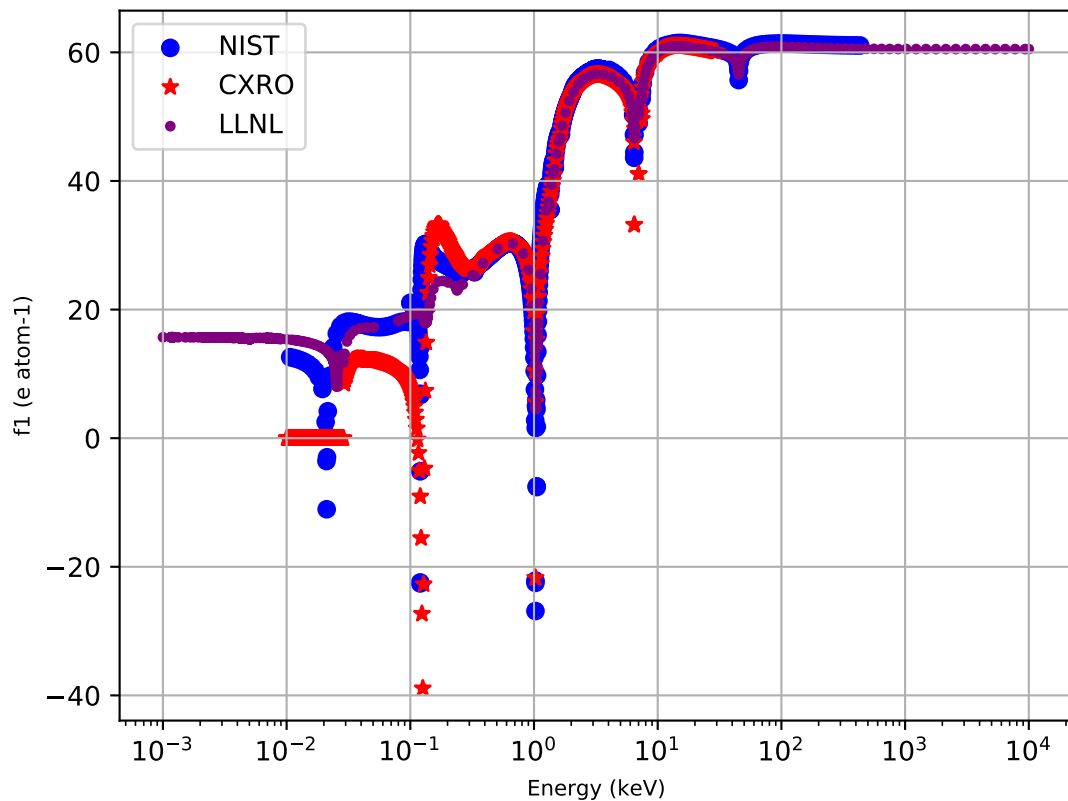
f1 for Nd, Z = 60



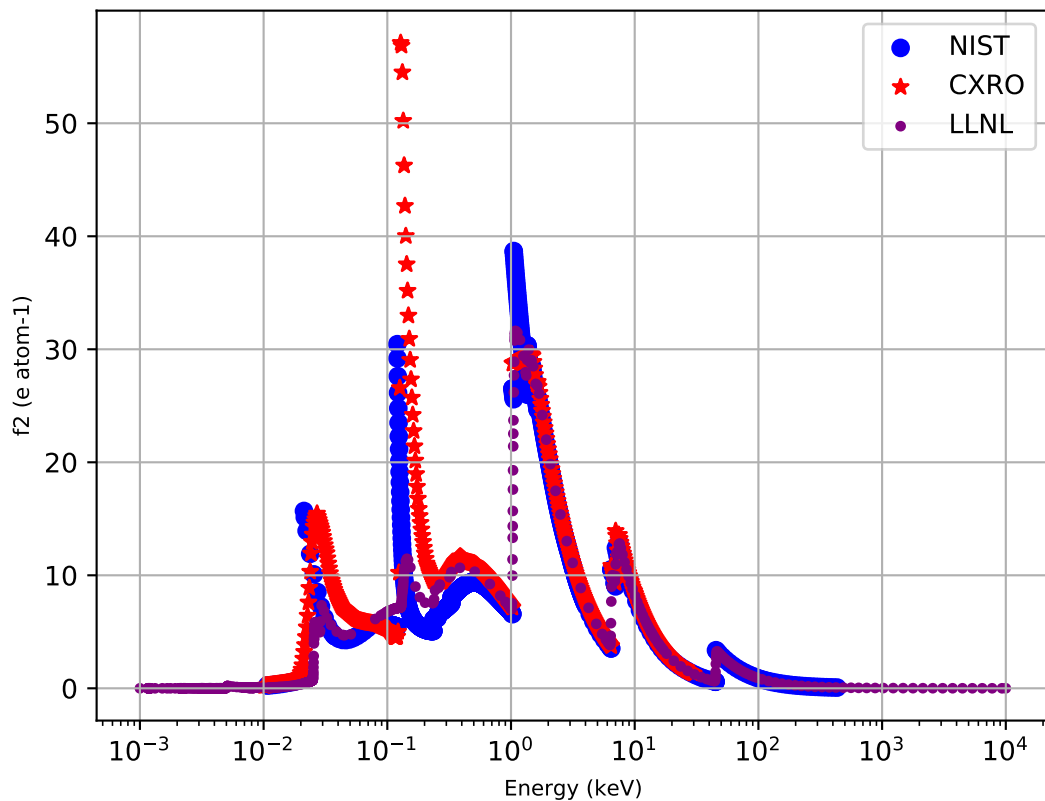
f2 for Nd, Z = 60



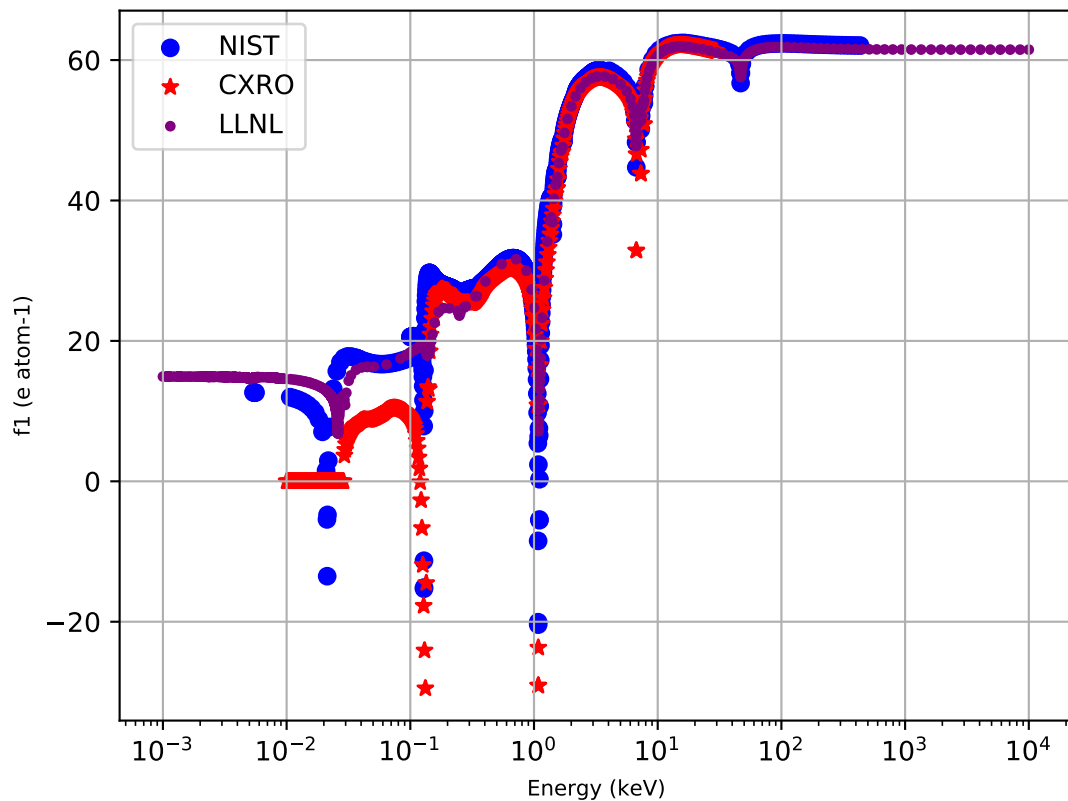
f1 for Pm, Z = 61



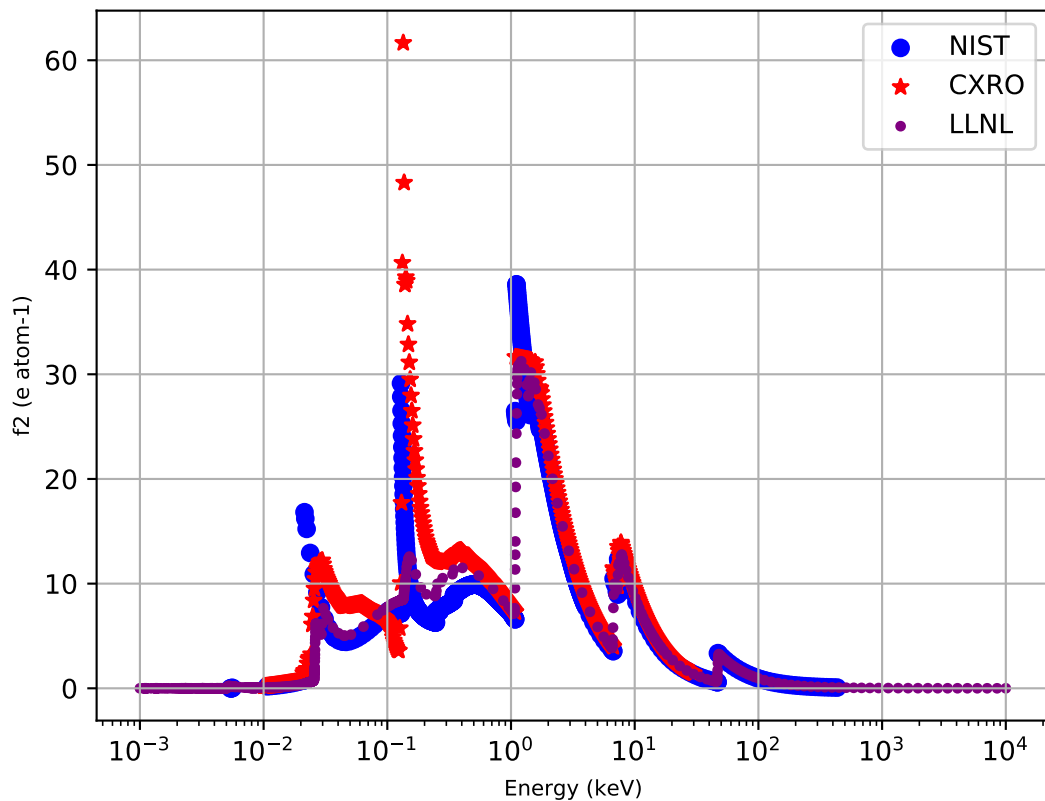
f2 for Pm, Z = 61



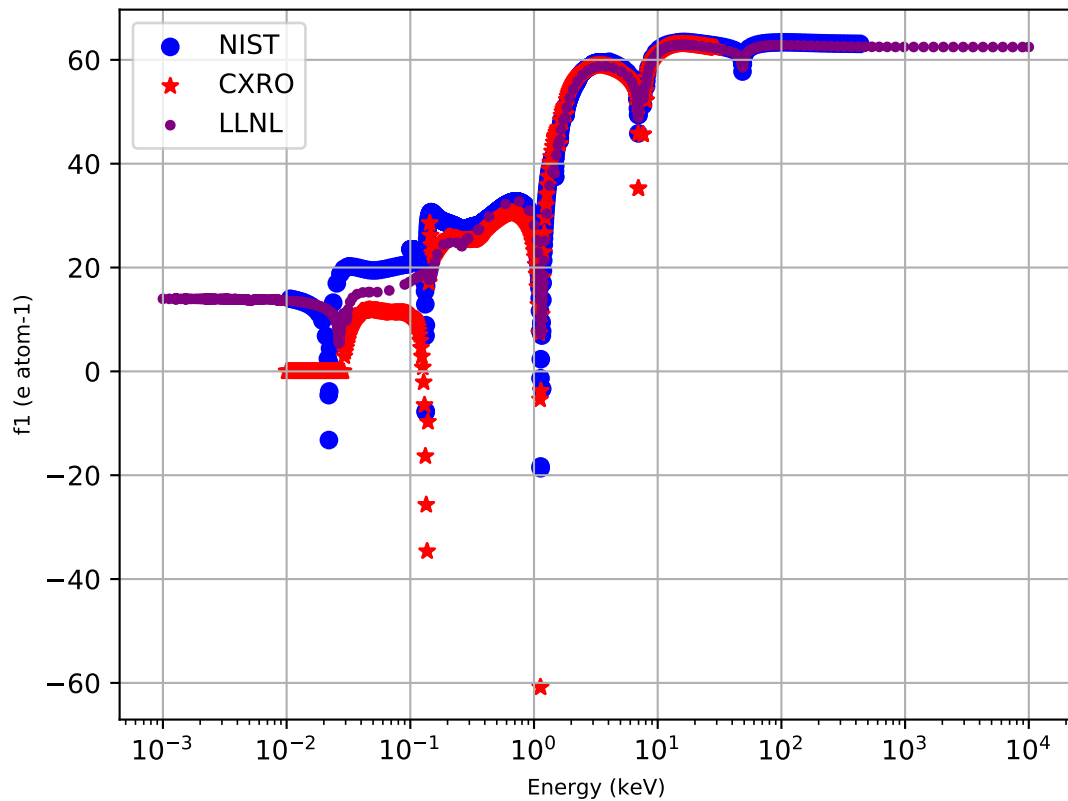
f1 for Sm, Z = 62



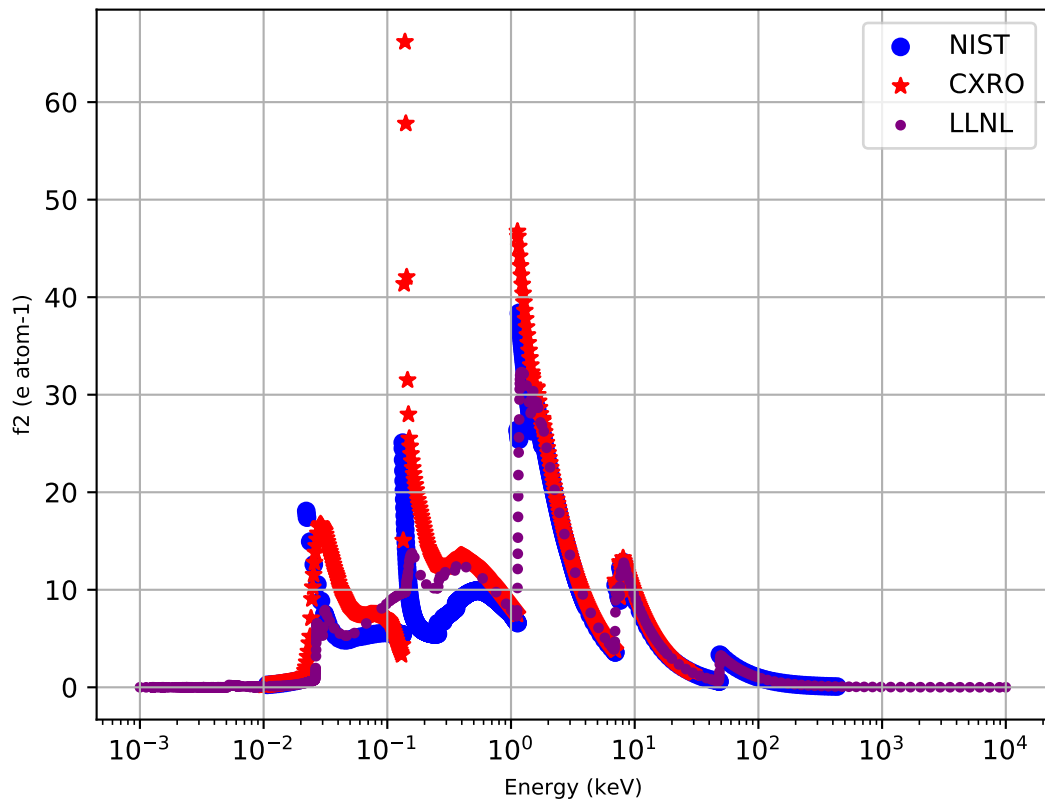
f2 for Sm, Z = 62



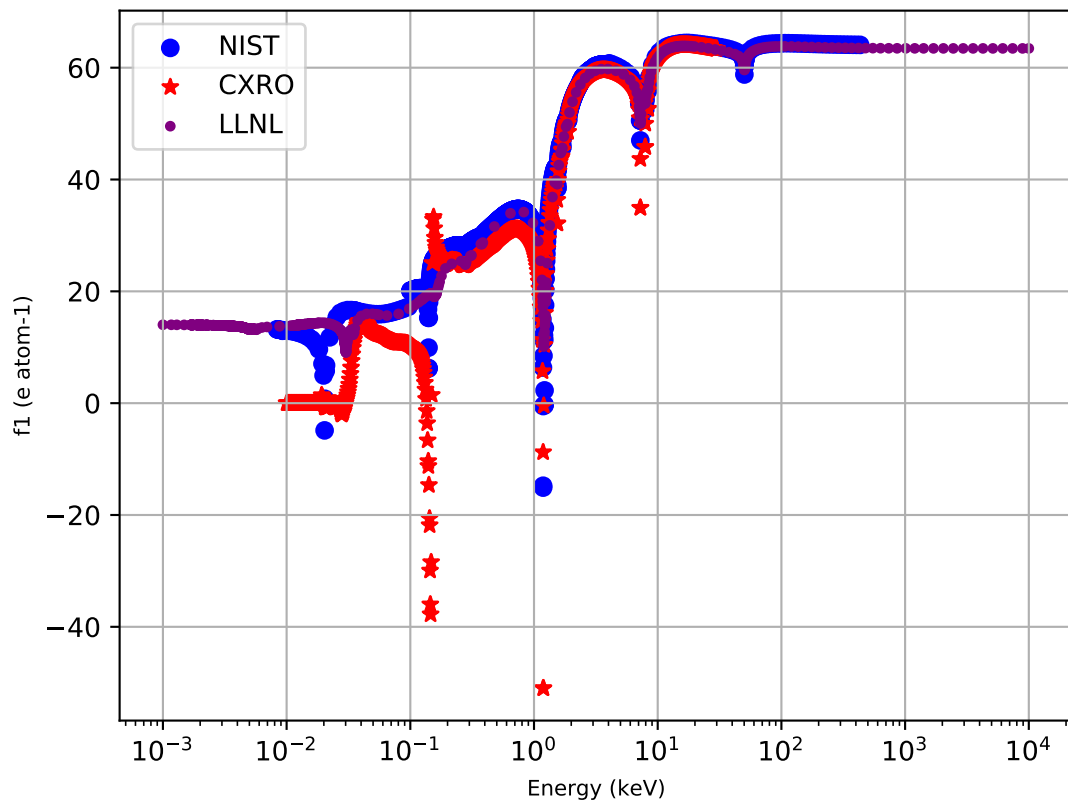
f1 for Eu, Z = 63



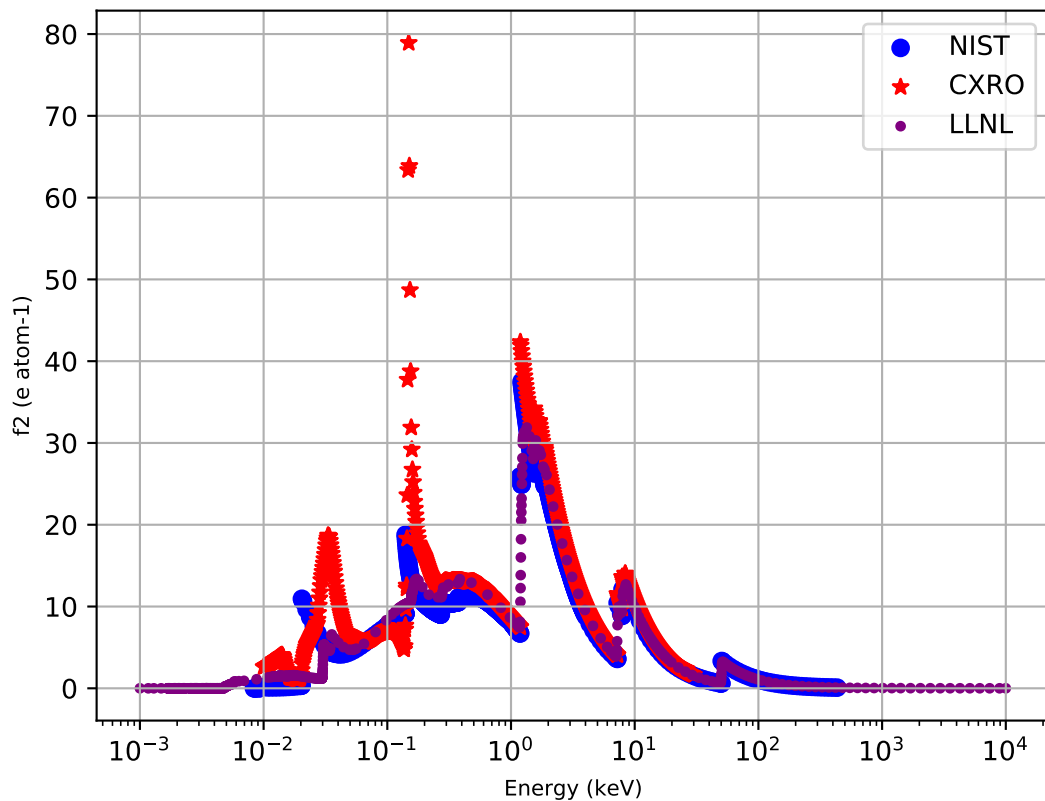
f2 for Eu, Z = 63



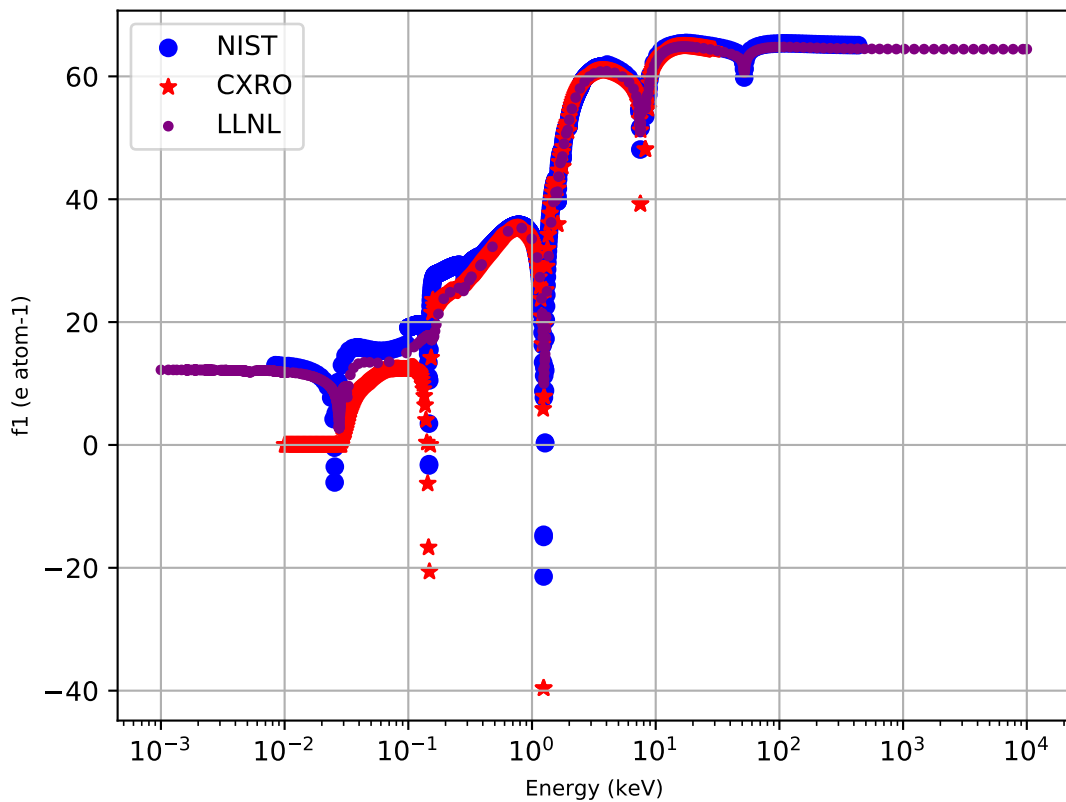
f1 for Gd, Z = 64



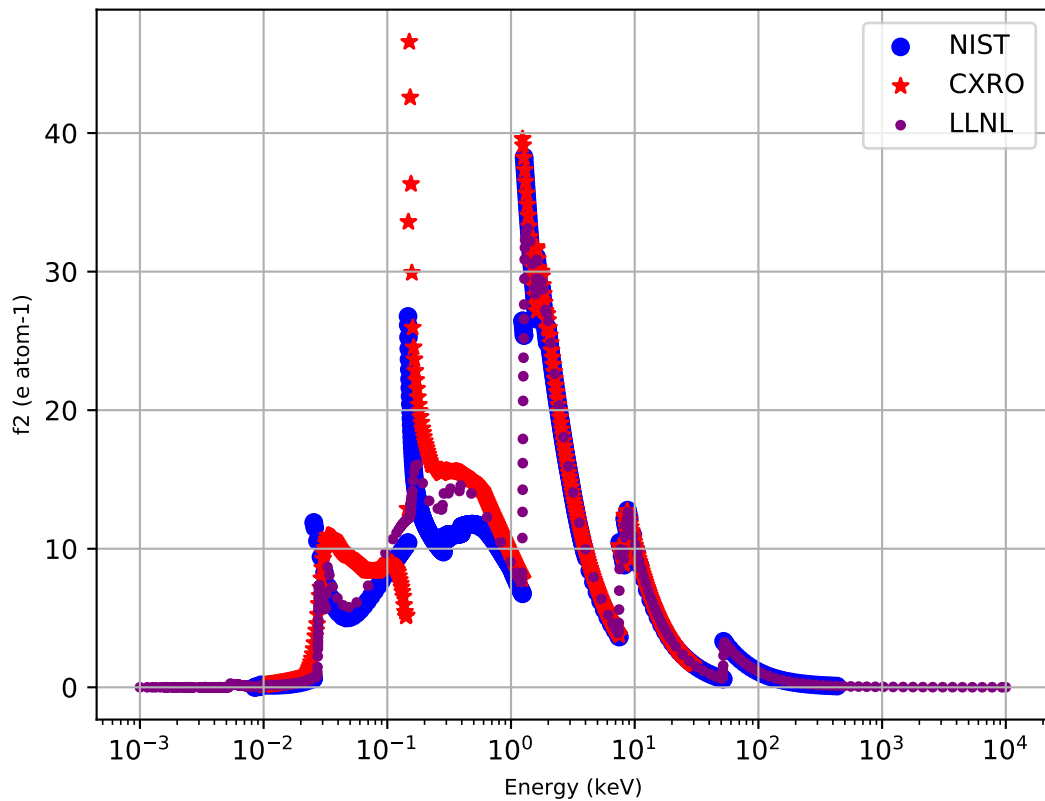
f2 for Gd, Z = 64



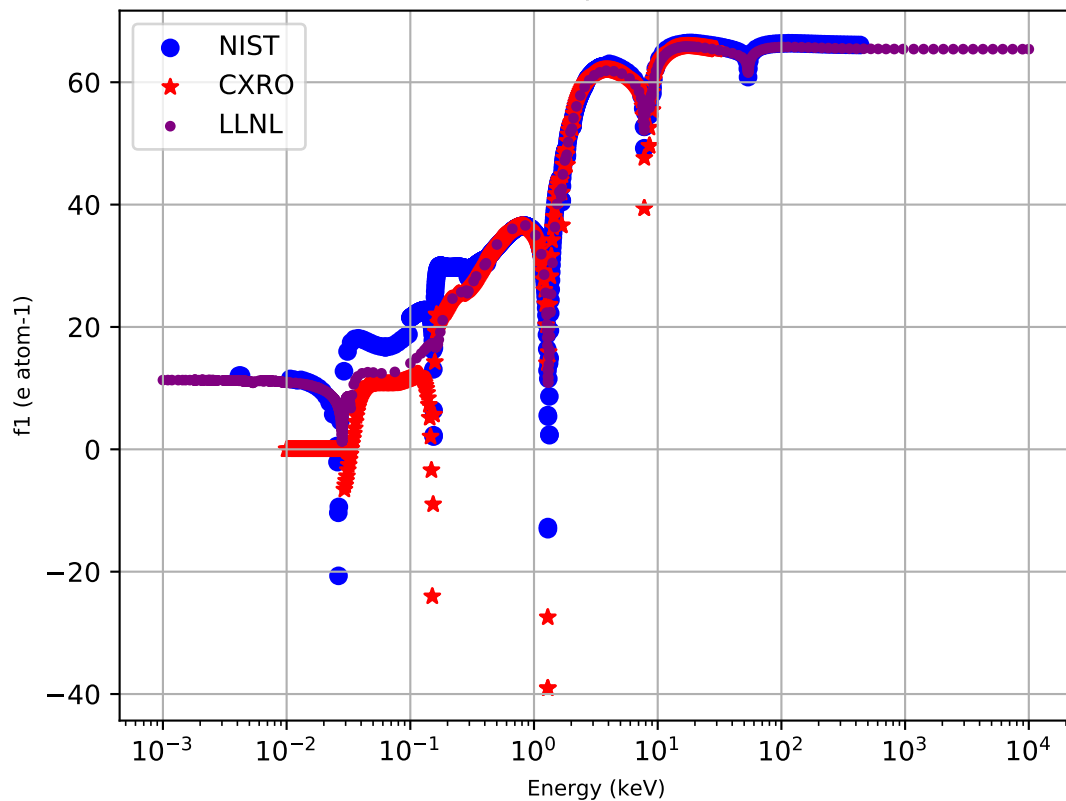
f1 for Tb, Z = 65



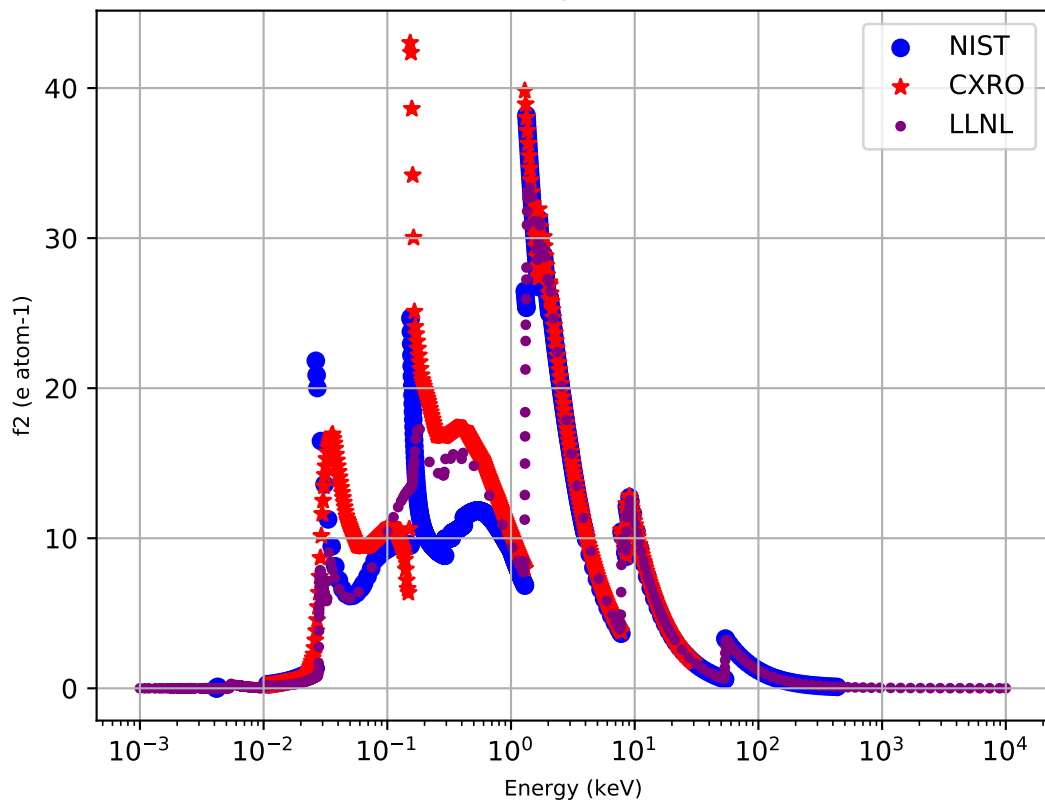
f2 for Tb, Z = 65



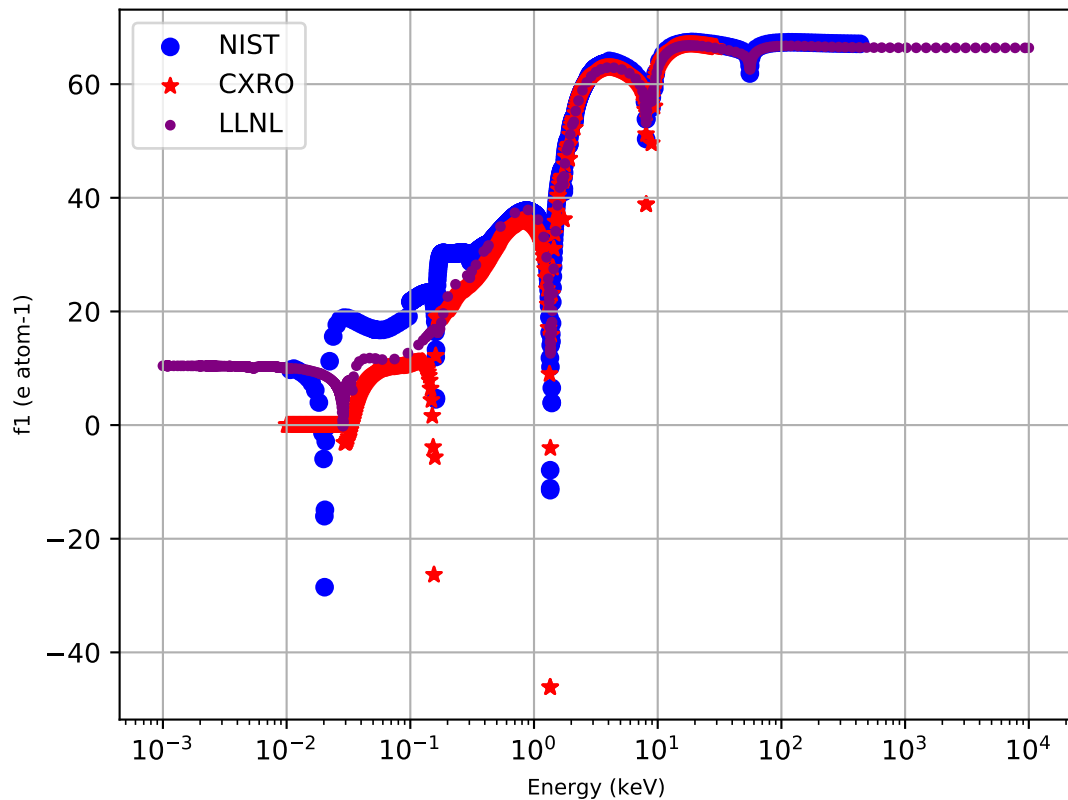
f1 for Dy, Z = 66



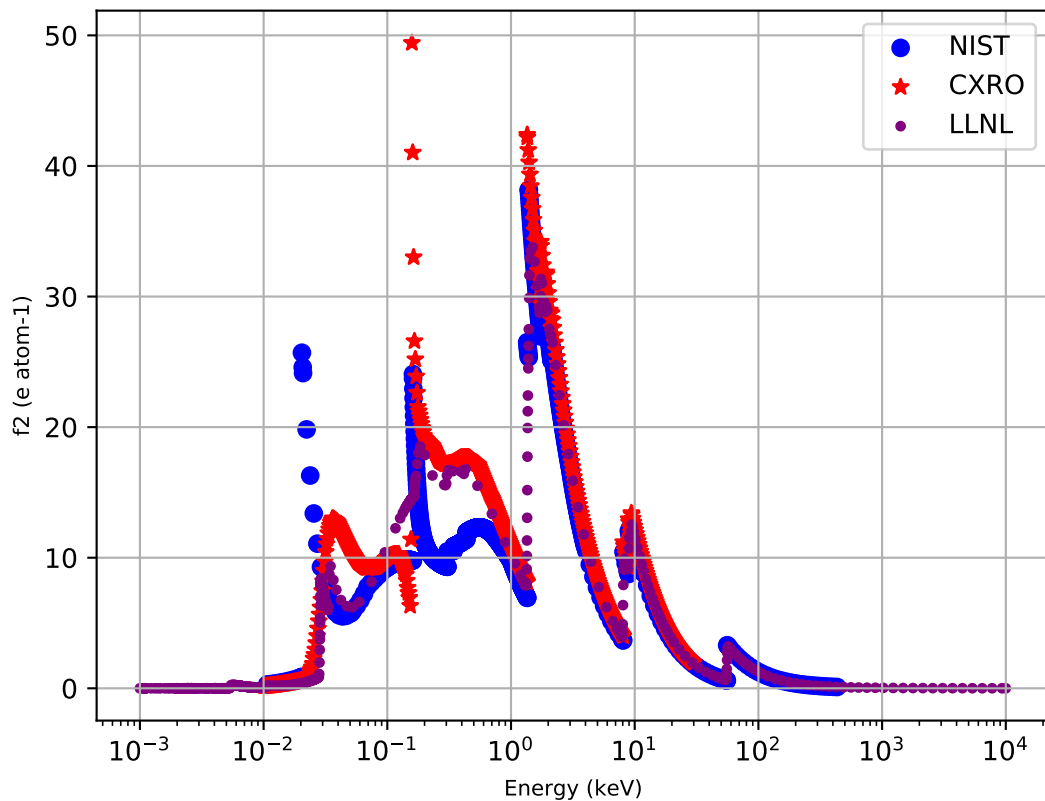
f2 for Dy, Z = 66



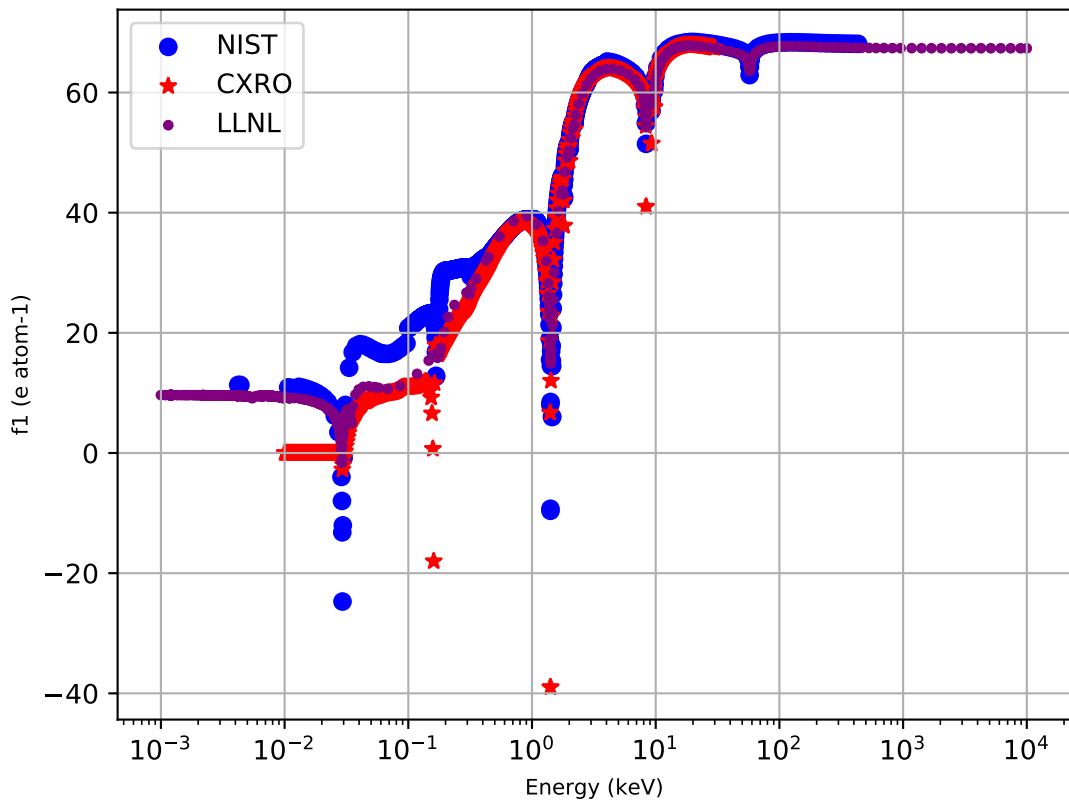
f1 for Ho, Z = 67



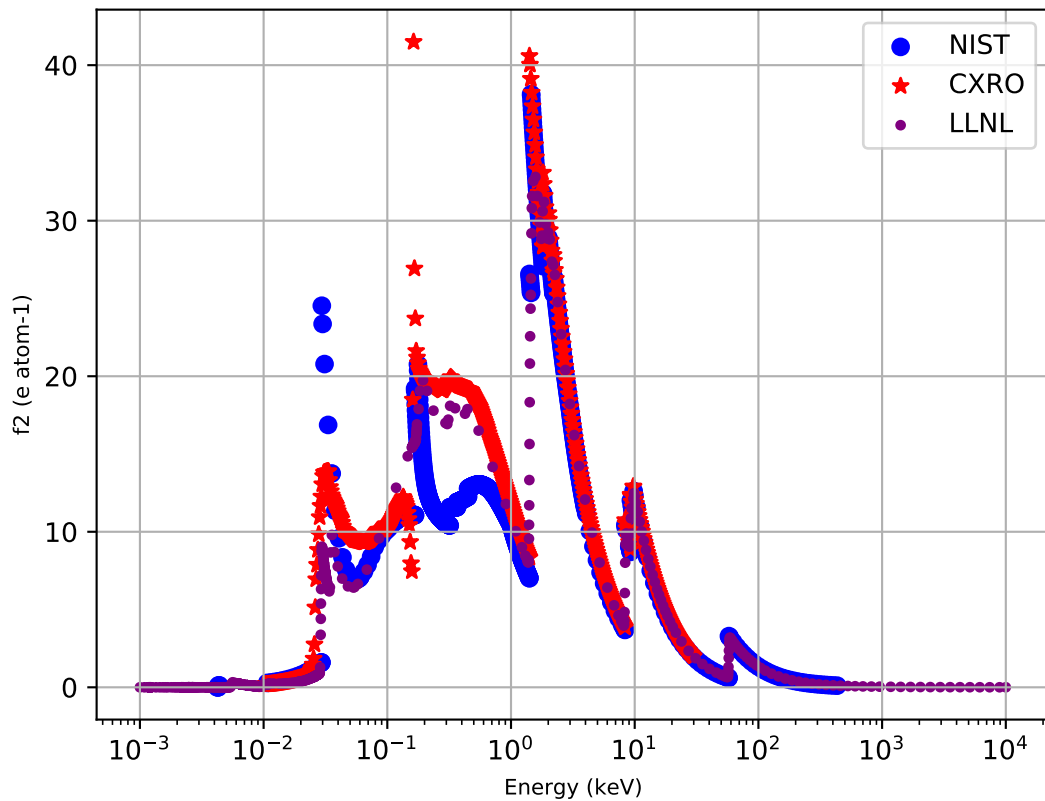
f2 for Ho, Z = 67



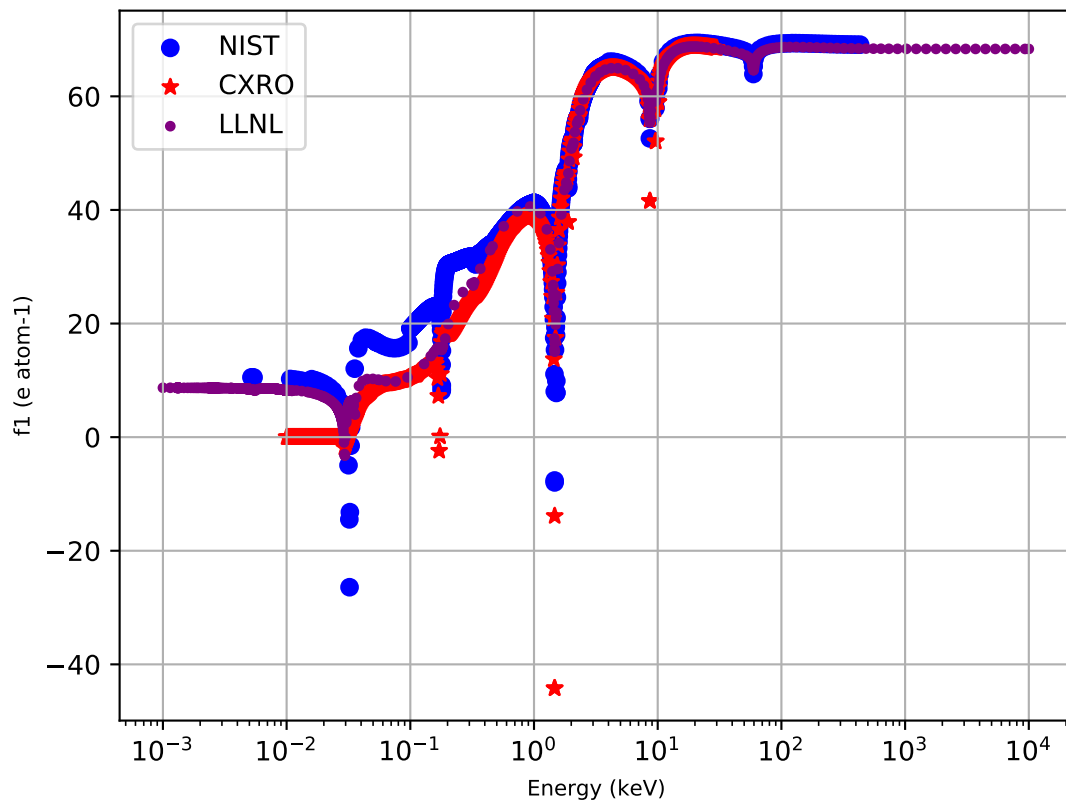
f1 for Er, Z = 68



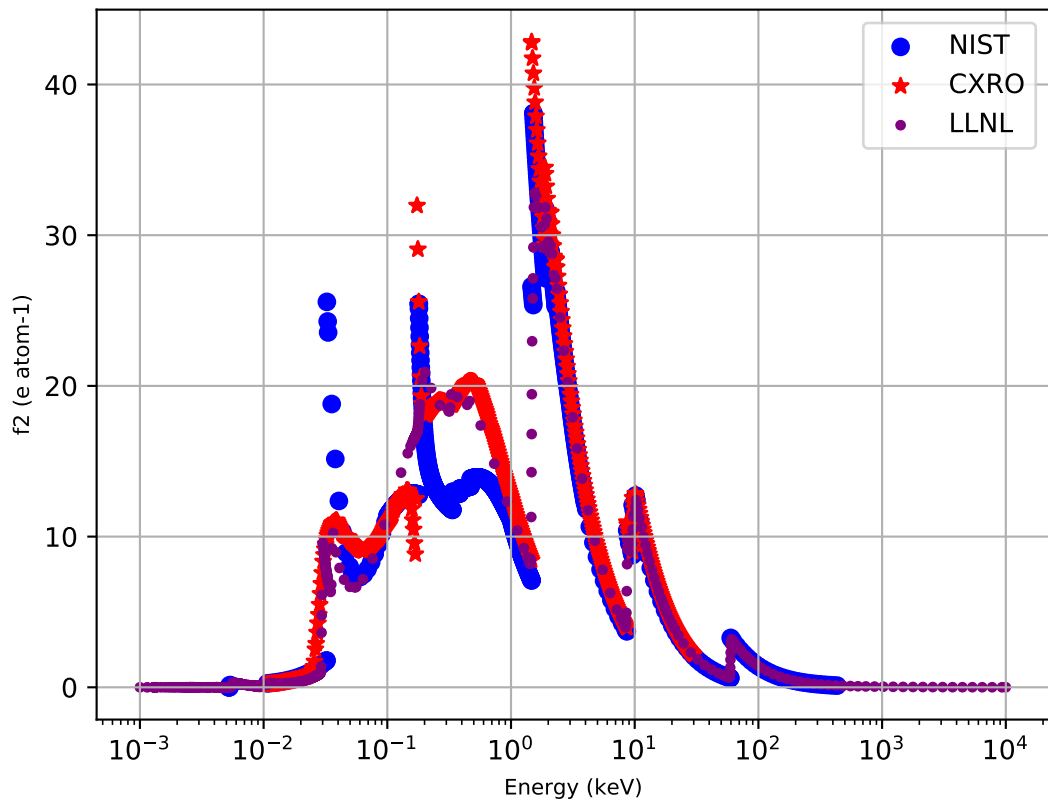
f2 for Er, Z = 68



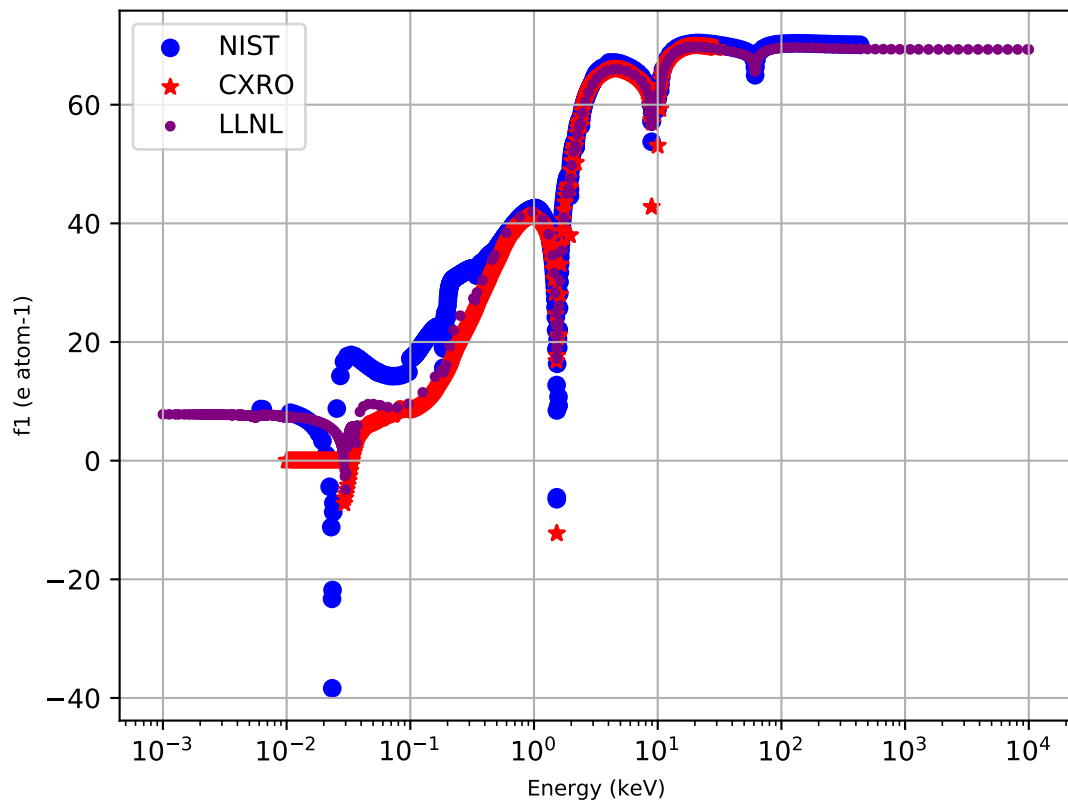
f1 for Tm, Z = 69



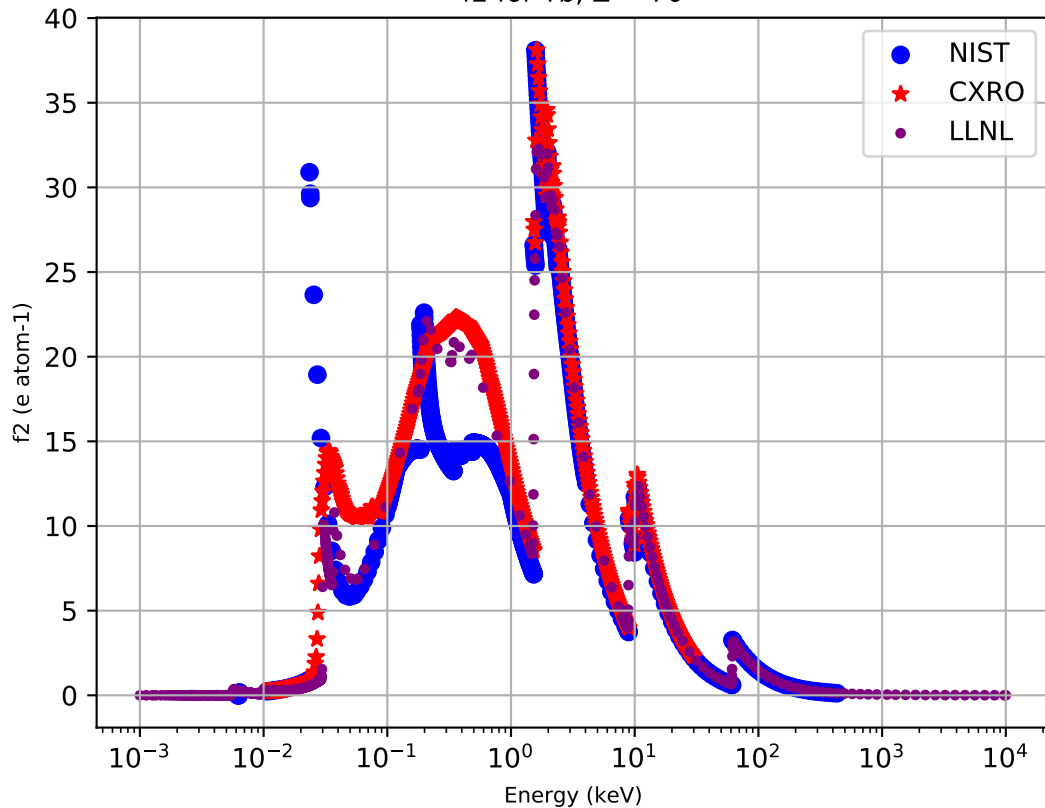
f2 for Tm, Z = 69



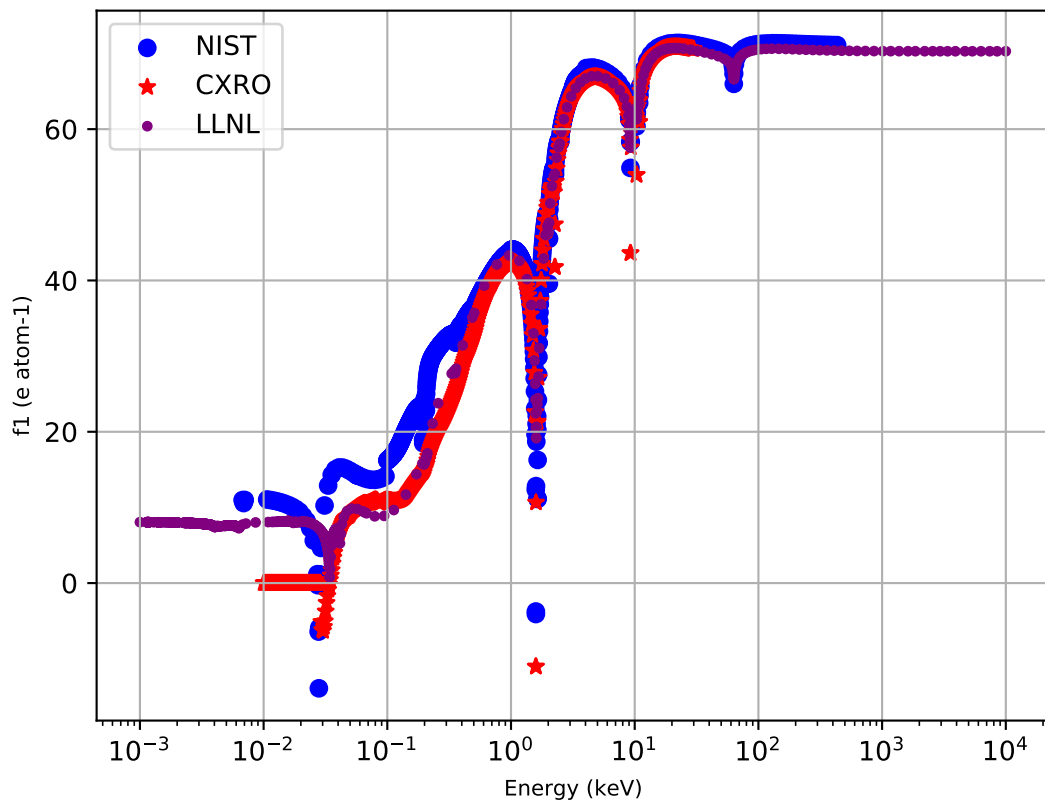
f1 for Yb, Z = 70



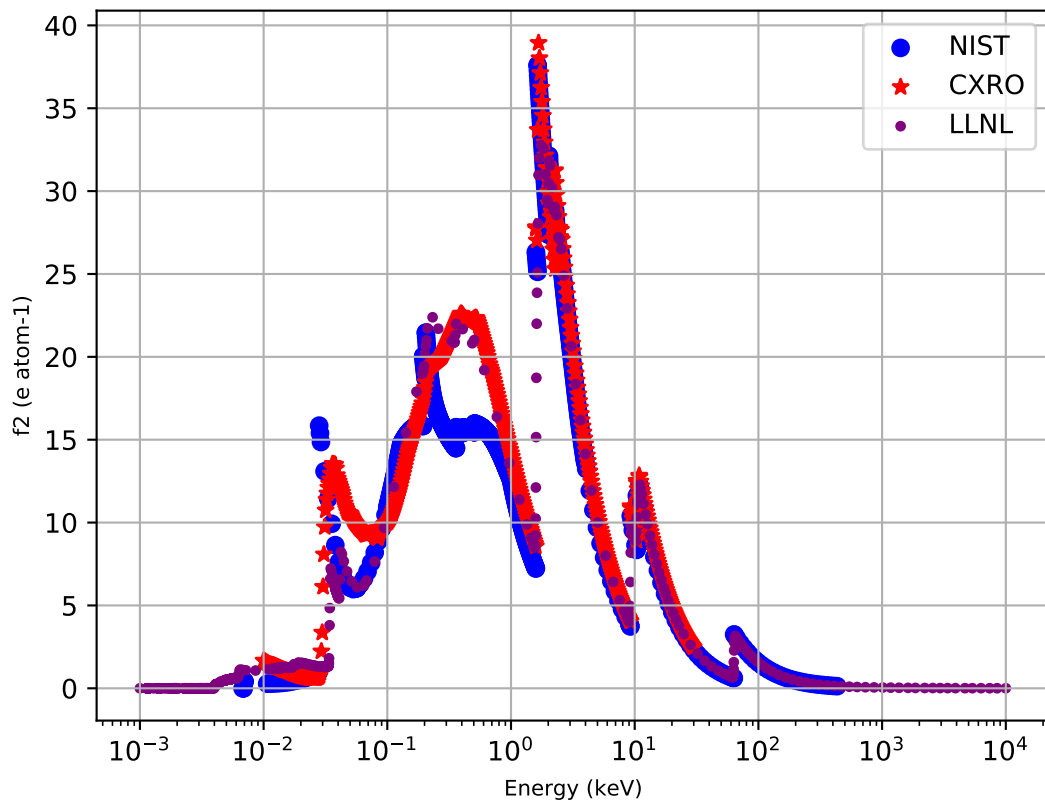
f2 for Yb, Z = 70



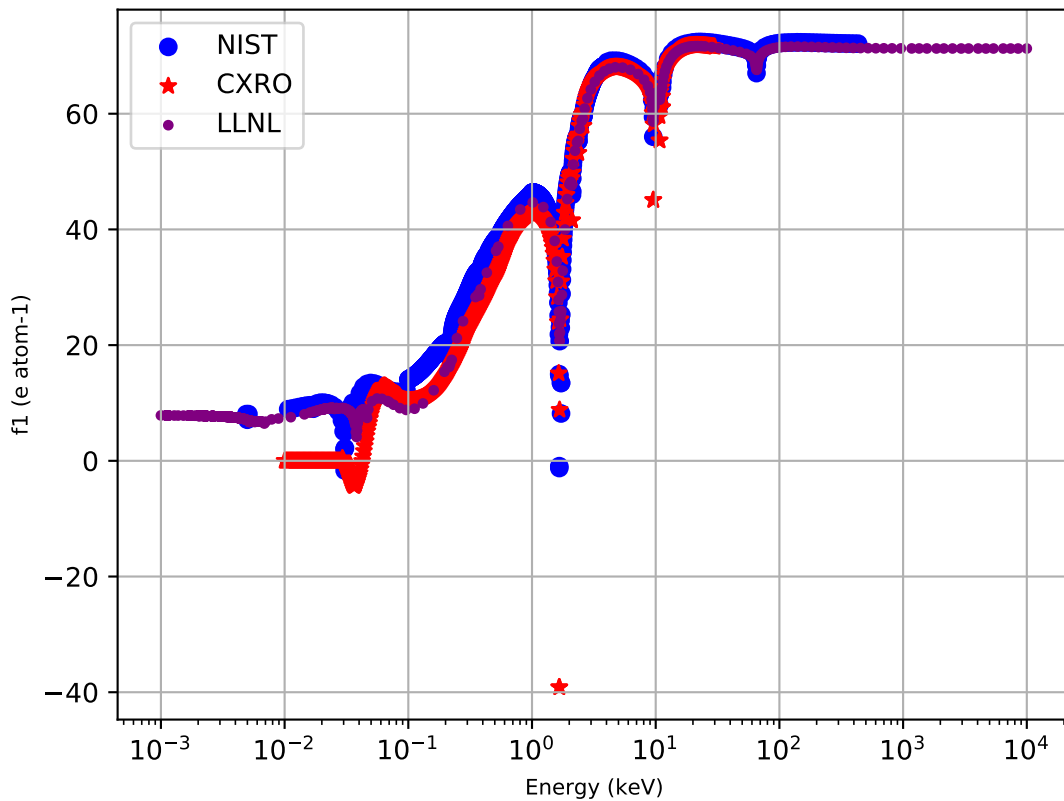
f1 for Lu, Z = 71



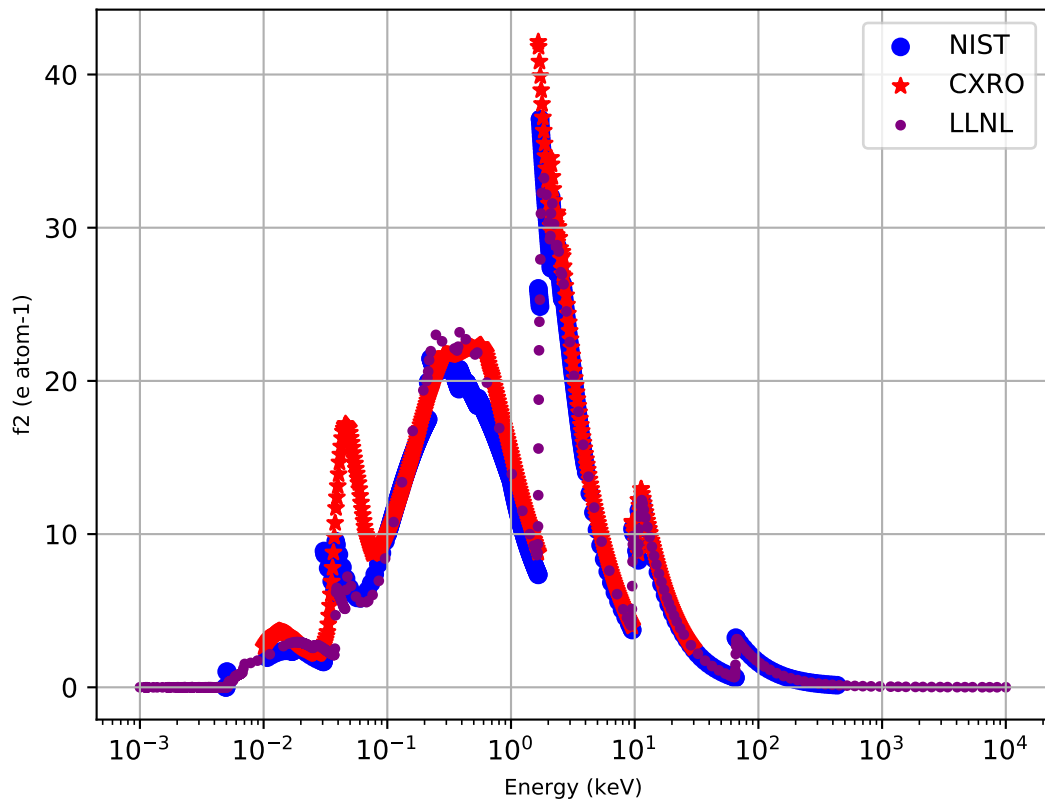
f2 for Lu, Z = 71



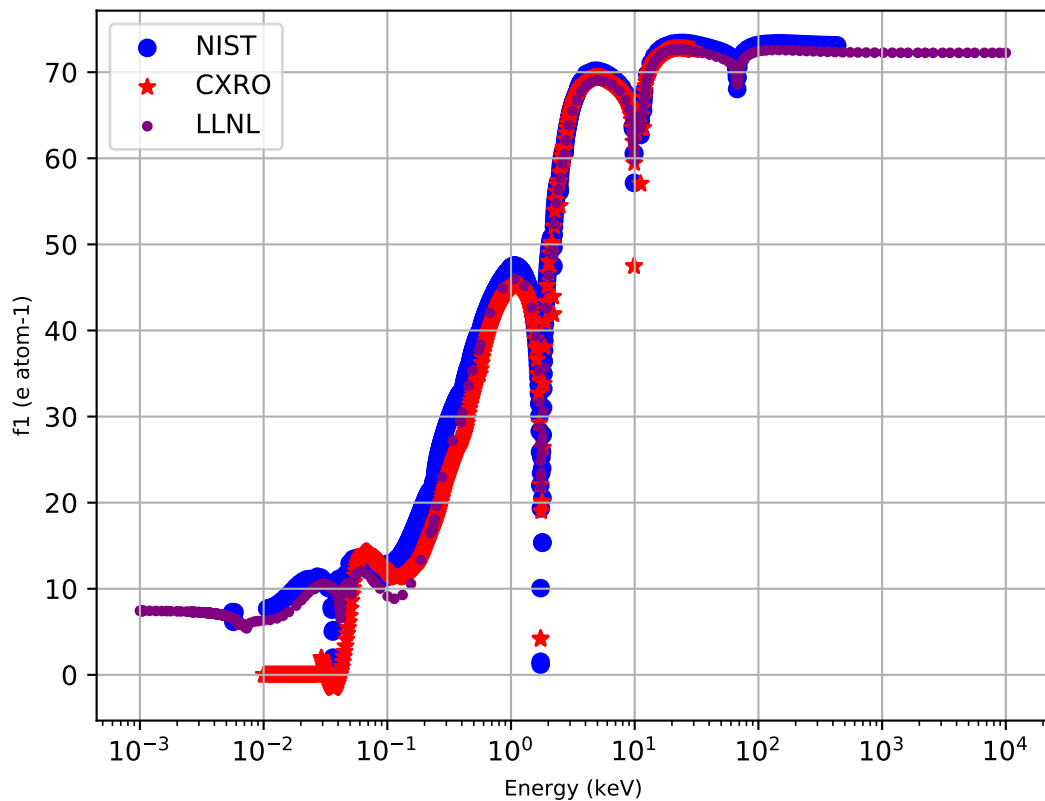
f1 for Hf, Z = 72



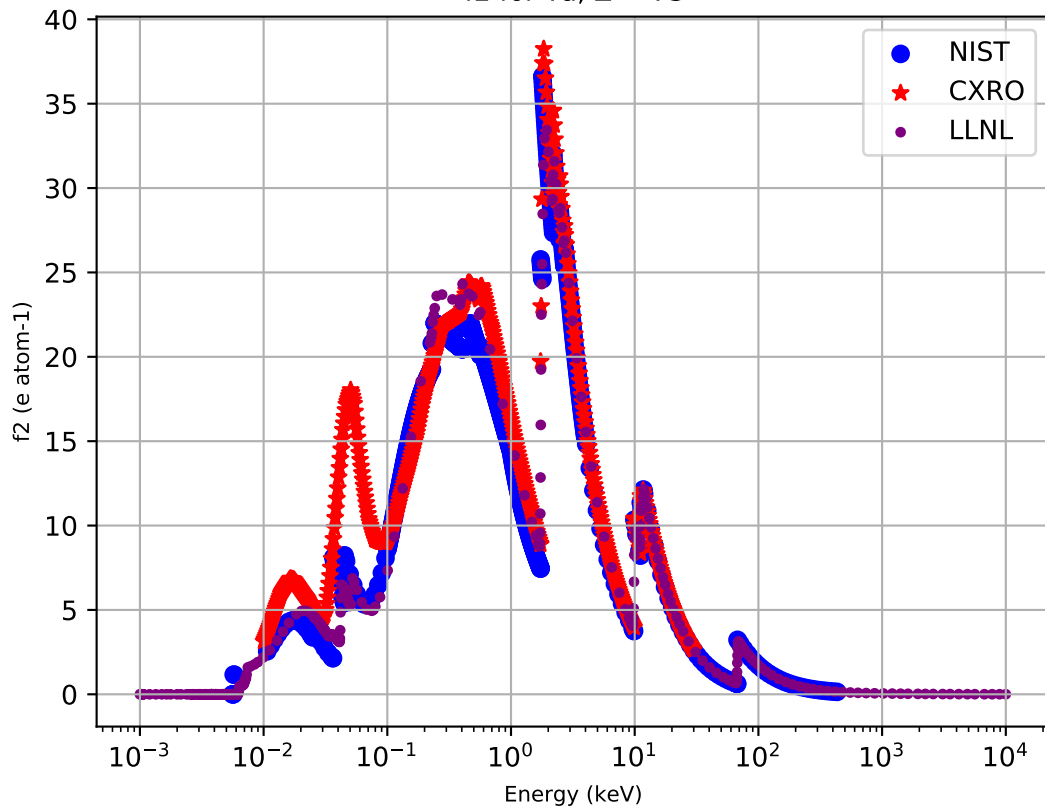
f2 for Hf, Z = 72



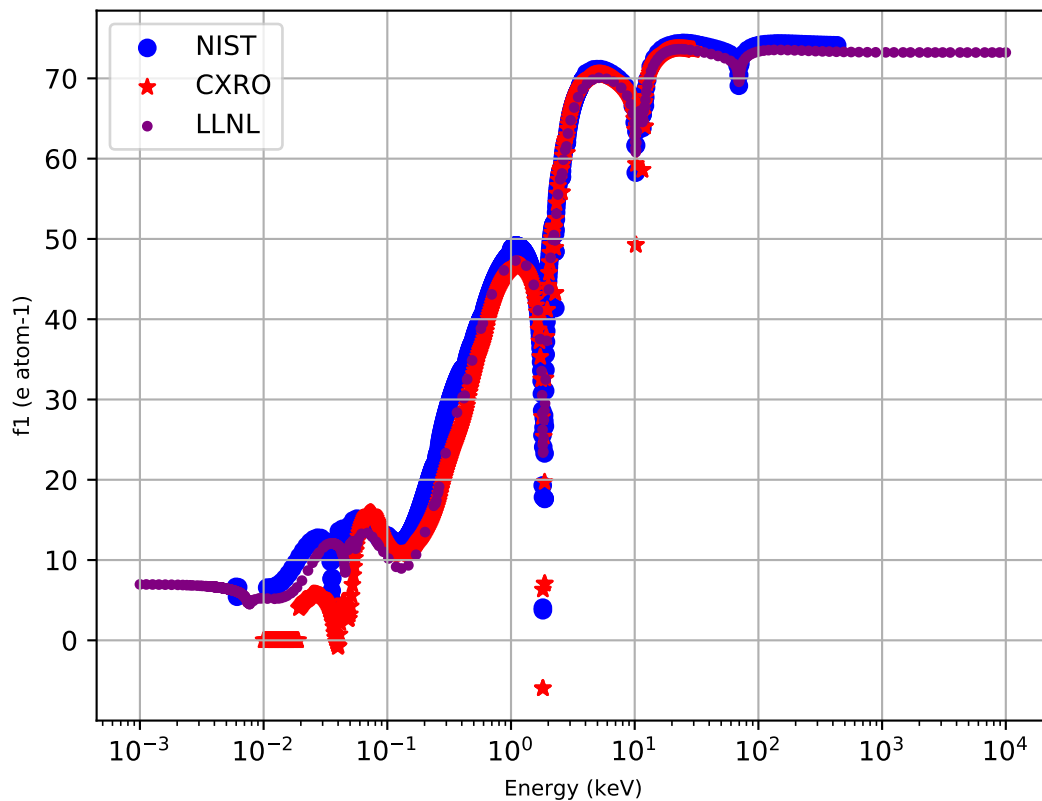
f1 for Ta, Z = 73



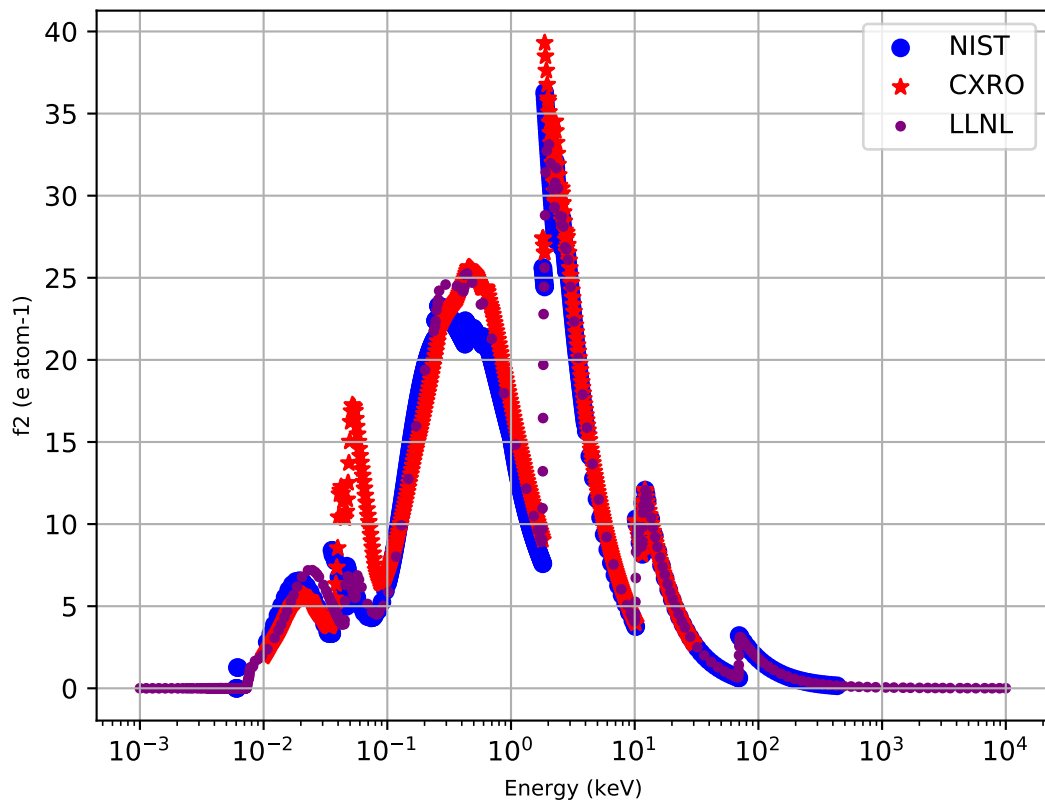
f2 for Ta, Z = 73



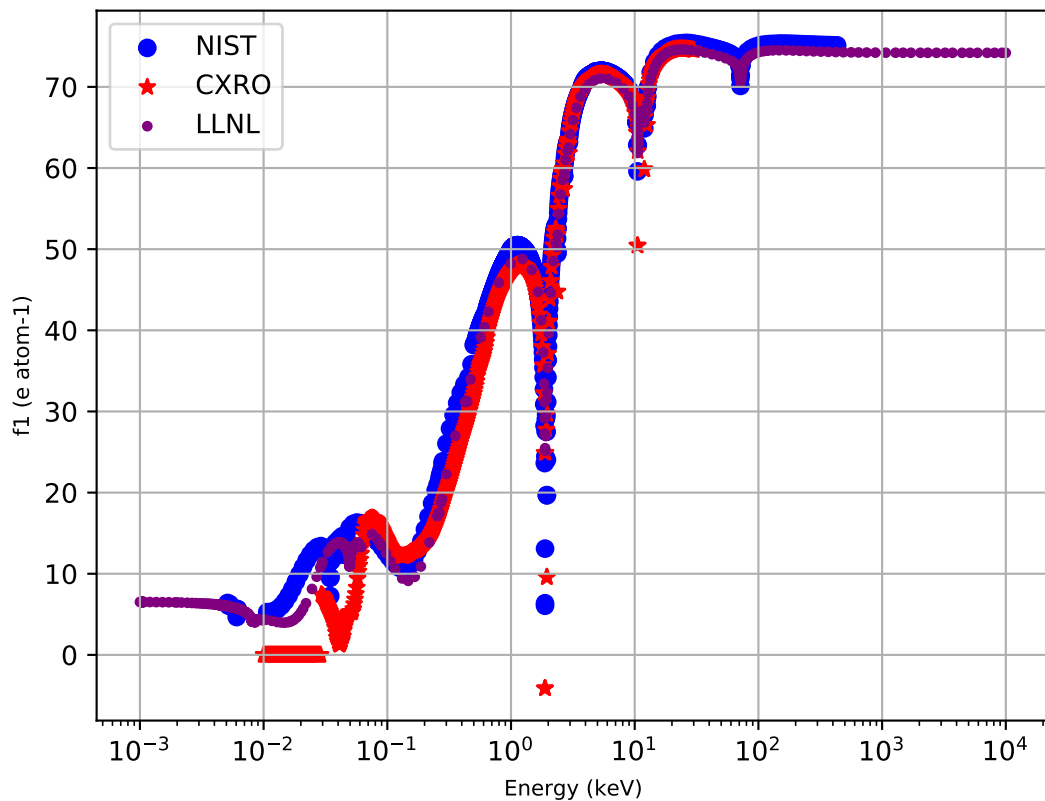
f1 for W, Z = 74



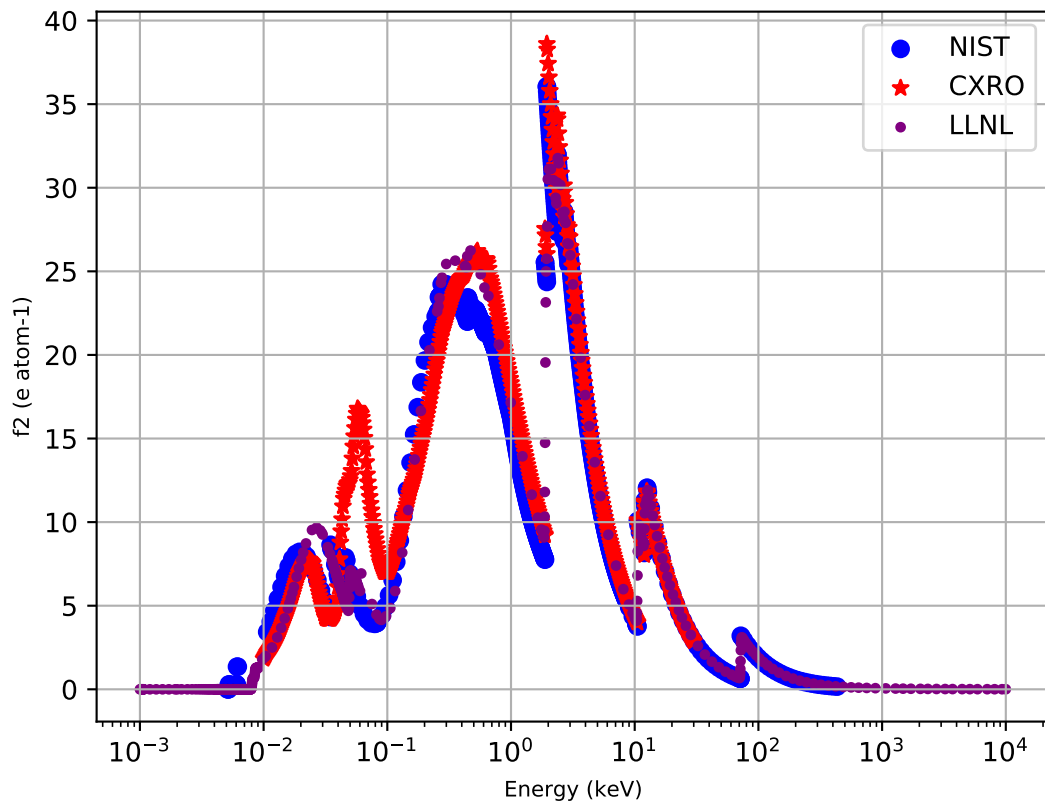
f2 for W, Z = 74



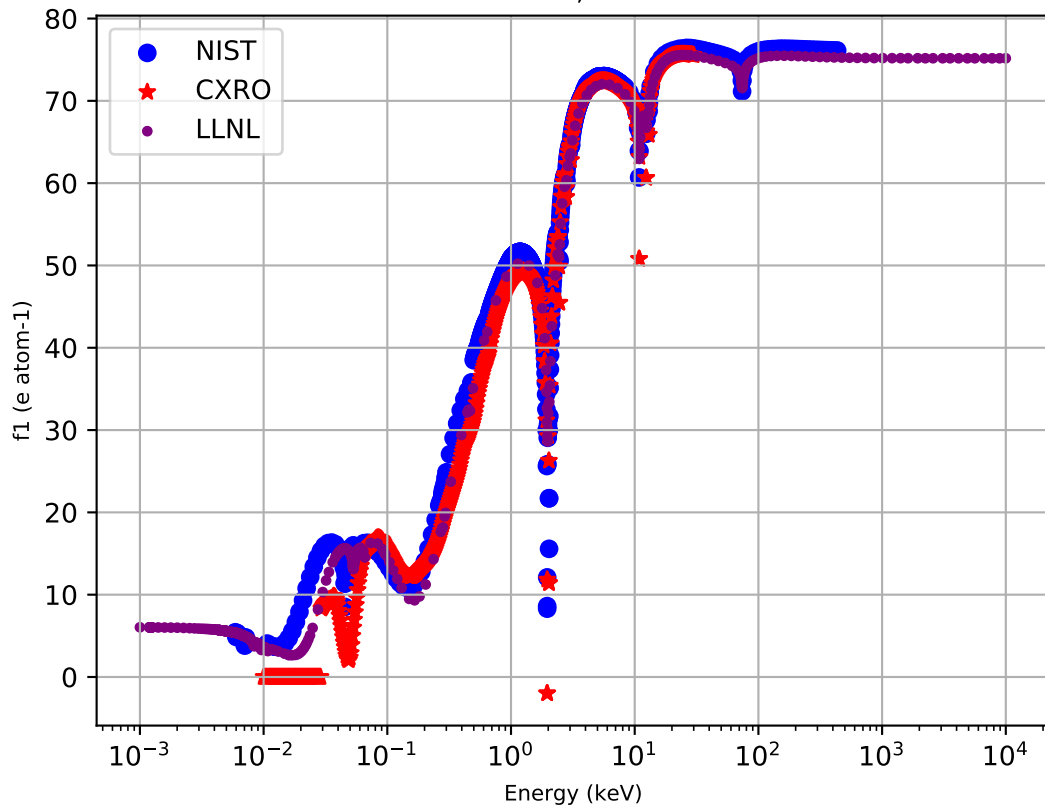
f1 for Re, Z = 75



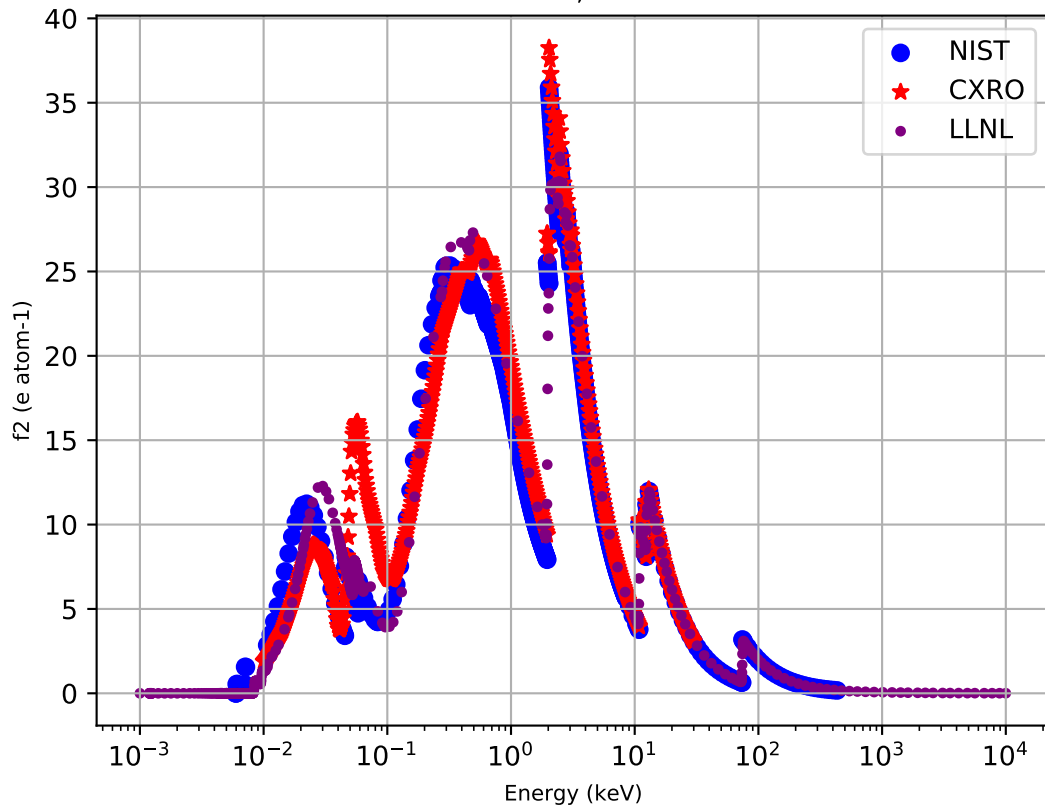
f2 for Re, Z = 75



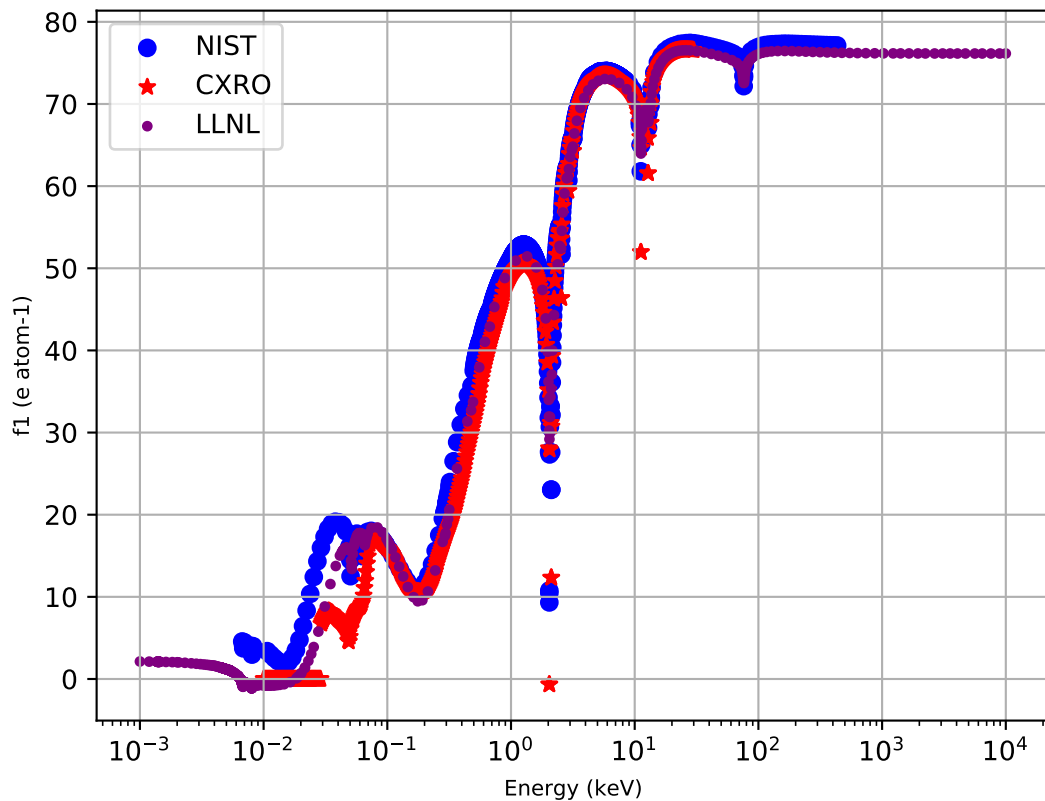
f1 for Os, Z = 76



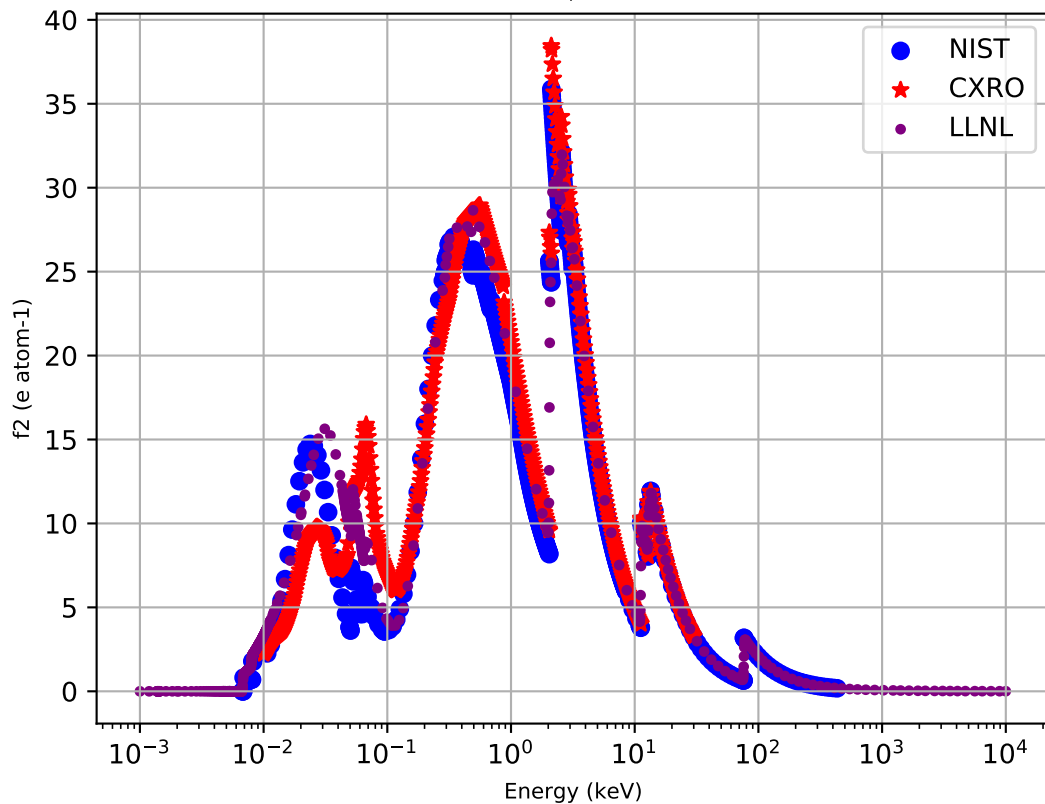
f2 for Os, Z = 76



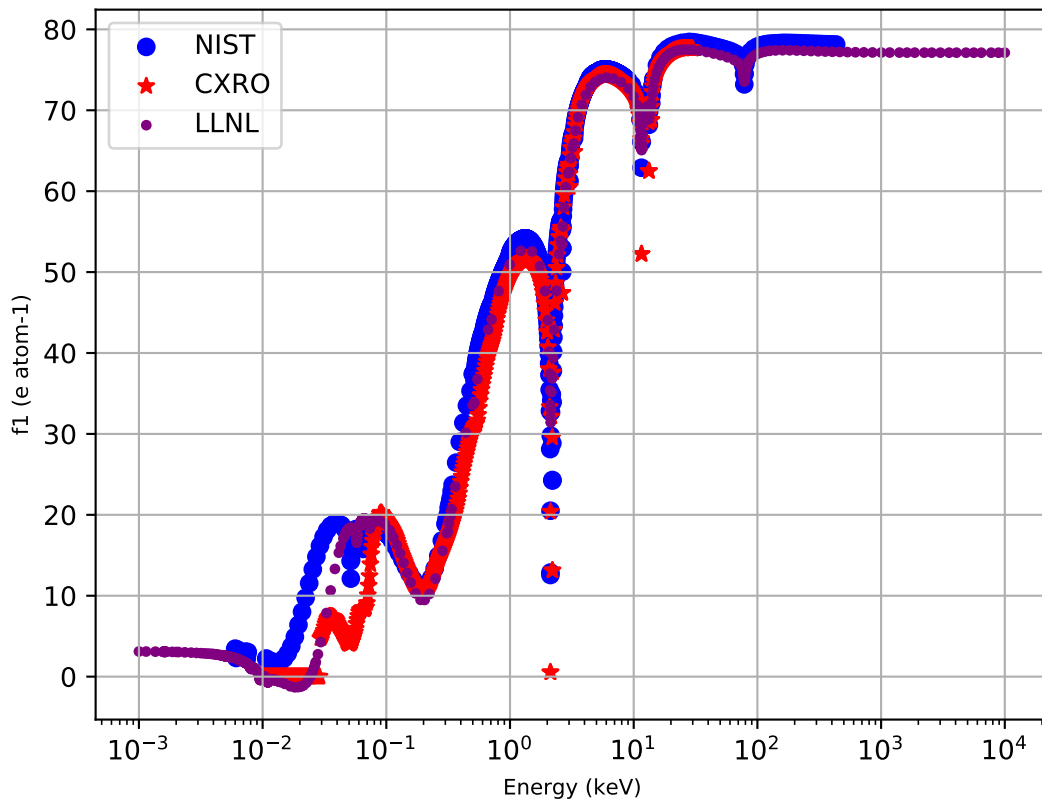
f1 for Ir, Z = 77



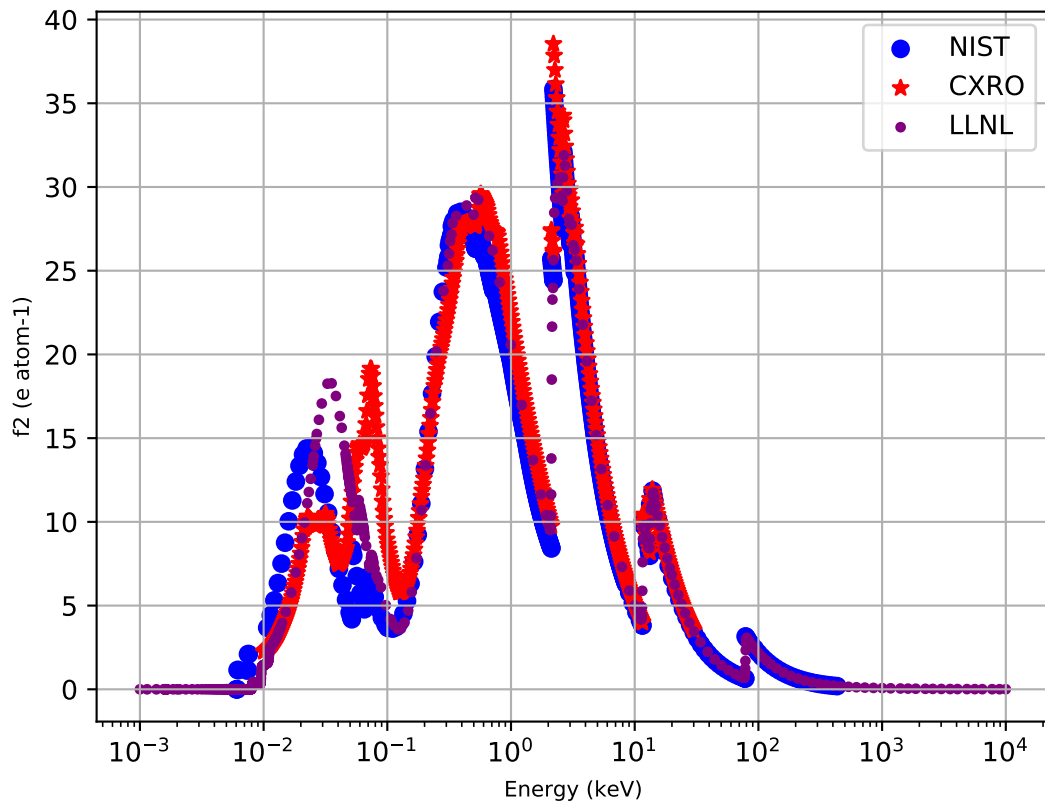
f2 for Ir, Z = 77



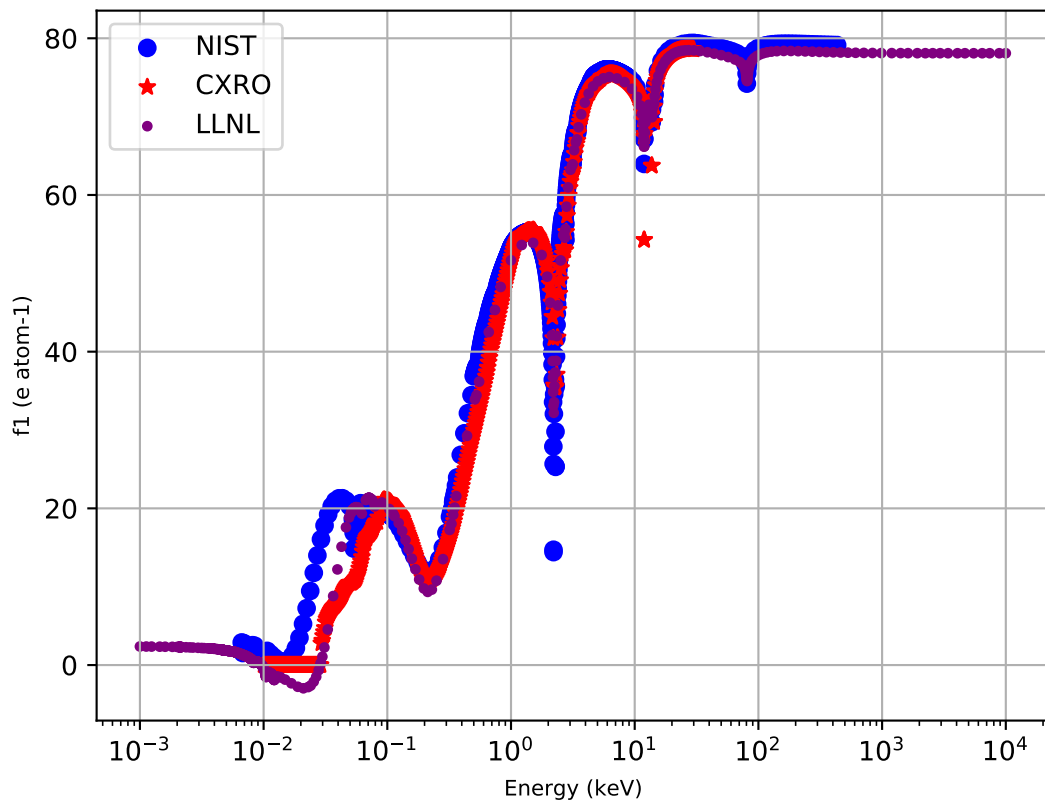
f1 for Pt, Z = 78



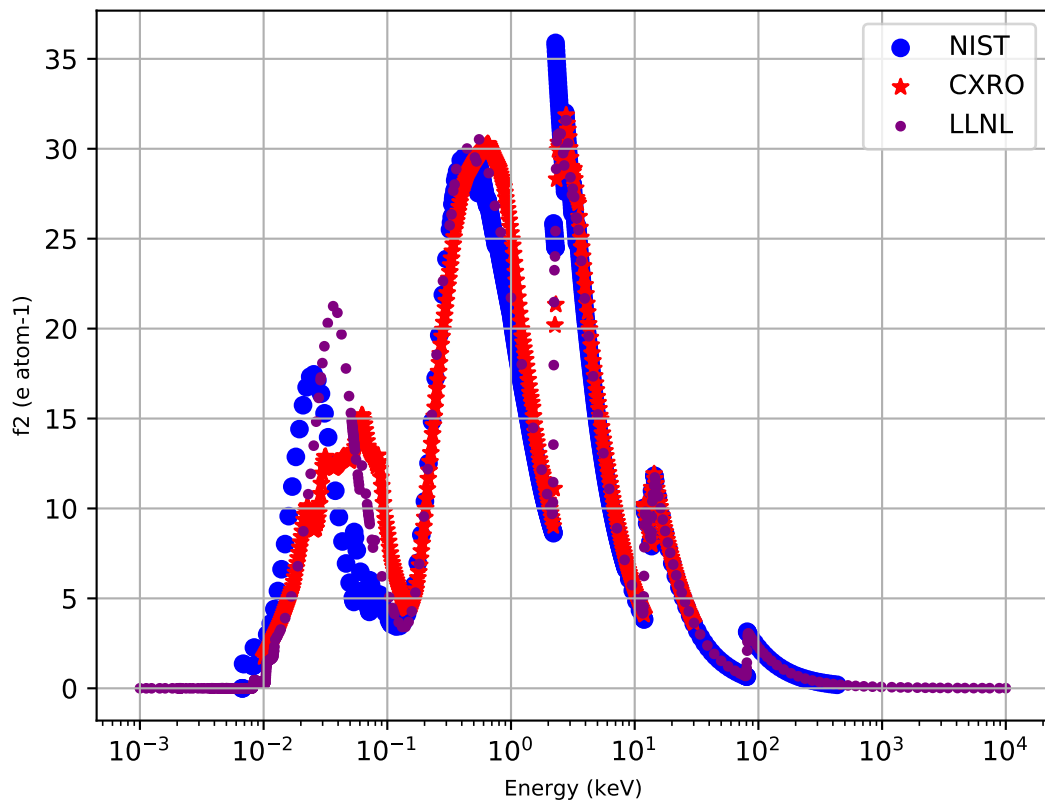
f2 for Pt, Z = 78



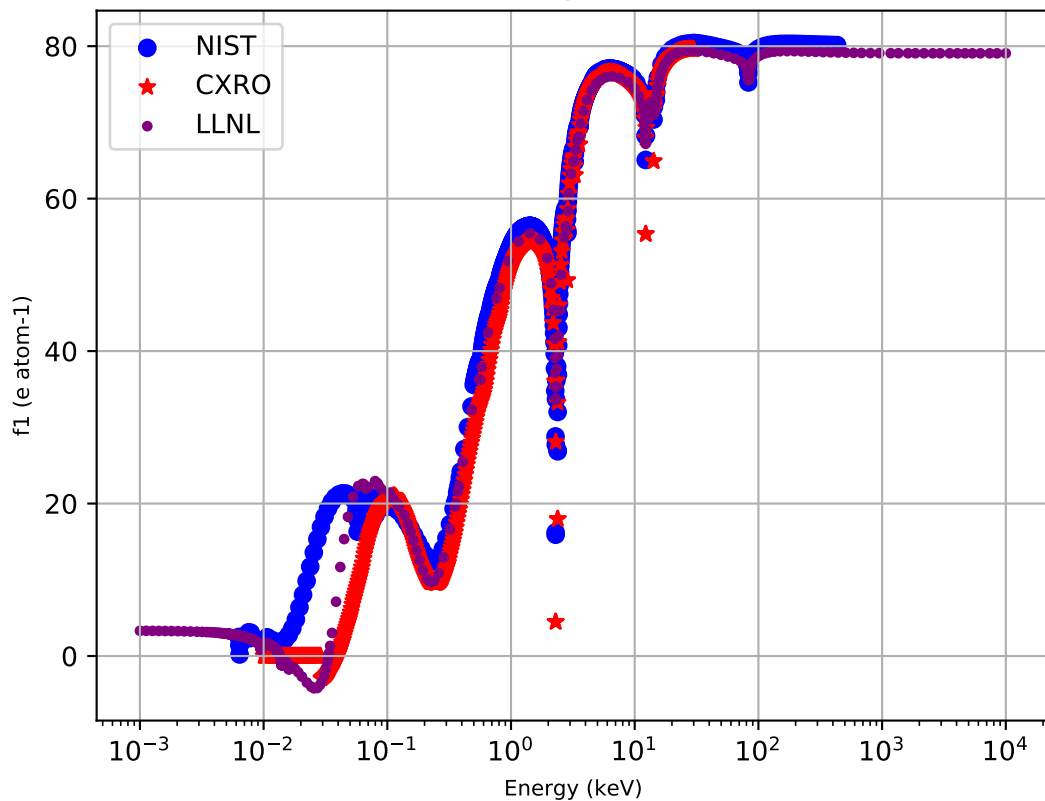
f1 for Au, Z = 79



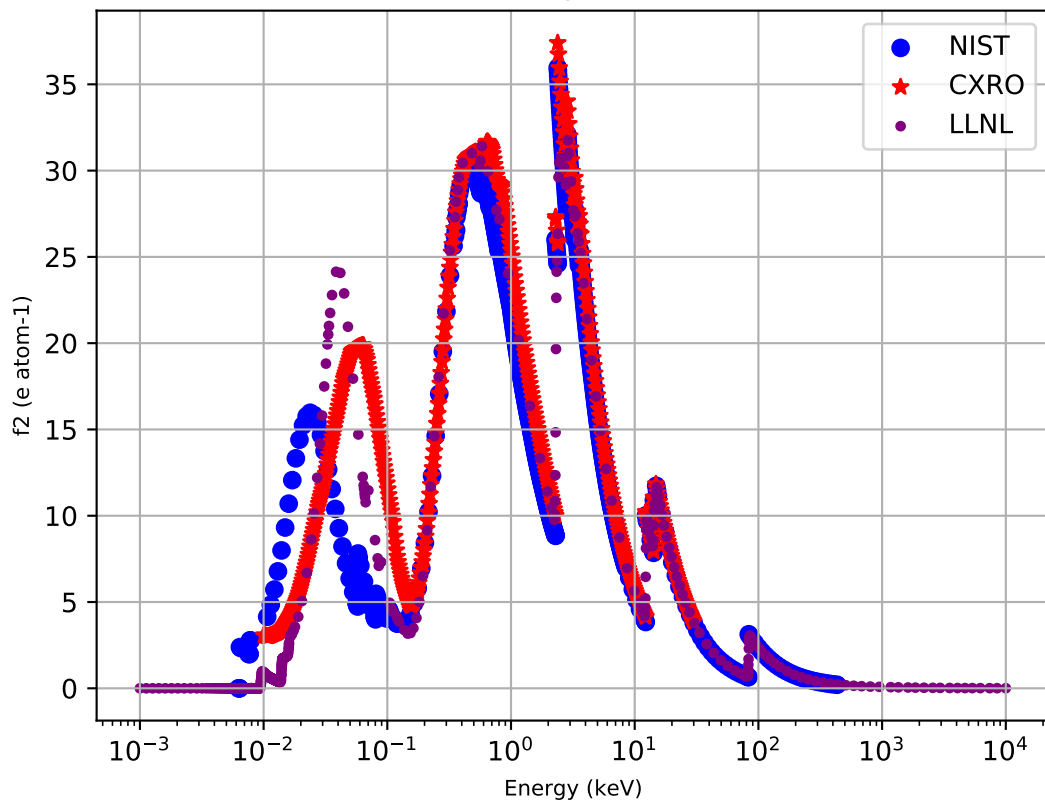
f2 for Au, Z = 79



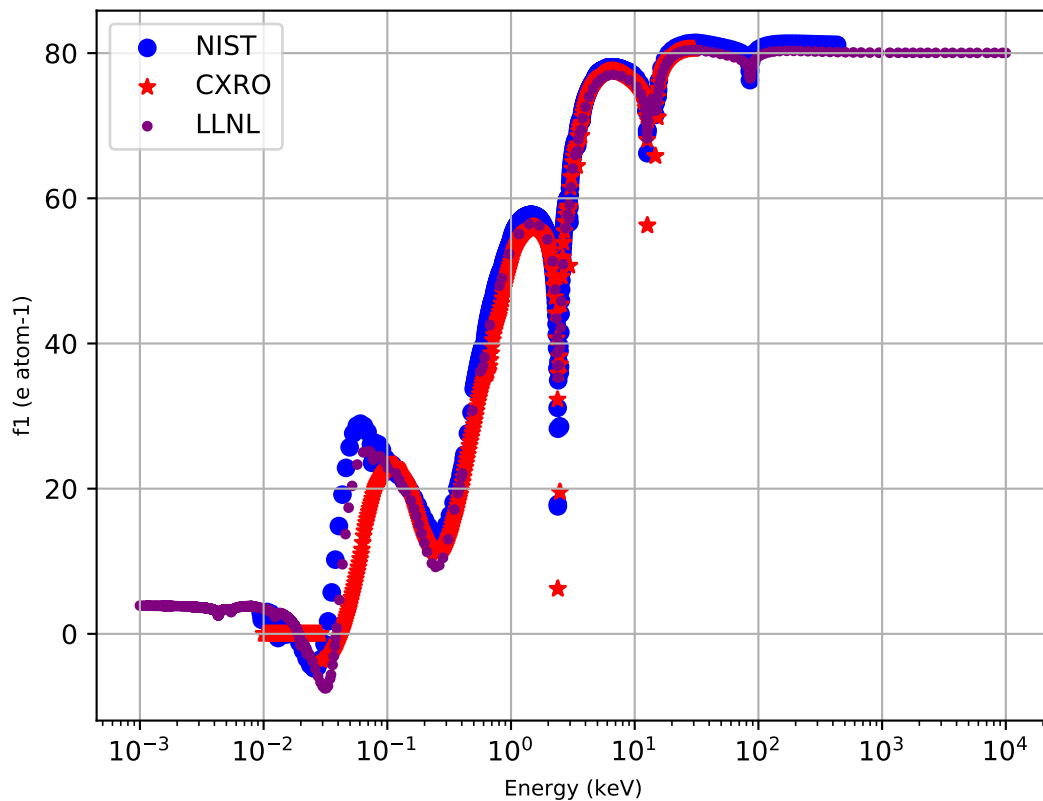
f1 for Hg, Z = 80



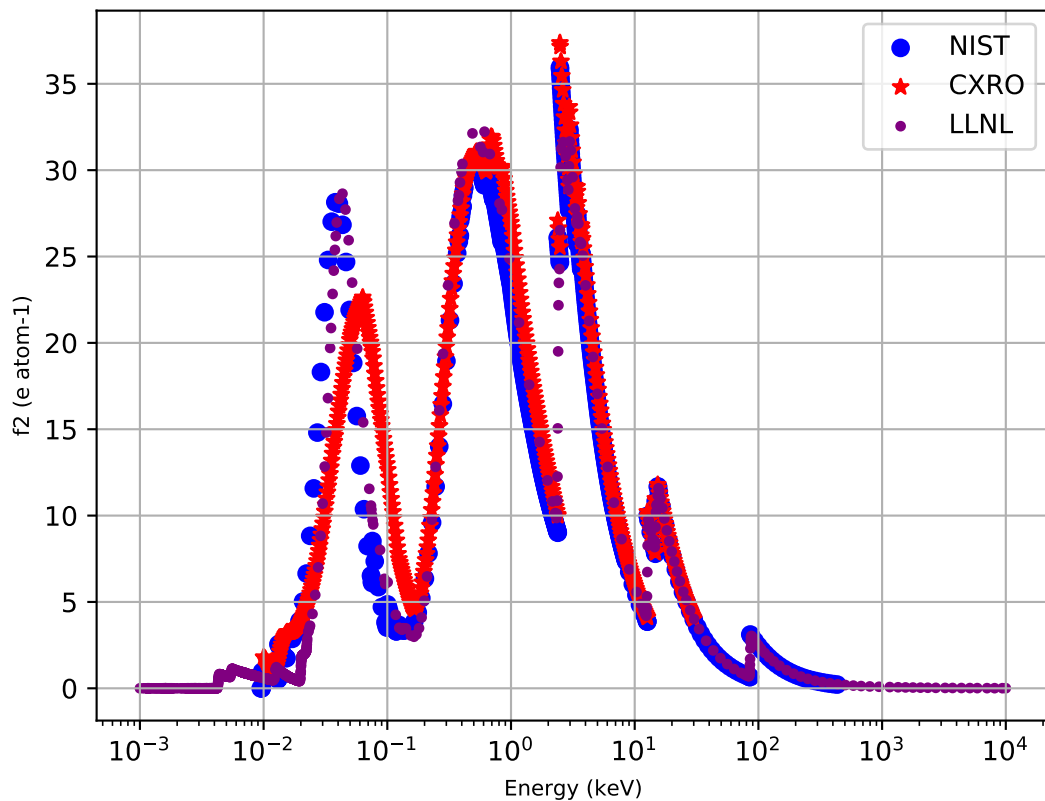
f2 for Hg, Z = 80



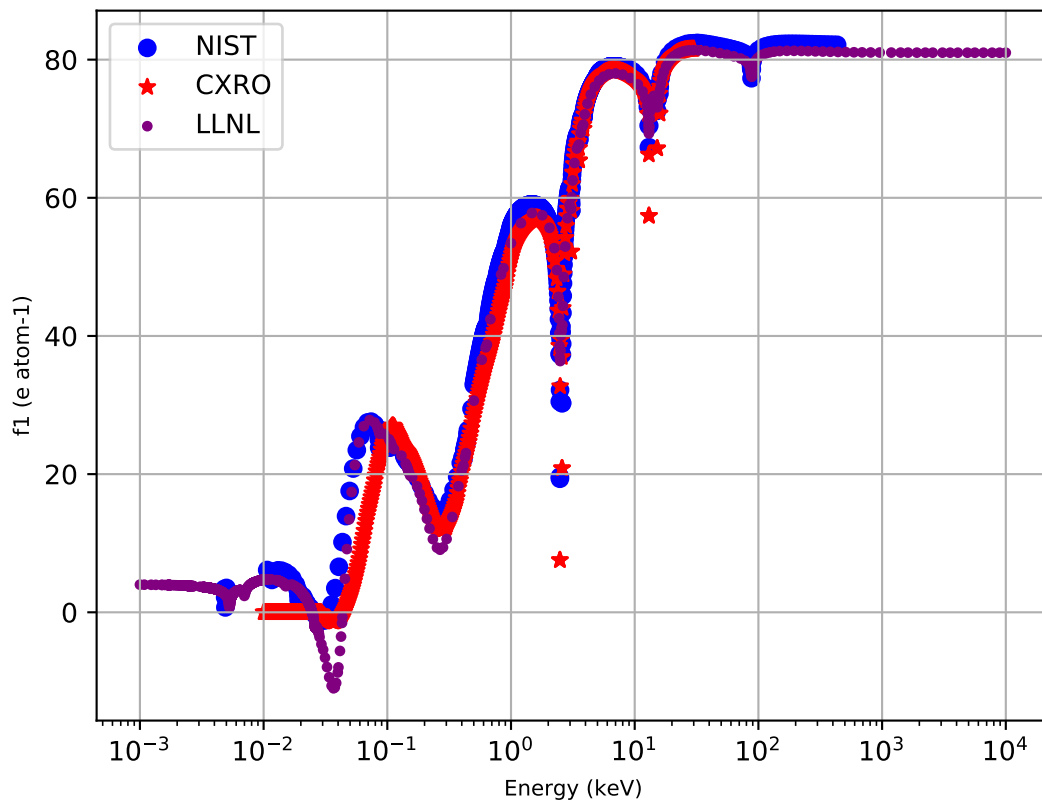
f1 for Tl, Z = 81



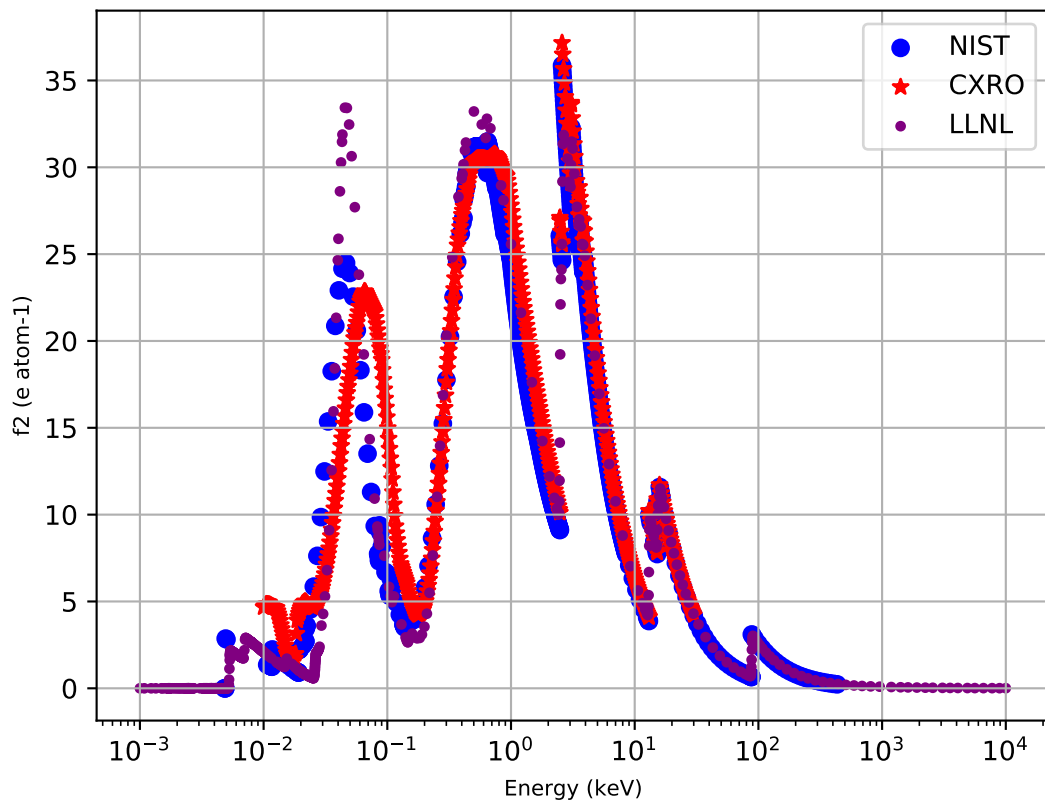
f2 for Tl, $Z = 81$



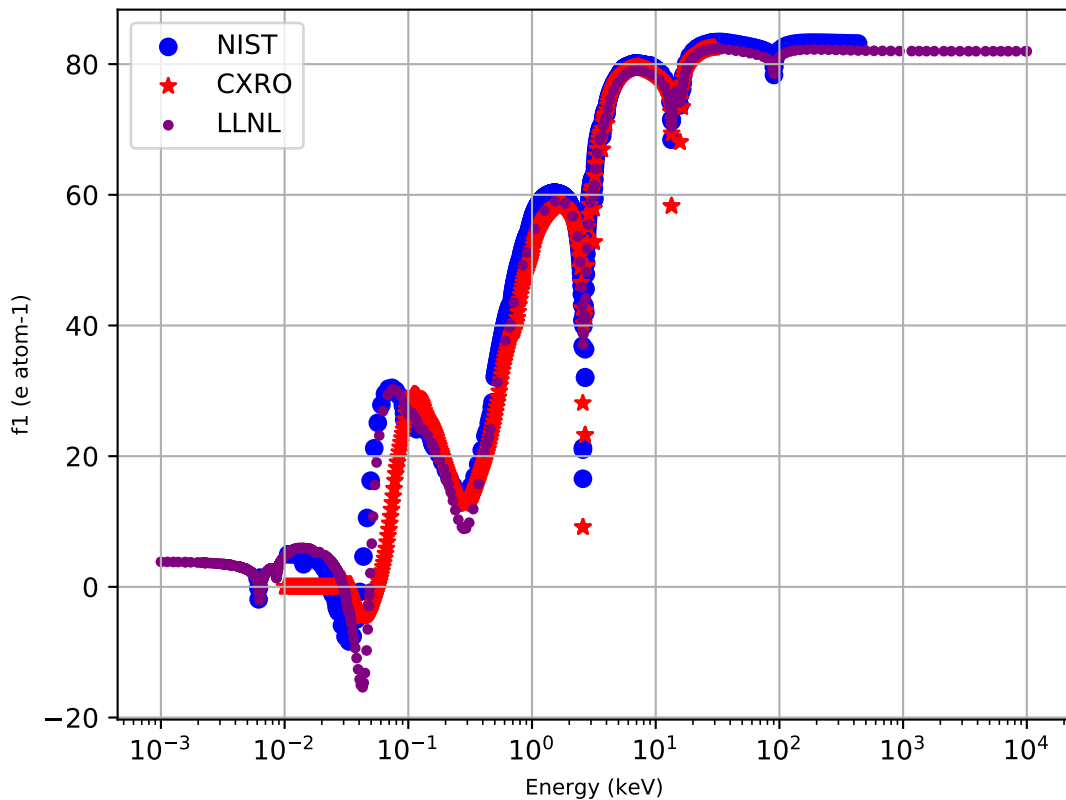
f1 for Pb, Z = 82



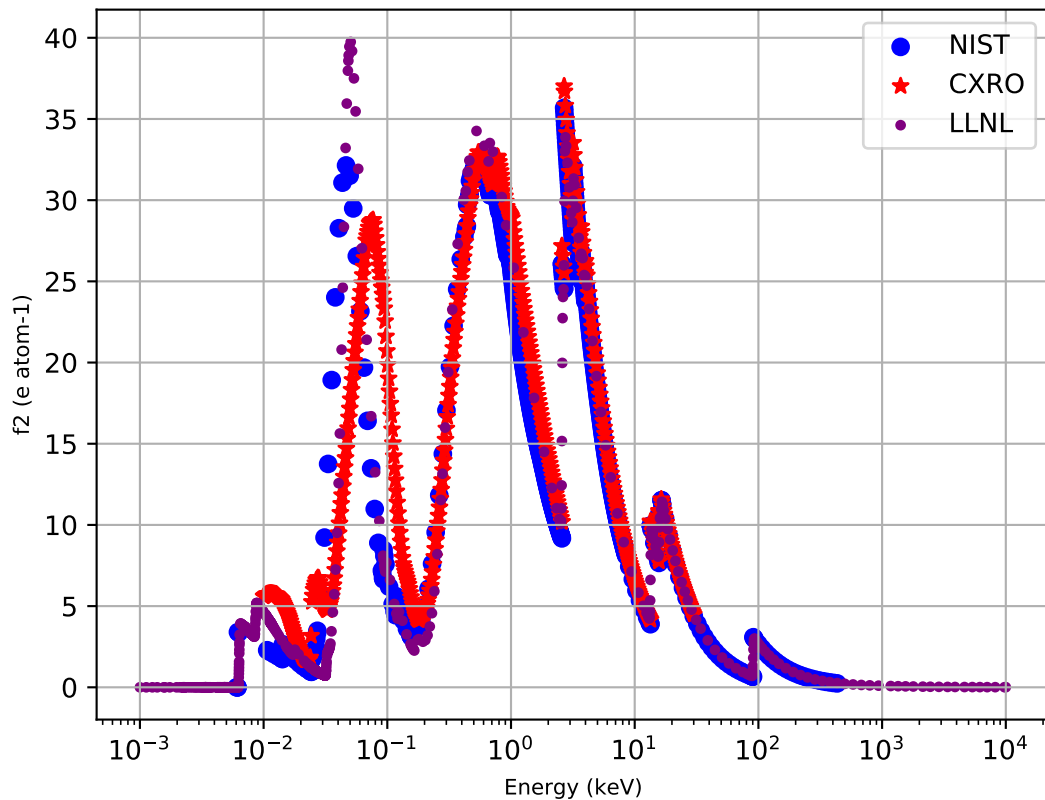
f2 for Pb, Z = 82



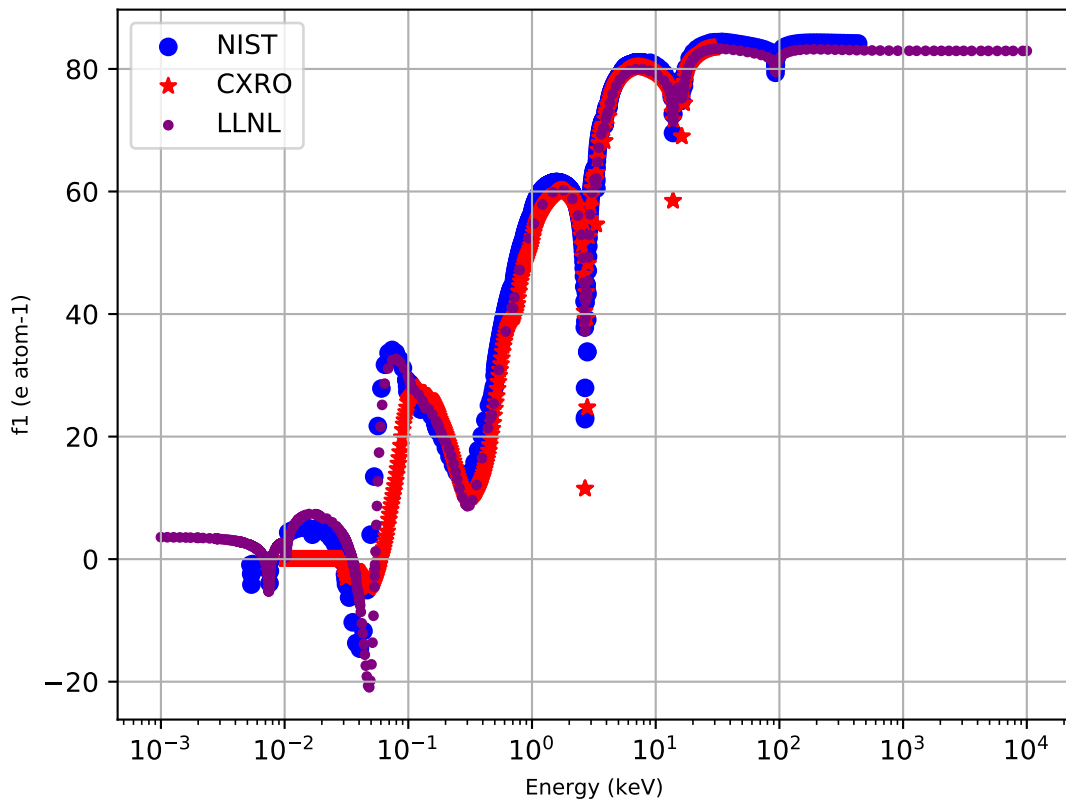
f1 for Bi, Z = 83



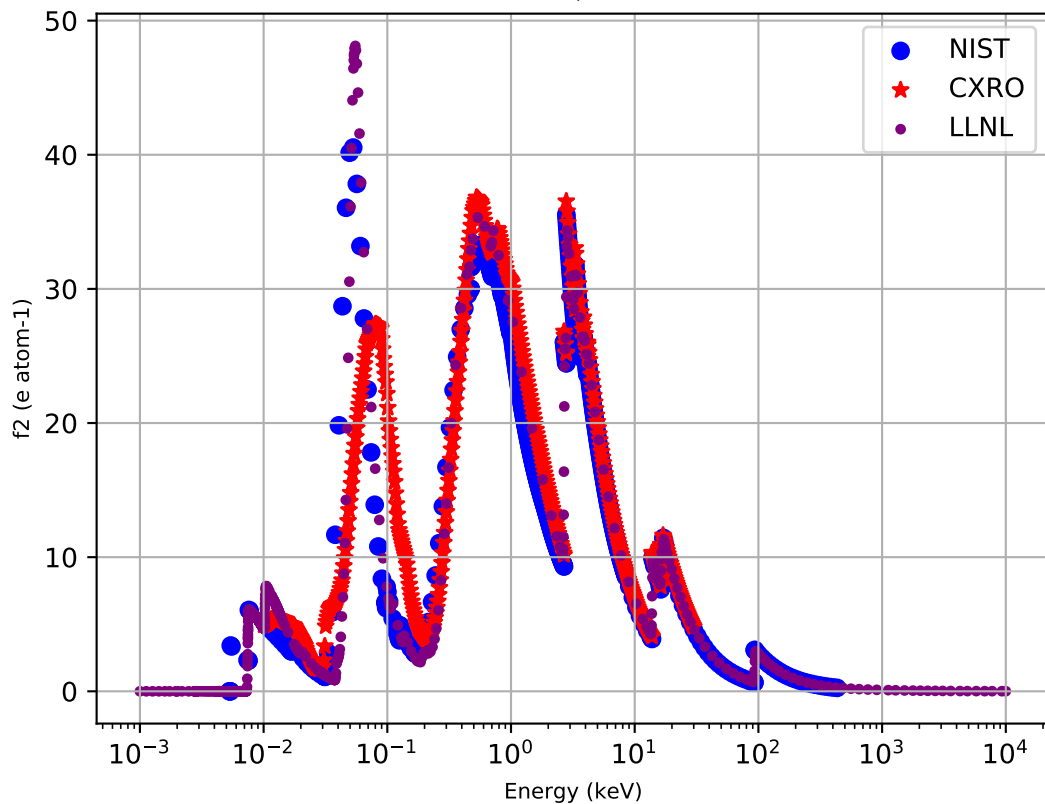
f2 for Bi, Z = 83

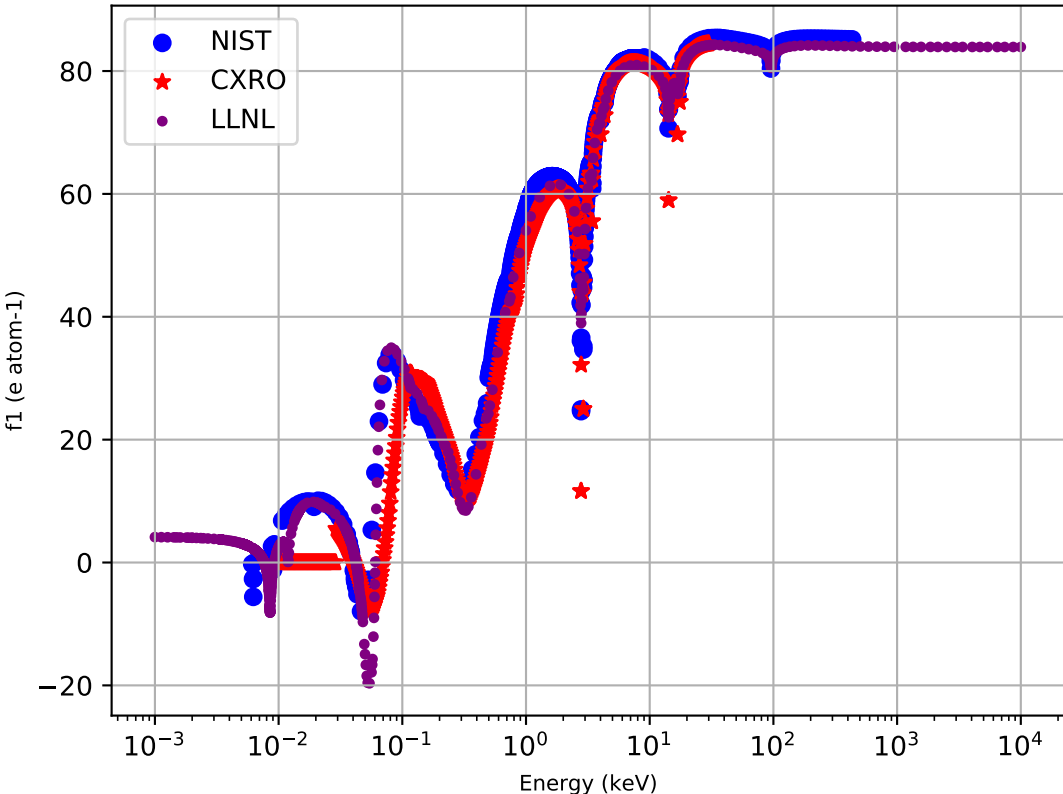


f1 for Po, Z = 84

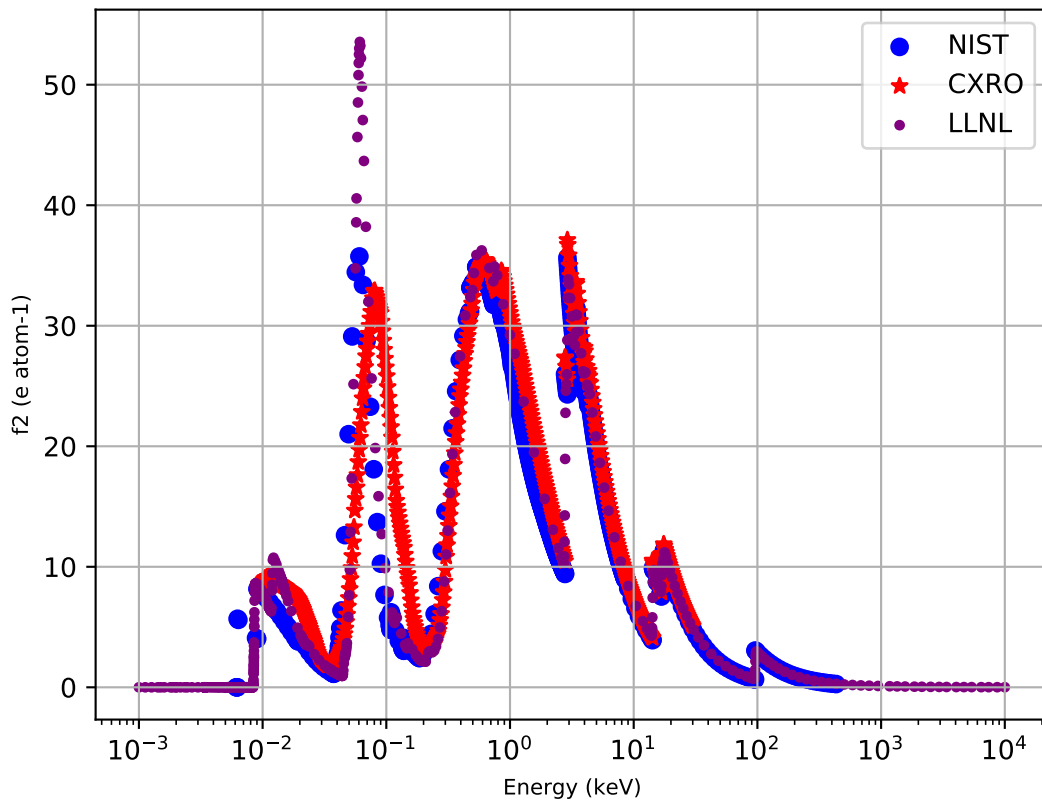


f2 for Po, Z = 84

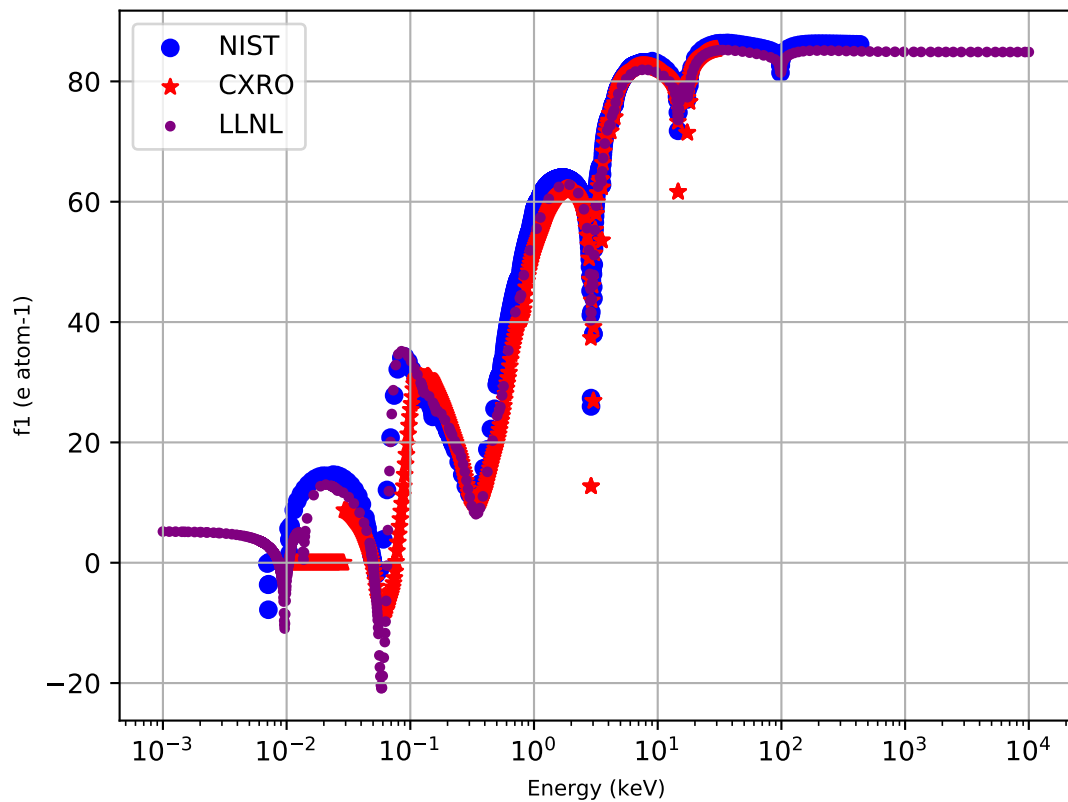


f1 for At, $Z = 85$ 

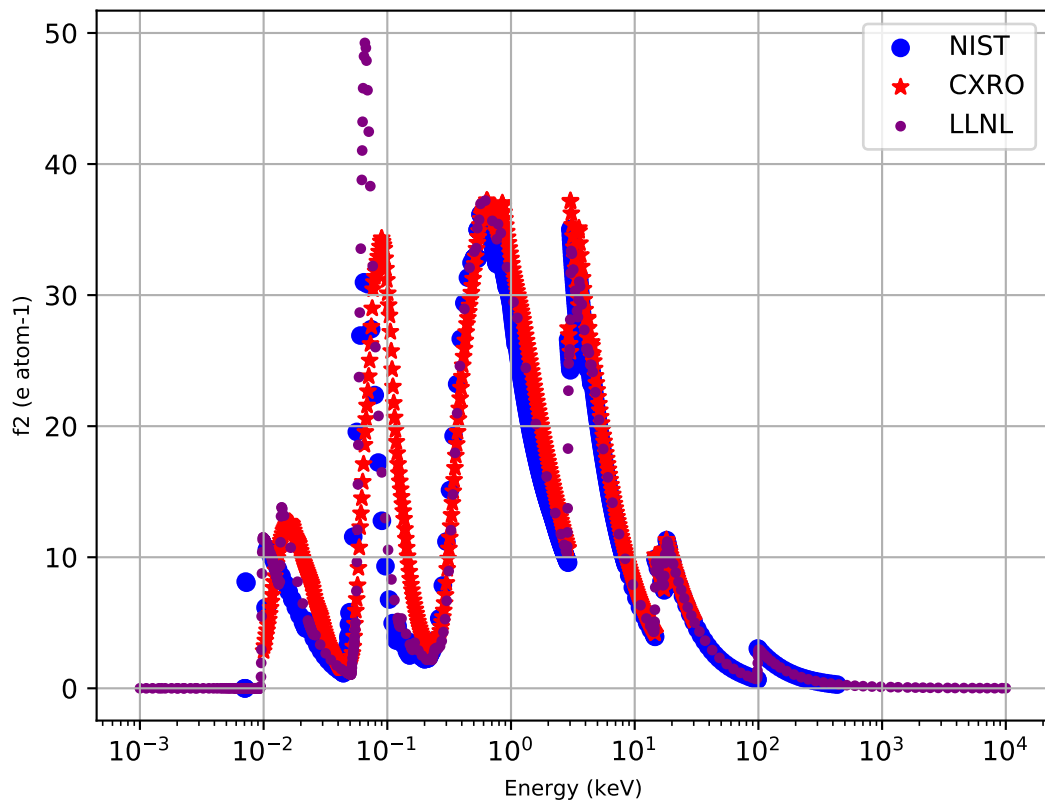
f2 for At, Z = 85



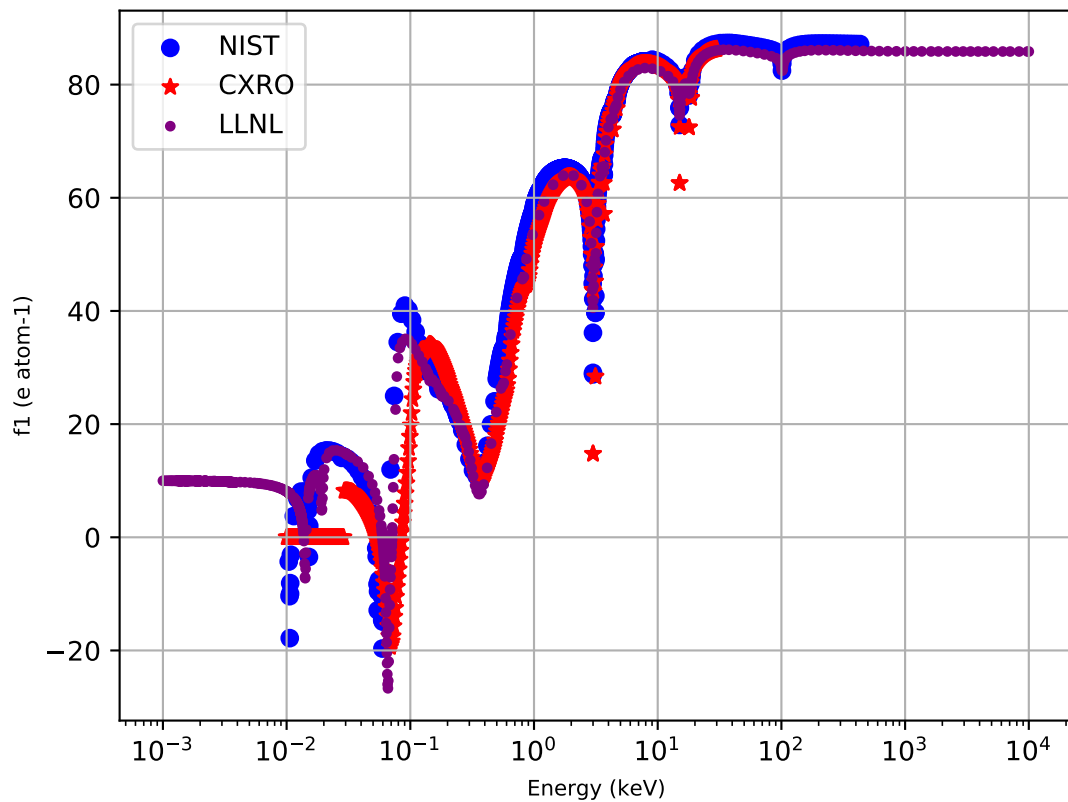
f1 for Rn, Z = 86



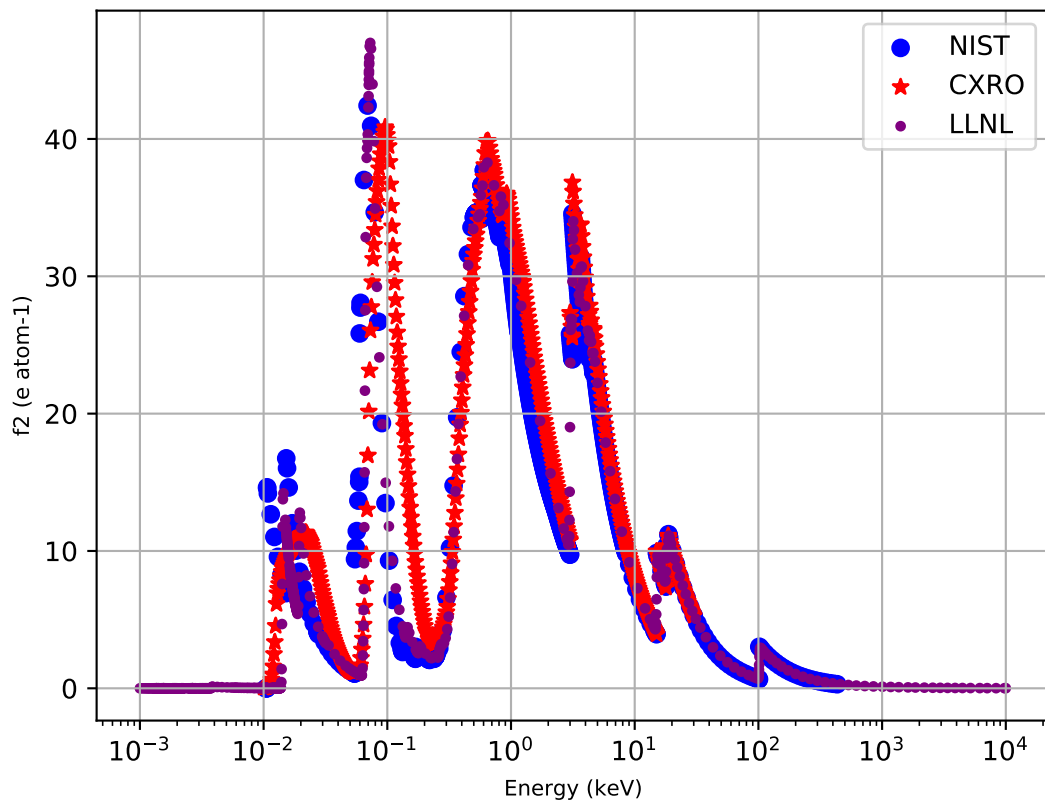
f2 for Rn, Z = 86



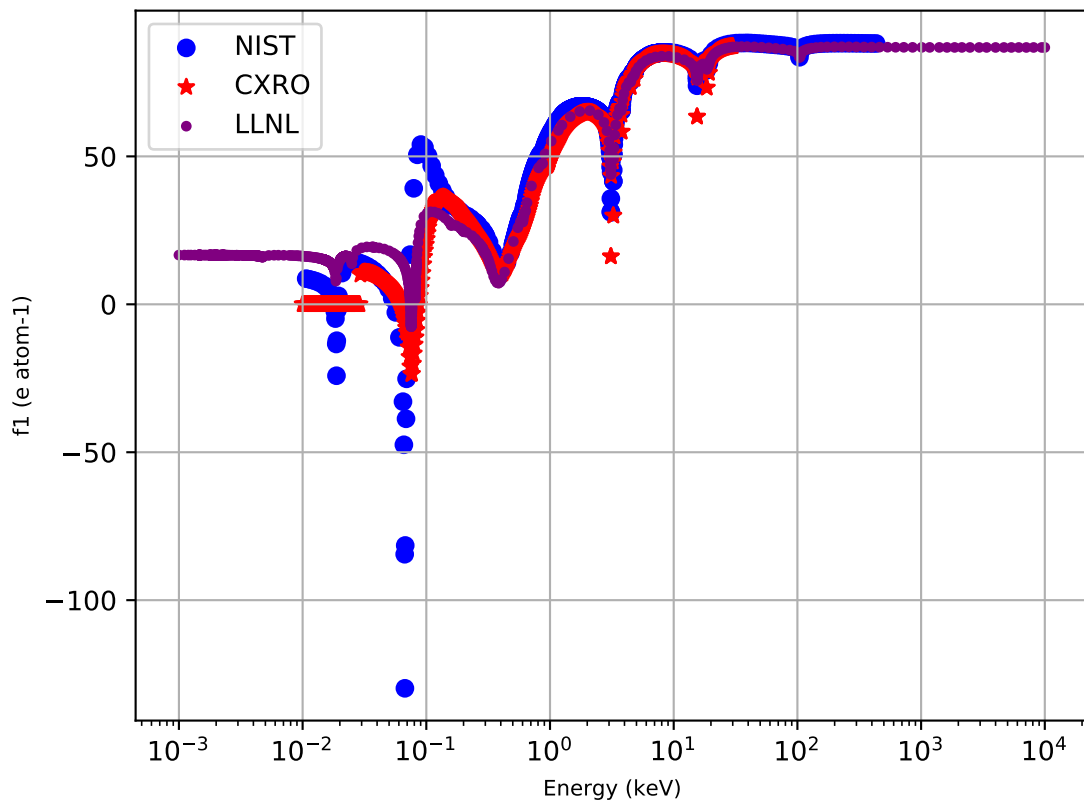
f1 for Fr, $Z = 87$



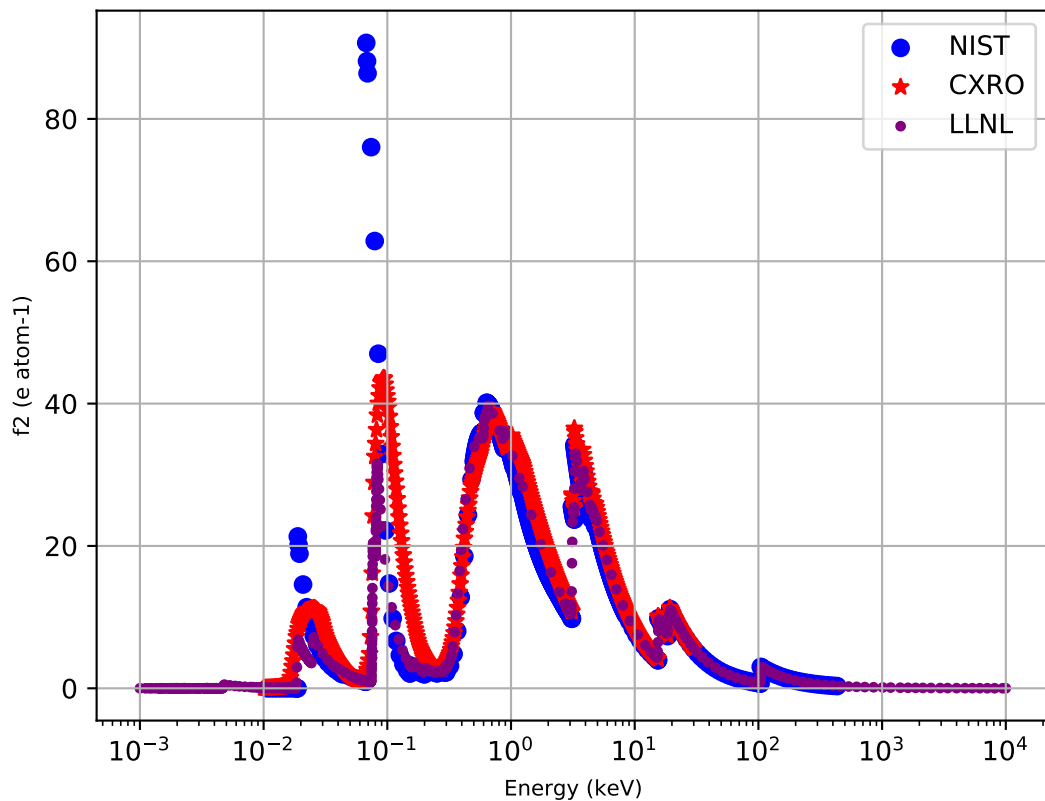
f2 for Fr, $Z = 87$



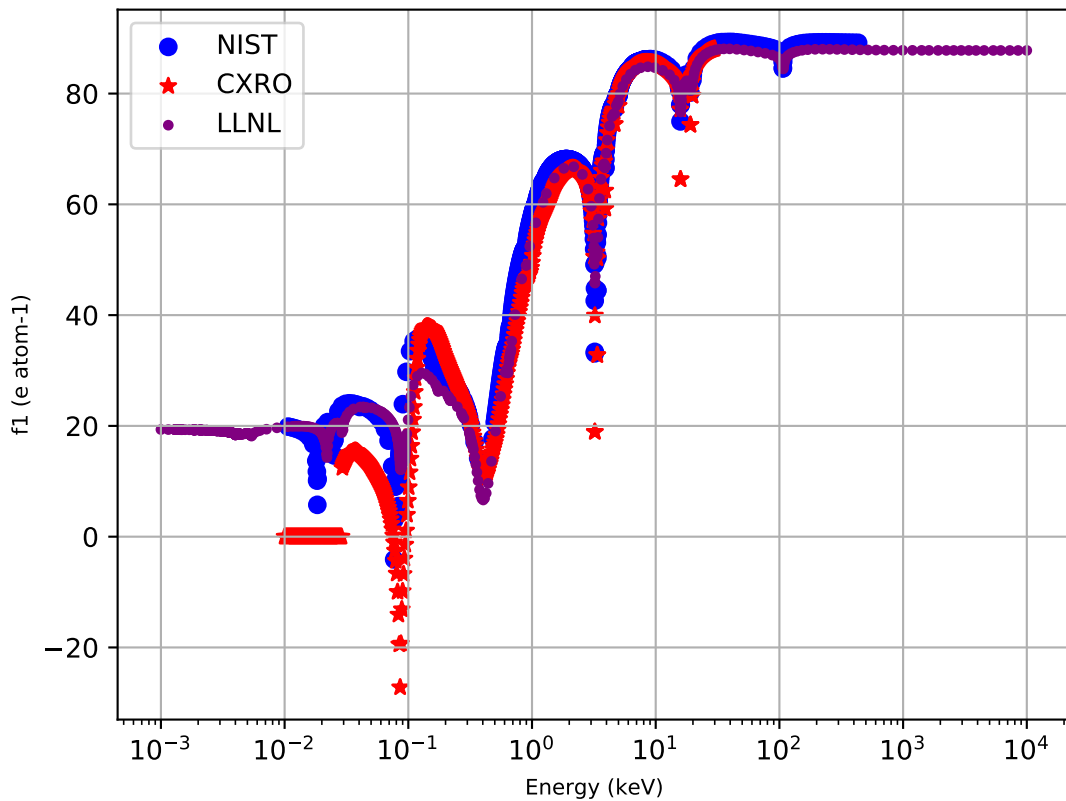
f1 for Ra, $Z = 88$



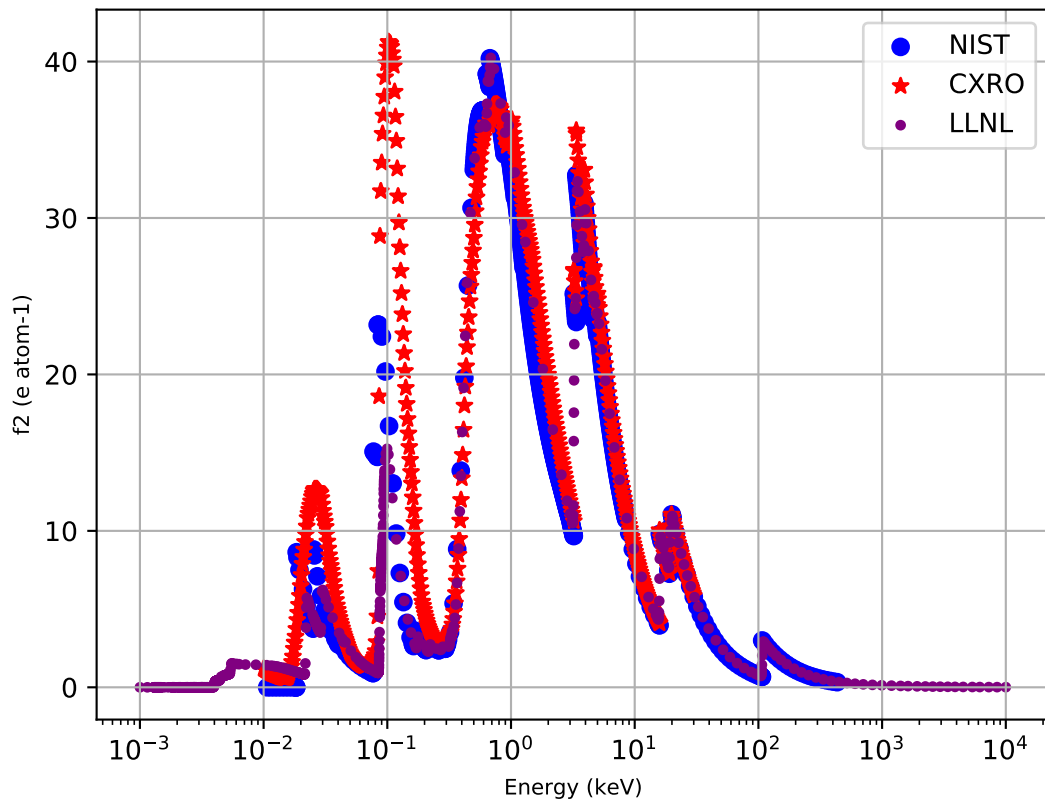
f2 for Ra, Z = 88



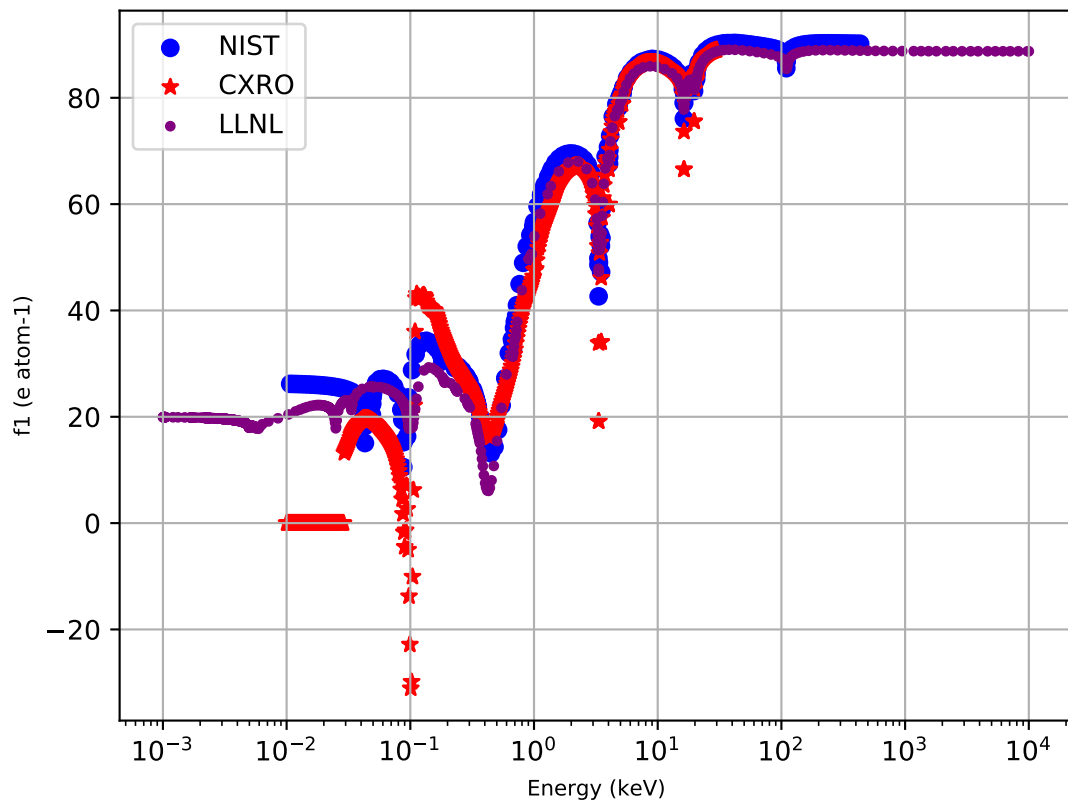
f1 for Ac, Z = 89



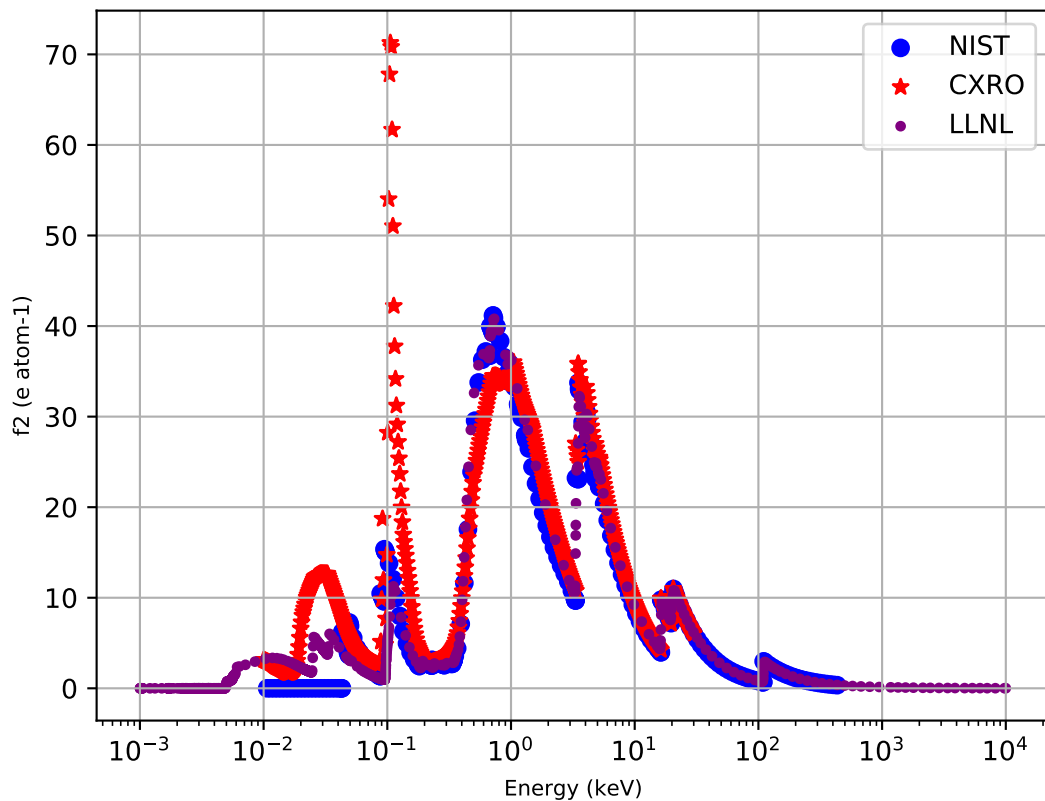
f2 for Ac, Z = 89



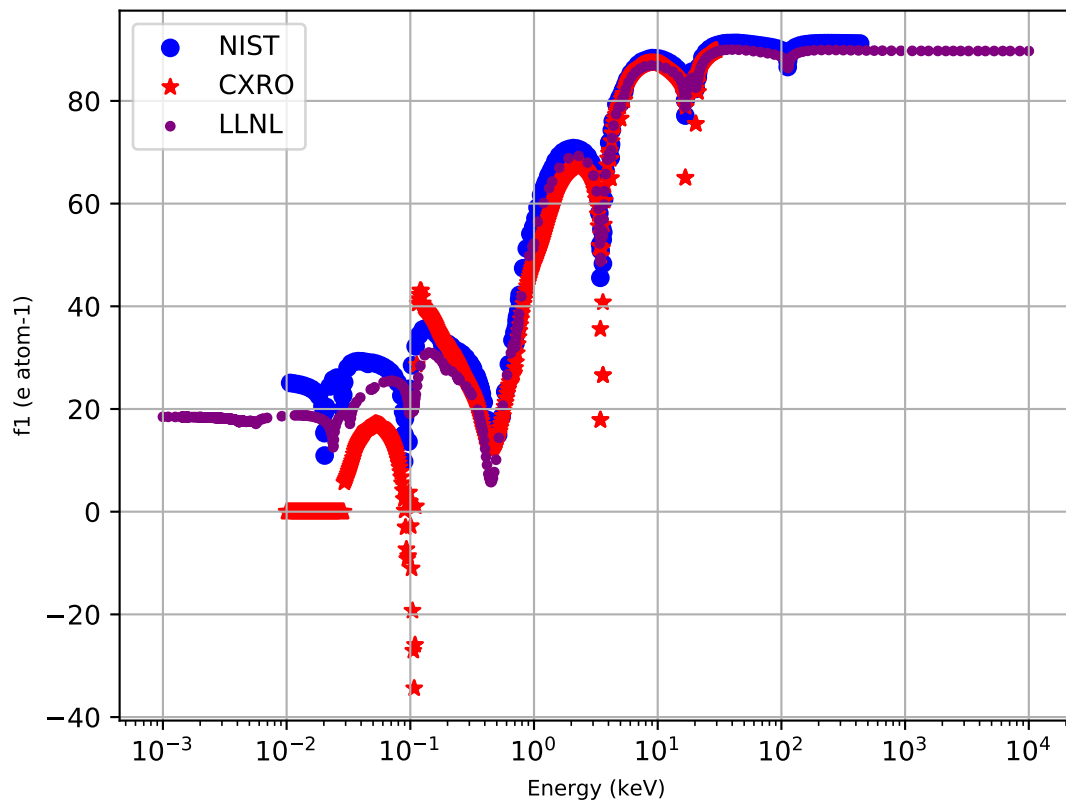
f1 for Th, Z = 90



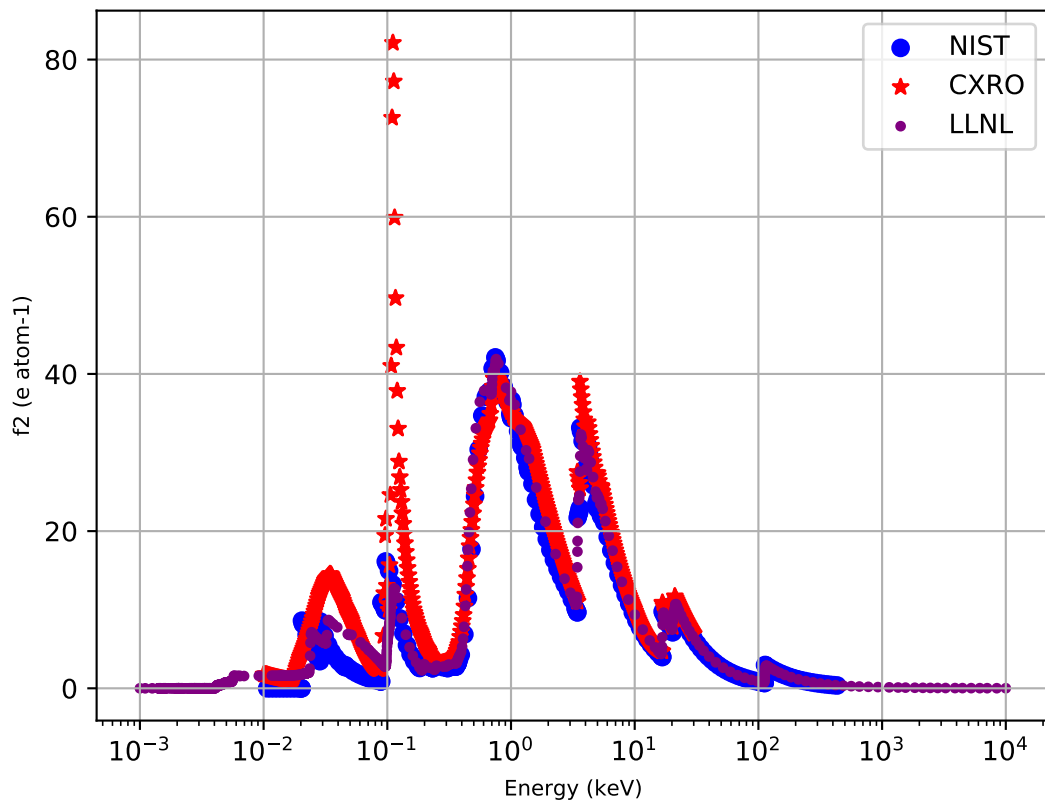
f2 for Th, Z = 90



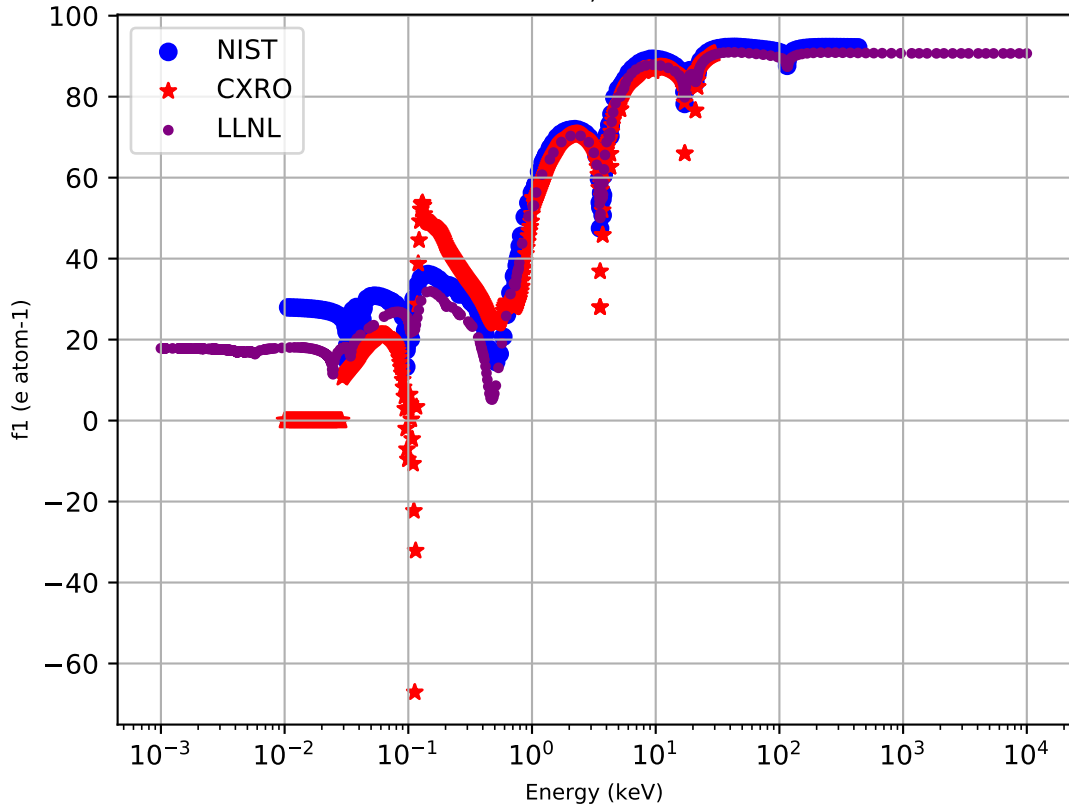
f1 for Pa, $Z = 91$



f2 for Pa, $Z = 91$



f1 for U, Z = 92



f2 for U, Z = 92

