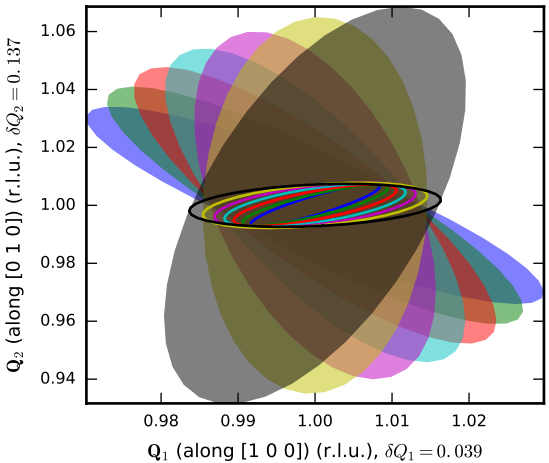

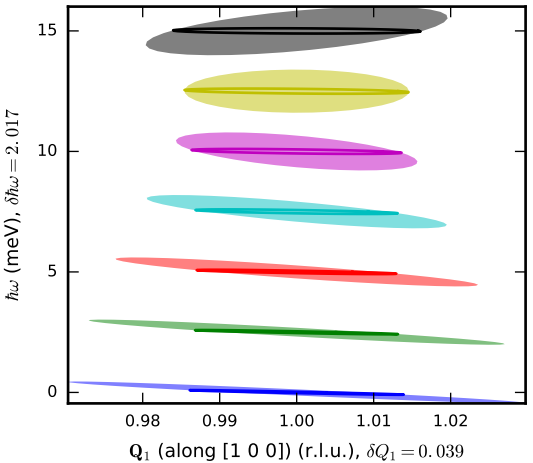

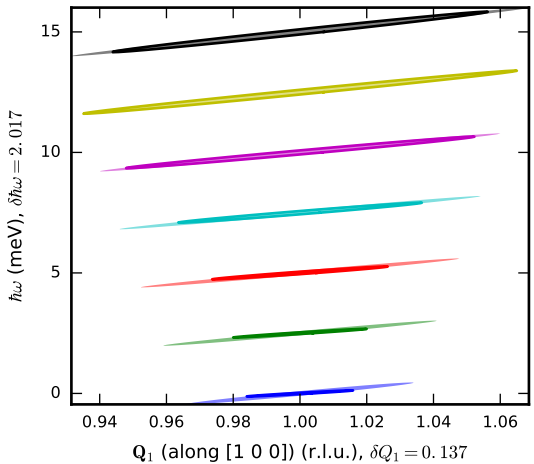

Method: Cooper-Nathans
Position HKLE [16-Feb-2017 14:11:00]

[Q_H, Q_K, Q_L, E] = [1.0, 1.0, 0.0, array([0. , 2.5, 5. , 7.5, 10. , 12.5, 15.])]

Resolution Matrix M in [Q1,Q2,Qz,E] (M/10^4):
[[9.0017□-9.1153□0.0000□1.2309]
[-9.1153□11.8231□0.0000□-1.4360]
[0.0000□0.0000□0.0635□0.0000]
[1.2309□-1.4360□0.0000□0.1828]]

Resolution volume: V_0=0.000025 meV/A^3
Intensity prefactor: R_0=1831.893
Bragg width in [Q_1,Q_2,E] (FWHM):
dQ_1=0.016 dQ_2=0.014 [A-1] dE=0.110 [meV]
dQ_z=0.187 Vanadium width V=1.821 [meV]
Instrument parameters:
DM = 3.354 ETAM= 25.000 SM=-1
KFIX= 2.663 FX = 2 SS=1
DA = 3.354 ETAA= 25.000 SA=-1
A1= -20.59 A2=-41.18 A3=-115.60 A4=30.01 A5=-20.59 A6=-41.18 [deg]
Collimation [arcmin]:
Horizontal: [40, 40, 40, 40]
Vertical: [120, 120, 120, 120]
Sample:
a, b, c = [6, 7, 8] [Angs]
Alpha, Beta, Gamma = [90, 90, 90] [deg]
U = [1 0 0] [rlu]□V = [0 1 0] [rlu]