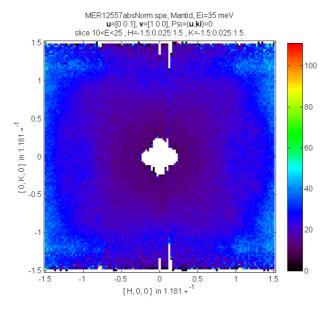
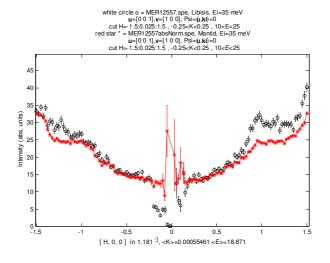


Maximal intensity -367:



Maximal Intensity 111:



MANTID SCRIPT: from qtiGenie import * from PySlice2 import * inst='MER' iliad_setup(inst) ext='.raw' mapfile='one2one 115' #det_cal_file must be specified if the reduction sends out put to a workpsace cal_file='MER12515.raw' #load vanadium file whitebeamfile="12515" LoadRaw(Filename=whitebeamfile,OutputWorkspace="wb_wksp",LoadLogFiles="0") ei=35 rebin_params='-10,.25,30' #load run runs=[12557] sampleMass=4.0 sampleRMM=163.8124 MonoVanRun=12549 MonoVanIntRange=[-30,30] monovan_mapfile=mapfile MonoVanWB="wb_wksp" #save .spe file for runfile in runs: save_file=inst+str(runfile)+'absNorm.spe' print 'data will be saved to: ',save_file LoadRaw(Filename=str(runfile),OutputWorkspace="run_wksp",LoadLogFiles="0") w1=iliad_abs("wb_wksp","run_wksp",MonoVanRun,MonoVanWB,sampleRMM,sampleMass,ei,rebin_params,mapfile,monovan_mapfile,det_cal_file=cal_ file,norm_method='current', background_range=[12000,18000]) SaveSPE('w1',save_file) print type(w1) HOMER:

Numor: 12557

Map file: one2one_115.map

Monitor Map file: merlin_monitors.map

Range for SPE file output: E: 34.95; Emin: -10; E Step: 0.25; E Max 40; Normalize to M1; Fix Ei;

No Back; Solid angle corrections; run diag;

DIAG:

White beam Vanadium: 12515; BKGD Lo: 12000; BKGD Hi: 18000

Hard Mask - no

V Low 0.1 V Hi 1.5 Factor 2; Stability 10

ABSOLUTE:

Perform absolute untis correction: Mono Vanadium Numor: 12549: Mono Vanadium WB 12515 Map: one2one_115.map Range for mono van integration:

Ei: 34.95; E Min -30; E max = 30;

Van Mass: 32.5; Mass Sample 4; RMM sample 163.81