

TBL-McStas Modell

Spectrum 139

Parameter:

Start simulation

Instrument parameters (D=floating point, I=integer, S=string)

lambda_min:	<input type="text" value="1"/>	lambda_max:	<input type="text" value="15"/>	frequency:	<input type="text" value="14"/>
Choppers_WFM1_in:	<input type="text" value="1"/>	Choppers_WFM2_in:	<input type="text" value="1"/>	Choppers_FOC1_in:	<input type="text" value="1"/>
Choppers_FOC2_in:	<input type="text" value="1"/>	s1_x:	<input type="text" value="0.05"/>	s1_y:	<input type="text" value="0.1"/>
s2_x:	<input type="text" value="0.02"/>	s2_y:	<input type="text" value="0.04"/>	s3_x:	<input type="text" value="0.0138"/>
s3_y:	<input type="text" value="0.033"/>	Offset_deg_SC1:	<input type="text" value="0"/>	Offset_deg_SC2:	<input type="text" value="0"/>
Offset_deg_BC1:	<input type="text" value="-25"/>	Offset_deg_BC2:	<input type="text" value="57"/>	Offset_deg_WFM1:	<input type="text" value="47.1"/>
Offset_deg_WFM2:	<input type="text" value="76.76"/>	Offset_deg_FOC1:	<input type="text" value="62.4"/>	Offset_deg_FOC2:	<input type="text" value="12.27"/>
Z:	<input type="text" value="0.28"/>	sp:	<input type="text" value="50.6"/>		

Simulation

Simulation/Trace:

Autoplot:

Particle count:

Output subdir (optional):

Sweep steps (optional):

MPI:

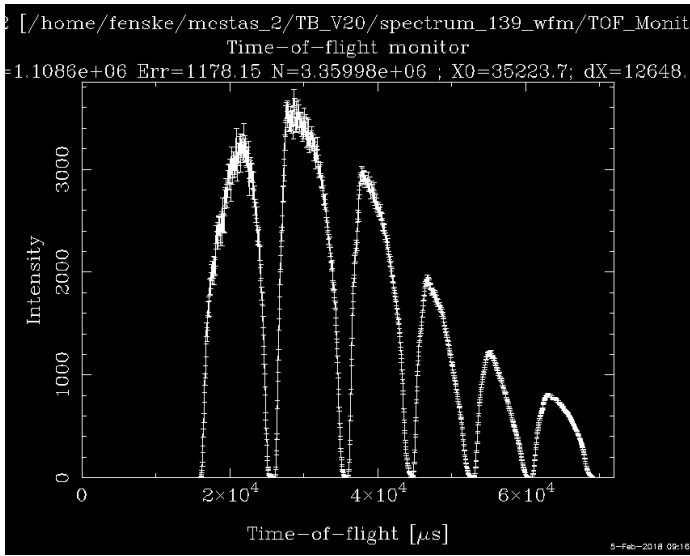
MPI node count:

Advanced

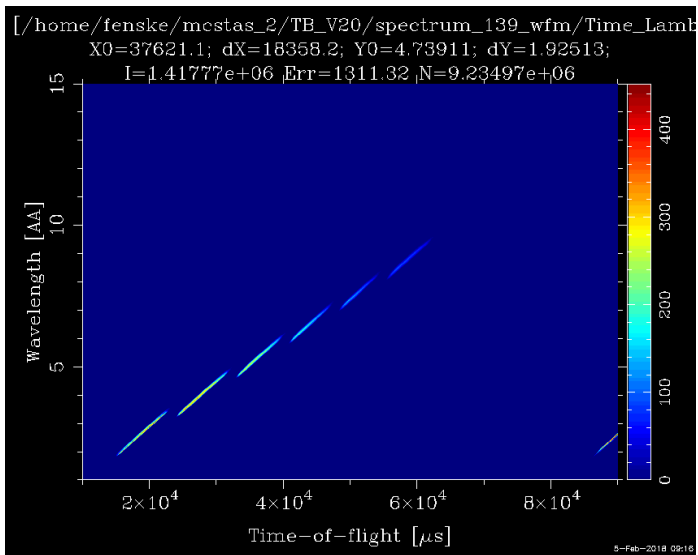
Random seed:

Gravity:

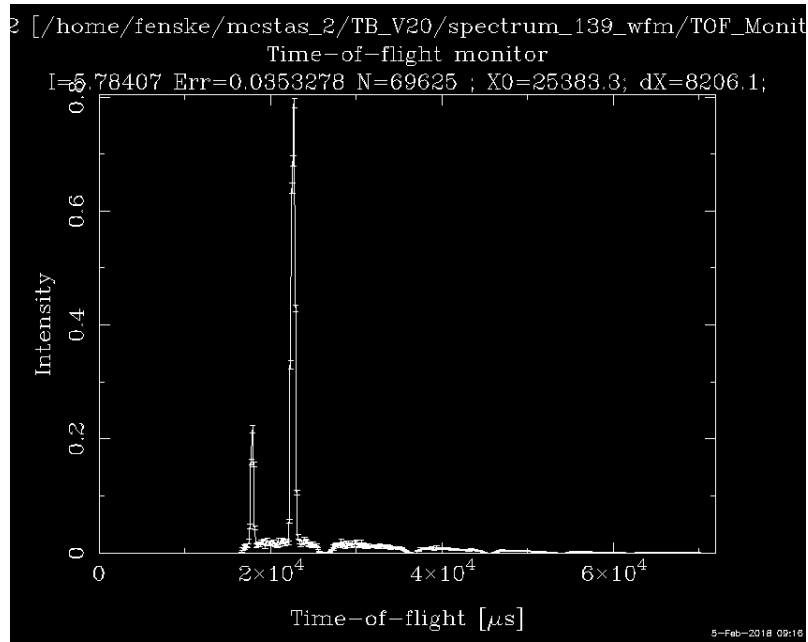
Channel 3



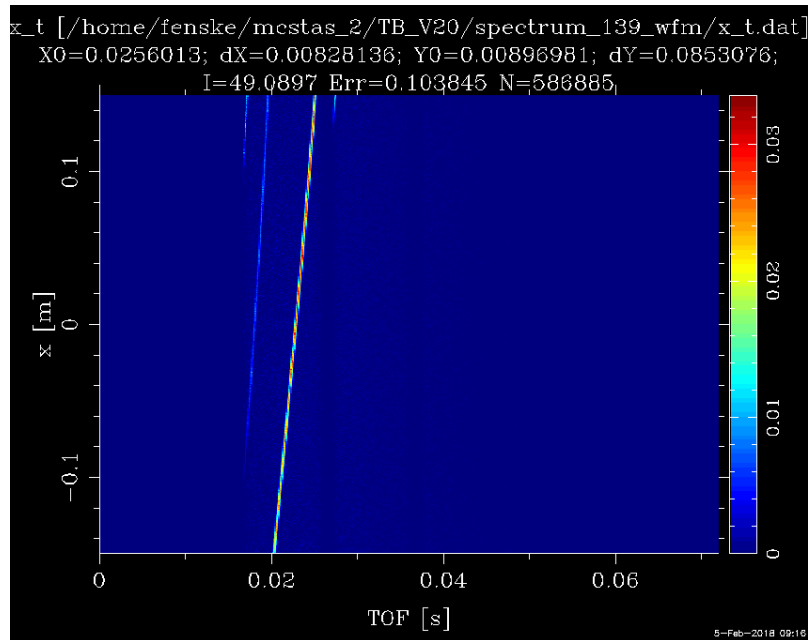
Wavelength at channel 3



Channel 7



PSD detector x vs. tof



Spectrum 122/124

Notice: Different Distance of WFM 1 and 2 in Simulation

Parameter:

The image shows a 'Start simulation' dialog box with the following sections and parameters:

Instrument parameters (D=floating point, I=integer, S=string)

lambda_min:	1	lambda_max:	15	frequency:	14
Choppers_WFM1_in:	1	Choppers_WFM2_in:	1	Choppers_FOC1_in:	1
Choppers_FOC2_in:	1	s1_x:	0.05	s1_y:	0.1
s2_x:	0.02	s2_y:	0.04	s3_x:	0.138
s3_y:	0.033	Offset_deg_SC1:	0	Offset_deg_SC2:	0
Offset_deg_BC1:	-25	Offset_deg_BC2:	57	Offset_deg_WFM1:	17.1
Offset_deg_WFM2:	46.76	Offset_deg_FOC1:	32.4	Offset_deg_FOC2:	342.27
Z:	0.28	sp:	50.6		

Simulation

Simulation/Trace: Simulation

Autoplot:

Particle count: 2e11

Output subdir (optional):

Sweep steps (optional):

MPI: No clustering

MPI node count: 2

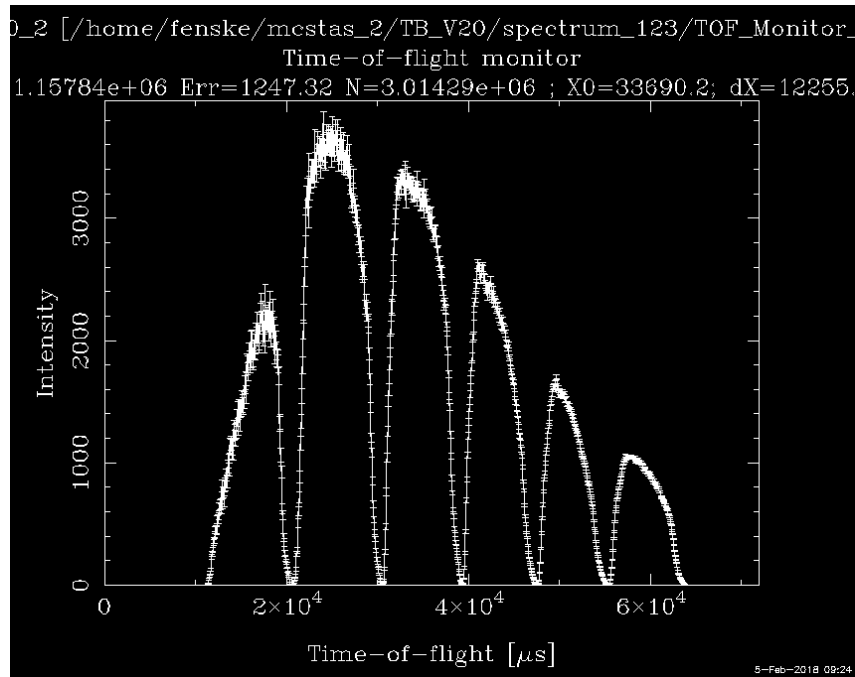
Advanced

Random seed:

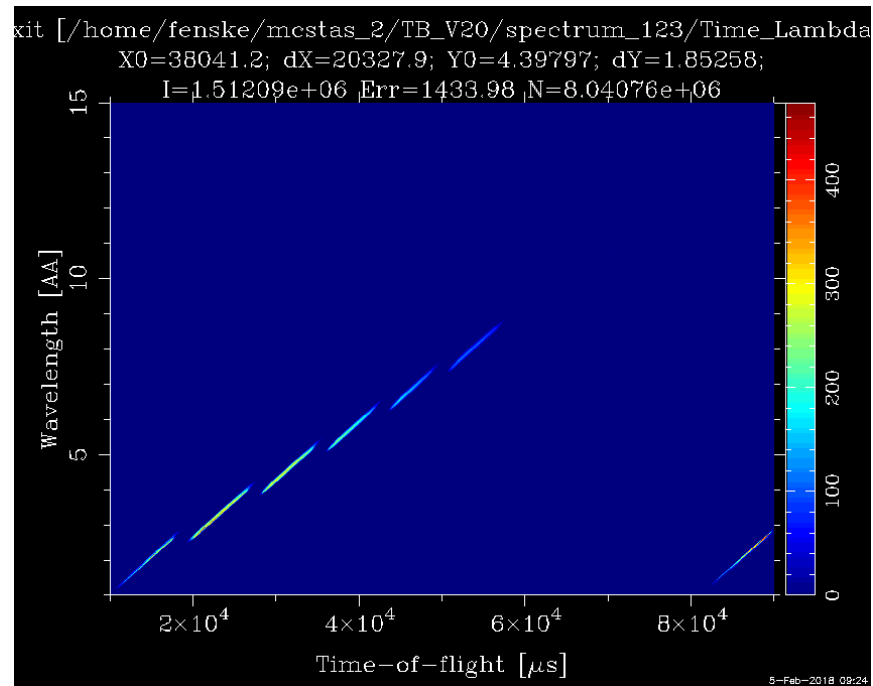
Gravity: Off

Buttons: Start, Cancel

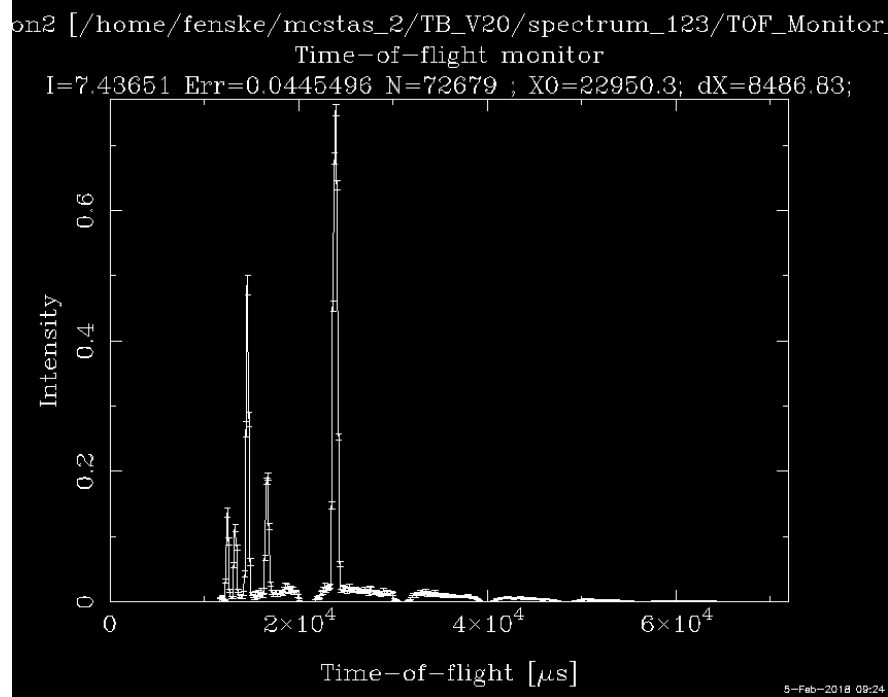
Channel 3



Wavelength at channel 3



Channel 7



PSD detector x vs. tof

