

10/23/18

pantheon-oct 18.

 $E = \text{Tb } 951.996 \text{ keV.}$

HRM.	PZT1	B4	41
	PZT2	B5	29
	W.A.	B5	29
Energy	B5/B8.	28.	MagCH 0.79
		w/o foil	

~~CR~~ alignm

slit align unit.

 $WB = 0.5 \times 0.5 @ (-0.055, -0.050)$ $HS = (900, 700)$

slits aligned

pass 0. no crmetr

pass 1 sample to -0.500

pass 2 rot X to -0.500

pass 3 photon A.

pass 4 instr B rot X / sample

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Pantheon Oct 18.

$E = T_b \ 951.996 \text{ keV.}$

HRM.	PZT1	B4	41
	PZT2	B5	29
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Energy	B5/B8	28. Mg ²⁵	0.79
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CRS. alignm

slit align unit.

$WB = 0.5 \times 0.5 @ (-0.055, -0.050)$

$HS = (900, 700)$

slits aligned

pass 0. nocmetr

pass 1 sample to -0.500

pass 2 rot X to -0.500

pass 3 motion A.

pass 4 motion B rot X / sample

$831 \ \phi = 110.$

$1360 \ \phi = 0$

$\left. \begin{array}{l} 831 \\ 1360 \end{array} \right\} 1096$

$\Delta/2 = 264.5 \Rightarrow 309$
 $\text{sample } 310 \mu$

$\Rightarrow \text{rot X } 229 \left. \begin{array}{l} \\ \end{array} \right\} \text{motion A}$

$\phi = 180$

$847 / 959 \quad 903$

$\phi = 0$

$838 / 948 \quad 893$

$\left. \begin{array}{l} 903 \\ 893 \end{array} \right\} 898$

$\Delta/2 = 5 \mu$

$\text{rot X} = 2 \mu$

motion B

$\phi = 90$

$821 / 938 \quad 879.5$

$\phi = -90$

$864 / 979 \quad \begin{array}{l} 977.5 \\ 971.5 \end{array}$

$900.5 \Rightarrow \text{rot axis good}$

$\Delta/2 = 21 \Rightarrow 25 \mu$

motion C

pass 5 motion C

rot axis checks out. can't motion

pass 6. final