

Exp No.	Primary Beam:	Date
MB/S/file location video/nav- χ_2 -14/calib	File (first) File (last)	File (first) χ_{15} - first_top-0340. File (last)
Naval/file location	File (first) File (last)	Start Stop
Merged(Naval+MBS)/file location	File (first) File (last)	Start Stop
PURPOSE OF MEASUREMENT: (Centered Isotope) <input checked="" type="checkbox"/> Calibration run <input type="checkbox"/> Production run COMMENTS: Adjustment of scintillators orientation shift-in-charge <i>shift-in-charge shifted is going on but not yet finished</i>		
First top Calibration point for FRS FRS setting No. <i>86K8</i> <i>760</i> PRIMARY BEAM Element: <i>86K8</i> SIS energy [MeV/u] <i>760</i> PROD. TARGET TS1ET5HS, TS1ET5VS; number: <i>1</i> element: <i>1</i> SPILL spill length: <i>15</i> period: <i>15</i> S1 DEGRADER TS3ED2... Thickness: <i>/</i> elements <input type="checkbox"/> SEETRAM <input type="checkbox"/> SCI-01 <input type="checkbox"/> FRS-TA0 <input type="checkbox"/> S1-degrader <input type="checkbox"/> S2-degrader <input type="checkbox"/> SCI-21 <input type="checkbox"/> S4-degrader <input type="checkbox"/> LYCCA-Start <input type="checkbox"/> LYCCA-TaStart <input type="checkbox"/> TA1 <input type="checkbox"/> TaDSSD SPILL beam stop out <input type="checkbox"/> TS2DS3HL (left); <input type="checkbox"/> TS2DS3HR (right); <input type="checkbox"/> TS2DS3VO (top); <input type="checkbox"/> TS2DS3VU (bottom); <input checked="" type="checkbox"/> S1 SLITS open <input type="checkbox"/> beam plug out <input type="checkbox"/> TS3DS2HL (left); <input type="checkbox"/> TS3DS2HR (right); <input type="checkbox"/> TS3ED7... Thickness: <i>/</i> S1 DEGRADER L (Ladder); <input type="checkbox"/> D (Disk); <input type="checkbox"/> VO (Wedge Ober); <input type="checkbox"/> VU (Wedge Unten); <input type="checkbox"/> HFSED3... Thickness: <i>/</i> FROZEN <input type="checkbox"/> beam stop out <input type="checkbox"/> TS4DS1HL (left); <input type="checkbox"/> TS4DS1HR (right); <input type="checkbox"/> TS4DS1VO (left); <input type="checkbox"/> TS4DS1VU (right); <input type="checkbox"/> TS4DS3HL (left); <input type="checkbox"/> TS4DS3HR (right); <input type="checkbox"/> HFS3H (left); <input type="checkbox"/> HFS3H (right); <input type="checkbox"/> Pb Brick (top); <input type="checkbox"/> Pb Brick (bottom); thickness: <i>/</i> MAGNETS Field values from Hall probes: <input type="checkbox"/> TS3MU1: <i>0.96165</i> <input type="checkbox"/> TS3MU2: <i>0.94964</i> <input type="checkbox"/> TS4MU1: <i>0.92034</i> <input type="checkbox"/> HFSMU1: <input type="checkbox"/> FRS-RATES (counts/spill) 10 kHz: <i>>2 kHz</i> 10 kHz veto dT: <i>>2 kHz</i> FRS-RATES <input type="checkbox"/> S2 SLITS OPEN <input type="checkbox"/> beam plug out <input type="checkbox"/> TS4DS1HL (left); <input type="checkbox"/> TS4DS1HR (right); <input type="checkbox"/> TS4DS1VO (left); <input type="checkbox"/> TS4DS1VU (right); <input type="checkbox"/> S3 SLITS OPEN <input type="checkbox"/> beam plug out <input type="checkbox"/> TS4DS3HL (left); <input type="checkbox"/> TS4DS3HR (right); <input type="checkbox"/> HECTOR: <i>126</i> FRS-TRIGGER <input type="checkbox"/> SCI21 <input checked="" type="checkbox"/> SCI41 <input type="checkbox"/> Other: <input type="checkbox"/> PresPEC-Rates (Validated/Rejected) AGATA: <i>351</i> FRS: <i>351</i> Ta-ToF-LYCCA: <i>377</i> LYCCA / PIs. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog LN2: <i>10741</i> Element: <i>460</i> Thickness: <i>2mm and 1mm</i> Position: <i>Tank1 Vol. (%)</i> : <i>100</i> Position: <i>Tank2 Vol. (%)</i> : <i>100</i>		

Exp No. Primary Beam: Date:

MB/S/file location	File (first)	File (first)
/d/mjig02/mar/AC-14/Calib	File (last)	File (last)
Narval/file location	File (first)	File (last)
Merged(Narval+MBS)/file location	File (first)	File (last)

PURPOSE OF MEASUREMENT: (Centered Isotope)

Calibration of linear detector with beam impinged at S2
shift-in-charge

COMMENTS:

FRS/BEAMLINE		MAGNETS		PreSPEC-Trig/red.	
elements		Field values from Hall probes:		<input type="checkbox"/> Pulser(1) /..... <input type="checkbox"/> LYCCA cal(2) /..... <input type="checkbox"/> AgataCal(3) /..... <input type="checkbox"/> HEC Cal(4) /..... <input type="checkbox"/> FRS from TB(5) /..... <input type="checkbox"/> p+HEC(6) /..... <input type="checkbox"/> p+Agata(7) /..... <input type="checkbox"/> p+HEC+Lyc(8) /..... <input type="checkbox"/> p+Agata+Lyc(9) /..... <input type="checkbox"/> Part-SC4(110) /..... <input type="checkbox"/> Spill-on(12) /..... <input type="checkbox"/> Spill-off(13) /..... 	
S1 DEGRADER	TS3ED2... Thickness: Wedge used: O2 (Wedge Ober): V1 (Wedge Unten): S2 DEGRADER	TS2DS3HL (left): TS2DS3HR (right): TS2DS3VO (top): TS2DS3VU (bottom): S1 SLITS	TS3MU1: TS3MU2: TS4MU1: HFSMU1: TS3DS2HL (left): TS3DS2HR (right): S2 SLITS	SCI21 SCI41 Other:	PreSPEC-RATES (Validated/Rejected) AGATA : FRS : Ta-ToF-LYCCA : HECTOR : SC41R:
SPILL	spill length: period:	TS3ED7... Thickness: L (Ladder): D (Disk): VO (Wedge Ober): VU (Wedge Unten): S4 DEGRADER	TS4DS1HL (left): TS4DS1HR (right): TS4DS1VO (left): TS4DS1VU (right): S3 SLITS	10 kHz : 10 kHz velo dT : SC21L: SC21R: TS4DS3HL (left): TS4DS3HR (right): SC41L: SC41R:	LYCCA / PIs. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog LN2 : LN2 Last Filling : Tank1 Vol. (%) : Tank2 Vol. (%) :
PROD. TARGET	TS1ET5HS, TS1ET5VS: number: element: thickness:	O (Wedge Ober): U (Wedge Unten): Pb Brick (top): Pb Brick (bottom):	HFSDS3H (left): HFSDS3H (right): Pb Brick (top): Pb Brick (bottom):		

Exp No. S426	Primary Beam:	He	Date	20.03.2014
MBS/file location	File (first) frs-first-hf	File (last) frs-first-hf	Start	02:08
Narval/file location	File (first) File (last)	File (first) File (last)	Stop	02:13
Merged(Narval+MBS)/file location	File (first) File (last)	File (first) File (last)	Start	Stop
PURPOSE OF MEASUREMENT: (Centered Isotope) <input checked="" type="checkbox"/> Calibration run <input type="checkbox"/> Production run Comments: <i>First calibration point for FRS & MUSIC Calibration</i> Slit: = 0.8134413 Shift-in-charge: <i>music</i>				
FRS/BEAMLINE elements	S1 DEGRADER TS3ED2...	S0 SLITS beam stop out TS2DS3HL (left): TS2DS3HR (right): TS2DS3VO (top): TS2DS3VU (bottom): S1 SLITS beam plug out TS3DS2HL (left): TS3DS2HR (right): S2 DEGRADER TS3ED7...	MAGNETS Field values from Hall probes: TS3MU1: 0.96175 TS3MU2: 0.94954 TS4MU1: 0.92044 HFSMU1: 0.91974	PreSPEC-Trig/red. <input type="checkbox"/> Pulser(1) / <input type="checkbox"/> LYCCA cal(2) / <input type="checkbox"/> AgataCal(3) / <input checked="" type="checkbox"/> HEC Cal(4) / <input type="checkbox"/> FRS from TB(5) / <input type="checkbox"/> p+HEC(6) / <input type="checkbox"/> p+Agata(7) / <input type="checkbox"/> p+HEC+Lyc(8) / <input type="checkbox"/> p+Agata+Lyc(9) / <input type="checkbox"/> Part-SC41(10) / <input type="checkbox"/> Spill-on(12) / <input type="checkbox"/> Spill-off(13) /
SPILL	spill length: ≈ 33 period: ≈ 65	L (Ladder): D (Disk): FMS setting No. S426-15	FRS-RATES (counts/spill) 10 kHz : 10 kHz veto dT :	SC21 <input checked="" type="checkbox"/> SC41 Other: PreSPEC-Rates (Validated/Rejected) AGATA : FRS : Ta-ToF-LYCCA : HECTOR : LYCCA / PIs. check Run-sheet filled Run-sheet uploaded on elog
PRIMARY BEAM	Element: 86 Kr SIS energy [MeV/u] 400	V0 (Wedge Oben): VU (Wedge Unten): S4 DEGRADER HFSED3...	SC21L: 00 SC21R: 00 SC41L: 00 SC41R: 60 S4 SLITS HF4DS3HL (left): ~35	LN2
Intensity-SEEETRAM	Thickness:	O (Wedge Oben): U (Wedge Unten):	HFSDS3H (right): 35 TA1 Element : Au + Au Pb Brick (top): Pb Brick (bottom):	LN2 Last Filling : 01:30 Tank1 Vol. (%) : 83 % Position: Center + down stream Tank2 Vol. (%) : 77 %
PROD.TARGET	TS1ET5HS, TS1ET5VS: number:	element:		
thickness:				

Exp No. 5416	Primary Beam:	86 keV	Date	20.03.2014
MBS/file location	File (first)	File (last)	Start	03:45
/d/mision/02/this - M4/04/04/	File (first)	File (last)	Stop	03:22
Narval/file location	File (first)	File (last)	Start	
Merged(Narval+MBS)/file location	File (first)	File (last)	Stop	
PURPOSE OF MEASUREMENT: (Centered Isotope)	<input checked="" type="checkbox"/> Calibration run <input type="checkbox"/> Production run			
Second Calibration point for FRS	for Music calib			
COMMENTS: Blise = 0.7361977 shift-in-charge				
FRS/BEAMLINE				
elements				
<input checked="" type="checkbox"/> SEE TRAM				
<input type="checkbox"/> SCI-01				
<input type="checkbox"/> FRS-TA0				
<input checked="" type="checkbox"/> S1-degrader				
<input type="checkbox"/> S2-degrader				
<input checked="" type="checkbox"/> SCI-21				
<input type="checkbox"/> S4-degrader				
<input checked="" type="checkbox"/> LYCCA-Start				
<input checked="" type="checkbox"/> LYCCA-TaStart				
<input checked="" type="checkbox"/> TA1				
<input checked="" type="checkbox"/> TaDSSD				
SPILL				
spill length:				
TS3ED7...				
Thickness:				
period:				
FRS setting No.				
846-16				
PRIMARY BEAM				
Element: 86 Kr				
SIS energy [MeV/u]	100			
Intensity SEE TRAM				
PROD. TARGET				
TS1ET5HS, TS1ET5VS:				
number:				
element:				
thickness:				
MBS/file location	File (first)	File (last)	Start	03:43
Narval/file location	File (first)	File (last)	Stop	03:22
Merged(Narval+MBS)/file location	File (first)	File (last)	Start	
PURPOSE OF MEASUREMENT:	Calibration run	Production run		
Second Calibration point for FRS	<input checked="" type="checkbox"/> Music calib			
shift-in-charge				
FRS SLITS				
MAGNETS				
Field values from Hall probes:				
TS2DS3HL (left):				
TS2DS3HR (right):	0.96165			
TS2DS3VO (top):	0.89604			
TS2DS3VU (bottom):	0.86534			
S1 SLITS				
beam plug out				
TS3DS2HL (left):	0.86535			
FRS-RATES				
(counts/spill)				
10 kHz :				
TS3DS2HR (right):				
S2 SLITS				
beam plug out				
TS4DS1HL (left):				
TS4DS1HR (right):				
FRS setting No.				
846-16				
PRIMARY BEAM				
Element: 86 Kr				
SIS energy [MeV/u]	100			
Intensity SEE TRAM				
PROD. TARGET				
TS1ET5HS, TS1ET5VS:				
number:				
element:				
thickness:				
FRS SLITS				
HFSDS3H (left):	-35			
HFSDS3H (right):	35			
Pb Brick (top):				
Pb Brick (bottom):				
LYCCA / PIs. check				
Run-sheet filled				
Run-sheet uploaded on elog				
LN2				
LN2 Last Filing :				
Tank1 Vol. (%):	04:30			
Tank2 Vol. (%):	83%			
Tank2 Vol. (%):	77%			

Exp No. 5426	Primary Beam:	<input checked="" type="checkbox"/> K ₊	Date	20.05.2014																					
MBS/file location /afs/insc/mac/AGM/cubis	File (first)	Fr3-Hard Job	Start	03:36																					
Narval/file location	File (last)	0344.lmd	Stop	03:44																					
Merged(Narval+MBS)/file location	File (first)	Start	Stop																						
File (last)	File (last)	Start	Stop																						
PURPOSE OF MEASUREMENT: (Centered Isotope) <input checked="" type="checkbox"/> Calibration run <input type="checkbox"/> Production run																									
Third Calibration point for FR3 & M11C shift-in-charge																									
COMMENTS: Pulse = 0.7634833																									
<table border="1"> <tr> <td>FRS BEAMLINE elements</td> <td>S1 DEGRADER TS3ED2... Thickness: SEEETRAM SCI-01 FRS-TA0 S1-degrader SCI-21 S2-degrader O2 (Wedge Oben); V1 (Wedge Unten); TA1 TaDSSD</td> <td>S0 SLITS beam stop out TS2DS3HL (left): TS2DS3HR (right): TS2DS3VO (top): TS2DS3VU (bottom): S1 SLITS beam plug out TS3DS2HL (left): TS3DS2HR (right): S2 DEGRADER TS3ED7... Thickness: L (Ladder): D (Disk): FRS setting No. S46-17</td> <td>MAGNETS Field values from Hall probes: TS3MU1: 0.96165 TS3MU2: 0.94334 TS4MU1: 0.77804 HFSMU1: 0.77745 FRS-RATES (counts/spill) 10 kHz : 10 kHz veto dT : S2 SLITS beam plug out TS4DS1HL (left): TS4DS1HR (right): PRIMARY BEAM Element: 86Kr SIS energy [MeV/u] 100 Intensity-SEETRAM</td> <td>PreSPEC-Trig/red. <input type="checkbox"/> Puiser(1) / <input type="checkbox"/> LYCCA call(2) / <input type="checkbox"/> AgataCal(3) / <input checked="" type="checkbox"/> HEC Cal(4) / <input type="checkbox"/> FRS from TB(5) / <input type="checkbox"/> p+HEC(6) / <input type="checkbox"/> p+Agata(7) / <input type="checkbox"/> p+HEC+Lyc(8) / <input type="checkbox"/> p+Agata+Lyc(9) / <input type="checkbox"/> Part-SC4(10) / <input type="checkbox"/> Spill-on(12) / <input type="checkbox"/> Spill-off(13) / FRS-TRIGGER <input type="checkbox"/> SCI21 <input checked="" type="checkbox"/> SCI41 <input type="checkbox"/> Other: PreSPEC-Rates (Validated/Rejected) AGATA : FRS : Ta-ToF-LYCCA : HECTOR : LYCCA / PIs. check <input type="checkbox"/> Runsheet filled <input type="checkbox"/> Run-sheet uploaded on elog LN2</td> </tr> </table>					FRS BEAMLINE elements	S1 DEGRADER TS3ED2... Thickness: SEEETRAM SCI-01 FRS-TA0 S1-degrader SCI-21 S2-degrader O2 (Wedge Oben); V1 (Wedge Unten); TA1 TaDSSD	S0 SLITS beam stop out TS2DS3HL (left): TS2DS3HR (right): TS2DS3VO (top): TS2DS3VU (bottom): S1 SLITS beam plug out TS3DS2HL (left): TS3DS2HR (right): S2 DEGRADER TS3ED7... Thickness: L (Ladder): D (Disk): FRS setting No. S46-17	MAGNETS Field values from Hall probes: TS3MU1: 0.96165 TS3MU2: 0.94334 TS4MU1: 0.77804 HFSMU1: 0.77745 FRS-RATES (counts/spill) 10 kHz : 10 kHz veto dT : S2 SLITS beam plug out TS4DS1HL (left): TS4DS1HR (right): PRIMARY BEAM Element: 86Kr SIS energy [MeV/u] 100 Intensity-SEETRAM	PreSPEC-Trig/red. <input type="checkbox"/> Puiser(1) / <input type="checkbox"/> LYCCA call(2) / <input type="checkbox"/> AgataCal(3) / <input checked="" type="checkbox"/> HEC Cal(4) / <input type="checkbox"/> FRS from TB(5) / <input type="checkbox"/> p+HEC(6) / <input type="checkbox"/> p+Agata(7) / <input type="checkbox"/> p+HEC+Lyc(8) / <input type="checkbox"/> p+Agata+Lyc(9) / <input type="checkbox"/> Part-SC4(10) / <input type="checkbox"/> Spill-on(12) / <input type="checkbox"/> Spill-off(13) / FRS-TRIGGER <input type="checkbox"/> SCI21 <input checked="" type="checkbox"/> SCI41 <input type="checkbox"/> Other: PreSPEC-Rates (Validated/Rejected) AGATA : FRS : Ta-ToF-LYCCA : HECTOR : LYCCA / PIs. check <input type="checkbox"/> Runsheet filled <input type="checkbox"/> Run-sheet uploaded on elog LN2																
FRS BEAMLINE elements	S1 DEGRADER TS3ED2... Thickness: SEEETRAM SCI-01 FRS-TA0 S1-degrader SCI-21 S2-degrader O2 (Wedge Oben); V1 (Wedge Unten); TA1 TaDSSD	S0 SLITS beam stop out TS2DS3HL (left): TS2DS3HR (right): TS2DS3VO (top): TS2DS3VU (bottom): S1 SLITS beam plug out TS3DS2HL (left): TS3DS2HR (right): S2 DEGRADER TS3ED7... Thickness: L (Ladder): D (Disk): FRS setting No. S46-17	MAGNETS Field values from Hall probes: TS3MU1: 0.96165 TS3MU2: 0.94334 TS4MU1: 0.77804 HFSMU1: 0.77745 FRS-RATES (counts/spill) 10 kHz : 10 kHz veto dT : S2 SLITS beam plug out TS4DS1HL (left): TS4DS1HR (right): PRIMARY BEAM Element: 86Kr SIS energy [MeV/u] 100 Intensity-SEETRAM	PreSPEC-Trig/red. <input type="checkbox"/> Puiser(1) / <input type="checkbox"/> LYCCA call(2) / <input type="checkbox"/> AgataCal(3) / <input checked="" type="checkbox"/> HEC Cal(4) / <input type="checkbox"/> FRS from TB(5) / <input type="checkbox"/> p+HEC(6) / <input type="checkbox"/> p+Agata(7) / <input type="checkbox"/> p+HEC+Lyc(8) / <input type="checkbox"/> p+Agata+Lyc(9) / <input type="checkbox"/> Part-SC4(10) / <input type="checkbox"/> Spill-on(12) / <input type="checkbox"/> Spill-off(13) / FRS-TRIGGER <input type="checkbox"/> SCI21 <input checked="" type="checkbox"/> SCI41 <input type="checkbox"/> Other: PreSPEC-Rates (Validated/Rejected) AGATA : FRS : Ta-ToF-LYCCA : HECTOR : LYCCA / PIs. check <input type="checkbox"/> Runsheet filled <input type="checkbox"/> Run-sheet uploaded on elog LN2																					
<table border="1"> <tr> <td>number:</td> <td>TS1ET5HS, TS1ET5VS:</td> <td><input type="checkbox"/> Runsheet filled <input type="checkbox"/> Run-sheet uploaded on elog</td> </tr> <tr> <td>element:</td> <td>Au & Au</td> <td>LN2</td> </tr> <tr> <td>thickness:</td> <td>2 mm & 1 mm</td> <td>Tank1 Vol. (%) :</td> </tr> <tr> <td></td> <td></td> <td>0.1 ; 10</td> </tr> <tr> <td></td> <td></td> <td>83%</td> </tr> <tr> <td></td> <td></td> <td>Tank2 Vol. (%) :</td> </tr> <tr> <td></td> <td></td> <td>77%</td> </tr> </table>					number:	TS1ET5HS, TS1ET5VS:	<input type="checkbox"/> Runsheet filled <input type="checkbox"/> Run-sheet uploaded on elog	element:	Au & Au	LN2	thickness:	2 mm & 1 mm	Tank1 Vol. (%) :			0.1 ; 10			83%			Tank2 Vol. (%) :			77%
number:	TS1ET5HS, TS1ET5VS:	<input type="checkbox"/> Runsheet filled <input type="checkbox"/> Run-sheet uploaded on elog																							
element:	Au & Au	LN2																							
thickness:	2 mm & 1 mm	Tank1 Vol. (%) :																							
		0.1 ; 10																							
		83%																							
		Tank2 Vol. (%) :																							
		77%																							

Exp No. S426	Primary Beam:	86 Kr	Date	20.03.2014
MBS/file location	File (first)	File (first) firs-fourth_fol -0145.lnr	Start	04 : 34
	File (last)	File (last)	Stop	04 : 40
Narval/file location	File (first)	File (last)	Start	
	File (first)	File (last)	Stop	
Merged(Narval+MBS)file location	File (first)	File (last)	Start	
File (last)			Stop	

PURPOSE OF MEASUREMENT: (Centered Isotope) <input checked="" type="checkbox"/> FRS <input checked="" type="checkbox"/> WNLSC (BeKr)		<input checked="" type="checkbox"/> Calibration run	<input type="checkbox"/> Production run
4th Calibration Point for FRS			
COMMENTS: Not corrected for longer thicker shift-in-charge			
BLISS = 0.7255 + 0.3 don't use this value without correlation for different thicknesses			

FRS/BEAMLINE	S1 DEGRADER TS3ED2...	S0 SLITS <input checked="" type="checkbox"/> beam stop out TS2DS3HL (left): TS2DS3HR (right): TS2DS3VO (top): TS2DS3VU (bottom): S1 SLITS <input checked="" type="checkbox"/> beam plug out TS3DS2HL (left): TS3DS2HR (right): S2 DEGRADER TS3ED7... Thickness: <i>5.9</i>	MAGNETS Field values from Hall probes: TS3MU1: 0.89255 TS3MU2: 0.89134 TS4MU1: 0.69444 HFSMU1: 0.69355	PreSPEC-Trig/red. <input type="checkbox"/> Pulser(1) /..... <input type="checkbox"/> LYCCA cal(2) /..... <input type="checkbox"/> AgataCal(3) /..... <input type="checkbox"/> HEC Cal(4) /..... <input checked="" type="checkbox"/> FRS from TB(5) /..... <input type="checkbox"/> p+HEC(6) /..... <input type="checkbox"/> p+Agata(7) /..... <input type="checkbox"/> p+HEC+Lyc(8) /..... <input type="checkbox"/> p+Agata+Lyc(9) /..... <input type="checkbox"/> Part-SC41(10) /..... <input type="checkbox"/> Spill-on(12) /..... <input type="checkbox"/> Spill-off(13) /..... FRS-TRIGGER <input type="checkbox"/> SC 21 <input checked="" type="checkbox"/> SC 41 <input type="checkbox"/> Other:
elements	<input type="checkbox"/> SEETRAM <input checked="" type="checkbox"/> SCI-01 <input checked="" type="checkbox"/> FRS-TA0 <input type="checkbox"/> S1-degrader <input type="checkbox"/> S2-degrader <input type="checkbox"/> SCI-21 <input type="checkbox"/> S4-degrader <input checked="" type="checkbox"/> LYCCA-Start <input type="checkbox"/> LYCCA-TaStart <input checked="" type="checkbox"/> TA1 <input checked="" type="checkbox"/> TaDSSD	FRS-RATES (counts/spill) 10 kHz : 10 kHz veto dT :	PreSPEC-Rates (Validated/Rejected) AGATA : FRS : Ta-ToF-LYCCA : HECTOR : LYCCA / p's. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog	
	<input type="checkbox"/> L (Ladder): D (Disk): VO (Wedge Oben): VU (Wedge Unten): S4 DEGRADER HFSED3... Thickness: <i>7.0</i>	FRS setting No. <i>5426-19</i>	PRIMAY BEAM Element: <i>86 Kr</i> SIS energy MeV/u <i>700</i> Intensity-SEETRAM	
	O (Wedge Oben): U (Wedge Unten): TS1ET5HS, TS1ET5VS: number: <i>35</i>	PROD. TARGET HFSDS3H (left): <i>-35</i>	LN2 Element : <i>An & Au</i> Thickness : <i>2 mm & 1 mm</i> Pb Brick (top): Pb Brick (bottom): Position: <i>cent. & down/up</i> Tank1 Vol. (%) : Tank2 Vol. (%) :	
	element: <i>Be</i> thickness: <i>2.5 & Be</i>			

Exp No.	S426	Primary Beam:	Date																																												
MBS/file location	<input checked="" type="checkbox"/> d:\nina\02\mw\16.1h\calib\ /	File (first)	Start																																												
Narval/file location	<input checked="" type="checkbox"/> 85Br-Run test	File (last)	Stop <input checked="" type="checkbox"/> S : 40																																												
Merged(Narval+MBS)/file location		File (first)	Start																																												
File (last)		File (last)	Stop																																												
PURPOSE OF MEASUREMENT: (Centered isotope)	<input checked="" type="checkbox"/> Calibration run <input type="checkbox"/> Production run																																														
Scale to <input checked="" type="checkbox"/> Br And <input checked="" type="checkbox"/> Ar	(85 Br)																																														
COMMENTS:	shift-in-charge																																														
<table border="1"> <tr> <td colspan="2">FRS/BEAMLINE</td> <td colspan="2">MAGNETS</td> </tr> <tr> <td colspan="2"> elements <input checked="" type="checkbox"/> SEETRAM <input type="checkbox"/> SCI-01 <input checked="" type="checkbox"/> FRS-TA0 <input checked="" type="checkbox"/> S1-degrader <input type="checkbox"/> S2-degrader <input checked="" type="checkbox"/> SCI-21 <input type="checkbox"/> S4-degrader <input checked="" type="checkbox"/> LYCCA-Start <input type="checkbox"/> LYCCA-TaStart <input checked="" type="checkbox"/> TA1 <input checked="" type="checkbox"/> TaDSSD </td> <td colspan="2"> SO SLITS <input checked="" type="checkbox"/> <input type="checkbox"/> beam stop out TS2DS3HL (left): Thickness: <input checked="" type="checkbox"/> 2 </td> </tr> <tr> <td colspan="2"></td> <td colspan="2"> Field values from Hall probes: TS3MU1: 0.50505 TS3MU2: 0.84244 TS4MU1: 0.64534 </td> </tr> <tr> <td colspan="2"></td> <td colspan="2"> S1 SLITS <input checked="" type="checkbox"/> <input type="checkbox"/> beam plug out TS3DS2HL (left): TS3DS2HR (right): Thickness: <input checked="" type="checkbox"/> </td> </tr> <tr> <td colspan="2"></td> <td colspan="2"> S2 SLITS <input checked="" type="checkbox"/> <input type="checkbox"/> beam plug out TS4DS1HL (left): TS4DS1HR (right): Thickness: <input checked="" type="checkbox"/> </td> </tr> <tr> <td colspan="2"></td> <td colspan="2"> D (Disk): <input checked="" type="checkbox"/> L (Ladder): TS3ED7... Thickness: <input checked="" type="checkbox"/> </td> </tr> <tr> <td colspan="2"></td> <td colspan="2"> PRIMARY BEAM Element: <input checked="" type="checkbox"/> S426 - Ar SI energy [MeV/u] <input checked="" type="checkbox"/> 700 </td> </tr> <tr> <td colspan="2"></td> <td colspan="2"> S4 DEGRADER HFSED3... Thickness: <input checked="" type="checkbox"/> </td> </tr> <tr> <td colspan="2"></td> <td colspan="2"> PROT. TARGET TS1ET5HS, TS1ET5VS: number: <input checked="" type="checkbox"/> 35 element: <input checked="" type="checkbox"/> 8e </td> </tr> <tr> <td colspan="2"></td> <td colspan="2"> LYCCA / PIs. Check <input type="checkbox"/> Run sheet filled <input type="checkbox"/> Run sheet uploaded on elog LN2 Thickness: <input checked="" type="checkbox"/> 2 mm & 1 mm Position: Client & daughter </td> </tr> <tr> <td colspan="2"></td> <td colspan="2"> LN2 Last Filling: Tank1 Vol. (%) : Tank2 Vol. (%) : </td> </tr> </table>				FRS/BEAMLINE		MAGNETS		elements <input checked="" type="checkbox"/> SEETRAM <input type="checkbox"/> SCI-01 <input checked="" type="checkbox"/> FRS-TA0 <input checked="" type="checkbox"/> S1-degrader <input type="checkbox"/> S2-degrader <input checked="" type="checkbox"/> SCI-21 <input type="checkbox"/> S4-degrader <input checked="" type="checkbox"/> LYCCA-Start <input type="checkbox"/> LYCCA-TaStart <input checked="" type="checkbox"/> TA1 <input checked="" type="checkbox"/> TaDSSD		SO SLITS <input checked="" type="checkbox"/> <input type="checkbox"/> beam stop out TS2DS3HL (left): Thickness: <input checked="" type="checkbox"/> 2				Field values from Hall probes: TS3MU1: 0.50505 TS3MU2: 0.84244 TS4MU1: 0.64534				S1 SLITS <input checked="" type="checkbox"/> <input type="checkbox"/> beam plug out TS3DS2HL (left): TS3DS2HR (right): Thickness: <input checked="" type="checkbox"/>				S2 SLITS <input checked="" type="checkbox"/> <input type="checkbox"/> beam plug out TS4DS1HL (left): TS4DS1HR (right): Thickness: <input checked="" type="checkbox"/>				D (Disk): <input checked="" type="checkbox"/> L (Ladder): TS3ED7... Thickness: <input checked="" type="checkbox"/>				PRIMARY BEAM Element: <input checked="" type="checkbox"/> S426 - Ar SI energy [MeV/u] <input checked="" type="checkbox"/> 700				S4 DEGRADER HFSED3... Thickness: <input checked="" type="checkbox"/>				PROT. TARGET TS1ET5HS, TS1ET5VS: number: <input checked="" type="checkbox"/> 35 element: <input checked="" type="checkbox"/> 8e				LYCCA / PIs. Check <input type="checkbox"/> Run sheet filled <input type="checkbox"/> Run sheet uploaded on elog LN2 Thickness: <input checked="" type="checkbox"/> 2 mm & 1 mm Position: Client & daughter				LN2 Last Filling: Tank1 Vol. (%) : Tank2 Vol. (%) :	
FRS/BEAMLINE		MAGNETS																																													
elements <input checked="" type="checkbox"/> SEETRAM <input type="checkbox"/> SCI-01 <input checked="" type="checkbox"/> FRS-TA0 <input checked="" type="checkbox"/> S1-degrader <input type="checkbox"/> S2-degrader <input checked="" type="checkbox"/> SCI-21 <input type="checkbox"/> S4-degrader <input checked="" type="checkbox"/> LYCCA-Start <input type="checkbox"/> LYCCA-TaStart <input checked="" type="checkbox"/> TA1 <input checked="" type="checkbox"/> TaDSSD		SO SLITS <input checked="" type="checkbox"/> <input type="checkbox"/> beam stop out TS2DS3HL (left): Thickness: <input checked="" type="checkbox"/> 2																																													
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		LN2 Last Filling: Tank1 Vol. (%) : Tank2 Vol. (%) :																																													

Exp No.	Primary Beam:	Date
MBS/file location	File (first) File (last)	Start Stop
Narval/file location	File (first) File (last)	Start Stop
Merged(Narval+MBS)/file location	File (first) File (last)	Start Stop
PURPOSE OF MEASUREMENT: (Centered Isotope)	<input checked="" type="checkbox"/> Calibration-run. <input checked="" type="checkbox"/> Production run	
COMMENTS:	Slits will be changed during the run	
FRS BEAMLINE elements	S1 DEGRADER TS3ED2... Thickness: 2.9 g/cm^2 Wedge used: O2 (Wedge Oben): V1 (Wedge Unten): S2 DEGRADER TS3ED7... Thickness: 5.9 g/cm^2 L (Ladder): D (Disk): PRIMARY BEAM Element: ^{86}Kr SiS energy [MeV/u]: 700 MeV/u Intensity-SEETRAM	
SPILL	spill length: 3 sec	
FRS setting No.	SU 26-19	
PROD. TARGET	TS1ET5HS, TS1ET5VS; number: 35	
COMMENTS:		
SO SLITS	MAGNETS <input checked="" type="checkbox"/> beam stop out TS2DS3HL (left): TS2DS3HR (right): TS2DS3VO (top): TS2DS3VU (bottom): S1 SLITS <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> beam plug out TS3DS2HL (left): TS3DS2HR (right): S2 SLITS <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> beam plug out TS4DS1HL (left): TS4DS1HR (right): VO (Wedge Oben): VU (Wedge Unten): S4 DEGRADER HFSED3... Thickness:	
PreSPEC-Trig/red.	PresPEC-Field values from Hall probes: TS3MU1: 0.9905 TS3MU2: 0.84214 TS4MU1: 0.64546 HFSMU1: 0.66475 FRS-RATES (counts/spill): 10 kHz : 37477 10 kHz veto dT : 37448 SC21L: 18510 SC21R: 19417 S3 SLITS TS4DS1VO (left): $\frac{25}{25}$ TS4DS1VU (right): SC41L : 3157 TS4DS3HL (left): $\frac{25}{25}$ TS4DS3HR (right): $\frac{25}{25}$ SC41R : 36917 S4 SLITS HFSDS3H (left): HFSDS3H (right):	
PreSPEC-Rates (Validated/Rejected)	AGATA :	
FRS:	Ta-ToF-LYCCA : 3111	
HECTOR:	561	
LYCCA / PIs. check	<input checked="" type="checkbox"/> Run-sheet filled <input checked="" type="checkbox"/> Run-sheet uploaded on elog	
LN2	LN2 Last Filling : Thickness : 2.0 mm Pb Brick (top): Pb Brick (bottom): Position: outer downstream	
Tank1 Vol. (%) :	Tank1 Vol. (%) : $\frac{1}{1.09 \text{ m}}$	
Tank2 Vol. (%) :	Tank2 Vol. (%) : \checkmark	

Exp No.	Primary Beam:	Date
MBS/file location	File (first) File (last)	File (first) File (last)
Narval/file location	File (first) File (last)	File (first) File (last)
Merged(Narval+MBS)/file location	File (first) File (last)	Start Stop
PURPOSE OF MEASUREMENT: (Centered Isotope)	<input type="checkbox"/> Calibration run <input type="checkbox"/> Production run	
COMMENTS: <i>For the longest and well dosed timing charged T: 0.0 → 2.0 w: 12.0 → 22.0</i>		Shift-in-charge
FRS/BEAMLINE elements	<p><input checked="" type="checkbox"/> SEETRAM <input type="checkbox"/> SCI-01 <input checked="" type="checkbox"/> FRS-TAO <input checked="" type="checkbox"/> S1-degrader <input checked="" type="checkbox"/> S2-degrader <input checked="" type="checkbox"/> SCI-21 <input type="checkbox"/> S4-degrader <input checked="" type="checkbox"/> LYCCA-Start <input checked="" type="checkbox"/> LYCCA-TaStart <input checked="" type="checkbox"/> TA1 <input checked="" type="checkbox"/> TaDSSD</p> <p>SPILL spill length: <input type="text" value="3 sec"/> period: <input type="text" value="7 sec"/></p> <p>FRS setting No. <input type="text" value="Sci26-19"/></p> <p>PRIMARY BEAM Element: <input type="text" value="86 Kr"/> SIS energy [MeV/u] <input type="text" value="400 MeV/u"/></p> <p>Intensity-SEETRAM HFSED3... <input checked="" type="checkbox"/> out Thickness: <input type="text" value=""/></p> <p>PROD. TARGET TS1ET5HS, TS1ET5VS; number: <input type="text" value="35"/> element: <input type="text" value="Be"/> thickness: <input type="text" value="2.5 g/cm<sup>2</sup>"/></p>	<p>MAGNETS Field values from Hall probes: TS3MU1: <input type="text" value="0.90885"/> TS3MU2: <input type="text" value="0.84214"/> TS4MU1: <input type="text" value="0.66764"/> HFSMU1: <input type="text" value="0.66445"/></p> <p>FRS-RATES (counts/spill) TS3DS2HR (right): <input type="text" value="S2,867"/> TS4DS1HL (left): <input type="text" value="S2,302"/></p> <p>S2 SLITS <input checked="" type="checkbox"/> open beam plug out TS4DS1HR (right): <input type="text" value="10 kHz veto dT : S2,867"/> TS4DS1VO (left): <input type="text" value="SC21L: 17145"/> TS4DS1VU (right): <input type="text" value="SC21R: 17146"/> TS4DS1VU (right): <input type="text" value="Ta-ToF-LYCCA : 3489"/> TS4DS1VU (right): <input type="text" value="HECTOR : 531"/></p> <p>S3 SLITS <input checked="" type="checkbox"/> open TS4DS3HL (left): <input type="text" value="SC41L: 3419"/> TS4DS3HR (right): <input type="text" value="SC41R: 3765"/></p> <p>S4 SLITS HFSDS3H (left): <input type="text" value="TA1 + 35"/> HFSDS3H (right): <input type="text" value="HFSDS3H - 35"/> Pb Brick (top): <input type="text" value=""/> Pb Brick (bottom): <input type="text" value=""/></p> <p>LYCCA / Pls. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on eLog LN2: <input type="text" value="2.0 mm"/> LN2 Last Filling: <input type="text" value=""/> Tank1 Vol. (%): <input type="text" value=""/> Position: <input type="text" value=""/> Cutter / Bevel height: <input type="text" value=""/></p>

From file 03ug, it is higher intensity
with higher intensity (~50%) spill length is 4 ms)

Exp No.	Primary Beam:	Date
MB\$/file location	File (first) File (last)	File (first) File (last)
Narval/file location	File (first) File (last)	File (first) File (last)
Merged(Narval+MBS)/file location	File (first) File (last)	File (first) File (last)
PURPOSE OF MEASUREMENT: (Centered Isotope)	<input type="checkbox"/> Calibration run <input checked="" type="checkbox"/> Production run	
COMMENTS: <i>Changing the S1 slits length from spec to +10</i>	shift-in-charge	
FRS/BEAMLINE elements	S1 DEGRADER TS3ED2... Thickness: <i>1.6 cm²</i> <input checked="" type="checkbox"/> SEETRAM <input type="checkbox"/> SCI-01 <input checked="" type="checkbox"/> FRS-TA0 <input type="checkbox"/> S1-degrader <input type="checkbox"/> S2-degrader <input checked="" type="checkbox"/> SCI-21 <input type="checkbox"/> S4-degrader <input checked="" type="checkbox"/> LYCCA-Start <input type="checkbox"/> LYCCA-TaStart <input checked="" type="checkbox"/> TA1 <input checked="" type="checkbox"/> TaDSSD	
SPILL	S2 DEGRADER TS3ED7... Thickness: <i>6.9 cm²</i> <input type="checkbox"/> period: <i>10 sec</i> spill length: <i>4 sec</i>	
FRS setting No.	S1 SLITS beam stop out TS2DS3HL (left): TS2DS3HR (right): <i>0.90885</i> S2 SLITS beam plug out TS2DS3VO (top): TS2DS3VU (bottom): S1 SLITS <i>changing</i> beam plug out TS3DS2HL (left): TS3DS2HR (right): <i>92867</i> S2 SLITS <i>copying</i> beam plug out TS4DS1HL (left): TS4DS1HR (right): <i>802315</i> PRIMARY BEAM Element: <i>66Lc</i> SIS energy [MeV/u]: <i>700 MeV/u</i> Intensity-SEETRAM <i>4000</i>	
PROD. TARGET	S4 DEGRADER HFSED3... Thickness: O (Wedge Open): U (Wedge Unten): number: <i>35</i> element: <i>Be</i> thickness: <i>2 g/cm²</i>	
	MAGNETS Field values from Hall probes: TS3MU1: <i>0.90885</i> TS3MU2: <i>84214</i> TS4MU1: <i>64474</i> HFSMU1: <i>64475</i> FRS-TRIGGER <input type="checkbox"/> SCI21 <input checked="" type="checkbox"/> SCI41 <input type="checkbox"/> Other:	
	FRS-RATES (counts/spill) 10 kHz: <i>92867</i> FRS-RATES (Validated/Rejected) AGATA : FRS : SC21L: <i>240395</i> SC21R: <i>240810</i> S3 SLITS TS4DS3HL (left): TS4DS3HR (right): <i>100834</i> SC41R: <i>94735</i> S4 SLITS HFSDS3H (left): <i>copy</i> HFSDS3H (right): <i>35</i> Ta1 Element : <i>Au / Au</i> LN2 Thickness: <i>2 mm / 1 mm</i> Pb Brick (top): Pb Brick (bottom):	
	LYCCA / Pls. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog LN2 Last Filling : Tank1 Vol. (%): <i>20</i> Tank2 Vol. (%): <i>20</i>	
	New file 354 SO - open <i>S1 → -10 +20</i> <i>S2 → x open, Y +20</i> <i>(Dashed) from file 355</i> <i>S1 → +10 -20</i> <i>S2 → +20 -20</i> <i>S2 +20 -20</i> <i>Y +20 -20</i>	

Check list

Name: Awneesh Goocra

Time: 9 h:00

Agata

- Run number: 76
- Agata requested: 1276
- Agata validated: 1138
- Screenshot trigger rate + spectrum of time coincidence : ✓ GTS - 2003 2014 - 9 h:00. pmq
- Check in Go4 that all Agata-TDC spectra are there:
- Check that the last .cdat files has been written less then 10 minutes ago for all the crystals: ✓
- Copy and paste in a text file the GTS rate: GTS - 2003 2014 - 9 h:00. tsz
- Check Spectra of all crystals: ✓
- Check at the sum spectra "Global level":
 - number of counts in 511 keV:
 - number of counts in 1460 keV K:
- Crystals with problems: 6A (free back pressure)

General

- lmd file nr: 76
- Beam intensity:
- Scaler sc at S4: 400 /s
- Scaler sc at S2: 250/s (+)
- Check in Go4 all the spectra of the list*:
 - Check in Go4 the hit pattern of the Wall
 - Check in Go4 the triggers:

Comments:

Exp No.	Primary Beam:	Date		
MBS/file location	File (first) File (last)	... - 0357.lmc		
Narval/file location	File (first) File (last)	AR ->27		
Merged(Narval+MBS)/file location	File (first) File (last)	Start Stop		
PURPOSE OF MEASUREMENT: (Centered Isotope)	<input type="checkbox"/> Calibration run <input checked="" type="checkbox"/> Production run			
COMMENTS:	shift-in-charge			
FRS/BEAMLINE elements	S1 DEGRADER TS3ED2...	S0 SLITS <input checked="" type="checkbox"/> beam stop out TS2DS3HL (left); Thickness: 2.9 (acc. n. Wedge used: S1-degrader S2-degrader SCI-21 S4-degrader LYCCA-Start LYCCA-TaStart TA1 TadSSD SPILL spill length: 9 sec period: 12 sec FRS setting No. SL 26 - 19	MAGNETS Field values from Hall probes: TS3MU1: 90875 TS3MU2: 86214 TS4MU1: 647414 HFSMU1: 64685 S1 SLITS <input type="checkbox"/> beam plug out TS3DS2HL (left); + TS3DS2HR (right); + S2 DEGRADER TS3ED7... Thickness: 5.9 (acc. L (Ladder): D (Disk): V/O (Wedge Oben); HFSED3... Intensity-SEETRAM PROD. TARGET TS1ET5HS, TS1ET5VS; number: 35 element: Be thickness: 2.9 (acc.)	PreSPEC-Trig/red. <input type="checkbox"/> Pulser(1) / <input type="checkbox"/> LYCCA cal(2) / <input type="checkbox"/> AgataCal(3) / <input type="checkbox"/> HEC Cal(4) / <input type="checkbox"/> FRS from TB(5) / <input type="checkbox"/> p+HEC(6) / <input type="checkbox"/> p+Agata(7) / <input type="checkbox"/> p+HEC+Lyc(8) / <input type="checkbox"/> p+Agata+Lyc(9) / <input type="checkbox"/> Part-SC41(10) / <input type="checkbox"/> Spill-on(12) / <input type="checkbox"/> Spill-off(13) / FRS-TRIGGER <input type="checkbox"/> SCI21 <input checked="" type="checkbox"/> SCI41 <input type="checkbox"/> Other: PreSPEC-Rates (Validated/Rejected) AGATA : FRS : Ta-ToF-LYCCA : 386042 HECTOR : 83489 LYCCA / PIs. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog LN2 LN2 Last Filling : JET 12 fm ea Tank1 Vol. (%) : Position: center / bias Tank2 Vol. (%) : Filled

Exp No.	Primary Beam:		Date																																																																																																																																																												
	MBS/file location	File (first) File (last)	File (first) File (last)	Start close file ...																																																																																																																																																											
Narval/file location	<input checked="" type="checkbox"/> File (first) <input checked="" type="checkbox"/> File (last)	<i>AlphaRun 28</i>	<input checked="" type="checkbox"/> Stop <input checked="" type="checkbox"/> Start	0372-1.mjd																																																																																																																																																											
Merged(Narval+MBS)/file location	<input checked="" type="checkbox"/> File (first) <input checked="" type="checkbox"/> File (last)		<input checked="" type="checkbox"/> Stop <input checked="" type="checkbox"/> Start																																																																																																																																																												
PURPOSE OF MEASUREMENT: (Centered Isotope)																																																																																																																																																															
		<input type="checkbox"/> Calibration run	<input checked="" type="checkbox"/> Production run																																																																																																																																																												
COMMENTS: shift-in-charge																																																																																																																																																															
<table border="1"> <tr> <td>FRS/BEAMLINE elements</td> <td>S1 DEGRADER TS3ED2...</td> <td>S0 SLITS <input type="checkbox"/> beam stop out TS2DS3HL (left): Thickness: <i>2.9 cm²</i></td> <td>MAGNETS Field values from Hall probes: TS3MU1: <i>9.0865</i></td> <td>PreSPEC-Tig/red. <input checked="" type="checkbox"/> Pulser(1) / <input type="checkbox"/> LYCCA cal(2) / <input type="checkbox"/> AgataCal(3) / <input type="checkbox"/> HEC Cal(4) / <input type="checkbox"/> FRS from TB(5) / <input type="checkbox"/> p+HEC(6) / <input type="checkbox"/> p+Agata(7) / <input type="checkbox"/> p+HEC+Lyc(8) / <input type="checkbox"/> p+Agata+Lyc(9) / <input checked="" type="checkbox"/> Part-SC41(10) / <input checked="" type="checkbox"/> Spill-on(12) / <input type="checkbox"/> Spill-off(13) / <input checked="" type="checkbox"/> FRS-TRIGGER</td> </tr> <tr> <td><input checked="" type="checkbox"/> SEETRAM</td> <td></td> <td></td> <td>TS2DS3HR (right): TS2DS3VO (top): TS2DS3VU (bottom): O2 (Wedge Oben): V1 (Wedge Unten): S1 SLITS <input type="checkbox"/> beam plug out TS3DS2HL (left): TS3DS2HR (right): Thickness: <i>5.9/cm²</i></td> <td><input type="checkbox"/> SCI 21 <input checked="" type="checkbox"/> SCI 41 <input type="checkbox"/> Other:</td> </tr> <tr> <td><input type="checkbox"/> SCI-01</td> <td></td> <td></td> <td>S2 SLITS <input type="checkbox"/> beam plug out TS4DS1HL (left): Thickness: <i>5.9/cm²</i></td> <td>PreSPEC-Rates (Validated/Rejected) AGATA : FRS :</td> </tr> <tr> <td><input checked="" type="checkbox"/> FRS-TAO</td> <td></td> <td></td> <td>TS4DS1HR (right): <i>+ 30 - 20</i></td> <td>AGATA : TS-Tof-LYCCA : <i>385289</i></td> </tr> <tr> <td>S1-degrader</td> <td></td> <td></td> <td>TS4DS1VO (left): V0 (Wedge Oben): V0 (Wedge Unten): S4 DEGRADER HFSED3... Intensity-SEETRAM <i>12000</i></td> <td>HECTOR : <i>32065</i></td> </tr> <tr> <td>S2-degrader</td> <td></td> <td></td> <td>TS4DS1VU (right): TS4DS3HL (left): Thickness: <i>7.00</i></td> <td>LYCCA / Pls. check <input type="checkbox"/> Run sheet filled <input type="checkbox"/> Run sheet uploaded on elog</td> </tr> <tr> <td>SCI-21</td> <td></td> <td></td> <td>TS4DS3HR (right): U (Wedge Oben): U (Wedge Unten): number: <i>35</i></td> <td>Ta1 Element : <i>Au / Au</i></td> </tr> <tr> <td>S4-degrader</td> <td></td> <td></td> <td>PROD. TARGET TS1ET5HS, TS1ET5VS: element: <i>Be</i></td> <td>LN2 LN2 Last Filling : Tank1 Vol. (%) : Tank2 Vol. (%) : <i>✓</i></td> </tr> <tr> <td>LYCCA-Start</td> <td></td> <td></td> <td>thickness: <i>2.9 g/cm²</i></td> <td></td> </tr> <tr> <td>LYCCA-TaStart</td> <td></td> <td></td> <td>Pb Brick (top): Pb Brick (bottom): Position: <i>order / clean / seal</i></td> <td></td> </tr> <tr> <td>TA1</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TaDSSD</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>SPILL</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>spill length:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>period:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><i>9 sec</i></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><i>12 sec</i></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>FRS setting No.</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><i>SL4 26 - 19</i></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>PRIMARY BEAM</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Element: <i>86 Kr</i></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>SIS energy [MeV/u]</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><i>700</i></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Intensity-SEETRAM</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><i>12000</i></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>PROD. 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S0 SLITS <input type="checkbox"/> beam stop out TS2DS3HL (left): Thickness: <i>2.9 cm²</i>	MAGNETS Field values from Hall probes: TS3MU1: <i>9.0865</i>	PreSPEC-Tig/red. <input checked="" type="checkbox"/> Pulser(1) / <input type="checkbox"/> LYCCA cal(2) / <input type="checkbox"/> AgataCal(3) / <input type="checkbox"/> HEC Cal(4) / <input type="checkbox"/> FRS from TB(5) / <input type="checkbox"/> p+HEC(6) / <input type="checkbox"/> p+Agata(7) / <input type="checkbox"/> p+HEC+Lyc(8) / <input type="checkbox"/> p+Agata+Lyc(9) / <input checked="" type="checkbox"/> Part-SC41(10) / <input checked="" type="checkbox"/> Spill-on(12) / <input type="checkbox"/> Spill-off(13) / <input checked="" type="checkbox"/> FRS-TRIGGER	<input checked="" type="checkbox"/> SEETRAM			TS2DS3HR (right): TS2DS3VO (top): TS2DS3VU (bottom): O2 (Wedge Oben): V1 (Wedge Unten): S1 SLITS <input type="checkbox"/> beam plug out TS3DS2HL (left): TS3DS2HR (right): Thickness: <i>5.9/cm²</i>	<input type="checkbox"/> SCI 21 <input checked="" type="checkbox"/> SCI 41 <input type="checkbox"/> Other:	<input type="checkbox"/> SCI-01			S2 SLITS <input type="checkbox"/> beam plug out TS4DS1HL (left): Thickness: <i>5.9/cm²</i>	PreSPEC-Rates (Validated/Rejected) AGATA : FRS :	<input checked="" type="checkbox"/> FRS-TAO			TS4DS1HR (right): <i>+ 30 - 20</i>	AGATA : TS-Tof-LYCCA : <i>385289</i>	S1-degrader			TS4DS1VO (left): V0 (Wedge Oben): V0 (Wedge Unten): S4 DEGRADER HFSED3... Intensity-SEETRAM <i>12000</i>	HECTOR : <i>32065</i>	S2-degrader			TS4DS1VU (right): TS4DS3HL (left): Thickness: <i>7.00</i>	LYCCA / Pls. check <input type="checkbox"/> Run sheet filled <input type="checkbox"/> Run sheet uploaded on elog	SCI-21			TS4DS3HR (right): U (Wedge Oben): U (Wedge Unten): number: <i>35</i>	Ta1 Element : <i>Au / Au</i>	S4-degrader			PROD. TARGET TS1ET5HS, TS1ET5VS: element: <i>Be</i>	LN2 LN2 Last Filling : Tank1 Vol. (%) : Tank2 Vol. (%) : <i>✓</i>	LYCCA-Start			thickness: <i>2.9 g/cm²</i>		LYCCA-TaStart			Pb Brick (top): Pb Brick (bottom): Position: <i>order / clean / seal</i>		TA1					TaDSSD					SPILL					spill length:					period:					<i>9 sec</i>					<i>12 sec</i>					FRS setting No.					<i>SL4 26 - 19</i>					PRIMARY BEAM					Element: <i>86 Kr</i>					SIS energy [MeV/u]					<i>700</i>					Intensity-SEETRAM					<i>12000</i>					PROD. TARGET					TS1ET5HS,					TS1ET5VS:					number: <i>35</i>					element: <i>Be</i>					thickness: <i>2.9 g/cm²</i>				
FRS/BEAMLINE elements	S1 DEGRADER TS3ED2...	S0 SLITS <input type="checkbox"/> beam stop out TS2DS3HL (left): Thickness: <i>2.9 cm²</i>	MAGNETS Field values from Hall probes: TS3MU1: <i>9.0865</i>	PreSPEC-Tig/red. <input checked="" type="checkbox"/> Pulser(1) / <input type="checkbox"/> LYCCA cal(2) / <input type="checkbox"/> AgataCal(3) / <input type="checkbox"/> HEC Cal(4) / <input type="checkbox"/> FRS from TB(5) / <input type="checkbox"/> p+HEC(6) / <input type="checkbox"/> p+Agata(7) / <input type="checkbox"/> p+HEC+Lyc(8) / <input type="checkbox"/> p+Agata+Lyc(9) / <input checked="" type="checkbox"/> Part-SC41(10) / <input checked="" type="checkbox"/> Spill-on(12) / <input type="checkbox"/> Spill-off(13) / <input checked="" type="checkbox"/> FRS-TRIGGER																																																																																																																																																											
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Check list

Name:

Time: 10:30 / 11:00

Agata

- Run number: 28
- Agata requested: 2.3 keV_z
- Agata validated: 4.7 keV_z
- Screenshot trigger rate + spectrum of time coincidence : GTS - 20032014 - 11400. put
- Check in Go4 that all Agata-TDC spectra are there: ✓
- Check that the last .cdat files has been written less then 10 minutes ago for all the crystals: ✓
- Copy and paste in a text file the GTS rate: GTS - 20032014 - 11400. put
- Check Spectra of all crystals: ✓
- Check at the sum spectra "Global level":
 - number of counts in 511 keV:
 - number of counts in 1460 keV K:
- Crystals with problems: 6A

General

- lnd file nr: Ar 28 ... 0366.lnd.
- Beam intensity:
- Scaler sc at S4: 650keV_z
- Scaler sc at S2: 350 keV_z
- Check in Go4 all the spectra of the list*:
 - Check in Go4 the hit pattern of the Wall ✓
 - Check in Go4 the triggers: ✓

Comments:

Exp No.	Primary Beam:	Date
MBS/file location	File (first) File (last)	- 373 /m.d
Narval/file location	File (first) File (last)	Start Stop
Merged(Narval+MBS)/file location	File (first) File (last)	Start Stop
PURPOSE OF MEASUREMENT: (Centered Isotope)	<input type="checkbox"/> Calibration run	<input type="checkbox"/> Production run
COMMENTS: <i>beam stability</i>	<input type="checkbox"/> Not stable (They had some prob.) shift-in-charge	
FRS/BEAMLINE elements	S1 DEGRADER TS3ED2... Thickness: <i>2.8/cm</i> S2 SLITS <input type="checkbox"/> beam stop out TS2DS3HL (left): TS2DS3HR (right): TS2DS3VO (top): TS2DS3VU (bottom): S1 SLITS <input type="checkbox"/> beam plug out TS3DS2HL (left): <i>F10</i> TS3DS2HR (right): S2 DEGRADER TS3ED7... Thickness: <i>9.9/cm</i> period: <i>10 s</i> L (Ladder): D (Disk): PRIMARY BEAM Element: <i>86 Kr</i> SIS energy [MeV/u] <i>400</i> Intensity-SEETRAM <i>135 000</i> PROD. TARGET TS1ET5HS, TS1ET5VS; number: <i>35</i> element: <i>Be</i> thickness: <i>2.5 g/cm²</i>	
MAGNETS	MAGNETS Field values from Hall probes: TS3MU1: <i>0.90865</i> TS3MU2: <i>0.8424</i> TS4MU1: <i>0.64534</i> HFSMU1: <i>0.64485</i> FRS-RATES (counts/spill) 10 kHz : <i>91729</i> 10 kHz veto dT : <i>90332</i> S2 SLITS <input type="checkbox"/> beam plug out TS4DS1HL (left): <i>F204</i> TS4DS1HR (right): <i>F308</i> V0 (Wedge Oben): TS4DS1VO (left): VU (Wedge Unten): TS4DS1VU (right): S4 DEGRADER HFSED3... Thickness: O (Wedge Oben): U (Wedge Unten): S4 SLITS TS4DS3HL (left): <i>F204</i> TS4DS3HR (right): HFSDS3H (left): <i>F352</i> HFSDS3H (right): Pb Brick (top): Pb Brick (bottom):	
PreSPEC-Trig/red.	<input checked="" type="checkbox"/> Pulser(1) /..... <input type="checkbox"/> LYCCA cal(2) /..... <input type="checkbox"/> AgataCal(3) /..... <input type="checkbox"/> HEC Cal(4) /..... <input type="checkbox"/> FRS from TB(5) /..... <input type="checkbox"/> p+HEC(6) /..... <input type="checkbox"/> p+Agata(7) /..... <input type="checkbox"/> p+HEC+LyC(8) /..... <input type="checkbox"/> p+Agata+LyC(9) /..... <input type="checkbox"/> Part-SC4(10) /..... <input type="checkbox"/> Spill-on(12) /..... <input type="checkbox"/> Spill-off(13) /..... FRS-TRIGGER <input type="checkbox"/> SCI21 <input checked="" type="checkbox"/> SCI41 <input type="checkbox"/> Other:	
PreSPEC Rates (Validated/Rejected)	AGATA : FRS: SC21L: <i>265708</i> SC21R: <i>412894</i> SC41L: <i>224936</i> SC41R: <i>164992</i> HECTOR : <i>177900</i> Ta-Tof-LYCCA : LYCCA / PIs. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog LN2 LN2 Last Filling : Tank1 Vol. (%) : Tank2 Vol. (%) : <i>Cooler sheet</i>	

Check list

Name:

Time: 13:22

Agata

- Run number: 13029
- Agava requested: 358
- Agava validated: ✓
- Screenshot trigger rate + spectrum of time coincidence : ✓
- Check in Go4 that all Agata-TDC spectra are there: ✓
- Check that the last .cdat files has been written less then 10 minutes ago for all the crystals: ✓
- Copy and paste in a text file the GTS rate: ✓
- Check Spectra of all crystals:
- Check at the sum spectra "Global level":
 - number of counts in 511 keV:
 - number of counts in 1460 keV K:
- Crystals with problems: OB and GA stopped

General

- lmd file nr: 343
- Beam intensity: 135 ± 8%
- Scaler sc at S4:
- Scaler sc at S2:
- Check in Go4 all the spectra of the list* :
- Check in Go4 the hit pattern of the Wall
- Check in Go4 the triggers: 1, 3, 8, 9, 10

Comments:

Unstable beam

Exp No.	Primary Beam:	Date																				
MBS/file location	File (first) File (last)	Start Stop																				
Narval/file location	File (first) File (last)	Start Stop																				
Merged(Narval+MBS)/file location	File (first) File (last)	Start Stop																				
PURPOSE OF MEASUREMENT: (Centered Isotope)	<input type="checkbox"/> Calibration run <input type="checkbox"/> Production run																					
COMMENTS: Beam is shared with Dirth. Beam was gone in last beam.	shift-in-charge																					
<table border="1"> <tr> <td>FRS/BEAMLINE</td> <td>S1 DEGRADER TS3ED2...</td> <td>MAGNETS Field values from Hall probes: TS3MU1: 90945 TS3MU2: 86224 TS4MU1: 66934 HFSMU1: 66934</td> <td>PreSPEC-Trig/red. <input type="checkbox"/> Puiser(1) / LYCCA cal(2) / <input type="checkbox"/> AgataCal(3) / <u>44</u>. HEC Cal(4) / <input type="checkbox"/> FRS from TB(5) / <input type="checkbox"/> p+HEC(6) / <input type="checkbox"/> p+Agata(7) / <input checked="" type="checkbox"/> p+HEC+LyC8(2) / <input type="checkbox"/> p+Agata+LyC9(3) / <input type="checkbox"/> Part-SC4(10) / <input type="checkbox"/> Spill-on(12) / <input type="checkbox"/> Spill-off(13) / <input type="checkbox"/> FRS-TRIGGER</td> </tr> <tr> <td>elements</td> <td>SEETRAM <input checked="" type="checkbox"/> SCI-01 <input checked="" type="checkbox"/> FRS-TA0 <input type="checkbox"/> S1-degrader <input type="checkbox"/> S2-degrader <input checked="" type="checkbox"/> SCI-2+</td> <td>beam stop out TS2DS3HL (left): TS2DS3HR (right): TS2DS3VO (top): TS2DS3VU (bottom): S1 SLITS beam plug out TS3DS2HL (left): TS3DS2HR (right): S2 DEGRADER TS3ED7... L (Ladder): D (Disk): VO (Wedge Oben): VU (Wedge Unten): S4 DEGRADER HFSED3... O (Wedge Oben): U (Wedge Unten):</td> <td><input type="checkbox"/> SCI21 <input checked="" type="checkbox"/> SCI41 <input type="checkbox"/> Other:</td> </tr> <tr> <td>FRS setting No.</td> <td>5426-19</td> <td>FRS-RATES (counts/spill) 10 kHz : 77629 10 kHz veto dT : 76510</td> <td>PreSPEC-Rates (Validated/Rejected) AGATA : 1191114 FRS : 1470 / 2000 Ta-ToF-LYCCA : 129</td> </tr> <tr> <td>PRIMARY BEAM</td> <td>Element: 86 Kr Si energy [MeV/u]: 700</td> <td>TS4DS1HL (left): TS4DS1HR (right): TS4DS1VO (left): TS4DS1VU (right): S3 SLITS TS4DS3HL (left): TS4DS3HR (right): HFSDS3H (left): HFSDS3H (right):</td> <td>HECTOR : 1780 SC41L: 884 SC41R: 878 TA1 Element : Au / Au</td> </tr> <tr> <td>PROD. TARGET</td> <td>TS1ET5HS, TS1ET5VS: number: 35</td> <td>Pb Brick (top): Pb Brick (bottom):</td> <td>LYCCA / Pls. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog LN2 LN2 Last Filling: 01.02.2012 Tank1 Vol. (%): Tank2 Vol. (%): ✓</td> </tr> </table>			FRS/BEAMLINE	S1 DEGRADER TS3ED2...	MAGNETS Field values from Hall probes: TS3MU1: 90945 TS3MU2: 86224 TS4MU1: 66934 HFSMU1: 66934	PreSPEC-Trig/red. <input type="checkbox"/> Puiser(1) / LYCCA cal(2) / <input type="checkbox"/> AgataCal(3) / <u>44</u> . HEC Cal(4) / <input type="checkbox"/> FRS from TB(5) / <input type="checkbox"/> p+HEC(6) / <input type="checkbox"/> p+Agata(7) / <input checked="" type="checkbox"/> p+HEC+LyC8(2) / <input type="checkbox"/> p+Agata+LyC9(3) / <input type="checkbox"/> Part-SC4(10) / <input type="checkbox"/> Spill-on(12) / <input type="checkbox"/> Spill-off(13) / <input type="checkbox"/> FRS-TRIGGER	elements	SEETRAM <input checked="" type="checkbox"/> SCI-01 <input checked="" type="checkbox"/> FRS-TA0 <input type="checkbox"/> S1-degrader <input type="checkbox"/> S2-degrader <input checked="" type="checkbox"/> SCI-2+	beam stop out TS2DS3HL (left): TS2DS3HR (right): TS2DS3VO (top): TS2DS3VU (bottom): S1 SLITS beam plug out TS3DS2HL (left): TS3DS2HR (right): S2 DEGRADER TS3ED7... L (Ladder): D (Disk): VO (Wedge Oben): VU (Wedge Unten): S4 DEGRADER HFSED3... O (Wedge Oben): U (Wedge Unten):	<input type="checkbox"/> SCI21 <input checked="" type="checkbox"/> SCI41 <input type="checkbox"/> Other:	FRS setting No.	5426-19	FRS-RATES (counts/spill) 10 kHz : 77629 10 kHz veto dT : 76510	PreSPEC-Rates (Validated/Rejected) AGATA : 1191114 FRS : 1470 / 2000 Ta-ToF-LYCCA : 129	PRIMARY BEAM	Element: 86 Kr Si energy [MeV/u]: 700	TS4DS1HL (left): TS4DS1HR (right): TS4DS1VO (left): TS4DS1VU (right): S3 SLITS TS4DS3HL (left): TS4DS3HR (right): HFSDS3H (left): HFSDS3H (right):	HECTOR : 1780 SC41L: 884 SC41R: 878 TA1 Element : Au / Au	PROD. TARGET	TS1ET5HS, TS1ET5VS: number: 35	Pb Brick (top): Pb Brick (bottom):	LYCCA / Pls. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog LN2 LN2 Last Filling: 01.02.2012 Tank1 Vol. (%): Tank2 Vol. (%): ✓
FRS/BEAMLINE	S1 DEGRADER TS3ED2...	MAGNETS Field values from Hall probes: TS3MU1: 90945 TS3MU2: 86224 TS4MU1: 66934 HFSMU1: 66934	PreSPEC-Trig/red. <input type="checkbox"/> Puiser(1) / LYCCA cal(2) / <input type="checkbox"/> AgataCal(3) / <u>44</u> . HEC Cal(4) / <input type="checkbox"/> FRS from TB(5) / <input type="checkbox"/> p+HEC(6) / <input type="checkbox"/> p+Agata(7) / <input checked="" type="checkbox"/> p+HEC+LyC8(2) / <input type="checkbox"/> p+Agata+LyC9(3) / <input type="checkbox"/> Part-SC4(10) / <input type="checkbox"/> Spill-on(12) / <input type="checkbox"/> Spill-off(13) / <input type="checkbox"/> FRS-TRIGGER																			
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PROD. TARGET	TS1ET5HS, TS1ET5VS: number: 35	Pb Brick (top): Pb Brick (bottom):	LYCCA / Pls. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog LN2 LN2 Last Filling: 01.02.2012 Tank1 Vol. (%): Tank2 Vol. (%): ✓																			

* Energy thresholds are being modified starting at 20.000

Exp No.	Primary Beam:	Date
MBS/file location	File (first) File (last)	Start Stop
Narval/file location	File (first) File (last)	Start Stop
Merged(Narval+MBS)/file location	File (first) File (last)	Start Stop
PURPOSE OF MEASUREMENT: (Centered Isotope)	<input type="checkbox"/> Calibration run <input type="checkbox"/> Production run	
COMMENTS:	Beam was gone for 20 min.	
FRS/BEAMLINE elements	S1 DEGRADER TS3ED2... <input type="checkbox"/> SEETRAM <input type="checkbox"/> SCI-01 <input checked="" type="checkbox"/> FRS-TAO <input type="checkbox"/> S1-degrader <input type="checkbox"/> S2-degrader <input type="checkbox"/> SCI-21 <input type="checkbox"/> S4-degrader <input checked="" type="checkbox"/> LYCCA-Start <input checked="" type="checkbox"/> LYCCA-TaStart <input type="checkbox"/> TA1 <input checked="" type="checkbox"/> TaDSSD	
SPILL	S2 DEGRADER TS3ED7... <input type="checkbox"/> spill length: 9 sec <input type="checkbox"/> period: 12 sec	
FRS setting No.	S3 SLITS <input type="checkbox"/> L (Ladder): <input type="checkbox"/> D (Disk): 5426-19	
PRIMARY BEAM	V0 (Wedge Oben): VU (Wedge Unten): S4 DEGRADER HFSED3...	
Intensity-SEETRAM	1.083296 Thickness: 2.5 g/cm ²	
PROD. TARGET	TS1ET5HS, TS1ET5VS: number: 35 <input type="checkbox"/> element: Be thickness: 2.5 g/cm ²	
FRS/BEAMLINE	S0 SLITS <input type="checkbox"/> beam stop out TS2DS3HL (left): TS2DS3HR (right): TS2DS3VO (top): TS2DS3VU (bottom): S1 SLITS <input type="checkbox"/> beam plug out TS3DS2HL (left): TS3DS2HR (right): S2 SLITS <input type="checkbox"/> beam plug out TS4DS1HL (left): TS4DS1HR (right): TS4DS1VO (left): TS4DS1VU (right): S3 SLITS TS4DS3HL (left): TS4DS3HR (right): S4 SLITS O (Wedge Oben): U (Wedge Unten):	
MAGNETS	Field values from Hall probes: TS3MU1: 90945 TS3MU2: 84224 TS4MU1: 64534 HFSMU1: 66465	
PresPEC-Trig/red.	<input type="checkbox"/> Pulser(1) / <input type="checkbox"/> LYCCA cal(2) / <input checked="" type="checkbox"/> AgataCal(3) / <input type="checkbox"/> HE-Calf(2) / <input type="checkbox"/> FRS from TB(5) / <input type="checkbox"/> p+HEC(6) / <input type="checkbox"/> p+Agata(7) / <input type="checkbox"/> p+HEC+Lyc(8) / <input checked="" type="checkbox"/> p+Agata+Hyet(9) / <input checked="" type="checkbox"/> Part-SC41(10) / <input type="checkbox"/> Spill-on(+2) / <input type="checkbox"/> Spill-off(13) /	
FRS-TRIGGER	<input type="checkbox"/> SCI21 <input checked="" type="checkbox"/> SCI41 <input type="checkbox"/> Other:	
PreSPEC-Rates	(Validated/Rejected) AGATA : 56/472 FRS : 160 / 1900 Ta-ToF-LYCCA : 80/2 HECTOR : 1723	
LYCCA / PIs. check	<input type="checkbox"/> Run sheet filled <input type="checkbox"/> Run sheet uploaded on elog LN2 LN2 Last Filling : Tank1 Vol. (%) : Tank2 Vol. (%) :	
	✓ The rights are working in Uni, sheet chunk has 1	

Check list

Name: Cesar

Time: 19.40

Agata

- Run number: 31
- Agava requested: Go4
- Agava validated: S4
- Screen shot trigger rate + spectrum of time coincidence : → Crosscheck without time coincidence
- Check in Go4 that all Agata-TDC spectra are there: ✓
- Check that the last .cdat files has been written less then 10 minutes ago for all the crystals:
- Copy and paste in a text file the GTS rate: ✓
- Check Spectra of all crystals: ✓
- Check at the sum spectra "Global level":
 - number of counts in 511 keV:
 - number of counts in 1460 keV K:
- Crystals with problems: 4B → blinking yellow / 01B → Very high
General
 - time spectra in $\gamma^{\circ} 4$ has 1 peak.
 - scaler \rightarrow no 1 peak.
- lmd file nr: 0377
- Beam intensity: ~~4B~~ $\sim 1.1 \cdot 10^6$
- Scaler sc at S4:
- Scaler sc at S2:
- Check in Go4 all the spectra of the list* :
- Check in Go4 the hit pattern of the Wall
- Check in Go4 the triggers: 2, 3, 7, 9, 10

Comments:

4B is not blinking anymore ... (no : 20)

Check list

Name:

Time: 10 : 30

Agata

- Run number: 32
- Agava requested: 382
- Agava validated: 316
- Screenshot trigger rate + spectrum of time coincidence : ✓
- Check in Go4 that all Agata-TDC spectra are there: ✓
- Check that the last .cdat files has been written less then 10 minutes ago for all the crystals:
- Copy and paste in a text file the GTS rate: ✓
- Check Spectra of all crystals:
- Check at the sum spectra "Global level":
 - number of counts in 511 keV:
 - number of counts in 1460 keV K:
- Crystals with problems: ○○β stepped

General

- lmd file nr: 349
- Beam intensity: 9.10⁵ (GTS 2DIMP)
- Scaler sc at S4: 110.10³ ? In 2011 scalers size and size look like same. we are using the same.
- Scaler sc at S2: 180.10³ ?
- Check in Go4 all the spectra of the list* :
- Check in Go4 the hit pattern of the Wall ✓
- Check in Go4 the triggers: 1, 2, 4, 8, 9, 10

Comments:

Exp No.	S4L6	Primary Beam:	He_K	Date	2003-06-16
MBS/file location	<i>Path to MBS files</i>	File (first)	TSR-v0.1ex - A632-0379	Start	10:30
		File (last)		Stop	
Naval/file location	<i>Path to Naval files</i>	File (first)		Start	10:30
		File (last)		Stop	
Merged(Naval+MBS)/file location	<i>Path to merged files</i>	File (first)		Start	
		File (last)		Stop	
PURPOSE OF MEASUREMENT: (Centered Isotope) <input type="checkbox"/> Calibration run <input checked="" type="checkbox"/> Production run					
COMMENTS: Sharing S0/S0 with biophysics at 10 fm shift-in-charge <i>at 10 fm biophysics is not using beam environment</i> 40% dead time in spall					
MAGNETS <input type="checkbox"/> beam stop out <input type="checkbox"/> beam stop in Hall probes: TS2DS3HL (left): TS2DS3HR (right): TS2DS3VO (top): TS2DS3VU (bottom): S0 SLITS <input type="checkbox"/> beam plug out TS3DS2HL (left): TS3DS2HR (right): S1 DEGRADER TS3ED2... Thickness: 2 mm Wedge used: #1 O2 (Wedge Oben): ~31,25 mm V1 (Wedge Unten): ~2,52 mm S1 SLITS <input type="checkbox"/> beam plug out TS3DS2HL (left): TS3DS2HR (right): S2 DEGRADER TS3ED7... Thickness: 5 mm L (Ladder): ~107,7 mm D (Disk): 26,2 mm V0 (Wedge Oben): VO (Wedge Unten): ~2,98,0 mm VU (Wedge Unten): VU (Wedge Unten): ~2,98,0 mm S2 SLITS <input type="checkbox"/> beam plug out TS4DS1HL (left): ~30 mm TS4DS1HR (right): ~30 mm TS4DS1VO (left): ~30 mm TS4DS1VU (right): ~2,0 mm S3 DEGRADER HFSED3... Thickness: / O (Wedge Oben): U (Wedge Unten): / PROD. TARGET TS1ET5HS, TS1ET5VS: number: 35 element: β_e thickness: 2,541 mm					
PRESPEC-Trig/red. <input checked="" type="checkbox"/> Pulser(1) / <input type="checkbox"/> LYCCA cal(2) / <input type="checkbox"/> AgataCal(3) / 2.9... <input type="checkbox"/> HEC Cal(4) / <input type="checkbox"/> FRS from TB(5) / <input type="checkbox"/> p+HEC(6) / <input type="checkbox"/> p+Agata(7) / <input type="checkbox"/> p+HEC+LyC(8) / 2.8... <input type="checkbox"/> p+Agata+LyC(9) / <input type="checkbox"/> Part-SC41(10) / 2.8... <input type="checkbox"/> Spill-on(12) / <input type="checkbox"/> Spill-off(13) / FRS-TRIGGER <input type="checkbox"/> SCI21 <input checked="" type="checkbox"/> SCI41 <input type="checkbox"/> Other:					
PRESPEC-Rates (Validated/Rejected) AGATA : FRS : Ta-ToF-LYCCA : HECTOR :					
FRS-RATES (counts/spill)					
10 kHz : 104 k 10 kHz veto dT : 75 k SC21L: 350 k SC21R: 325 k SC41L: 490 k SC41R: 440 k					
LYCCA / PIs. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on eLog LN2 LN2 Last Filling : $A_0 : 30$ Tank1 Vol. (%) : 94% Tank2 Vol. (%) : 85%					
S4 SLITS TS4DS3HL (left): ~2,0 mm TS4DS3HR (right): ~3,4 mm HFSDSS3H (left): ~3,5 mm HFSDSS3H (right): ~3,5 mm Pb Brick (top): Pb Brick (bottom):					
Position: <i>center & down</i>					

Exp No.	S426	Primary Beam:	86Kr	Date	20.03.14, 23:55																																																																																																													
MBS/file location	<i>Aris Sauer</i> - A6-A4/data	File (first)	88B5-calibration/BS2 - 0389.lnd	Start	10:30																																																																																																													
Narval/file location	<i>Afagatulus</i> /data/2014/140314_Pulse	File (last)		Stop	05:10																																																																																																													
Merged(Narval+MBS)/file location		File (first)	ar32	Start	10:30																																																																																																													
		File (last)		Stop	05:15																																																																																																													
PURPOSE OF MEASUREMENT: (Centered Isotope) <input type="checkbox"/> Calibration run <input checked="" type="checkbox"/> Production run																																																																																																																		
<p><i>M-Cards</i> 85Br</p> <p>COMMENTS: 00:26 Give beam to parasitic before shift-in-charge Shift 00:40 Aminate for parasitic before Aminate Channel Single HV for 850</p>																																																																																																																		
<table border="1"> <thead> <tr> <th colspan="2">S1 DEGRADER</th> <th colspan="2">S0 SLITS</th> <th colspan="2">MAGNETS</th> </tr> </thead> <tbody> <tr> <td>TS3ED2...</td> <td><input checked="" type="checkbox"/> beam stop out</td> <td>TS2DS3HL (left):</td> <td></td> <td>Field values from Hall probes:</td> <td>PreSPEC-Trigred.</td> </tr> <tr> <td>Thickness:</td> <td>2g</td> <td>TS2DS3HR (right):</td> <td></td> <td><input checked="" type="checkbox"/> Pulser(1) /..... <input checked="" type="checkbox"/> LYCCA cal(2)/..... <input checked="" type="checkbox"/> AgataCal(3)/..... <input checked="" type="checkbox"/> HEC Cal(4)/.....</td> </tr> <tr> <td>Wedge used:</td> <td>#1</td> <td>TS2DS3VO (top):</td> <td>0,9055</td> <td><input type="checkbox"/> FRS from TB(5)/..... <input type="checkbox"/> p+HEC(6)/..... <input type="checkbox"/> p+Agata(7)/..... <input type="checkbox"/> p+HEC+Lyc(8)/..... <input type="checkbox"/> p+Agata+Lyc(9)/..... <input type="checkbox"/> Part-SC41(10)/..... <input type="checkbox"/> Spill-on(12)/..... <input type="checkbox"/> Spill-off(13)/.....</td> </tr> <tr> <td>O2 (Wedge Oben):</td> <td>-34,25 mm</td> <td>TS2DS3VU (bottom):</td> <td>0,84224</td> <td></td> </tr> <tr> <td>V1 (Wedge Unten):</td> <td>-25,27 mm</td> <td>S1 SLITS</td> <td>0,64534</td> <td></td> </tr> <tr> <td>SPILL</td> <td></td> <td>HFSMU1:</td> <td>0,67445</td> <td><input type="checkbox"/> SCI21 <input checked="" type="checkbox"/> SCI41 <input type="checkbox"/> Other:</td> </tr> <tr> <td>spill length:</td> <td>105</td> <td>TS3DS2HL (left):</td> <td>-10</td> <td><input type="checkbox"/> FRS-TRIGGER</td> </tr> <tr> <td>Thickness:</td> <td>5g</td> <td>TS3DS2HR (right):</td> <td>+10</td> <td><input type="checkbox"/> FRS-RATES (counts/spill)</td> </tr> <tr> <td>L (Ladder):</td> <td>-107,1 (out)</td> <td>S2 SLITS</td> <td>10 kHz: 334</td> <td><input type="checkbox"/> PreSPEC-Rates (Validated/Rejected)</td> </tr> <tr> <td>D (Disk):</td> <td>26,2</td> <td>beam plug out</td> <td>10 kHz velo dT: 104</td> </tr> <tr> <td>PRIMARY BEAM</td> <td></td> <td>TS4DS1HL (left): +30</td> <td>SC21L: 278,4</td> <td>AGATA:</td> </tr> <tr> <td>Element:</td> <td><i>Joker</i></td> <td>TS4DS1HR (right): +30</td> <td>SC21R: 778,4</td> <td>FRS:</td> </tr> <tr> <td>SIS energy [MeV/u]</td> <td>700</td> <td>TS4DS1VO (left): -20</td> <td>Ta-Tof-LYCCA:</td> </tr> <tr> <td>Intensity-SEEFRAM</td> <td>221</td> <td>TS4DS1VU (right): +20</td> <td>HECTOR:</td> </tr> <tr> <td>PROD. TARGET</td> <td>TS1ET5HS: TS1ET5VS: number: 35</td> <td>S3 SLITS</td> <td>SC41L: 405,4</td> <td><input type="checkbox"/> LYCCA / PIs. check</td> </tr> <tr> <td></td> <td></td> <td>TS4DS3HL (left): -20</td> <td>SC41R: 405,4</td> <td><input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog</td> </tr> <tr> <td></td> <td></td> <td>TS4DS3HR (right): +20</td> <td>TA1</td> <td>LN2</td> </tr> <tr> <td></td> <td></td> <td>S4 SLITS</td> <td>Element: <i>Ar</i></td> <td>LN2 Last Filling: 19:45</td> </tr> <tr> <td></td> <td></td> <td>HFSDS3H (left): ~35</td> <td>Thickness: 2g/cm² + 1g/cm²</td> <td>Tank1 Vol. (%): 32</td> </tr> <tr> <td></td> <td></td> <td>Pb Brick (top):</td> <td>Position: <i>Central Forward</i></td> <td>Tank2 Vol. (%): 35</td> </tr> <tr> <td></td> <td></td> <td>Pb Brick (bottom):</td> <td></td> <td></td> </tr> </tbody> </table>						S1 DEGRADER		S0 SLITS		MAGNETS		TS3ED2...	<input checked="" type="checkbox"/> beam stop out	TS2DS3HL (left):		Field values from Hall probes:	PreSPEC-Trigred.	Thickness:	2g	TS2DS3HR (right):		<input checked="" type="checkbox"/> Pulser(1) /..... <input checked="" type="checkbox"/> LYCCA cal(2)/..... <input checked="" type="checkbox"/> AgataCal(3)/..... <input checked="" type="checkbox"/> HEC Cal(4)/.....	Wedge used:	#1	TS2DS3VO (top):	0,9055	<input type="checkbox"/> FRS from TB(5)/..... <input type="checkbox"/> p+HEC(6)/..... <input type="checkbox"/> p+Agata(7)/..... <input type="checkbox"/> p+HEC+Lyc(8)/..... <input type="checkbox"/> p+Agata+Lyc(9)/..... <input type="checkbox"/> Part-SC41(10)/..... <input type="checkbox"/> Spill-on(12)/..... <input type="checkbox"/> Spill-off(13)/.....	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		Pb Brick (bottom):																																																																																																																

Check list

Name:

Time: 23:54

Agata

- Run number: 32
- Agava requested: 2 246
- Agava validated: 1 981 ✓
- Screenshot trigger rate + spectrum of time coincidence :
- Check in Go4 that all Agata-TDC spectra are there: ✓
- Check that the last .cdat files has been written less then 10 minutes ago for all the crystals: ✓
- Copy and paste in a text file the GTS rate:
- Check Spectra of all crystals:
- Check at the sum spectra "Global level":
 - number of counts in 511 keV:
 - number of counts in 1460 keV K:
- Crystals with problems: ~~00B stopped~~

General

- lmd file nr: 392
- Beam intensity: $8,6 \cdot 10^5$ (GTS 2 DT AP)
- Scaler sc at S4: $401 \cdot 10^3$
- Scaler sc at S2: $742 \cdot 10^3$ } looked at scalers, in go4 is still the same value for both (100.0)
- Check in Go4 all the spectra of the list* :
- Check in Go4 the hit pattern of the Wall ✓
- Check in Go4 the triggers: 4, 3, 8, Q, 10

Comments:

Check list

Name:

Time: 2:09

Agata

- * Run number: 32
- * Agava requested: 4886
- * Agava validated: 4582
- * Screenshot trigger rate + spectrum of time coincidence : ✓
- * Check in Go4 that all Agata-TDC spectra are there: ✓
- * Check that the last .cdat files has been written less then 10 minutes ago for all the crystals: ✓
- * Copy and paste in a text file the GTS rate: ✓
- * Check Spectra of all crystals.
- * Check at the sum spectra "Global level":
 - number of counts in 511 keV:
 - number of counts in 1460 keV K:
- * Crystals with problems: 006 ~~sloped~~

General

- * lmd file nr: 4/3
- * Beam intensity: 9.3.10⁵ (GTS2 DTD P)
- * Scaler sc at S4: 450.10³
- * Scaler sc at S2: 910.10³ } *at scalers*
- * Check in Go4 all the spectra of the list* :
- * Check in Go4 the hit pattern of the Wall ✓
- * Check in Go4 the triggers: 4, 5, 8, 9, 10

Comments:

Check list

Name:

Time: 22:18

Agata

- Run number: 32
- Agava requested: 2010
- Agava validated: 4304
- Screenshot trigger rate + spectrum of time coincidence : ✓
- Check in Go4 that all Agata-TDC spectra are there: ✓
- Check that the last .cdat files has been written less then 10 minutes ago for all the crystals: ✓
- Copy and paste in a text file the GTS rate: ✓
- Check Spectra of all crystals: ✓
- Check at the sum spectra "Global level":
 - number of counts in 511 keV:
 - number of counts in 1460 keV K:
- Crystals with problems: 006 stopped

General

- lmd file nr: 434
- Beam intensity: $8 \cdot 10^5$ ($\text{GTS2D1}(\tau)$)
- Scaler sc at S4: $360 \cdot 10^3$
- Scaler sc at S2: $440 \cdot 10^3$ } as scales
- Check in Go4 all the spectra of the list* :
- Check in Go4 the hit pattern of the Wall ✓
- Check in Go4 the triggers: 1/3, 8, 9, 10

Comments: The GUI says:

* Global Status & control → stopped, since the beginning of the run 32
We checked the spectra and data and it was ok, so we felt like that