

Check list

Name: Tom Alexander

Time: 8:10

Agata

- Run number: 61
- Agava requested: 396
- Agava validated: 382
- 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:

General

- lmd file nr: 1074
- Beam intensity: 8.2×10^8
- Scaler sc at S4: 3.2K
- Scaler sc at S2: 66K
- 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 <i>10/rising2/mbs_AG-14/delay</i>	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) Calibration run Production run

COMMENTS: *Intervention of Magda from the HRR (increase of intensity) shift-in-charge*

FRS/BEAMLINE elements <input type="checkbox"/> SEETRAM <input type="checkbox"/> SCI-01 <input 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 type="checkbox"/> LYCCA-Start <input type="checkbox"/> LYCCA-TaStart <input type="checkbox"/> TA1 <input type="checkbox"/> TaDSSD	S1 DEGRADER TS3ED2... Thickness: Wedge used: O2 (Wedge Oben): V1 (Wedge Unten):	S0 SLITS <input type="checkbox"/> beam stop out TS2DS3HL (left): TS2DS3HR (right): TS2DS3VO (top): TS2DS3VU (bottom):	MAGNETS Field values from Hall probes: TS3MU1: TS3MU2: TS4MU1: HF5MU1:	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"/> Part-SC41(10)/..... <input type="checkbox"/> Spill-on(12)/..... <input type="checkbox"/> Spill-off(13)/.....
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SPILL spill length: period:	S1 SLITS <input type="checkbox"/> beam plug out TS3DS2HL (left): TS3DS2HR (right):	FRS-RATES (counts/spill) 10 kHzrtz : 10 kHzrtz veto dT :	FRS-TRIGGER <input type="checkbox"/> SCI21 <input type="checkbox"/> SCI41 <input type="checkbox"/> Other:
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FRS setting No. <i>542631</i>	S2 SLITS <input type="checkbox"/> beam plug out TS4DS1HL (left): TS4DS1HR (right): TS4DS1VO (left): TS4DS1VU (right):	SC21L: SC21R: SC41L: SC41R:	PreSPEC-Rates (Validated/Rejected) AGATA : FRS : Ta-ToF-LYCCA : HECTOR :
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PRIMARY BEAM Element: SIS energy [MeV/u]	S3 SLITS TS4DS3HL (left): TS4DS3HR (right):	SC21L: SC21R: SC41L: SC41R:	LYCCA / Pls. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog
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PROD. TARGET TS1ET5HS, TS1ET5VS: number: element:	S4 SLITS HFSDS3H (left): HFSDS3H (right): Pb Brick (top): Pb Brick (bottom):	LN2 LN2 Last Filling : Tank1 Vol. (%) : Tank2 Vol. (%) :	LN2 Run-sheet filled Run-sheet uploaded on elog
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thickness: thickness:	Thickness: Position:	Element: Thickness : Position:	Element: Thickness : Position:
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filled in between

Exp No. _____ Primary Beam: _____ Date 28/03/2014

MBS/file location
 File (first) -1077.lmd Start 22:46
 File (last) _____ Stop _____

Narval/file location
 File (first) _____ Start _____
 File (last) AR-62 Stop _____

Merged(Narval+MBS)/file location
 File (first) _____ Start _____
 File (last) _____ Stop _____

PURPOSE OF MEASUREMENT: (Centered Isotope) Calibration run Production run

COMMENTS: shift-in-charge Dgba

FRS/BEAMLINE

elements
 SEETRAM
 SCI-01
 FRS-TA0
 S1-degrader
 S2-degrader
 SCI-21
 S4-degrader
 LYCCA-Start
 LYCCA-TaStart
 TA1
 TaDSSD

SPILL
 spill length: 15
 period: 25

FRS setting No.
5426-31

MAGNETS
 Field values from Hall probes:
 TS3MU1: 89875
 TS3MU2: 84566
 TS4MU1: 71014
 HF5MU1: 70955

FRS-RATES
 (counts/spill)
 10 kHzrtz: 11669
 10 kHzrtz veto dT: 11072
 SC21L: 65.5k
 SC21R: 63k
 SC41L: 3.5k
 SC41R: 3k

S0 SLITS
 beam stop out
 TS2DS3HL (left): _____
 TS2DS3HR (right): _____
 TS2DS3VO (top): _____
 TS2DS3VU (bottom): _____

S1 SLITS
 beam plug out
 TS3DS2HL (left): 9 mm
 TS3DS2HR (right): 7 mm

S2 SLITS
 beam plug out
 TS4DS1HL (left): 20
 TS4DS1HR (right): 20
 TS4DS1VO (left): _____
 TS4DS1VU (right): _____

S3 SLITS open
 TS4DS3HL (left): _____
 TS4DS3HR (right): _____

S4 SLITS
 HFSDS3H (left): 35
 HFSDS3H (right): 35
 Pb Brick (top): _____
 Pb Brick (bottom): _____

S1 DEGRADER
 TS3ED2...
 Thickness: 2.5 g/cm²
 Wedge used: _____
 O2 (Wedge Oben): _____
 V1 (Wedge Unten): _____

S2 DEGRADER
 TS3ED7...
 Thickness: 2.5 g/cm²
 L (Ladder): _____
 D (Disk): _____
 VO (Wedge Oben): _____
 VU (Wedge Unten): _____

S4 DEGRADER
 HFSED3...
 Thickness: _____
 O (Wedge Oben): _____
 U (Wedge Unten): _____

PROD. TARGET
 TS1ET5HS,
 TS1ET5VS:
 number: 35
 element: Be
 thickness: 2.5 g/cm²

PreSPEC-Trig/red.
 Pulser(1) /
 LYCCA ca(2) /
 AgataCa(3) /
 HEC Ca(4) /
 FRS from TB(5) /
 p+HEC(6) /
 p+Agata(7) /
 p+HEC+Lyc(8) /
 p+Agata+Lyc(9) /
 Part-SC41(10) /
 Spill-on(12) /
 Spill-off(13) /
FRS-TRIGGER
 SCI21
 SCI41
 Other:

PreSPEC-Rates
 (Validated/Rejected)
 AGATA: 72674
 FRS: 700/6000
 Ta-ToF-LYCCA: 2655
 HECTOR: 492

LYCCA / Pls. check
 Run-sheet filled
 Run-sheet uploaded on elog
 LN2
 LN2 Last Filling: _____
 Tank1 Vol. (%): _____
 Tank2 Vol. (%): _____

TA1
 Element: Au
 Thickness: 2 gr/cm²
 Position: centered

Element: _____
Thickness: _____
Position: _____

Element: _____
Thickness: _____
Position: _____

Element: 56Kc
SIS energy [MeV/u]
700
Intensity-SEETRAM
9.108

Check list

Name: *Fred*

Time: *0:00*

Agata

- Run number: *62*
- Agava requested: *394*
- Agava validated: *286*
- 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:

General

- lmd file nr: *1078*
- Beam intensity: *8.10⁸*
- 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:

Comments:

Exp No. _____ Date 29.03.2014 1:13

Primary Beam: _____

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) ⁶⁶Fe

Calibration run Production run

COMMENTS: shift-in-charge Fred

FRS/BEAMLINE elements <input checked="" type="checkbox"/> SEETRAM <input type="checkbox"/> SCI-01 <input checked="" type="checkbox"/> FRS-TA0 <input checked="" type="checkbox"/> S1-degrader <input checked="" type="checkbox"/> S2-degrader <input checked="" type="checkbox"/> SCI-21 <input checked="" 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	S1 DEGRADER TS3ED2... Thickness: <u>2 g/cm²</u> Wedge used: O2 (Wedge Oben): V1 (Wedge Unten):	S0 SLITS <input type="checkbox"/> beam stop out TS2DS3HL (left): TS2DS3HR (right): TS2DS3VO (top): TS2DS3VU (bottom):	MAGNETS Field values from Hall probes: TS3MU1: <u>89875</u> TS3MU2: <u>84564</u> TS4MU1: <u>71024</u> HF5MU1: <u>70955</u> FRS-RATES (counts/spill) 10 kHzrhz : <u>24877</u> 10 kHzrhz veto dT : <u>24459</u> SC21L: <u>71541</u> SC21R: <u>70007</u> SC41L: <u>3400</u> SC41R: <u>3350</u>	PreSPEC-Trig/red. <input type="checkbox"/> Puiser(1) /..... <input type="checkbox"/> LYCCA cal(2)/..... <input checked="" type="checkbox"/> AgataCal(3)/... <u>2</u> .. <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 checked="" type="checkbox"/> p+HEC+Lyc(8)/... <input checked="" type="checkbox"/> p+Agata+Lyc(9)/... <input checked="" type="checkbox"/> Part-SC41(10)/... <u>8</u> .. <input type="checkbox"/> Spill-on(12)/..... <input type="checkbox"/> Spill-off(13)/.....
SPILL spill length: <u>1 s</u> period: <u>2 s</u>	S2 DEGRADER TS3ED7... Thickness: <u>5 g/cm²</u> L (Ladder): D (Disk): VO (Wedge Oben): VU (Wedge Unten):	S1 SLITS <input type="checkbox"/> beam plug out TS3DS2HL (left): <u>-9 mm</u> TS3DS2HR (right): <u>+7 mm</u>	FRS-TRIGGER <input type="checkbox"/> SCI21 <input checked="" type="checkbox"/> SCI41 <input type="checkbox"/> Other: PreSPEC-Rates (Validated/Rejected) AGATA : <u>470/32</u> FRS : <u>470/388</u> Ta-ToF-LYCCA : <u>2631</u> HECTOR : <u>171</u>	LYCCA / Pls. check <input checked="" type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog LN2 LN2 Last Filling : Tank1 Vol. (%) : Tank2 Vol. (%) :
PRIMARY BEAM Element: <u>⁶⁶Fe</u> SIS energy [MeV/u] <u>7.00</u> Intensity-SEETRAM <u>9.10⁸</u>	S4 DEGRADER HFSED3... Thickness: O (Wedge Oben): U (Wedge Unten):	S3 SLITS TS4DS3HL (left): <u>open</u> TS4DS3HR (right): S4 SLITS HFSDS3H (left): <u>-35.9</u> HFSDS3H (right): <u>+35.5</u> Pb Brick (top): Pb Brick (bottom):	TA1 Element: <u>Au</u> Thickness: <u>2mm / gr²</u> Position: <u>center</u>	LYCCA / Pls. check <input checked="" 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: <u>95</u> element: <u>Be</u> thickness: <u>2.5 g/cm²</u>				

Check list

Name: Fred

Time: 7:35

Agata

- Run number: 62
- Agava requested: 440
- Agava validated: 340
- 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: 1B was counting too high for an whole

General

- lmd file nr: 1080
- Beam intensity: $5.3 \cdot 10^8$
- Scaler sc at S4: 3500
- Scaler sc at S2: 75000
- 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 29.03.2014 02:50

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) Calibration run Production run

COMMENTS: shift-in-charge
03.10 there was no trigger we tried to start the mbs, didn't work. 03:28 we stopped the beam.

FRS/BEAMLINE elements <input checked="" type="checkbox"/> SEETRAM <input type="checkbox"/> SCI-01 <input checked="" type="checkbox"/> FRS-TA0 <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 type="checkbox"/> LYCCA-TaStart <input checked="" type="checkbox"/> TA1 <input checked="" type="checkbox"/> TaDSSD	S1 DEGRADER TS3ED2... Thickness: <u>29mm</u> Wedge used: O2 (Wedge Oben): V1 (Wedge Unten):	S0 SLITS <input type="checkbox"/> beam stop out TS2DS3HL (left): TS2DS3HR (right): TS2DS3VO (top): TS2DS3VU (bottom):	MAGNETS Field values from Hall probes: TS3MU1: <u>89875</u> TS3MU2: <u>84564</u> TS4MU1: <u>71024</u> HF5MU1: <u>70755</u>	PreSPEC-Trig/red. <input type="checkbox"/> Pulser(1) /..... <input type="checkbox"/> LYCCA cal(2)/K... <input checked="" type="checkbox"/> AgataCal(3)/...8 <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 checked="" type="checkbox"/> p+HEC+Lyc(8)/p... <input checked="" type="checkbox"/> p+Agata+Lyc(9)/S... <input checked="" type="checkbox"/> Part-SC41(10)/...S... <input type="checkbox"/> Spill-on(12)/..... <input type="checkbox"/> Spill-off(13)/.....
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SPILL spill length: <u>1s</u> period: <u>3s</u>	S2 DEGRADER TS3ED7... Thickness: <u>59mm</u> L (Ladder): D (Disk): VO (Wedge Oben): VU (Wedge Unten):	S2 SLITS <input type="checkbox"/> beam plug out TS4DS1HL (left): <u>-20</u> TS4DS1HR (right): <u>+20</u> TS4DS1VO (left): TS4DS1VU (right):	FRS-RATES (counts/spill) 10 kHzrtz : <u>11.4</u> 10 kHzrtz veto dT : <u>11.1</u> SC21L: <u>76.7k</u> SC21R: <u>76.2k</u> SC41L: <u>3.6k</u> SC41R: <u>3.7k</u>	FRS-TRIGGER <input type="checkbox"/> SCI21 <input checked="" type="checkbox"/> SCI41 <input type="checkbox"/> Other: PreSPEC-Rates (Validated/Rejected) AGATA : <u>84/990</u> FRS : <u>900/15000</u> Ta-ToF-LYCCA : <u>2880</u> HECTOR : <u>643</u>
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S3 SLITS TS4DS3HL (left): <u>open</u> TS4DS3HR (right): S4 SLITS HFSDS3H (left): <u>-35</u> HFSDS3H (right): <u>+35</u> Pb Brick (top): Pb Brick (bottom):	S4 DEGRADER HFSED3... Thickness: O (Wedge Oben): U (Wedge Unten):	TA1 Element : <u>Au</u> Thickness : <u>2 mm per 2</u> Position: <u>center</u>	LYCCA / Pls. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog LN2 LN2 Last Filling : Tank1 Vol. (%) : Tank2 Vol. (%) :
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PRIMARY BEAM
Element: 50Kt
SIS energy [MeV/u] 700
Intensity-SEETRAM 9x10⁸

PROD. TARGET
TS1ET5HS,
TS1ET5VS:
number: 39
element: Be
thickness: 25 g/cm²

Frederic went S2 to start the reboot the crater of finger

Exp No. _____ Primary Beam: Date 20.05.2019 03:57

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) Calibration run Production run

COMMENTS: shift-in-charge
Topya

FRS/BEAMLINE elements <input checked="" type="checkbox"/> SEETRAM <input type="checkbox"/> SCI-01 <input checked="" type="checkbox"/> FRS-TA0 <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 type="checkbox"/> LYCCA-TaStart <input checked="" type="checkbox"/> TA1 <input checked="" type="checkbox"/> TaDSSD	S1 DEGRADER TS3ED2... Thickness: <u>2910</u> Wedge used: O2 (Wedge Oben): V1 (Wedge Unten):	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):	MAGNETS Field values from Hall probes: TS3MU1: <u>1.89875</u> TS3MU2: <u>1.84964</u> TS4MU1: <u>71024</u> HF5MU1: <u>70955</u> FRS-RATES (counts/spill)	PreSPEC-Trig/red. <input type="checkbox"/> Pulsar(1) /..... <input type="checkbox"/> LYCCA cal(2)/..... <input checked="" 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 checked="" type="checkbox"/> p+HEC+Lyc(8)/..... <input checked="" type="checkbox"/> p+Agata+Lyc(9)/..... <input checked="" 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:
SPILL spill length: <u>15</u> period: <u>3 sec</u>	S2 DEGRADER TS3ED7... Thickness: <u>5810</u> L (Ladder): D (Disk): VO (Wedge Oben): VU (Wedge Unten):	S2 SLITS <input type="checkbox"/> beam plug out TS4DS1HL (left): TS4DS1HR (right): TS4DS1VO (left): TS4DS1VU (right):	PreSPEC-Rates (Validated/Rejected) AGATA: <u>24/530</u> FRS: Ta-ToF-LYCCA: <u>2693</u> HECTOR: <u>710</u>	PROD. TARGET TS1ET5HS, TS1ET5VS: number: <u>26</u> element: <u>Ag</u> thickness: <u>2910</u>
PRIMARY BEAM Element: <u>46</u> <u>16</u> SIS energy [MeV/u]: <u>700</u> Intensity-SEETRAM	S3 SLITS TS4DS3HL (left): TS4DS3HR (right): S4 SLITS HFSDS3H (left): <u>-35</u> HFSDS3H (right): <u>+35</u> Pb Brick (top): Pb Brick (bottom):	TA1 Element: <u>Au</u> Thickness: <u>2mm/Ag</u> Position: <u>center</u>	LYCCA / Pls. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog LN2 LN2 Last Filling : Tank1 Vol. (%) : Tank2 Vol. (%) :	

Check list

Name: Fred

Time: 04:00

Agata

- Run number: 63
- Agava requested: 664
- Agava validated: 540
- 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:

General

- lmd file nr: 1081.1md
- Beam intensity: 9.10⁸
- Scaler sc at S4: 3500
- Scaler sc at S2: 75000
- 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. _____ Date _____

Primary Beam: _____

MBS/file location
 File (first) File (last) 1082 1md Start Stop 06.52
 Naval/file location
 File (first) File (last) AR-63 Start Stop
 Merged(Narval+MBS)/file location
 File (first) File (last) Start Stop

PURPOSE OF MEASUREMENT: (Centered Isotope) Calibration run Production run

COMMENTS: shift-in-charge

FRS/BEAMLINE elements <input checked="" type="checkbox"/> SEETRAM <input type="checkbox"/> SCI-01 <input checked="" type="checkbox"/> FRS-TA0 <input type="checkbox"/> S1-degrader <input checked="" type="checkbox"/> S2-degrader <input checked="" type="checkbox"/> SCI-21 <input checked="" 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	S1 DEGRADER TS3ED2... Thickness: 29/cm ² Wedge used: O2 (Wedge Oben): V1 (Wedge Unten):	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 HFSDS3H (left): HFSDS3H (right): Pb Brick (top): Pb Brick (bottom):	S1 DEGRADER Thickness: 29/cm ² L (Ladder): D (Disk): VO (Wedge Oben): VU (Wedge Unten): S4 DEGRADER HFSED3... Thickness: O (Wedge Oben): U (Wedge Unten):	FRS-TRIGGER <input type="checkbox"/> SCI21 <input checked="" type="checkbox"/> SCI41 <input type="checkbox"/> Other: PreSPEC-Rates (Validated/Rejected) AGATA: 390/486 FRS: 500/5000 Ta-ToF-LYCCA: 2544 HECTOR: 243 LYCCA / Pls. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog LN2 LN2 Last Filling: Tank1 Vol. (%): Tank2 Vol. (%):	MAGNETS Field values from Hall probes: TS3MU1: 89865 TS3MU2: 84574 TS4MU1: 71014 HFSMU1: 70995 FRS-RATES (counts/spill) 10 kHz: 22995 10 kHz veto dT: 22766 SC21L: 62247 SC21R: 67670 SC41L: 3279 SC41R: 3278 TA1 Element: Au Thickness: 2 mm/g ² Position: center	PreSPEC-Trig/red. <input type="checkbox"/> Puise(1)/..... <input type="checkbox"/> LYCCA cal(2)/..... <input checked="" 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 checked="" type="checkbox"/> p+HEC+Lyc(8)/..... <input checked="" type="checkbox"/> p+Agata+Lyc(9)/..... <input checked="" type="checkbox"/> Part-SC41(10)/..... <input type="checkbox"/> Spill-on(12)/..... <input type="checkbox"/> Spill-off(13)/.....
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PROD. TARGET
 TS1ET5HS,
 TS1ET5VS:
 number: 39
 element: Be
 thickness: 25 g/cm²

Check list

Name: Fred

Time: 5:48

Agata

- Run number: 63
- Agava requested: 486
- Agava validated: 390
- 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:

General

- lmd file nr: 1082
- Beam intensity: 8.108
- Scaler sc at S4: 68000
- Scaler sc at S2: 3100
- 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: 80kV Date 29/03/14 10:10

MBS/file location	File (first) File (last)	<u>10PT</u>	Start Stop	<u>10:10</u> <u>10:15</u>
Narval/file location	File (first) File (last)	<u>67</u>	Start Stop	
Merged(Narval+MBS)/file location	File (first) File (last)		Start Stop	

PURPOSE OF MEASUREMENT: (Centered isotope) Calibration run Production run

COMMENTS: FRS dead chip shift-in-charge Salk

FRS/BEAMLINE elements	<input checked="" type="checkbox"/> SEETRAM <input type="checkbox"/> SCI-01 <input checked="" type="checkbox"/> FRS-TA0 <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 type="checkbox"/> LYCCA-TaStart <input checked="" type="checkbox"/> TA1 <input checked="" type="checkbox"/> TaDSSD	S0 SLITS <input type="checkbox"/> beam stop out TS2DS3HL (left): TS2DS3HR (right): TS2DS3VO (top): TS2DS3VU (bottom):	MAGNETS Field values from Hall probes: TS3MU1: TS3MU2: TS4MU1: HF5MU1:	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) /.....
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S1 DEGRADER TS3ED2... Thickness: Wedge used: O2 (Wedge Oben): V1 (Wedge Unten):	S1 SLITS <input type="checkbox"/> beam plug out TS3DS2HL (left): TS3DS2HR (right):	FRS-RATES (counts/spill) 10 kHzrtz : 10 kHzrtz veto dT :	FRS-TRIGGER <input type="checkbox"/> SCI21 <input checked="" type="checkbox"/> SCI41 <input type="checkbox"/> Other:
S2 DEGRADER TS3ED7... Thickness: L (Ladder): D (Disk): VO (Wedge Oben): VU (Wedge Unten):	S2 SLITS <input type="checkbox"/> beam plug out TS4DS1HL (left): TS4DS1HR (right): TS4DS1VO (left): TS4DS1VU (right):	PreSPEC-Rates (Validated/Rejected) AGATA : FRS : Ta-ToF-LYCCA :	HECTOR : LYCCA / Pls. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog LN2 LN2 Last Filling : Tank1 Vol. (%) : Tank2 Vol. (%) :

S3 DEGRADER HFSED3... out Thickness: O (Wedge Oben): U (Wedge Unten):	S3 SLITS TS4DS3HL (left): TS4DS3HR (right):	SC21L: SC21R: SC41L: SC41R:	Element: Thickness: Position:
S4 DEGRADER Thickness: O (Wedge Oben): U (Wedge Unten):	S4 SLITS HFSDS3H (left): HFSDS3H (right): Pb Brick (top): Pb Brick (bottom):	TA1	

PRIMARY BEAM Element: SIS energy [MeV/u] Intensity-SEETRAM	PROD. TARGET TS1ET5HS, TS1ET5VS: number: element: thickness:
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Set 2: 3mm
gas: 247mm

Exp No. _____ Primary Beam: _____ Date _____

MES/file location File (first) ARG7_1091 Start 12:54
 File (last) _____ Stop _____

Narval/file location File (first) _____ Start _____
 File (last) _____ Stop _____

Merged(Narval+MBS)/file location File (first) _____ Start _____
 File (last) _____ Stop _____

PURPOSE OF MEASUREMENT: (Centered Isotope) Calibration run Production run

got the beam back after the control was changed shift-in-charge

COMMENTS:

FRS/BEAMLINE elements <input checked="" type="checkbox"/> SEETRAM <input type="checkbox"/> SCI-01 <input checked="" type="checkbox"/> FRS-TA0 <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 type="checkbox"/> LYCCA-TaStart <input checked="" type="checkbox"/> TA1 <input checked="" type="checkbox"/> TaDSSD	S1 DEGRADER TS3ED2... Thickness: 2g Wedge used: O2 (Wedge Oben): V1 (Wedge Unten):	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):	MAGNETS Field values from Hall probes: TS3MU1: 0.90875 TS3MU2: 0.84284 TS4MU1: 0.64534 HFMSU1: 0.64485 FRS-RATES (counts/spill) 10 kHzrtz : 10000 10 kHzrtz veto dT : 6700 SC21L: 900 k SC21R: 900 k SC41L: 470 k SC41R: 470 k TA1 Element: Au Thickness: 2g/cm ² Position: center	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 : HECTOR : LYCCA / Pls. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog LN2 LN2 Last Filling : Tank1 Vol. (%) : Tank2 Vol. (%) :
SPILL spill length: 10 sec period: 12 sec FRS setting No. 5426.32 PRIMARY BEAM Element: 86Kr SIS energy [MeV/u]: 700 Intensity-SEETRAM 1.2 · 10 ⁸ PROD. TARGET TS1ET5HS, TS1ET5VS: number: 35 element: Be thickness: 2.5g	S2 DEGRADER TS3ED7... Thickness: 5g L (Ladder): D (Disk): VO (Wedge Oben): VU (Wedge Unten): S4 DEGRADER HFSED3... Thickness: O (Wedge Oben): U (Wedge Unten):	S3 SLITS TS4DS3HL (left): TS4DS3HR (right): S4 SLITS HFSDS3H (left): HFSDS3H (right): Pb Brick (top): Pb Brick (bottom):	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 : HECTOR : LYCCA / Pls. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog LN2 LN2 Last Filling : Tank1 Vol. (%) : Tank2 Vol. (%) :	

Check list

Name:

Time:

Agata

- Run number:
- Agava requested:
- 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:

General

- lmd file nr:
- Beam intensity:
- 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:

Comments:

Check list

Name:

Time:

Agata

- Run number:
- Agava requested:
- 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:

General

- lmd file nr:
- Beam intensity:
- 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:

Comments:

Exp No. _____ Primary Beam: _____ Date _____

MBS/file location
 File (first) 1095
 File (last) 1096
 Start Stop 13:42
 13:25

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)
 Calibration run Production run

COMMENTS:
 going up w/ k rate to 1.5 M events/spill at 52 shift-in-charge

FRS/BEAMLINE elements

SEETRAM
 SCI-01
 FRS-TA0
 S1-degrader
 S2-degrader
 SCI-21
 S4-degrader
 LYCCA-Start
 LYCCA-TaStart
 TA1
 TaDSSD

S1 DEGRADER
 TS3ED2...
 Thickness:
 Wedge used:
 O2 (Wedge Oben):
 V1 (Wedge Unten):

S2 DEGRADER
 TS3ED7...
 Thickness:
 L (Ladder):
 D (Disk):
 VO (Wedge Oben):
 VU (Wedge Unten):

SPILL
 spill length:
 period:

FRS setting No.

PRIMARY BEAM
 Element:
 SIS energy [MeV/u]
 Intensity-SEETRAM

S0 SLITS
 beam stop out
 TS2DS3HL (left):
 TS2DS3HR (right):
 TS2DS3VO (top):
 TS2DS3VU (bottom):

S1 SLITS
 beam plug out
 TS3DS2HL (left):
 TS3DS2HR (right):

S2 SLITS
 beam plug out
 TS4DS1HL (left):
 TS4DS1HR (right):
 TS4DS1VO (left):
 TS4DS1VU (right):

S3 SLITS
 TS4DS3HL (left):
 TS4DS3HR (right):

S4 SLITS
 HFSDS3H (left):
 HFSDS3H (right):
 Pb Brick (top):
 Pb Brick (bottom):

S1 DEGRADER
 Thickness:
 L (Ladder):
 D (Disk):
 VO (Wedge Oben):
 VU (Wedge Unten):

S2 DEGRADER
 Thickness:
 O (Wedge Oben):
 U (Wedge Unten):

S4 DEGRADER
 HFSED3...
 Thickness:
 O (Wedge Oben):
 U (Wedge Unten):

PROD. TARGET
 TS1ET5HS,
 TS1ET5VS:
 number:
 element:
 thickness:

S0 SLITS
 beam stop out
 TS2DS3HL (left):
 TS2DS3HR (right):
 TS2DS3VO (top):
 TS2DS3VU (bottom):

S1 SLITS
 beam plug out
 TS3DS2HL (left):
 TS3DS2HR (right):

S2 SLITS
 beam plug out
 TS4DS1HL (left):
 TS4DS1HR (right):
 TS4DS1VO (left):
 TS4DS1VU (right):

S3 SLITS
 TS4DS3HL (left):
 TS4DS3HR (right):

S4 SLITS
 HFSDS3H (left):
 HFSDS3H (right):
 Pb Brick (top):
 Pb Brick (bottom):

MAGNETS
 Field values from Hall probes:
 TS3MU1: 0.90865
 TS3MU2: 0.84284
 TS4MU1: 0.64534
 HF5MU1: 0.64485

FRS-RATES
 (counts/spill)
 10 kHzertz :
 10 kHzertz veto dT :
 SC21L: 1.53 M
 SC21R: 1.53 M
 SC41L: 600 k
 SC41R: 600 k

TA1
 Element:
 Thickness :
 Position:

FRS-TRIGGER
 SCI21
 SCI41
 Other:

PreSPEC-Rates
 (Validated/Rejected)
 AGATA :
 FRS :
 Ta-ToF-LYCCA :
 HECTOR :

LYCCA / Pils. check
 Run-sheet filled
 Run-sheet uploaded on elog
LN2
 LN2 Last Filling :
 Tank1 Vol. (%) :
 Tank2 Vol. (%) :

PreSPEC-Trig/red.
 Pulser(1) /.....
 LYCCA ca(2)/.....
 AgataCa(3)/.....
 HEC Ca(4)/.....
 FRS from TB(5)/...
 p+HEC(6)/.....
 p+Agata(7)/.....
 p+HEC+Lyc(8)/.....
 p+Agata+Lyc(9)/...
 Part-SC41(10)/...
 Spill-on(12)/.....
 Spill-off(13)/.....

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)

Calibration run Production run

COMMENTS:
Rate ≈ 1-10⁶ shift-in-charge

FRS/BEAMLINE 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	S1 DEGRADER TS3ED2... Thickness: Wedge used: O2 (Wedge Oben): V1 (Wedge Unten):	S0 SLITS <input type="checkbox"/> beam stop out TS2DS3HL (left): TS2DS3HR (right): TS2DS3VO (top): TS2DS3VU (bottom):	MAGNETS Field values from Hall probes: TS3MU1: TS3MU2: TS4MU1: HFMSU1:	PreSPEC-Trig/red. <input type="checkbox"/> Pulser(1) /..... <input type="checkbox"/> LYCCA cal(2) /..... <input checked="" type="checkbox"/> AgataCal(3) /...4... <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 checked="" type="checkbox"/> p+Agata+Lyc(9) /...0... <input checked="" type="checkbox"/> Part-SC41(10) /...?... <input type="checkbox"/> Spill-on(12) /..... <input type="checkbox"/> Spill-off(13) /.....
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SPILL spill length: period:	S2 DEGRADER TS3ED7... Thickness: L (Ladder): D (Disk): VO (Wedge Oben): VU (Wedge Unten):	S1 SLITS <input type="checkbox"/> beam plug out TS3DS2HL (left): TS3DS2HR (right):	FRS-RATES (counts/spill) 10 kHzrtz : 10 kHzrtz veto dT :	FRS-TRIGGER <input type="checkbox"/> SCI21 <input checked="" type="checkbox"/> SCI41 <input type="checkbox"/> Other:
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FRS setting No. 	S2 SLITS <input type="checkbox"/> beam plug out TS4DS1HL (left): TS4DS1HR (right): TS4DS1VO (left): TS4DS1VU (right):	SC21L: A.M	FRS :
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PRIMARY BEAM Element: SIS energy [MeV/u]	S3 SLITS TS4DS3HL (left): TS4DS3HR (right):	SC21R: A.M	Ta-ToF-LYCCA :
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PROD. TARGET TS1ET5HS, TS1ET5VS: number: element: thickness:	S4 SLITS HFSDS3H (left): HFSDS3H (right): Pb Brick (top): Pb Brick (bottom):	SC41L: 550 k	HECTOR :
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LYCCA / PIs. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog	TA1 Element: Thickness: Position:	SC41R: 550 k	LYCCA / PIs. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog
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LN2 LN2 Last Filling :	LN2 Element: Thickness: Position:	LN2 Last Filling :	LN2 LN2 Last Filling :
Tank1 Vol. (%) :	Tank1 Vol. (%) :	Tank2 Vol. (%) :	Tank2 Vol. (%) :

Check list

Name:

Time:

Agata

- Run number:
- Agava requested:
- 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:

General

- hnd file nr:
- Beam intensity:
- 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:

Comments:

Check list

Name:

Time:

Agata

- Run number:
- Agava requested:
- 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:

General

- lmd file nr:
- Beam intensity:
- 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:

Comments:

Exp No. _____ Primary Beam: _____ Date _____

MBS/file location	File (first) File (last)	1097	Start Stop	13:26 13:50
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) Calibration run Production run

COMMENTS: _____ shift-in-charge _____

FRS/BEAMLINE 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	S1 DEGRADER TS3ED2... Thickness: Wedge used: O2 (Wedge Oben): V1 (Wedge Unten):	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):	MAGNETS Field values from Hall probes: TS3MU1: TS3MU2: TS4MU1: HFSMU1: FRS-RATES (counts/spill) 10 kHrtz : 10 kHrtz veto dT : SC21L: SC21R: SC41L: SC41R:	PreSPEC-Trig/red. <input type="checkbox"/> Pulser(1) / <input type="checkbox"/> LYCCA cal(2)/..... <input checked="" 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 checked="" type="checkbox"/> p+Agata+Lyc(9)/..... <input checked="" type="checkbox"/> Part-SC41(10)/..... <input type="checkbox"/> Spill-on(12)/..... <input type="checkbox"/> Spill-off(13)/..... FRS-TRIGGER <input type="checkbox"/> SCI21 <input type="checkbox"/> SCI41 <input type="checkbox"/> Other: PreSPEC-Rates (Validated/Rejected) AGATA : FRS : Ta-ToF-LYCCA : HECTOR : LYCCA / Pls. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog LN2 LN2 Last Filling : Tank1 Vol. (%) : Tank2 Vol. (%) :
S4 DEGRADER HFSED3... Thickness: O (Wedge Oben): U (Wedge Unten):	S3 SLITS TS4DS3HL (left): TS4DS3HR (right): S4 SLITS HFSDS3H (left): HFSDS3H (right): Pb Brick (top): Pb Brick (bottom):	TA1 Element : Thickness : Position:	PROD. TARGET TS1ET5HS, TS1ET5VS: number: element: thickness:	PRIMARY BEAM Element: SIS energy [MeV/u] Intensity-SEETRAM

Exp No.	Primary Beam:	Date
MBS/file location	File (first) File (last)	Start Stop
Narva/file location	File (first) File (last)	Start Stop
Merged(Narva+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: *shubh 3.5 - 108* shift-in-charge

FRS/BEAMLINE elements <input type="checkbox"/> SEETRAM <input type="checkbox"/> SCI-01 <input 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 type="checkbox"/> LYCCA-Start <input type="checkbox"/> LYCCA-TaStart <input type="checkbox"/> TA1 <input type="checkbox"/> TaDSSD	S1 DEGRADER TS3ED2... Thickness: Wedge used: O2 (Wedge Oben): V1 (Wedge Unten):	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):	MAGNETS Field values from Hall probes: TS3MU1: TS3MU2: TS4MU1: HF5MU1: FRS-RATES (counts/spill) 10 kHzertz : 10 kHzertz veto dT : SC21L: SC21R: SC41L: SC41R:	PreSPEC-Trig/red. <input type="checkbox"/> Pulser(1) /..... <input type="checkbox"/> LYCCA cal(2)/..... <input checked="" 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 checked="" type="checkbox"/> p+Agata+Lyc(9)/..... <input checked="" type="checkbox"/> Part-SC41(10)/..... <input type="checkbox"/> Spill-on(12)/..... <input type="checkbox"/> Spill-off(13)/..... FRS-TRIGGER <input type="checkbox"/> SCI21 <input type="checkbox"/> SCI41 <input type="checkbox"/> Other:
SPILL spill length: period: FRS setting No.	S2 DEGRADER TS3ED7... Thickness: L (Ladder): D (Disk): VO (Wedge Oben): VU (Wedge Unten):	S2 SLITS <input type="checkbox"/> beam plug out TS4DS1HL (left): TS4DS1HR (right): TS4DS1VO (left): TS4DS1VU (right):	PreSPEC-Rates (Validated/Rejected) AGATA : FRS : Ta-ToF-LYCCA : HECTOR :	LYCCA / Pls. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog LN2 LN2 Last Filling : Tank1 Vol. (%) : Tank2 Vol. (%) :
PRIMARY BEAM Element: SIS energy [MeV/u] Intensity-SEETRAM	S3 SLITS TS4DS3HL (left): TS4DS3HR (right): S4 SLITS HFSDS3H (left): HFSDS3H (right): Pb Brick (top): Pb Brick (bottom):	S3 SLITS TS4DS3HL (left): TS4DS3HR (right): S4 SLITS HFSDS3H (left): HFSDS3H (right): Pb Brick (top): Pb Brick (bottom):	AGATA : FRS : Ta-ToF-LYCCA : HECTOR :	LYCCA / Pls. 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:	S4 DEGRADER HFSED3... Thickness: O (Wedge Oben): U (Wedge Unten):	S3 SLITS TS4DS3HL (left): TS4DS3HR (right): S4 SLITS HFSDS3H (left): HFSDS3H (right): Pb Brick (top): Pb Brick (bottom):	10 kHzertz : 10 kHzertz veto dT : SC21L : SC21R : SC41L : SC41R :	LYCCA / Pls. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog LN2 LN2 Last Filling : Tank1 Vol. (%) : Tank2 Vol. (%) :

Check list

Name:

Time:

Agata

- Run number:
- Agava requested:
- 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:

General

- lmd file nr:
- Beam intensity:
- 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:

Comments:

Exp No. _____ Primary Beam: _____ Date 20.03.2014

MBS/file location	File (first) File (last)	<u>1A02</u>	Start Stop	<u>13:45</u>
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) Calibration run Production run

COMMENTS: Tab Seachman 23: 10' **shift-in-charge**

FRS/BEAMLINE elements <input type="checkbox"/> SEETRAN <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	S1 DEGRADER TS3ED2... Thickness: Wedge used: O2 (Wedge Oben): V1 (Wedge Unten):	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):	MAGNETS Field values from Hall probes: TS3MU1: TS3MU2: TS4MU1: HF5MU1: FRS-RATES (counts/spill) 10 kHzrtz : 10 kHzrtz veto dT : SC21L: <u>1.27 M</u> SC21R: <u>1.27 M</u> SC41L: <u>700 k</u> SC41R: <u>700 k</u> TA1 Element : Thickness : Position :	PreSPEC-Trig/red. <input type="checkbox"/> Pulser(1) /..... <input type="checkbox"/> LYCCA cal(2)/..... <input checked="" type="checkbox"/> AgataCa(3)/... <u>4</u> .. <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)/... <u>2</u> .. <input type="checkbox"/> Spill-on(12)/..... <input type="checkbox"/> Spill-off(13)/..... FRS-TRIGGER <input type="checkbox"/> SCI21 <input type="checkbox"/> SCI41 <input type="checkbox"/> Other: PreSPEC-Rates (Validated/Rejected) AGATA : FRS : 1a-ToF-LYCCA : HECTOR : 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. (%) :
SPILL spill length: period: FRS setting No. PRIMARY BEAM Element: SIS energy [MeV/u] Intensity-SEETRAN PROD. TARGET TS1ET5HS, TS1ET5VS: number: element: thickness:	S2 DEGRADER TS3ED7... Thickness: L (Ladder): D (Disk): VO (Wedge Oben): VU (Wedge Unten): S4 DEGRADER HFSED3... Thickness: O (Wedge Oben): U (Wedge Unten):	S2 SLITS <input type="checkbox"/> beam plug out TS4DS1HL (left): TS4DS1HR (right): TS4DS1VO (left): TS4DS1VU (right): S3 SLITS TS4DS3HL (left): TS4DS3HR (right): S4 SLITS HFSDS3H (left): HFSDS3H (right): Pb Brick (top): Pb Brick (bottom):	TA1 Element : Thickness : Position :	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. (%) :

Exp No.	Primary Beam:	Date
MBS/file location	File (first) File (last)	Start Stop
Narval/file location run - 68	File (first) File (last)	Start Stop
Merged(Narval+MBS)/file location	File (first) File (last)	Start Stop

PURPOSE OF MEASUREMENT: (Centered Isotope) Calibration run Production run

COMMENTS: shift-in-charge

FRS/BEAMLINE elements <input checked="" type="checkbox"/> SEETRAM <input type="checkbox"/> SCI-01 <input checked="" type="checkbox"/> FRS-TA0 <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 type="checkbox"/> LYCCA-TaStart <input checked="" type="checkbox"/> TA1 <input checked="" type="checkbox"/> TaDSSD	S1 DEGRADER TS3ED2... Thickness: Wedge used: O2 (Wedge Oben): V1 (Wedge Unten):	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):	MAGNETS Field values from Hall probes: TS3MU1: TS3MU2: TS4MU1: HFMSMU1: FRS-RATES (counts/spill) 10 kHzrtz : 10 kHzrtz veto dT : SC21L: SC21R: SC41L: SC41R: TA1 Element: Thickness: Position:	PreSPEC-Trigger/red. <input type="checkbox"/> Pulser(1) / <input type="checkbox"/> LYCCA cal(2)/..... <input checked="" 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 checked="" type="checkbox"/> p+Agata+Lyc(9)/Δ <input checked="" type="checkbox"/> Part-SC41(10)/Δ.. <input type="checkbox"/> Spill-on(12)/..... <input type="checkbox"/> Spill-off(13)/..... FRS-TRIGGER <input type="checkbox"/> SCI21 <input type="checkbox"/> SCI41 <input type="checkbox"/> Other: PreSPEC-Rates (Validated/Rejected) AGATA: 365 / 2600 FRS : Ta-ToF-LYCCA : HECTOR : LYCCA / Pls. check <input type="checkbox"/> Run-sheet filled <input type="checkbox"/> Run-sheet uploaded on elog LN2 LN2 Last Filling : Tank1 Vol. (%) : Tank2 Vol. (%) :	
SPILL spill length: 9900 ms period:	S2 DEGRADER TS3ED7... Thickness: L (Ladder): D (Disk): VO (Wedge Oben): VU (Wedge Unten):	S3 SLITS TS4DS3HL (left): TS4DS3HR (right): S4 SLITS HFSDS3H (left): HFSDS3H (right): Pb Brick (top): Pb Brick (bottom):	S1 DEGRADER Thickness: Wedge used: O2 (Wedge Oben): V1 (Wedge Unten):	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):	FRS setting No. 5226-52 PRIMARY BEAM Element: $^{86}_{44}Kr$ SIS energy [MeV/u]: 700 Intensity-SEETRAM 3.27×10^8 PROD. TARGET TS1ET5HS, TS1ET5VS: number: 35 element: Be thickness:

Check list

Name: Cesar

Time: 10:20

Agata

- Run number: ~~68~~ 69 ✓
- Agava requested: 2550 ✓
- Agava validated: 2400 ✓
- 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:

General

- lmd file nr: 1106
- Beam intensity: 2.5×10^8
- Scaler sc at S4: 878×10^3
- Scaler sc at S2: 446×10^3
- 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 30.03.2019

MBS/file location File (first) 1143 Start 00:45
 File (last) _____ Stop _____

Narval/file location File (first) _____ Start _____
 File (last) _____ Stop _____

Merged(Narval+MBS)/file location File (first) _____ Start _____
 File (last) _____ Stop _____

PURPOSE OF MEASUREMENT: (Centered isotope) Calibration run Production run

COMMENTS: shift-in-charge

FRS/BEAMLINE elements

SEETRAM
 SCI-01
 FRS-TA0
 S1-degrader
 S2-degrader
 SCI-21
 S4-degrader
 LYCCA-Start
 LYCCA-TaStart
 TA1
 TaDSSD

S1 DEGRADER
 TS3ED2...
 Thickness: _____
 Wedge used: _____
 O2 (Wedge Oben): _____
 V1 (Wedge Unten): _____

S2 DEGRADER
 TS3ED7...
 Thickness: _____
 L (Ladder): _____
 D (Disk): _____
 VO (Wedge Oben): _____
 VU (Wedge Unten): _____

S4 DEGRADER
 HFSED3...
 Thickness: _____
 O (Wedge Oben): _____
 U (Wedge Unten): _____

PROD. TARGET
 TS1ET5HS, TS1ET5VS:
 number: 35
 element: Be
 thickness: _____

SPILL
 spill length: 4500 ms
 period: _____

FRS setting No.

PRIMARY BEAM
 Element: 86Kr 133
 SIS energy [MeV/u]: 400
 Intensity-SEETRAM: 2.37 · 10⁸

S0 SLITS
 beam stop out
 TS2DS3HL (left): _____
 TS2DS3HR (right): _____
 TS2DS3VO (top): _____
 TS2DS3VU (bottom): _____

S1 SLITS
 beam plug out
 TS3DS2HL (left): 10
 TS3DS2HR (right): 10

S2 SLITS
 beam plug out
 TS4DS1HL (left): -30
 TS4DS1HR (right): 30
 TS4DS1VO (left): -20
 TS4DS1VU (right): 20

S3 SLITS
 TS4DS3HL (left): -20,0
 TS4DS3HR (right): 20,1

S4 SLITS
 HFSDS3H (left): -85,9
 HFSDS3H (right): 85,8
 Pb Brick (top): 100
 Pb Brick (bottom): -100

S0 SLITS
 beam stop out
 TS2DS3HL (left): _____
 TS2DS3HR (right): _____
 TS2DS3VO (top): _____
 TS2DS3VU (bottom): _____

S1 SLITS
 beam plug out
 TS3DS2HL (left): _____
 TS3DS2HR (right): _____

S2 SLITS
 beam plug out
 TS4DS1HL (left): _____
 TS4DS1HR (right): _____
 TS4DS1VO (left): _____
 TS4DS1VU (right): _____

S3 SLITS
 TS4DS3HL (left): _____
 TS4DS3HR (right): _____

S4 SLITS
 HFSDS3H (left): _____
 HFSDS3H (right): _____
 Pb Brick (top): _____
 Pb Brick (bottom): _____

MAGNETS
 Field values from Hall probes:
 TS3MU1: 0.90 886
 TS3MU2: 0.84 279
 TS4MU1: 0.64539
 HF5MU1: 0.64485

FRS-RATES
 (counts/spill)
 10 kHz: _____
 10 kHz veto dT: _____

SC21L: 258k
 SC21R: 520k

SC41L: 743k
 SC41R: 723k

TA1 Element: _____
 Thickness: _____
 Position: _____

FRS-TRIGGER
 SC121
 SC141
 Other: _____

PreSPEC-Rates
 (Validated/Rejected)
 AGATA: _____
 FRS: _____

Ta-ToF-LYCCA: _____
 HECTOR: _____

LYCCA / Pls. check
 Run-sheet filled
 Run-sheet uploaded on elog
 LN2
 LN2 Last Filling: _____
 Tank1 Vol. (%): _____
 Tank2 Vol. (%): _____

Exp No. _____ Primary Beam: _____ Date 30.03.2019

MBS/file location
 File (first) 11481ind Start 1534
 File (last) _____ Stop 1:45

Narval/file location 100n-70
 File (first) _____ Start _____
 File (last) _____ Stop _____

Merged(Narval+MBS)/file location
 File (first) _____ Start _____
 File (last) _____ Stop _____

PURPOSE OF MEASUREMENT: (Centered Isotope) Calibration run Production run

COMMENTS: shift-in-charge

FRS/BEAMLINE

elements
 SEETRAM
 SCI-01
 FRS-TA0
 S1-degrader
 S2-degrader
 SCI-21
 S4-degrader
 LYCCA-Start
 LYCCA-TaStart
 TA1
 TaDSSD

SPILL
 spill length: 90 min
 period: _____

FRS setting No.

PRIMARY BEAM
 Element: 86Kr 83f
 SIS energy [MeV/u]: 700
 Intensity-SEETRAM: 2.43.10⁸

PROD. TARGET
 TS1ET5HS, TS1ET5VS:
 number: 30
 element: Be
 thickness: _____

S1 DEGRADER
 TS3ED2...
 Thickness: _____
 Wedge used: _____
 O2 (Wedge Oben): _____
 V1 (Wedge Unten): _____

S2 DEGRADER
 TS3ED7...
 Thickness: _____
 L (Ladder): _____
 D (Disk): _____
 VO (Wedge Oben): _____
 VU (Wedge Unten): _____

S4 DEGRADER
 HFSED3...
 Thickness: _____
 O (Wedge Oben): _____
 U (Wedge Unten): _____

S0 SLITS
 beam stop out
 TS2DS3HL (left): _____
 TS2DS3HR (right): _____
 TS2DS3VO (top): _____
 TS2DS3VU (bottom): _____

S1 SLITS
 beam plug out
 TS3DS2HL (left): -10
 TS3DS2HR (right): +10

S2 SLITS
 beam plug out
 TS4DS1HL (left): -30
 TS4DS1HR (right): +30
 TS4DS1VO (left): -20
 TS4DS1VU (right): +20

S3 SLITS
 TS4DS3HL (left): -20,6
 TS4DS3HR (right): +20,1

S4 SLITS
 HFDS3H (left): -35,9
 HFDS3H (right): +06,5
 Pb Brick (top): +100
 Pb Brick (bottom): -100

MAGNETS
 Field values from Hall probes:
 TS3MU1: 0.90865
 TS3MU2: 0.84274
 TS4MU1: 0.04534
 HFSMU1: 0.64985

FRS-RATES
 (counts/spill)
 10 kHz: _____
 10 kHz veto dT: _____
 SC21L: 469k
 SC21R: 492k
 SC41L: 856k
 SC41R: 418k

TA1
 Element: _____
 Thickness: _____
 Position: _____

PreSPEC-Trig/red.
 Pulser(1) /.....
 LYCCA call(2)/.....
 AgataCal(3)/..f..
 HEC Cal(4)/.....
 FRS from TB(5)/...
 p+HEC(6)/.....
 p+Agata(7)/.....
 p+HEC+Lyc(8)/..f..
 p+Agata+Lyc(9)/..f..
 Part-SC41(10)/...f..
 Spill-on(12)/.....
 Spill-off(13)/.....

FRS-TRIGGER
 SCI21
 SCI41
 Other:

PreSPEC-Rates
 (Validated/Rejected)
 AGATA: 500/1500
 FRS: _____
 Ta-ToF-LYCCA: _____
 HECTOR: _____

LYCCA / Pls. check
 Run-sheet filled
 Run-sheet uploaded on elog

LN2
 LN2 Last Filling: _____
 Tank1 Vol. (%): _____
 Tank2 Vol. (%): _____

Check list

Name: Cesar

Time: 01:59

Agata

- Run number: 71
- Agava requested: 452
- Agava validated: 438
- 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:

General

- lmd file nr: 1150
- Beam intensity: ~~1.5~~ 1.5×10^6
- Scaler sc at S4:
- Scaler sc at S2: 1.2×10^5
- 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. 30.03.2014 Primary Beam: 1163.1mD Date 30.03.2014

MBS/file location 1163.1mD Start 4:12

Narval/file location File (first) 1163.1mD Stop

Merged(Narval+MBS)/file location File (first) 1163.1mD Start

File (last) 1163.1mD Stop

PURPOSE OF MEASUREMENT: (Centered isotope) 85Br Calibration run Production run

COMMENTS: shift-in-charge

FRS/BEAMLINE elements

SEETRAM
 SCI-01
 FRS-TA0
 S1-degrader
 S2-degrader
 SCI-21
 S4-degrader
 LYCCA-Start
 LYCCA-TaStart
 TA1
 TaDSSD

SPILL
 spill length: 900ns
 period:

FRS setting No.

PRIMARY BEAM
 Element: 86Kr 83+
 SIS energy [MeV/u]: 200
 Intensity-SEETRAM: 2.3 x 10⁸

PROD. TARGET
 TS1ET5HS,
 TS1ET5VS:
 number: 35
 element: Br
 thickness:

S1 DEGRADER
 TS3ED2...
 Thickness:
 Wedge used:
 O2 (Wedge Oben):
 V1 (Wedge Unten):

S2 DEGRADER
 TS3ED7...
 Thickness:
 L (L-adder):
 D (Disk):
 VO (Wedge Oben):
 VU (Wedge Unten):

S4 DEGRADER
 HFSED3...
 Thickness:
 O (Wedge Oben):
 U (Wedge Unten):

S0 SLITS
 beam stop out
 TS2DS3HL (left):
 TS2DS3HR (right):
 TS2DS3VO (top):
 TS2DS3VU (bottom):

S1 SLITS
 beam plug out
 TS3DS2HL (left): -10
 TS3DS2HR (right): 7 10

S2 SLITS
 beam plug out
 TS4DS1HL (left): -80
 TS4DS1HR (right): 730
 TS4DS1VO (left): -20
 TS4DS1VU (right): 420

S3 SLITS
 TS4DS3HL (left): -20,6
 TS4DS3HR (right): 420,1

S4 SLITS
 HFSDS3H (left): -35,9
 HFSDS3H (right): 485,5
 Pb Brick (top): 7100
 Pb Brick (bottom):

MAGNETS
 Field values from Hall probes:
 TS3MU1: 0.90865
 TS3MU2: 0.8484
 TS4MU1: 0.64534
 HFSMU1: 0.04485

FRS-RATES
 (counts/spill)

10 kHzrtz :

10 kHzrtz veto dT :

SC21L: 845 k

SC21R: 844 k

SC41L: 407 k

SC41R: 689 k

TA1
 Element:
 Thickness :
 Position:

PreSPEC-Trig/red.
 Pulsar(1) /.....
 LYCCA cal(2)/.....
 AgataCal(3)/.....
 HEC Cal(4)/.....
 FRS from TB(5)/...
 p+HEC(6)/.....
 p+Agata(7)/.....
 p+HEC+Lyc(8)/.....
 Part-SC41(10)/...
 Spill-on(12)/.....
 Spill-off(13)/.....

FRS-TRIGGER
 SCI21
 SCI41
 Other:

PreSPEC-Rates
 (Validated/Rejected)
 AGATA : 357/8290

FRS :
 Ta-ToF-LYCCA :

HECTOR :

LYCCA / Pls. check
 Run-sheet filled
 Run-sheet uploaded on elog

LN2
 LN2 Last Filling :

Tank1 Vol. (%) :

Tank2 Vol. (%) :

Check list

Name: Cesar

Time: 5:00

Agata

- Run number: 71
- Agava requested: 2200
- Agava validated: 2100
- 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:

General

- lmd file nr: 1472
- Beam intensity: 2×10^8
- Scaler sc at S4: $2,50 \times 10^3$
- Scaler sc at S2: 131×10^3
- Check in Go4 all the spectra of the list* :
- Check in Go4 the hit pattern of the Wall
- Check in Go4 the triggers:

Comments: