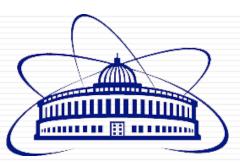
OMC4DBD analysis forthweekly meeting

D.Z. Zinatulina 07.12.2021

Link: https://indico.jinr.ru/event/2691/













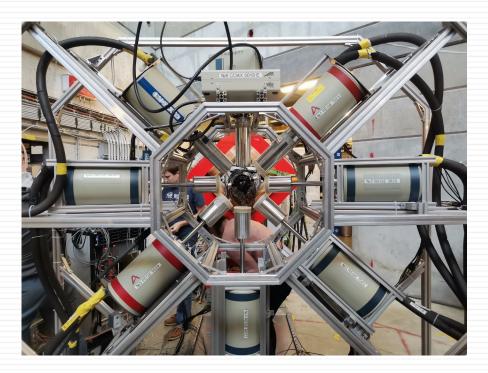






OMC4DBD' 2021	-2022 dat	a analysis plan			_	-		
			November		D	ecember		January
Tasks	Inst-te	Persons	20 21 22 23 24 25 26 27 28 2	9 30 1 2 3 4 5 6	7 8 9 10 11 12 13 14 1	5 16 17 18 19 20 21 22	23 24 25 26 27 28 29 30 3:	1 1 2 3 4 5
Prelimenary analysis of Ba-136/Ba-nat (MIDAS)								
Efficiency and energy calibration	JINR, PSI	Nadya, Igor, Stella		M		i		
Baseline correction, rebuild of Analizer	JINR, PSI	Igor, Stella, Andreas		*				
Optimizing of timing cuts, construction of energy and time	Jilett, 1 31					i		
spectra, identification	JINR, UZH	Igor, Gabriela, Danya				į.		
Total capture rates of Ba-136 and Ba-nat	JINR	Yurii			\mathbb{A}	į		
Beam-off measurements analysis	JINR, UZH	Danya, Maria, Gabriela						
Prelimenary analysis of Ba-136/Ba-nat (LLAMA)					* * * * * * * * * * * * * * * * * * * 			
Efficiency and energy calibration	TUM, UZH	Eli and Co, Gabriella		\bowtie				
Baseline correction	TUM, UZH	Mario and Co, Gabriella						
Optimizing of timing cuts, construction of energy and time	TUM, UZH,	Maria and Co. Cabriella II.				į		
spectra	ALABAMA	Mario and Co, Gabriella, Igor and Co		* * * * * * * * * * * * * * * * * * *	$\Lambda\Lambda\Lambda\Lambda\Lambda$	1		
Total capture rates of Ba-136 and Ba-nat	ALABAMA	Igor and Co		X		! !		
Beam-off measurements analysis	UZH	Gabriella						
Prelimenary analysis of Se-76 (MIDAS)					1	<u> </u>		
Optimizing of timing cuts, construction of energy and time spectra	JINR	lgor, Nadezda, Danya			(į.		
Total capture rates of Se-76	JINR	Yurii, Danya			XXX			
·								
Beam-off measurements analysis Prelimenary analysis of Se-76 (LLAMA)	JINR	Slava						
				/				
Optimizing of timing cuts, construction of energy and time spectra	тим	Mario and Co			\langle	į		
Total capture rates of Se-76	тим	Eli and Co		' ' ' ' ' '				
Beam-off measurements analysis	UZH	Gabriella						
Progress report preparation								
Part of science	JINR, ALABAMA	Yurii, Igor						
Part of equipment, frame, triggers	JINR	Sergei, Egor, Slava						
Part of the detectors description	JINR	Konstantin, Nadezda			XXXXXXX			
Part of target preparation	JINR	Danya, Sergei, Egor				A 4	į	
Part of MIDAS DAQ Part of LLAMA DAQ	JINR, PSI TUM	Slava, Igor, Stella						
Part of LLAMA DAQ Energy and time spectra of Ba-136,Se-76	TUM ALABAMA, JINR	Mario, Eli, Elisabetta Igor (UA), Igor, Danya, Nadezda						
Part of total capture results	JINR, TUM	Danya, Yurii, Eli			VV			
·	JINR, TUM,							
Part of requesting time and conclusions	ALABAMA	Danya, Prof. Stefan, Igor (UA)				\sim		
Equipment preparation, transportation								
HPGe detectors order	JINR	Nadezda, Konstantin						
Neutron detectors??	JINR	Nadezda, Konstantin						
Transportation of the detectors PSI->TUM	PSI, TUM	Eli, Stella						
Modernization of the target	JINR	Egor, Sergei						
Beam profile monitoring with SiPM	JINR	Slava, Yurii?, Sergei						
Order of the isotopes for next campaign	JINR	Dana, Nadezda, Maria						
Prelimenary analysis with off-line measurements	JINR, UTM, RCNP	Slava, Izyan and Co, Prof. Ejiri						
General meeting	ALL of Inst-ns						-	
Joint publication preparation, discussion of the rules for coauthors	ALL of Inst-ns							

Progress report of 2021 campaign





Please note:

The latest corrections should be done till 22:00 25/12/2021

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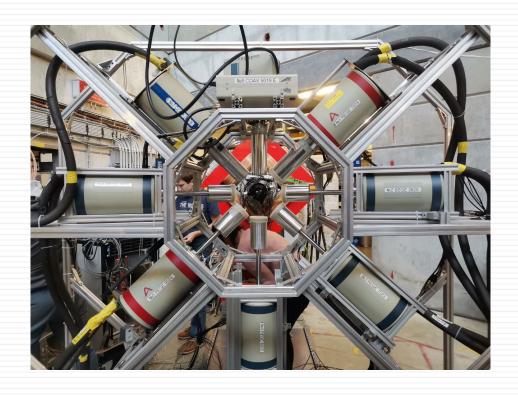
Overleaf link of the general Proposal:

https://ru.overleaf.com/project/5defe238bc758000019f5694

Overleaf link of the Progress report example:

https://ru.overleaf.com/2188139956tbmwgzrnmyjr

Request for the next beam time 2022





Proposal of the time:

From 19th June to 16th July or From 4th September to 1st October

What will be measured:

Solid ¹⁰⁰Mo and ⁹⁶Mo enriched

3 weeks of measurements+ 1 week for mounting