

## FAST PARTICLES MODES TABLE

MOD E	NAME	kbit s/s	EESA		IESA			SESA			TEAMS		
			Sweep Slow Svy	Fast Svy	Sweep Svy	Fast Svy	Slow	Sweep Svy	Fast Svy	Slow	Fast Svy Svy	Slow	
<b>016</b> Slot 0		23 198 1101	64 Sweeps 48 Ener- gies 28KeV Top	8 avg/ spin 48Ex64A	2 avg/ spin 48Ex32 A	64 Sweeps 48 Ener- gies 28KeV Top	8 avg/ spin 48Ex64A	2 avg/ spin 48Ex32 A	Cycle mode 48 Ener- gies 28KeV Top 1.4x Delta E	64 avg/ spin 48Ex16A	4 avg/spin 48Ex16A	64 sweeps Mode FS2	32 sweeps Mode SS1
<b>017</b> Slot 1		23 198 1101	64 Sweeps 48 Ener- gies 28KeV Top	8 avg/ spin 48Ex64A	2 avg/ spin 48Ex32 A	64 Sweeps 48 Ener- gies 28KeV Top	8 avg/ spin 48Ex64A	2 avg/ spin 48Ex32 A	Cycle mode 12 Ener- gies 20KeV Top 1.4x Delta E	256 avg/ spin 12Ex16A	16 avg/ spin 12Ex16A	64 sweeps Mode FS2	32 sweeps Mode SS1
<b>018</b> Slot 0		23 277 1101	64 Sweeps 48 Ener- gies 28KeV Top	8 avg/ spin 48Ex64A	2 avg/ spin 48Ex32 A	64 Sweeps 48 Ener- gies 28KeV Top	8 avg/ spin 48Ex64A	2 avg/ spin 48Ex32 A	Cycle mode 24 Ener- gies 28KeV Top 1.4x Delta E	256 avg/ spin 6Ex16A	8 avg/spin 6Ex16A	64 sweeps Mode FS2	32 sweeps Mode SS1
<b>019</b> Slot 1		23 277 1101	64 Sweeps 48 Ener- gies 28KeV Top	8 avg/ spin 48Ex64A	2 avg/ spin 48Ex32 A	64 Sweeps 48 Ener- gies 28KeV Top	8 avg/ spin 48Ex64A	2 avg/ spin 48Ex32 A	Fixed mode 6 Energies 0.5KeV Top 2x Delta E	1024 avg/ spin 6Ex16A	32 avg/ spin 6Ex16A	64 sweeps Mode FS2	32 sweeps Mode SS1
<b>020</b> Slot 2		23 356 1101	64 Sweeps 48 Ener- gies 28KeV Top	16 avg/ spin 48Ex64A	2 avg/ spin 48Ex32 A	64 Sweeps 48 Ener- gies 28KeV Top	16 avg/ spin 48Ex64A	2 avg/ spin 48Ex32 A	Fixed mode 6 Energies 1KeV Top 2x Delta E	1024 avg/ spin 6Ex16A	32 avg/ spin 6Ex16A	64 sweeps Mode FS2	32 sweeps Mode SS1

<b>021</b> Slot 3	43 393 1101	64 Sweeps 48 Ener- gies 28KeV Top	16 avg/ spin 48Ex64A	2 avg/ spin 48Ex32 A	64 Sweeps 48 Ener- gies 28KeV Top	16 avg/ spin 48Ex64A	2 avg/ spin 48Ex32 A	Fixed mode 6 Energies 2KeV Top 2x Delta E	1024 avg /spin 6Ex16A	32 avg/ spin 6Ex16A	64 sweeps Mode FS3	64 sweeps Mode FS1
<b>022</b> Slot 4	43 393 1101	64 Sweeps 48 Ener- gies 28KeV Top	16 avg/ spin 48Ex64A	2 avg/ spin 48Ex32 A	64 Sweeps 48 Ener- gies 28KeV Top	16 avg/ spin 48Ex64A	2 avg/ spin 48Ex32 A	Fixed mode 6 Energies 16KeV Top 2x Delta E	1024 avg /spin 6Ex16A	32 avg/ spin 6Ex16A	64 sweeps Mode FS3	64 sweeps Mode FS1
<b>023</b> Slot 6	43 43 1101	64 Sweeps 48 Ener- gies 28KeV Top	2 avg/ spin 48Ex32A	2 avg/ spin 48Ex32 A	64 Sweeps 48 Ener- gies 28KeV Top	2 avg/ spin 48Ex32A	2 avg/ spin 48Ex32 A	Fixed mode 6 Energies 1KeV Top 2x Delta E	32 avg/ spin 6Ex16A	32 avg/ spin 6Ex16A	64 sweeps Mode FS1	64 sweeps Mode FS1
<b>024</b> Slot 0	43 43 1101	64 Sweeps 48 Ener- gies 28KeV Top	2 avg/ spin 48Ex32A	2 avg/ spin 48Ex32 A	64 Sweeps 48 Ener- gies 28KeV Top	2 avg/ spin 48Ex32A	2 avg/ spin 48Ex32 A	Fixed mode 6 Energies 16KeV Top 2x Delta E	32 avg/ spin 6Ex16A	32 avg/ spin 6Ex16A	64 sweeps Mode FS1	64 sweeps Mode FS1

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MODE	NAME	kbits/s	EESA			IESA			SESA			TEAMS	
			Sweep	Fast SvY	Slow SvY	Sweep	Fast SvY	Slow SvY	Sweep	Fast SvY	Slow SvY	Fast SvY	Slow SvY
<b>025</b> Slot 1		43 393 1101	64 Sweeps 48 Energies 28KeV Top	16 avg/spin 48Ex64A	2 avg/spin 48Ex32A	64 Sweeps 48 Energies 28KeV Top	16 avg/spin 48Ex64A	2 avg/spin 48Ex32A	Cycle mode 24 Energies 28KeV Top 1.4x Delta E	256 avg/ spin 24Ex16A	8 avg/spin 24Ex16A	64 sweeps Mode FS3	64 sweeps Mode FS1
<b>026</b> Slot 2		43 43 1101	64 Sweeps 48 Energies 28KeV Top	2 avg/spin 48Ex32A	2 avg/spin 48Ex32A	64 Sweeps 48 Energies 28KeV Top	2 avg/spin 48Ex32A	2 avg/spin 48Ex32A	Cycle mode 24 Energies 28KeV Top 1.4x Delta E	8 avg/ spin 24Ex16A	8 avg/spin 24Ex16A	64 sweeps Mode FS1	64 sweeps Mode FS1
<b>027</b> Slot 5		43 393 1101	64 Sweeps 48 Energies 28KeV Top	16 avg/spin 48Ex64A	2 avg/spin 48Ex32A	64 Sweeps 48 Energies 28KeV Top	16 avg/spin 48Ex64A	2 avg/spin 48Ex32A	Fixed mode 6 Energies 4KeV Top 2x Delta E	1024 avg/ spin 6Ex16A	32 avg/spin 6Ex16A	64 sweeps Mode FS3	64 sweeps Mode FS1
<b>028</b> Slot 1		43 393 1101	64 Sweeps 48 Energies 28KeV Top	16 avg/spin 48Ex64A	2 avg/spin 48Ex32A	64 Sweeps 48 Energies 28KeV Top	16 avg/spin 48Ex64A	2 avg/spin 48Ex32A	Fixed mode 6 Energies 8KeV Top 2x Delta E	1024 avg/ spin 6Ex16A	32 avg/spin 6Ex16A	64 sweeps Mode FS3	64 sweeps Mode FS1
<b>029</b> Slot 2		43 393 1101	64 Sweeps 48 Energies 28KeV Top	16 avg/spin 48Ex64A	2 avg/spin 48Ex32A	64 Sweeps 48 Energies 28KeV Top	16 avg/spin 48Ex64A	2 avg/spin 48Ex32A	Fixed mode 6 Energies Tracking 1.4x Delta E	1024 avg/ spin 6Ex16A	32 avg/spin 6Ex16A	64 sweeps Mode FS3	64 sweeps Mode FS1
<b>030</b> Slot 1		33 236 1101	64 Sweeps 48 Energies 28KeV Top	8 avg/spin 48Ex64A	2 avg/spin 48Ex32A	64 Sweeps 48 Energies 28KeV Top	8 avg/spin 48Ex64A	2 avg/spin 48Ex32A	Fixed mode 6 Energies 2KeV Top 2x Delta E	512 avg/ spin 6Ex16A	32 avg/spin 6Ex16A	64 sweeps Mode FS3	32 sweeps Mode FS1a
<b>031</b> Slot 6		43 58 1101	64 Sweeps 48 Energies 28KeV Top	4 avg/spin 48Ex32A	2 avg/spin 48Ex32A	64 Sweeps 48 Energies 28KeV Top	4 avg/spin 48Ex32A	2 avg/spin 48Ex32A	Fixed mode 6 Energies 2KeV Top 2x Delta E	64 avg/spin 6Ex16A	32 avg/spin 6Ex16A	64 sweeps Mode FS1	64 sweeps Mode FS1
<b>032</b> Slot 0		33 372 1101	64 Sweeps 48 Energies 28KeV Top	16 avg/spin 48Ex64A	2 avg/spin 48Ex32A	64 Sweeps 48 Energies 28KeV Top	16 avg/spin 48Ex64A	2 avg/spin 48Ex32A	Fixed mode 6 Energies 2KeV Top 2x Delta E	1024 avg/ spin 6Ex16A	32 avg/spin 6Ex16A	64 sweeps Mode FS3A	64 sweeps Mode FS1A
<b>033</b> Slot 1		43 197 1101	64 Sweeps 48 Energies 28KeV Top	8 avg/spin 48Ex64A	2 avg/spin 48Ex32A	64 Sweeps 48 Energies 28KeV Top	8 avg/spin 48Ex64A	2 avg/spin 48Ex32A	Fixed mode 6 Energies 4KeV Top 2x Delta E	256 avg/ spin 6Ex16A	32 avg/spin 6Ex16A	64 sweeps Mode FS3	64 sweeps Mode FS1

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MODE	NAME	kbits/s	EESA			IESA			SESA			TEAMS	
			Sweep	Fast Sv	Slow Sv	Sweep	Fast Sv	Slow Sv	Sweep	Fast Sv	Slow Sv	Fast Sv	Slow Sv
<b>034</b> Slot 0	NEW	43 197 1101	64 Sweeps 48 Energies 28KeV Top	8 avg/spin 48Ex64A	2 avg/spin 48Ex32A	64 Sweeps 48 Energies 28KeV Top	8 avg/spin 48Ex64A	2 avg/spin 48Ex32A	Fixed mode 6 Energies 16KeV Top 2x Delta E	256 avg/ spin 6Ex16A	32 avg/spin 6Ex16A	64 sweeps Mode FS3	64 sweeps Mode FS1

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