

version	date	contribution to yields	action	Global direction	Particular direction	item
10.0.02	11/22/2016	2s	Update	ReactionMechanism	stragglings	Moyal : sigma increased to =4 - Correction for asym distributions, GasCell case
10.0.03	11/22/2016	2s	Update	ReactionMechanism	stragglings	Moyal : asym distributions
10.0.04	11/22/2016	2s	Update	ReactionMechanism	stragglings	Moyal : correction Average to Probable
10.0.05	11/22/2016	2s	Update	ReactionMechanism	stragglings	Moyal : factor increased from 1.15 to 1.5
10.0.06a	12/19/2016		Update	shell	init	g/cm2 -> mg/cm2 in L_init.cpp + defect_thickness
10.0.06b	12/19/2016		Development	Configuration	NSCL	new A1900 files
10.0.06c	12/19/2016		Development	Configuration	RIKEN	new e_BigRIPS files
10.0.07	1/20/2017		Modification	shell	frame	FRIB logo has been updated
10.0.08	1/20/2017		Development	Rates	FRIB rates	FRIB rates version 1.06 implemented in the code
10.0.09	1/30/2017		Modification	shell	installer	New Actual Installer 6.6 version
10.0.10	1/30/2017		Development	Excel	PID	LISE for Excel: PID resolution calculator
10.0.11	2/2/2017		Update	Configuration	NSCL	e_A1900 files update in LISE++ package
10.0.12	3/10/2017		Correction	MC	shell	MC "Radial" field name
10.0.13	3/13/2017		Modification	shell	internal	d_Database.cpp has been split to d_Database.cpp and o_Database_time.cpp
10.0.14	3/14/2017		Modification	shell	internal	d_Mechanism.cpp has been split to d_Mechanism.cpp and o_MechanismReactions.cpp
10.0.15	3/30/2017	1	Modification	transmission	results	Global.dll and Global.exe have been modified due to HW's request
10.0.16	3/31/2017		Modification	utility	settings	Radiation residue calculator for Z > 100
10.0.17	4/4/2017		Modification	shell	settings	e_charge in Coulomb for the Beam dialog
10.0.18	4/4/2017		Modification	shell	plots	Plot options -> add.info for default values
10.0.19	4/6/2017		Modification	MC	shell	MC to file : output format has been changed from .5g to .6e
10.0.20	4/12/2017	1mc	Correction	MC	shell	MonteCarlo transmission in the case no optics blocks in file
10.0.22	5/13/2017	1	Development	ReactionMechanism	FRACS	FRACS parameterization: FRACS update v.1.1 due to the original bug (FIXED)
10.0.23	5/13/2017	1	Development	ReactionMechanism	FRACS	FRACS parameterization: User CS dilaoq modification due to new FRACS parameterization
10.0.24	5/13/2017	1	Development	ReactionMechanism	FRACS	FRACS parameterization: it is used for Secondary reactions
10.0.25	5/13/2017	1	Development	ReactionMechanism	FRACS	FRACS parameterization: it has been implemented
10.0.26	5/13/2017	2	Update	RF kicker	results	Analytical angle shift due to dX-shift
10.0.26a	5/11/2017	1	Modification	Universal parameterization		Model#2 Excitation energy free and square coefficients are available
10.0.26b	5/11/2017	1ma	Update	masses		AME2016 ME-file in LISE++ package
10.0.27	5/13/2017	2mc	Update	RF kicker	results	MonteCarlo angle shift due to dX-shift
10.0.28	6/9/2017		Modification	shell		Scheme size new restrictions
10.0.28a	6/9/2017		Update	AA	plots	option to plot LISE++ Abrasion-Ablation in CS plots
10.0.29	6/9/2017		Modification	Configuration	NSCL	A1900 segment 2016 configuration now with 3 quads
10.0.30	6/9/2017		Update	optics	directory	Reading second order constraints from Transport file
10.0.31	6/9/2017		Modification	utility-optics	dialog	Optics Setup: row elements connected dot lines
10.0.32	6/13/2017		Update	Discovery isotope project		links for Z=1-9
10.0.32a	6/13/2017		Update	Discovery isotope project		rectangle for "non-existed" isotopes
10.0.32b	6/13/2017		Update	Discovery isotope project		new isotope flags
10.0.32c	6/13/2017		Update	Discovery isotope project		Table of nuclides : updates for 2015-2016 discovered isotopes:
10.0.33	7/7/2017		Modification	shell	init	Advanced user update for lise.ini
10.0.34	7/7/2017		Modification	shell	frame	substitution Qd() -> max(Qd(),1) in Beam.cpp
10.0.35	7/7/2017	2	Modification	ReactionMechanism	Momentum distribution	Sigma_Parallel in the case of fusion Compound==recoil
10.0.36	7/7/2017	2s	Modification	ReactionMechanism	Abrasion-Ablation	Abrasion-Ablation : update for very thin target in the case of fusion
10.0.37	7/7/2017	2mc	Modification	ReactionMechanism	MC	MC_TransPlot::MakeAngleDistribution & L_taulise_angle: tmax
10.0.39	7/18/2017	1	Update	ReactionMechanism	Fusion	FusionInf modification for very thin target
10.0.40	7/18/2017		Development	Rates	FRIB rates	FRIB rates and beams for 1st and 2nd years
10.0.41	7/18/2017		Modification	shell	plots	TableIsoFile & TableIsoListFile are local for each Plot
10.0.42	7/25/2017		Update	Rates	FRIB	ISOList Files for FRIB rate v.1.08
10.0.43	7/25/2017		Modification	shell	directory	Updates files in MyDocuments including iso-file.
10.0.44	7/31/2017	2	Modification	optics	Rotation block	Beam Rotation block: Rotate angle --> modifications in transmission optics (ARIS issue)
10.0.45	7/31/2017		Update	optics	Rotation block	Beam Rotation block: New block Rgom matrix to solve Rotation angle issue in Distr mode
10.0.46	8/15/2017		Modification	shell	help	External help for convolution model
10.0.46a	8/15/2017	1	Modification	transmission	results	the in "reste"(energy_loss) function
10.0.46b	8/15/2017		Modification	shell	frame	PACE4 about dialog
10.0.47	9/1/2017		Correction	shell	plots	Fusion cross section were not plotted cause of AvoidAA key
10.0.48	9/8/2017		Modification	utility	internal	FRIB drip-line search due to beta-n new branches
10.0.49	9/11/2017		Correction	AA	plots	Option "Show AA calculations"
10.1.050	9/11/2017		Correction	shell	frame	middle version has been changed to avoid "update" message for minor version changes
10.1.051	9/20/2017	2s	Correction	optics	results	bug in solenoid tuning
10.1.052	10/12/2017		Correction	utility	MSP144	MSP144 utility
10.1.052a	10/12/2017		Development	Configuration	JINR	new e_MSP144_2017.* files
10.1.053	11/17/2017		Modification	utility	Plots	Target optimization options in the Brho scanning plot
10.1.054	11/17/2017		Correction	AA	plots	Use Abrasion-Ablation results in CS plots
10.1.055	11/17/2017		Modification	Universal parameterization	dialog	Permission to use possible negative values for "coef" in the convolution model
10.1.056	11/17/2017		Update	masses	FRIB masses	FRIB masses
10.1.057	11/17/2017	3	Development	transmission	important	IMPORTANT: Materials - no more "slits" features
10.1.058	11/17/2017		Development	utility-optics	dialog	Array operations in the separator Set-up dialog
10.1.059	12/13/2017		Update	masses		AME2016 & NUBASE2016 in LISE++
10.1.060	12/14/2017		Modification	shell	Database	Database values plotting
10.1.062	12/19/2017		Correction	RF kicker	plots	RF-kicker plot in the case of protons
10.1.063	12/19/2017		Correction	utility-optics	frame	Bug in the Setup dialog after the array operation
10.1.064	12/19/2017	1ma	Modification	masses		ME-table reading file subroutines
10.1.065	12/19/2017	1ma	Update	masses		Global revision of mass extrapolation
10.1.066	12/20/2017	1ma	Update	masses		All ME for hydrogen data in the case of lme-files are taken const data from LISE
10.1.067	12/20/2017		Correction	masses		zero-errors in the case extrapolation of lme-file data
10.1.068	12/20/2017		Modification	masses		Plotting FRIB masses -> LME revision
10.1.069	1/5/2018		Update	masses	plots	Separation energies minimum plot
10.1.070	1/5/2018		Update	Discovery isotope project		Discovery database
10.1.071	1/5/2018		Update	masses	RMF	RMF mass tables
10.1.075	2/9/2018		Modification	ReactionMechanism	plots	APF Ex energy dialog -> L from Apf plot
10.1.075	2/9/2018		Update	ReactionMechanism	Fusion	Fusion : E* & k-value in the Fusion dialog result window
10.1.076	2/9/2018		Update	ReactionMechanism	Fusion	Fusion : Excitation energy of compound (taking L into account)
10.1.077	2/9/2018		Modification	shell	charge state	Warning in the case of charge state mode and no charge state production in target
10.1.079	3/17/2018		Update	Configuration	GANIL	Update of GANIL configuration files
10.1.080	3/17/2018		Development	MC	shell	New class "MC_trans_base"
10.1.081	3/17/2018		Update	shell		IsolCatcher class and corresponding dialog
10.1.082	3/19/2018		Update	RF kicker	dialog	"Kicker" dialog update
10.1.083	4/6/2018		Update	shell		Isotopes observed in 2017-2018 are added in the LISE++ table of nuclides
10.1.084	4/6/2018		Update	masses		New 5 LME mass tables: WS4, WS4_RBF, FRDM2012, HFB-22,27
10.1.086	5/4/2018	1mc	Development	MC	shell	Monte Carlo options:- dP/P selection: 0 - dP/P COSY; 1 - dP/P0 Transport
10.1.087	5/4/2018	1mc	Update	MC	options	Monte Carlo options: RadialSign : 0 - no changes, 1 - Ang & Rad, 2 - as 1 + Theta and Ph to avoid expl overflow ("mexpl" and "mexp" functions)
10.1.088	5/4/2018		Correction	shell	internal	
10.1.089	5/4/2018		Correction	masses	utility	FRIB mass converter
10.1.090	5/22/2018		Development	Configuration	ANL	Creation of AIRIS (Argonne In-Flight Radioactive Ion Separator) configuration

10.1.093	7/13/2018	Development	Excel	ReactionMechanism	FRACS in LISE_Excel
10.1.094	7/13/2018	Modification	utility	plots	Optimum target plot : modifications for Secondary reactions
10.1.095	7/13/2018	Modification	shell	isotopes	Isotopes -- default table was modified for UNEDFO
10.1.096	7/13/2018	Correction	shell	isotopes	Isotopes -- search unknown
10.1.097	7/13/2018	Development	Rates	Batch Mode	Batch mode - SuperBatch mode
10.1.098	7/13/2018	Development	Rates	Batch Mode	Batch mode - upper threshold on Brho1 in Optimum target plot
10.1.099	7/13/2018	Development	Rates	Batch Mode	Batch mode - update for input list
10.1.100	7/19/2018	Development	RF kicker		RF-kicker : selected block for optimization
10.1.101	7/19/2018	Development	RF kicker		RF-kicker : S & E properties
10.1.102	7/19/2018	Correction	utility	Kinematic Calculator	Kinematic Calculator: Gamma & neutron as residues Case
10.1.103	8/15/2018	Update	shell	Option	Option to show isomers in the table of nuclides ("Isotope dialog")
10.1.104	8/15/2018	Update	shell	frame-optics	Show COSY-symbol for COSY-map linked blocks in the Setup window
10.1.105	8/15/2018	Development	utility-optics	utility	Option to calculate separately upstream and downstream blocks in the dipole and Wien dialogs
10.1.106	8/15/2018	Correction	optics	Quad field plots	Quad field values scaling in the case of COSY-linked blocks
10.1.108	10/8/2018	Update	shell	option	Option to show isomers in the table of nuclides in the Isotope decay analysis dialog
10.1.109	10/8/2018	Modification	shell	directory	Change of CmCallSecondaryCalculations() location in TransAll
10.1.110	10/8/2018	Development	utility	dialog	Gas mixture density option, reduced molar mass
10.1.111	10/8/2018	Correction	MC	directory	MC output file - for integer values (Z,N,q)
10.1.115	10/17/2018	Modification	shell	Gas mixture	Gas mixture writing to file
10.1.116	10/17/2018	Modification	shell	internal	LISE++ local "string" library
10.1.117	10/17/2018	Correction	utility-optics	utility	Matrix view utility for multipoles
10.1.118	10/17/2018	Correction	transmission	wedge	custom dergaded properties calculation
10.1.119	10/17/2018	Correction	transmission	wedge	Wedge properties calculation regarding to upstream Faraday-cup
10.1.120	10/17/2018	Correction	transmission	plots	Brho- and Wedge- plots for beam-upstream Faraday-cup
10.1.121	10/17/2018	Correction	utility	plots	Qgg- modification for conjugated neutrons
10.1.122	10/17/2018	Development	utility-A1900	Quad field plots	Quad field strengths plot
10.1.123	10/17/2018	Development	utility	mass-cs-systematics	New dEsn18 systematics
10.1.124	10/17/2018	Update	ReactionMechanism	Two-body	Compound for two-body reaction
10.1.125	10/17/2018	Development	utility-A1900	A1900 settings	Load experimental A1900 settings
10.1.126	10/18/2018	Development	ReactionMechanism	Abrasion-Fission	Determination of LISE AF EERs for high Z isotopes production
10.1.127	10/18/2018	Update	ReactionMechanism	Abrasion-Fission	Selection of fissile nucleus rectangle for Abrasion-Fission
10.1.128	10/31/2018	Modification	shell	frame	Font increase in the configuration panel and the table of nuclides
11.0.000	11/6/2018	Update	AA	dialog	Abrasion-Ablation Excitation dialog (some fields and parameters)
11.0.001	11/5/2018	Update	shell	frame	Version 11
11.0.002	11/9/2018	Modification	shell	frame	Fonts were changed
11.0.003	11/12/2018	Development	AA	plots	Limiting temperature distribution in the excitation energy plot
11.0.004	11/12/2018	Development	AA	plots	RMS(Excitation energy) distribution from Apf in the excitation energy plot
11.0.005	11/12/2018	Development	AA	plots	Excitation energy plots from Z
11.0.006	11/12/2018	Development	utility-A1900	matrix plot	Matrix plot from the utility "Loading A1900 data"
11.0.007	11/12/2018	Development	utility-A1900	Quad field plots	Quad plot update: Scratch and Save(Initial) field distributions
11.0.008	11/12/2018	Development	utility-A1900	Quad field plots	Create Quad scratch distributions from the Optic Envelope dialog and the Loading A1900 data utility
11.0.009	11/14/2018	Update	AA	plots	Excitation energy plots from Z (update)
11.0.010	11/26/2018	Development	AA	ReactionMechanism	Apply Limiting Temperature for excitation energy
11.0.011	11/28/2018	Development	AA	ReactionMechanism	Apply Limiting Temperature for excitation energy distributions
11.0.012	11/28/2018	Correction	shell	directory	Do not forget doubling LISE_Global.dll in installation package
11.0.013	12/5/2018	Correction	MC	plots	Bug in FissionMC plot case
11.0.013	12/5/2018	Correction	utility-optics	COSY	sign for COSY blocks after Faraday
11.0.013	12/5/2018	Update	MC	ReactionMechanism	new RB in MC fission dialog
11.0.014	12/6/2018	Correction	shell	plots	Qgg vs CS plots : correction -- only 1D option
11.0.015	12/7/2018	Update	Excel	PID	PID resolution calculator update or Z(A,q) method
11.0.016	12/11/2018	Correction	utility	Kinematic Calculator	Kinematics calculator -> 2D fragment MC plot : bug for CMS velocities has been fixed
11.0.017	12/13/2018	Update	ReactionMechanism	plots	Abrasion-Fission TKE plots : option to plot all excitation energy region distributions together
11.0.018	12/14/2018	Update	ReactionMechanism	plots	Abrasion-Fission CS plots : option to plot all excitation energy region distributions together
11.0.019	12/14/2018	Development	ReactionMechanism	plots	Fission -- new feature : V-plot
11.0.020	1/8/2019	Modification	ReactionMechanism	results	Modification for ApfLimitingTemperature procedure
11.0.021	1/20/2019	Development	Initial Fissile Nuclei		Fissile Nuclei analysis -- start point
11.0.022	1/24/2019	Modification	shell	directory	Modification: Output result file
11.0.023	1/24/2019	Modification	shell	directory	Modification: Output result file summarized by reaction for A,Z,q + total transmission
11.0.024	2/1/2019	Update	shell	help	Beam length documentation link from LISE++
11.0.025	2/4/2019	Correction	Excel	PID	LISE for Excel -> PID resolution calculator -> correction for d_gamma
11.0.026	2/12/2019	Development	Initial Fissile Nuclei		Fissile Nuclei analysis -- 2nd step
11.0.027	2/15/2019	Development	Initial Fissile Nuclei		Fissile Nuclei analysis -- 2a step; WGauge modifications /// crush was due to memory overflow cause of using
11.0.028	2/16/2019	Development	Initial Fissile Nuclei		Fissile Nuclei analysis -- finish 3point mode
11.0.029	2/18/2019	Modification	plots		Lef & Right sigma modifications
11.0.030	2/19/2019	Development	Initial Fissile Nuclei		Fissile Nuclei analysis -- using median and sign variations
11.0.031	2/20/2019	Development	Initial Fissile Nuclei		Fissile Nuclei analysis -- Batch mode
11.0.032	2/20/2019	Development	Initial Fissile Nuclei		Fissile Nuclei analysis -- choose of value to show (mean, prob, median)
11.0.033	2/21/2019	Development	Initial Fissile Nuclei		Fissile Nuclei analysis -- output format, primive_sigma modifications
11.0.034	2/21/2019	Development	Initial Fissile Nuclei		Fissile Nuclei analysis -- Coulomb fission
11.0.035	2/22/2019	Modification	MC	result	Modification in timing and length for MC in materials (regular and ISOL cases)
11.0.036	2/22/2019	Development	Initial Fissile Nuclei		Fissile Nuclei analysis -- Coulomb fission checkbox
11.0.037	2/26/2019	Development	Initial Fissile Nuclei		IFN dialog - color; call from regular menu
11.0.038	3/1/2019	Development	Initial Fissile Nuclei		IFN Np=3 correction
11.0.039	3/2/2019	Development	AA minimization		AA minimization start
11.0.040	3/2/2019	Development	AA minimization		The new button "Make items 1-3" in "E" vs sigma matrix calculation" dialog
11.0.041	3/6/2019	Development	AA minimization		"*1" addition on log(chi2) in ChiBox calculations
11.0.042	3/6/2019	Development	AA minimization		AA minimization works
11.0.043	3/7/2019	Development	AA minimization		AA minimization update
11.0.044	3/7/2019	Development	AA minimization		AA minimization update2
11.0.045	3/10/2019	Development	AA minimization		AA minimization update3
11.0.046	3/12/2019	Development	AA minimization		AA minimization -- save @ break
11.0.047	3/12/2019	Update	utility - Range Optimizer	help	Second help button in the Range optimizer utility
11.0.048	3/12/2019	Development	AA minimization		AA minimization -- correction for GlobalFitMode
11.0.049	3/12/2019	Update	utility - Range Optimizer	plots	the Range optimizer utility --- plot for other isotopes
11.0.050	3/14/2019	Update	utility - Range Optimizer	plots	the Range optimizer utility --- plot for other isotopes finished
11.0.051	3/16/2019	Development	AA minimization		AA minimization -- filename modifications
11.0.052	3/16/2019	Correction	masses		Bug with Mass file tabs; Mass file name is kept in Lise file
11.0.053	3/16/2019	Correction	MC	results	Bug with dP/P in MC
11.0.054	4/2/2019	Development	AA	results	Global AA amplitude factor in the EE dialog
11.0.055	4/3/2019	Development	AA minimization		Variation of Global AA amplitude factor in AA&UserCS minimisation
11.0.056	4/4/2019	Modification	optics	optimization	Modification in "Optics optimization"
11.0.057	4/5/2019	Modification	transmission	results	Modification due to spacial distribution broadening in the case of gascell file
11.0.057a	4/9/2019	Modification	Excel	PID	PID resolution in LISE-Excel : design modification
11.0.058	4/13/2019	Development	AA minimization		Thermalization in AA & UserCS minimisation

11.0.059	4/13/2019	1s	Modification	AA	Thermalization	Thermalization Time coef format changed to vaule*1e-22 MeV*s
11.0.060	4/13/2019		Development	AA minimization		AA&UserCS minimisation --- using minimum values as main if user break
11.0.061	4/14/2019		Development	MC fission kinematics		Brho plot in the Kinematic Fission dialog
11.0.062	4/15/2019	1mc	Development	MC fission kinematics		Brho acceptance instead Energy acceptance in the Kinematic Fission dialog
11.0.063	4/15/2019		Development	MC fission kinematics	conjugated particle	conjugated particle plot in the Kinematic Fission dialog
11.0.064	4/16/2019		Development	MC fission kinematics	conjugated particle	conjugated particle plot in the Kinematic Fission dialog : gates on two fragments
11.0.065	4/23/2019		Modification	ETACHA	init	ETACHA initial parameter modifications
11.0.066	4/23/2019		Correction	transmission	results	energy distributions corrections for primary beam without target in the case of charge-state-energy option
11.0.067	4/29/2019		Update	Excel	PID	PID calibration.xls. Access from LISE.exe
11.0.068	5/1/2019		Update	Excel	PID	PID calibration.xls update for A/q-based PID
11.0.069	5/1/2019		Modification	plots	MC pseudo	Pseudo MC plot : special external gauge (M.H.)
11.0.070	5/6/2019		Update	Excel	PID	PID calibration.xls update v2.5
11.0.071	5/6/2019		Correction	shell	help	The "BI" code -- documentation link from dialog, for correction for output path:
11.0.072	5/6/2019		Correction	shell	help	Checking and correction links from the isotope transmission window
11.0.073	5/8/2019	2	Modification	transmission	results	DJM velocity modification --> from momentum to Lorents
11.0.074	5/8/2019		Correction	utility	Kinematic Calculator	Kinematics Calculator -> Breakup dialog -> corrections for negative Qvalue from systematics
11.0.075	5/17/2019		Development	MC fission kinematics	Batch Mode	Kinematics Calculator -> Batch file
11.0.076	5/21/2019		Development	MC fission kinematics	Batch Mode	Kinematics Calculator -> Batch file --> Works!
11.0.077	5/23/2019		Development	MC fission kinematics	Batch Mode	Correction in wedge angle calculation
11.0.078	5/24/2019		Development	MC fission kinematics	Batch Mode	Kinematics Calculator -> Batch file -> Plots
11.0.079	5/28/2019		Development	MC fission kinematics	Batch Mode	Kinematics Calculator -> Batch file -> correction for Z,N final fragment
11.0.079a	5/29/2019		Development	MC fission kinematics	Batch Mode	Kinematics Calculator -> Batch file -> help link from the dialogue
11.0.080	6/4/2019		Development	MC fission kinematics	Batch Mode	Kinematics Calculator -> Batch file -> Modifications against negative TKE and bitmap loading (crash reason?)
11.0.081	6/12/2019		Development	MC fission kinematics	Batch Mode	Kinematics Calculator -> Batch file -> Bug correction
11.0.082	6/14/2019		Update	utility - Range Optimizer	shell	Range optimizer -- quit by escape, dialog combobox modifications
11.0.083	6/26/2019	1	Development	deformation @ Fission		Fission deformation options
11.0.084	6/27/2019	1	Development	deformation @ Fission		Fission deformation options -- option use constant or fit
11.0.085	6/27/2019		Update	shell		Call the fission properties dialog from the Physics Model menu
11.0.086	6/27/2019		Correction	shell	dialog	Closing Gauge window after secondary reactions
11.0.087	7/18/2019	1	Development	deformation @ Fission		Quadrupole deformation at scission : completion
11.0.088	8/2/2019		Correction	shell	dialog	Compensating dipole dialog correction
11.0.089	8/28/2019	2	Development	Universal parameterization		Universal parameterization #2 energy from AA, no more Qg+Surface
11.0.090	8/29/2019	2	Development	Universal parameterization		Universal parameterization modified for high energy
11.0.091	8/29/2019	2	Development	Universal parameterization		Error function modification
11.0.092	8/29/2019	2	Development	Universal parameterization		Update of the table of nuclides for 2018-2019 isotopes; Use UNEDF1 as default for unknown isotopes search
11.0.093	8/29/2019	2	Development	Universal parameterization		New Error function C
11.0.094	8/30/2019	2	Development	Universal parameterization		Search for prefragment -- "b" (more probable) mode - modification
11.0.095	8/31/2019	2	Development	Universal parameterization		Error function modification v2., Universal parameterization energy issue fixed
11.0.096	9/1/2019	2	Development	Universal parameterization		Search for prefragment -- excitation energy from Surface to Ex*=13*dA
11.0.097	9/3/2019	2	Development	Universal parameterization		Search for prefragment -- Modification of N/Z algorithm search
11.1.098	9/3/2019	2	Development	Universal parameterization		prefragment search parameters are writing to file, new default values
11.1.099	9/4/2019	2	Development	Universal parameterization		Universal parameterization modification for "result_factor"
11.1.100	9/5/2019	2	Development	Universal parameterization		Universal parameterization plot modification
11.1.101	9/9/2019	2	Development	Universal parameterization		Search for prefragment -- new method to search : W * CSgeom * factorial
11.1.102	9/9/2019	2	Development	Universal parameterization		prefragment search dialog : excitation energy static windows modification
11.1.103	9/11/2019		Development	masses	plots	Stability+Coulomb plot
11.2.104	9/13/2019	2ma	Update	masses		Mass table revision
11.2.105	9/14/2019		Update	masses	shell	ShowCalc update for user mass table
11.2.106	9/14/2019	1	Modification	masses	directory	New Default Mass Option
11.2.107	9/14/2019		Correction	shell	dialog	Correction in General properties of block for Quad number
11.2.108	9/14/2019		Modification	shell	dialog	Material dialog: Periodic table update
11.2.109	9/14/2019		Development	shell	utility	Periodic table bmp from Material - Periodic table dialog
11.2.110	9/14/2019		Development	shell	utility	Periodic table bmp menu
11.2.111	9/16/2019		Modification	shell	directory	New Prefragment search default parameters, modification of LISE file
11.2.113	9/18/2019		Development	Configuration		New A1900_2019.lcnf, update 2019-options file, revision of A1900 package files
11.2.114	9/19/2019		Modification	Configuration		NSCL extended files directory
11.2.115	9/19/2019		Development	Configuration		FRIB and Argone directories for files and configurations
11.2.116	10/4/2019		Development	Configuration		ARIS configuration has been implemented
11.2.117	10/4/2019		Correction	shell		Close the Wedge angle calculation window after calculation completion
11.2.118	10/4/2019		Modification	Universal parameterization		Checking Universal parameterization model #2 for old version (Marc's remark)
11.2.119	10/4/2019		Correction	utility	dialog	Gas-filled dipole dialog has been corrected
11.2.120	10/8/2019		Correction	plots		Pseudo MonteCarlo: correction for wedge thickness for large X and Y values
11.2.121	10/14/2019		Update	Rates	FRIB rates	Update of FRIB 1.08a (1st year) yields