Falaise - SuperNEMO Demonstrator - List of decay generators (version 1.4)

- Decay version : 1.4

- Decay variant version : 1.0

Name	Description	Group	Class
Ac228	Ac-228 decay	background	genbb::wdecay0
Am241	Am-241 decay	calibration	genbb::wdecay0
Bi207	Bi-207 decay	calibration	genbb::wdecay0
Bi210	Bi-210 decay	background	genbb::wdecay0
Bi212	Bi-212 decay	background	genbb::wdecay0
Bi212_Po212	Bi-212/Po-212 decay	background	genbb::wdecay0
Bi214	Bi-214 decay	background	genbb::wdecay0
Bi214_Po214	Bi-214/Po-214 decay	background	genbb::wdecay0
Ca48.0nubb	Neutrinoless double beta decay of Ca-48, 0nubb(mn)	DBD/Ca48	genbb::wdecay0
Ca48.0nubbM1	Neutrinoless double beta decay of Ca-48, 0nubbM1	DBD/Ca48	genbb::wdecay0
Ca48.0nubbM2	Neutrinoless double beta decay of Ca-48, 0nubbM2	DBD/Ca48	genbb::wdecay0
Ca48.0nubb_rhc_ lambda_0	Neutrinoless double beta decay of Ca-48, 0nubb(rhc-lambda) 0+ -> 0+ {2n}	DBD/Ca48	genbb::wdecay0
Ca48.0nubb_rhc_ lambda_0_2	Neutrinoless double beta decay of Ca-48, 0nubb(rhc-lambda) 0+ -> 0+, 2+ {N*}	DBD/Ca48	genbb::wdecay0
Ca48.2nubb	Two neutrino double beta decay of Ca-48, 2nubb	DBD/Ca48	genbb::wdecay0
Ca48.2nubb_2.9 MeV	Two neutrino double beta decay of Ca-48 (E > 2.9 MeV), 2nubb	DBD/Ca48	genbb::wdecay0
Co60	Co-60 decay	calibration	genbb::wdecay0
Cs137	Cs-137 decay	calibration	genbb::wdecay0
Eu152	Eu-152 decay	background	genbb::wdecay0
Eu154	Eu-154 decay	background	genbb::wdecay0
K40	K-40 decay	background	genbb::wdecay0
Mn54	Mn-54 decay	calibration	genbb::wdecay0
Mo100.0nubb	Neutrinoless double beta decay of Mo-100, 0nubb(mn)	DBD/Mo100	genbb::wdecay0
Mo100.0nubbM1	Neutrinoless double beta decay of Mo-100, 0nubbM1	DBD/Mo100	genbb::wdecay0
Mo100.0nubbM2	Neutrinoless double beta decay of Mo-100, 0nubbM2	DBD/Mo100	genbb::wdecay0
Mo100.0nubb_rhc _lambda_0	Neutrinoless double beta decay of Mo-100, 0nubb(rhc-lambda) 0+ -> 0+ {2n}	DBD/Mo100	genbb::wdecay0
Mo100.0nubb_rhc _lambda_0_2	Neutrinoless double beta decay of Mo-100, 0nubb(rhc-lambda) 0+ -> 0+, 2+ {N*}	DBD/Mo100	genbb::wdecay0
Mo100.2nubb	Two neutrino double beta decay of Mo-100, 2nubb	DBD/Mo100	genbb::wdecay0
Na22	Na-22 decay	calibration	genbb::wdecay0
Nd150.0nubb	Neutrinoless double beta decay of Nd-150, 0nubb(mn)	DBD/Nd150	genbb::wdecay0
Nd150.0nubbM1	Neutrinoless double beta decay of Nd-150, 0nubbM1	DBD/Nd150	genbb::wdecay0
Nd150.0nubbM2	Neutrinoless double beta decay of Nd-150, 0nubbM2	DBD/Nd150	genbb::wdecay0
Nd150.0nubb_rhc _lambda_0	Neutrinoless double beta decay of Nd-150, 0nubb(rhc-lambda) 0+ -> 0+ {2n}	DBD/Nd150	genbb::wdecay0
Nd150.0nubb_rhc _lambda_0_2	Neutrinoless double beta decay of Nd-150, 0nubb(rhc-lambda) 0+ -> 0+, 2+ {N*}	DBD/Nd150	genbb::wdecay0

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Nd150.2nubb	Two neutrino double beta decay of Nd-150, 2nubb	DBD/Nd150	genbb::wdecay0
Nd150.2nubb_2.2 MeV	Two neutrino double beta decay of Nd-150 (E > 2.2 MeV), 2nubb	DBD/Nd150	genbb::wdecay0
Pa231	Pa-231 decay	background	genbb::wdecay0
Pa234m	Pa-234m decay	background	genbb::wdecay0
Pb210	Pb-210 decay	background	genbb::wdecay0
Pb211	Pb-211 decay	background	genbb::wdecay0
Pb212	Pb-212 decay	background	genbb::wdecay0
Pb214	Pb-214 decay	background	genbb::wdecay0
Ra226	Ra-226 decay	background	genbb::wdecay0
Rh106	Rh106 decay	background	genbb::wdecay0
Se82.0nubb	Neutrinoless double beta decay of Se-82, 0nubb(mn)	DBD/Se82	genbb::wdecay0
Se82.0nubbM1	Neutrinoless double beta decay of Se-82, 0nubbM1	DBD/Se82	genbb::wdecay0
Se82.0nubbM2	Neutrinoless double beta decay of Se-82, 0nubbM2	DBD/Se82	genbb::wdecay0
Se82.0nubb_rhc_lambda_0	Neutrinoless double beta decay of Se-82, 0nubb(rhc-lambda) 0+ -> 0+ {2n}	DBD/Se82	genbb::wdecay0
Se82.0nubb_rhc_lambda_0_2	Neutrinoless double beta decay of Se-82, 0nubb(rhc-lambda) 0+ -> 0+, 2+ {N*}	DBD/Se82	genbb::wdecay0
Se82.2nubb	Two neutrino double beta decay of Se-82, 2nubb	DBD/Se82	genbb::wdecay0
Se82.2nubb_2MeV	Two neutrino double beta decay of Se-82, 2nubb	DBD/Se82	genbb::wdecay0
Sn124.0nubb	Neutrinoless double beta decay of Sn-124, 0nubb(mn)	DBD/Sn124	genbb::wdecay0
Sn124.2nubb	Two neutrino double beta decay of Sn-124, 2nubb	DBD/Sn124	genbb::wdecay0
Sr90	Sr-90 decay	background	genbb::wdecay0
Th234	Th-234 decay	background	genbb::wdecay0
Tl207	Tl-207 decay	background	genbb::wdecay0
Tl208	Tl-208 decay	background	genbb::wdecay0
Y90	Y-90 decay	background	genbb::wdecay0
calibBi207	Bi-207 decay with time slicing	Bi-207 decay with time slicing	genbb::time_slicer_generator
electron.100keV	Electron with monokinetic energy @ 100 keV	miscellaneous	genbb::single_particle_generator
electron.1MeV	Electron with monokinetic energy @ 1 MeV	miscellaneous	genbb::single_particle_generator
electron.200keV	Electron with monokinetic energy @ 200 keV	miscellaneous	genbb::single_particle_generator
electron.20keV	Electron with monokinetic energy @ 20 keV	miscellaneous	genbb::single_particle_generator
electron.2MeV	Electron with monokinetic energy @ 2 MeV	miscellaneous	genbb::single_particle_generator
electron.3MeV	Electron with monokinetic energy @ 3 MeV	miscellaneous	genbb::single_particle_generator
electron.50-2000keV_flat	Electron with energy in the [50keV-2MeV] range	miscellaneous	genbb::single_particle_generator
electron.500keV	Electron with monokinetic energy @ 500 keV	miscellaneous	genbb::single_particle_generator

Name	Description	Group	Class
electron.50keV	Electron with monokinetic energy @ 50 keV	miscellaneous	genbb::single_particle_generator
gamma.100keV	Gamma with monokinetic energy @ 100 keV	miscellaneous	genbb::single_particle_generator
gamma.1MeV	Gamma with monokinetic energy @ 1 MeV	miscellaneous	genbb::single_particle_generator
gamma.20keV	Gamma with monokinetic energy @ 20 keV	miscellaneous	genbb::single_particle_generator
gamma.2615keV	Gamma with monokinetic energy @ 2.615 MeV	miscellaneous	genbb::single_particle_generator
gamma.2MeV	Gamma with monokinetic energy @ 2 MeV	miscellaneous	genbb::single_particle_generator
gamma.500keV	Gamma with monokinetic energy @ 500 keV	miscellaneous	genbb::single_particle_generator
gamma.50keV	Gamma with monokinetic energy @ 50 keV	miscellaneous	genbb::single_particle_generator