Release notes for ENDF/B Development decay sublibrary

January 19, 2018

FAILURE SUMMARY

No FAILURES found!

ERROR SUMMARY

checkr Generic error message: `dec-039_Y_098m1.endf`,

checkr STYPE out of order: `dec-090_Th_230.endf`, `dec-090_Th_232.endf`, `dec-091_Pa_231.endf`, `dec-092_U_232.endf`,
`dec-092_U_234.endf`, `dec-092_U_235.endf`, `dec-092_U_236.endf`, `dec-092_U_238.endf`, `dec-094_Pu_236.endf`, `dec-094_Pu_238.endf`,
`dec-094_Pu_239.endf`, `dec-094_Pu_240.endf`, `dec-094_Pu_244.endf`, `dec-095_Am_241.endf`, `dec-095_Am_243.endf`, `dec-096_Cm_242.endf`,
`dec-096_Cm_244.endf`, `dec-096_Cm_246.endf`, `dec-096_Cm_248.endf`, `dec-098_Cf_249.endf`, `dec-098_Cf_250.endf`,

fizcon A discrete gamma energy is not energetically possible for the given Q value: `dec-003_Li_008.endf`,
`dec-007_N_016.endf`, `dec-015_P_028.endf`, `dec-039_Y_099.endf`, `dec-050_Sn_113.endf`, `dec-070_Yb_164.endf`, `dec-072_Hf_174.endf`,

fizcon A unknown parameter is outside of legal limits: `dec-098_Cf_252.endf`,

fizcon All probability distributions should be normalized to 1, this one isn't.: `dec-028_Ni_072.endf`,
`dec-029_Cu_077.endf`, `dec-030_Zn_074.endf`, `dec-030_Zn_079.endf`, `dec-030_Zn_081.endf`, `dec-031_Ga_079.endf`, `dec-031_Ga_080.endf`,
`dec-031_Ga_081.endf`, `dec-033_As_086.endf`, `dec-033_As_087.endf`, `dec-034_Se_087.endf`, `dec-034_Se_089.endf`, `dec-034_Se_091.endf`,
`dec-035_Br_087.endf`, `dec-035_Br_088.endf`, `dec-035_Br_089.endf`, `dec-035_Br_090.endf`, `dec-035_Br_092.endf`, `dec-036_Kr_095.endf`,
`dec-036_Kr_096.endf`, `dec-037_Rb_091.endf`, `dec-037_Rb_092.endf`, `dec-037_Rb_094.endf`, `dec-037_Rb_095.endf`, `dec-037_Rb_097.endf`,
`dec-037_Rb_099.endf`, `dec-037_Rb_100.endf`, `dec-038_Sr_097.endf`, `dec-038_Sr_098.endf`, `dec-038_Sr_099.endf`, `dec-038_Sr_105.endf`,
`dec-039_Y_105.endf`, `dec-039_Y_108.endf`, `dec-040_Zr_098.endf`, `dec-040_Zr_104.endf`, `dec-040_Zr_105.endf`, `dec-040_Zr_108.endf`,
`dec-041_Nb_104.endf`, `dec-041_Nb_107.endf`, `dec-041_Nb_109.endf`, `dec-042_Mo_109.endf`, `dec-042_Mo_113.endf`, `dec-042_Mo_114.endf`,
`dec-043_Tc_109.endf`, `dec-043_Tc_110.endf`, `dec-043_Tc_111.endf`, `dec-043_Tc_113.endf`, `dec-043_Tc_114.endf`, `dec-043_Tc_116.endf`,
`dec-044_Ru_111.endf`, `dec-044_Ru_115.endf`, `dec-044_Ru_119.endf`, `dec-044_Ru_120.endf`, `dec-045_Rh_116.endf`, `dec-045_Rh_117.endf`,
`dec-045_Rh_119.endf`, `dec-045_Rh_120.endf`, `dec-046_Pd_115.endf`, `dec-046_Pd_117.endf`, `dec-047_Ag_120.endf`, `dec-047_Ag_122.endf`,
`dec-047_Ag_124.endf`, `dec-048_Cd_124.endf`, `dec-049_In_129.endf`, `dec-049_In_131m2.endf`, `dec-050_Sn_131.endf`, `dec-050_Sn_133.endf`,
`dec-050_Sn_134.endf`, `dec-050_Sn_135.endf`, `dec-051_Sb_135.endf`, `dec-052_Te_136.endf`, `dec-052_Te_137.endf`, `dec-053_I_138.endf`,
`dec-053_I_139.endf`, `dec-053_I_140.endf`, `dec-053_I_141.endf`, `dec-053_I_142.endf`, `dec-053_I_143.endf`, `dec-053_I_145.endf`,
`dec-054_Xe_141.endf`, `dec-054_Xe_142.endf`, `dec-055_Cs_141.endf`, `dec-055_Cs_142.endf`, `dec-055_Cs_145.endf`, `dec-055_Cs_147.endf`,
`dec-055_Cs_150.endf`, `dec-056_Ba_144.endf`, `dec-056_Ba_147.endf`, `dec-056_Ba_149.endf`, `dec-056_Ba_150.endf`, `dec-056_Ba_151.endf`,
`dec-056_Ba_153.endf`, `dec-057_La_147.endf`, `dec-057_La_148.endf`, `dec-057_La_152.endf`, `dec-058_Ce_148.endf`, `dec-058_Ce_149.endf`,
`dec-058_Ce_150.endf`, `dec-058_Ce_156.endf`, `dec-059_Pr_156.endf`, `dec-059_Pr_157.endf`, `dec-059_Pr_158.endf`, `dec-060_Nd_155.endf`,
`dec-060_Nd_156.endf`, `dec-060_Nd_160.endf`, `dec-060_Nd_161.endf`, `dec-061_Pm_155.endf`, `dec-062_Sm_158.endf`, `dec-062_Sm_160.endf`,
`dec-062_Sm_161.endf`, `dec-062_Sm_162.endf`, `dec-063_Eu_161.endf`, `dec-063_Eu_162.endf`, `dec-063_Eu_163.endf`, `dec-063_Eu_164.endf`,
`dec-063_Eu_165.endf`, `dec-064_Gd_163.endf`, `dec-064_Gd_164.endf`, `dec-064_Gd_165.endf`,

fizcon At least one gamma ray needed for given source mode: `dec-003_Li_008.endf`, `dec-062_Sm_147.endf`,
`dec-062_Sm_148.endf`, `dec-064_Gd_148.endf`, `dec-064_Gd_150.endf`, `dec-072_Hf_156.endf`, `dec-073_Ta_157m1.endf`, `dec-074_W_158.endf`,
`dec-077_Ir_166.endf`, `dec-078_Pt_167.endf`, `dec-078_Pt_190.endf`, `dec-080_Hg_173.endf`, `dec-081_Tl_179.endf`, `dec-083_Bi_188.endf`,
`dec-084_Po_190.endf`, `dec-084_Po_191m1.endf`, `dec-084_Po_192.endf`, `dec-084_Po_212.endf`, `dec-085_At_212.endf`, `dec-085_At_213.endf`,
`dec-085_At_214.endf`, `dec-085_At_219.endf`, `dec-086_Rn_197.endf`, `dec-086_Rn_198.endf`, `dec-086_Rn_212.endf`, `dec-086_Rn_213.endf`,
`dec-086_Rn_215.endf`, `dec-086_Rn_217.endf`, `dec-087_Fr_201.endf`, `dec-087_Fr_214.endf`, `dec-087_Fr_214m1.endf`, `dec-087_Fr_215.endf`,

dec-087_Fr_218m1.endf, dec-088_Ra_215.endf, dec-088_Ra_217.endf, dec-089_Ac_208.endf, dec-089_Ac_209.endf, dec-089_Ac_215.endf,
dec-089_Ac_216.endf, dec-089_Ac_217.endf, dec-089_Ac_218.endf, dec-089_Ac_219.endf, dec-089_Ac_221.endf, dec-089_Ac_222.endf,
dec-090_Th_210.endf, dec-090_Th_217.endf, dec-090_Th_218.endf, dec-090_Th_222.endf, dec-091_Pa_217.endf, dec-091_Pa_218.endf,
dec-091_Pa_223.endf, dec-091_Pa_225.endf, dec-092_U_219.endf, dec-093_Np_226.endf, dec-102_No_257.endf,

fizcon Bad value of halflife (T1/2) : dec-020_Ca_048.endf, dec-040_Zr_096.endf, dec-042_Mo_100.endf, dec-048_Cd_116.endf,
dec-052_Te_128.endf, dec-060_Nd_150.endf, dec-074_W_180.endf, dec-074_W_186.endf, dec-082_Pb_204.endf,

fizcon Beta spectrum integral too small: dec-002_He_008.endf, dec-005_B_012.endf, dec-007_N_012.endf, dec-019_K_048.endf,
dec-023_V_047.endf, dec-029_Cu_068.endf, dec-029_Cu_072.endf, dec-032_Ge_069.endf, dec-033_As_082.endf, dec-035_Br_077.endf,
dec-035_Br_080.endf, dec-038_Sr_080.endf, dec-038_Sr_085m1.endf, dec-038_Sr_098.endf, dec-039_Y_085m1.endf, dec-041_Nb_100.endf,
dec-044_Ru_094.endf, dec-045_Rh_097m1.endf, dec-045_Rh_100.endf, dec-045_Rh_104.endf, dec-046_Pd_099.endf, dec-047_Ag_114.endf,
dec-047_Ag_120m1.endf, dec-048_Cd_102.endf, dec-048_Cd_107.endf, dec-049_In_116.endf, dec-049_In_128m1.endf,
dec-050_Sn_106.endf, dec-050_Sn_108.endf, dec-051_Sb_118m1.endf, dec-052_Te_117.endf, dec-052_Te_119m1.endf,
dec-053_I_128.endf, dec-055_Cs_140.endf, dec-056_Ba_124.endf, dec-057_La_135.endf, dec-058_Ce_137.endf, dec-059_Pr_128.endf,
dec-059_Pr_150.endf, dec-060_Nd_139m1.endf, dec-064_Gd_144.endf, dec-065_Tb_142.endf, dec-065_Tb_147m1.endf,
dec-065_Tb_148m1.endf, dec-065_Tb_151m1.endf, dec-066_Dy_150.endf, dec-067_Ho_157.endf, dec-067_Ho_159.endf,
dec-067_Ho_170m1.endf, dec-068_Er_163.endf, dec-069_Tm_164.endf, dec-070_Yb_162.endf, dec-070_Yb_165.endf, dec-070_Yb_167.endf,
dec-075_Re_180.endf, dec-078_Pt_184.endf, dec-080_Hg_190.endf, dec-082_Pb_194.endf, dec-082_Pb_196.endf, dec-093_Np_232.endf,

fizcon Energies released in decay not adding up!: dec-001_H_001.endf, dec-001_H_002.endf, dec-002_He_003.endf,
dec-002_He_004.endf, dec-002_He_006.endf, dec-002_He_008.endf, dec-003_Li_006.endf, dec-003_Li_007.endf, dec-003_Li_008.endf,
dec-003_Li_009.endf, dec-004_Be_009.endf, dec-004_Be_010.endf, dec-004_Be_012.endf, dec-005_B_010.endf, dec-005_B_011.endf,
dec-005_B_012.endf, dec-006_C_010.endf, dec-006_C_012.endf, dec-006_C_013.endf, dec-007_N_012.endf, dec-007_N_013.endf,
dec-007_N_014.endf, dec-007_N_015.endf, dec-007_N_016.endf, dec-007_N_017.endf, dec-008_O_014.endf, dec-008_O_015.endf,
dec-008_O_016.endf, dec-008_O_017.endf, dec-008_O_018.endf, dec-008_O_020.endf, dec-009_F_019.endf, dec-009_F_020.endf,
dec-009_F_022.endf, dec-010_Ne_019.endf, dec-010_Ne_020.endf, dec-010_Ne_021.endf, dec-010_Ne_022.endf, dec-010_Ne_023.endf,
dec-010_Ne_026.endf, dec-011_Na_021.endf, dec-011_Na_023.endf, dec-011_Na_024.endf, dec-011_Na_025.endf, dec-011_Na_026.endf,
dec-012_Mg_024.endf, dec-012_Mg_025.endf, dec-012_Mg_026.endf, dec-013_Al_025.endf, dec-013_Al_026m1.endf, dec-013_Al_027.endf,
dec-013_Al_028.endf, dec-014_Si_027.endf, dec-014_Si_028.endf, dec-014_Si_029.endf, dec-014_Si_030.endf, dec-014_Si_032.endf,
dec-015_P_028.endf, dec-015_P_029.endf, dec-015_P_030.endf, dec-015_P_031.endf, dec-015_P_032.endf, dec-015_P_035.endf,
dec-016_S_031.endf, dec-016_S_032.endf, dec-016_S_033.endf, dec-016_S_034.endf, dec-016_S_036.endf, dec-017_Cl_033.endf,
dec-017_Cl_034.endf, dec-017_Cl_035.endf, dec-017_Cl_036.endf, dec-017_Cl_037.endf, dec-018_Ar_035.endf, dec-018_Ar_036.endf,
dec-018_Ar_037.endf, dec-018_Ar_038.endf, dec-018_Ar_040.endf, dec-018_Ar_041.endf, dec-019_K_038.endf, dec-019_K_038m1.endf,
dec-019_K_039.endf, dec-019_K_040.endf, dec-019_K_041.endf, dec-019_K_042.endf, dec-020_Ca_039.endf, dec-020_Ca_040.endf,
dec-020_Ca_042.endf, dec-020_Ca_043.endf, dec-020_Ca_044.endf, dec-020_Ca_049.endf, dec-021_Sc_041.endf, dec-021_Sc_042.endf,
dec-021_Sc_045.endf, dec-021_Sc_049.endf, dec-021_Sc_050m1.endf, dec-022_Ti_046.endf, dec-022_Ti_047.endf, dec-022_Ti_048.endf,
dec-022_Ti_049.endf, dec-022_Ti_050.endf, dec-023_V_046.endf, dec-023_V_048.endf, dec-023_V_051.endf, dec-023_V_052.endf,
dec-024_Cr_046.endf, dec-024_Cr_050.endf, dec-024_Cr_052.endf, dec-024_Cr_053.endf, dec-024_Cr_054.endf, dec-024_Cr_055.endf,
dec-024_Cr_056.endf, dec-025_Mn_050.endf, dec-025_Mn_051.endf, dec-025_Mn_055.endf, dec-025_Mn_068.endf, dec-026_Fe_054.endf,
dec-026_Fe_056.endf, dec-026_Fe_057.endf, dec-026_Fe_058.endf, dec-027_Co_054.endf, dec-027_Co_059.endf, dec-027_Co_072.endf,
dec-027_Co_073.endf, dec-027_Co_074.endf, dec-027_Co_075.endf, dec-028_Ni_058.endf, dec-028_Ni_060.endf, dec-028_Ni_061.endf,
dec-028_Ni_062.endf, dec-028_Ni_063.endf, dec-028_Ni_064.endf, dec-028_Ni_072.endf, dec-028_Ni_073.endf, dec-028_Ni_074.endf,
dec-028_Ni_075.endf, dec-028_Ni_076.endf, dec-028_Ni_077.endf, dec-028_Ni_078.endf, dec-029_Cu_062.endf, dec-029_Cu_063.endf,
dec-029_Cu_065.endf, dec-029_Cu_066.endf, dec-029_Cu_073.endf, dec-029_Cu_074.endf, dec-029_Cu_075.endf, dec-029_Cu_076.endf,
dec-029_Cu_077.endf, dec-029_Cu_078.endf, dec-029_Cu_079.endf, dec-029_Cu_080.endf, dec-029_Cu_081.endf, dec-030_Zn_064.endf,
dec-030_Zn_065.endf, dec-030_Zn_066.endf, dec-030_Zn_067.endf, dec-030_Zn_068.endf, dec-030_Zn_069.endf, dec-030_Zn_074.endf,

dec-030_Zn_079.endf, dec-030_Zn_080.endf, dec-030_Zn_081.endf, dec-030_Zn_082.endf, dec-030_Zn_083.endf, dec-031_Ga_069.endf,

dec-031_Ga_070.endf, dec-031_Ga_071.endf, dec-031_Ga_077.endf, dec-031_Ga_079.endf, dec-031_Ga_080.endf, dec-031_Ga_081.endf,

dec-031_Ga_082.endf, dec-031_Ga_083.endf, dec-031_Ga_084.endf, dec-031_Ga_085.endf, dec-031_Ga_086.endf, dec-032_Ge_070.endf,

dec-032_Ge_072.endf, dec-032_Ge_073.endf, dec-032_Ge_074.endf, dec-032_Ge_076.endf, dec-032_Ge_084.endf, dec-032_Ge_085.endf,

dec-032_Ge_086.endf, dec-032_Ge_087.endf, dec-032_Ge_088.endf, dec-032_Ge_089.endf, dec-033_As_075.endf, dec-033_As_079.endf,

dec-033_As_082.endf, dec-033_As_083.endf, dec-033_As_084.endf, dec-033_As_085.endf, dec-033_As_086.endf, dec-033_As_087.endf,

dec-033_As_088.endf, dec-033_As_089.endf, dec-033_As_090.endf, dec-033_As_091.endf, dec-033_As_092.endf, dec-034_Se_074.endf,

dec-034_Se_076.endf, dec-034_Se_077.endf, dec-034_Se_078.endf, dec-034_Se_079.endf, dec-034_Se_081.endf, dec-034_Se_082.endf,

dec-034_Se_087.endf, dec-034_Se_088.endf, dec-034_Se_089.endf, dec-034_Se_090.endf, dec-034_Se_091.endf, dec-034_Se_092.endf,

dec-034_Se_093.endf, dec-034_Se_094.endf, dec-035_Br_079.endf, dec-035_Br_081.endf, dec-035_Br_084m1.endf, dec-035_Br_087.endf,

dec-035_Br_088.endf, dec-035_Br_089.endf, dec-035_Br_090.endf, dec-035_Br_091.endf, dec-035_Br_092.endf, dec-035_Br_093.endf,

dec-035_Br_094.endf, dec-035_Br_095.endf, dec-035_Br_096.endf, dec-035_Br_097.endf, dec-036_Kr_078.endf, dec-036_Kr_080.endf,

dec-036_Kr_082.endf, dec-036_Kr_083.endf, dec-036_Kr_084.endf, dec-036_Kr_086.endf, dec-036_Kr_092.endf, dec-036_Kr_093.endf,

dec-036_Kr_094.endf, dec-036_Kr_095.endf, dec-036_Kr_096.endf, dec-036_Kr_097.endf, dec-036_Kr_098.endf, dec-036_Kr_099.endf,

dec-036_Kr_100.endf, dec-037_Rb_074.endf, dec-037_Rb_085.endf, dec-037_Rb_086.endf, dec-037_Rb_090.endf, dec-037_Rb_090m1.endf,

dec-037_Rb_091.endf, dec-037_Rb_092.endf, dec-037_Rb_093.endf, dec-037_Rb_094.endf, dec-037_Rb_095.endf, dec-037_Rb_096.endf,

dec-037_Rb_097.endf, dec-037_Rb_098.endf, dec-037_Rb_099.endf, dec-037_Rb_100.endf, dec-037_Rb_101.endf, dec-037_Rb_102.endf,

dec-038_Sr_084.endf, dec-038_Sr_086.endf, dec-038_Sr_087.endf, dec-038_Sr_088.endf, dec-038_Sr_089.endf, dec-038_Sr_093.endf,

dec-038_Sr_095.endf, dec-038_Sr_096.endf, dec-038_Sr_097.endf, dec-038_Sr_098.endf, dec-038_Sr_099.endf, dec-038_Sr_100.endf,

dec-038_Sr_101.endf, dec-038_Sr_102.endf, dec-038_Sr_103.endf, dec-038_Sr_104.endf, dec-038_Sr_105.endf, dec-039_Y_089.endf,

dec-039_Y_090.endf, dec-039_Y_095.endf, dec-039_Y_097.endf, dec-039_Y_097m1.endf, dec-039_Y_098.endf, dec-039_Y_098m1.endf,

dec-039_Y_099.endf, dec-039_Y_100.endf, dec-039_Y_101.endf, dec-039_Y_102.endf, dec-039_Y_102m1.endf, dec-039_Y_103.endf,

dec-039_Y_104.endf, dec-039_Y_105.endf, dec-039_Y_106.endf, dec-039_Y_107.endf, dec-039_Y_108.endf, dec-040_Zr_090.endf,

dec-040_Zr_091.endf, dec-040_Zr_092.endf, dec-040_Zr_094.endf, dec-040_Zr_098.endf, dec-040_Zr_103.endf, dec-040_Zr_104.endf,

dec-040_Zr_105.endf, dec-040_Zr_106.endf, dec-040_Zr_107.endf, dec-040_Zr_108.endf, dec-040_Zr_109.endf, dec-040_Zr_110.endf,

dec-041_Nb_087.endf, dec-041_Nb_087m1.endf, dec-041_Nb_088m1.endf, dec-041_Nb_090.endf, dec-041_Nb_093.endf,

dec-041_Nb_094.endf, dec-041_Nb_097.endf, dec-041_Nb_103.endf, dec-041_Nb_104.endf, dec-041_Nb_104m1.endf, dec-041_Nb_105.endf,

dec-041_Nb_106.endf, dec-041_Nb_107.endf, dec-041_Nb_108.endf, dec-041_Nb_109.endf, dec-041_Nb_110.endf, dec-041_Nb_111.endf,

dec-041_Nb_112.endf, dec-041_Nb_113.endf, dec-042_Mo_092.endf, dec-042_Mo_094.endf, dec-042_Mo_095.endf, dec-042_Mo_096.endf,

dec-042_Mo_097.endf, dec-042_Mo_098.endf, dec-042_Mo_105.endf, dec-042_Mo_106.endf, dec-042_Mo_107.endf, dec-042_Mo_108.endf,

dec-042_Mo_109.endf, dec-042_Mo_111.endf, dec-042_Mo_112.endf, dec-042_Mo_113.endf, dec-042_Mo_114.endf, dec-042_Mo_115.endf,

dec-043_Tc_092.endf, dec-043_Tc_099.endf, dec-043_Tc_100.endf, dec-043_Tc_104.endf, dec-043_Tc_105.endf, dec-043_Tc_106.endf,

dec-043_Tc_107.endf, dec-043_Tc_108.endf, dec-043_Tc_109.endf, dec-043_Tc_110.endf, dec-043_Tc_111.endf, dec-043_Tc_112.endf,

dec-043_Tc_113.endf, dec-043_Tc_114.endf, dec-043_Tc_115.endf, dec-043_Tc_116.endf, dec-043_Tc_117.endf, dec-043_Tc_118.endf,

dec-044_Ru_096.endf, dec-044_Ru_098.endf, dec-044_Ru_099.endf, dec-044_Ru_100.endf, dec-044_Ru_101.endf, dec-044_Ru_102.endf,

dec-044_Ru_104.endf, dec-044_Ru_111.endf, dec-044_Ru_112.endf, dec-044_Ru_114.endf, dec-044_Ru_115.endf, dec-044_Ru_116.endf,

dec-044_Ru_117.endf, dec-044_Ru_118.endf, dec-044_Ru_119.endf, dec-044_Ru_120.endf, dec-045_Rh_103.endf, dec-045_Rh_112.endf,

dec-045_Rh_113.endf, dec-045_Rh_114.endf, dec-045_Rh_115.endf, dec-045_Rh_116.endf, dec-045_Rh_117.endf, dec-045_Rh_118.endf,

dec-045_Rh_119.endf, dec-045_Rh_120.endf, dec-045_Rh_121.endf, dec-045_Rh_122.endf, dec-045_Rh_123.endf, dec-046_Pd_102.endf,

dec-046_Pd_104.endf, dec-046_Pd_105.endf, dec-046_Pd_106.endf, dec-046_Pd_108.endf, dec-046_Pd_109.endf, dec-046_Pd_110.endf,

dec-046_Pd_115.endf, dec-046_Pd_117.endf, dec-046_Pd_119.endf, dec-046_Pd_120.endf, dec-046_Pd_121.endf, dec-046_Pd_122.endf,

dec-046_Pd_123.endf, dec-046_Pd_124.endf, dec-046_Pd_125.endf, dec-046_Pd_126.endf, dec-047_Ag_095m3.endf, dec-047_Ag_107.endf,

dec-047_Ag_109.endf, dec-047_Ag_110.endf, dec-047_Ag_114.endf, dec-047_Ag_117m1.endf, dec-047_Ag_118.endf, dec-047_Ag_118m1.endf,

dec-047_Ag_120.endf, dec-047_Ag_122.endf, dec-047_Ag_122m1.endf, dec-047_Ag_123.endf, dec-047_Ag_124.endf, dec-047_Ag_125.endf,

dec-047_Ag_126.endf, dec-047_Ag_127.endf, dec-047_Ag_128.endf, dec-047_Ag_129.endf, dec-047_Ag_130.endf, dec-048_Cd_106.endf,

dec-048_Cd_108.endf, dec-048_Cd_110.endf, dec-048_Cd_111.endf, dec-048_Cd_112.endf, dec-048_Cd_114.endf, dec-048_Cd_124.endf,

3

dec-048_Cd_126.endf, dec-048_Cd_127.endf, dec-048_Cd_128.endf, dec-048_Cd_129.endf, dec-048_Cd_130.endf, dec-048_Cd_131.endf, dec-048_Cd_132.endf, dec-049_In_113.endf, dec-049_In_114.endf, dec-049_In_116.endf, dec-049_In_122m2.endf, dec-049_In_127m1.endf, dec-049_In_128.endf, dec-049_In_128m1.endf, dec-049_In_129.endf, dec-049_In_129m1.endf, dec-049_In_130.endf, dec-049_In_130m1.endf, dec-049_In_130m2.endf, dec-049_In_131.endf, dec-049_In_131m1.endf, dec-049_In_131m2.endf, dec-049_In_132.endf, dec-049_In_133.endf, dec-049_In_133m1.endf, dec-049_In_134.endf, dec-049_In_135.endf, dec-050_Sn_112.endf, dec-050_Sn_114.endf, dec-050_Sn_115.endf, dec-050_Sn_116.endf, dec-050_Sn_117.endf, dec-050_Sn_118.endf, dec-050_Sn_119.endf, dec-050_Sn_120.endf, dec-050_Sn_122.endf, dec-050_Sn_123m1.endf, dec-050_Sn_124.endf, dec-050_Sn_131.endf, dec-050_Sn_133.endf, dec-050_Sn_134.endf, dec-050_Sn_135.endf, dec-050_Sn_136.endf, dec-050_Sn_137.endf, dec-051_Sb_112.endf, dec-051_Sb_121.endf, dec-051_Sb_123.endf, dec-051_Sb_130m1.endf, dec-051_Sb_134.endf, dec-051_Sb_134m1.endf, dec-051_Sb_135.endf, dec-051_Sb_136.endf, dec-051_Sb_137.endf, dec-051_Sb_138.endf, dec-051_Sb_139.endf, dec-052_Te_106.endf, dec-052_Te_115m1.endf, dec-052_Te_120.endf, dec-052_Te_122.endf, dec-052_Te_123.endf, dec-052_Te_124.endf, dec-052_Te_125.endf, dec-052_Te_126.endf, dec-052_Te_133m1.endf, dec-052_Te_136.endf, dec-052_Te_137.endf, dec-052_Te_138.endf, dec-052_Te_139.endf, dec-052_Te_140.endf, dec-052_Te_141.endf, dec-052_Te_142.endf, dec-053_I_118.endf, dec-053_I_127.endf, dec-053_I_129.endf, dec-053_I_136m1.endf, dec-053_I_137.endf, dec-053_I_138.endf, dec-053_I_139.endf, dec-053_I_140.endf, dec-053_I_141.endf, dec-053_I_142.endf, dec-053_I_143.endf, dec-053_I_144.endf, dec-053_I_145.endf, dec-054_Xe_124.endf, dec-054_Xe_126.endf, dec-054_Xe_128.endf, dec-054_Xe_129.endf, dec-054_Xe_130.endf, dec-054_Xe_131.endf, dec-054_Xe_132.endf, dec-054_Xe_141.endf, dec-054_Xe_142.endf, dec-054_Xe_143.endf, dec-054_Xe_144.endf, dec-054_Xe_145.endf, dec-054_Xe_146.endf, dec-054_Xe_147.endf, dec-055_Cs_130.endf, dec-055_Cs_133.endf, dec-055_Cs_137.endf, dec-055_Cs_140.endf, dec-055_Cs_141.endf, dec-055_Cs_142.endf, dec-055_Cs_143.endf, dec-055_Cs_144.endf, dec-055_Cs_145.endf, dec-055_Cs_146.endf, dec-055_Cs_147.endf, dec-055_Cs_148.endf, dec-055_Cs_149.endf, dec-055_Cs_150.endf, dec-055_Cs_151.endf, dec-056_Ba_130.endf, dec-056_Ba_132.endf, dec-056_Ba_134.endf, dec-056_Ba_135.endf, dec-056_Ba_136.endf, dec-056_Ba_137.endf, dec-056_Ba_138.endf, dec-056_Ba_143.endf, dec-056_Ba_144.endf, dec-056_Ba_145.endf, dec-056_Ba_146.endf, dec-056_Ba_147.endf, dec-056_Ba_148.endf, dec-056_Ba_149.endf, dec-056_Ba_150.endf, dec-056_Ba_151.endf, dec-056_Ba_152.endf, dec-056_Ba_153.endf, dec-057_La_139.endf, dec-057_La_142.endf, dec-057_La_143.endf, dec-057_La_144.endf, dec-057_La_145.endf, dec-057_La_147.endf, dec-057_La_148.endf, dec-057_La_149.endf, dec-057_La_150.endf, dec-057_La_151.endf, dec-057_La_152.endf, dec-057_La_153.endf, dec-057_La_154.endf, dec-057_La_155.endf, dec-058_Ce_136.endf, dec-058_Ce_138.endf, dec-058_Ce_140.endf, dec-058_Ce_145.endf, dec-058_Ce_146.endf, dec-058_Ce_147.endf, dec-058_Ce_148.endf, dec-058_Ce_149.endf, dec-058_Ce_150.endf, dec-058_Ce_151.endf, dec-058_Ce_152.endf, dec-058_Ce_153.endf, dec-058_Ce_154.endf, dec-058_Ce_155.endf, dec-058_Ce_156.endf, dec-058_Ce_157.endf, dec-059_Pr_141.endf, dec-059_Pr_144.endf, dec-059_Pr_146.endf, dec-059_Pr_147.endf, dec-059_Pr_148.endf, dec-059_Pr_148m1.endf, dec-059_Pr_149.endf, dec-059_Pr_151.endf, dec-059_Pr_153.endf, dec-059_Pr_154.endf, dec-059_Pr_155.endf, dec-059_Pr_156.endf, dec-059_Pr_157.endf, dec-059_Pr_158.endf, dec-059_Pr_159.endf, dec-060_Nd_139m1.endf, dec-060_Nd_142.endf, dec-060_Nd_143.endf, dec-060_Nd_144.endf, dec-060_Nd_145.endf, dec-060_Nd_146.endf, dec-060_Nd_148.endf, dec-060_Nd_149.endf, dec-060_Nd_151.endf, dec-060_Nd_153.endf, dec-060_Nd_154.endf, dec-060_Nd_155.endf, dec-060_Nd_156.endf, dec-060_Nd_157.endf, dec-060_Nd_158.endf, dec-060_Nd_159.endf, dec-060_Nd_160.endf, dec-060_Nd_161.endf, dec-061_Pm_134.endf, dec-061_Pm_140.endf, dec-061_Pm_142.endf, dec-061_Pm_145.endf, dec-061_Pm_152.endf, dec-061_Pm_153.endf, dec-061_Pm_154.endf, dec-061_Pm_155.endf, dec-061_Pm_156.endf, dec-061_Pm_157.endf, dec-061_Pm_158.endf, dec-061_Pm_159.endf, dec-061_Pm_160.endf, dec-061_Pm_161.endf, dec-061_Pm_162.endf, dec-062_Sm_144.endf, dec-062_Sm_146.endf, dec-062_Sm_147.endf, dec-062_Sm_148.endf, dec-062_Sm_149.endf, dec-062_Sm_150.endf, dec-062_Sm_152.endf, dec-062_Sm_154.endf, dec-062_Sm_157.endf, dec-062_Sm_158.endf, dec-062_Sm_159.endf, dec-062_Sm_160.endf, dec-062_Sm_161.endf, dec-062_Sm_162.endf, dec-062_Sm_163.endf, dec-062_Sm_164.endf, dec-062_Sm_165.endf, dec-063_Eu_142.endf, dec-063_Eu_147.endf, dec-063_Eu_148.endf, dec-063_Eu_153.endf, dec-063_Eu_154.endf, dec-063_Eu_158.endf, dec-063_Eu_159.endf, dec-063_Eu_161.endf, dec-063_Eu_162.endf, dec-063_Eu_163.endf, dec-063_Eu_164.endf, dec-063_Eu_165.endf, dec-064_Gd_141.endf, dec-064_Gd_148.endf, dec-064_Gd_150.endf, dec-064_Gd_151.endf, dec-064_Gd_152.endf, dec-064_Gd_154.endf, dec-064_Gd_155.endf, dec-064_Gd_156.endf, dec-064_Gd_157.endf, dec-064_Gd_158.endf, dec-064_Gd_161.endf, dec-064_Gd_163.endf, dec-064_Gd_164.endf, dec-064_Gd_165.endf, dec-065_Tb_142.endf, dec-065_Tb_148m1.endf, dec-065_Tb_149m1.endf, dec-065_Tb_151.endf, dec-065_Tb_152.endf, dec-065_Tb_156m1.endf, dec-065_Tb_157.endf, dec-065_Tb_159.endf, dec-066_Dy_148.endf, dec-066_Dy_150.endf, dec-066_Dy_151.endf, dec-066_Dy_152.endf, dec-066_Dy_153.endf, dec-066_Dy_154.endf, dec-066_Dy_155.endf, dec-066_Dy_156.endf, dec-066_Dy_158.endf, dec-066_Dy_160.endf, dec-066_Dy_161.endf, dec-066_Dy_162.endf, dec-066_Dy_163.endf,

dec-066_Dy_164.endf, dec-067_Ho_150m1.endf, dec-067_Ho_153.endf, dec-067_Ho_162.endf, dec-067_Ho_162m1.endf,
dec-067_Ho_163.endf, dec-067_Ho_165.endf, dec-068_Er_145.endf, dec-068_Er_149m1.endf, dec-068_Er_151m1.endf,
dec-068_Er_152.endf, dec-068_Er_153.endf, dec-068_Er_154.endf, dec-068_Er_161.endf, dec-068_Er_162.endf, dec-068_Er_164.endf,
dec-068_Er_166.endf, dec-068_Er_167.endf, dec-068_Er_168.endf, dec-068_Er_170.endf, dec-069_Tm_163.endf, dec-069_Tm_165.endf,
dec-069_Tm_168.endf, dec-069_Tm_169.endf, dec-070_Yb_164.endf, dec-070_Yb_168.endf, dec-070_Yb_169m1.endf, dec-070_Yb_170.endf,
dec-070_Yb_171.endf, dec-070_Yb_172.endf, dec-070_Yb_173.endf, dec-070_Yb_174.endf, dec-070_Yb_176.endf, dec-071_Lu_168m1.endf,
dec-071_Lu_169.endf, dec-071_Lu_172m1.endf, dec-071_Lu_175.endf, dec-072_Hf_156.endf, dec-072_Hf_174.endf, dec-072_Hf_176.endf,
dec-072_Hf_178.endf, dec-072_Hf_179.endf, dec-072_Hf_180.endf, dec-072_Hf_180m1.endf, dec-073_Ta_157m1.endf,
dec-073_Ta_157m2.endf, dec-073_Ta_164.endf, dec-073_Ta_180m1.endf, dec-073_Ta_181.endf, dec-073_Ta_182m1.endf,
dec-074_W_158.endf, dec-074_W_166.endf, dec-074_W_179m1.endf, dec-075_Re_185.endf, dec-076_Os_162.endf, dec-076_Os_183.endf,
dec-076_Os_183m1.endf, dec-076_Os_187.endf, dec-076_Os_188.endf, dec-076_Os_189.endf, dec-076_Os_190.endf, dec-076_Os_192.endf,
dec-077_Ir_177.endf, dec-077_Ir_190m1.endf, dec-077_Ir_191.endf, dec-077_Ir_193.endf, dec-078_Pt_167.endf, dec-078_Pt_168.endf,
dec-078_Pt_184.endf, dec-078_Pt_188.endf, dec-078_Pt_190.endf, dec-078_Pt_192.endf, dec-078_Pt_193.endf, dec-078_Pt_194.endf,
dec-078_Pt_195.endf, dec-078_Pt_196.endf, dec-078_Pt_198.endf, dec-079_Au_175.endf, dec-079_Au_197.endf, dec-079_Au_198.endf,
dec-080_Hg_173.endf, dec-080_Hg_174.endf, dec-080_Hg_175.endf, dec-080_Hg_186.endf, dec-080_Hg_188.endf, dec-080_Hg_195m1.endf,
dec-080_Hg_196.endf, dec-080_Hg_198.endf, dec-080_Hg_199.endf, dec-080_Hg_200.endf, dec-080_Hg_201.endf, dec-080_Hg_202.endf,
dec-080_Hg_204.endf, dec-081_Tl_179.endf, dec-081_Tl_203.endf, dec-081_Tl_204.endf, dec-081_Tl_205.endf, dec-081_Tl_206.endf,
dec-082_Pb_194.endf, dec-082_Pb_202.endf, dec-082_Pb_205.endf, dec-082_Pb_206.endf, dec-082_Pb_207.endf, dec-082_Pb_208.endf,
dec-082_Pb_210.endf, dec-083_Bi_188.endf, dec-083_Bi_196.endf, dec-083_Bi_196m2.endf, dec-083_Bi_210.endf, dec-083_Bi_210m1.endf,
dec-083_Bi_211.endf, dec-083_Bi_212.endf, dec-083_Bi_213.endf, dec-084_Po_190.endf, dec-084_Po_192.endf, dec-084_Po_204.endf,
dec-084_Po_205.endf, dec-084_Po_206.endf, dec-084_Po_207.endf, dec-084_Po_208.endf, dec-084_Po_210.endf, dec-084_Po_211.endf,
dec-084_Po_211m1.endf, dec-084_Po_212.endf, dec-084_Po_212m1.endf, dec-084_Po_213.endf, dec-084_Po_214.endf,
dec-084_Po_215.endf, dec-084_Po_216.endf, dec-084_Po_218.endf, dec-085_At_204.endf, dec-085_At_205.endf, dec-085_At_207.endf,
dec-085_At_208.endf, dec-085_At_209.endf, dec-085_At_211.endf, dec-085_At_212.endf, dec-085_At_212m1.endf, dec-085_At_213.endf,
dec-085_At_214.endf, dec-085_At_215.endf, dec-085_At_216.endf, dec-085_At_217.endf, dec-085_At_218.endf, dec-085_At_219.endf,
dec-085_At_220.endf, dec-086_Rn_196.endf, dec-086_Rn_197.endf, dec-086_Rn_198.endf, dec-086_Rn_207.endf, dec-086_Rn_210.endf,
dec-086_Rn_212.endf, dec-086_Rn_213.endf, dec-086_Rn_215.endf, dec-086_Rn_217.endf, dec-086_Rn_218.endf, dec-086_Rn_219.endf,
dec-086_Rn_220.endf, dec-086_Rn_222.endf, dec-087_Fr_201.endf, dec-087_Fr_208.endf, dec-087_Fr_214.endf, dec-087_Fr_214m1.endf,
dec-087_Fr_215.endf, dec-087_Fr_216.endf, dec-087_Fr_217.endf, dec-087_Fr_219.endf, dec-087_Fr_220.endf, dec-087_Fr_221.endf,
dec-087_Fr_223.endf, dec-087_Fr_229.endf, dec-088_Ra_203.endf, dec-088_Ra_214.endf, dec-088_Ra_215.endf, dec-088_Ra_217.endf,
dec-088_Ra_220.endf, dec-088_Ra_222.endf, dec-088_Ra_223.endf, dec-088_Ra_224.endf, dec-088_Ra_226.endf, dec-089_Ac_207.endf,
dec-089_Ac_208.endf, dec-089_Ac_209.endf, dec-089_Ac_211.endf, dec-089_Ac_213.endf, dec-089_Ac_215.endf, dec-089_Ac_216.endf,
dec-089_Ac_216m1.endf, dec-089_Ac_217.endf, dec-089_Ac_218.endf, dec-089_Ac_219.endf, dec-089_Ac_220.endf, dec-089_Ac_222.endf,
dec-089_Ac_226.endf, dec-090_Th_210.endf, dec-090_Th_213.endf, dec-090_Th_216.endf, dec-090_Th_217.endf, dec-090_Th_218.endf,
dec-090_Th_219.endf, dec-090_Th_222.endf, dec-090_Th_223.endf, dec-090_Th_226.endf, dec-090_Th_227.endf, dec-090_Th_228.endf,
dec-090_Th_229.endf, dec-090_Th_230.endf, dec-090_Th_232.endf, dec-091_Pa_217.endf, dec-091_Pa_219.endf, dec-091_Pa_224.endf,
dec-091_Pa_228.endf, dec-091_Pa_231.endf, dec-091_Pa_234m1.endf, dec-092_U_219.endf, dec-092_U_223.endf, dec-092_U_230.endf,
dec-092_U_232.endf, dec-092_U_233.endf, dec-092_U_234.endf, dec-092_U_235.endf, dec-092_U_235m1.endf, dec-092_U_236.endf,
dec-092_U_238.endf, dec-093_Np_237.endf, dec-094_Pu_236.endf, dec-094_Pu_238.endf, dec-094_Pu_239.endf, dec-094_Pu_240.endf,
dec-094_Pu_241.endf, dec-094_Pu_242.endf, dec-094_Pu_244.endf, dec-095_Am_237.endf, dec-095_Am_238.endf, dec-095_Am_241.endf,
dec-095_Am_242m1.endf, dec-095_Am_243.endf, dec-096_Cm_240.endf, dec-096_Cm_242.endf, dec-096_Cm_244.endf, dec-096_Cm_245.endf,
dec-096_Cm_246.endf, dec-096_Cm_247.endf, dec-096_Cm_248.endf, dec-097_Bk_249.endf, dec-098_Cf_246.endf, dec-098_Cf_248.endf,
dec-098_Cf_249.endf, dec-098_Cf_250.endf, dec-098_Cf_251.endf, dec-098_Cf_252.endf, dec-099_Es_251.endf, dec-099_Es_253.endf,
dec-099_Es_254.endf, dec-100_Fm_252.endf, dec-100_Fm_254.endf, dec-100_Fm_255.endf, dec-100_Fm_257.endf,

fizcon Generic error message: dec-029_Cu_074.endf, dec-029_Cu_081.endf, dec-031_Ga_085.endf, dec-033_As_084.endf,
dec-033_As_091.endf, dec-033_As_092.endf, dec-035_Br_097.endf, dec-036_Kr_092.endf, dec-036_Kr_093.endf, dec-037_Rb_092.endf,

dec-038_Sr_096.endf, dec-039_Y_099.endf, dec-039_Y_102.endf, dec-039_Y_102m1.endf, dec-040_Zr_110.endf, dec-045_Rh_123.endf,
dec-046_Pd_125.endf, dec-046_Pd_126.endf, dec-048_Cd_127.endf, dec-049_In_128.endf, dec-049_In_134.endf, dec-050_Sn_135.endf,
dec-050_Sn_137.endf, dec-051_Sb_134.endf, dec-051_Sb_139.endf, dec-052_Te_142.endf, dec-053_I_145.endf, dec-055_Cs_141.endf,
dec-055_Cs_151.endf, dec-056_Ba_149.endf, dec-058_Ce_148.endf, dec-058_Ce_153.endf, dec-058_Ce_154.endf, dec-059_Pr_153.endf,
dec-059_Pr_154.endf, dec-059_Pr_155.endf, dec-060_Nd_159.endf, dec-061_Pm_159.endf, dec-062_Sm_164.endf, dec-063_Eu_161.endf,
dec-063_Eu_163.endf,

fizcon Illegal value of DRIS encountered: dec-067_Ho_159.endf,

fizcon Isomer flag not set properly: dec-039_Y_098m1.endf,

fizcon Parity set to illegal value: dec-003_Li_010.endf, dec-009_F_024.endf, dec-011_Na_032.endf, dec-015_P_038.endf,
dec-015_P_040.endf, dec-019_K_050.endf, dec-019_K_051.endf, dec-020_Ca_053.endf, dec-021_Sc_054.endf, dec-021_Sc_056.endf,
dec-023_V_059.endf, dec-027_Co_075.endf, dec-028_Ni_073.endf, dec-028_Ni_075.endf, dec-029_Cu_072.endf, dec-029_Cu_075.endf,
dec-030_Zn_079.endf, dec-030_Zn_081.endf, dec-031_Ga_077.endf, dec-031_Ga_080.endf, dec-031_Ga_084.endf, dec-031_Ga_085.endf,
dec-032_Ge_087.endf, dec-033_As_085.endf, dec-033_As_087.endf, dec-034_Se_089.endf, dec-034_Se_093.endf, dec-035_Br_092.endf,
dec-035_Br_093.endf, dec-035_Br_097.endf, dec-037_Rb_098m1.endf, dec-039_Y_100m1.endf, dec-039_Y_101.endf, dec-040_Zr_103.endf,
dec-041_Nb_109.endf, dec-042_Mo_107.endf, dec-042_Mo_109.endf, dec-043_Tc_108.endf, dec-043_Tc_109.endf, dec-043_Tc_110.endf,
dec-043_Tc_111.endf, dec-043_Tc_117.endf, dec-044_Ru_111.endf, dec-045_Rh_092.endf, dec-045_Rh_112.endf, dec-045_Rh_113.endf,
dec-045_Rh_114.endf, dec-045_Rh_115.endf, dec-045_Rh_116.endf, dec-045_Rh_117.endf, dec-045_Rh_119.endf, dec-046_Pd_093.endf,
dec-046_Pd_115.endf, dec-046_Pd_117.endf, dec-047_Ag_118.endf, dec-047_Ag_120.endf, dec-047_Ag_122m1.endf, dec-047_Ag_125.endf,
dec-047_Ag_129.endf, dec-048_Cd_127.endf, dec-048_Cd_129.endf, dec-048_Cd_131.endf, dec-049_In_100.endf, dec-049_In_131.endf,
dec-049_In_131m1.endf, dec-049_In_131m2.endf, dec-049_In_133.endf, dec-049_In_133m1.endf, dec-050_Sn_131.endf,
dec-050_Sn_135.endf, dec-051_Sb_136.endf, dec-051_Sb_137.endf, dec-052_Te_137.endf, dec-052_Te_139.endf, dec-053_I_108.endf,
dec-053_I_114m1.endf, dec-053_I_139.endf, dec-053_I_140.endf, dec-054_Xe_143.endf, dec-054_Xe_147.endf, dec-055_Cs_112.endf,
dec-055_Cs_116m1.endf, dec-055_Cs_118.endf, dec-055_Cs_118m1.endf, dec-055_Cs_144.endf, dec-055_Cs_146.endf,
dec-055_Cs_147.endf, dec-056_Ba_117.endf, dec-057_La_117.endf, dec-057_La_149.endf, dec-058_Ce_123.endf, dec-058_Ce_149.endf,
dec-058_Ce_151.endf, dec-059_Pr_126.endf, dec-059_Pr_130.endf, dec-059_Pr_148m1.endf, dec-059_Pr_154.endf, dec-060_Nd_125.endf,
dec-061_Pm_130.endf, dec-061_Pm_135.endf, dec-061_Pm_152m2.endf, dec-061_Pm_155.endf, dec-061_Pm_157.endf, dec-062_Sm_129.endf,
dec-062_Sm_135.endf, dec-063_Eu_160.endf, dec-064_Gd_137.endf, dec-065_Tb_154.endf, dec-067_Ho_140.endf, dec-067_Ho_142.endf,
dec-070_Yb_149.endf, dec-071_Lu_152.endf, dec-071_Lu_157.endf, dec-071_Lu_182.endf, dec-073_Ta_160m1.endf, dec-073_Ta_176m1.endf,
dec-073_Ta_185m1.endf, dec-074_W_167.endf, dec-075_Re_168.endf, dec-075_Re_169m1.endf, dec-075_Re_172.endf,
dec-075_Re_172m1.endf, dec-077_Ir_173.endf, dec-077_Ir_180.endf, dec-079_Au_177.endf, dec-083_Bi_194m1.endf,
dec-083_Bi_198.endf, dec-083_Bi_212m1.endf, dec-083_Bi_216.endf, dec-085_At_202.endf, dec-085_At_220.endf, dec-087_Fr_206.endf,
dec-088_Ra_207.endf, dec-089_Ac_226.endf, dec-091_Pa_217m1.endf, dec-091_Pa_239.endf, dec-093_Np_231.endf, dec-095_Am_242m2.endf,
dec-098_Cf_245.endf, dec-099_Es_248.endf, dec-099_Es_256.endf,

fizcon RICC must be greater than or equal to RICK + RICL, whatever that means: dec-057_La_142.endf,
dec-062_Sm_159.endf,

fizcon Spin should be ≥ 0.0: dec-003_Li_010.endf, dec-009_F_024.endf, dec-011_Na_032.endf, dec-015_P_038.endf,
dec-015_P_040.endf, dec-019_K_050.endf, dec-019_K_051.endf, dec-020_Ca_053.endf, dec-021_Sc_054.endf, dec-021_Sc_056.endf,
dec-023_V_059.endf, dec-037_Rb_098m1.endf, dec-039_Y_100m1.endf, dec-045_Rh_092.endf, dec-046_Pd_093.endf, dec-049_In_100.endf,
dec-055_Cs_112.endf, dec-055_Cs_116m1.endf, dec-055_Cs_118m1.endf, dec-057_La_117.endf, dec-059_Pr_126.endf,
dec-059_Pr_130.endf, dec-061_Pm_130.endf, dec-061_Pm_135.endf, dec-062_Sm_129.endf, dec-062_Sm_135.endf, dec-067_Ho_140.endf,
dec-067_Ho_142.endf, dec-070_Yb_149.endf, dec-071_Lu_152.endf, dec-071_Lu_157.endf, dec-071_Lu_182.endf, dec-075_Re_168.endf,
dec-075_Re_169m1.endf, dec-077_Ir_173.endf, dec-077_Ir_180.endf, dec-079_Au_177.endf, dec-083_Bi_194m1.endf,
dec-083_Bi_198.endf, dec-083_Bi_212m1.endf, dec-083_Bi_216.endf, dec-085_At_202.endf, dec-087_Fr_206.endf, dec-088_Ra_207.endf,
dec-091_Pa_217m1.endf, dec-095_Am_242m2.endf, dec-098_Cf_245.endf, dec-099_Es_248.endf, dec-099_Es_256.endf,

fizcon Spin should be integral or half integral: dec-003_Li_010.endf, dec-009_F_024.endf, dec-011_Na_032.endf, dec-015_P_038.endf, dec-015_P_040.endf, dec-019_K_050.endf, dec-019_K_051.endf, dec-020_Ca_053.endf, dec-021_Sc_054.endf, dec-021_Sc_056.endf, dec-023_V_059.endf, dec-037_Rb_098m1.endf, dec-039_Y_100m1.endf, dec-045_Rh_092.endf, dec-046_Pd_093.endf, dec-049_In_100.endf, dec-055_Cs_112.endf, dec-055_Cs_116m1.endf, dec-055_Cs_118m1.endf, dec-057_La_117.endf, dec-059_Pr_126.endf, dec-059_Pr_130.endf, dec-061_Pm_130.endf, dec-061_Pm_135.endf, dec-062_Sm_129.endf, dec-062_Sm_135.endf, dec-067_Ho_140.endf, dec-067_Ho_142.endf, dec-070_Yb_149.endf, dec-071_Lu_152.endf, dec-071_Lu_157.endf, dec-071_Lu_182.endf, dec-075_Re_168.endf, dec-075_Re_169m1.endf, dec-077_Ir_173.endf, dec-077_Ir_180.endf, dec-079_Au_177.endf, dec-083_Bi_194m1.endf, dec-083_Bi_198.endf, dec-083_Bi_212m1.endf, dec-083_Bi_216.endf, dec-085_At_202.endf, dec-087_Fr_206.endf, dec-088_Ra_207.endf, dec-091_Pa_217m1.endf, dec-095_Am_242m2.endf, dec-098_Cf_245.endf, dec-099_Es_248.endf, dec-099_Es_256.endf,

fizcon This message would be more descriptive if I knew what FT meant: dec-002_He_008.endf, dec-005_B_012.endf, dec-007_N_012.endf, dec-019_K_048.endf, dec-023_V_047.endf, dec-029_Cu_068.endf, dec-029_Cu_072.endf, dec-032_Ge_069.endf, dec-033_As_082.endf, dec-035_Br_077.endf, dec-035_Br_080.endf, dec-038_Sr_080.endf, dec-038_Sr_085m1.endf, dec-038_Sr_098.endf, dec-039_Y_085m1.endf, dec-041_Nb_100.endf, dec-044_Ru_094.endf, dec-045_Rh_097m1.endf, dec-045_Rh_100.endf, dec-045_Rh_104.endf, dec-046_Pd_099.endf, dec-047_Ag_114.endf, dec-047_Ag_120m1.endf, dec-048_Cd_102.endf, dec-048_Cd_107.endf, dec-049_In_116.endf, dec-049_In_128m1.endf, dec-050_Sn_106.endf, dec-050_Sn_108.endf, dec-051_Sb_118m1.endf, dec-052_Te_117.endf, dec-052_Te_119m1.endf, dec-053_I_128.endf, dec-055_Cs_140.endf, dec-056_Ba_124.endf, dec-057_La_135.endf, dec-058_Ce_137.endf, dec-059_Pr_128.endf, dec-059_Pr_150.endf, dec-060_Nd_139m1.endf, dec-064_Gd_144.endf, dec-065_Tb_142.endf, dec-065_Tb_147m1.endf, dec-065_Tb_148m1.endf, dec-065_Tb_151m1.endf, dec-066_Dy_150.endf, dec-067_Ho_157.endf, dec-067_Ho_159.endf, dec-067_Ho_170m1.endf, dec-068_Er_163.endf, dec-069_Tm_164.endf, dec-070_Yb_162.endf, dec-070_Yb_165.endf, dec-070_Yb_167.endf, dec-075_Re_180.endf, dec-078_Pt_184.endf, dec-080_Hg_190.endf, dec-082_Pb_194.endf, dec-082_Pb_196.endf, dec-093_Np_232.endf,

fizcon Uncertainty on discrete radiation intensity (RI) bigger than RI itself, or worse, it is negative!!!: dec-033_As_082.endf, dec-035_Br_089.endf, dec-037_Rb_093.endf, dec-055_Cs_142.endf, dec-057_La_144.endf,

fudge-4.0 Generic error message: dec-029_Cu_081.endf, dec-031_Ga_085.endf, dec-033_As_091.endf, dec-033_As_092.endf, dec-035_Br_097.endf, dec-049_In_134.endf, dec-050_Sn_135.endf, dec-050_Sn_137.endf, dec-051_Sb_139.endf,

WARNING SUMMARY

fizcon FIZCON apparently has a bug in its calculation of log(FT) values that causes it to have trouble with nearly stable nuclei: dec-000_Nn_001.endf, dec-075_Re_187.endf, dec-088_Ra_228.endf, dec-089_Ac_227.endf,

fizcon Some spectrum is missing. If you can generate it, it would be good since ENDF requires this even if we can't evaluate it.: dec-001_H_001.endf, dec-001_H_002.endf, dec-001_H_004.endf, dec-001_H_005.endf, dec-001_H_006.endf, dec-001_H_007.endf, dec-002_He_003.endf, dec-002_He_004.endf, dec-002_He_005.endf, dec-002_He_007.endf, dec-002_He_009.endf, dec-002_He_010.endf, dec-003_Li_004.endf, dec-003_Li_005.endf, dec-003_Li_006.endf, dec-003_Li_007.endf, dec-003_Li_010.endf, dec-003_Li_011.endf, dec-003_Li_012.endf, dec-004_Be_005.endf, dec-004_Be_006.endf, dec-004_Be_008.endf, dec-004_Be_009.endf, dec-004_Be_011.endf, dec-004_Be_013.endf, dec-004_Be_014.endf, dec-004_Be_015.endf, dec-004_Be_016.endf, dec-005_B_006.endf, dec-005_B_007.endf, dec-005_B_008.endf, dec-005_B_009.endf, dec-005_B_010.endf, dec-005_B_011.endf, dec-005_B_015.endf, dec-005_B_016.endf, dec-005_B_017.endf, dec-005_B_018.endf, dec-005_B_019.endf, dec-006_C_008.endf, dec-006_C_009.endf, dec-006_C_012.endf, dec-006_C_013.endf, dec-006_C_016.endf, dec-006_C_017.endf, dec-006_C_018.endf, dec-006_C_019.endf, dec-006_C_020.endf, dec-006_C_021.endf, dec-006_C_022.endf, dec-007_N_010.endf, dec-007_N_011.endf, dec-007_N_014.endf, dec-007_N_015.endf, dec-007_N_018.endf, dec-007_N_019.endf, dec-007_N_020.endf, dec-007_N_021.endf, dec-007_N_022.endf, dec-007_N_023.endf, dec-007_N_024.endf, dec-007_N_025.endf, dec-008_O_012.endf, dec-008_O_013.endf, dec-008_O_016.endf, dec-008_O_017.endf, dec-008_O_018.endf, dec-008_O_022.endf, dec-008_O_023.endf, dec-008_O_024.endf, dec-008_O_025.endf, dec-008_O_026.endf, dec-008_O_027.endf, dec-008_O_028.endf, dec-009_F_014.endf, dec-009_F_015.endf, dec-009_F_016.endf, dec-009_F_019.endf, dec-009_F_023.endf, dec-009_F_024.endf, dec-009_F_025.endf, dec-009_F_026.endf,

dec-009_F_027.endf, dec-009_F_028.endf, dec-009_F_029.endf, dec-009_F_030.endf, dec-009_F_031.endf, dec-010_Ne_016.endf,

dec-010_Ne_017.endf, dec-010_Ne_020.endf, dec-010_Ne_021.endf, dec-010_Ne_022.endf, dec-010_Ne_027.endf, dec-010_Ne_028.endf,

dec-010_Ne_029.endf, dec-010_Ne_030.endf, dec-010_Ne_031.endf, dec-010_Ne_032.endf, dec-010_Ne_033.endf, dec-010_Ne_034.endf,

dec-011_Na_018.endf, dec-011_Na_019.endf, dec-011_Na_020.endf, dec-011_Na_023.endf, dec-011_Na_029.endf, dec-011_Na_030.endf,

dec-011_Na_031.endf, dec-011_Na_032.endf, dec-011_Na_033.endf, dec-011_Na_034.endf, dec-011_Na_035.endf, dec-011_Na_036.endf,

dec-011_Na_037.endf, dec-012_Mg_019.endf, dec-012_Mg_020.endf, dec-012_Mg_021.endf, dec-012_Mg_024.endf, dec-012_Mg_025.endf,

dec-012_Mg_026.endf, dec-012_Mg_030.endf, dec-012_Mg_031.endf, dec-012_Mg_032.endf, dec-012_Mg_033.endf, dec-012_Mg_034.endf,

dec-012_Mg_035.endf, dec-012_Mg_036.endf, dec-012_Mg_037.endf, dec-012_Mg_038.endf, dec-012_Mg_039.endf, dec-012_Mg_040.endf,

dec-013_Al_021.endf, dec-013_Al_022.endf, dec-013_Al_023.endf, dec-013_Al_024m1.endf, dec-013_Al_027.endf, dec-013_Al_033.endf,

dec-013_Al_034.endf, dec-013_Al_035.endf, dec-013_Al_036.endf, dec-013_Al_037.endf, dec-013_Al_038.endf, dec-013_Al_039.endf,

dec-013_Al_040.endf, dec-013_Al_041.endf, dec-013_Al_042.endf, dec-014_Si_022.endf, dec-014_Si_023.endf, dec-014_Si_024.endf,

dec-014_Si_025.endf, dec-014_Si_028.endf, dec-014_Si_029.endf, dec-014_Si_030.endf, dec-014_Si_034.endf, dec-014_Si_036.endf,

dec-014_Si_037.endf, dec-014_Si_038.endf, dec-014_Si_039.endf, dec-014_Si_040.endf, dec-014_Si_041.endf, dec-014_Si_042.endf,

dec-014_Si_043.endf, dec-014_Si_044.endf, dec-015_P_024.endf, dec-015_P_025.endf, dec-015_P_026.endf, dec-015_P_027.endf,

dec-015_P_031.endf, dec-015_P_037.endf, dec-015_P_038.endf, dec-015_P_039.endf, dec-015_P_040.endf, dec-015_P_041.endf,

dec-015_P_042.endf, dec-015_P_043.endf, dec-015_P_044.endf, dec-015_P_045.endf, dec-015_P_046.endf, dec-016_S_026.endf,

dec-016_S_027.endf, dec-016_S_028.endf, dec-016_S_029.endf, dec-016_S_032.endf, dec-016_S_033.endf, dec-016_S_034.endf,

dec-016_S_036.endf, dec-016_S_041.endf, dec-016_S_042.endf, dec-016_S_043.endf, dec-016_S_044.endf, dec-016_S_045.endf,

dec-016_S_046.endf, dec-016_S_048.endf, dec-016_S_049.endf, dec-017_Cl_028.endf, dec-017_Cl_029.endf, dec-017_Cl_030.endf,

dec-017_Cl_031.endf, dec-017_Cl_032.endf, dec-017_Cl_035.endf, dec-017_Cl_037.endf, dec-017_Cl_041.endf, dec-017_Cl_042.endf,

dec-017_Cl_043.endf, dec-017_Cl_044.endf, dec-017_Cl_045.endf, dec-017_Cl_046.endf, dec-017_Cl_047.endf, dec-017_Cl_048.endf,

dec-017_Cl_049.endf, dec-017_Cl_050.endf, dec-017_Cl_051.endf, dec-018_Ar_030.endf, dec-018_Ar_031.endf, dec-018_Ar_032.endf,

dec-018_Ar_033.endf, dec-018_Ar_036.endf, dec-018_Ar_038.endf, dec-018_Ar_040.endf, dec-018_Ar_048.endf, dec-018_Ar_049.endf,

dec-018_Ar_050.endf, dec-018_Ar_051.endf, dec-018_Ar_052.endf, dec-018_Ar_053.endf, dec-019_K_032.endf, dec-019_K_033.endf,

dec-019_K_034.endf, dec-019_K_039.endf, dec-019_K_041.endf, dec-019_K_049.endf, dec-019_K_050.endf, dec-019_K_051.endf,

dec-019_K_052.endf, dec-019_K_053.endf, dec-019_K_054.endf, dec-019_K_055.endf, dec-020_Ca_034.endf, dec-020_Ca_035.endf,

dec-020_Ca_036.endf, dec-020_Ca_037.endf, dec-020_Ca_040.endf, dec-020_Ca_042.endf, dec-020_Ca_043.endf, dec-020_Ca_044.endf,

dec-020_Ca_046.endf, dec-020_Ca_048.endf, dec-020_Ca_052.endf, dec-020_Ca_053.endf, dec-020_Ca_054.endf, dec-020_Ca_055.endf,

dec-020_Ca_056.endf, dec-020_Ca_057.endf, dec-021_Sc_036.endf, dec-021_Sc_037.endf, dec-021_Sc_038.endf, dec-021_Sc_039.endf,

dec-021_Sc_045.endf, dec-021_Sc_053.endf, dec-021_Sc_054.endf, dec-021_Sc_055.endf, dec-021_Sc_056.endf, dec-021_Sc_057.endf,

dec-021_Sc_058.endf, dec-021_Sc_059.endf, dec-021_Sc_060.endf, dec-022_Ti_038.endf, dec-022_Ti_039.endf, dec-022_Ti_040.endf,

dec-022_Ti_041.endf, dec-022_Ti_046.endf, dec-022_Ti_047.endf, dec-022_Ti_048.endf, dec-022_Ti_049.endf, dec-022_Ti_050.endf,

dec-022_Ti_054.endf, dec-022_Ti_056.endf, dec-022_Ti_057.endf, dec-022_Ti_058.endf, dec-022_Ti_059.endf, dec-022_Ti_060.endf,

dec-022_Ti_061.endf, dec-022_Ti_062.endf, dec-022_Ti_063.endf, dec-023_V_040.endf, dec-023_V_041.endf, dec-023_V_042.endf,

dec-023_V_043.endf, dec-023_V_051.endf, dec-023_V_056.endf, dec-023_V_057.endf, dec-023_V_058.endf, dec-023_V_059.endf,

dec-023_V_060.endf, dec-023_V_061.endf, dec-023_V_062.endf, dec-023_V_063.endf, dec-023_V_064.endf, dec-023_V_065.endf,

dec-024_Cr_042.endf, dec-024_Cr_043.endf, dec-024_Cr_044.endf, dec-024_Cr_045.endf, dec-024_Cr_050.endf, dec-024_Cr_052.endf,

dec-024_Cr_053.endf, dec-024_Cr_054.endf, dec-024_Cr_058.endf, dec-024_Cr_059.endf, dec-024_Cr_060.endf, dec-024_Cr_061.endf,

dec-024_Cr_062.endf, dec-024_Cr_063.endf, dec-024_Cr_064.endf, dec-024_Cr_065.endf, dec-024_Cr_066.endf, dec-024_Cr_067.endf,

dec-025_Mn_044.endf, dec-025_Mn_045.endf, dec-025_Mn_046.endf, dec-025_Mn_047.endf, dec-025_Mn_048.endf, dec-025_Mn_050m1.endf,

dec-025_Mn_055.endf, dec-025_Mn_060m1.endf, dec-025_Mn_062m1.endf, dec-025_Mn_063.endf, dec-025_Mn_064.endf,

dec-025_Mn_065.endf, dec-025_Mn_066.endf, dec-025_Mn_067.endf, dec-025_Mn_069.endf, dec-026_Fe_045.endf, dec-026_Fe_046.endf,

dec-026_Fe_047.endf, dec-026_Fe_048.endf, dec-026_Fe_049.endf, dec-026_Fe_050.endf, dec-026_Fe_054.endf, dec-026_Fe_056.endf,

dec-026_Fe_057.endf, dec-026_Fe_058.endf, dec-026_Fe_066.endf, dec-026_Fe_067.endf, dec-026_Fe_068.endf, dec-026_Fe_069.endf,

dec-026_Fe_070.endf, dec-026_Fe_071.endf, dec-026_Fe_072.endf, dec-027_Co_049.endf, dec-027_Co_050.endf, dec-027_Co_051.endf,

dec-027_Co_052.endf, dec-027_Co_053m1.endf, dec-027_Co_059.endf, dec-027_Co_062m1.endf, dec-027_Co_068m1.endf,

dec-027_Co_069.endf, dec-027_Co_070.endf, dec-027_Co_070m1.endf, dec-027_Co_071.endf, dec-028_Ni_048.endf, dec-028_Ni_049.endf, dec-028_Ni_050.endf, dec-028_Ni_051.endf, dec-028_Ni_052.endf, dec-028_Ni_053.endf, dec-028_Ni_054.endf, dec-028_Ni_058.endf, dec-028_Ni_060.endf, dec-028_Ni_061.endf, dec-028_Ni_062.endf, dec-028_Ni_064.endf, dec-028_Ni_068.endf, dec-028_Ni_069m1.endf, dec-028_Ni_070.endf, dec-028_Ni_071.endf, dec-029_Cu_052.endf, dec-029_Cu_053.endf, dec-029_Cu_054.endf, dec-029_Cu_055.endf, dec-029_Cu_056.endf, dec-029_Cu_063.endf, dec-029_Cu_065.endf, dec-029_Cu_068m1.endf, dec-029_Cu_070m1.endf, dec-029_Cu_070m2.endf, dec-029_Cu_071.endf, dec-029_Cu_076m1.endf, dec-030_Zn_054.endf, dec-030_Zn_055.endf, dec-030_Zn_056.endf, dec-030_Zn_057.endf, dec-030_Zn_058.endf, dec-030_Zn_061m1.endf, dec-030_Zn_061m2.endf, dec-030_Zn_064.endf, dec-030_Zn_066.endf, dec-030_Zn_067.endf, dec-030_Zn_068.endf, dec-030_Zn_070.endf, dec-030_Zn_073m1.endf, dec-030_Zn_073m2.endf, dec-030_Zn_077m1.endf, dec-031_Ga_056.endf, dec-031_Ga_057.endf, dec-031_Ga_058.endf, dec-031_Ga_059.endf, dec-031_Ga_061.endf, dec-031_Ga_069.endf, dec-031_Ga_071.endf, dec-031_Ga_072m1.endf, dec-032_Ge_058.endf, dec-032_Ge_059.endf, dec-032_Ge_060.endf, dec-032_Ge_061.endf, dec-032_Ge_062.endf, dec-032_Ge_063.endf, dec-032_Ge_064.endf, dec-032_Ge_065.endf, dec-032_Ge_067.endf, dec-032_Ge_070.endf, dec-032_Ge_072.endf, dec-032_Ge_073.endf, dec-032_Ge_074.endf, dec-032_Ge_076.endf, dec-033_As_060.endf, dec-033_As_061.endf, dec-033_As_062.endf, dec-033_As_063.endf, dec-033_As_064.endf, dec-033_As_065.endf, dec-033_As_066.endf, dec-033_As_075.endf, dec-034_Se_065.endf, dec-034_Se_066.endf, dec-034_Se_067.endf, dec-034_Se_068.endf, dec-034_Se_074.endf, dec-034_Se_076.endf, dec-034_Se_077.endf, dec-034_Se_078.endf, dec-034_Se_080.endf, dec-034_Se_082.endf, dec-035_Br_067.endf, dec-035_Br_068.endf, dec-035_Br_069.endf, dec-035_Br_070.endf, dec-035_Br_070m1.endf, dec-035_Br_071.endf, 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dec-044_Ru_113m1.endf, dec-045_Rh_089.endf, dec-045_Rh_090.endf, dec-045_Rh_090m1.endf, dec-045_Rh_091.endf, dec-045_Rh_092.endf, dec-045_Rh_093.endf, dec-045_Rh_095.endf, dec-045_Rh_095m1.endf, dec-045_Rh_096.endf, dec-045_Rh_096m1.endf, dec-045_Rh_098m1.endf, dec-045_Rh_099.endf, dec-045_Rh_099m1.endf, dec-045_Rh_100m1.endf, dec-045_Rh_103.endf, dec-045_Rh_108m1.endf, dec-046_Pd_091.endf, dec-046_Pd_092.endf, dec-046_Pd_093.endf, dec-046_Pd_094.endf, dec-046_Pd_095.endf, dec-046_Pd_095m1.endf, dec-046_Pd_102.endf, dec-046_Pd_104.endf, dec-046_Pd_105.endf, dec-046_Pd_106.endf, dec-046_Pd_108.endf, dec-046_Pd_110.endf, dec-046_Pd_115m1.endf, dec-047_Ag_093.endf, dec-047_Ag_094.endf, dec-047_Ag_094m1.endf, dec-047_Ag_094m2.endf, dec-047_Ag_095.endf, dec-047_Ag_096.endf, dec-047_Ag_096m1.endf, dec-047_Ag_099.endf, dec-047_Ag_099m1.endf, dec-047_Ag_100.endf, dec-047_Ag_100m1.endf, dec-047_Ag_101m1.endf, dec-047_Ag_102m1.endf, dec-047_Ag_103m1.endf, dec-047_Ag_104m1.endf, dec-047_Ag_107.endf, dec-047_Ag_109.endf, dec-047_Ag_119m1.endf, dec-048_Cd_095.endf, dec-048_Cd_096.endf, dec-048_Cd_097.endf, dec-048_Cd_099.endf, dec-048_Cd_103.endf, dec-048_Cd_104.endf, dec-048_Cd_105.endf, dec-048_Cd_106.endf, dec-048_Cd_108.endf, dec-048_Cd_110.endf, dec-048_Cd_111.endf, dec-048_Cd_112.endf, dec-048_Cd_114.endf, dec-048_Cd_116.endf, dec-049_In_097.endf, dec-049_In_098.endf, dec-049_In_098m1.endf, dec-049_In_099.endf, dec-049_In_100.endf, dec-049_In_101.endf, dec-049_In_103.endf, dec-049_In_103m1.endf, dec-049_In_104.endf, dec-049_In_104m1.endf, dec-049_In_106.endf, dec-049_In_106m1.endf, dec-049_In_108.endf, dec-049_In_108m1.endf, dec-049_In_110.endf,

dec-049_In_113.endf, dec-050_Sn_099.endf, dec-050_Sn_100.endf, dec-050_Sn_101.endf, dec-050_Sn_102.endf, dec-050_Sn_103.endf,
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dec-050_Sn_122.endf, dec-050_Sn_124.endf, dec-050_Sn_131m1.endf, dec-051_Sb_103.endf, dec-051_Sb_104.endf, dec-051_Sb_105.endf,
dec-051_Sb_106.endf, dec-051_Sb_107.endf, dec-051_Sb_108.endf, dec-051_Sb_113.endf, dec-051_Sb_119m1.endf, dec-051_Sb_121.endf,
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dec-053_I_115.endf, dec-053_I_116.endf, dec-053_I_117.endf, dec-053_I_120m1.endf, dec-053_I_127.endf, dec-054_Xe_110.endf,
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dec-055_Cs_122m2.endf, dec-055_Cs_124m1.endf, dec-055_Cs_125m1.endf, dec-055_Cs_133.endf, dec-055_Cs_136m1.endf,
dec-055_Cs_144m1.endf, dec-056_Ba_114.endf, dec-056_Ba_115.endf, dec-056_Ba_116.endf, dec-056_Ba_117.endf, dec-056_Ba_118.endf,
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dec-060_Nd_150.endf, dec-061_Pm_126.endf, dec-061_Pm_127.endf, dec-061_Pm_128.endf, dec-061_Pm_129.endf, dec-061_Pm_130.endf,
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dec-062_Sm_143m2.endf, dec-062_Sm_144.endf, dec-062_Sm_149.endf, dec-062_Sm_150.endf, dec-062_Sm_152.endf, dec-062_Sm_154.endf,
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dec-063_Eu_139.endf, dec-063_Eu_140m1.endf, dec-063_Eu_151.endf, dec-063_Eu_153.endf, dec-063_Eu_160.endf, dec-063_Eu_166.endf,
dec-063_Eu_167.endf, dec-064_Gd_134.endf, dec-064_Gd_135.endf, dec-064_Gd_136.endf, dec-064_Gd_137.endf, dec-064_Gd_138.endf,
dec-064_Gd_139.endf, dec-064_Gd_139m1.endf, dec-064_Gd_140.endf, dec-064_Gd_141m1.endf, dec-064_Gd_154.endf,

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dec-068_Er_174.endf, dec-068_Er_175.endf, dec-068_Er_176.endf, dec-068_Er_177.endf, dec-069_Tm_145.endf, dec-069_Tm_146.endf,

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dec-070_Yb_161.endf, dec-070_Yb_163.endf, dec-070_Yb_168.endf, dec-070_Yb_170.endf, dec-070_Yb_171.endf, dec-070_Yb_171m1.endf,

dec-070_Yb_172.endf, dec-070_Yb_173.endf, dec-070_Yb_174.endf, dec-070_Yb_175m1.endf, dec-070_Yb_176.endf, dec-070_Yb_178.endf,

dec-070_Yb_180.endf, dec-070_Yb_181.endf, dec-071_Lu_150.endf, dec-071_Lu_151.endf, dec-071_Lu_152.endf, dec-071_Lu_153.endf,

dec-071_Lu_153m1.endf, dec-071_Lu_154.endf, dec-071_Lu_154m1.endf, dec-071_Lu_155.endf, dec-071_Lu_155m1.endf,

dec-071_Lu_155m2.endf, dec-071_Lu_156.endf, dec-071_Lu_156m1.endf, dec-071_Lu_157.endf, dec-071_Lu_157m1.endf,

dec-071_Lu_158.endf, dec-071_Lu_159.endf, dec-071_Lu_160.endf, dec-071_Lu_160m1.endf, dec-071_Lu_161.endf, dec-071_Lu_161m1.endf,

dec-071_Lu_162.endf, dec-071_Lu_162m1.endf, dec-071_Lu_162m2.endf, dec-071_Lu_163.endf, dec-071_Lu_164.endf,

dec-071_Lu_165.endf, dec-071_Lu_166m1.endf, dec-071_Lu_166m2.endf, dec-071_Lu_167m1.endf, dec-071_Lu_168.endf,

dec-071_Lu_175.endf, dec-071_Lu_177m2.endf, dec-071_Lu_179m1.endf, dec-071_Lu_180m1.endf, dec-071_Lu_181.endf,

dec-071_Lu_182.endf, dec-071_Lu_184.endf, dec-072_Hf_153.endf, dec-072_Hf_154.endf, dec-072_Hf_155.endf, dec-072_Hf_157.endf,

dec-072_Hf_158.endf, dec-072_Hf_159.endf, dec-072_Hf_160.endf, dec-072_Hf_161.endf, dec-072_Hf_162.endf, dec-072_Hf_163.endf,

dec-072_Hf_164.endf, dec-072_Hf_165.endf, dec-072_Hf_167.endf, dec-072_Hf_168.endf, dec-072_Hf_169.endf, dec-072_Hf_170.endf,

dec-072_Hf_171.endf, dec-072_Hf_176.endf, dec-072_Hf_178.endf, dec-072_Hf_179.endf, dec-072_Hf_180.endf, dec-072_Hf_185.endf,

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dec-073_Ta_157.endf, dec-073_Ta_158.endf, dec-073_Ta_158m1.endf, dec-073_Ta_159.endf, dec-073_Ta_159m1.endf,

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dec-073_Ta_167.endf, dec-073_Ta_169.endf, dec-073_Ta_171.endf, dec-073_Ta_176m1.endf, dec-073_Ta_176m2.endf,

dec-073_Ta_178m1.endf, dec-073_Ta_178m2.endf, dec-073_Ta_179m1.endf, dec-073_Ta_179m2.endf, dec-073_Ta_180m1.endf,

dec-073_Ta_181.endf, dec-073_Ta_185m1.endf, dec-073_Ta_187.endf, dec-073_Ta_188.endf, dec-073_Ta_189.endf, dec-073_Ta_190.endf, dec-074_W_159.endf, dec-074_W_160.endf, dec-074_W_161.endf, dec-074_W_162.endf, dec-074_W_163.endf, dec-074_W_164.endf, dec-074_W_165.endf, dec-074_W_167.endf, dec-074_W_168.endf, dec-074_W_169.endf, dec-074_W_170.endf, dec-074_W_171.endf, dec-074_W_172.endf, dec-074_W_173.endf, dec-074_W_174.endf, dec-074_W_175.endf, dec-074_W_176.endf, dec-074_W_180.endf, dec-074_W_180m1.endf, dec-074_W_182.endf, dec-074_W_183.endf, dec-074_W_184.endf, dec-074_W_186.endf, dec-074_W_186m1.endf, dec-074_W_189.endf, dec-074_W_190m1.endf, dec-074_W_191.endf, dec-074_W_192.endf, dec-075_Re_160.endf, dec-075_Re_161.endf, dec-075_Re_161m1.endf, dec-075_Re_162.endf, dec-075_Re_162m1.endf, dec-075_Re_163.endf, dec-075_Re_163m1.endf, dec-075_Re_164.endf, dec-075_Re_164m1.endf, dec-075_Re_165.endf, dec-075_Re_165m1.endf, dec-075_Re_166.endf, dec-075_Re_167.endf, dec-075_Re_167m1.endf, dec-075_Re_168.endf, dec-075_Re_169.endf, dec-075_Re_169m1.endf, dec-075_Re_170.endf, dec-075_Re_172.endf, dec-075_Re_172m1.endf, dec-075_Re_173.endf, dec-075_Re_174.endf, dec-075_Re_175.endf, dec-075_Re_177.endf, dec-075_Re_178.endf, dec-075_Re_185.endf, dec-075_Re_190m1.endf, dec-075_Re_191.endf, dec-075_Re_192.endf, dec-075_Re_193.endf, dec-075_Re_194.endf, dec-076_Os_163.endf, dec-076_Os_164.endf, dec-076_Os_165.endf, dec-076_Os_166.endf, dec-076_Os_167.endf, dec-076_Os_168.endf, dec-076_Os_169.endf, dec-076_Os_170.endf, dec-076_Os_172.endf, dec-076_Os_173.endf, dec-076_Os_174.endf, dec-076_Os_175.endf, dec-076_Os_176.endf, dec-076_Os_177.endf, dec-076_Os_178.endf, dec-076_Os_179.endf, dec-076_Os_180.endf, dec-076_Os_181.endf, dec-076_Os_181m1.endf, dec-076_Os_184.endf, dec-076_Os_186.endf, dec-076_Os_187.endf, dec-076_Os_188.endf, dec-076_Os_189.endf, dec-076_Os_190.endf, dec-076_Os_192.endf, dec-076_Os_192m1.endf, dec-076_Os_195.endf, dec-076_Os_196.endf, dec-077_Ir_164.endf, dec-077_Ir_164m1.endf, dec-077_Ir_165.endf, dec-077_Ir_166m1.endf, dec-077_Ir_167.endf, dec-077_Ir_167m1.endf, dec-077_Ir_168.endf, dec-077_Ir_168m1.endf, dec-077_Ir_169.endf, dec-077_Ir_169m1.endf, dec-077_Ir_170.endf, dec-077_Ir_170m1.endf, dec-077_Ir_171.endf, dec-077_Ir_171m1.endf, dec-077_Ir_172.endf, dec-077_Ir_172m1.endf, dec-077_Ir_173.endf, dec-077_Ir_173m1.endf, dec-077_Ir_174.endf, dec-077_Ir_174m1.endf, dec-077_Ir_175.endf, dec-077_Ir_176.endf, dec-077_Ir_178.endf, dec-077_Ir_179.endf, dec-077_Ir_180.endf, dec-077_Ir_181.endf, dec-077_Ir_182.endf, dec-077_Ir_185.endf, dec-077_Ir_186.endf, dec-077_Ir_186m1.endf, dec-077_Ir_187m1.endf, dec-077_Ir_188m1.endf, dec-077_Ir_191.endf, dec-077_Ir_191m2.endf, dec-077_Ir_193.endf, dec-077_Ir_196m1.endf, dec-077_Ir_197.endf, dec-077_Ir_197m1.endf, dec-077_Ir_198.endf, dec-077_Ir_199.endf, dec-078_Pt_166.endf, dec-078_Pt_169.endf, dec-078_Pt_170.endf, dec-078_Pt_171.endf, dec-078_Pt_172.endf, dec-078_Pt_173.endf, dec-078_Pt_174.endf, 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dec-079_Au_189m1.endf, dec-079_Au_190m1.endf, dec-079_Au_192m1.endf, dec-079_Au_192m2.endf, dec-079_Au_197.endf, dec-079_Au_200m1.endf, dec-079_Au_201.endf, dec-079_Au_204.endf, dec-079_Au_205.endf, dec-080_Hg_171.endf, dec-080_Hg_172.endf, dec-080_Hg_176.endf, dec-080_Hg_177.endf, dec-080_Hg_178.endf, dec-080_Hg_179.endf, dec-080_Hg_180.endf, dec-080_Hg_181.endf, dec-080_Hg_182.endf, dec-080_Hg_183.endf, dec-080_Hg_184.endf, dec-080_Hg_185.endf, dec-080_Hg_185m1.endf, dec-080_Hg_187.endf, dec-080_Hg_187m1.endf, dec-080_Hg_189.endf, dec-080_Hg_189m1.endf, dec-080_Hg_191.endf, dec-080_Hg_191m1.endf, dec-080_Hg_193m1.endf, dec-080_Hg_196.endf, dec-080_Hg_198.endf, dec-080_Hg_199.endf, dec-080_Hg_200.endf, dec-080_Hg_201.endf, dec-080_Hg_202.endf, dec-080_Hg_204.endf, dec-080_Hg_205m1.endf, dec-080_Hg_207.endf, dec-080_Hg_208.endf, dec-080_Hg_209.endf, dec-080_Hg_210.endf, dec-081_Tl_176.endf, dec-081_Tl_177.endf, dec-081_Tl_178.endf, dec-081_Tl_179m1.endf, dec-081_Tl_180.endf, 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dec-083_Bi_212m1.endf, dec-083_Bi_212m2.endf, dec-083_Bi_215m1.endf, dec-083_Bi_216.endf, dec-083_Bi_217.endf,
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dec-085_At_195.endf, dec-085_At_195m1.endf, dec-085_At_196.endf, dec-085_At_196m1.endf, dec-085_At_197.endf,
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dec-085_At_202m2.endf, dec-085_At_203.endf, dec-085_At_221.endf, dec-085_At_222.endf, dec-085_At_223.endf, dec-086_Rn_195.endf,
dec-086_Rn_195m1.endf, dec-086_Rn_197m1.endf, dec-086_Rn_199.endf, dec-086_Rn_199m1.endf, dec-086_Rn_200.endf,
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dec-086_Rn_224.endf, dec-086_Rn_226.endf, dec-086_Rn_227.endf, dec-086_Rn_228.endf, dec-087_Fr_199.endf, dec-087_Fr_200.endf,
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dec-087_Fr_204m2.endf, dec-087_Fr_205.endf, dec-087_Fr_206.endf, dec-087_Fr_206m1.endf, dec-087_Fr_206m2.endf,
dec-087_Fr_207.endf, dec-087_Fr_209.endf, dec-087_Fr_210.endf, dec-087_Fr_211.endf, dec-087_Fr_213.endf, dec-087_Fr_225.endf,
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dec-089_Ac_234.endf, dec-089_Ac_235.endf, dec-089_Ac_236.endf, dec-090_Th_209.endf, dec-090_Th_211.endf, dec-090_Th_212.endf,
dec-090_Th_214.endf, dec-090_Th_220.endf, dec-090_Th_225.endf, dec-090_Th_237.endf, dec-090_Th_238.endf, dec-091_Pa_212.endf,
dec-091_Pa_213.endf, dec-091_Pa_214.endf, dec-091_Pa_215.endf, dec-091_Pa_216.endf, dec-091_Pa_217m1.endf, dec-091_Pa_220.endf,
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dec-095_Am_232.endf, dec-095_Am_233.endf, dec-095_Am_234.endf, dec-095_Am_235.endf, dec-095_Am_236.endf, dec-095_Am_242m2.endf,
dec-095_Am_248.endf, dec-095_Am_249.endf, dec-096_Cm_233.endf, dec-096_Cm_234.endf, dec-096_Cm_235.endf, dec-096_Cm_236.endf,
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dec-097_Bk_237.endf, dec-097_Bk_238.endf, dec-097_Bk_240.endf, dec-097_Bk_241.endf, dec-097_Bk_242.endf, dec-097_Bk_243.endf,

dec-097_Bk_244.endf, dec-097_Bk_248.endf, dec-097_Bk_253.endf, dec-097_Bk_254.endf, dec-098_Cf_237.endf, dec-098_Cf_238.endf,
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dec-098_Cf_245.endf, dec-098_Cf_254.endf, dec-098_Cf_255.endf, dec-098_Cf_256.endf, dec-099_Es_240.endf, dec-099_Es_241.endf,
dec-099_Es_242.endf, dec-099_Es_243.endf, dec-099_Es_244.endf, dec-099_Es_245.endf, dec-099_Es_246.endf, dec-099_Es_247.endf,
dec-099_Es_247m1.endf, dec-099_Es_248.endf, dec-099_Es_250.endf, dec-099_Es_254m1.endf, dec-099_Es_255.endf,
dec-099_Es_256.endf, dec-099_Es_256m1.endf, dec-099_Es_257.endf, dec-099_Es_258.endf, dec-100_Fm_242.endf, dec-100_Fm_243.endf,
dec-100_Fm_244.endf, dec-100_Fm_245.endf, dec-100_Fm_246.endf, dec-100_Fm_247.endf, dec-100_Fm_248.endf, dec-100_Fm_249.endf,
dec-100_Fm_250.endf, dec-100_Fm_250m1.endf, dec-100_Fm_253.endf, dec-100_Fm_256.endf, dec-100_Fm_258.endf, dec-100_Fm_259.endf,
dec-100_Fm_260.endf, dec-101_Md_245.endf, dec-101_Md_245m1.endf, dec-101_Md_246.endf, dec-101_Md_247.endf, dec-101_Md_247m1.endf,
dec-101_Md_248.endf, dec-101_Md_249.endf, dec-101_Md_249m1.endf, dec-101_Md_250.endf, dec-101_Md_251.endf, dec-101_Md_252.endf,
dec-101_Md_253.endf, dec-101_Md_254.endf, dec-101_Md_254m1.endf, dec-101_Md_255.endf, dec-101_Md_256.endf, dec-101_Md_257.endf,
dec-101_Md_258.endf, dec-101_Md_258m1.endf, dec-101_Md_259.endf, dec-101_Md_260.endf, dec-101_Md_261.endf, dec-102_No_250.endf,
dec-102_No_251.endf, dec-102_No_251m1.endf, dec-102_No_252.endf, dec-102_No_253.endf, dec-102_No_254.endf, dec-102_No_254m1.endf,
dec-102_No_255.endf, dec-102_No_258.endf, dec-102_No_259.endf, dec-102_No_260.endf, dec-102_No_261.endf, dec-102_No_262.endf,
dec-103_Lr_251.endf, dec-103_Lr_252.endf, dec-103_Lr_253.endf, dec-103_Lr_253m1.endf, dec-103_Lr_254.endf, dec-103_Lr_255.endf,
dec-103_Lr_255m1.endf, dec-103_Lr_256.endf, dec-103_Lr_257.endf, dec-103_Lr_258.endf, dec-103_Lr_259.endf, dec-103_Lr_260.endf,
dec-103_Lr_261.endf, dec-103_Lr_262.endf, dec-103_Lr_263.endf, dec-104_Rf_253.endf, dec-104_Rf_254.endf, dec-104_Rf_255.endf,
dec-104_Rf_256.endf, dec-104_Rf_257.endf, dec-104_Rf_257m1.endf, dec-104_Rf_258.endf, dec-104_Rf_259.endf, dec-104_Rf_260.endf,
dec-104_Rf_261.endf, dec-104_Rf_261m1.endf, dec-104_Rf_262.endf, dec-104_Rf_263.endf, dec-104_Rf_264.endf, dec-104_Rf_265.endf,
dec-105_Db_255.endf, dec-105_Db_256.endf, dec-105_Db_257.endf, dec-105_Db_257m1.endf, dec-105_Db_258.endf, dec-105_Db_258m1.endf,
dec-105_Db_259.endf, dec-105_Db_260.endf, dec-105_Db_261.endf, dec-105_Db_262.endf, dec-105_Db_263.endf, dec-105_Db_264.endf,
dec-105_Db_265.endf, dec-106_Sg_258.endf, dec-106_Sg_259.endf, dec-106_Sg_260.endf, dec-106_Sg_261.endf, dec-106_Sg_262.endf,
dec-106_Sg_263.endf, dec-106_Sg_263m1.endf, dec-106_Sg_264.endf, dec-106_Sg_265.endf, dec-106_Sg_266.endf, dec-106_Sg_269.endf,
dec-107_Bh_260.endf, dec-107_Bh_261.endf, dec-107_Bh_262.endf, dec-107_Bh_262m1.endf, dec-107_Bh_263.endf, dec-107_Bh_264.endf,
dec-107_Bh_265.endf, dec-107_Bh_266.endf, dec-107_Bh_267.endf, dec-107_Bh_269.endf, dec-108_Hs_263.endf, dec-108_Hs_264.endf,
dec-108_Hs_265.endf, dec-108_Hs_265m1.endf, dec-108_Hs_266.endf, dec-108_Hs_267.endf, dec-108_Hs_268.endf, dec-108_Hs_269.endf,
dec-108_Hs_273.endf, dec-109_Mt_265.endf, dec-109_Mt_266.endf, dec-109_Mt_266m1.endf, dec-109_Mt_267.endf, dec-109_Mt_268.endf,
dec-109_Mt_269.endf, dec-109_Mt_270.endf, dec-109_Mt_271.endf, dec-109_Mt_273.endf, dec-110_Ds_267.endf, dec-110_Ds_268.endf,
dec-110_Ds_269.endf, dec-110_Ds_270.endf, dec-110_Ds_270m1.endf, dec-110_Ds_271.endf, dec-110_Ds_271m1.endf,
dec-110_Ds_272.endf, dec-110_Ds_273.endf, dec-110_Ds_279m1.endf, dec-111_Rg_272.endf,

fizcon The decay library is so big that we ran out of MAT numbers, when following the ENDF convention. So, MAT numbers are messed up as well as ZAs one computes from them.:

dec-000_Nn_001.endf, dec-001_H_001.endf, dec-001_H_002.endf, dec-001_H_003.endf, dec-001_H_004.endf, dec-001_H_005.endf,
dec-001_H_006.endf, dec-001_H_007.endf, dec-002_He_003.endf, dec-002_He_004.endf, dec-002_He_005.endf, dec-002_He_006.endf,
dec-002_He_007.endf, dec-002_He_008.endf, dec-002_He_009.endf, dec-002_He_010.endf, dec-003_Li_004.endf, dec-003_Li_005.endf,
dec-003_Li_006.endf, dec-003_Li_007.endf, dec-003_Li_008.endf, dec-003_Li_009.endf, dec-003_Li_010.endf, dec-003_Li_011.endf,
dec-003_Li_012.endf, dec-004_Be_005.endf, dec-004_Be_006.endf, dec-004_Be_007.endf, dec-004_Be_008.endf, dec-004_Be_009.endf,
dec-004_Be_010.endf, dec-004_Be_011.endf, dec-004_Be_012.endf, dec-004_Be_013.endf, dec-004_Be_014.endf, dec-004_Be_015.endf,
dec-004_Be_016.endf, dec-005_B_006.endf, dec-005_B_007.endf, dec-005_B_008.endf, dec-005_B_009.endf, dec-005_B_010.endf,
dec-005_B_011.endf, dec-005_B_012.endf, dec-005_B_013.endf, dec-005_B_014.endf, dec-005_B_015.endf, dec-005_B_016.endf,
dec-005_B_017.endf, dec-005_B_018.endf, dec-005_B_019.endf, dec-006_C_008.endf, dec-006_C_009.endf, dec-006_C_010.endf,
dec-006_C_011.endf, dec-006_C_012.endf, dec-006_C_013.endf, dec-006_C_014.endf, dec-006_C_015.endf, dec-006_C_016.endf,
dec-006_C_017.endf, dec-006_C_018.endf, dec-006_C_019.endf, dec-006_C_020.endf, dec-006_C_021.endf, dec-006_C_022.endf,
dec-007_N_010.endf, dec-007_N_011.endf, dec-007_N_012.endf, dec-007_N_013.endf, dec-007_N_014.endf, dec-007_N_015.endf,
dec-007_N_016.endf, dec-007_N_017.endf, dec-007_N_018.endf, dec-007_N_019.endf, dec-007_N_020.endf, dec-007_N_021.endf,
dec-007_N_022.endf, dec-007_N_023.endf, dec-007_N_024.endf, dec-007_N_025.endf, dec-008_O_012.endf, dec-008_O_013.endf,

dec-008_O_014.endf, dec-008_O_015.endf, dec-008_O_016.endf, dec-008_O_017.endf, dec-008_O_018.endf, dec-008_O_019.endf,
dec-008_O_020.endf, dec-008_O_021.endf, dec-008_O_022.endf, dec-008_O_023.endf, dec-008_O_024.endf, dec-008_O_025.endf,
dec-008_O_026.endf, dec-008_O_027.endf, dec-008_O_028.endf, dec-009_F_014.endf, dec-010_Ne_016.endf, dec-011_Na_018.endf,
dec-012_Mg_019.endf, dec-012_Mg_020.endf, dec-013_Al_021.endf, dec-013_Al_022.endf, dec-014_Si_022.endf, dec-014_Si_023.endf,
dec-014_Si_024.endf, dec-015_P_024.endf, dec-015_P_025.endf, dec-015_P_026.endf, dec-016_S_026.endf, dec-016_S_027.endf,
dec-016_S_028.endf, dec-017_Cl_028.endf, dec-017_Cl_029.endf, dec-017_Cl_030.endf, dec-018_Ar_030.endf, dec-018_Ar_031.endf,
dec-018_Ar_032.endf, dec-019_K_032.endf, dec-019_K_033.endf, dec-019_K_034.endf, dec-020_Ca_034.endf, dec-020_Ca_035.endf,
dec-020_Ca_036.endf, dec-021_Sc_036.endf, dec-021_Sc_037.endf, dec-021_Sc_038.endf, dec-022_Ti_038.endf, dec-022_Ti_039.endf,
dec-022_Ti_040.endf, dec-023_V_040.endf, dec-023_V_041.endf, dec-023_V_042.endf, dec-024_Cr_042.endf, dec-024_Cr_043.endf,
dec-024_Cr_044.endf, dec-025_Mn_044.endf, dec-025_Mn_045.endf, dec-025_Mn_046.endf, dec-026_Fe_045.endf, dec-026_Fe_046.endf,
dec-026_Fe_047.endf, dec-026_Fe_048.endf, dec-027_Co_049.endf, dec-027_Co_050.endf, dec-028_Ni_048.endf, dec-028_Ni_049.endf,
dec-028_Ni_050.endf, dec-028_Ni_051.endf, dec-028_Ni_052.endf, dec-029_Cu_052.endf, dec-029_Cu_053.endf, dec-029_Cu_054.endf,
dec-030_Zn_054.endf, dec-030_Zn_055.endf, dec-030_Zn_056.endf, dec-031_Ga_056.endf, dec-031_Ga_057.endf, dec-031_Ga_058.endf,
dec-032_Ge_058.endf, dec-032_Ge_059.endf, dec-032_Ge_060.endf, dec-033_As_060.endf, dec-033_As_061.endf, dec-033_As_062.endf,

fizcon The halflife given in the file really is correct, dispite what FIZCON says: dec-023_V_050.endf,
dec-083_Bi_209.endf,

fizcon This is an isomer with a very high spin, much too much for FIZCON: dec-072_Hf_177.endf,
dec-083_Bi_204.endf,

fizcon Too many discrete spectra for FIZCON to handle: dec-065_Tb_152.endf, dec-065_Tb_153.endf, dec-066_Dy_153.endf,
dec-069_Tm_163.endf, dec-071_Lu_169.endf, dec-071_Lu_170.endf, dec-081_Tl_200.endf, dec-091_Pa_228.endf, dec-091_Pa_234.endf,
dec-092_U_233.endf, dec-094_Pu_239.endf, dec-095_Am_246m1.endf,

fizcon We don't know the energy of the isomer in question, FIZCON should just lighten up and let science progress: dec-025_Mn_062m1.endf, dec-026_Fe_052m1.endf, dec-026_Fe_053m1.endf, dec-027_Co_053m1.endf,
dec-027_Co_068m1.endf, dec-027_Co_070m1.endf, dec-029_Cu_076m1.endf, dec-030_Zn_073m1.endf, dec-039_Y_078m1.endf,
dec-039_Y_097m2.endf, dec-039_Y_102m1.endf, dec-041_Nb_102m1.endf, dec-043_Tc_088m1.endf, dec-044_Ru_091m1.endf,
dec-045_Rh_090m1.endf, dec-045_Rh_094m1.endf, dec-045_Rh_098m1.endf, dec-045_Rh_108m1.endf, dec-045_Rh_110m1.endf,
dec-047_Ag_094m1.endf, dec-047_Ag_094m2.endf, dec-047_Ag_095m3.endf, dec-047_Ag_096m1.endf, dec-047_Ag_119m1.endf,
dec-049_In_098m1.endf, dec-049_In_131m2.endf, dec-050_Sn_131m1.endf, dec-055_Cs_118m1.endf, dec-055_Cs_119m1.endf,
dec-055_Cs_120m1.endf, dec-055_Cs_144m1.endf, dec-057_La_124m1.endf, dec-057_La_126m1.endf, dec-057_La_128m1.endf,
dec-057_La_146m1.endf, dec-059_Pr_134m1.endf, dec-061_Pm_134m1.endf, dec-061_Pm_136m1.endf, dec-061_Pm_140m1.endf,
dec-063_Eu_136m1.endf, dec-063_Eu_136m2.endf, dec-063_Eu_140m1.endf, dec-063_Eu_142m1.endf, dec-064_Gd_139m1.endf,
dec-065_Tb_141m1.endf, dec-065_Tb_143m1.endf, dec-065_Tb_145m1.endf, dec-065_Tb_146m1.endf, dec-065_Tb_154m1.endf,
dec-065_Tb_154m2.endf, dec-066_Dy_143m1.endf, dec-067_Ho_148m1.endf, dec-067_Ho_154m1.endf, dec-068_Er_147m1.endf,
dec-069_Tm_152m1.endf, dec-069_Tm_154m1.endf, dec-069_Tm_162m1.endf, dec-070_Yb_151m1.endf, dec-071_Lu_154m1.endf,
dec-071_Lu_156m1.endf, dec-071_Lu_160m1.endf, dec-071_Lu_162m1.endf, dec-071_Lu_162m2.endf, dec-071_Lu_167m1.endf,
dec-074_W_186m1.endf, dec-075_Re_167m1.endf, dec-075_Re_169m1.endf, dec-075_Re_172m1.endf, dec-077_Ir_170m1.endf,
dec-077_Ir_171m1.endf, dec-077_Ir_186m1.endf, dec-079_Au_175m1.endf, dec-080_Hg_187m1.endf, dec-080_Hg_189m1.endf,
dec-080_Hg_191m1.endf, dec-081_Tl_179m1.endf, dec-081_Tl_190m1.endf, dec-081_Tl_191m1.endf, dec-082_Pb_181m1.endf,
dec-082_Pb_185m1.endf, dec-082_Pb_191m1.endf, dec-082_Pb_193m1.endf, dec-083_Bi_184m1.endf, dec-083_Bi_186m1.endf,
dec-083_Bi_188m1.endf, dec-083_Bi_190m1.endf, dec-083_Bi_192m1.endf, dec-083_Bi_194m1.endf, dec-083_Bi_194m2.endf,
dec-083_Bi_198m1.endf, dec-083_Bi_200m1.endf, dec-084_Po_193m1.endf, dec-085_At_194m1.endf, dec-085_At_195m1.endf,
dec-085_At_202m1.endf, dec-086_Rn_197m1.endf, dec-086_Rn_201m1.endf, dec-087_Fr_202m1.endf, dec-087_Fr_206m1.endf,
dec-088_Ra_203m1.endf, dec-088_Ra_205m1.endf, dec-089_Ac_206m1.endf, dec-089_Ac_222m1.endf, dec-093_Np_242m1.endf,
dec-096_Cm_244m1.endf, dec-099_Es_247m1.endf, dec-099_Es_256m1.endf, dec-100_Fm_250m1.endf, dec-101_Md_247m1.endf,

dec-101_Md_249m1.endf, dec-101_Md_254m1.endf, dec-101_Md_258m1.endf, dec-103_Lr_253m1.endf, dec-104_Rf_257m1.endf,
dec-104_Rf_261m1.endf, dec-105_Db_257m1.endf, dec-105_Db_258m1.endf, dec-106_Sg_263m1.endf, dec-107_Bh_262m1.endf,
dec-109_Mt_266m1.endf, dec-110_Ds_271m1.endf, dec-110_Ds_279m1.endf,

fizcon We don't know the parity of a level in the nucleus in question, FIZCON should just lighten up and let science progress: dec-095_Am_247.endf,