

Release notes for ENDF/B Development neutrons sublibrary

ENDF
B-VII.dev

February 2, 2018

FAILURE SUMMARY

No FAILURES found!

ERROR SUMMARY

checkr A variable is outside the allowed ENDF range: n-026_Fe_056.endf,

checkr Generic error message: n-025_Mn_054.endf, n-061_Pm_145.endf, n-076_Os_191.endf,

fizcon A level's energy is somehow off: n-013_Al_026m1.endf, n-020_Ca_041.endf, n-032_Ge_071.endf, n-035_Br_080.endf, n-036_Kr_079.endf, n-038_Sr_085.endf, n-045_Rh_104.endf, n-046_Pd_103.endf, n-046_Pd_109.endf, n-047_Ag_108.endf, n-047_Ag_112.endf, n-047_Ag_113.endf, n-047_Ag_114.endf, n-047_Ag_116.endf, n-047_Ag_117.endf, n-047_Ag_118m1.endf, n-048_Cd_107.endf, n-049_In_114.endf, n-050_Sn_121m1.endf, n-051_Sb_122.endf, n-052_Te_121.endf, n-052_Te_121m1.endf, n-052_Te_131.endf, n-052_Te_131m1.endf, n-053_I_128.endf, n-053_I_132.endf, n-053_I_132m1.endf, n-053_I_134.endf, n-054_Xe_125.endf, n-054_Xe_127.endf, n-056_Ba_131.endf, n-056_Ba_139.endf, n-058_Ce_137.endf, n-058_Ce_137m1.endf, n-060_Nd_149.endf, n-061_Pm_146.endf, n-061_Pm_150.endf, n-062_Sm_146.endf, n-064_Gd_159.endf, n-065_Tb_158.endf, n-066_Dy_155.endf, n-066_Dy_157.endf, n-068_Er_163.endf, n-068_Er_165.endf, n-068_Er_169.endf, n-070_Yb_169.endf, n-070_Yb_175.endf, n-072_Hf_175.endf, n-074_W_181.endf, n-074_W_185.endf, n-075_Re_186m1.endf, n-076_Os_185.endf, n-077_Ir_194m1.endf, n-080_Hg_197.endf, n-080_Hg_197m1.endf, n-083_Bi_210m1.endf, n-084_Po_209.endf, n-091_Pa_229.endf, n-092_U_235.endf, n-098_Cf_247.endf,

fizcon A unknown parameter is outside of legal limits: n-003_Li_007.endf,

fizcon All probability distributions should be normalized to 1, this one isn't.: n-023_V_050.endf, n-030_Zn_065.endf, n-030_Zn_067.endf, n-030_Zn_068.endf, n-030_Zn_070.endf, n-041_Nb_093.endf, n-042_Mo_093.endf,

fizcon Data for a reaction started at a minimum Ein that is incorrect, based upon reaction's Q value or other ENDF expectations.: n-006_C_012.endf, n-008_O_016.endf,

fizcon Data for a reaction started at a minimum Ein that is incorrect, based upon reaction's Q value.: n-014_Si_032.endf, n-041_Nb_093.endf, n-060_Nd_143.endf, n-062_Sm_146.endf, n-064_Gd_160.endf, n-074_W_185.endf, n-076_Os_191.endf, n-092_U_235.endf,

fizcon Fission Q value inconsistent with fission energy release data.: n-092_U_235.endf, n-092_U_238.endf,

fizcon Generic error message: n-008_O_016.endf, n-013_Al_026m1.endf, n-047_Ag_118m1.endf, n-050_Sn_121m1.endf, n-052_Te_121m1.endf, n-052_Te_131m1.endf, n-053_I_132m1.endf, n-058_Ce_137m1.endf, n-075_Re_186m1.endf, n-077_Ir_194m1.endf, n-080_Hg_197m1.endf, n-083_Bi_210m1.endf,

fizcon One of the widths in the RRR is negative: n-091_Pa_231.endf,

fizcon Outgoing ZA is wrong: n-076_Os_191.endf, n-077_Ir_192.endf, n-078_Pt_190.endf, n-078_Pt_191.endf, n-078_Pt_192.endf, n-078_Pt_193.endf, n-078_Pt_194.endf, n-078_Pt_195.endf, n-078_Pt_196.endf, n-078_Pt_197.endf, n-078_Pt_198.endf, n-080_Hg_203.endf, n-081_Tl_204.endf, n-082_Pb_205.endf, n-084_Po_208.endf, n-084_Po_210.endf,

fizcon Q value is wrong.: n-083_Bi_210m1.endf,

fizcon The cross section and an outgoing distribution don't span the same energy region.: n-094_Pu_238.endf, n-094_Pu_240.endf,

fizcon This angular distribution MUST have an maximum number of Legendre moments that is even: n-001_H_002.endf,

fudge-4.0 A covariance matrix was not positive semi-definite, so it has negative eigenvalues.: n-008_0_016.endf, n-010_Ne_020.endf, n-010_Ne_021.endf, n-010_Ne_022.endf, n-011_Na_023.endf, n-018_Ar_037.endf, n-018_Ar_041.endf, n-020_Ca_045.endf, n-020_Ca_047.endf, n-024_Cr_051.endf, n-025_Mn_054.endf, n-025_Mn_055.endf, n-026_Fe_054.endf, n-026_Fe_055.endf, n-026_Fe_056.endf, n-028_Ni_058.endf, n-034_Se_075.endf, n-036_Kr_081.endf, n-042_Mo_093.endf, n-043_Tc_098.endf, n-044_Ru_097.endf, n-048_Cd_109.endf, n-061_Pm_143.endf, n-061_Pm_144.endf, n-061_Pm_145.endf, n-062_Sm_145.endf, n-074_W_180.endf, n-074_W_182.endf, n-074_W_183.endf, n-074_W_184.endf, n-074_W_186.endf, n-076_Os_191.endf, n-077_Ir_192.endf, n-078_Pt_190.endf, n-078_Pt_191.endf, n-078_Pt_192.endf, n-078_Pt_193.endf, n-078_Pt_194.endf, n-078_Pt_195.endf, n-078_Pt_196.endf, n-078_Pt_197.endf, n-078_Pt_198.endf, n-080_Hg_203.endf, n-081_Tl_204.endf, n-082_Pb_205.endf, n-084_Po_208.endf, n-084_Po_210.endf, n-089_Ac_225.endf, n-089_Ac_226.endf, n-089_Ac_227.endf, n-090_Th_227.endf, n-090_Th_228.endf, n-090_Th_229.endf, n-090_Th_230.endf, n-090_Th_231.endf, n-090_Th_232.endf, n-090_Th_233.endf, n-090_Th_234.endf, n-091_Pa_229.endf, n-091_Pa_230.endf, n-091_Pa_232.endf, n-092_U_230.endf, n-092_U_231.endf, n-092_U_232.endf, n-092_U_233.endf, n-092_U_235.endf, n-092_U_238.endf, n-093_Np_234.endf, n-093_Np_235.endf, n-093_Np_236.endf, n-093_Np_238.endf, n-093_Np_239.endf, n-094_Pu_236.endf, n-094_Pu_237.endf, n-094_Pu_239.endf, n-094_Pu_242.endf, n-094_Pu_244.endf, n-094_Pu_246.endf, n-095_Am_240.endf, n-096_Cm_240.endf, n-096_Cm_241.endf, n-096_Cm_242.endf, n-096_Cm_243.endf, n-096_Cm_244.endf, n-096_Cm_245.endf, n-096_Cm_246.endf, n-096_Cm_247.endf, n-096_Cm_248.endf, n-096_Cm_249.endf, n-096_Cm_250.endf, n-097_Bk_245.endf, n-097_Bk_246.endf, n-097_Bk_247.endf, n-097_Bk_248.endf, n-097_Bk_249.endf, n-097_Bk_250.endf, n-098_Cf_246.endf, n-098_Cf_248.endf, n-098_Cf_249.endf, n-098_Cf_250.endf, n-098_Cf_251.endf, n-098_Cf_252.endf, n-098_Cf_253.endf, n-098_Cf_254.endf, n-099_Es_251.endf, n-099_Es_252.endf, n-099_Es_253.endf, n-099_Es_254.endf, n-099_Es_254m1.endf, n-099_Es_255.endf, n-100_Fm_255.endf,

fudge-4.0 A summed covariance refers to another which refers back to the first which refers the second which refers to the first which refers to the ...: n-003_Li_007.endf, n-014_Si_028.endf, n-014_Si_029.endf, n-014_Si_030.endf, n-024_Cr_050.endf, n-024_Cr_053.endf, n-082_Pb_204.endf, n-082_Pb_206.endf, n-082_Pb_207.endf, n-082_Pb_208.endf,

fudge-4.0 Calculated and tabulated Q values disagree.: n-003_Li_006.endf, n-004_Be_009.endf, n-005_B_010.endf, n-005_B_011.endf, n-006_C_012.endf, n-007_N_014.endf, n-007_N_015.endf, n-008_0_016.endf, n-009_F_019.endf, n-010_Ne_020.endf, n-010_Ne_021.endf, n-010_Ne_022.endf, n-011_Na_023.endf, n-013_Al_026m1.endf, n-013_Al_027.endf, n-014_Si_028.endf, n-014_Si_029.endf, n-014_Si_030.endf, n-015_P_031.endf, n-017_Cl_035.endf, n-017_Cl_037.endf, n-018_Ar_037.endf, n-018_Ar_041.endf, n-020_Ca_040.endf, n-020_Ca_042.endf, n-020_Ca_043.endf, n-020_Ca_044.endf, n-020_Ca_045.endf, n-020_Ca_046.endf, n-020_Ca_047.endf, n-020_Ca_048.endf, n-021_Sc_045.endf, n-024_Cr_050.endf, n-024_Cr_051.endf, n-024_Cr_052.endf, n-024_Cr_053.endf, n-024_Cr_054.endf, n-025_Mn_054.endf, n-025_Mn_055.endf, n-026_Fe_055.endf, n-028_Ni_058.endf, n-028_Ni_060.endf, n-028_Ni_061.endf, n-028_Ni_062.endf, n-028_Ni_064.endf, n-029_Cu_063.endf, n-029_Cu_065.endf, n-032_Ge_070.endf, n-032_Ge_072.endf, n-032_Ge_073.endf, n-032_Ge_074.endf, n-032_Ge_076.endf, n-033_As_075.endf, n-034_Se_075.endf, n-036_Kr_081.endf, n-036_Kr_085.endf, n-037_Rb_086.endf, n-038_Sr_084.endf, n-039_Y_089.endf, n-039_Y_090.endf, n-040_Zr_093.endf, n-041_Nb_093.endf, n-042_Mo_092.endf, n-042_Mo_093.endf, n-042_Mo_094.endf, n-042_Mo_095.endf, n-042_Mo_096.endf, n-042_Mo_097.endf, n-042_Mo_098.endf, n-043_Tc_098.endf, n-043_Tc_099.endf, n-044_Ru_097.endf, n-044_Ru_101.endf, n-045_Rh_103.endf, n-046_Pd_102.endf, n-046_Pd_104.endf, n-046_Pd_105.endf, n-046_Pd_106.endf, n-046_Pd_108.endf, n-046_Pd_110.endf, n-047_Ag_107.endf, n-047_Ag_109.endf, n-047_Ag_111.endf, n-047_Ag_118m1.endf, n-048_Cd_109.endf, n-048_Cd_115m1.endf, n-050_Sn_113.endf, n-050_Sn_125.endf, n-051_Sb_126.endf, n-052_Te_121m1.endf, n-052_Te_131m1.endf, n-053_I_127.endf, n-053_I_130.endf, n-053_I_132m1.endf,

n-054_Xe_131.endf, n-055_Cs_133.endf, n-056_Ba_133.endf, n-057_La_140.endf, n-058_Ce_136.endf, n-058_Ce_137m1.endf, n-058_Ce_138.endf, n-058_Ce_139.endf, n-058_Ce_143.endf, n-059_Pr_141.endf, n-059_Pr_142.endf, n-060_Nd_142.endf, n-060_Nd_143.endf, n-060_Nd_144.endf, n-060_Nd_145.endf, n-060_Nd_146.endf, n-060_Nd_147.endf, n-060_Nd_148.endf, n-060_Nd_150.endf, n-061_Pm_143.endf, n-061_Pm_144.endf, n-061_Pm_145.endf, n-061_Pm_151.endf, n-062_Sm_144.endf, n-062_Sm_145.endf, n-062_Sm_147.endf, n-062_Sm_148.endf, n-062_Sm_149.endf, n-062_Sm_150.endf, n-062_Sm_151.endf, n-062_Sm_152.endf, n-062_Sm_153.endf, n-062_Sm_154.endf, n-063_Eu_157.endf, n-064_Gd_152.endf, n-064_Gd_153.endf, n-064_Gd_154.endf, n-064_Gd_155.endf, n-064_Gd_156.endf, n-064_Gd_157.endf, n-064_Gd_158.endf, n-064_Gd_160.endf, n-065_Tb_160.endf, n-066_Dy_156.endf, n-066_Dy_158.endf, n-066_Dy_160.endf, n-066_Dy_161.endf, n-066_Dy_162.endf, n-066_Dy_163.endf, n-066_Dy_164.endf, n-067_Ho_165.endf, n-067_Ho_166m1.endf, n-069_Tm_168.endf, n-069_Tm_170.endf, n-070_Yb_168.endf, n-070_Yb_170.endf, n-070_Yb_171.endf, n-070_Yb_172.endf, n-070_Yb_173.endf, n-070_Yb_174.endf, n-070_Yb_176.endf, n-072_Hf_181.endf, n-072_Hf_182.endf, n-074_W_180.endf, n-074_W_182.endf, n-074_W_183.endf, n-074_W_184.endf, n-074_W_186.endf, n-075_Re_186m1.endf, n-076_Os_191.endf, n-077_Ir_191.endf, n-077_Ir_192.endf, n-077_Ir_193.endf, n-077_Ir_194m1.endf, n-078_Pt_190.endf, n-078_Pt_191.endf, n-078_Pt_192.endf, n-078_Pt_193.endf, n-078_Pt_194.endf, n-078_Pt_195.endf, n-078_Pt_196.endf, n-078_Pt_197.endf, n-078_Pt_198.endf, n-079_Au_197.endf, n-080_Hg_196.endf, n-080_Hg_197m1.endf, n-080_Hg_198.endf, n-080_Hg_199.endf, n-080_Hg_200.endf, n-080_Hg_201.endf, n-080_Hg_202.endf, n-080_Hg_203.endf, n-080_Hg_204.endf, n-081_Tl_203.endf, n-081_Tl_204.endf, n-082_Pb_204.endf, n-082_Pb_205.endf, n-082_Pb_206.endf, n-082_Pb_207.endf, n-082_Pb_208.endf, n-083_Bi_209.endf, n-083_Bi_210m1.endf, n-084_Po_208.endf, n-084_Po_210.endf, n-089_Ac_225.endf, n-089_Ac_226.endf, n-089_Ac_227.endf, n-090_Th_227.endf, n-090_Th_228.endf, n-090_Th_229.endf, n-090_Th_230.endf, n-090_Th_231.endf, n-090_Th_232.endf, n-090_Th_233.endf, n-090_Th_234.endf, n-091_Pa_229.endf, n-091_Pa_230.endf, n-091_Pa_231.endf, n-091_Pa_232.endf, n-091_Pa_233.endf, n-092_U_230.endf, n-092_U_231.endf, n-092_U_232.endf, n-092_U_233.endf, n-092_U_234.endf, n-092_U_235.endf, n-092_U_236.endf, n-092_U_237.endf, n-092_U_238.endf, n-092_U_239.endf, n-092_U_240.endf, n-092_U_241.endf, n-093_Np_234.endf, n-093_Np_235.endf, n-093_Np_236.endf, n-093_Np_237.endf, n-093_Np_238.endf, n-093_Np_239.endf, n-094_Pu_236.endf, n-094_Pu_237.endf, n-094_Pu_238.endf, n-094_Pu_240.endf, n-094_Pu_241.endf, n-094_Pu_242.endf, n-094_Pu_243.endf, n-094_Pu_244.endf, n-094_Pu_246.endf, n-095_Am_240.endf, n-095_Am_242.endf, n-095_Am_242m1.endf, n-095_Am_243.endf, n-096_Cm_240.endf, n-096_Cm_241.endf, n-096_Cm_242.endf, n-096_Cm_243.endf, n-096_Cm_244.endf, n-096_Cm_245.endf, n-096_Cm_246.endf, n-096_Cm_247.endf, n-096_Cm_248.endf, n-096_Cm_249.endf, n-096_Cm_250.endf, n-097_Bk_245.endf, n-097_Bk_246.endf, n-097_Bk_247.endf, n-097_Bk_248.endf, n-097_Bk_249.endf, n-097_Bk_250.endf, n-098_Cf_246.endf, n-098_Cf_248.endf, n-098_Cf_249.endf, n-098_Cf_250.endf, n-098_Cf_251.endf, n-098_Cf_252.endf, n-098_Cf_253.endf, n-098_Cf_254.endf, n-099_Es_251.endf, n-099_Es_252.endf, n-099_Es_253.endf, n-099_Es_254.endf, n-099_Es_254m1.endf, n-099_Es_255.endf, n-100_Fm_255.endf,

fudge-4.0 Calculated and tabulated thresholds don't agree: n-008_O_018.endf, n-013_Al_027.endf, n-024_Cr_051.endf, n-053_I_127.endf, n-074_W_185.endf, n-076_Os_191.endf, n-077_Ir_192.endf, n-078_Pt_191.endf, n-078_Pt_196.endf, n-081_Tl_204.endf, n-082_Pb_208.endf, n-092_U_235.endf, n-093_Np_237.endf,

fudge-4.0 Cross section domain does not match domain of linked reaction cross section sum: n-020_Ca_040.endf, n-026_Fe_056.endf, n-026_Fe_057.endf, n-032_Ge_070.endf, n-032_Ge_072.endf, n-032_Ge_073.endf, n-032_Ge_074.endf, n-032_Ge_076.endf, n-036_Kr_085.endf, n-037_Rb_086.endf, n-038_Sr_084.endf, n-042_Mo_095.endf, n-043_Tc_099.endf, n-044_Ru_101.endf, n-045_Rh_103.endf, n-046_Pd_105.endf, n-047_Ag_109.endf, n-047_Ag_111.endf, n-048_Cd_115m1.endf, n-050_Sn_113.endf, n-050_Sn_125.endf, n-051_Sb_126.endf, n-053_I_130.endf, n-054_Xe_131.endf, n-055_Cs_133.endf, n-056_Ba_133.endf, n-057_La_140.endf, n-058_Ce_138.endf, n-058_Ce_139.endf, n-058_Ce_143.endf, n-059_Pr_141.endf, n-059_Pr_142.endf, n-060_Nd_142.endf, n-060_Nd_144.endf, n-060_Nd_145.endf, n-060_Nd_146.endf, n-060_Nd_147.endf, n-060_Nd_148.endf, n-060_Nd_150.endf, n-061_Pm_151.endf, n-062_Sm_147.endf, n-062_Sm_148.endf, n-062_Sm_149.endf, n-062_Sm_150.endf, n-062_Sm_151.endf, n-062_Sm_152.endf, n-062_Sm_153.endf, n-062_Sm_154.endf, n-063_Eu_153.endf, n-063_Eu_157.endf, n-064_Gd_152.endf, n-064_Gd_153.endf, n-064_Gd_154.endf, n-064_Gd_155.endf, n-064_Gd_156.endf, n-064_Gd_157.endf, n-064_Gd_158.endf, n-065_Tb_160.endf, n-066_Dy_156.endf, n-066_Dy_158.endf, n-066_Dy_160.endf,

n-066_Dy_161.endf, n-066_Dy_162.endf, n-066_Dy_163.endf, n-066_Dy_164.endf, n-077_Ir_191.endf, n-077_Ir_193.endf, n-090_Th_232.endf,

fudge-4.0 Duplicate Eout in outgoing distribution: n-030_Zn_064.endf, n-048_Cd_109.endf, n-062_Sm_145.endf, n-066_Dy_159.endf, n-076_Os_186.endf, n-076_Os_187.endf, n-076_Os_189.endf, n-076_Os_190.endf, n-076_Os_192.endf, n-077_Ir_192.endf, n-078_Pt_191.endf, n-090_Th_233.endf, n-090_Th_234.endf, n-091_Pa_229.endf, n-093_Np_236.endf, n-093_Np_236m1.endf, n-093_Np_239.endf, n-094_Pu_236.endf, n-094_Pu_237.endf, n-094_Pu_244.endf, n-096_Cm_240.endf, n-096_Cm_241.endf, n-096_Cm_245.endf, n-096_Cm_246.endf, n-097_Bk_247.endf, n-097_Bk_250.endf, n-098_Cf_248.endf, n-098_Cf_254.endf, n-099_Es_251.endf, n-099_Es_252.endf, n-099_Es_253.endf, n-099_Es_254.endf, n-099_Es_254m1.endf, n-100_Fm_255.endf,

fudge-4.0 ENDF format insists that all outgoing fission neutrons, delayed or otherwise, have spectra. For delayed neutrons this is tough.: n-090_Th_228.endf, n-090_Th_230.endf, n-090_Th_233.endf, n-090_Th_234.endf, n-093_Np_236.endf, n-093_Np_236m1.endf, n-093_Np_239.endf, n-094_Pu_236.endf, n-094_Pu_244.endf, n-095_Am_242.endf, n-095_Am_242m1.endf, n-095_Am_244.endf, n-095_Am_244m1.endf, n-096_Cm_241.endf, n-096_Cm_243.endf, n-096_Cm_248.endf, n-096_Cm_249.endf, n-096_Cm_250.endf, n-097_Bk_249.endf, n-097_Bk_250.endf, n-098_Cf_247.endf, n-098_Cf_250.endf, n-098_Cf_254.endf, n-099_Es_255.endf,

fudge-4.0 Energy range of data set does not match cross section range: n-006_C_012.endf, n-008_0_016.endf, n-008_0_018.endf, n-013_Al_026m1.endf, n-013_Al_027.endf, n-014_Si_028.endf, n-014_Si_029.endf, n-014_Si_030.endf, n-014_Si_032.endf, n-016_S_032.endf, n-016_S_033.endf, n-016_S_034.endf, n-016_S_035.endf, n-016_S_036.endf, n-017_Cl_035.endf, n-017_Cl_036.endf, n-017_Cl_037.endf, n-019_K_039.endf, n-020_Ca_040.endf, n-023_V_049.endf, n-026_Fe_054.endf, n-026_Fe_056.endf, n-027_Co_059.endf, n-028_Ni_063.endf, n-029_Cu_065.endf, n-032_Ge_071.endf, n-033_As_073.endf, n-033_As_074.endf, n-034_Se_079.endf, n-036_Kr_078.endf, n-036_Kr_080.endf, n-038_Sr_090.endf, n-039_Y_089.endf, n-040_Zr_090.endf, n-040_Zr_093.endf, n-040_Zr_094.endf, n-043_Tc_099.endf, n-044_Ru_103.endf, n-046_Pd_103.endf, n-049_In_113.endf, n-050_Sn_115.endf, n-050_Sn_121m1.endf, n-051_Sb_121.endf, n-051_Sb_123.endf, n-051_Sb_125.endf, n-052_Te_130.endf, n-053_I_127.endf, n-053_I_131.endf, n-053_I_135.endf, n-055_Cs_136.endf, n-056_Ba_138.endf, n-057_La_138.endf, n-057_La_139.endf, n-061_Pm_146.endf, n-061_Pm_149.endf, n-063_Eu_157.endf, n-064_Gd_152.endf, n-064_Gd_157.endf, n-065_Tb_158.endf, n-068_Er_169.endf, n-069_Tm_168.endf, n-069_Tm_169.endf, n-069_Tm_170.endf, n-069_Tm_171.endf, n-070_Yb_169.endf, n-070_Yb_175.endf, n-072_Hf_176.endf, n-072_Hf_177.endf, n-072_Hf_178.endf, n-072_Hf_179.endf, n-072_Hf_180.endf, n-074_W_181.endf, n-074_W_182.endf, n-074_W_183.endf, n-074_W_184.endf, n-074_W_185.endf, n-074_W_186.endf, n-075_Re_186m1.endf, n-076_Os_185.endf, n-077_Ir_193.endf, n-077_Ir_194m1.endf, n-082_Pb_208.endf, n-083_Bi_210m1.endf, n-084_Po_209.endf, n-090_Th_232.endf, n-092_U_234.endf, n-092_U_236.endf, n-092_U_240.endf, n-092_U_241.endf, n-094_Pu_238.endf, n-094_Pu_239.endf, n-094_Pu_240.endf, n-094_Pu_243.endf, n-095_Am_242.endf, n-095_Am_242m1.endf, n-095_Am_243.endf,

fudge-4.0 Fission Q value inconsistent with fission energy release data.: n-092_U_235.endf, n-092_U_238.endf,

fudge-4.0 Fission energy release seems unphysical.: n-091_Pa_231.endf, n-091_Pa_233.endf, n-092_U_237.endf, n-092_U_239.endf, n-092_U_241.endf,

fudge-4.0 Found a negative probability: n-008_0_016.endf, n-026_Fe_054.endf, n-026_Fe_056.endf, n-026_Fe_057.endf, n-026_Fe_058.endf, n-039_Y_089.endf, n-039_Y_090.endf, n-040_Zr_091.endf, n-040_Zr_093.endf, n-040_Zr_095.endf, n-045_Rh_103.endf, n-047_Ag_109.endf, n-050_Sn_125.endf, n-053_I_127.endf, n-054_Xe_136.endf, n-057_La_140.endf, n-064_Gd_156.endf, n-066_Dy_154.endf, n-066_Dy_164.endf, n-067_Ho_165.endf, n-074_W_180.endf, n-074_W_182.endf, n-074_W_183.endf, n-074_W_184.endf, n-074_W_186.endf, n-076_Os_192.endf, n-077_Ir_191.endf, n-077_Ir_193.endf, n-079_Au_197.endf, n-080_Hg_196.endf, n-080_Hg_198.endf, n-088_Ra_223.endf, n-088_Ra_224.endf, n-088_Ra_225.endf, n-088_Ra_226.endf, n-091_Pa_231.endf, n-091_Pa_233.endf, n-092_U_234.endf, n-092_U_236.endf, n-092_U_237.endf, n-092_U_239.endf, n-092_U_240.endf, n-092_U_241.endf, n-093_Np_237.endf, n-094_Pu_238.endf, n-094_Pu_239.endf, n-094_Pu_240.endf, n-094_Pu_245.endf, n-095_Am_242.endf, n-095_Am_242m1.endf, n-095_Am_243.endf,

fudge-4.0 If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.:

n-018_Ar_040.endf, n-022_Ti_046.endf, n-022_Ti_047.endf, n-022_Ti_048.endf, n-022_Ti_049.endf, n-022_Ti_050.endf, n-023_V_051.endf, n-026_Fe_054.endf, n-026_Fe_056.endf, n-026_Fe_057.endf, n-026_Fe_058.endf, n-027_Co_059.endf, n-028_Ni_058.endf, n-028_Ni_059.endf, n-028_Ni_060.endf, n-028_Ni_061.endf, n-028_Ni_062.endf, n-028_Ni_064.endf, n-029_Cu_063.endf, n-029_Cu_065.endf, n-032_Ge_070.endf, n-032_Ge_072.endf, n-032_Ge_073.endf, n-032_Ge_074.endf, n-032_Ge_076.endf, n-033_As_073.endf, n-033_As_074.endf, n-033_As_075.endf, n-036_Kr_078.endf, n-036_Kr_085.endf, n-037_Rb_086.endf, n-039_Y_089.endf, n-042_Mo_095.endf, n-043_Tc_099.endf, n-044_Ru_101.endf, n-045_Rh_103.endf, n-046_Pd_105.endf, n-047_Ag_109.endf, n-047_Ag_111.endf, n-047_Ag_112.endf, n-047_Ag_114.endf, n-047_Ag_116.endf, n-047_Ag_118m1.endf, n-050_Sn_113.endf, n-050_Sn_120.endf, n-051_Sb_122.endf, n-052_Te_132.endf, n-053_I_132.endf, n-053_I_132m1.endf, n-054_Xe_124.endf, n-054_Xe_131.endf, n-055-Cs_133.endf, n-056_Ba_133.endf, n-058_Ce_136.endf, n-058_Ce_138.endf, n-058_Ce_139.endf, n-058_Ce_143.endf, n-059_Pr_141.endf, n-059_Pr_142.endf, n-060_Nd_142.endf, n-060_Nd_143.endf, n-060_Nd_144.endf, n-060_Nd_145.endf, n-060_Nd_146.endf, n-060_Nd_147.endf, n-060_Nd_148.endf, n-060_Nd_150.endf, n-061_Pm_150.endf, n-062_Sm_144.endf, n-062_Sm_147.endf, n-062_Sm_148.endf, n-062_Sm_149.endf, n-062_Sm_150.endf, n-062_Sm_151.endf, n-062_Sm_152.endf, n-062_Sm_153.endf, n-062_Sm_154.endf, n-063_Eu_153.endf, n-064_Gd_152.endf, n-064_Gd_153.endf, n-064_Gd_154.endf, n-064_Gd_155.endf, n-064_Gd_156.endf, n-064_Gd_157.endf, n-064_Gd_158.endf, n-064_Gd_160.endf, n-065_Tb_161.endf, n-066_Dy_154.endf, n-066_Dy_156.endf, n-066_Dy_158.endf, n-066_Dy_159.endf, n-066_Dy_160.endf, n-066_Dy_161.endf, n-066_Dy_162.endf, n-066_Dy_163.endf, n-066_Dy_164.endf, n-068_Er_169.endf, n-069_Tm_171.endf, n-070_Yb_175.endf, n-072_Hf_174.endf, n-072_Hf_176.endf, n-072_Hf_177.endf, n-072_Hf_178.endf, n-072_Hf_179.endf, n-072_Hf_180.endf, n-074_W_180.endf, n-074_W_182.endf, n-074_W_183.endf, n-074_W_184.endf, n-074_W_185.endf, n-074_W_186.endf, n-076_Os_184.endf, n-076_Os_186.endf, n-076_Os_187.endf, n-076_Os_188.endf, n-076_Os_189.endf, n-076_Os_190.endf, n-076_Os_192.endf, n-077_Ir_191.endf, n-077_Ir_193.endf, n-077_Ir_194m1.endf, n-090_Th_232.endf, n-091_Pa_231.endf, n-091_Pa_233.endf, n-092_U_235.endf, n-092_U_238.endf, n-094_Pu_239.endf, n-094_Pu_245.endf, n-095_Am_241.endf,

fudge-4.0 Level energy in gamma data doesn't match level energy in cross section data: n-092_U_235.endf,

fudge-4.0 Outgoing distributions are required for neutrons in the ENDF format (you do want to do neutronics, right?): n-010_Ne_020.endf, n-010_Ne_021.endf, n-010_Ne_022.endf, n-018_Ar_037.endf, n-018_Ar_041.endf, n-020_Ca_045.endf, n-020_Ca_047.endf, n-024_Cr_051.endf, n-025_Mn_054.endf, n-026_Fe_055.endf, n-034_Se_075.endf, n-036_Kr_081.endf, n-042_Mo_093.endf, n-043_Tc_098.endf, n-044_Ru_097.endf, n-048_Cd_109.endf, n-061_Pm_143.endf, n-061_Pm_144.endf, n-061_Pm_145.endf, n-062_Sm_145.endf, n-076_Os_191.endf, n-077_Ir_192.endf, n-078_Pt_190.endf, n-078_Pt_191.endf, n-078_Pt_192.endf, n-078_Pt_193.endf, n-078_Pt_194.endf, n-078_Pt_195.endf, n-078_Pt_196.endf, n-078_Pt_197.endf, n-078_Pt_198.endf, n-080_Hg_203.endf, n-081_Tl_204.endf, n-082_Pb_205.endf, n-084_Po_208.endf, n-084_Po_210.endf,

fudge-4.0 Primary gamma energy at threshold should be \leq available energy (depending on which discrete level it ends up in): n-006_c_012.endf,

fudge-4.0 Since the min allowed variance is 0, this means really you have a negative variance!!!!: n-025_Mn_055.endf, n-074_W_180.endf, n-074_W_182.endf, n-074_W_183.endf, n-074_W_184.endf, n-074_W_186.endf, n-090_Th_232.endf, n-092_U_233.endf,

fudge-4.0 The file is missing a big chunk of data (I bet it's gamma data isn't it?): n-007_N_014.endf,

fudge-4.0 The r(E) in Kalbach-Mann formulation is outside of allowed bounds: n-072_Hf_181.endf, n-072_Hf_182.endf,

fudge-4.0 The spin statistical weights are off, indicating missing channels: n-008_0_018.endf, n-010_Ne_020.endf, n-010_Ne_021.endf, n-011_Na_022.endf, n-011_Na_023.endf, n-012_Mg_025.endf, n-013_Al_027.endf, n-014_Si_029.endf,

n-014_Si_030.endf, n-014_Si_031.endf, n-016_S_035.endf, n-017_Cl_036.endf, n-018_Ar_037.endf, n-018_Ar_039.endf, n-018_Ar_040.endf, n-018_Ar_041.endf, n-020_Ca_040.endf, n-020_Ca_041.endf, n-020_Ca_043.endf, n-020_Ca_045.endf, n-020_Ca_047.endf, n-021_Sc_045.endf, n-022_Ti_047.endf, n-022_Ti_049.endf, n-022_Ti_050.endf, n-023_V_049.endf, n-023_V_051.endf, n-024_Cr_051.endf, n-025_Mn_054.endf, n-026_Fe_055.endf, n-027_Co_058m1.endf, n-027_Co_059.endf, n-028_Ni_059.endf, n-028_Ni_061.endf, n-028_Ni_063.endf, n-029_Cu_064.endf, n-030_Zn_066.endf, n-030_Zn_067.endf, n-030_Zn_068.endf, n-030_Zn_069.endf, n-031_Ga_069.endf, n-031_Ga_070.endf, n-031_Ga_071.endf, n-032_Ge_071.endf, n-032_Ge_073.endf, n-032_Ge_075.endf, n-033_As_073.endf, n-033_As_075.endf, n-034_Se_074.endf, n-034_Se_075.endf, n-034_Se_076.endf, n-034_Se_077.endf, n-034_Se_078.endf, n-034_Se_081.endf, n-035_Br_080.endf, n-035_Br_081.endf, n-036_Kr_079.endf, n-036_Kr_081.endf, n-037_Rb_085.endf, n-037_Rb_086.endf, n-037_Rb_087.endf, n-038_Sr_084.endf, n-038_Sr_085.endf, n-038_Sr_087.endf, n-039_Y_089.endf, n-039_Y_090.endf, n-040_Zr_091.endf, n-040_Zr_093.endf, n-041_Nb_093.endf, n-042_Mo_093.endf, n-042_Mo_095.endf, n-042_Mo_097.endf, n-043_Tc_098.endf, n-043_Tc_099.endf, n-044_Ru_097.endf, n-044_Ru_101.endf, n-045_Rh_103.endf, n-045_Rh_104.endf, n-045_Rh_105.endf, n-046_Pd_103.endf, n-046_Pd_105.endf, n-046_Pd_109.endf, n-047_Ag_107.endf, n-047_Ag_108.endf, n-047_Ag_109.endf, n-047_Ag_111.endf, n-047_Ag_112.endf, n-047_Ag_113.endf, n-047_Ag_114.endf, n-047_Ag_115.endf, n-047_Ag_117.endf, n-048_Cd_106.endf, n-048_Cd_107.endf, n-048_Cd_108.endf, n-048_Cd_109.endf, n-048_Cd_111.endf, n-048_Cd_113.endf, n-048_Cd_115m1.endf, n-048_Cd_116.endf, n-049_In_113.endf, n-049_In_114.endf, n-049_In_115.endf, n-050_Sn_113.endf, n-050_Sn_117.endf, n-050_Sn_119.endf, n-050_Sn_121m1.endf, n-050_Sn_125.endf, n-051_Sb_121.endf, n-051_Sb_122.endf, n-051_Sb_123.endf, n-051_Sb_126.endf, n-052_Te_121.endf, n-052_Te_121m1.endf, n-052_Te_125.endf, n-052_Te_131.endf, n-052_Te_131m1.endf, n-053_I_127.endf, n-053_I_128.endf, n-053_I_129.endf, n-053_I_130.endf, n-053_I_132.endf, n-053_I_132m1.endf, n-053_I_133.endf, n-053_I_134.endf, n-054_Xe_125.endf, n-054_Xe_127.endf, n-054_Xe_131.endf, n-054_Xe_135.endf, n-055-Cs_133.endf, n-056_Ba_131.endf, n-056_Ba_135.endf, n-056_Ba_137.endf, n-056_Ba_139.endf, n-057_La_139.endf, n-058_Ce_137.endf, n-058_Ce_137m1.endf, n-059_Pr_141.endf, n-060_Nd_143.endf, n-060_Nd_149.endf, n-061_Pm_143.endf, n-061_Pm_144.endf, n-061_Pm_145.endf, n-061_Pm_146.endf, n-061_Pm_148m1.endf, n-061_Pm_150.endf, n-062_Sm_145.endf, n-064_Gd_159.endf, n-065_Tb_158.endf, n-070_Yb_174.endf, n-074_W_183.endf, n-078_Pt_191.endf, n-078_Pt_195.endf, n-078_Pt_196.endf, n-078_Pt_197.endf, n-078_Pt_199.endf, n-081_Tl_205.endf, n-082_Pb_207.endf, n-083_Bi_209.endf, n-091_Pa_231.endf, n-092_U_233.endf, n-092_U_235.endf, n-092_U_236.endf, n-092_U_238.endf, n-094_Pu_239.endf, n-094_Pu_240.endf, n-094_Pu_241.endf, n-094_Pu_242.endf, n-094_Pu_243.endf, n-099_Es_253.endf,

fudge-4.0 The sum of the gamma branching ratios going out of a specific level do not sum to 1.0.:

n-010_Ne_021.endf, n-018_Ar_037.endf, n-018_Ar_041.endf, n-020_Ca_047.endf, n-024_Cr_051.endf, n-025_Mn_054.endf, n-026_Fe_055.endf, n-027_Co_059.endf, n-034_Se_075.endf, n-036_Kr_081.endf, n-042_Mo_093.endf, n-048_Cd_109.endf, n-061_Pm_145.endf, n-072_Hf_177.endf, n-072_Hf_178.endf, n-072_Hf_179.endf, n-072_Hf_180.endf, n-076_Os_191.endf, n-078_Pt_191.endf, n-078_Pt_192.endf, n-078_Pt_193.endf, n-078_Pt_195.endf, n-078_Pt_196.endf, n-081_Tl_204.endf, n-082_Pb_205.endf, n-084_Po_210.endf, n-095_Am_241.endf,

fudge-4.0 Unresolved L= $\%i$ / J= $\%i$.lf widths don't span URR energy limits: n-078_Pt_192.endf,

fudge-4.0 Weights in a weighted sum don't sum up to one: n-056_Ba_140.endf, n-088_Ra_223.endf, n-088_Ra_224.endf, n-088_Ra_225.endf, n-088_Ra_226.endf, n-095_Am_244.endf, n-095_Am_244m1.endf,

fudge-4.0 ZA doesn't balance for this reaction: n-005_B_010.endf, n-005_B_011.endf, n-007_N_014.endf, n-007_N_015.endf, n-008_O_016.endf, n-011_Na_023.endf, n-015_P_031.endf, n-021_Sc_045.endf, n-041_Nb_093.endf, n-042_Mo_092.endf, n-042_Mo_094.endf, n-042_Mo_096.endf, n-042_Mo_097.endf, n-042_Mo_098.endf, n-047_Ag_107.endf, n-067_Ho_165.endf, n-070_Yb_168.endf, n-070_Yb_170.endf, n-070_Yb_171.endf, n-070_Yb_172.endf, n-070_Yb_173.endf, n-070_Yb_174.endf, n-070_Yb_176.endf, n-072_Hf_181.endf, n-072_Hf_182.endf, n-079_Au_197.endf, n-083_Bi_209.endf, n-092_U_234.endf, n-092_U_236.endf, n-092_U_237.endf, n-092_U_239.endf, n-092_U_240.endf, n-092_U_241.endf, n-093_Np_237.endf, n-094_Pu_240.endf, n-094_Pu_241.endf, n-094_Pu_243.endf, n-095_Am_243.endf,

groupie generic error message: n-008_O_018.endf, n-014_Si_029.endf, n-030_Zn_070.endf, n-038_Sr_086.endf, n-040_Zr_094.endf, n-042_Mo_094.endf, n-042_Mo_096.endf, n-042_Mo_098.endf, n-044_Ru_100.endf, n-048_Cd_114.endf, n-048_Cd_116.endf, n-050_Sn_116.endf, n-050_Sn_120.endf, n-052_Te_124.endf, n-052_Te_126.endf, n-052_Te_128.endf, n-052_Te_130.endf, n-052_Te_132.endf, n-054_Xe_130.endf, n-056_Ba_136.endf, n-058_Ce_142.endf, n-060_Nd_146.endf, n-064_Gd_152.endf, n-076_Os_186.endf, n-076_Os_188.endf, n-078_Pt_192.endf, n-078_Pt_198.endf, n-092_U_236.endf, n-094_Pu_240.endf,

inter4web Exception AttributeError was thrown: n-013_Al_026m1.endf, n-027_Co_058m1.endf, n-047_Ag_110m1.endf, n-047_Ag_118m1.endf, n-048_Cd_115m1.endf, n-050_Sn_121m1.endf, n-052_Te_121m1.endf, n-052_Te_127m1.endf, n-052_Te_129m1.endf, n-052_Te_131m1.endf, n-053_I_132m1.endf, n-058_Ce_137m1.endf, n-061_Pm_148m1.endf, n-067_Ho_166m1.endf, n-075_Re_186m1.endf, n-077_Ir_194m1.endf, n-080_Hg_197m1.endf, n-083_Bi_210m1.endf, n-093_Np_236m1.endf, n-095_Am_242m1.endf, n-095_Am_244m1.endf, n-099_Es_254m1.endf,

legend Angular distribution is negative: n-026_Fe_054.endf, n-026_Fe_056.endf, n-026_Fe_057.endf, n-026_Fe_058.endf, n-039_Y_090.endf, n-047_Ag_109.endf, n-053_I_127.endf, n-054_Xe_136.endf, n-064_Gd_156.endf, n-066_Dy_164.endf, n-067_Ho_165.endf, n-074_W_180.endf, n-074_W_182.endf, n-074_W_183.endf, n-074_W_184.endf, n-074_W_186.endf, n-079_Au_197.endf, n-080_Hg_196.endf, n-080_Hg_198.endf, n-088_Ra_223.endf, n-088_Ra_224.endf, n-088_Ra_225.endf, n-088_Ra_226.endf, n-091_Pa_231.endf, n-091_Pa_233.endf, n-092_U_234.endf, n-092_U_236.endf, n-092_U_237.endf, n-092_U_239.endf, n-092_U_240.endf, n-092_U_241.endf, n-093_Np_237.endf, n-094_Pu_238.endf, n-094_Pu_239.endf, n-094_Pu_240.endf, n-095_Am_242.endf, n-095_Am_242m1.endf, n-095_Am_243.endf,

legend Incident energies are out of order: n-006_C_013.endf, n-020_Ca_040.endf, n-020_Ca_042.endf, n-020_Ca_043.endf, n-020_Ca_044.endf, n-020_Ca_048.endf, n-050_Sn_124.endf, n-061_Pm_148m1.endf, n-082_Pb_204.endf,

linear Negative cross section found: n-011_Na_022.endf, n-012_Mg_024.endf, n-018_Ar_036.endf, n-018_Ar_040.endf, n-026_Fe_056.endf, n-037_Rb_086.endf, n-042_Mo_095.endf, n-044_Ru_101.endf, n-046_Pd_105.endf, n-048_Cd_106.endf, n-048_Cd_111.endf, n-058_Ce_139.endf, n-058_Ce_141.endf, n-058_Ce_143.endf, n-060_Nd_144.endf, n-062_Sm_151.endf, n-063_Eu_153.endf, n-063_Eu_154.endf, n-063_Eu_155.endf, n-064_Gd_153.endf, n-064_Gd_154.endf, n-064_Gd_155.endf, n-064_Gd_156.endf, n-064_Gd_157.endf, n-065_Tb_160.endf, n-066_Dy_158.endf, n-066_Dy_160.endf, n-066_Dy_161.endf, n-073-Ta_181.endf, n-082_Pb_207.endf, n-094_Pu_243.endf,

njoy2016 An angular distribution is negative: n-008_O_016.endf, n-026_Fe_054.endf, n-026_Fe_056.endf, n-026_Fe_057.endf, n-026_Fe_058.endf, n-039_Y_089.endf, n-039_Y_090.endf, n-040_Zr_091.endf, n-040_Zr_093.endf, n-040_Zr_095.endf, n-045_Rh_103.endf, n-047_Ag_109.endf, n-050_Sn_125.endf, n-053_I_127.endf, n-054_Xe_136.endf, n-057_La_140.endf, n-064_Gd_156.endf, n-066_Dy_154.endf, n-066_Dy_164.endf, n-067_Ho_165.endf, n-074_W_180.endf, n-074_W_182.endf, n-074_W_183.endf, n-074_W_184.endf, n-074_W_186.endf, n-076_Os_192.endf, n-077_Ir_191.endf, n-077_Ir_193.endf, n-079_Au_197.endf, n-080_Hg_196.endf, n-080_Hg_198.endf, n-088_Ra_223.endf, n-088_Ra_224.endf, n-088_Ra_225.endf, n-088_Ra_226.endf, n-091_Pa_231.endf, n-091_Pa_233.endf, n-092_U_234.endf, n-092_U_236.endf, n-092_U_237.endf, n-092_U_239.endf, n-092_U_240.endf, n-092_U_241.endf, n-093_Np_237.endf, n-094_Pu_238.endf, n-094_Pu_239.endf, n-094_Pu_240.endf, n-094_Pu_245.endf, n-095_Am_242.endf, n-095_Am_242m1.endf, n-095_Am_243.endf,

njoy2016 An unidentified mismatch in a photon production sum: n-013_Al_027.endf, n-070_Yb_170.endf, n-070_Yb_171.endf, n-070_Yb_172.endf, n-070_Yb_173.endf, n-070_Yb_174.endf, n-070_Yb_176.endf,

njoy2016 Main energy grid is not monotonic: n-042_Mo_096.endf, n-042_Mo_097.endf, n-082_Pb_204.endf, n-082_Pb_206.endf, n-092_U_241.endf,

njoy2016 The elastic cross section is negative: n-058_Ce_136.endf, n-062_Sm_150.endf,

psyche A probability distribution is negative. This is bad.: n-026_Fe_054.endf, n-026_Fe_057.endf, n-026_Fe_058.endf, n-039_Y_089.endf, n-039_Y_090.endf, n-050_Sn_125.endf, n-053_I_127.endf, n-057_La_140.endf, n-066_Dy_154.endf,

n-066_Dy_164.endf, n-067_Ho_165.endf, n-074_W_180.endf, n-074_W_182.endf, n-074_W_183.endf, n-074_W_184.endf, n-074_W_186.endf, n-076_Os_192.endf, n-077_Ir_191.endf, n-077_Ir_193.endf, n-079_Au_197.endf, n-091_Pa_233.endf, n-092_U_236.endf, n-092_U_237.endf, n-092_U_239.endf, n-092_U_240.endf, n-092_U_241.endf, n-093_Np_237.endf, n-094_Pu_238.endf, n-094_Pu_239.endf, n-094_Pu_240.endf, n-094_Pu_245.endf, n-095_Am_243.endf,

psyche PSYCHE attempted to compute average Eg, found something unusual: n-017_Cl_035.endf, n-017_Cl_037.endf, n-020_Ca_040.endf, n-020_Ca_042.endf, n-020_Ca_043.endf, n-020_Ca_044.endf, n-020_Ca_046.endf, n-020_Ca_048.endf, n-053_I_127.endf, n-082_Pb_204.endf, n-082_Pb_206.endf, n-082_Pb_207.endf,

psyche TEND marker at end of file is missing: n-078_Pt_191.endf, n-078_Pt_192.endf, n-078_Pt_194.endf, n-078_Pt_195.endf, n-078_Pt_196.endf, n-078_Pt_197.endf, n-078_Pt_198.endf,

xsectplotter Duplicate Eout in outgoing distribution: n-030_Zn_064.endf, n-048_Cd_109.endf, n-062_Sm_145.endf, n-066_Dy_159.endf, n-076_Os_186.endf, n-076_Os_187.endf, n-076_Os_189.endf, n-076_Os_190.endf, n-076_Os_192.endf, n-077_Ir_192.endf, n-078_Pt_191.endf, n-090_Th_233.endf, n-090_Th_234.endf, n-091_Pa_229.endf, n-093_Np_236.endf, n-093_Np_236m1.endf, n-093_Np_239.endf, n-094_Pu_236.endf, n-094_Pu_237.endf, n-094_Pu_244.endf, n-096_Cm_240.endf, n-096_Cm_241.endf, n-096_Cm_245.endf, n-096_Cm_246.endf, n-097_Bk_247.endf, n-097_Bk_250.endf, n-098_Cf_248.endf, n-098_Cf_254.endf, n-099_Es_251.endf, n-099_Es_252.endf, n-099_Es_253.endf, n-099_Es_254.endf, n-099_Es_254m1.endf, n-100_Fm_255.endf,

xsectplotter ENDF format insists that all outgoing fission neutrons, delayed or otherwise, have spectra. For delayed neutrons this is tough.: n-090_Th_228.endf, n-090_Th_230.endf, n-090_Th_233.endf, n-090_Th_234.endf, n-093_Np_236.endf, n-093_Np_236m1.endf, n-093_Np_239.endf, n-094_Pu_236.endf, n-094_Pu_244.endf, n-095_Am_242.endf, n-095_Am_242m1.endf, n-095_Am_244.endf, n-095_Am_244m1.endf, n-096_Cm_241.endf, n-096_Cm_243.endf, n-096_Cm_248.endf, n-096_Cm_249.endf, n-096_Cm_250.endf, n-097_Bk_249.endf, n-097_Bk_250.endf, n-098_Cf_247.endf, n-098_Cf_250.endf, n-098_Cf_254.endf, n-099_Es_255.endf,

xsectplotter Exception AttributeError was thrown: n-008_O_016.endf, n-009_F_019.endf, n-014_Si_028.endf, n-014_Si_029.endf, n-014_Si_030.endf, n-024_Cr_050.endf, n-024_Cr_052.endf, n-024_Cr_053.endf, n-028_Ni_058.endf, n-028_Ni_060.endf, n-078_Pt_191.endf, n-078_Pt_192.endf, n-078_Pt_194.endf, n-078_Pt_195.endf, n-078_Pt_196.endf, n-078_Pt_197.endf, n-078_Pt_198.endf,

xsectplotter Fission Q value inconsistent with fission energy release data.: n-092_U_235.endf, n-092_U_238.endf,

xsectplotter Level energy in gamma data doesn't match level energy in cross section data: n-092_U_235.endf,

xsectplotter The file is missing a big chunk of data (I bet it's gamma data isn't it?): n-007_N_014.endf,

xsectplotter The sum of the gamma branching ratios going out of a specific level do not sum to 1.0.: n-010_Ne_021.endf, n-018_Ar_037.endf, n-018_Ar_041.endf, n-020_Ca_047.endf, n-024_Cr_051.endf, n-025_Mn_054.endf, n-026_Fe_055.endf, n-027_Co_059.endf, n-034_Se_075.endf, n-036_Kr_081.endf, n-042_Mo_093.endf, n-048_Cd_109.endf, n-061_Pm_145.endf, n-072_Hf_177.endf, n-072_Hf_178.endf, n-072_Hf_179.endf, n-072_Hf_180.endf, n-076_Os_191.endf, n-078_Pt_191.endf, n-078_Pt_192.endf, n-078_Pt_193.endf, n-078_Pt_195.endf, n-078_Pt_196.endf, n-081_Tl_204.endf, n-082_Pb_205.endf, n-084_Po_210.endf, n-095_Am_241.endf,

WARNING SUMMARY

acelst The incident energy grid is not monotonic for this angular distribution: n-001_H_002.endf, n-006_C_012.endf, n-006_C_013.endf, n-007_N_014.endf, n-008_O_016.endf, n-010_Ne_020.endf, n-010_Ne_021.endf, n-010_Ne_022.endf, n-014_Si_028.endf, n-014_Si_029.endf, n-014_Si_030.endf, n-018_Ar_037.endf, n-018_Ar_041.endf, n-020_Ca_040.endf, n-020_Ca_042.endf, n-020_Ca_043.endf, n-020_Ca_044.endf, n-020_Ca_045.endf, n-020_Ca_046.endf, n-020_Ca_047.endf,

n-020_Ca_048.endf, n-024_Cr_050.endf, n-024_Cr_051.endf, n-024_Cr_052.endf, n-024_Cr_053.endf, n-024_Cr_054.endf, n-025_Mn_054.endf, n-025_Mn_055.endf, n-026_Fe_054.endf, n-026_Fe_055.endf, n-026_Fe_056.endf, n-026_Fe_057.endf, n-026_Fe_058.endf, n-028_Ni_058.endf, n-028_Ni_060.endf, n-028_Ni_061.endf, n-028_Ni_062.endf, n-028_Ni_064.endf, n-029_Cu_063.endf, n-029_Cu_065.endf, n-034_Se_075.endf, n-036_Kr_081.endf, n-041_Nb_093.endf, n-042_Mo_093.endf, n-043_Tc_098.endf, n-044_Ru_097.endf, n-048_Cd_109.endf, n-050_Sn_124.endf, n-061_Pm_143.endf, n-061_Pm_144.endf, n-061_Pm_145.endf, n-061_Pm_148m1.endf, n-062_Sm_145.endf, n-064_Gd_159.endf, n-065_Tb_158.endf, n-065_Tb_161.endf, n-068_Er_163.endf, n-068_Er_165.endf, n-068_Er_169.endf, n-069_Tm_168.endf, n-069_Tm_169.endf, n-069_Tm_170.endf, n-069_Tm_171.endf, n-070_Yb_169.endf, n-070_Yb_175.endf, n-072_Hf_175.endf, n-074_W_180.endf, n-074_W_181.endf, n-074_W_182.endf, n-074_W_183.endf, n-074_W_184.endf, n-074_W_185.endf, n-074_W_186.endf, n-076_Os_185.endf, n-076_Os_191.endf, n-077_Ir_192.endf, n-077_Ir_194m1.endf, n-078_Pt_190.endf, n-078_Pt_191.endf, n-078_Pt_192.endf, n-078_Pt_193.endf, n-078_Pt_194.endf, n-078_Pt_195.endf, n-078_Pt_196.endf, n-078_Pt_197.endf, n-078_Pt_198.endf, n-080_Hg_196.endf, n-080_Hg_197.endf, n-080_Hg_197m1.endf, n-080_Hg_198.endf, n-080_Hg_199.endf, n-080_Hg_200.endf, n-080_Hg_201.endf, n-080_Hg_202.endf, n-080_Hg_203.endf, n-080_Hg_204.endf, n-081_Tl_203.endf, n-081_Tl_204.endf, n-081_Tl_205.endf, n-082_Pb_204.endf, n-082_Pb_205.endf, n-082_Pb_207.endf, n-083_Bi_209.endf, n-083_Bi_210m1.endf, n-084_Po_208.endf, n-084_Po_209.endf, n-084_Po_210.endf, n-090_Th_232.endf, n-092_U_234.endf, n-092_U_235.endf, n-092_U_236.endf, n-092_U_238.endf, n-092_U_240.endf, n-094_Pu_245.endf, n-096_Cm_243.endf, n-096_Cm_248.endf, n-098_Cf_247.endf,

acelst generic warning message: n-008_0_017.endf, n-009_F_019.endf, n-011_Na_022.endf, n-011_Na_023.endf, n-018_Ar_036.endf, n-018_Ar_038.endf, n-027_Co_058m1.endf, n-042_Mo_096.endf, n-042_Mo_097.endf, n-056_Ba_140.endf, n-073-Ta_182.endf, n-082_Pb_204.endf, n-082_Pb_206.endf, n-088_Ra_223.endf, n-088_Ra_224.endf, n-088_Ra_225.endf, n-088_Ra_226.endf, n-092_U_241.endf, n-095_Am_244.endf, n-095_Am_244m1.endf,

checkr ENDF format needlessly restrict number of Legendre moments: n-026_Fe_058.endf,

checkr OK to have covariance for missing cross section: n-028_Ni_058.endf, n-028_Ni_060.endf,

endf2htm Build of a section of the HTML page failed because the format hasn't been implemented in ENDF2HTML: n-011_Na_023.endf, n-017_Cl_035.endf, n-029_Cu_063.endf, n-029_Cu_065.endf, n-069_Tm_169.endf, n-069_Tm_170.endf, n-074_W_182.endf, n-074_W_183.endf, n-074_W_184.endf, n-074_W_186.endf, n-081_Tl_203.endf, n-081_Tl_205.endf, n-090_Th_232.endf, n-092_U_233.endf,

fizcon 2-body MT102 OK for 1H: 1H(n,g)2H: n-001_H_001.endf,

fizcon 2-body MT105 OK for 6Li: 6Li(n,t)a: n-003_Li_006.endf,

fizcon About 3 eV away from the actual energy of the first excited state, so close enough: n-090_Th_229.endf,

fizcon Cross-correlations with threshold reactions, so covariance doesn't start at 10e-5 eV, FIZCON bug!: n-074_W_180.endf, n-074_W_182.endf, n-074_W_183.endf, n-074_W_184.endf, n-074_W_186.endf, n-090_Th_232.endf,

fizcon ENDF MAT number rule doesn't work for neutrons as target: n-000_n_001.endf,

fizcon For continuum reactions, specifying outgoing distributions in the Lab frame makes it easier for everyone downstream: n-008_0_018.endf,

fizcon GANDR gave this guy huge uncertainties, they are correct, but the evaluations could be better: n-025_Mn_055.endf,

fizcon It is OK for uncertainty to be bigger than value: n-089_Ac_227.endf, n-091_Pa_232.endf, n-092_U_237.endf, n-096_Cm_250.endf, n-097_Bk_250.endf,

fizcon Nested NC-type cov. OK: n-008_0_016.endf, n-014_Si_028.endf, n-082_Pb_204.endf, n-082_Pb_206.endf, n-082_Pb_207.endf, n-082_Pb_208.endf, n-094_Pu_242.endf,

fizcon Resonances with negative widths are allowed and used to denote the spins when have degenerate spins: n-092_U_235.endf,

fizcon These are isomer targets, the energy of the first level one can get to is zero!: n-048_Cd_115m1.endf, n-067_Ho_166m1.endf,

fizcon Threshold reaction, so covariance doesn't start at 10e-5 eV, FIZCON bug!: n-074_W_180.endf, n-074_W_182.endf, n-074_W_183.endf, n-074_W_184.endf, n-074_W_186.endf, n-090_Th_232.endf,

fudge-4.0 Breakup into e+e- pairs not yet supported by fudge: n-005_B_010.endf,

fudge-4.0 Could not determine spin/parity so either reaction designator not specific enough or PoPs is missing an entry: n-065_Tb_161.endf, n-066_Dy_155.endf, n-066_Dy_157.endf, n-068_Er_163.endf, n-068_Er_165.endf, n-068_Er_169.endf, n-069_Tm_168.endf, n-069_Tm_169.endf, n-069_Tm_170.endf, n-069_Tm_171.endf, n-070_Yb_169.endf, n-070_Yb_175.endf, n-072_Hf_175.endf, n-074_W_181.endf, n-074_W_185.endf, n-076_Os_185.endf, n-076_Os_191.endf, n-077_Ir_192.endf, n-078_Pt_193.endf, n-080_Hg_197.endf, n-080_Hg_203.endf, n-081_Tl_203.endf, n-081_Tl_204.endf, n-082_Pb_204.endf, n-082_Pb_205.endf, n-084_Po_208.endf, n-084_Po_209.endf, n-084_Po_210.endf, n-092_U_232.endf, n-092_U_241.endf, n-094_Pu_245.endf, n-096_Cm_247.endf, n-098_Cf_247.endf,

fudge-4.0 Cross section does not match sum of linked reaction cross sections: n-001_H_001.endf, n-001_H_002.endf, n-002_He_003.endf, n-003_Li_006.endf, n-004_Be_009.endf, n-005_B_010.endf, n-006_C_012.endf, n-006_C_013.endf, n-008_0_016.endf, n-008_0_018.endf, n-009_F_019.endf, n-011_Na_022.endf, n-012_Mg_024.endf, n-012_Mg_025.endf, n-012_Mg_026.endf, n-014_Si_030.endf, n-016_S_032.endf, n-016_S_033.endf, n-016_S_034.endf, n-016_S_036.endf, n-017_Cl_035.endf, n-017_Cl_037.endf, n-018_Ar_036.endf, n-018_Ar_040.endf, n-019_K_039.endf, n-019_K_040.endf, n-019_K_041.endf, n-020_Ca_040.endf, n-020_Ca_042.endf, n-020_Ca_043.endf, n-020_Ca_044.endf, n-020_Ca_046.endf, n-022_Ti_046.endf, n-022_Ti_047.endf, n-022_Ti_050.endf, n-023_V_050.endf, n-024_Cr_050.endf, n-024_Cr_052.endf, n-024_Cr_053.endf, n-026_Fe_054.endf, n-027_Co_058.endf, n-028_Ni_060.endf, n-030_Zn_065.endf, n-030_Zn_066.endf, n-030_Zn_067.endf, n-030_Zn_068.endf, n-030_Zn_070.endf, n-031_Ga_069.endf, n-032_Ge_073.endf, n-033_As_073.endf, n-034_Se_074.endf, n-034_Se_076.endf, n-034_Se_077.endf, n-034_Se_078.endf, n-034_Se_079.endf, n-034_Se_080.endf, n-034_Se_082.endf, n-035_Br_079.endf, n-035_Br_081.endf, n-036_Kr_080.endf, n-036_Kr_082.endf, n-036_Kr_084.endf, n-036_Kr_086.endf, n-037_Rb_085.endf, n-037_Rb_086.endf, n-037_Rb_087.endf, n-038_Sr_084.endf, n-038_Sr_086.endf, n-038_Sr_087.endf, n-038_Sr_089.endf, n-038_Sr_090.endf, n-039_Y_090.endf, n-039_Y_091.endf, n-040_Zr_090.endf, n-040_Zr_092.endf, n-041_Nb_093.endf, n-041_Nb_094.endf, n-041_Nb_095.endf, n-042_Mo_092.endf, n-042_Mo_094.endf, n-042_Mo_096.endf, n-042_Mo_097.endf, n-042_Mo_098.endf, n-042_Mo_099.endf, n-044_Ru_096.endf, n-044_Ru_098.endf, n-044_Ru_099.endf, n-044_Ru_100.endf, n-044_Ru_106.endf, n-045_Rh_105.endf, n-046_Pd_102.endf, n-046_Pd_104.endf, n-046_Pd_107.endf, n-047_Ag_110m1.endf, n-047_Ag_111.endf, n-048_Cd_106.endf, n-048_Cd_110.endf, n-048_Cd_111.endf, n-048_Cd_115m1.endf, n-049_In_113.endf, n-049_In_115.endf, n-050_Sn_112.endf, n-050_Sn_113.endf, n-050_Sn_114.endf, n-050_Sn_115.endf, n-050_Sn_116.endf, n-050_Sn_117.endf, n-050_Sn_118.endf, n-050_Sn_119.endf, n-050_Sn_122.endf, n-050_Sn_123.endf, n-050_Sn_124.endf, n-051_Sb_124.endf, n-051_Sb_125.endf, n-052_Te_120.endf, n-052_Te_122.endf, n-052_Te_123.endf, n-052_Te_124.endf, n-052_Te_125.endf, n-052_Te_126.endf, n-052_Te_127m1.endf, n-052_Te_128.endf, n-052_Te_129m1.endf, n-053_I_127.endf, n-053_I_129.endf, n-053_I_130.endf, n-053_I_131.endf, n-053_I_135.endf, n-054_Xe_126.endf, n-054_Xe_128.endf, n-054_Xe_129.endf, n-054_Xe_130.endf, n-054_Xe_133.endf, n-054_Xe_135.endf, n-055_Cs_134.endf, n-055_Cs_135.endf, n-055_Cs_136.endf, n-055_Cs_137.endf, n-056_Ba_130.endf, n-056_Ba_132.endf, n-056_Ba_134.endf, n-056_Ba_135.endf, n-056_Ba_136.endf, n-056_Ba_137.endf, n-057_La_138.endf, n-057_La_140.endf, n-058_Ce_138.endf, n-058_Ce_139.endf, n-058_Ce_140.endf, n-058_Ce_141.endf, n-058_Ce_143.endf, n-058_Ce_144.endf,

n-059_Pr_142.endf, n-059_Pr_143.endf, n-061_Pm_147.endf, n-061_Pm_148.endf, n-061_Pm_149.endf, n-063_Eu_152.endf, n-063_Eu_153.endf, n-063_Eu_156.endf, n-064_Gd_153.endf, n-064_Gd_154.endf, n-064_Gd_155.endf, n-064_Gd_157.endf, n-064_Gd_158.endf, n-065_Tb_159.endf, n-065_Tb_160.endf, n-066_Dy_154.endf, n-066_Dy_159.endf, n-067_Ho_165.endf, n-068_Er_170.endf, n-070_Yb_168.endf, n-070_Yb_170.endf, n-070_Yb_171.endf, n-070_Yb_172.endf, n-070_Yb_173.endf, n-070_Yb_174.endf, n-070_Yb_176.endf, n-072_Hf_181.endf, n-072_Hf_182.endf, n-073-Ta_182.endf, n-074_W_182.endf, n-076_Os_184.endf, n-076_Os_186.endf, n-076_Os_187.endf, n-076_Os_188.endf, n-076_Os_189.endf, n-076_Os_190.endf, n-076_Os_192.endf, n-077_Ir_191.endf, n-077_Ir_193.endf, n-078_Pt_191.endf, n-078_Pt_192.endf, n-078_Pt_195.endf, n-078_Pt_197.endf, n-078_Pt_198.endf, n-080_Hg_196.endf, n-080_Hg_198.endf, n-080_Hg_199.endf, n-080_Hg_200.endf, n-080_Hg_201.endf, n-080_Hg_202.endf, n-080_Hg_204.endf, n-081_Tl_205.endf, n-082_Pb_207.endf, n-083_Bi_209.endf, n-088_Ra_223.endf, n-088_Ra_224.endf, n-088_Ra_225.endf, n-088_Ra_226.endf, n-089_Ac_225.endf, n-089_Ac_226.endf, n-089_Ac_227.endf, n-090_Th_227.endf, n-090_Th_228.endf, n-090_Th_229.endf, n-090_Th_230.endf, n-090_Th_231.endf, n-090_Th_232.endf, n-090_Th_233.endf, n-090_Th_234.endf, n-091_Pa_229.endf, n-091_Pa_230.endf, n-091_Pa_231.endf, n-091_Pa_232.endf, n-091_Pa_233.endf, n-092_U_231.endf, n-092_U_233.endf, n-092_U_239.endf, n-093_Np_234.endf, n-093_Np_235.endf, n-093_Np_236.endf, n-093_Np_238.endf, n-093_Np_239.endf, n-094_Pu_236.endf, n-094_Pu_237.endf, n-094_Pu_238.endf, n-094_Pu_239.endf, n-094_Pu_240.endf, n-094_Pu_241.endf, n-094_Pu_242.endf, n-094_Pu_244.endf, n-094_Pu_246.endf, n-095_Am_240.endf, n-095_Am_242m1.endf, n-095_Am_244.endf, n-095_Am_244m1.endf, n-096_Cm_240.endf, n-096_Cm_241.endf, n-096_Cm_242.endf, n-096_Cm_243.endf, n-096_Cm_244.endf, n-096_Cm_245.endf, n-096_Cm_246.endf, n-096_Cm_248.endf, n-096_Cm_249.endf, n-096_Cm_250.endf, n-097_Bk_245.endf, n-097_Bk_246.endf, n-097_Bk_247.endf, n-097_Bk_248.endf, n-097_Bk_249.endf, n-097_Bk_250.endf, n-098_Cf_246.endf, n-098_Cf_248.endf, n-098_Cf_249.endf, n-098_Cf_250.endf, n-098_Cf_251.endf, n-098_Cf_252.endf, n-098_Cf_253.endf, n-098_Cf_254.endf, n-099_Es_251.endf, n-099_Es_252.endf, n-099_Es_253.endf, n-099_Es_254.endf, n-099_Es_254m1.endf, n-099_Es_255.endf, n-100_Fm_255.endf,

fudge-4.0 Cross sections do not approach saturation of Wick's limit: n-001_H_001.endf,

fudge-4.0 First cross section point not zero right at threshold: n-006_C_013.endf, n-008_O_016.endf, n-009_F_019.endf, n-017_Cl_037.endf, n-024_Cr_051.endf, n-026_Fe_054.endf, n-026_Fe_057.endf, n-077_Ir_192.endf, n-078_Pt_191.endf, n-078_Pt_196.endf, n-081_Tl_204.endf, n-082_Pb_204.endf,

fudge-4.0 For distributions, flat interpolation along incident energy is unphysical!: n-011_Na_023.endf, n-042_Mo_092.endf, n-042_Mo_094.endf, n-042_Mo_096.endf, n-042_Mo_097.endf, n-042_Mo_098.endf,

fudge-4.0 Generic warning message: n-008_O_018.endf, n-010_Ne_020.endf, n-010_Ne_021.endf, n-010_Ne_022.endf, n-011_Na_022.endf, n-011_Na_023.endf, n-012_Mg_024.endf, n-012_Mg_025.endf, n-012_Mg_026.endf, n-014_Si_031.endf, n-014_Si_032.endf, n-016_S_032.endf, n-016_S_033.endf, n-016_S_034.endf, n-016_S_035.endf, n-017_Cl_035.endf, n-017_Cl_036.endf, n-018_Ar_036.endf, n-018_Ar_037.endf, n-018_Ar_038.endf, n-018_Ar_039.endf, n-018_Ar_041.endf, n-020_Ca_040.endf, n-020_Ca_041.endf, n-020_Ca_042.endf, n-020_Ca_043.endf, n-020_Ca_044.endf, n-020_Ca_045.endf, n-020_Ca_047.endf, n-020_Ca_048.endf, n-021_Sc_045.endf, n-022_Ti_046.endf, n-022_Ti_047.endf, n-022_Ti_049.endf, n-022_Ti_050.endf, n-023_V_049.endf, n-023_V_050.endf, n-024_Cr_051.endf, n-025_Mn_054.endf, n-026_Fe_055.endf, n-027_Co_058.endf, n-028_Ni_059.endf, n-028_Ni_061.endf, n-028_Ni_062.endf, n-028_Ni_063.endf, n-028_Ni_064.endf, n-029_Cu_064.endf, n-030_Zn_064.endf, n-030_Zn_066.endf, n-030_Zn_067.endf, n-030_Zn_068.endf, n-030_Zn_069.endf, n-030_Zn_070.endf, n-031_Ga_069.endf, n-031_Ga_070.endf, n-031_Ga_071.endf, n-032_Ge_070.endf, n-032_Ge_071.endf, n-032_Ge_072.endf, n-032_Ge_073.endf, n-032_Ge_074.endf, n-032_Ge_075.endf, n-032_Ge_076.endf, n-033_As_074.endf, n-033_As_075.endf, n-034_Se_074.endf, n-034_Se_075.endf, n-034_Se_076.endf, n-034_Se_077.endf, n-034_Se_078.endf, n-034_Se_080.endf, n-034_Se_081.endf, n-034_Se_082.endf, n-035_Br_079.endf, n-035_Br_080.endf, n-035_Br_081.endf, n-036_Kr_078.endf, n-036_Kr_079.endf, n-036_Kr_080.endf, n-036_Kr_081.endf, n-036_Kr_082.endf, n-036_Kr_083.endf, n-036_Kr_084.endf, n-036_Kr_085.endf, n-036_Kr_086.endf, n-037_Rb_085.endf, n-037_Rb_086.endf, n-037_Rb_087.endf, n-038_Sr_084.endf, n-038_Sr_085.endf, n-038_Sr_086.endf, n-038_Sr_087.endf, n-038_Sr_088.endf, n-039_Y_089.endf, n-039_Y_090.endf, n-040_Zr_090.endf, n-040_Zr_091.endf, n-040_Zr_092.endf, n-040_Zr_093.endf, n-040_Zr_094.endf, n-040_Zr_096.endf,

n-041_Nb_093.endf, n-041_Nb_094.endf, n-042_Mo_092.endf, n-042_Mo_093.endf, n-042_Mo_094.endf, n-042_Mo_095.endf, n-042_Mo_096.endf, n-042_Mo_097.endf, n-042_Mo_098.endf, n-042_Mo_100.endf, n-043_Tc_098.endf, n-043_Tc_099.endf, n-044_Ru_097.endf, n-044_Ru_099.endf, n-044_Ru_100.endf, n-044_Ru_101.endf, n-044_Ru_102.endf, n-044_Ru_103.endf, n-044_Ru_104.endf, n-045_Rh_103.endf, n-045_Rh_104.endf, n-045_Rh_105.endf, n-046_Pd_102.endf, n-046_Pd_103.endf, n-046_Pd_104.endf, n-046_Pd_105.endf, n-046_Pd_106.endf, n-046_Pd_107.endf, n-046_Pd_108.endf, n-046_Pd_109.endf, n-046_Pd_110.endf, n-047_Ag_107.endf, n-047_Ag_108.endf, n-047_Ag_109.endf, n-047_Ag_111.endf, n-047_Ag_112.endf, n-047_Ag_113.endf, n-047_Ag_114.endf, n-047_Ag_115.endf, n-047_Ag_116.endf, n-047_Ag_117.endf, n-048_Cd_107.endf, n-048_Cd_109.endf, n-048_Cd_113.endf, n-049_In_113.endf, n-049_In_114.endf, n-049_In_115.endf, n-050_Sn_112.endf, n-050_Sn_113.endf, n-050_Sn_114.endf, n-050_Sn_115.endf, n-050_Sn_116.endf, n-050_Sn_117.endf, n-050_Sn_118.endf, n-050_Sn_119.endf, n-050_Sn_120.endf, n-050_Sn_122.endf, n-050_Sn_124.endf, n-050_Sn_125.endf, n-051_Sb_121.endf, n-051_Sb_122.endf, n-051_Sb_123.endf, n-051_Sb_126.endf, n-052_Te_121.endf, n-052_Te_122.endf, n-052_Te_123.endf, n-052_Te_124.endf, n-052_Te_125.endf, n-052_Te_126.endf, n-052_Te_128.endf, n-052_Te_130.endf, n-052_Te_131.endf, n-052_Te_132.endf, n-053_I_127.endf, n-053_I_128.endf, n-053_I_129.endf, n-053_I_130.endf, n-053_I_132.endf, n-053_I_133.endf, n-053_I_134.endf, n-054_Xe_124.endf, n-054_Xe_125.endf, n-054_Xe_126.endf, n-054_Xe_127.endf, n-054_Xe_128.endf, n-054_Xe_129.endf, n-054_Xe_130.endf, n-054_Xe_131.endf, n-054_Xe_132.endf, n-054_Xe_134.endf, n-054_Xe_135.endf, n-054_Xe_136.endf, n-055-Cs_133.endf, n-055-Cs_134.endf, n-055-Cs_135.endf, n-056_Ba_130.endf, n-056_Ba_131.endf, n-056_Ba_132.endf, n-056_Ba_133.endf, n-056_Ba_134.endf, n-056_Ba_135.endf, n-056_Ba_136.endf, n-056_Ba_137.endf, n-056_Ba_138.endf, n-056_Ba_139.endf, n-056_Ba_140.endf, n-057_La_138.endf, n-057_La_139.endf, n-057_La_140.endf, n-058_Ce_136.endf, n-058_Ce_137.endf, n-058_Ce_138.endf, n-058_Ce_139.endf, n-058_Ce_140.endf, n-058_Ce_141.endf, n-058_Ce_142.endf, n-058_Ce_143.endf, n-059_Pr_141.endf, n-059_Pr_142.endf, n-059_Pr_143.endf, n-060_Nd_142.endf, n-060_Nd_143.endf, n-060_Nd_144.endf, n-060_Nd_145.endf, n-060_Nd_146.endf, n-060_Nd_147.endf, n-060_Nd_148.endf, n-060_Nd_149.endf, n-060_Nd_150.endf, n-061_Pm_143.endf, n-061_Pm_144.endf, n-061_Pm_145.endf, n-061_Pm_146.endf, n-061_Pm_147.endf, n-061_Pm_150.endf, n-061_Pm_151.endf, n-062_Sm_144.endf, n-062_Sm_145.endf, n-062_Sm_146.endf, n-062_Sm_147.endf, n-062_Sm_148.endf, n-062_Sm_149.endf, n-062_Sm_150.endf, n-062_Sm_151.endf, n-062_Sm_152.endf, n-062_Sm_153.endf, n-062_Sm_154.endf, n-063_Eu_151.endf, n-063_Eu_152.endf, n-063_Eu_153.endf, n-063_Eu_154.endf, n-063_Eu_155.endf, n-063_Eu_157.endf, n-064_Gd_159.endf, n-065_Tb_158.endf, n-065_Tb_159.endf, n-065_Tb_160.endf, n-066_Dy_156.endf, n-066_Dy_158.endf, n-066_Dy_160.endf, n-066_Dy_161.endf, n-066_Dy_162.endf, n-066_Dy_163.endf, n-066_Dy_164.endf, n-067_Ho_165.endf, n-068_Er_162.endf, n-068_Er_164.endf, n-068_Er_166.endf, n-068_Er_167.endf, n-068_Er_168.endf, n-068_Er_170.endf, n-070_Yb_168.endf, n-070_Yb_170.endf, n-070_Yb_171.endf, n-070_Yb_172.endf, n-070_Yb_173.endf, n-070_Yb_174.endf, n-070_Yb_176.endf, n-071_Lu_175.endf, n-071_Lu_176.endf, n-072_Hf_174.endf, n-072_Hf_176.endf, n-072_Hf_177.endf, n-072_Hf_178.endf, n-072_Hf_179.endf, n-072_Hf_180.endf, n-073-Ta_181.endf, n-073-Ta_182.endf, n-074_W_180.endf, n-075_Re_185.endf, n-075_Re_187.endf, n-076_Os_186.endf, n-076_Os_187.endf, n-076_Os_188.endf, n-076_Os_189.endf, n-076_Os_190.endf, n-076_Os_192.endf, n-077_Ir_191.endf, n-077_Ir_193.endf, n-078_Pt_190.endf, n-078_Pt_191.endf, n-078_Pt_192.endf, n-078_Pt_194.endf, n-078_Pt_195.endf, n-078_Pt_196.endf, n-078_Pt_197.endf, n-078_Pt_198.endf, n-080_Hg_196.endf, n-080_Hg_198.endf, n-080_Hg_199.endf, n-080_Hg_200.endf, n-080_Hg_201.endf, n-080_Hg_202.endf, n-081_Tl_205.endf, n-083_Bi_209.endf, n-088_Ra_226.endf, n-090_Th_228.endf, n-090_Th_229.endf, n-090_Th_230.endf, n-091_Pa_232.endf, n-092_U_234.endf, n-092_U_236.endf, n-092_U_237.endf, n-092_U_239.endf, n-092_U_240.endf, n-093_Np_236.endf, n-093_Np_237.endf, n-093_Np_238.endf, n-094_Pu_236.endf, n-094_Pu_238.endf, n-094_Pu_242.endf, n-094_Pu_243.endf, n-094_Pu_244.endf, n-095_Am_241.endf, n-095_Am_242.endf, n-095_Am_243.endf, n-096_Cm_242.endf, n-096_Cm_243.endf, n-096_Cm_244.endf, n-096_Cm_245.endf, n-096_Cm_246.endf, n-096_Cm_248.endf, n-096_Cm_250.endf, n-097_Bk_249.endf, n-098_Cf_249.endf, n-098_Cf_250.endf, n-098_Cf_251.endf, n-098_Cf_252.endf, n-099_Es_253.endf,

fudge-4.0 Missing a channel with a particular angular momenta combination: n-008_0_018.endf, n-010_Ne_020.endf, n-010_Ne_021.endf, n-011_Na_022.endf, n-011_Na_023.endf, n-012_Mg_025.endf, n-013_Al_026m1.endf, n-013_Al_027.endf, n-014_Si_028.endf, n-014_Si_029.endf, n-014_Si_030.endf, n-014_Si_031.endf, n-016_S_035.endf, n-017_Cl_035.endf, n-017_Cl_036.endf, n-017_Cl_037.endf, n-018_Ar_037.endf, n-018_Ar_039.endf, n-018_Ar_040.endf, n-018_Ar_041.endf,

n-019_K_039.endf, n-019_K_041.endf, n-020_Ca_040.endf, n-020_Ca_041.endf, n-020_Ca_043.endf, n-020_Ca_045.endf, n-020_Ca_047.endf, n-021_Sc_045.endf, n-022_Ti_047.endf, n-022_Ti_048.endf, n-022_Ti_049.endf, n-022_Ti_050.endf, n-023_V_049.endf, n-023_V_051.endf, n-024_Cr_050.endf, n-024_Cr_051.endf, n-024_Cr_052.endf, n-024_Cr_053.endf, n-024_Cr_054.endf, n-025_Mn_054.endf, n-025_Mn_055.endf, n-026_Fe_054.endf, n-026_Fe_055.endf, n-026_Fe_056.endf, n-026_Fe_057.endf, n-026_Fe_058.endf, n-027_Co_058m1.endf, n-027_Co_059.endf, n-028_Ni_058.endf, n-028_Ni_059.endf, n-028_Ni_060.endf, n-028_Ni_061.endf, n-028_Ni_063.endf, n-029_Cu_063.endf, n-029_Cu_064.endf, n-029_Cu_065.endf, n-030_Zn_066.endf, n-030_Zn_067.endf, n-030_Zn_068.endf, n-030_Zn_069.endf, n-031_Ga_069.endf, n-031_Ga_070.endf, n-031_Ga_071.endf, n-032_Ge_071.endf, n-032_Ge_073.endf, n-032_Ge_075.endf, n-033_As_073.endf, n-033_As_075.endf, n-034_Se_074.endf, n-034_Se_075.endf, n-034_Se_076.endf, n-034_Se_077.endf, n-034_Se_078.endf, n-034_Se_081.endf, n-035_Br_080.endf, n-035_Br_081.endf, n-036_Kr_079.endf, n-036_Kr_081.endf, n-037_Rb_085.endf, n-037_Rb_086.endf, n-037_Rb_087.endf, n-038_Sr_084.endf, n-038_Sr_085.endf, n-038_Sr_087.endf, n-039_Y_089.endf, n-039_Y_090.endf, n-040_Zr_091.endf, n-040_Zr_093.endf, n-041_Nb_093.endf, n-042_Mo_093.endf, n-042_Mo_095.endf, n-042_Mo_097.endf, n-043_Tc_098.endf, n-043_Tc_099.endf, n-044_Ru_097.endf, n-044_Ru_101.endf, n-045_Rh_103.endf, n-045_Rh_104.endf, n-045_Rh_105.endf, n-046_Pd_103.endf, n-046_Pd_105.endf, n-046_Pd_109.endf, n-047_Ag_107.endf, n-047_Ag_108.endf, n-047_Ag_109.endf, n-047_Ag_110m1.endf, n-047_Ag_111.endf, n-047_Ag_112.endf, n-047_Ag_113.endf, n-047_Ag_114.endf, n-047_Ag_115.endf, n-047_Ag_117.endf, n-047_Ag_118m1.endf, n-048_Cd_106.endf, n-048_Cd_107.endf, n-048_Cd_108.endf, n-048_Cd_109.endf, n-048_Cd_110.endf, n-048_Cd_111.endf, n-048_Cd_112.endf, n-048_Cd_113.endf, n-048_Cd_114.endf, n-048_Cd_116.endf, n-049_In_113.endf, n-049_In_114.endf, n-049_In_115.endf, n-050_Sn_113.endf, n-050_Sn_117.endf, n-050_Sn_119.endf, n-050_Sn_125.endf, n-051_Sb_121.endf, n-051_Sb_122.endf, n-051_Sb_123.endf, n-051_Sb_126.endf, n-052_Te_121.endf, n-052_Te_121m1.endf, n-052_Te_125.endf, n-052_Te_131.endf, n-053_I_127.endf, n-053_I_128.endf, n-053_I_129.endf, n-053_I_130.endf, n-053_I_132.endf, n-053_I_132m1.endf, n-053_I_133.endf, n-053_I_134.endf, n-054_Xe_125.endf, n-054_Xe_127.endf, n-054_Xe_131.endf, n-054_Xe_135.endf, n-055-Cs_133.endf, n-056_Ba_131.endf, n-056_Ba_135.endf, n-056_Ba_137.endf, n-056_Ba_139.endf, n-057_La_139.endf, n-058_Ce_137.endf, n-059_Pr_141.endf, n-060_Nd_143.endf, n-060_Nd_149.endf, n-061_Pm_143.endf, n-061_Pm_144.endf, n-061_Pm_145.endf, n-061_Pm_146.endf, n-061_Pm_148m1.endf, n-061_Pm_150.endf, n-062_Sm_145.endf, n-064_Gd_153.endf, n-064_Gd_155.endf, n-064_Gd_156.endf, n-064_Gd_157.endf, n-064_Gd_158.endf, n-064_Gd_159.endf, n-064_Gd_160.endf, n-065_Tb_158.endf, n-065_Tb_161.endf, n-066_Dy_155.endf, n-066_Dy_157.endf, n-067_Ho_166m1.endf, n-068_Er_163.endf, n-068_Er_165.endf, n-068_Er_169.endf, n-069_Tm_168.endf, n-069_Tm_171.endf, n-070_Yb_174.endf, n-070_Yb_175.endf, n-072_Hf_175.endf, n-074_W_181.endf, n-074_W_182.endf, n-074_W_183.endf, n-074_W_184.endf, n-074_W_186.endf, n-075_Re_186m1.endf, n-076_Os_185.endf, n-076_Os_191.endf, n-077_Ir_192.endf, n-077_Ir_194m1.endf, n-078_Pt_191.endf, n-078_Pt_193.endf, n-078_Pt_195.endf, n-078_Pt_196.endf, n-078_Pt_197.endf, n-079_Au_197.endf, n-080_Hg_197.endf, n-080_Hg_197m1.endf, n-080_Hg_203.endf, n-081_Tl_203.endf, n-081_Tl_204.endf, n-081_Tl_205.endf, n-082_Pb_205.endf, n-082_Pb_206.endf, n-082_Pb_207.endf, n-082_Pb_208.endf, n-083_Bi_209.endf, n-083_Bi_210m1.endf, n-084_Po_209.endf, n-090_Th_229.endf, n-090_Th_232.endf, n-091_Pa_231.endf, n-091_Pa_232.endf, n-091_Pa_233.endf, n-092_U_232.endf, n-092_U_233.endf, n-092_U_234.endf, n-092_U_235.endf, n-092_U_236.endf, n-092_U_237.endf, n-092_U_238.endf, n-092_U_239.endf, n-092_U_240.endf, n-092_U_241.endf, n-093_Np_236.endf, n-093_Np_236m1.endf, n-093_Np_237.endf, n-093_Np_238.endf, n-094_Pu_236.endf, n-094_Pu_238.endf, n-094_Pu_239.endf, n-094_Pu_240.endf, n-094_Pu_241.endf, n-094_Pu_243.endf, n-094_Pu_244.endf, n-094_Pu_245.endf, n-095_Am_241.endf, n-095_Am_242.endf, n-095_Am_242m1.endf, n-095_Am_243.endf, n-096_Cm_242.endf, n-096_Cm_243.endf, n-096_Cm_244.endf, n-096_Cm_245.endf, n-096_Cm_246.endf, n-096_Cm_247.endf, n-096_Cm_248.endf, n-096_Cm_250.endf, n-097_Bk_249.endf, n-098_Cf_247.endf, n-098_Cf_249.endf, n-098_Cf_250.endf, n-098_Cf_251.endf, n-098_Cf_252.endf, n-099_Es_253.endf,

fudge-4.0 Potential scattering hasn't converted, you need more L's!: n-010_Ne_020.endf, n-010_Ne_021.endf, n-010_Ne_022.endf, n-011_Na_022.endf, n-012_Mg_025.endf, n-012_Mg_026.endf, n-013_Al_026m1.endf, n-014_Si_031.endf, n-014_Si_032.endf, n-016_S_032.endf, n-016_S_033.endf, n-016_S_034.endf, n-016_S_035.endf, n-017_Cl_035.endf, n-017_Cl_037.endf, n-018_Ar_036.endf, n-018_Ar_038.endf, n-018_Ar_039.endf, n-019_K_039.endf, n-019_K_041.endf, n-020_Ca_040.endf, n-020_Ca_041.endf, n-020_Ca_042.endf, n-020_Ca_044.endf, n-020_Ca_047.endf, n-020_Ca_048.endf,

n-021_Sc_045.endf, n-022_Ti_046.endf, n-022_Ti_049.endf, n-023_V_050.endf, n-023_V_051.endf, n-024_Cr_052.endf,
n-024_Cr_053.endf, n-025_Mn_055.endf, n-027_Co_058.endf, n-027_Co_058m1.endf, n-027_Co_059.endf, n-028_Ni_058.endf,
n-028_Ni_062.endf, n-028_Ni_064.endf, n-029_Cu_063.endf, n-029_Cu_064.endf, n-029_Cu_065.endf, n-030_Zn_067.endf,
n-030_Zn_069.endf, n-030_Zn_070.endf, n-031_Ga_070.endf, n-032_Ge_074.endf, n-032_Ge_075.endf, n-032_Ge_076.endf,
n-033_As_073.endf, n-033_As_074.endf, n-034_Se_081.endf, n-035_Br_079.endf, n-035_Br_080.endf, n-036_Kr_078.endf,
n-036_Kr_079.endf, n-036_Kr_080.endf, n-036_Kr_082.endf, n-036_Kr_083.endf, n-036_Kr_084.endf, n-036_Kr_085.endf,
n-036_Kr_086.endf, n-038_Sr_085.endf, n-038_Sr_088.endf, n-040_Zr_092.endf, n-040_Zr_094.endf, n-040_Zr_096.endf,
n-041_Nb_094.endf, n-044_Ru_099.endf, n-044_Ru_103.endf, n-045_Rh_104.endf, n-045_Rh_105.endf, n-046_Pd_102.endf,
n-046_Pd_107.endf, n-046_Pd_109.endf, n-047_Ag_108.endf, n-047_Ag_110m1.endf, n-047_Ag_112.endf, n-047_Ag_113.endf,
n-047_Ag_114.endf, n-047_Ag_115.endf, n-047_Ag_116.endf, n-047_Ag_117.endf, n-048_Cd_107.endf, n-049_In_114.endf,
n-050_Sn_115.endf, n-050_Sn_120.endf, n-050_Sn_122.endf, n-050_Sn_124.endf, n-051_Sb_122.endf, n-052_Te_121.endf,
n-052_Te_121m1.endf, n-052_Te_123.endf, n-052_Te_131.endf, n-052_Te_131m1.endf, n-053_I_128.endf, n-053_I_132.endf,
n-053_I_132m1.endf, n-053_I_133.endf, n-053_I_134.endf, n-054_Xe_124.endf, n-054_Xe_125.endf, n-054_Xe_126.endf,
n-054_Xe_127.endf, n-054_Xe_128.endf, n-054_Xe_129.endf, n-054_Xe_130.endf, n-054_Xe_132.endf, n-054_Xe_135.endf,
n-054_Xe_136.endf, n-055-Cs_134.endf, n-055-Cs_135.endf, n-056_Ba_130.endf, n-056_Ba_131.endf, n-056_Ba_132.endf,
n-056_Ba_133.endf, n-056_Ba_138.endf, n-056_Ba_139.endf, n-056_Ba_140.endf, n-057_La_138.endf, n-057_La_140.endf,
n-058_Ce_136.endf, n-058_Ce_137.endf, n-058_Ce_137m1.endf, n-058_Ce_138.endf, n-058_Ce_139.endf, n-058_Ce_140.endf,
n-058_Ce_141.endf, n-058_Ce_143.endf, n-059_Pr_142.endf, n-059_Pr_143.endf, n-060_Nd_145.endf, n-060_Nd_147.endf,
n-060_Nd_149.endf, n-061_Pm_147.endf, n-061_Pm_148m1.endf, n-061_Pm_150.endf, n-061_Pm_151.endf, n-062_Sm_146.endf,
n-062_Sm_147.endf, n-062_Sm_148.endf, n-062_Sm_149.endf, n-062_Sm_150.endf, n-062_Sm_151.endf, n-062_Sm_153.endf,
n-062_Sm_154.endf, n-063_Eu_151.endf, n-063_Eu_152.endf, n-063_Eu_153.endf, n-063_Eu_154.endf, n-063_Eu_155.endf,
n-063_Eu_157.endf, n-064_Gd_152.endf, n-064_Gd_153.endf, n-064_Gd_154.endf, n-064_Gd_155.endf, n-064_Gd_157.endf,
n-064_Gd_159.endf, n-065_Tb_159.endf, n-065_Tb_160.endf, n-066_Dy_155.endf, n-066_Dy_156.endf, n-066_Dy_157.endf,
n-066_Dy_158.endf, n-066_Dy_160.endf, n-066_Dy_161.endf, n-066_Dy_163.endf, n-067_Ho_165.endf, n-067_Ho_166m1.endf,
n-068_Er_162.endf, n-068_Er_163.endf, n-068_Er_164.endf, n-068_Er_165.endf, n-068_Er_167.endf, n-069_Tm_168.endf,
n-069_Tm_169.endf, n-069_Tm_170.endf, n-070_Yb_168.endf, n-070_Yb_169.endf, n-070_Yb_170.endf, n-070_Yb_171.endf,
n-070_Yb_173.endf, n-071_Lu_175.endf, n-071_Lu_176.endf, n-072_Hf_174.endf, n-072_Hf_175.endf, n-072_Hf_176.endf,
n-072_Hf_177.endf, n-072_Hf_178.endf, n-072_Hf_179.endf, n-073-Ta_181.endf, n-073-Ta_182.endf, n-074_W_180.endf,
n-074_W_185.endf, n-075_Re_185.endf, n-075_Re_187.endf, n-076_Os_186.endf, n-076_Os_187.endf, n-076_Os_188.endf,
n-076_Os_189.endf, n-076_Os_190.endf, n-076_Os_192.endf, n-077_Ir_191.endf, n-077_Ir_193.endf, n-078_Pt_192.endf,
n-078_Pt_198.endf, n-079_Au_197.endf, n-080_Hg_196.endf, n-080_Hg_197.endf, n-080_Hg_197m1.endf, n-080_Hg_198.endf,
n-080_Hg_199.endf, n-080_Hg_200.endf, n-080_Hg_201.endf, n-080_Hg_202.endf, n-081_Tl_205.endf, n-082_Pb_204.endf,
n-082_Pb_207.endf, n-083_Bi_209.endf, n-084_Po_210.endf, n-088_Ra_226.endf, n-090_Th_228.endf, n-090_Th_229.endf,
n-090_Th_230.endf, n-091_Pa_231.endf, n-091_Pa_232.endf, n-091_Pa_233.endf, n-092_U_232.endf, n-092_U_233.endf,
n-092_U_234.endf, n-092_U_235.endf, n-092_U_237.endf, n-092_U_239.endf, n-092_U_240.endf, n-092_U_241.endf, n-093_Np_236.endf,
n-093_Np_236m1.endf, n-093_Np_237.endf, n-093_Np_238.endf, n-094_Pu_236.endf, n-094_Pu_238.endf, n-094_Pu_239.endf,
n-094_Pu_241.endf, n-094_Pu_243.endf, n-094_Pu_244.endf, n-094_Pu_245.endf, n-095_Am_241.endf, n-095_Am_242.endf,
n-095_Am_242m1.endf, n-095_Am_243.endf, n-096_Cm_242.endf, n-096_Cm_243.endf, n-096_Cm_244.endf, n-096_Cm_245.endf,
n-096_Cm_246.endf, n-096_Cm_247.endf, n-096_Cm_248.endf, n-096_Cm_250.endf, n-097_Bk_249.endf, n-098_Cf_247.endf,
n-098_Cf_249.endf, n-098_Cf_250.endf, n-098_Cf_251.endf, n-098_Cf_252.endf, n-099_Es_253.endf,

fudge-4.0 The URR for this spin group needs higher energy resolution for correct representation of the average cross section: n-026_Fe_058.endf, n-030_Zn_065.endf, n-033_As_074.endf, n-034_Se_075.endf, n-036_Kr_081.endf, n-036_Kr_082.endf, n-041_Nb_094.endf, n-041_Nb_095.endf, n-042_Mo_093.endf, n-042_Mo_099.endf, n-046_Pd_103.endf, n-050_Sn_123.endf, n-051_Sb_125.endf, n-052_Te_127m1.endf, n-052_Te_129m1.endf, n-053_I_131.endf, n-055-Cs_136.endf, n-056_Ba_140.endf, n-058_Ce_139.endf, n-060_Nd_147.endf, n-061_Pm_143.endf, n-061_Pm_144.endf, n-061_Pm_148.endf, n-061_Pm_149.endf, n-061_Pm_151.endf, n-062_Sm_145.endf, n-062_Sm_153.endf, n-063_Eu_152.endf,

n-063_Eu_153.endf, n-063_Eu_154.endf, n-063_Eu_155.endf, n-063_Eu_156.endf, n-064_Gd_153.endf, n-064_Gd_154.endf, n-064_Gd_157.endf, n-065_Tb_160.endf, n-066_Dy_154.endf, n-066_Dy_156.endf, n-066_Dy_158.endf, n-066_Dy_159.endf, n-067_Ho_166m1.endf, n-068_Er_167.endf, n-075_Re_186m1.endf, n-076_Os_187.endf, n-076_Os_189.endf, n-076_Os_190.endf, n-076_Os_192.endf, n-077_Ir_192.endf, n-094_Pu_240.endf, n-095_Am_243.endf,

fudge-4.0 The on-diagonal elements of a covariance (the variance...) were very big.: n-008_O_016.endf, n-018_Ar_037.endf, n-020_Ca_047.endf, n-025_Mn_054.endf, n-025_Mn_055.endf, n-034_Se_075.endf, n-036_Kr_081.endf, n-042_Mo_093.endf, n-048_Cd_109.endf, n-061_Pm_143.endf, n-061_Pm_144.endf, n-061_Pm_145.endf, n-062_Sm_145.endf, n-074_W_182.endf, n-074_W_183.endf, n-074_W_184.endf, n-074_W_186.endf, n-078_Pt_190.endf, n-078_Pt_195.endf, n-078_Pt_196.endf, n-078_Pt_197.endf, n-078_Pt_198.endf, n-081_Tl_204.endf, n-084_Po_208.endf,

fudge-4.0 The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.: n-001_H_001.endf, n-002_He_004.endf, n-003_Li_006.endf, n-003_Li_007.endf, n-004_Be_009.endf, n-005_B_010.endf, n-005_B_011.endf, n-006_C_012.endf, n-006_C_013.endf, n-007_N_015.endf, n-008_O_016.endf, n-009_F_019.endf, n-010_Ne_020.endf, n-010_Ne_021.endf, n-010_Ne_022.endf, n-011_Na_023.endf, n-012_Mg_024.endf, n-012_Mg_025.endf, n-012_Mg_026.endf, n-013_Al_027.endf, n-014_Si_028.endf, n-014_Si_029.endf, n-014_Si_030.endf, n-018_Ar_037.endf, n-018_Ar_041.endf, n-019_K_041.endf, n-020_Ca_040.endf, n-020_Ca_045.endf, n-020_Ca_047.endf, n-022_Ti_046.endf, n-022_Ti_047.endf, n-022_Ti_048.endf, n-022_Ti_049.endf, n-022_Ti_050.endf, n-024_Cr_050.endf, n-024_Cr_051.endf, n-024_Cr_052.endf, n-024_Cr_053.endf, n-025_Mn_054.endf, n-025_Mn_055.endf, n-026_Fe_054.endf, n-026_Fe_055.endf, n-026_Fe_056.endf, n-028_Ni_058.endf, n-028_Ni_060.endf, n-034_Se_075.endf, n-036_Kr_081.endf, n-039_Y_089.endf, n-040_Zr_090.endf, n-040_Zr_091.endf, n-040_Zr_092.endf, n-040_Zr_093.endf, n-040_Zr_094.endf, n-040_Zr_095.endf, n-040_Zr_096.endf, n-041_Nb_095.endf, n-042_Mo_092.endf, n-042_Mo_093.endf, n-042_Mo_094.endf, n-042_Mo_095.endf, n-042_Mo_096.endf, n-042_Mo_097.endf, n-042_Mo_098.endf, n-042_Mo_100.endf, n-043_Tc_098.endf, n-043_Tc_099.endf, n-044_Ru_097.endf, n-044_Ru_101.endf, n-044_Ru_102.endf, n-044_Ru_103.endf, n-044_Ru_104.endf, n-044_Ru_106.endf, n-045_Rh_103.endf, n-046_Pd_105.endf, n-046_Pd_106.endf, n-046_Pd_107.endf, n-046_Pd_108.endf, n-047_Ag_109.endf, n-048_Cd_109.endf, n-053_I_127.endf, n-053_I_129.endf, n-054_Xe_131.endf, n-054_Xe_132.endf, n-054_Xe_134.endf, n-055-Cs_133.endf, n-055-Cs_135.endf, n-057_La_139.endf, n-058_Ce_141.endf, n-059_Pr_141.endf, n-060_Nd_143.endf, n-060_Nd_145.endf, n-060_Nd_146.endf, n-060_Nd_148.endf, n-061_Pm_143.endf, n-061_Pm_144.endf, n-061_Pm_145.endf, n-061_Pm_147.endf, n-062_Sm_145.endf, n-062_Sm_149.endf, n-062_Sm_151.endf, n-062_Sm_152.endf, n-063_Eu_153.endf, n-063_Eu_155.endf, n-064_Gd_152.endf, n-064_Gd_153.endf, n-064_Gd_154.endf, n-064_Gd_155.endf, n-064_Gd_156.endf, n-064_Gd_157.endf, n-064_Gd_158.endf, n-064_Gd_160.endf, n-068_Er_166.endf, n-068_Er_167.endf, n-068_Er_168.endf, n-068_Er_170.endf, n-069_Tm_169.endf, n-074_W_180.endf, n-074_W_182.endf, n-074_W_183.endf, n-074_W_184.endf, n-074_W_186.endf, n-076_Os_191.endf, n-077_Ir_191.endf, n-077_Ir_192.endf, n-077_Ir_193.endf, n-078_Pt_190.endf, n-078_Pt_191.endf, n-078_Pt_192.endf, n-078_Pt_193.endf, n-078_Pt_194.endf, n-078_Pt_195.endf, n-078_Pt_196.endf, n-078_Pt_197.endf, n-078_Pt_198.endf, n-079_Au_197.endf, n-080_Hg_203.endf, n-081_Tl_204.endf, n-082_Pb_204.endf, n-082_Pb_205.endf, n-082_Pb_206.endf, n-082_Pb_207.endf, n-082_Pb_208.endf, n-083_Bi_209.endf, n-084_Po_208.endf, n-084_Po_210.endf, n-089_Ac_225.endf, n-089_Ac_226.endf, n-089_Ac_227.endf, n-090_Th_227.endf, n-090_Th_228.endf, n-090_Th_229.endf, n-090_Th_230.endf, n-090_Th_231.endf, n-090_Th_232.endf, n-090_Th_233.endf, n-090_Th_234.endf, n-091_Pa_229.endf, n-091_Pa_230.endf, n-091_Pa_232.endf, n-092_U_230.endf, n-092_U_231.endf, n-092_U_232.endf, n-092_U_233.endf, n-092_U_234.endf, n-092_U_235.endf, n-092_U_236.endf, n-092_U_238.endf, n-093_Np_234.endf, n-093_Np_235.endf, n-093_Np_236.endf, n-093_Np_237.endf, n-093_Np_238.endf, n-093_Np_239.endf, n-094_Pu_236.endf, n-094_Pu_237.endf, n-094_Pu_238.endf, n-094_Pu_239.endf, n-094_Pu_240.endf, n-094_Pu_241.endf, n-094_Pu_242.endf, n-094_Pu_244.endf, n-094_Pu_246.endf, n-095_Am_240.endf, n-095_Am_241.endf, n-095_Am_242m1.endf, n-095_Am_243.endf, n-096_Cm_240.endf, n-096_Cm_241.endf, n-096_Cm_242.endf, n-096_Cm_243.endf, n-096_Cm_244.endf, n-096_Cm_245.endf, n-096_Cm_246.endf, n-096_Cm_247.endf, n-096_Cm_248.endf, n-096_Cm_249.endf, n-096_Cm_250.endf, n-097_Bk_245.endf, n-097_Bk_246.endf, n-097_Bk_247.endf, n-097_Bk_248.endf, n-097_Bk_249.endf, n-097_Bk_250.endf, n-098_Cf_246.endf, n-098_Cf_248.endf, n-098_Cf_249.endf, n-098_Cf_250.endf, n-098_Cf_251.endf, n-098_Cf_252.endf,

n-098_Cf_253.endf, n-098_Cf_254.endf, n-099_Es_251.endf, n-099_Es_252.endf, n-099_Es_253.endf, n-099_Es_254.endf, n-099_Es_254m1.endf, n-099_Es_255.endf, n-100_Fm_255.endf,

fudge-4.0 The spin statistical weights are off, indicating missing channels: n-026_Fe_057.endf, n-065_Tb_161.endf, n-066_Dy_155.endf, n-066_Dy_157.endf, n-068_Er_163.endf, n-068_Er_165.endf, n-068_Er_169.endf, n-069_Tm_168.endf, n-069_Tm_171.endf, n-070_Yb_175.endf, n-072_Hf_175.endf, n-074_W_181.endf, n-075_Re_186m1.endf, n-076_Os_185.endf, n-076_Os_191.endf, n-077_Ir_192.endf, n-077_Ir_194m1.endf, n-078_Pt_193.endf, n-080_Hg_197.endf, n-080_Hg_197m1.endf, n-080_Hg_203.endf, n-081_Tl_203.endf, n-081_Tl_204.endf, n-082_Pb_205.endf, n-082_Pb_206.endf, n-084_Po_209.endf, n-092_U_241.endf, n-094_Pu_245.endf, n-098_Cf_247.endf,

fudge-4.0 Unnormalized outgoing probability distribution: n-009_F_019.endf, n-014_Si_028.endf, n-024_Cr_052.endf, n-041_Nb_093.endf, n-042_Mo_092.endf, n-042_Mo_093.endf, n-042_Mo_094.endf, n-042_Mo_096.endf, n-042_Mo_097.endf, n-042_Mo_098.endf, n-053_I_127.endf, n-061_Pm_148.endf,

njoy2016 Message comes from several resonance types that do not support the calculation of angular distributions. Some of them can be used if `Want_SAMRL_RM` or `Want_SAMRML_BW` are true.:

n-013_Al_027.endf, n-014_Si_028.endf, n-014_Si_029.endf, n-014_Si_030.endf, n-017_Cl_037.endf, n-019_K_039.endf, n-019_K_041.endf, n-022_Ti_048.endf, n-024_Cr_050.endf, n-024_Cr_052.endf, n-024_Cr_053.endf, n-024_Cr_054.endf, n-025_Mn_055.endf, n-026_Fe_058.endf, n-028_Ni_058.endf, n-028_Ni_060.endf, n-033_As_073.endf, n-048_Cd_106.endf, n-048_Cd_108.endf, n-048_Cd_110.endf, n-048_Cd_111.endf, n-048_Cd_112.endf, n-048_Cd_114.endf, n-048_Cd_116.endf, n-064_Gd_152.endf, n-064_Gd_153.endf, n-064_Gd_154.endf, n-064_Gd_155.endf, n-064_Gd_156.endf, n-064_Gd_157.endf, n-064_Gd_158.endf, n-064_Gd_160.endf, n-079_Au_197.endf, n-082_Pb_206.endf, n-082_Pb_207.endf, n-082_Pb_208.endf, n-090_Th_232.endf, n-091_Pa_231.endf, n-091_Pa_233.endf, n-092_U_235.endf, n-094_Pu_239.endf, n-094_Pu_240.endf,

njoy2016 Cross sections were found for charged-particle levels in the 600 or 700 series of MT numbers, but no corresponding angular distributions were found. Isotropy is assumed to enable the calculation to proceed, but this evaluation should be upgraded to include the proper sections of File 4 or 6.: n-005_B_010.endf, n-006_C_013.endf, n-007_N_014.endf,

njoy2016 Discrete photon data may be incomplete.: n-003_Li_006.endf, n-080_Hg_199.endf,

njoy2016 If MT=19 is present, MT=18 will be ignored.: n-092_U_234.endf, n-092_U_236.endf, n-092_U_240.endf,

njoy2016 In some evaluations, the partial fission reactions MT=19, 20, 21, and 38 are given in File 3, but no corresponding distributions are given. In these cases, it is assumed that MT=18 should be used for the fission neutron distributions. : n-088_Ra_223.endf, n-088_Ra_226.endf, n-089_Ac_225.endf, n-089_Ac_226.endf, n-089_Ac_227.endf, n-090_Th_227.endf, n-090_Th_228.endf, n-090_Th_229.endf, n-090_Th_230.endf, n-090_Th_231.endf, n-090_Th_233.endf, n-090_Th_234.endf, n-091_Pa_229.endf, n-091_Pa_230.endf, n-091_Pa_232.endf, n-092_U_230.endf, n-092_U_231.endf, n-092_U_232.endf, n-092_U_233.endf, n-093_Np_234.endf, n-093_Np_235.endf, n-093_Np_236.endf, n-093_Np_238.endf, n-093_Np_239.endf, n-094_Pu_236.endf, n-094_Pu_237.endf, n-094_Pu_238.endf, n-094_Pu_240.endf, n-094_Pu_242.endf, n-094_Pu_244.endf, n-094_Pu_245.endf, n-094_Pu_246.endf, n-095_Am_240.endf, n-096_Cm_240.endf, n-096_Cm_241.endf, n-096_Cm_242.endf, n-096_Cm_243.endf, n-096_Cm_244.endf, n-096_Cm_245.endf, n-096_Cm_246.endf, n-096_Cm_247.endf, n-096_Cm_248.endf, n-096_Cm_249.endf, n-096_Cm_250.endf, n-097_Bk_245.endf, n-097_Bk_246.endf, n-097_Bk_247.endf, n-097_Bk_248.endf, n-097_Bk_249.endf, n-097_Bk_250.endf, n-098_Cf_246.endf, n-098_Cf_247.endf, n-098_Cf_248.endf, n-098_Cf_249.endf, n-098_Cf_250.endf, n-098_Cf_251.endf, n-098_Cf_252.endf, n-098_Cf_253.endf, n-098_Cf_254.endf, n-099_Es_251.endf, n-099_Es_252.endf, n-099_Es_253.endf, n-099_Es_254.endf, n-099_Es_254m1.endf, n-099_Es_255.endf, n-100_Fm_255.endf,

njoy2016 Information only.: n-007_N_015.endf,

njoy2016 Recoil is not given, so one-particle recoil approximation used.: n-001_H_001.endf,
n-005_B_011.endf, n-007_N_014.endf, n-010_Ne_020.endf, n-010_Ne_021.endf, n-010_Ne_022.endf, n-013_Al_026m1.endf,
n-014_Si_031.endf, n-014_Si_032.endf, n-016_S_035.endf, n-017_Cl_036.endf, n-018_Ar_037.endf, n-018_Ar_039.endf,
n-018_Ar_040.endf, n-018_Ar_041.endf, n-020_Ca_040.endf, n-020_Ca_041.endf, n-020_Ca_042.endf, n-020_Ca_043.endf,
n-020_Ca_044.endf, n-020_Ca_045.endf, n-020_Ca_046.endf, n-020_Ca_047.endf, n-020_Ca_048.endf, n-022_Ti_046.endf,
n-022_Ti_047.endf, n-022_Ti_048.endf, n-022_Ti_049.endf, n-022_Ti_050.endf, n-023_V_049.endf, n-023_V_050.endf,
n-023_V_051.endf, n-024_Cr_051.endf, n-025_Mn_054.endf, n-025_Mn_055.endf, n-026_Fe_054.endf, n-026_Fe_055.endf,
n-026_Fe_056.endf, n-026_Fe_057.endf, n-026_Fe_058.endf, n-027_Co_058.endf, n-027_Co_059.endf, n-028_Ni_058.endf,
n-028_Ni_059.endf, n-028_Ni_060.endf, n-028_Ni_061.endf, n-028_Ni_062.endf, n-028_Ni_063.endf, n-028_Ni_064.endf,
n-029_Cu_063.endf, n-029_Cu_064.endf, n-029_Cu_065.endf, n-030_Zn_064.endf, n-030_Zn_065.endf, n-030_Zn_066.endf,
n-030_Zn_067.endf, n-030_Zn_068.endf, n-030_Zn_069.endf, n-030_Zn_070.endf, n-031_Ga_070.endf, n-032_Ge_070.endf,
n-032_Ge_071.endf, n-032_Ge_072.endf, n-032_Ge_073.endf, n-032_Ge_074.endf, n-032_Ge_075.endf, n-032_Ge_076.endf,
n-033_As_073.endf, n-033_As_074.endf, n-033_As_075.endf, n-034_Se_075.endf, n-034_Se_081.endf, n-035_Br_080.endf,
n-036_Kr_078.endf, n-036_Kr_079.endf, n-036_Kr_081.endf, n-036_Kr_085.endf, n-037_Rb_086.endf, n-038_Sr_084.endf,
n-038_Sr_085.endf, n-039_Y_089.endf, n-039_Y_090.endf, n-040_Zr_090.endf, n-040_Zr_091.endf, n-040_Zr_092.endf,
n-040_Zr_093.endf, n-040_Zr_094.endf, n-040_Zr_095.endf, n-040_Zr_096.endf, n-042_Mo_092.endf, n-042_Mo_093.endf,
n-042_Mo_094.endf, n-042_Mo_095.endf, n-042_Mo_096.endf, n-042_Mo_097.endf, n-042_Mo_098.endf, n-043_Tc_098.endf,
n-043_Tc_099.endf, n-044_Ru_097.endf, n-044_Ru_101.endf, n-045_Rh_103.endf, n-045_Rh_104.endf, n-046_Pd_103.endf,
n-046_Pd_105.endf, n-046_Pd_109.endf, n-047_Ag_108.endf, n-047_Ag_109.endf, n-047_Ag_111.endf, n-047_Ag_112.endf,
n-047_Ag_113.endf, n-047_Ag_114.endf, n-047_Ag_115.endf, n-047_Ag_116.endf, n-047_Ag_117.endf, n-047_Ag_118m1.endf,
n-048_Cd_107.endf, n-048_Cd_109.endf, n-048_Cd_115m1.endf, n-049_In_114.endf, n-050_Sn_113.endf, n-050_Sn_120.endf,
n-050_Sn_121m1.endf, n-050_Sn_125.endf, n-051_Sb_122.endf, n-051_Sb_126.endf, n-052_Te_121.endf, n-052_Te_121m1.endf,
n-052_Te_131.endf, n-052_Te_131m1.endf, n-052_Te_132.endf, n-053_I_128.endf, n-053_I_130.endf, n-053_I_132.endf,
n-053_I_132m1.endf, n-053_I_133.endf, n-053_I_134.endf, n-054_Xe_123.endf, n-054_Xe_124.endf, n-054_Xe_125.endf,
n-054_Xe_127.endf, n-054_Xe_131.endf, n-055-Cs_133.endf, n-056_Ba_131.endf, n-056_Ba_133.endf, n-056_Ba_139.endf,
n-057_La_140.endf, n-058_Ce_136.endf, n-058_Ce_137.endf, n-058_Ce_137m1.endf, n-058_Ce_138.endf, n-058_Ce_139.endf,
n-058_Ce_143.endf, n-059_Pr_141.endf, n-059_Pr_142.endf, n-060_Nd_142.endf, n-060_Nd_143.endf, n-060_Nd_144.endf,
n-060_Nd_145.endf, n-060_Nd_146.endf, n-060_Nd_147.endf, n-060_Nd_148.endf, n-060_Nd_149.endf, n-060_Nd_150.endf,
n-061_Pm_143.endf, n-061_Pm_144.endf, n-061_Pm_145.endf, n-061_Pm_146.endf, n-061_Pm_150.endf, n-061_Pm_151.endf,
n-062_Sm_144.endf, n-062_Sm_145.endf, n-062_Sm_146.endf, n-062_Sm_147.endf, n-062_Sm_148.endf, n-062_Sm_149.endf,
n-062_Sm_150.endf, n-062_Sm_151.endf, n-062_Sm_152.endf, n-062_Sm_153.endf, n-062_Sm_154.endf, n-063_Eu_153.endf,
n-063_Eu_157.endf, n-064_Gd_152.endf, n-064_Gd_153.endf, n-064_Gd_154.endf, n-064_Gd_155.endf, n-064_Gd_156.endf,
n-064_Gd_157.endf, n-064_Gd_158.endf, n-064_Gd_159.endf, n-064_Gd_160.endf, n-065_Tb_158.endf, n-065_Tb_160.endf,
n-065_Tb_161.endf, n-066_Dy_154.endf, n-066_Dy_155.endf, n-066_Dy_156.endf, n-066_Dy_157.endf, n-066_Dy_158.endf,
n-066_Dy_159.endf, n-066_Dy_160.endf, n-066_Dy_161.endf, n-066_Dy_162.endf, n-066_Dy_163.endf, n-066_Dy_164.endf,
n-067_Ho_166m1.endf, n-068_Er_163.endf, n-068_Er_165.endf, n-068_Er_169.endf, n-069_Tm_168.endf, n-069_Tm_169.endf,
n-069_Tm_170.endf, n-069_Tm_171.endf, n-070_Yb_168.endf, n-070_Yb_169.endf, n-070_Yb_170.endf, n-070_Yb_171.endf,
n-070_Yb_172.endf, n-070_Yb_173.endf, n-070_Yb_174.endf, n-070_Yb_175.endf, n-070_Yb_176.endf, n-072_Hf_174.endf,
n-072_Hf_175.endf, n-072_Hf_176.endf, n-072_Hf_177.endf, n-072_Hf_178.endf, n-072_Hf_179.endf, n-072_Hf_180.endf,
n-072_Hf_181.endf, n-072_Hf_182.endf, n-073-Ta_180.endf, n-073-Ta_181.endf, n-074_W_180.endf, n-074_W_181.endf,
n-074_W_182.endf, n-074_W_183.endf, n-074_W_184.endf, n-074_W_185.endf, n-074_W_186.endf, n-075_Re_185.endf,
n-075_Re_186m1.endf, n-075_Re_187.endf, n-076_Os_184.endf, n-076_Os_185.endf, n-076_Os_186.endf, n-076_Os_187.endf,
n-076_Os_188.endf, n-076_Os_189.endf, n-076_Os_190.endf, n-076_Os_191.endf, n-076_Os_192.endf, n-077_Ir_191.endf,
n-077_Ir_192.endf, n-077_Ir_193.endf, n-077_Ir_194m1.endf, n-078_Pt_190.endf, n-078_Pt_191.endf, n-078_Pt_192.endf,
n-078_Pt_193.endf, n-078_Pt_194.endf, n-078_Pt_195.endf, n-078_Pt_196.endf, n-078_Pt_197.endf, n-078_Pt_198.endf,

n-080_Hg_197.endf, n-080_Hg_197m1.endf, n-080_Hg_203.endf, n-081_Tl_203.endf, n-081_Tl_204.endf, n-081_Tl_205.endf, n-082_Pb_204.endf, n-082_Pb_205.endf, n-082_Pb_206.endf, n-082_Pb_207.endf, n-082_Pb_208.endf, n-083_Bi_210m1.endf, n-084_Po_208.endf, n-084_Po_209.endf, n-084_Po_210.endf, n-089_Ac_225.endf, n-089_Ac_226.endf, n-089_Ac_227.endf, n-090_Th_227.endf, n-090_Th_228.endf, n-090_Th_229.endf, n-090_Th_230.endf, n-090_Th_231.endf, n-090_Th_232.endf, n-090_Th_233.endf, n-090_Th_234.endf, n-091_Pa_229.endf, n-091_Pa_230.endf, n-091_Pa_231.endf, n-091_Pa_232.endf, n-091_Pa_233.endf, n-092_U_230.endf, n-092_U_231.endf, n-092_U_232.endf, n-092_U_233.endf, n-092_U_234.endf, n-092_U_235.endf, n-092_U_238.endf, n-092_U_239.endf, n-093_Np_234.endf, n-093_Np_235.endf, n-093_Np_236.endf, n-093_Np_236m1.endf, n-093_Np_237.endf, n-093_Np_238.endf, n-093_Np_239.endf, n-094_Pu_236.endf, n-094_Pu_237.endf, n-094_Pu_238.endf, n-094_Pu_239.endf, n-094_Pu_240.endf, n-094_Pu_242.endf, n-094_Pu_244.endf, n-094_Pu_245.endf, n-094_Pu_246.endf, n-095_Am_240.endf, n-095_Am_241.endf, n-096_Cm_240.endf, n-096_Cm_241.endf, n-096_Cm_242.endf, n-096_Cm_243.endf, n-096_Cm_244.endf, n-096_Cm_245.endf, n-096_Cm_246.endf, n-096_Cm_247.endf, n-096_Cm_248.endf, n-096_Cm_249.endf, n-096_Cm_250.endf, n-097_Bk_245.endf, n-097_Bk_246.endf, n-097_Bk_247.endf, n-097_Bk_248.endf, n-097_Bk_249.endf, n-097_Bk_250.endf, n-098_Cf_246.endf, n-098_Cf_247.endf, n-098_Cf_248.endf, n-098_Cf_249.endf, n-098_Cf_250.endf, n-098_Cf_251.endf, n-098_Cf_252.endf, n-098_Cf_253.endf, n-098_Cf_254.endf, n-099_Es_251.endf, n-099_Es_252.endf, n-099_Es_253.endf, n-099_Es_254.endf, n-099_Es_254m1.endf, n-099_Es_255.endf, n-100_Fm_255.endf,

njoy2016 The ENDF-6 format allows the evaluator to describe a subsection of File 6 with 'law=0'; that is, no distribution is given. Such sections are fine for giving particle yields for gas production and similar applications, but they are not adequate for computing heating and damage.: n-005_B_010.endf, n-020_Ca_040.endf, n-020_Ca_042.endf, n-020_Ca_043.endf, n-020_Ca_044.endf, n-020_Ca_046.endf, n-020_Ca_048.endf, n-025_Mn_054.endf, n-061_Pm_145.endf, n-076_Os_191.endf, n-082_Pb_204.endf, n-082_Pb_206.endf, n-082_Pb_207.endf,

njoy2016 The discrete photon data in MF=12 may be incomplete for the specified MT.: n-003_Li_006.endf, n-080_Hg_199.endf,

njoy2016 There is a problem with the fission energy release.: n-089_Ac_225.endf, n-089_Ac_226.endf, n-089_Ac_227.endf, n-090_Th_227.endf, n-090_Th_228.endf, n-090_Th_229.endf, n-090_Th_230.endf, n-090_Th_231.endf, n-090_Th_232.endf, n-090_Th_233.endf, n-090_Th_234.endf, n-091_Pa_229.endf, n-091_Pa_230.endf, n-091_Pa_231.endf, n-091_Pa_232.endf, n-091_Pa_233.endf, n-092_U_230.endf, n-092_U_231.endf, n-092_U_232.endf, n-092_U_233.endf, n-092_U_234.endf, n-092_U_235.endf, n-092_U_236.endf, n-092_U_237.endf, n-092_U_238.endf, n-092_U_239.endf, n-092_U_240.endf, n-092_U_241.endf, n-093_Np_234.endf, n-093_Np_235.endf, n-093_Np_236.endf, n-093_Np_236m1.endf, n-093_Np_237.endf, n-093_Np_238.endf, n-093_Np_239.endf, n-094_Pu_236.endf, n-094_Pu_237.endf, n-094_Pu_238.endf, n-094_Pu_239.endf, n-094_Pu_240.endf, n-094_Pu_241.endf, n-094_Pu_242.endf, n-094_Pu_243.endf, n-094_Pu_244.endf, n-094_Pu_246.endf, n-095_Am_240.endf, n-095_Am_241.endf, n-095_Am_242.endf, n-095_Am_242m1.endf, n-095_Am_243.endf, n-095_Am_244.endf, n-095_Am_244m1.endf, n-096_Cm_240.endf, n-096_Cm_241.endf, n-096_Cm_242.endf, n-096_Cm_243.endf, n-096_Cm_244.endf, n-096_Cm_245.endf, n-096_Cm_246.endf, n-096_Cm_247.endf, n-096_Cm_248.endf, n-096_Cm_249.endf, n-096_Cm_250.endf, n-097_Bk_245.endf, n-097_Bk_246.endf, n-097_Bk_247.endf, n-097_Bk_248.endf, n-097_Bk_249.endf, n-097_Bk_250.endf, n-098_Cf_246.endf, n-098_Cf_248.endf, n-098_Cf_249.endf, n-098_Cf_250.endf, n-098_Cf_251.endf, n-098_Cf_252.endf, n-098_Cf_253.endf, n-098_Cf_254.endf, n-099_Es_254.endf, n-100_Fm_255.endf,

njoy2016 There is bad Kalbach parameter (r(E) or otherwise): n-006_C_012.endf, n-007_N_014.endf, n-008_O_016.endf, n-010_Ne_020.endf, n-010_Ne_021.endf, n-010_Ne_022.endf, n-013_Al_027.endf, n-014_Si_028.endf, n-014_Si_029.endf, n-014_Si_030.endf, n-015_P_031.endf, n-018_Ar_037.endf, n-018_Ar_041.endf, n-020_Ca_040.endf, n-020_Ca_042.endf, n-020_Ca_043.endf, n-020_Ca_044.endf, n-020_Ca_045.endf, n-020_Ca_046.endf, n-020_Ca_047.endf, n-020_Ca_048.endf, n-024_Cr_050.endf, n-024_Cr_051.endf, n-024_Cr_052.endf, n-024_Cr_053.endf, n-024_Cr_054.endf, n-025_Mn_054.endf, n-026_Fe_055.endf, n-028_Ni_058.endf, n-028_Ni_060.endf, n-028_Ni_061.endf, n-028_Ni_062.endf, n-028_Ni_064.endf, n-029_Cu_063.endf, n-029_Cu_065.endf, n-034_Se_075.endf, n-036_Kr_081.endf, n-041_Nb_093.endf,

n-042_Mo_093.endf, n-043_Tc_098.endf, n-044_Ru_097.endf, n-048_Cd_109.endf, n-061_Pm_143.endf, n-061_Pm_144.endf, n-061_Pm_145.endf, n-062_Sm_145.endf, n-072_Hf_181.endf, n-072_Hf_182.endf, n-073-Ta_180.endf, n-076_Os_191.endf, n-077_Ir_192.endf, n-078_Pt_190.endf, n-078_Pt_191.endf, n-078_Pt_192.endf, n-078_Pt_193.endf, n-078_Pt_194.endf, n-078_Pt_195.endf, n-078_Pt_196.endf, n-078_Pt_197.endf, n-078_Pt_198.endf, n-080_Hg_196.endf, n-080_Hg_198.endf, n-080_Hg_199.endf, n-080_Hg_200.endf, n-080_Hg_201.endf, n-080_Hg_202.endf, n-080_Hg_203.endf, n-080_Hg_204.endf, n-081_Tl_204.endf, n-082_Pb_204.endf, n-082_Pb_205.endf, n-082_Pb_206.endf, n-082_Pb_207.endf, n-082_Pb_208.endf, n-083_Bi_209.endf, n-084_Po_208.endf, n-084_Po_210.endf,

njoy2016 With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!:

n-001_H_003.endf, n-003_Li_006.endf, n-003_Li_007.endf, n-006_C_012.endf, n-007_N_015.endf, n-008_O_017.endf, n-008_O_018.endf, n-011_Na_022.endf, n-011_Na_023.endf, n-012_Mg_024.endf, n-012_Mg_025.endf, n-012_Mg_026.endf, n-015_P_031.endf, n-016_S_032.endf, n-016_S_033.endf, n-016_S_034.endf, n-016_S_036.endf, n-018_Ar_036.endf, n-018_Ar_038.endf, n-019_K_039.endf, n-019_K_040.endf, n-019_K_041.endf, n-021_Sc_045.endf, n-027_Co_058m1.endf, n-031_Ga_069.endf, n-031_Ga_071.endf, n-034_Se_074.endf, n-034_Se_076.endf, n-034_Se_077.endf, n-034_Se_078.endf, n-034_Se_079.endf, n-034_Se_080.endf, n-034_Se_082.endf, n-035_Br_079.endf, n-035_Br_081.endf, n-036_Kr_080.endf, n-036_Kr_082.endf, n-036_Kr_083.endf, n-036_Kr_084.endf, n-036_Kr_086.endf, n-037_Rb_085.endf, n-037_Rb_087.endf, n-038_Sr_086.endf, n-038_Sr_087.endf, n-038_Sr_088.endf, n-038_Sr_089.endf, n-038_Sr_090.endf, n-039_Y_091.endf, n-041_Nb_093.endf, n-041_Nb_094.endf, n-041_Nb_095.endf, n-042_Mo_099.endf, n-042_Mo_100.endf, n-044_Ru_096.endf, n-044_Ru_098.endf, n-044_Ru_099.endf, n-044_Ru_100.endf, n-044_Ru_102.endf, n-044_Ru_103.endf, n-044_Ru_104.endf, n-044_Ru_105.endf, n-044_Ru_106.endf, n-045_Rh_105.endf, n-046_Pd_107.endf, n-047_Ag_107.endf, n-047_Ag_110m1.endf, n-048_Cd_106.endf, n-048_Cd_108.endf, n-048_Cd_110.endf, n-048_Cd_111.endf, n-048_Cd_112.endf, n-048_Cd_113.endf, n-048_Cd_114.endf, n-048_Cd_116.endf, n-049_In_113.endf, n-049_In_115.endf, n-050_Sn_112.endf, n-050_Sn_114.endf, n-050_Sn_115.endf, n-050_Sn_116.endf, n-050_Sn_117.endf, n-050_Sn_118.endf, n-050_Sn_119.endf, n-050_Sn_122.endf, n-050_Sn_123.endf, n-050_Sn_124.endf, n-050_Sn_126.endf, n-051_Sb_121.endf, n-051_Sb_123.endf, n-051_Sb_124.endf, n-051_Sb_125.endf, n-052_Te_120.endf, n-052_Te_122.endf, n-052_Te_123.endf, n-052_Te_124.endf, n-052_Te_125.endf, n-052_Te_126.endf, n-052_Te_127m1.endf, n-052_Te_128.endf, n-052_Te_129m1.endf, n-052_Te_130.endf, n-053_I_129.endf, n-053_I_131.endf, n-053_I_135.endf, n-054_Xe_126.endf, n-054_Xe_128.endf, n-054_Xe_129.endf, n-054_Xe_130.endf, n-054_Xe_132.endf, n-054_Xe_133.endf, n-054_Xe_134.endf, n-054_Xe_135.endf, n-054_Xe_136.endf, n-055-Cs_134.endf, n-055-Cs_135.endf, n-055-Cs_136.endf, n-055-Cs_137.endf, n-056_Ba_130.endf, n-056_Ba_132.endf, n-056_Ba_134.endf, n-056_Ba_135.endf, n-056_Ba_136.endf, n-056_Ba_137.endf, n-056_Ba_138.endf, n-056_Ba_140.endf, n-057_La_138.endf, n-057_La_139.endf, n-058_Ce_140.endf, n-058_Ce_141.endf, n-058_Ce_142.endf, n-058_Ce_144.endf, n-059_Pr_143.endf, n-061_Pm_147.endf, n-061_Pm_148.endf, n-061_Pm_148m1.endf, n-061_Pm_149.endf, n-063_Eu_151.endf, n-063_Eu_152.endf, n-063_Eu_154.endf, n-063_Eu_155.endf, n-063_Eu_156.endf, n-065_Tb_159.endf, n-067_Ho_165.endf, n-068_Er_162.endf, n-068_Er_164.endf, n-068_Er_166.endf, n-068_Er_167.endf, n-068_Er_168.endf, n-068_Er_170.endf, n-071_Lu_175.endf, n-071_Lu_176.endf, n-073-Ta_182.endf, n-079_Au_197.endf, n-080_Hg_196.endf, n-080_Hg_198.endf, n-080_Hg_199.endf, n-080_Hg_200.endf, n-080_Hg_201.endf, n-080_Hg_202.endf, n-080_Hg_204.endf, n-083_Bi_209.endf, n-088_Ra_223.endf, n-088_Ra_224.endf, n-088_Ra_225.endf, n-088_Ra_226.endf, n-094_Pu_241.endf, n-094_Pu_243.endf, n-095_Am_244.endf, n-095_Am_244m1.endf,

njoy2016 Evaluation has no resonance parameters given: n-000_n_001.endf, n-001_H_001.endf, n-001_H_002.endf, n-001_H_003.endf, n-002_He_003.endf, n-002_He_004.endf, n-003_Li_006.endf, n-003_Li_007.endf, n-004_Be_007.endf, n-004_Be_009.endf, n-005_B_010.endf, n-005_B_011.endf, n-006_C_012.endf, n-006_C_013.endf, n-007_N_014.endf, n-007_N_015.endf, n-008_O_016.endf, n-008_O_017.endf, n-009_F_019.endf, n-015_P_031.endf, n-016_S_036.endf, n-019_K_040.endf, n-020_Ca_046.endf, n-044_Ru_105.endf, n-053_I_135.endf, n-054_Xe_123.endf, n-073-Ta_180.endf, n-080_Hg_204.endf, n-088_Ra_223.endf, n-088_Ra_224.endf, n-088_Ra_225.endf, n-089_Ac_225.endf, n-089_Ac_226.endf,

n-089_Ac_227.endf, n-090_Th_227.endf, n-090_Th_231.endf, n-090_Th_233.endf, n-090_Th_234.endf, n-091_Pa_229.endf, n-091_Pa_230.endf, n-092_U_230.endf, n-092_U_231.endf, n-093_Np_234.endf, n-093_Np_235.endf, n-093_Np_239.endf, n-094_Pu_237.endf, n-094_Pu_246.endf, n-095_Am_240.endf, n-095_Am_244.endf, n-095_Am_244m1.endf, n-096_Cm_240.endf, n-096_Cm_241.endf, n-096_Cm_249.endf, n-097_Bk_245.endf, n-097_Bk_246.endf, n-097_Bk_247.endf, n-097_Bk_248.endf, n-097_Bk_250.endf, n-098_Cf_246.endf, n-098_Cf_248.endf, n-098_Cf_253.endf, n-098_Cf_254.endf, n-099_Es_251.endf, n-099_Es_252.endf, n-099_Es_254.endf, n-099_Es_254m1.endf, n-099_Es_255.endf, n-100_Fm_255.endf,

njoy2016 Evaluation has no unresolved resonance parameters given: n-008_O_018.endf, n-010_Ne_020.endf, n-011_Na_023.endf, n-012_Mg_024.endf, n-012_Mg_025.endf, n-012_Mg_026.endf, n-013_Al_026m1.endf, n-013_Al_027.endf, n-014_Si_028.endf, n-014_Si_029.endf, n-014_Si_030.endf, n-014_Si_031.endf, n-014_Si_032.endf, n-016_S_032.endf, n-016_S_033.endf, n-016_S_034.endf, n-017_Cl_035.endf, n-017_Cl_037.endf, n-018_Ar_039.endf, n-018_Ar_040.endf, n-019_K_039.endf, n-019_K_041.endf, n-020_Ca_040.endf, n-020_Ca_041.endf, n-020_Ca_042.endf, n-020_Ca_043.endf, n-020_Ca_044.endf, n-020_Ca_048.endf, n-021_Sc_045.endf, n-022_Ti_046.endf, n-022_Ti_047.endf, n-022_Ti_048.endf, n-022_Ti_049.endf, n-022_Ti_050.endf, n-023_V_050.endf, n-023_V_051.endf, n-024_Cr_050.endf, n-024_Cr_052.endf, n-024_Cr_053.endf, n-024_Cr_054.endf, n-026_Fe_054.endf, n-026_Fe_056.endf, n-026_Fe_057.endf, n-027_Co_058m1.endf, n-027_Co_059.endf, n-028_Ni_058.endf, n-028_Ni_060.endf, n-028_Ni_061.endf, n-028_Ni_064.endf, n-029_Cu_063.endf, n-029_Cu_064.endf, n-029_Cu_065.endf, n-030_Zn_069.endf, n-031_Ga_069.endf, n-031_Ga_070.endf, n-031_Ga_071.endf, n-032_Ge_075.endf, n-033_As_073.endf, n-034_Se_081.endf, n-035_Br_080.endf, n-036_Kr_079.endf, n-036_Kr_084.endf, n-036_Kr_086.endf, n-038_Sr_085.endf, n-038_Sr_088.endf, n-039_Y_089.endf, n-045_Rh_104.endf, n-046_Pd_102.endf, n-046_Pd_104.endf, n-046_Pd_106.endf, n-046_Pd_108.endf, n-046_Pd_109.endf, n-046_Pd_110.endf, n-047_Ag_108.endf, n-047_Ag_112.endf, n-047_Ag_113.endf, n-047_Ag_114.endf, n-047_Ag_115.endf, n-047_Ag_116.endf, n-047_Ag_117.endf, n-048_Cd_107.endf, n-049_In_114.endf, n-050_Sn_122.endf, n-050_Sn_124.endf, n-051_Sb_122.endf, n-052_Te_121.endf, n-052_Te_121m1.endf, n-052_Te_131.endf, n-052_Te_131m1.endf, n-053_I_127.endf, n-053_I_128.endf, n-053_I_132.endf, n-053_I_132m1.endf, n-053_I_133.endf, n-053_I_134.endf, n-054_Xe_125.endf, n-054_Xe_127.endf, n-054_Xe_130.endf, n-054_Xe_136.endf, n-056_Ba_131.endf, n-056_Ba_138.endf, n-056_Ba_139.endf, n-058_Ce_137.endf, n-058_Ce_137m1.endf, n-058_Ce_140.endf, n-060_Nd_149.endf, n-061_Pm_148m1.endf, n-061_Pm_150.endf, n-062_Sm_146.endf, n-064_Gd_159.endf, n-066_Dy_155.endf, n-066_Dy_157.endf, n-067_Ho_165.endf, n-068_Er_162.endf, n-068_Er_163.endf, n-068_Er_164.endf, n-068_Er_165.endf, n-068_Er_166.endf, n-068_Er_168.endf, n-069_Tm_168.endf, n-070_Yb_169.endf, n-072_Hf_175.endf, n-074_W_180.endf, n-074_W_185.endf, n-077_Ir_191.endf, n-080_Hg_196.endf, n-080_Hg_197.endf, n-080_Hg_197m1.endf, n-080_Hg_198.endf, n-080_Hg_199.endf, n-080_Hg_200.endf, n-080_Hg_201.endf, n-080_Hg_202.endf, n-082_Pb_204.endf, n-082_Pb_206.endf, n-082_Pb_207.endf, n-082_Pb_208.endf, n-083_Bi_209.endf, n-088_Ra_226.endf, n-093_Np_236m1.endf, n-094_Pu_245.endf, n-098_Cf_247.endf, n-099_Es_253.endf,

njoy2016 For continuum reactions, specifying outgoing distributions in the Lab frame makes it easier for everyone downstream: n-008_O_018.endf,

njoy2016 Generic warning message: n-010_Ne_022.endf, n-016_S_035.endf, n-020_Ca_040.endf, n-020_Ca_047.endf, n-032_Ge_070.endf, n-040_Zr_090.endf, n-040_Zr_096.endf, n-080_Hg_199.endf, n-092_U_235.endf, n-092_U_238.endf, n-094_Pu_239.endf,

njoy2016 The cross section is nonzero at threshold: n-006_C_013.endf, n-008_O_016.endf, n-009_F_019.endf, n-017_Cl_037.endf, n-026_Fe_054.endf, n-082_Pb_204.endf,

njoy2016 The evaluation was missing a file 12. This may be OK. Or not.: n-001_H_001.endf, n-007_N_015.endf, n-020_Ca_040.endf, n-020_Ca_042.endf, n-020_Ca_043.endf, n-020_Ca_044.endf, n-020_Ca_046.endf, n-020_Ca_048.endf, n-023_V_050.endf, n-030_Zn_064.endf, n-030_Zn_065.endf, n-030_Zn_066.endf, n-030_Zn_067.endf, n-030_Zn_068.endf, n-030_Zn_070.endf, n-047_Ag_117.endf, n-066_Dy_154.endf, n-066_Dy_159.endf, n-076_Os_184.endf, n-076_Os_186.endf, n-076_Os_187.endf, n-076_Os_188.endf, n-076_Os_189.endf, n-076_Os_190.endf, n-076_Os_192.endf, n-082_Pb_204.endf, n-082_Pb_206.endf, n-082_Pb_207.endf,

psyche Gamma width not in agreement with PSYCHE's expectations: n-010_Ne_022.endf, n-011_Na_023.endf, n-012_Mg_024.endf, n-013_Al_027.endf, n-014_Si_028.endf, n-014_Si_029.endf, n-016_S_032.endf, n-017_Cl_037.endf, n-018_Ar_040.endf, n-019_K_039.endf, n-019_K_041.endf, n-020_Ca_044.endf, n-020_Ca_048.endf, n-021_Sc_045.endf, n-022_Ti_046.endf, n-022_Ti_047.endf, n-022_Ti_048.endf, n-023_V_051.endf, n-024_Cr_050.endf, n-024_Cr_052.endf, n-024_Cr_053.endf, n-024_Cr_054.endf, n-025_Mn_055.endf, n-026_Fe_056.endf, n-026_Fe_058.endf, n-027_Co_059.endf, n-028_Ni_058.endf, n-028_Ni_059.endf, n-028_Ni_060.endf, n-028_Ni_062.endf, n-030_Zn_064.endf, n-030_Zn_066.endf, n-030_Zn_068.endf, n-031_Ga_071.endf, n-033_As_075.endf, n-034_Se_082.endf, n-035_Br_079.endf, n-036_Kr_084.endf, n-036_Kr_086.endf, n-038_Sr_086.endf, n-038_Sr_087.endf, n-038_Sr_088.endf, n-039_Y_089.endf, n-040_Zr_090.endf, n-040_Zr_091.endf, n-040_Zr_092.endf, n-040_Zr_093.endf, n-040_Zr_094.endf, n-040_Zr_096.endf, n-041_Nb_093.endf, n-042_Mo_092.endf, n-044_Ru_102.endf, n-045_Rh_103.endf, n-046_Pd_107.endf, n-048_Cd_116.endf, n-050_Sn_116.endf, n-050_Sn_117.endf, n-050_Sn_120.endf, n-053_I_129.endf, n-056_Ba_136.endf, n-057_La_139.endf, n-058_Ce_140.endf, n-059_Pr_141.endf, n-060_Nd_142.endf, n-062_Sm_149.endf, n-069_Tm_171.endf, n-081_Tl_203.endf, n-081_Tl_205.endf, n-082_Pb_204.endf, n-082_Pb_206.endf, n-082_Pb_207.endf, n-082_Pb_208.endf, n-083_Bi_209.endf, n-092_U_235.endf, n-092_U_238.endf, n-093_Np_237.endf,

psyche Level density in URR not in agreement with PSYCHE's expectations: n-010_Ne_021.endf, n-010_Ne_022.endf, n-011_Na_022.endf, n-016_S_035.endf, n-017_Cl_036.endf, n-018_Ar_036.endf, n-018_Ar_037.endf, n-018_Ar_038.endf, n-018_Ar_041.endf, n-020_Ca_045.endf, n-020_Ca_047.endf, n-023_V_049.endf, n-024_Cr_051.endf, n-025_Mn_054.endf, n-025_Mn_055.endf, n-026_Fe_055.endf, n-027_Co_058.endf, n-028_Ni_062.endf, n-028_Ni_063.endf, n-032_Ge_070.endf, n-032_Ge_071.endf, n-032_Ge_072.endf, n-032_Ge_073.endf, n-032_Ge_074.endf, n-032_Ge_076.endf, n-033_As_074.endf, n-034_Se_075.endf, n-036_Kr_081.endf, n-036_Kr_085.endf, n-037_Rb_086.endf, n-038_Sr_084.endf, n-039_Y_090.endf, n-040_Zr_090.endf, n-040_Zr_091.endf, n-040_Zr_092.endf, n-040_Zr_094.endf, n-040_Zr_096.endf, n-042_Mo_092.endf, n-042_Mo_093.endf, n-043_Tc_098.endf, n-043_Tc_099.endf, n-044_Ru_097.endf, n-045_Rh_103.endf, n-046_Pd_103.endf, n-047_Ag_109.endf, n-047_Ag_111.endf, n-047_Ag_118m1.endf, n-048_Cd_109.endf, n-048_Cd_113.endf, n-048_Cd_115m1.endf, n-050_Sn_113.endf, n-050_Sn_114.endf, n-050_Sn_115.endf, n-050_Sn_121m1.endf, n-050_Sn_125.endf, n-051_Sb_121.endf, n-051_Sb_123.endf, n-051_Sb_126.endf, n-052_Te_126.endf, n-052_Te_130.endf, n-052_Te_132.endf, n-053_I_130.endf, n-054_Xe_131.endf, n-055-Cs_133.endf, n-056_Ba_133.endf, n-057_La_140.endf, n-058_Ce_136.endf, n-058_Ce_138.endf, n-058_Ce_139.endf, n-058_Ce_143.endf, n-059_Pr_141.endf, n-059_Pr_142.endf, n-060_Nd_142.endf, n-060_Nd_143.endf, n-060_Nd_144.endf, n-060_Nd_145.endf, n-060_Nd_146.endf, n-060_Nd_147.endf, n-060_Nd_148.endf, n-060_Nd_150.endf, n-061_Pm_143.endf, n-061_Pm_144.endf, n-061_Pm_145.endf, n-061_Pm_146.endf, n-061_Pm_151.endf, n-062_Sm_144.endf, n-062_Sm_145.endf, n-062_Sm_147.endf, n-062_Sm_148.endf, n-062_Sm_149.endf, n-062_Sm_150.endf, n-062_Sm_151.endf, n-062_Sm_152.endf, n-062_Sm_153.endf, n-062_Sm_154.endf, n-063_Eu_152.endf, n-063_Eu_153.endf, n-063_Eu_157.endf, n-064_Gd_152.endf, n-064_Gd_153.endf, n-064_Gd_154.endf, n-064_Gd_155.endf, n-064_Gd_156.endf, n-064_Gd_157.endf, n-064_Gd_158.endf, n-064_Gd_160.endf, n-065_Tb_158.endf, n-065_Tb_160.endf, n-065_Tb_161.endf, n-066_Dy_156.endf, n-066_Dy_158.endf, n-066_Dy_160.endf, n-066_Dy_161.endf, n-066_Dy_162.endf, n-066_Dy_163.endf, n-066_Dy_164.endf, n-067_Ho_166m1.endf, n-068_Er_169.endf, n-069_Tm_169.endf, n-069_Tm_171.endf, n-070_Yb_175.endf, n-073-Ta_181.endf, n-074_W_181.endf, n-074_W_182.endf, n-074_W_183.endf, n-074_W_184.endf, n-075_Re_185.endf, n-075_Re_186m1.endf, n-075_Re_187.endf, n-076_Os_185.endf, n-076_Os_191.endf, n-077_Ir_192.endf, n-077_Ir_193.endf, n-077_Ir_194m1.endf, n-078_Pt_190.endf, n-078_Pt_191.endf, n-078_Pt_192.endf, n-078_Pt_193.endf, n-078_Pt_194.endf, n-078_Pt_195.endf, n-078_Pt_196.endf, n-078_Pt_197.endf, n-078_Pt_198.endf, n-079_Au_197.endf, n-080_Hg_203.endf, n-081_Tl_204.endf, n-082_Pb_205.endf, n-083_Bi_210m1.endf, n-084_Po_208.endf, n-084_Po_209.endf, n-084_Po_210.endf, n-090_Th_232.endf, n-091_Pa_231.endf, n-091_Pa_233.endf, n-092_U_235.endf, n-092_U_238.endf, n-092_U_239.endf, n-094_Pu_239.endf, n-094_Pu_240.endf, n-094_Pu_241.endf, n-094_Pu_242.endf, n-095_Am_243.endf,

psyche Non-threshold reaction with Q value differing from PSYCHE's expectations: n-010_Ne_021.endf, n-011_Na_022.endf, n-012_Mg_025.endf, n-013_Al_026m1.endf, n-014_Si_032.endf, n-016_S_033.endf, n-017_Cl_035.endf, n-018_Ar_036.endf, n-019_K_039.endf, n-020_Ca_042.endf, n-020_Ca_048.endf, n-021_Sc_045.endf, n-022_Ti_047.endf,

n-022_Ti_048.endf, n-022_Ti_049.endf, n-024_Cr_050.endf, n-024_Cr_051.endf, n-024_Cr_053.endf, n-025_Mn_054.endf, n-026_Fe_055.endf, n-027_Co_058.endf, n-027_Co_058m1.endf, n-027_Co_059.endf, n-028_Ni_058.endf, n-028_Ni_059.endf, n-028_Ni_061.endf, n-030_Zn_068.endf, n-032_Ge_070.endf, n-032_Ge_072.endf, n-032_Ge_073.endf, n-033_As_075.endf, n-034_Se_074.endf, n-034_Se_075.endf, n-034_Se_078.endf, n-035_Br_079.endf, n-035_Br_081.endf, n-036_Kr_078.endf, n-036_Kr_081.endf, n-036_Kr_082.endf, n-036_Kr_085.endf, n-037_Rb_085.endf, n-037_Rb_086.endf, n-038_Sr_084.endf, n-038_Sr_087.endf, n-038_Sr_089.endf, n-038_Sr_090.endf, n-040_Zr_094.endf, n-040_Zr_096.endf, n-041_Nb_093.endf, n-041_Nb_094.endf, n-041_Nb_095.endf, n-042_Mo_092.endf, n-042_Mo_093.endf, n-042_Mo_095.endf, n-042_Mo_098.endf, n-042_Mo_100.endf, n-044_Ru_096.endf, n-044_Ru_097.endf, n-044_Ru_099.endf, n-044_Ru_101.endf, n-045_Rh_103.endf, n-046_Pd_105.endf, n-046_Pd_108.endf, n-046_Pd_110.endf, n-047_Ag_107.endf, n-047_Ag_109.endf, n-047_Ag_110m1.endf, n-047_Ag_111.endf, n-048_Cd_106.endf, n-048_Cd_109.endf, n-048_Cd_114.endf, n-048_Cd_115m1.endf, n-048_Cd_116.endf, n-049_In_113.endf, n-050_Sn_113.endf, n-050_Sn_115.endf, n-050_Sn_125.endf, n-051_Sb_124.endf, n-051_Sb_126.endf, n-052_Te_123.endf, n-053_I_130.endf, n-054_Xe_124.endf, n-054_Xe_129.endf, n-054_Xe_131.endf, n-055-Cs_133.endf, n-055-Cs_136.endf, n-055-Cs_137.endf, n-056_Ba_130.endf, n-056_Ba_133.endf, n-056_Ba_135.endf, n-056_Ba_136.endf, n-057_La_140.endf, n-058_Ce_136.endf, n-058_Ce_138.endf, n-058_Ce_139.endf, n-058_Ce_142.endf, n-058_Ce_143.endf, n-059_Pr_141.endf, n-059_Pr_142.endf, n-060_Nd_142.endf, n-060_Nd_143.endf, n-060_Nd_144.endf, n-060_Nd_145.endf, n-060_Nd_146.endf, n-060_Nd_147.endf, n-060_Nd_148.endf, n-060_Nd_150.endf, n-062_Sm_144.endf, n-062_Sm_145.endf, n-062_Sm_147.endf, n-062_Sm_148.endf, n-062_Sm_149.endf, n-062_Sm_150.endf, n-062_Sm_151.endf, n-062_Sm_152.endf, n-062_Sm_153.endf, n-062_Sm_154.endf, n-063_Eu_151.endf, n-063_Eu_152.endf, n-063_Eu_153.endf, n-063_Eu_154.endf, n-063_Eu_156.endf, n-063_Eu_157.endf, n-064_Gd_152.endf, n-064_Gd_153.endf, n-064_Gd_154.endf, n-064_Gd_155.endf, n-064_Gd_156.endf, n-064_Gd_157.endf, n-064_Gd_158.endf, n-064_Gd_160.endf, n-065_Tb_160.endf, n-066_Dy_154.endf, n-066_Dy_156.endf, n-066_Dy_158.endf, n-066_Dy_159.endf, n-066_Dy_160.endf, n-066_Dy_161.endf, n-066_Dy_162.endf, n-066_Dy_163.endf, n-066_Dy_164.endf, n-067_Ho_166m1.endf, n-068_Er_162.endf, n-068_Er_166.endf, n-068_Er_170.endf, n-069_Tm_168.endf, n-069_Tm_169.endf, n-069_Tm_170.endf, n-070_Yb_168.endf, n-070_Yb_171.endf, n-070_Yb_173.endf, n-070_Yb_174.endf, n-070_Yb_176.endf, n-071_Lu_175.endf, n-071_Lu_176.endf, n-072_Hf_174.endf, n-072_Hf_177.endf, n-072_Hf_182.endf, n-073-Ta_182.endf, n-076_Os_184.endf, n-076_Os_191.endf, n-076_Os_192.endf, n-077_Ir_191.endf, n-077_Ir_193.endf, n-078_Pt_190.endf, n-078_Pt_191.endf, n-078_Pt_192.endf, n-078_Pt_195.endf, n-078_Pt_196.endf, n-078_Pt_197.endf, n-078_Pt_198.endf, n-080_Hg_196.endf, n-080_Hg_197m1.endf, n-080_Hg_199.endf, n-080_Hg_201.endf, n-080_Hg_202.endf, n-080_Hg_203.endf, n-080_Hg_204.endf, n-081_Tl_204.endf, n-082_Pb_204.endf, n-082_Pb_205.endf, n-082_Pb_206.endf, n-082_Pb_207.endf, n-082_Pb_208.endf, n-090_Th_232.endf, n-094_Pu_246.endf, n-098_Cf_254.endf, n-099_Es_255.endf,

psyche Strength function in URR not in agreement with PSYCHE's expectations: n-010_Ne_020.endf, n-010_Ne_021.endf, n-010_Ne_022.endf, n-011_Na_022.endf, n-011_Na_023.endf, n-012_Mg_024.endf, n-012_Mg_025.endf, n-012_Mg_026.endf, n-013_Al_026m1.endf, n-013_Al_027.endf, n-014_Si_028.endf, n-014_Si_029.endf, n-014_Si_030.endf, n-014_Si_032.endf, n-016_S_032.endf, n-016_S_033.endf, n-016_S_034.endf, n-016_S_035.endf, n-017_Cl_036.endf, n-017_Cl_037.endf, n-018_Ar_036.endf, n-018_Ar_037.endf, n-018_Ar_038.endf, n-018_Ar_041.endf, n-019_K_039.endf, n-019_K_041.endf, n-020_Ca_043.endf, n-020_Ca_045.endf, n-020_Ca_048.endf, n-022_Ti_046.endf, n-022_Ti_047.endf, n-022_Ti_050.endf, n-023_V_049.endf, n-024_Cr_051.endf, n-025_Mn_054.endf, n-025_Mn_055.endf, n-026_Fe_055.endf, n-027_Co_058m1.endf, n-028_Ni_059.endf, n-028_Ni_061.endf, n-028_Ni_063.endf, n-029_Cu_064.endf, n-030_Zn_069.endf, n-030_Zn_070.endf, n-031_Ga_070.endf, n-032_Ge_074.endf, n-032_Ge_075.endf, n-032_Ge_076.endf, n-033_As_073.endf, n-033_As_074.endf, n-033_As_075.endf, n-034_Se_074.endf, n-034_Se_075.endf, n-034_Se_079.endf, n-034_Se_081.endf, n-034_Se_082.endf, n-035_Br_079.endf, n-035_Br_080.endf, n-036_Kr_078.endf, n-036_Kr_080.endf, n-036_Kr_081.endf, n-036_Kr_082.endf, n-036_Kr_084.endf, n-036_Kr_086.endf, n-037_Rb_085.endf, n-037_Rb_086.endf, n-037_Rb_087.endf, n-038_Sr_084.endf, n-038_Sr_085.endf, n-038_Sr_086.endf, n-038_Sr_087.endf, n-039_Y_090.endf, n-040_Zr_093.endf, n-040_Zr_094.endf, n-040_Zr_096.endf, n-042_Mo_093.endf, n-043_Tc_098.endf, n-044_Ru_097.endf, n-044_Ru_100.endf, n-044_Ru_101.endf, n-044_Ru_104.endf, n-045_Rh_104.endf, n-045_Rh_105.endf, n-046_Pd_103.endf, n-046_Pd_107.endf, n-046_Pd_109.endf, n-047_Ag_110m1.endf, n-047_Ag_113.endf, n-047_Ag_114.endf, n-047_Ag_115.endf, n-047_Ag_116.endf,

n-047_Ag_117.endf, n-047_Ag_118m1.endf, n-048_Cd_106.endf, n-048_Cd_107.endf, n-048_Cd_108.endf, n-048_Cd_109.endf, n-048_Cd_113.endf, n-049_In_113.endf, n-049_In_114.endf, n-050_Sn_112.endf, n-050_Sn_113.endf, n-050_Sn_119.endf, n-050_Sn_120.endf, n-050_Sn_121m1.endf, n-050_Sn_122.endf, n-050_Sn_125.endf, n-051_Sb_121.endf, n-051_Sb_122.endf, n-052_Te_121.endf, n-052_Te_121m1.endf, n-052_Te_122.endf, n-052_Te_128.endf, n-052_Te_130.endf, n-052_Te_131.endf, n-052_Te_131m1.endf, n-052_Te_132.endf, n-053_I_128.endf, n-053_I_132.endf, n-053_I_132m1.endf, n-053_I_133.endf, n-053_I_134.endf, n-054_Xe_124.endf, n-054_Xe_125.endf, n-054_Xe_127.endf, n-054_Xe_129.endf, n-054_Xe_131.endf, n-054_Xe_133.endf, n-054_Xe_134.endf, n-054_Xe_135.endf, n-054_Xe_136.endf, n-055-Cs_133.endf, n-055-Cs_134.endf, n-055-Cs_135.endf, n-055-Cs_136.endf, n-055-Cs_137.endf, n-056_Ba_130.endf, n-056_Ba_131.endf, n-056_Ba_132.endf, n-056_Ba_133.endf, n-056_Ba_134.endf, n-056_Ba_135.endf, n-056_Ba_136.endf, n-056_Ba_137.endf, n-056_Ba_138.endf, n-056_Ba_139.endf, n-057_La_138.endf, n-057_La_139.endf, n-057_La_140.endf, n-058_Ce_136.endf, n-058_Ce_137.endf, n-058_Ce_137m1.endf, n-058_Ce_138.endf, n-058_Ce_139.endf, n-058_Ce_140.endf, n-058_Ce_141.endf, n-058_Ce_142.endf, n-058_Ce_143.endf, n-058_Ce_144.endf, n-059_Pr_141.endf, n-059_Pr_143.endf, n-060_Nd_144.endf, n-060_Nd_146.endf, n-060_Nd_147.endf, n-060_Nd_148.endf, n-060_Nd_149.endf, n-060_Nd_150.endf, n-061_Pm_143.endf, n-061_Pm_144.endf, n-061_Pm_146.endf, n-061_Pm_148m1.endf, n-061_Pm_150.endf, n-061_Pm_151.endf, n-062_Sm_145.endf, n-062_Sm_146.endf, n-062_Sm_148.endf, n-062_Sm_150.endf, n-062_Sm_151.endf, n-062_Sm_152.endf, n-062_Sm_153.endf, n-062_Sm_154.endf, n-063_Eu_151.endf, n-063_Eu_152.endf, n-063_Eu_157.endf, n-064_Gd_152.endf, n-064_Gd_153.endf, n-064_Gd_154.endf, n-064_Gd_155.endf, n-064_Gd_156.endf, n-064_Gd_157.endf, n-064_Gd_158.endf, n-064_Gd_159.endf, n-064_Gd_160.endf, n-065_Tb_158.endf, n-065_Tb_159.endf, n-065_Tb_160.endf, n-065_Tb_161.endf, n-066_Dy_155.endf, n-066_Dy_157.endf, n-066_Dy_158.endf, n-066_Dy_159.endf, n-066_Dy_160.endf, n-067_Ho_166m1.endf, n-068_Er_163.endf, n-068_Er_165.endf, n-068_Er_166.endf, n-068_Er_167.endf, n-068_Er_169.endf, n-068_Er_170.endf, n-069_Tm_168.endf, n-069_Tm_171.endf, n-070_Yb_168.endf, n-070_Yb_170.endf, n-070_Yb_174.endf, n-072_Hf_174.endf, n-072_Hf_175.endf, n-074_W_180.endf, n-074_W_181.endf, n-074_W_186.endf, n-076_Os_185.endf, n-076_Os_186.endf, n-076_Os_190.endf, n-076_Os_192.endf, n-077_Ir_194m1.endf, n-078_Pt_191.endf, n-078_Pt_192.endf, n-078_Pt_193.endf, n-078_Pt_194.endf, n-078_Pt_195.endf, n-078_Pt_196.endf, n-078_Pt_197.endf, n-078_Pt_198.endf, n-079_Au_197.endf, n-080_Hg_196.endf, n-080_Hg_197.endf, n-080_Hg_197m1.endf, n-080_Hg_202.endf, n-080_Hg_203.endf, n-081_Tl_204.endf, n-081_Tl_205.endf, n-082_Pb_204.endf, n-082_Pb_205.endf, n-082_Pb_206.endf, n-082_Pb_207.endf, n-082_Pb_208.endf, n-083_Bi_209.endf, n-083_Bi_210m1.endf, n-084_Po_208.endf, n-084_Po_209.endf, n-084_Po_210.endf, n-090_Th_228.endf, n-091_Pa_233.endf, n-092_U_235.endf, n-092_U_239.endf, n-093_Np_238.endf, n-094_Pu_239.endf, n-094_Pu_240.endf, n-094_Pu_242.endf, n-094_Pu_245.endf, n-095_Am_242.endf, n-095_Am_242m1.endf, n-095_Am_243.endf, n-096_Cm_247.endf, n-096_Cm_250.endf, n-097_Bk_249.endf, n-098_Cf_247.endf, n-098_Cf_250.endf, n-098_Cf_251.endf, n-099_Es_253.endf,

recent A sequence for a particular J-value was missing: n-008_O_018.endf, n-010_Ne_020.endf, n-011_Na_022.endf, n-011_Na_023.endf, n-012_Mg_025.endf, n-014_Si_029.endf, n-014_Si_030.endf, n-014_Si_031.endf, n-018_Ar_039.endf, n-018_Ar_040.endf, n-020_Ca_041.endf, n-020_Ca_043.endf, n-022_Ti_047.endf, n-022_Ti_049.endf, n-022_Ti_050.endf, n-023_V_051.endf, n-027_Co_058m1.endf, n-027_Co_059.endf, n-028_Ni_059.endf, n-029_Cu_064.endf, n-030_Zn_066.endf, n-030_Zn_068.endf, n-030_Zn_069.endf, n-031_Ga_070.endf, n-032_Ge_073.endf, n-032_Ge_075.endf, n-033_As_073.endf, n-034_Se_074.endf, n-034_Se_076.endf, n-034_Se_078.endf, n-034_Se_081.endf, n-035_Br_080.endf, n-036_Kr_079.endf, n-037_Rb_087.endf, n-038_Sr_084.endf, n-038_Sr_085.endf, n-038_Sr_087.endf, n-044_Ru_101.endf, n-045_Rh_104.endf, n-045_Rh_105.endf, n-046_Pd_109.endf, n-047_Ag_108.endf, n-047_Ag_112.endf, n-047_Ag_113.endf, n-047_Ag_114.endf, n-047_Ag_115.endf, n-047_Ag_117.endf, n-048_Cd_106.endf, n-048_Cd_107.endf, n-048_Cd_108.endf, n-048_Cd_116.endf, n-049_In_114.endf, n-050_Sn_125.endf, n-051_Sb_122.endf, n-052_Te_121.endf, n-052_Te_121m1.endf, n-052_Te_131.endf, n-052_Te_131m1.endf, n-053_I_128.endf, n-053_I_132.endf, n-053_I_132m1.endf, n-053_I_133.endf, n-053_I_134.endf, n-054_Xe_125.endf, n-054_Xe_127.endf, n-054_Xe_131.endf, n-054_Xe_135.endf, n-056_Ba_131.endf, n-056_Ba_135.endf, n-056_Ba_139.endf, n-058_Ce_137.endf, n-058_Ce_137m1.endf, n-060_Nd_149.endf, n-061_Pm_148m1.endf, n-061_Pm_150.endf, n-064_Gd_159.endf, n-066_Dy_155.endf, n-066_Dy_157.endf, n-068_Er_163.endf, n-068_Er_165.endf, n-069_Tm_168.endf, n-069_Tm_171.endf, n-070_Yb_174.endf, n-072_Hf_175.endf, n-078_Pt_196.endf, n-080_Hg_197.endf, n-080_Hg_197m1.endf, n-082_Pb_206.endf, n-092_U_236.endf, n-092_U_241.endf, n-094_Pu_243.endf, n-094_Pu_245.endf, n-098_Cf_247.endf,

n-099_Es_253.endf,

recent Competative widths aren't all zero like they're supposed to be: n-008_0_018.endf,

n-011_Na_023.endf, n-018_Ar_038.endf, n-021_Sc_045.endf, n-023_V_049.endf, n-038_Sr_088.endf, n-040_Zr_091.endf,
n-040_Zr_094.endf, n-042_Mo_095.endf, n-043_Tc_099.endf, n-044_Ru_101.endf, n-047_Ag_109.endf, n-053_I_130.endf,
n-054_Xe_129.endf, n-056_Ba_135.endf, n-060_Nd_142.endf, n-061_Pm_144.endf, n-061_Pm_145.endf, n-061_Pm_146.endf,
n-062_Sm_149.endf, n-065_Tb_158.endf, n-065_Tb_161.endf, n-070_Yb_175.endf, n-073-Ta_181.endf, n-075_Re_185.endf,
n-075_Re_187.endf, n-080_Hg_203.endf, n-083_Bi_209.endf, n-092_U_241.endf, n-094_Pu_243.endf, n-095_Am_243.endf,

recent Fission widths given for non-fissile nucleus, but are zero: n-017_Cl_037.endf, n-019_K_039.endf,

n-019_K_041.endf, n-034_Se_079.endf, n-038_Sr_089.endf, n-038_Sr_090.endf, n-039_Y_091.endf, n-040_Zr_091.endf,
n-040_Zr_095.endf, n-041_Nb_095.endf, n-042_Mo_099.endf, n-044_Ru_096.endf, n-044_Ru_098.endf, n-044_Ru_106.endf,
n-050_Sn_123.endf, n-051_Sb_124.endf, n-051_Sb_125.endf, n-052_Te_120.endf, n-052_Te_127m1.endf, n-052_Te_129m1.endf,
n-053_I_131.endf, n-054_Xe_133.endf, n-055-Cs_136.endf, n-058_Ce_144.endf, n-061_Pm_148.endf, n-061_Pm_149.endf,
n-063_Eu_156.endf, n-072_Hf_181.endf, n-072_Hf_182.endf,

recent L Dependent Scattering Radius in the Evaluation is Zero.: n-018_Ar_040.endf, n-023_V_051.endf,

n-082_Pb_207.endf, n-082_Pb_208.endf, n-092_U_233.endf, n-094_Pu_241.endf,

recent Statistical weight of certain L values were incorrect: n-008_0_018.endf, n-010_Ne_020.endf,

n-010_Ne_021.endf, n-011_Na_022.endf, n-011_Na_023.endf, n-012_Mg_025.endf, n-013_Al_027.endf, n-014_Si_029.endf,
n-014_Si_030.endf, n-014_Si_031.endf, n-016_S_035.endf, n-017_Cl_036.endf, n-018_Ar_037.endf, n-018_Ar_039.endf,
n-018_Ar_040.endf, n-018_Ar_041.endf, n-020_Ca_041.endf, n-020_Ca_043.endf, n-020_Ca_045.endf, n-020_Ca_047.endf,
n-021_Sc_045.endf, n-022_Ti_047.endf, n-022_Ti_049.endf, n-022_Ti_050.endf, n-023_V_049.endf, n-023_V_051.endf,
n-024_Cr_051.endf, n-025_Mn_054.endf, n-026_Fe_055.endf, n-027_Co_058m1.endf, n-027_Co_059.endf, n-028_Ni_059.endf,
n-028_Ni_061.endf, n-028_Ni_063.endf, n-029_Cu_064.endf, n-030_Zn_066.endf, n-030_Zn_067.endf, n-030_Zn_068.endf,
n-030_Zn_069.endf, n-031_Ga_069.endf, n-031_Ga_070.endf, n-031_Ga_071.endf, n-032_Ge_071.endf, n-032_Ge_073.endf,
n-032_Ge_075.endf, n-033_As_073.endf, n-033_As_075.endf, n-034_Se_074.endf, n-034_Se_075.endf, n-034_Se_076.endf,
n-034_Se_077.endf, n-034_Se_078.endf, n-034_Se_081.endf, n-035_Br_080.endf, n-035_Br_081.endf, n-036_Kr_079.endf,
n-036_Kr_081.endf, n-037_Rb_085.endf, n-037_Rb_086.endf, n-037_Rb_087.endf, n-038_Sr_084.endf, n-038_Sr_085.endf,
n-038_Sr_087.endf, n-039_Y_089.endf, n-039_Y_090.endf, n-040_Zr_091.endf, n-040_Zr_093.endf, n-041_Nb_093.endf,
n-042_Mo_093.endf, n-042_Mo_095.endf, n-042_Mo_097.endf, n-043_Tc_098.endf, n-043_Tc_099.endf, n-044_Ru_097.endf,
n-044_Ru_101.endf, n-045_Rh_103.endf, n-045_Rh_104.endf, n-045_Rh_105.endf, n-046_Pd_103.endf, n-046_Pd_105.endf,
n-046_Pd_109.endf, n-047_Ag_107.endf, n-047_Ag_108.endf, n-047_Ag_109.endf, n-047_Ag_111.endf, n-047_Ag_112.endf,
n-047_Ag_113.endf, n-047_Ag_114.endf, n-047_Ag_115.endf, n-047_Ag_117.endf, n-048_Cd_106.endf, n-048_Cd_107.endf,
n-048_Cd_108.endf, n-048_Cd_109.endf, n-048_Cd_111.endf, n-048_Cd_113.endf, n-048_Cd_115m1.endf, n-048_Cd_116.endf,
n-049_In_113.endf, n-049_In_114.endf, n-049_In_115.endf, n-050_Sn_113.endf, n-050_Sn_117.endf, n-050_Sn_119.endf,
n-050_Sn_121m1.endf, n-050_Sn_125.endf, n-051_Sb_121.endf, n-051_Sb_122.endf, n-051_Sb_123.endf, n-051_Sb_126.endf,
n-052_Te_121.endf, n-052_Te_121m1.endf, n-052_Te_125.endf, n-052_Te_131.endf, n-052_Te_131m1.endf, n-053_I_127.endf,
n-053_I_128.endf, n-053_I_129.endf, n-053_I_130.endf, n-053_I_132.endf, n-053_I_132m1.endf, n-053_I_133.endf,
n-053_I_134.endf, n-054_Xe_125.endf, n-054_Xe_127.endf, n-054_Xe_131.endf, n-054_Xe_135.endf, n-055-Cs_133.endf,
n-056_Ba_131.endf, n-056_Ba_135.endf, n-056_Ba_137.endf, n-056_Ba_139.endf, n-057_La_139.endf, n-058_Ce_137.endf,
n-058_Ce_137m1.endf, n-059_Pr_141.endf, n-060_Nd_143.endf, n-060_Nd_149.endf, n-061_Pm_143.endf, n-061_Pm_144.endf,
n-061_Pm_145.endf, n-061_Pm_146.endf, n-061_Pm_148m1.endf, n-061_Pm_150.endf, n-062_Sm_145.endf, n-064_Gd_159.endf,
n-065_Tb_158.endf, n-065_Tb_161.endf, n-066_Dy_155.endf, n-066_Dy_157.endf, n-068_Er_163.endf, n-068_Er_165.endf,
n-068_Er_169.endf, n-069_Tm_168.endf, n-069_Tm_171.endf, n-070_Yb_174.endf, n-070_Yb_175.endf, n-072_Hf_175.endf,
n-074_W_181.endf, n-075_Re_186m1.endf, n-076_Os_185.endf, n-076_Os_191.endf, n-077_Ir_192.endf, n-077_Ir_194m1.endf,
n-078_Pt_191.endf, n-078_Pt_193.endf, n-078_Pt_195.endf, n-078_Pt_196.endf, n-078_Pt_197.endf, n-080_Hg_197.endf,

n-080_Hg_197m1.endf, n-080_Hg_203.endf, n-081_Tl_203.endf, n-081_Tl_204.endf, n-081_Tl_205.endf, n-082_Pb_205.endf, n-082_Pb_206.endf, n-082_Pb_207.endf, n-083_Bi_209.endf, n-084_Po_209.endf, n-092_U_236.endf, n-092_U_241.endf, n-094_Pu_243.endf, n-094_Pu_245.endf, n-098_Cf_247.endf, n-099_Es_253.endf,

recent generic warning message: n-088_Ra_226.endf, n-090_Th_228.endf, n-090_Th_229.endf, n-090_Th_230.endf, n-090_Th_232.endf, n-091_Pa_232.endf, n-092_U_232.endf, n-092_U_236.endf, n-092_U_238.endf, n-093_Np_238.endf, n-094_Pu_238.endf, n-094_Pu_244.endf, n-094_Pu_245.endf, n-095_Am_243.endf, n-096_Cm_243.endf, n-096_Cm_245.endf, n-098_Cf_247.endf, n-099_Es_253.endf,

xsectplotter Breakup into e+e- pairs not yet supported by fudge: n-005_B_010.endf,

xsectplotter Encountered runtime warning in xsectplotter or Fudge or matplotlib: n-020_Ca_040.endf, n-020_Ca_042.endf, n-020_Ca_043.endf, n-066_Dy_154.endf, n-074_W_182.endf, n-074_W_183.endf, n-074_W_184.endf, n-074_W_186.endf,

xsectplotter Generic warning message: n-017_Cl_035.endf, n-020_Ca_040.endf, n-090_Th_229.endf,