Release notes for ENDF/B Development electrons sublibrary

January 27, 2018

FAILURE SUMMARY

No FAILURES found!

ERROR SUMMARY

fudge-4.0 2-body reaction not in center-of-mass frame: e-001_H_000.endf, e-002_He_000.endf, e-003_Li_000.endf, e-004_Be_000.endf, e-005_B_000.endf, e-006_C_000.endf, e-007_N_000.endf, e-008_O_000.endf, e-009_F_000.endf, e-010_Ne_000.endf, e-011_Na_000.endf, e-012_Mg_000.endf, e-013_Al_000.endf, e-014_Si_000.endf, e-015_P_000.endf, e-016_S_000.endf, e-017_Cl_000.endf, e-018_Ar_000.endf, e-019_K_000.endf, e-020_Ca_000.endf, e-021_Sc_000.endf, e-022_Ti_000.endf, e-023_V_000.endf, e-024_Cr_000.endf, e-025_Mn_000.endf, e-026_Fe_000.endf, e-027_Co_000.endf, e-028_Ni_000.endf, e-029_Cu_000.endf, e-030_Zn_000.endf, e-031_Ga_000.endf, e-032_Ge_000.endf, e-033_As_000.endf, e-034_Se_000.endf, e-035_Br_000.endf, e-036_Kr_000.endf, e-037_Rb_000.endf, e-038_Sr_000.endf, e-039_Y_000.endf, e-040_Zr_000.endf, e-041_Nb_000.endf, e-042_Mo_000.endf, e-043_Tc_000.endf, e-044_Ru_000.endf, e-045_Rh_000.endf, e-046_Pd_000.endf, e-047_Ag_000.endf, e-048_Cd_000.endf, e-049_In_000.endf, e-050_Sn_000.endf, e-051_Sb_000.endf, e-052_Te_000.endf, e-053_I_000.endf, e-054_Xe_000.endf, e-055_Cs_000.endf, e-056_Ba_000.endf, e-057_La_000.endf, e-058_Ce_000.endf, e-059_Pr_000.endf, e-060_Nd_000.endf, e-061_Pm_000.endf, e-062_Sm_000.endf, e-063_Eu_000.endf, e-064_Gd_000.endf, e-065_Tb_000.endf, e-066_Dy_000.endf, e-067_Ho_000.endf, e-068_Er_000.endf, e-069_Tm_000.endf, e-070_Yb_000.endf, e-071_Lu_000.endf, e-072_Hf_000.endf, e-073_Ta_000.endf, e-074_W_000.endf, e-075_Re_000.endf, e-076_Os_000.endf, e-077_Ir_000.endf, e-078_Pt_000.endf, e-079_Au_000.endf, e-080_Hg_000.endf, e-081_Tl_000.endf, e-082_Pb_000.endf, e-083_Bi_000.endf, e-084_Po_000.endf, e-085_At_000.endf, e-086_Rn_000.endf, e-087_Fr_000.endf, e-088_Ra_000.endf, e-089_Ac_000.endf, e-090_Th_000.endf, e-091_Pa_000.endf, e-092_U_000.endf, e-093_Np_000.endf, e-094_Pu_000.endf, e-095_Am_000.endf, e-096_Cm_000.endf, e-097_Bk_000.endf, e-098_Cf_000.endf, e-099_Es_000.endf, e-100_Fm_000.endf,

fudge-4.0 Calculated and tabulated thresholds don't agree: e-001_H_000.endf, e-002_He_000.endf, e-003_Li_000.endf, e-004_Be_000.endf, e-005_B_000.endf, e-006_C_000.endf, e-007_N_000.endf, e-008_O_000.endf, e-009_F_000.endf, e-010_Ne_000.endf, e-011_Na_000.endf, e-012_Mg_000.endf, e-013_Al_000.endf, e-014_Si_000.endf, e-015_P_000.endf, e-016_S_000.endf, e-017_Cl_000.endf, e-018_Ar_000.endf, e-019_K_000.endf, e-020_Ca_000.endf, e-021_Sc_000.endf, e-022_Ti_000.endf, e-023_V_000.endf, e-024_Cr_000.endf, e-025_Mn_000.endf, e-026_Fe_000.endf, e-027_Co_000.endf, e-028_Ni_000.endf, e-029_Cu_000.endf, e-030_Zn_000.endf, e-031_Ga_000.endf, e-032_Ge_000.endf, e-033_As_000.endf, e-034_Se_000.endf, e-035_Br_000.endf, e-036_Kr_000.endf, e-037_Rb_000.endf, e-038_Sr_000.endf, e-039_Y_000.endf, e-040_Zr_000.endf, e-041_Nb_000.endf, e-042_Mo_000.endf, e-043_Tc_000.endf, e-044_Ru_000.endf, e-045_Rh_000.endf, e-046_Pd_000.endf, e-047_Ag_000.endf, e-048_Cd_000.endf, e-049_In_000.endf, e-050_Sn_000.endf, e-051_Sb_000.endf, e-052_Te_000.endf, e-053_I_000.endf, e-054_Xe_000.endf, e-055_Cs_000.endf, e-056_Ba_000.endf, e-057_La_000.endf, e-058_Ce_000.endf, e-059_Pr_000.endf, e-060_Nd_000.endf, e-061_Pm_000.endf, e-062_Sm_000.endf, e-063_Eu_000.endf, e-064_Gd_000.endf, e-065_Tb_000.endf, e-066_Dy_000.endf, e-067_Ho_000.endf, e-068_Er_000.endf, e-069_Tm_000.endf, e-070_Yb_000.endf, e-071_Lu_000.endf, e-072_Hf_000.endf, e-073_Ta_000.endf, e-074_W_000.endf, e-075_Re_000.endf, e-076_Os_000.endf, e-077_Ir_000.endf, e-078_Pt_000.endf, e-079_Au_000.endf, e-080_Hg_000.endf, e-081_Tl_000.endf, e-082_Pb_000.endf, e-083_Bi_000.endf, e-084_Po_000.endf, e-085_At_000.endf, e-086_Rn_000.endf, e-087_Fr_000.endf, e-088_Ra_000.endf, e-089_Ac_000.endf, e-090_Th_000.endf, e-091_Pa_000.endf, e-092_U_000.endf, e-093_Np_000.endf, e-094_Pu_000.endf, e-095_Am_000.endf, e-096_Cm_000.endf, e-097_Bk_000.endf, e-098_Cf_000.endf, e-099_Es_000.endf, e-100_Fm_000.endf,

WARNING SUMMARY

fudge-4.0 Cross section does not match sum of linked reaction cross sections: e-001_H_000.endf, e-002_He_000.endf, e-003_Li_000.endf, e-004_Be_000.endf, e-005_B_000.endf, e-006_C_000.endf, e-007_N_000.endf, e-008_O_000.endf, e-009_F_000.endf, e-010_Ne_000.endf, e-011_Na_000.endf, e-012_Mg_000.endf, e-013_Al_000.endf, e-014_Si_000.endf, e-015_P_000.endf, e-016_S_000.endf, e-017_Cl_000.endf, e-018_Ar_000.endf, e-019_K_000.endf, e-020_Ca_000.endf, e-021_Sc_000.endf, e-022_Ti_000.endf, e-023_V_000.endf, e-024_Cr_000.endf, e-025_Mn_000.endf, e-026_Fe_000.endf, e-027_Co_000.endf, e-028_Ni_000.endf, e-029_Cu_000.endf, e-030_Zn_000.endf, e-031_Ga_000.endf, e-032_Ge_000.endf, e-033_As_000.endf, e-034_Se_000.endf, e-035_Br_000.endf, e-036_Kr_000.endf, e-037_Rb_000.endf, e-038_Sr_000.endf, e-039_Y_000.endf, e-040_Zr_000.endf, e-041_Nb_000.endf, e-042_Mo_000.endf, e-043_Tc_000.endf, e-044_Ru_000.endf, e-045_Rh_000.endf, e-046_Pd_000.endf, e-047_Ag_000.endf, e-048_Cd_000.endf, e-049_In_000.endf, e-050_Sn_000.endf, e-051_Sb_000.endf, e-052_Te_000.endf, e-053_I_000.endf, e-054_Xe_000.endf, e-055_Cs_000.endf, e-056_Ba_000.endf, e-057_La_000.endf, e-058_Ce_000.endf, e-059_Pr_000.endf, e-060_Nd_000.endf, e-061_Pm_000.endf, e-062_Sm_000.endf, e-063_Eu_000.endf, e-064_Gd_000.endf, e-065_Tb_000.endf, e-066_Dy_000.endf, e-067_Ho_000.endf, e-068_Er_000.endf, e-069_Tm_000.endf, e-070_Yb_000.endf, e-071_Lu_000.endf, e-072_Hf_000.endf, e-073_Ta_000.endf, e-074_W_000.endf, e-075_Re_000.endf, e-076_Os_000.endf, e-077_Ir_000.endf, e-078_Pt_000.endf, e-079_Au_000.endf, e-080_Hg_000.endf, e-081_Tl_000.endf, e-082_Pb_000.endf, e-083_Bi_000.endf, e-084_Po_000.endf, e-085_At_000.endf, e-086_Rn_000.endf, e-087_Fr_000.endf, e-088_Ra_000.endf, e-089_Ac_000.endf, e-090_Th_000.endf, e-091_Pa_000.endf, e-092_U_000.endf, e-093_Np_000.endf, e-094_Pu_000.endf, e-095_Am_000.endf, e-096_Cm_000.endf, e-097_Bk_000.endf, e-098_Cf_000.endf, e-099_Es_000.endf, e-100_Fm_000.endf,

fudge-4.0 Mislabled emitted particle: e-001_H_000.endf, e-002_He_000.endf, e-003_Li_000.endf, e-004_Be_000.endf, e-005_B_000.endf, e-006_C_000.endf, e-007_N_000.endf, e-008_O_000.endf, e-009_F_000.endf, e-010_Ne_000.endf, e-011_Na_000.endf, e-012_Mg_000.endf, e-013_Al_000.endf, e-014_Si_000.endf, e-015_P_000.endf, e-016_S_000.endf, e-017_Cl_000.endf, e-018_Ar_000.endf, e-019_K_000.endf, e-020_Ca_000.endf, e-021_Sc_000.endf, e-022_Ti_000.endf, e-023_V_000.endf, e-024_Cr_000.endf, e-025_Mn_000.endf, e-026_Fe_000.endf, e-027_Co_000.endf, e-028_Ni_000.endf, e-029_Cu_000.endf, e-030_Zn_000.endf, e-031_Ga_000.endf, e-032_Ge_000.endf, e-033_As_000.endf, e-034_Se_000.endf, e-035_Br_000.endf, e-036_Kr_000.endf, e-037_Rb_000.endf, e-038_Sr_000.endf, e-039_Y_000.endf, e-040_Zr_000.endf, e-041_Nb_000.endf, e-042_Mo_000.endf, e-043_Tc_000.endf, e-044_Ru_000.endf, e-045_Rh_000.endf, e-046_Pd_000.endf, e-047_Ag_000.endf, e-048_Cd_000.endf, e-049_In_000.endf, e-050_Sn_000.endf, e-051_Sb_000.endf, e-052_Te_000.endf, e-053_I_000.endf, e-054_Xe_000.endf, e-055_Cs_000.endf, e-056_Ba_000.endf, e-057_La_000.endf, e-058_Ce_000.endf, e-059_Pr_000.endf, e-060_Nd_000.endf, e-061_Pm_000.endf, e-062_Sm_000.endf, e-063_Eu_000.endf, e-064_Gd_000.endf, e-065_Tb_000.endf, e-066_Dy_000.endf, e-067_Ho_000.endf, e-068_Er_000.endf, e-069_Tm_000.endf, e-070_Yb_000.endf, e-071_Lu_000.endf, e-072_Hf_000.endf, e-073_Ta_000.endf, e-074_W_000.endf, e-075_Re_000.endf, e-076_Os_000.endf, e-077_Ir_000.endf, e-078_Pt_000.endf, e-079_Au_000.endf, e-080_Hg_000.endf, e-081_Tl_000.endf, e-082_Pb_000.endf, e-083_Bi_000.endf, e-084_Po_000.endf, e-085_At_000.endf, e-086_Rn_000.endf, e-087_Fr_000.endf, e-088_Ra_000.endf, e-089_Ac_000.endf, e-090_Th_000.endf, e-091_Pa_000.endf, e-092_U_000.endf, e-093_Np_000.endf, e-094_Pu_000.endf, e-095_Am_000.endf, e-096_Cm_000.endf, e-097_Bk_000.endf, e-098_Cf_000.endf, e-099_Es_000.endf, e-100_Fm_000.endf,

xsectplotter Encountered runtime warning in xsectplotter or Fudge or matplotlib: e-039_Y_000.endf, e-040_Zr_000.endf, e-041_Nb_000.endf, e-042_Mo_000.endf, e-043_Tc_000.endf, e-044_Ru_000.endf, e-045_Rh_000.endf, e-047_Ag_000.endf, e-048_Cd_000.endf, e-049_In_000.endf, e-050_Sn_000.endf, e-051_Sb_000.endf, e-052_Te_000.endf, e-053_I_000.endf, e-054_Xe_000.endf, e-055_Cs_000.endf, e-056_Ba_000.endf, e-057_La_000.endf, e-058_Ce_000.endf, e-059_Pr_000.endf, e-060_Nd_000.endf, e-061_Pm_000.endf, e-062_Sm_000.endf, e-063_Eu_000.endf, e-064_Gd_000.endf, e-065_Tb_000.endf, e-066_Dy_000.endf, e-067_Ho_000.endf, e-068_Er_000.endf, e-069_Tm_000.endf, e-070_Yb_000.endf, e-071_Lu_000.endf, e-072_Hf_000.endf, e-073_Ta_000.endf, e-074_W_000.endf, e-075_Re_000.endf, e-076_Os_000.endf, e-077_Ir_000.endf, e-078_Pt_000.endf, e-079_Au_000.endf, e-080_Hg_000.endf, e-081_Tl_000.endf, e-082_Pb_000.endf, e-083_Bi_000.endf, e-084_Po_000.endf, e-085_At_000.endf, e-086_Rn_000.endf, e-087_Fr_000.endf, e-088_Ra_000.endf, e-089_Ac_000.endf, e-090_Th_000.endf, e-091_Pa_000.endf, e-092_U_000.endf, e-093_Np_000.endf, e-094_Pu_000.endf, e-095_Am_000.endf,

e-096_Cm_000.endf, e-097_Bk_000.endf, e-098_Cf_000.endf, e-099_Es_000.endf, e-100_Fm_000.endf,

xsectplotter Mislabled emitted particle: e-001_H_000.endf, e-002_He_000.endf, e-003_Li_000.endf, e-004_Be_000.endf, e-005_B_000.endf, e-006_C_000.endf, e-007_N_000.endf, e-008_O_000.endf, e-009_F_000.endf, e-010_Ne_000.endf, e-011_Na_000.endf, e-012_Mg_000.endf, e-013_Al_000.endf, e-014_Si_000.endf, e-015_P_000.endf, e-016_S_000.endf, e-017_Cl_000.endf, e-018_Ar_000.endf, e-019_K_000.endf, e-020_Ca_000.endf, e-021_Sc_000.endf, e-022_Ti_000.endf, e-023_V_000.endf, e-024_Cr_000.endf, e-025_Mn_000.endf, e-026_Fe_000.endf, e-027_Co_000.endf, e-028_Ni_000.endf, e-029_Cu_000.endf, e-030_Zn_000.endf, e-031_Ga_000.endf, e-032_Ge_000.endf, e-033_As_000.endf, e-034_Se_000.endf, e-035_Br_000.endf, e-036_Kr_000.endf, e-037_Rb_000.endf, e-038_Sr_000.endf, e-039_Y_000.endf, e-040_Zr_000.endf, e-041_Nb_000.endf, e-042_Mo_000.endf, e-043_Tc_000.endf, e-044_Ru_000.endf, e-045_Rh_000.endf, e-046_Pd_000.endf, e-047_Ag_000.endf, e-048_Cd_000.endf, e-049_In_000.endf, e-050_Sn_000.endf, e-051_Sb_000.endf, e-052_Te_000.endf, e-053_I_000.endf, e-054_Xe_000.endf, e-055_Cs_000.endf, e-056_Ba_000.endf, e-057_La_000.endf, e-058_Ce_000.endf, e-059_Pr_000.endf, e-060_Nd_000.endf, e-061_Pm_000.endf, e-062_Sm_000.endf, e-063_Eu_000.endf, e-064_Gd_000.endf, e-065_Tb_000.endf, e-066_Dy_000.endf, e-067_Ho_000.endf, e-068_Er_000.endf, e-069_Tm_000.endf, e-070_Yb_000.endf, e-071_Lu_000.endf, e-072_Hf_000.endf, e-073_Ta_000.endf, e-074_W_000.endf, e-075_Re_000.endf, e-076_Os_000.endf, e-077_Ir_000.endf, e-078_Pt_000.endf, e-079_Au_000.endf, e-080_Hg_000.endf, e-081_Tl_000.endf, e-082_Pb_000.endf, e-083_Bi_000.endf, e-084_Po_000.endf, e-085_At_000.endf, e-086_Rn_000.endf, e-087_Fr_000.endf, e-088_Ra_000.endf, e-089_Ac_000.endf, e-090_Th_000.endf, e-091_Pa_000.endf, e-092_U_000.endf, e-093_Np_000.endf, e-094_Pu_000.endf, e-095_Am_000.endf, e-096_Cm_000.endf, e-097_Bk_000.endf, e-098_Cf_000.endf, e-099_Es_000.endf, e-100_Fm_000.endf,