

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

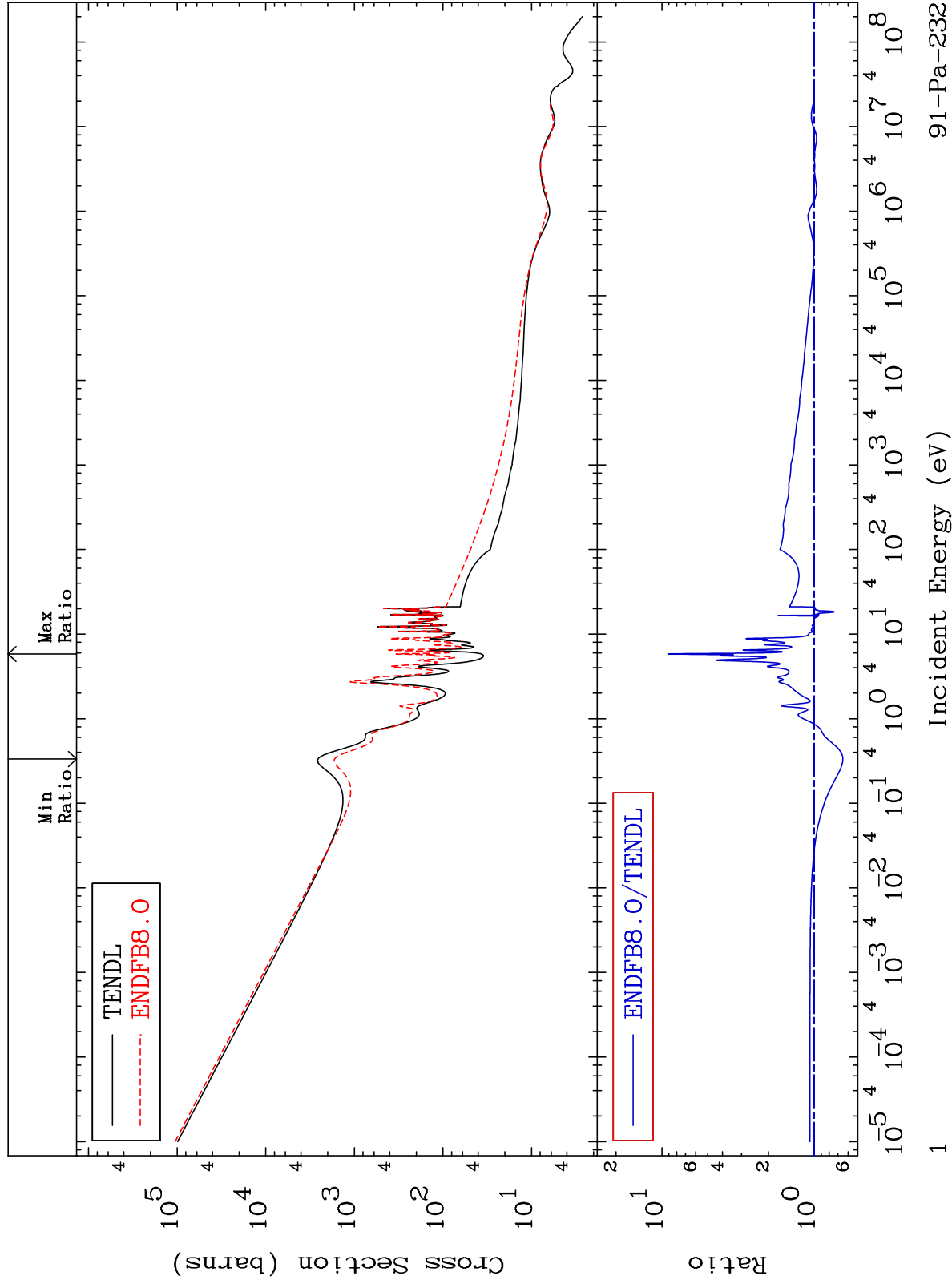
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9134

Total
Cross Section

91-Pa-232
-35.09 To 811.4 %



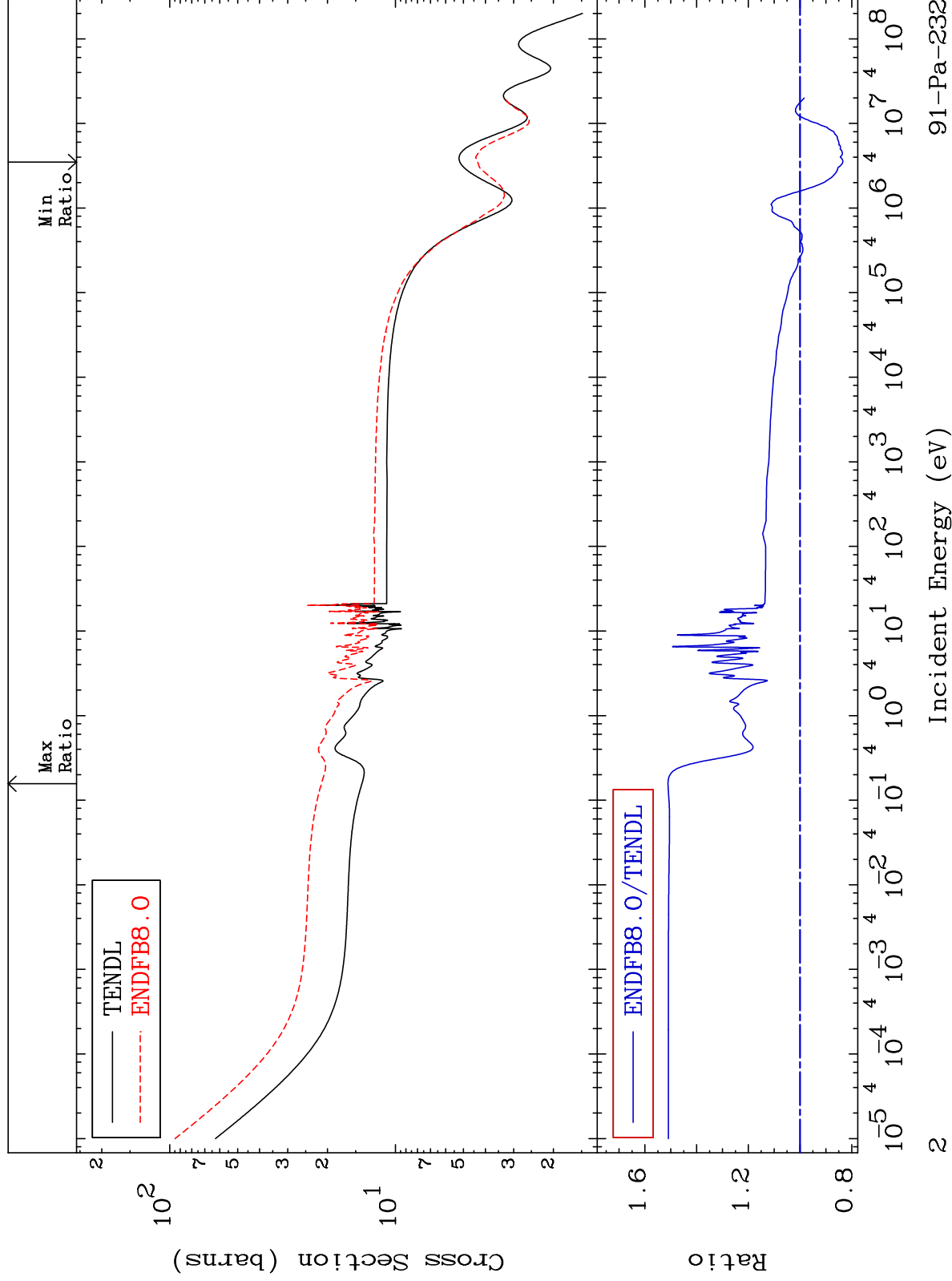
MAT 9134

Elastic

Cross Section

91-Pa-232

-16.57 To 51.07 %

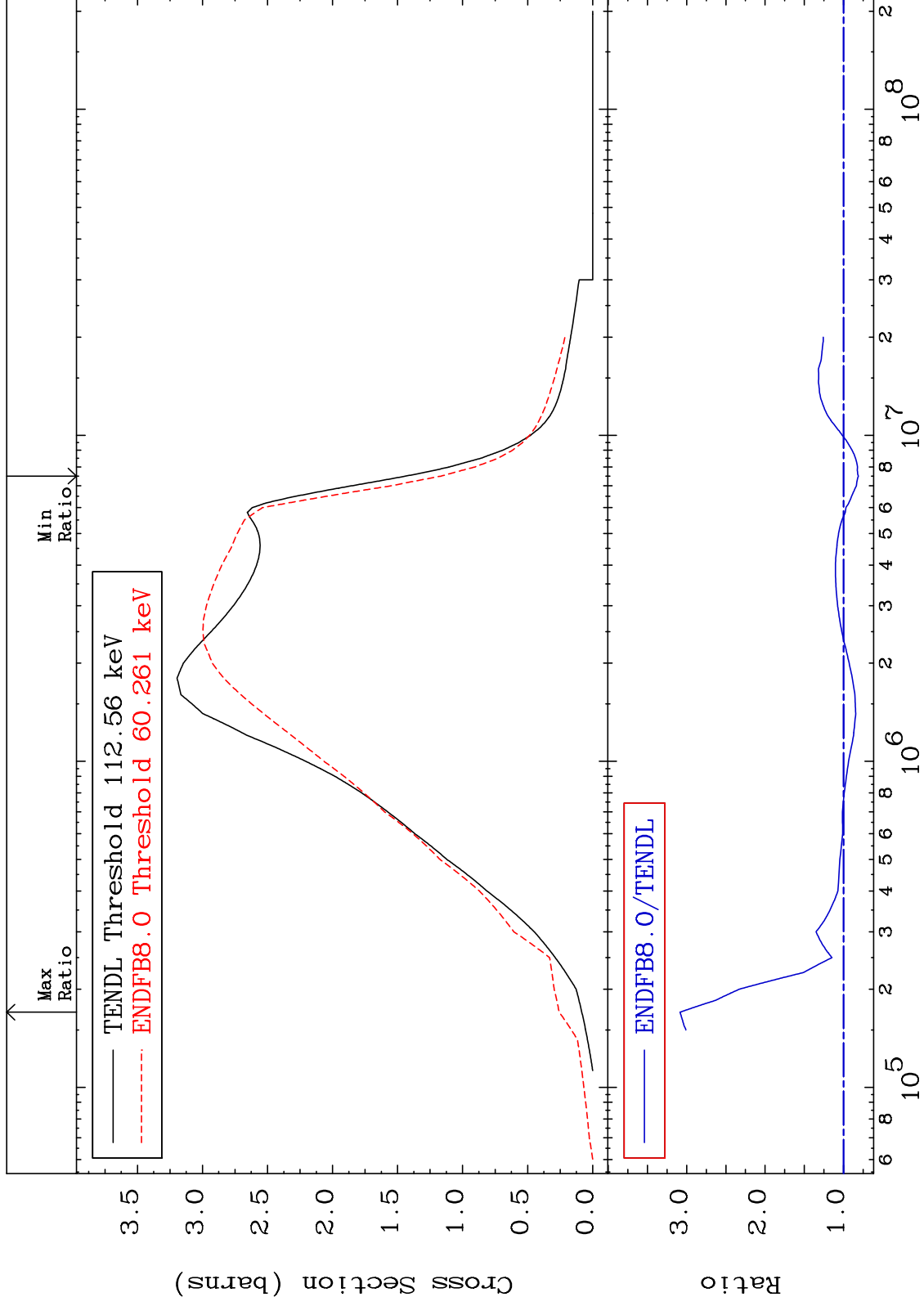


MAT 9134

Inelastic
Cross Section

91-Pa-232

-18.94 To 208.4 %



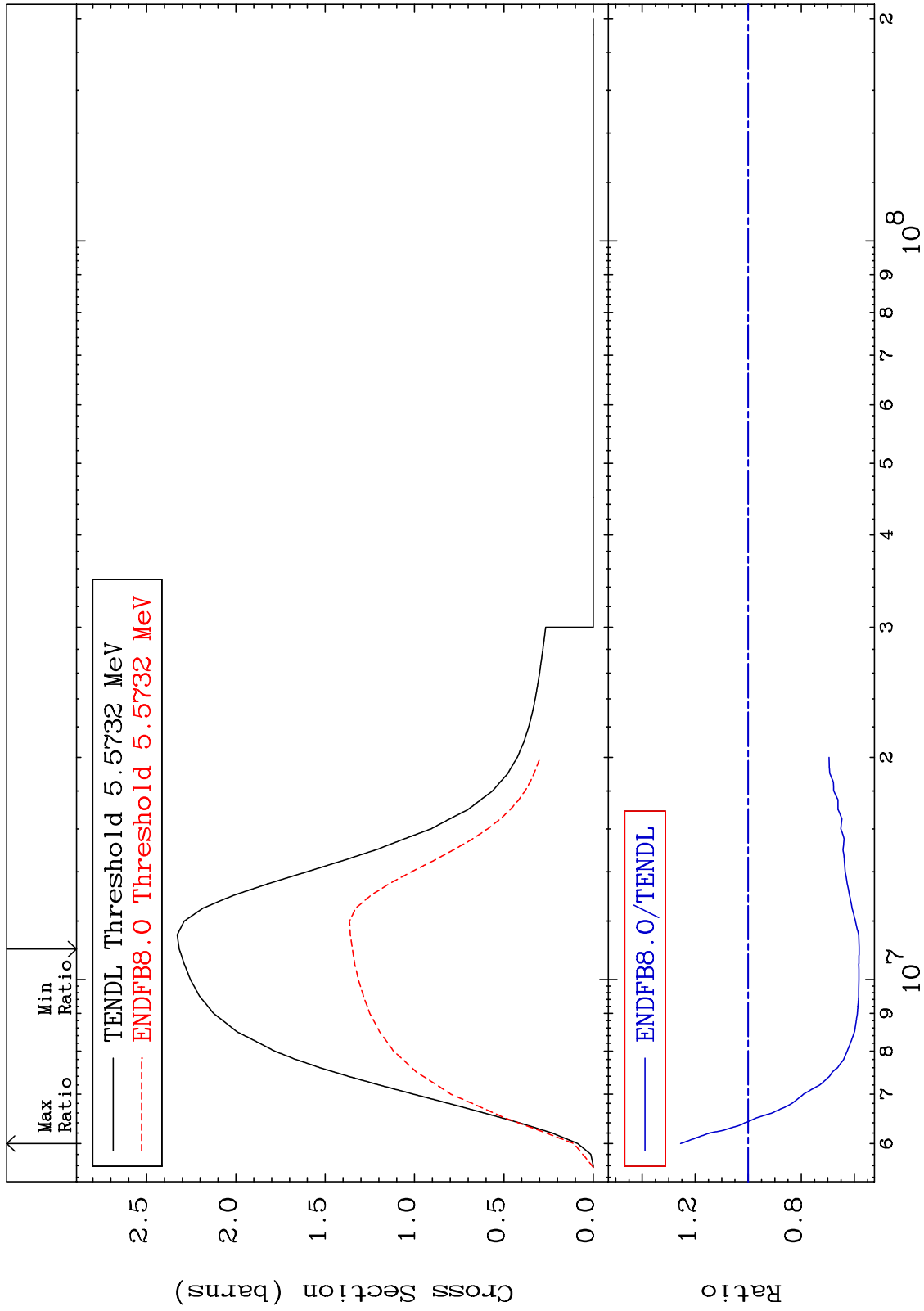
MAT 9134

(n,2n)

91-Pa-232

Cross Section

-41.83 To 25.50 %



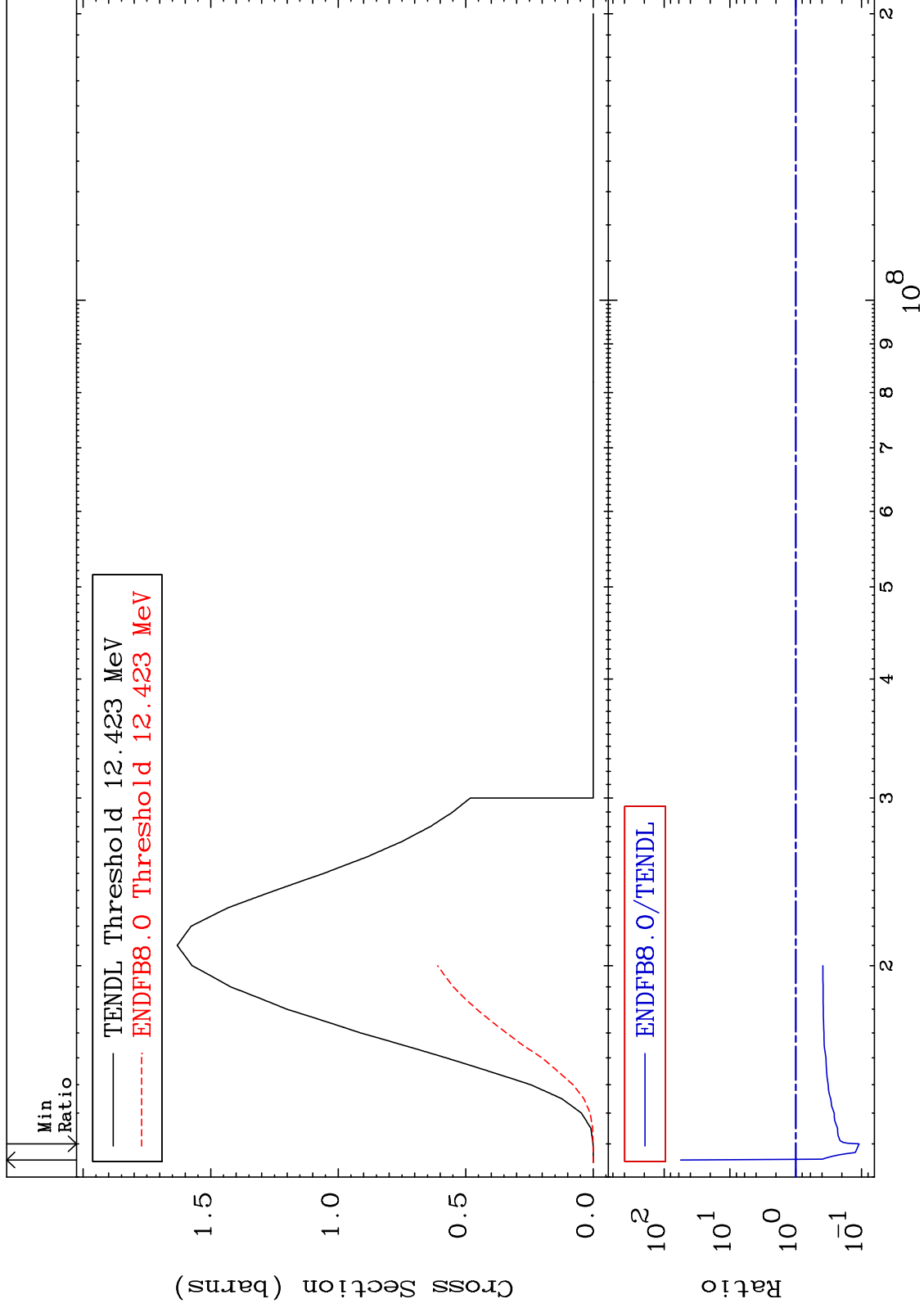
MAT 9134

(n, 3n)

91-Pa-232

Cross Section

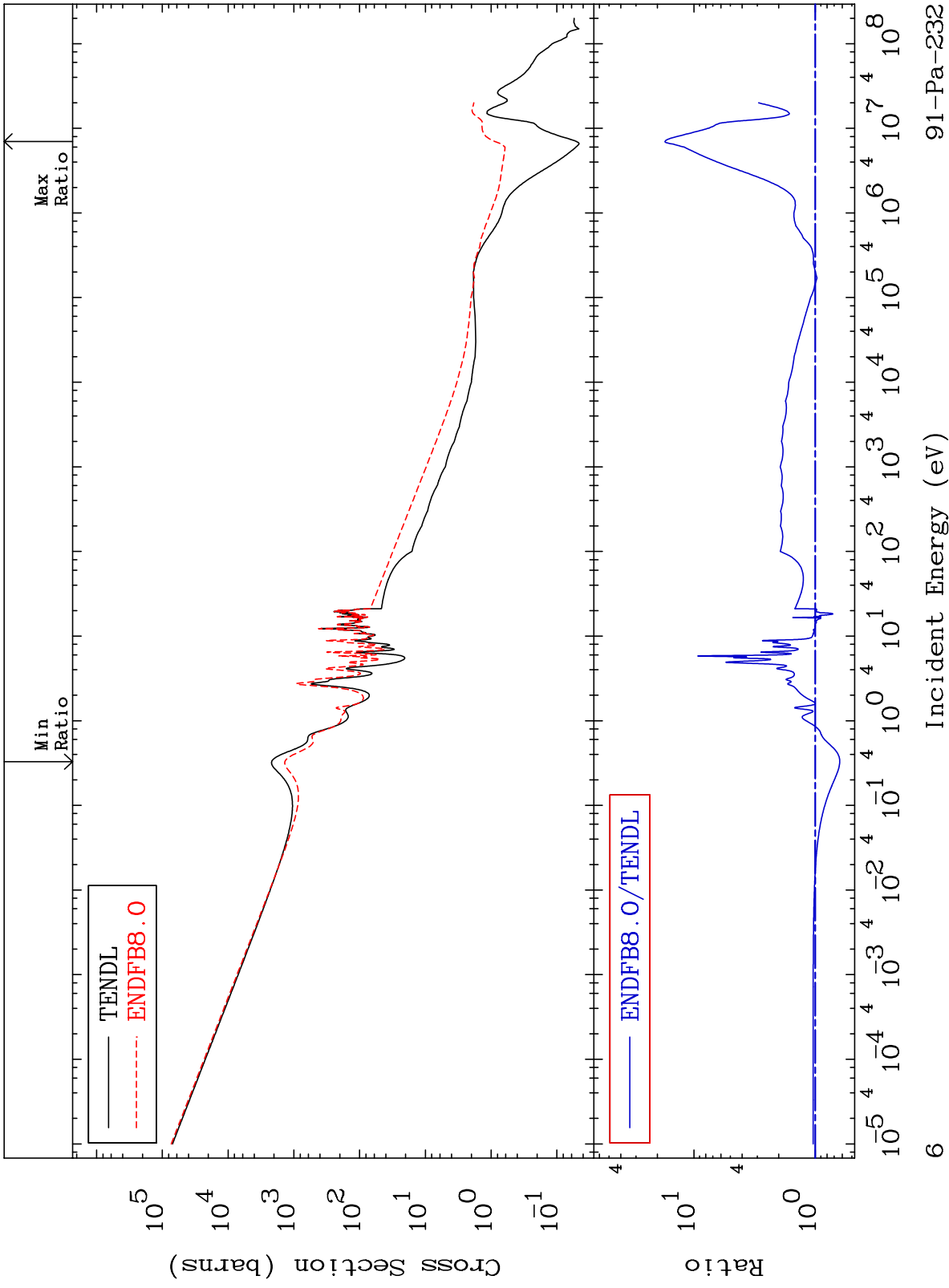
-89.11 To 5525. %



MAT 9134

Fission
Cross Section

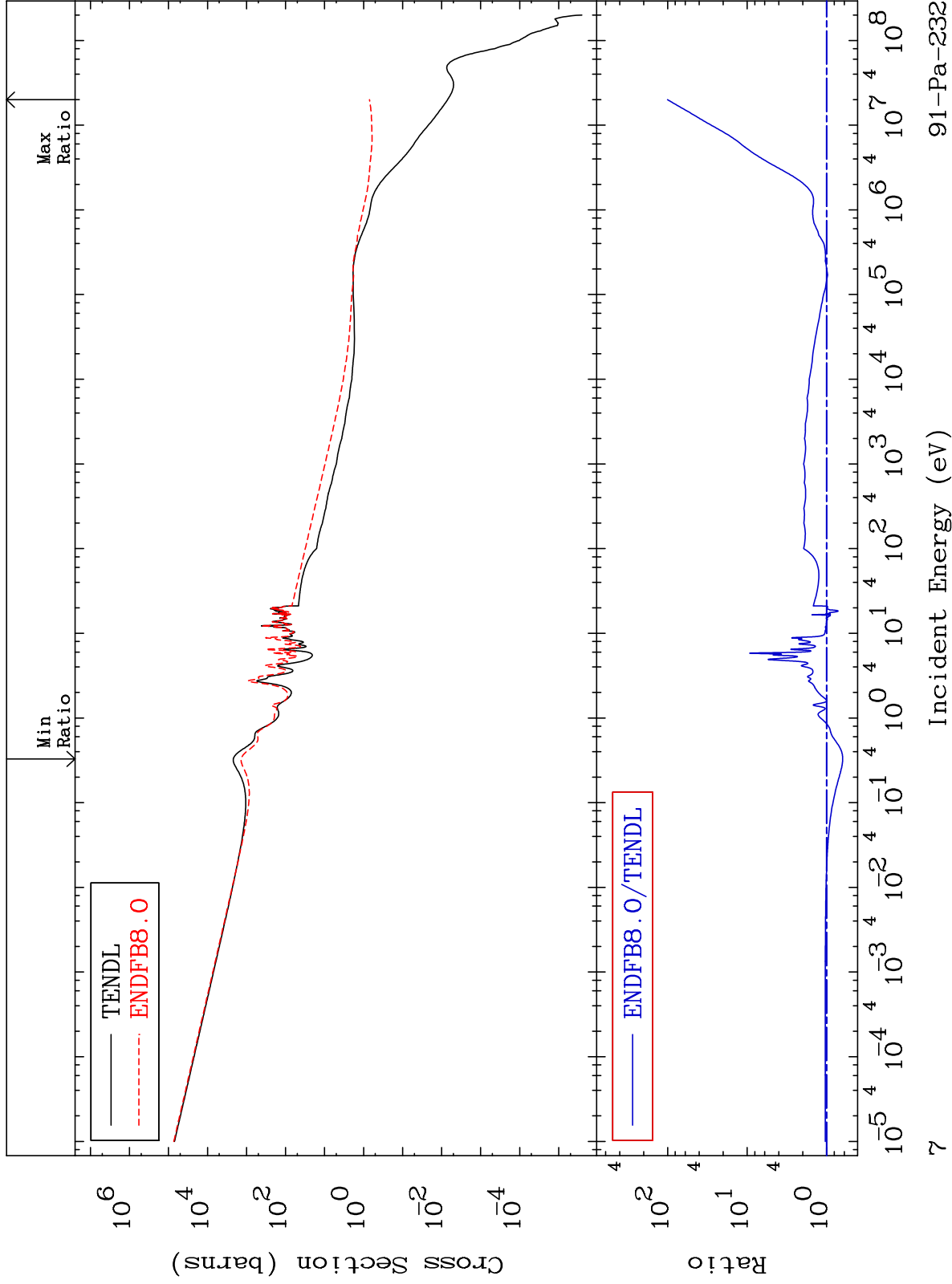
91-Pa-232
-37.11 To 1640. %



MAT 9134

(n,f) First Chance
Cross Section

91-Pa-232
-37.11 To 9912. %

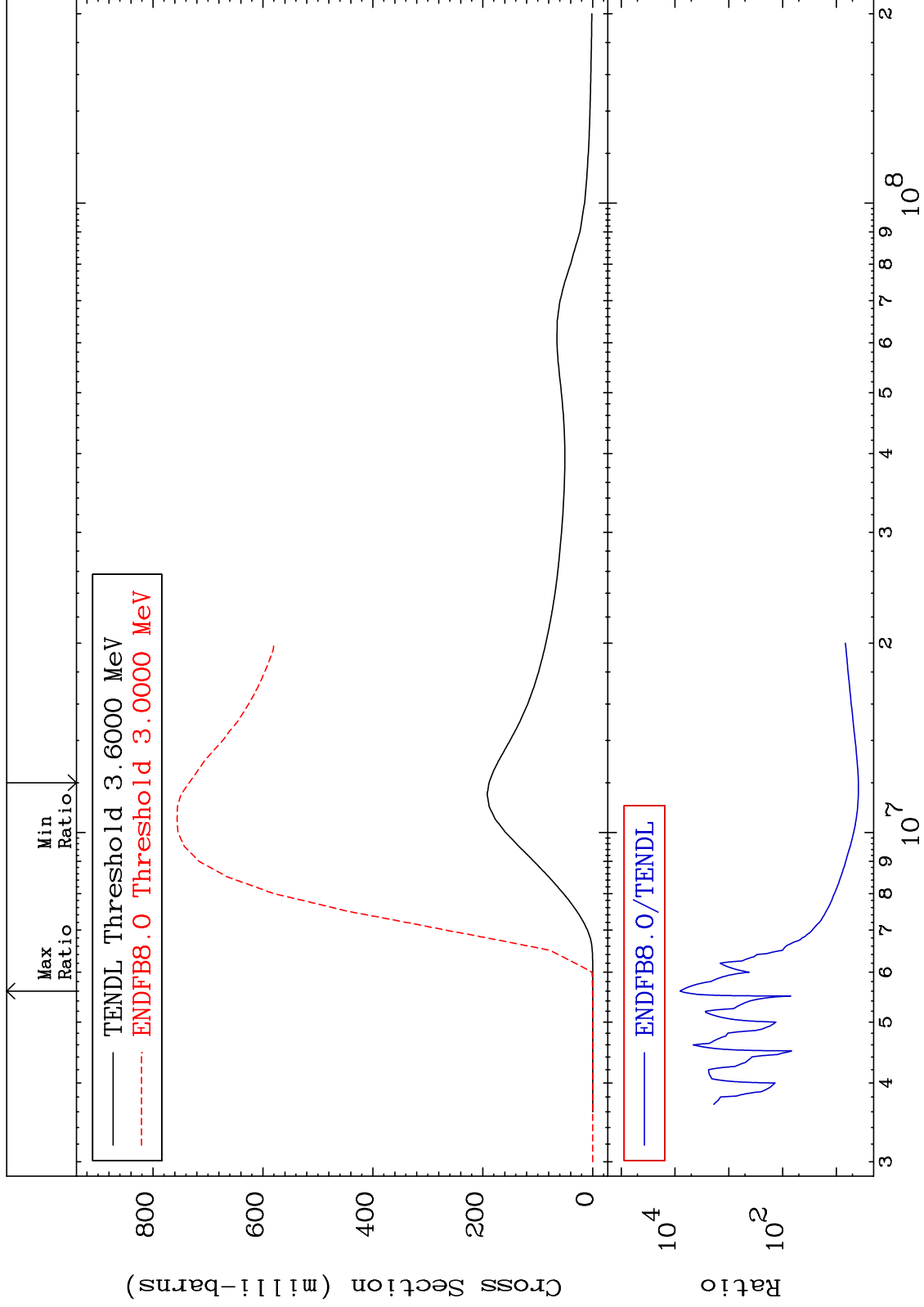


91-Pa-232

MAT 9134

(n, nf) Second Chance
Cross Section

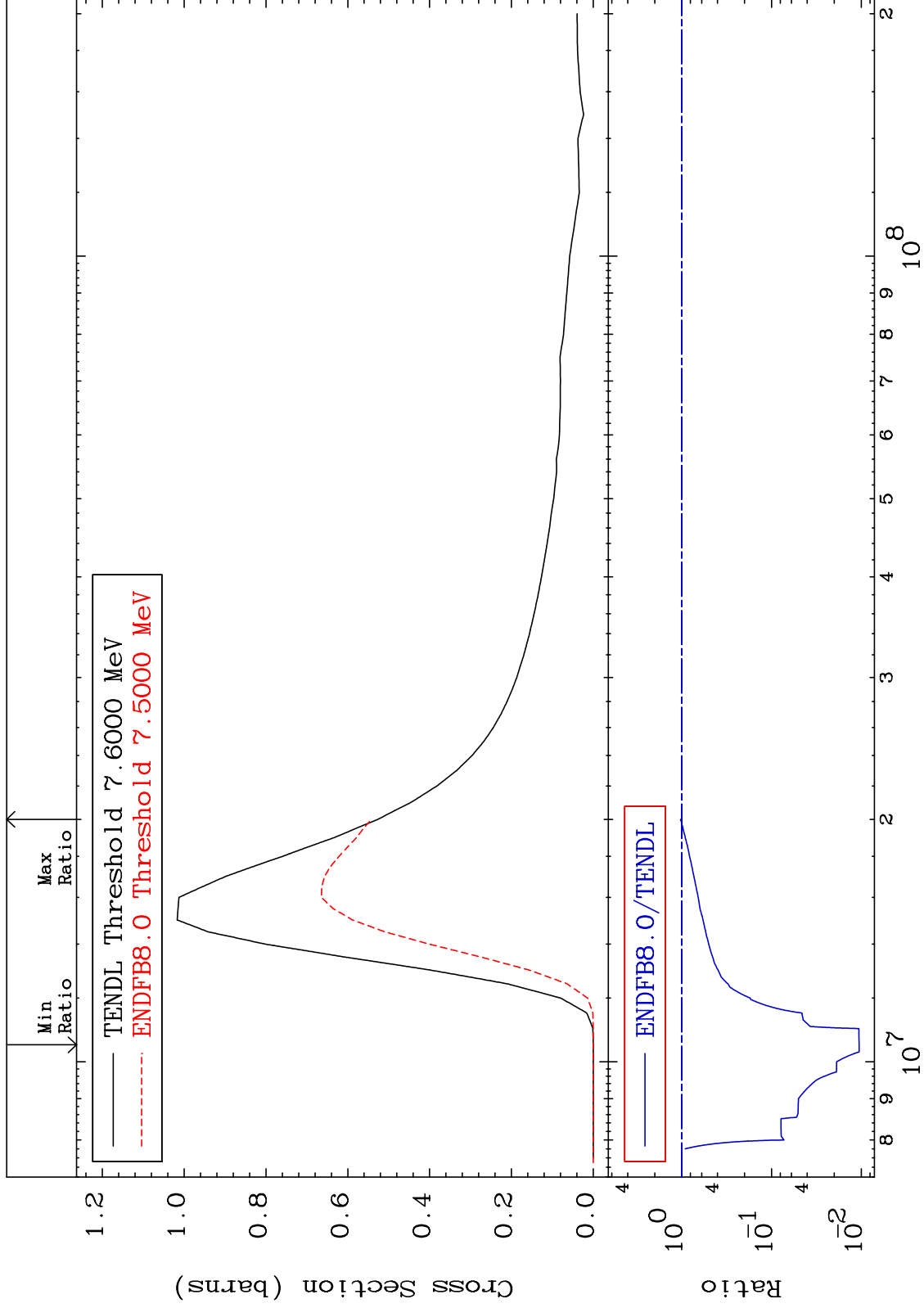
91-Pa-232
289.2 To 9999. %



MAT 9134

(n,2nf) Third Chance
Cross Section

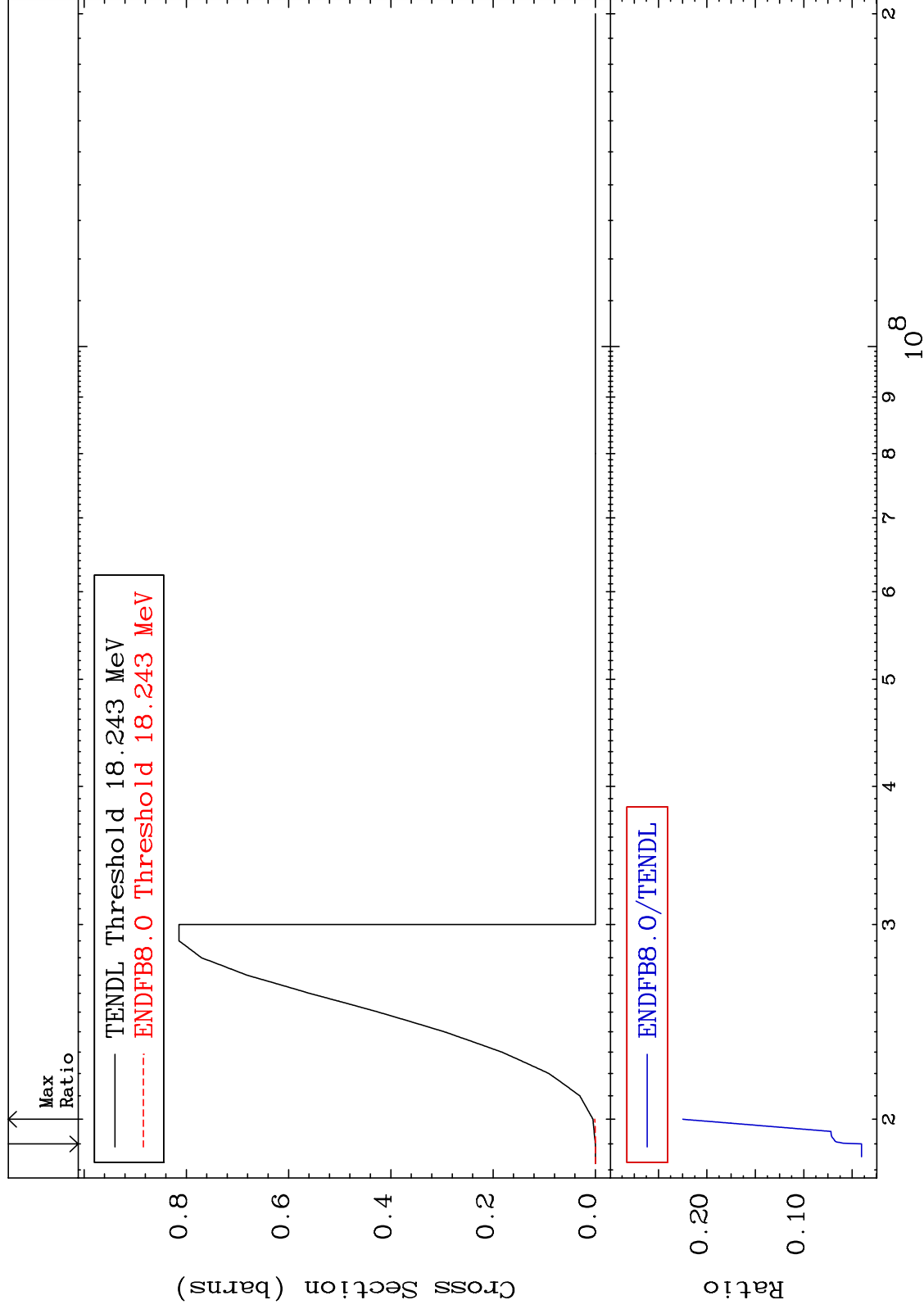
91-Pa-232
-98.94 To 2.921 %



MAT 9134

(n, 4n)
Cross Section

91-Pa-232
-95.97 To -77.52%



10

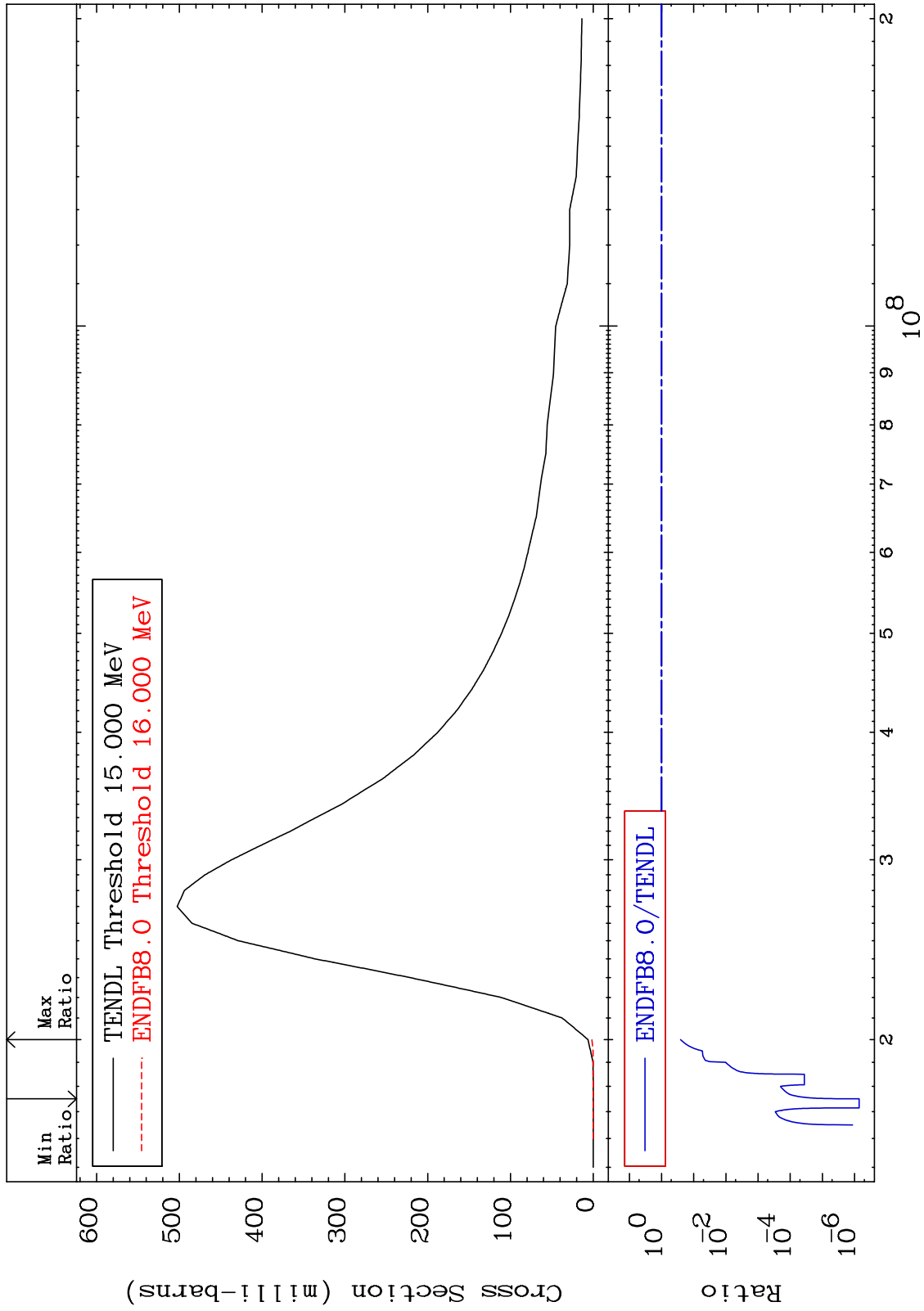
Incident Energy (eV)

91-Pa-232

MAT 9134

(n,3nf) Fourth Chance
Cross Section

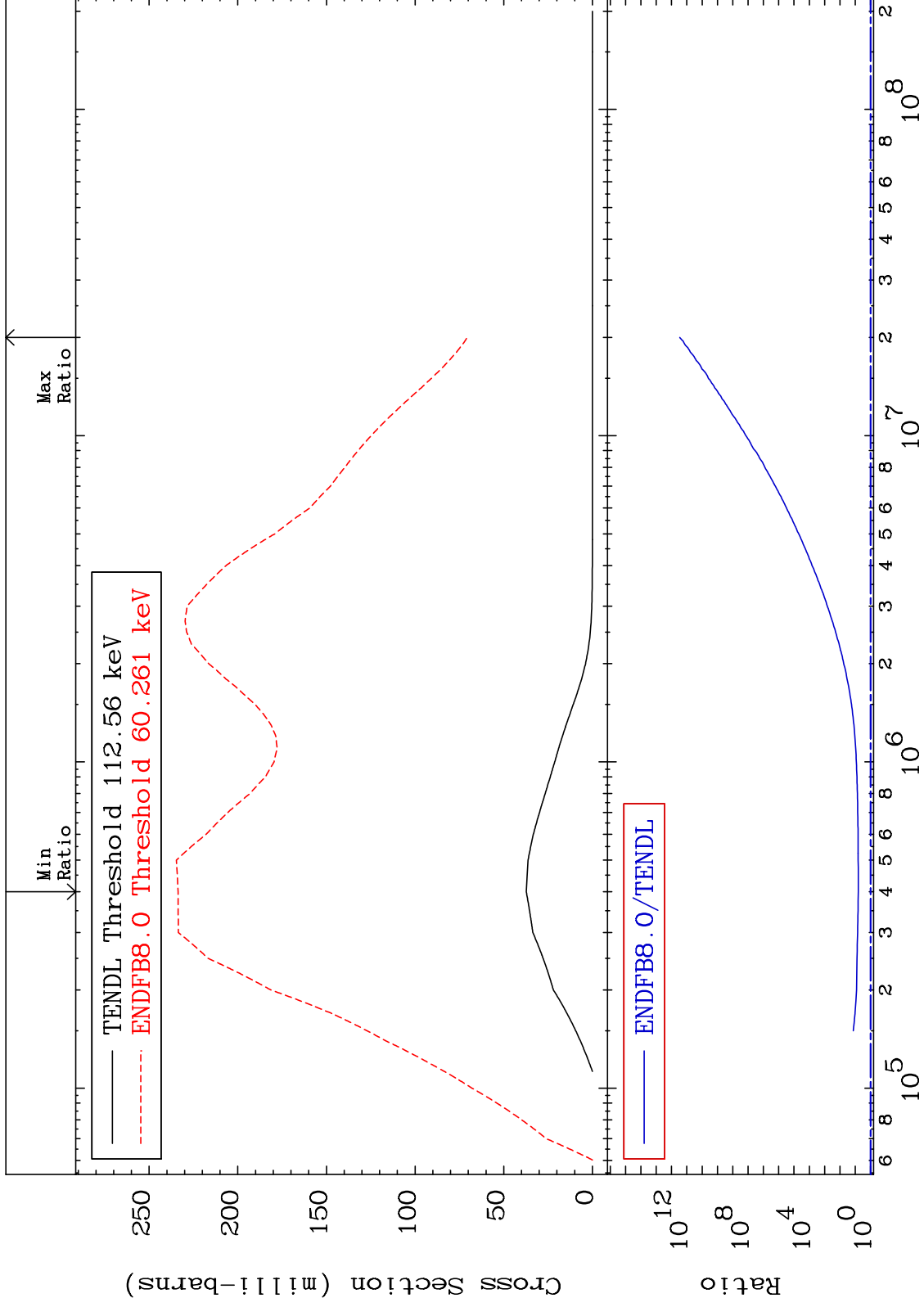
91-Pa-232
-100.0 To -74.46%



MAT 9134

MT= 51 (n,n') Level
Cross Section

91-Pa-232
526.7 To 9999. %



12

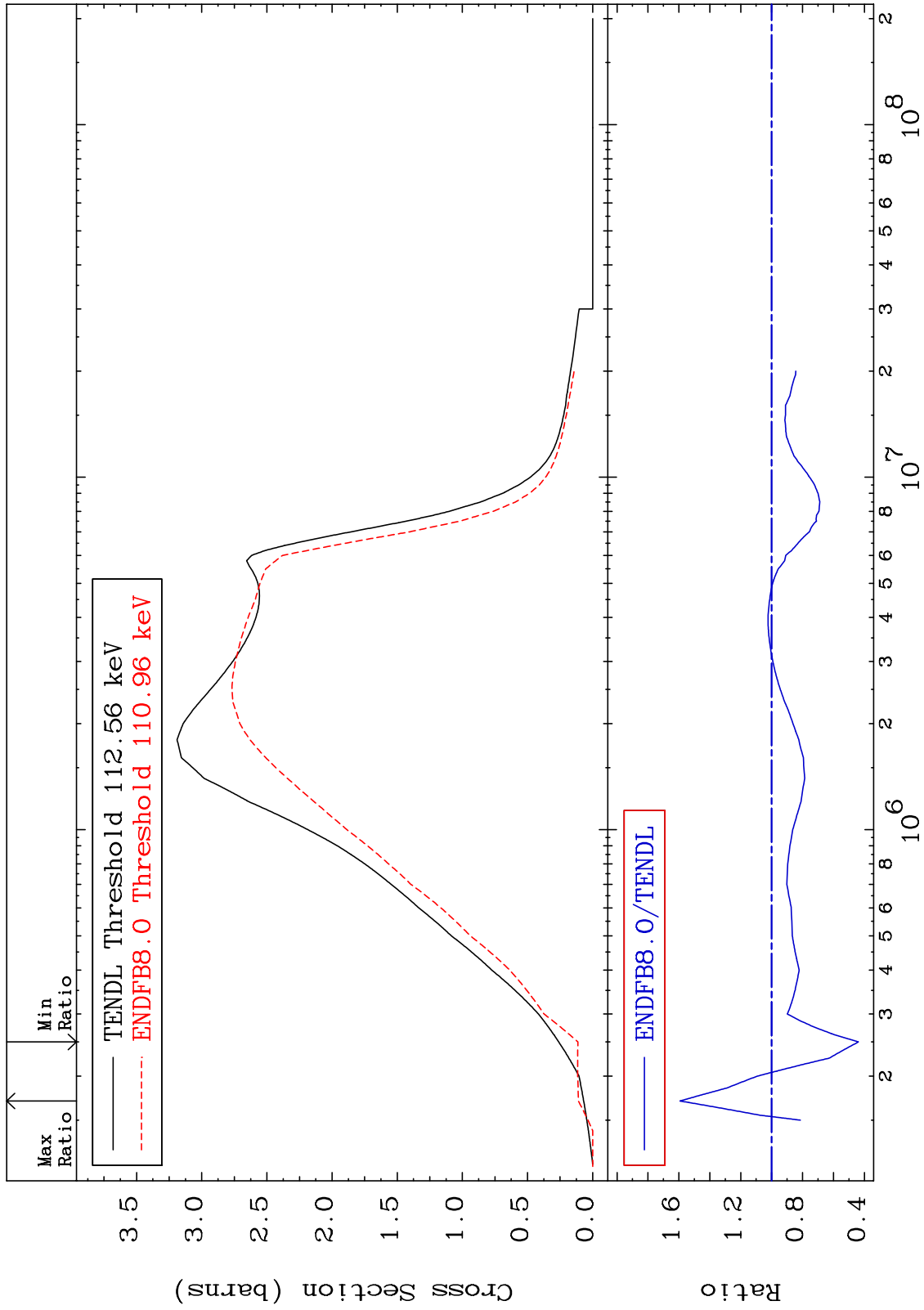
Incident Energy (eV)

91-Pa-232

MAT 9134

(n, n') Continuum
Cross Section

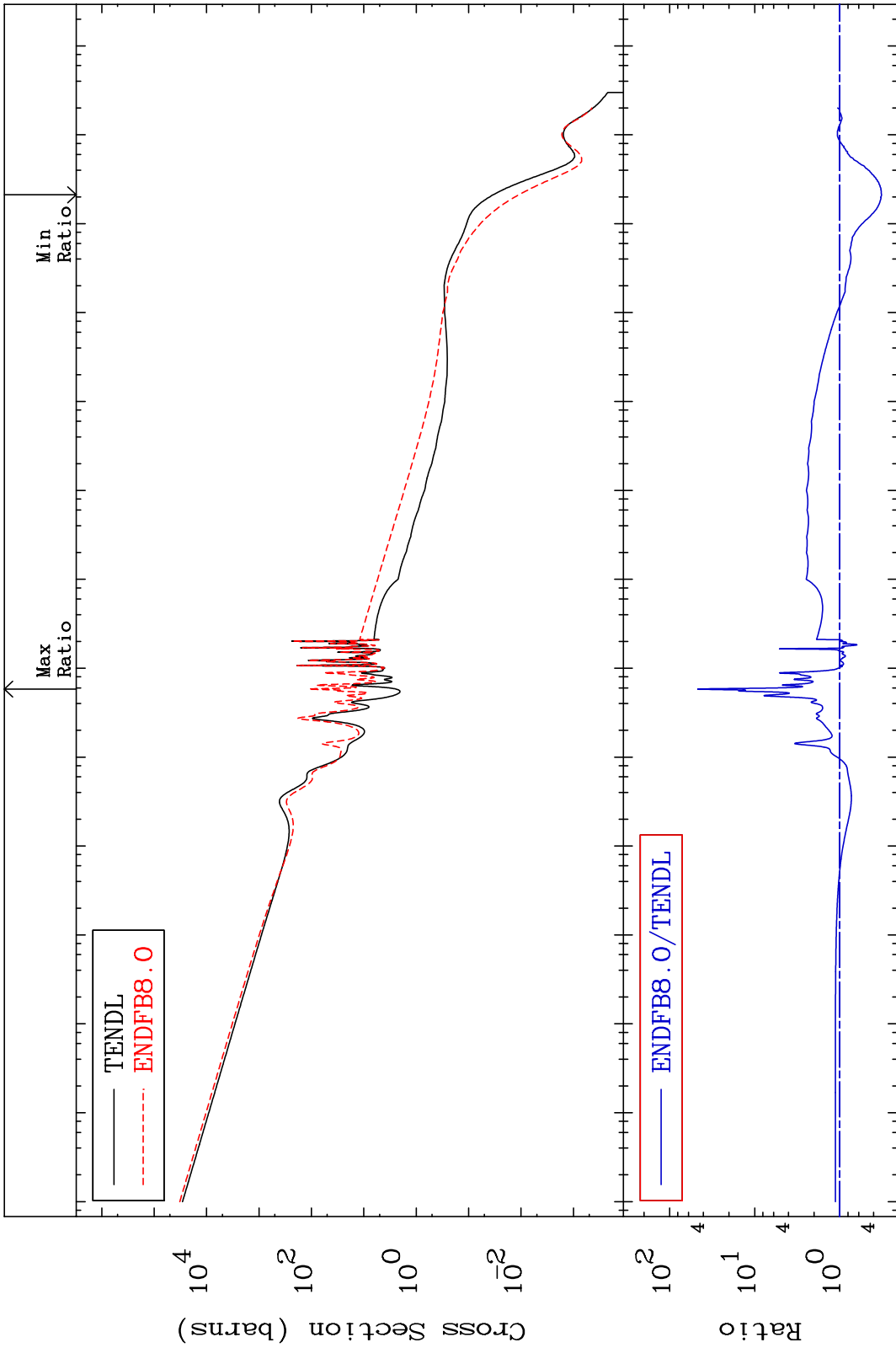
91-Pa-232
-56.13 To 59.26 %



MAT 9134

91-Pa-232

(n, γ)
Cross Section
-67.66 To 4560. %



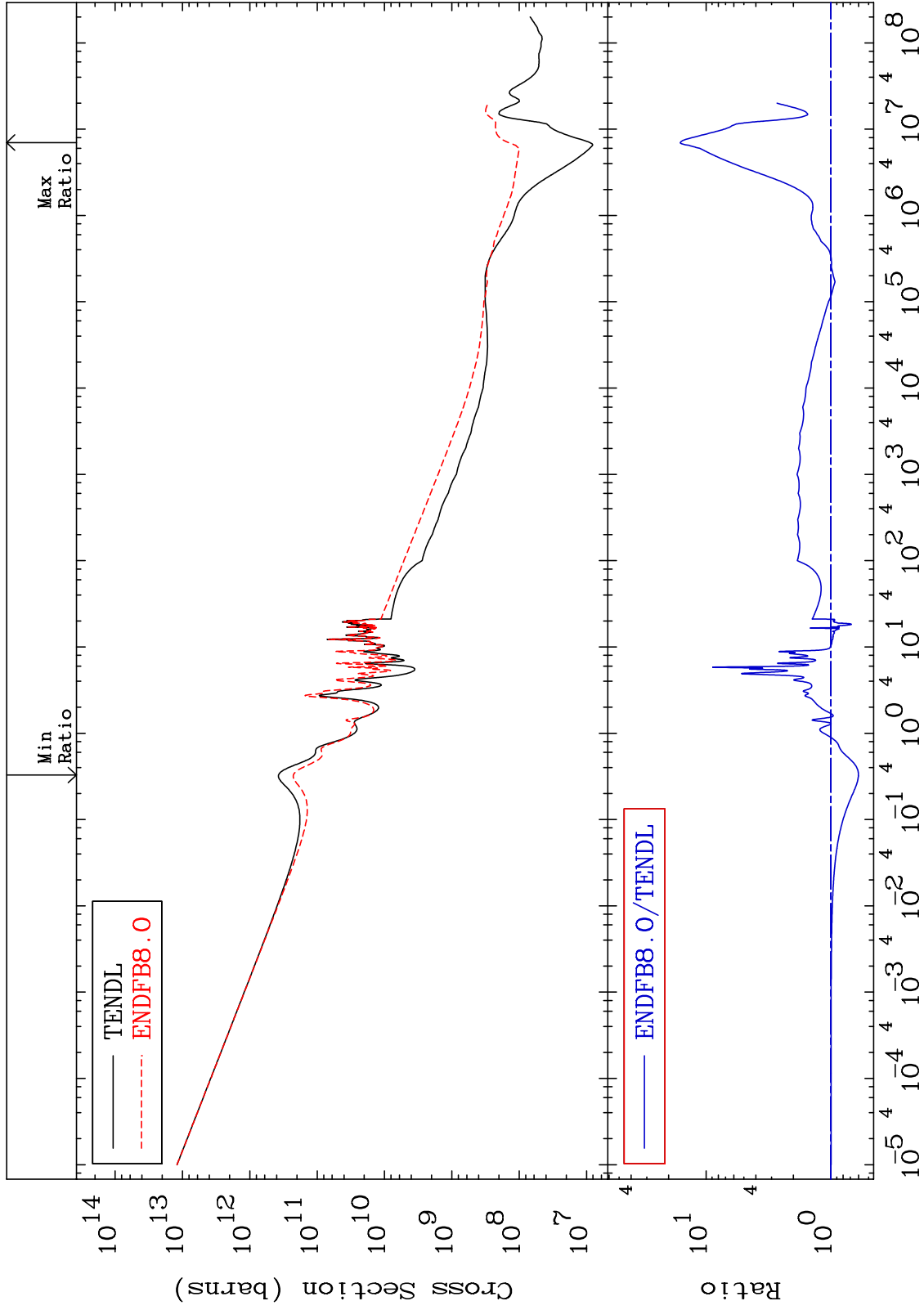
91-Pa-232

Incident Energy (eV)

MAT 9134

Kerma total (eV-barns)
Cross Section

91-Pa-232
-39.73 To 1522. %



15

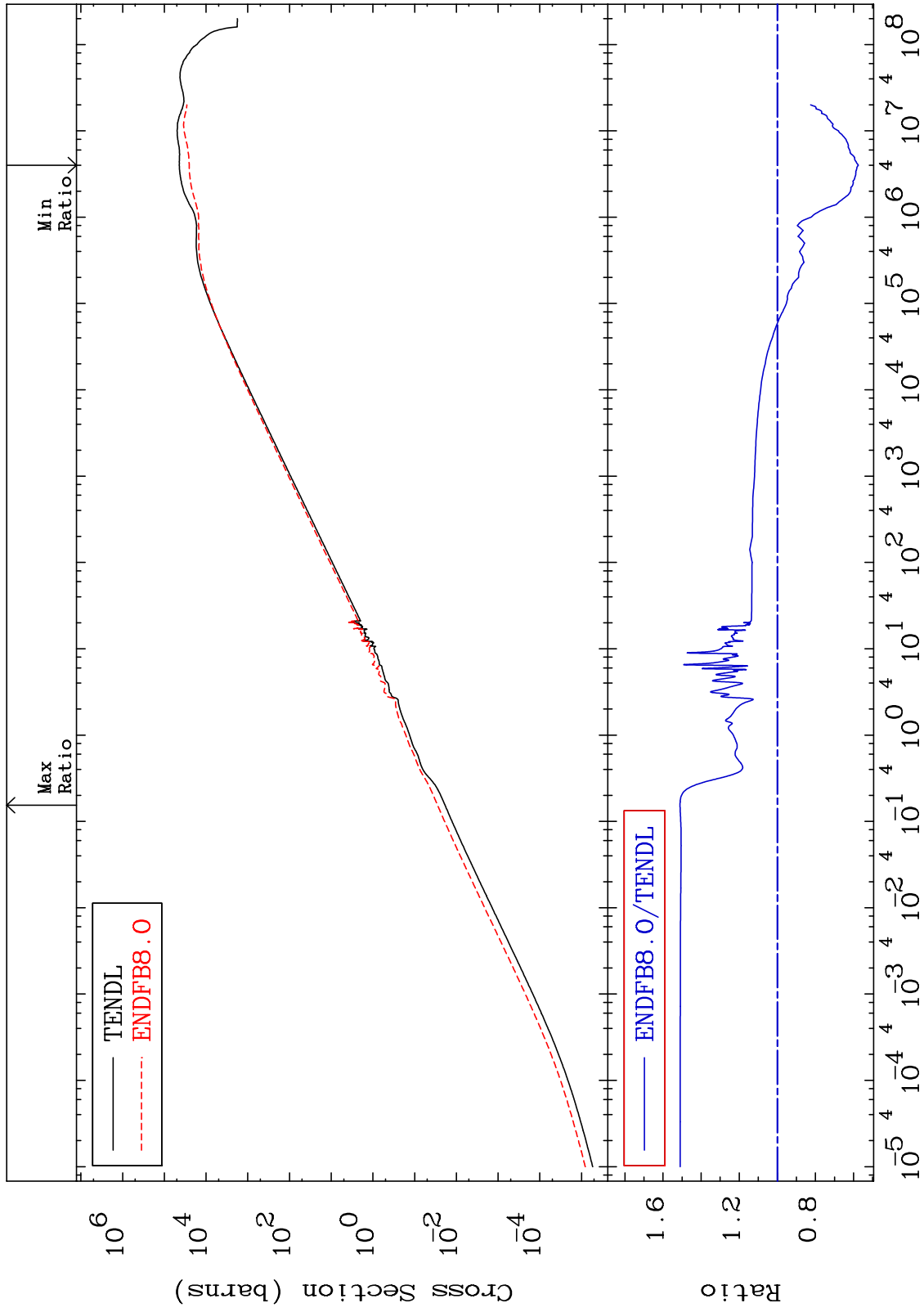
Incident Energy (eV)

91-Pa-232

MAT 9134

Kerma elastic
Cross Section

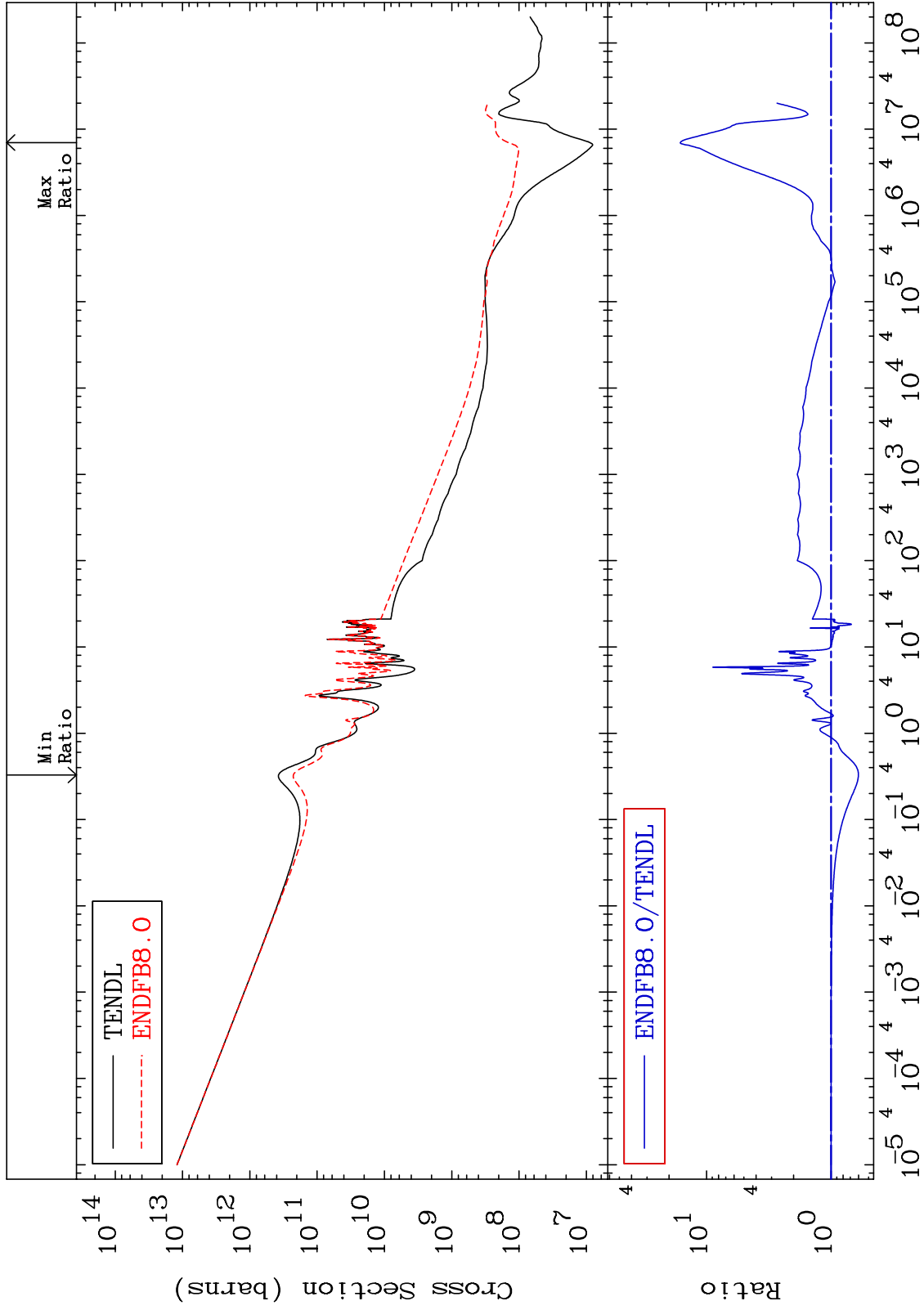
91-Pa-232
-42.54 To 51.07 %



MAT 9134

Kerma non-elastic (all but mt2)
Cross Section

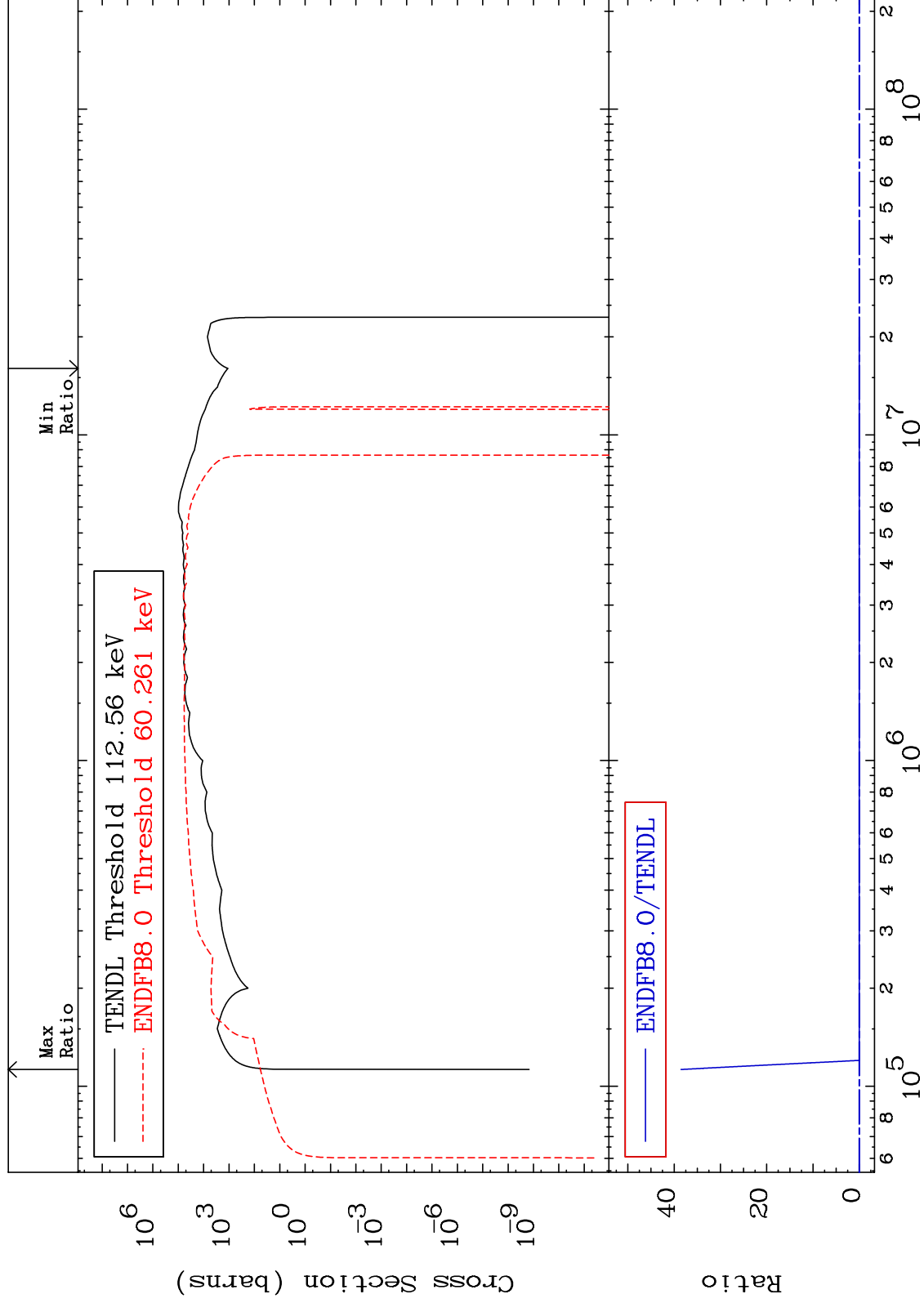
91-Pa-232
-39.73 To 1530. %



MAT 9134

Kerma inelastic (mt51-91)
Cross Section

91-Pa-232
-554.4 To 9999. %



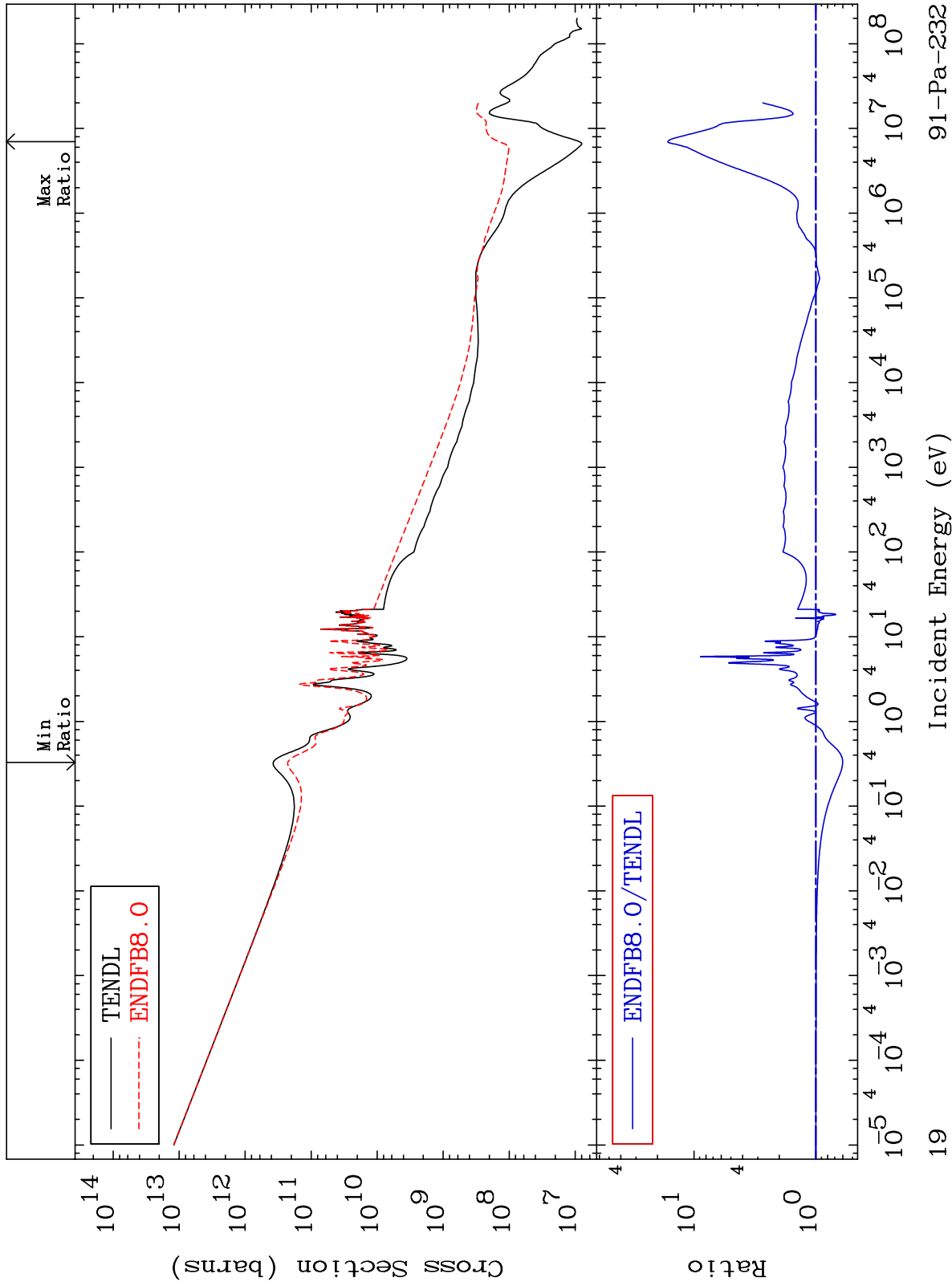
18

91-Pa-232

MAT 9134

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

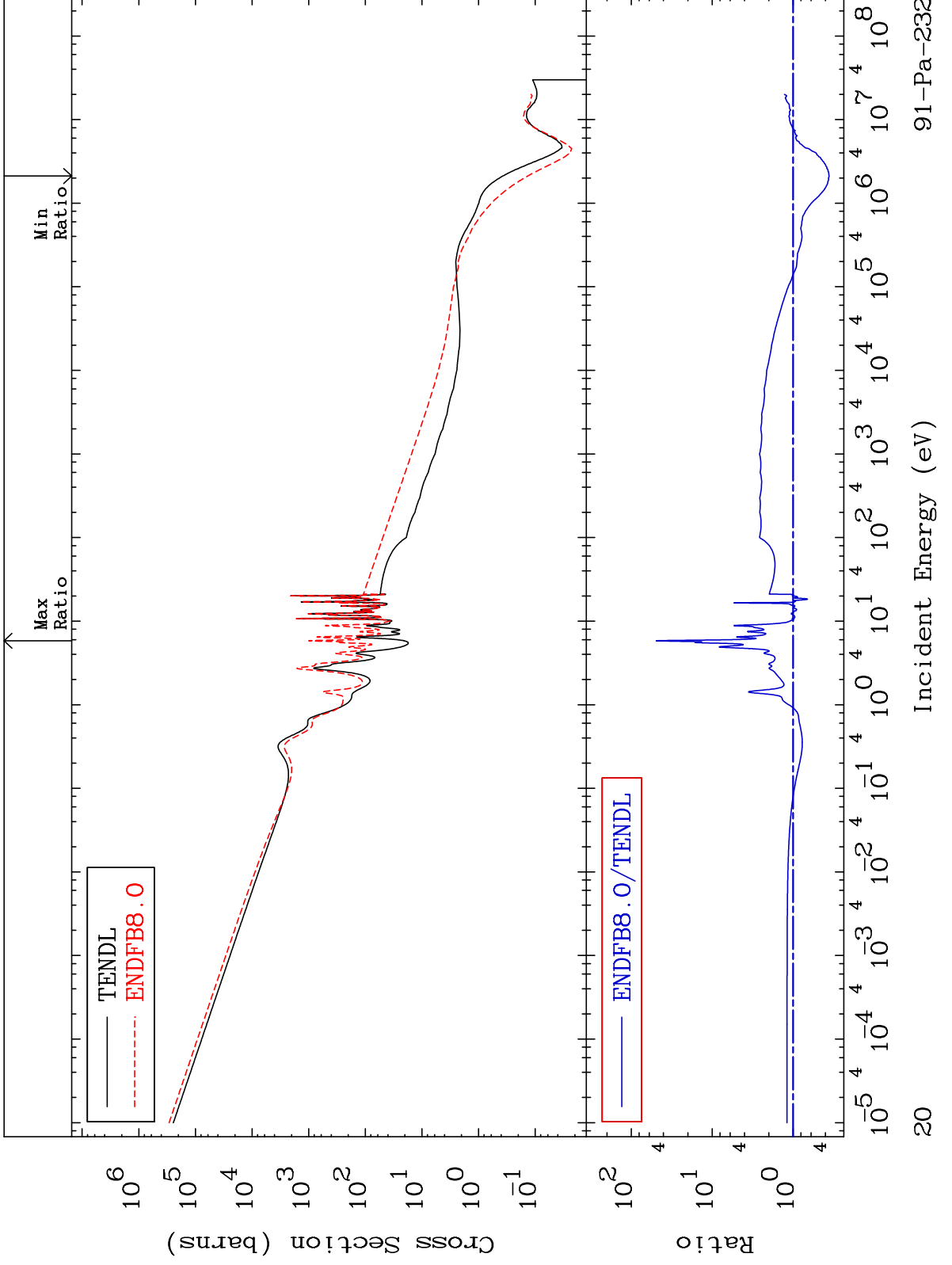
91-Pa-232
-39.73 To 1553. %



MAT 9134

Kerma capture (mt102)
Cross Section

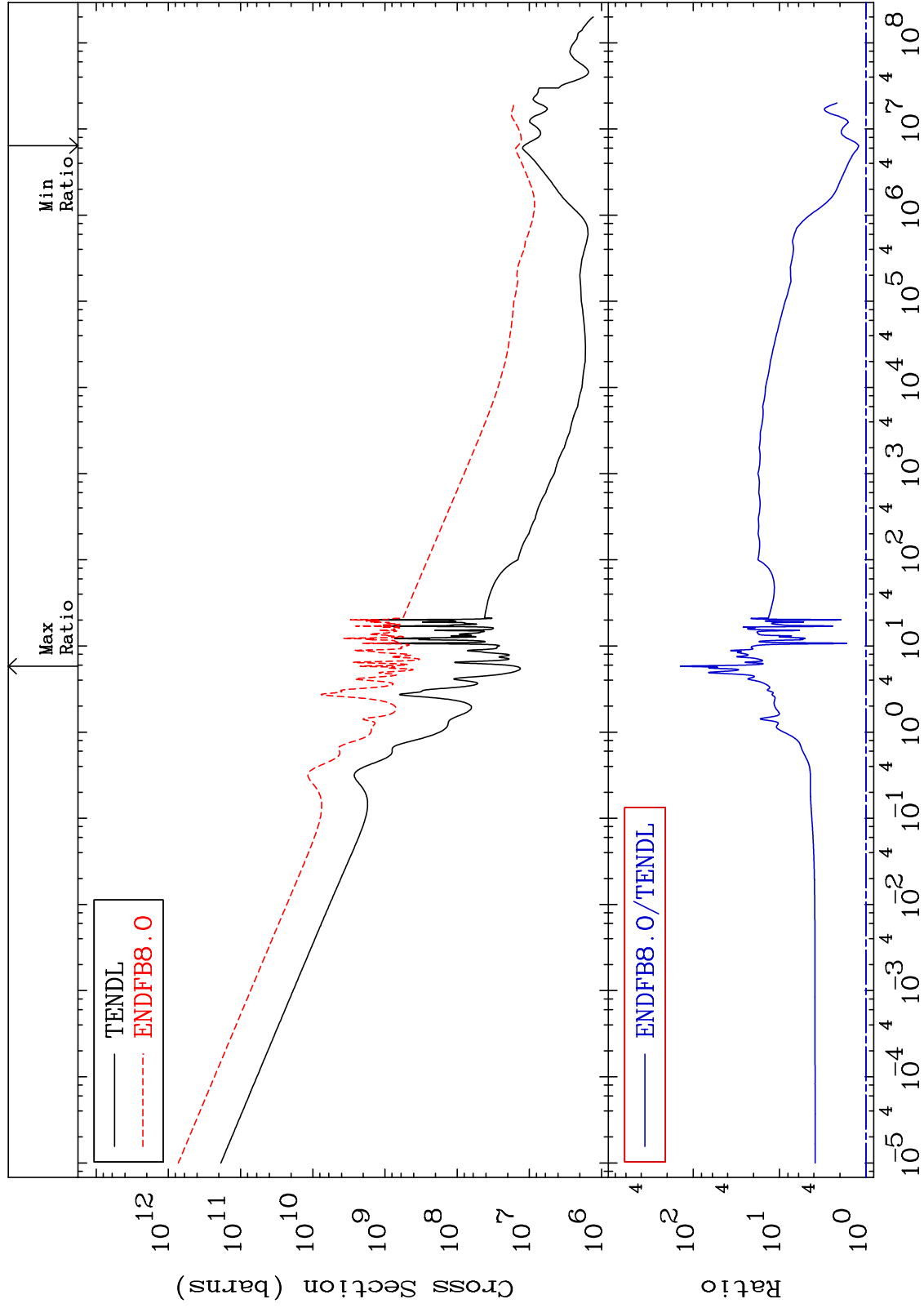
91-Pa-232
-64.04 To 4813. %



MAT 9134

Total photon (eV-barns)
Cross Section

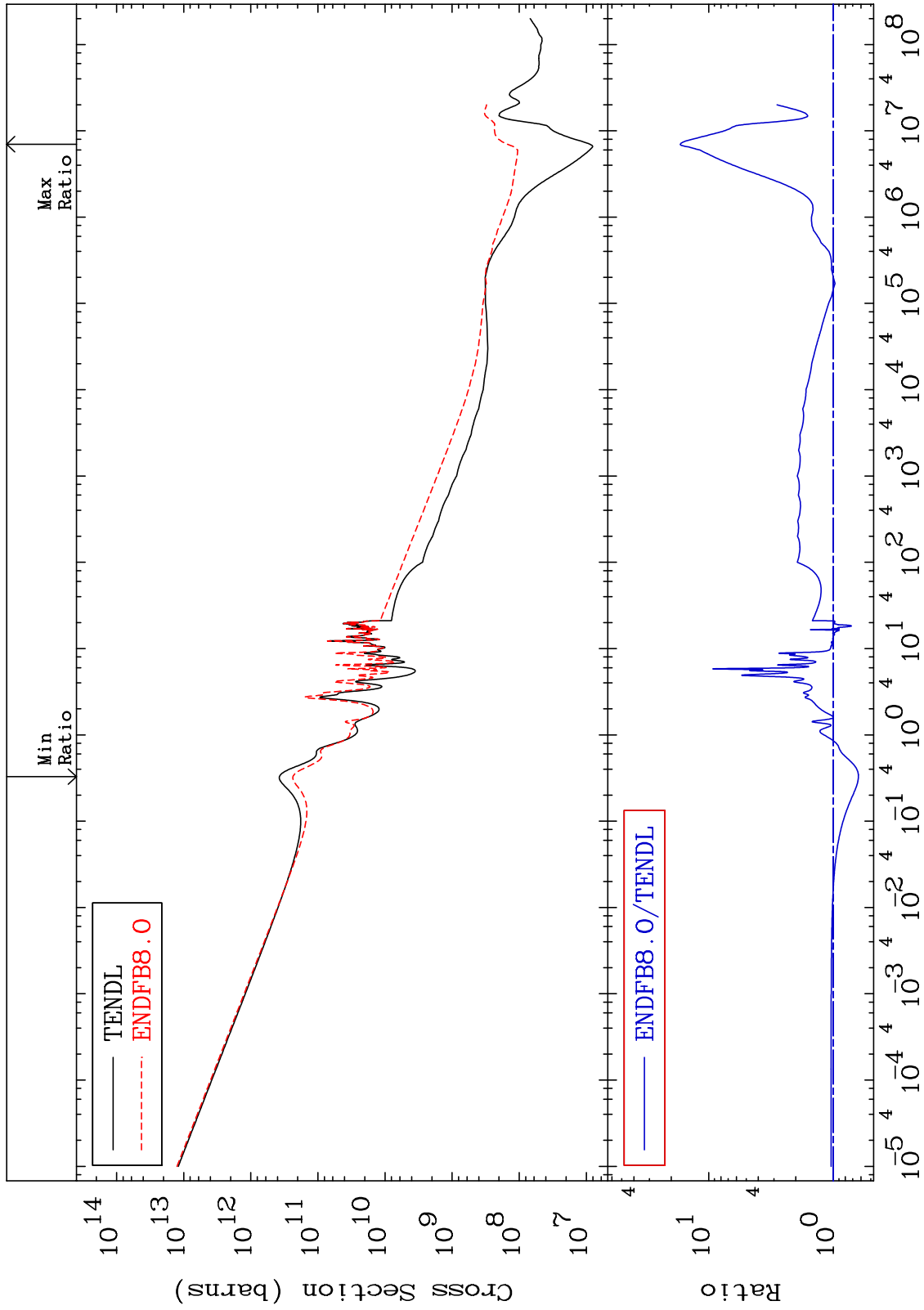
91-Pa-232
21.62 To 9999. %



MAT 9134

Total kinematic kerma (high limit)
Cross Section

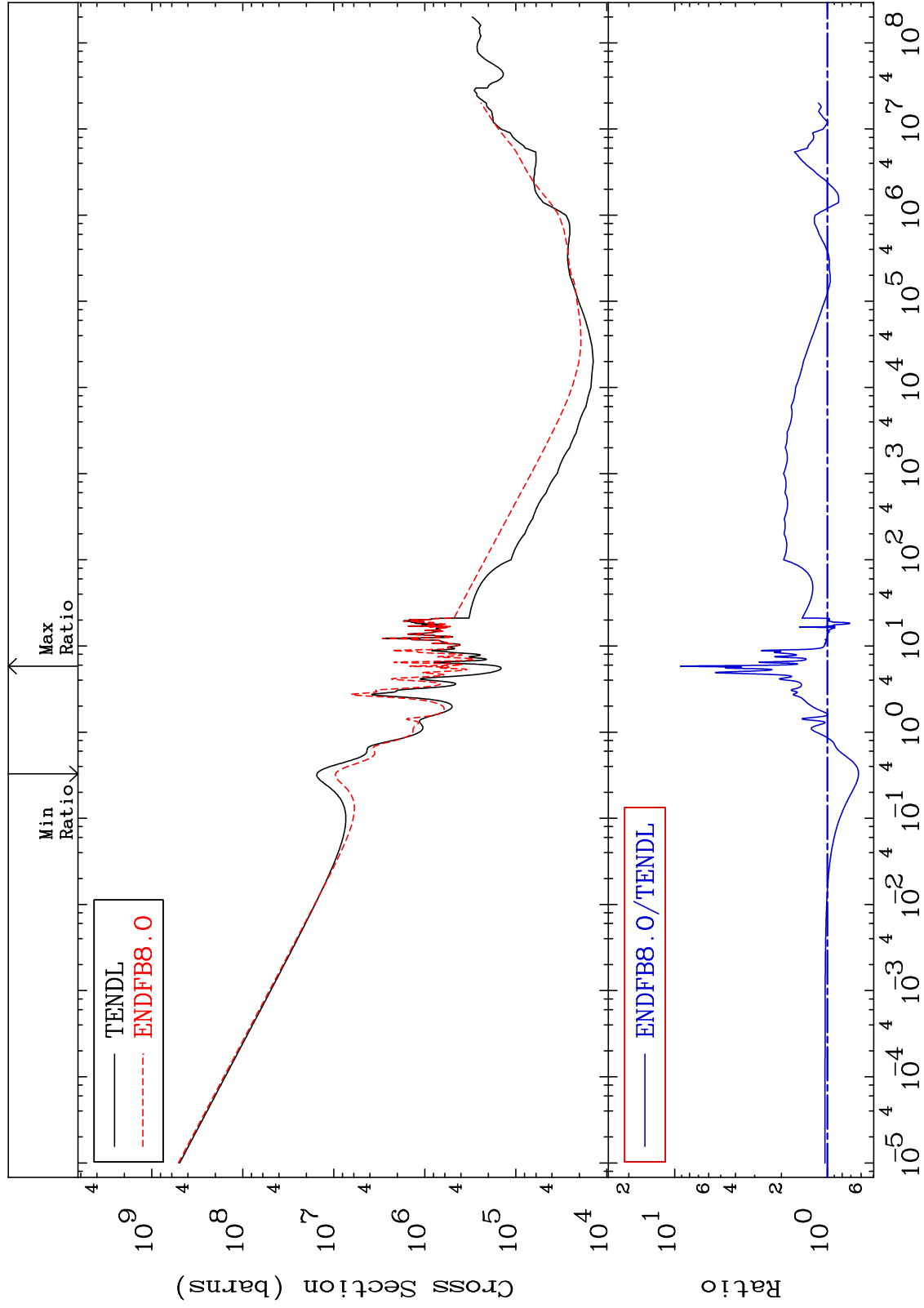
91-Pa-232
-37.14 To 1603. %



MAT 9134

Dpa total (eV-barns)
Cross Section

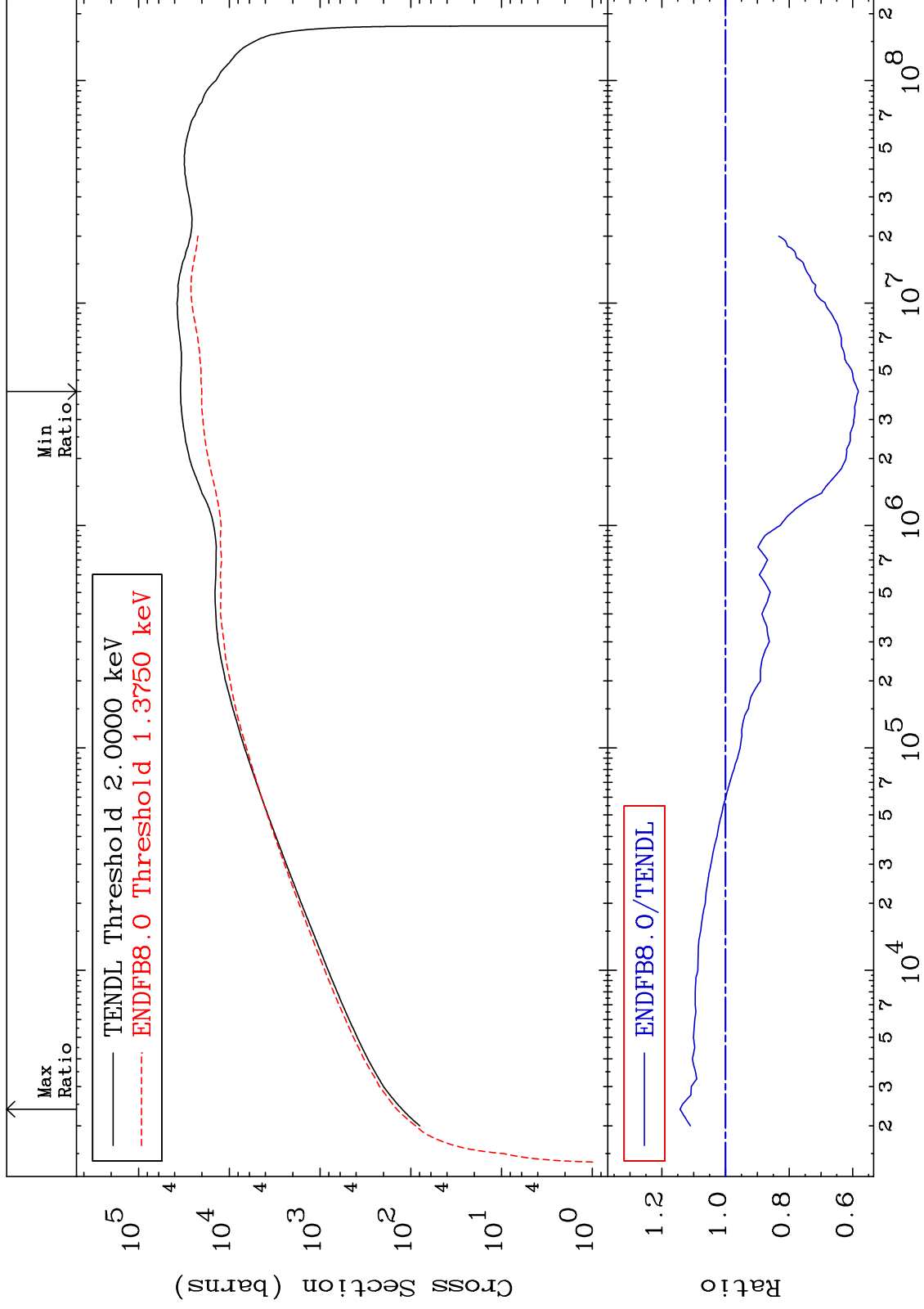
91-Pa-232
-37.57 To 817.5 %



MAT 9134

Dpa elastic (mt2)
Cross Section

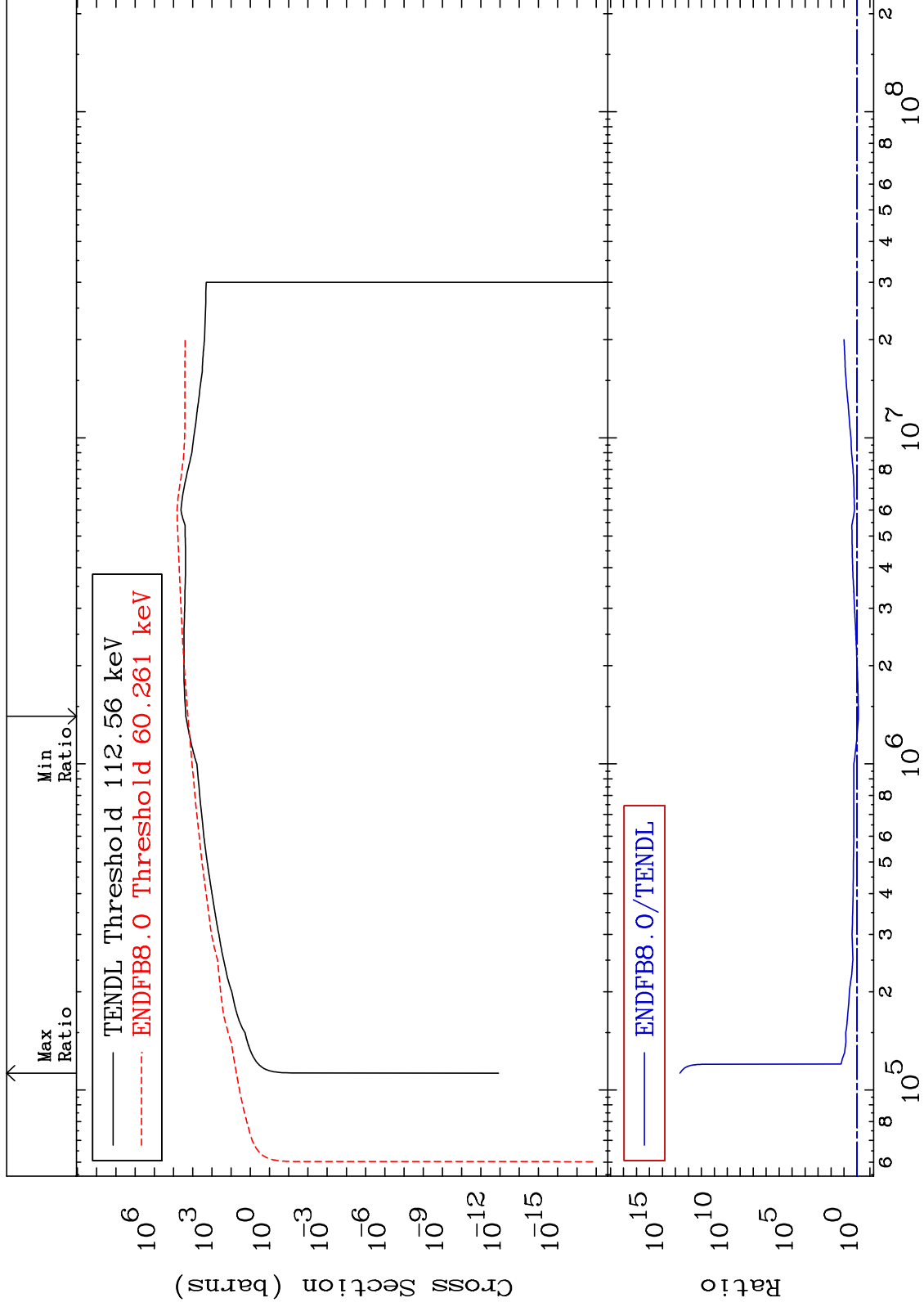
91-Pa-232
-41.77 To 14.30 %



MAT 9134

Dpa inelastic (mt51-91)
Cross Section

91-Pa-232
-22.44 To 9999. %



MAT 9134

Dpa disappearance (mt102 -120)
Cross Section

91-Pa-232
-100.0 To 4864. %

