

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

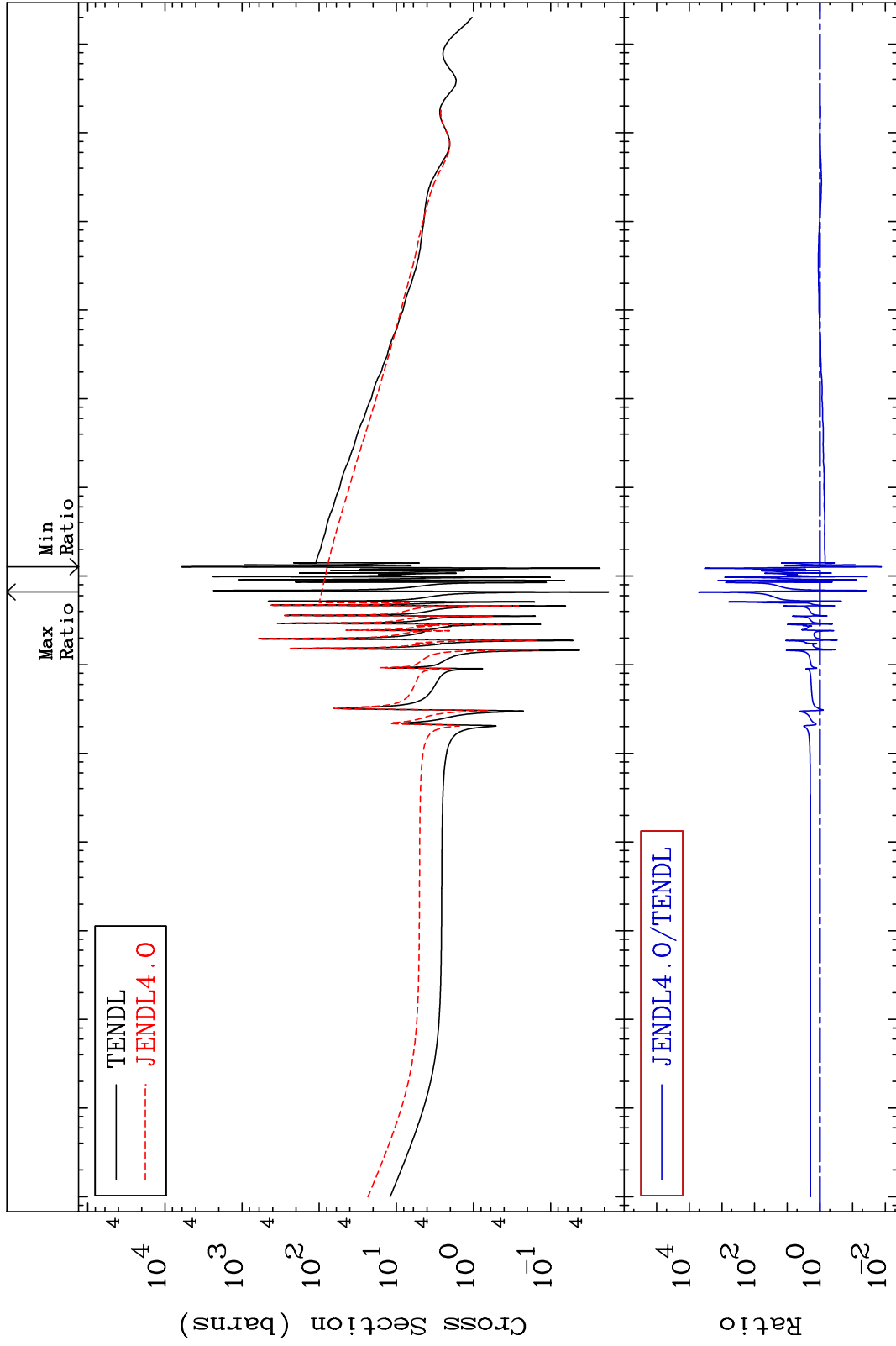
MAT 6625

Elastic

66-Dy-156

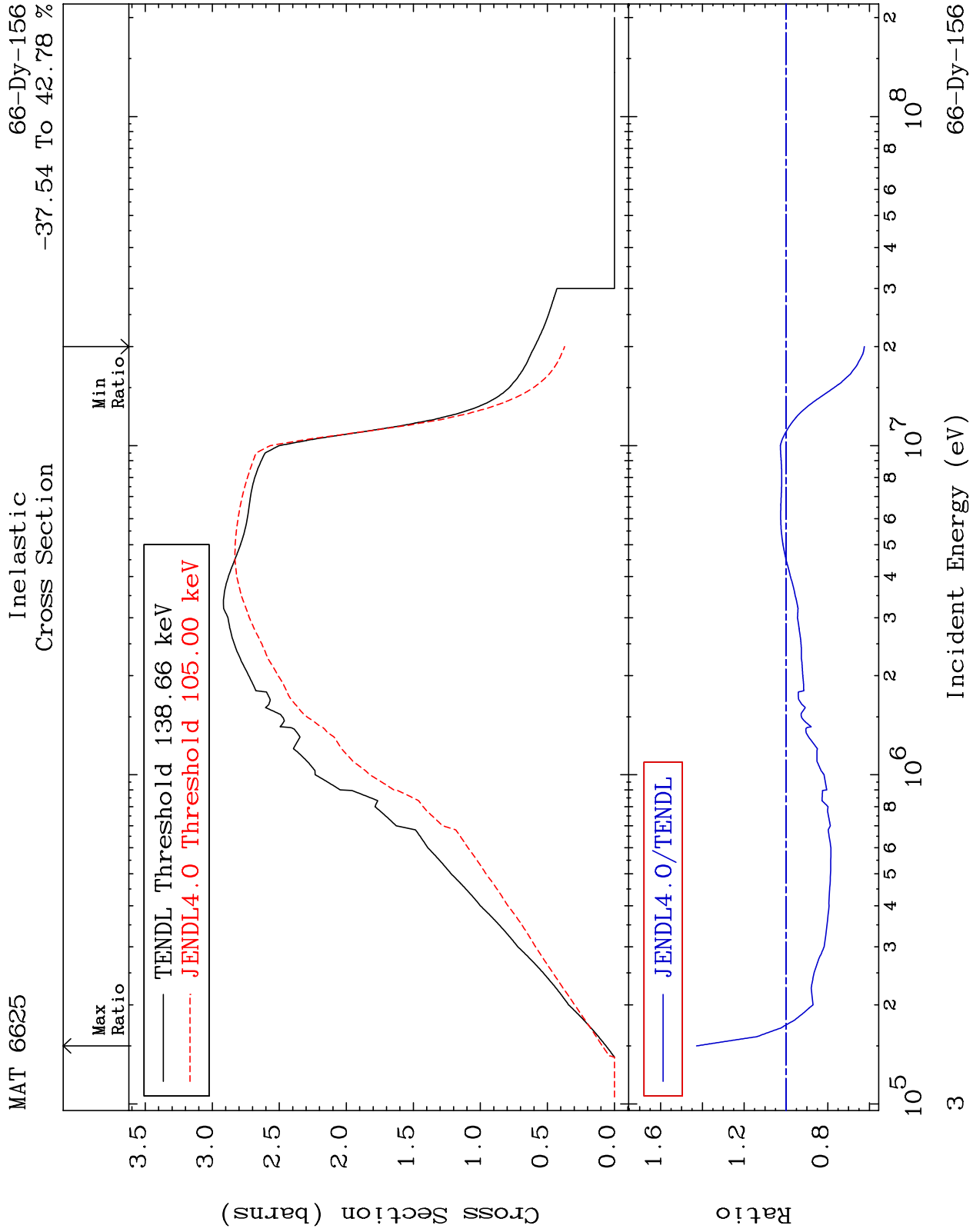
Cross Section

-98.70 To 9999. %



Incident Energy (eV)

66-Dy-156



MAT 6625

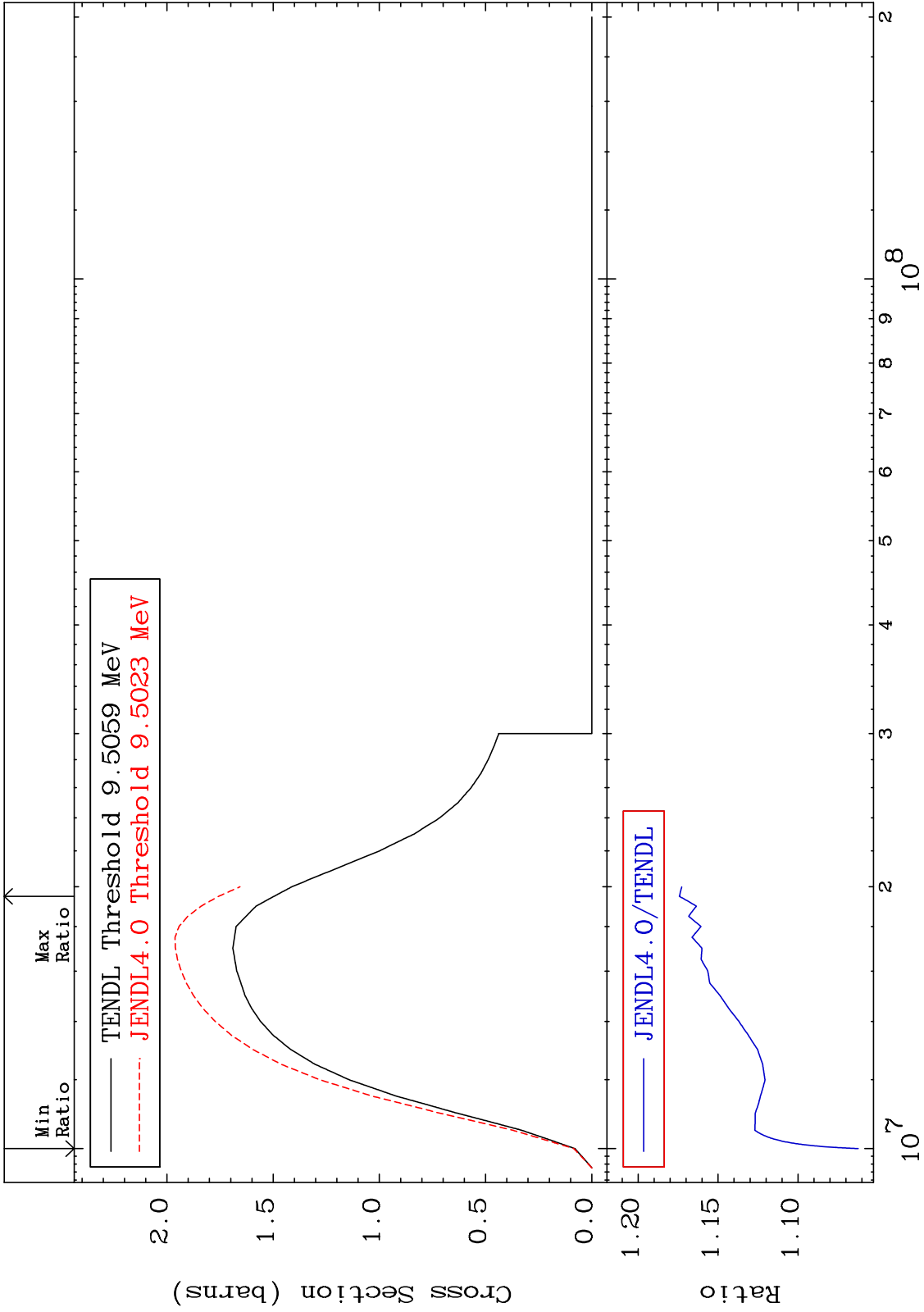
(n,2n)

66-Dy-156

Cross Section

6.230

To 17.42 %



66-Dy-156

Incident Energy (eV)

4

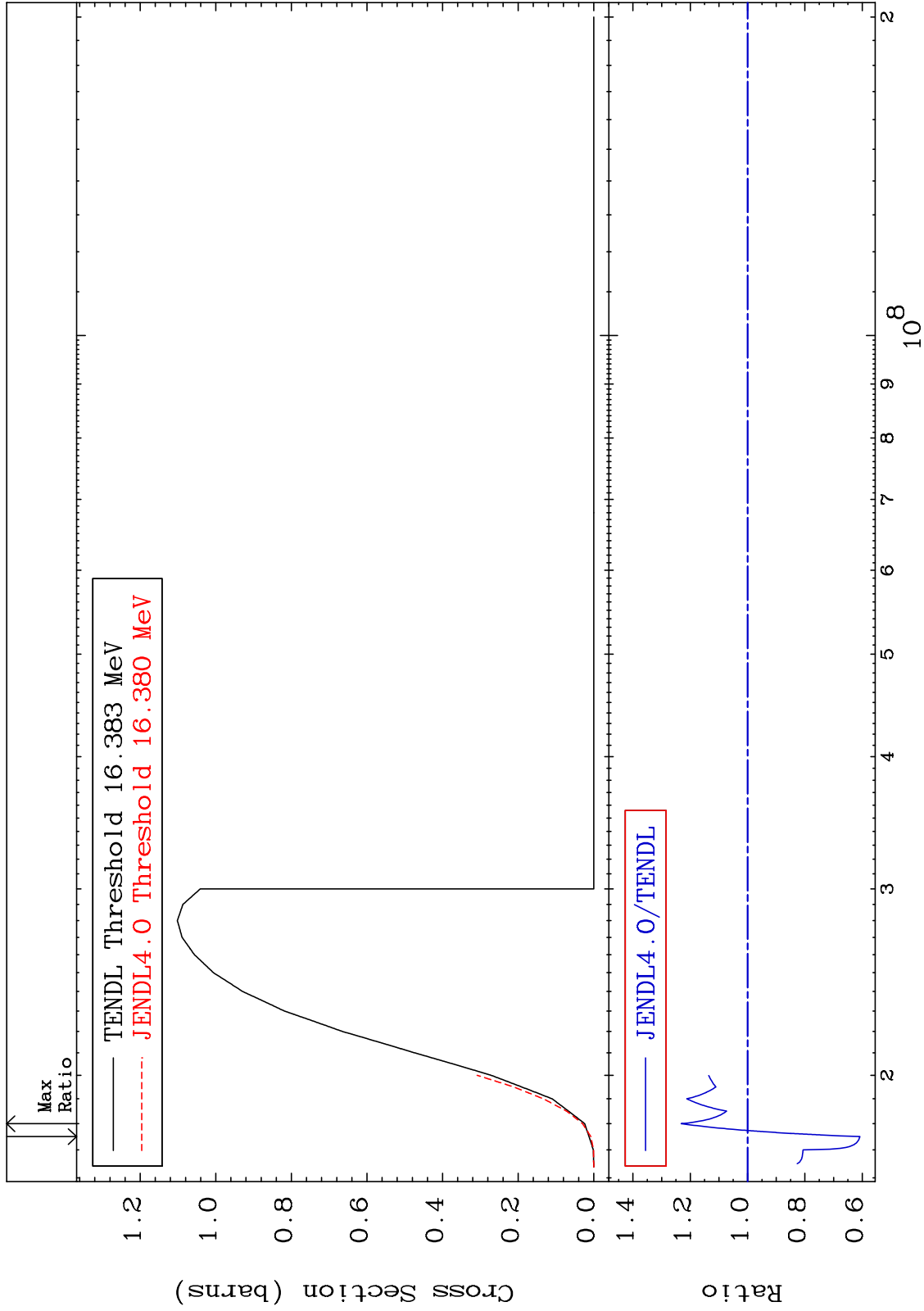
MAT 6625

(n, 3n)

66-Dy-156

Cross Section

-39.20 To 23.16 %



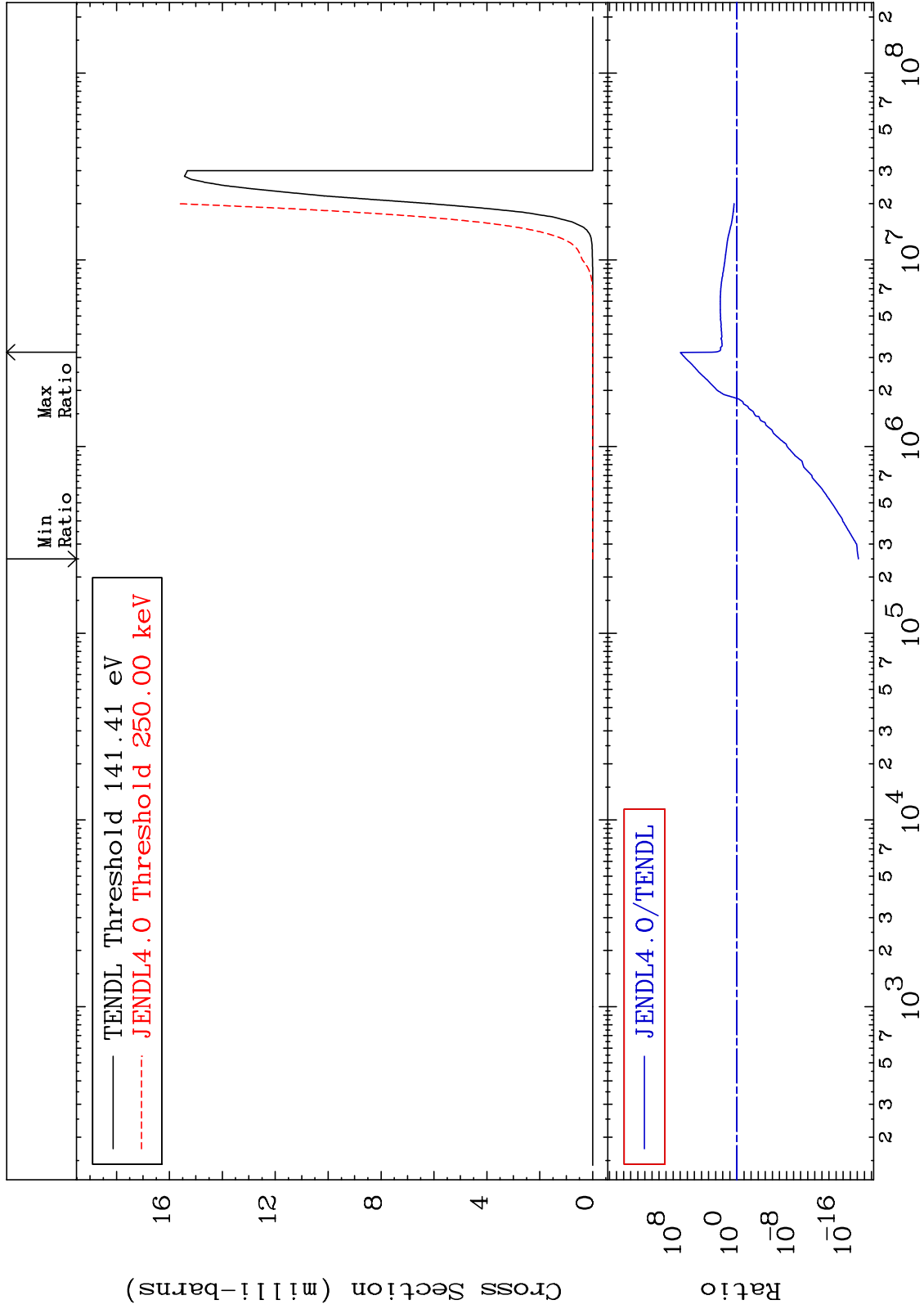
MAT 6625

(n, n') α

66-Dy-156

Cross Section

-100.0 To 9999. %



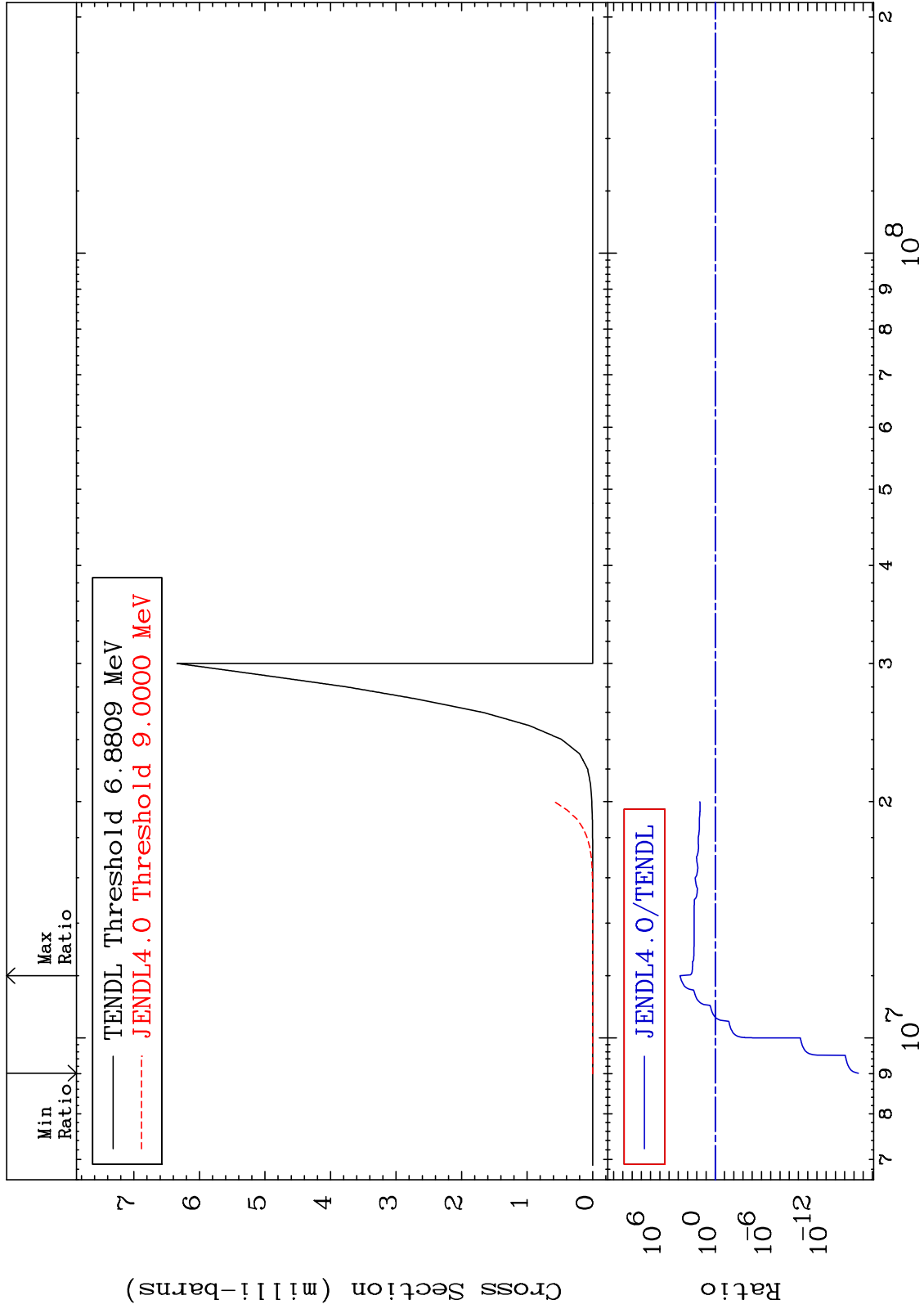
MAT 6625

(n,2n) α

66-Dy-156

Cross Section

-100.0 To 9999. %



7

Incident Energy (eV)

66-Dy-156

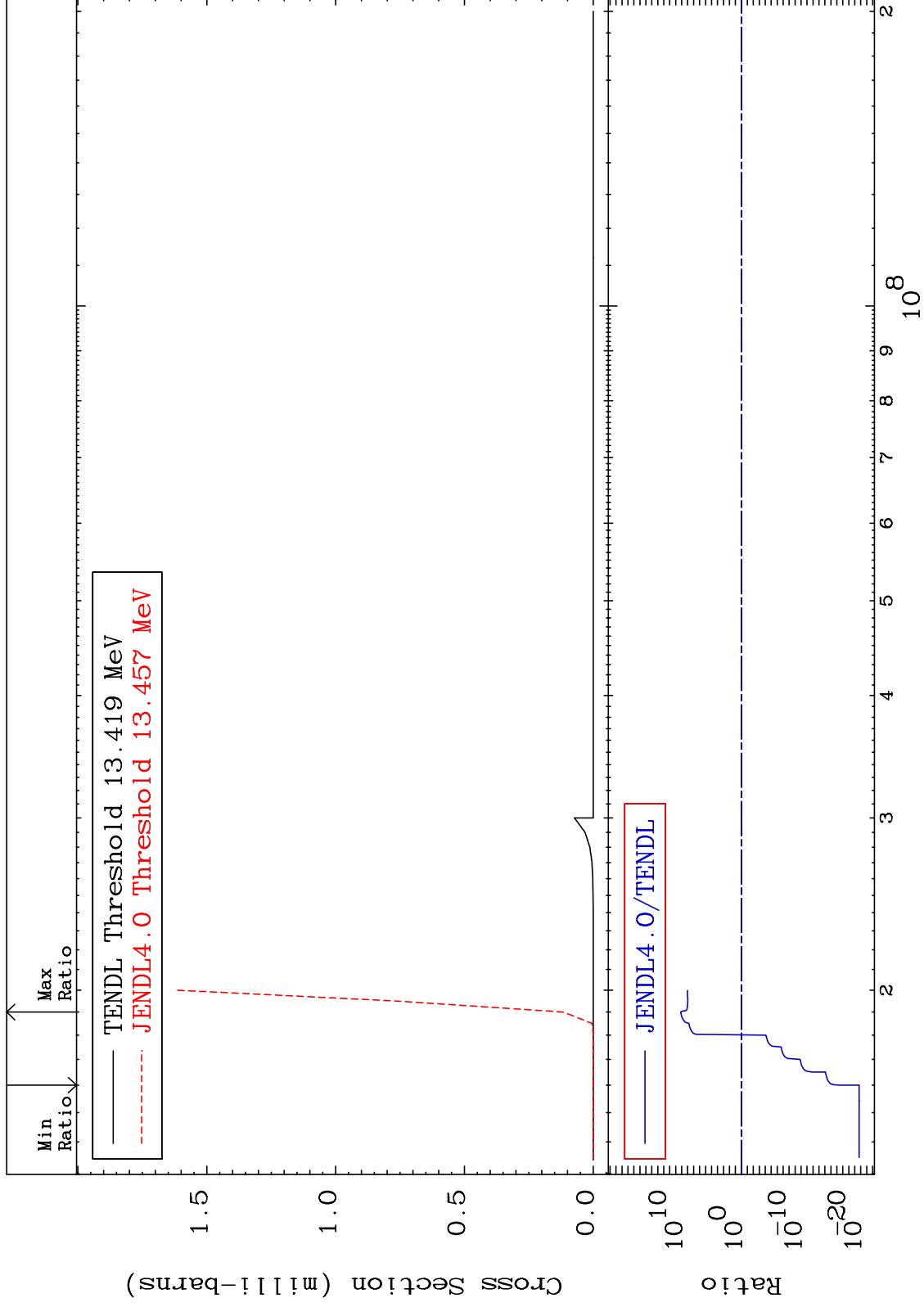
MAT 6625

(n,3n) α

66-Dy-156

Cross Section

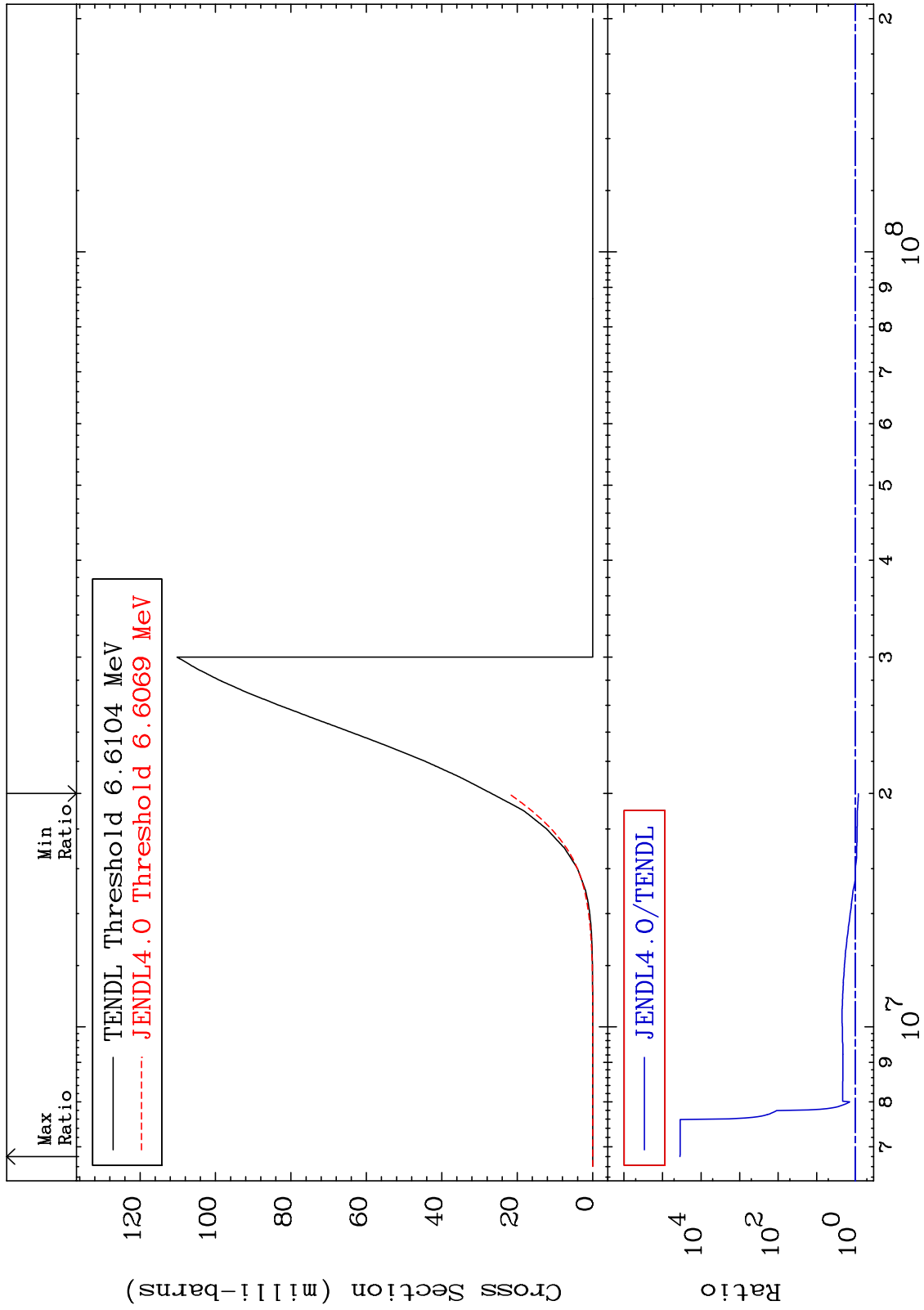
-100.0 To 9999. %



MAT 6625

(n,n') p
Cross Section

66-Dy-156
-17.17 To 9999. %



9

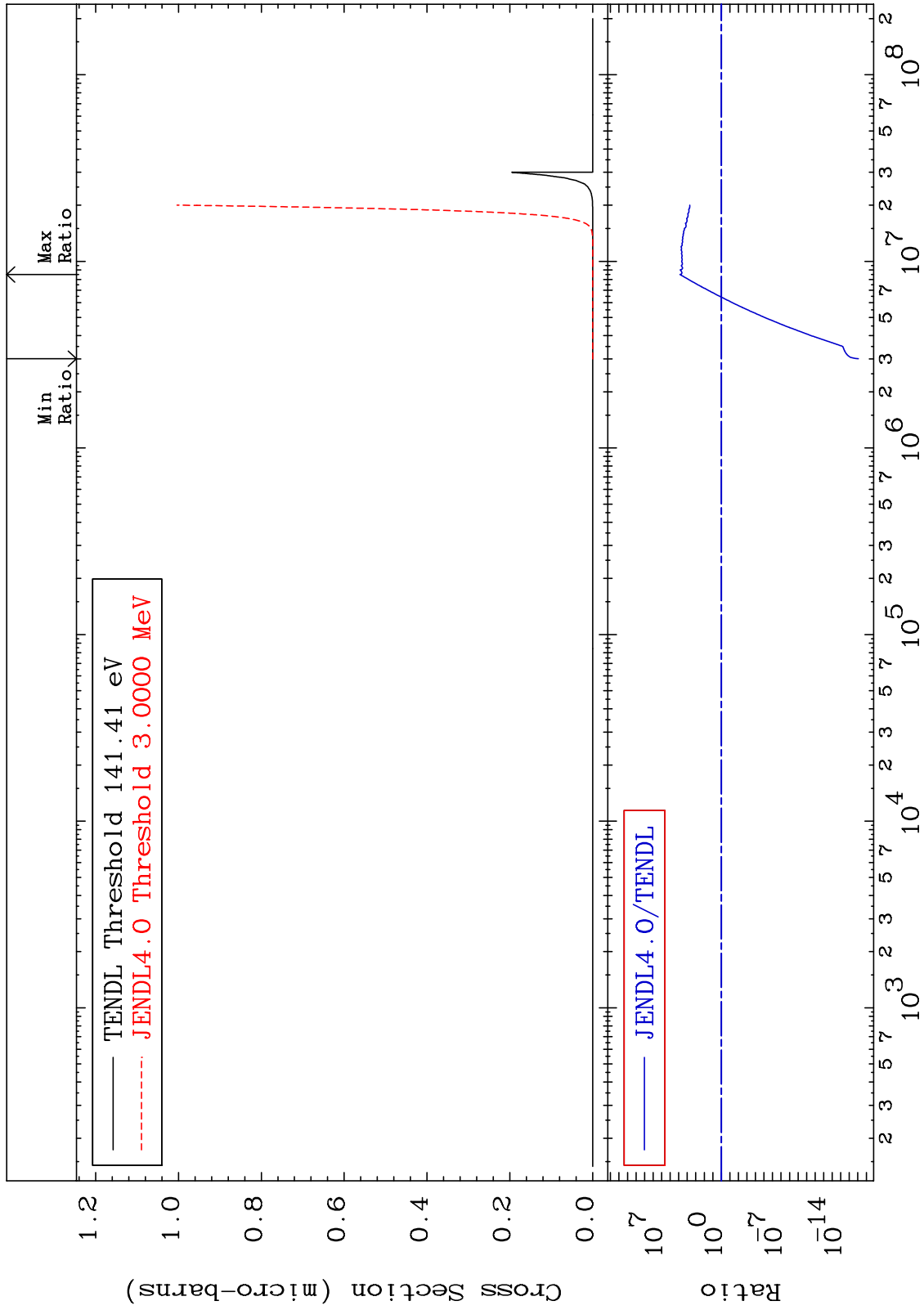
Incident Energy (eV)

66-Dy-156

MAT 6625

(n, n') 2α
Cross Section

66-Dy-156
-100.0 To 9999. %



10

Incident Energy (eV)

66-Dy-156

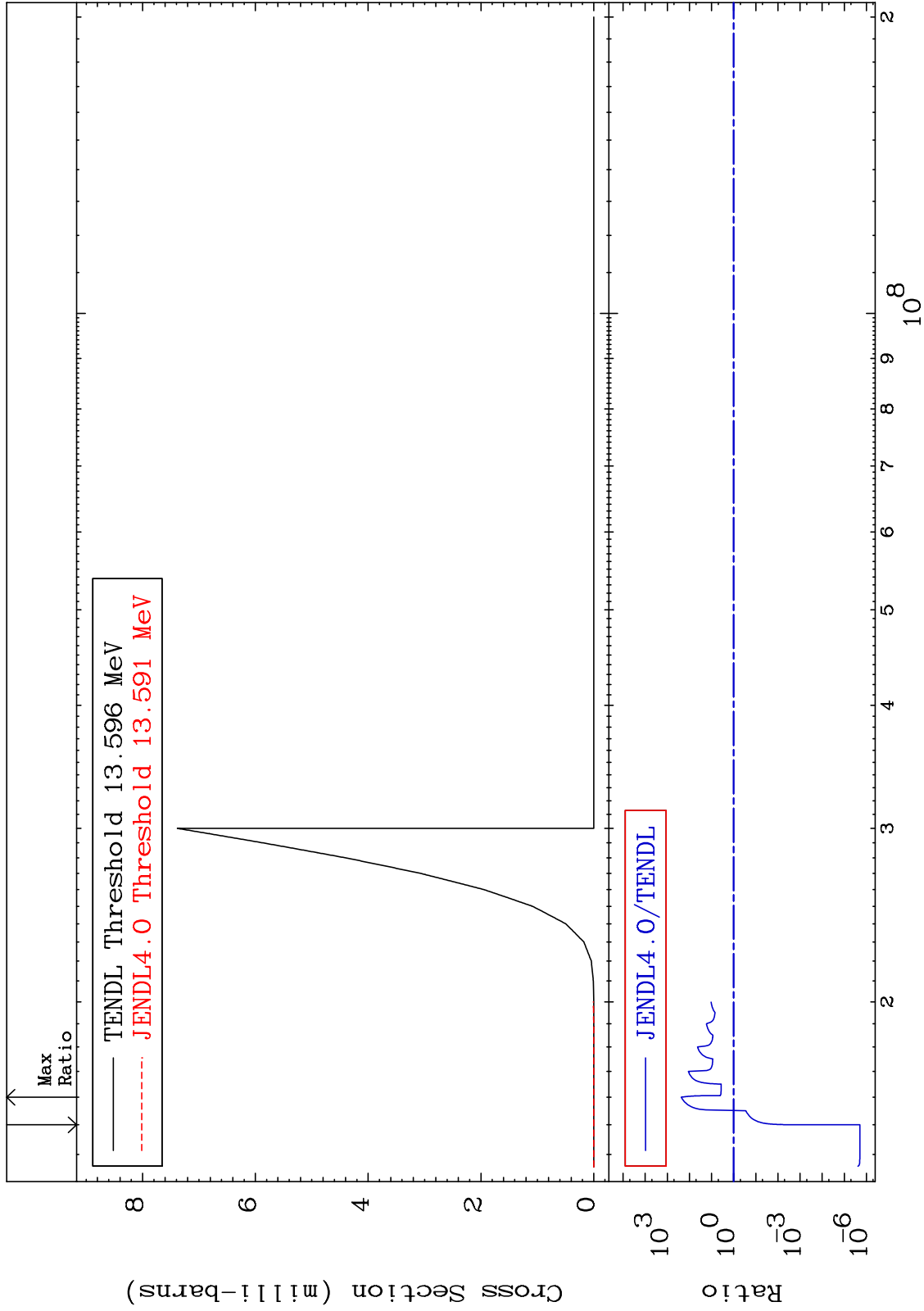
MAT 6625

(n, n') d

66-Dy-156

Cross Section

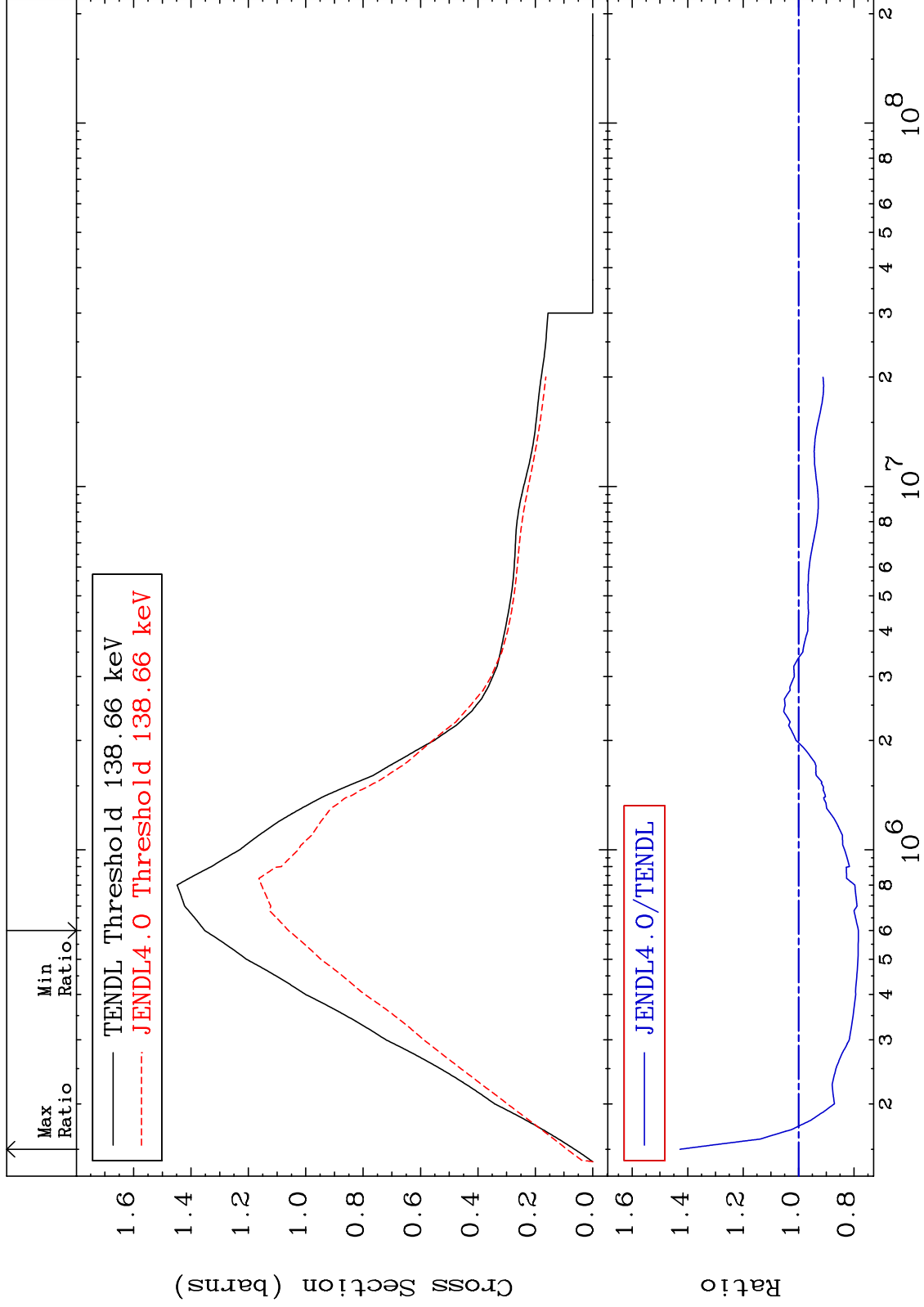
-100.0 To 9999. %



MAT 6625

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

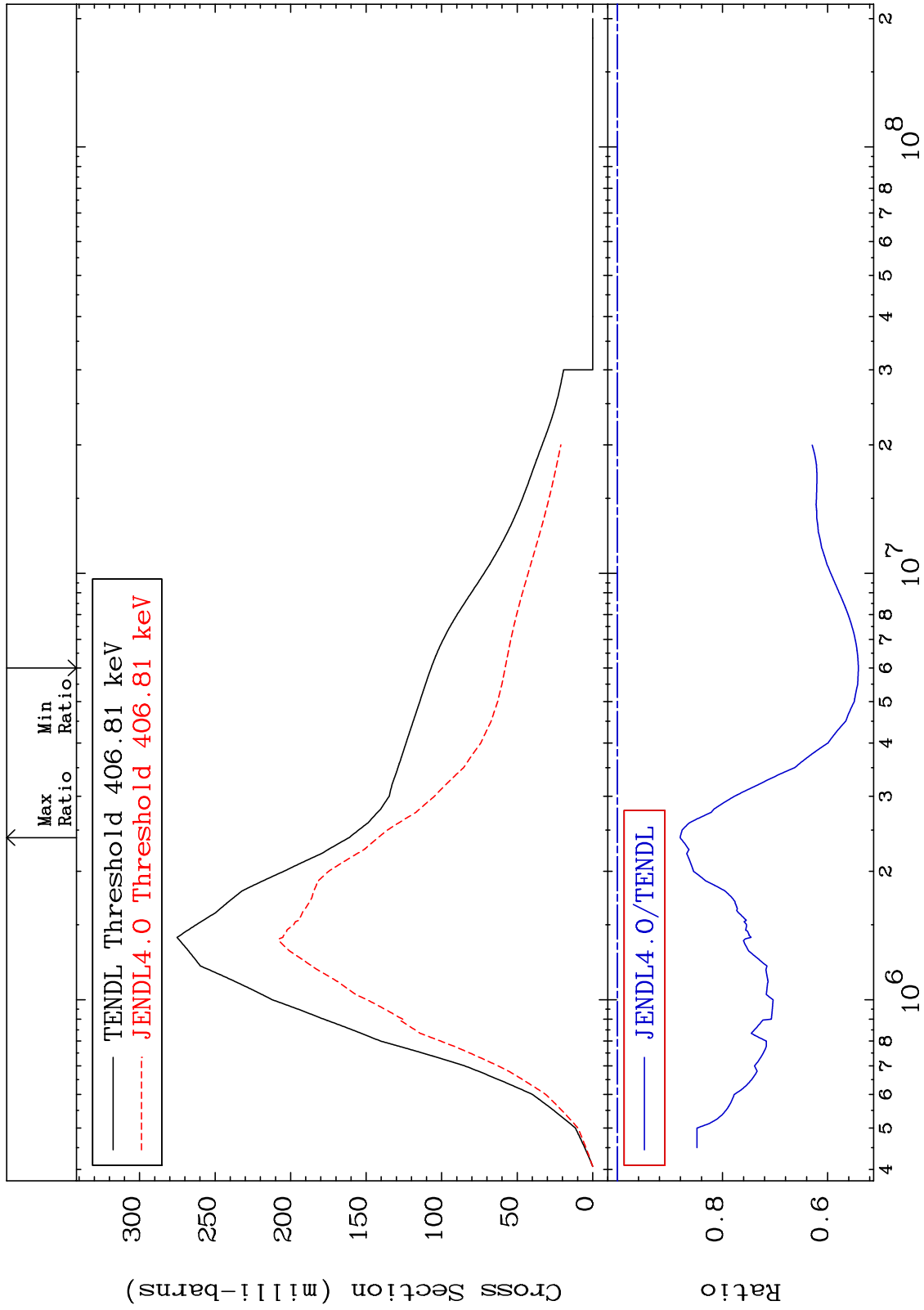
66-Dy-156
-21.59 To 42.77 %



MAT 6625

MT= 52 (n,n') Level
Cross Section

66-Dy-156
-45.85 To -11.91%



13

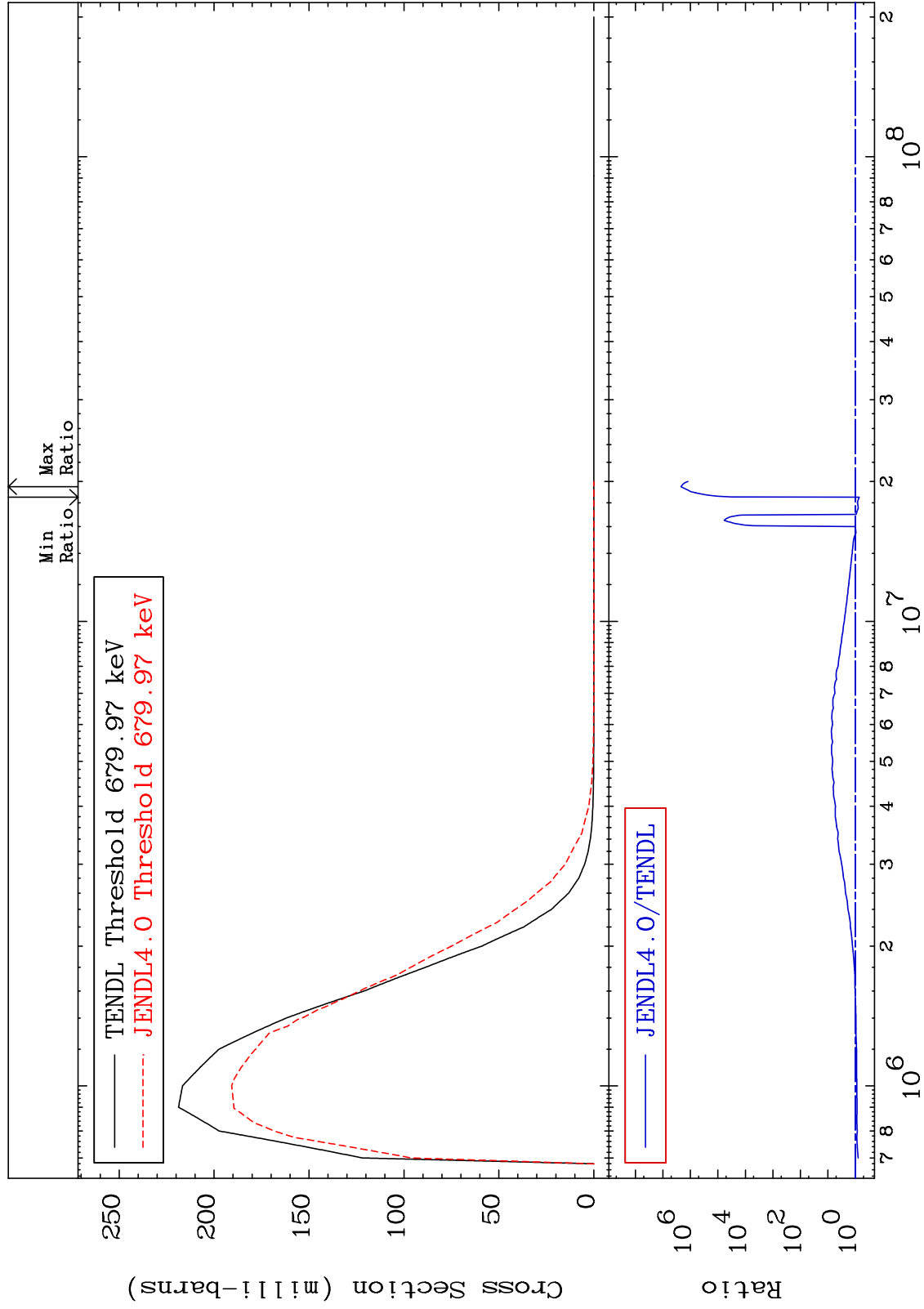
Incident Energy (eV)

66-Dy-156

MAT 6625

MT= 53 (n,n') Level
Cross Section

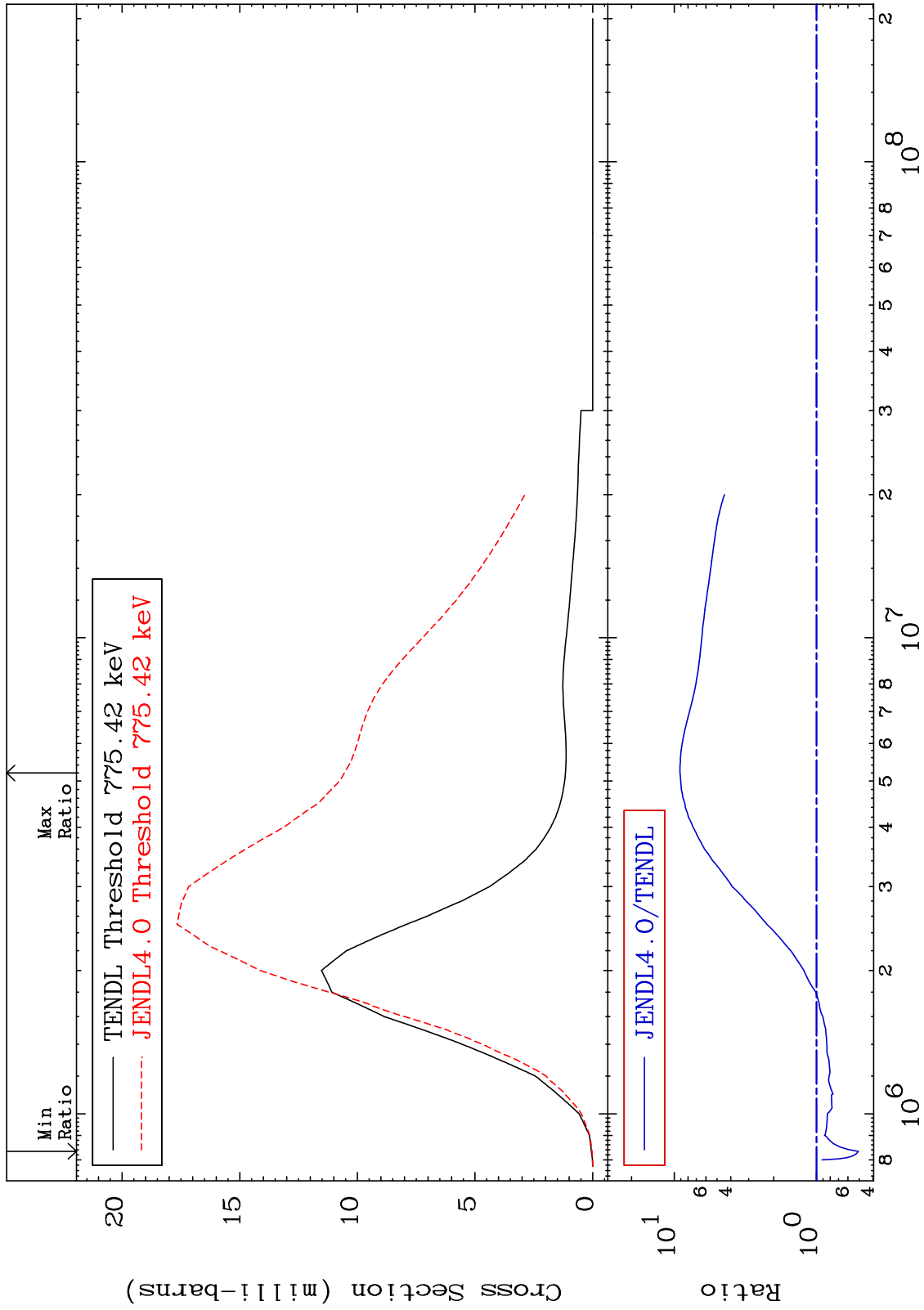
66-Dy-156
-28.27 To 9999. %



MAT 6625

MT= 54 (n,n') Level
Cross Section

66-Dy-156
-49.31 To 811.6 %



15

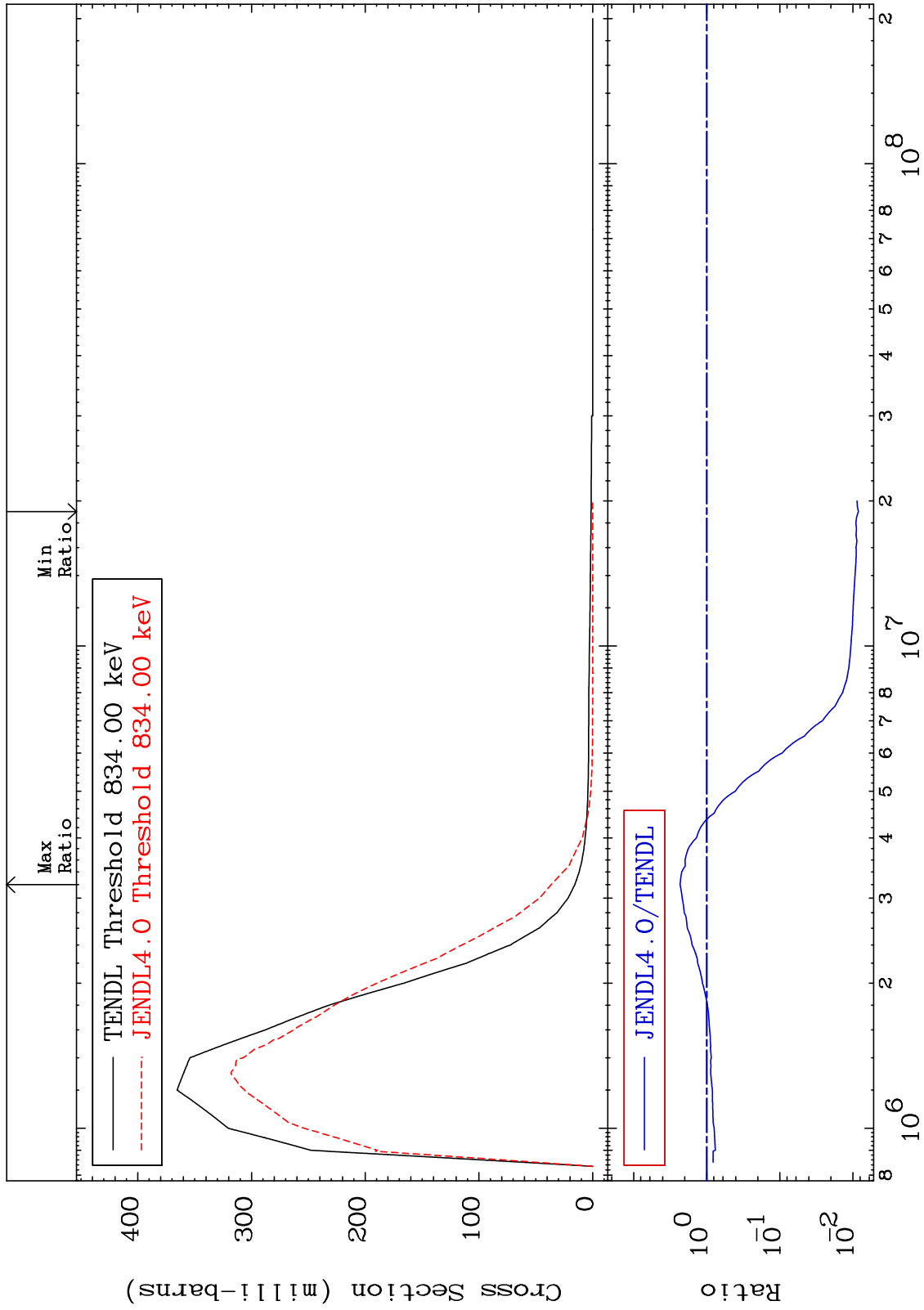
66-Dy-156

66-Dy-156

MAT 6625

MT= 55 (n,n') Level
Cross Section

66-Dy-156
-99.16 To 132.2 %

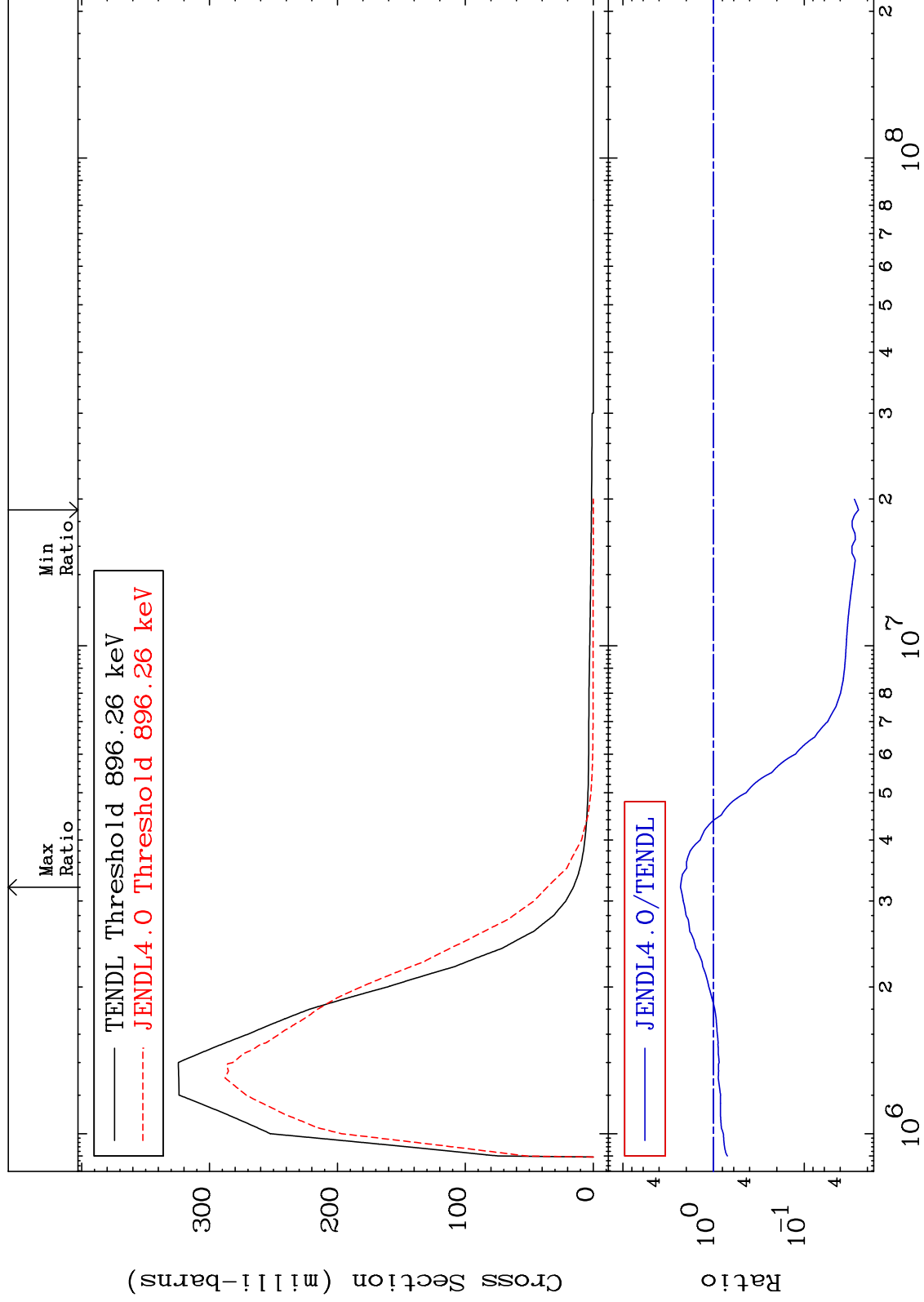


16 Incident Energy (eV) 66-Dy-156

MAT 6625

MT= 56 (n,n') Level
Cross Section

66-Dy-156
-97.49 To 132.1 %

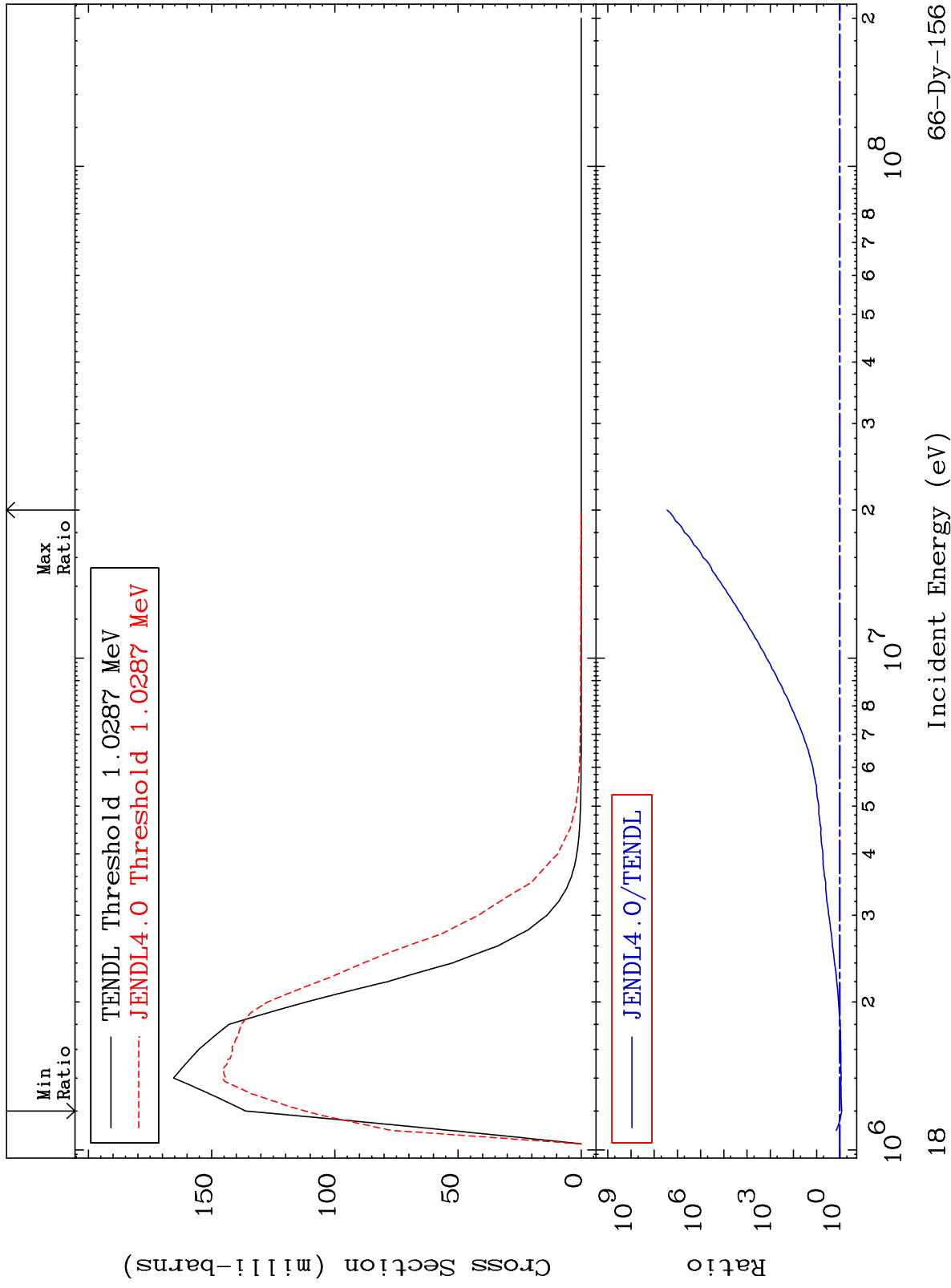


17

Incident Energy (eV)

66-Dy-156

MAT 6625 MT= 57 (n,n') Level 66-Dy-156
Cross Section -17.72 To 9999. %



66-Dy-156

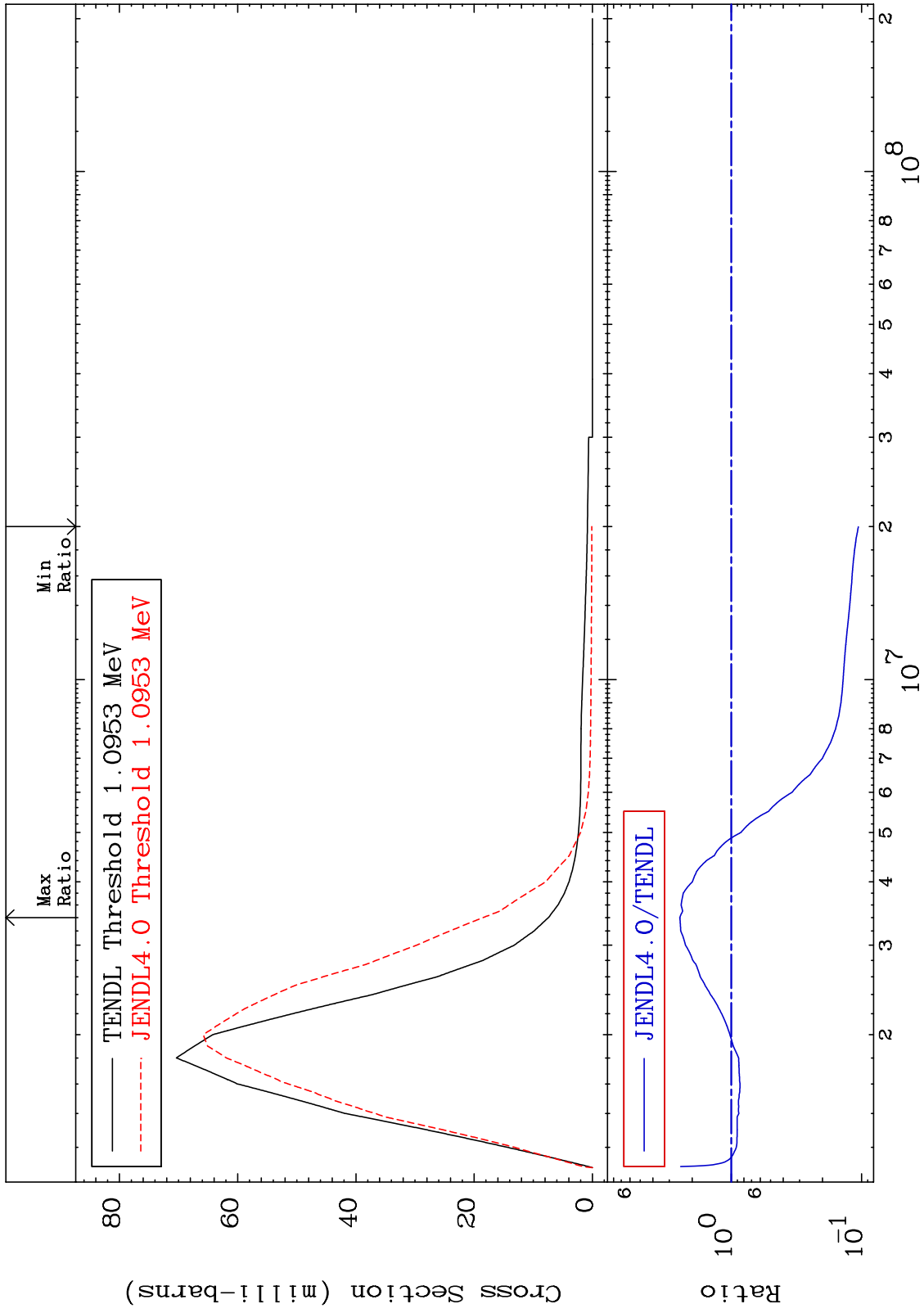
Incident Energy (eV)

18

MAT 6625

MT= 58 (n, n') Level
Cross Section

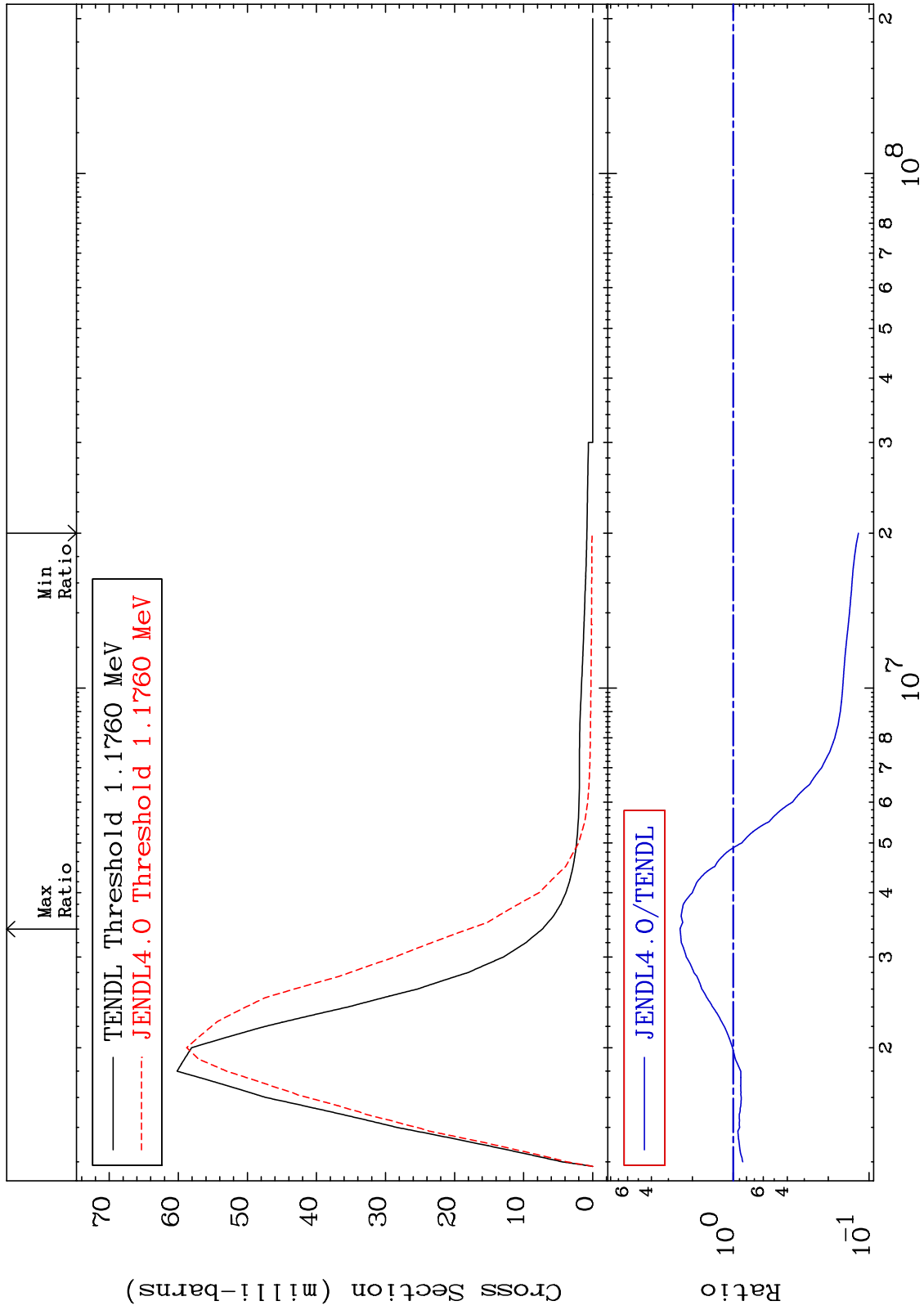
66-Dy-156
-89.40 To 148.6 %



MAT 6625

MT= 59 (n, n') Level
Cross Section

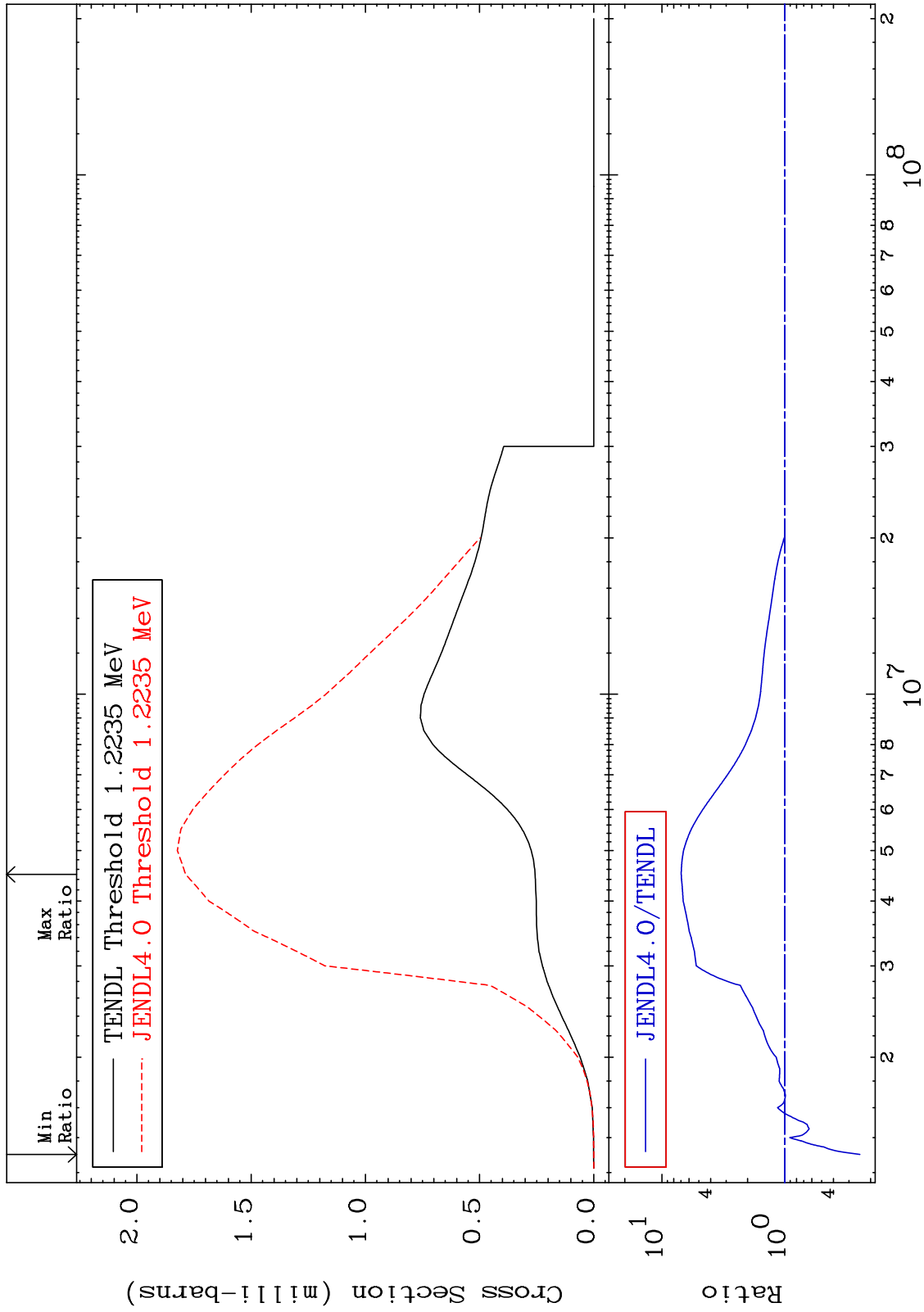
66-Dy-156
-88.02 To 146.6 %



MAT 6625

MT= 60 (n,n') Level
Cross Section

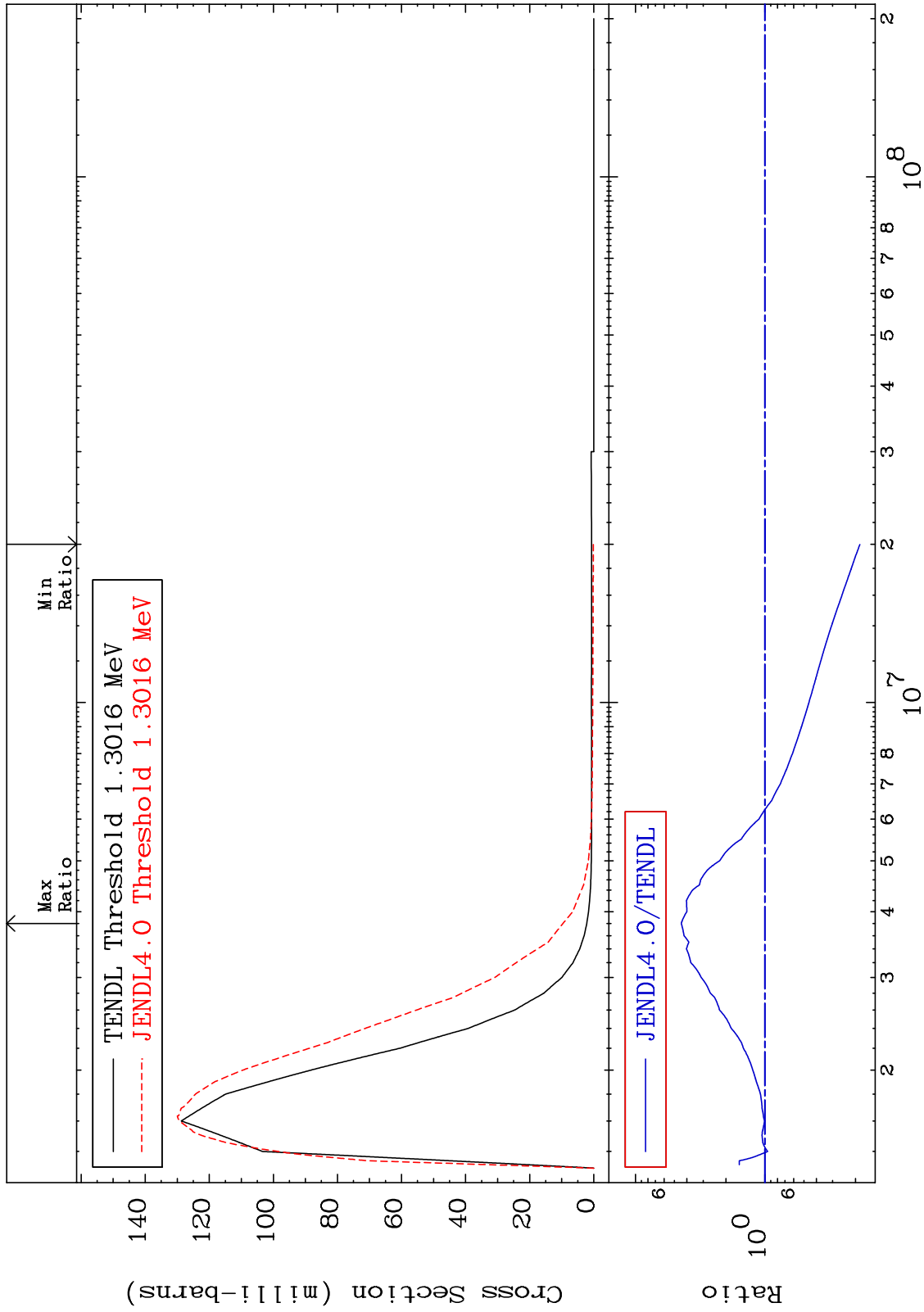
66-Dy-156
-75.61 To 595.3 %



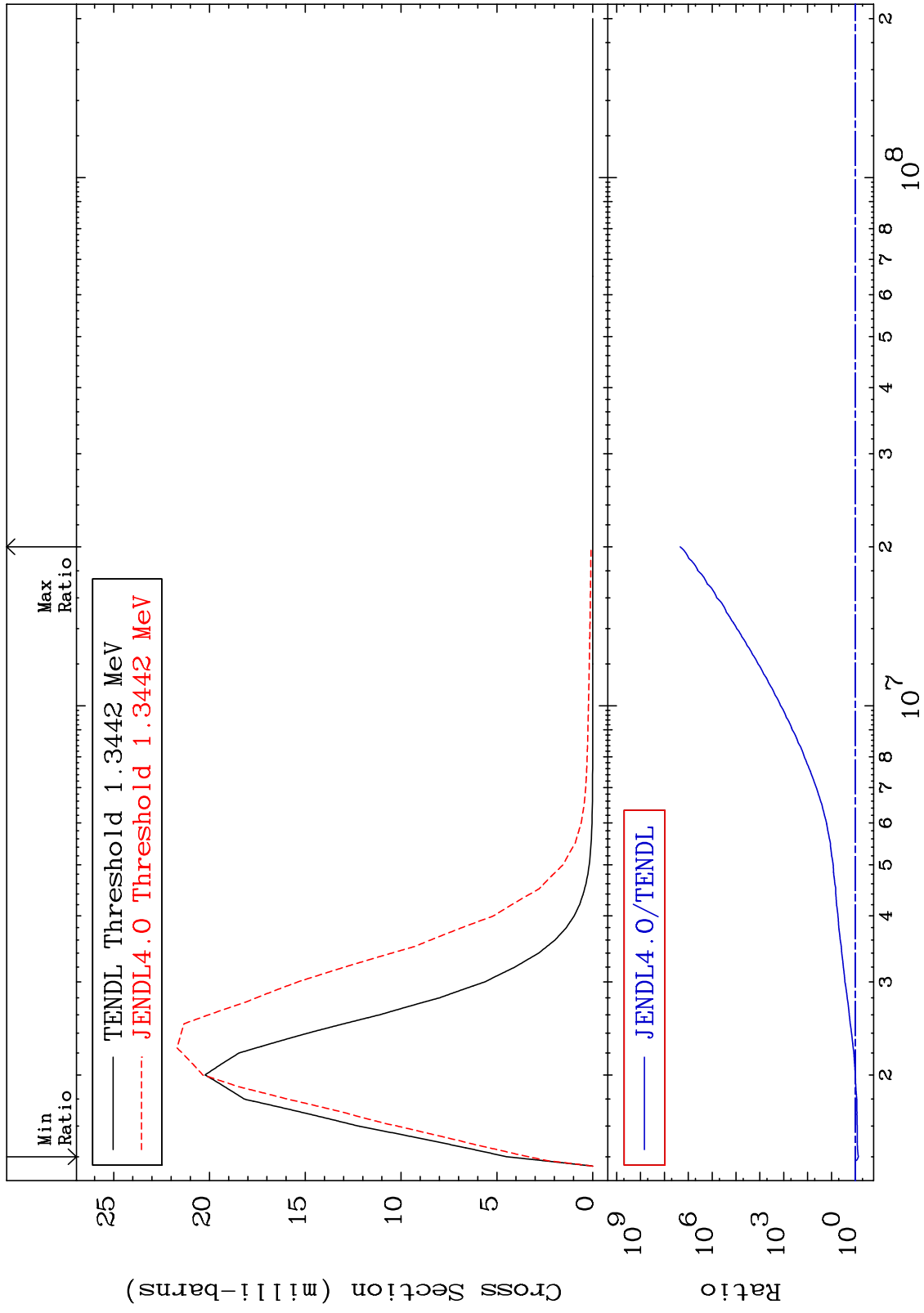
MAT 6625

MT= 61 (n, n') Level
Cross Section

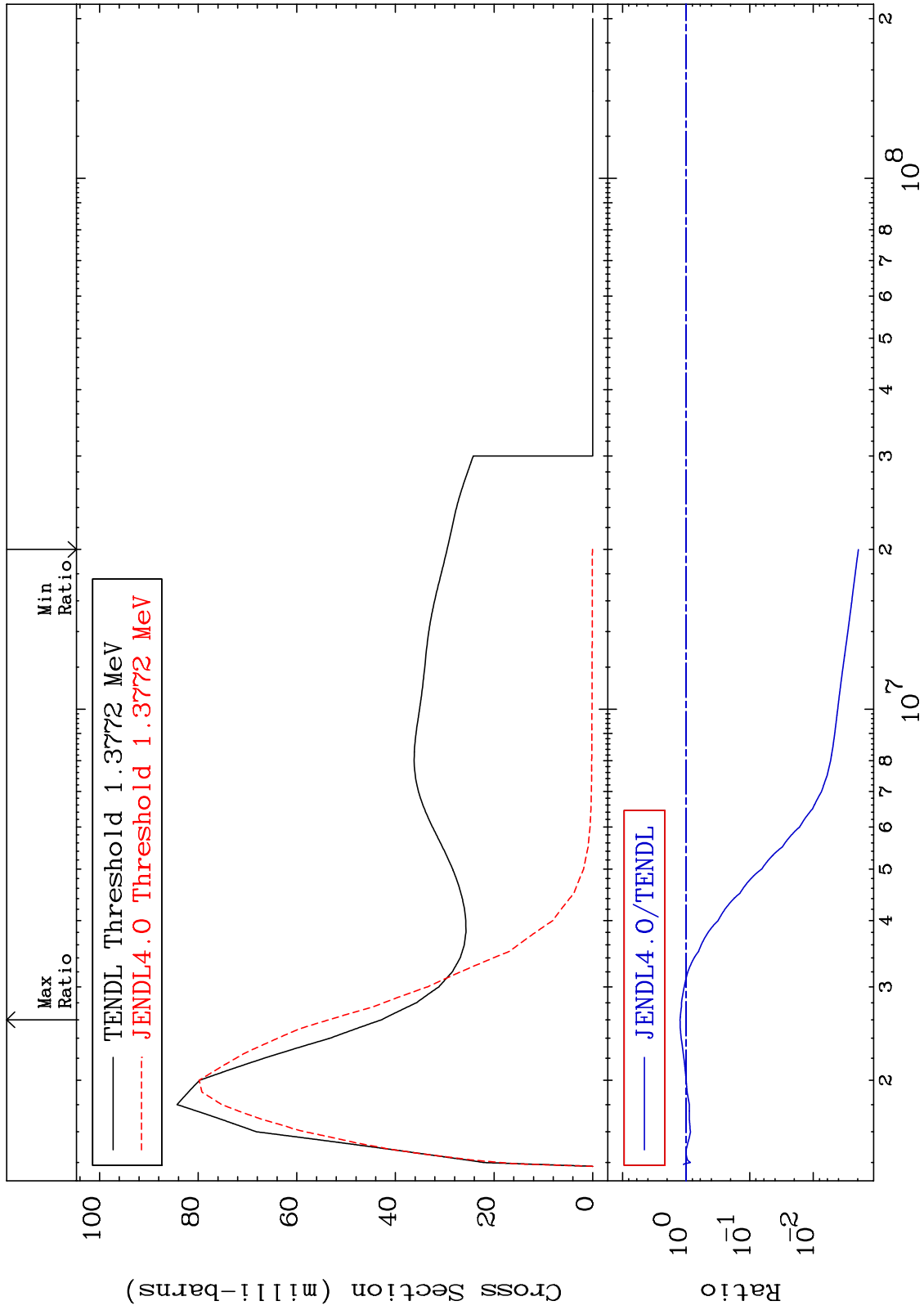
66-Dy-156
-81.54 To 342.8 %



MAT 6625 MT= 62 (n,n') Level Cross Section 66-Dy-156
 -25.53 To 9999. %



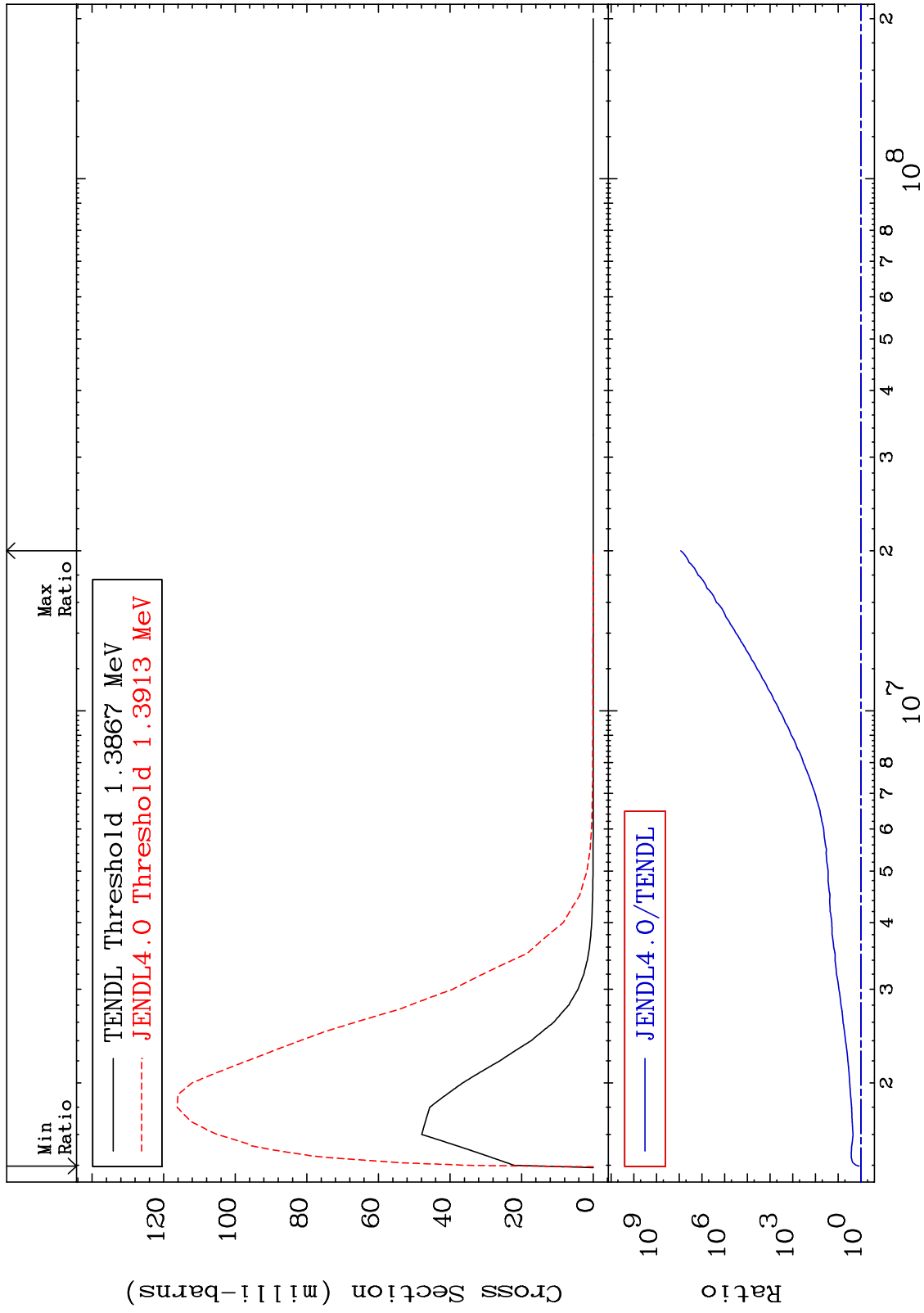
MAT 6625 MT= 63 (n,n') Level Cross Section 66-Dy-156
 -99.80 To 24.90 %



MAT 6625

MT= 64 (n,n') Level
Cross Section

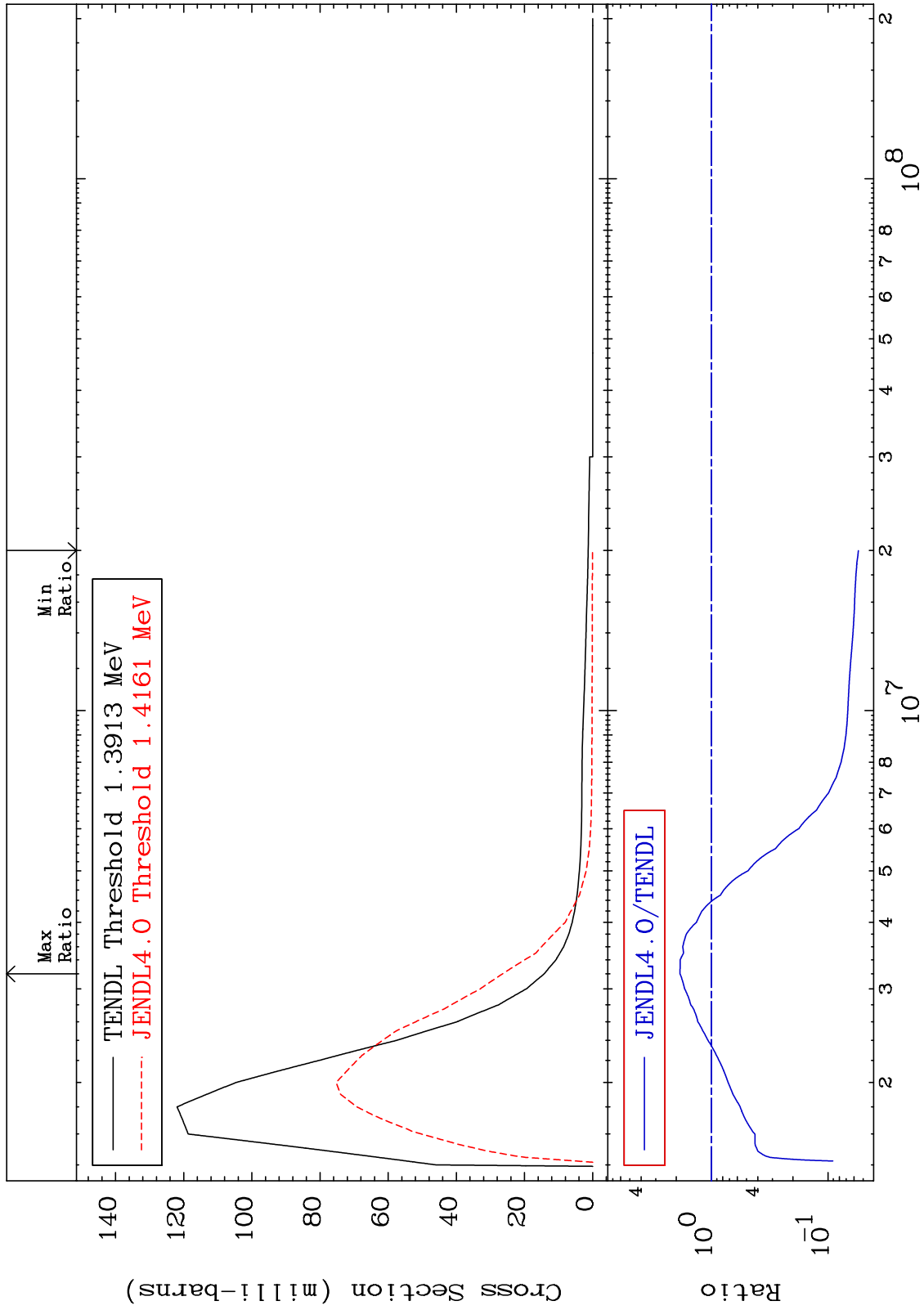
66-Dy-156
17.76 To 9999. %



MAT 6625

MT= 65 (n,n') Level
Cross Section

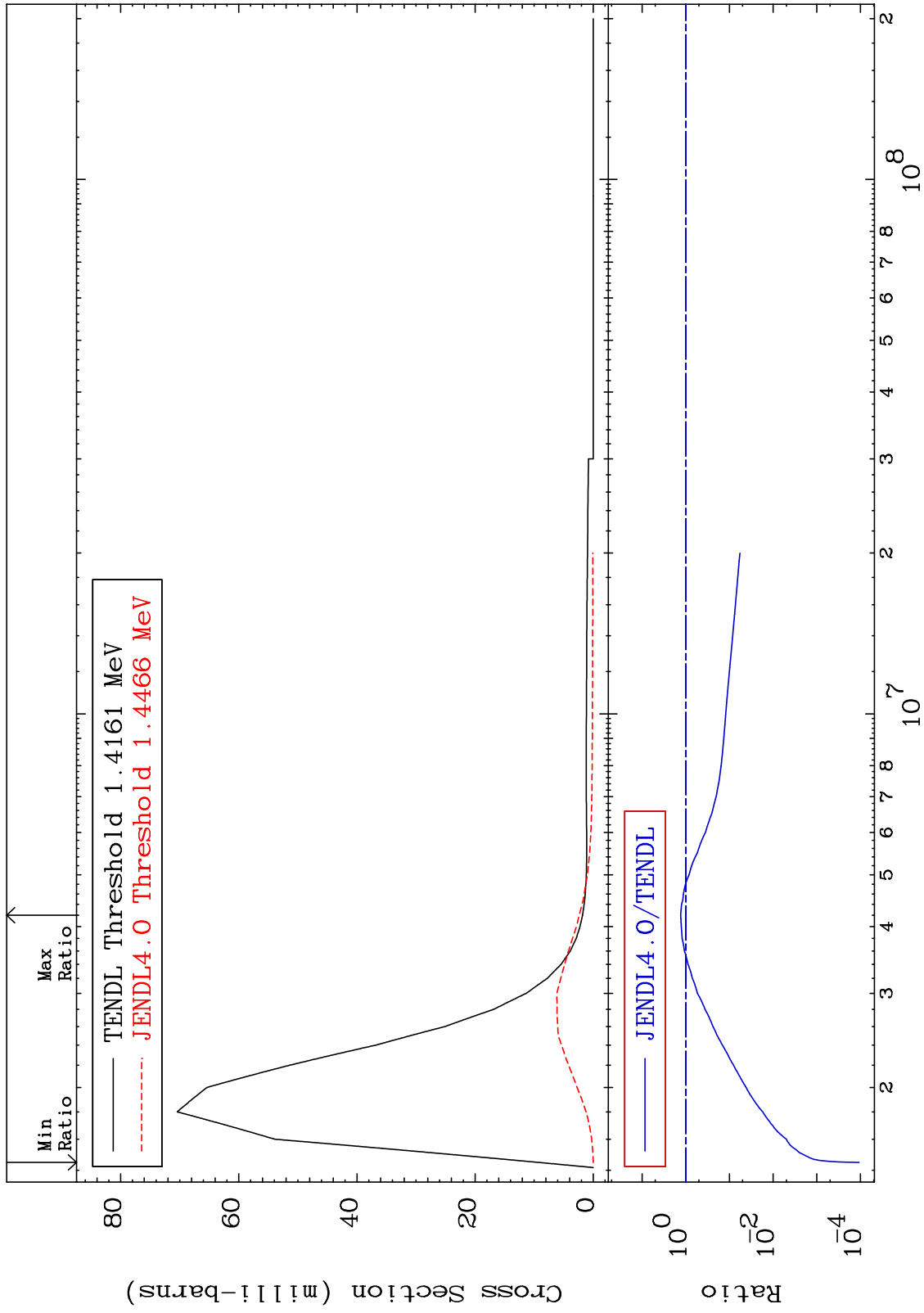
66-Dy-156
-94.51 To 85.81 %



MAT 6625

MT= 66 (n,n') Level
Cross Section

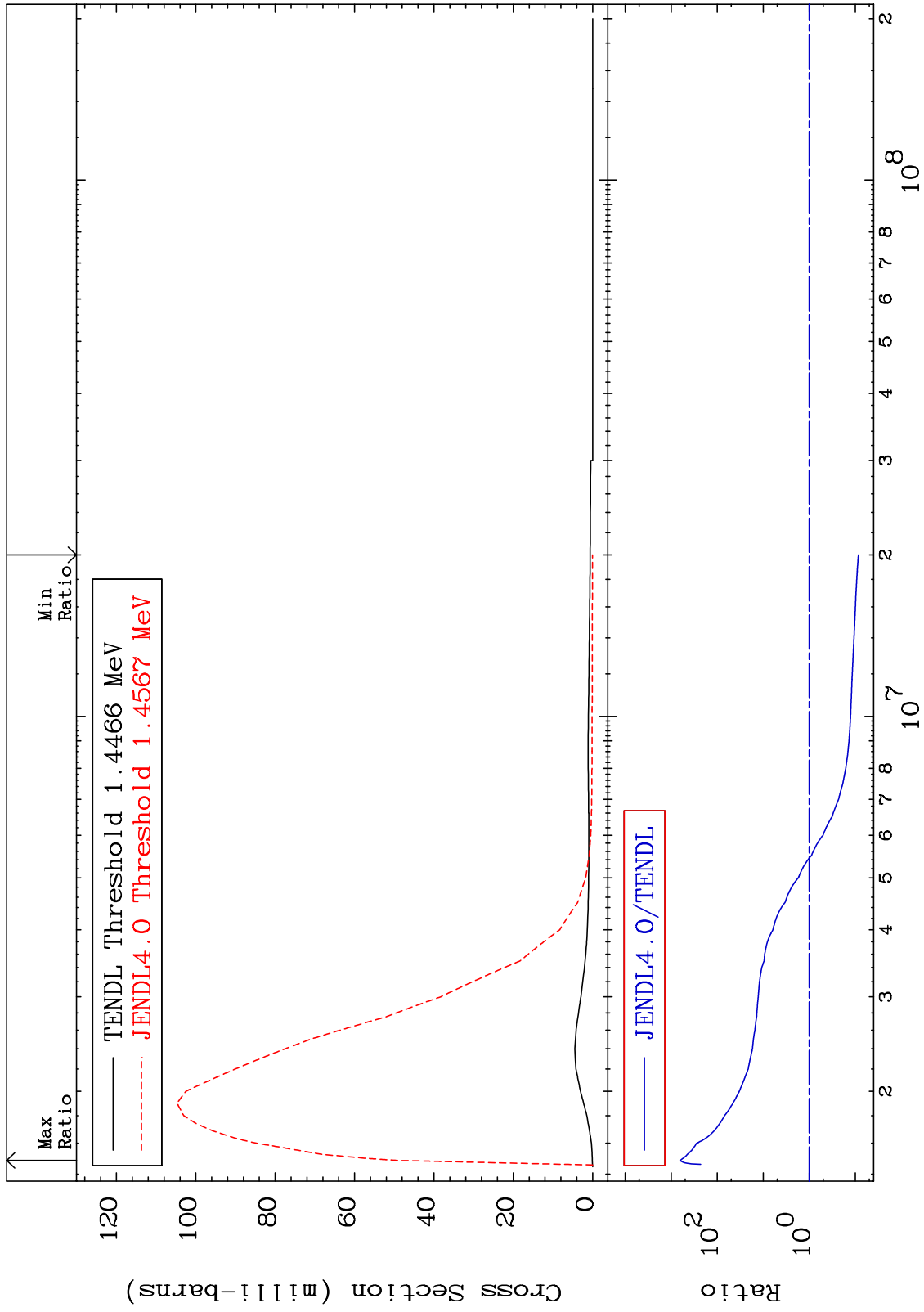
66-Dy-156
-99.99 To 31.57 %



MAT 6625

MT= 67 (n, n') Level
Cross Section

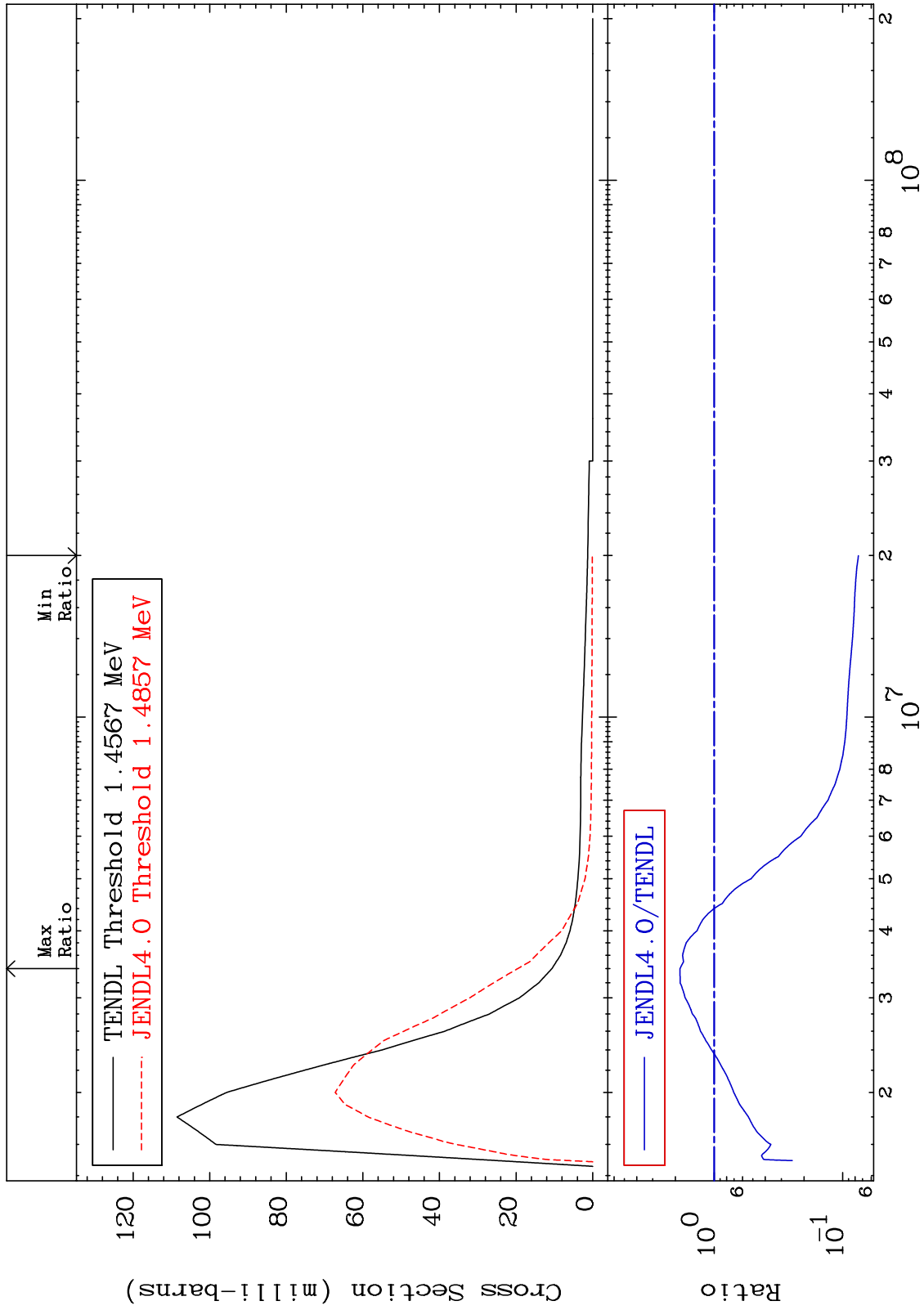
66-Dy-156
-91.42 To 9999. %



MAT 6625

MT= 68 (n,n') Level
Cross Section

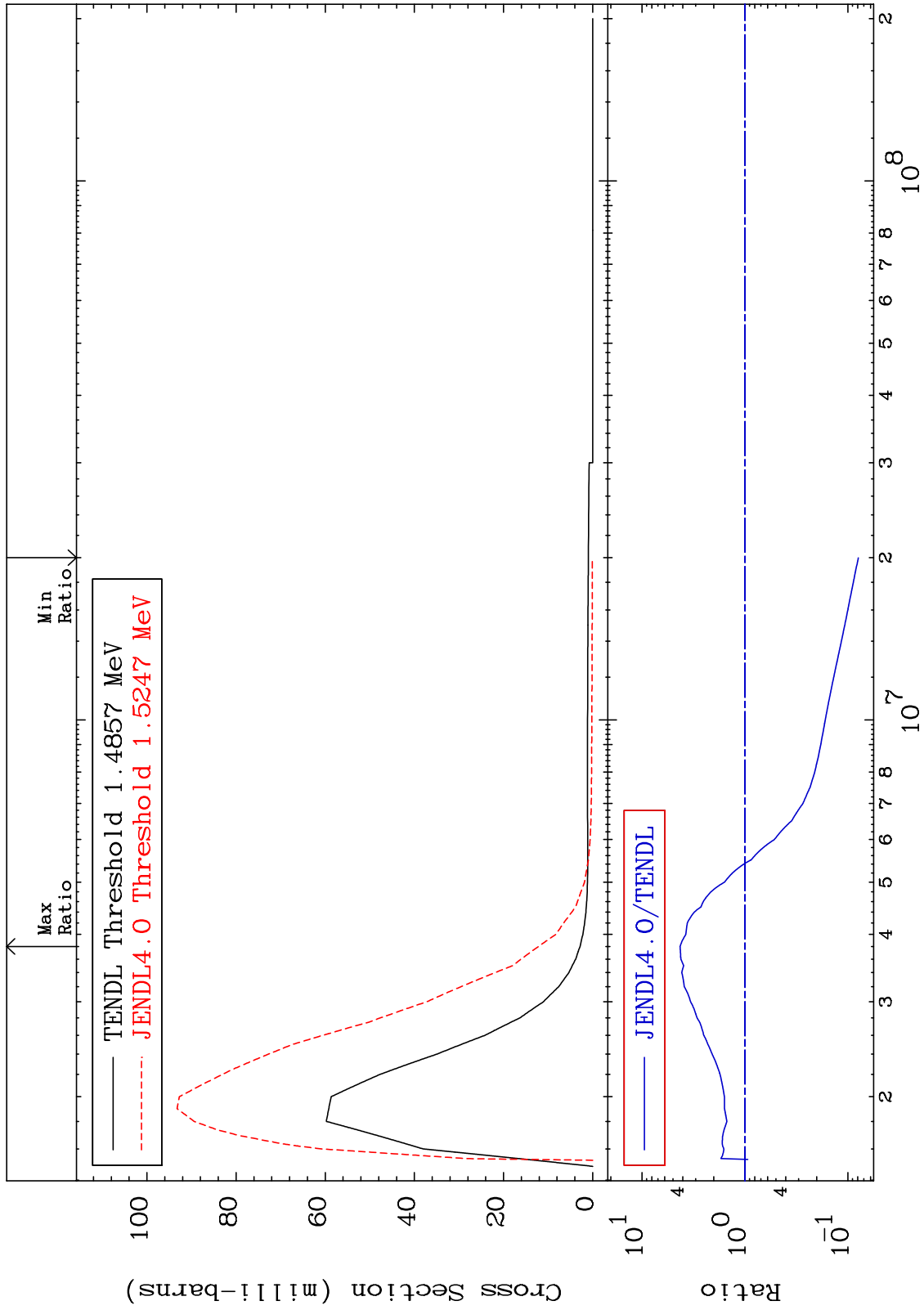
66-Dy-156
-92.45 To 84.18 %



MAT 6625

MT= 69 (n,n') Level
Cross Section

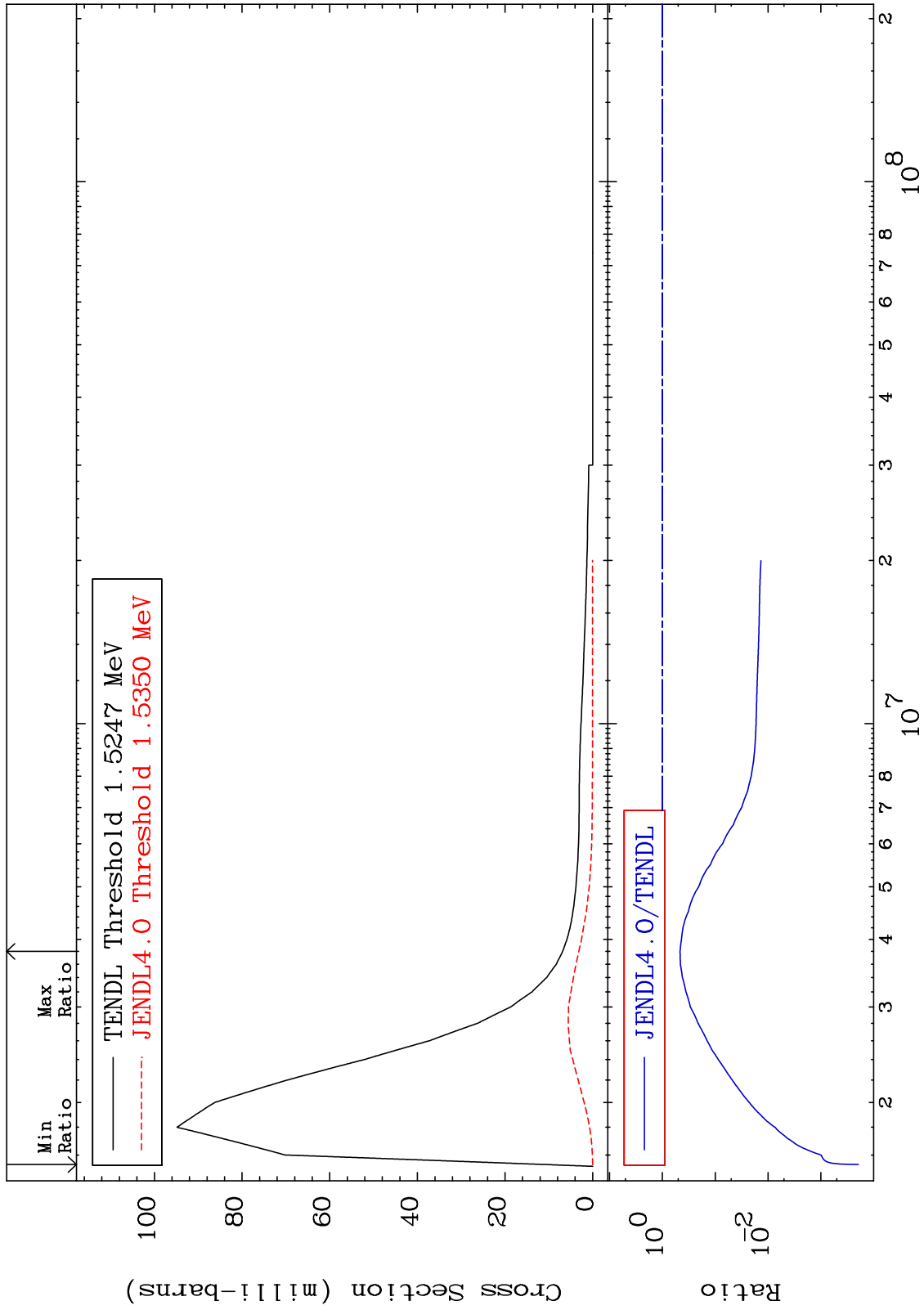
66-Dy-156
-92.11 To 326.3 %



MAT 6625

MT= 70 (n,n') Level
Cross Section

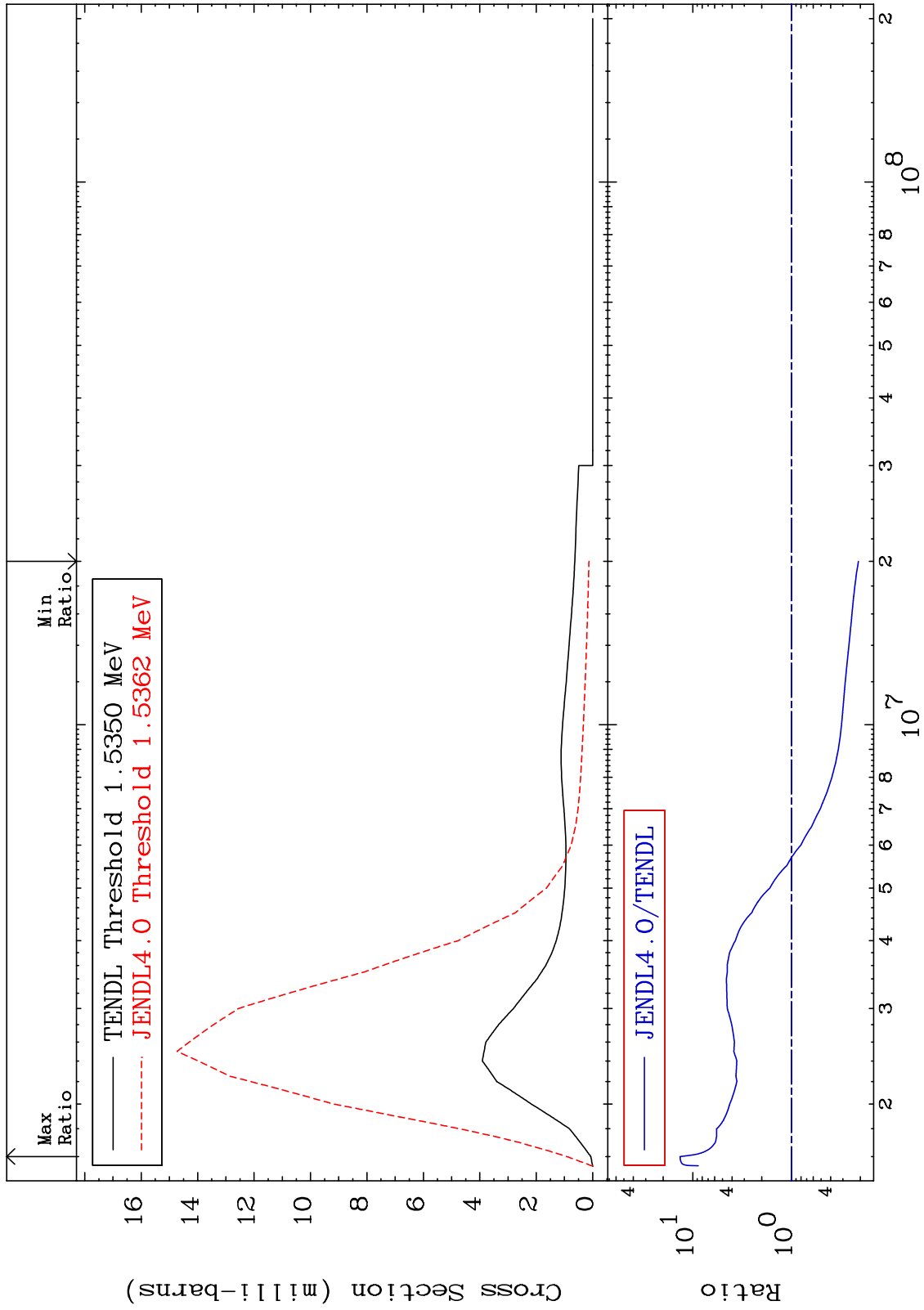
66-Dy-156
-99.98 To -53.74%



MAT 6625

MT= 71 (n,n') Level
Cross Section

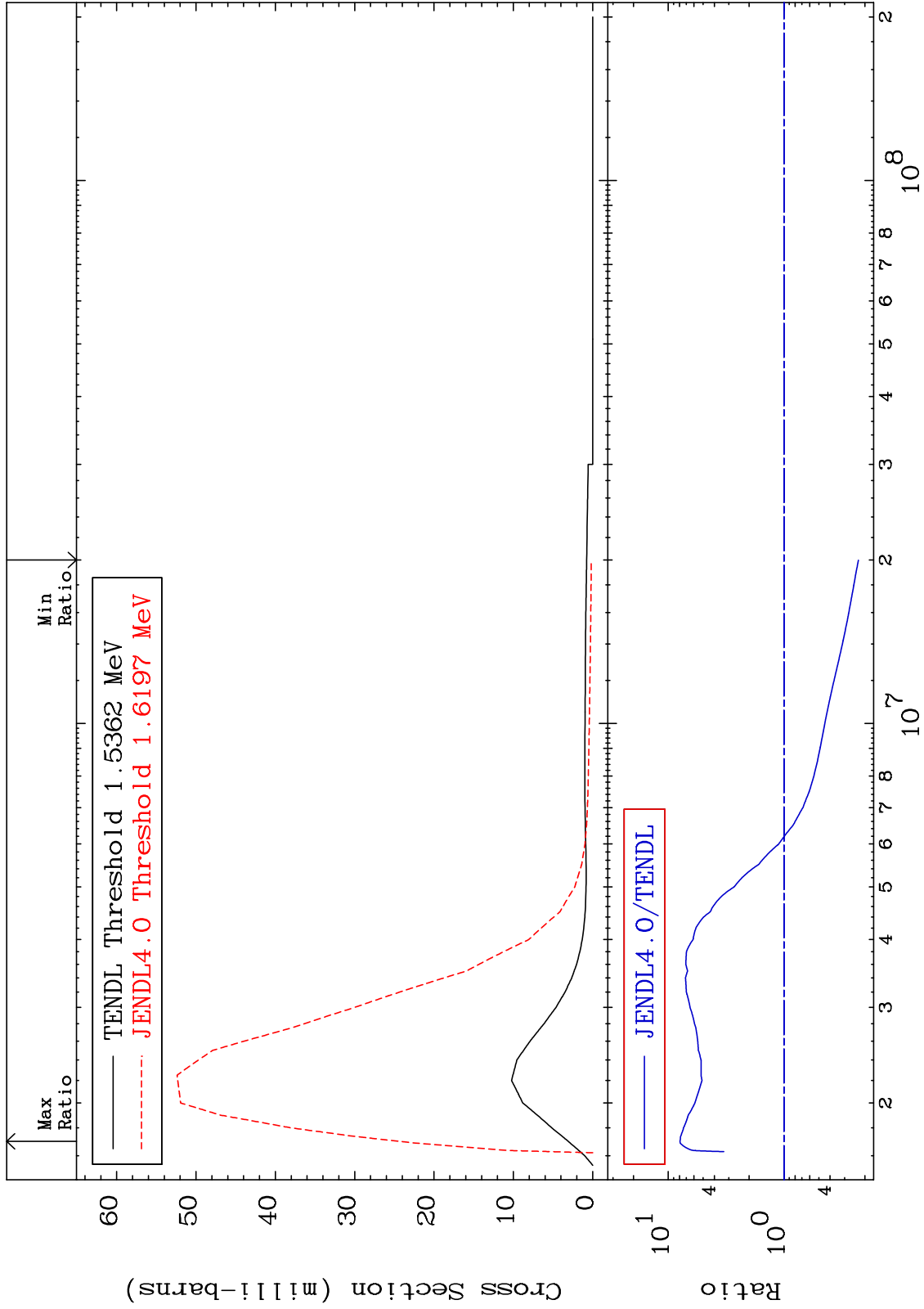
66-Dy-156
-79.09 To 1246. %



MAT 6625

MT= 72 (n,n') Level
Cross Section

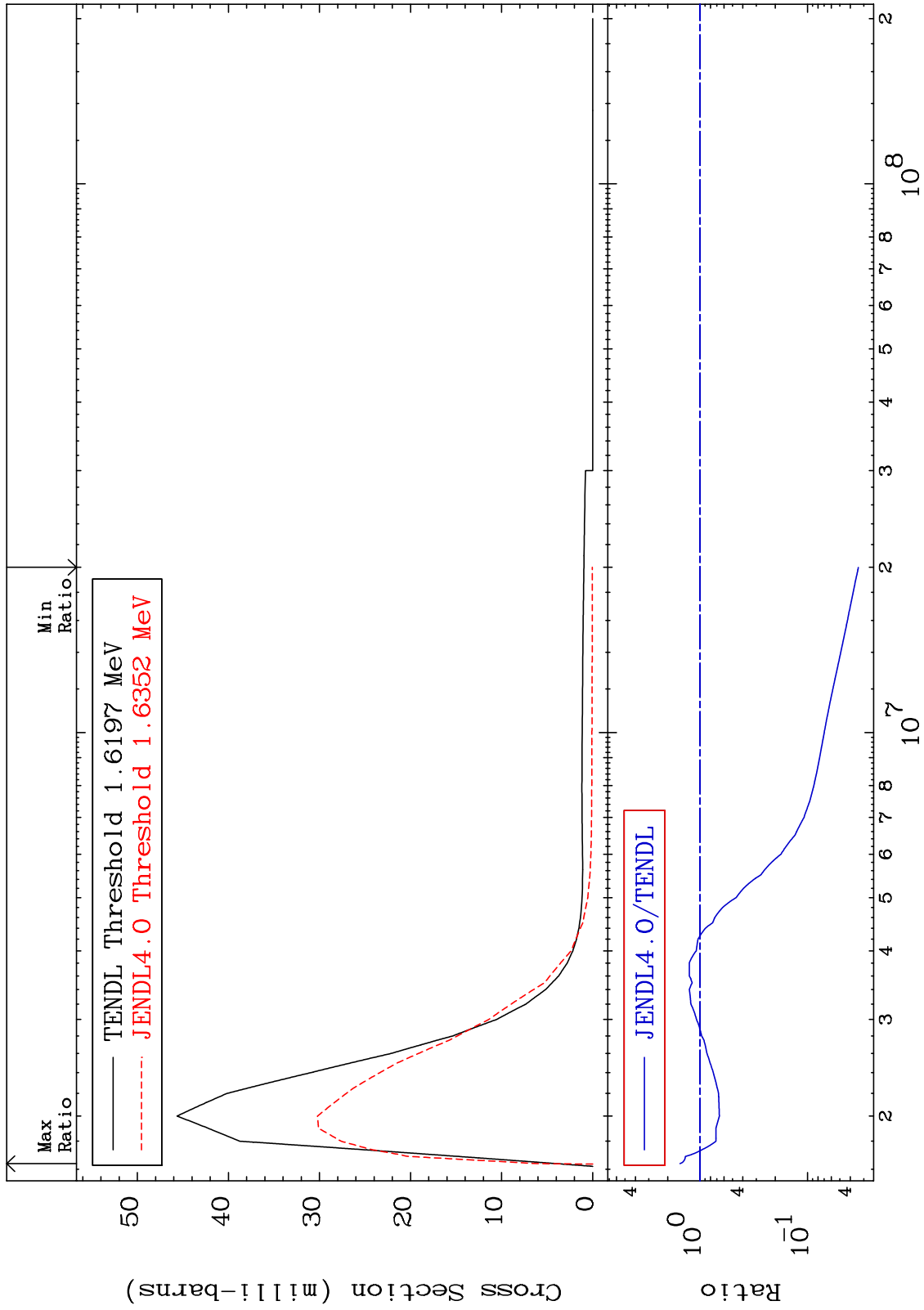
66-Dy-156
-77.25 To 691.6 %



MAT 6625

MT= 73 (n,n') Level
Cross Section

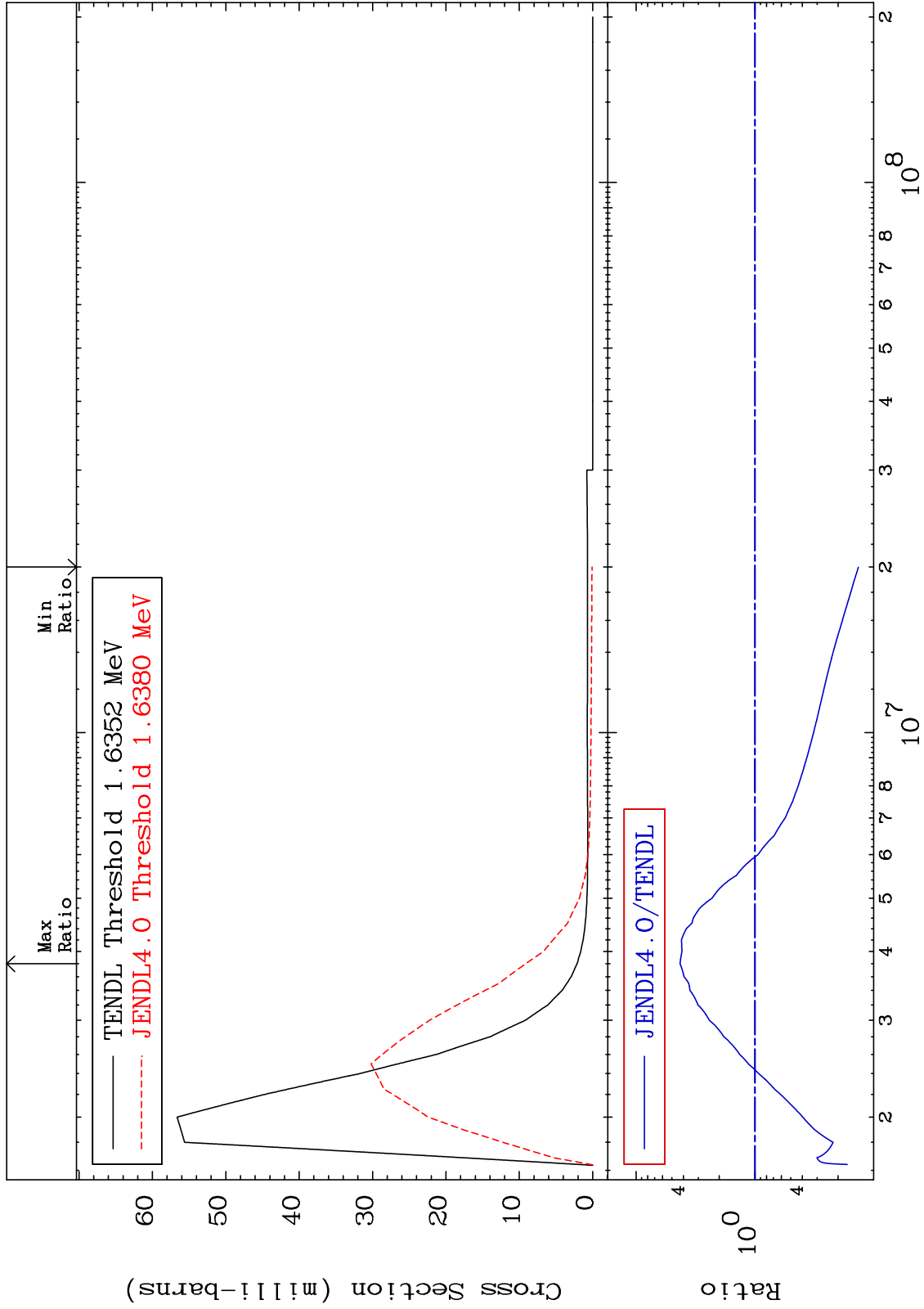
66-Dy-156
-96.64 To 53.82 %



MAT 6625

MT= 74 (n,n') Level
Cross Section

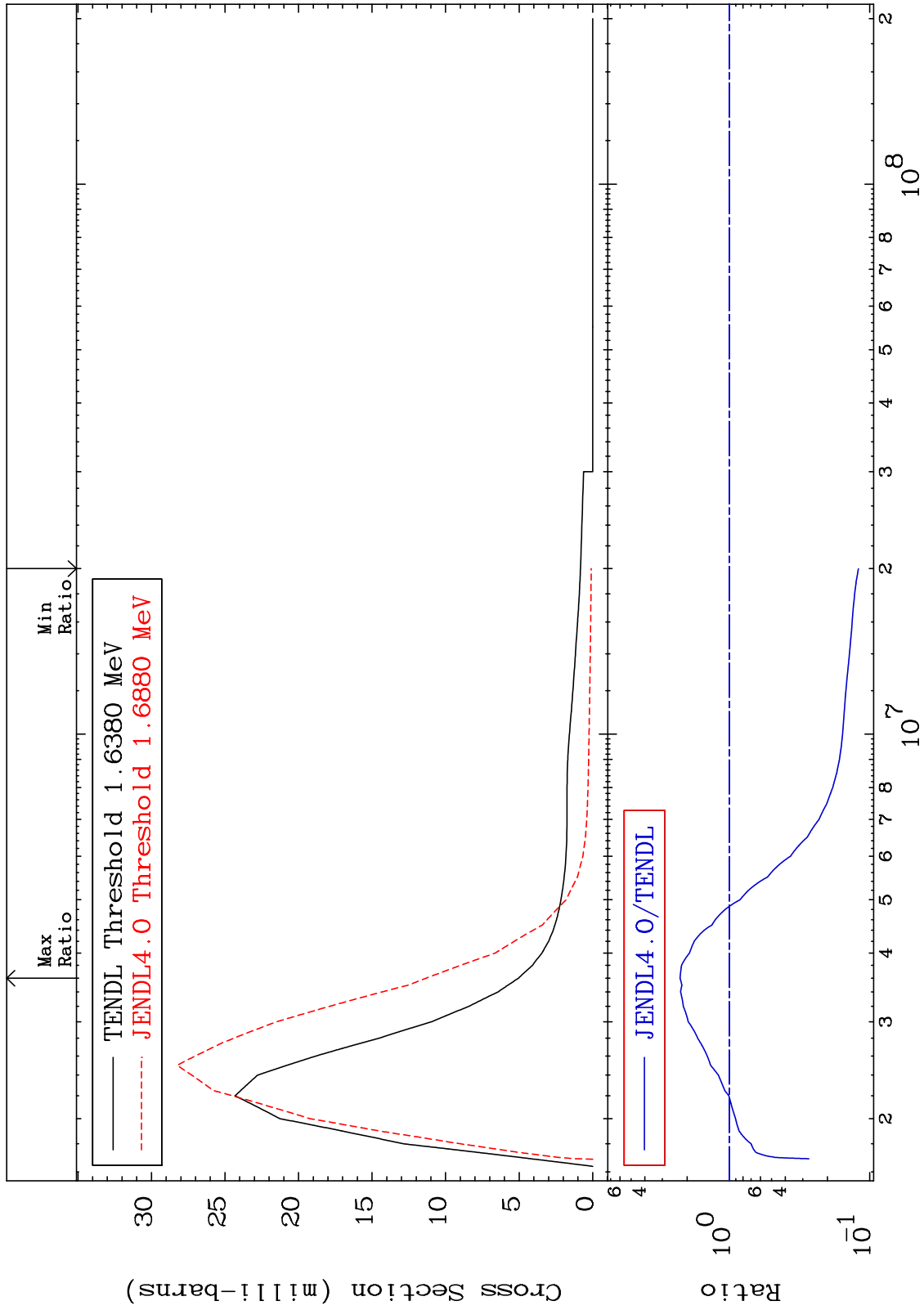
66-Dy-156
-86.52 To 327.6 %



MAT 6625

MT= 75 (n,n') Level
Cross Section

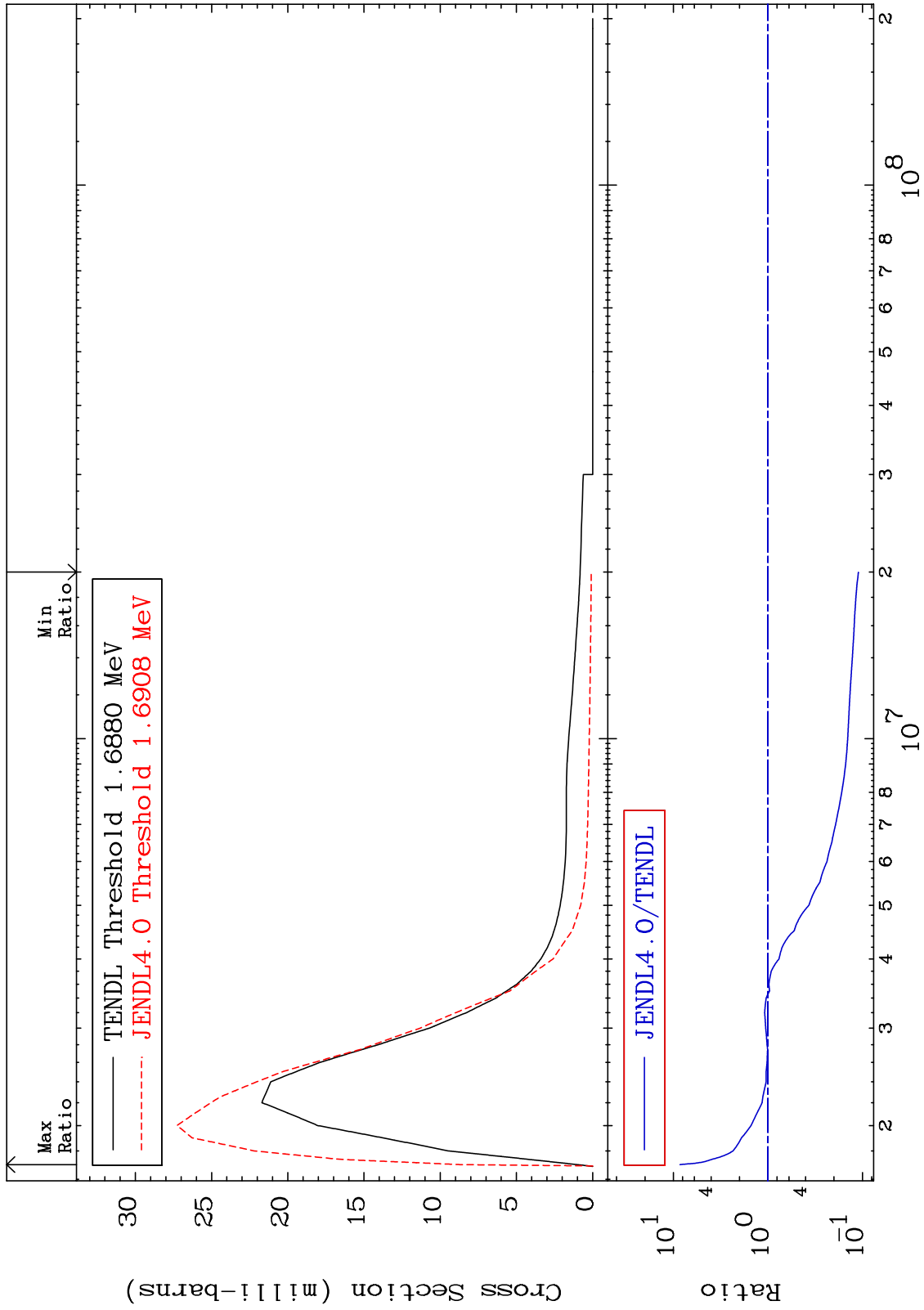
66-Dy-156
-87.96 To 124.4 %



MAT 6625

MT= 76 (n,n') Level
Cross Section

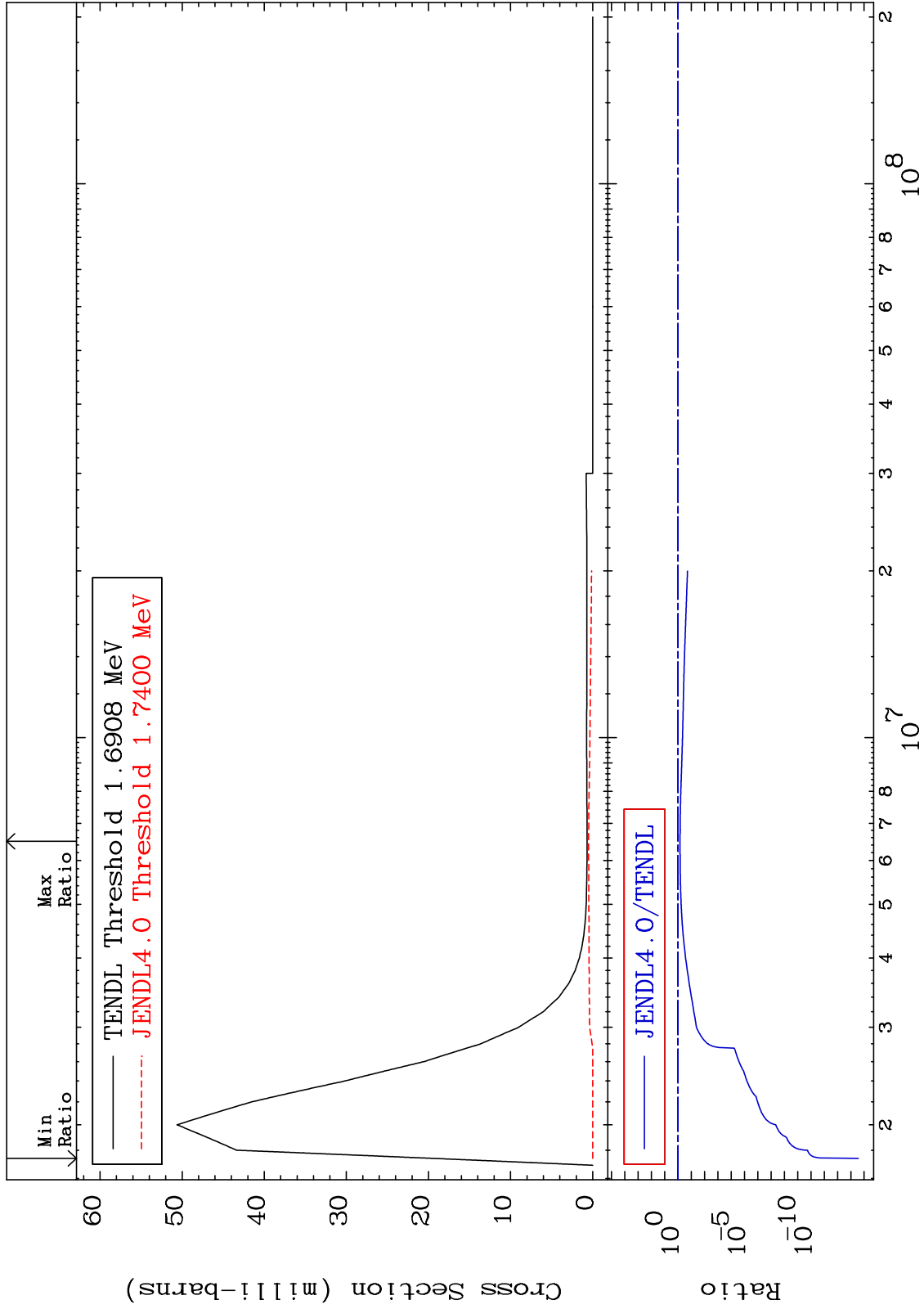
66-Dy-156
-88.97 To 752.1 %



MAT 6625

MT= 77 (n,n') Level
Cross Section

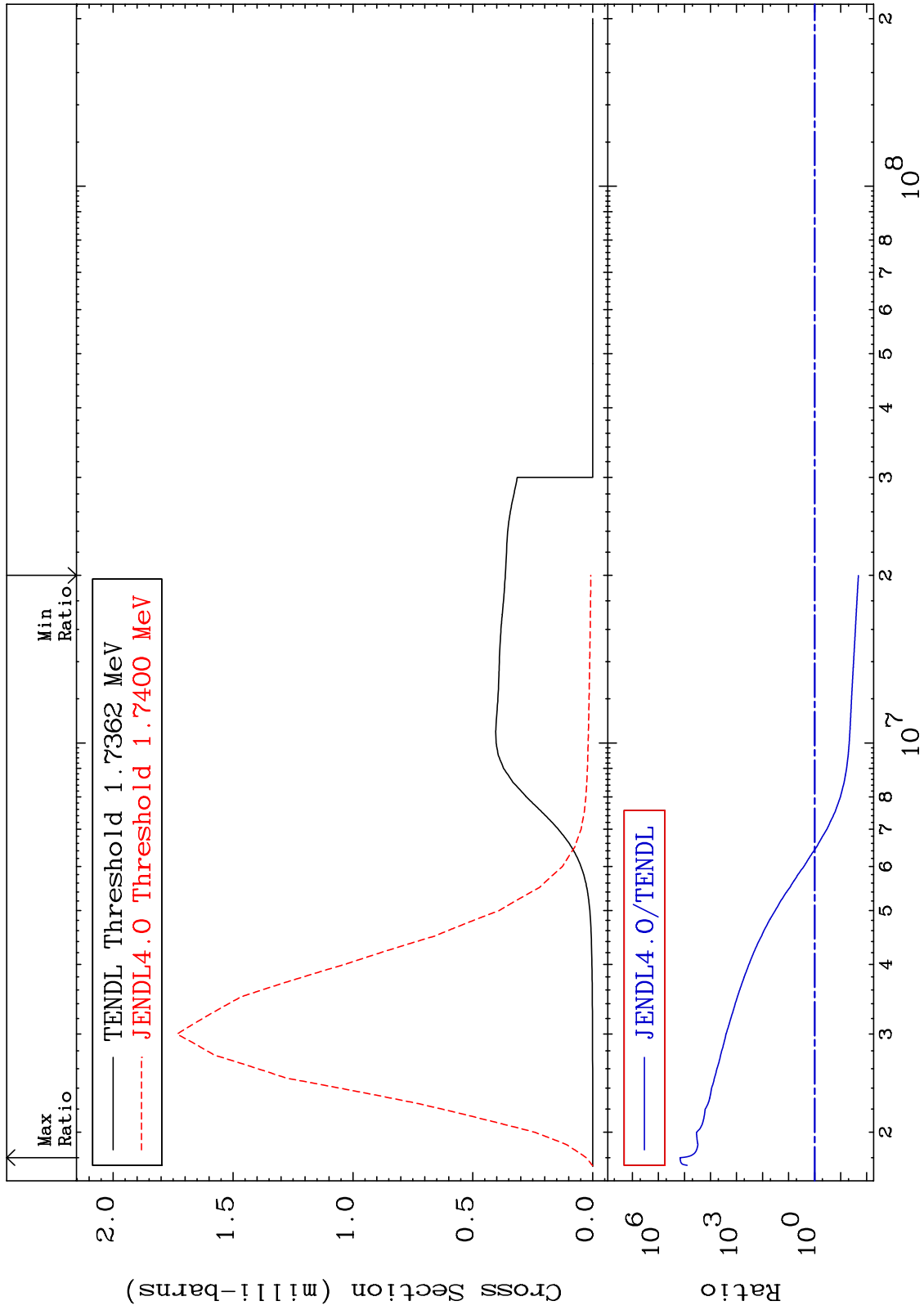
66-Dy-156
-100.0 To -29.05%



MAT 6625

MT= 78 (n,n') Level
Cross Section

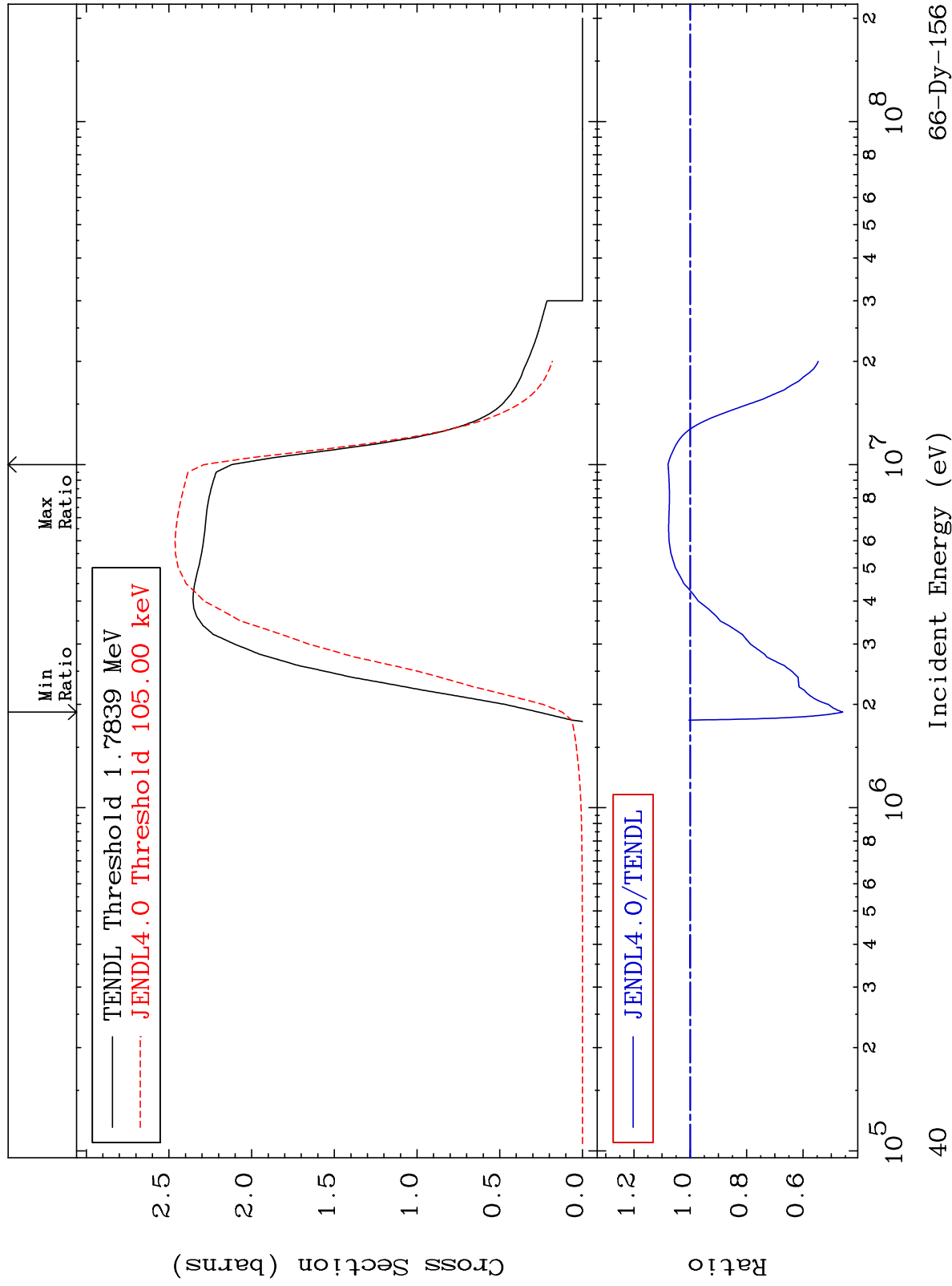
66-Dy-156
-97.92 To 9999. %



MAT 6625

(n, n') Continuum
Cross Section

66-Dy-156
-54.11 To 7.887 %



66-Dy-156

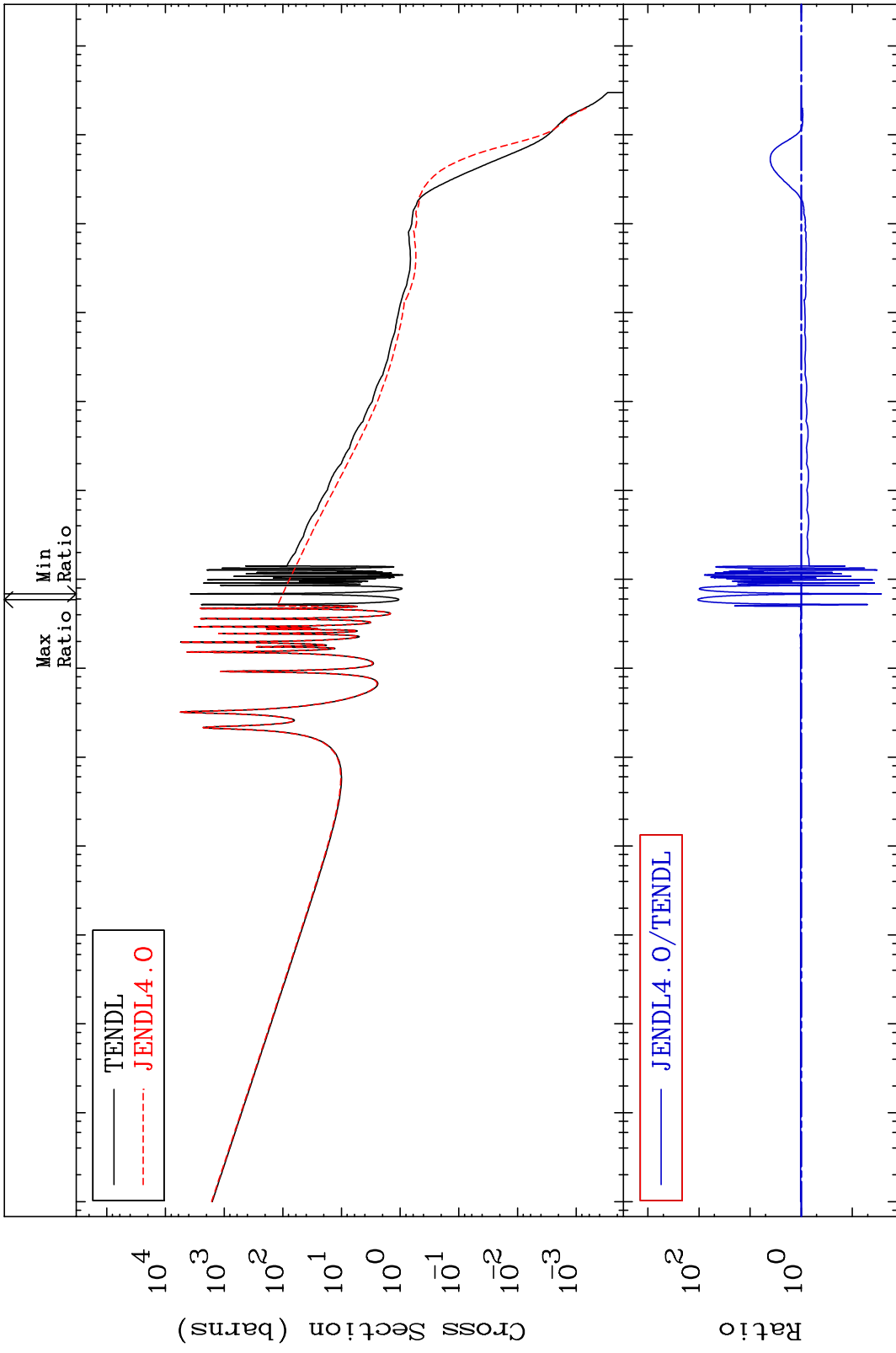
Incident Energy (eV)

40

MAT 6625

(n, γ)
Cross Section

66-Dy-156
-97.32 To 9999. %



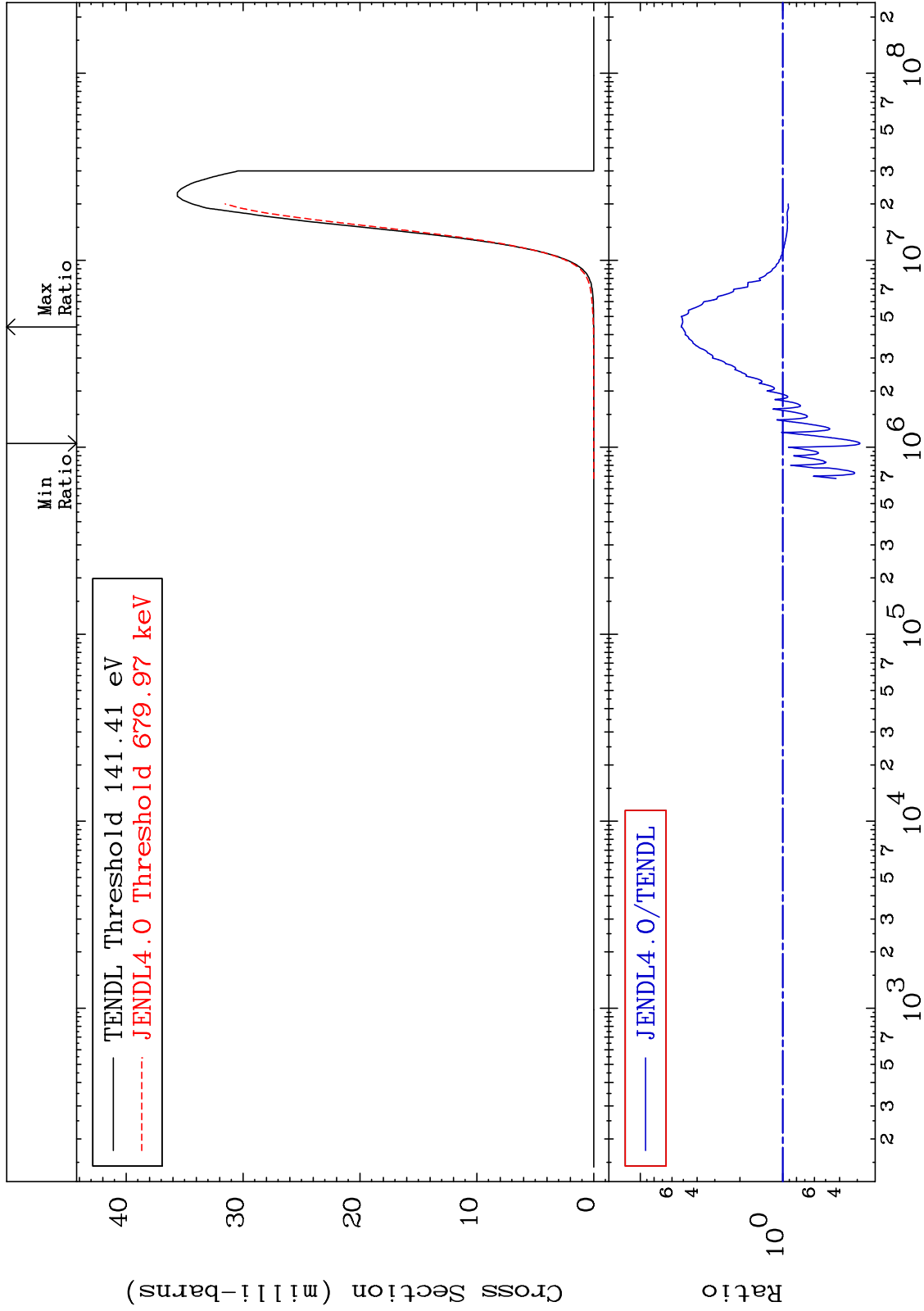
MAT 6625

(n, p)

66-Dy-156

Cross Section

-71.26 To 416.6 %



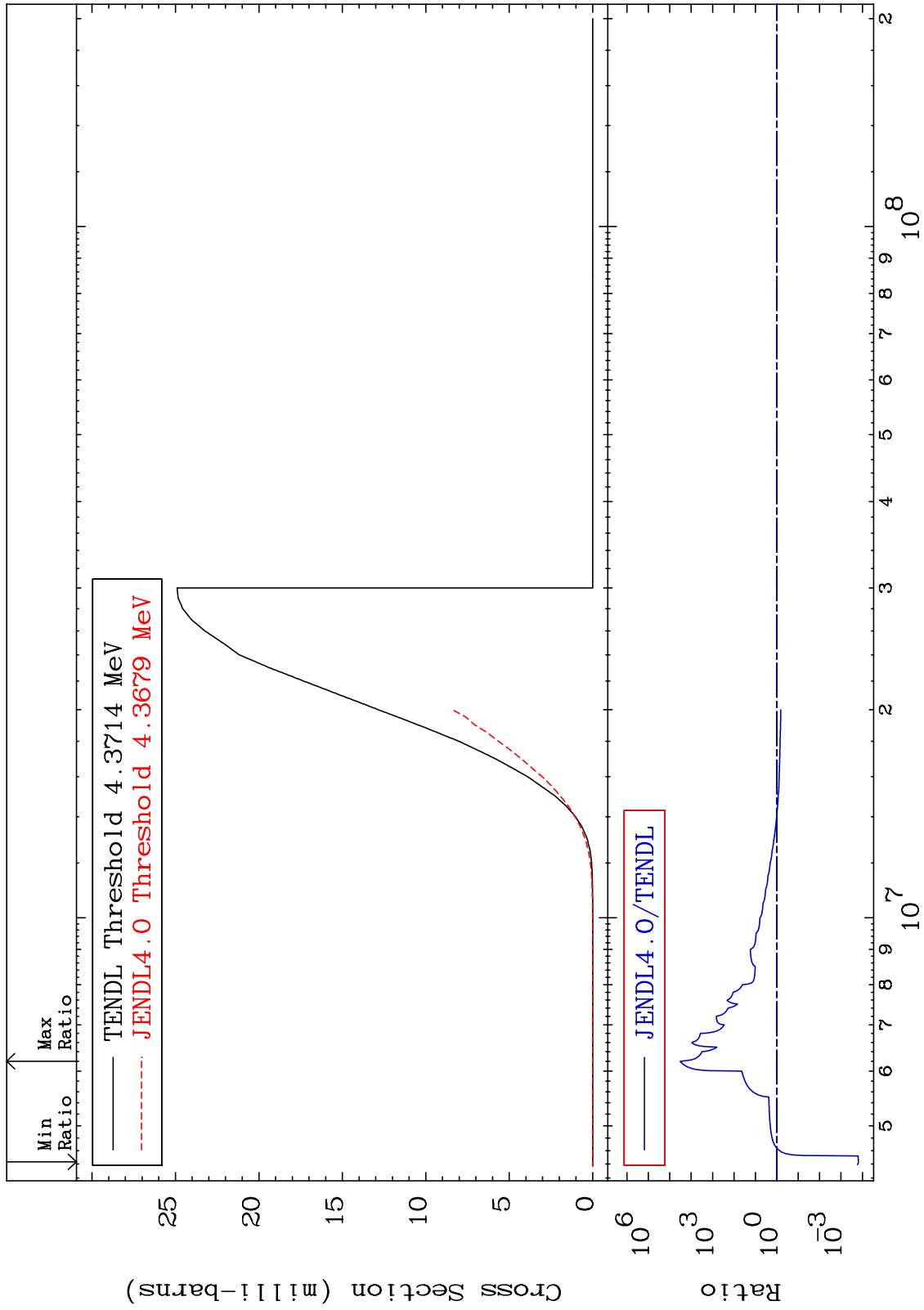
MAT 6625

(n, d)

66-Dy-156

Cross Section

-99.98 To 9999. %



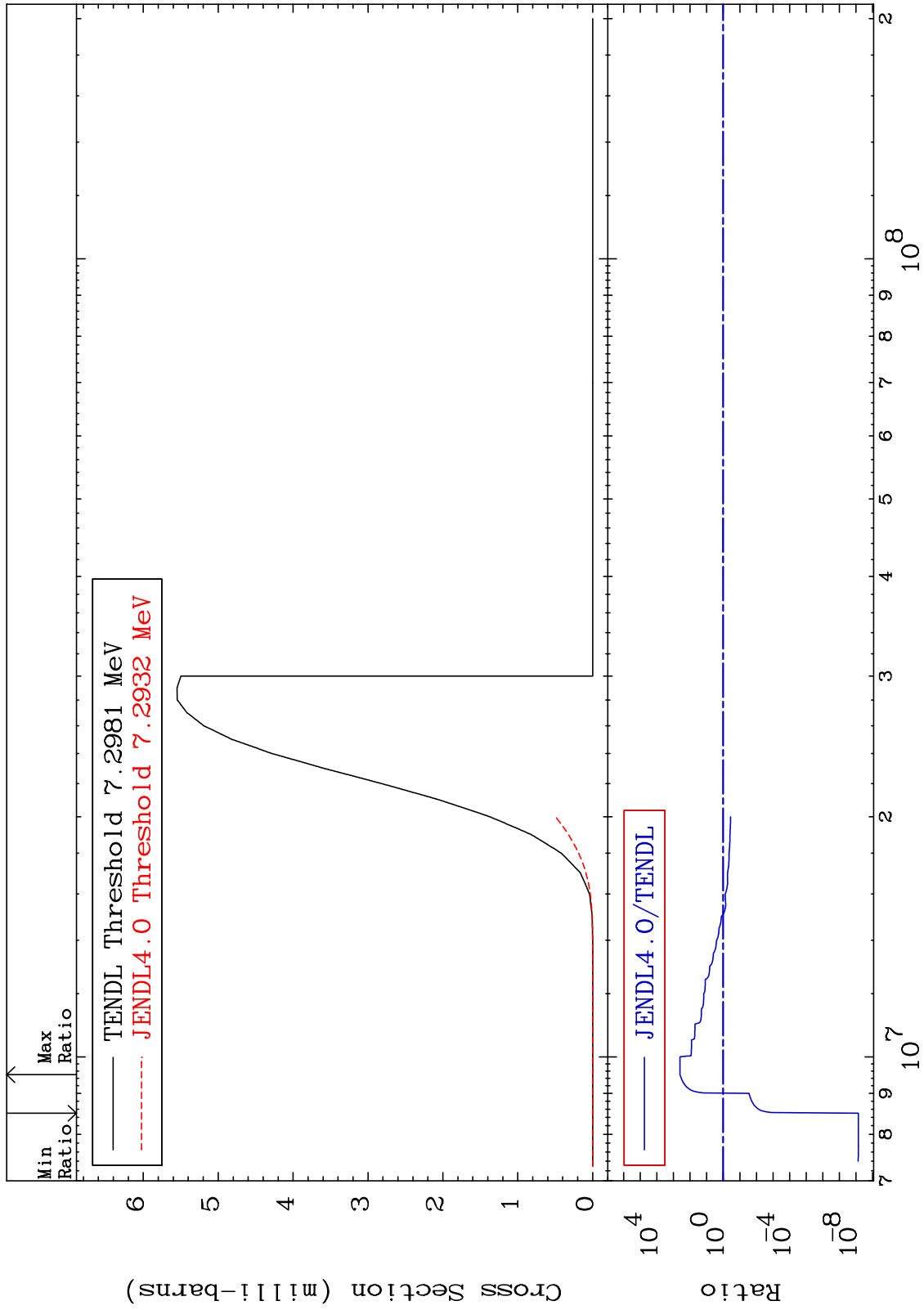
MAT 6625

(n, t)

66-Dy-156

Cross Section

-100.0 To 9999. %



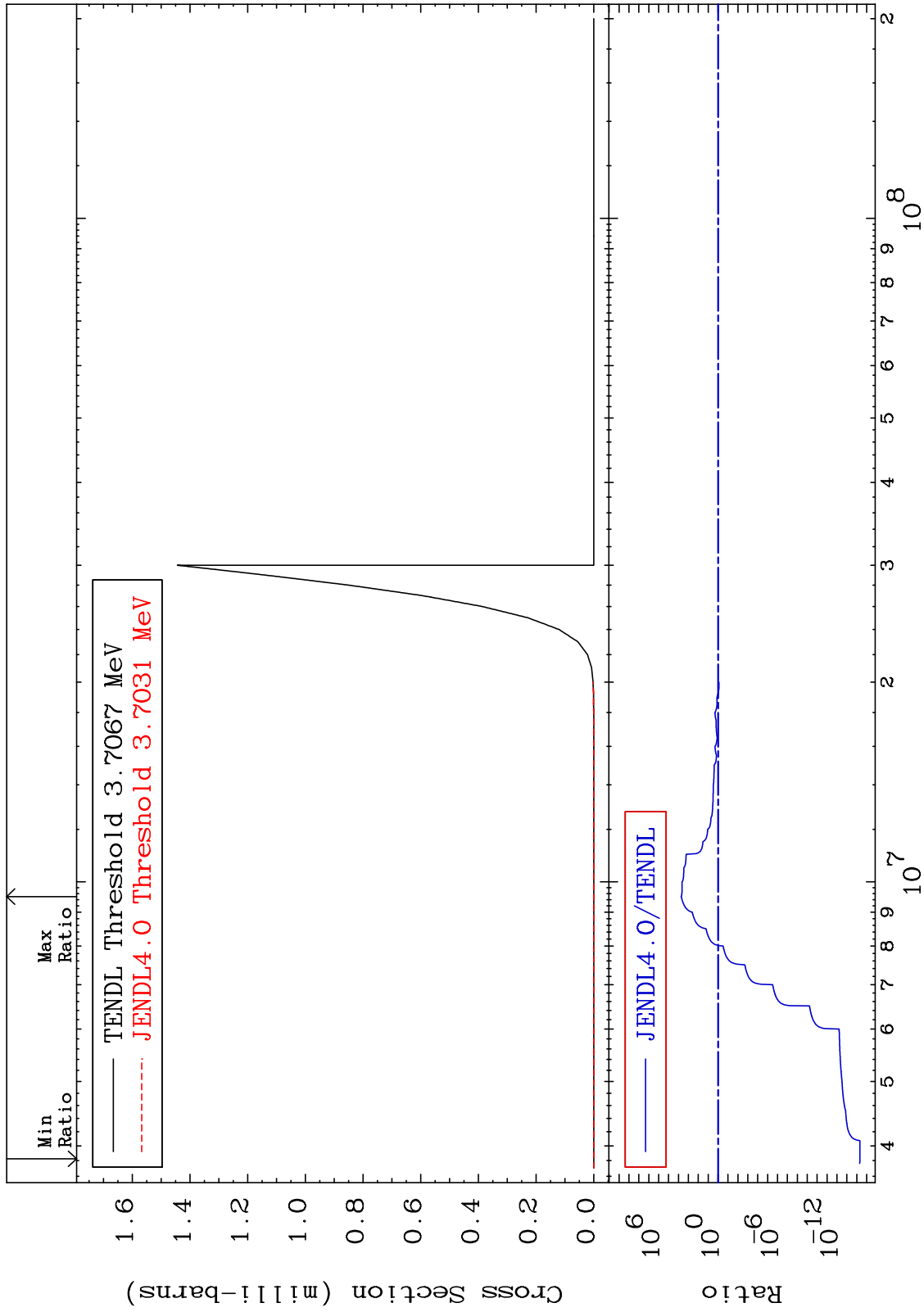
MAT 6625

(n, He-3)

66-Dy-156

Cross Section

-100.0 To 9999. %



45

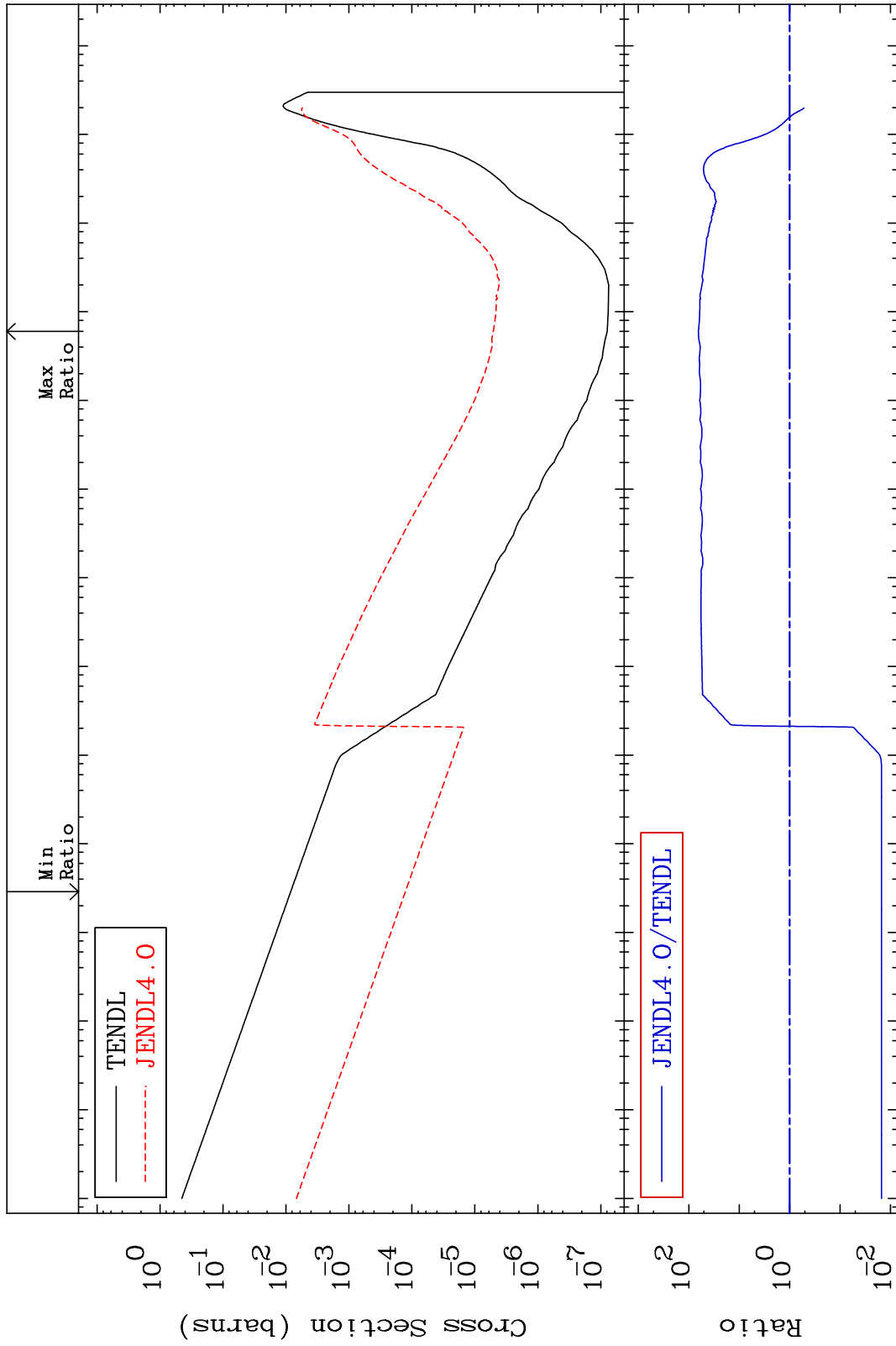
Incident Energy (eV)

66-Dy-156

MAT 6625

(n, α)
Cross Section

66-Dy-156
-98.49 To 6364. %



Incident Energy (eV)

66-Dy-156

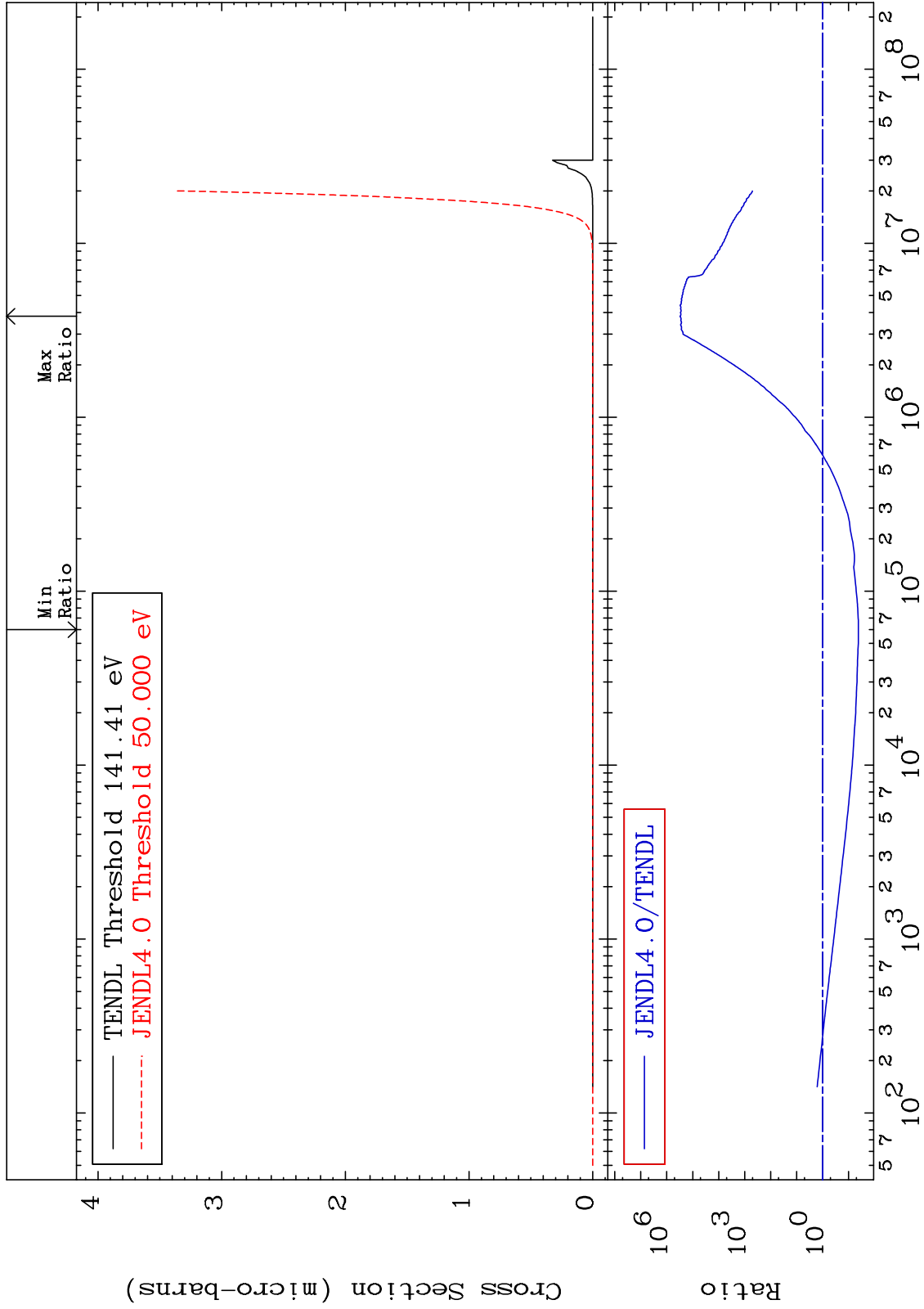
MAT 6625

(n, 2α)

66-Dy-156

Cross Section

-95.80 To 9999. %



47

Incident Energy (eV)

66-Dy-156

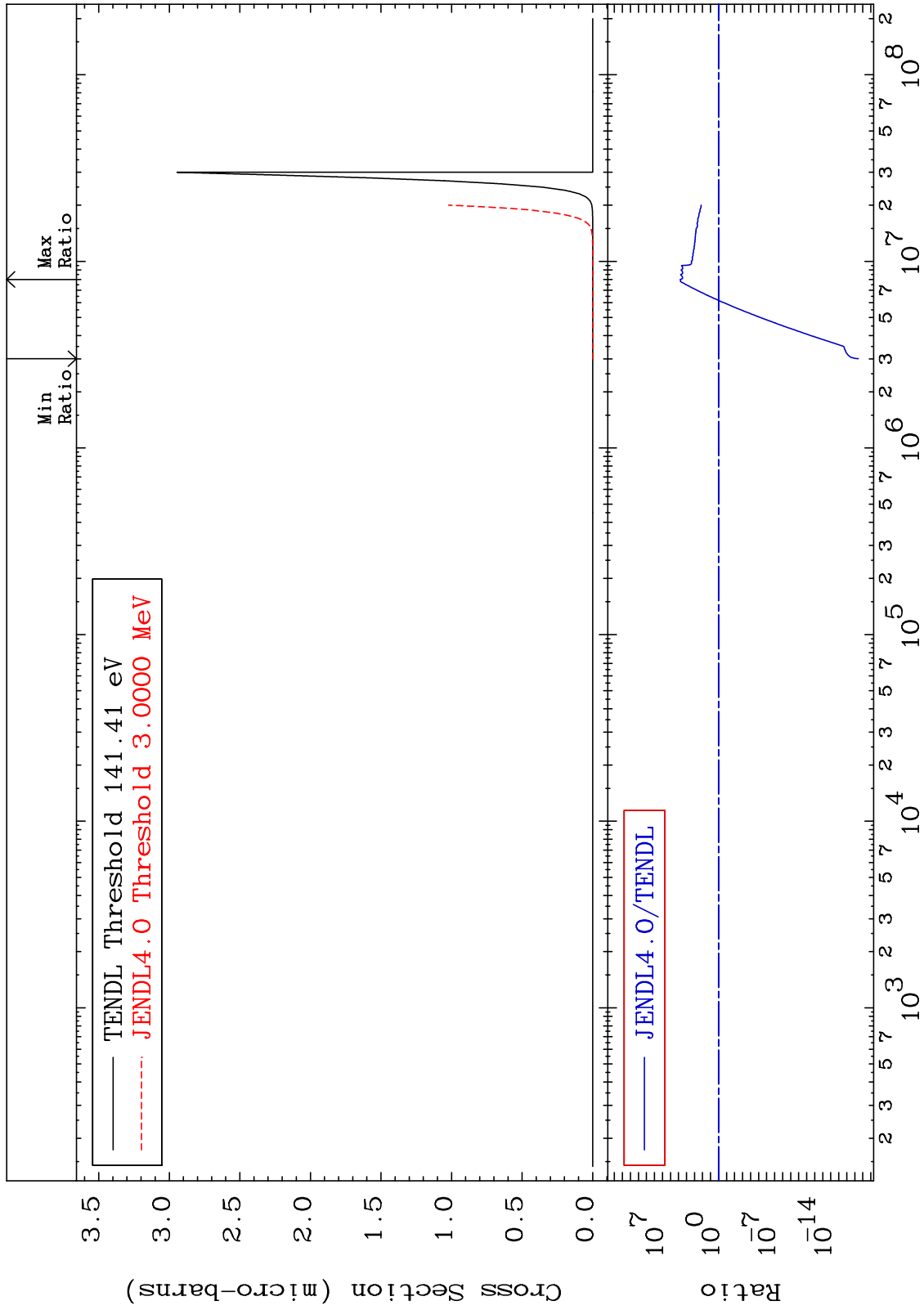
MAT 6625

(n,p) α

66-Dy-156

Cross Section

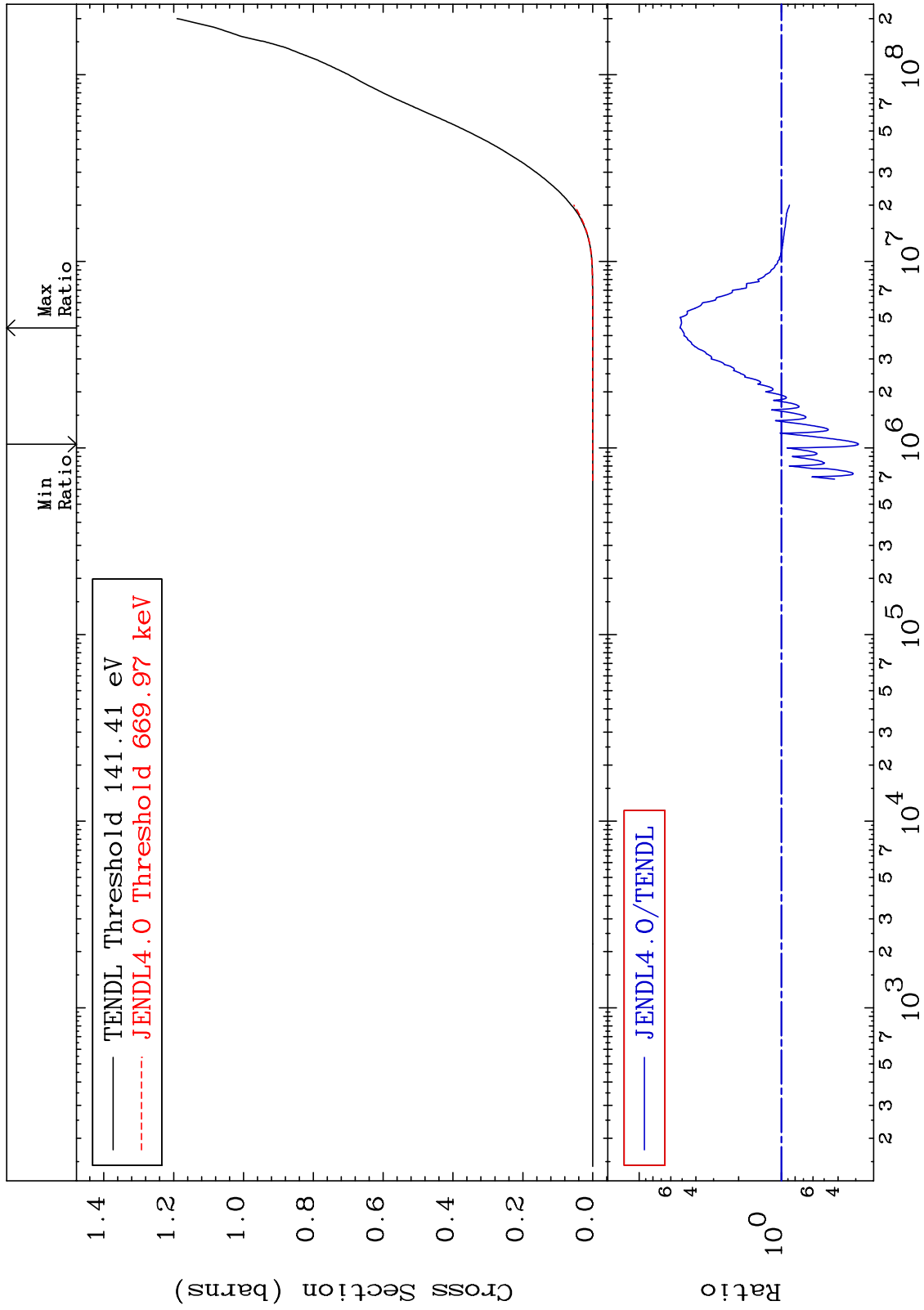
-100.0 To 9999. %



MAT 6625

Hydrogen Production Cross Section

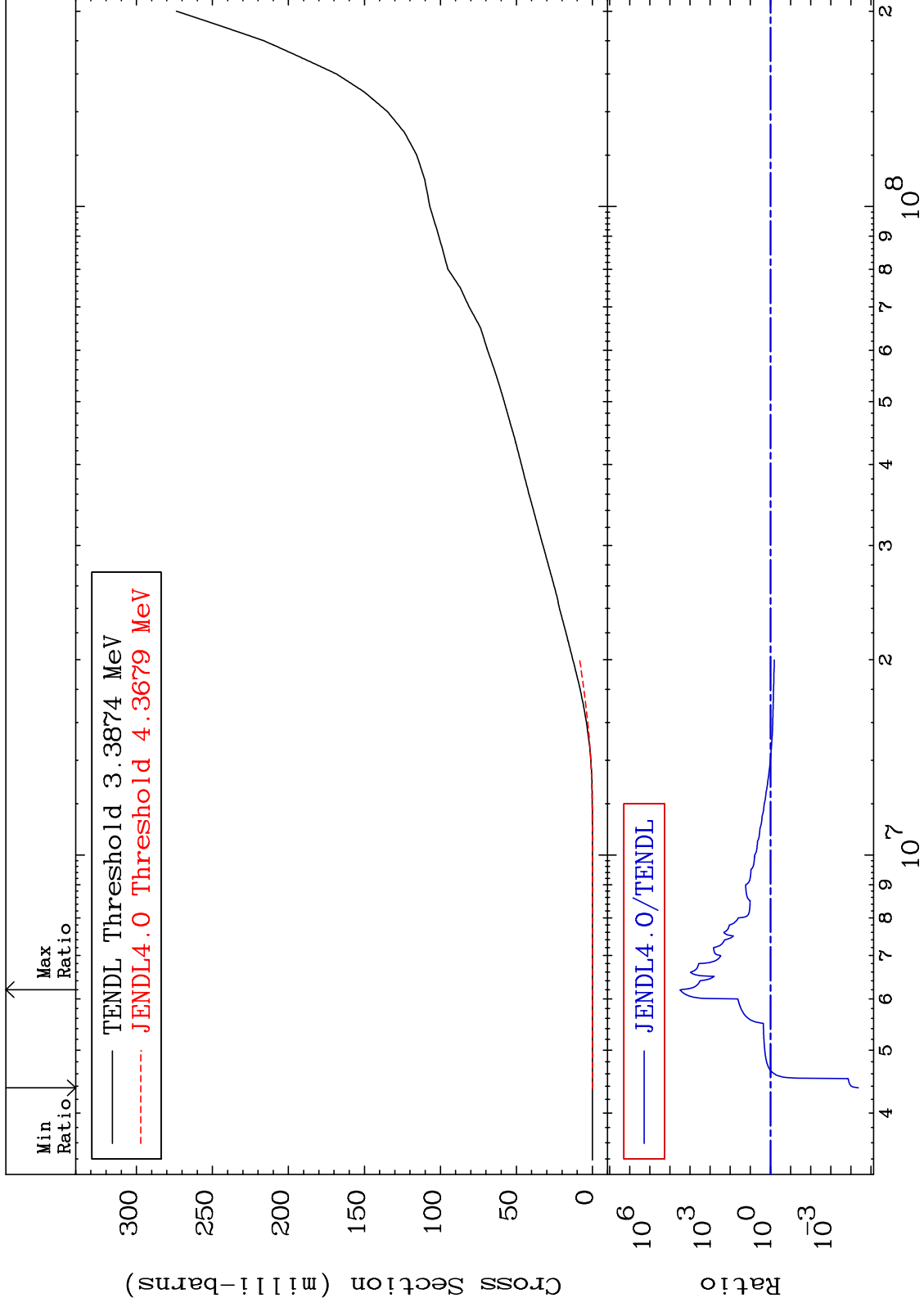
66-Dy-156
-71.26 To 416.6 %



MAT 6625

Deuterium Production
Cross Section

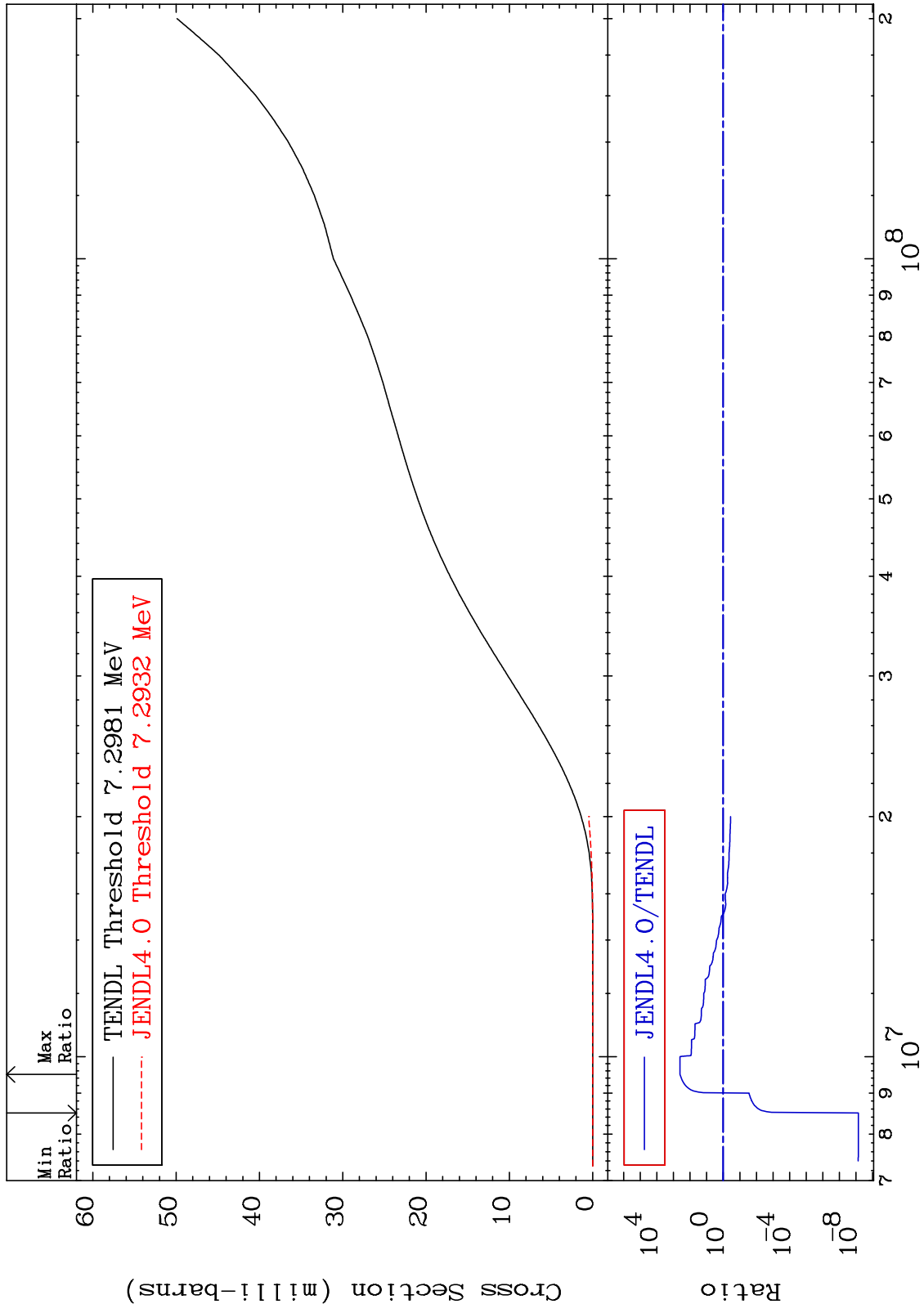
66-Dy-156
-100.0 To 9999. %



MAT 6625

Tritium Production
Cross Section

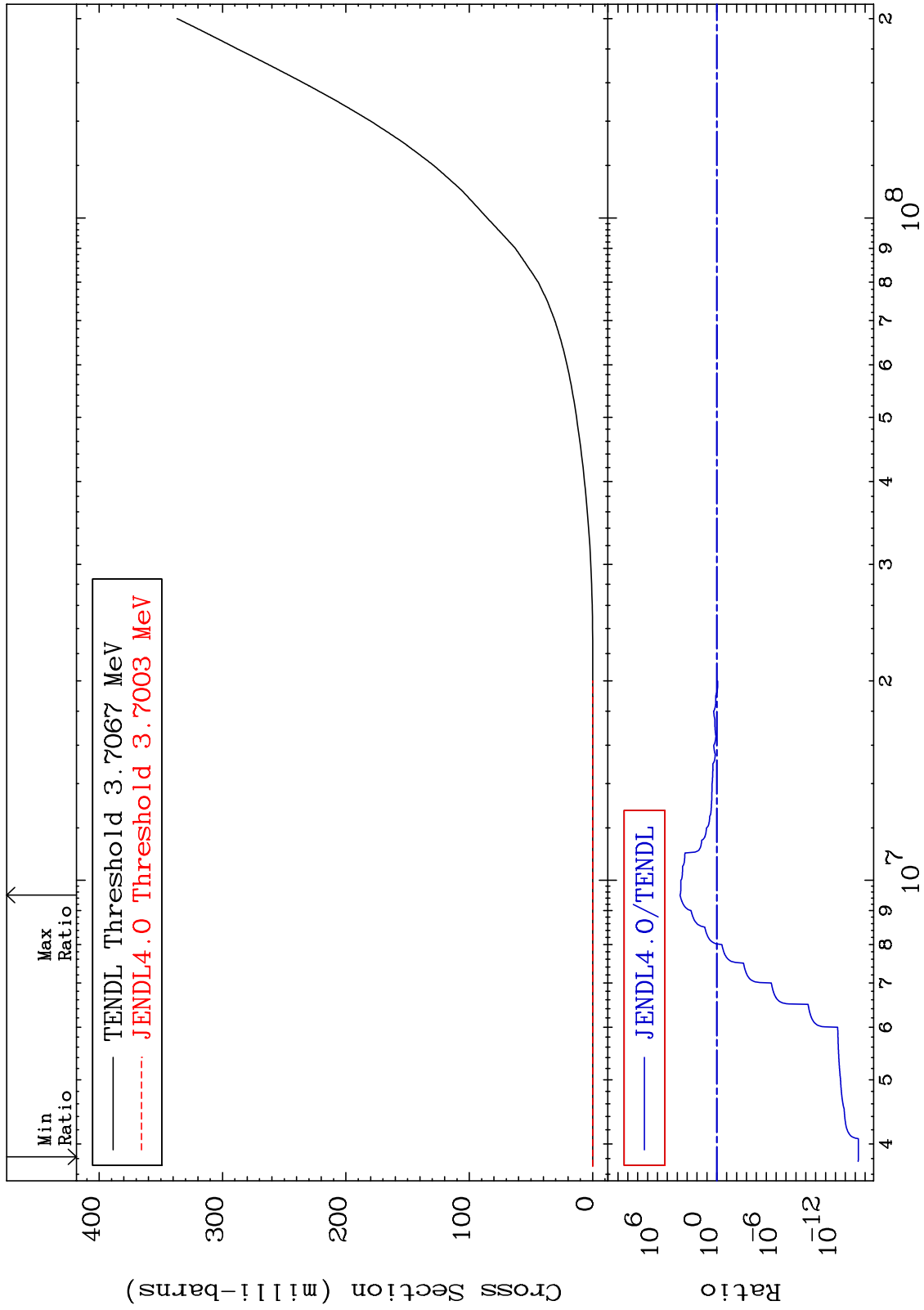
66-Dy-156
-100.0 To 9999. %



MAT 6625

He-3 Production
Cross Section

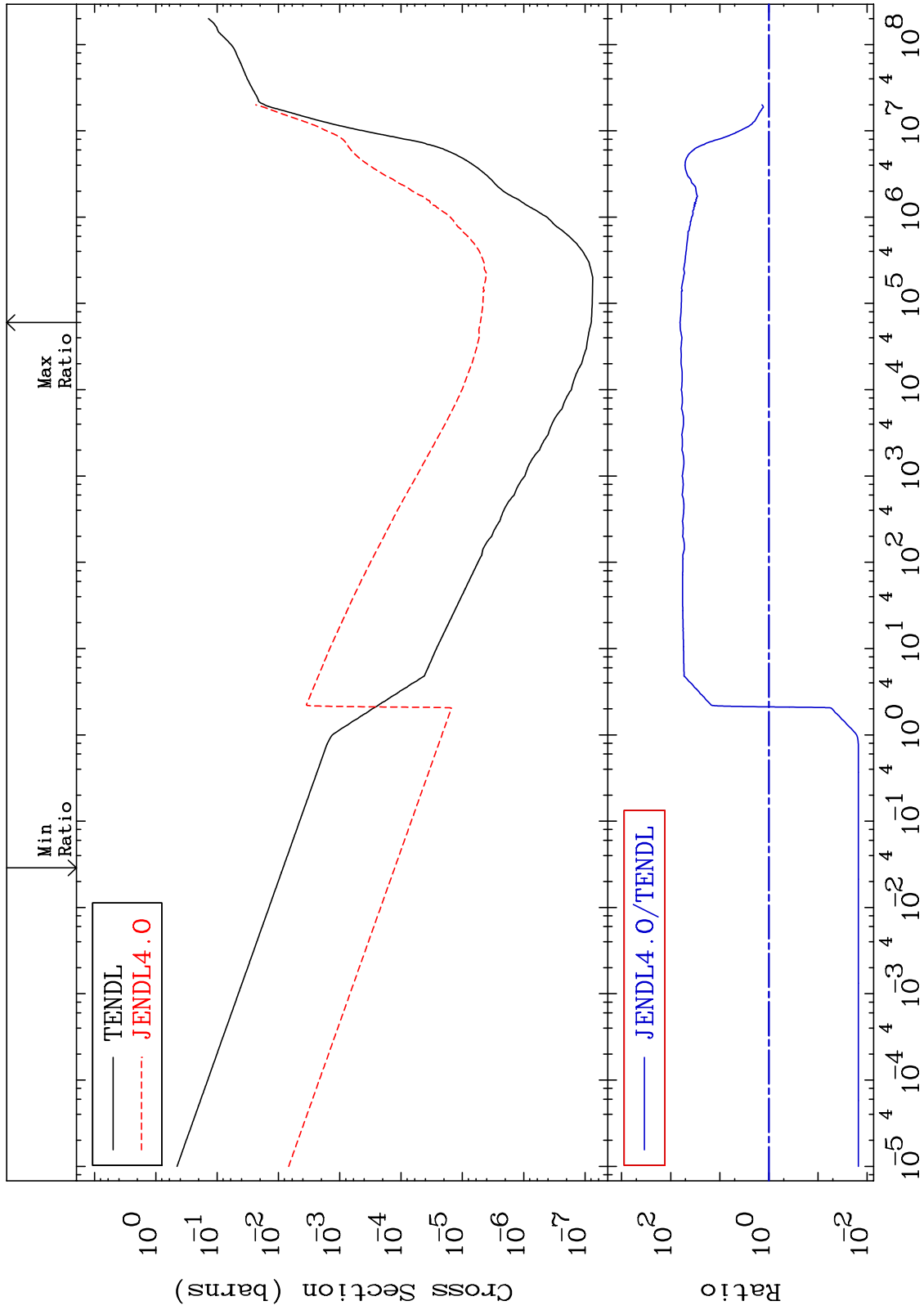
66-Dy-156
-100.0 To 9999. %



MAT 6625

He-4 Production
Cross Section

66-Dy-156
-98.49 To 6364. %



53

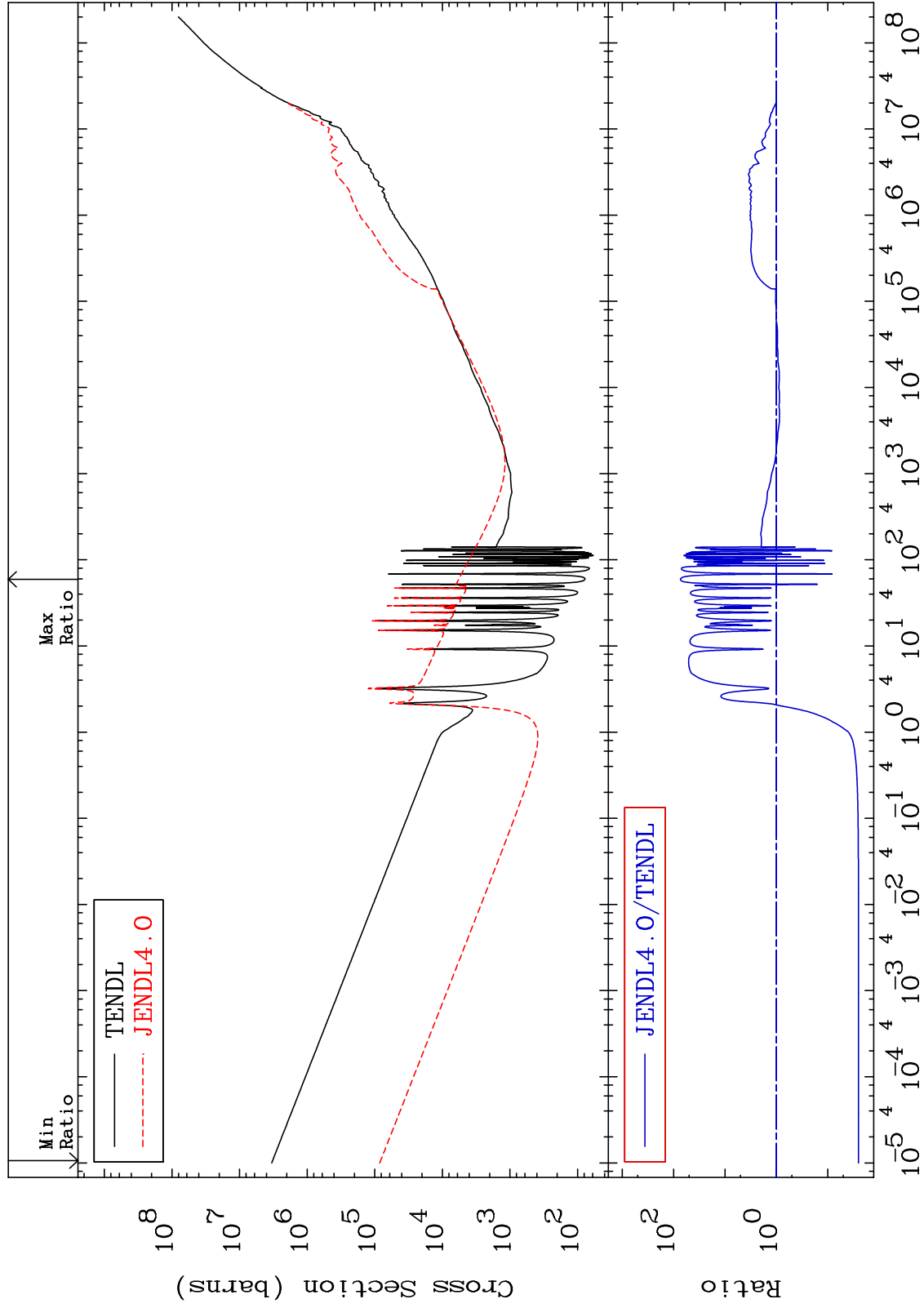
Incident Energy (eV)

66-Dy-156

MAT 6625

Kerma total (eV-barns)
Cross Section

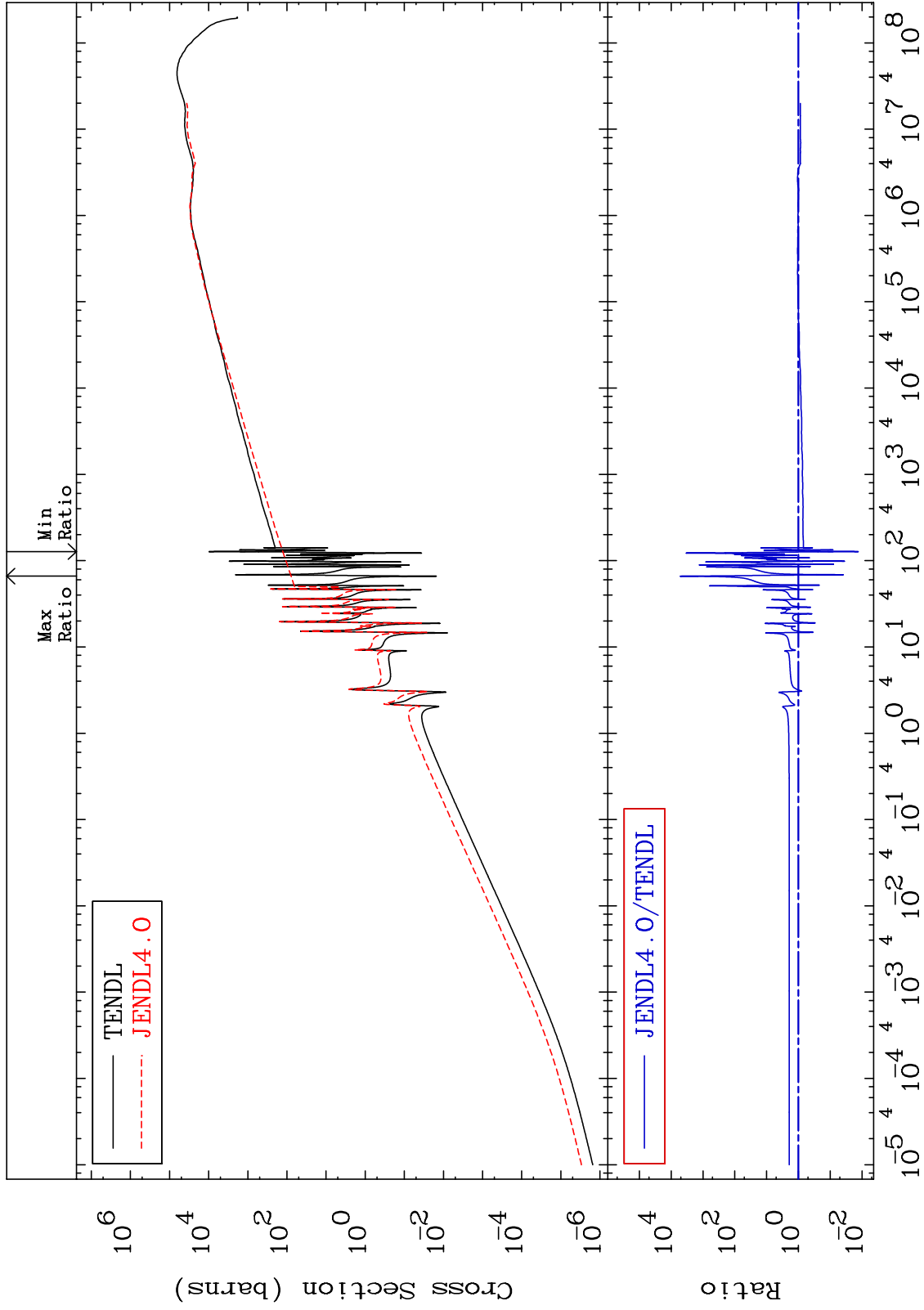
66-Dy-156
-97.48 To 7261. %



MAT 6625

Kerma elastic
Cross Section

66-Dy-156
-98.70 To 9999. %



55

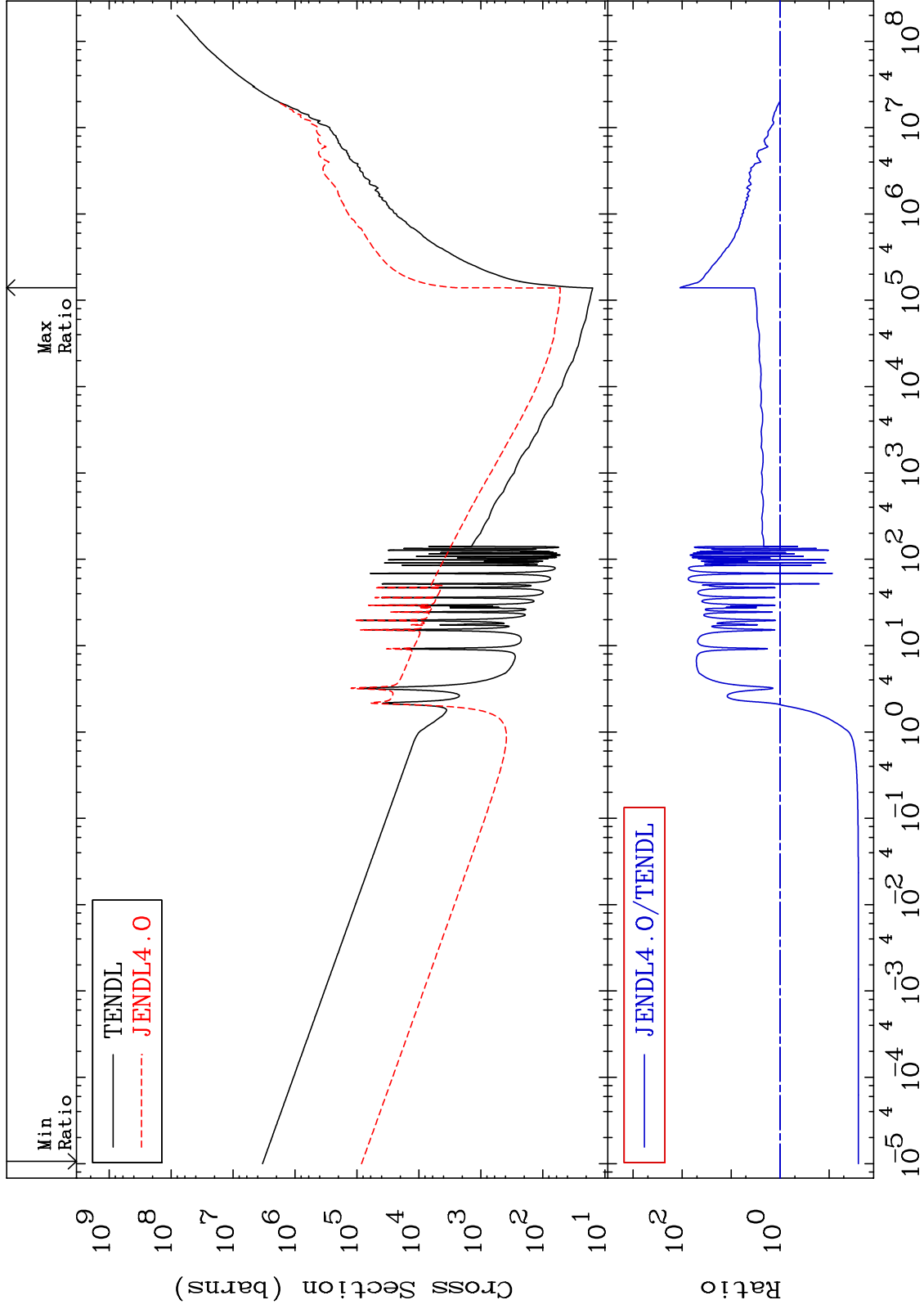
Incident Energy (eV)

66-Dy-156

MAT 6625

Kerma non-elastic (all but mt2)
Cross Section

66-Dy-156
-97.48 To 9999. %



56

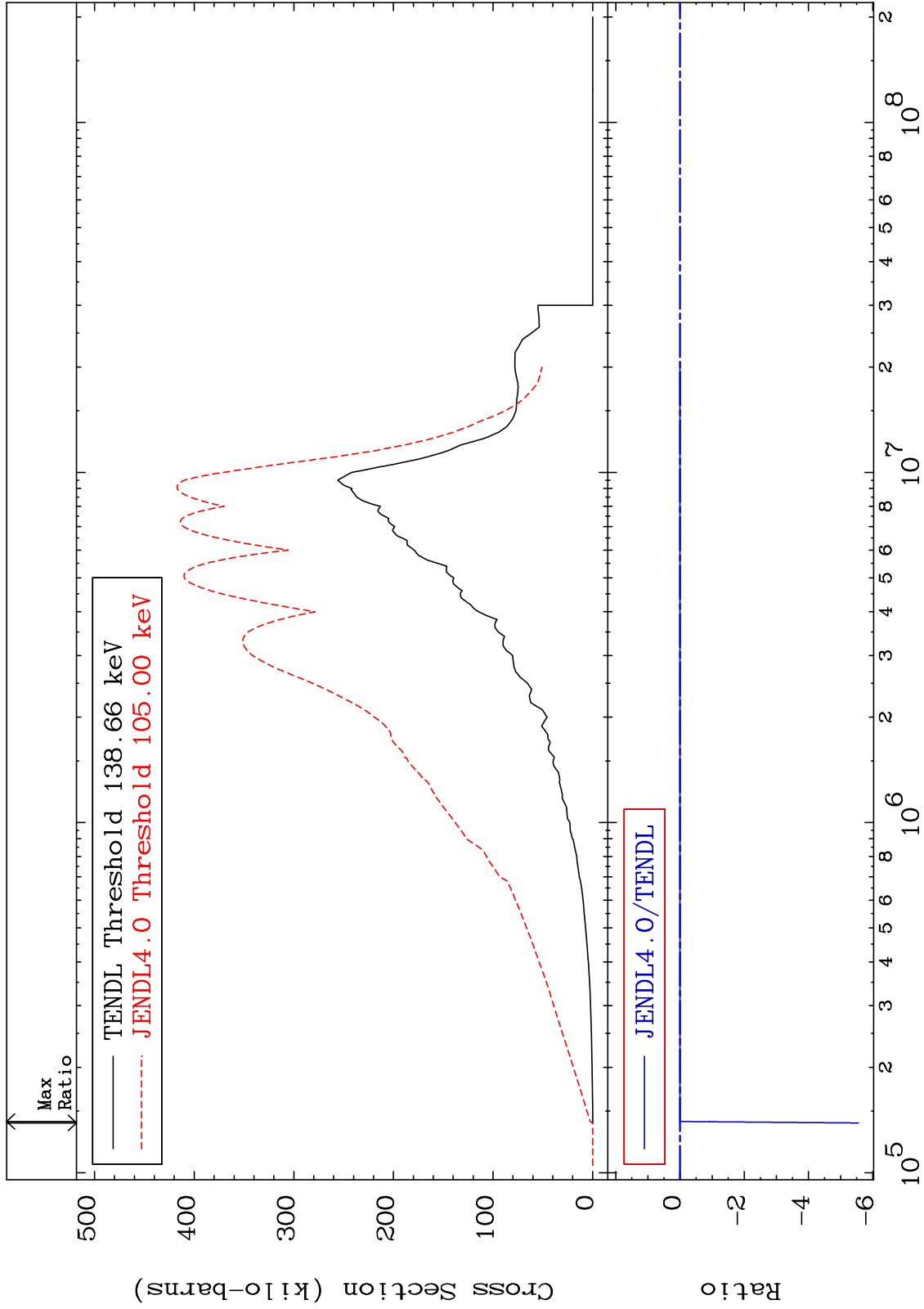
Incident Energy (eV)

66-Dy-156

MAT 6625

Kerma inelastic (mt51-91)
Cross Section

66-Dy-156
-9999. To 9999. %



57

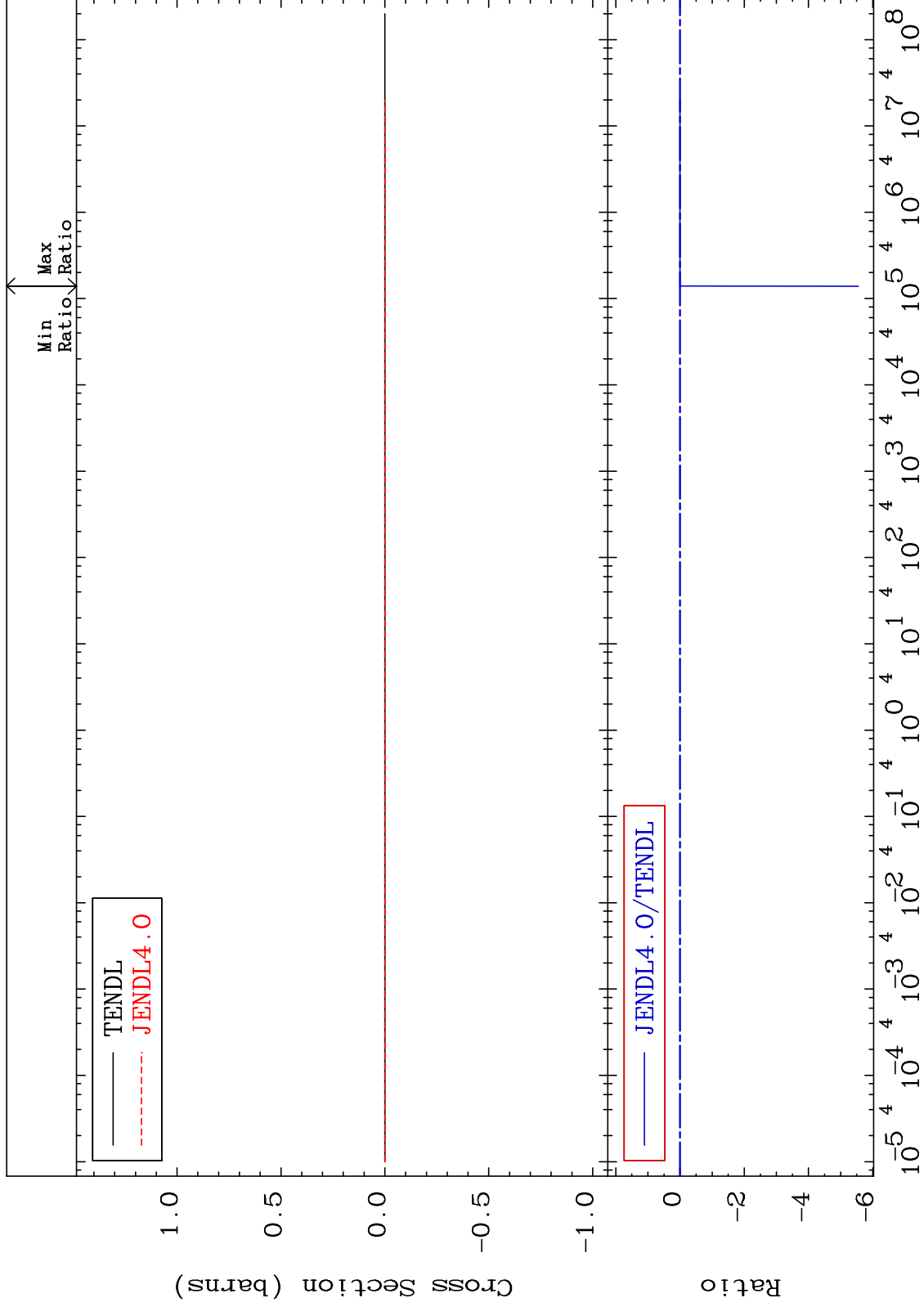
66-Dy-156

66-Dy-156

MAT 6625

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

66-Dy-156
-9999. To 9999. %



58

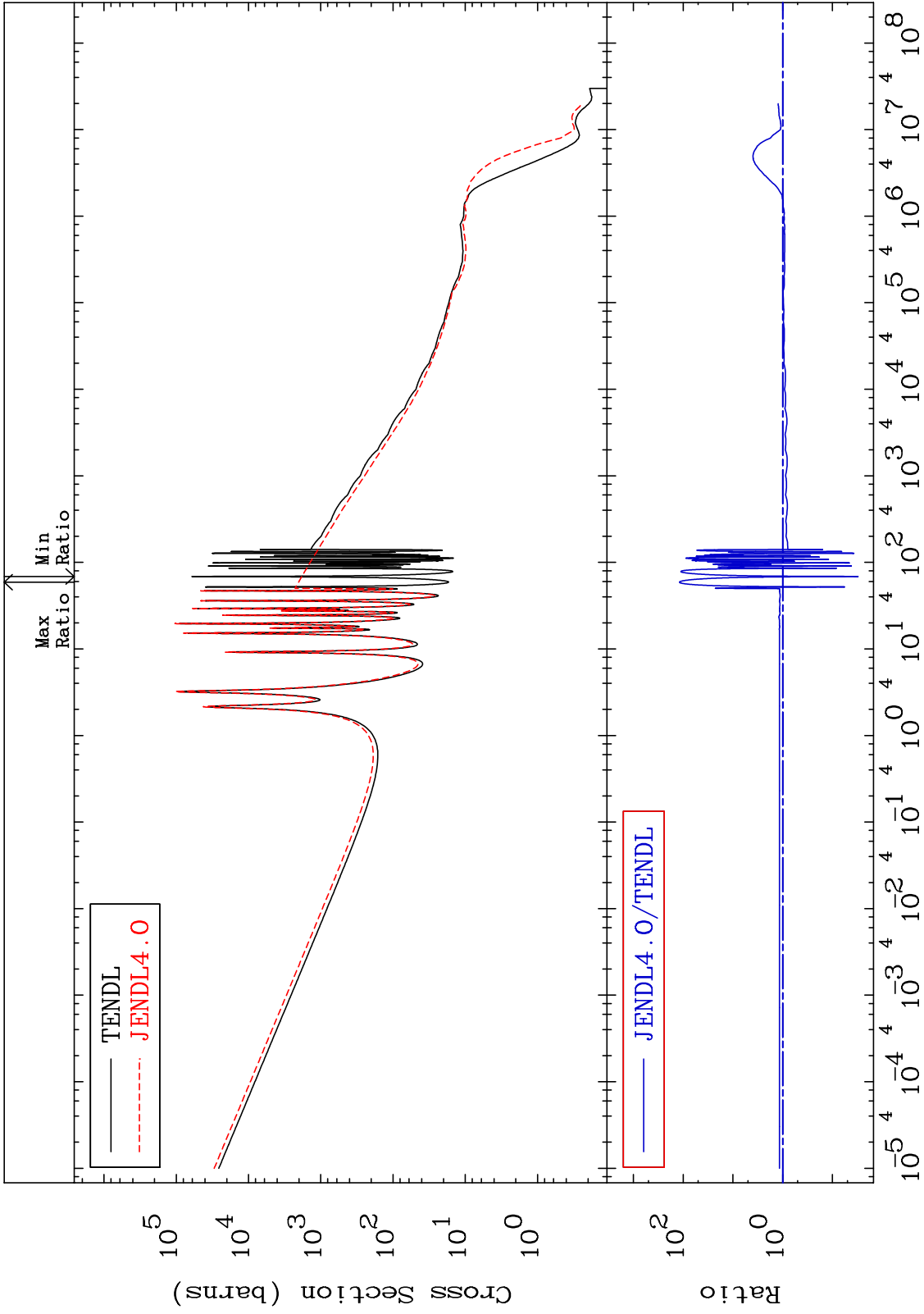
Incident Energy (eV)

66-Dy-156

MAT 6625

Kerma capture (mt102)
Cross Section

66-Dy-156
-96.97 To 9999. %



59

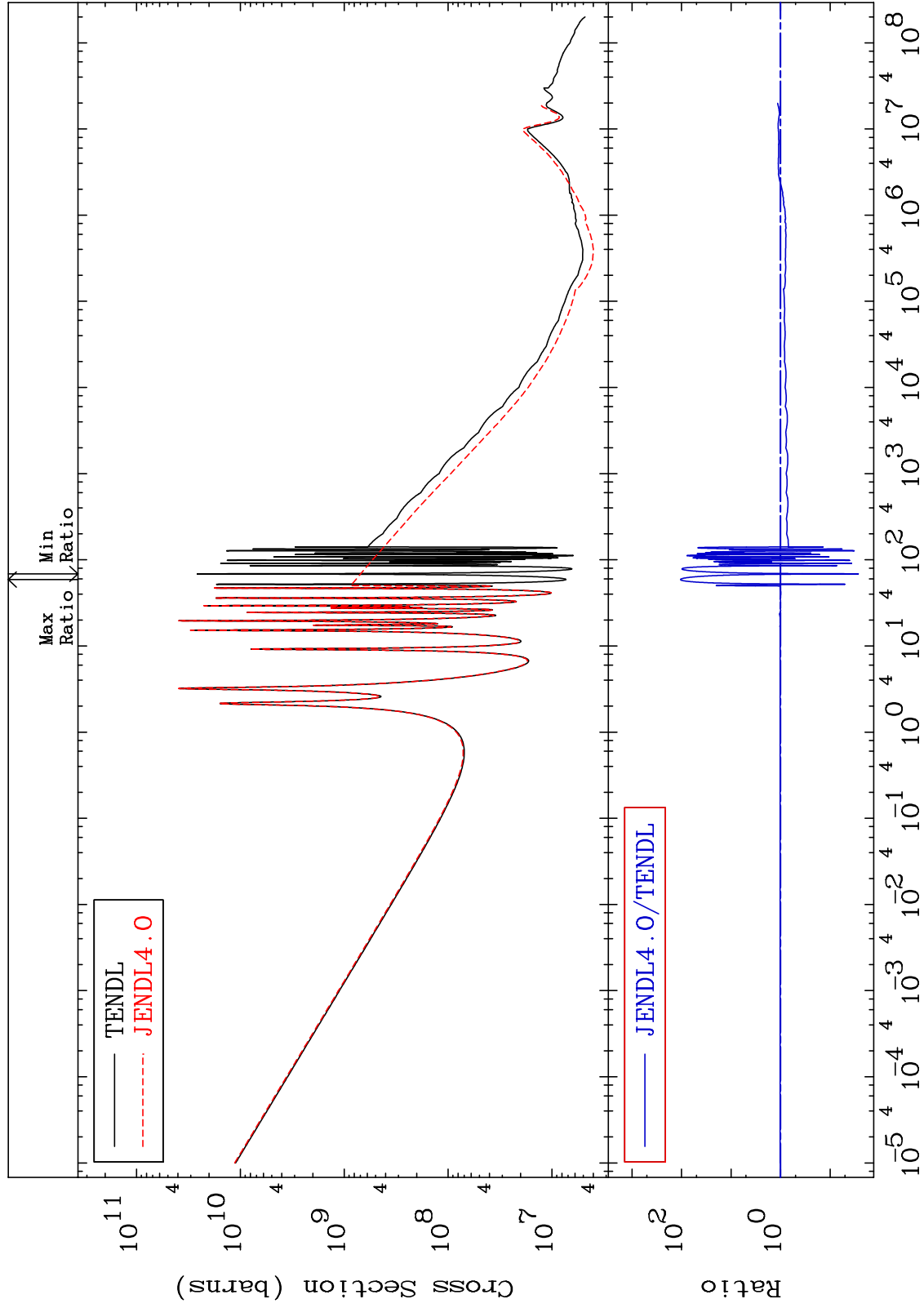
Incident Energy (eV)

66-Dy-156

MAT 6625

Total photon (eV-barns)
Cross Section

66-Dy-156
-97.33 To 9999. %



60

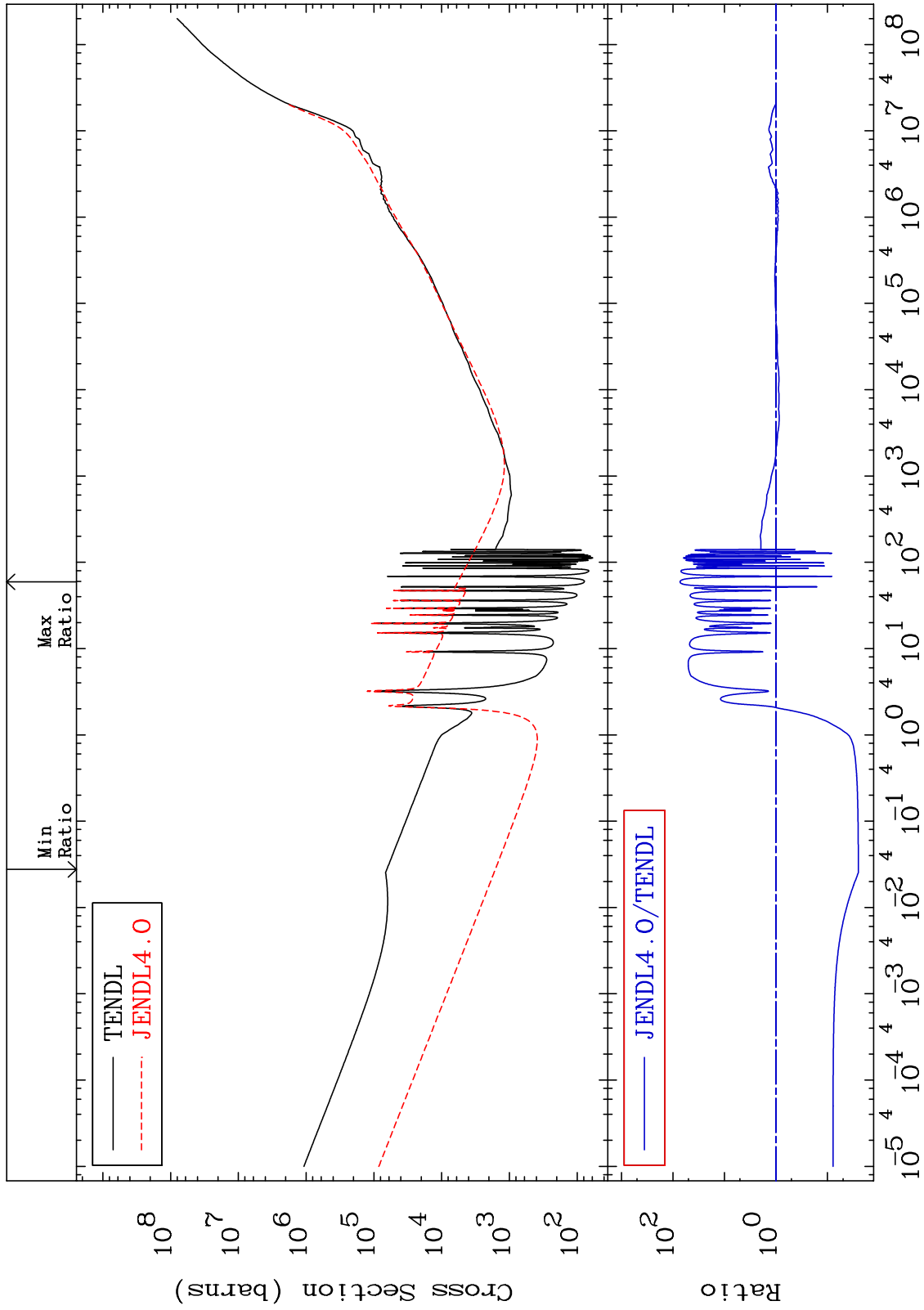
Incident Energy (eV)

66-Dy-156

MAT 6625

Total kinematic kerma (high limit)
Cross Section

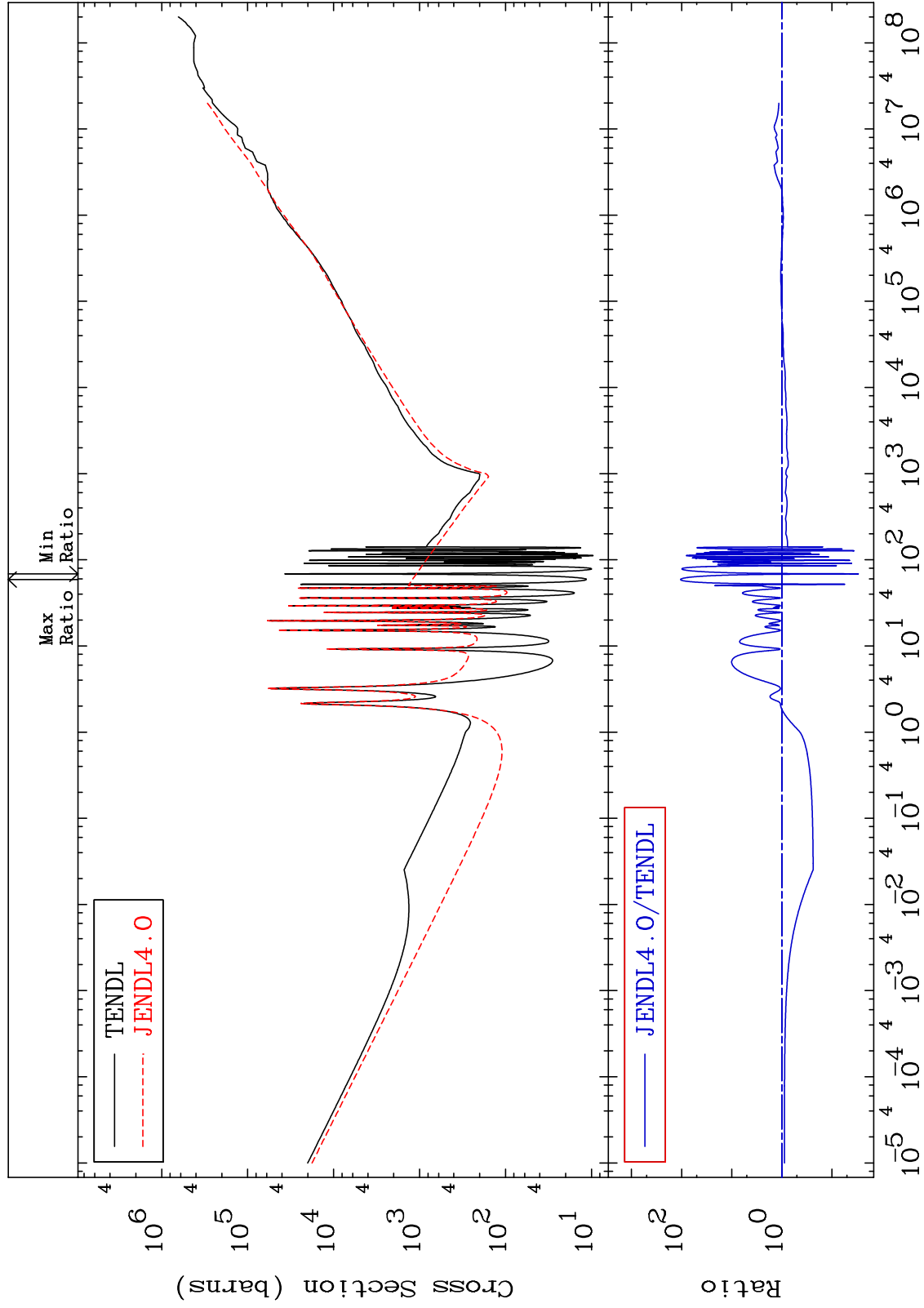
66-Dy-156
-97.49 To 7212. %



MAT 6625

Dpa total (eV-barns)

66-Dy-156
-97.05 To 9999. %



62

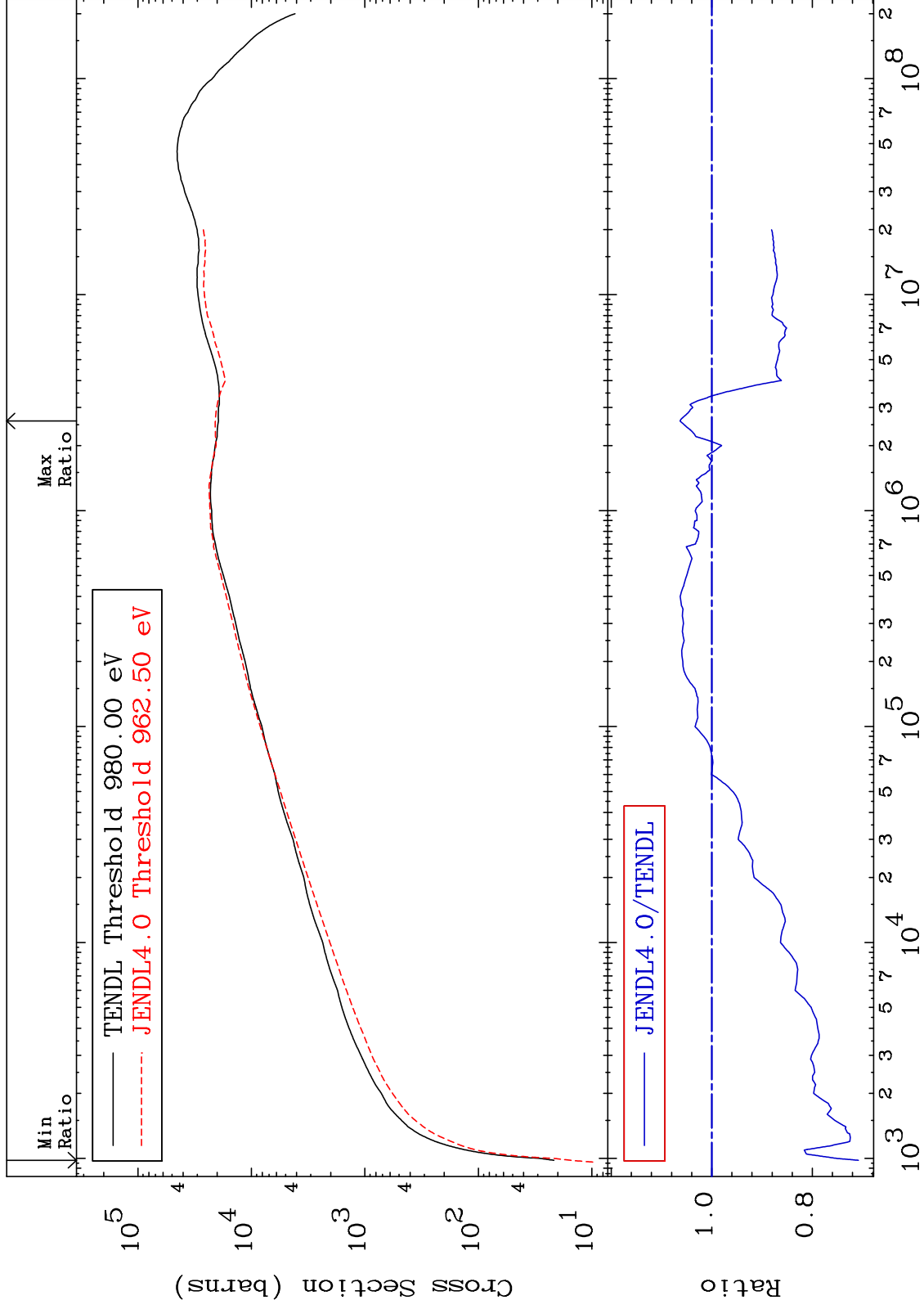
Incident Energy (eV)

66-Dy-156

MAT 6625

Dpa elastic (mt2)
Cross Section

66-Dy-156
-29.16 To 6.322 %



63

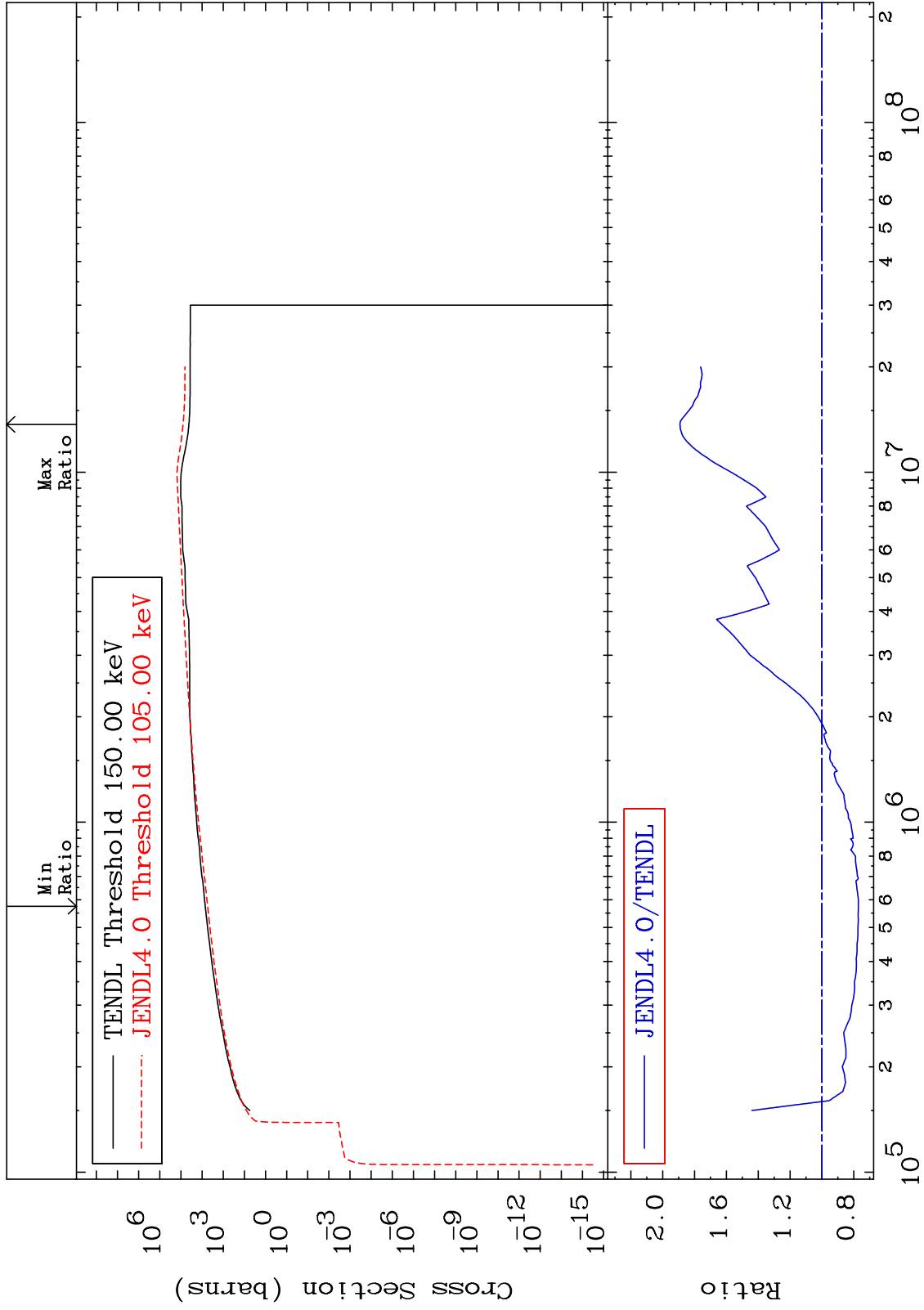
Incident Energy (eV)

66-Dy-156

MAT 6625

Dpa inelastic (mt51-91)
Cross Section

66-Dy-156
-22.94 To 89.16 %



64

Incident Energy (eV)

66-Dy-156

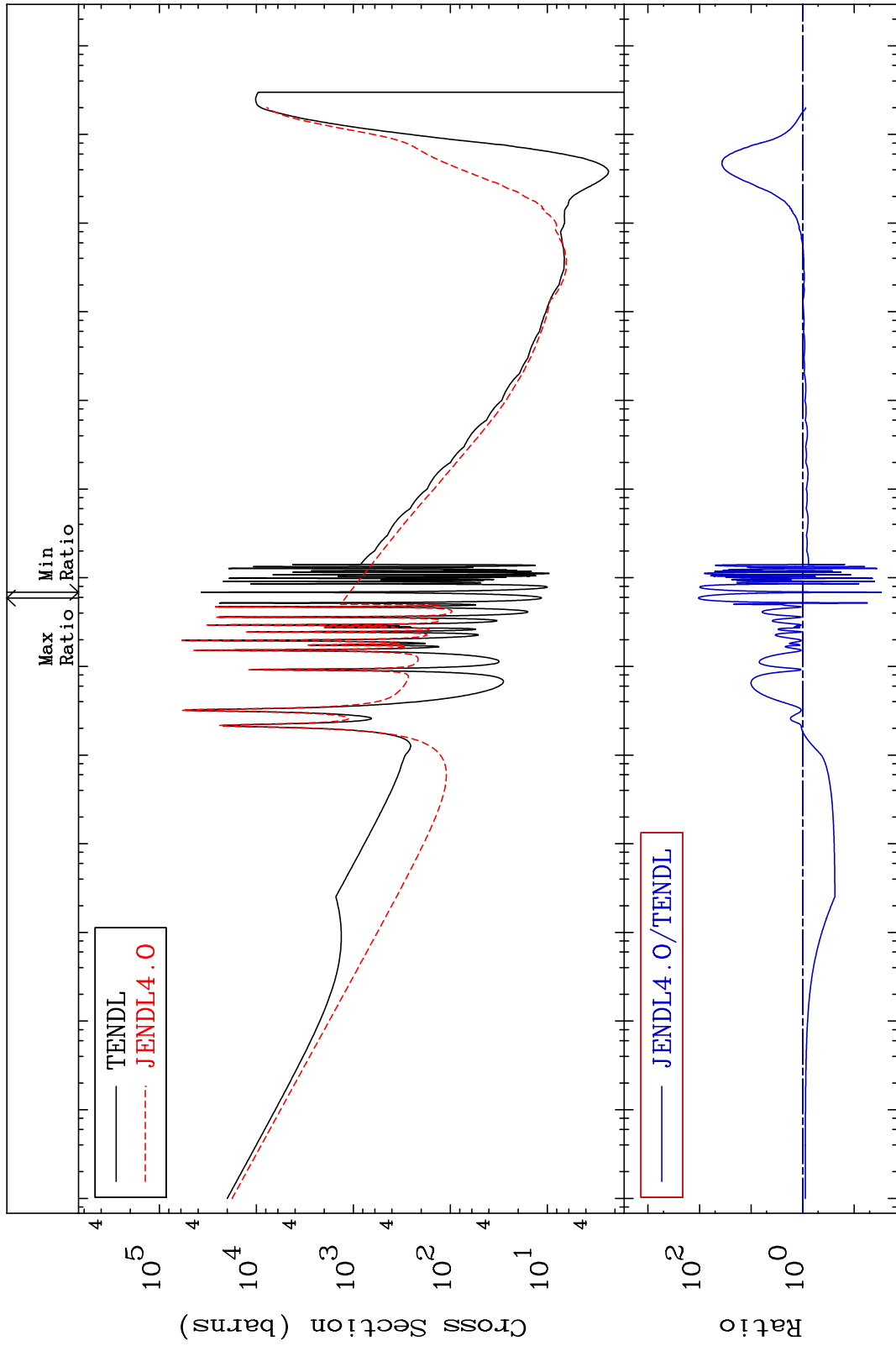
MAT 6625

Dpa disappearance (mt102 -120)

66-Dy-156

-97.05 To 9999. %

Cross Section



65

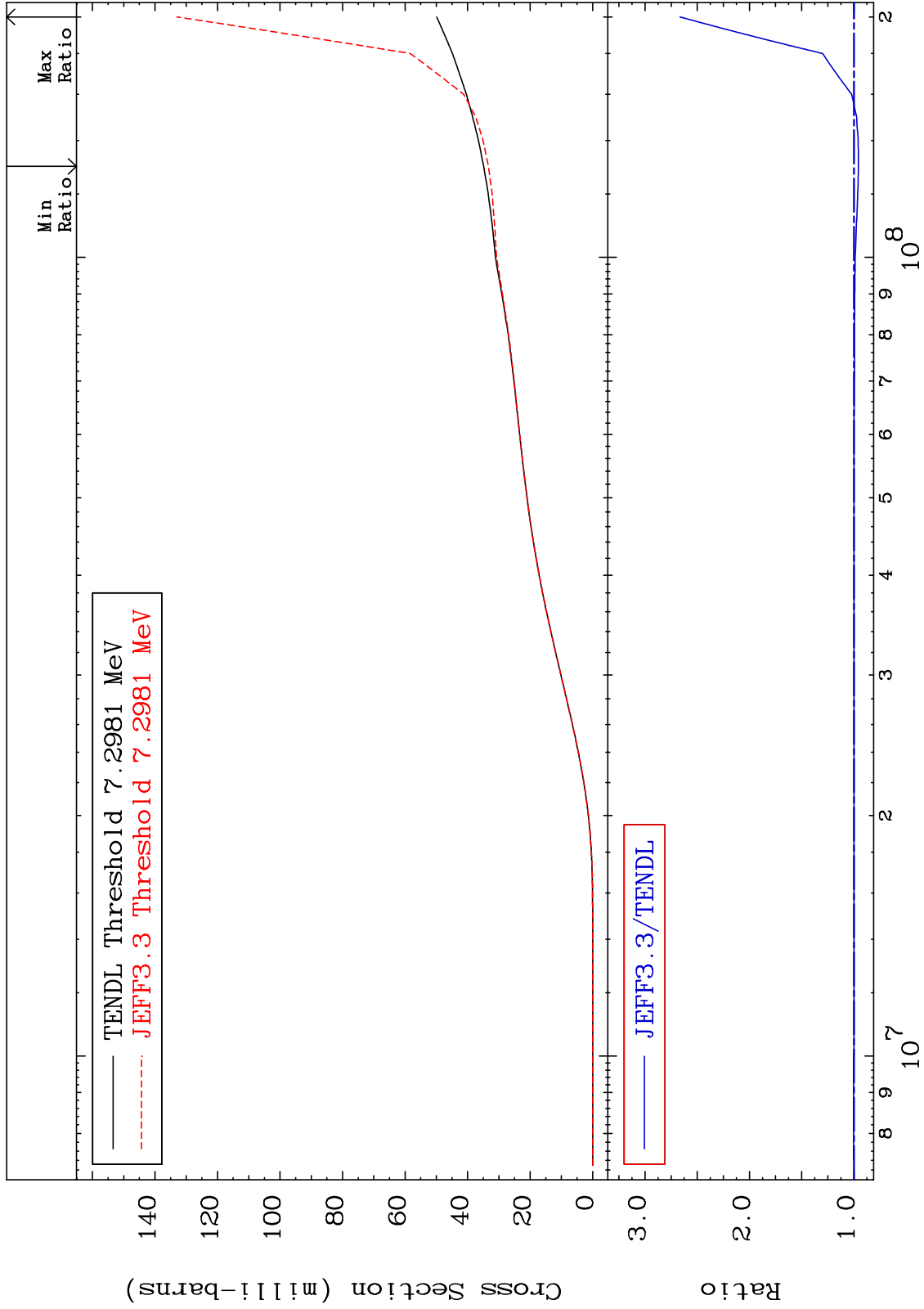
Incident Energy (eV)

66-Dy-156

MAT 6625

Tritium Production
Cross Section

66-Dy-156
-4.300 To 166.5 %



66

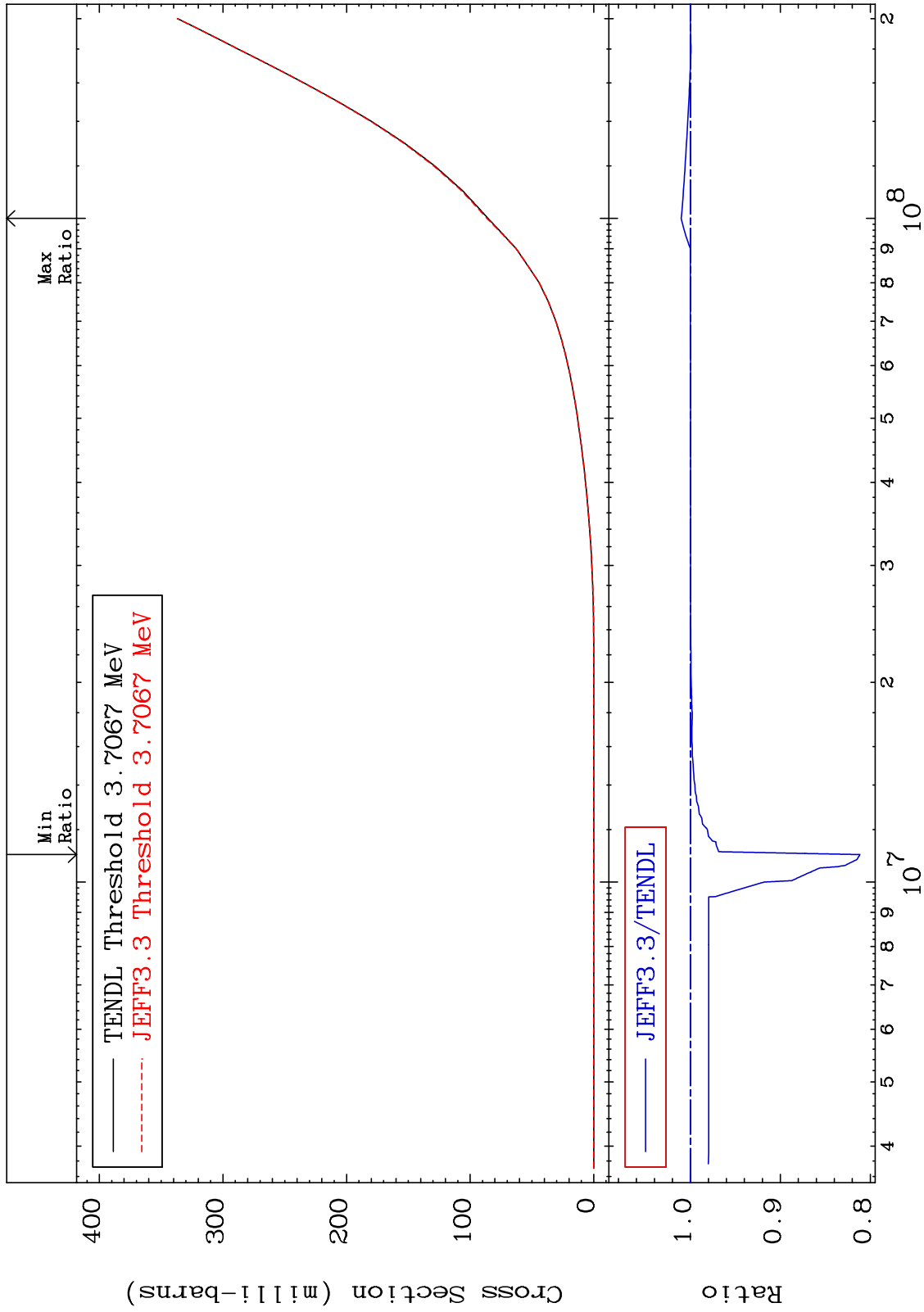
Incident Energy (eV)

66-Dy-156

MAT 6625

He-3 Production
Cross Section

66-Dy-156
-18.85 To 1.022 %



67

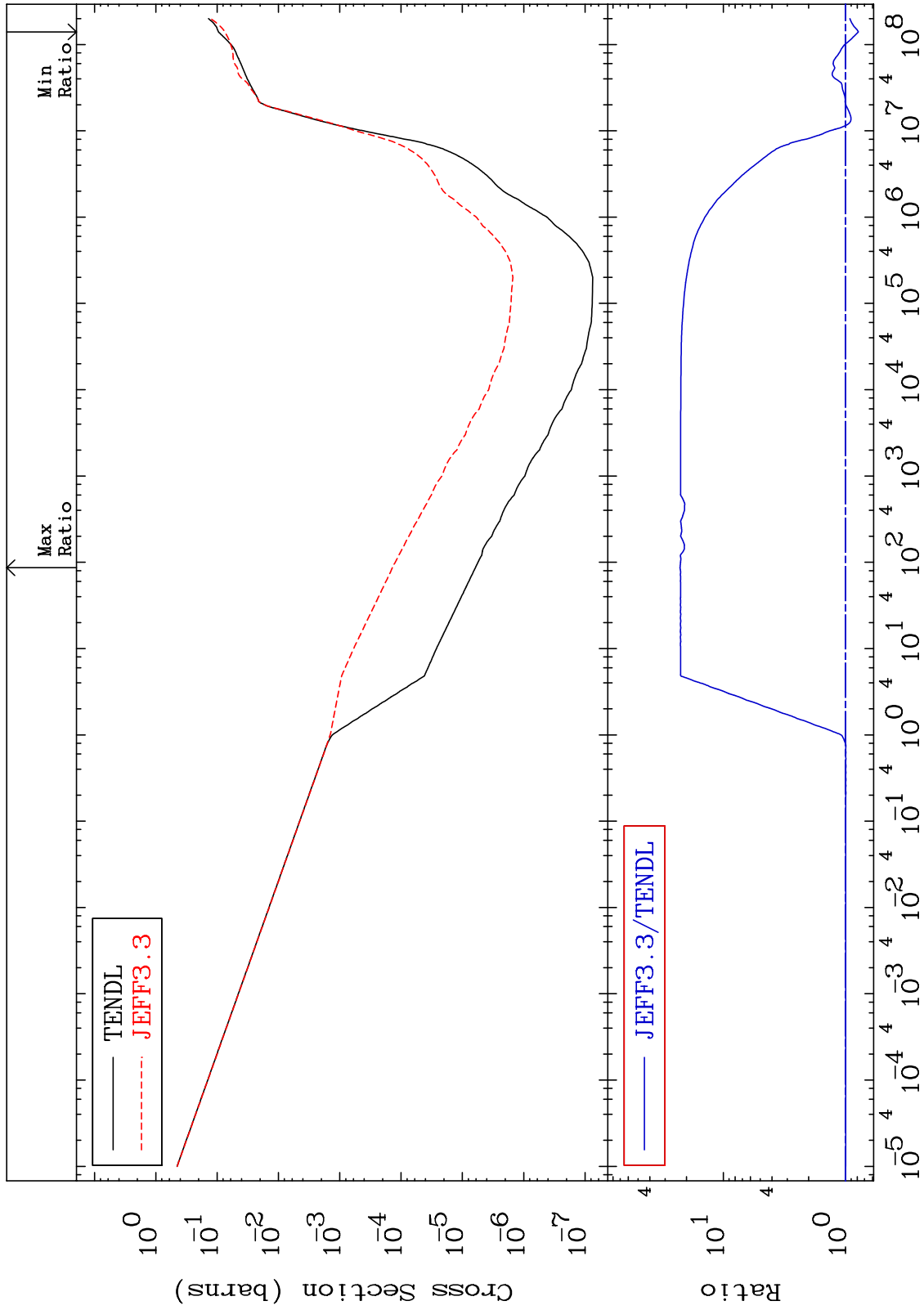
Incident Energy (eV)

66-Dy-156

MAT 6625

He-4 Production
Cross Section

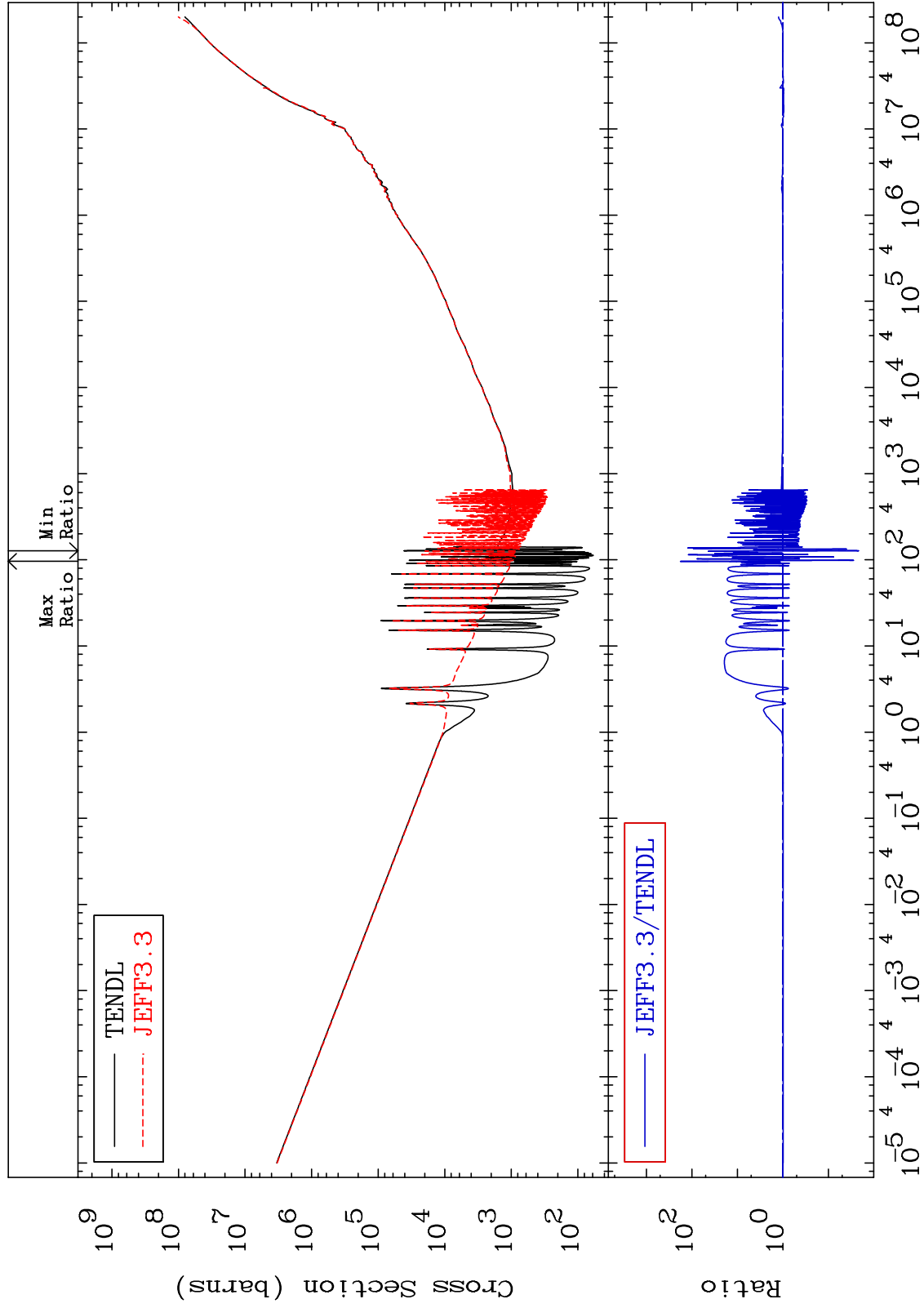
66-Dy-156
-21.59 To 2163. %



MAT 6625

Kerma total (eV-barns)
Cross Section

66-Dy-156
-97.83 To 9999. %



69

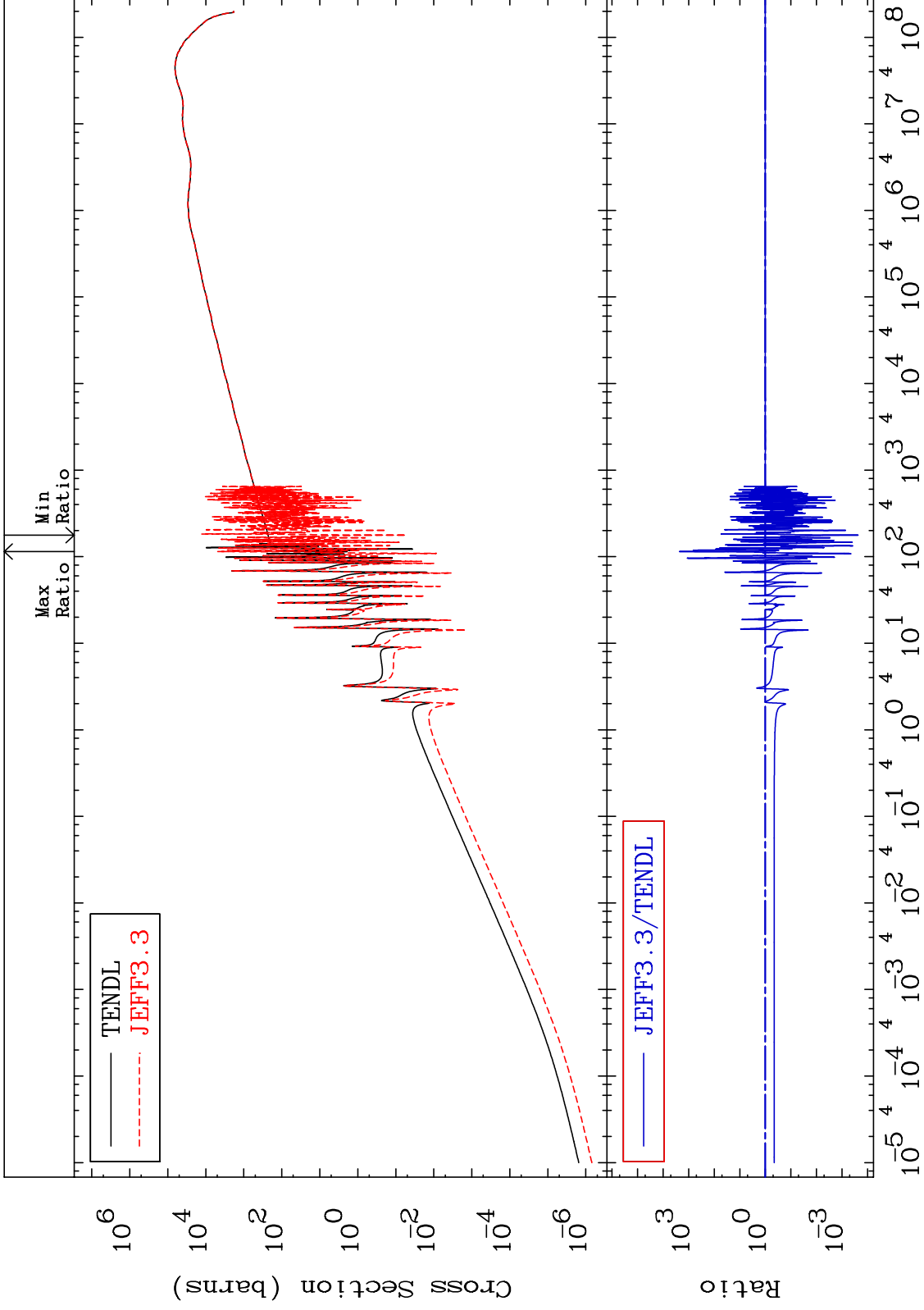
Incident Energy (eV)

66-Dy-156

MAT 6625

Kerma elastic
Cross Section

66-Dy-156
-99.98 To 9999. %



70

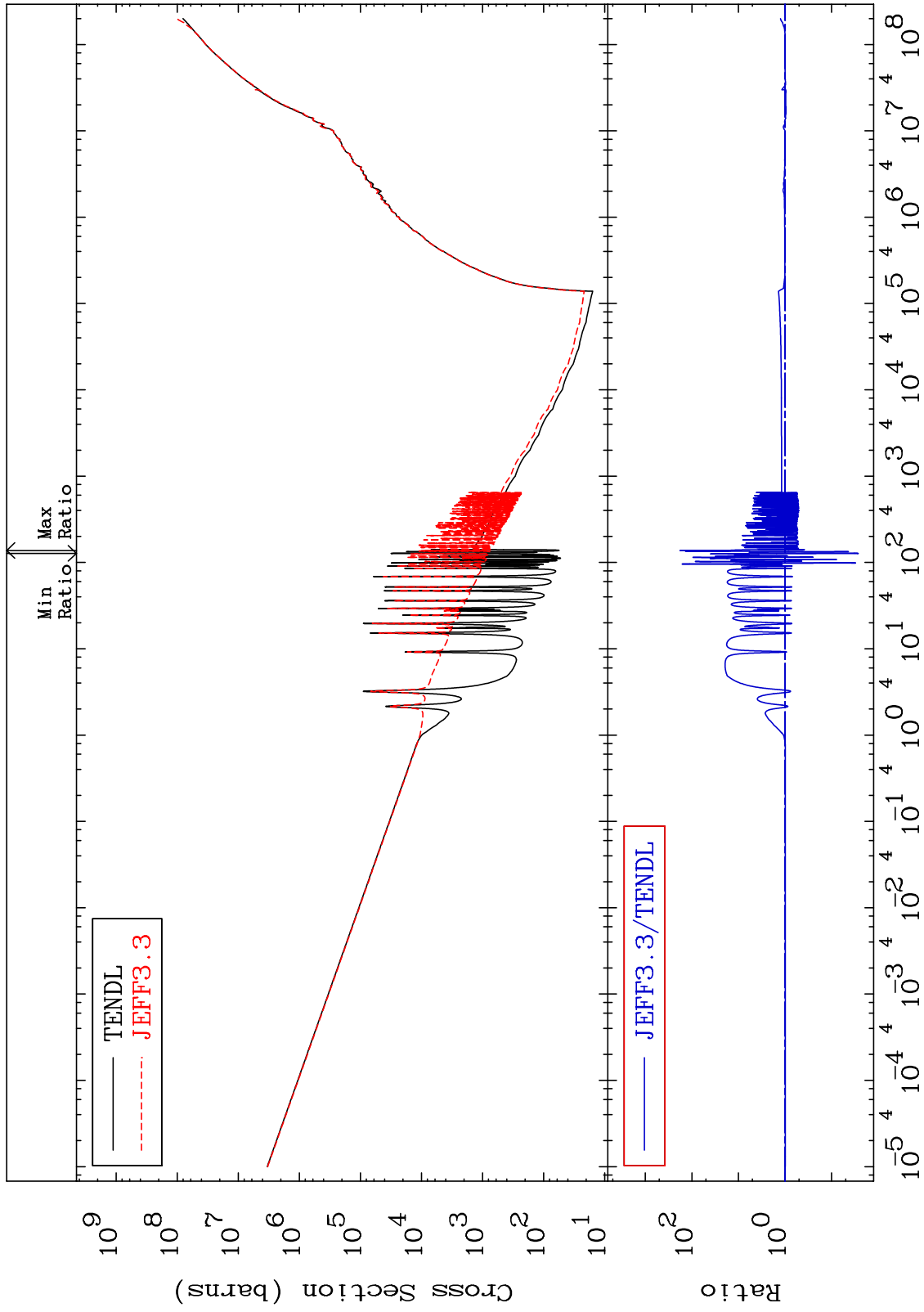
Incident Energy (eV)

66-Dy-156

MAT 6625

Kerma non-elastic (all but mt2)
Cross Section

66-Dy-156
-97.35 To 9999. %



71

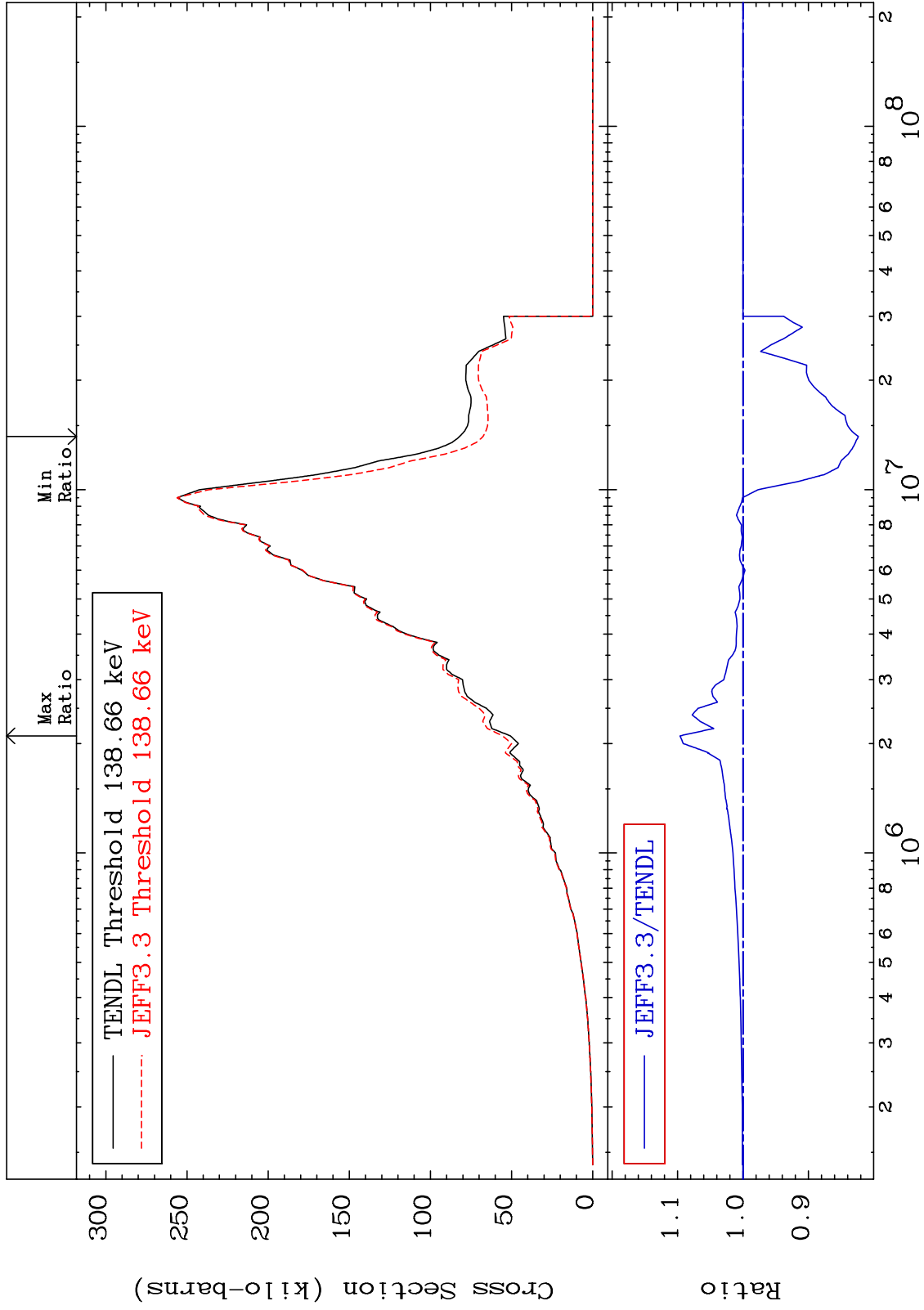
Incident Energy (eV)

66-Dy-156

MAT 6625

Kerma inelastic (mt51-91)
Cross Section

66-Dy-156
-17.63 To 9.630 %



72

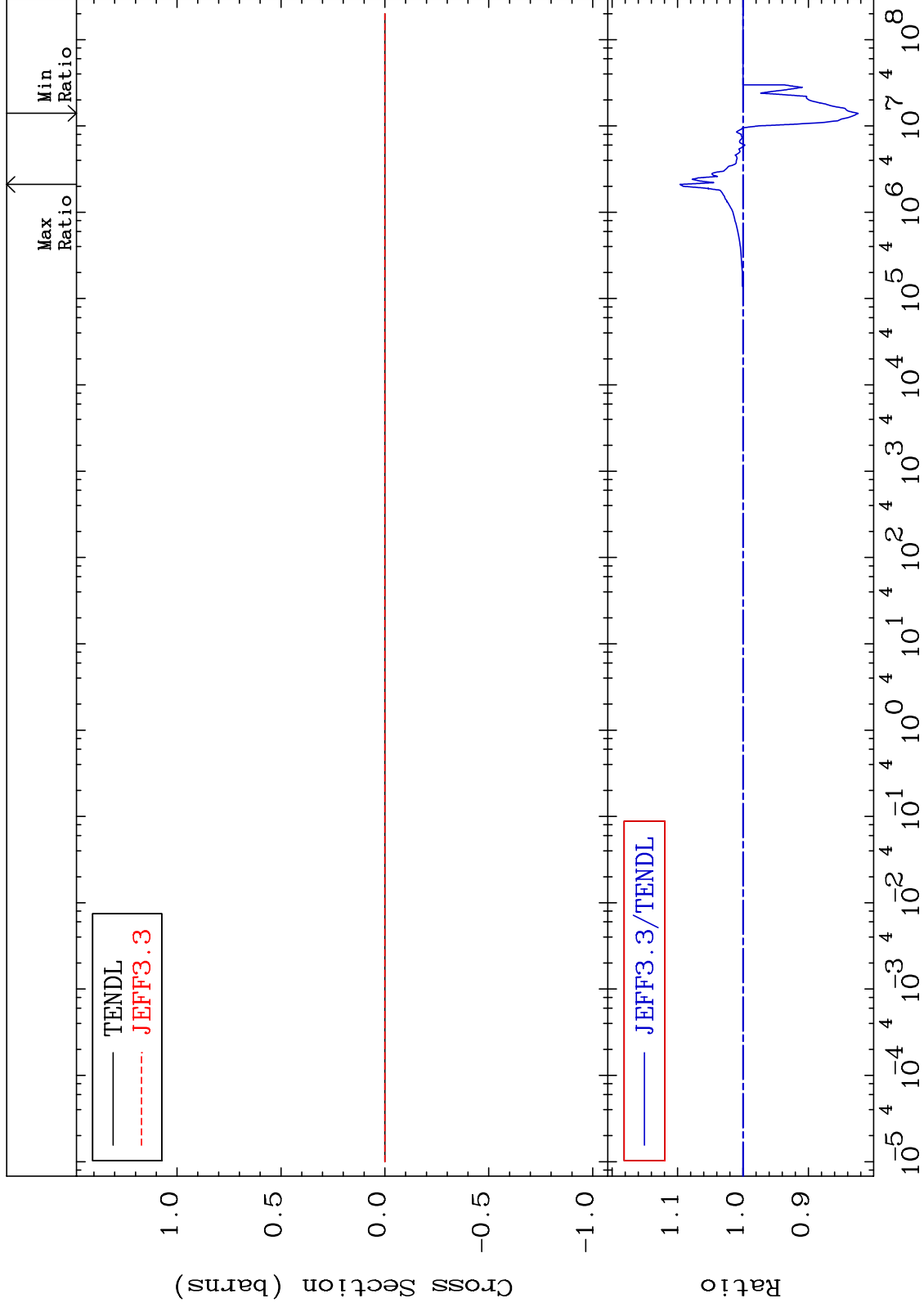
Incident Energy (eV)

66-Dy-156

MAT 6625

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

66-Dy-156
-17.63 To 9.630 %



73

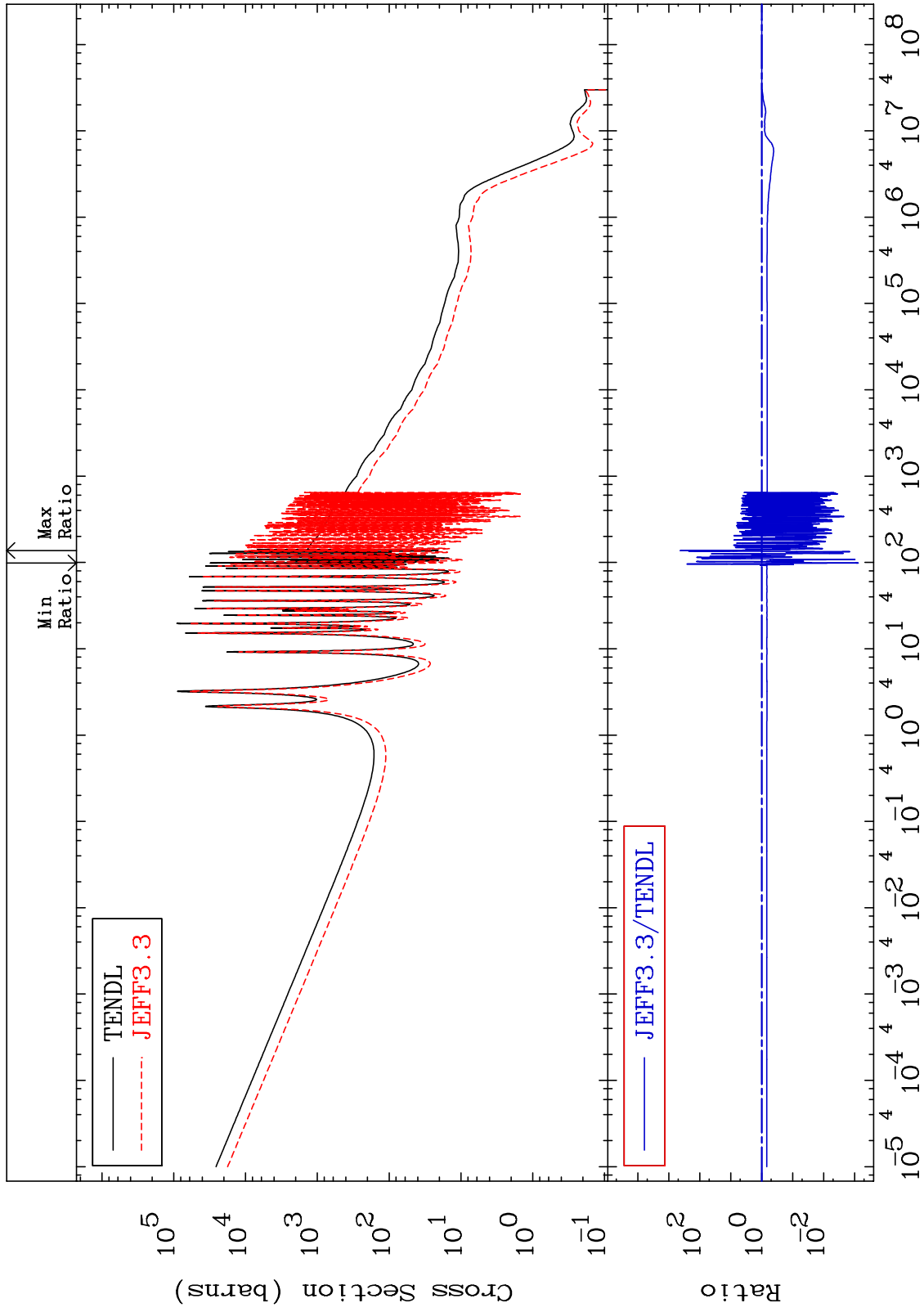
Incident Energy (eV)

66-Dy-156

MAT 6625

Kerma capture (mt102)
Cross Section

66-Dy-156
-99.92 To 9999. %



74

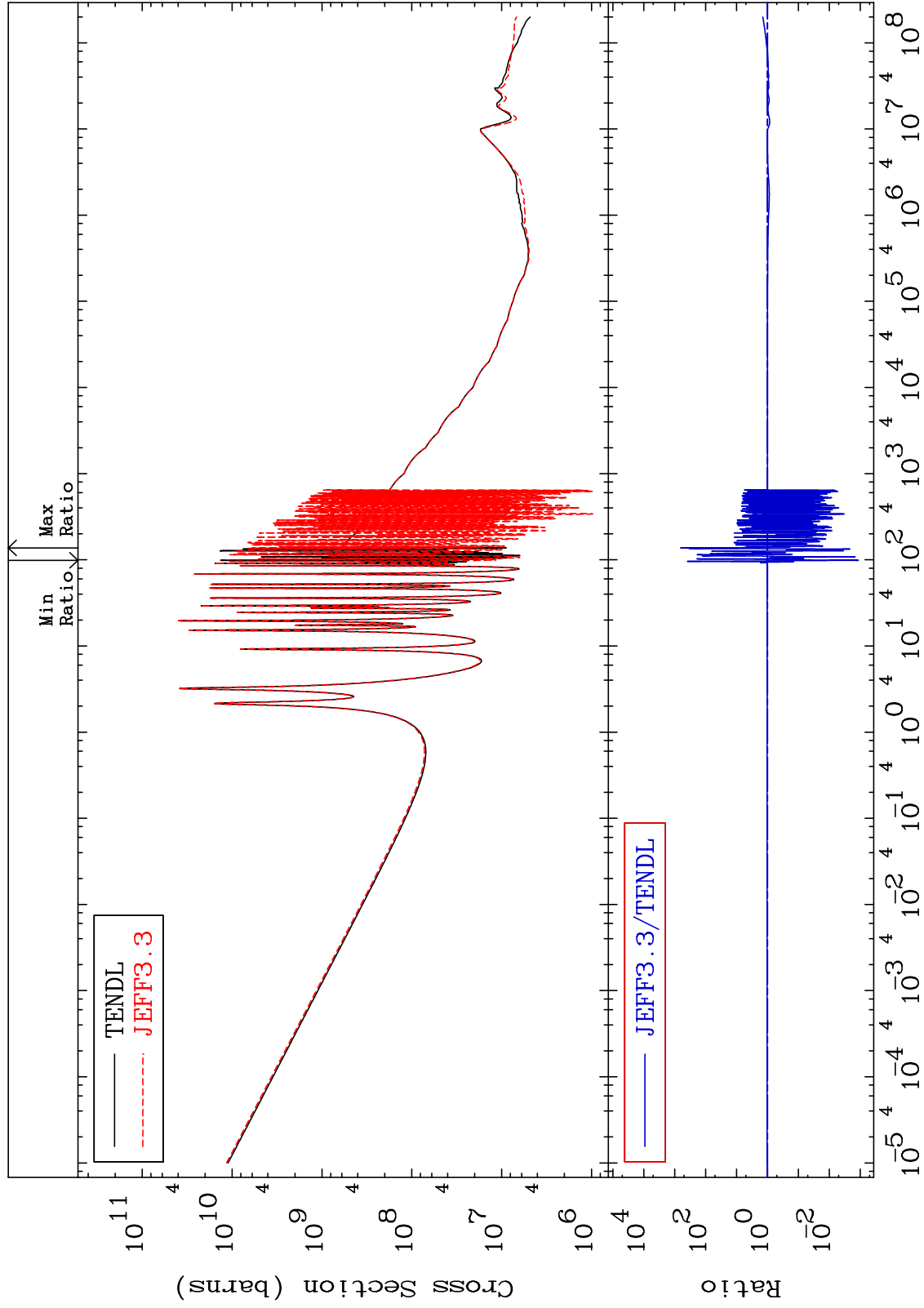
Incident Energy (eV)

66-Dy-156

MAT 6625

Total photon (eV-barns)
Cross Section

66-Dy-156
-99.89 To 9999. %



75

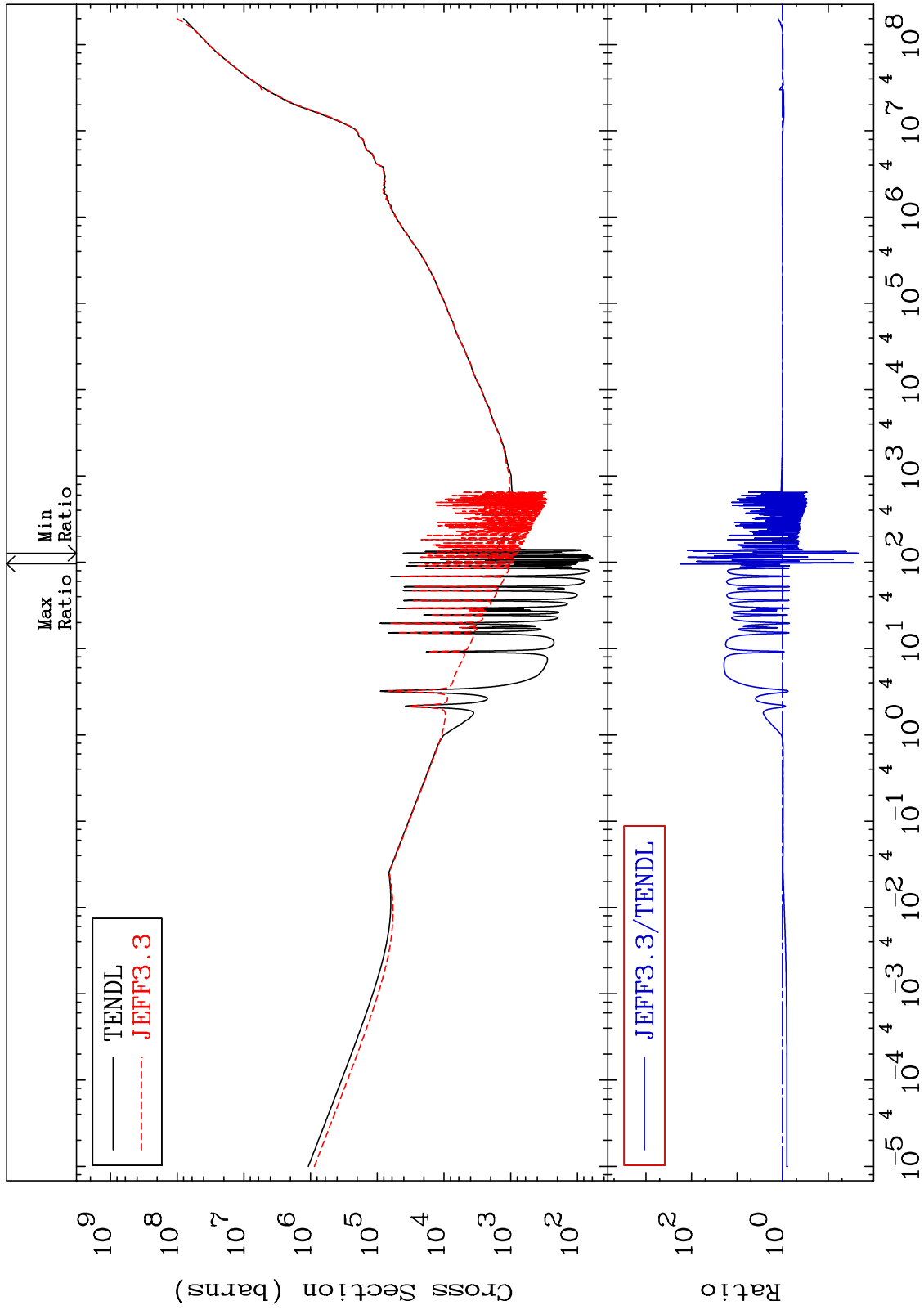
Incident Energy (eV)

66-Dy-156

MAT 6625

Total kinematic kerma (high limit)
Cross Section

66-Dy-156
-97.81 To 9999. %



76

Incident Energy (eV)

66-Dy-156

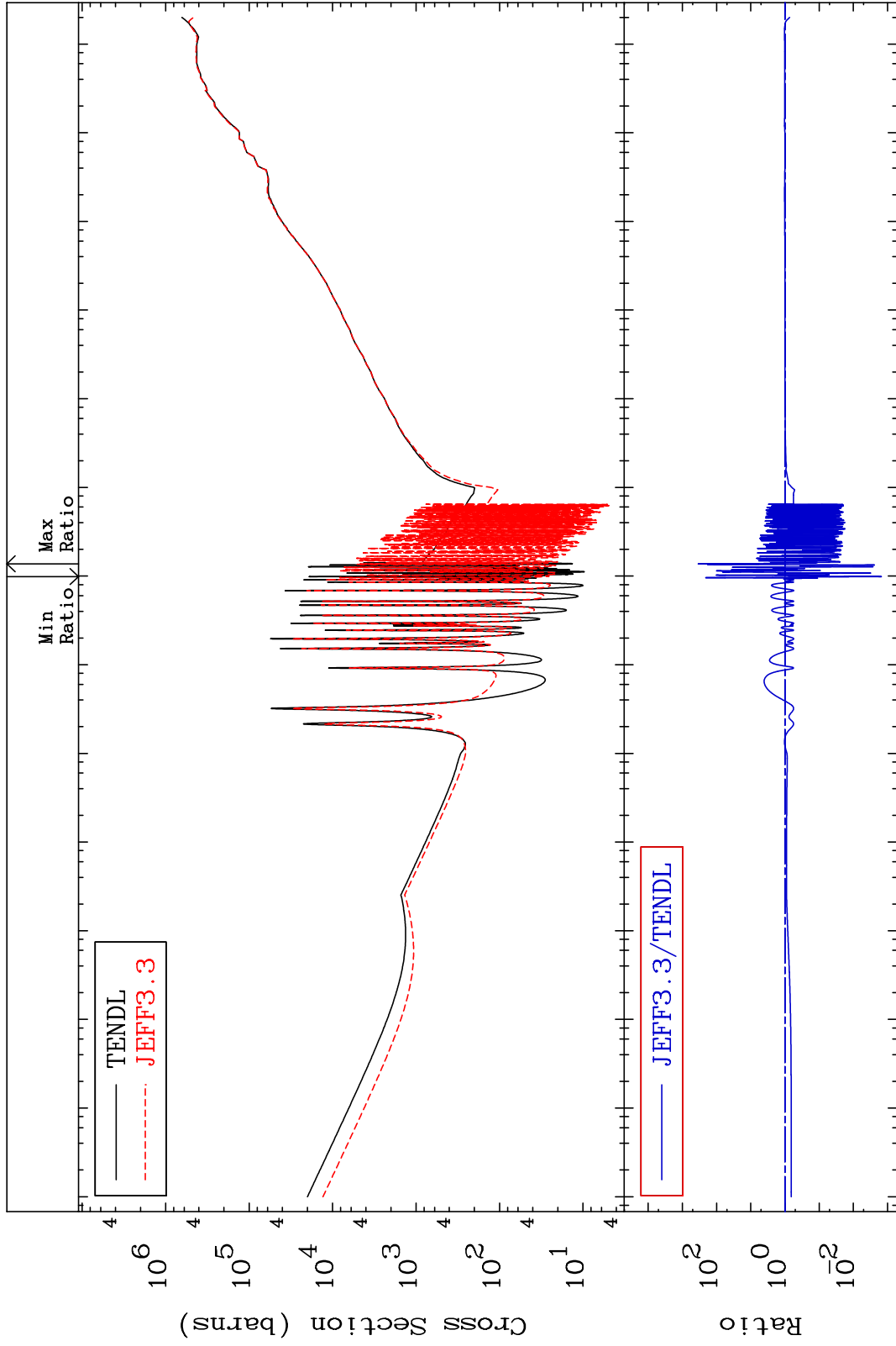
MAT 6625

Dpa total (eV-barns)

66-Dy-156

-99.85 To 9999. %

Cross Section



77

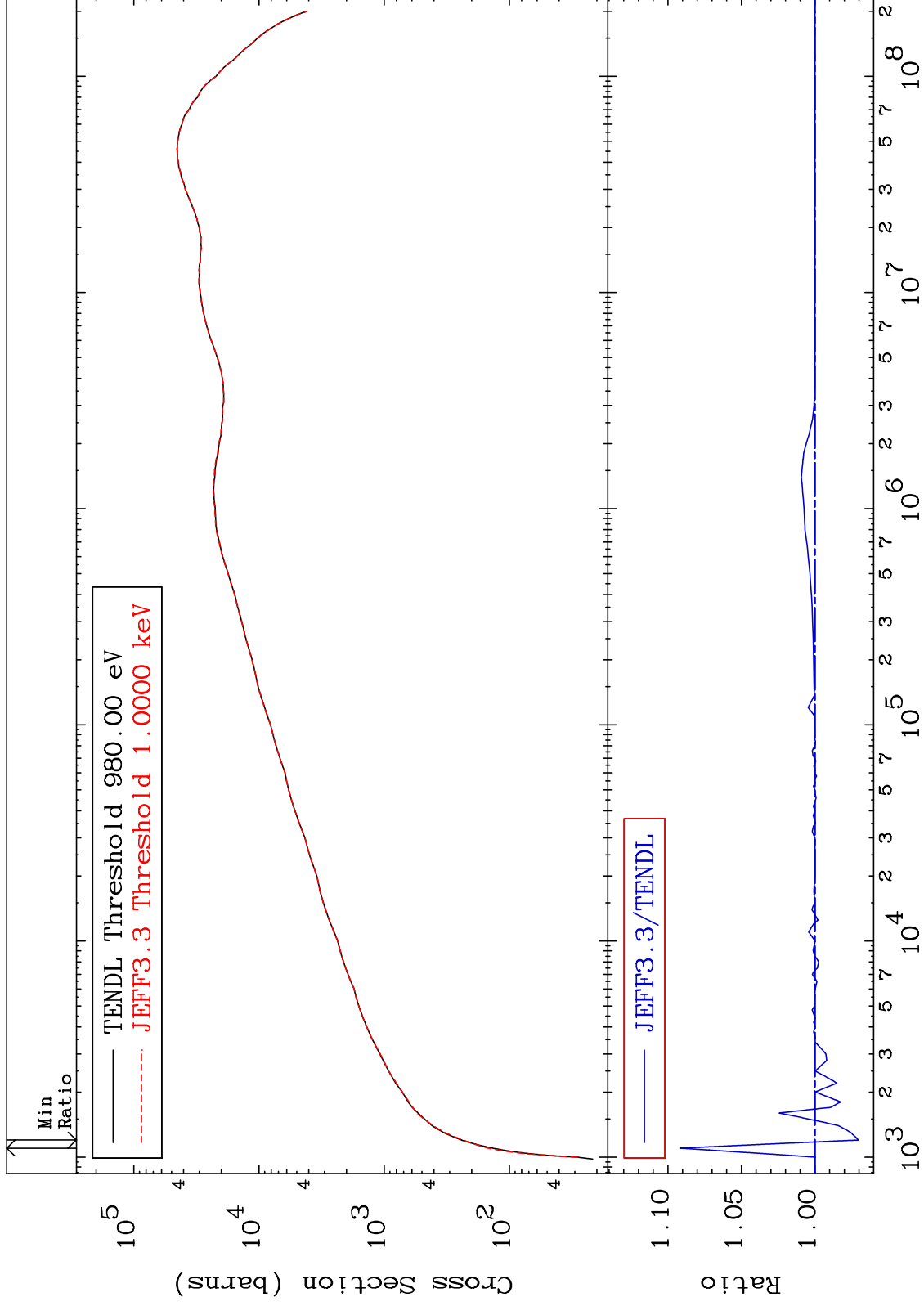
Incident Energy (eV)

66-Dy-156

MAT 6625

Dpa elastic (mt2)
Cross Section

66-Dy-156
-2.958 To 9.174 %



78

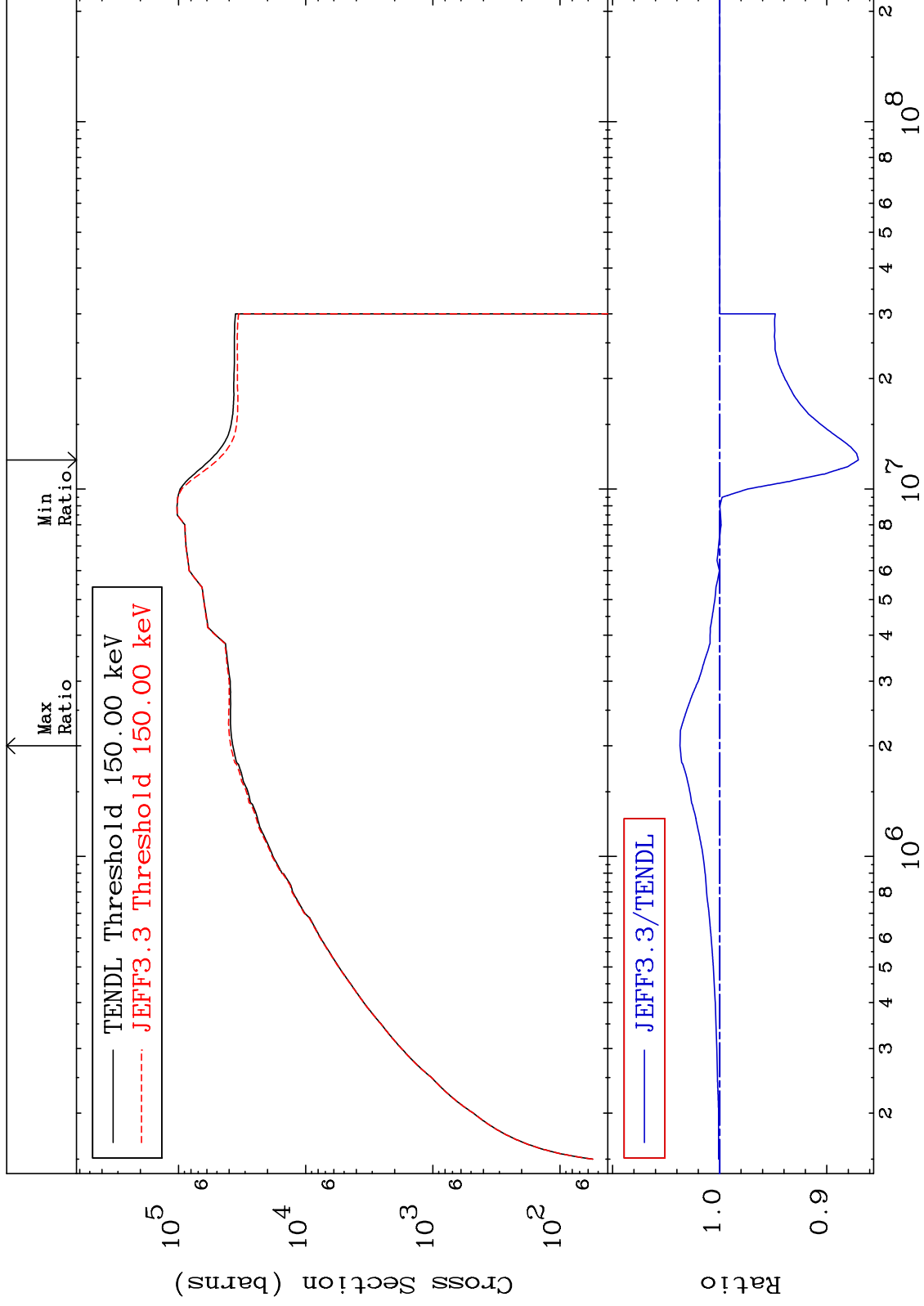
Incident Energy (eV)

66-Dy-156

MAT 6625

Dpa inelastic (mt51-91)
Cross Section

66-Dy-156
-12.95 To 3.704 %



79

Incident Energy (eV)

66-Dy-156

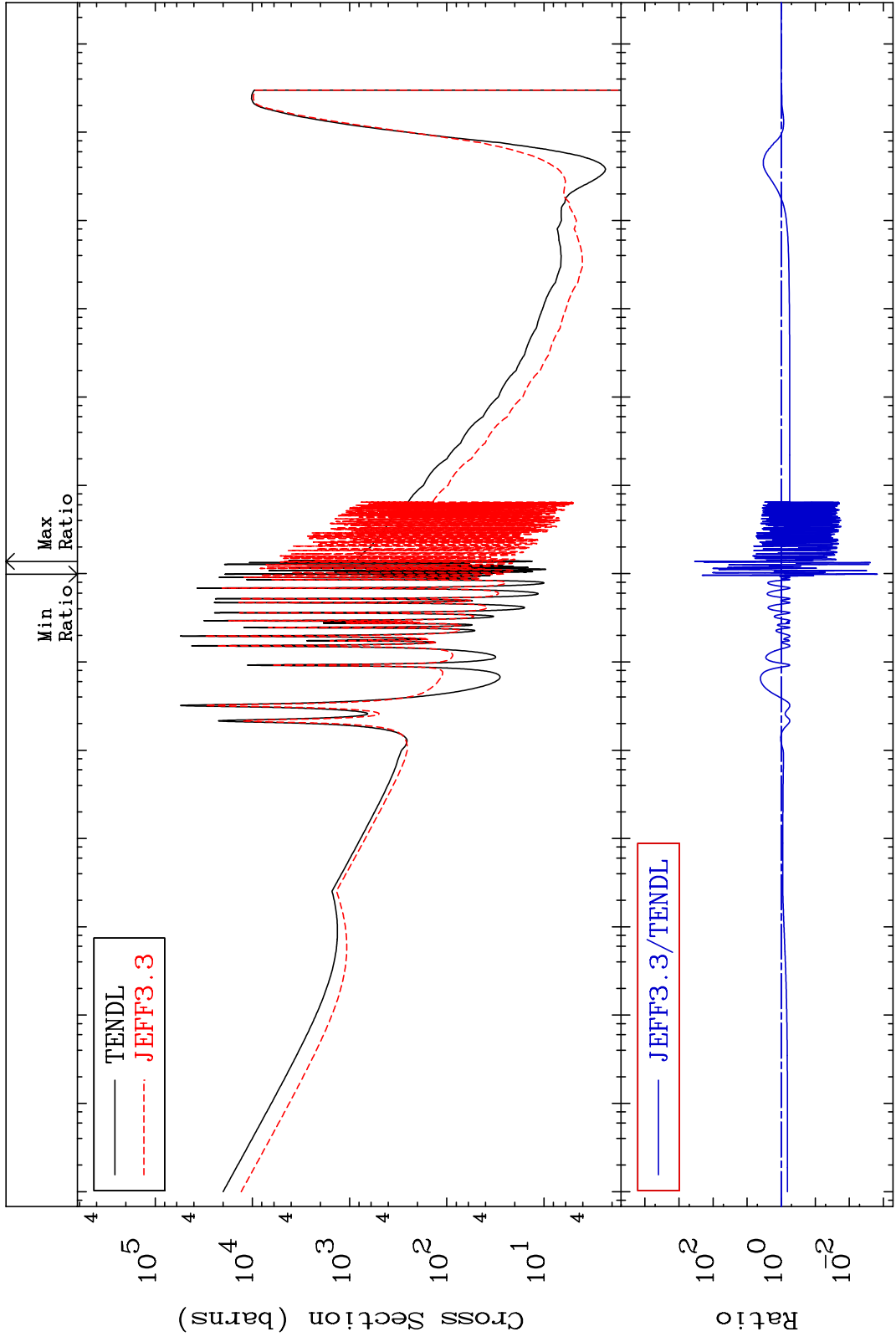
MAT 6625

Dpa disappearance (mt102 -120)

66-Dy-156

-99.85 To 9999. %

Cross Section

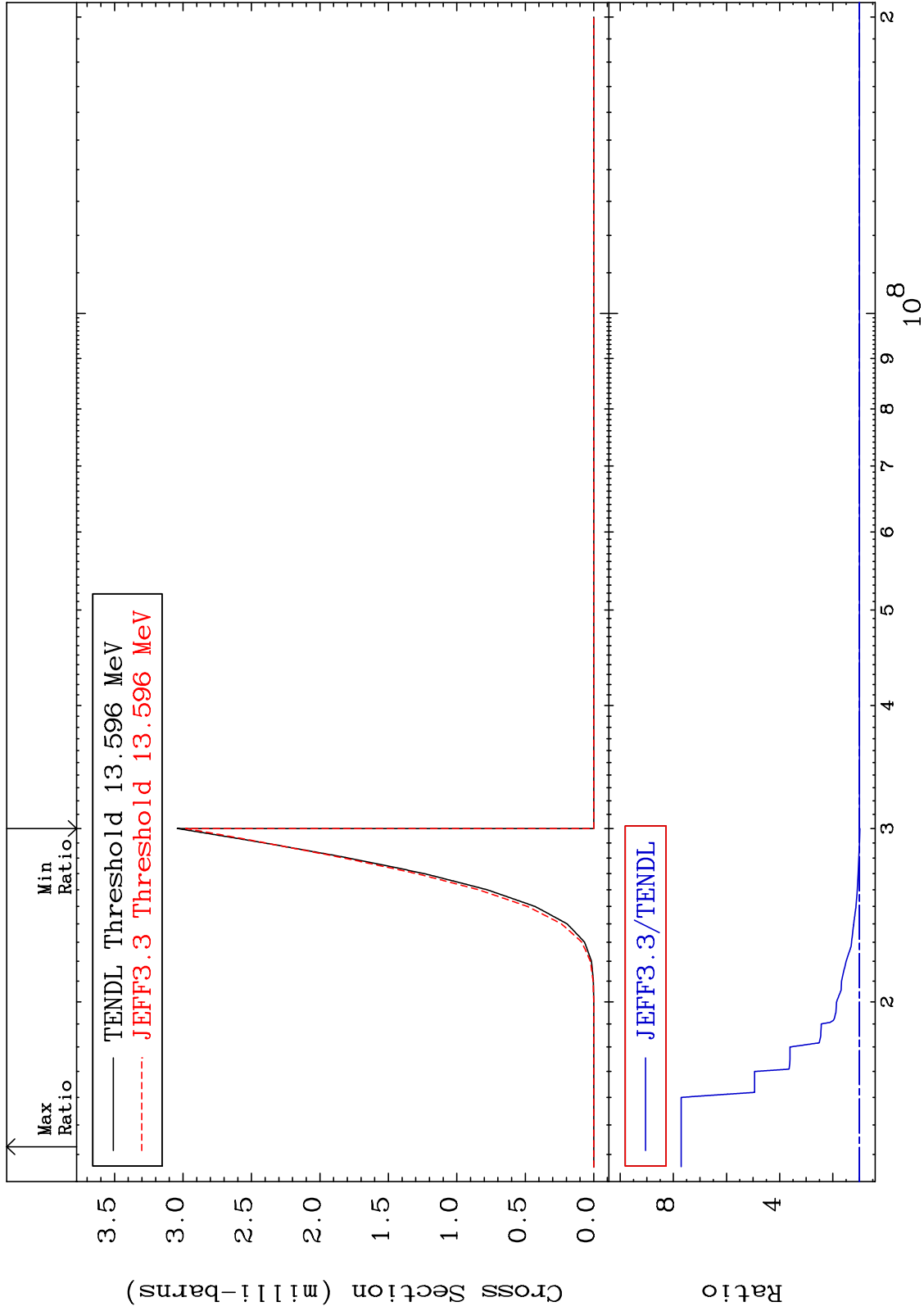


MAT 6625

(n, n') d:65-Tb-154g

66-Dy-156

Radionuclide Production Cross Section -2.054 To 670.5 %

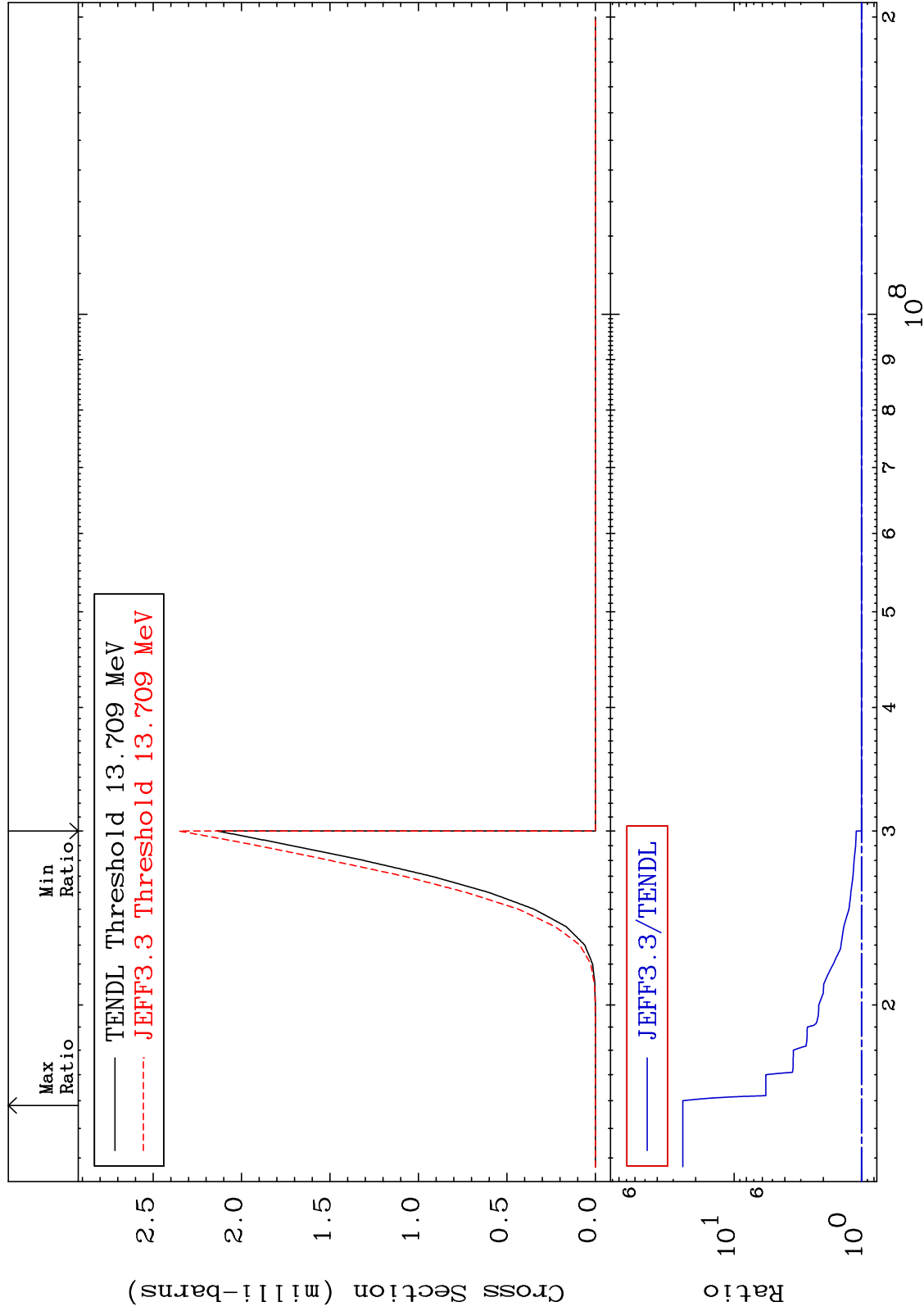


MAT 6625

(n, n') d: 65-Tb-154m1

66-Dy-156

Radionuclide Production Cross Section 0.000 To 2421. %

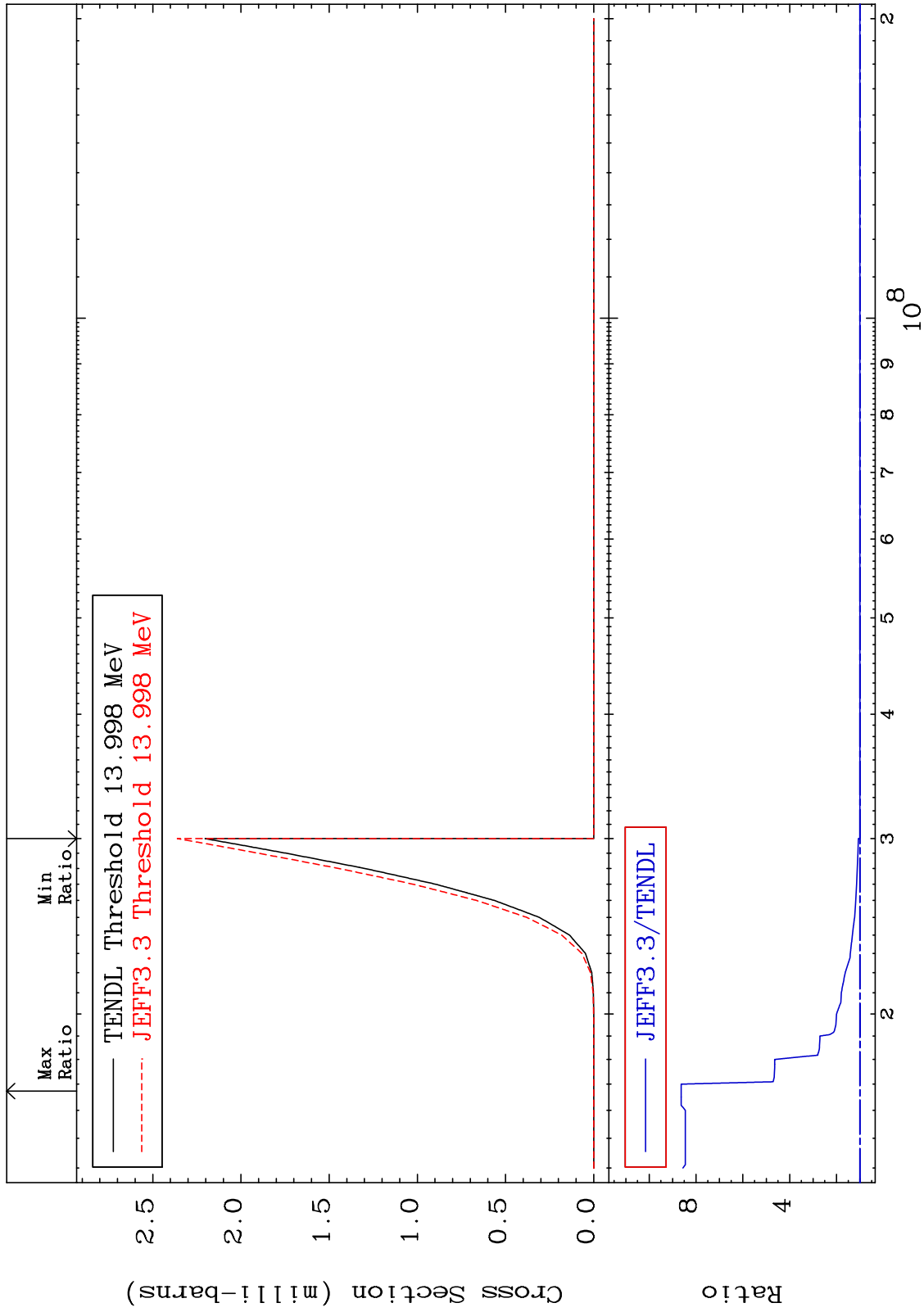


MAT 6625

(n, n') d: 65-Tb-154m2

66-Dy-156

Radionuclide Production Cross Section 0.000 To 763.2 %

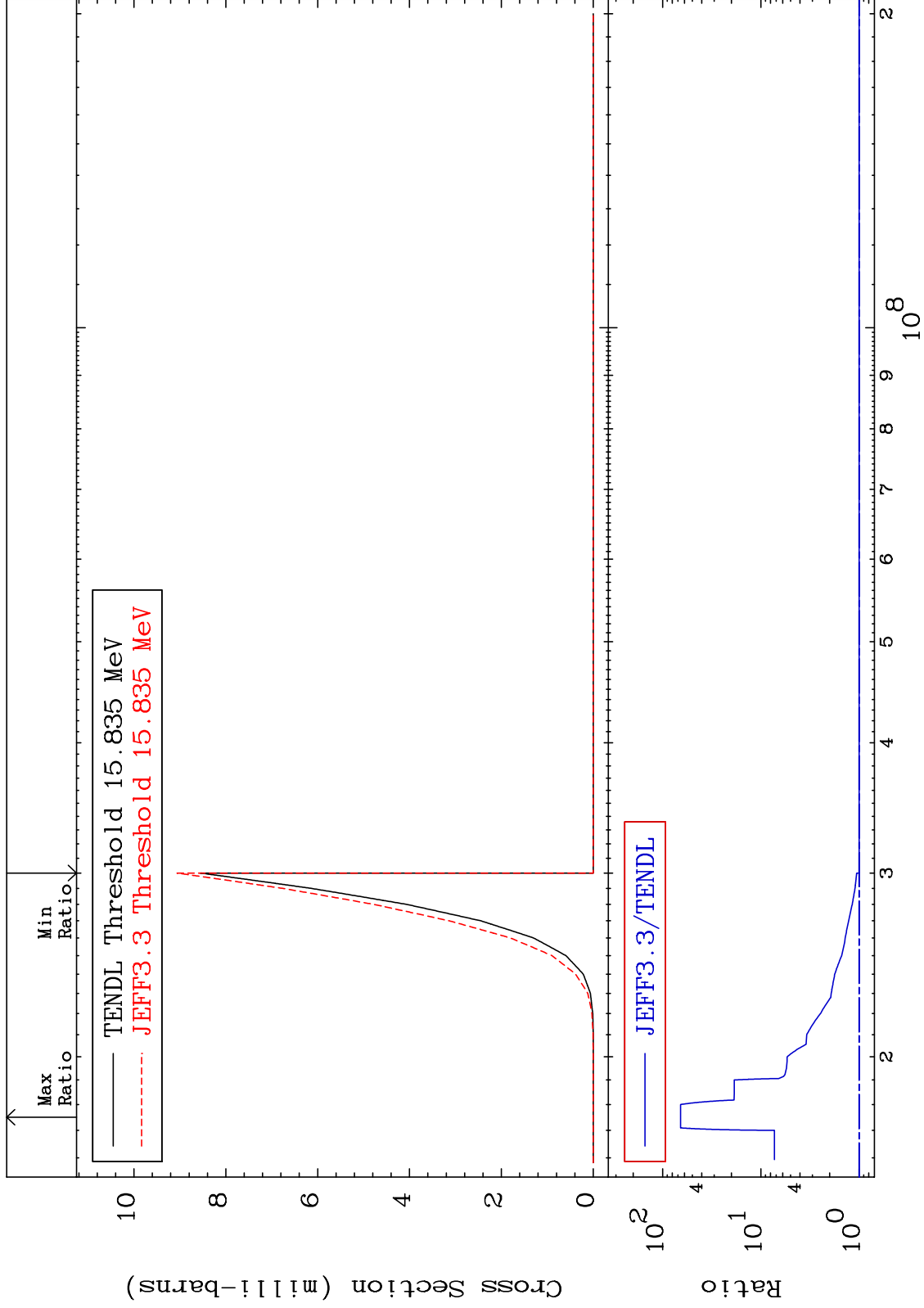


MAT 6625

(n,2n) p:65-Tb-154g

66-Dy-156

Radionuclide Production Cross Section 0.000 To 6473. %

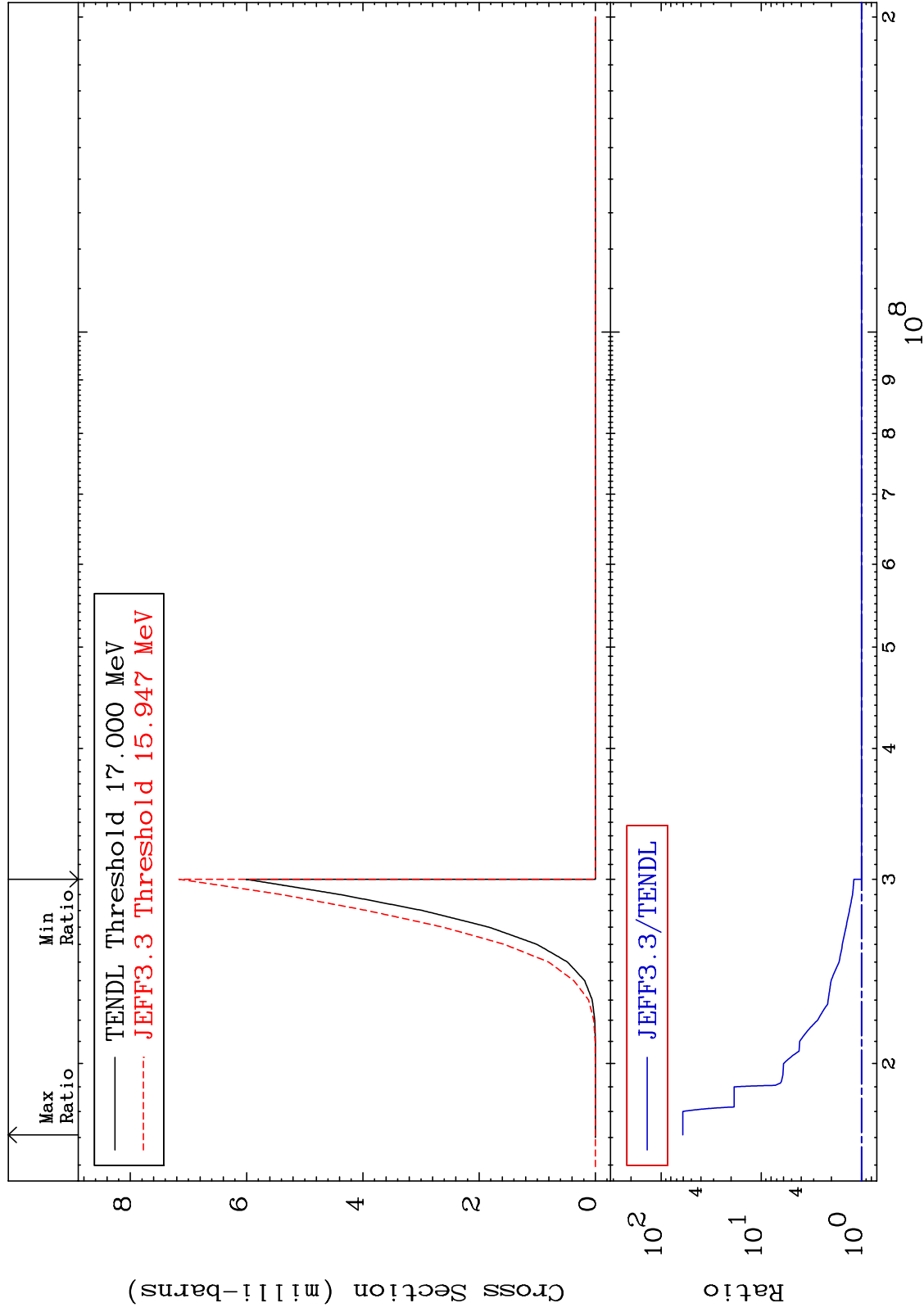


MAT 6625

(n,2n) p:65-Tb-154m1

66-Dy-156

Radionuclide Production Cross Section 0.000 To 5964. %

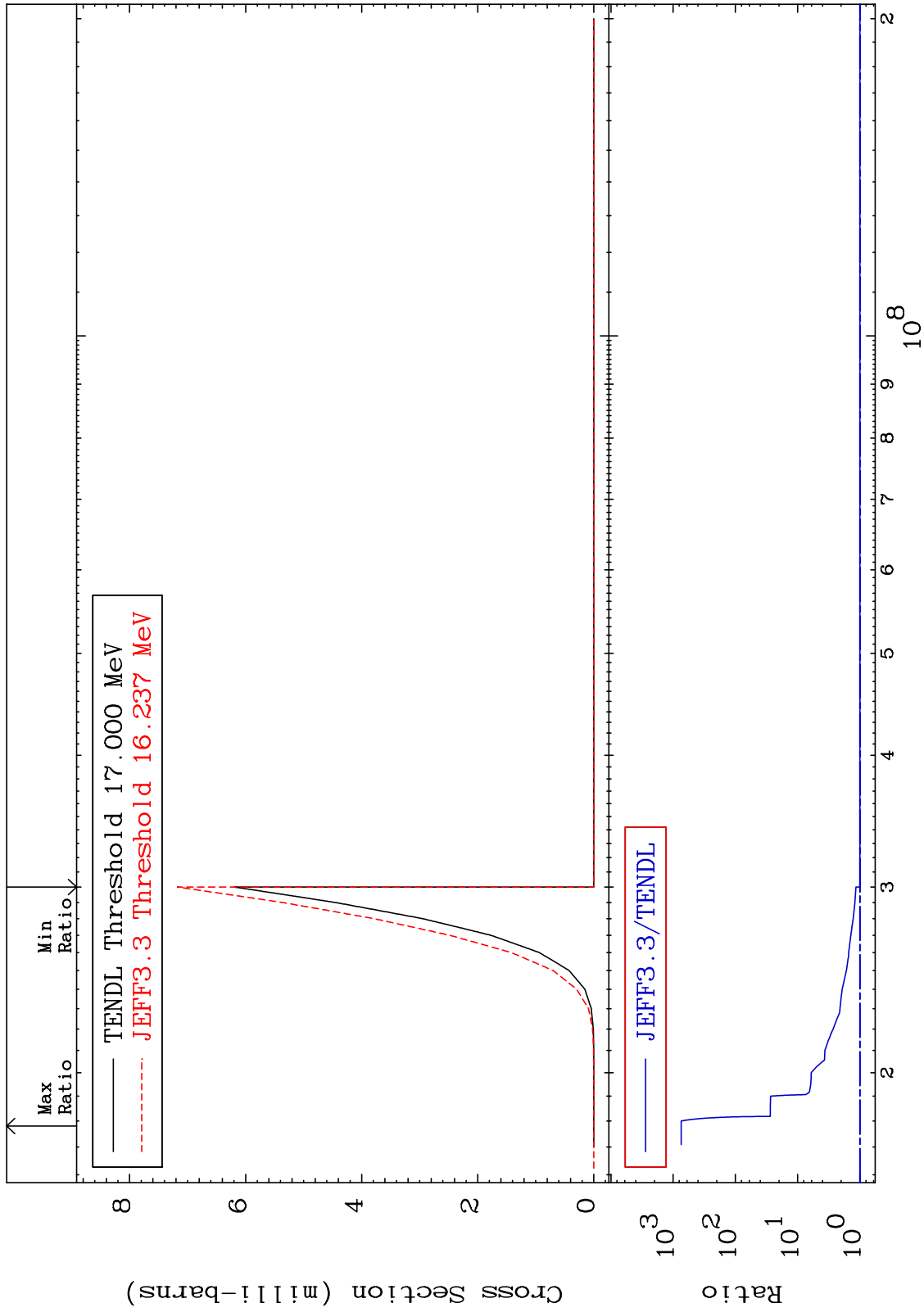


MAT 6625

(n,2n) p:65-Tb-154m2

66-Dy-156

Radionuclide Production Cross Section 0.000 To 9999. %

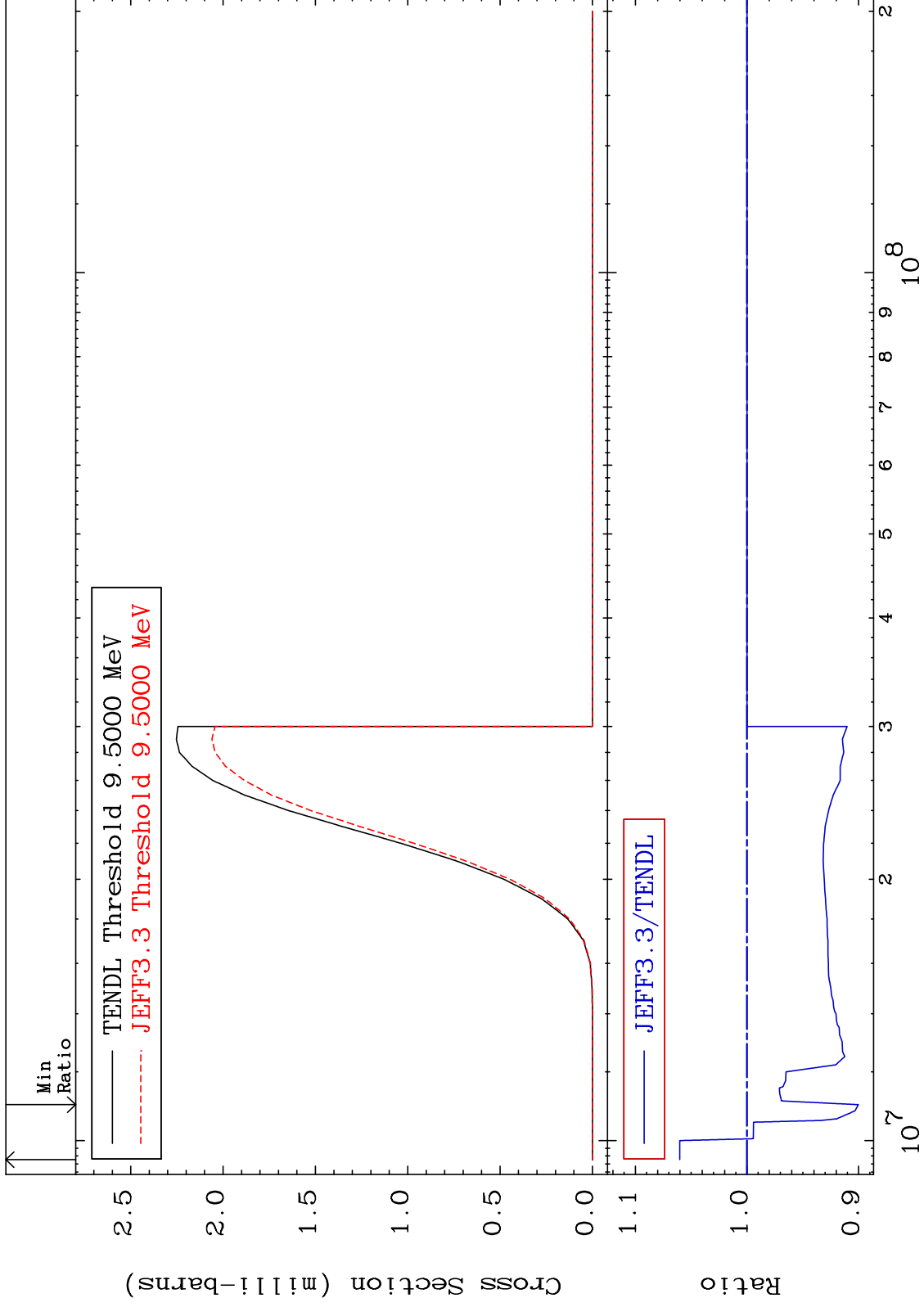


MAT 6625

(n, t): 65-Tb-154g

66-Dy-156

Radionuclide Production Cross Section -9.977 To 6.015 %



87

Incident Energy (eV)

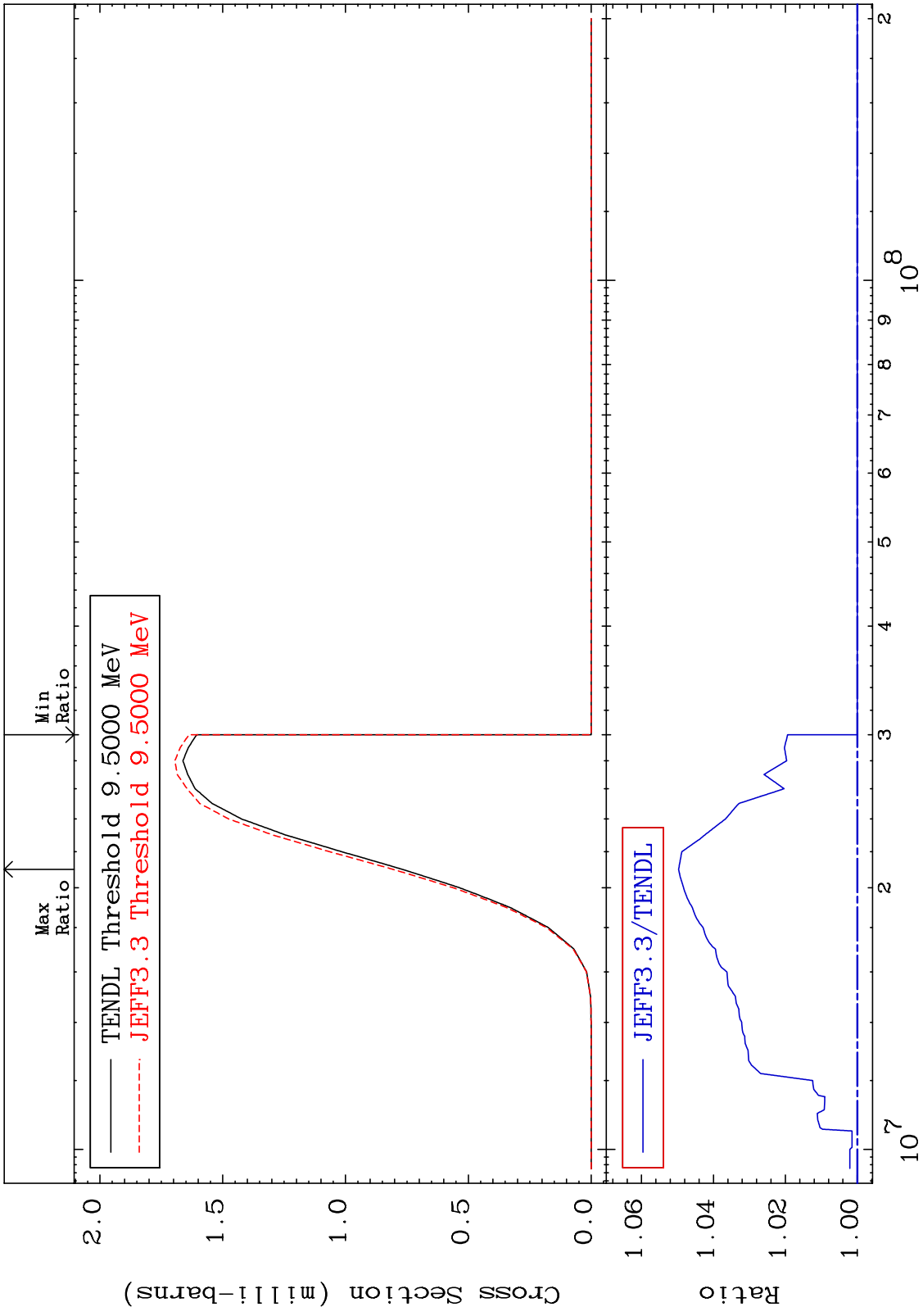
66-Dy-156

MAT 6625

(n, t) : 65-Tb-154m1

66-Dy-156

Radionuclide Production Cross Section 0.000 To 4.968 %



88

Incident Energy (eV)

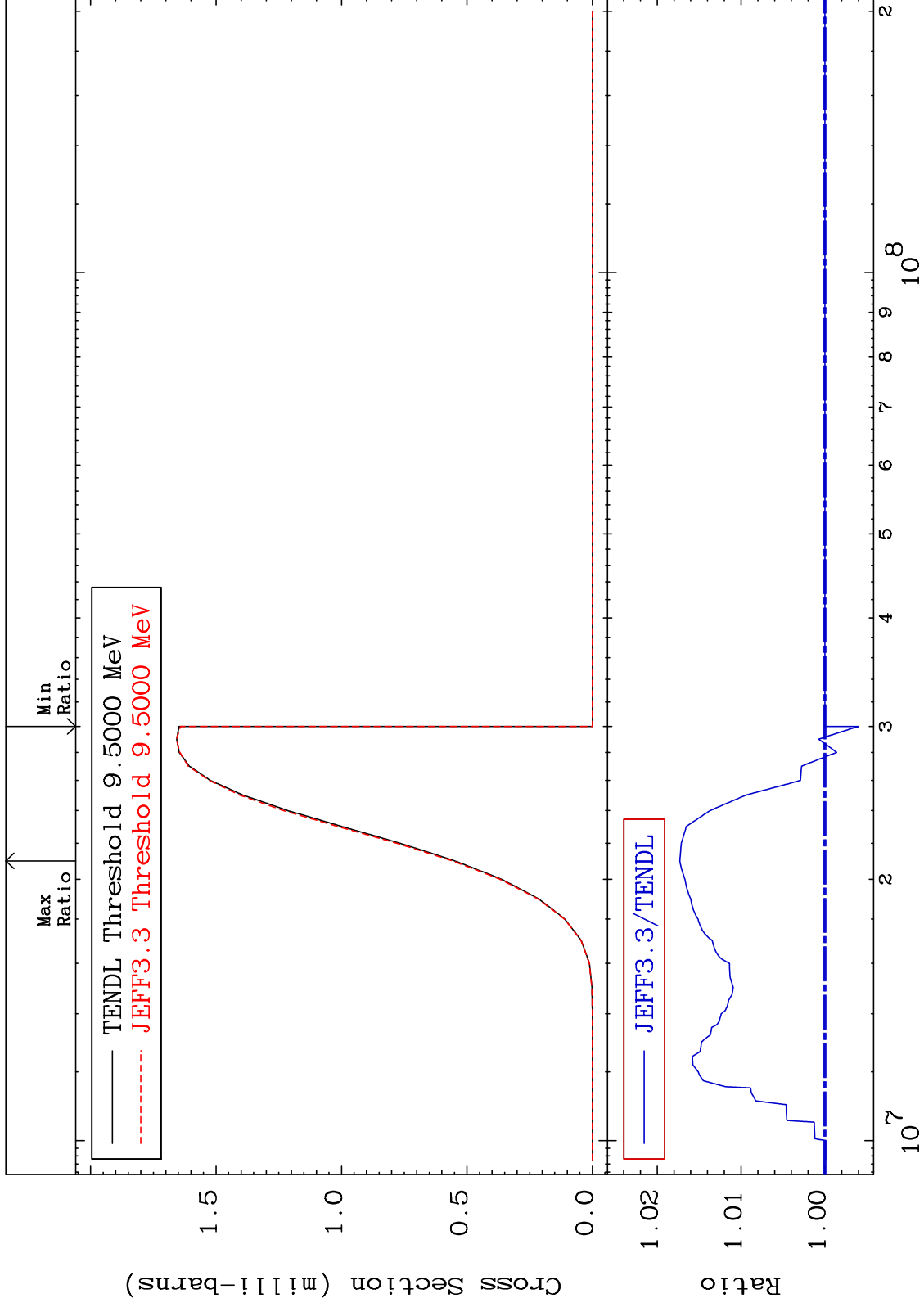
66-Dy-156

MAT 6625

(n, t) : 65-Tb-154m2

66-Dy-156

Radionuclide Production Cross Section -0.399 To 1.730 %



89

Incident Energy (eV)

66-Dy-156