

Program Complot
(Version 2018-1)

by

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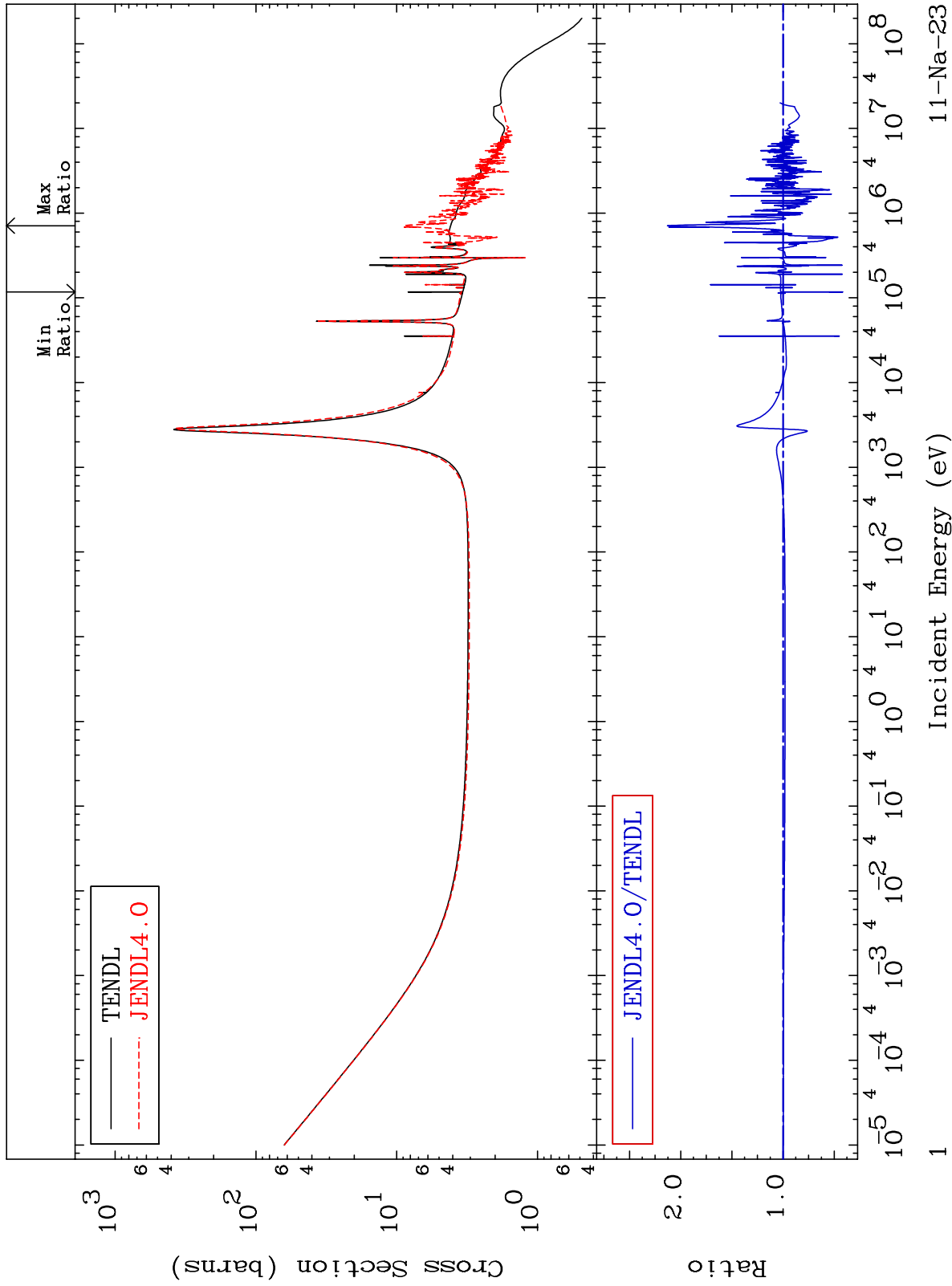
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1125

Total
Cross Section

11-Na-23
-58.26 To 112.8 %



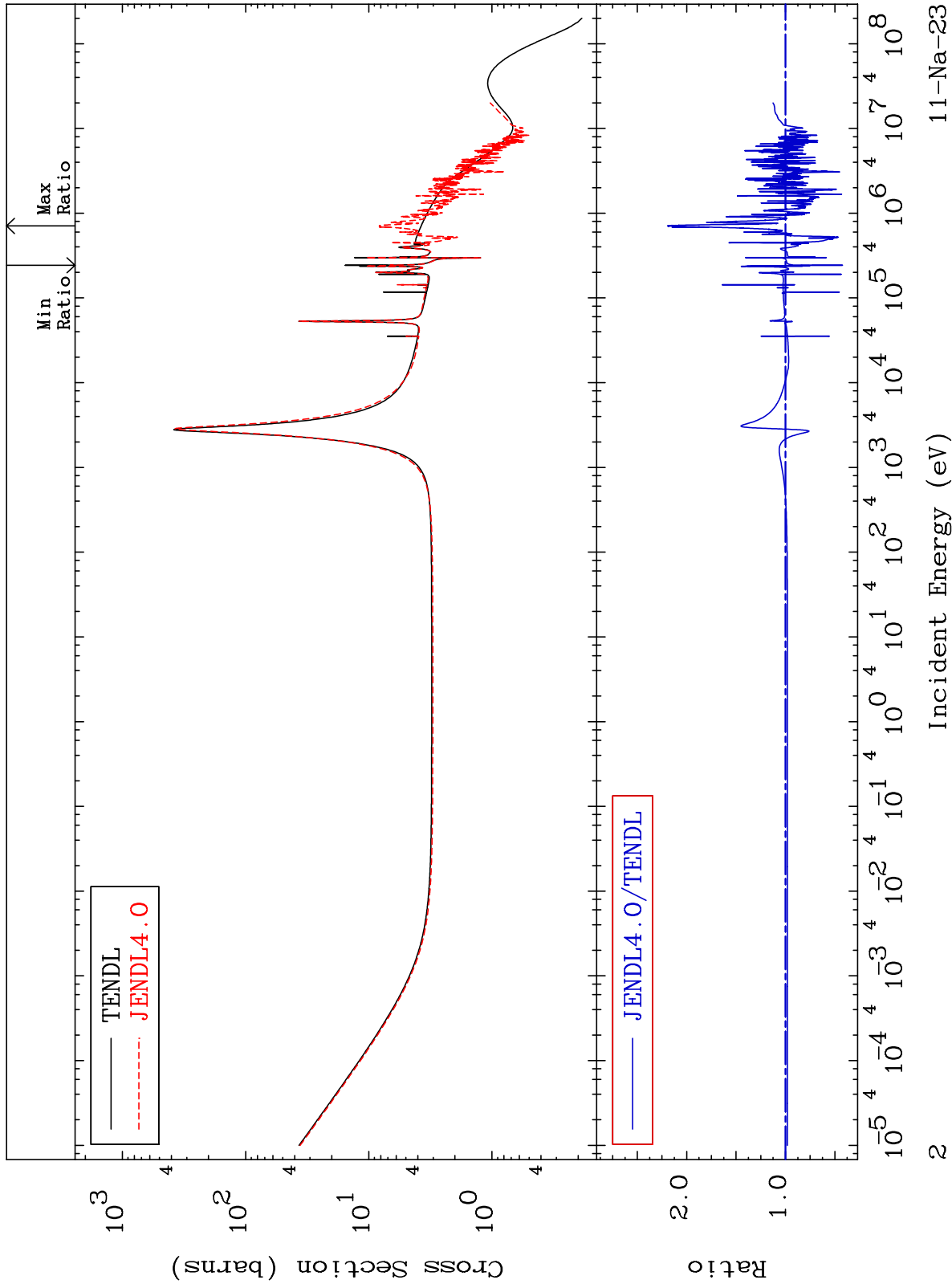
Incident Energy (eV)

11-Na-23

MAT 1125

Elastic
Cross Section

11-Na-23
-57.92 To 119.4 %



11-Na-23

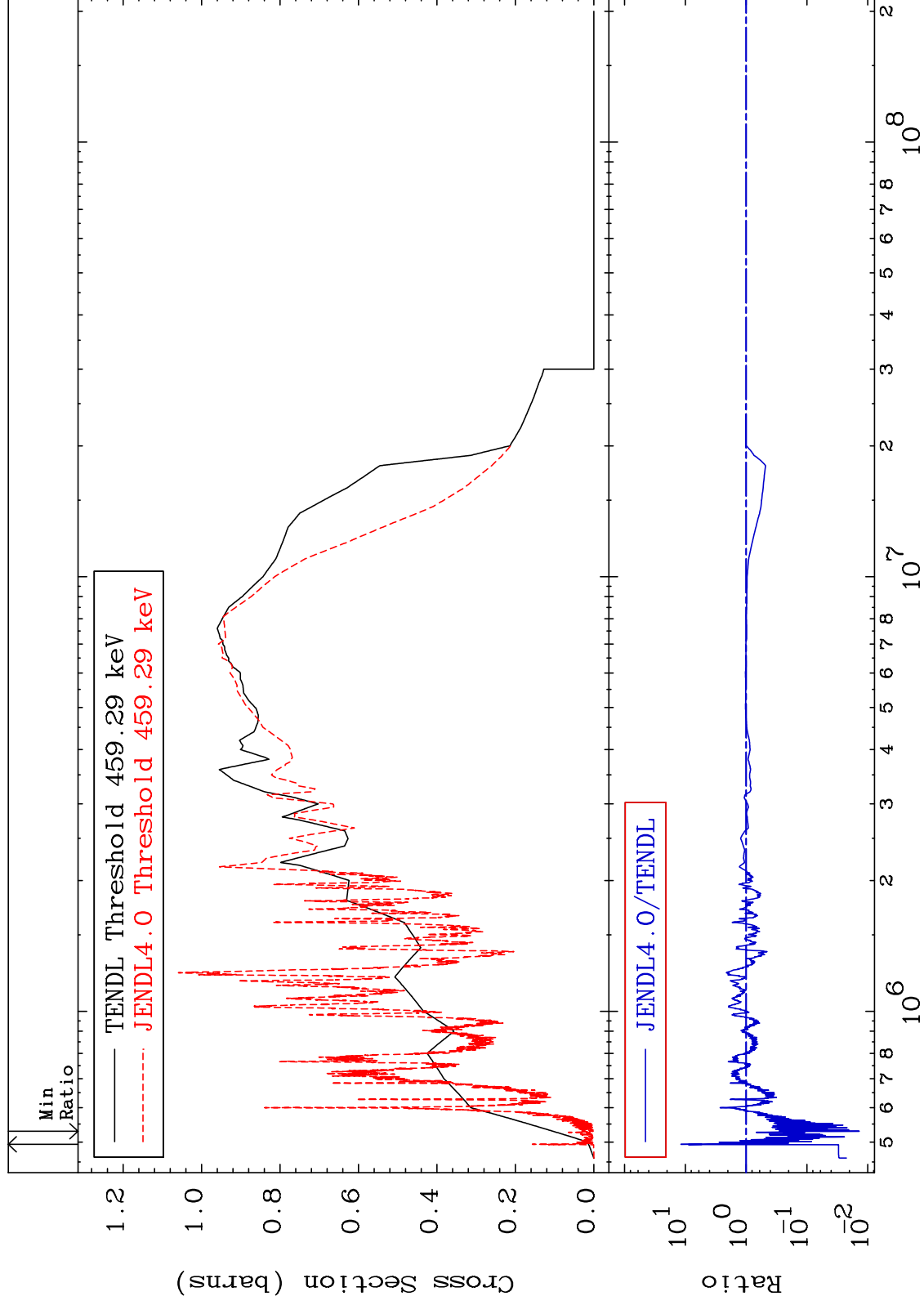
Incident Energy (eV)

2

MAT 1125

Inelastic
Cross Section

11-Na-23
-98.63 To 1076. %



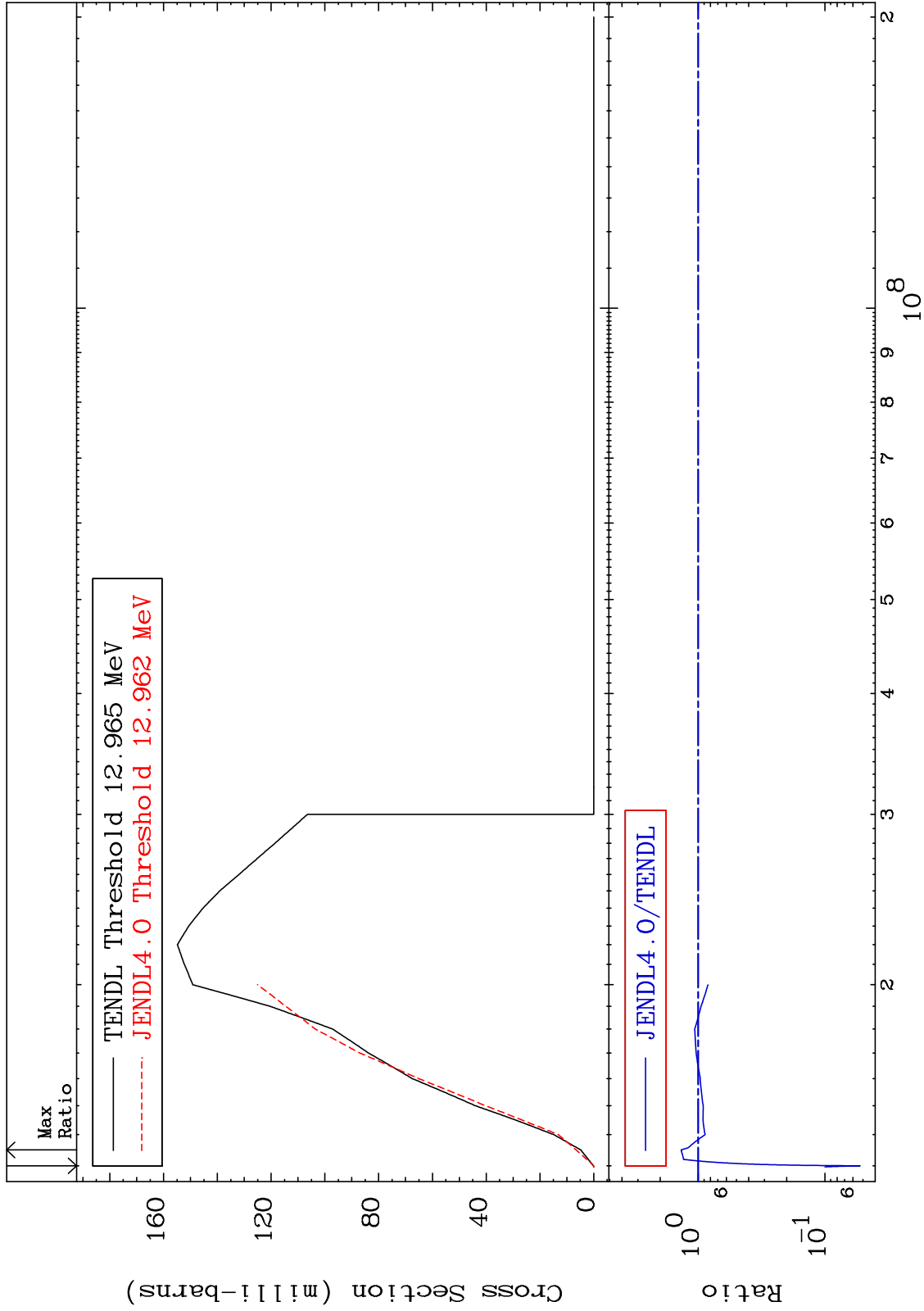
MAT 1125

(n,2n)

11-Na-23

Cross Section

-94.71 To 36.35 %



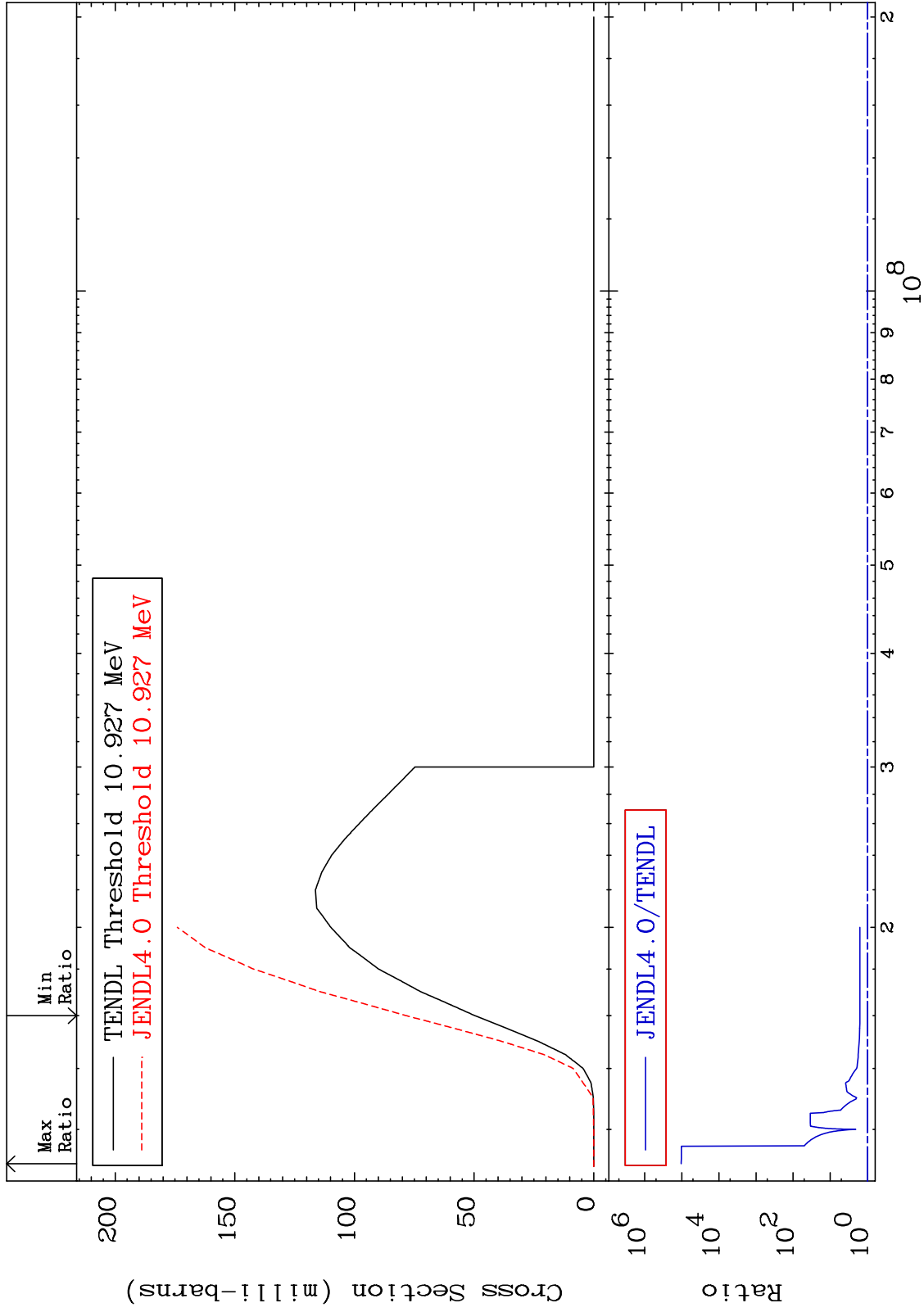
MAT 1125

(n,n') α

11-Na-23

Cross Section

57.81 To 9999. %



11-Na-23

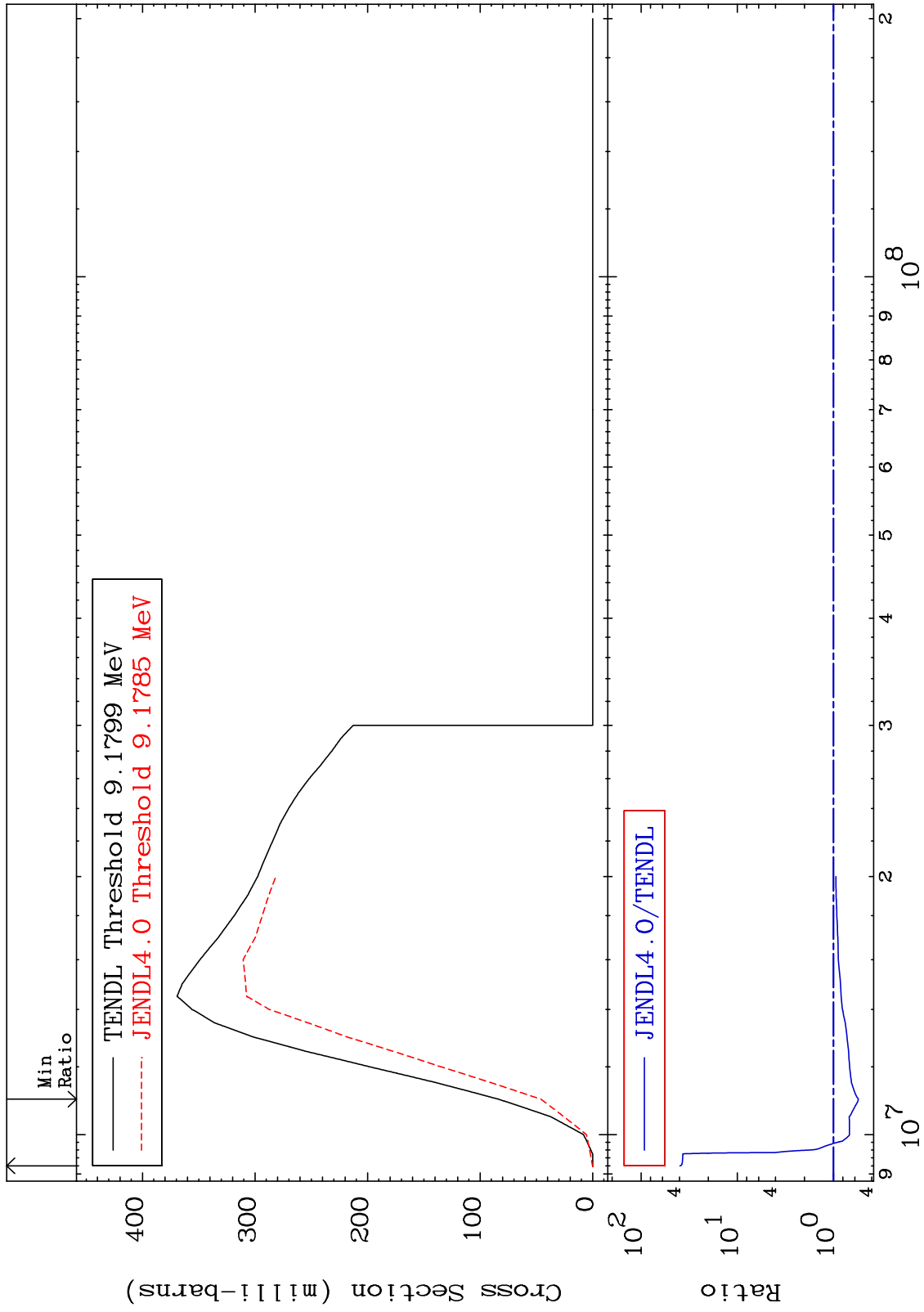
57.81 To 9999. %

5

MAT 1125

(n,n') p
Cross Section

11-Na-23
-44.98 To 3843. %



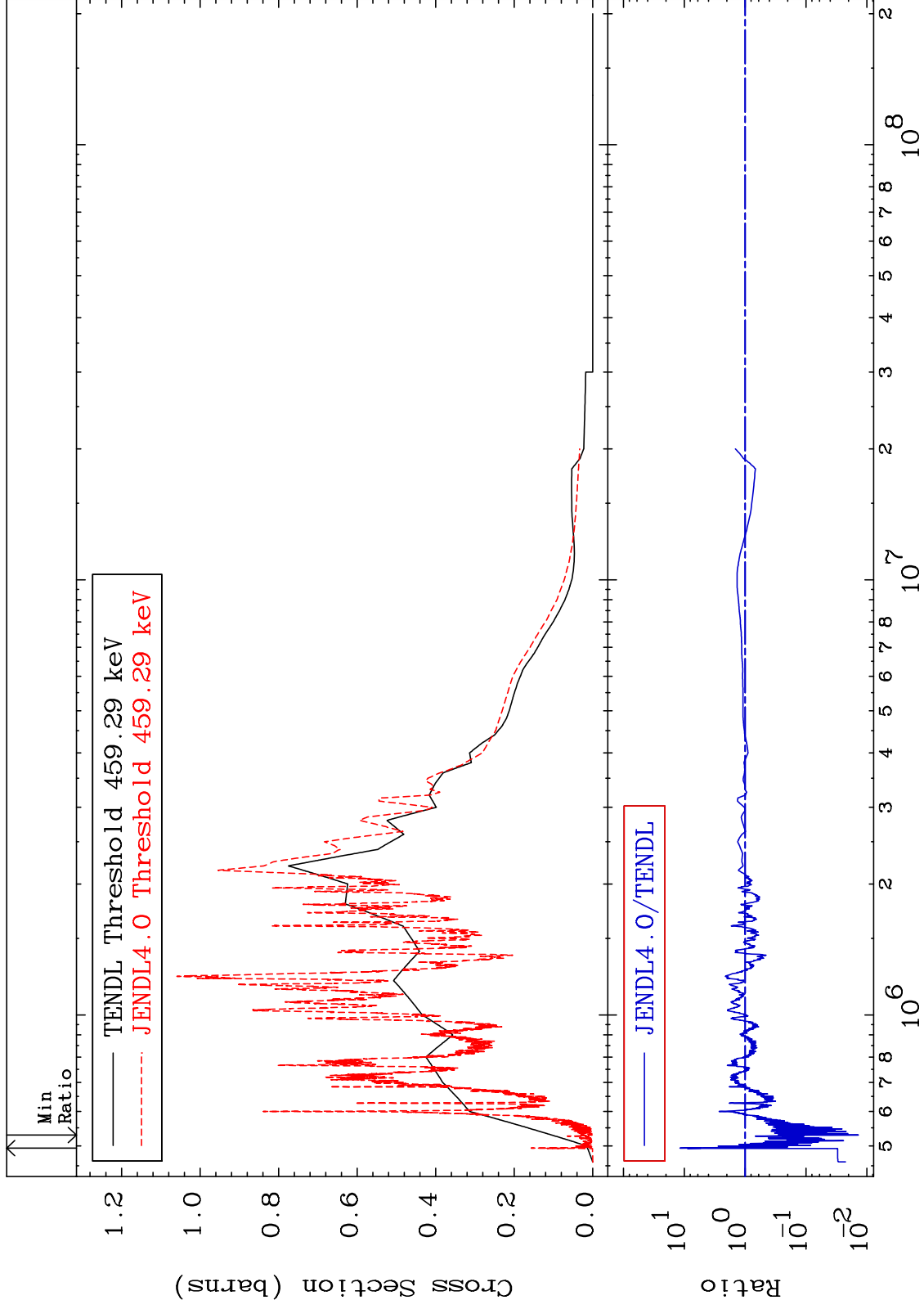
11-Na-23

11-Na-23

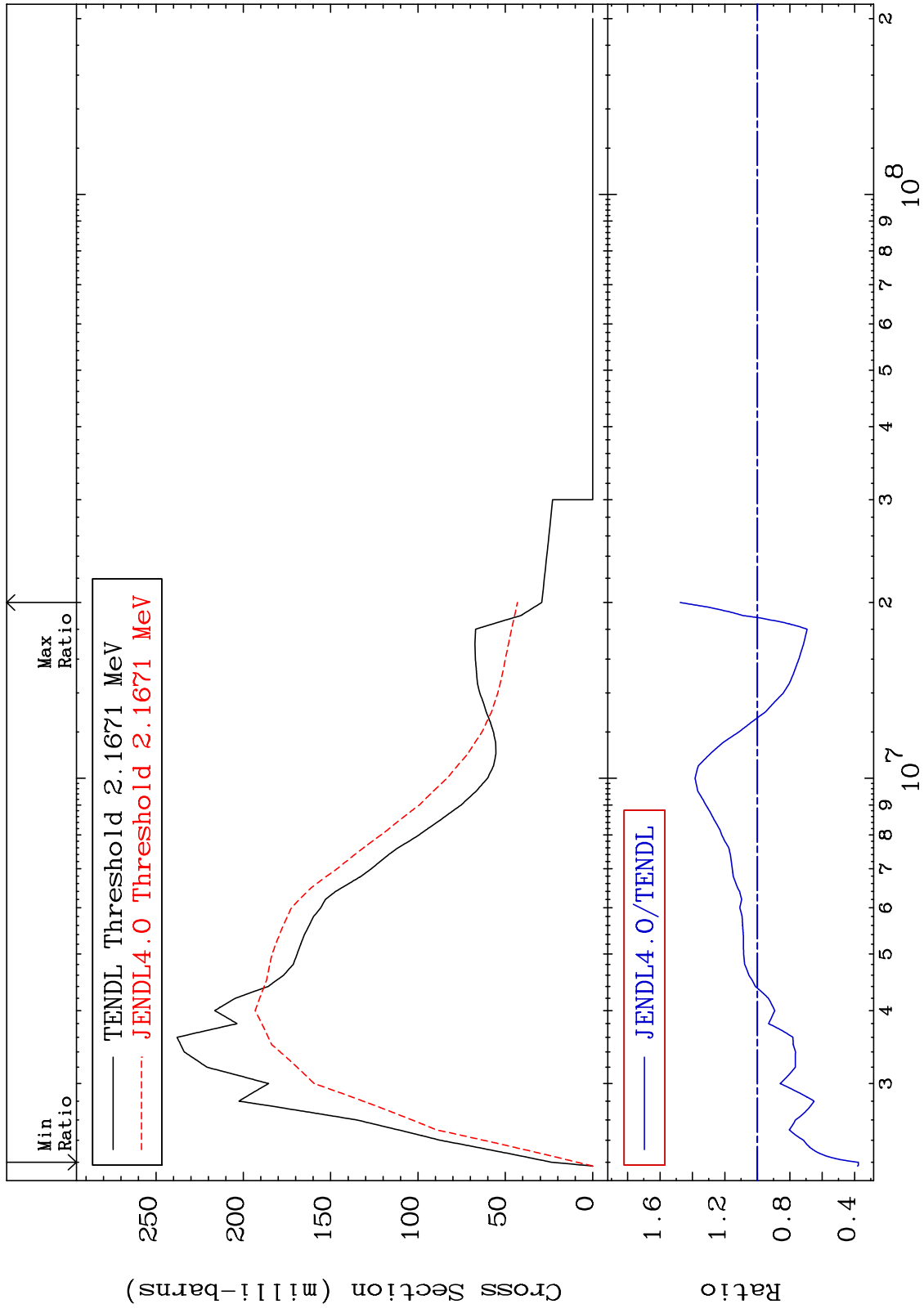
MAT 1125

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

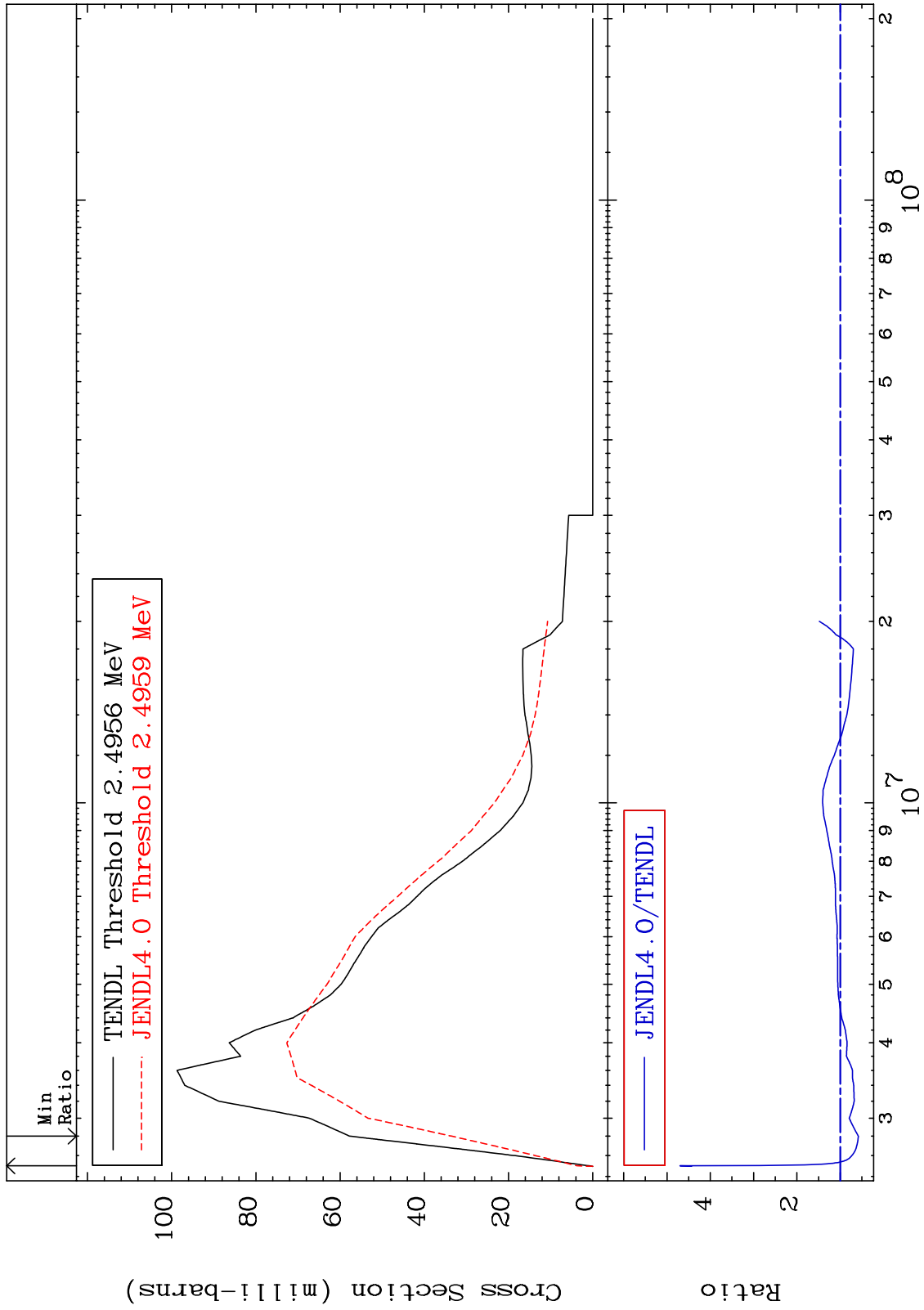
11-Na-23
-98.63 To 1076. %



MAT 1125 MT= 52 (n,n') Level Cross Section 11-Na-23 -62.32 To 47.68 %

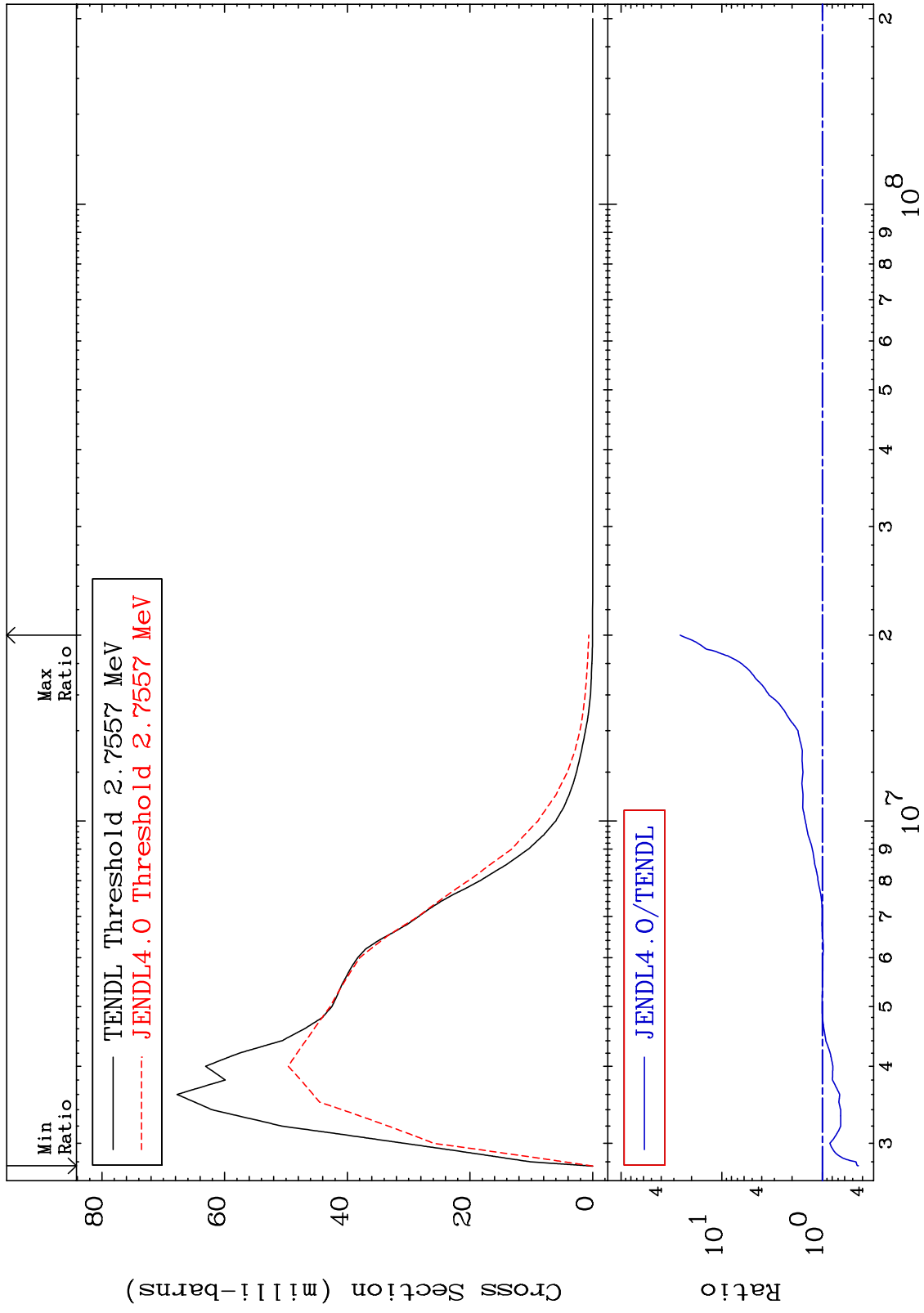


MAT 1125 MT= 53 (n,n') Level Cross Section 11-Na-23
-41.98 To 370.0 %



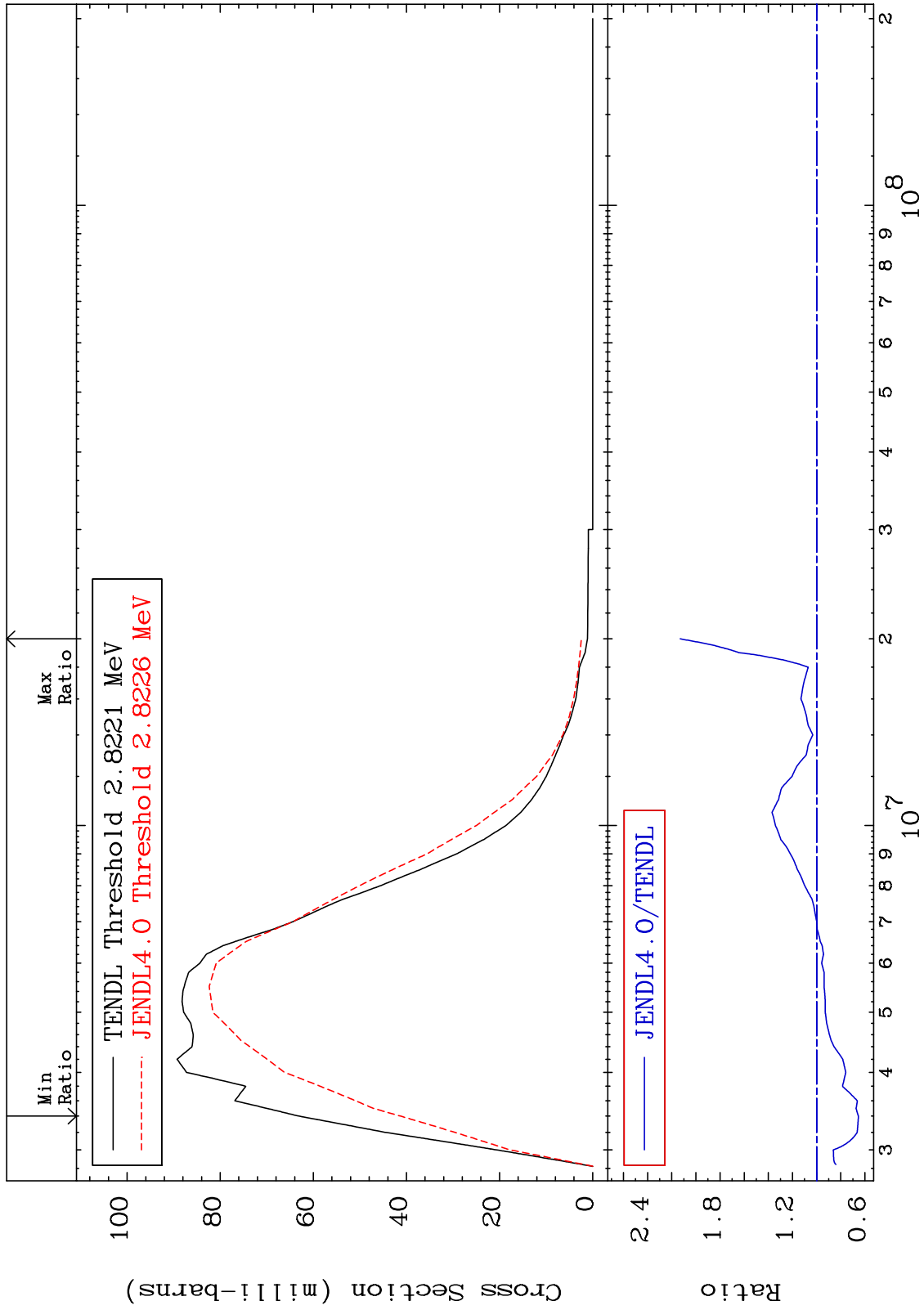
9 11-Na-23

MAT 1125 MT= 54 (n,n') Level 11-Na-23
Cross Section -56.15 To 2499. %

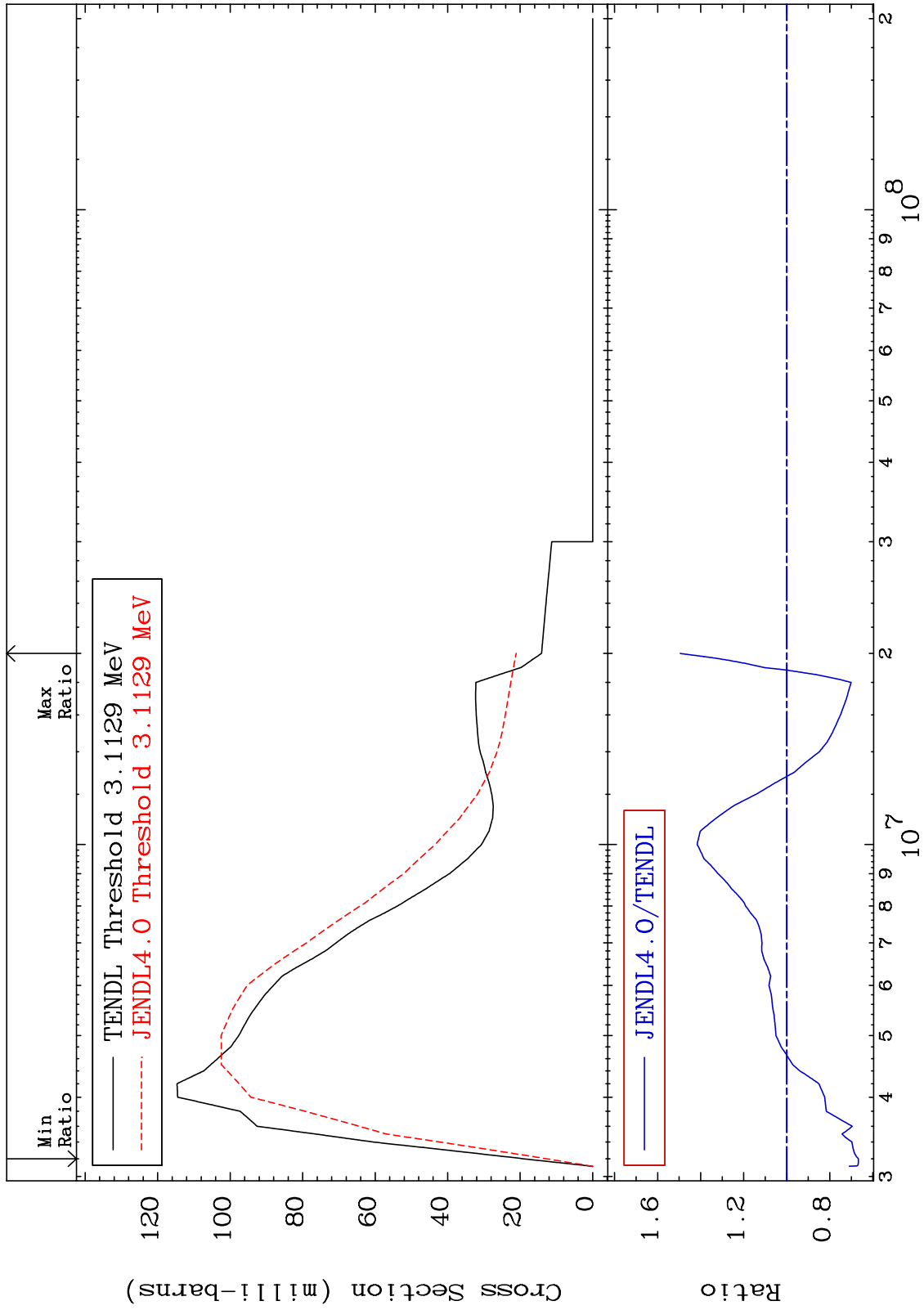


10 Incident Energy (eV) 11-Na-23

MAT 1125 MT= 55 (n,n') Level Cross Section 11-Na-23
 -34.61 To 113.2 %



MAT 1125 MT= 56 (n,n') Level Cross Section 11-Na-23
 -33.30 To 49.59 %

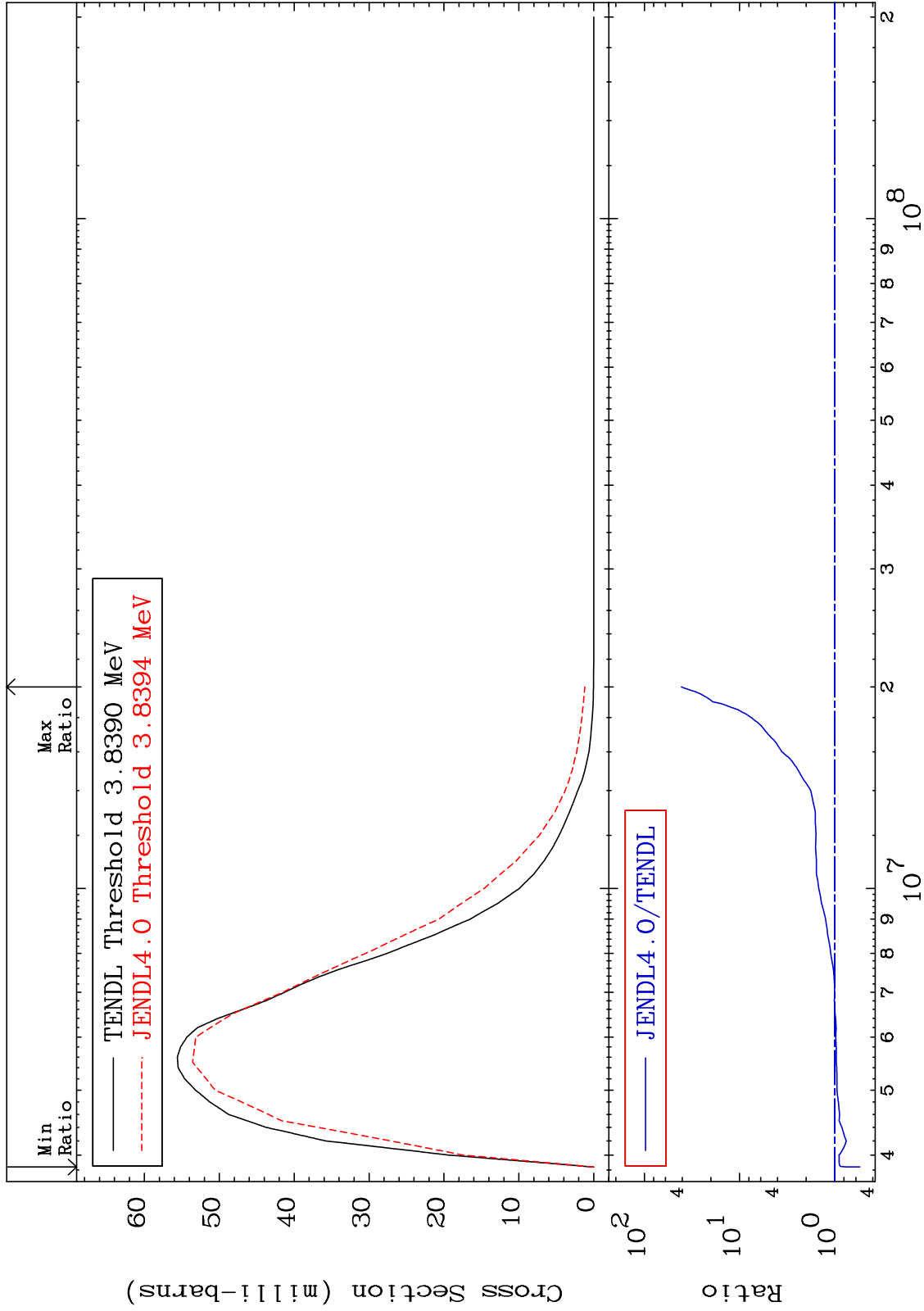


12 Incident Energy (eV) 11-Na-23

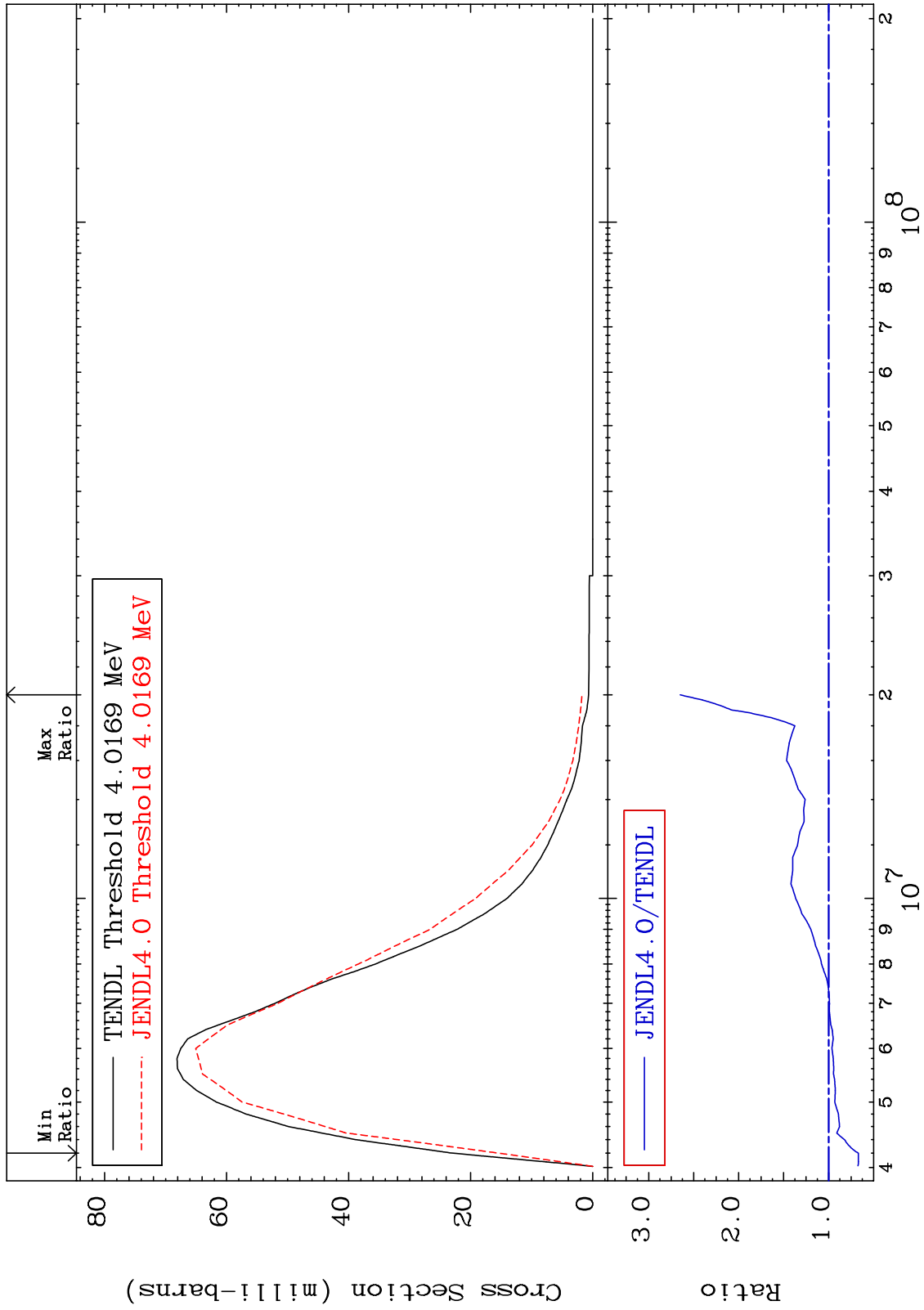
MAT 1125

MT= 57 (n,n') Level
Cross Section

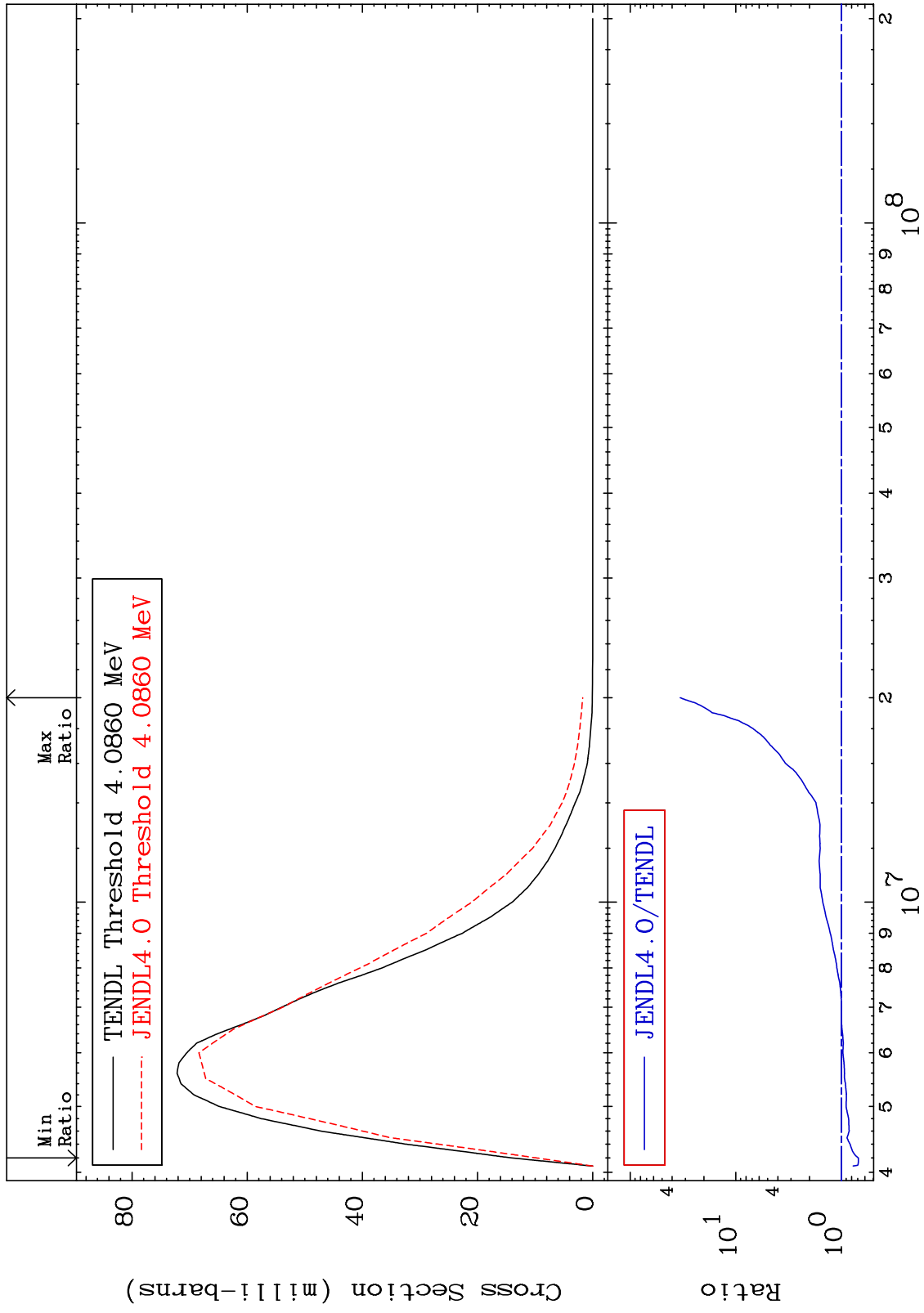
11-Na-23
-45.57 To 4002. %



MAT 1125 MT= 58 (n,n') Level Cross Section 11-Na-23
-33.11 To 165.2 %



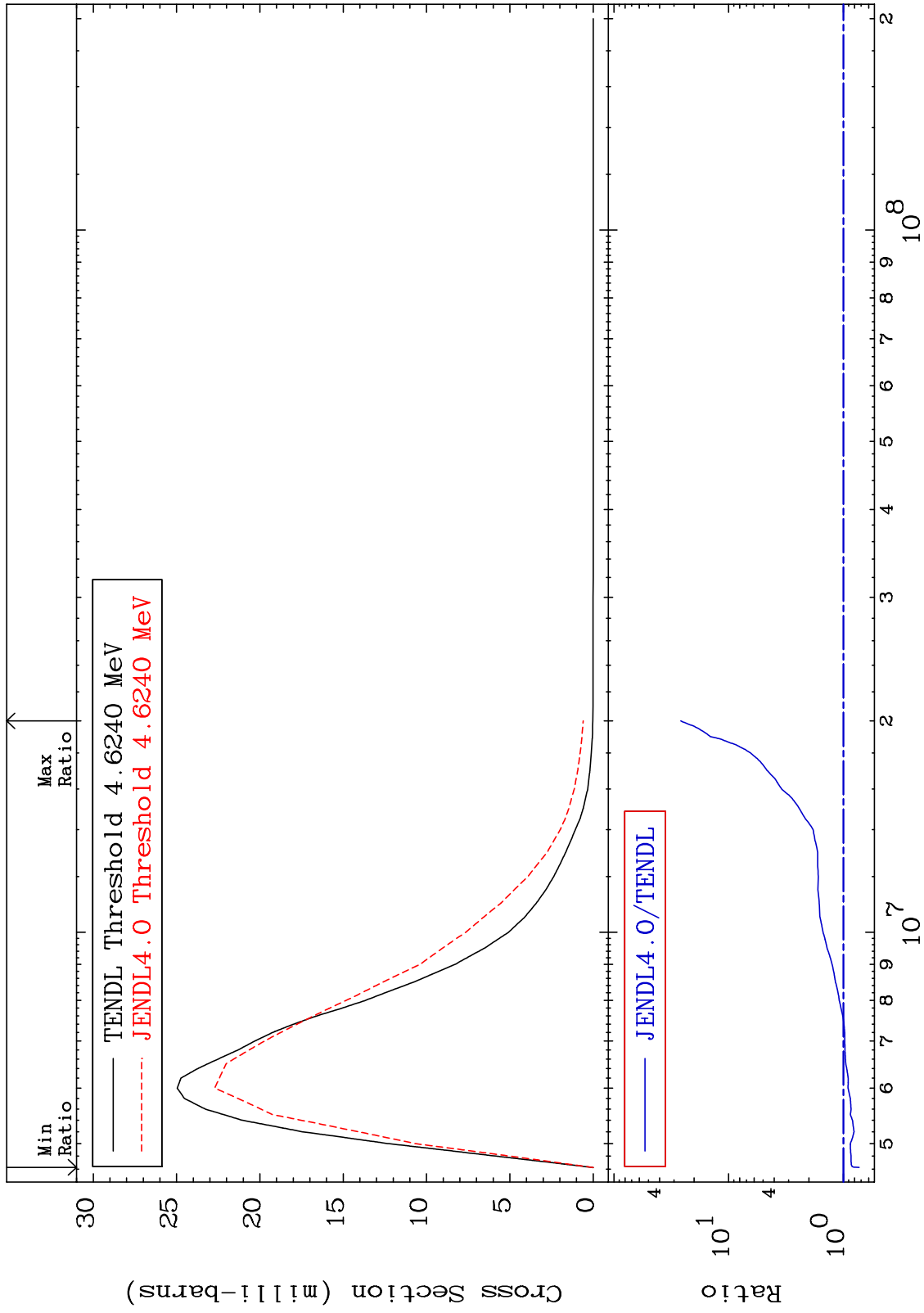
MAT 1125 MT= 59 (n,n') Level Cross Section 11-Na-23
 -30.97 To 3273. %



MAT 1125

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

11-Na-23
-27.22 To 2522. %

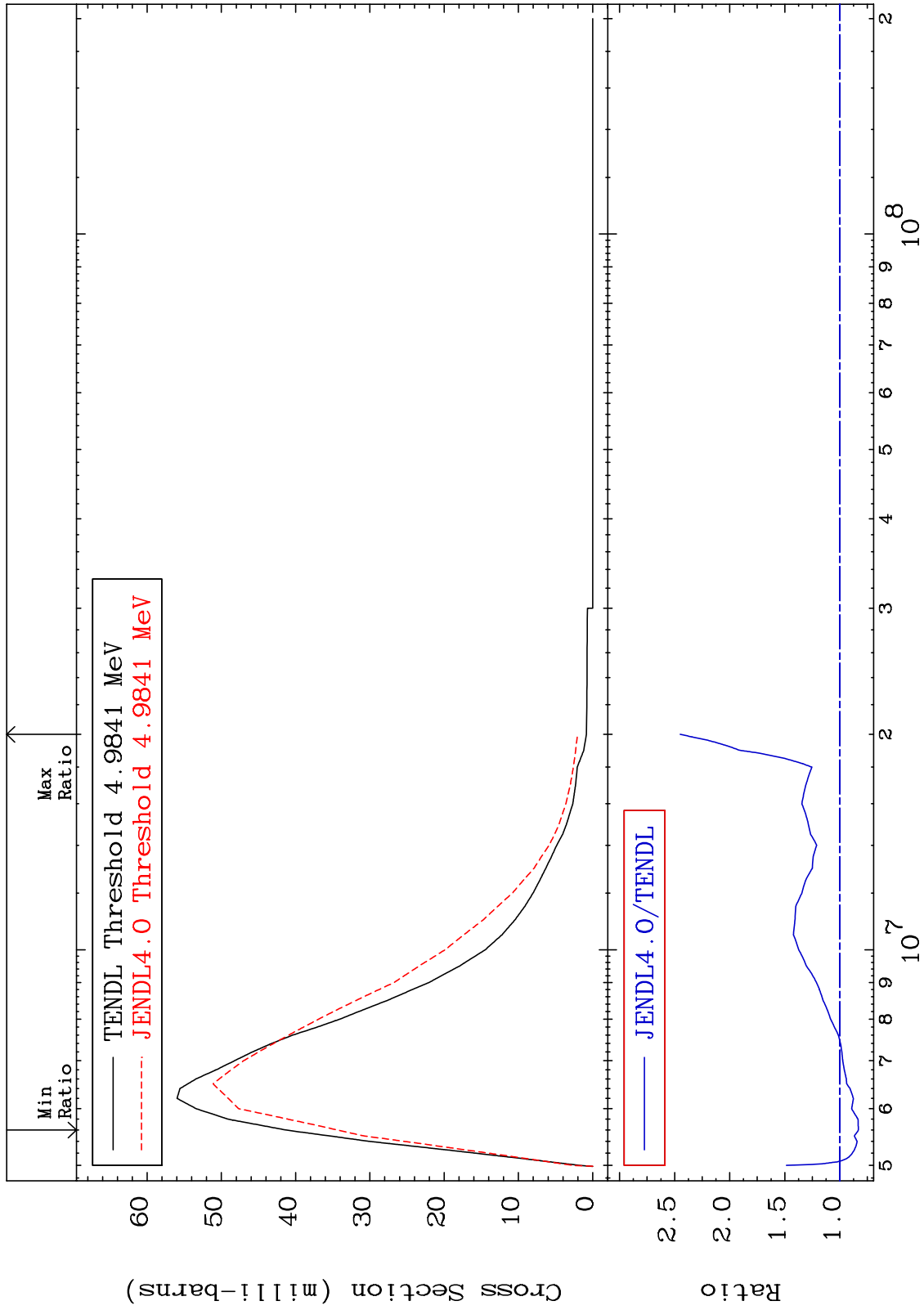


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Incident Energy (eV)

11-Na-23

MAT 1125 MT= 61 (n,n') Level Cross Section 11-Na-23
-16.85 To 145.1 %

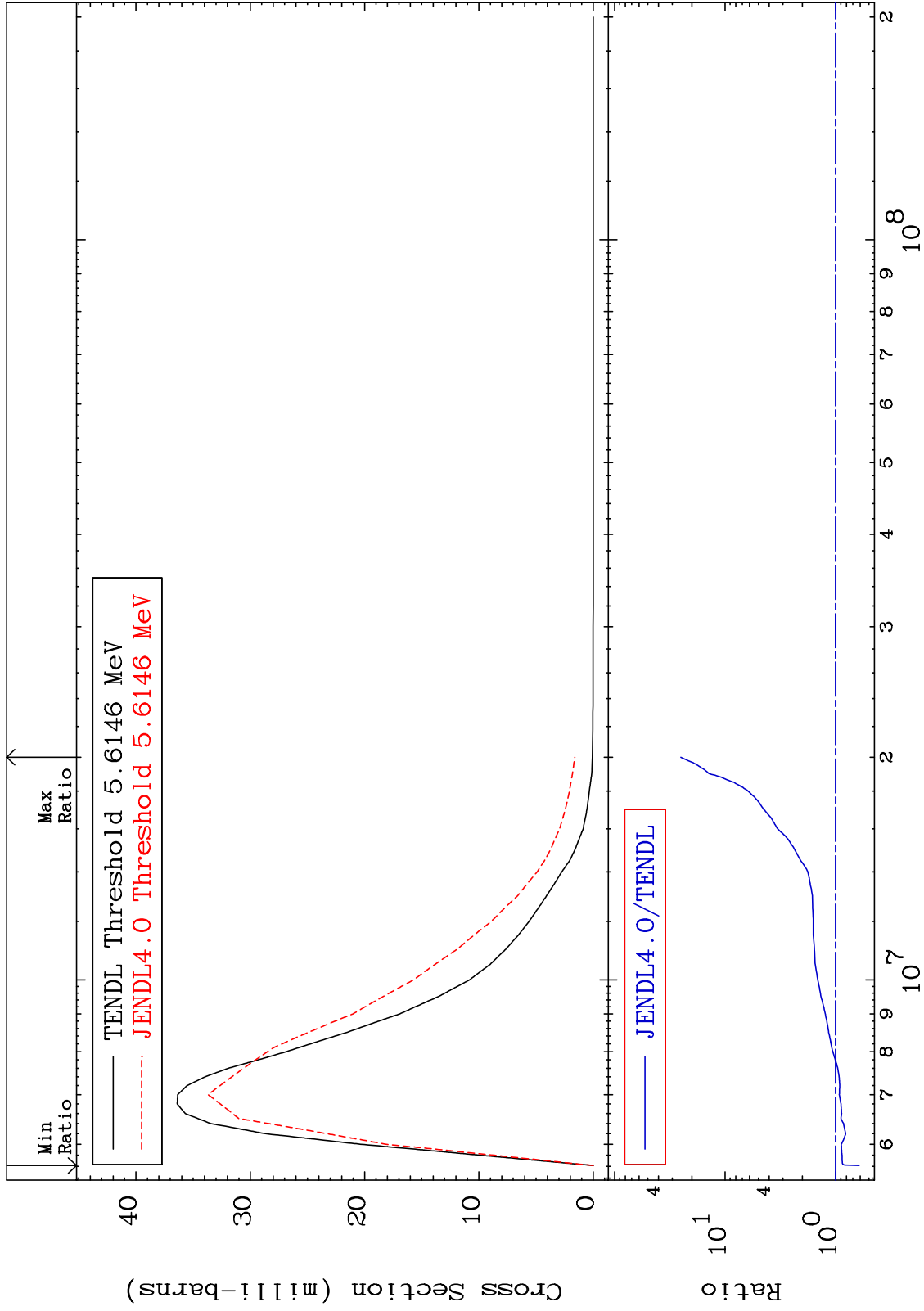


17 11-Na-23

MAT 1125

MT= 62 (n,n') Level
Cross Section

11-Na-23
-38.69 To 2426. %



18

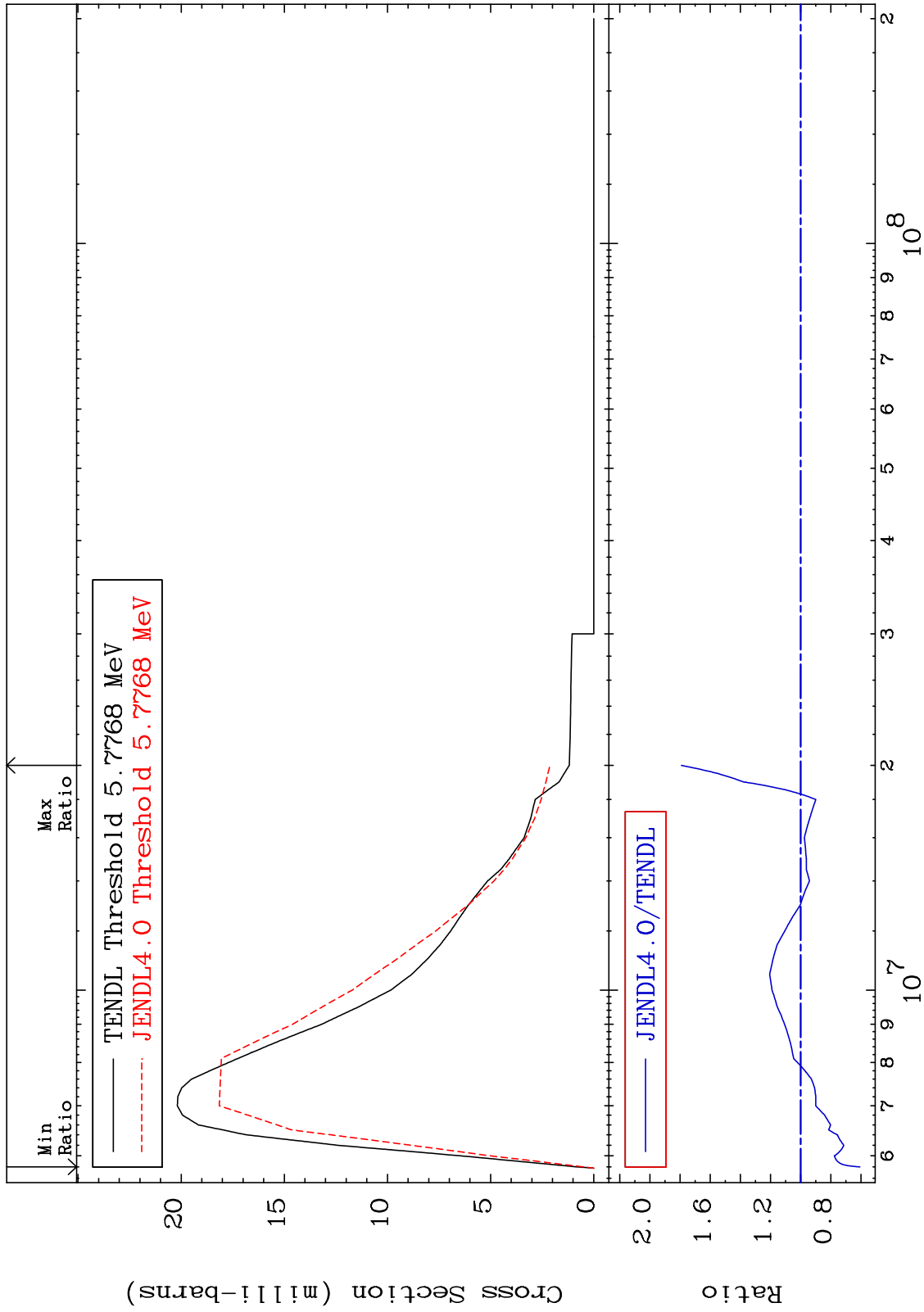
Incident Energy (eV)

11-Na-23

MAT 1125

MT= 63 (n,n') Level
Cross Section

11-Na-23
-39.35 To 79.17 %



19

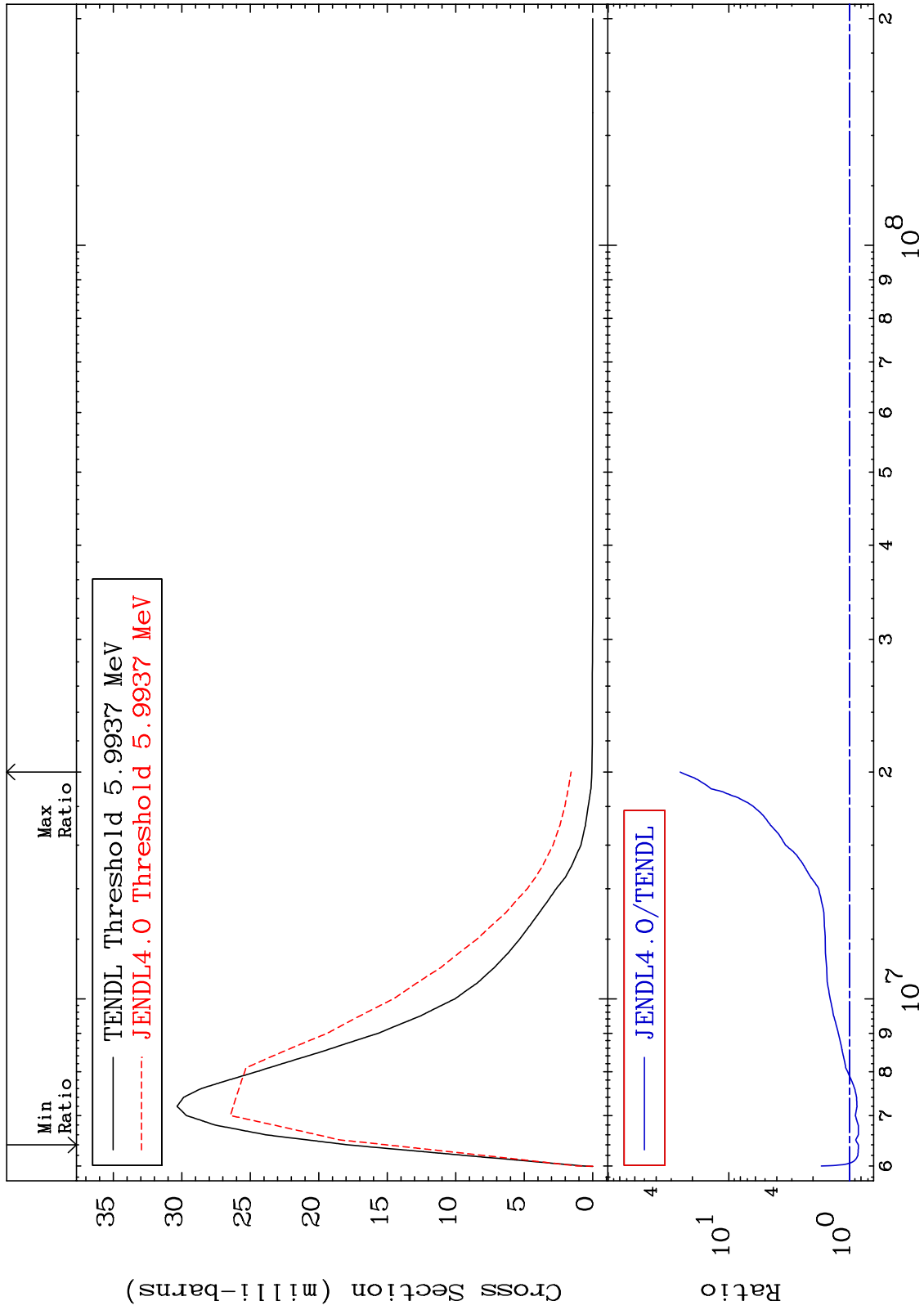
Incident Energy (eV)

11-Na-23

MAT 1125

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

11-Na-23
-15.86 To 2434. %



20

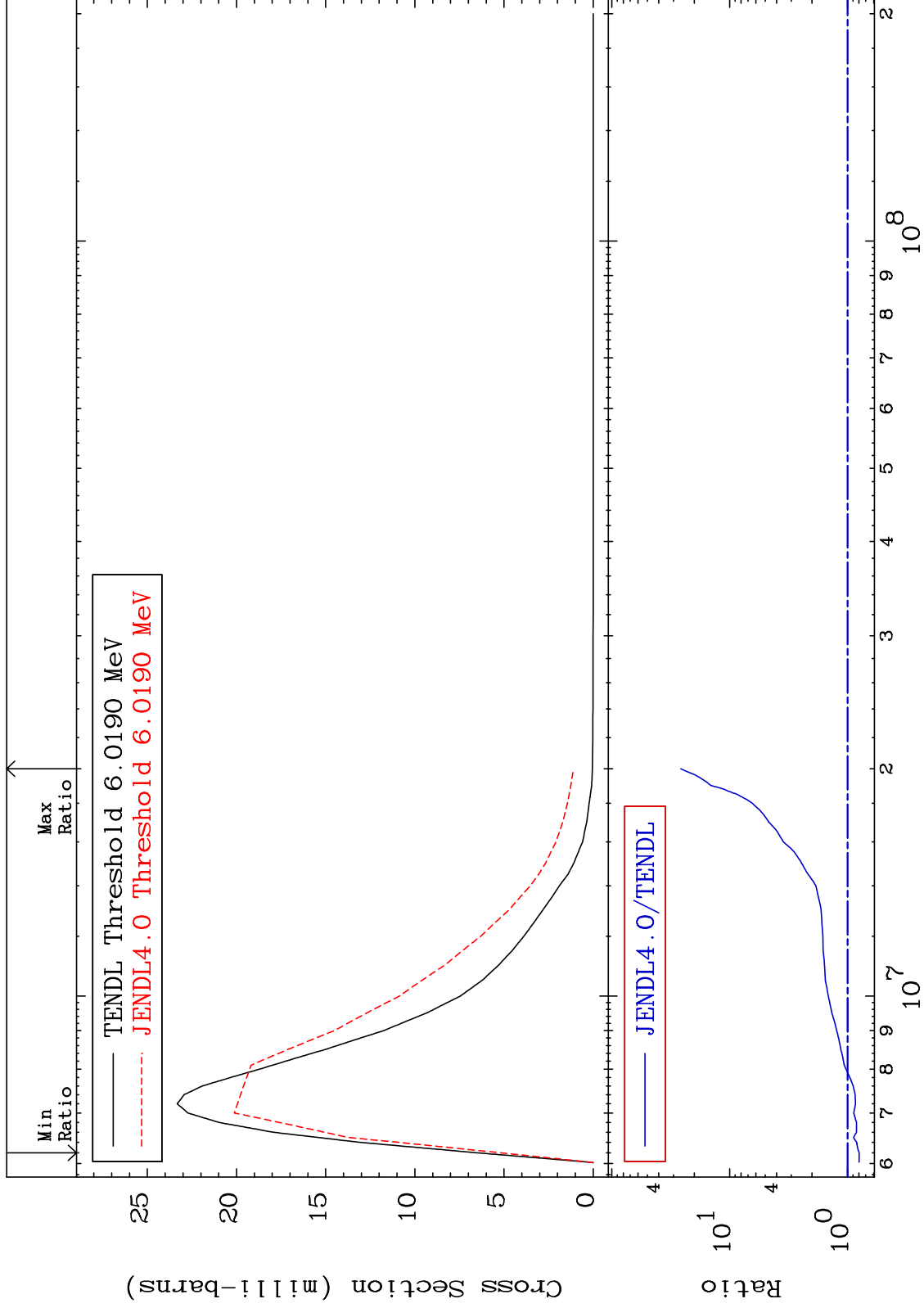
11-Na-23

11-Na-23

MAT 1125

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

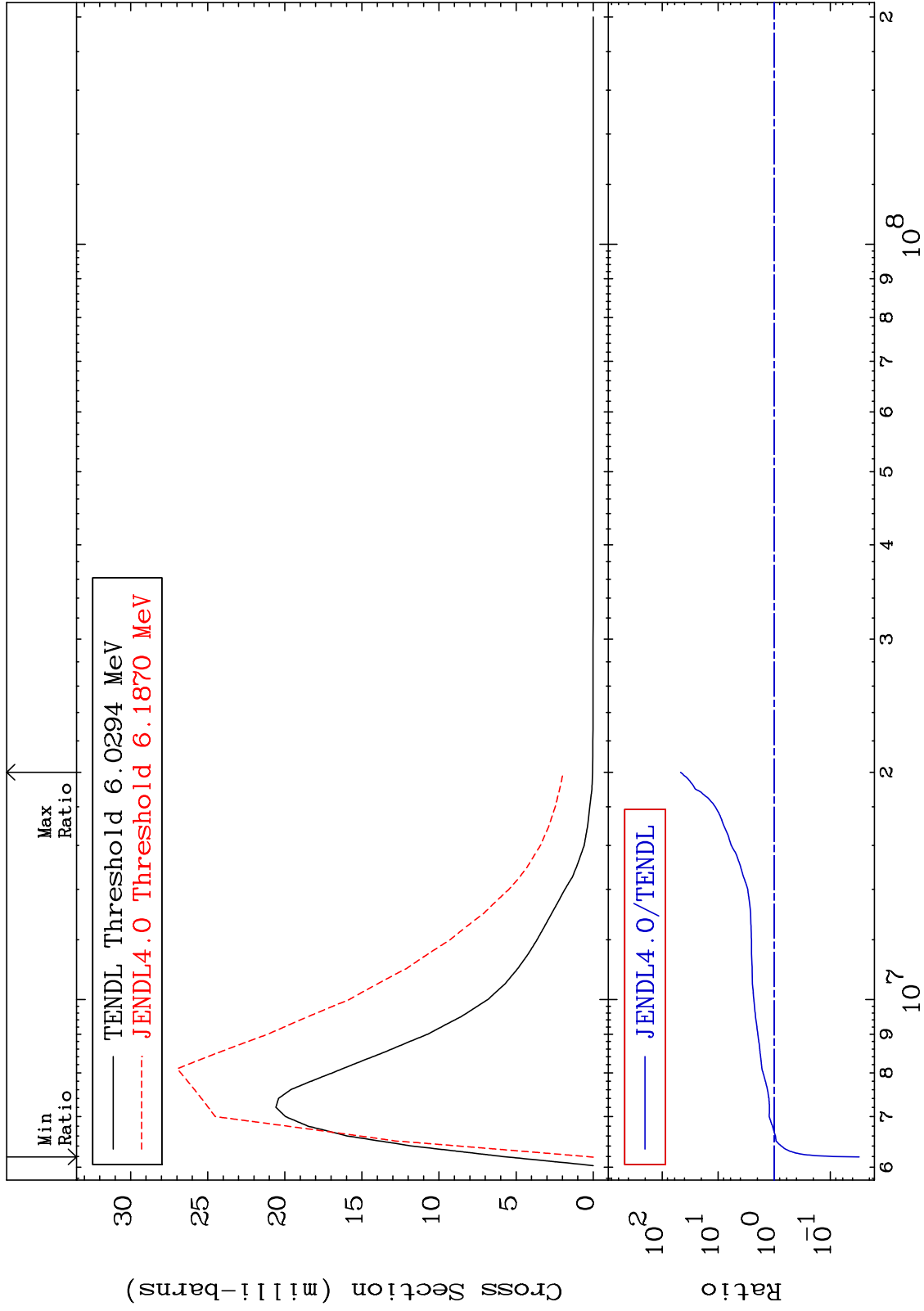
11-Na-23
-20.36 To 2509. %



MAT 1125

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

11-Na-23
-96.95 To 4577. %



22

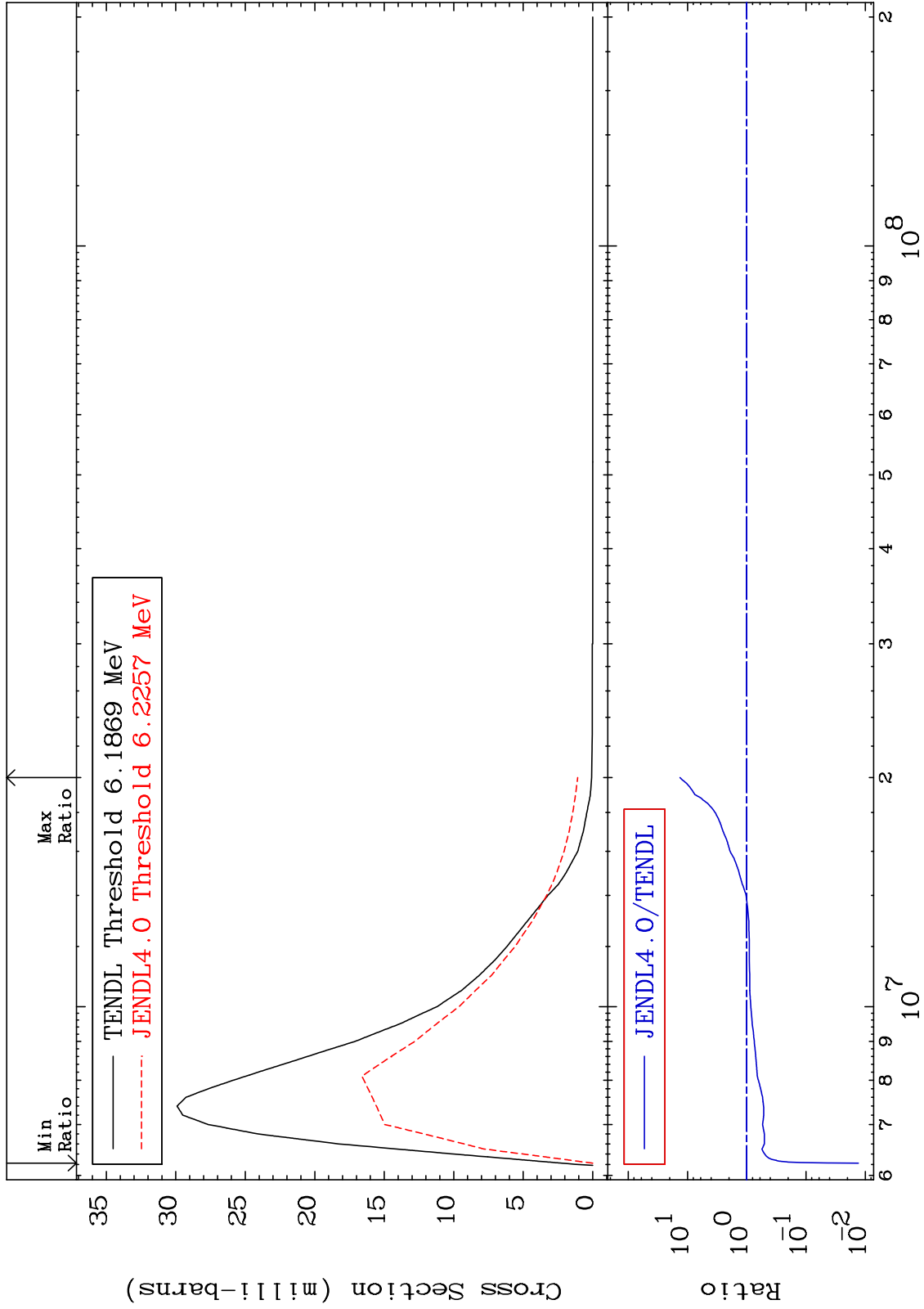
Incident Energy (eV)

11-Na-23

MAT 1125

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

11-Na-23
-98.69 To 1239. %



23

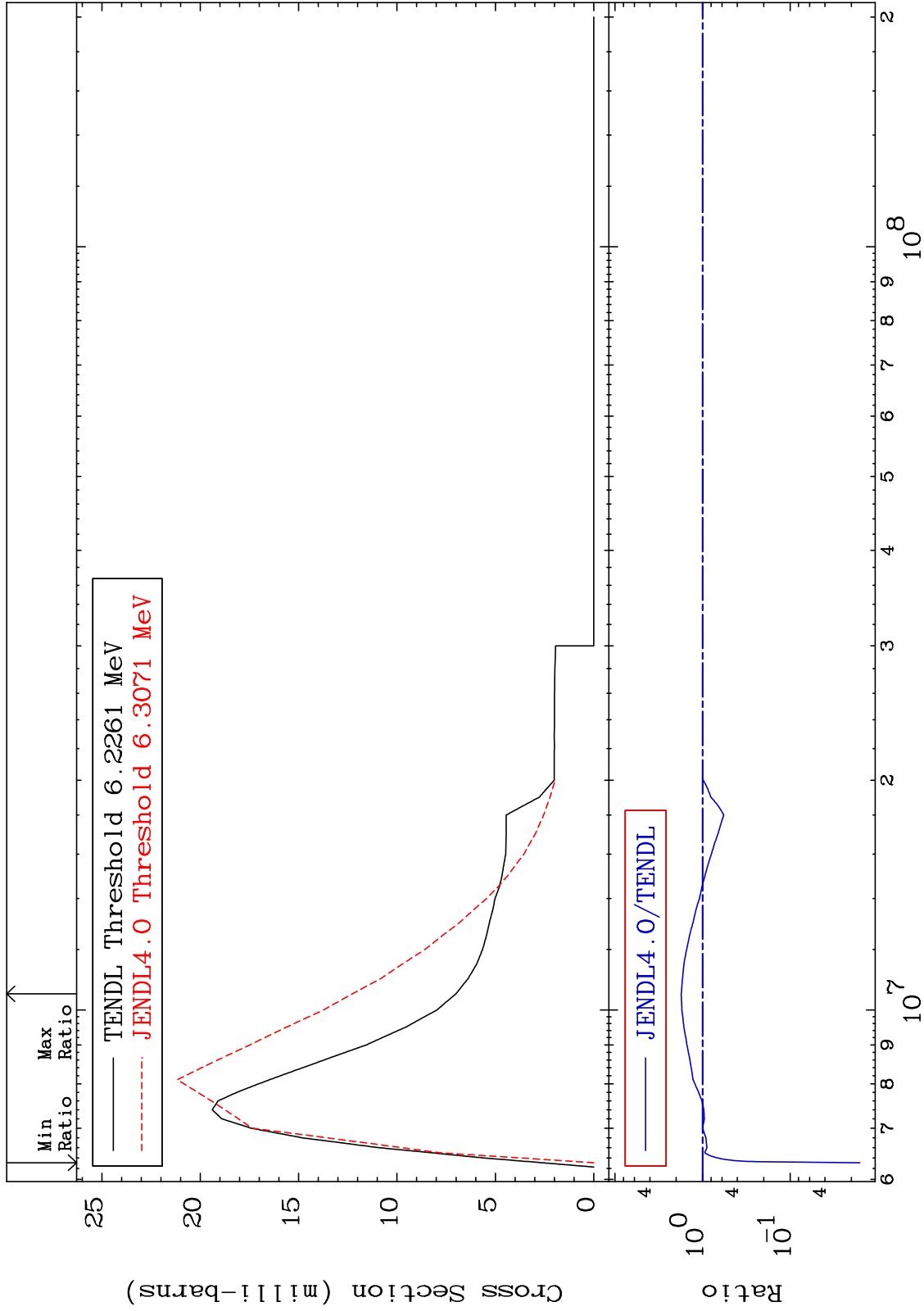
Incident Energy (eV)

11-Na-23

MAT 1125

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

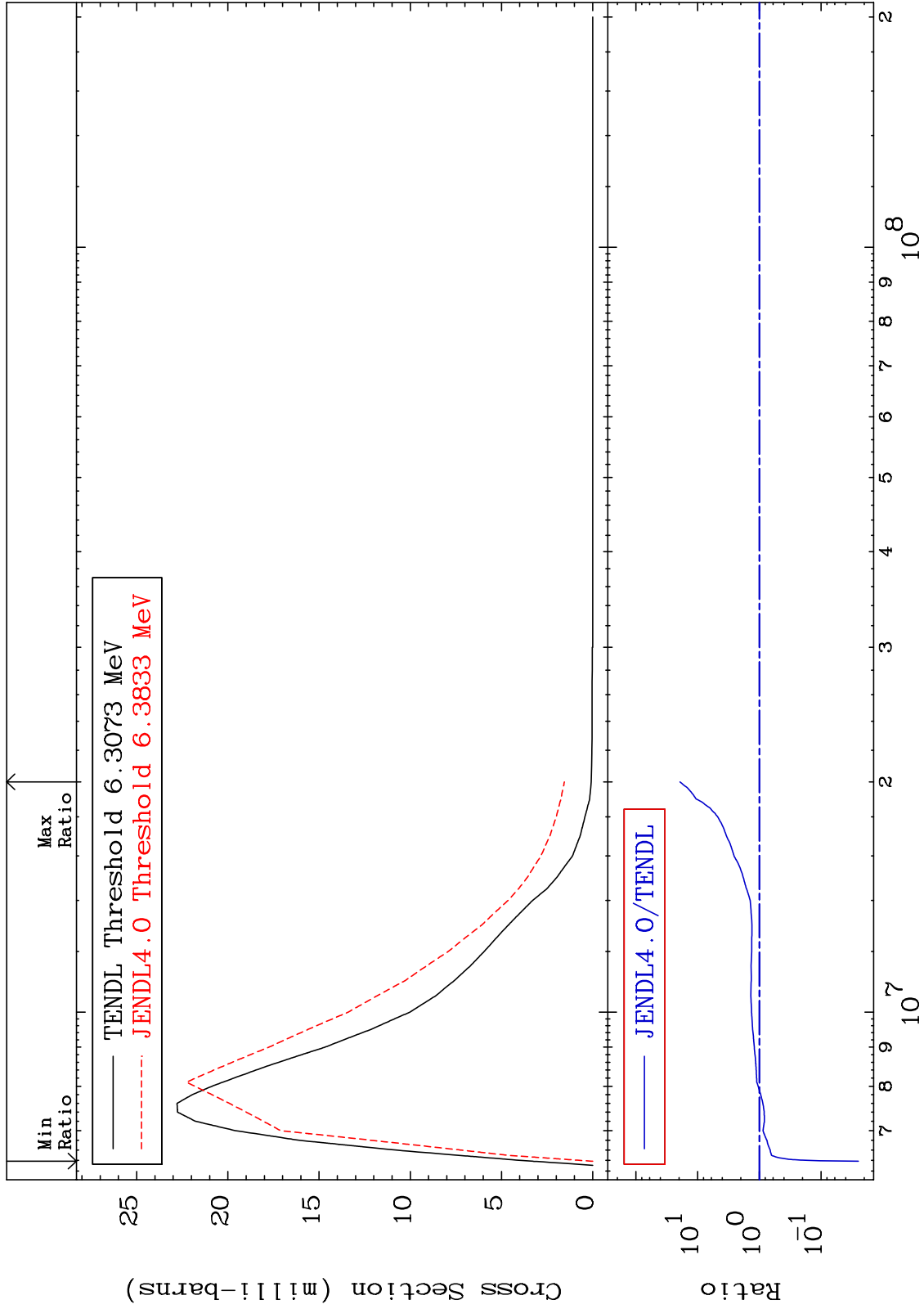
11-Na-23
-98.41 To 75.15 %



MAT 1125

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

11-Na-23
-97.52 To 1826. %



25

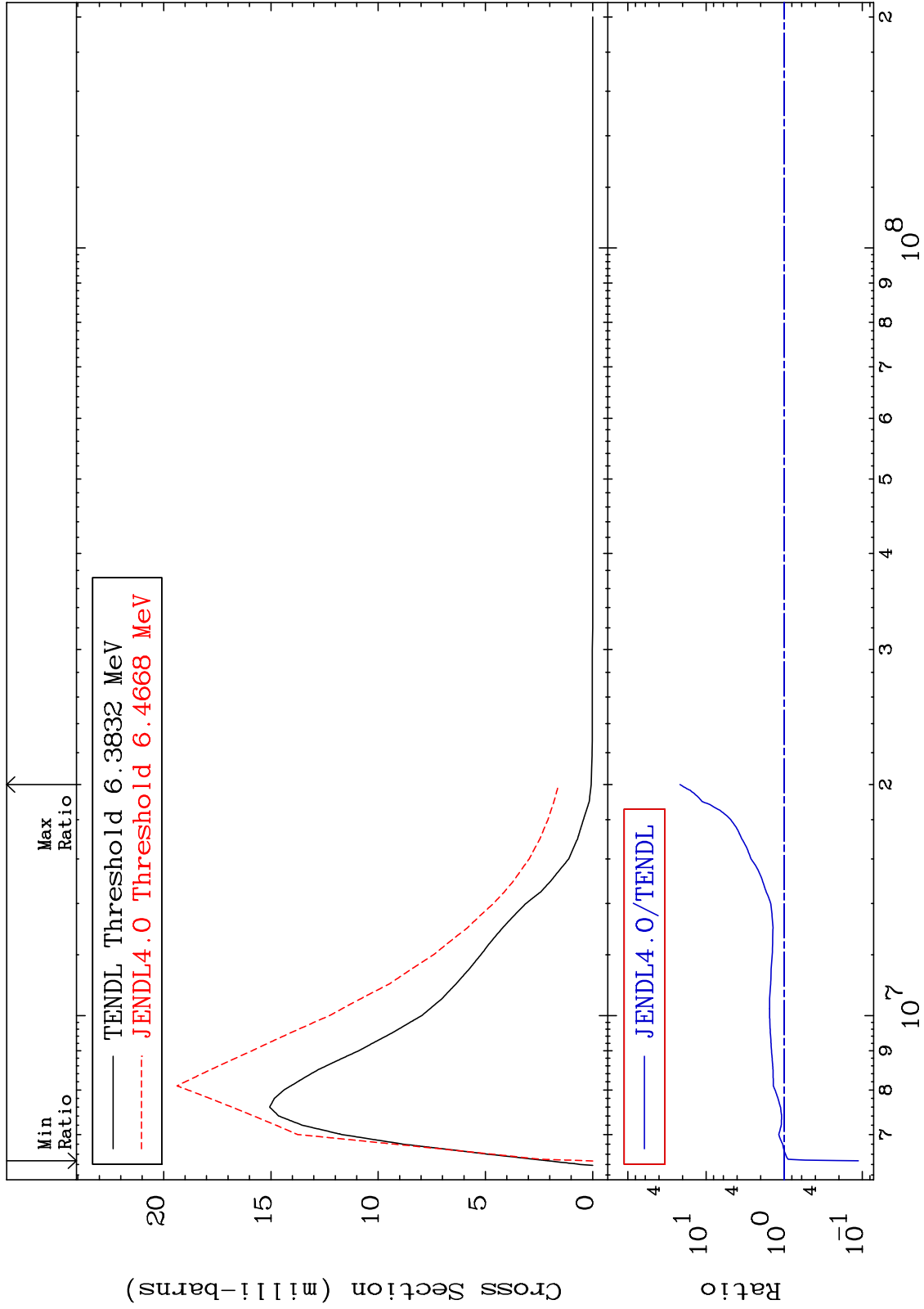
Incident Energy (eV)

11-Na-23

MAT 1125

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

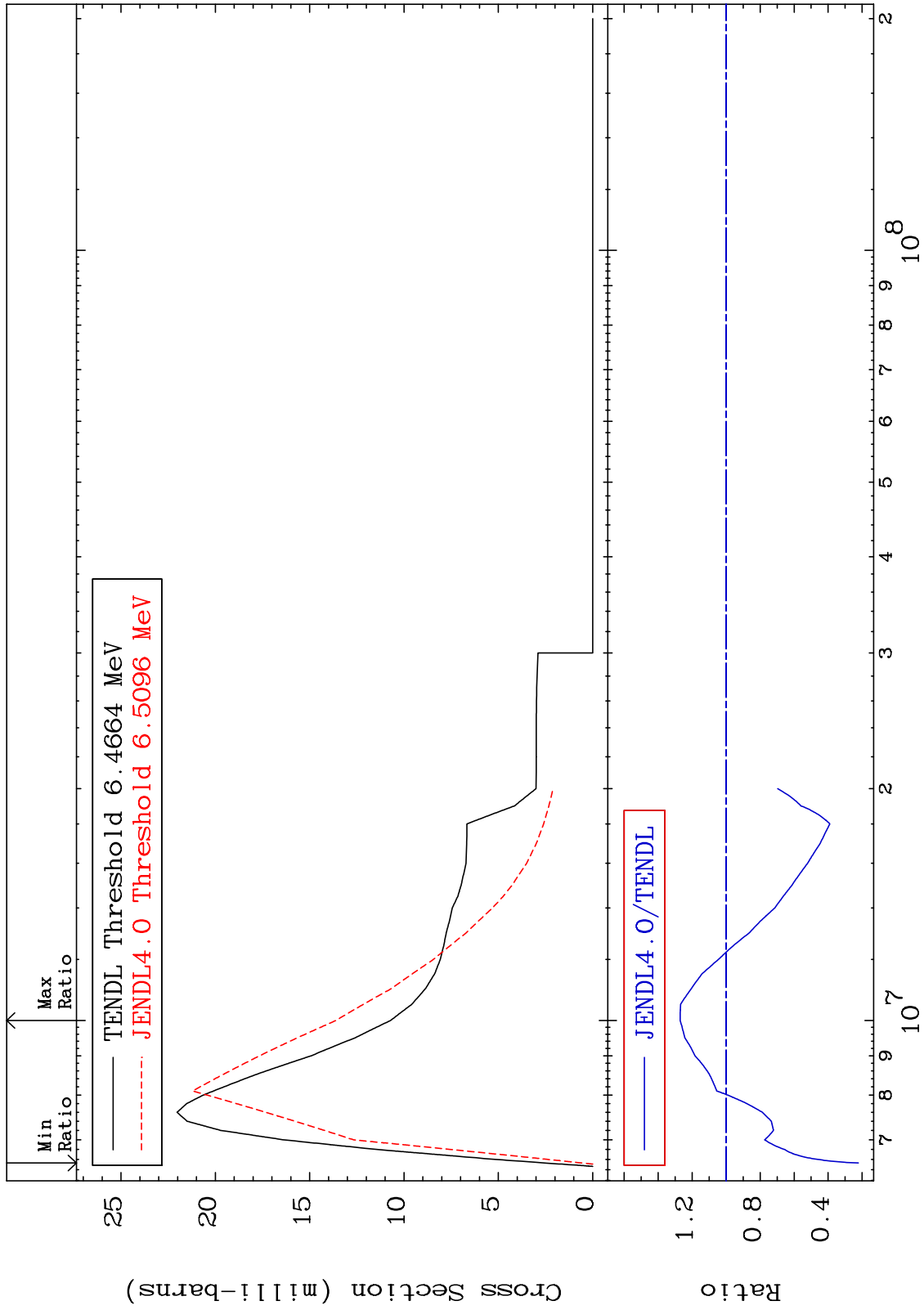
11-Na-23
-88.76 To 2052. %



MAT 1125

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

11-Na-23
-77.79 To 27.09 %



27

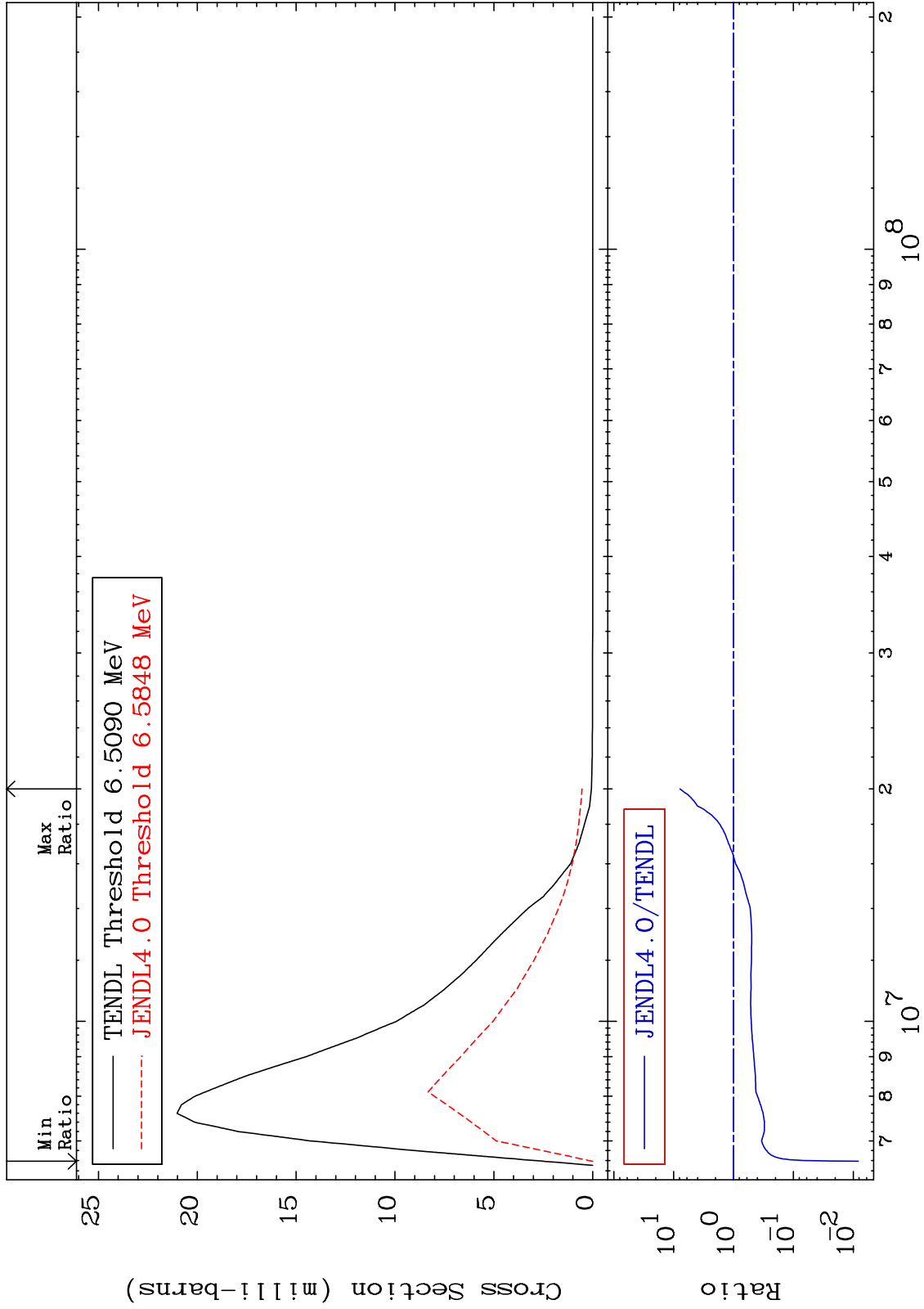
Incident Energy (eV)

11-Na-23

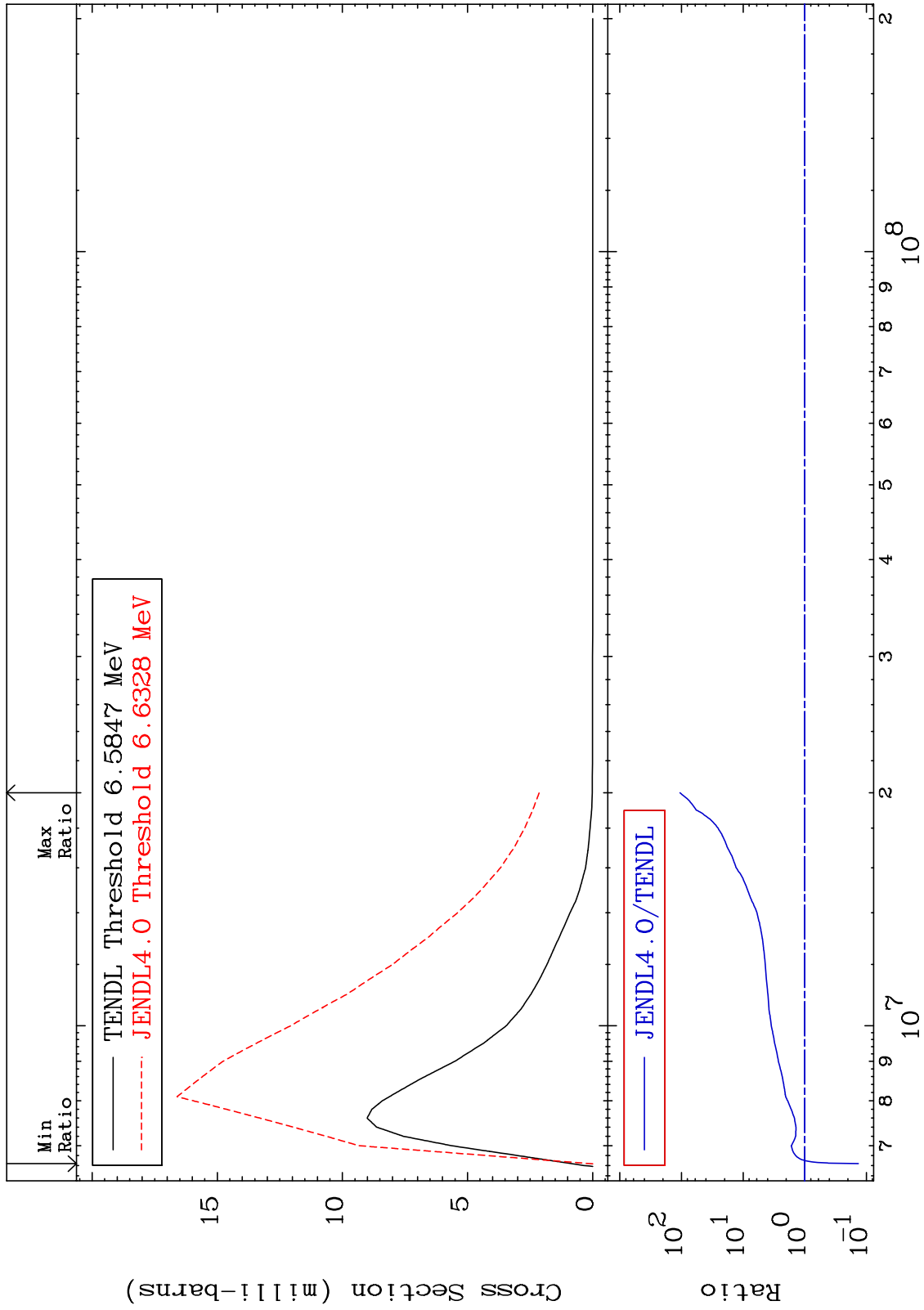
MAT 1125

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

11-Na-23
-99.18 To 684.8 %



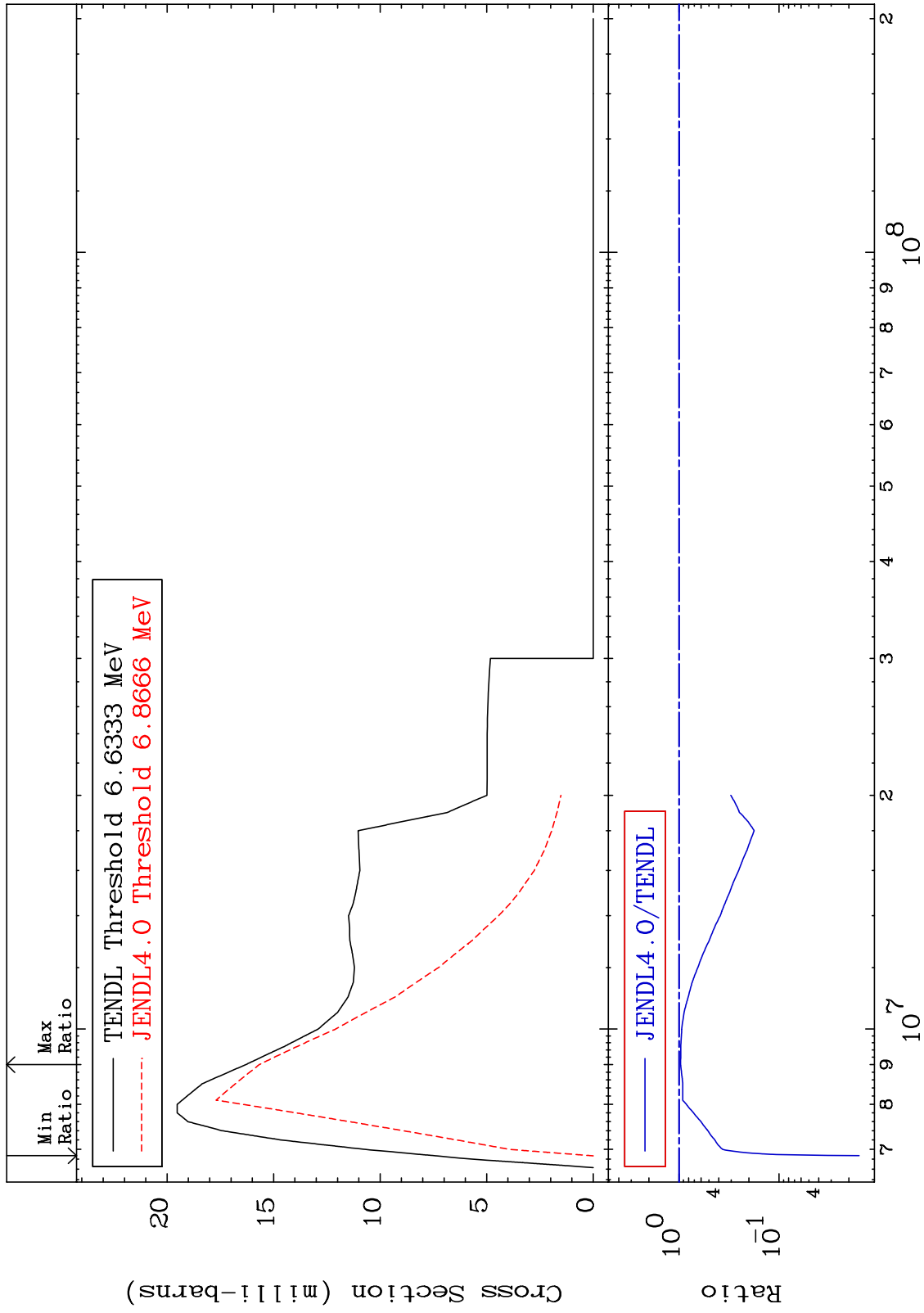
MAT 1125 MT= 73 (n,n') Level 11-Na-23
 Cross Section -86.50 To 9999. %



MAT 1125

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

11-Na-23
-98.42 To -3.838%



30

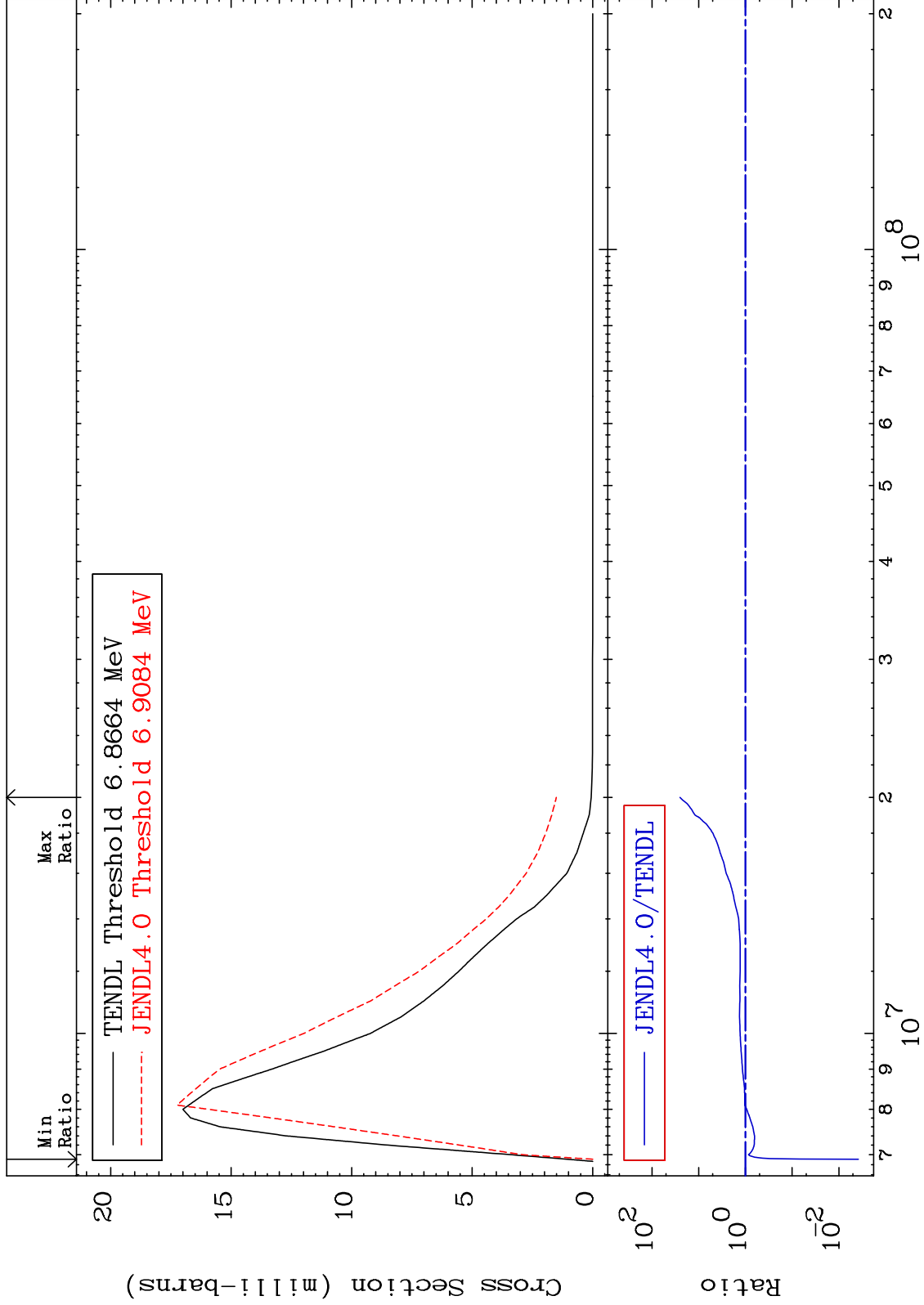
Incident Energy (eV)

11-Na-23

MAT 1125

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

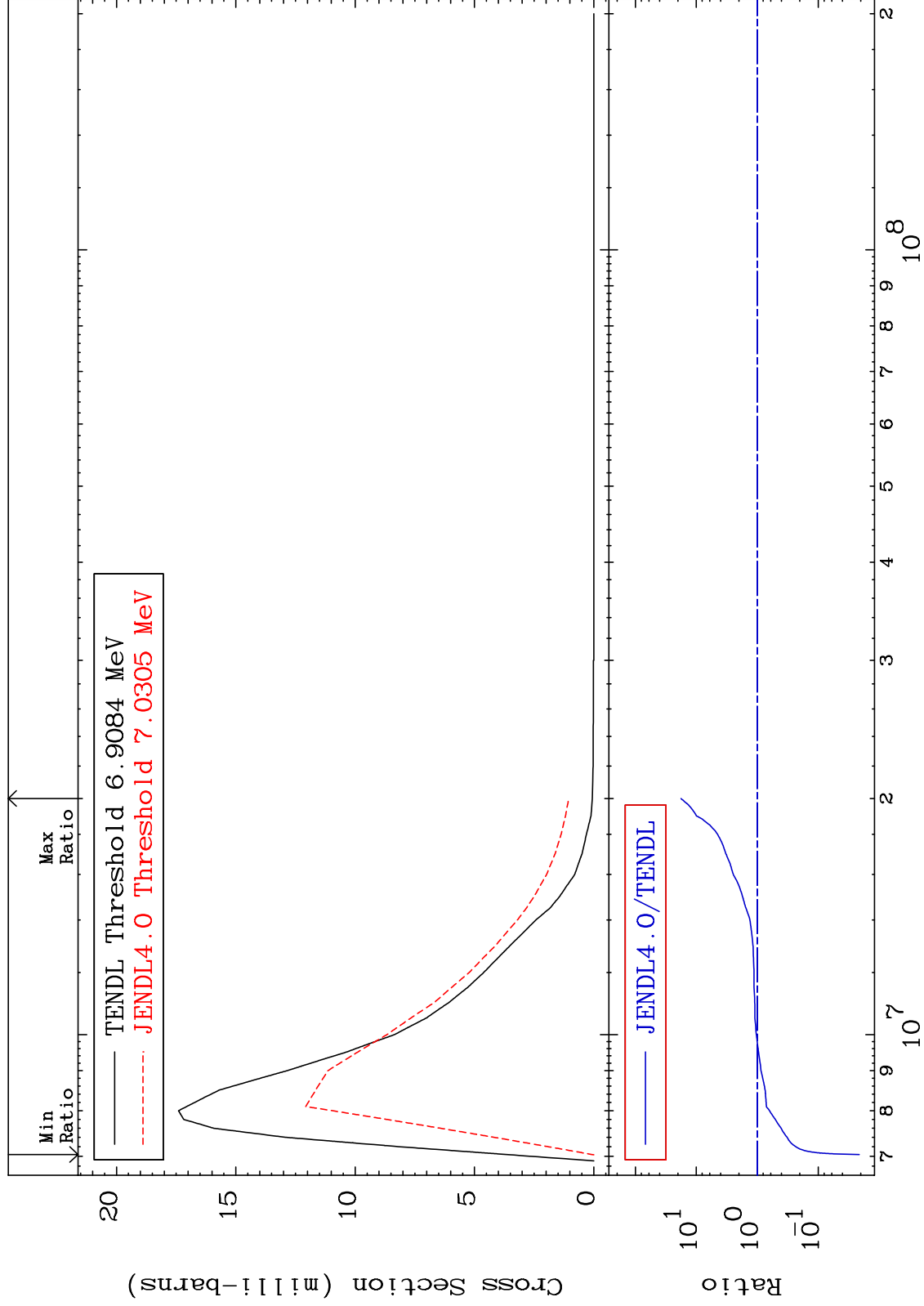
11-Na-23
-99.62 To 2407. %



MAT 1125

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

11-Na-23
-97.88 To 1680. %



32

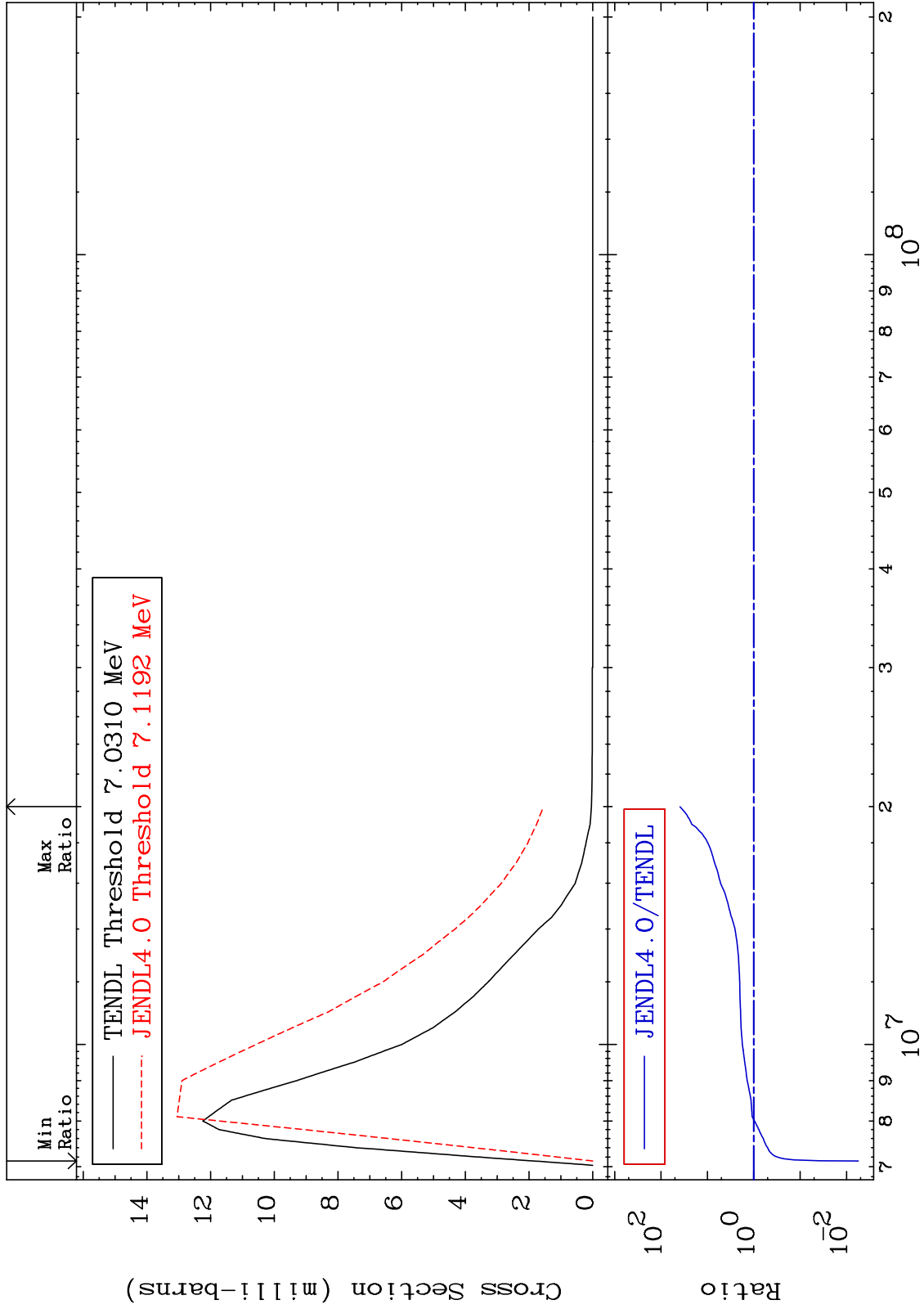
Incident Energy (eV)

11-Na-23

MAT 1125

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

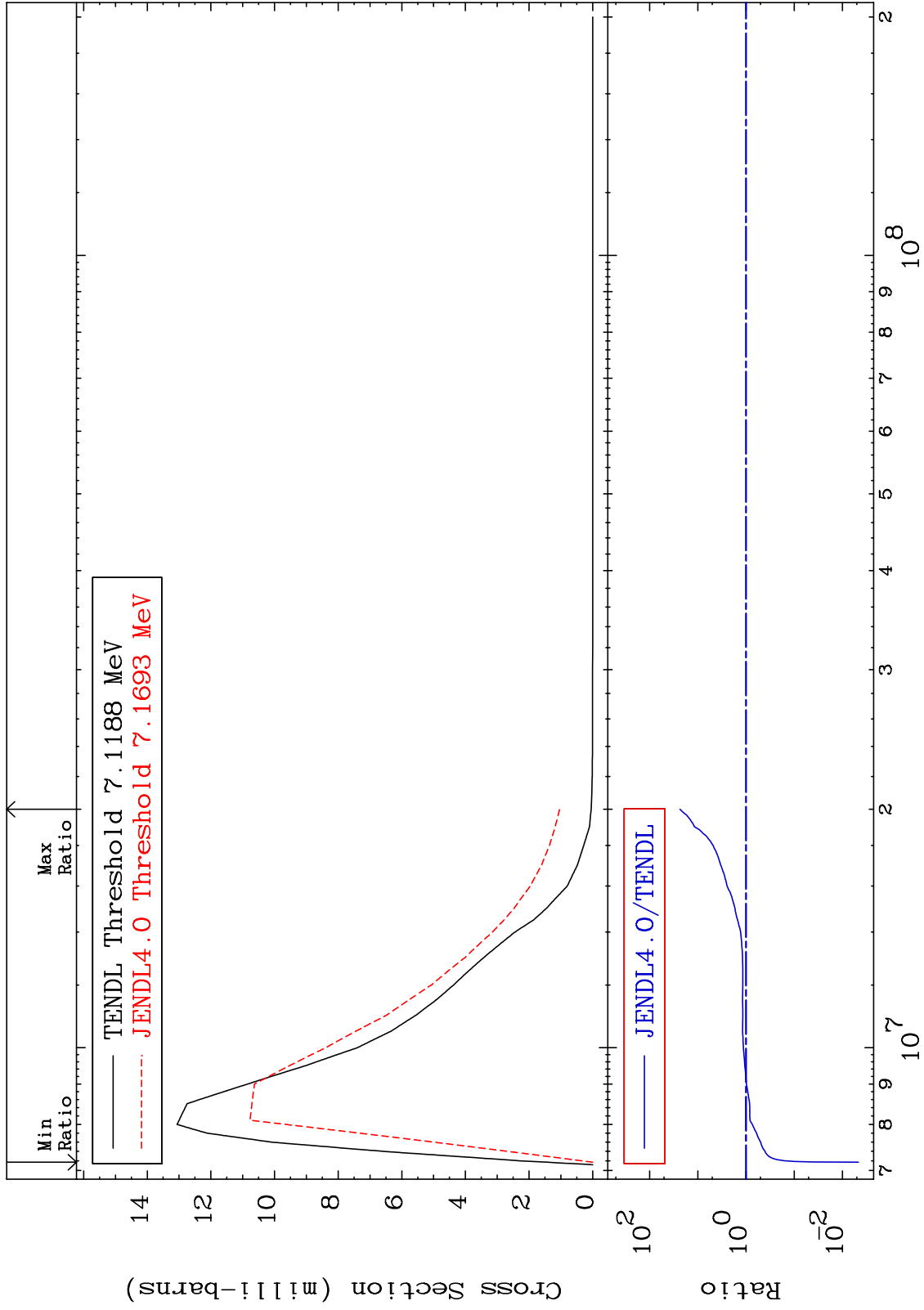
11-Na-23
-99.45 To 3789. %



MAT 1125

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

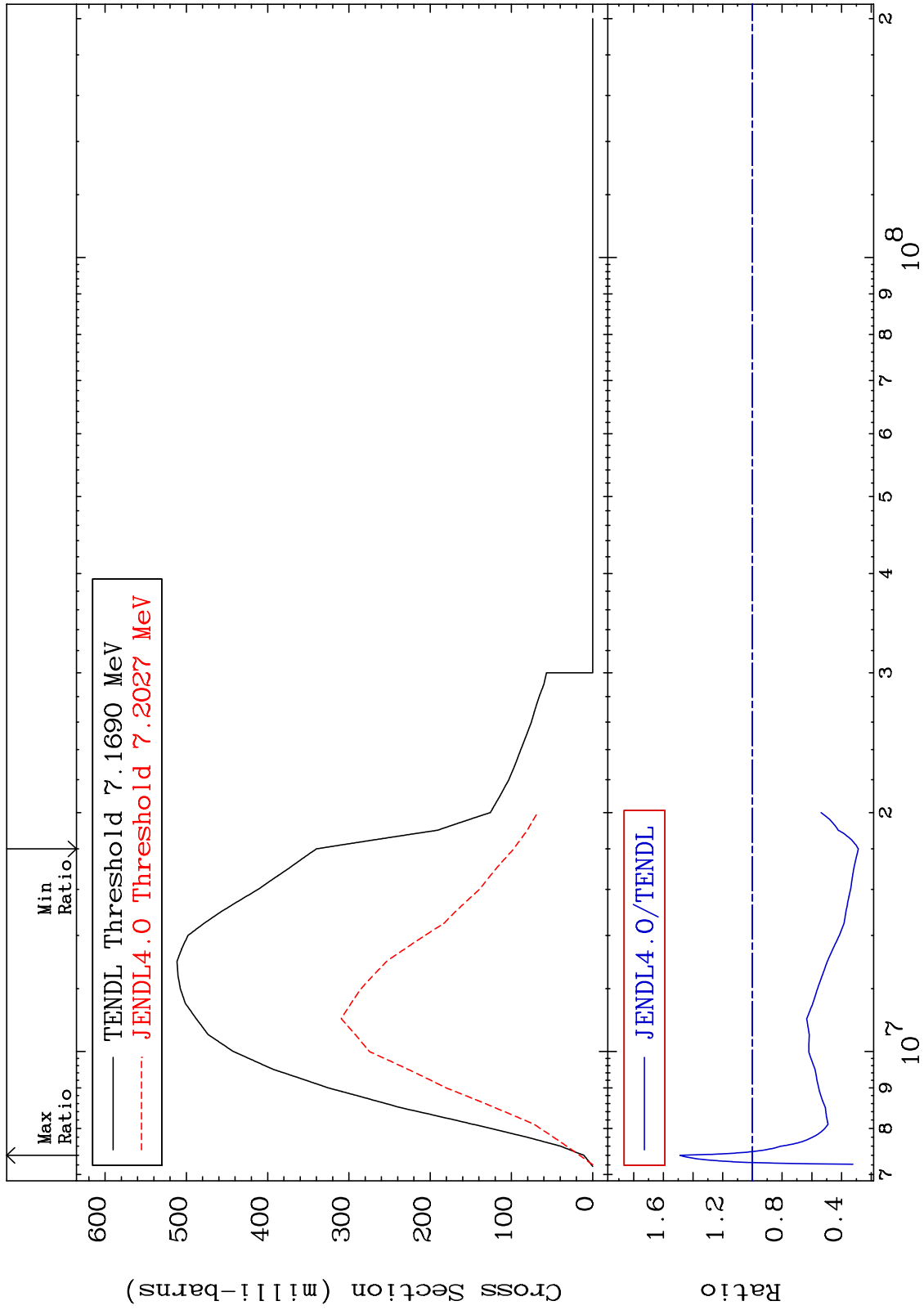
11-Na-23
-99.53 To 2233. %



MAT 1125

(n,n') Continuum
Cross Section

11-Na-23
-71.41 To 48.81 %



35

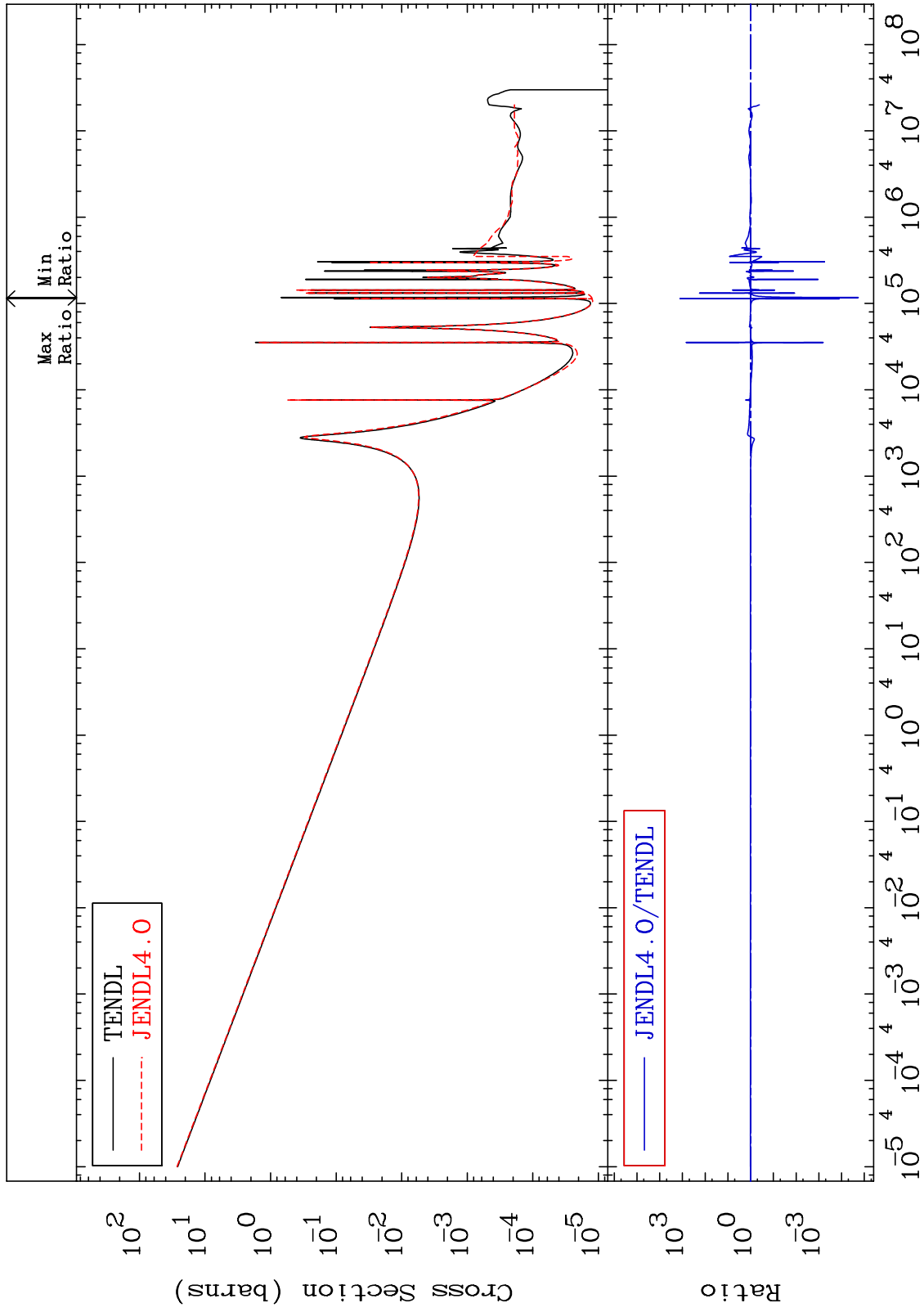
11-Na-23

MAT 1125

(n, γ)
Cross Section

11-Na-23

-100.0 To 9999. %



36

Incident Energy (eV)

11-Na-23

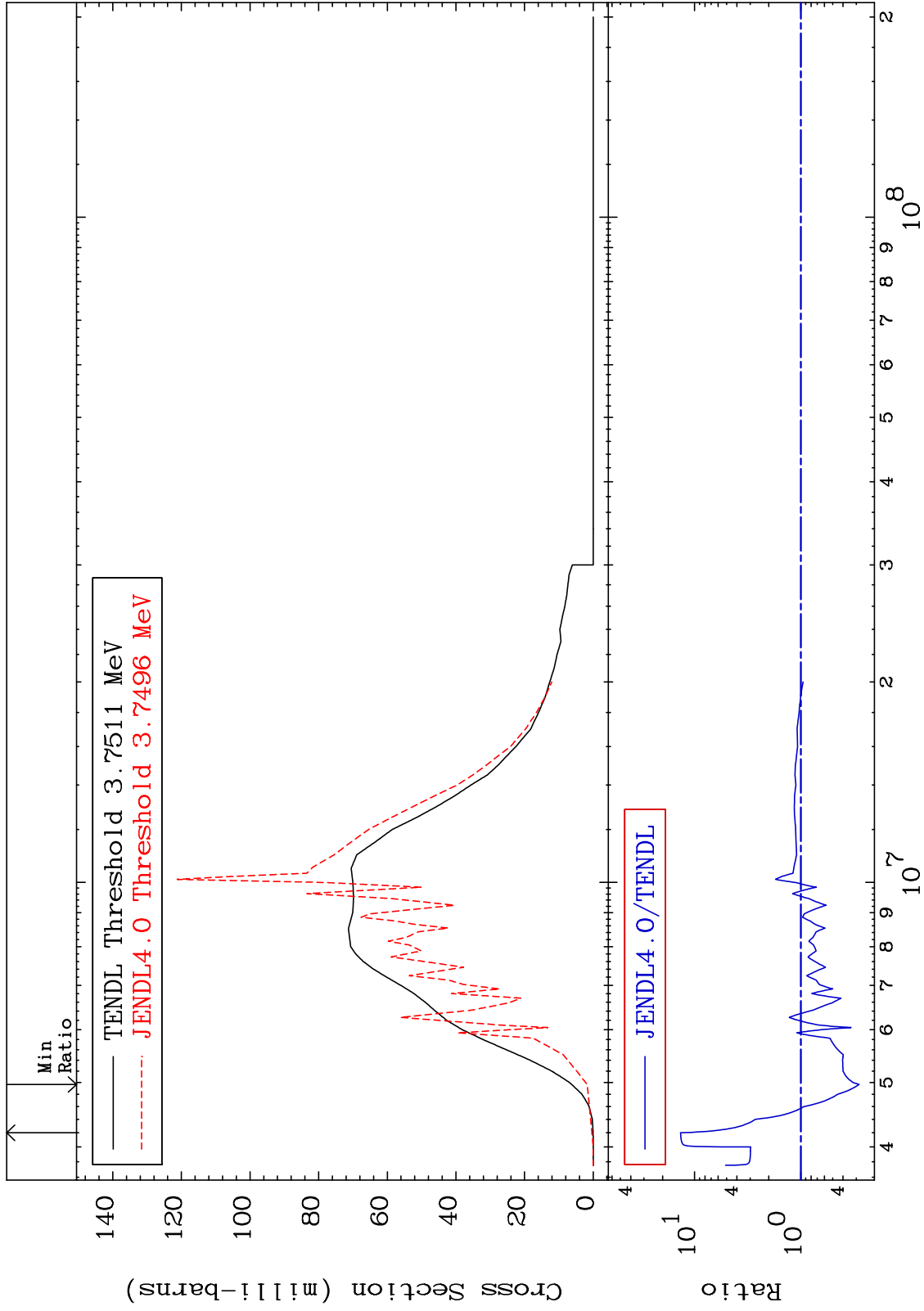
MAT 1125

(n,p)

11-Na-23

Cross Section

-71.80 To 1254. %



37

Incident Energy (eV)

11-Na-23

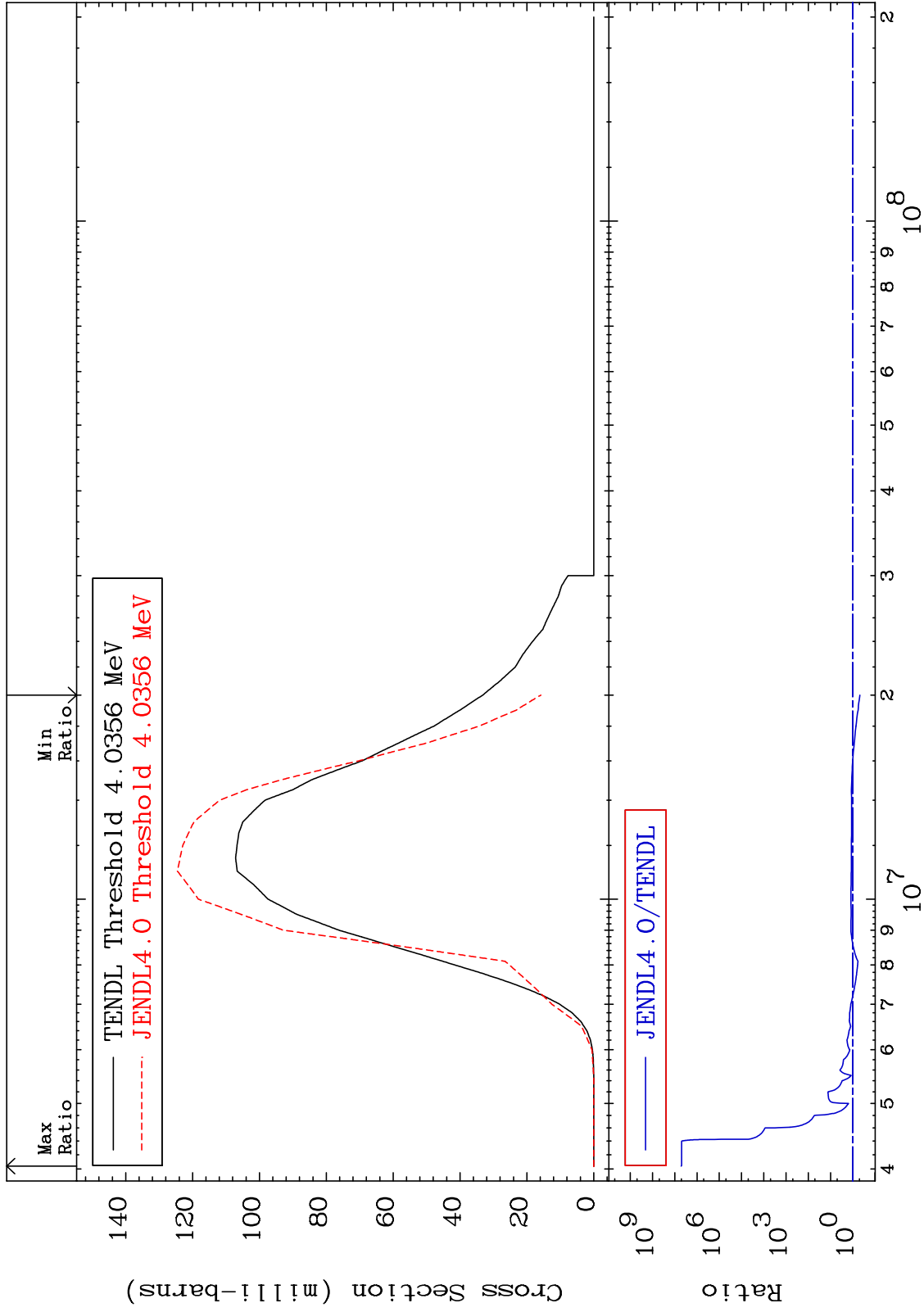
MAT 1125

(n, α)

11-Na-23

Cross Section

-52.32 To 9999. %



38

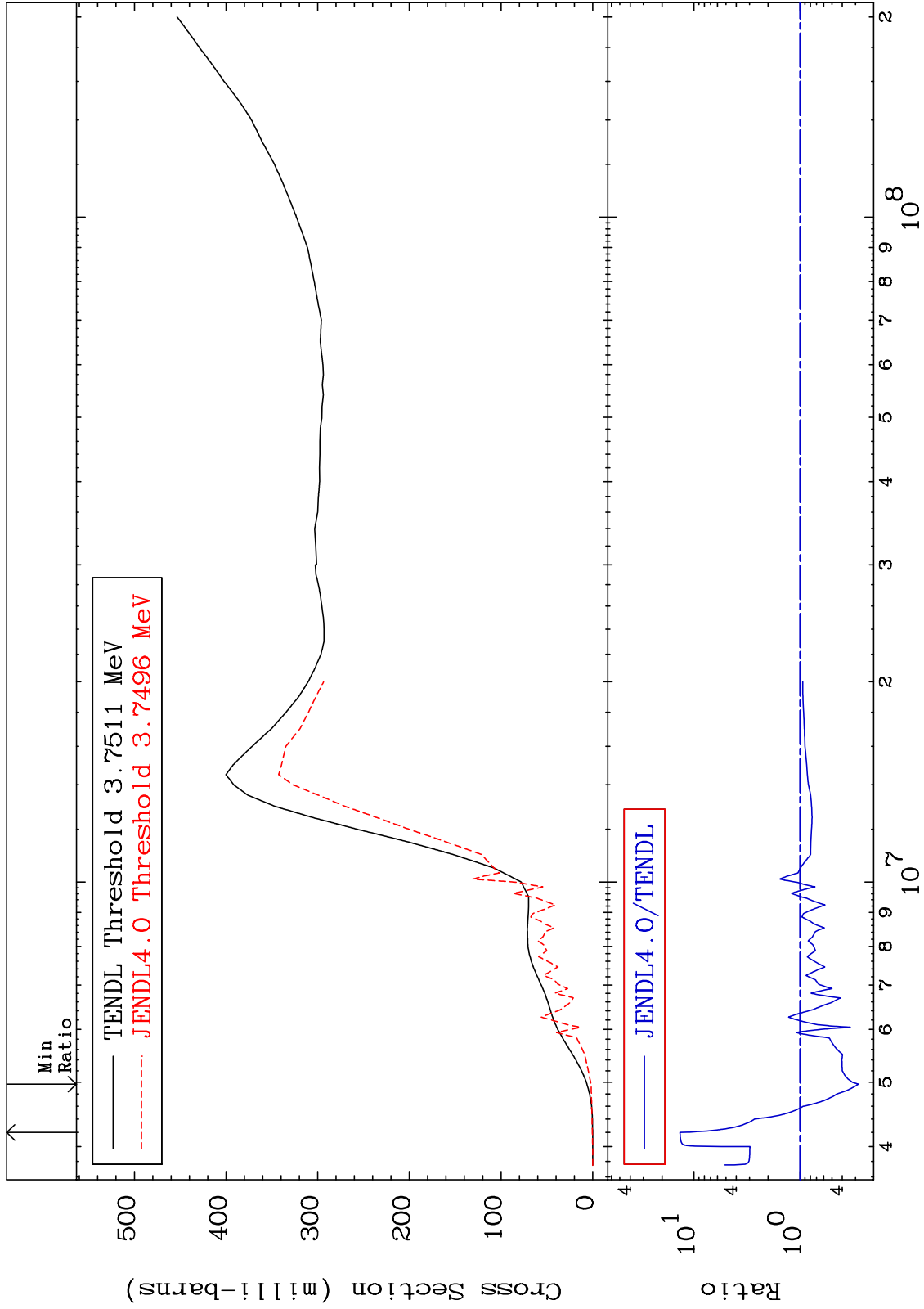
Incident Energy (eV)

11-Na-23

MAT 1125

Hydrogen Production
Cross Section

11-Na-23
-71.80 To 1254. %



39

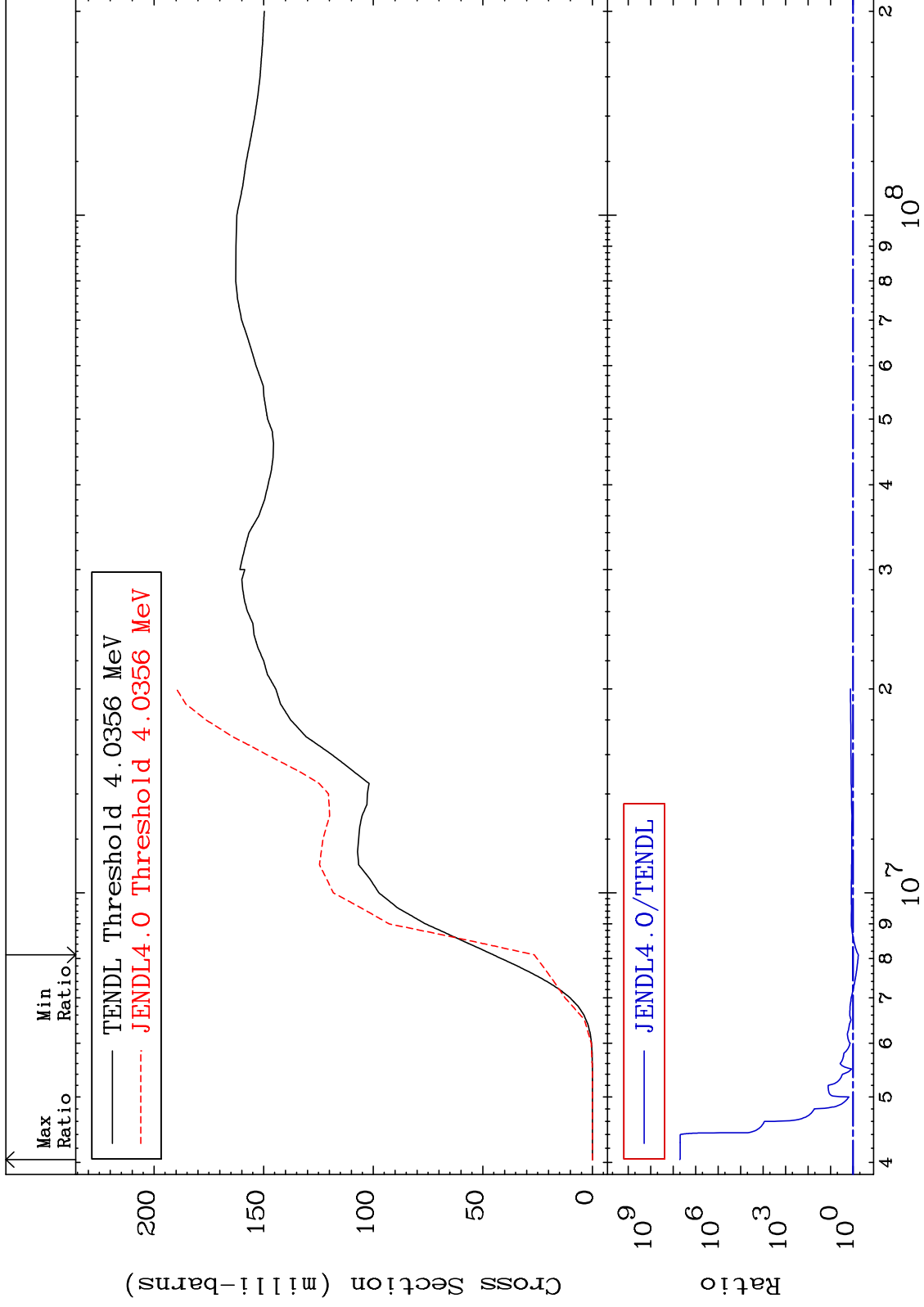
Incident Energy (eV)

11-Na-23

MAT 1125

He-4 Production
Cross Section

11-Na-23
-41.25 To 9999. %



40

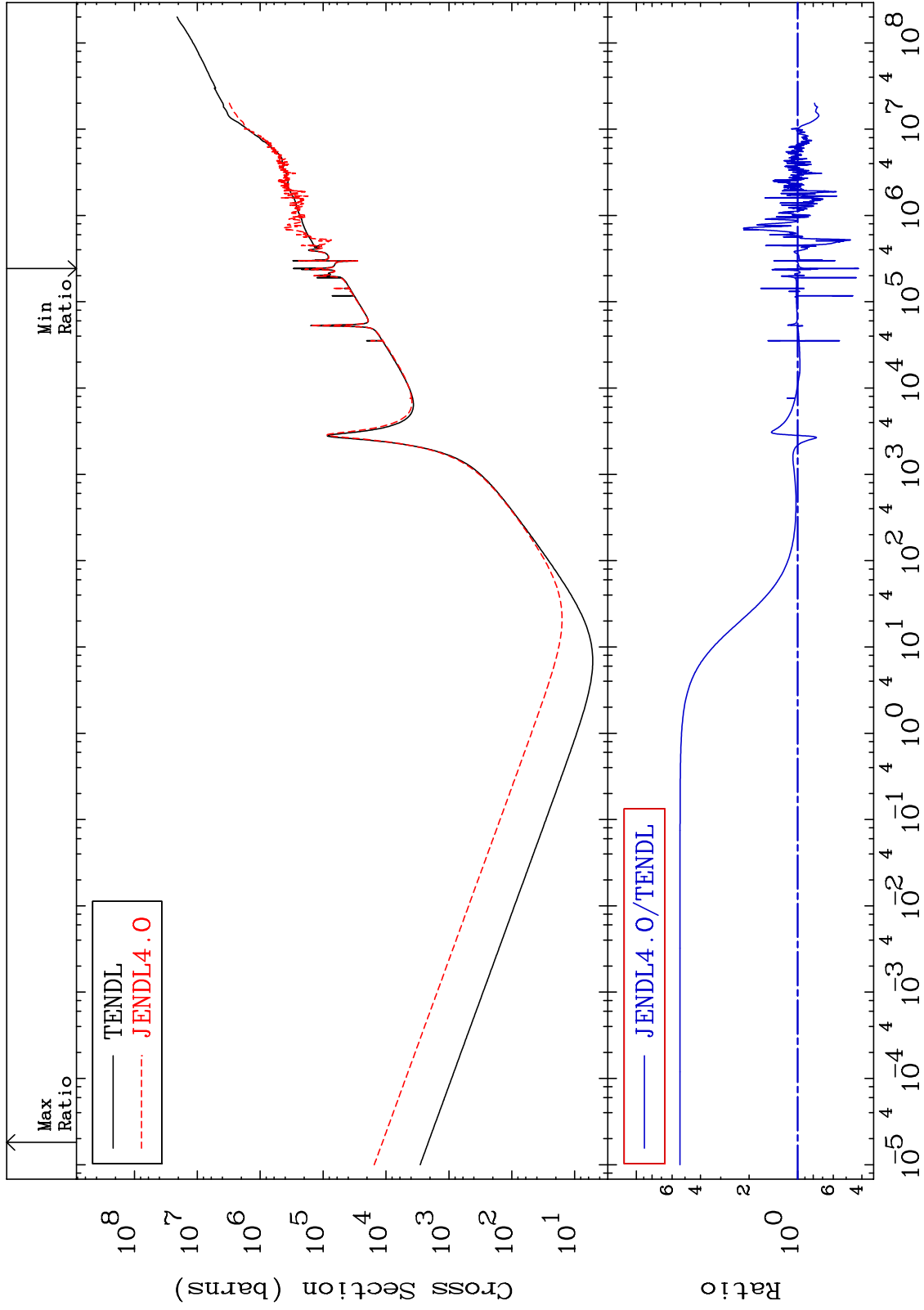
Incident Energy (eV)

11-Na-23

MAT 1125

Kerma total (eV-barns)
Cross Section

11-Na-23
-58.03 To 436.3 %



41

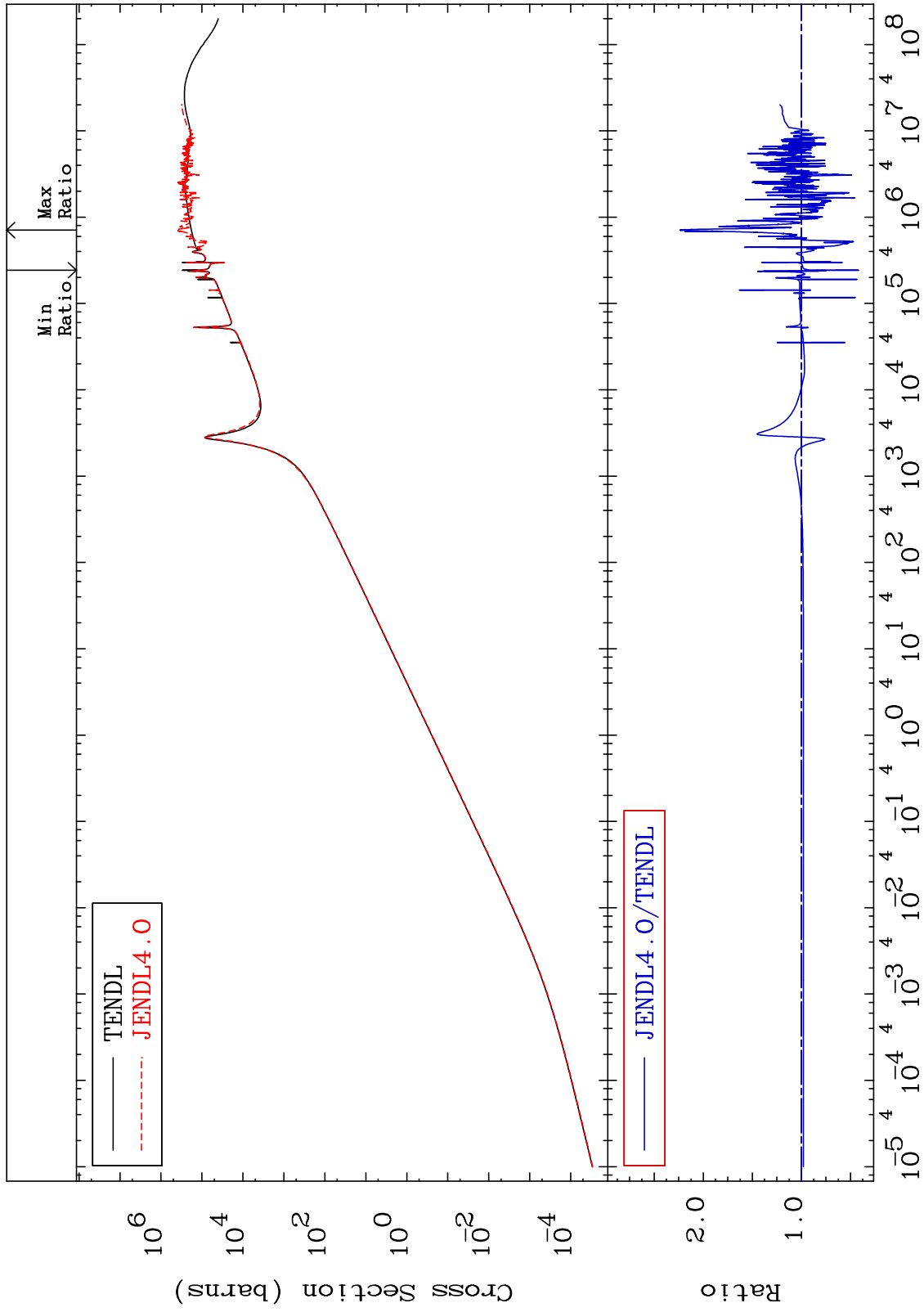
Incident Energy (eV)

11-Na-23

MAT 1125

Kerma elastic
Cross Section

11-Na-23
-58.04 To 123.6 %



42

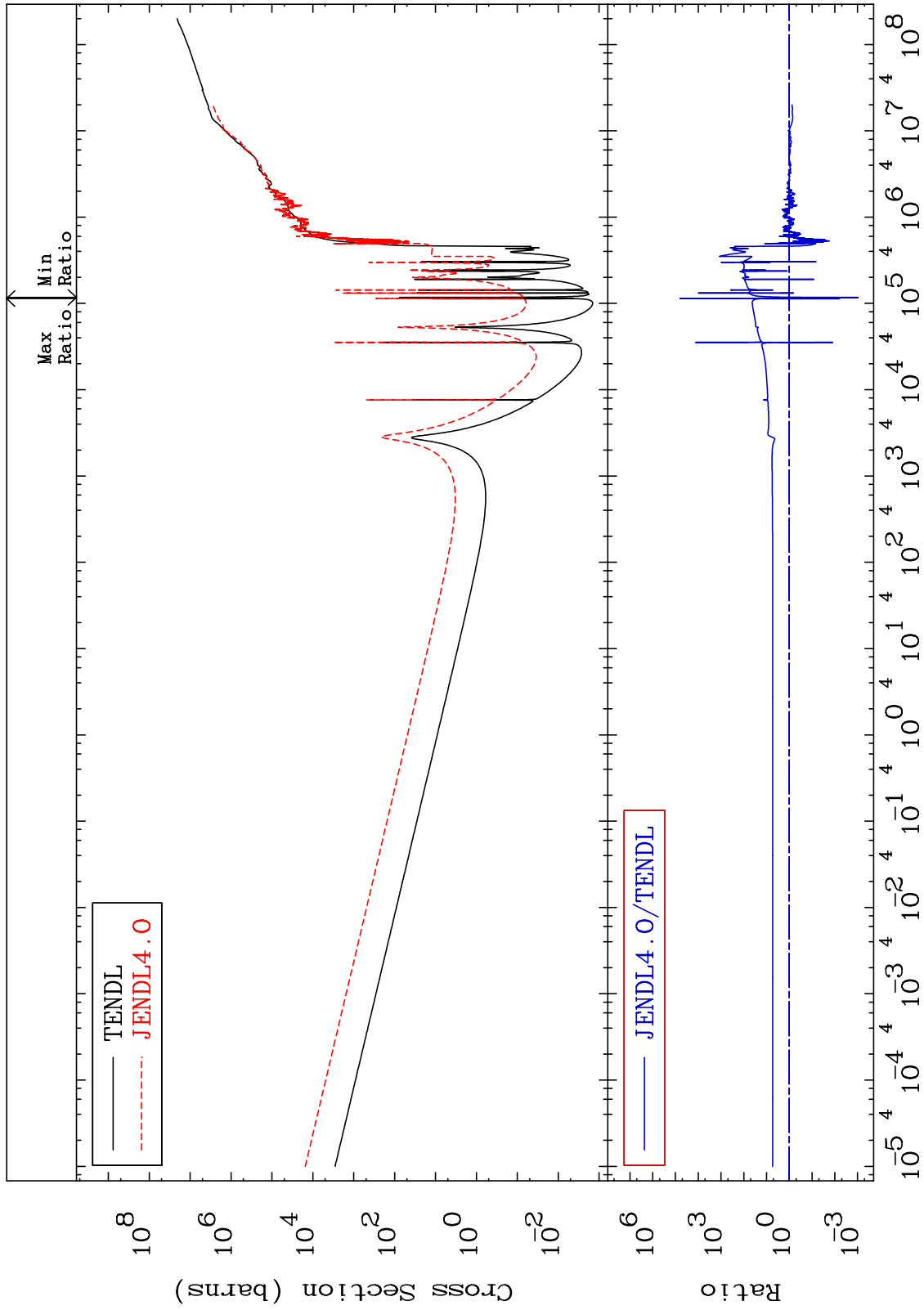
Incident Energy (eV)

11-Na-23

MAT 1125

Kerma non-elastic (all but mt2)
Cross Section

11-Na-23
-99.91 To 9999. %



43

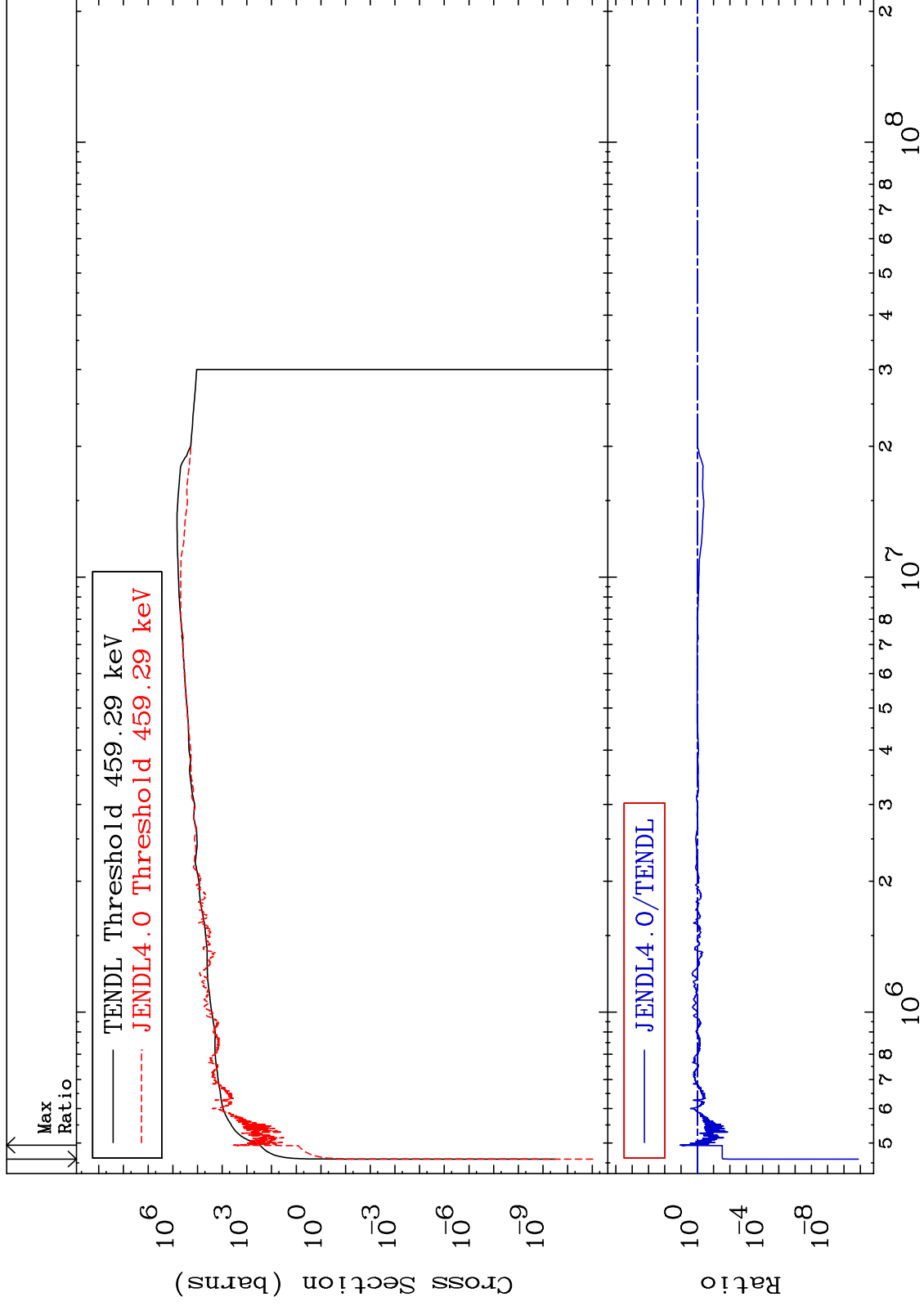
Incident Energy (eV)

11-Na-23

MAT 1125

Kerma inelastic (mt51-91)
Cross Section

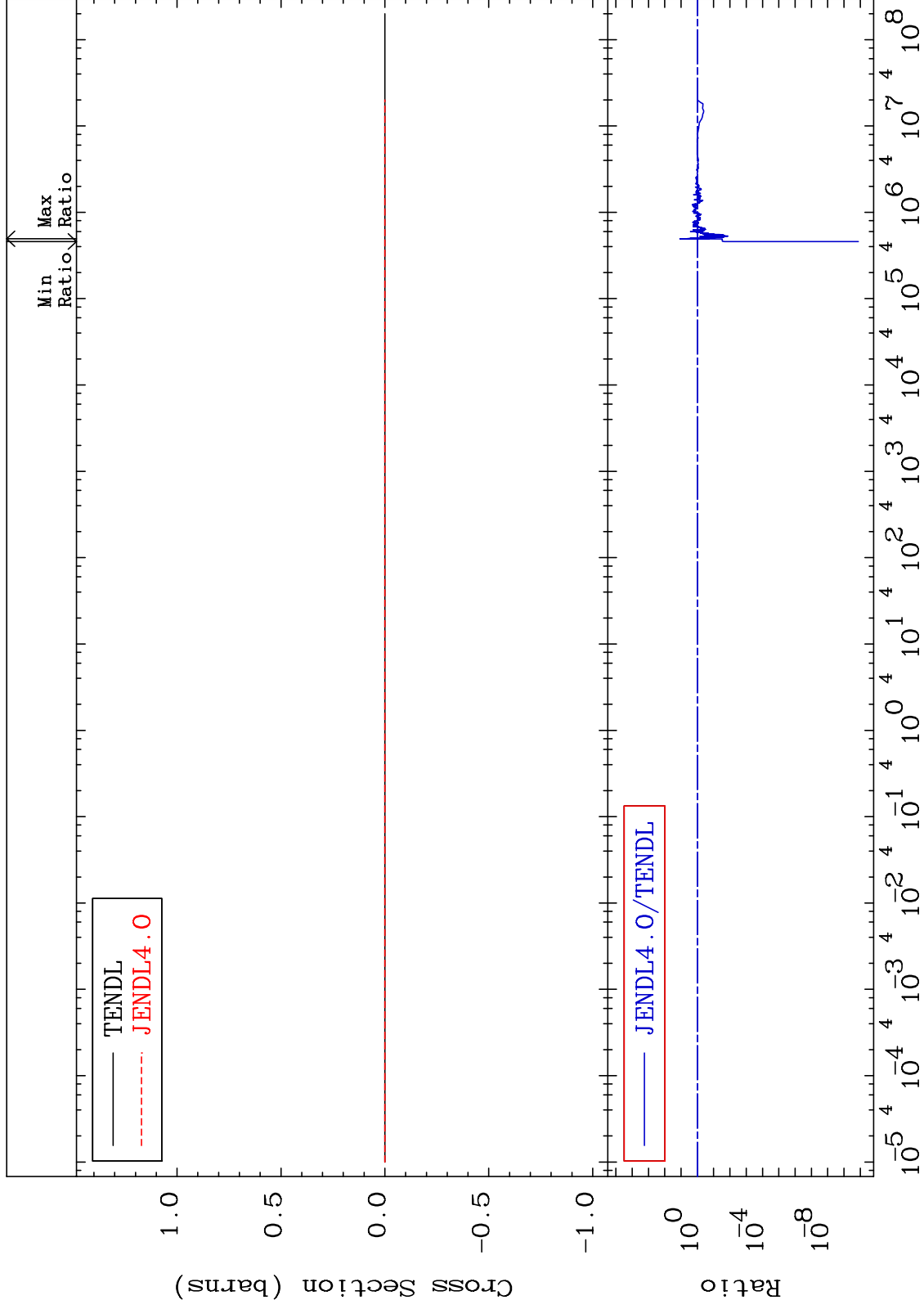
11-Na-23
-100.0 To 1058. %



MAT 1125

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

11-Na-23
-100.0 To 1058. %



45

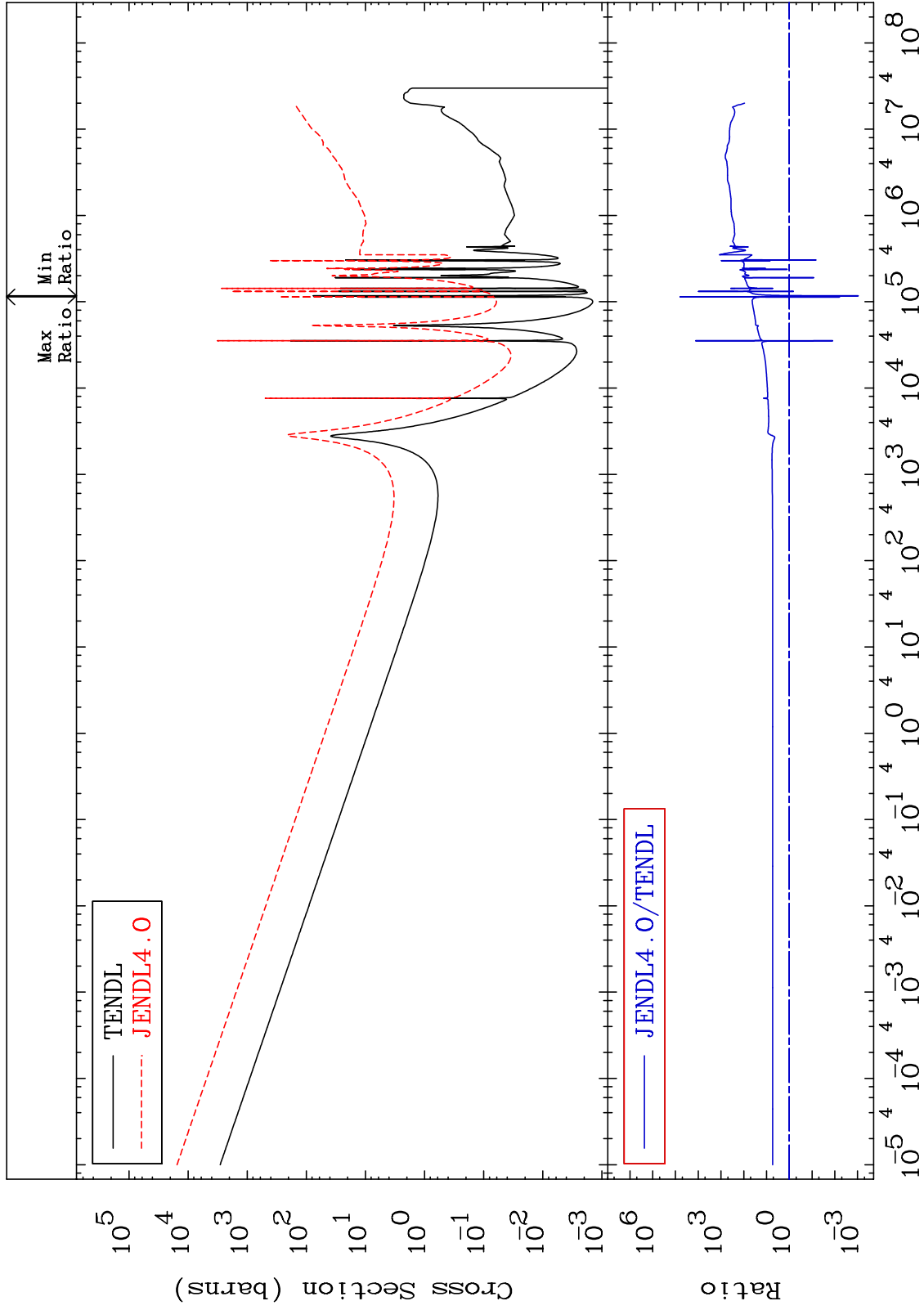
Incident Energy (eV)

11-Na-23

MAT 1125

Kerma capture (mt102)
Cross Section

11-Na-23
-99.91 To 9999. %



46

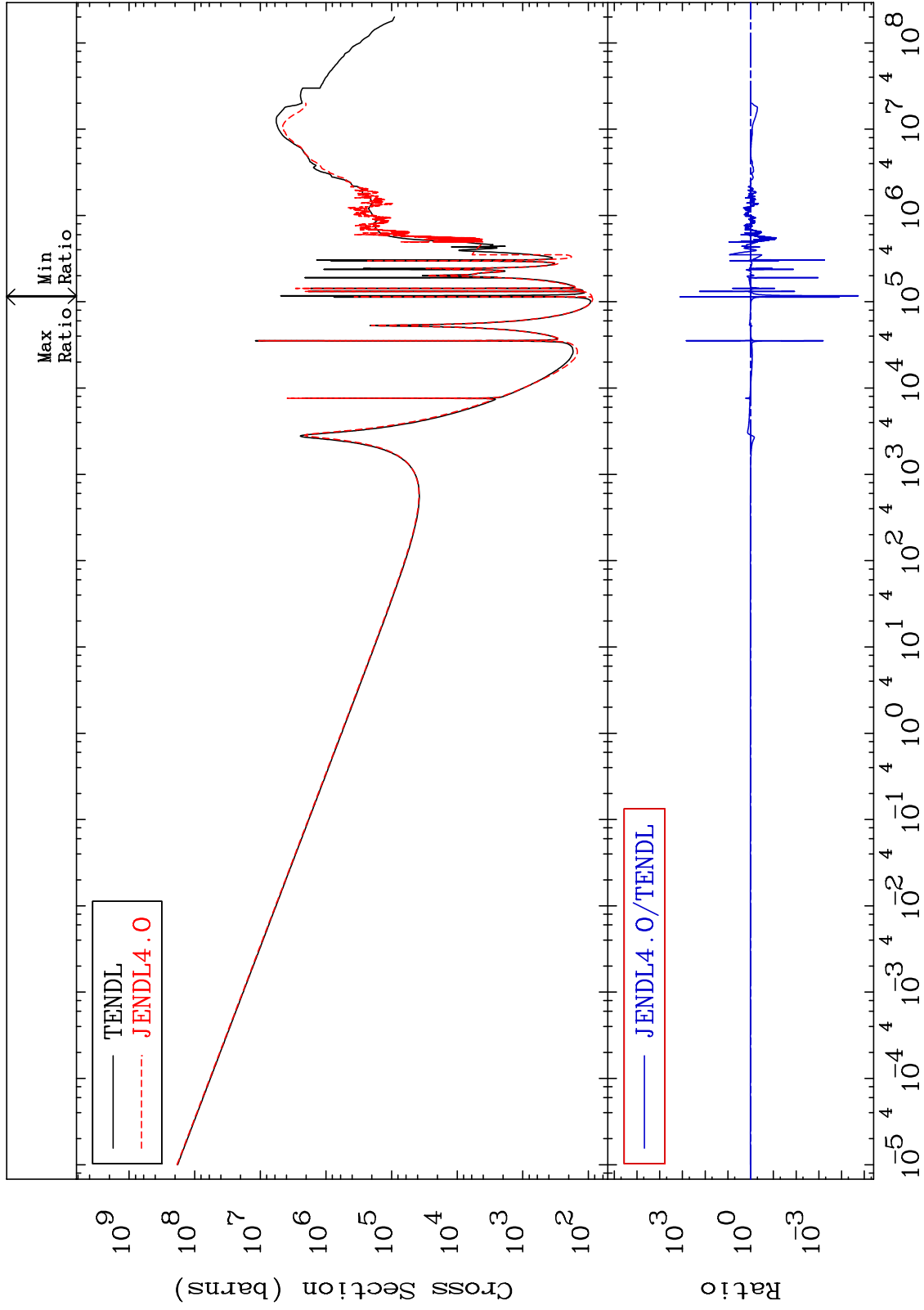
Incident Energy (eV)

11-Na-23

MAT 1125

Total photon (eV-barns)
Cross Section

11-Na-23
-100.0 To 9999. %



47

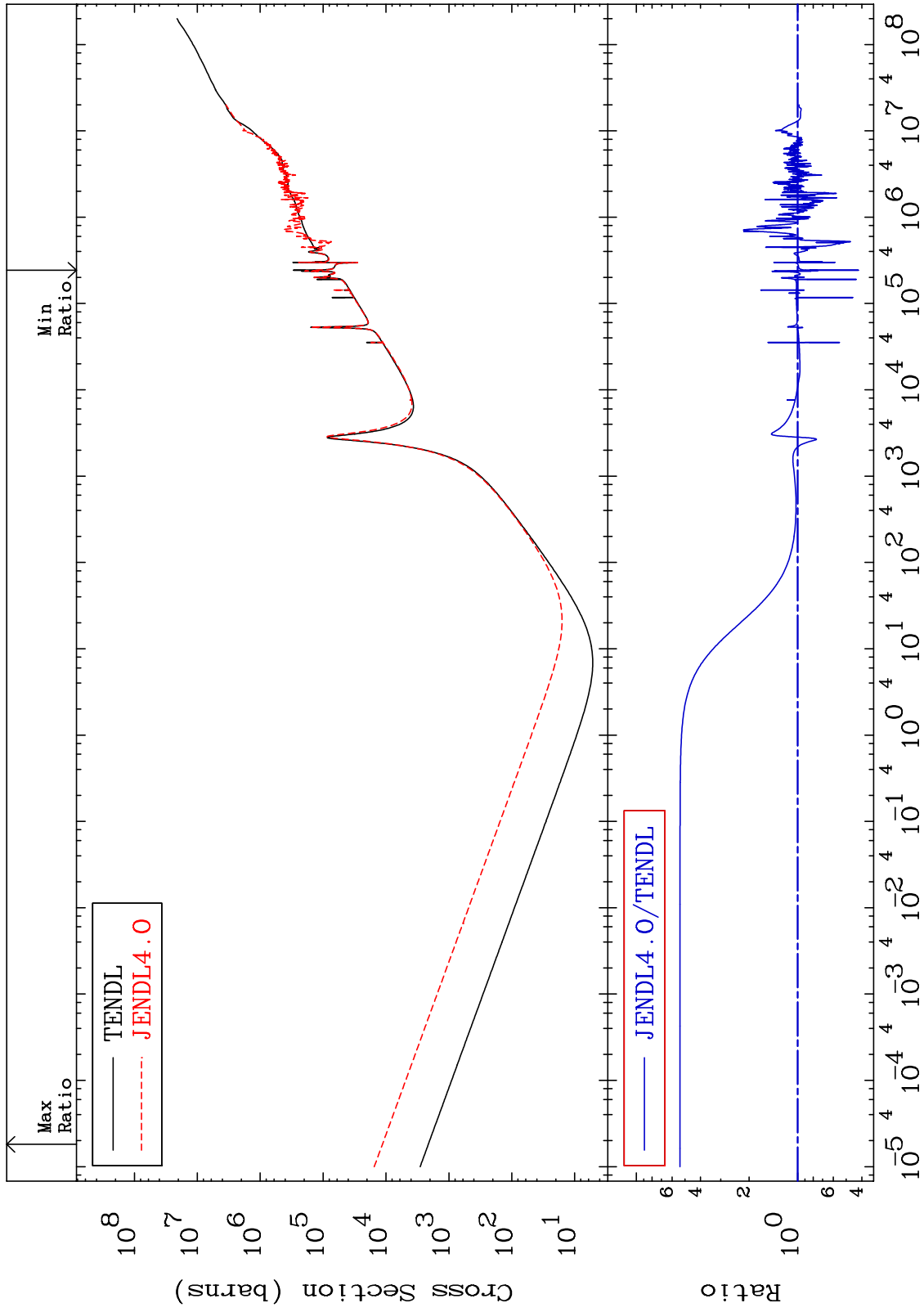
Incident Energy (eV)

11-Na-23

MAT 1125

Total kinematic kerma (high limit)
Cross Section

11-Na-23
-58.03 To 436.3 %



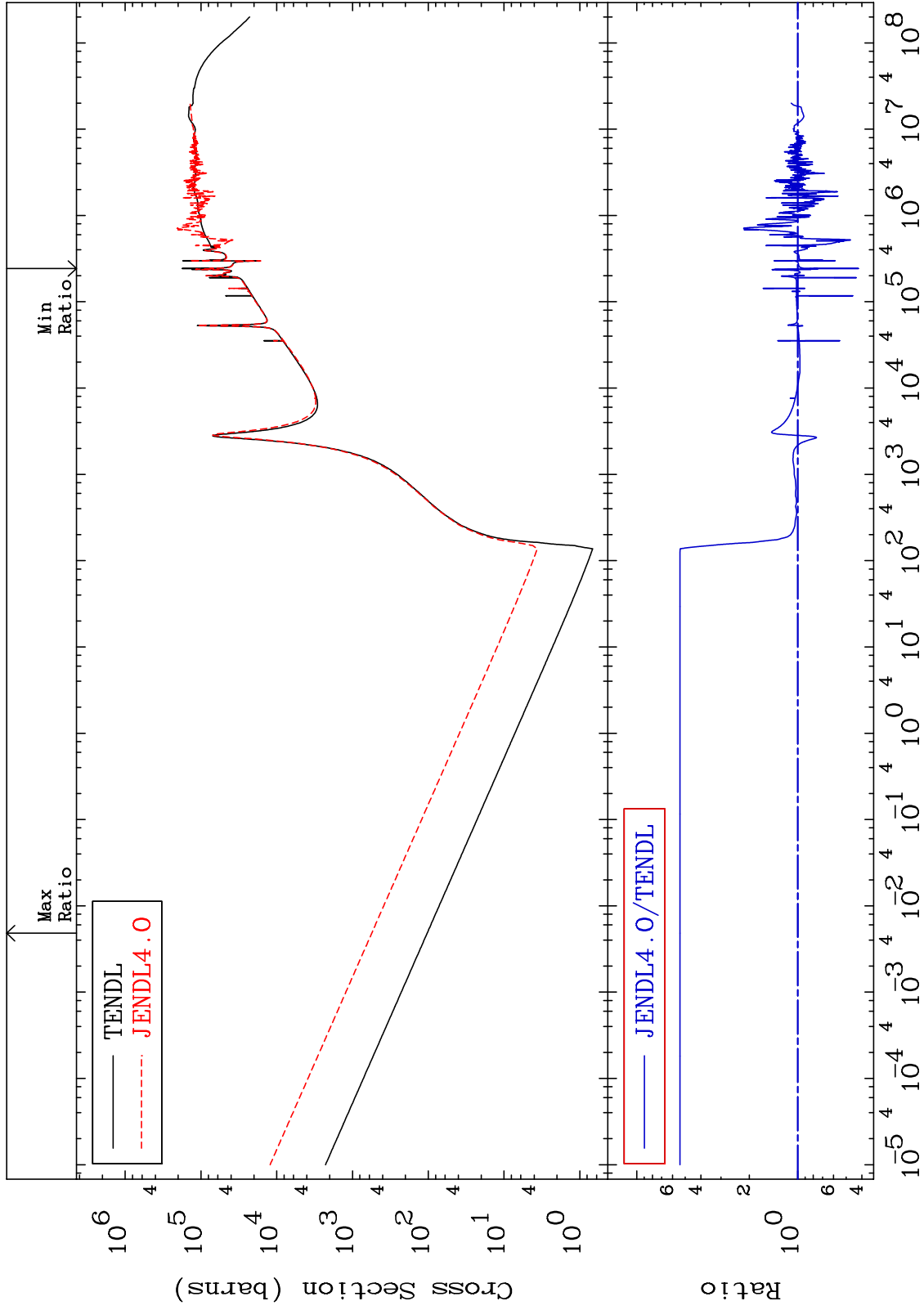
48

11-Na-23

MAT 1125

Dpa total (eV-barns)
Cross Section

11-Na-23
-58.03 To 438.7 %



49

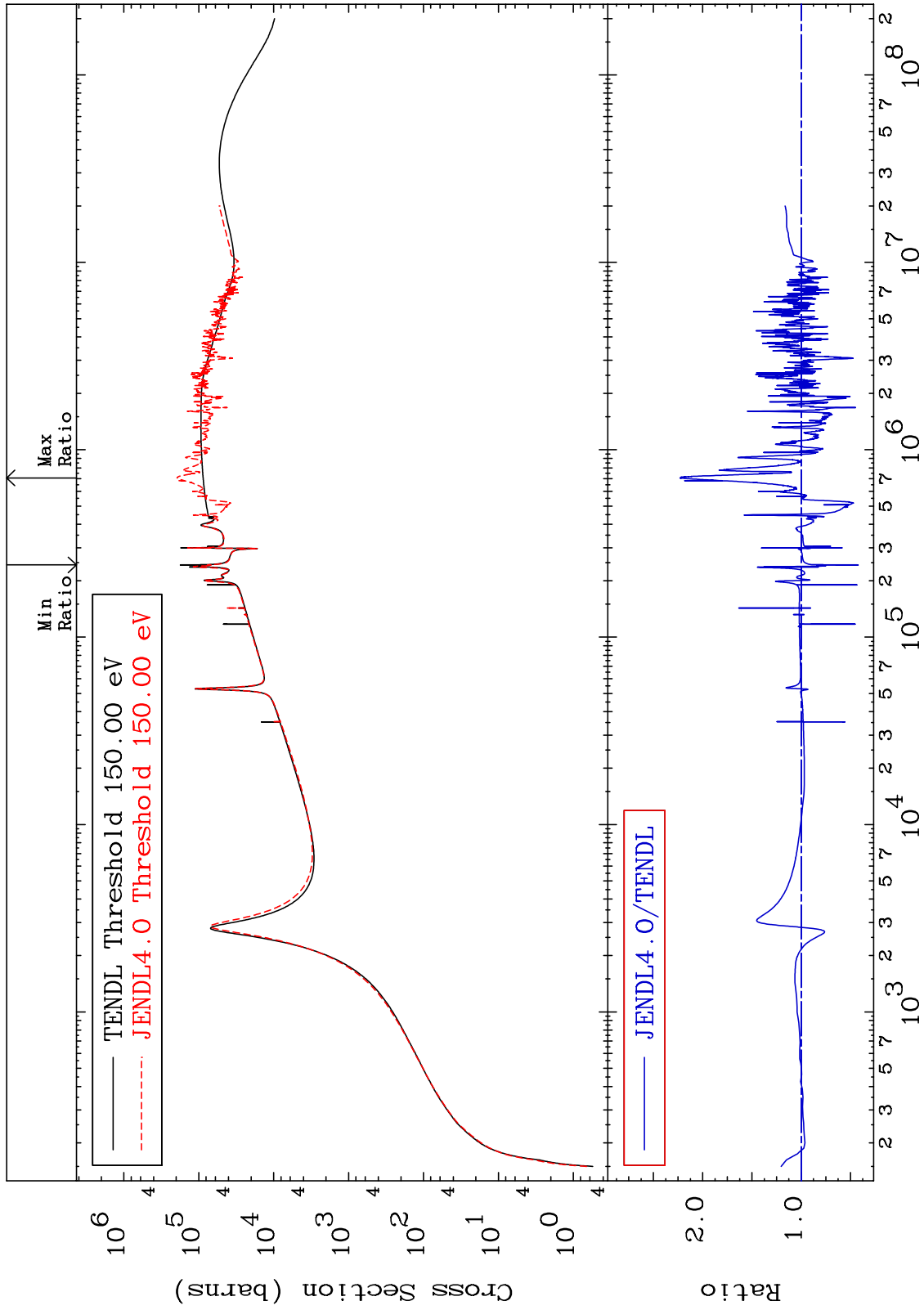
Incident Energy (eV)

11-Na-23

MAT 1125

Dpa elastic (mt2)
Cross Section

11-Na-23
-58.03 To 123.0 %



50

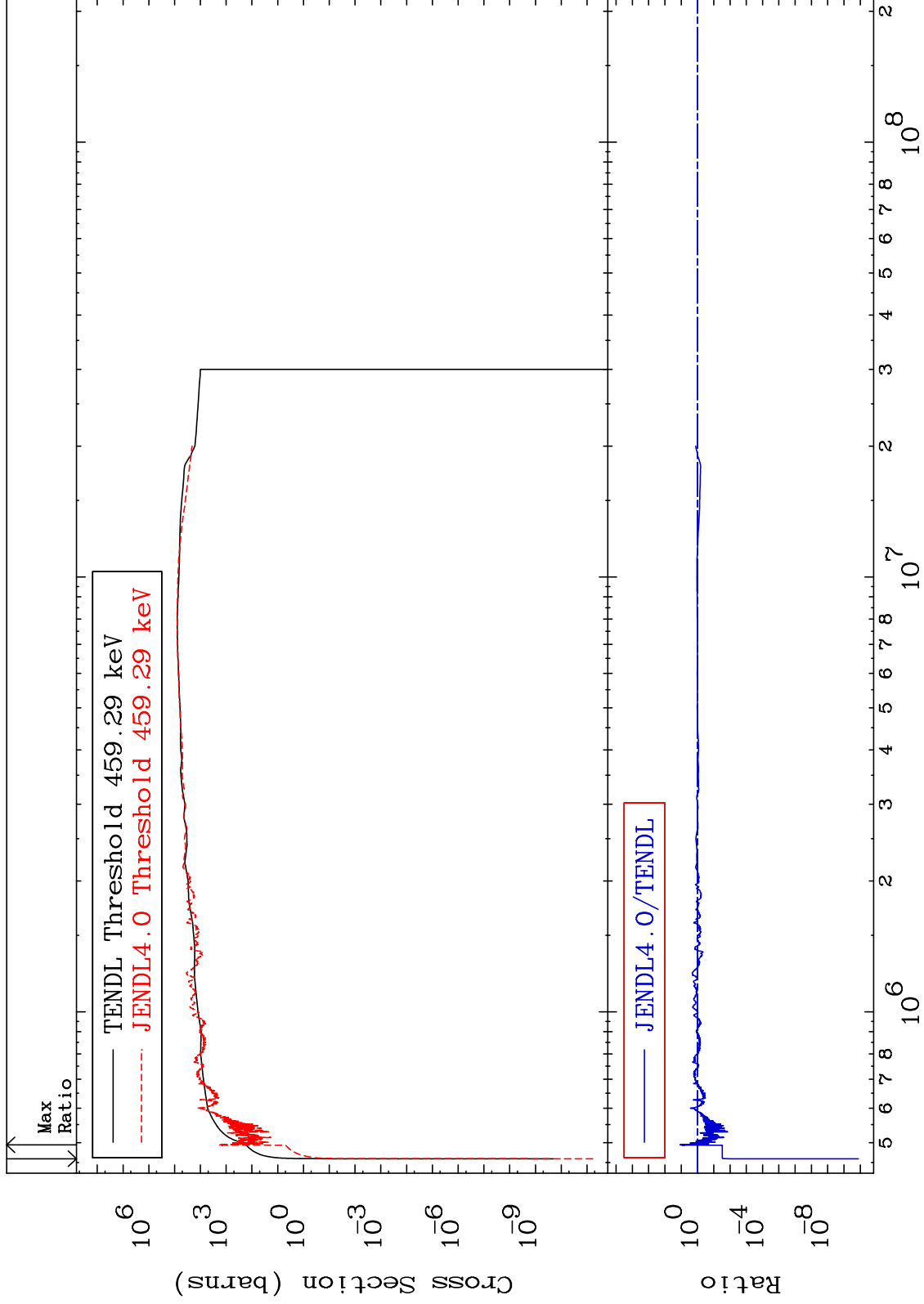
Incident Energy (eV)

11-Na-23

MAT 1125

Dpa inelastic (mt51-91)
Cross Section

11-Na-23
-100.0 To 1076. %



MAT 1125

Dpa disappearance (mt102 -120)
Cross Section

11-Na-23
-99.99 To 9999. %

