

Program Complot
(Version 2018-1)

by

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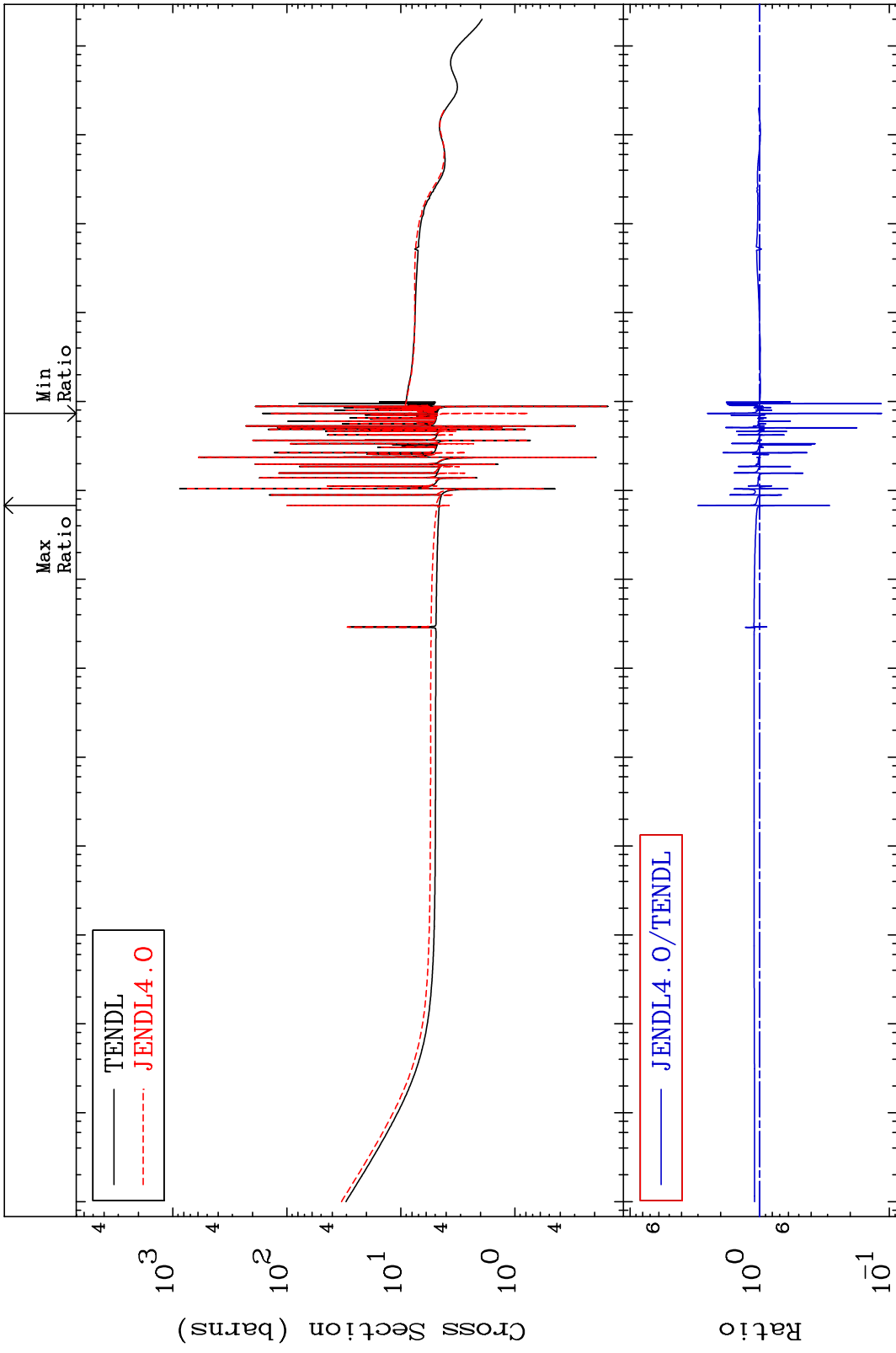
U.S.A.

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Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4855 48-Cd-116 -88.52 To 200.3 %
Total Cross Section

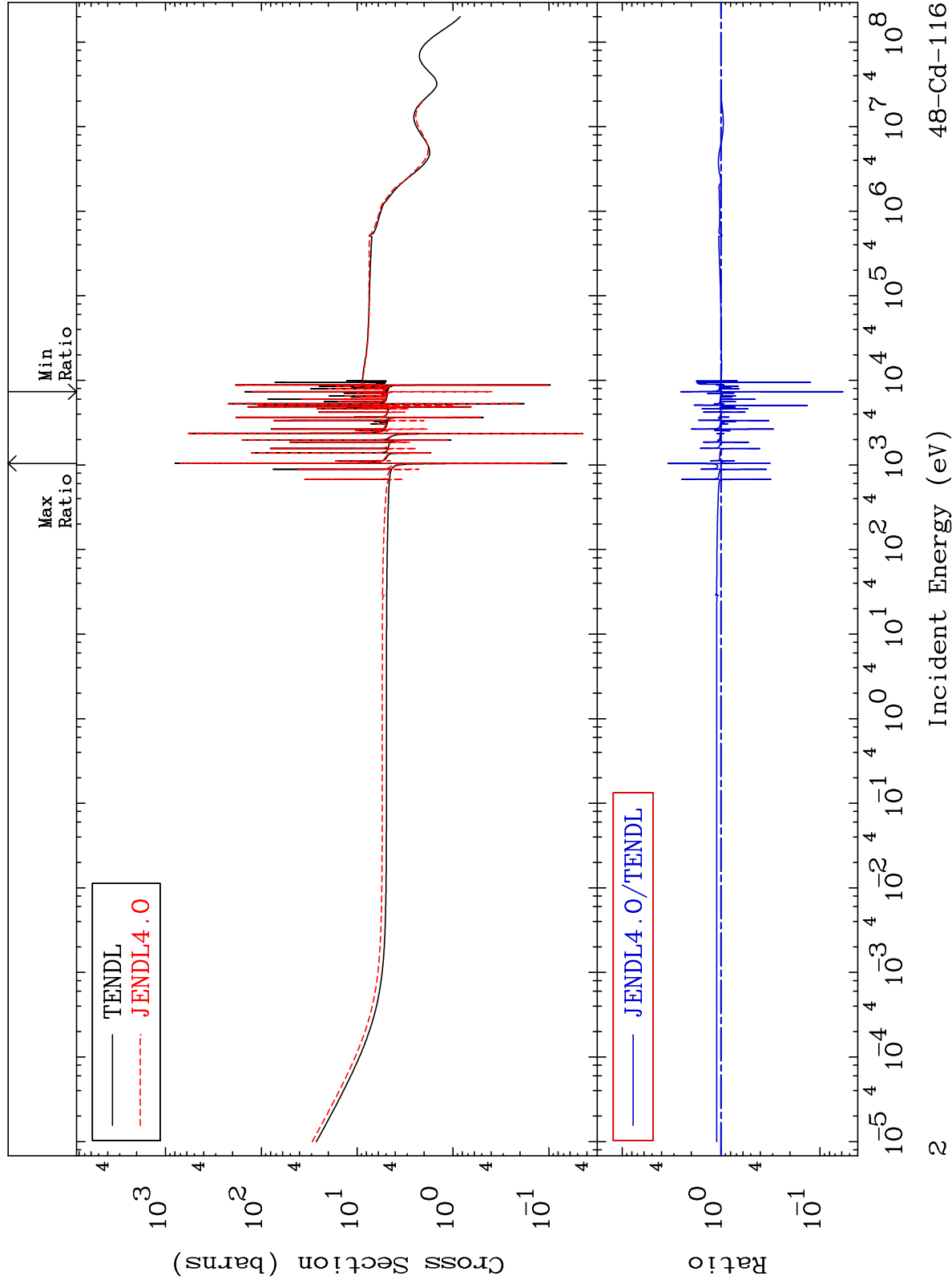


Incident Energy (eV) 48-Cd-116

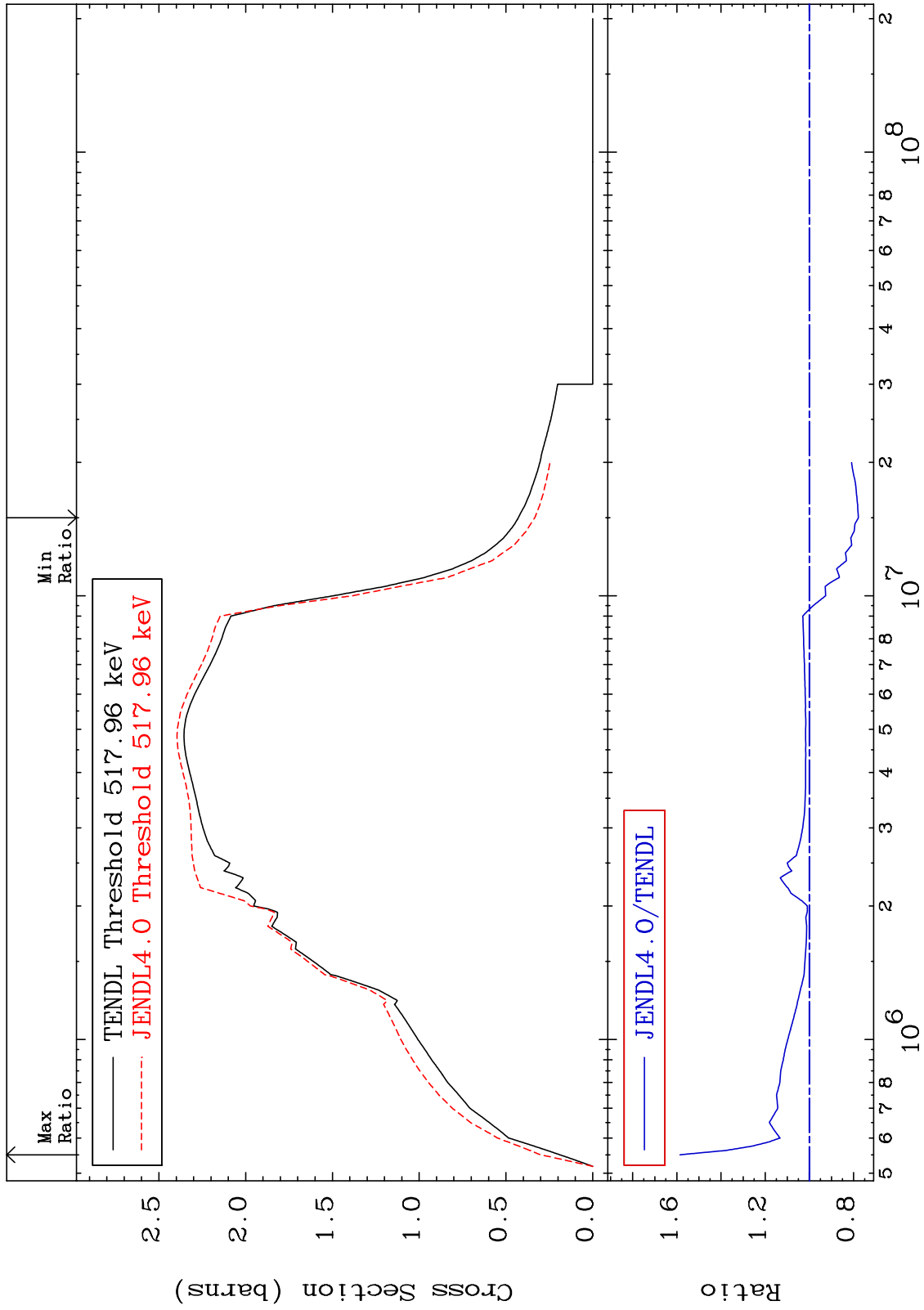
MAT 4855

Elastic
Cross Section

48-Cd-116
-94.15 To 243.7 %

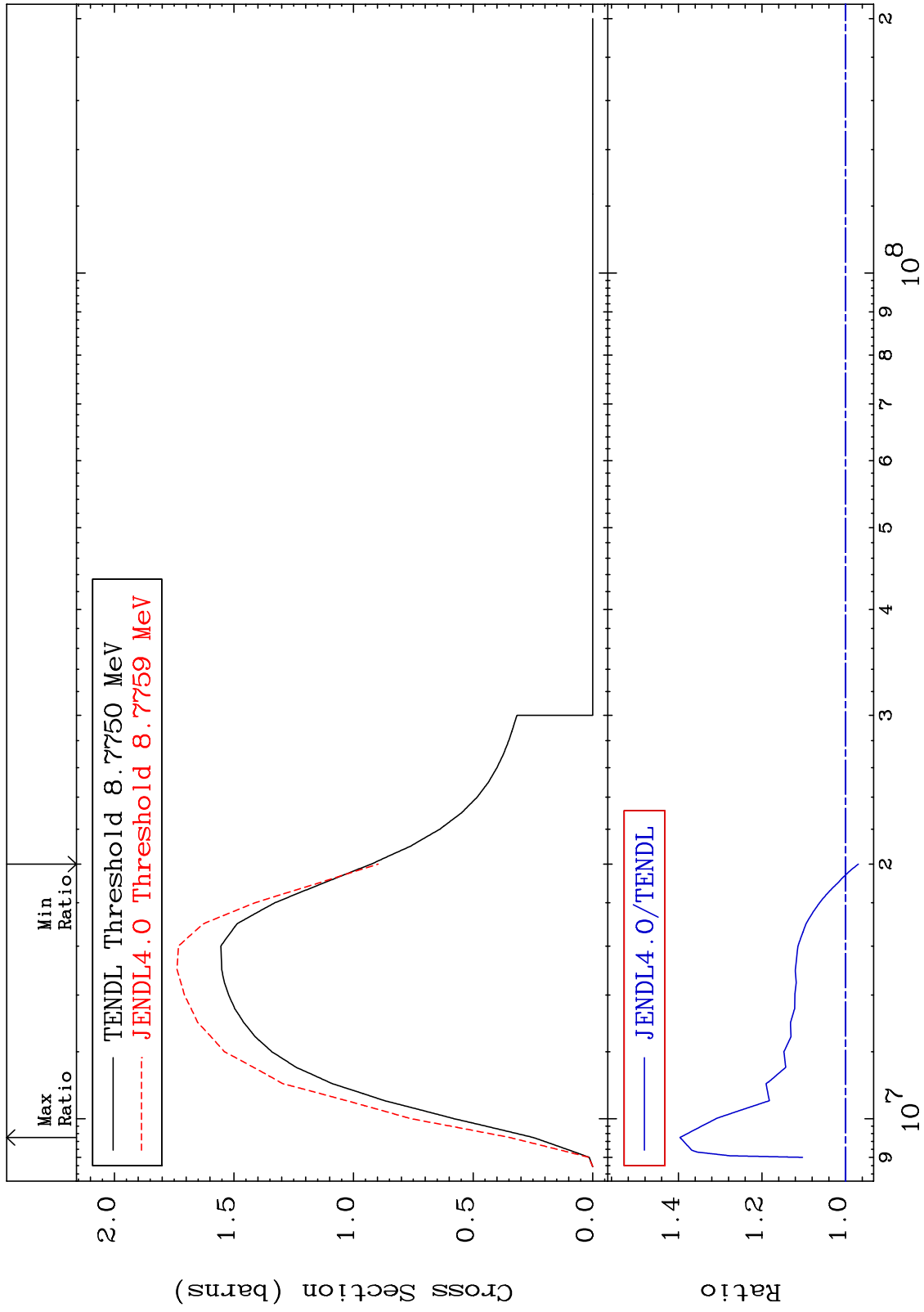


MAT 4855 Inelastic Cross Section 48-Cd-116 -22.20 To 58.58 %



3 Incident Energy (eV) 48-Cd-116

MAT 4855 (n,2n) Cross Section 48-Cd-116 -3.068 To 39.61 %



48-Cd-116

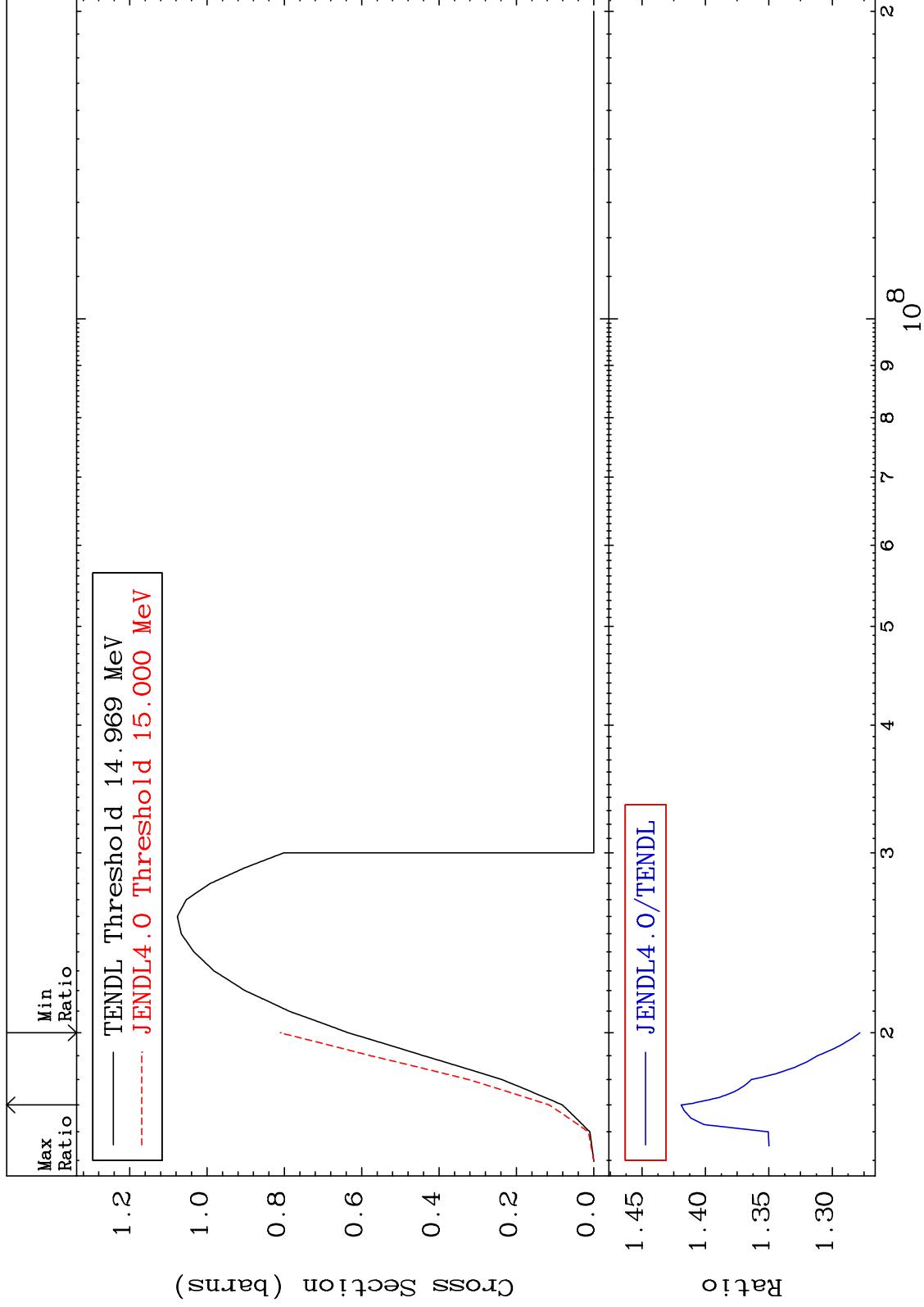
MAT 4855

(n,3n)

48-Cd-116

Cross Section

27.82 To 41.91 %



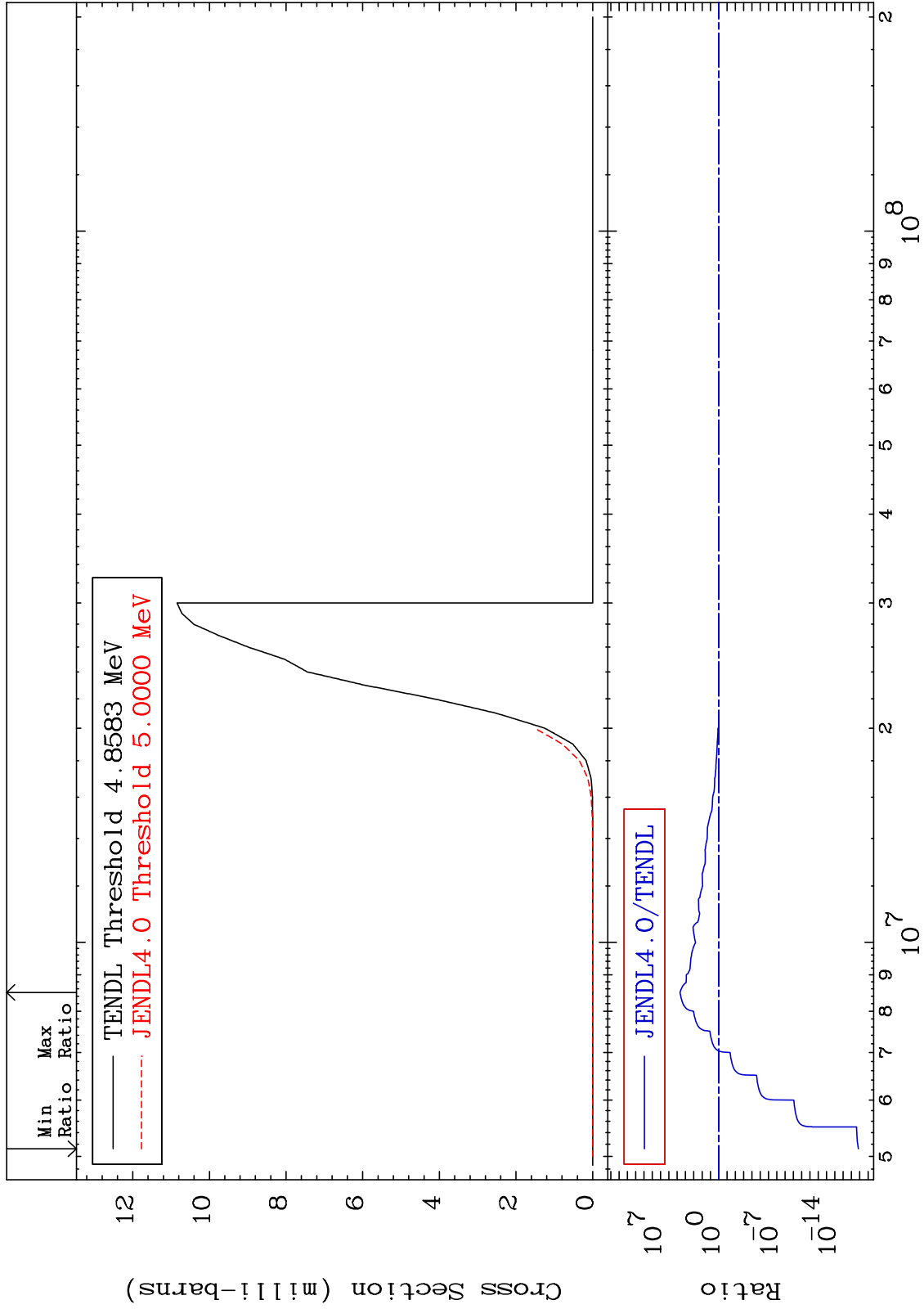
MAT 4855

(n,n') α

48-Cd-116

-100.0 To 9999. %

Cross Section



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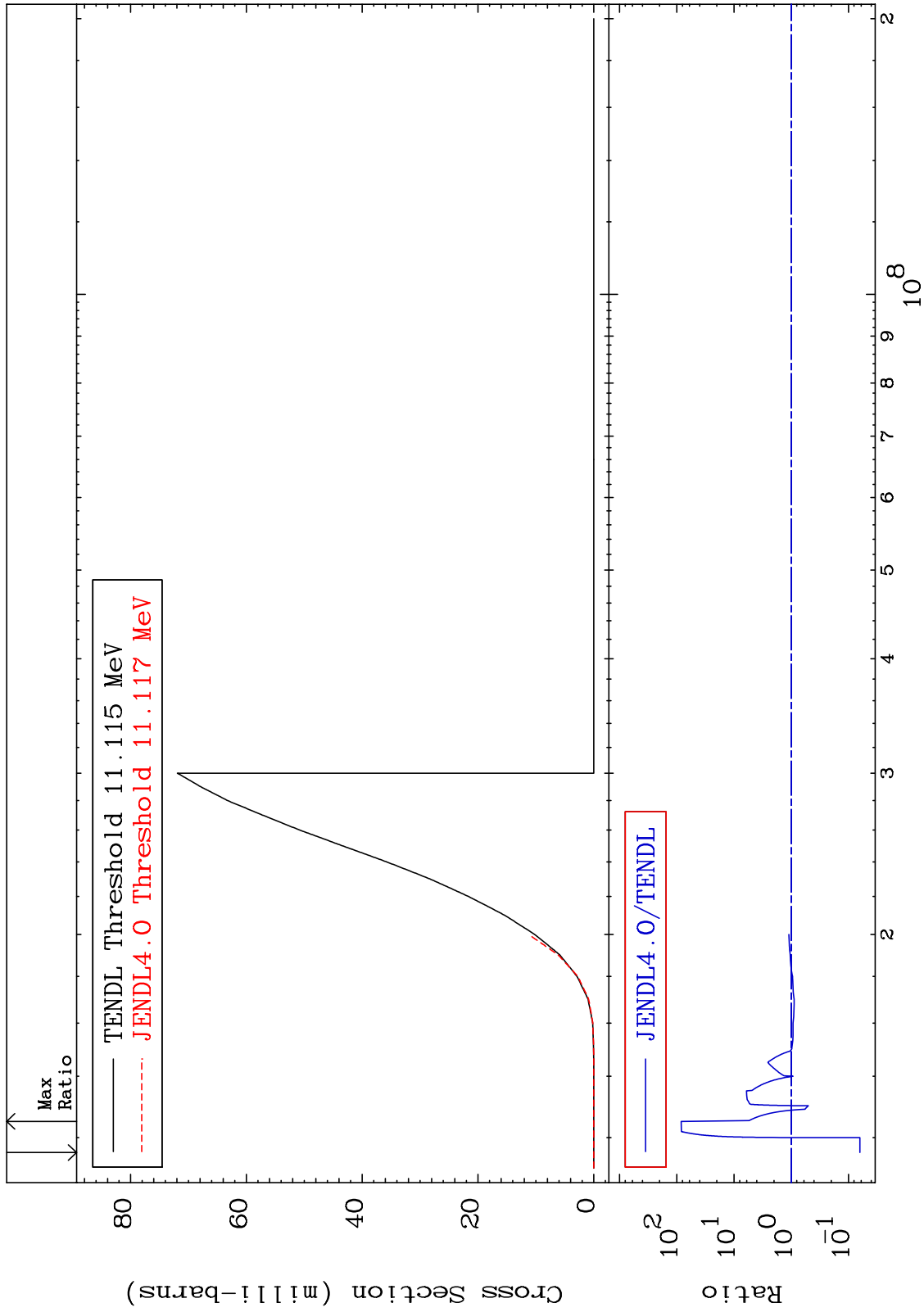
Incident Energy (eV)

48-Cd-116

MAT 4855

(n,n') p
Cross Section

48-Cd-116
-93.68 To 8286. %



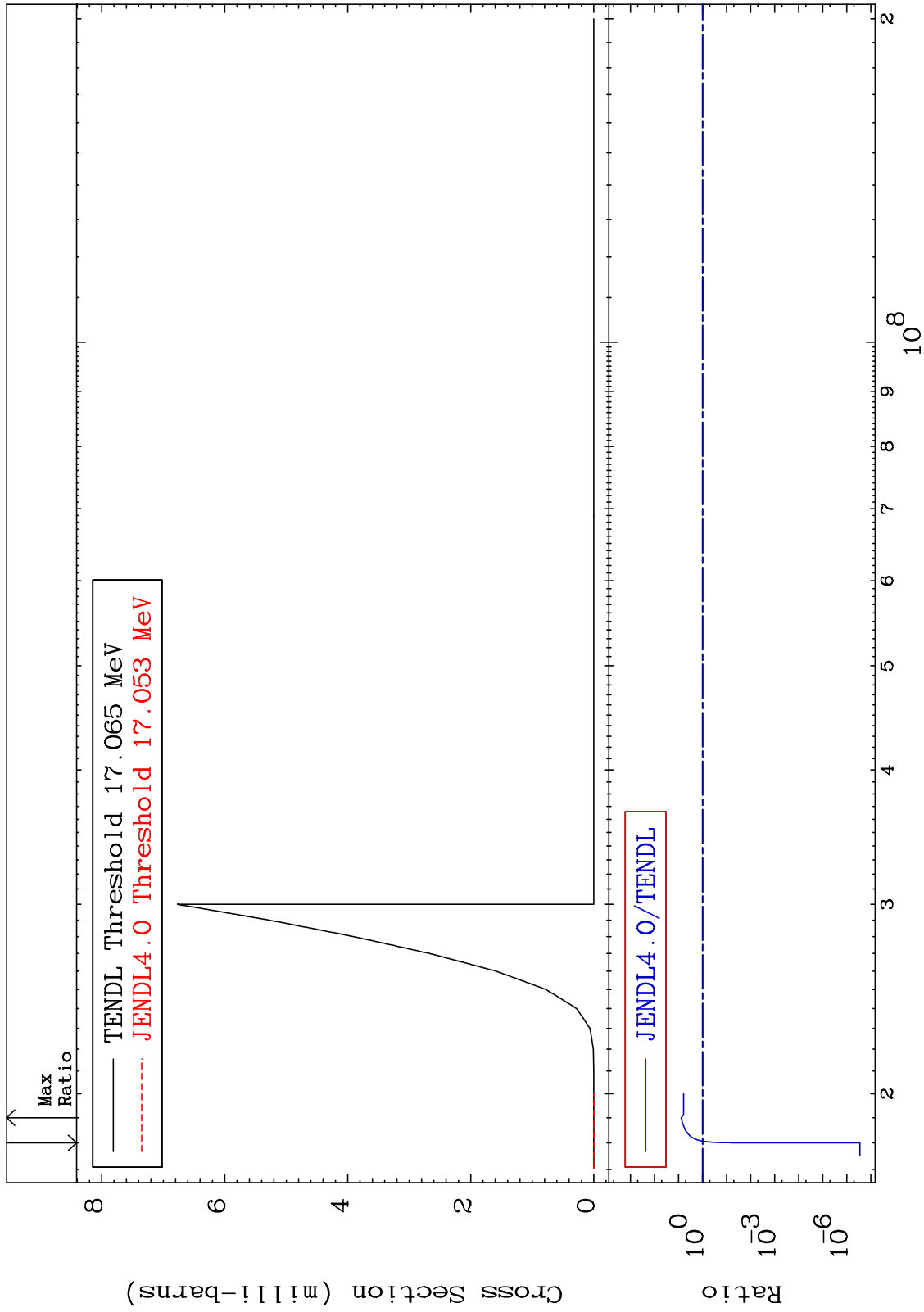
MAT 4855

(n,n') d

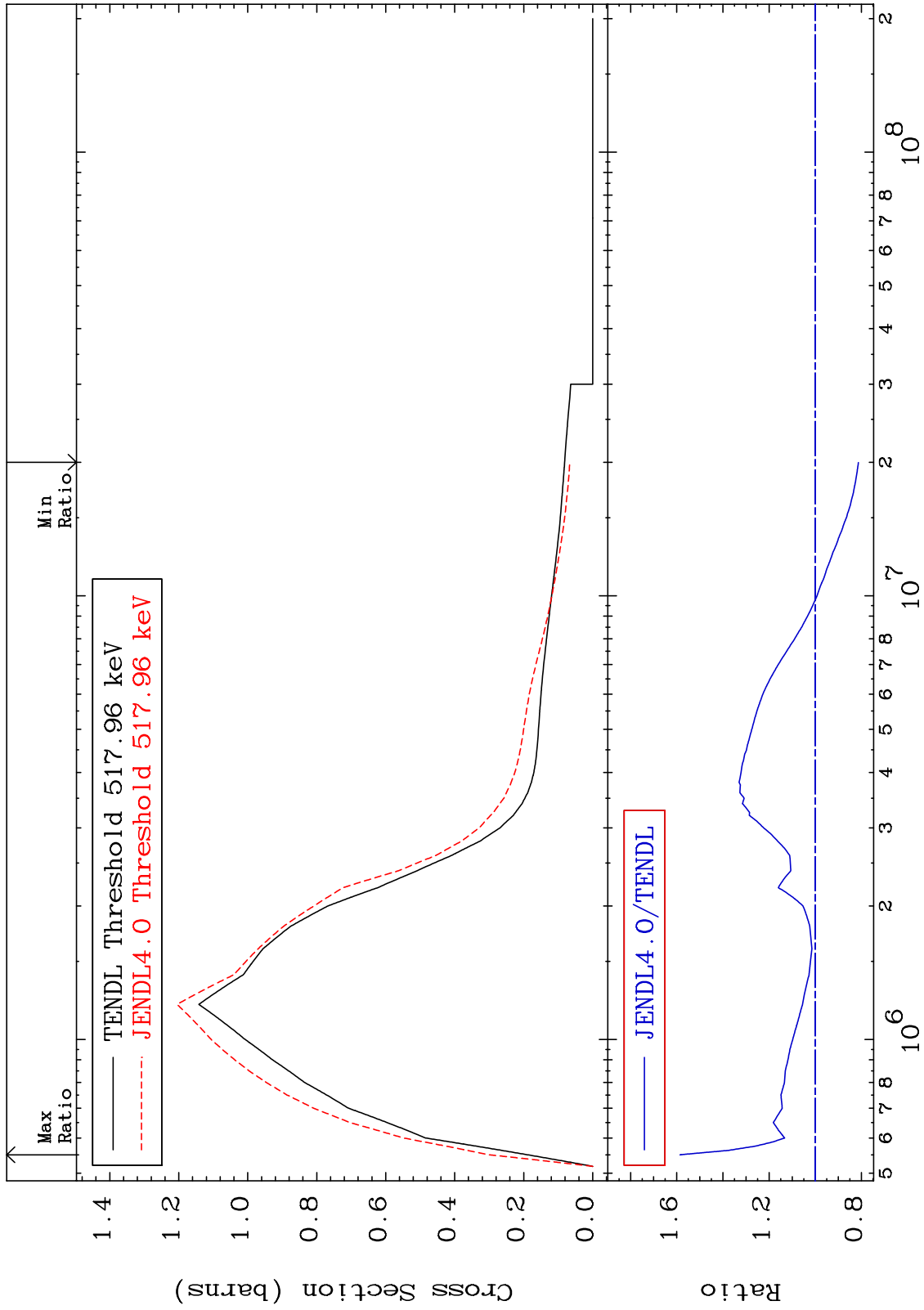
48-Cd-116

Cross Section

-100.0 To 673.2 %



MAT 4855 MT= 51 (n,n') Level Cross Section 48-Cd-116 -18.68 To 58.58 %

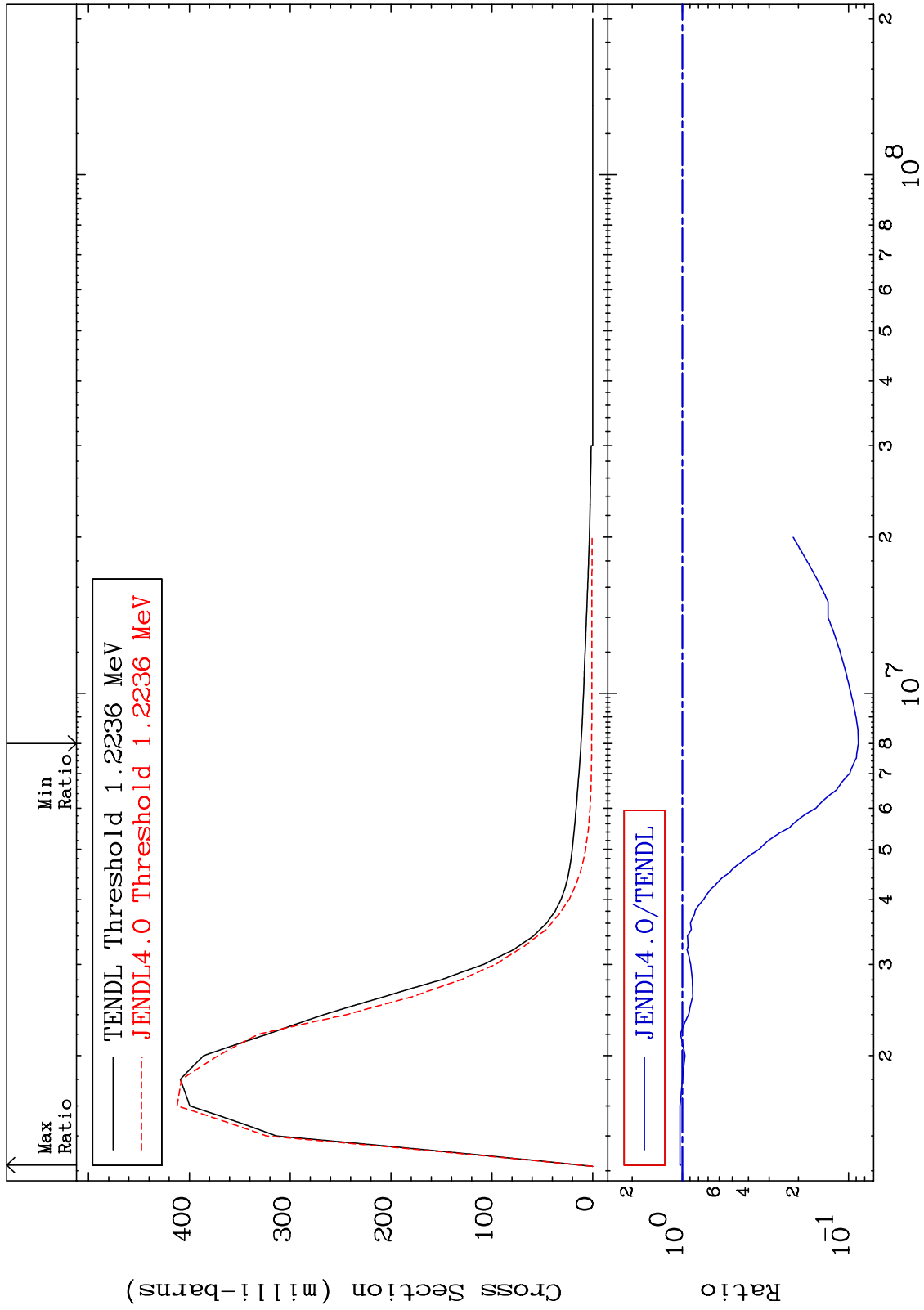


9 48-Cd-116

MAT 4855

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

48-Cd-116
-91.28 To 3.178 %

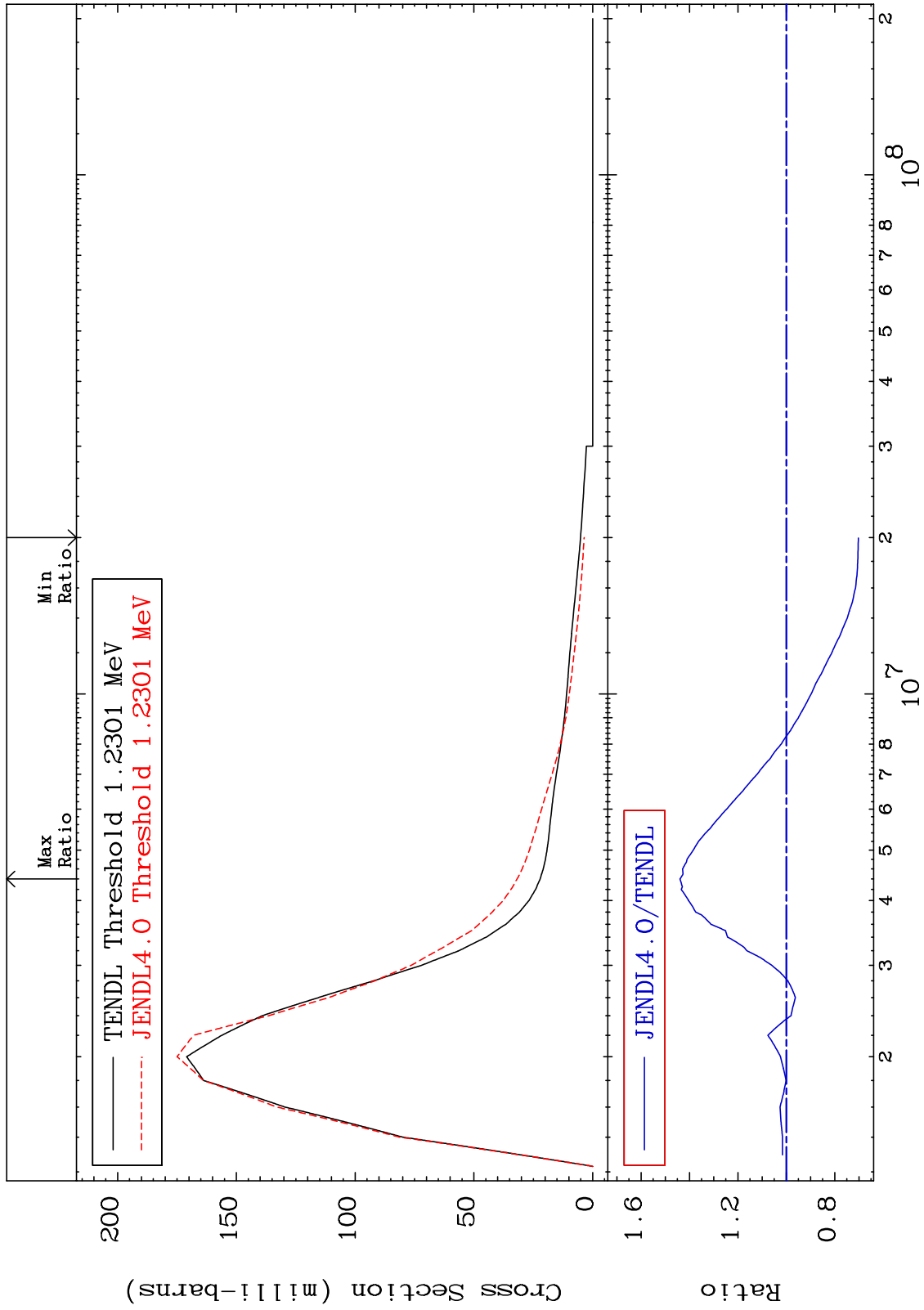


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Incident Energy (eV)

48-Cd-116

MAT 4855 MT= 53 (n,n') Level Cross Section 48-Cd-116
 -29.79 To 43.90 %

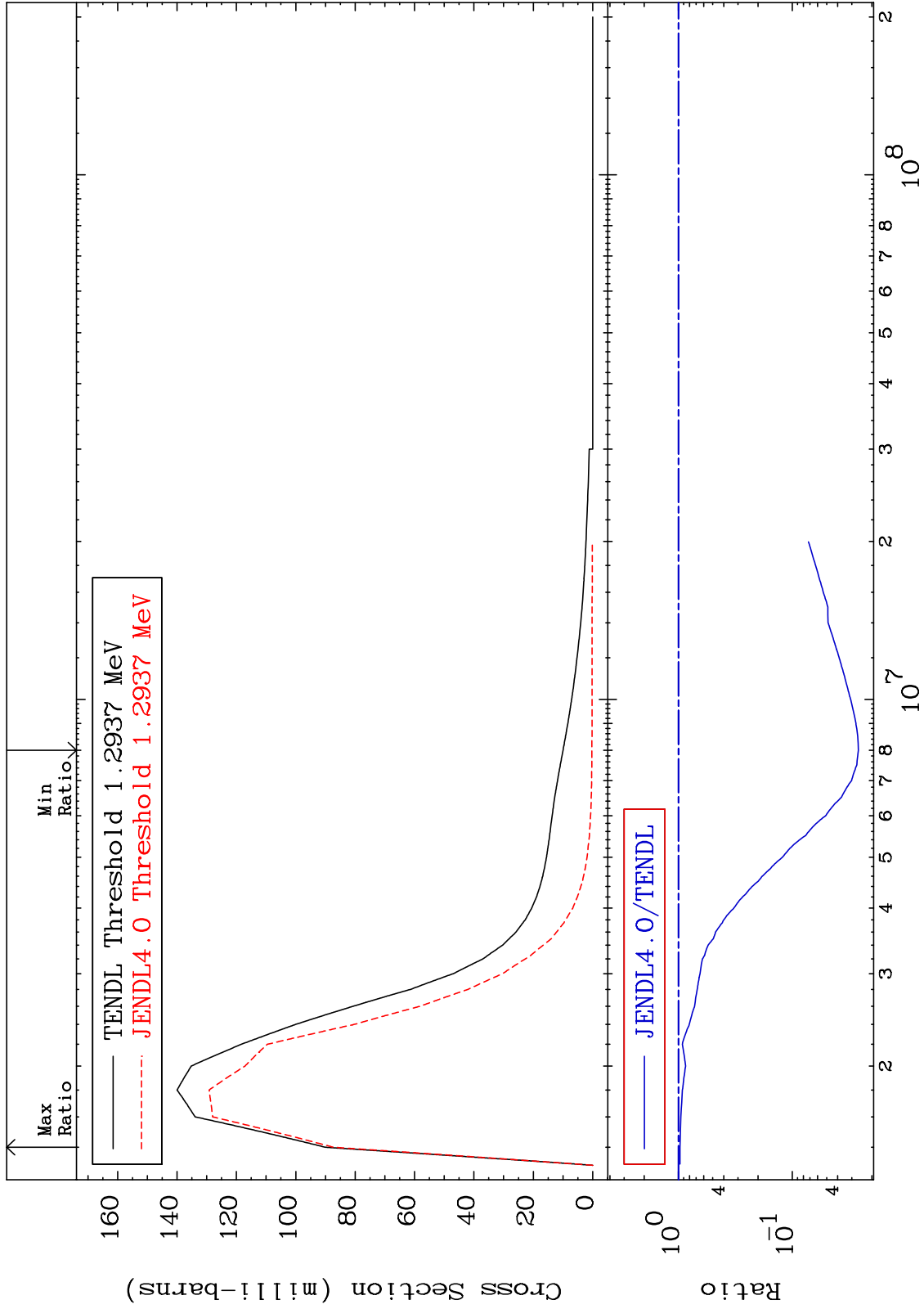


Incident Energy (eV) 48-Cd-116

MAT 4855

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

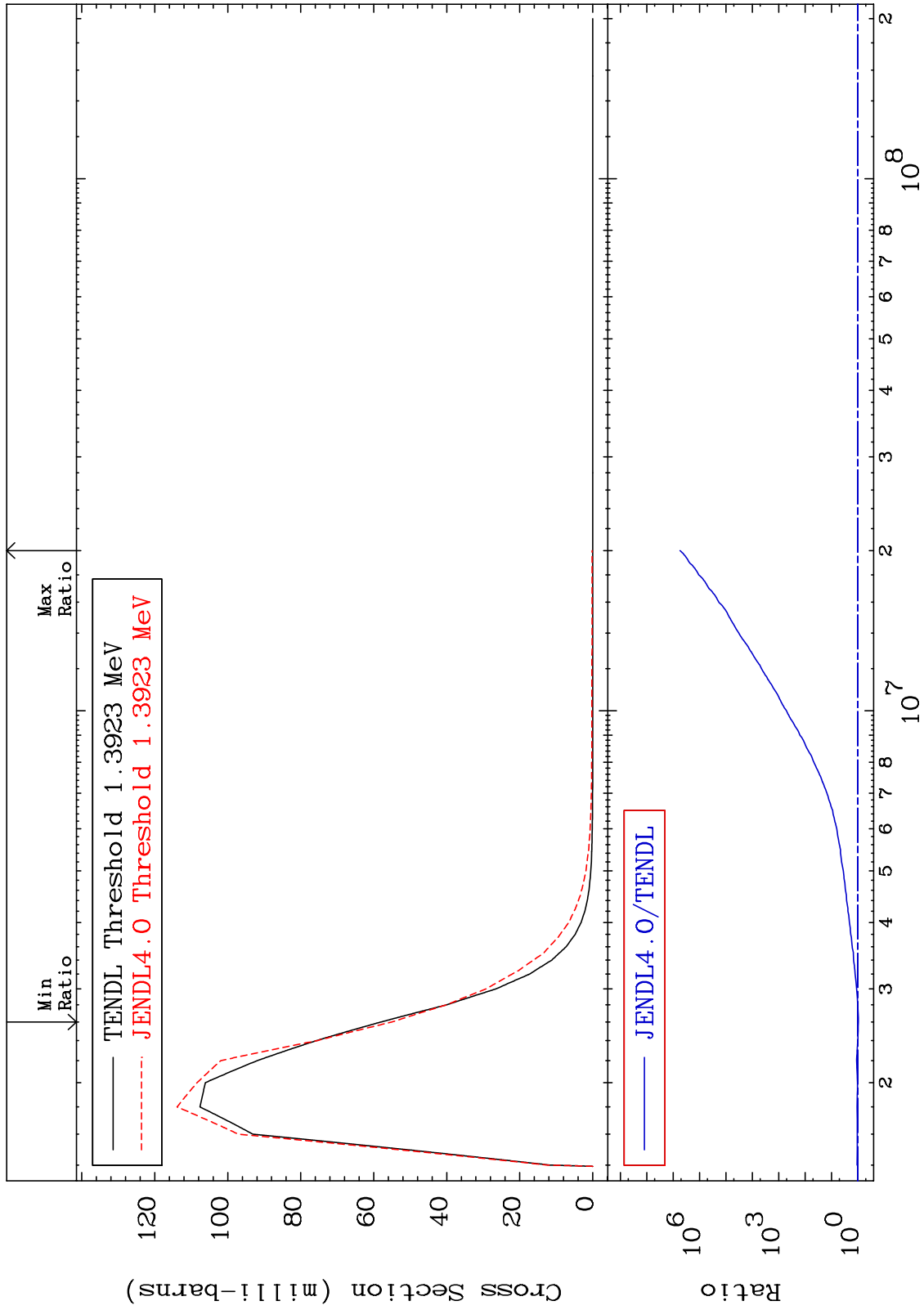
48-Cd-116
-97.37 To -3.060%



MAT 4855

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

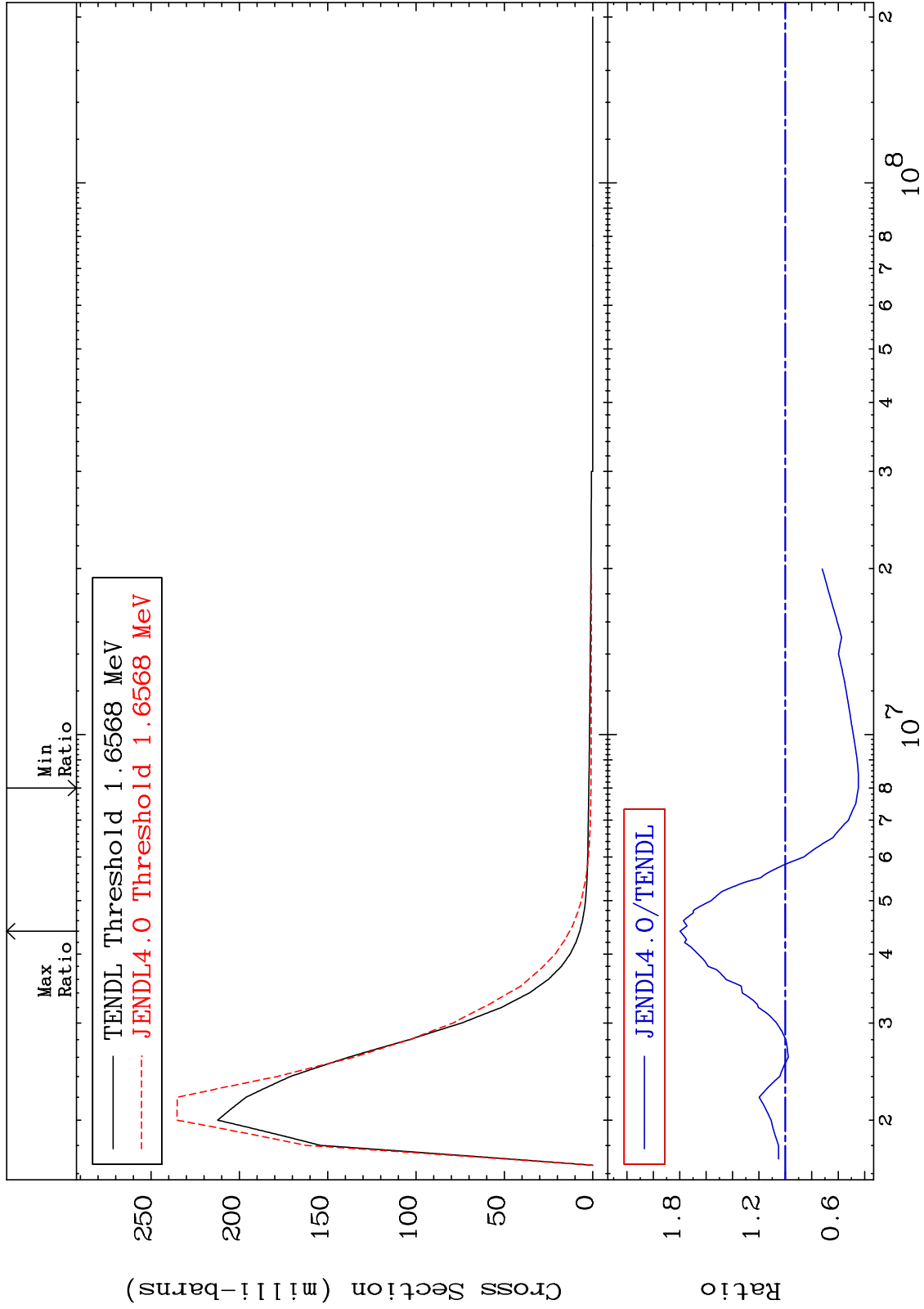
48-Cd-116
-5.130 To 9999. %



MAT 4855

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

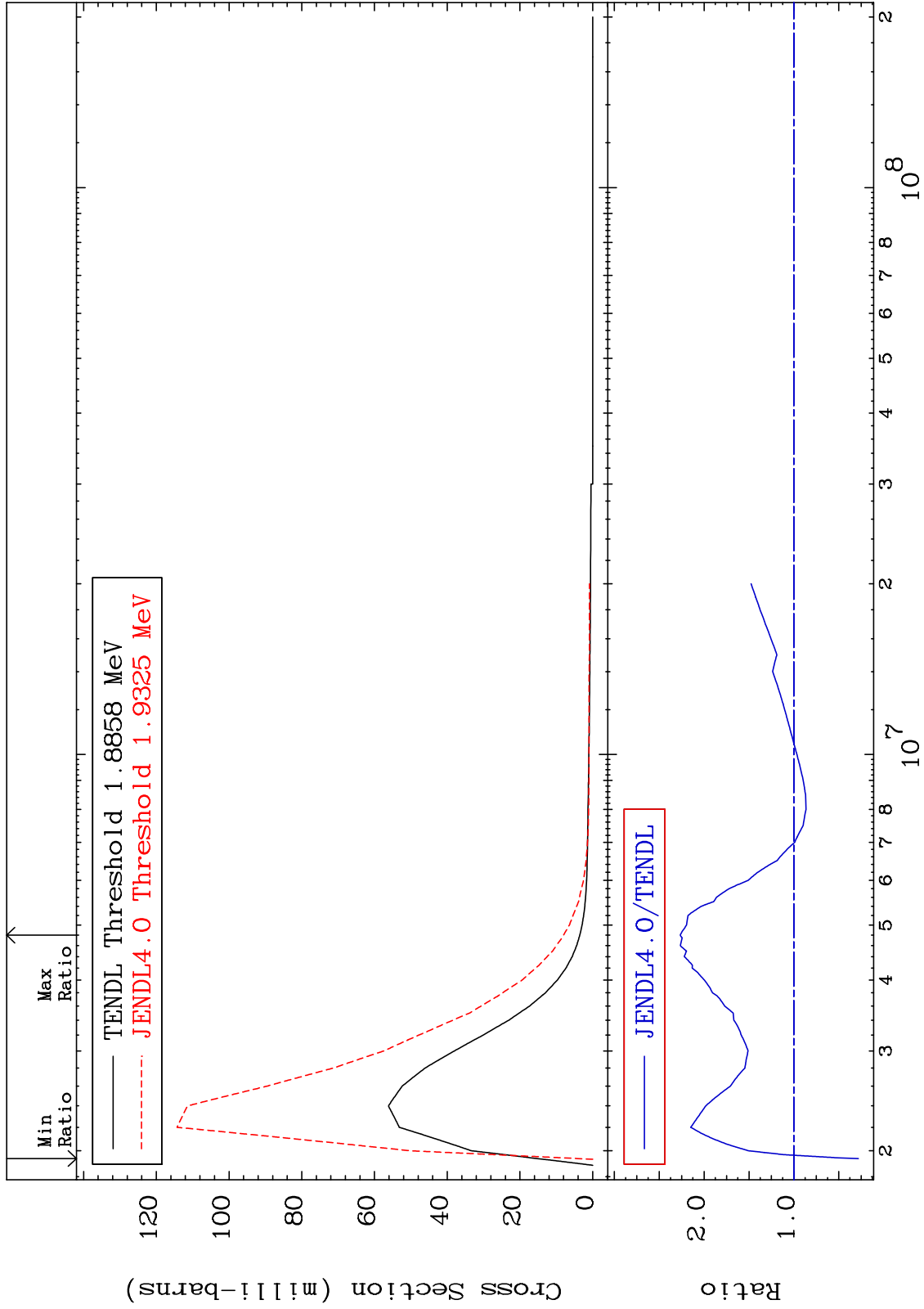
48-Cd-116
-55.31 To 79.81 %



MAT 4855

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

48-Cd-116
-71.91 To 126.9 %



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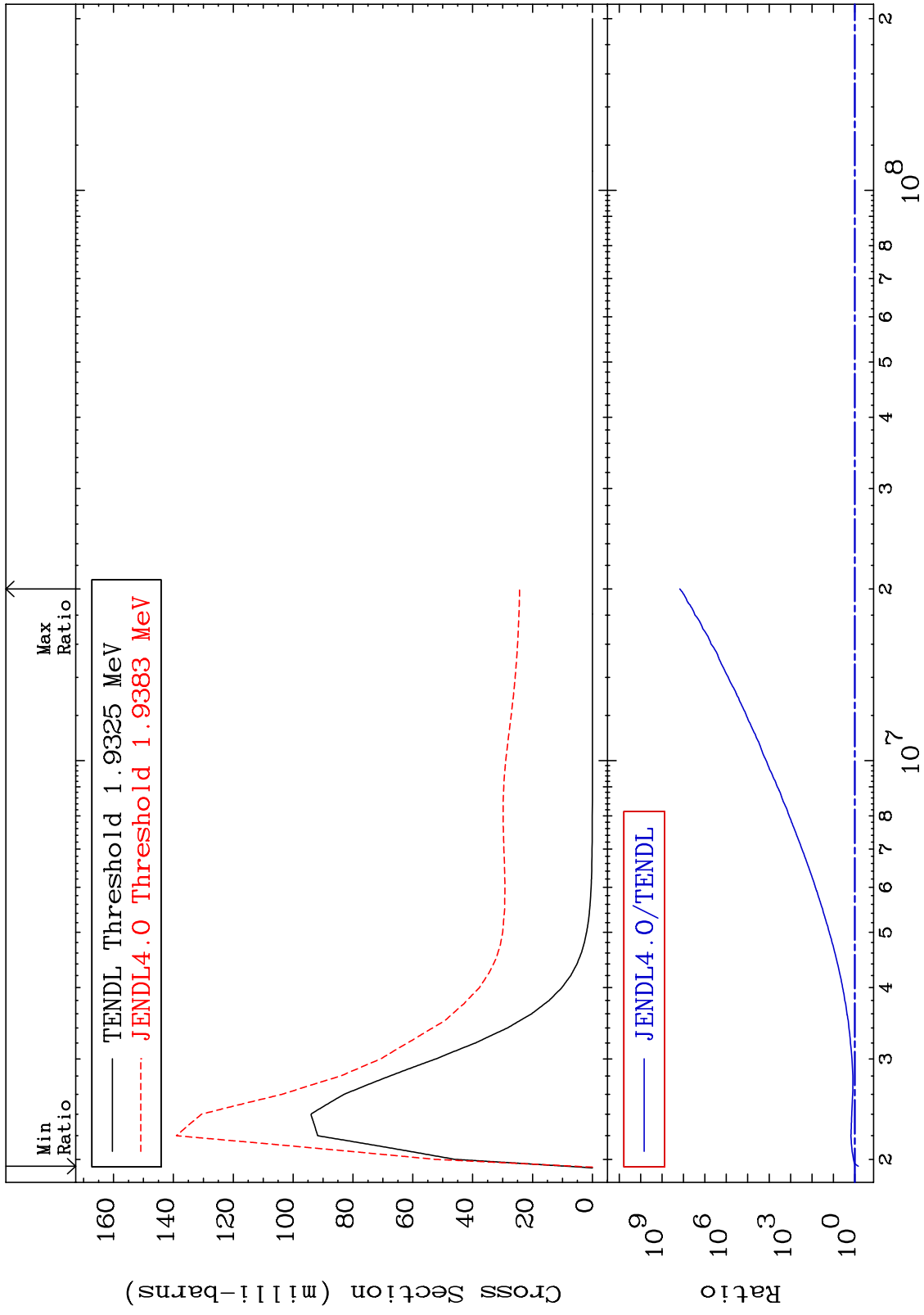
Incident Energy (eV)

48-Cd-116

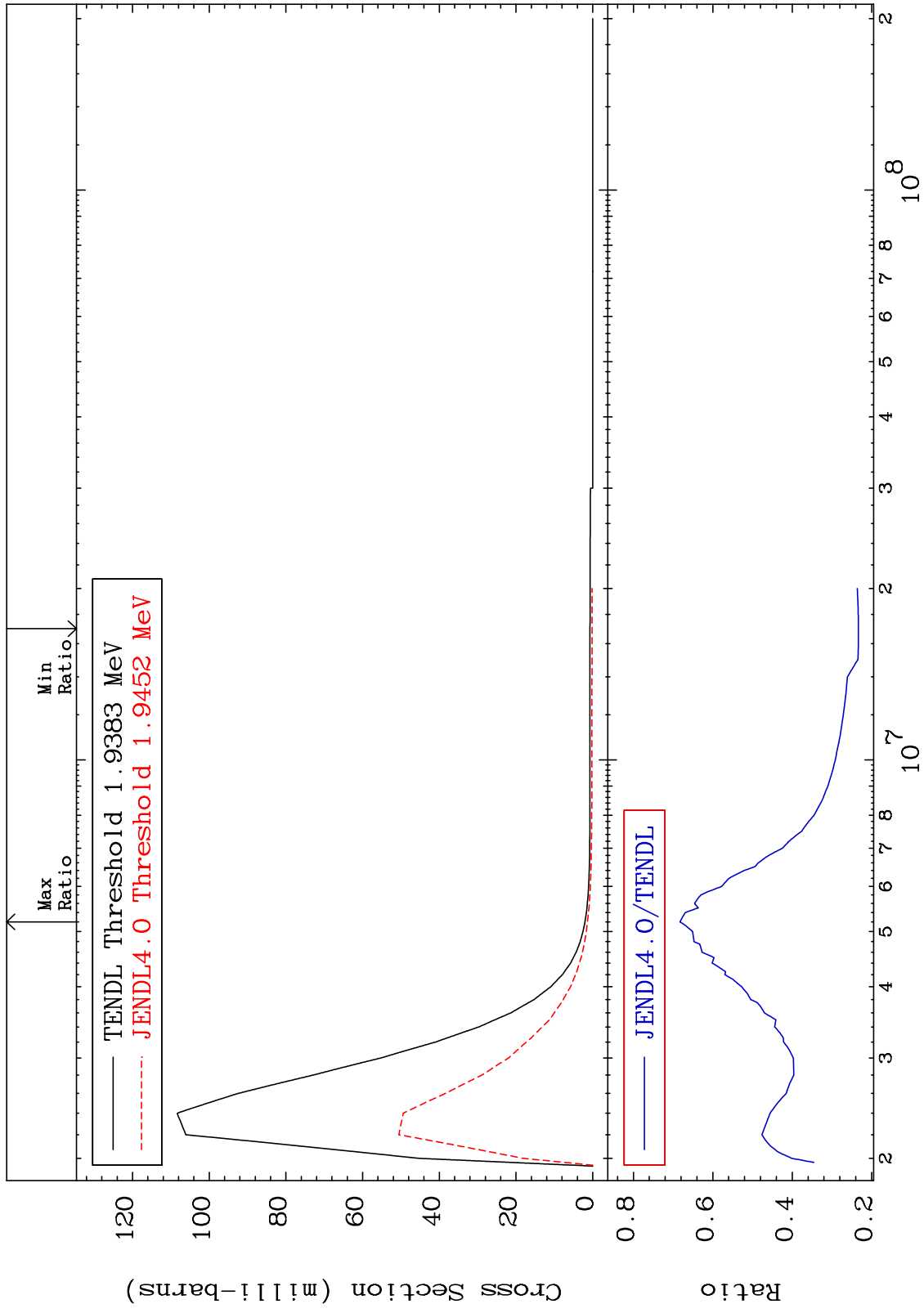
MAT 4855

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

48-Cd-116
-31.70 To 9999. %



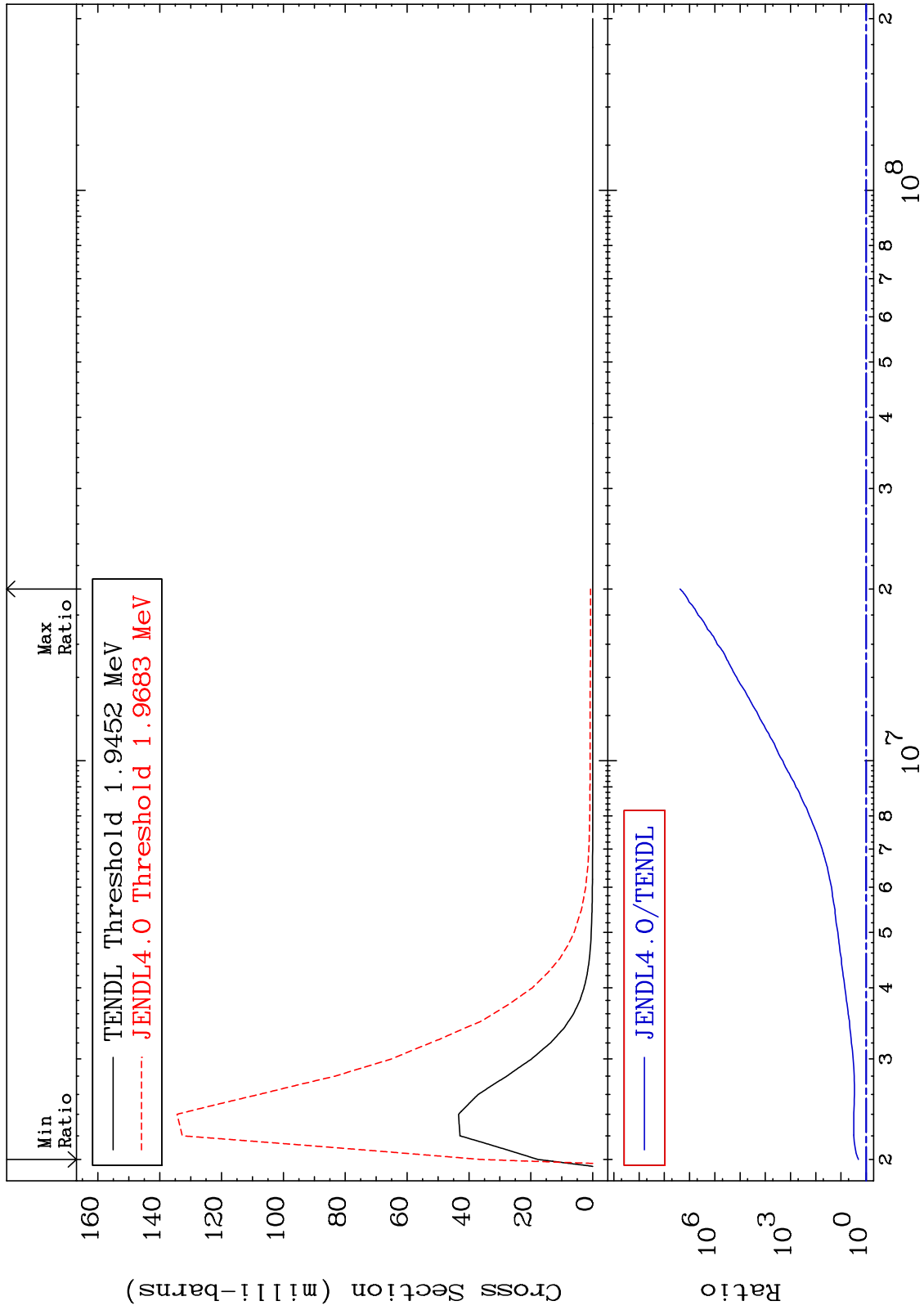
MAT 4855 MT= 59 (n,n') Level 48-Cd-116
 Cross Section -76.66 To -31.74%



MAT 4855

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

48-Cd-116
104.1 To 9999. %

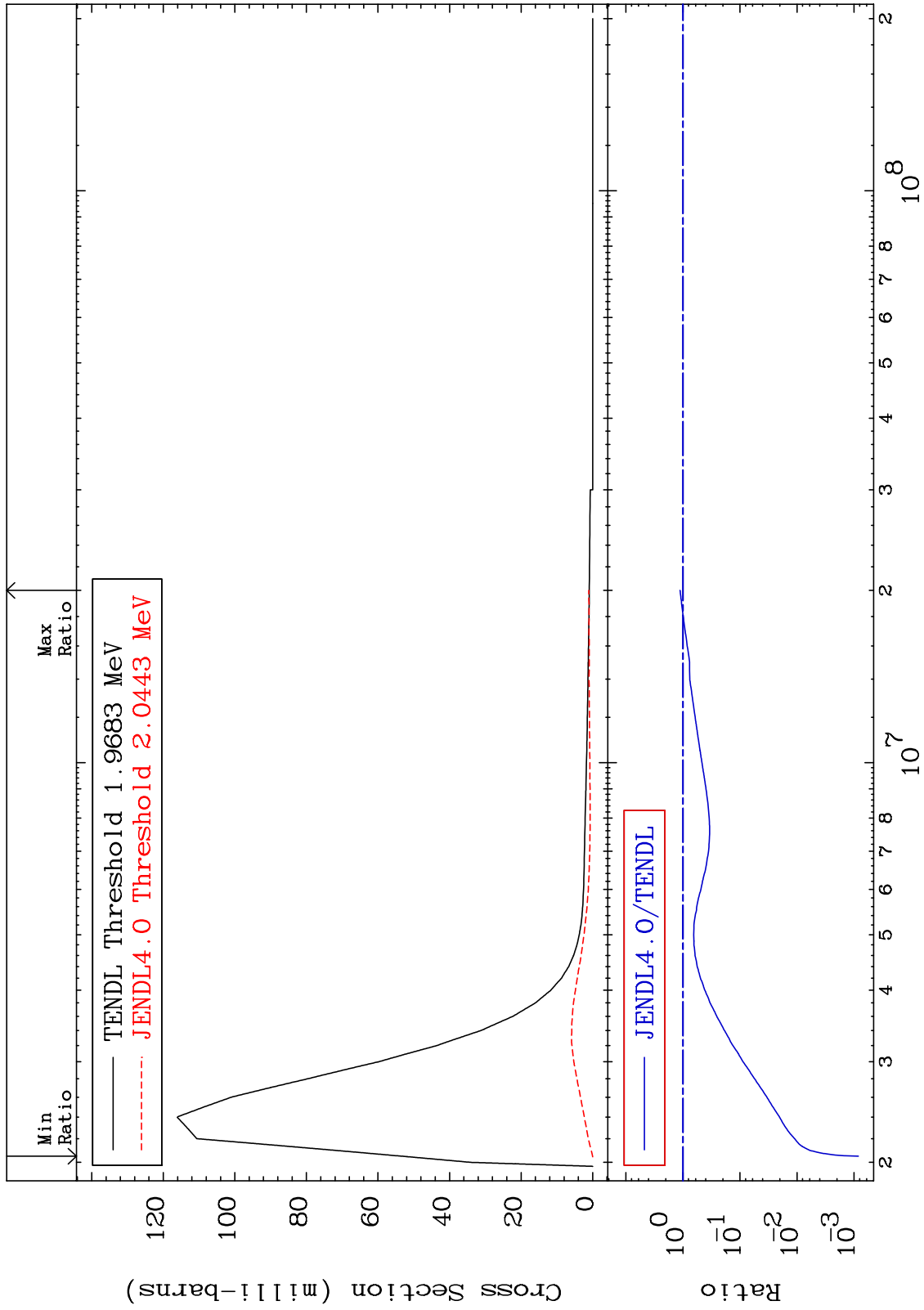


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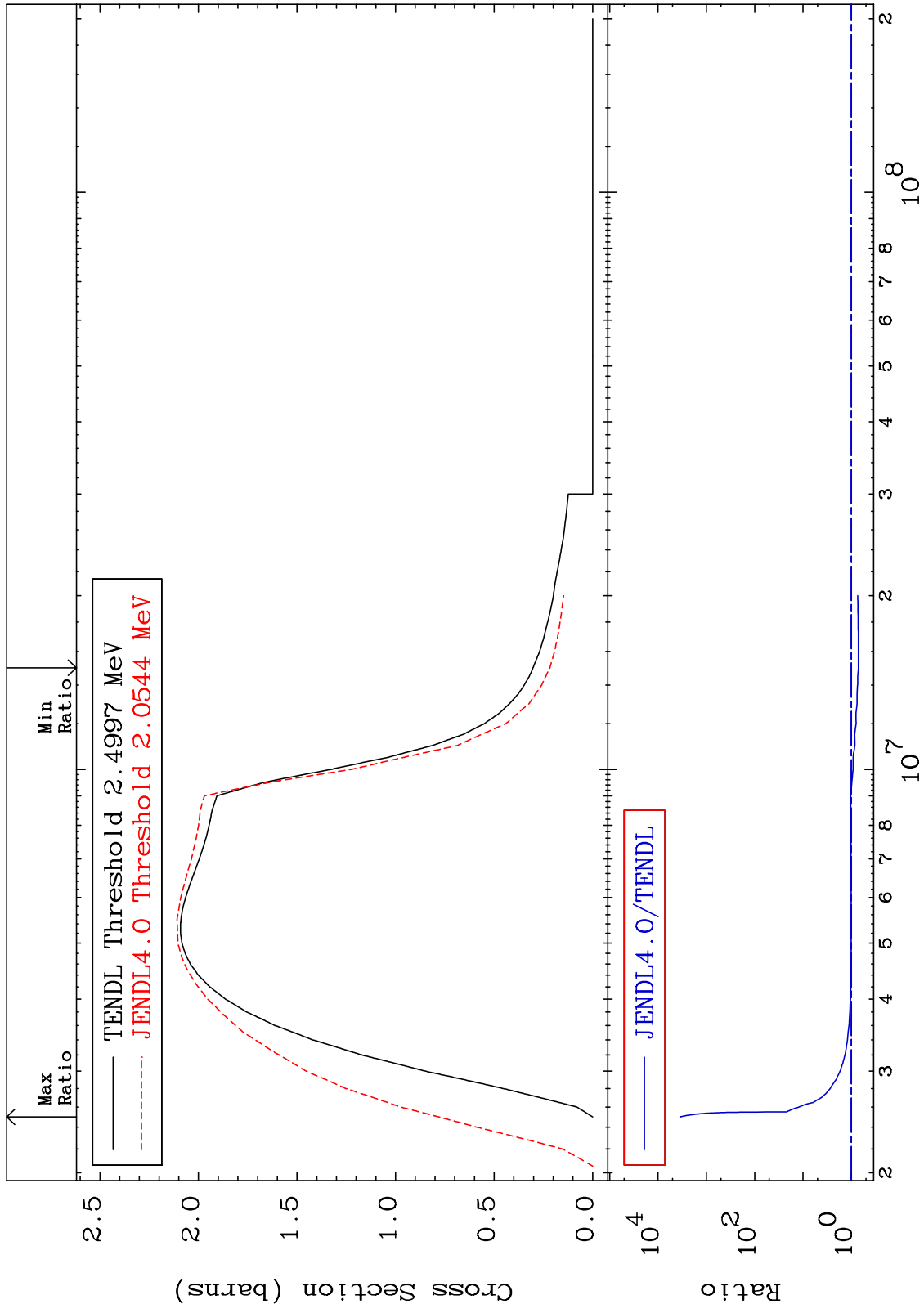
Incident Energy (eV)

48-Cd-116

MAT 4855 MT= 61 (n,n') Level Cross Section 48-Cd-116 -99.92 To 12.58 %



MAT 4855 (n,n') Continuum 48-Cd-116
Cross Section -28.30 To 9999. %



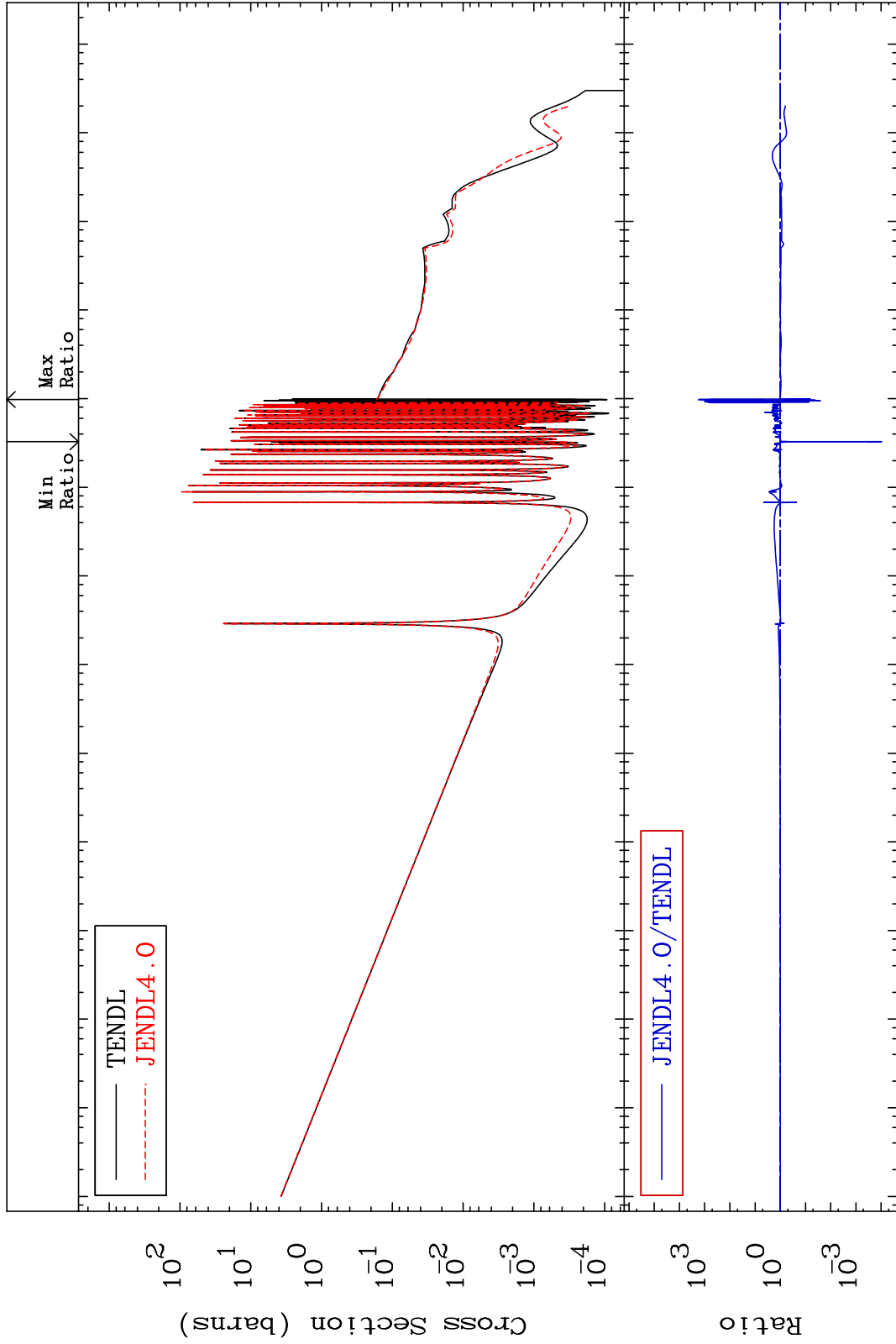
MAT 4855

(n, γ)

48-Cd-116

Cross Section

-99.99 To 9999. %



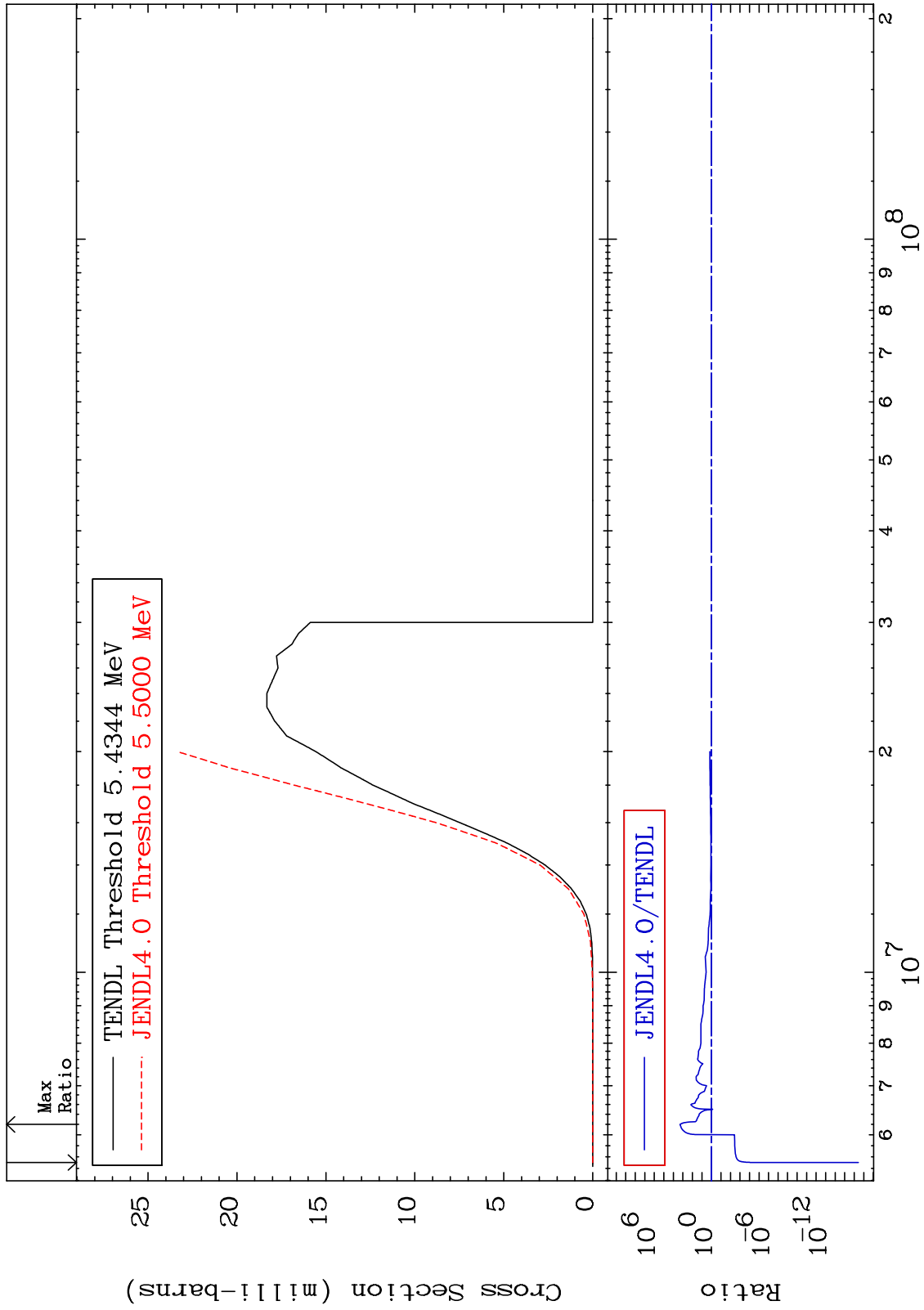
MAT 4855

(n,p)

48-Cd-116

Cross Section

-100.0 To 9999. %



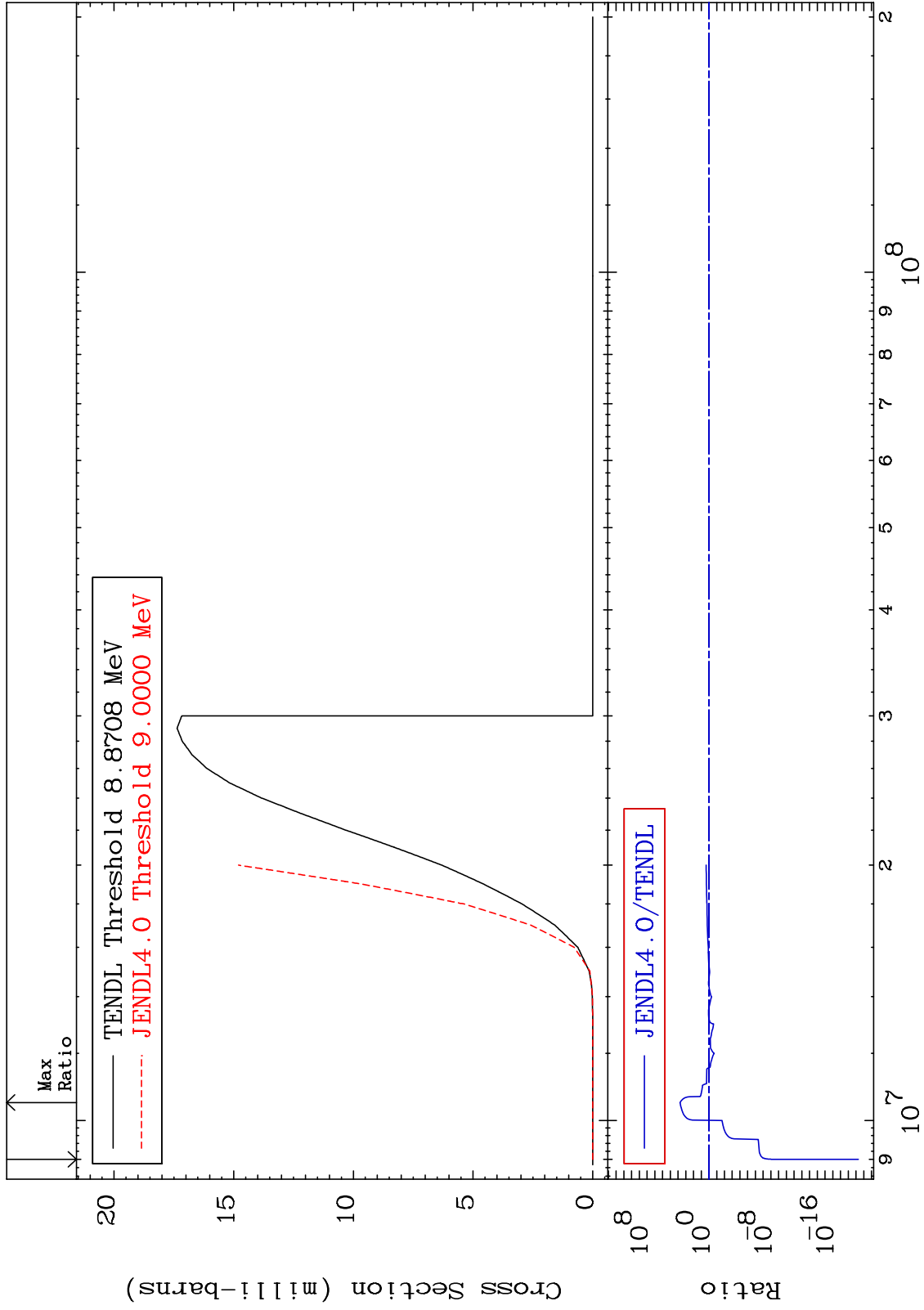
MAT 4855

(n,d)

48-Cd-116

Cross Section

-100.0 To 9999. %

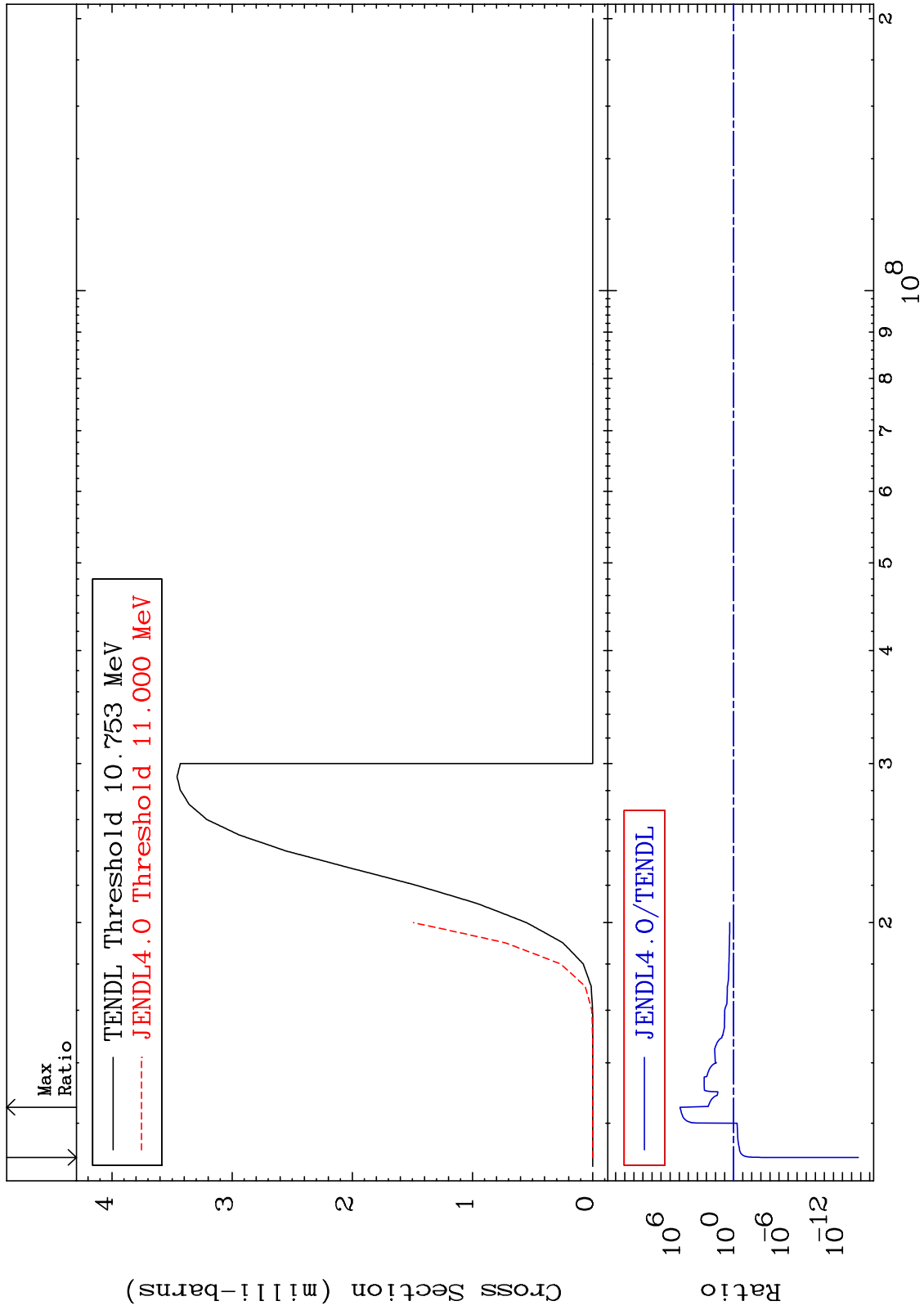


Incident Energy (eV)

48-Cd-116

23

MAT 4855 (n, t) Cross Section 48-Cd-116 -100.0 To 9999. %



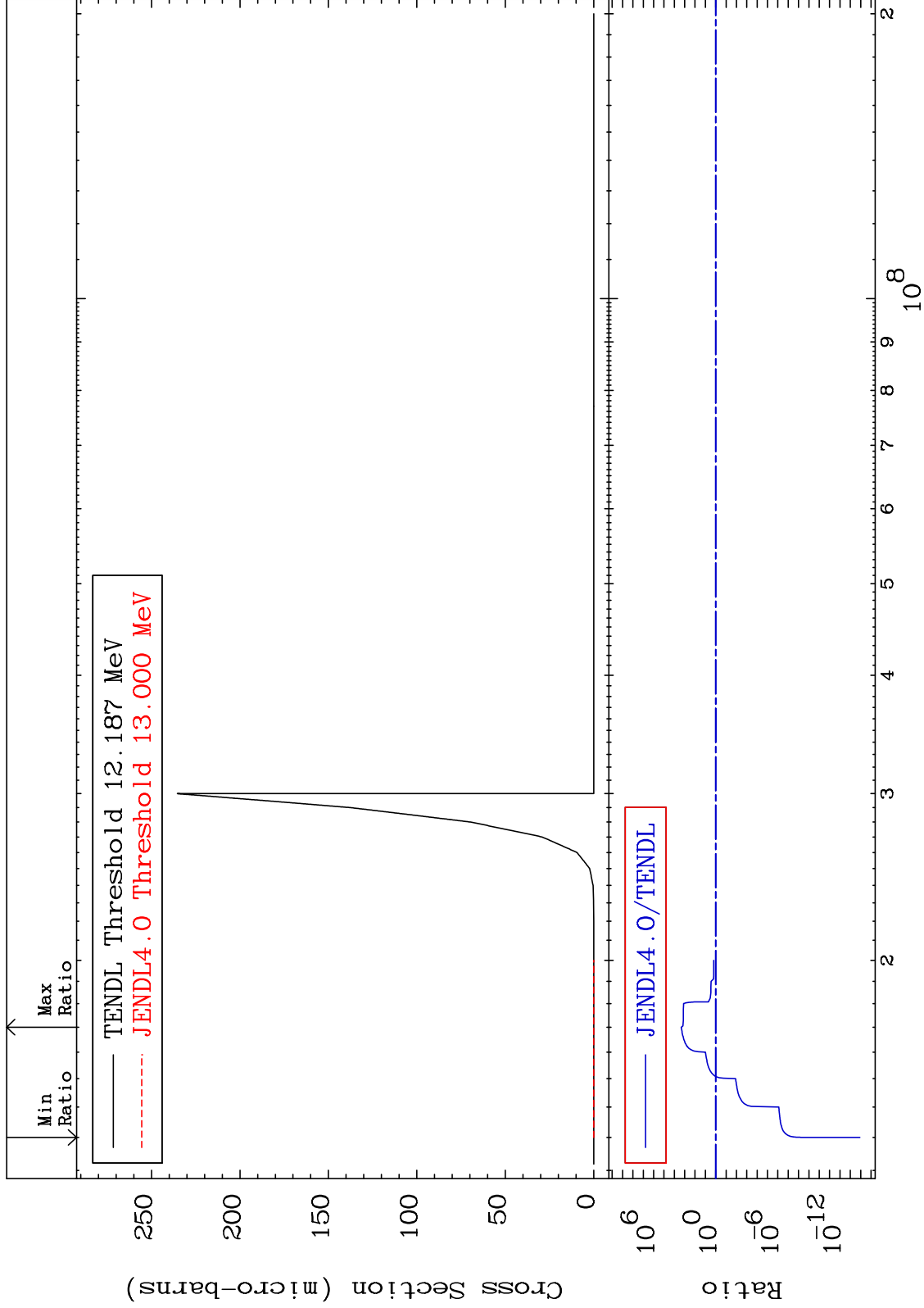
MAT 4855

(n, He-3)

48-Cd-116

Cross Section

-100.0 To 9999. %



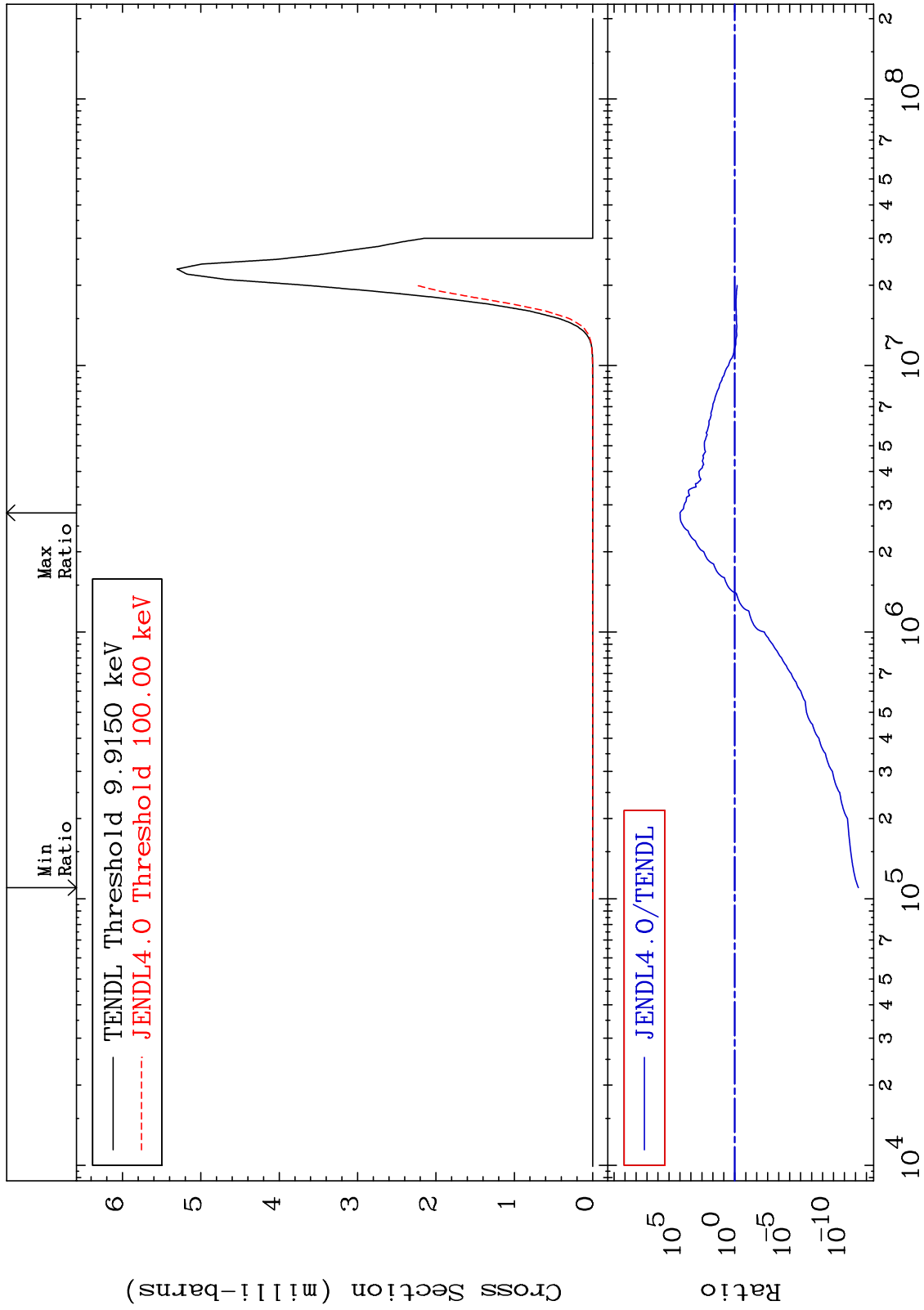
MAT 4855

48-Cd-116

(n, α)

-100.0 To 9999. %

Cross Section

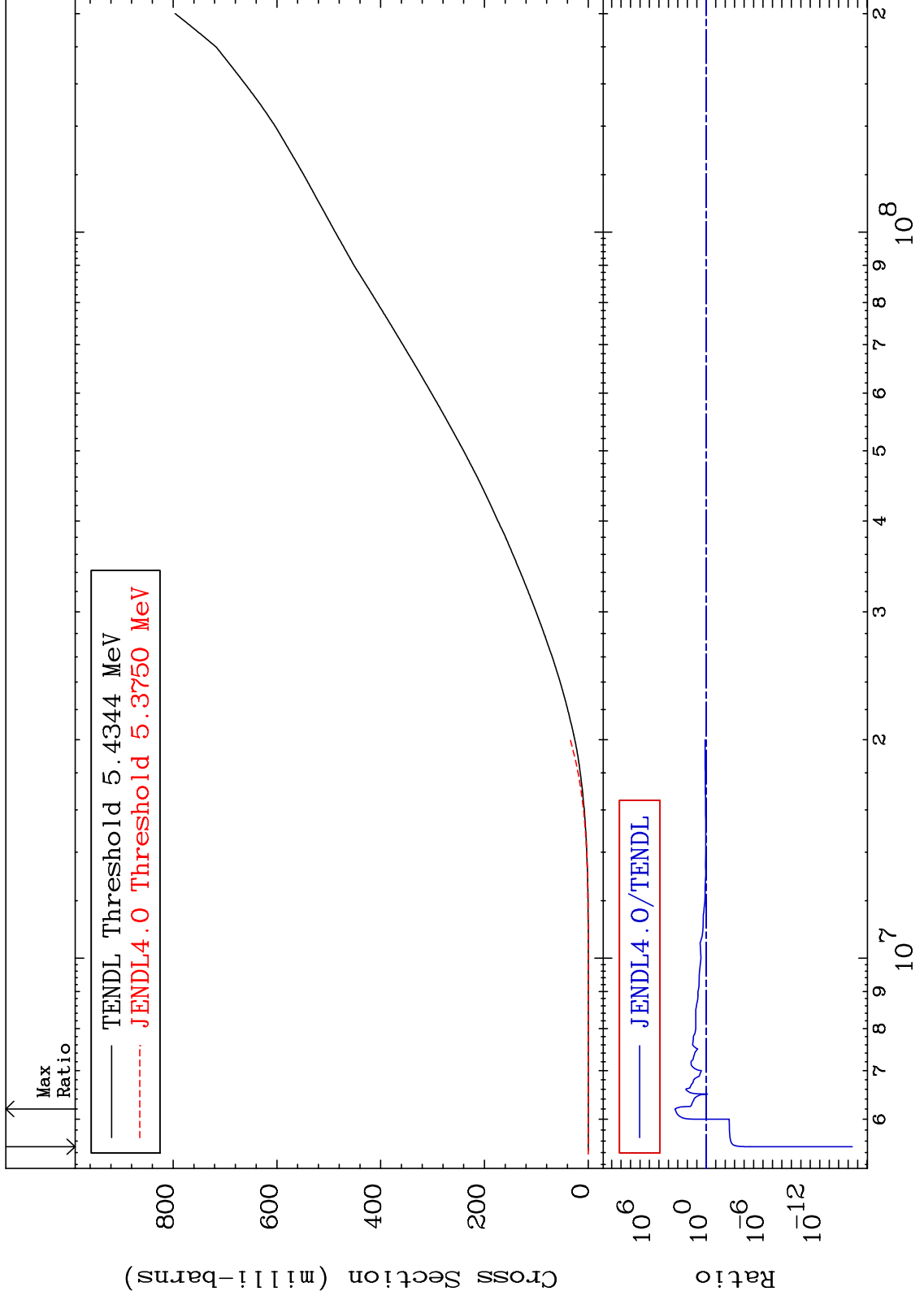


48-Cd-116

MAT 4855

Hydrogen Production
Cross Section

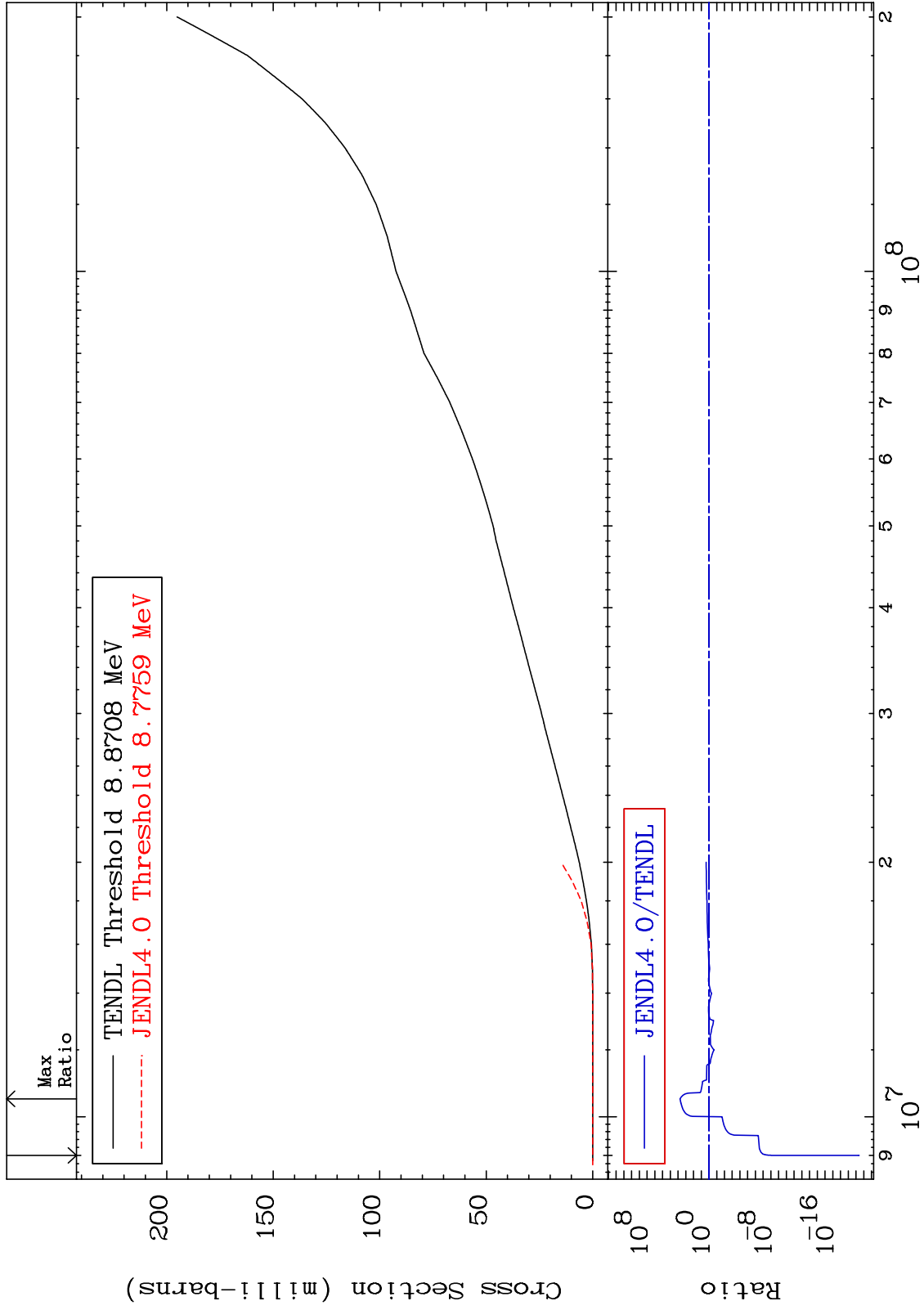
48-Cd-116
-100.0 To 9999. %



MAT 4855

Deuterium Production
Cross Section

48-Cd-116
-100.0 To 9999. %



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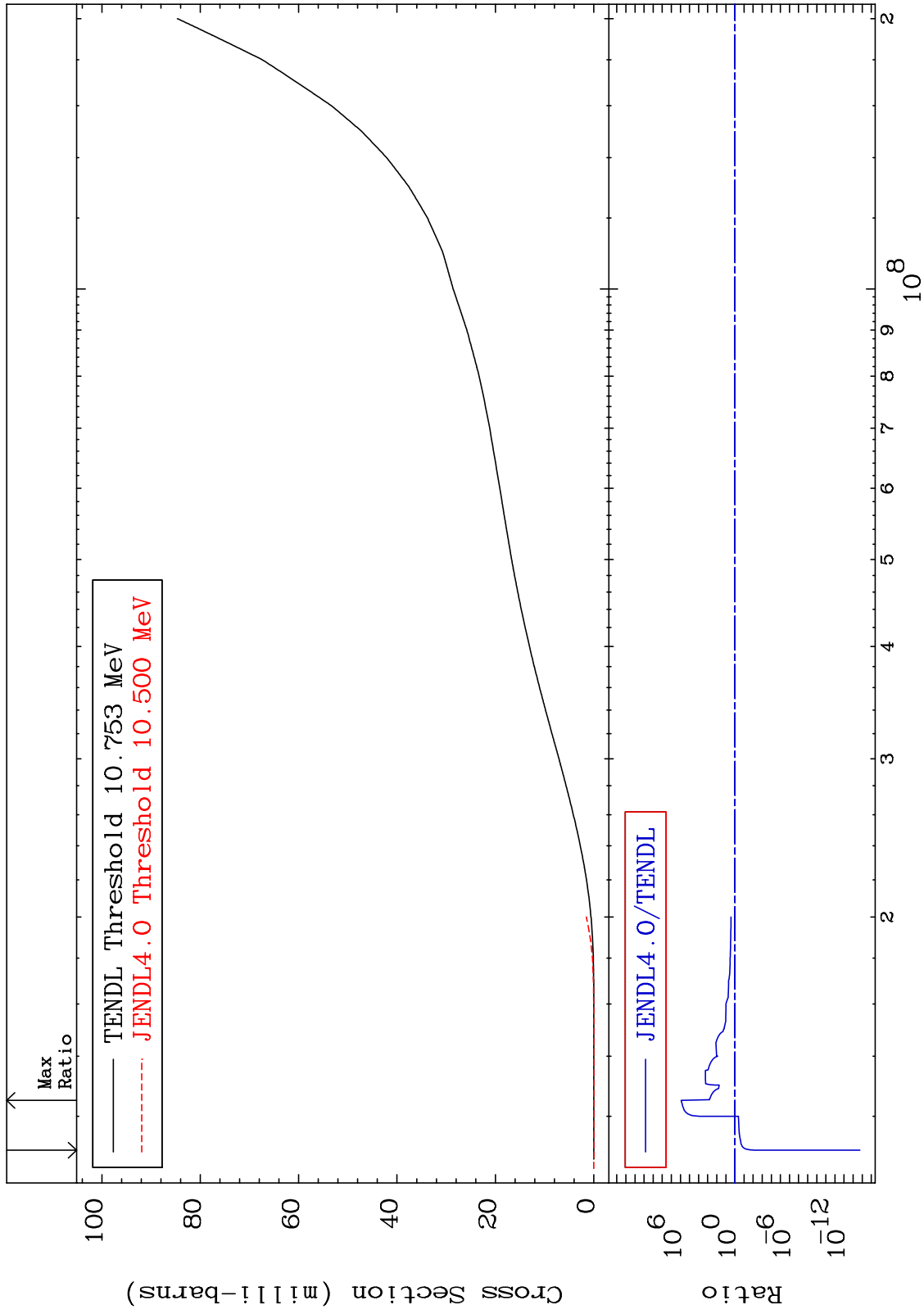
Incident Energy (eV)

48-Cd-116

MAT 4855

Tritium Production
Cross Section

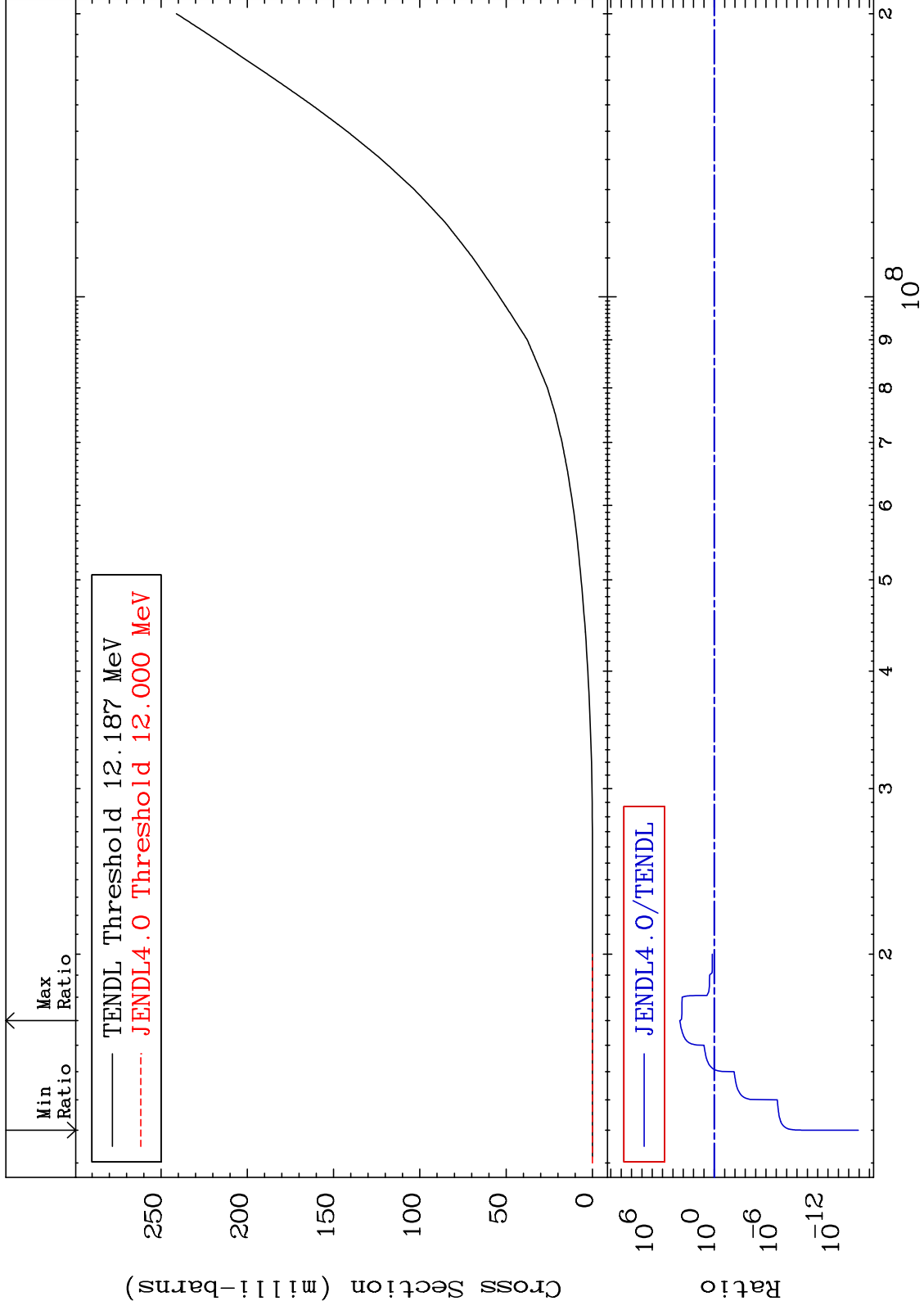
48-Cd-116
-100.0 To 9999. %



MAT 4855

He-3 Production
Cross Section

48-Cd-116
-100.0 To 9999. %



30

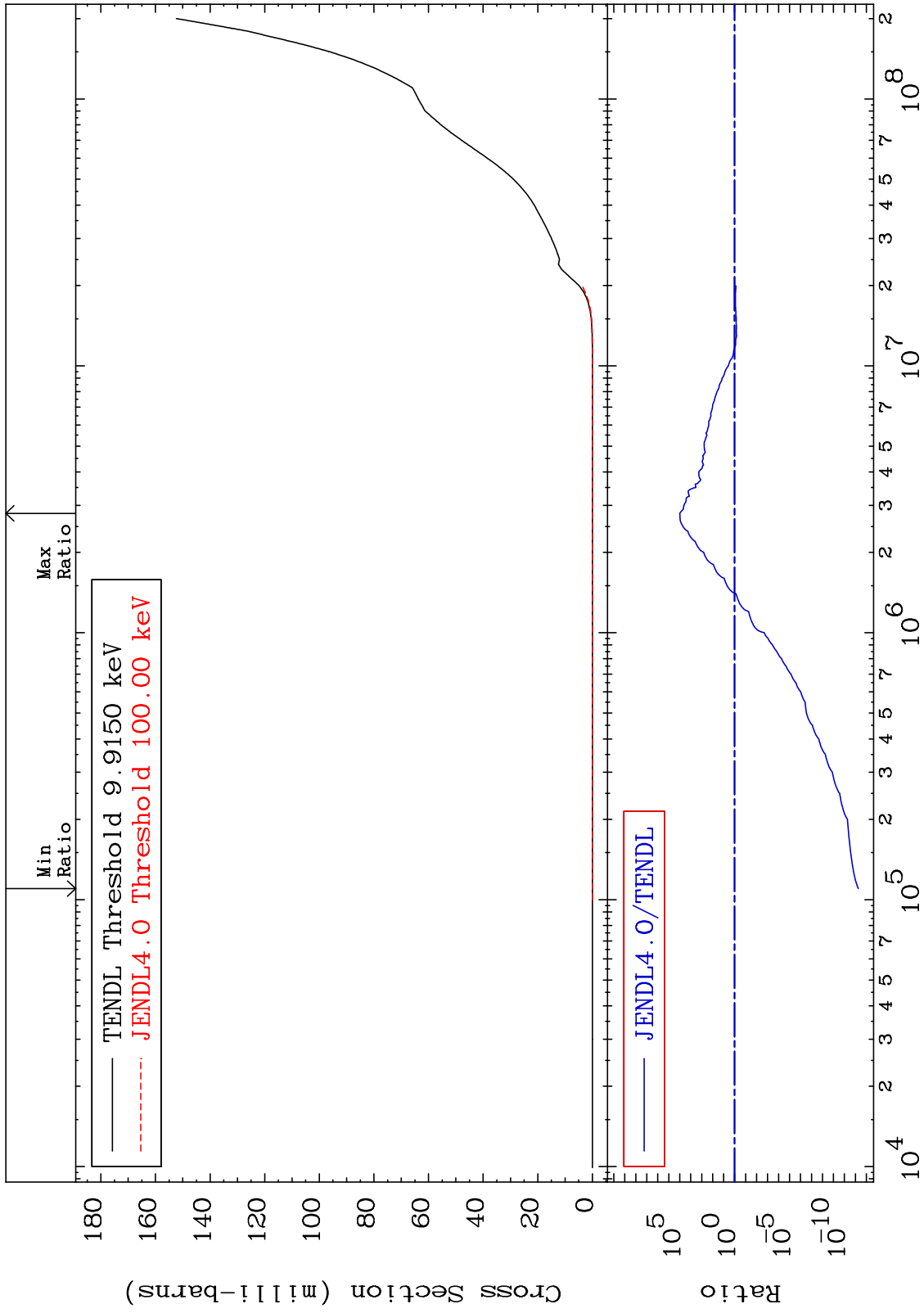
Incident Energy (eV)

48-Cd-116

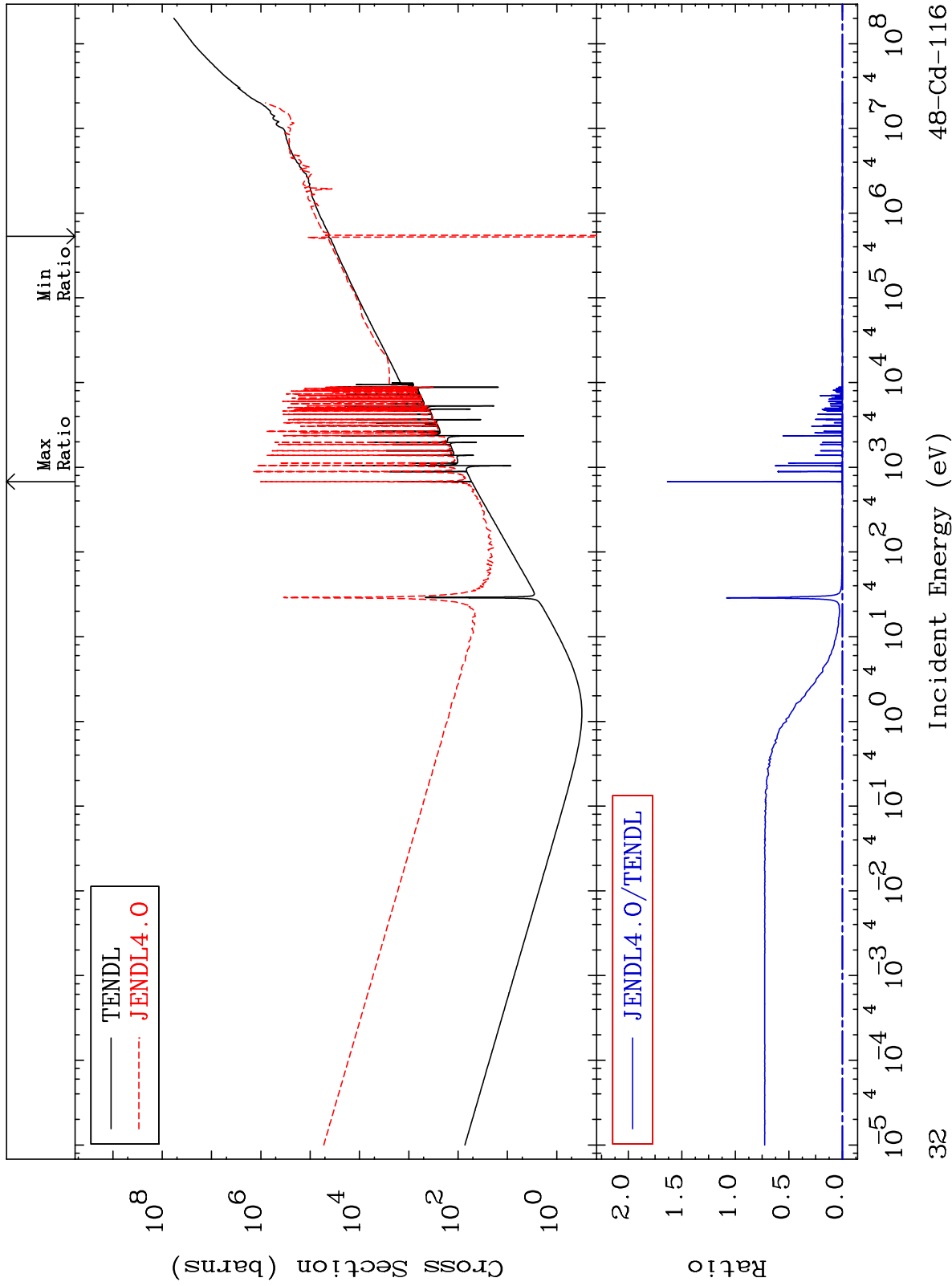
MAT 4855

He-4 Production
Cross Section

48-Cd-116
-100.0 To 9999. %



MAT 4855 Kerma total (eV-barns) 48-Cd-116
Cross Section -320.3 To 9999. %

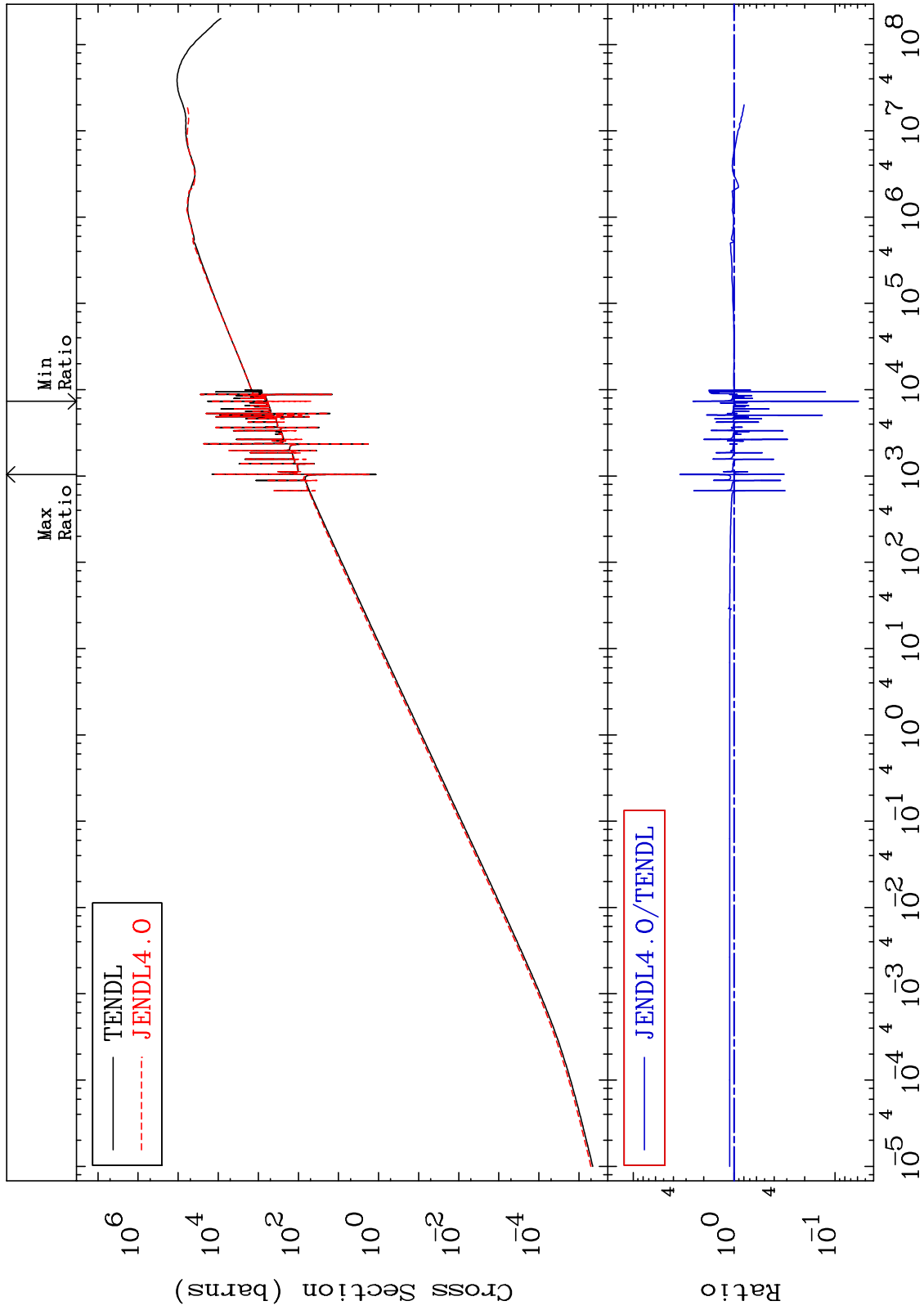


48-Cd-116

MAT 4855

Kerma elastic
Cross Section

48-Cd-116
-94.14 To 243.7 %



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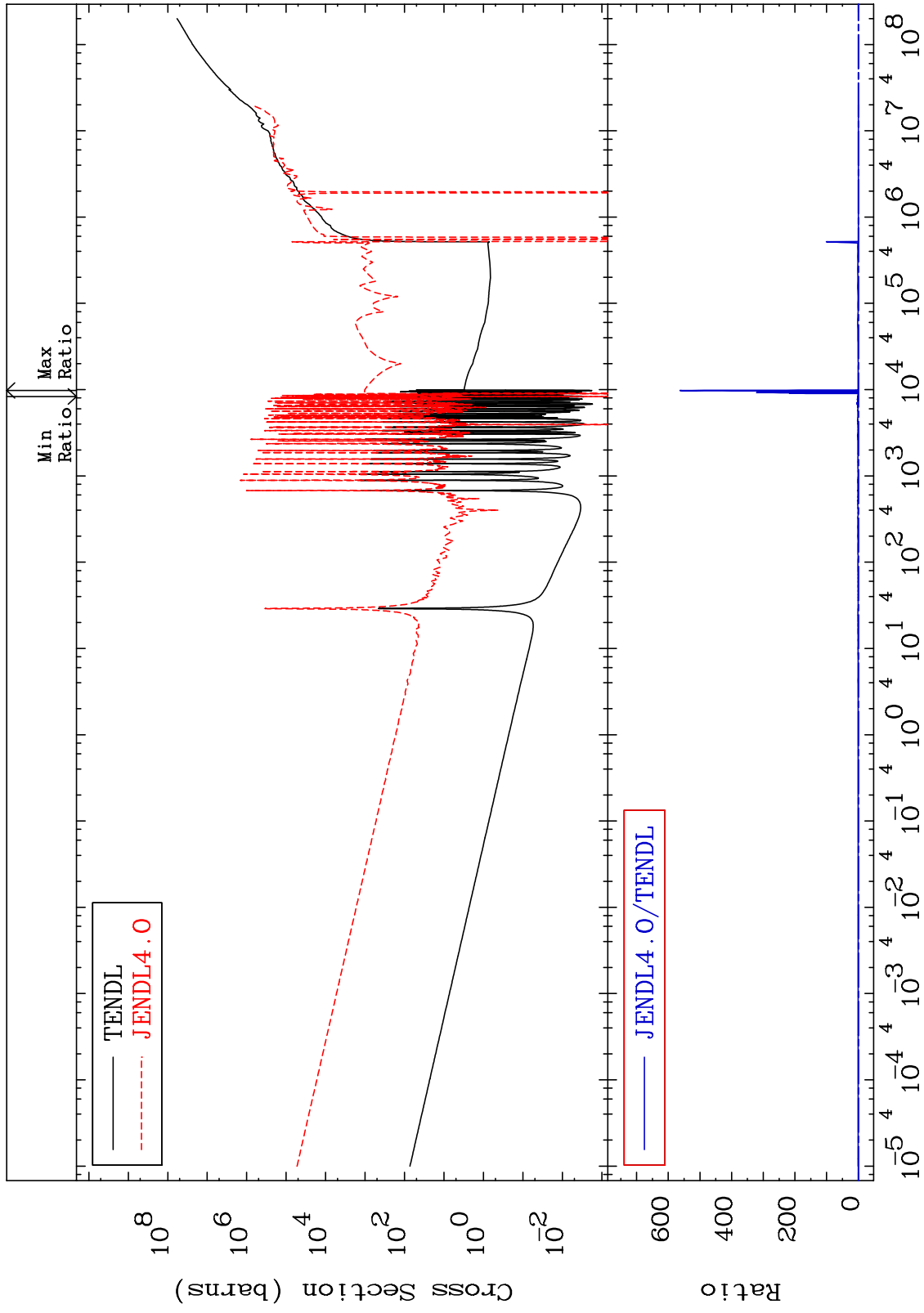
Incident Energy (eV)

48-Cd-116

MAT 4855

Kerma non-elastic (all but mt2)
Cross Section

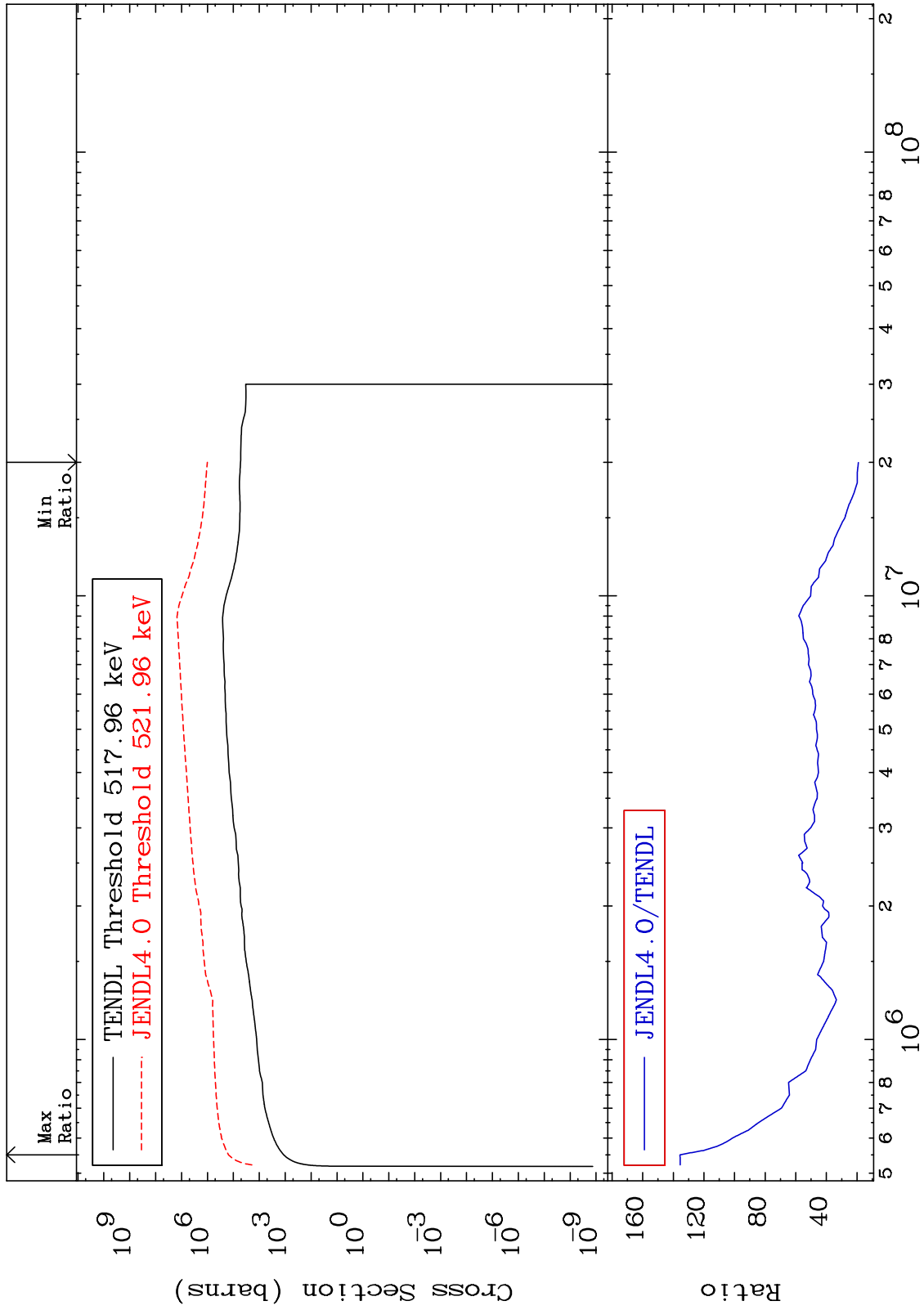
48-Cd-116
-9999. To 9999. %



MAT 4855

Kerma inelastic (mt51-91)
Cross Section

48-Cd-116
1808. To 9999. %



35

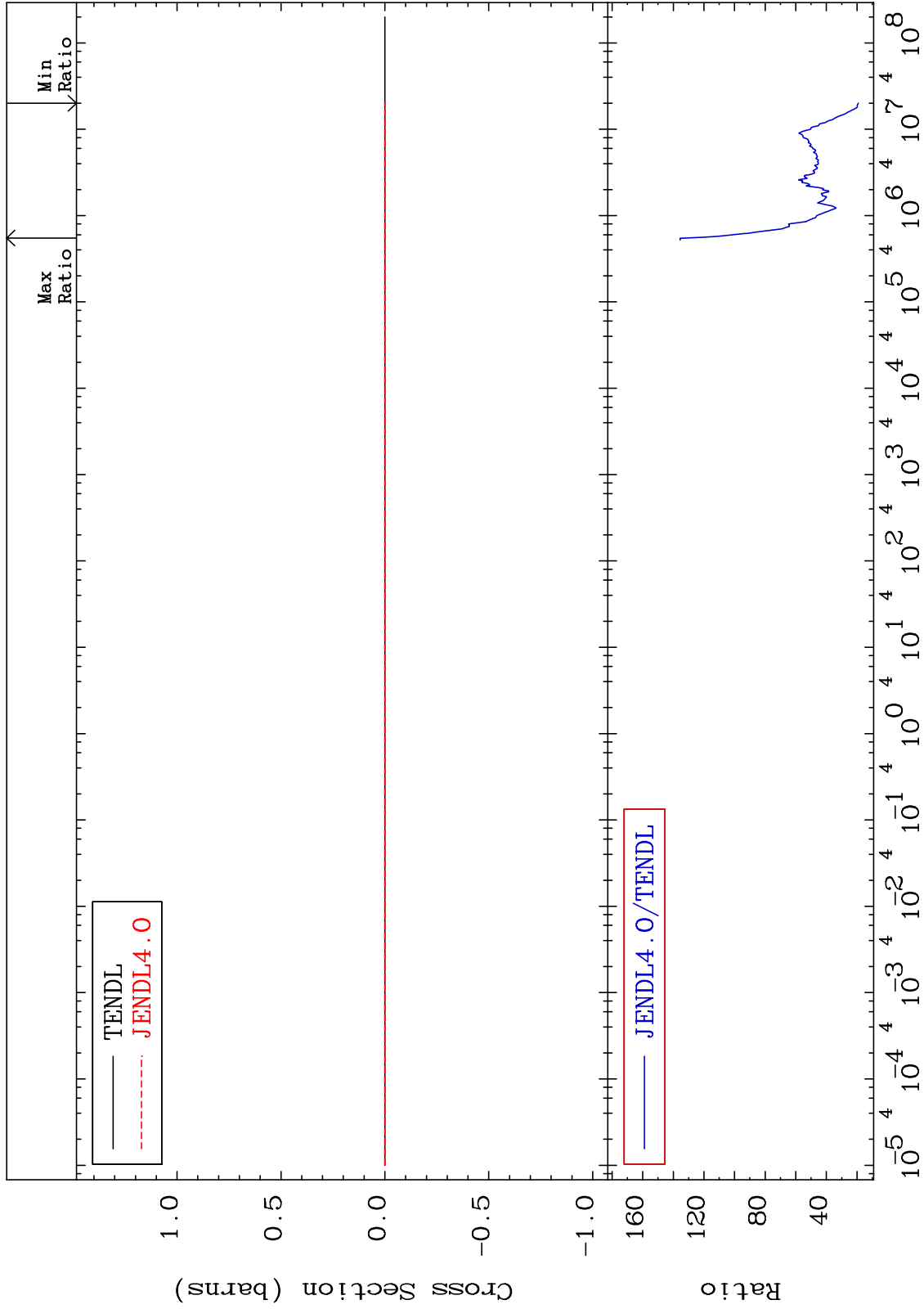
Incident Energy (eV)

48-Cd-116

MAT 4855

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

48-Cd-116
1808. To 9999. %



36

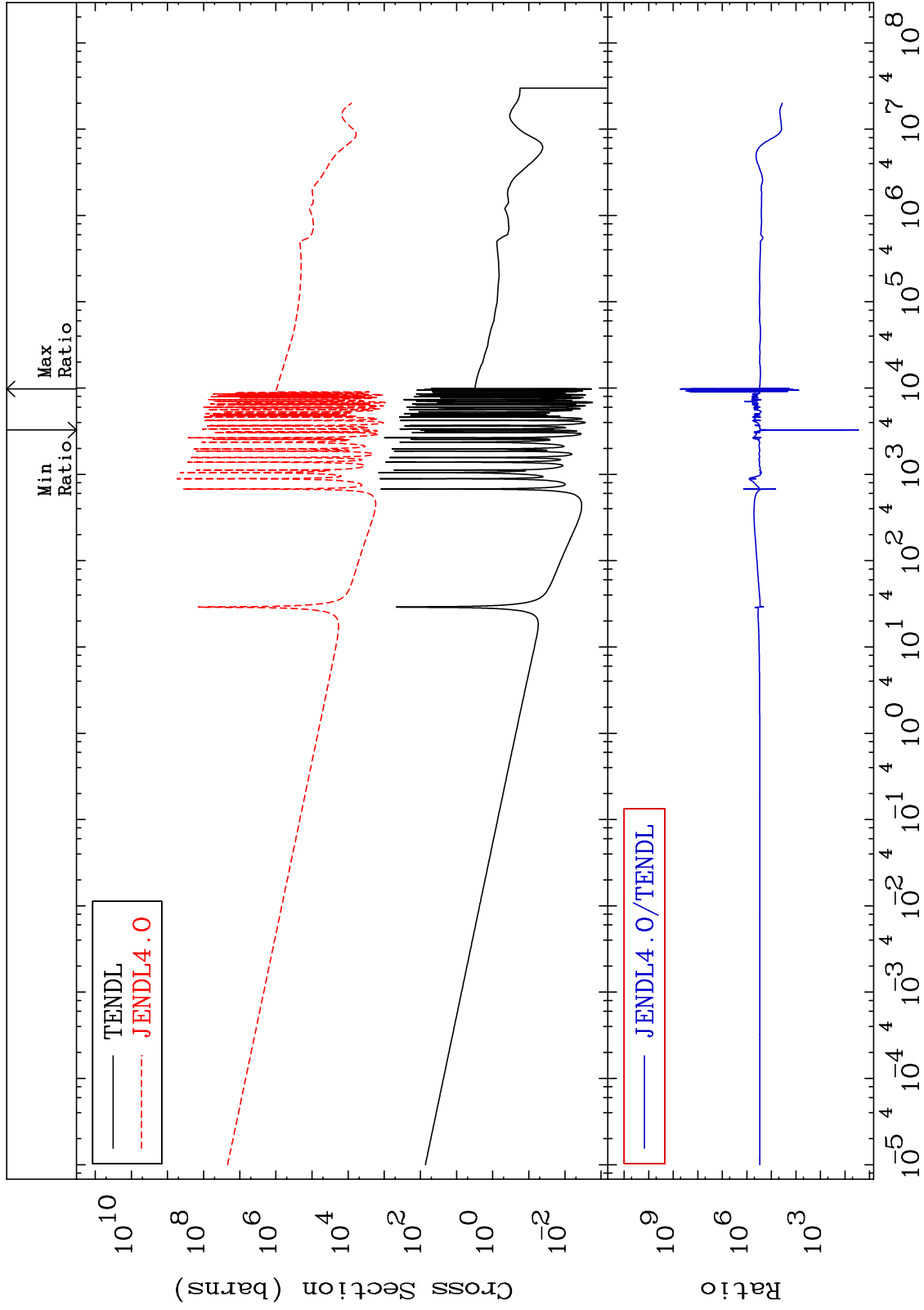
Incident Energy (eV)

48-Cd-116

MAT 4855

Kerma capture (mt102)
Cross Section

48-Cd-116
2742. To 9999. %



37

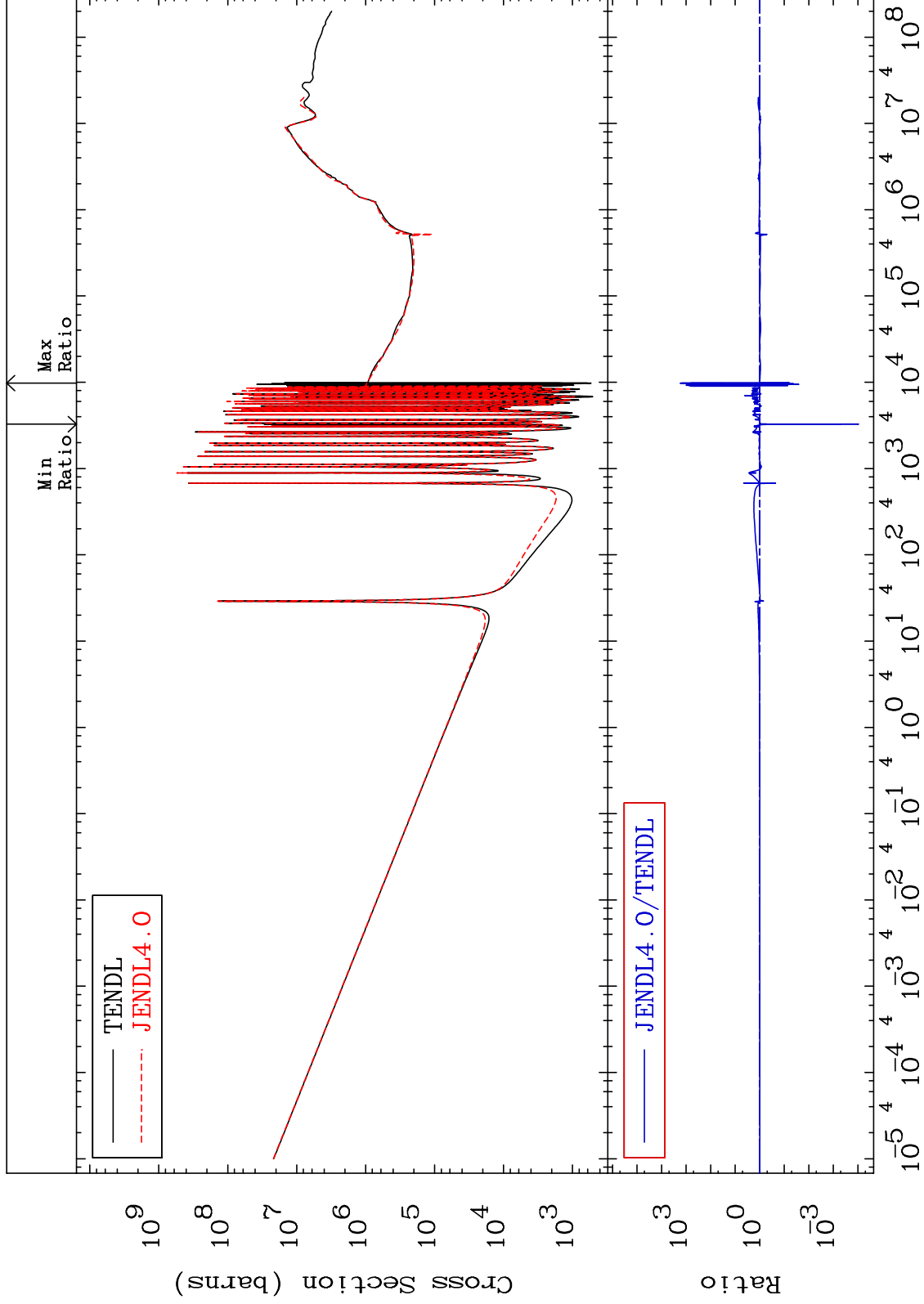
Incident Energy (eV)

48-Cd-116

MAT 4855

Total photon (eV-barns)
Cross Section

48-Cd-116
-99.99 To 9999. %



38

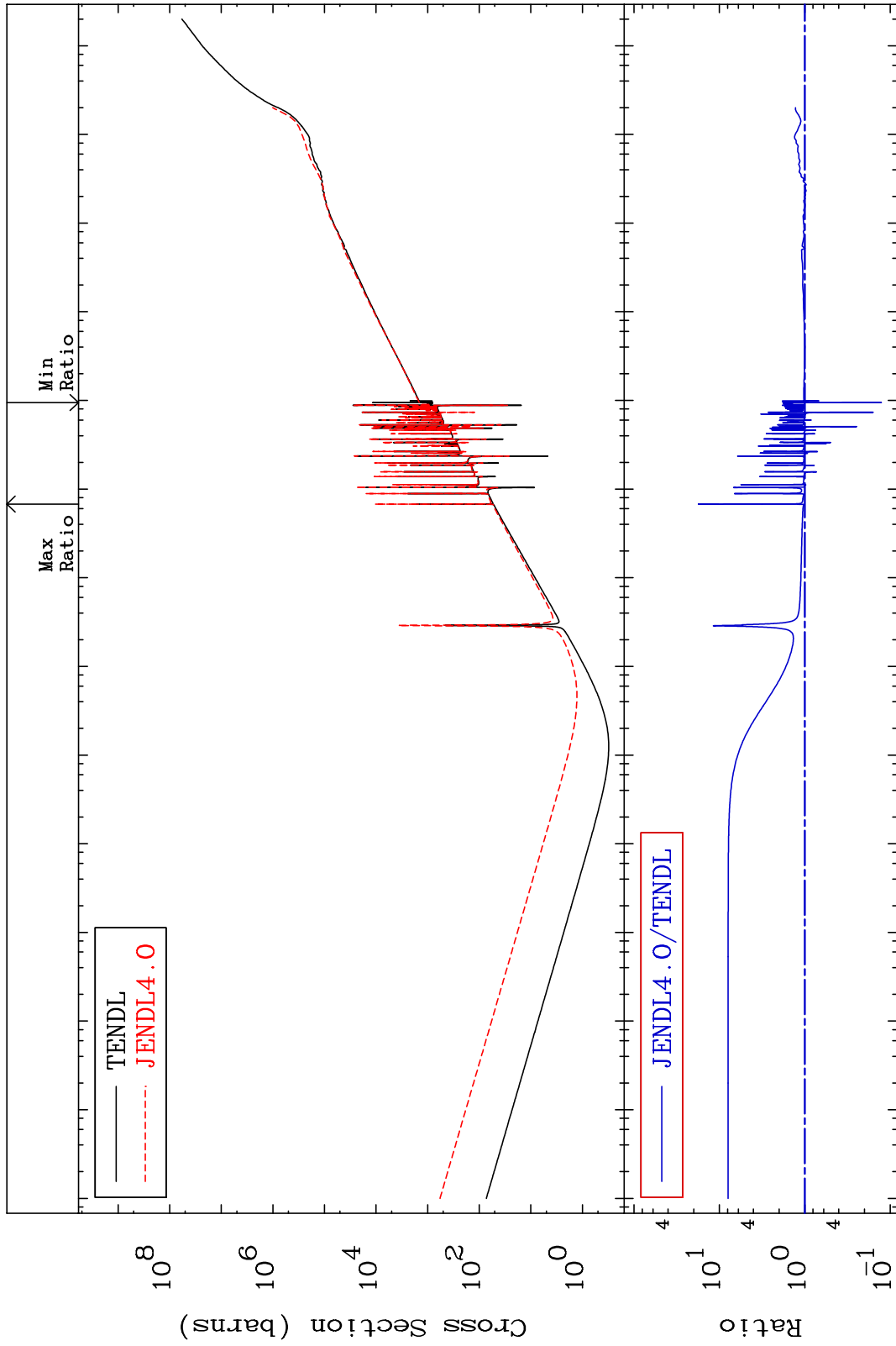
Incident Energy (eV)

48-Cd-116

MAT 4855

Total kinematic kerma (high limit)
Cross Section

48-Cd-116
-87.39 To 1666. %



39

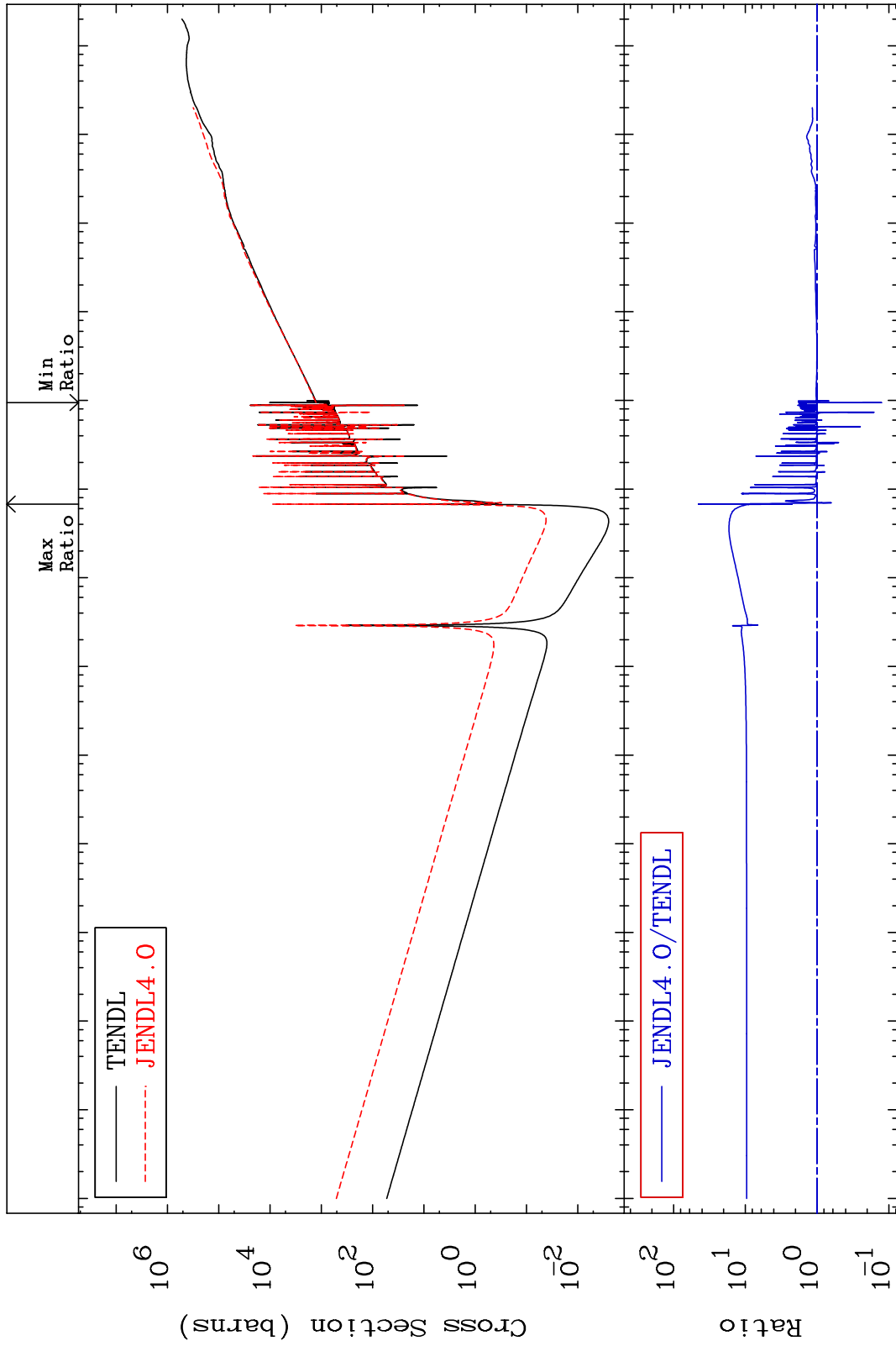
Incident Energy (eV)

48-Cd-116

MAT 4855

Dpa total (eV-barns)
Cross Section

48-Cd-116
-87.38 To 4410. %



40

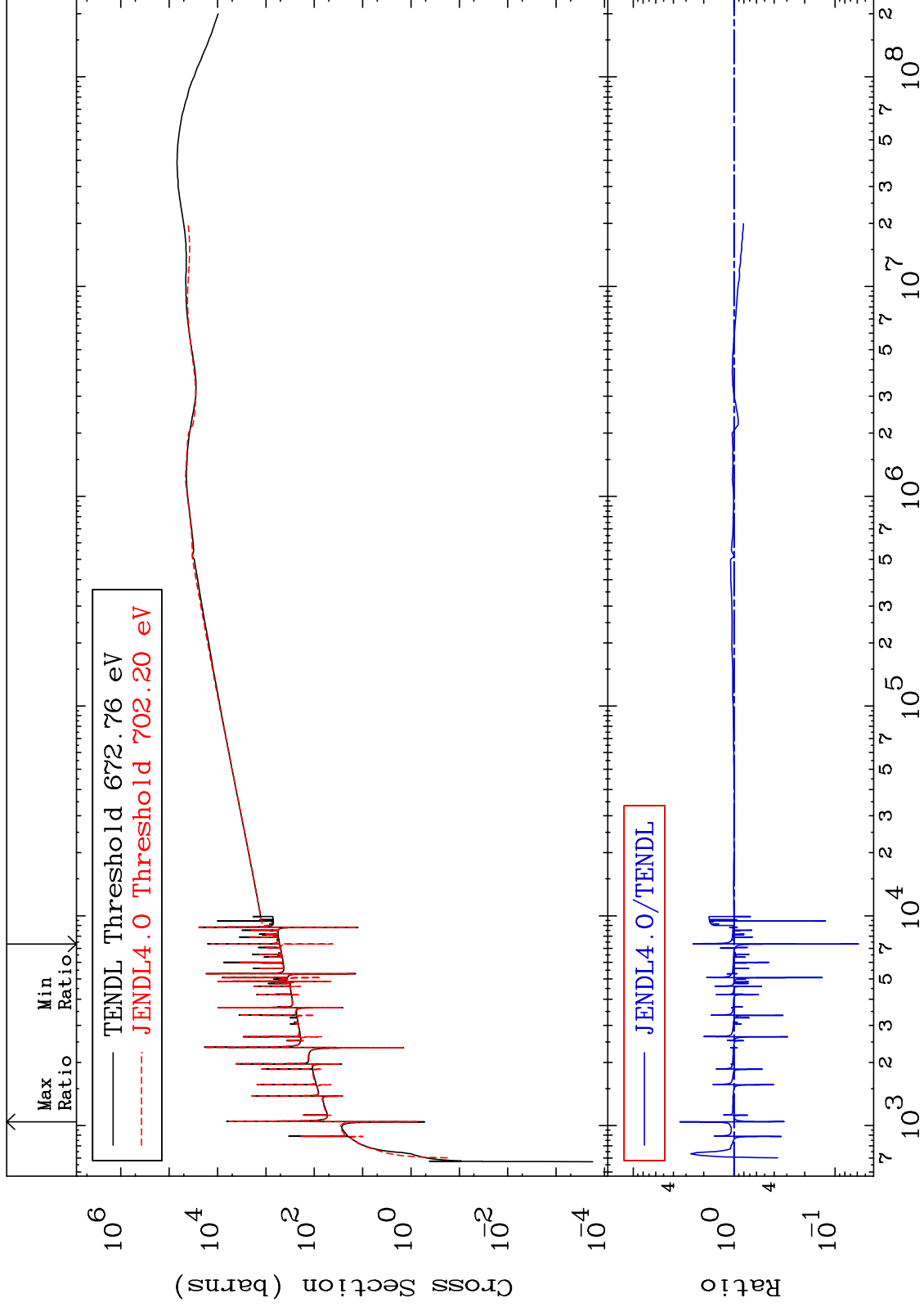
Incident Energy (eV)

48-Cd-116

MAT 4855

Dpa elastic (mt2)
Cross Section

48-Cd-116
-94.14 To 244.0 %

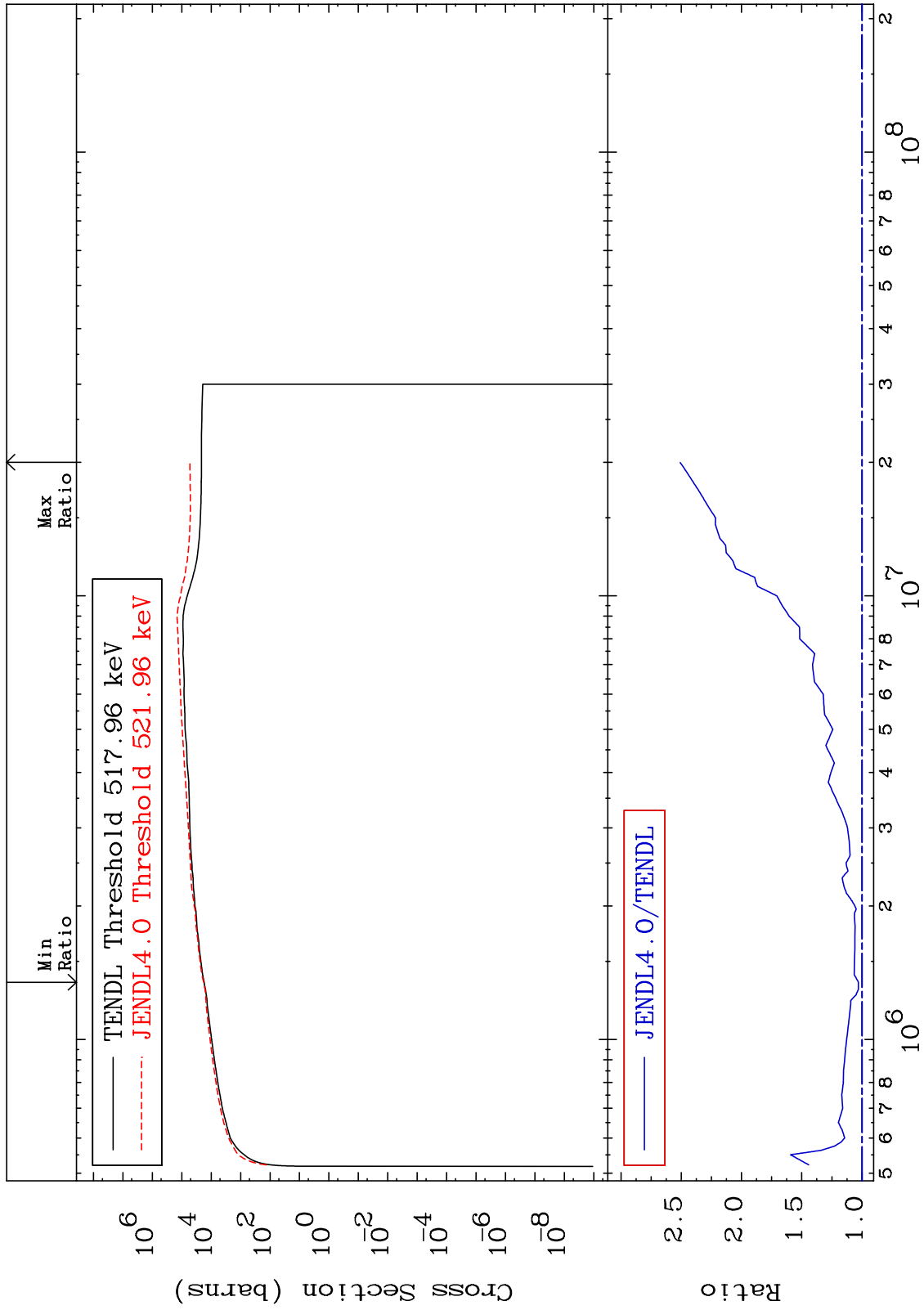


41

48-Cd-116

48-Cd-116

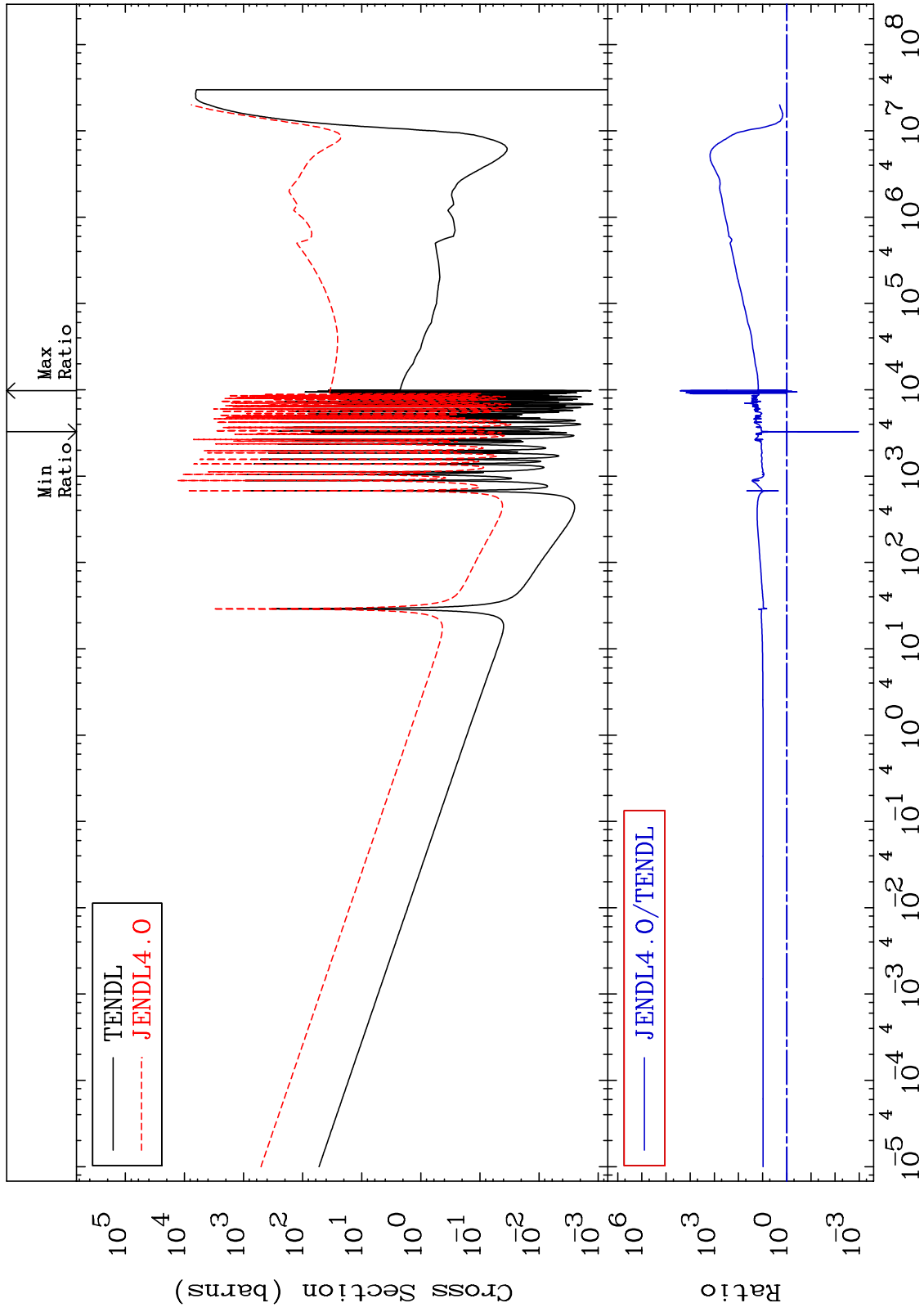
MAT 4855 Dpa inelastic (mt51-91) 48-Cd-116
Cross Section 2.980 To 151.0 %



MAT 4855

Dpa disappearance (mt102 -120)
Cross Section

48-Cd-116
-99.89 To 9999. %



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Incident Energy (eV)

48-Cd-116