

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

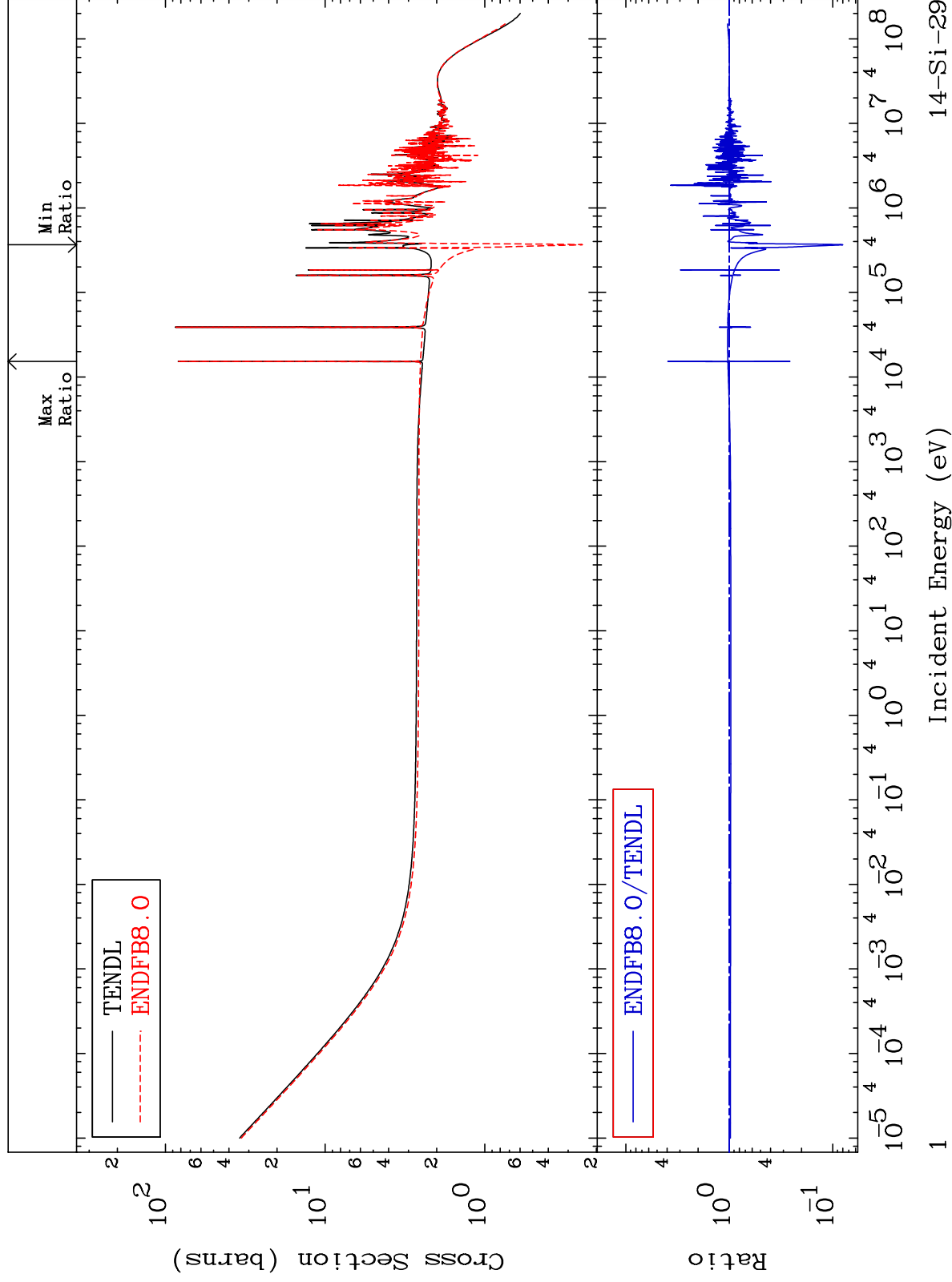
MAT 1428

Total

14-Si-29

Cross Section

-92.02 To 291.2 %



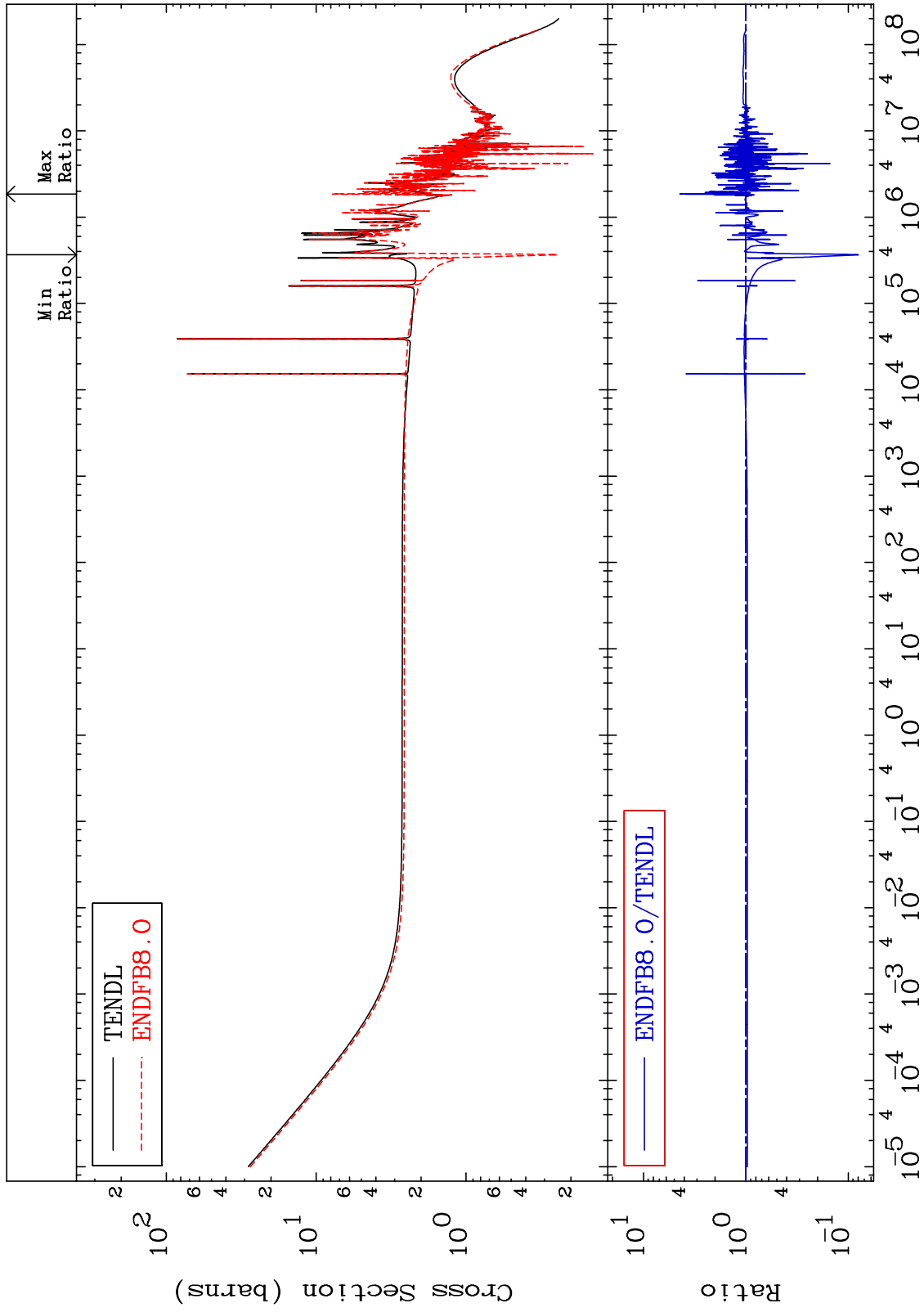
Incident Energy (eV)

14-Si-29

MAT 1428

Elastic
Cross Section

14-Si-29
-92.03 To 339.7 %



Incident Energy (eV)

14-Si-29

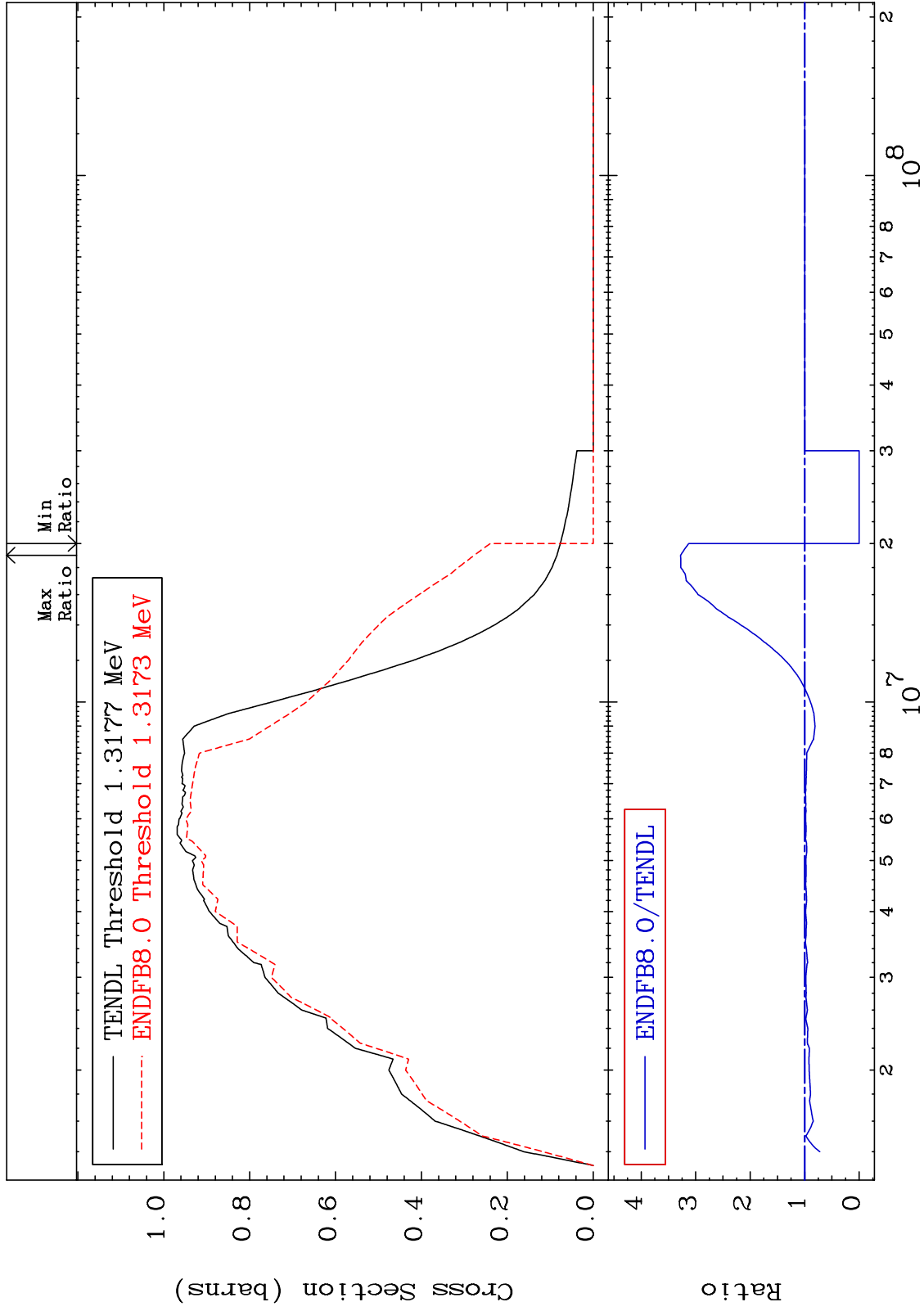
2

MAT 1428

Inelastic
Cross Section

14-Si-29

-100.0 To 227.6 %

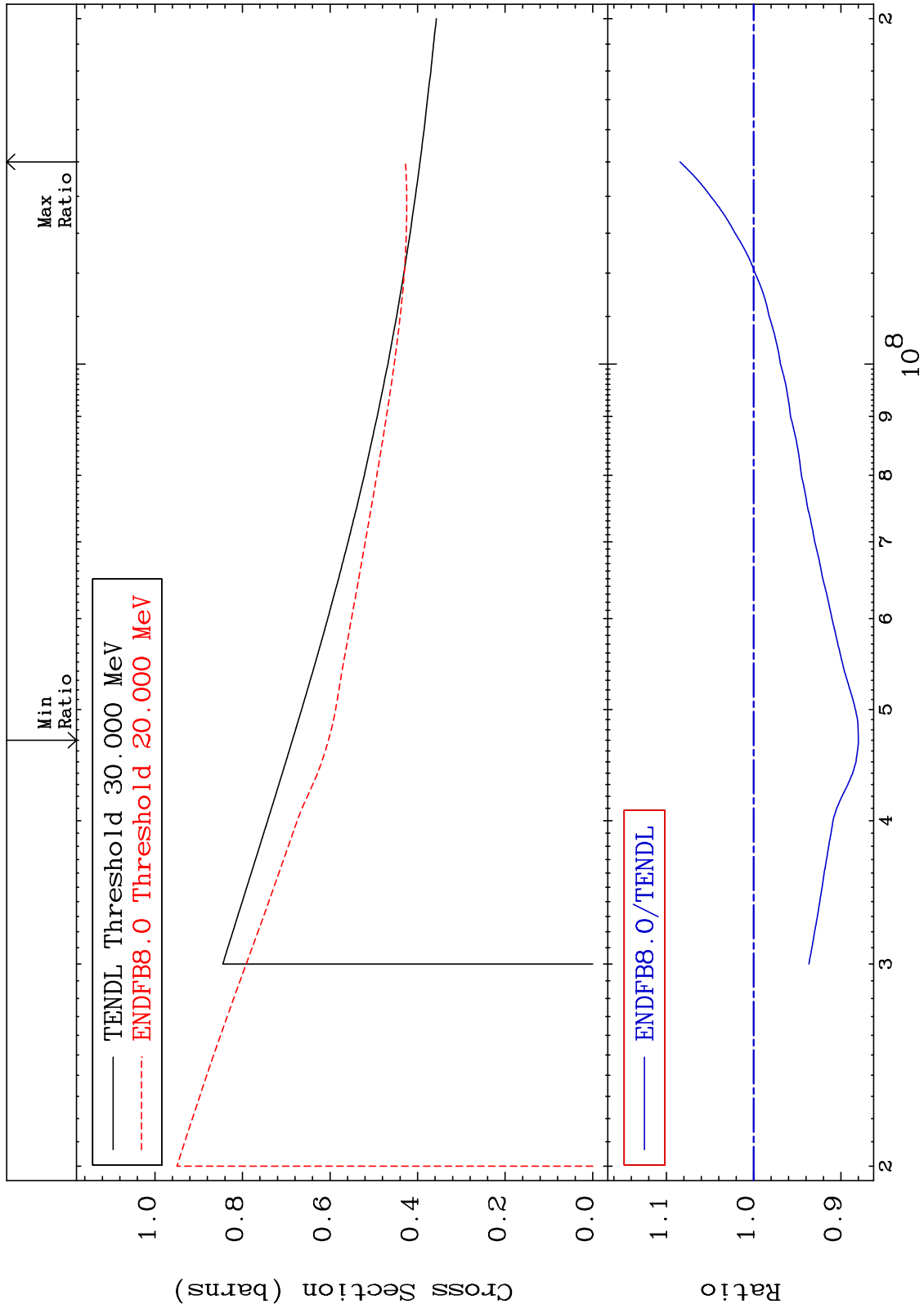


3

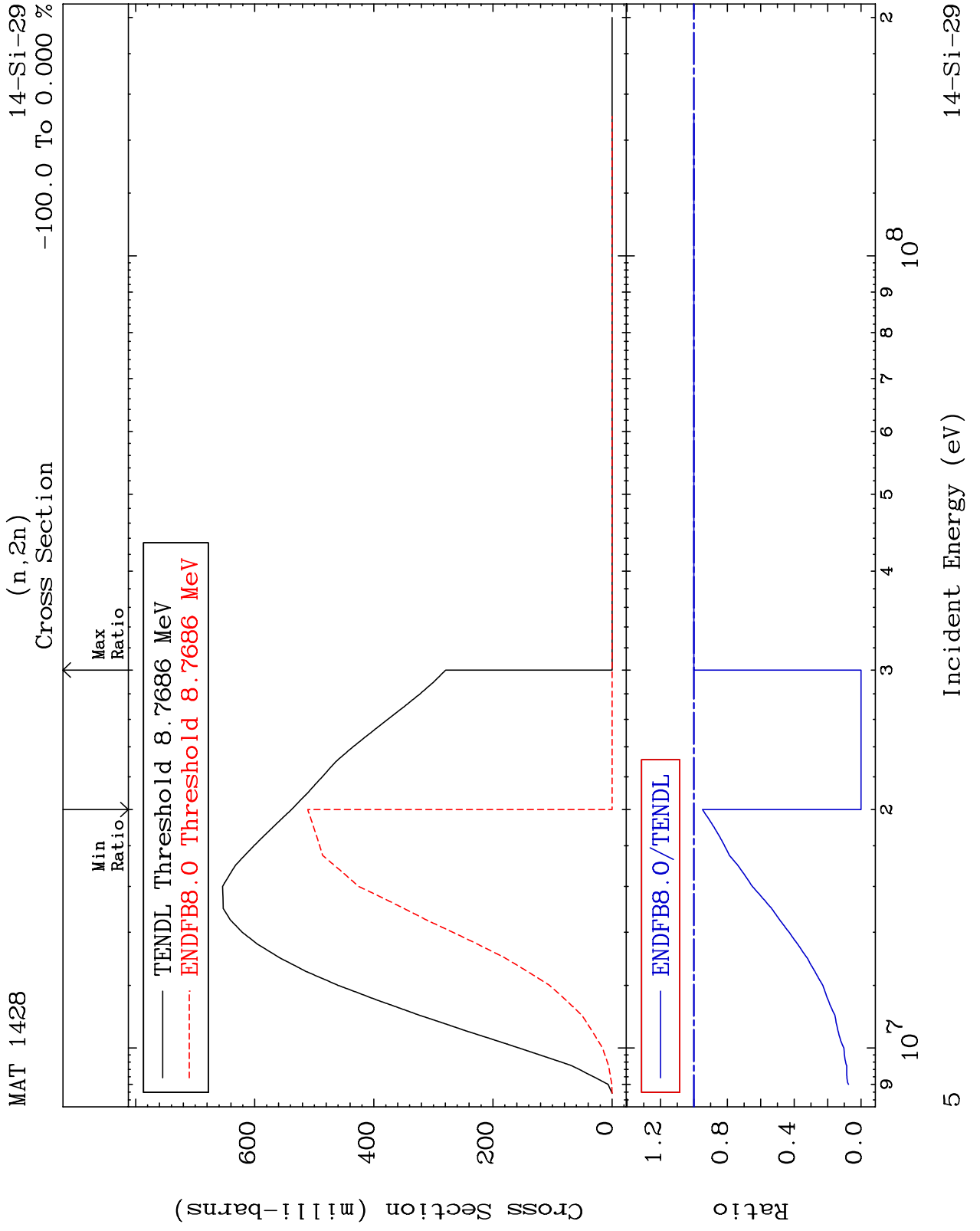
Incident Energy (eV)

14-Si-29

MAT 1428 (n, remainder) Cross Section 14-Si-29 -12.00 To 8.431 %



14-Si-29



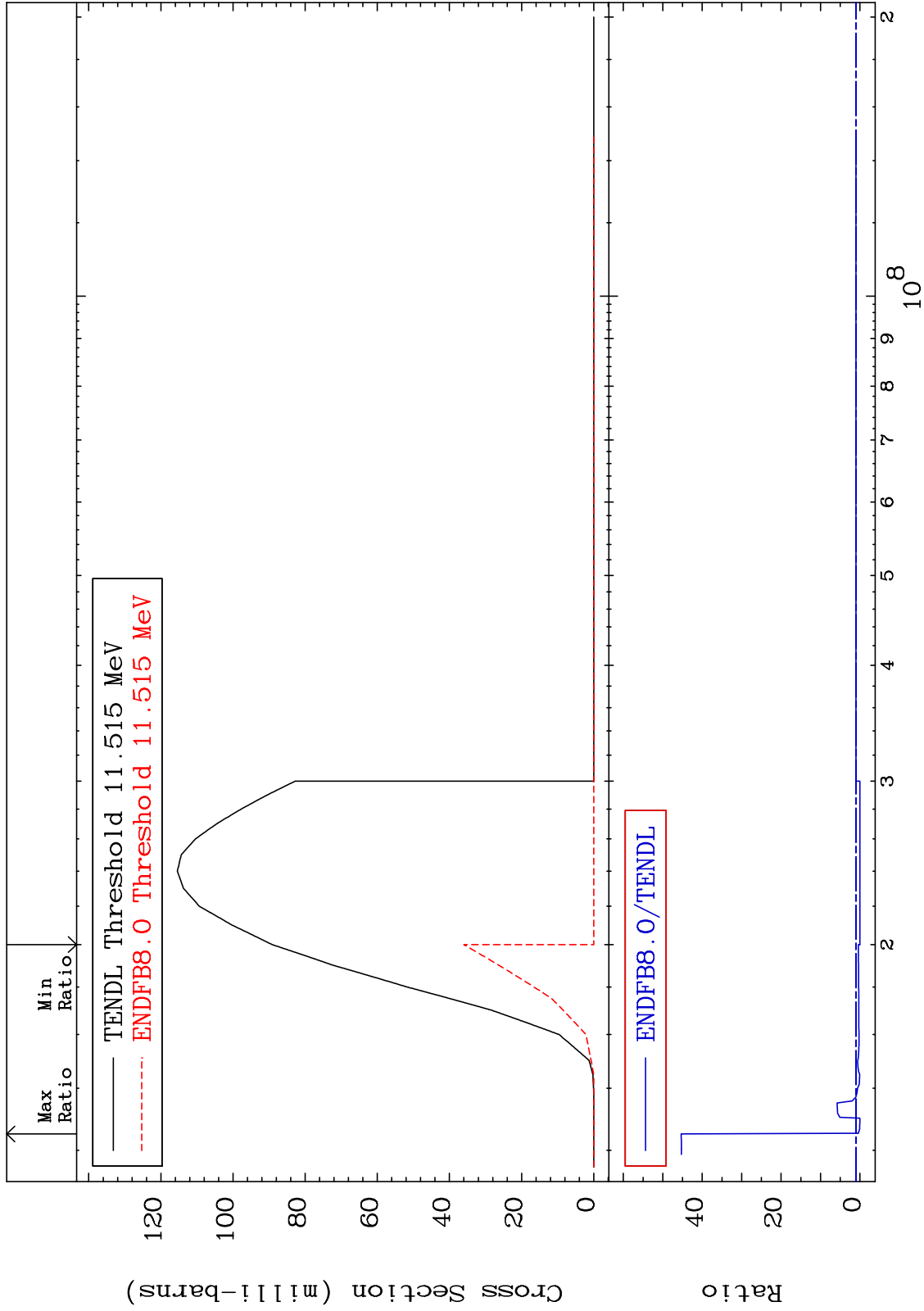
MAT 1428

(n,n') α

14-Si-29

Cross Section

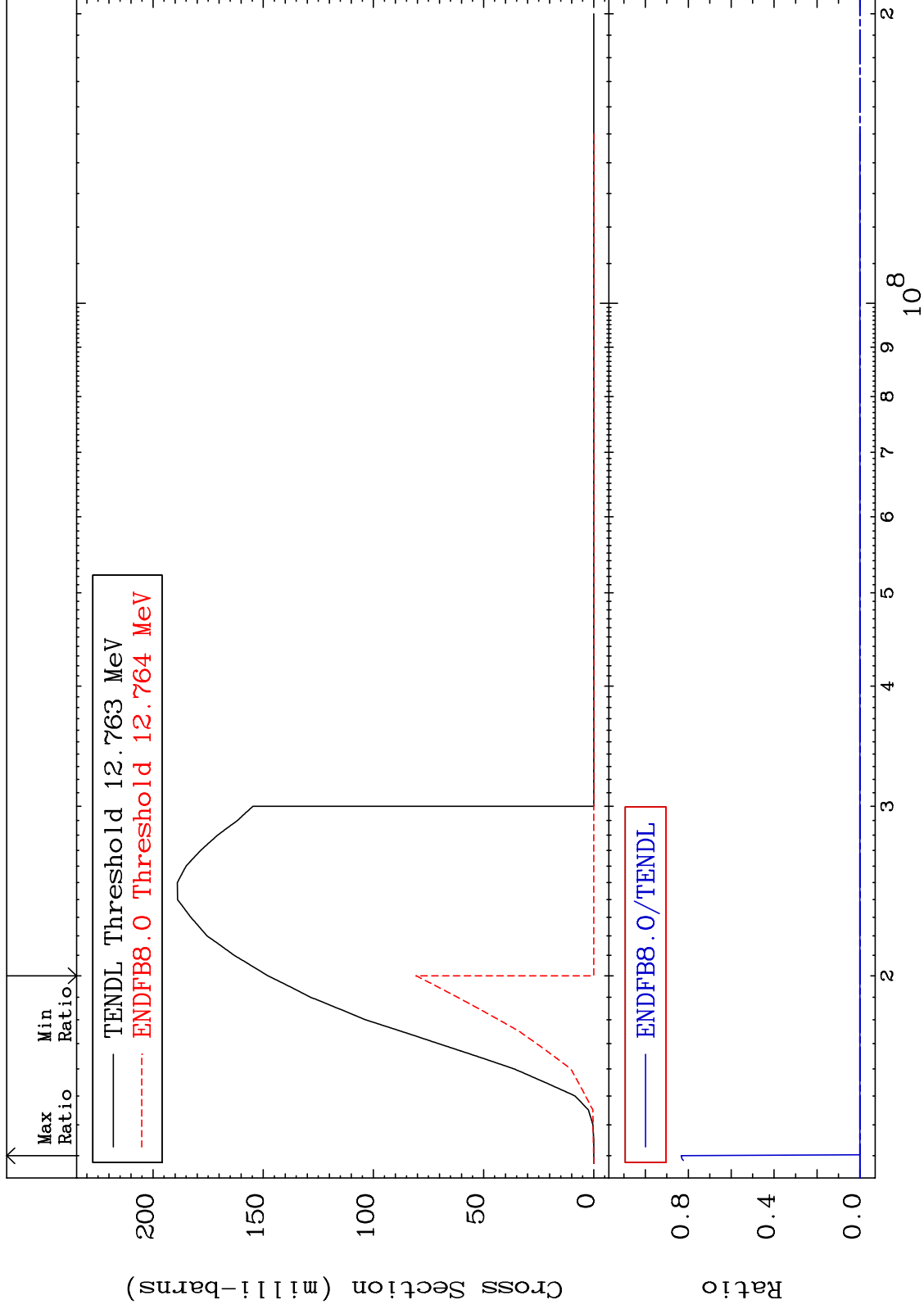
-100.0 To 4432. %



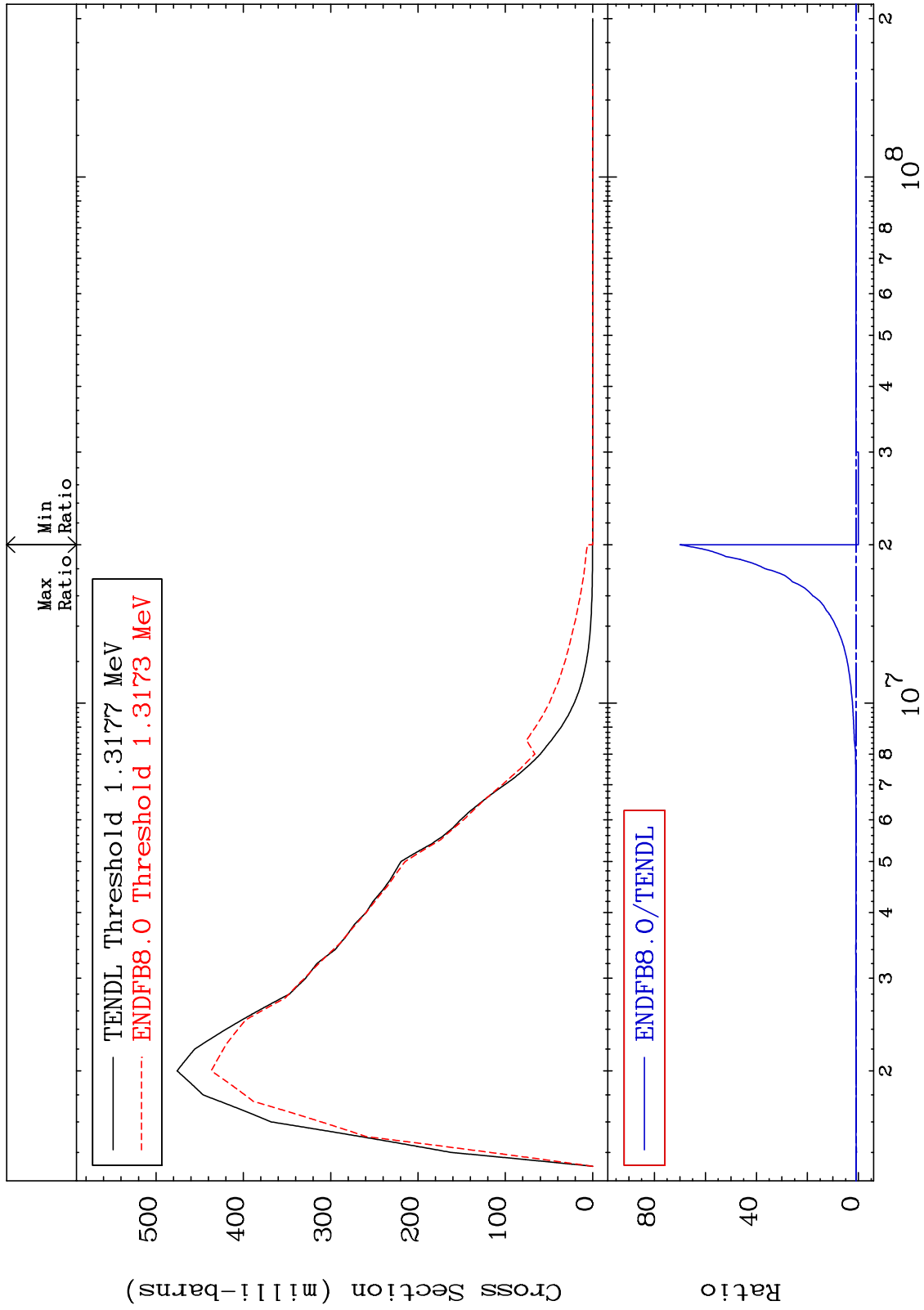
MAT 1428

(n,n') p
Cross Section

14-Si-29
-100.0 To 9999. %

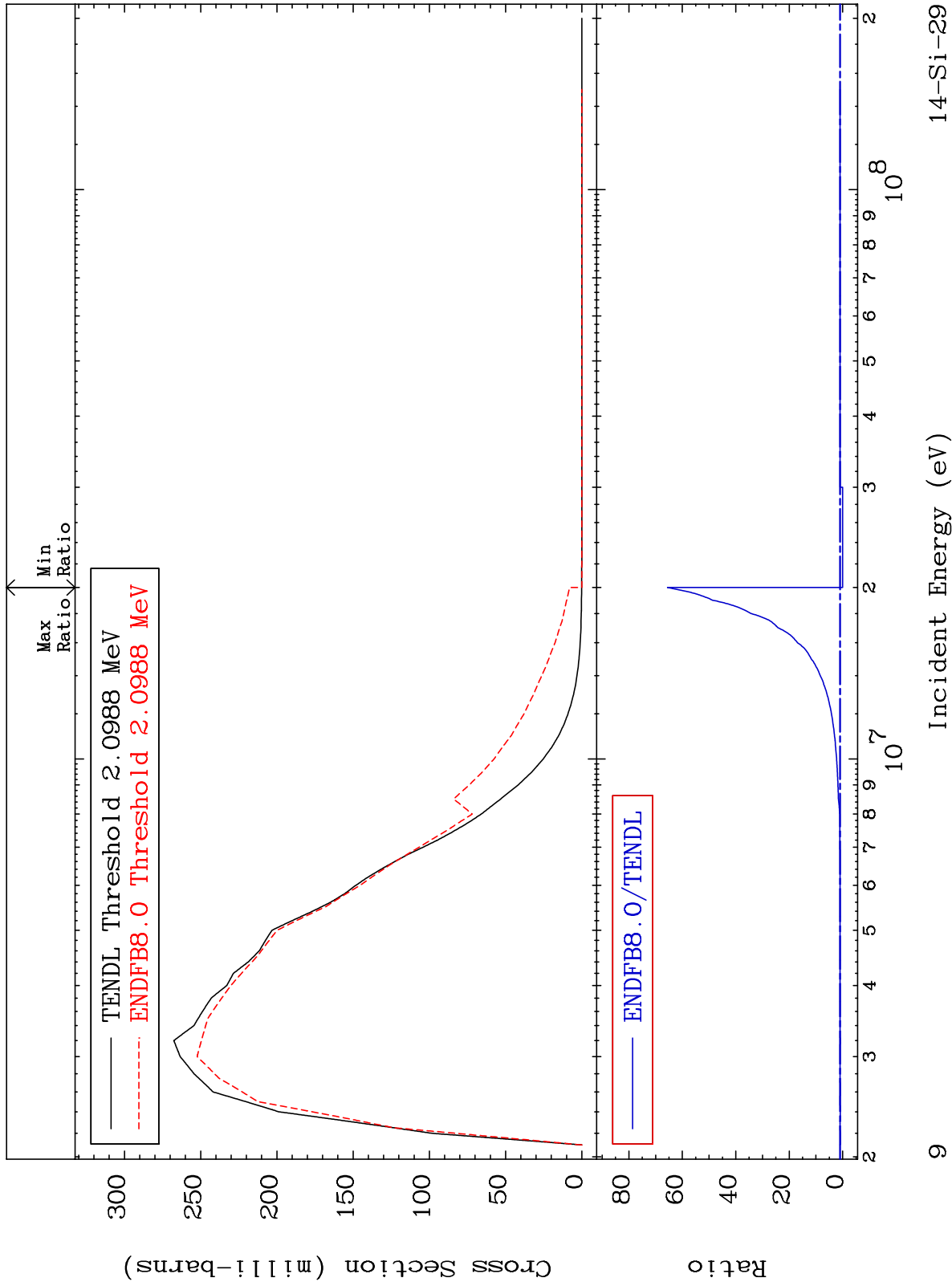


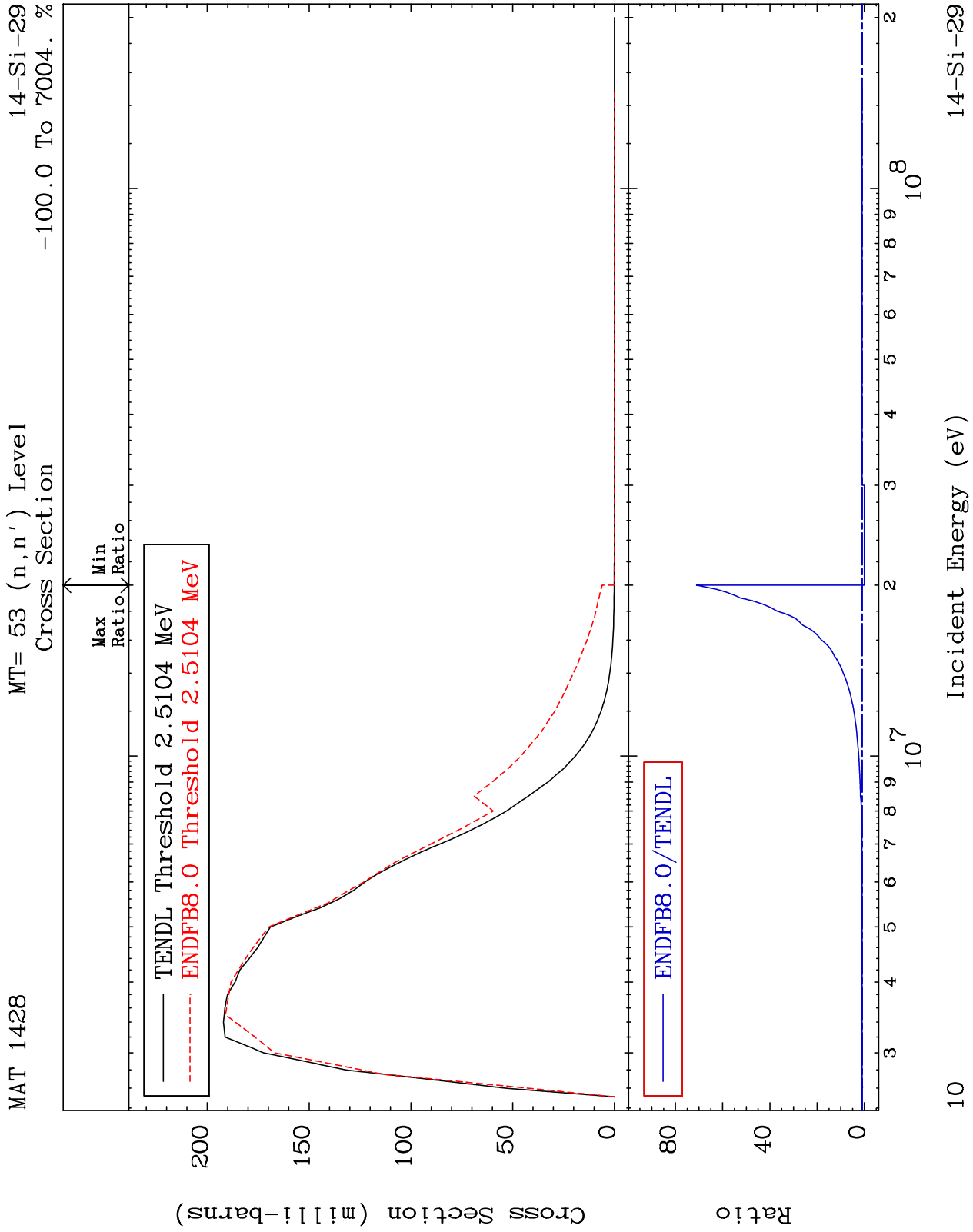
MAT 1428 MT= 51 (n,n') Level Cross Section 14-Si-29 -100.0 To 6895. %



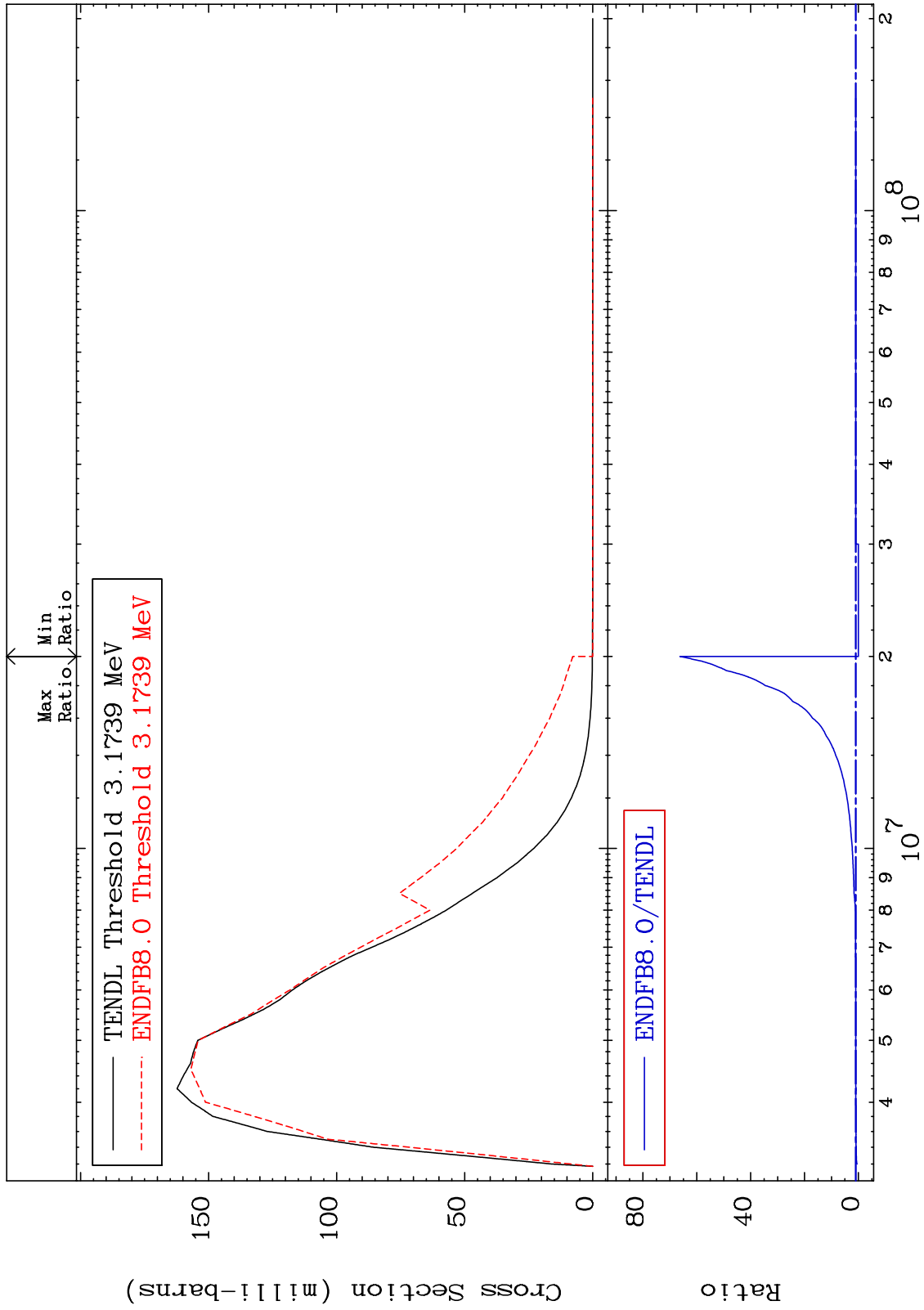
8 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 52 (n,n') Level Cross Section -100.0 To 6453. % 14-Si-29

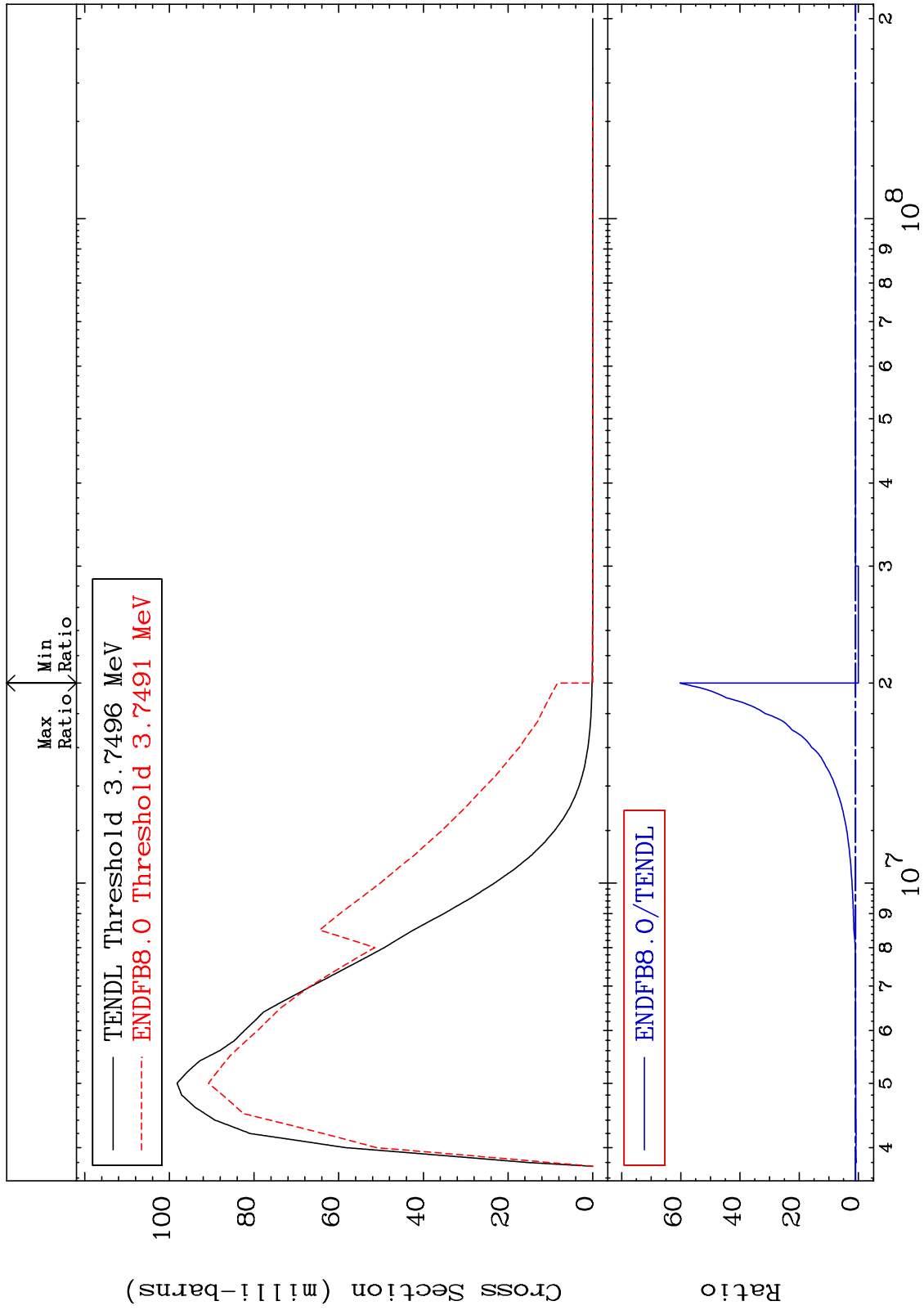




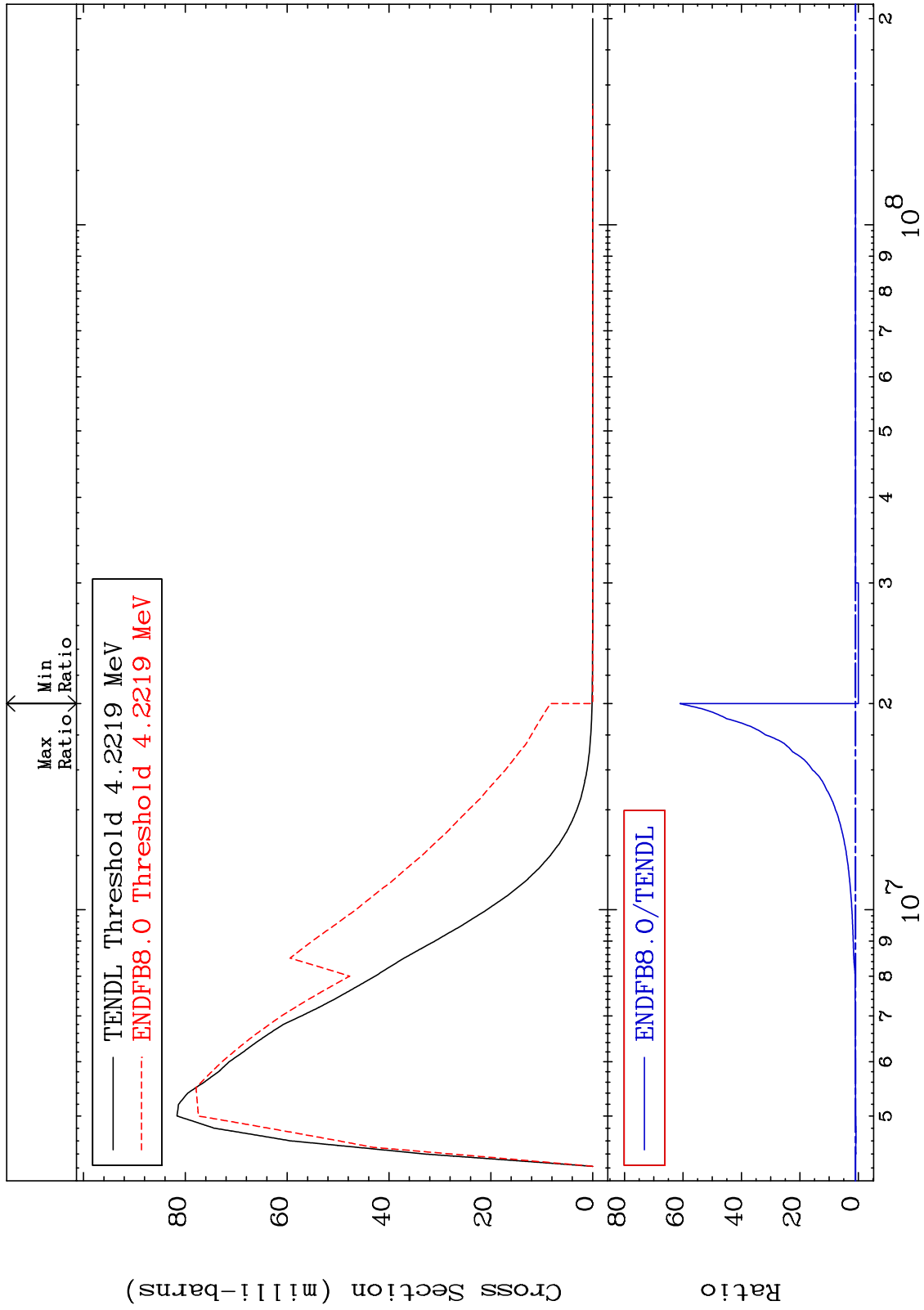
MAT 1428 MT= 54 (n,n') Level Cross Section -100.0 To 6524. % 14-Si-29



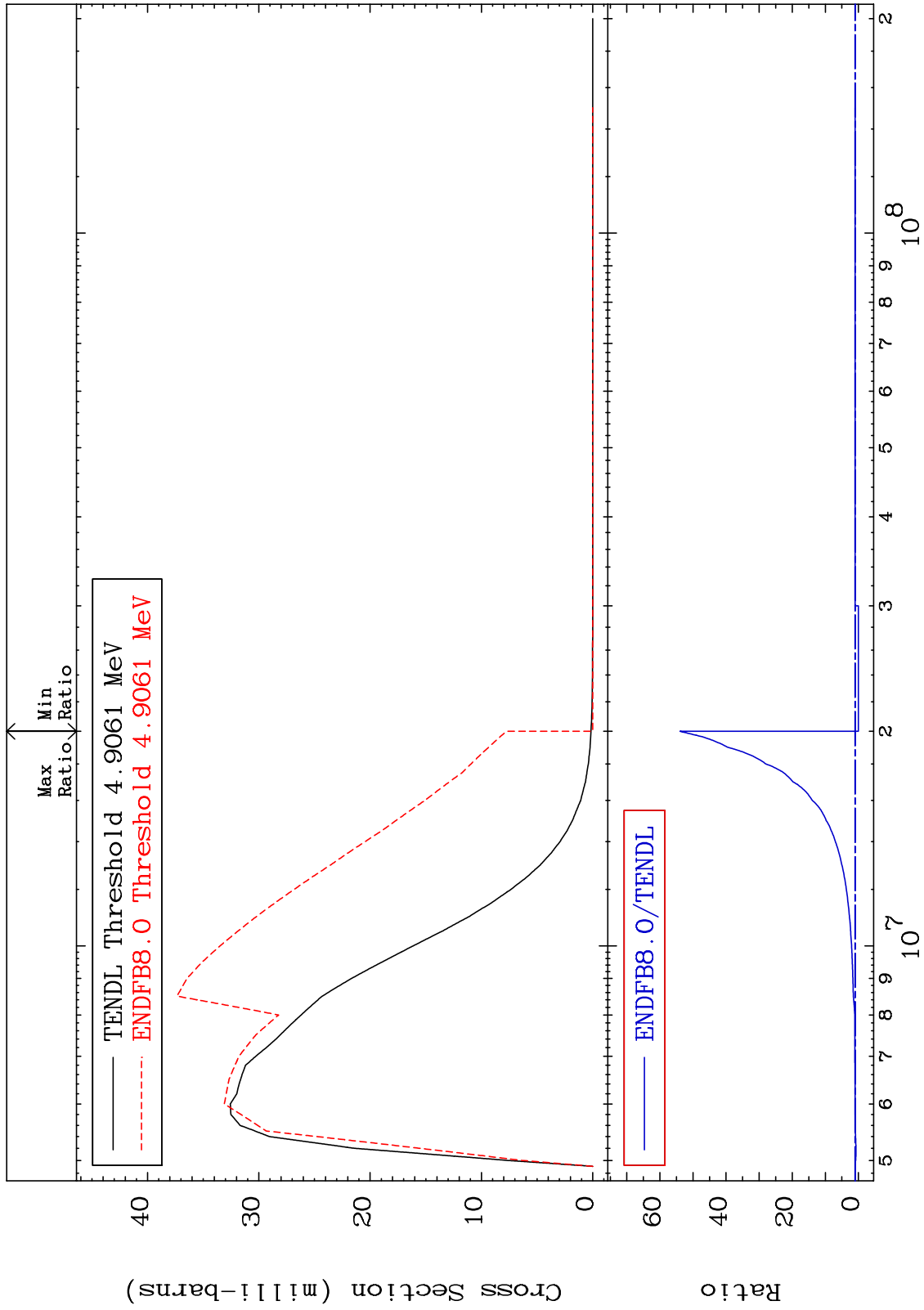
MAT 1428 MT= 55 (n,n') Level Cross Section -100.0 To 5927. % 14-Si-29



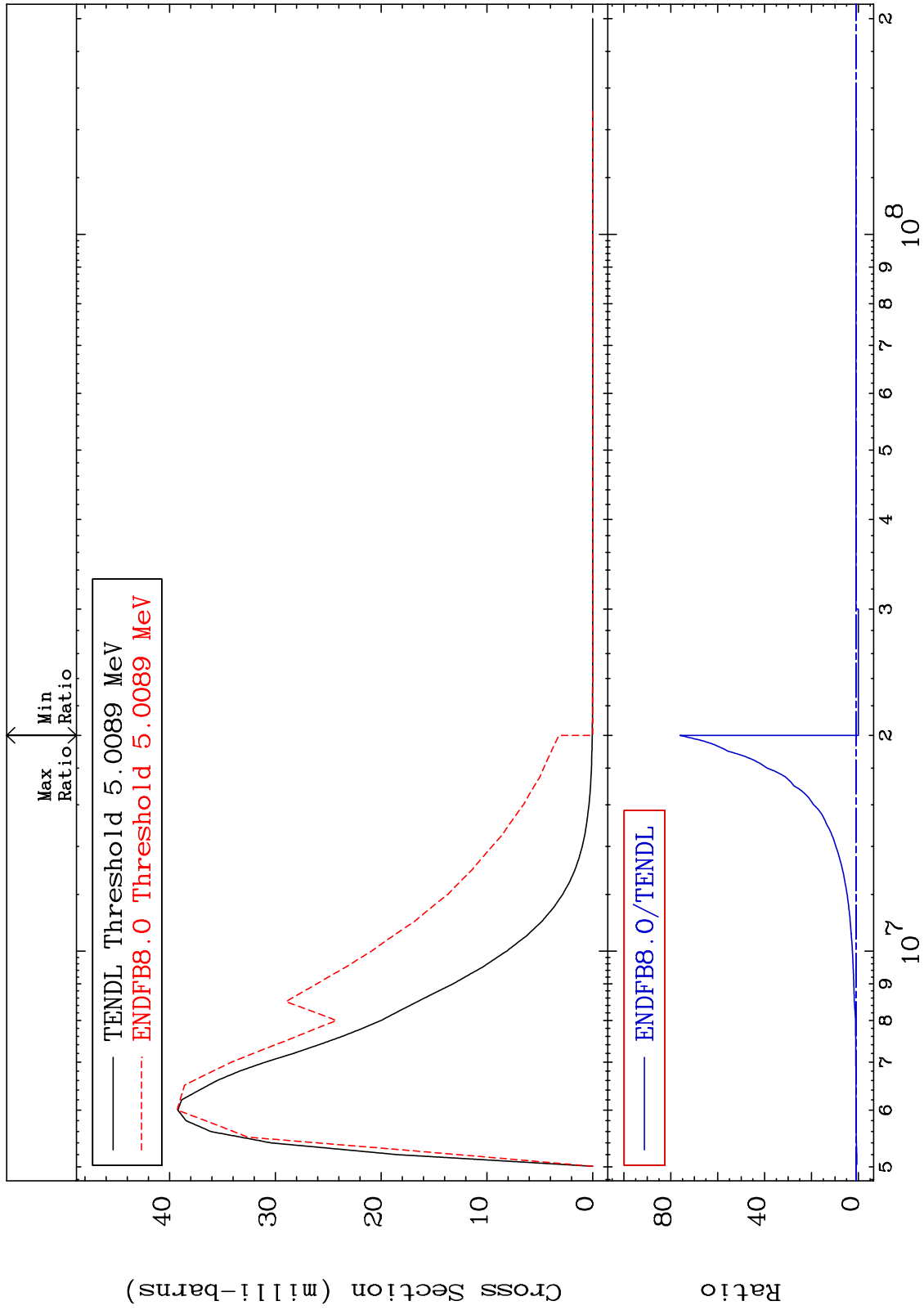
MAT 1428 MT= 56 (n,n') Level Cross Section 14-Si-29
 -100.0 To 6001. %



MAT 1428 MT= 57 (n,n') Level Cross Section 14-Si-29
 -100.0 To 5292. %

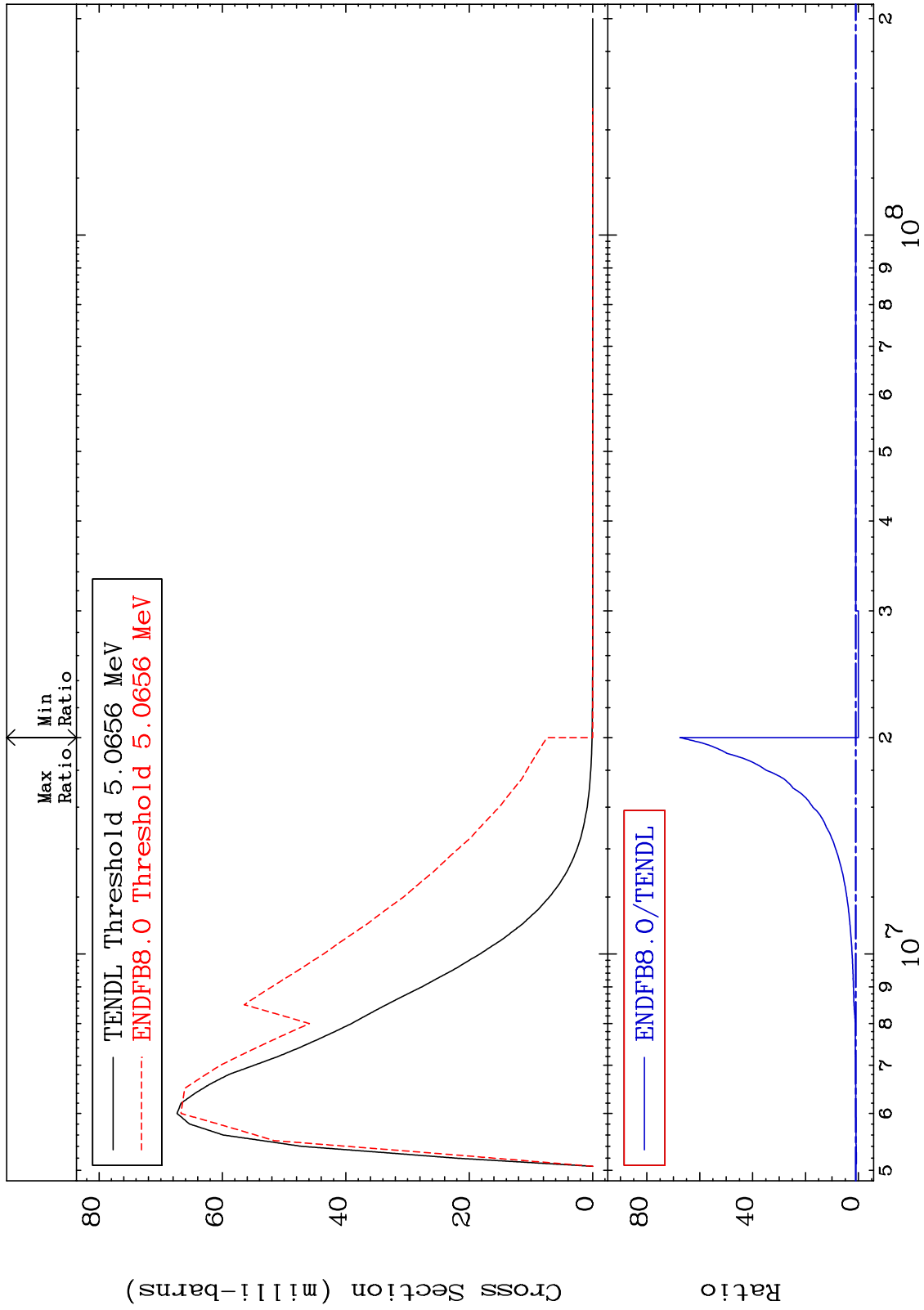


MAT 1428 MT= 58 (n,n') Level Cross Section -100.0 To 7506. % 14-Si-29

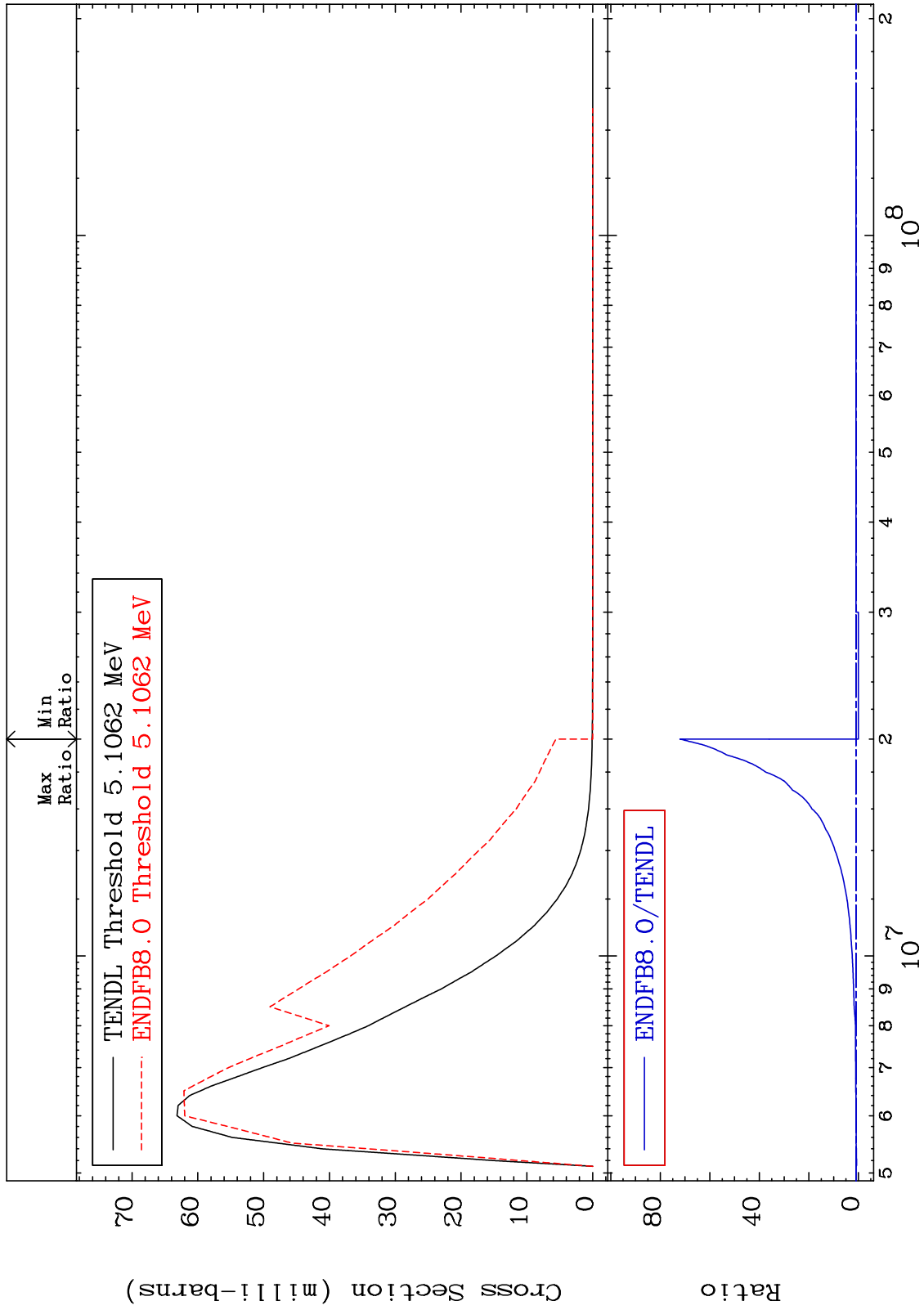


15 14-Si-29

MAT 1428 MT= 59 (n,n') Level Cross Section 14-Si-29
-100.0 To 6647. %



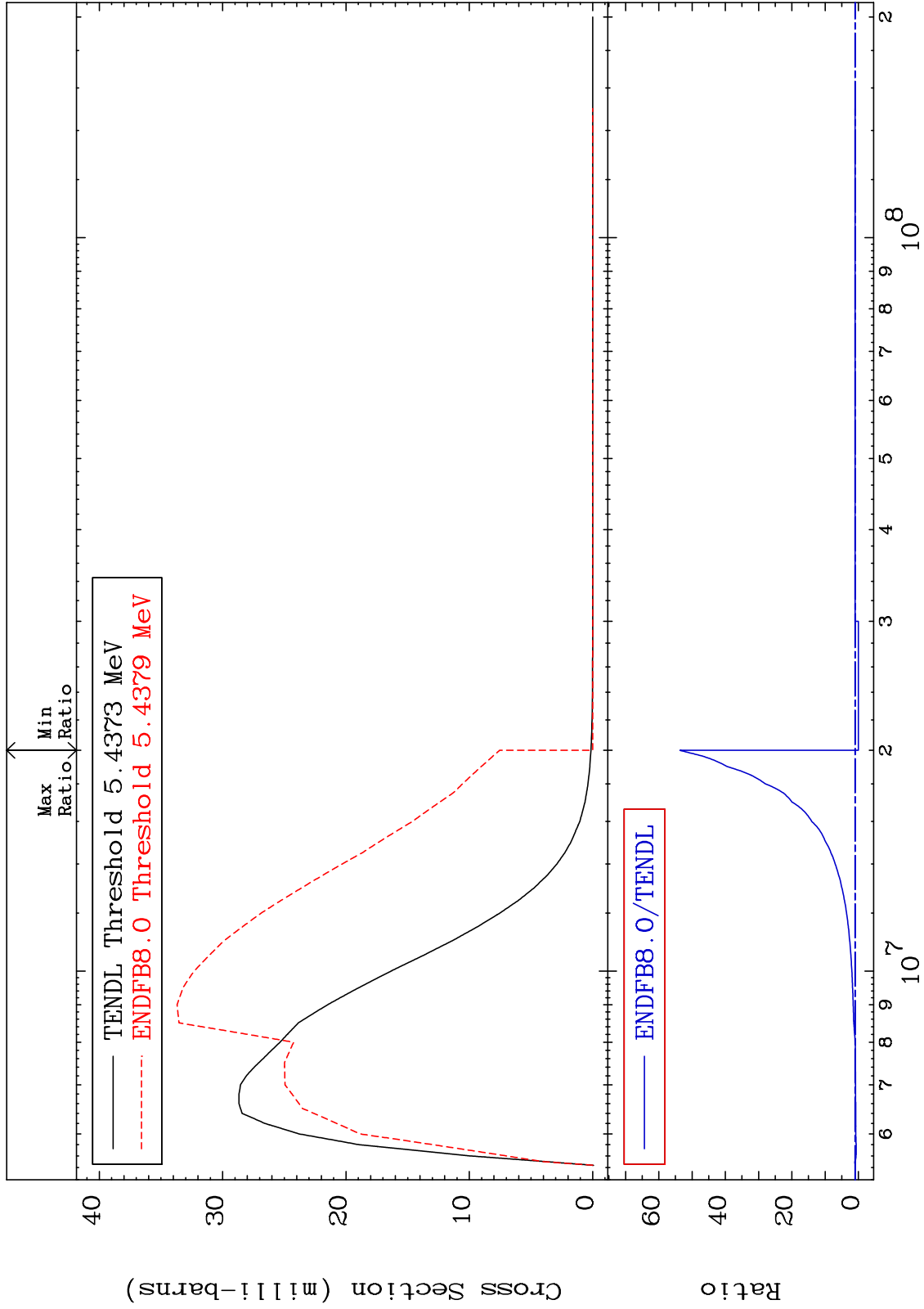
MAT 1428 MT= 60 (n,n') Level Cross Section -100.0 To 7103. % 14-Si-29



MAT 1428

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

14-Si-29
-100.0 To 5263. %



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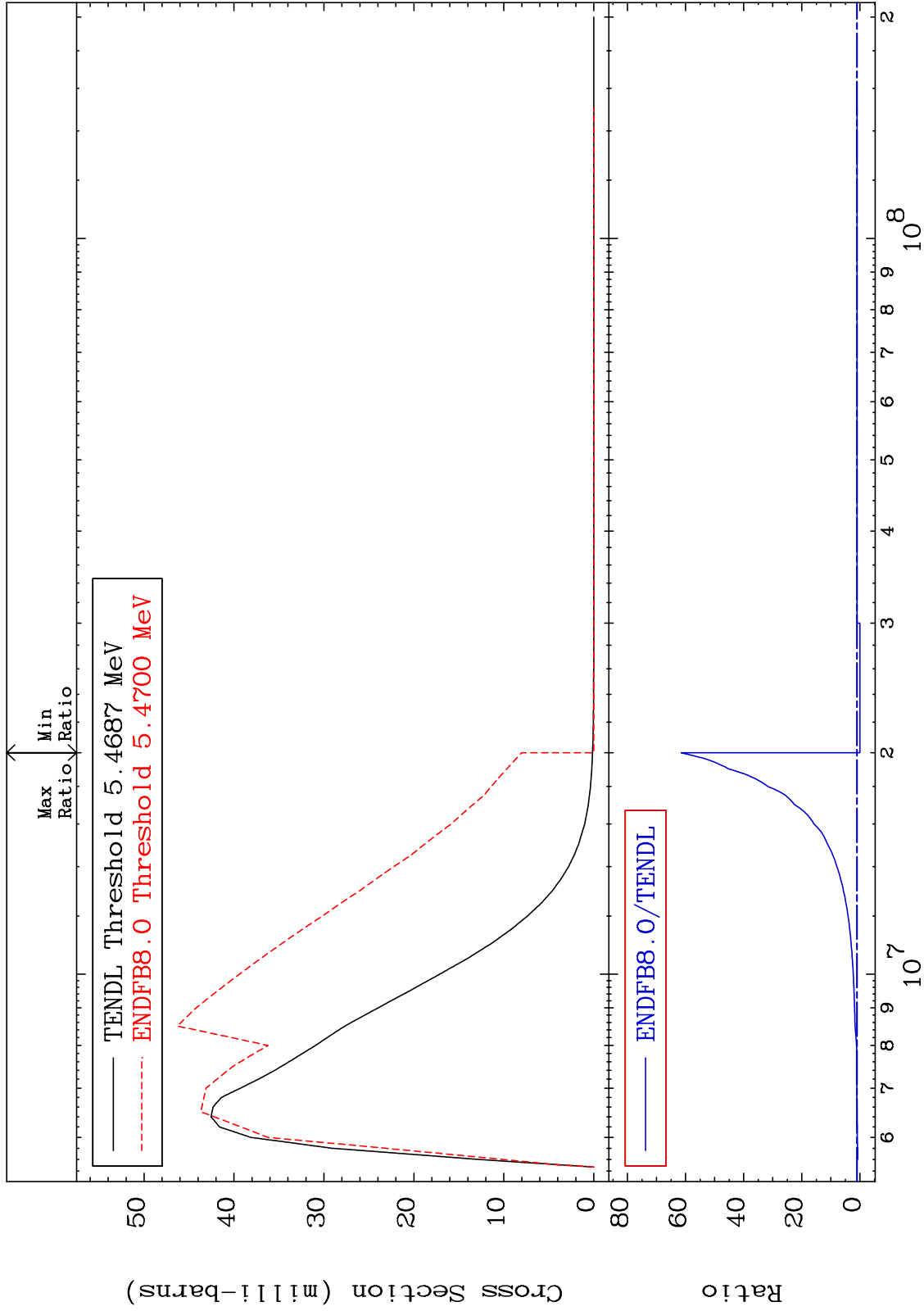
Incident Energy (eV)

14-Si-29

MAT 1428

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

14-Si-29
-100.0 To 6050. %

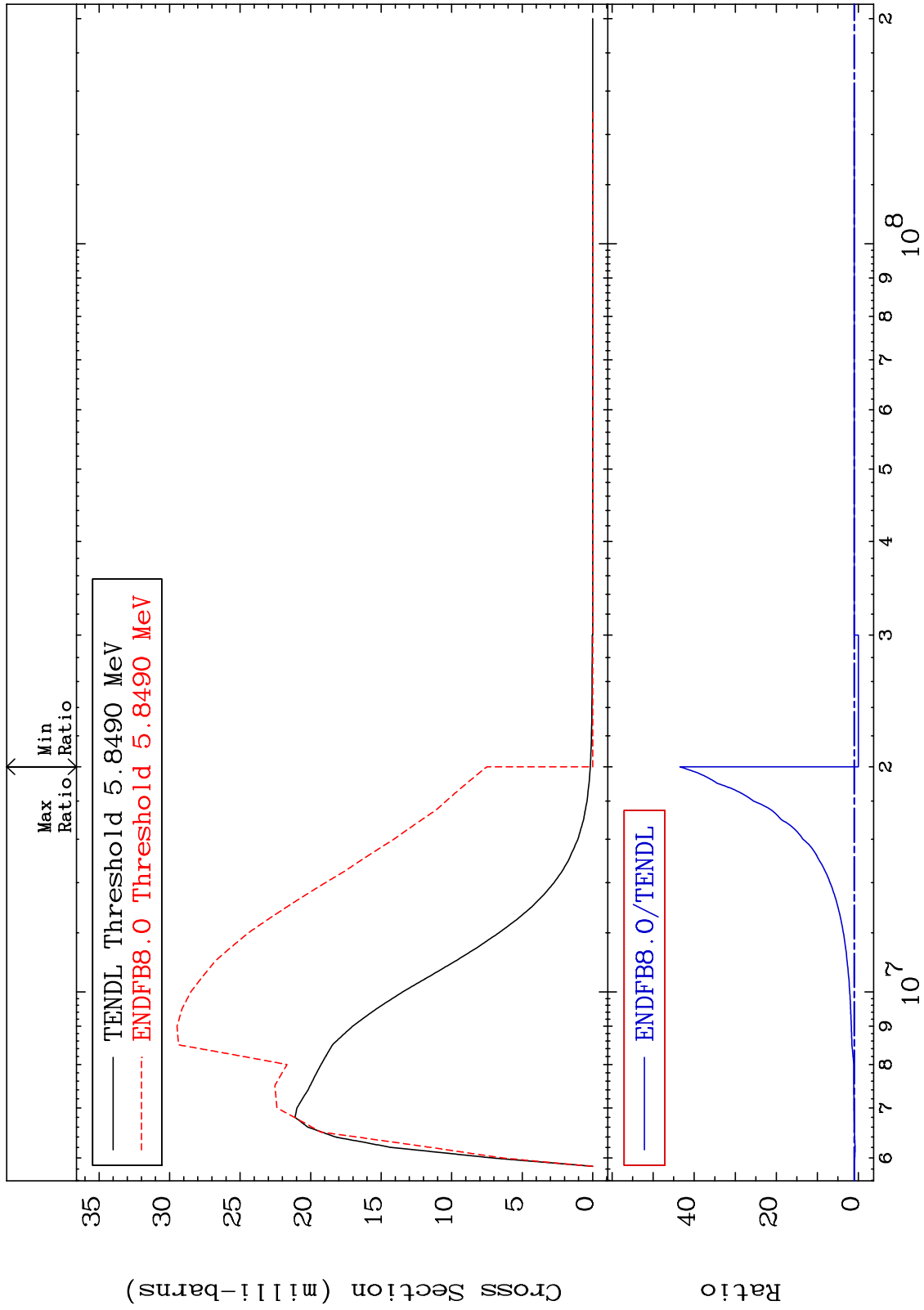


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Incident Energy (eV)

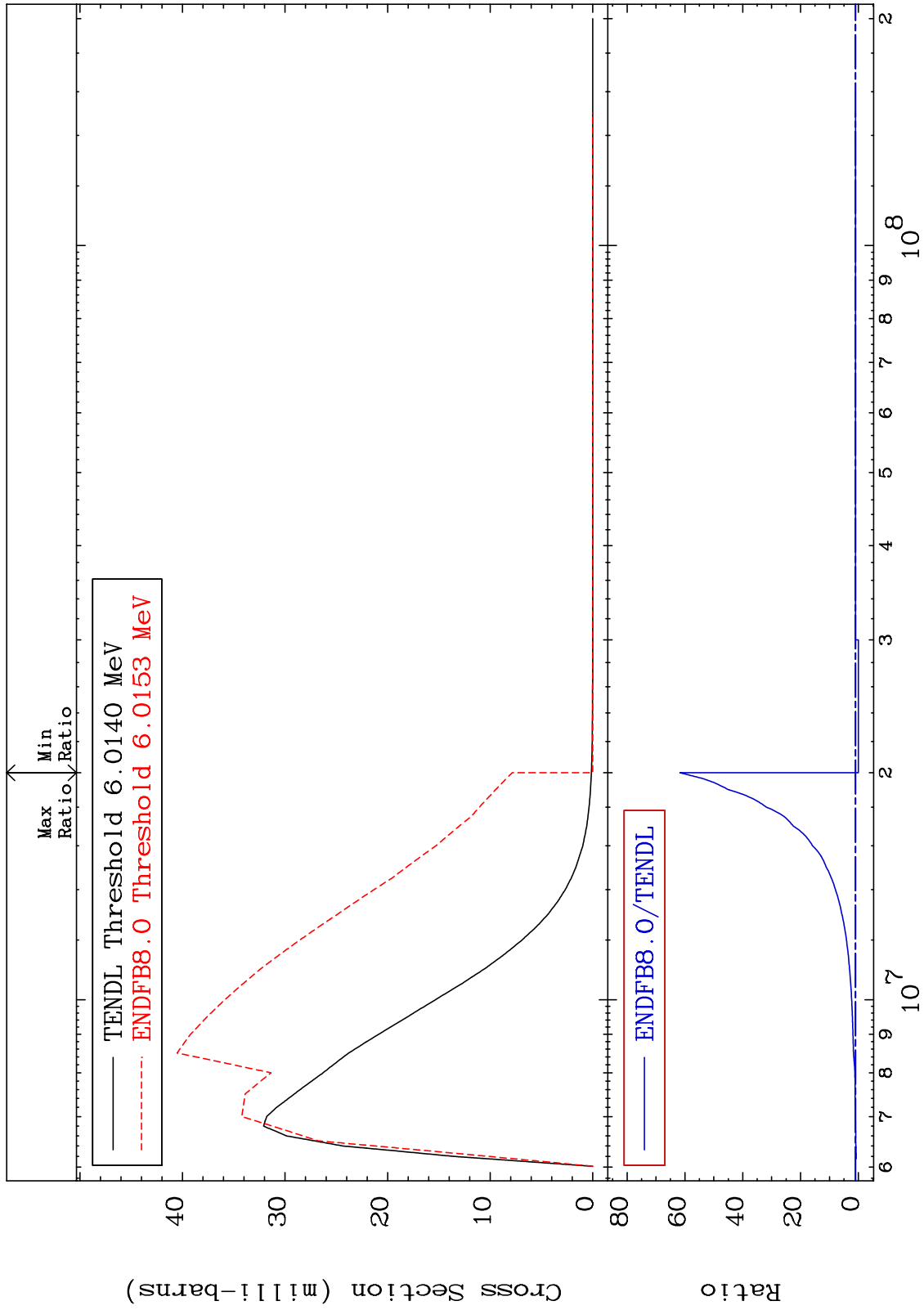
14-Si-29

MAT 1428 MT= 63 (n,n') Level Cross Section 14-Si-29
 -100.0 To 4246. %

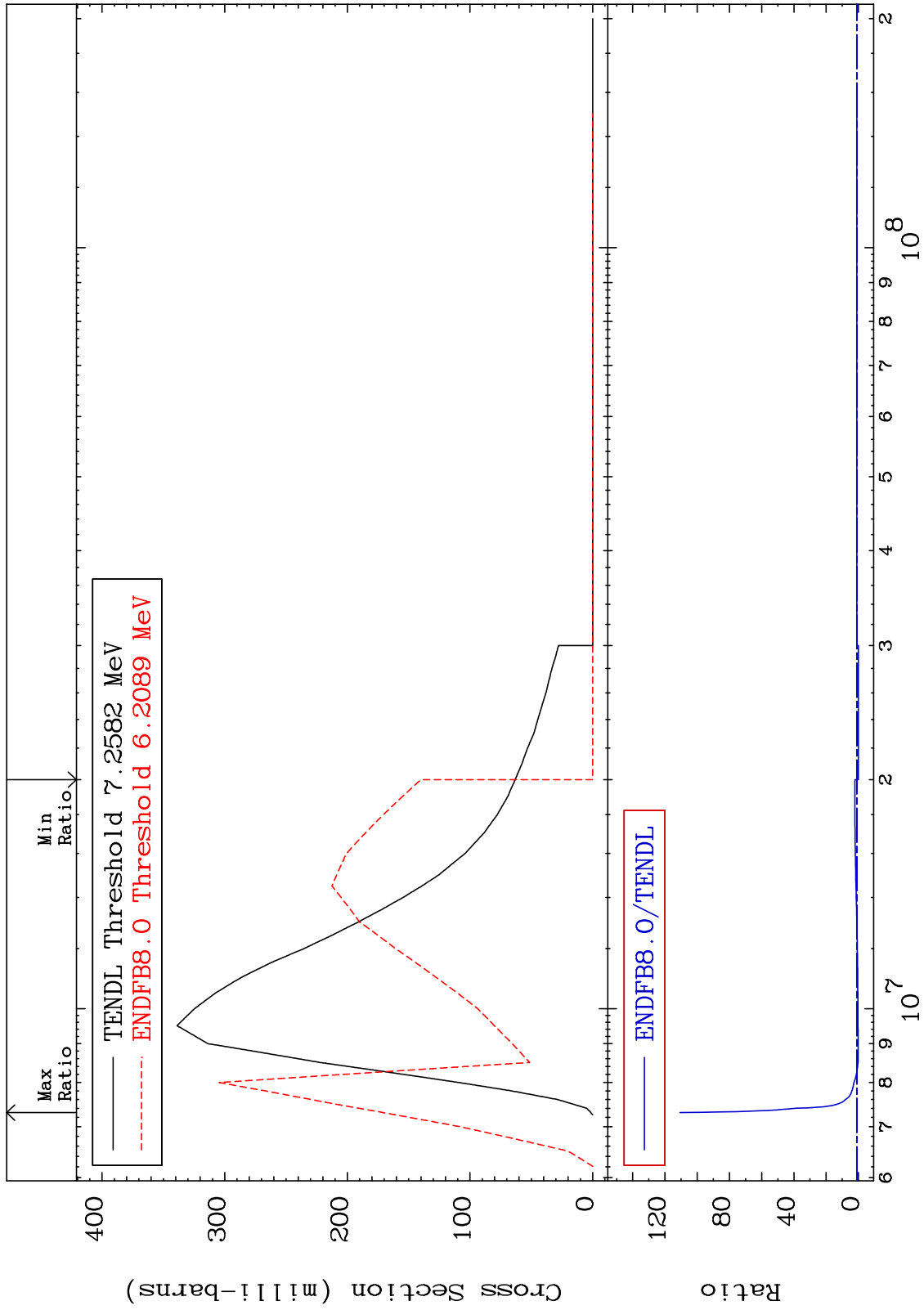


20 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 64 (n,n') Level Cross Section -100.0 To 6069. % 14-Si-29



MAT 1428 (n,n') Continuum Cross Section 14-Si-29 -100.0 To 9999. %



22 14-Si-29 Incident Energy (eV)

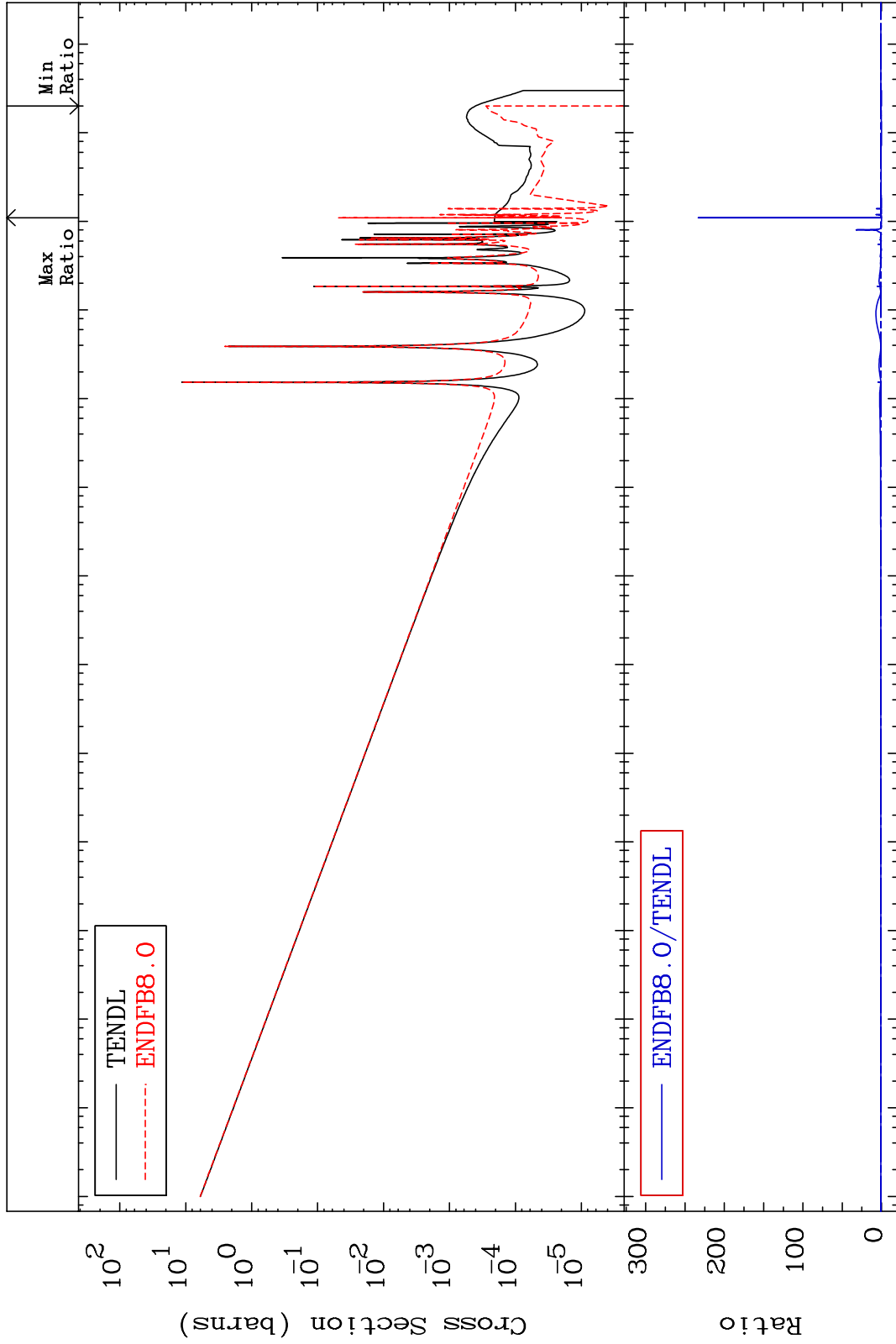
MAT 1428

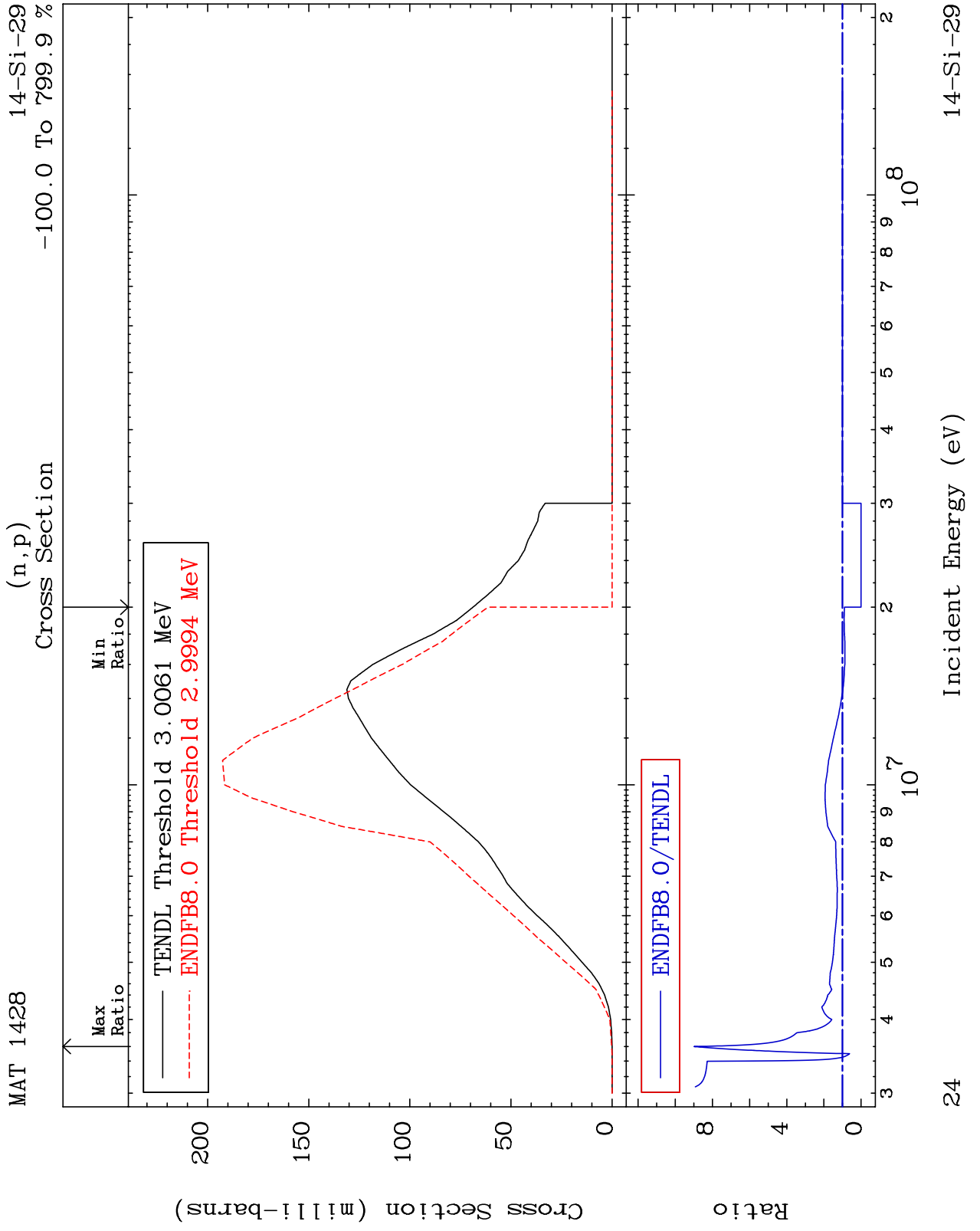
(n, γ)

14-Si-29

Cross Section

-100.0 To 9999. %





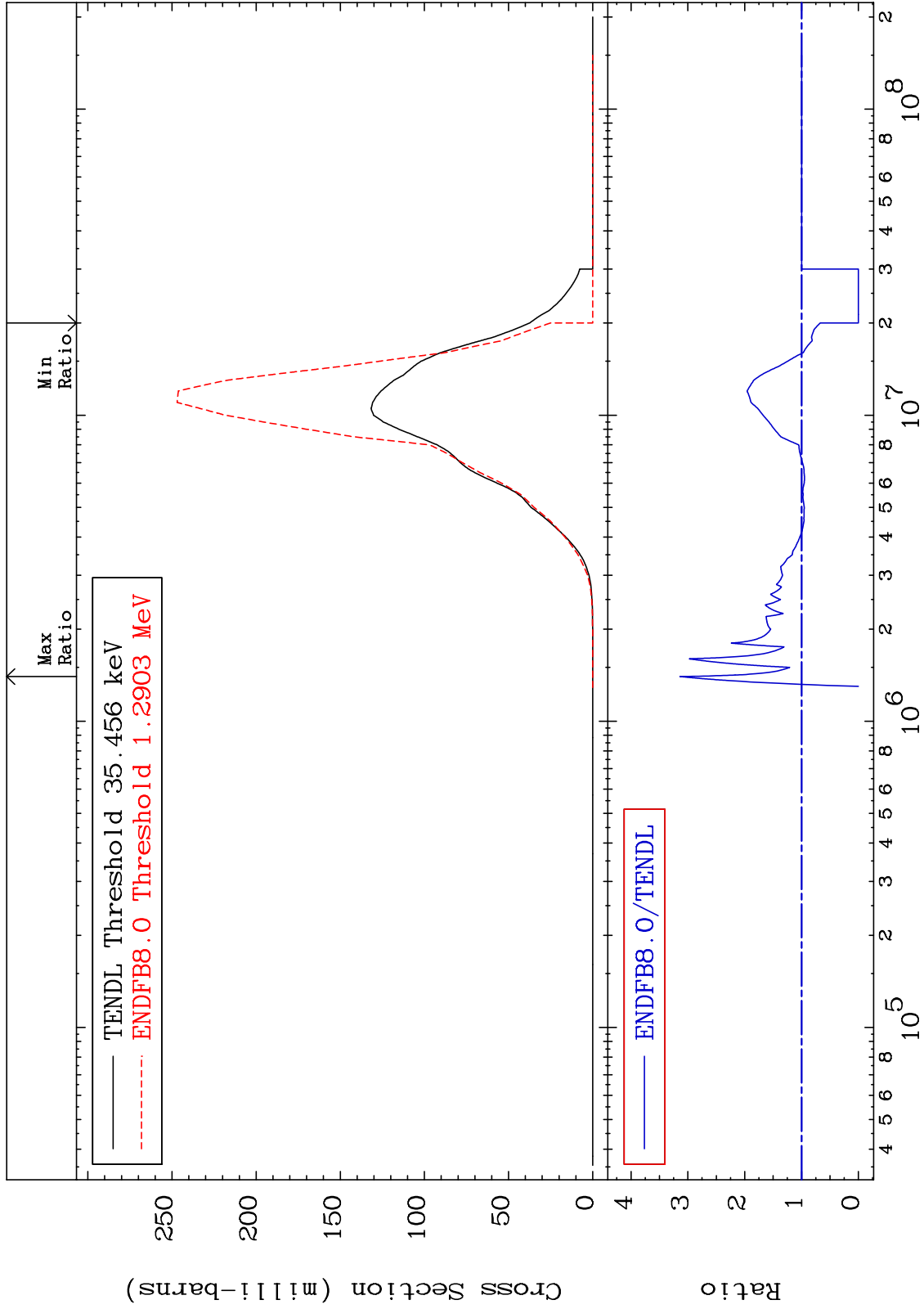
MAT 1428

(n, α)

14-Si-29

Cross Section

-100.0 To 213.8 %



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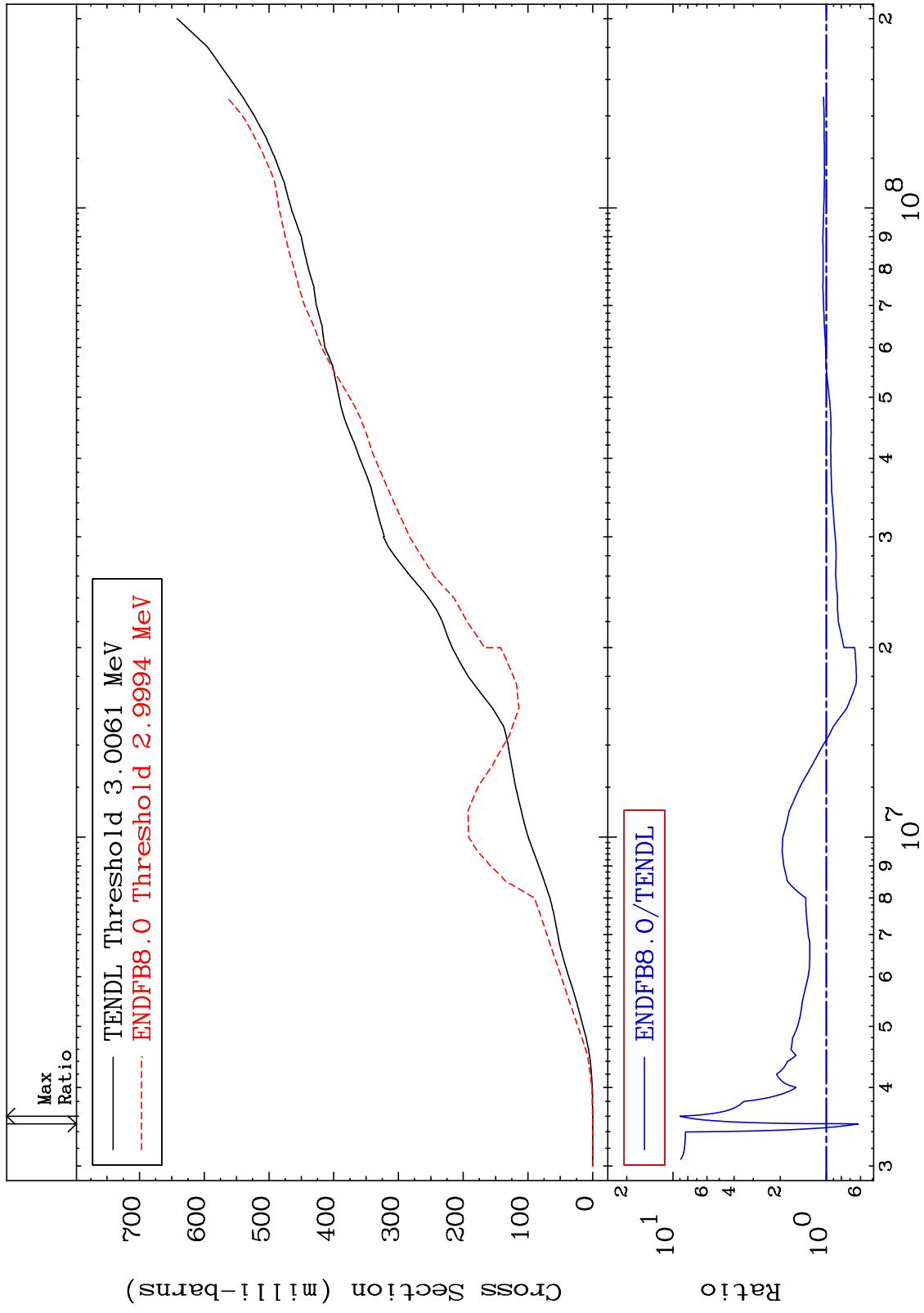
Incident Energy (eV)

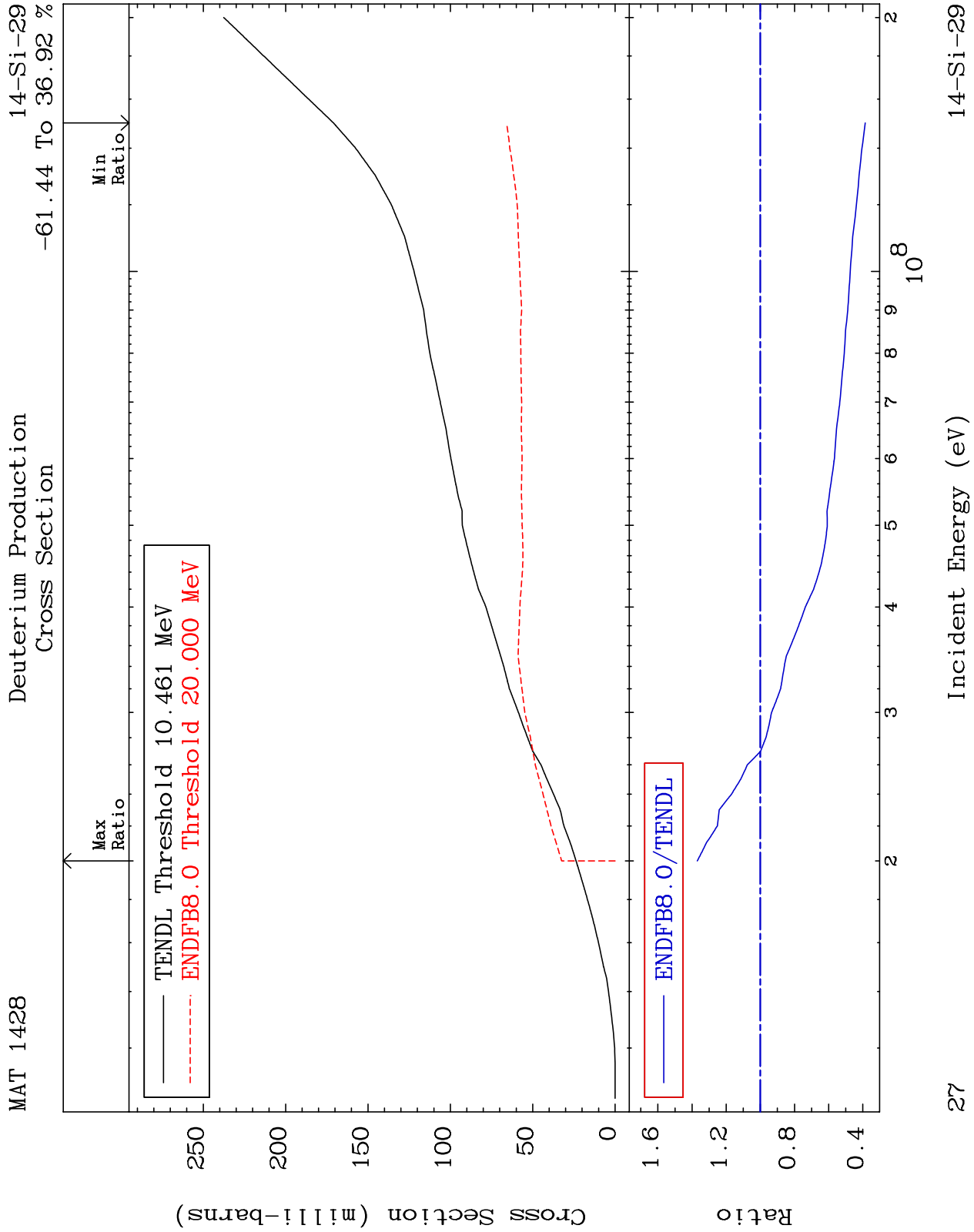
14-Si-29

MAT 1428

Hydrogen Production
Cross Section

14-Si-29
-38.15 To 799.9 %

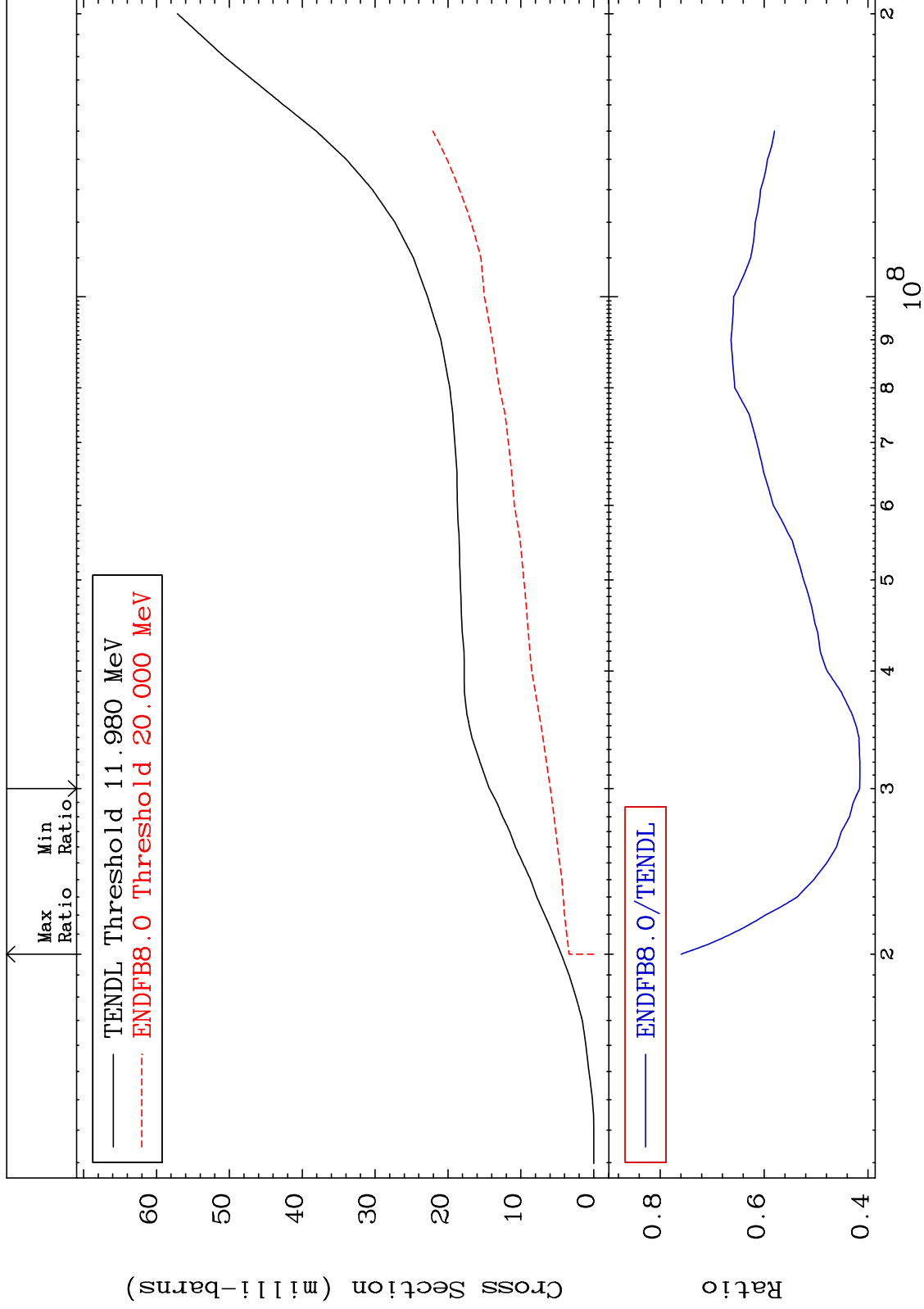




MAT 1428

Tritium Production
Cross Section

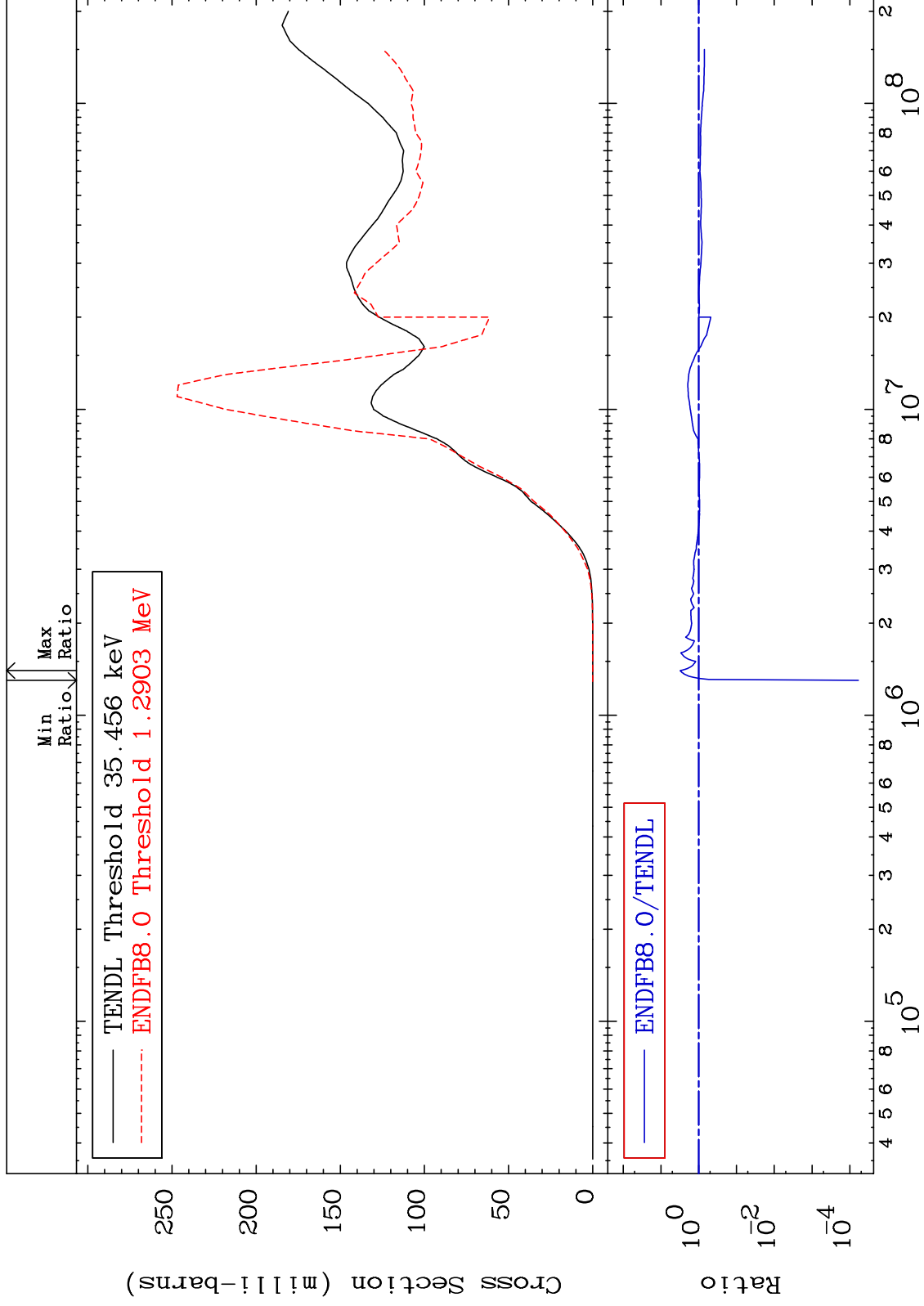
¹⁴Si-29
-58.43 To -24.06%



MAT 1428

He-4 Production
Cross Section

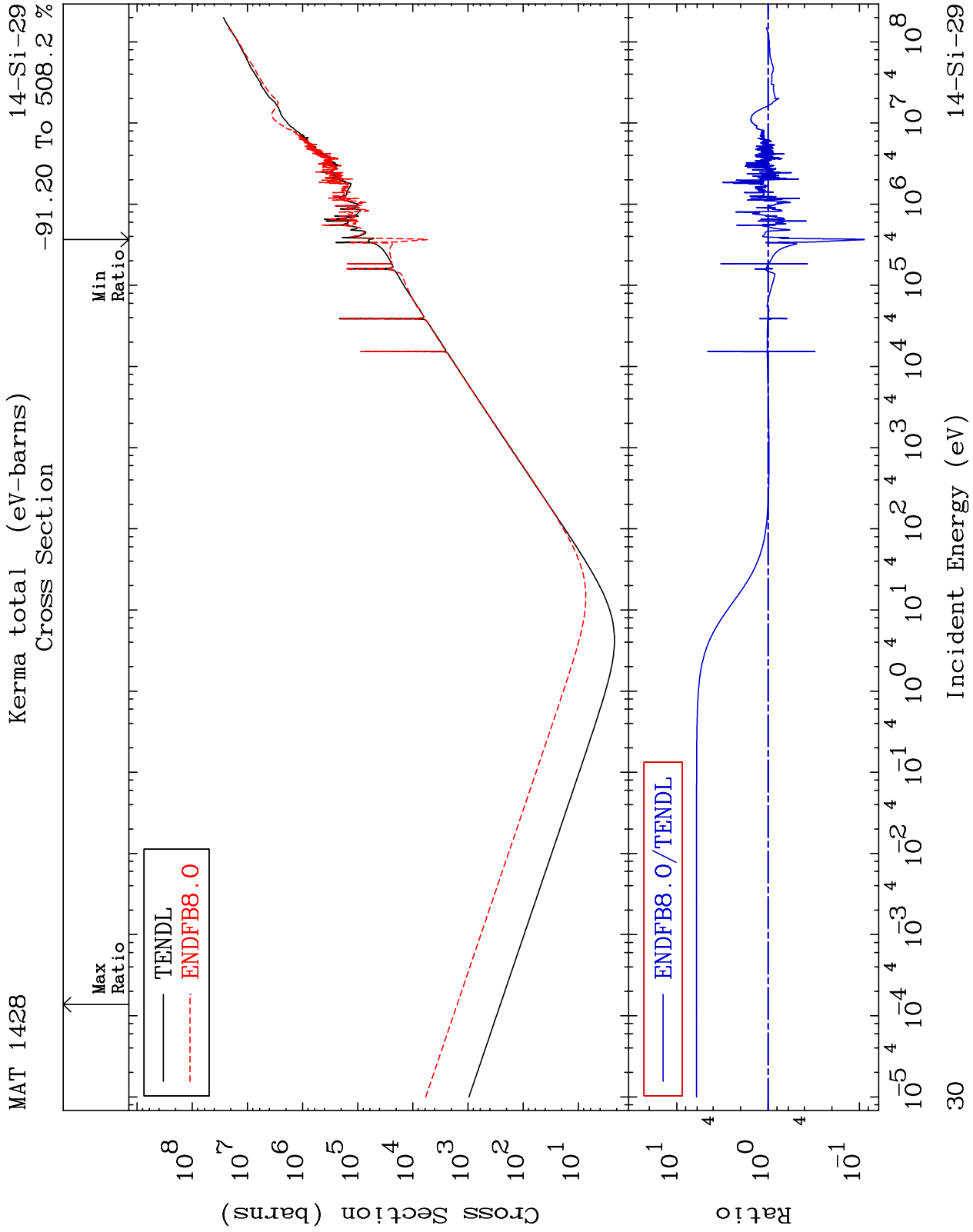
14-Si-29
-99.99 To 213.8 %



29

Incident Energy (eV)

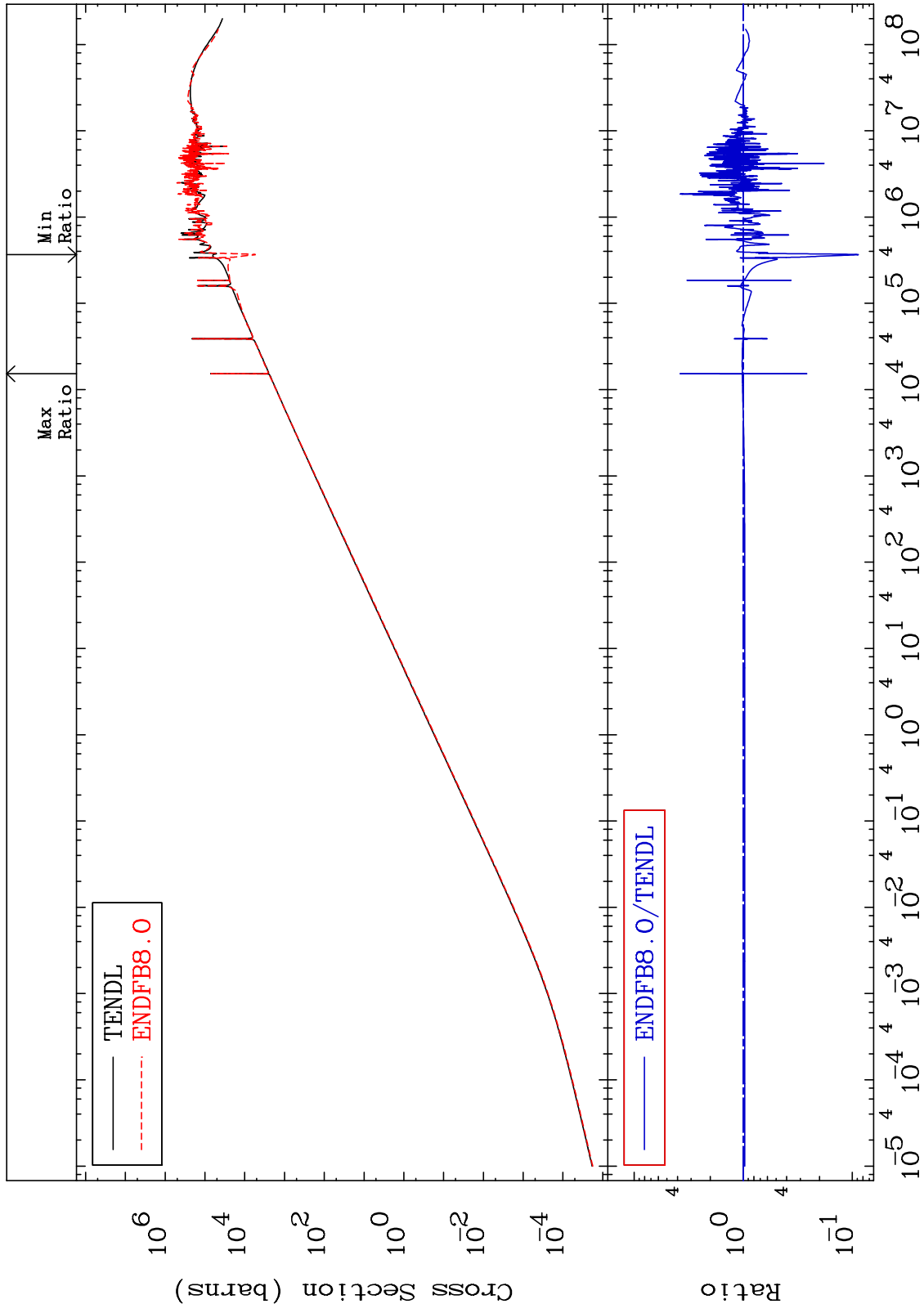
14-Si-29



MAT 1428

Kerma elastic
Cross Section

14-Si-29
-91.20 To 279.5 %



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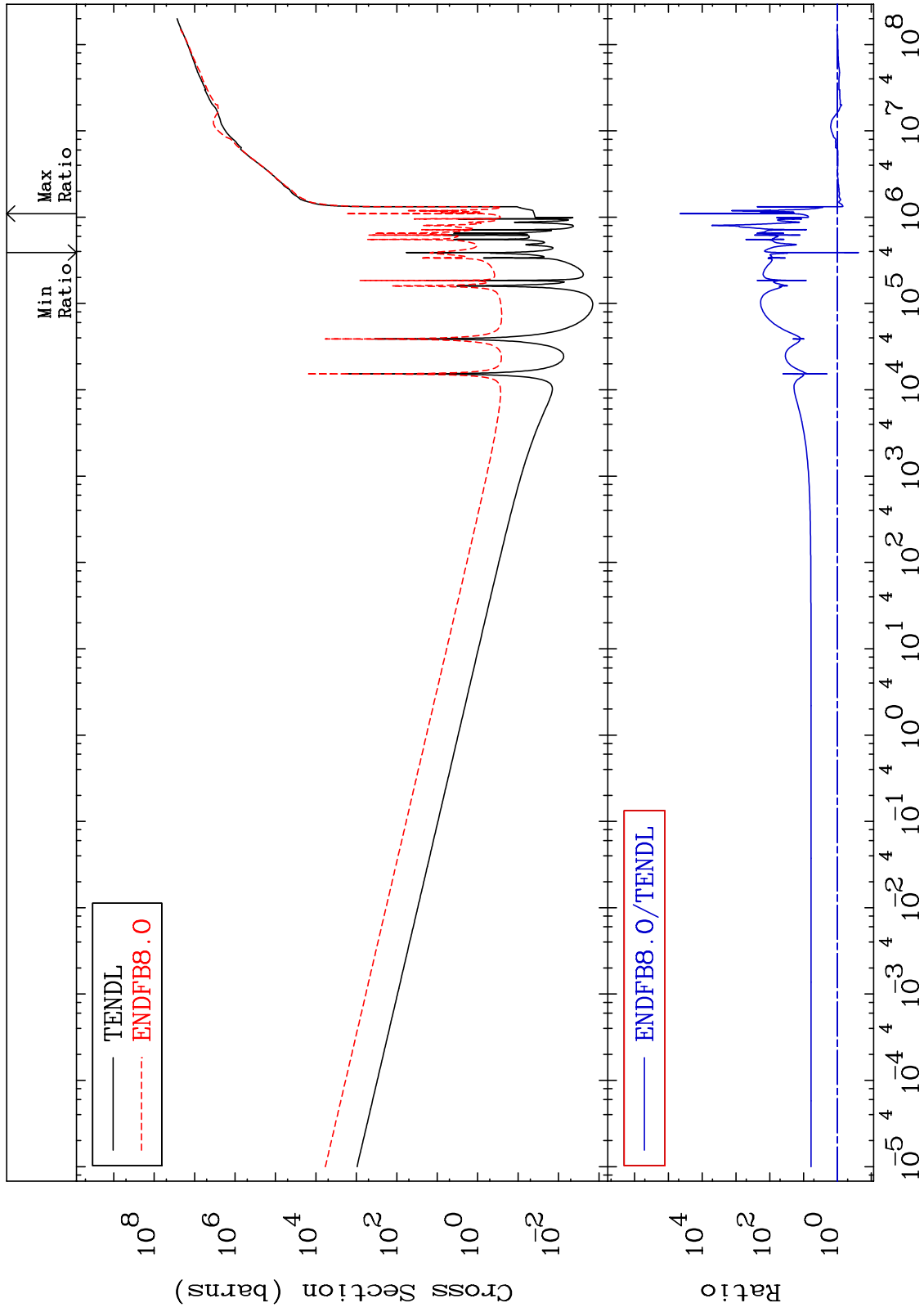
Incident Energy (eV)

14-Si-29

MAT 1428

Kerma non-elastic (all but mt2)
Cross Section

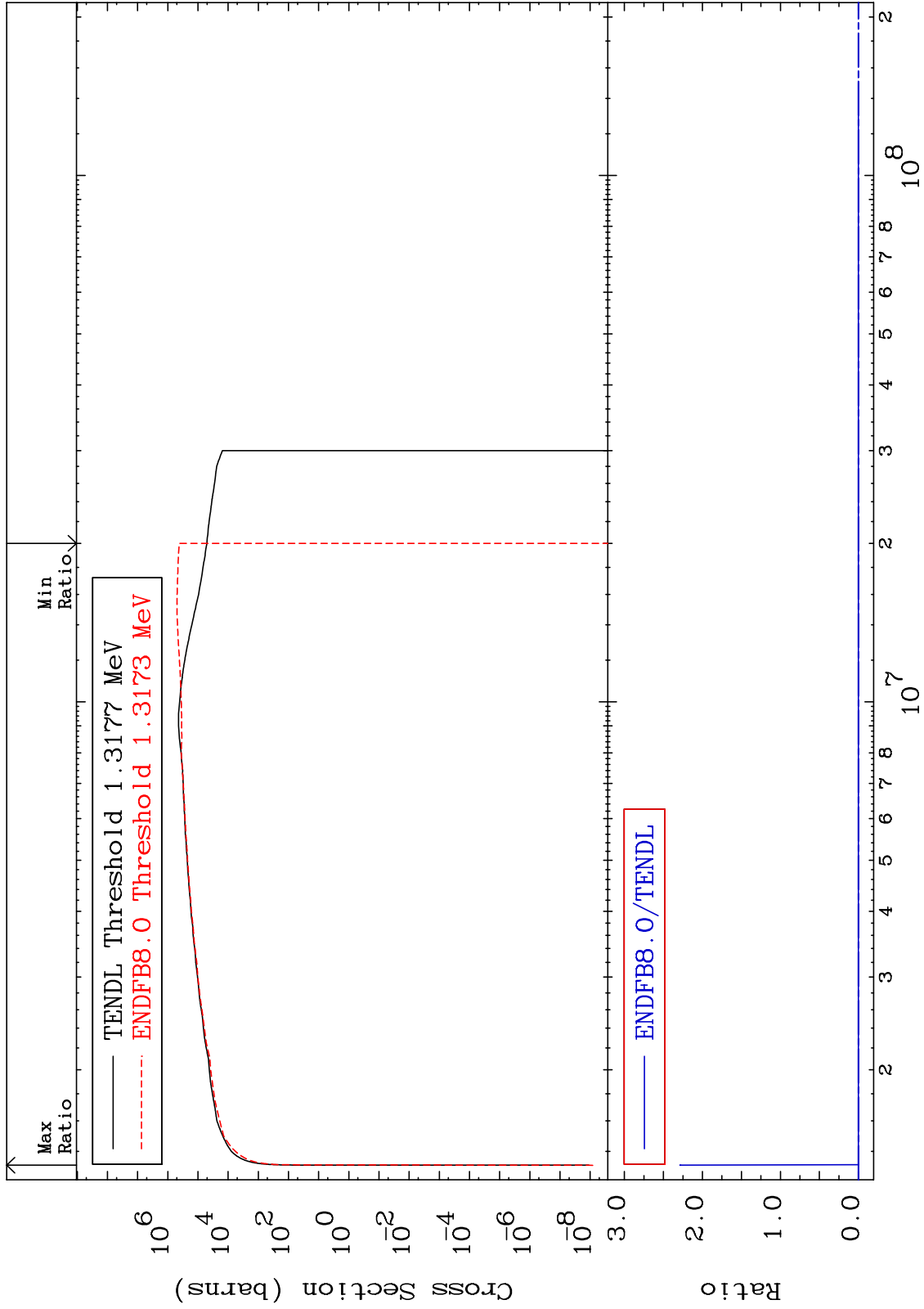
14-Si-29
-75.88 To 9999. %



MAT 1428

Kerma inelastic (mt51-91)
Cross Section

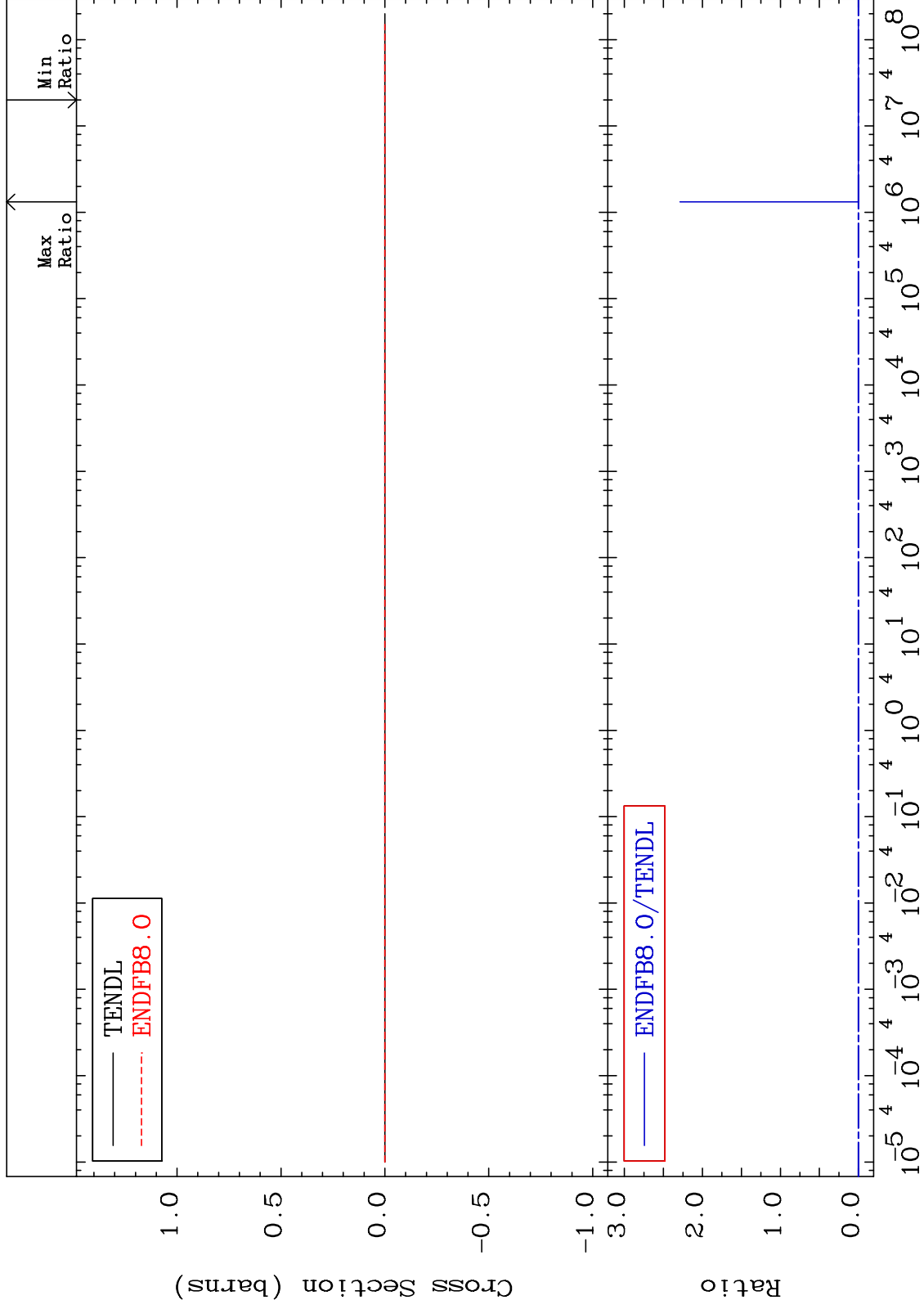
14-Si-29
-100.0 To 9999. %



MAT 1428

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

14-Si-29
-100.0 To 9999. %



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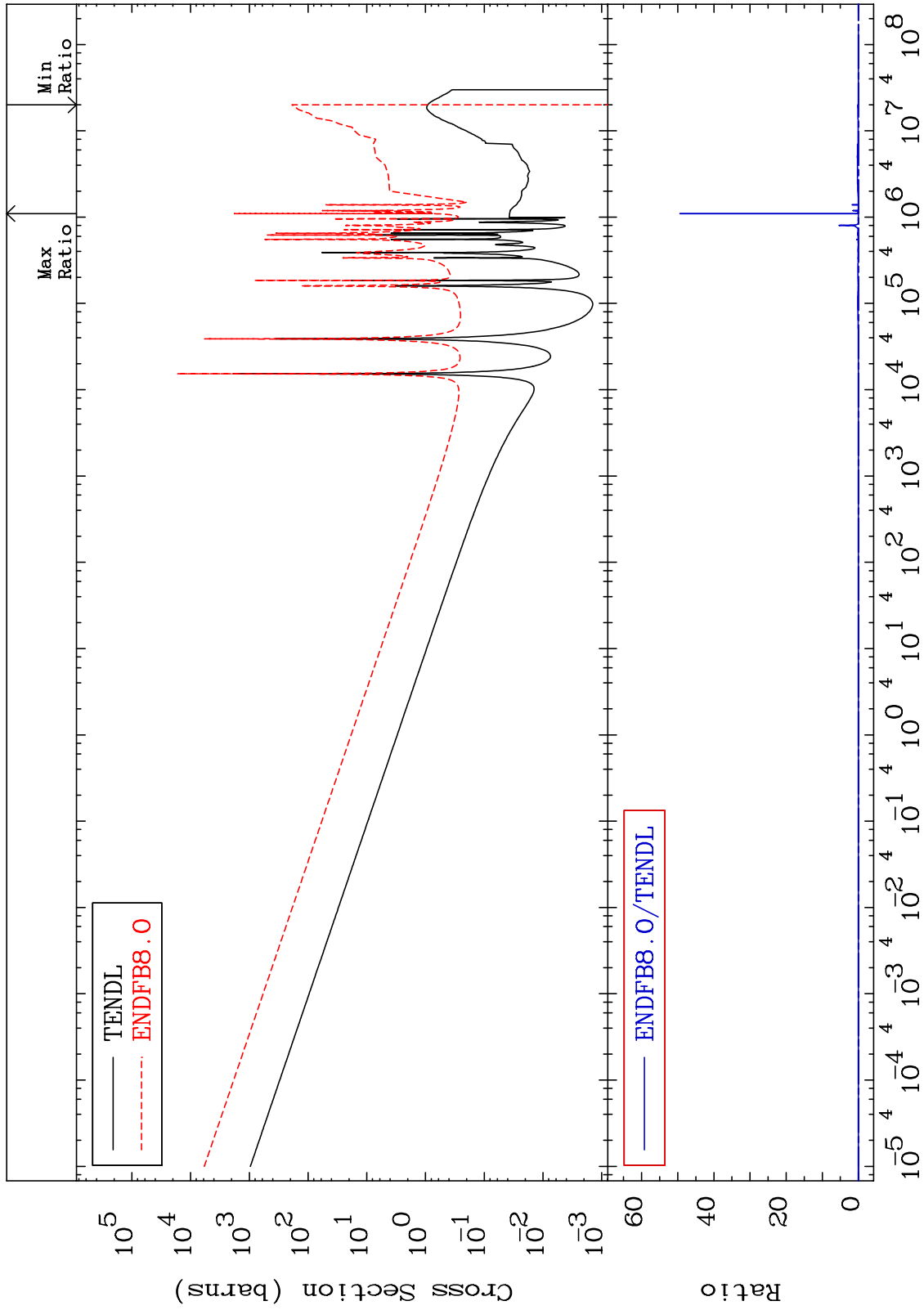
Incident Energy (eV)

14-Si-29

MAT 1428

Kerma capture (mt102)
Cross Section

14-Si-29
-100.0 To 9999. %



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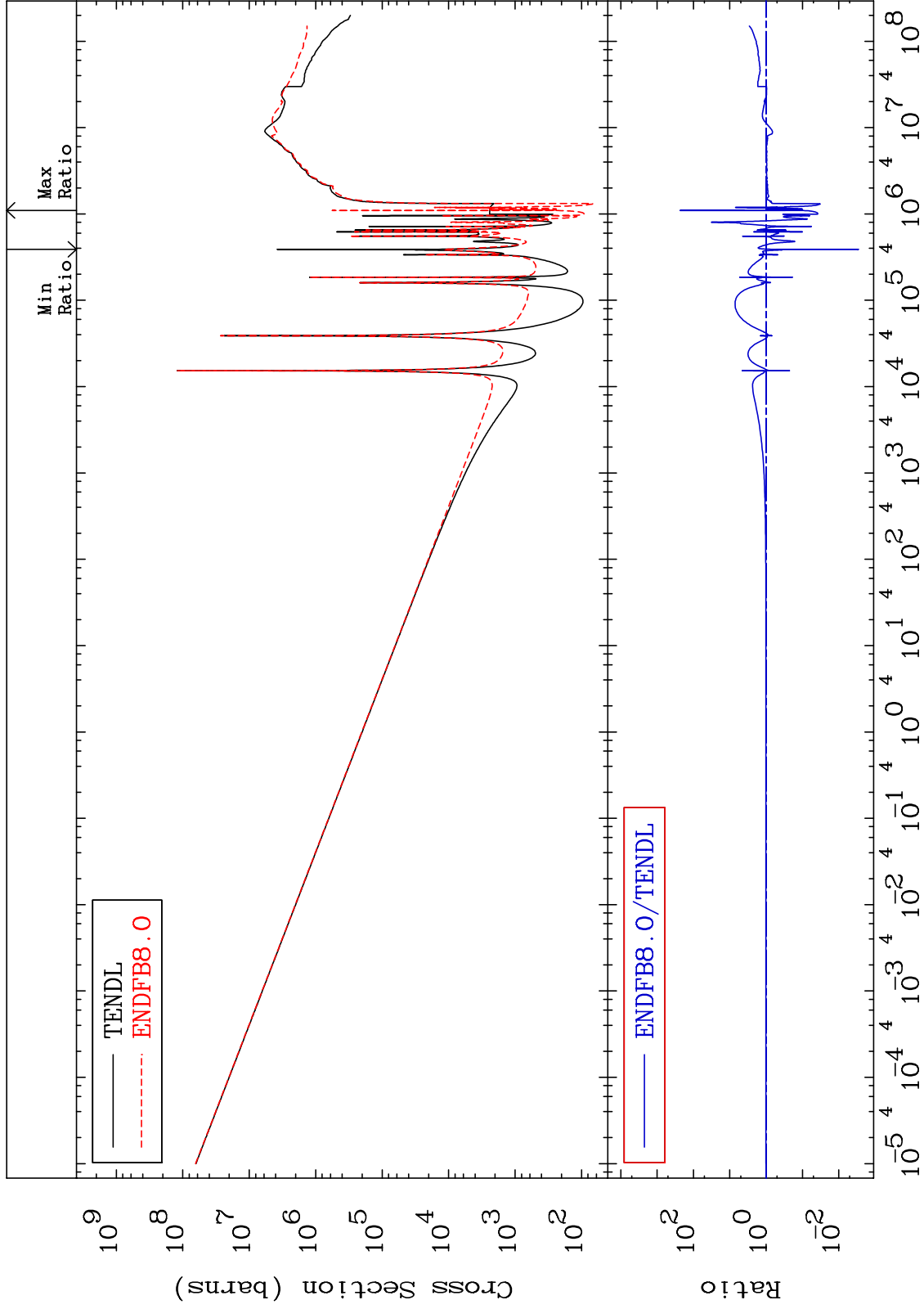
Incident Energy (eV)

14-Si-29

MAT 1428

Total photon (eV-barns)
Cross Section

14-Si-29
-99.71 To 9999. %

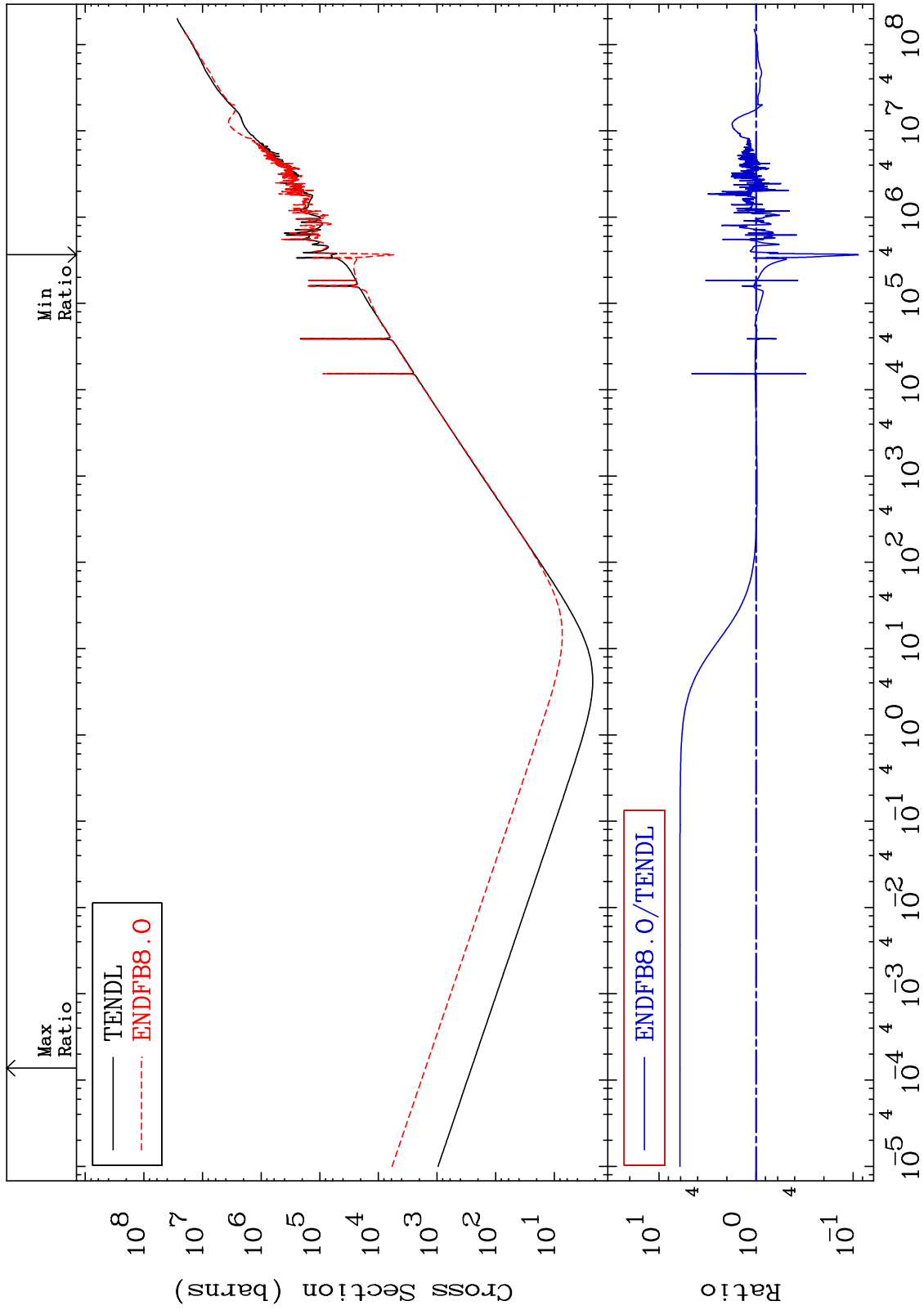


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Incident Energy (eV)

14-Si-29

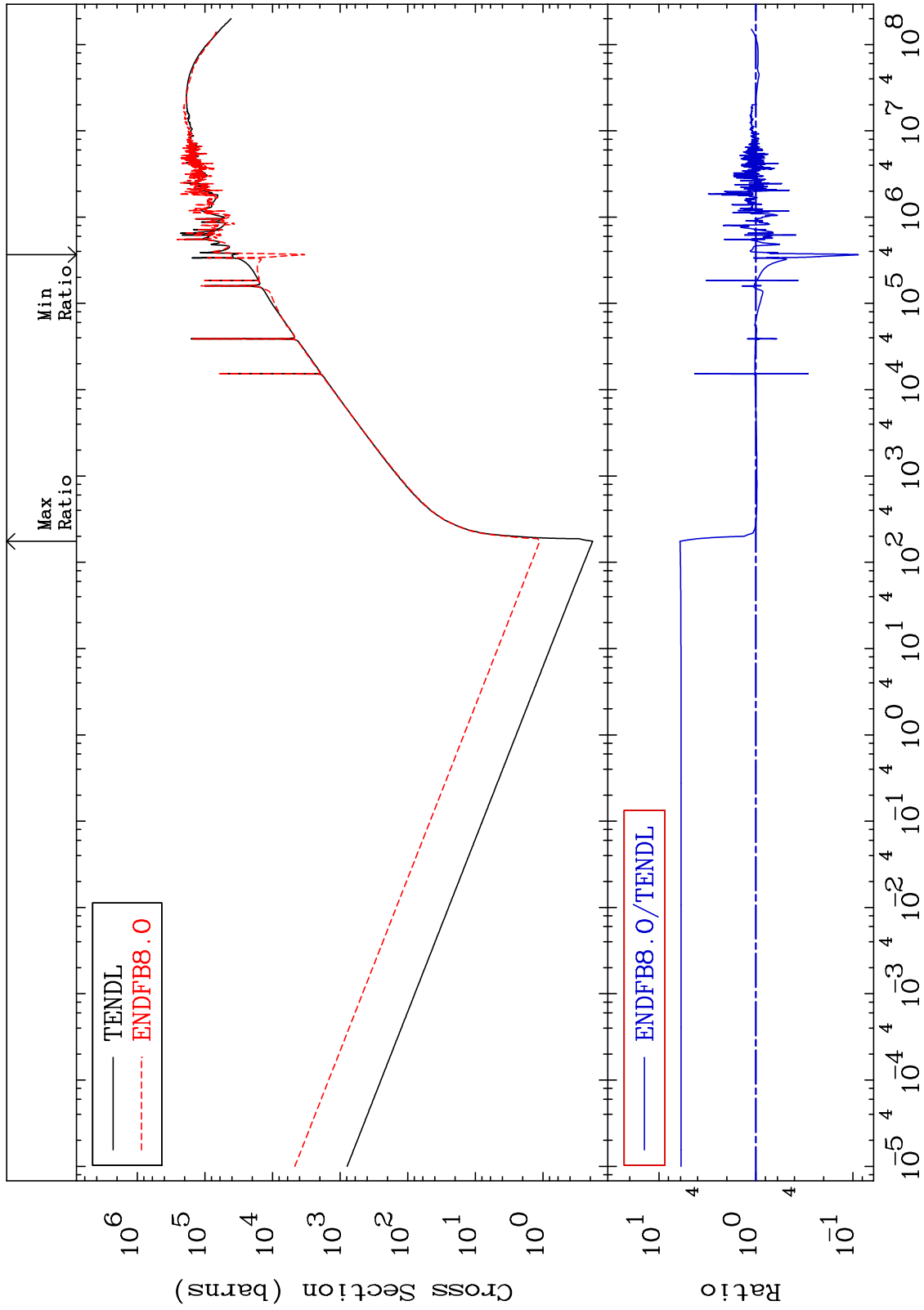
MAT 1428 Total kinematic kerma (high limit) Cross Section -91.20 To 508.2 % 14-Si-29



MAT 1428

Dpa total (eV-barns)
Cross Section

14-Si-29
-91.24 To 507.7 %



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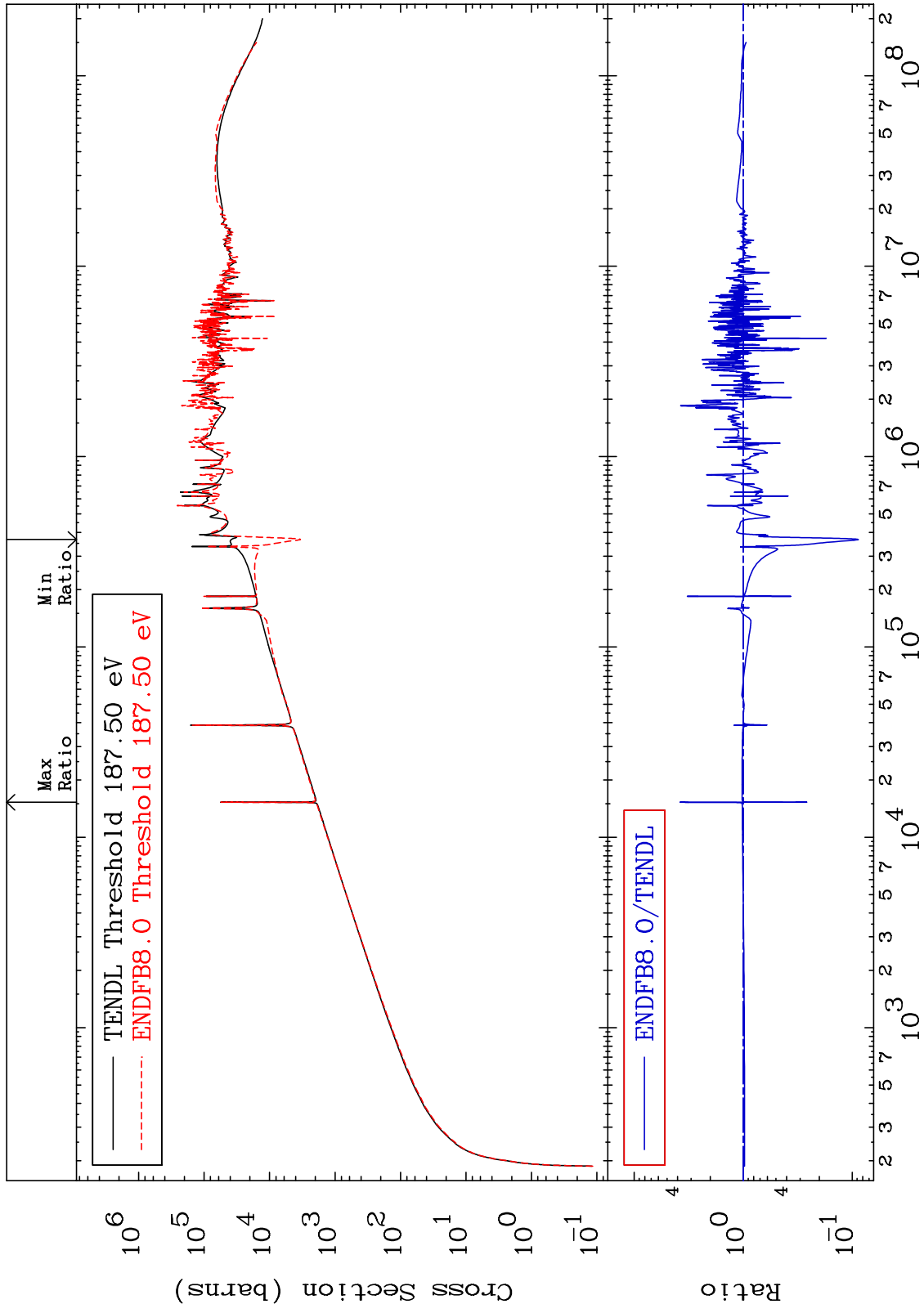
Incident Energy (eV)

14-Si-29

MAT 1428

Dpa elastic (mt2)
Cross Section

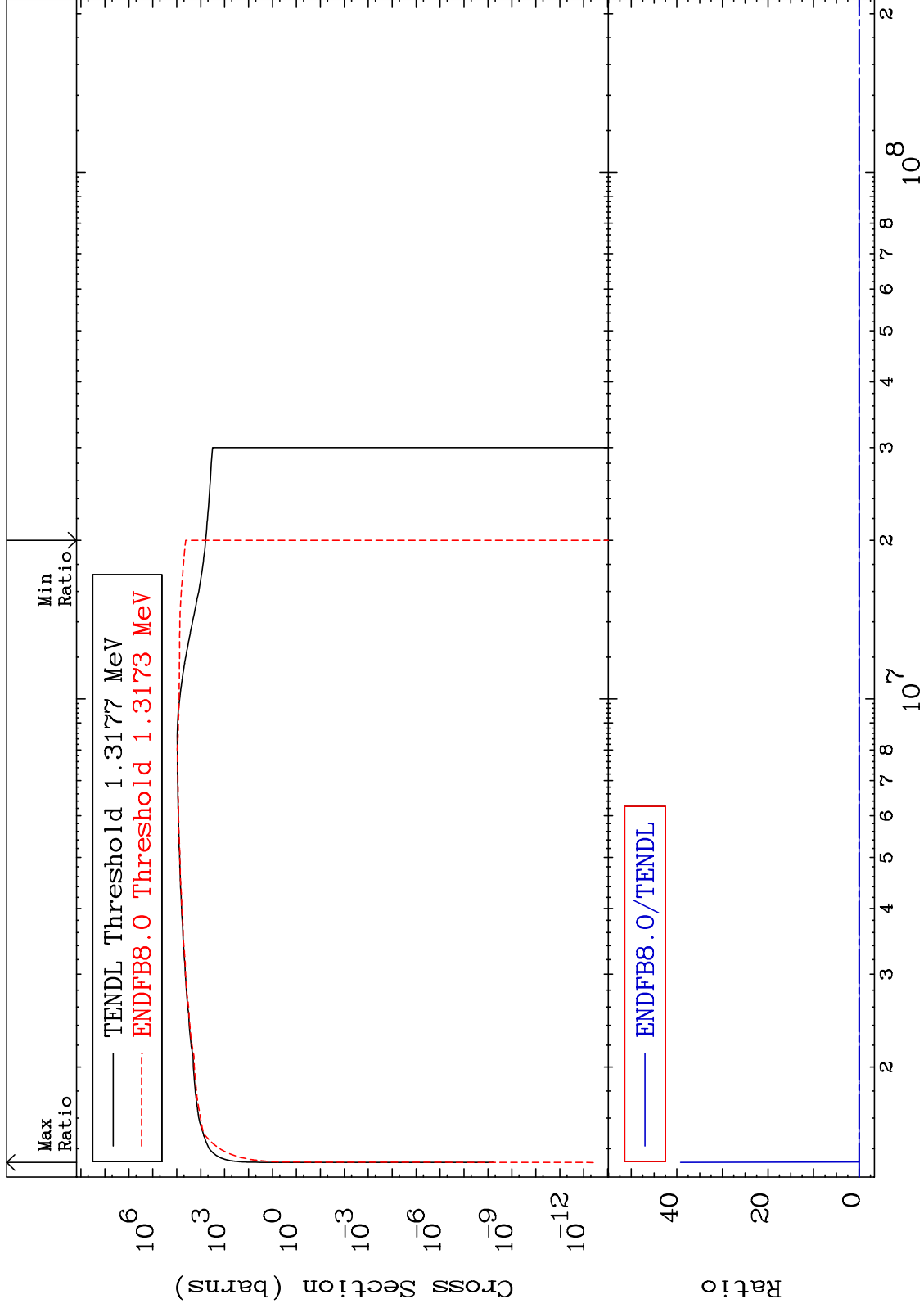
14-Si-29
-91.24 To 279.6 %



MAT 1428

Dpa inelastic (mt51-91)
Cross Section

14-Si-29
-100.0 To 9999. %



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Incident Energy (eV)

14-Si-29

MAT 1428

Dpa disappearance (mt102 -120)
Cross Section

14-Si-29
-100.0 To 9999. %

