

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](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

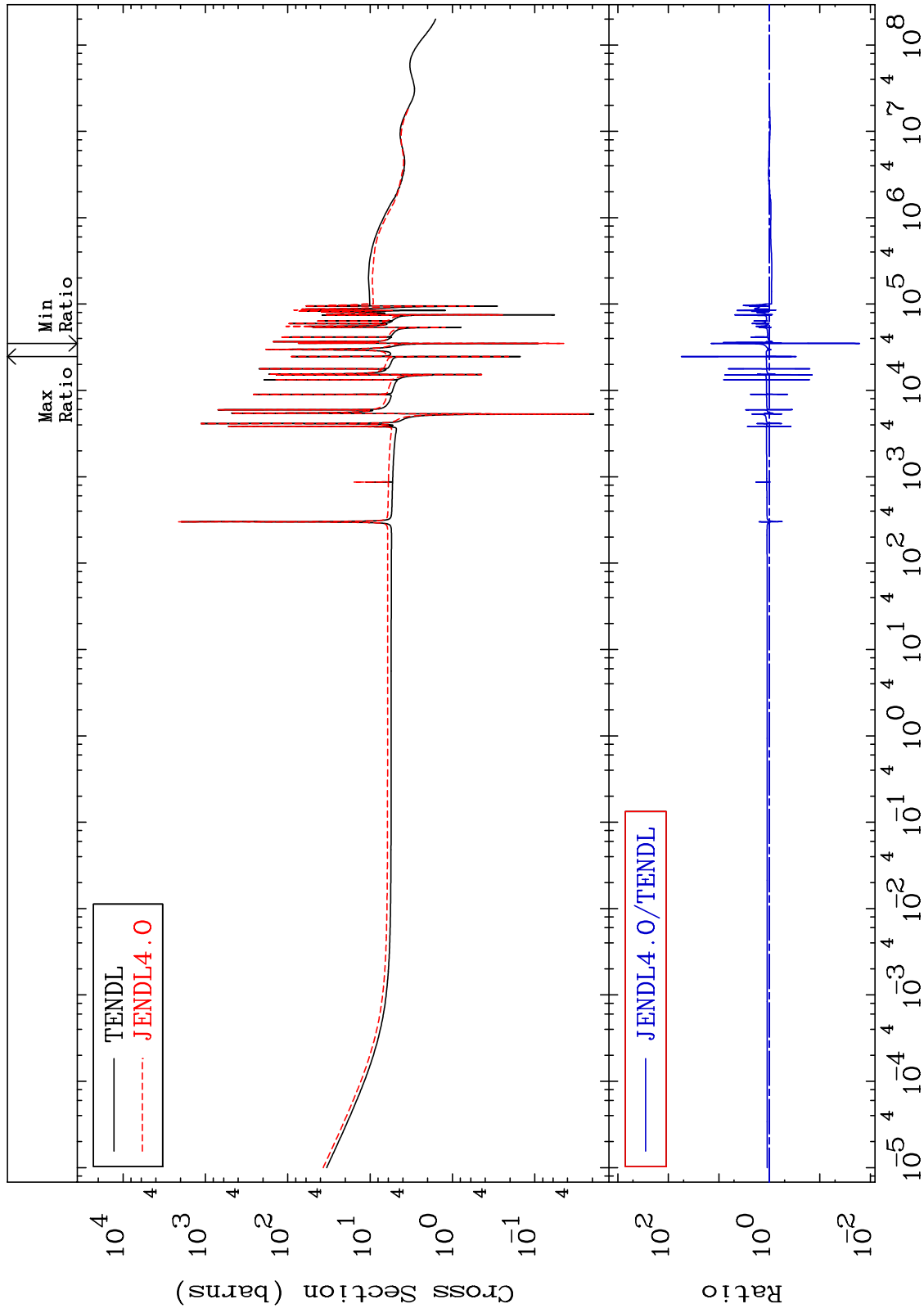
MAT 4043

Total

40-Zr-96

Cross Section

-98.38 To 5448. %



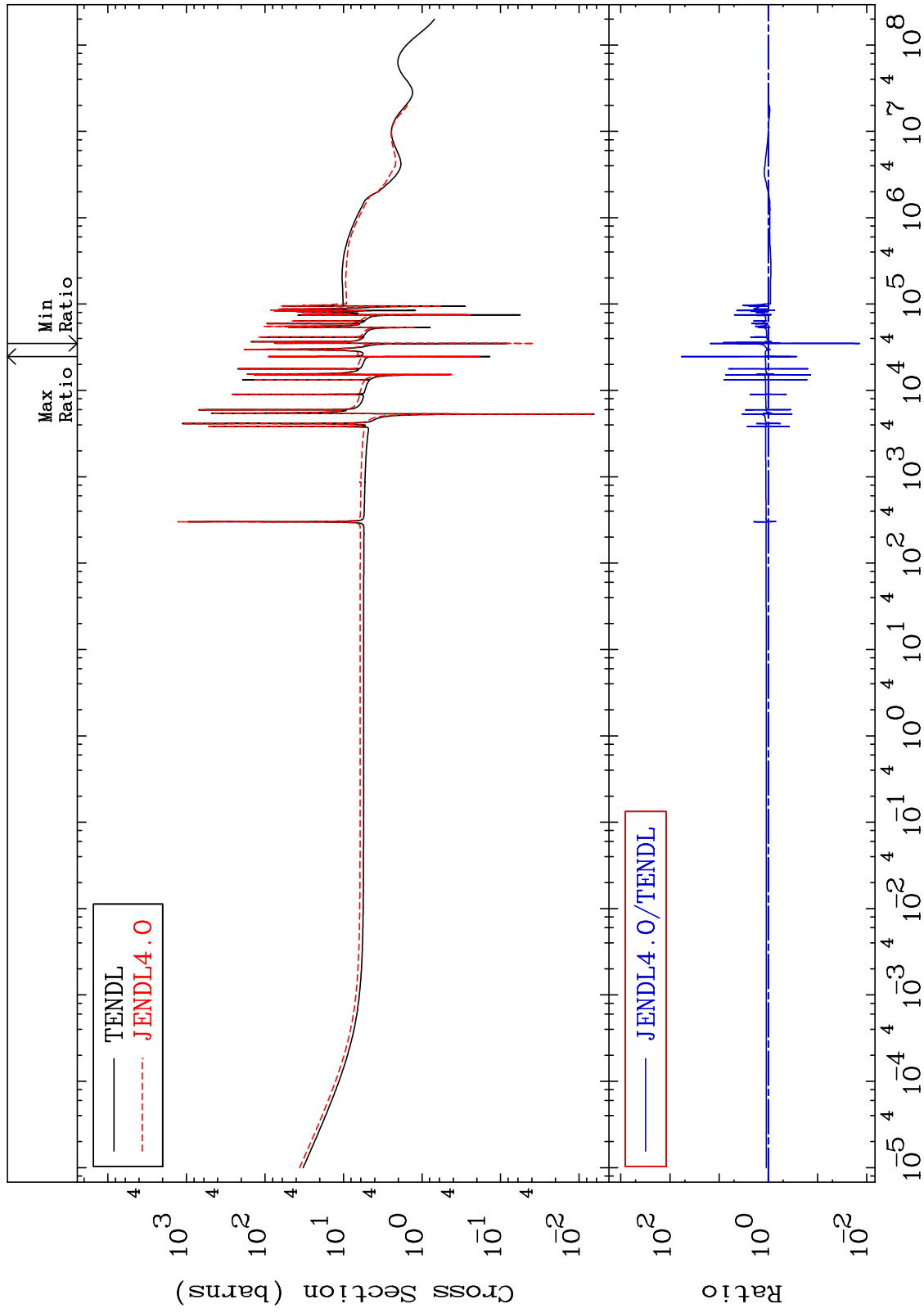
Incident Energy (eV)

40-Zr-96

MAT 4043

Elastic  
Cross Section

40-Zr-96  
-98.61 To 5808. %

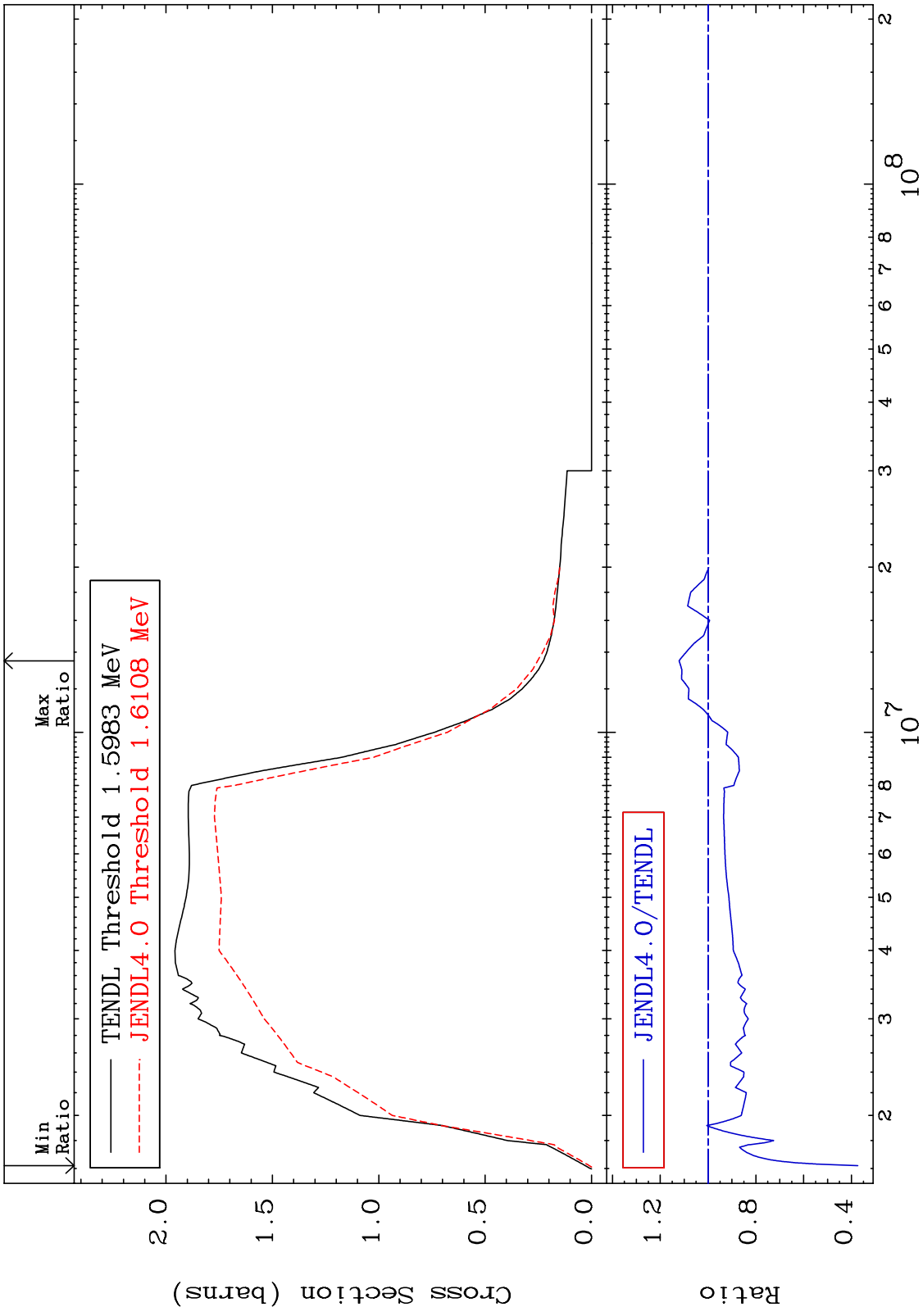


2

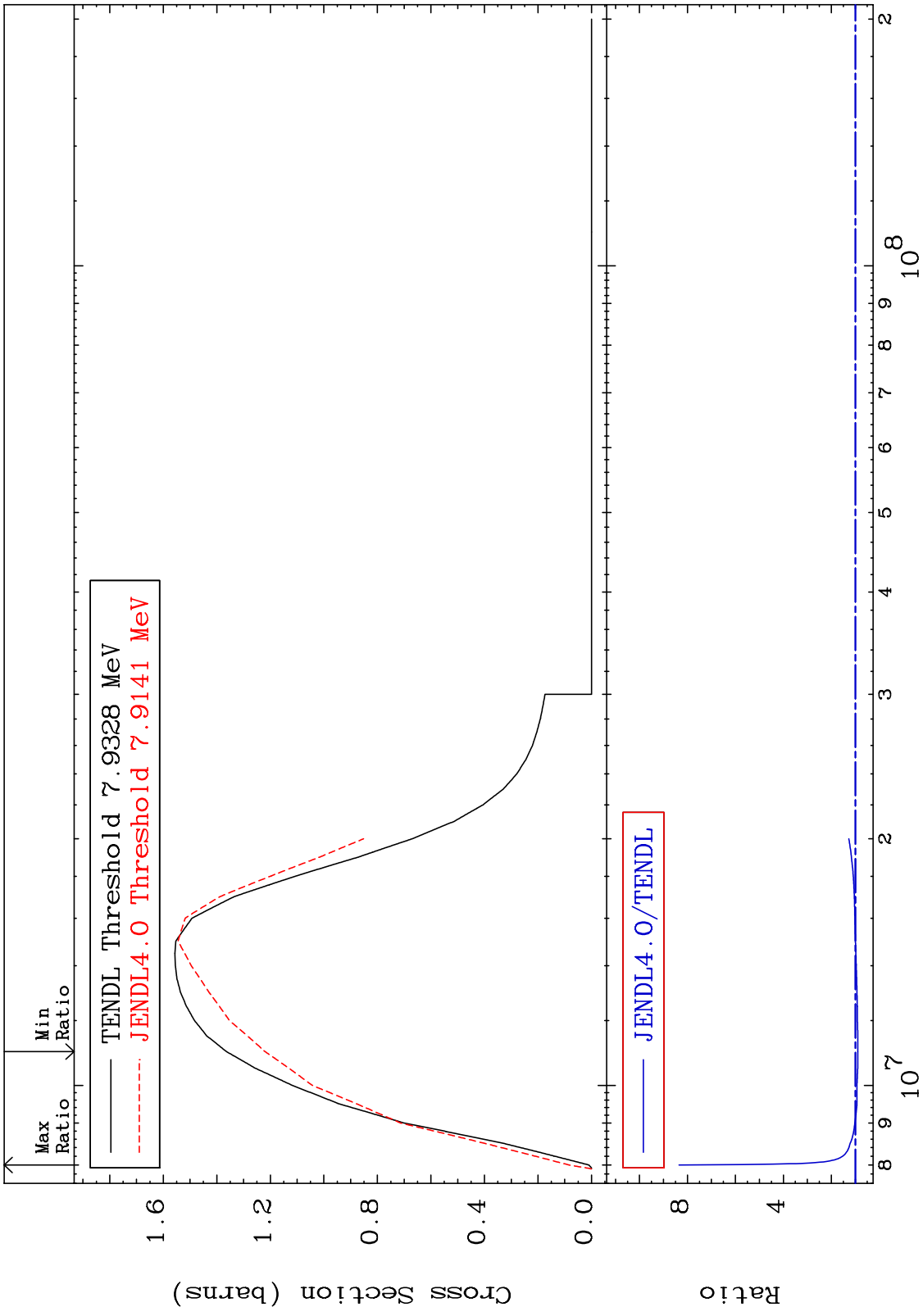
Incident Energy (eV)

40-Zr-96

MAT 4043 40-Zr-96 -62.67 To 12.14 % Inelastic Cross Section

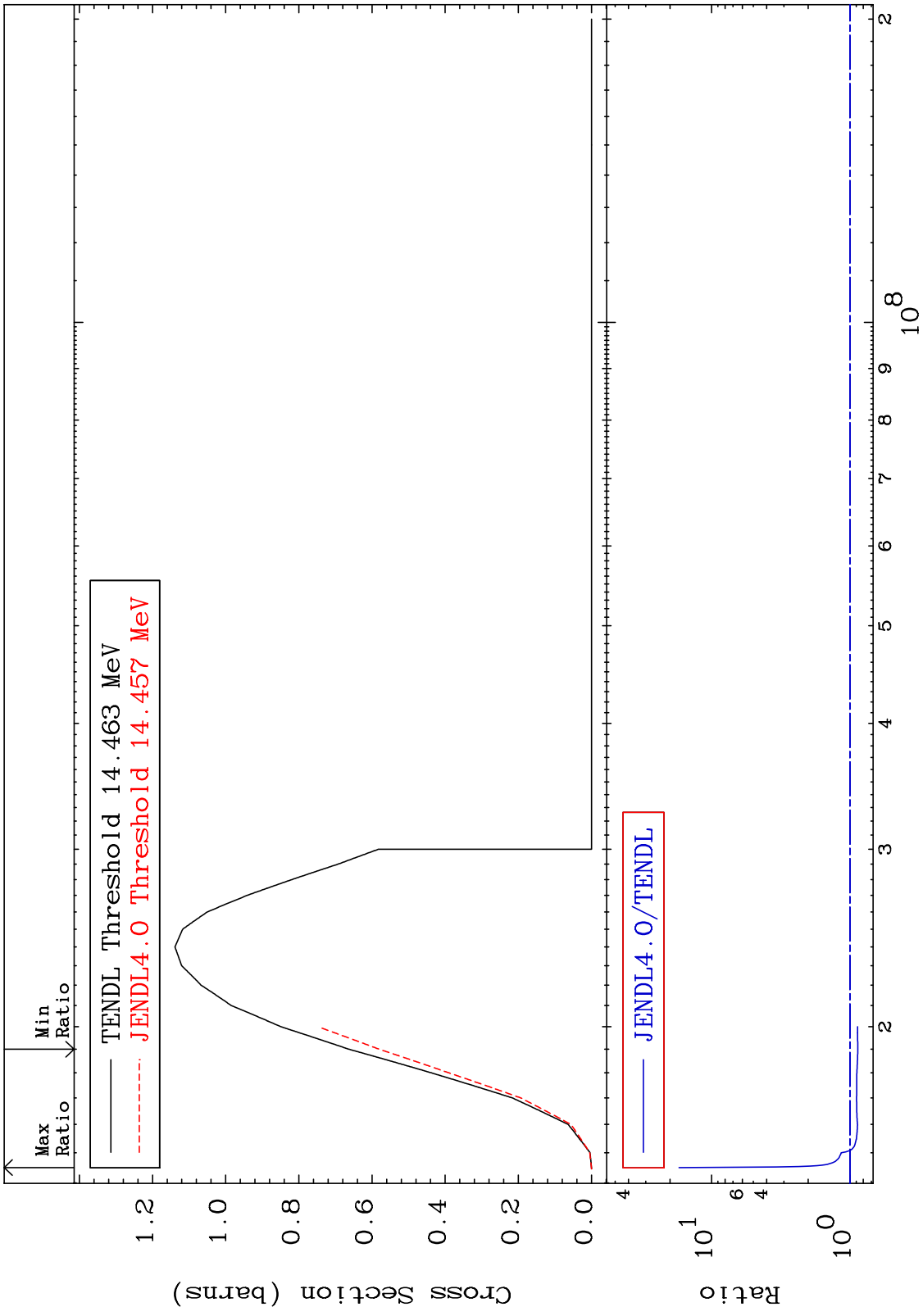


MAT 4043 (n,2n) Cross Section 40-Zr-96 -10.58 To 735.1 %

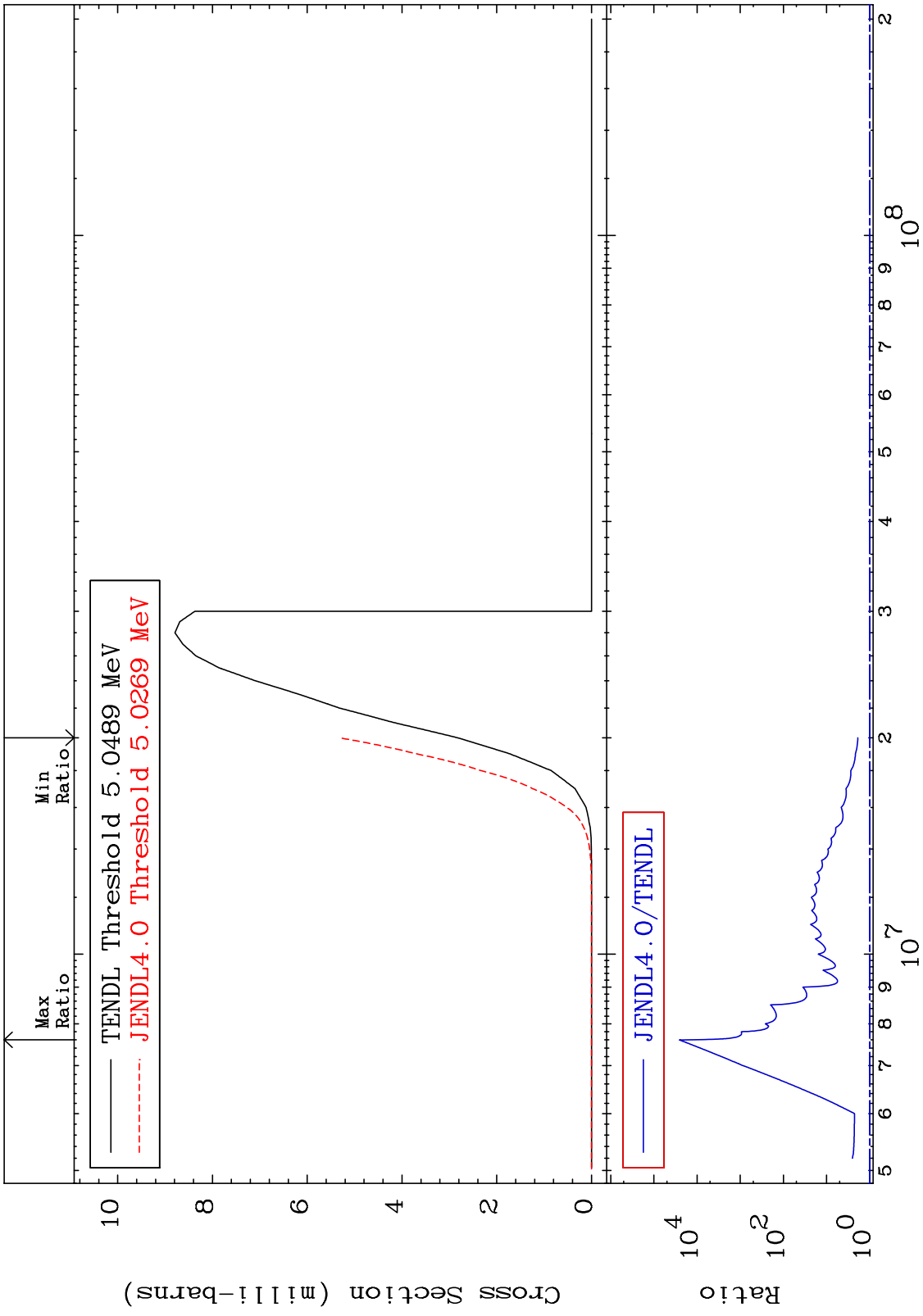


4 40-Zr-96 Incident Energy (eV)

MAT 4043 (n,3n) 40-Zr-96  
 Cross Section -12.46 To 1622. %

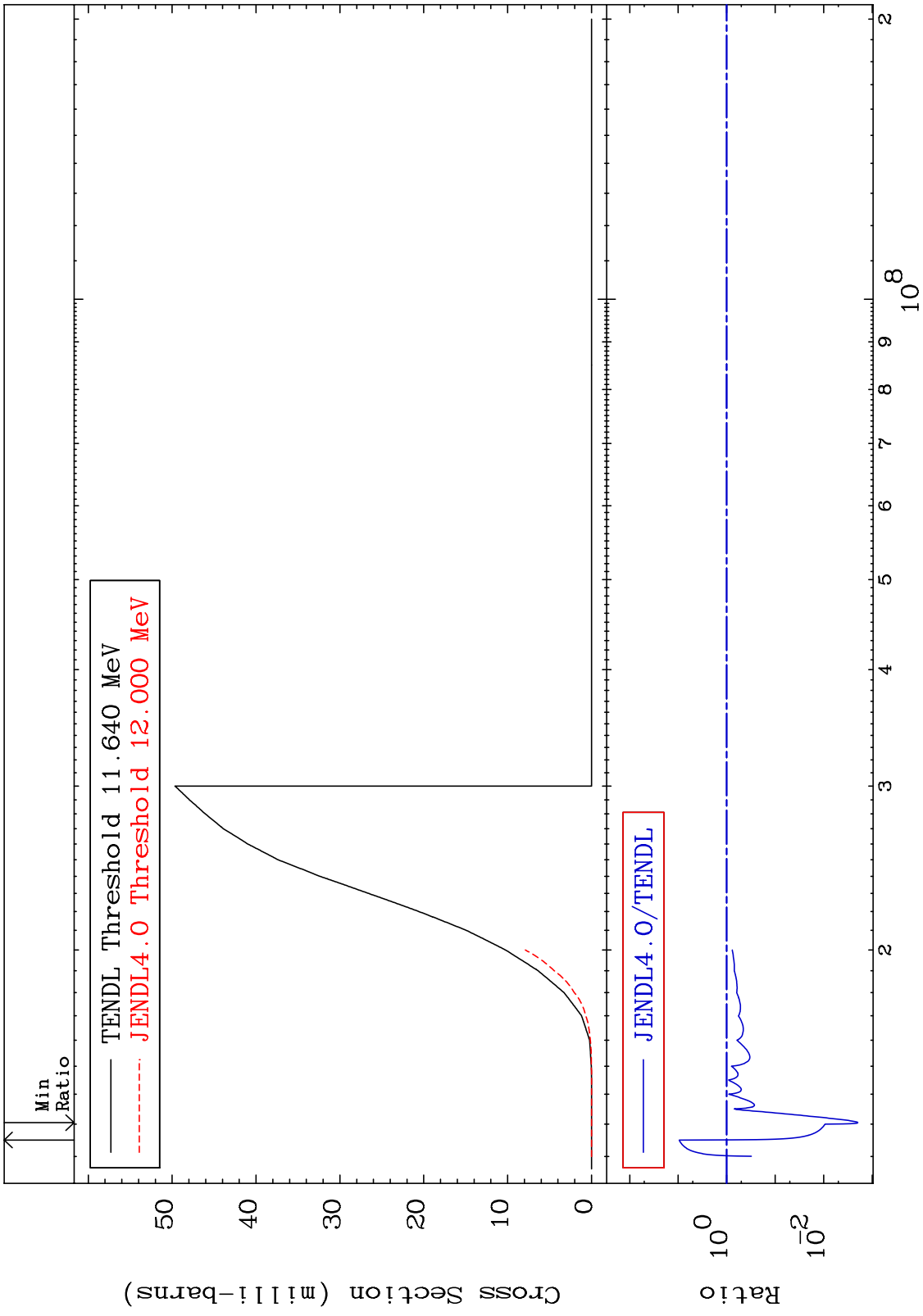


MAT 4043  $(n, n') \alpha$  40-Zr-96  
 Cross Section 88.56 To 9999. %



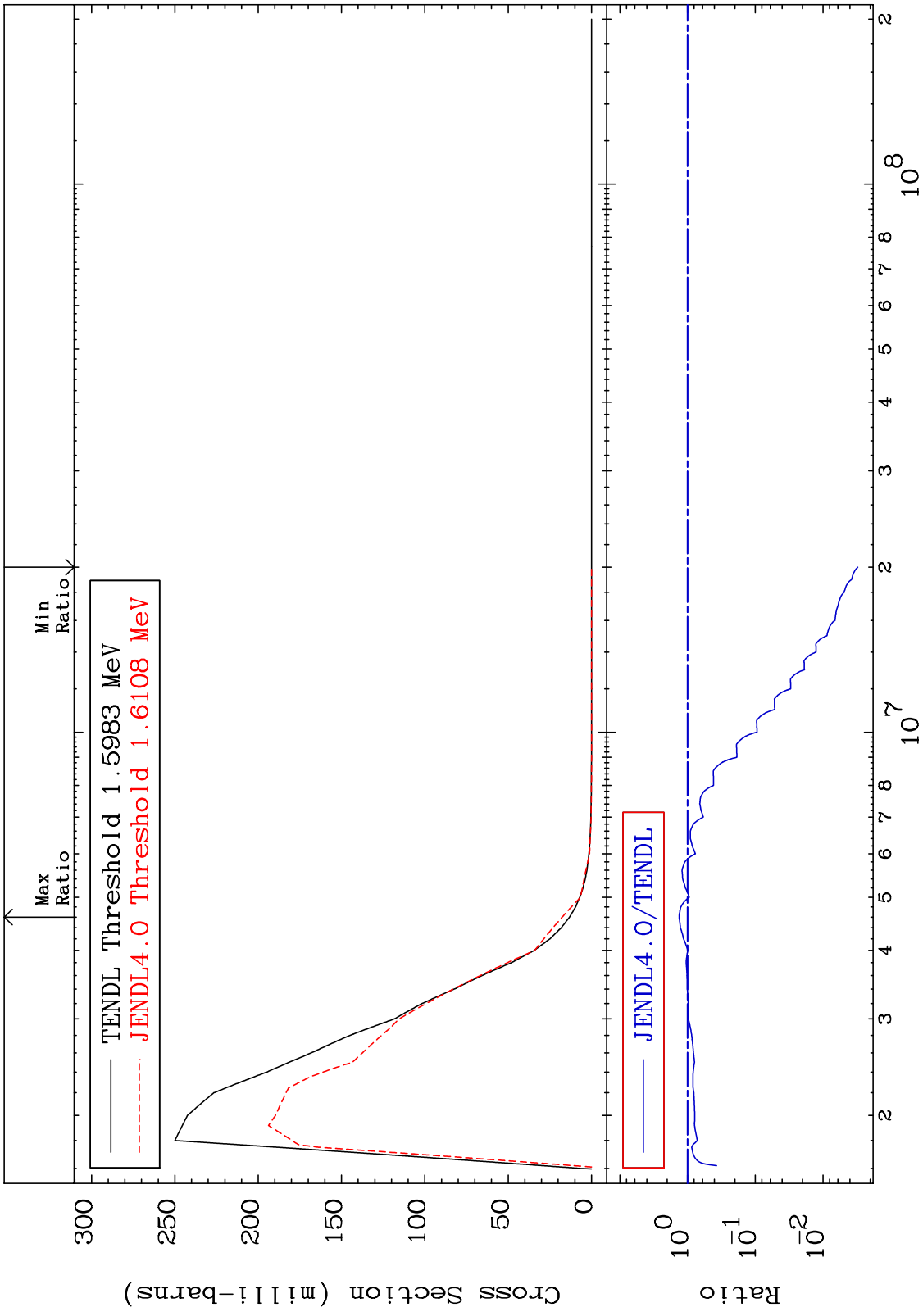
6 40-Zr-96

MAT 4043 (n,n') p Cross Section 40-Zr-96 -99.80 To 860.8 %





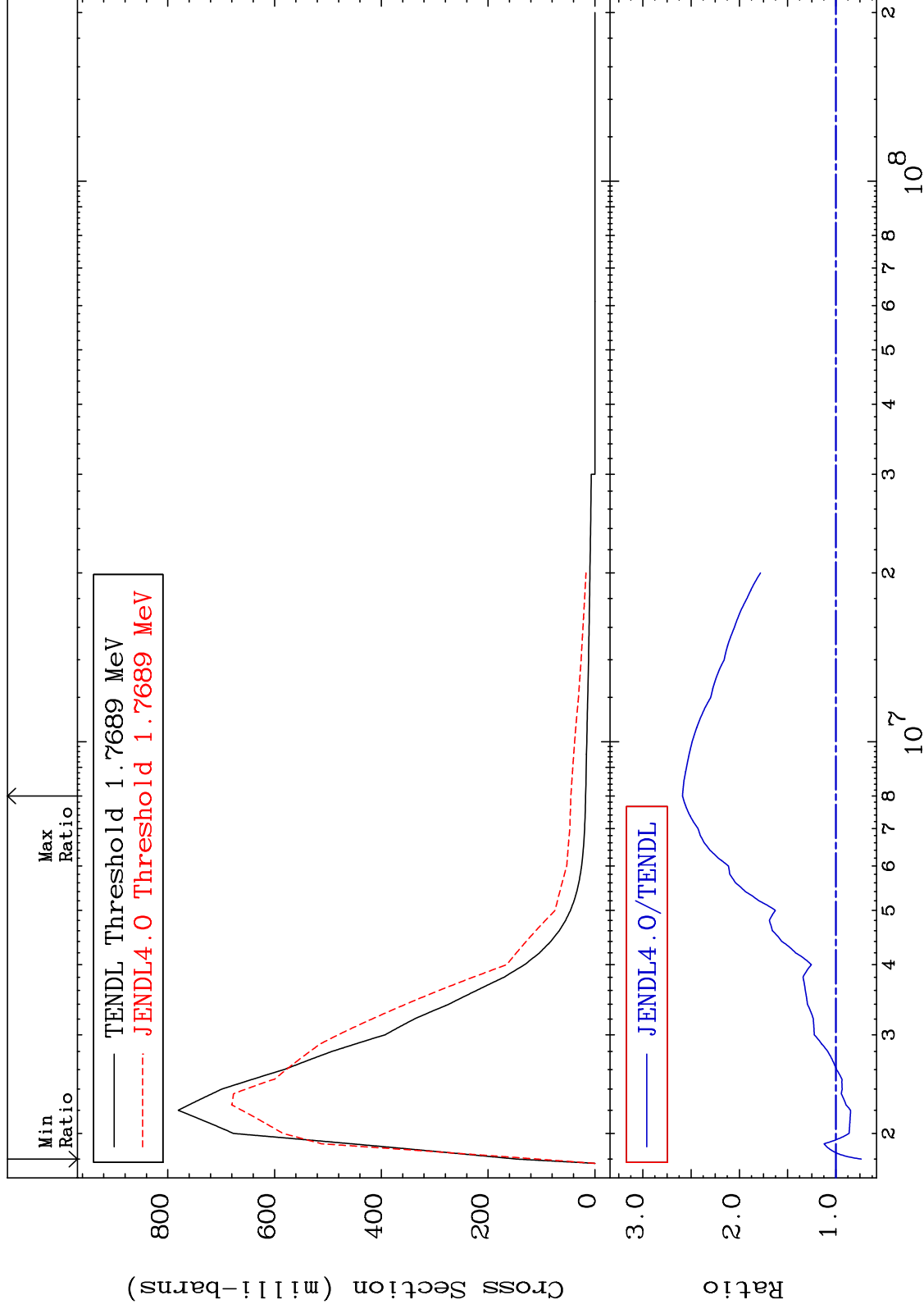
MAT 4043 MT= 51 (n,n') Level Cross Section 40-Zr-96  
 -99.69 To 33.55 %



MAT 4043

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

40-Zr-96  
-26.32 To 159.0 %

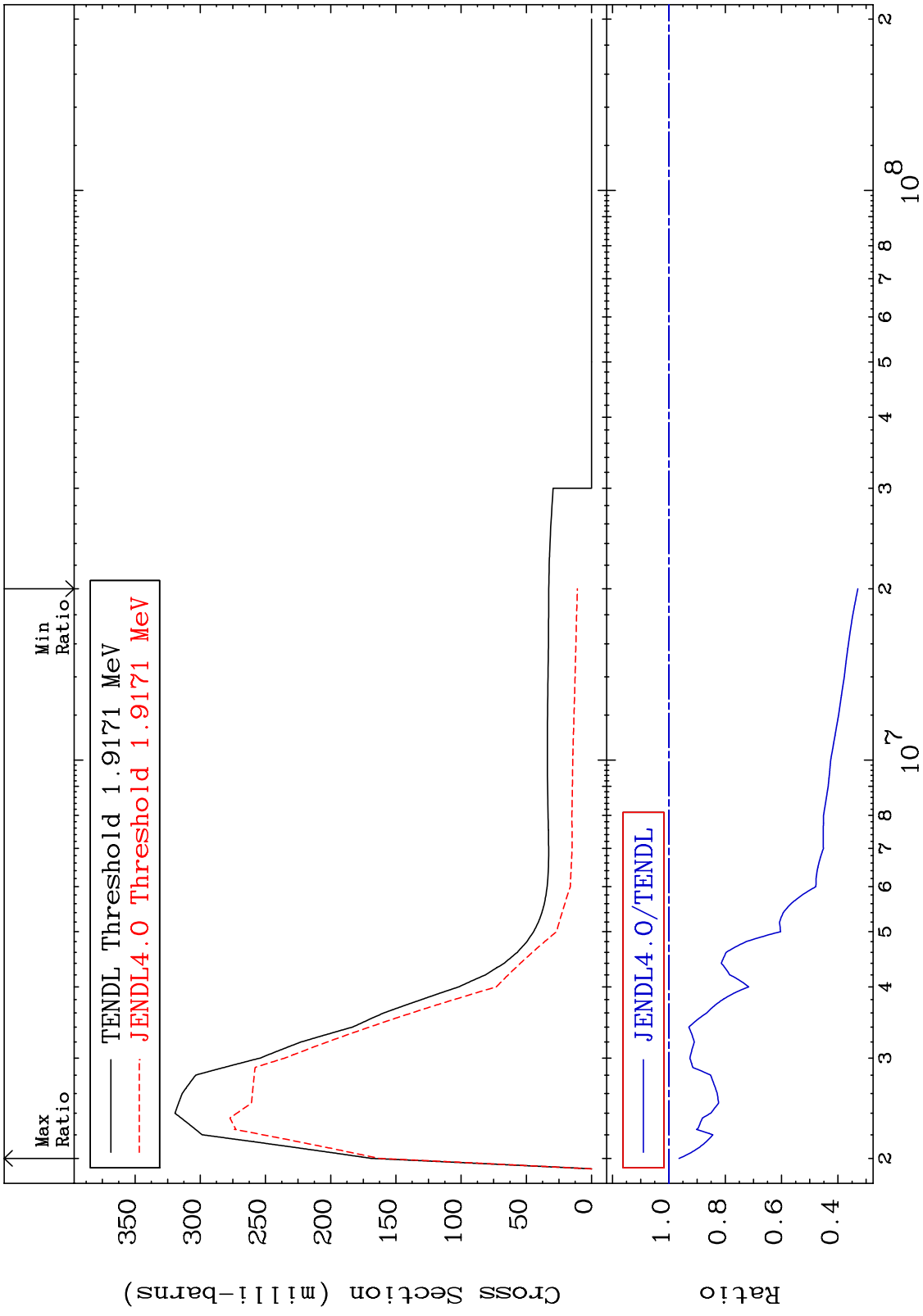


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Incident Energy (eV)

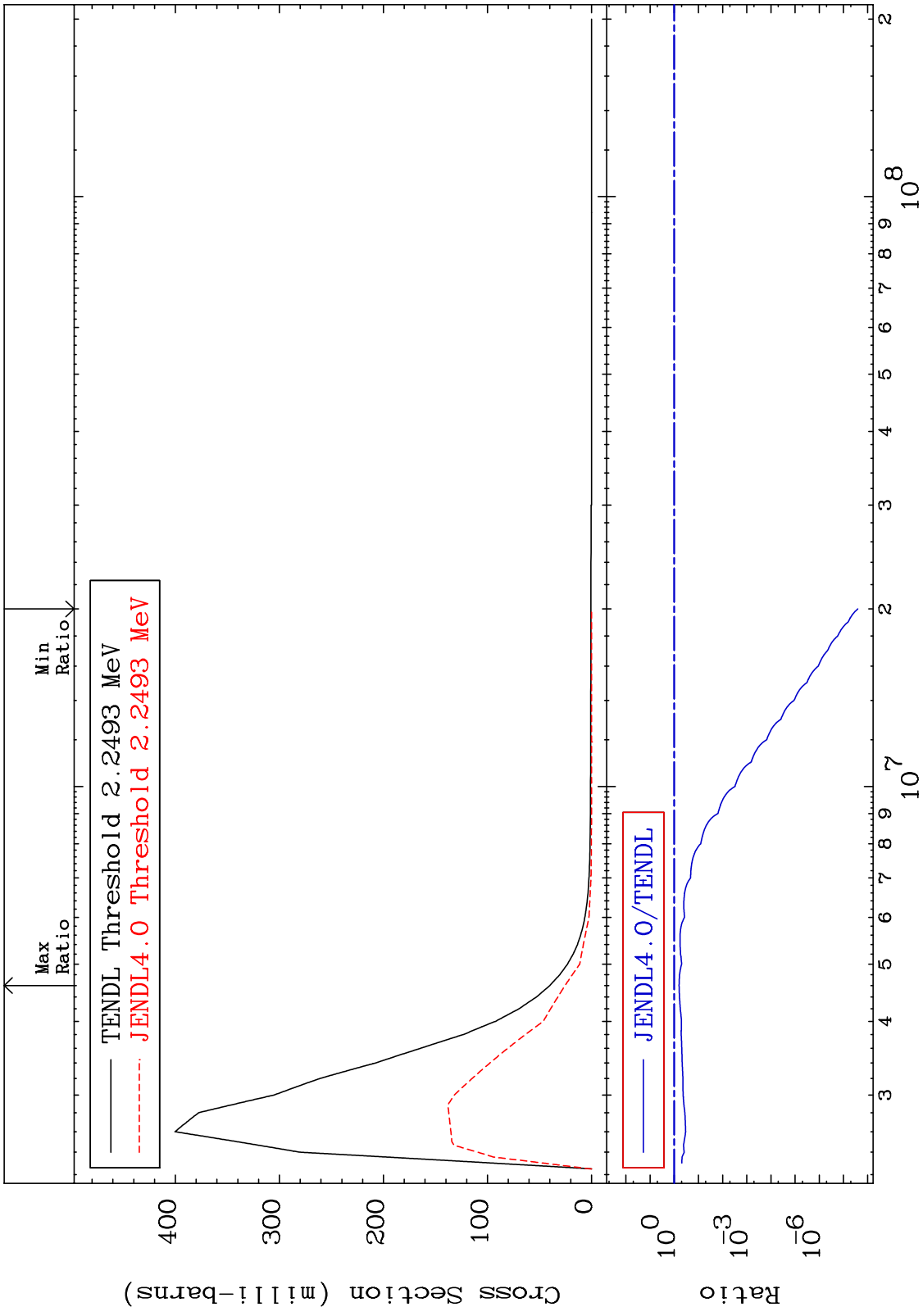
40-Zr-96

MAT 4043 MT= 53 (n,n') Level Cross Section 40-Zr-96  
 -67.05 To -3.611%

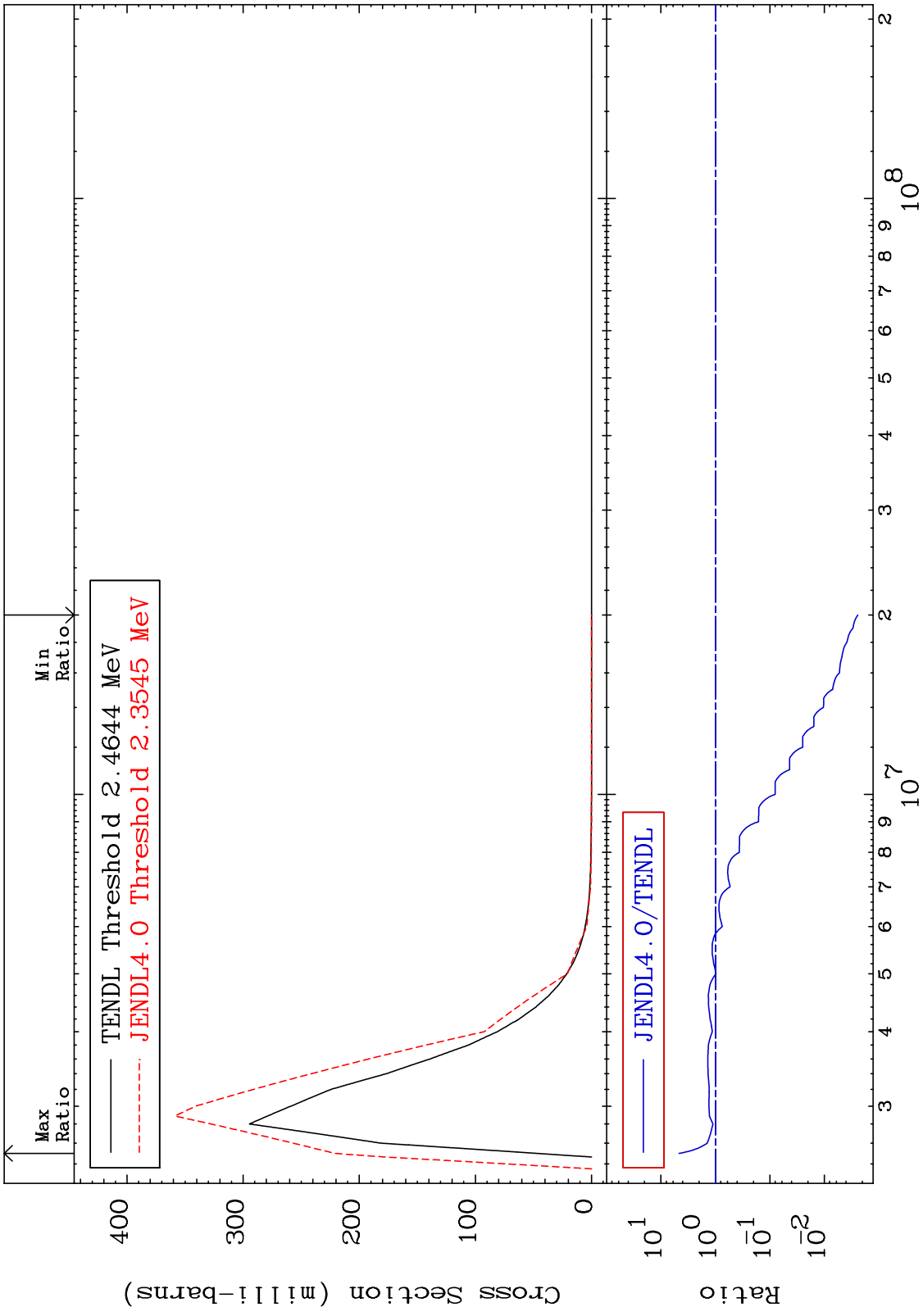


10 40-Zr-96

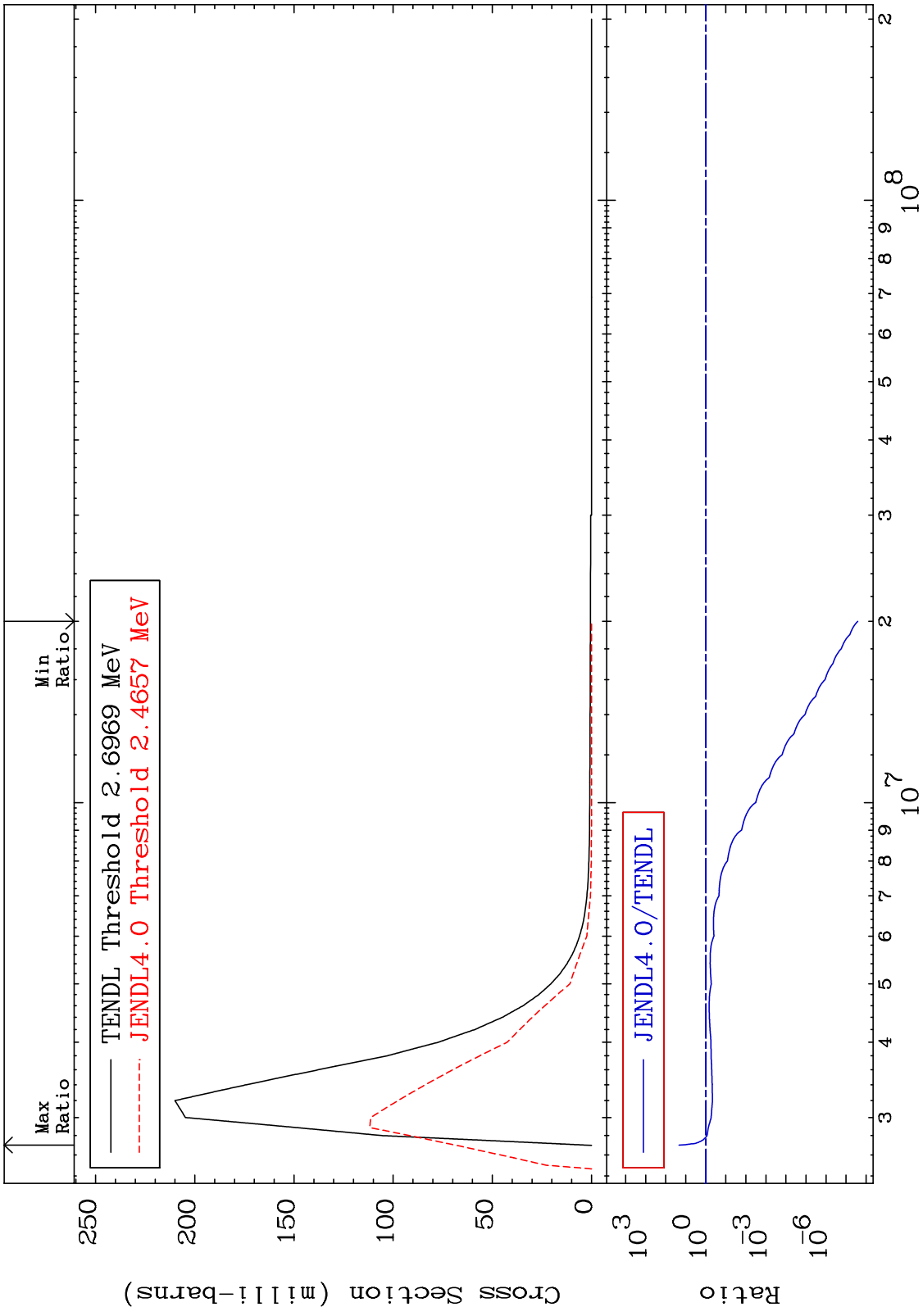
MAT 4043 MT= 54 (n,n') Level Cross Section 40-Zr-96  
 -100.0 To -36.65%



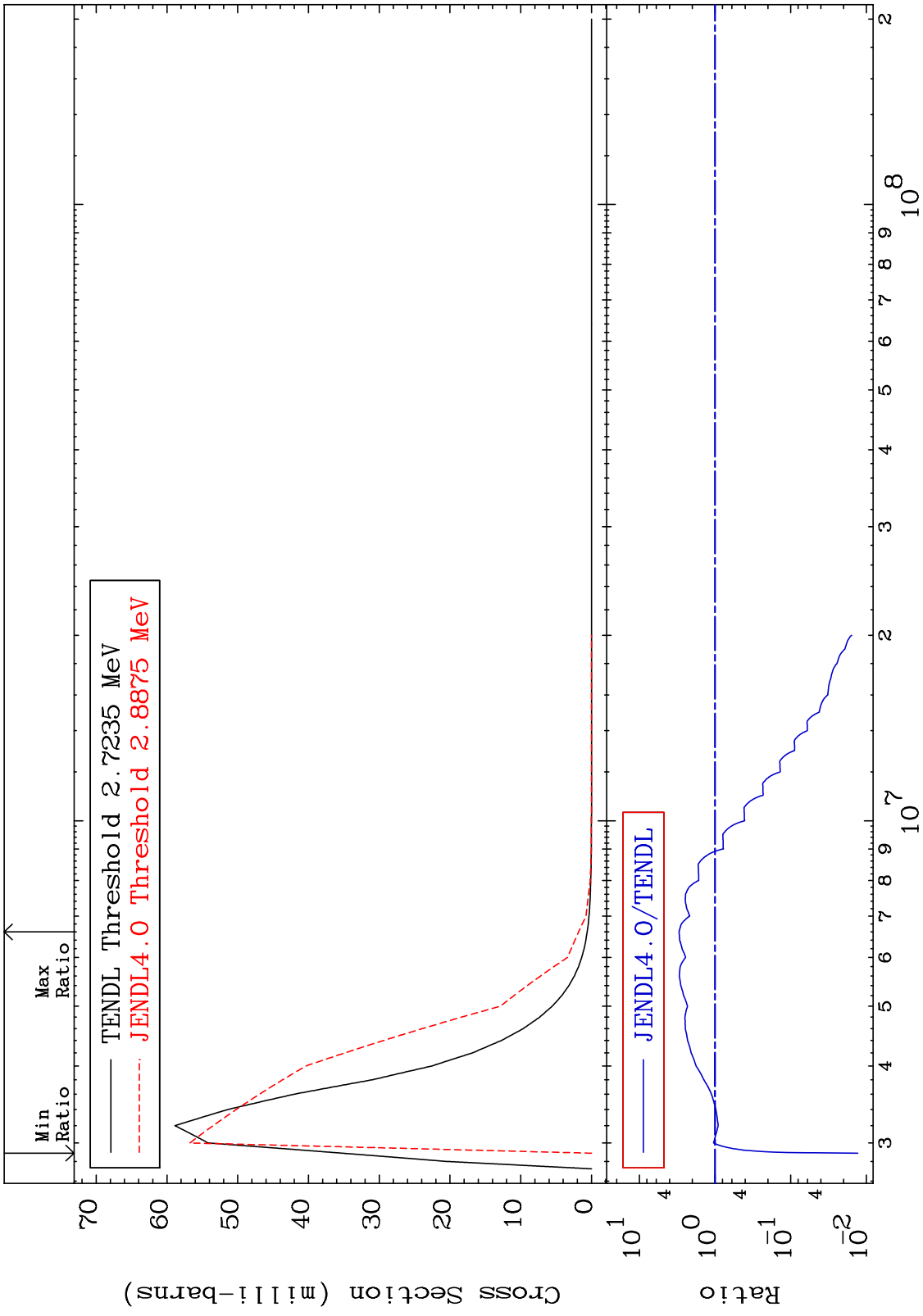
MAT 4043 MT= 55 (n,n') Level Cross Section 40-Zr-96  
 -99.76 To 365.0 %



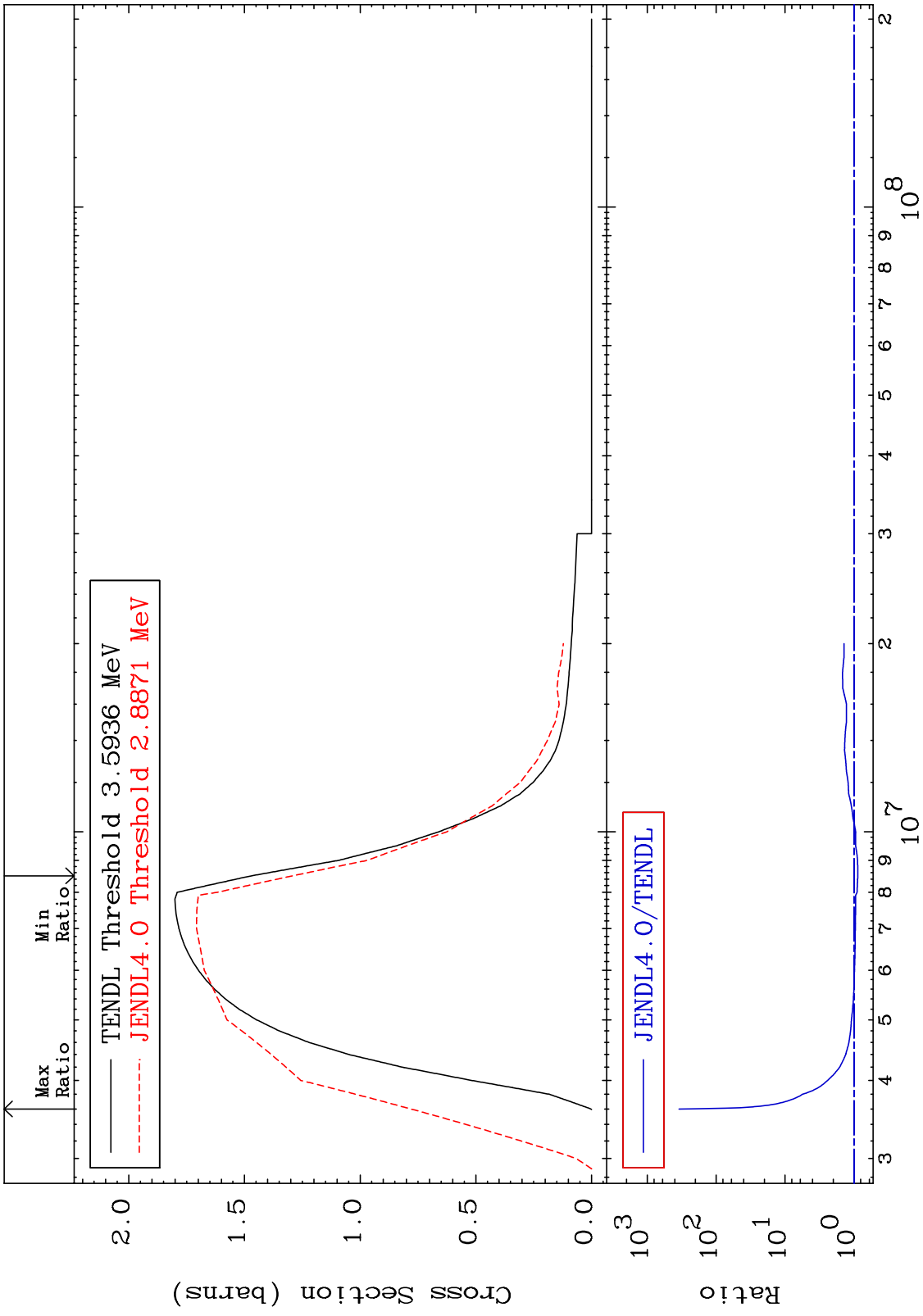
MAT 4043 MT= 56 (n,n') Level Cross Section -100.0 To 2057. % 40-Zr-96



MAT 4043 MT= 57 (n,n') Level Cross Section 40-Zr-96  
 -98.70 To 199.6 %



MAT 4043 (n,n') Continuum Cross Section -12.07 To 9999. % 40-Zr-96





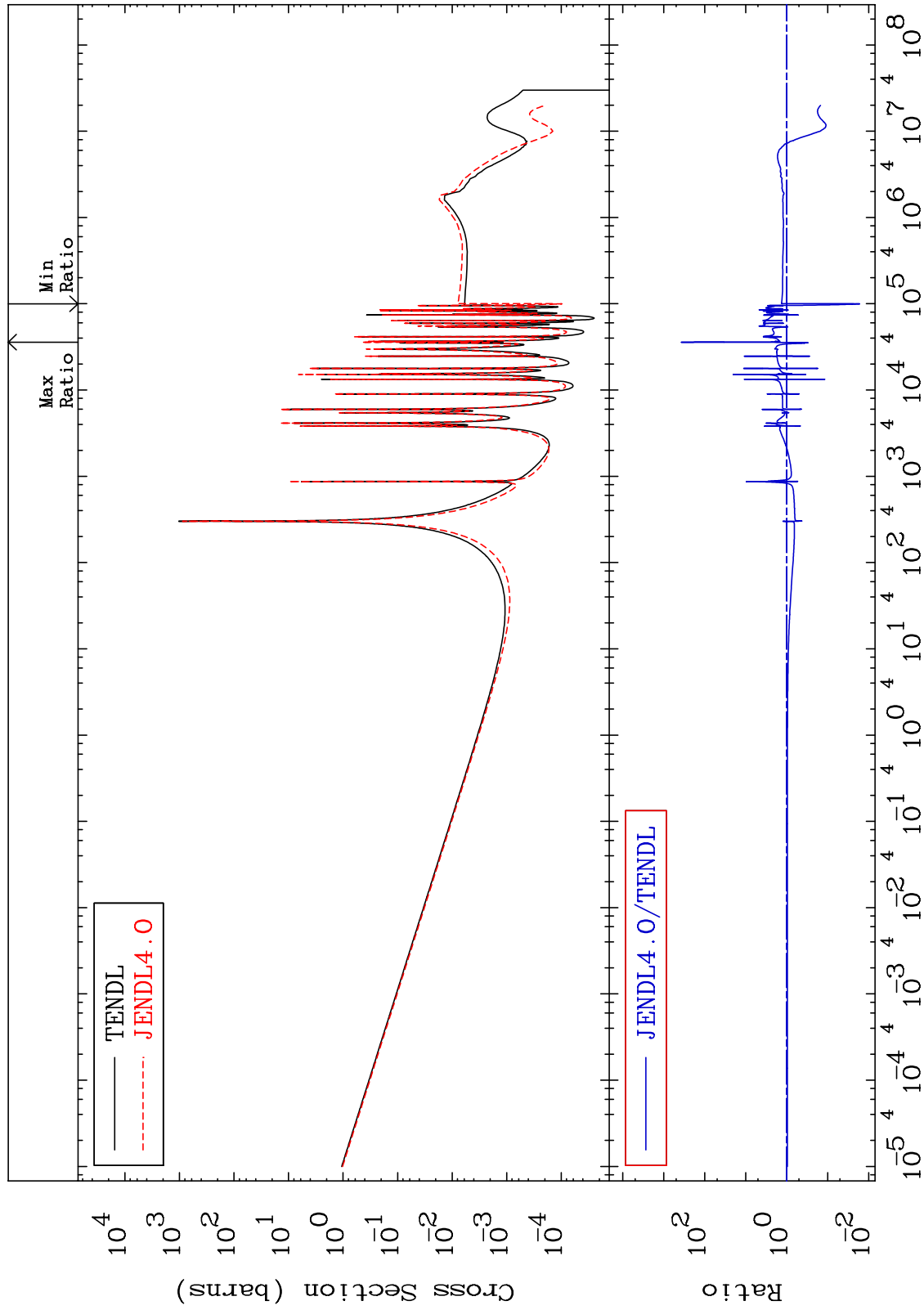
MAT 4043

(n,  $\gamma$ )

40-Zr-96

Cross Section

-98.36 To 9999. %

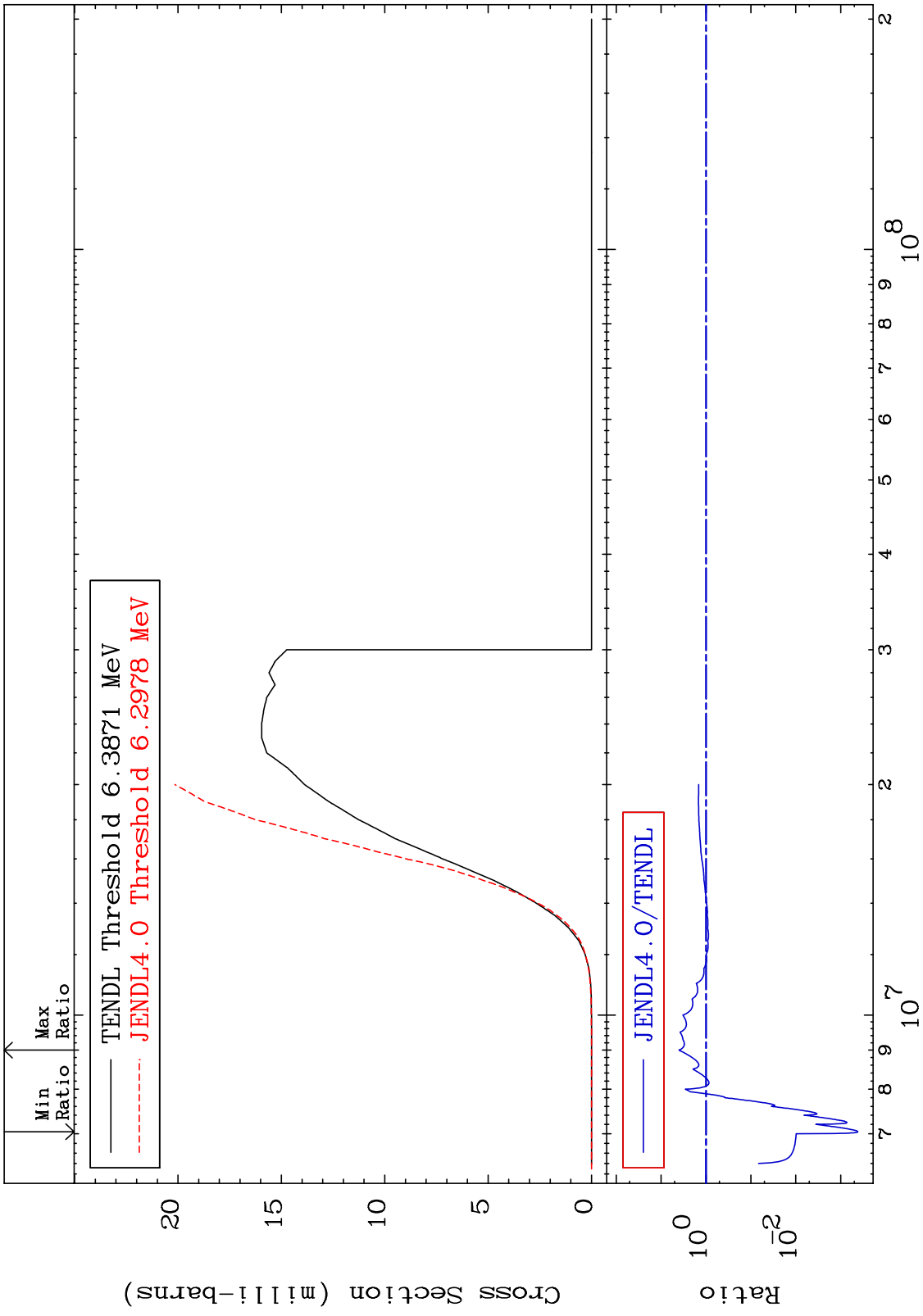


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Incident Energy (eV)

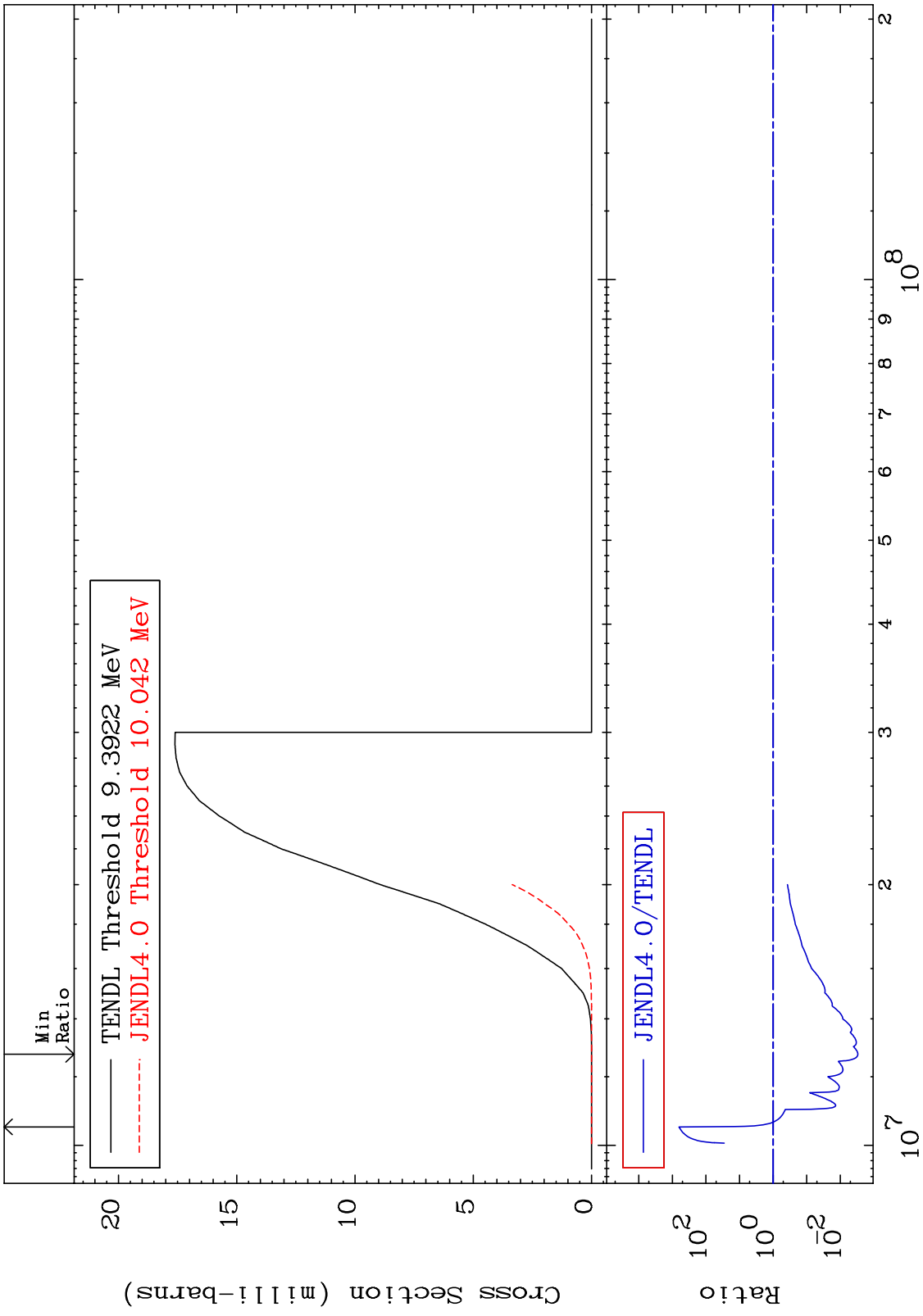
40-Zr-96

MAT 4043 (n,p) Cross Section 40-Zr-96 -99.96 To 297.9 %



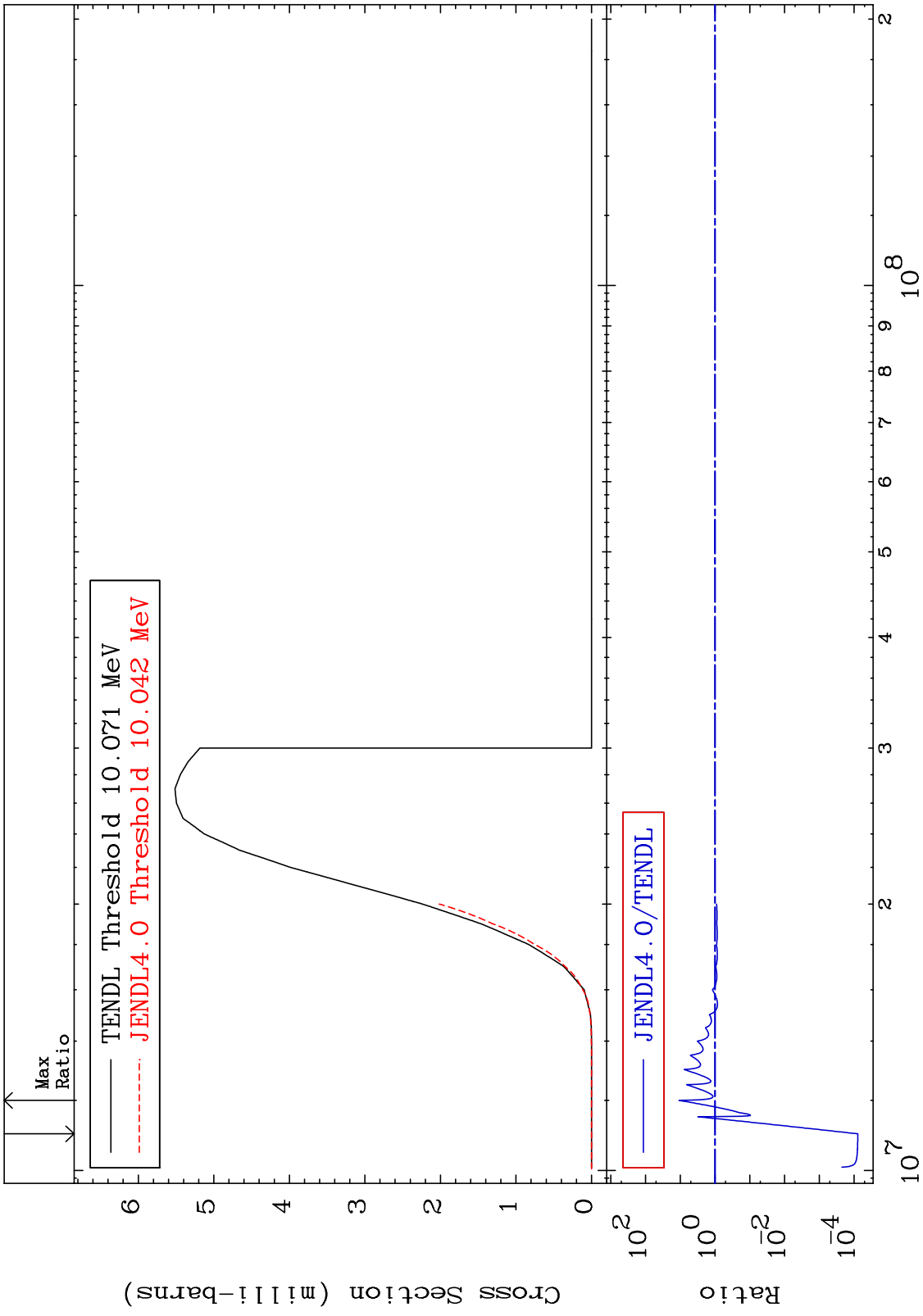
17 40-Zr-96 Incident Energy (eV)

MAT 4043 (n,d) Cross Section 40-Zr-96 -99.70 To 9999. %



40-Zr-96 Incident Energy (eV)

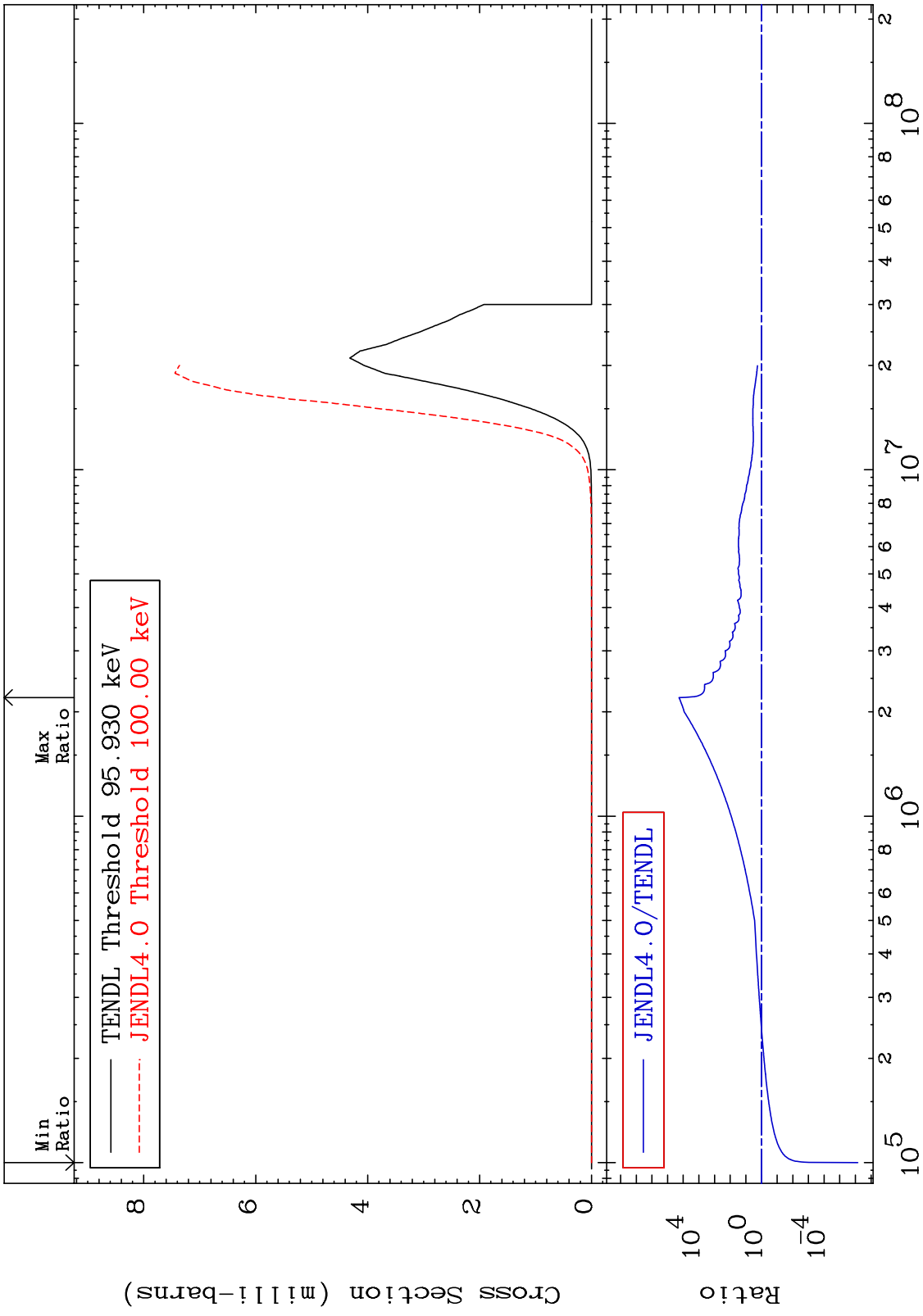
MAT 4043 (n,t) Cross Section 40-Zr-96 -99.99 To 983.5 %



19 40-Zr-96

MAT 4043 40-Zr-96  
-100.0 To 9999. %

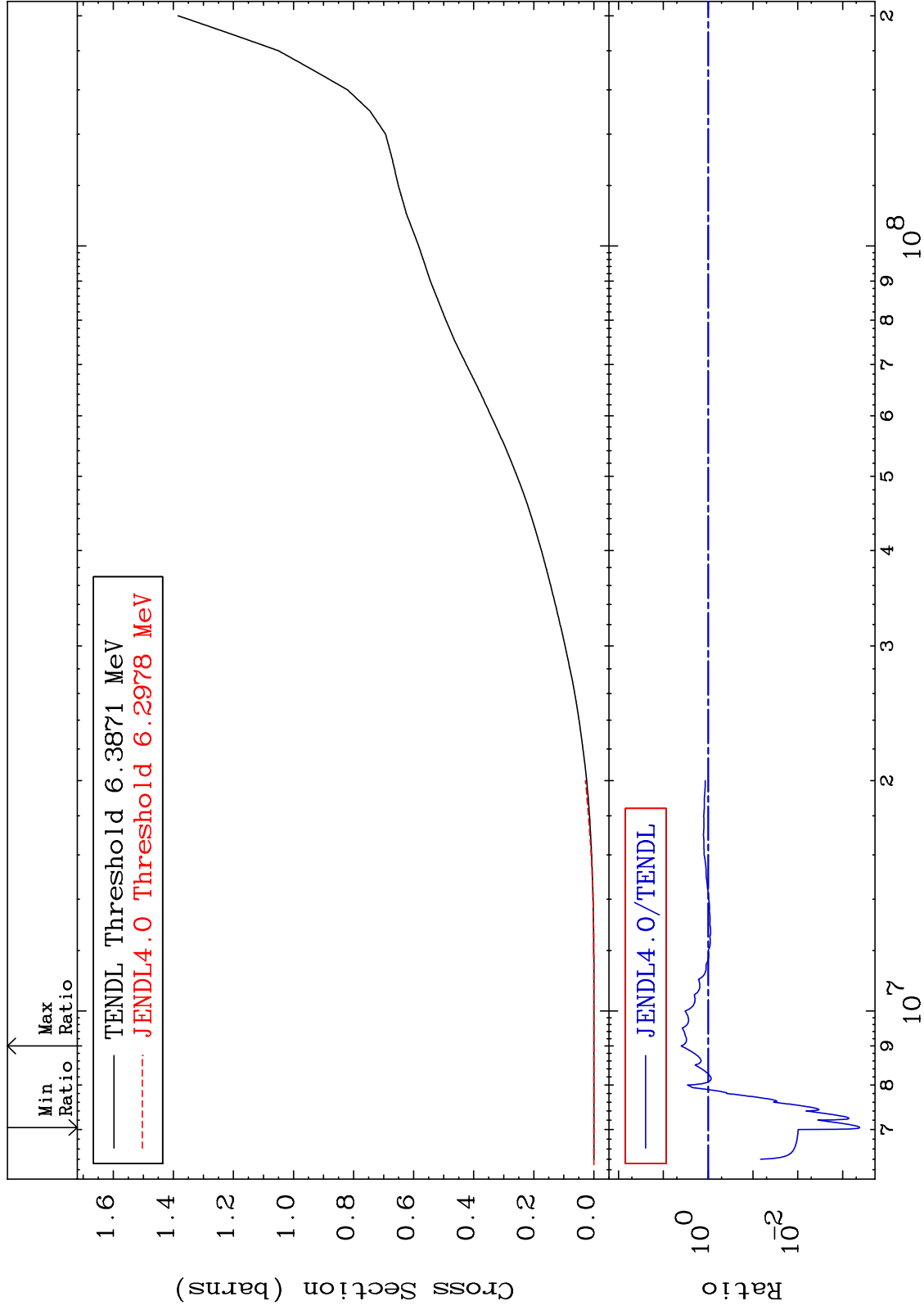
(n,α)  
Cross Section



MAT 4043

Hydrogen Production  
Cross Section

40-Zr-96  
-99.96 To 297.9 %



21

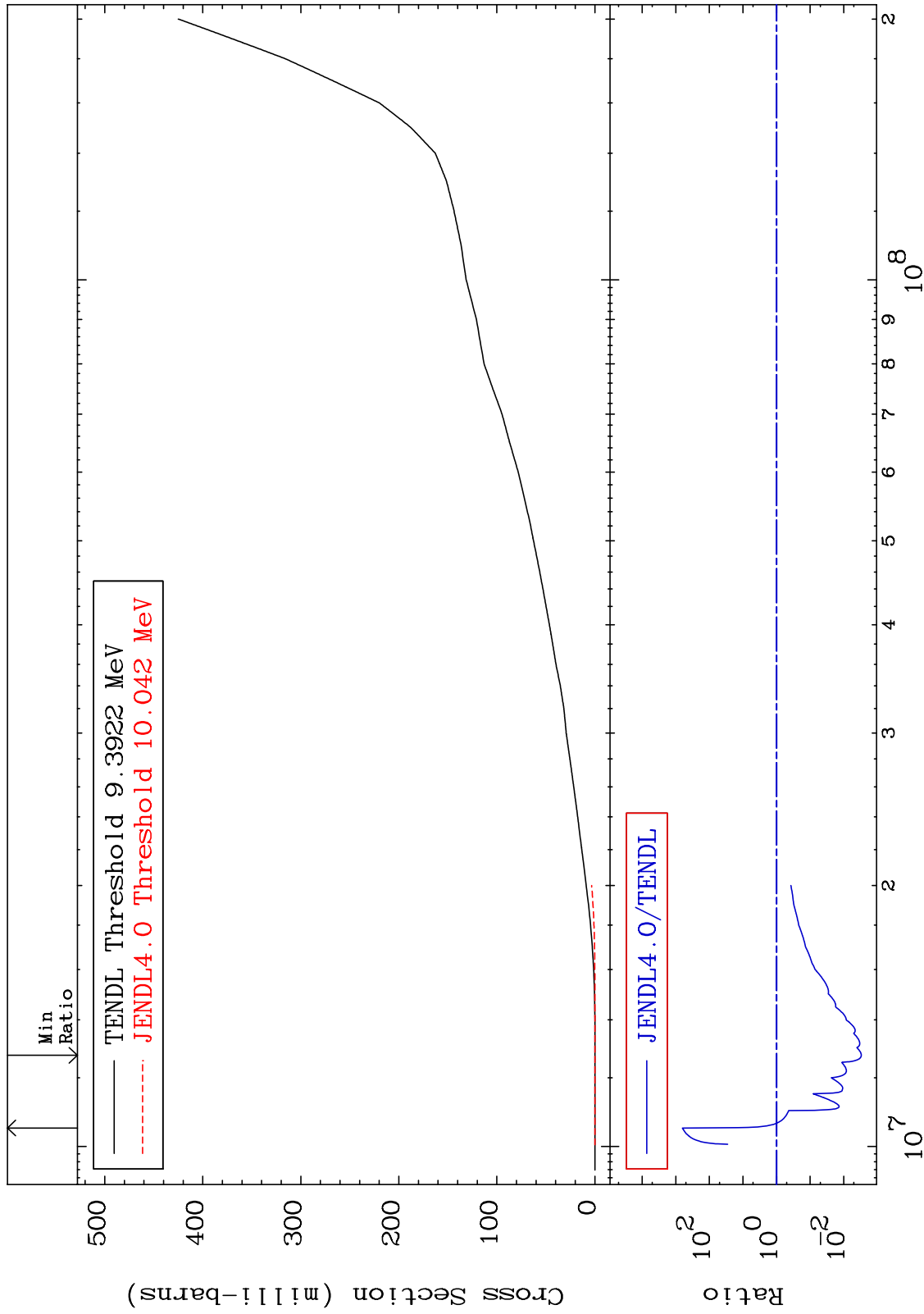
Incident Energy (eV)

40-Zr-96

MAT 4043

Deuterium Production  
Cross Section

40-Zr-96  
-99.70 To 9999. %

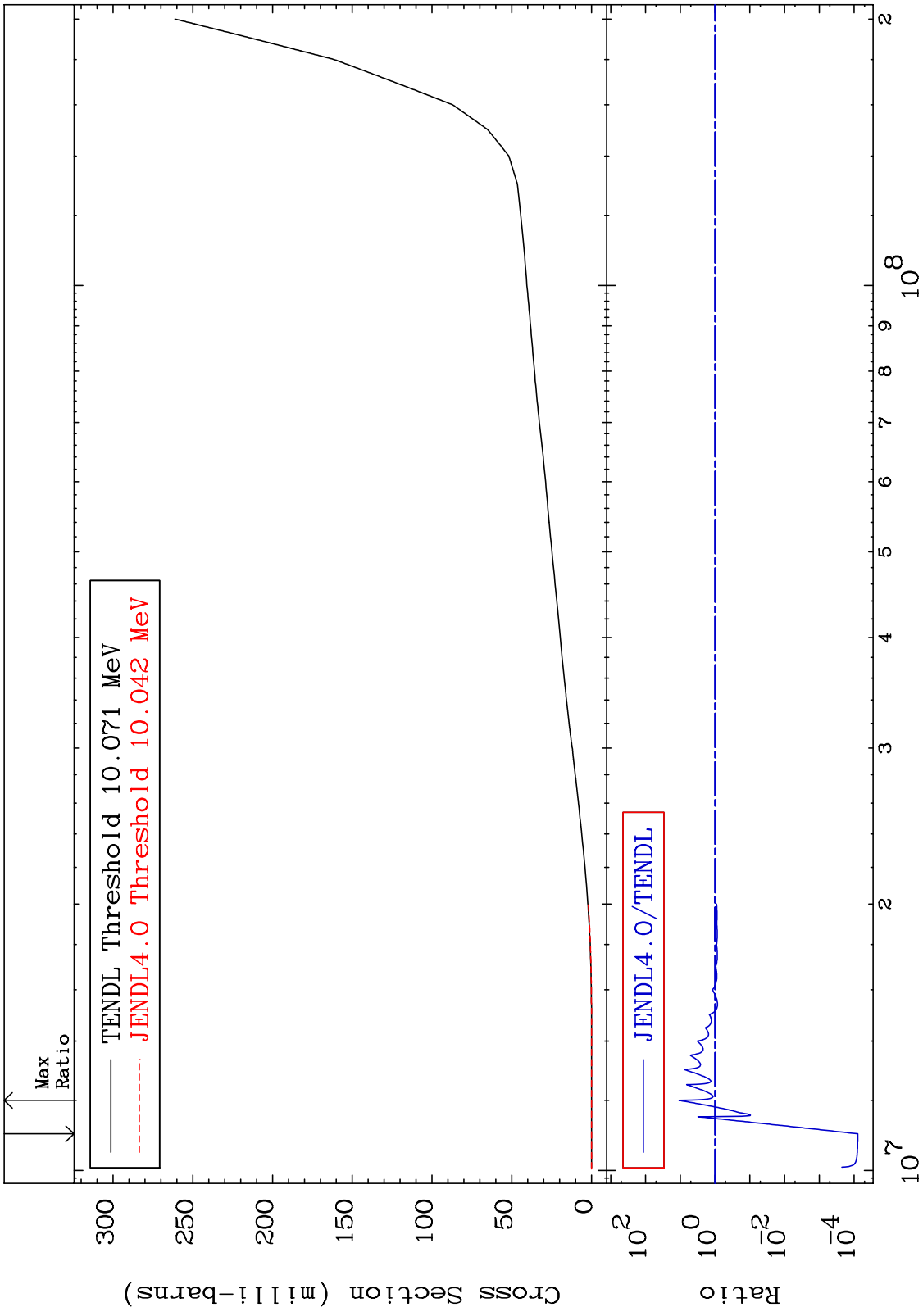


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Incident Energy (eV)

40-Zr-96

MAT 4043 Tritium Production Cross Section 40-Zr-96  
 -99.99 To 983.5 %



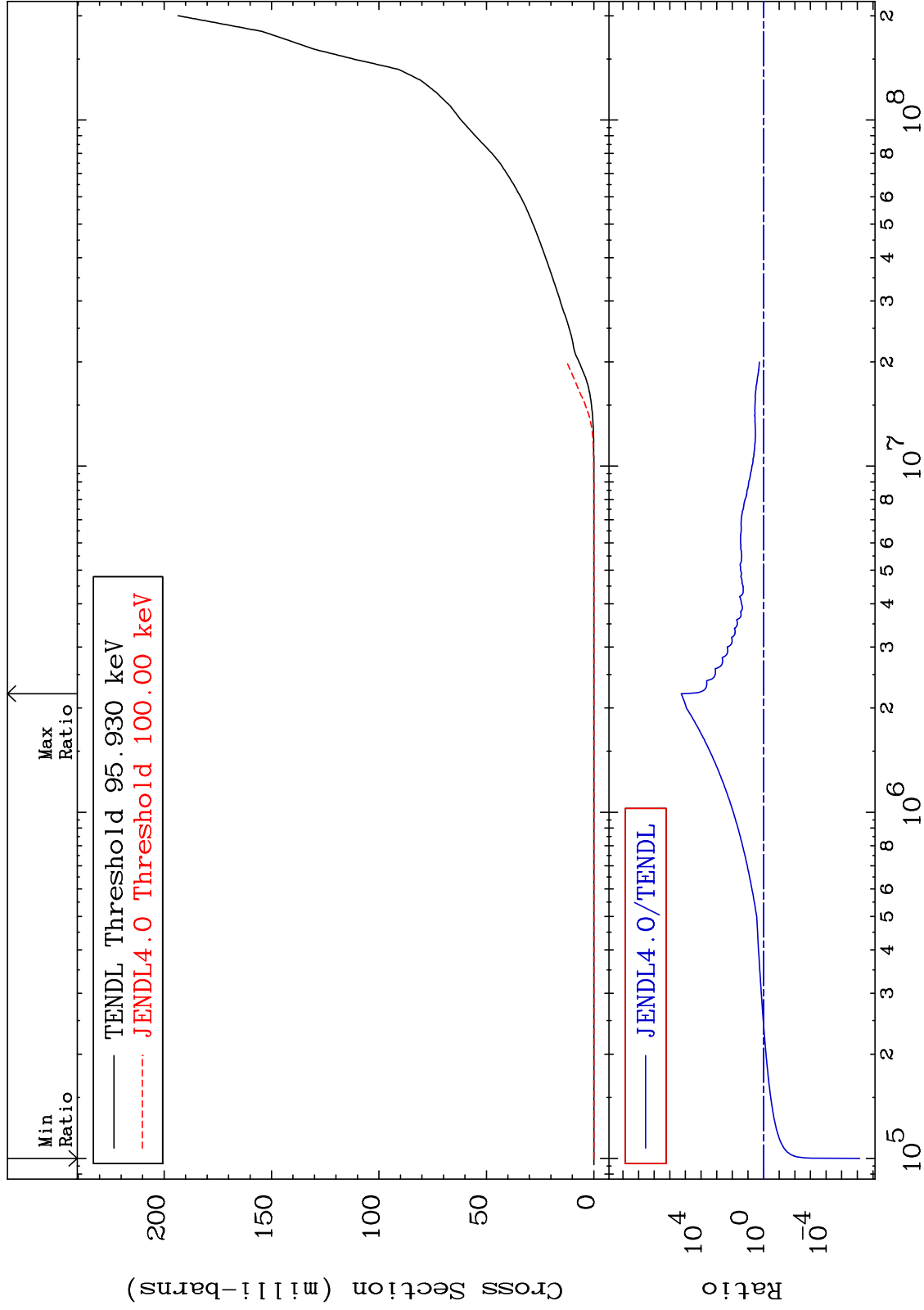
23 40-Zr-96



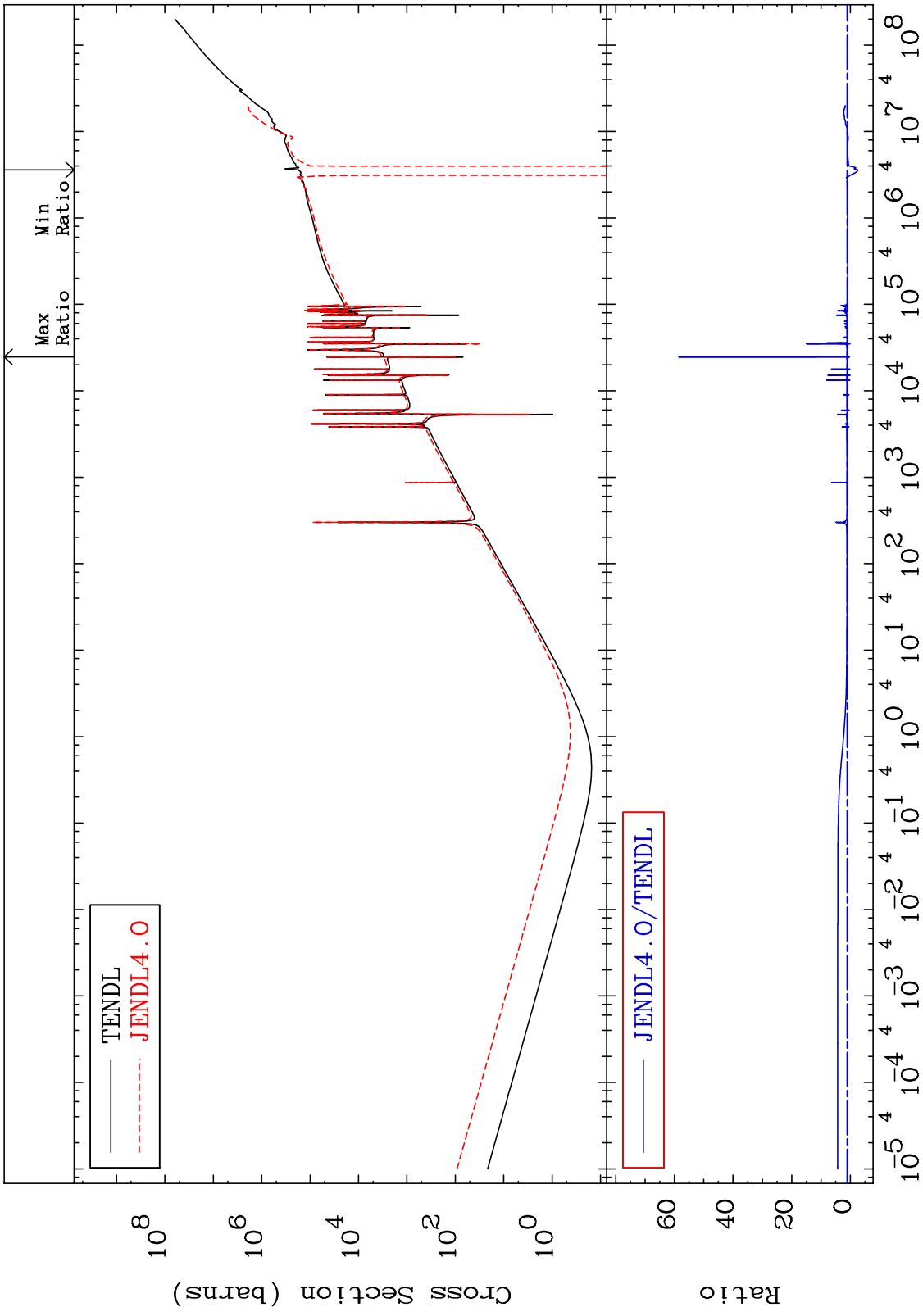
MAT 4043

He-4 Production  
Cross Section

40-Zr-96  
-100.0 To 9999. %



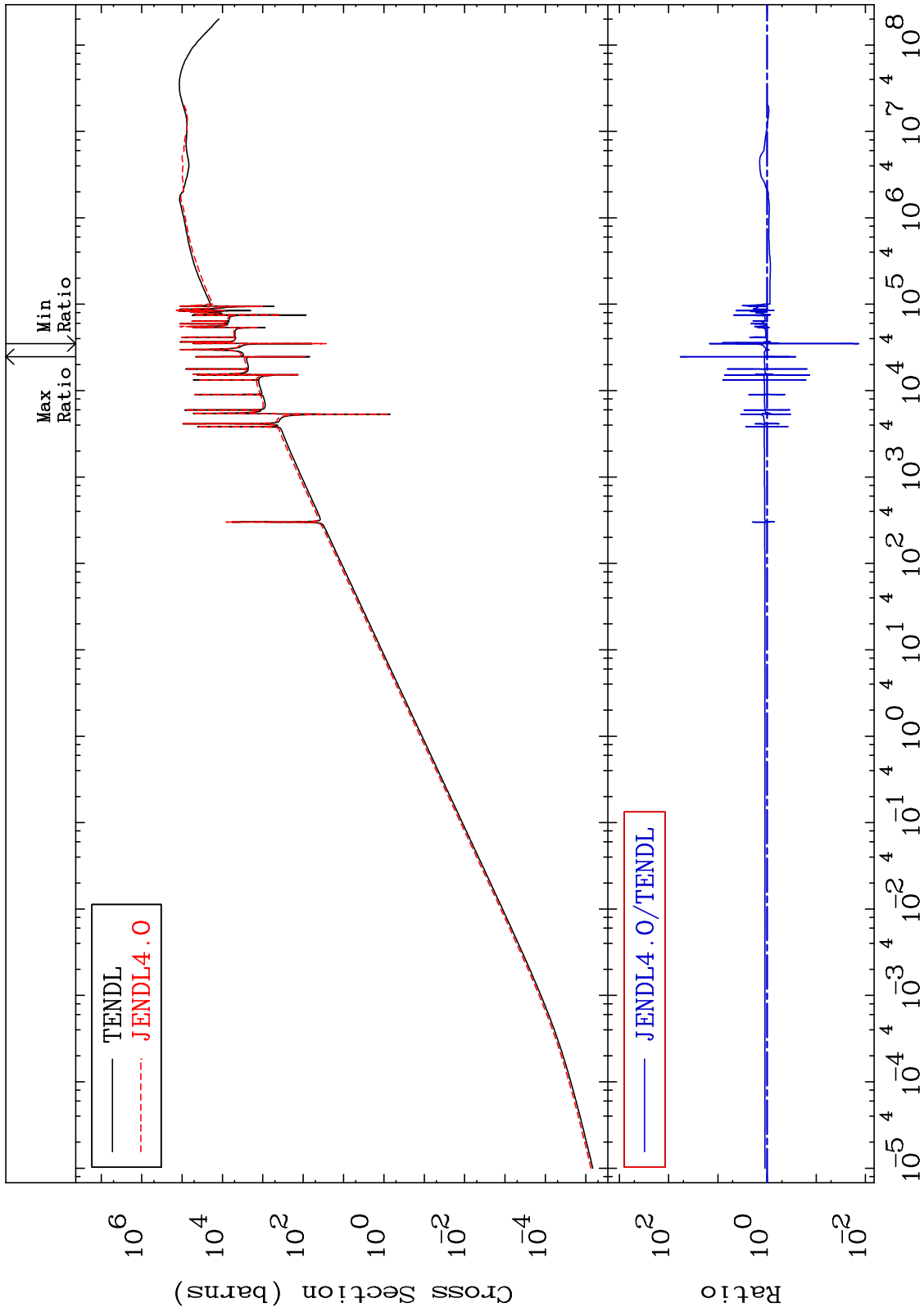
MAT 4043      Kerma total (eV-barns)  
 Cross Section      40-Zr-96  
 -357.2 To 5744. %



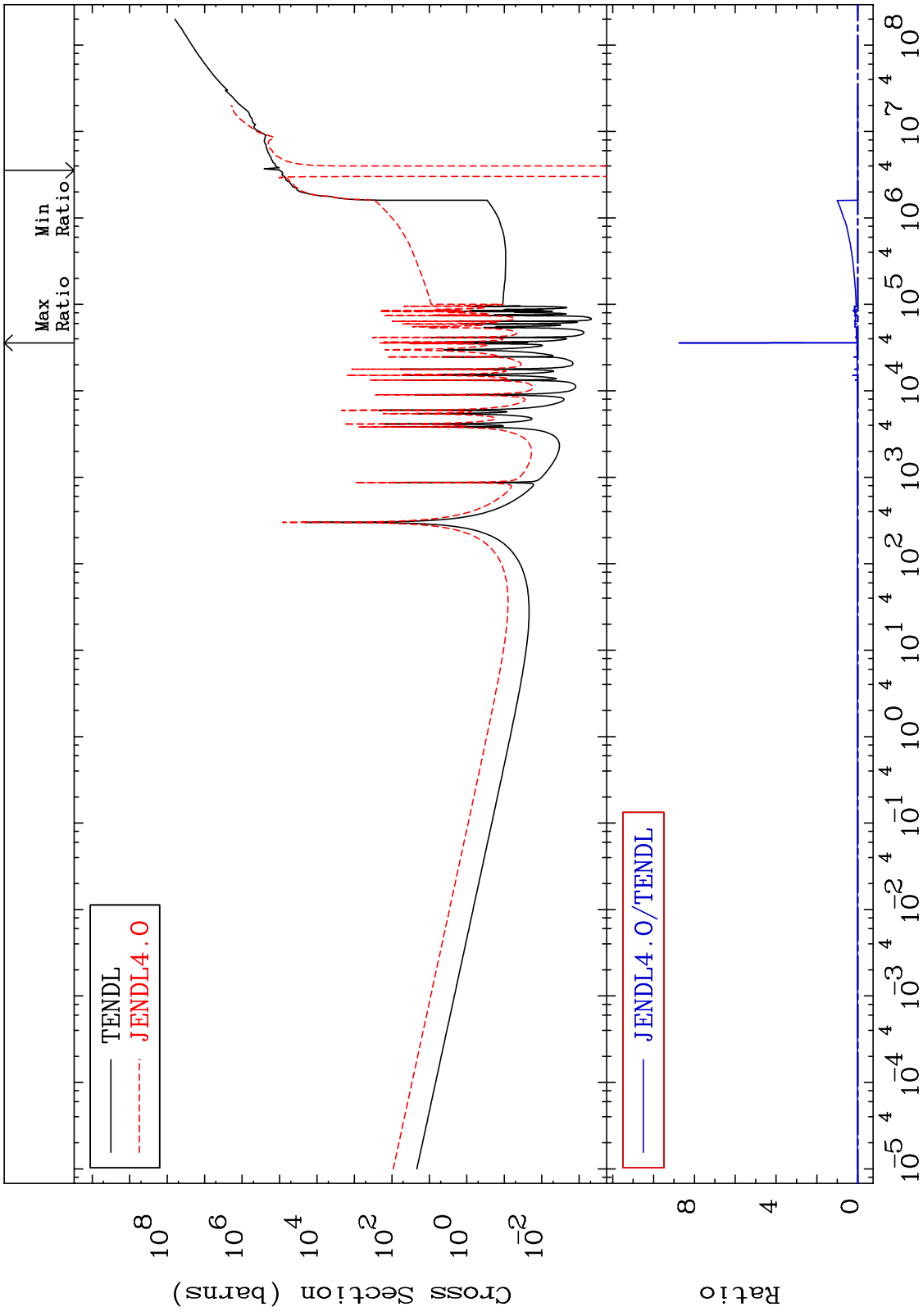
MAT 4043

Kerma elastic  
Cross Section

40-Zr-96  
-98.64 To 5716. %



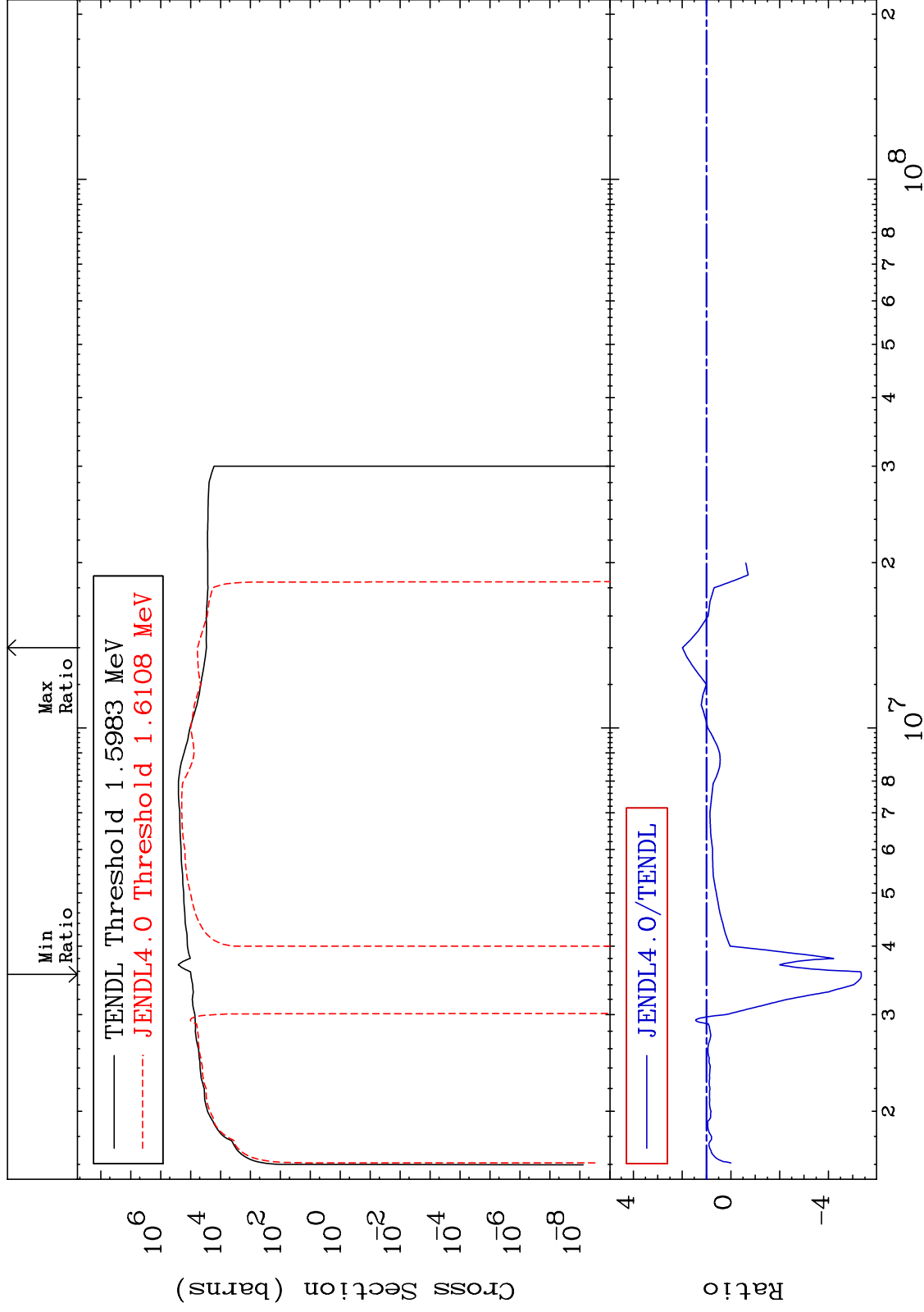
MAT 4043      Kerma non-elastic (all but mt2)      40-Zr-96  
 Cross Section      -635.0 To 9999. %



MAT 4043

Kerma inelastic (mt51-91)  
Cross Section

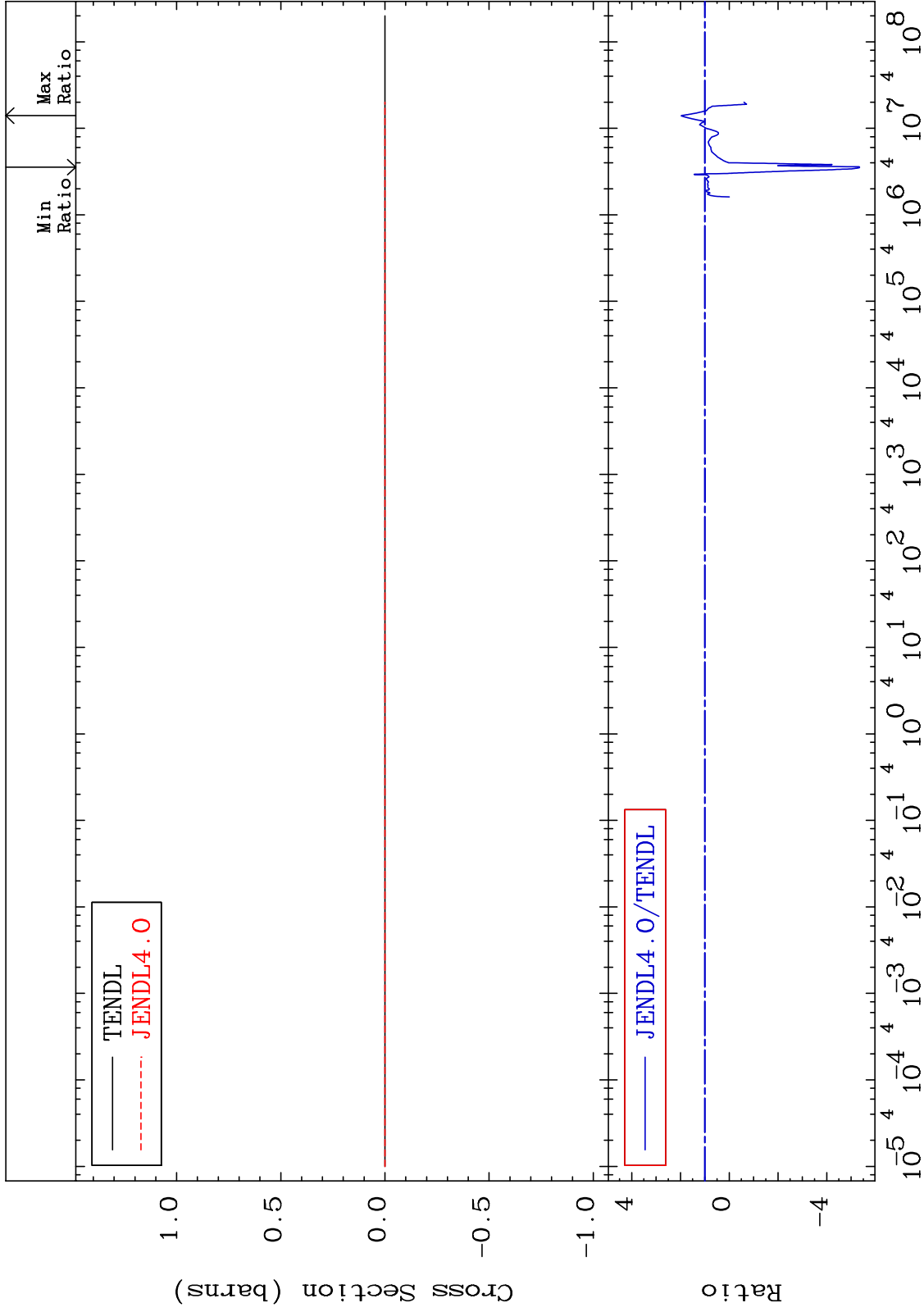
40-Zr-96  
-635.1 To 98.41 %



MAT 4043

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

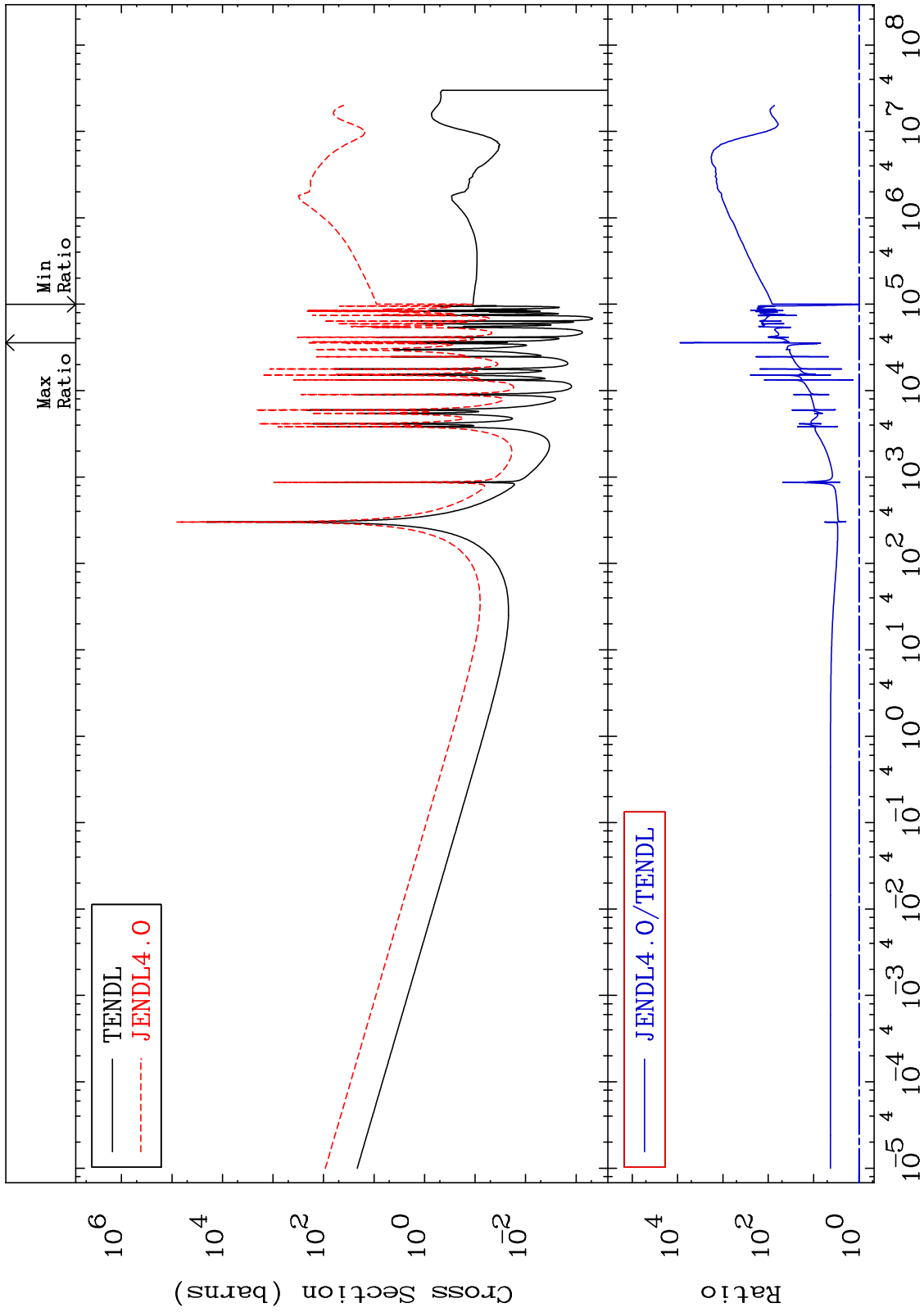
40-Zr-96  
-635.1 To 98.41 %



MAT 4043

Kerma capture (mt102)  
Cross Section

40-Zr-96  
0.383 To 9999. %

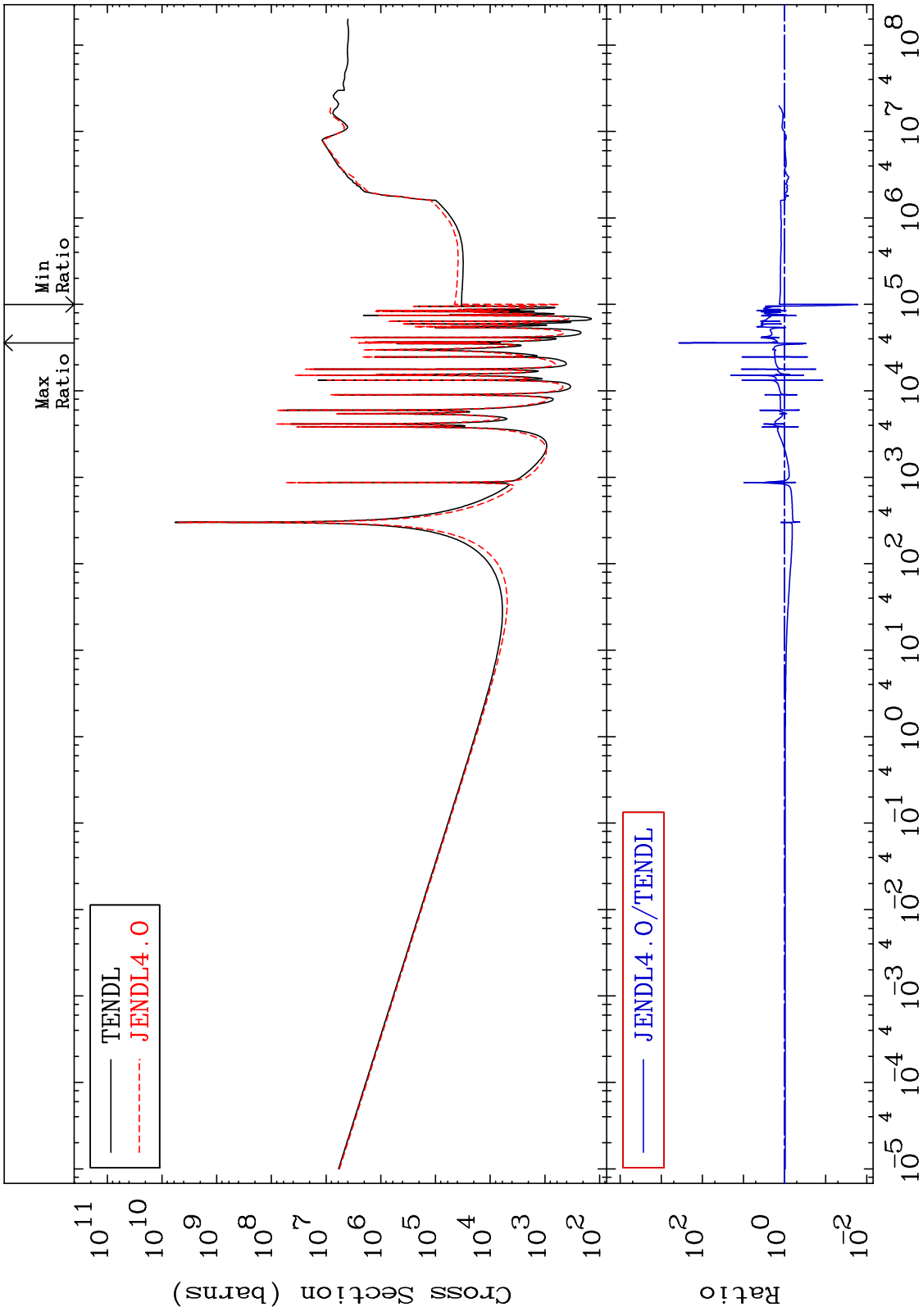


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Incident Energy (eV)

40-Zr-96

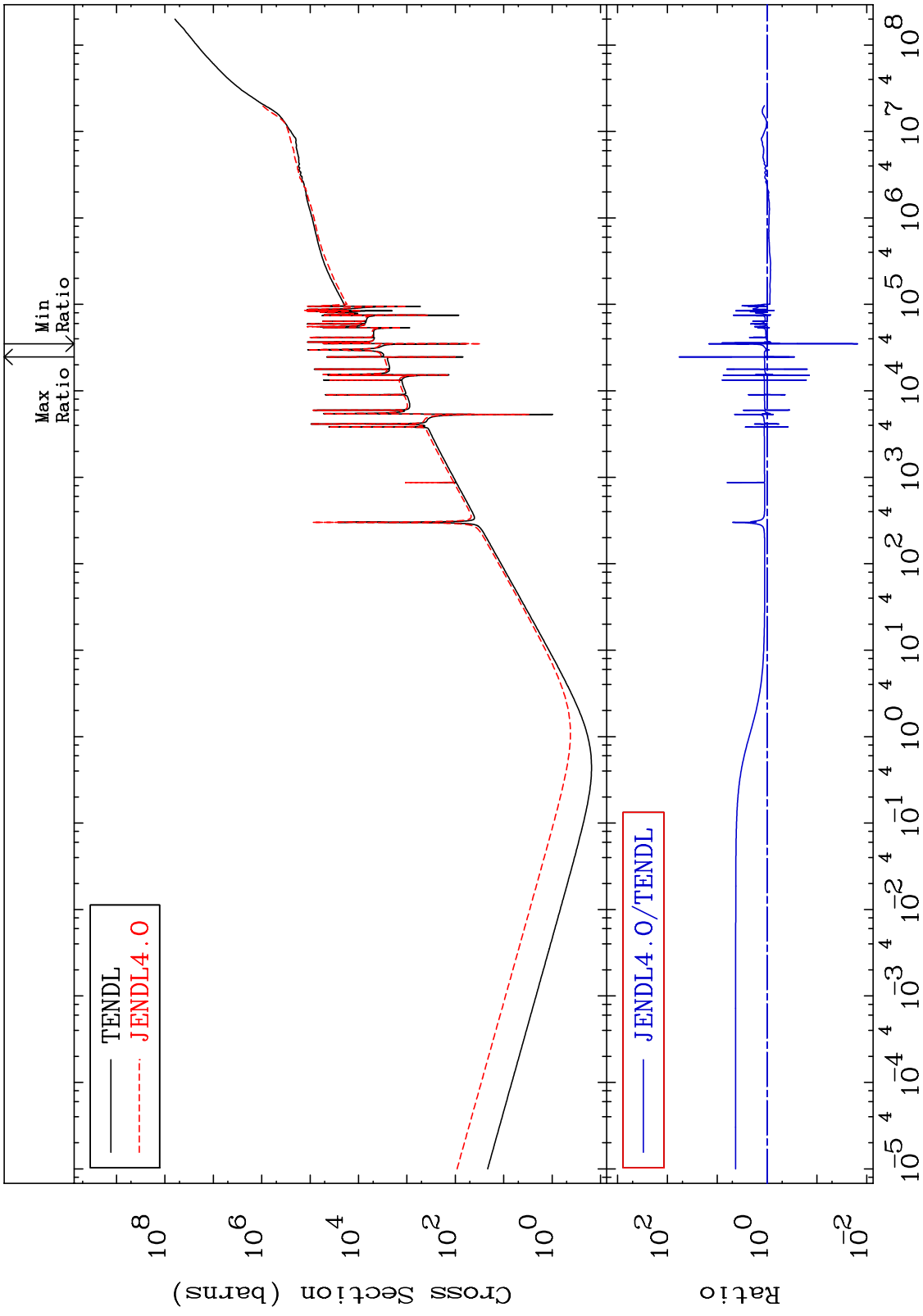
MAT 4043 40-Zr-96  
 Total photon (eV-barns)  
 Cross Section -98.36 To 9999. %



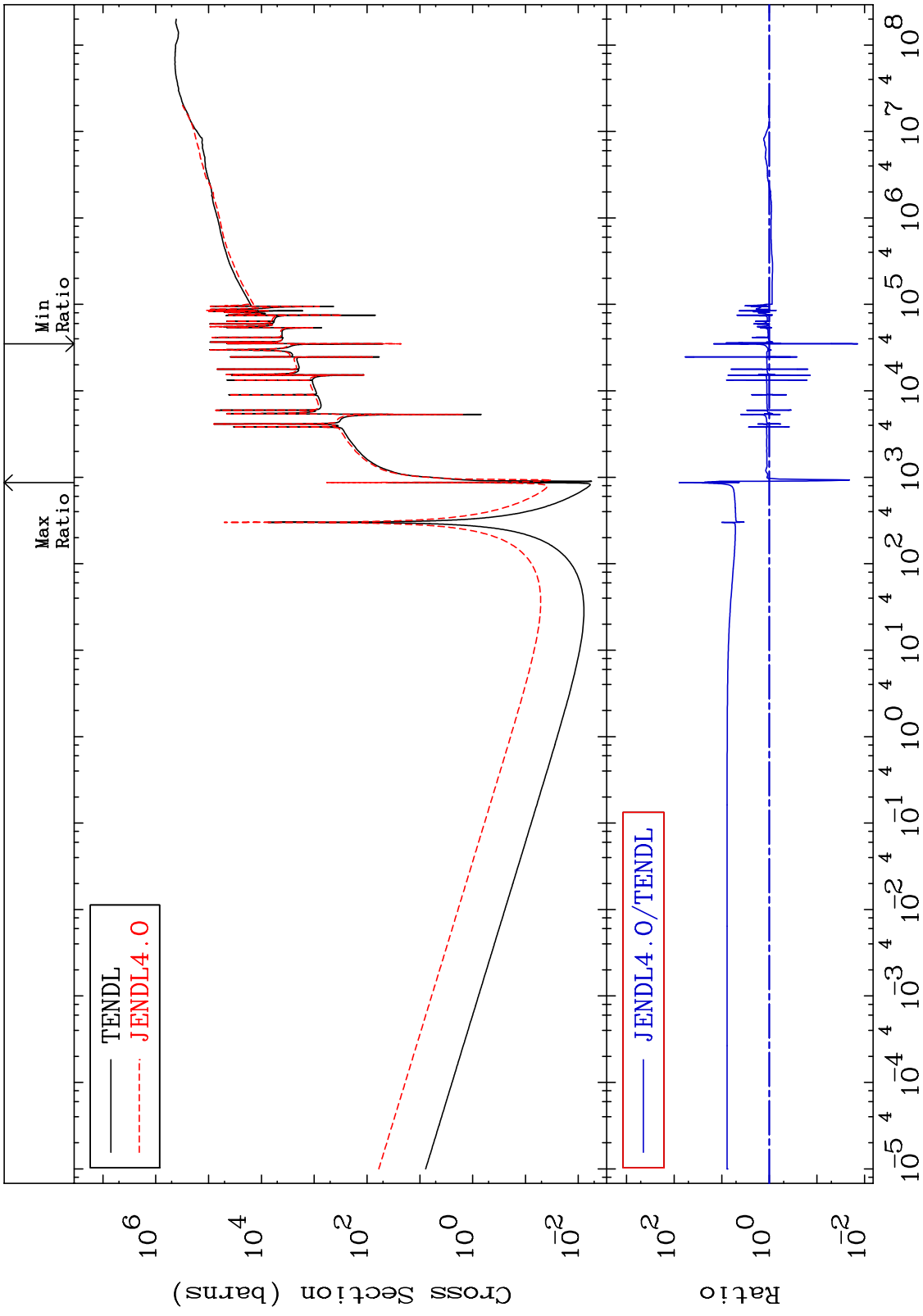
31 40-Zr-96



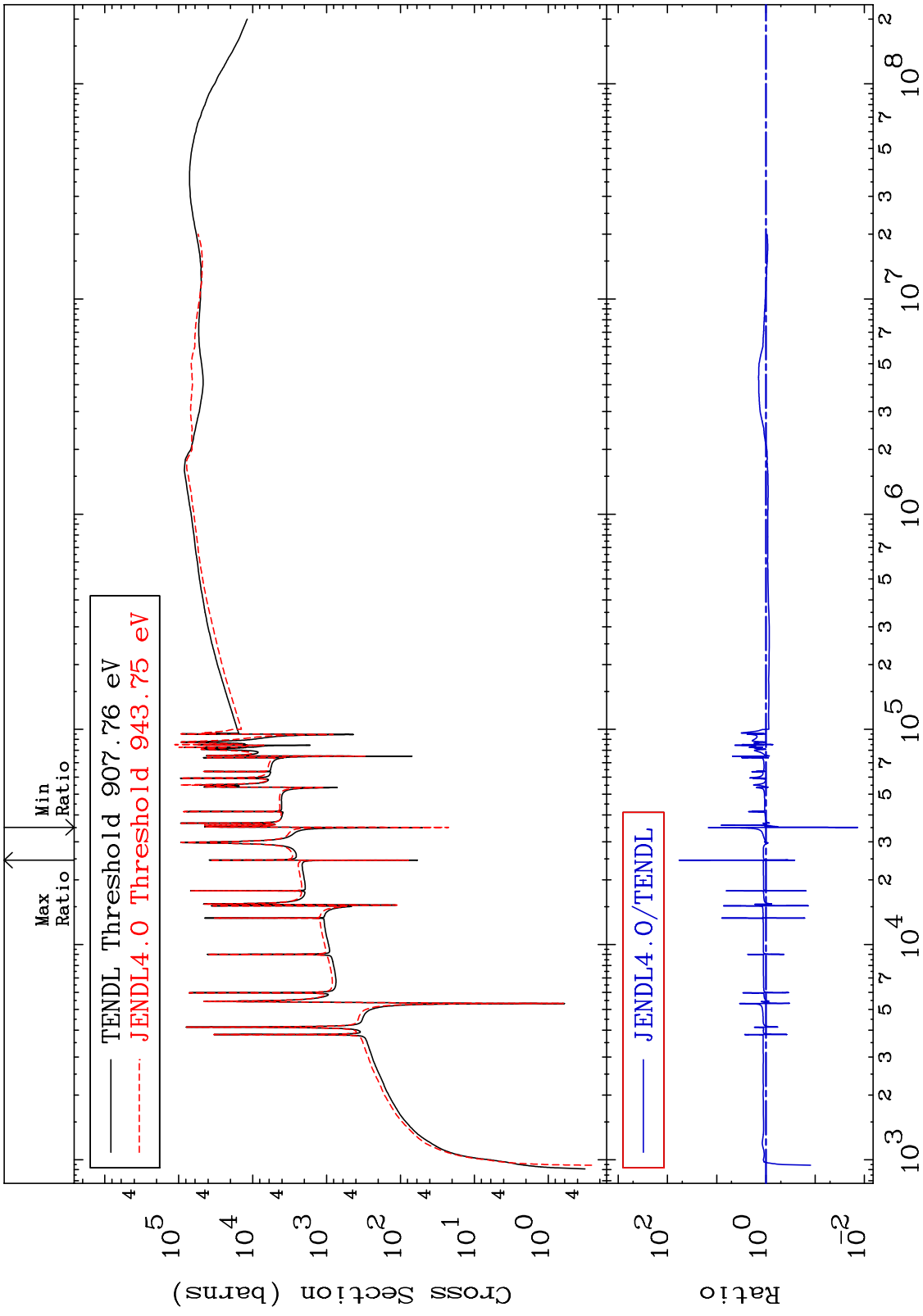
MAT 4043 Total kinematic kerma (high limit) 40-Zr-96  
 Cross Section -98.48 To 5744. %



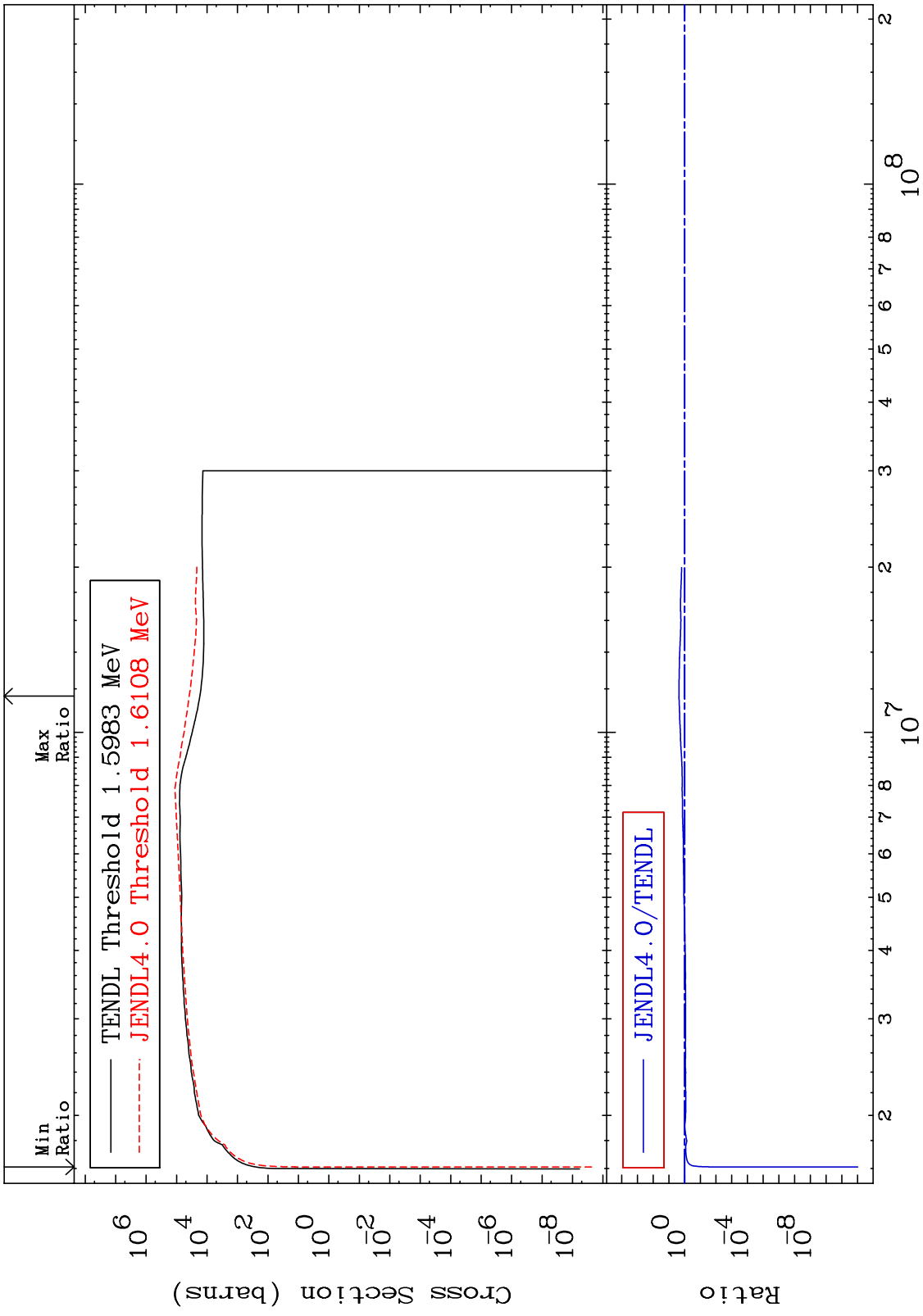
MAT 4043      Dpa total (eV-barns)      40-Zr-96  
 -98.62 To 7771. %



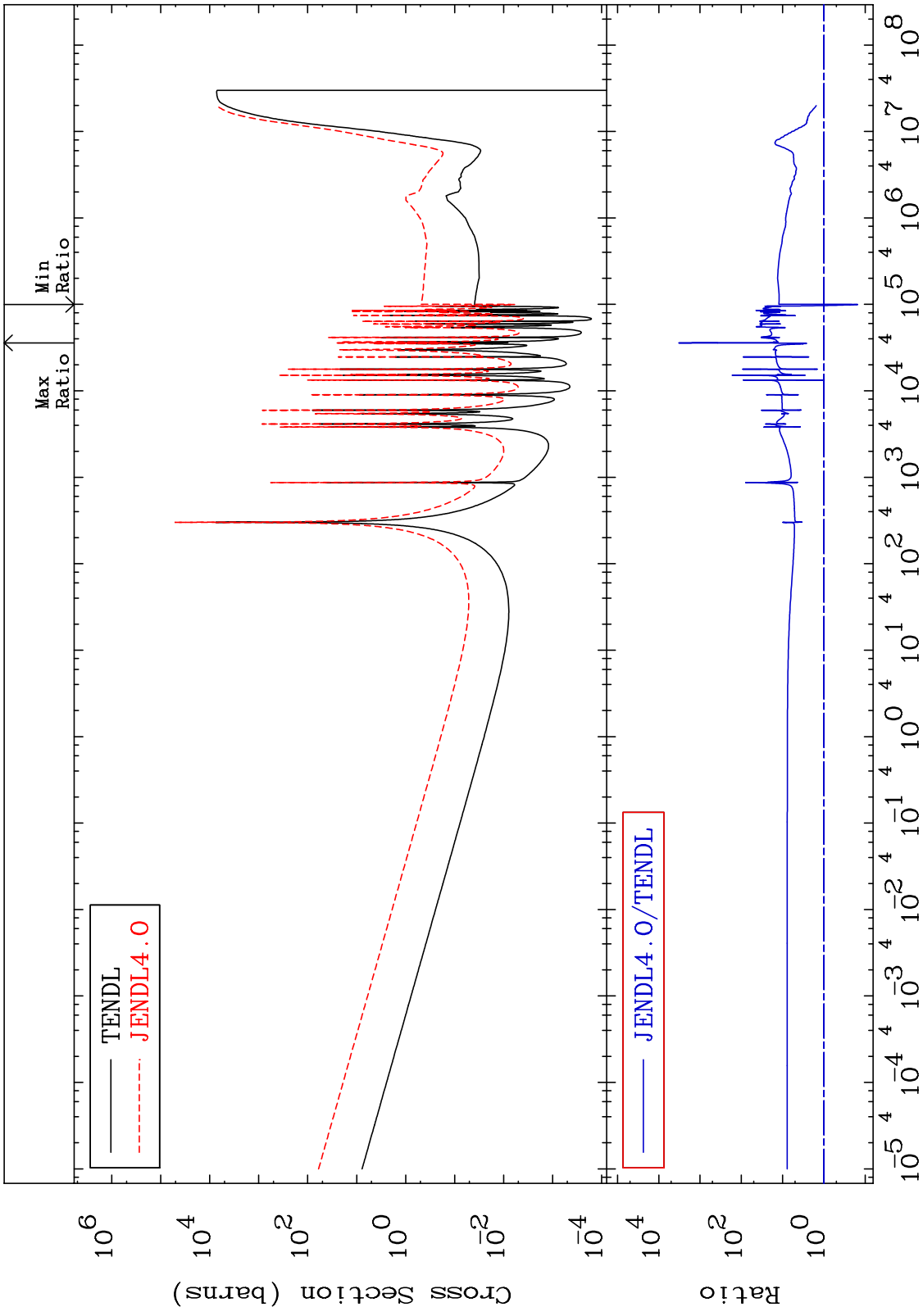
MAT 4043 40-Zr-96  
 Dpa elastic (mt2) -98.64 To 5717. %  
 Cross Section



MAT 4043      Dpa inelastic (mt51-91)      40-Zr-96  
 Cross Section      -100.0 To 124.5 %



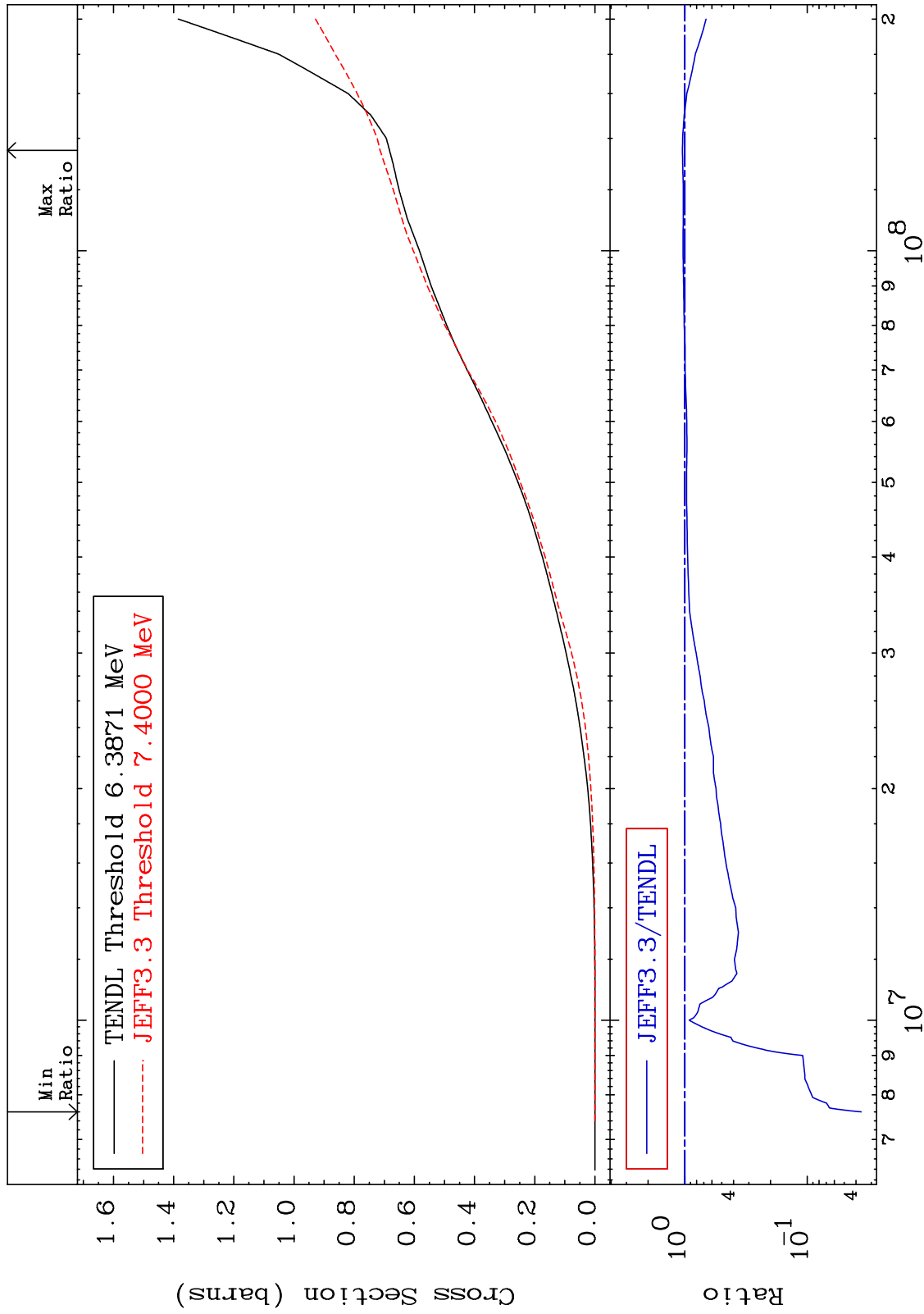
MAT 4043      Dpa disappearance (mt102 -120)      40-Zr-96  
 Cross Section      -84.94 To 9999. %



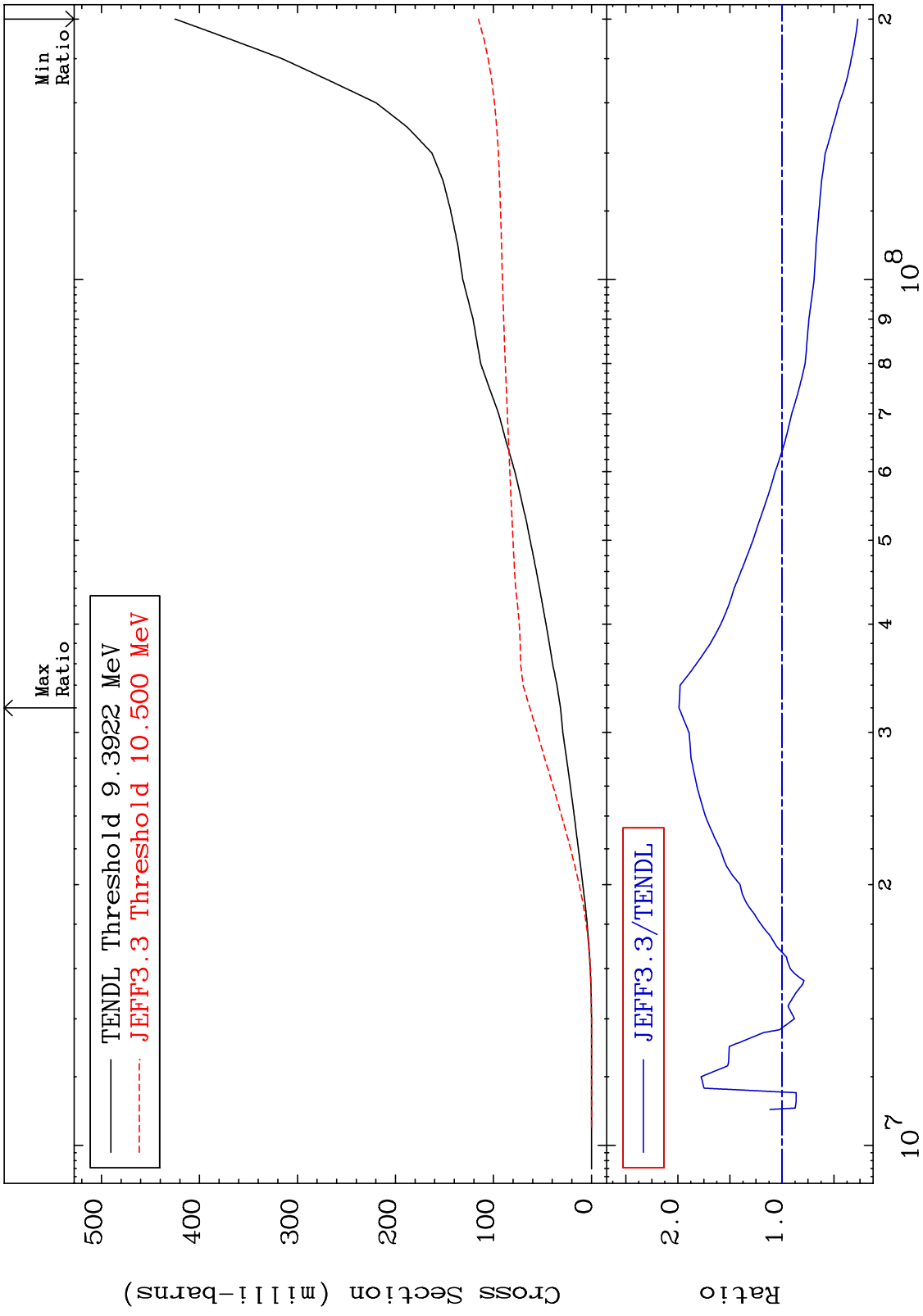
MAT 4043

Hydrogen Production  
Cross Section

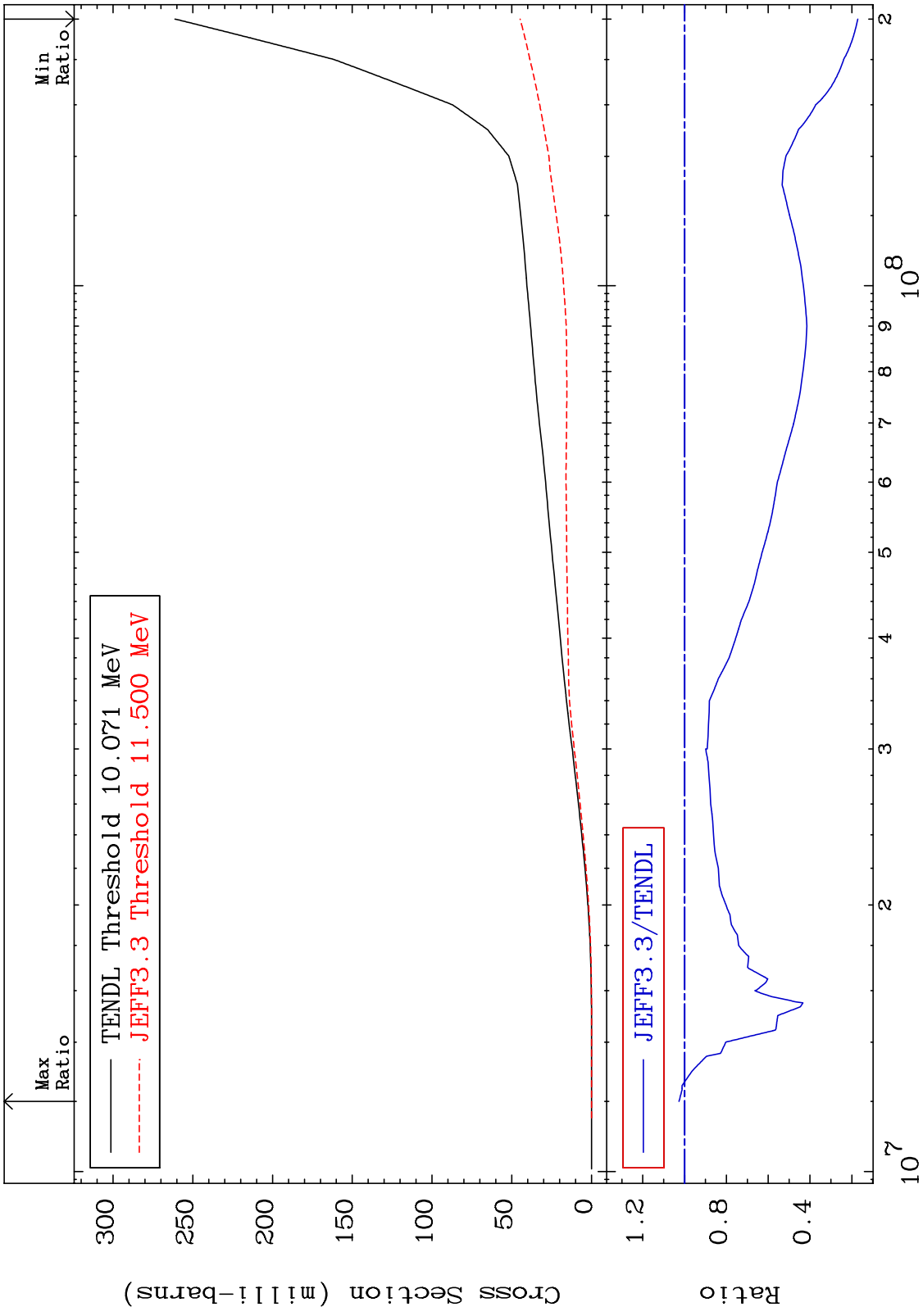
40-Zr-96  
-96.38 To 4.599 %



MAT 4043 Deuterium Production Cross Section 40-Zr-96 -72.86 To 98.84 %



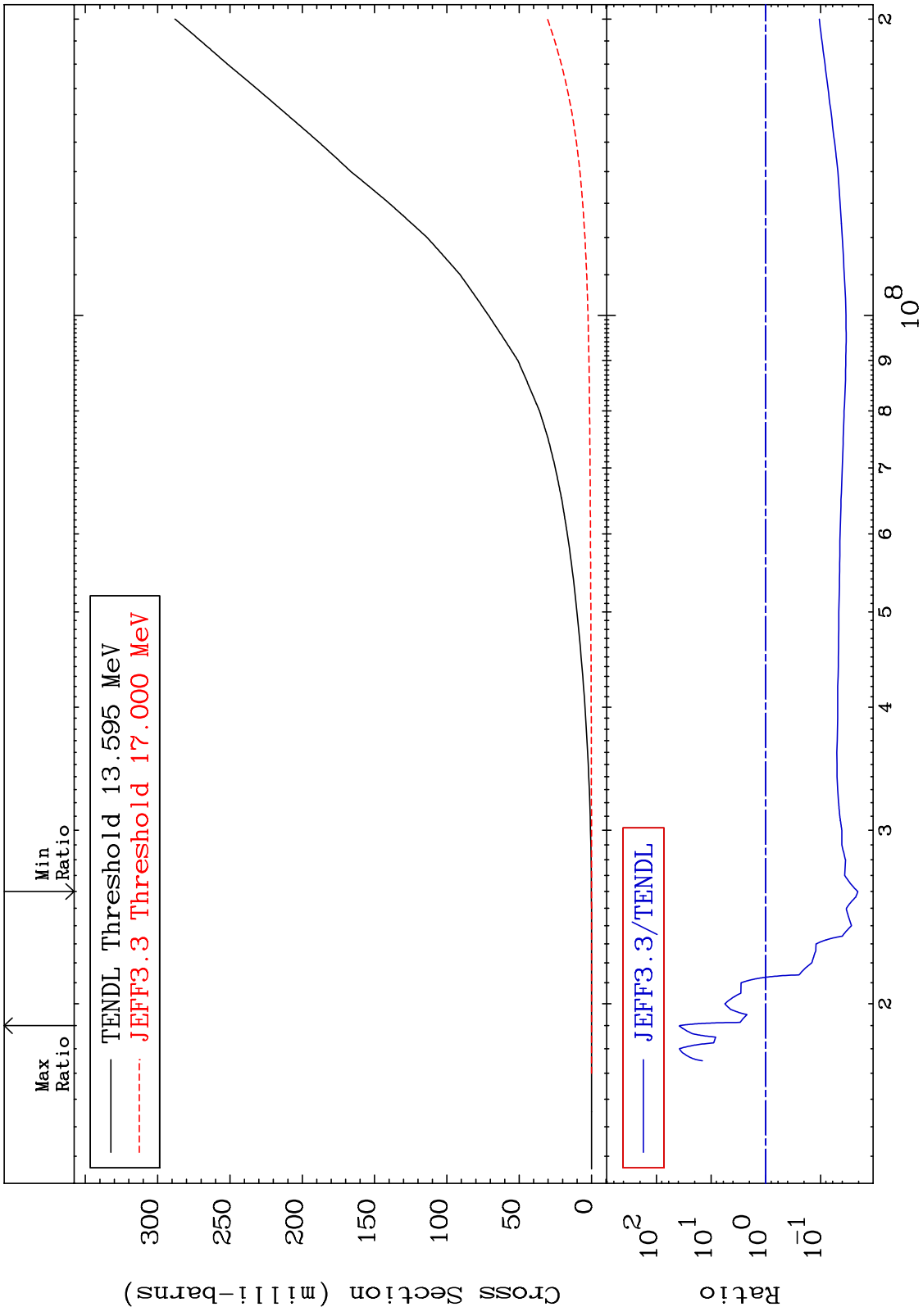
MAT 4043 Tritium Production Cross Section 40-Zr-96 -82.87 To 2.649 %



39 40-Zr-96



MAT 4043 He-3 Production Cross Section 40-Zr-96  
 -97.92 To 3766. %

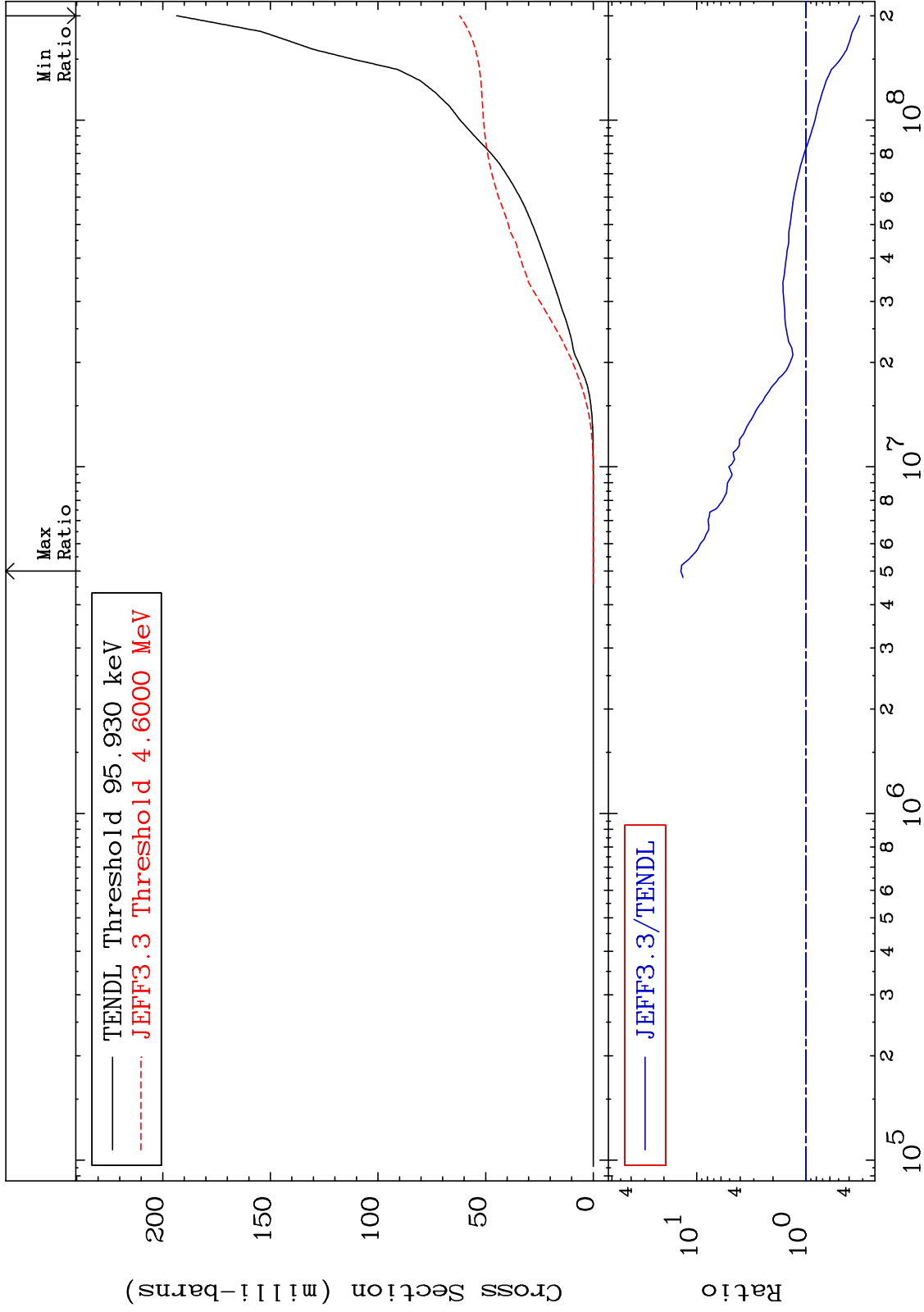


40 40-Zr-96

MAT 4043

He-4 Production  
Cross Section

40-Zr-96  
-67.95 To 1301. %

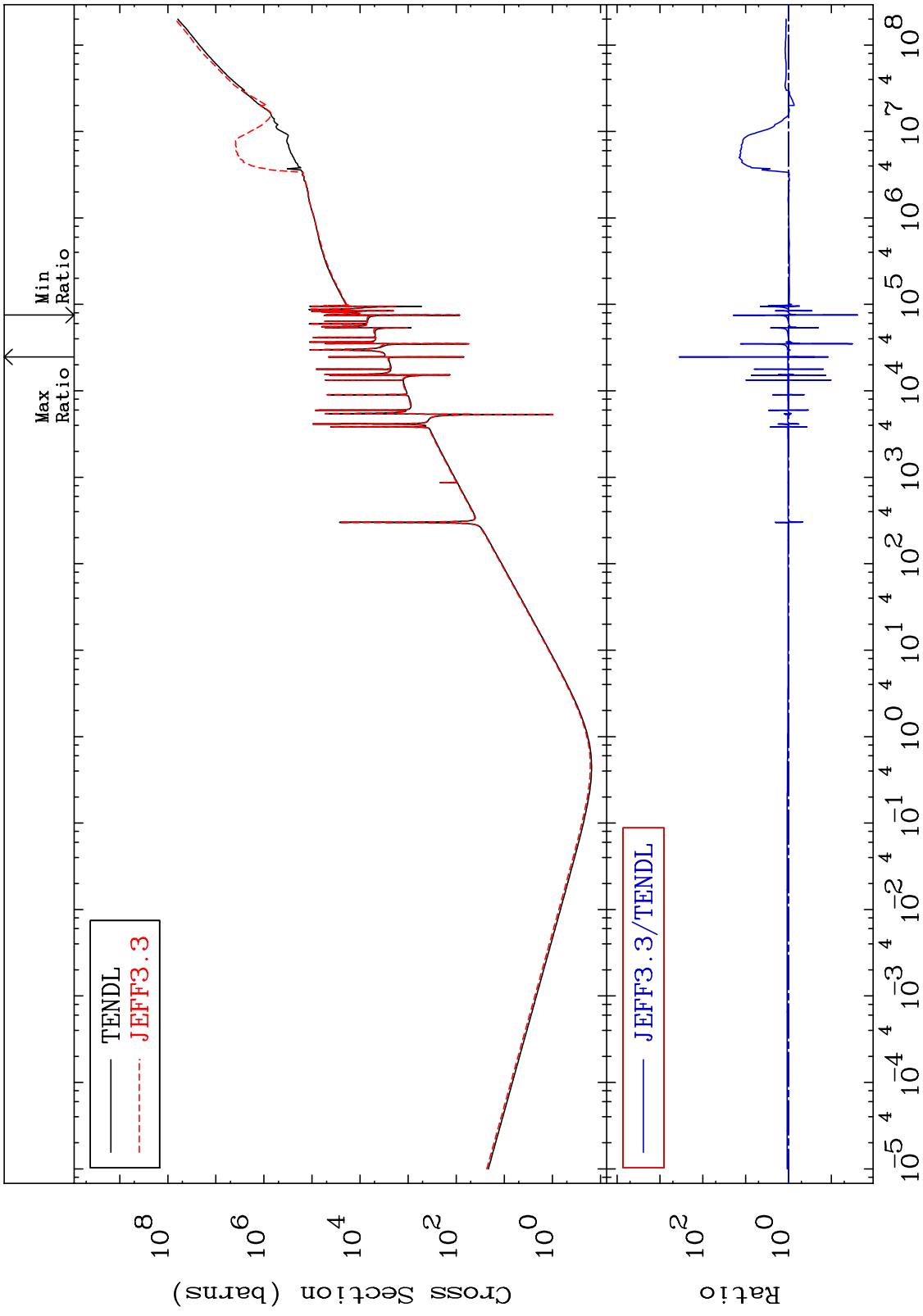


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Incident Energy (eV)

40-Zr-96

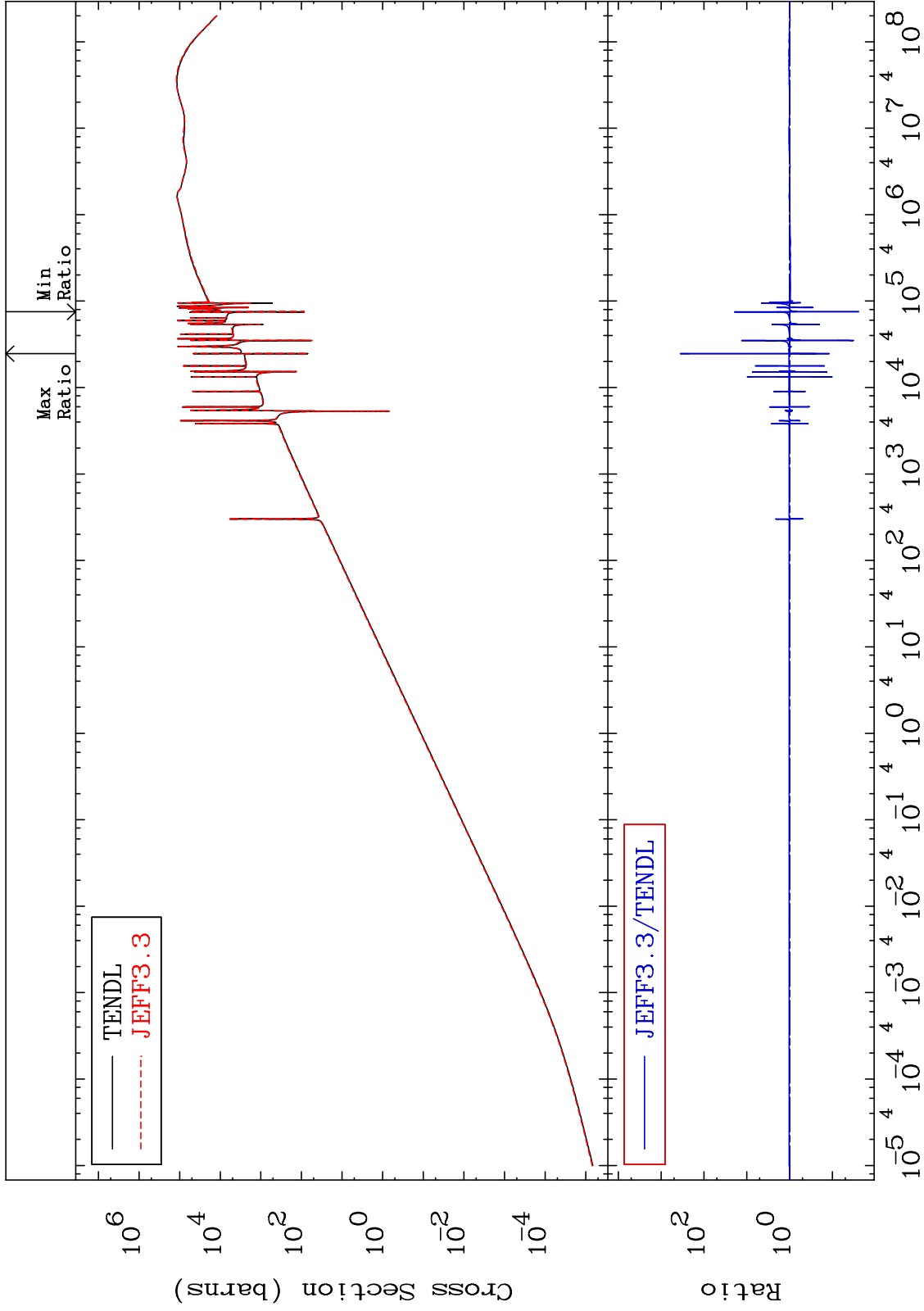
MAT 4043      Kerma total (eV-barns)      40-Zr-96  
 Cross Section      -97.58 To 9999. %



MAT 4043

Kerma elastic  
Cross Section

40-Zr-96  
-97.58 To 9999. %



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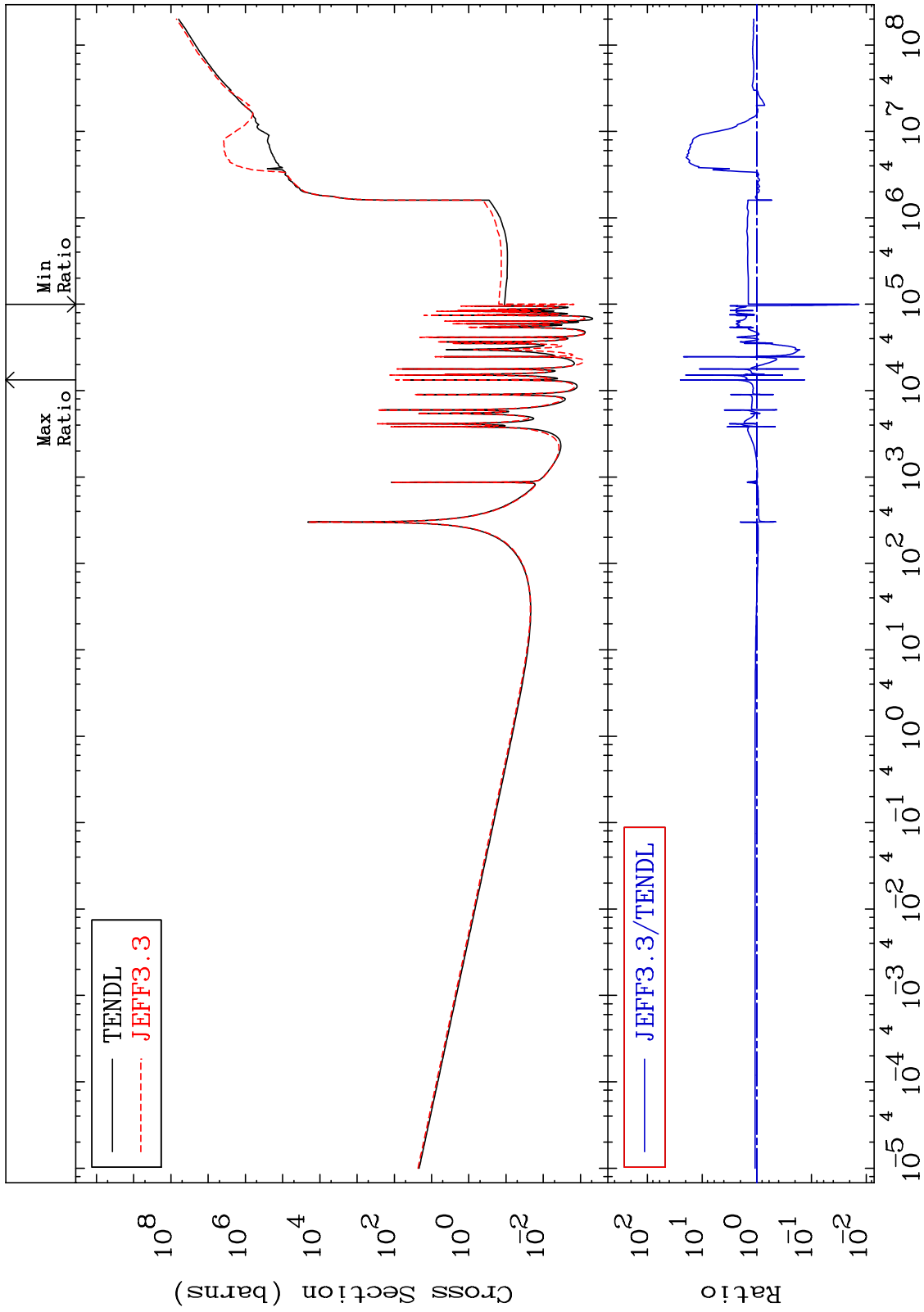
Incident Energy (eV)

40-Zr-96

MAT 4043

Kerma non-elastic (all but mt2)  
Cross Section

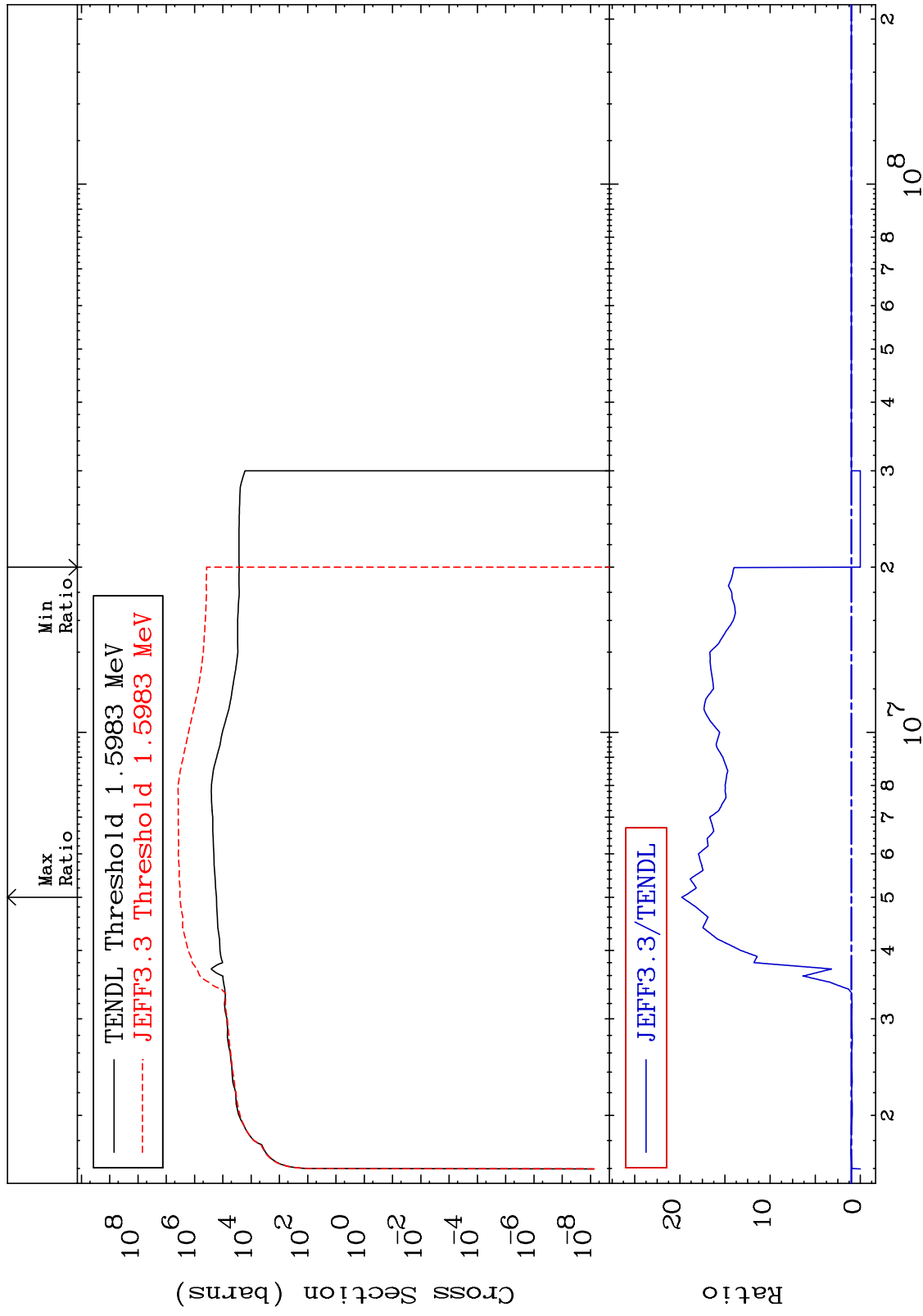
40-Zr-96  
-98.64 To 2418. %



MAT 4043

Kerma inelastic (mt51-91)  
Cross Section

40-Zr-96  
-100.0 To 1879. %



45

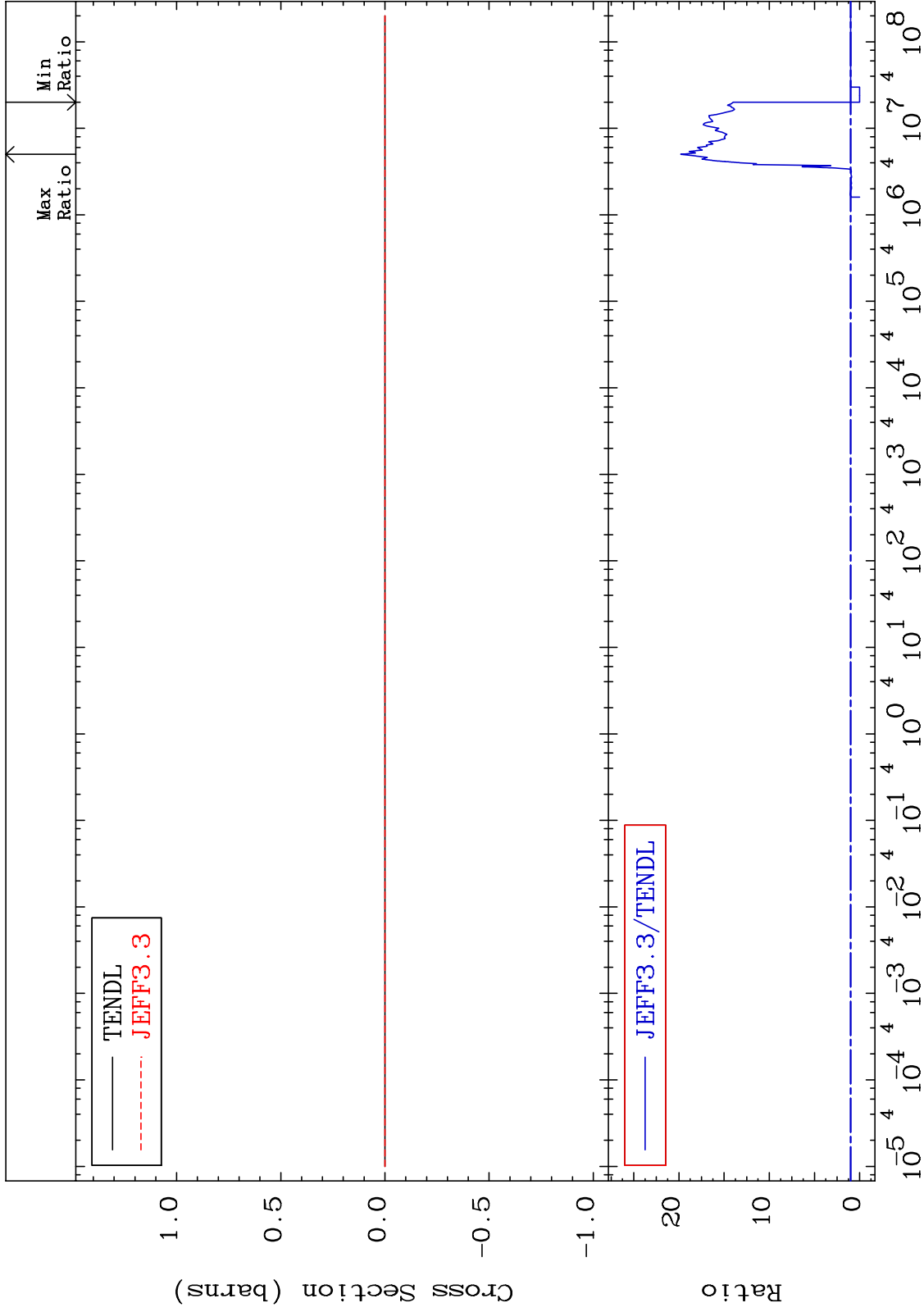
Incident Energy (eV)

40-Zr-96

MAT 4043

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

40-Zr-96  
-100.0 To 1879. %



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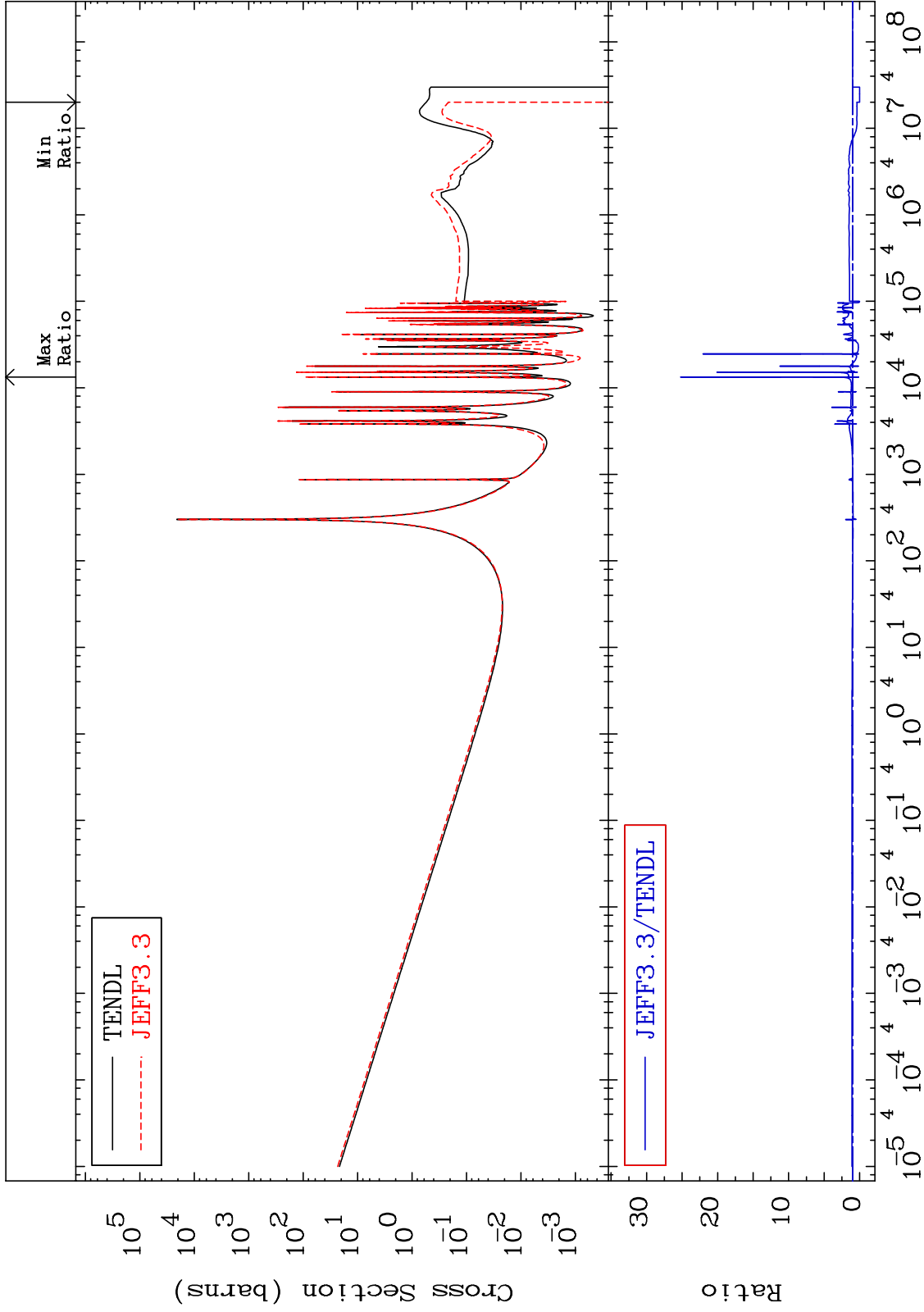
Incident Energy (eV)

40-Zr-96

MAT 4043

Kerma capture (mt102)  
Cross Section

40-Zr-96  
-100.0 To 2418. %



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Incident Energy (eV)

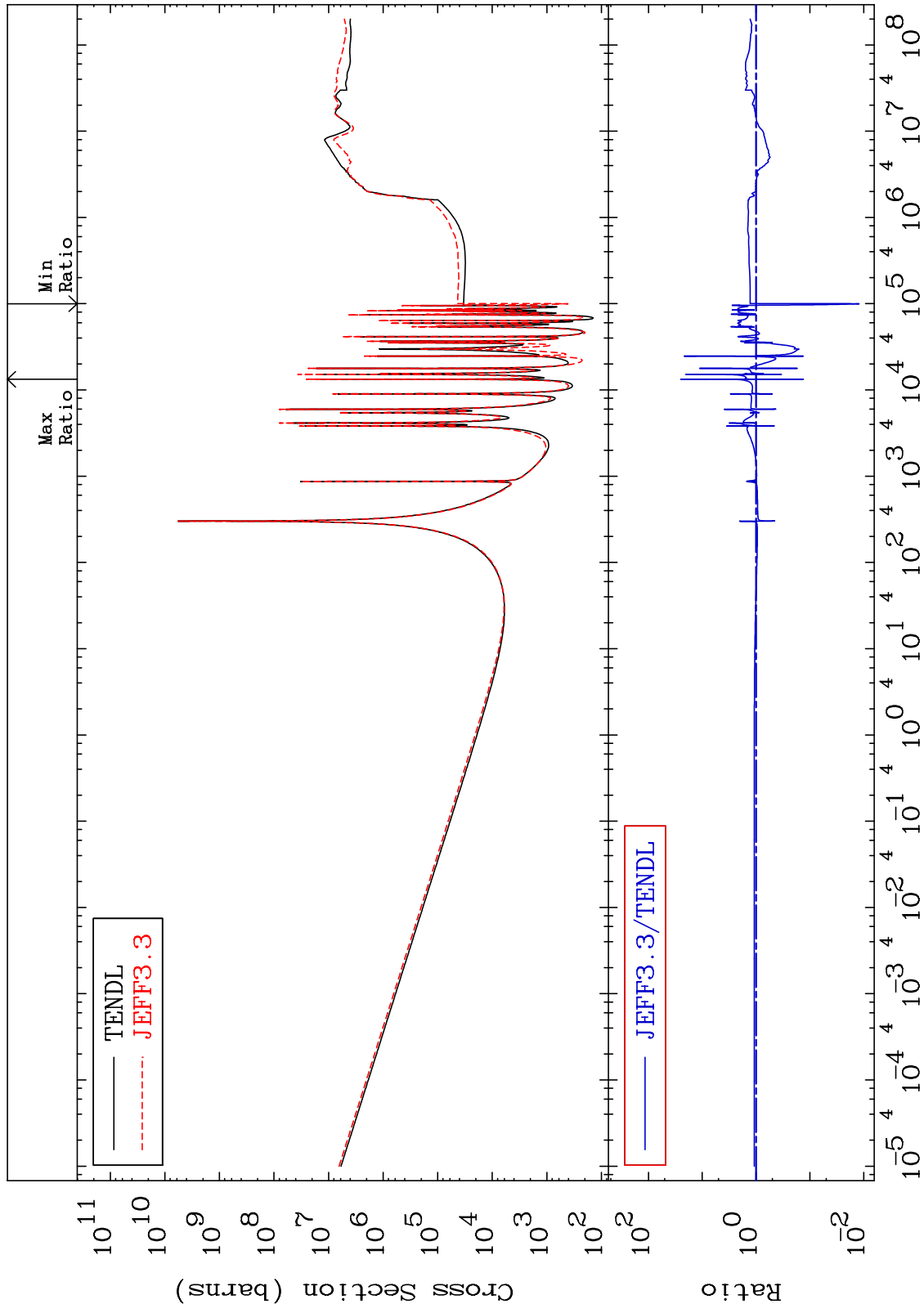
40-Zr-96



MAT 4043

Total photon (eV-barns)  
Cross Section

40-Zr-96  
-98.77 To 2420. %



48

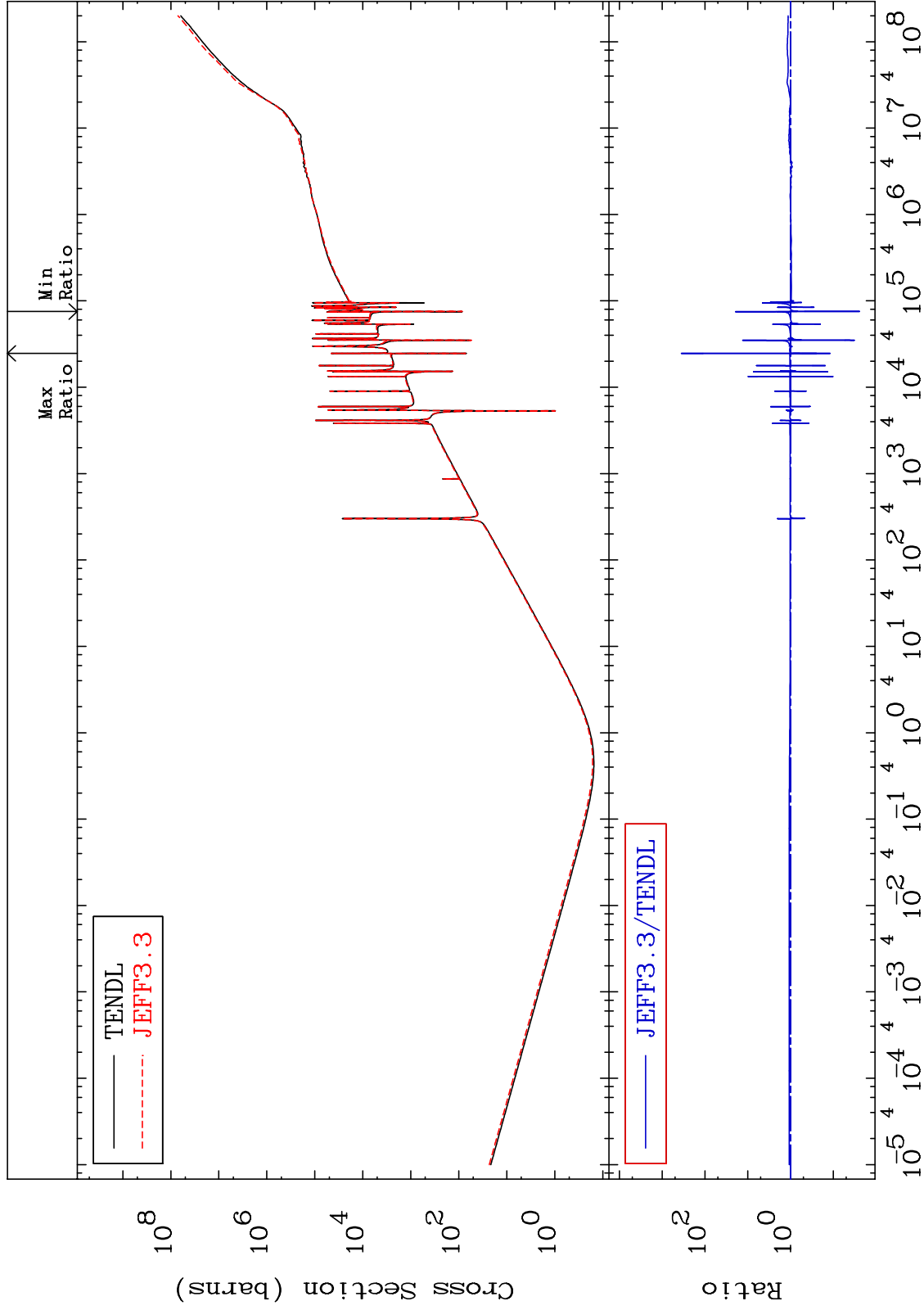
Incident Energy (eV)

40-Zr-96

MAT 4043

Total kinematic kerma (high limit)  
Cross Section

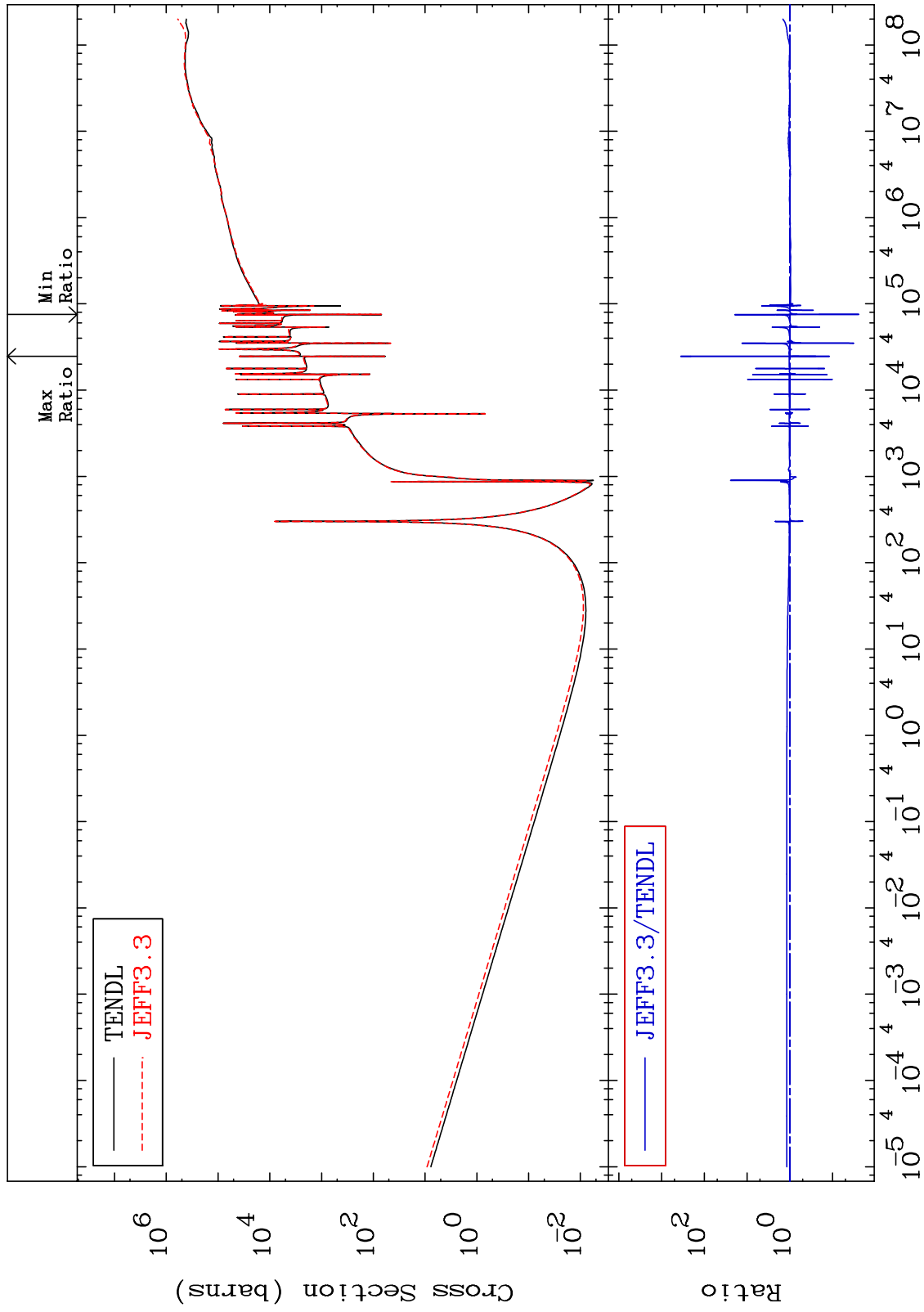
40-Zr-96  
-97.58 To 9999. %



MAT 4043

Dpa total (eV-barns)  
Cross Section

40-Zr-96  
-97.58 To 9999. %



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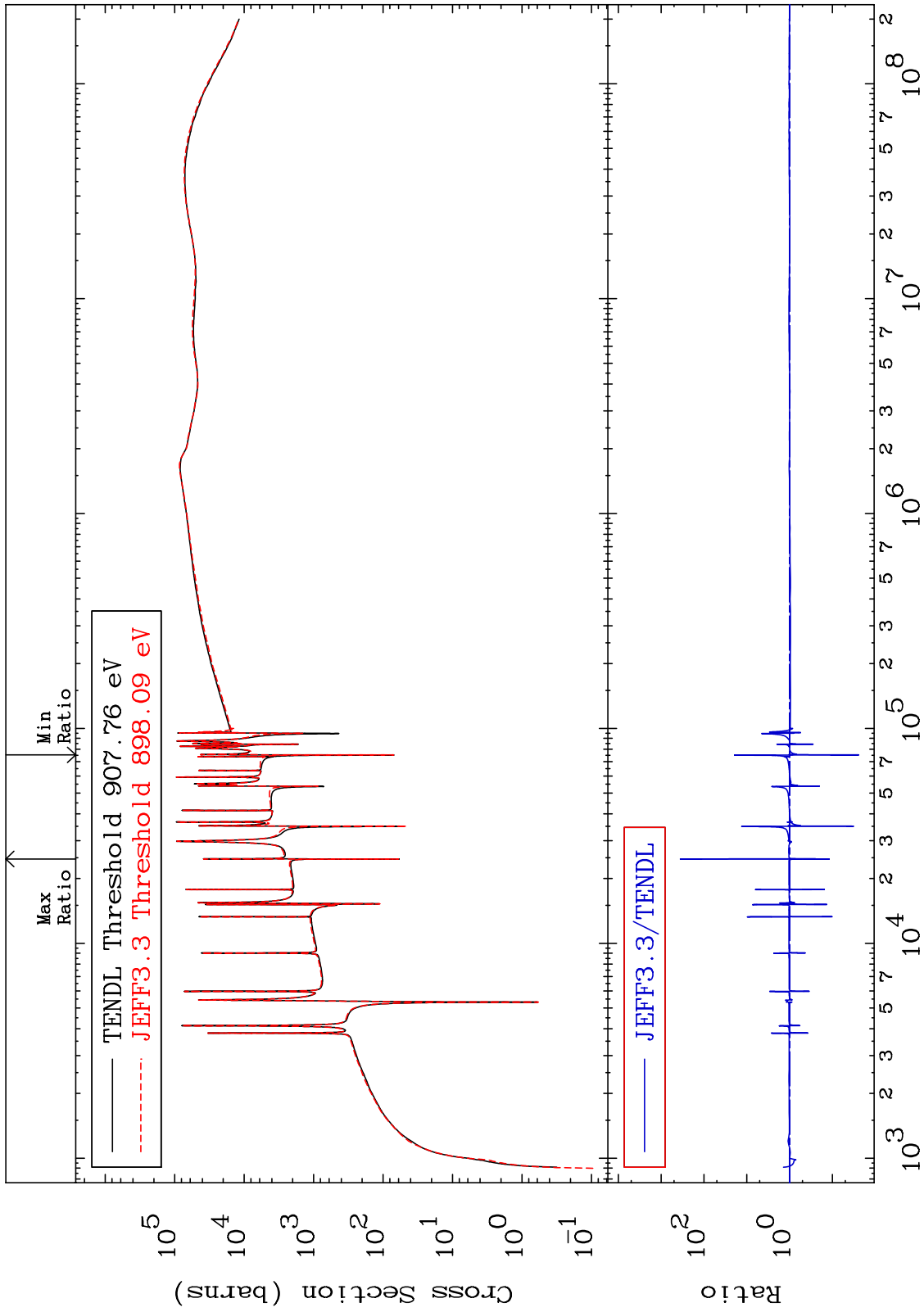
Incident Energy (eV)

40-Zr-96

MAT 4043

Dpa elastic (mt2)  
Cross Section

40-Zr-96  
-97.58 To 9999. %

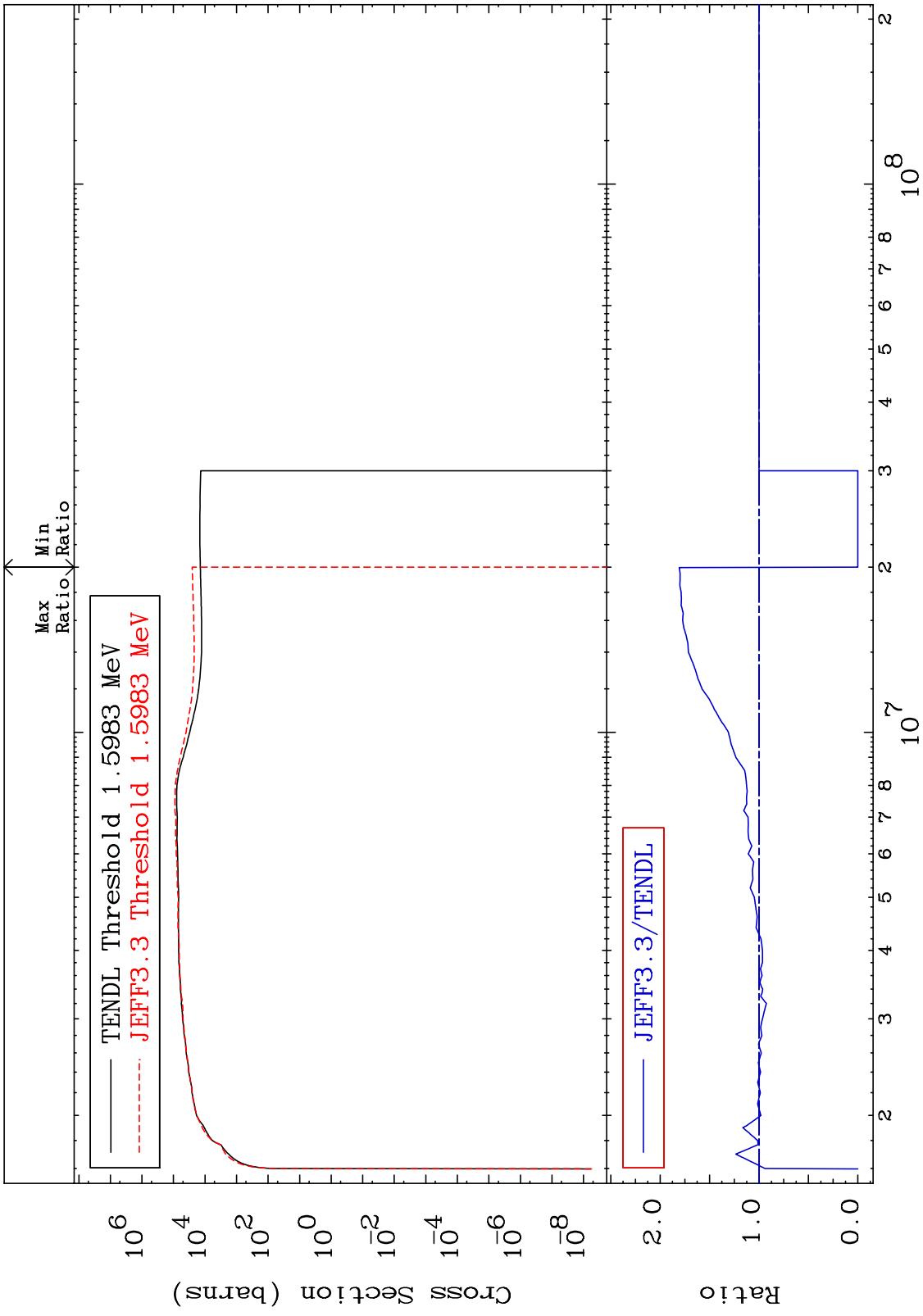


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40-Zr-96

40-Zr-96

MAT 4043      Dpa inelastic (mt51-91)      40-Zr-96  
 Cross Section      -100.0 To 80.88 %



52      Incident Energy (eV)      40-Zr-96

MAT 4043

Dpa disappearance (mt102 -120)  
Cross Section

40-Zr-96  
-100.0 To 2658. %

