

Program Complot
(Version 2018-1)

by

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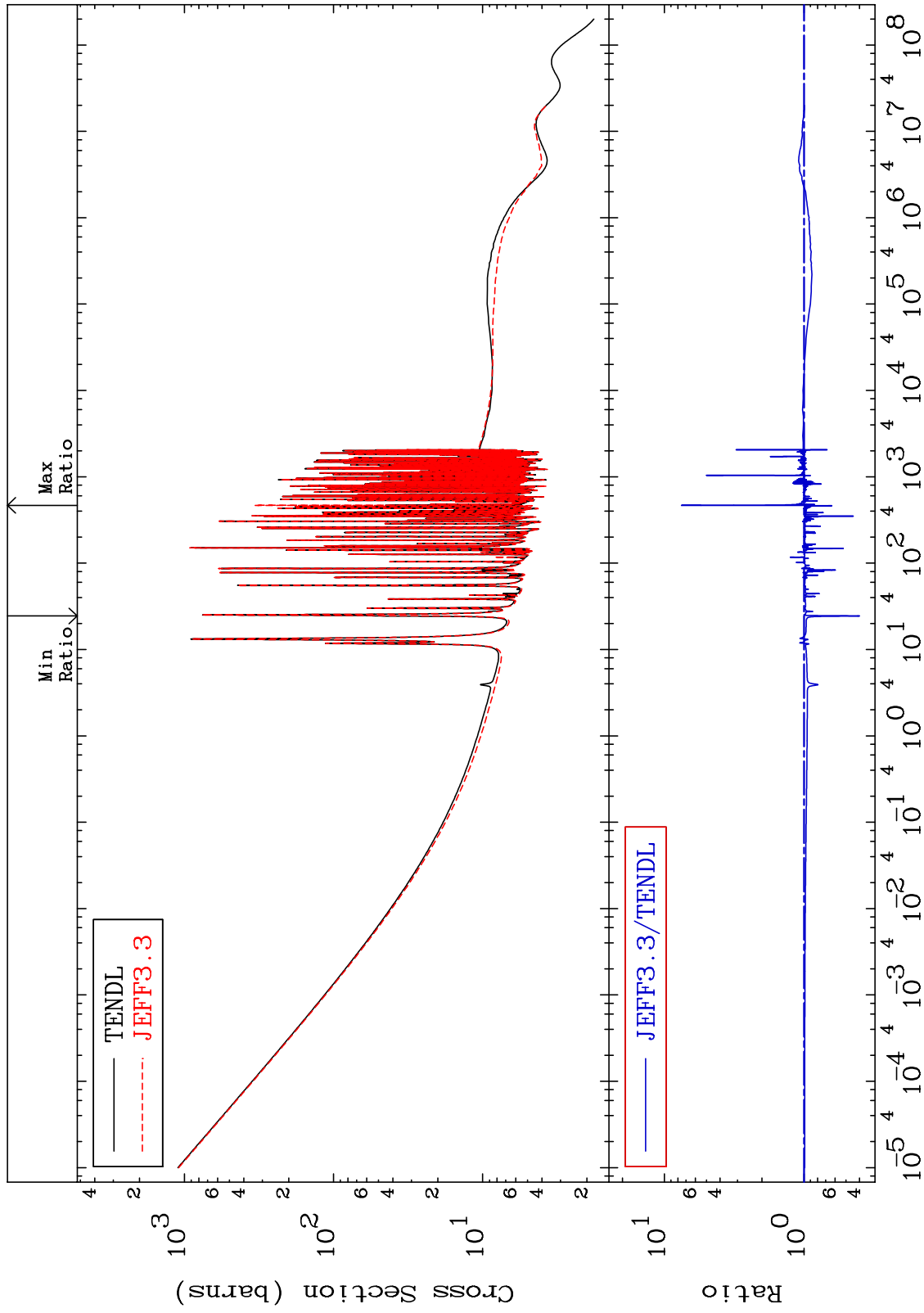
Press Mouse Button to Start

MAT 4634

Total
Cross Section

46-Pd-105

-60.11 To 657.9 %



1

Incident Energy (eV)

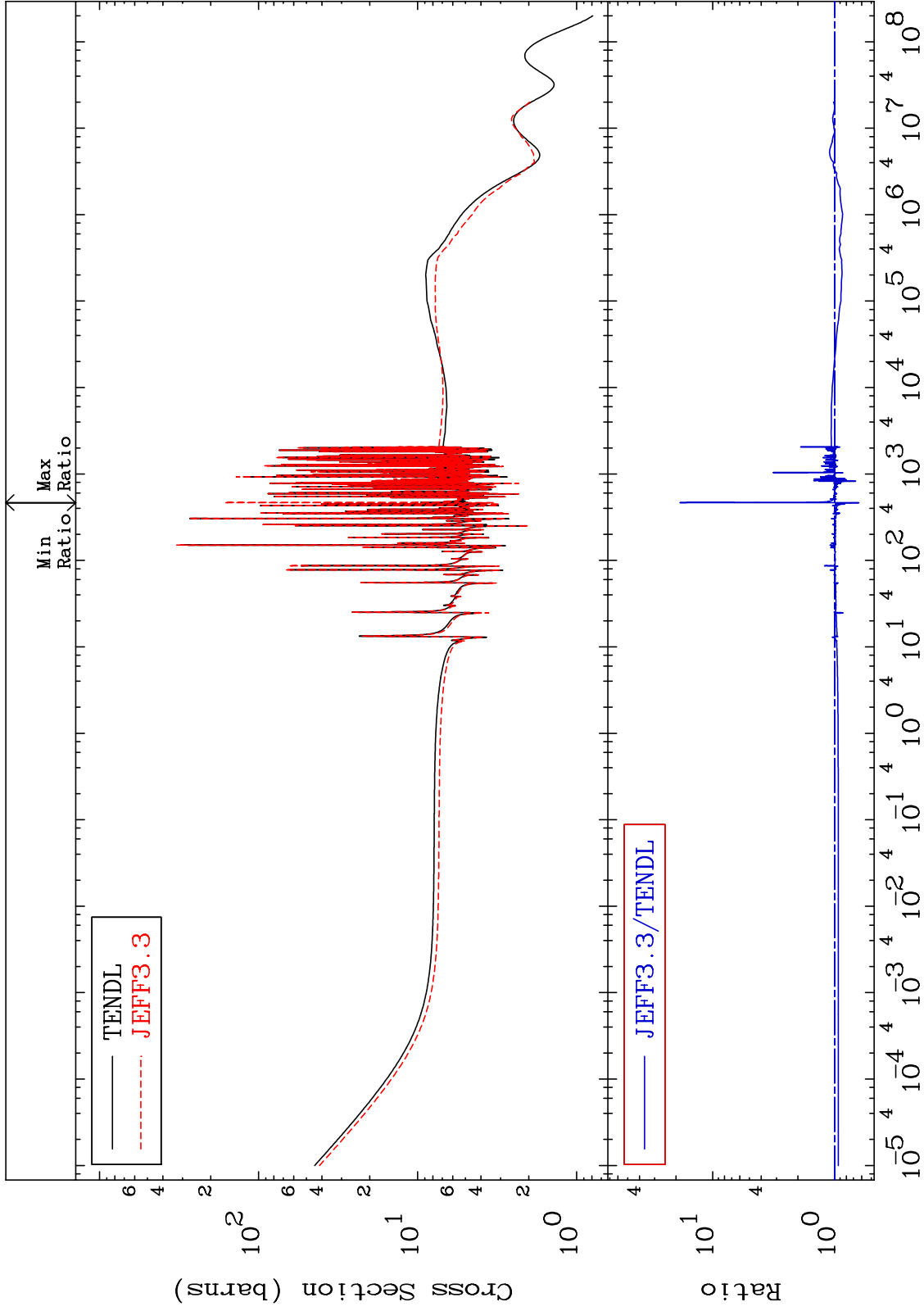
46-Pd-105

MAT 4634

Elastic
Cross Section

46-Pd-105

-36.86 To 1750. %



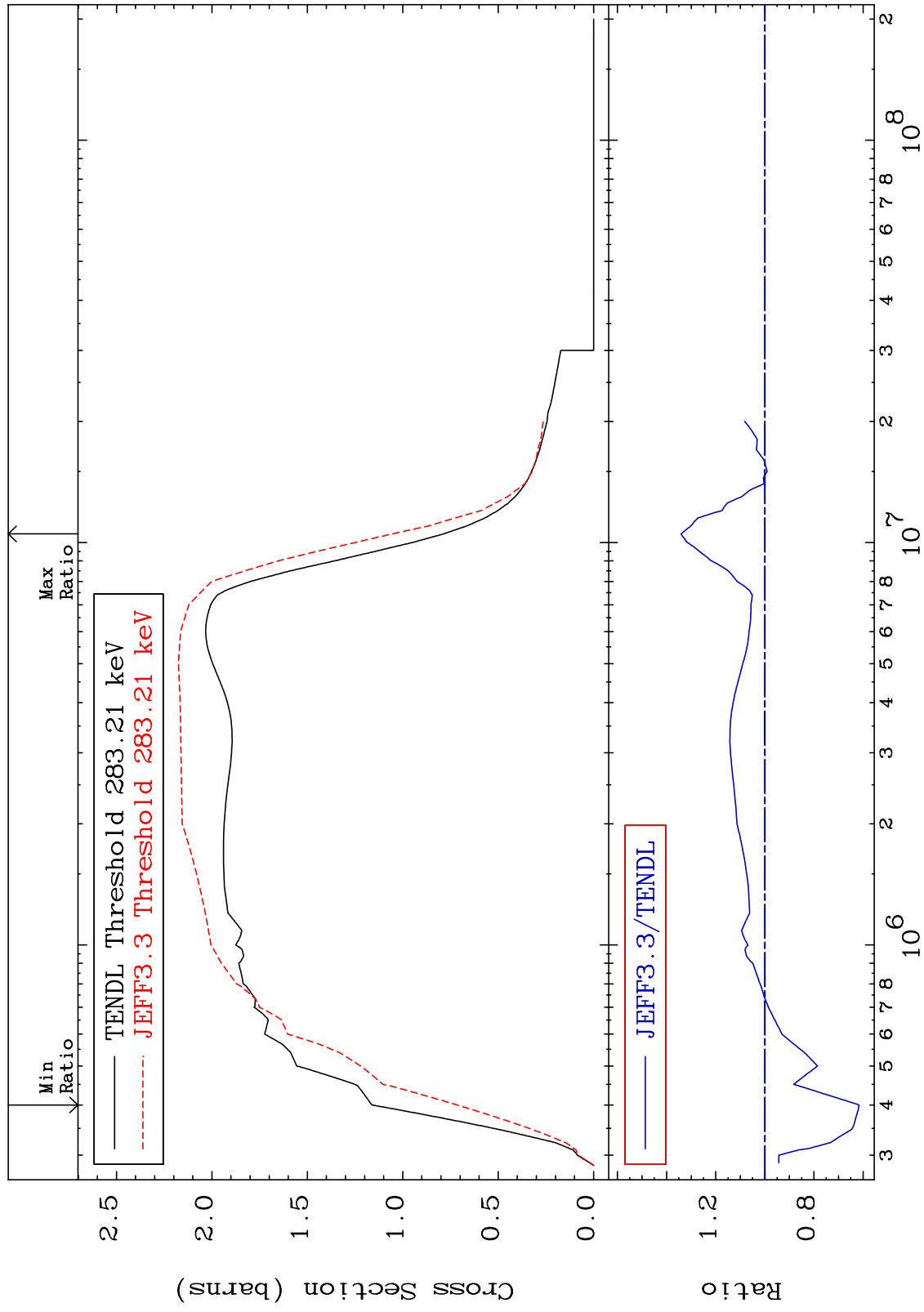
2

Incident Energy (eV)

46-Pd-105

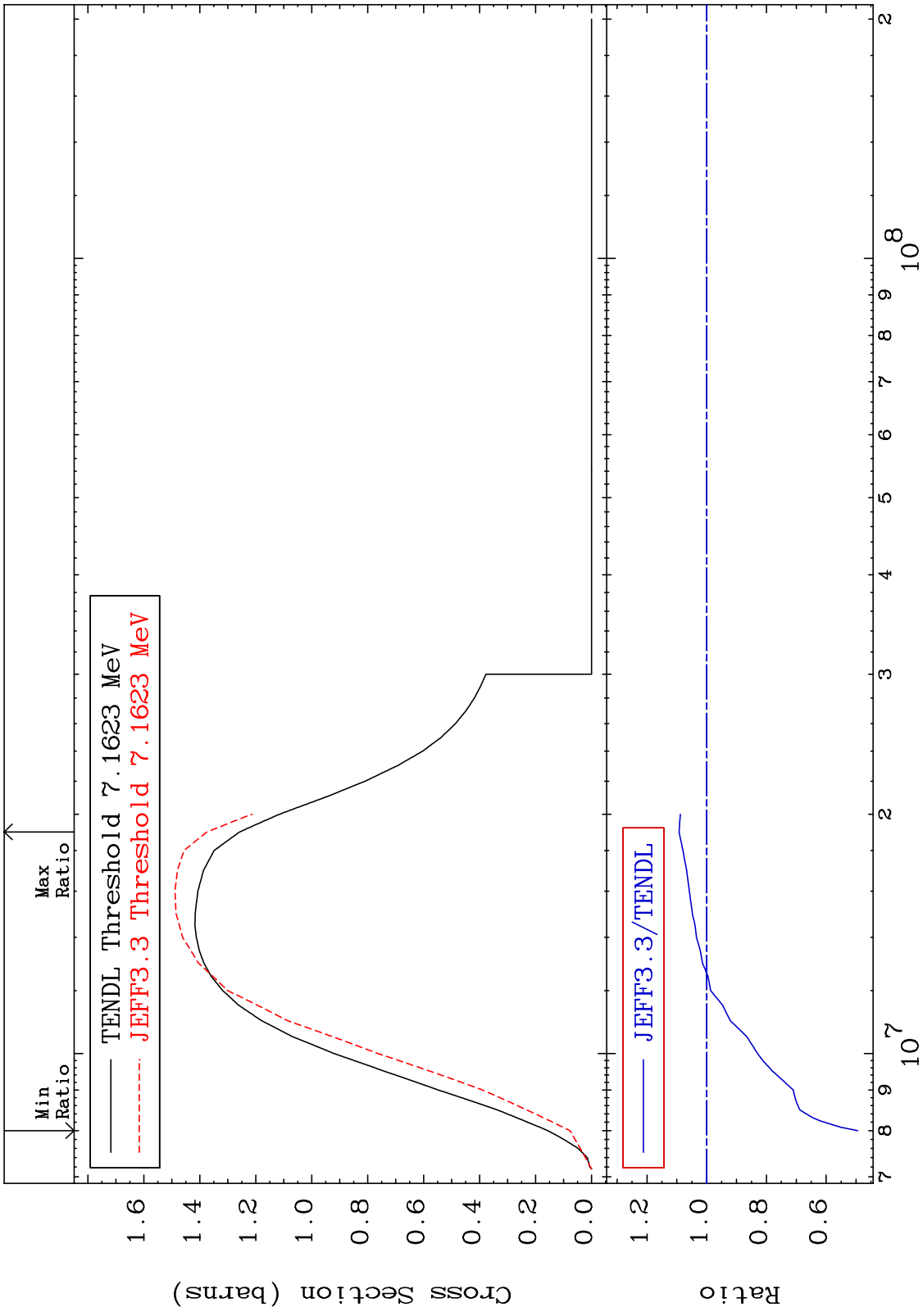
MAT 4634 46-Pd-105 -38.37 To 34.19 %

Inelastic Cross Section



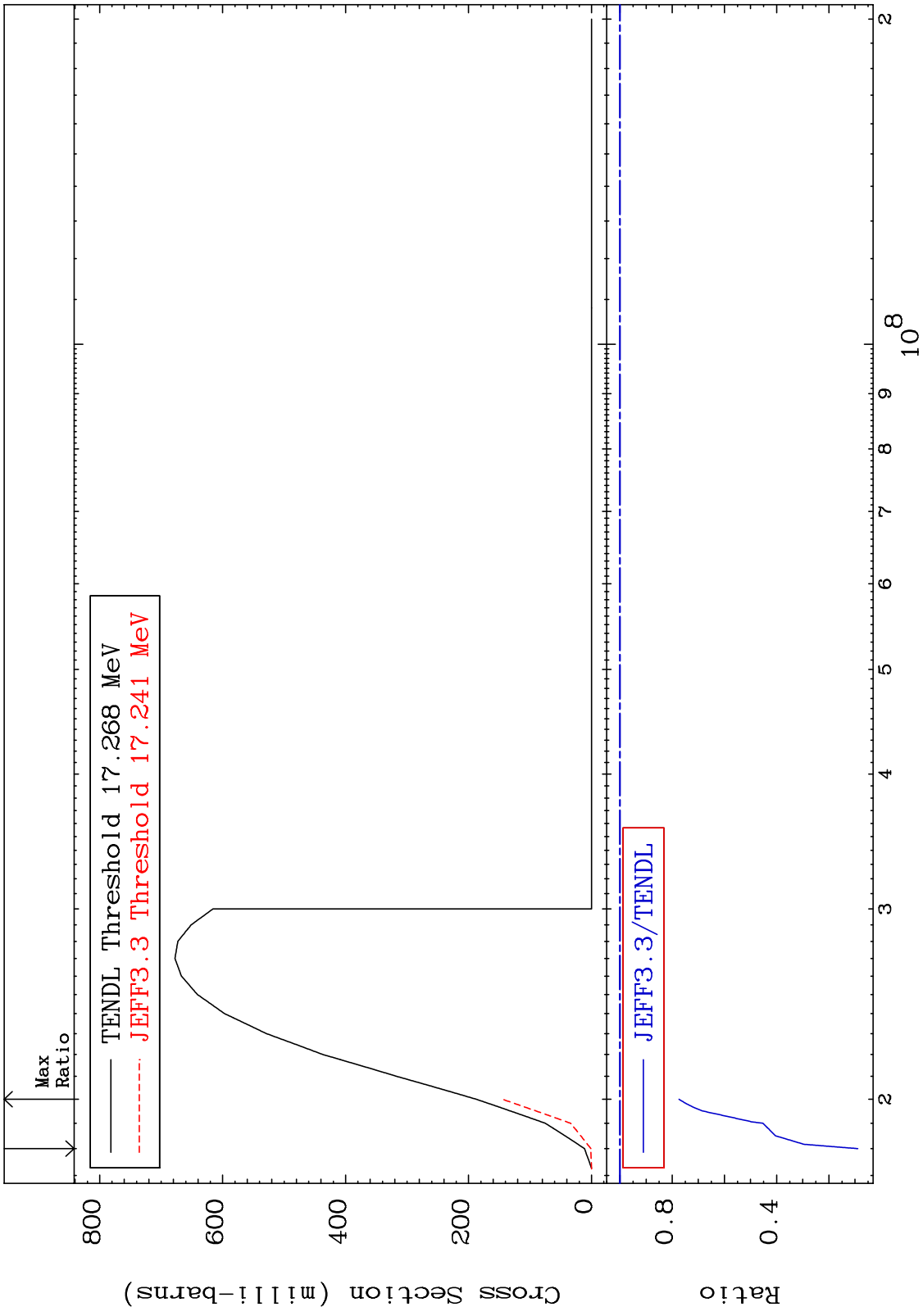
3 Incident Energy (eV) 46-Pd-105

MAT 4634 (n,2n) Cross Section 46-Pd-105 -50.61 To 9.264 %

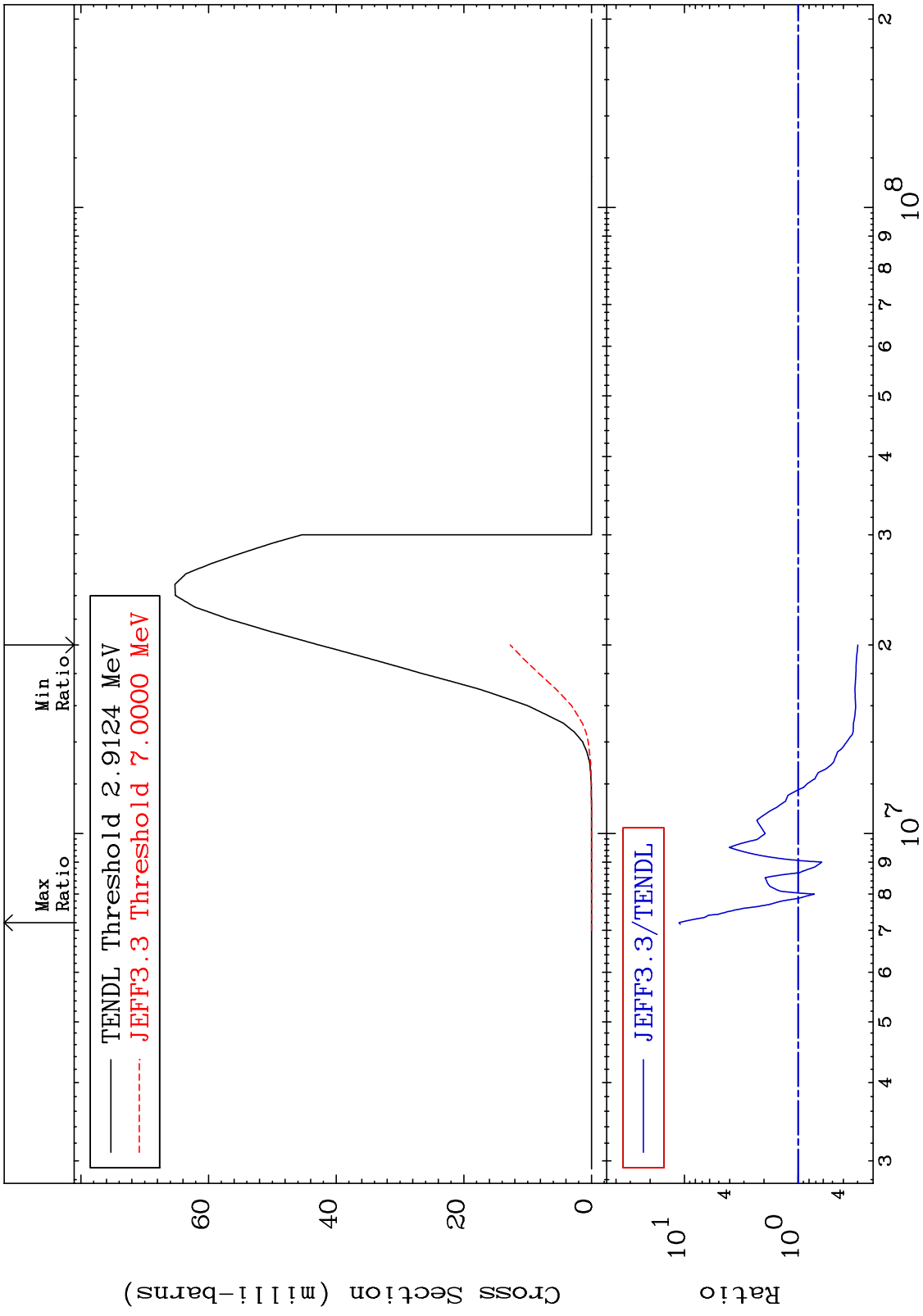


46-Pd-105

MAT 4634 (n,3n) Cross Section 46-Pd-105 -91.08 To -22.62%



MAT 4634 $(n, n') \alpha$ 46-Pd-105
 Cross Section -70.16 To 1015. %



6 46-Pd-105 Incident Energy (eV)

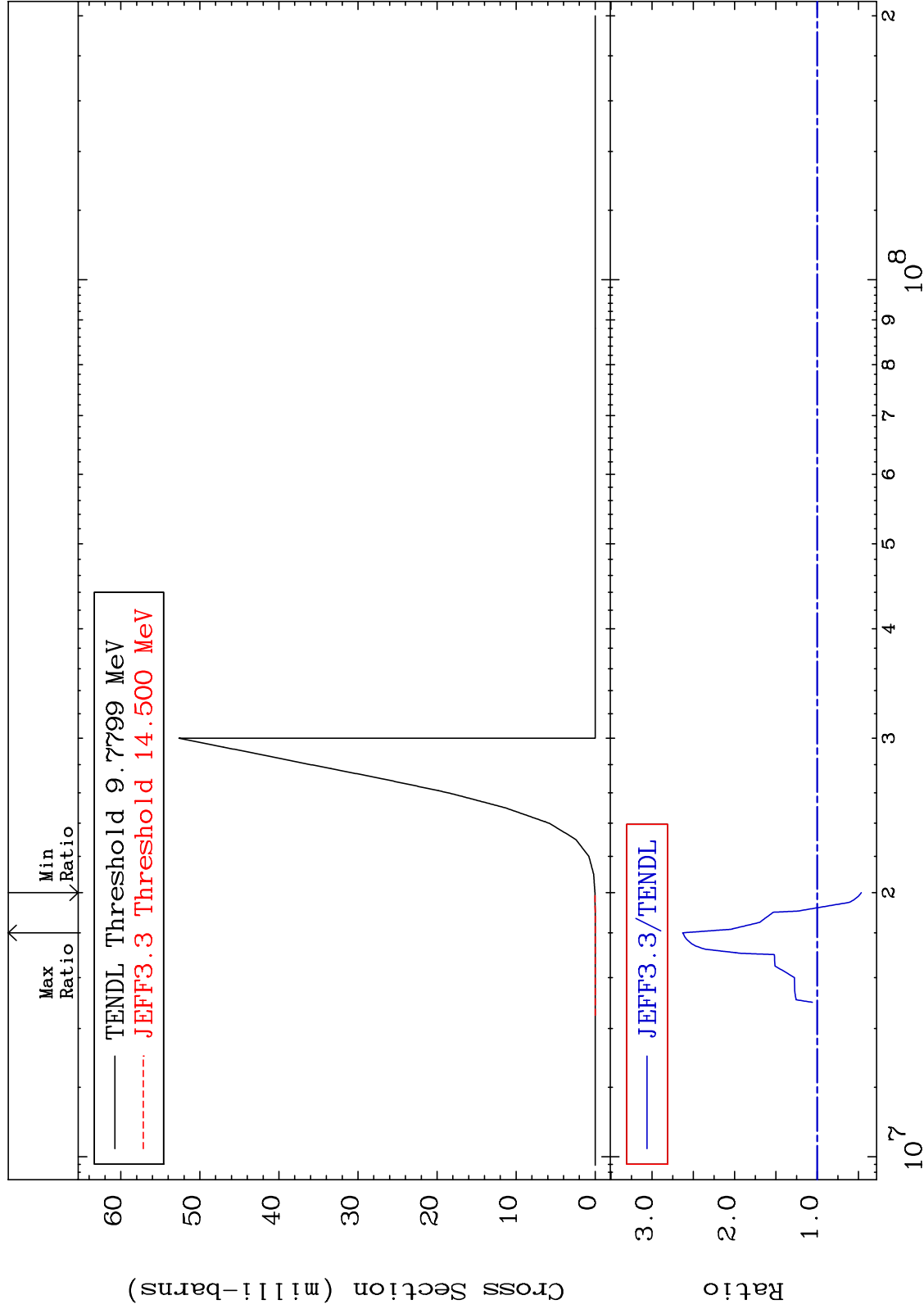
MAT 4634

(n,2n) α

46-Pd-105

Cross Section

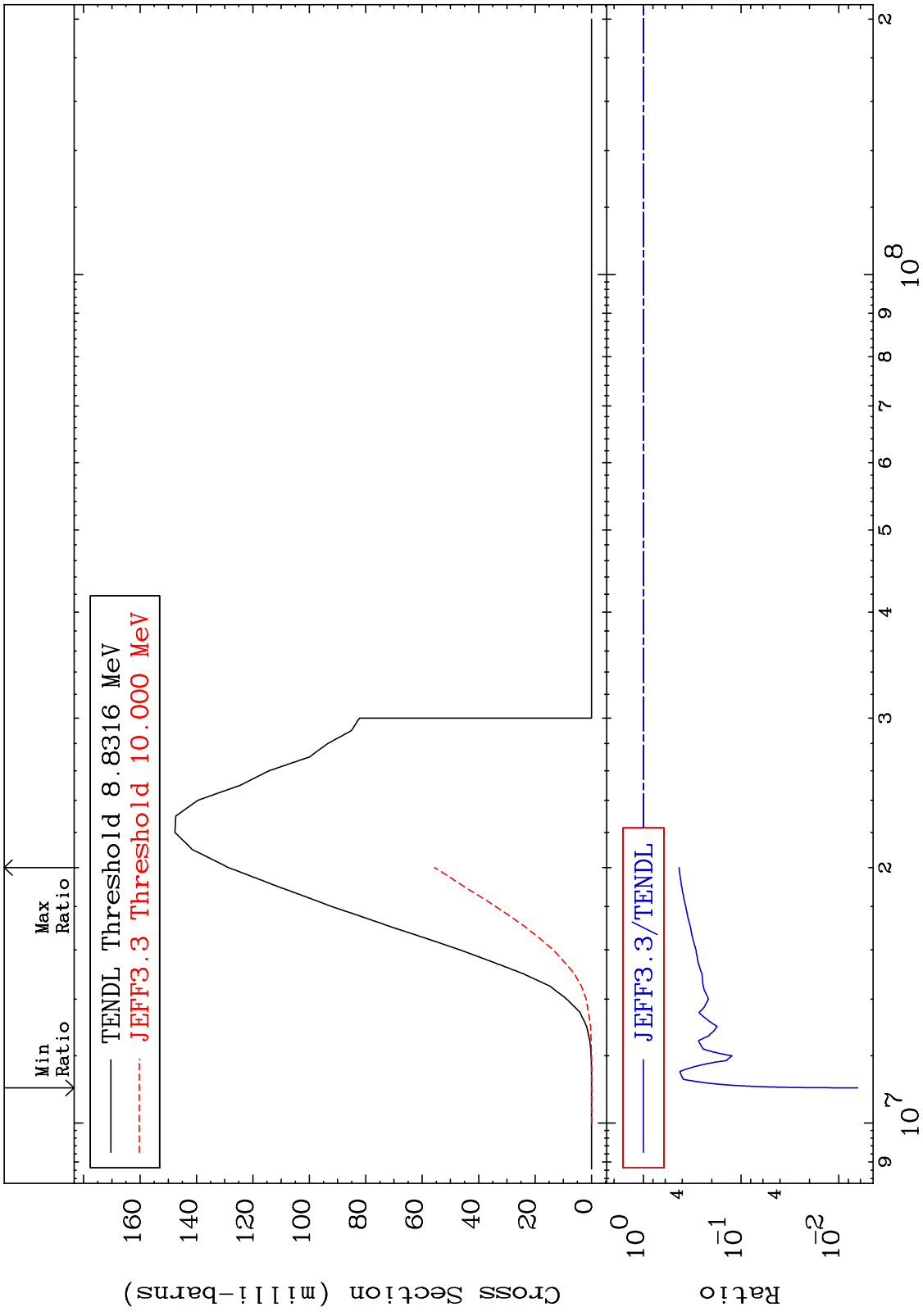
-53.42 To 163.0 %



Incident Energy (eV)

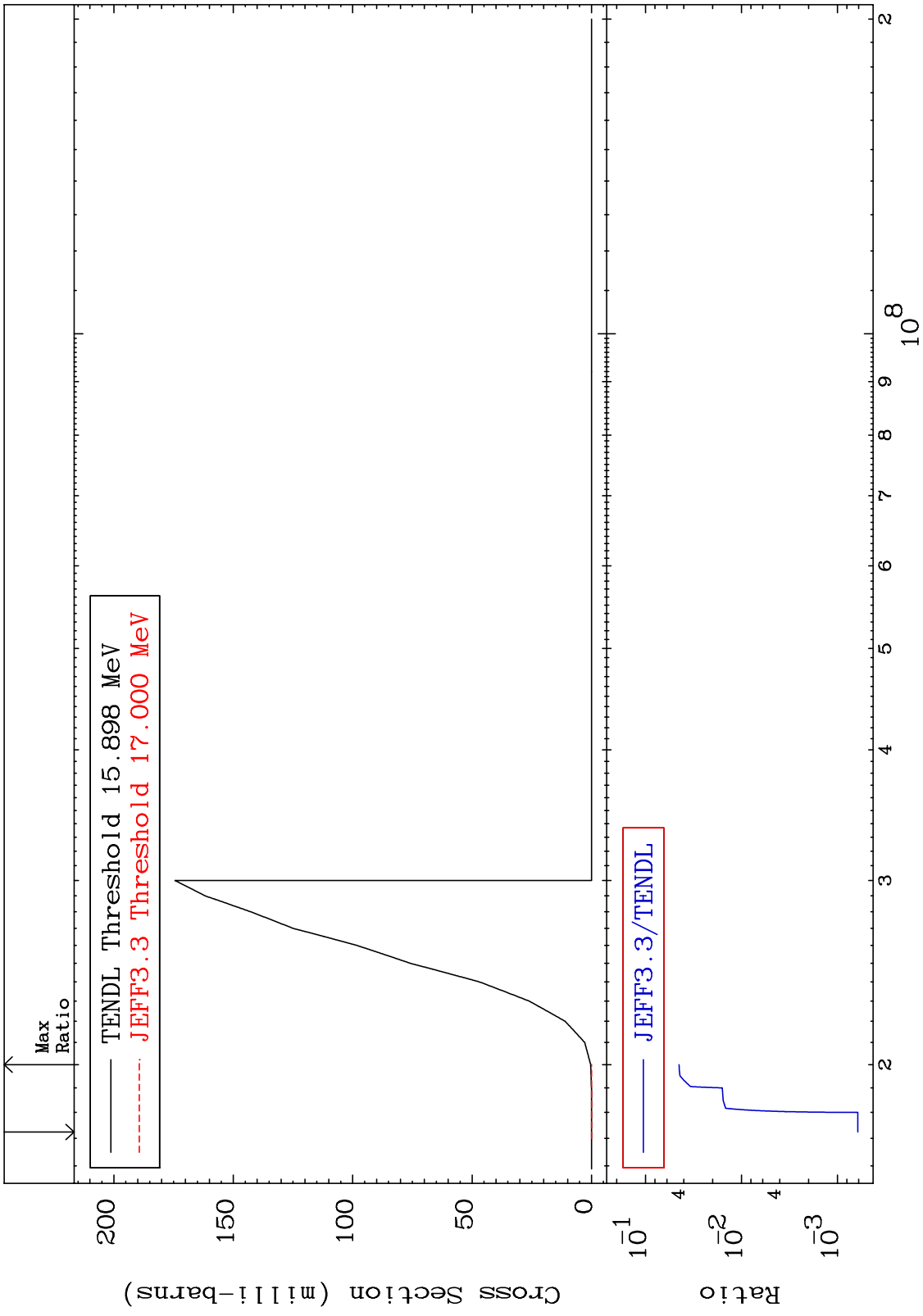
46-Pd-105

MAT 4634 (n, n') p 46-Pd-105
 Cross Section -99.36 To -56.81%

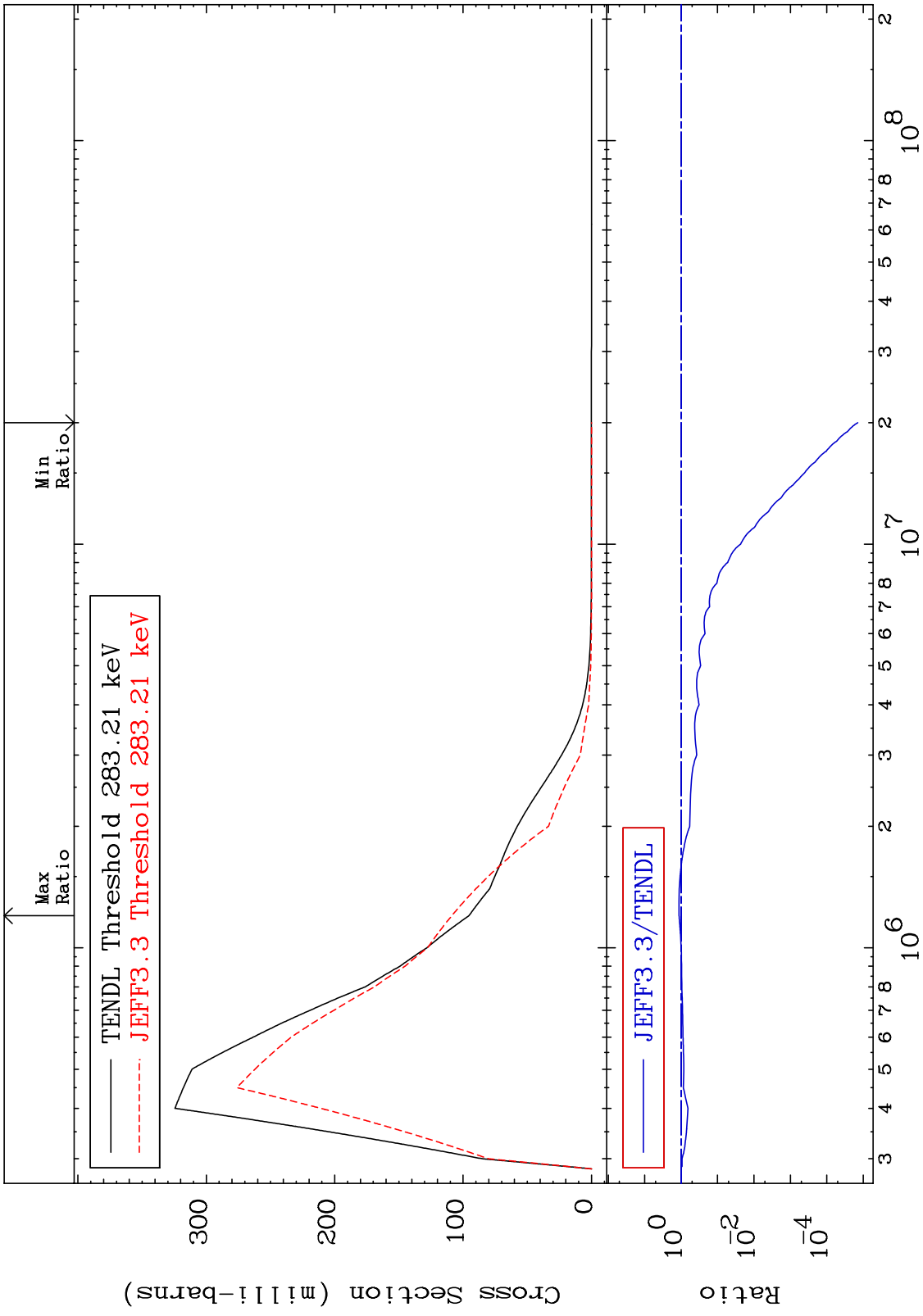


8 Incident Energy (eV) 46-Pd-105

MAT 4634 (n,2n) p 46-Pd-105
 Cross Section -99.94 To -95.52%

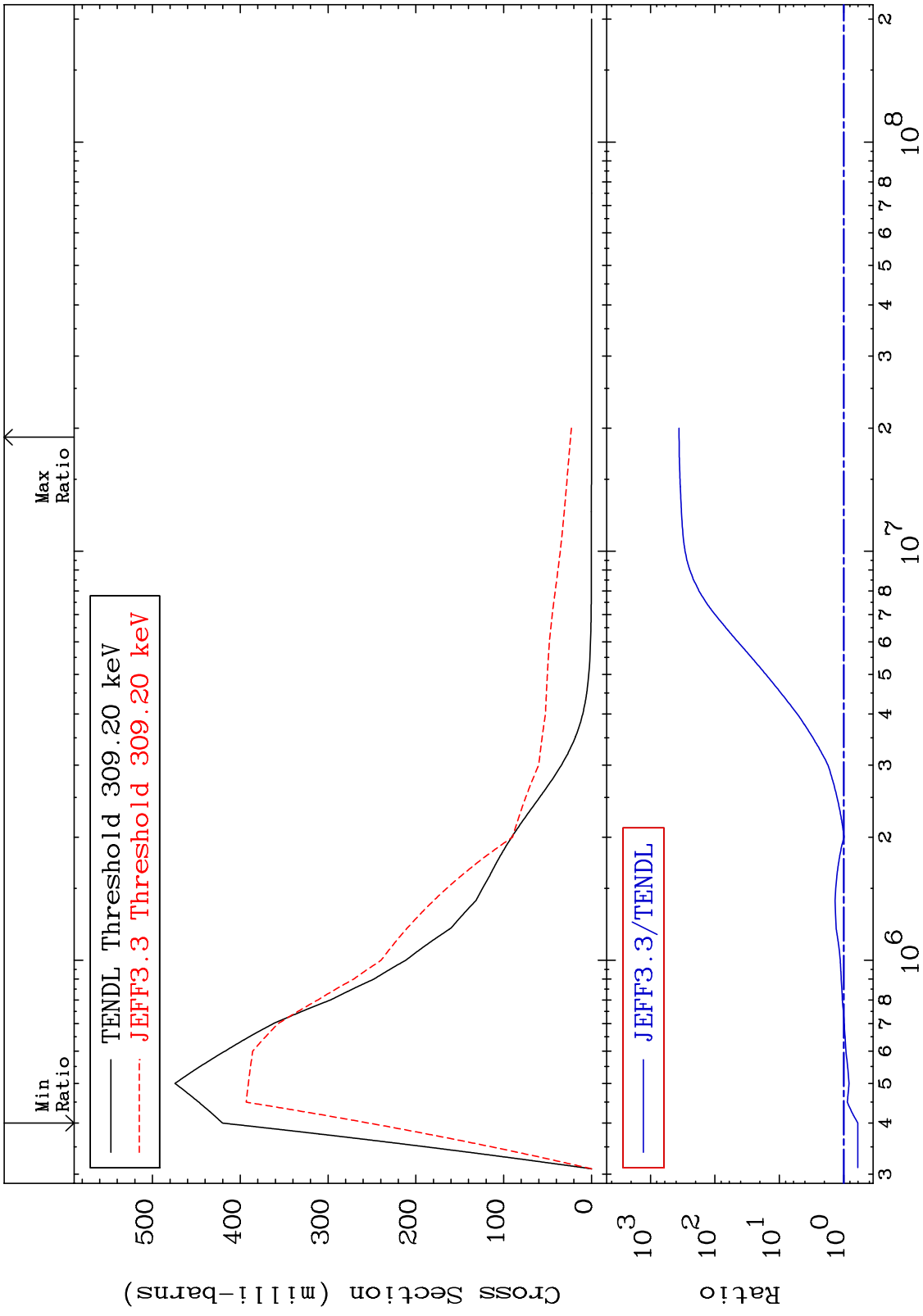


MAT 4634 MT= 51 (n,n') Level Cross Section -100.0 To 13.99 % 46-Pd-105

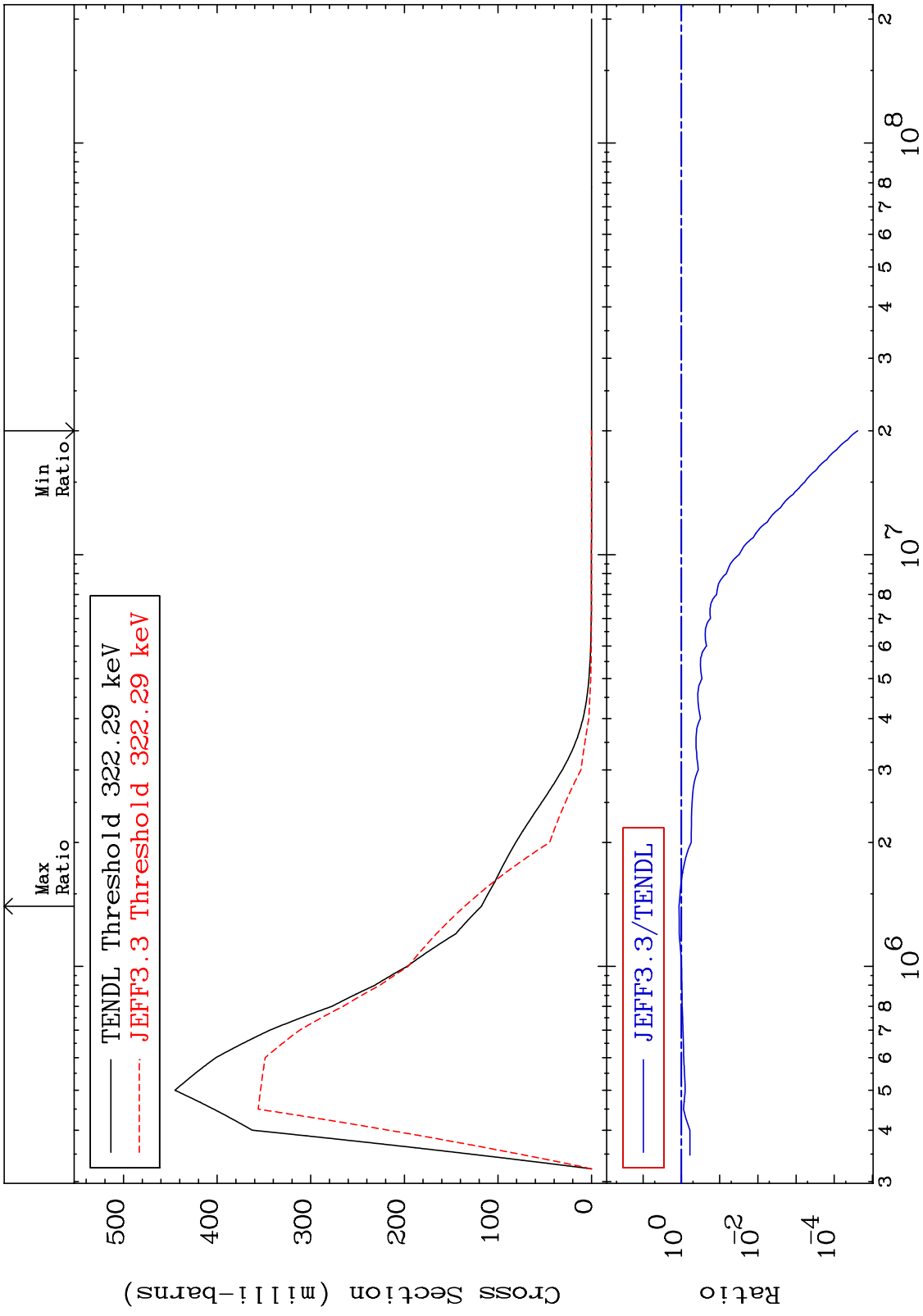


10 46-Pd-105

MAT 4634 MT= 52 (n,n') Level Cross Section 46-Pd-105
 -39.64 To 9999. %

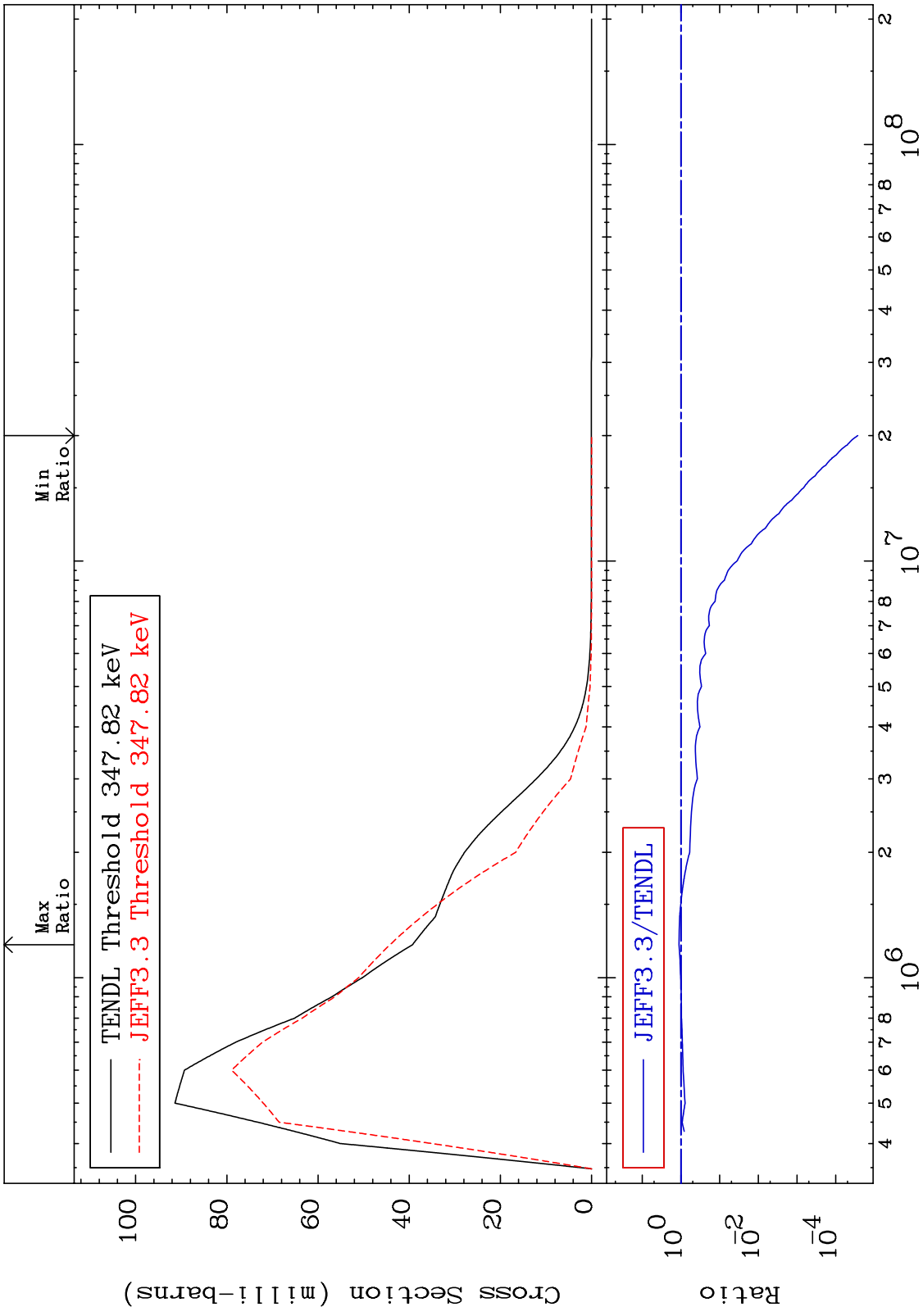


MAT 4634 MT= 53 (n,n') Level Cross Section 46-Pd-105
 -100.0 To 15.14 %

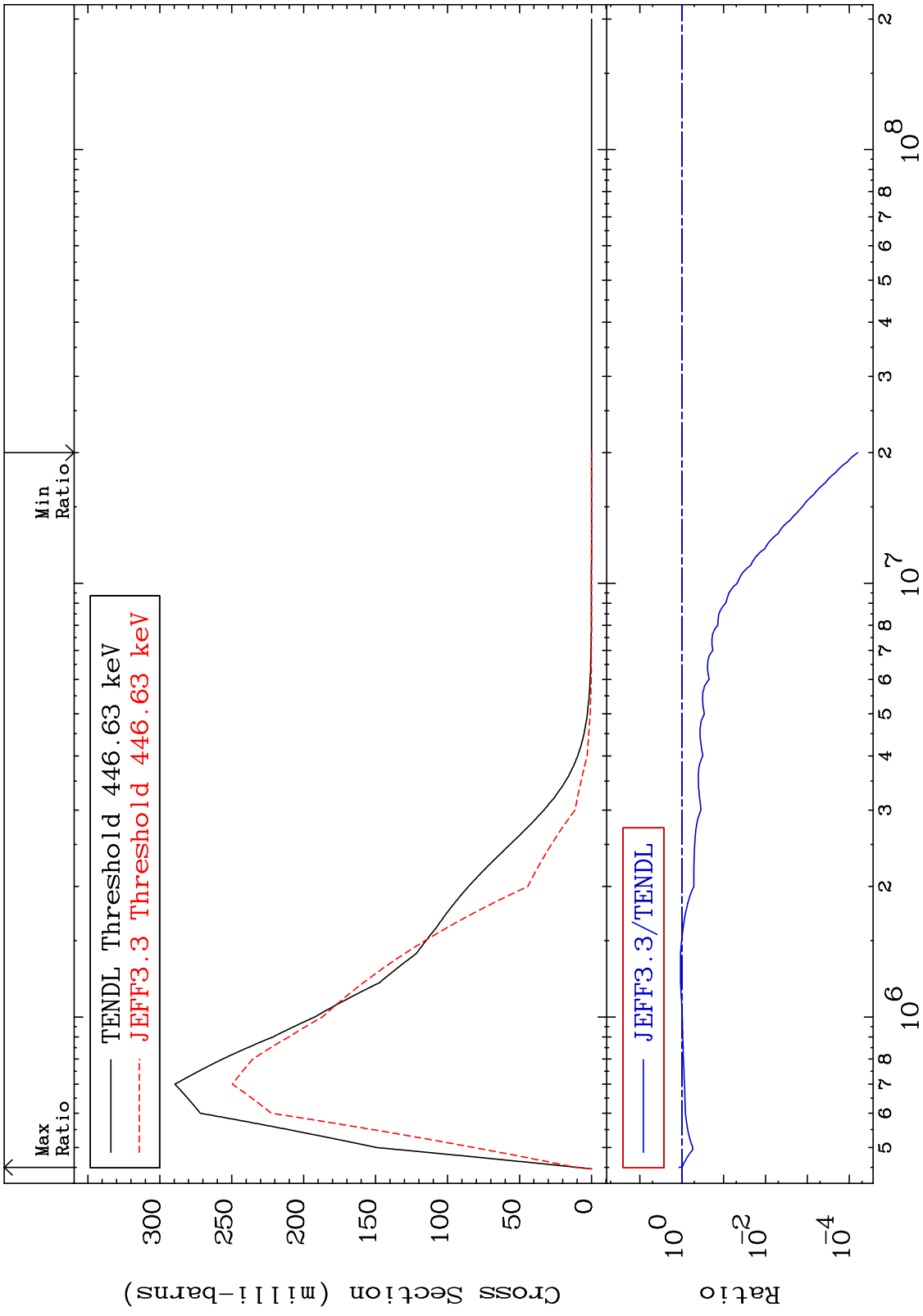


12 46-Pd-105

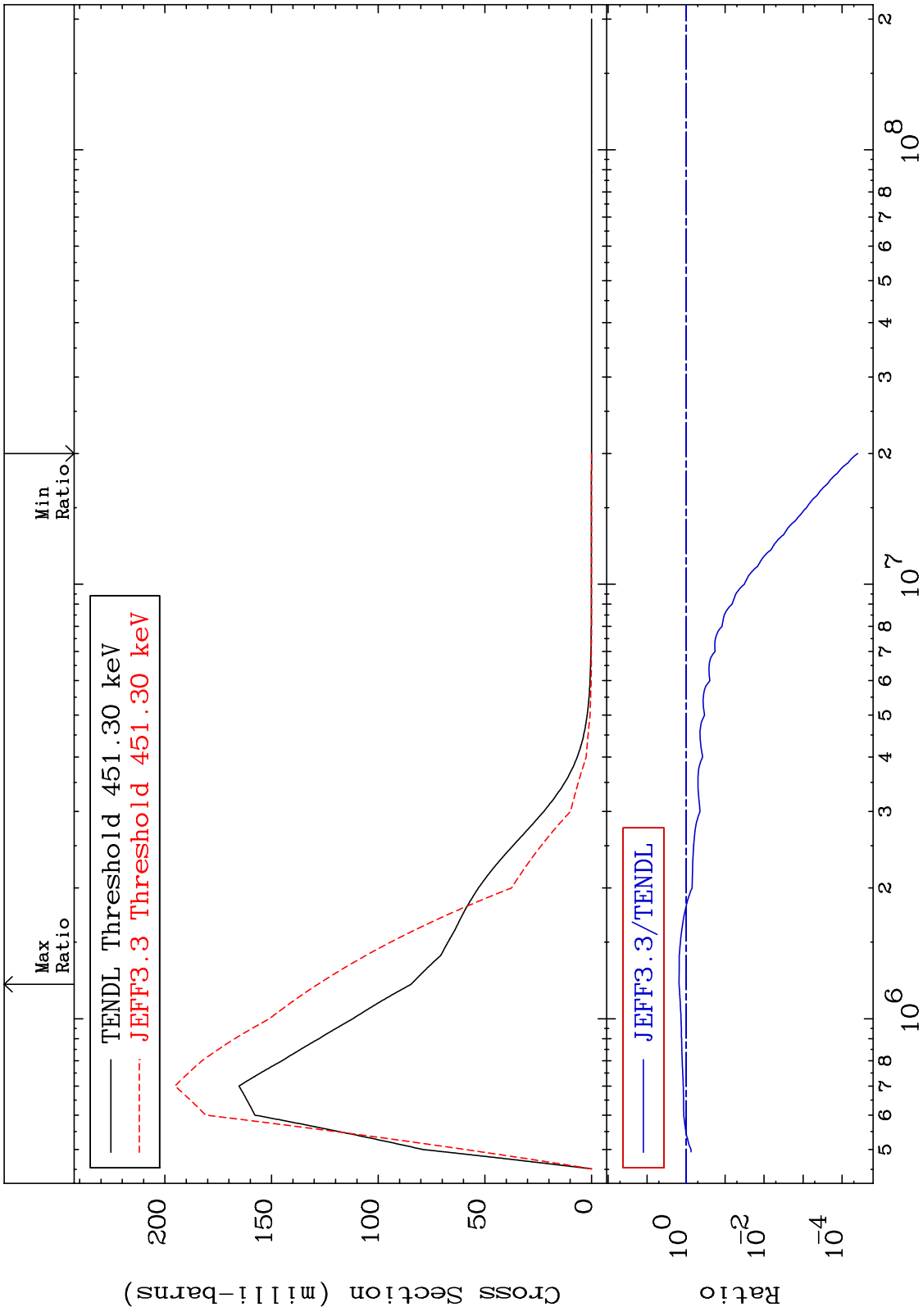
MAT 4634 MT= 54 (n,n') Level Cross Section 46-Pd-105
 -100.0 To 12.52 %



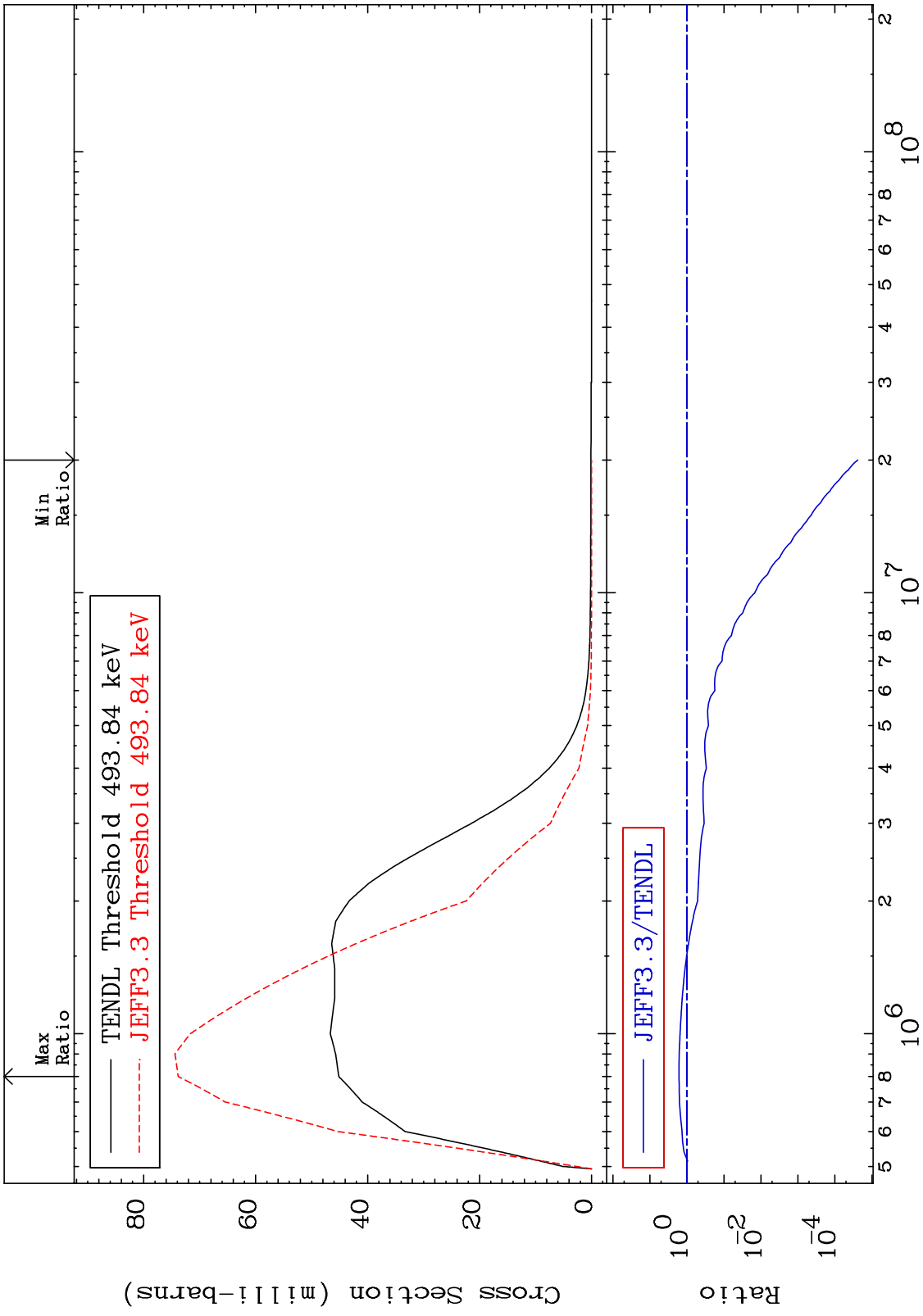
MAT 4634 MT= 55 (n,n') Level Cross Section 46-Pd-105
 -99.99 To 16.17 %



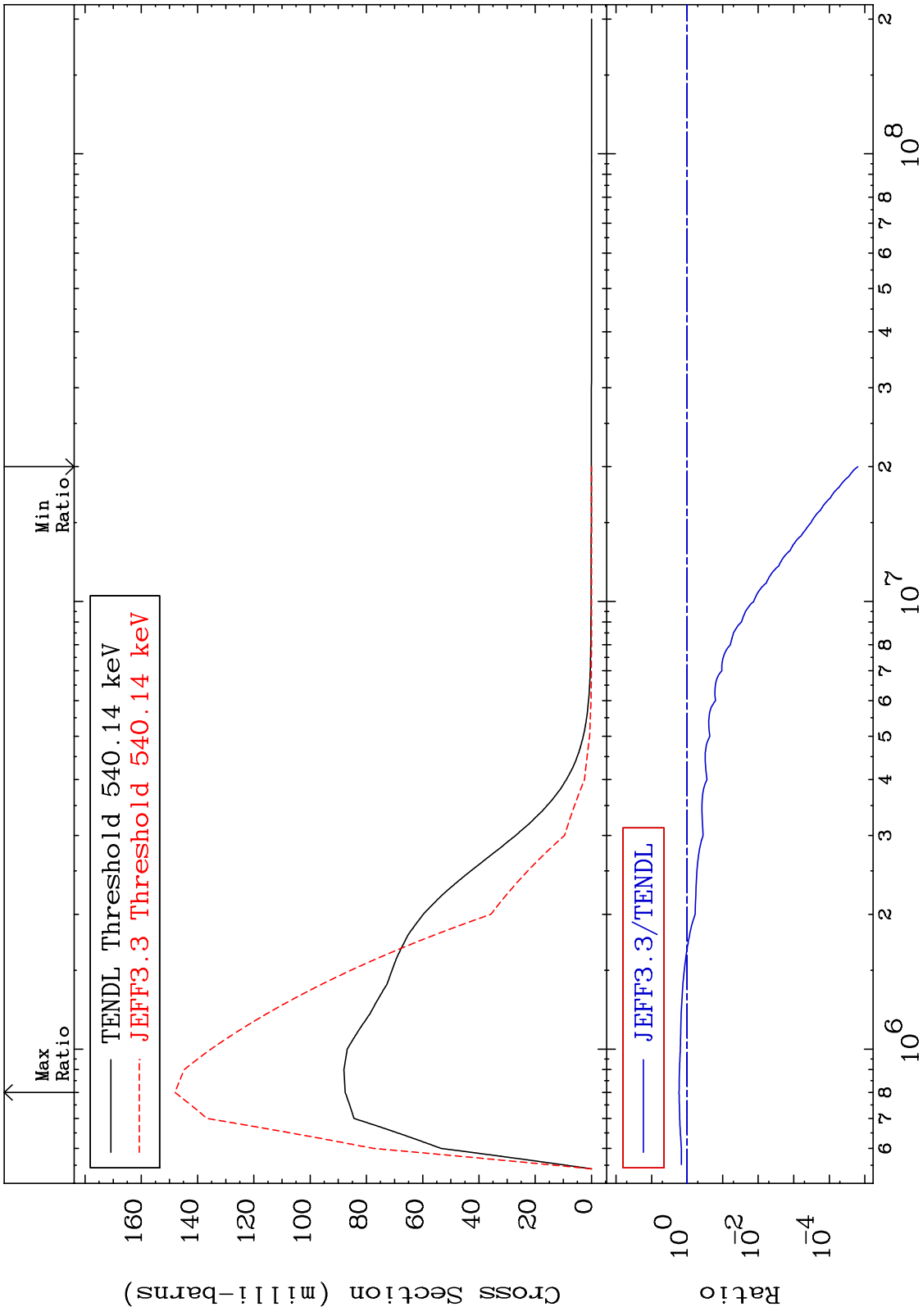
MAT 4634 MT= 56 (n,n') Level Cross Section 46-Pd-105
 -100.0 To 51.66 %



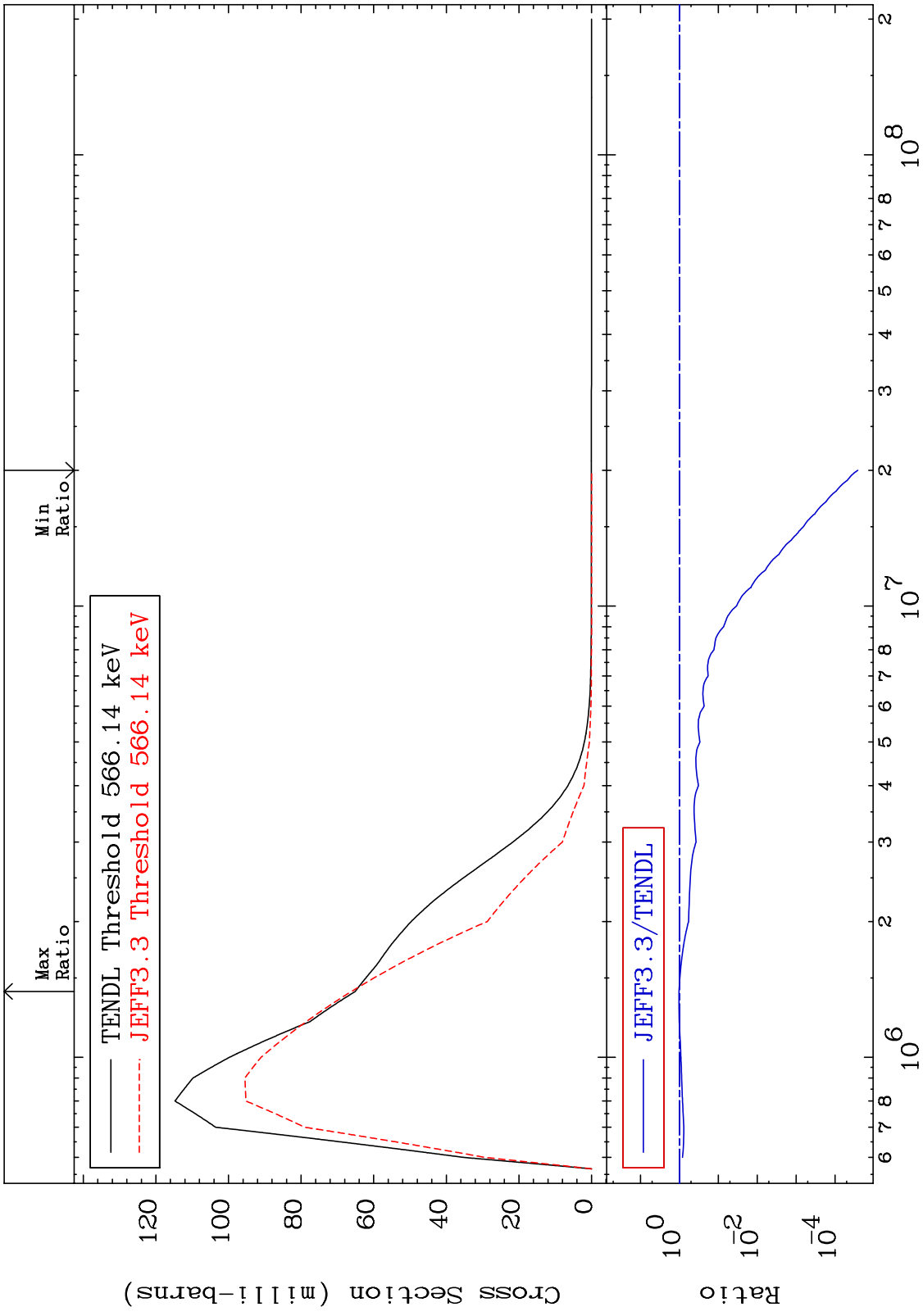
MAT 4634 MT= 57 (n,n') Level Cross Section 46-Pd-105
 -100.0 To 63.52 %



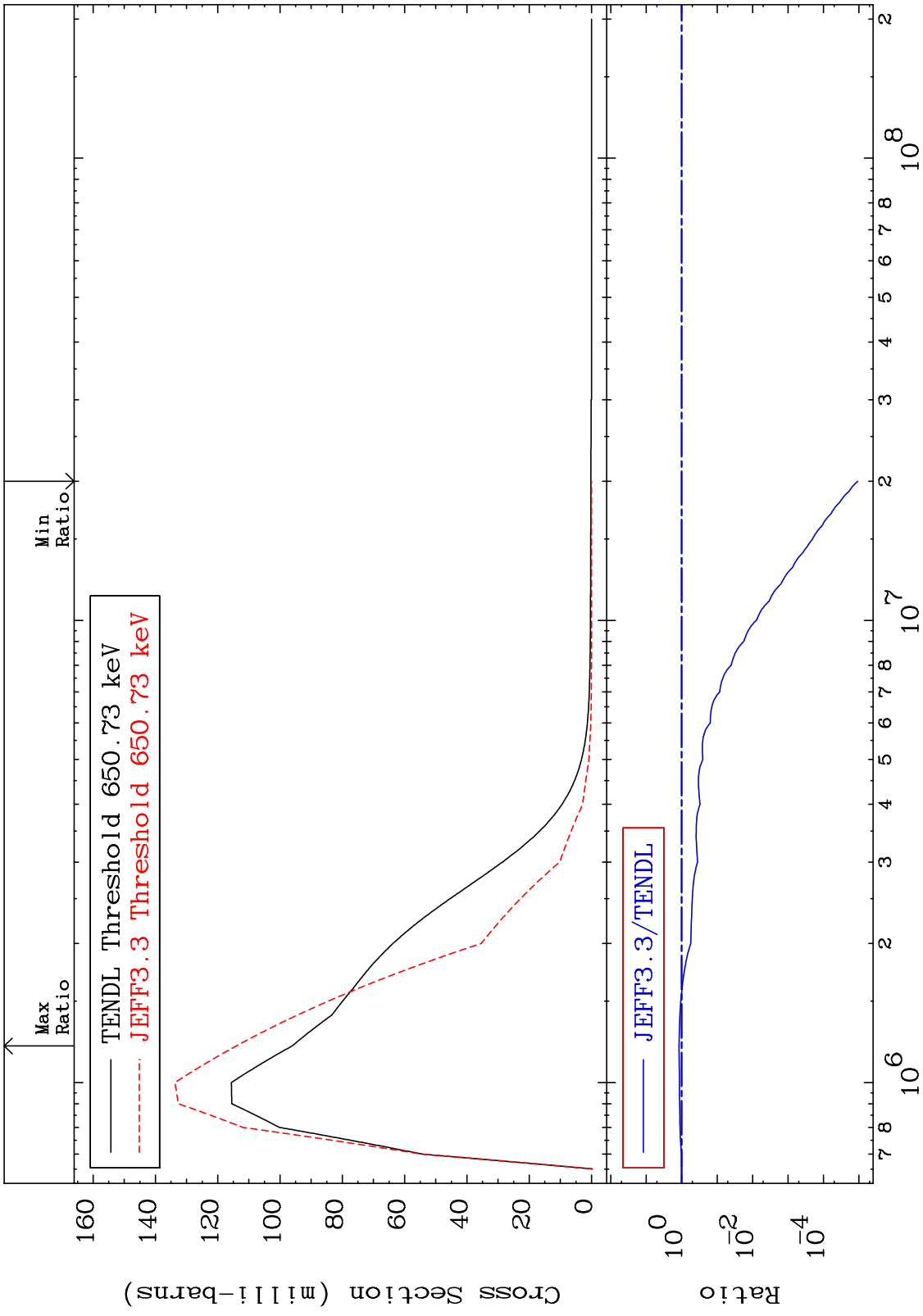
MAT 4634 MT= 58 (n,n') Level Cross Section 46-Pd-105
 -100.0 To 69.17 %



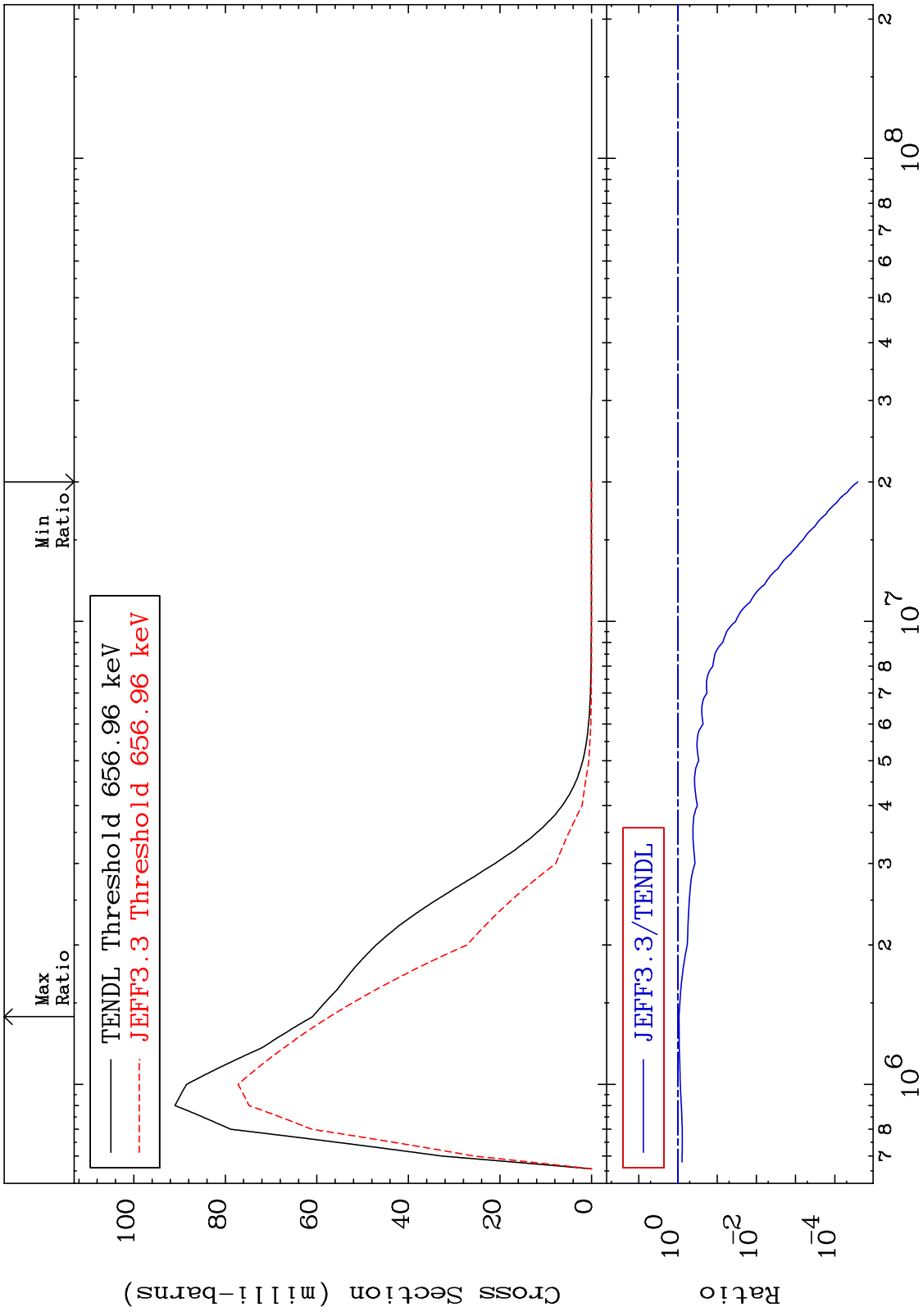
MAT 4634 MT= 59 (n,n') Level Cross Section 46-Pd-105
 -100.0 To 1.583 %



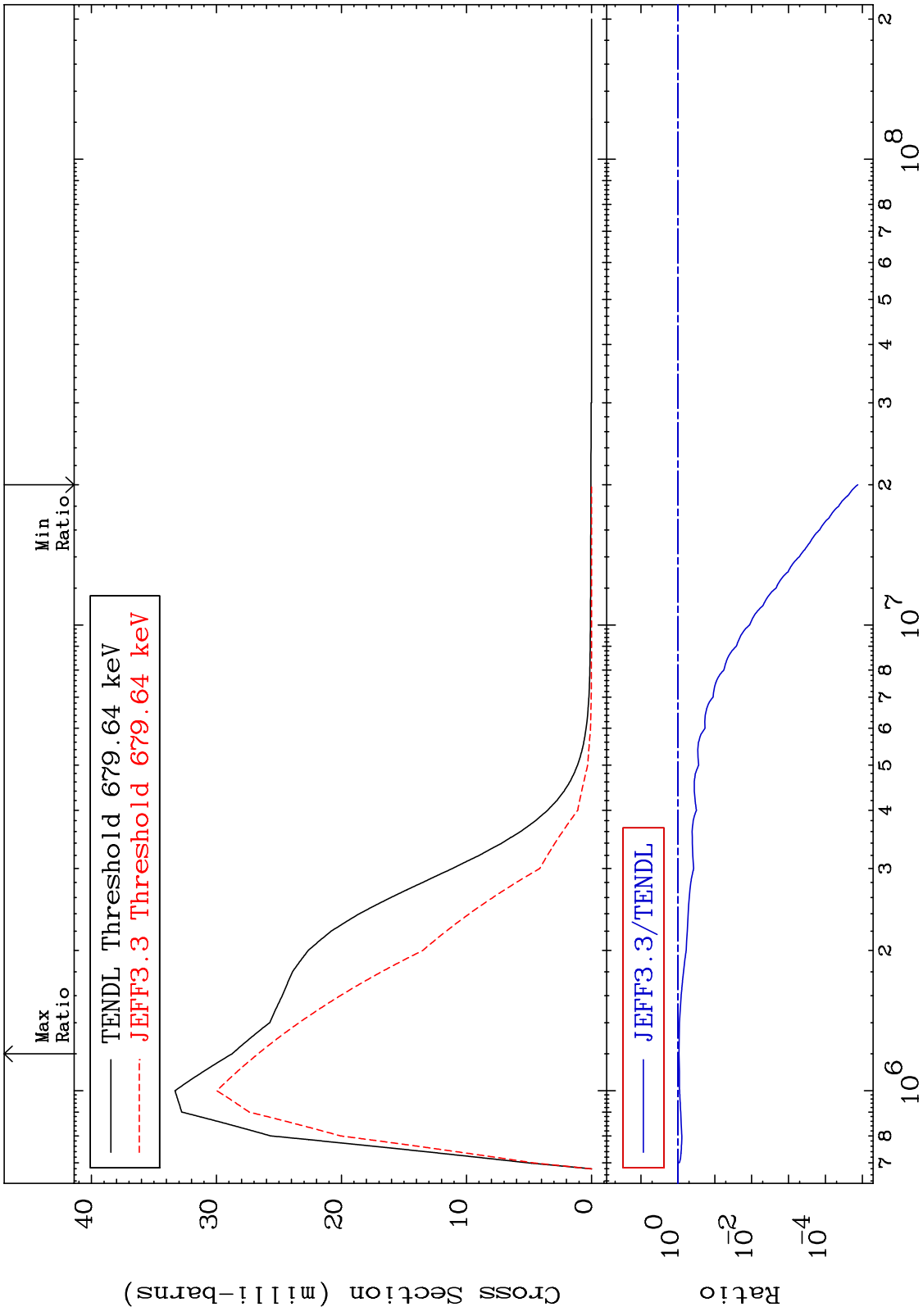
MAT 4634 MT= 60 (n,n') Level Cross Section 46-Pd-105
 -100.0 To 18.67 %



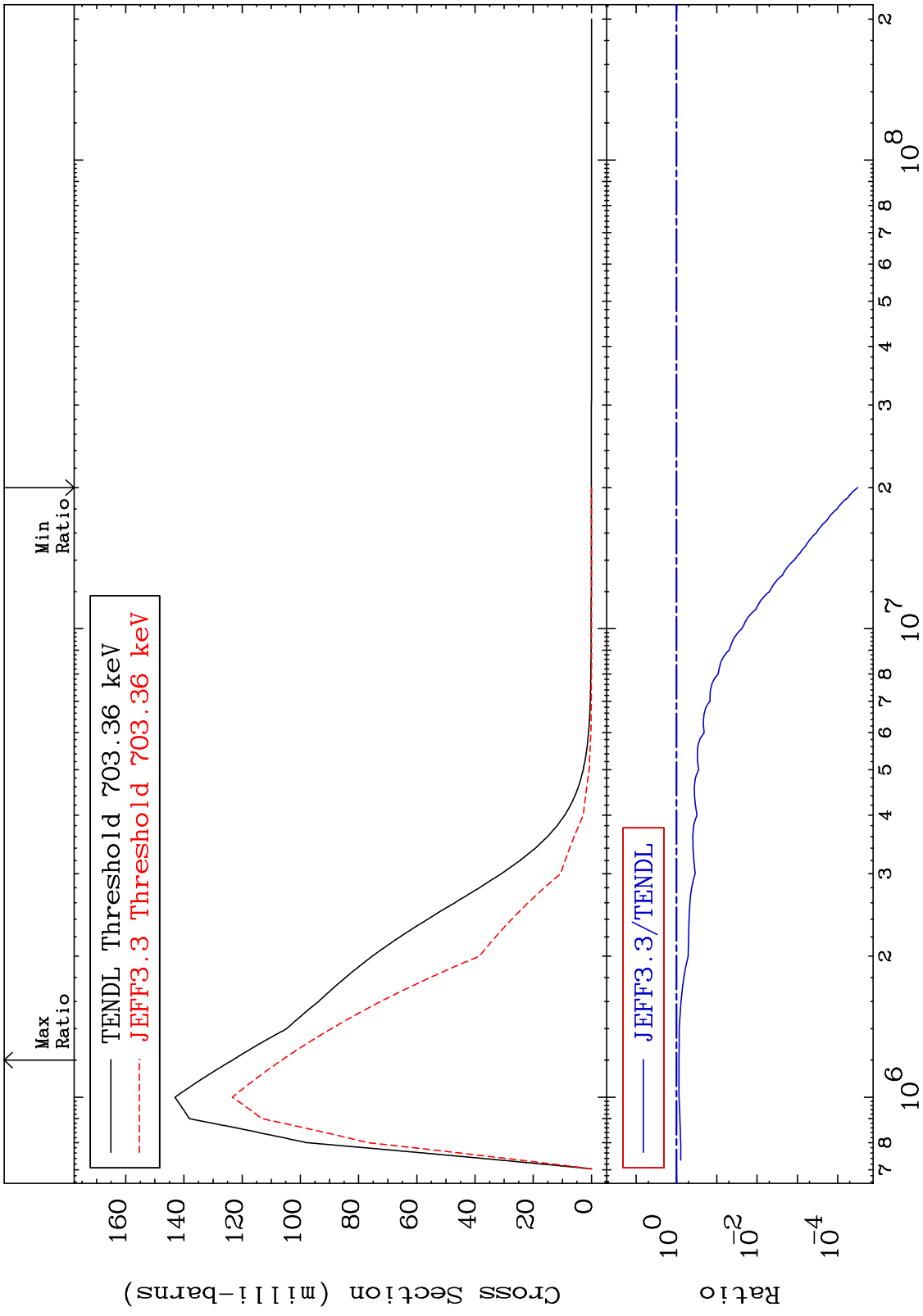
MAT 4634 MT= 61 (n,n') Level 46-Pd-105
 Cross Section -100.0 To -6.162%



MAT 4634 MT= 62 (n,n') Level Cross Section 46-Pd-105
 -100.0 To -7.206%

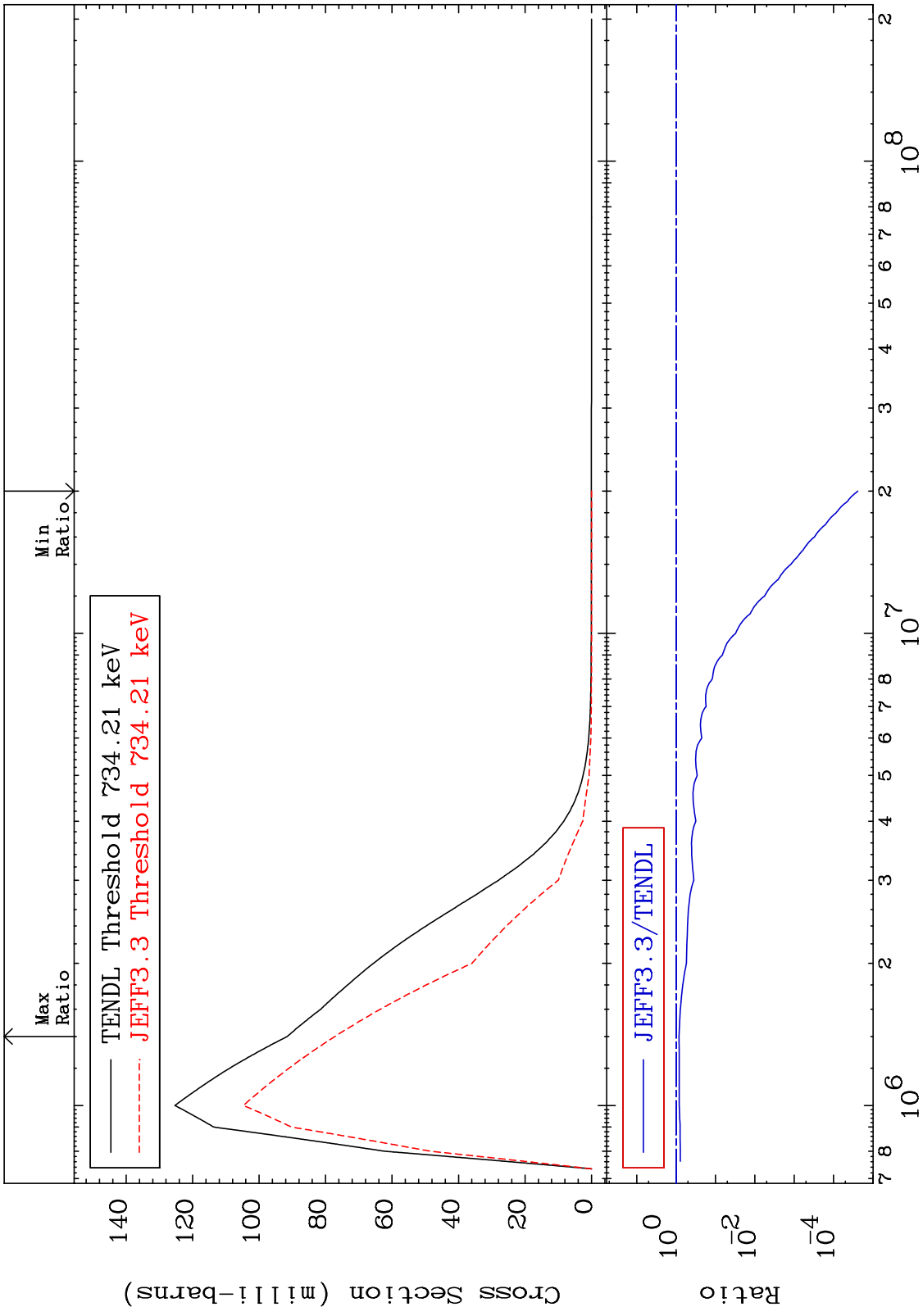


MAT 4634 MT= 63 (n,n') Level Cross Section 46-Pd-105
 -100.0 To -13.71%

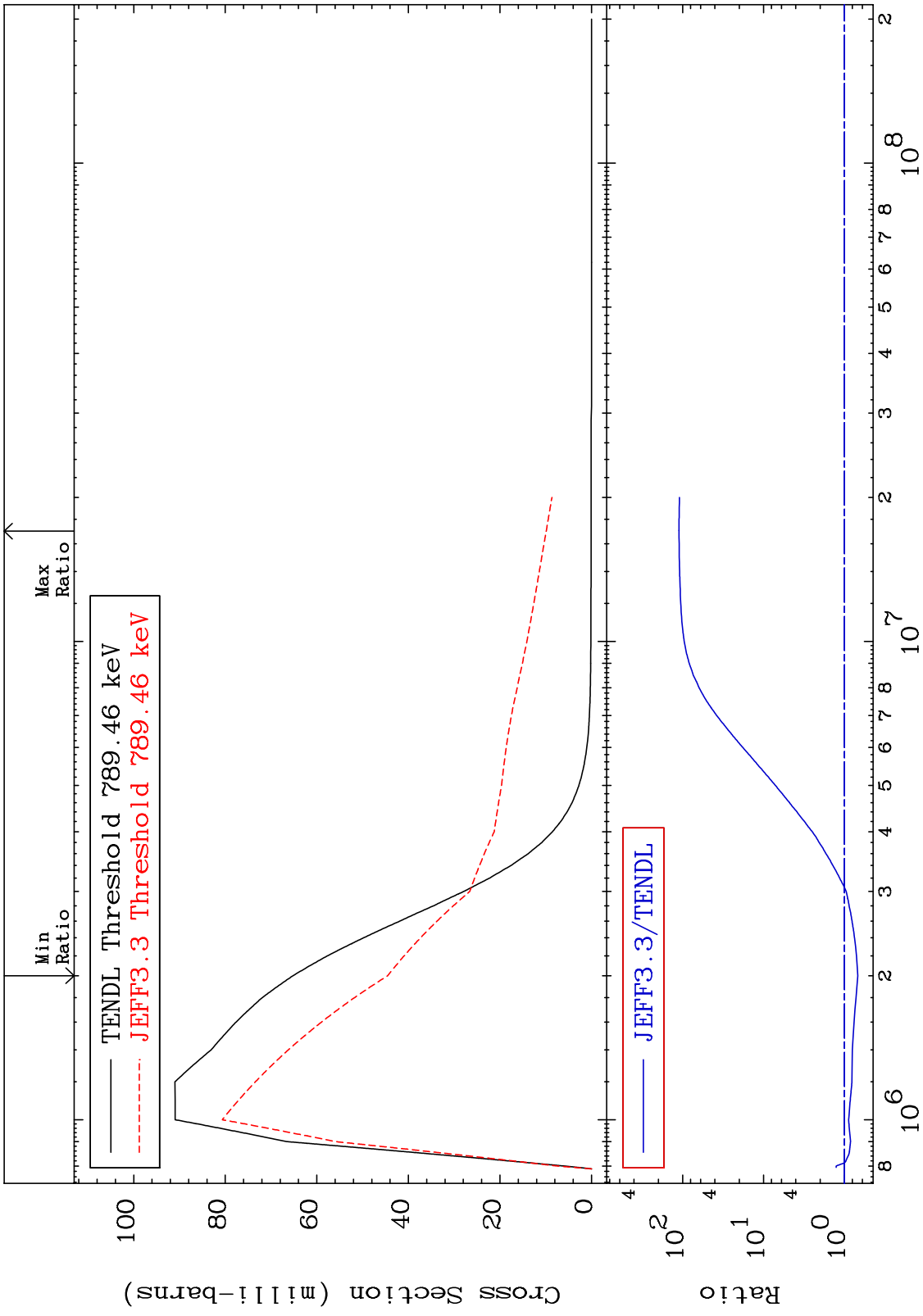


22 46-Pd-105

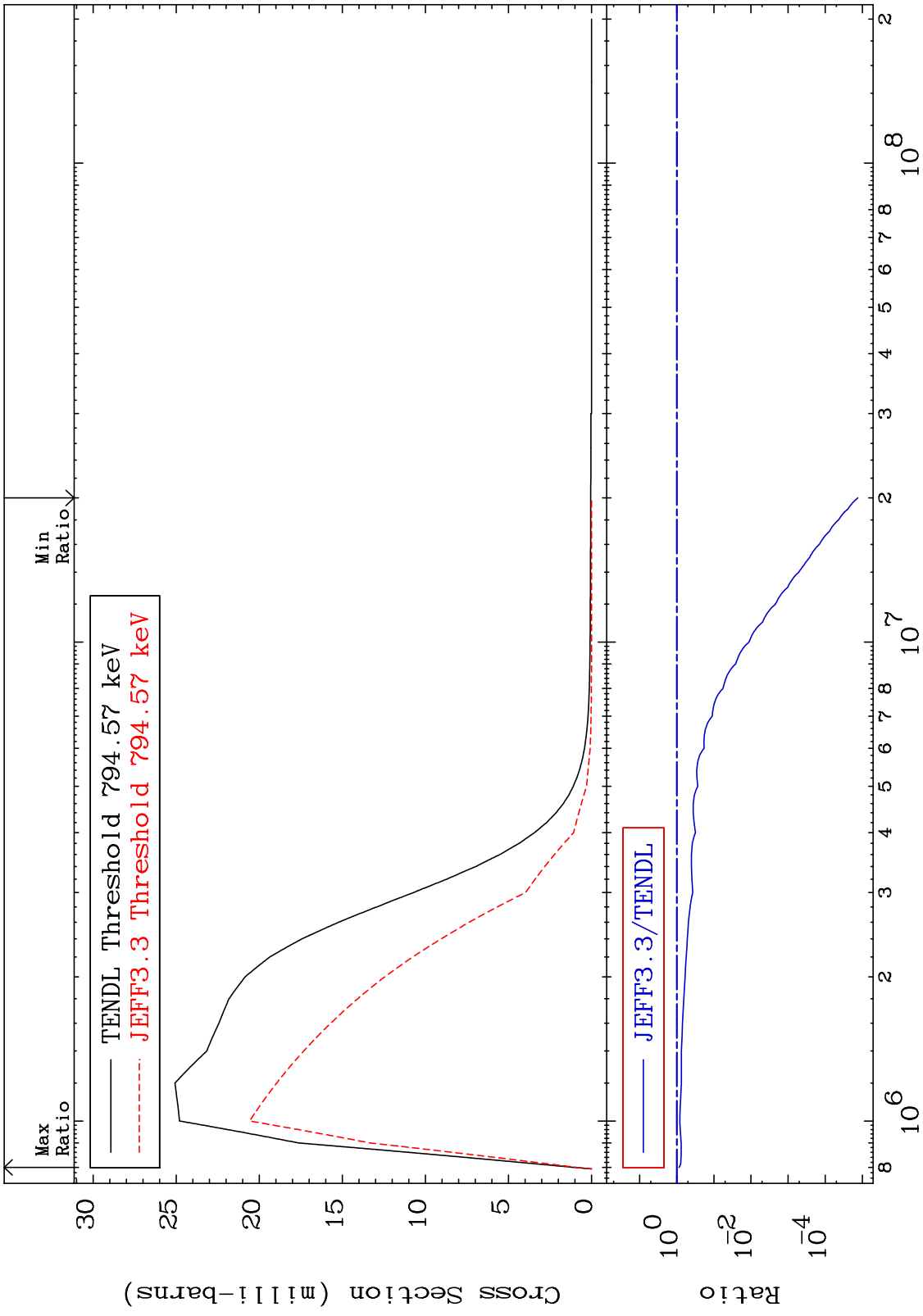
MAT 4634 MT= 64 (n,n') Level Cross Section 46-Pd-105
 -100.0 To -15.67%



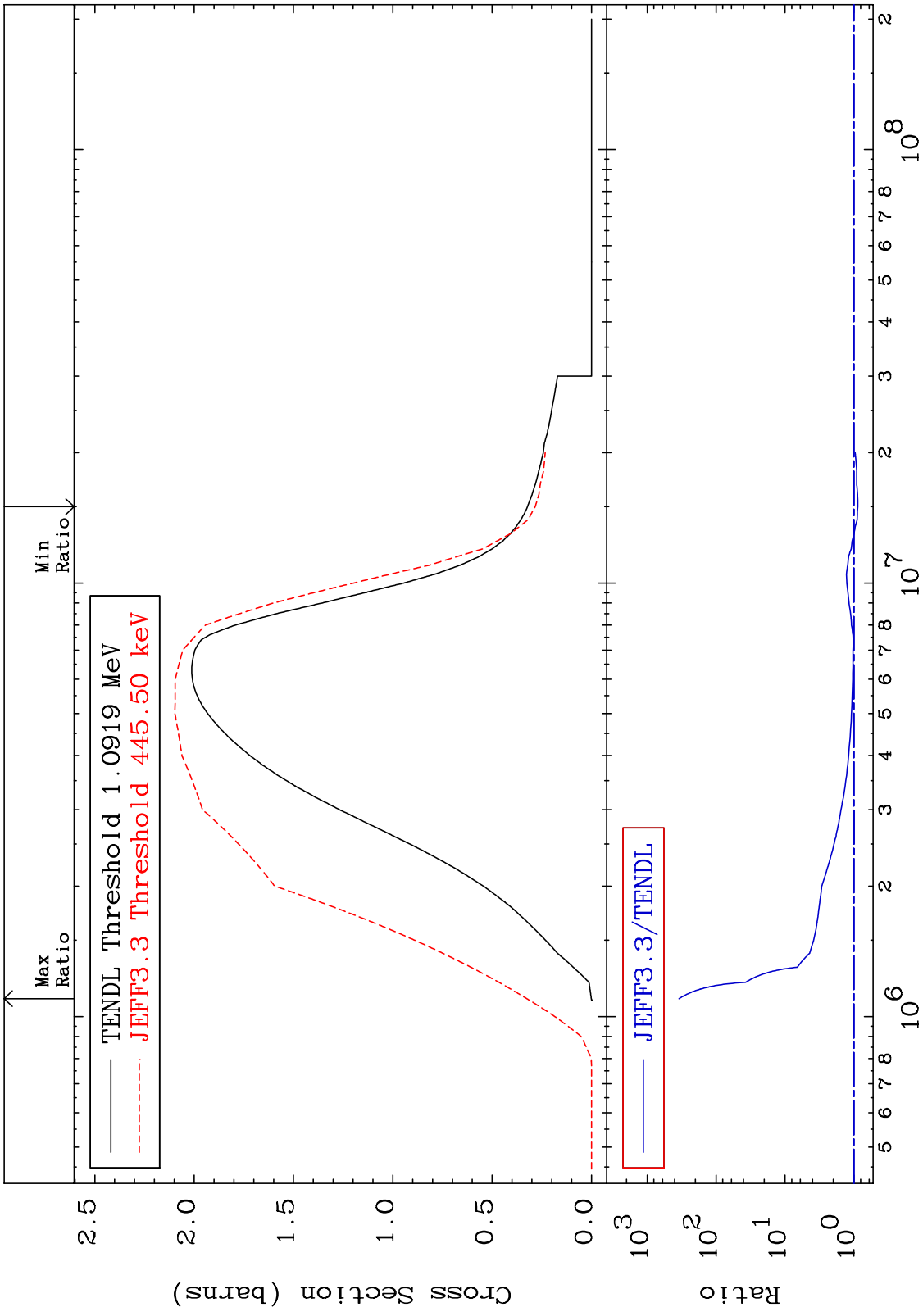
MAT 4634 MT= 65 (n,n') Level 46-Pd-105
 Cross Section -31.72 To 9999. %



MAT 4634 MT= 66 (n,n') Level Cross Section 46-Pd-105
-100.0 To -13.21%



25 46-Pd-105



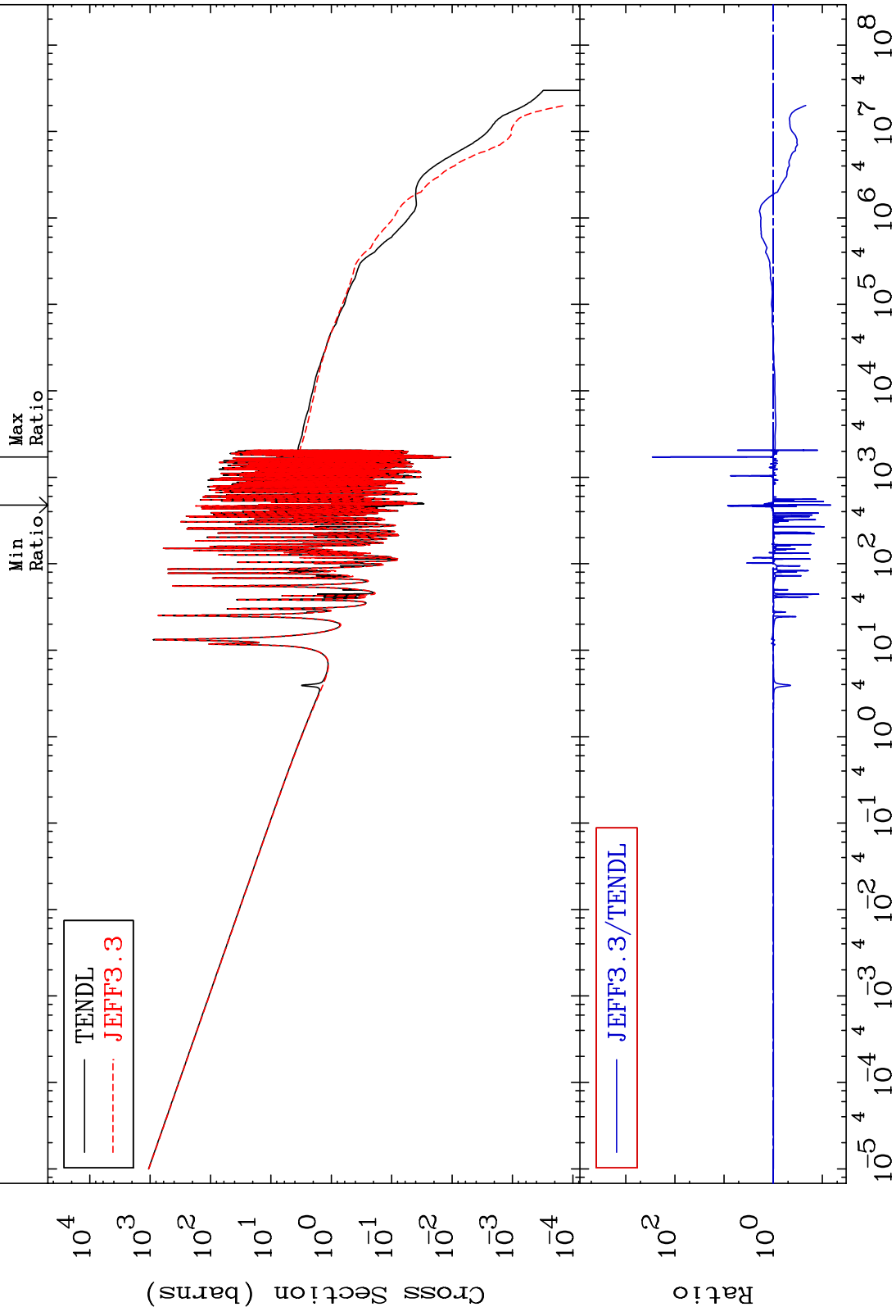
MAT 4634

(n, γ)

46-Pd-105

-93.32 To 9999. %

Cross Section



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Incident Energy (eV)

46-Pd-105

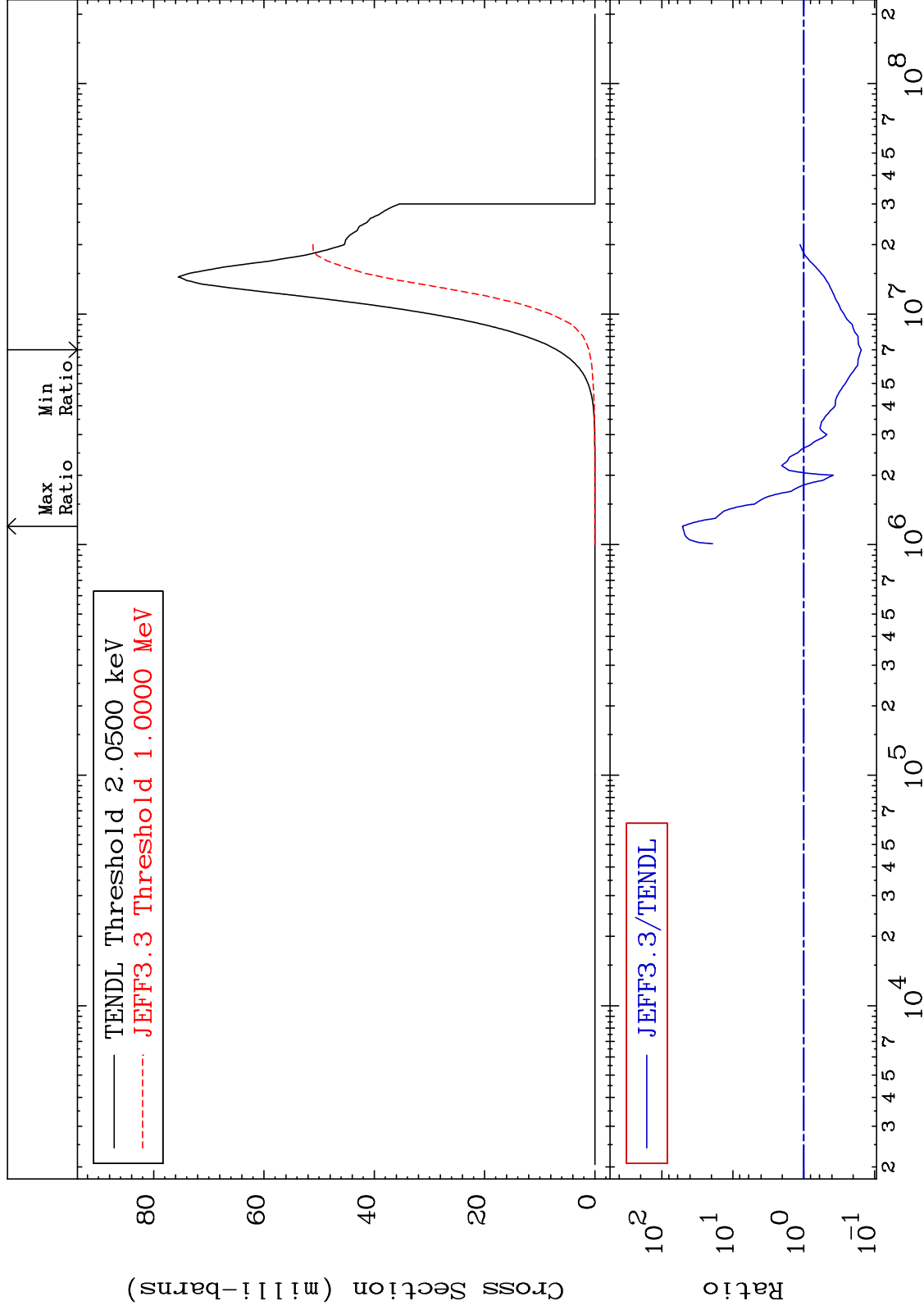
MAT 4634

(n,p)

46-Pd-105

Cross Section

-84.59 To 5034. %



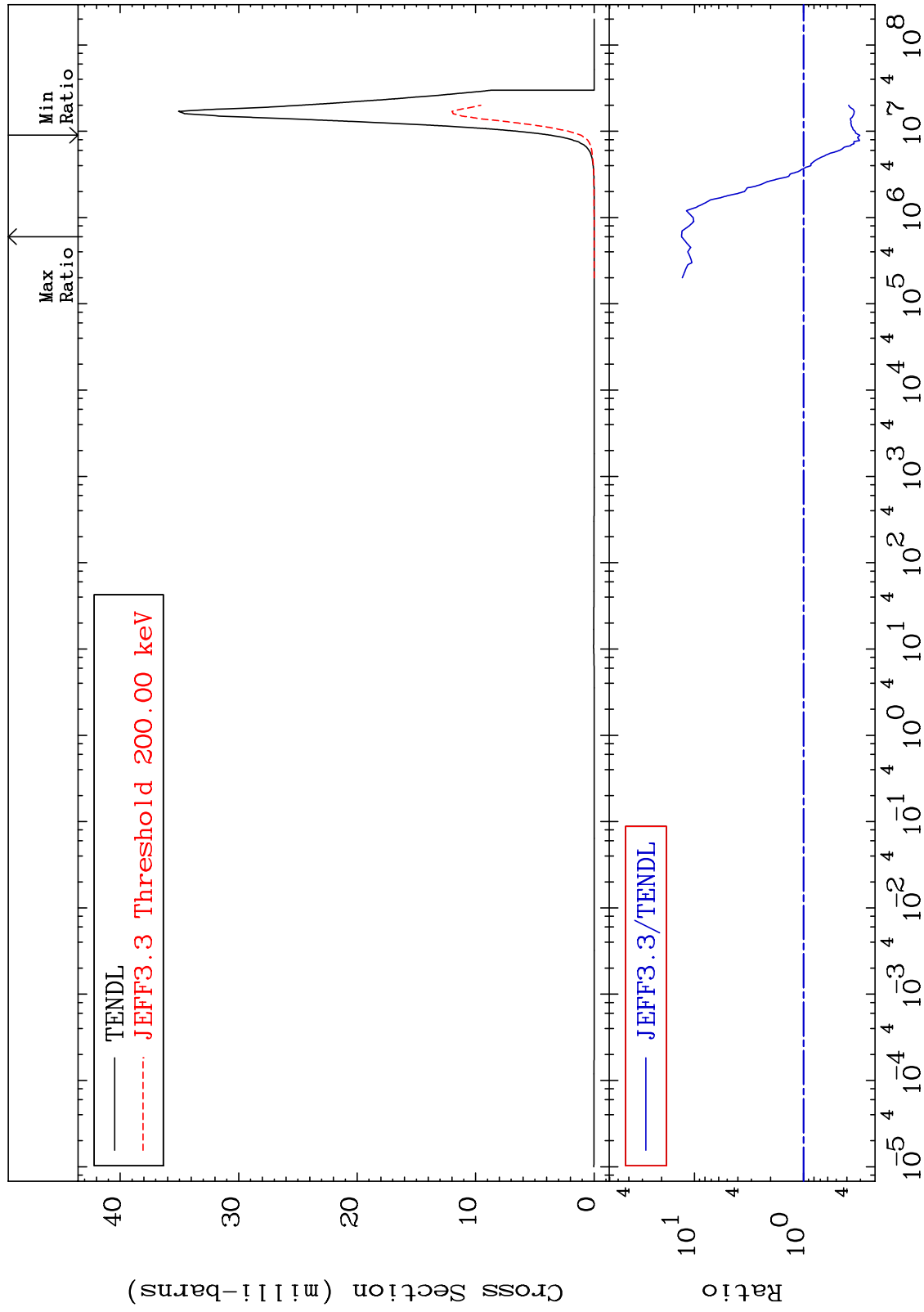
MAT 4634

(n, α)

46-Pd-105

Cross Section

-69.57 To 1214. %



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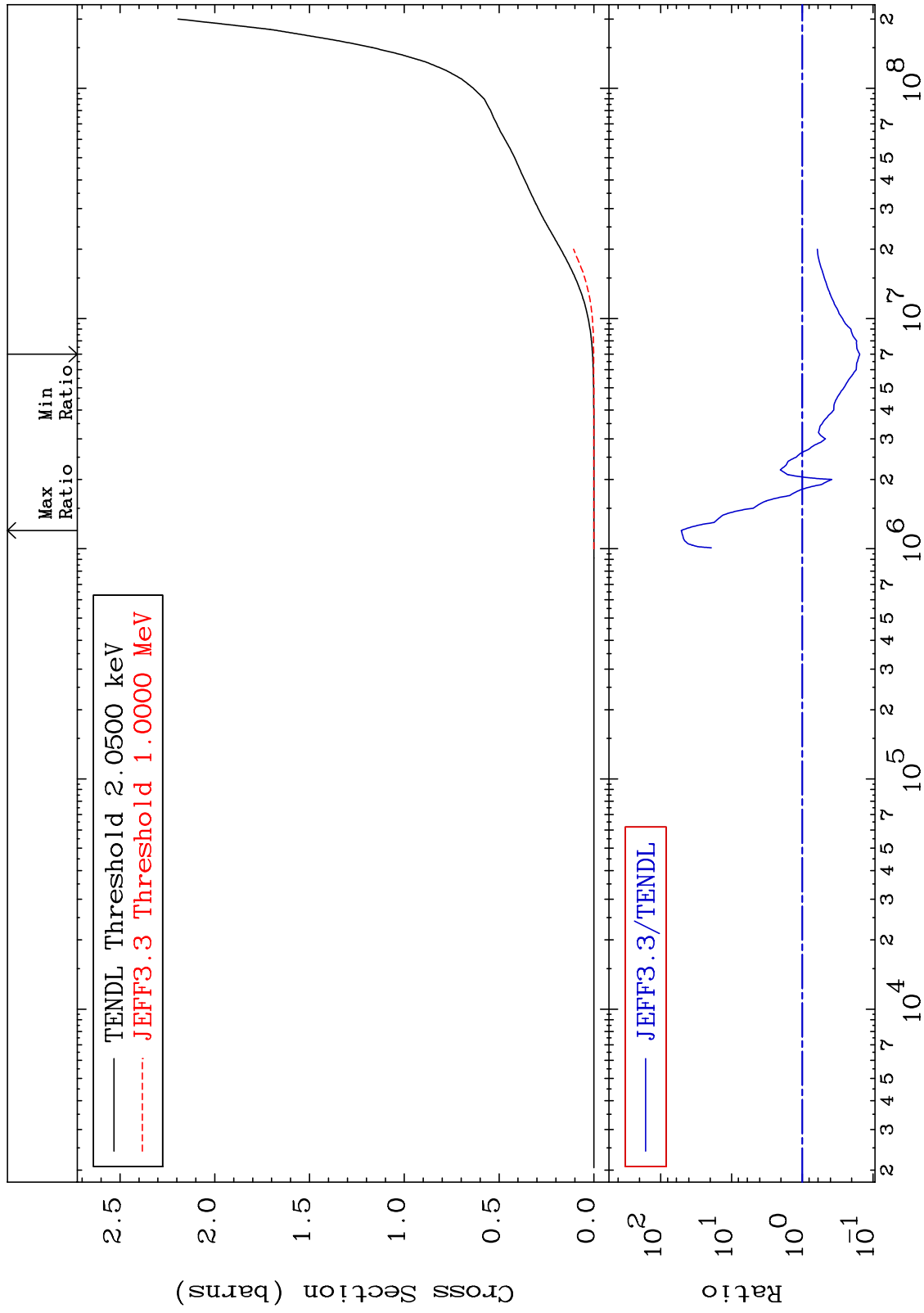
Incident Energy (eV)

46-Pd-105

MAT 4634

Hydrogen Production
Cross Section

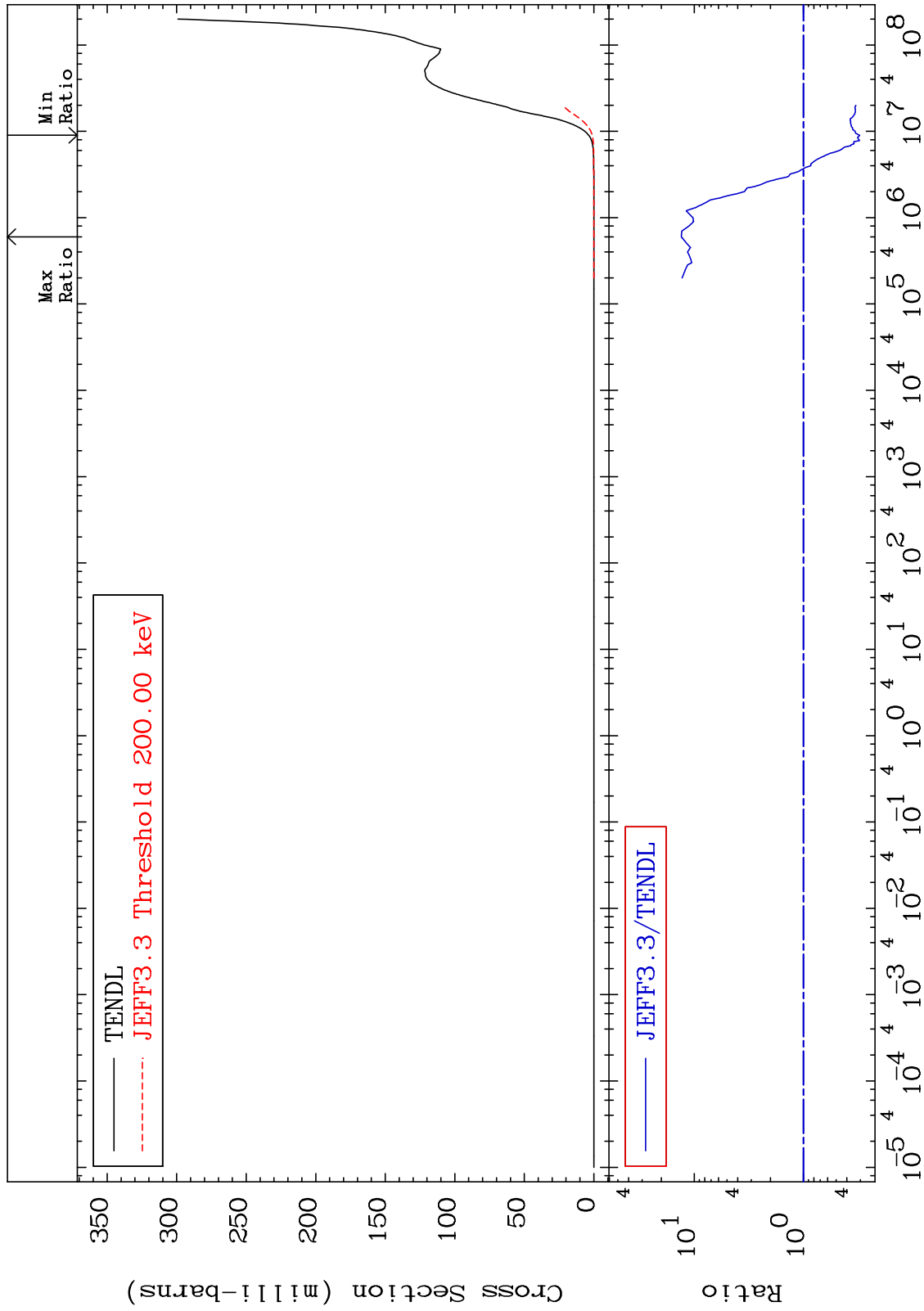
46-Pd-105
-84.59 To 5034. %



MAT 4634

He-4 Production
Cross Section

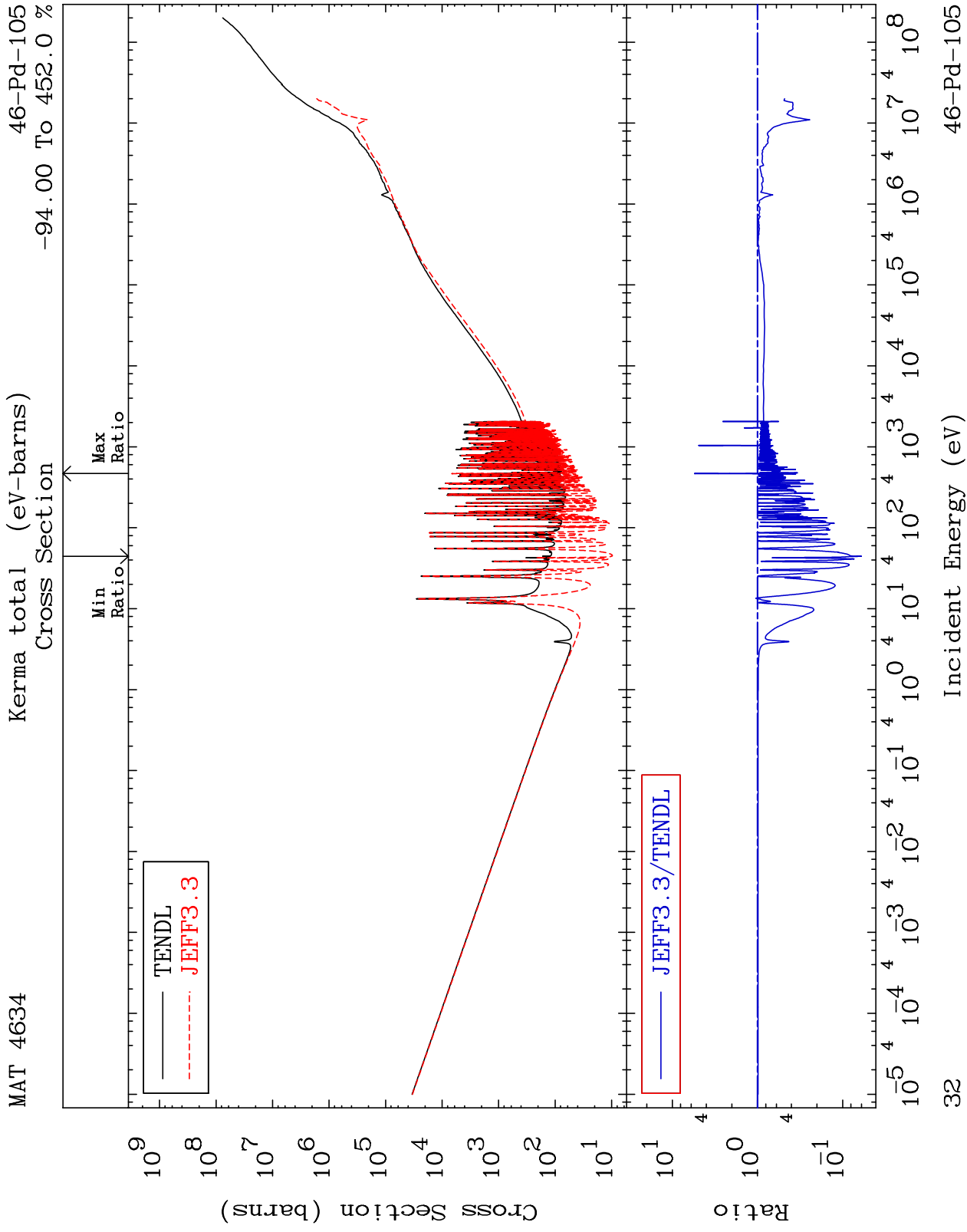
46-Pd-105
-69.57 To 1214. %



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Incident Energy (eV)

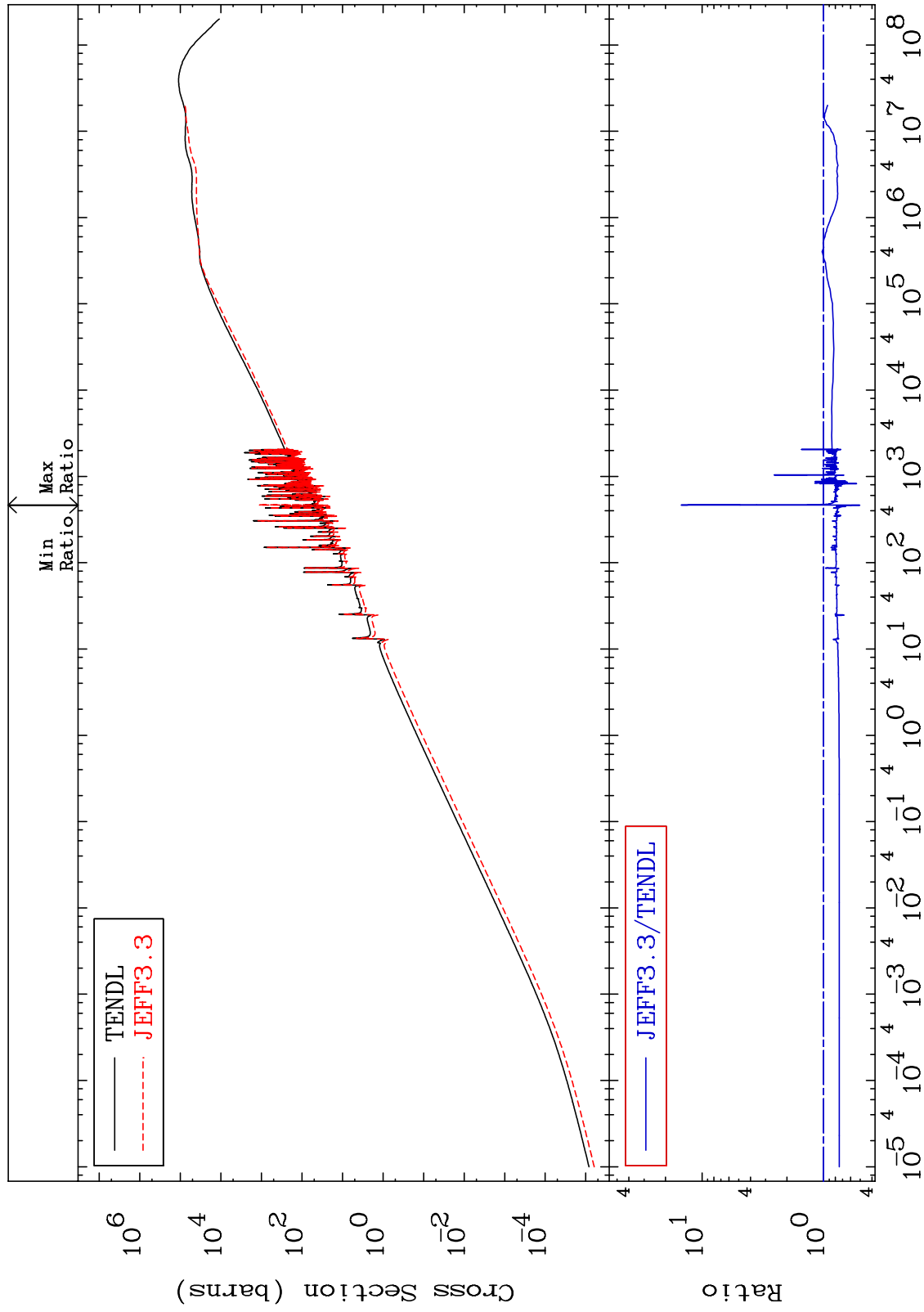
46-Pd-105



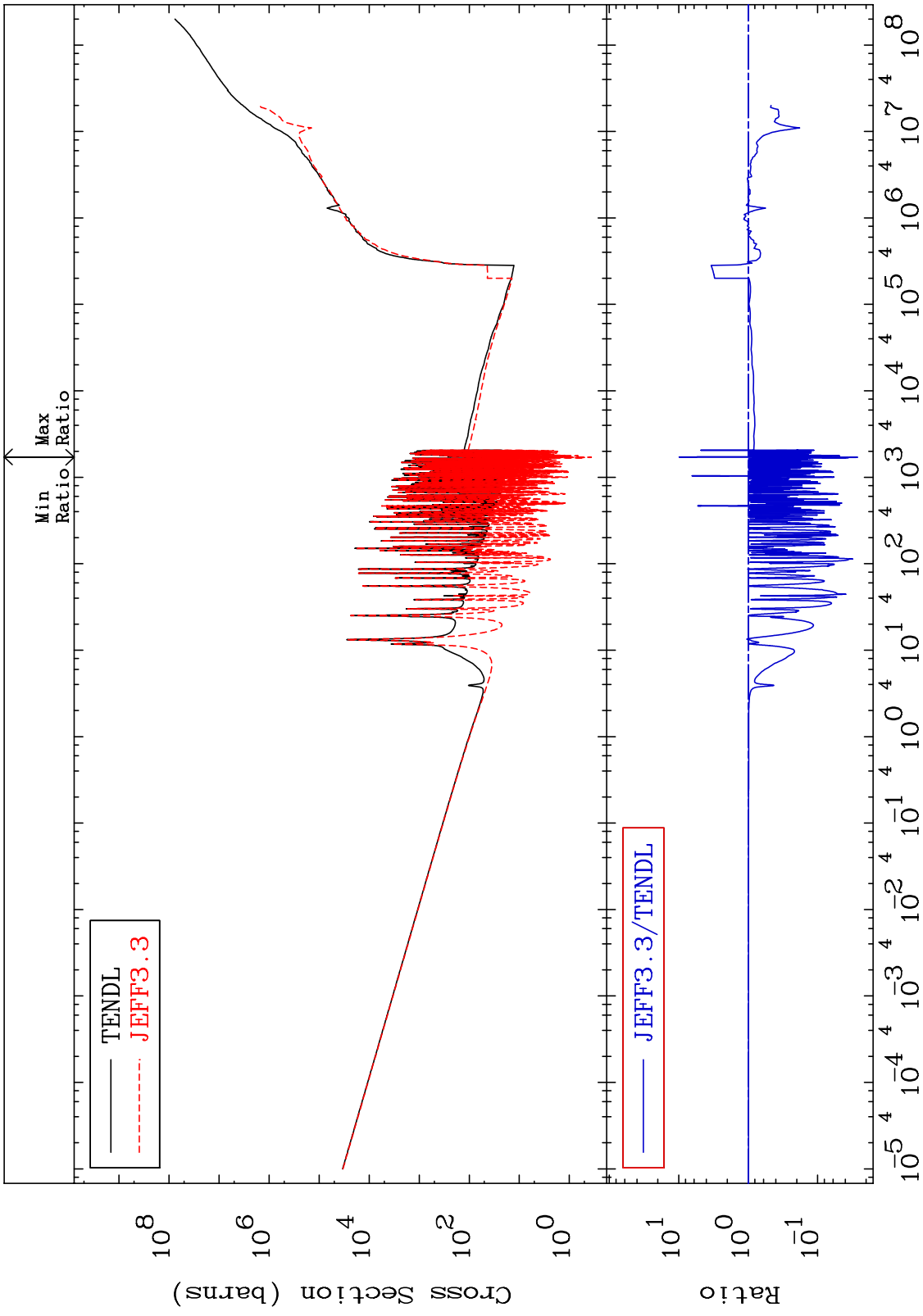
MAT 4634

Kerma elastic
Cross Section

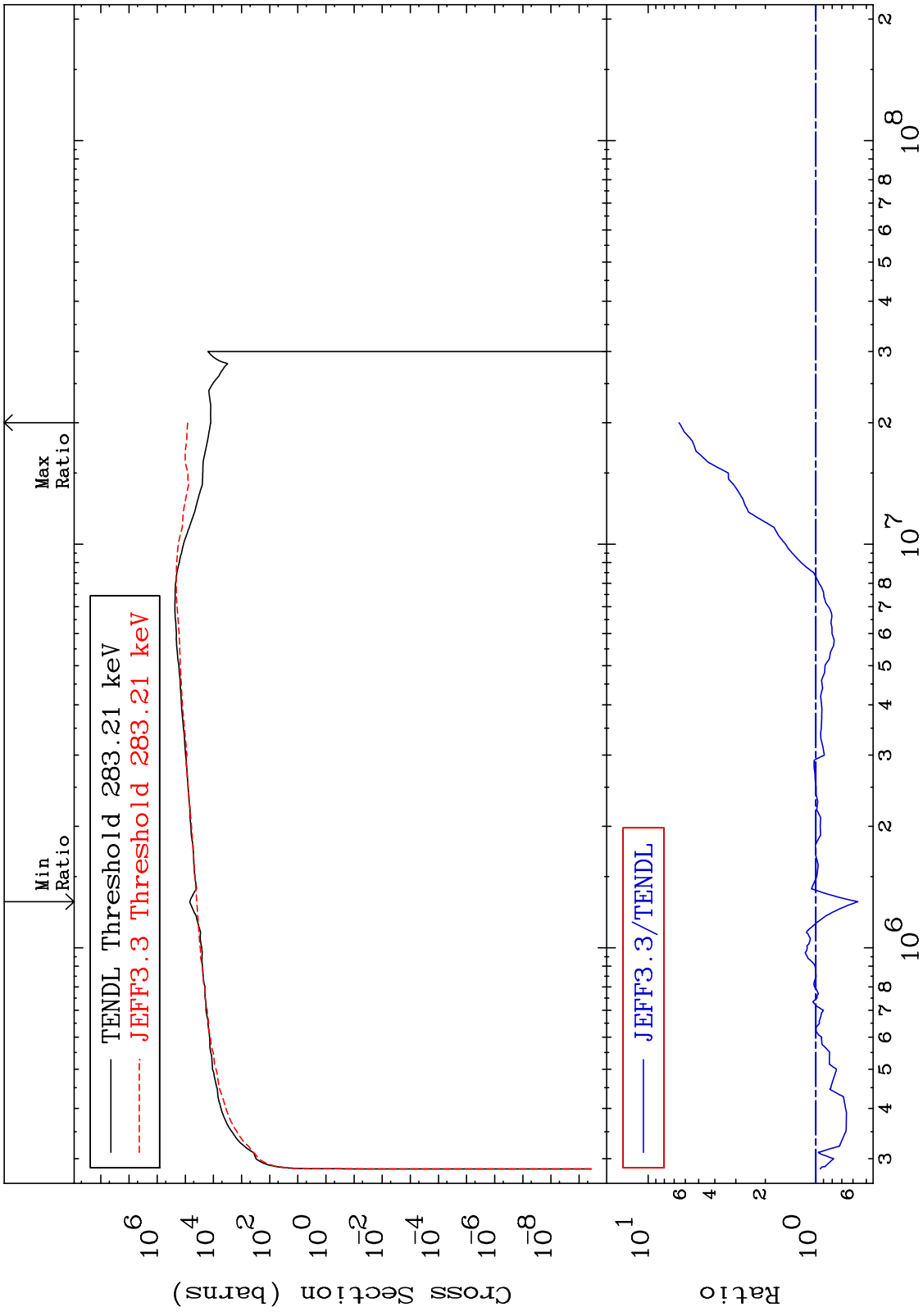
46-Pd-105
-49.60 To 1377. %



MAT 4634 Kerma non-elastic (all but mt.2) 46-Pd-105
 Cross Section -97.37 To 889.9 %



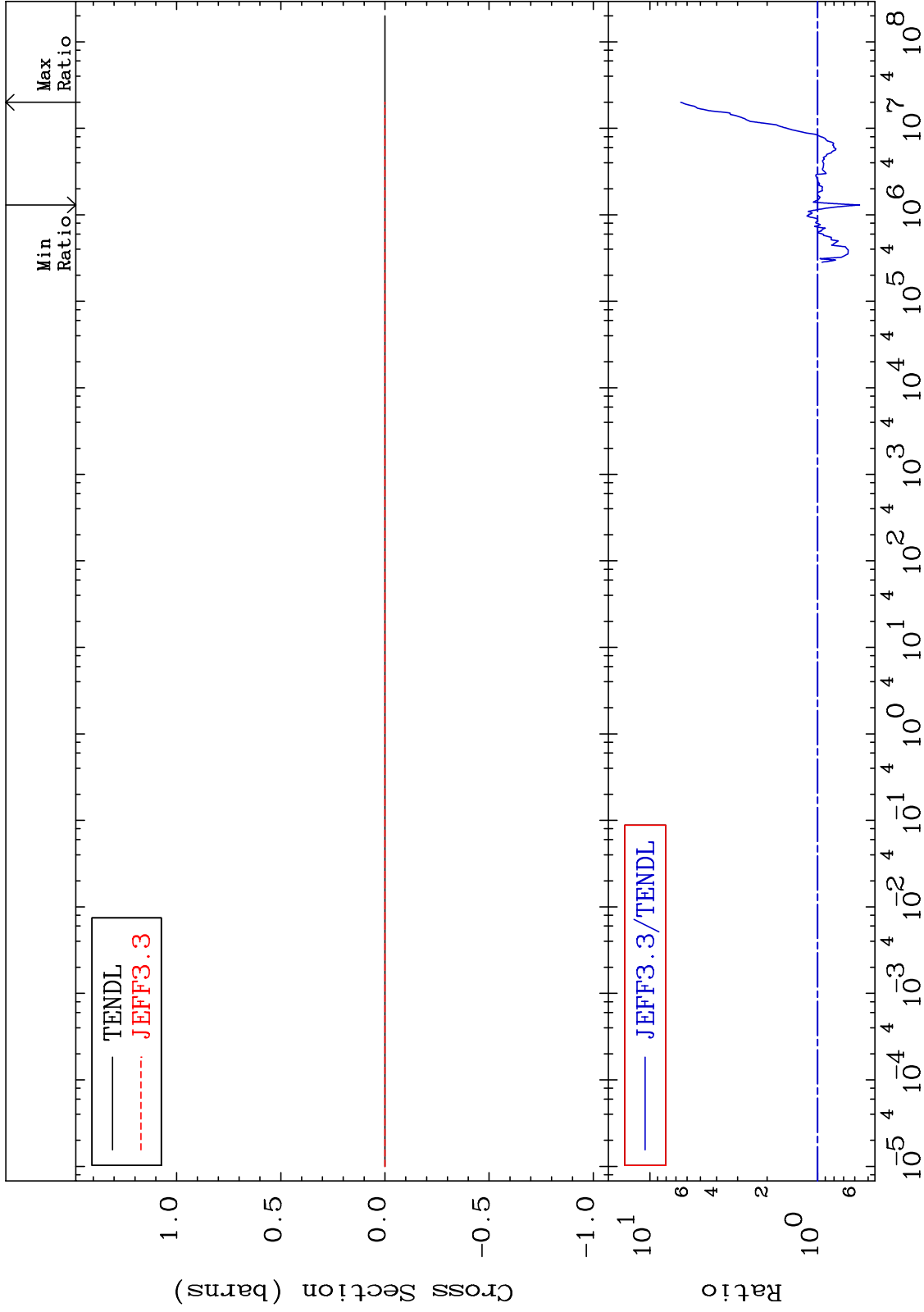
MAT 4634 Kerma inelastic (mt51-91) 46-Pd-105
 Cross Section -43.80 To 554.2 %



MAT 4634

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

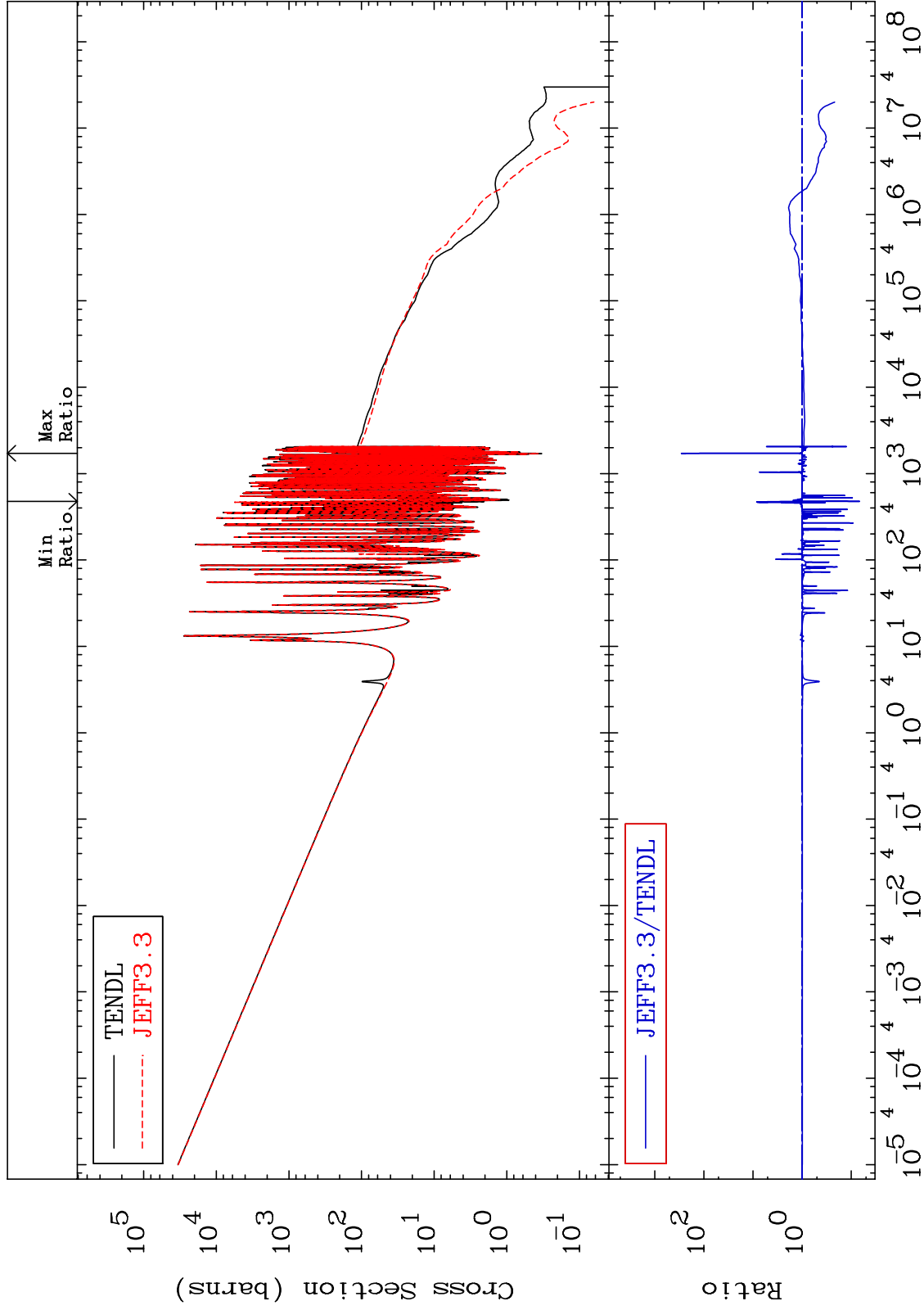
46-Pd-105
-43.80 To 554.2 %



MAT 4634

Kerma capture (mt102)
Cross Section

46-Pd-105
-93.32 To 9999. %



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Incident Energy (eV)

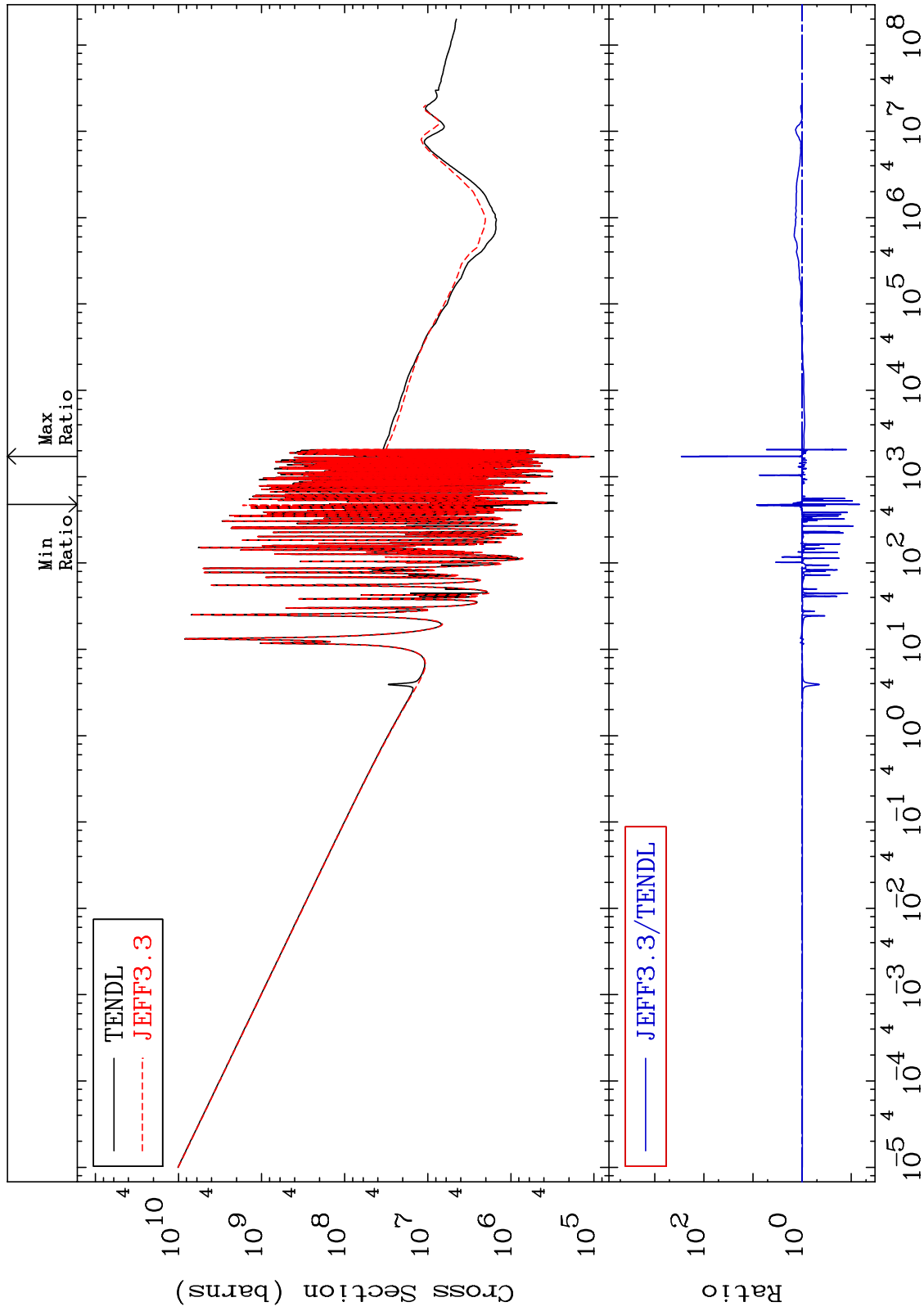
46-Pd-105

MAT 4634

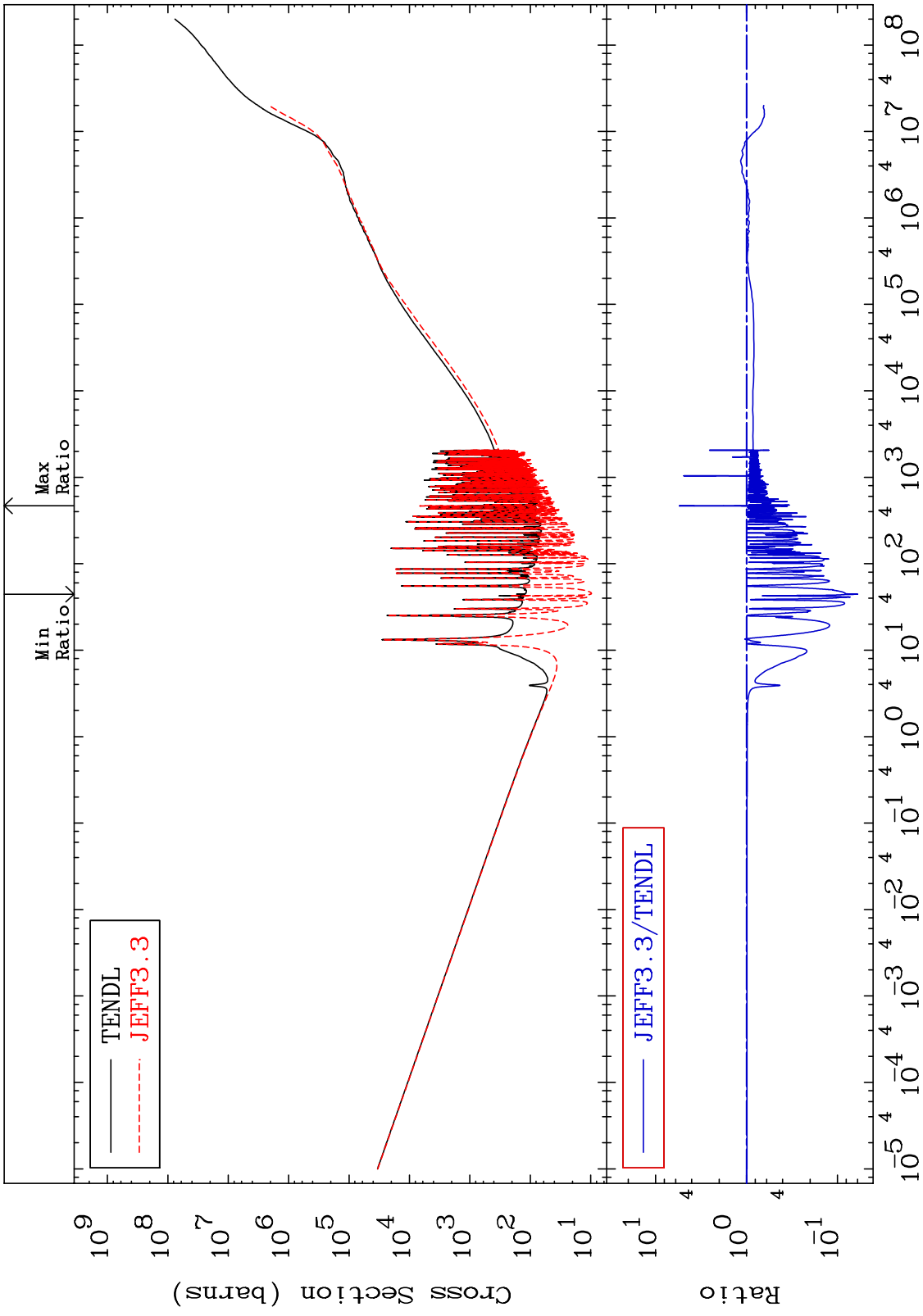
Total photon (eV-barns)
Cross Section

46-Pd-105

-93.32 To 9999. %



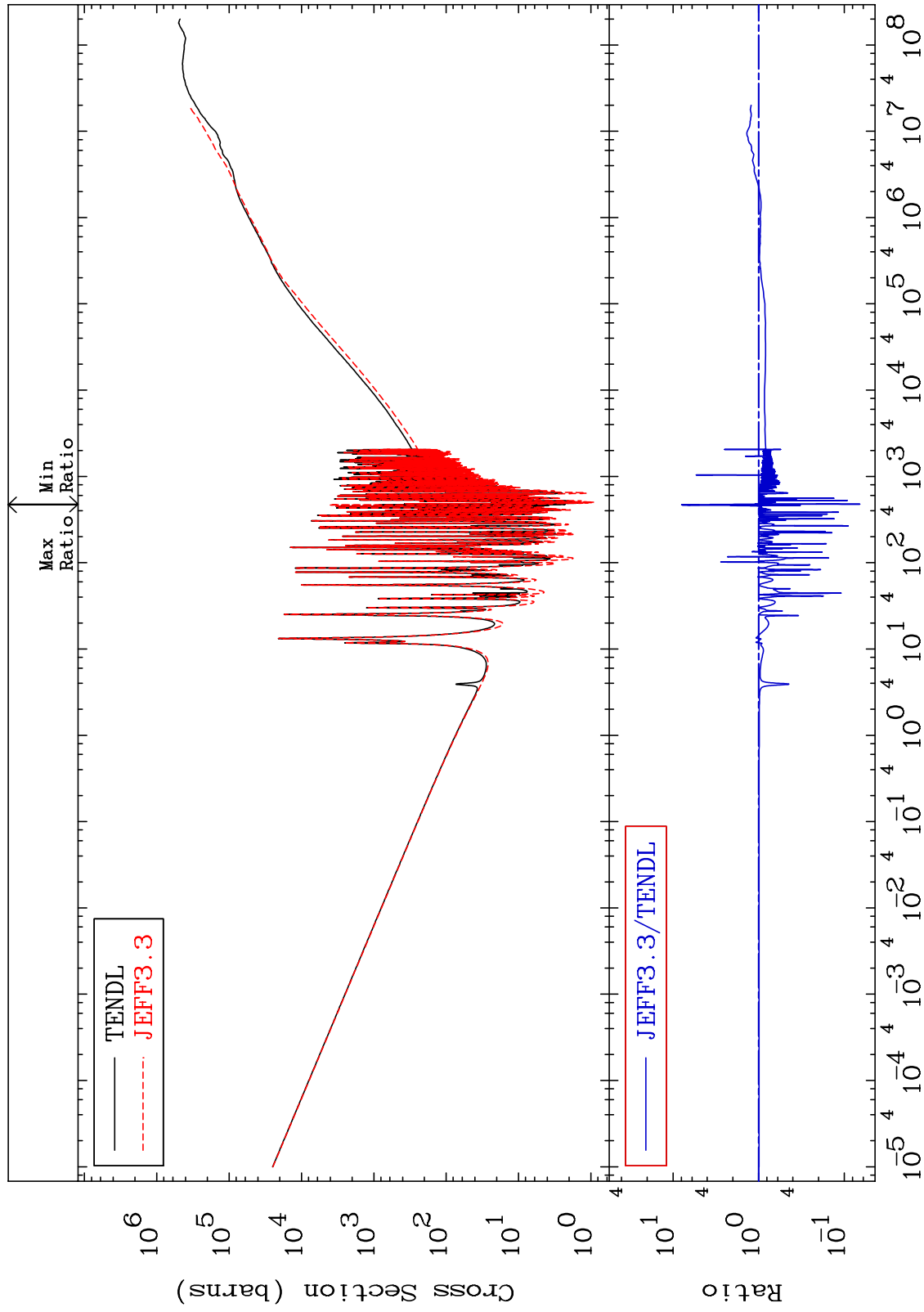
MAT 4634 Total kinematic kerma (high limit) 46-Pd-105
 Cross Section -94.03 To 451.9 %



MAT 4634

Dpa total (eV-barns)
Cross Section

46-Pd-105
-93.41 To 697.3 %

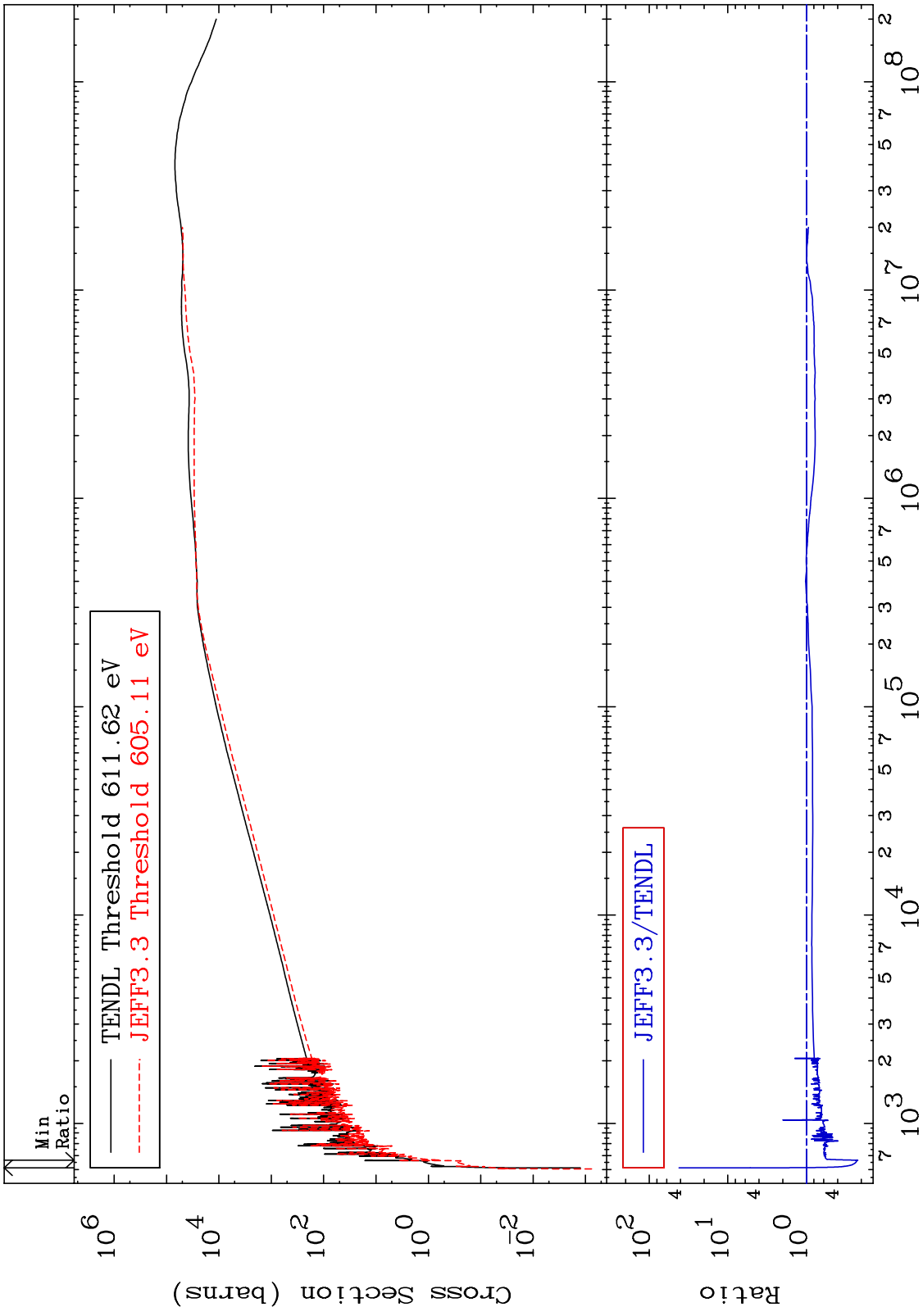


40

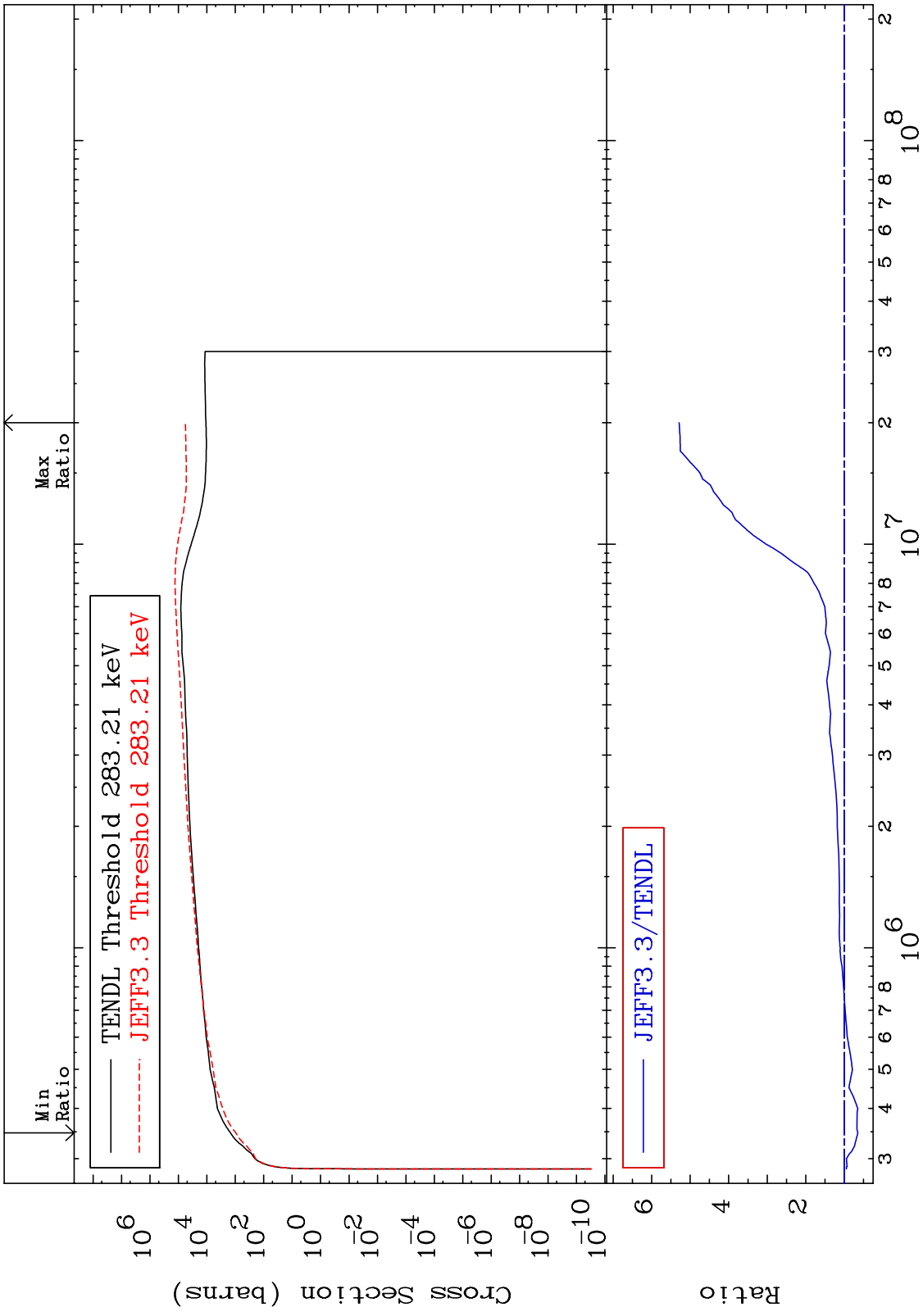
Incident Energy (eV)

46-Pd-105

MAT 4634 Dpa elastic (mt2) 46-Pd-105
 Cross Section -77.91 To 4082. %



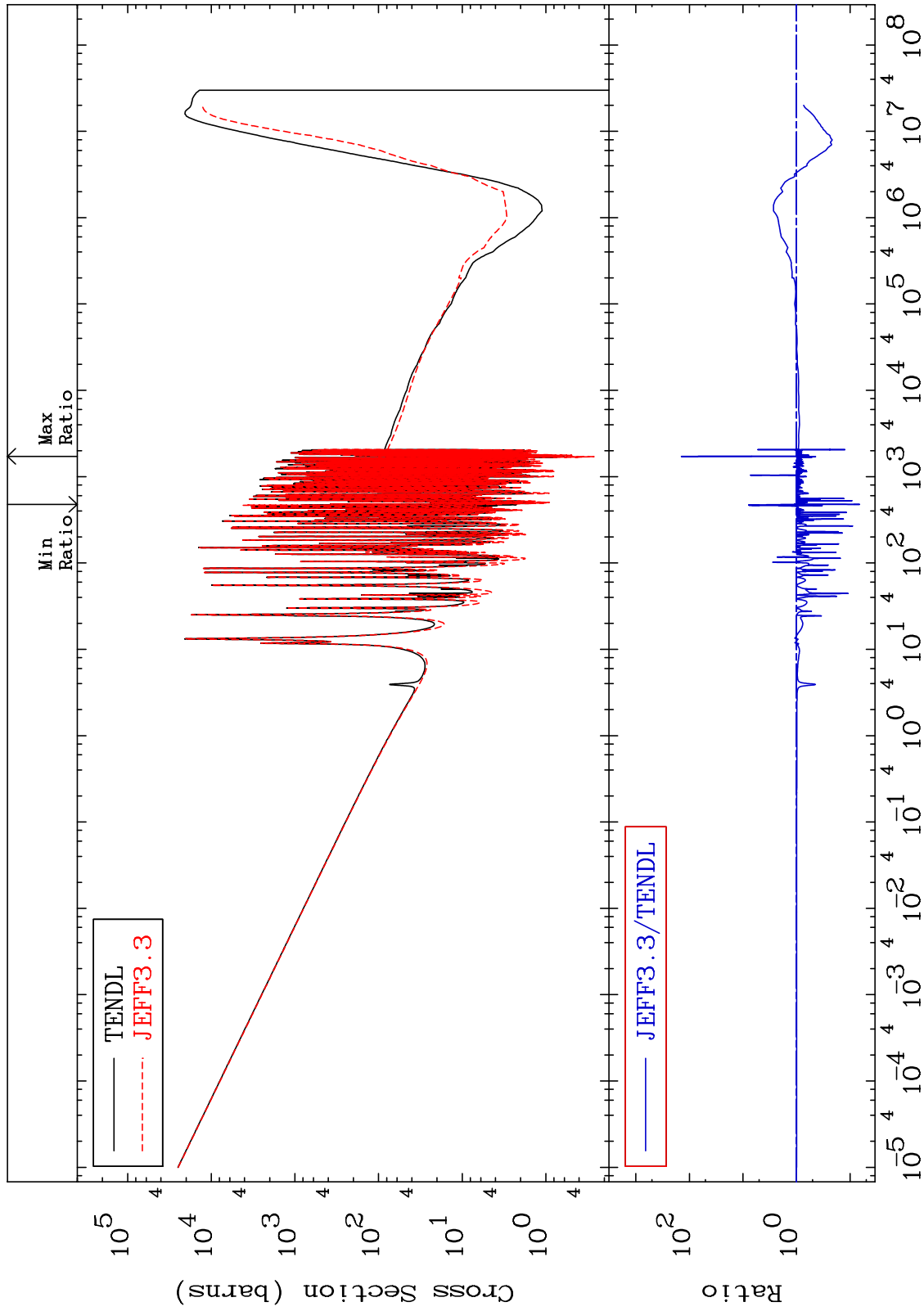
MAT 4634 Dpa inelastic (mt51-91) 46-Pd-105
 Cross Section -35.11 To 428.8 %



MAT 4634

Dpa disappearance (mt102 -120)
Cross Section

46-Pd-105
-93.41 To 9999. %



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Incident Energy (eV)

46-Pd-105