

Program Complot
(Version 2018-1)

by

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U.S.A.

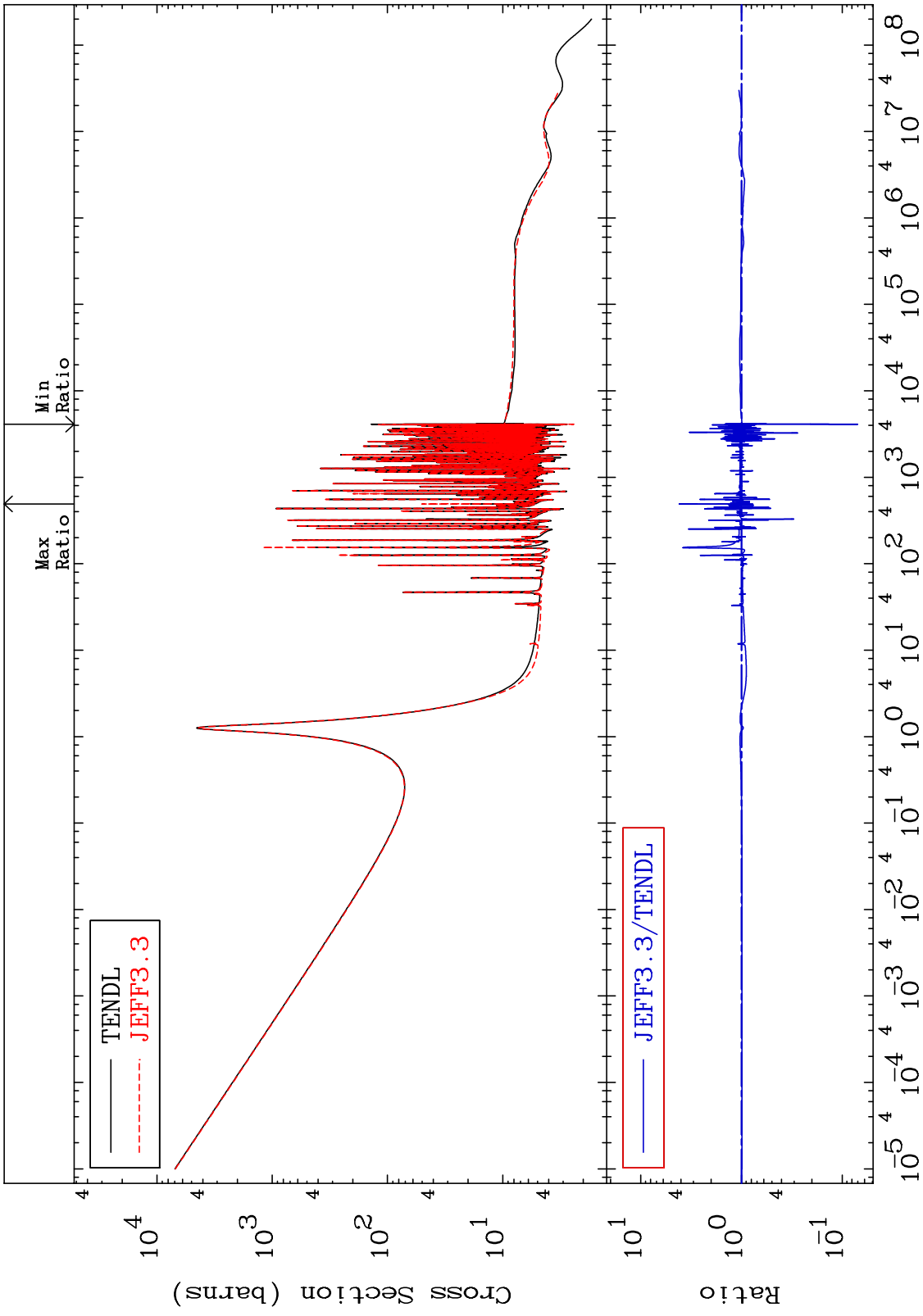
Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
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Press Mouse Button to Start

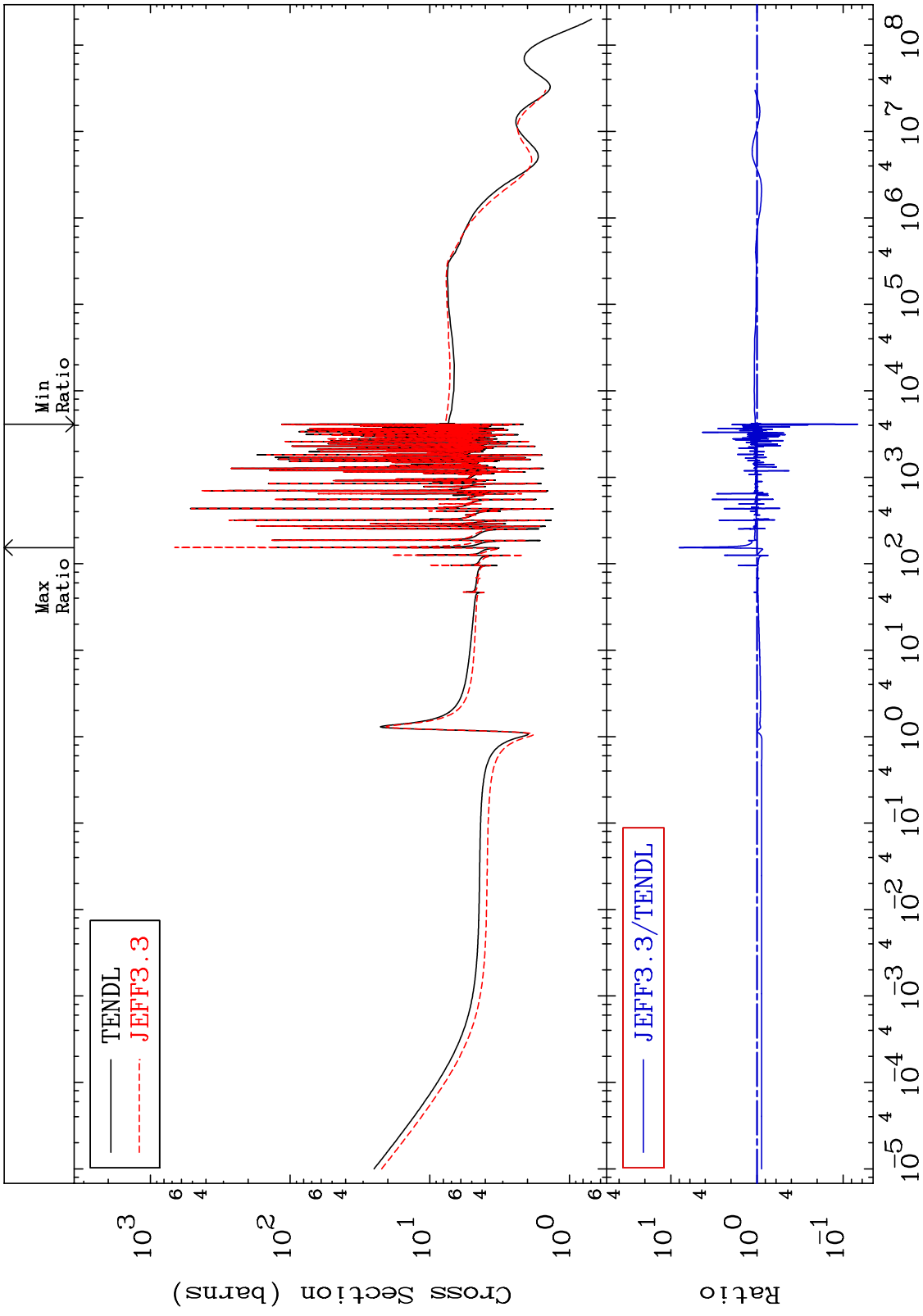
MAT 4525 45-Rh-103 -93.01 To 317.2 %

Total Cross Section

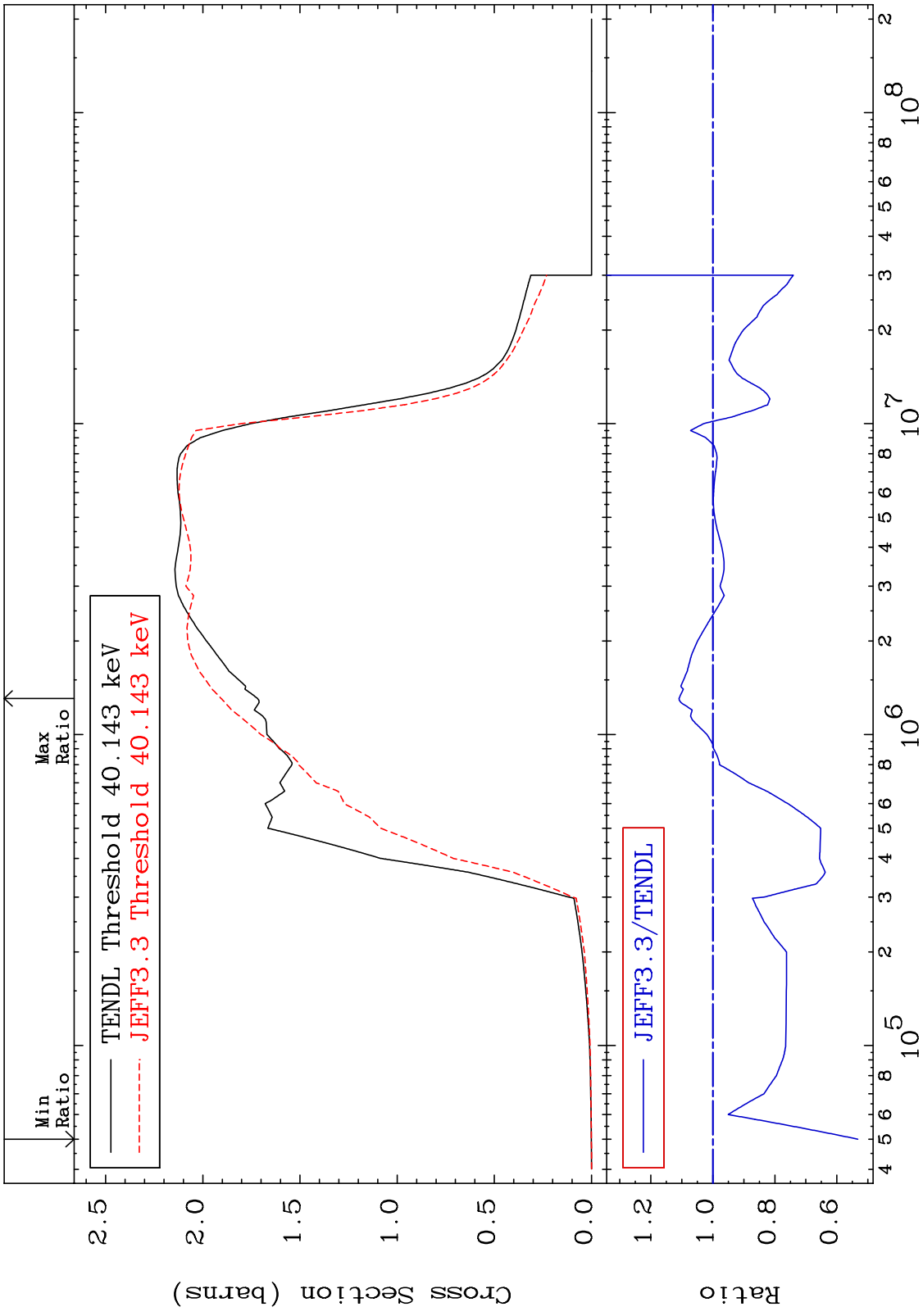


45-Rh-103

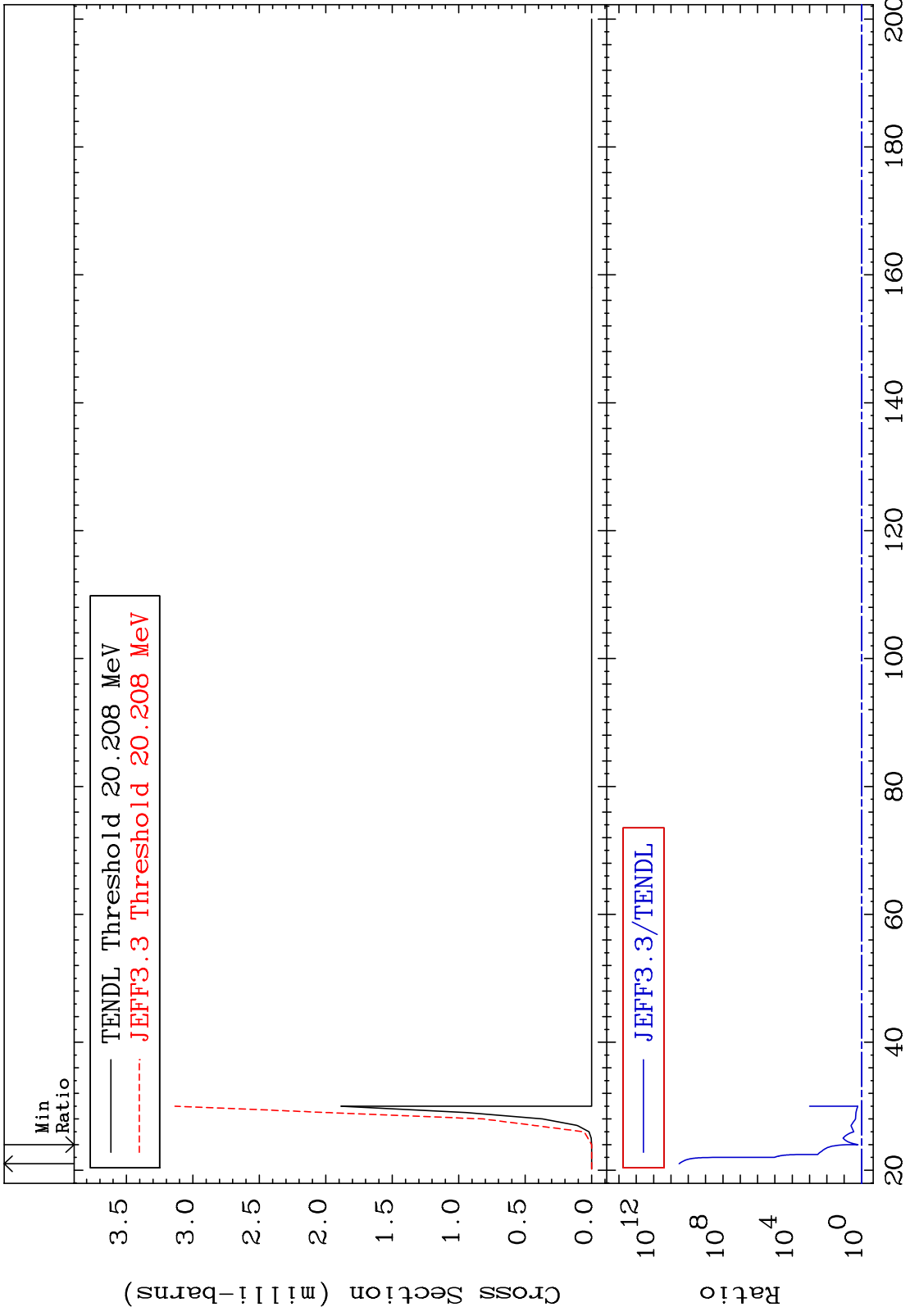
MAT 4525 Elastic Cross Section 45-Rh-103
-93.26 To 704.1 %



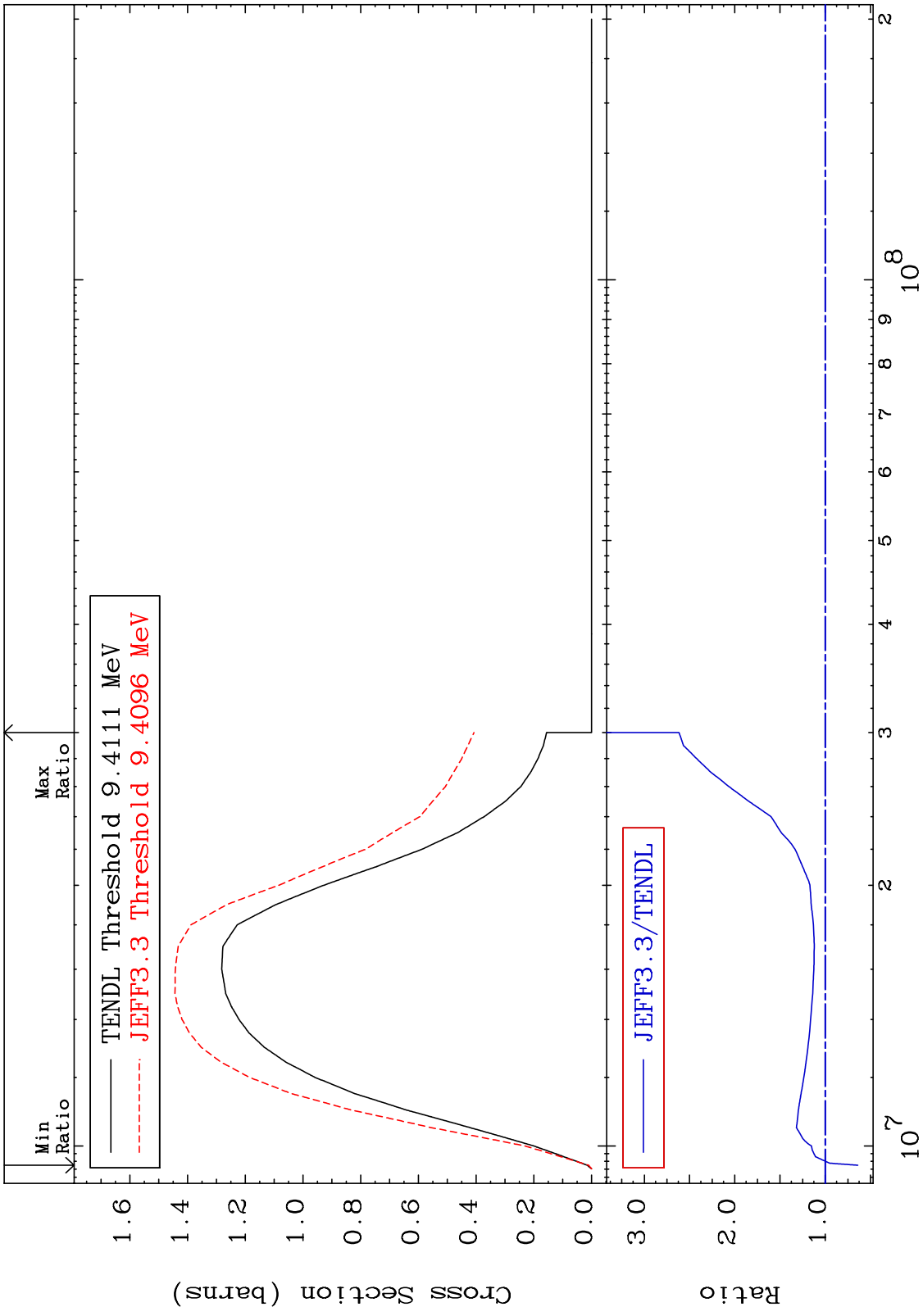
MAT 4525 45-Rh-103 -46.75 To 10.88 % Inelastic Cross Section



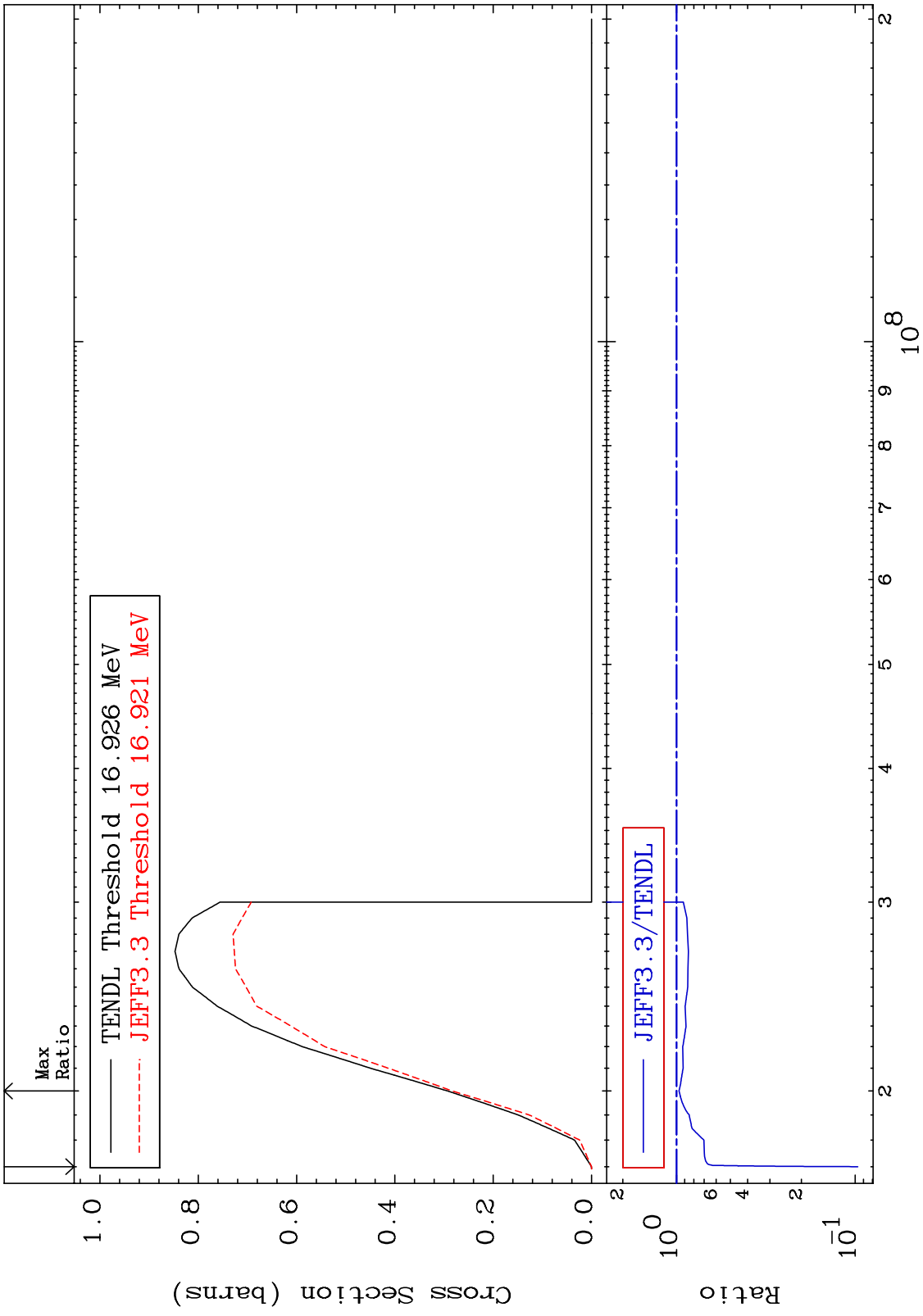
MAT 4525 (n,2n) d 45-Rh-103
 Cross Section 60.77 To 9999. %



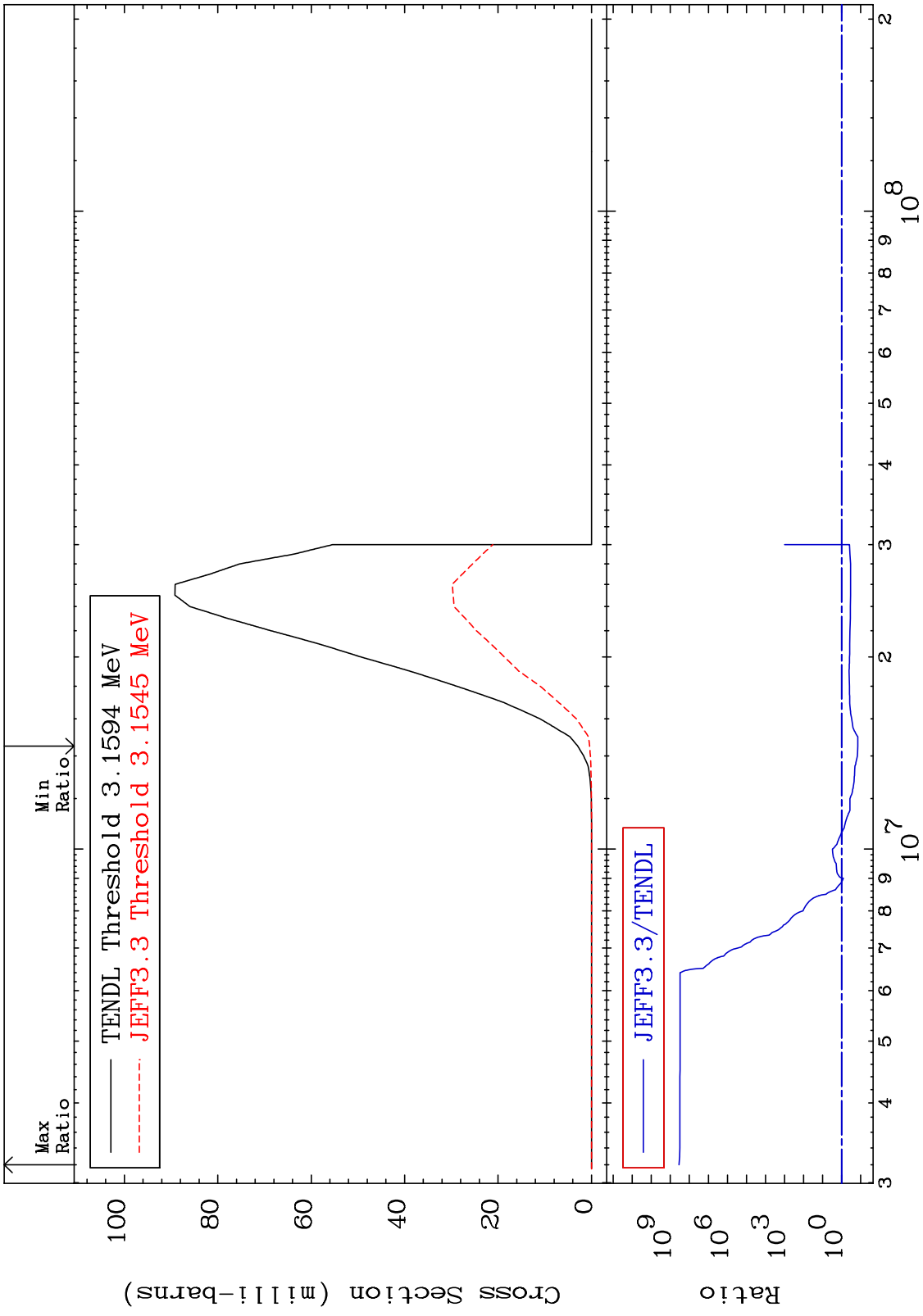
MAT 4525 (n,2n) Cross Section 45-Rh-103 -36.03 To 161.6 %

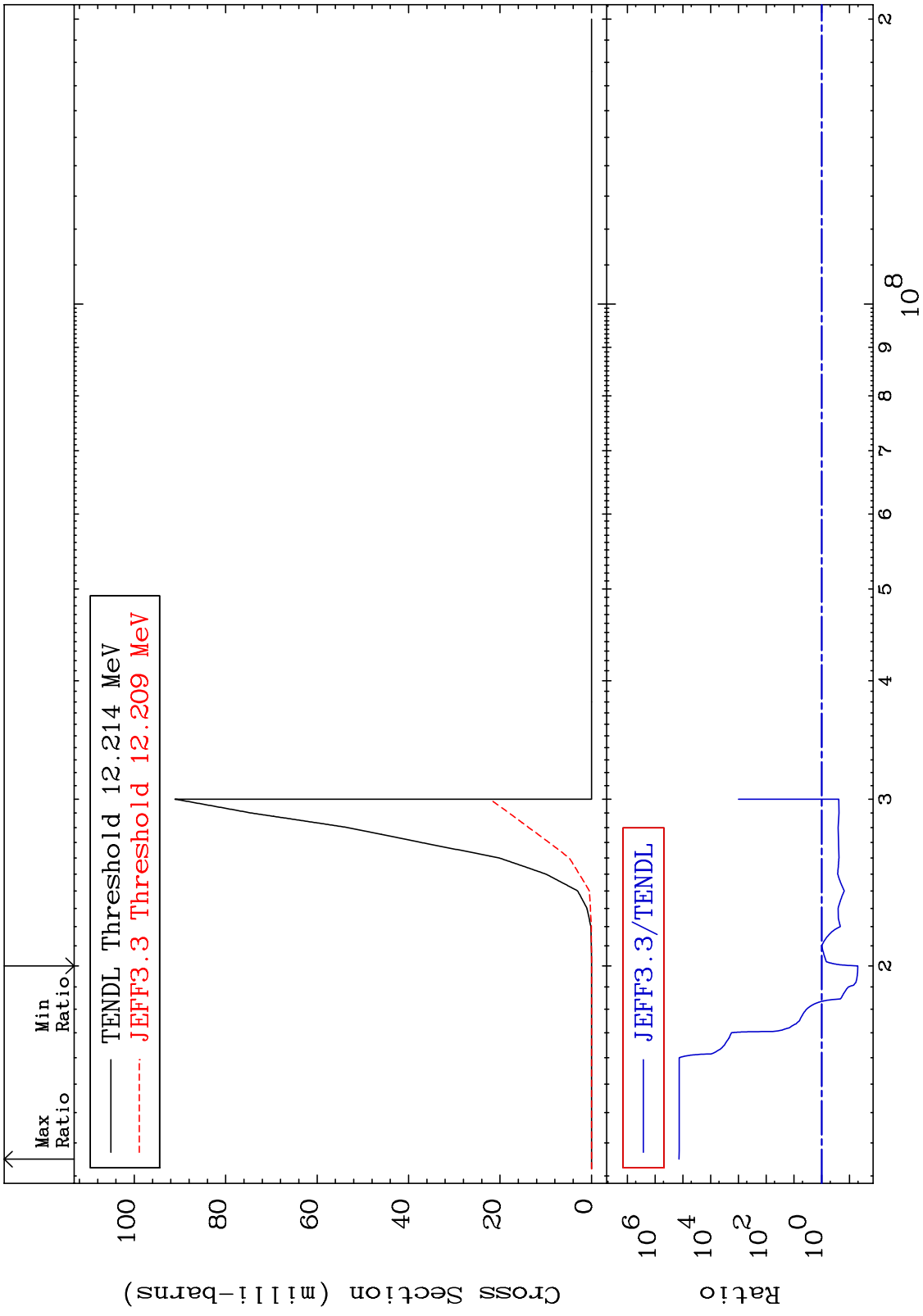


MAT 4525 (n,3n) Cross Section 45-Rh-103 -90.33 To -3.207%

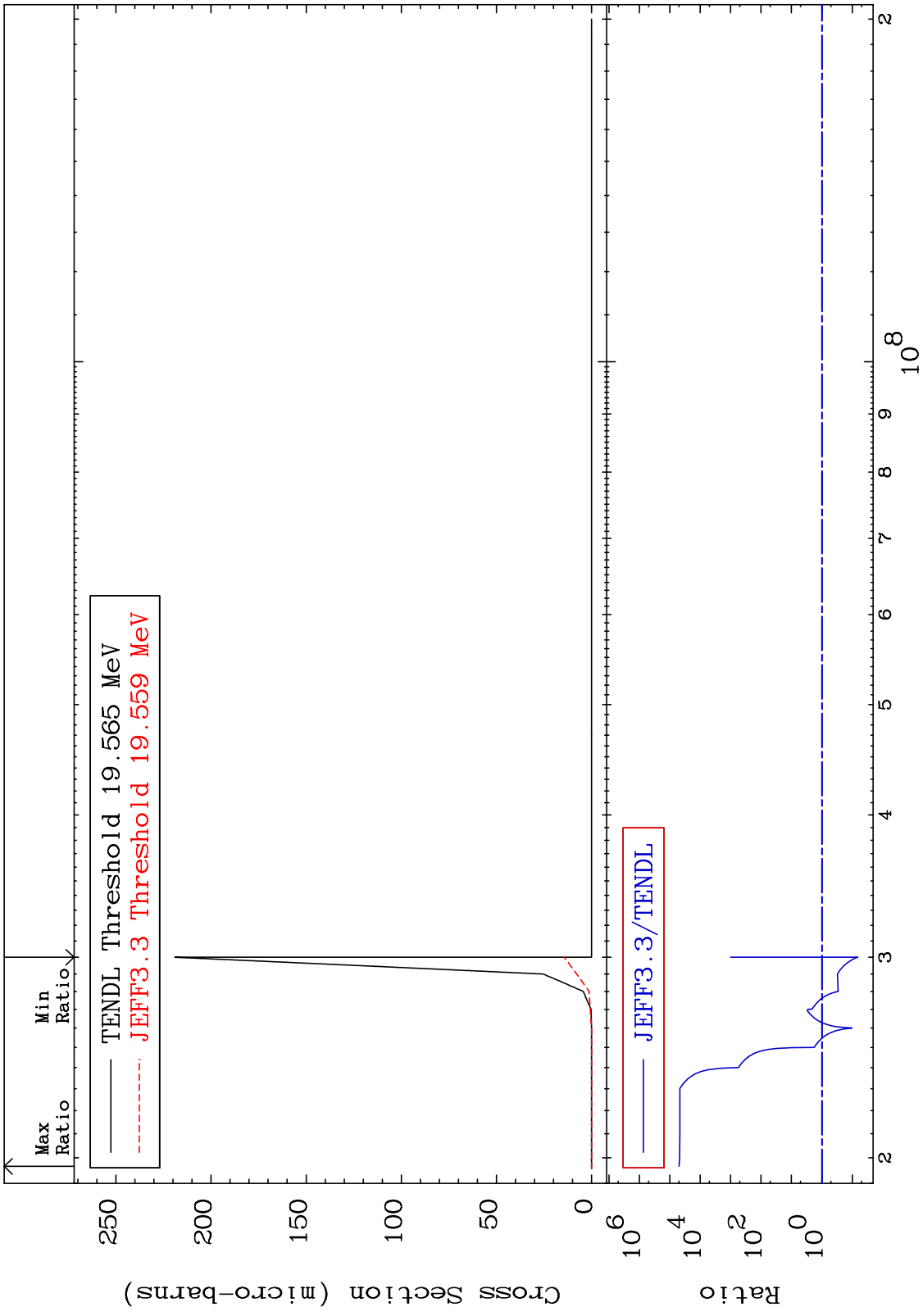


MAT 4525 $(n, n') \alpha$ 45-Rh-103
 Cross Section -86.09 To 9999. %

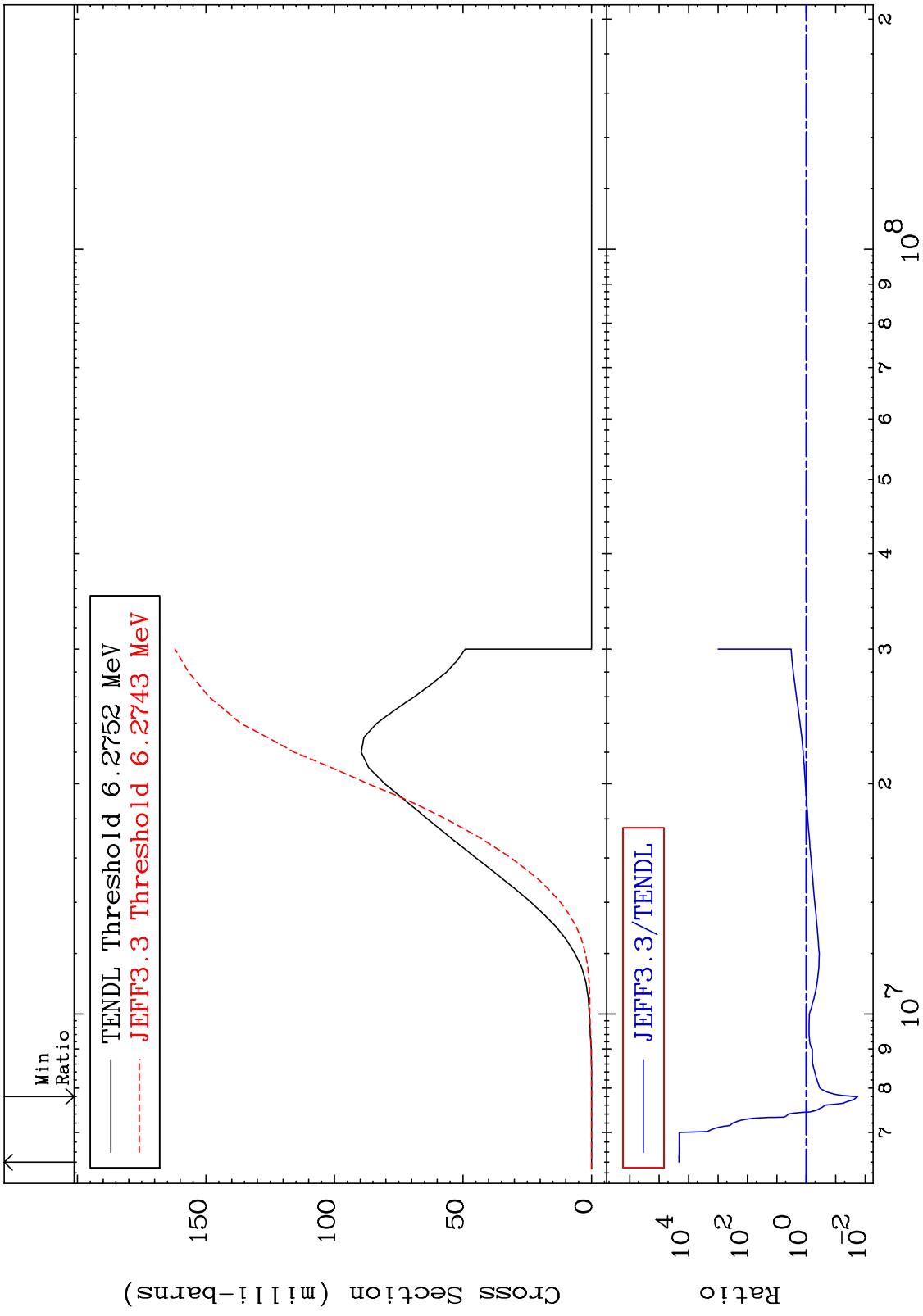




MAT 4525 (n,3n) α 45-Rh-103
 Cross Section -93.45 To 9999. %

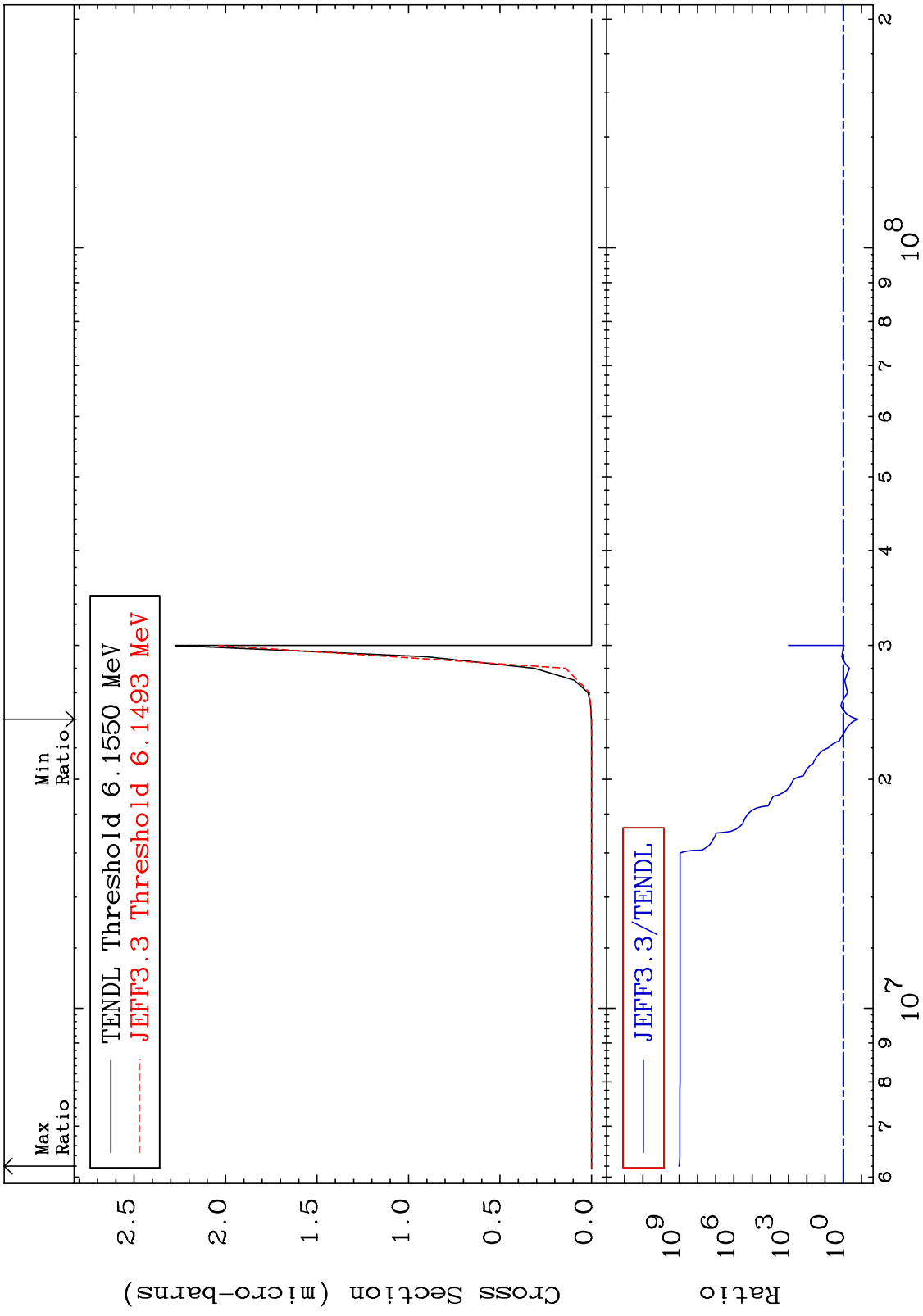


MAT 4525 (n,n') p 45-Rh-103
Cross Section -98.22 To 9999. %

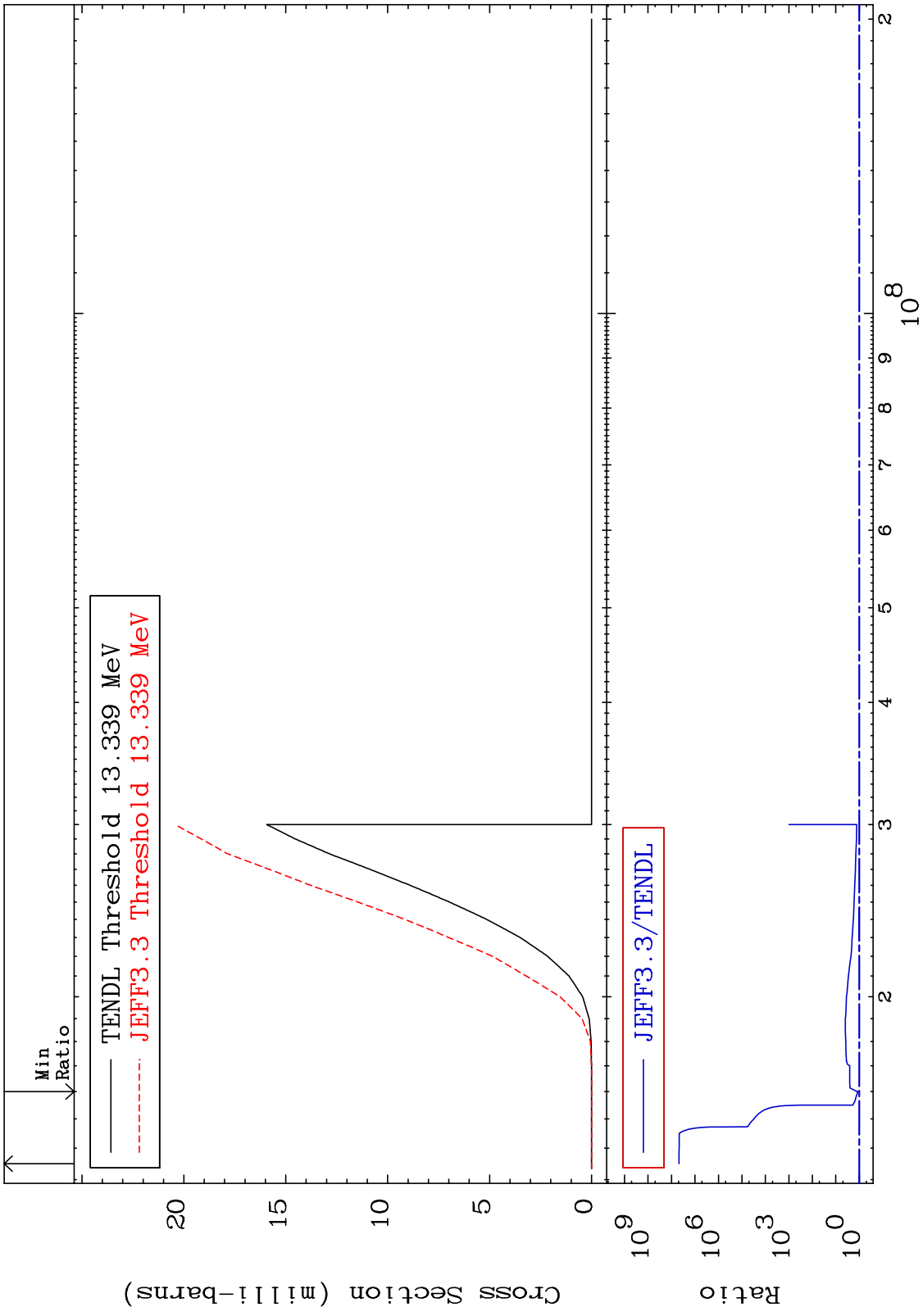


10 45-Rh-103

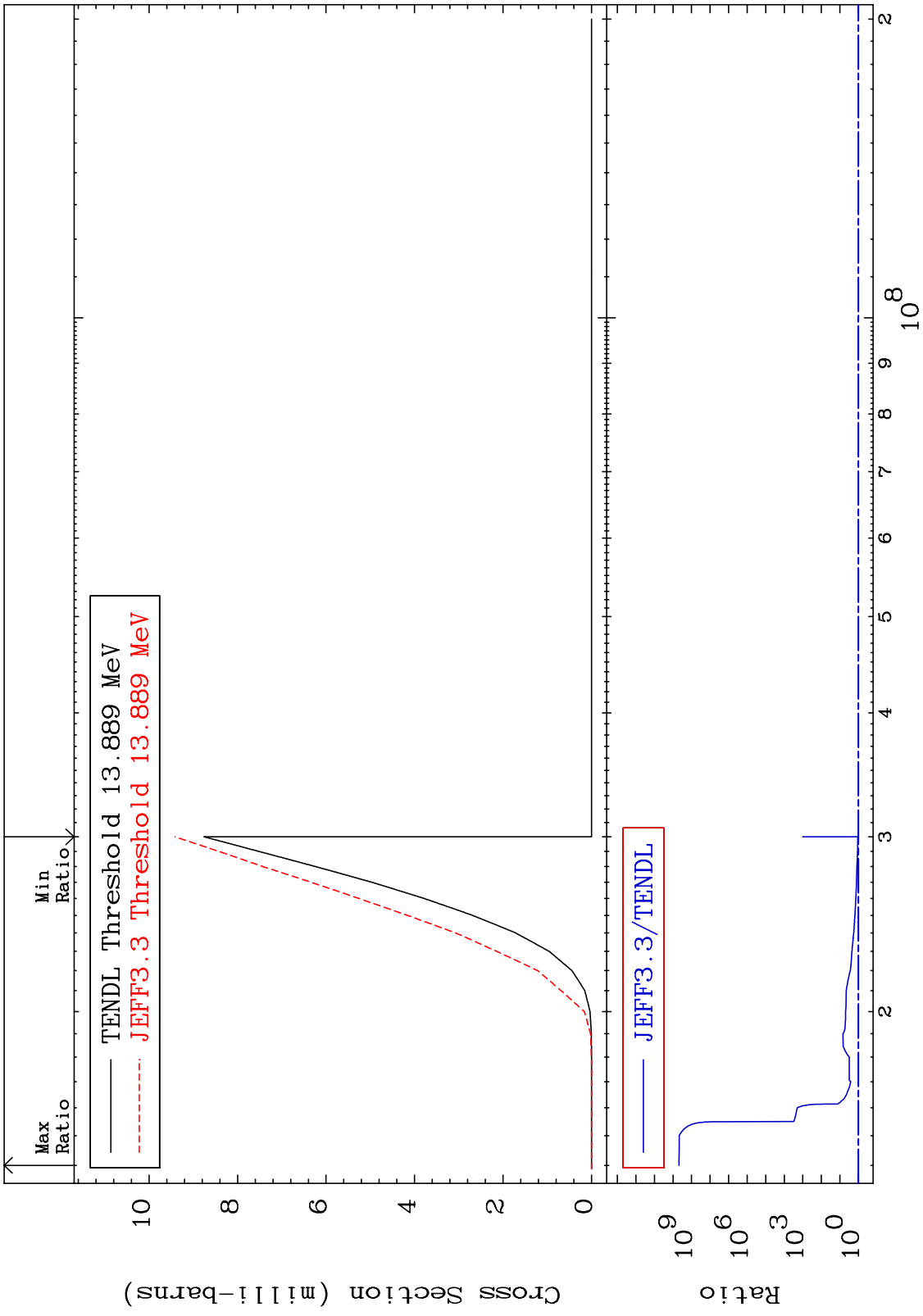
MAT 4525 (n,n') 2α Cross Section 45-Rh-103 -84.16 To 9999. %



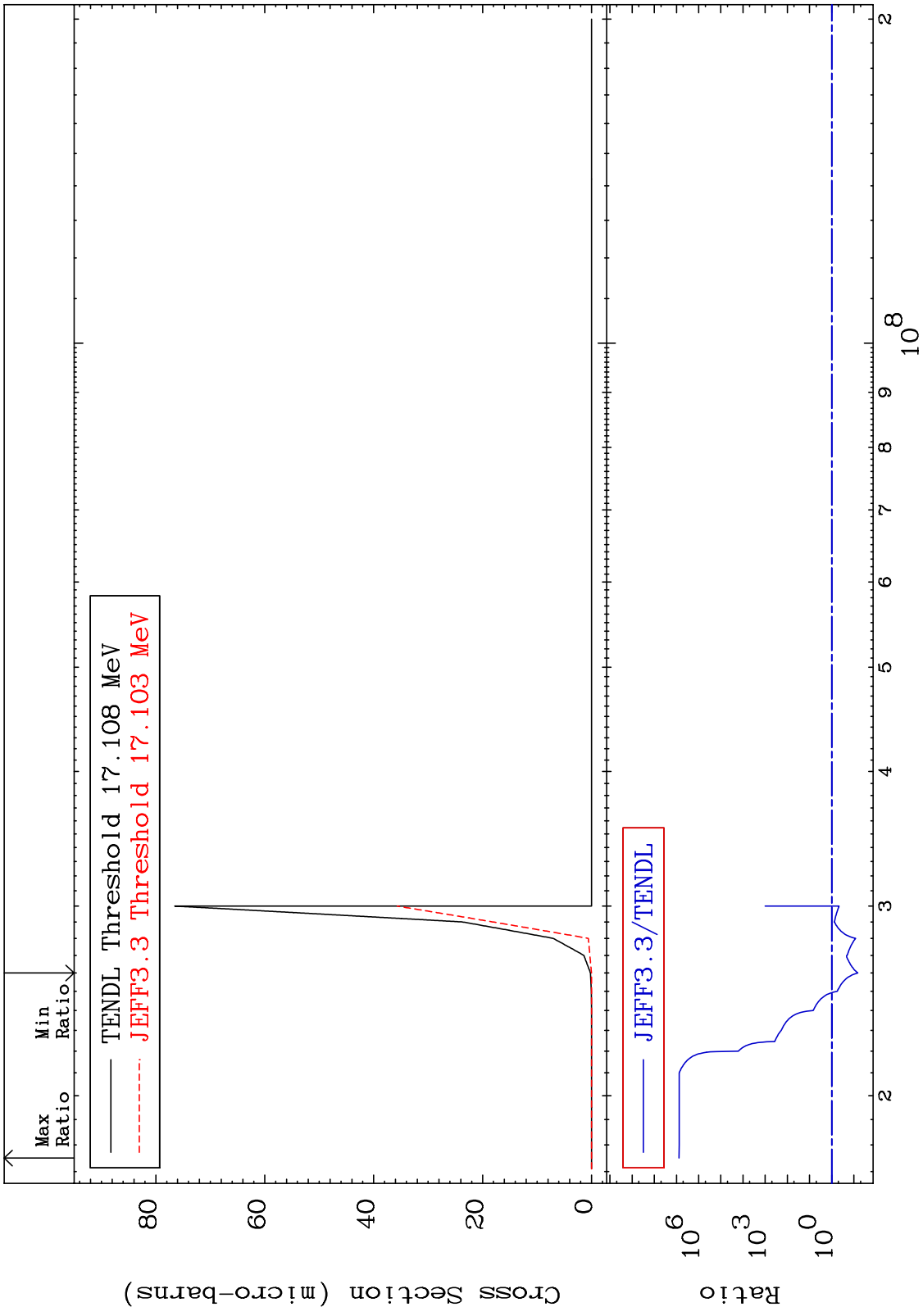
MAT 4525 (n, n') d 45-Rh-103
 Cross Section 14.81 To 9999. %



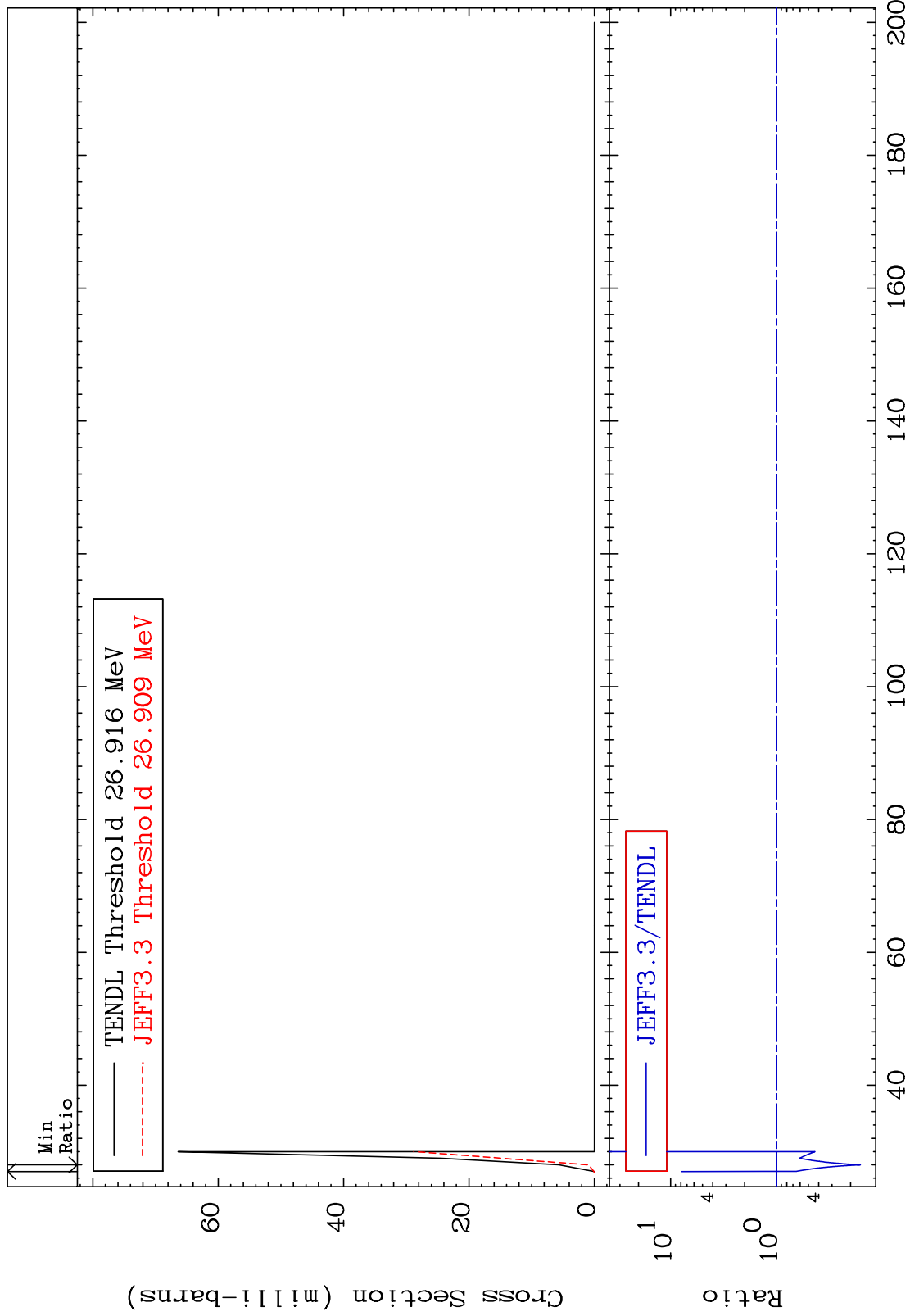
MAT 4525 (n,n') t 45-Rh-103
 Cross Section 7.508 To 9999. %

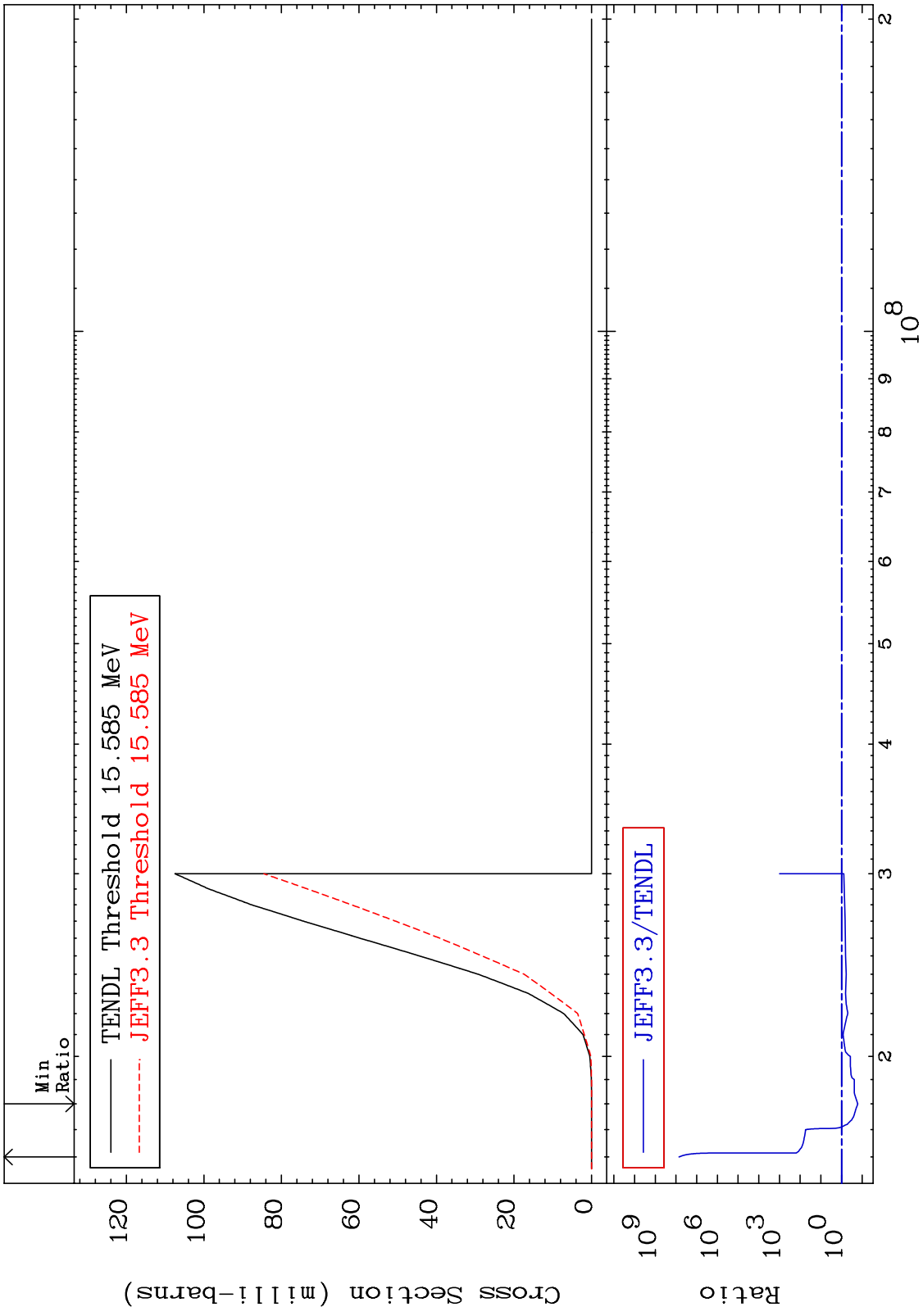


MAT 4525 (n, n') He-3 45-Rh-103
 Cross Section -93.37 To 9999. %

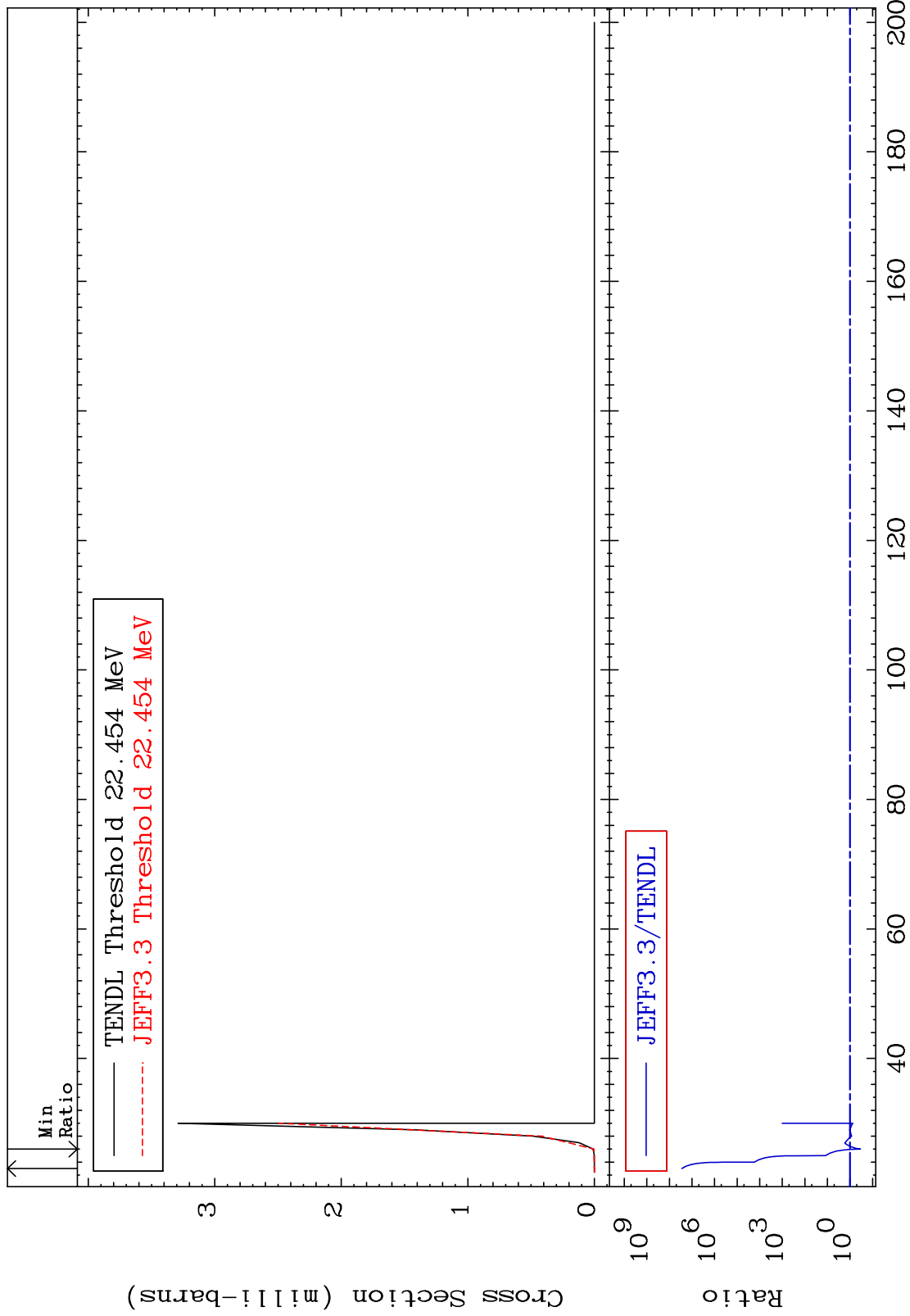


MAT 4525 (n,4n) 45-Rh-103
Cross Section -83.83 To 682.6 %

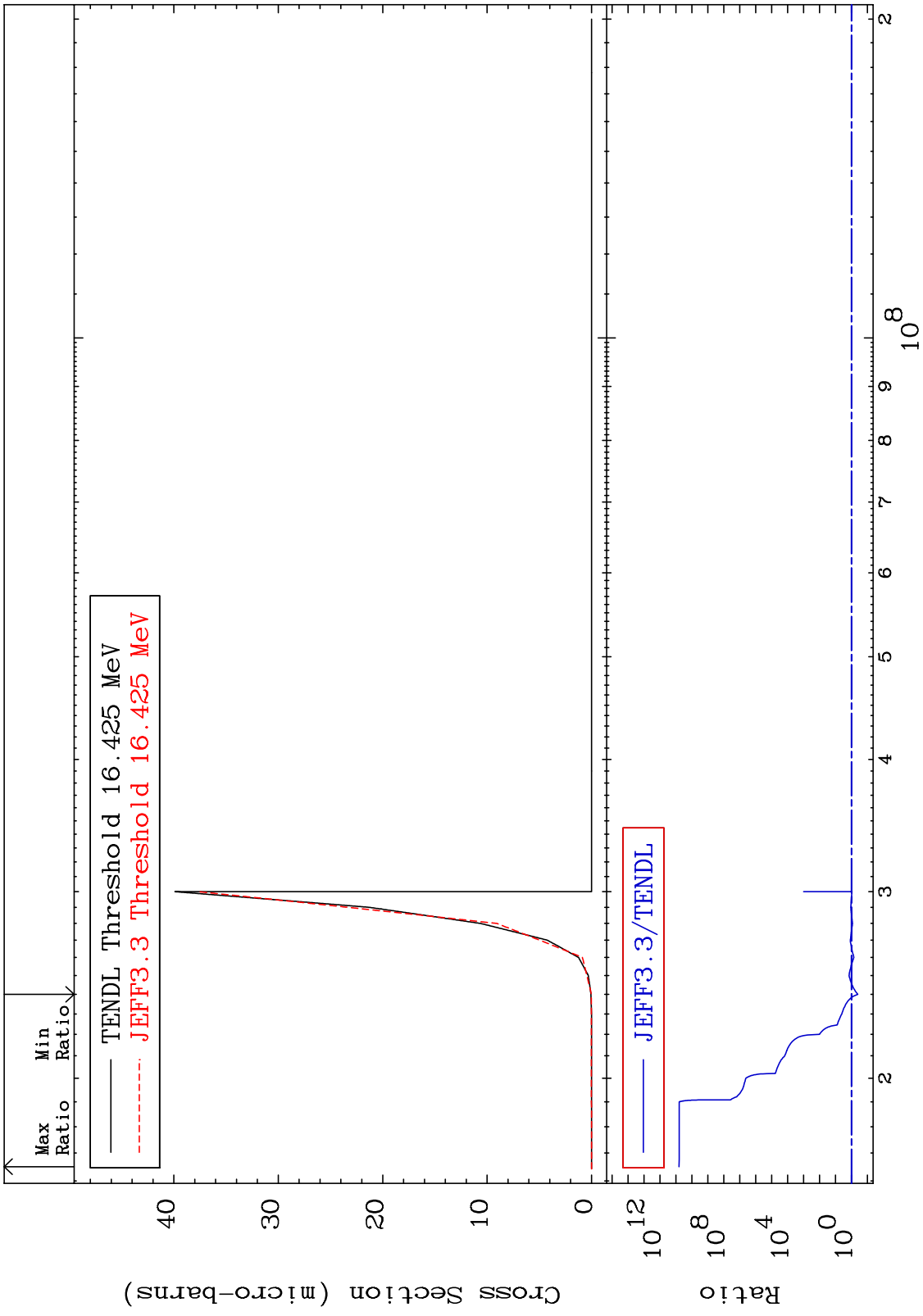




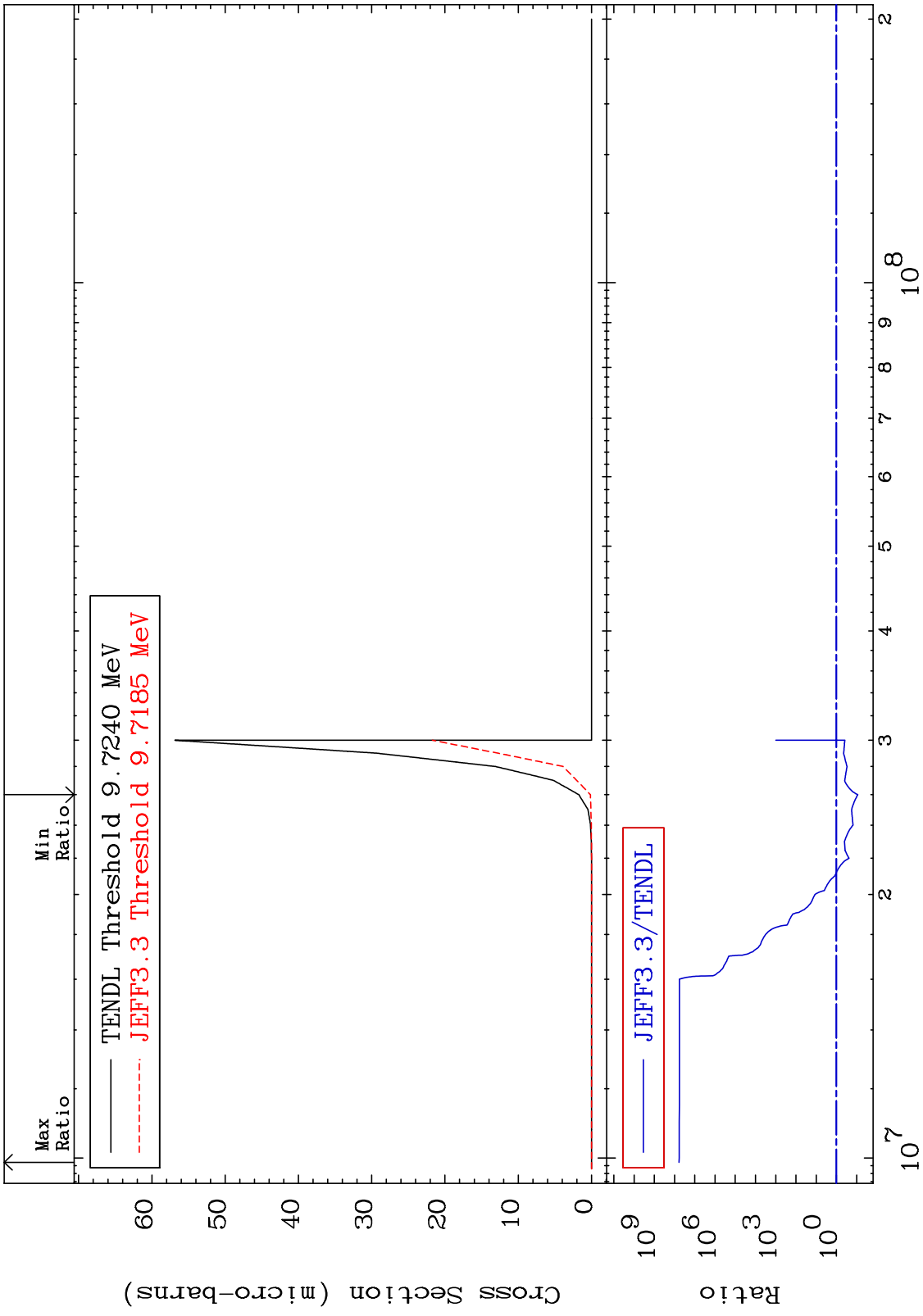
MAT 4525 (n,3n) p 45-Rh-103
Cross Section -65.67 To 9999. %



MAT 4525 (n,2n) p 45-Rh-103
 Cross Section -60.19 To 9999. %

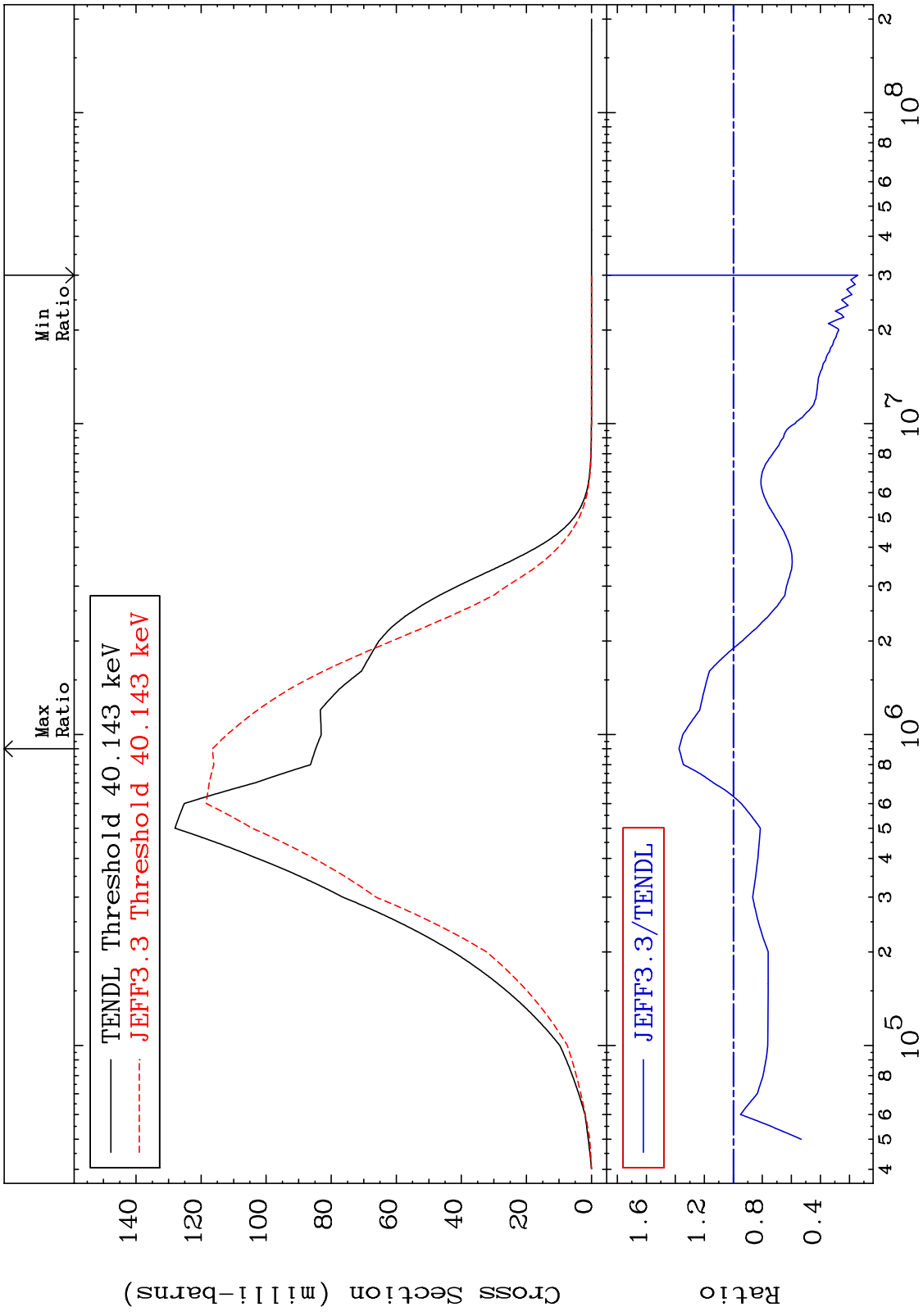


MAT 4525 (n,n') p α 45-Rh-103
 Cross Section -91.30 To 9999. %



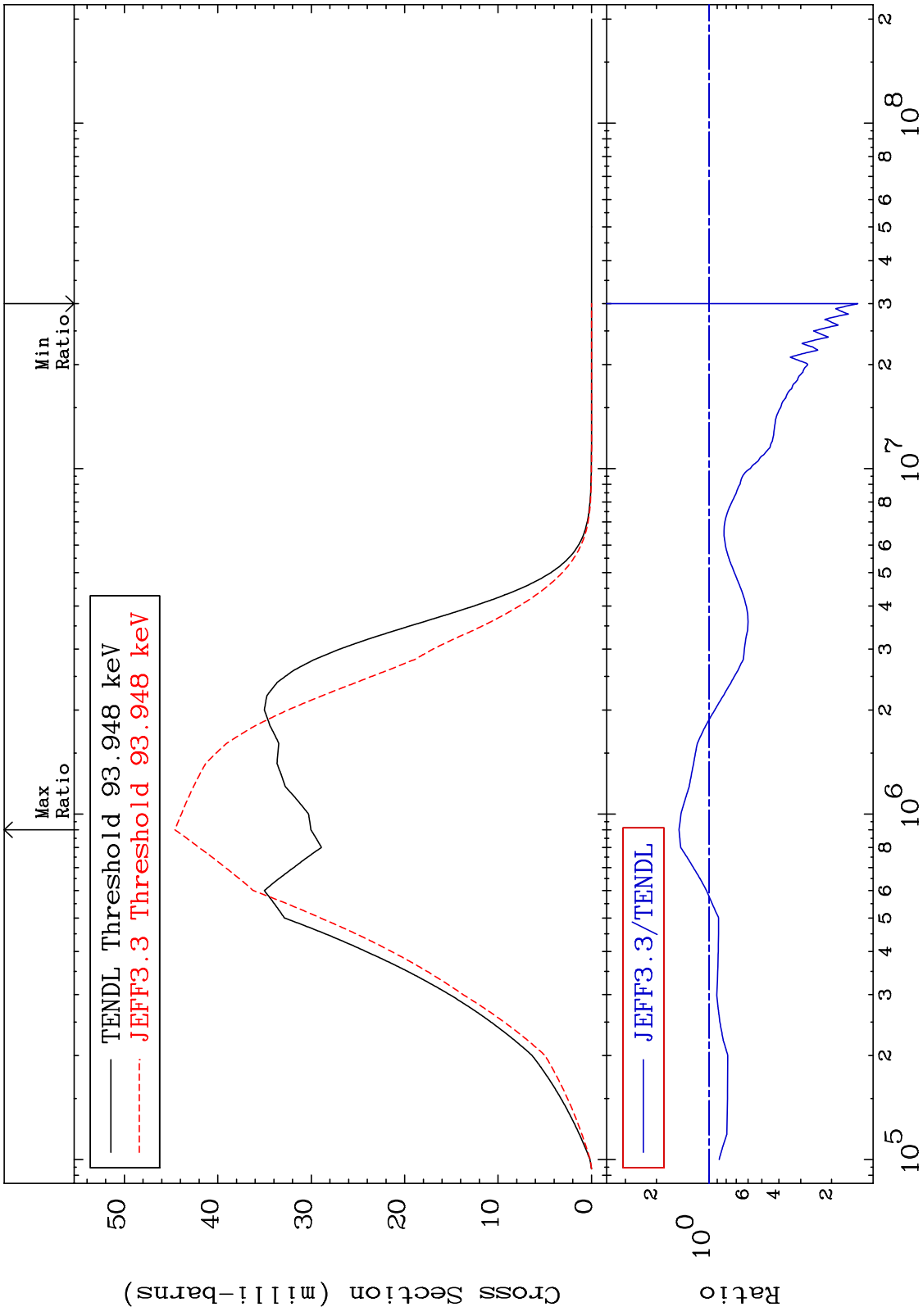
19 45-Rh-103

MAT 4525 MT= 51 (n,n') Level Cross Section 45-Rh-103
 -85.83 To 37.44 %

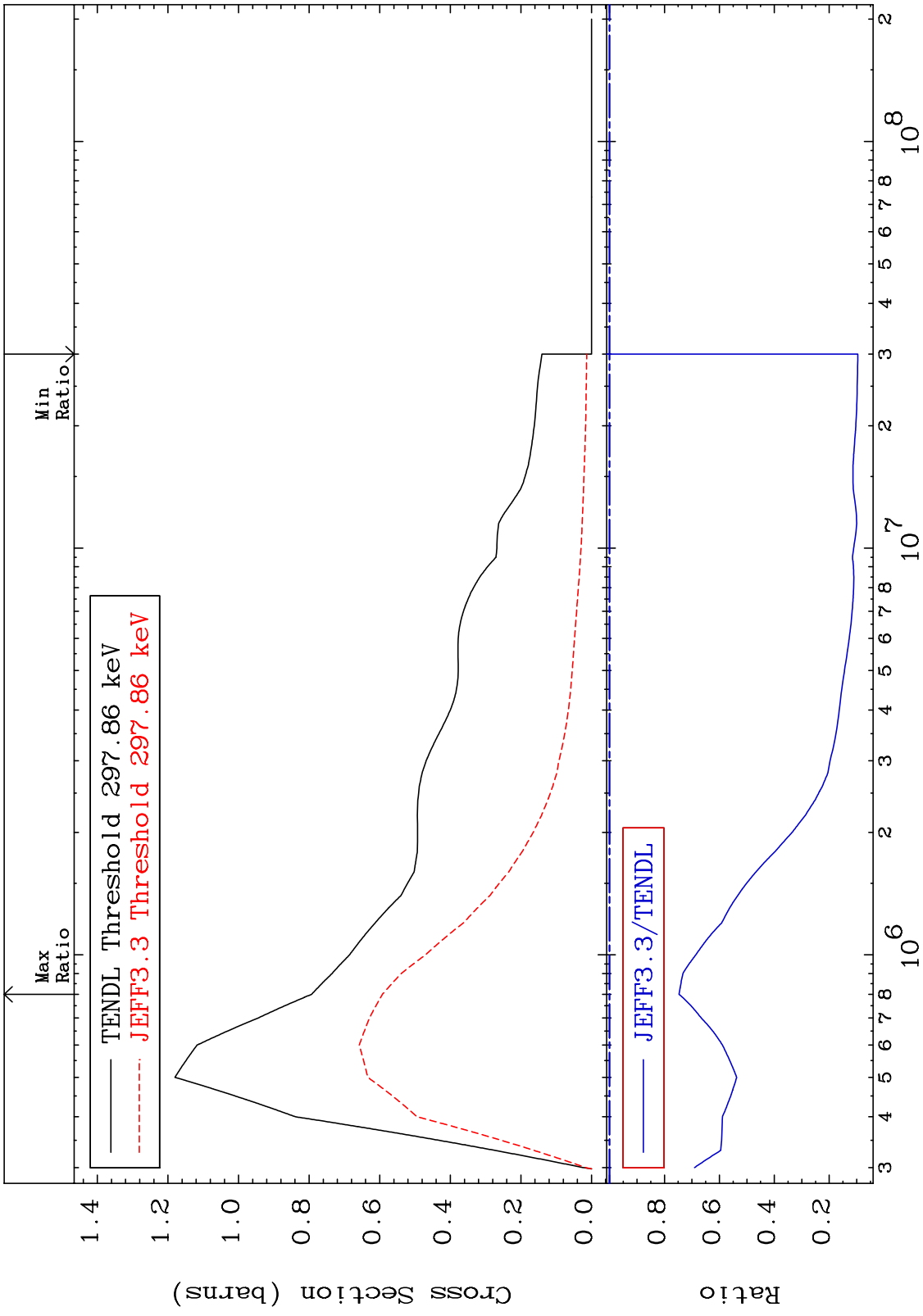


20 45-Rh-103

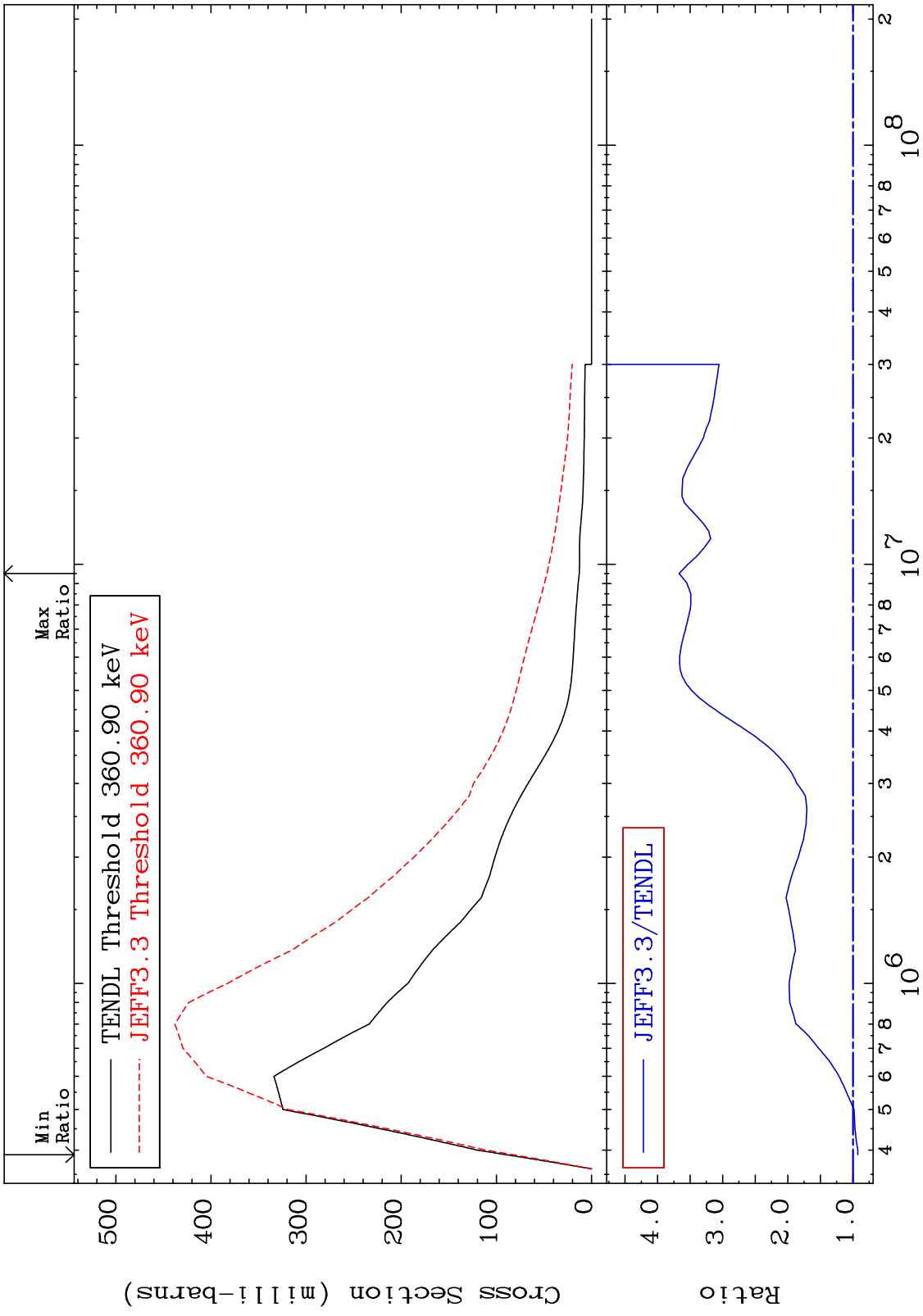
MAT 4525 MT= 52 (n,n') Level Cross Section 45-Rh-103
 -85.83 To 48.45 %



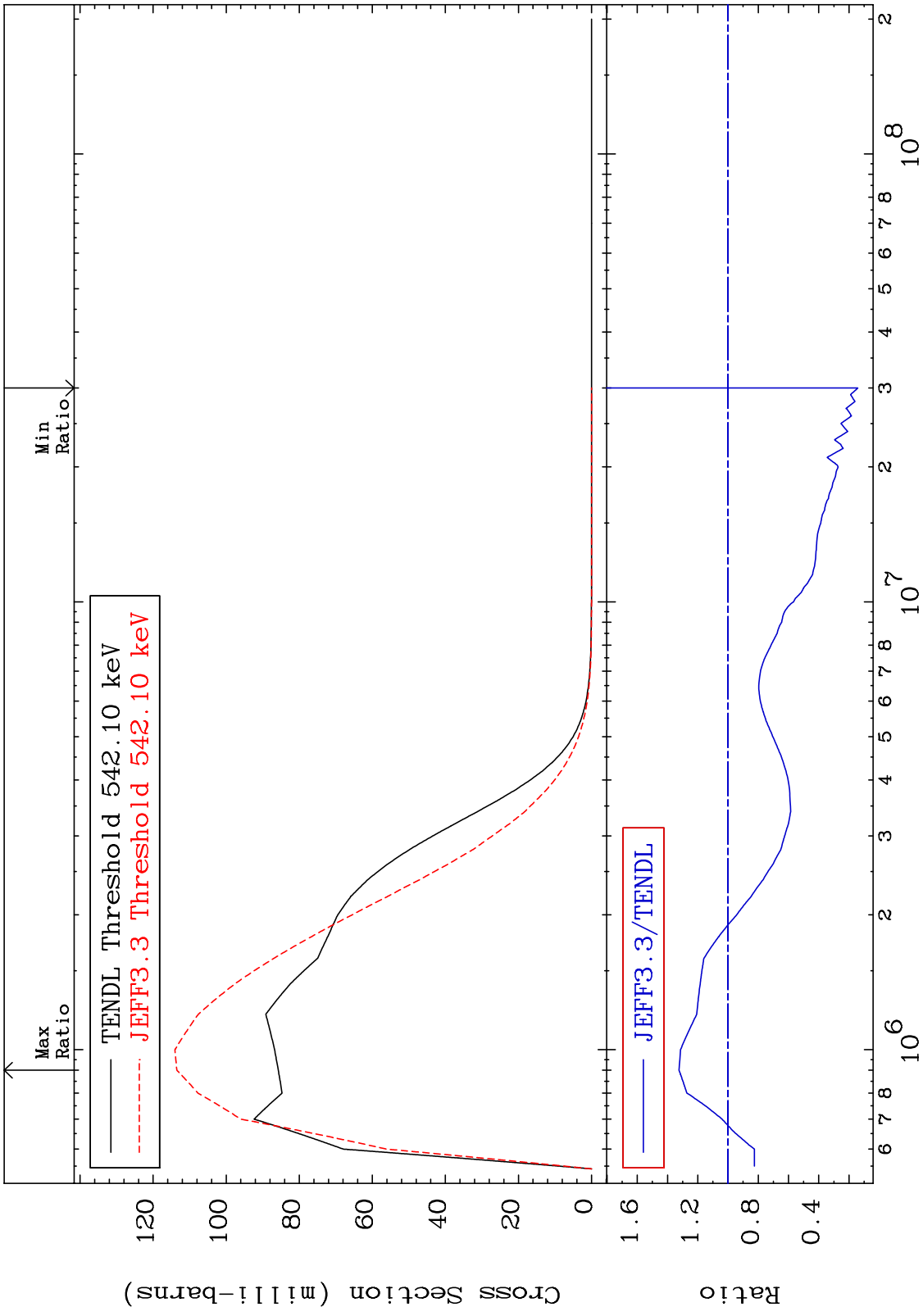
MAT 4525 MT= 53 (n,n') Level Cross Section 45-Rh-103 -90.41 To -25.31%



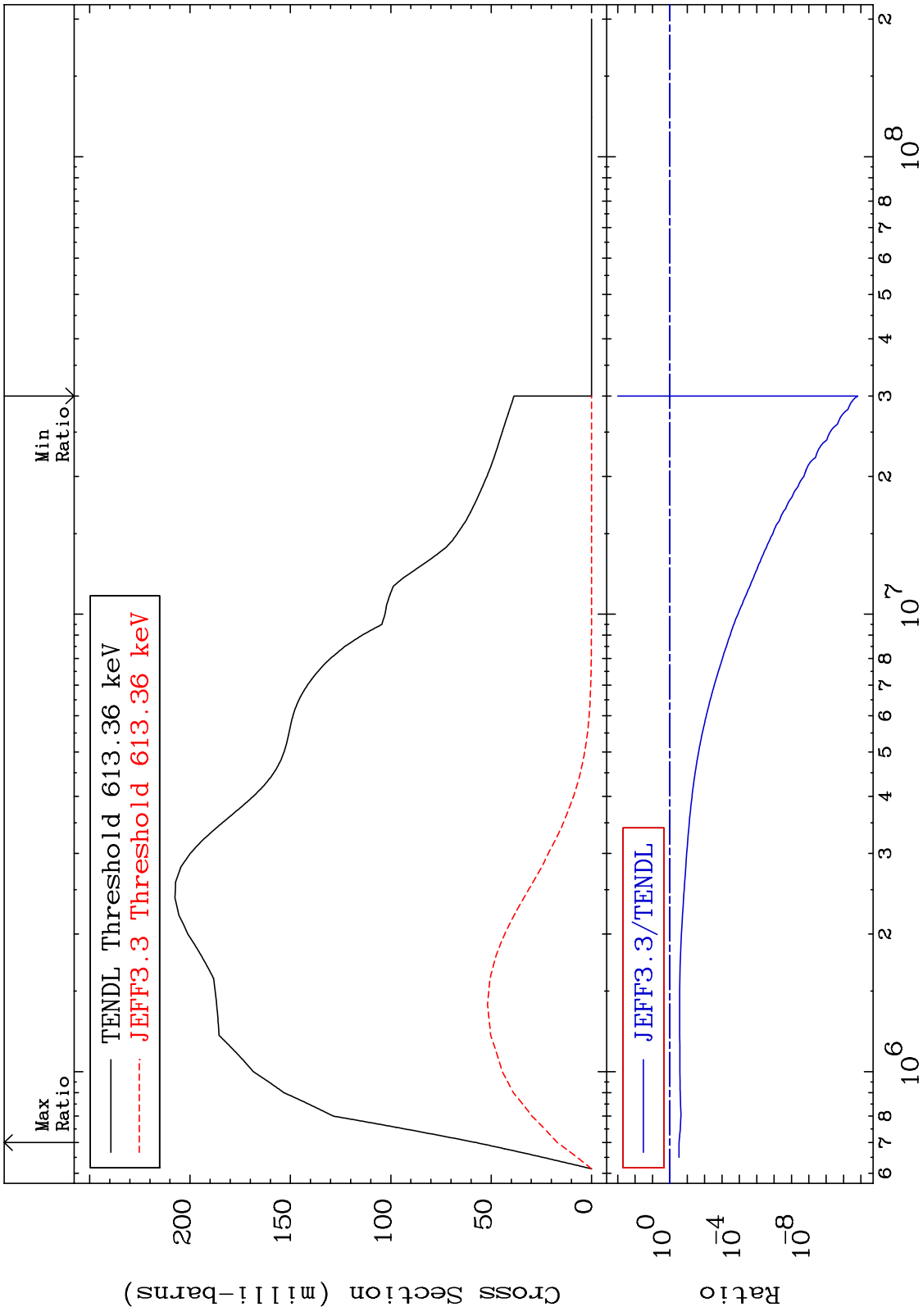
MAT 4525 MT= 54 (n,n') Level Cross Section 45-Rh-103
-7.530 To 267.0 %



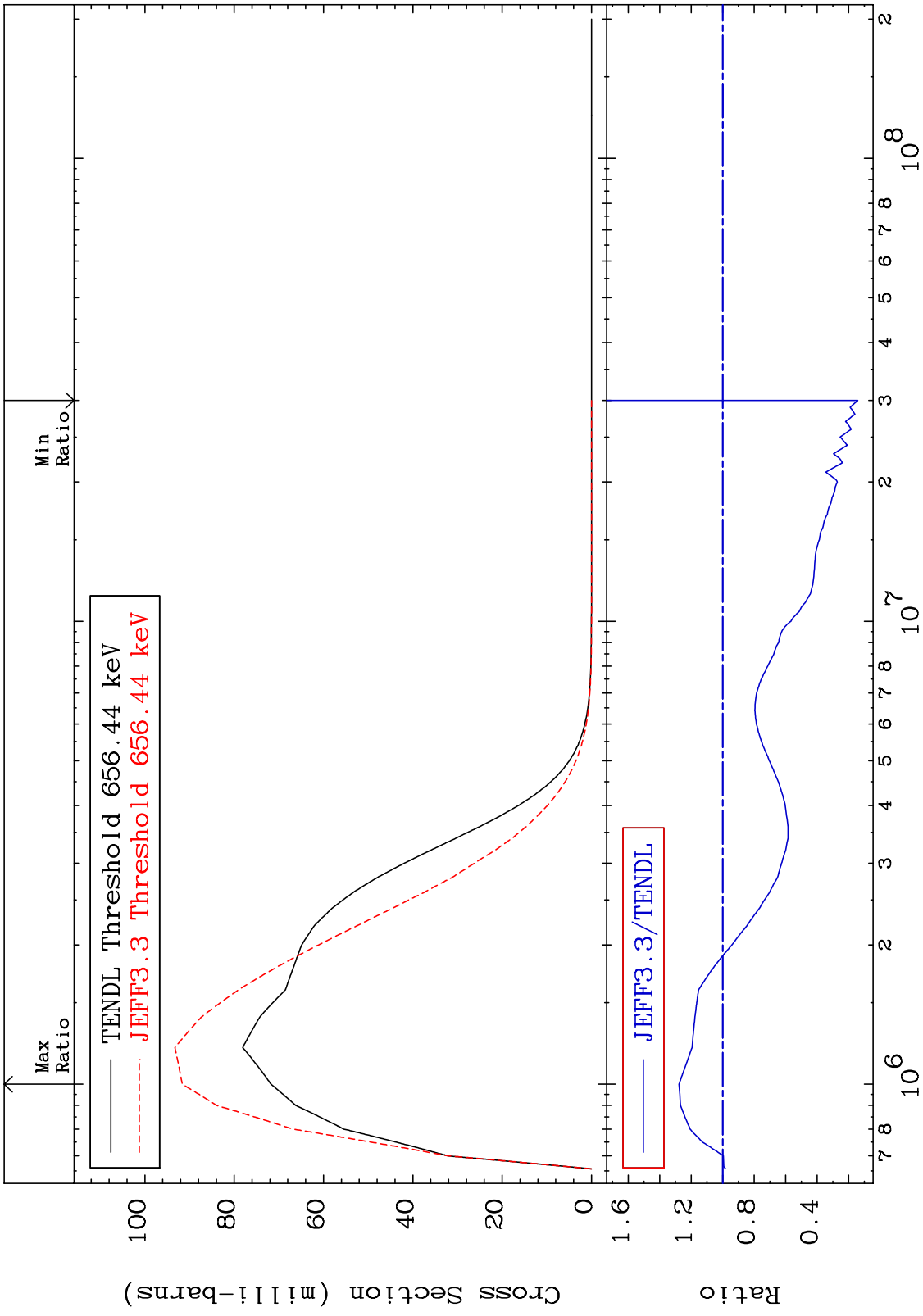
MAT 4525 MT= 55 (n,n') Level Cross Section 45-Rh-103
 -85.84 To 32.37 %



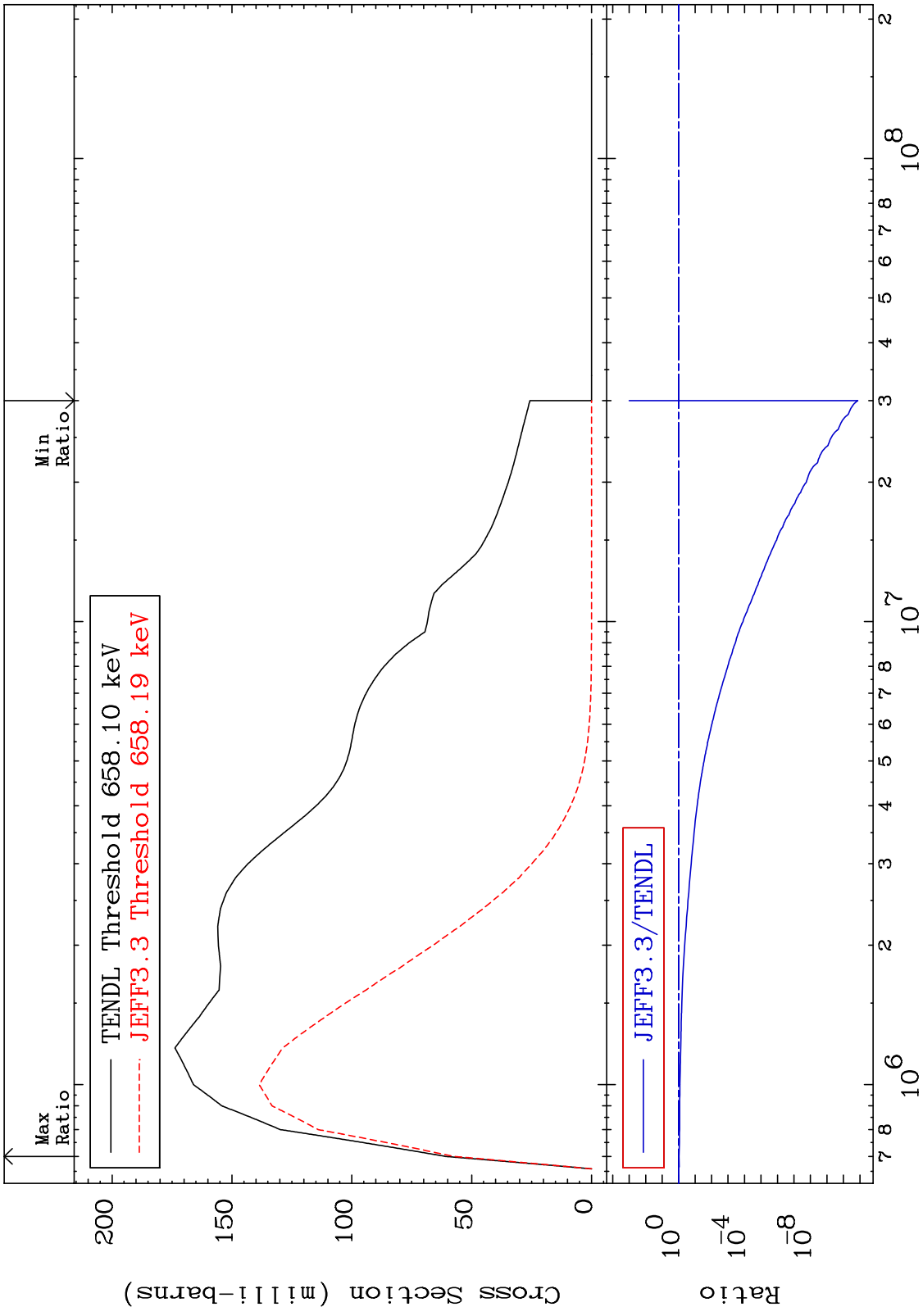
MAT 4525 MT= 56 (n,n') Level Cross Section 45-Rh-103
 -100.0 To -70.34%



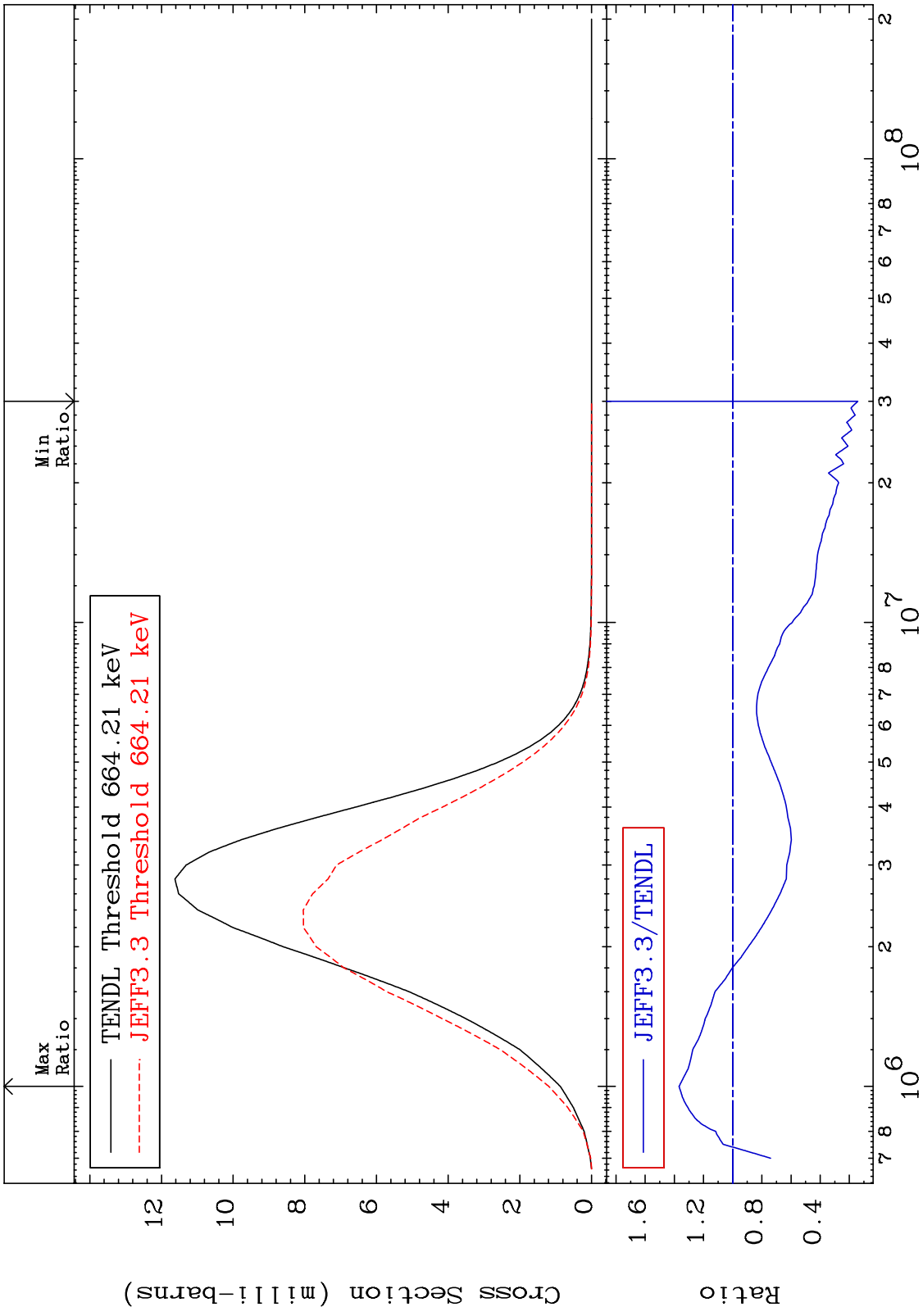
MAT 4525 MT= 57 (n,n') Level Cross Section 45-Rh-103
 -85.84 To 27.70 %



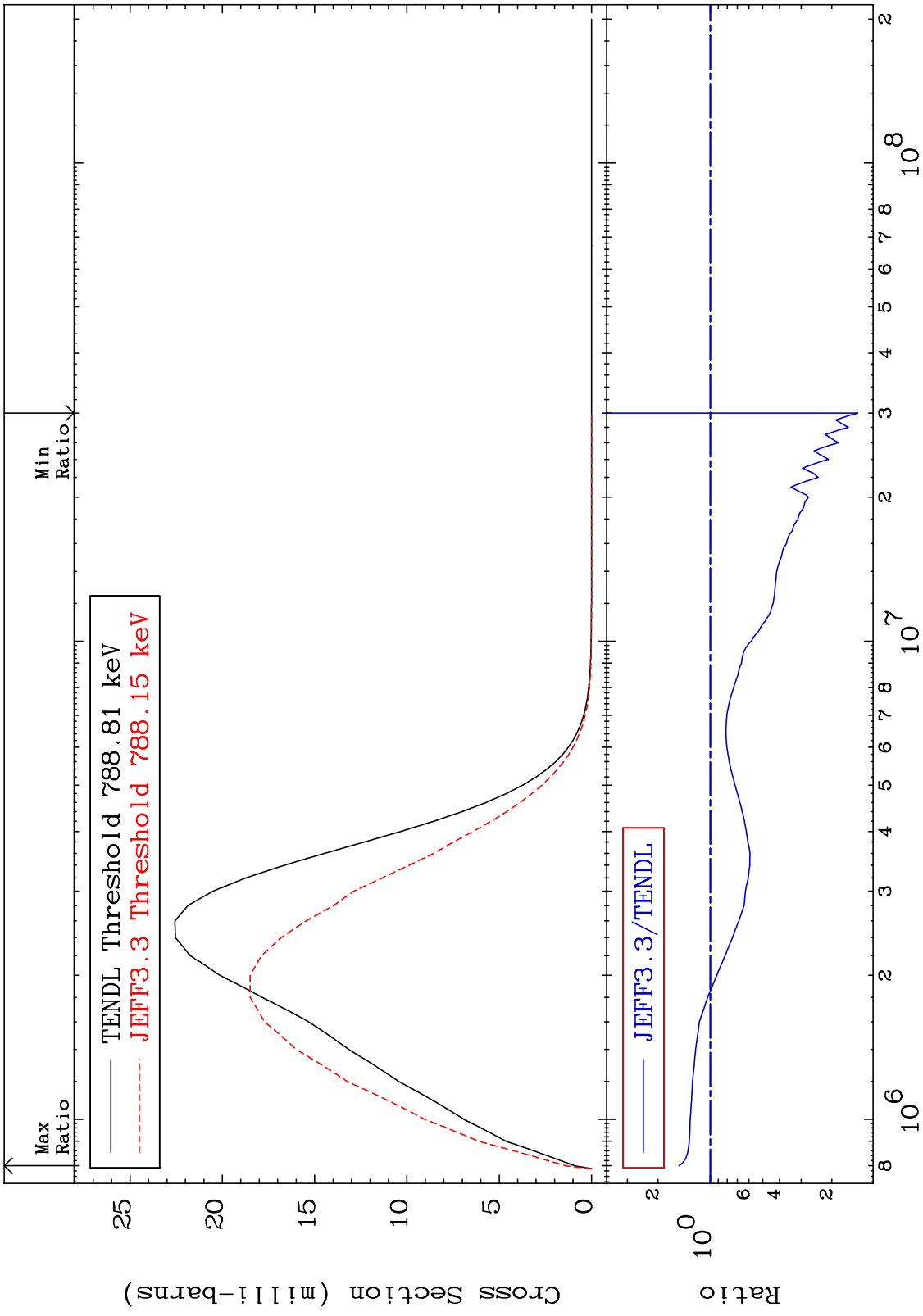
MAT 4525 MT= 58 (n,n') Level Cross Section 45-Rh-103 -100.0 To -5.878%



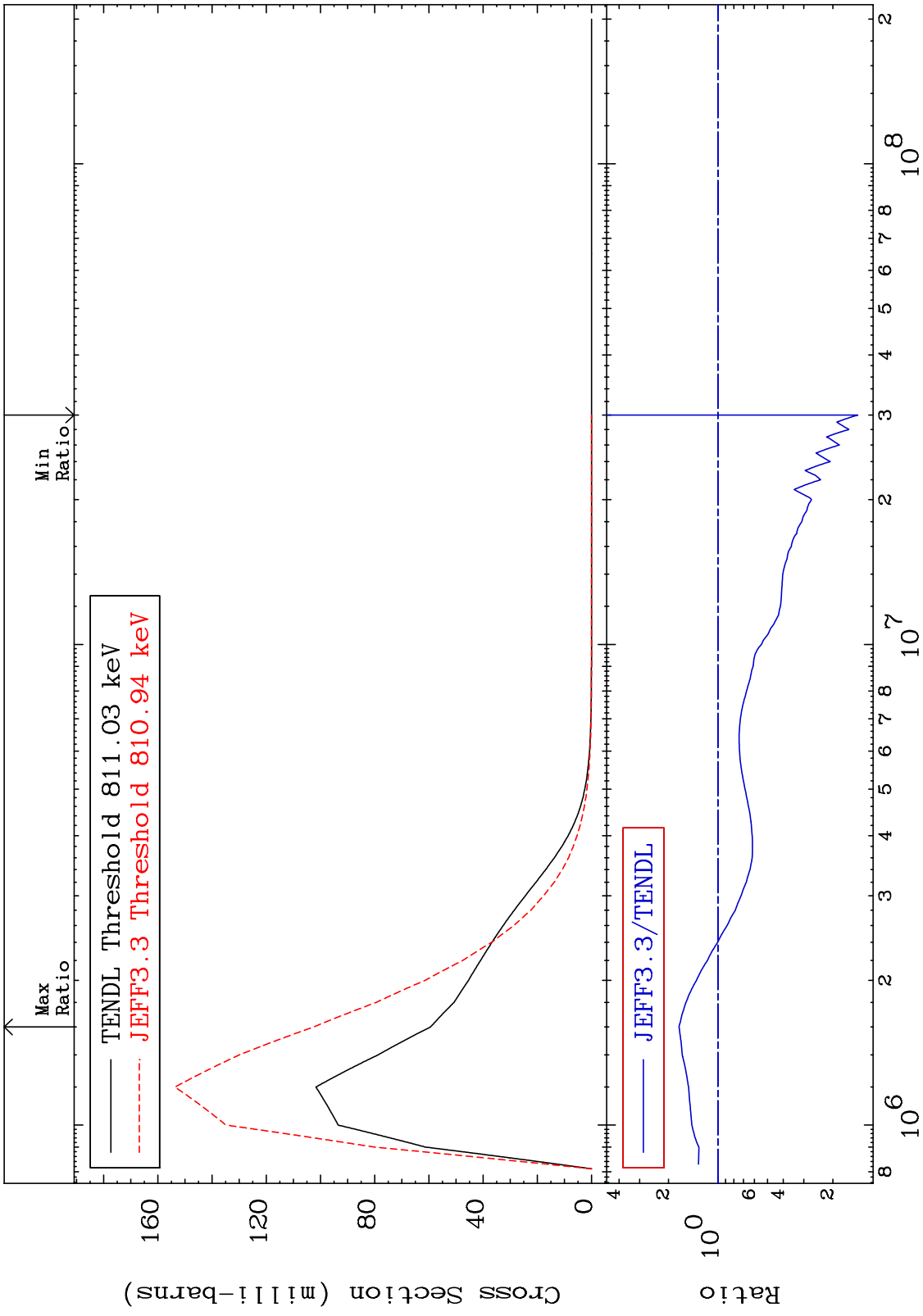
MAT 4525 MT= 59 (n,n') Level Cross Section 45-Rh-103
 -85.83 To 36.79 %



MAT 4525 MT= 60 (n,n') Level Cross Section 45-Rh-103
 -85.83 To 51.38 %

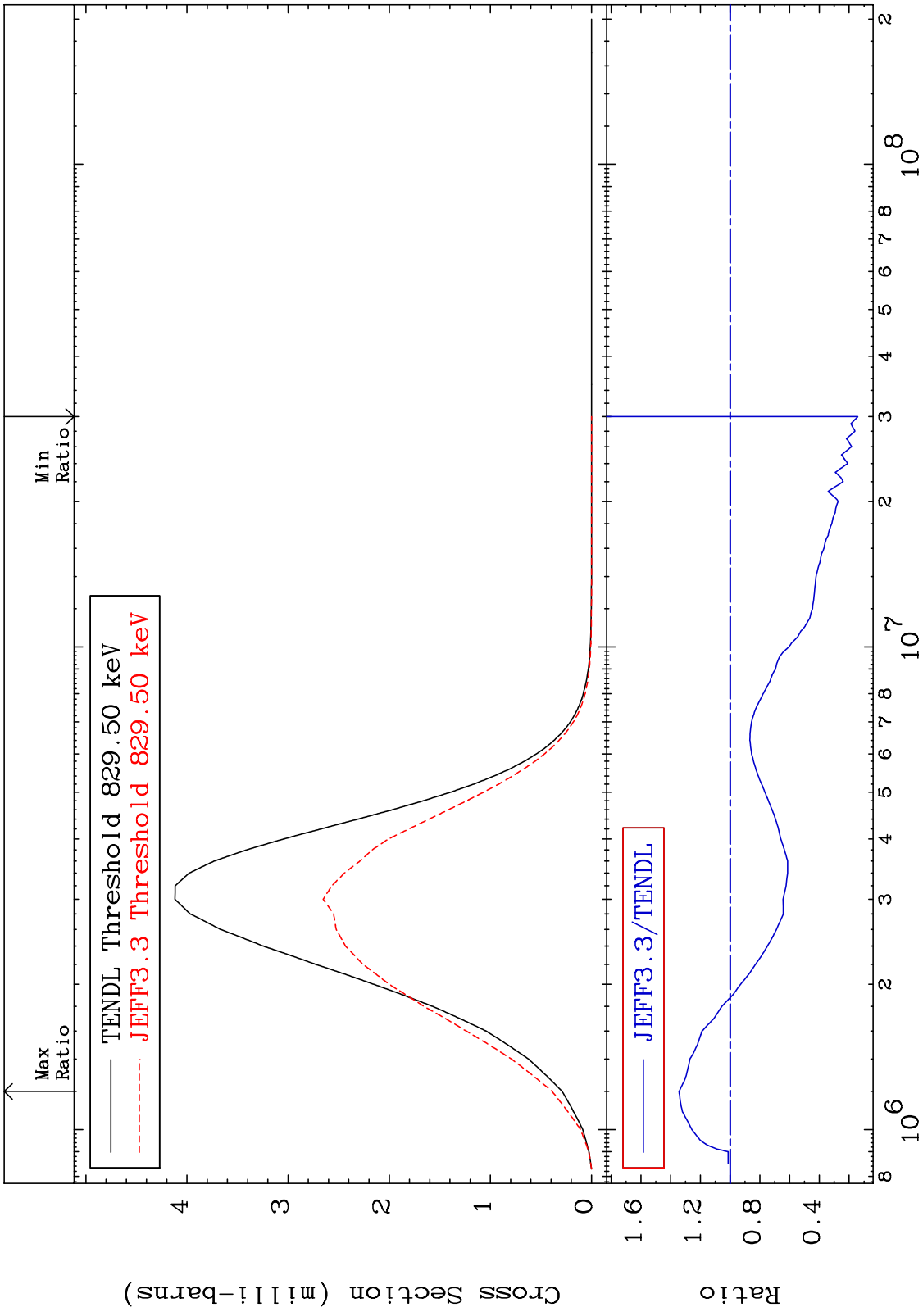


MAT 4525 MT= 61 (n,n') Level Cross Section 45-Rh-103
 -85.92 To 72.53 %

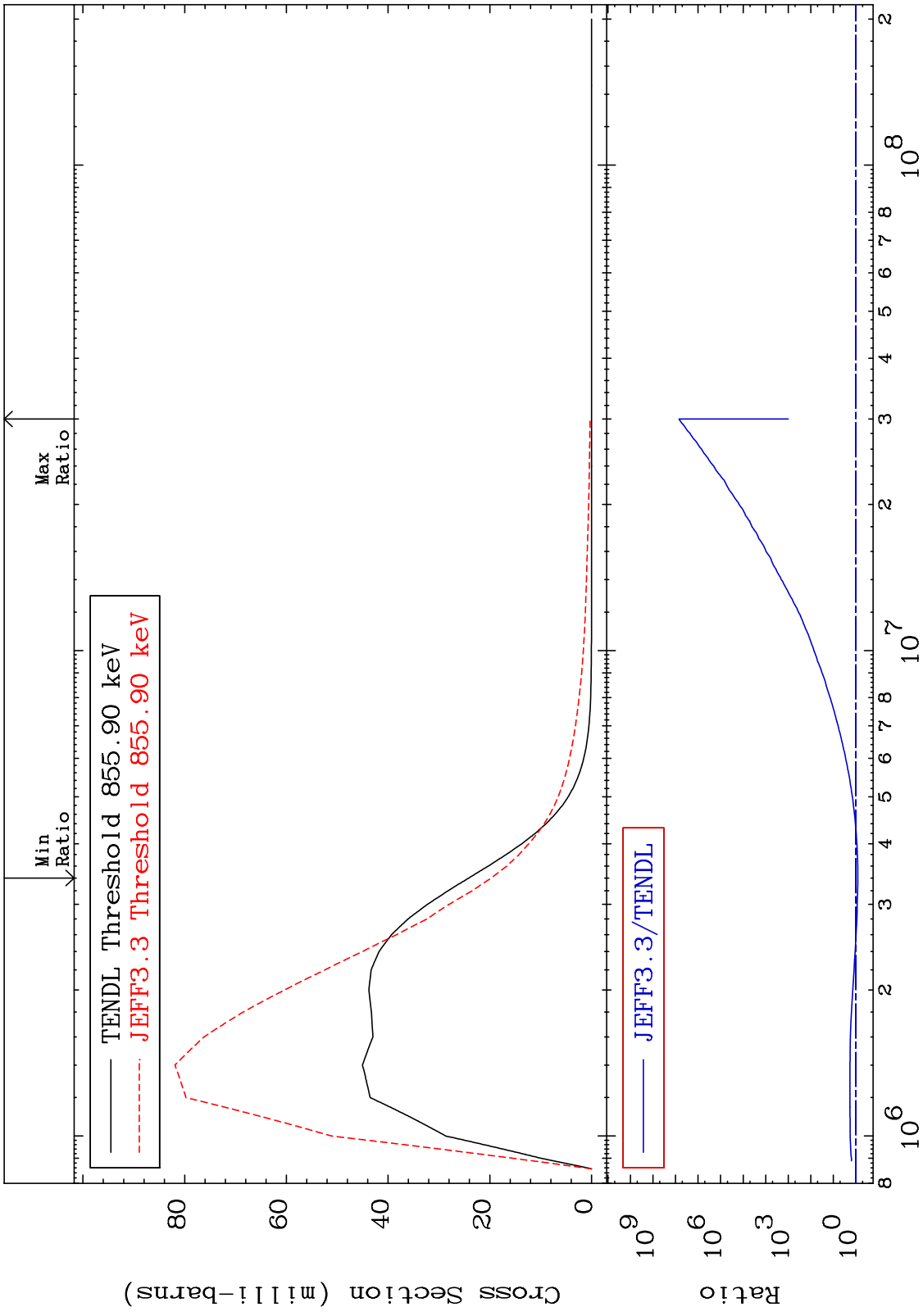


30 Incident Energy (eV) 45-Rh-103

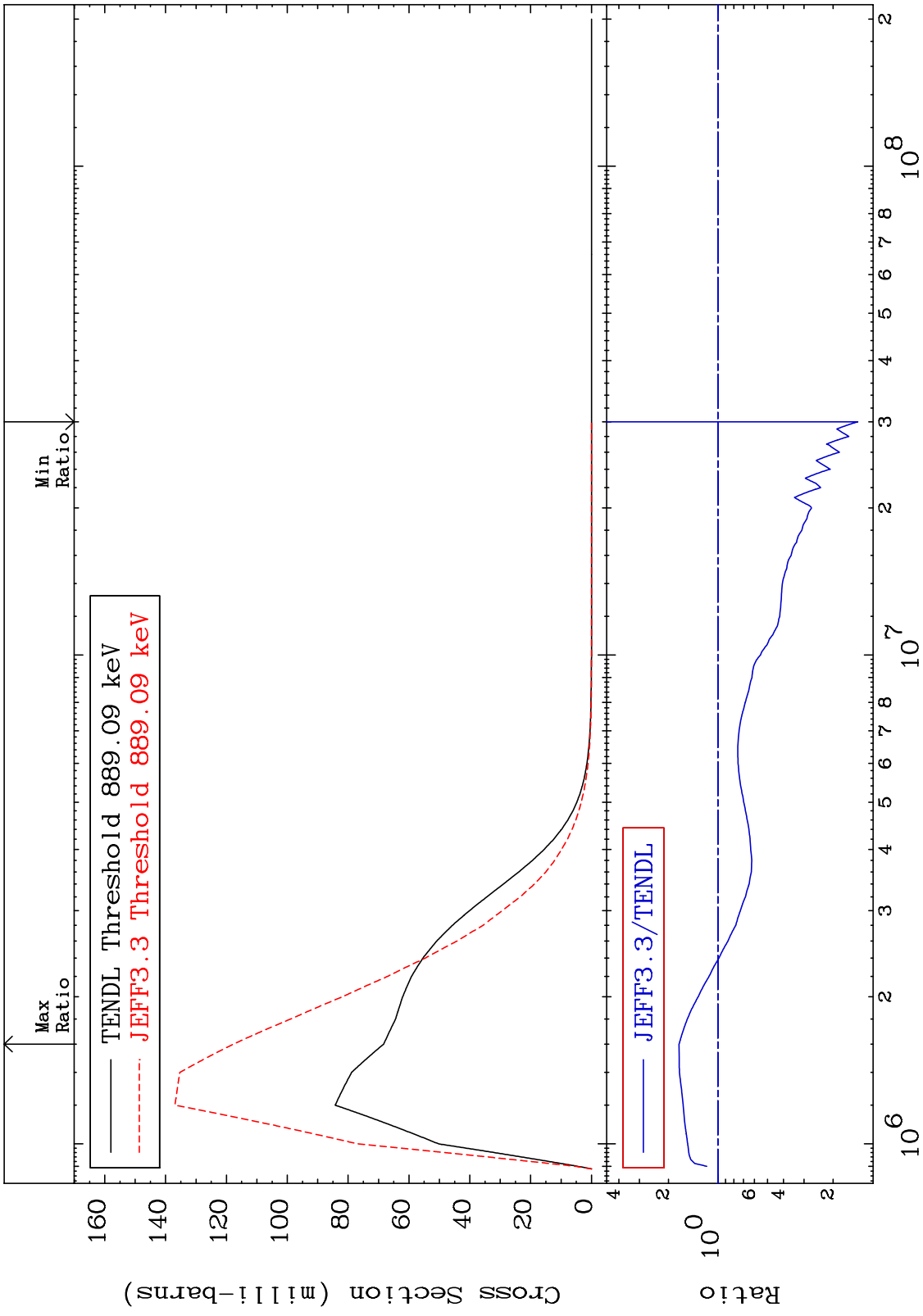
MAT 4525 MT= 62 (n,n') Level Cross Section 45-Rh-103
 -85.84 To 34.34 %



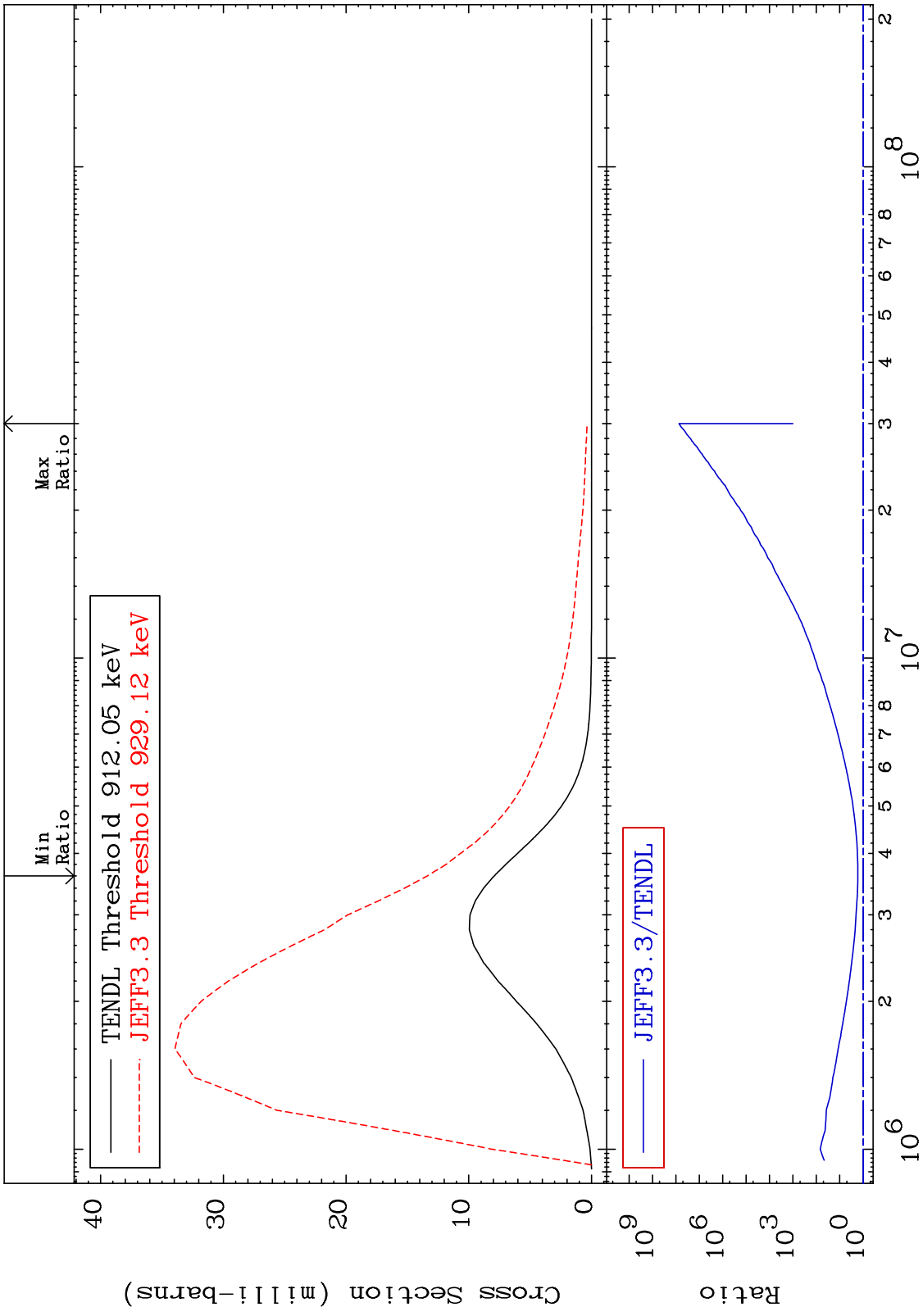
MAT 4525 MT= 63 (n,n') Level 45-Rh-103
 Cross Section -18.35 To 9999. %



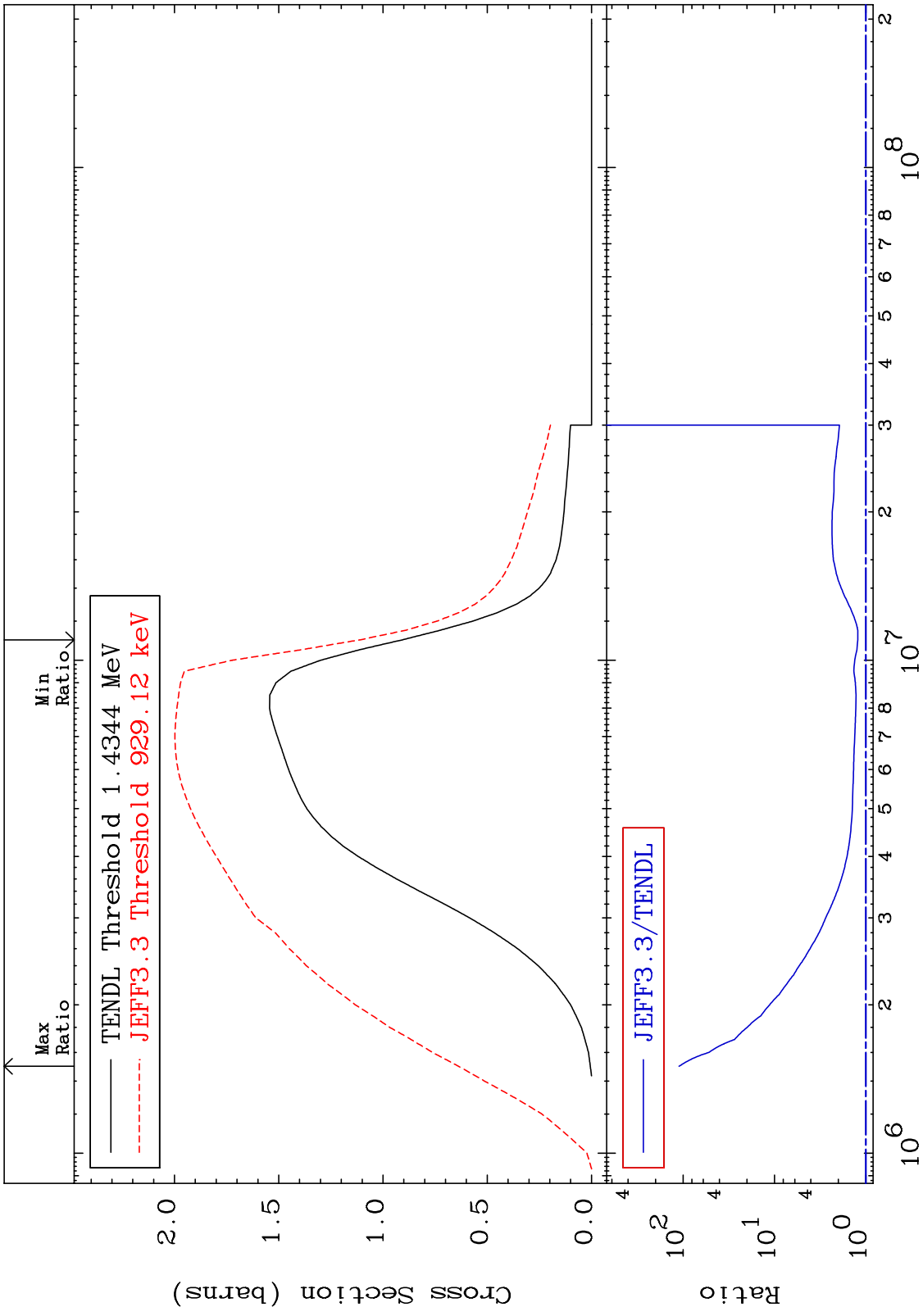
MAT 4525 MT= 64 (n,n') Level Cross Section 45-Rh-103
 -85.85 To 72.31 %



MAT 4525 MT= 65 (n,n') Level Cross Section 45-Rh-103
 68.65 To 9999. %

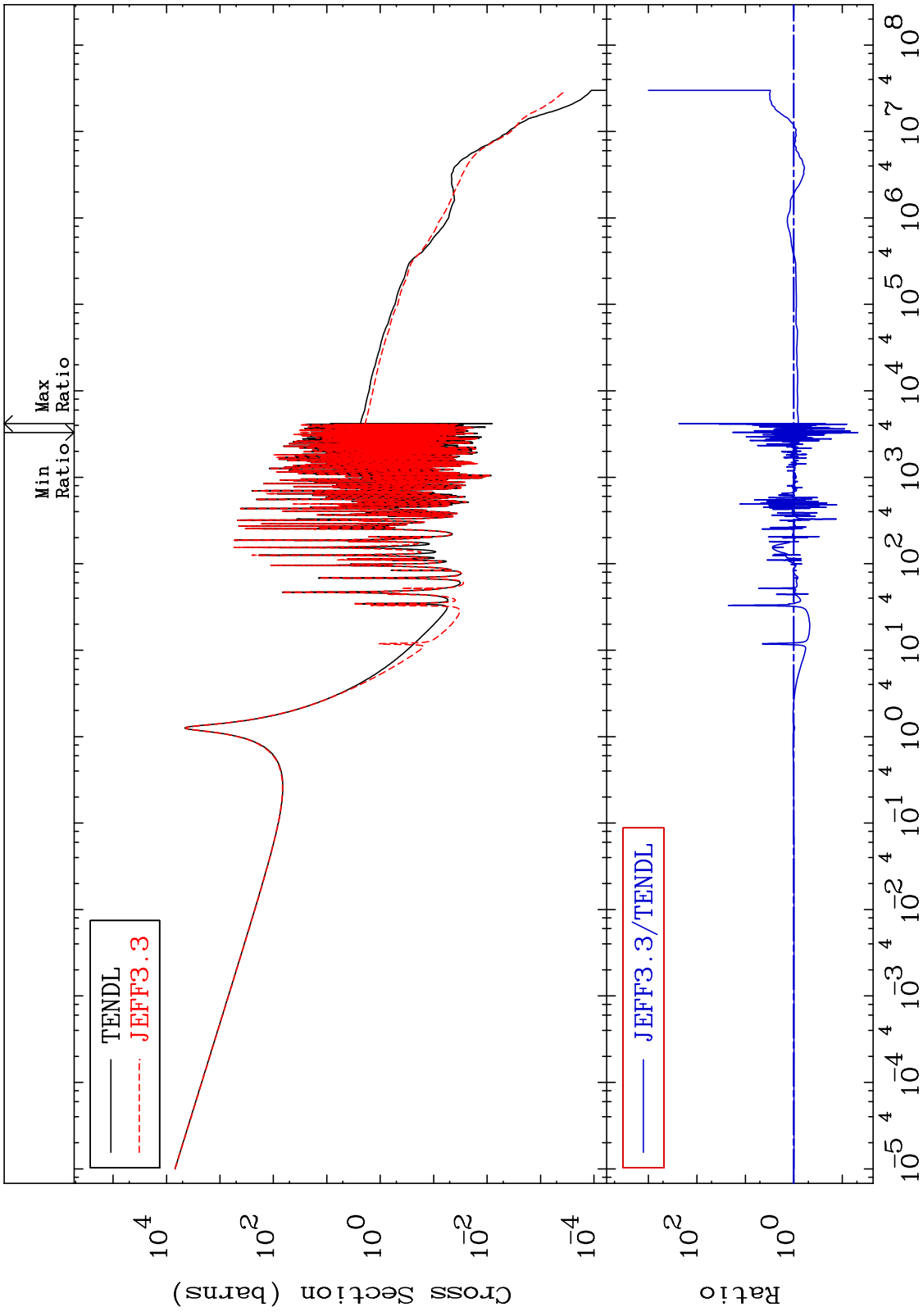


MAT 4525 (n,n') Continuum Cross Section 45-Rh-103 22.48 To 9999. %

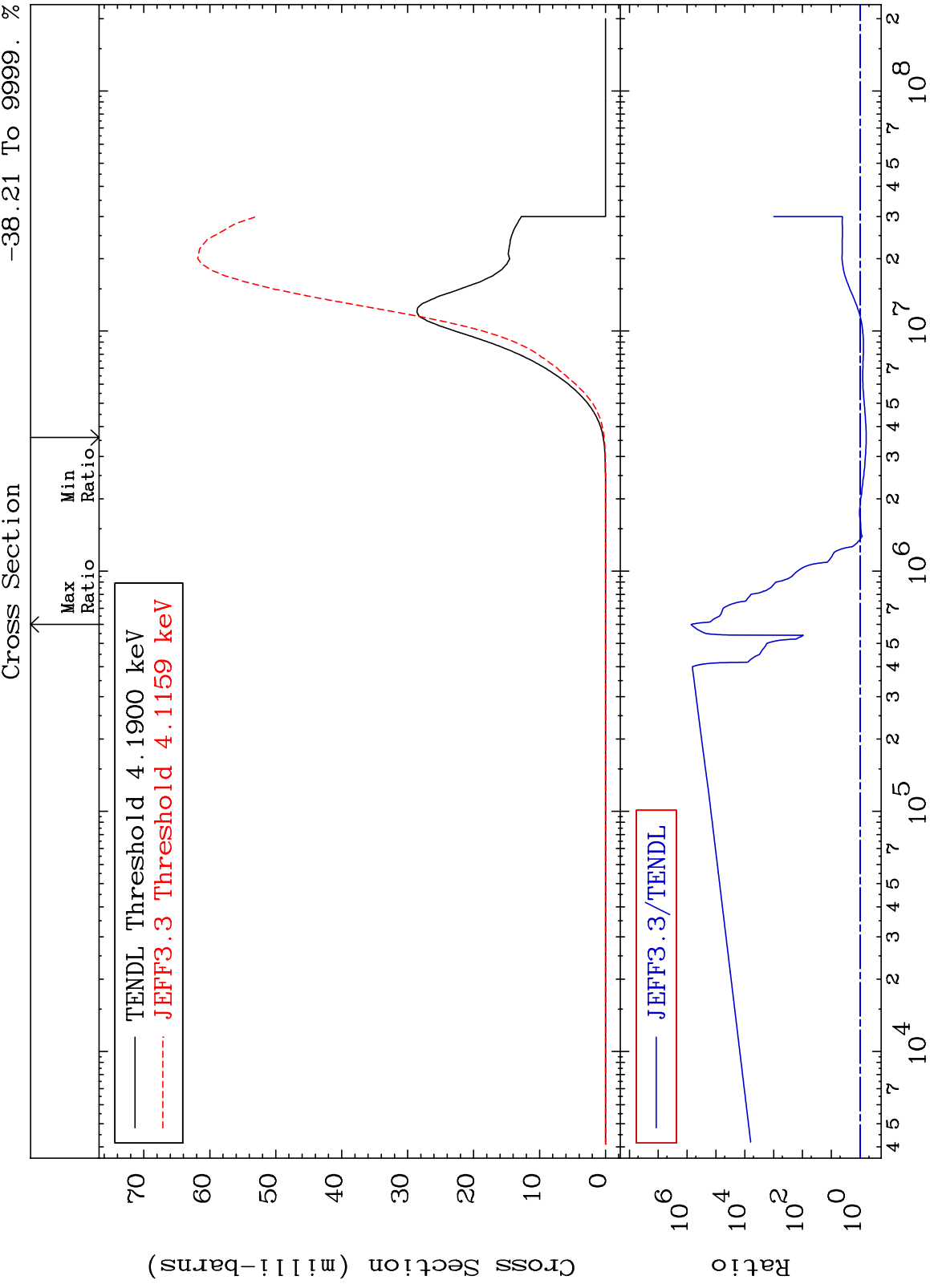


35 45-Rh-103

MAT 4525 (n, γ) Cross Section 45-Rh-103 -95.22 To 9999. %

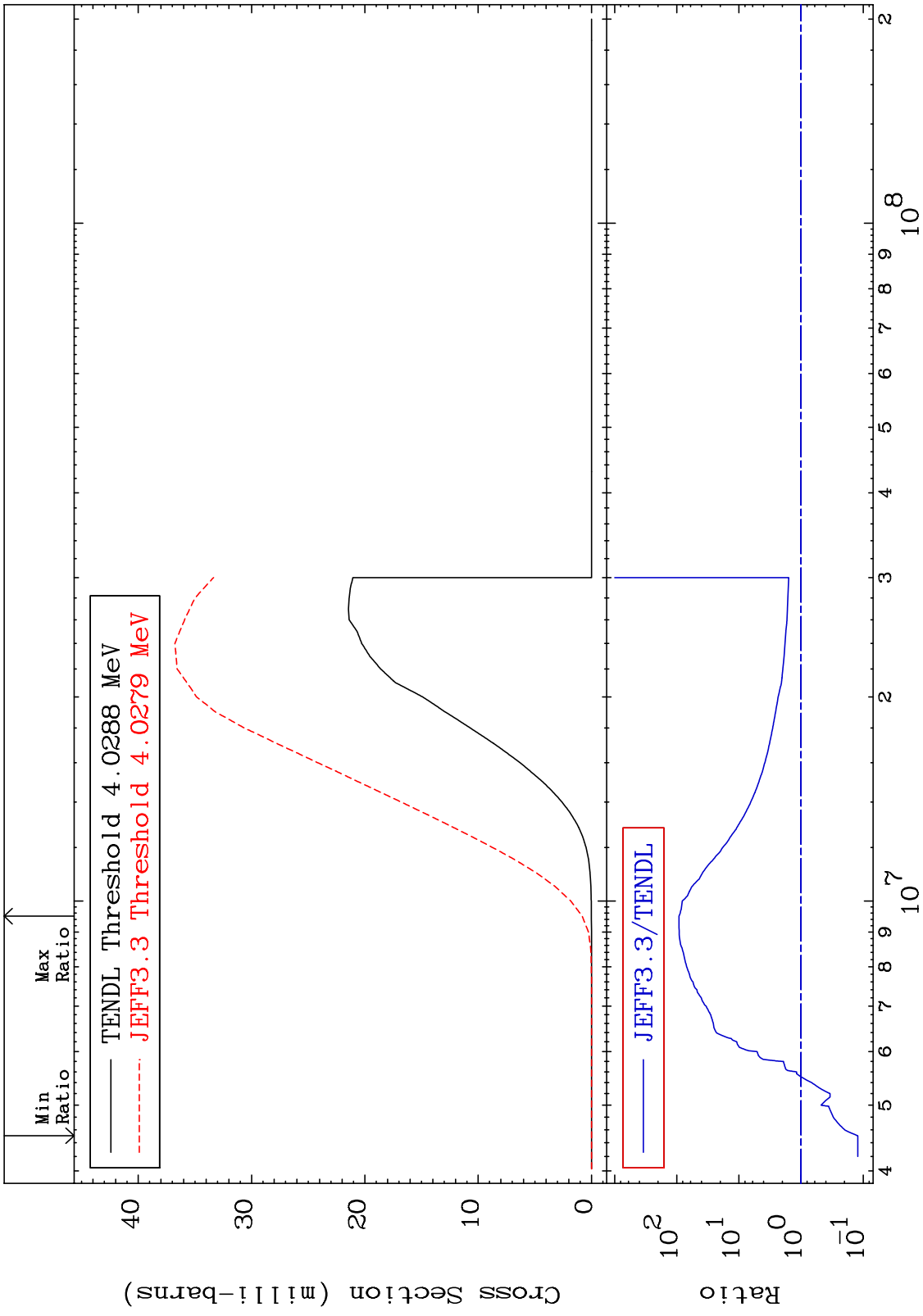


MAT 4525 (n,p) 45-Rh-103 -38.21 To 9999. %

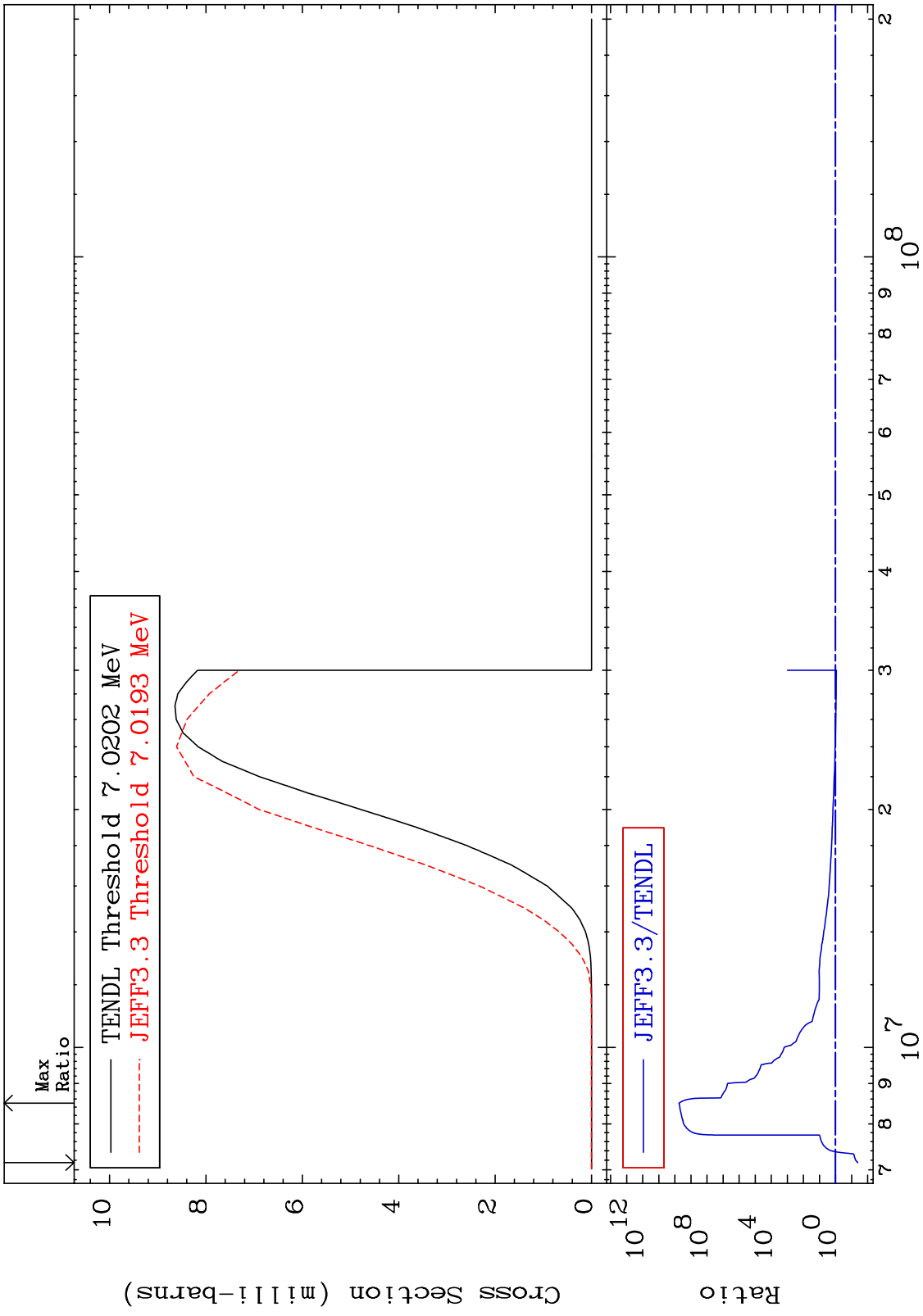


37 45-Rh-103

MAT 4525 (n,d) Cross Section 45-Rh-103 -87.80 To 9085. %



MAT 4525 (n,t) 45-Rh-103
 Cross Section -95.92 To 9999. %



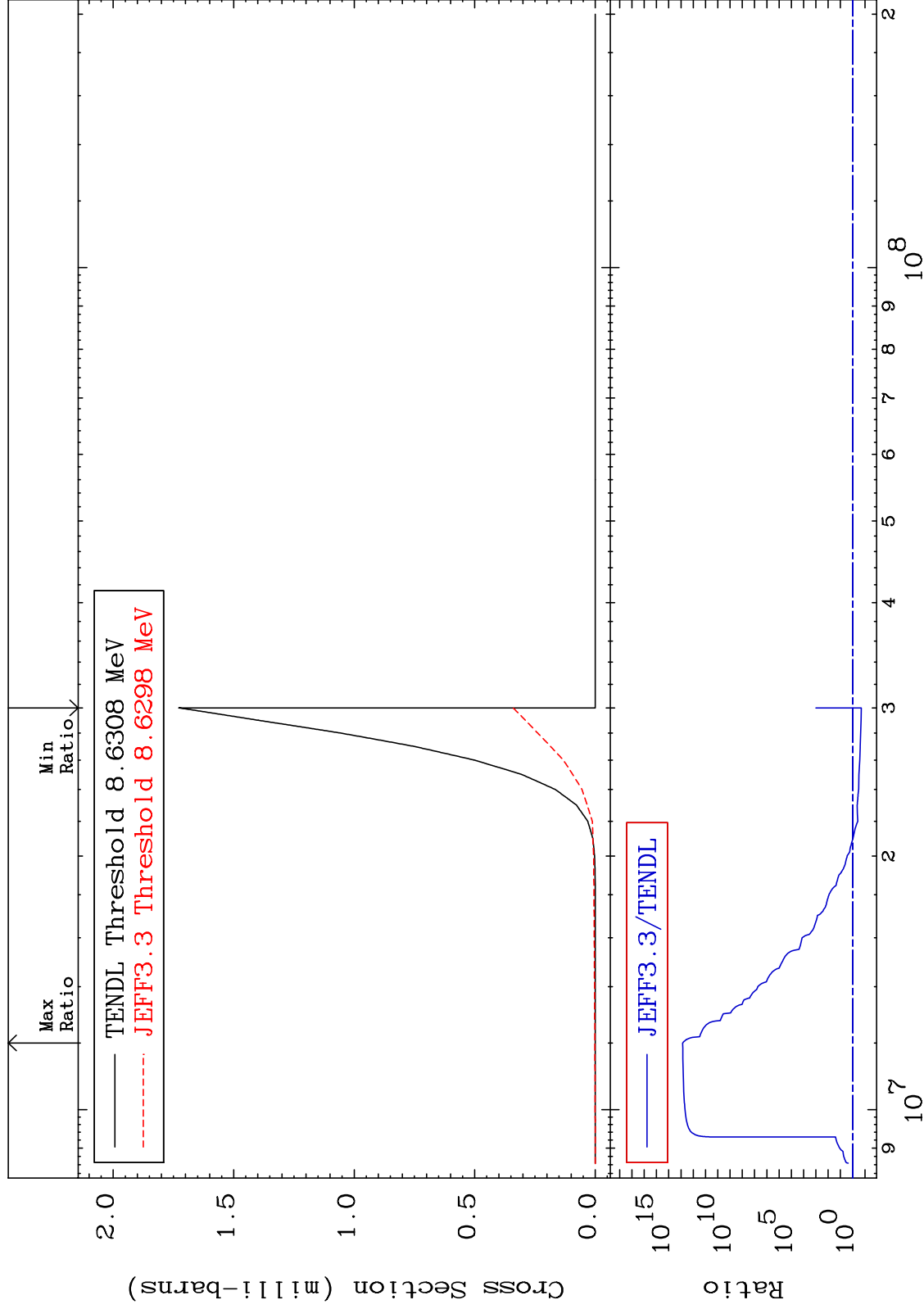
MAT 4525

(n, He-3)

45-Rh-103

Cross Section

-80.27 To 9999. %

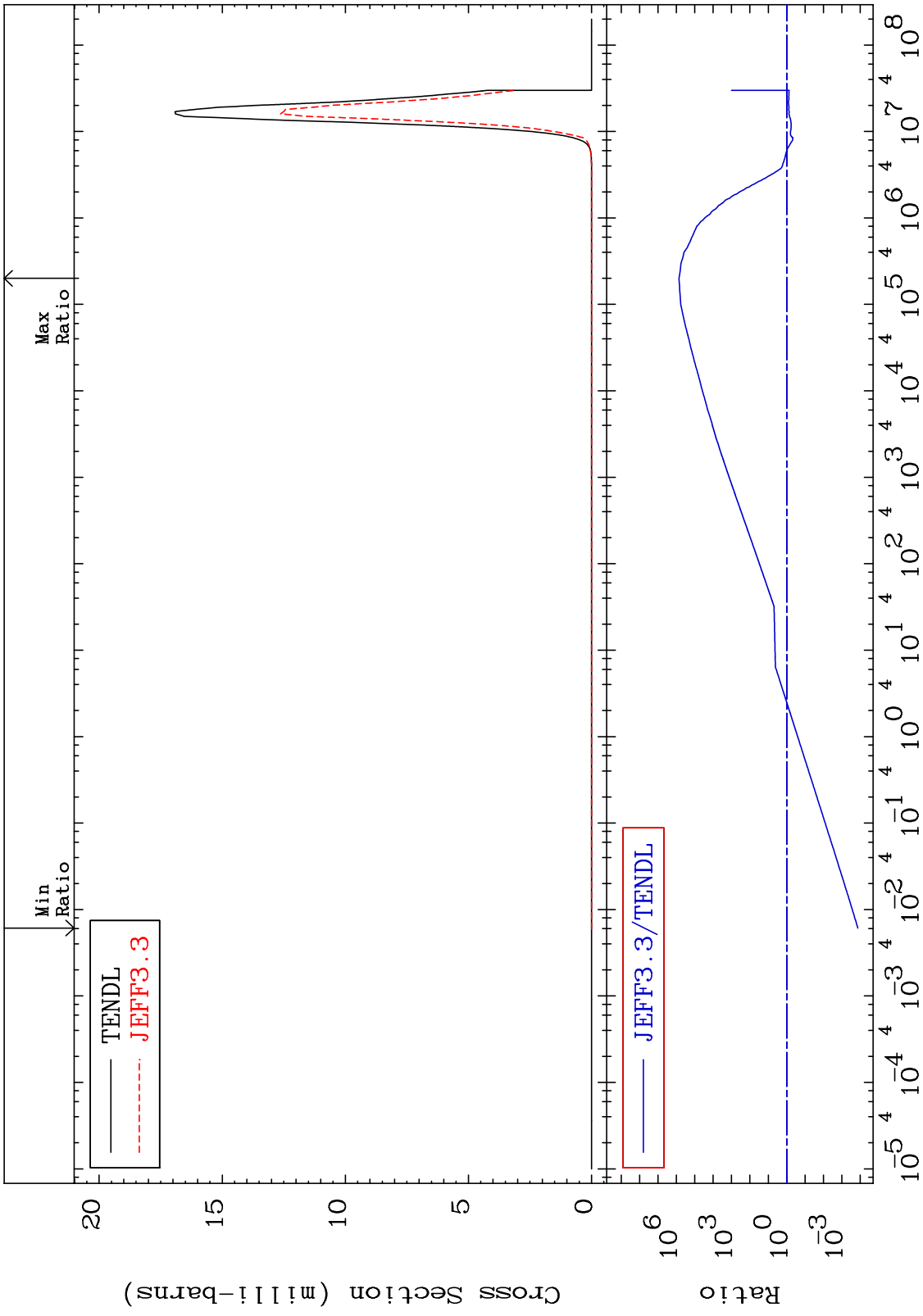


40

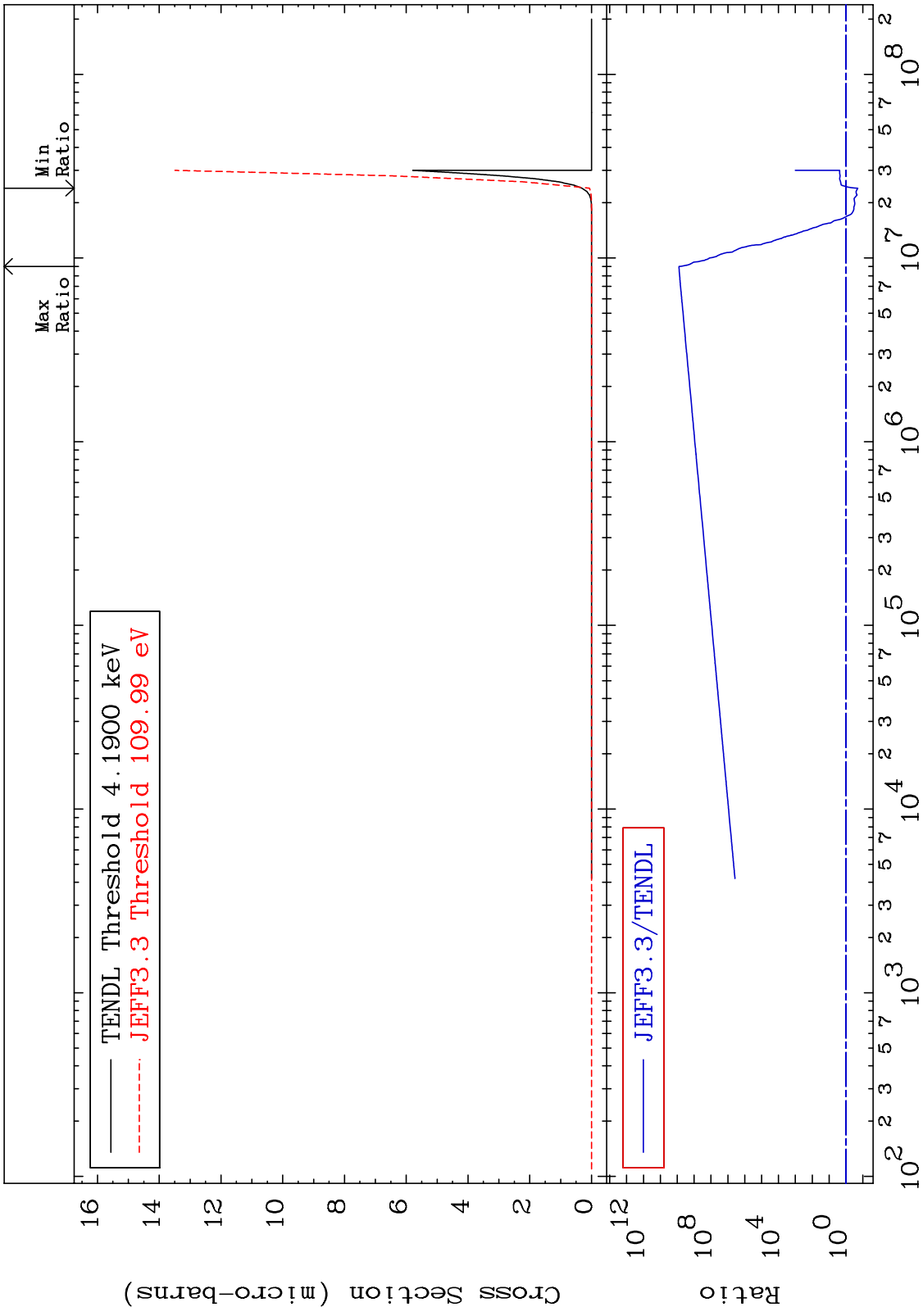
Incident Energy (eV)

45-Rh-103

MAT 4525 45-Rh-103
 (n, α) -99.99 To 9999. %
 Cross Section

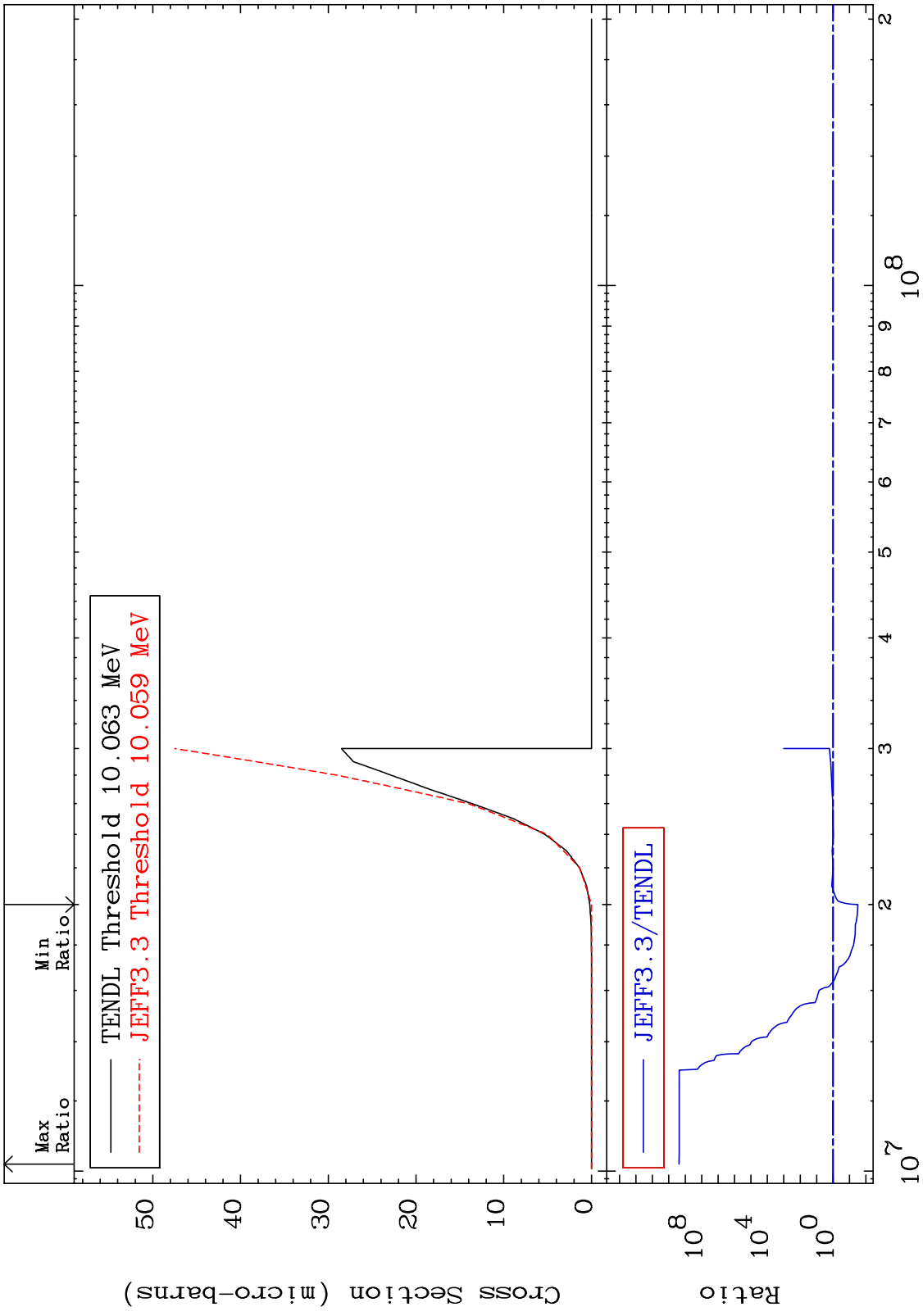


MAT 4525 (n,2α) Cross Section 45-Rh-103 -80.23 To 9999. %



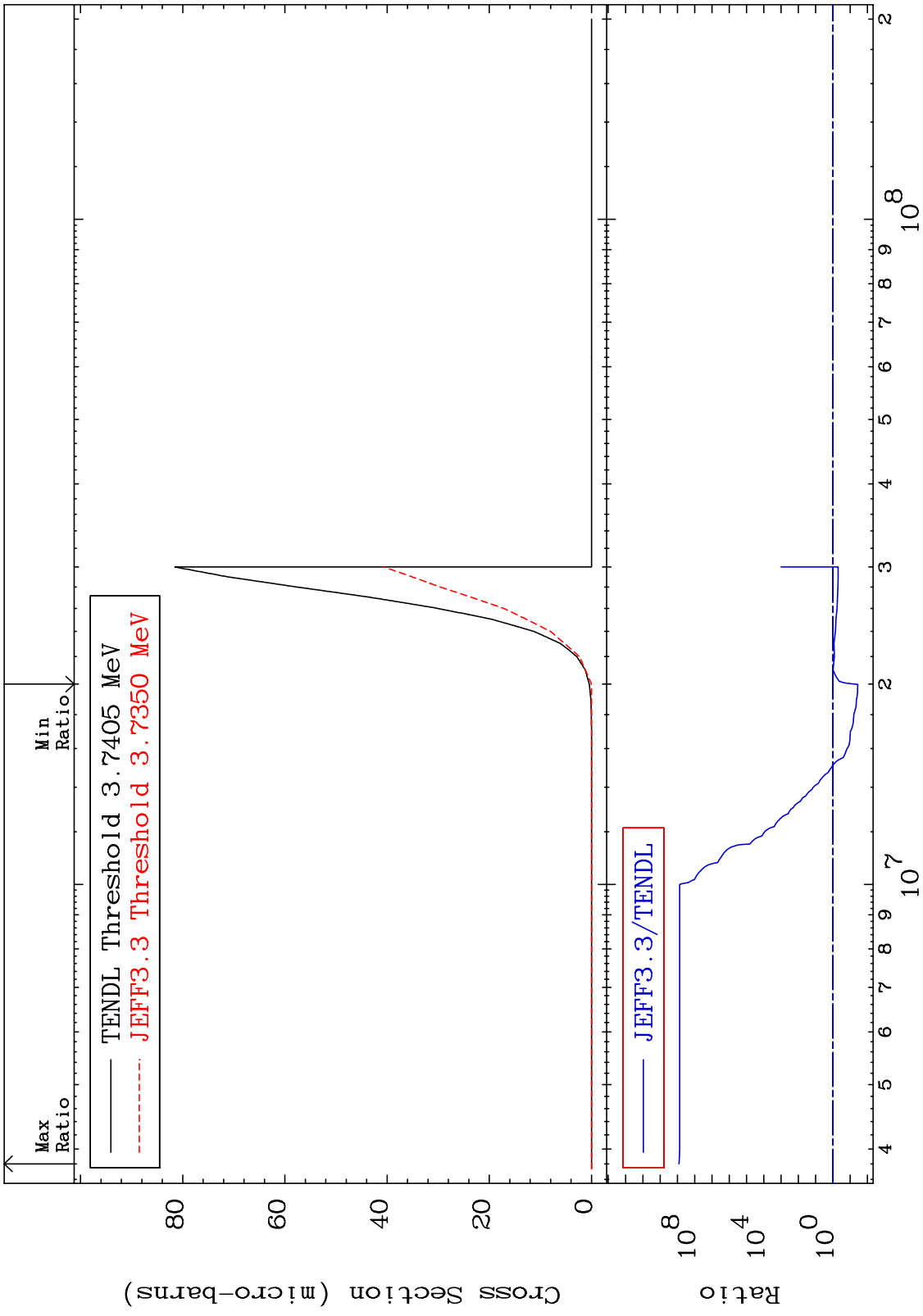
42 45-Rh-103 Incident Energy (eV)

MAT 4525 (n,2p) Cross Section 45-Rh-103 -96.90 To 9999. %

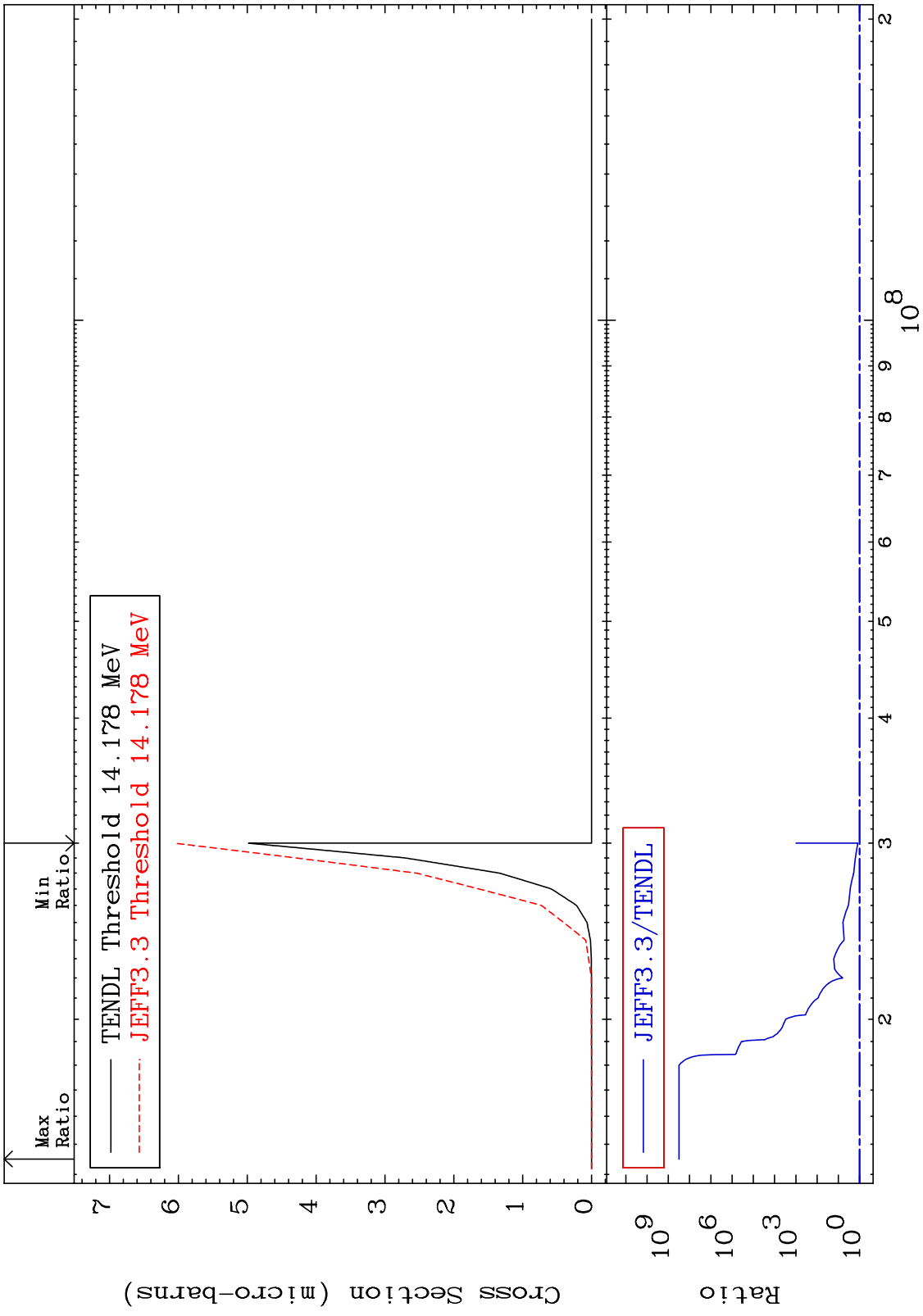


45-Rh-103

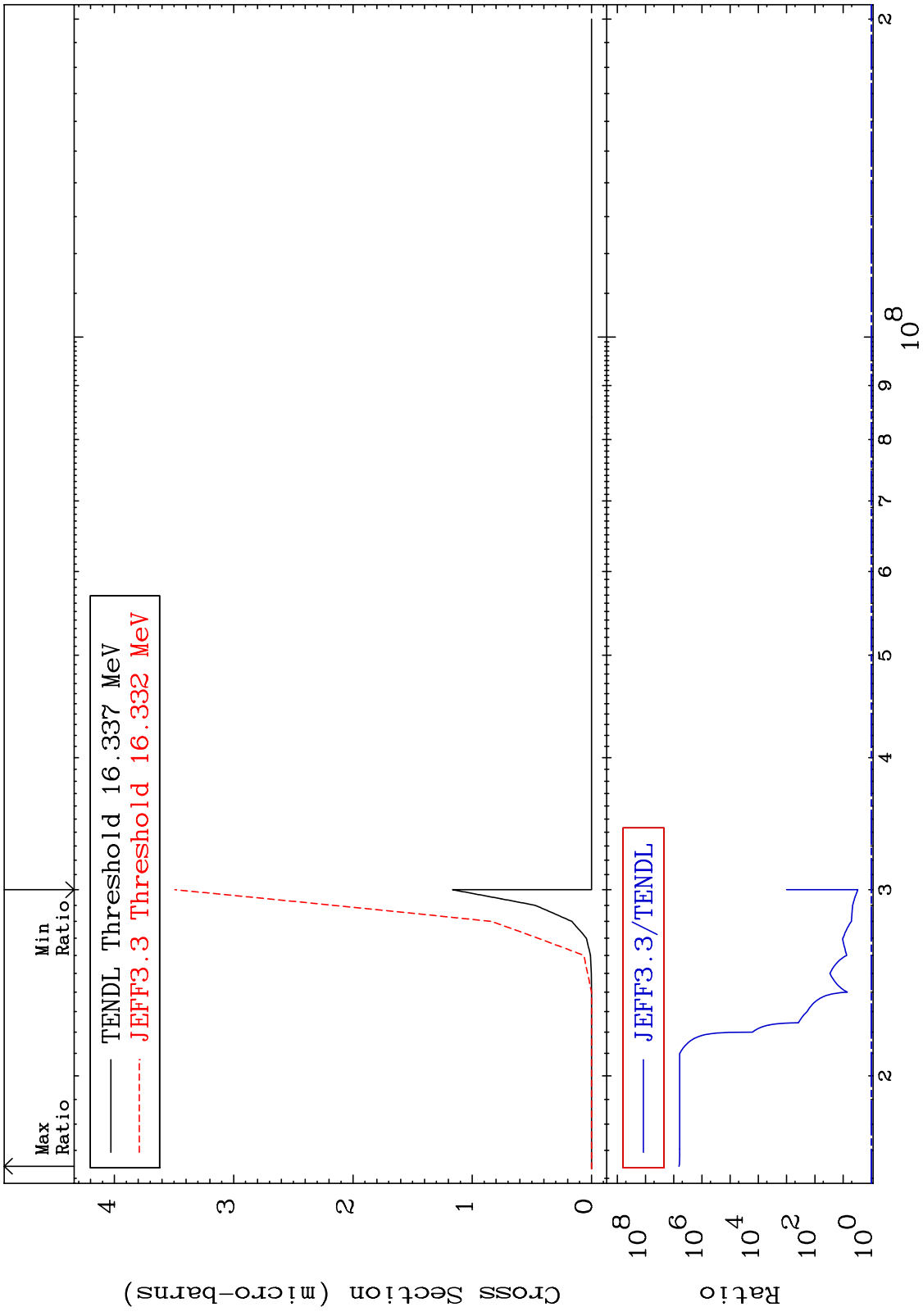
MAT 4525 $(n,p) \alpha$ 45-Rh-103
 Cross Section -96.41 To 9999. %



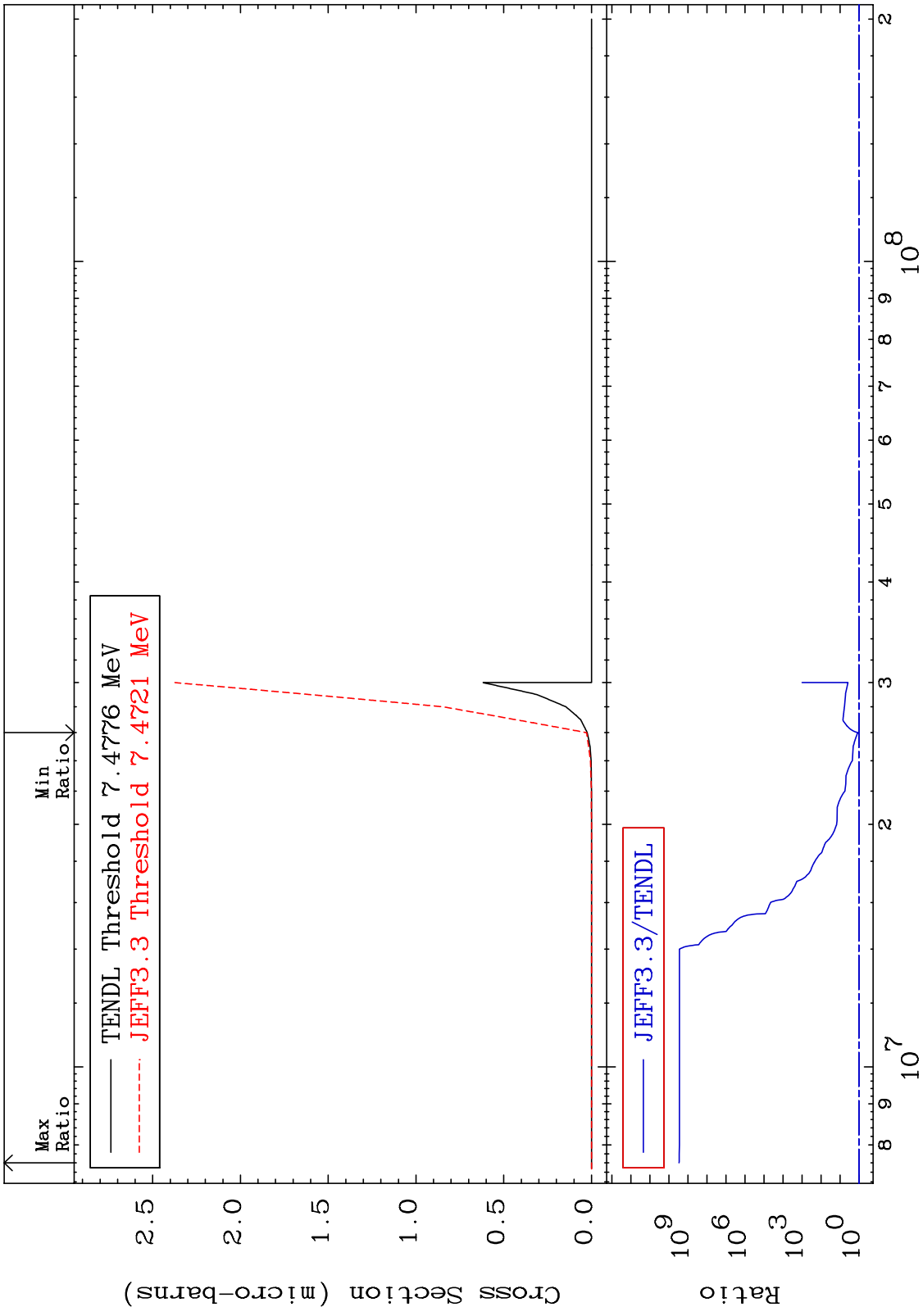
MAT 4525 (n,p) d 45-Rh-103
 Cross Section 21.51 To 9999. %

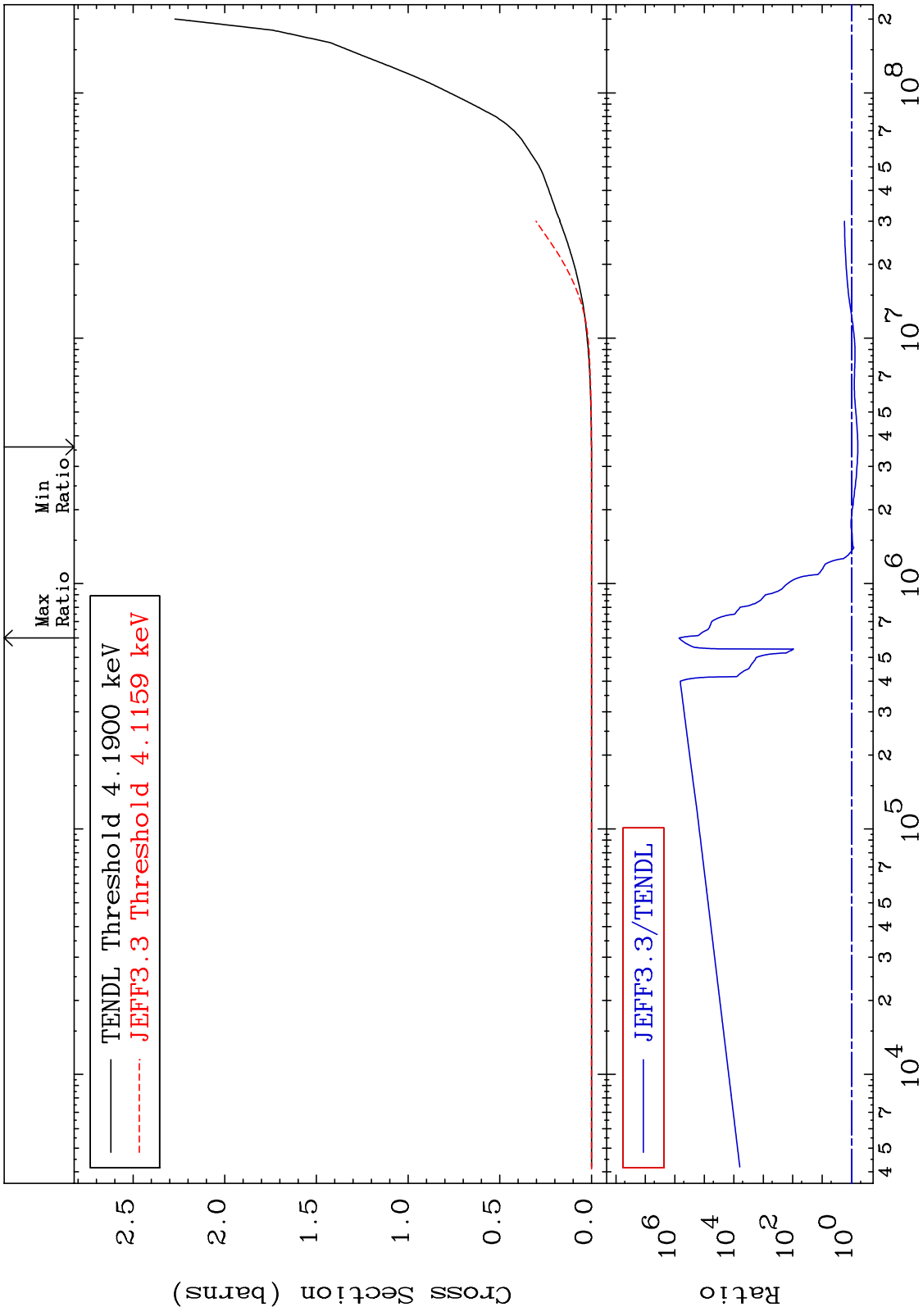


MAT 4525 (n,p) t 45-Rh-103
 Cross Section 199.8 To 9999. %



MAT 4525 (n,d) α 45-Rh-103
 Cross Section 14.99 To 9999. %

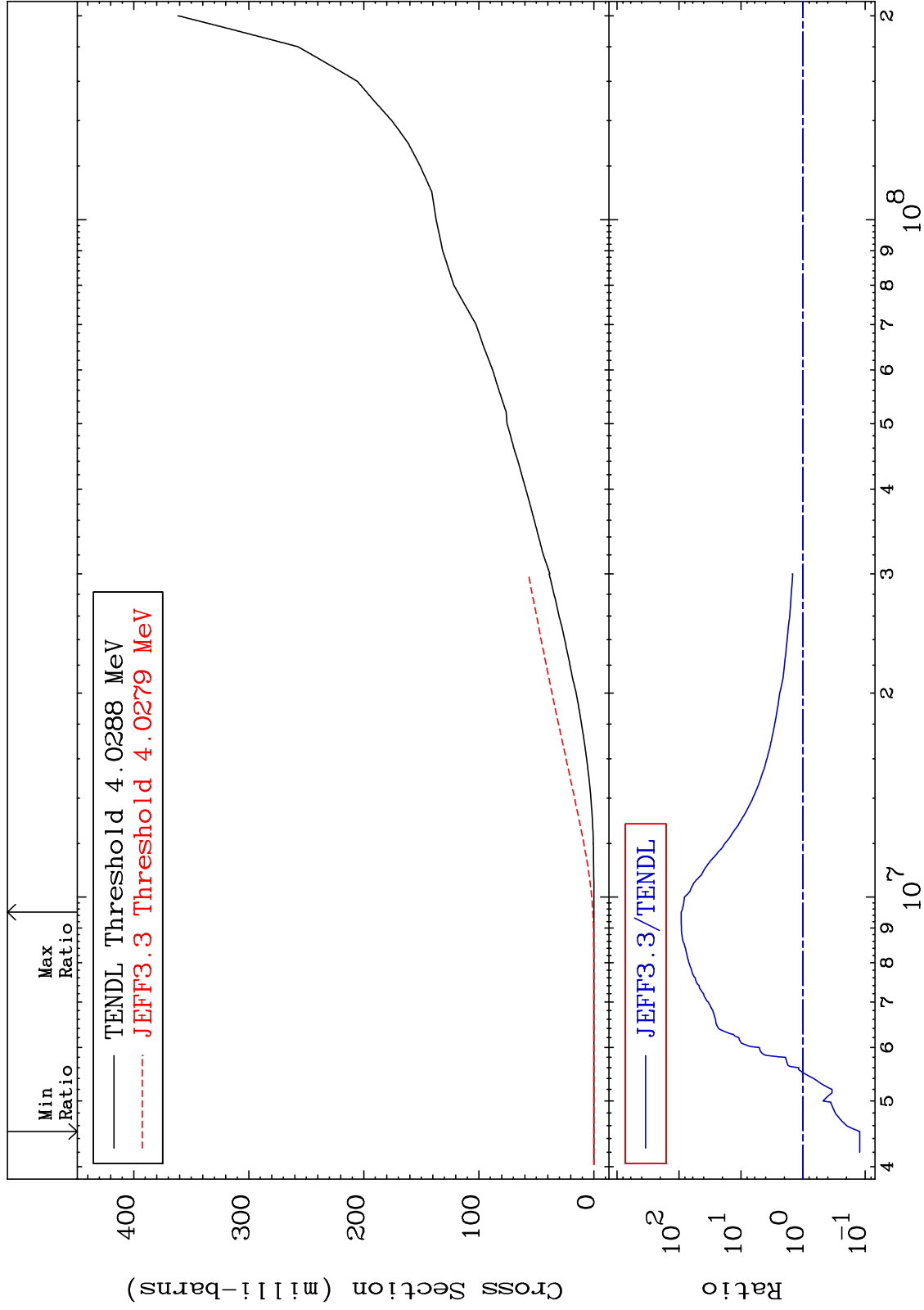




MAT 4525

Deuterium Production
Cross Section

45-Rh-103
-87.80 To 9085. %

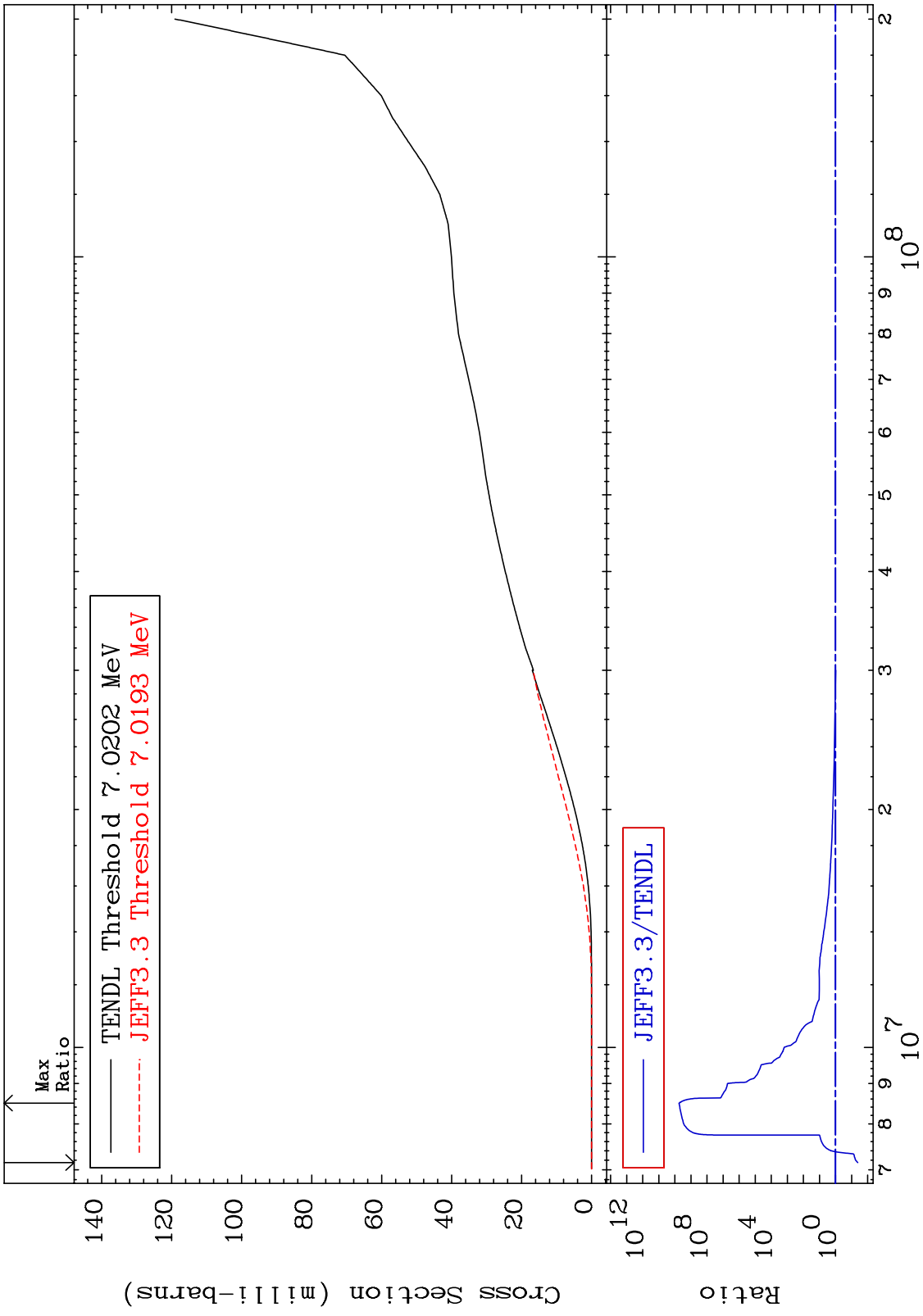


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Incident Energy (eV)

45-Rh-103

MAT 4525 Tritium Production Cross Section 45-Rh-103 -95.92 To 9999. %

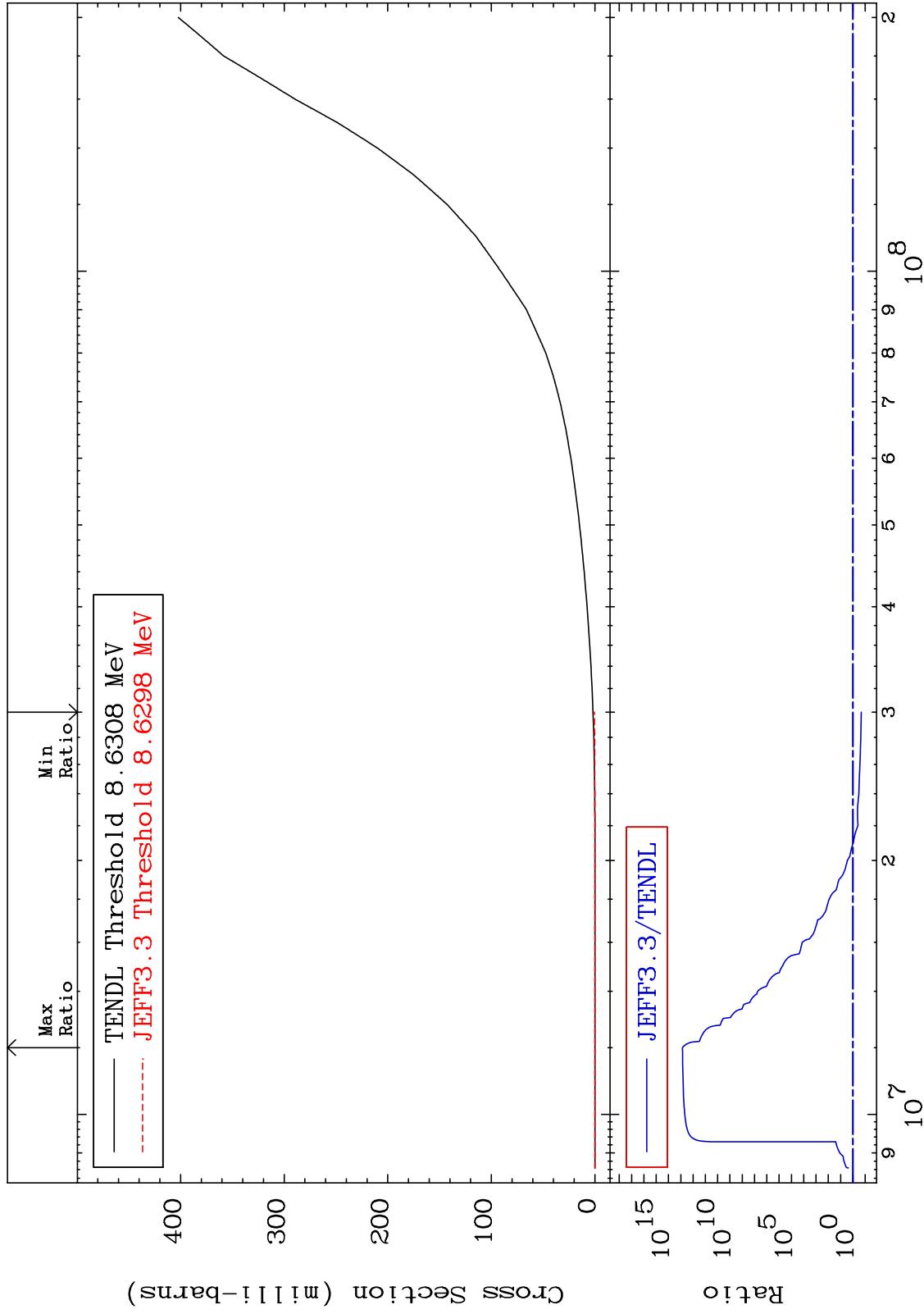


50 45-Rh-103

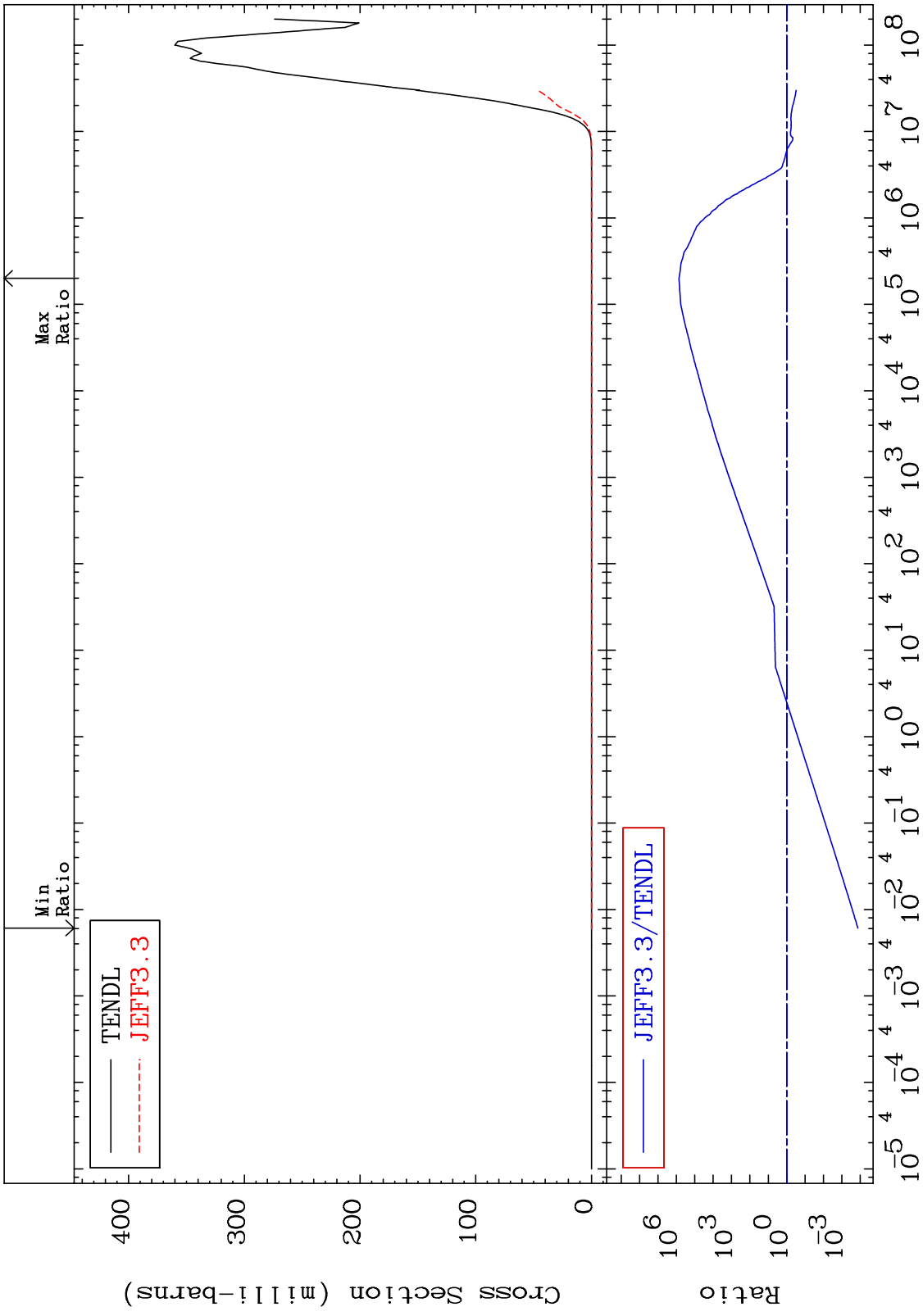
MAT 4525

He-3 Production
Cross Section

45-Rh-103
-79.13 To 9999. %



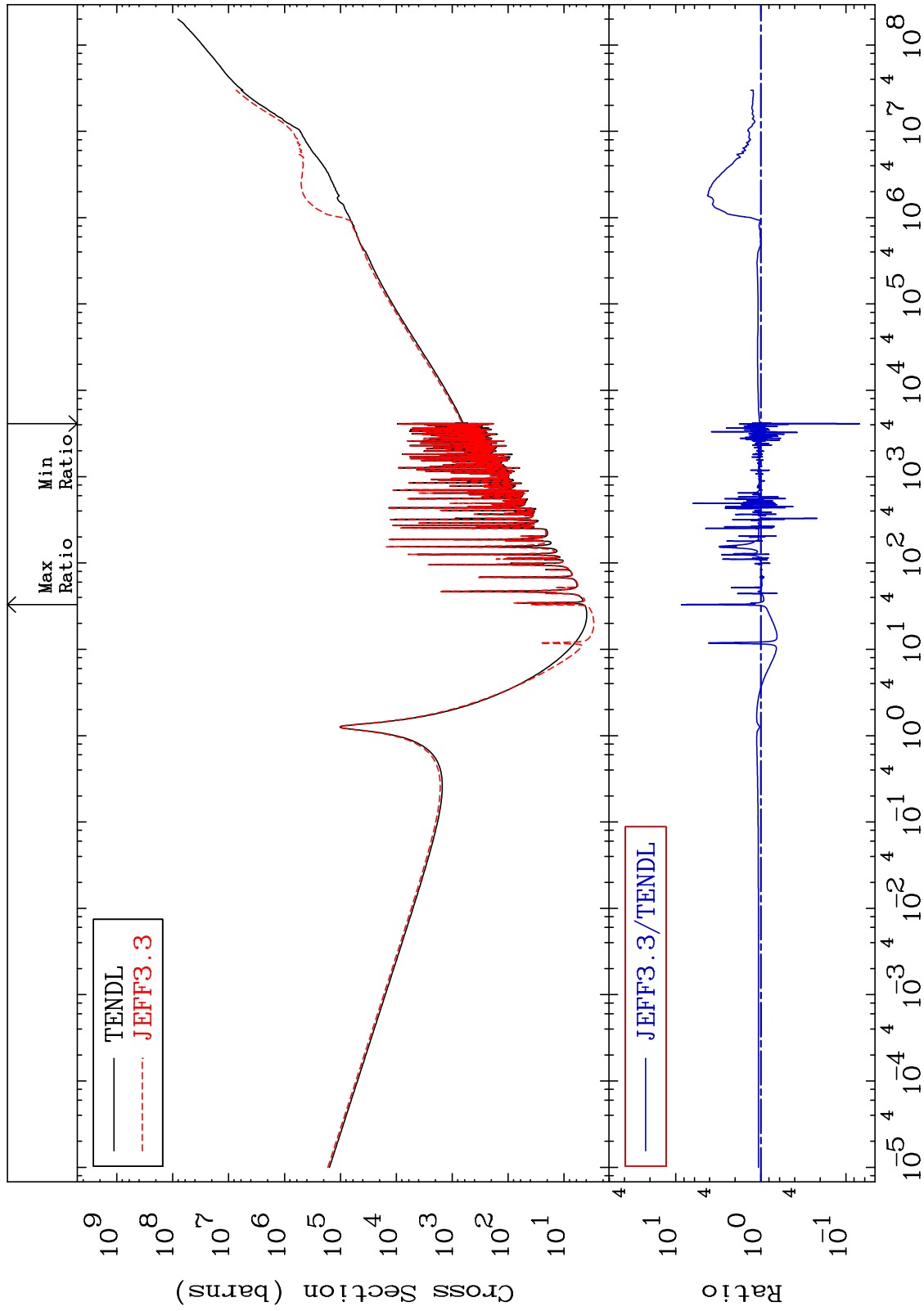
MAT 4525 He-4 Production Cross Section 45-Rh-103
-99.99 To 9999. %



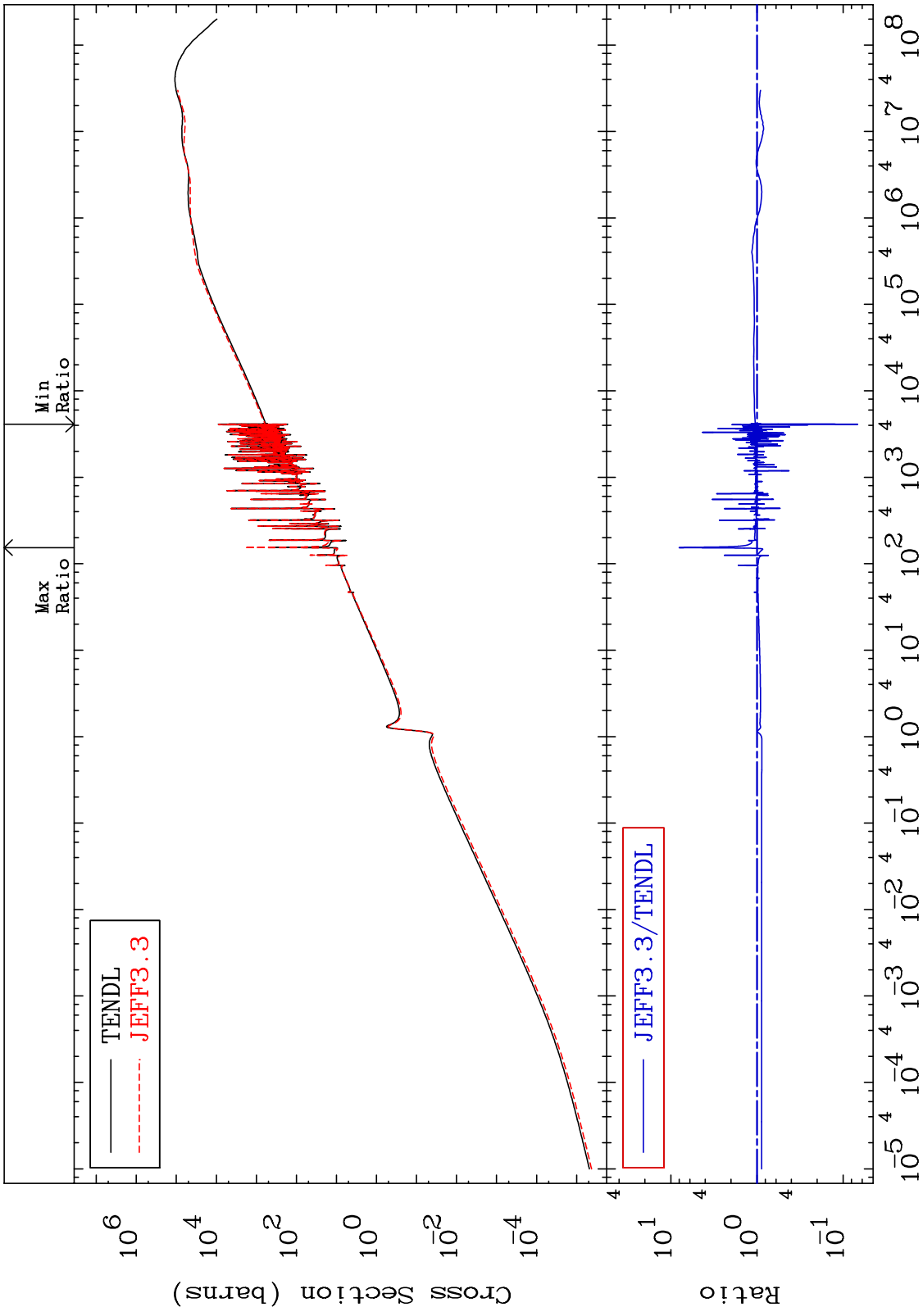
MAT 4525

Kerma total (eV-barns)
Cross Section

45-Rh-103
-93.13 To 759.8 %

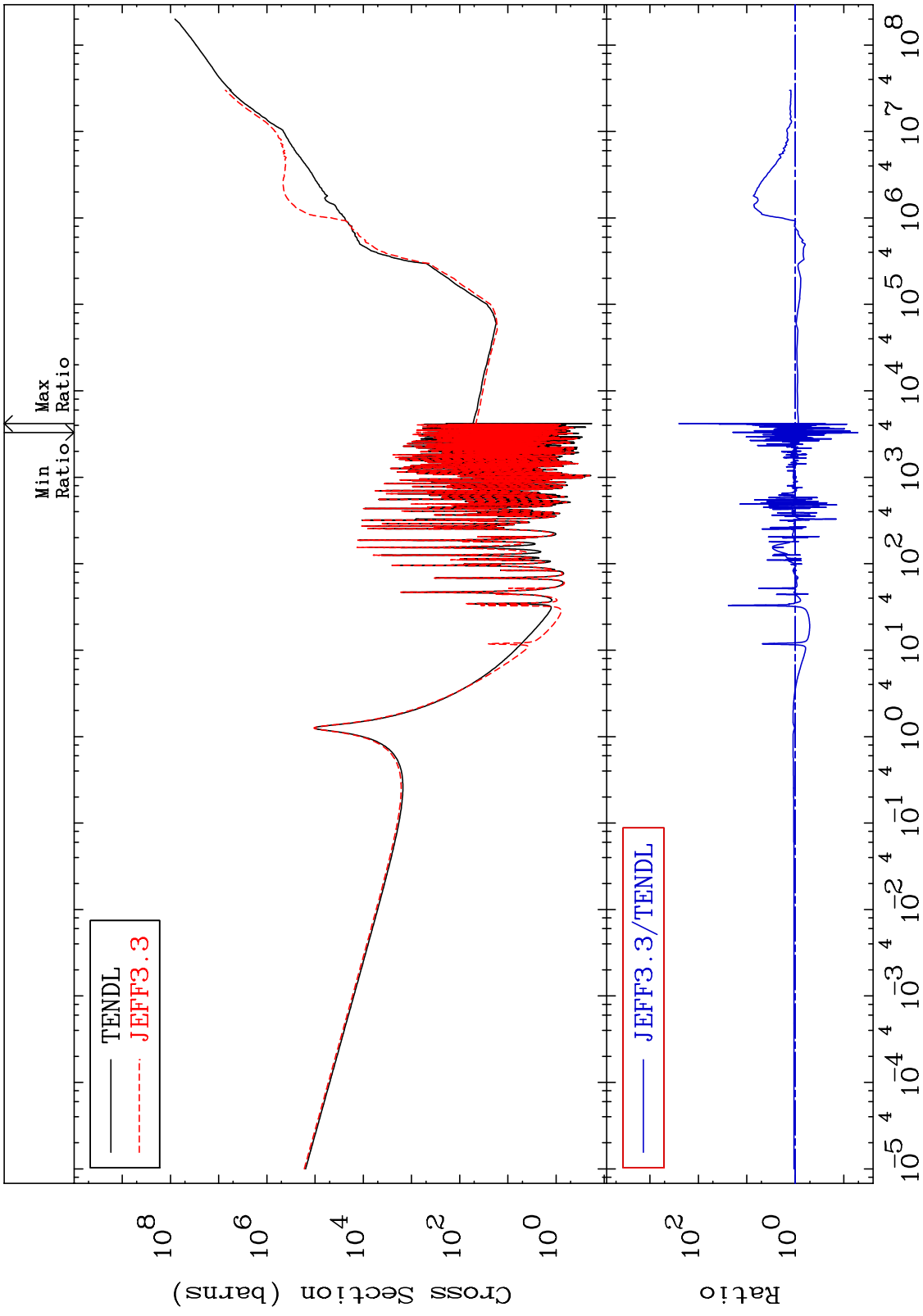


MAT 4525 45-Rh-103
 Kerma elastic Cross Section -93.25 To 704.3 %

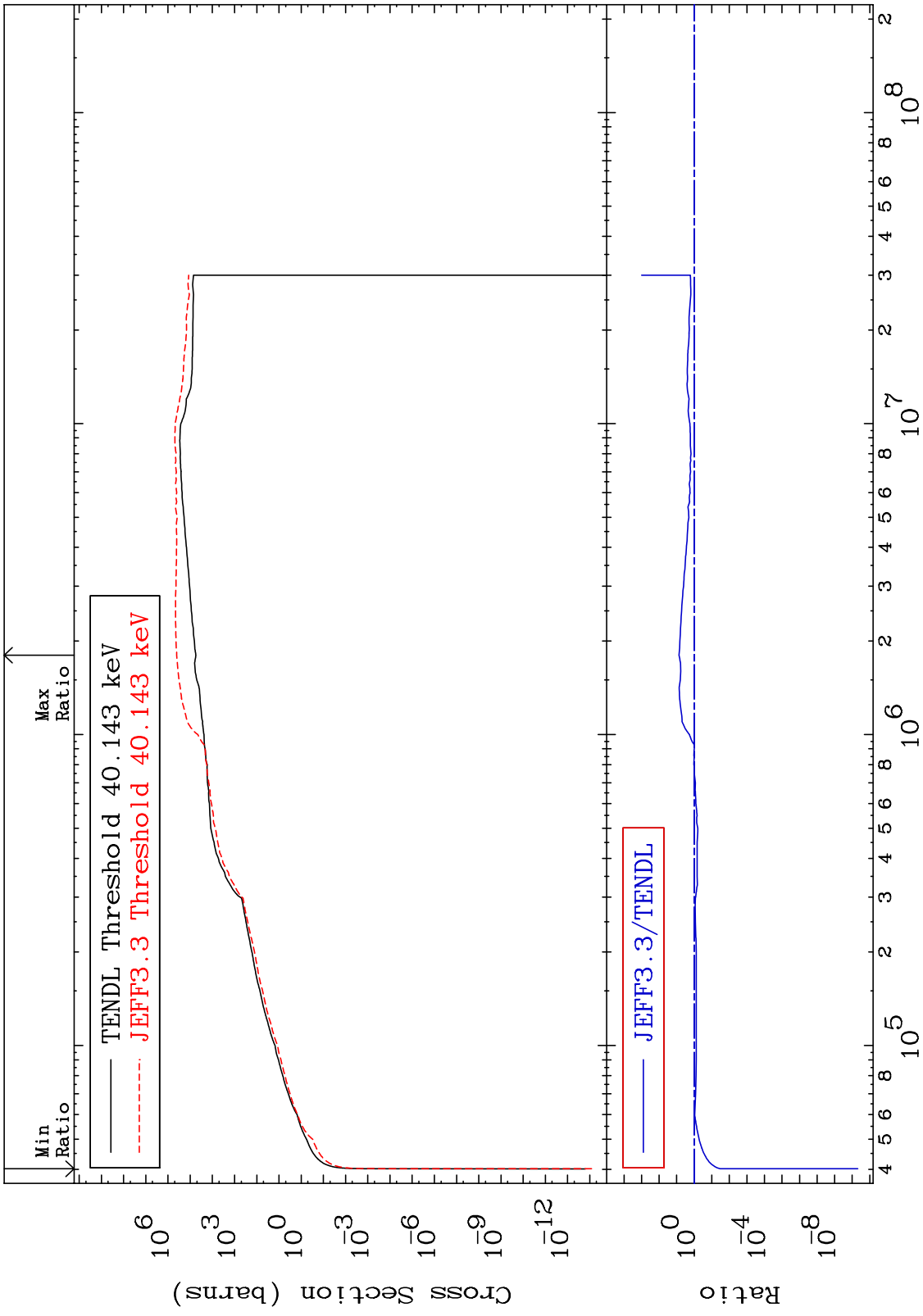


54 45-Rh-103

MAT 4525 Kerma non-elastic (all but mt.2) 45-Rh-103
 Cross Section -94.87 To 9999. %



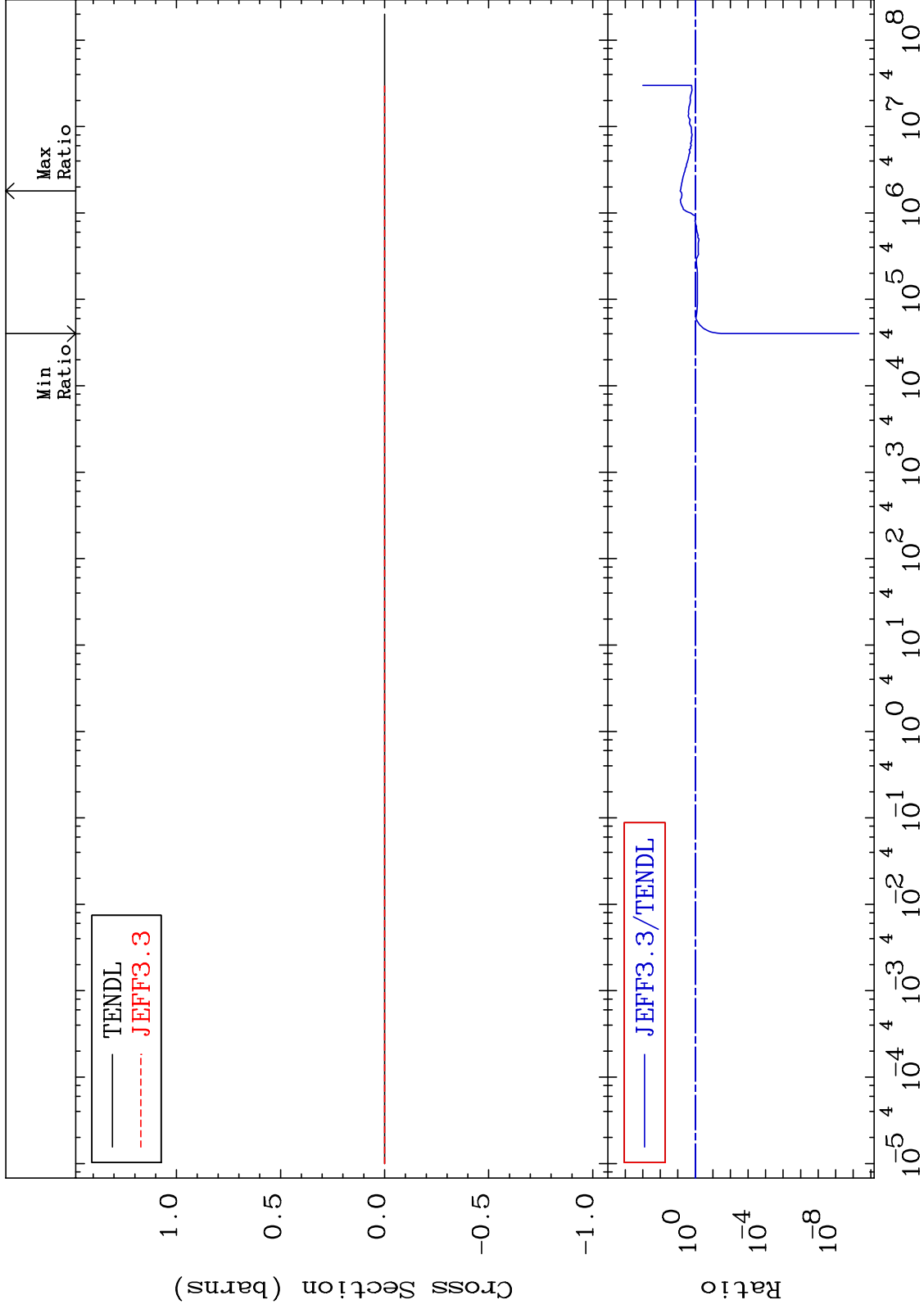
MAT 4525 Kerma inelastic (mt51-91) 45-Rh-103
-100.0 To 632.5 %
Cross Section



MAT 4525

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

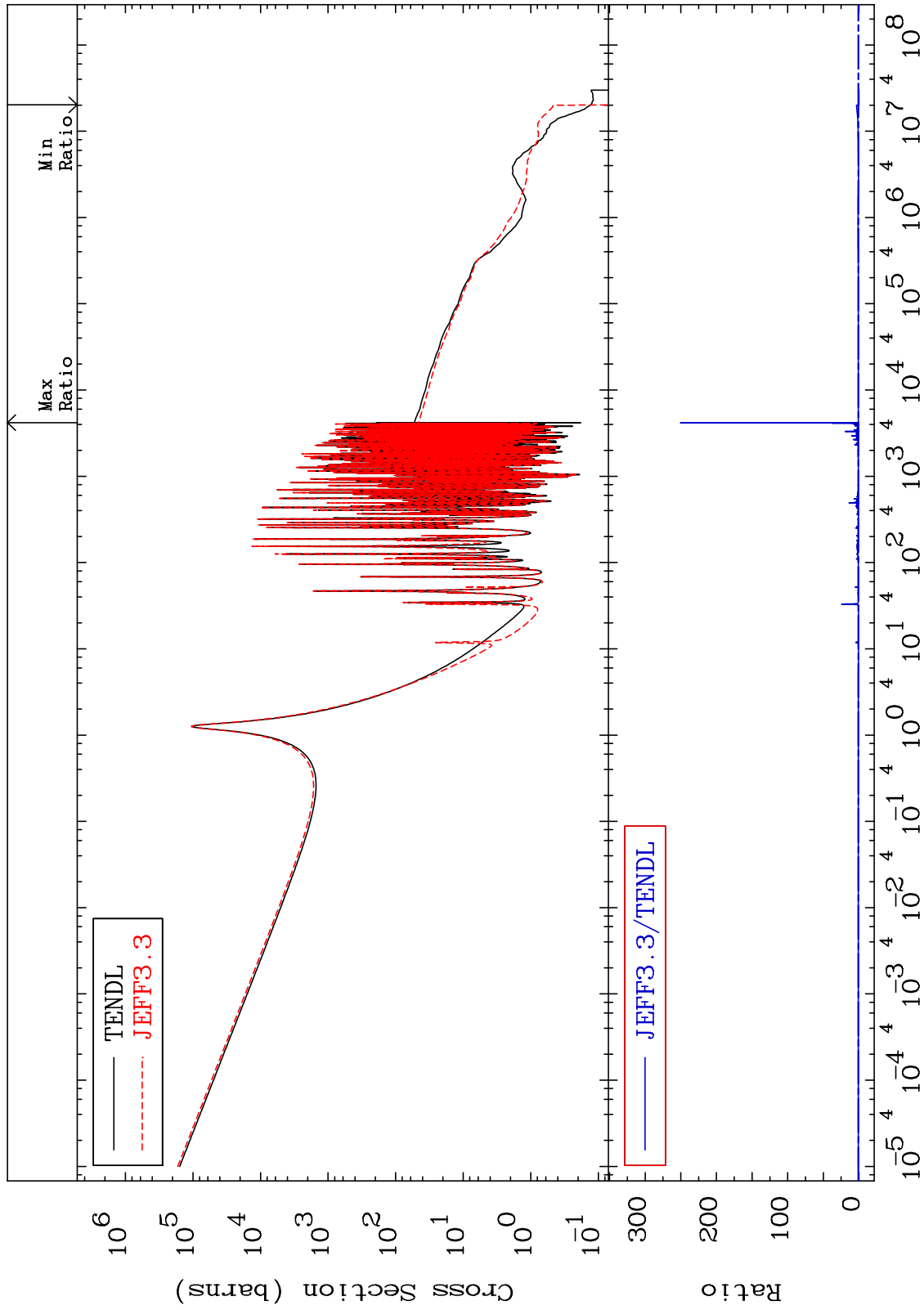
45-Rh-103
-100.0 To 632.5 %



MAT 4525

Kerma capture (mt102)
Cross Section

45-Rh-103
-100.0 To 9999. %



58

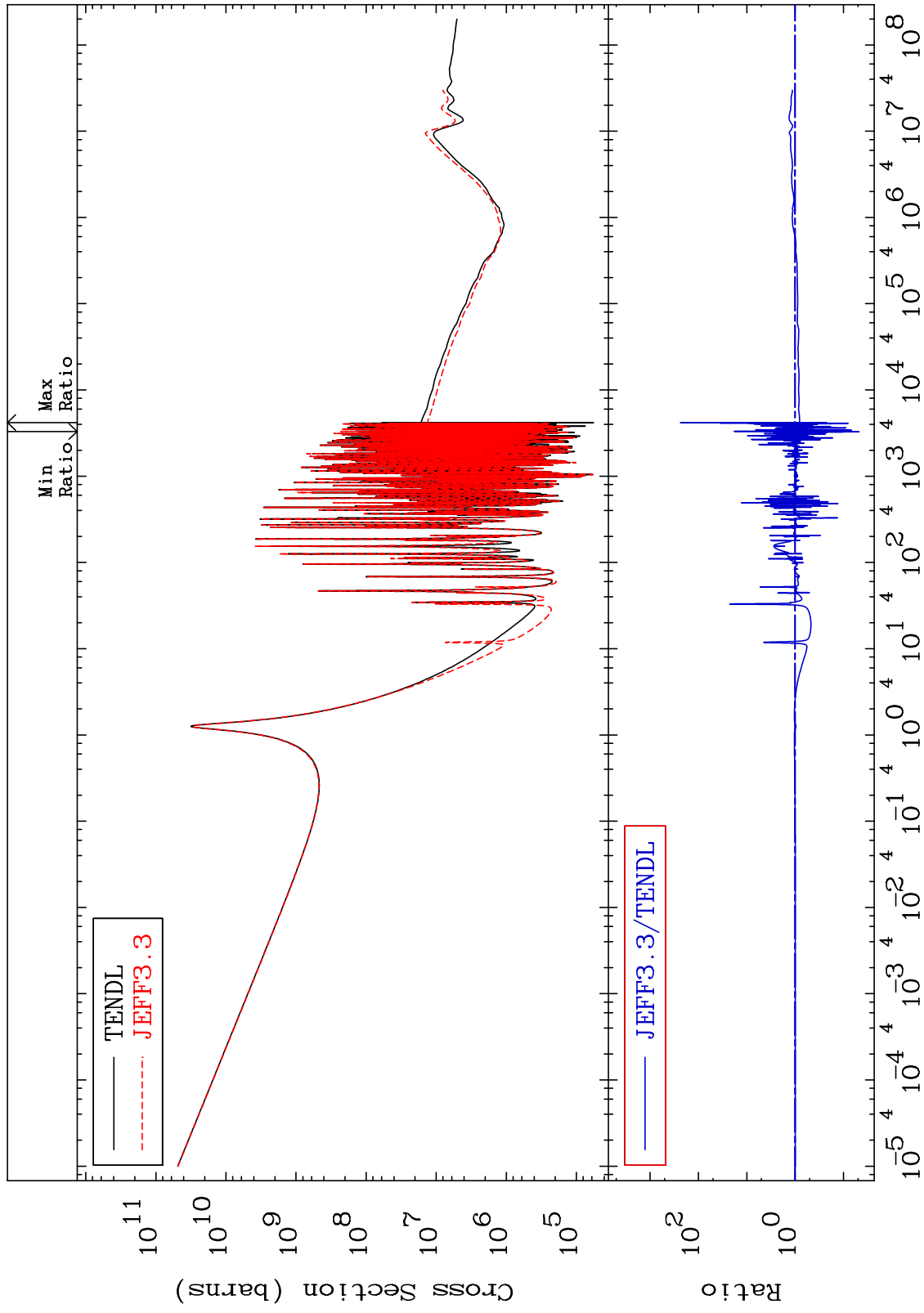
Incident Energy (eV)

45-Rh-103

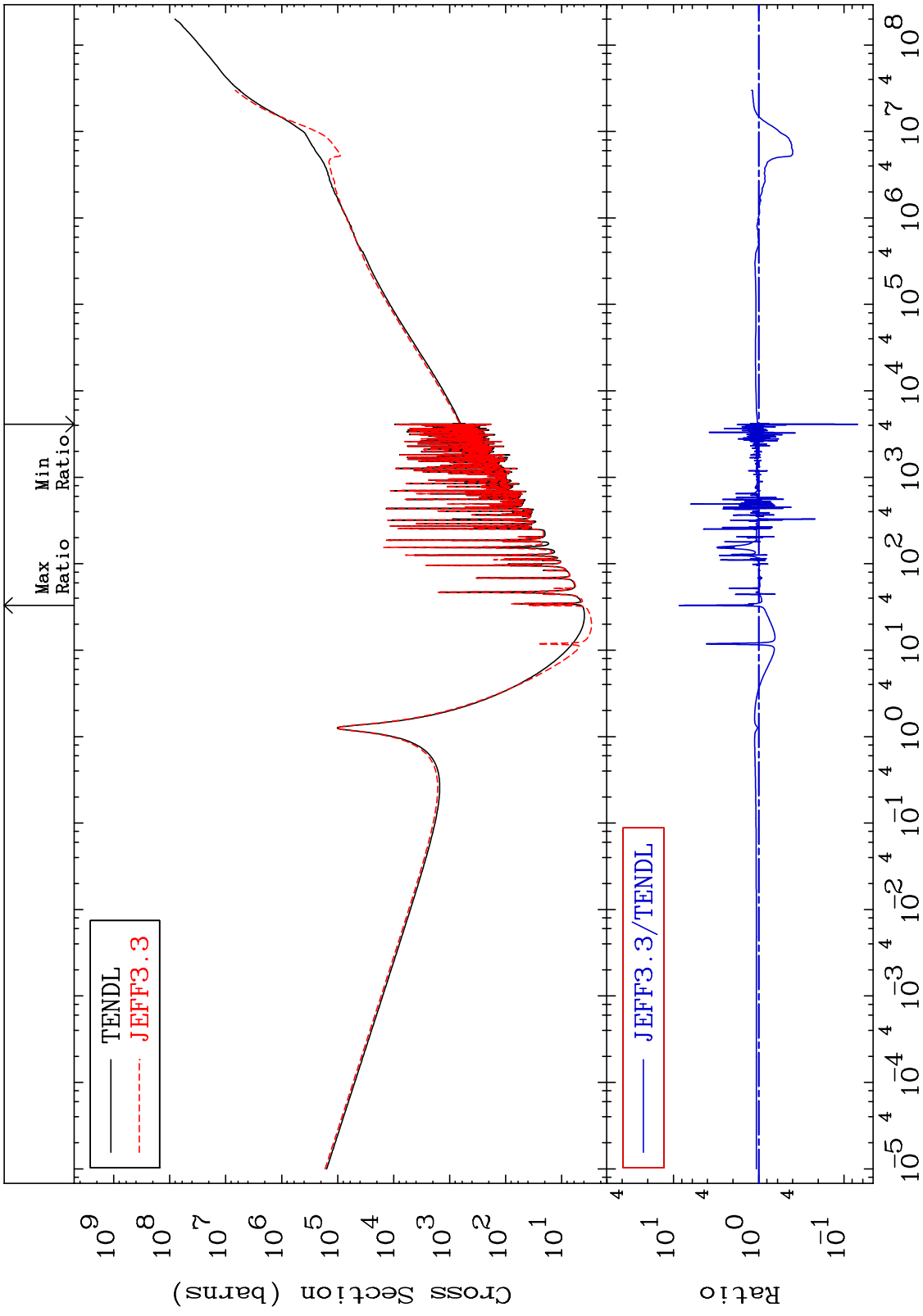
MAT 4525

Total photon (eV-barns)
Cross Section

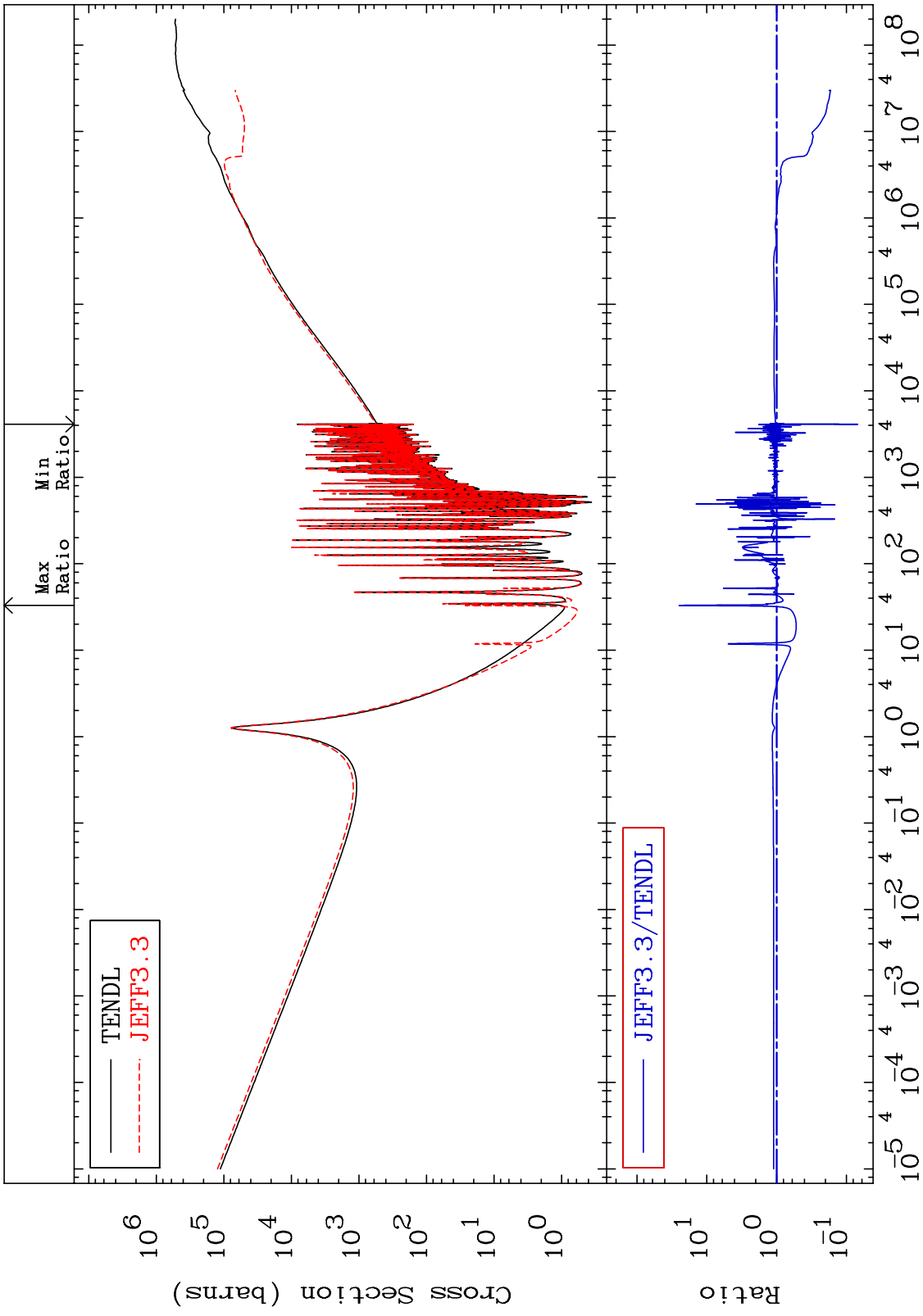
45-Rh-103
-95.22 To 9999. %



MAT 4525 Total kinematic kerma (high limit) 45-Rh-103
 Cross Section -93.13 To 759.8 %

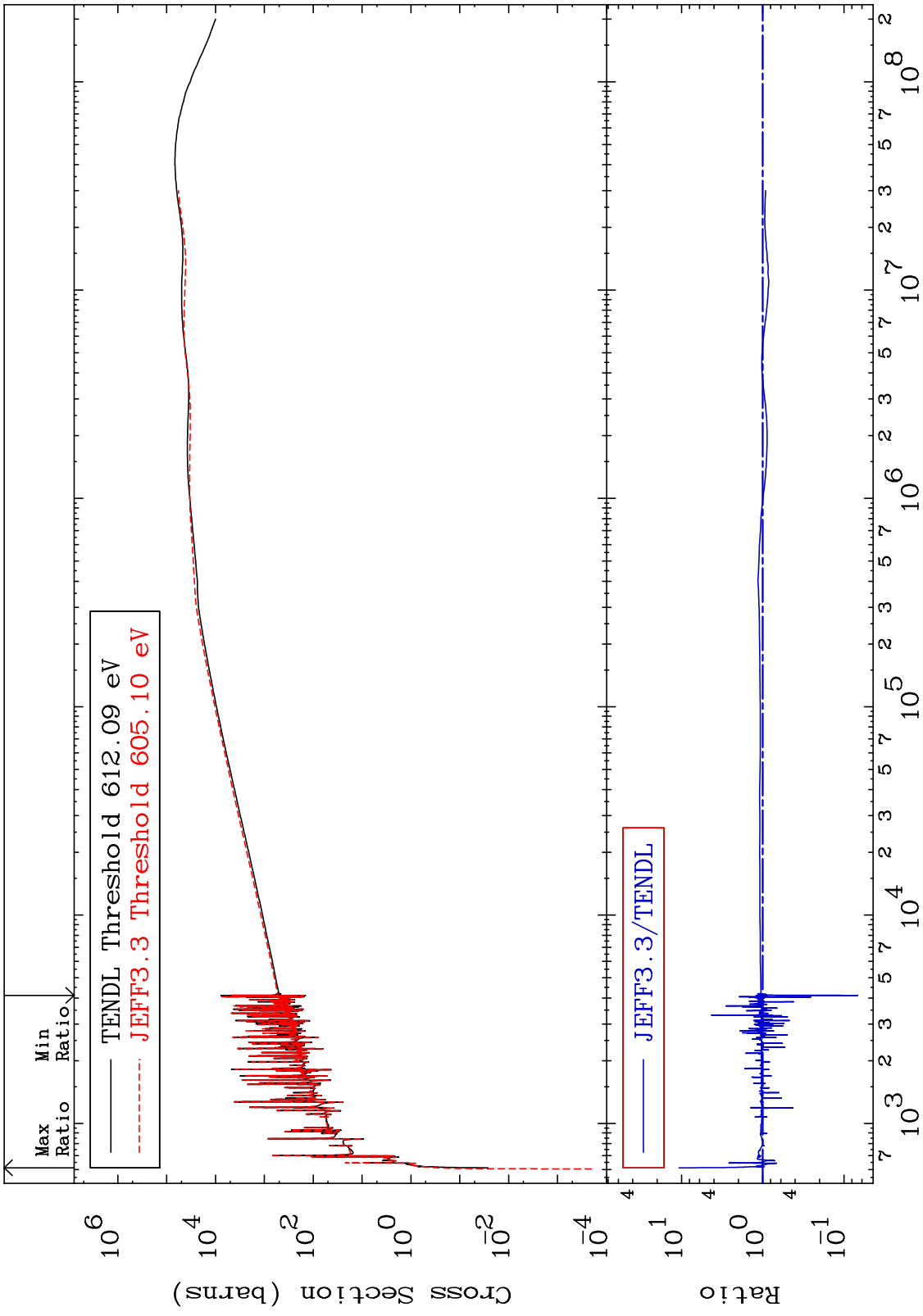


MAT 4525 Dpa total (eV-barns) 45-Rh-103
 Cross Section -93.13 To 2397. %

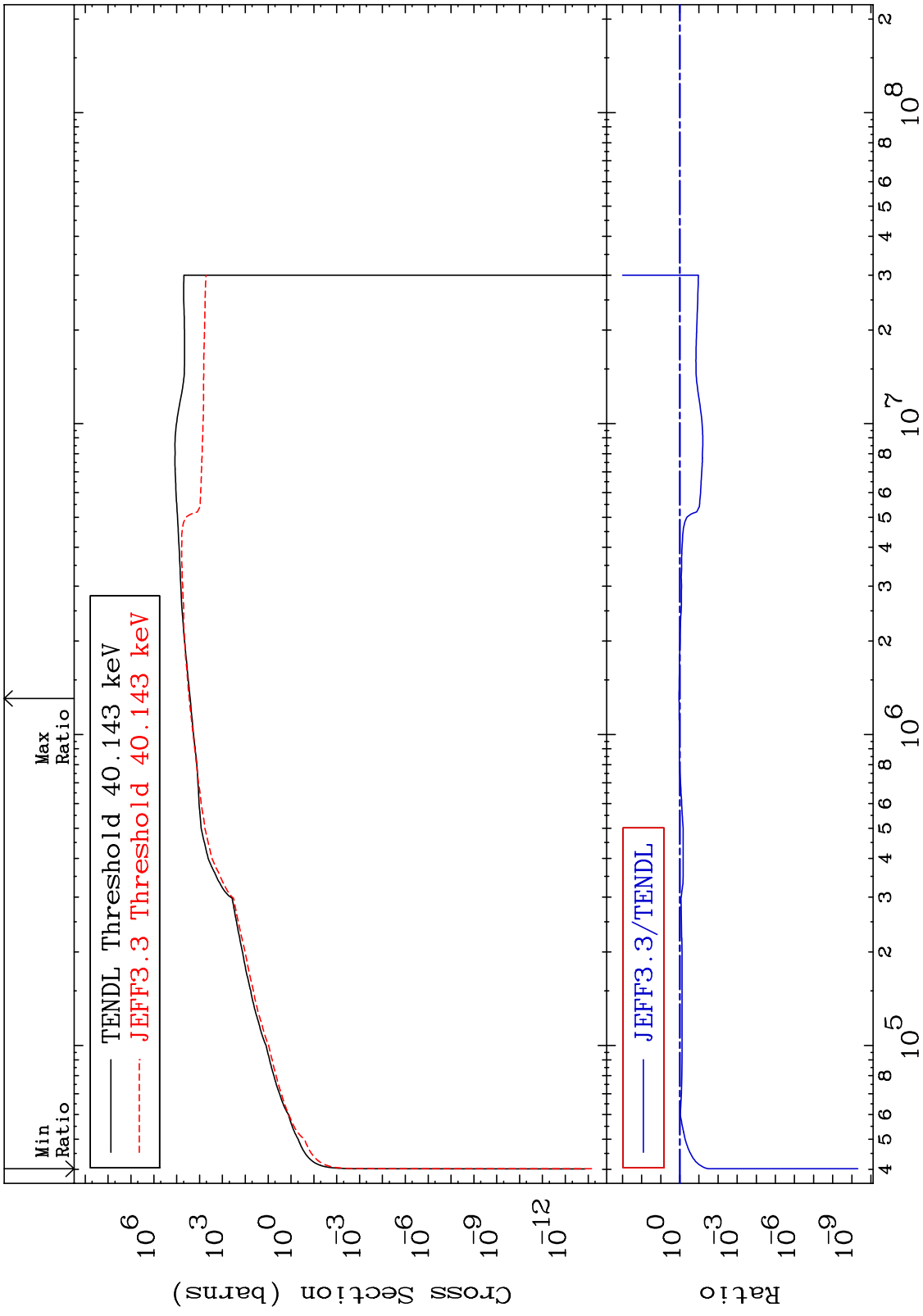


61 Incident Energy (eV) 45-Rh-103

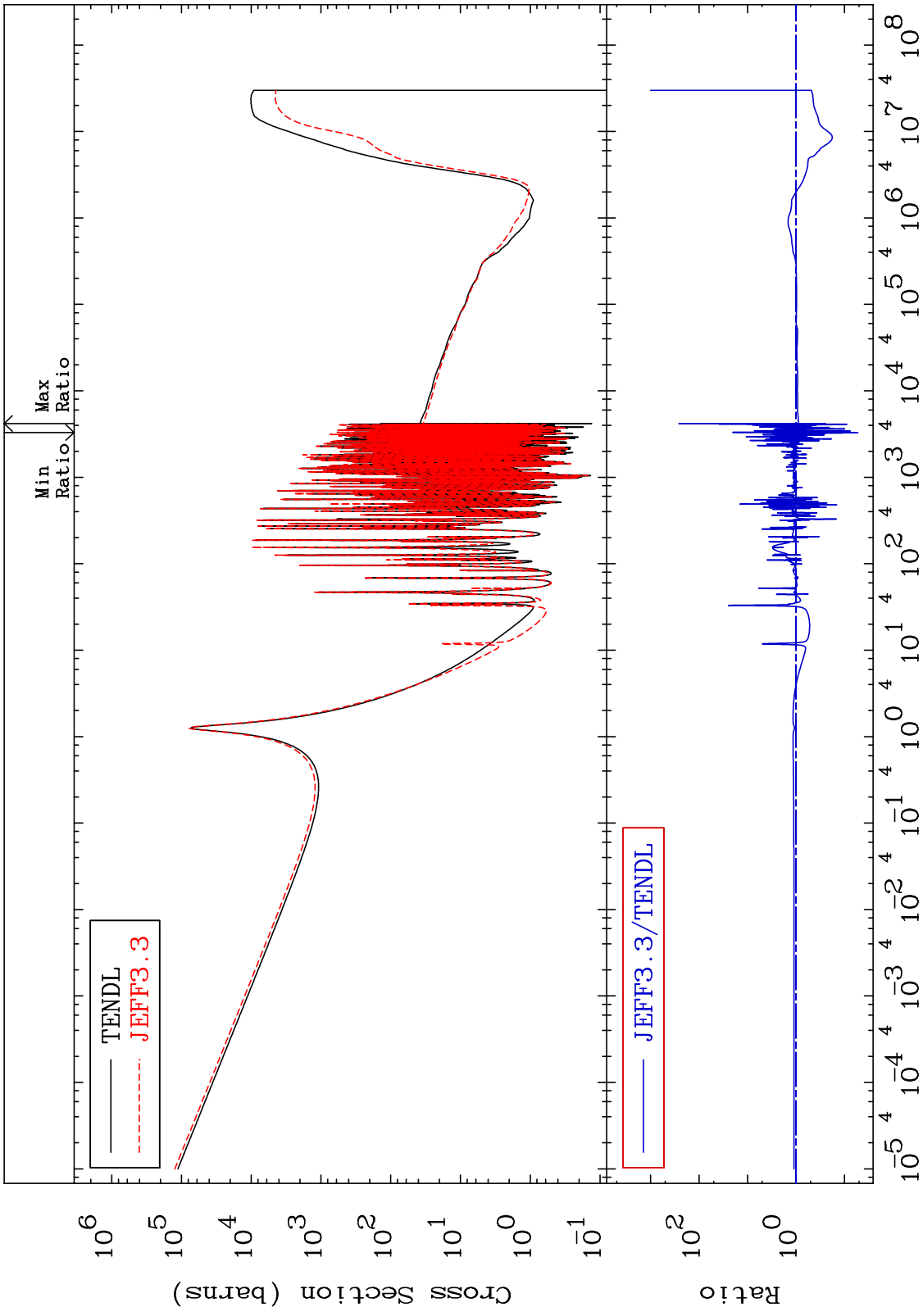
MAT 4525 45-Rh-103
Dpa elastic (mt2) -93.24 To 974.2 %
Cross Section



MAT 4525 Dpa inelastic (mt51-91) 45-Rh-103
 Cross Section -100.0 To 10.22 %



MAT 4525 Dpa disappearance (mt102 -120) 45-Rh-103
 Cross Section -94.70 To 9999. %



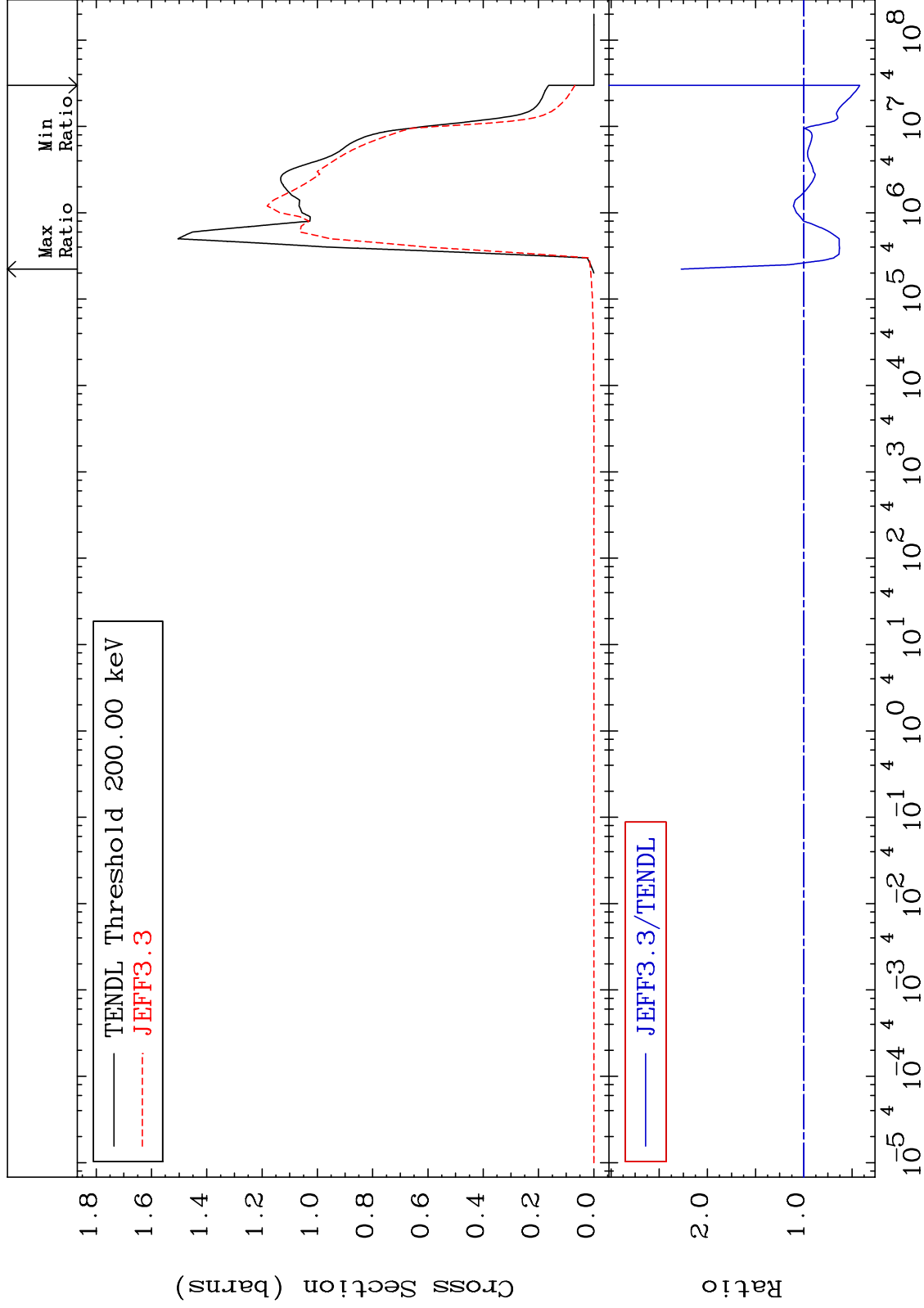
MAT 4525

Inelastic:45-Rh-103g

45-Rh-103

Radionuclide Production Cross Section

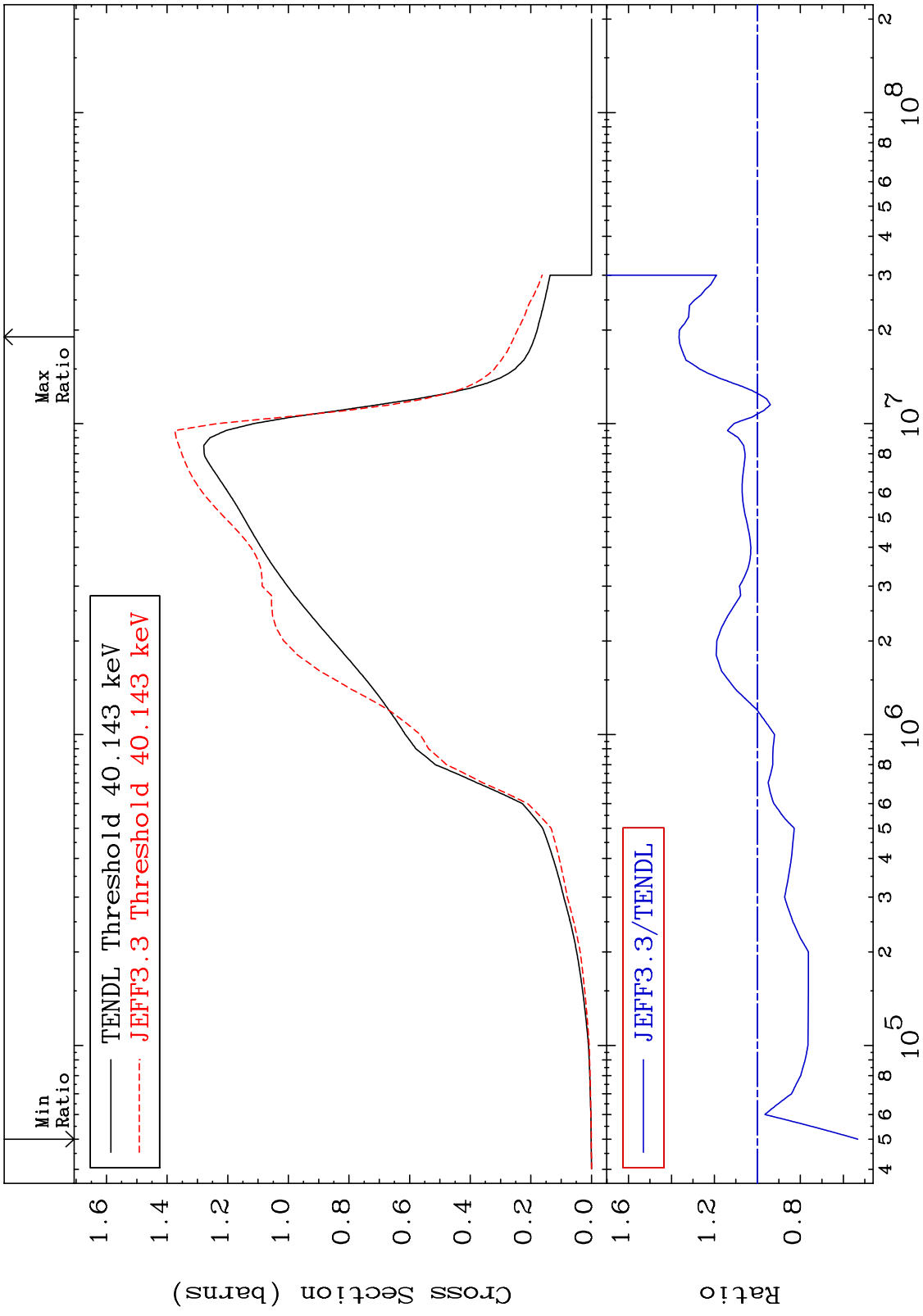
-58.07 To 127.2 %



65

45-Rh-103

MAT 4525 Inelastic: 45-Rh-103m1 45-Rh-103
 Radionuclide Production Cross Section -46.75 To 36.47 %

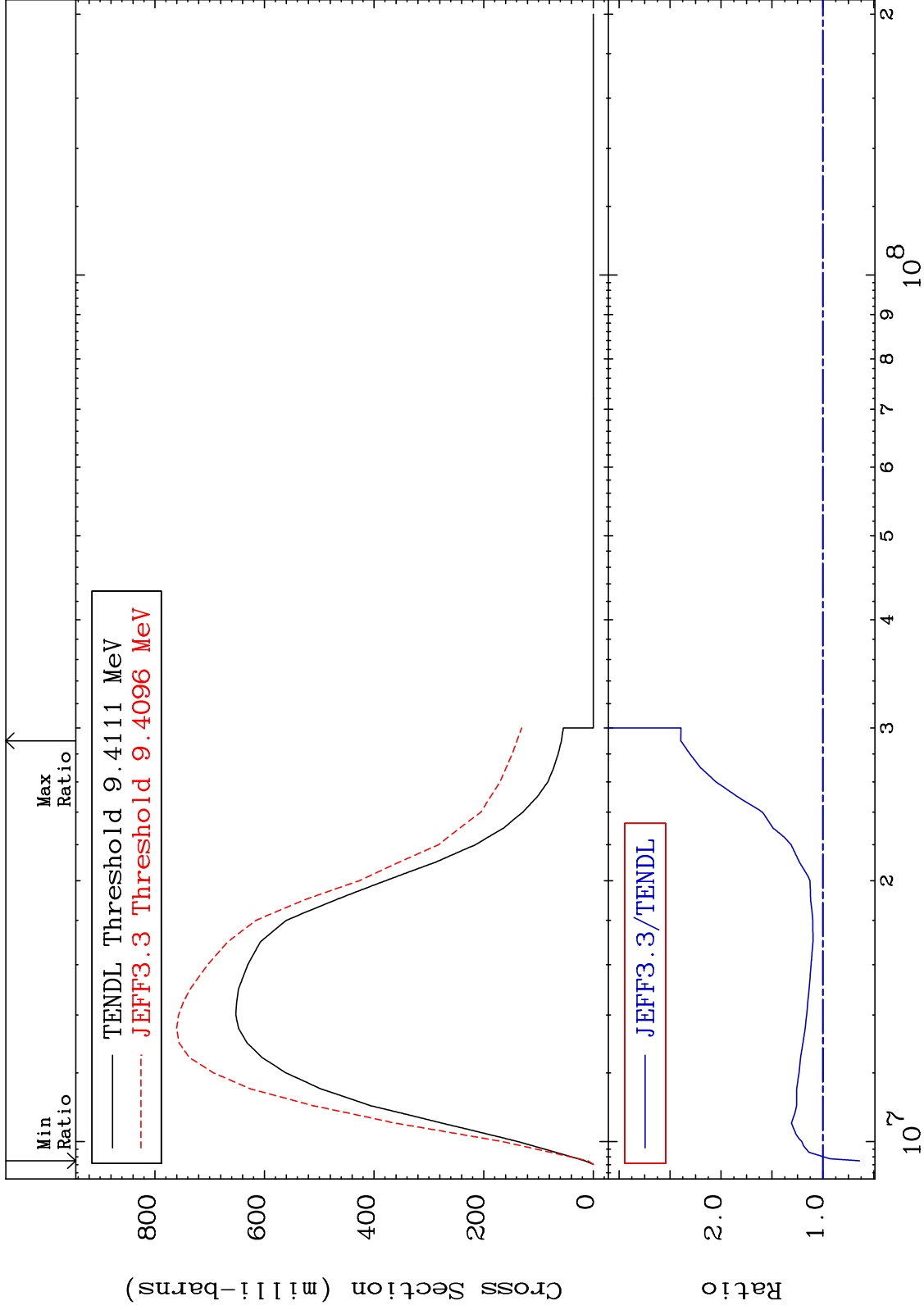


MAT 4525

(n,2n) : 45-Rh-102g

45-Rh-103

Radionuclide Production Cross Section -36.03 To 139.5 %

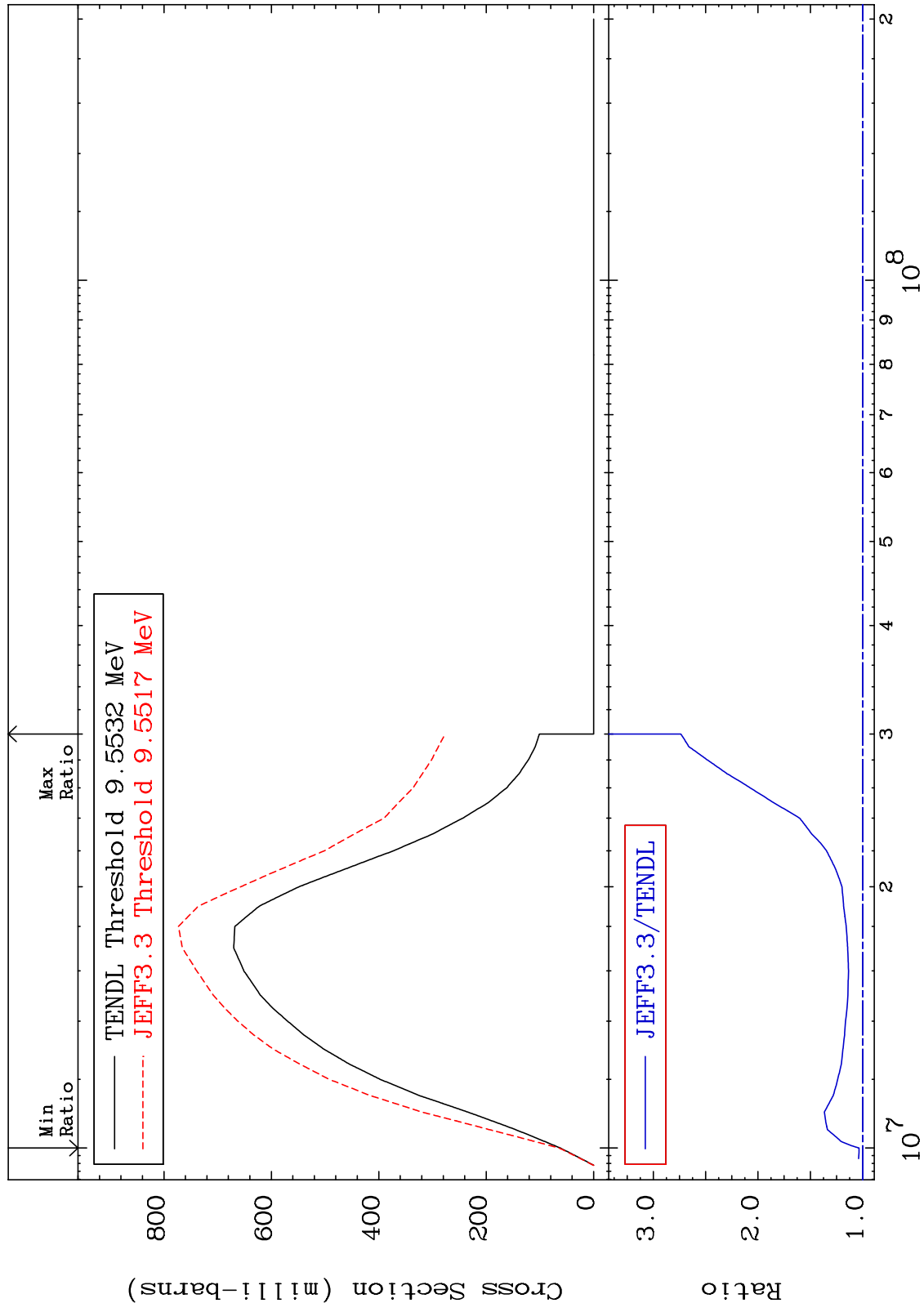


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Incident Energy (eV)

45-Rh-103

MAT 4525 (n,2n) : 45-Rh-102m5 45-Rh-103
Radionuclide Production Cross Section 3.403 To 173.8 %

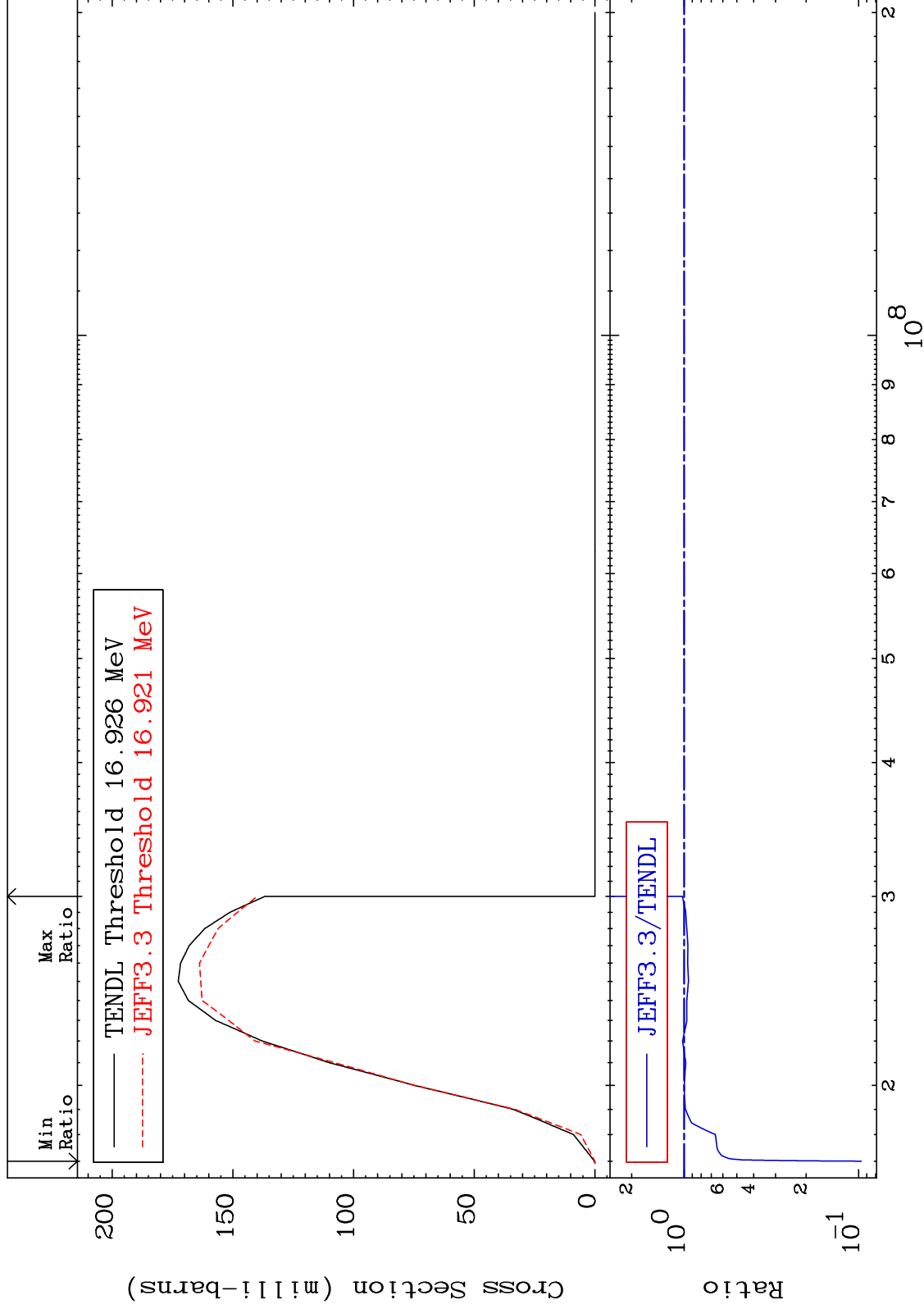


MAT 4525

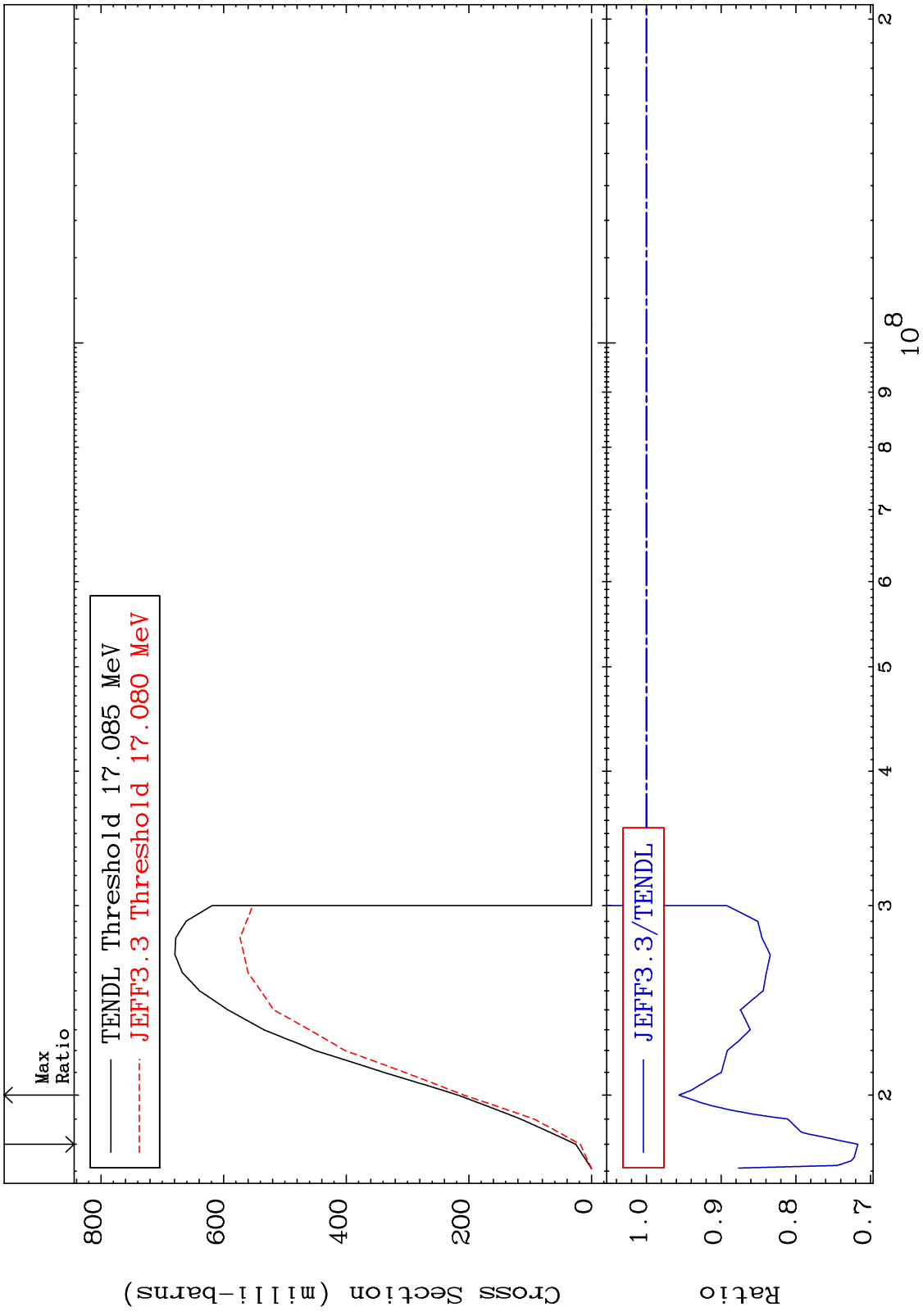
(n, 3n) : 45-Rh-101g

45-Rh-103

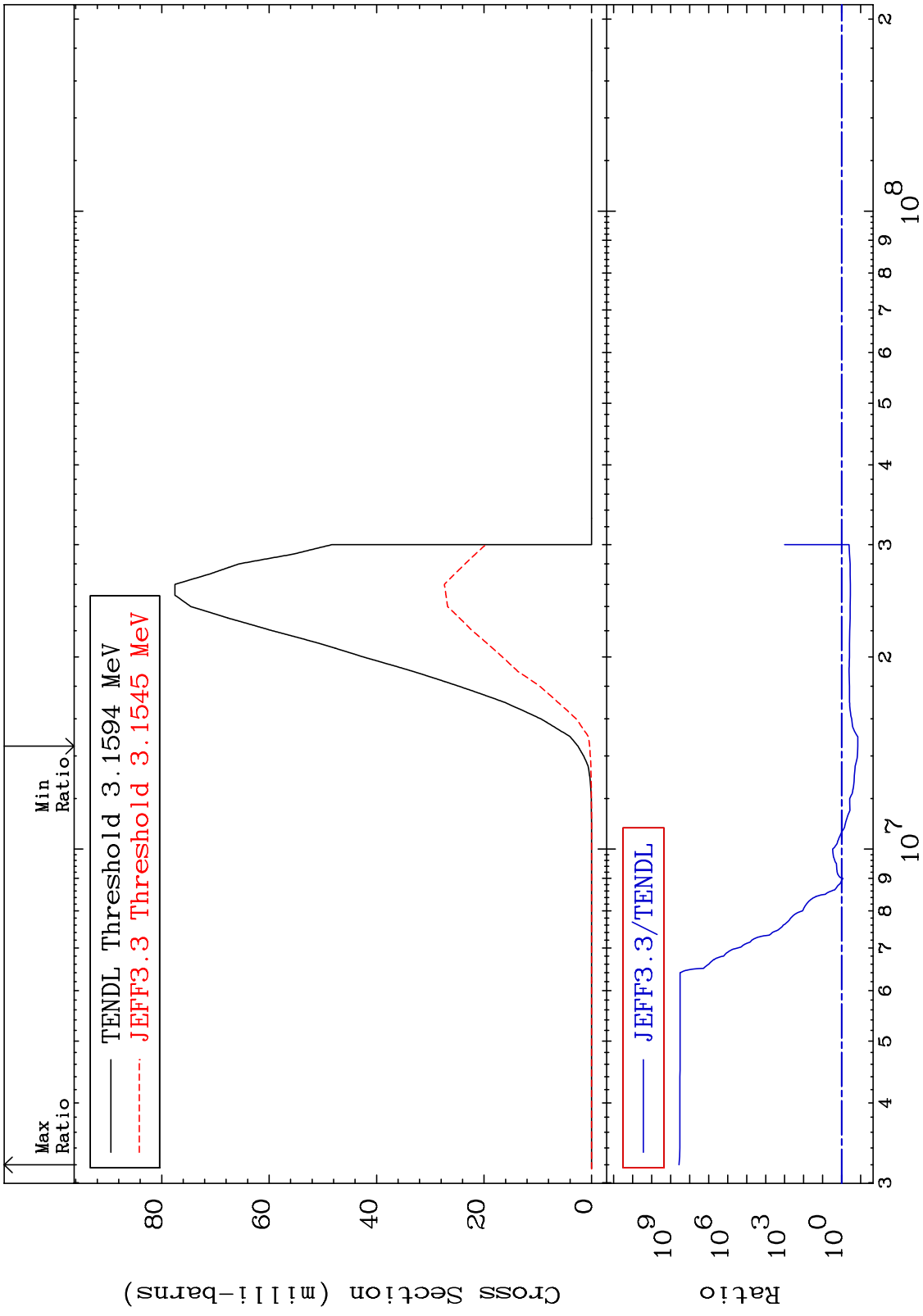
Radionuclide Production Cross Section -90.33 To 2.324 %



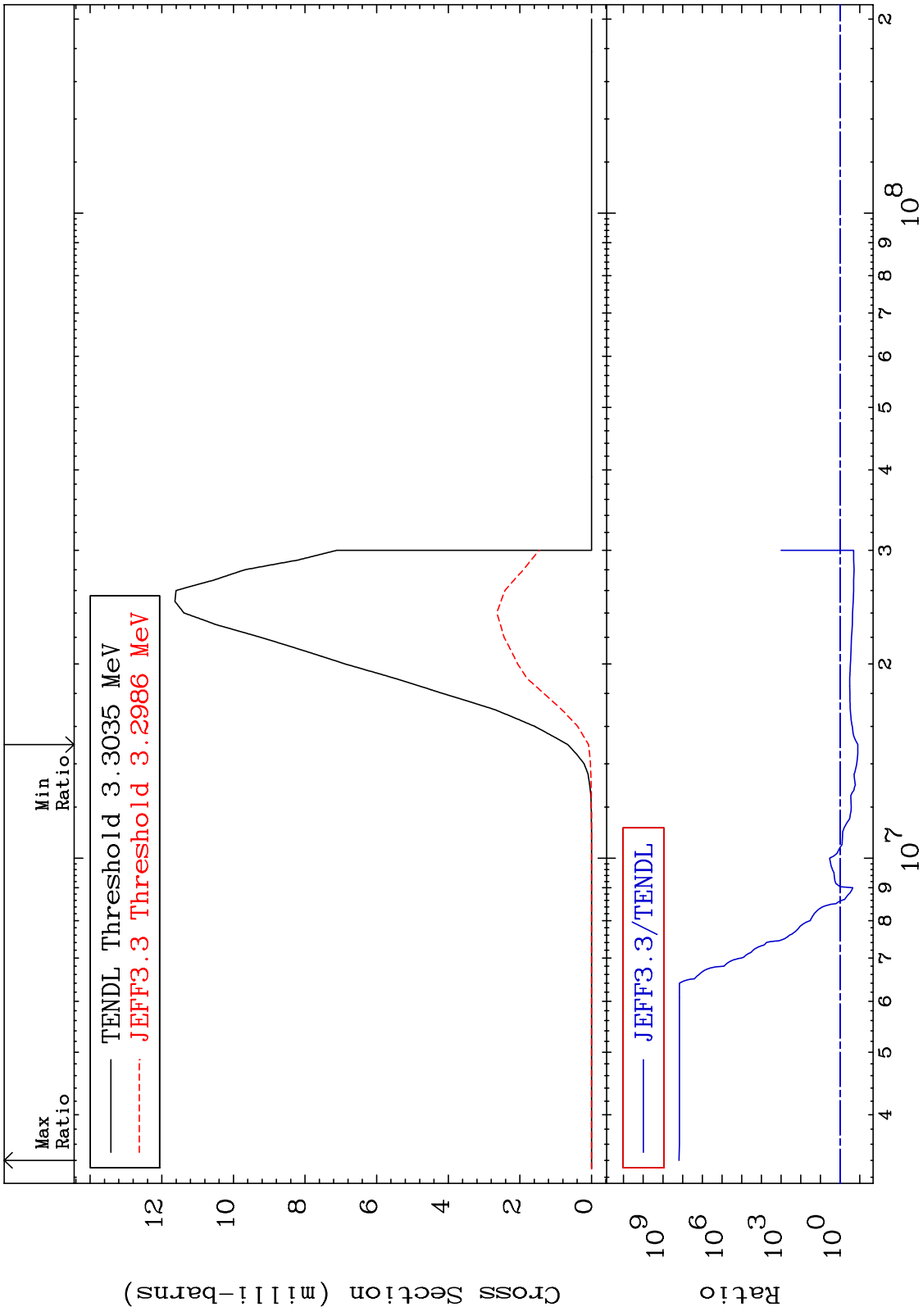
MAT 4525 (n,3n) : 45-Rh-101m1 45-Rh-103
 Radionuclide Production Cross Section -28.30 To -4.371%

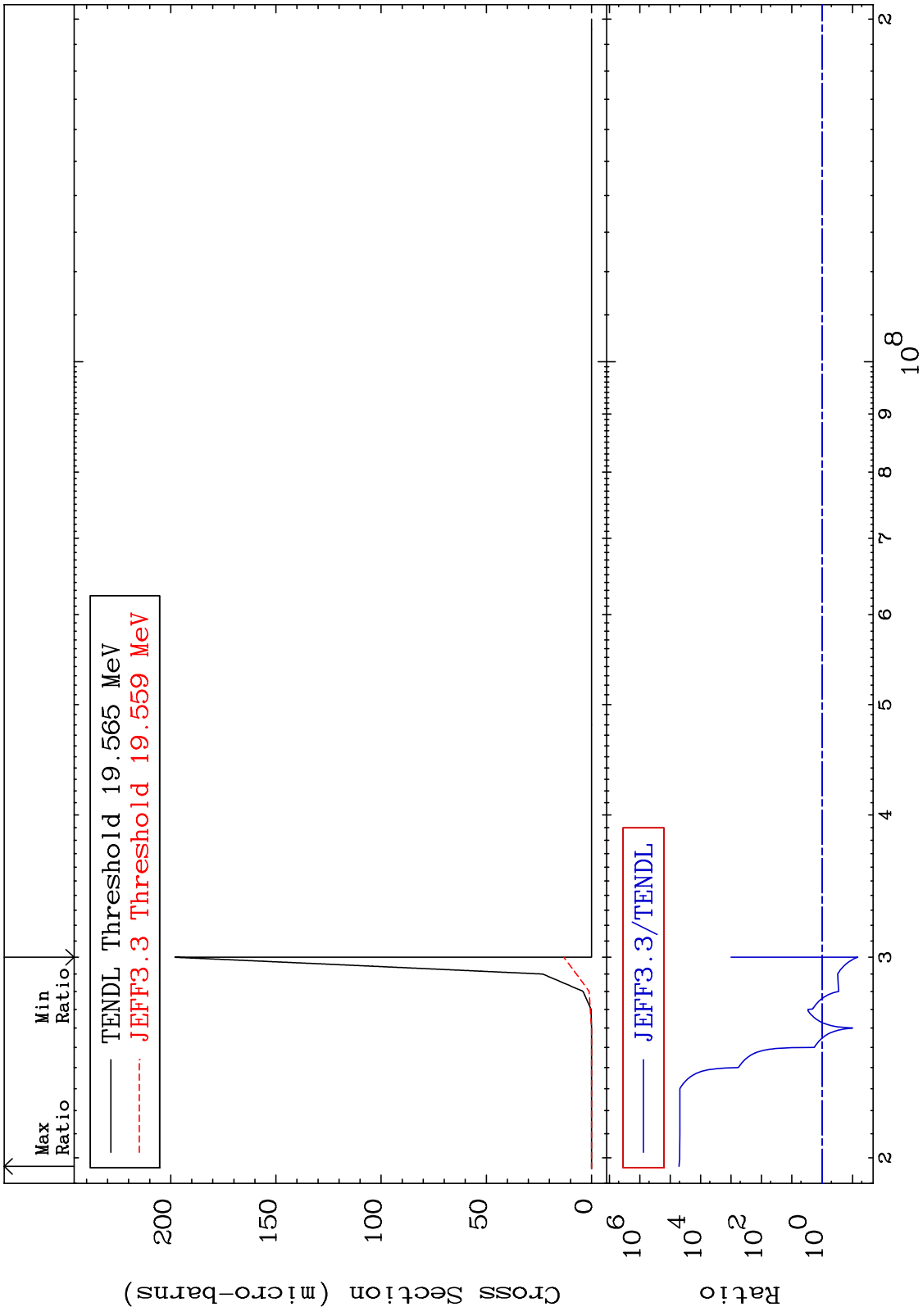


MAT 4525 (n, n') α : 43-Tc-99g 45-Rh-103
 Radionuclide Production Cross Section -85.90 To 9999. %



MAT 4525 (n, n') α : 43-Tc-99m2 45-Rh-103
 Radionuclide Production Cross Section -87.35 To 9999. %



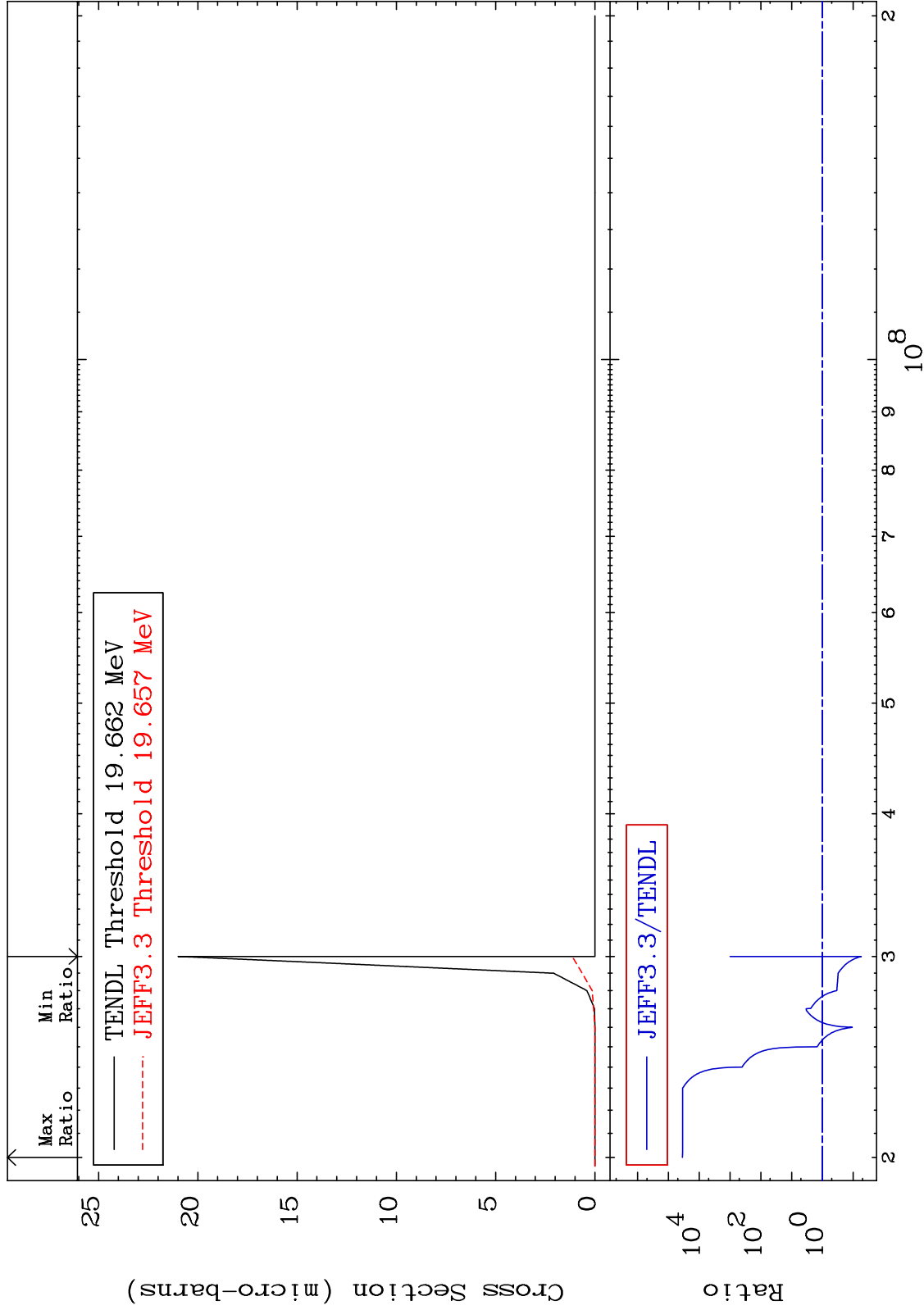


MAT 4525

(n,3n) α :43-Tc-97m1

45-Rh-103

Radionuclide Production Cross Section -94.54 To 9999. %

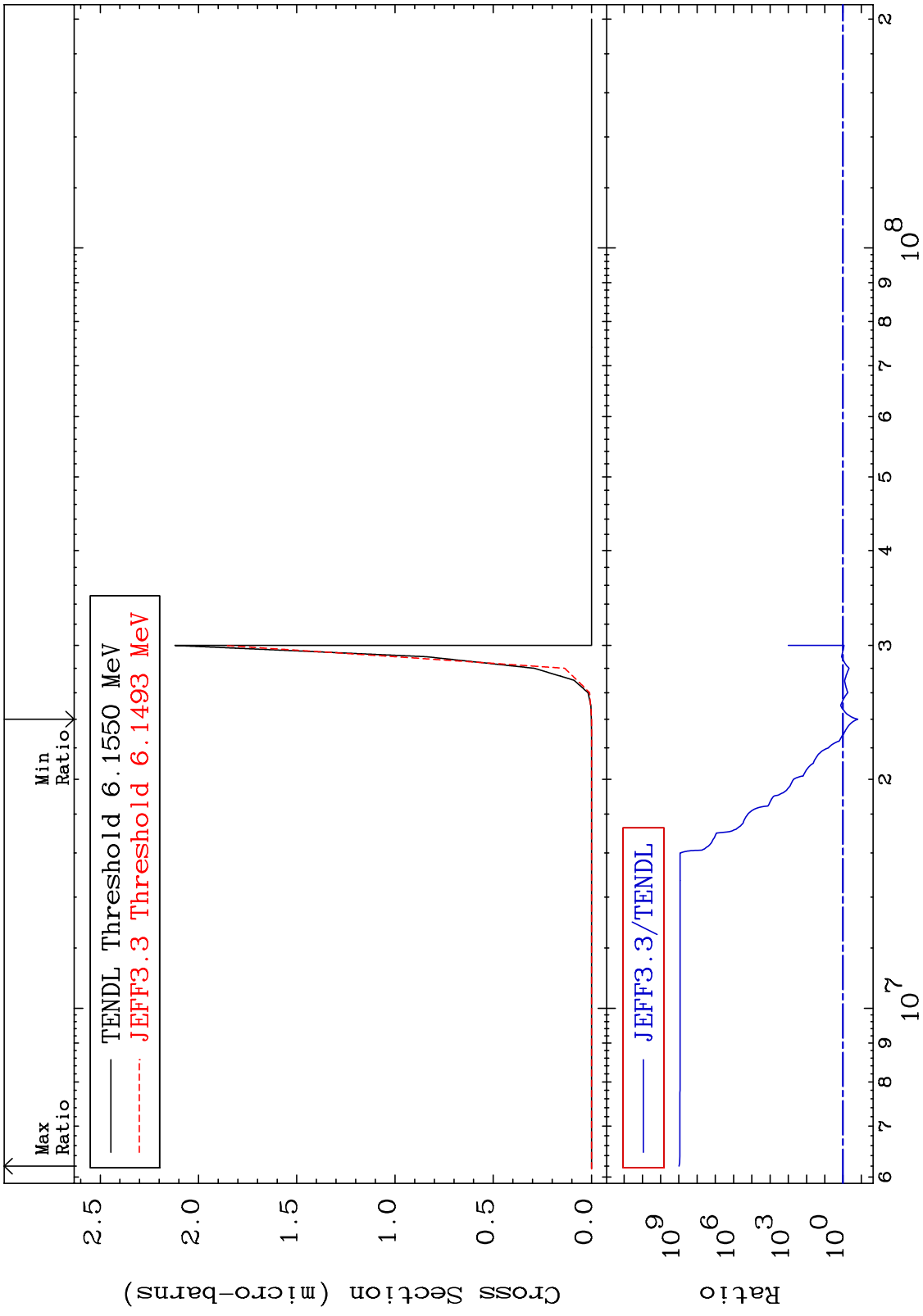


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Incident Energy (eV)

45-Rh-103

MAT 4525 (n, n') 2α:41-Nb-95g 45-Rh-103
 Radionuclide Production Cross Section -84.60 To 9999. %

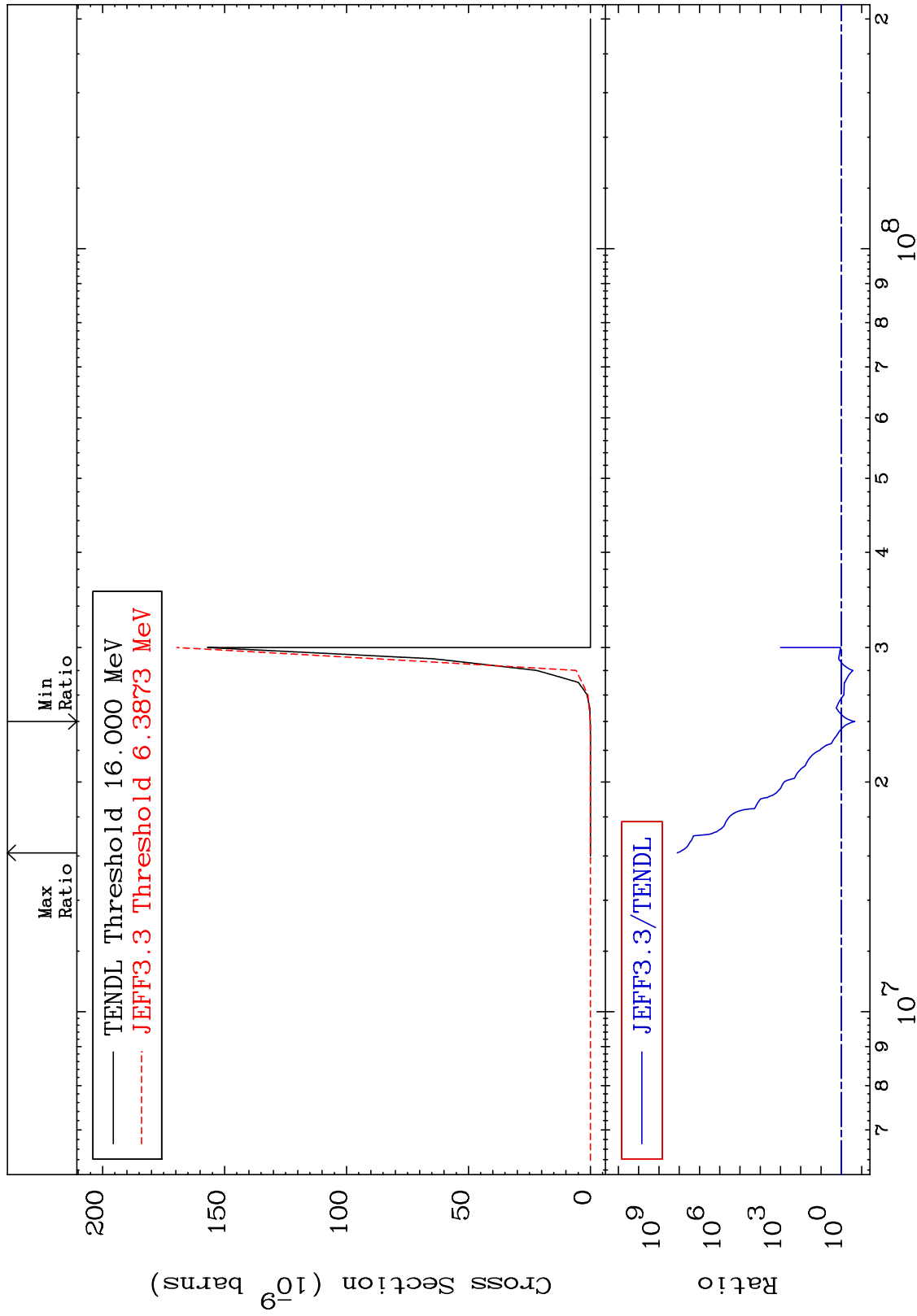


MAT 4525

(n, n') 2α:41-Nb-95m1

45-Rh-103

Radionuclide Production Cross Section -78.27 To 9999. %



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Incident Energy (eV)

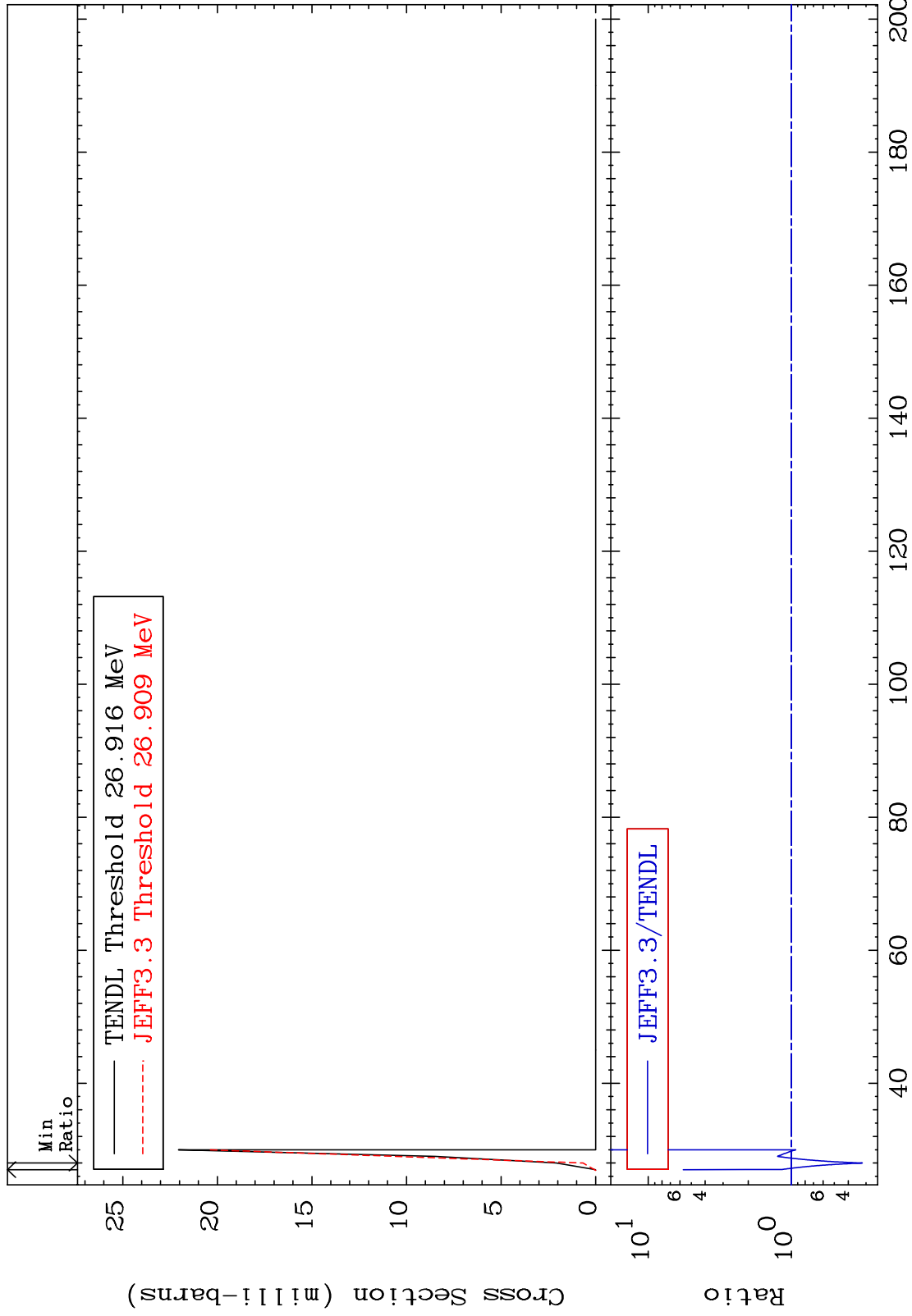
45-Rh-103

MAT 4525

(n, 4n) : 45-Rh-100g

45-Rh-103

Radionuclide Production Cross Section -68.13 To 468.3 %

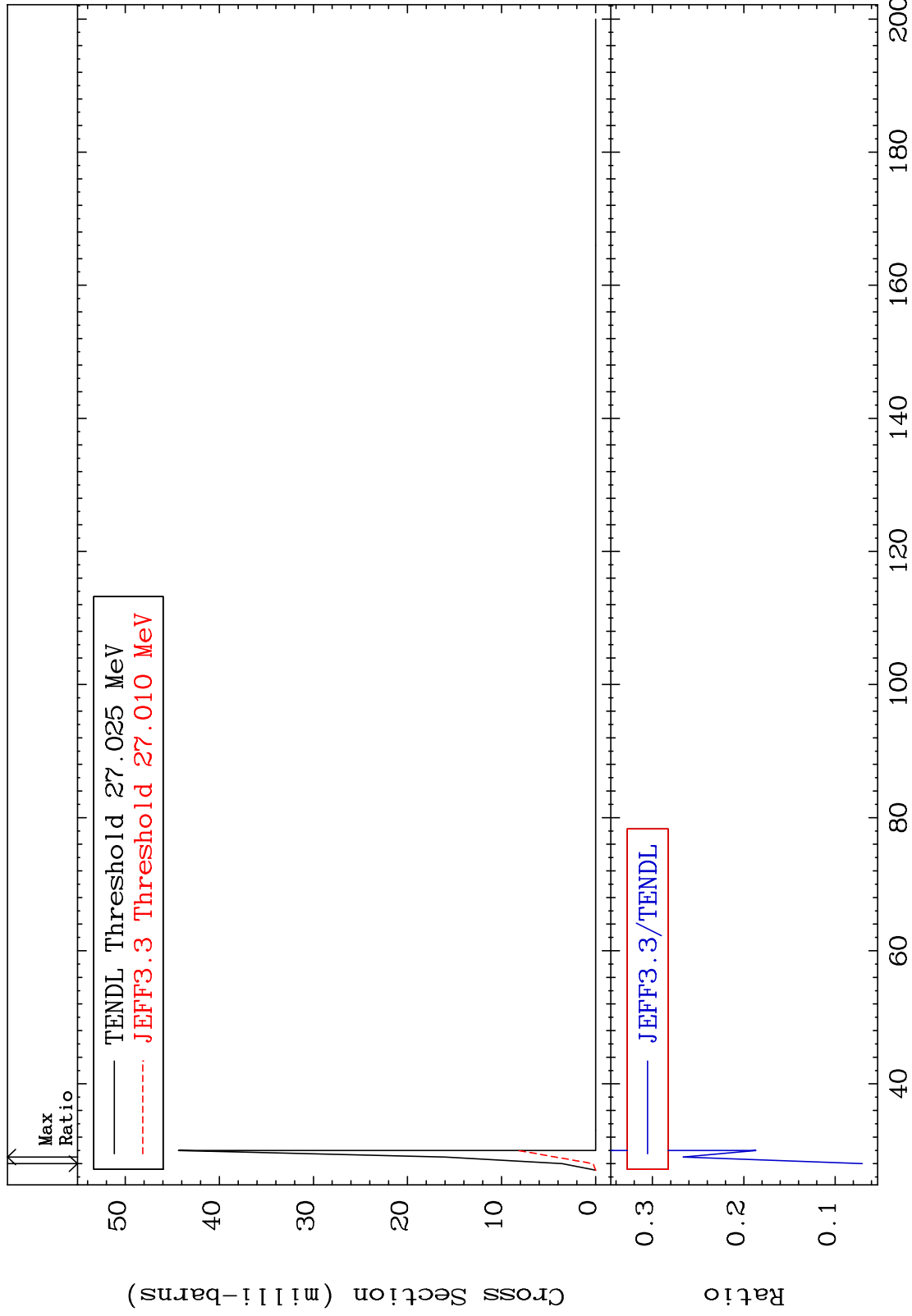


MAT 4525

(n, 4n) : 45-Rh-100m4

45-Rh-103

Radionuclide Production Cross Section -92.99 To -73.38%



78

Incident Energy (MeV)

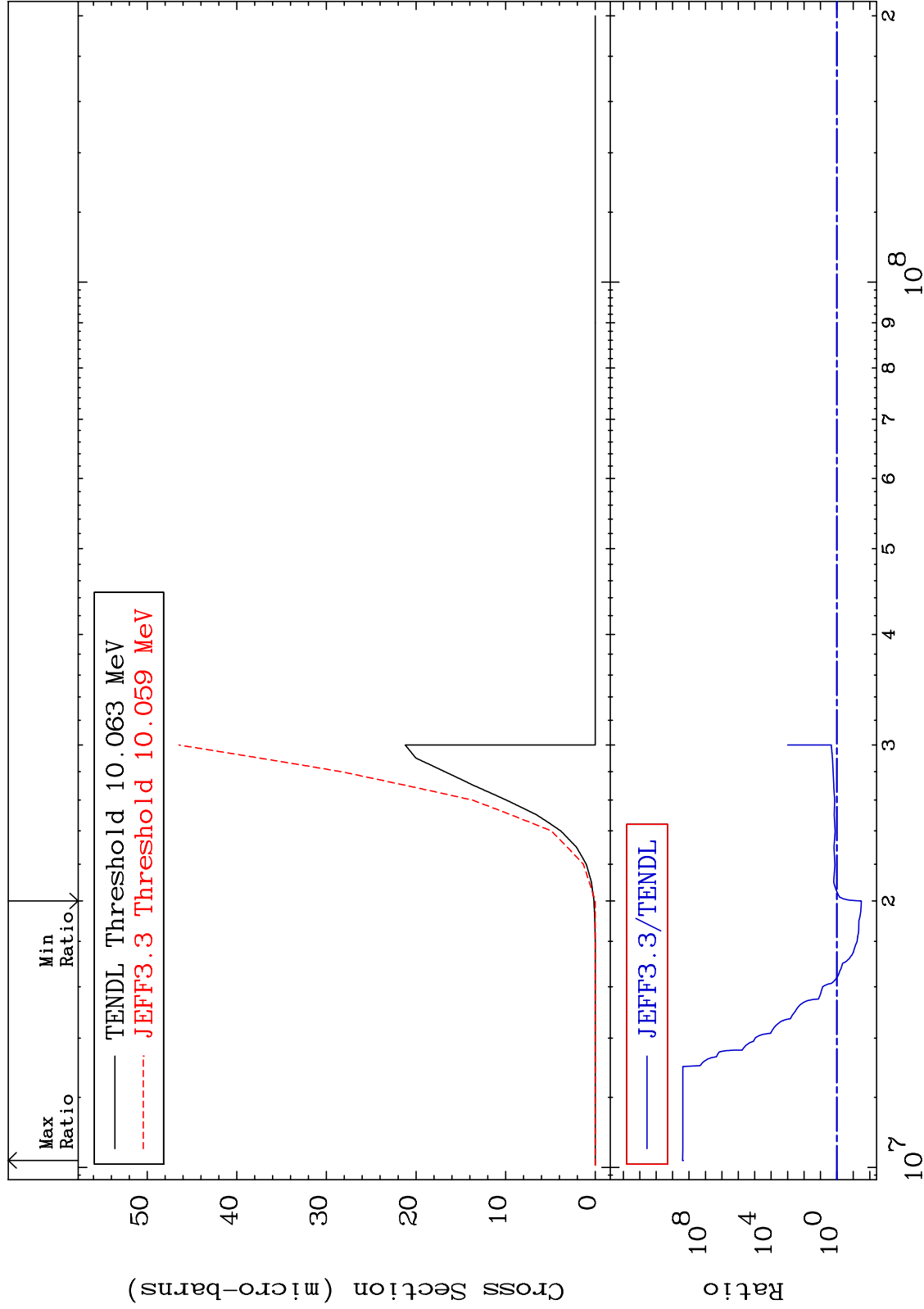
45-Rh-103

MAT 4525

(n,2p):43-Tc-102g

45-Rh-103

Radionuclide Production Cross Section -96.75 To 9999. %



79

Incident Energy (eV)

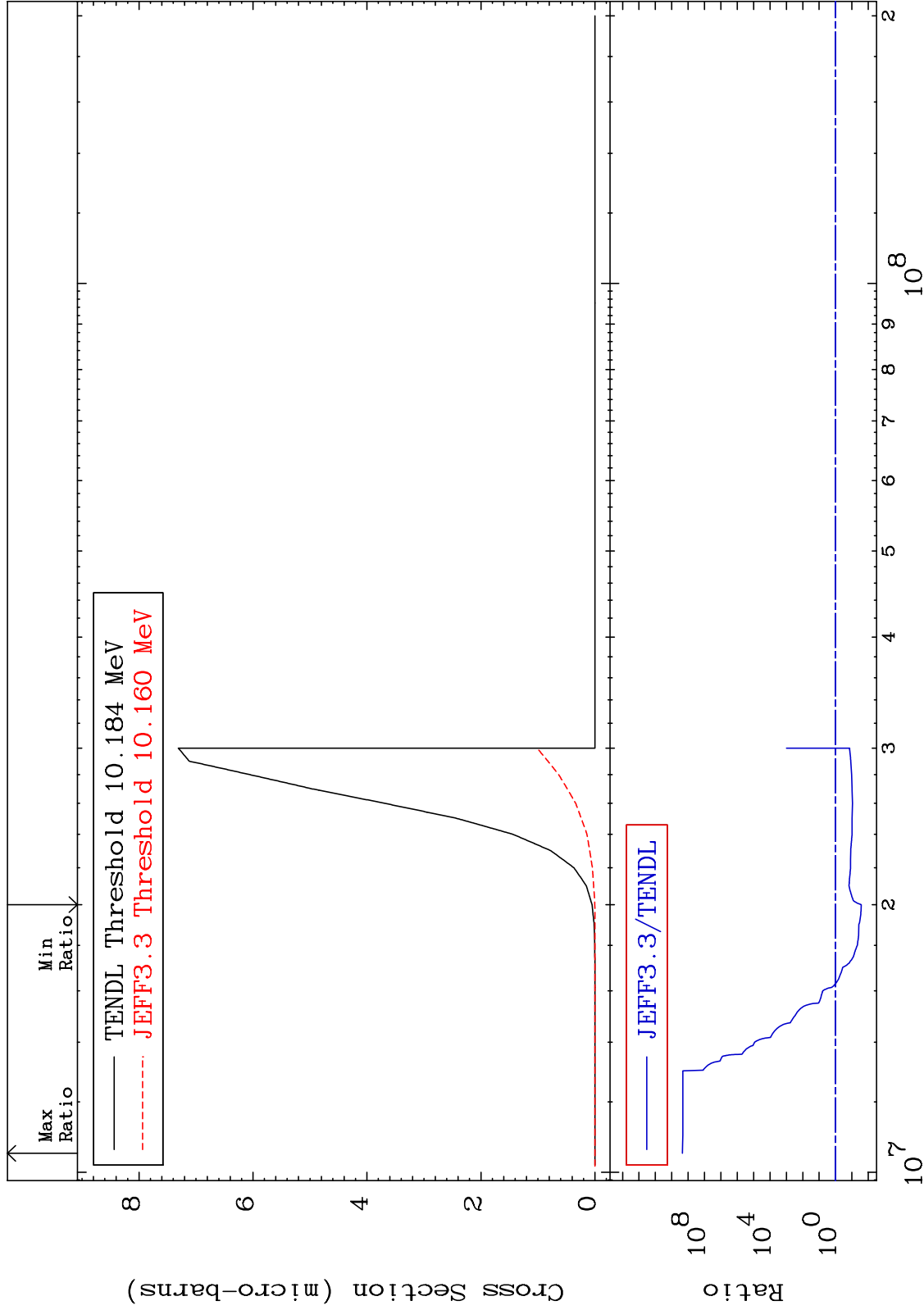
45-Rh-103

MAT 4525

(n,2p) : 43-Tc-102m3

45-Rh-103

Radionuclide Production Cross Section -97.33 To 9999. %



80

Incident Energy (eV)

45-Rh-103