

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

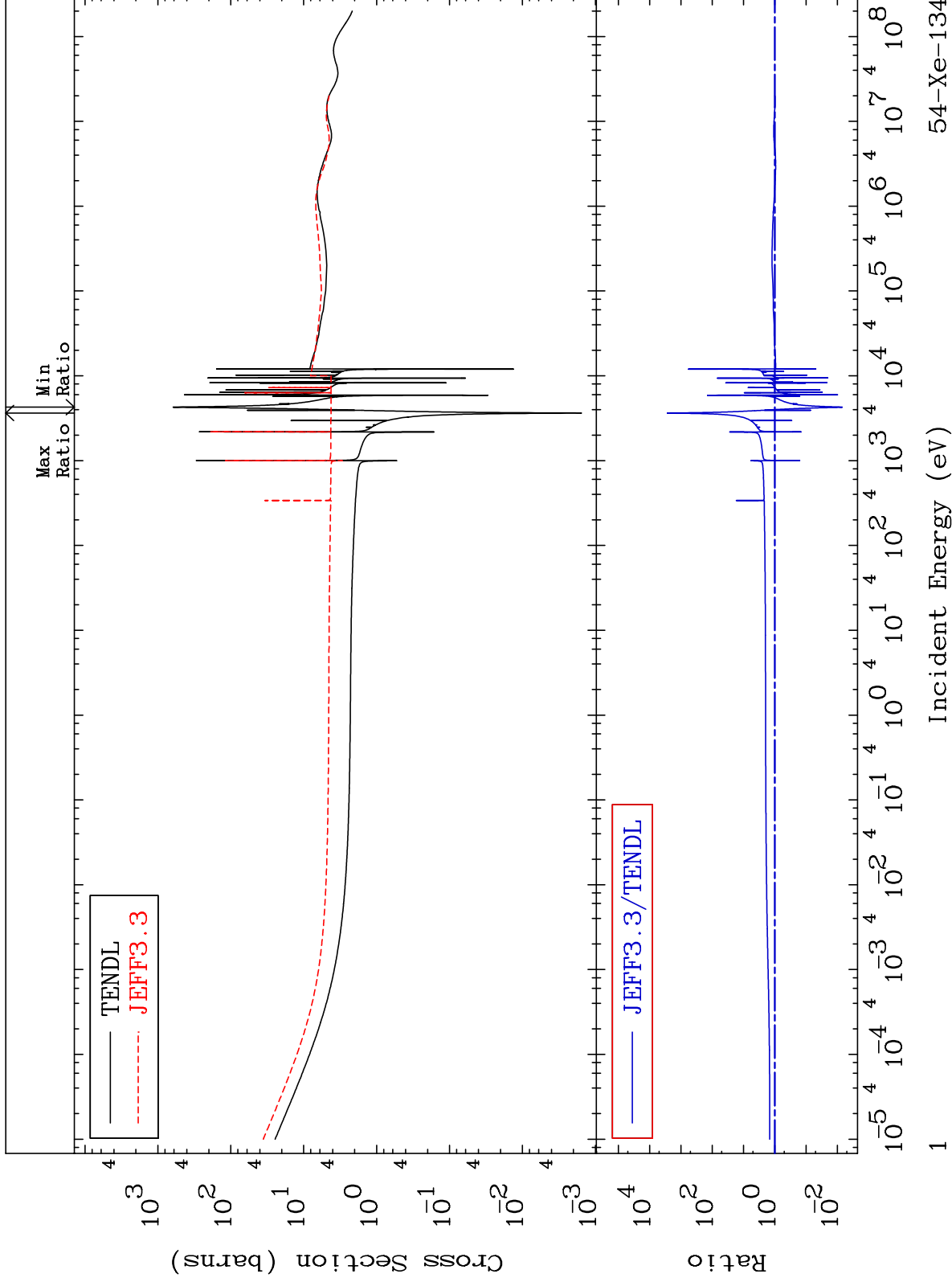
MAT 5455

Total

54-Xe-134

Cross Section

-99.32 To 9999. %



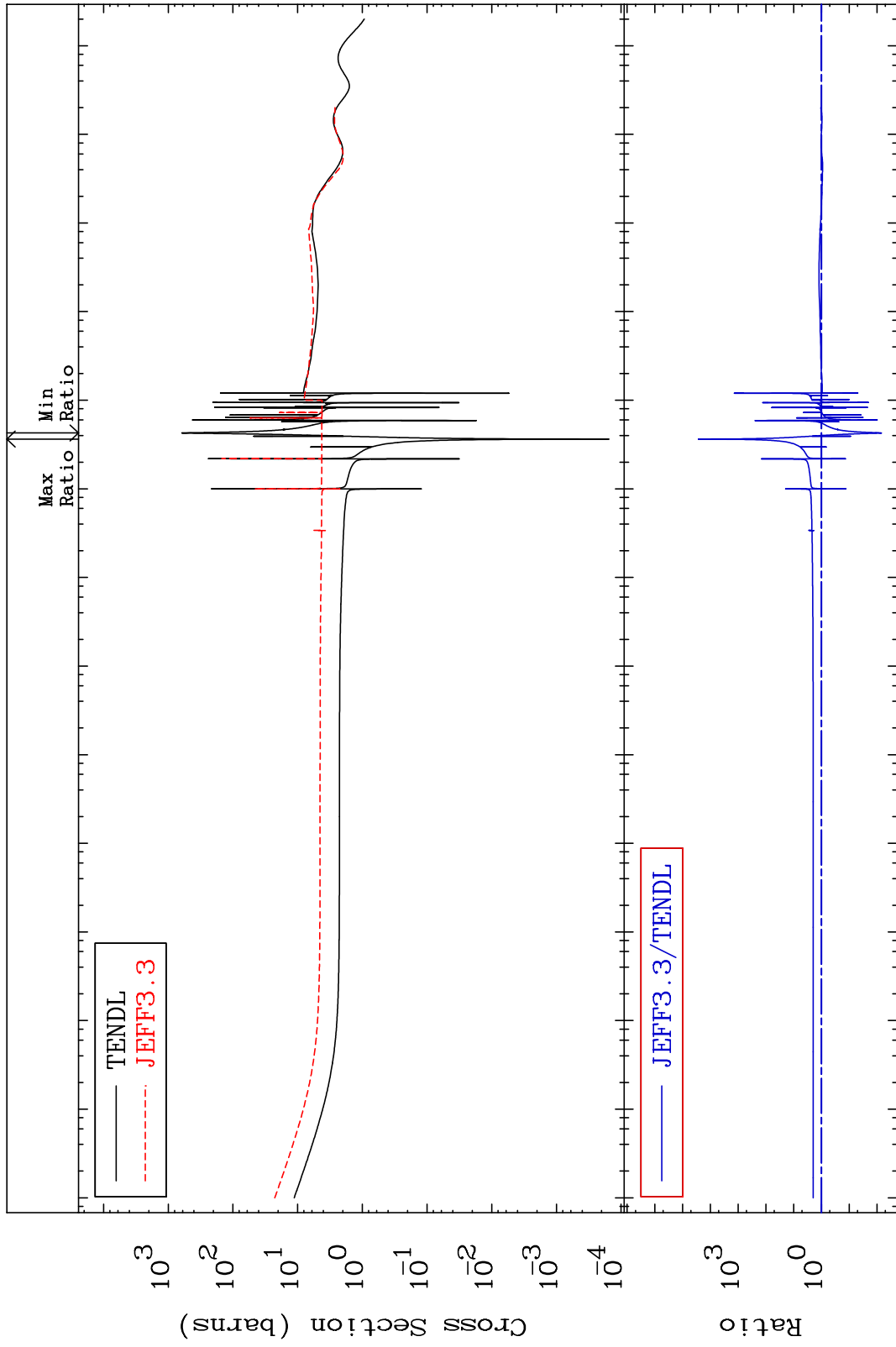
MAT 5455

Elastic

54-Xe-134

Cross Section

-99.32 To 9999. %



Incident Energy (eV)

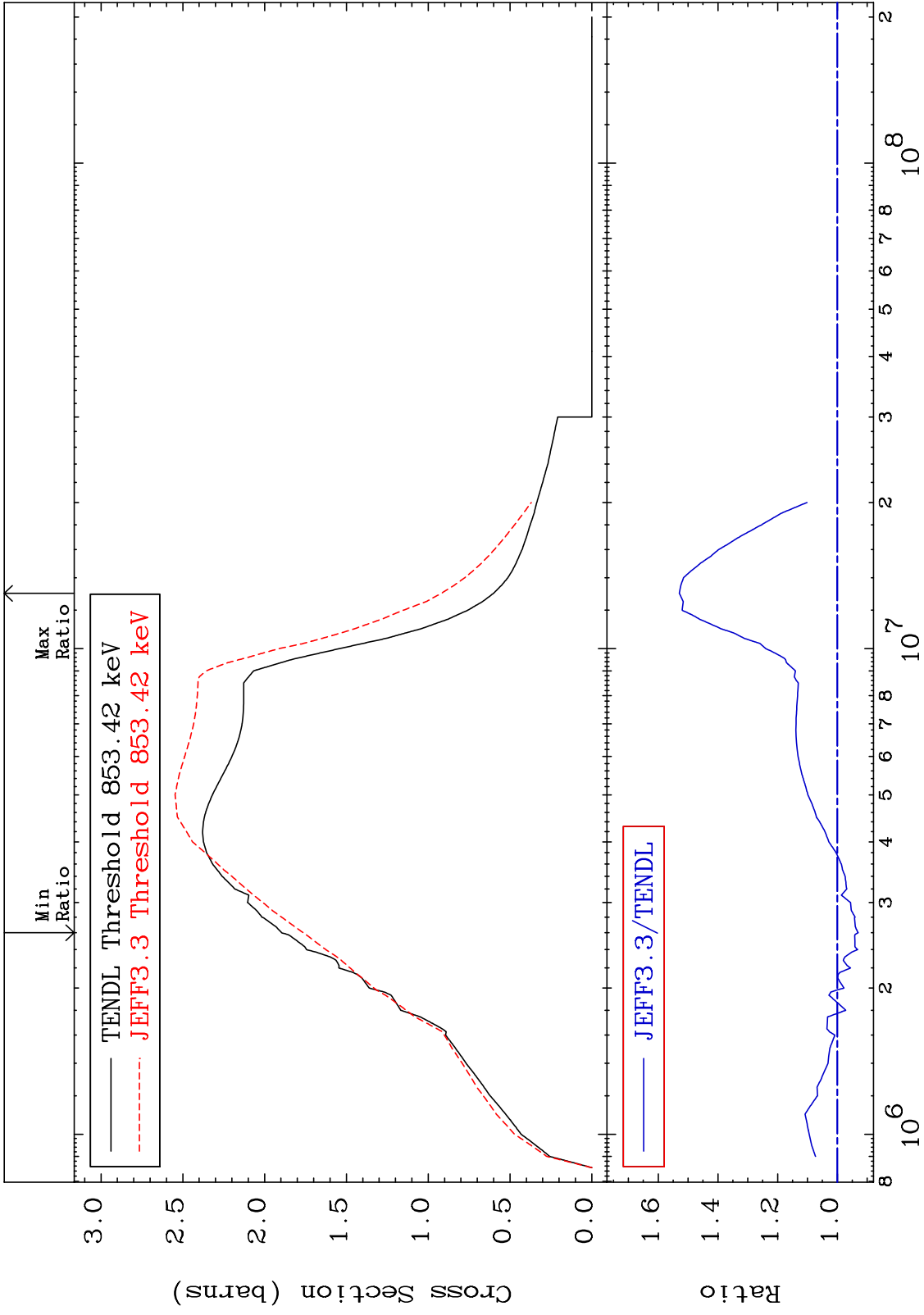
54-Xe-134

MAT 5455

Inelastic
Cross Section

54-Xe-134

-7.013 To 52.92 %



Incident Energy (eV)

54-Xe-134

3

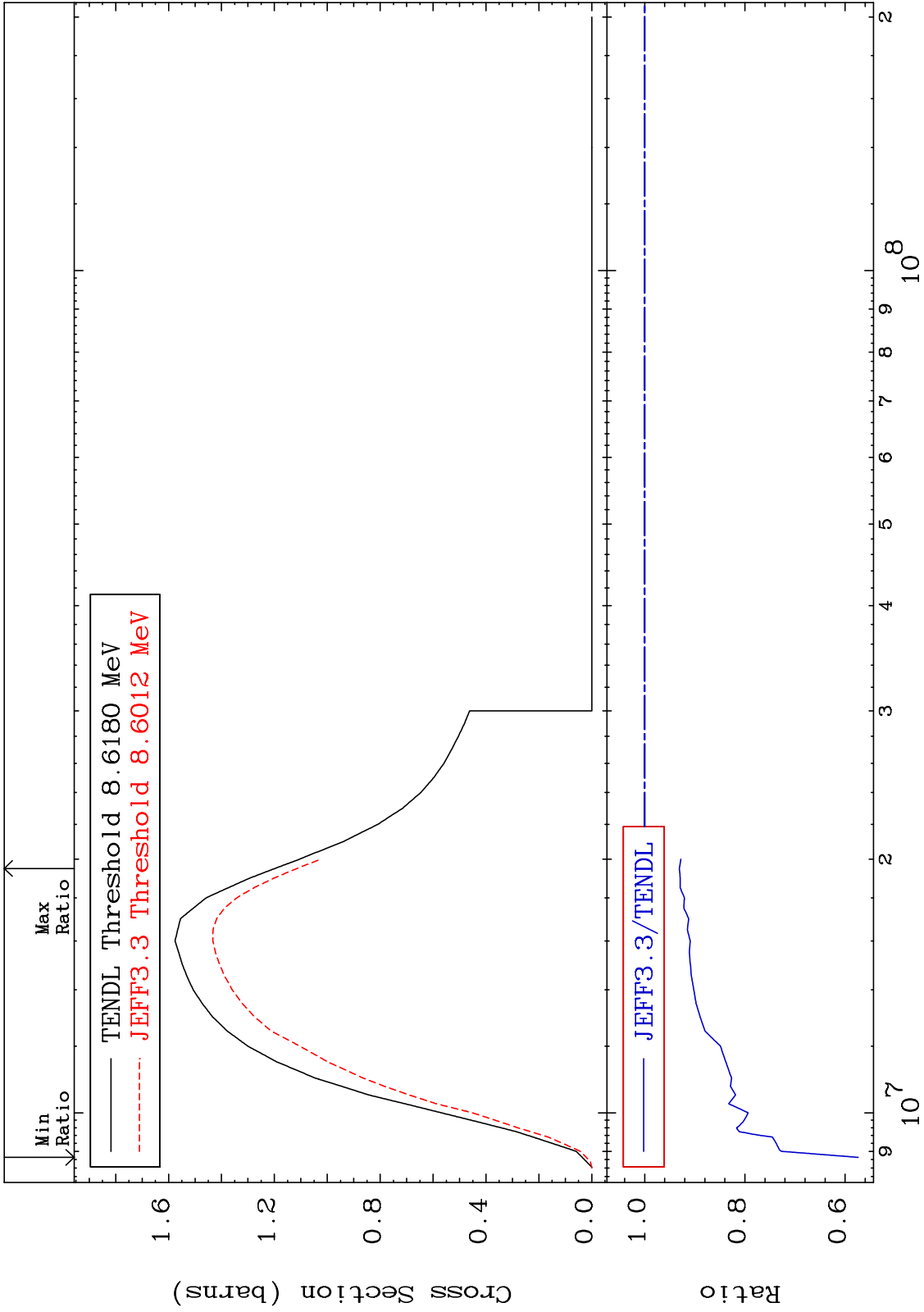
MAT 5455

(n,2n)

54-Xe-134

Cross Section

-42.62 To -6.924%



4

Incident Energy (eV)

54-Xe-134

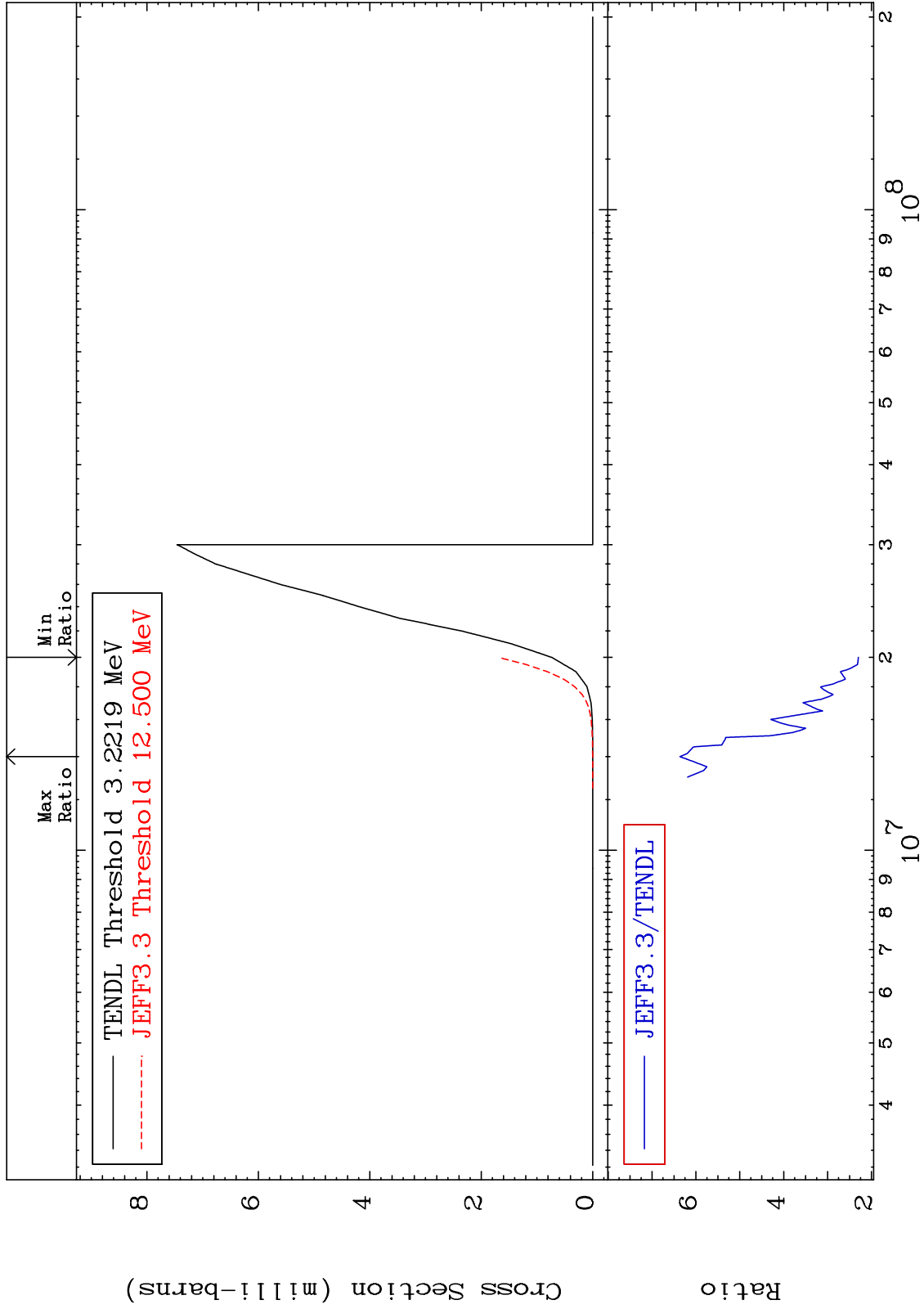
MAT 5455

(n, n') α

54-Xe-134

129.8 To 536.2 %

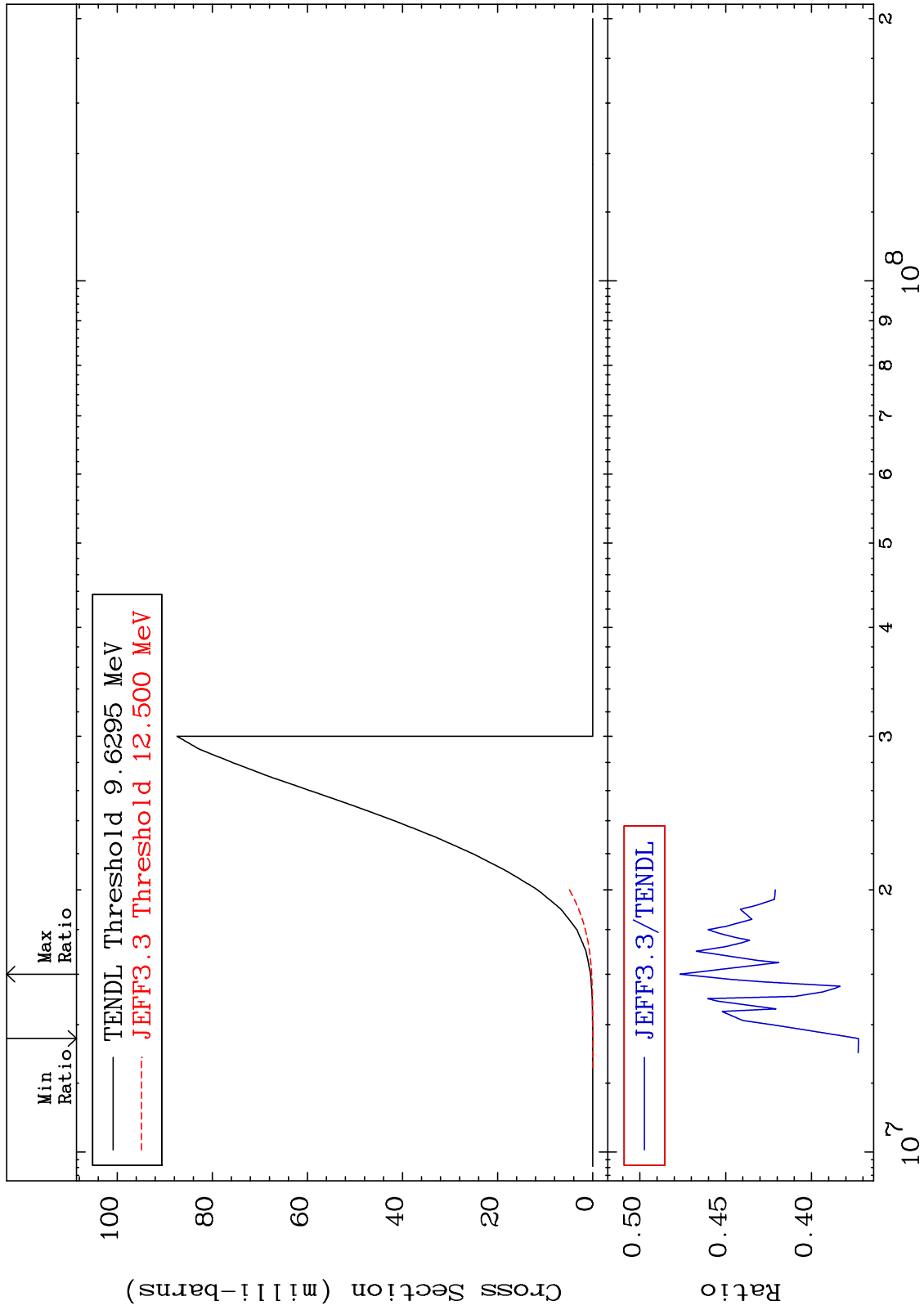
Cross Section



MAT 5455

(n,n') p
Cross Section

54-Xe-134
-62.73 To -52.34%



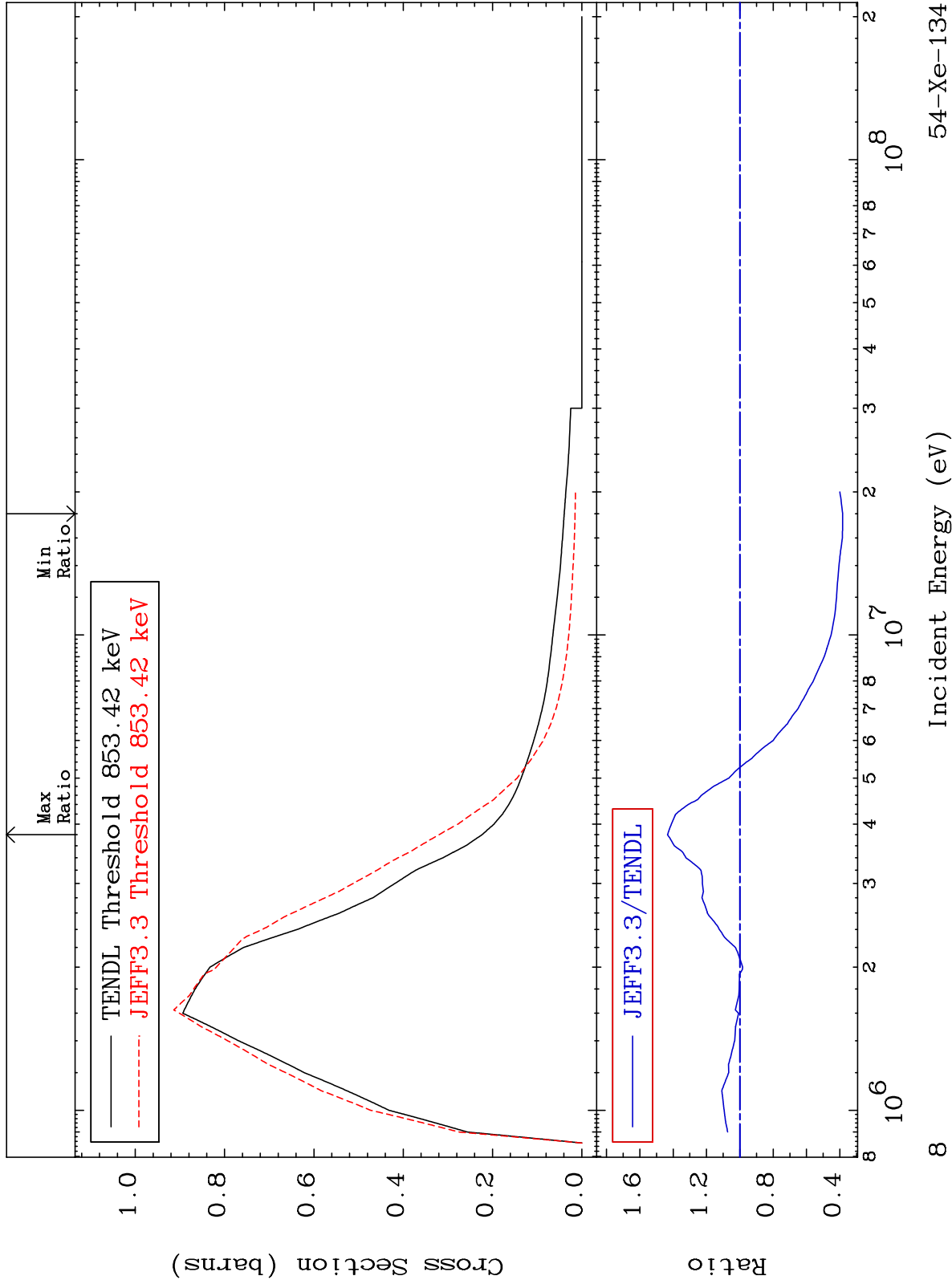
Incident Energy (eV)

54-Xe-134

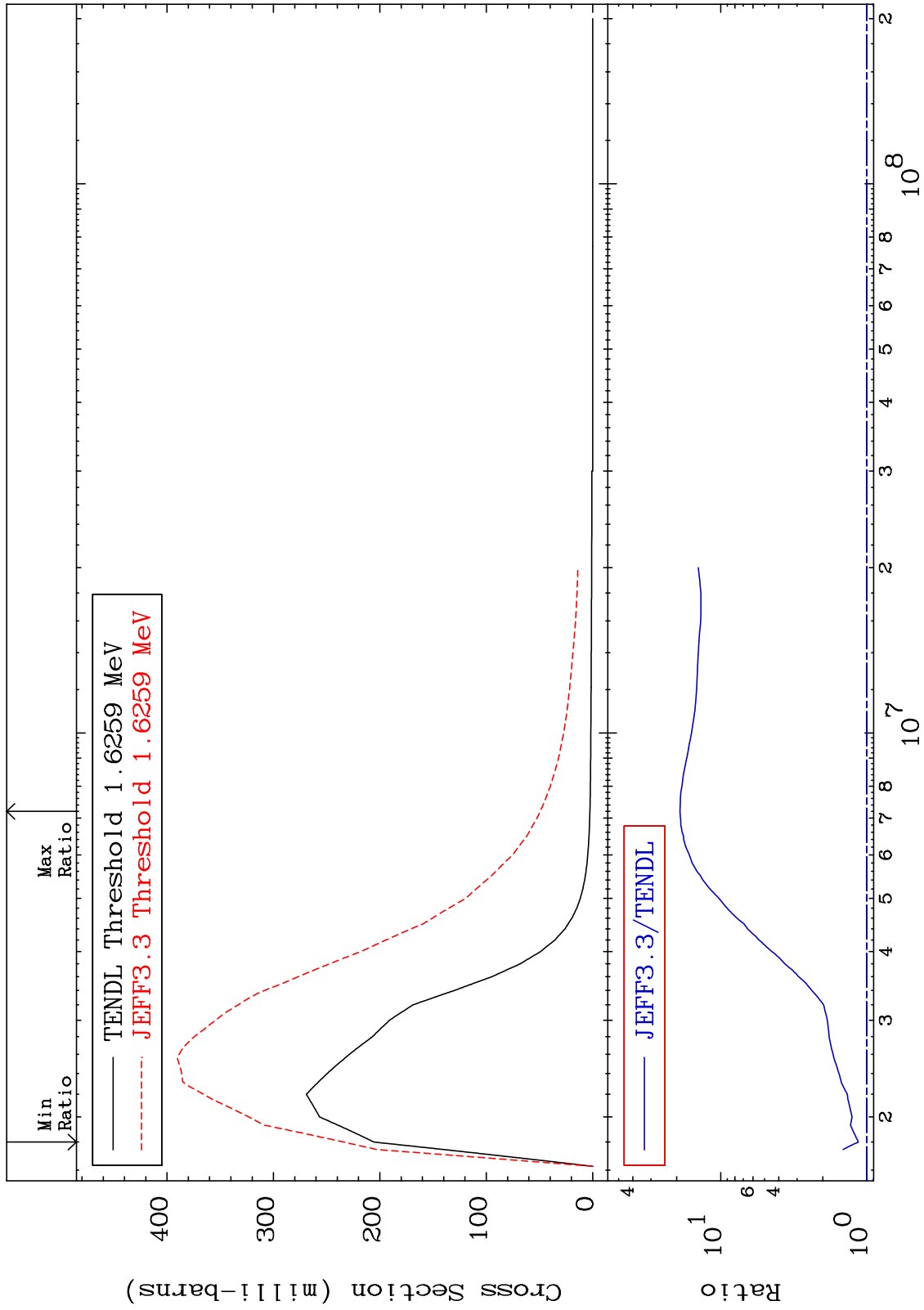
MAT 5455

MT= 51 (n, n') Level
Cross Section

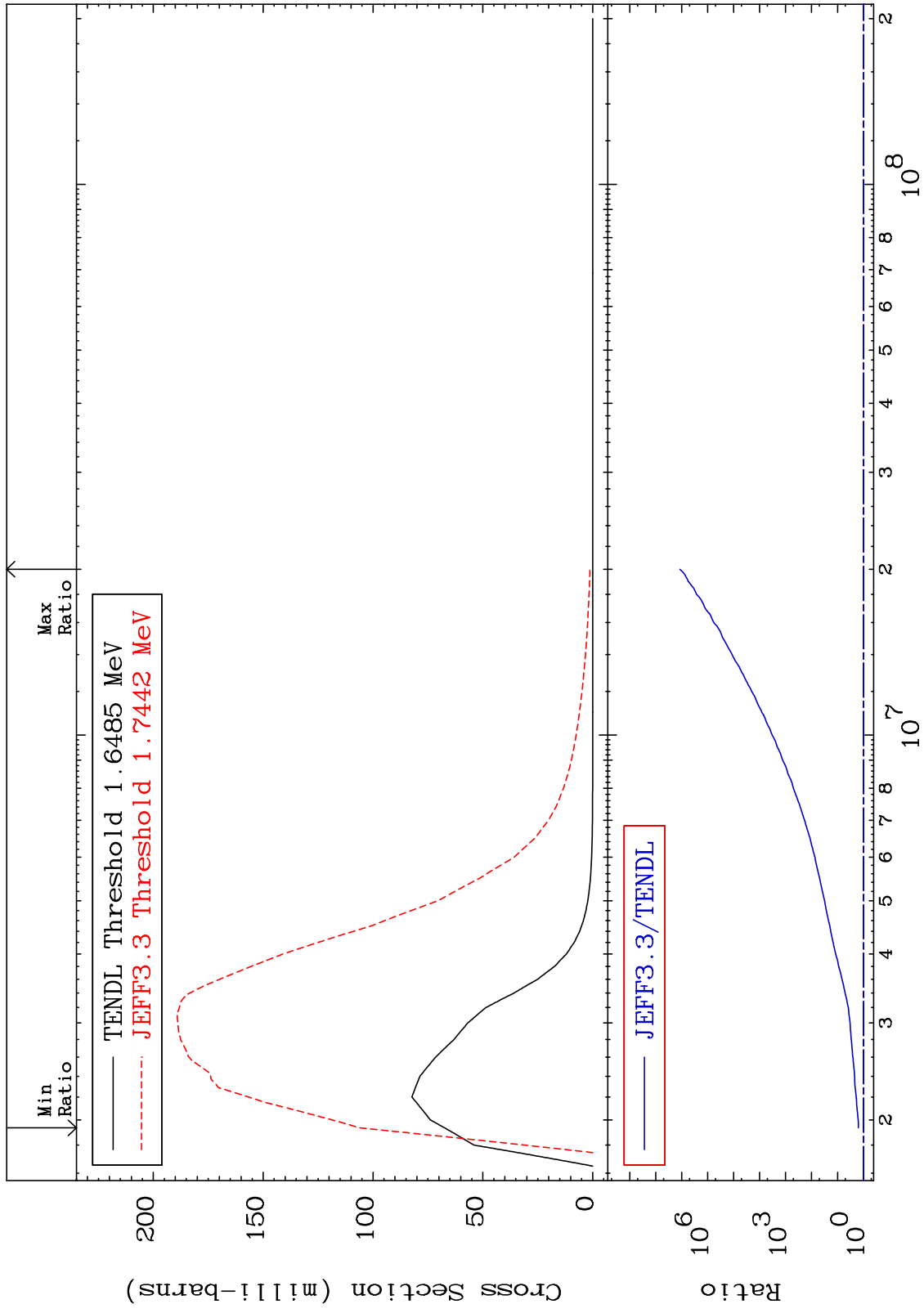
54-Xe-134
-61.67 To 43.36 %



MAT 5455 MT= 52 (n,n') Level Cross Section 54-Xe-134 To 1799. %



MAT 5455 MT= 53 (n,n') Level Cross Section 54-Xe-134 57.28 To 9999. %

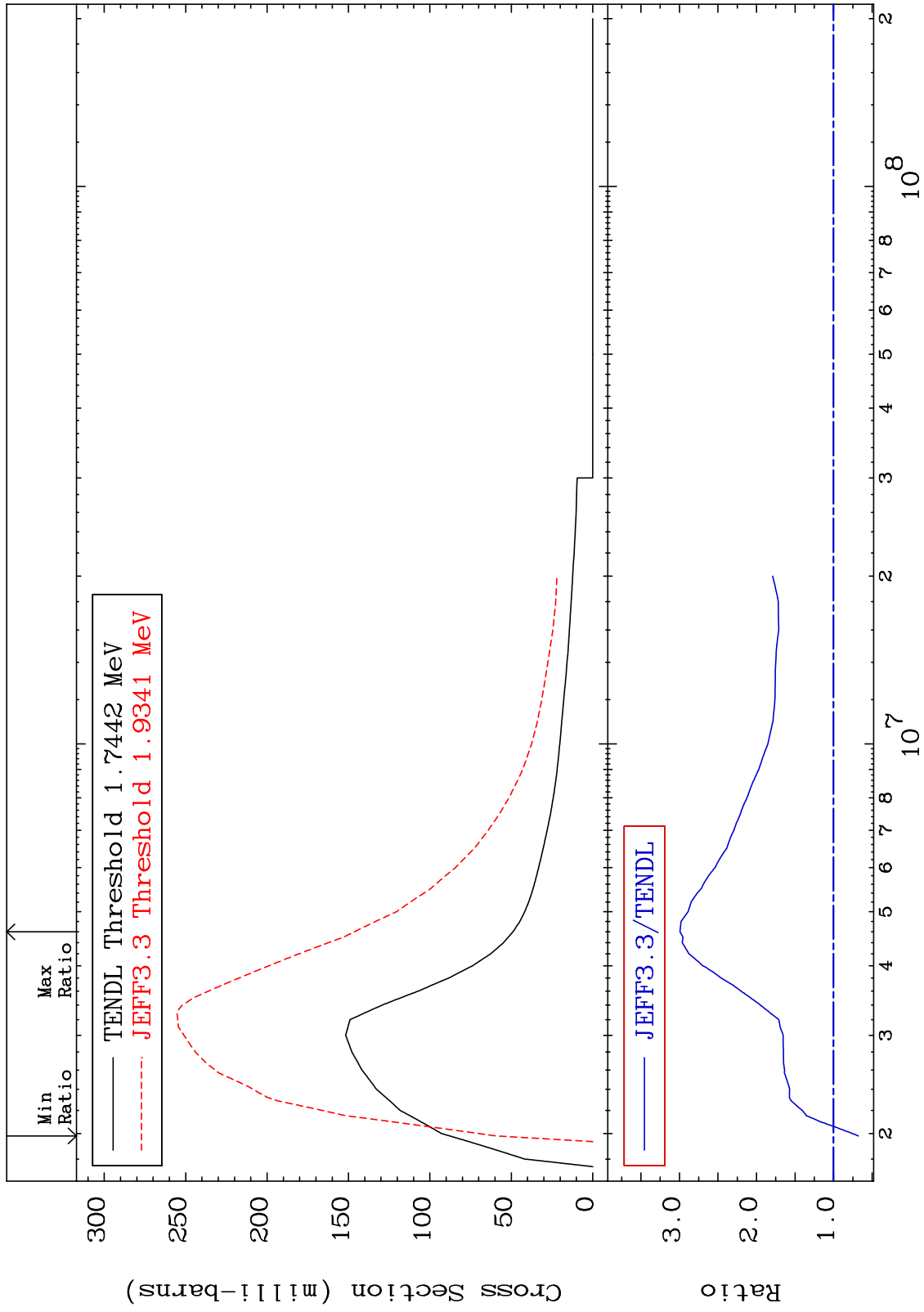


Incident Energy (eV) 54-Xe-134

MAT 5455

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

54-Xe-134
-32.27 To 199.2 %



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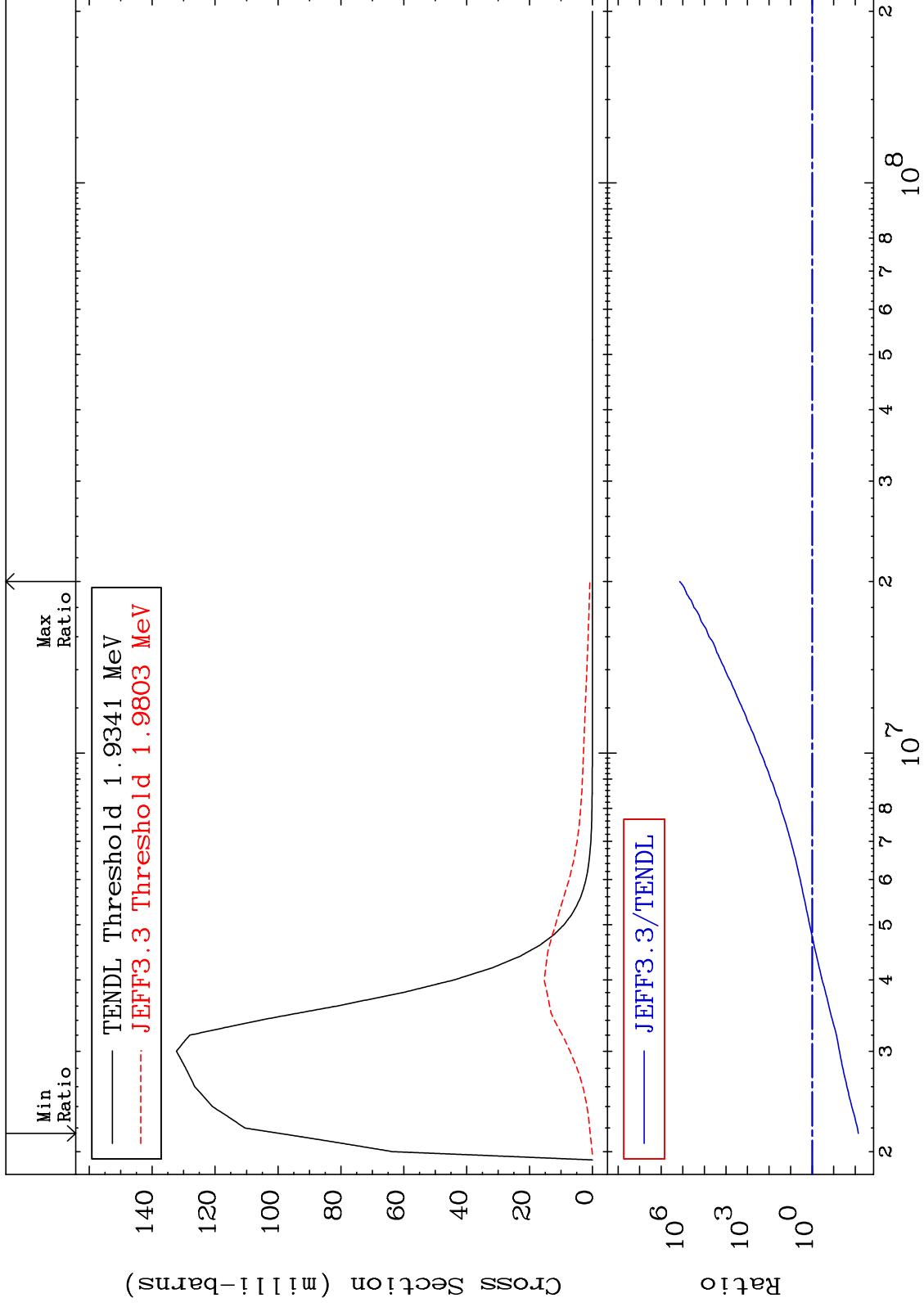
Incident Energy (eV)

54-Xe-134

MAT 5455

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

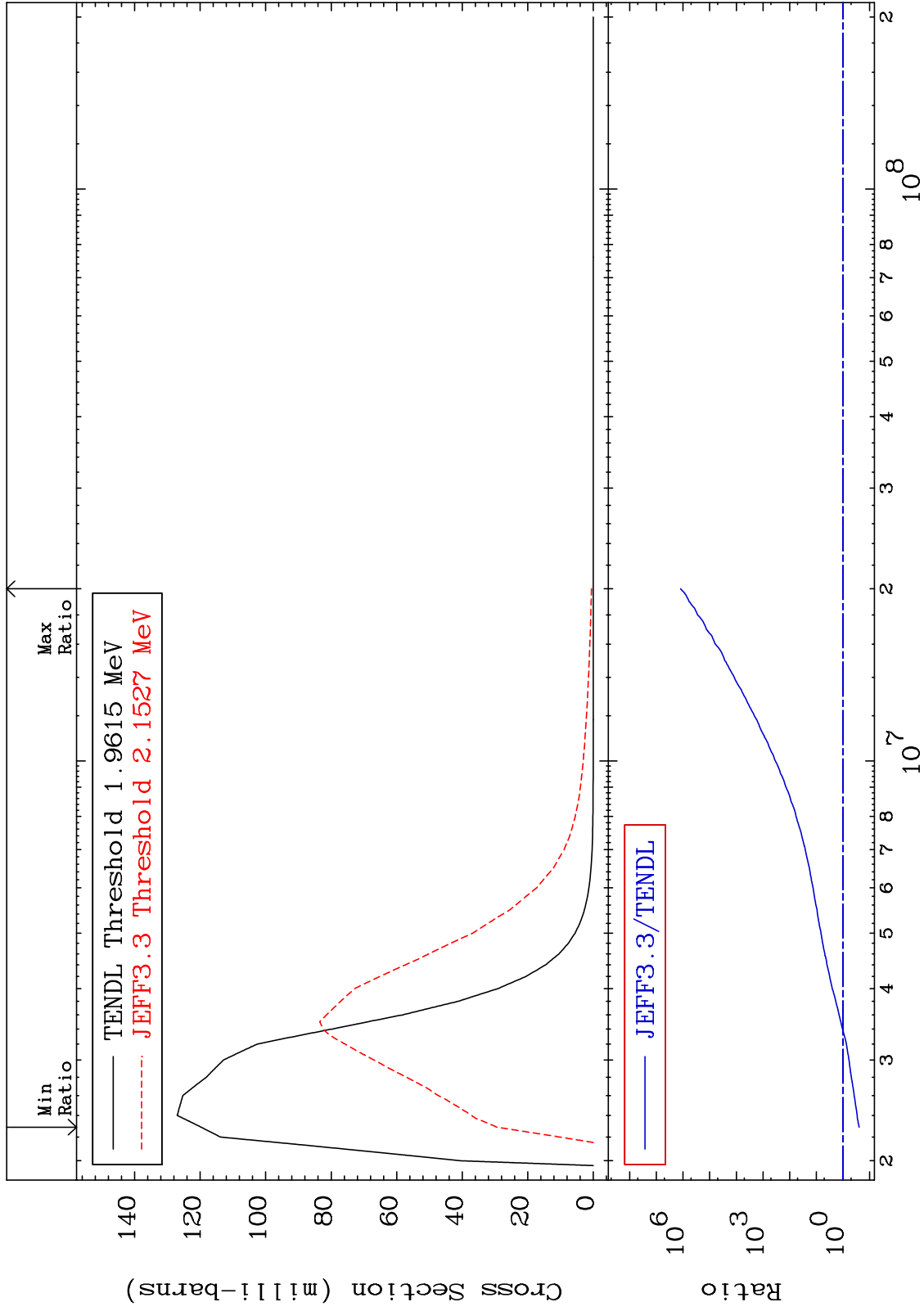
54-Xe-134
-99.28 To 9999. %



MAT 5455

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

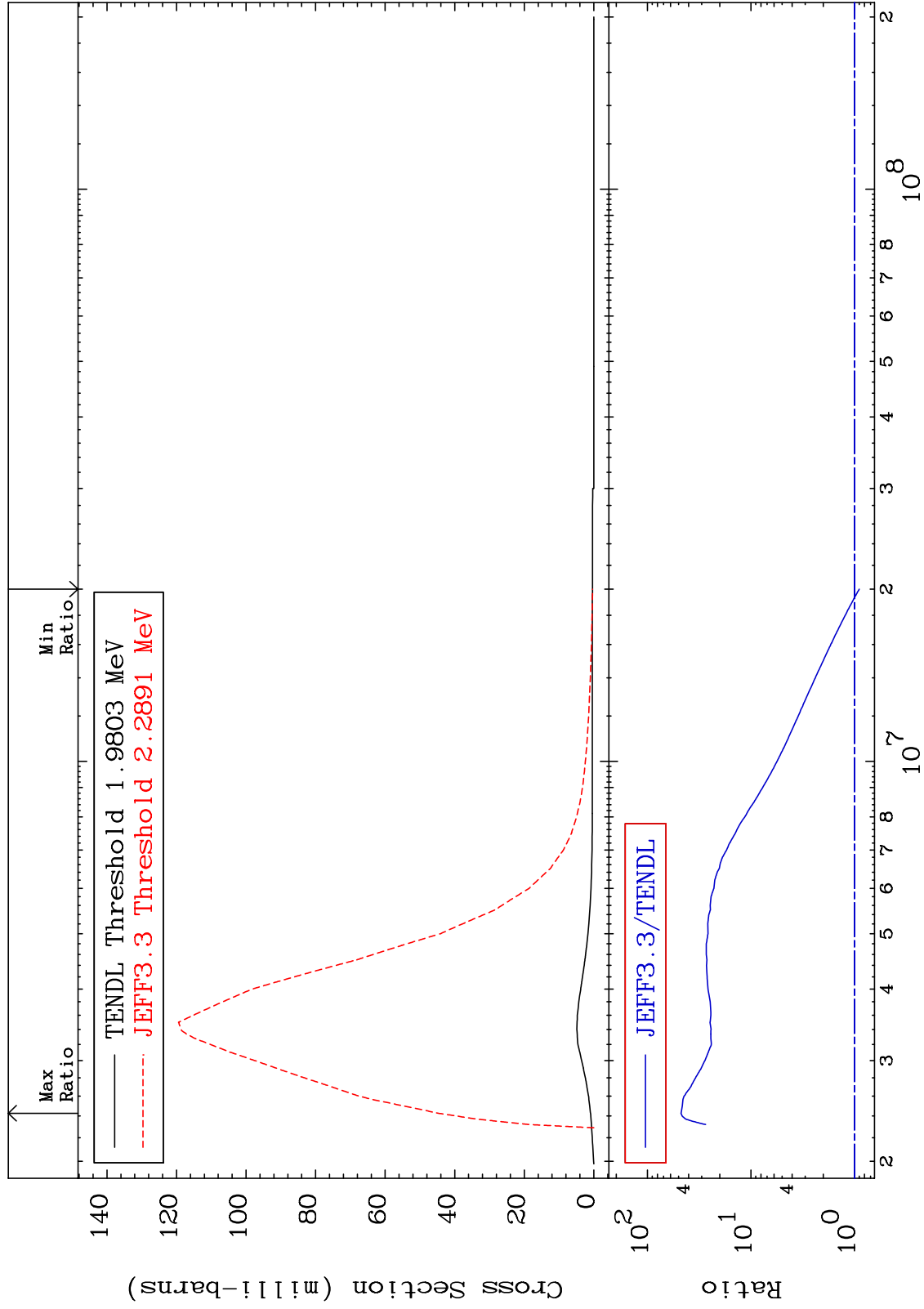
54-Xe-134
-75.43 To 9999. %



MAT 5455

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

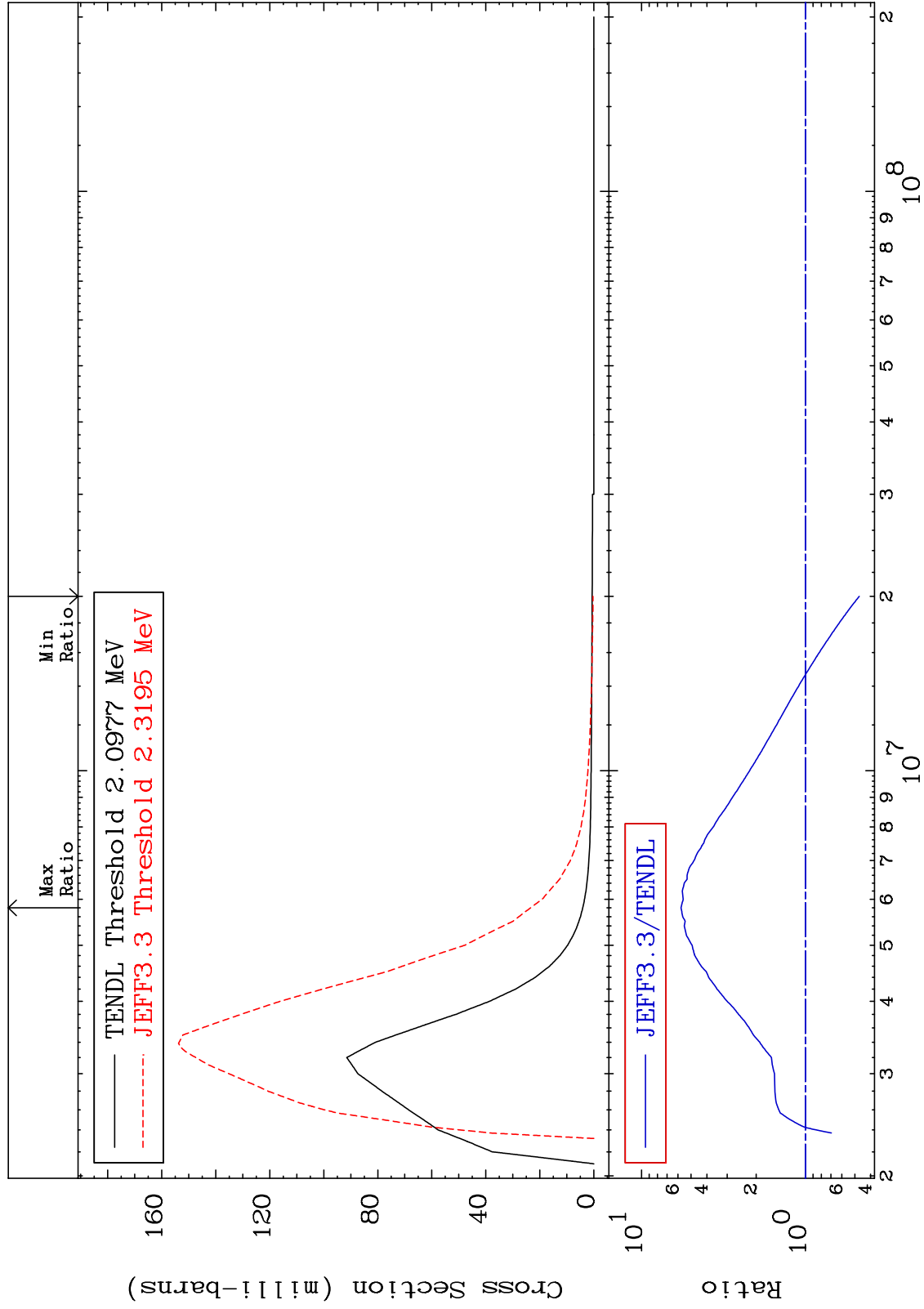
54-Xe-134
-10.17 To 4638. %



MAT 5455

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

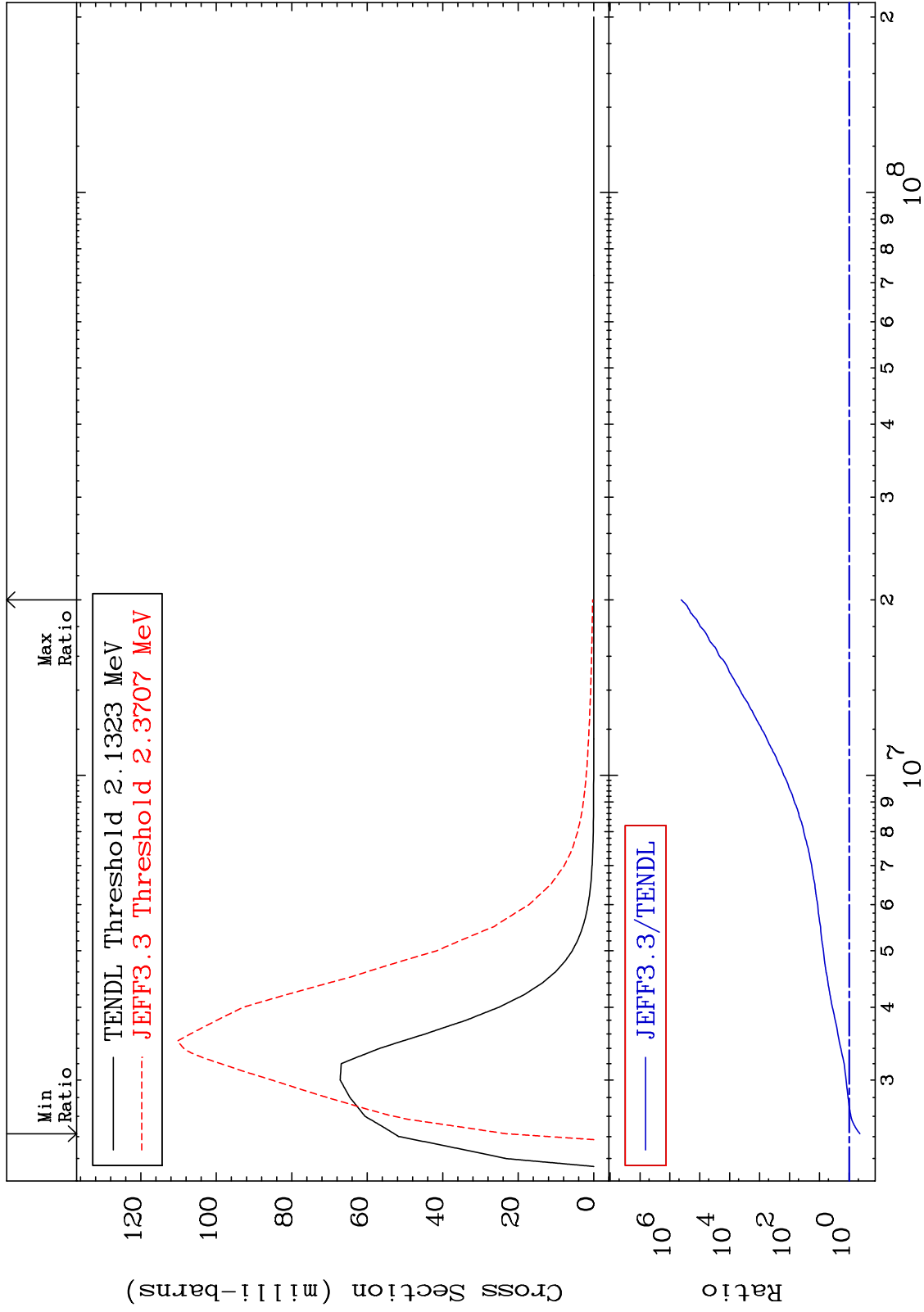
54-Xe-134
-53.07 To 474.5 %



MAT 5455

MT= 59 (n,n') Level
Cross Section

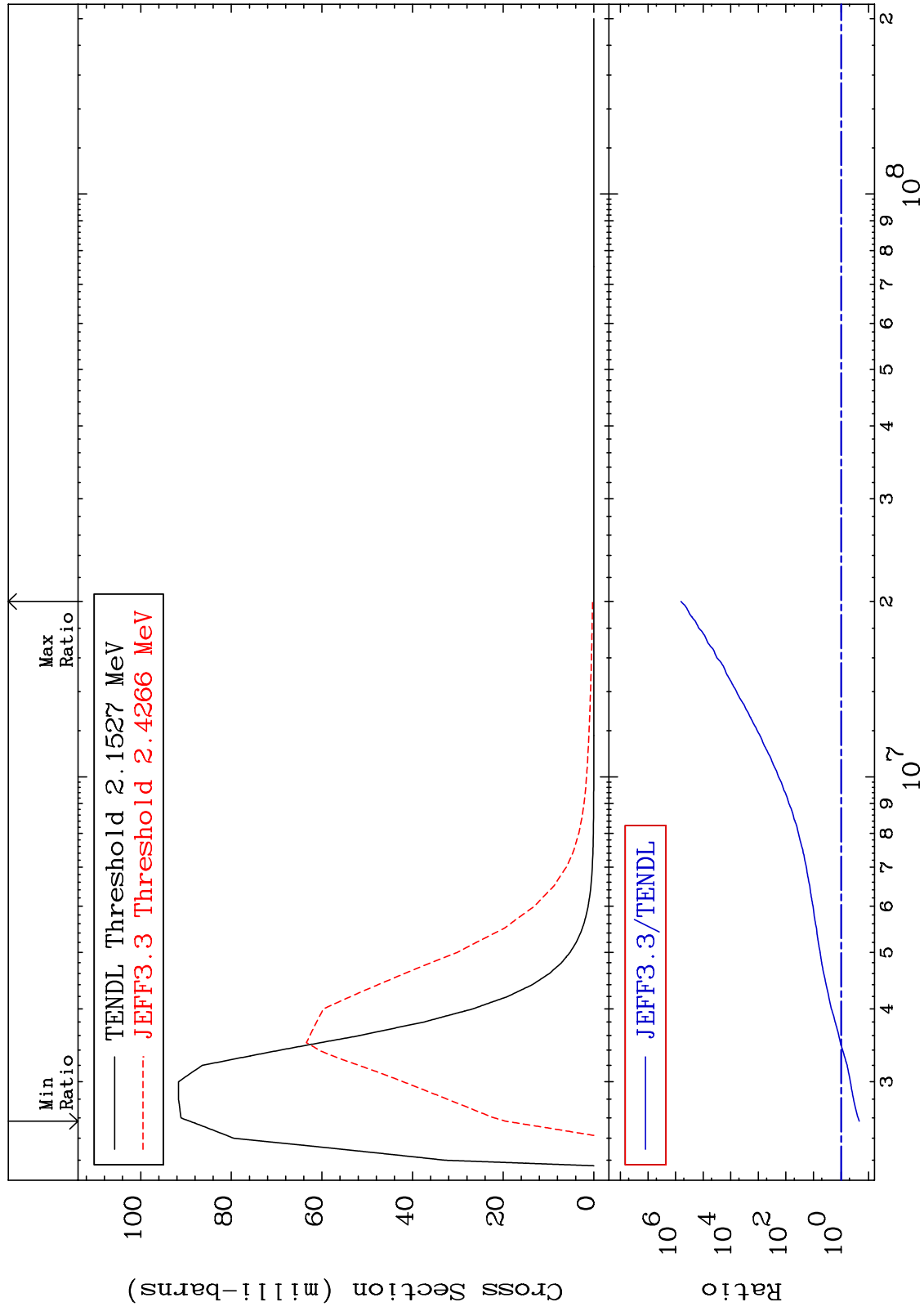
54-Xe-134
-56.07 To 9999. %



MAT 5455

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

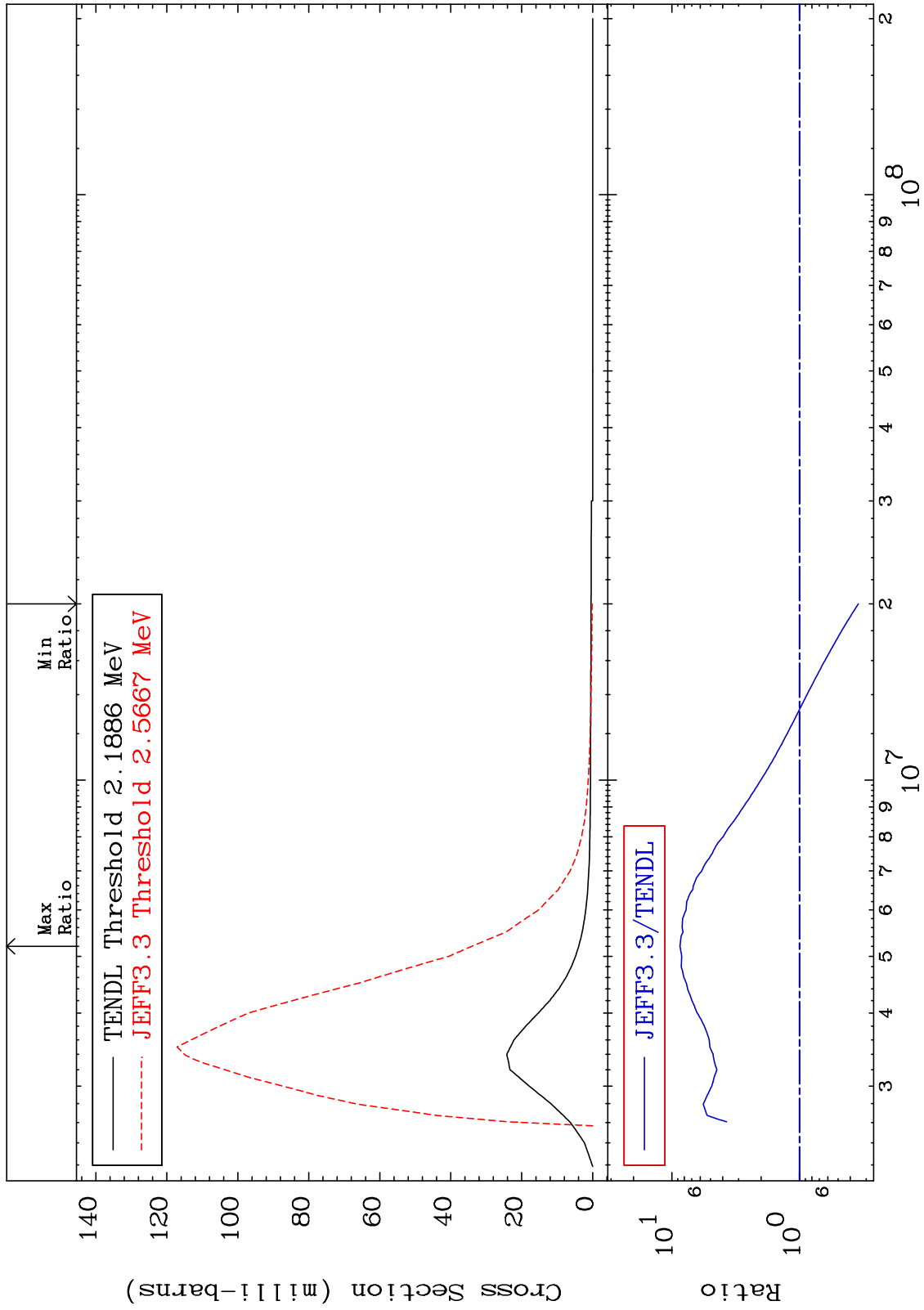
54-Xe-134
-78.17 To 9999. %



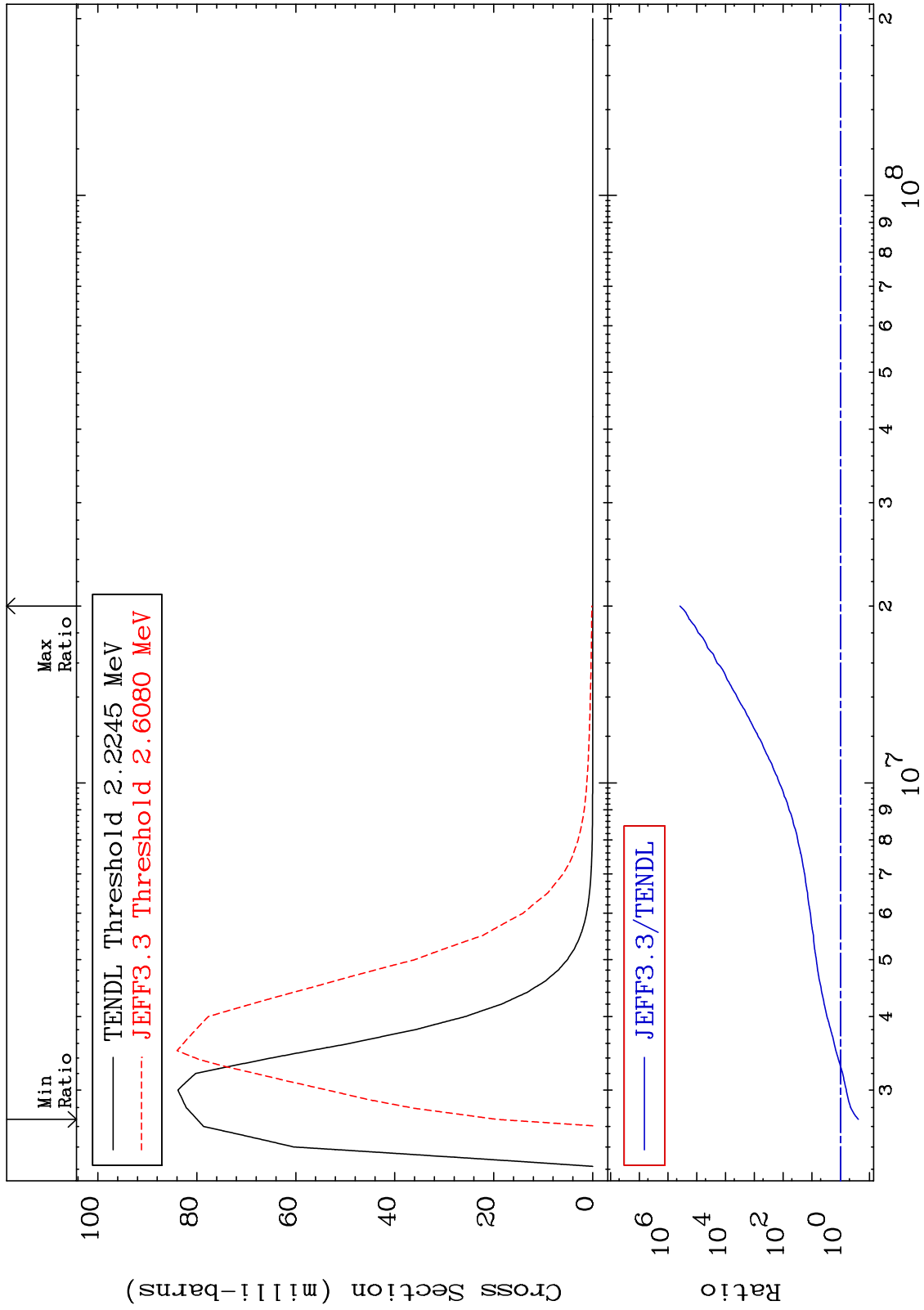
MAT 5455

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

54-Xe-134
-65.42 To 765.1 %



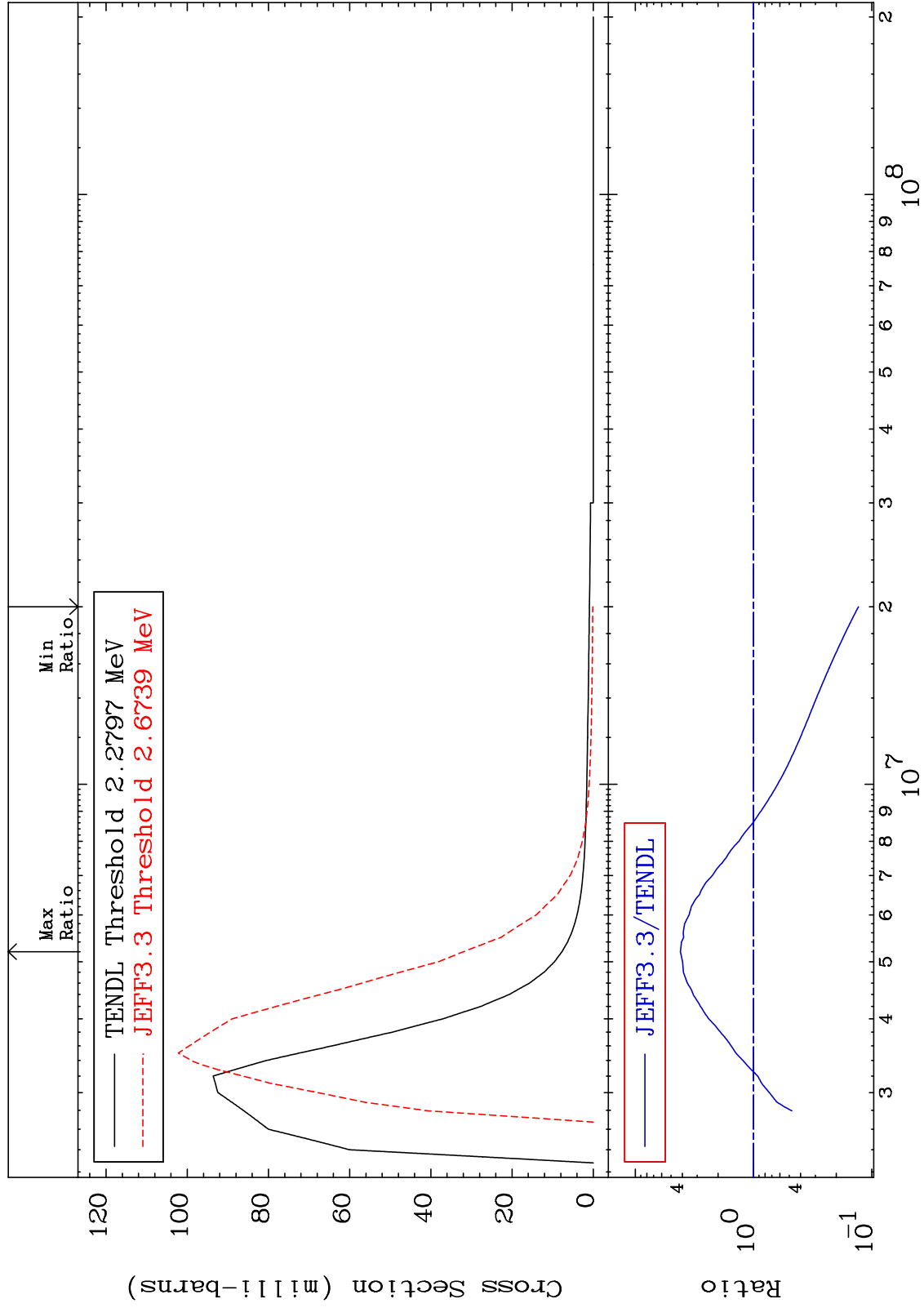
MAT 5455 MT= 62 (n,n') Level 54-Xe-134
 Cross Section -75.75 To 9999. %



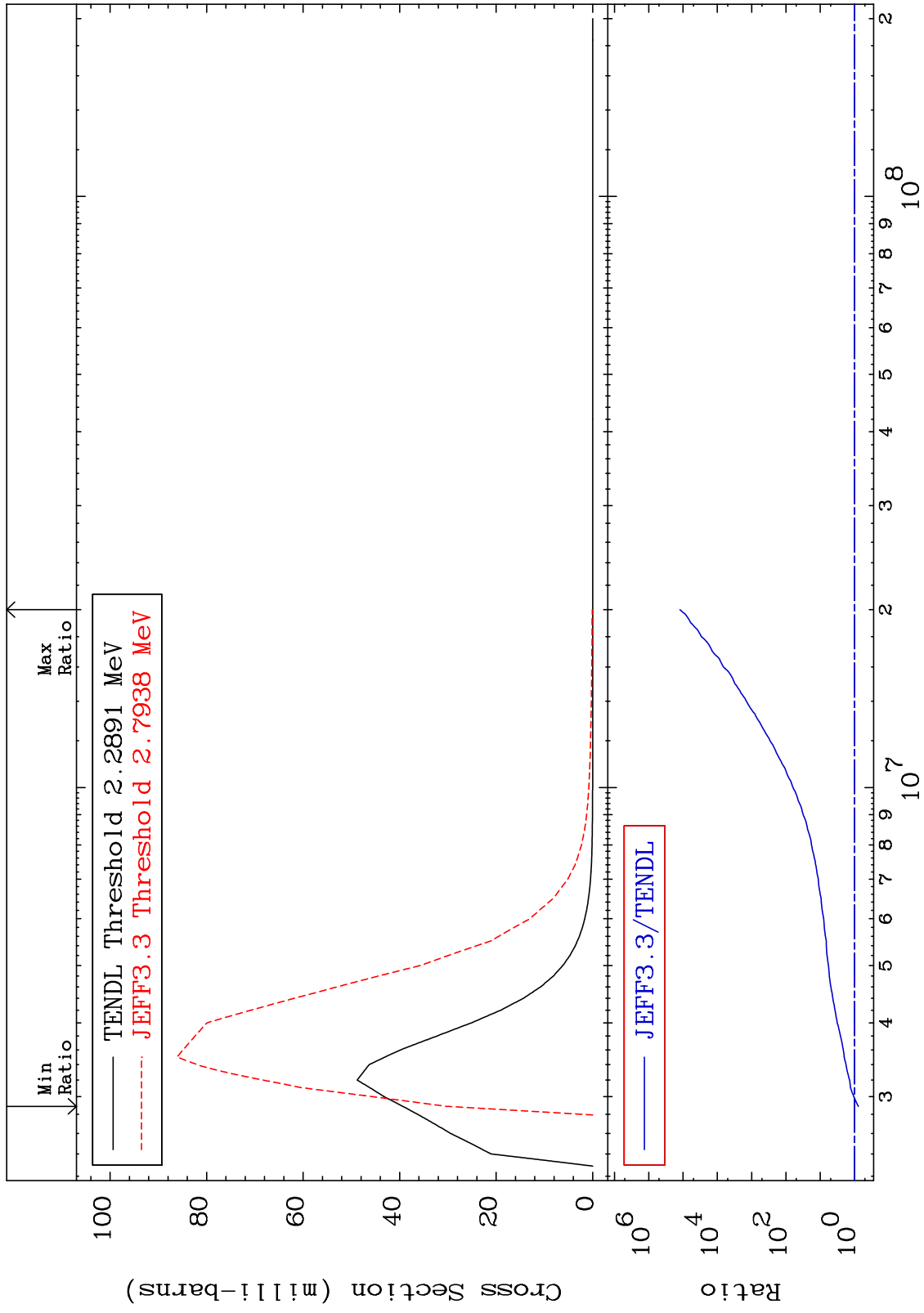
MAT 5455

MT= 63 (n,n') Level
Cross Section

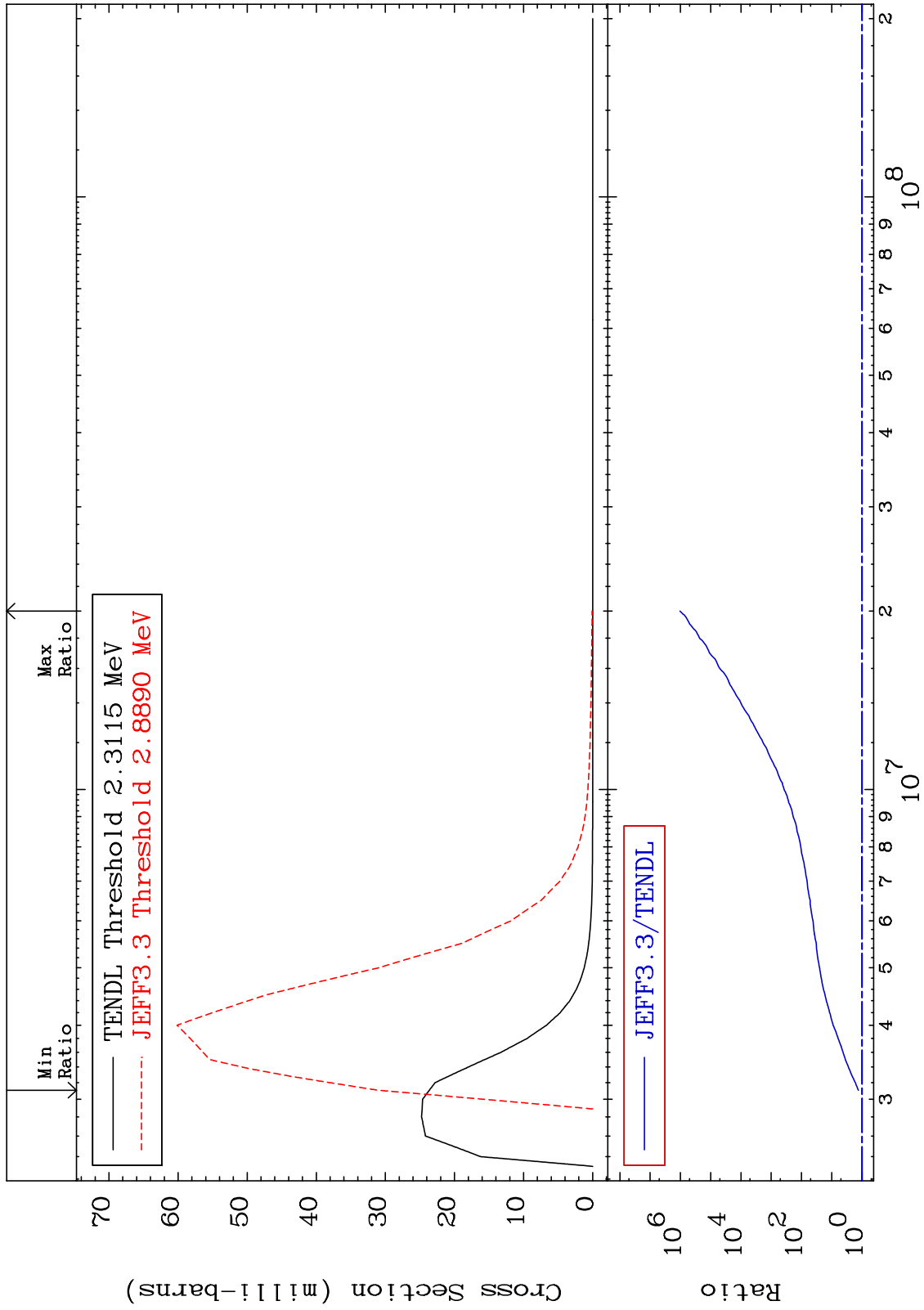
54-Xe-134
-87.06 To 315.6 %



MAT 5455 MT= 64 (n,n') Level Cross Section 54-Xe-134
 -22.92 To 9999. %



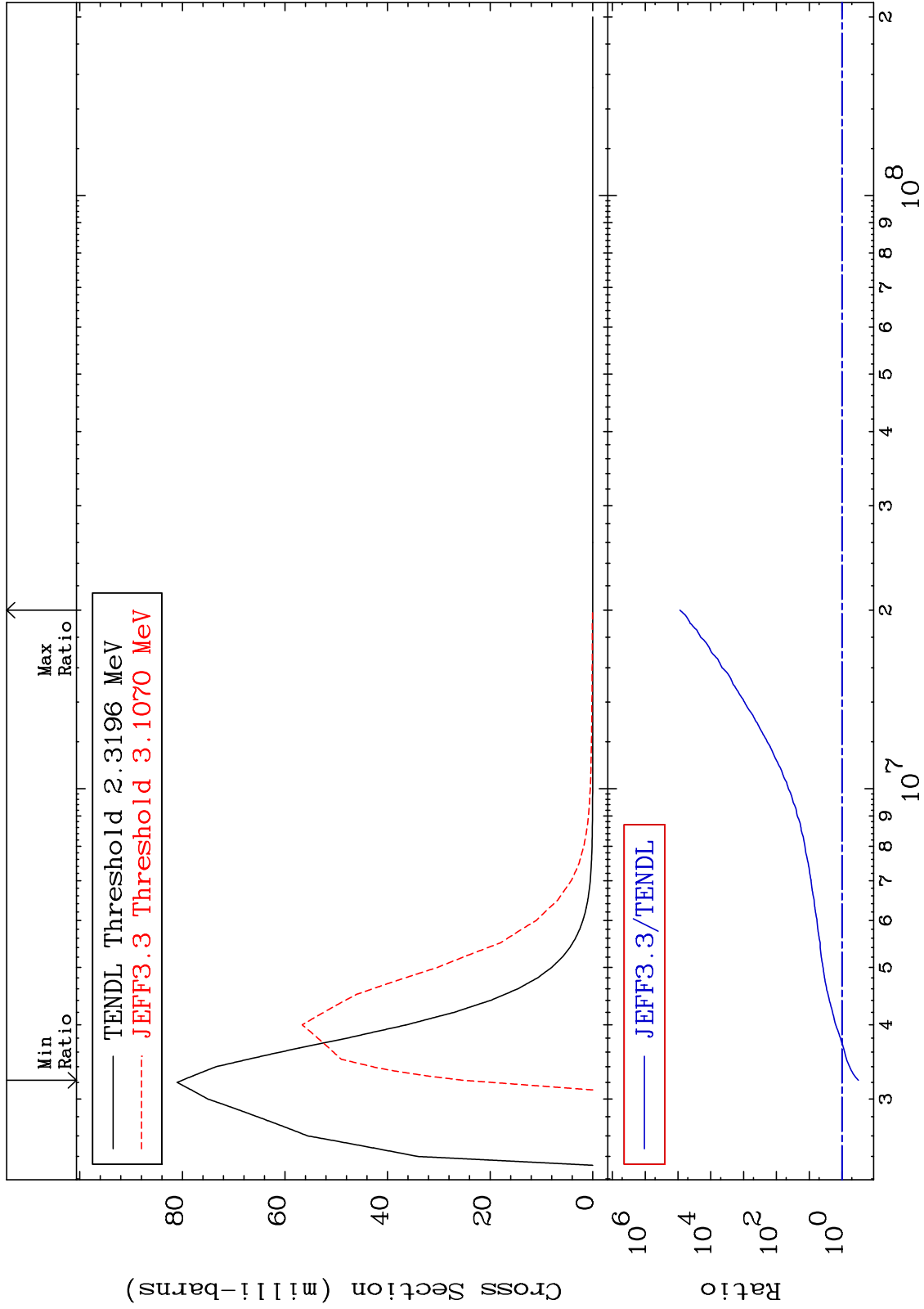
MAT 5455 MT= 65 (n,n') Level Cross Section 54-Xe-134
 31.70 To 9999. %



MAT 5455

MT= 66 (n,n') Level
Cross Section

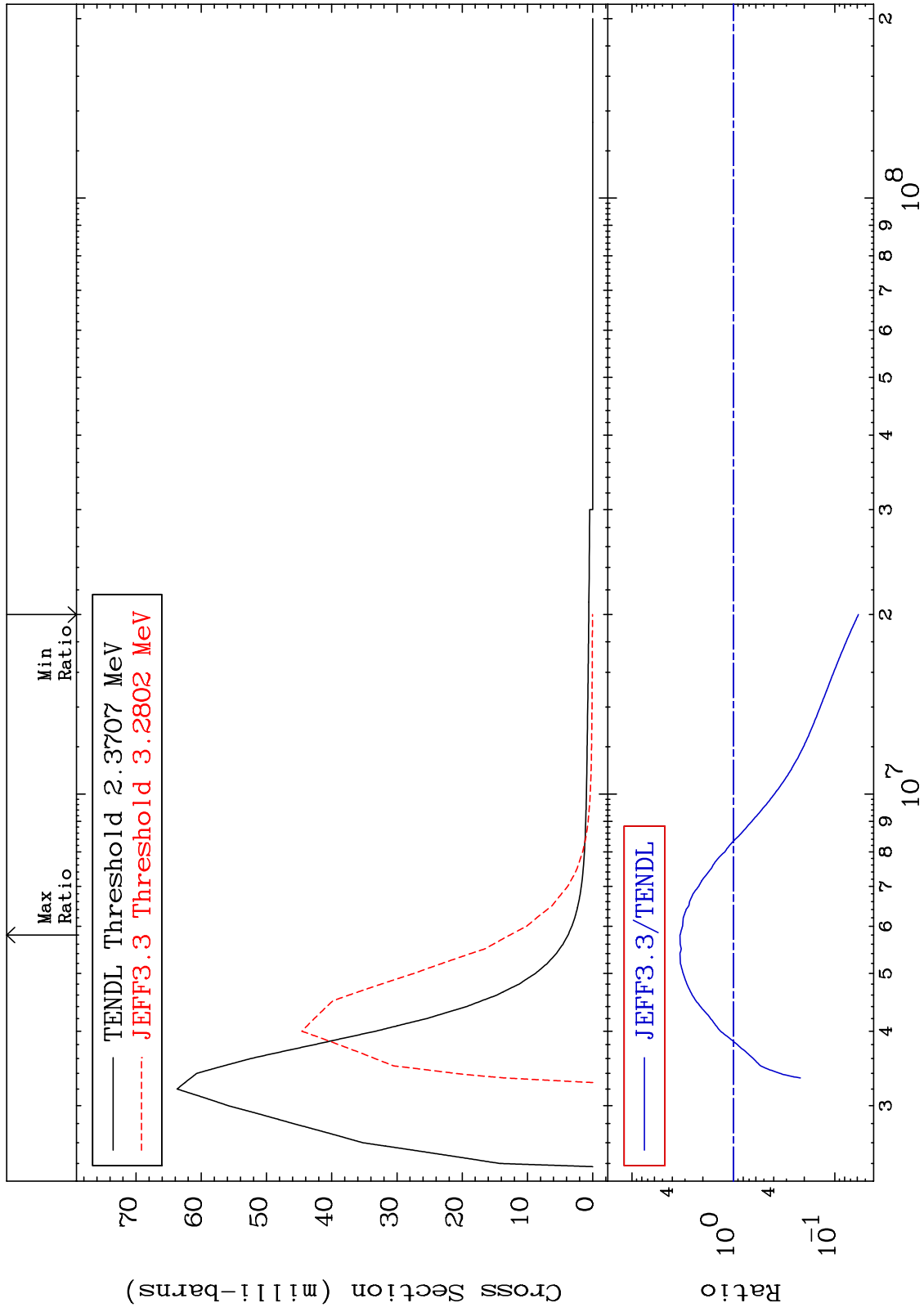
54-Xe-134
-68.39 To 9999. %



MAT 5455

MT= 67 (n,n') Level
Cross Section

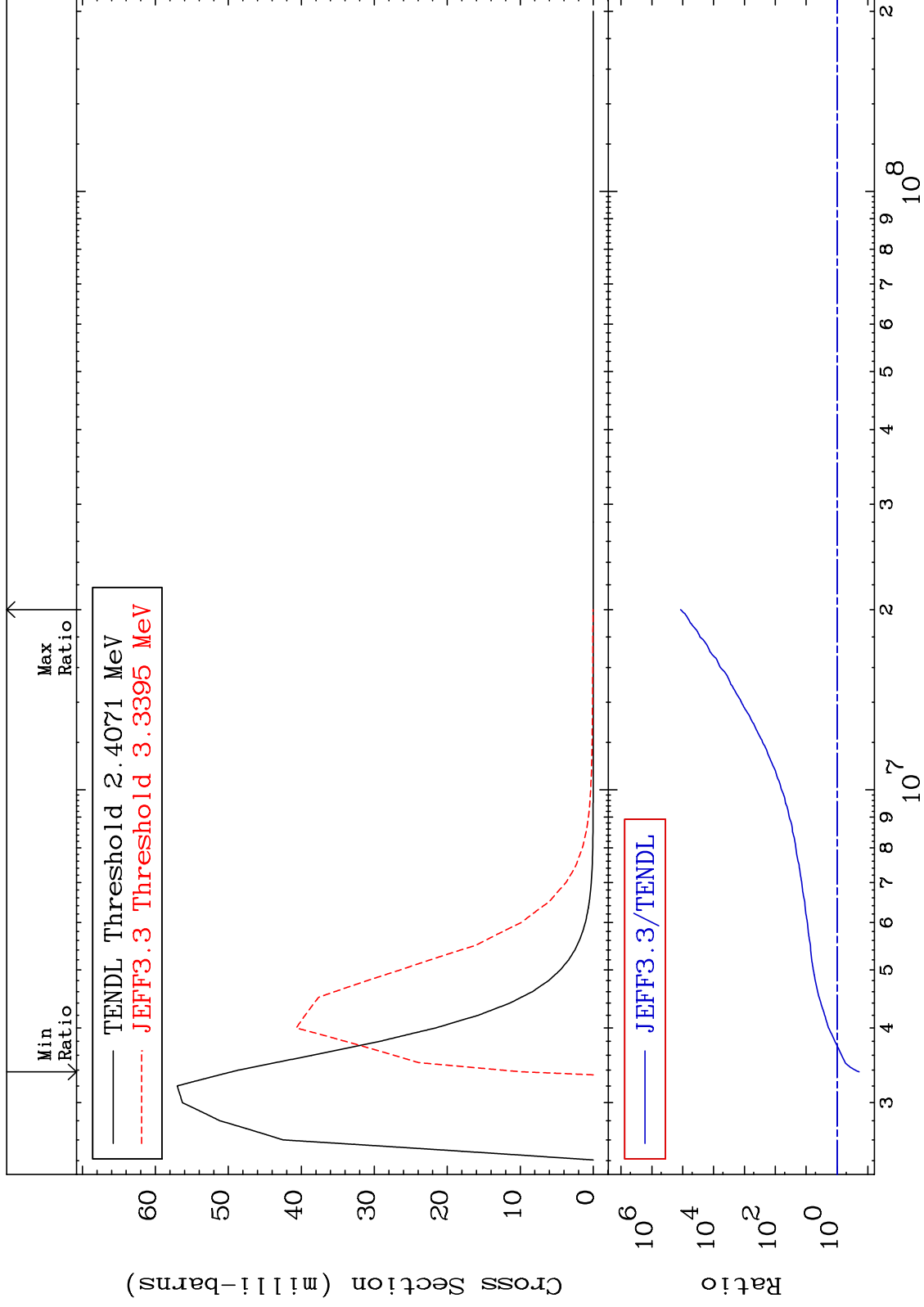
54-Xe-134
-94.15 To 235.4 %



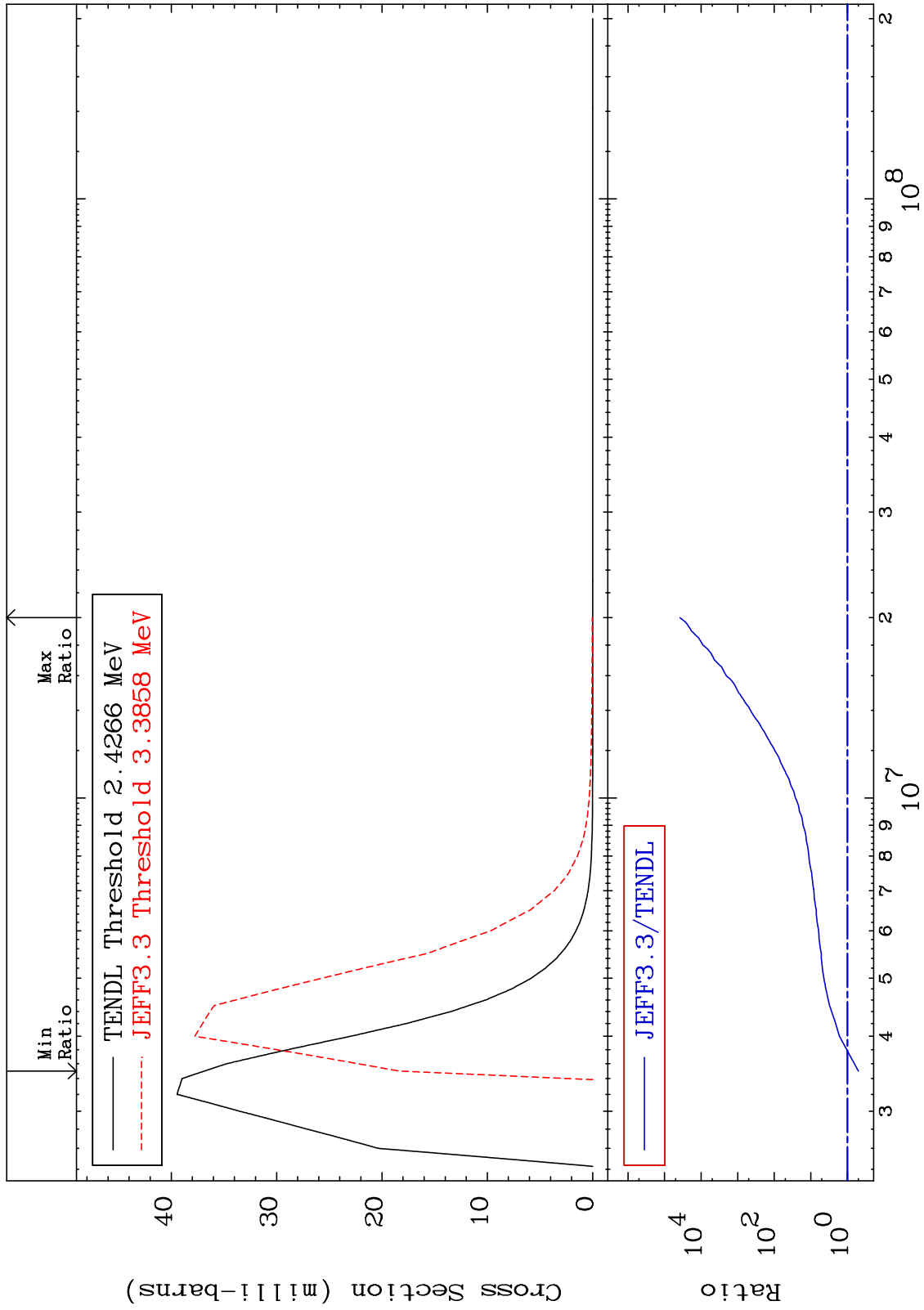
MAT 5455

MT= 68 (n,n') Level
Cross Section

54-Xe-134
-80.82 To 9999. %



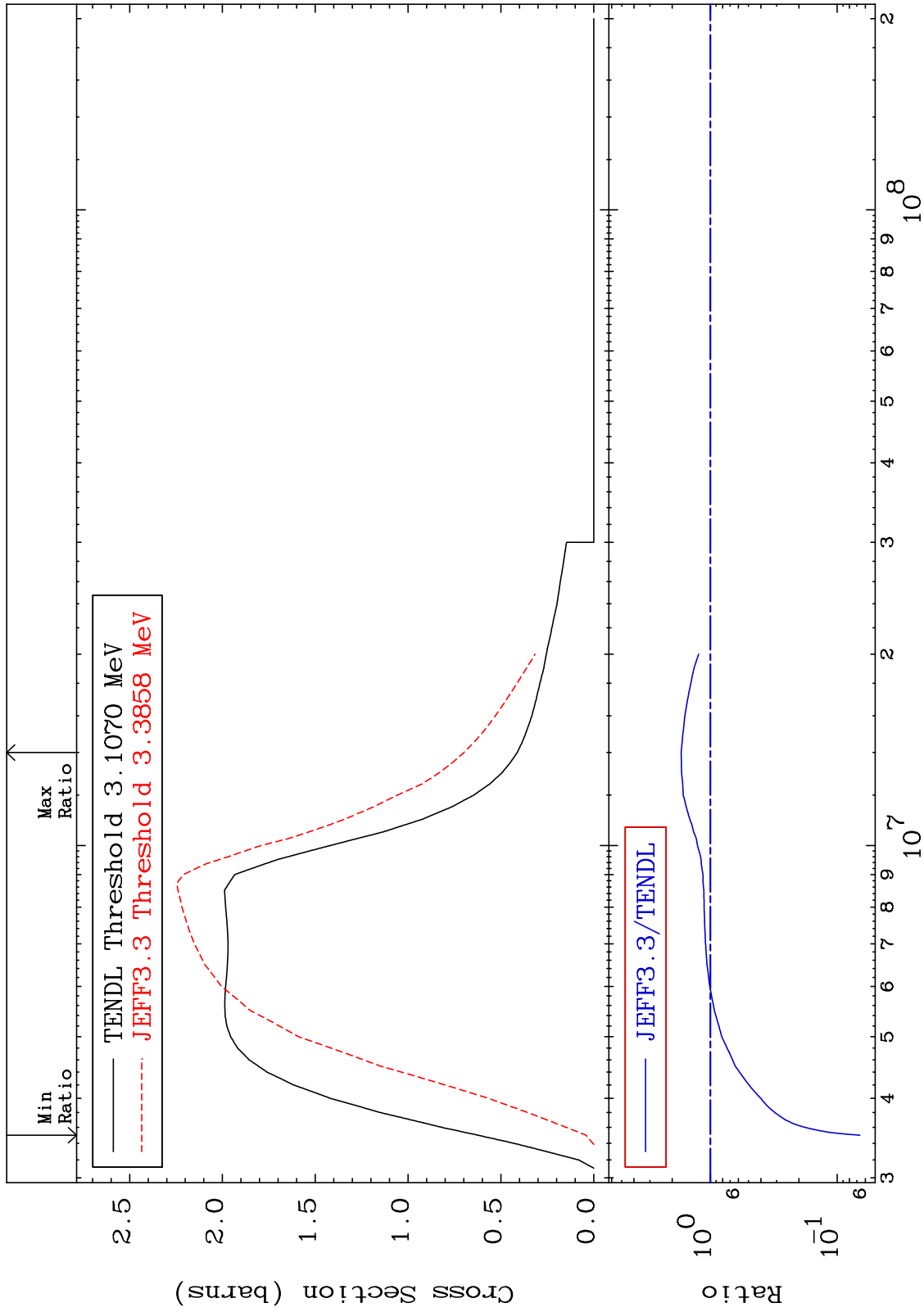
MAT 5455 MT= 69 (n,n') Level Cross Section 54-Xe-134
 -50.09 To 9999. %



MAT 5455

(n, n') Continuum
Cross Section

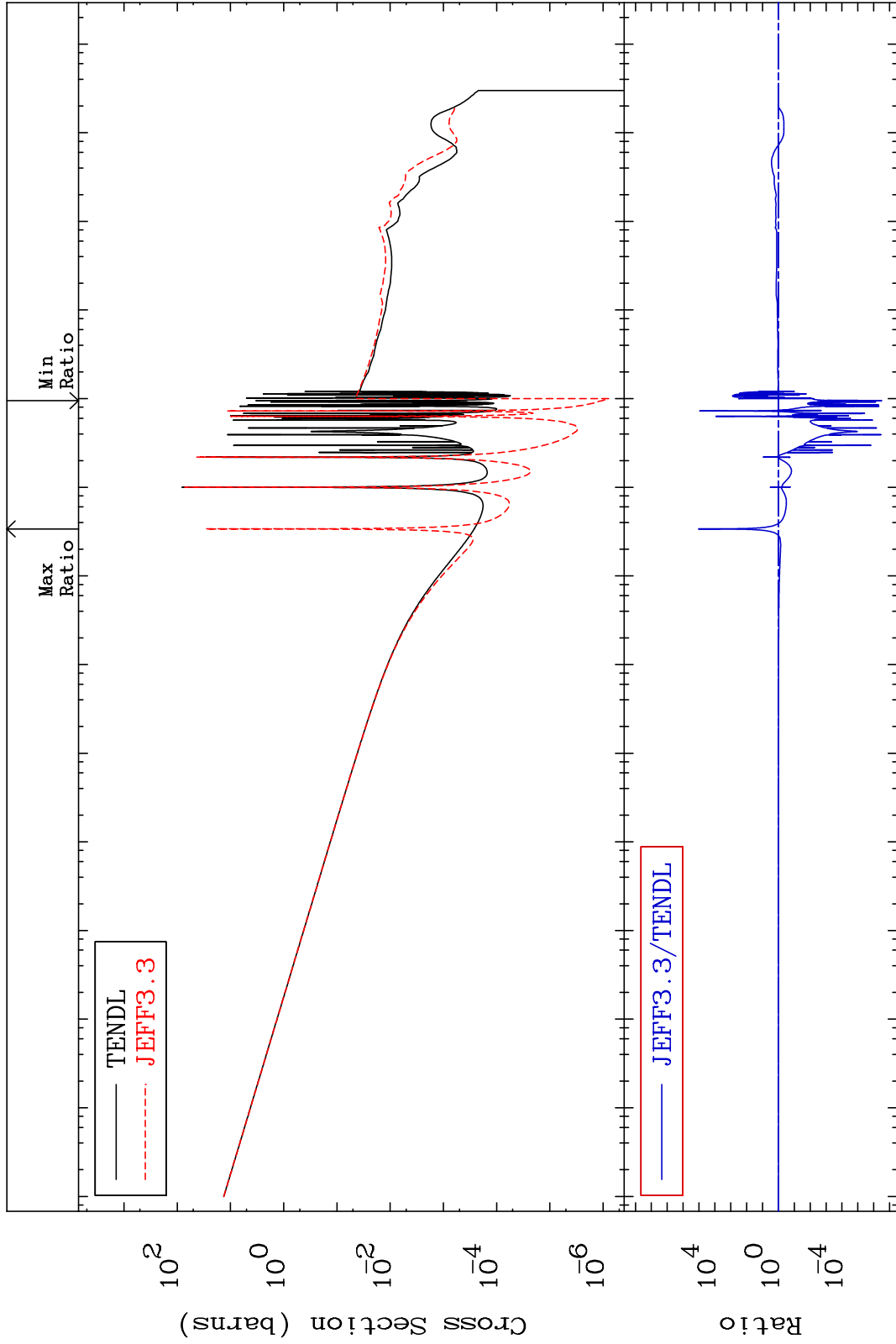
54-Xe-134
-93.38 To 69.69 %



MAT 5455

(n, γ)
Cross Section

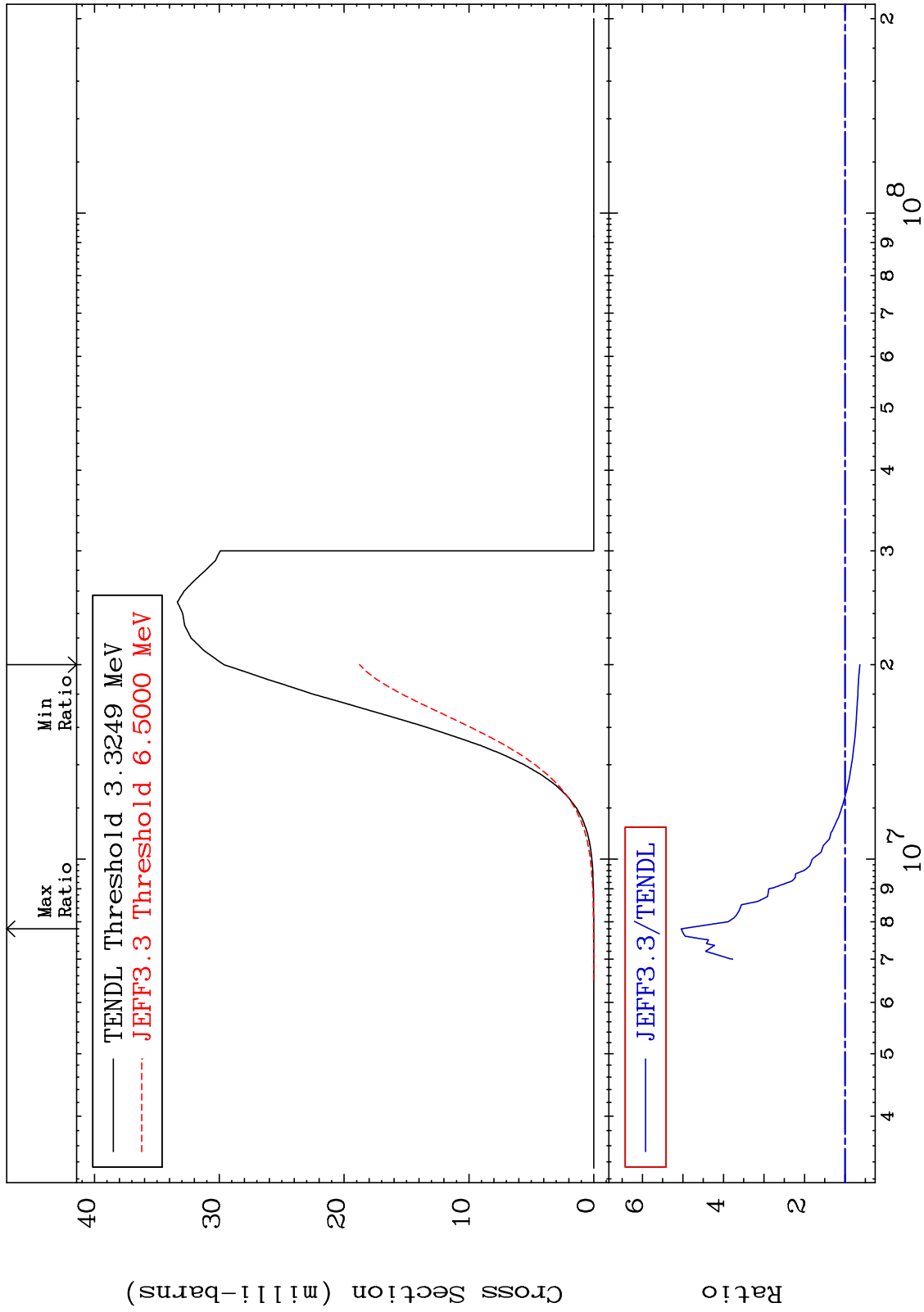
54-Xe-134
-100.0 To 9999. %



MAT 5455

54-Xe-134

(n,p)
Cross Section
-36.70 To 404.3 %



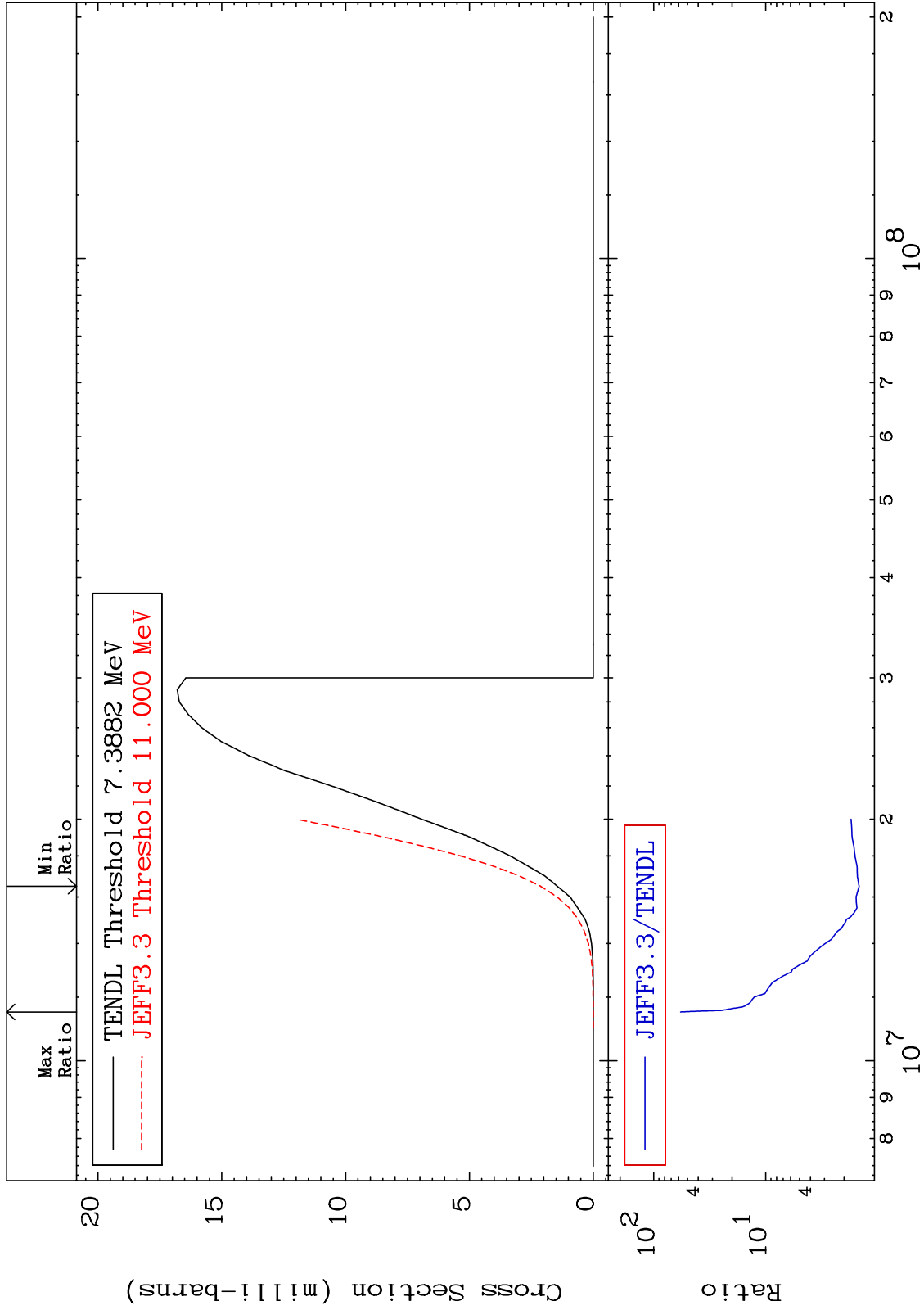
MAT 5455

(n, d)

54-Xe-134

Cross Section

46.70 To 5656. %

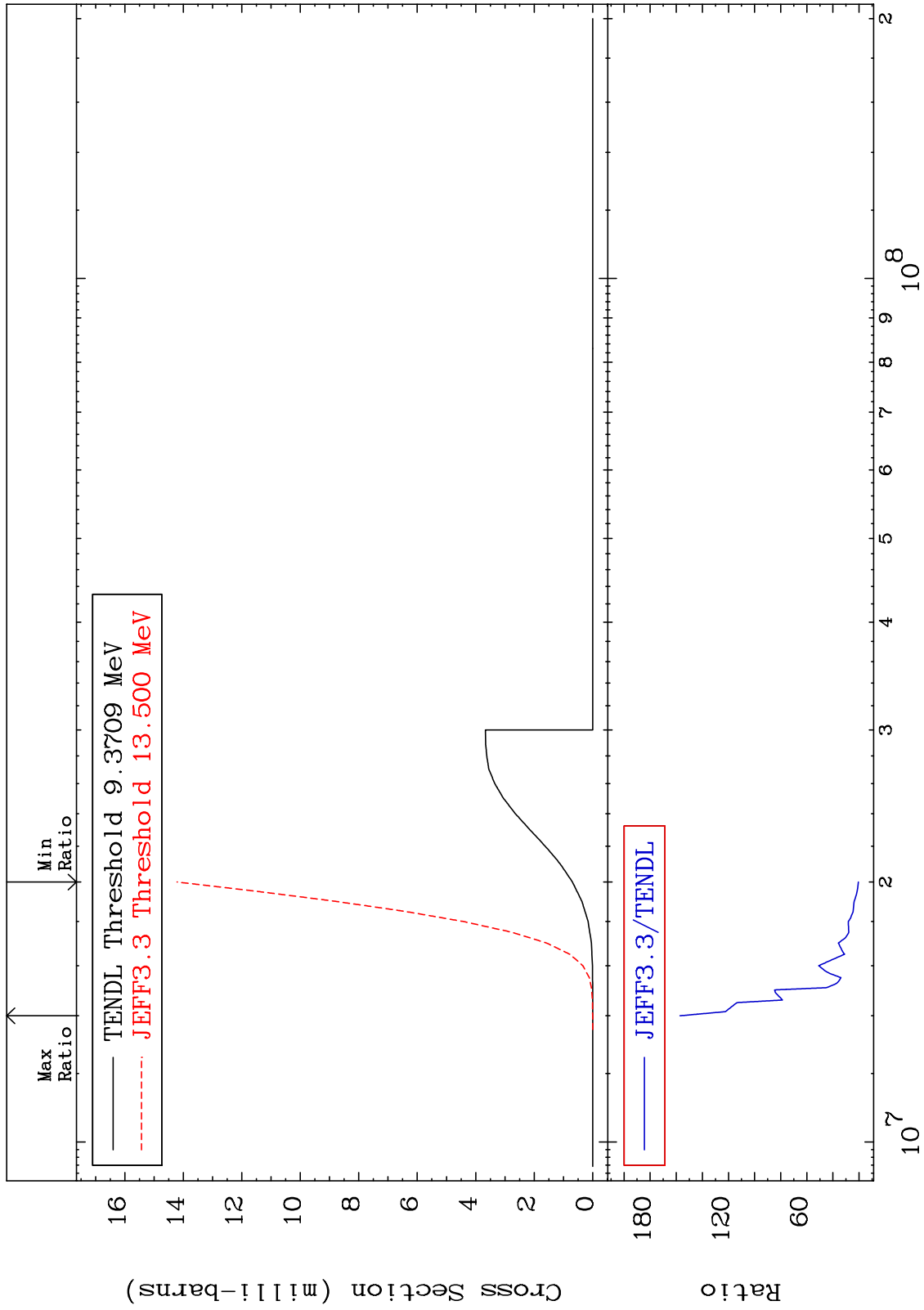


30

Incident Energy (eV)

54-Xe-134

MAT 5455 (n, t) Cross Section 54-Xe-134 To 9999. %
1950.



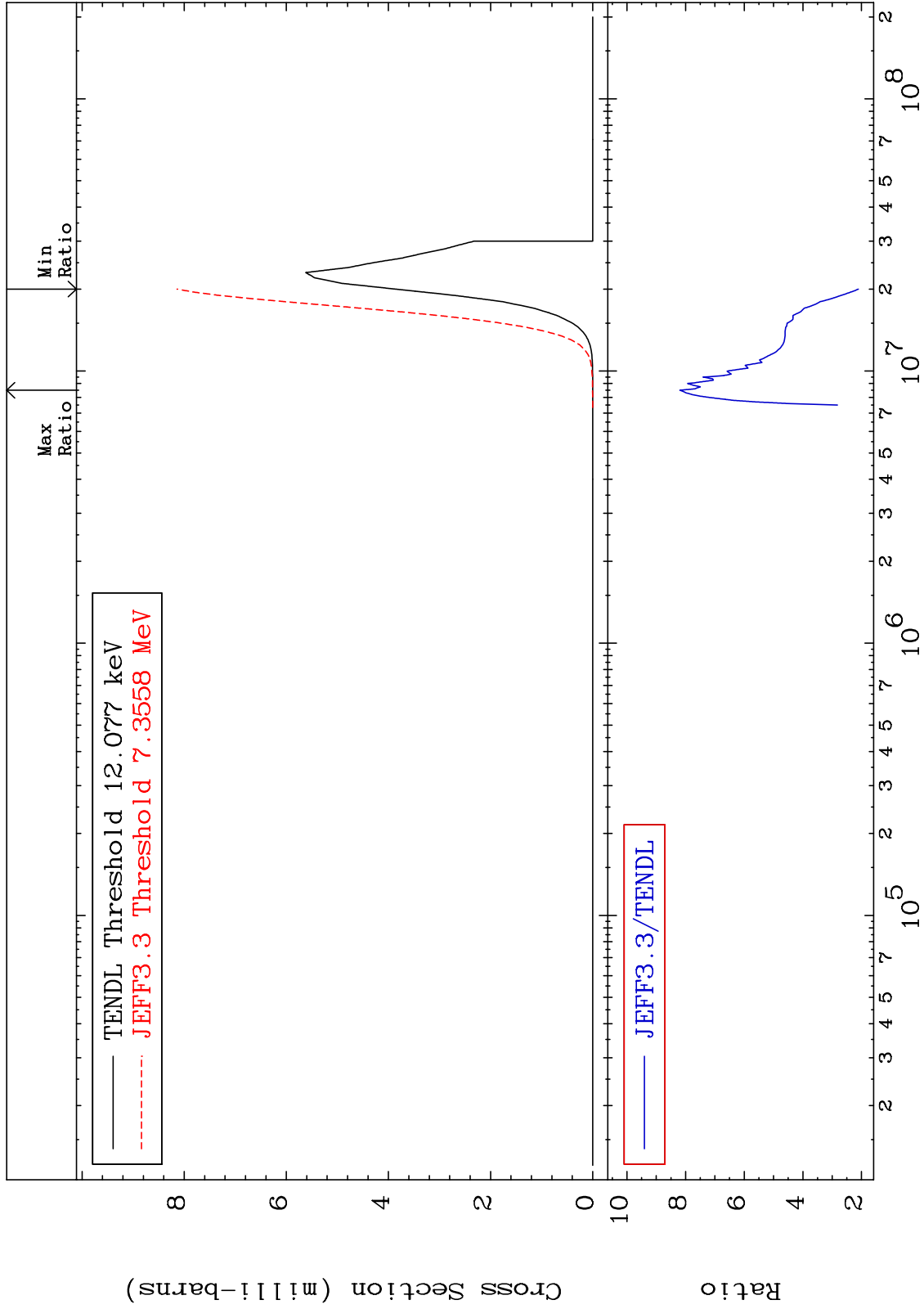
MAT 5455

(n, α)

54-Xe-134

Cross Section

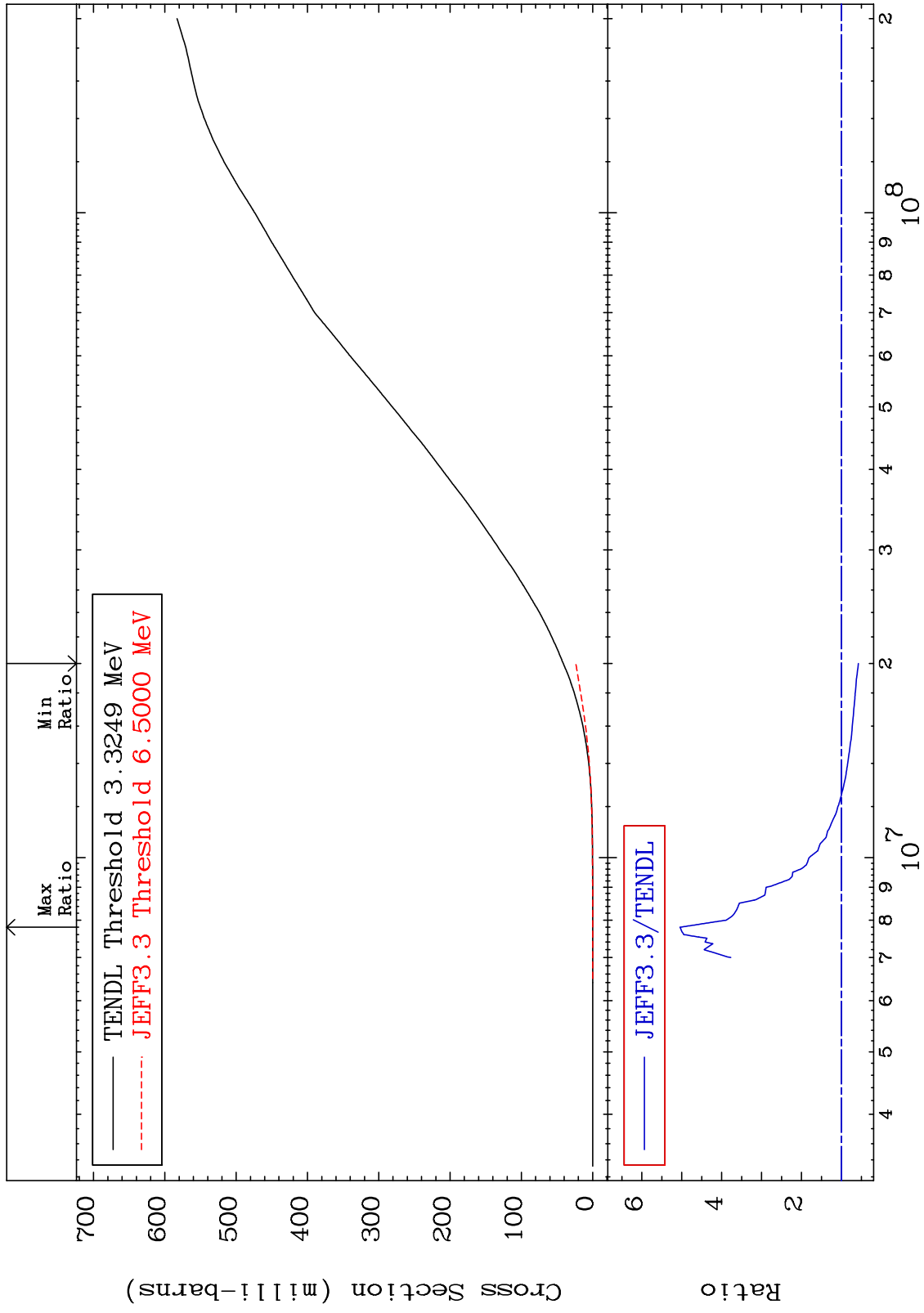
110.6 To 718.9 %



MAT 5455

Hydrogen Production
Cross Section

54-Xe-134
-42.66 To 404.3 %



33

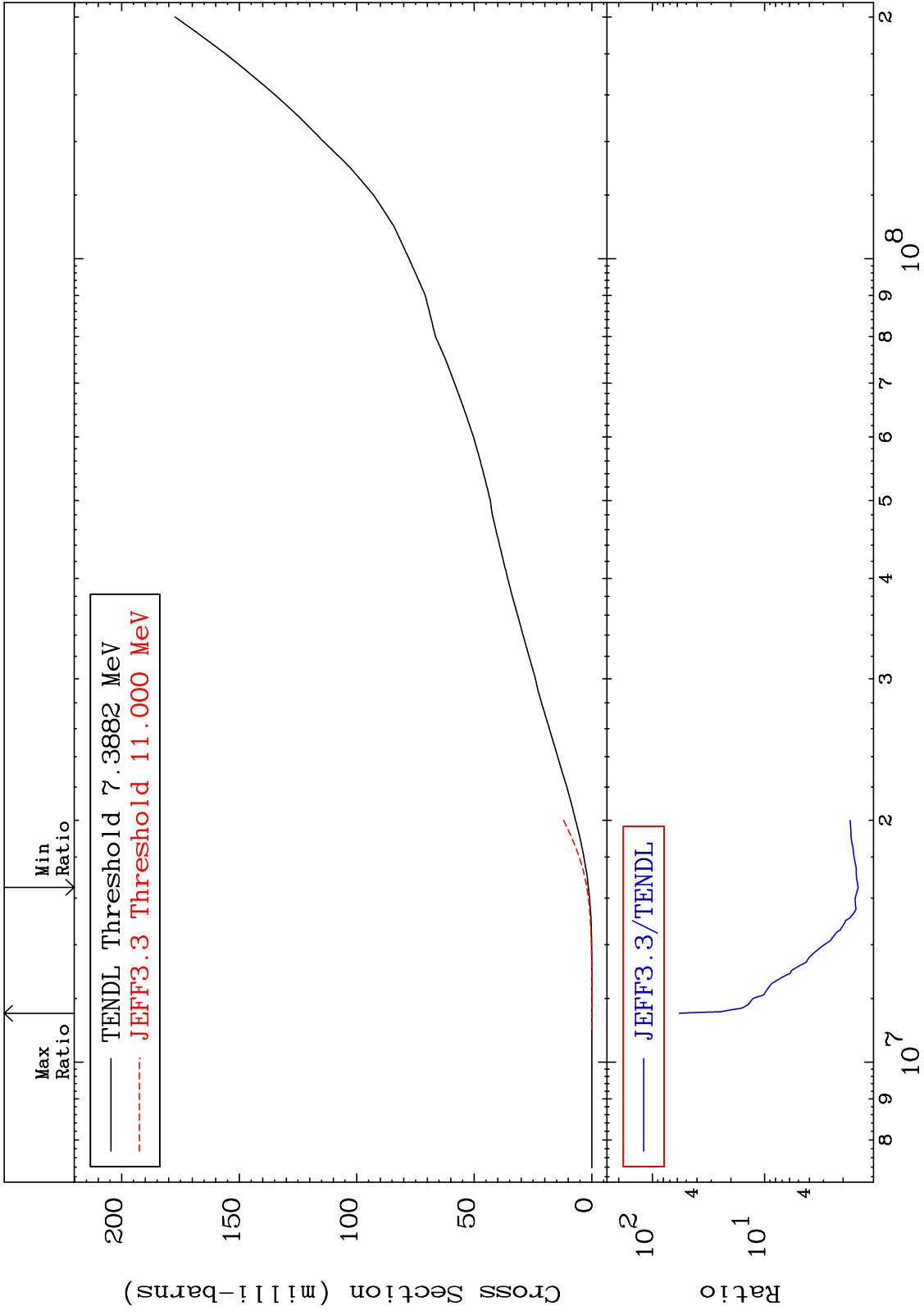
Incident Energy (eV)

54-Xe-134

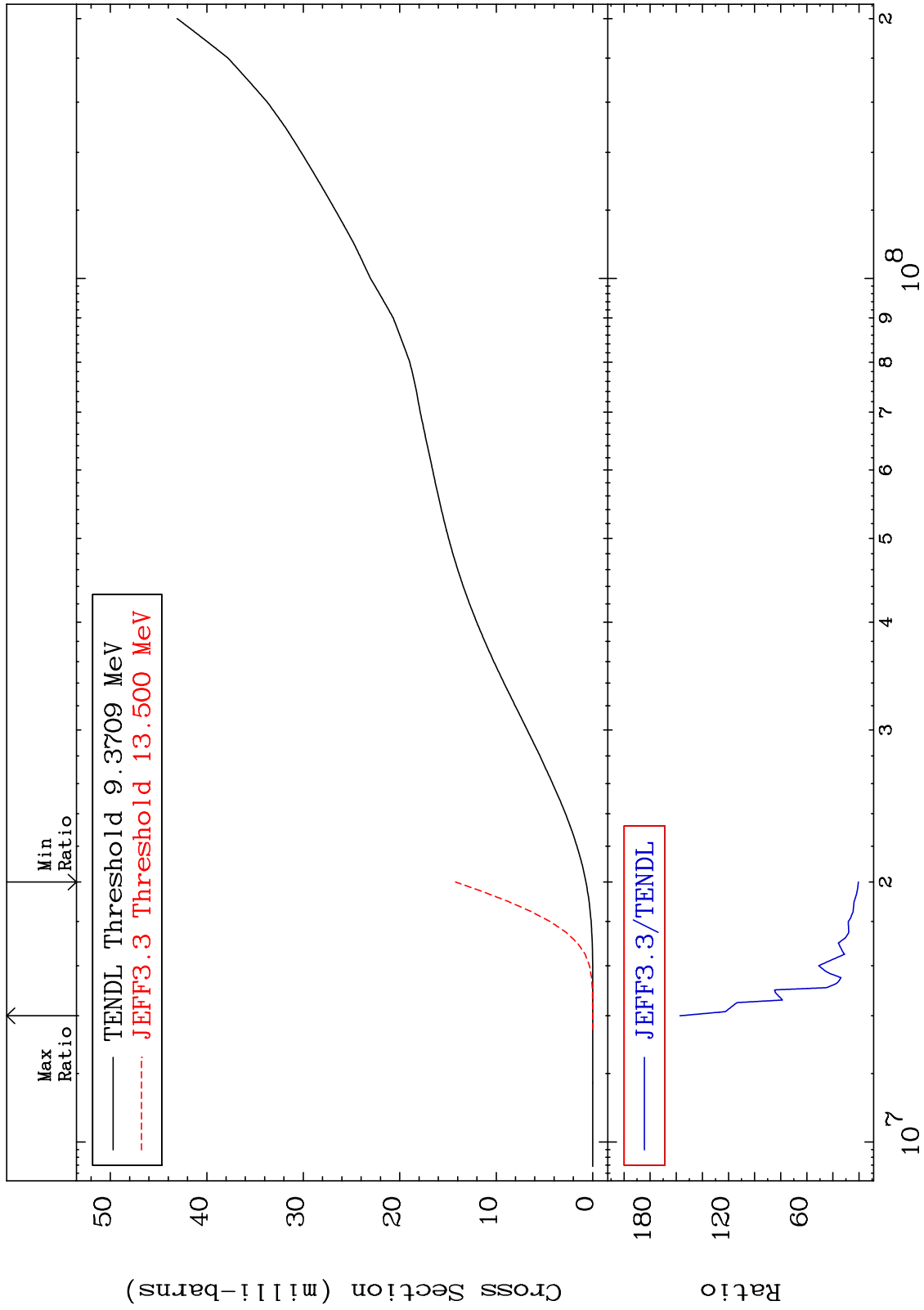
MAT 5455

Deuterium Production
Cross Section

54-Xe-134
46.70 To 5656. %



MAT 5455 Tritium Production Cross Section 54-Xe-134 1950. To 9999. %

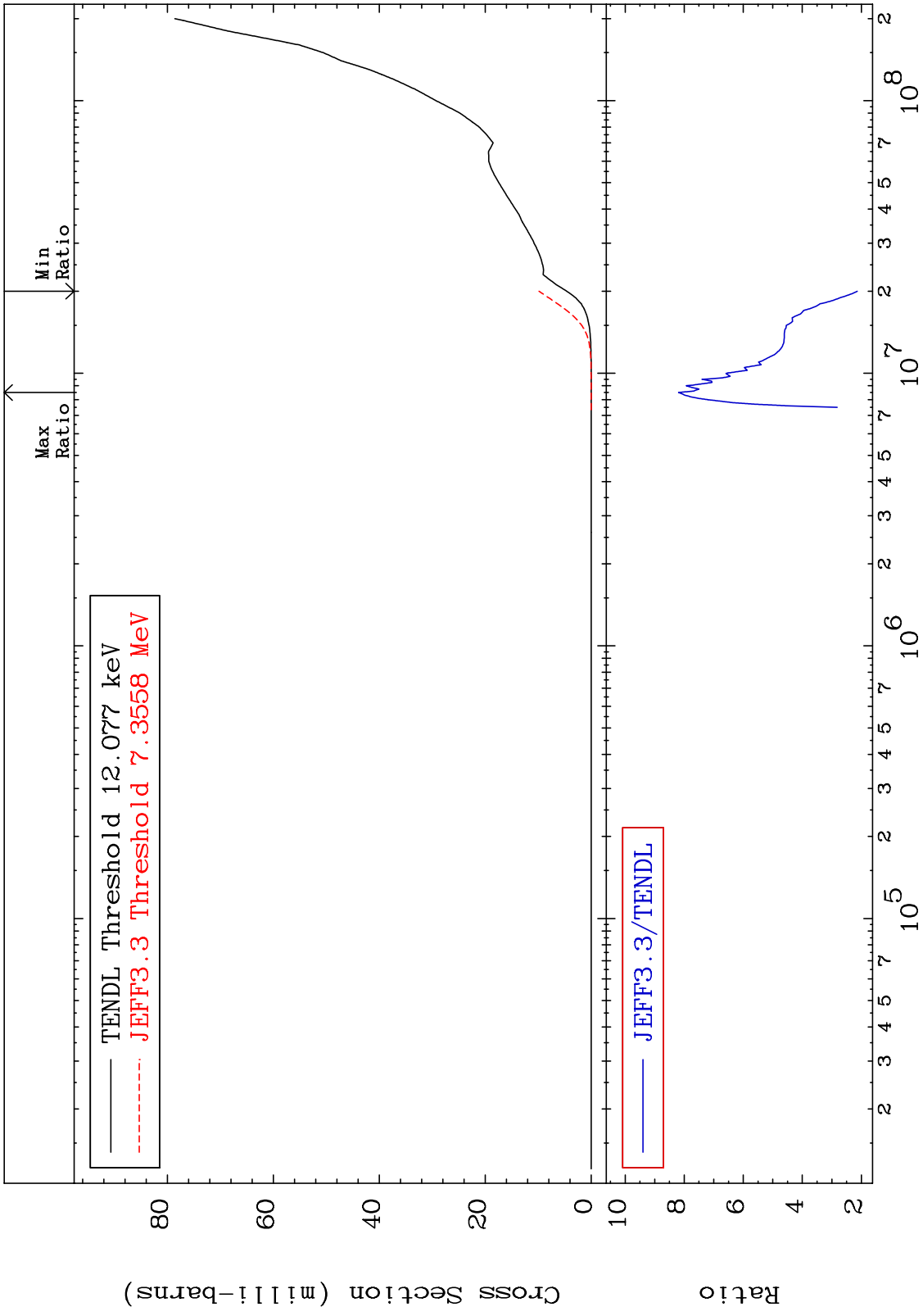


35 Incident Energy (eV) 54-Xe-134

MAT 5455

He-4 Production
Cross Section

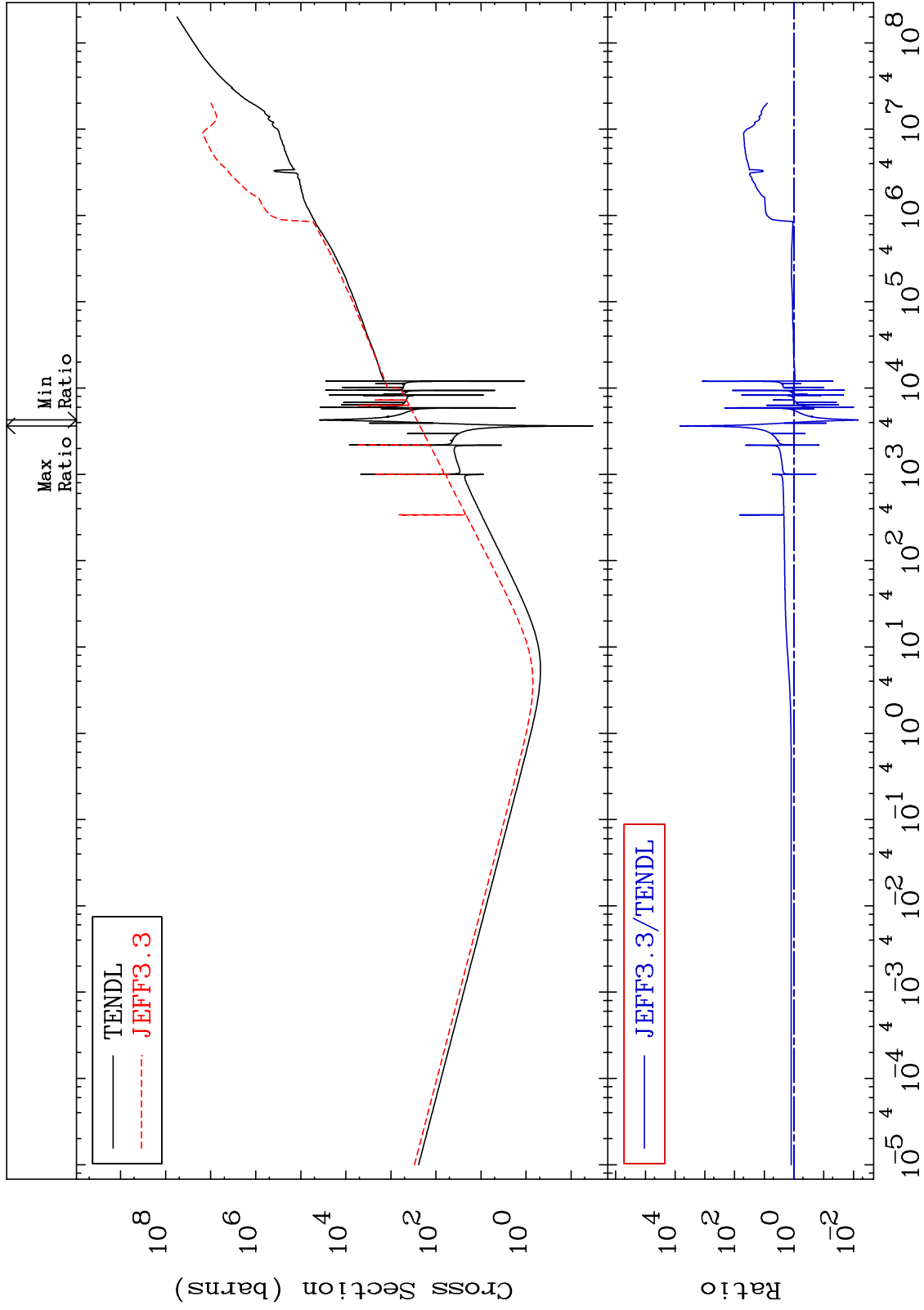
54-Xe-134
113.7 To 718.9 %



MAT 5455

Kerma total (eV-barns)
Cross Section

54-Xe-134
-99.32 To 9999. %



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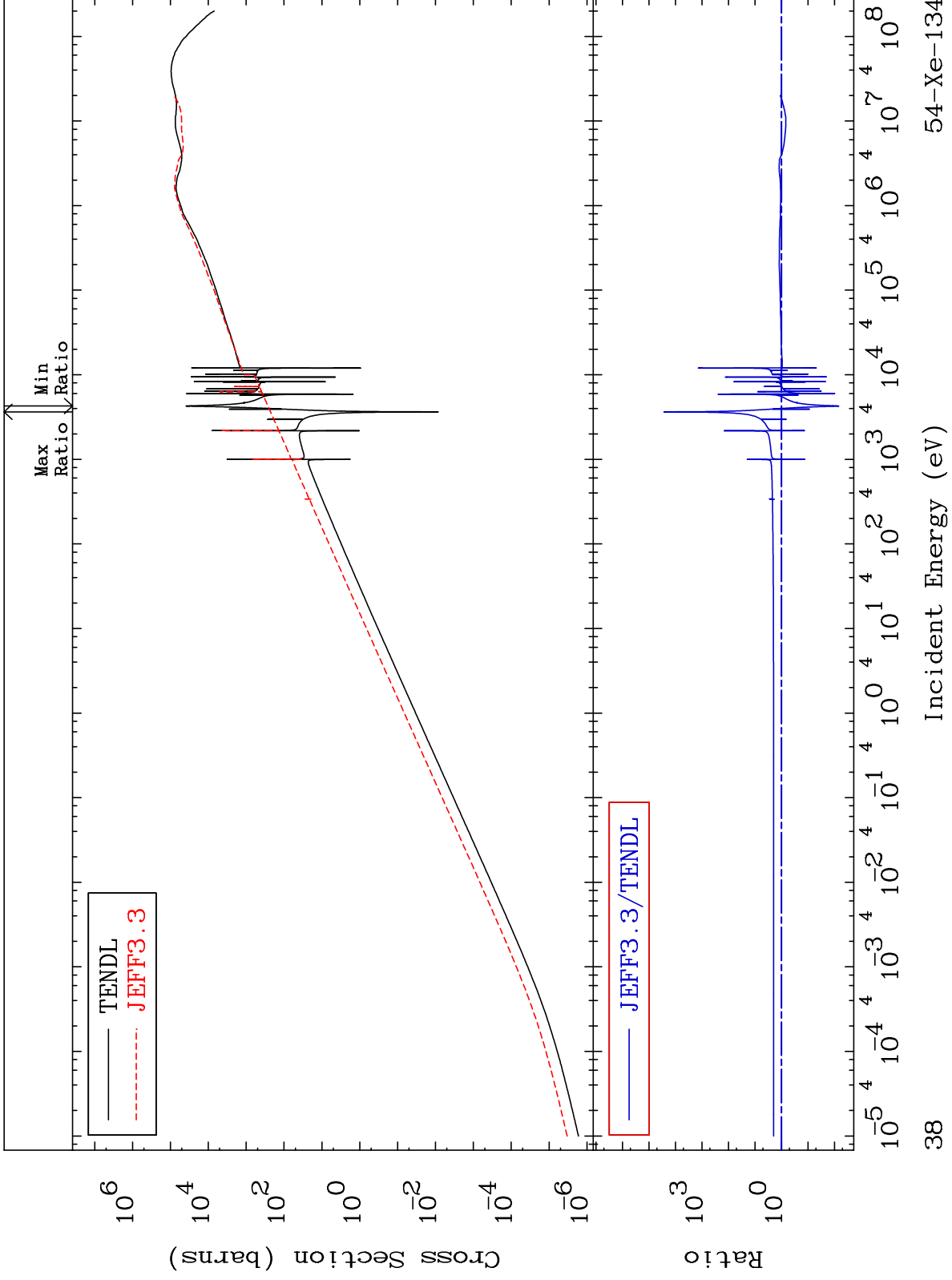
Incident Energy (eV)

54-Xe-134

MAT 5455

Kerma elastic
Cross Section

54-Xe-134
-99.32 To 9999. %



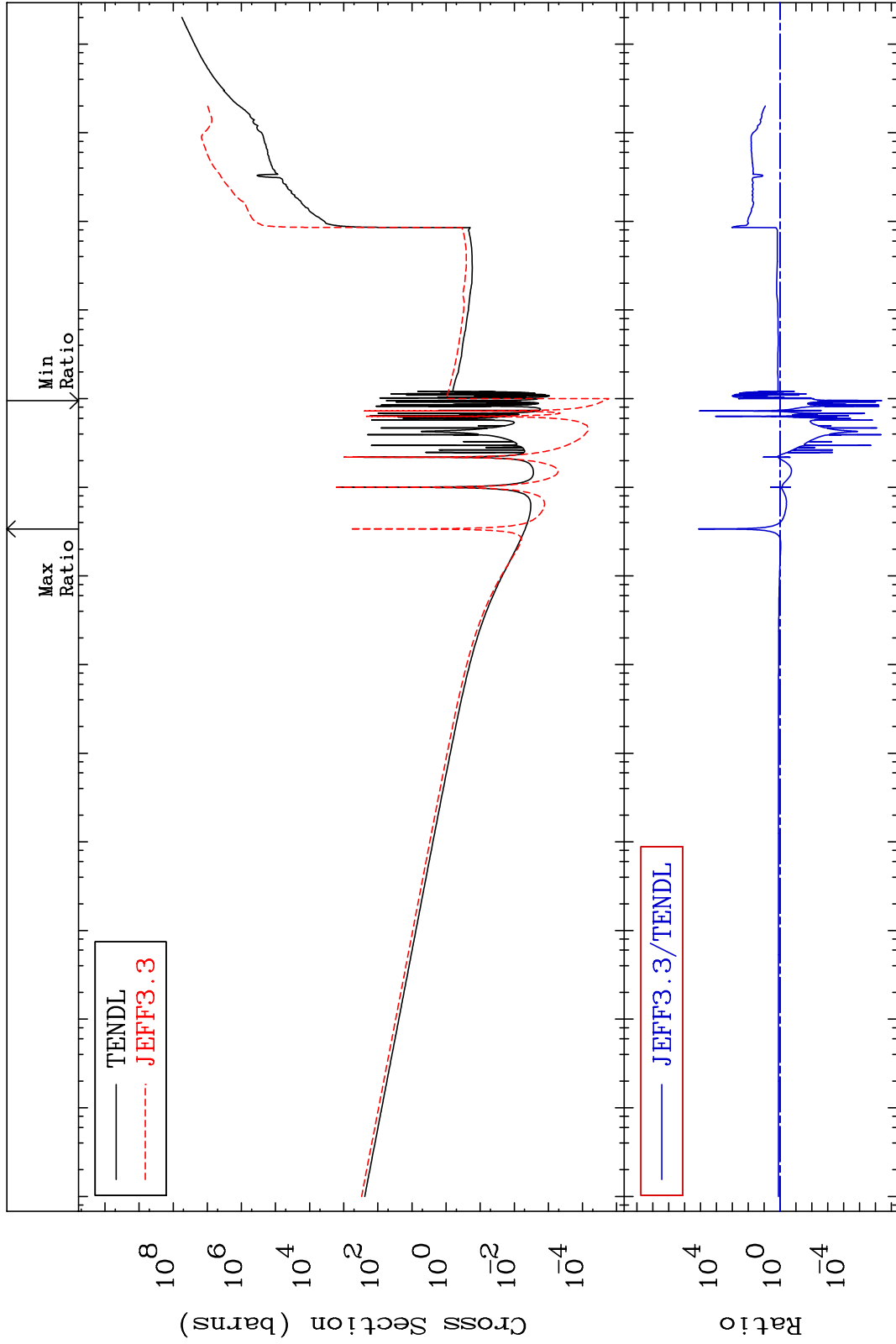
MAT 5455

Kerma non-elastic (all but mt2)

54-Xe-134

-100.0 To 9999. %

Cross Section



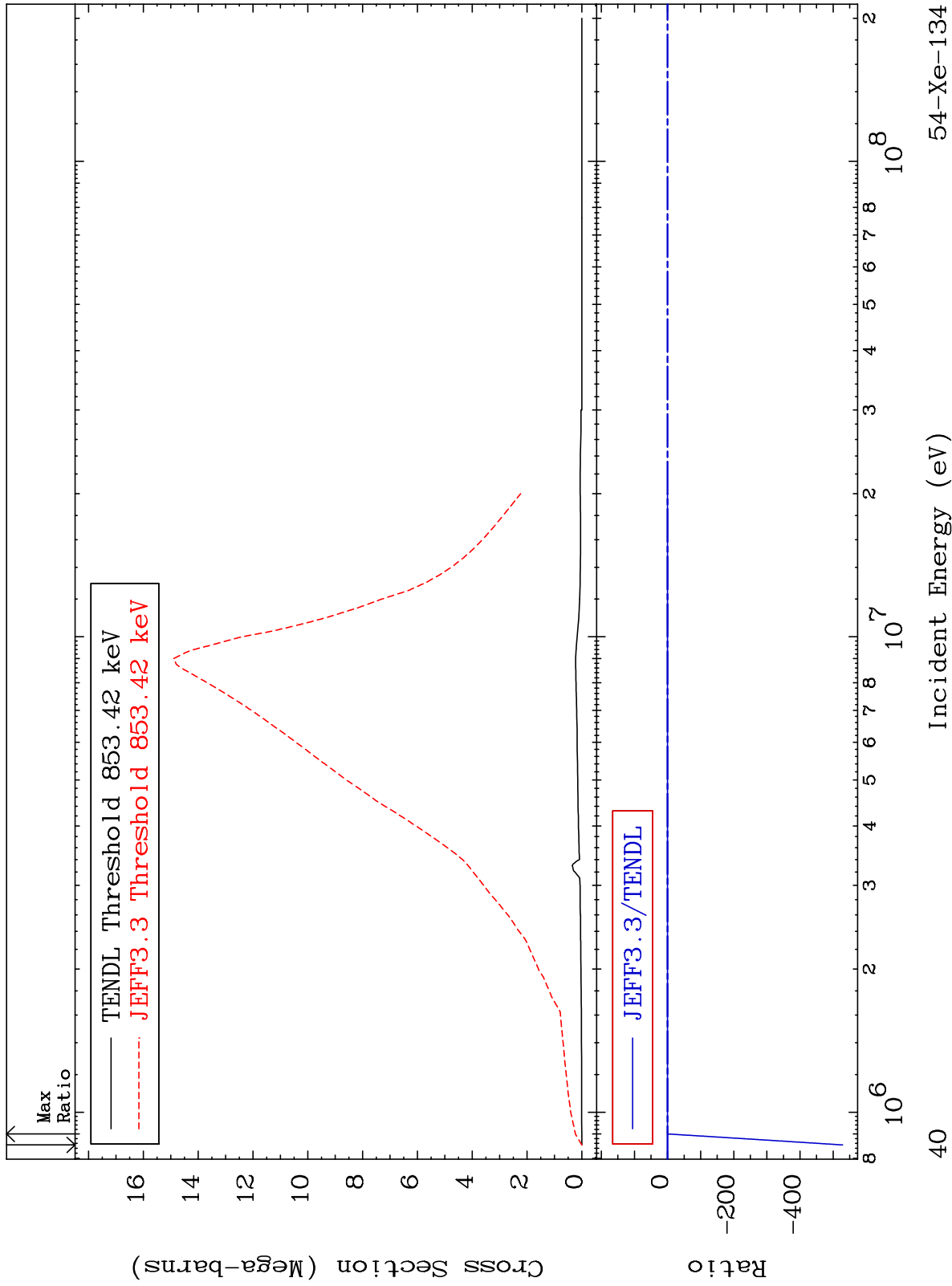
Incident Energy (eV)

54-Xe-134

MAT 5455

Kerma inelastic (mt51-91)
Cross Section

54-Xe-134
-9999. To 9999. %

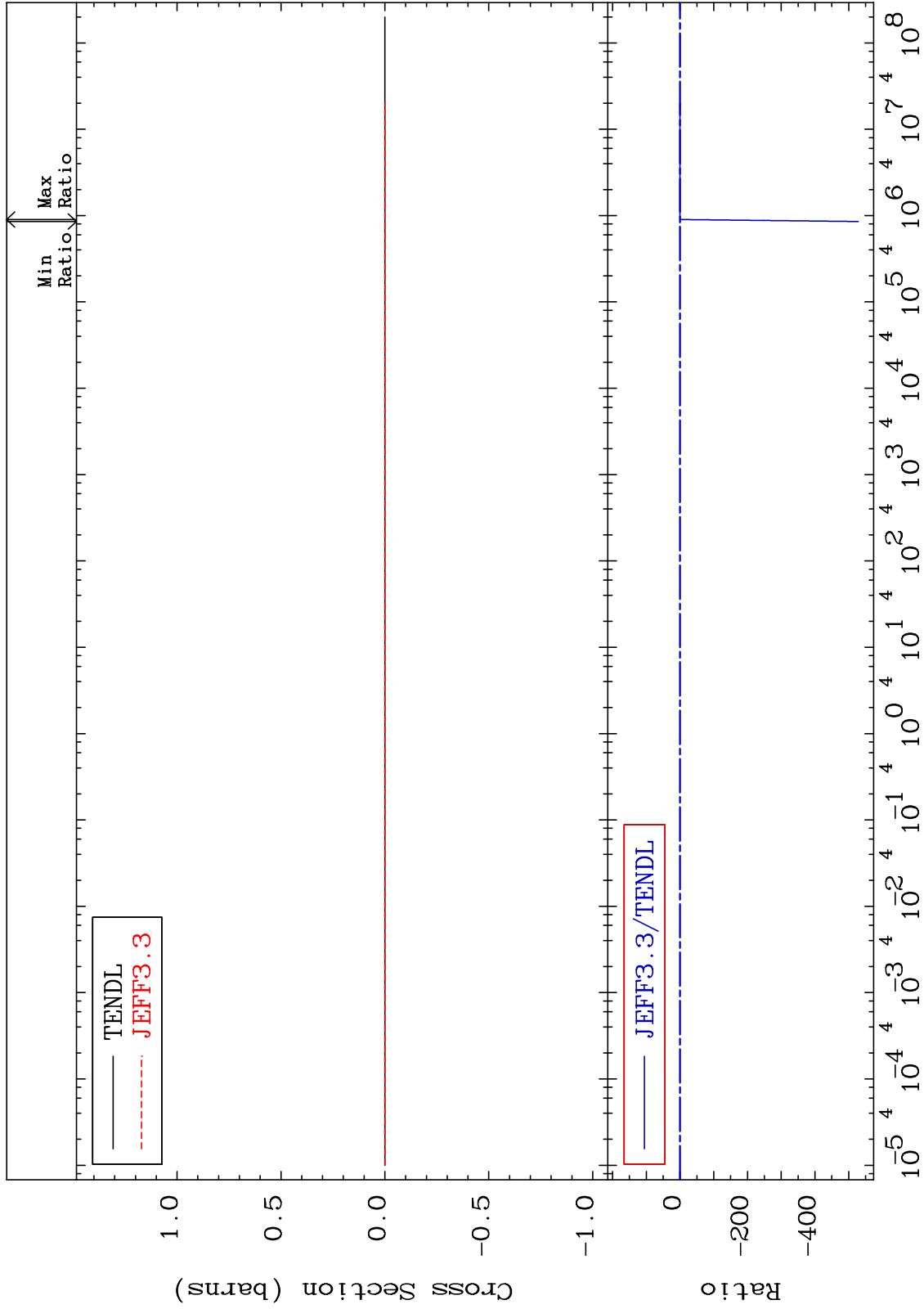


54-Xe-134

MAT 5455

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

54-Xe-134
-9999. To 9999. %



41

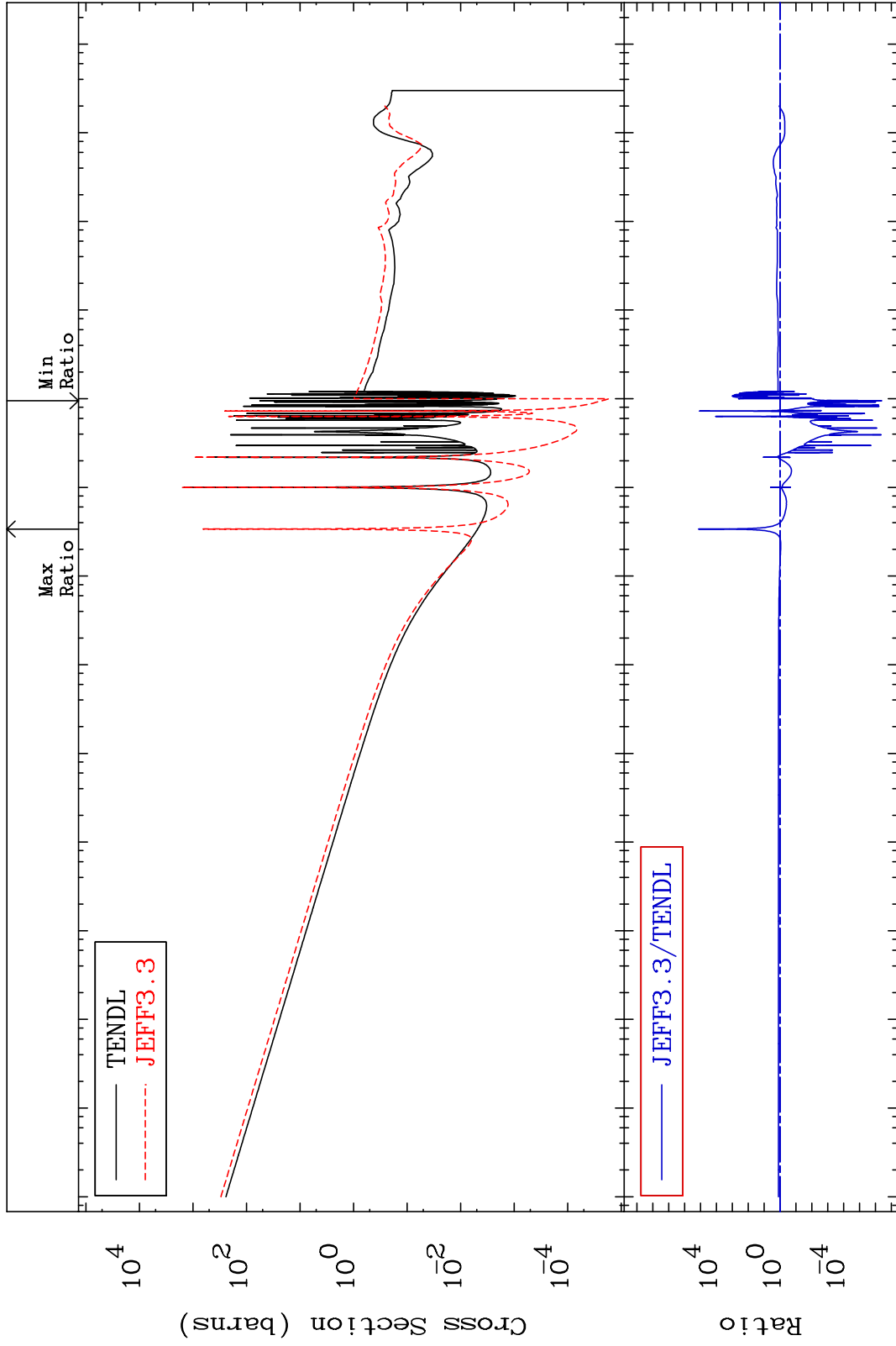
Incident Energy (eV)

54-Xe-134

MAT 5455

Kerma capture (mt102)
Cross Section

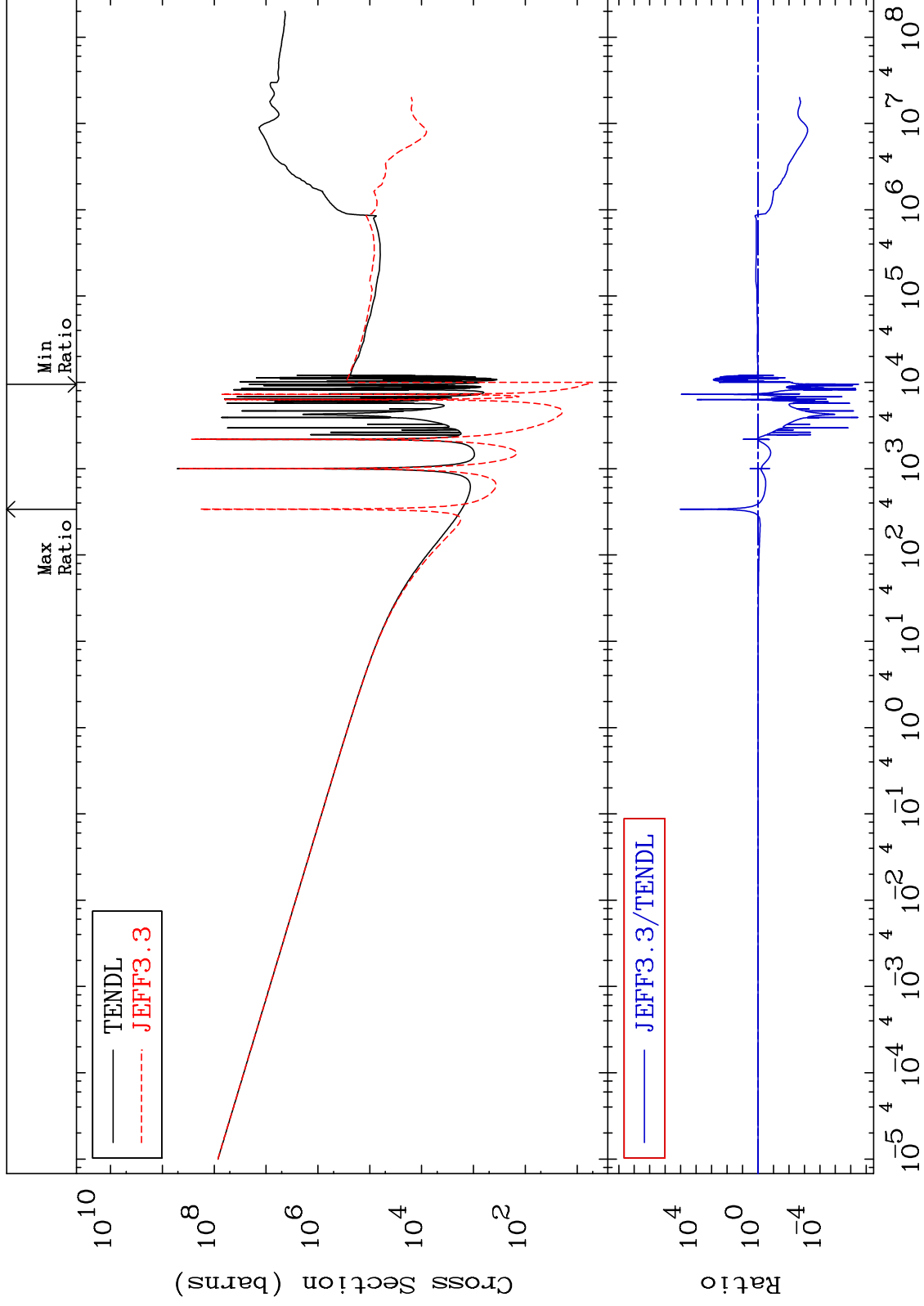
54-Xe-134
-100.0 To 9999. %



MAT 5455

Total photon (eV-barns)
Cross Section

54-Xe-134
-100.0 To 9999. %



43

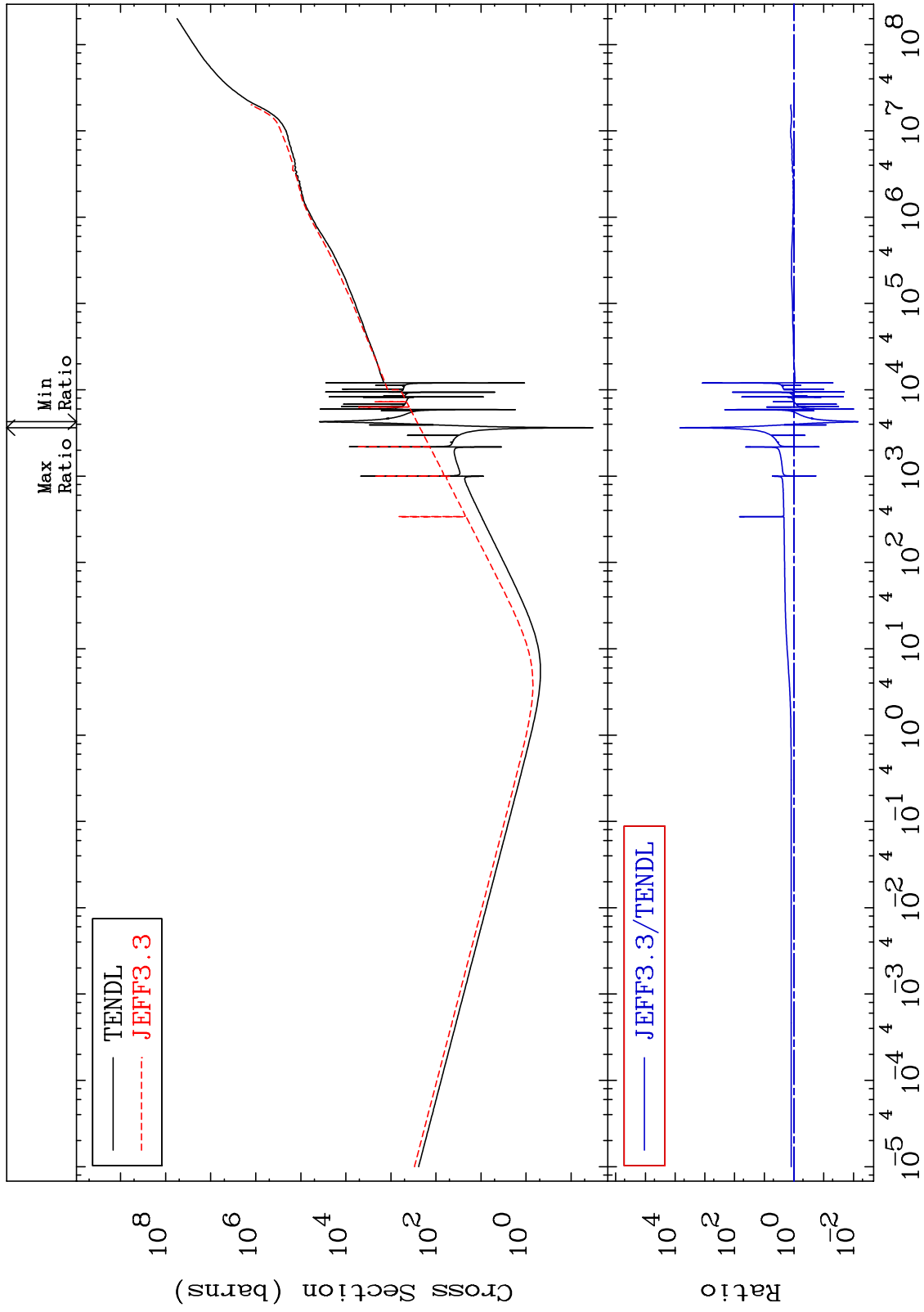
Incident Energy (eV)

54-Xe-134

MAT 5455

Total kinematic kerma (high limit)
Cross Section

54-Xe-134
-99.32 To 9999. %



44

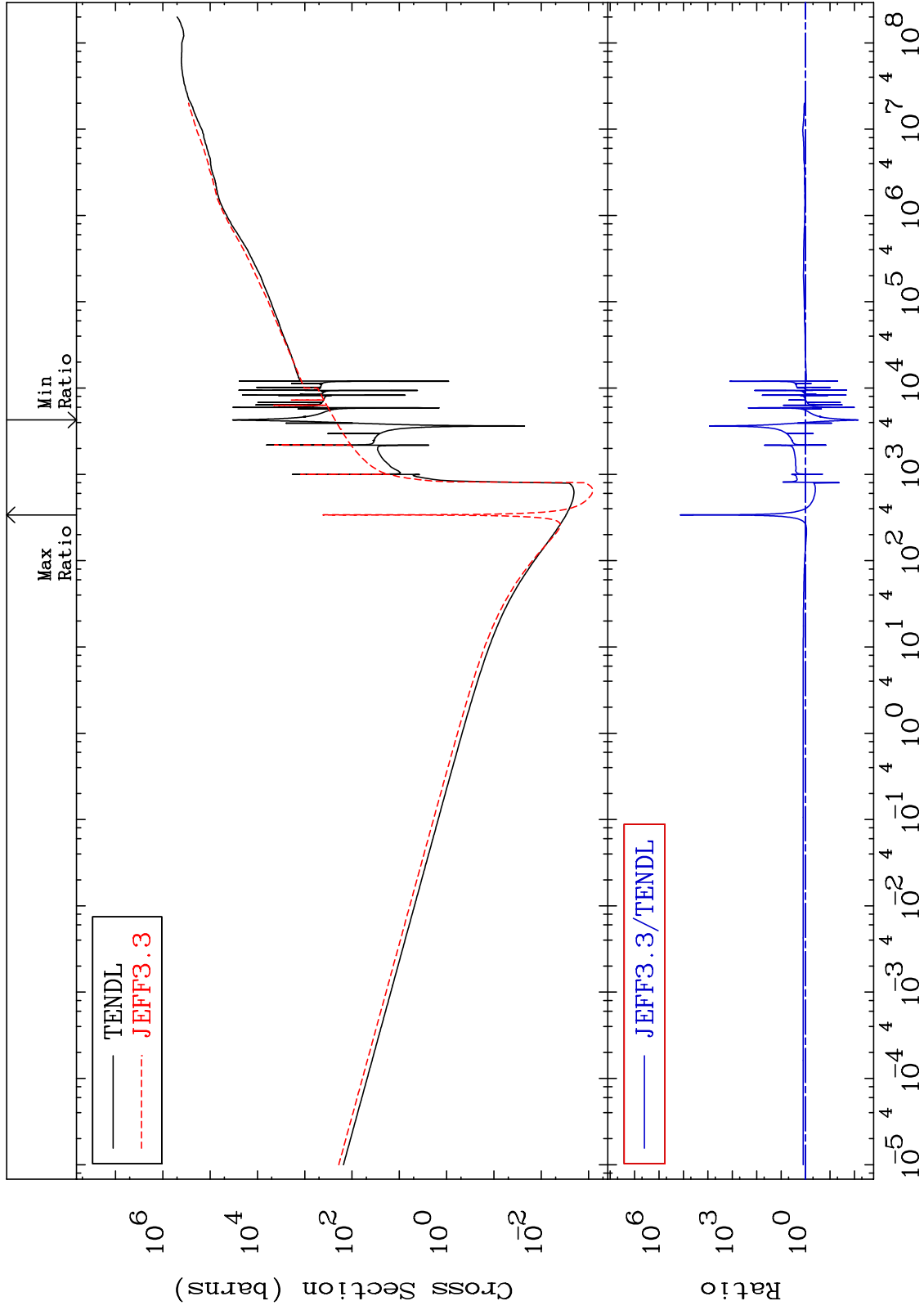
Incident Energy (eV)

54-Xe-134

MAT 5455

Dpa total (eV-barns)
Cross Section

54-Xe-134
-99.31 To 9999. %



45

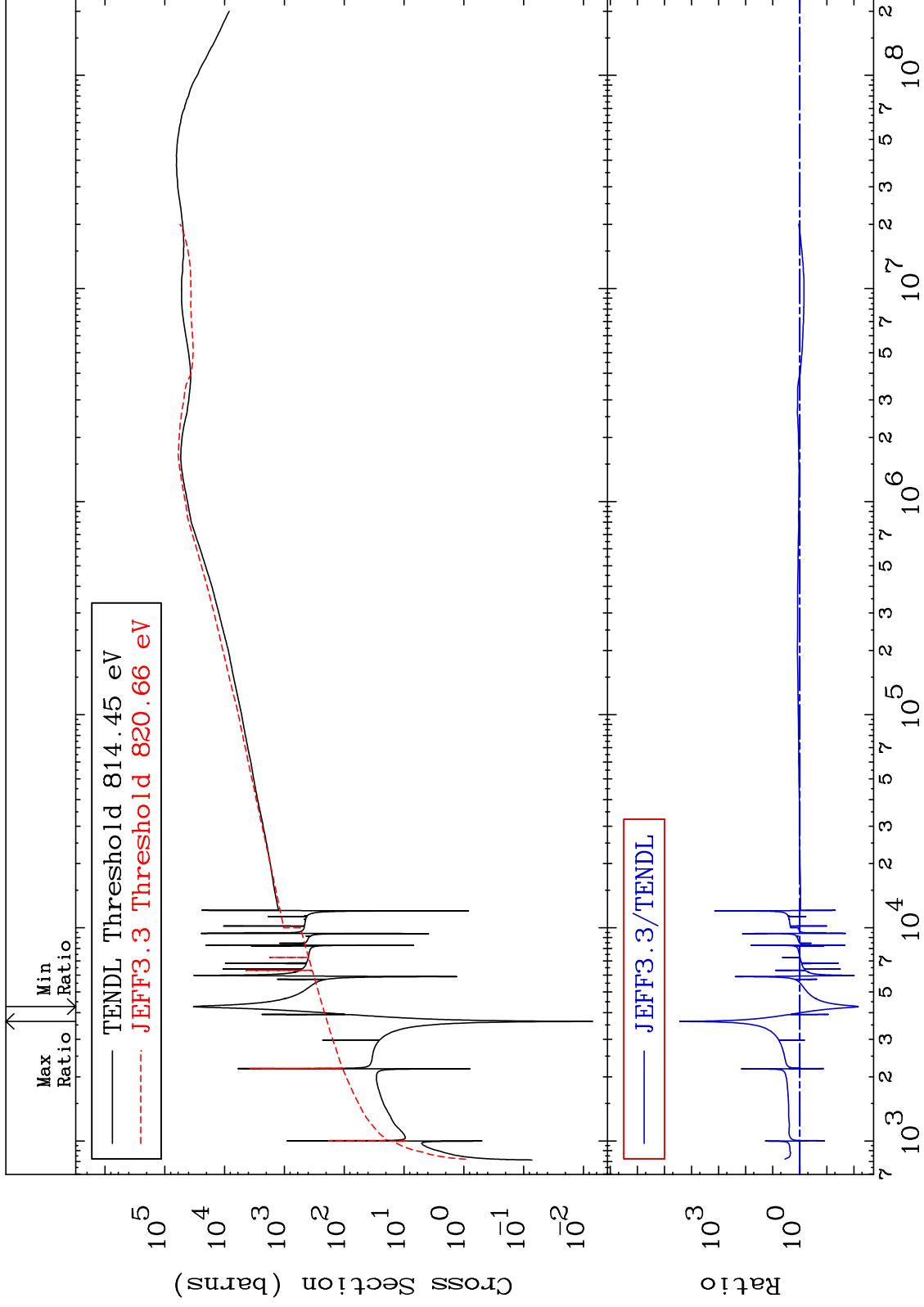
Incident Energy (eV)

54-Xe-134

MAT 5455

Dpa elastic (mt2)
Cross Section

54-Xe-134
-99.31 To 9999. %



46

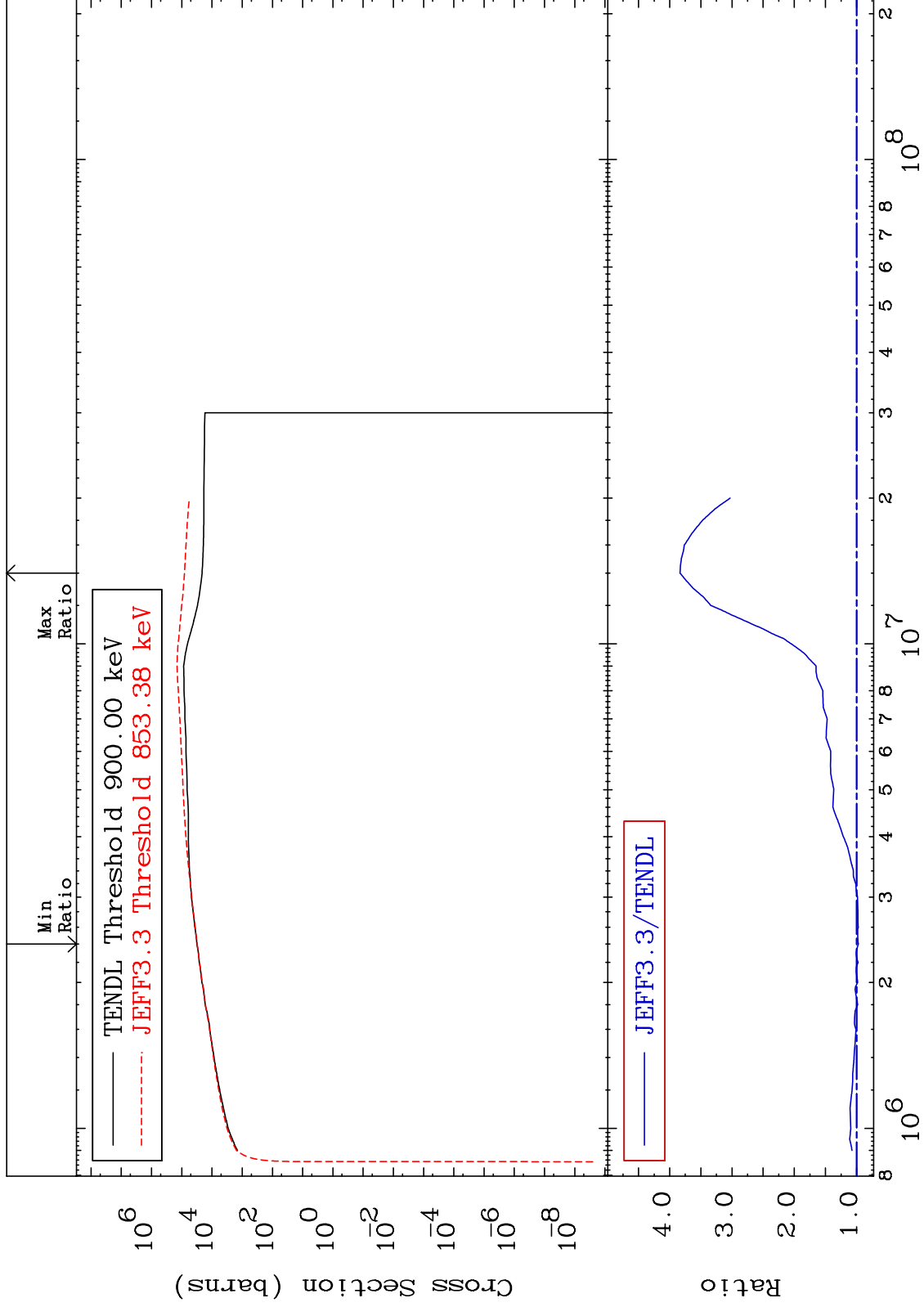
Incident Energy (eV)

54-Xe-134

MAT 5455

Dpa inelastic (mt51-91)
Cross Section

54-Xe-134
-2.882 To 283.4 %



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Incident Energy (eV)

54-Xe-134

MAT 5455

Dpa disappearance (mt102 -120)
Cross Section

54-Xe-134
-100.0 To 9999. %

