

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

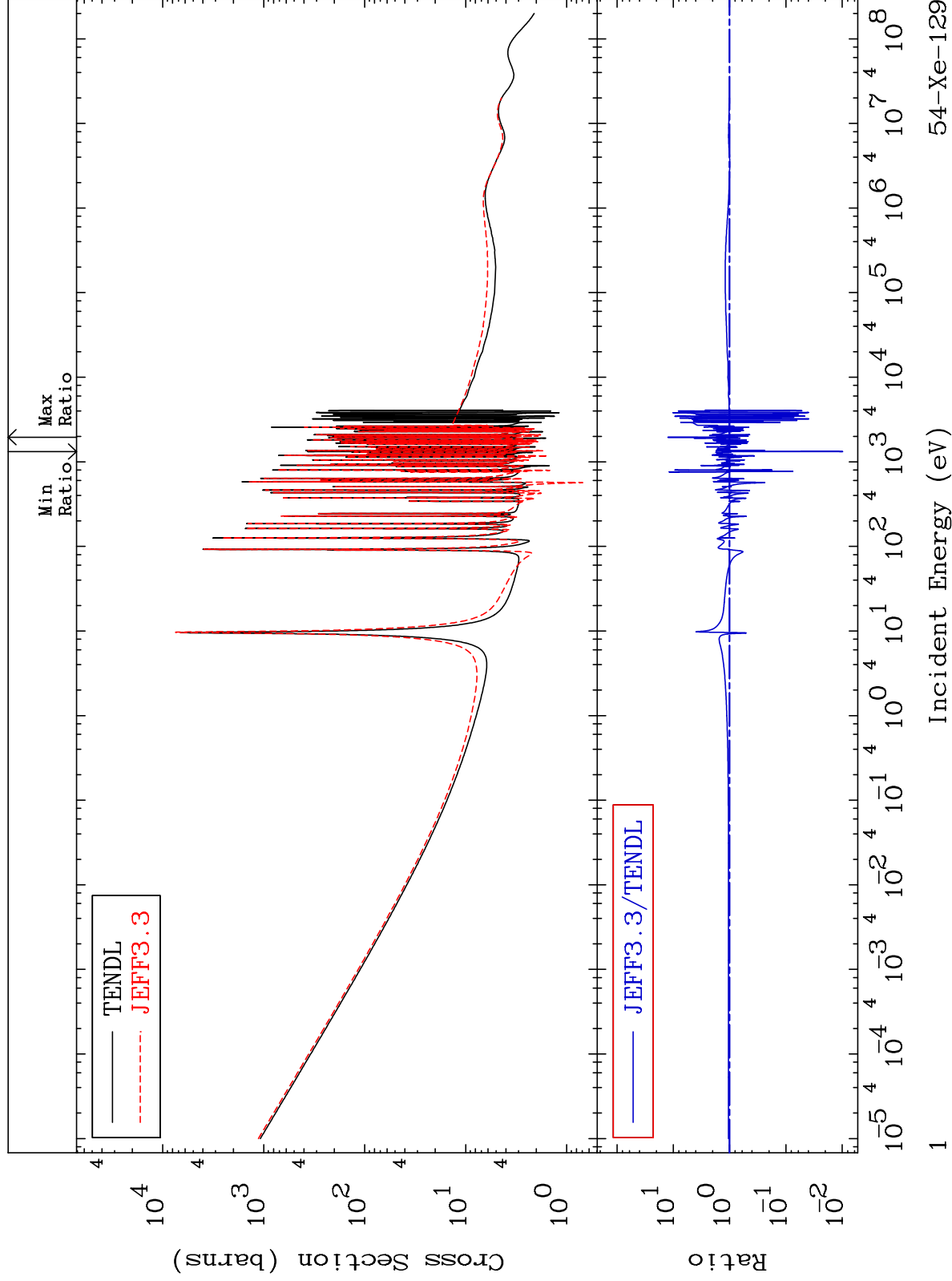
MAT 5440

Total

54-Xe-129

Cross Section

-99.03 To 1143. %



54-Xe-129

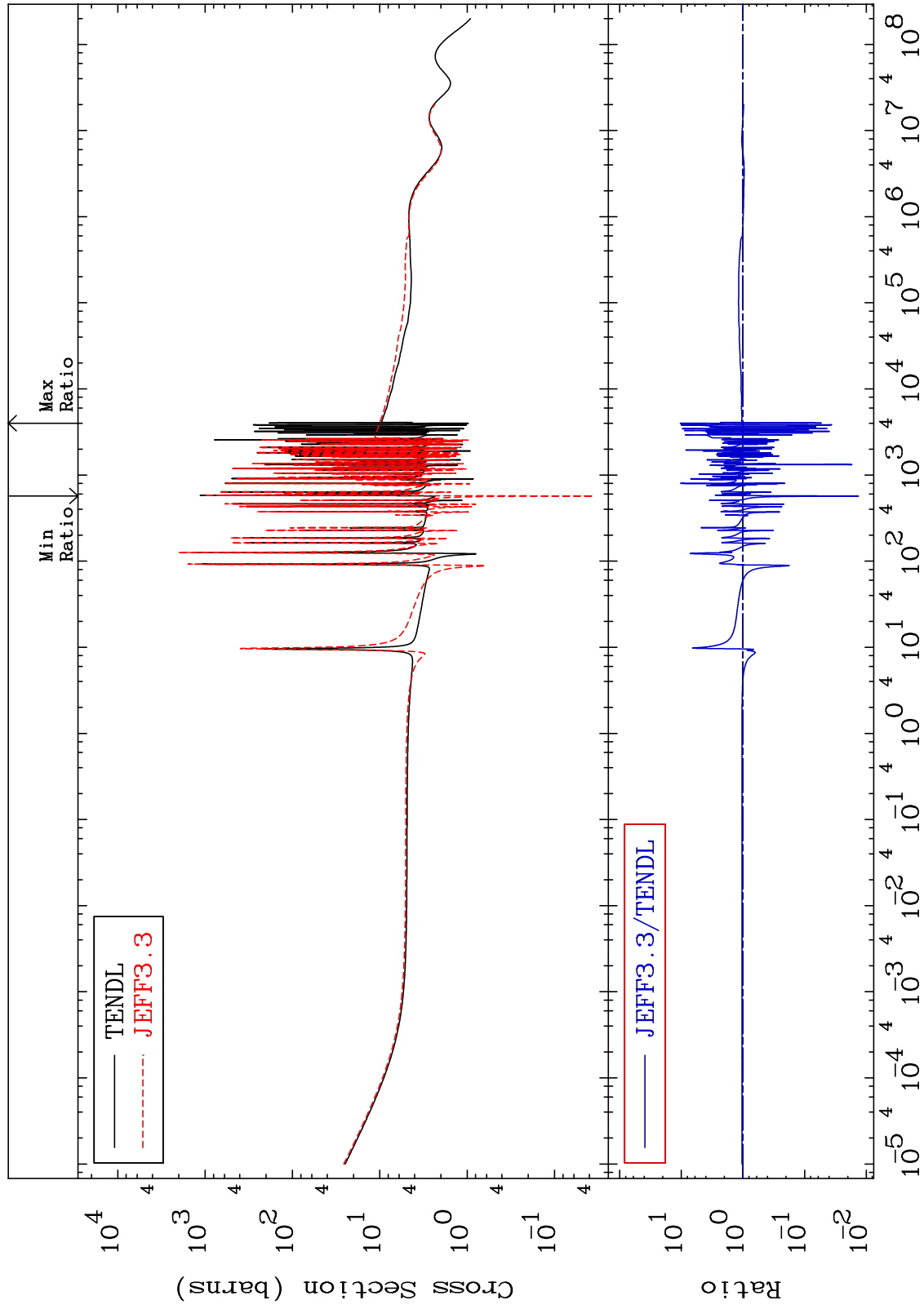
Incident Energy (eV)

1

MAT 5440

Elastic
Cross Section

54-Xe-129
-98.66 To 932.7 %

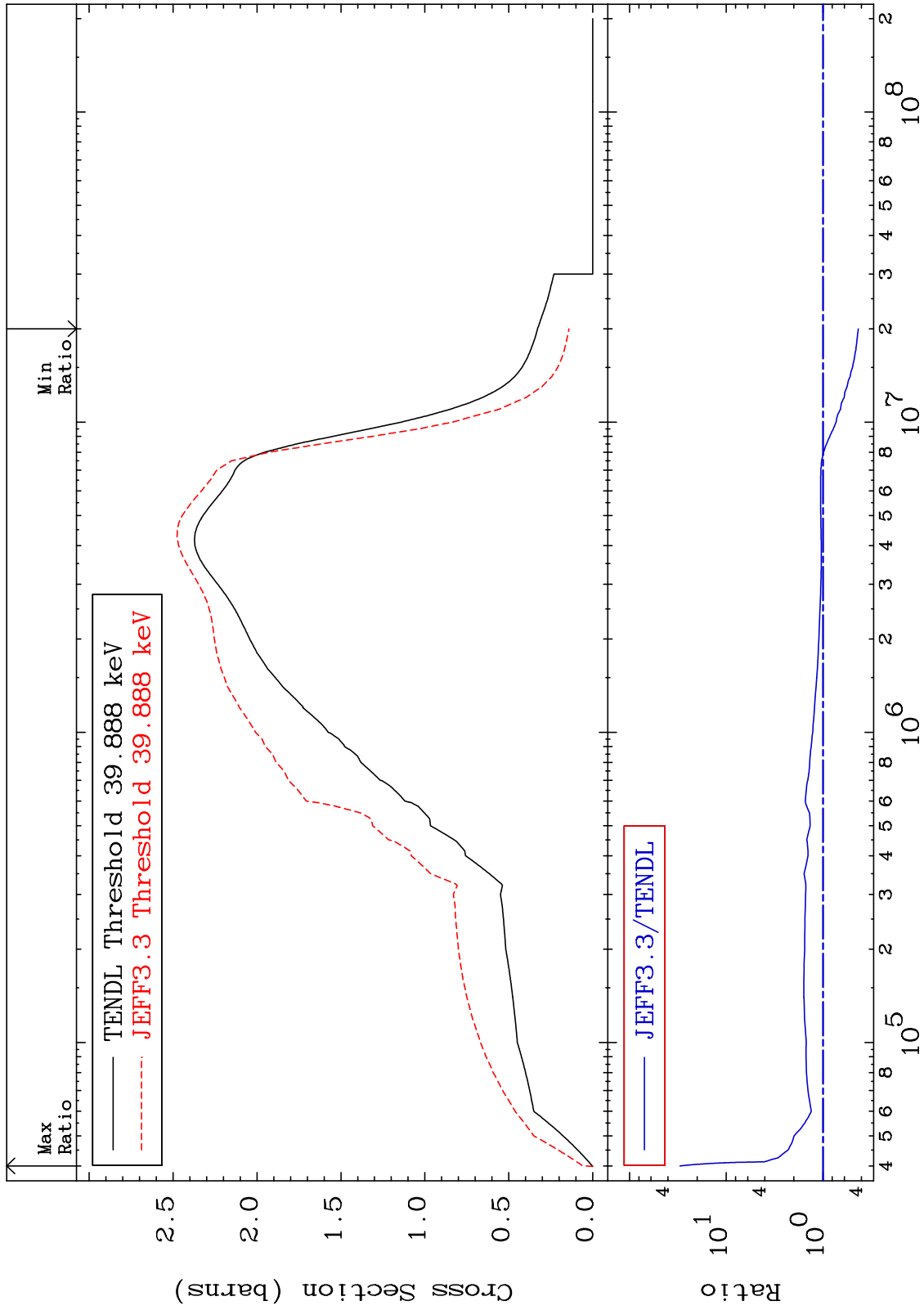


2

Incident Energy (eV)

54-Xe-129

MAT 5440 Inelastic Cross Section 54-Xe-129 -57.05 To 2909. %



3 Incident Energy (eV) 54-Xe-129

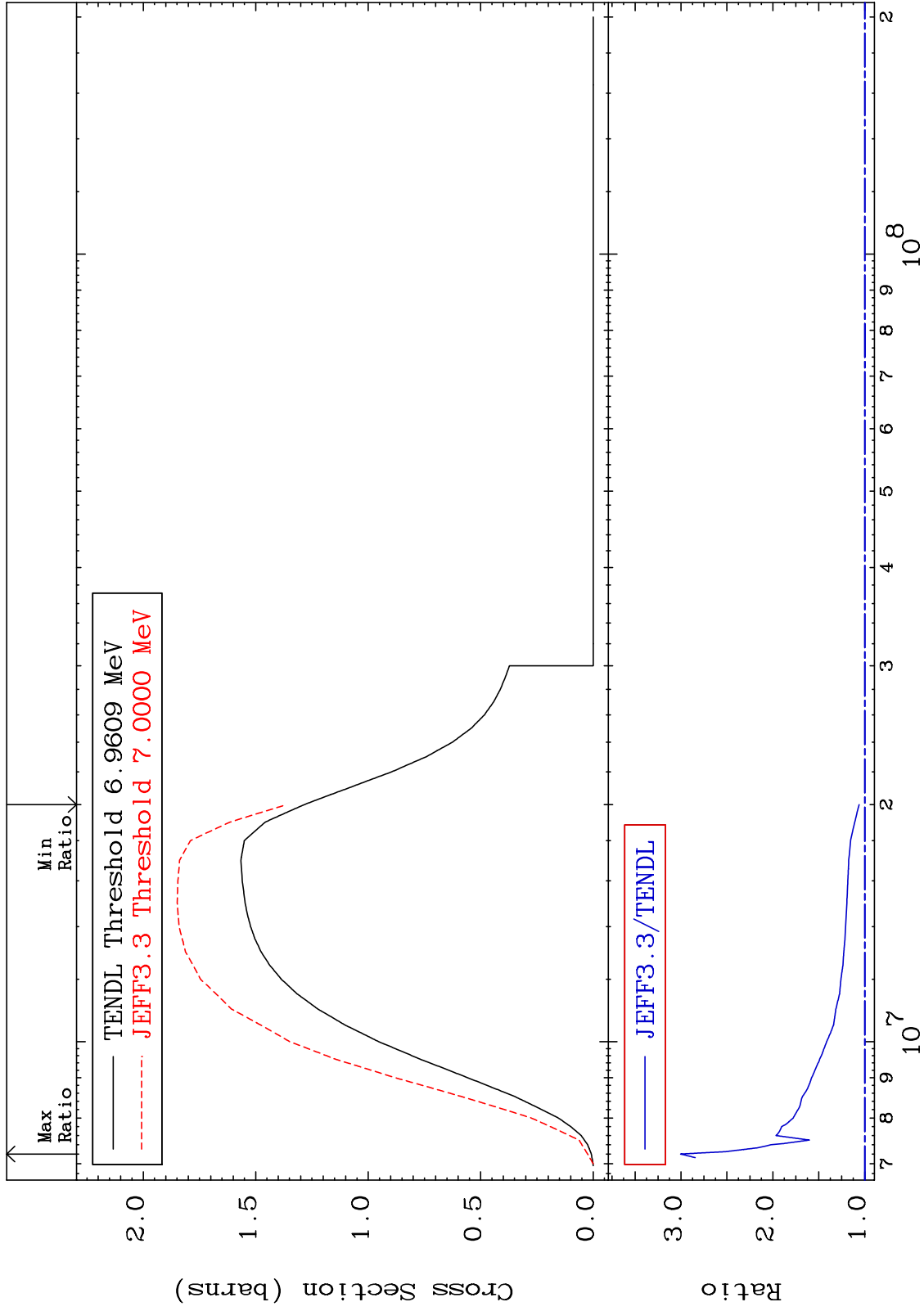
MAT 5440

(n,2n)

54-Xe-129

Cross Section

6.028 To 200.4 %



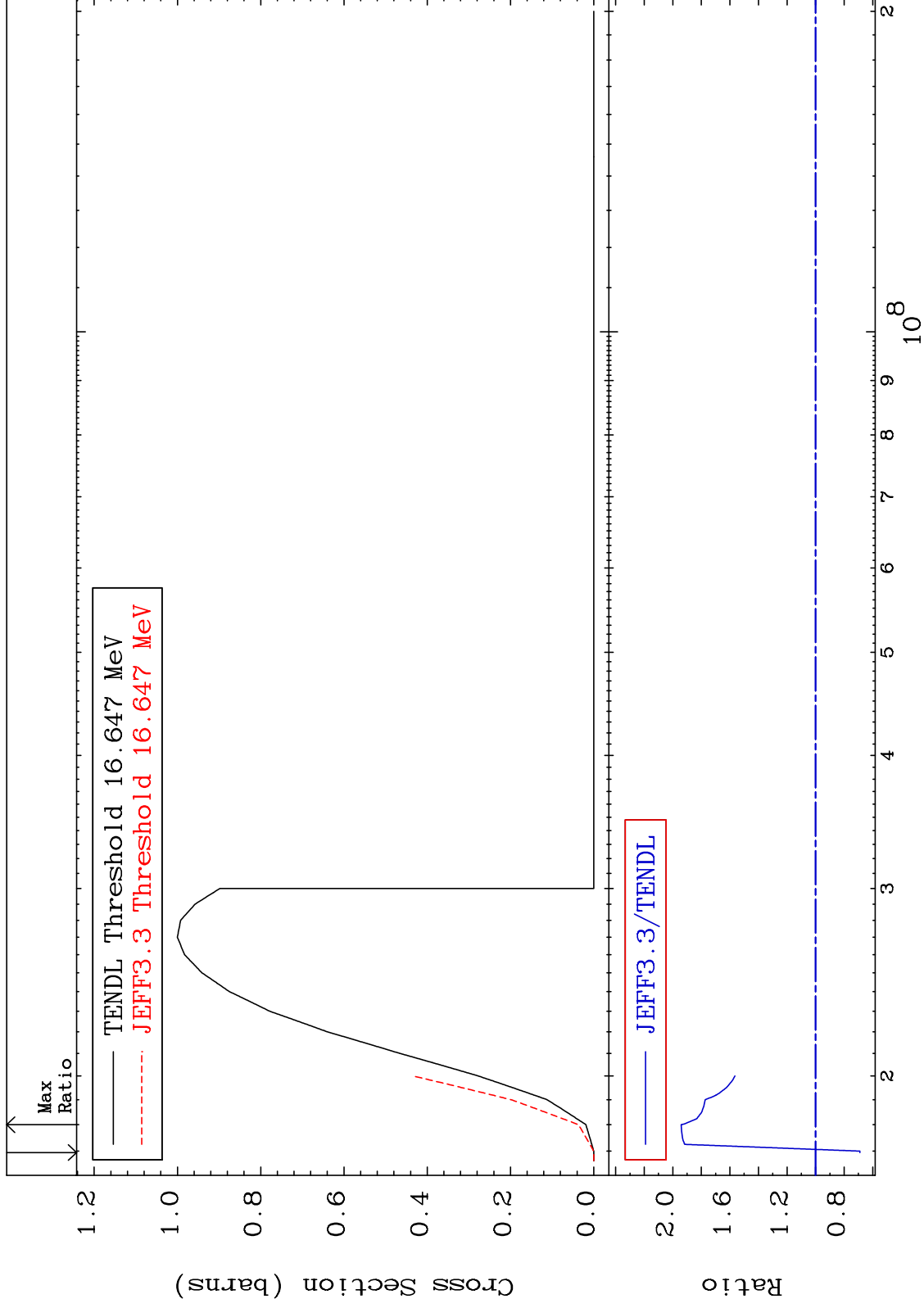
MAT 5440

(n,3n)

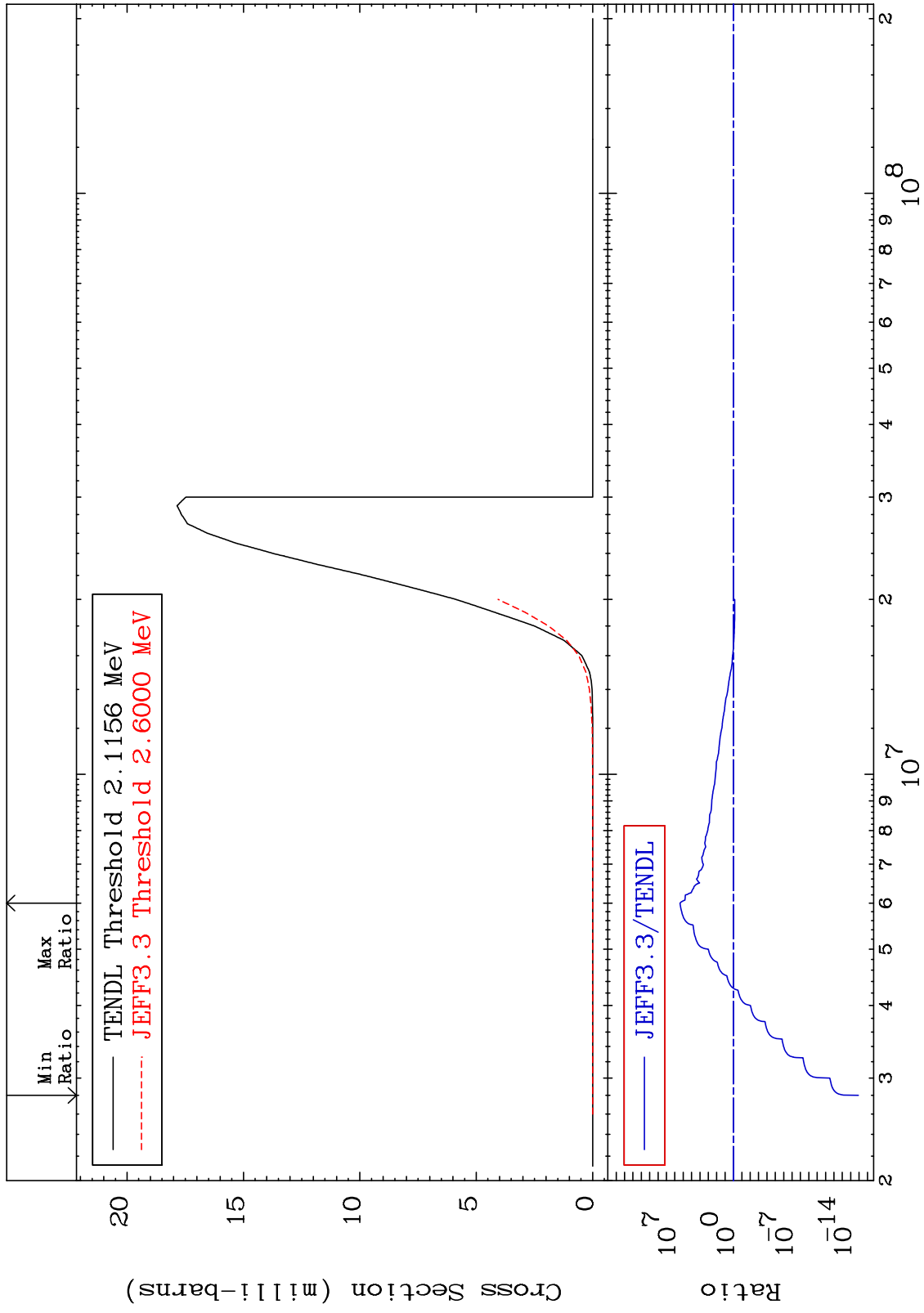
54-Xe-129

Cross Section

-31.03 To 94.08 %



MAT 5440 $(n, n') \alpha$ 54-Xe-129
Cross Section -100.0 To 9999. %



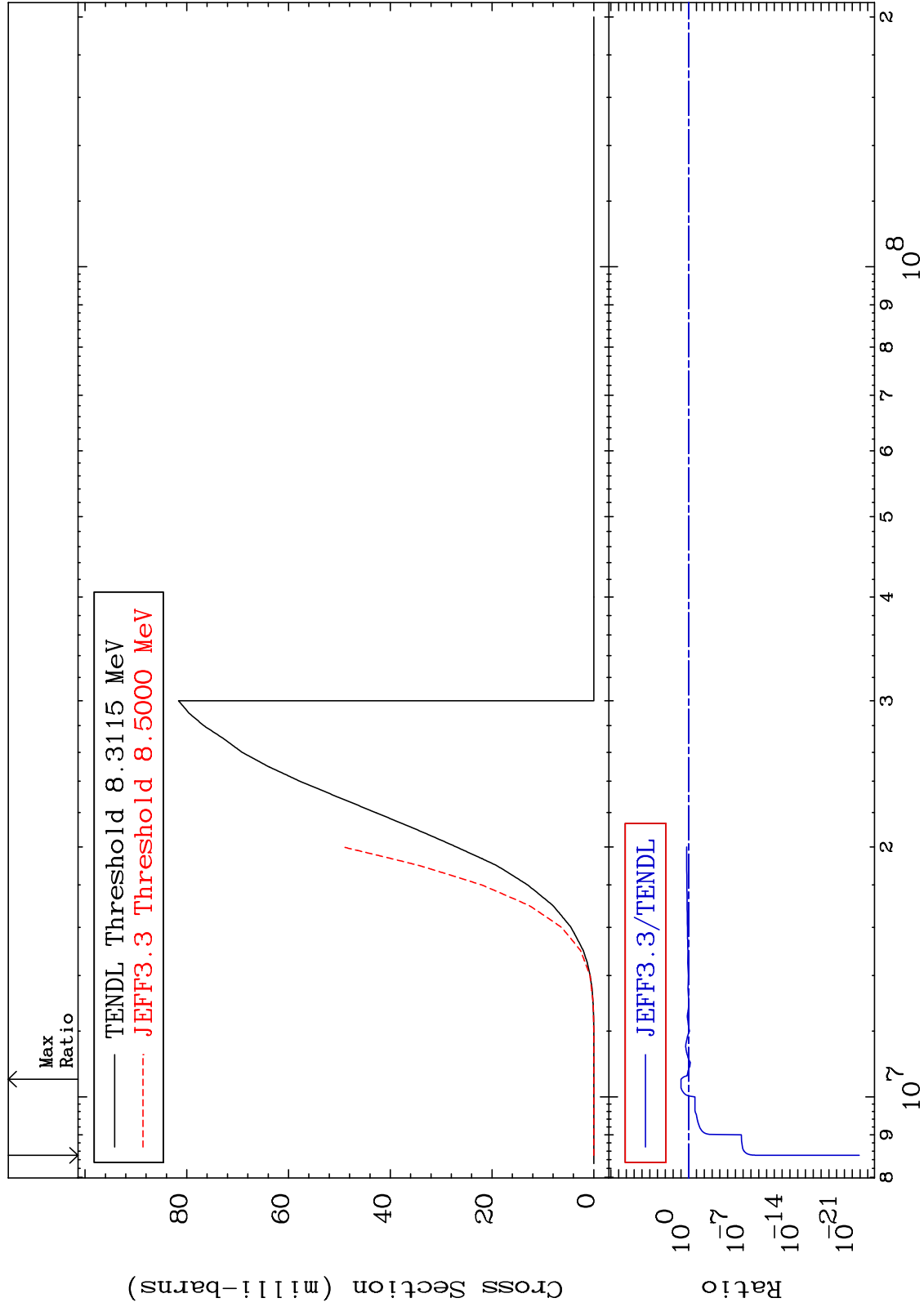
MAT 5440

(n,n') p

54-Xe-129

Cross Section

-100.0 To 852.8 %



Incident Energy (eV)

54-Xe-129

7

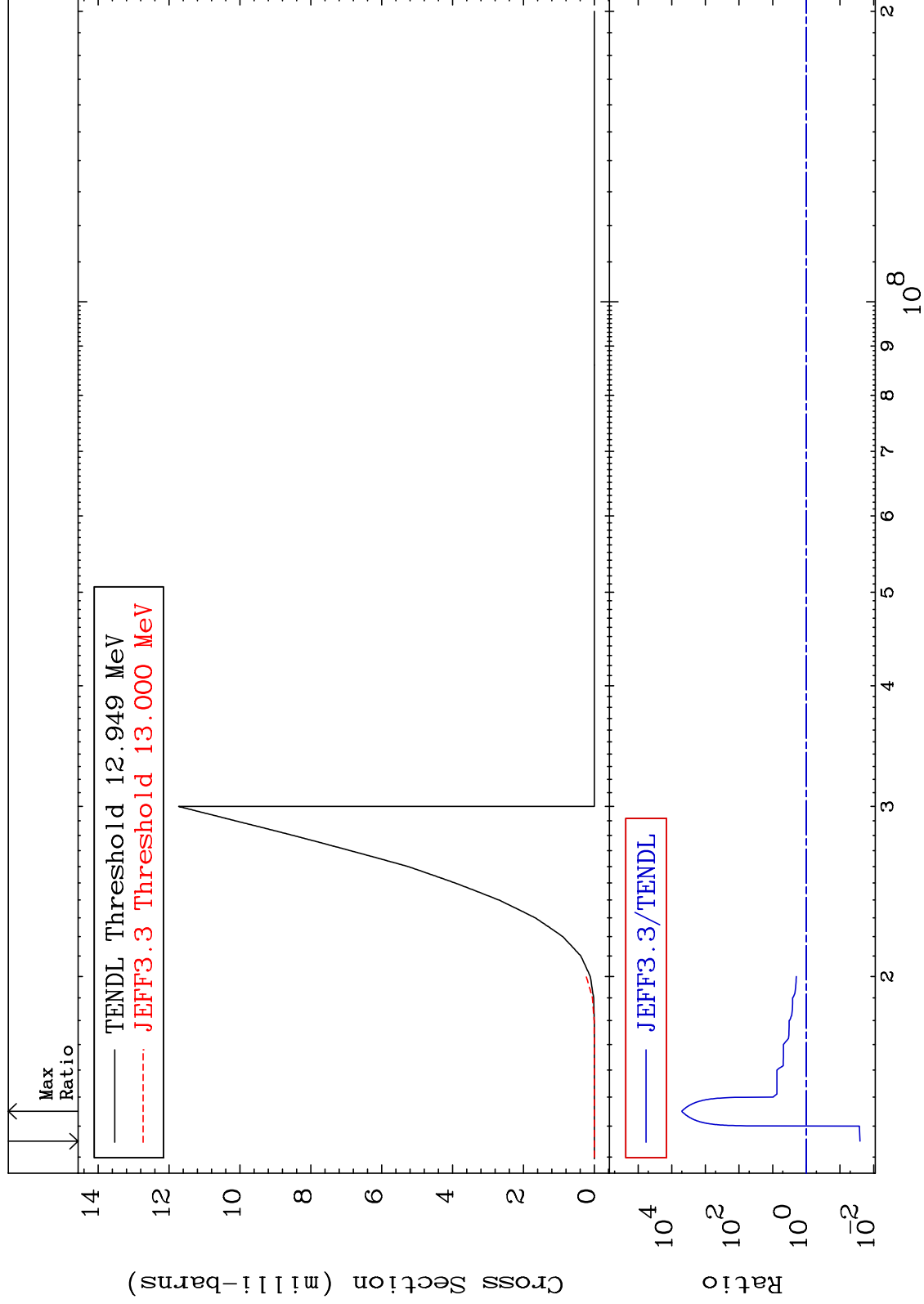
MAT 5440

(n, n') d

54-Xe-129

Cross Section

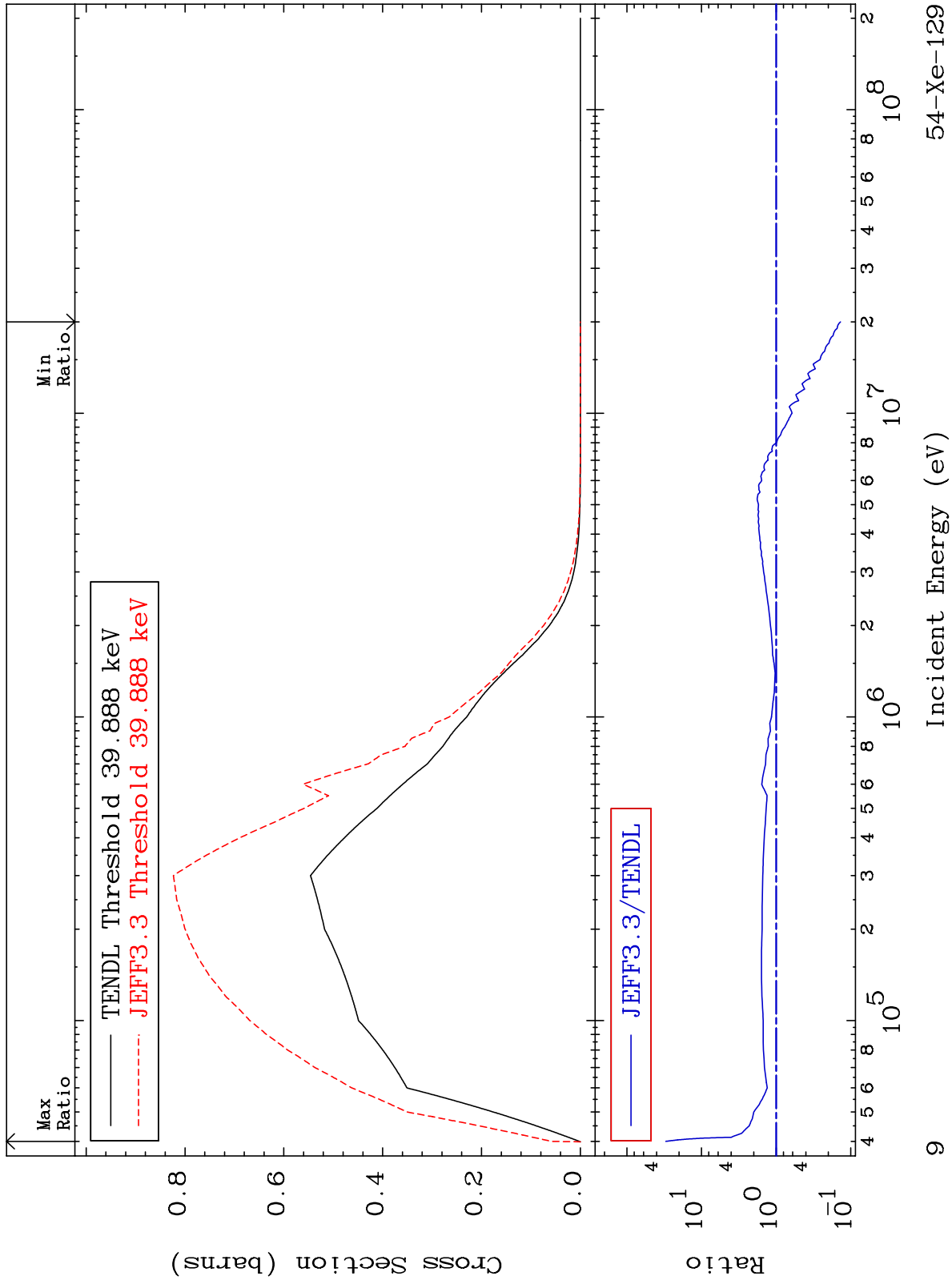
-97.46 To 9999. %



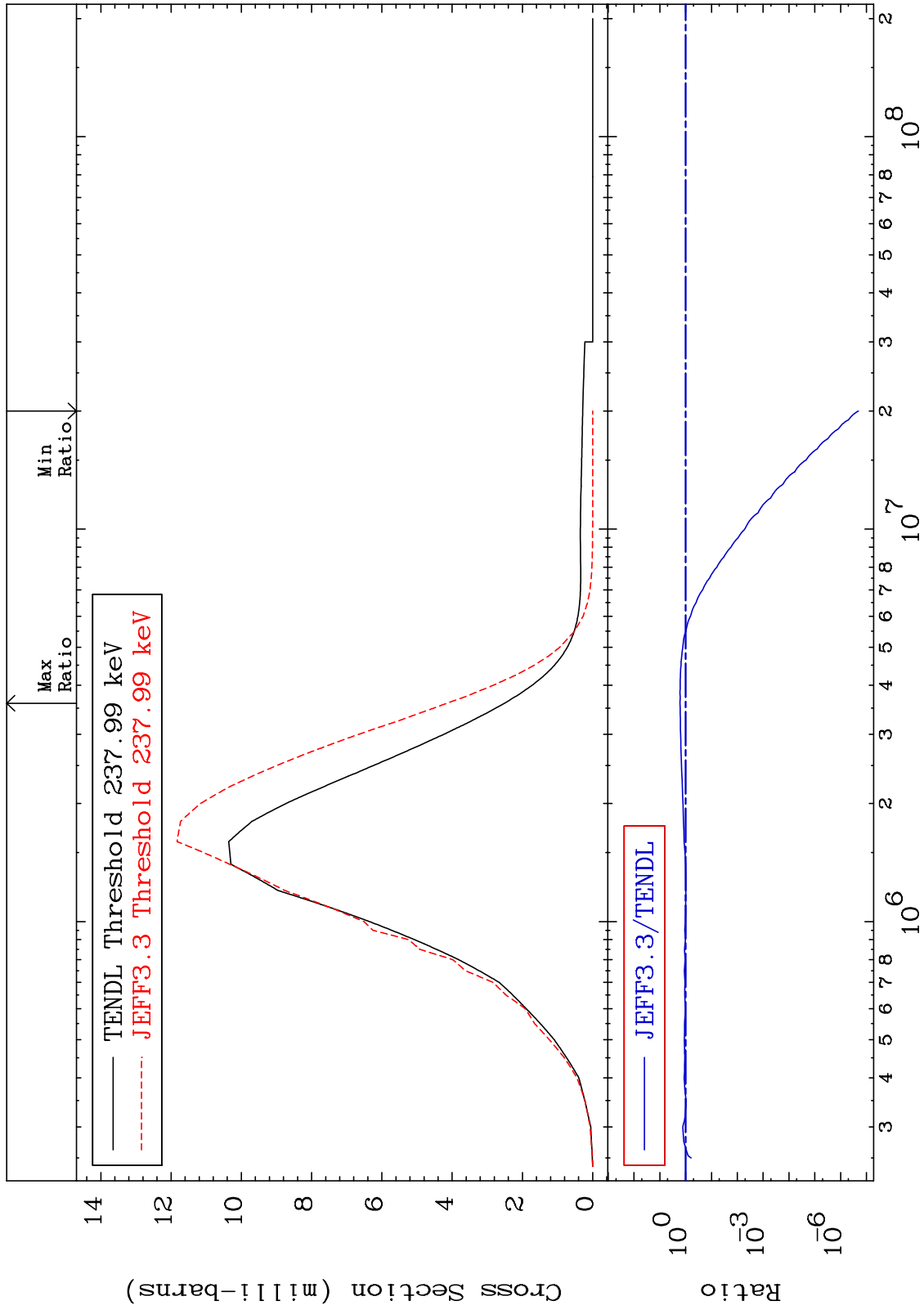
MAT 5440

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

54-Xe-129
-86.30 To 2909. %

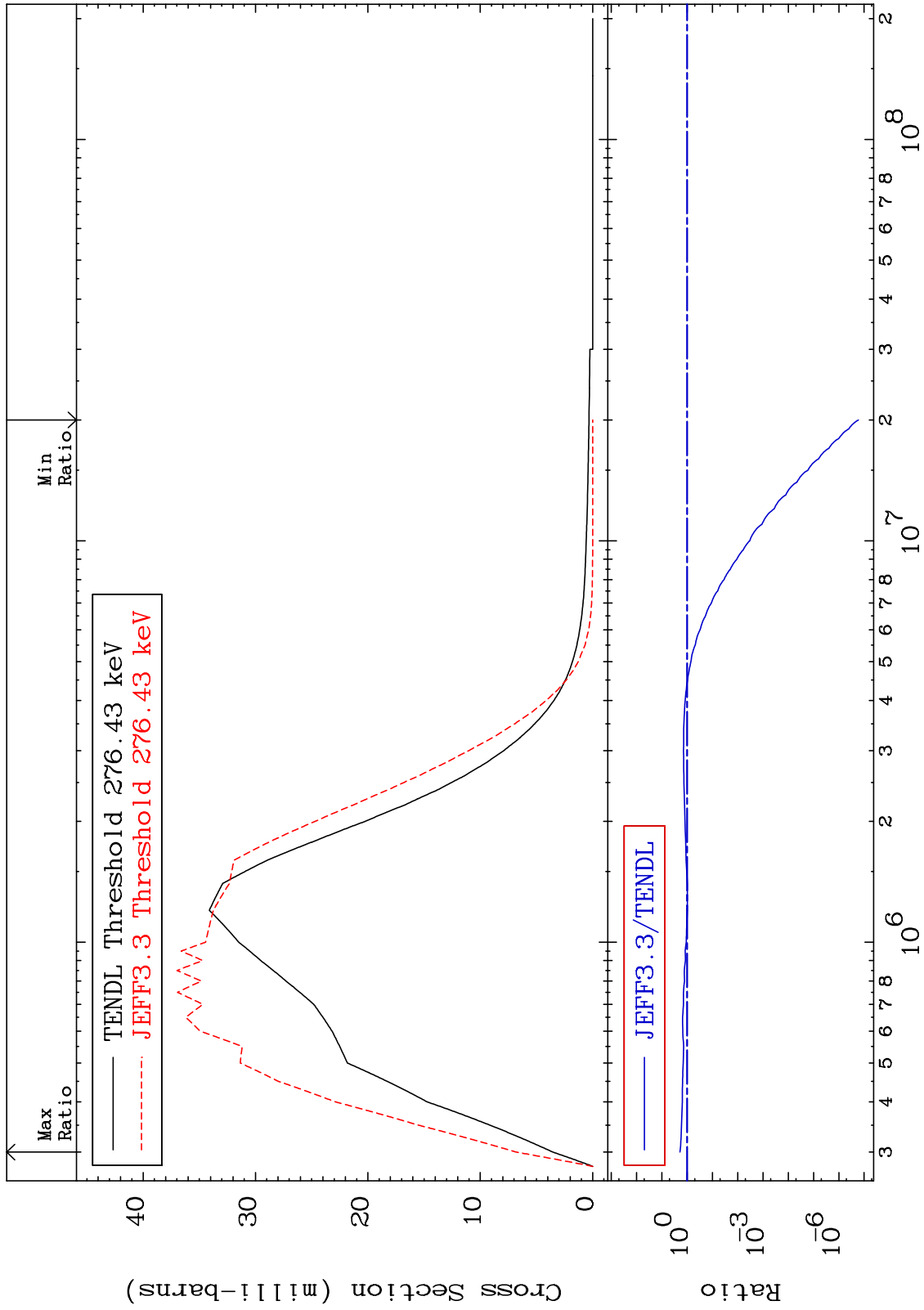


MAT 5440 MT= 52 (n,n') Level Cross Section 54-Xe-129 -100.0 To 65.48 %



10 Incident Energy (eV) 54-Xe-129

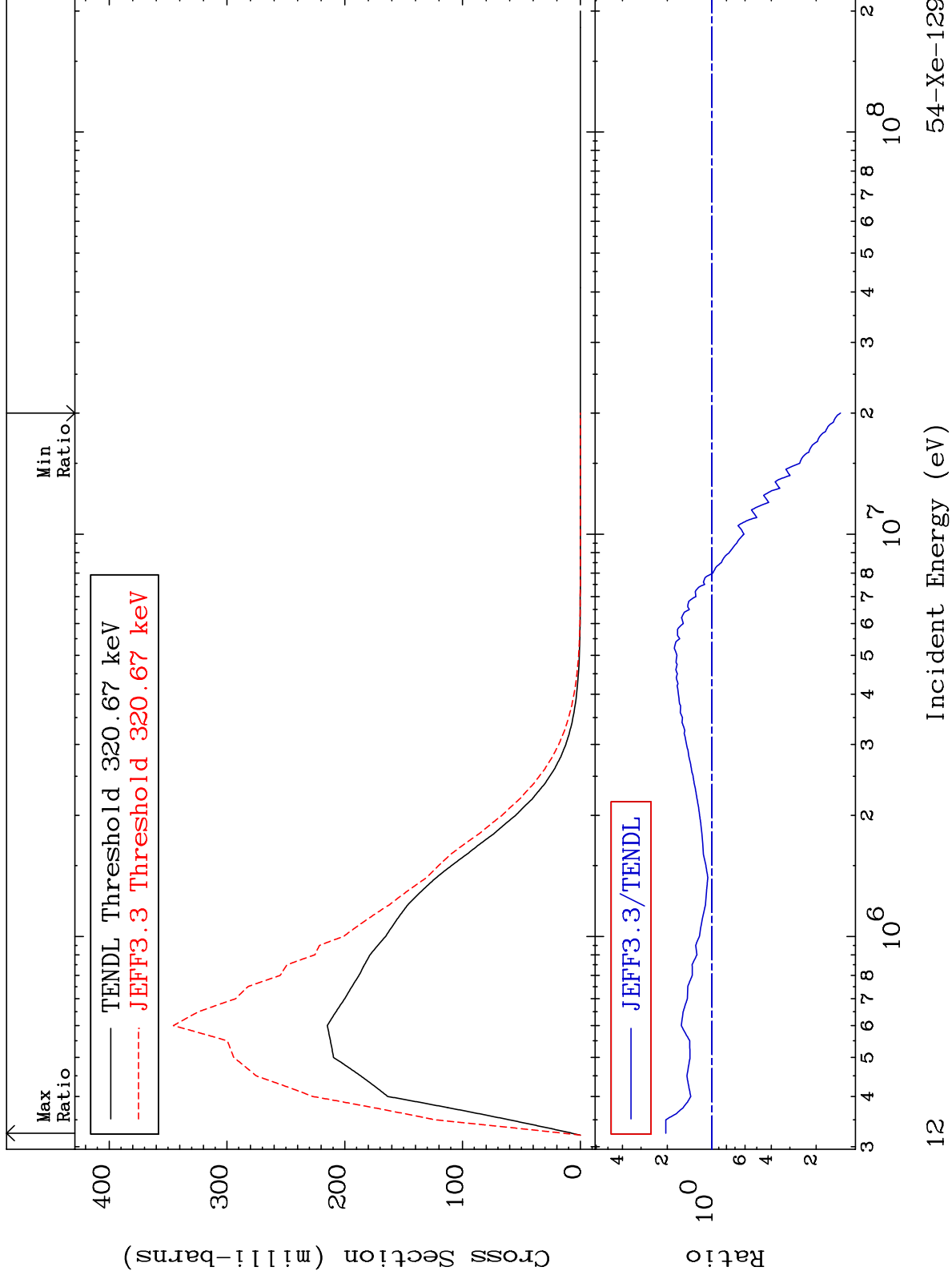
MAT 5440 MT= 53 (n,n') Level Cross Section 54-Xe-129
 -100.0 To 91.91 %



MAT 5440

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

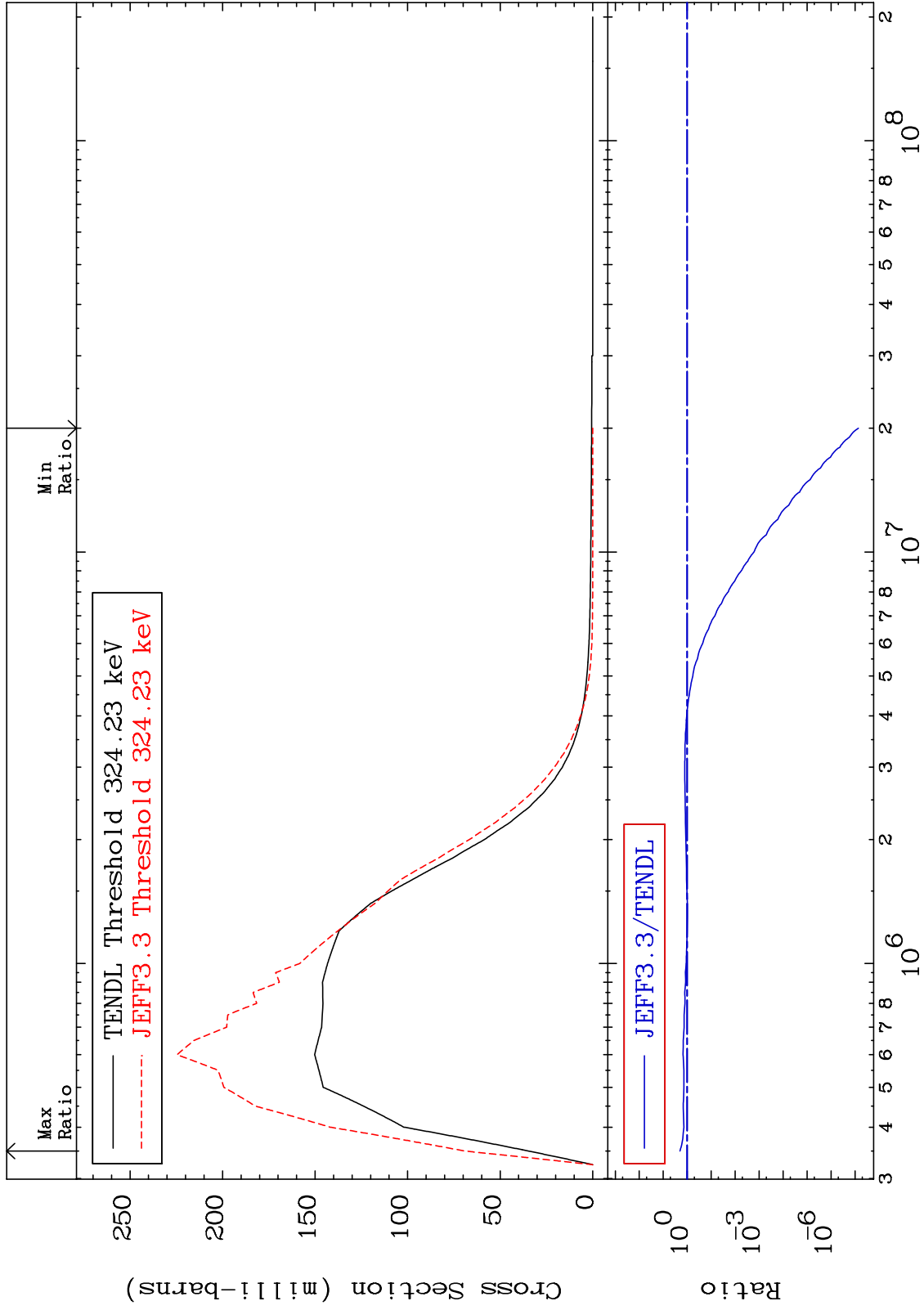
54-Xe-129
-86.30 To 104.1 %



MAT 5440

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

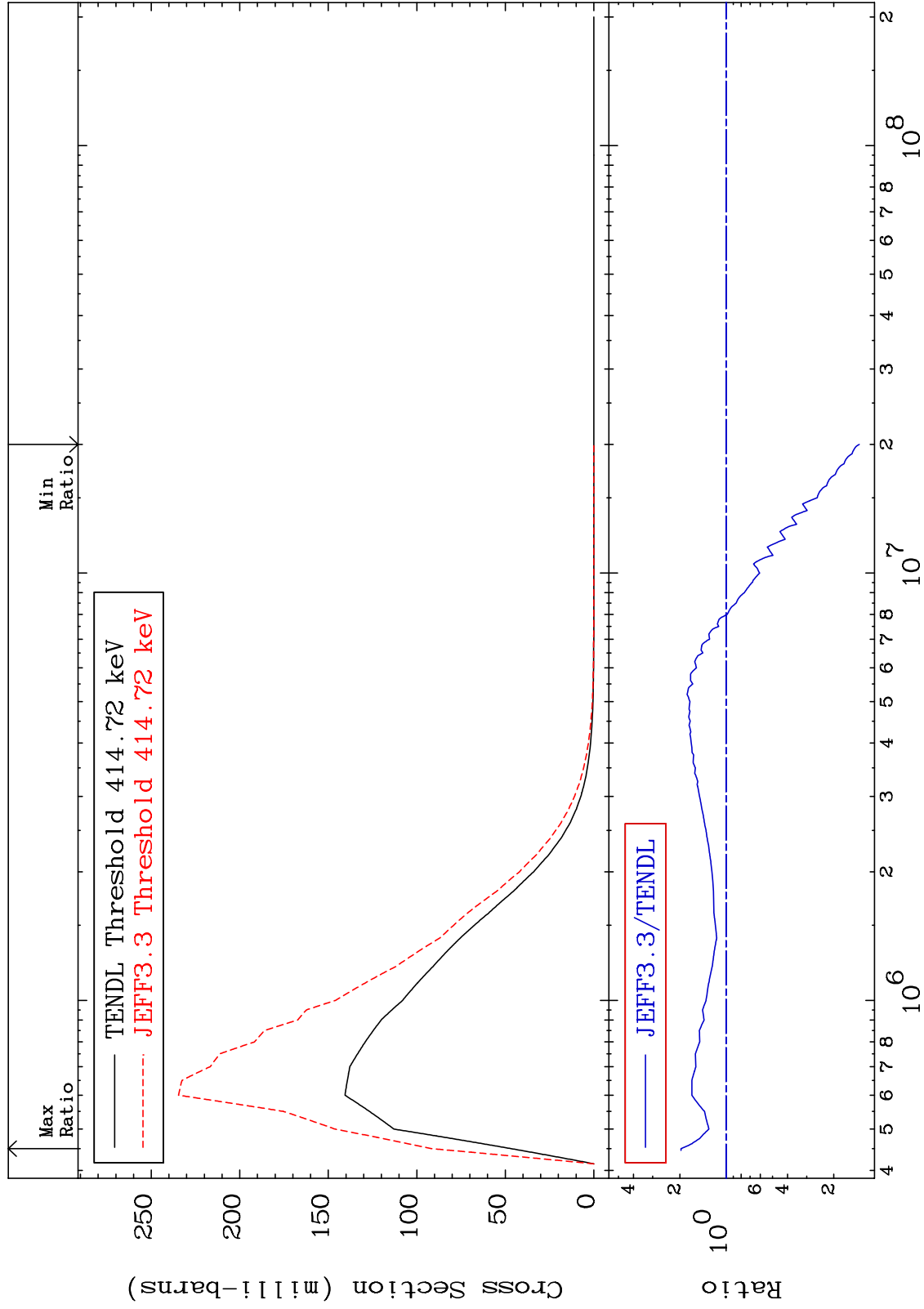
54-Xe-129
-100.0 To 99.39 %



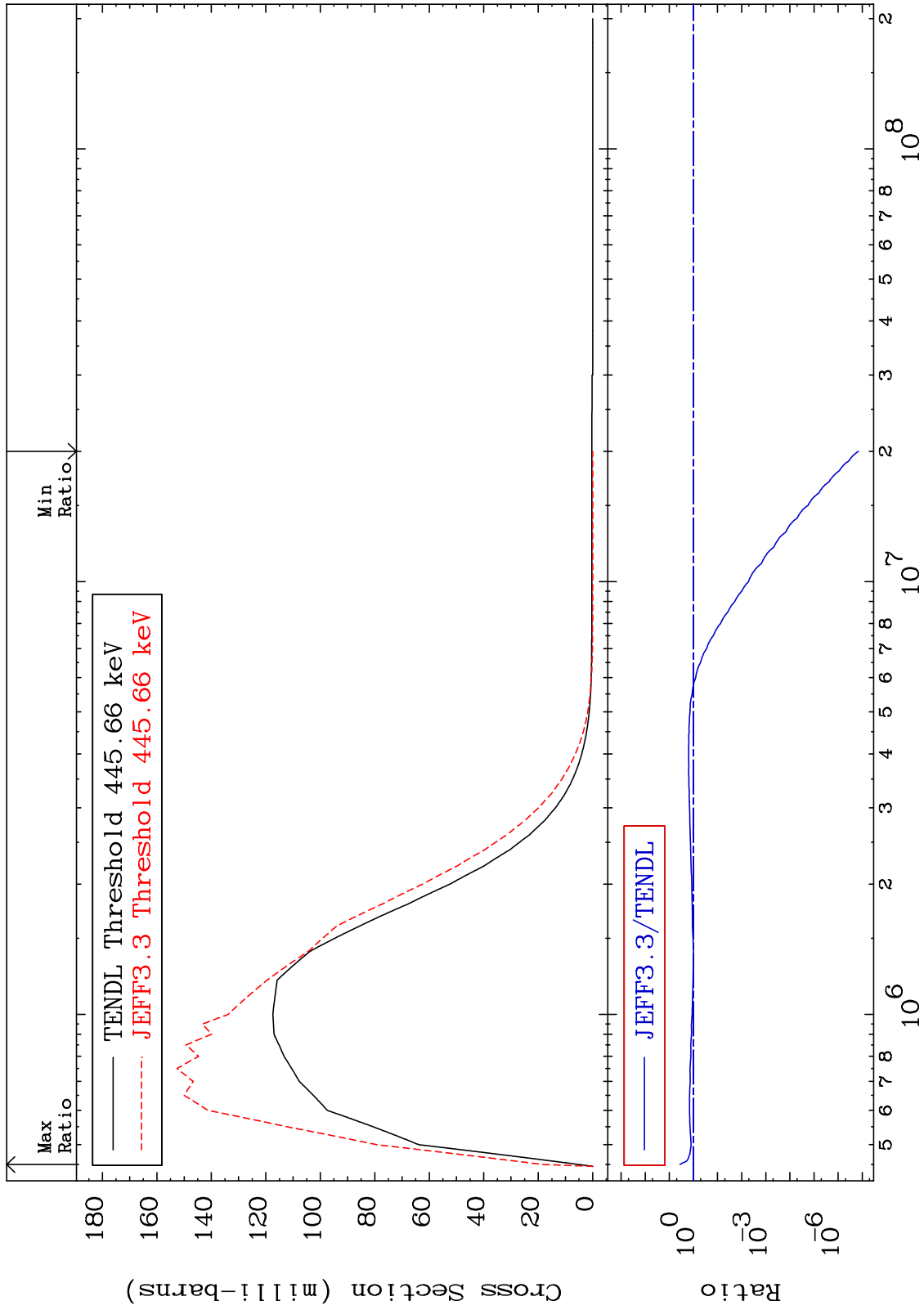
MAT 5440

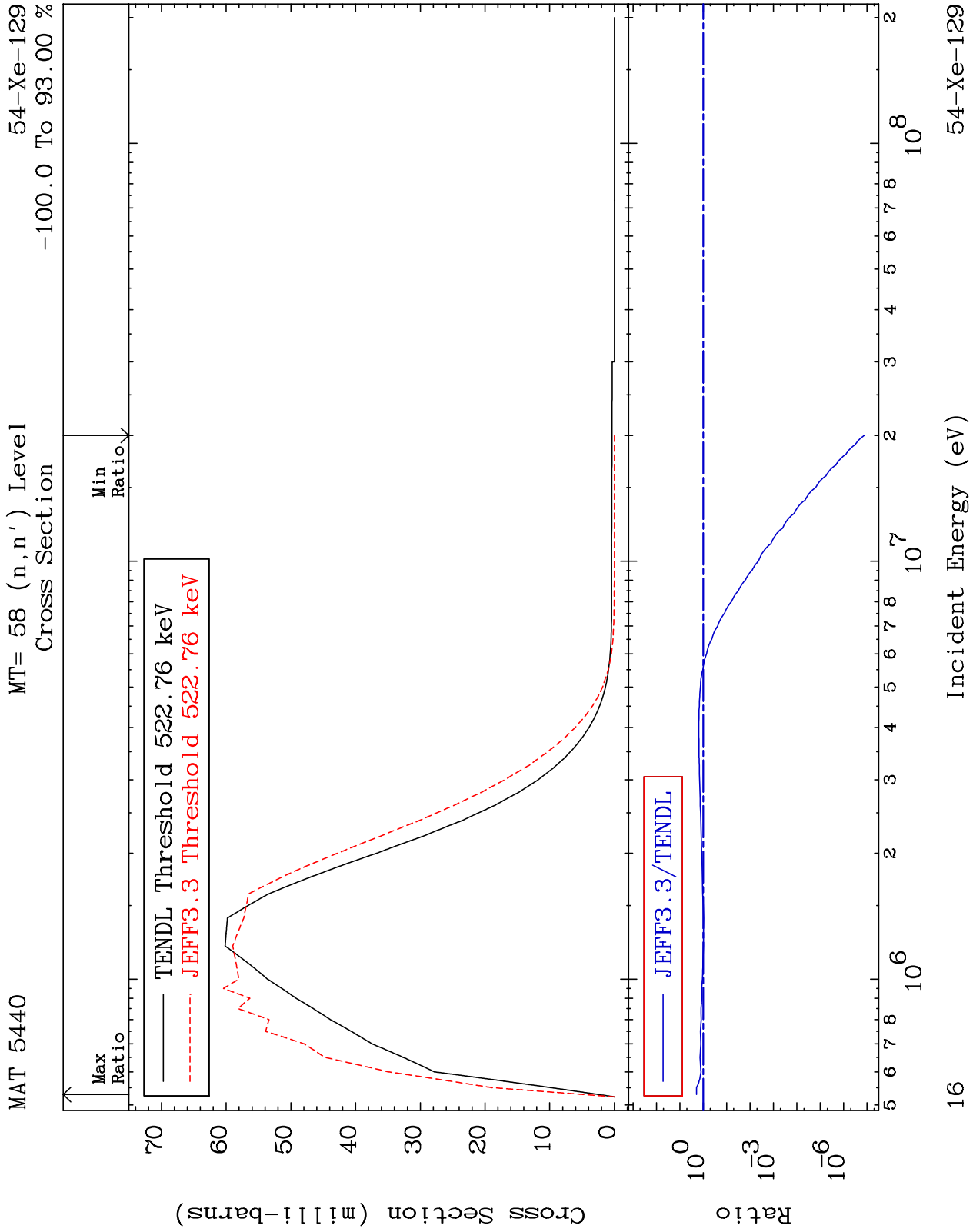
MT= 56 (n,n') Level
Cross Section

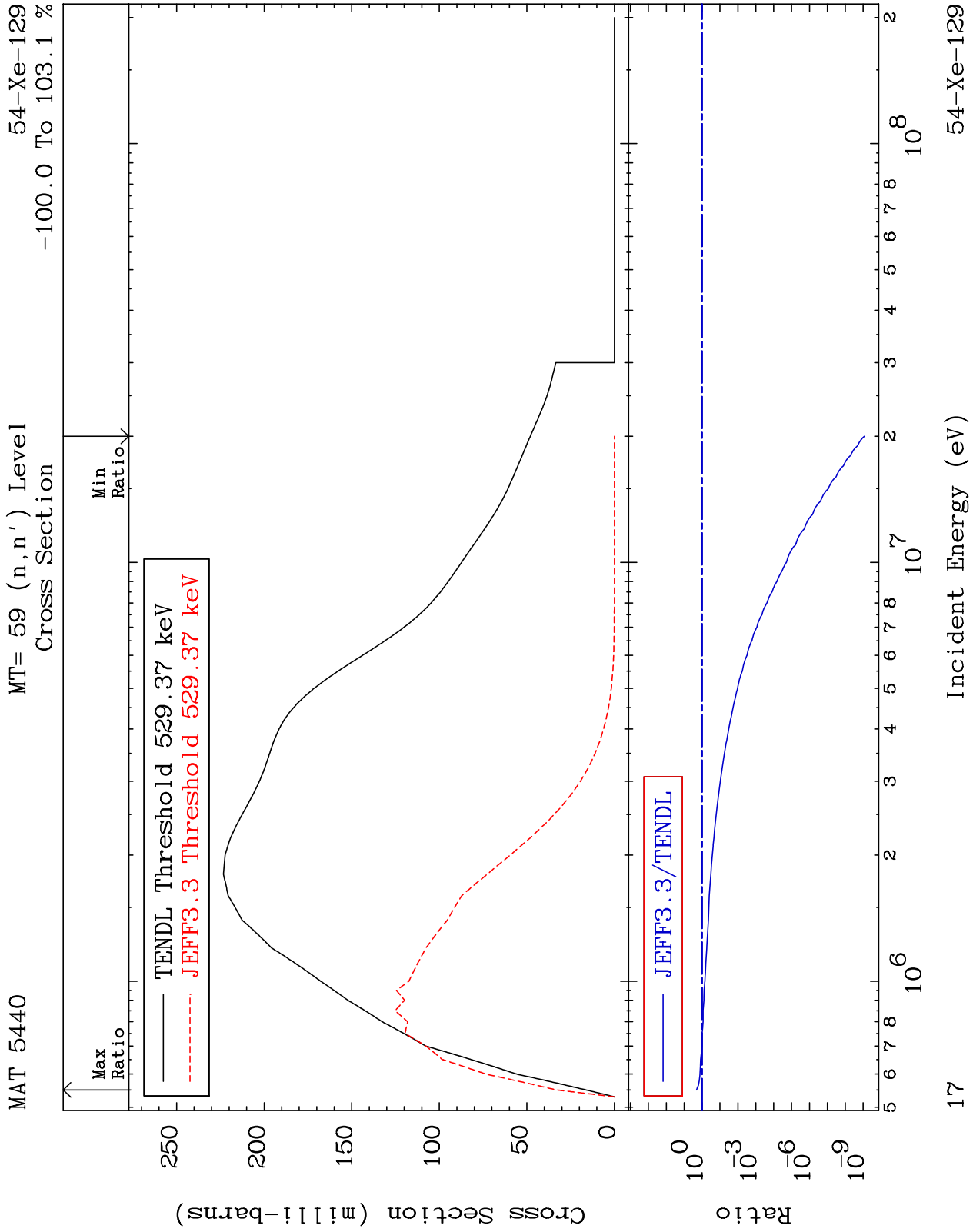
54-Xe-129
-86.34 To 96.25 %



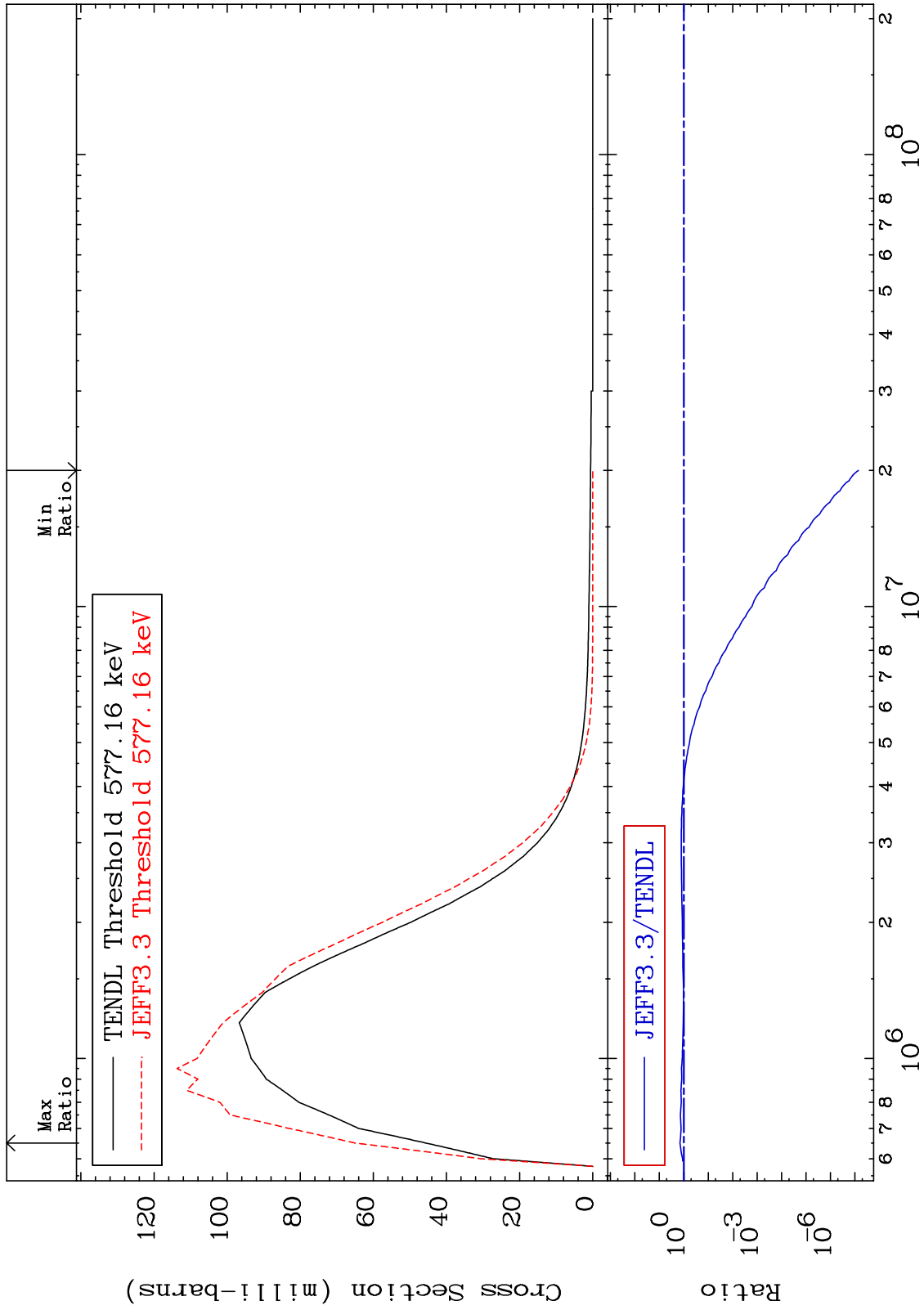
MAT 5440 MT= 57 (n,n') Level Cross Section 54-Xe-129 -100.0 To 260.8 %







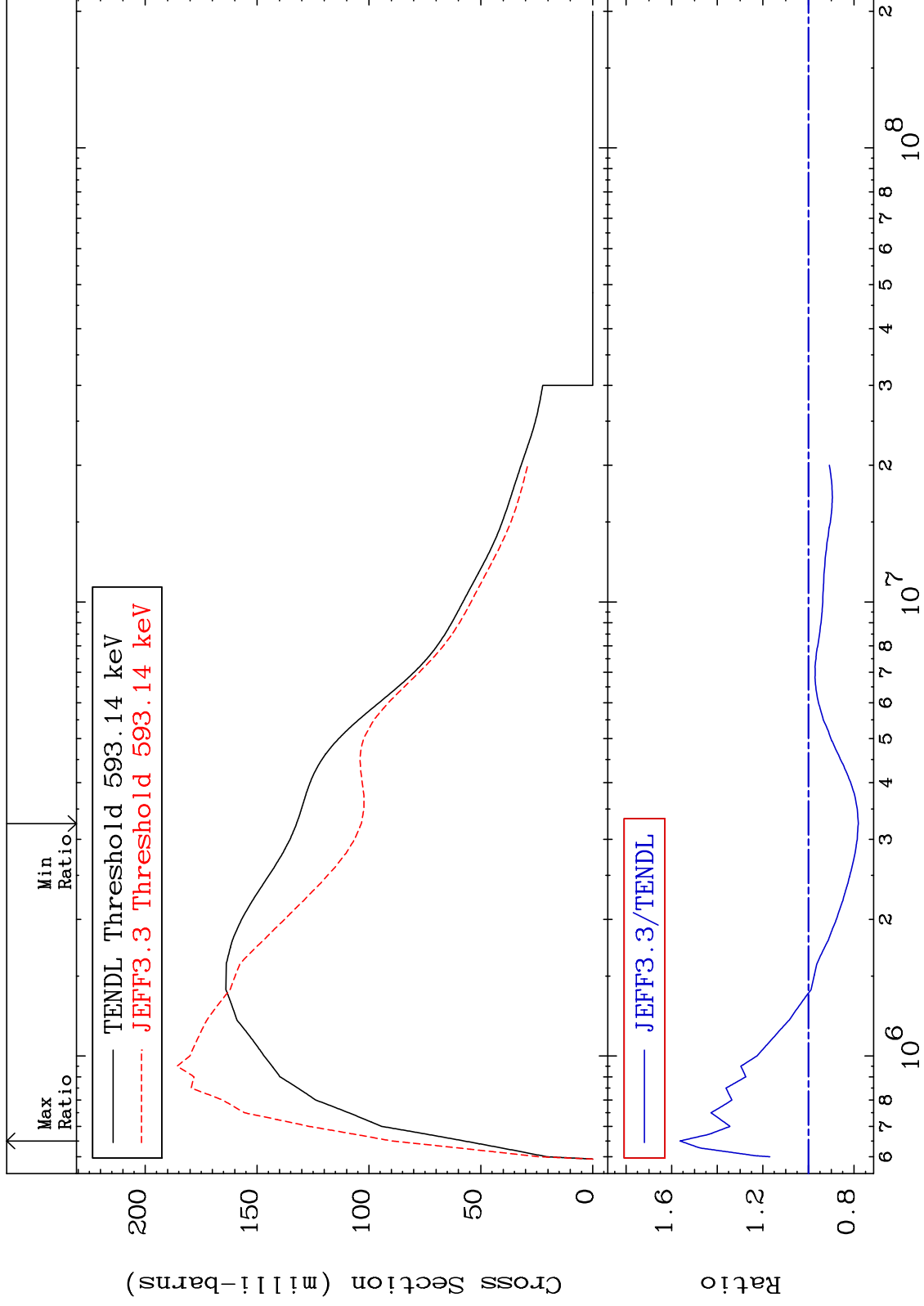
MAT 5440 MT= 60 (n,n') Level Cross Section 54-Xe-129
 -100.0 To 42.57 %



MAT 5440

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

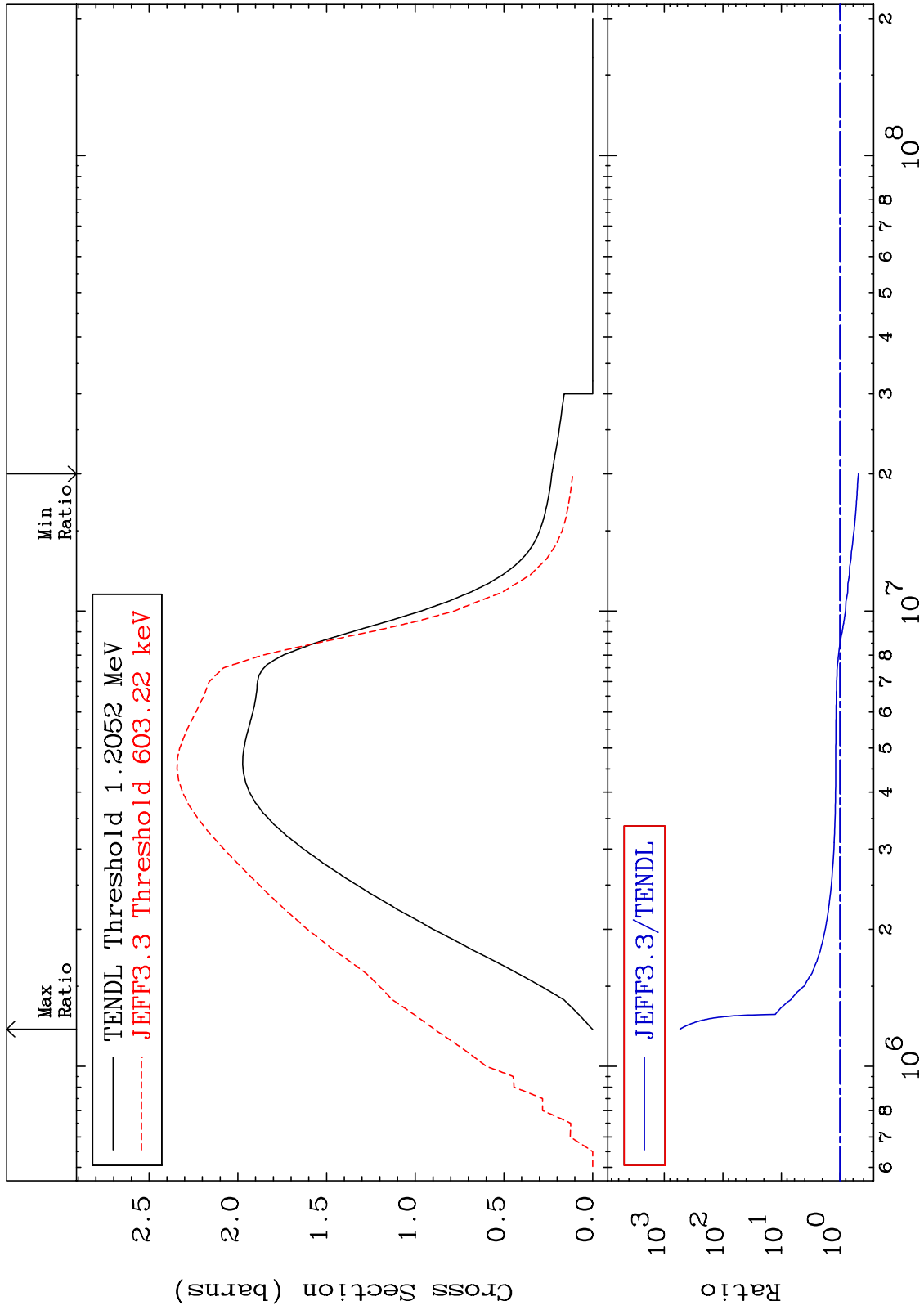
54-Xe-129
-21.90 To 56.34 %



MAT 5440

(n,n') Continuum
Cross Section

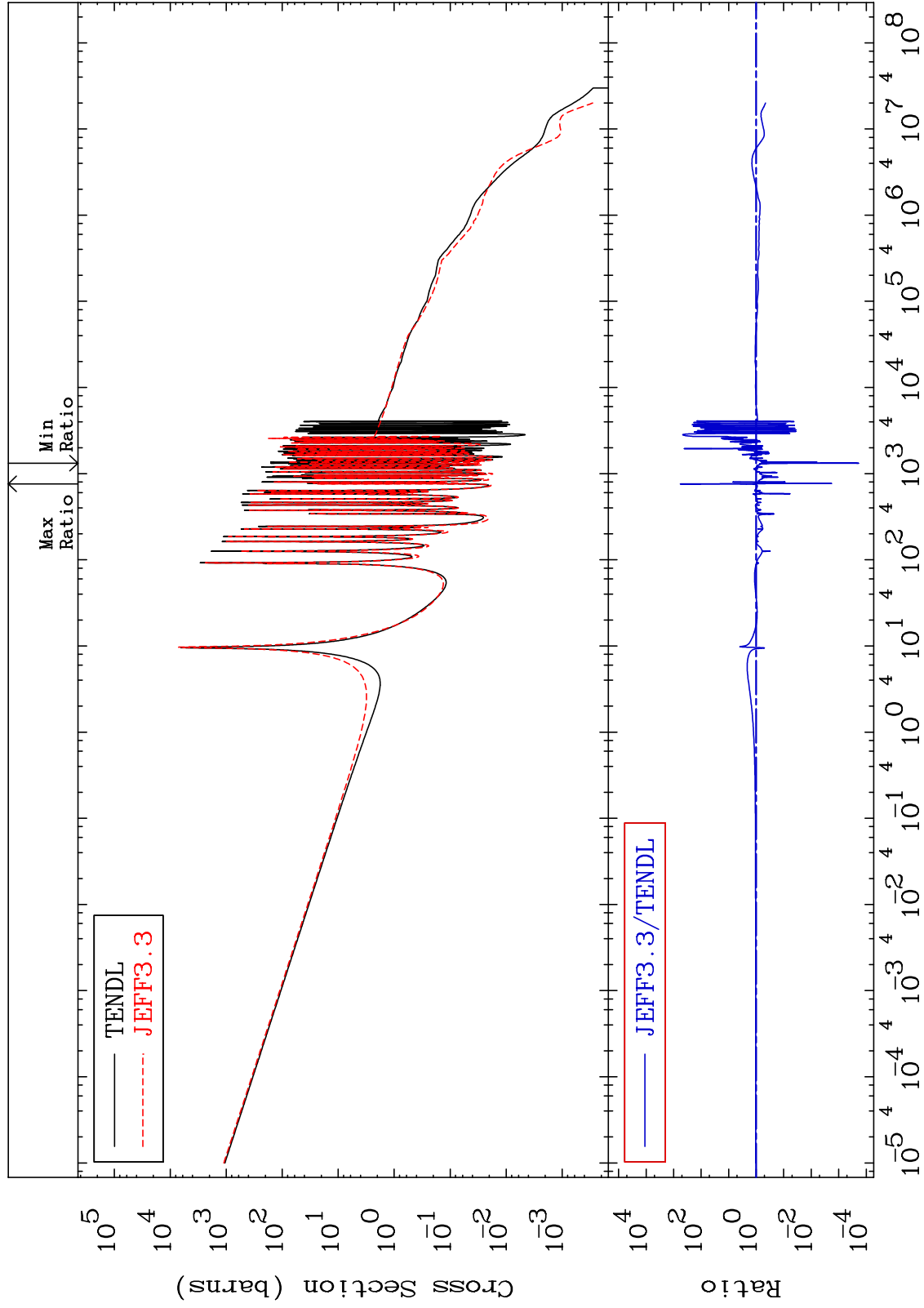
54-Xe-129
-51.39 To 9999. %



MAT 5440

(n, γ)
Cross Section

54-Xe-129
-99.98 To 9999. %



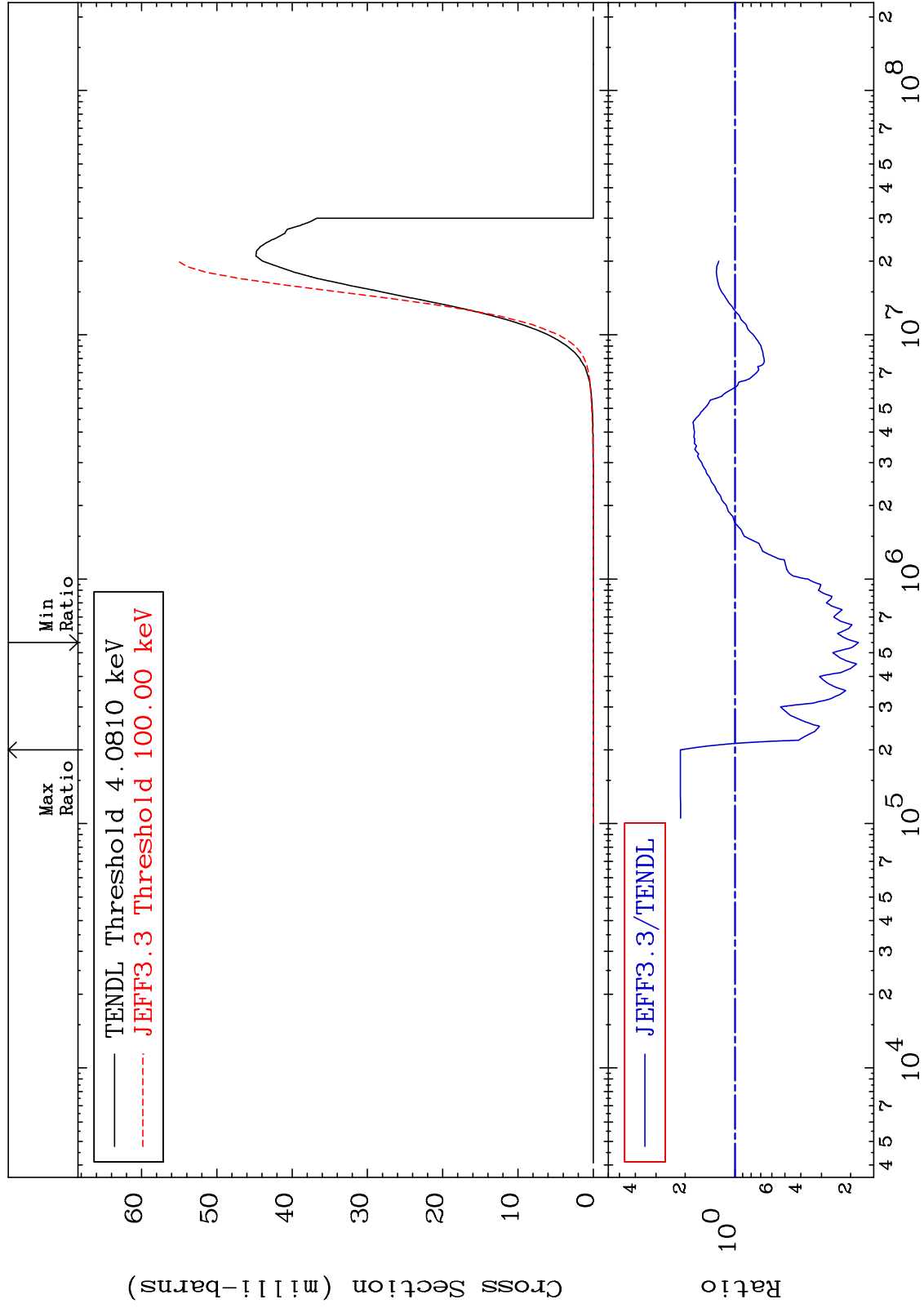
MAT 5440

(n, p)

54-Xe-129

Cross Section

-82.07 To 113.7 %



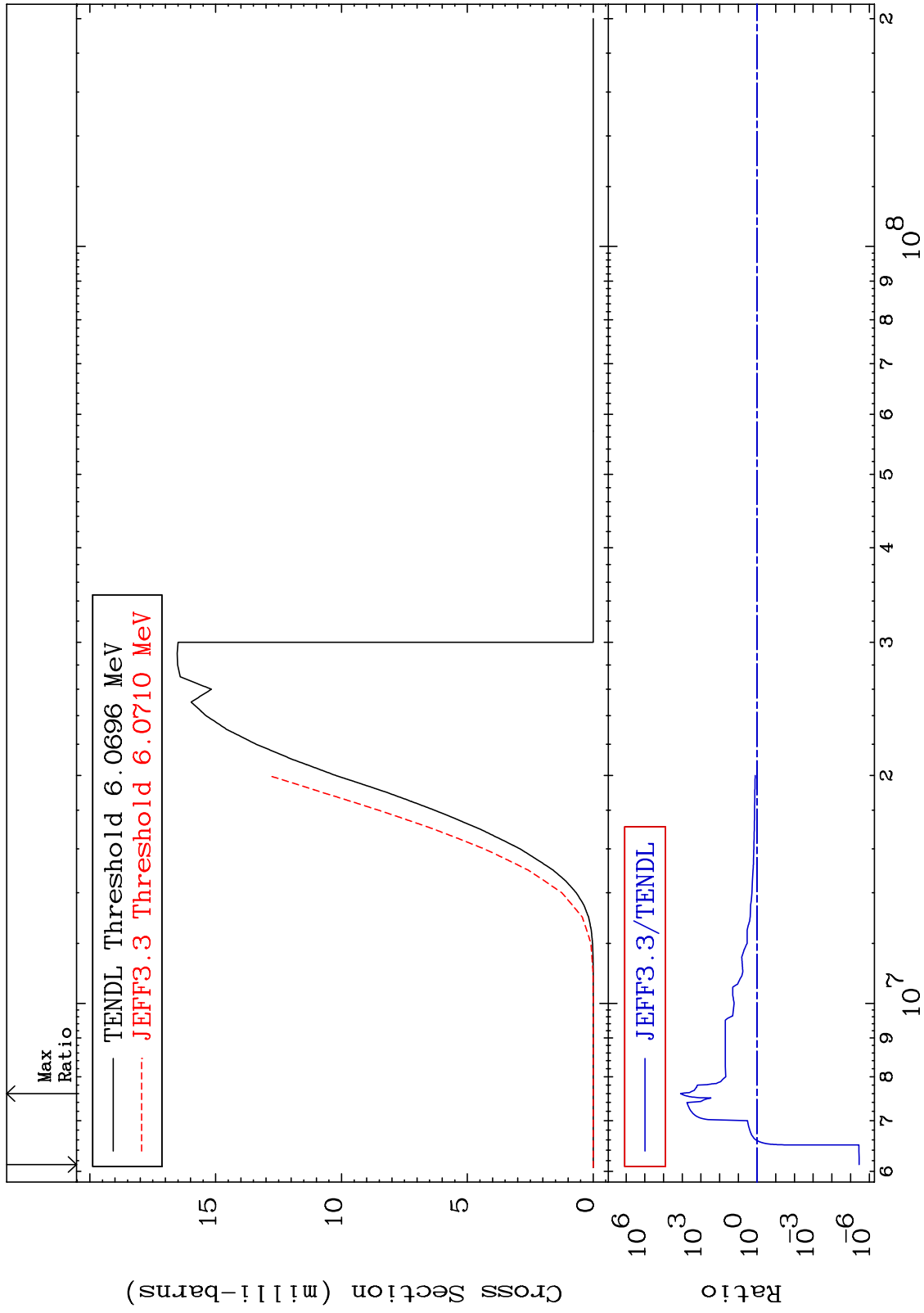
MAT 5440

(n, d)

54-Xe-129

Cross Section

-100.0 To 9999. %



54-Xe-129

Incident Energy (eV)

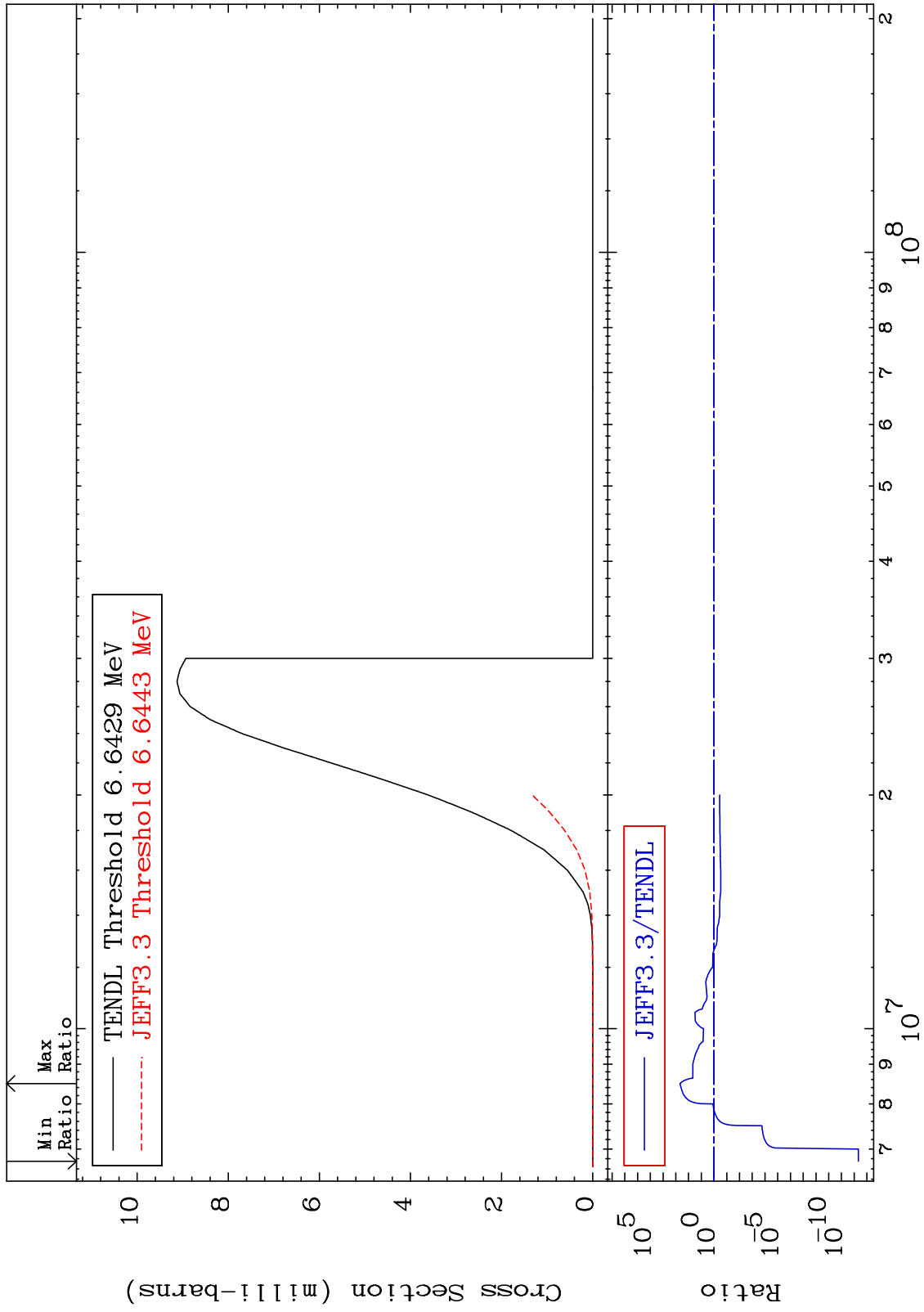
MAT 5440

(n, t)

54-Xe-129

Cross Section

-100.0 To 9999. %



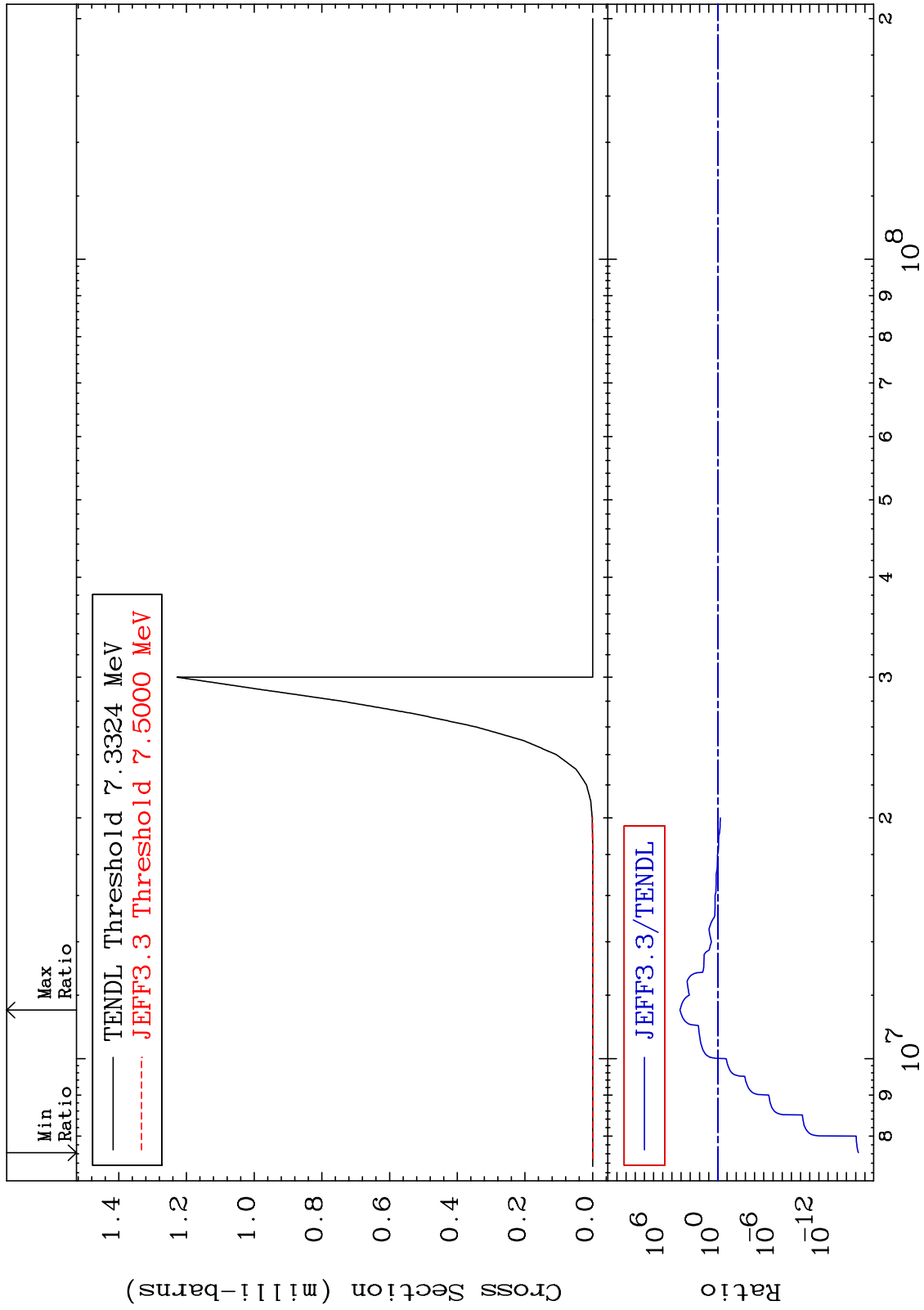
MAT 5440

(n, He-3)

54-Xe-129

Cross Section

-100.0 To 9999. %



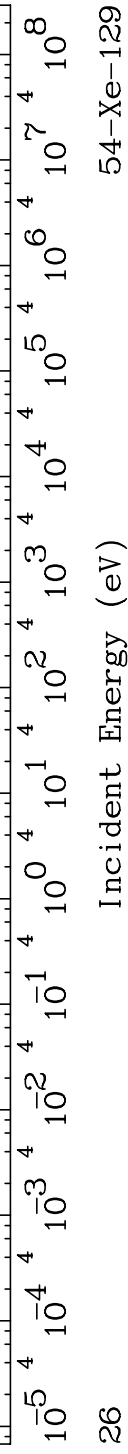
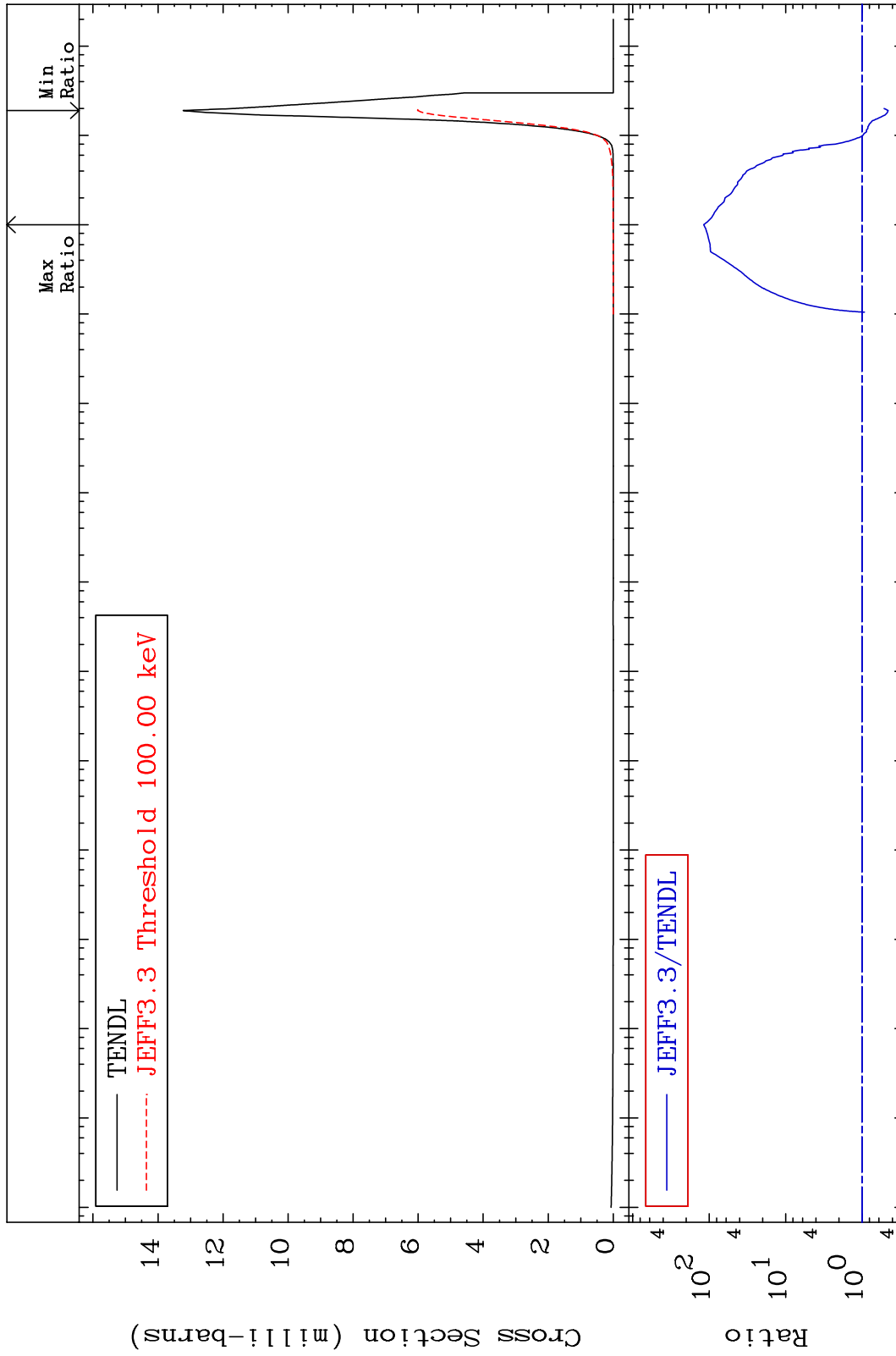
MAT 5440

(n, α)

54-Xe-129

Cross Section

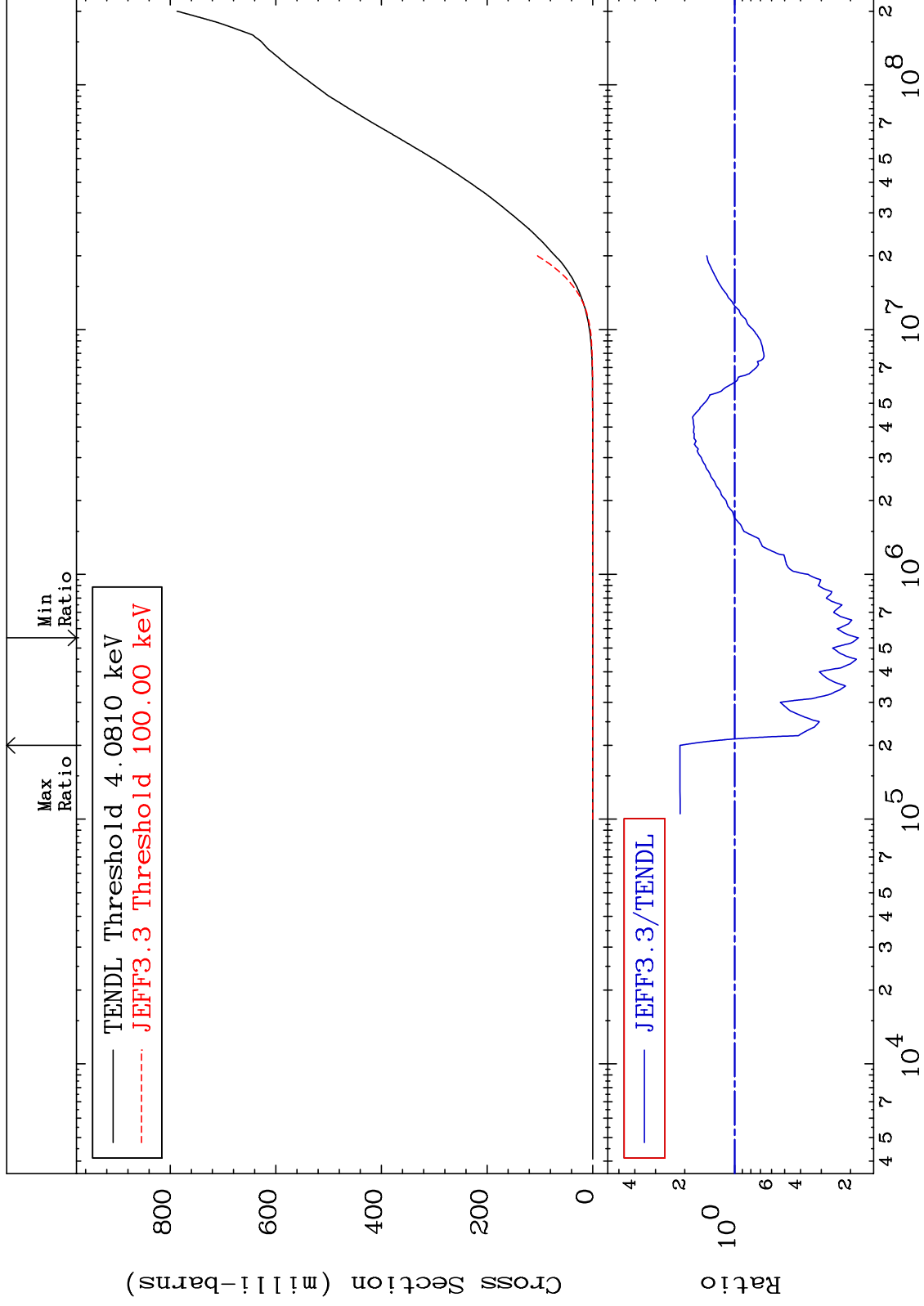
-54.51 To 9999. %



MAT 5440

Hydrogen Production
Cross Section

54-Xe-129
-82.07 To 113.7 %



27

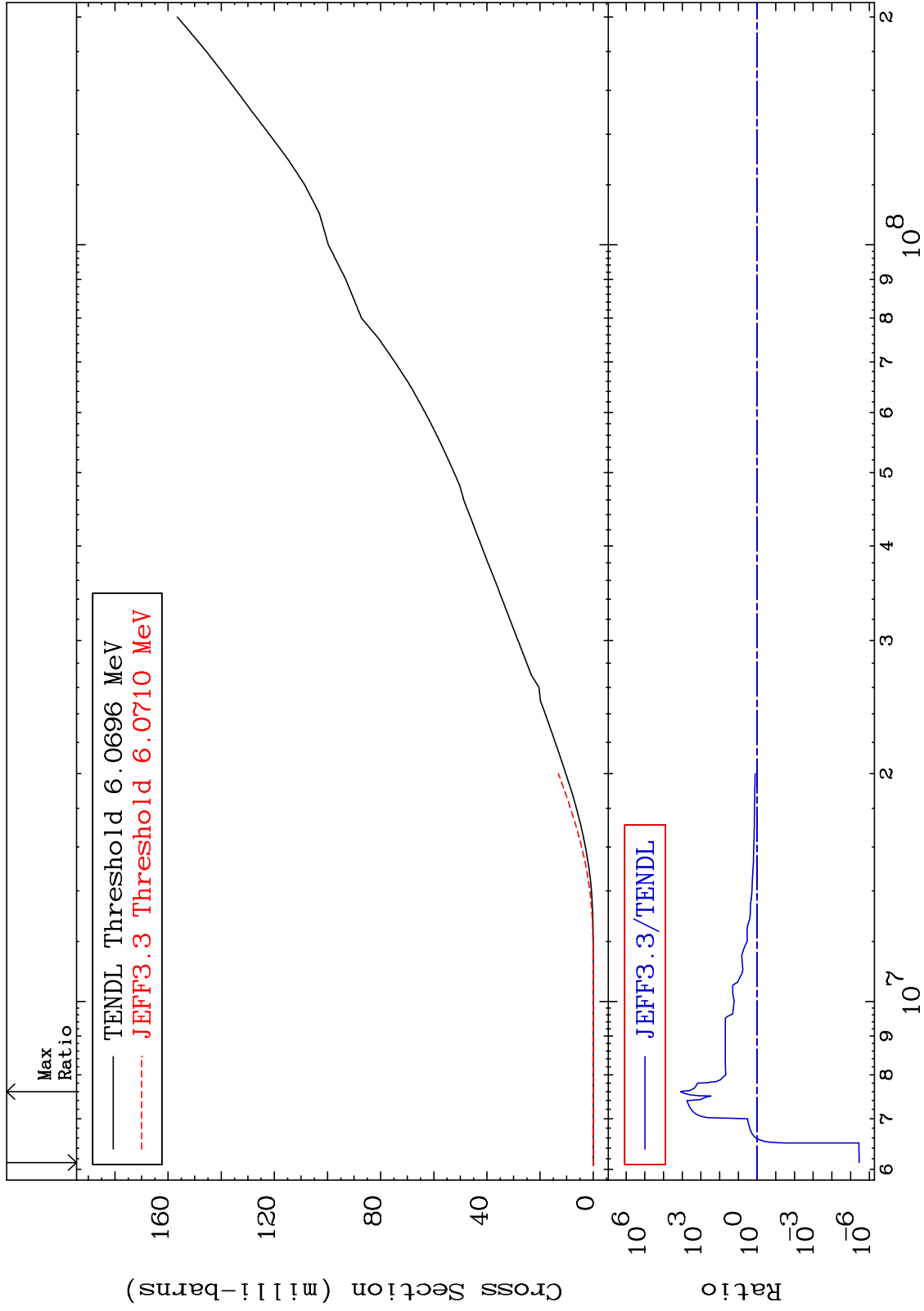
Incident Energy (eV)

54-Xe-129

MAT 5440

Deuterium Production
Cross Section

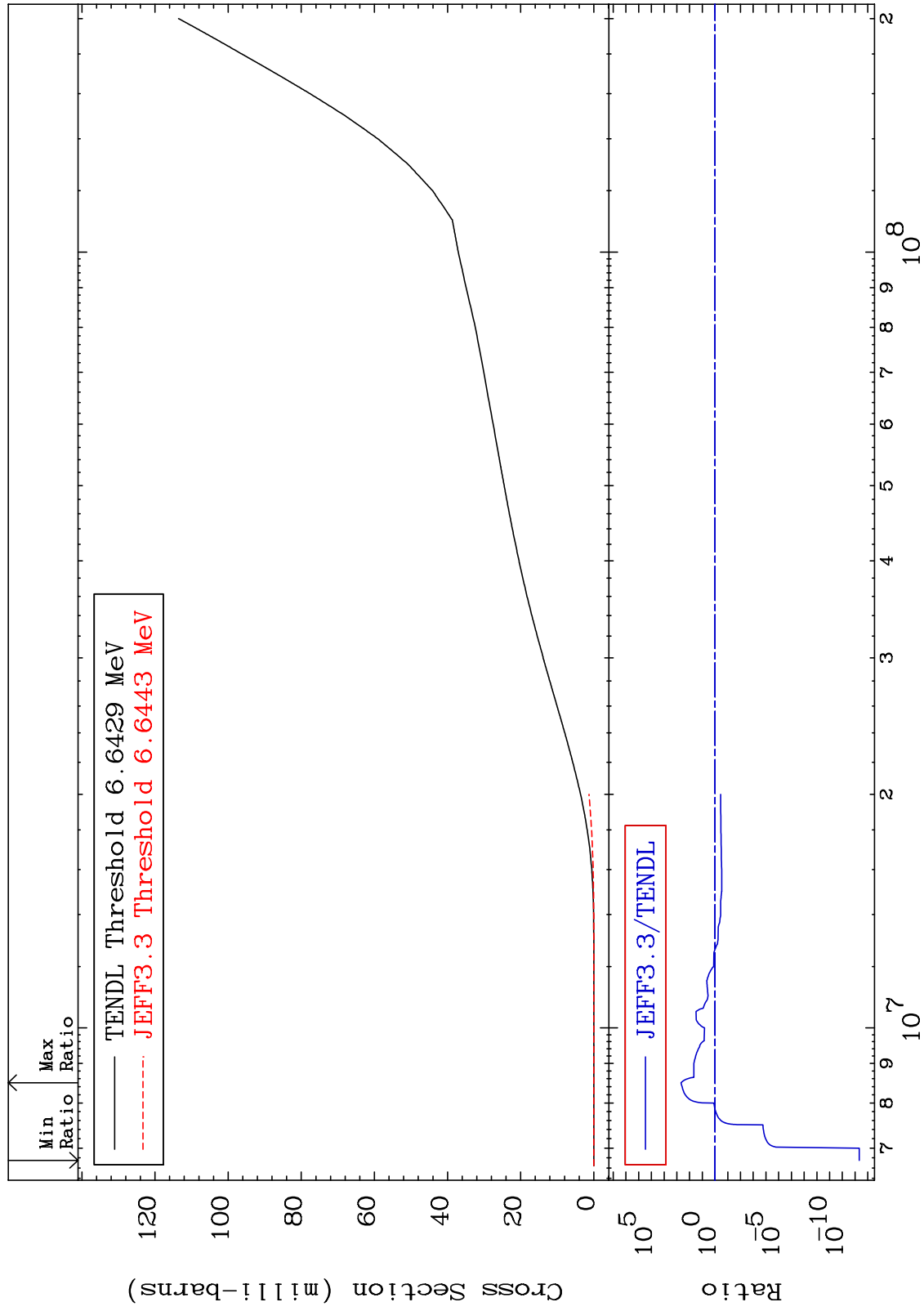
54-Xe-129
-100.0 To 9999. %



MAT 5440

Tritium Production
Cross Section

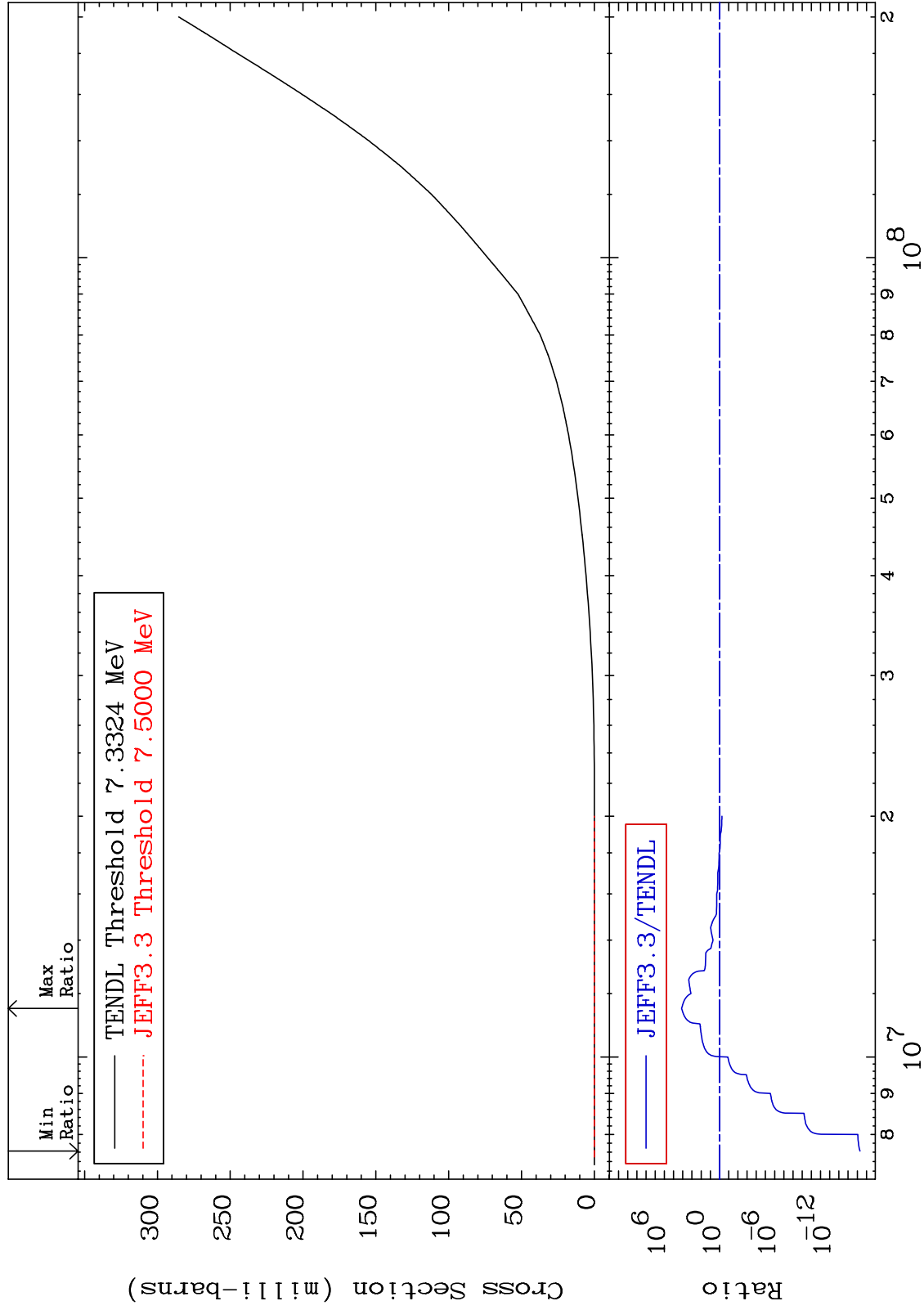
54-Xe-129
-100.0 To 9999. %



MAT 5440

He-3 Production
Cross Section

54-Xe-129
-100.0 To 9999. %



30

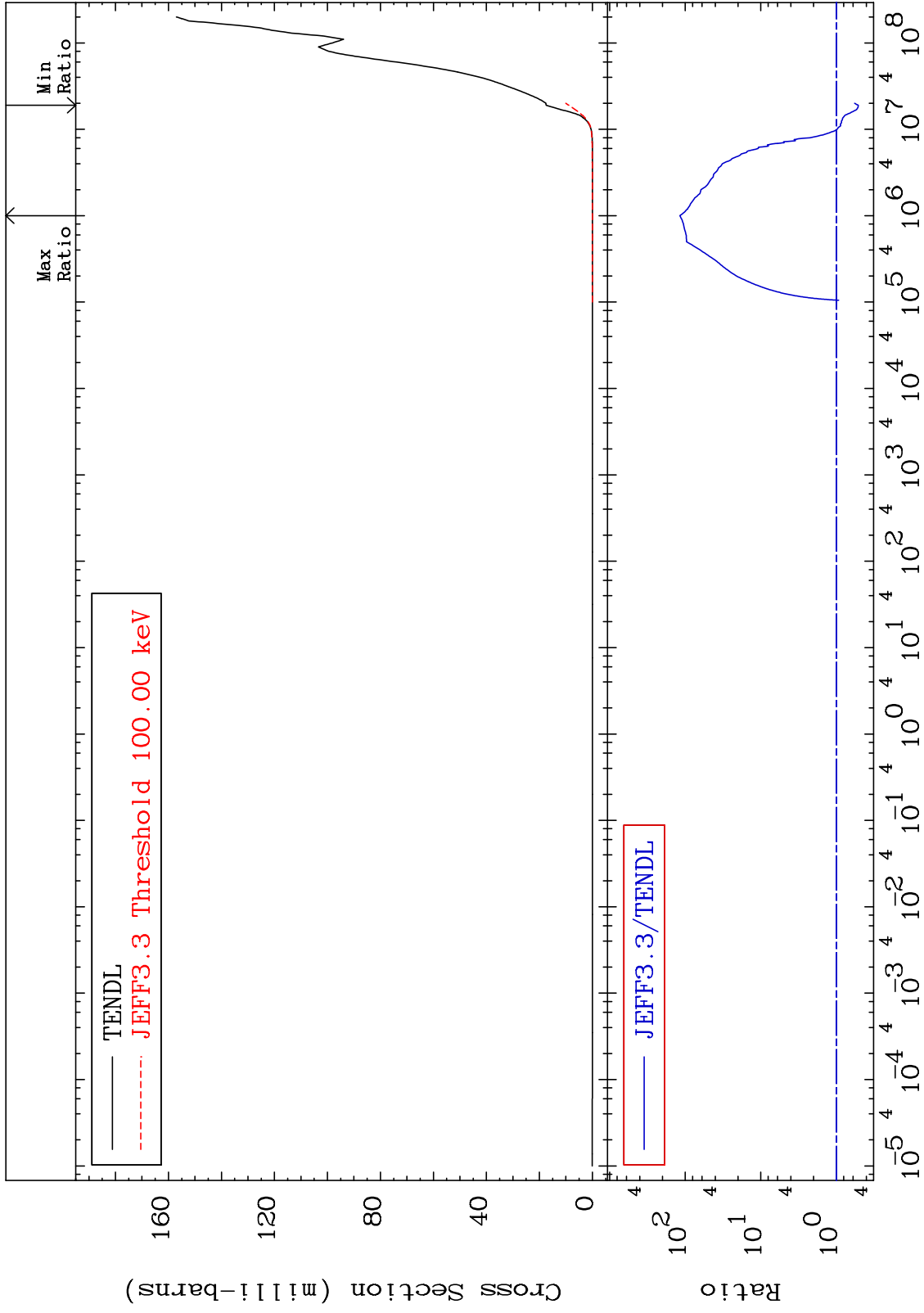
Incident Energy (eV)

54-Xe-129

MAT 5440

He-4 Production
Cross Section

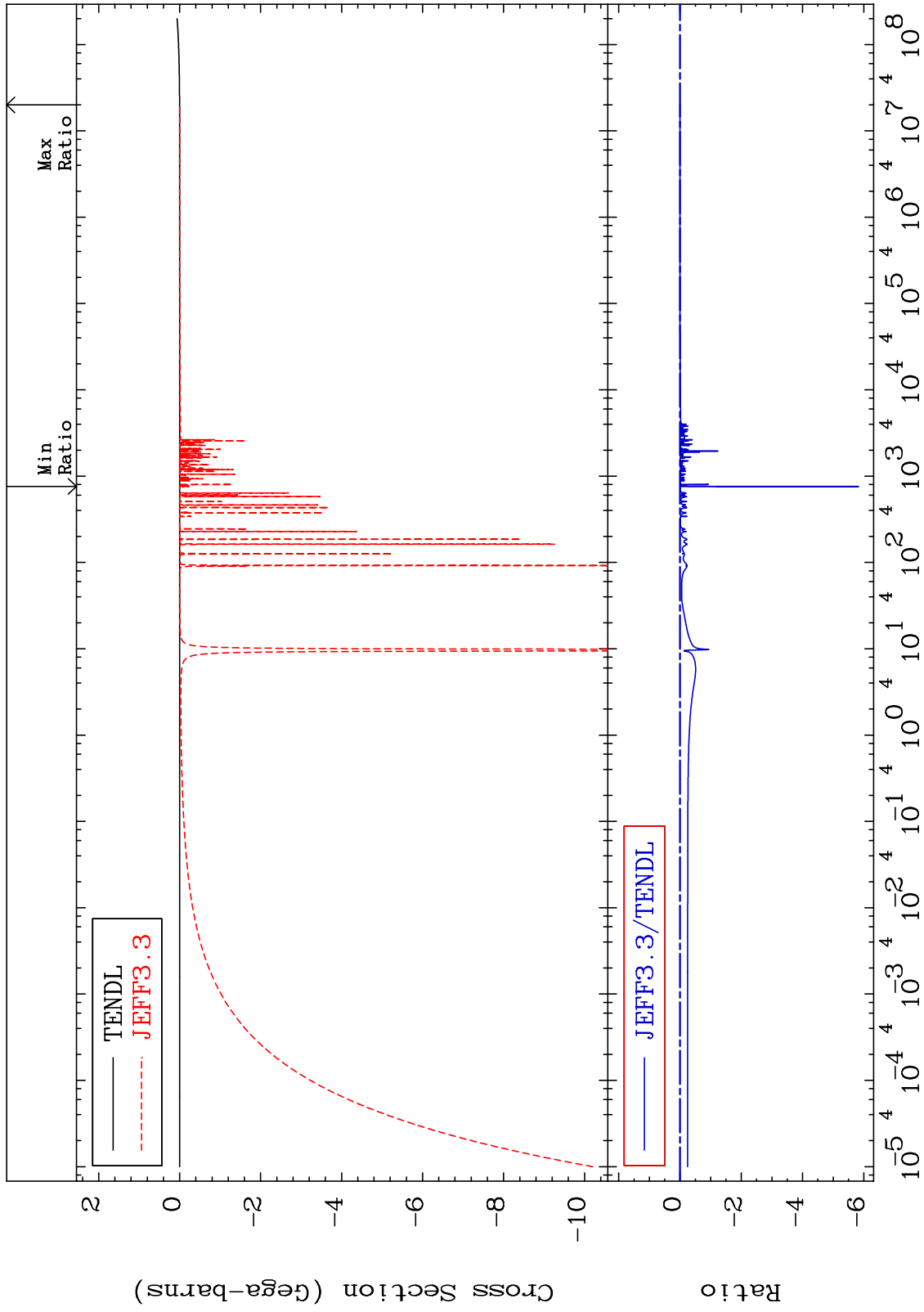
54-Xe-129
-48.81 To 9999. %



MAT 5440

Kerma total (eV-barns)
Cross Section

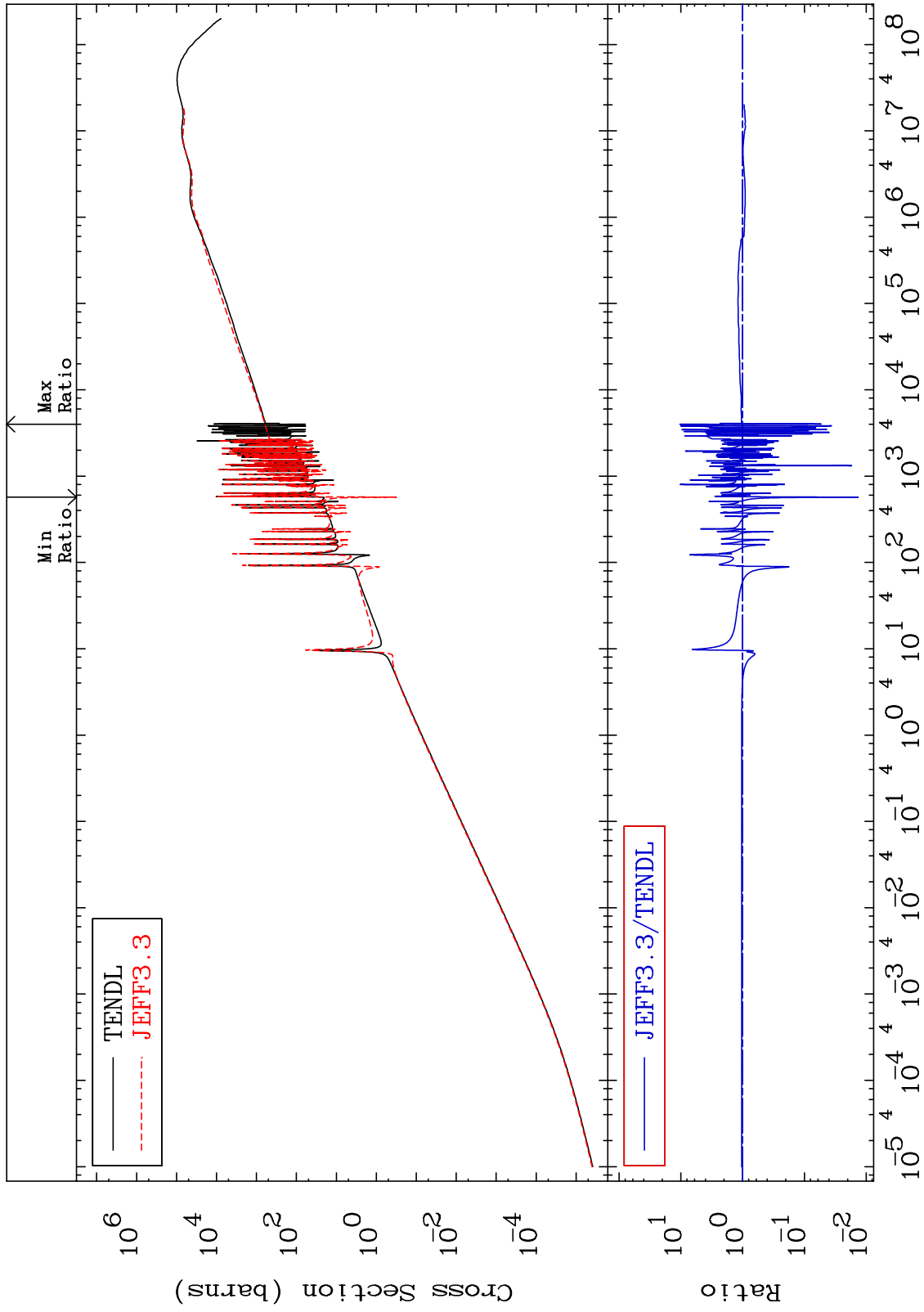
54-Xe-129
-9999. To -11.83%



MAT 5440

Kerma elastic
Cross Section

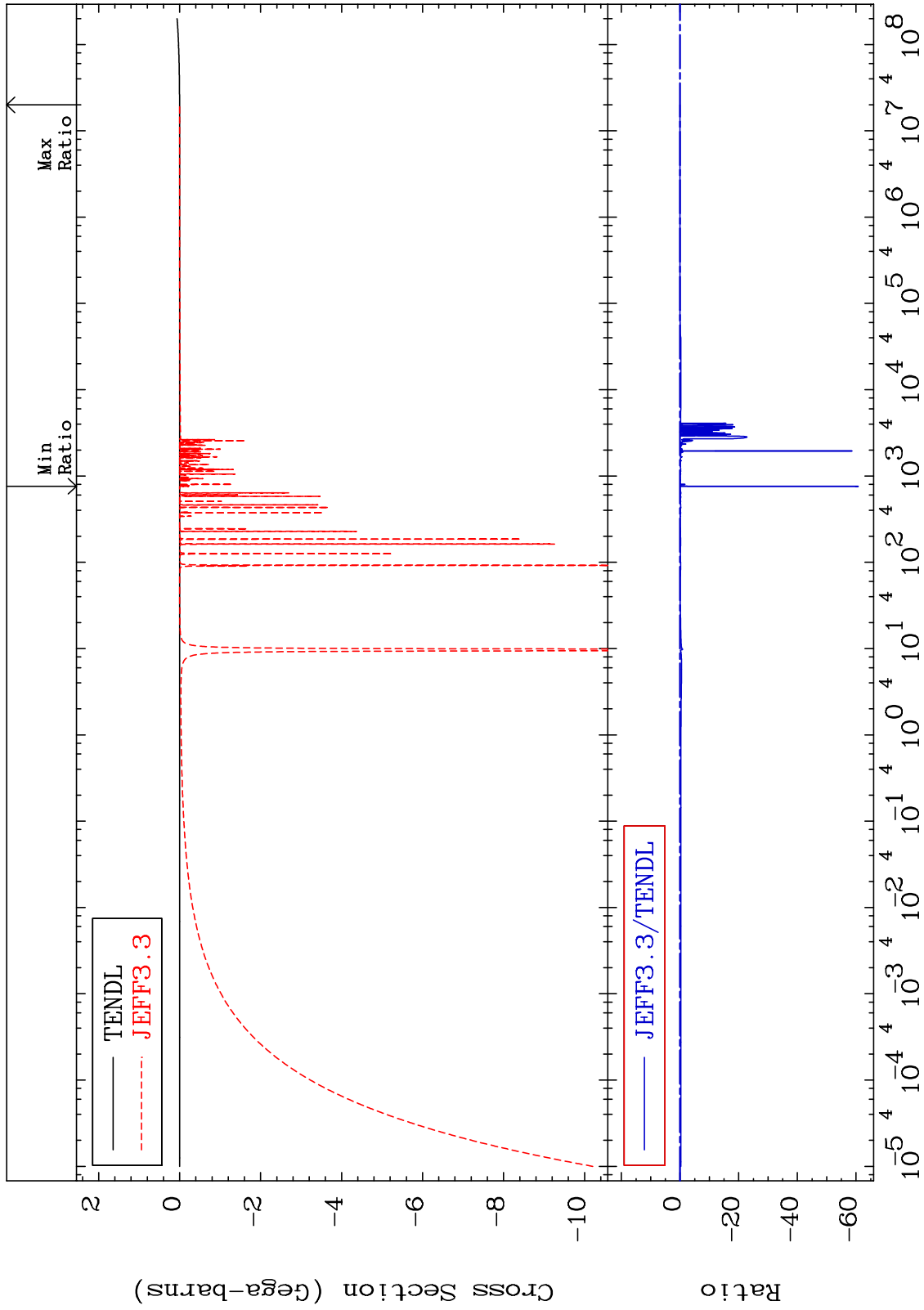
54-Xe-129
-98.66 To 932.8 %



MAT 5440

Kerma non-elastic (all but mt2)
Cross Section

54-Xe-129
-9999. To -12.08%



34

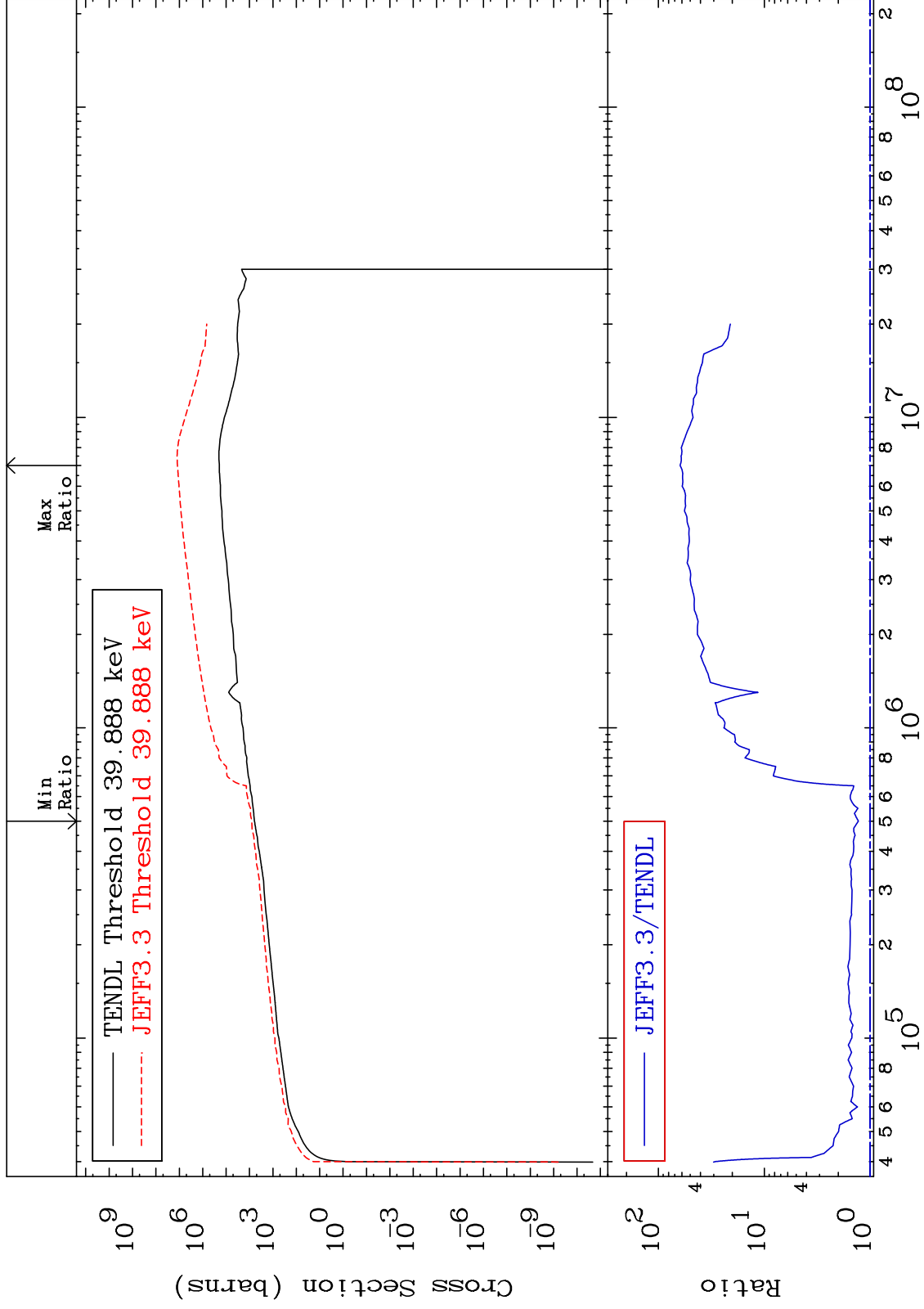
Incident Energy (eV)

54-Xe-129

MAT 5440

Kerma inelastic (mt51-91)
Cross Section

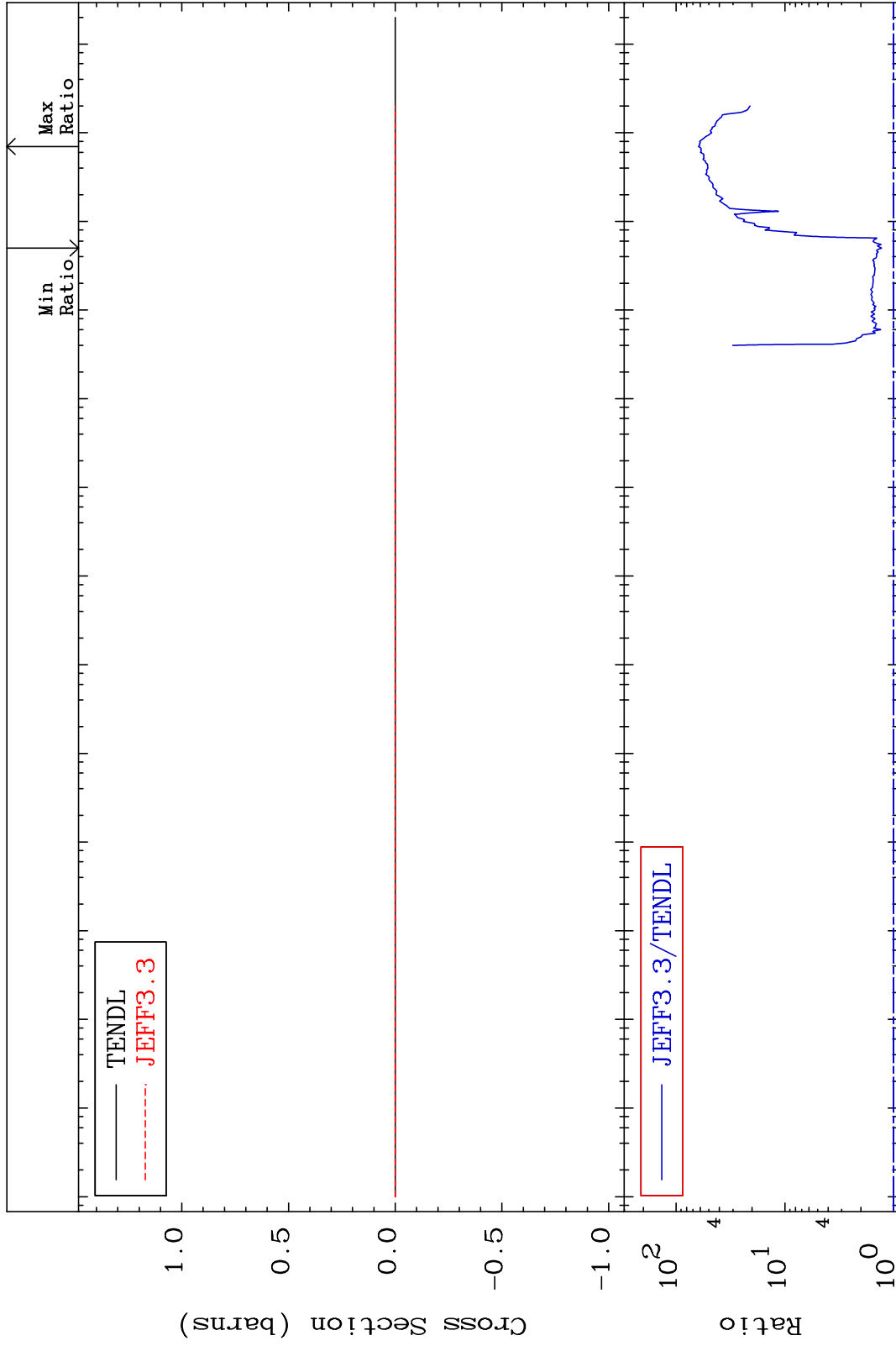
54-Xe-129
28.97 To 6149. %



MAT 5440

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

54-Xe-129
28.97 To 6149. %



36

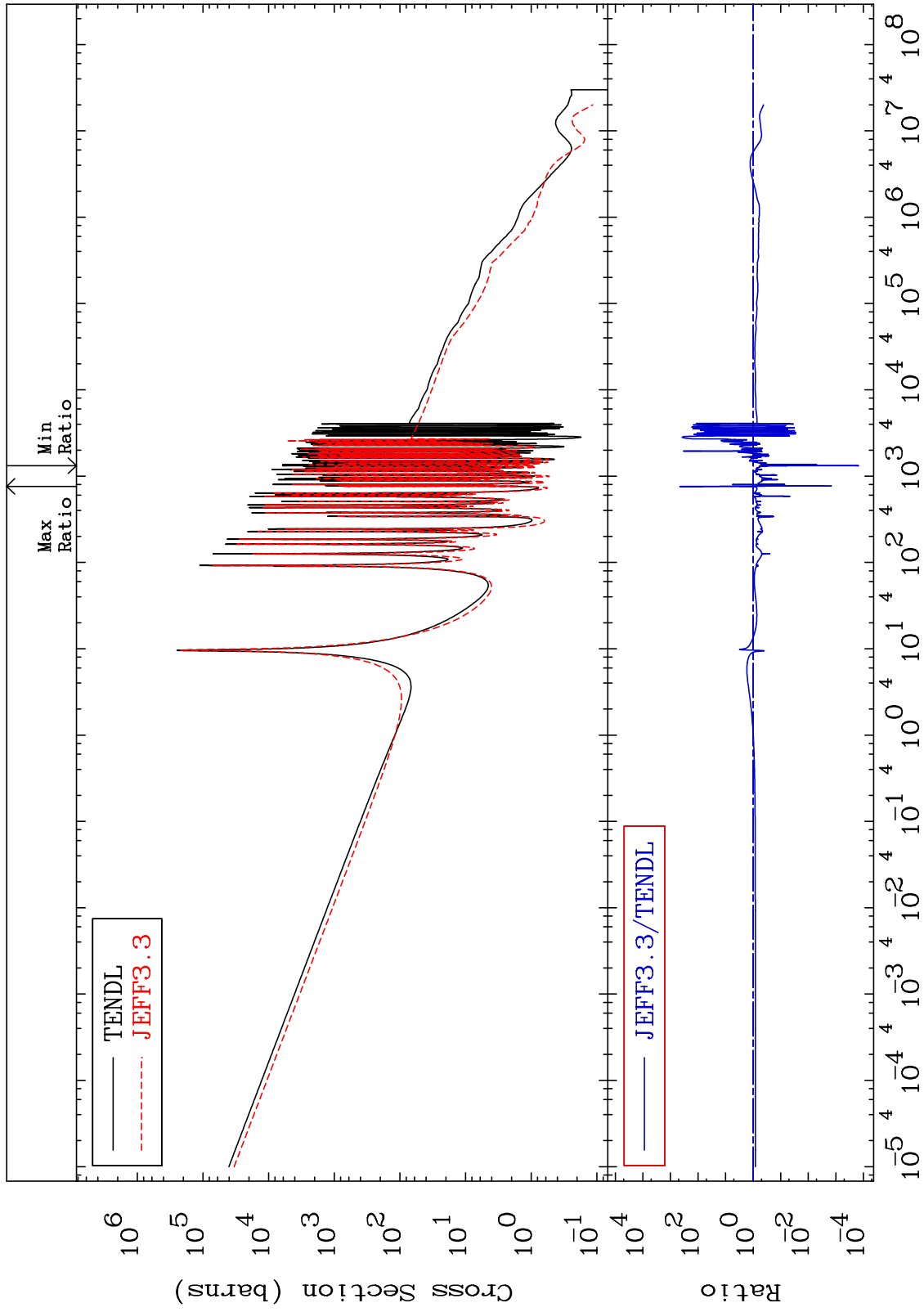
Incident Energy (eV)

54-Xe-129

MAT 5440

Kerma capture (mt102)
Cross Section

54-Xe-129
-99.98 To 9999. %



37

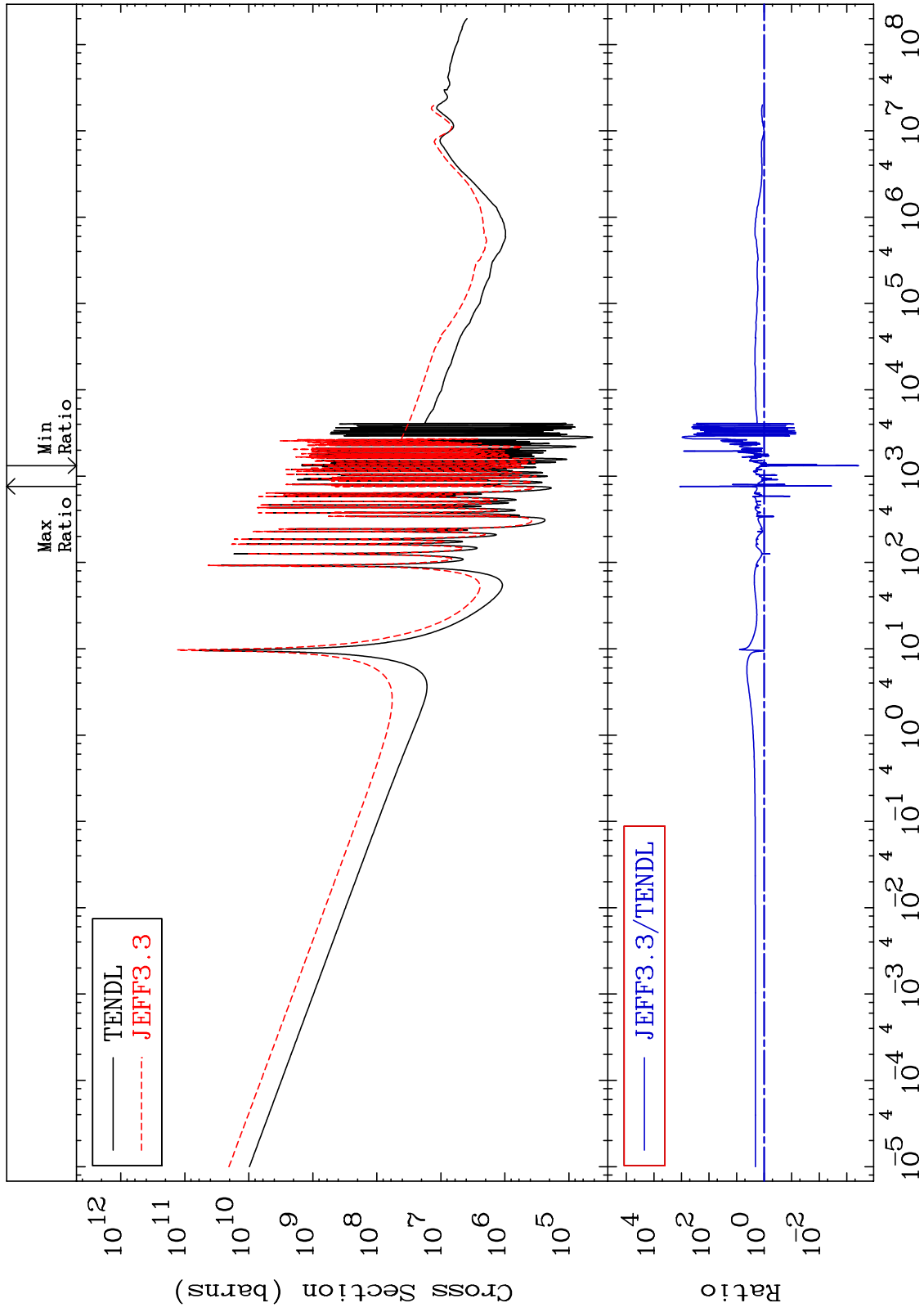
Incident Energy (eV)

54-Xe-129

MAT 5440

Total photon (eV-barns)
Cross Section

54-Xe-129
-99.96 To 9999. %



38

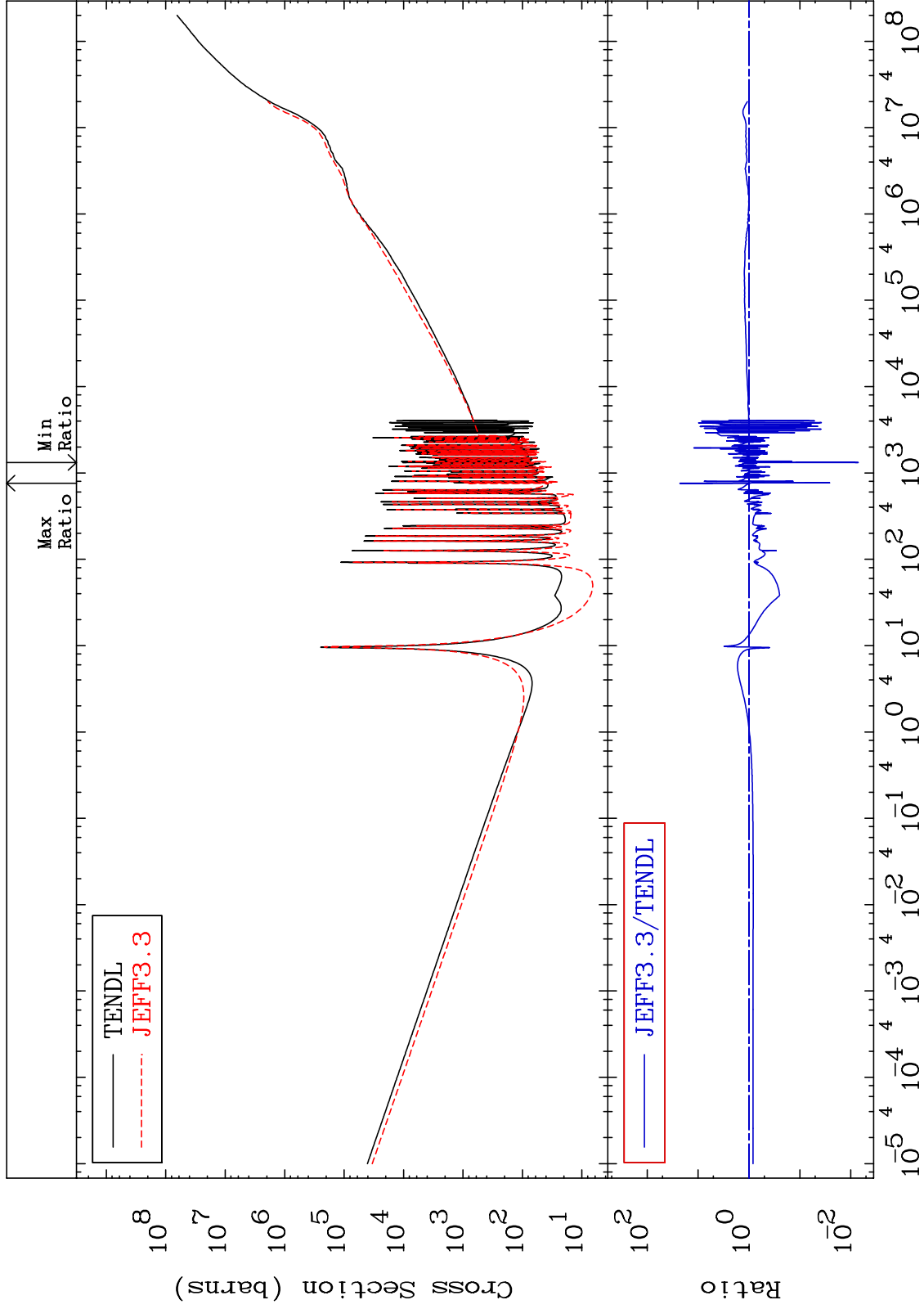
Incident Energy (eV)

54-Xe-129

MAT 5440

Total kinematic kerma (high limit)
Cross Section

54-Xe-129
-99.29 To 2167. %



39

Incident Energy (eV)

54-Xe-129

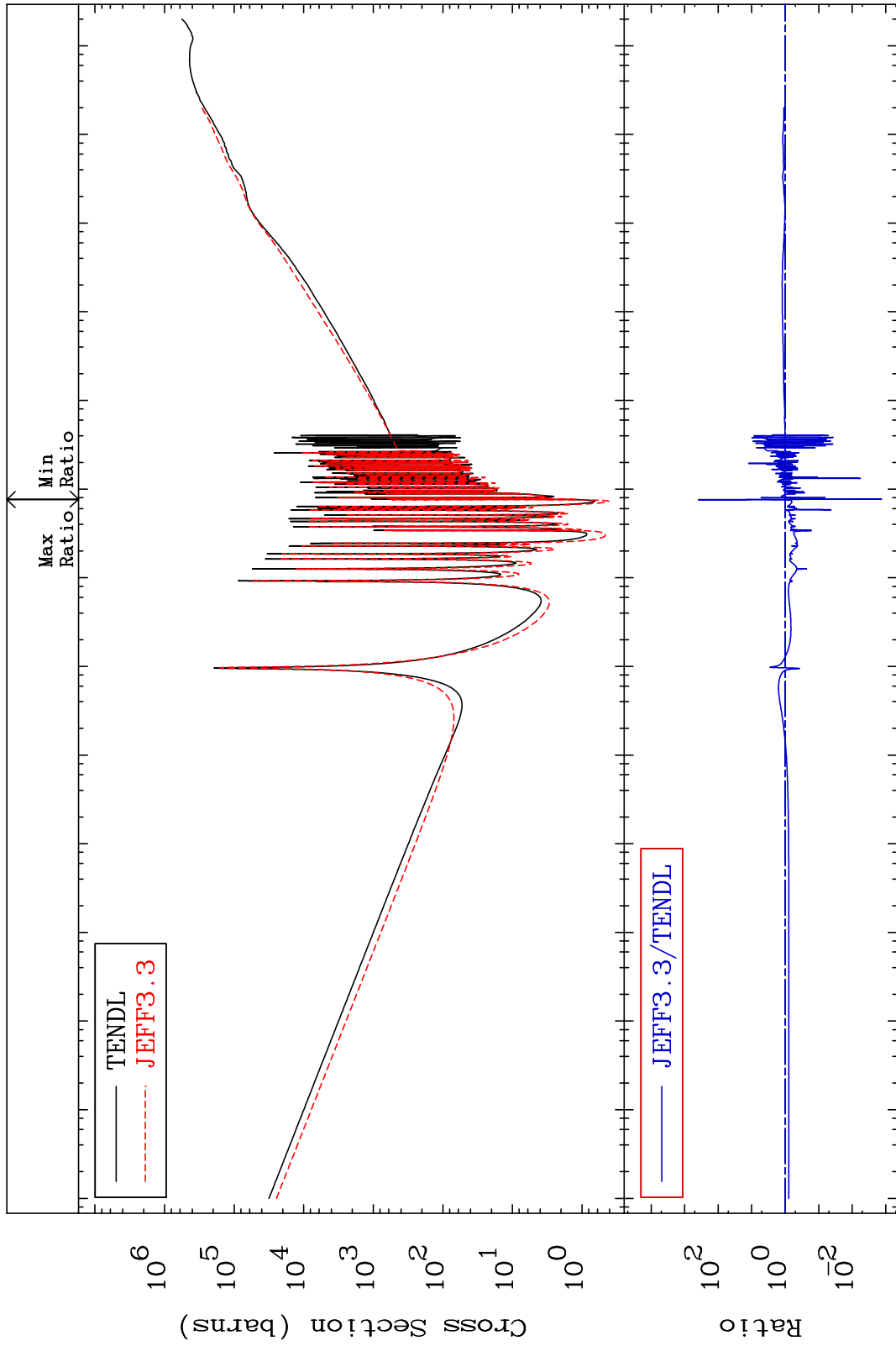
MAT 5440

Dpa total (eV-barns)

54-Xe-129

-99.87 To 9999. %

Cross Section



40

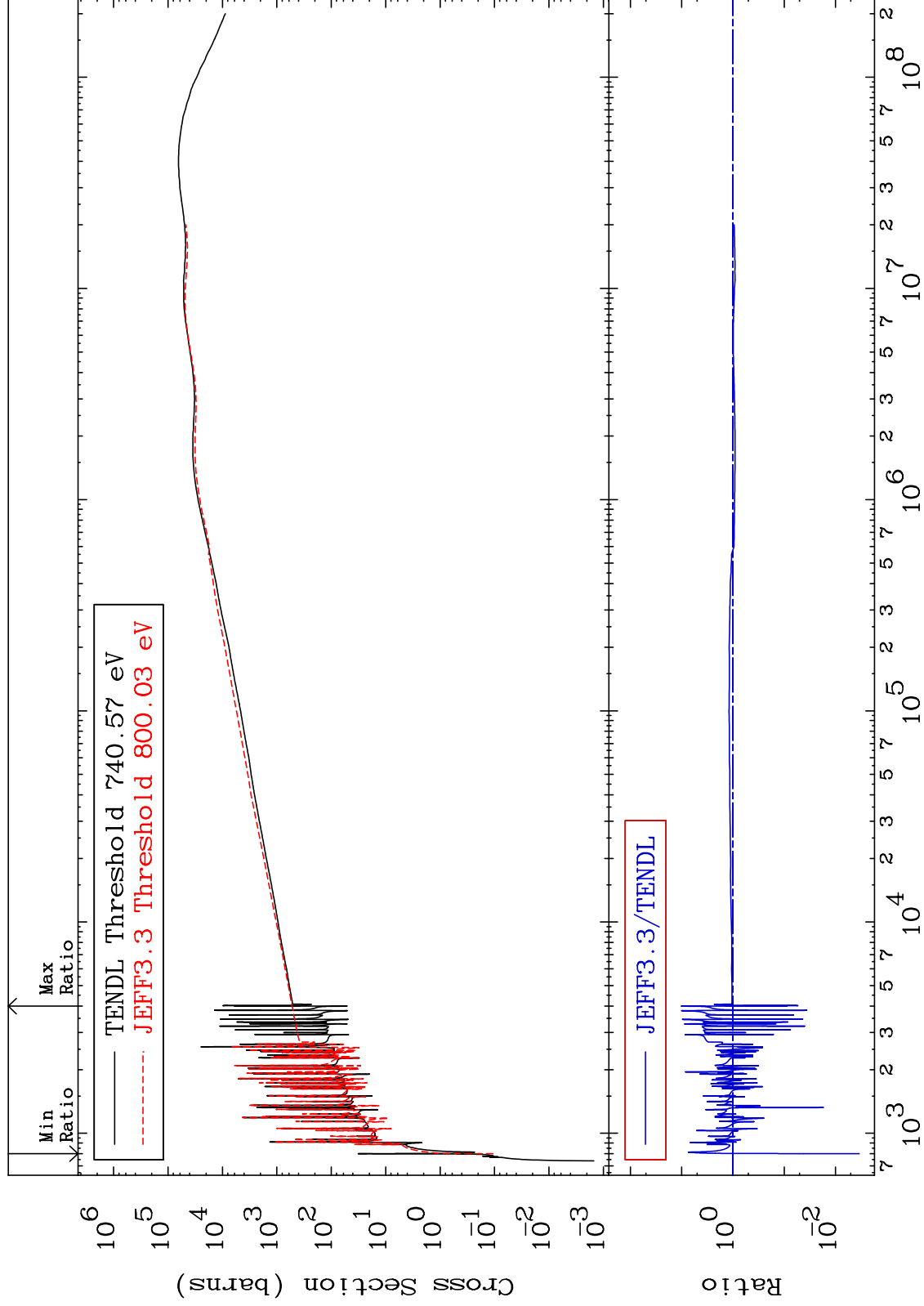
Incident Energy (eV)

54-Xe-129

MAT 5440

Dpa elastic (mt2)
Cross Section

54-Xe-129
-99.66 To 930.5 %



41

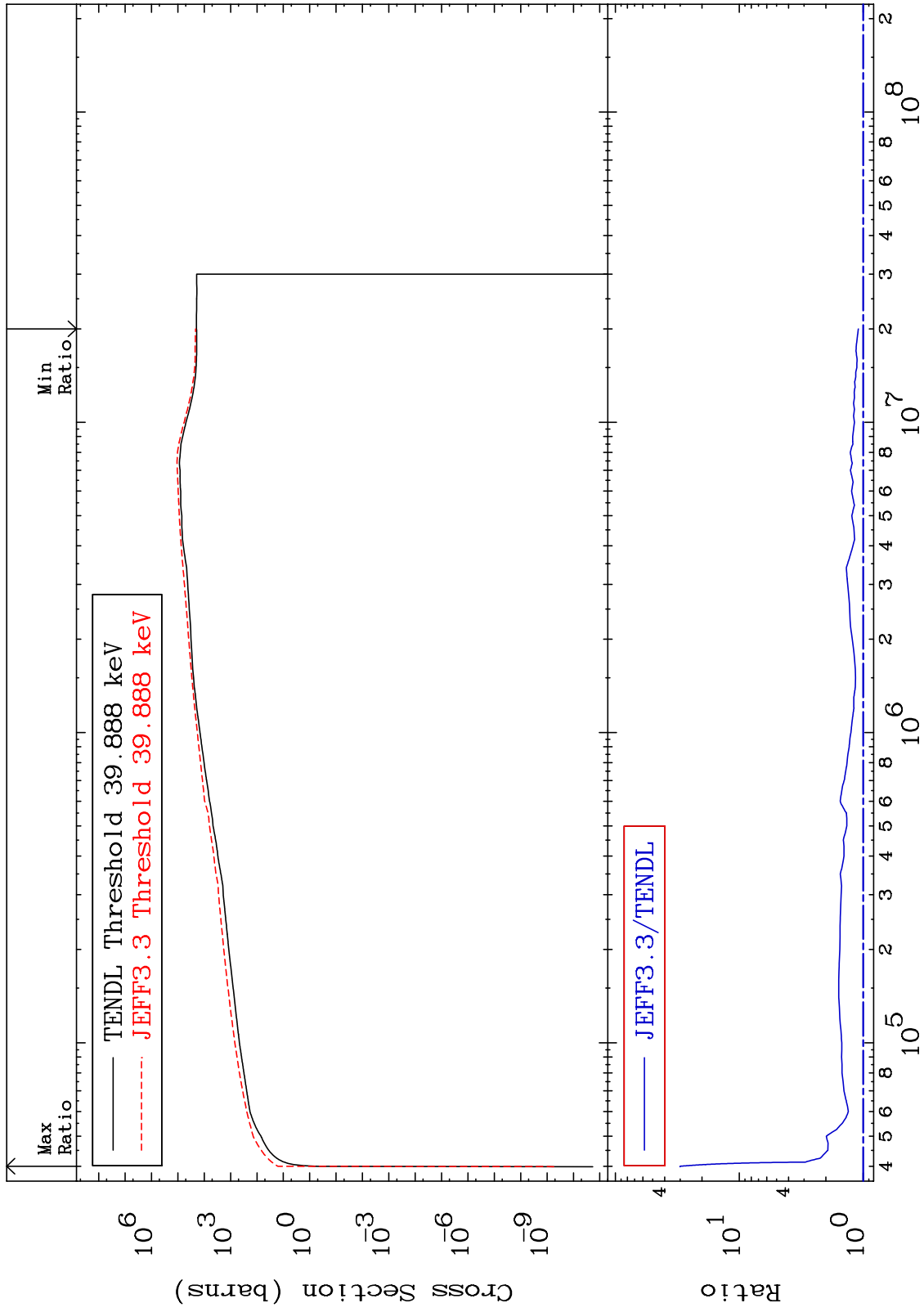
Incident Energy (eV)

54-Xe-129

MAT 5440

Dpa inelastic (mt51-91)
Cross Section

54-Xe-129
9.419 To 2909. %



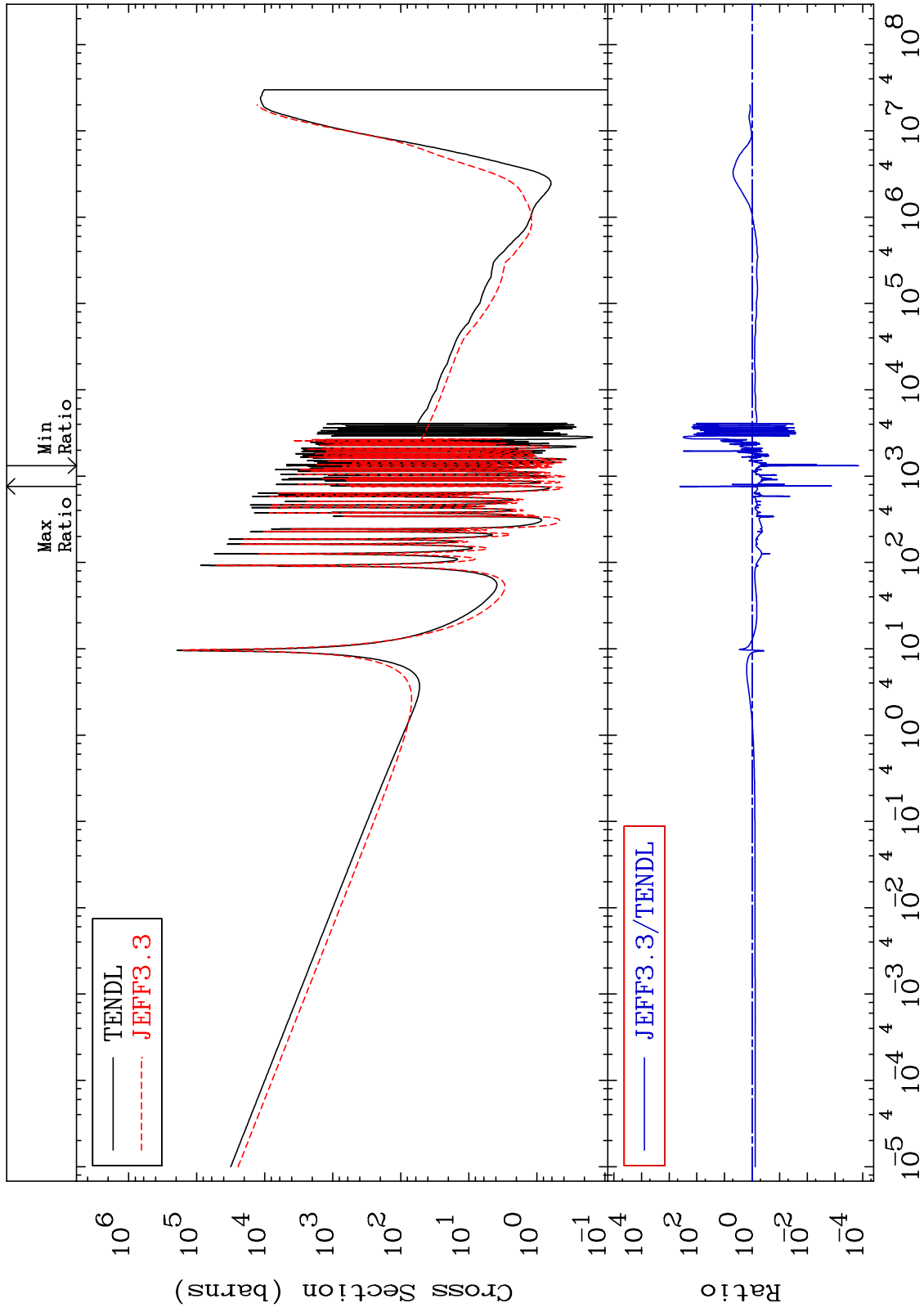
42

54-Xe-129

MAT 5440

Dpa disappearance (mt102 -120)
Cross Section

54-Xe-129
-99.99 To 9999. %



43

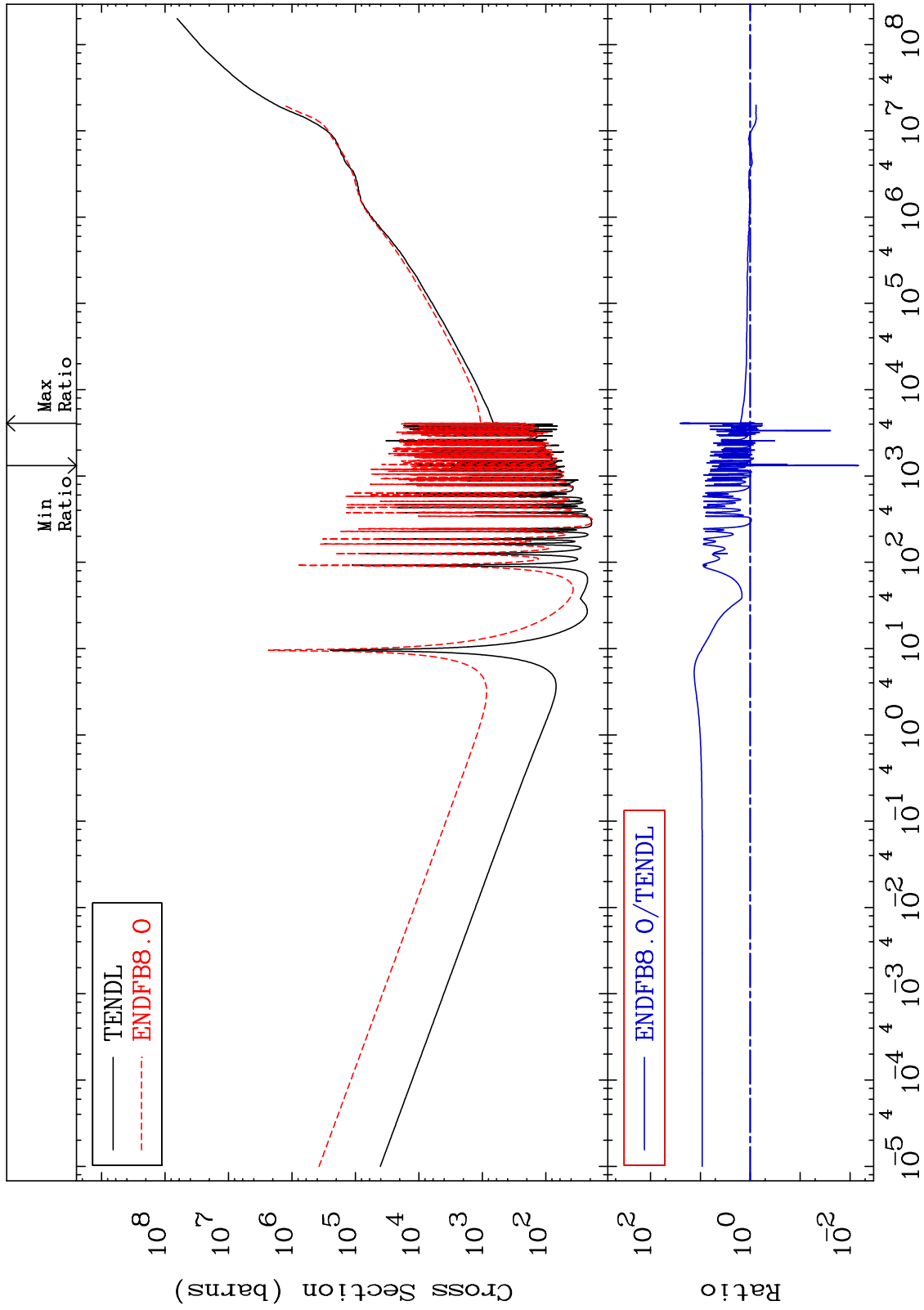
Incident Energy (eV)

54-Xe-129

MAT 5440

Total kinematic kerma (high limit)
Cross Section

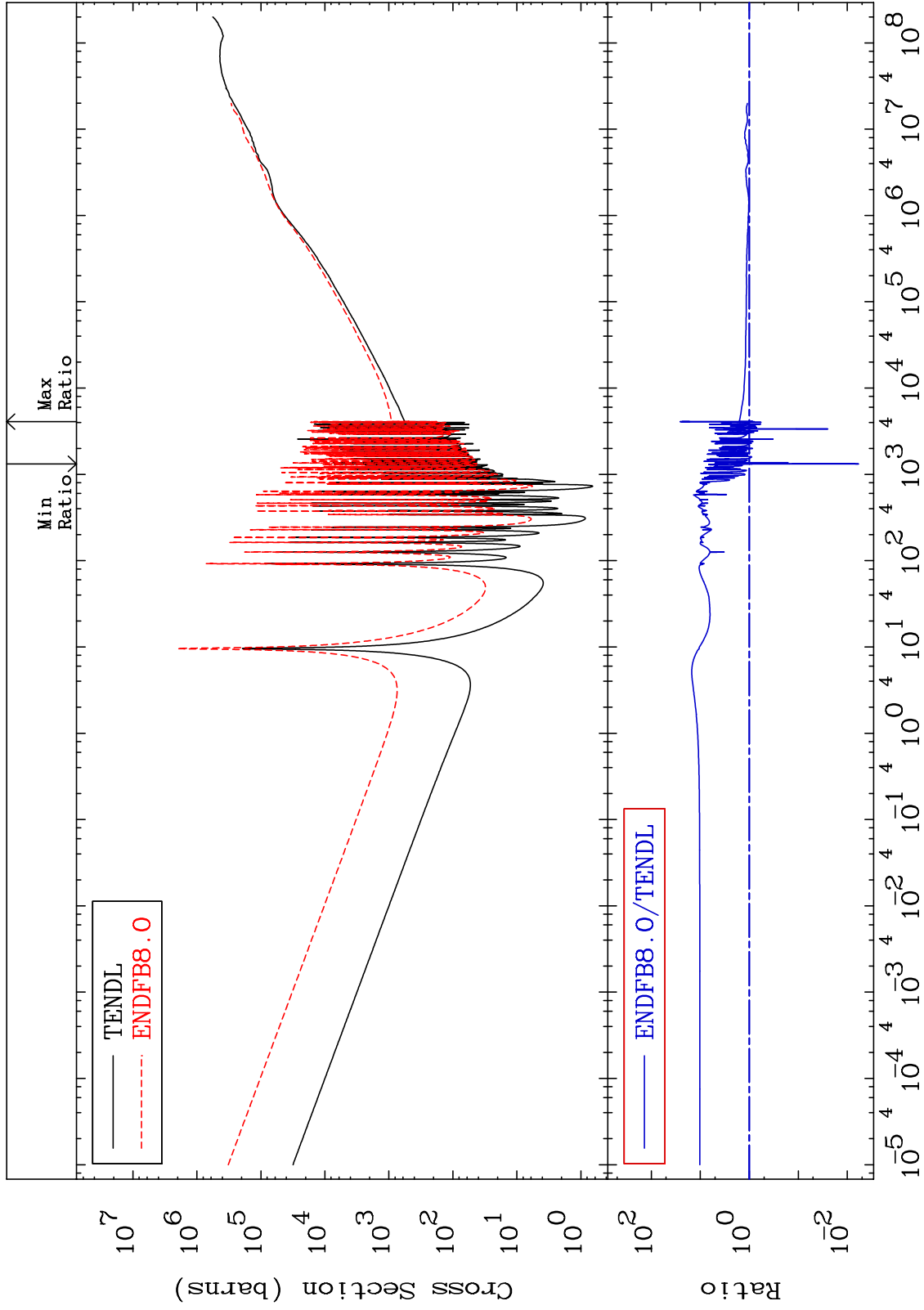
54-Xe-129
-99.32 To 2457. %



MAT 5440

Dpa total (eV-barns)
Cross Section

54-Xe-129
-99.41 To 2491. %



45

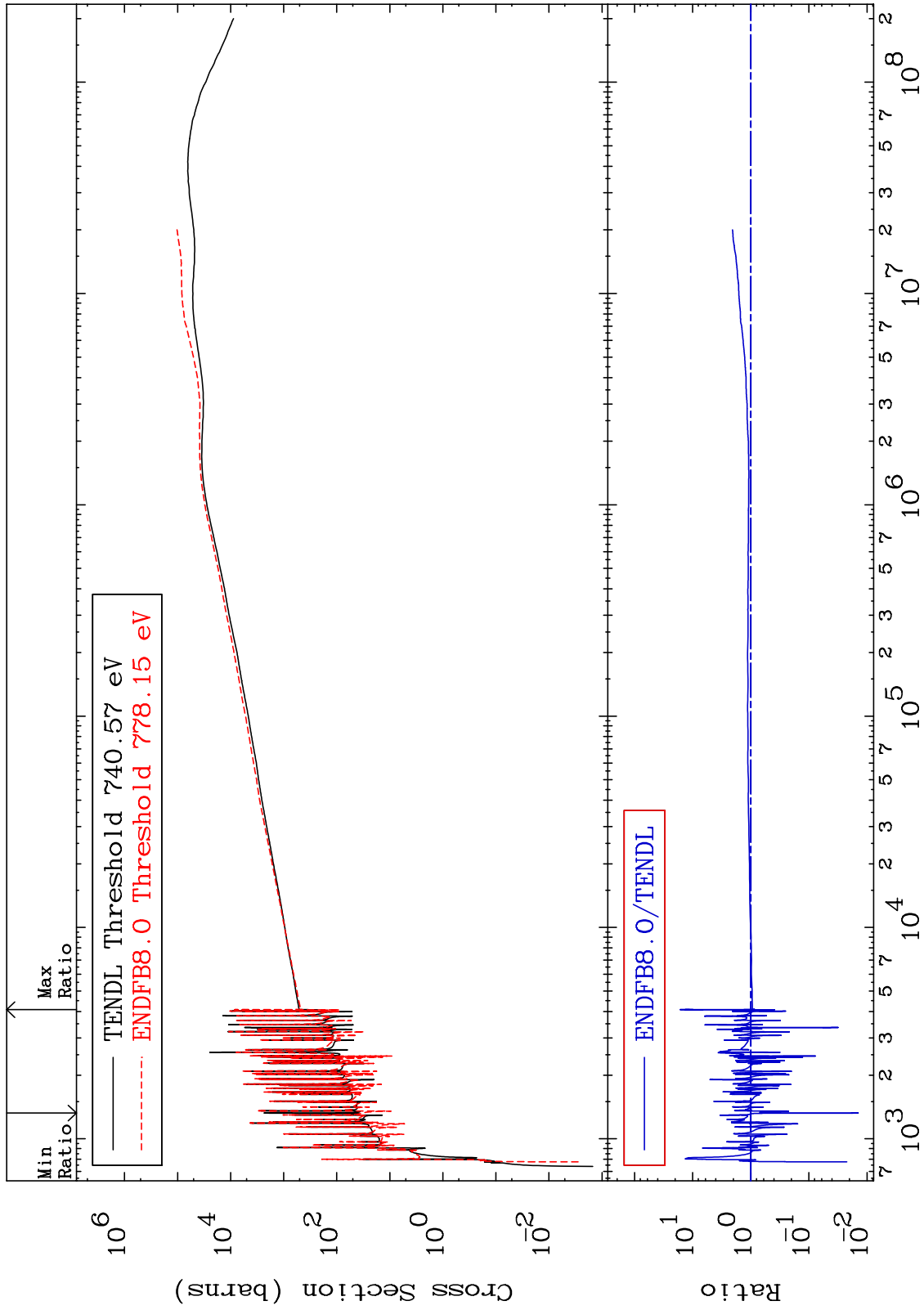
Incident Energy (eV)

54-Xe-129

MAT 5440

Dpa elastic (mt2)
Cross Section

54-Xe-129
-98.59 To 1552. %



46

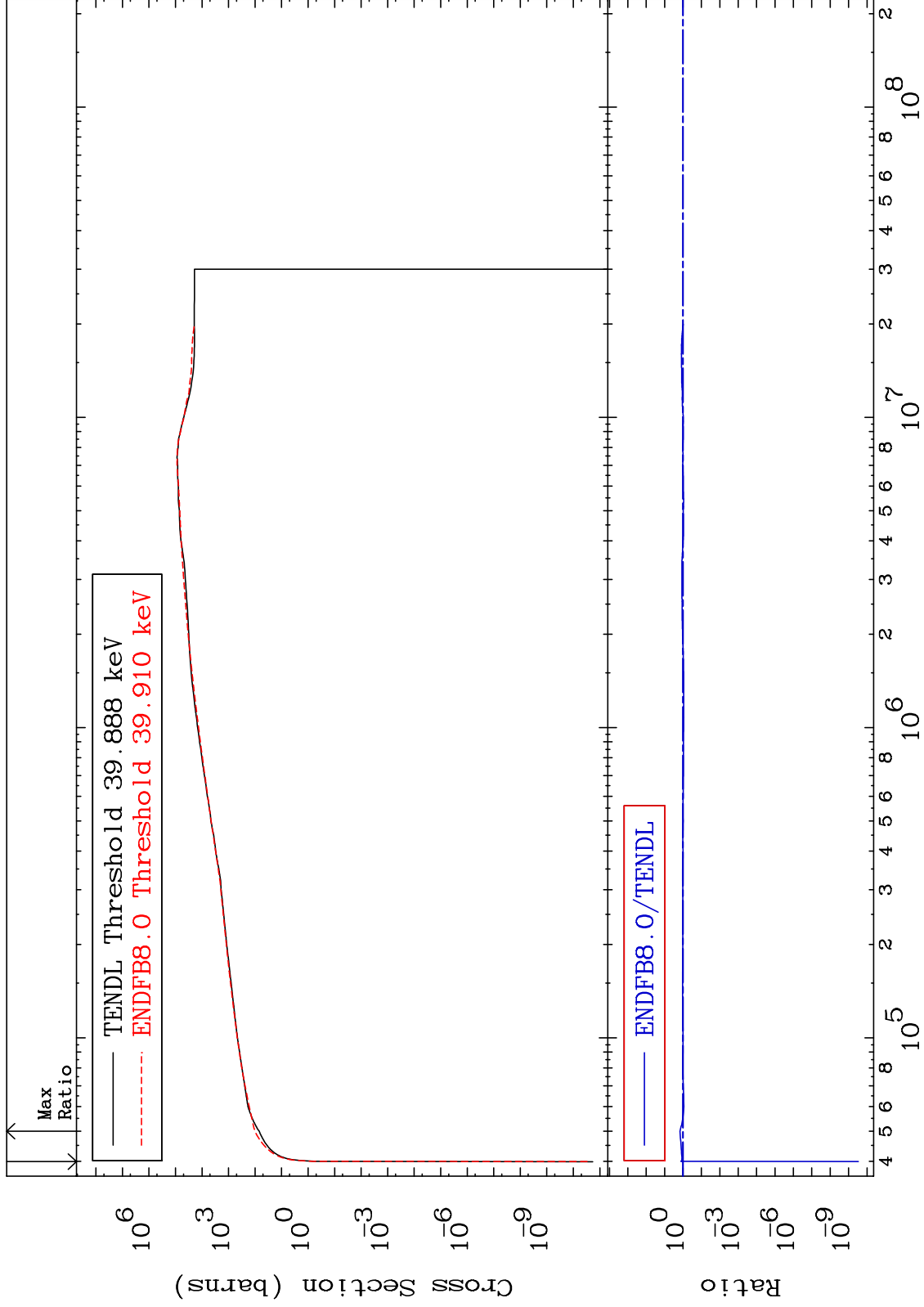
Incident Energy (eV)

54-Xe-129

MAT 5440

Dpa inelastic (mt51-91)
Cross Section

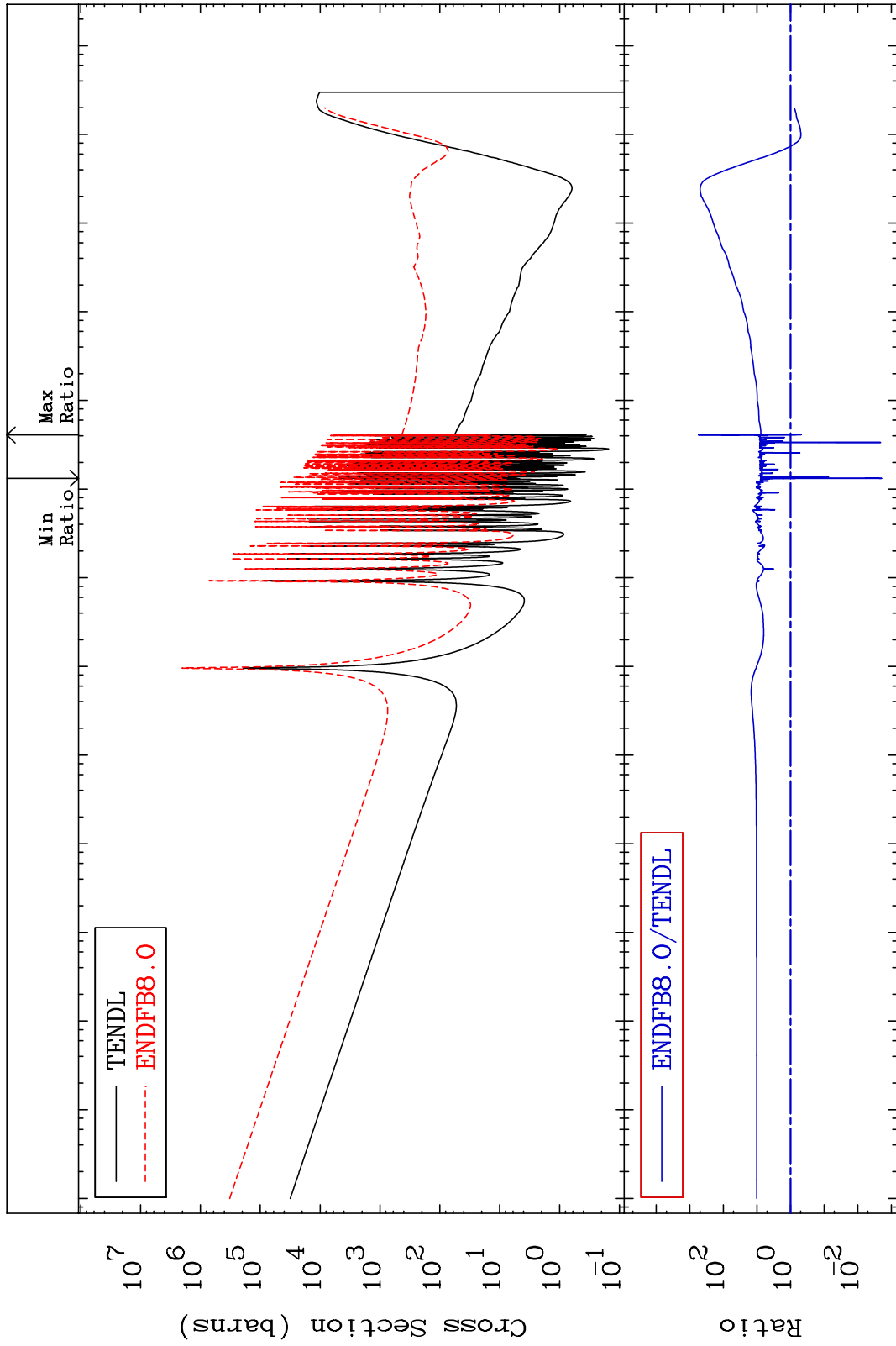
54-Xe-129
-100.0 To 45.69 %



MAT 5440

Dpa disappearance (mt102 -120)
Cross Section

54-Xe-129
-99.80 To 9999. %



48

Incident Energy (eV)

54-Xe-129