

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

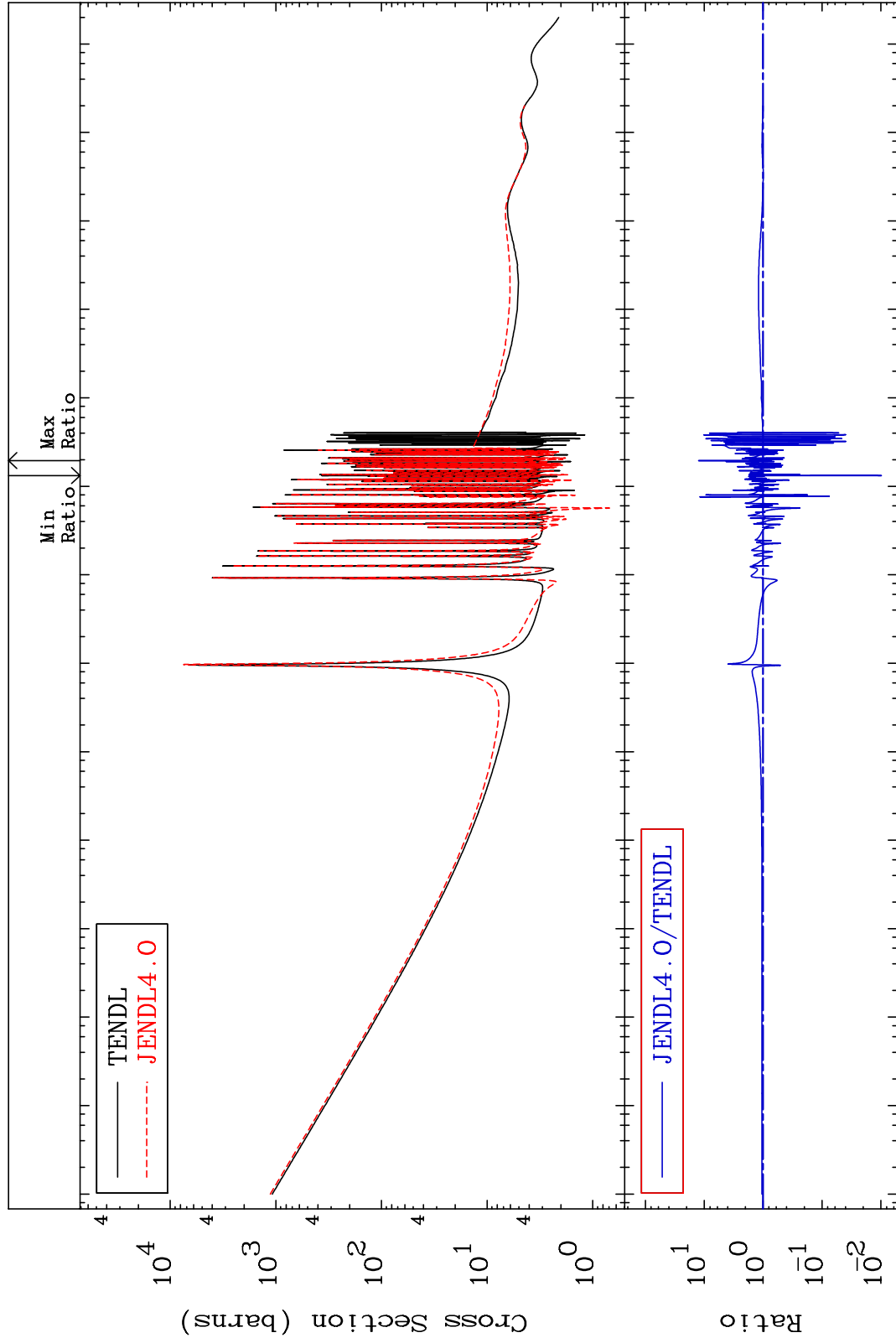
MAT 5440

Total

54-Xe-129

-99.03 To 1143. %

Cross Section



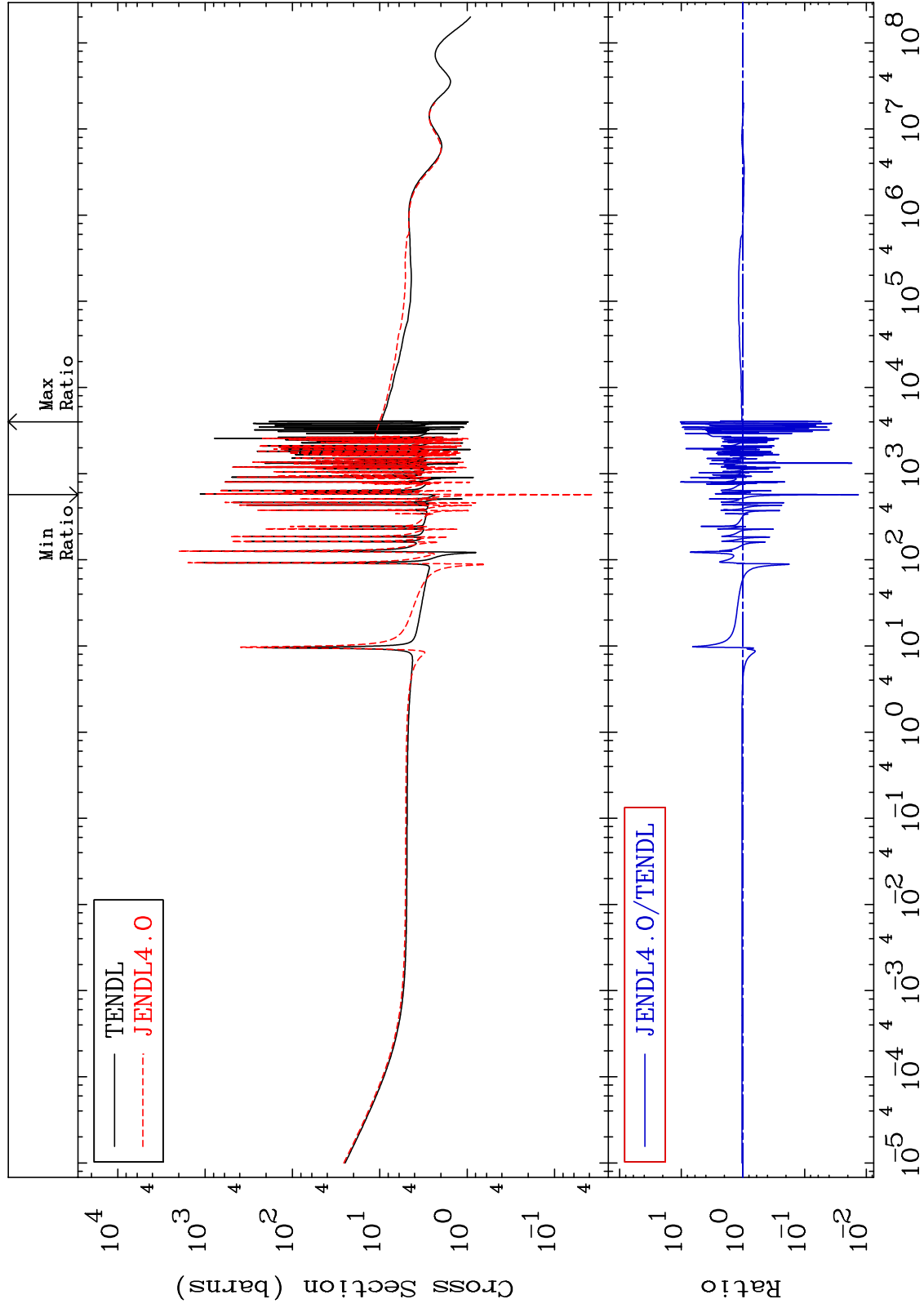
Incident Energy (eV)

54-Xe-129

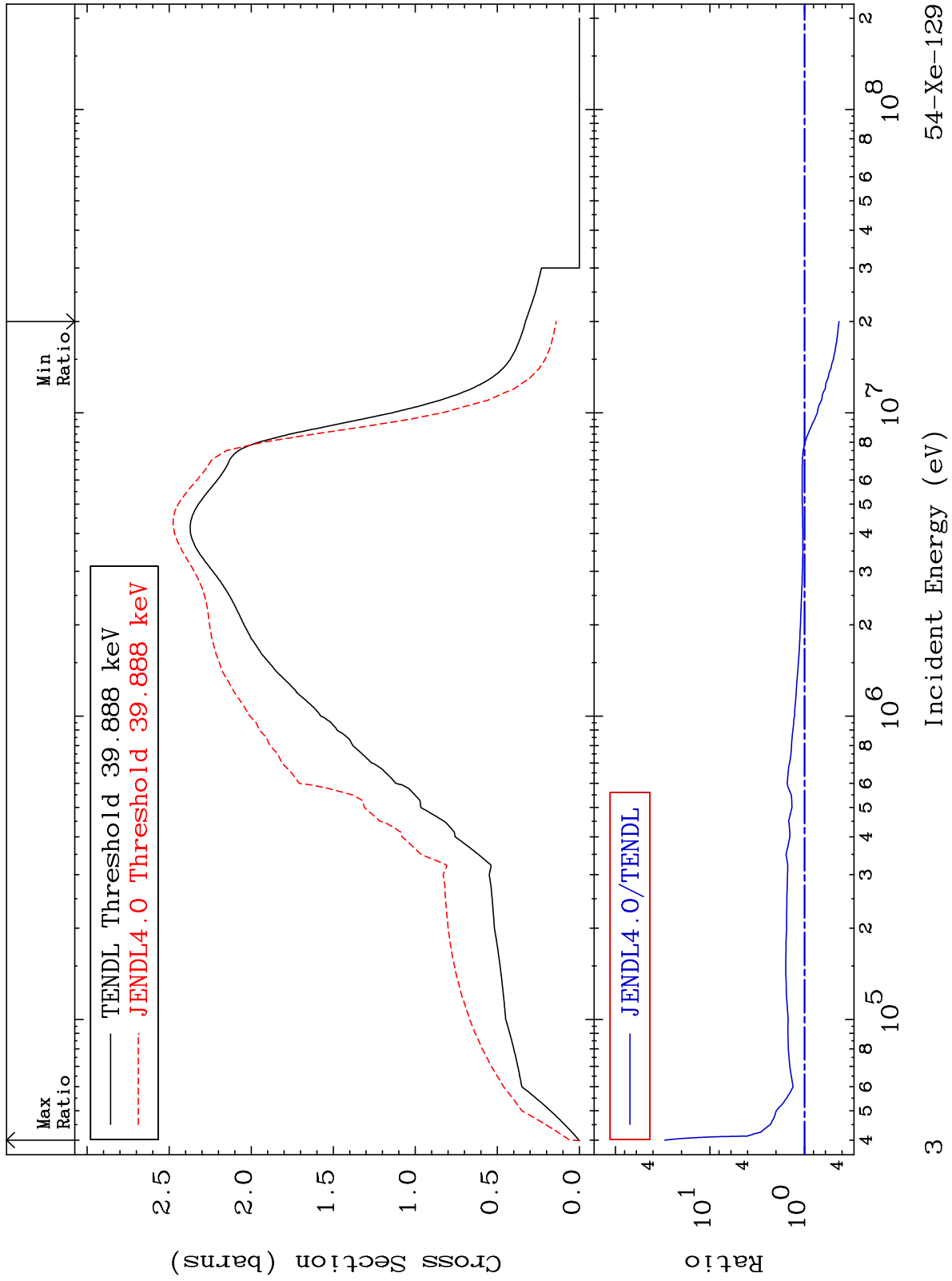
MAT 5440

Elastic  
Cross Section

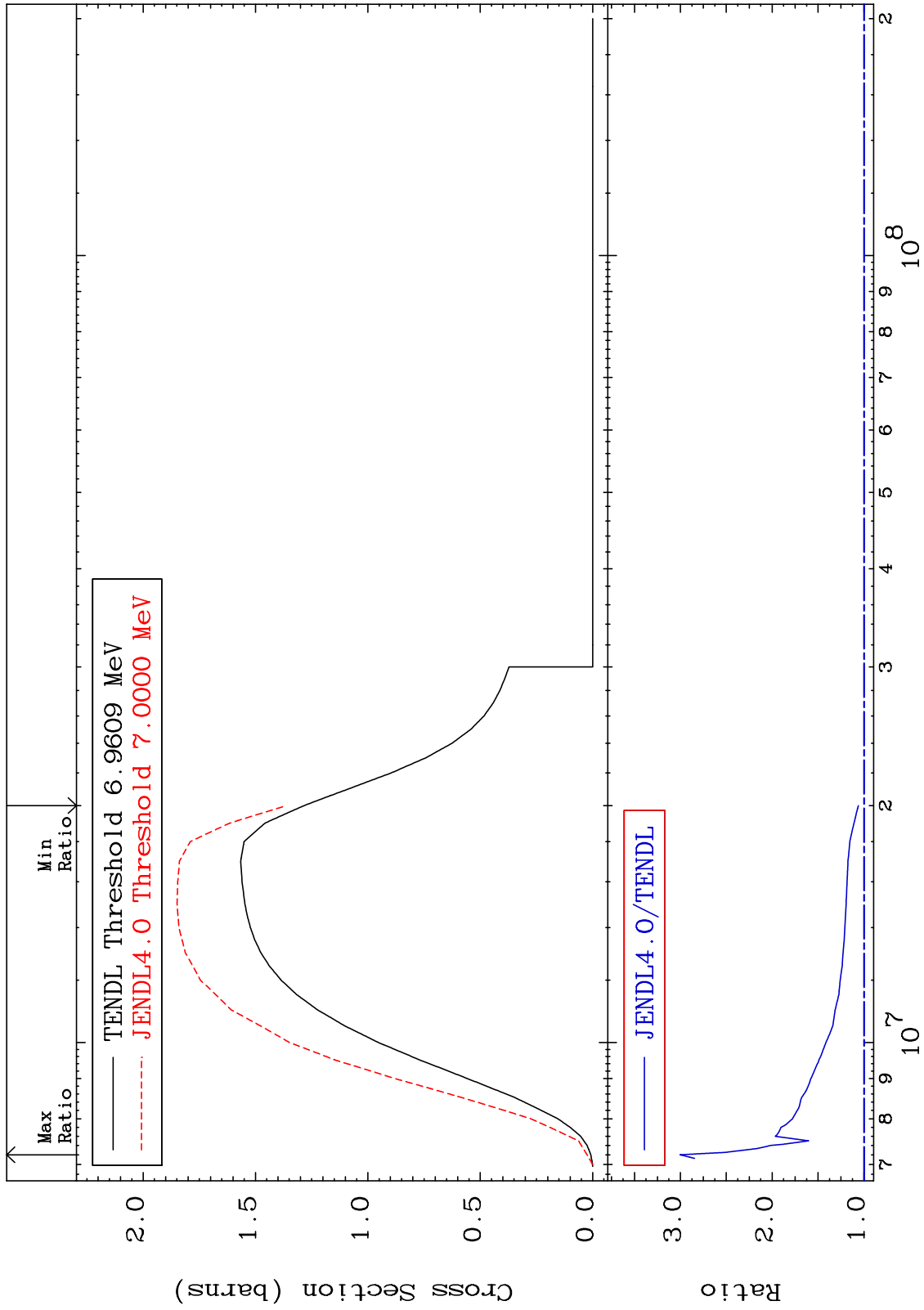
54-Xe-129  
-98.66 To 932.7 %



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



MAT 5440 (n,2n) Cross Section 54-Xe-129 To 200.4 % 6.028



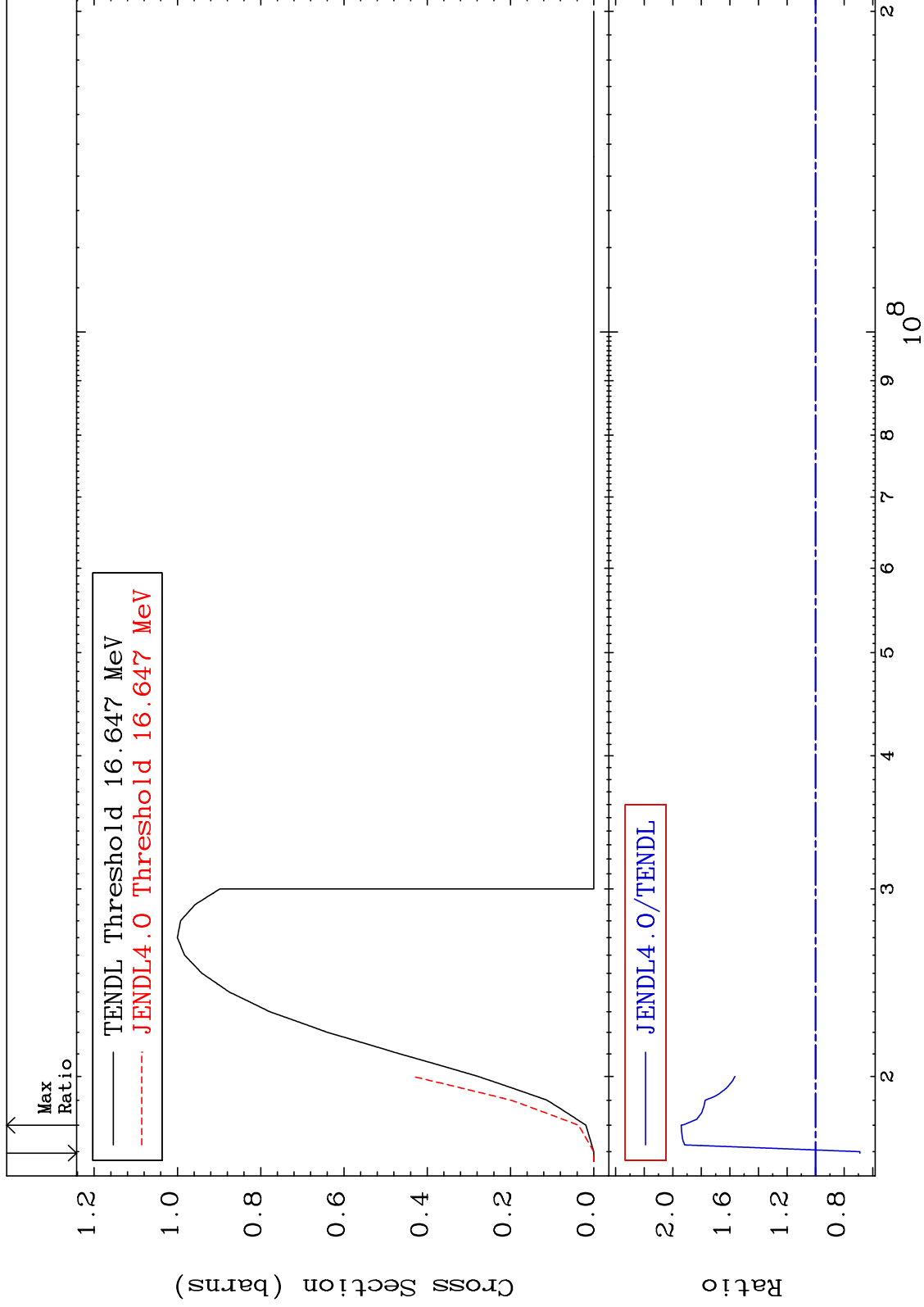
MAT 5440

(n,3n)

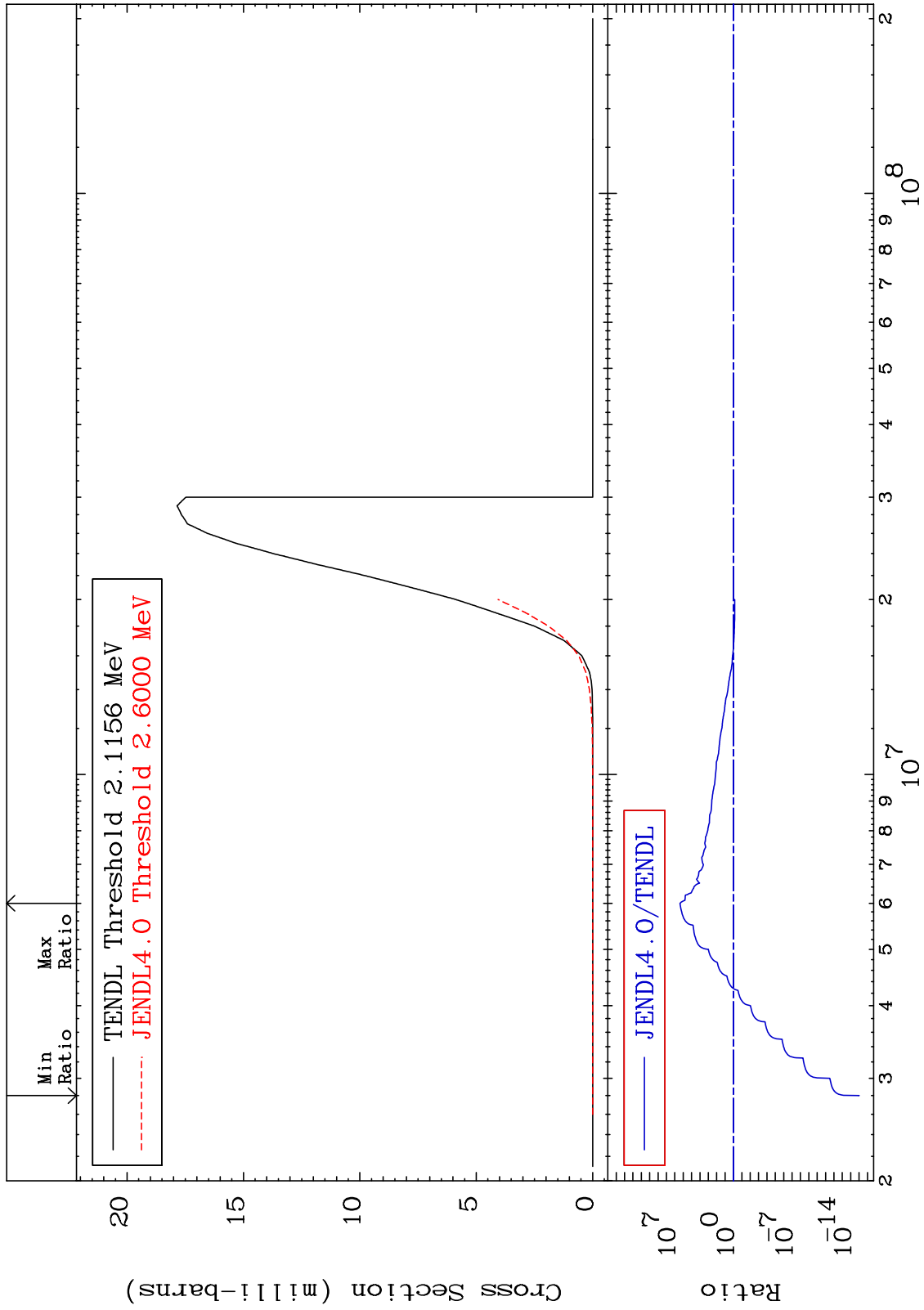
54-Xe-129

Cross Section

-31.03 To 94.08 %



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



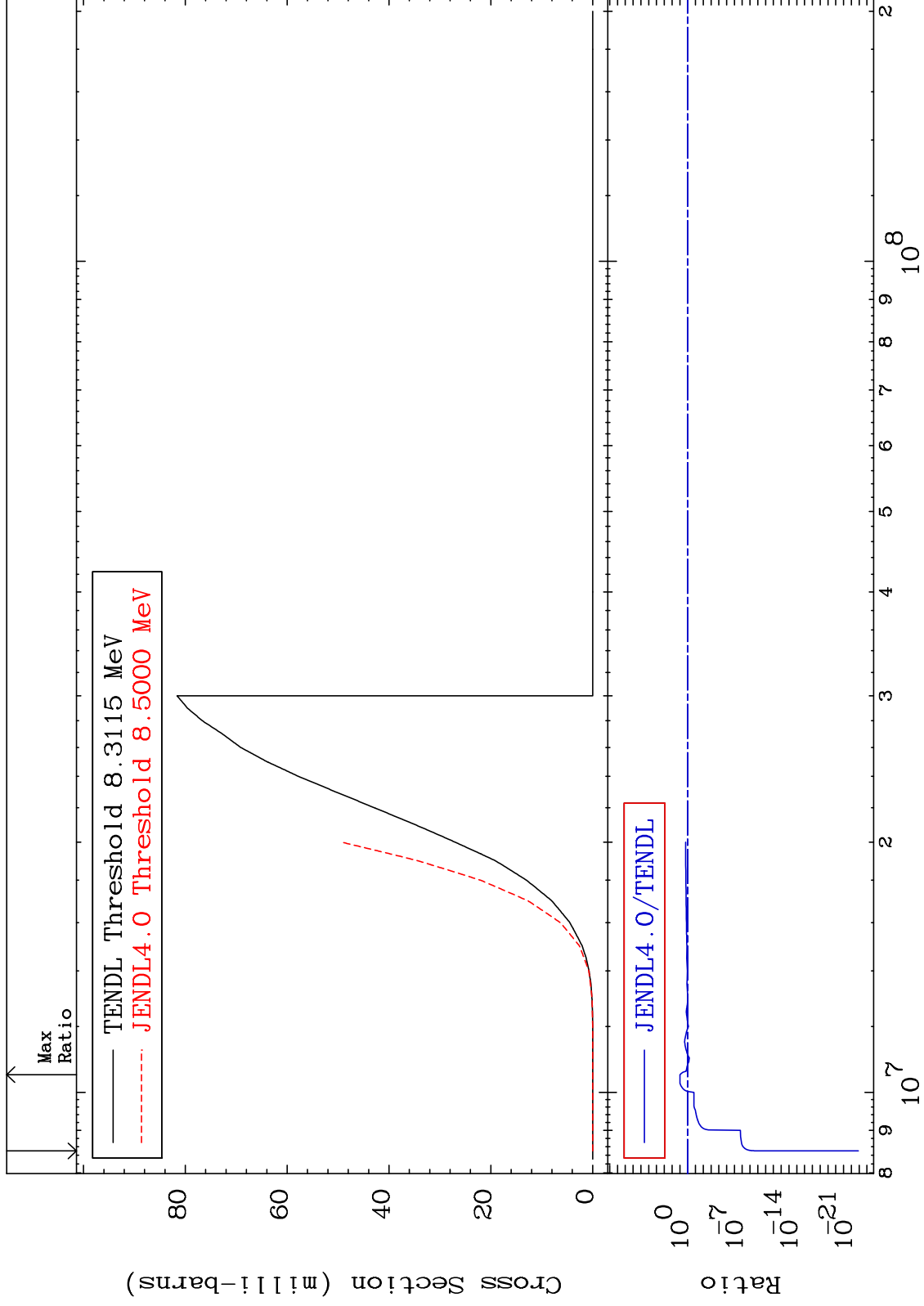
MAT 5440

(n,n') p

54-Xe-129

Cross Section

-100.0 To 852.8 %



Incident Energy (eV)

54-Xe-129

7



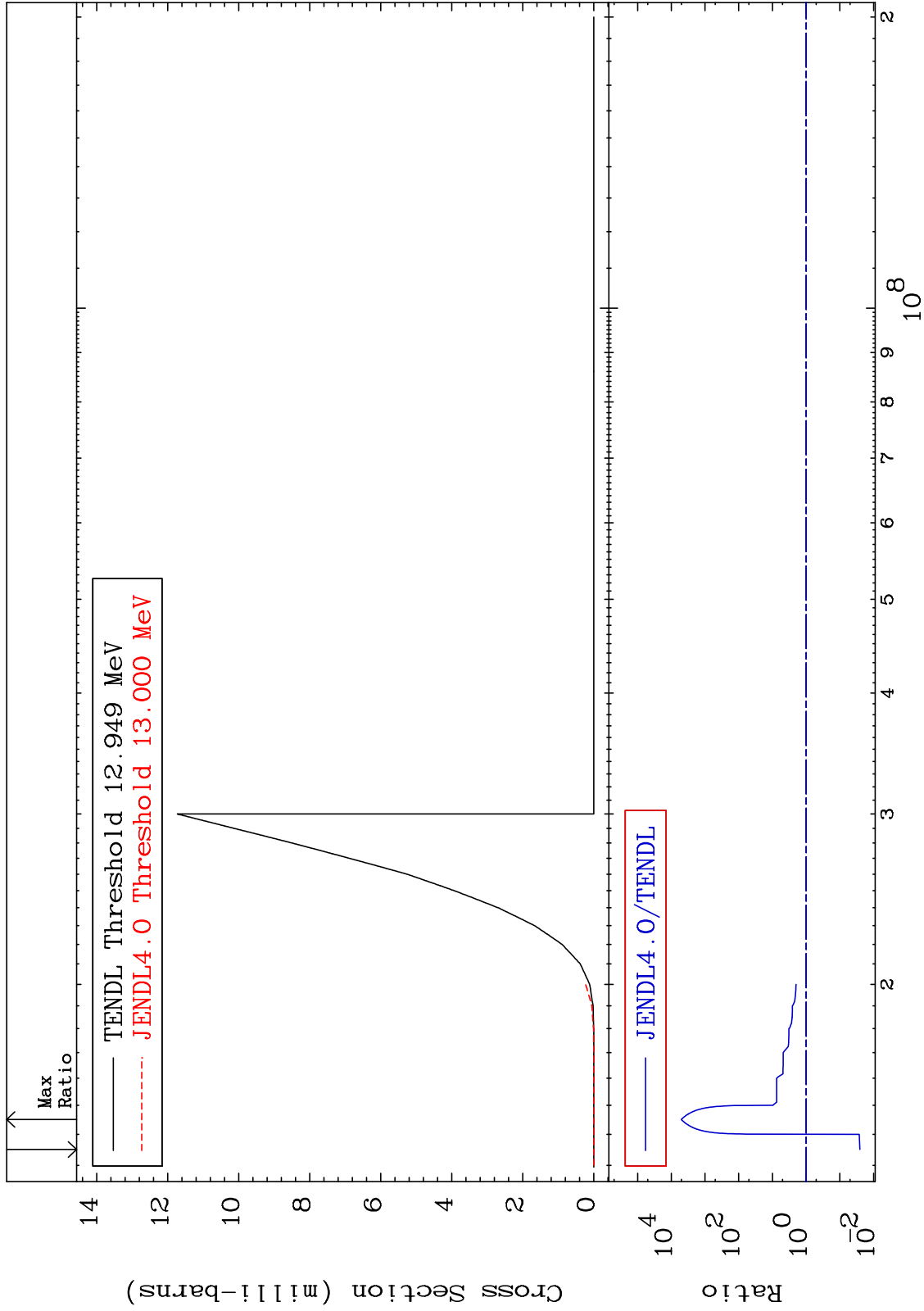
MAT 5440

(n, n') d

54-Xe-129

Cross Section

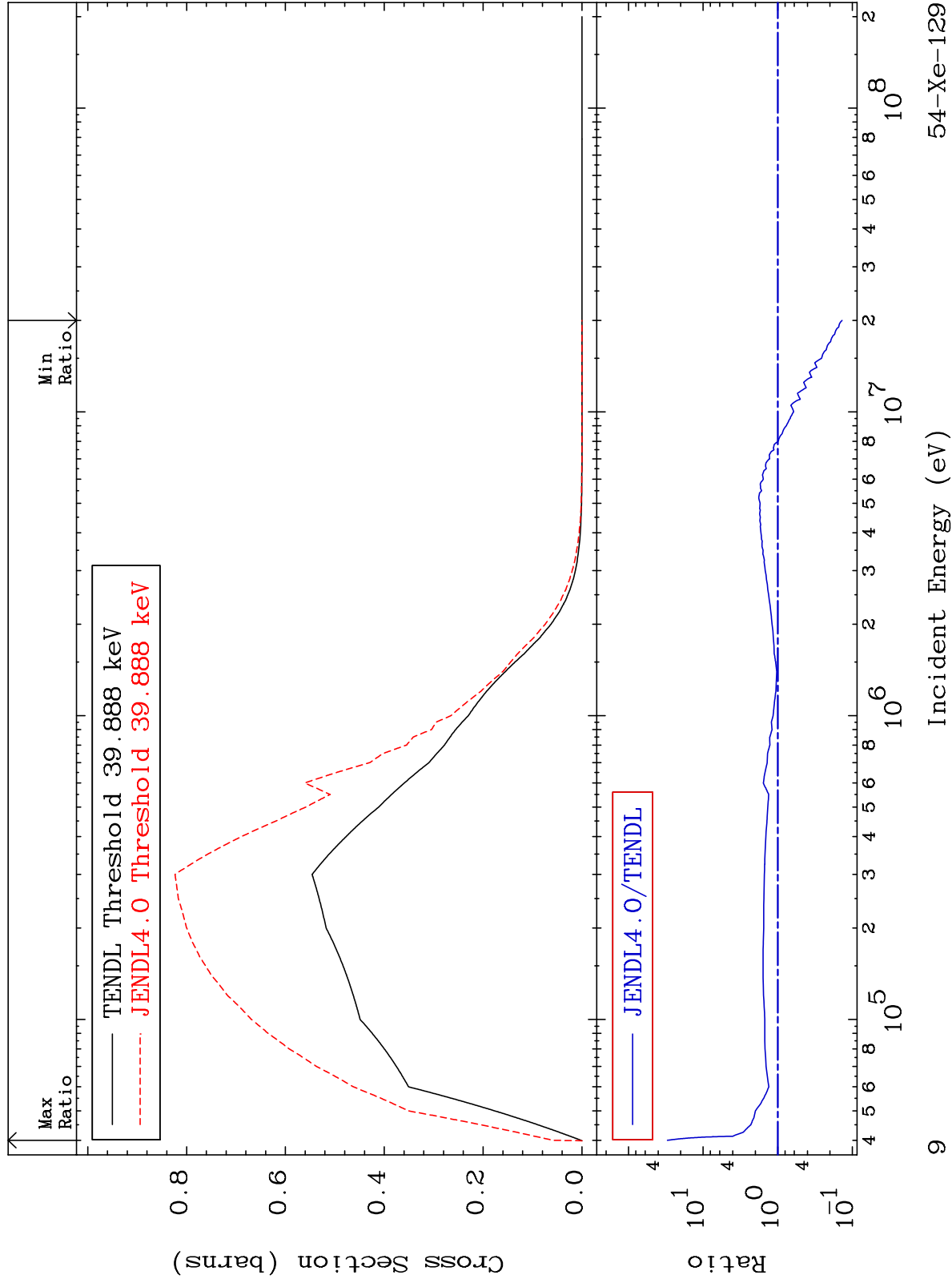
-97.46 To 9999. %



MAT 5440

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

54-Xe-129  
-86.30 To 2909. %



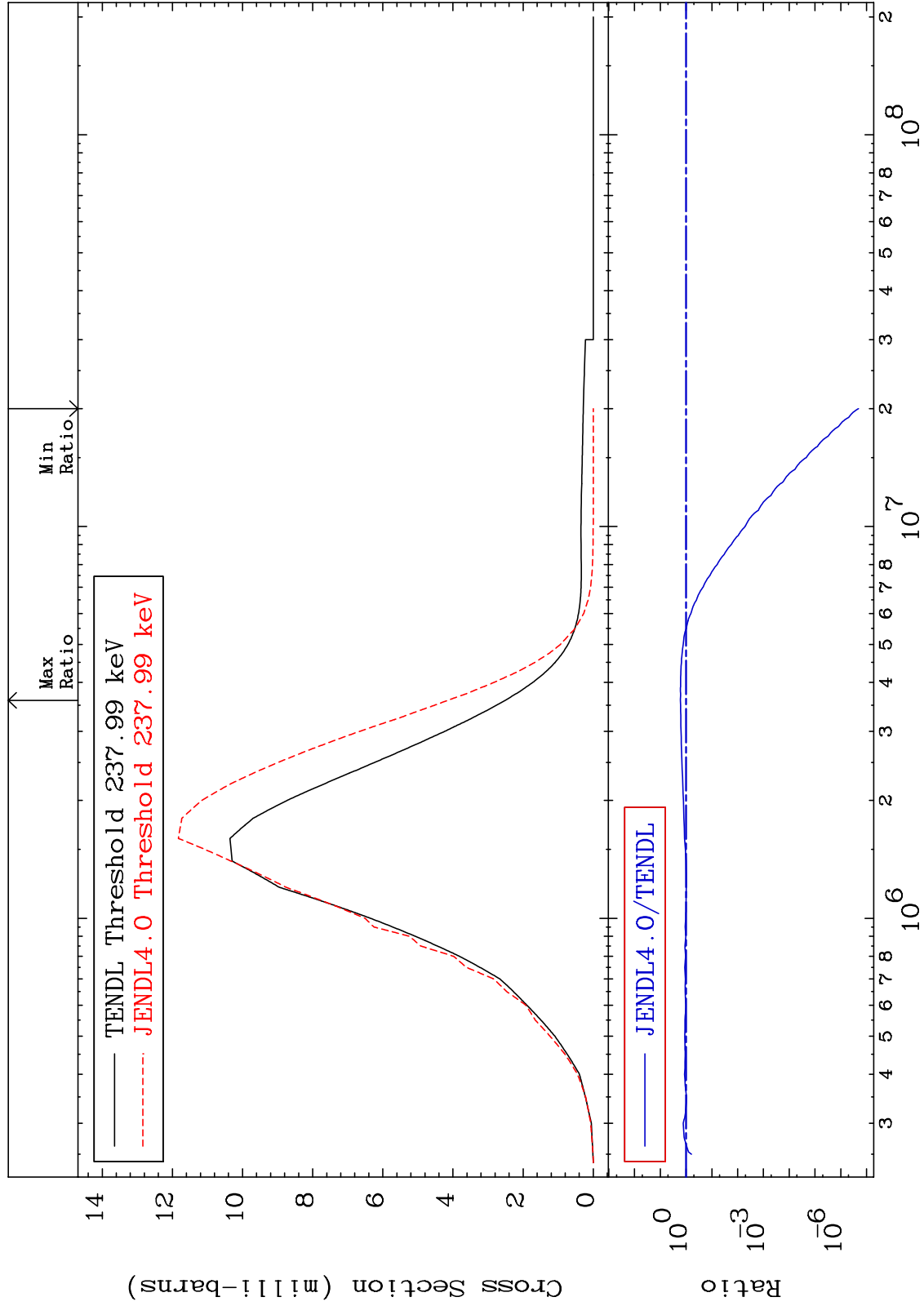
MAT 5440

MT= 52 (n,n') Level

54-Xe-129

-100.0 To 65.48 %

Cross Section

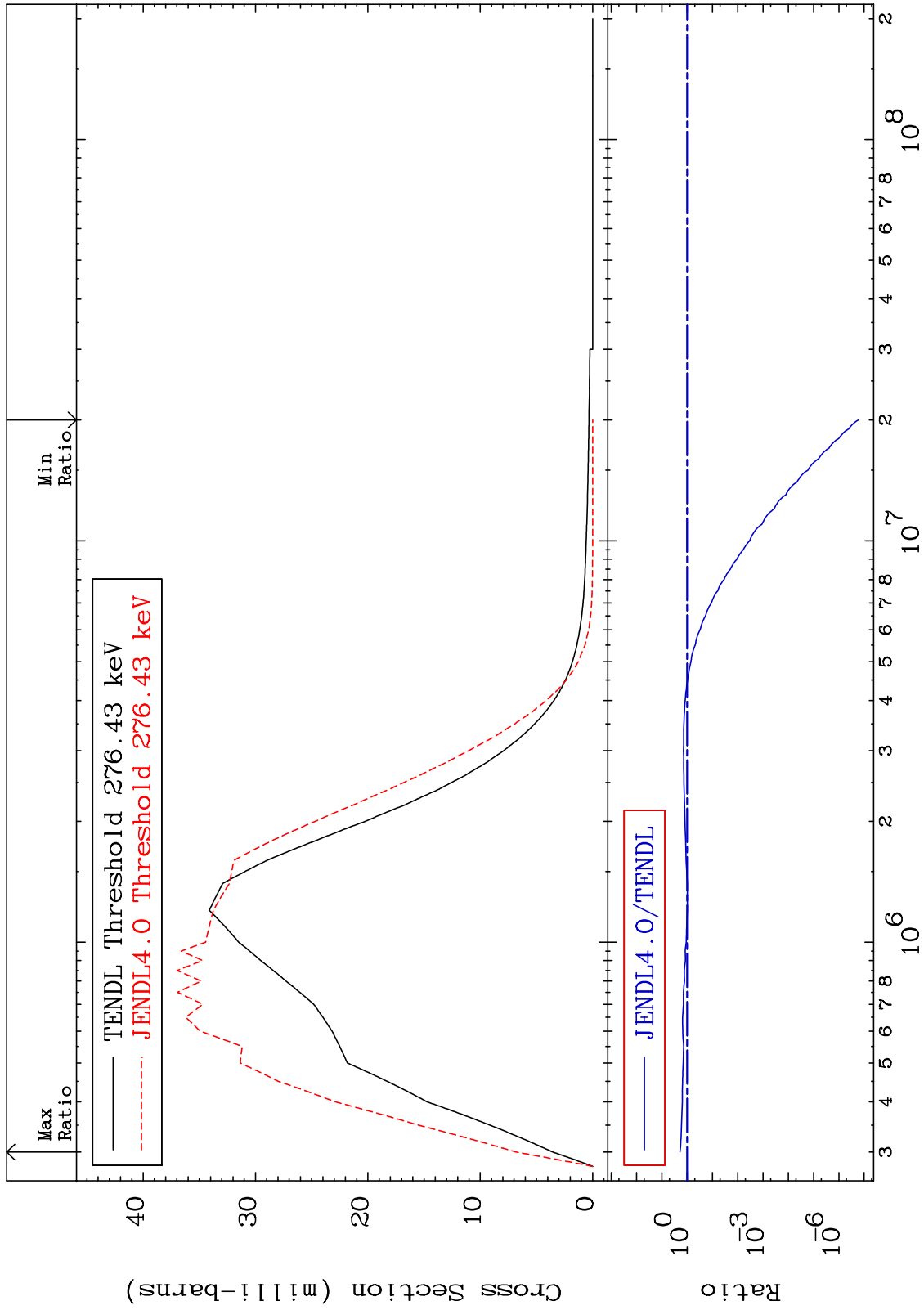


10

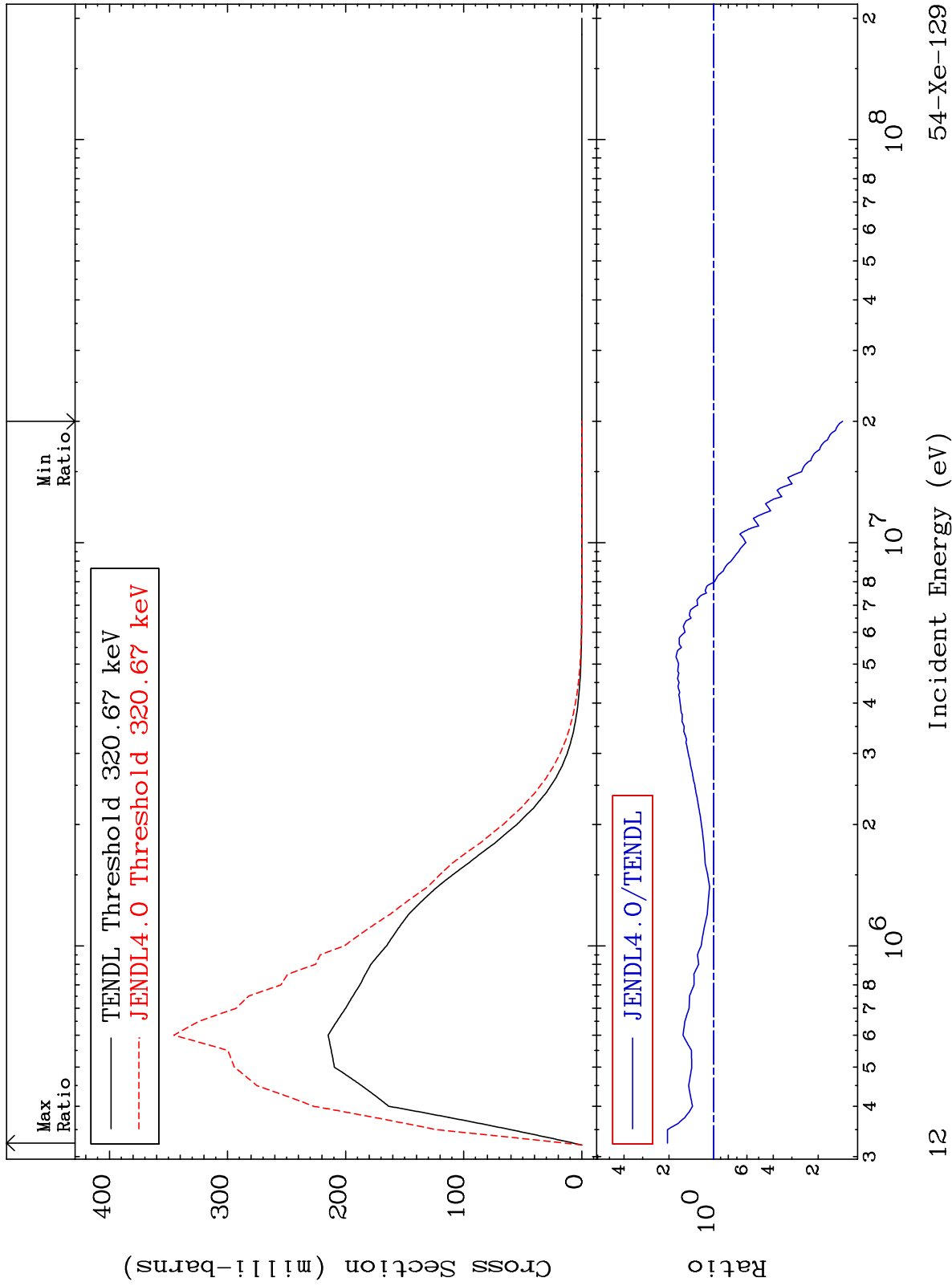
Incident Energy (eV)

54-Xe-129

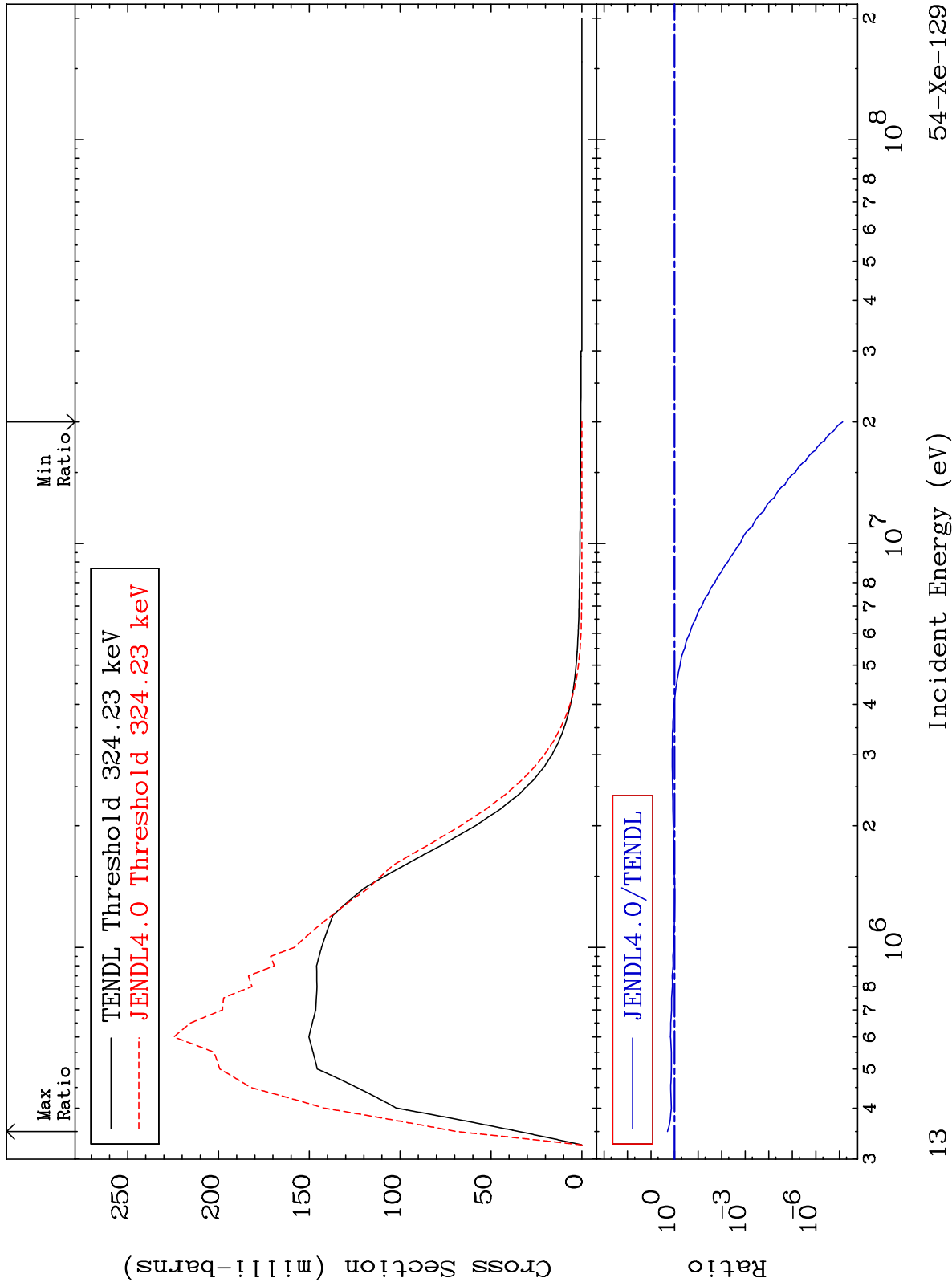
MAT 5440 MT= 53 (n,n') Level Cross Section 54-Xe-129  
-100.0 To 91.91 %



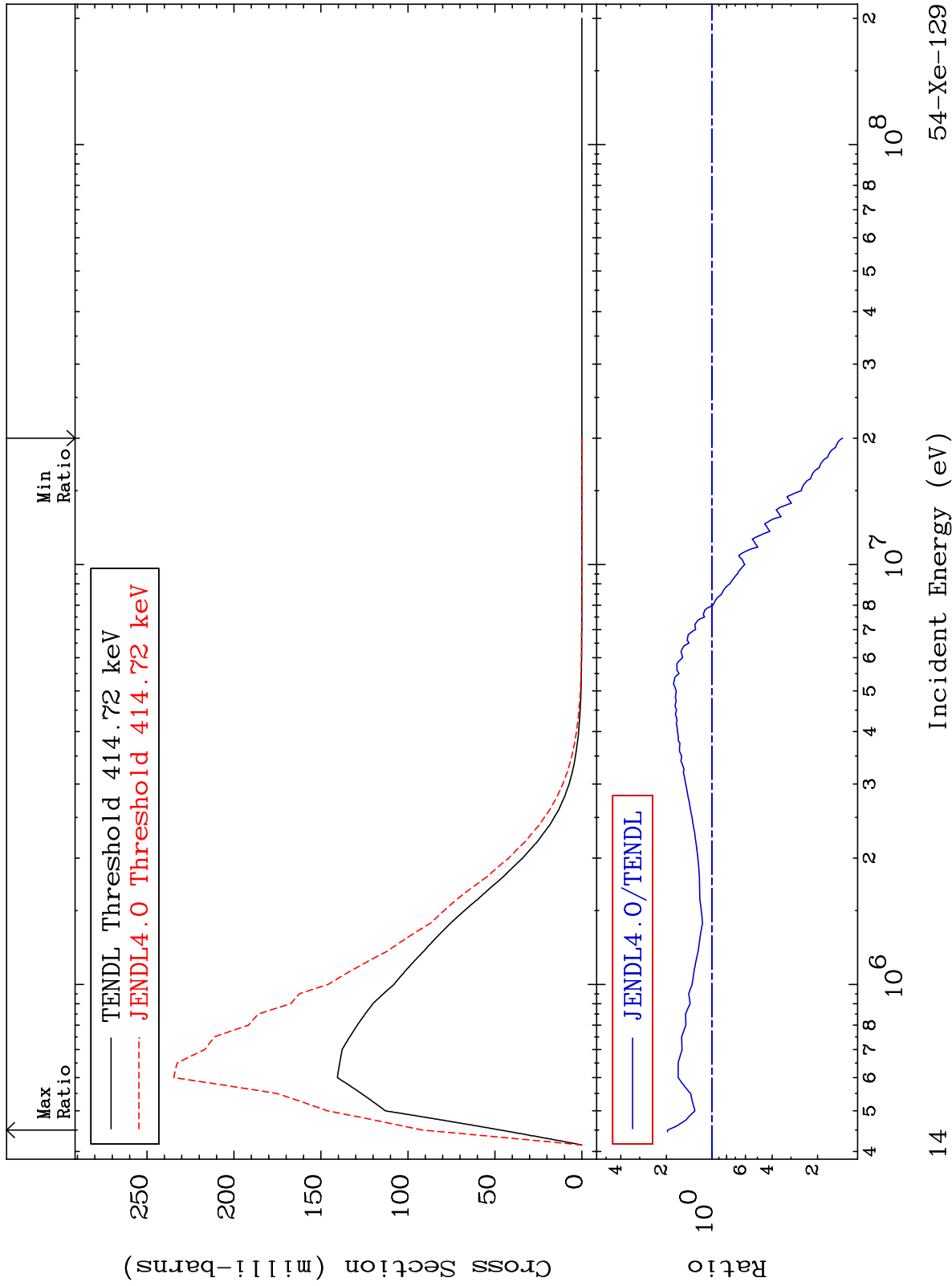
MAT 5440 MT= 54 (n,n') Level Cross Section 54-Xe-129 -86.30 To 104.1 %



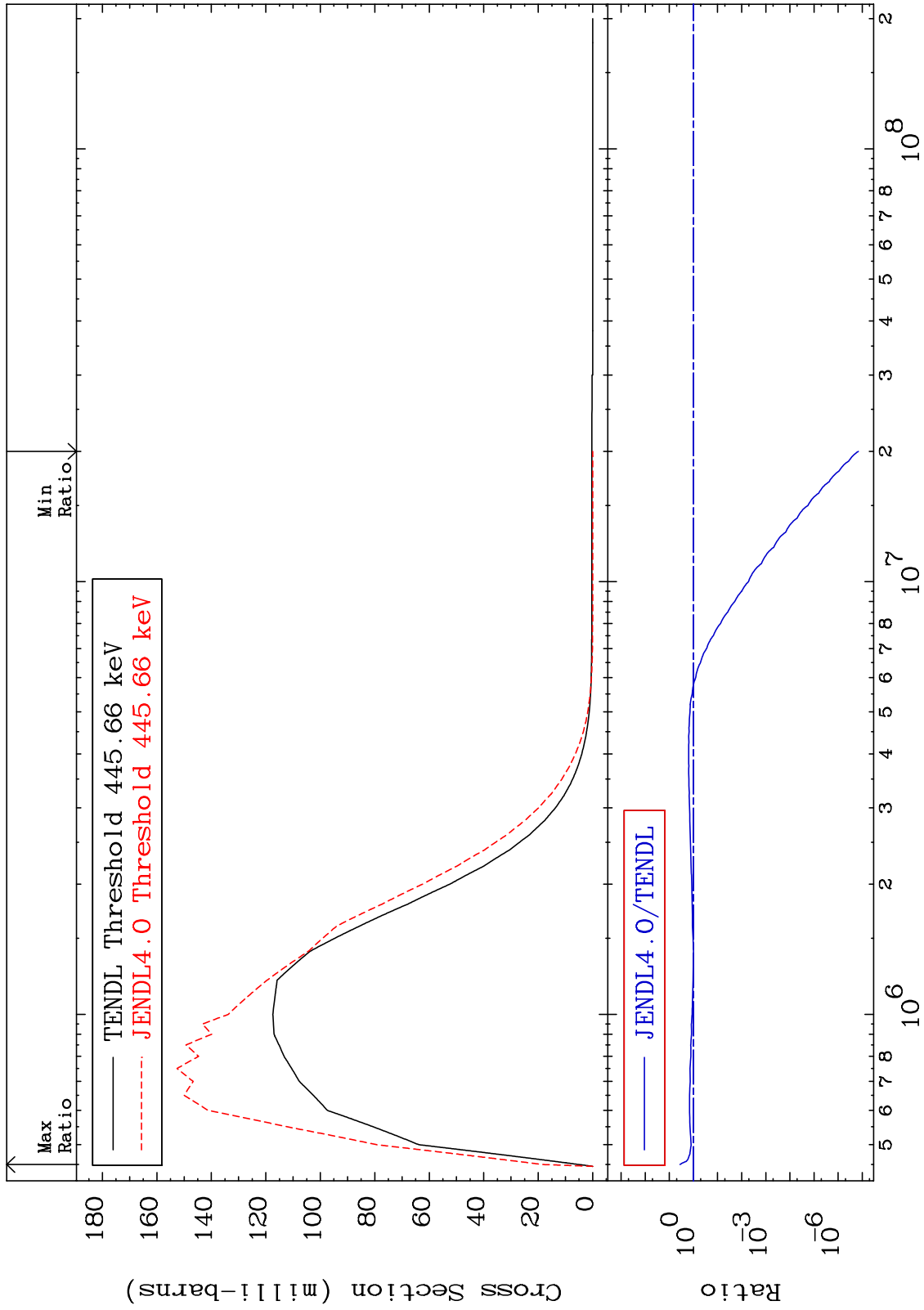
MAT 5440 MT= 55 (n,n') Level Cross Section 54-Xe-129 -100.0 To 99.39 %



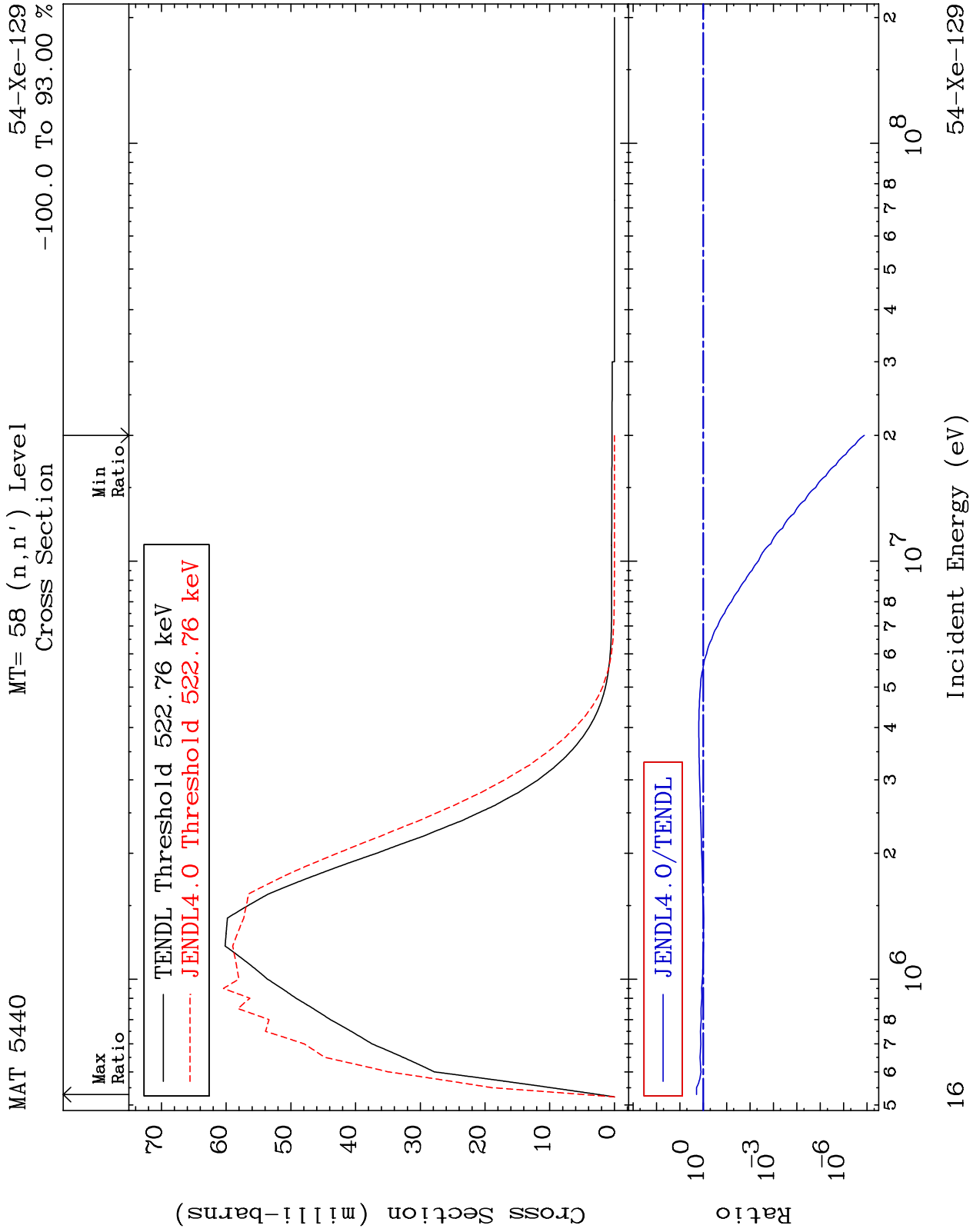
MAT 5440 MT= 56 (n,n') Level Cross Section 54-Xe-129 -86.34 To 96.25 %

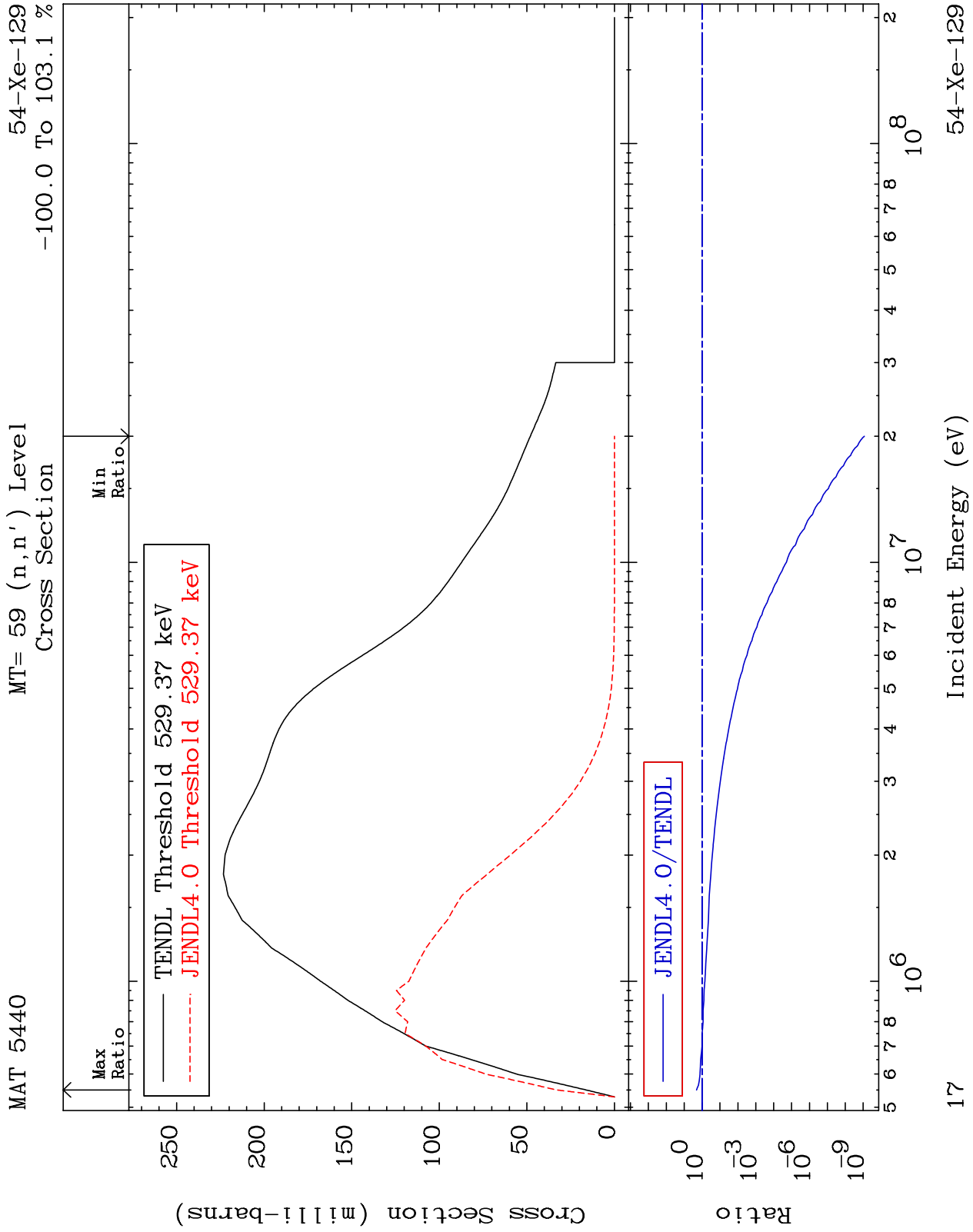


MAT 5440 MT= 57 (n,n') Level Cross Section 54-Xe-129 -100.0 To 260.8 %

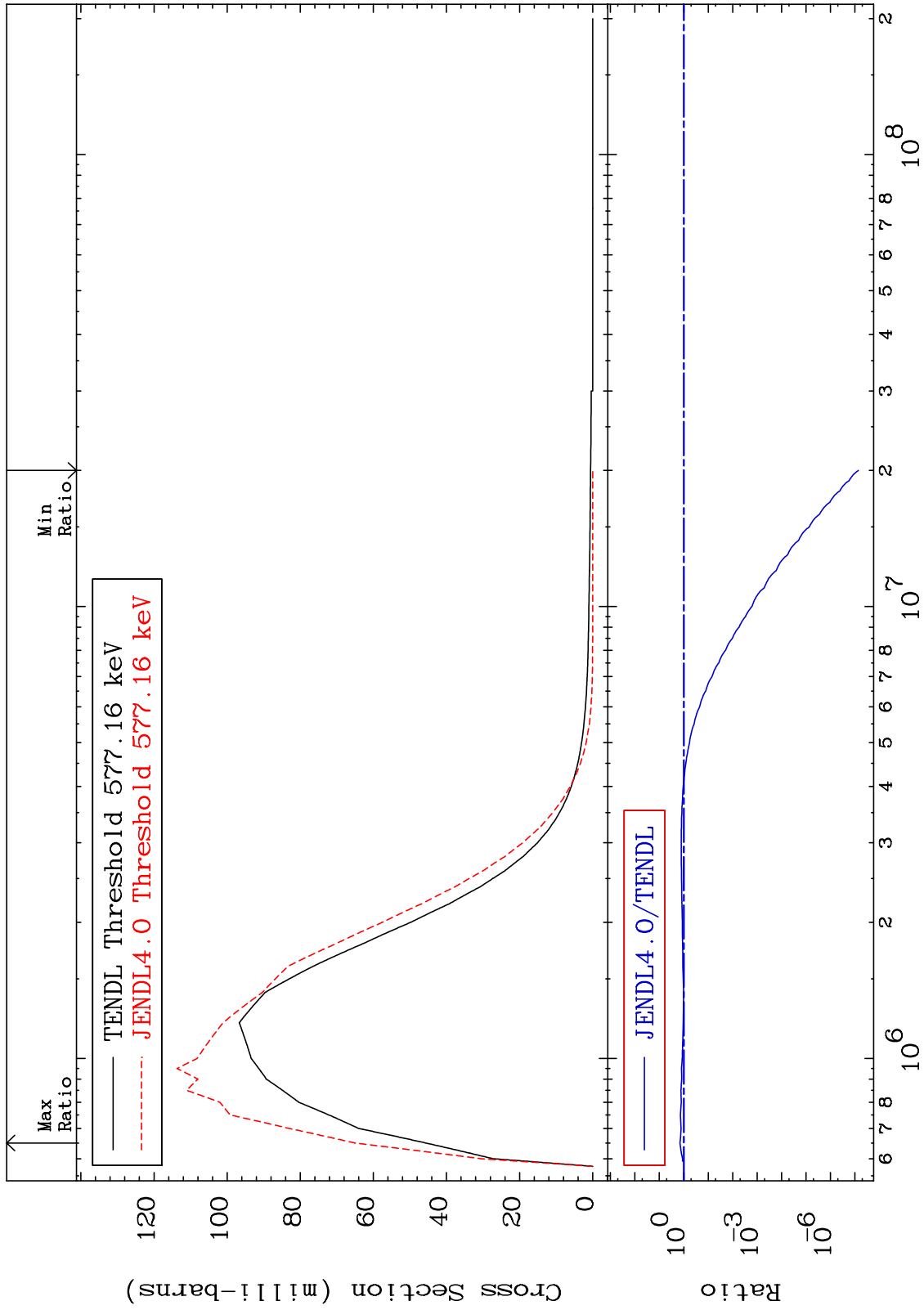








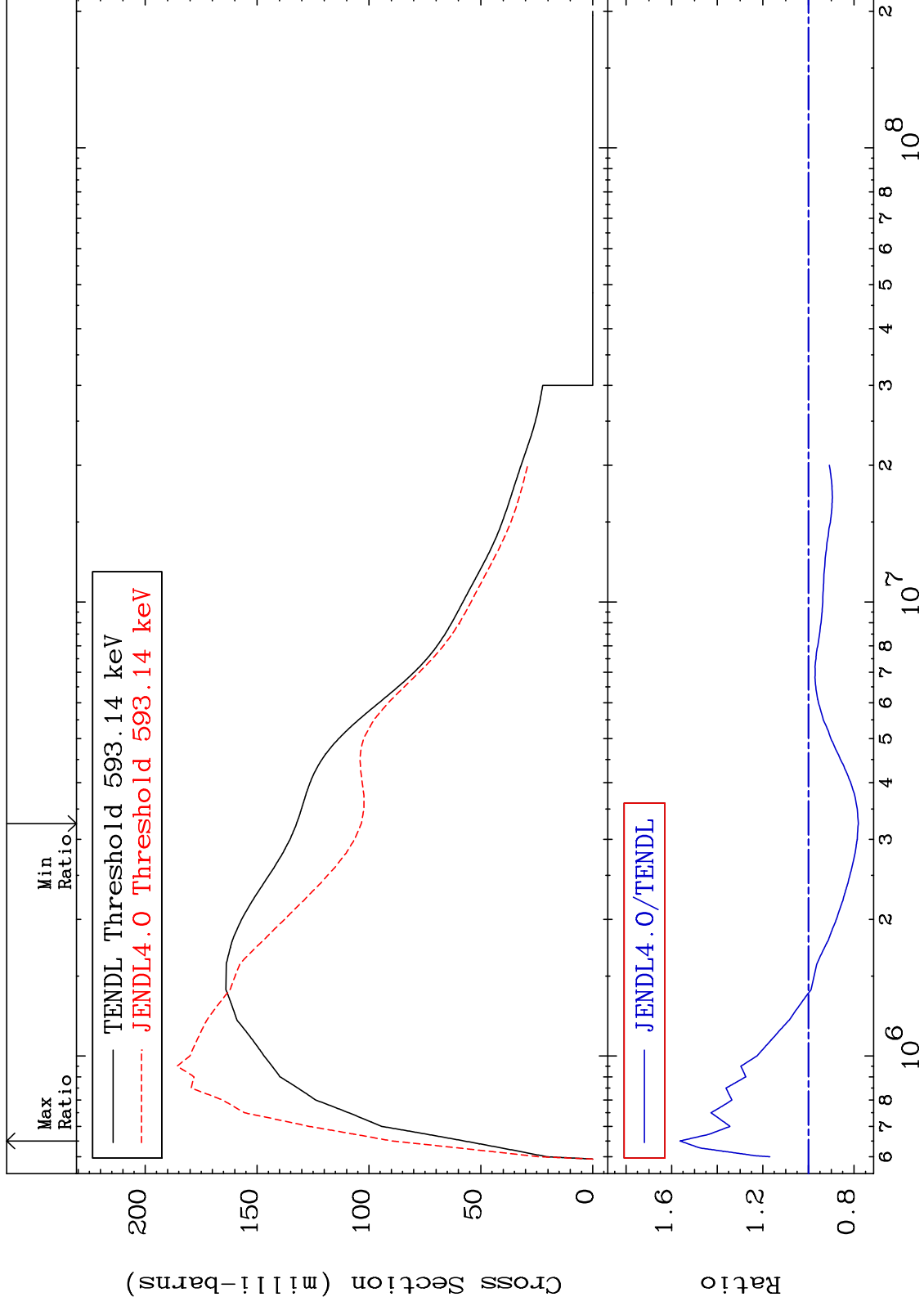
MAT 5440 MT= 60 (n,n') Level Cross Section 54-Xe-129  
-100.0 To 42.57 %



MAT 5440

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

54-Xe-129  
-21.90 To 56.34 %

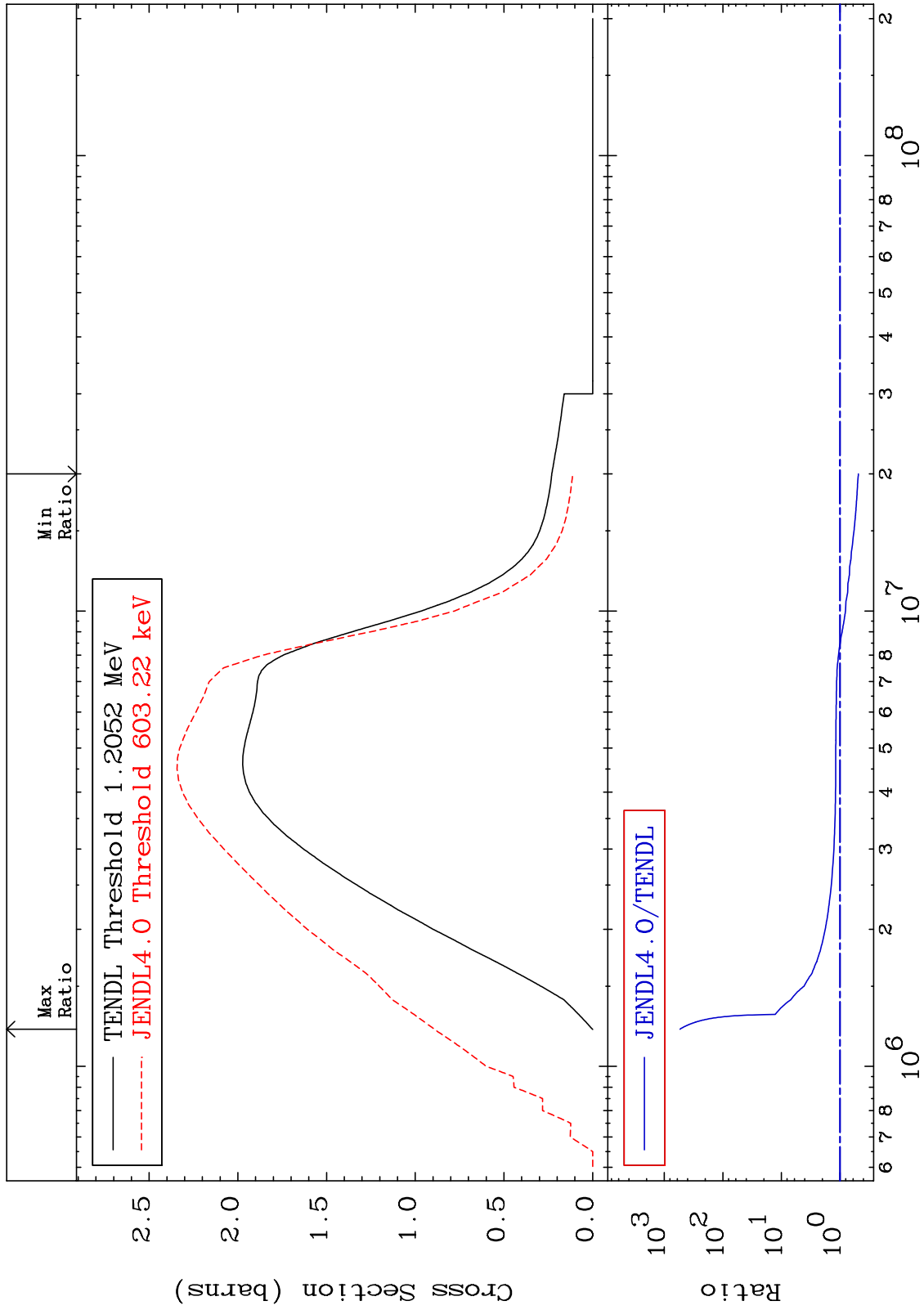


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Incident Energy (eV)

54-Xe-129

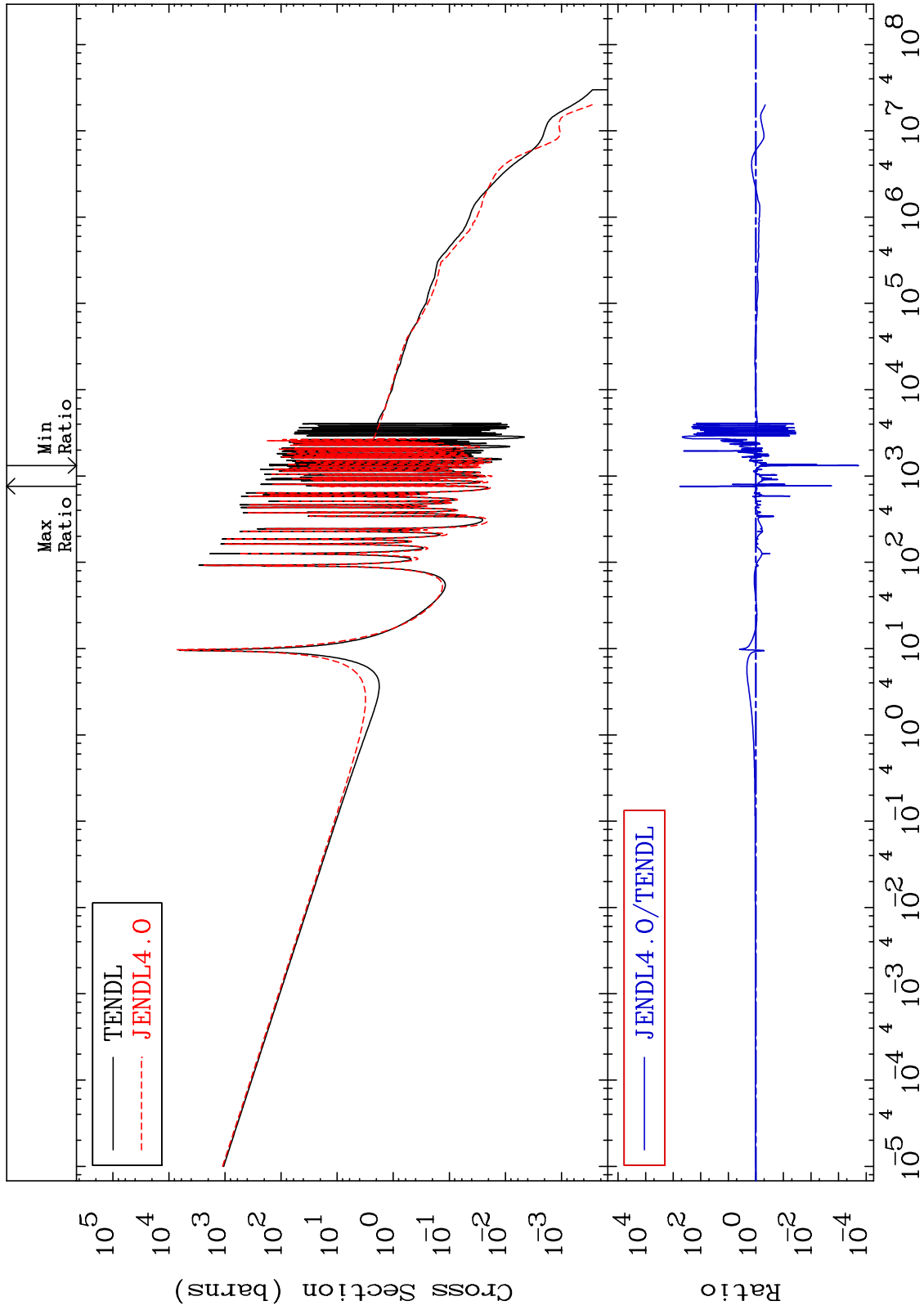
MAT 5440 (n,n') Continuum Cross Section 54-Xe-129 -51.39 To 9999. %



MAT 5440

(n,  $\gamma$ )  
Cross Section

54-Xe-129  
-99.98 To 9999. %



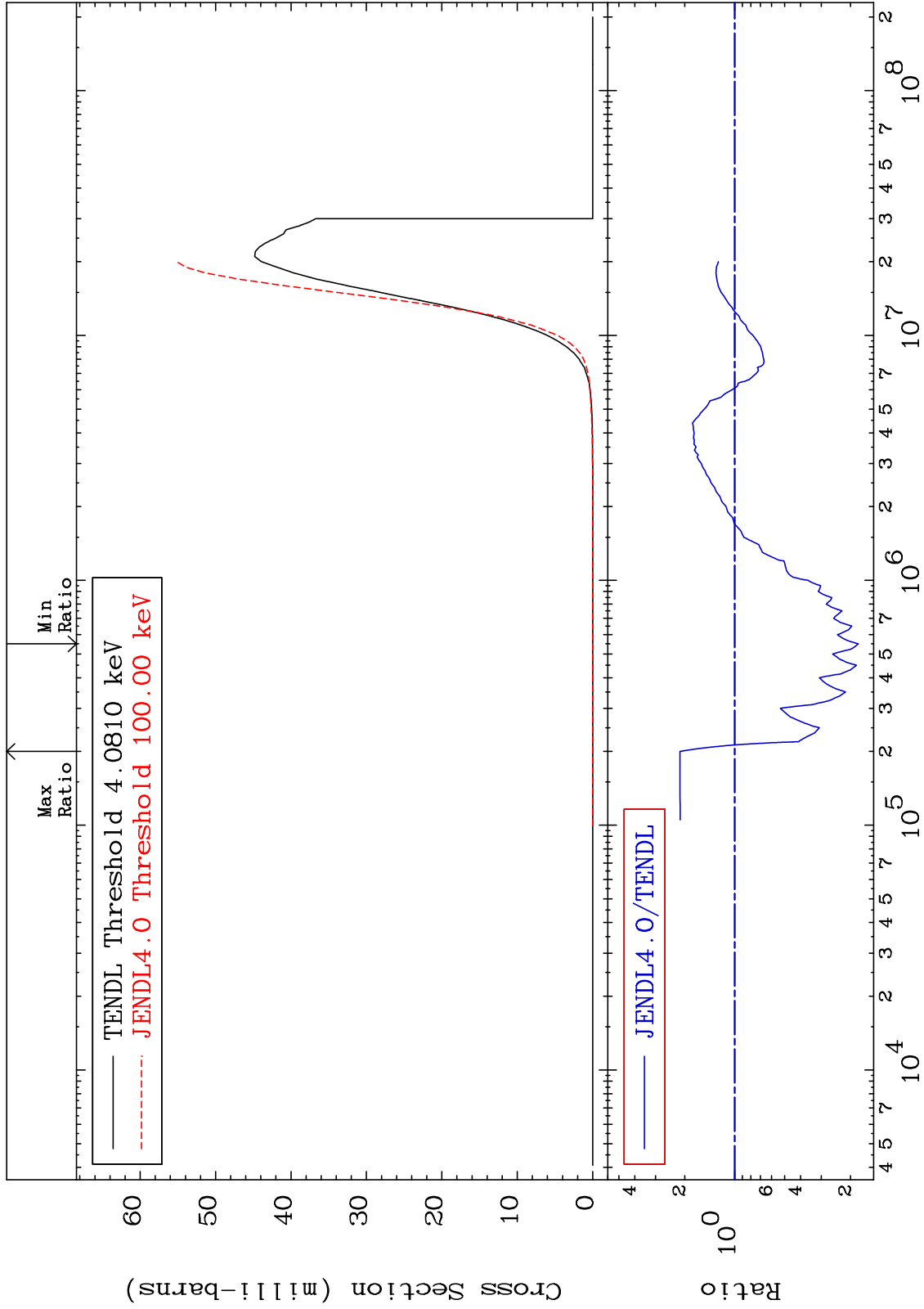
MAT 5440

(n, p)

54-Xe-129

Cross Section

-82.07 To 113.7 %



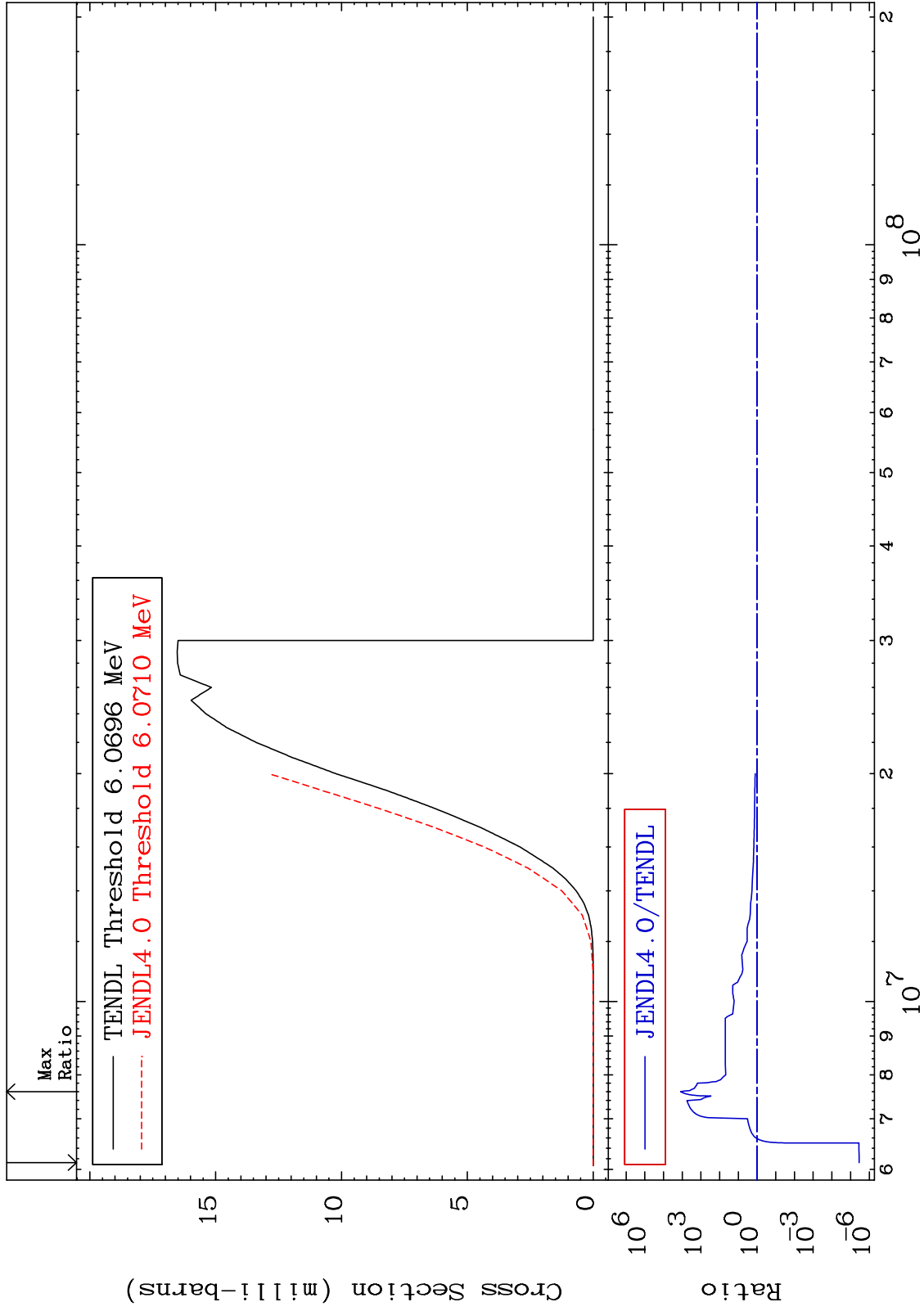
MAT 5440

(n, d)

54-Xe-129

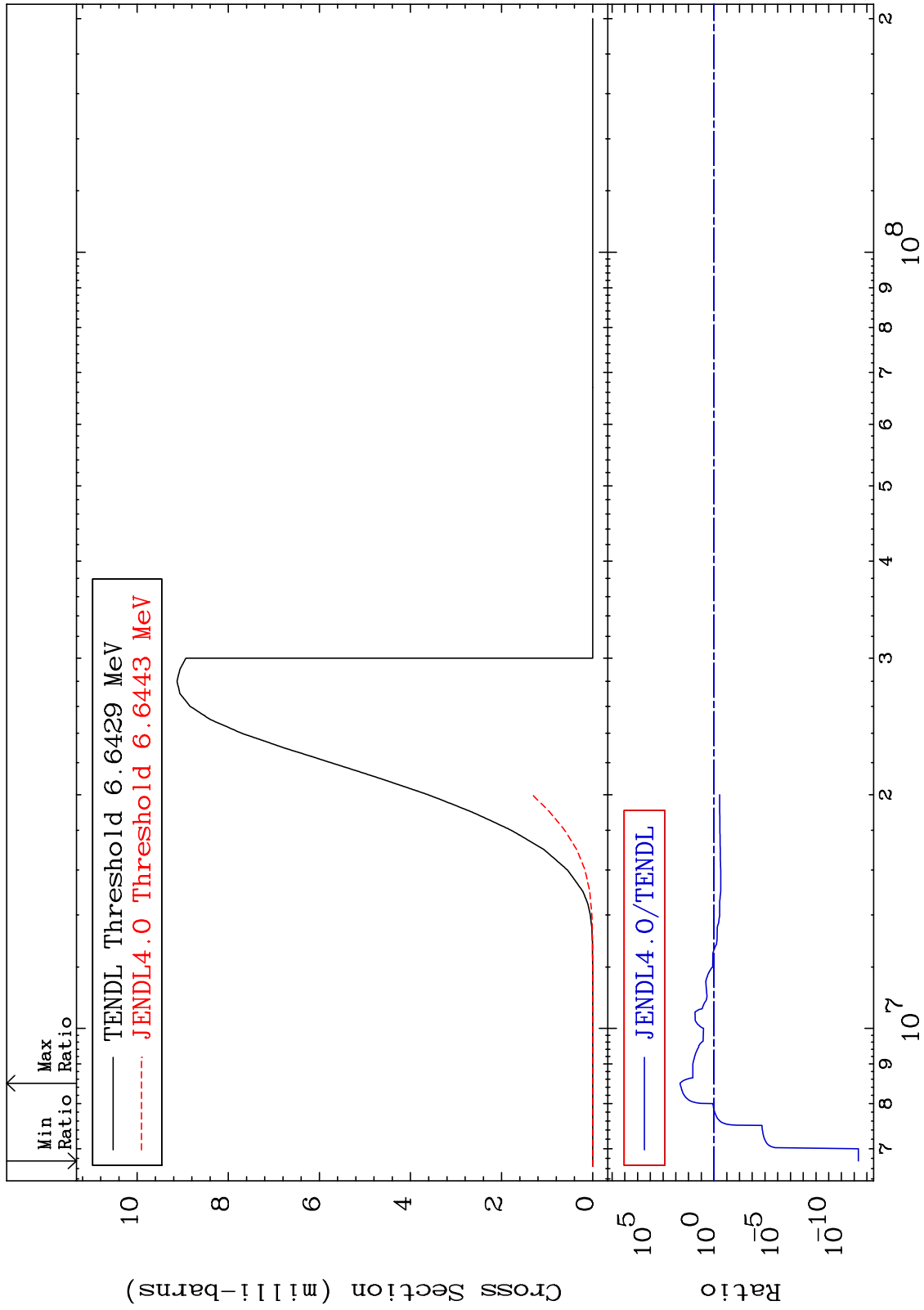
Cross Section

-100.0 To 9999. %





MAT 5440 (n, t) Cross Section 54-Xe-129 -100.0 To 9999. %



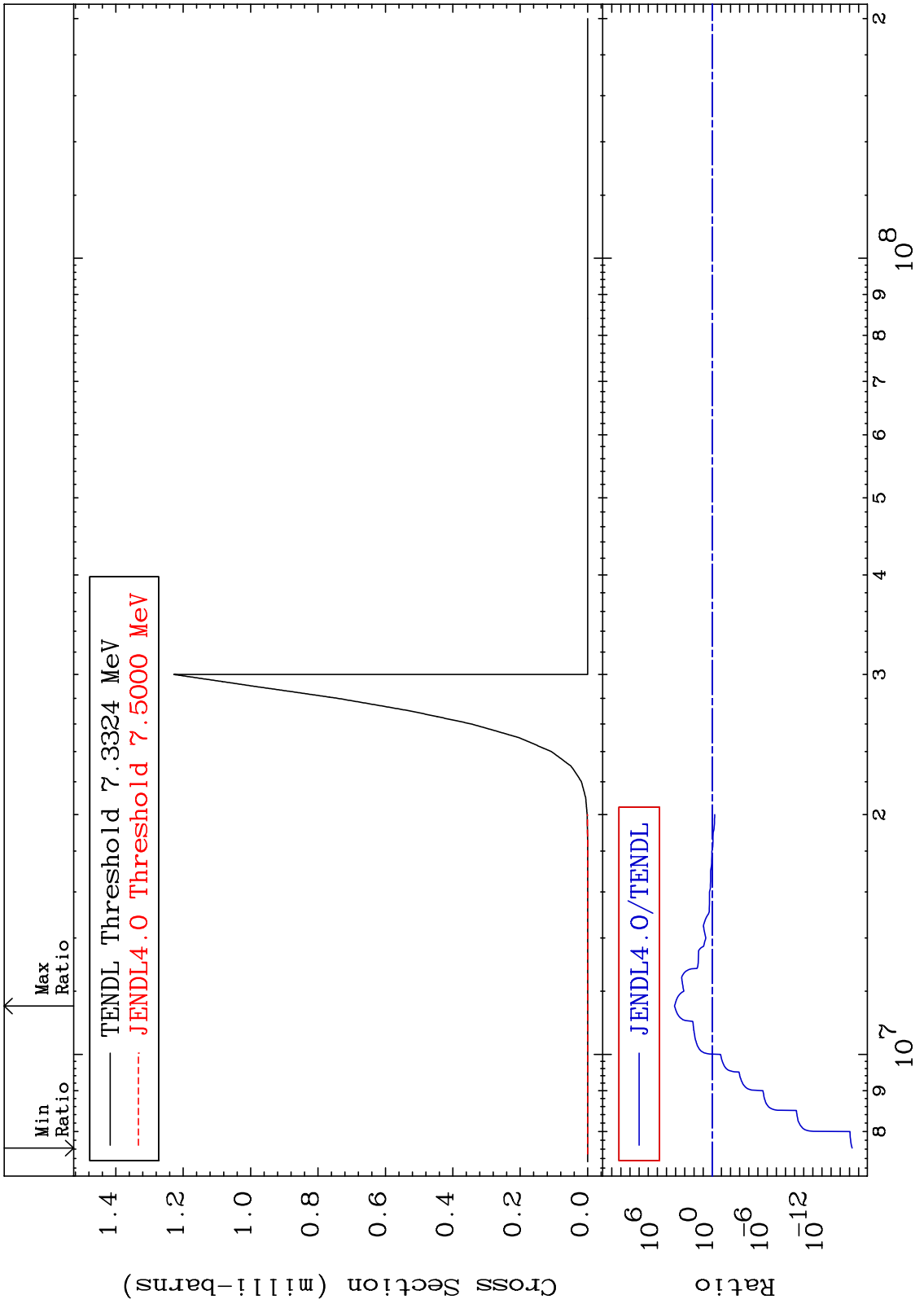
MAT 5440

(n, He-3)

54-Xe-129

Cross Section

-100.0 To 9999. %



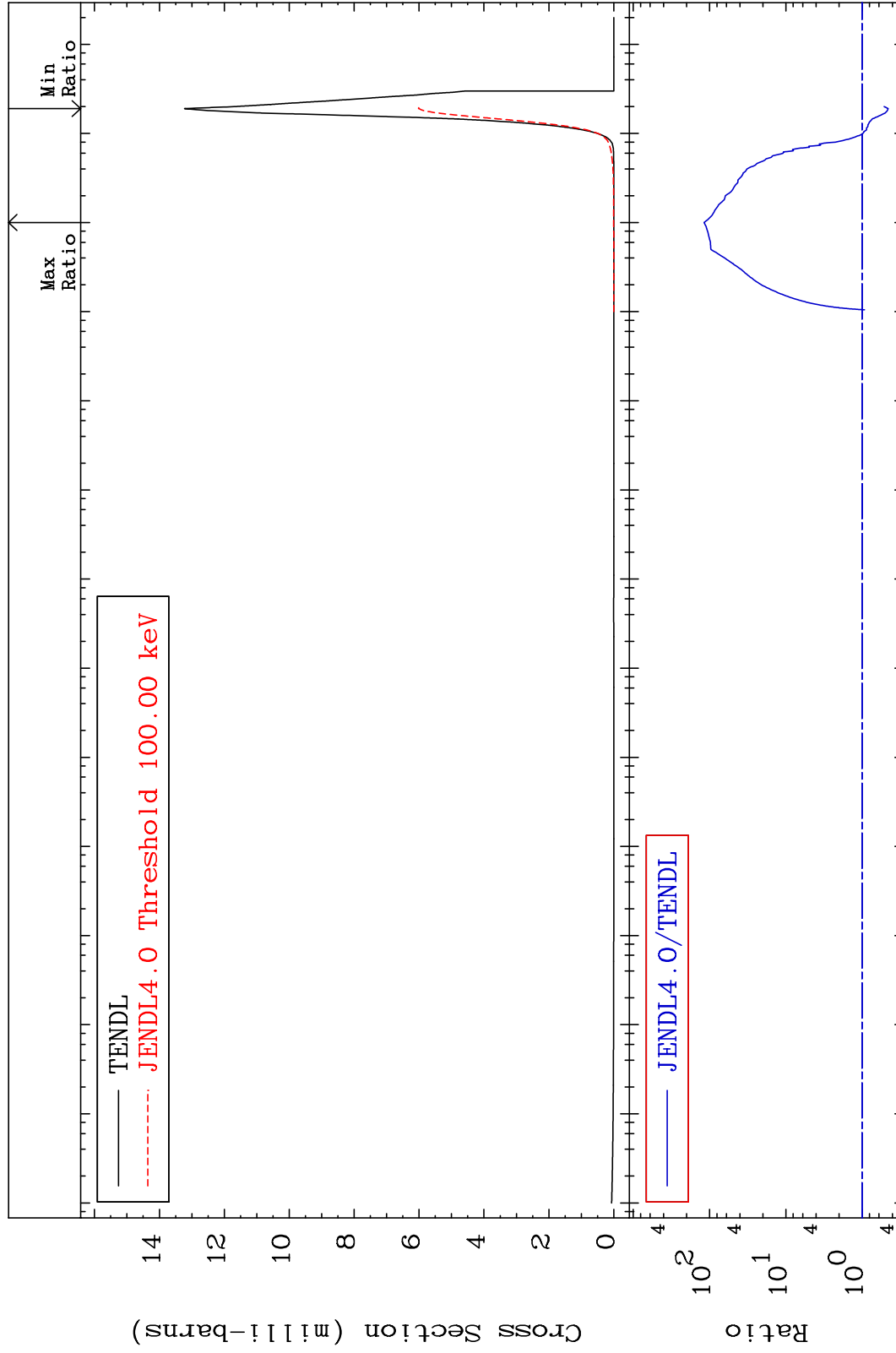
MAT 5440

(n,  $\alpha$ )

54-Xe-129

Cross Section

-54.51 To 9999. %



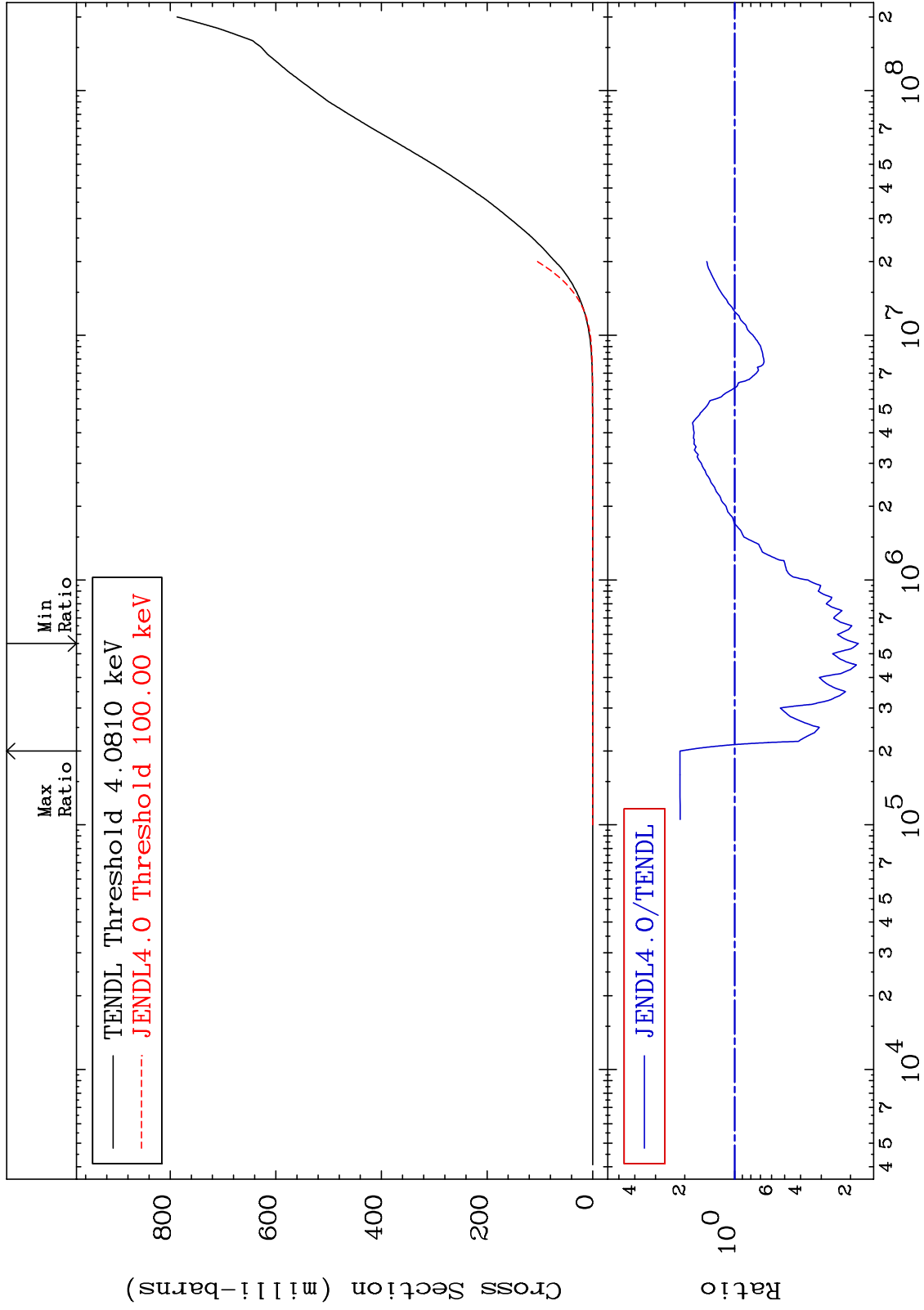
Incident Energy (eV)

54-Xe-129

MAT 5440

Hydrogen Production  
Cross Section

54-Xe-129  
-82.07 To 113.7 %



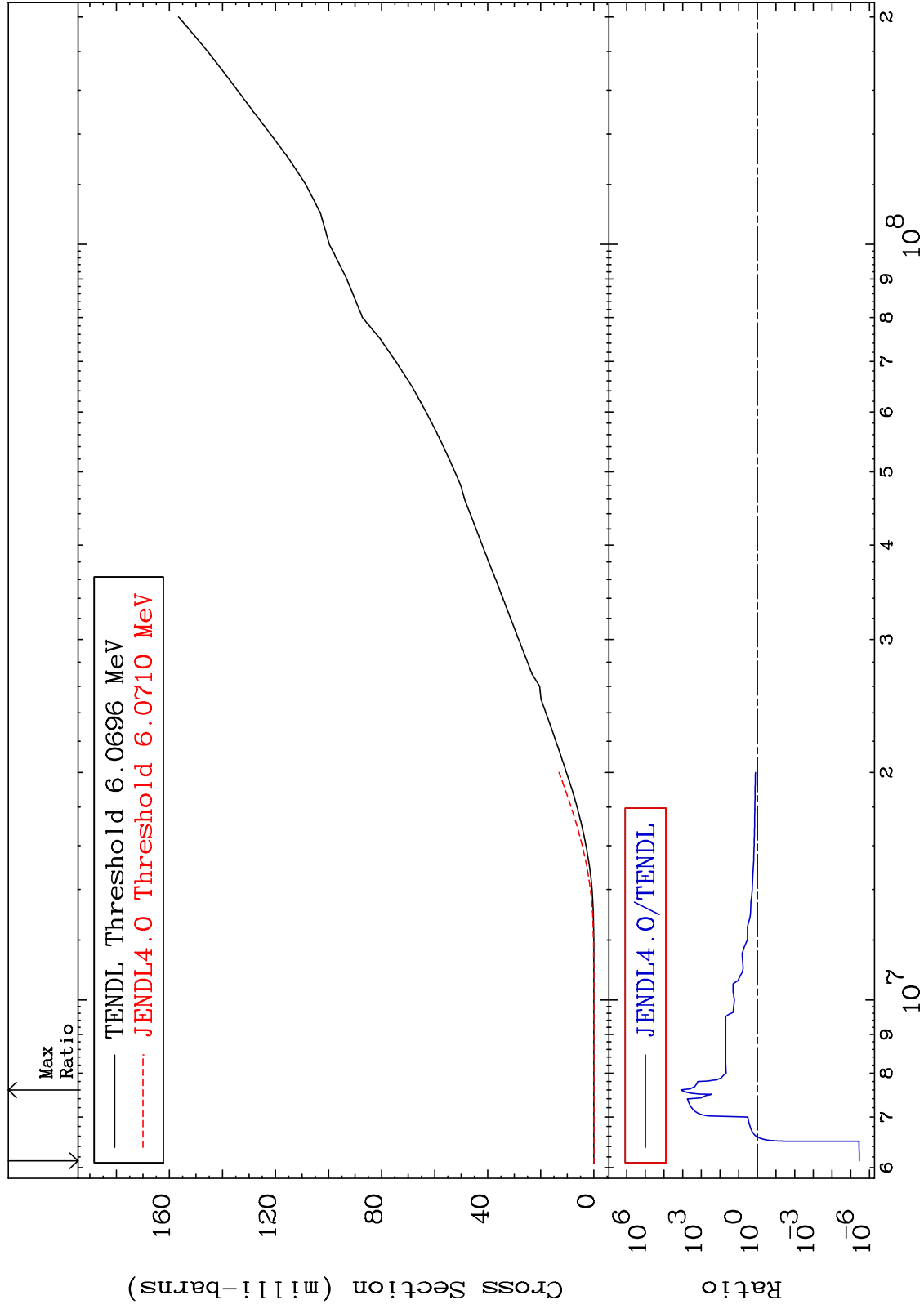
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54-Xe-129

MAT 5440

Deuterium Production  
Cross Section

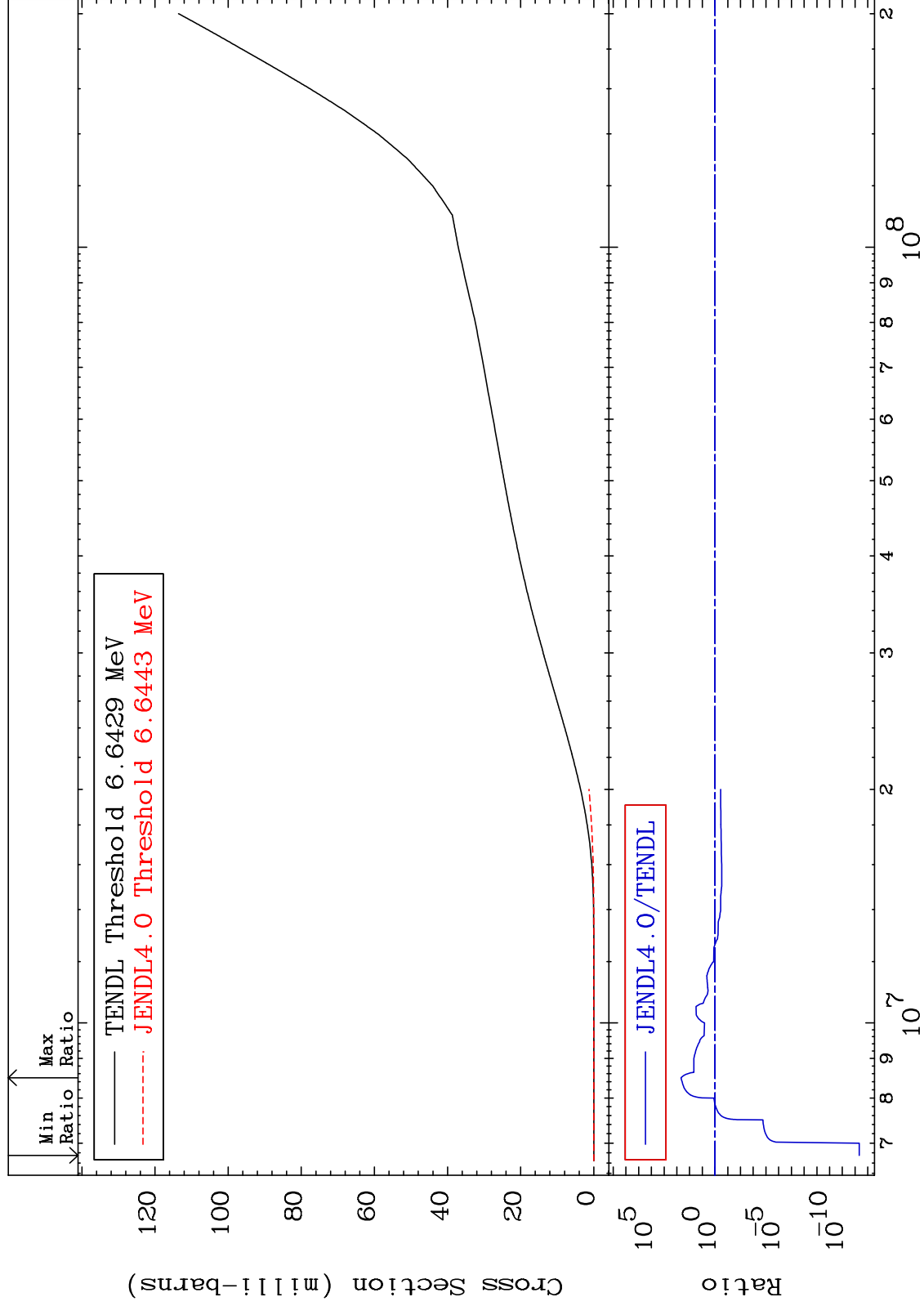
54-Xe-129  
-100.0 To 9999. %



MAT 5440

Tritium Production  
Cross Section

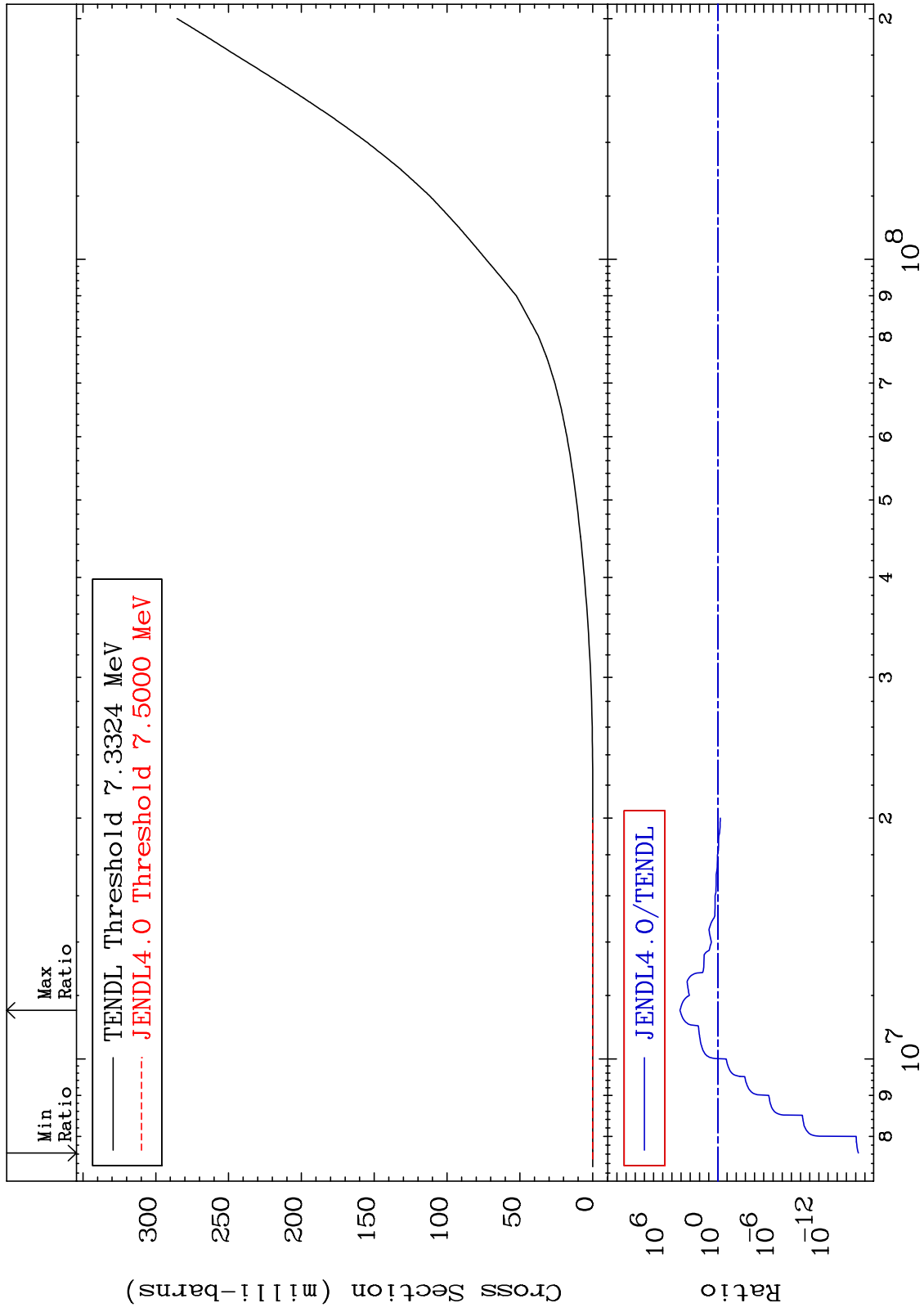
54-Xe-129  
-100.0 To 9999. %



MAT 5440

He-3 Production  
Cross Section

54-Xe-129  
-100.0 To 9999. %



30

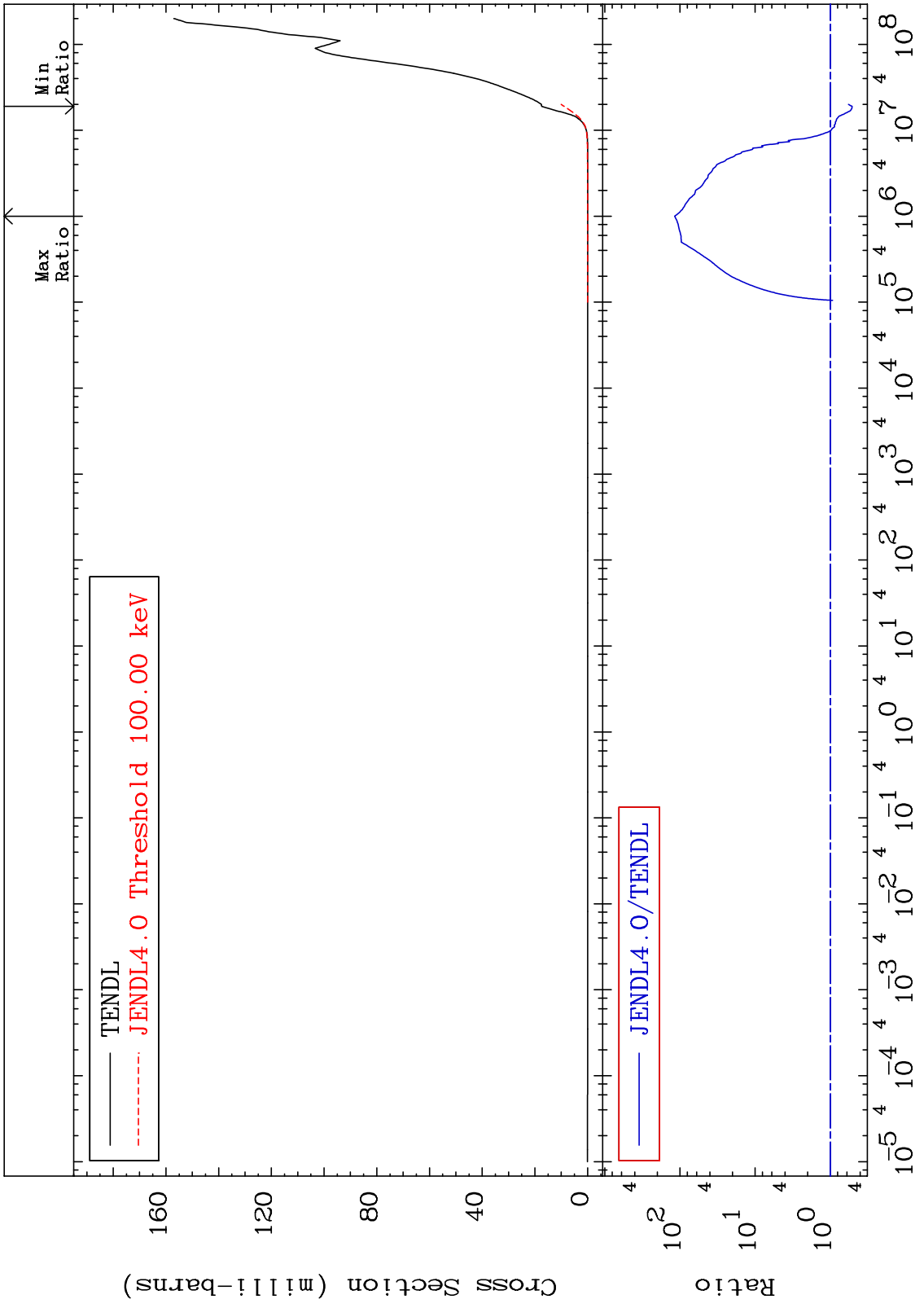
Incident Energy (eV)

54-Xe-129

MAT 5440

He-4 Production  
Cross Section

54-Xe-129  
-48.81 To 9999. %



31

Incident Energy (eV)

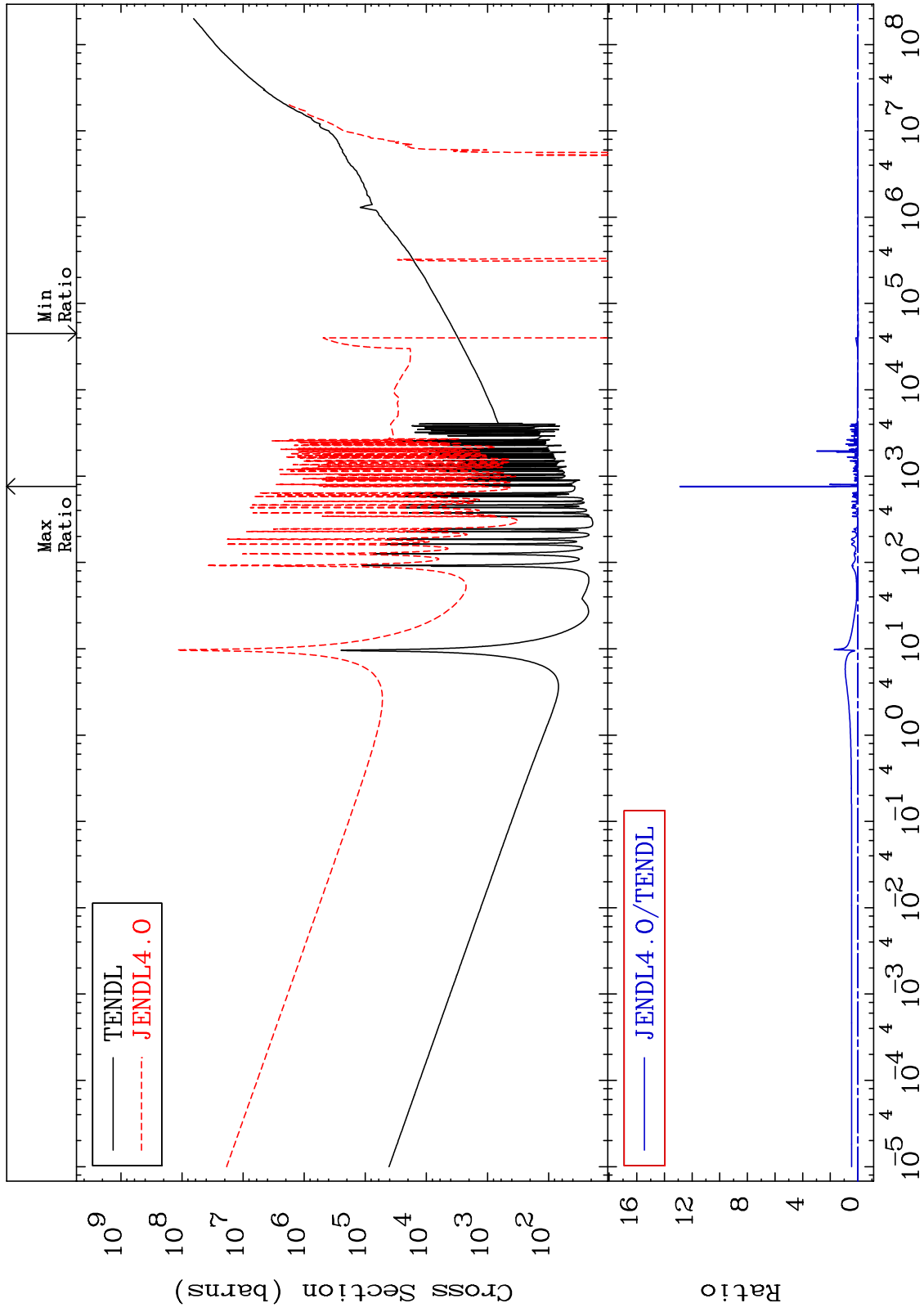
54-Xe-129



MAT 5440

Kerma total (eV-barns)  
Cross Section

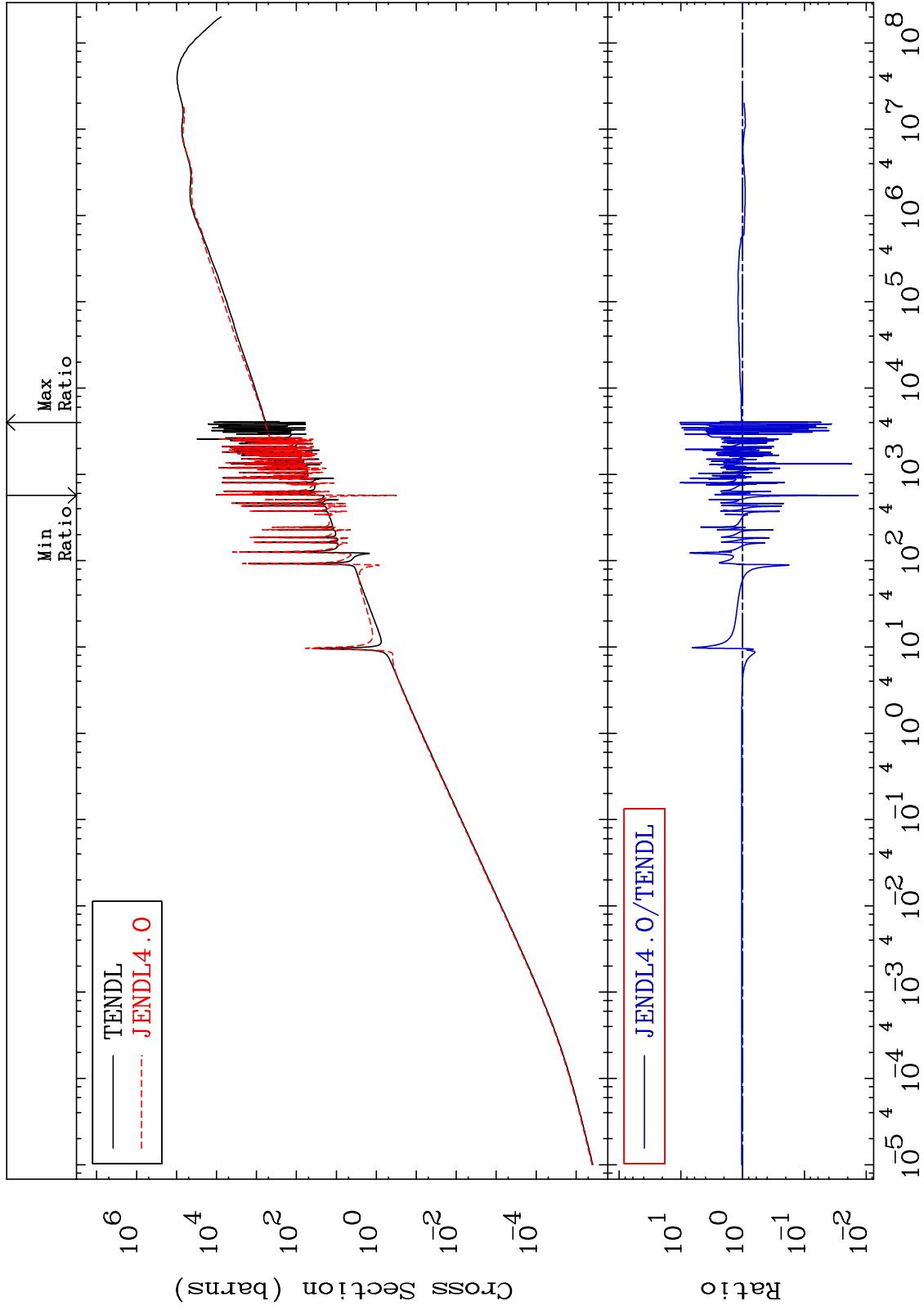
54-Xe-129  
-3235. To 9999. %



MAT 5440

Kerma elastic  
Cross Section

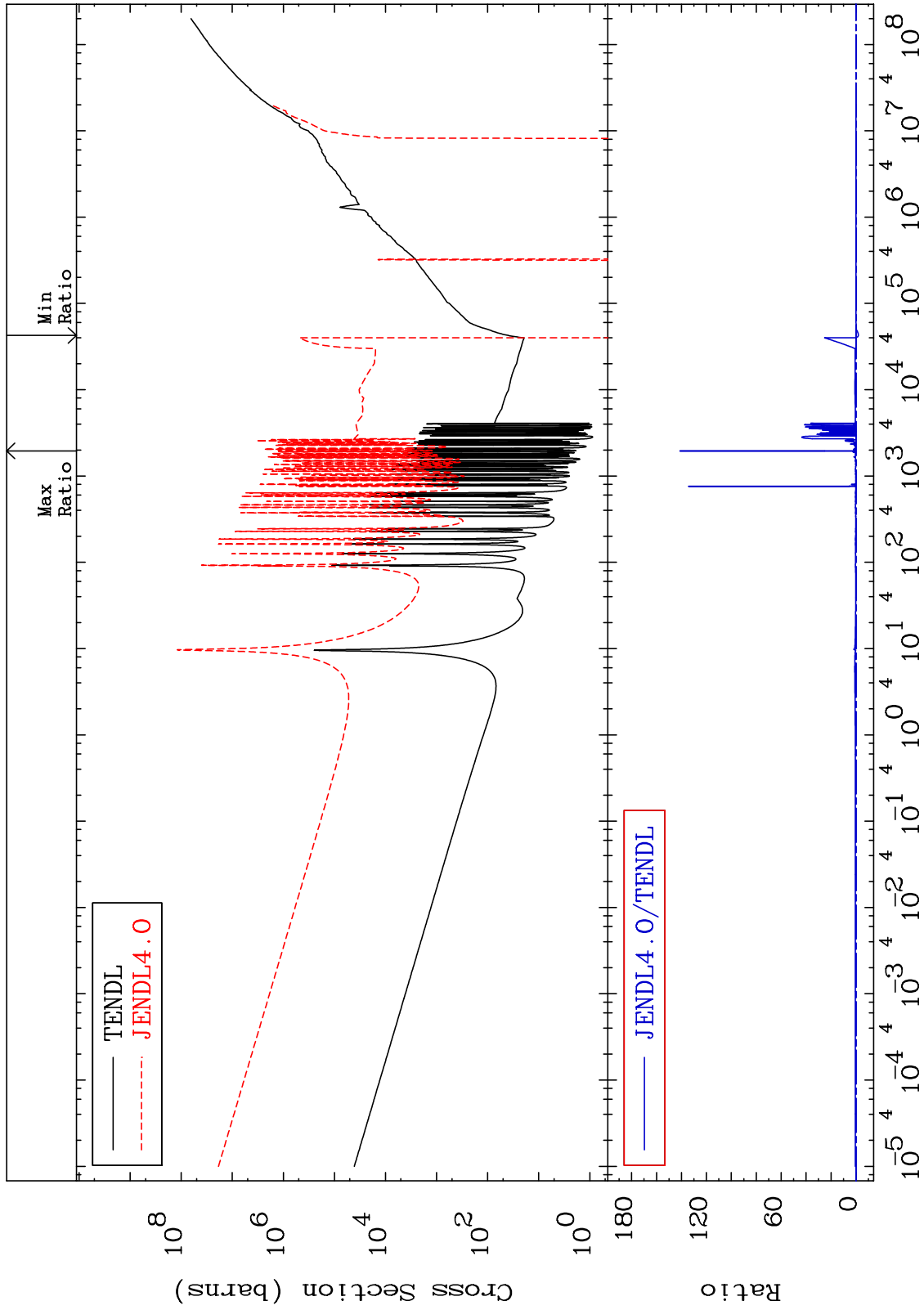
54-Xe-129  
-98.66 To 932.8 %



MAT 5440

Kerma non-elastic (all but mt2)  
Cross Section

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



34

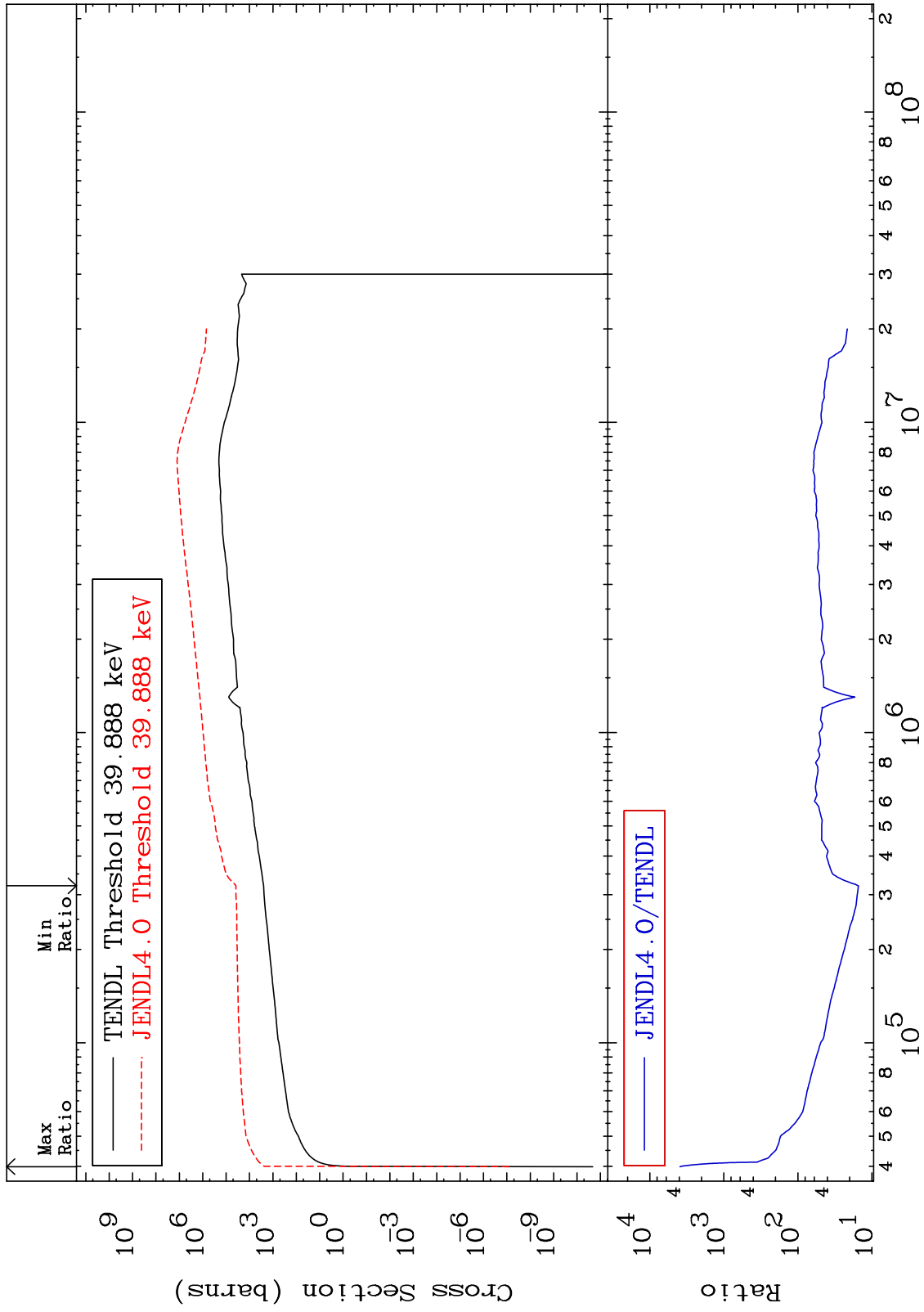
Incident Energy (eV)

54-Xe-129

MAT 5440

Kerma inelastic (mt51-91)  
Cross Section

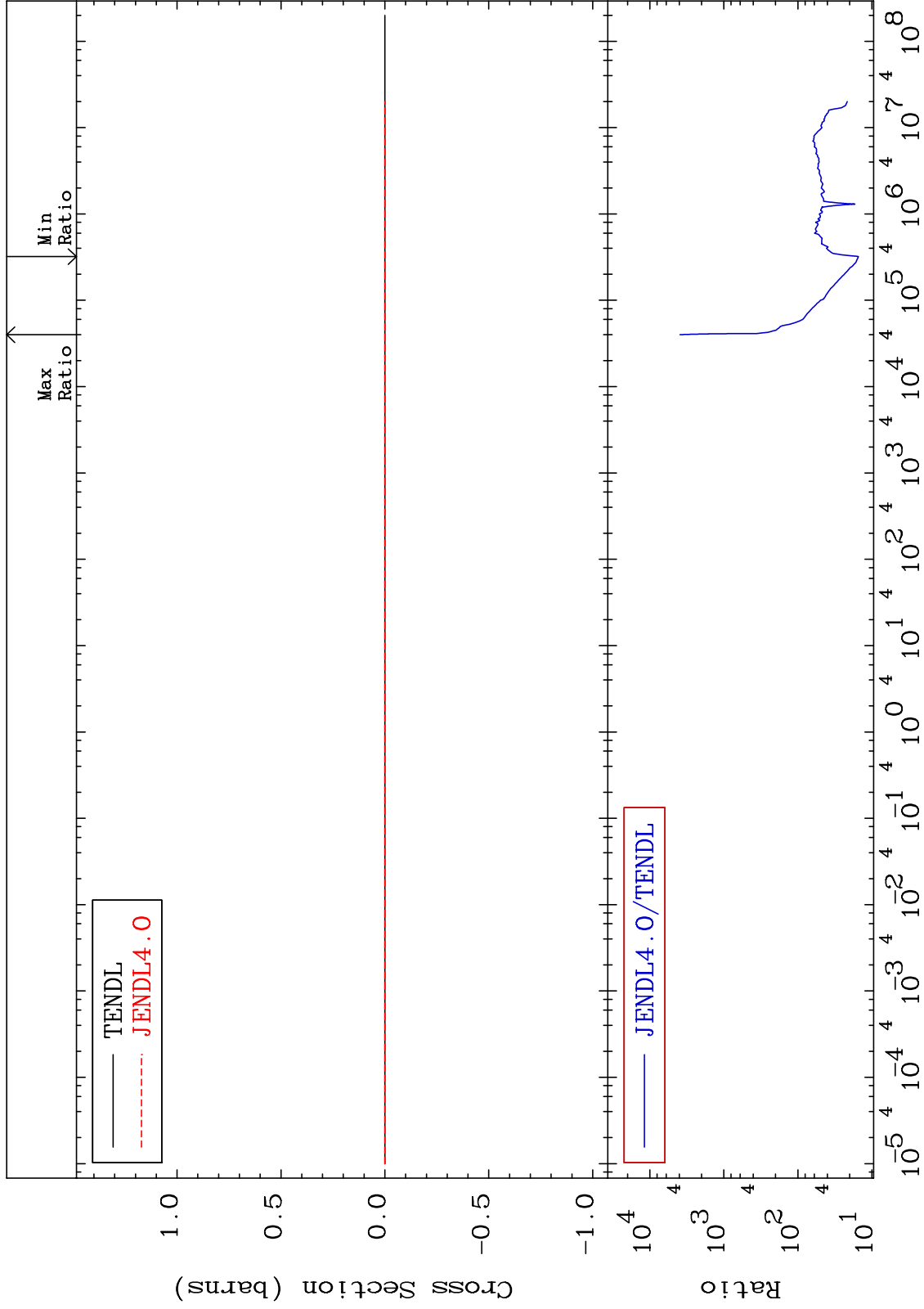
54-Xe-129  
1421. To 9999. %



MAT 5440

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

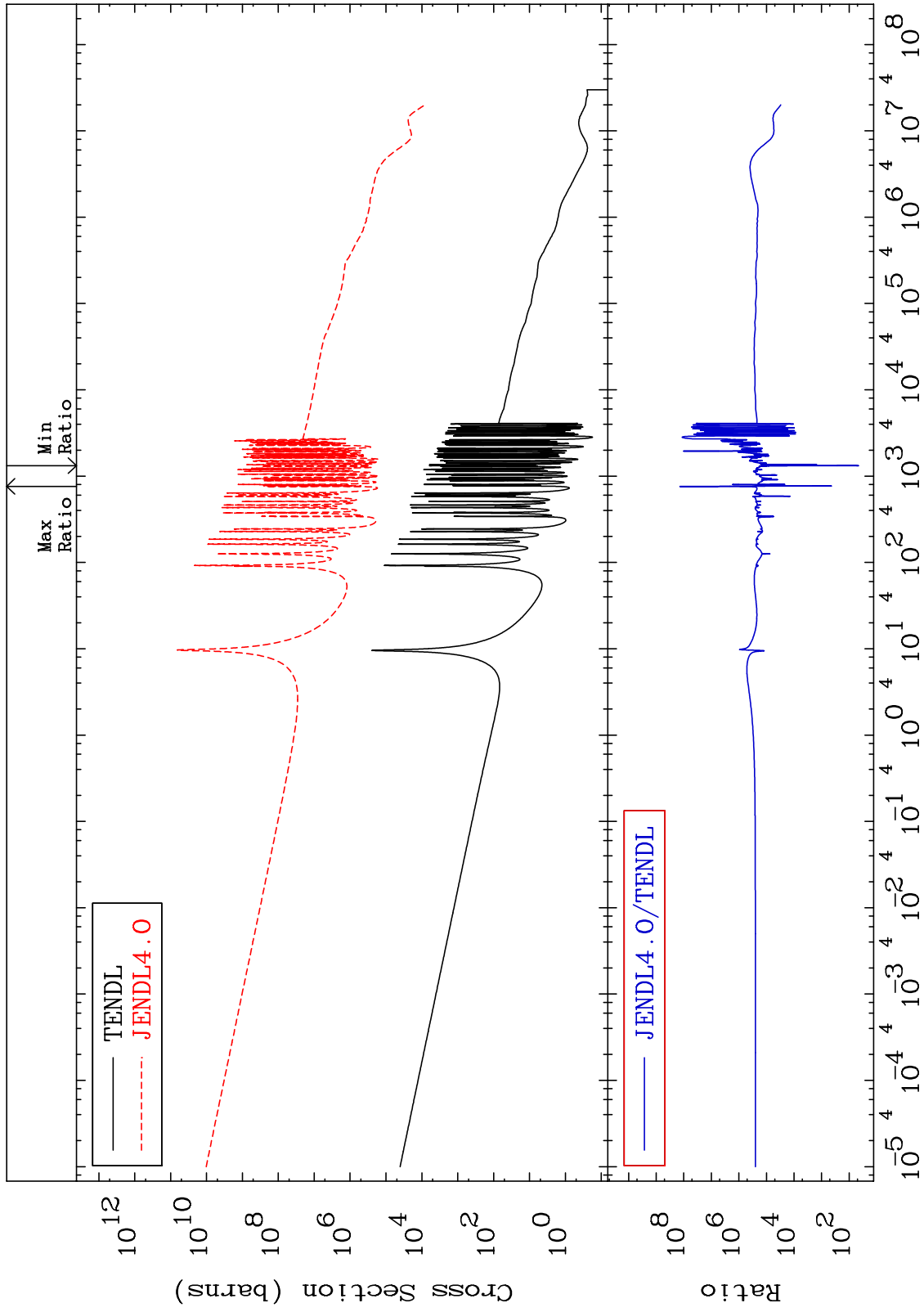
54-Xe-129  
1421. To 9999. %



MAT 5440

Kerma capture (mt102)  
Cross Section

54-Xe-129  
4518. To 9999. %



37

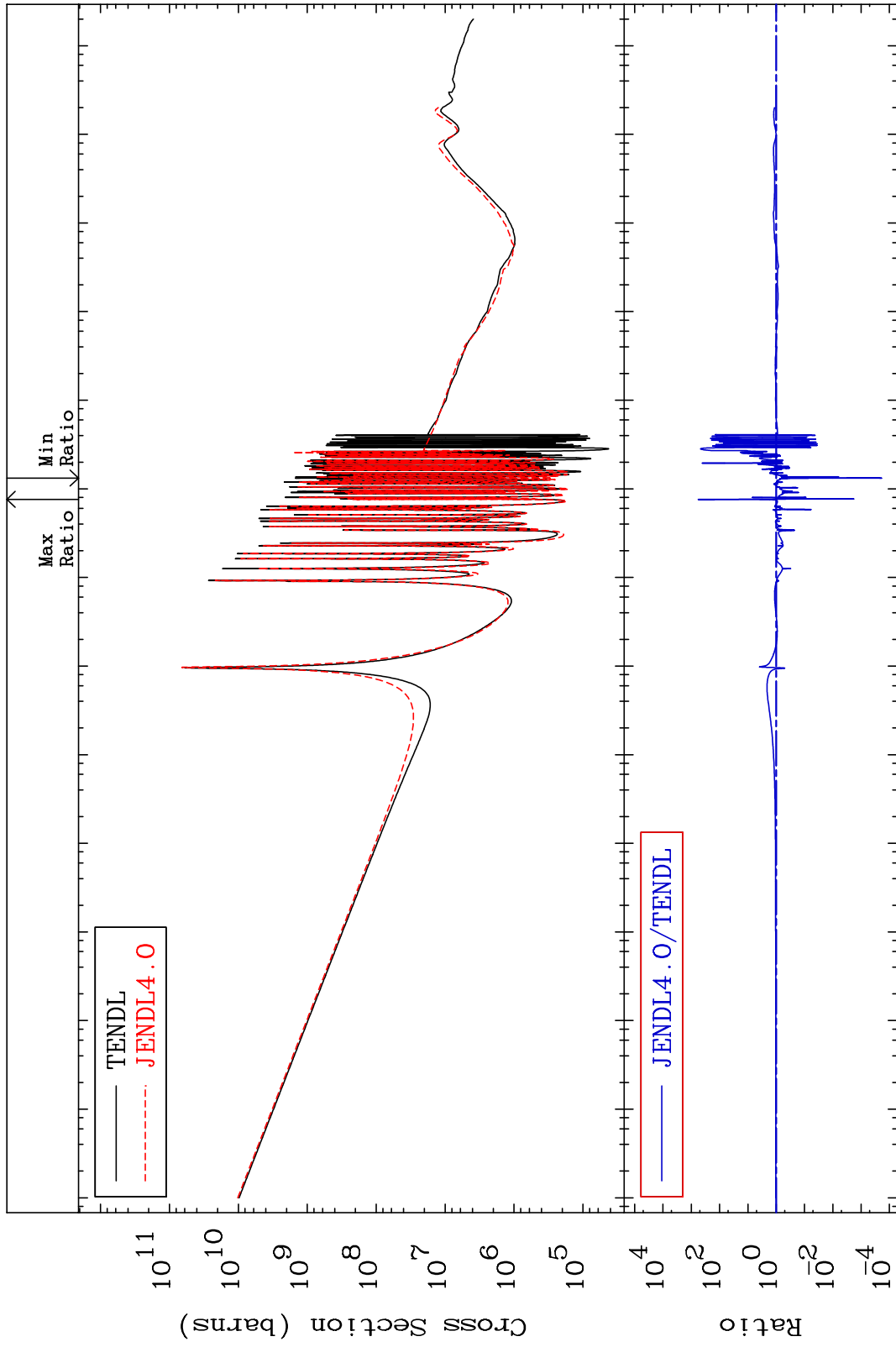
Incident Energy (eV)

54-Xe-129

MAT 5440

Total photon (eV-barns)  
Cross Section

54-Xe-129  
-99.98 To 9999. %



38

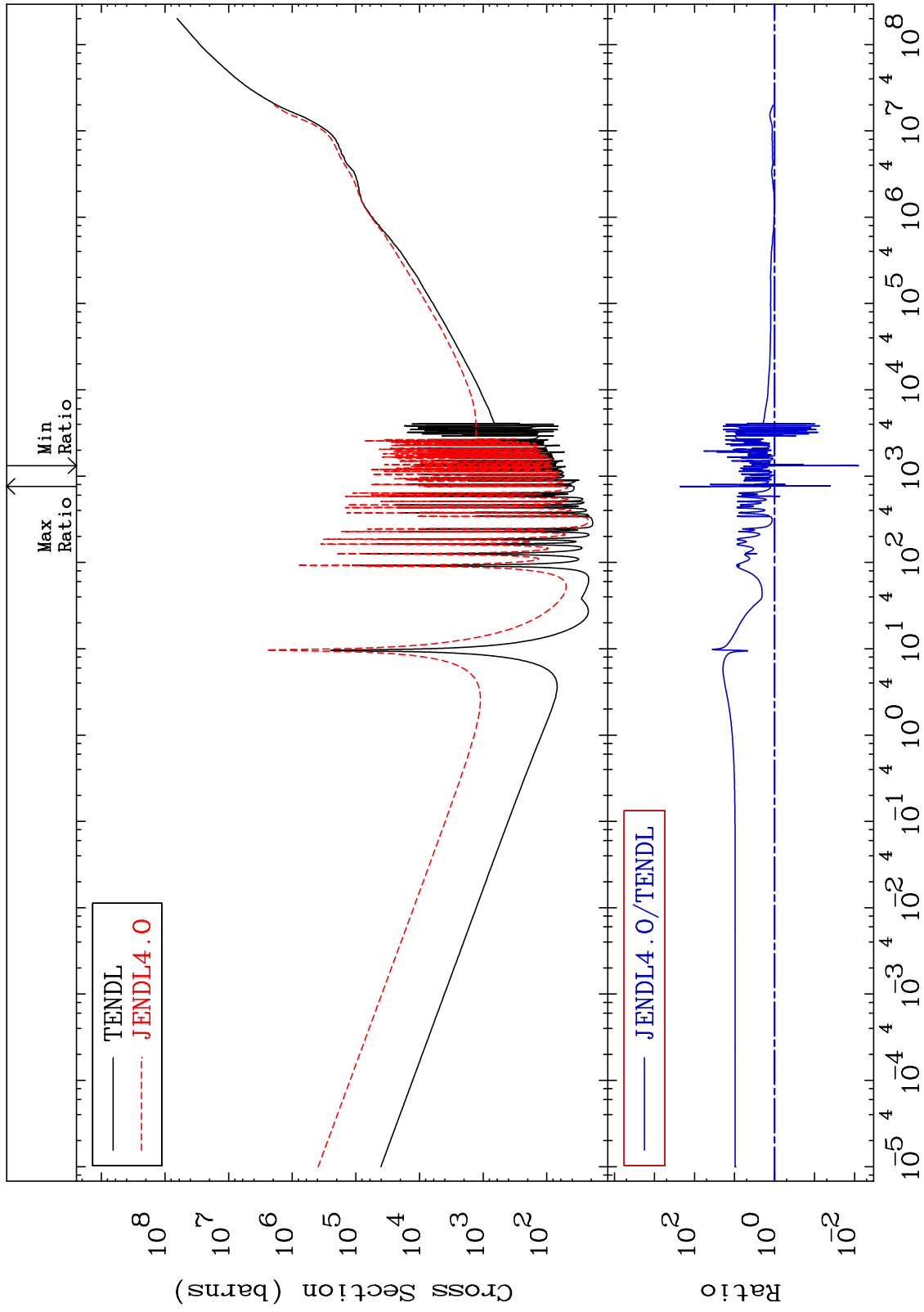
Incident Energy (eV)

54-Xe-129

MAT 5440

Total kinematic kerma (high limit)  
Cross Section

54-Xe-129  
-99.19 To 9999. %



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Incident Energy (eV)

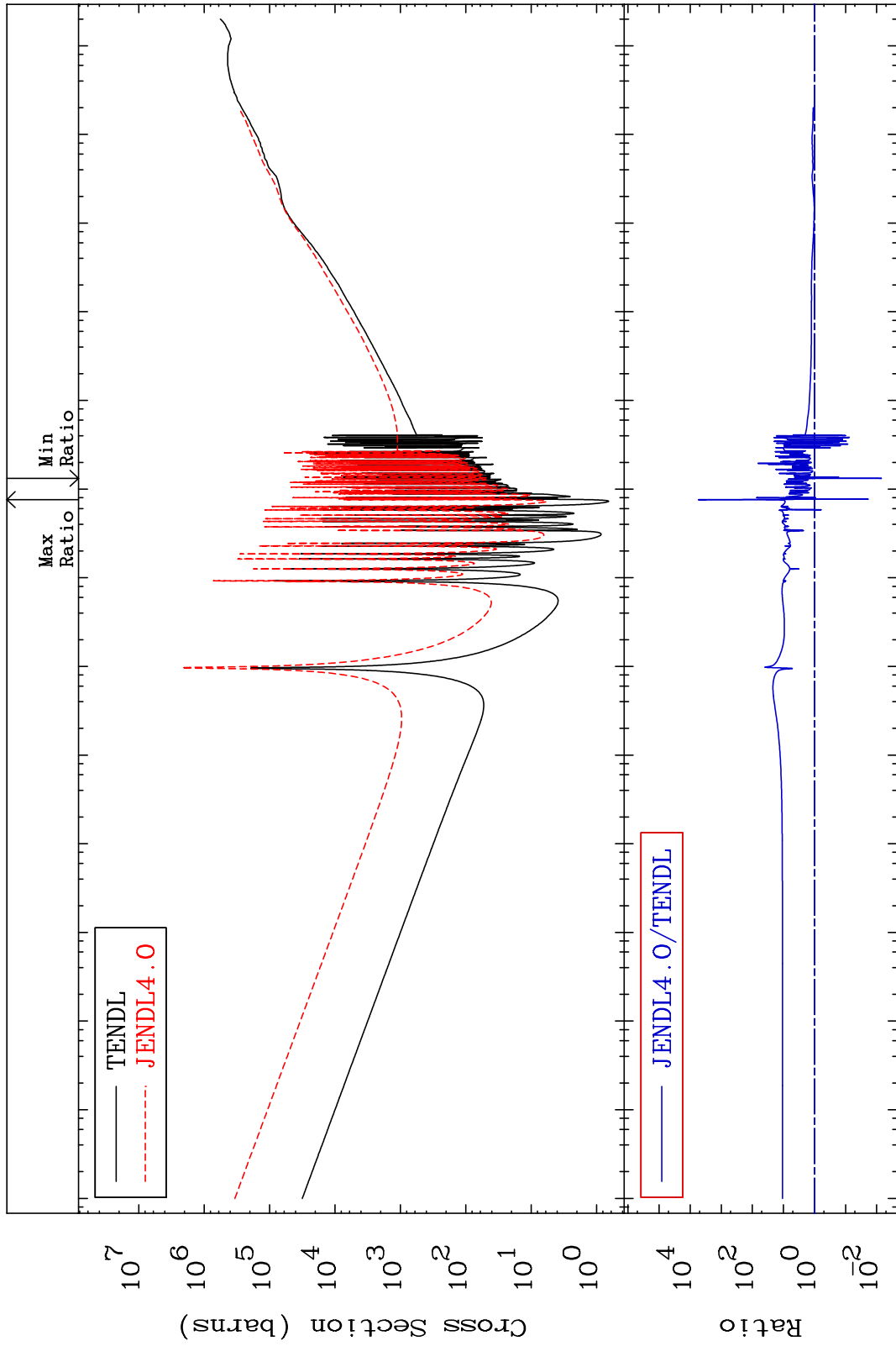
54-Xe-129



MAT 5440

Dpa total (eV-barns)  
Cross Section

54-Xe-129  
-99.30 To 9999. %



40

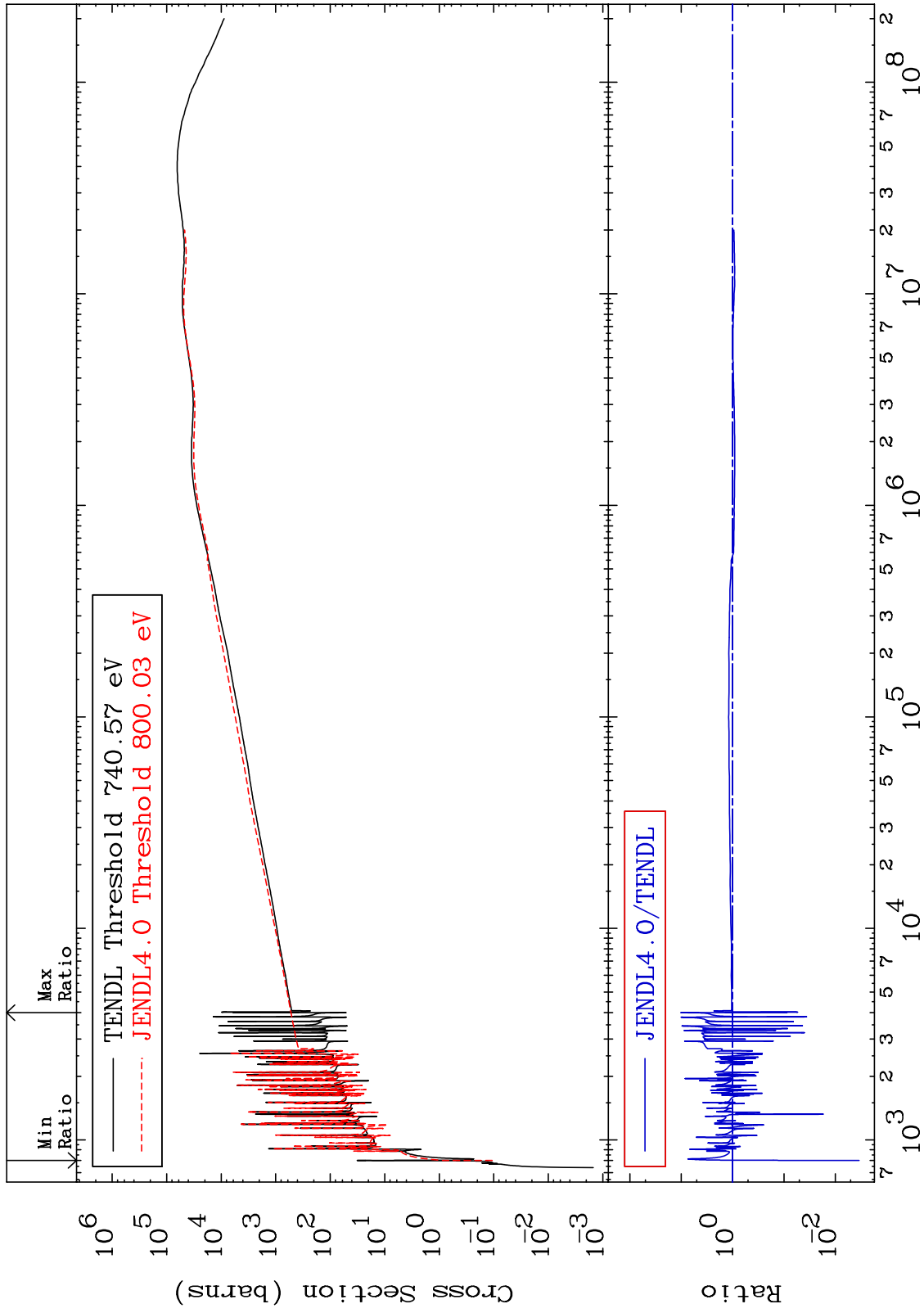
Incident Energy (eV)

54-Xe-129

MAT 5440

Dpa elastic (mt2)  
Cross Section

54-Xe-129  
-99.66 To 930.5 %



41

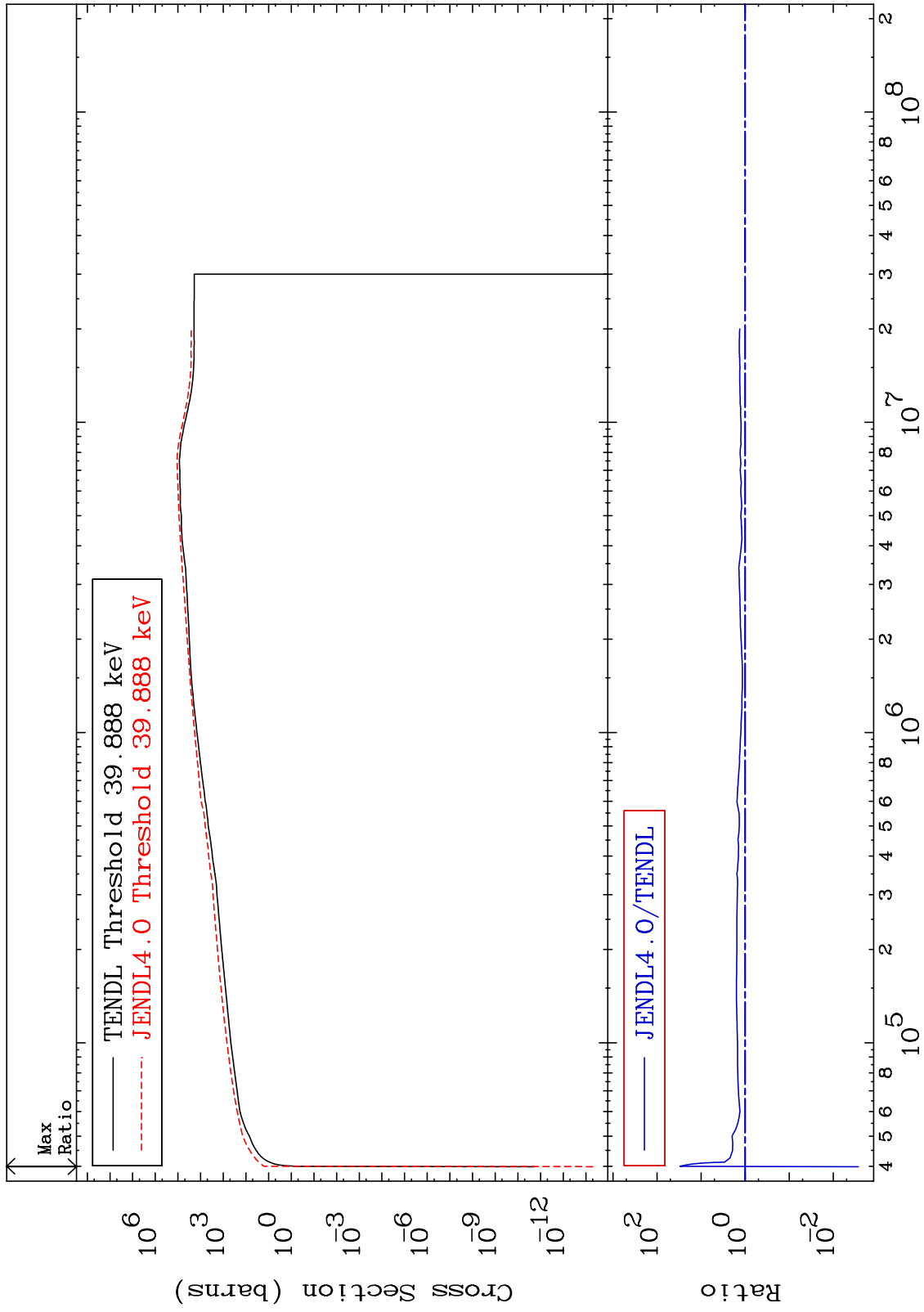
Incident Energy (eV)

54-Xe-129

MAT 5440

Dpa inelastic (mt51-91)  
Cross Section

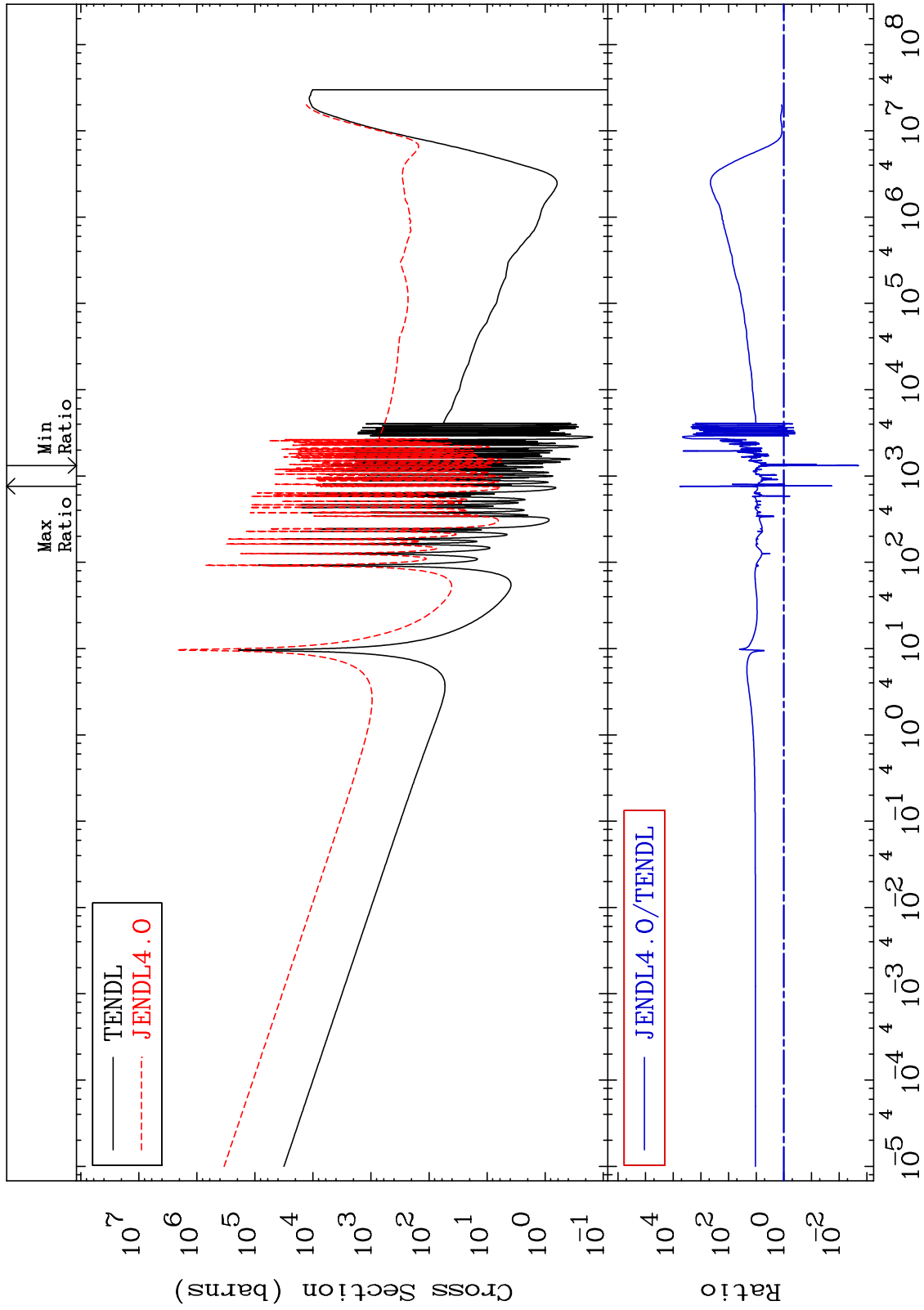
54-Xe-129  
-99.73 To 2909. %



MAT 5440

Dpa disappearance (mt102 -120)  
Cross Section

54-Xe-129  
-99.80 To 9999. %



43

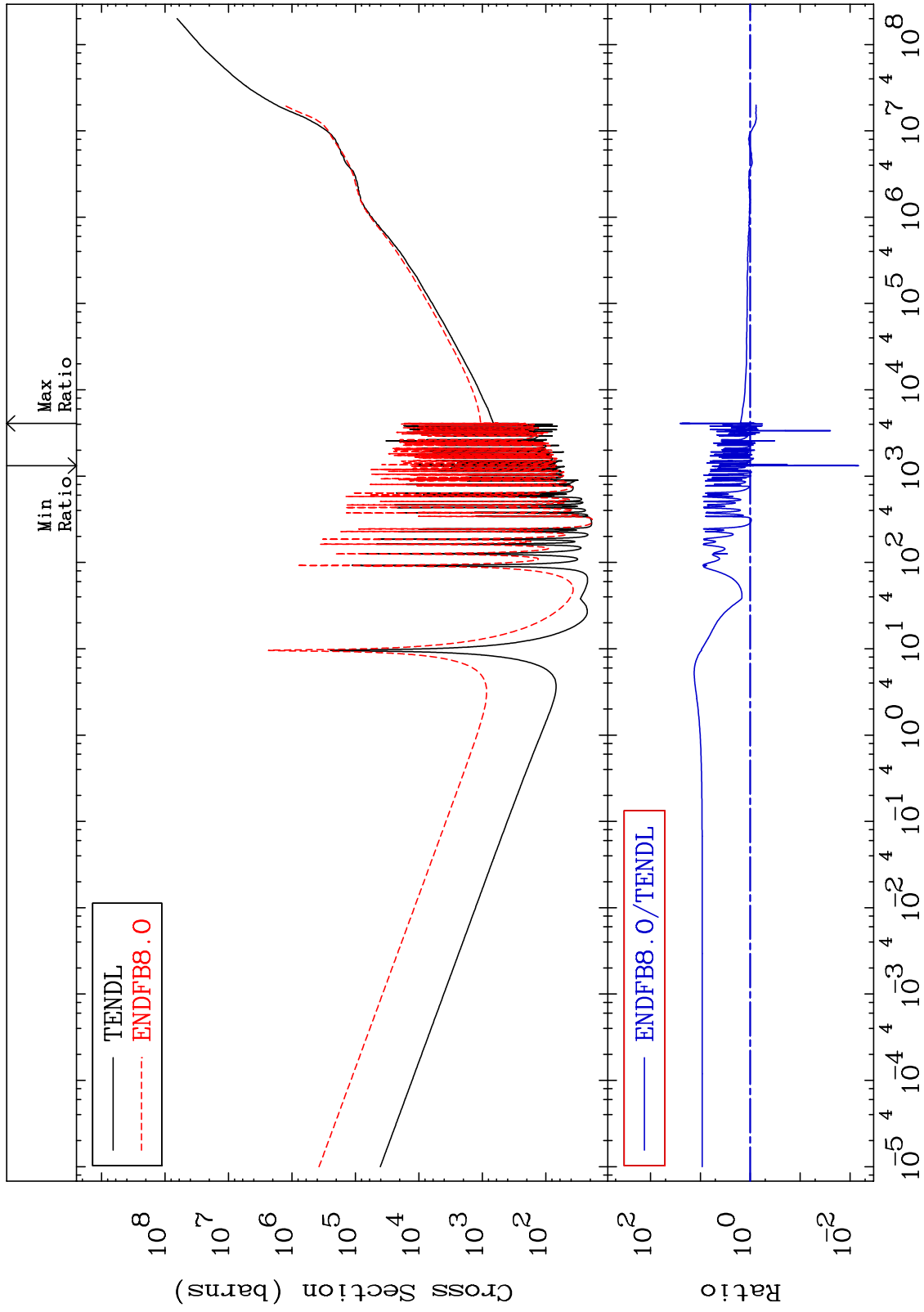
Incident Energy (eV)

54-Xe-129

MAT 5440

Total kinematic kerma (high limit)  
Cross Section

54-Xe-129  
-99.32 To 2457. %



44

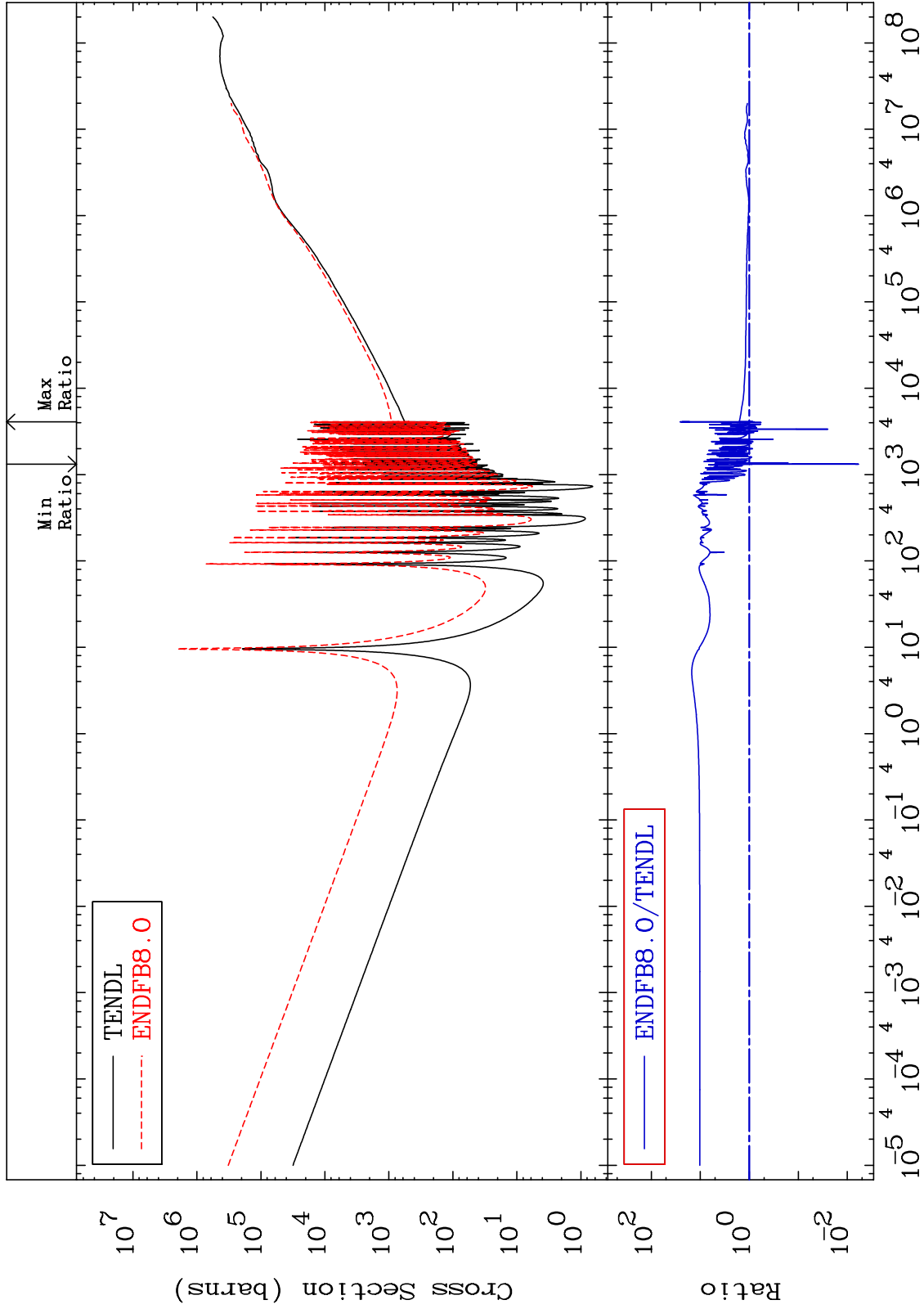
Incident Energy (eV)

54-Xe-129

MAT 5440

Dpa total (eV-barns)  
Cross Section

54-Xe-129  
-99.41 To 2491. %



45

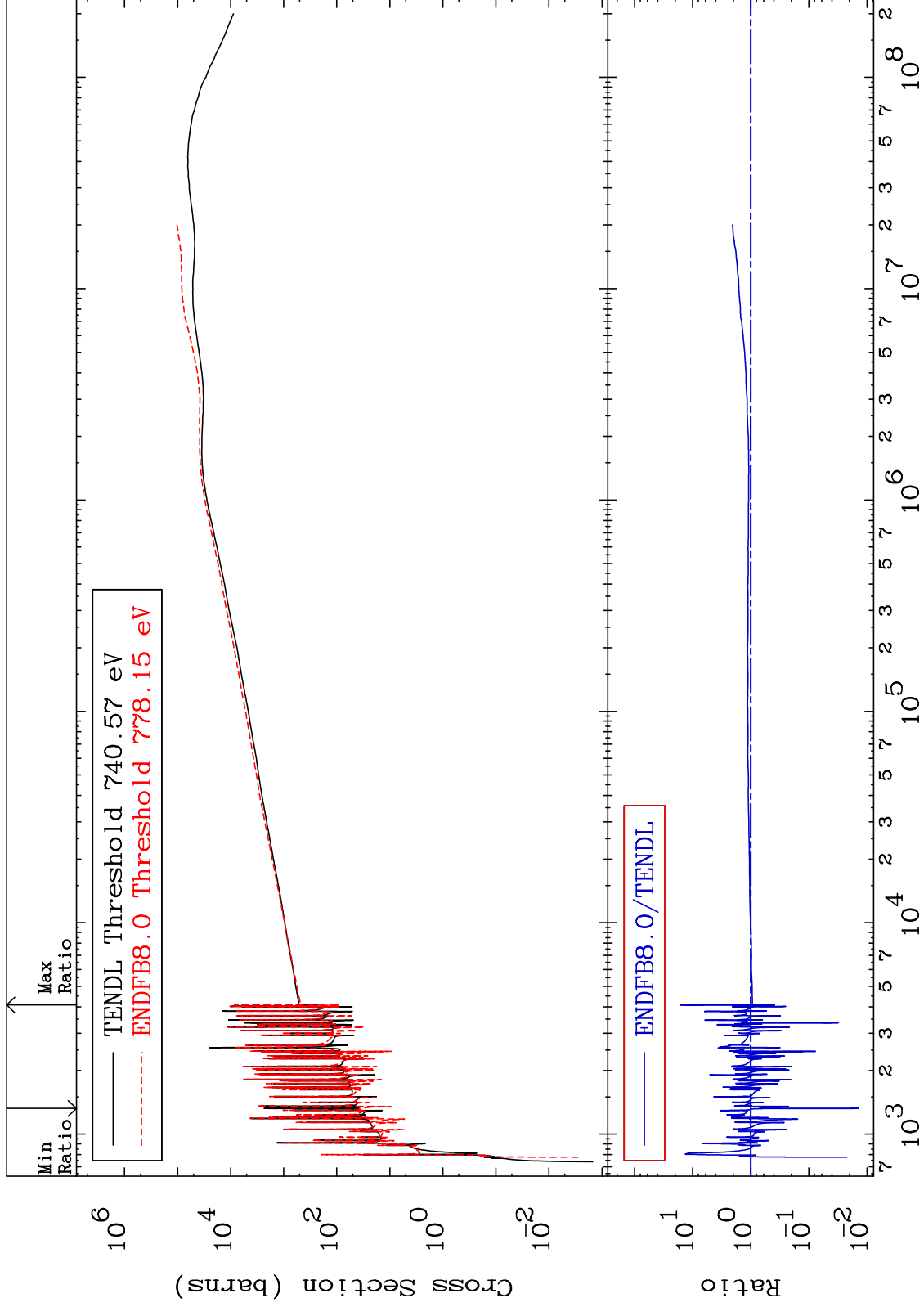
Incident Energy (eV)

54-Xe-129

MAT 5440

Dpa elastic (mt2)  
Cross Section

54-Xe-129  
-98.59 To 1552. %



46

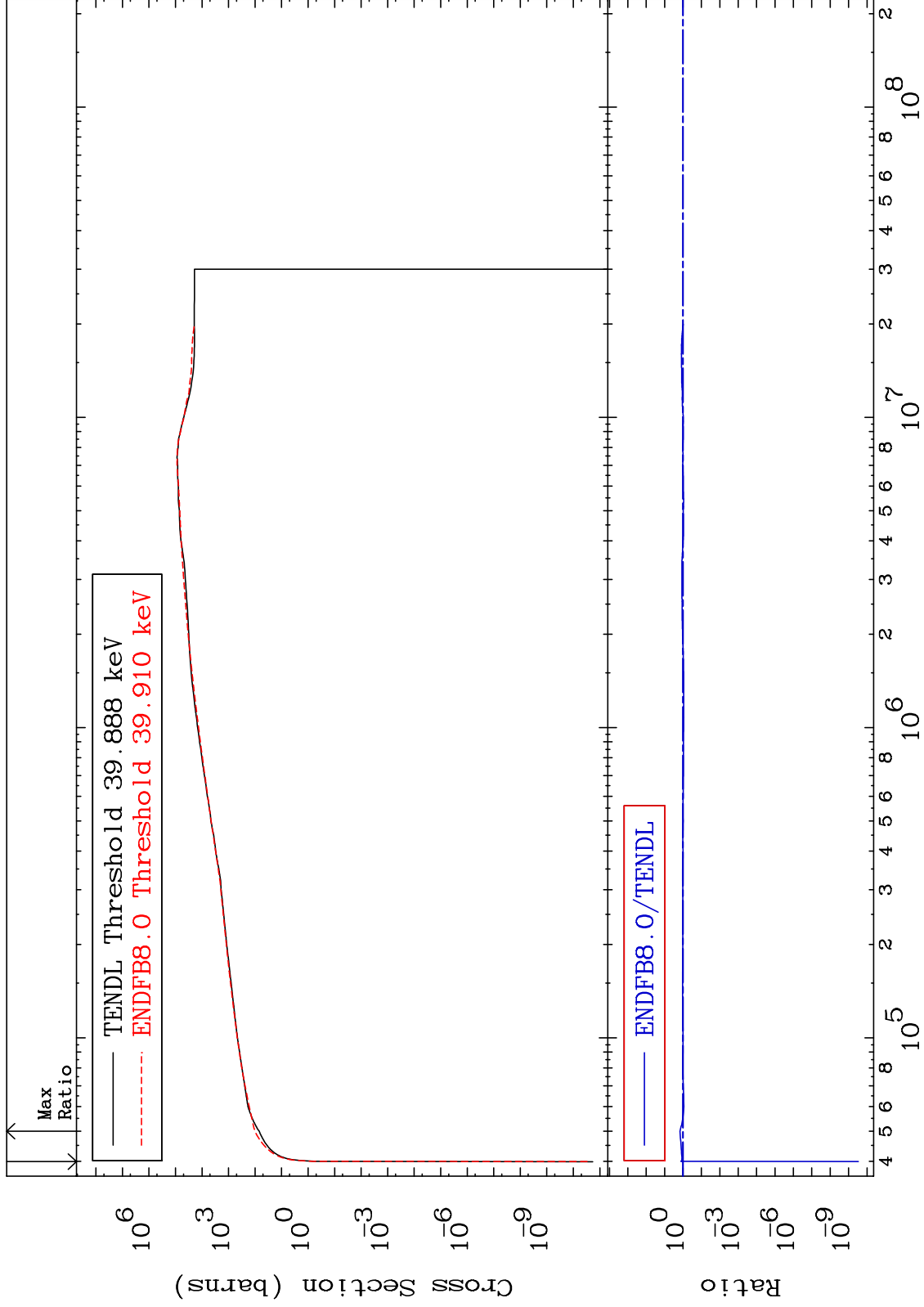
Incident Energy (eV)

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)      54-Xe-129  
Cross Section      -99.80 To 9999. %

