

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

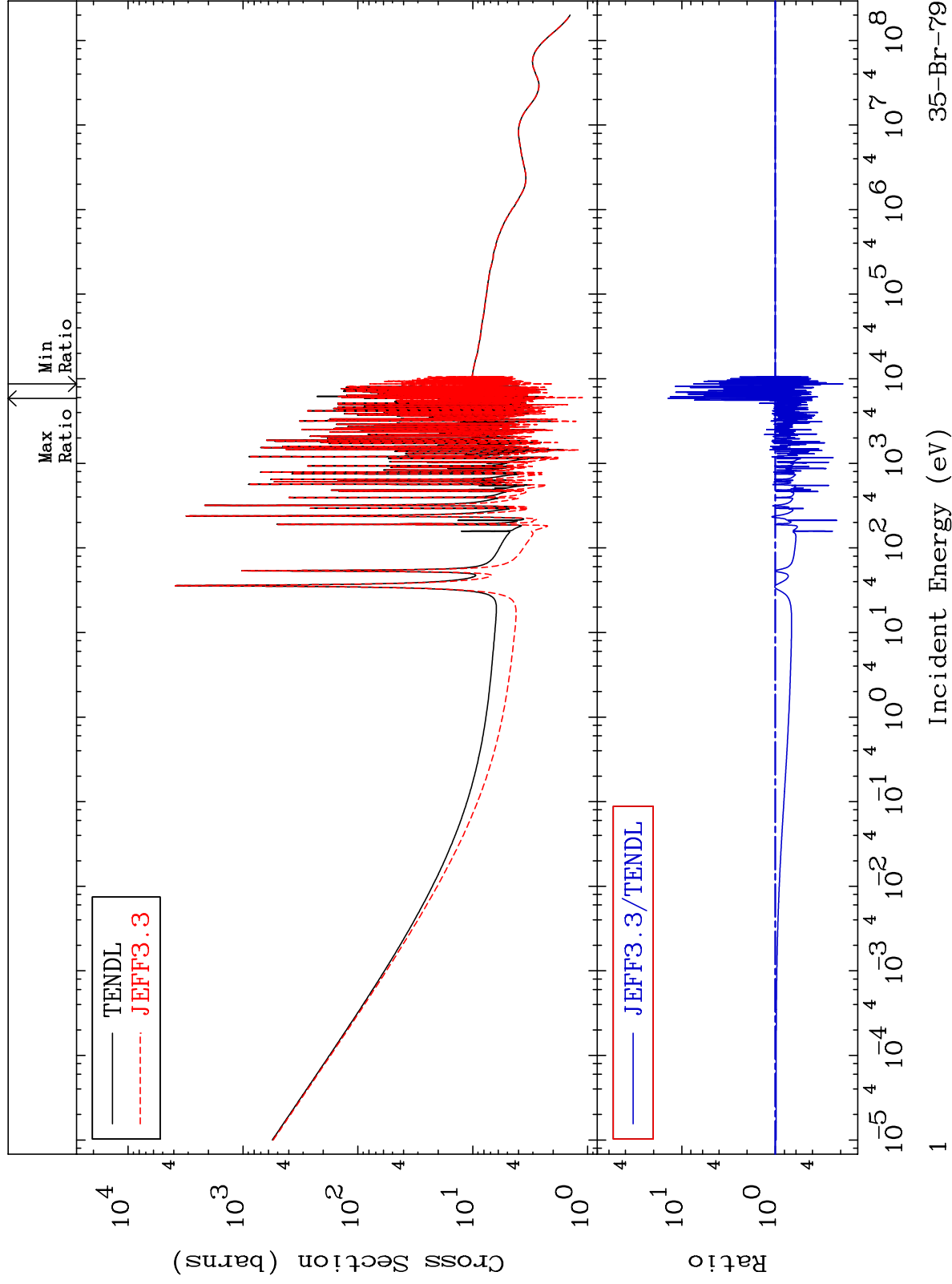
MAT 3525

Total

35-Br-79

Cross Section

-81.06 To 1304. %



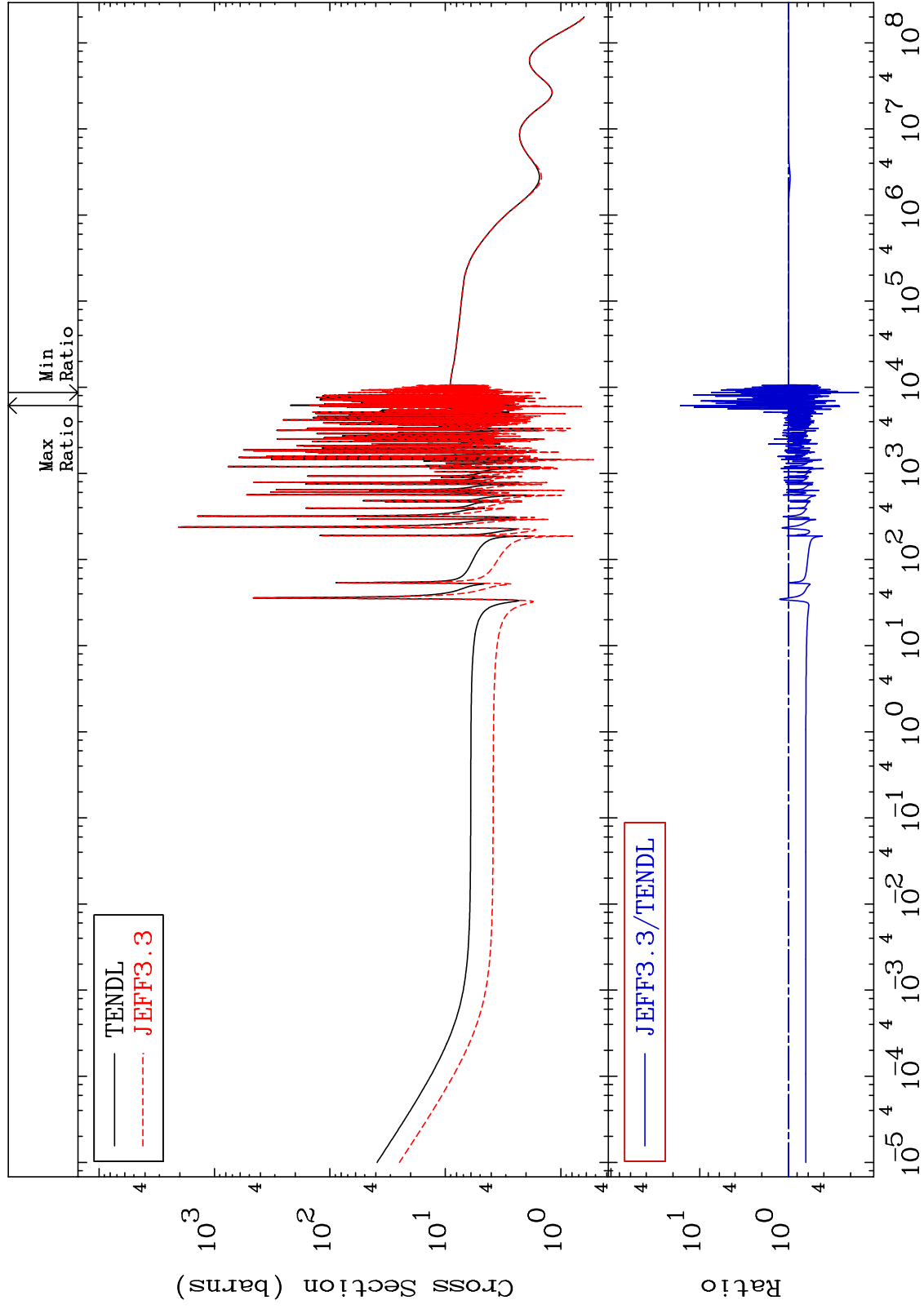
MAT 3525

Elastic

Cross Section

35-Br-79

-83.71 To 1548. %



2

Incident Energy (eV)

35-Br-79

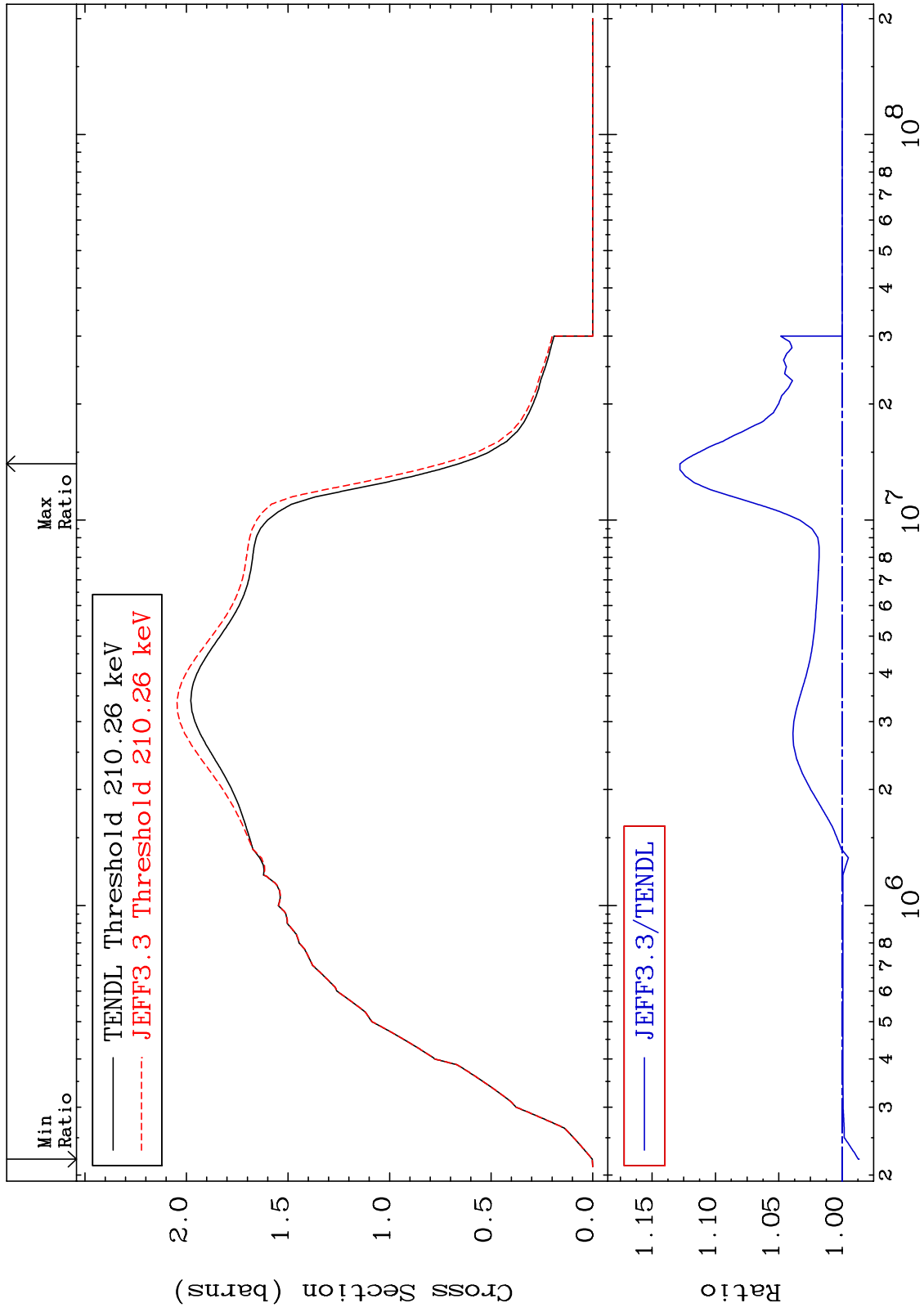
MAT 3525

35-Br-79

Inelastic

Cross Section

-1.285 To 12.80 %



Incident Energy (eV)

35-Br-79

3

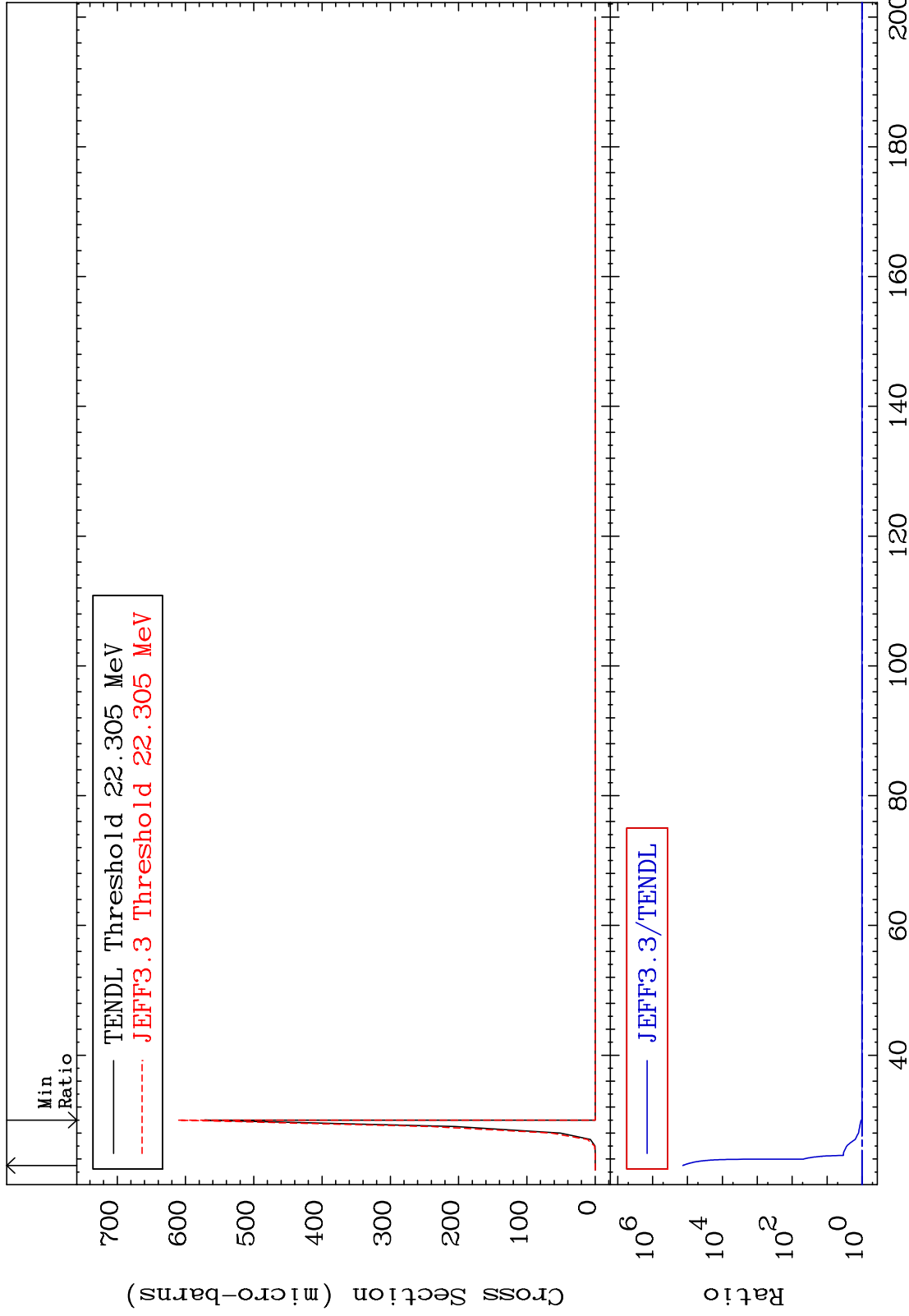
MAT 3525

(n,2n) d

³⁵Br-79

Cross Section

0.000 To 9999. %



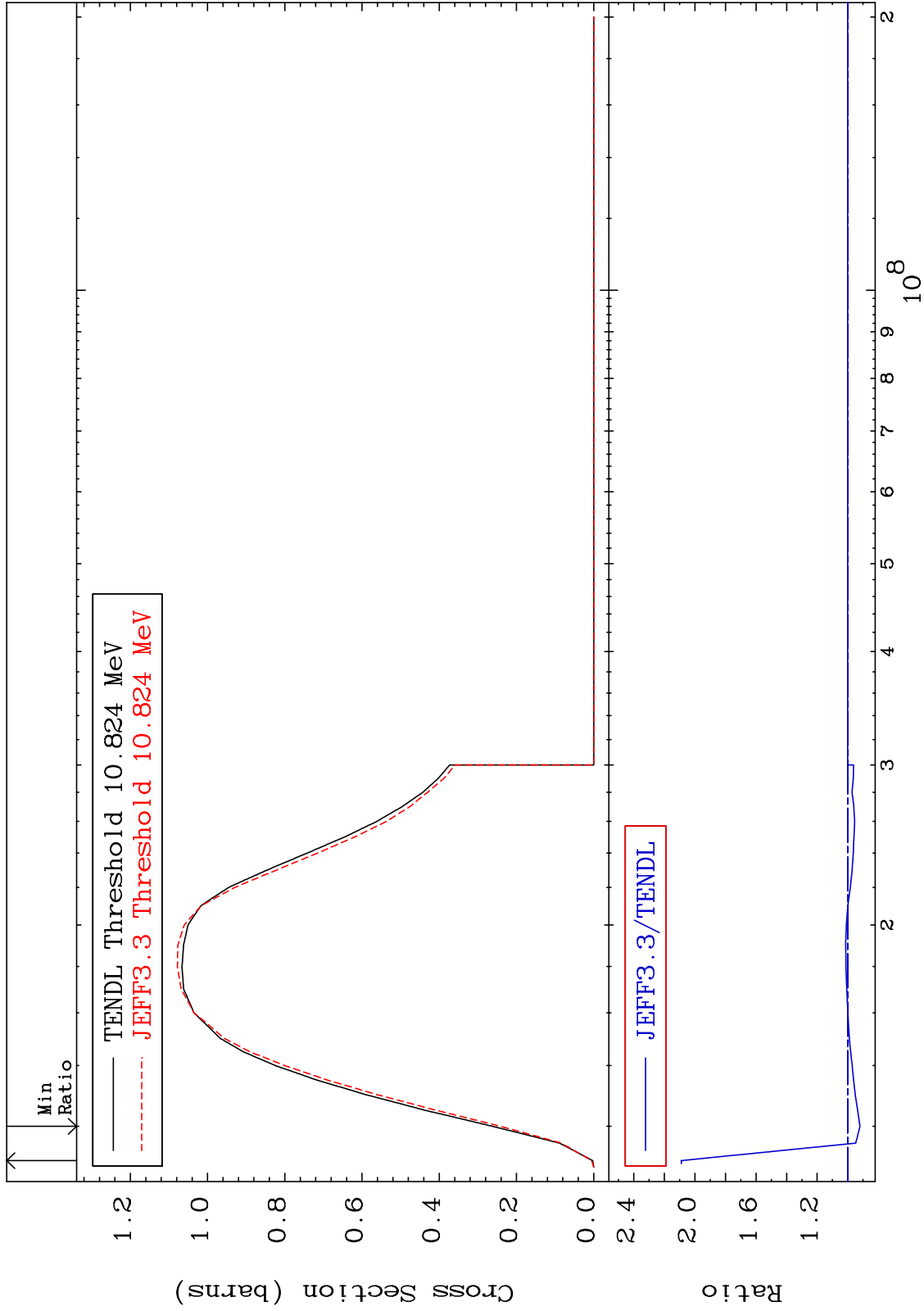
MAT 3525

(n,2n)

35-Br-79

Cross Section

-7.985 To 108.9 %

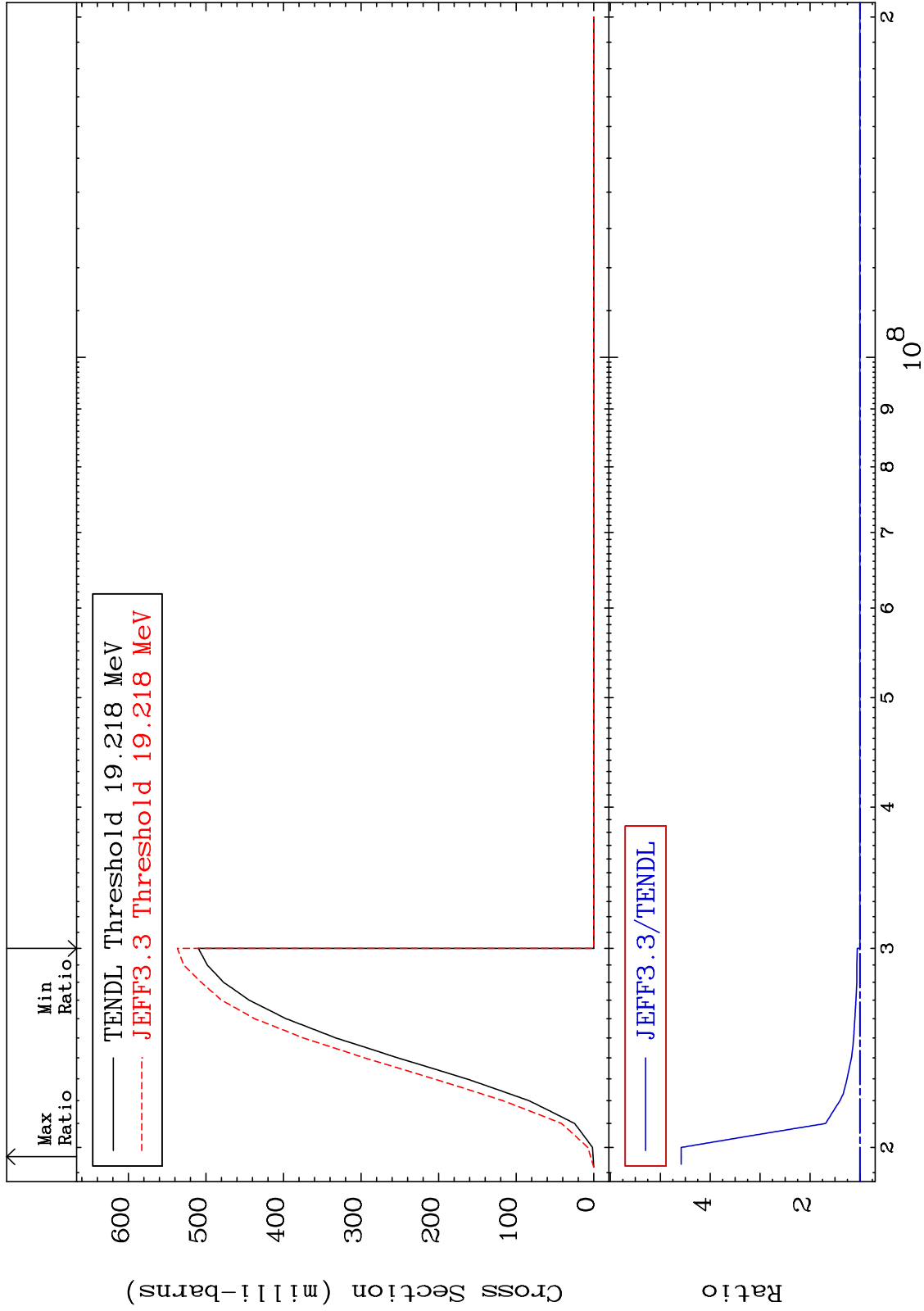


MAT 3525

(n, 3n)

³⁵Br-79

Cross Section 0.000 To 358.1 %



6

Incident Energy (eV)

³⁵Br-79

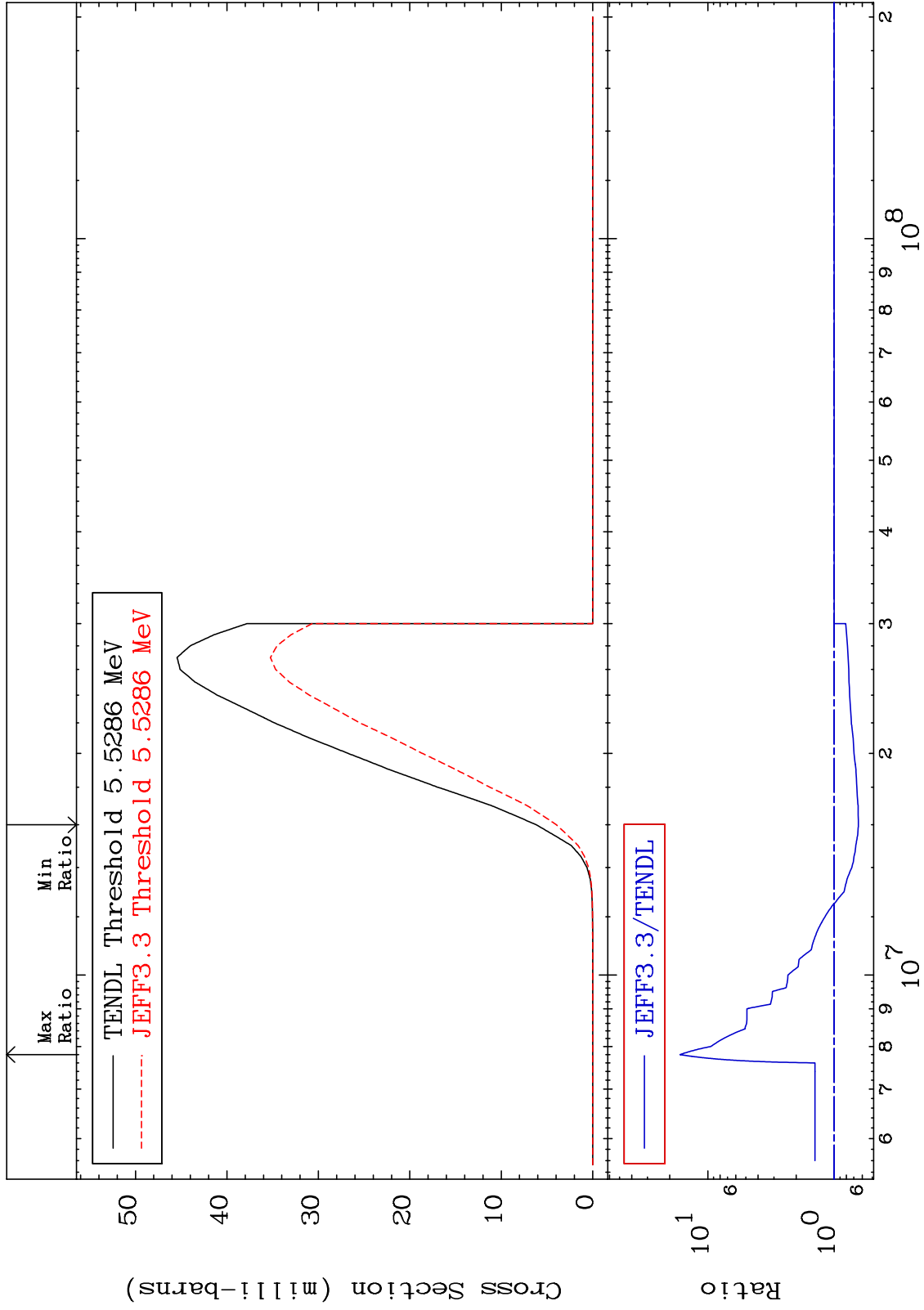
MAT 3525

$(n, n') \alpha$

$^{35}\text{Br-79}$

Cross Section

-35.64 To 1560. %



$^{35}\text{Br-79}$

Incident Energy (eV)

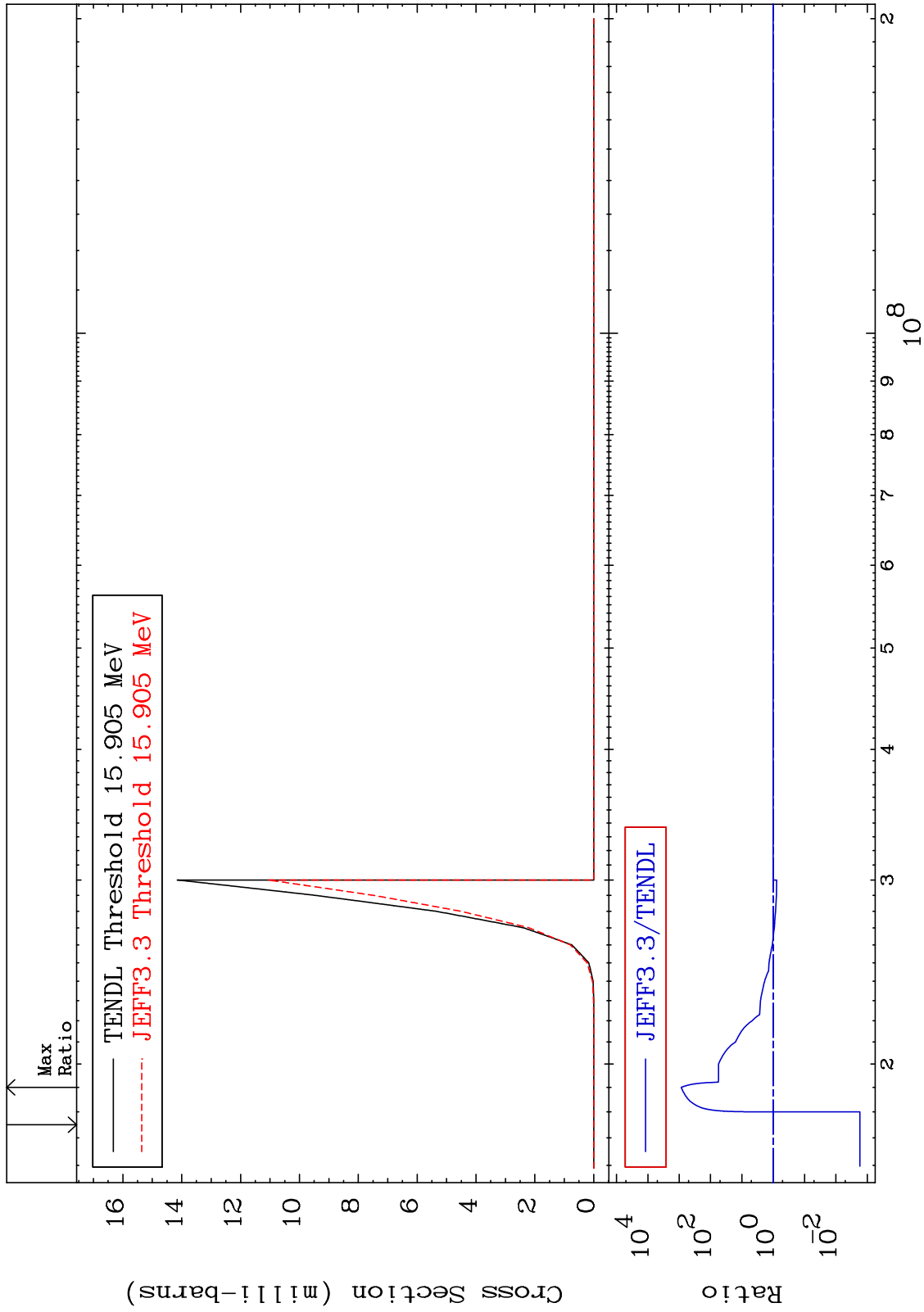
MAT 3525

(n,2n) α

35-Br-79

Cross Section

-99.83 To 9999. %



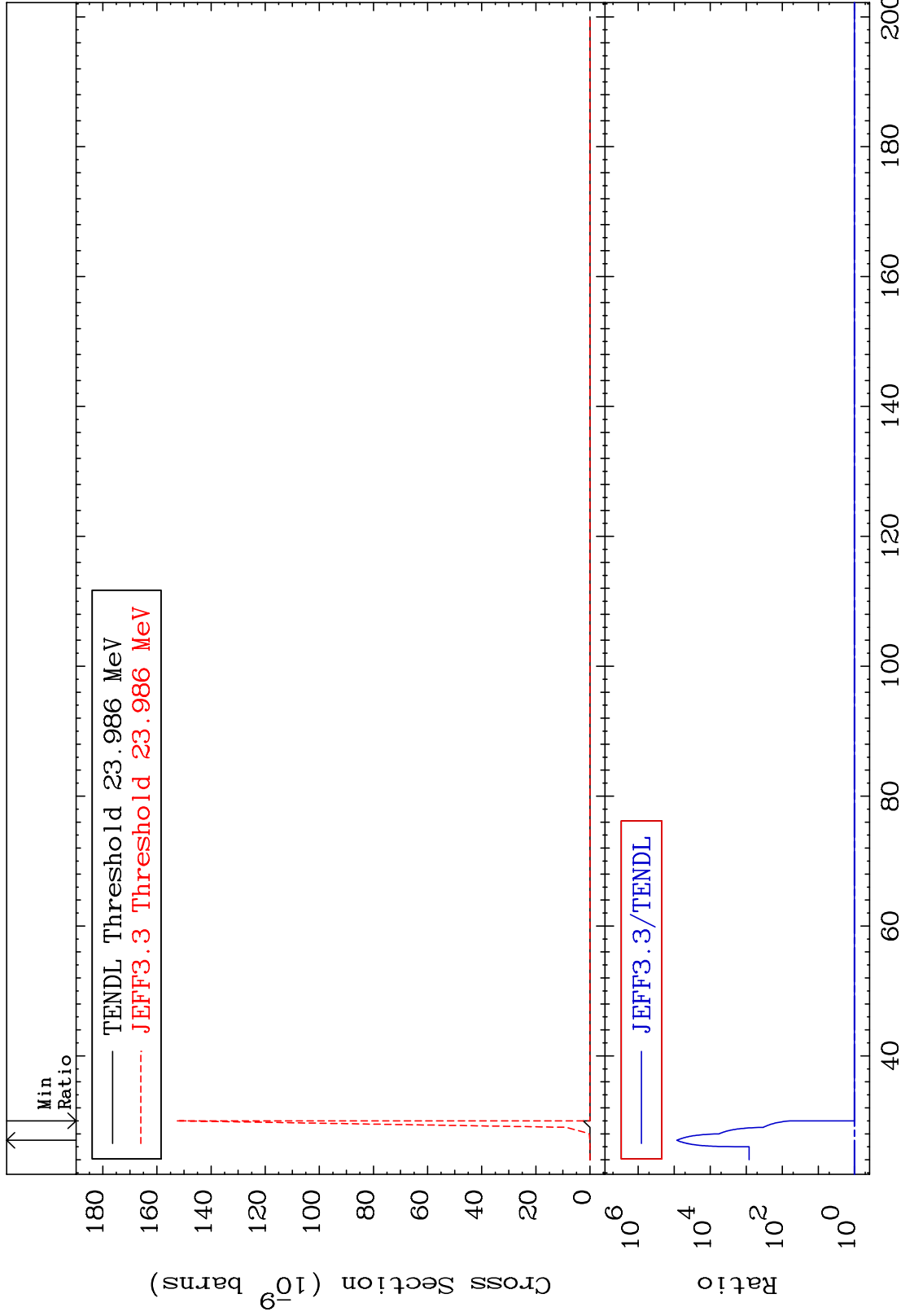
MAT 3525

(n,3n) α

³⁵Br-79

Cross Section

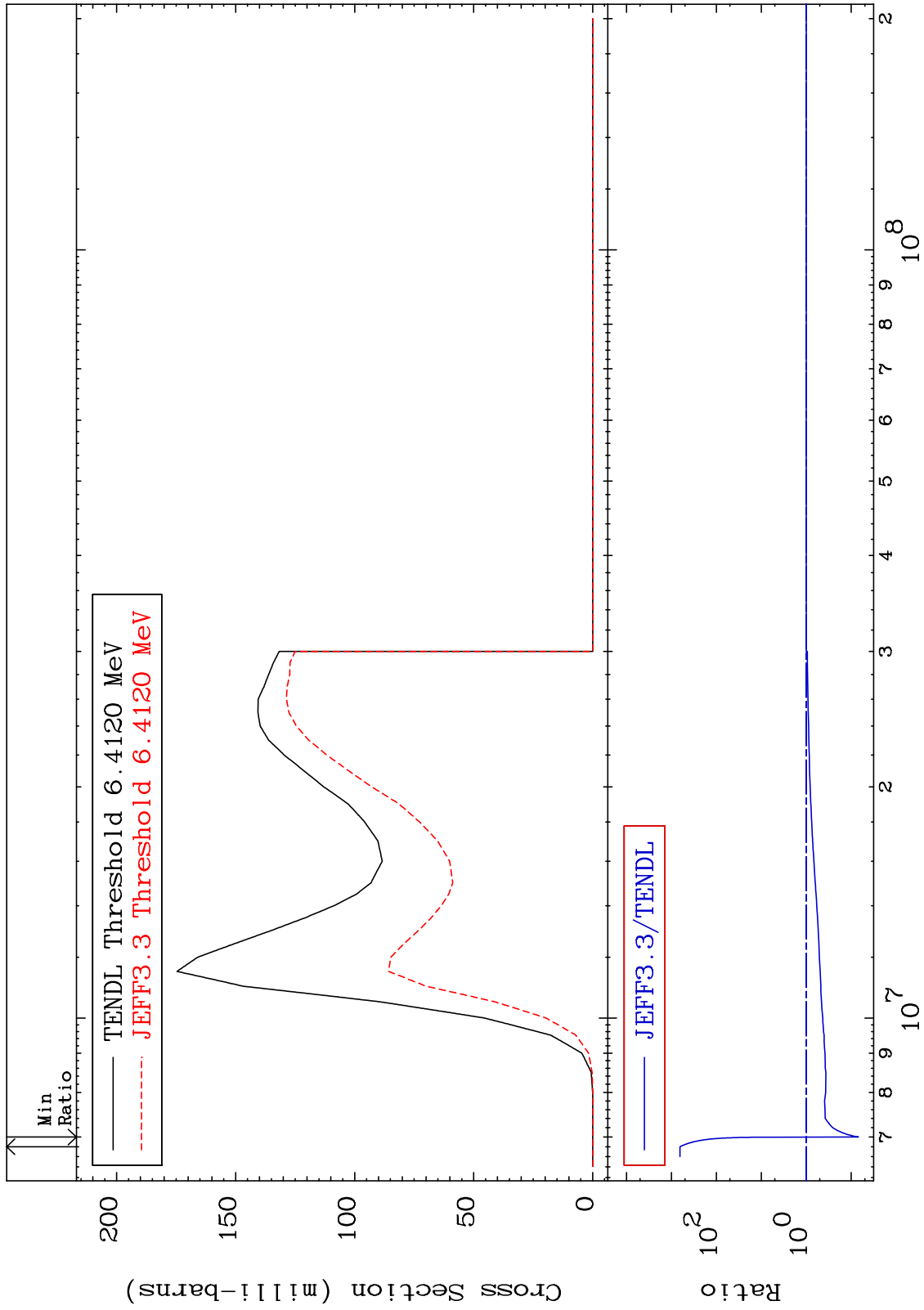
0.000 To 9999. %



MAT 3525

(n,n') p
Cross Section

35-Br-79
-93.06 To 9999. %



10

Incident Energy (eV)

35-Br-79

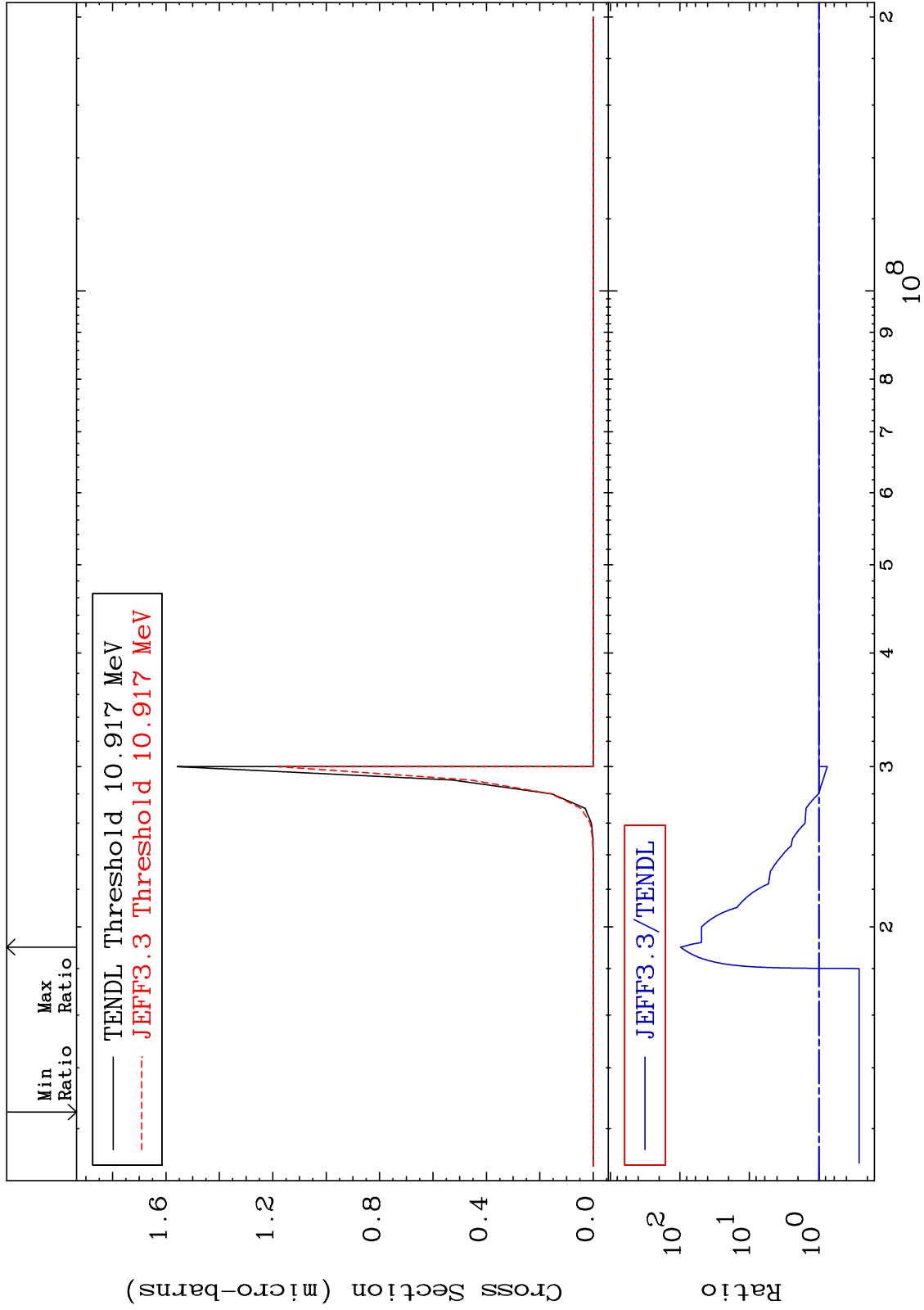
MAT 3525

(n, n') 2α

35-Br-79

Cross Section

-73.70 To 9686. %



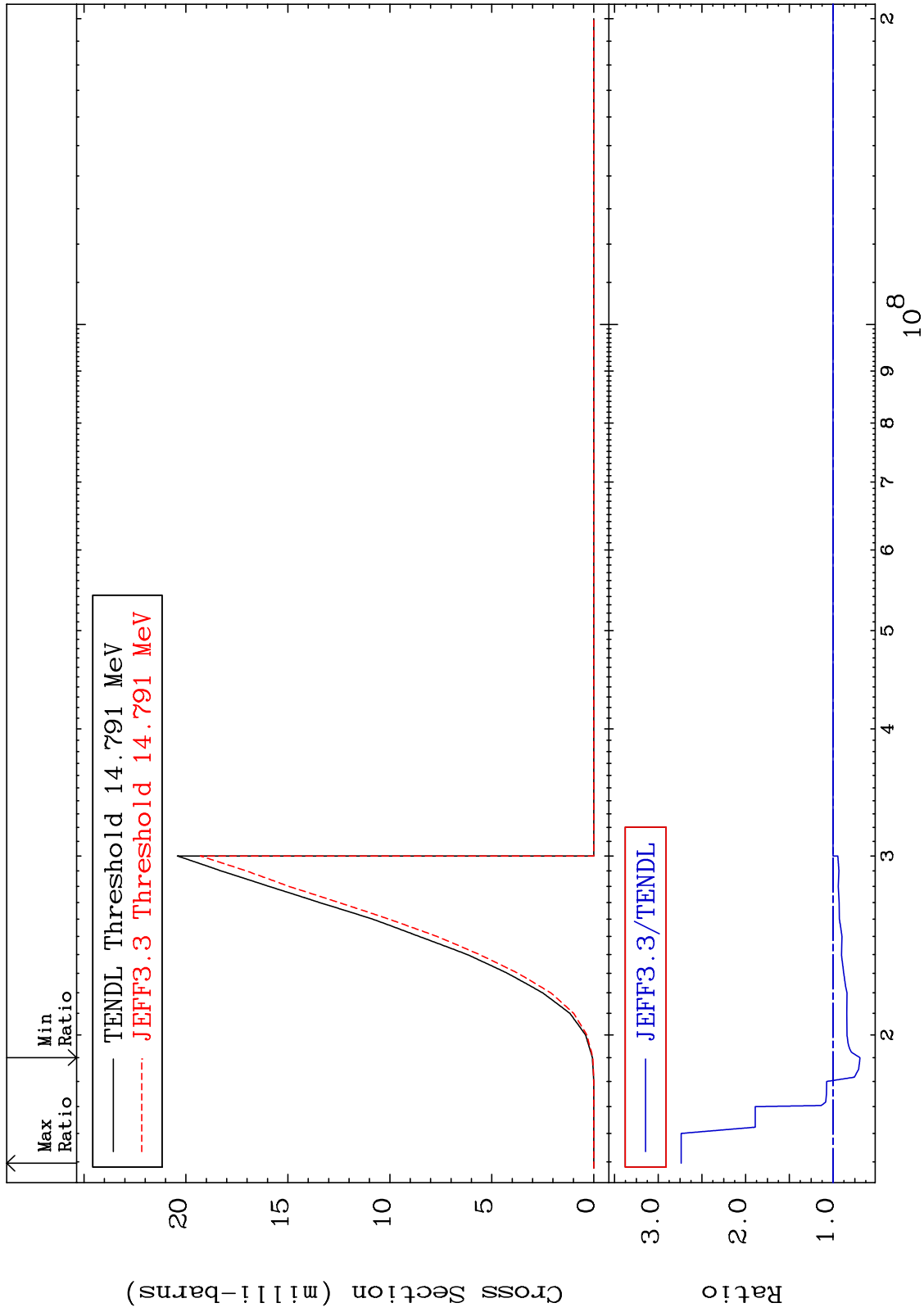
MAT 3525

(n, n') d

35-Br-79

Cross Section

-30.79 To 173.6 %



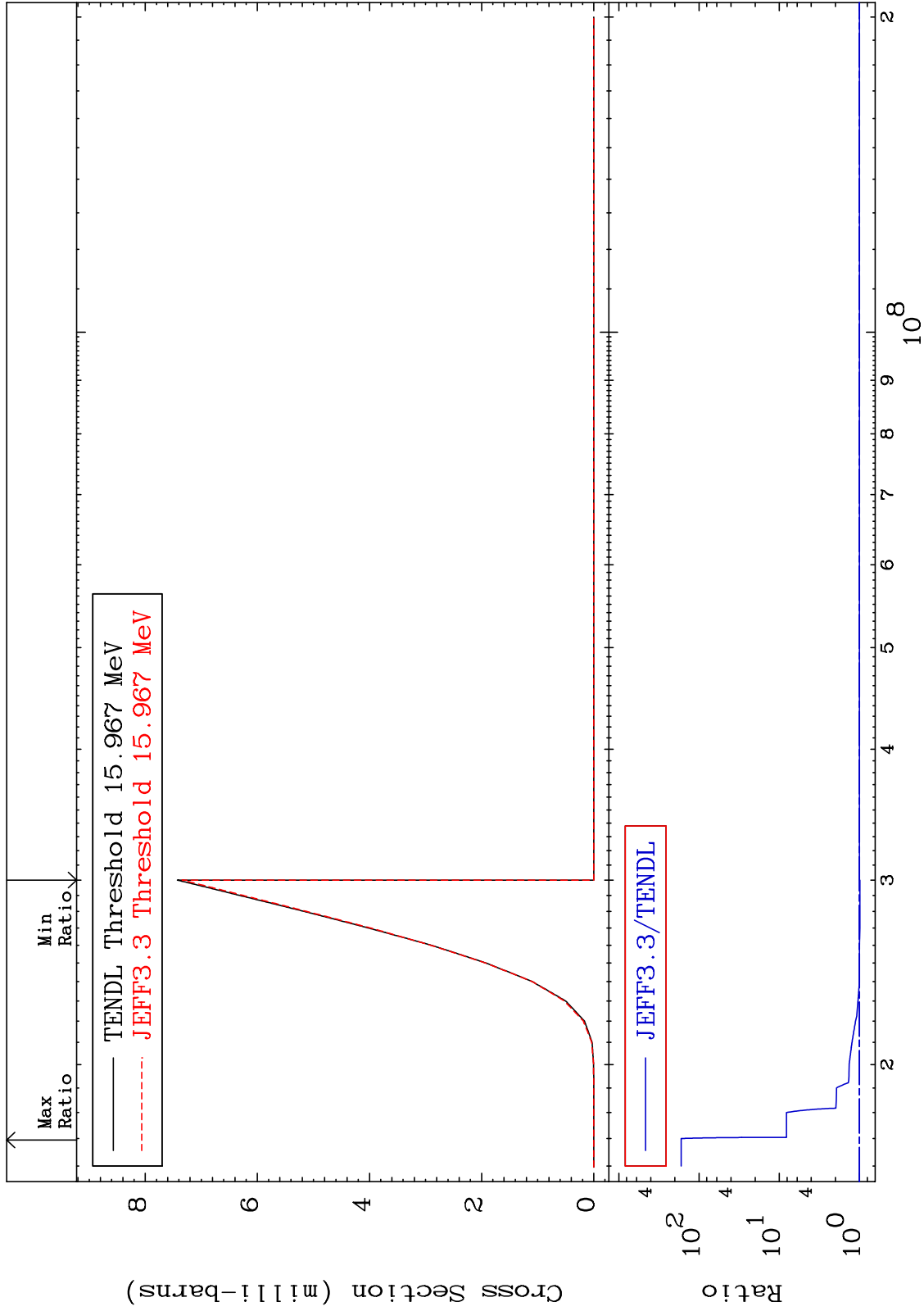
MAT 3525

(n,n') t

35-Br-79

Cross Section

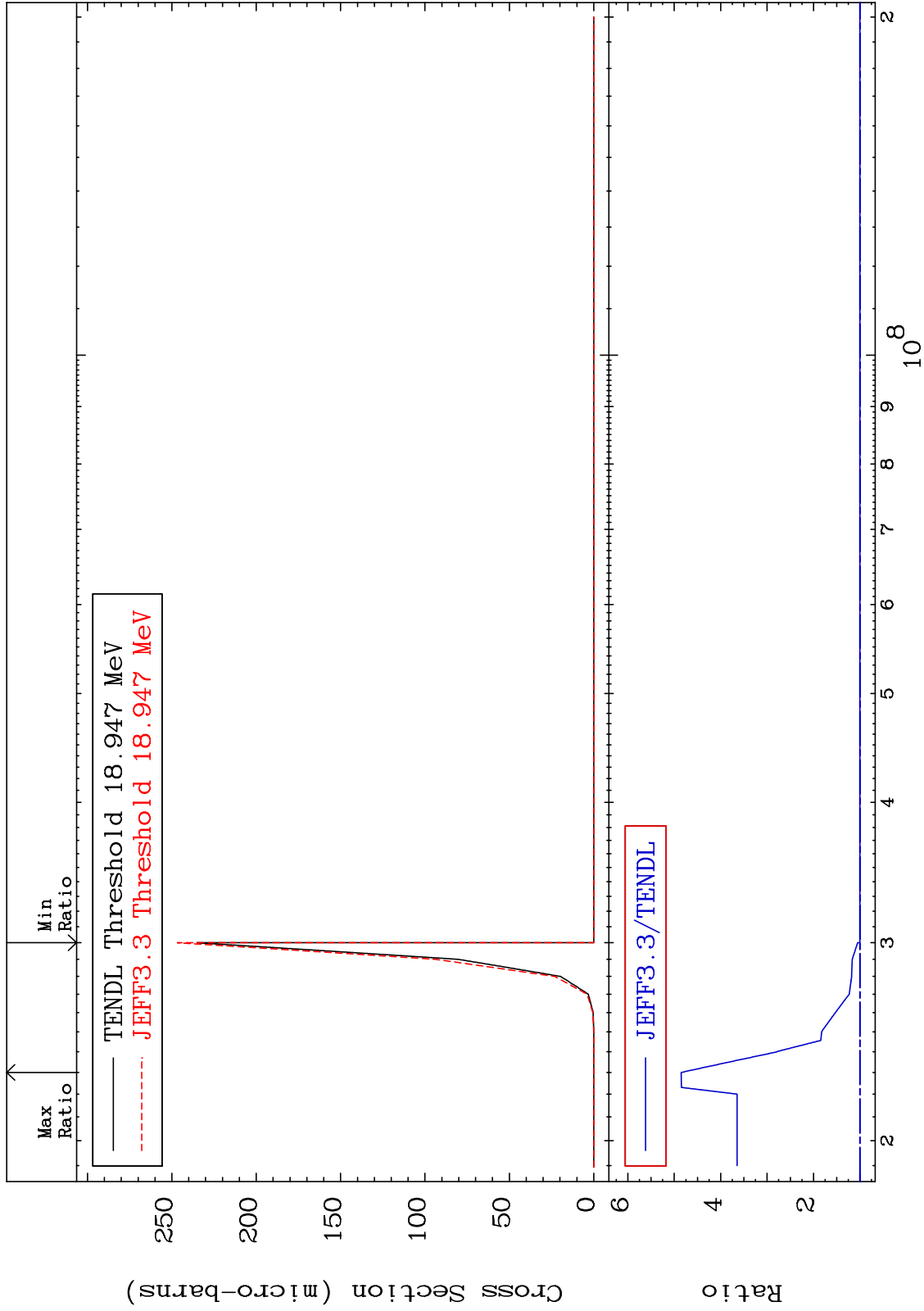
-1.124 To 9999. %



MAT 3525

(n, n') He-3
Cross Section

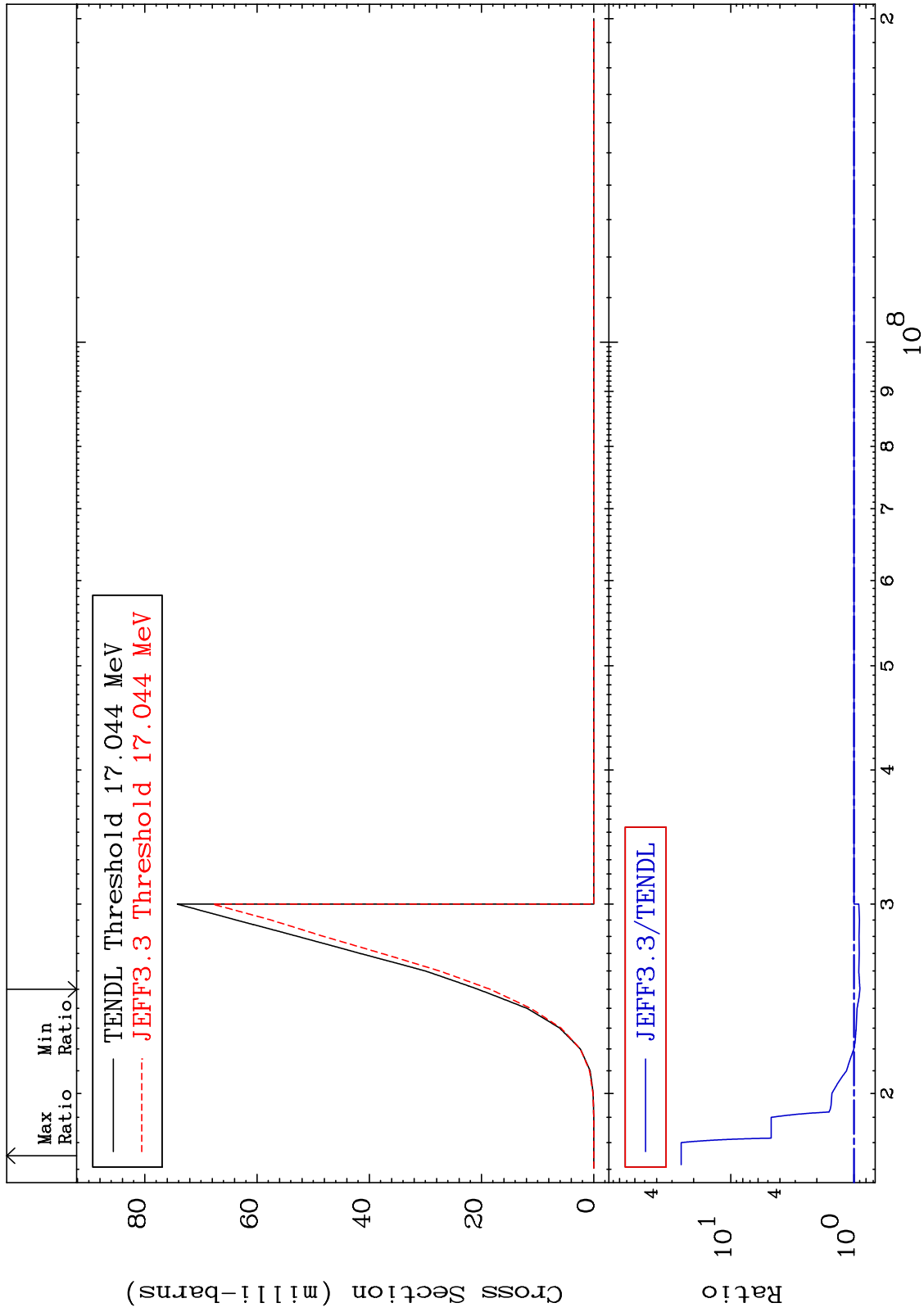
35-Br-79
0.000 To 385.0 %



MAT 3525

(n,2n) p
Cross Section

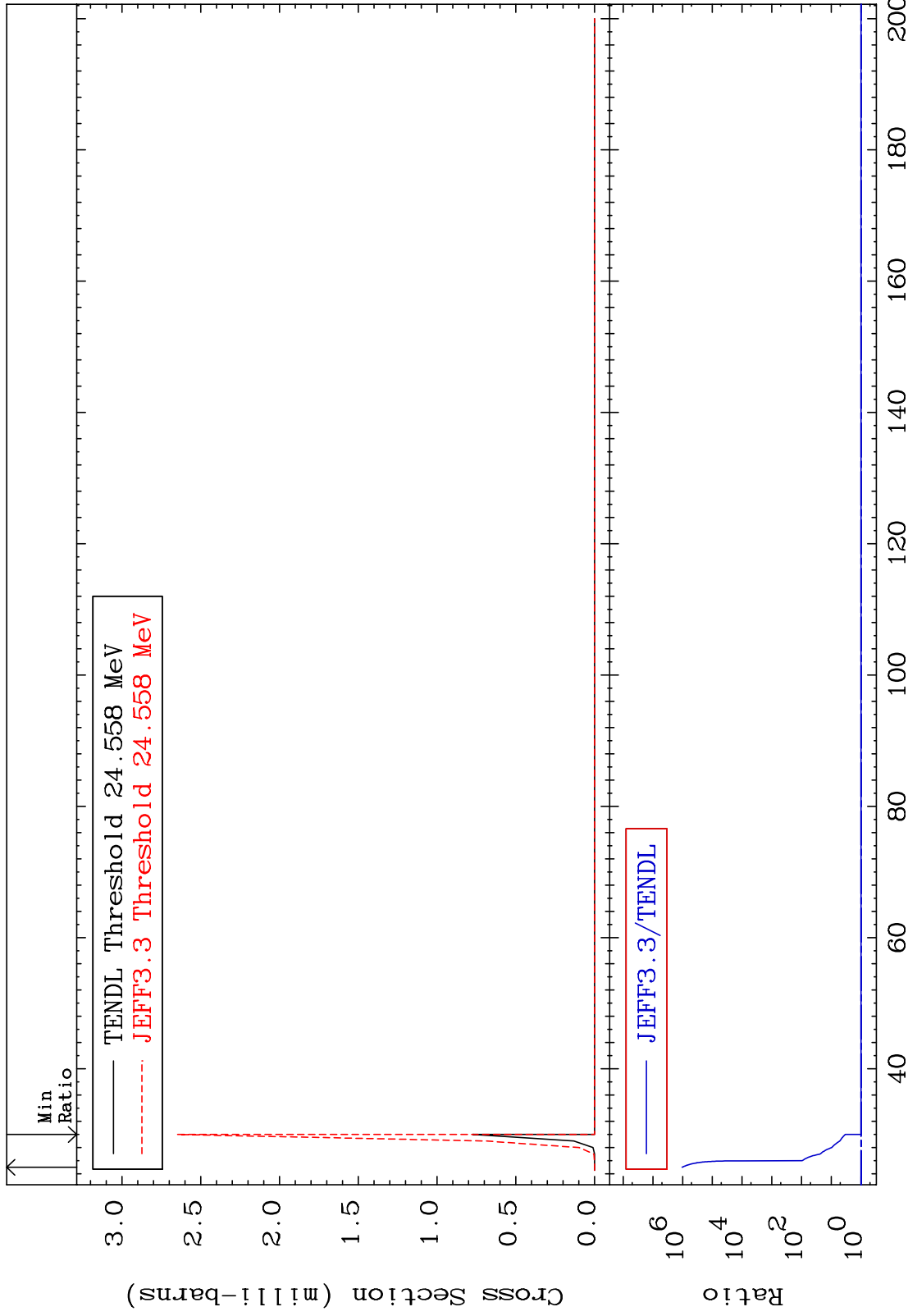
³⁵Br-79
-10.45 To 2425. %



MAT 3525

(n,3n) p
Cross Section

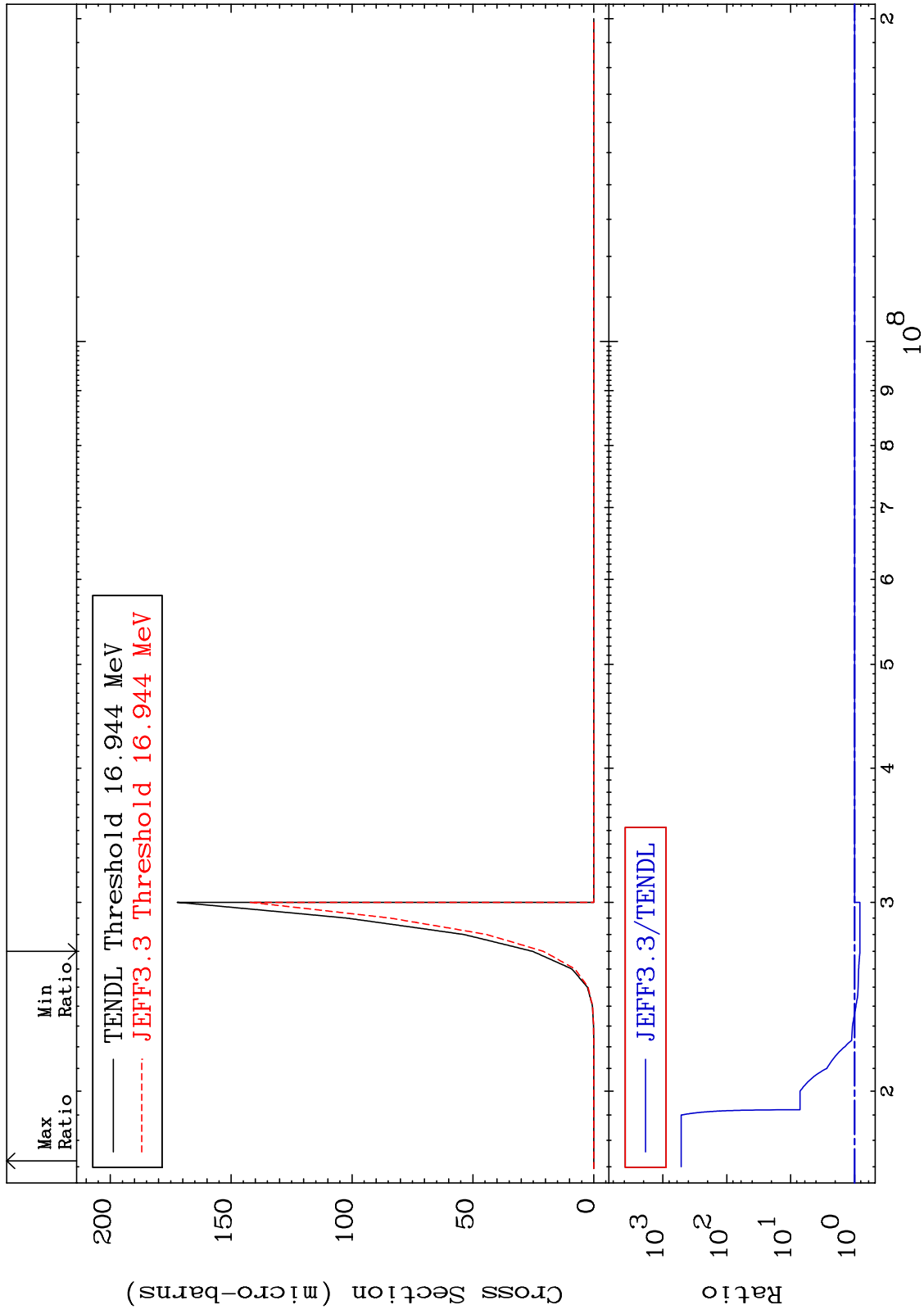
35-Br-79
0.000 To 9999. %



MAT 3525

(n,2n) p
Cross Section

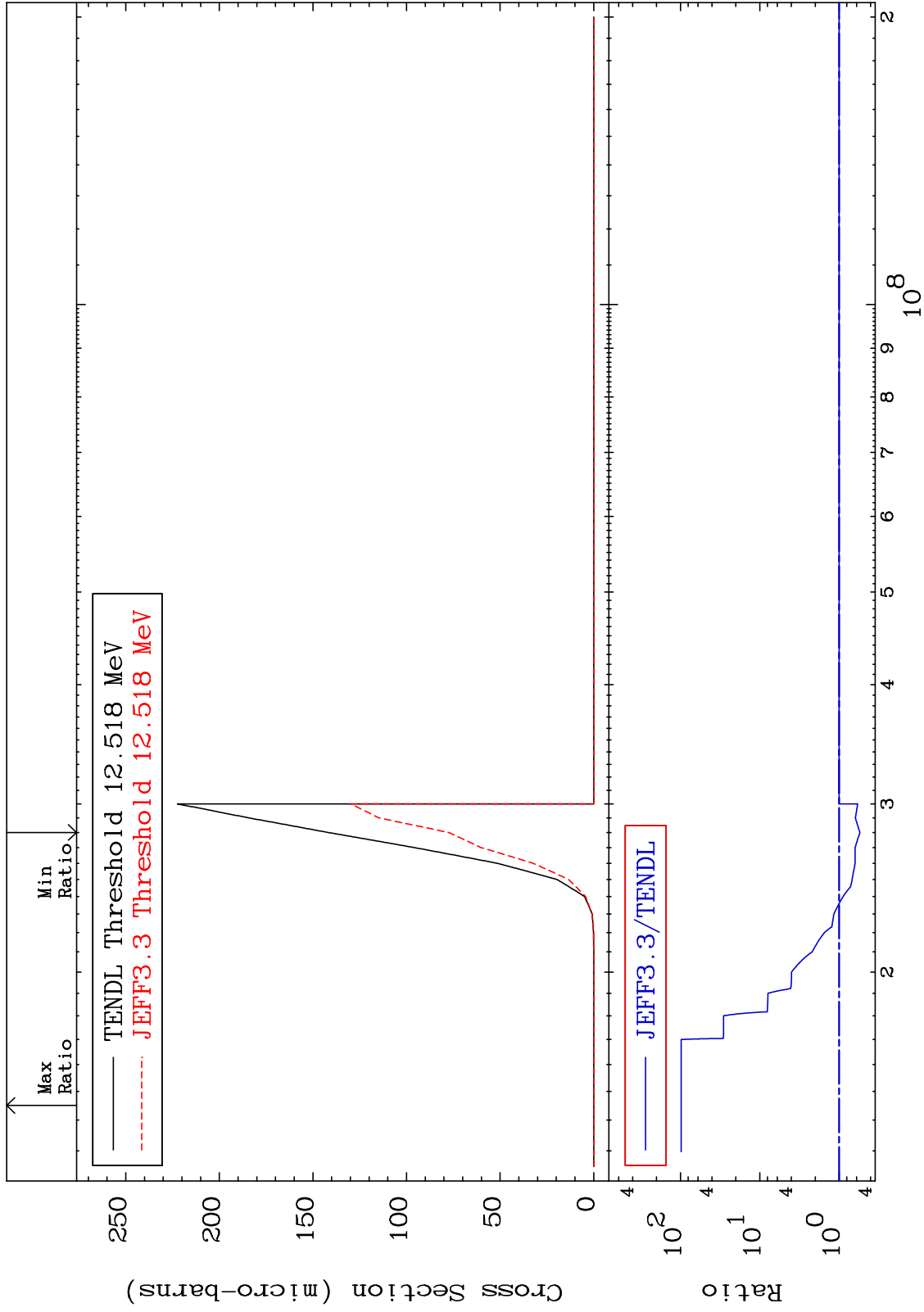
³⁵Br-79
-17.68 To 9999. %



MAT 3525

(n, n') p α
Cross Section

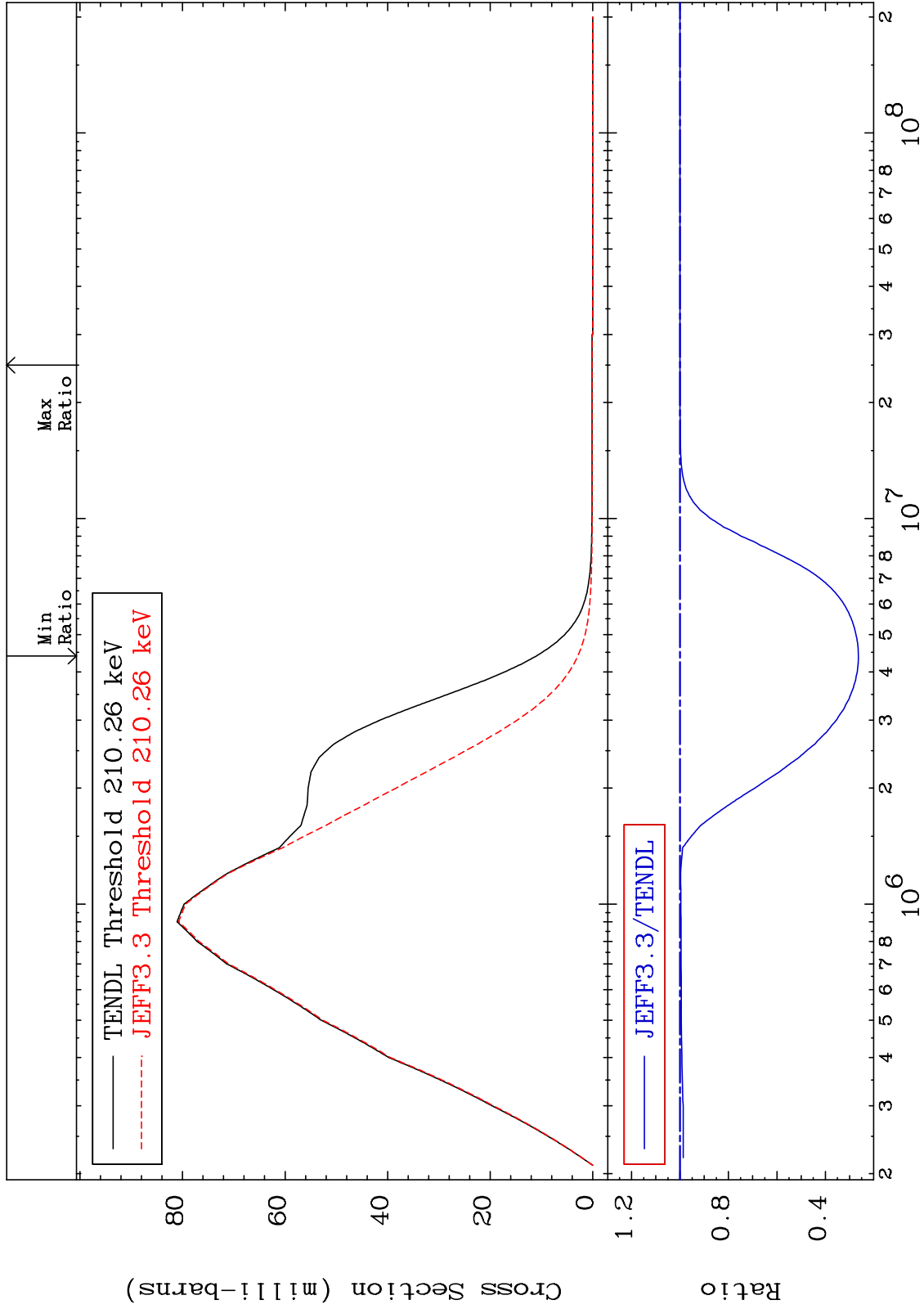
35-Br-79
-45.38 To 9671. %

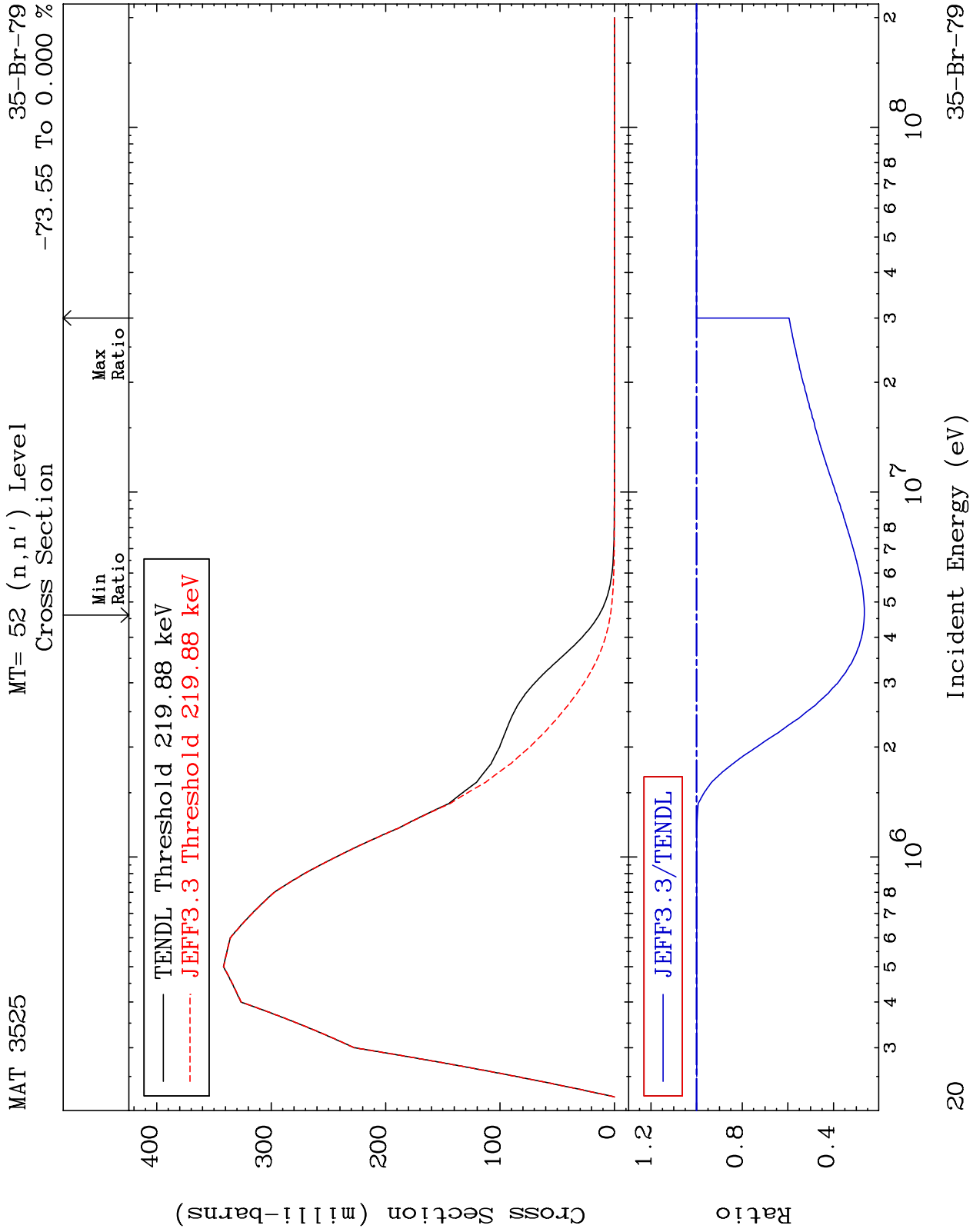


MAT 3525

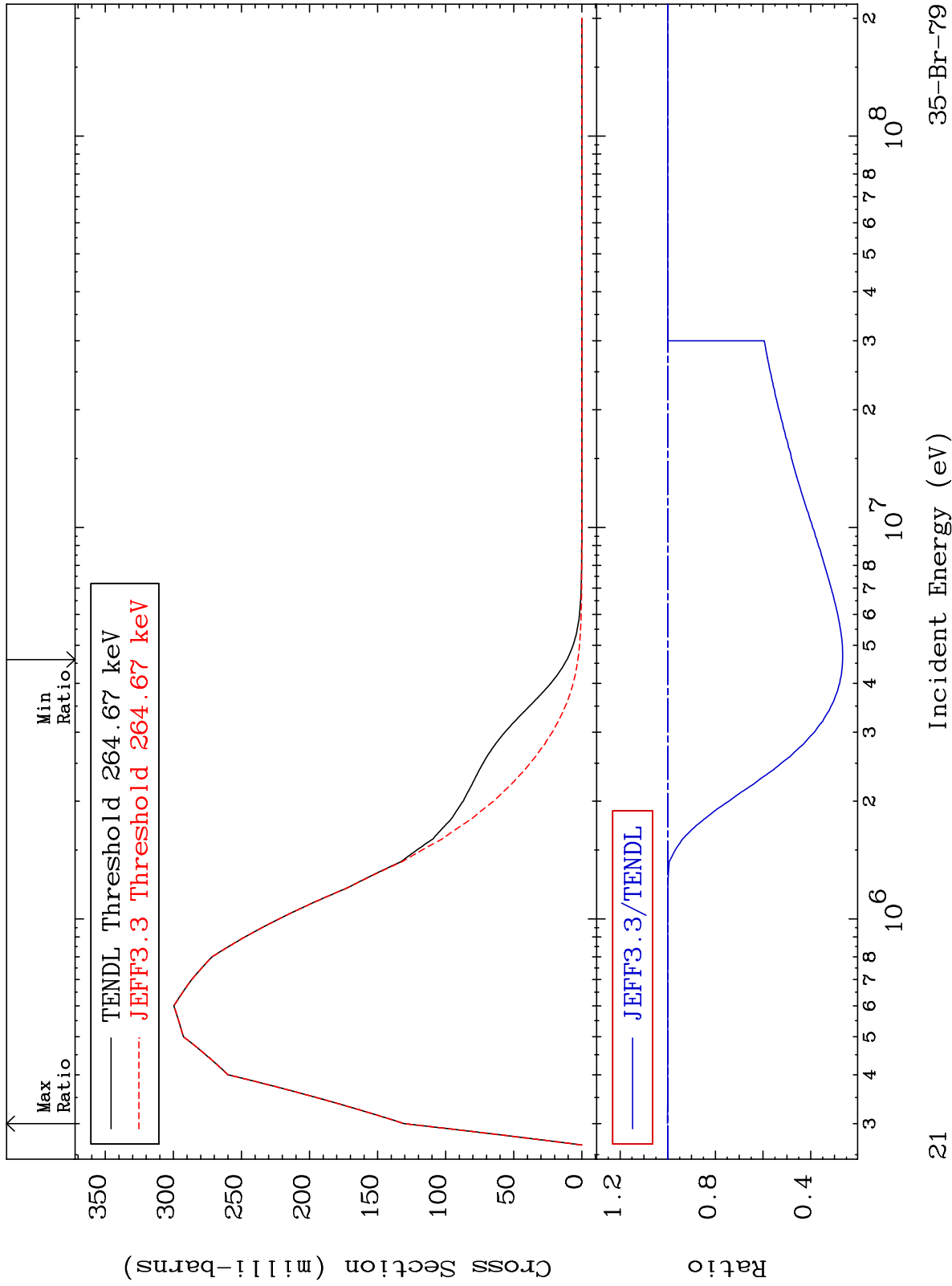
MT= 51 (n,n') Level
Cross Section

35-Br-79
-73.65 To 0.000 %

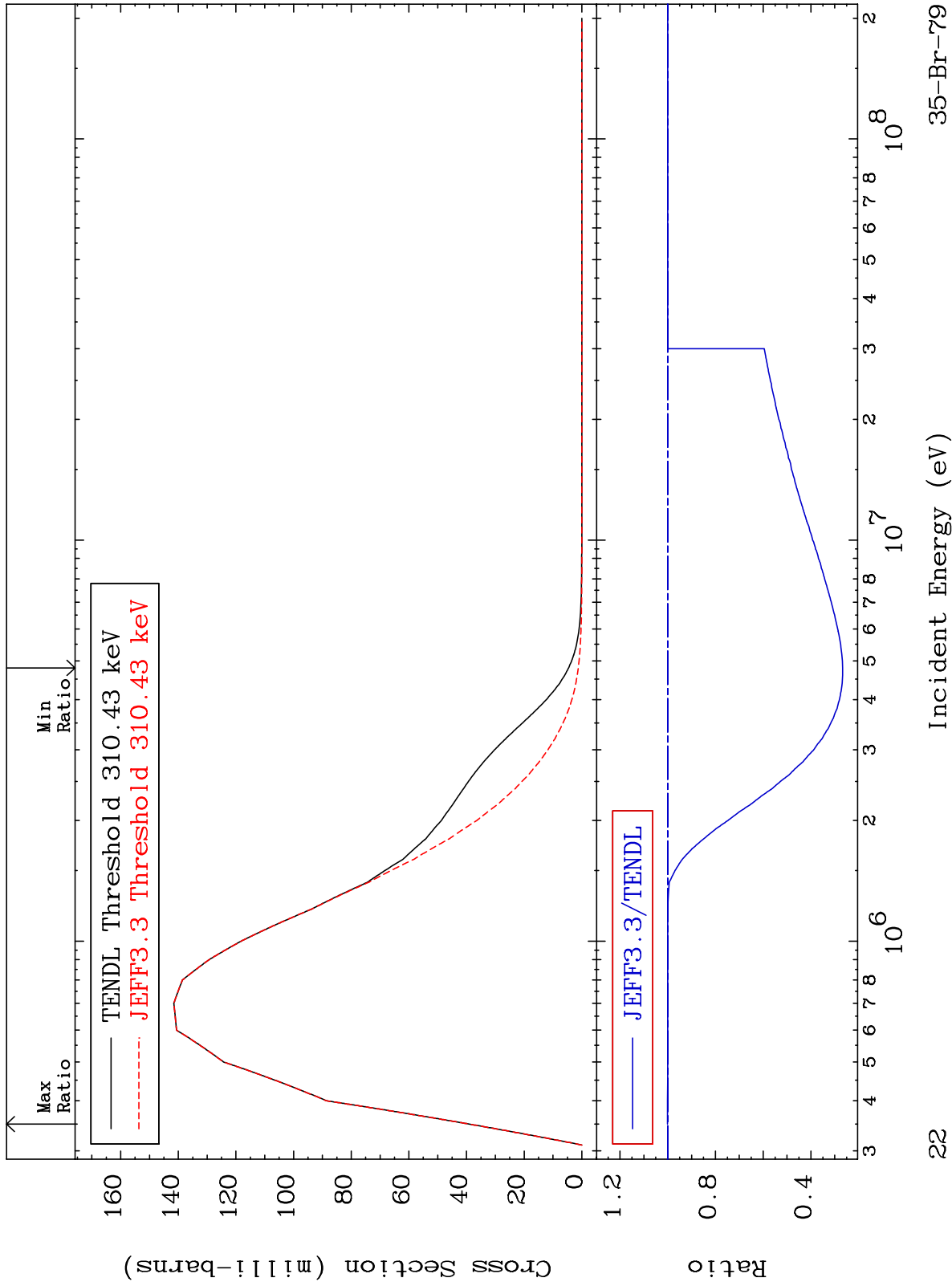


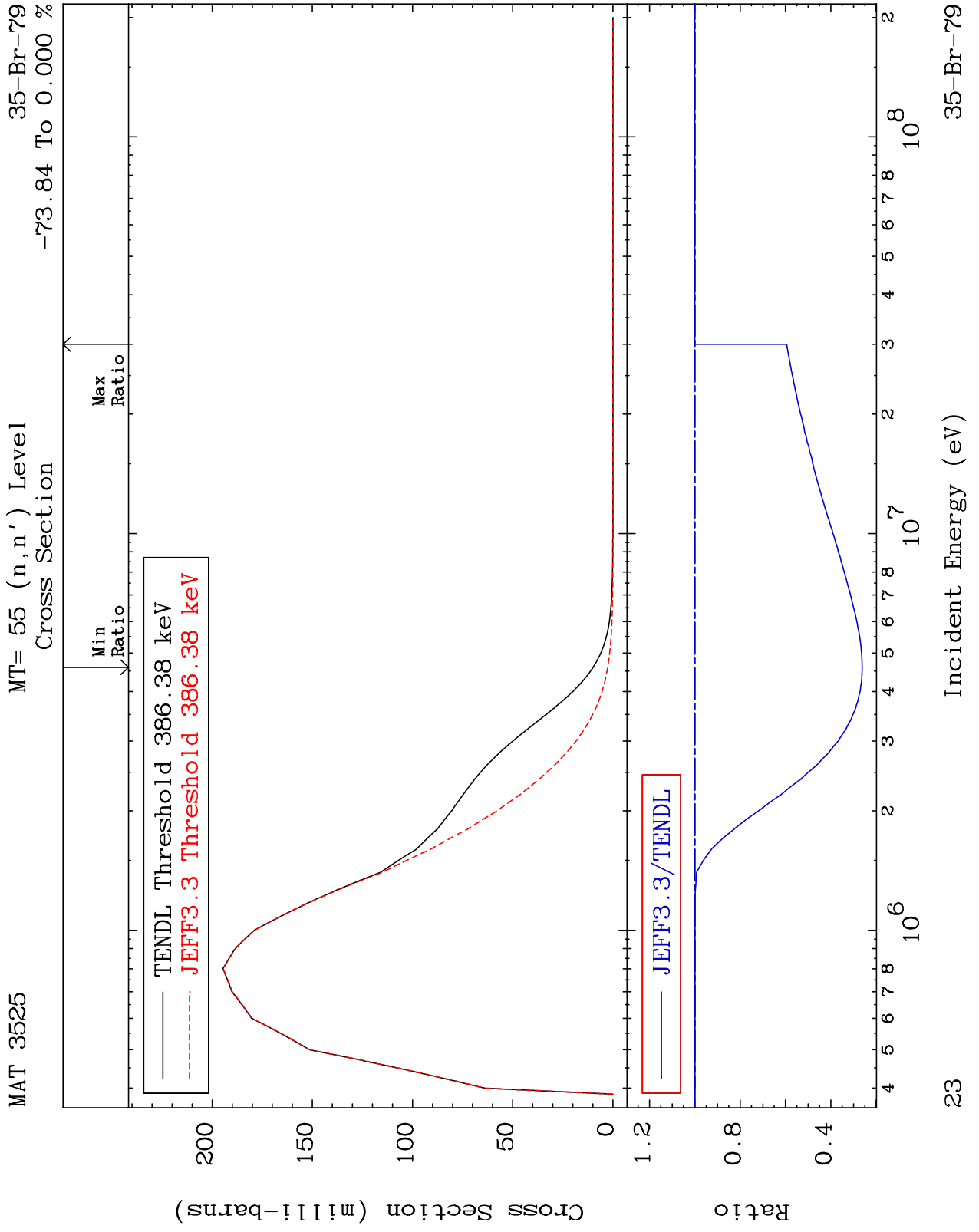


MAT 3525 MT= 53 (n,n') Level Cross Section -73.41 To 0.079 % 35-Br-79

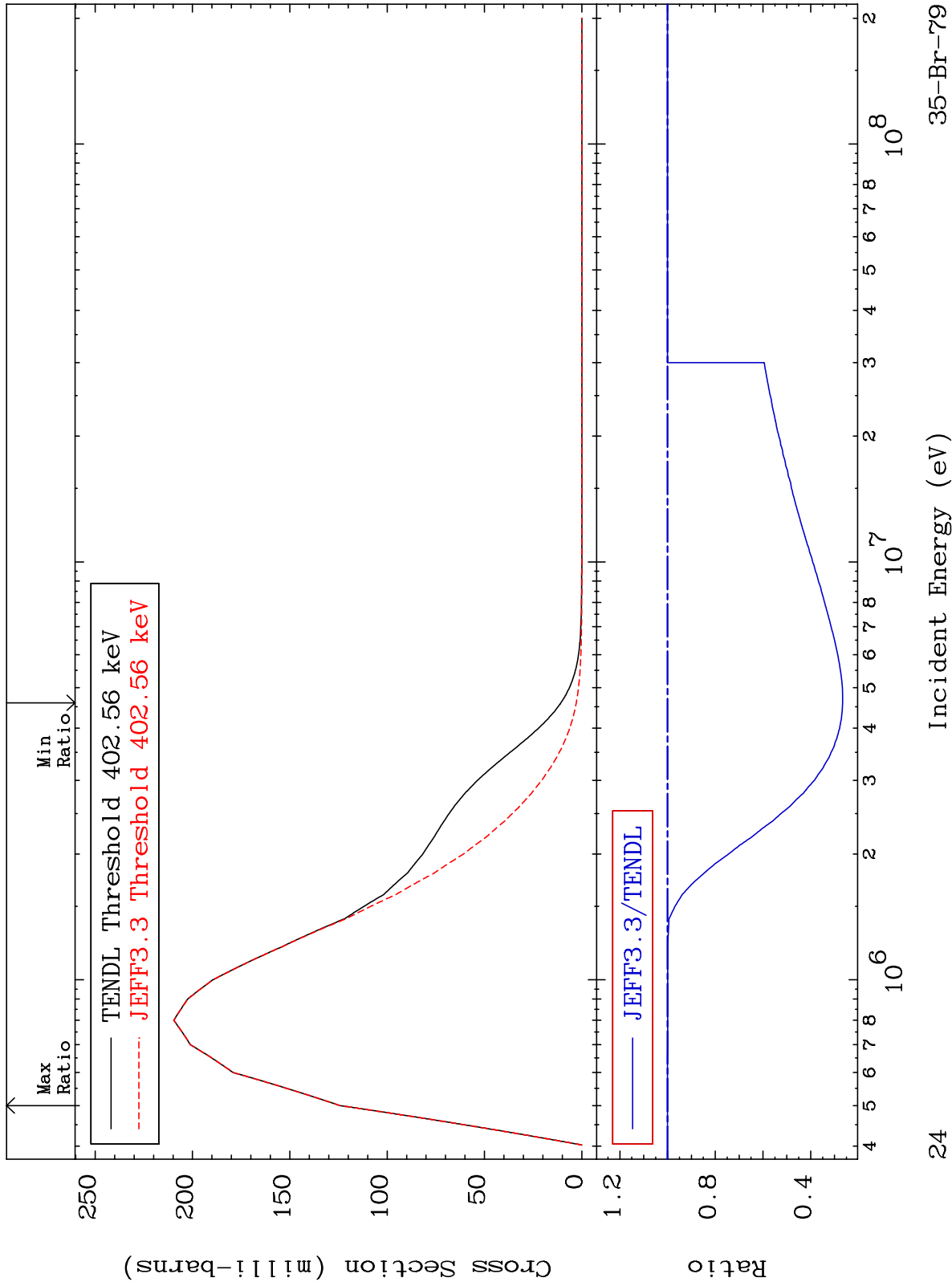


MAT 3525 MT= 54 (n,n') Level Cross Section 35-Br-79
 -73.31 To 0.074 %

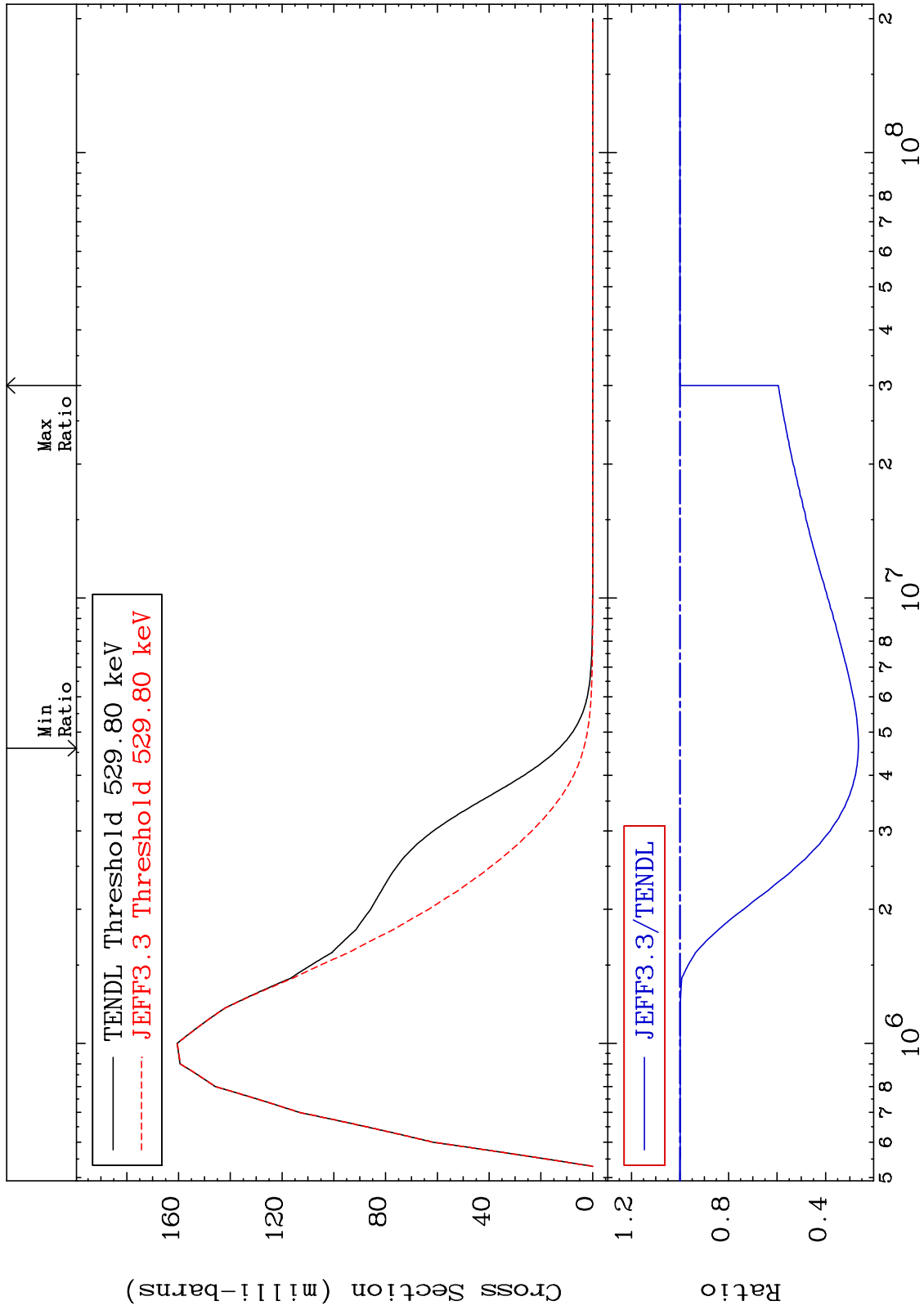




MAT 3525 MT= 56 (n,n') Level Cross Section -73.41 To 0.002 % 35-Br-79



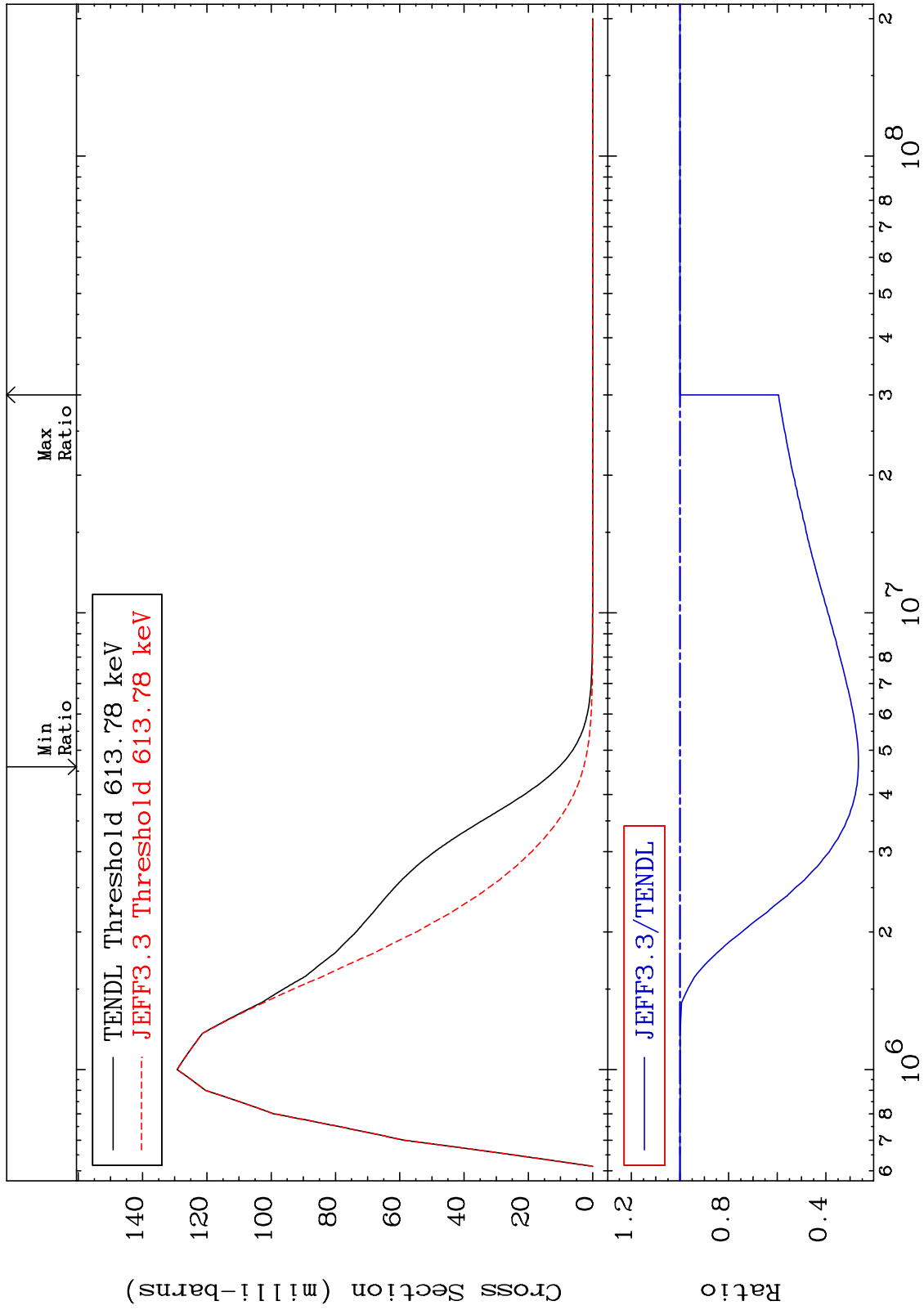
MAT 3525 MT= 57 (n,n') Level Cross Section -73.54 To 0.000 % 35-Br-79



MAT 3525

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

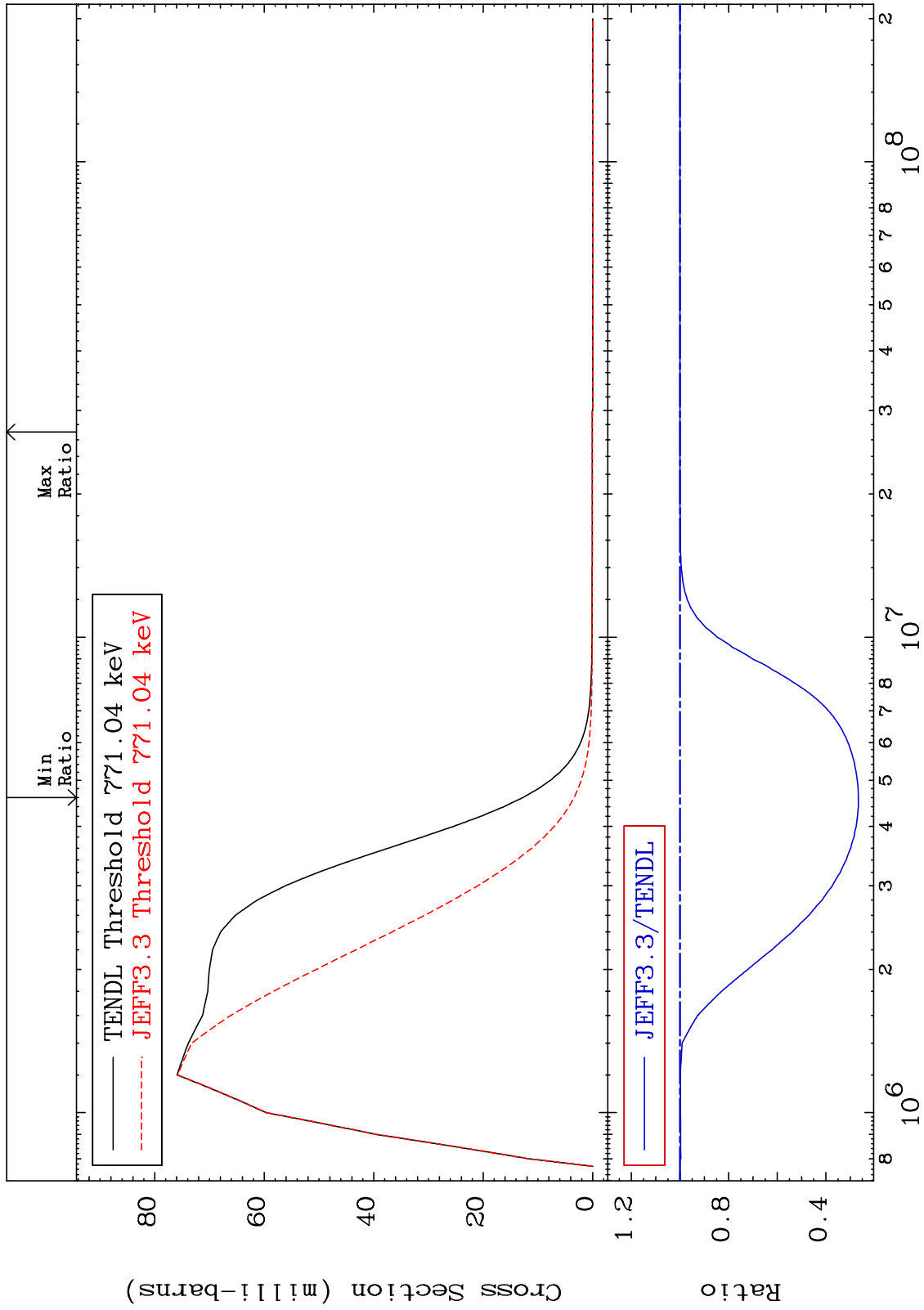
35-Br-79
-73.40 To 0.000 %



MAT 3525

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

35-Br-79
-73.36 To 0.000 %



27

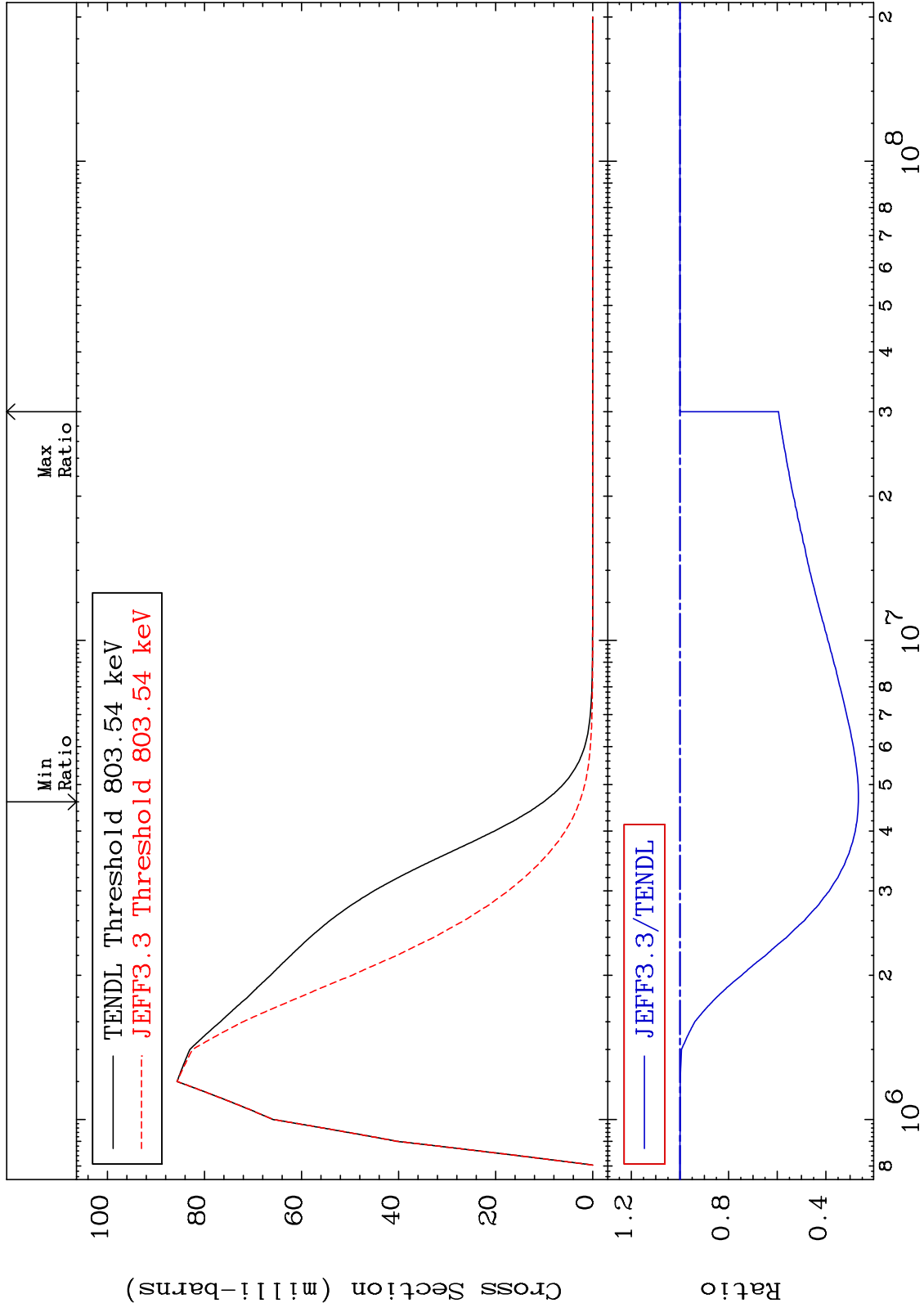
Incident Energy (eV)

35-Br-79

MAT 3525

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

35-Br-79
-73.40 To 0.000 %



28

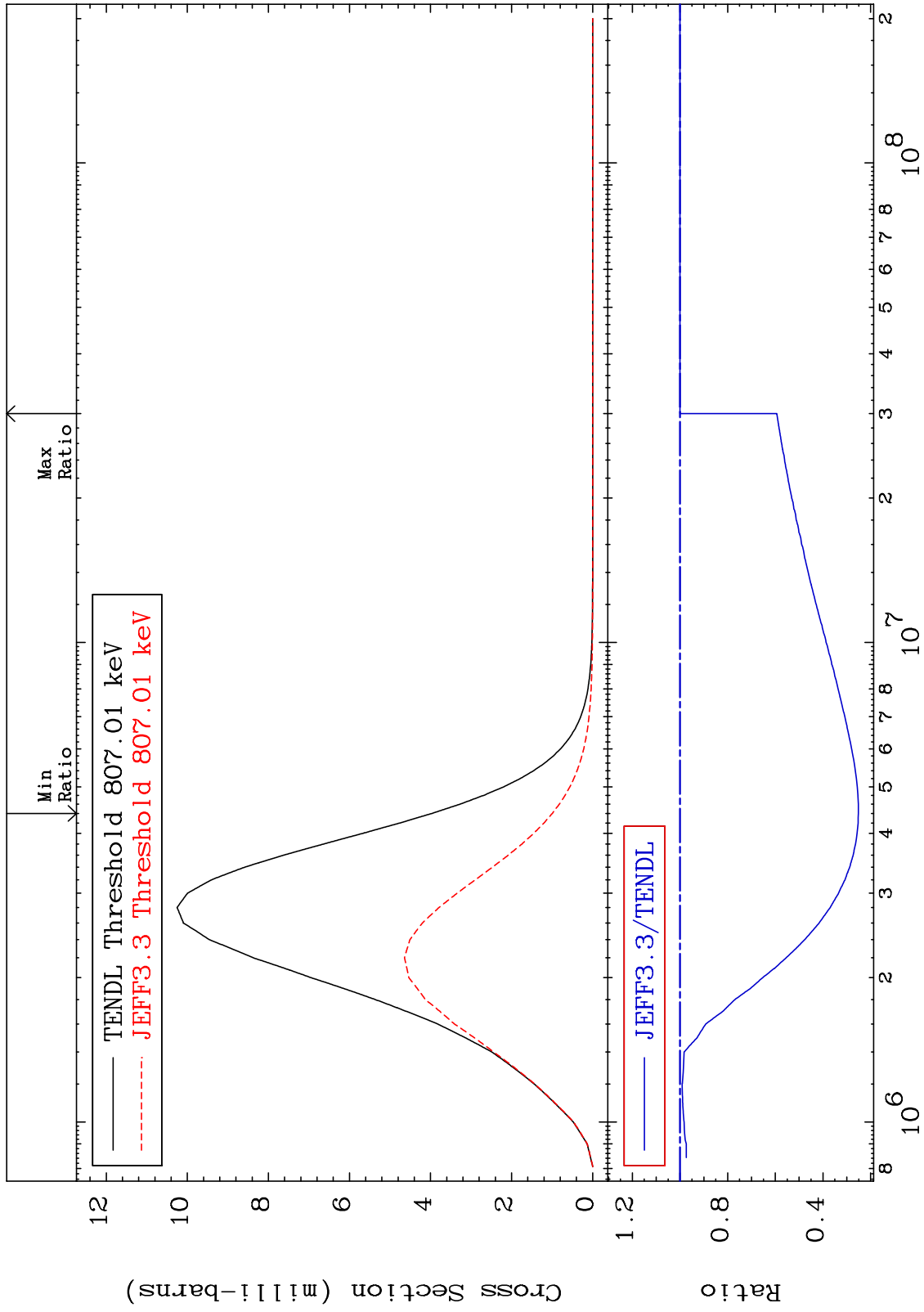
Incident Energy (eV)

35-Br-79

MAT 3525

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

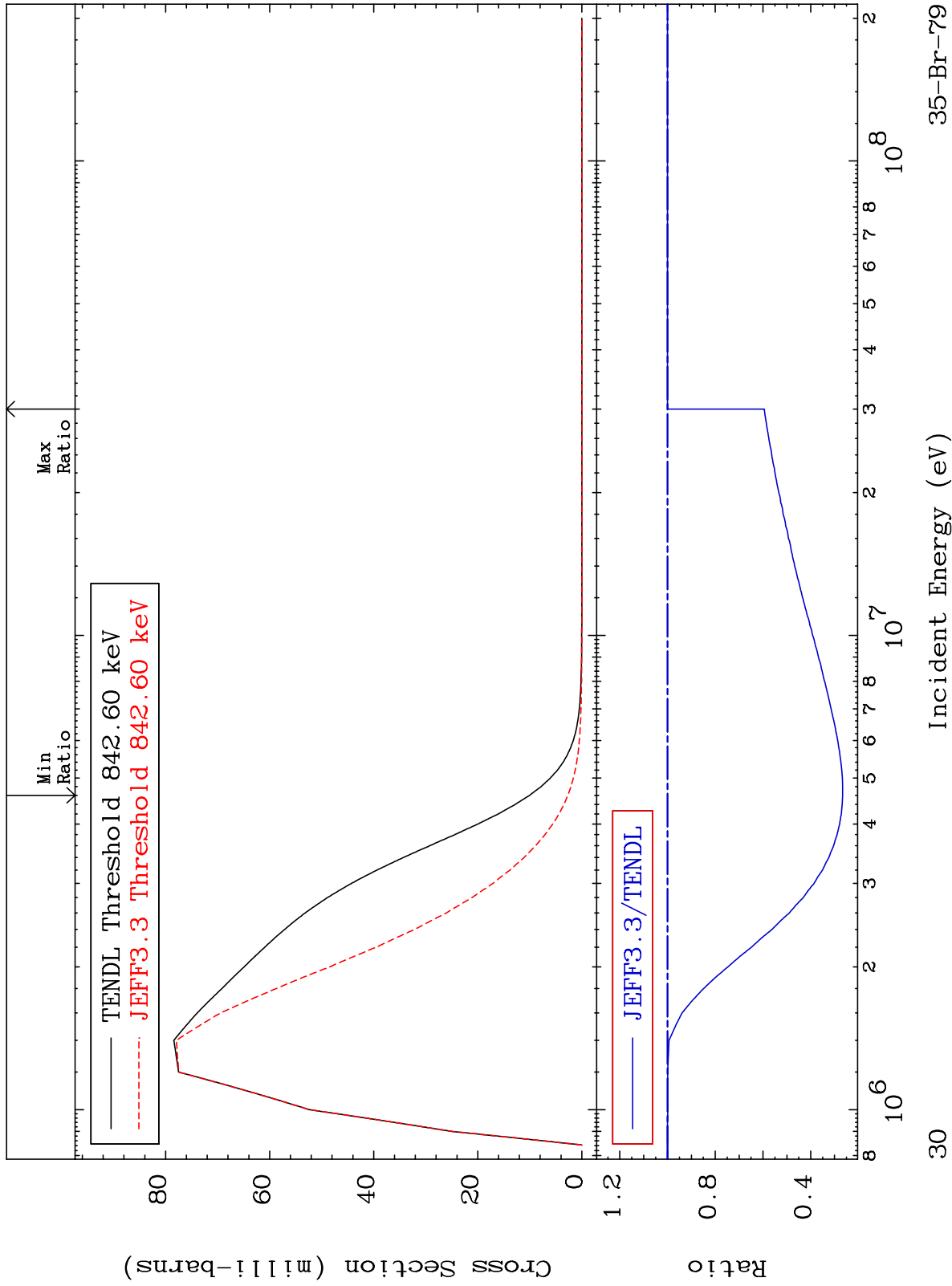
35-Br-79
-74.88 To 0.000 %



MAT 3525

MT= 62 (n,n') Level
Cross Section

35-Br-79
-73.40 To 0.000 %



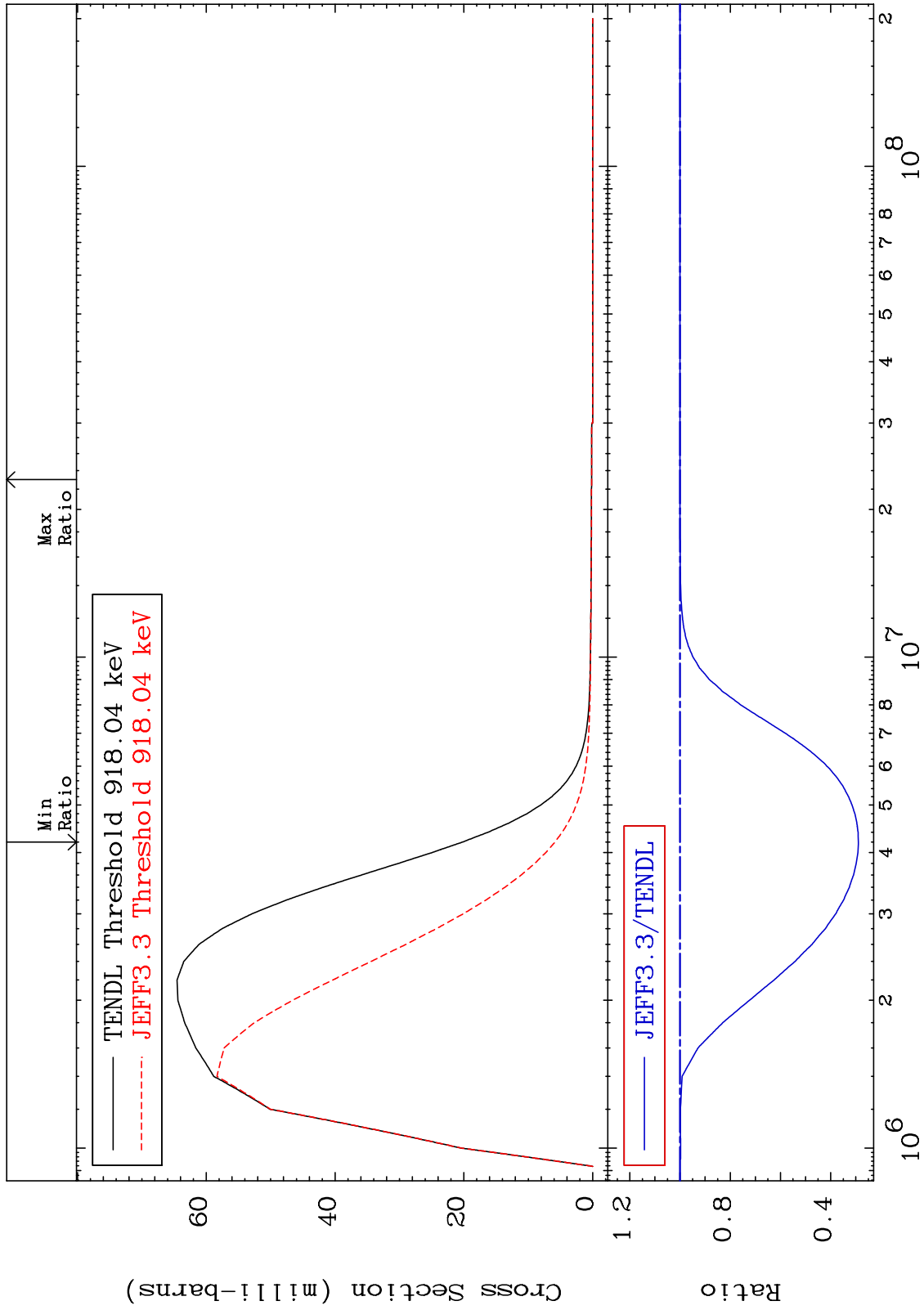
35-Br-79

30

MAT 3525

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

35-Br-79
-71.05 To 0.000 %



31

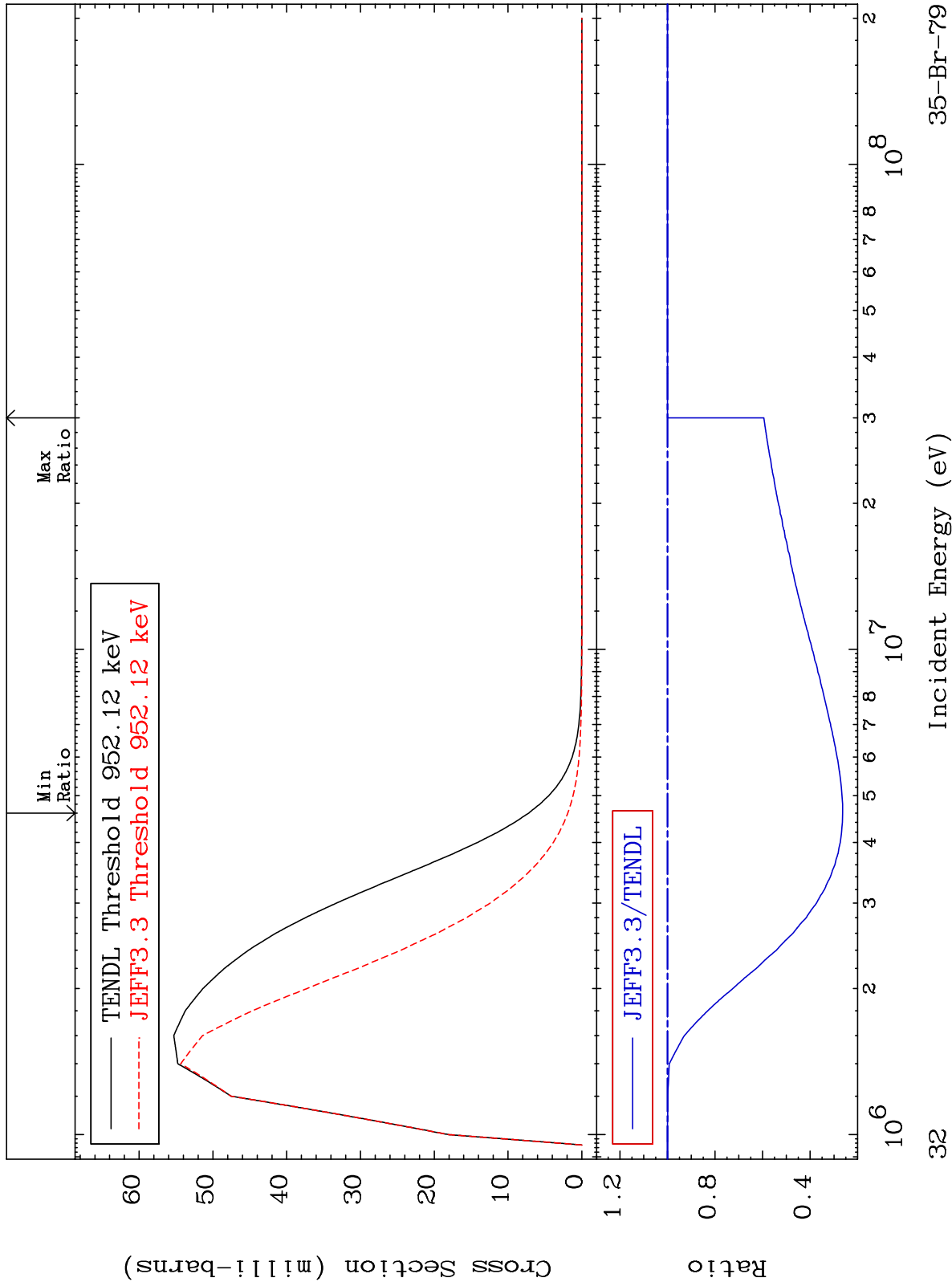
Incident Energy (eV)

35-Br-79

MAT 3525

MT= 64 (n,n') Level
Cross Section

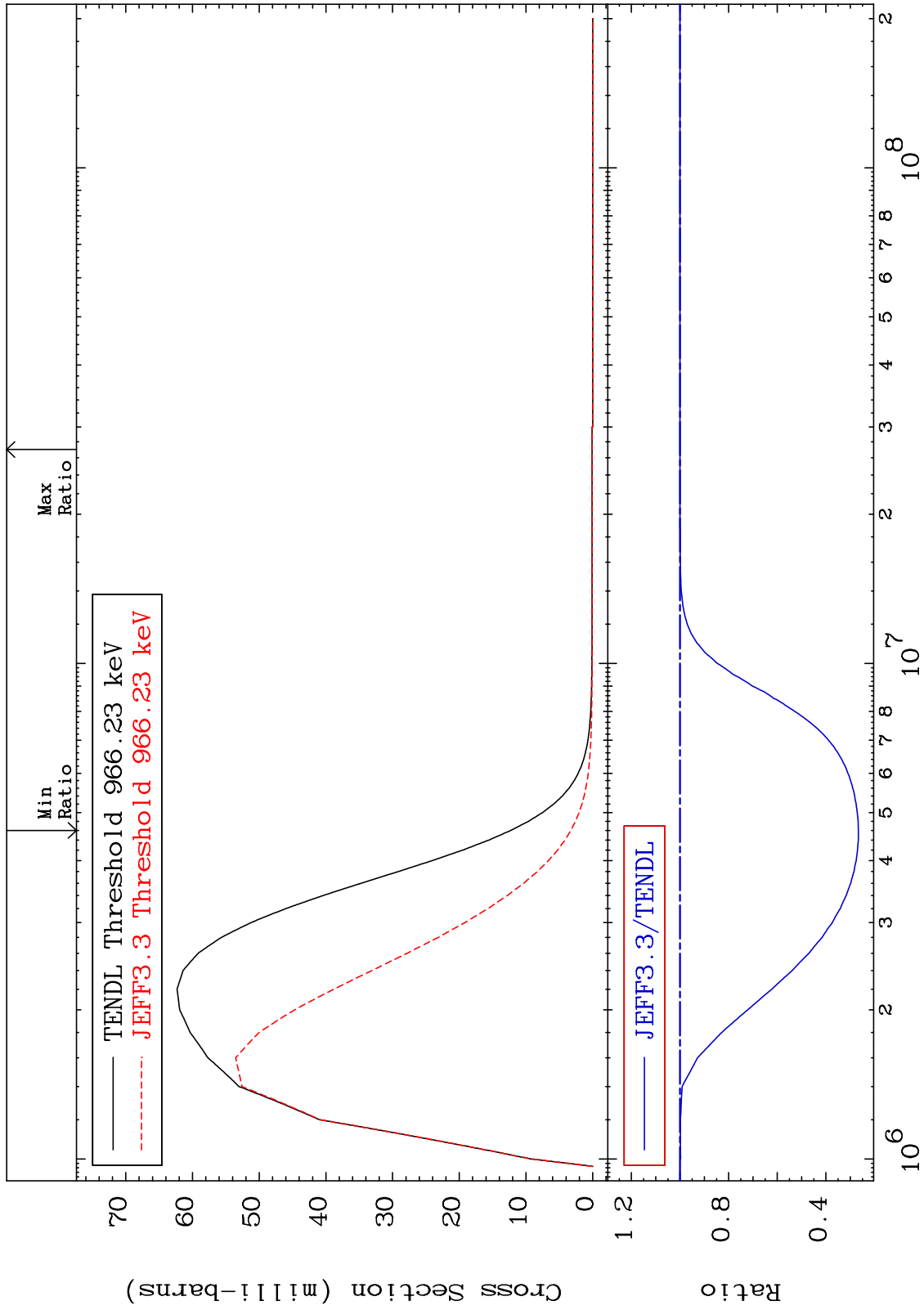
35-Br-79
-73.67 To 0.000 %



MAT 3525

MT= 65 (n,n') Level
Cross Section

35-Br-79
-73.36 To 0.000 %



Incident Energy (eV)

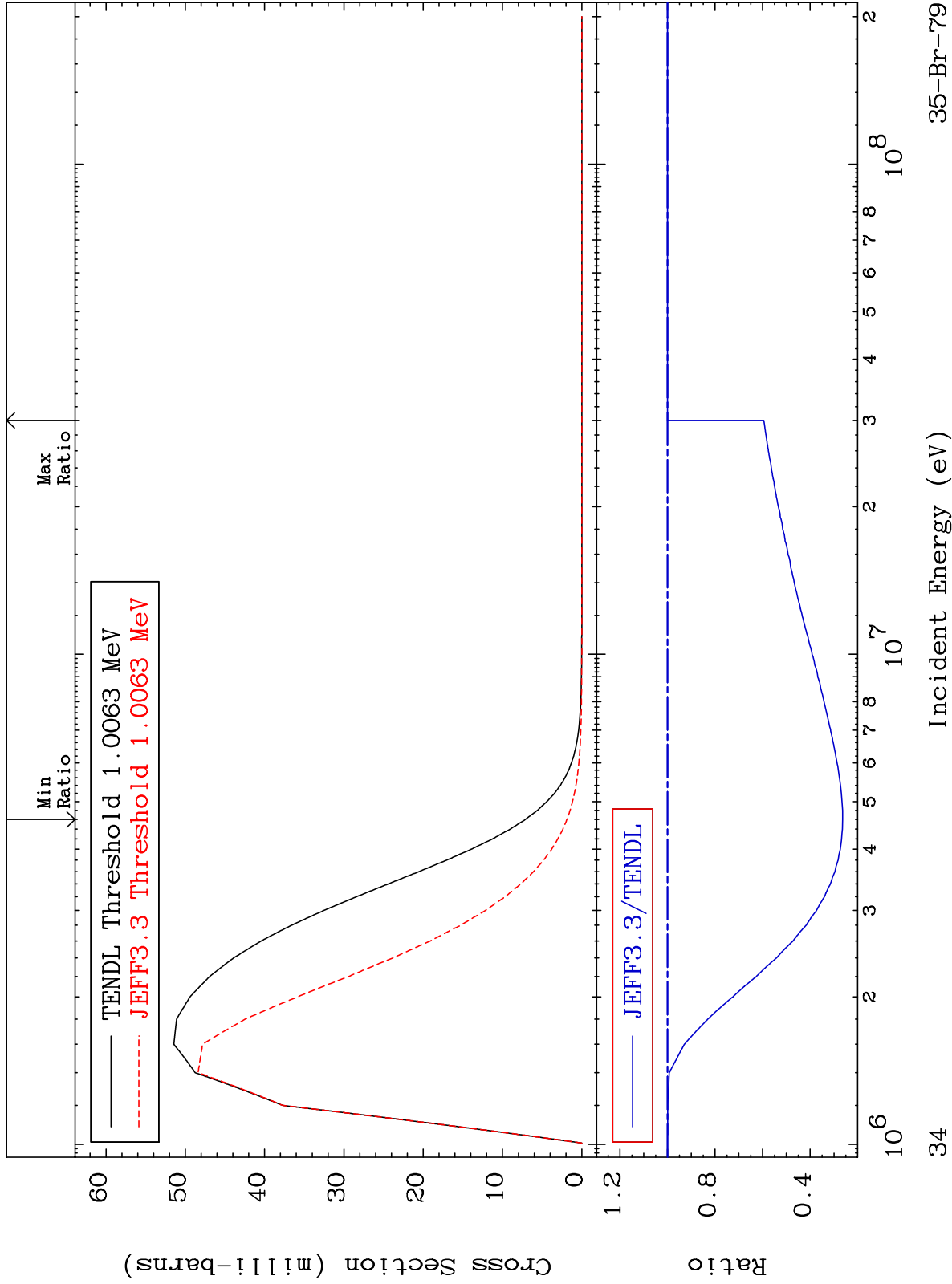
35-Br-79

33

MAT 3525

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

35-Br-79
-73.66 To 0.000 %

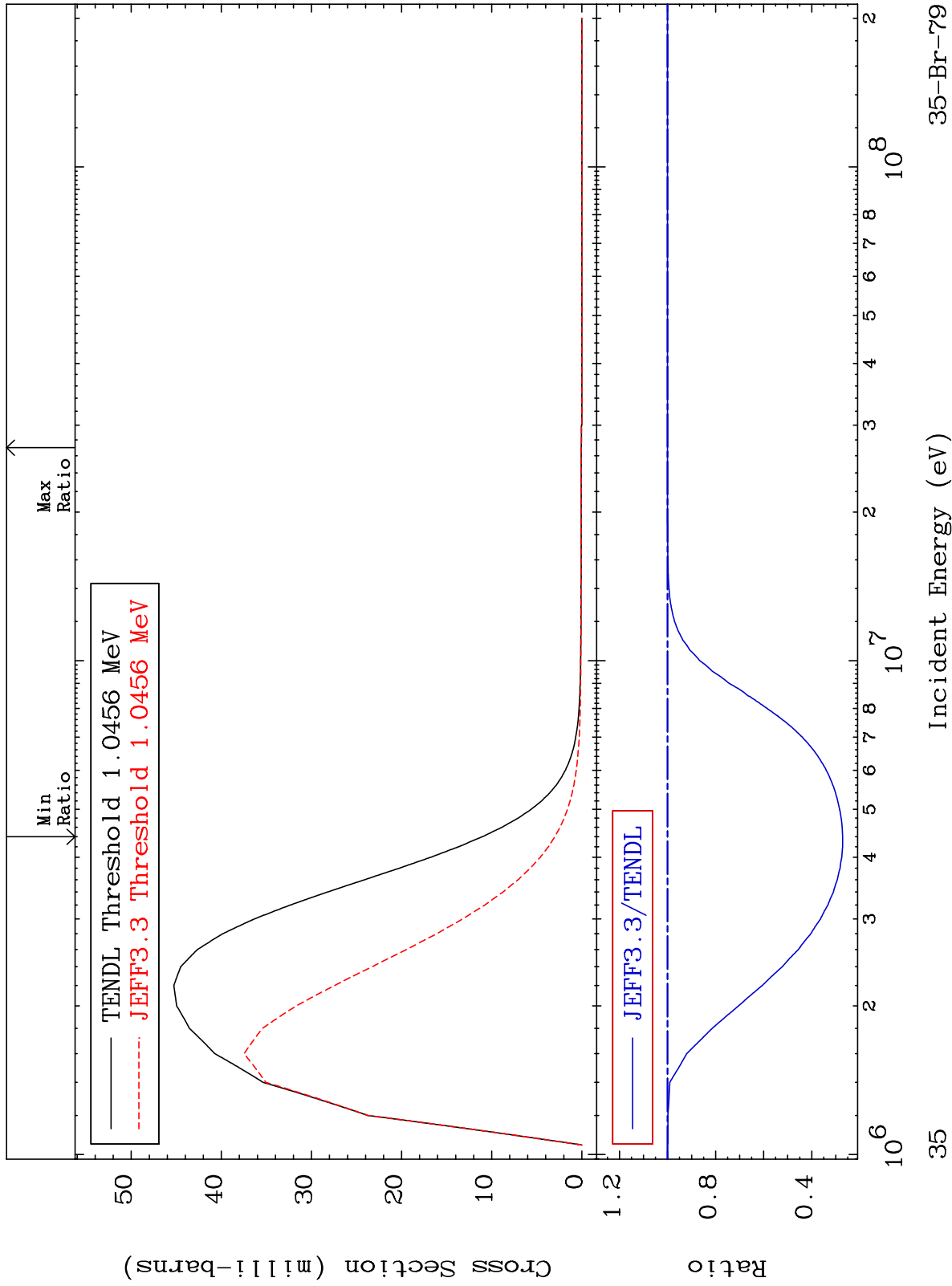


35-Br-79

MAT 3525

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

35-Br-79
-72.89 To 0.000 %

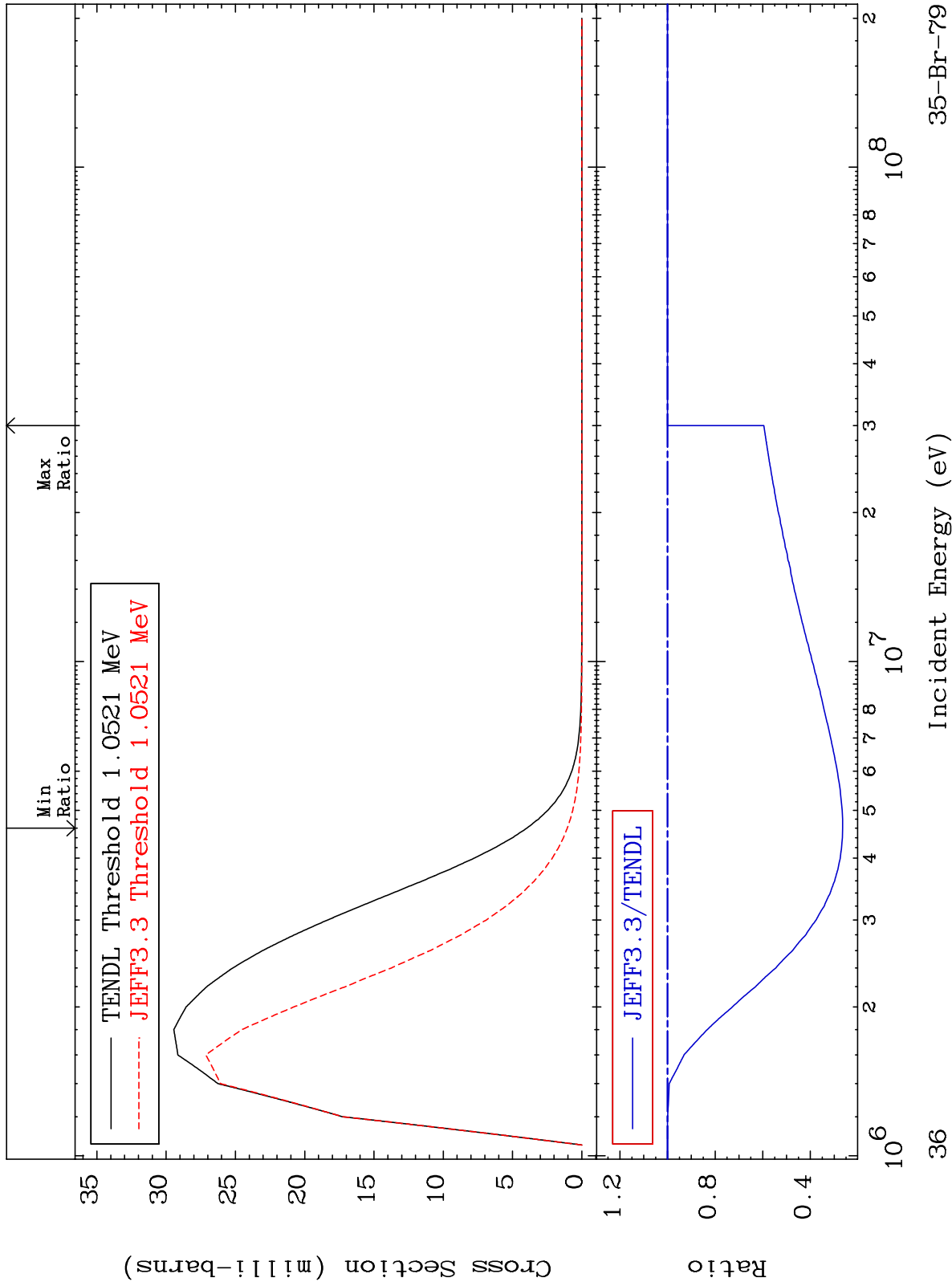


35-Br-79

Incident Energy (eV)

35

MAT 3525 MT= 68 (n,n') Level Cross Section 35-Br-79 -73.57 To 0.000 %

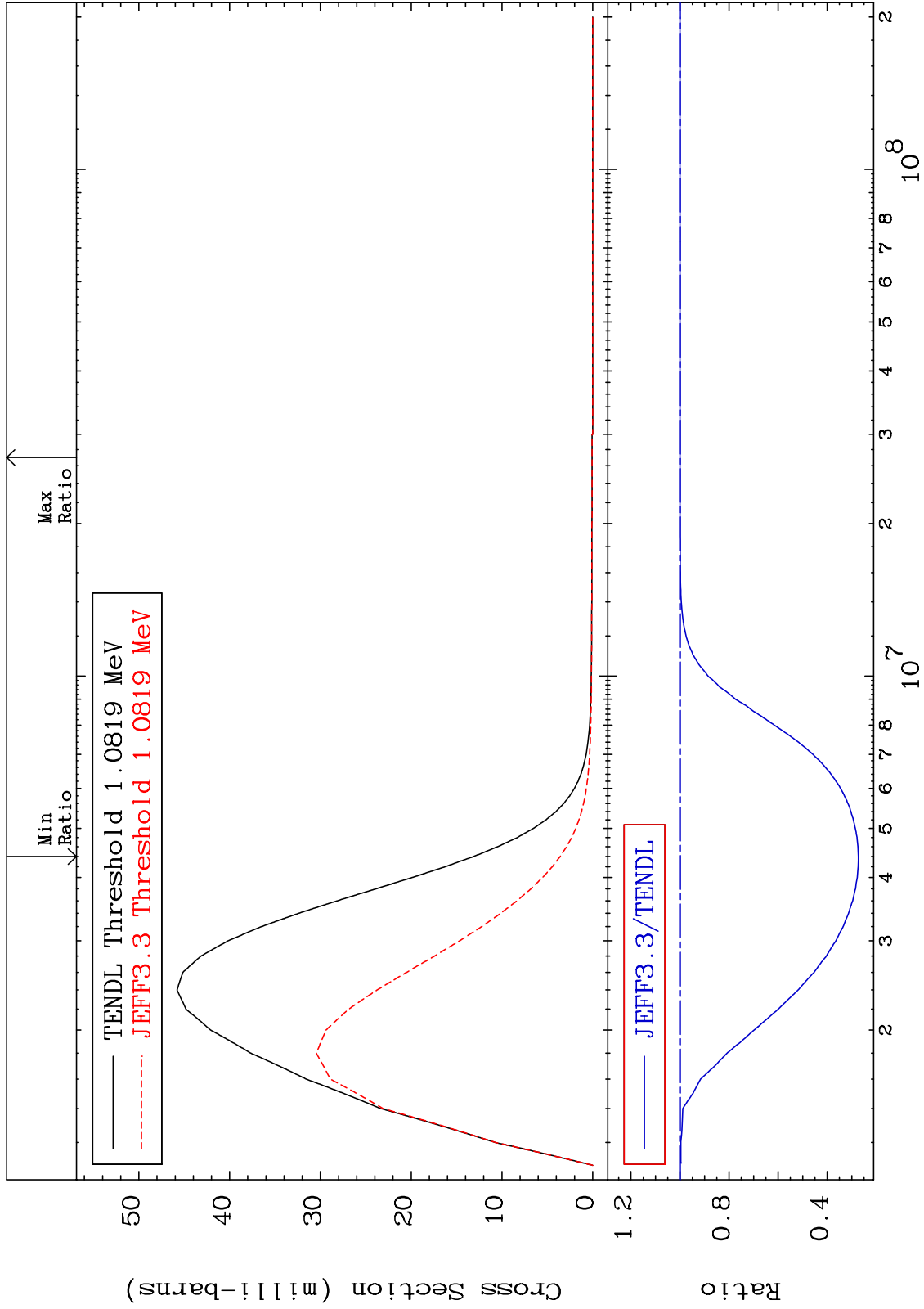


36 Incident Energy (eV) 35-Br-79

MAT 3525

MT= 69 (n,n') Level
Cross Section

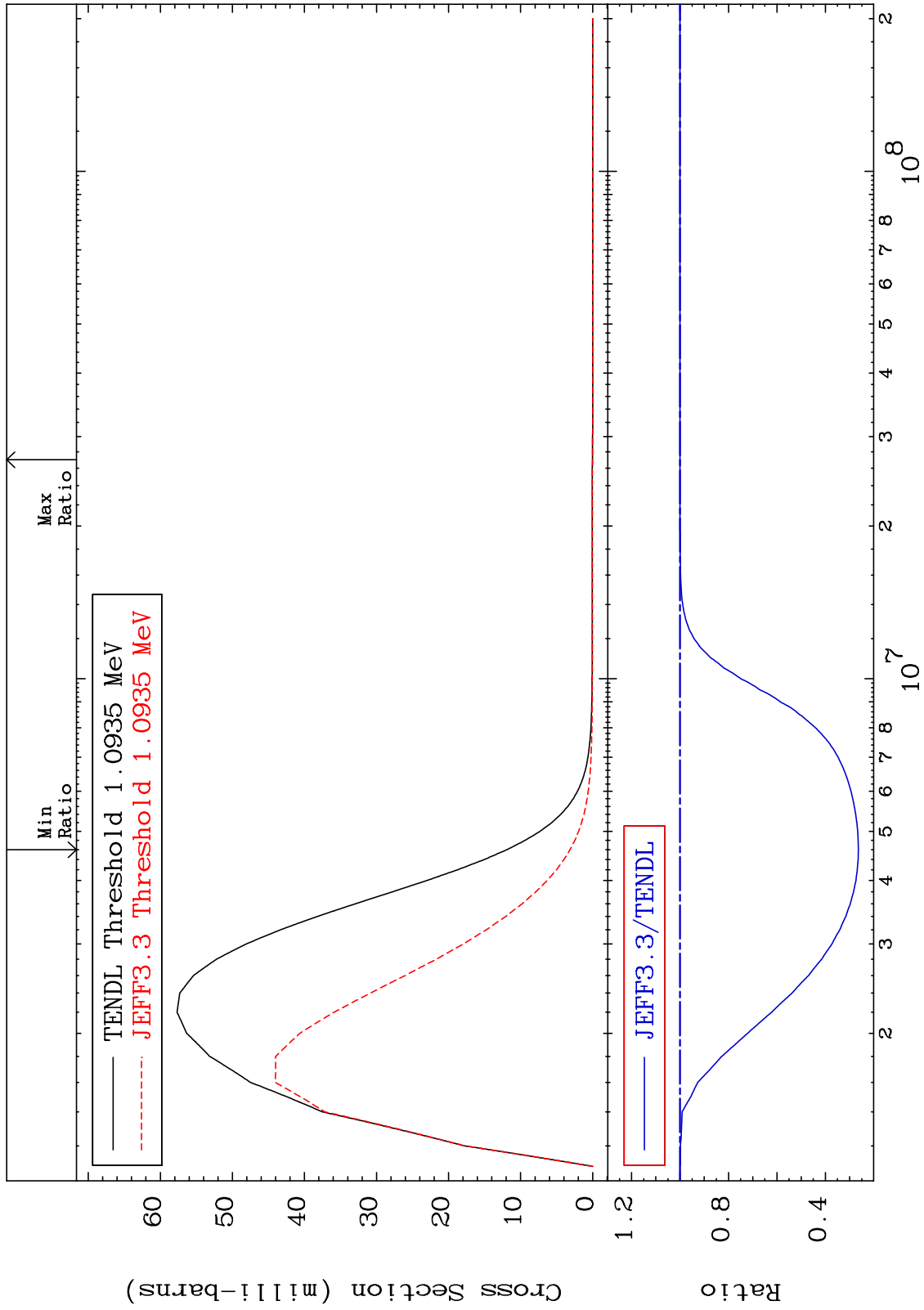
35-Br-79
-72.72 To 0.000 %



MAT 3525

MT= 70 (n,n') Level
Cross Section

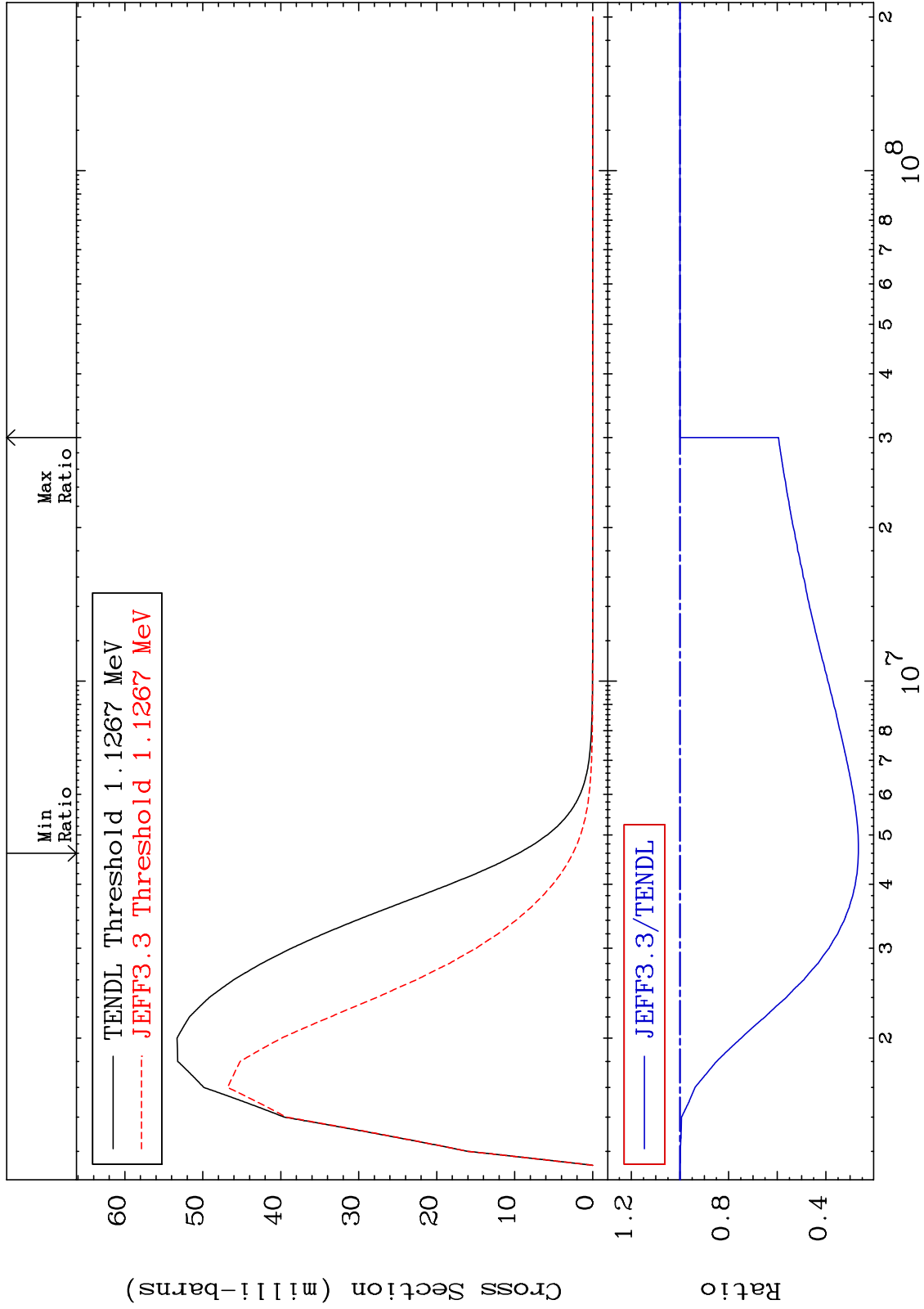
35-Br-79
-73.62 To 0.000 %

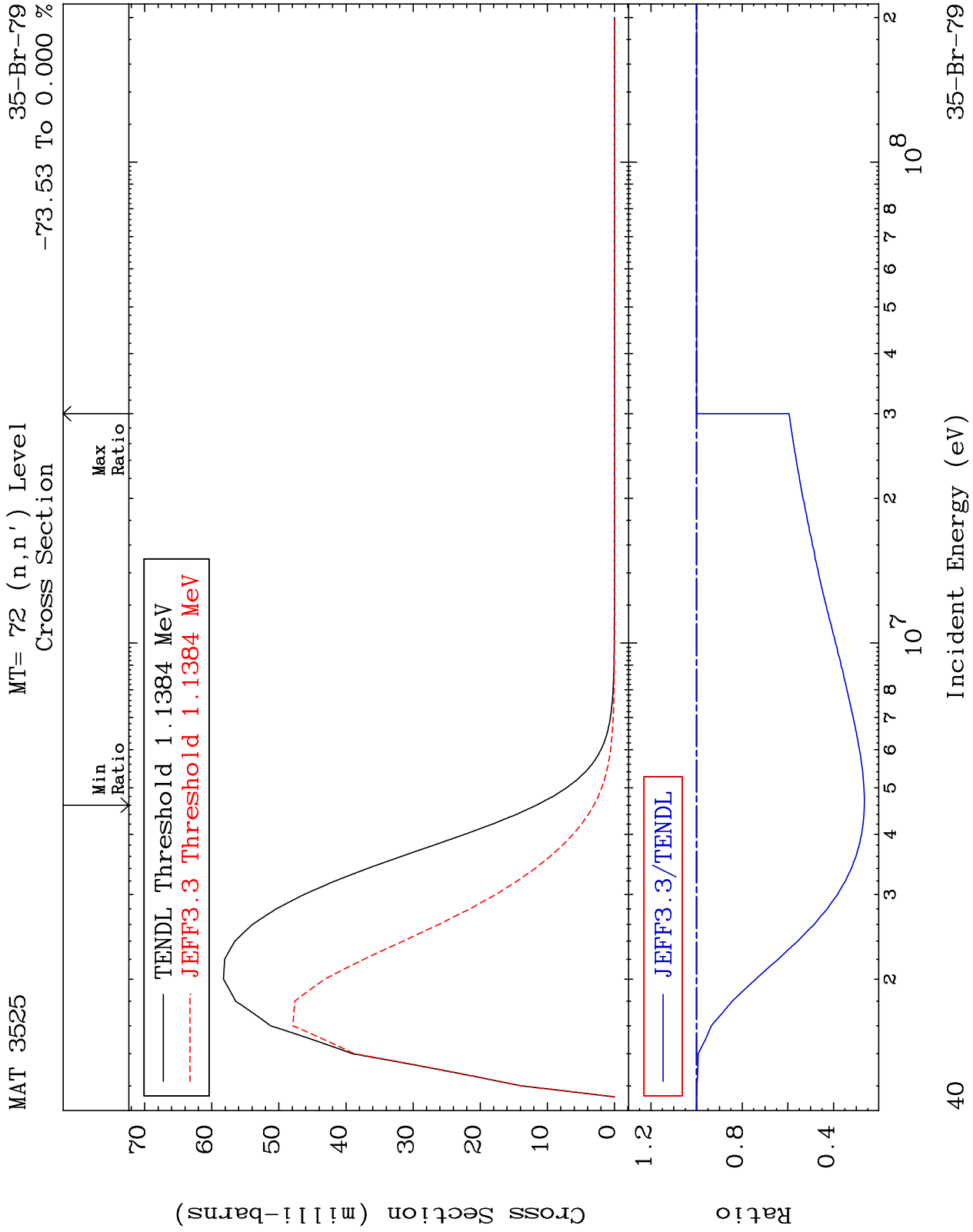


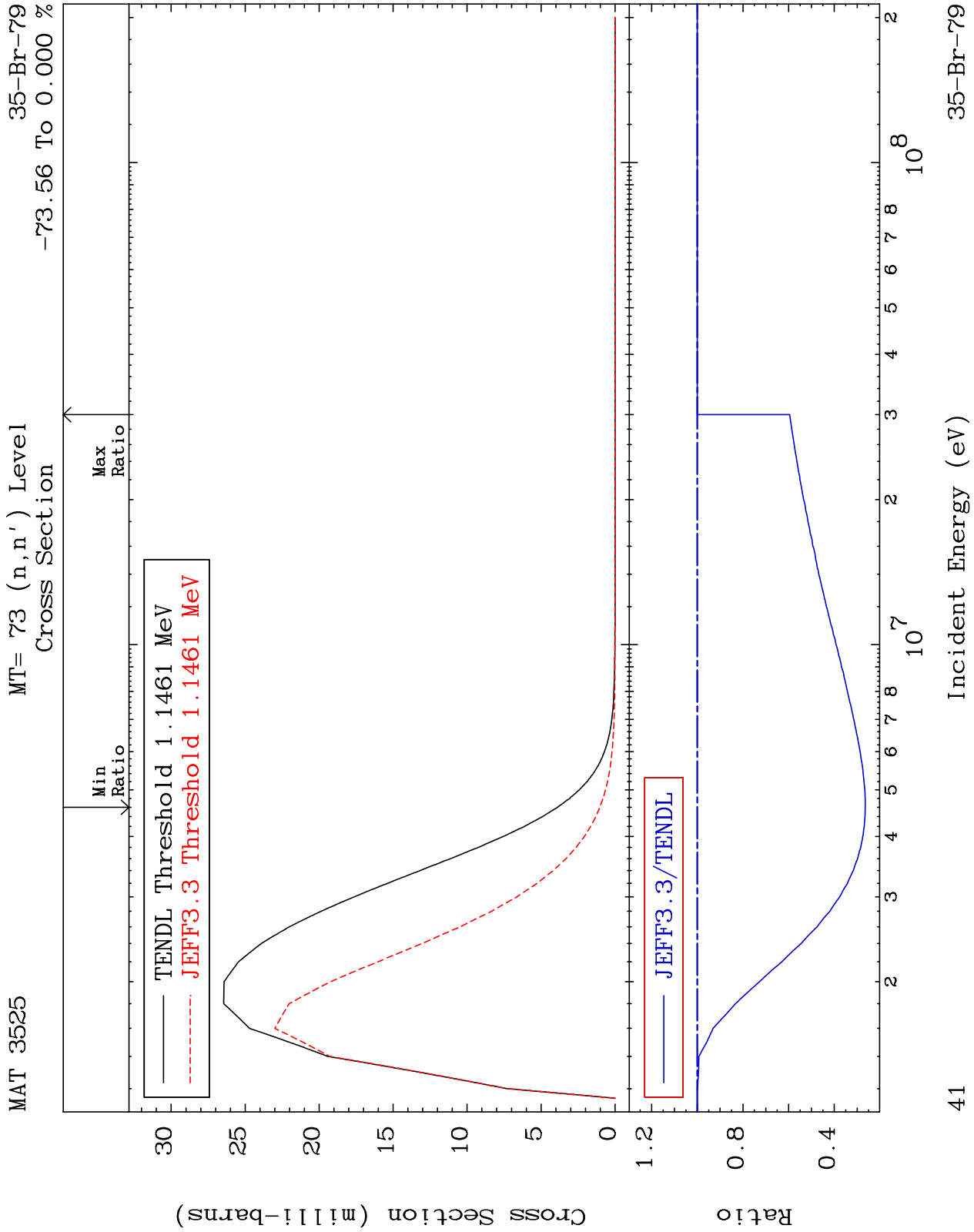
MAT 3525

MT= 71 (n,n') Level
Cross Section

35-Br-79
-73.39 To 0.000 %



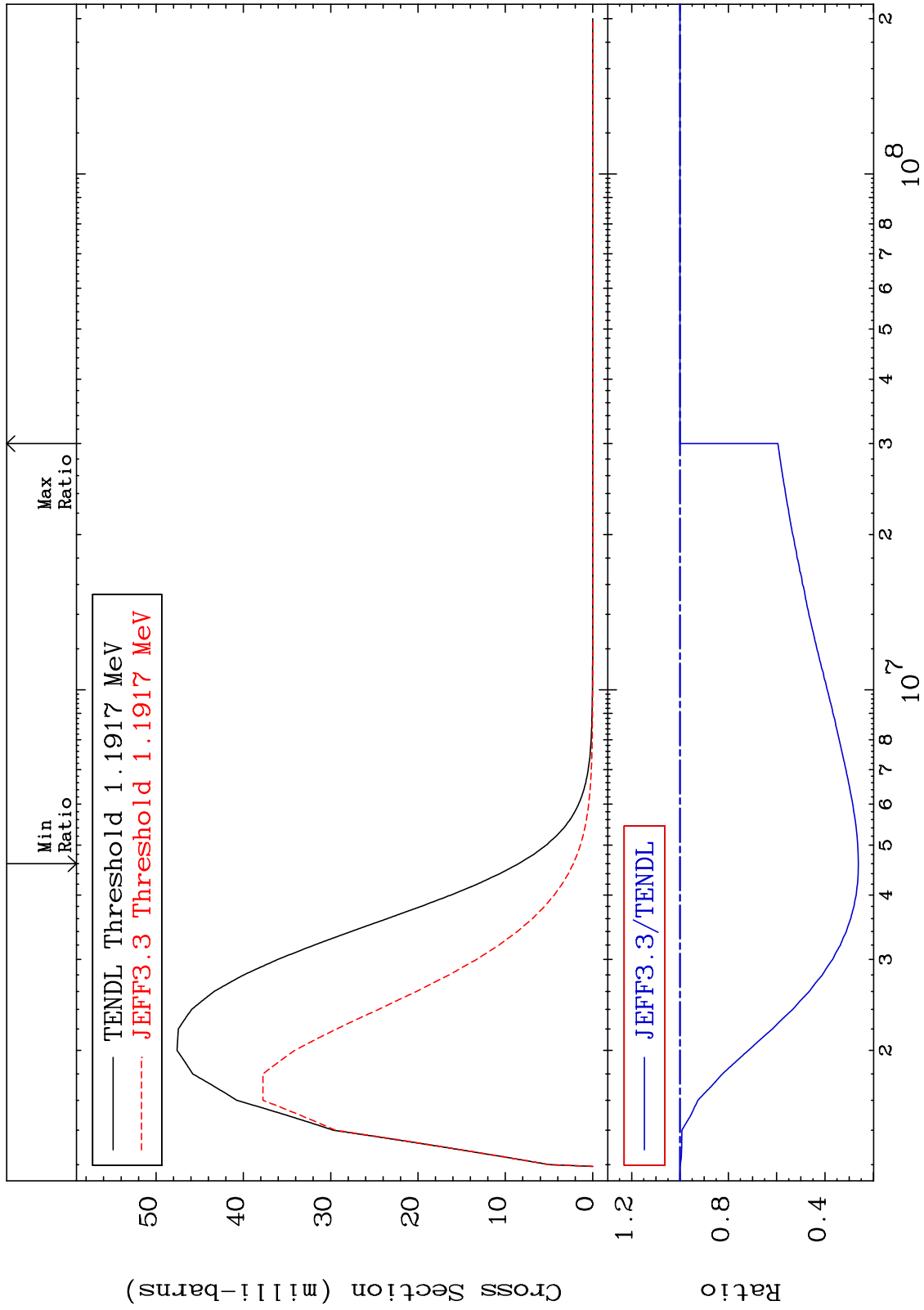




MAT 3525

MT= 74 (n,n') Level
Cross Section

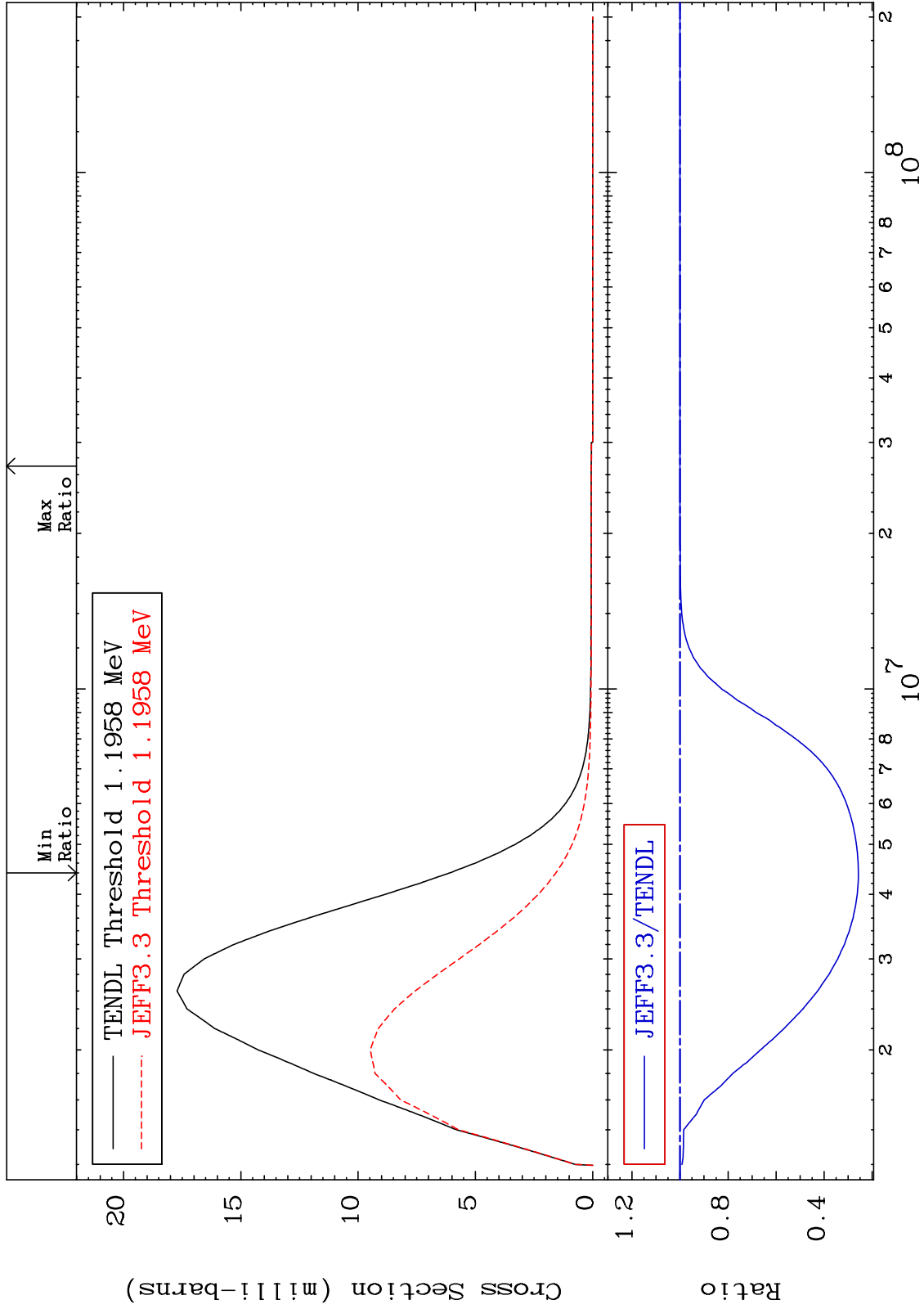
35-Br-79
-73.84 To 0.000 %

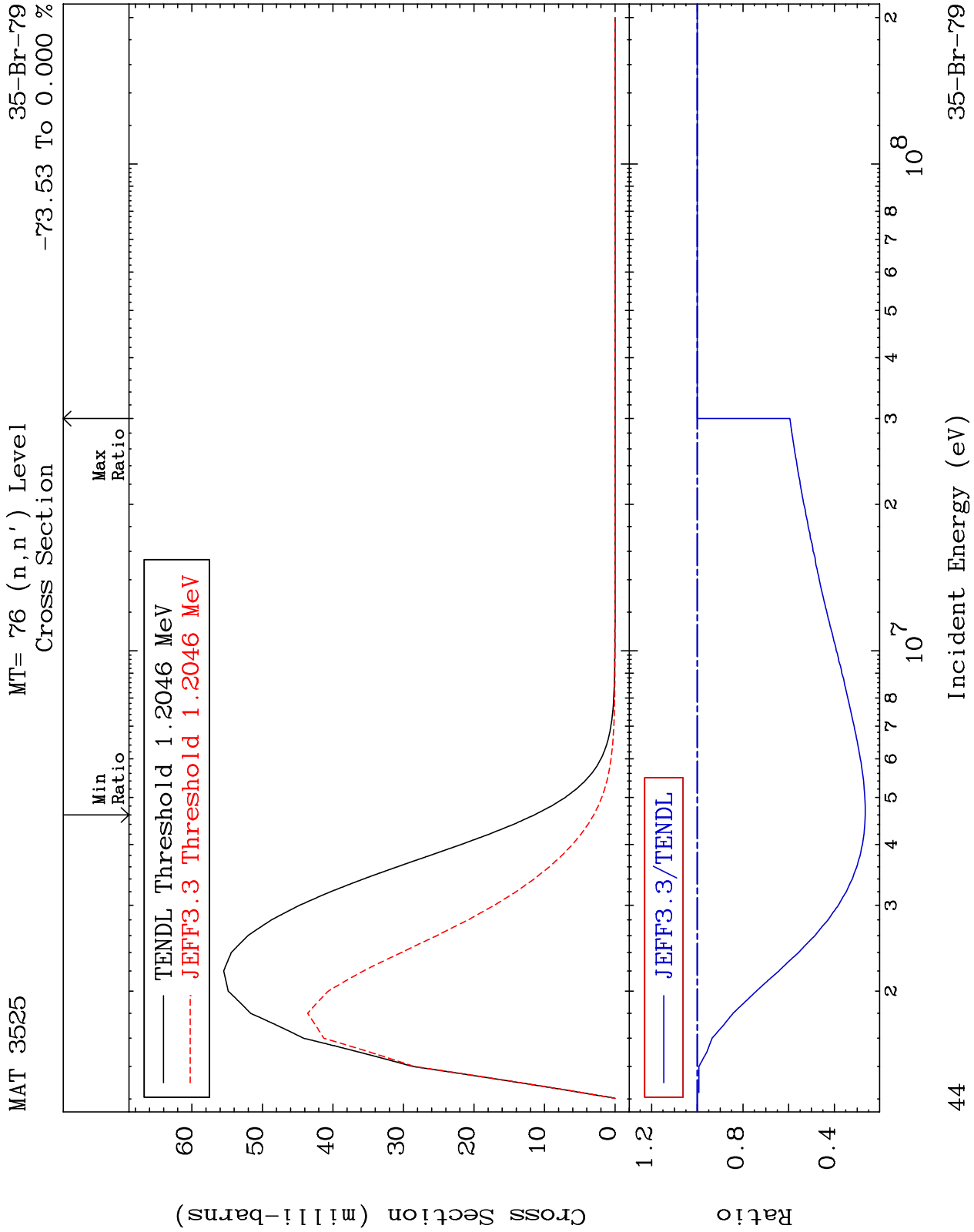


MAT 3525

MT= 75 (n,n') Level
Cross Section

35-Br-79
-74.26 To 0.000 %

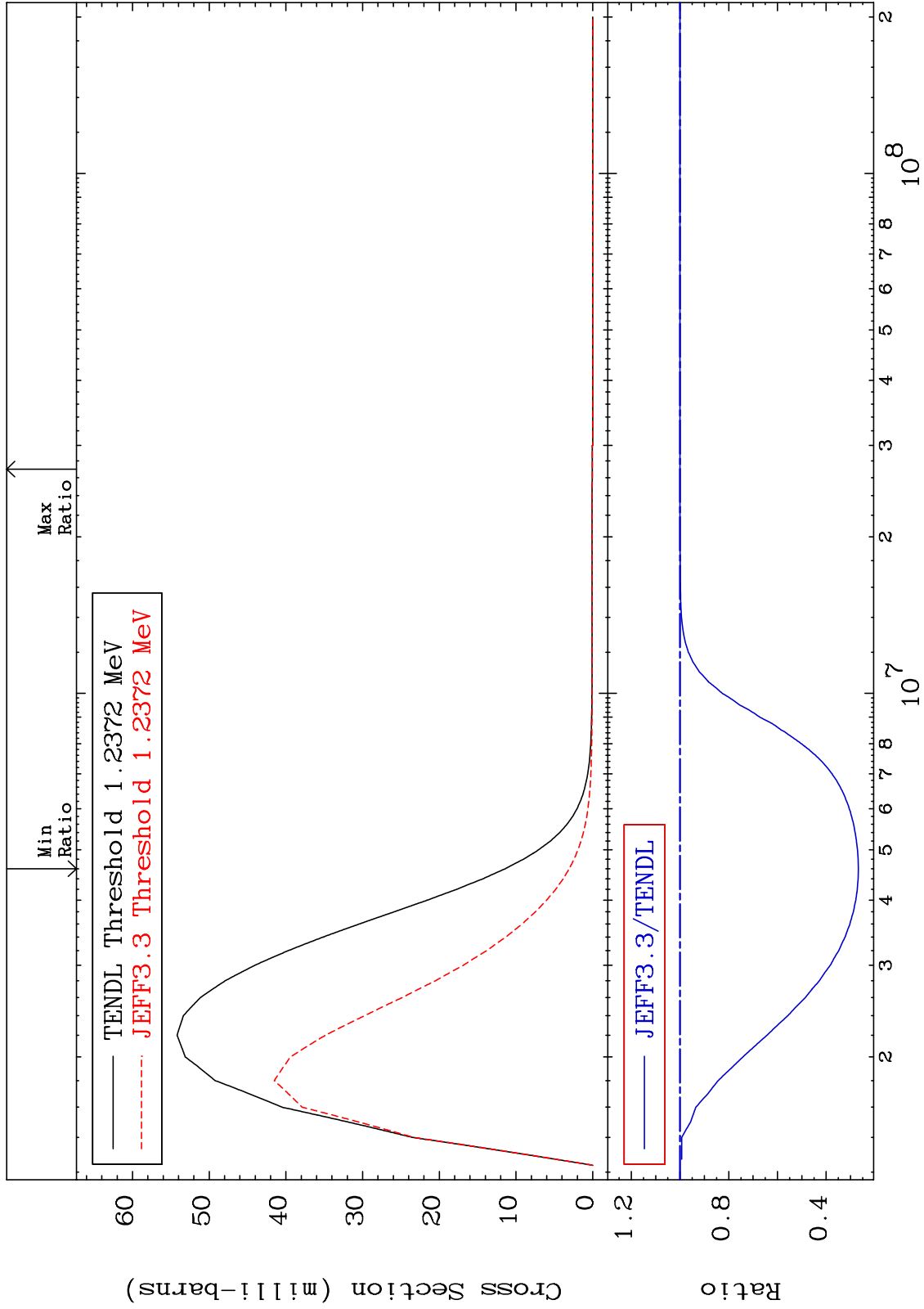




MAT 3525

MT= 77 (n,n') Level
Cross Section

35-Br-79
-73.23 To 0.000 %



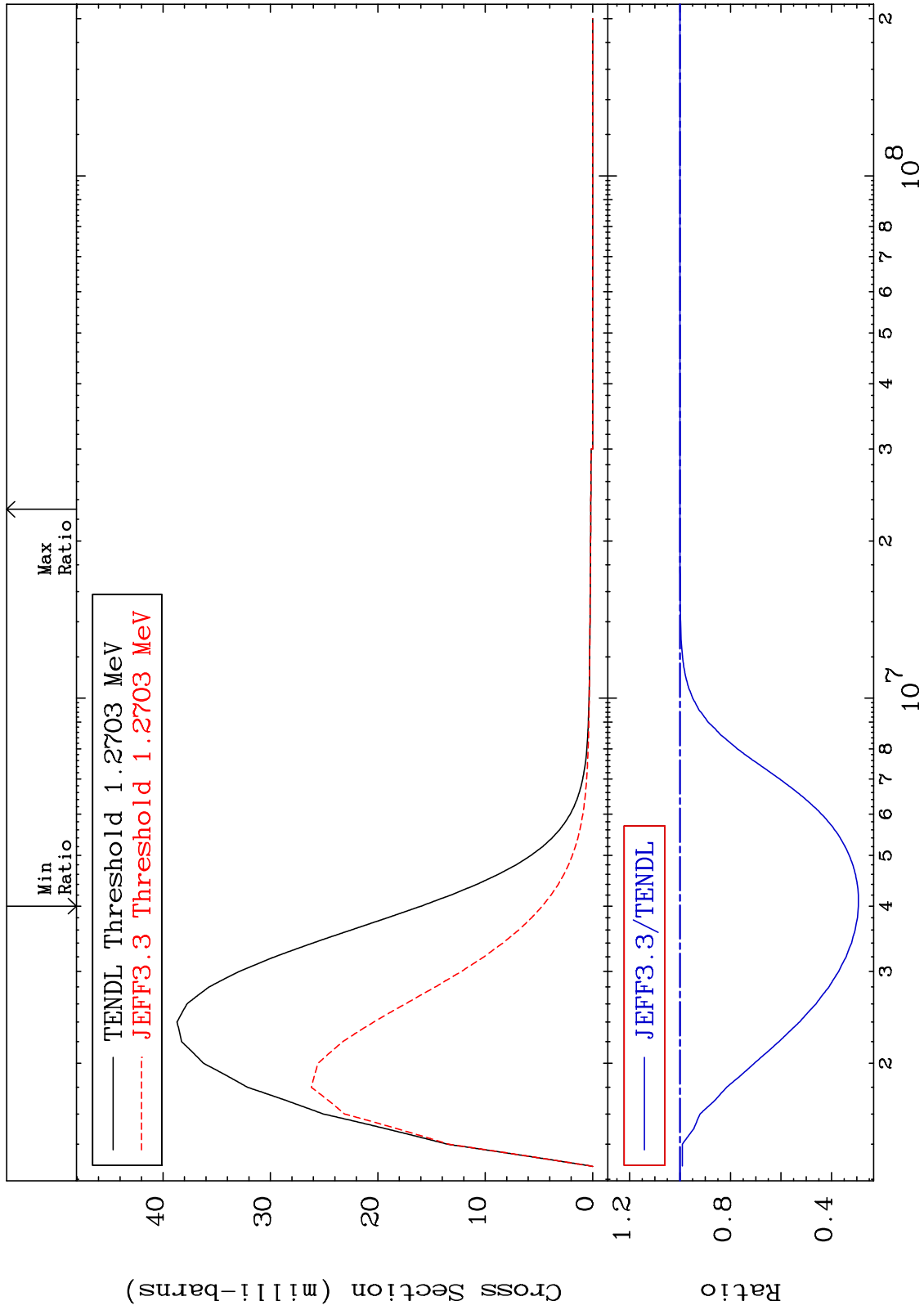
45

35-Br-79

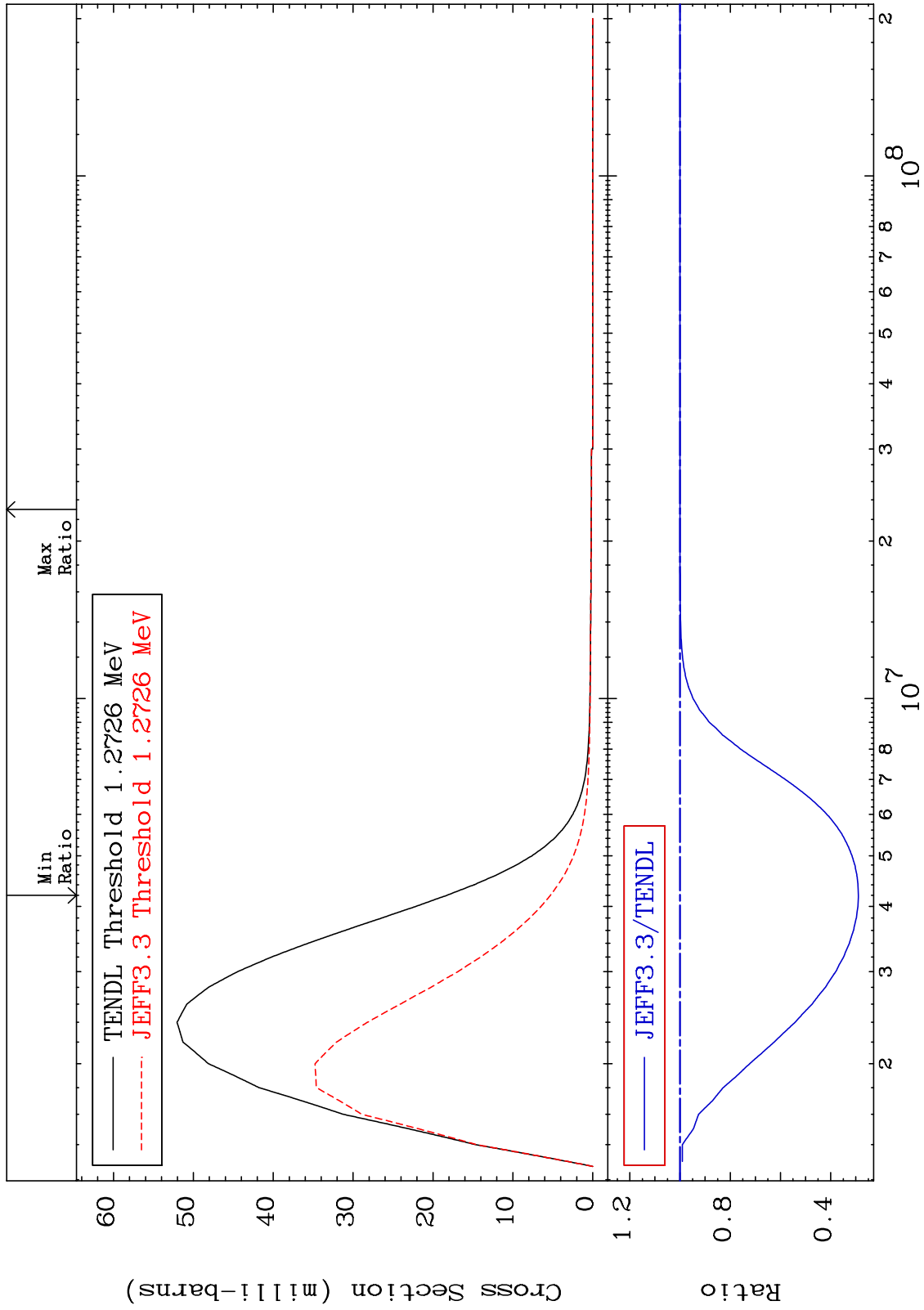
MAT 3525

MT= 78 (n,n') Level
Cross Section

35-Br-79
-70.66 To 0.000 %



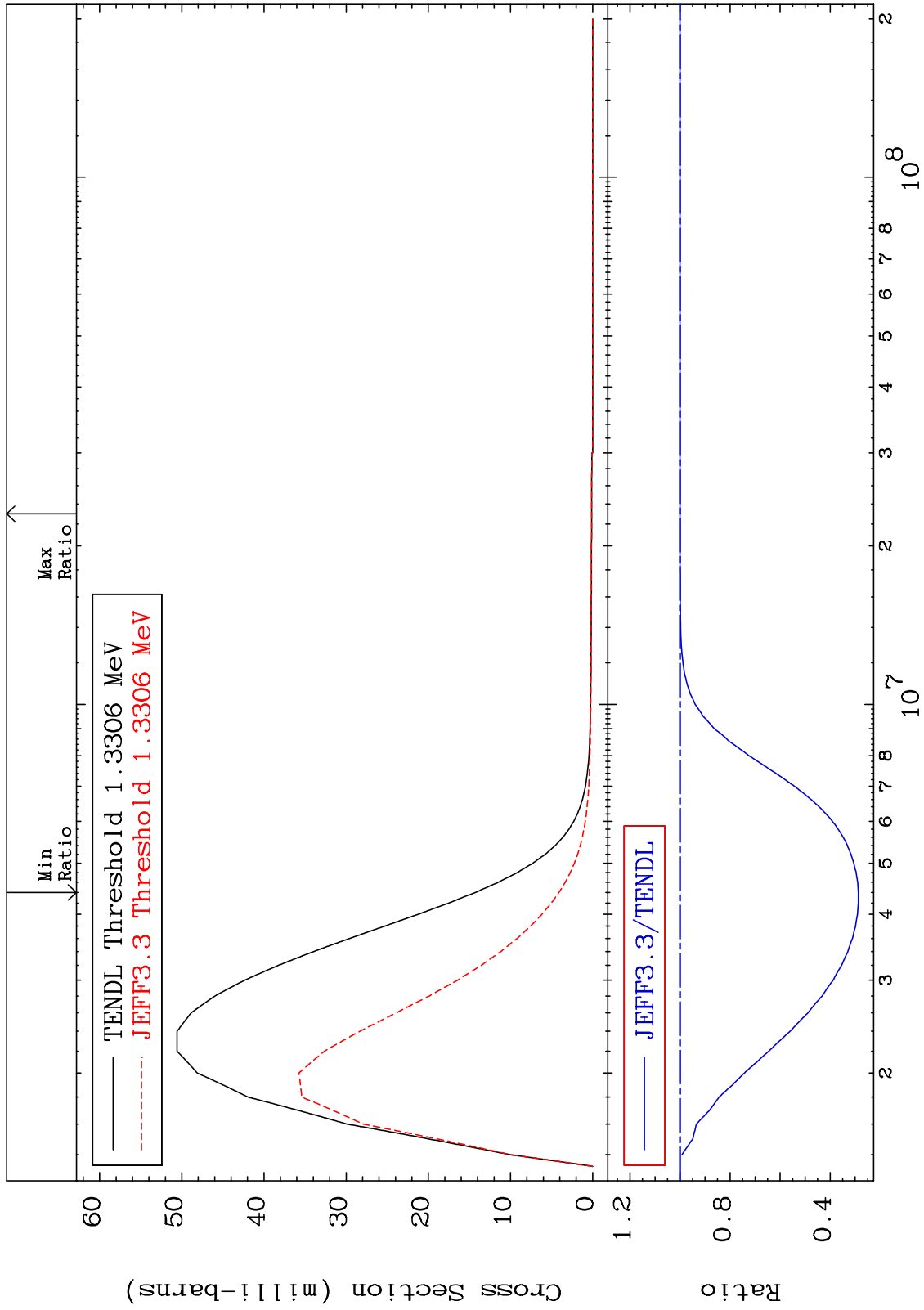
MAT 3525 MT= 79 (n,n') Level Cross Section -71.05 To 0.000 % 35-Br-79

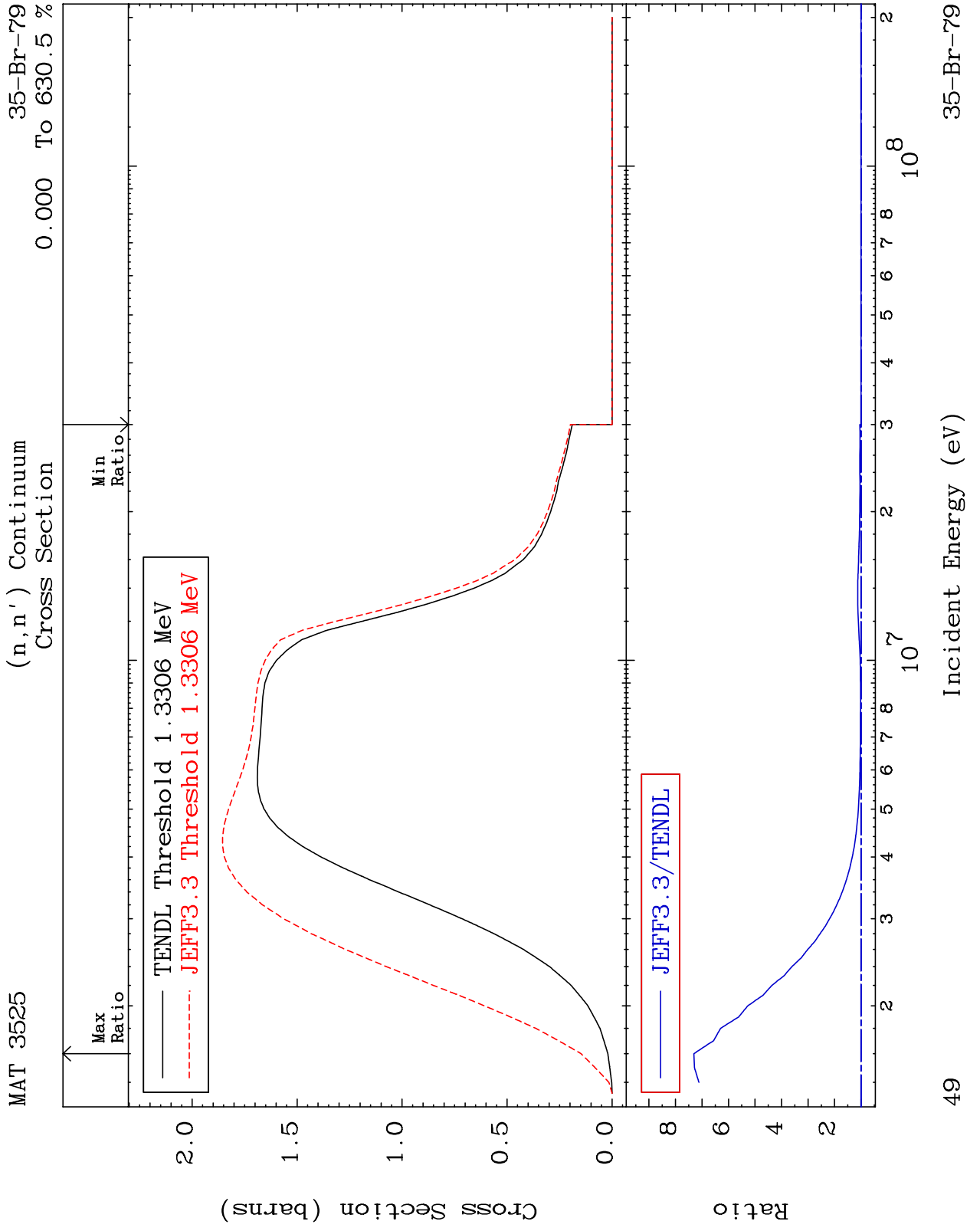


MAT 3525

MT= 80 (n, n') Level
Cross Section

35-Br-79
-71.29 To 0.000 %





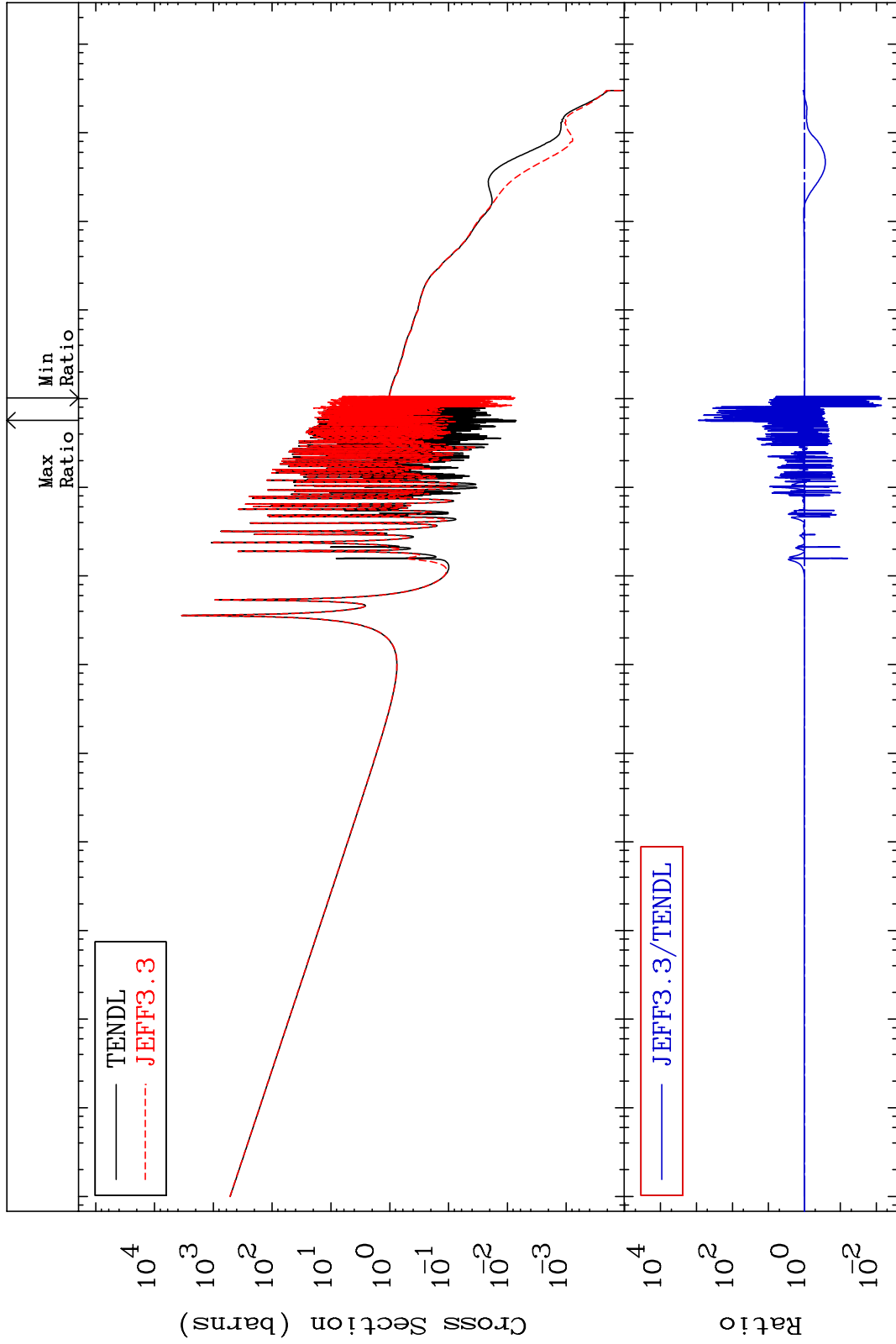
MAT 3525

(n, γ)

35-Br-79

Cross Section

-99.28 To 9999. %



Incident Energy (eV)

35-Br-79

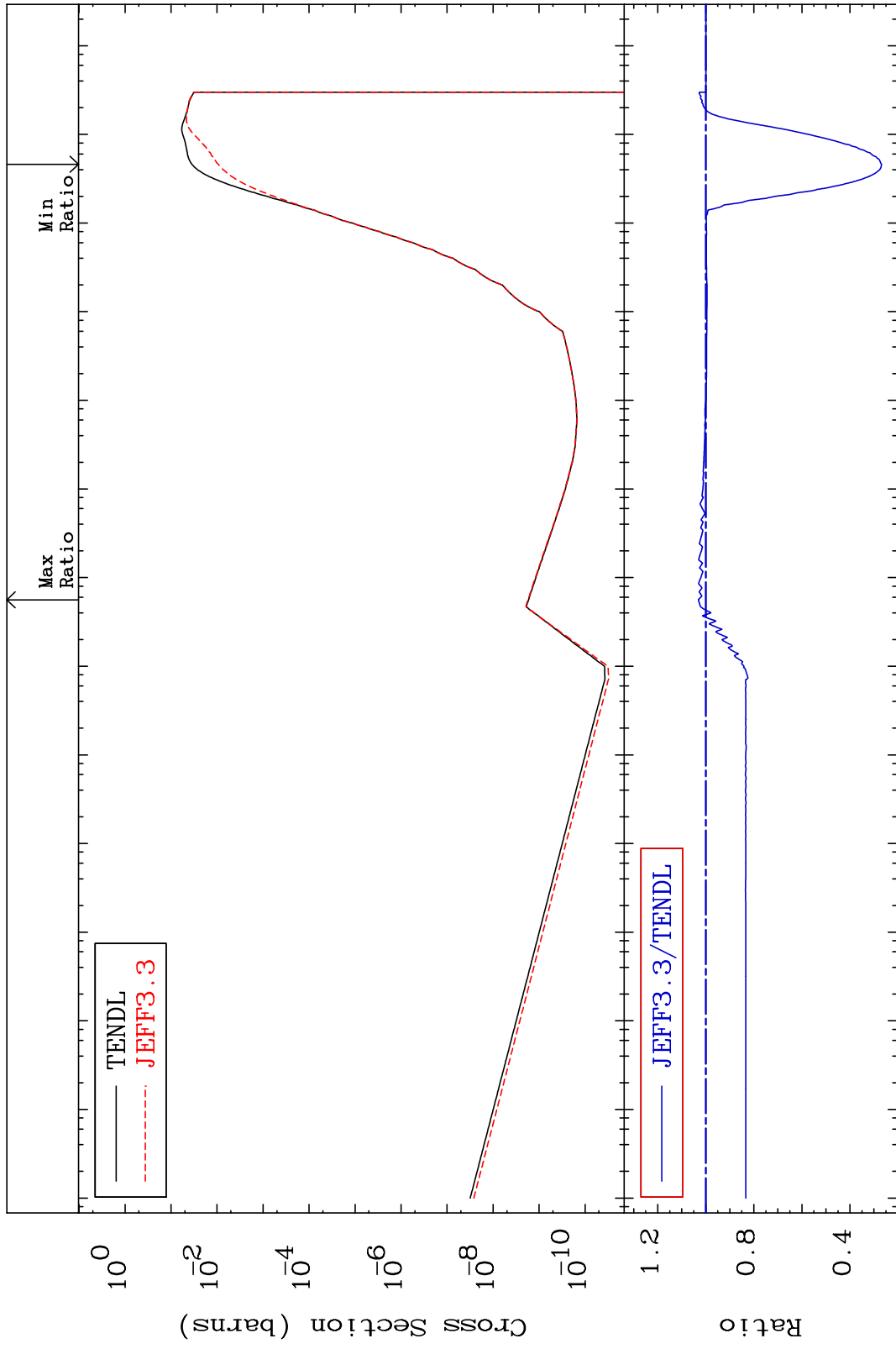
MAT 3525

(n, p)

35-Br-79

Cross Section

-73.15 To 3.102 %



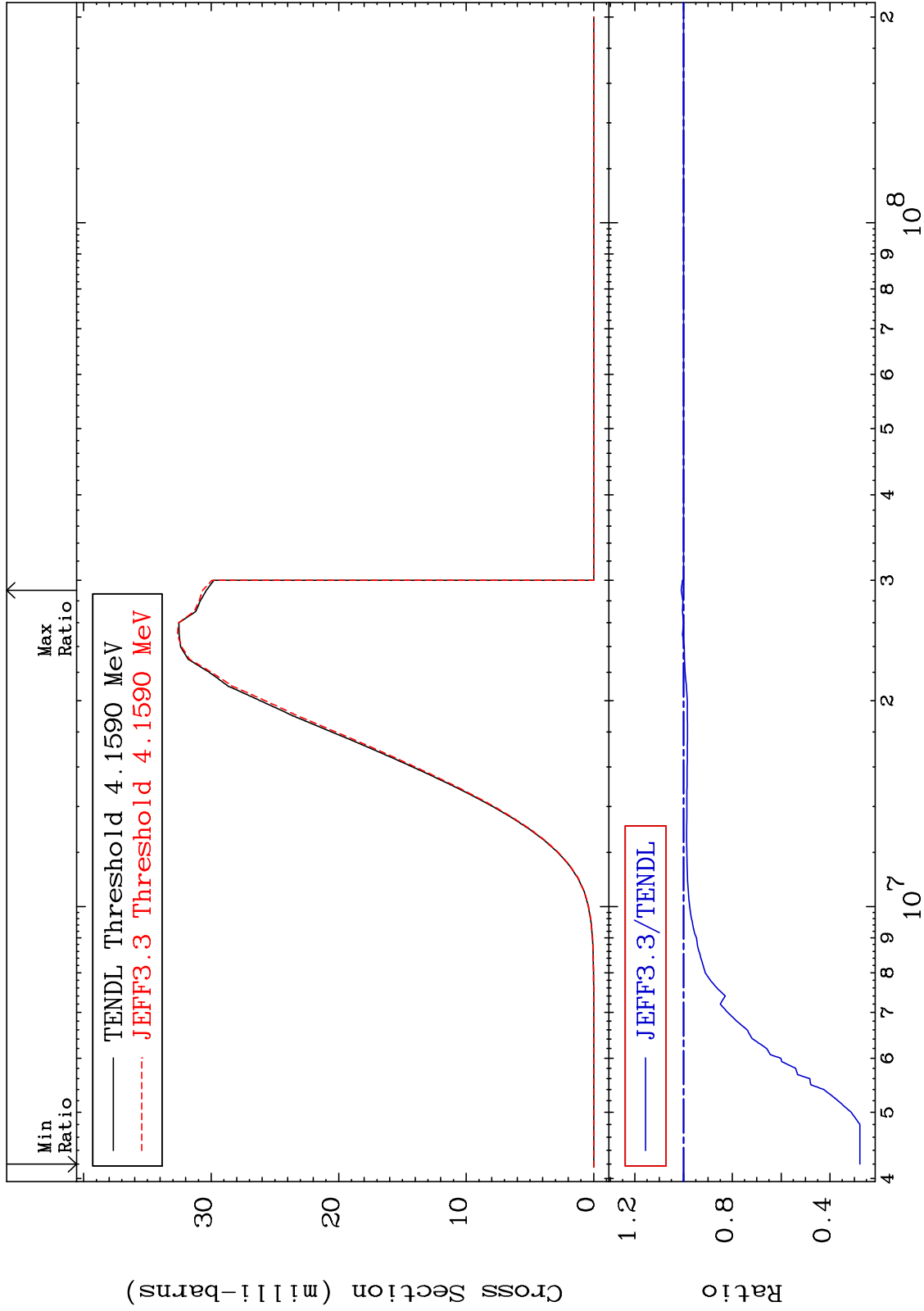
MAT 3525

(n, d)

35-Br-79

Cross Section

-72.30 To 0.976 %



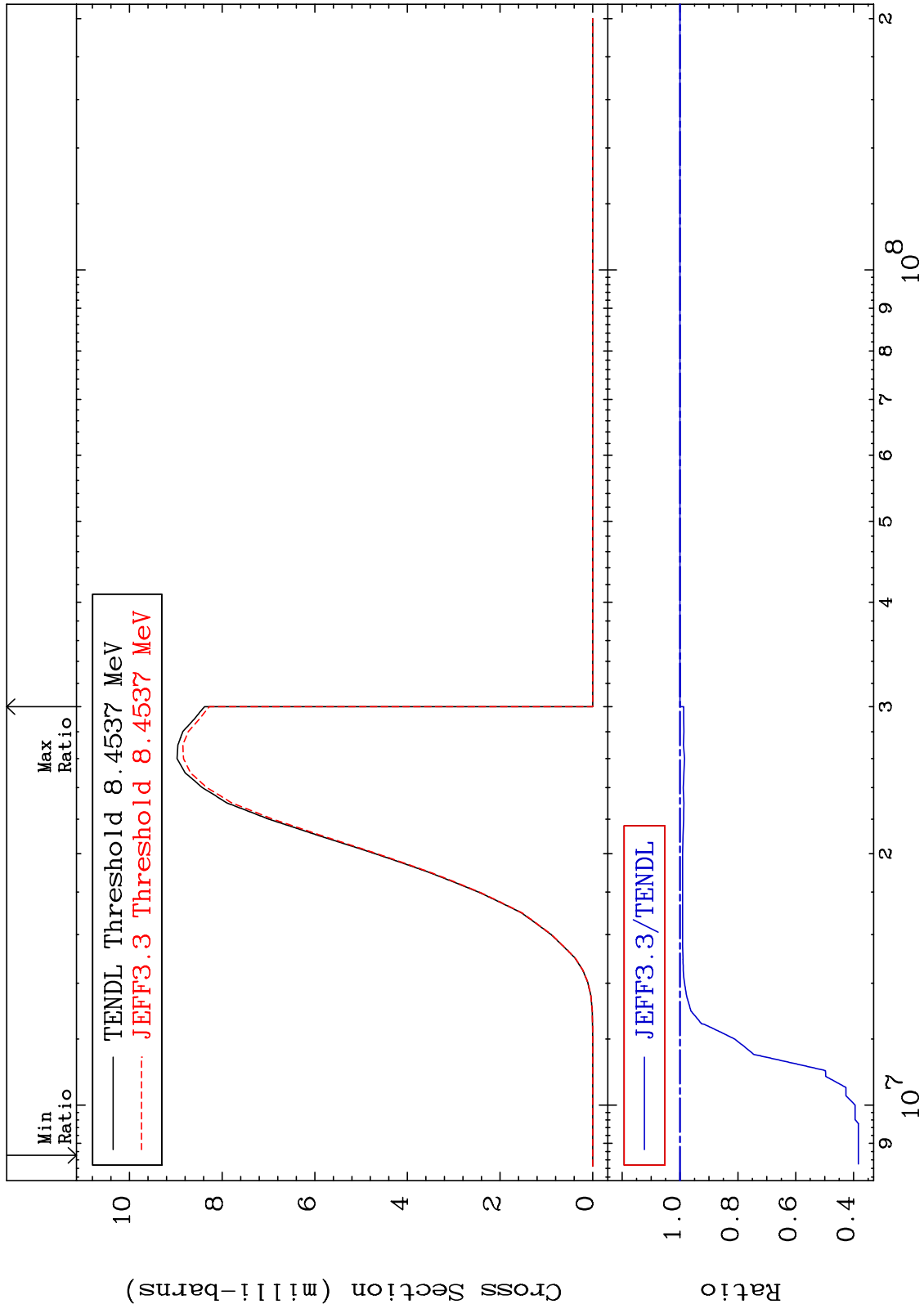
MAT 3525

(n, t)

35-Br-79

Cross Section

-61.66 To 0.000 %



53

Incident Energy (eV)

35-Br-79

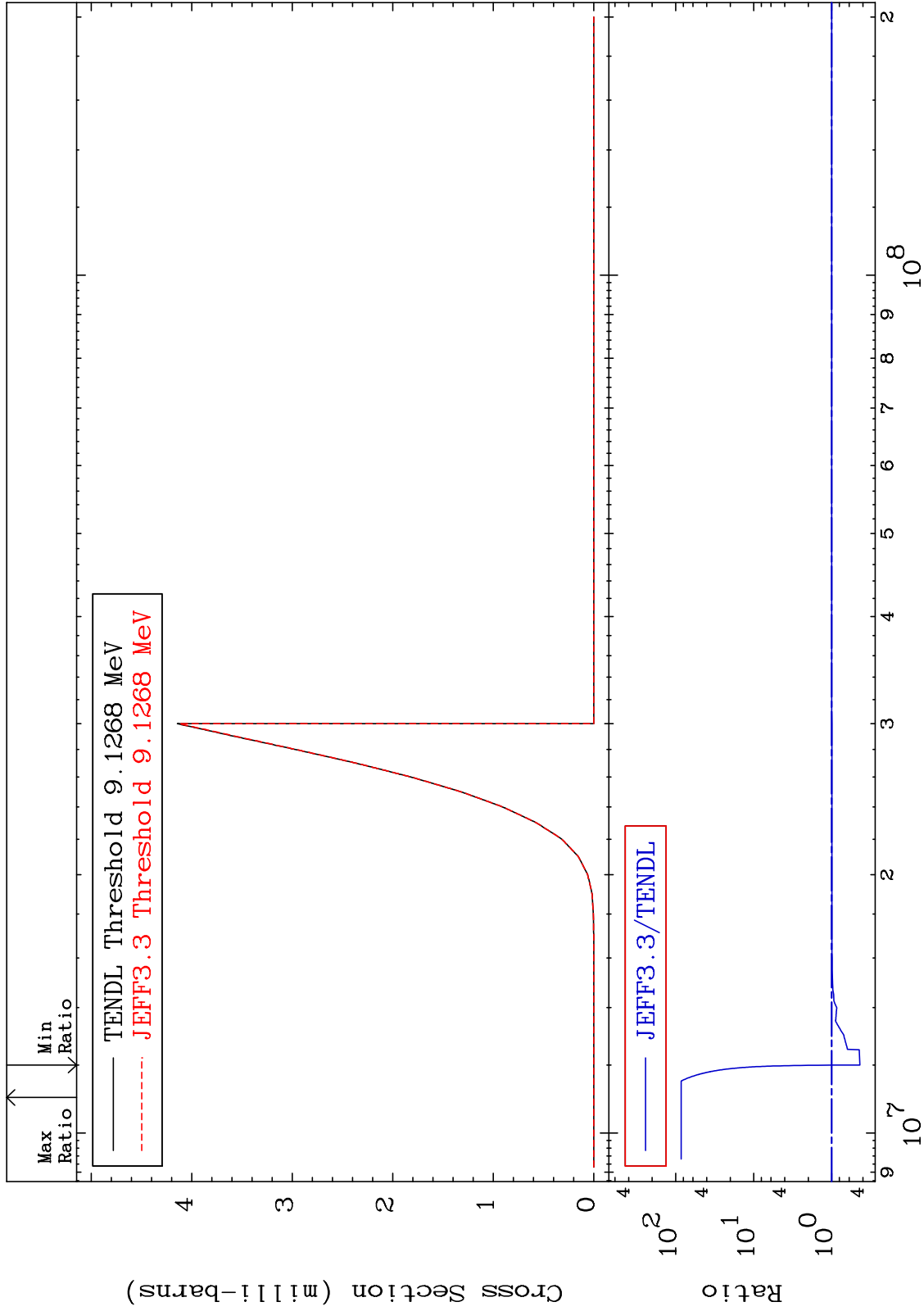
MAT 3525

(n, He-3)

35-Br-79

Cross Section

-56.38 To 8392. %



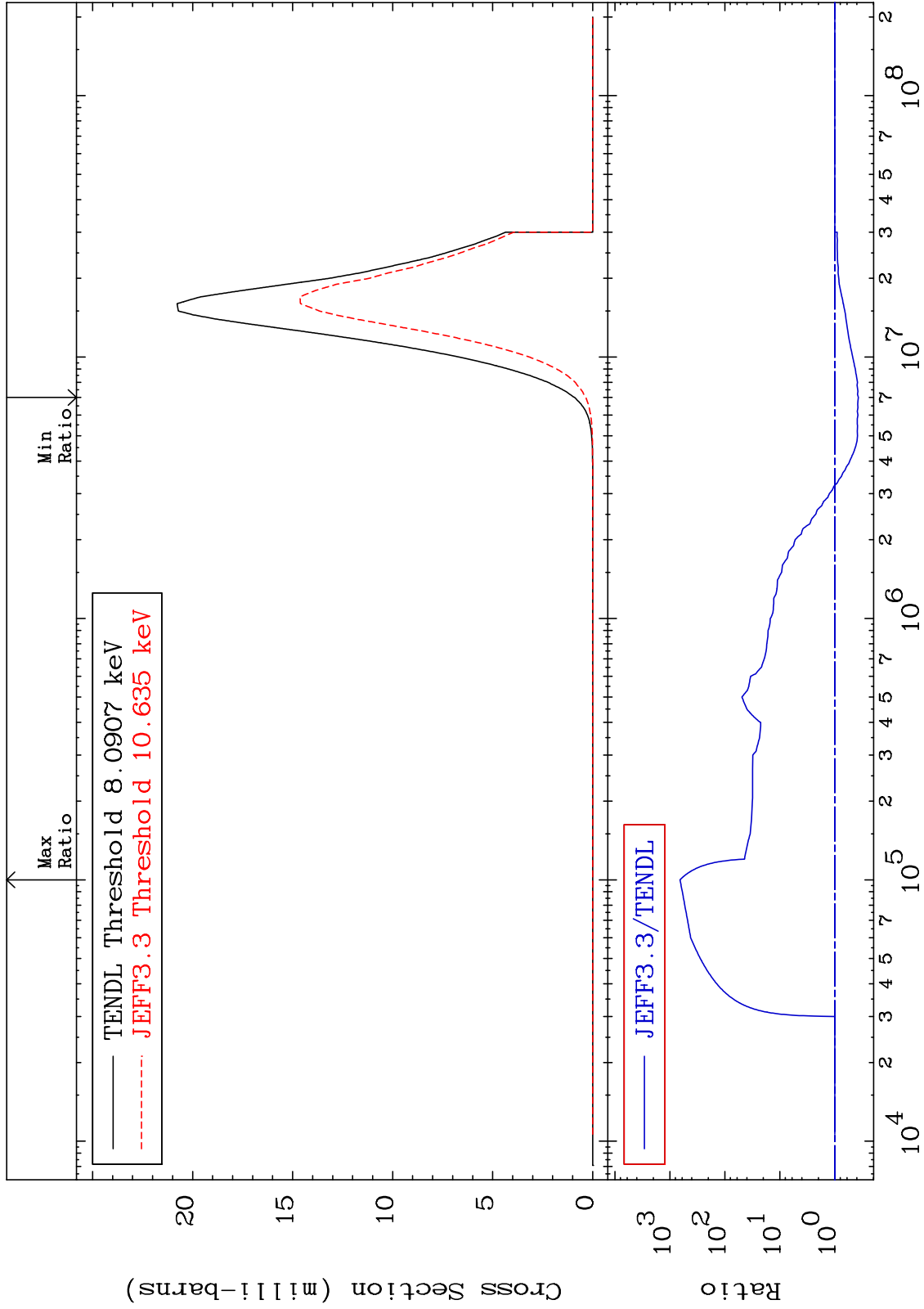
MAT 3525

(n, α)

35-Br-79

Cross Section

-62.65 To 9999. %



55

Incident Energy (eV)

35-Br-79

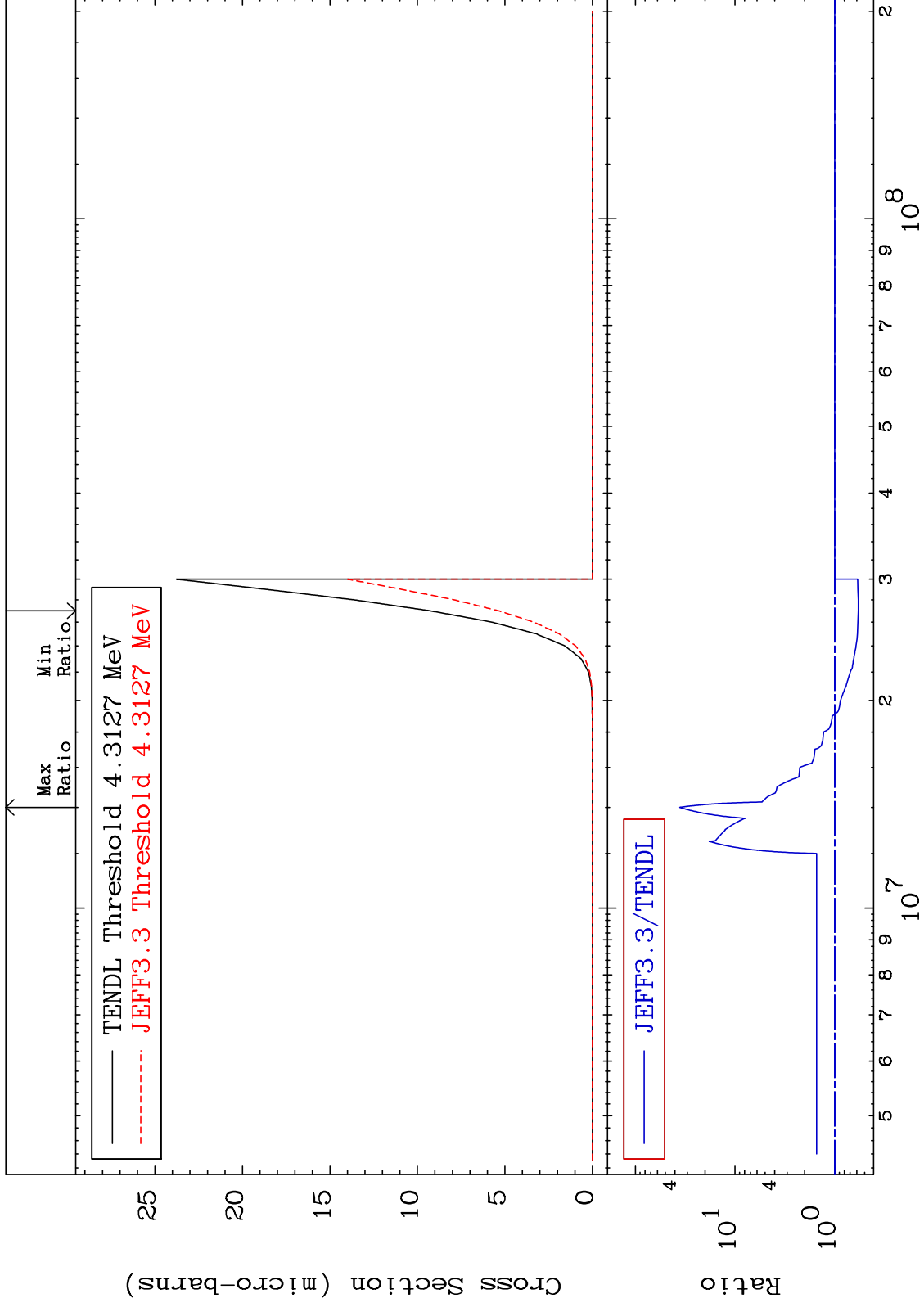
MAT 3525

(n, 2α)

³⁵Br-79

Cross Section

-42.18 To 3479. %



56

Incident Energy (eV)

³⁵Br-79

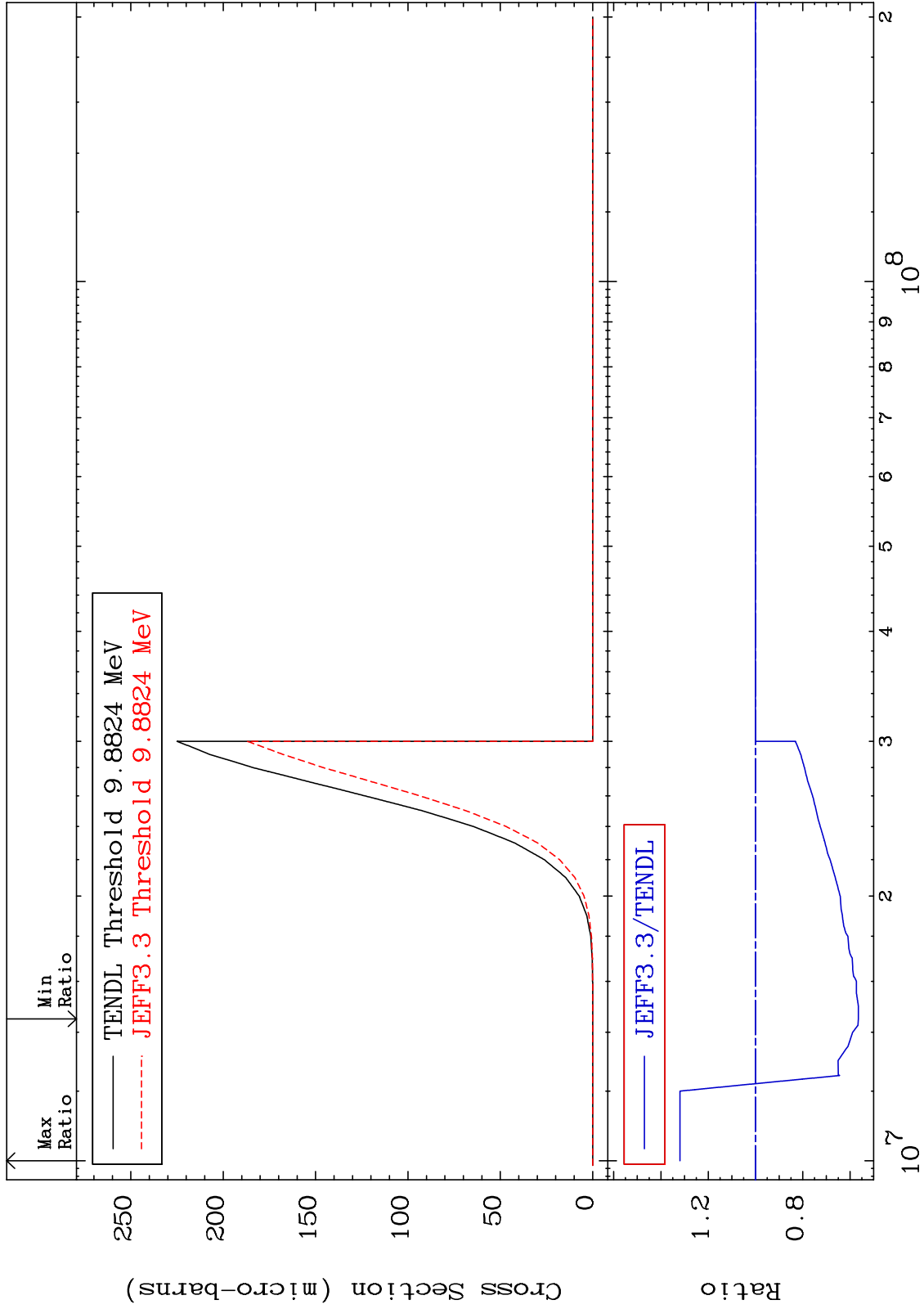
MAT 3525

(n,2p)

35-Br-79

Cross Section

-43.54 To 31.92 %



57

Incident Energy (eV)

35-Br-79

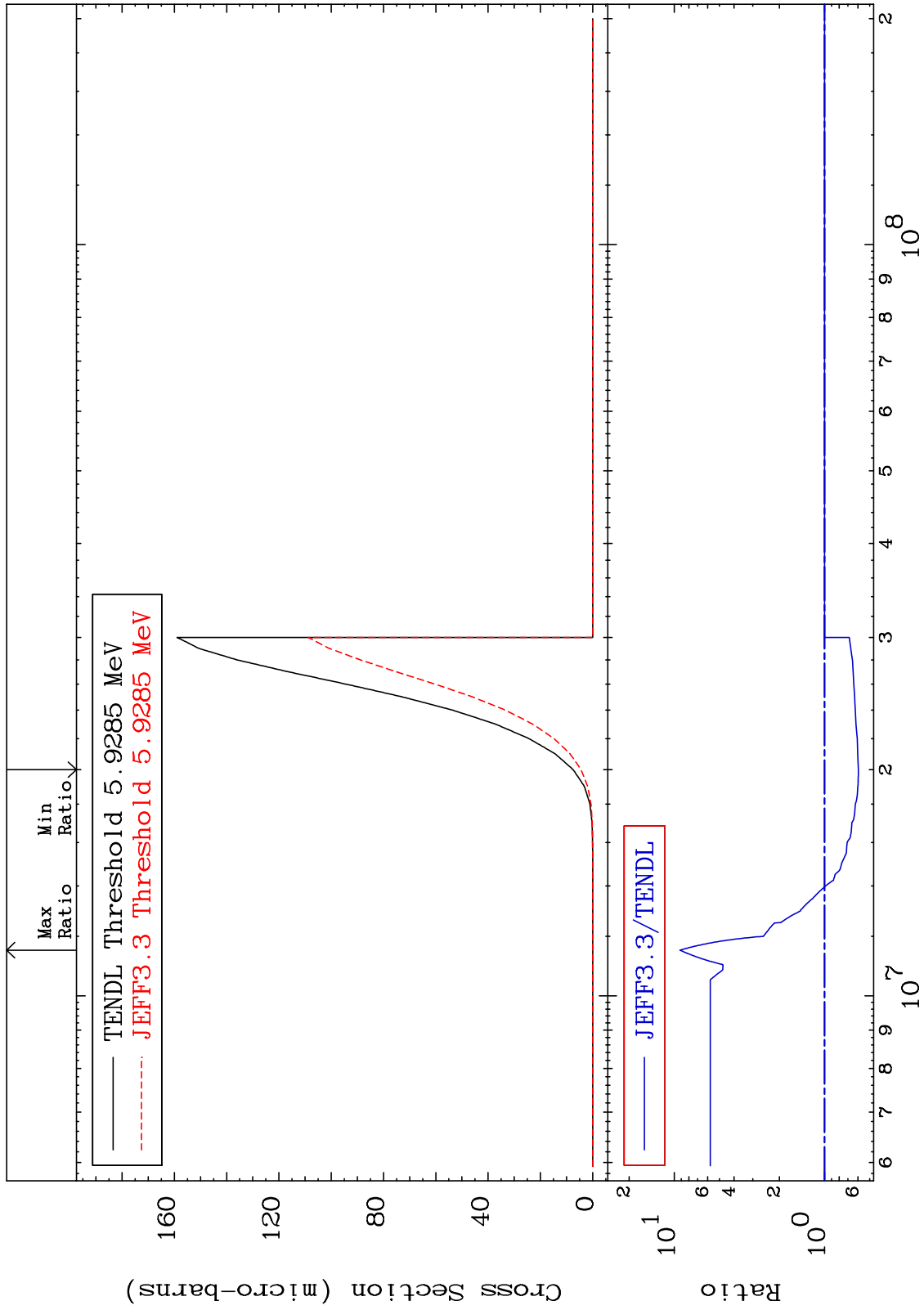
MAT 3525

(n,p) α

35-Br-79

Cross Section

-40.47 To 815.9 %



58

Incident Energy (eV)

35-Br-79

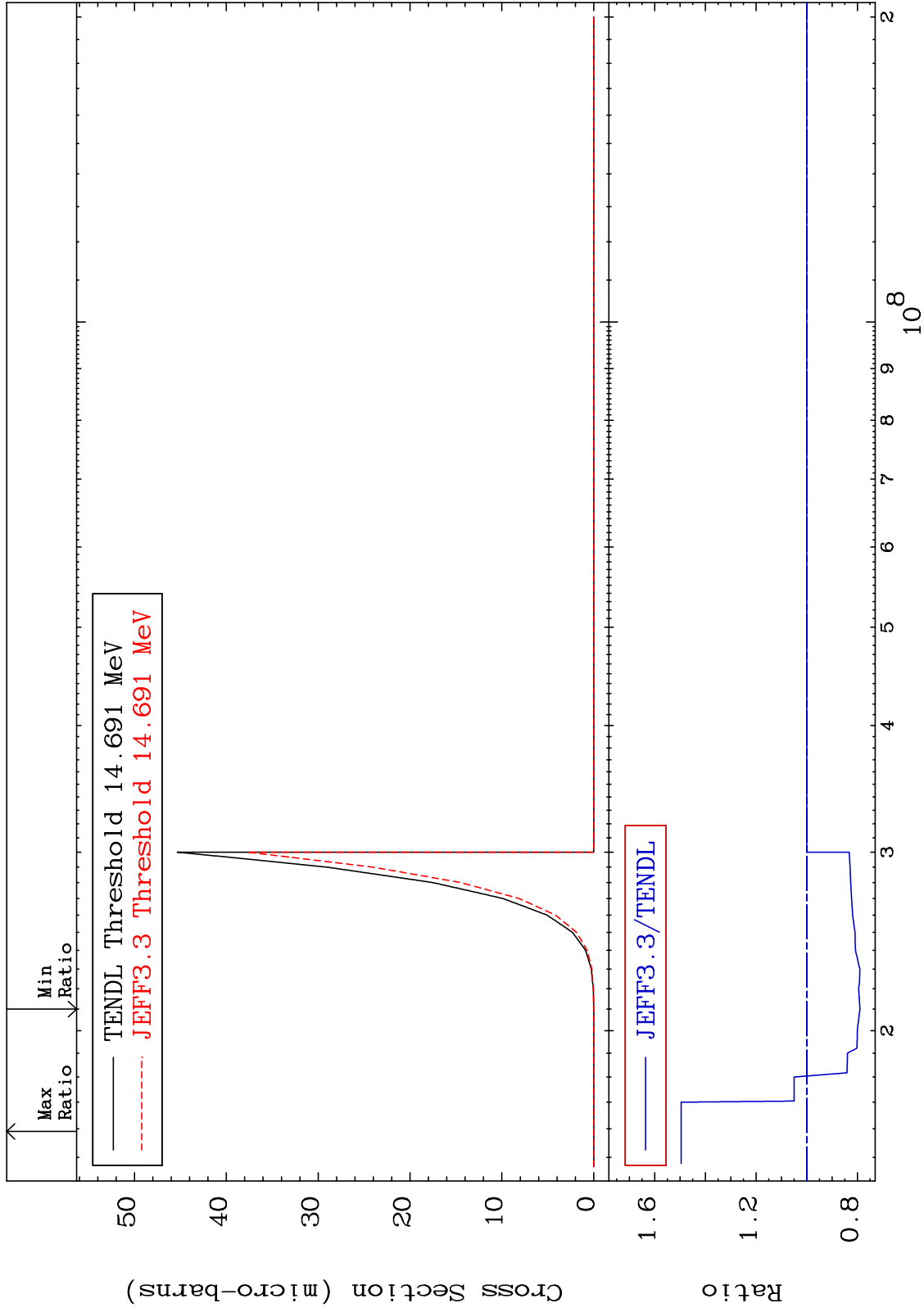
MAT 3525

(n,p) d

35-Br-79

Cross Section

-21.01 To 49.55 %



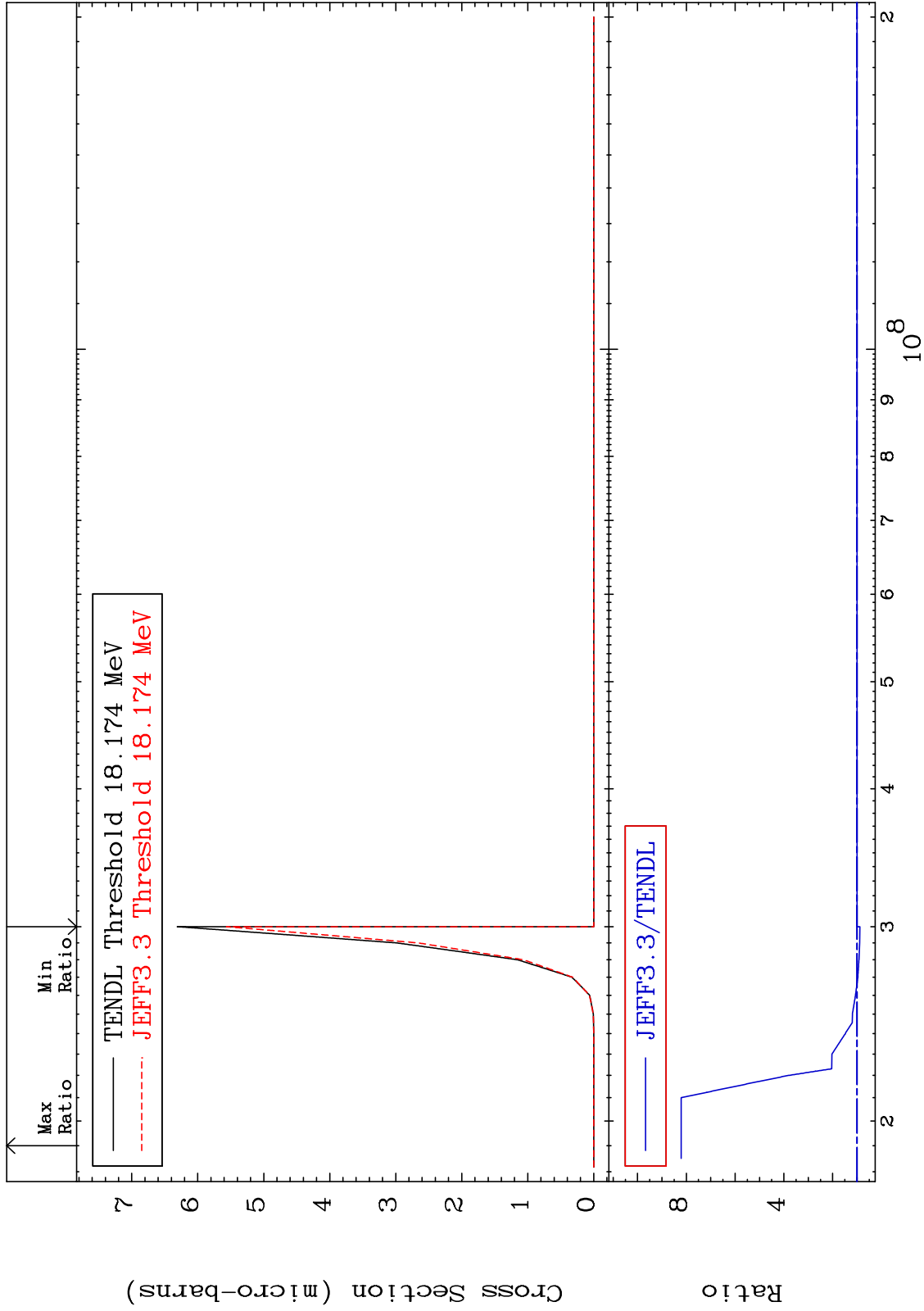
MAT 3525

(n,p) t

35-Br-79

Cross Section

-11.80 To 720.9 %



60

Incident Energy (eV)

35-Br-79

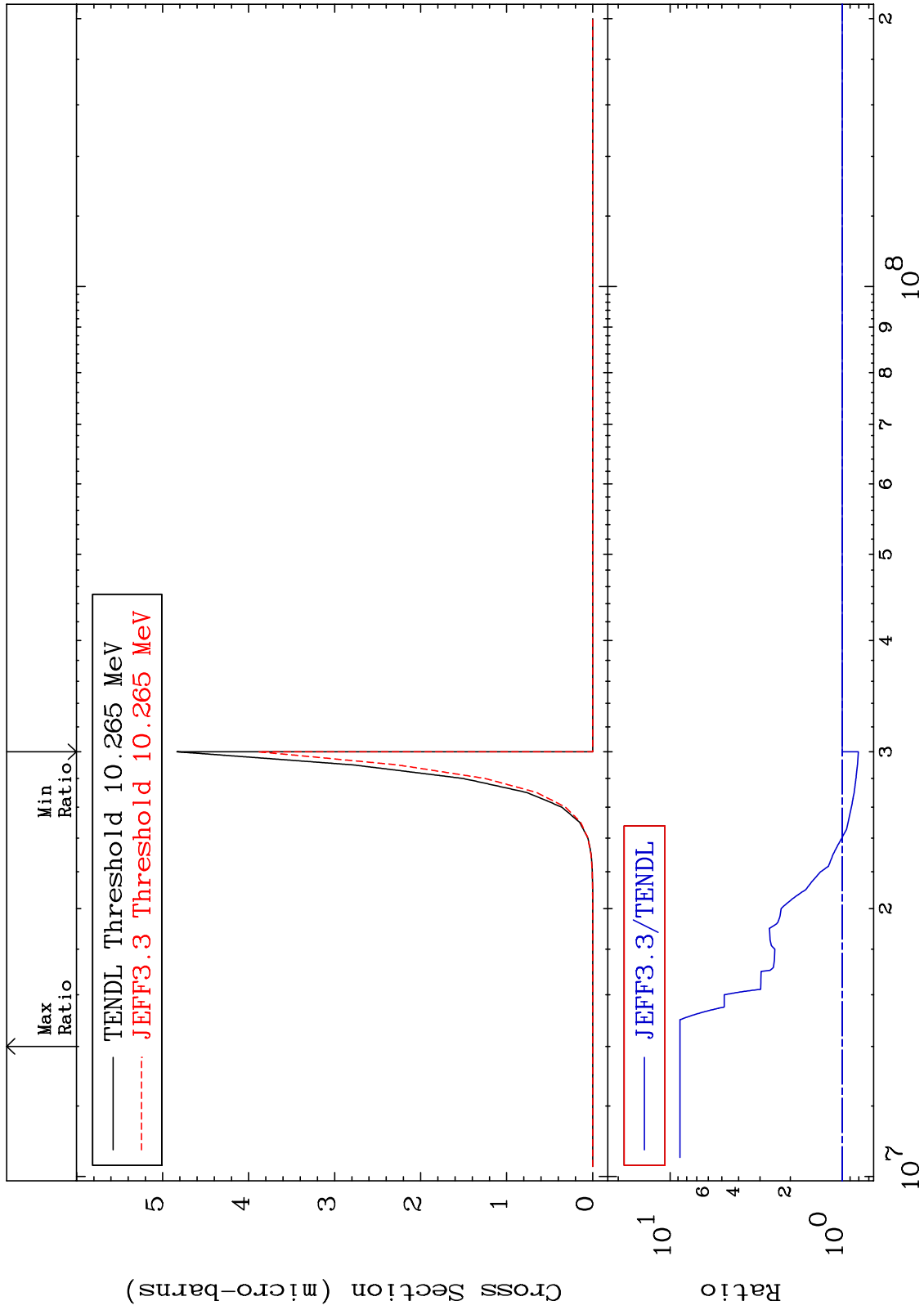
MAT 3525

(n,d) α

35-Br-79

Cross Section

-19.58 To 775.0 %



61

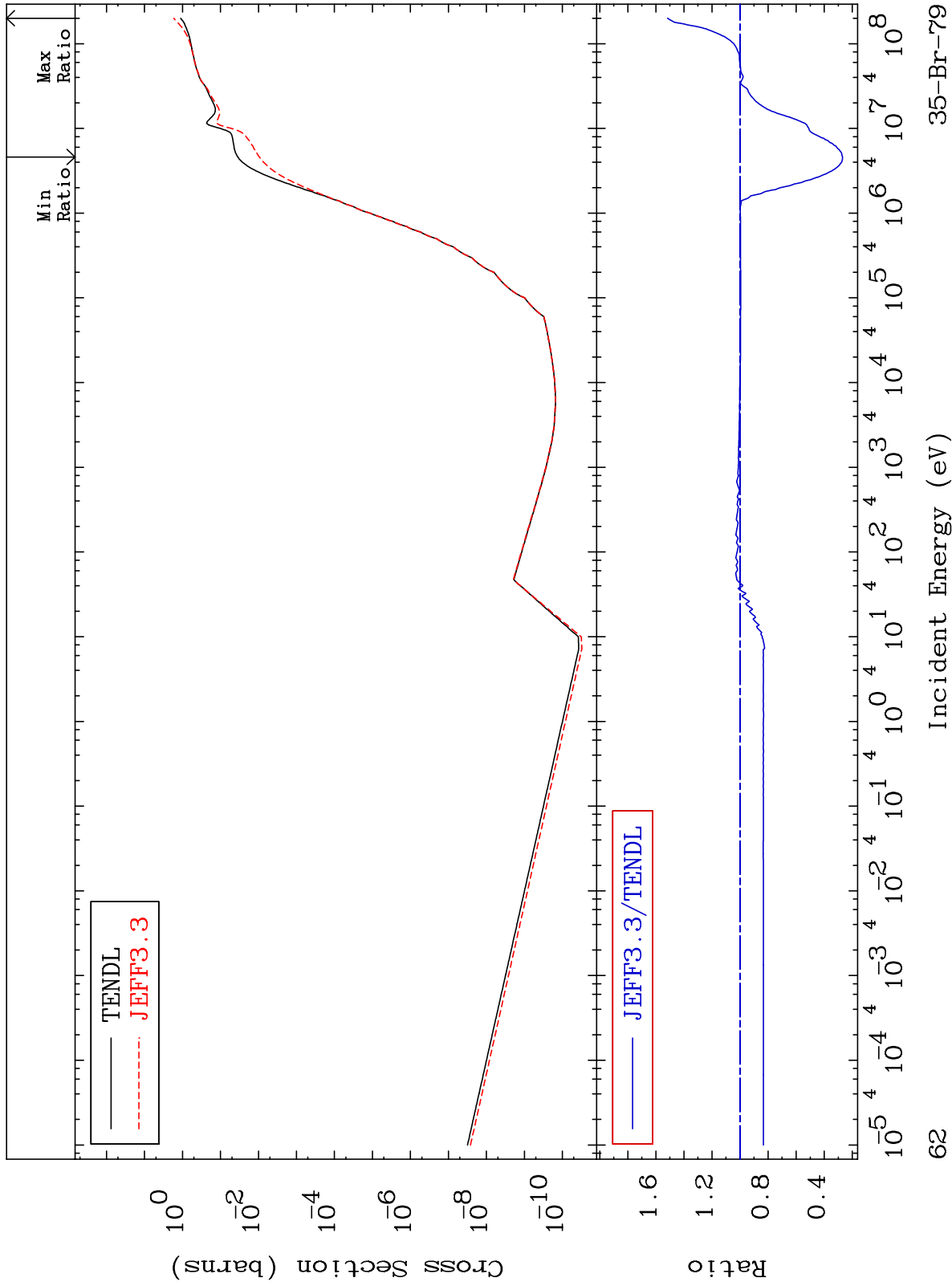
Incident Energy (eV)

35-Br-79

MAT 3525

Hydrogen Production Cross Section

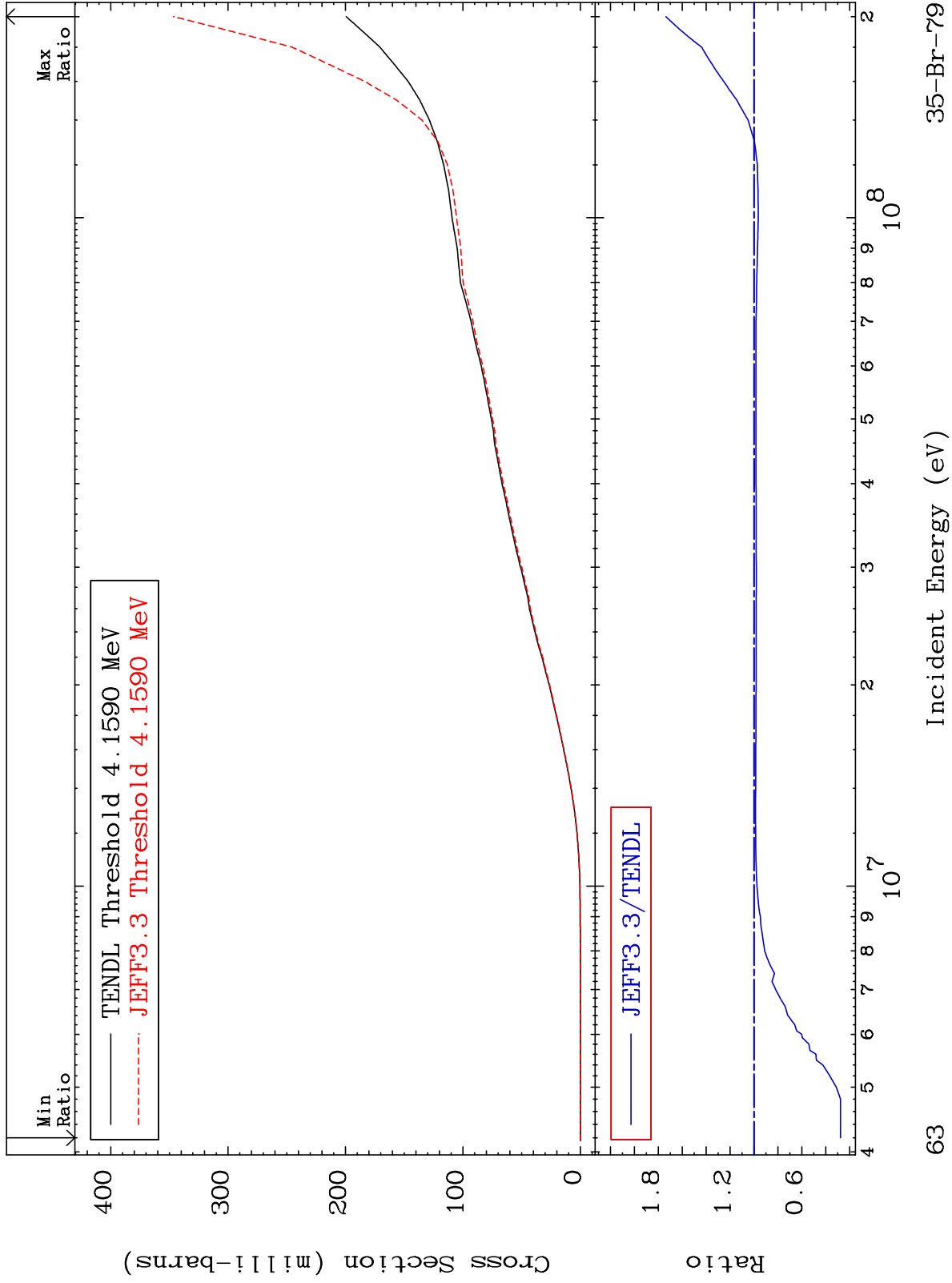
35-Br-79
-73.15 To 51.66 %



MAT 3525

Deuterium Production
Cross Section

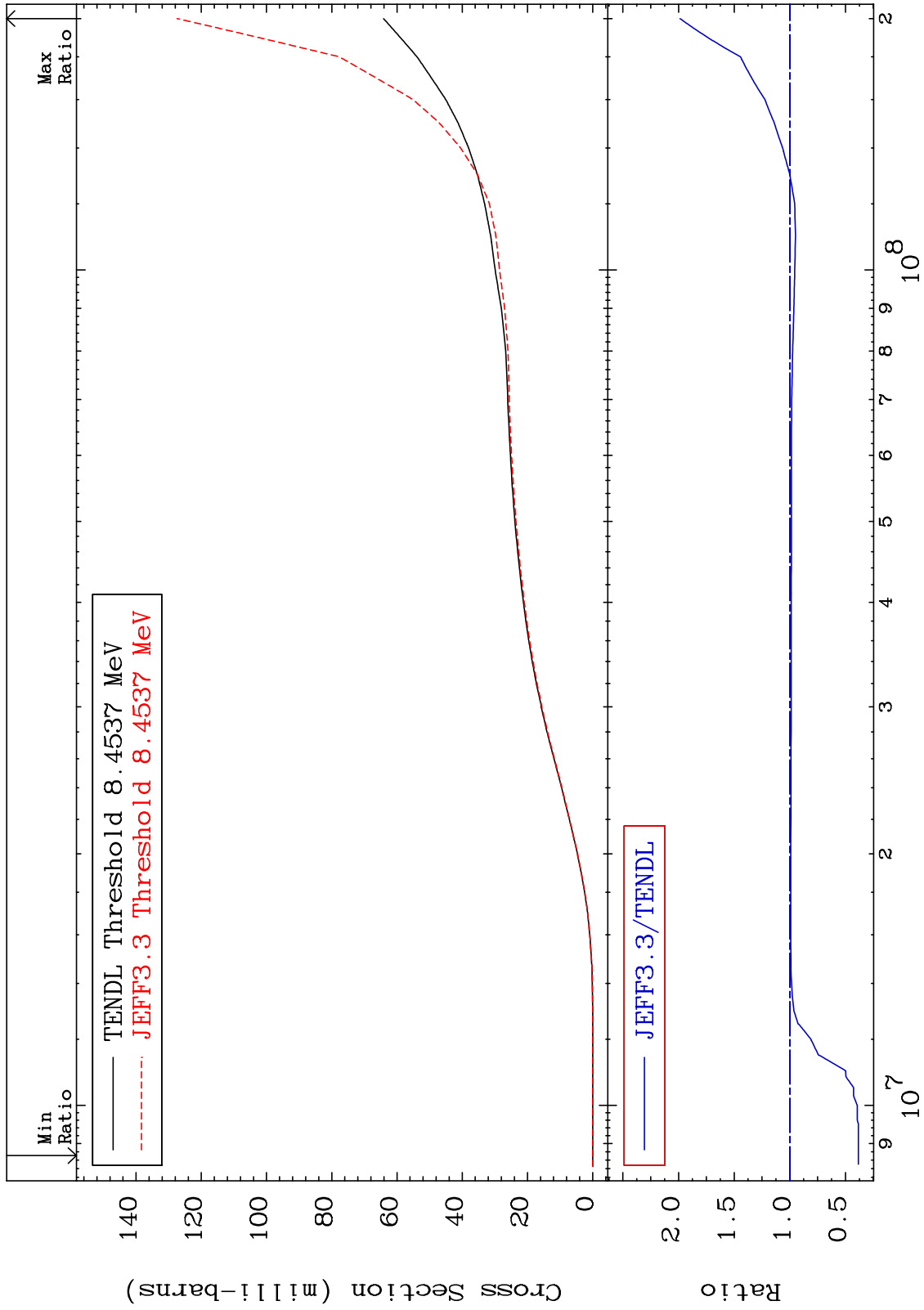
35-Br-79
-72.30 To 73.73 %



MAT 3525

Tritium Production
Cross Section

35-Br-79
-61.66 To 98.67 %



64

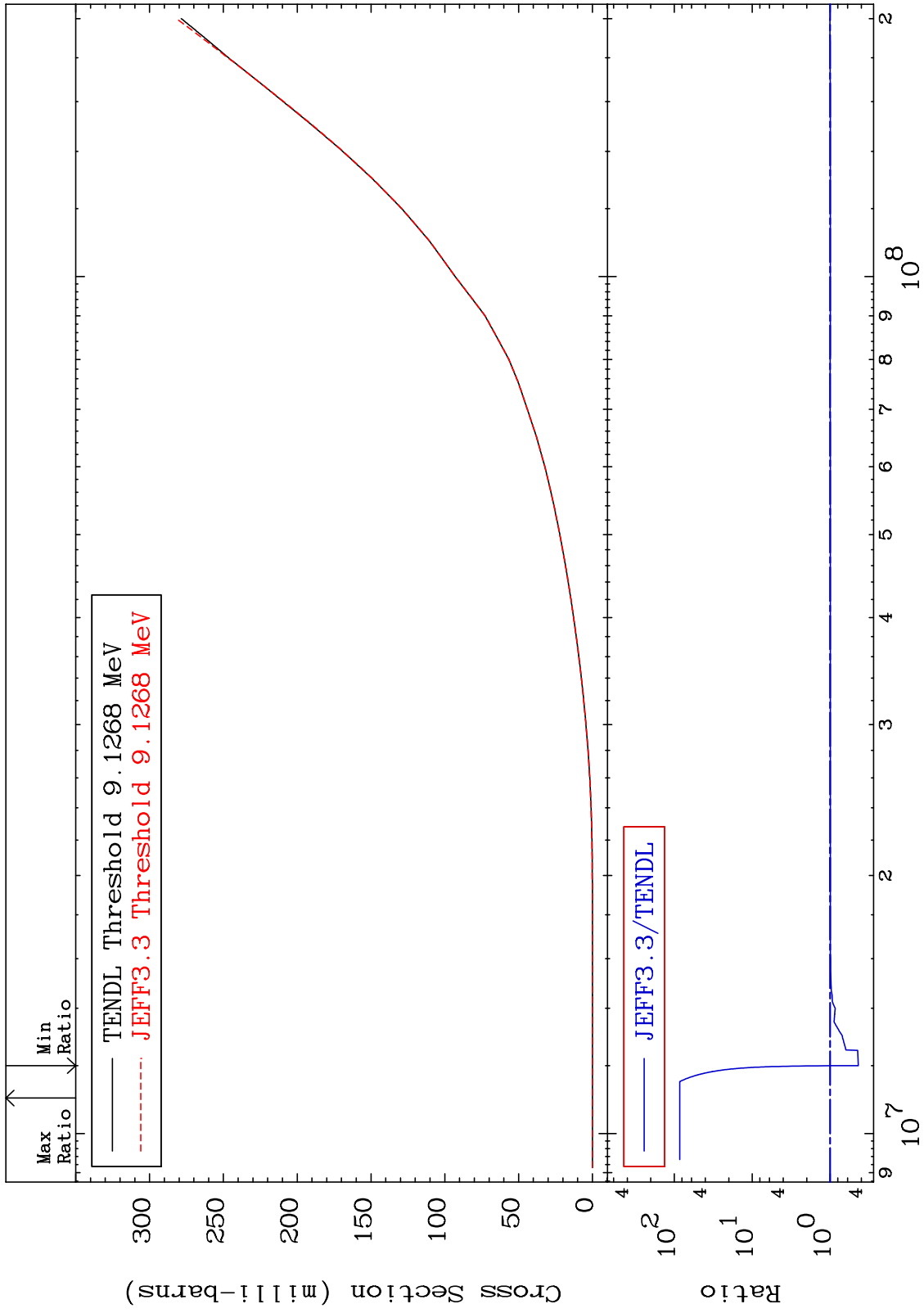
Incident Energy (eV)

35-Br-79

MAT 3525

He-3 Production
Cross Section

35-Br-79
-56.38 To 8392. %



65

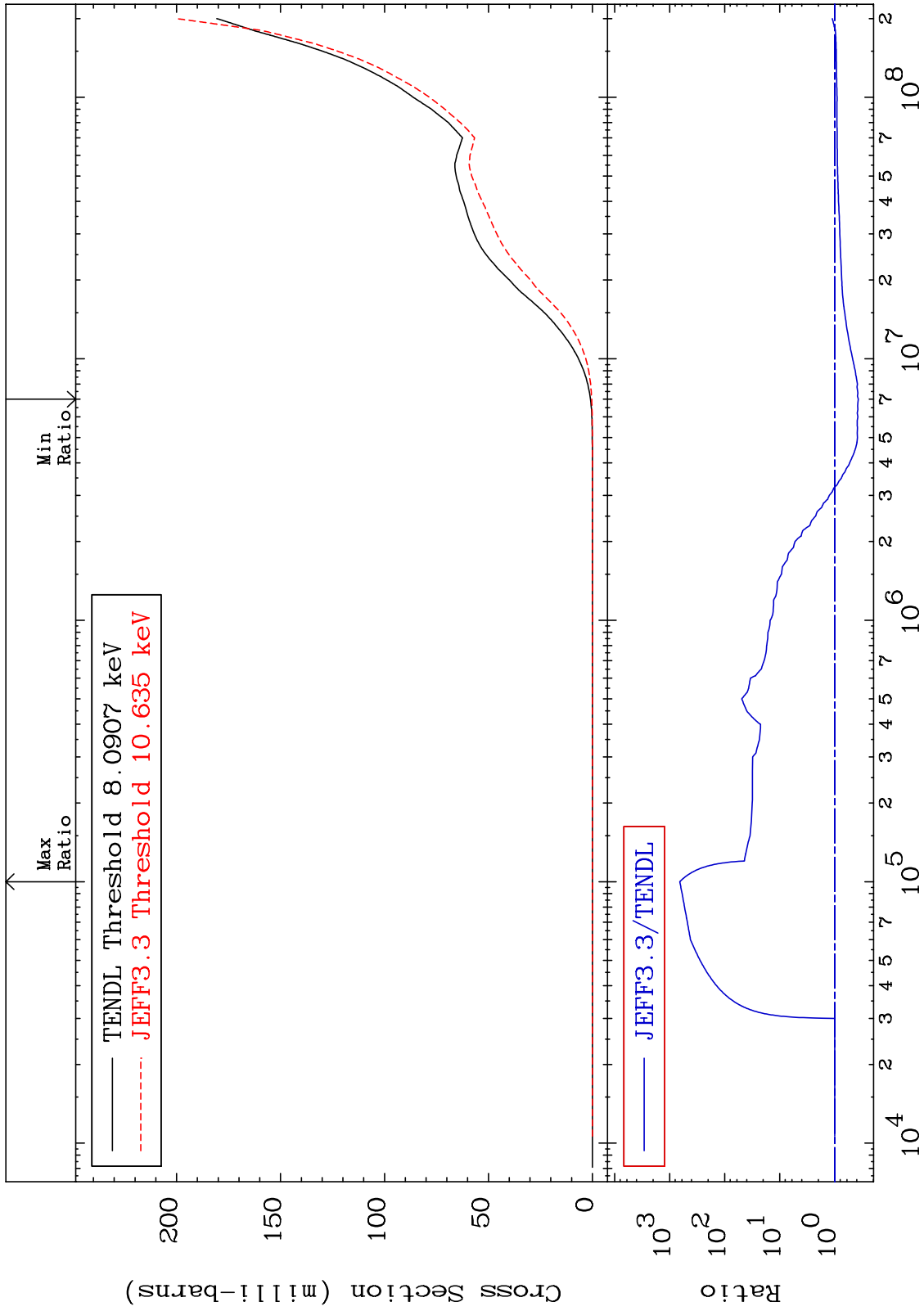
Incident Energy (eV)

35-Br-79

MAT 3525

He-4 Production
Cross Section

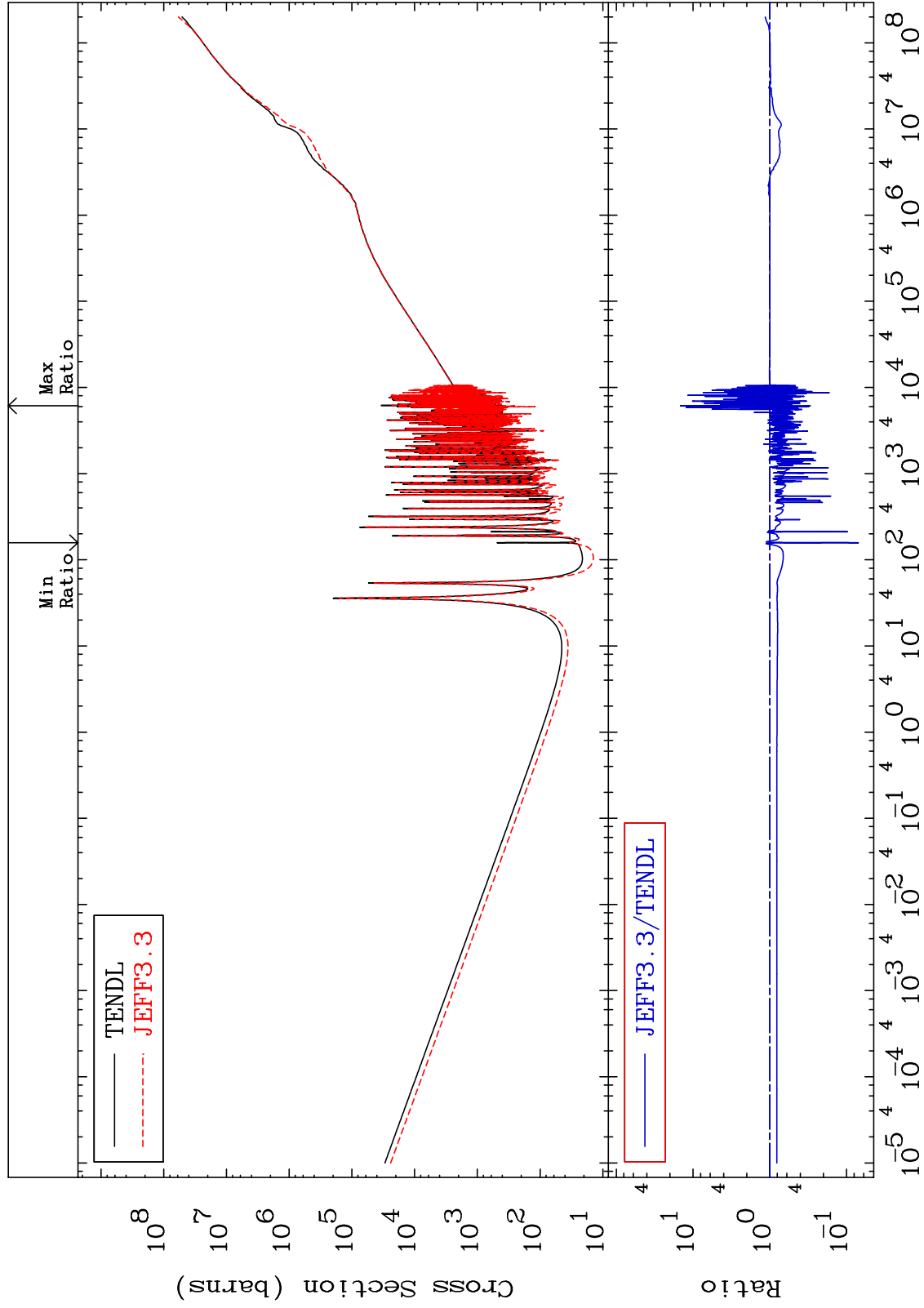
35-Br-79
-62.65 To 9999. %



MAT 3525

Kerma total (eV-barns)
Cross Section

35-Br-79
-93.01 To 1362. %



67

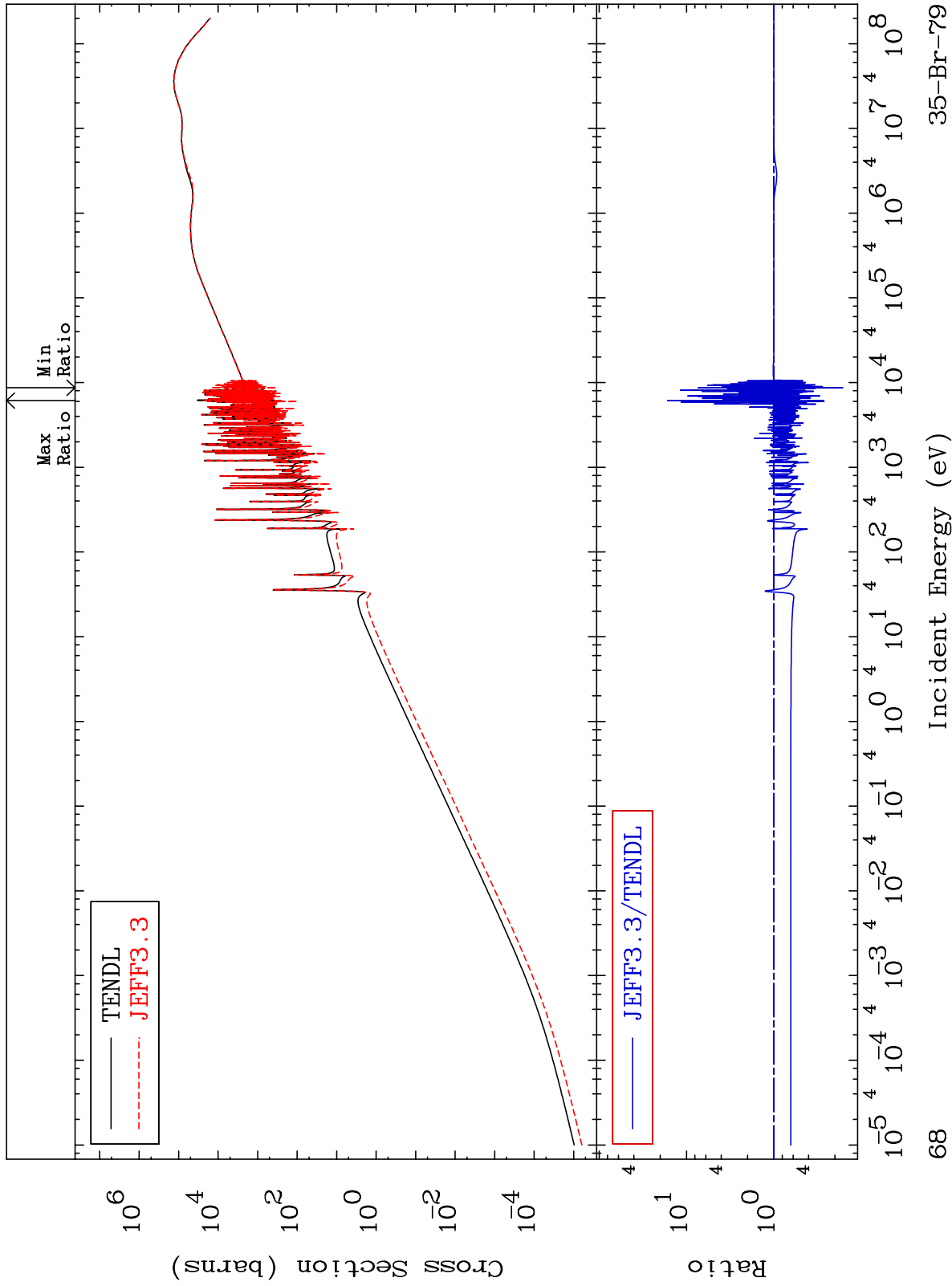
Incident Energy (eV)

35-Br-79

MAT 3525

Kerma elastic
Cross Section

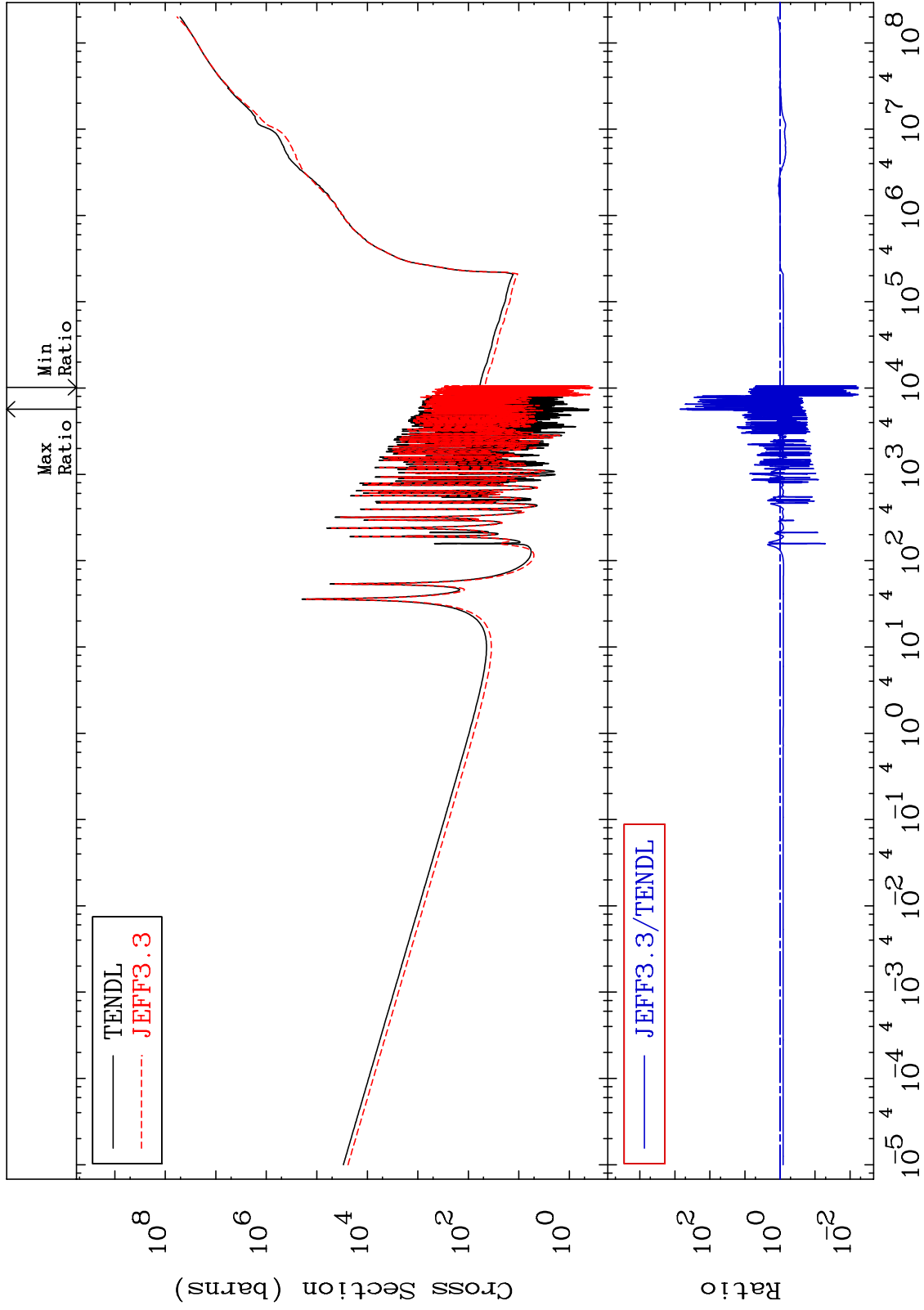
35-Br-79
-83.70 To 1548. %



MAT 3525

Kerma non-elastic (all but mt2)
Cross Section

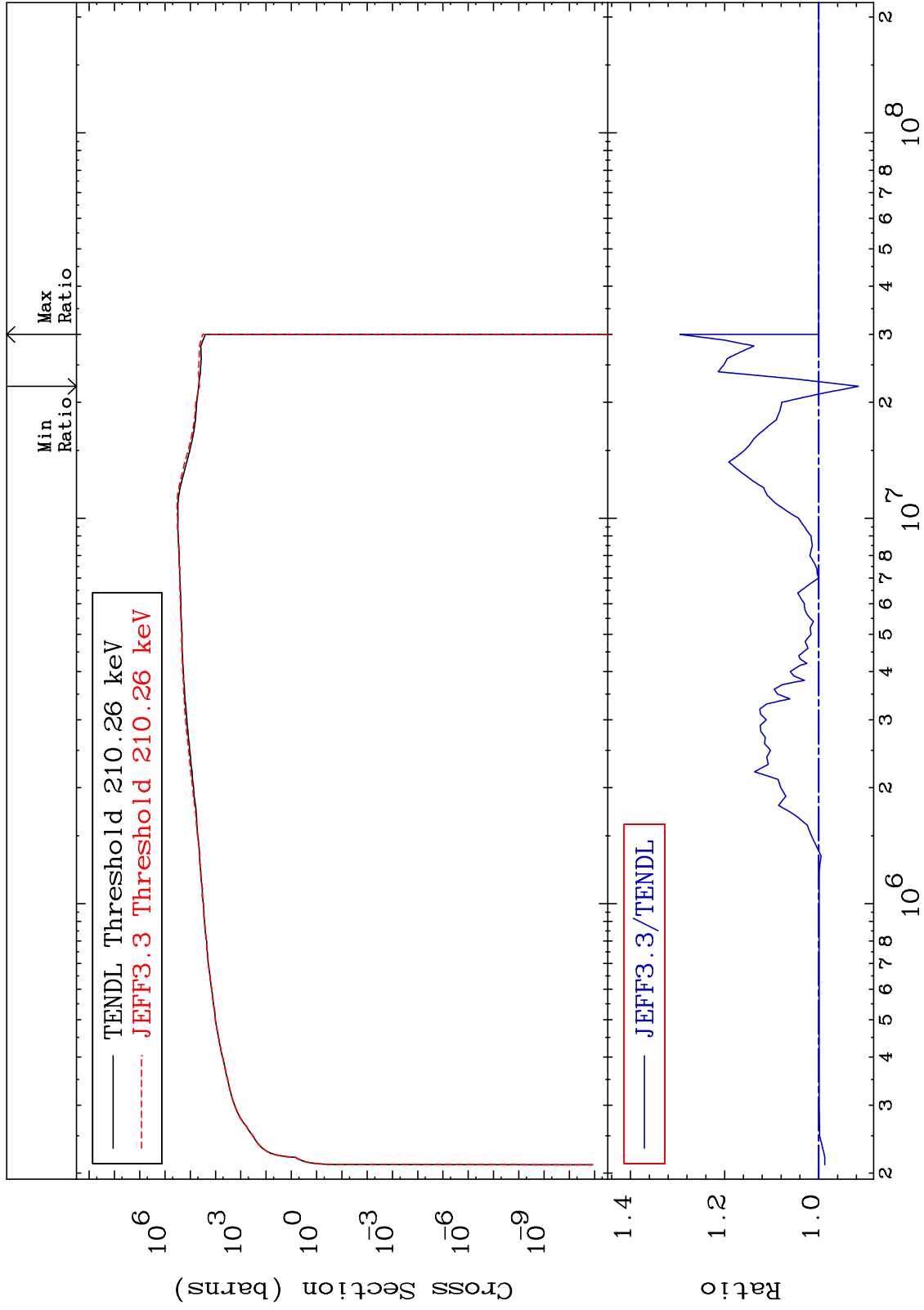
35-Br-79
-99.42 To 9999. %



MAT 3525

Kerma inelastic (mt51-91)
Cross Section

35-Br-79
-8.430 To 29.48 %



70

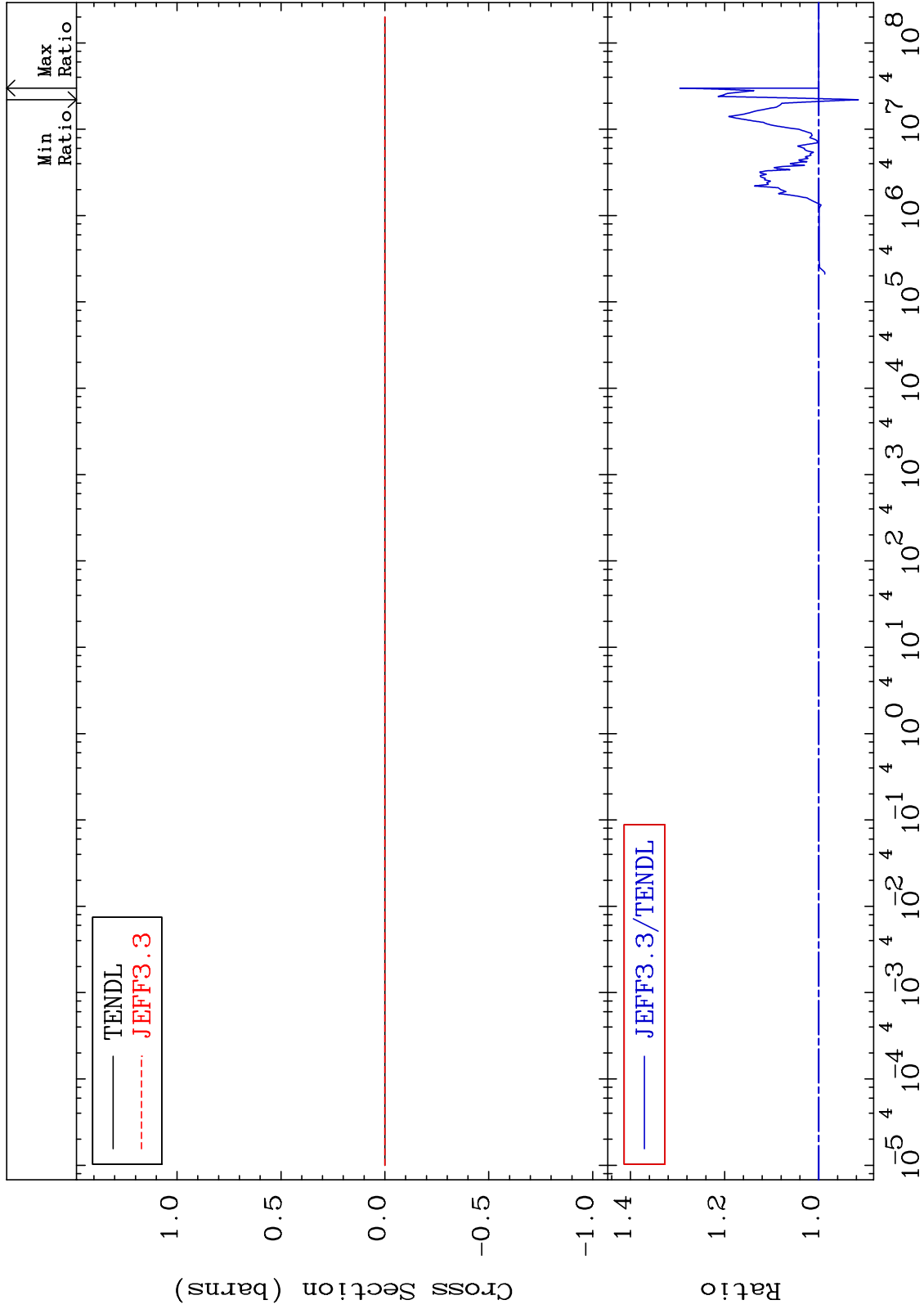
Incident Energy (eV)

35-Br-79

MAT 3525

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

35-Br-79
-8.430 To 29.48 %



71

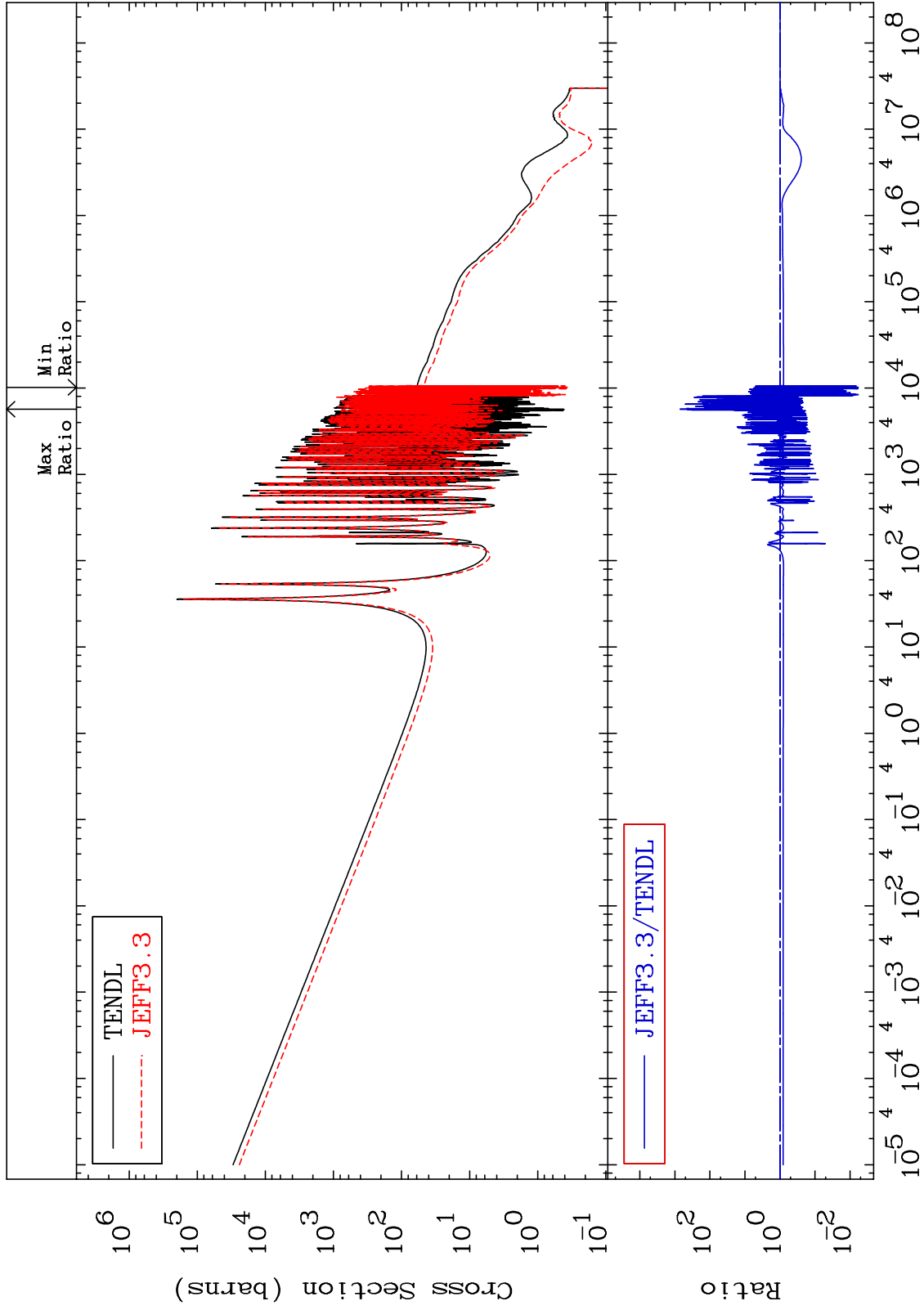
Incident Energy (eV)

35-Br-79

MAT 3525

Kerma capture (mt102)
Cross Section

35-Br-79
-99.42 To 9999. %



72

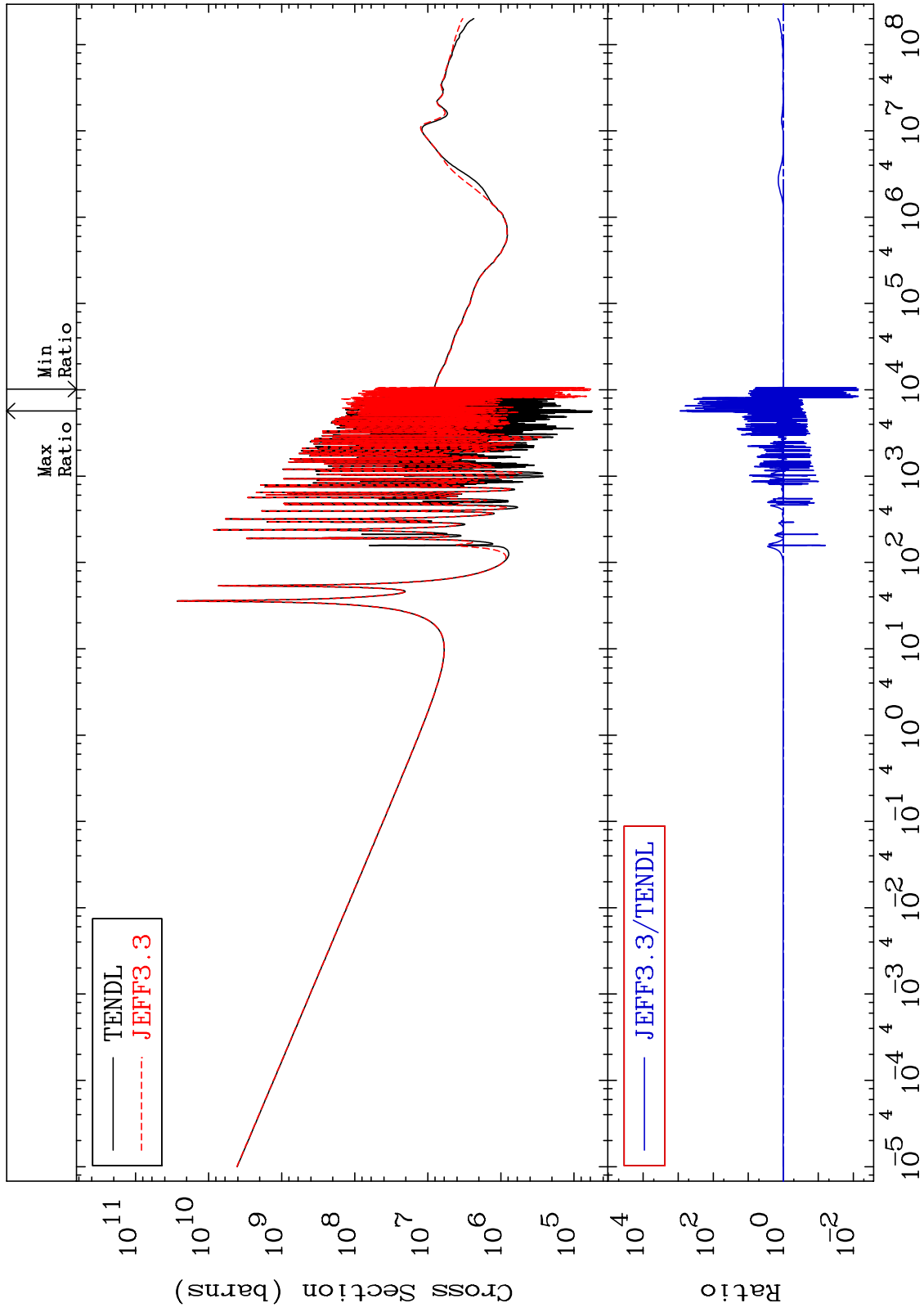
Incident Energy (eV)

35-Br-79

MAT 3525

Total photon (eV-barns)
Cross Section

35-Br-79
-99.28 To 9999. %



73

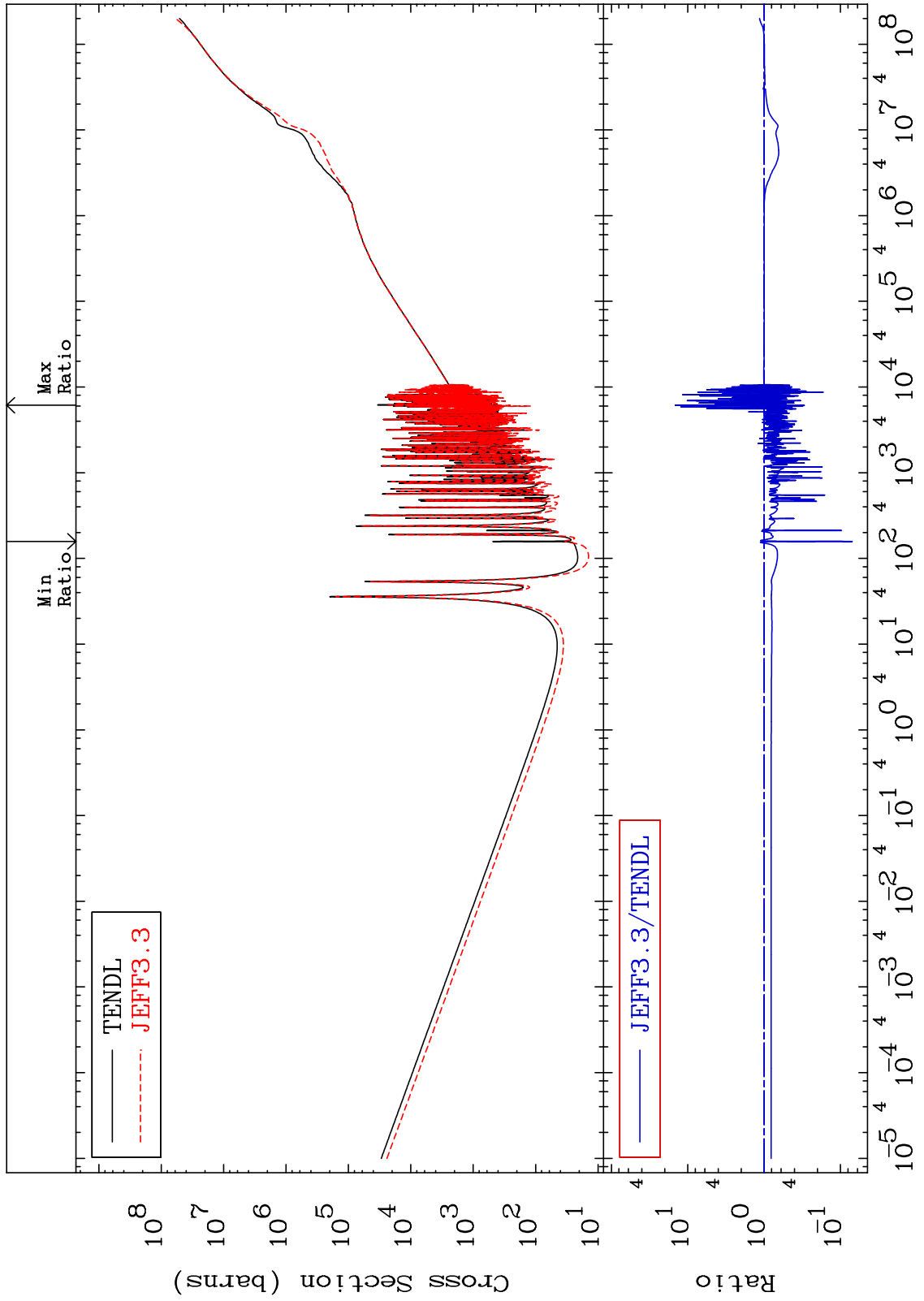
Incident Energy (eV)

35-Br-79

MAT 3525

Total kinematic kerma (high limit)
Cross Section

35-Br-79
-93.01 To 1362. %



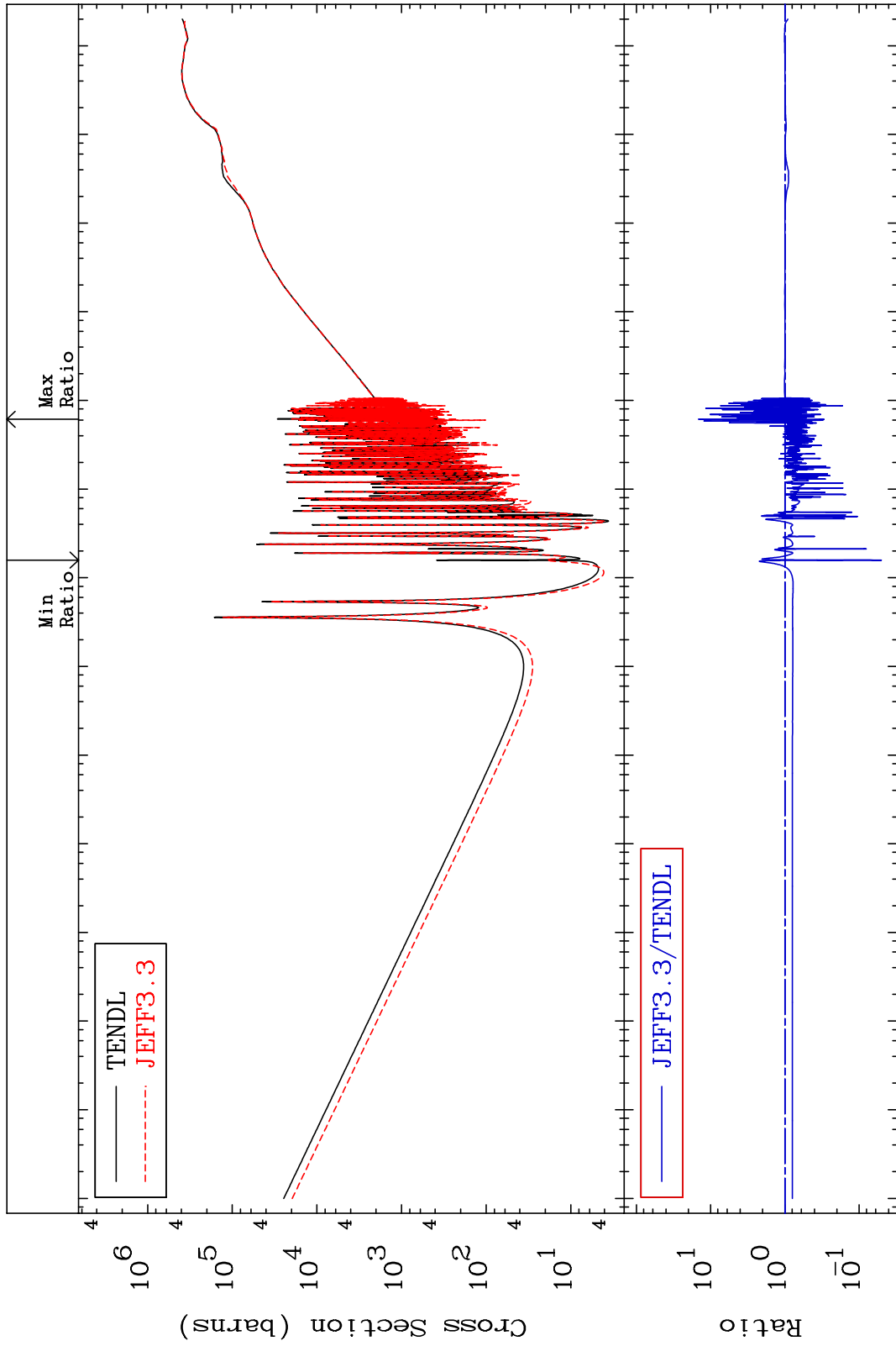
MAT 3525

Dpa total (eV-barns)

35-Br-79

-95.00 To 1365. %

Cross Section



75

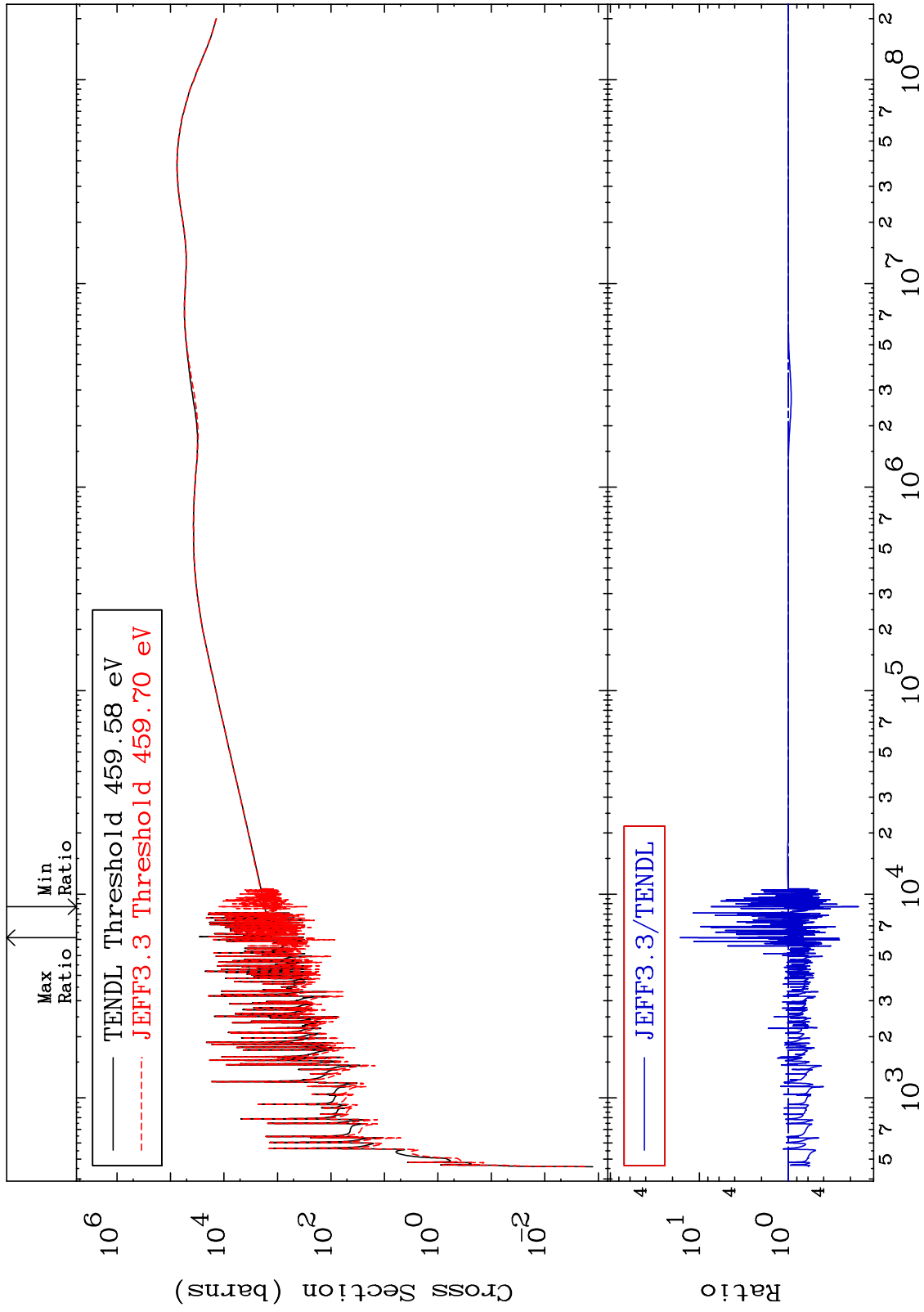
Incident Energy (eV)

35-Br-79

MAT 3525

Dpa elastic (mt2)
Cross Section

35-Br-79
-83.70 To 1548. %



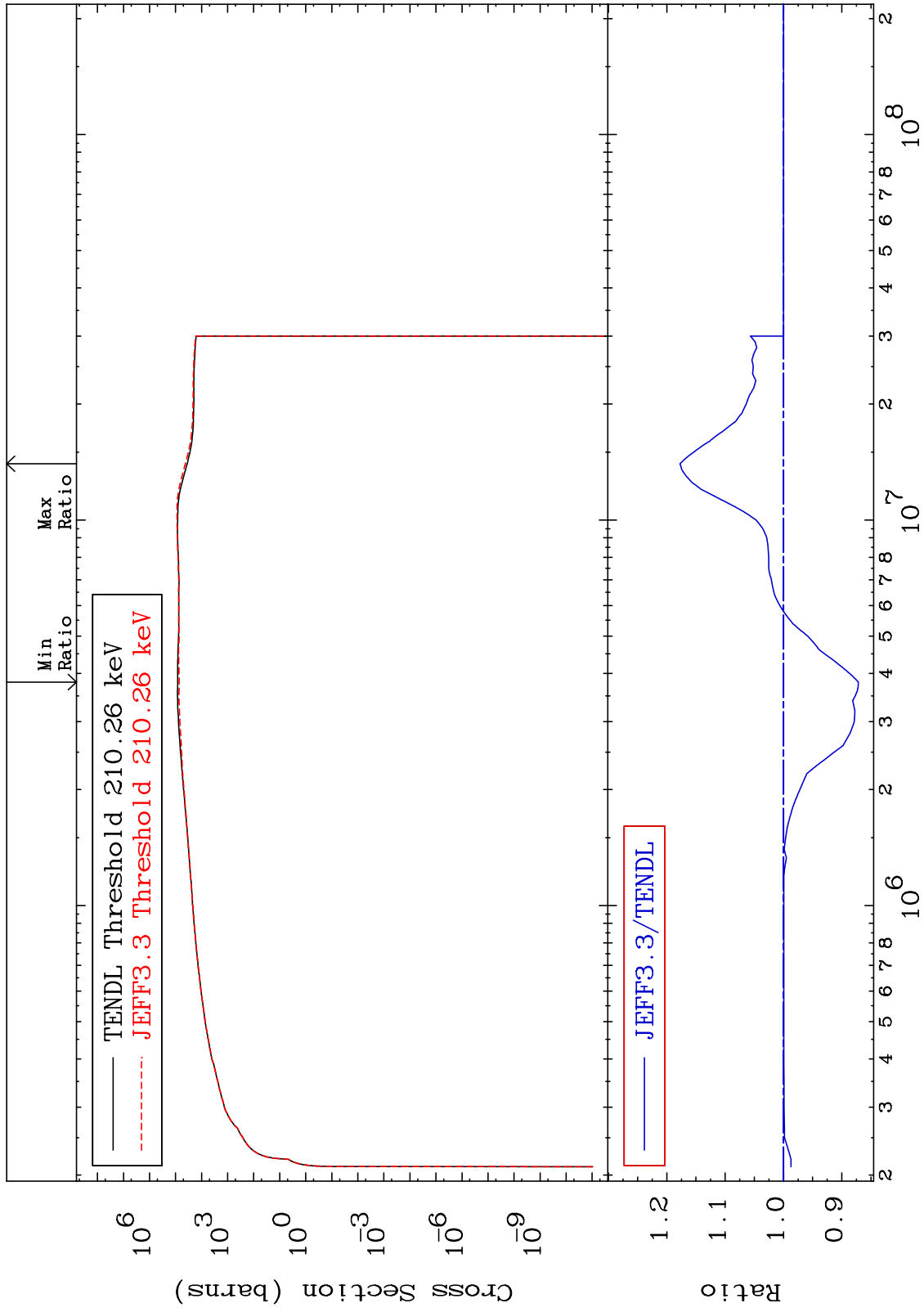
MAT 3525

Dpa inelastic (mt51-91)

35-Br-79

-12.84 To 17.73 %

Cross Section



77

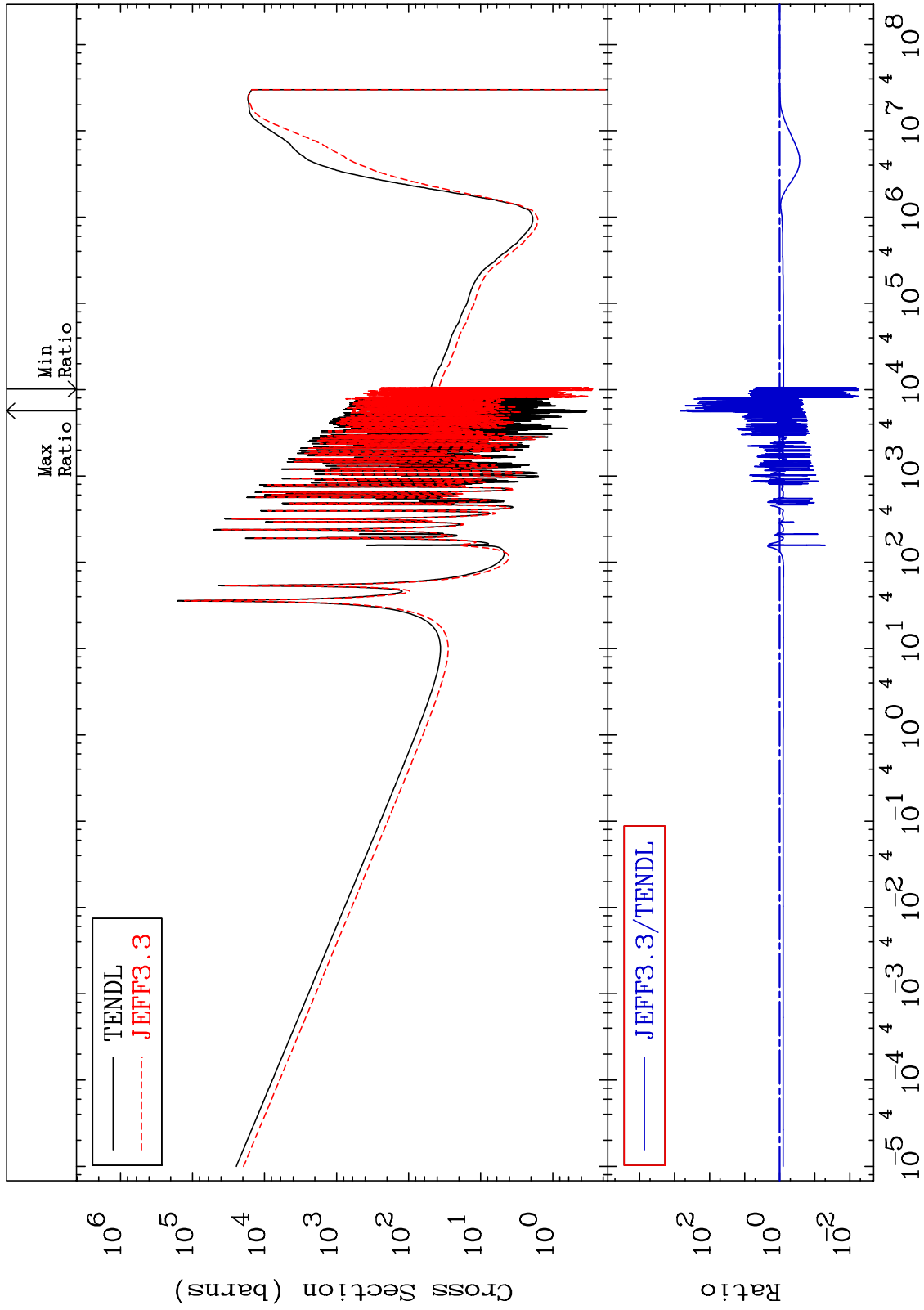
Incident Energy (eV)

35-Br-79

MAT 3525

Dpa disappearance (mt102 -120)
Cross Section

35-Br-79
-99.43 To 9999. %



78

Incident Energy (eV)

35-Br-79

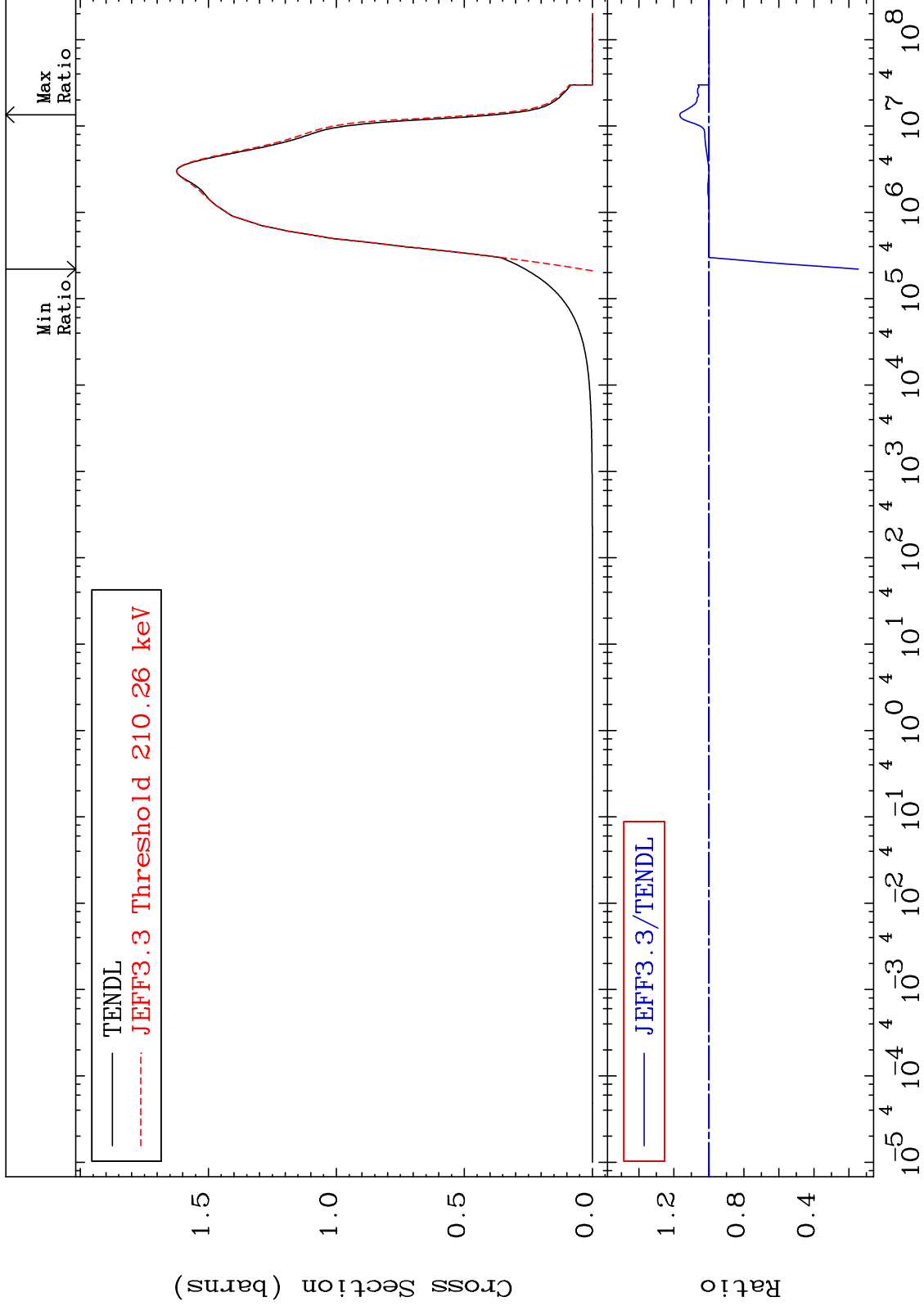
MAT 3525

Inelastic: 35-Br-79g

35-Br-79

Radionuclide Production Cross Section

-85.39 To 16.62 %



79

Incident Energy (eV)

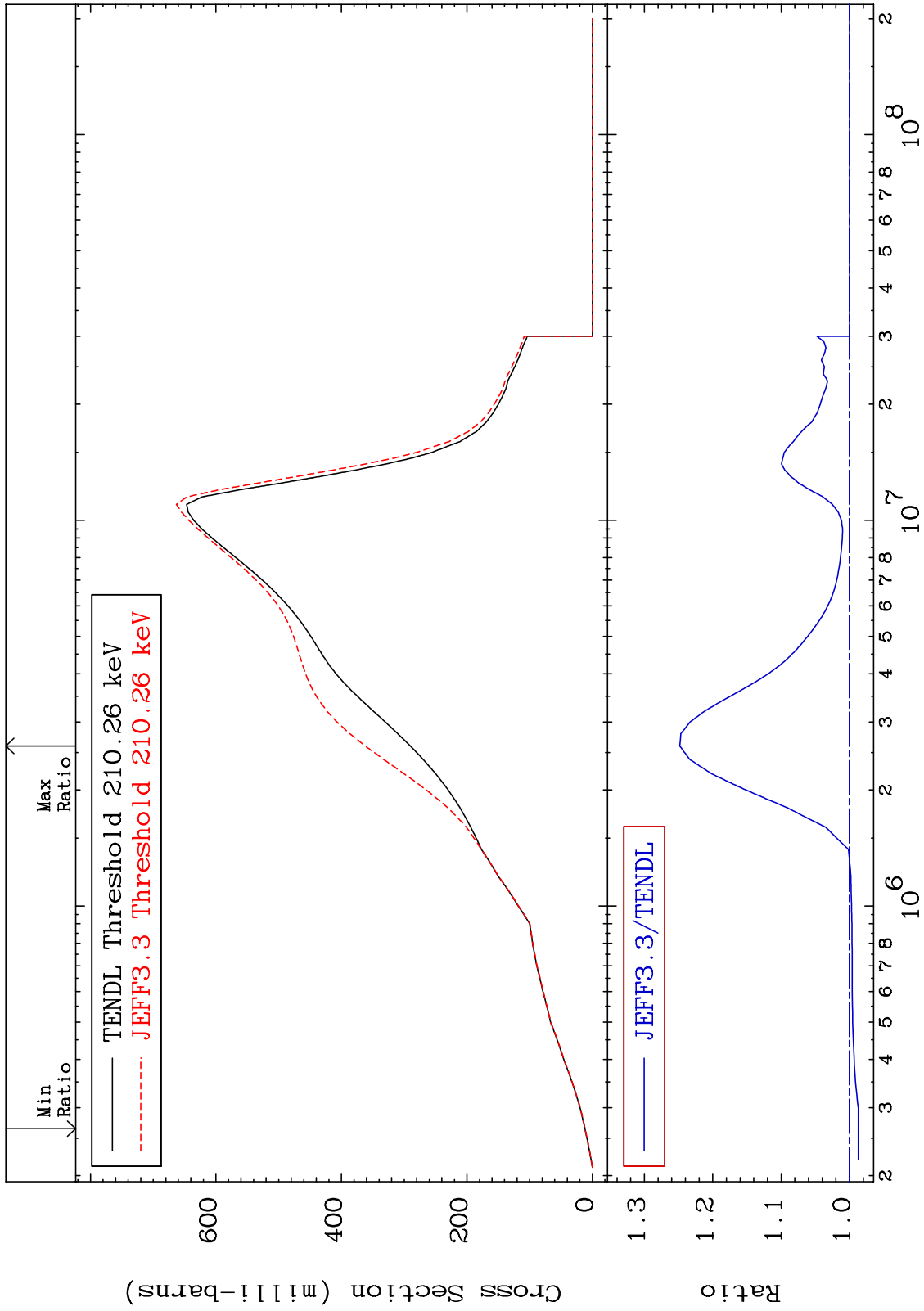
35-Br-79

MAT 3525

Inelastic: 35-Br-79m1

35-Br-79

Radionuclide Production Cross Section -1.285 To 24.82 %



80

Incident Energy (eV)

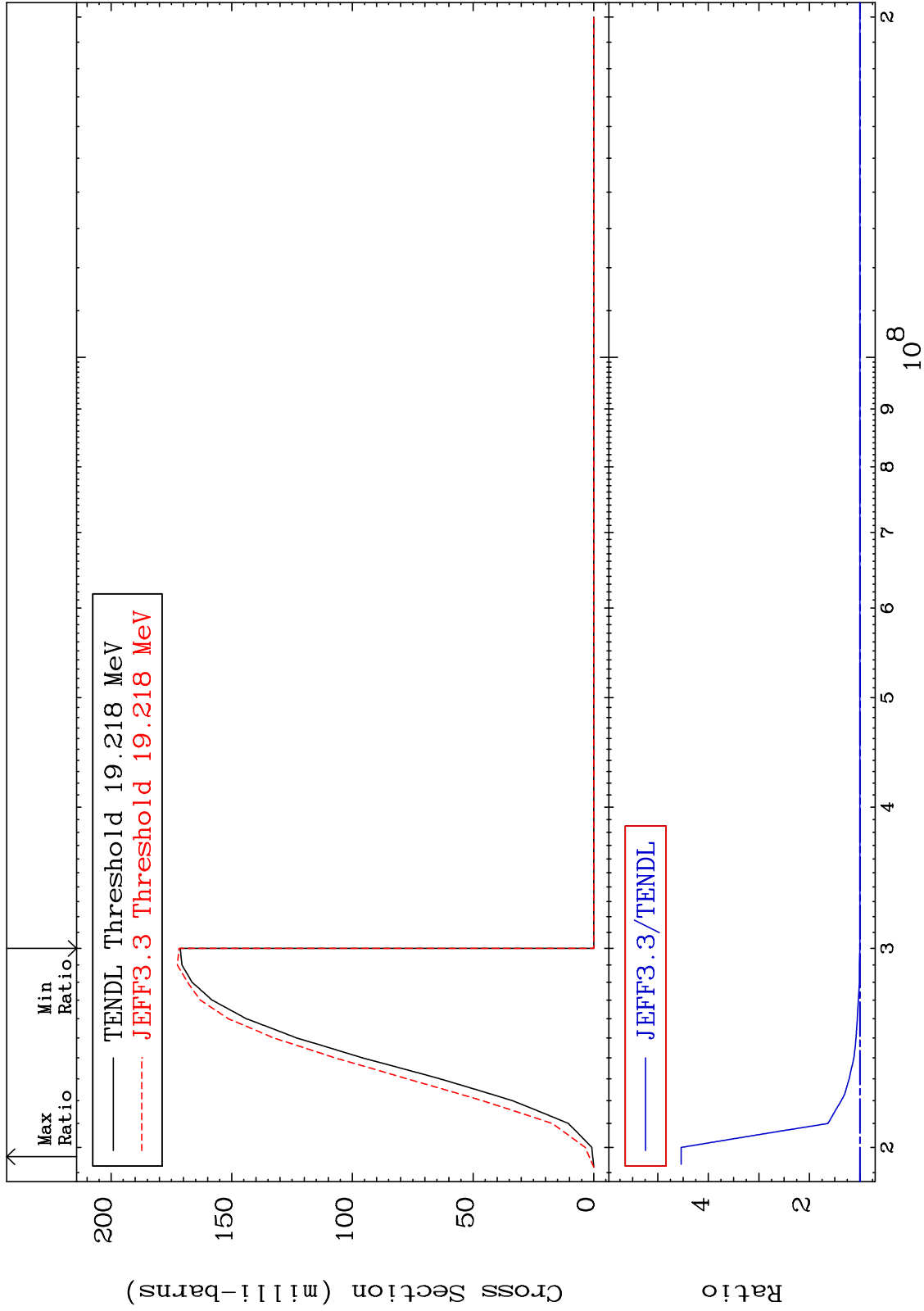
35-Br-79

MAT 3525

35-Br-79

(n,3n):35-Br-77g

Radionuclide Production Cross Section 0.000 To 353.7 %

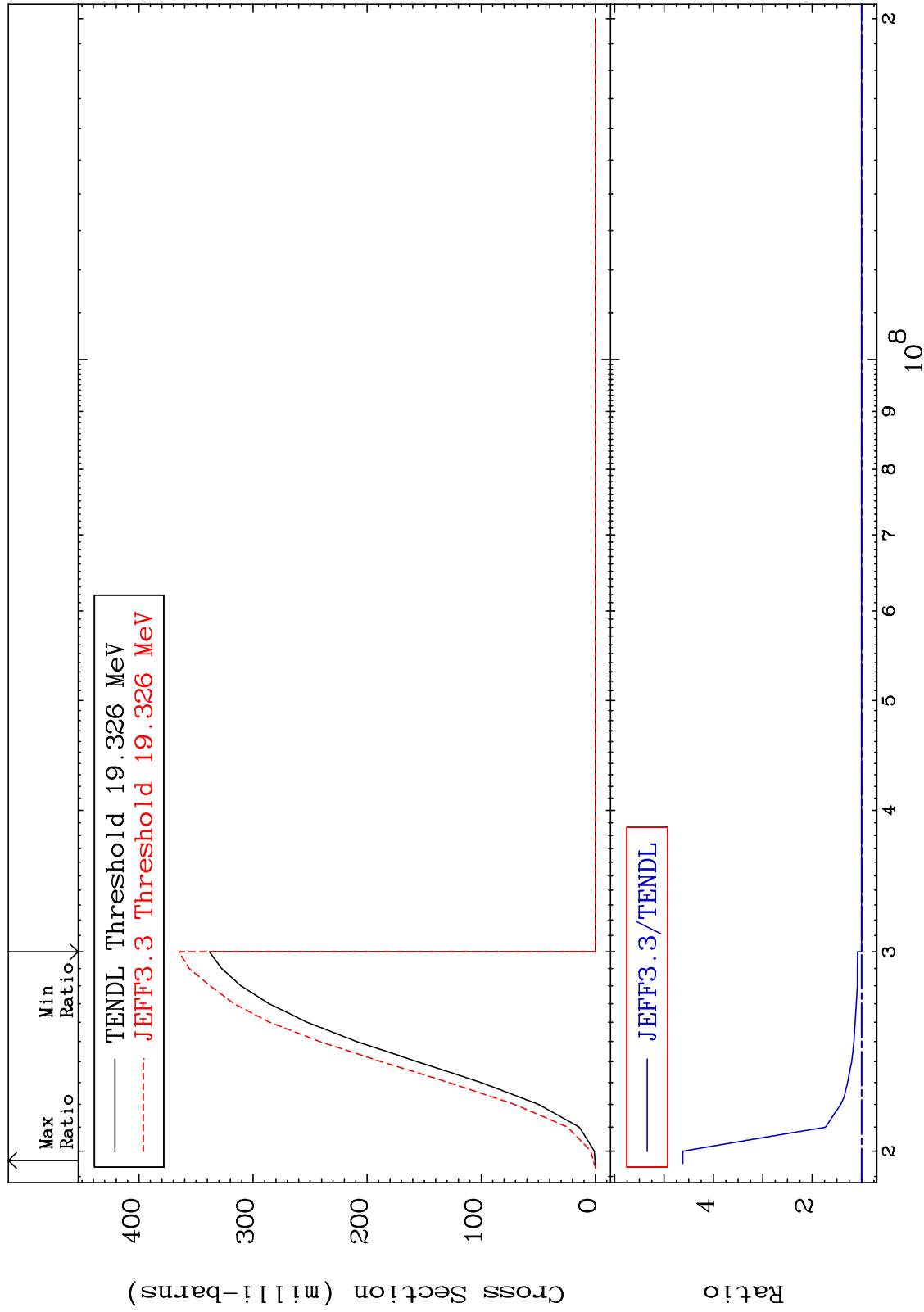


MAT 3525

(n,3n):35-Br-77m1

35-Br-79

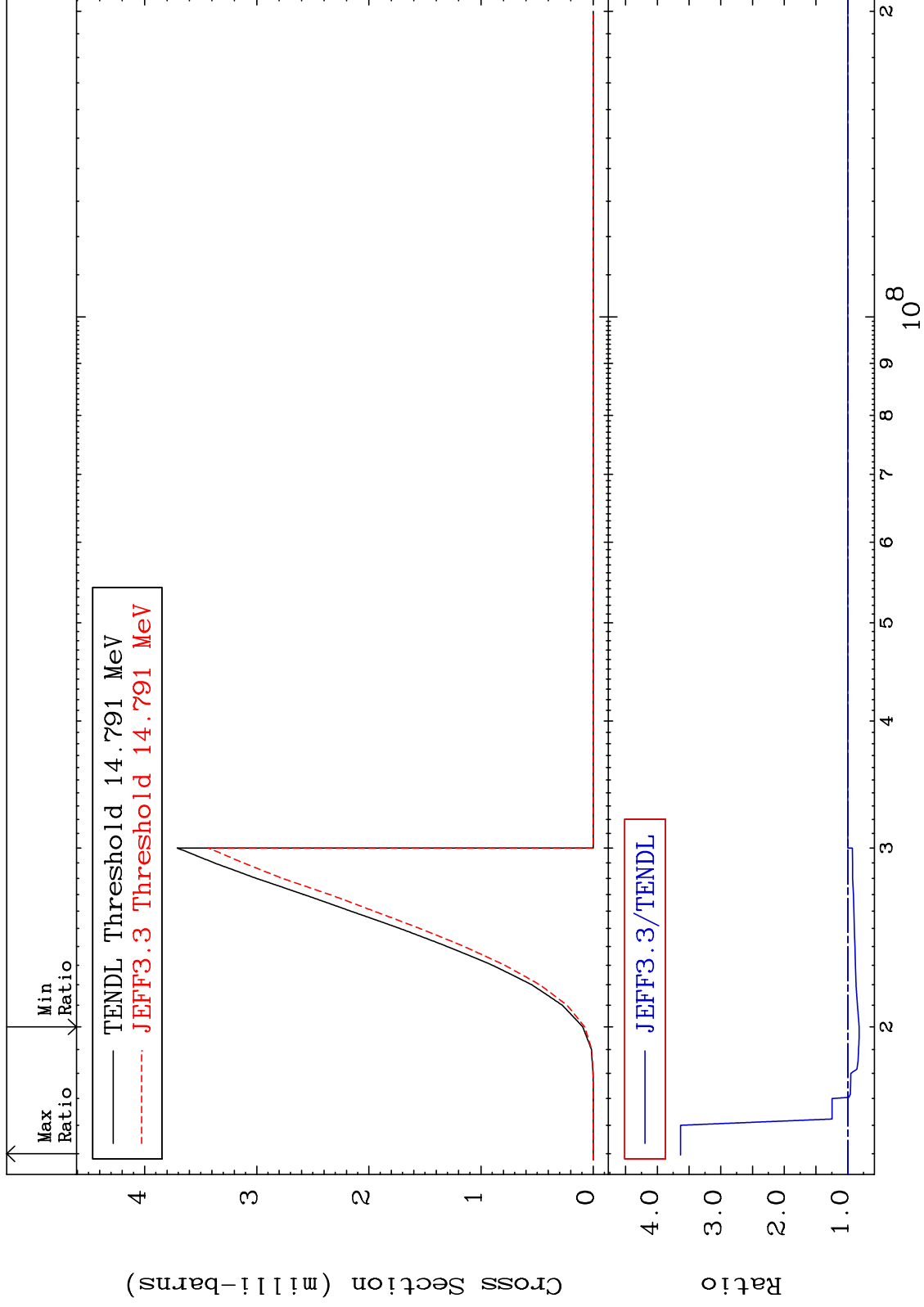
Radionuclide Production Cross Section 0.000 To 362.0 %



82

Incident Energy (eV)

35-Br-79

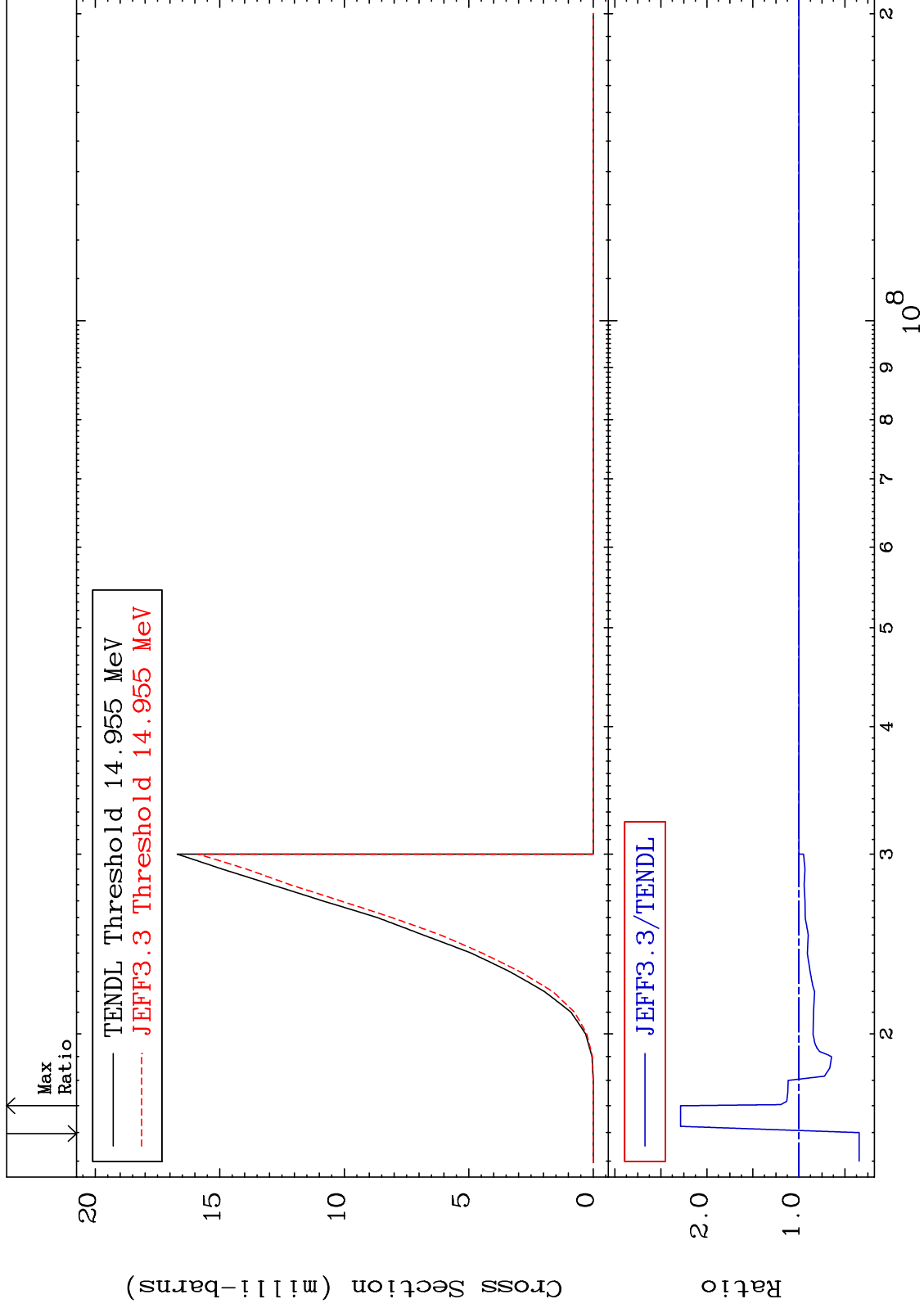


MAT 3525

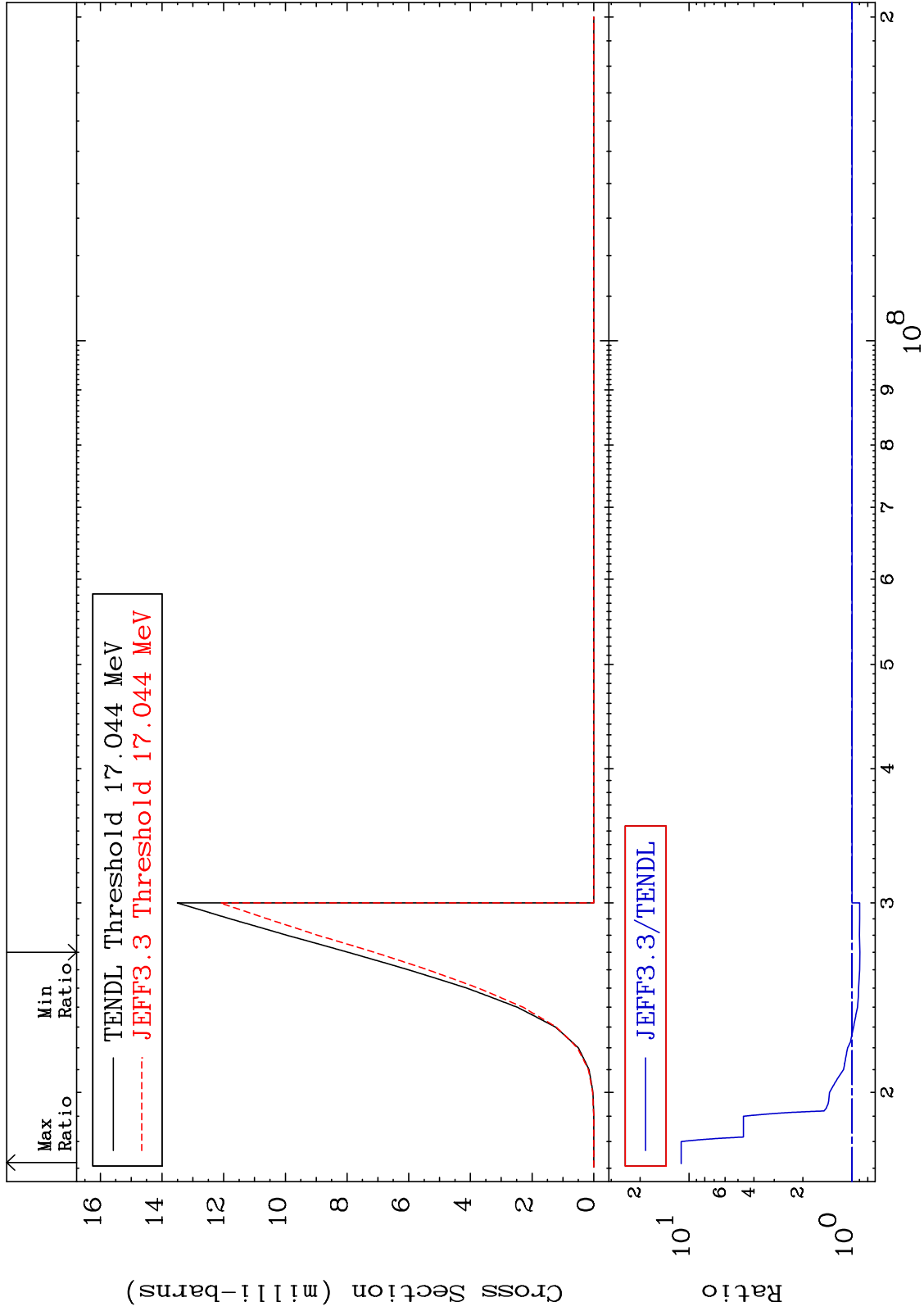
(n, n') d:34-Se-77m1

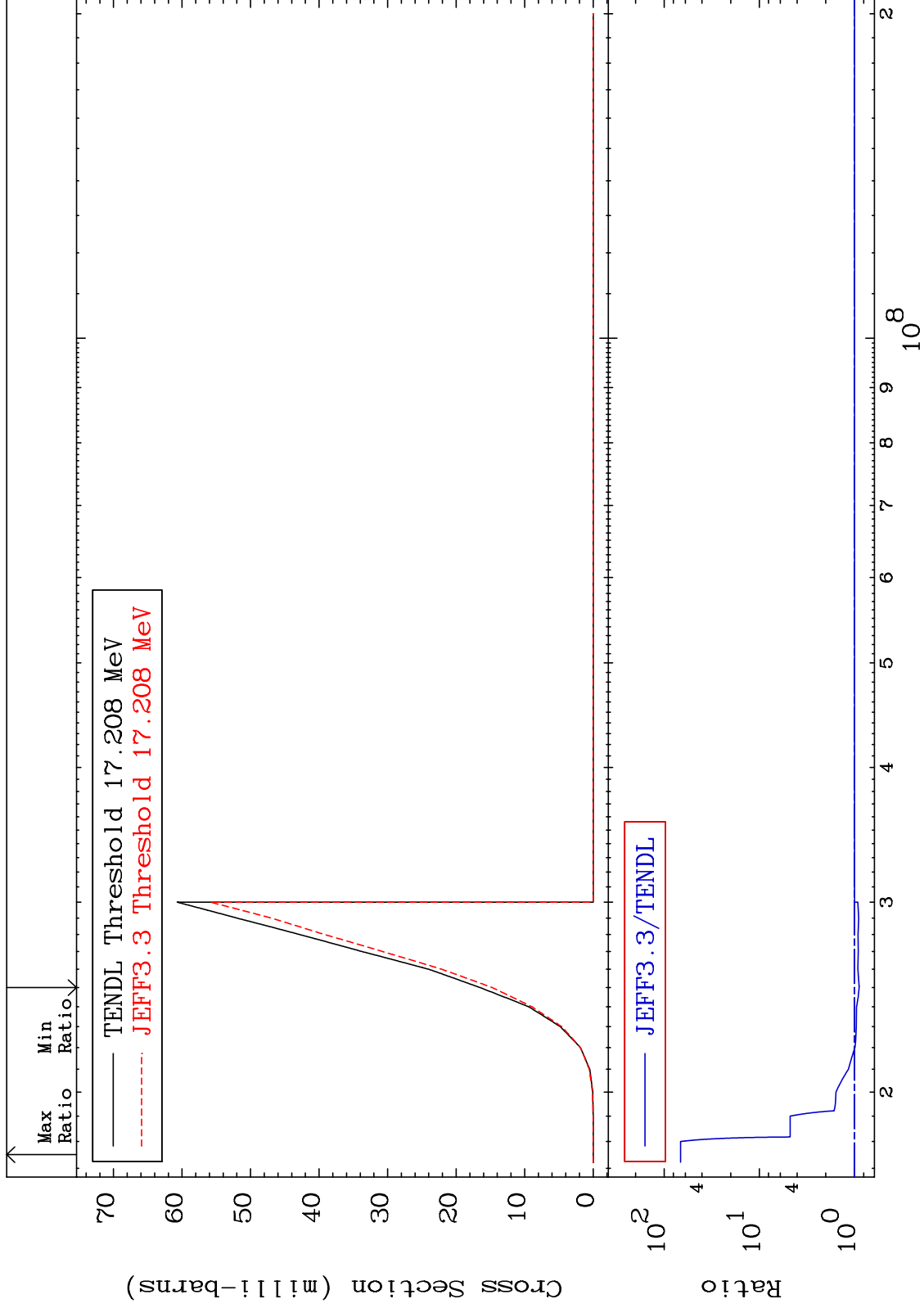
35-Br-79

Radionuclide Production Cross Section -65.49 To 128.5 %



Radionuclide Production Cross Section -10.70 To 1016. %



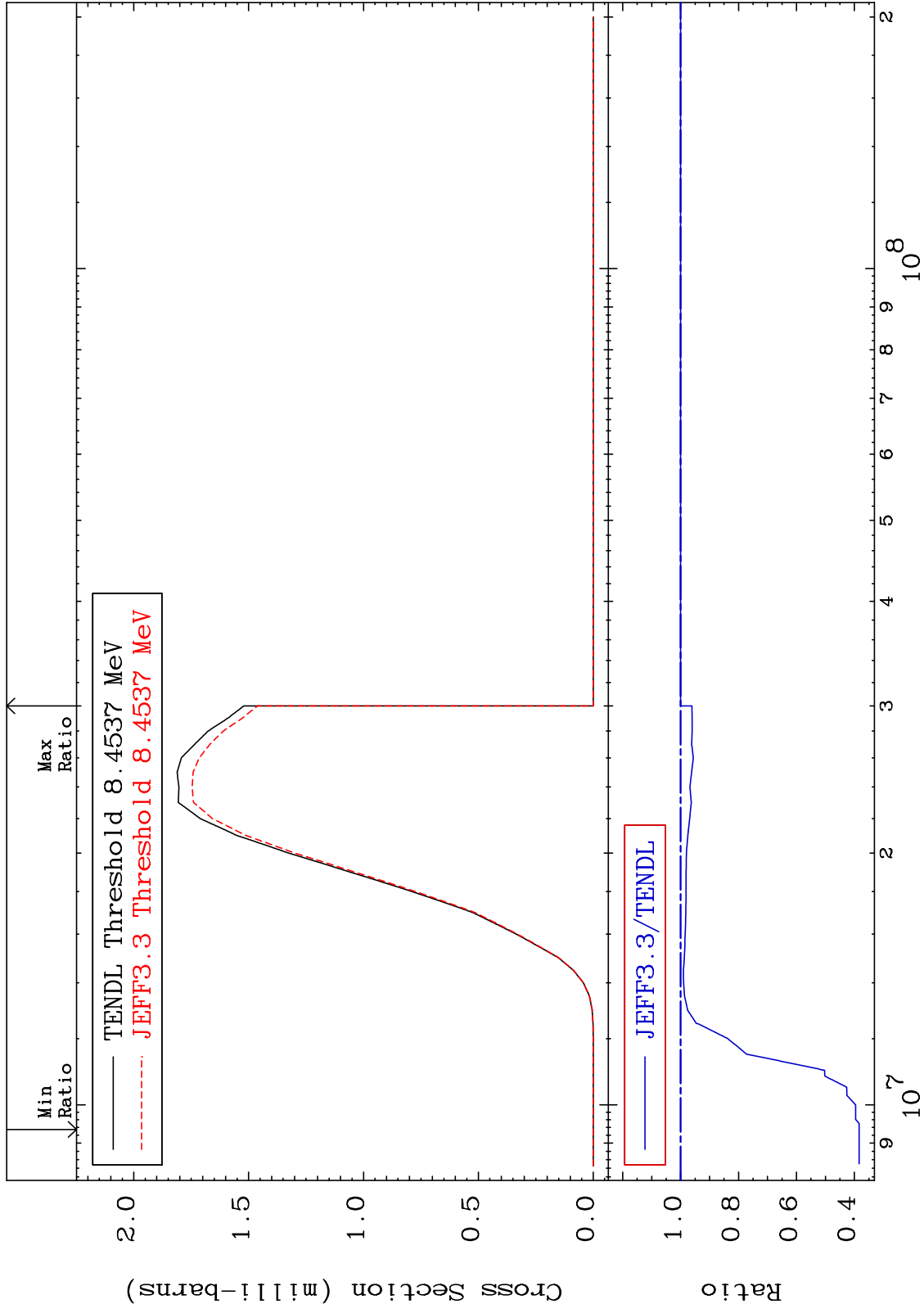


MAT 3525

(n, t) : 34-Se-77g

35-Br-79

Radionuclide Production Cross Section -61.65 To 0.000 %



87

Incident Energy (eV)

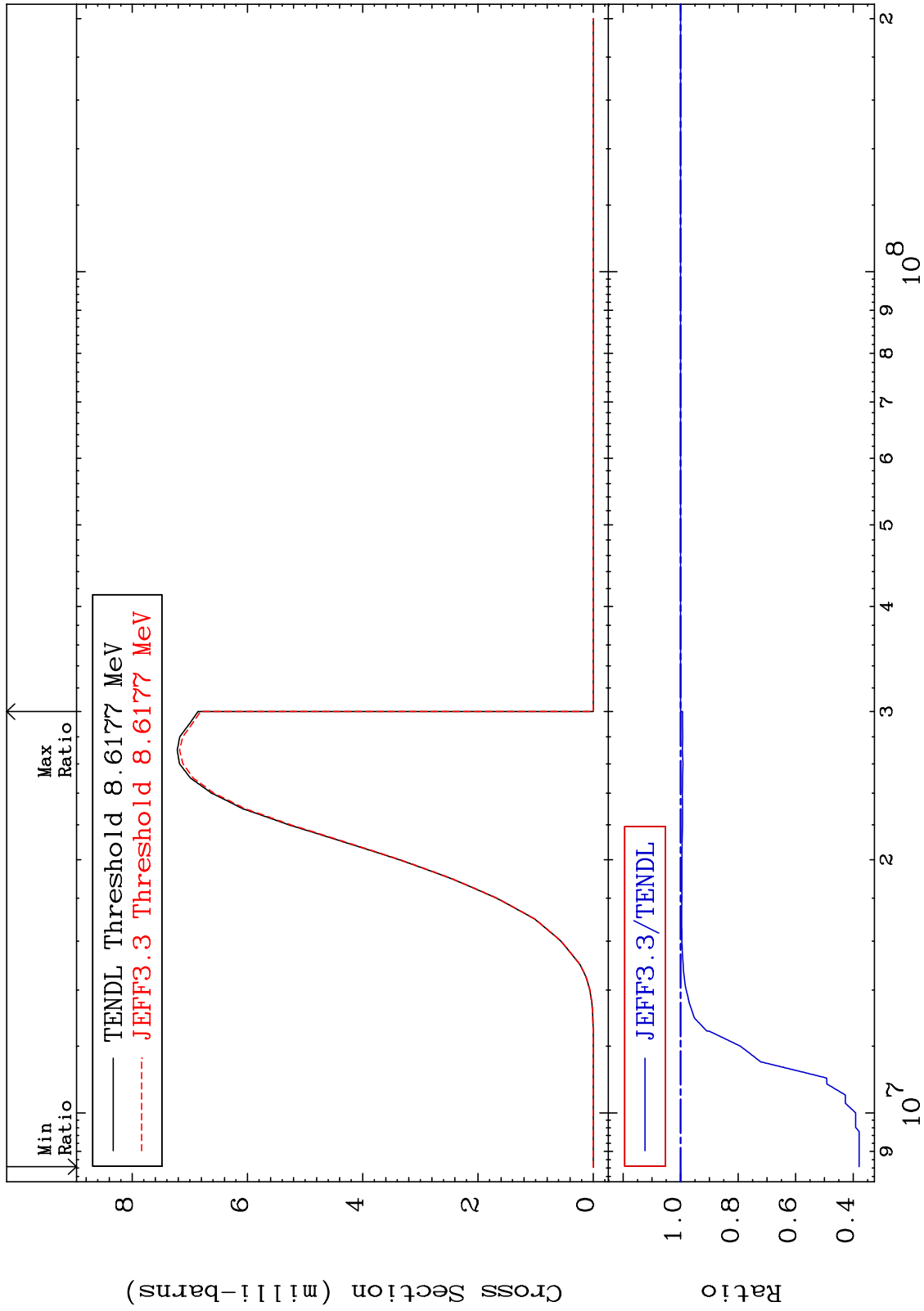
35-Br-79

MAT 3525

(n, t):34-Se-77m1

35-Br-79

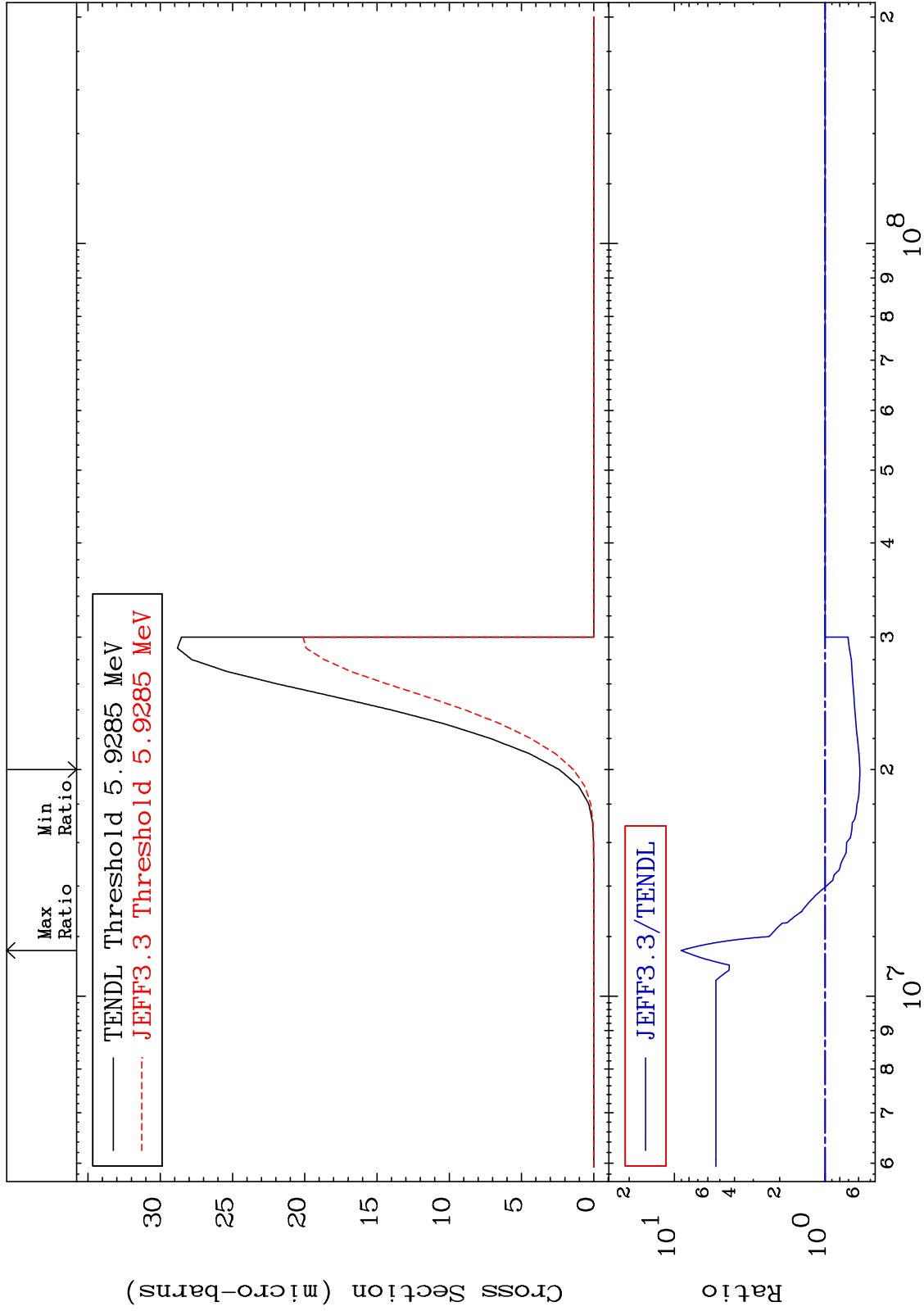
Radionuclide Production Cross Section -62.07 To 0.000 %



88

Incident Energy (eV)

35-Br-79

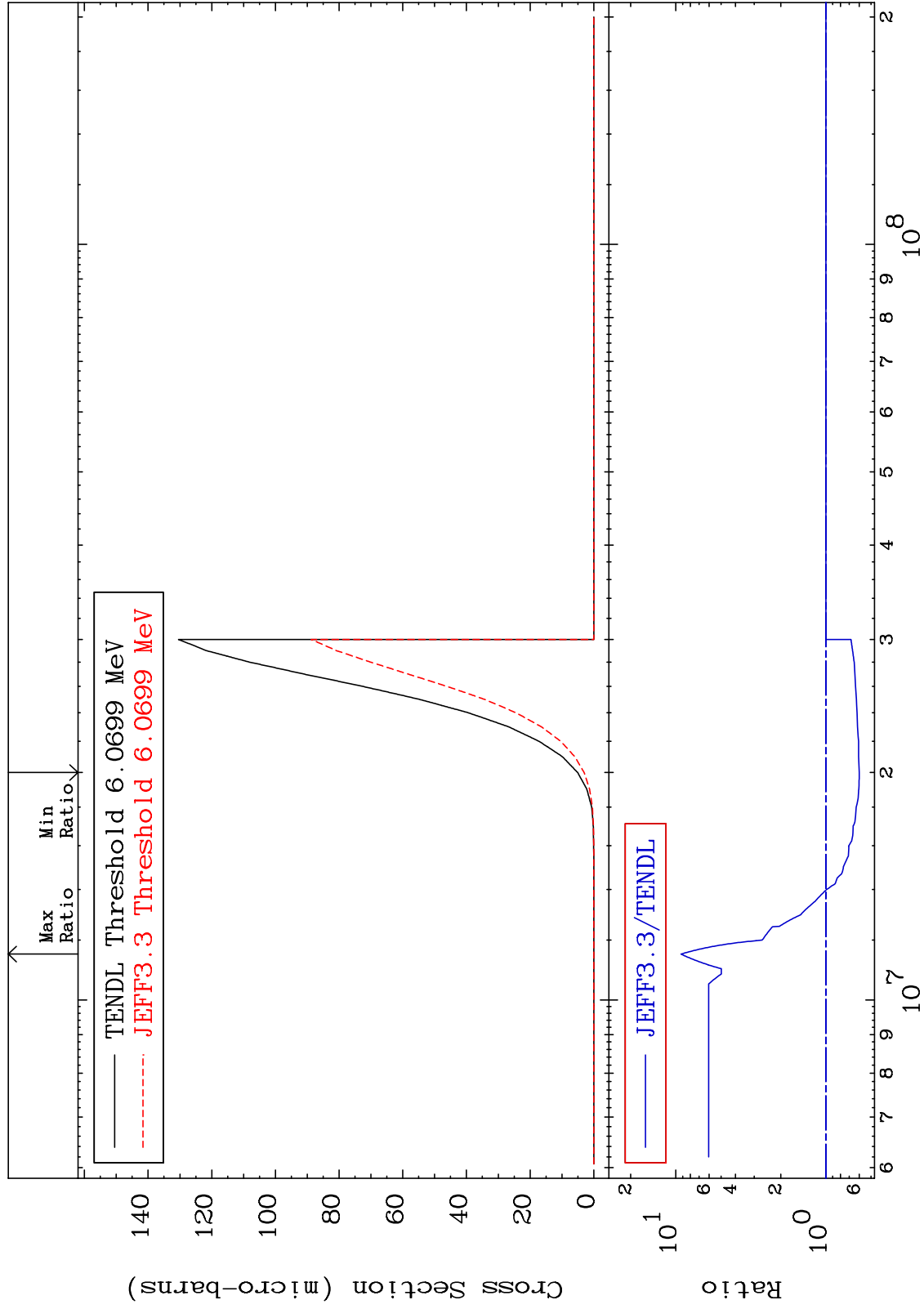


MAT 3525

(n, p) α : 32-Ge-75m2

35-Br-79

Radionuclide Production Cross Section -40.10 To 823.0 %



90

Incident Energy (eV)

35-Br-79