

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

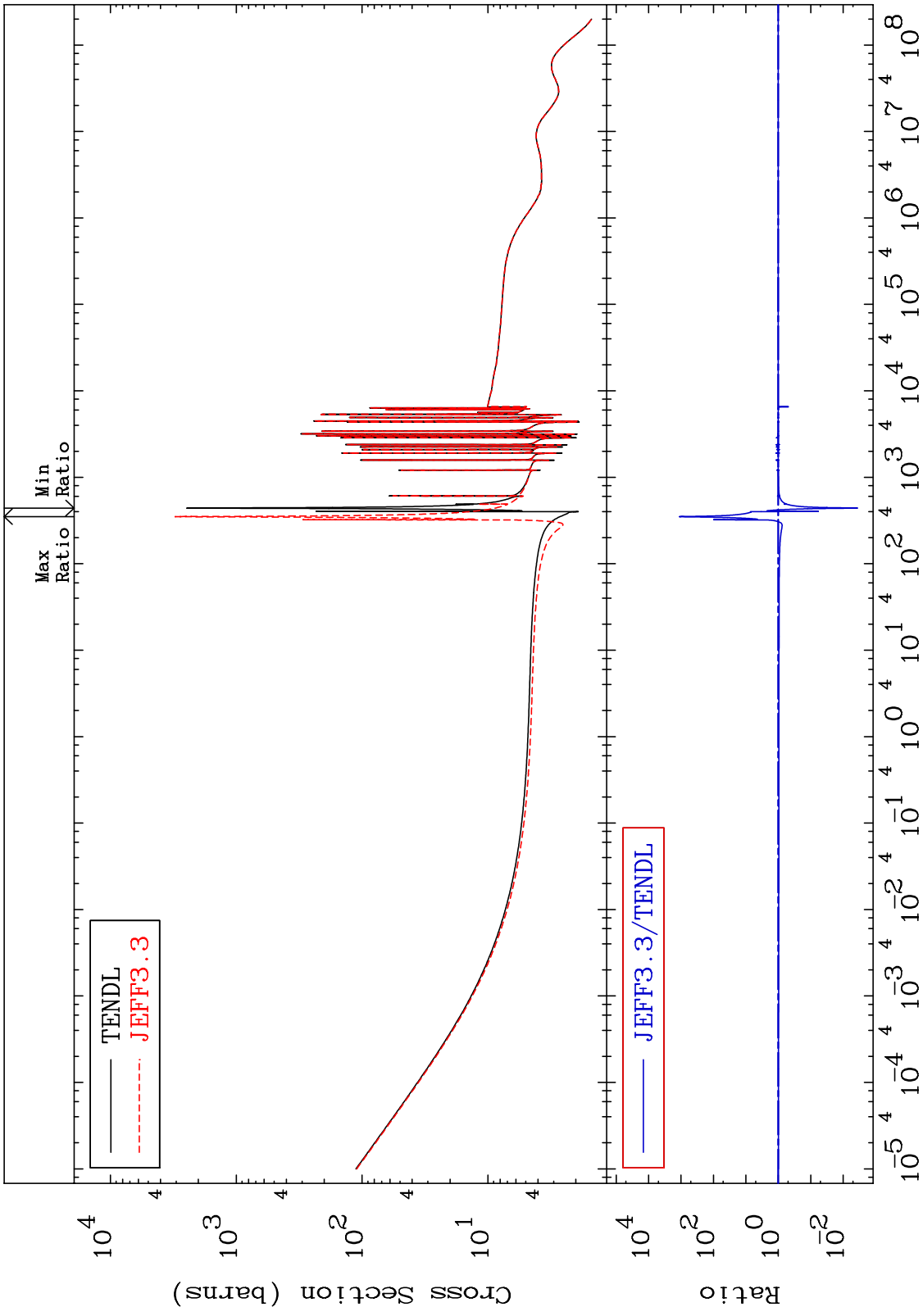
MAT 3646

Total

36-Kr-85

Cross Section

-99.65 To 9999. %



Max Ratio

Min Ratio

TENDL

JEFF3.3

JEFF3.3/TENDL

Incident Energy (eV)

36-Kr-85

1

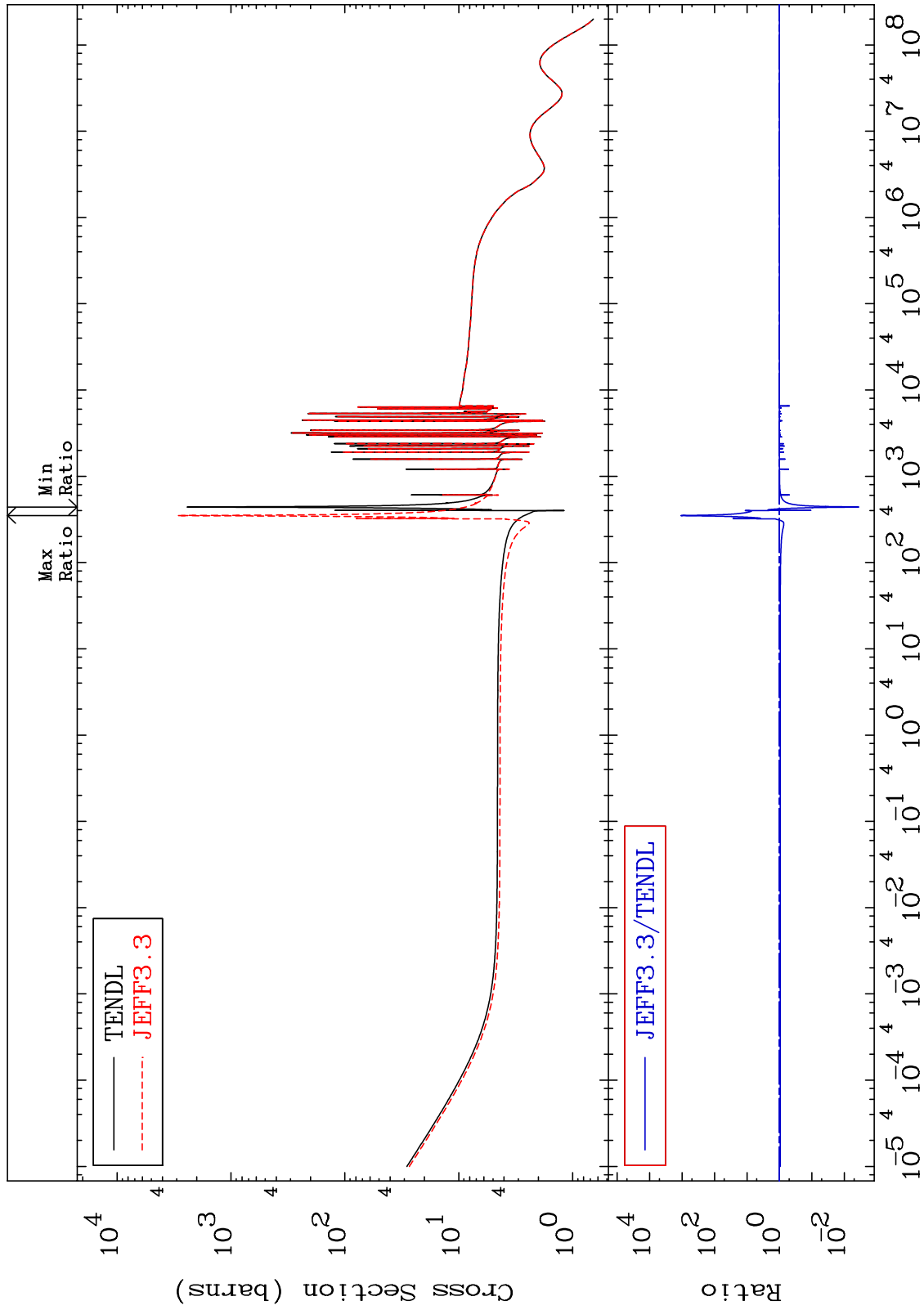
MAT 3646

Elastic

36-Kr-85

Cross Section

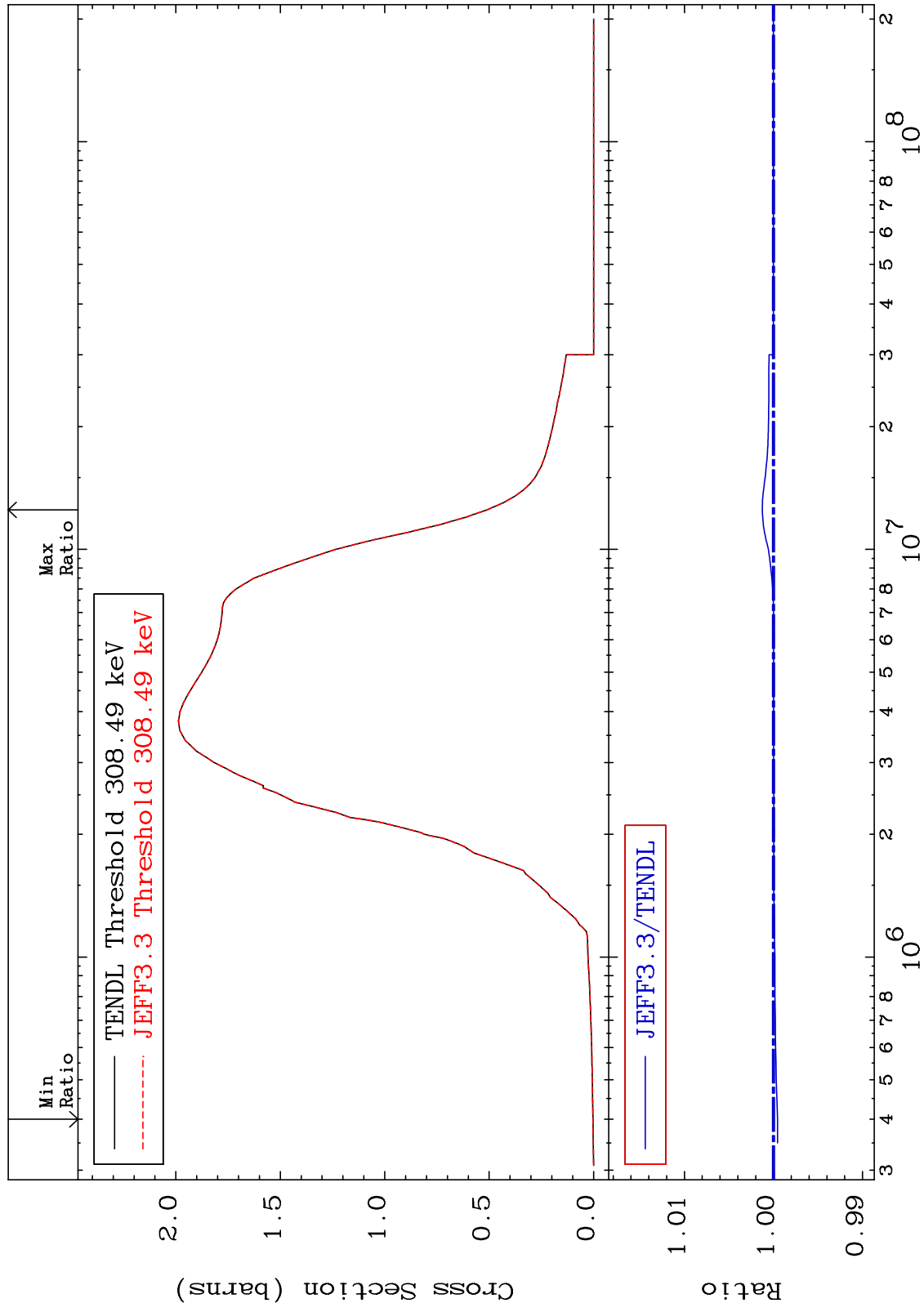
-99.64 To 9999. %



2

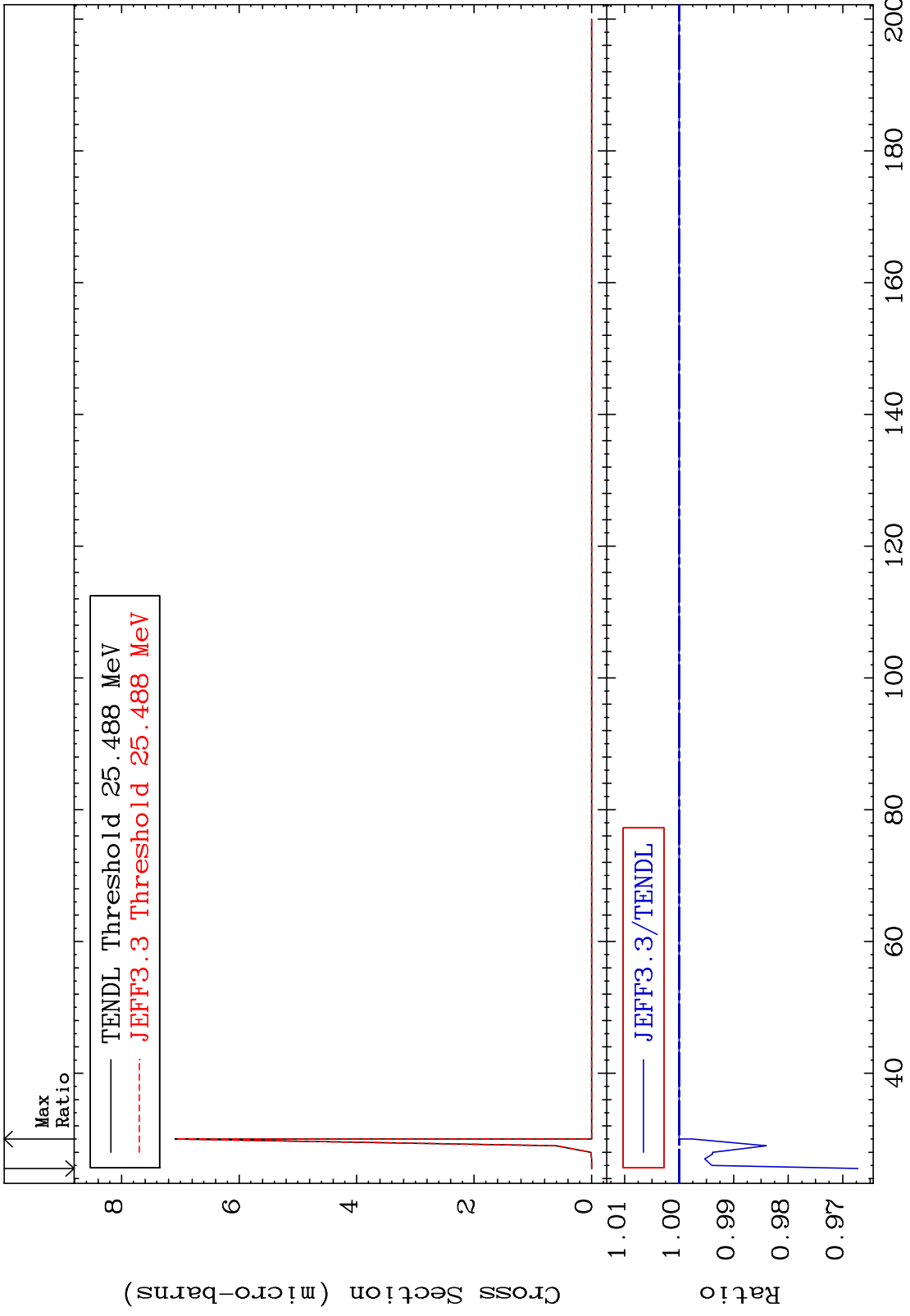
36-Kr-85

MAT 3646 Inelastic Cross Section 36-Kr-85 -0.046 To 0.125 %

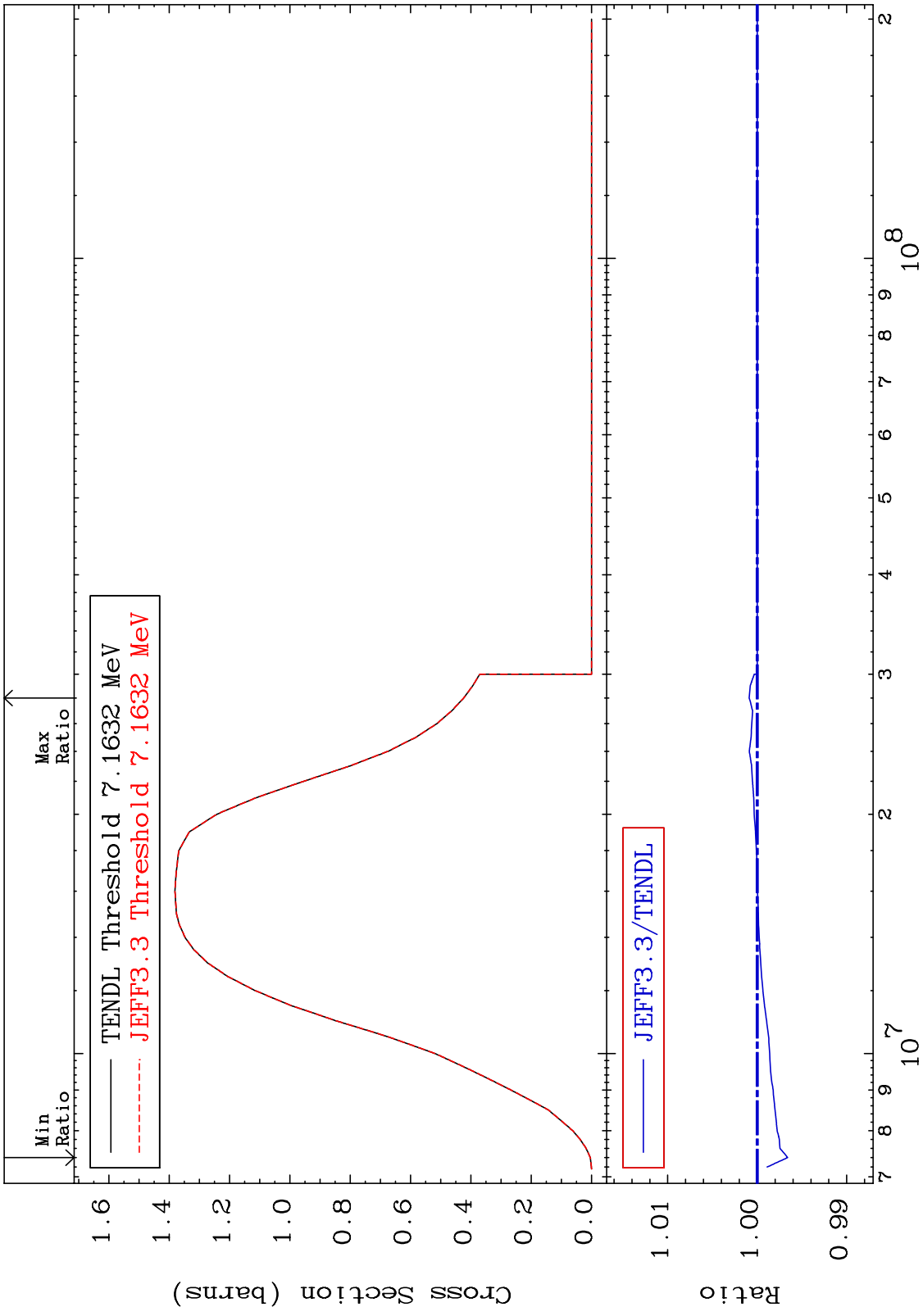


3 36-Kr-85

MAT 3646 (n,2n) d 36-Kr-85
Cross Section -3.278 To 0.000 %

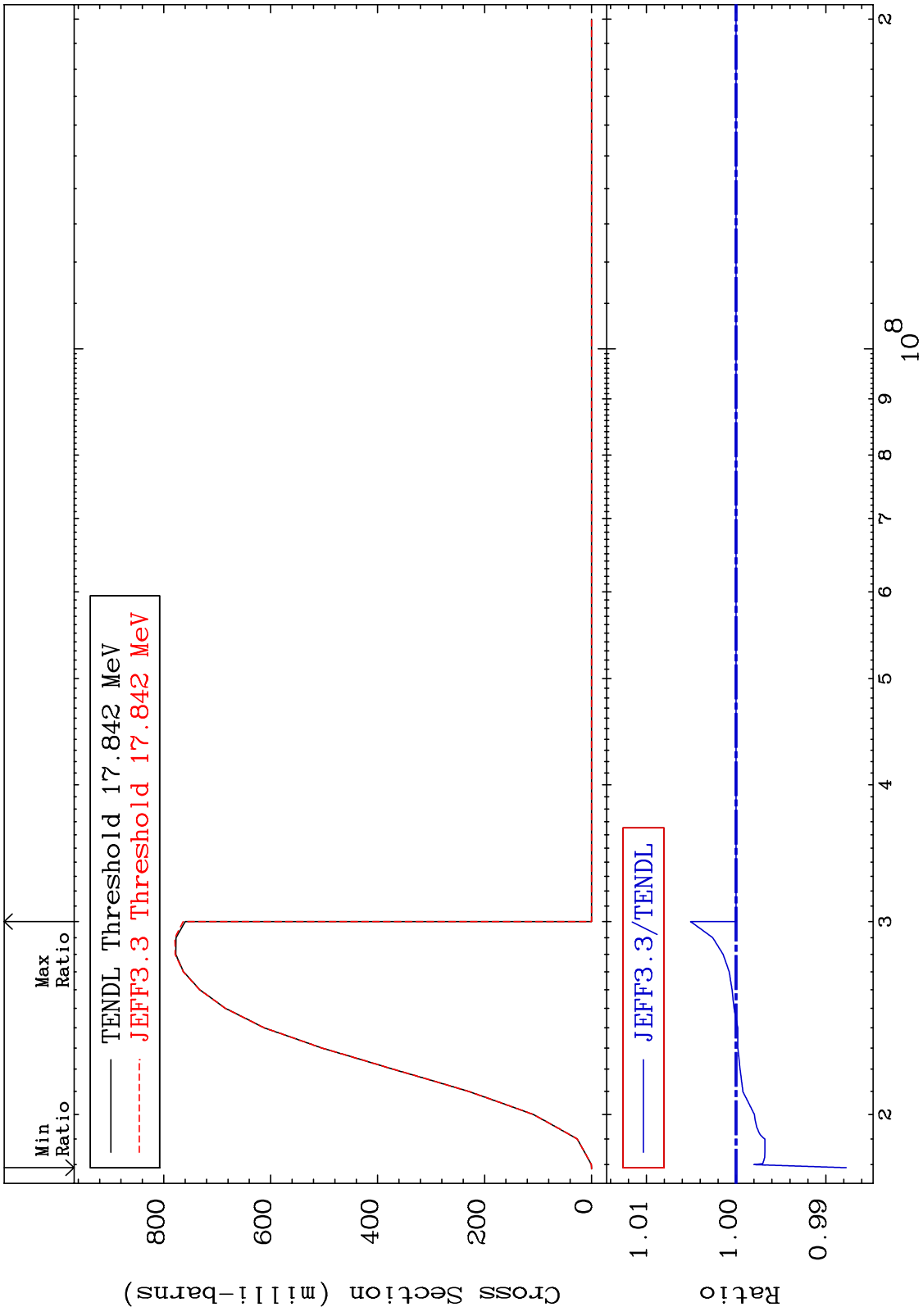


MAT 3646 $^{36}\text{Kr-85}$ $(n,2n)$ Cross Section -0.340 To 0.089 %



36-Kr-85

MAT 3646 $(n, 3n)$ Cross Section $^{36}\text{Kr-85}$
 -1.228 To 0.507 %



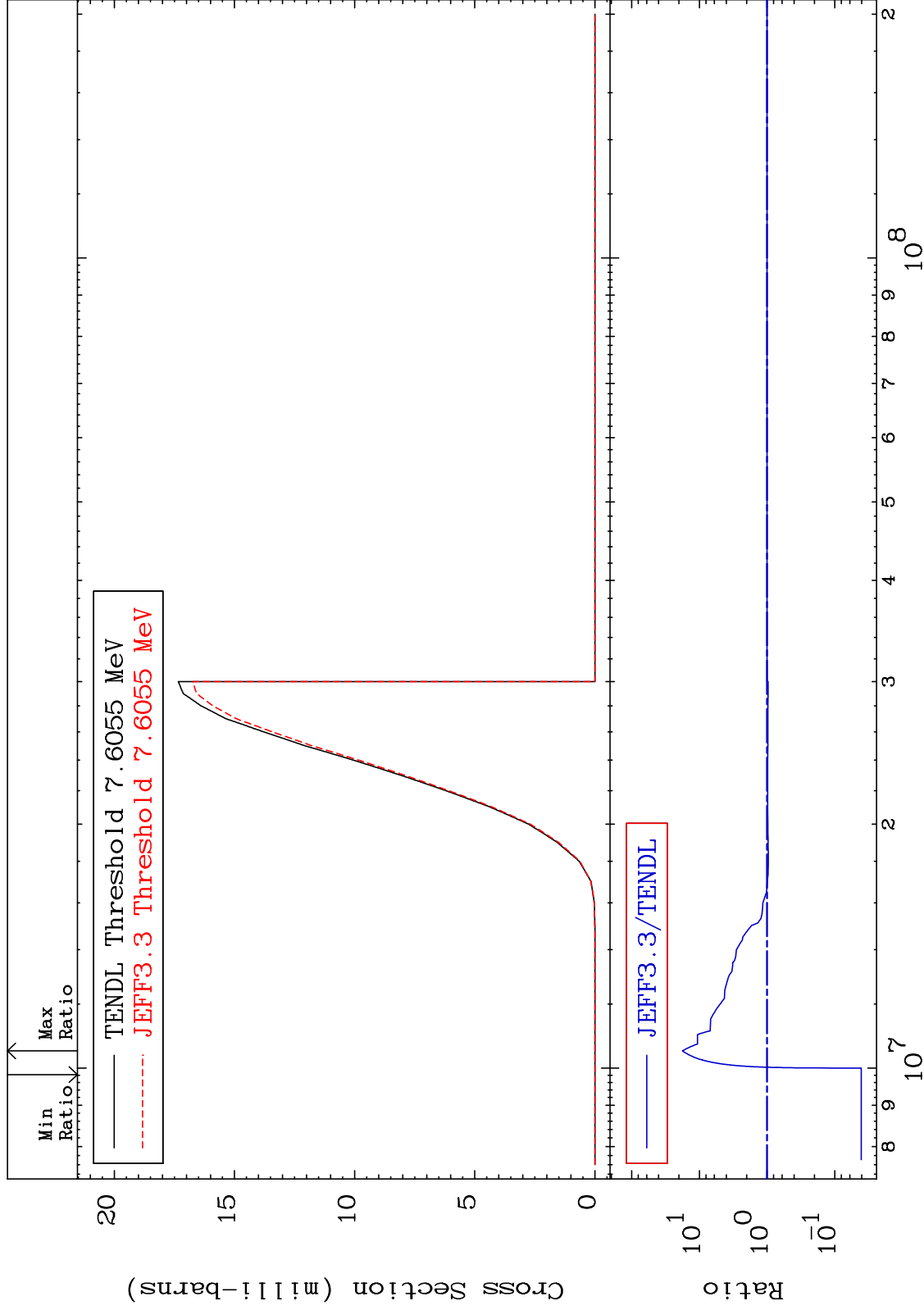
MAT 3646

(n, n') α

36-Kr-85

Cross Section

-95.94 To 1678. %

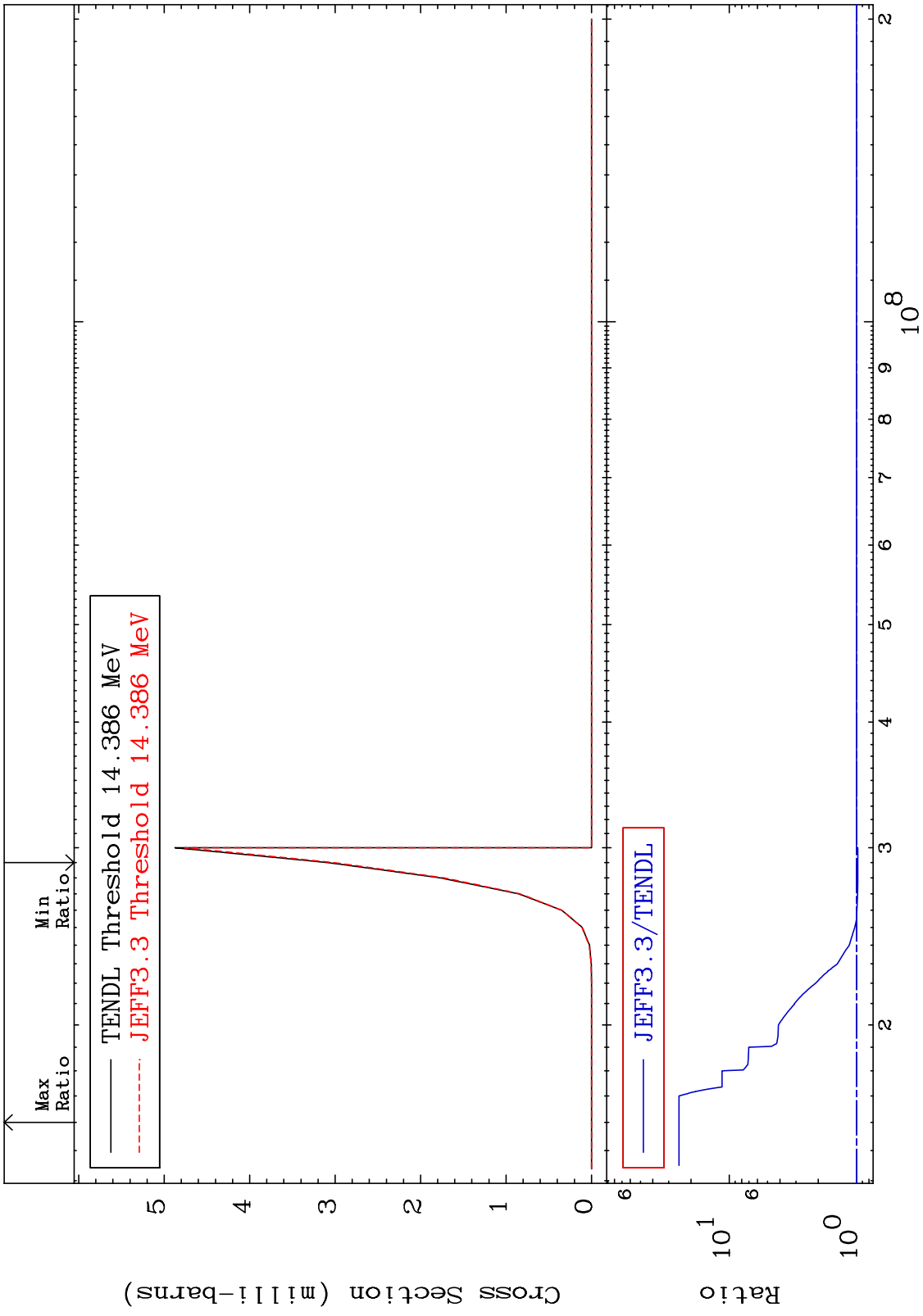


7

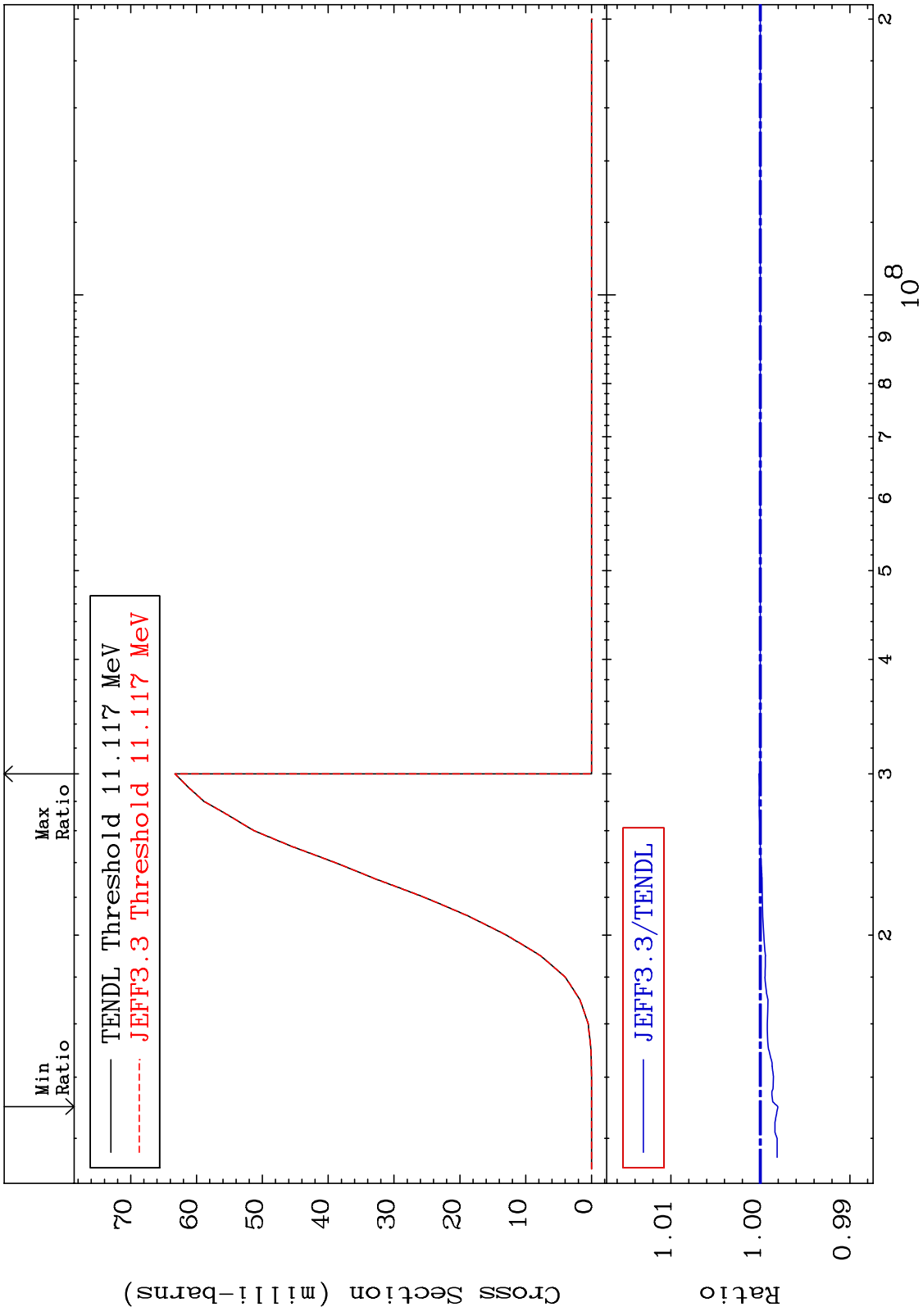
Incident Energy (eV)

36-Kr-85

MAT 3646 $(n, 2n) \alpha$ 36-Kr-85
 Cross Section -2.339 To 2384. %



MAT 3646 (n, n') p $^{36}\text{Kr-85}$
 Cross Section -0.196 To 0.015 %



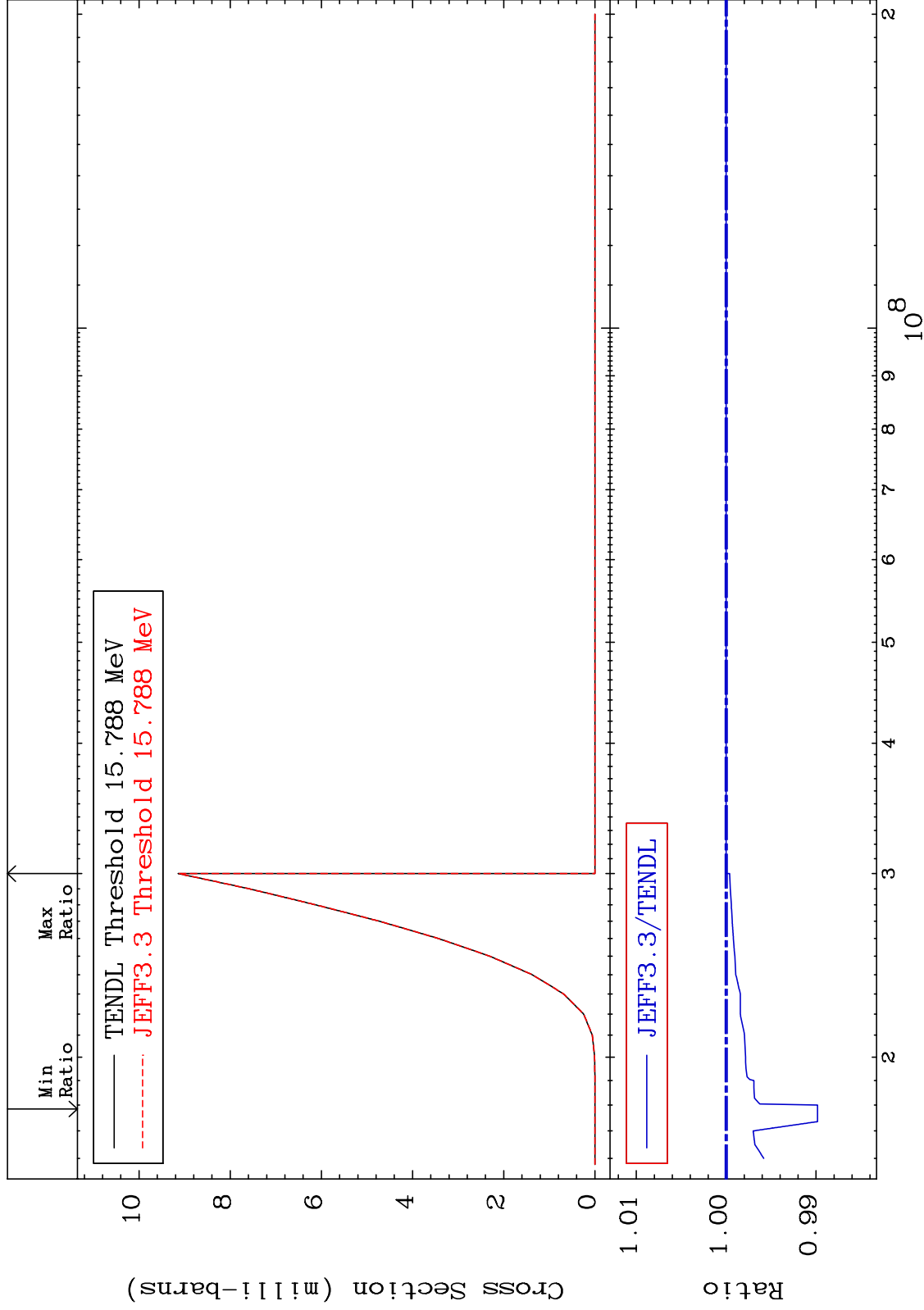
MAT 3646

(n, n') d

36-Kr-85

Cross Section

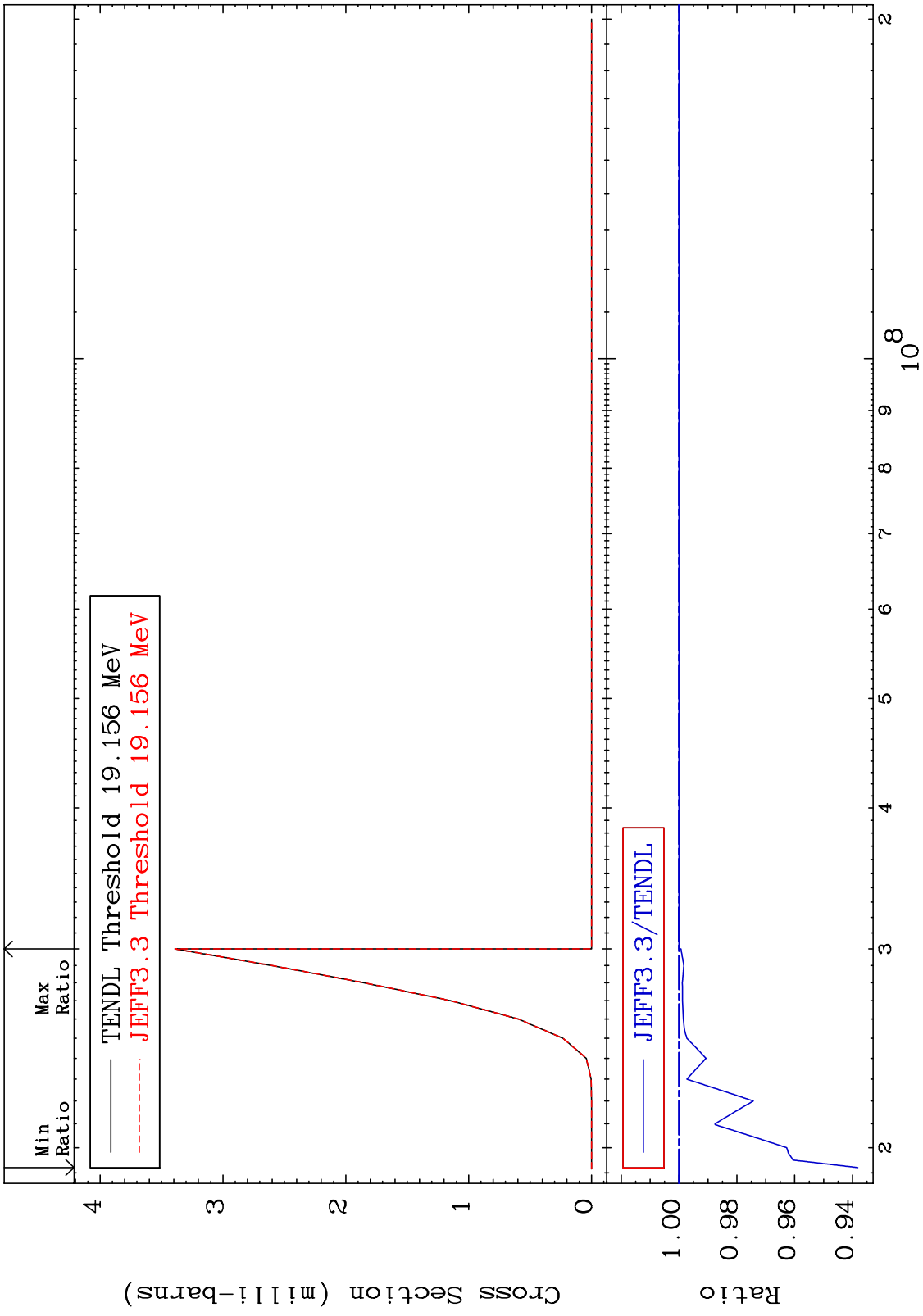
-1.016 To 0.000 %



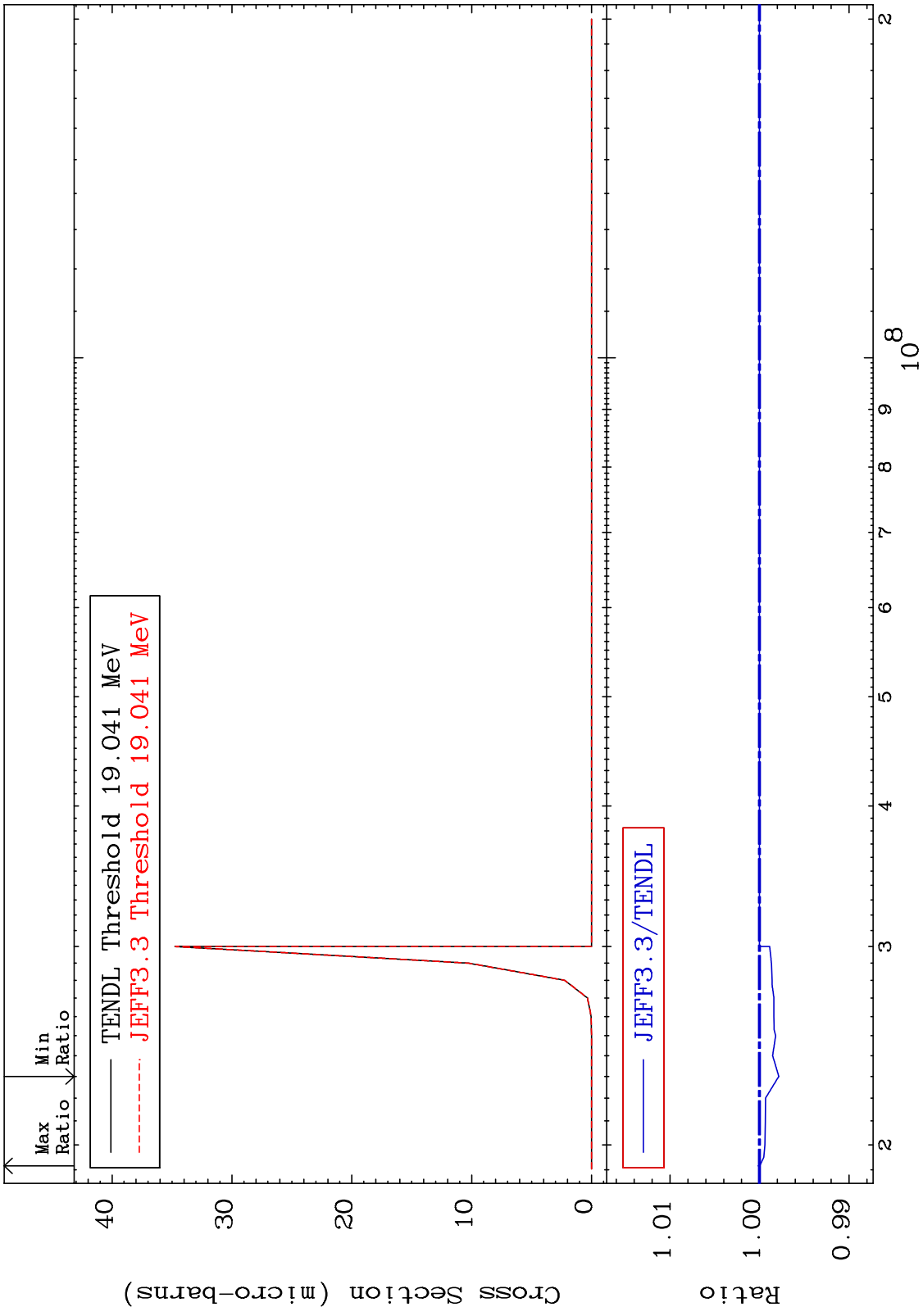
10

Incident Energy (eV)

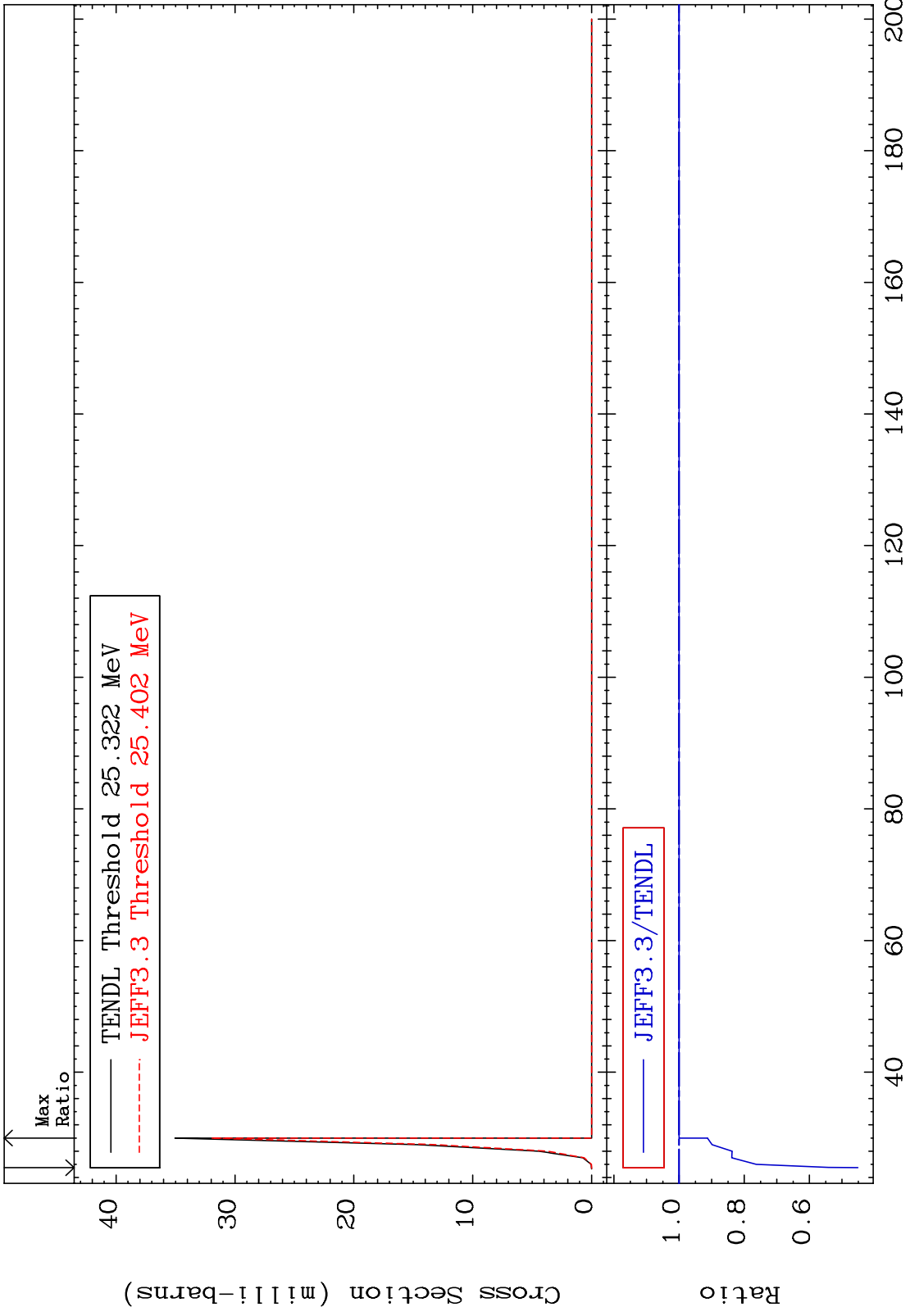
36-Kr-85



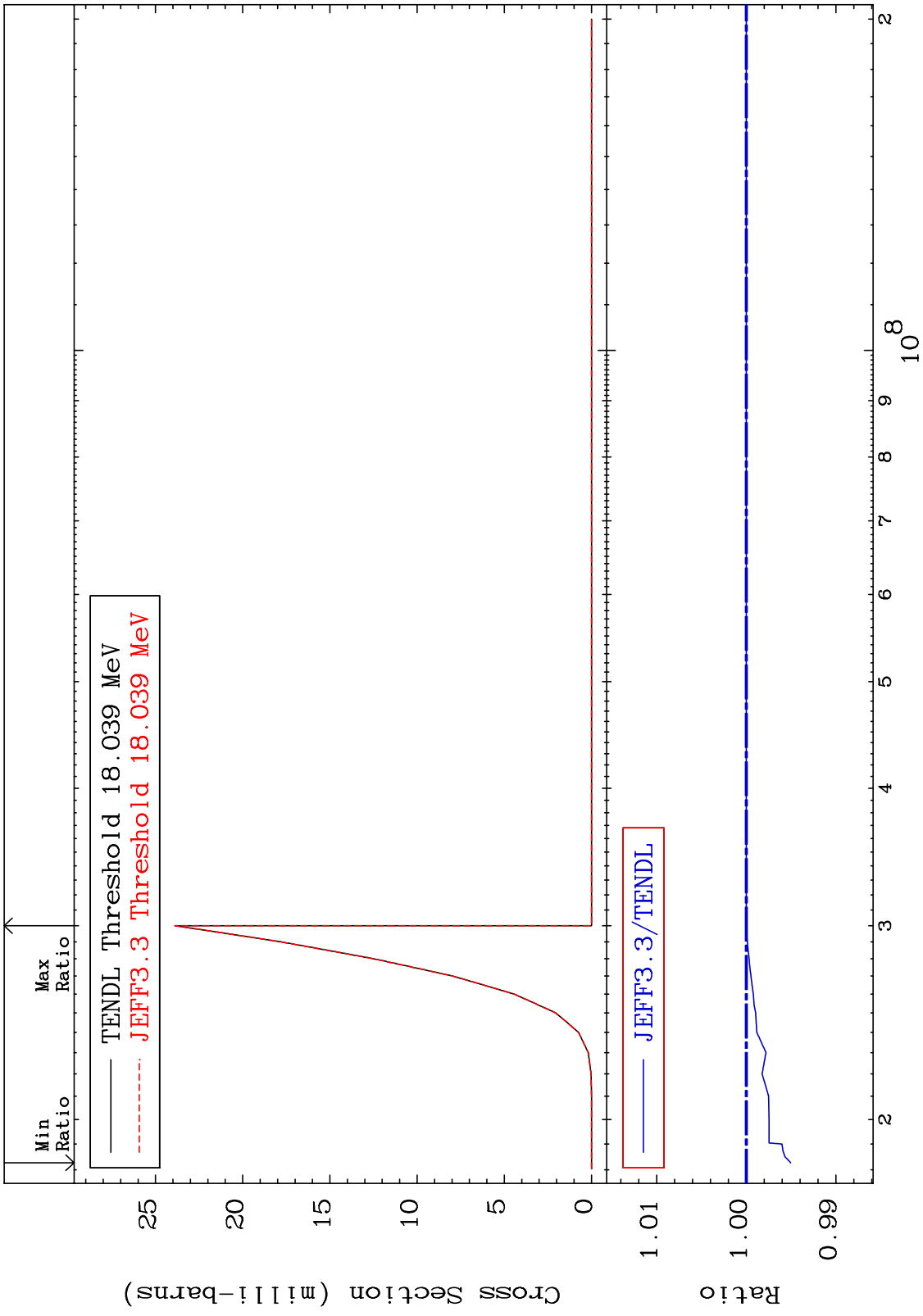
MAT 3646 (n, n') He-3 36-Kr-85
 Cross Section -0.216 To 0.016 %



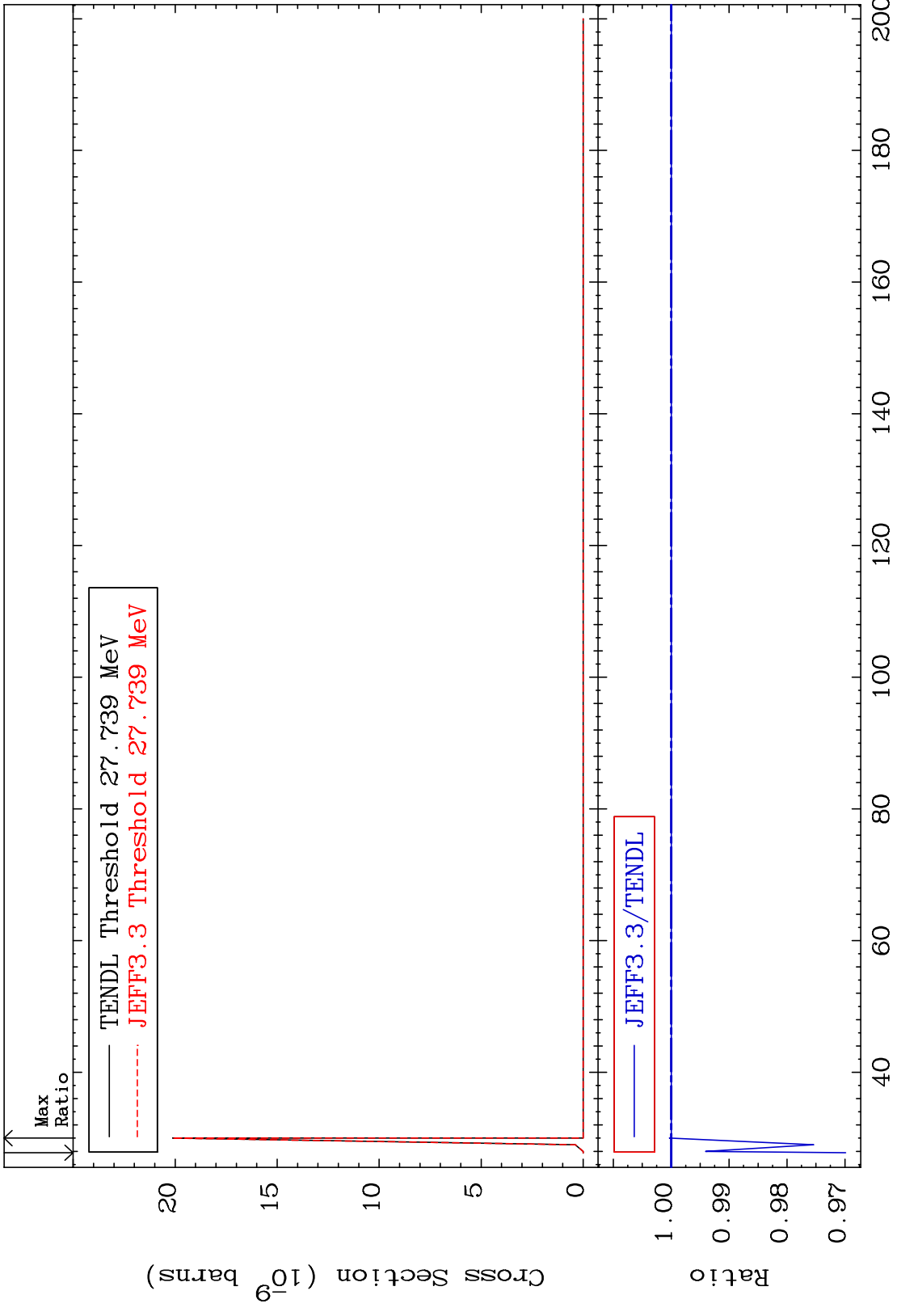
MAT 3646 (n,4n) 36-Kr-85
Cross Section -54.91 To 0.000 %



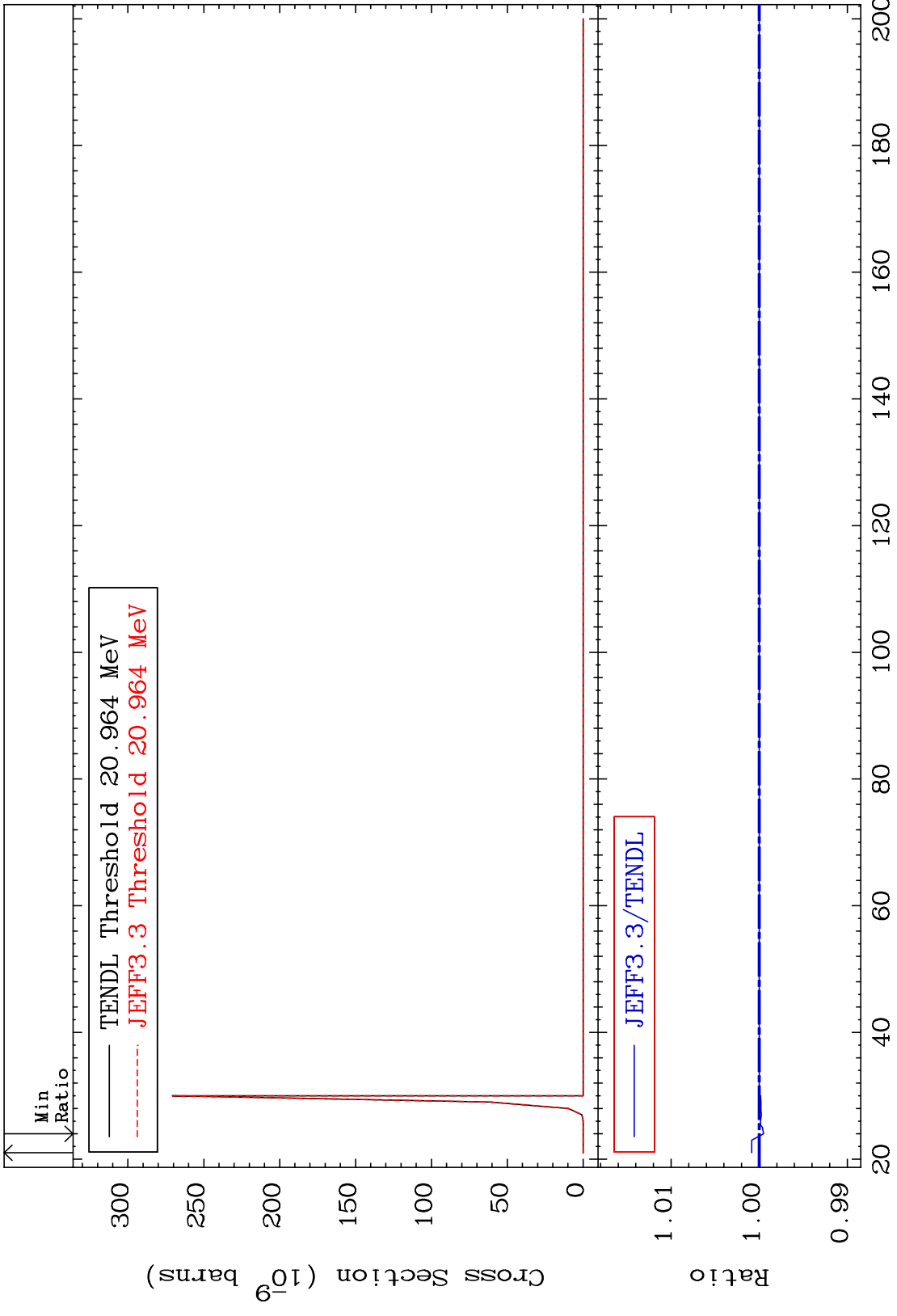
MAT 3646 $(n, 2n)$ p $^{36}\text{Kr-85}$
 Cross Section -0.497 To 0.003 %



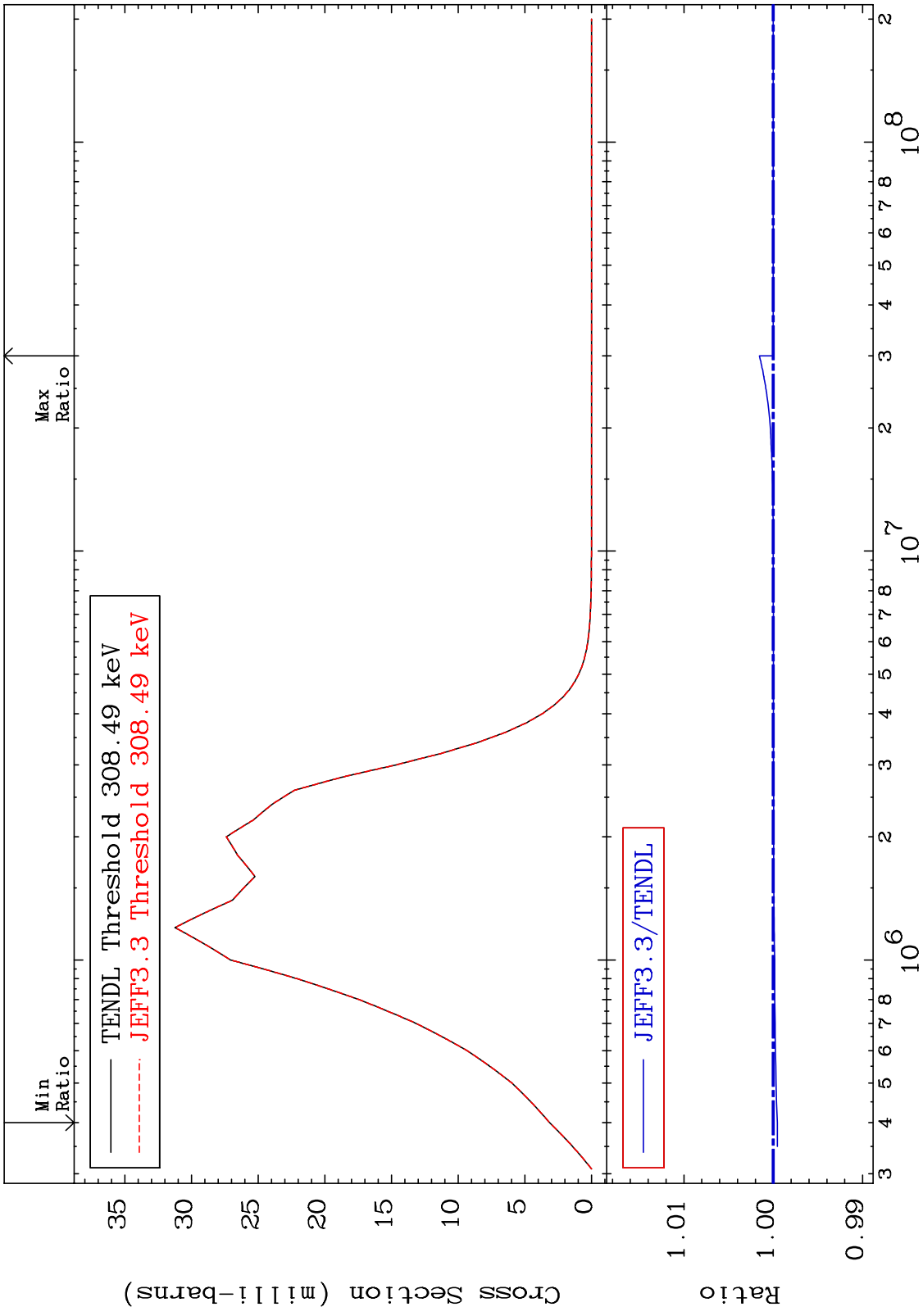
MAT 3646 (n,3n) p 36-Kr-85
 Cross Section -3.013 To 0.031 %



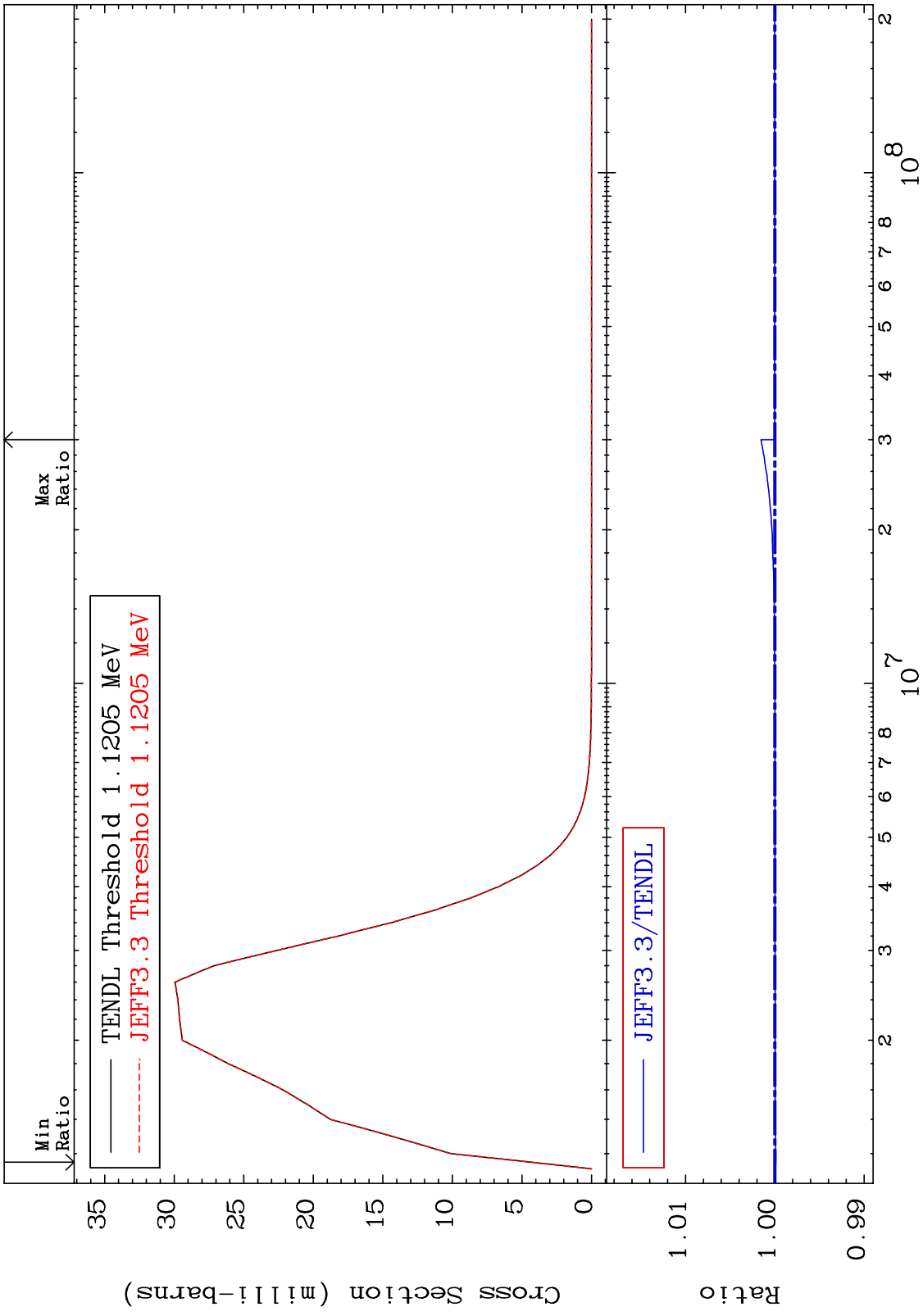
MAT 3646 (n,2n) p 36-Kr-85
Cross Section -0.049 To 0.086 %



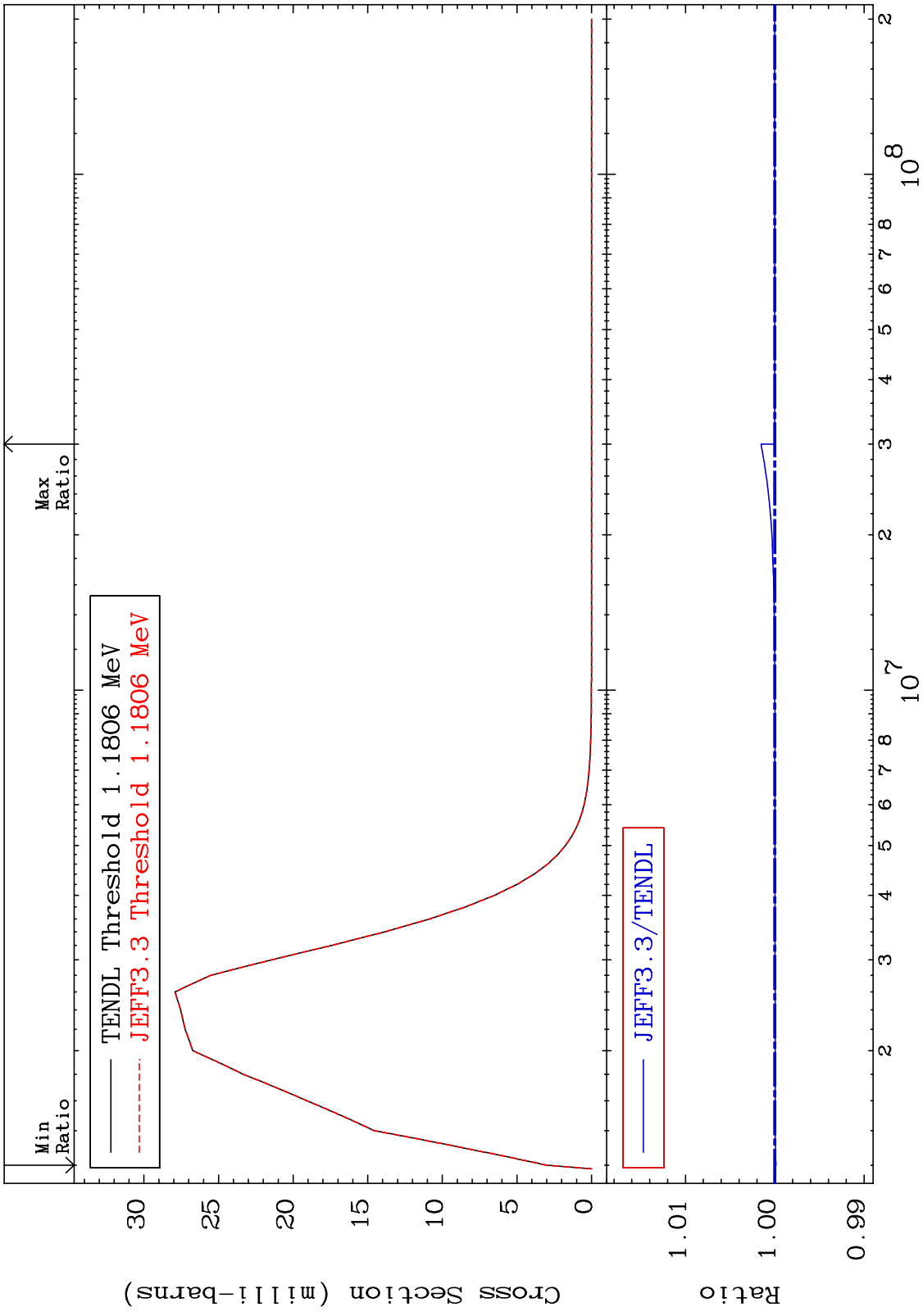
MAT 3646 MT= 51 (n,n') Level Cross Section 36-Kr-85
 -0.046 To 0.155 %



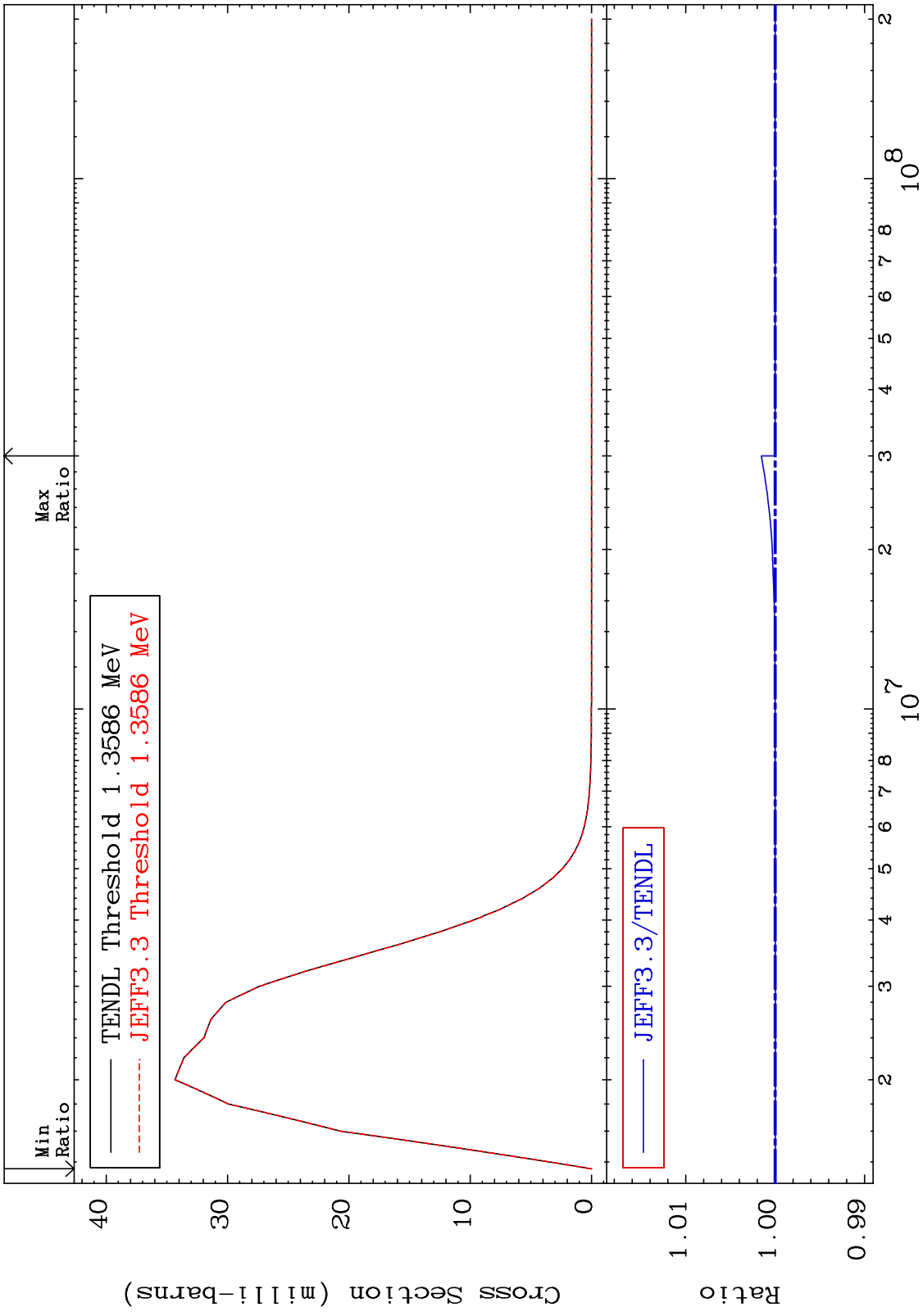
MAT 3646 MT= 52 (n,n') Level Cross Section -0.012 To 0.155 % 36-Kr-85



MAT 3646 MT= 54 (n,n') Level Cross Section -0.013 To 0.155 % 36-Kr-85



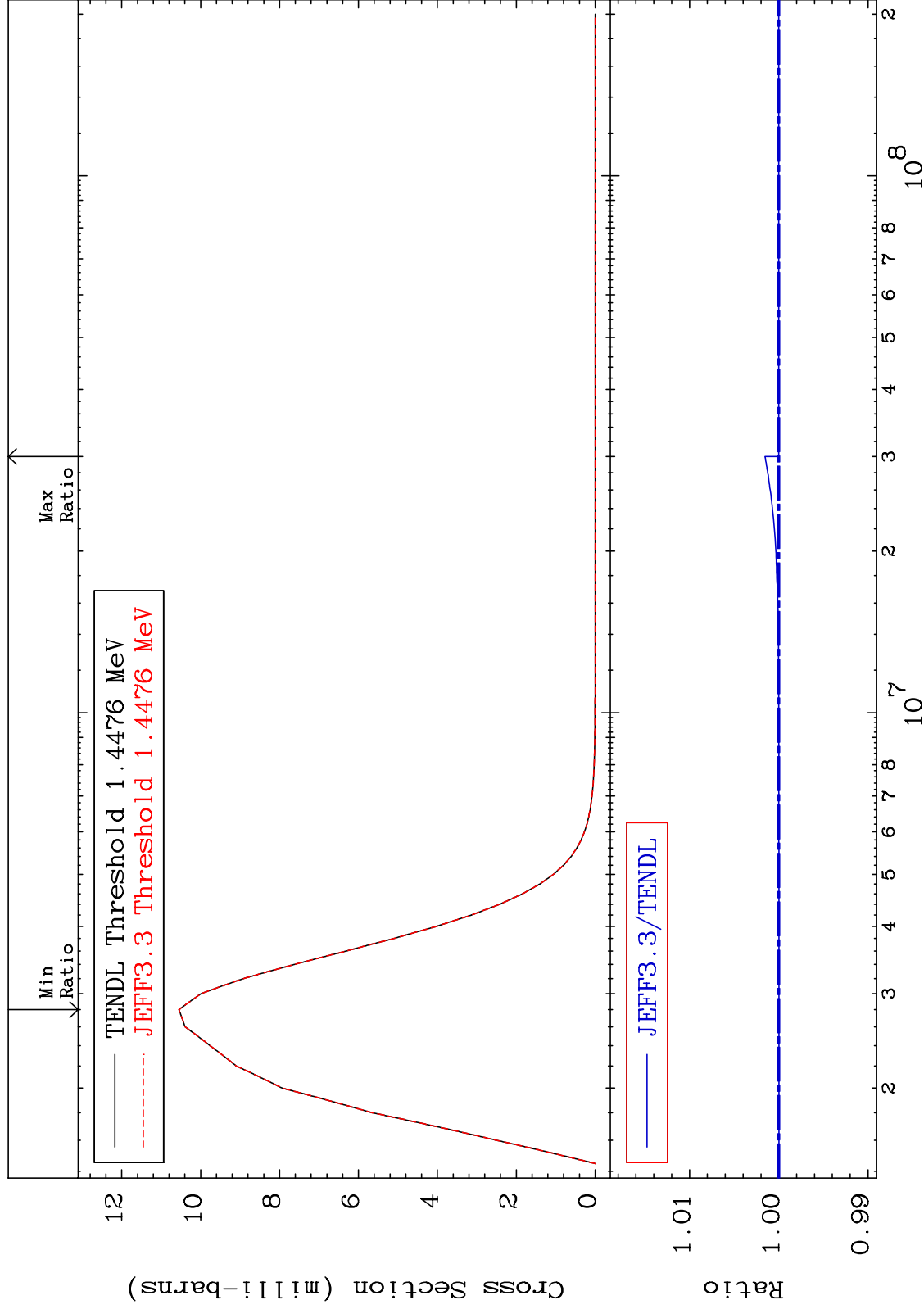
MAT 3646 MT= 56 (n,n') Level Cross Section -0.005 To 0.155 % 36-Kr-85



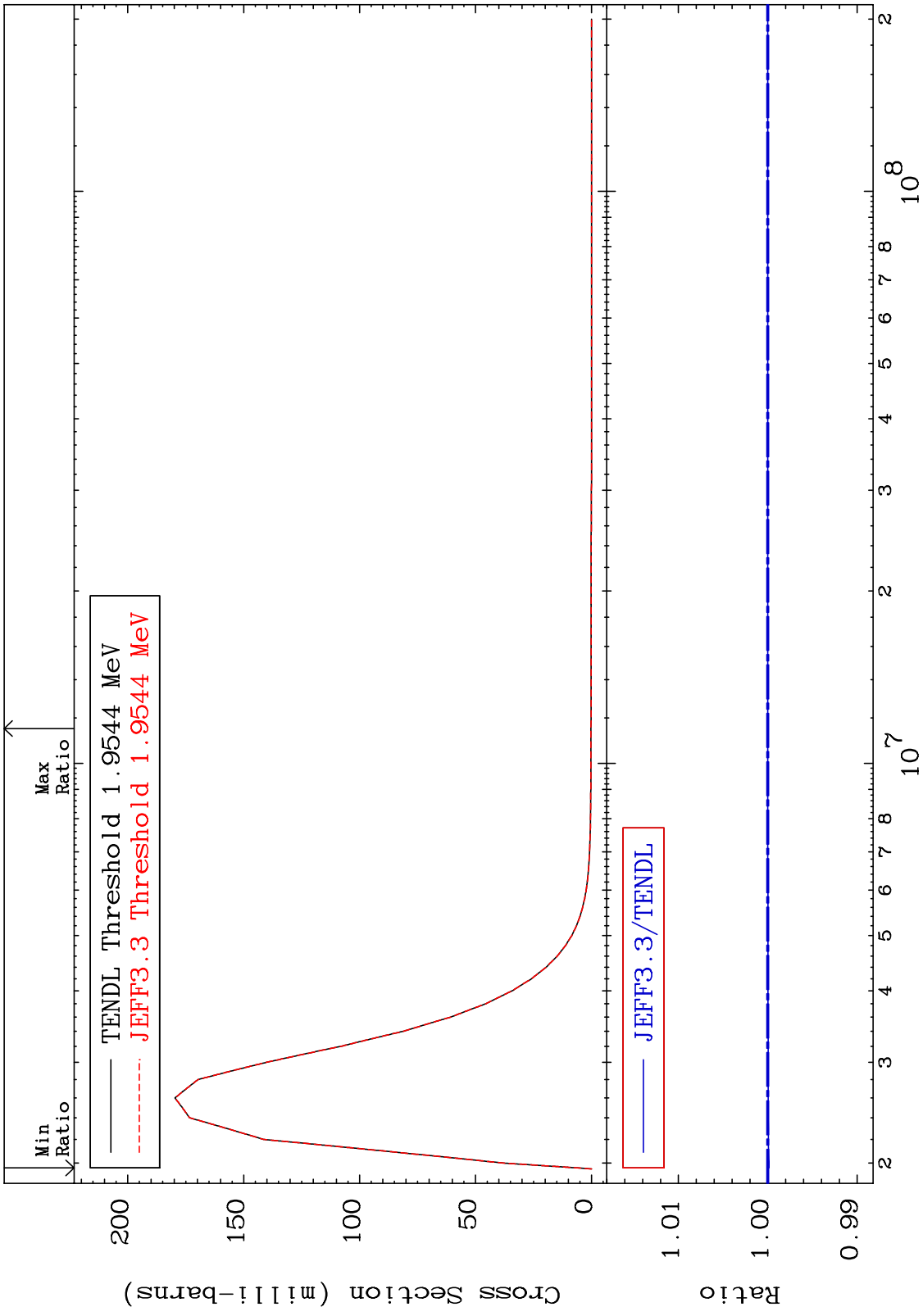
MAT 3646

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

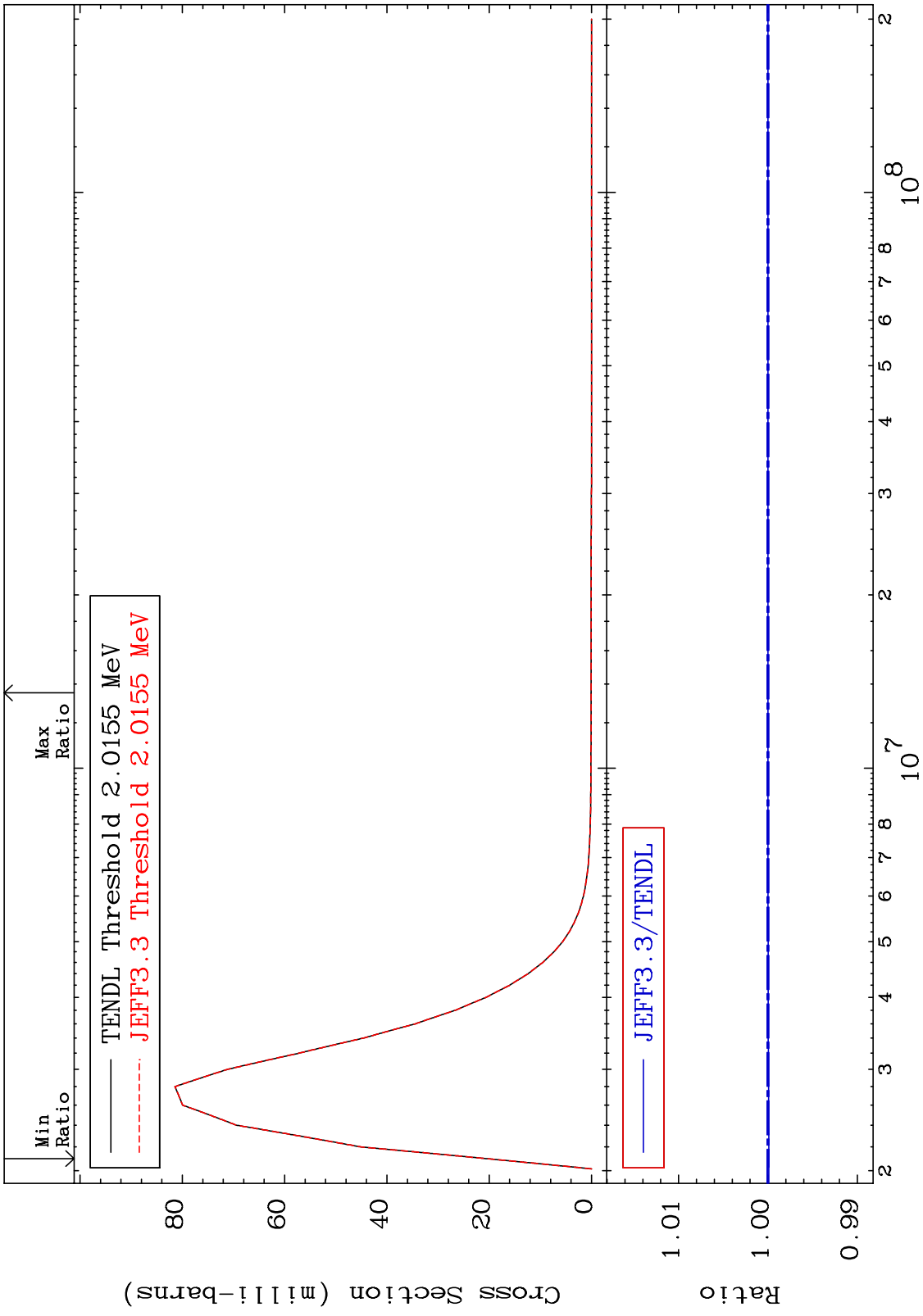
36-Kr-85
-0.003 To 0.154 %



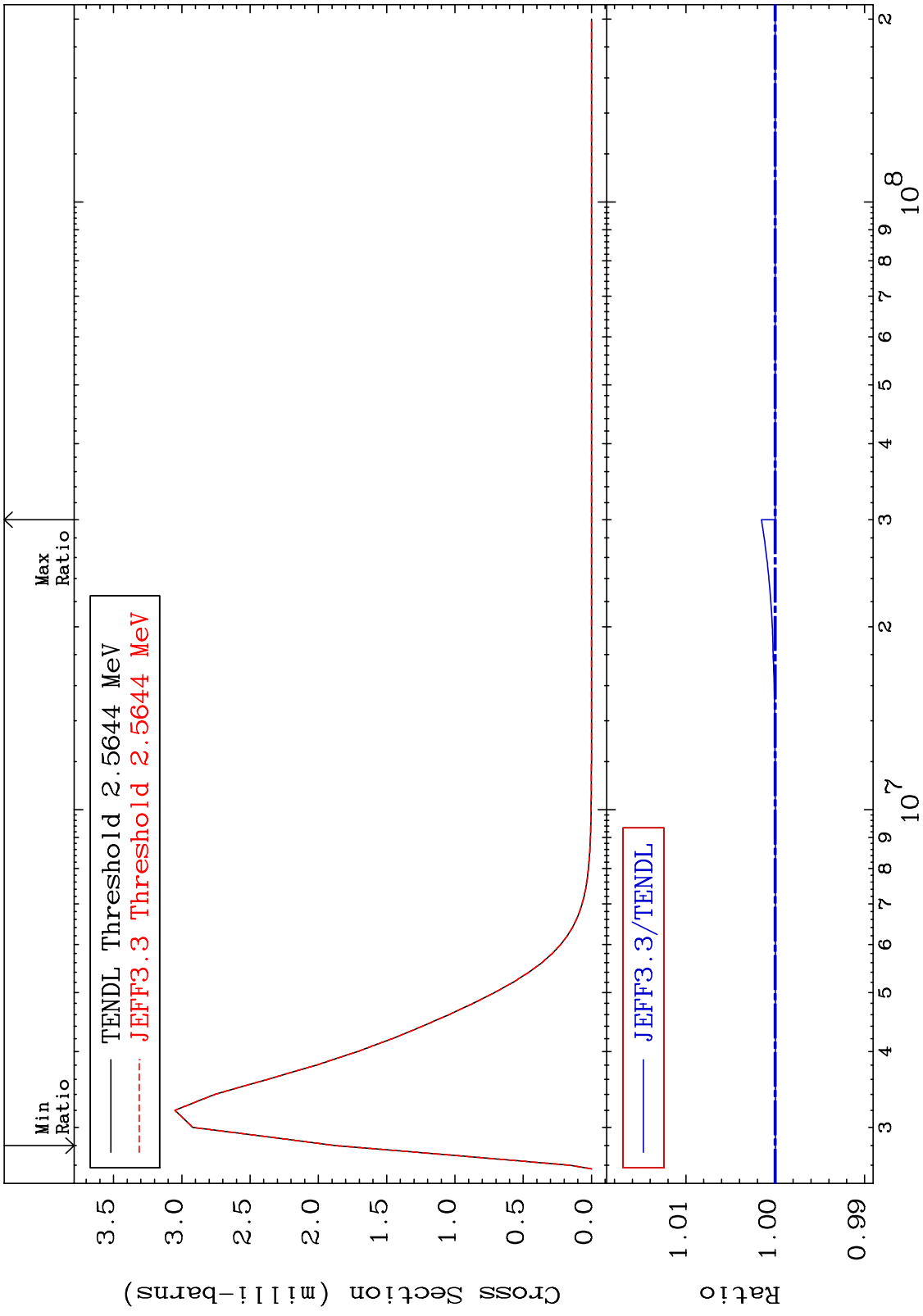
MAT 3646 MT= 62 (n,n') Level Cross Section 36-Kr-85
 -0.015 To 0.000 %



MAT 3646 MT= 65 (n,n') Level Cross Section -0.010 To 0.000 % 36-Kr-85



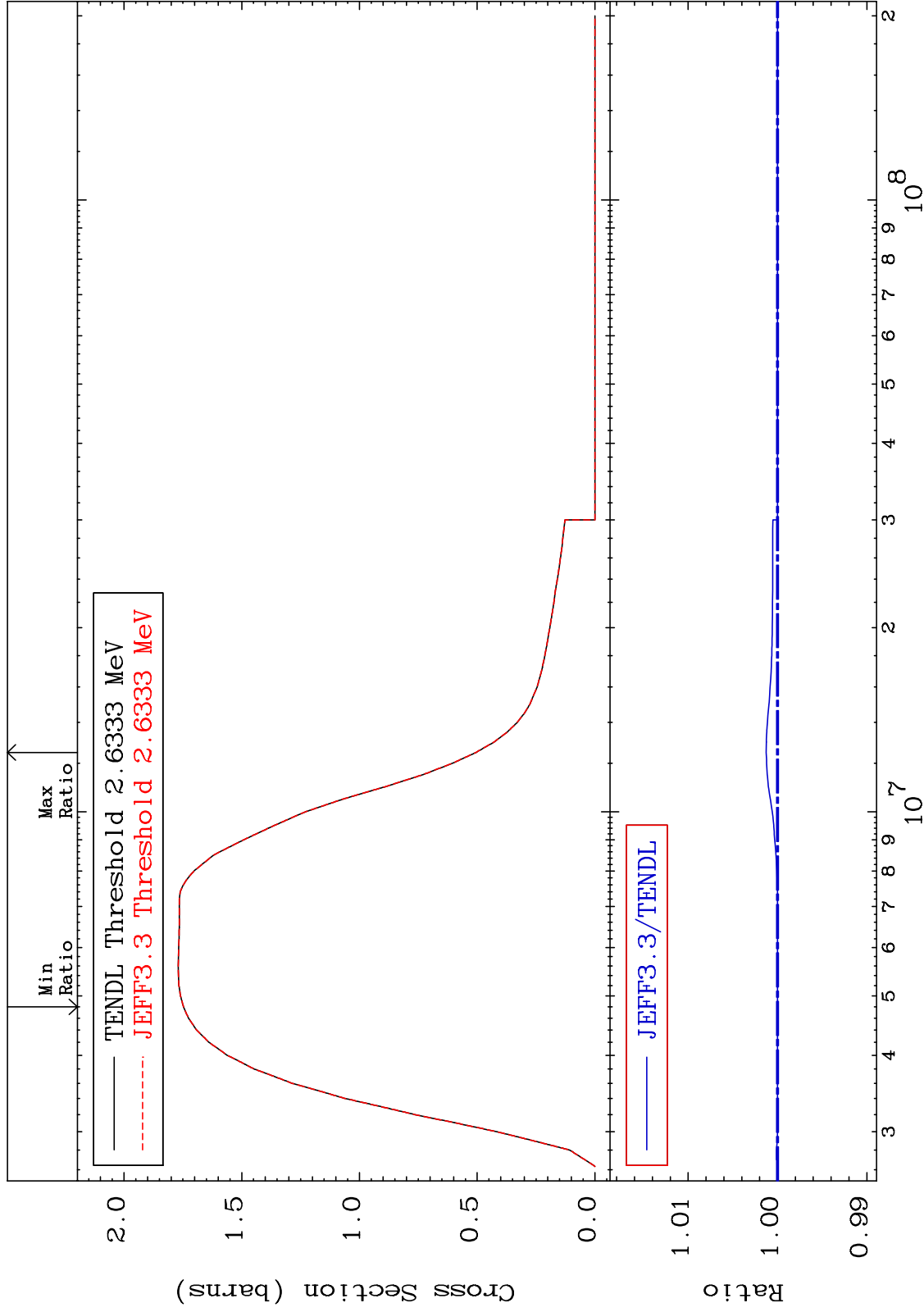
MAT 3646 MT= 77 (n,n') Level Cross Section -0.002 To 0.155 % 36-Kr-85



MAT 3646

(n, n') Continuum
Cross Section

36-Kr-85
To 0.127 %



25

Incident Energy (eV)

36-Kr-85

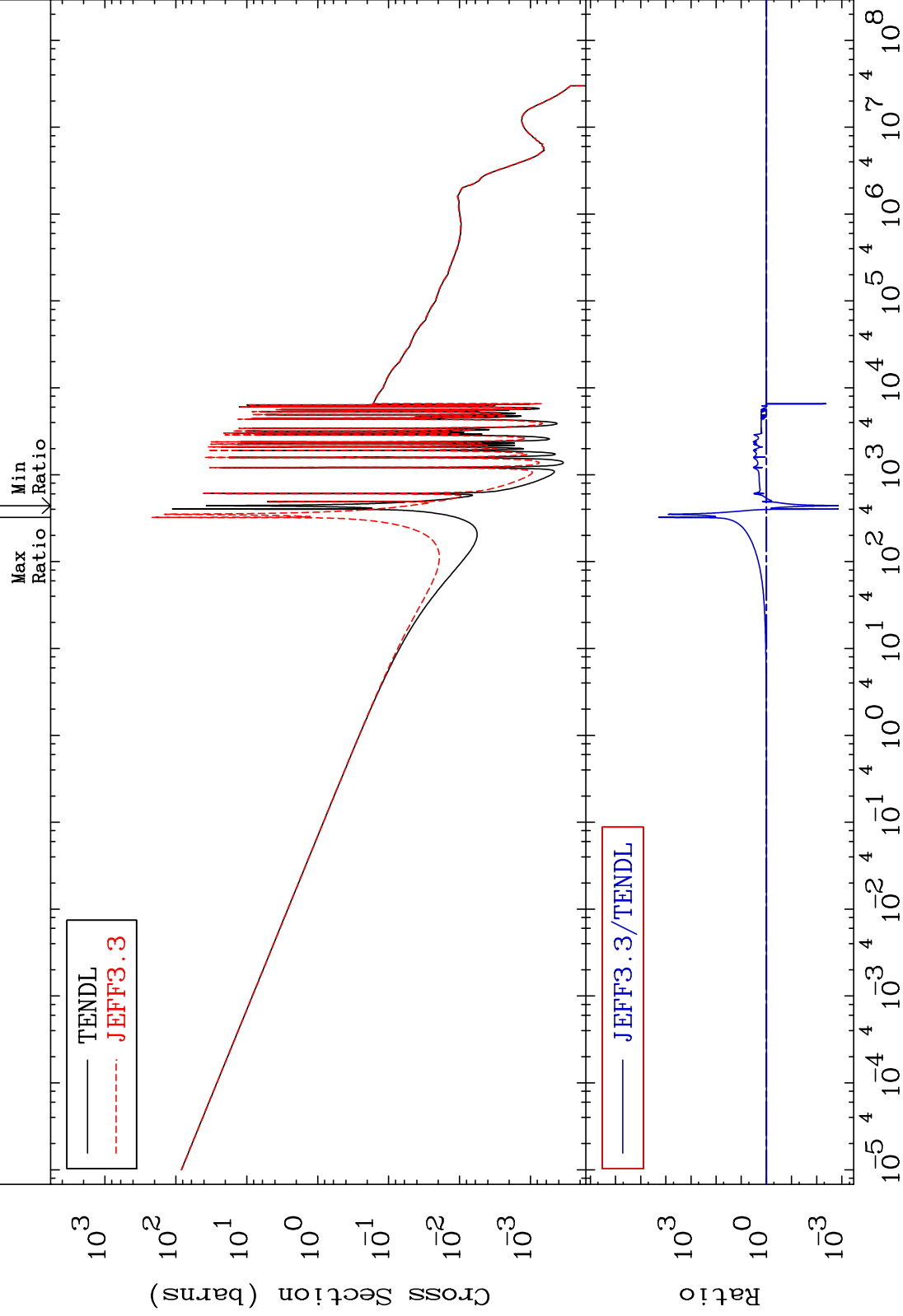
MAT 3646

(n, γ)

36-Kr-85

-99.86 To 9999. %

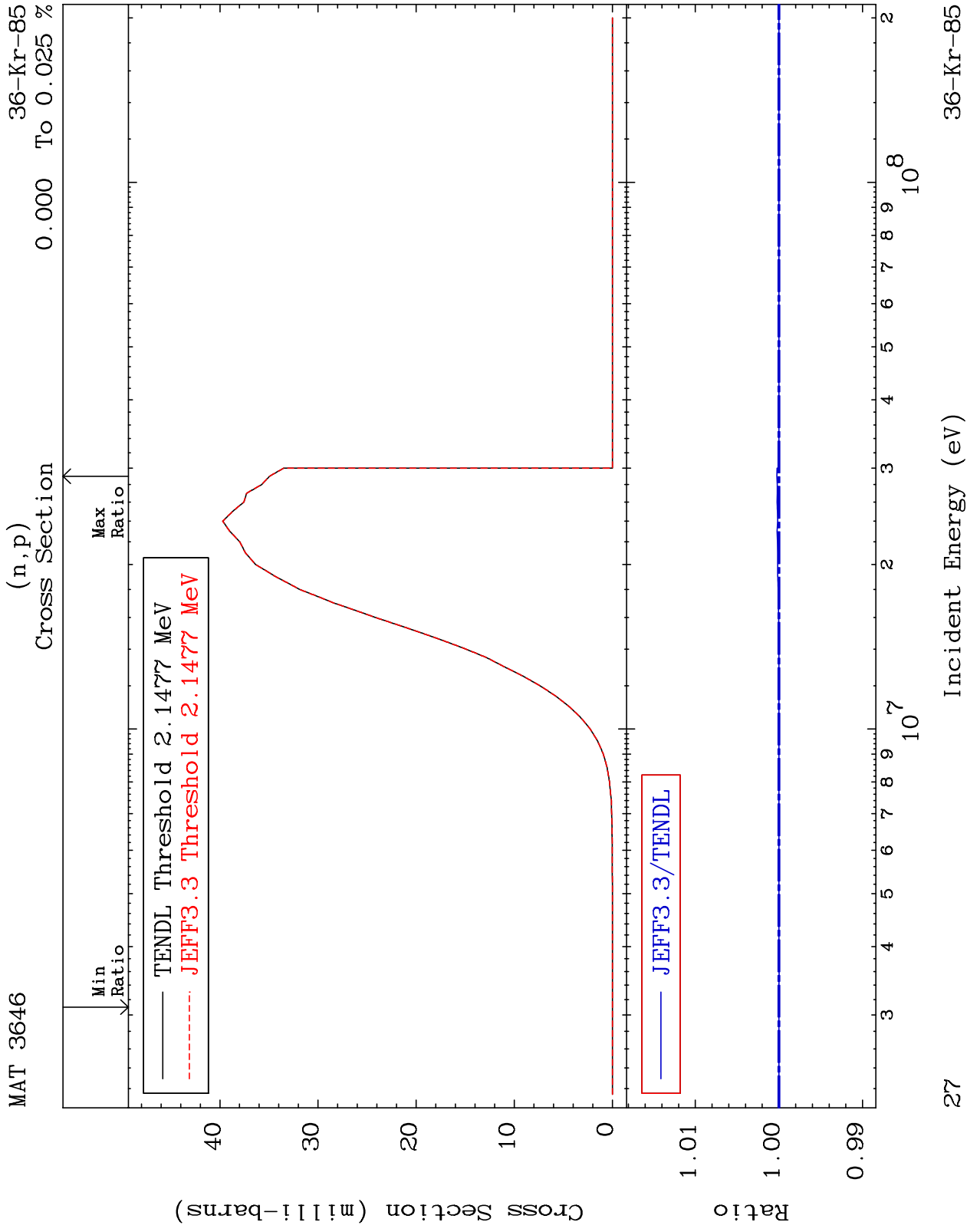
Cross Section



26

Incident Energy (eV)

36-Kr-85

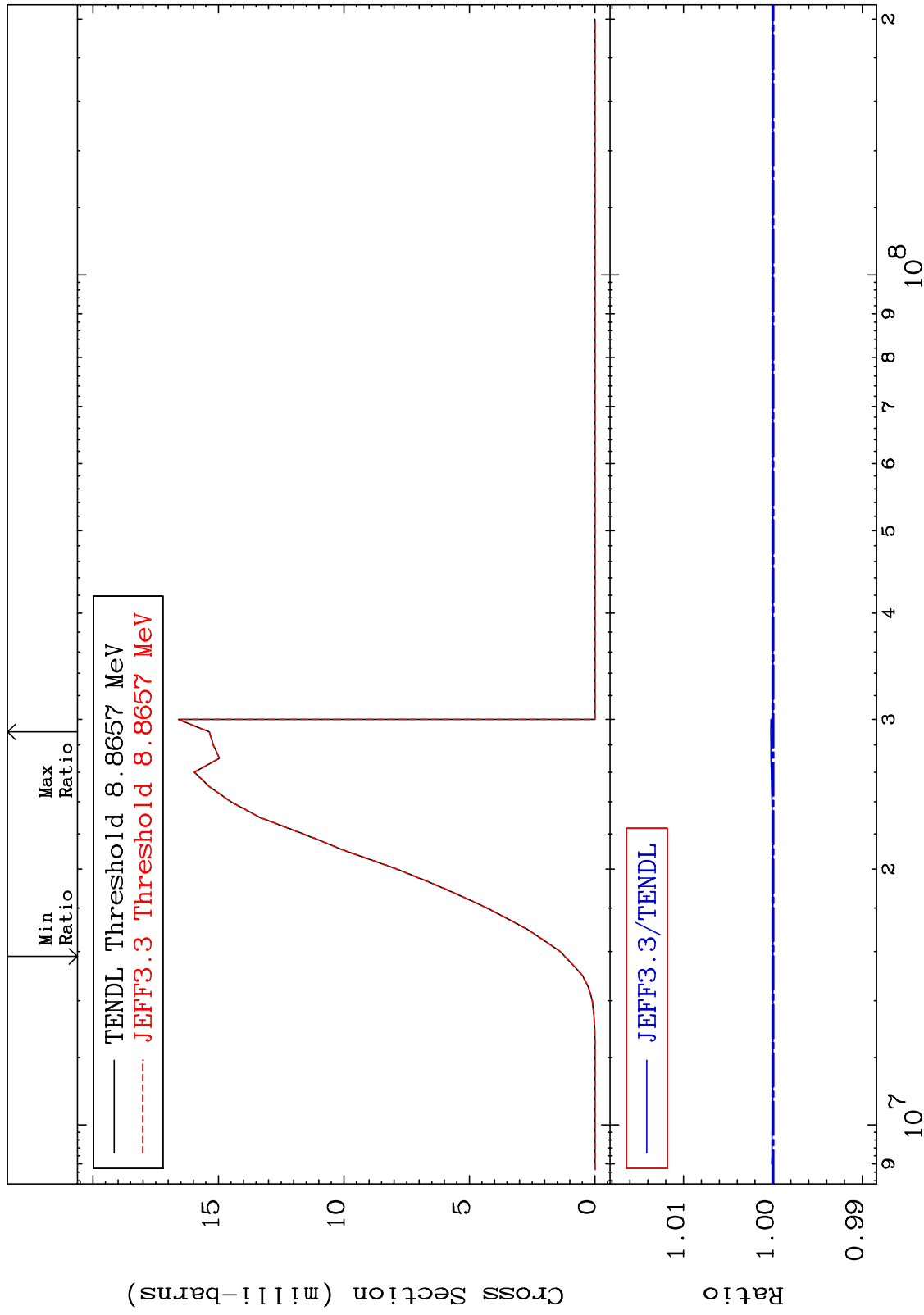


MAT 3646

(n,d)

36-Kr-85

Cross Section To 0.024 %



28

Incident Energy (eV)

36-Kr-85

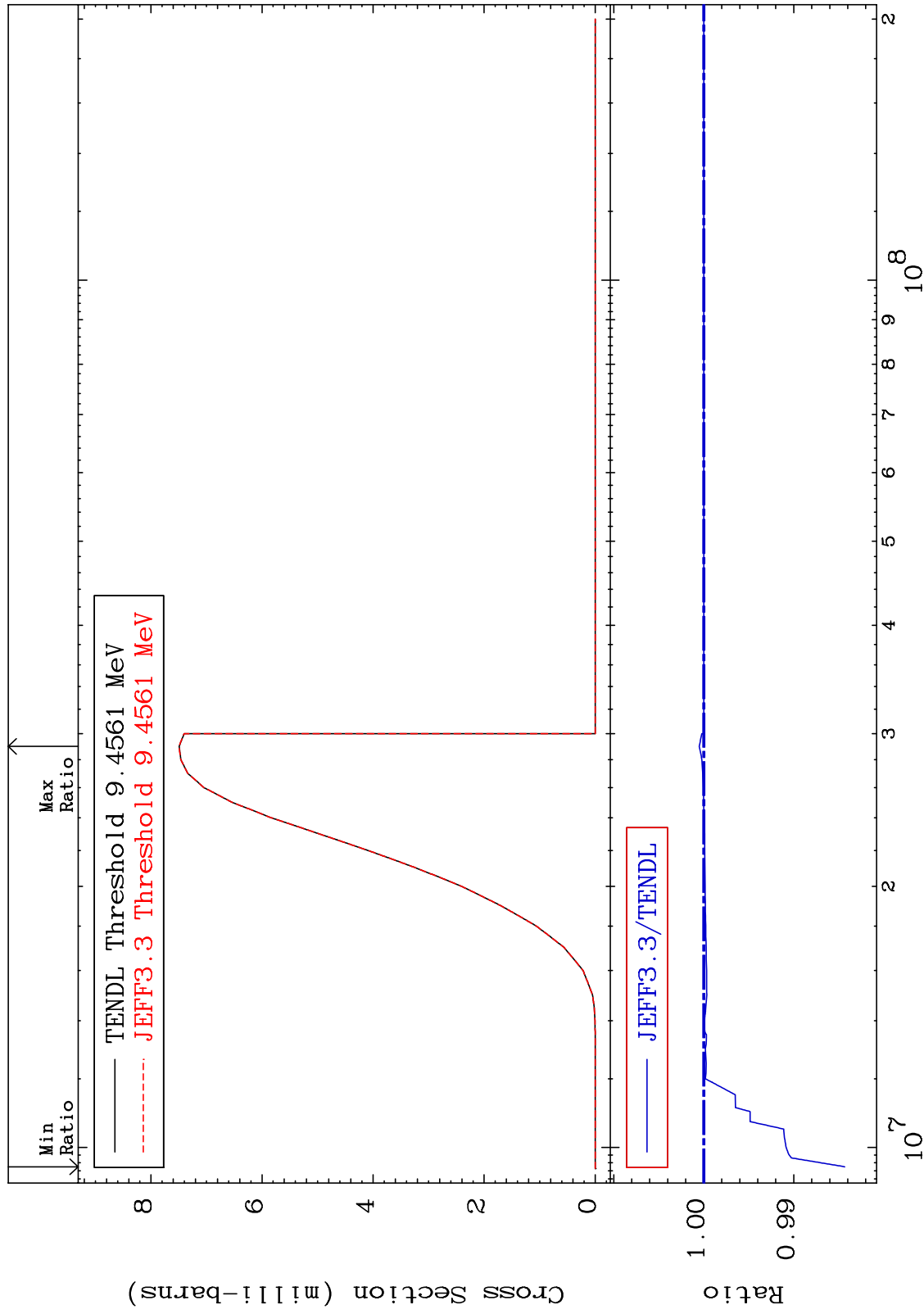
MAT 3646

(n,t)

36-Kr-85

Cross Section

-1.567 To 0.050 %

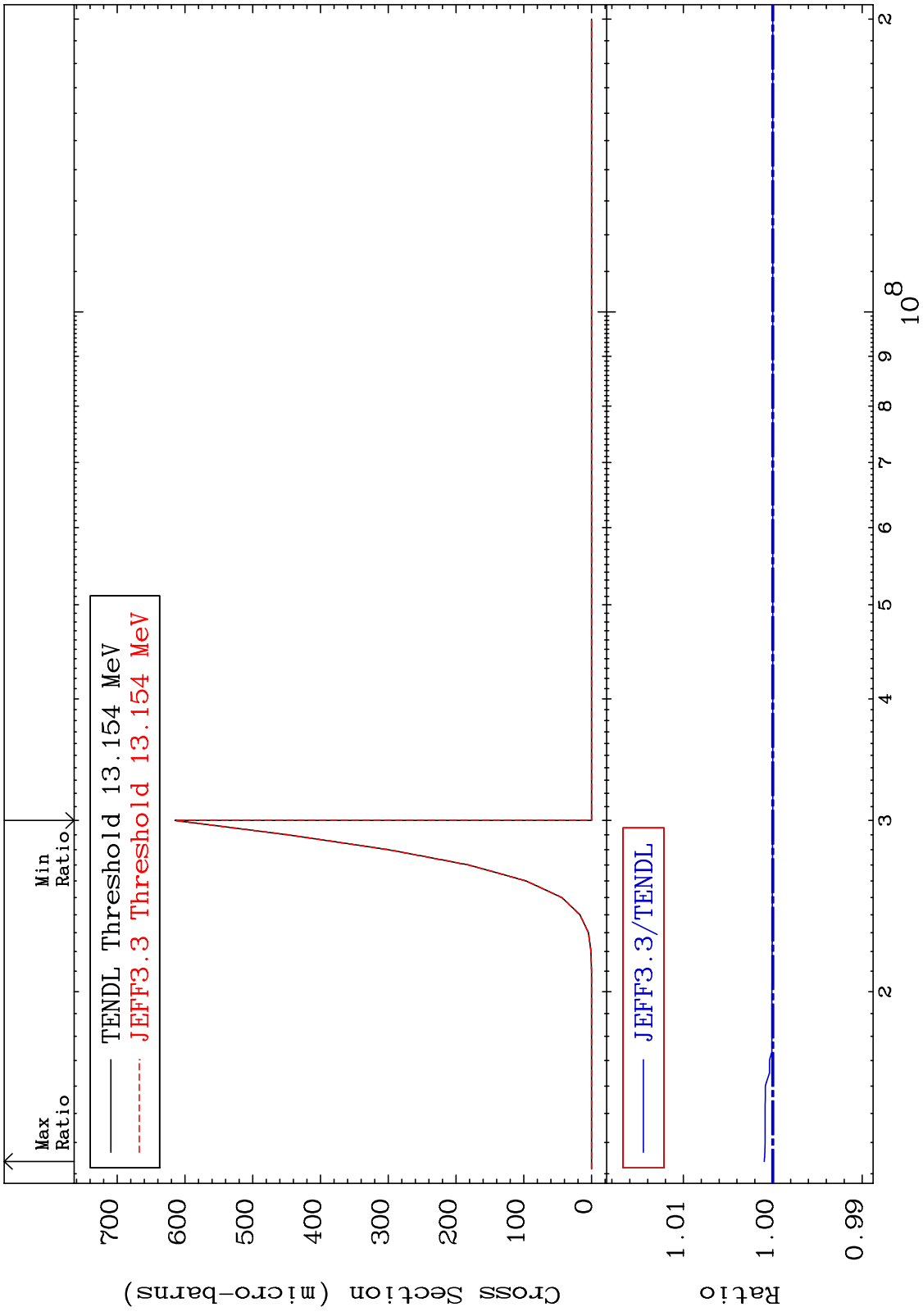


29

Incident Energy (eV)

36-Kr-85

MAT 3646 (n, He-3) 36-Kr-85
 Cross Section 0.000 To 0.096 %



MAT 3646

(n, α)

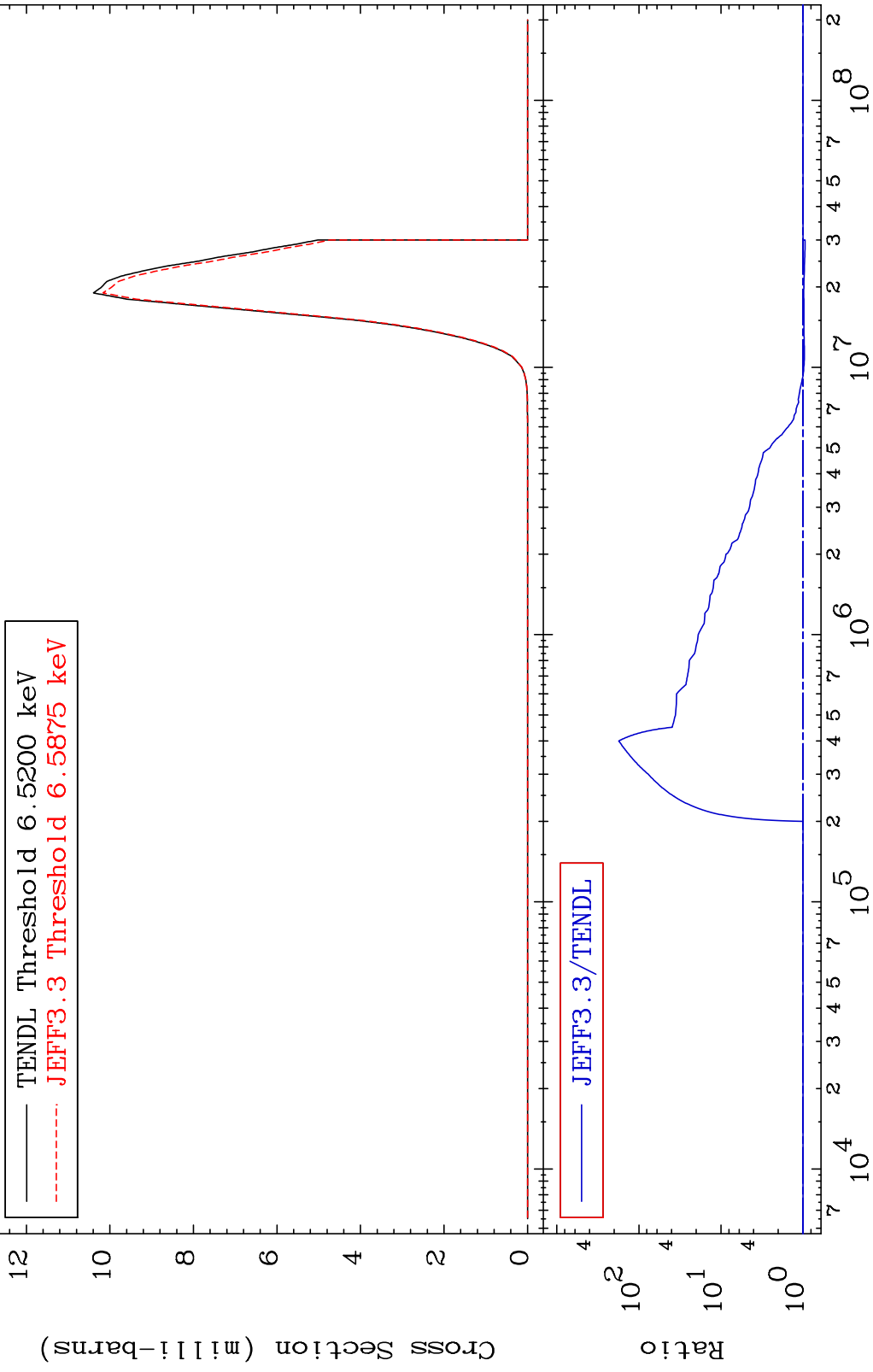
36-Kr-85

-5.810 To 9999. %

Cross Section

Max Ratio

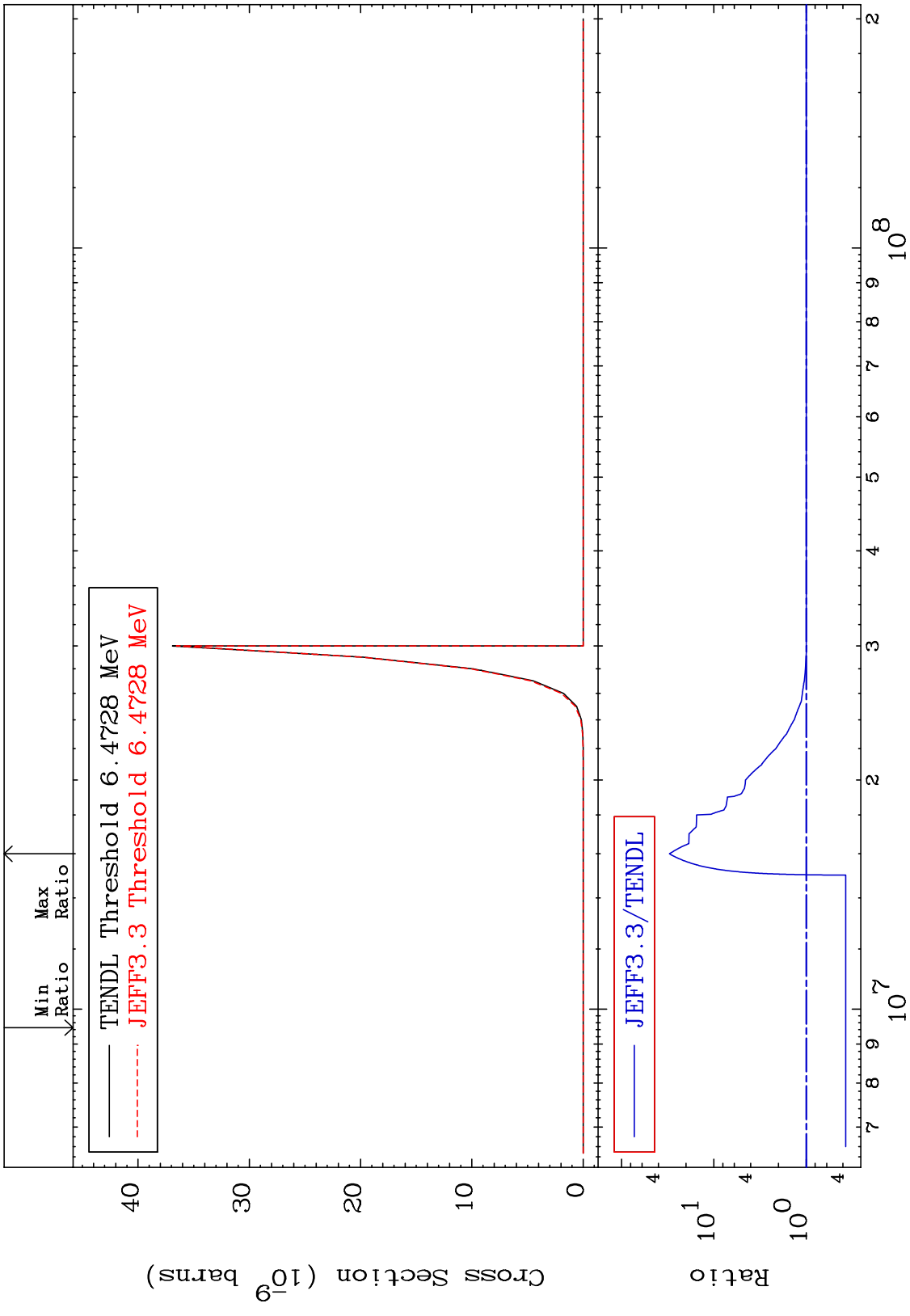
Min Ratio



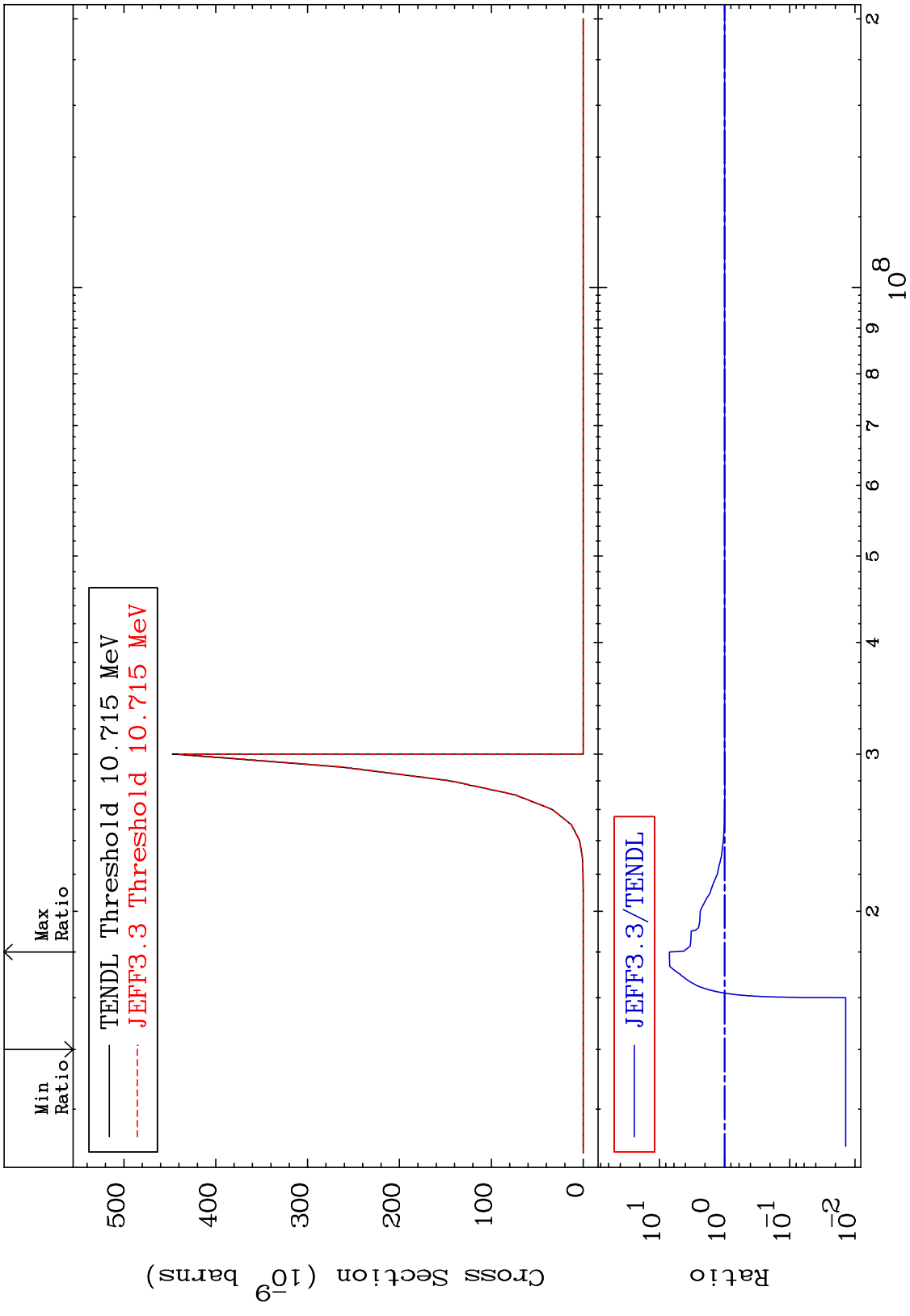
31

Incident Energy (eV)

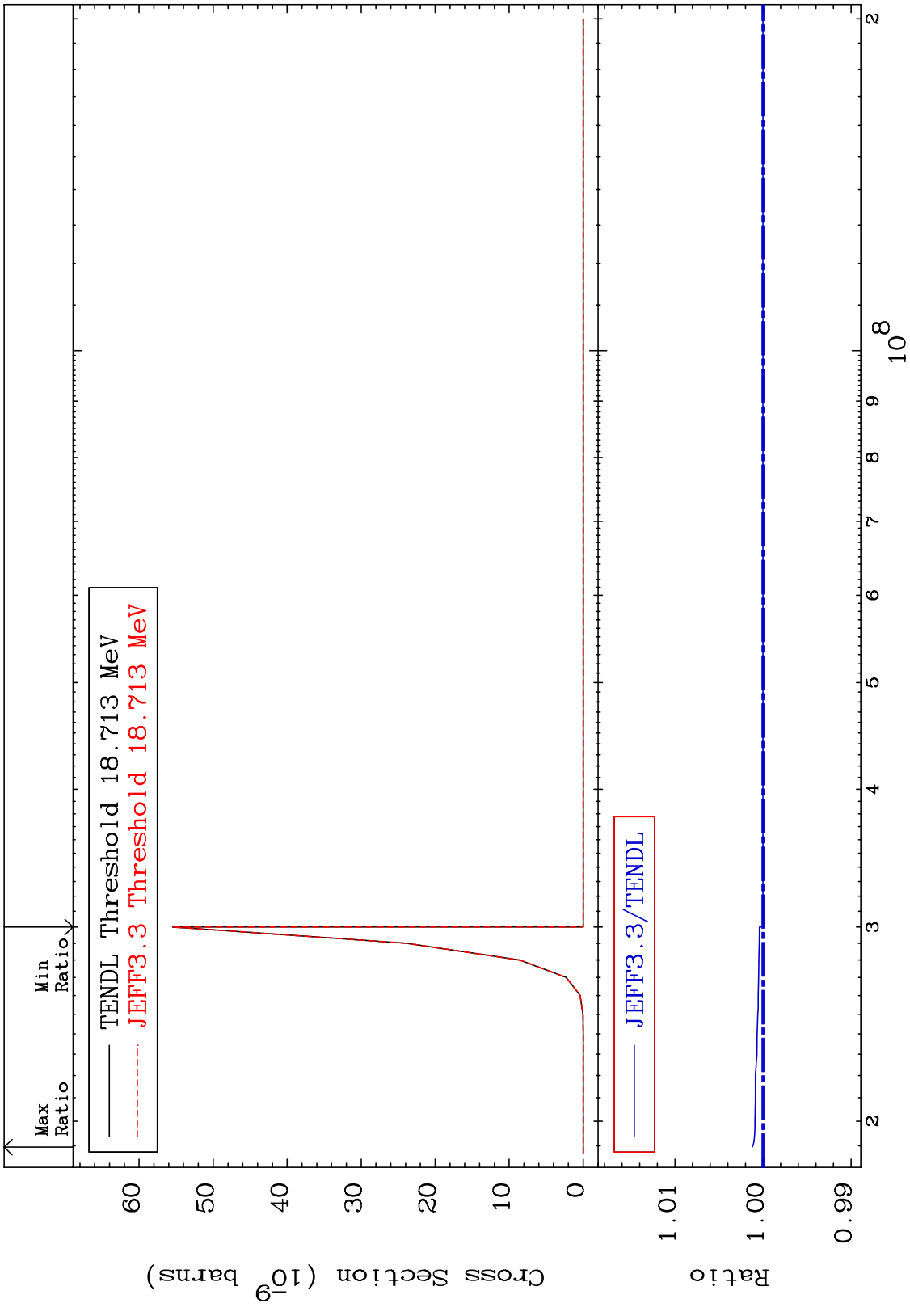
36-Kr-85



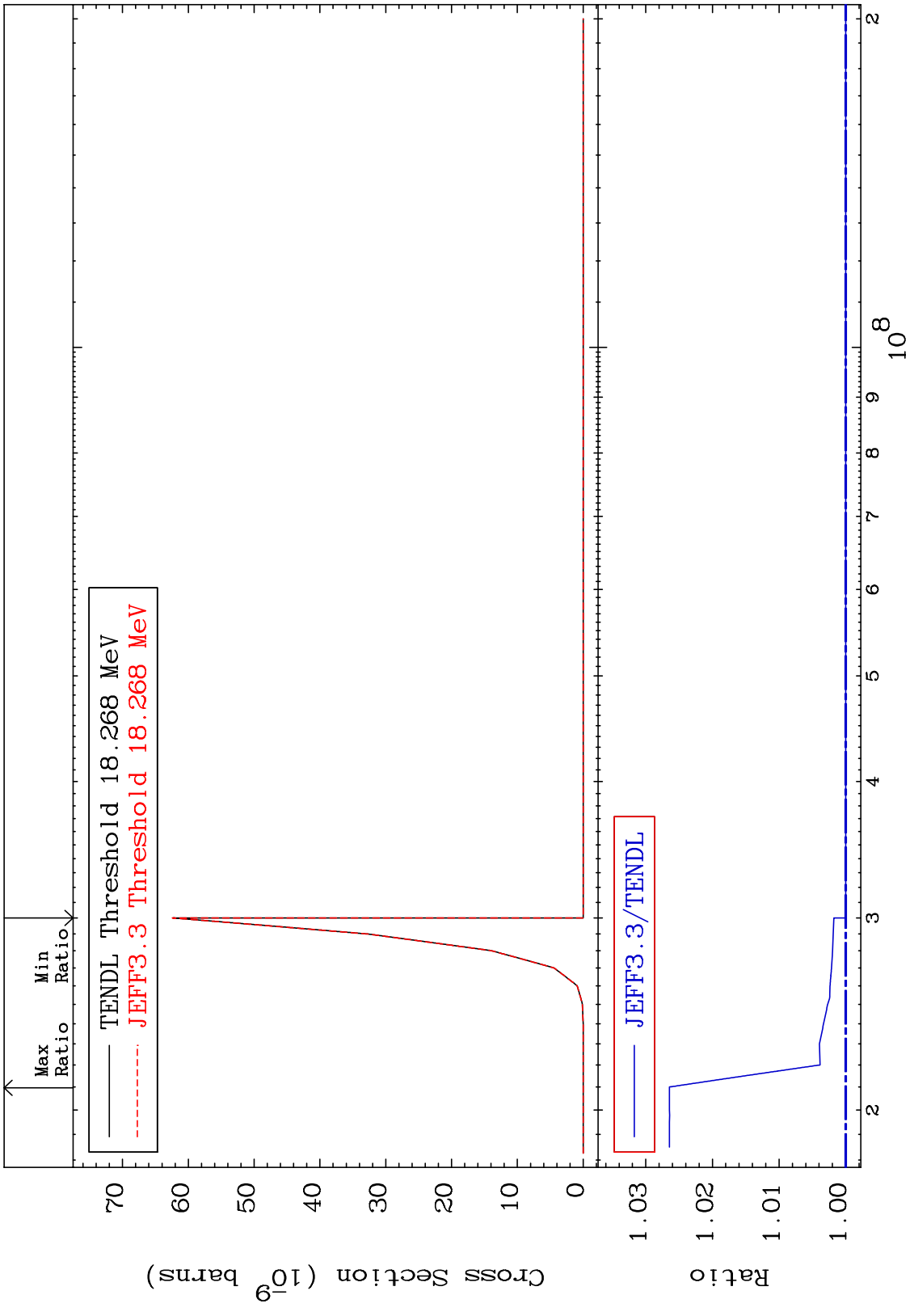
MAT 3646 $(n,p) \alpha$ $^{36}\text{Kr-85}$
 Cross Section -98.62 To 600.8 %

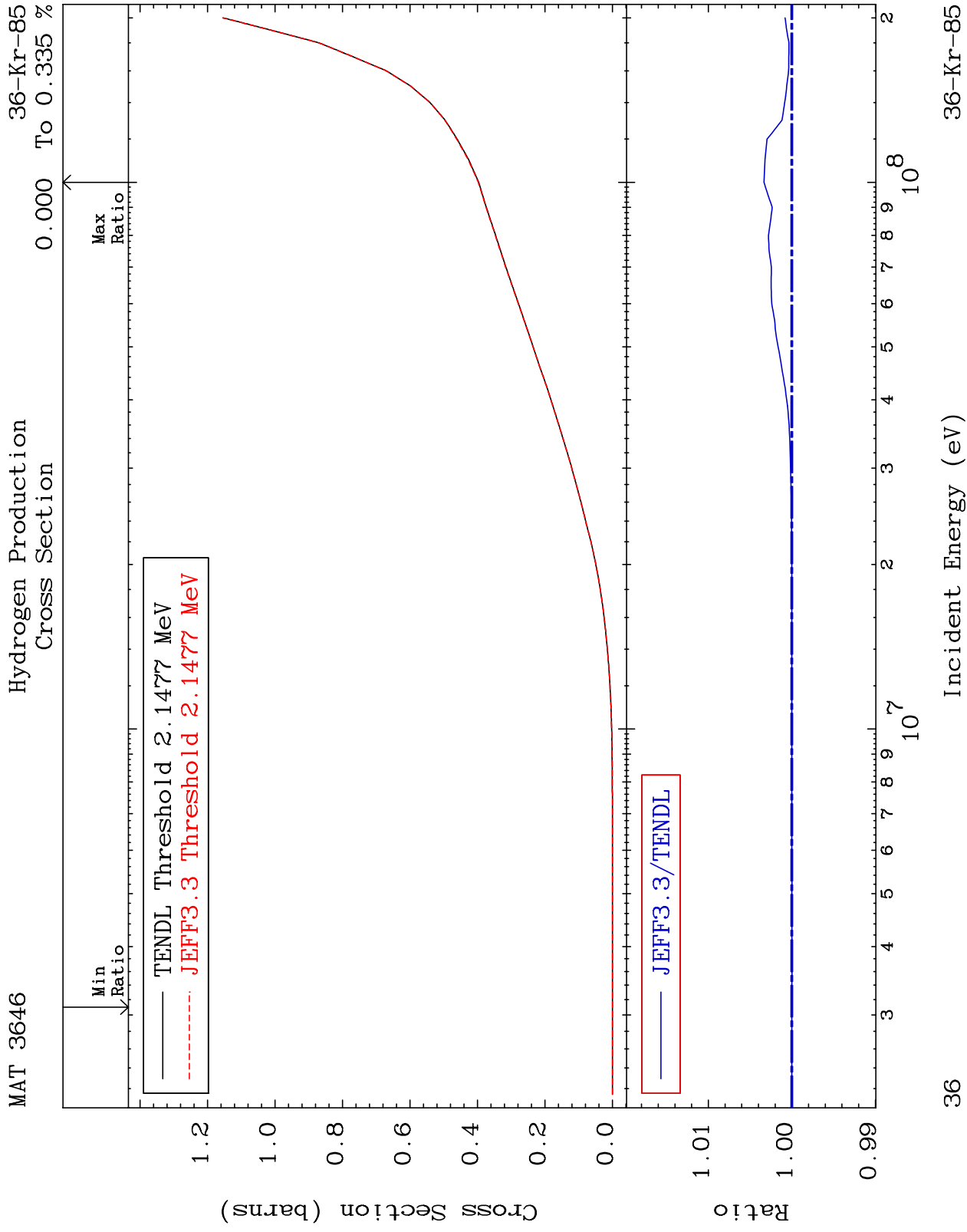


MAT 3646 (n,p) d 36-Kr-85
 Cross Section 0.000 To 0.122 %



MAT 3646 (n,p) t 36-Kr-85
 Cross Section 0.000 To 2.644 %

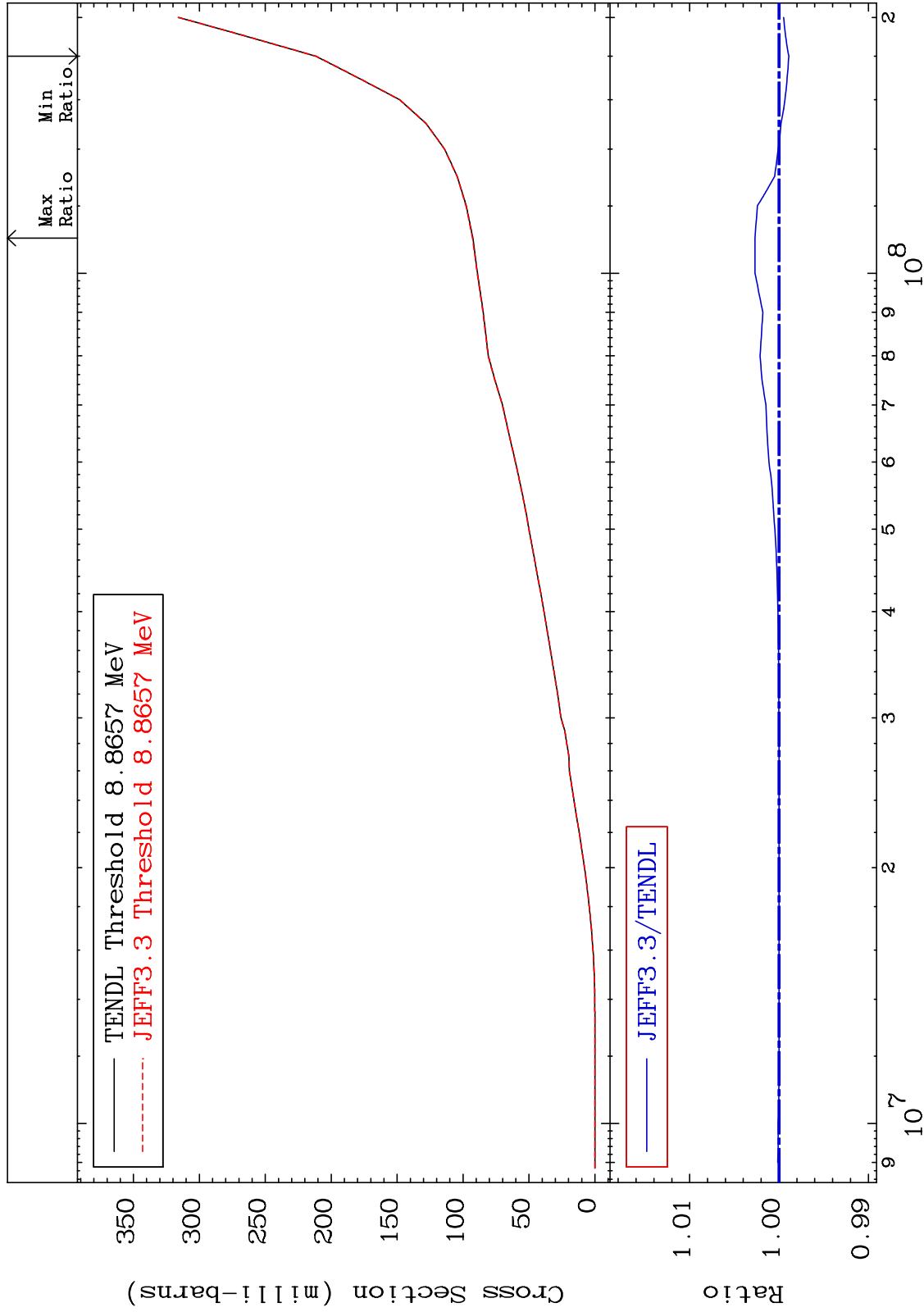




MAT 3646

Deuterium Production Cross Section

36-Kr-85
-0.109 To 0.269 %



37

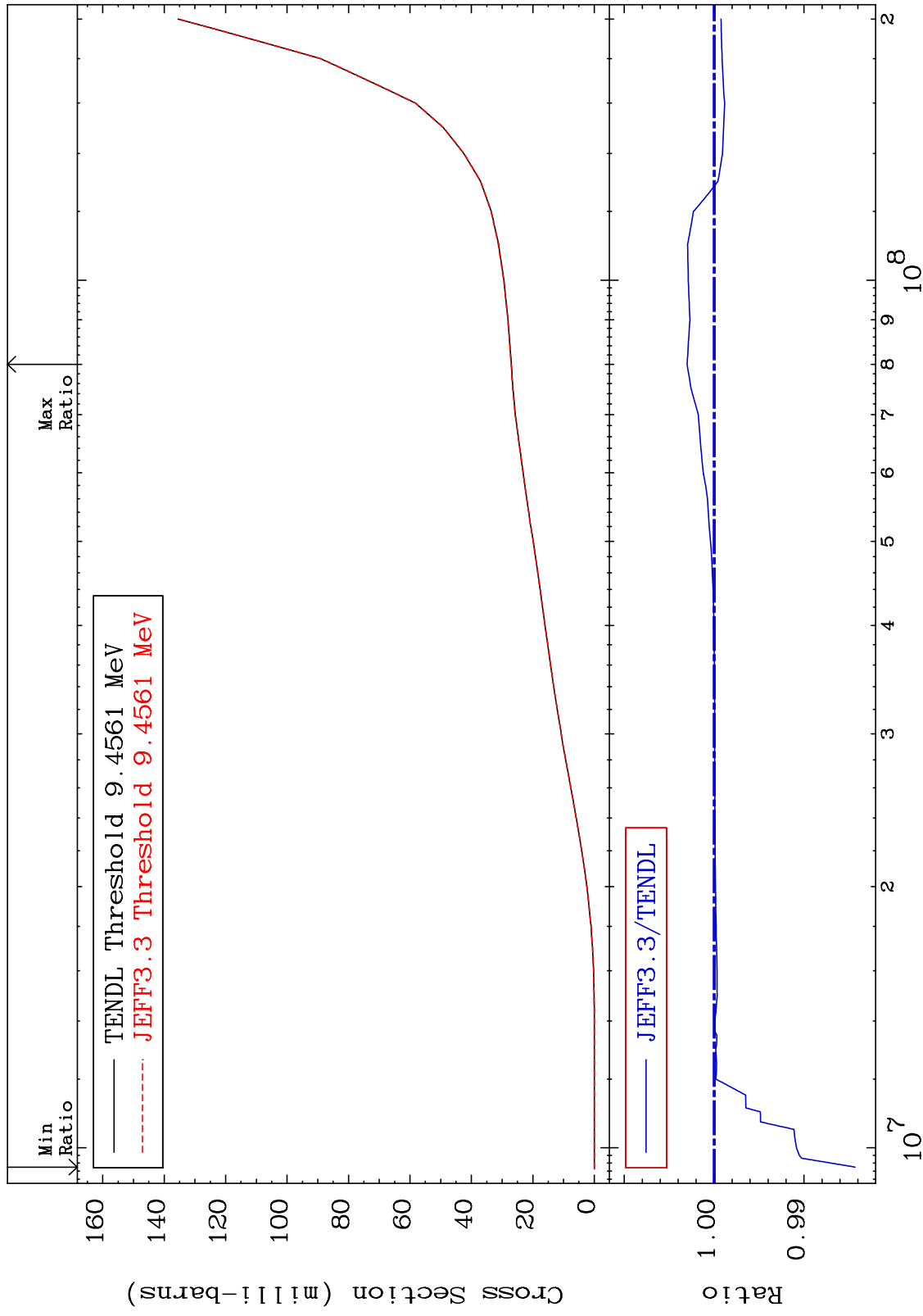
Incident Energy (eV)

36-Kr-85

MAT 3646

Tritium Production
Cross Section

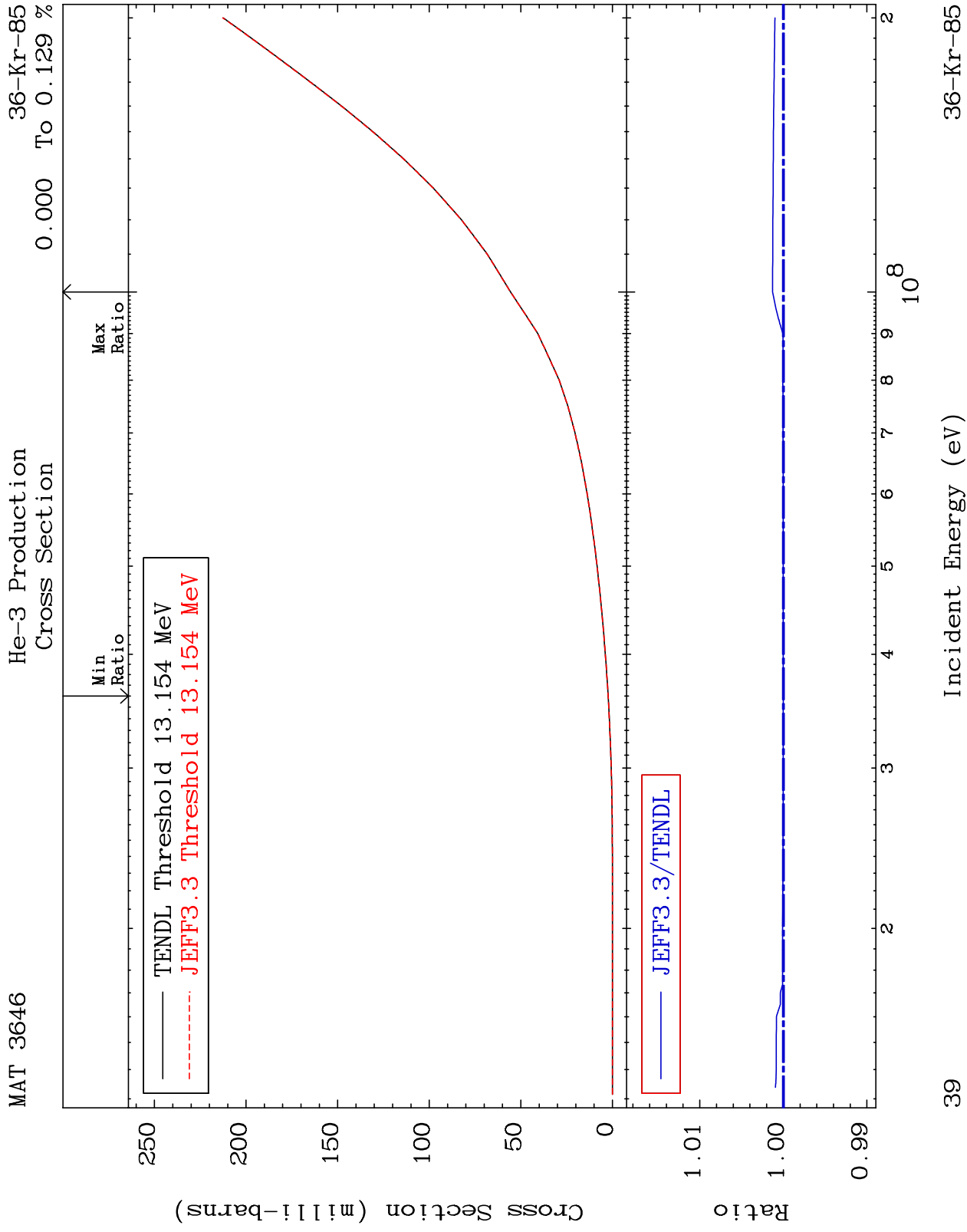
$^{36}\text{Kr-85}$
-1.567 To 0.301 %



38

Incident Energy (eV)

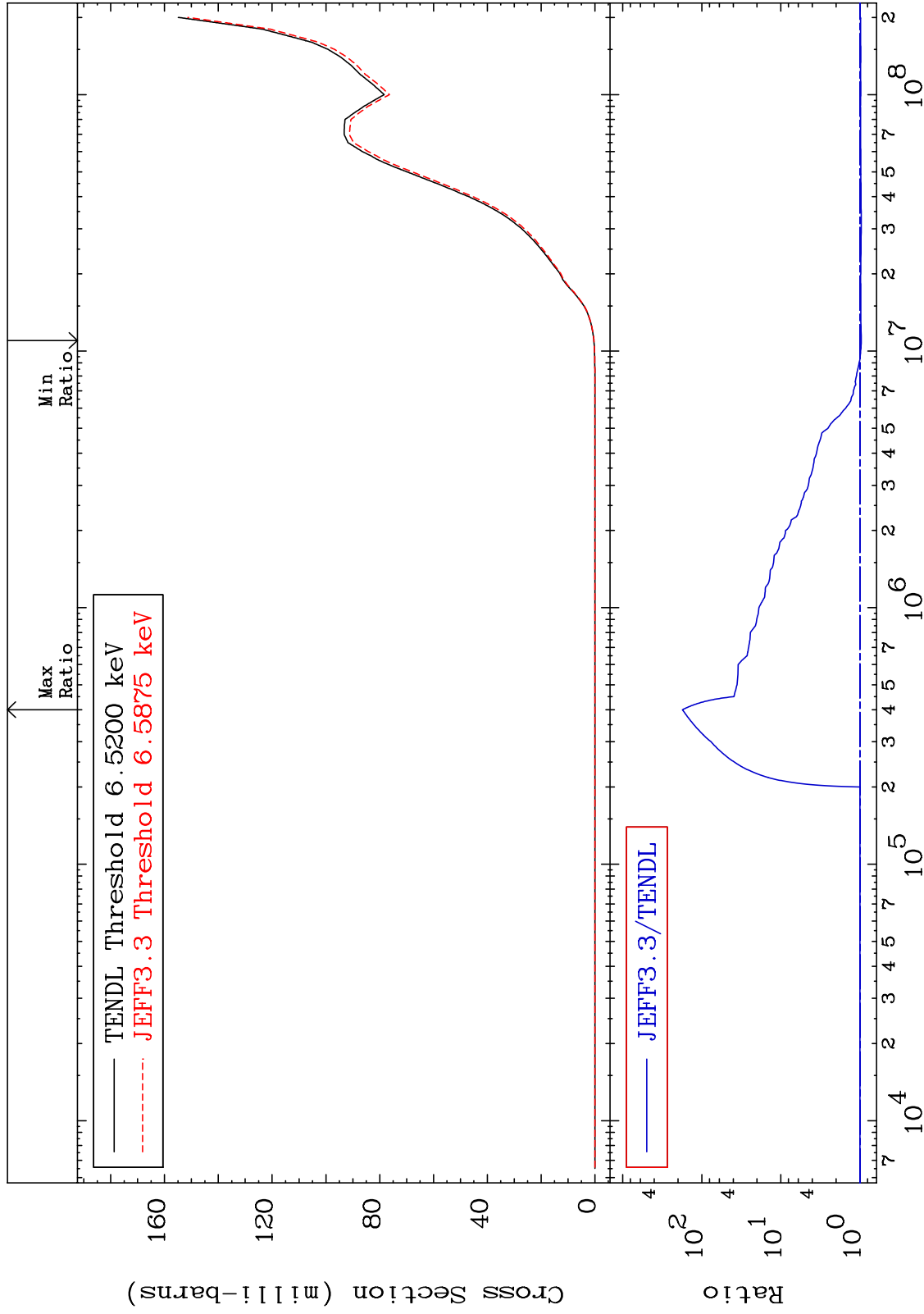
$^{36}\text{Kr-85}$



MAT 3646

He-4 Production
Cross Section

36-Kr-85
-4.082 To 9999. %

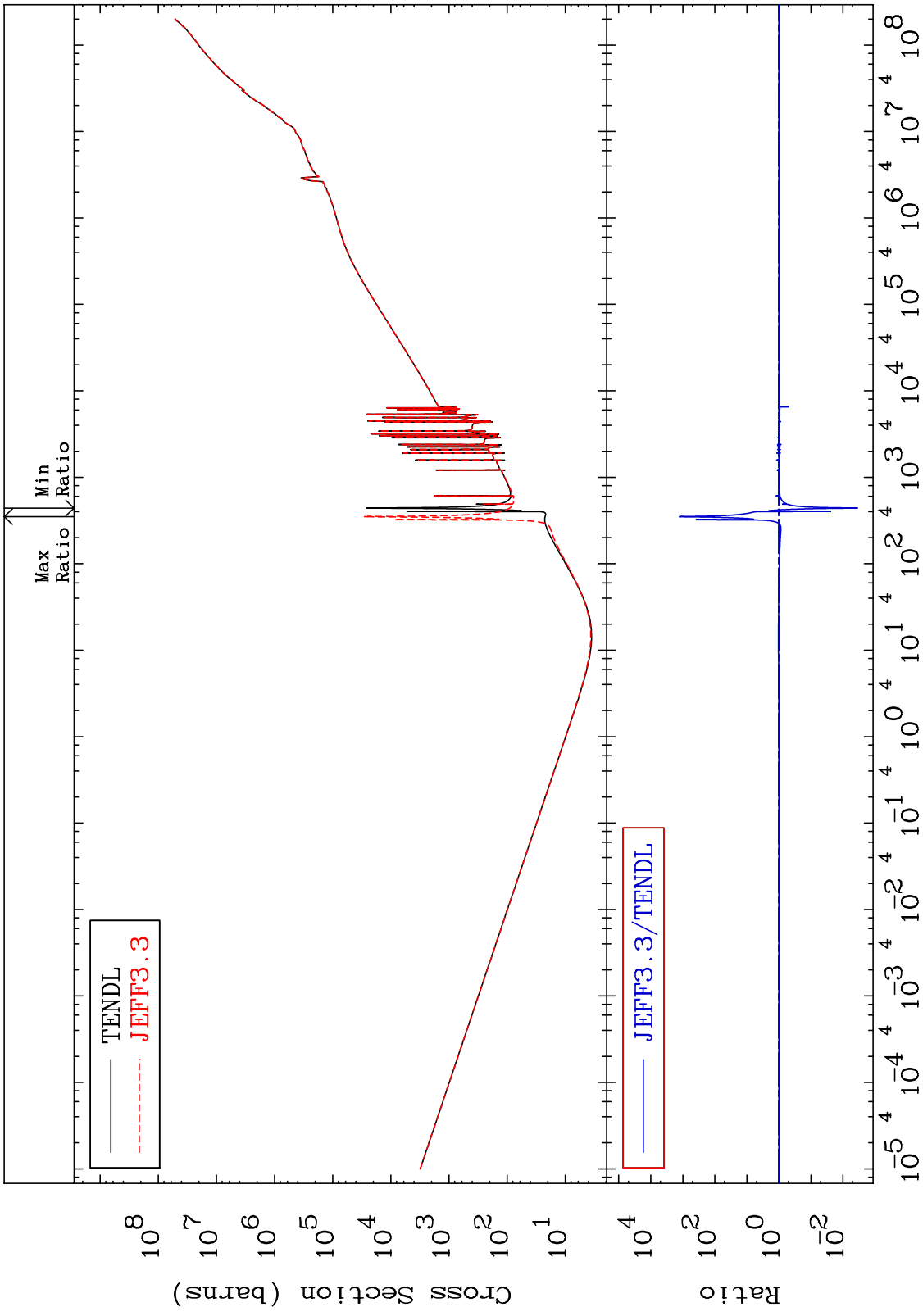


40

Incident Energy (eV)

36-Kr-85

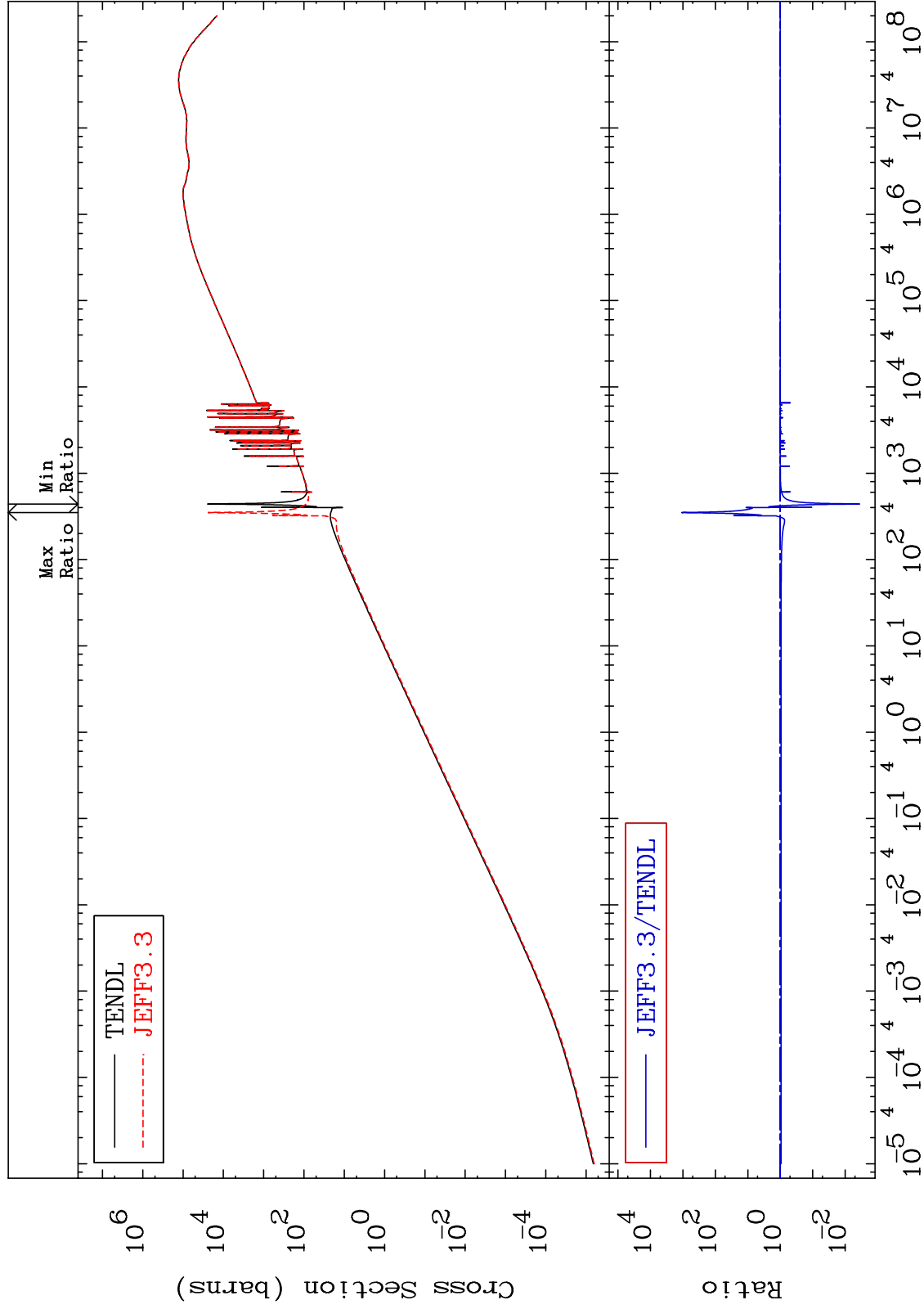
MAT 3646 Kerma total (eV-barns) 36-Kr-85
 Cross Section -99.66 To 9999. %



MAT 3646

Kerma elastic
Cross Section

36-Kr-85
-99.64 To 9999. %



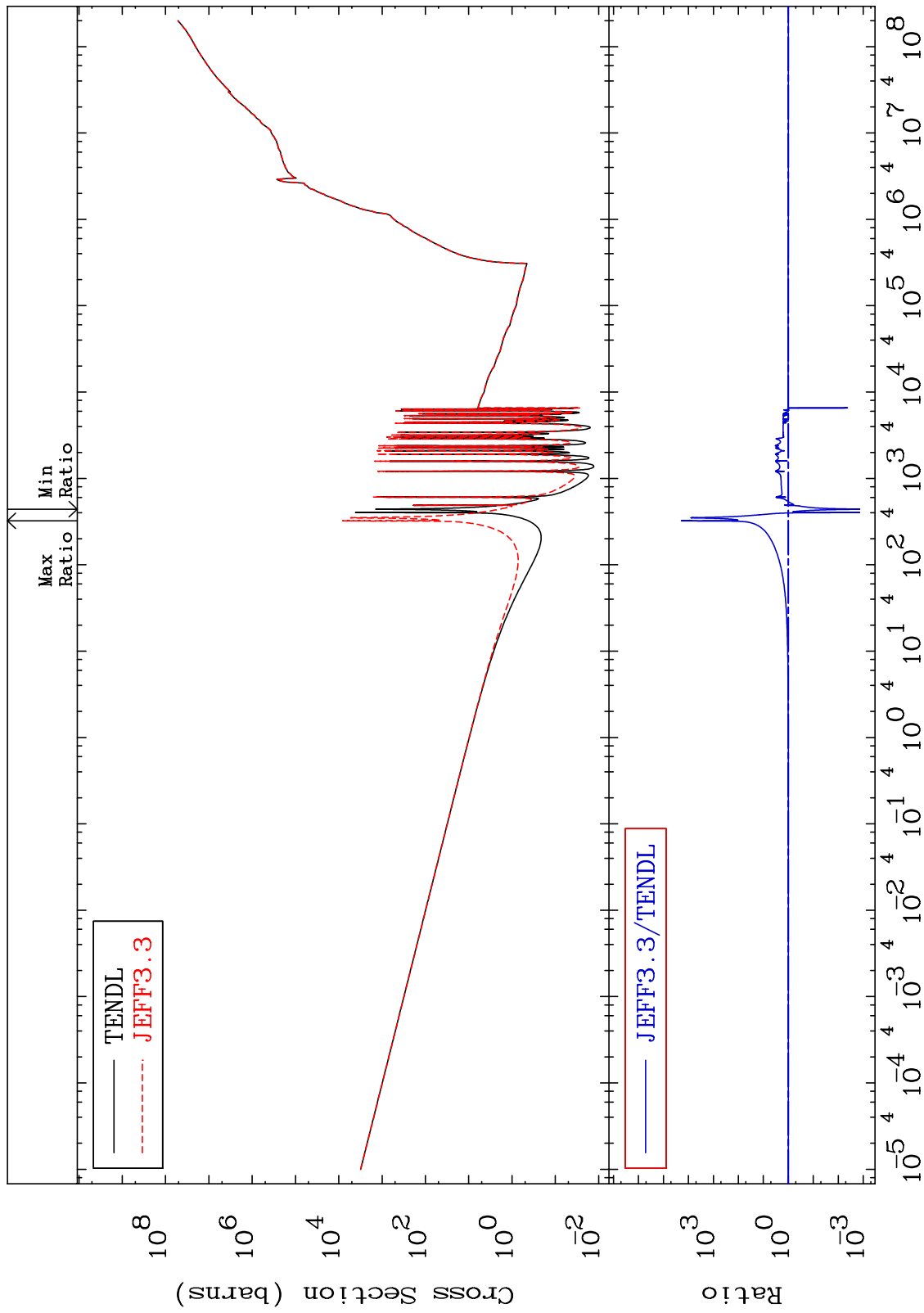
MAT 3646

Kerma non-elastic (all but mt2)

36-Kr-85

-99.86 To 9999. %

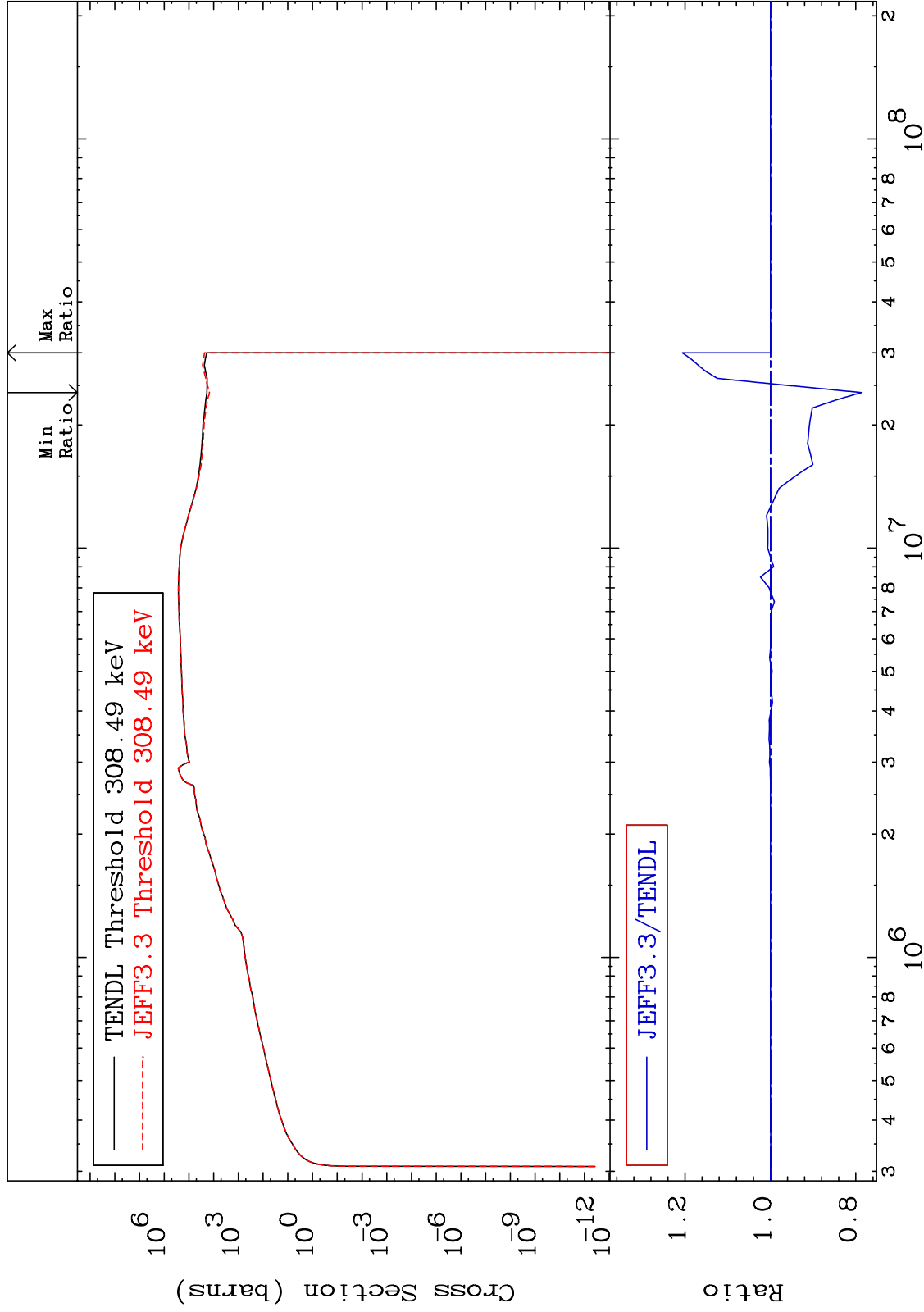
Cross Section



MAT 3646

Kerma inelastic (mt51-91)
Cross Section

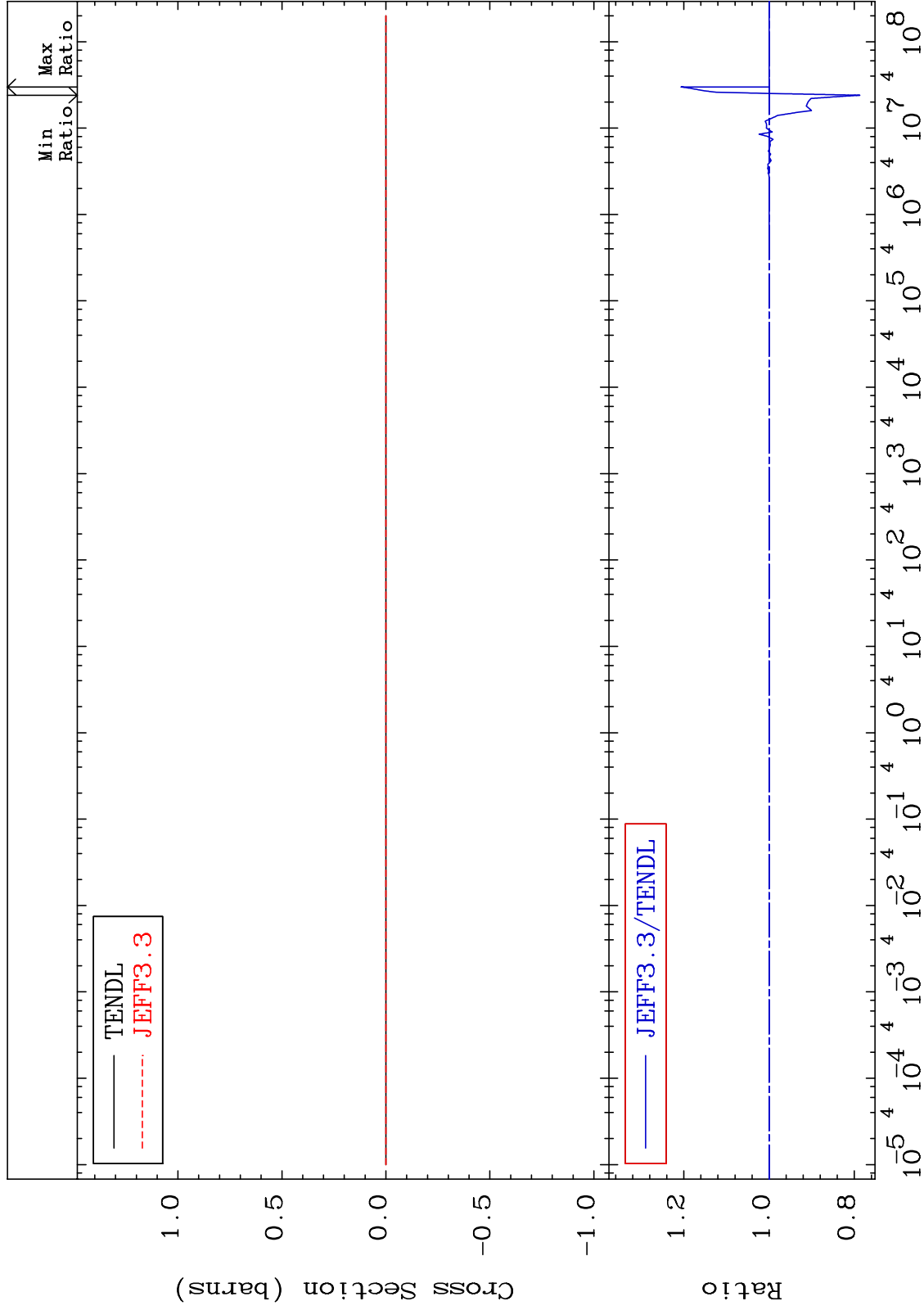
36-Kr-85
-21.27 To 20.61 %



MAT 3646

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

36-Kr-85
-21.27 To 20.61 %



45

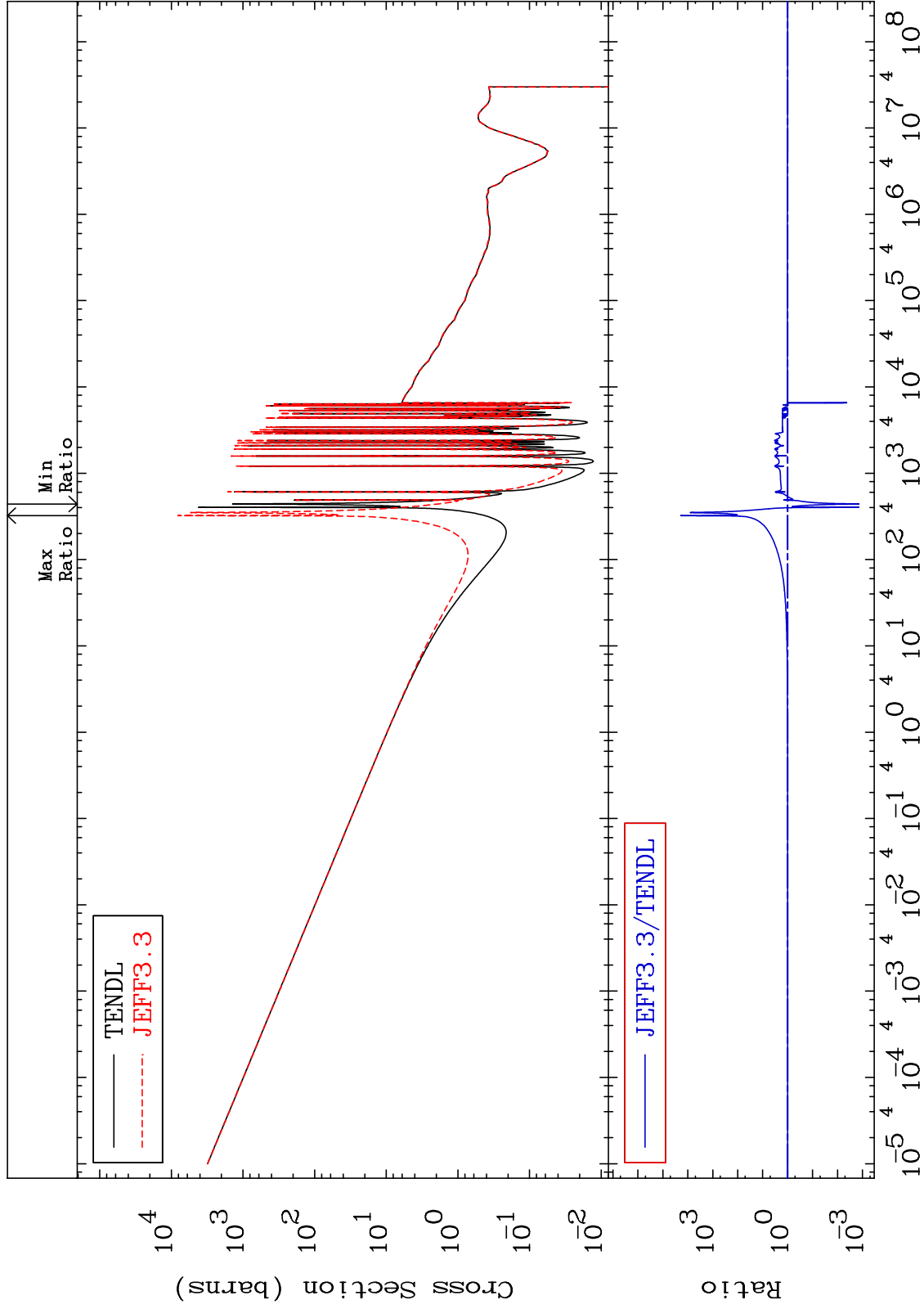
Incident Energy (eV)

36-Kr-85

MAT 3646

Kerma capture (mt102)
Cross Section

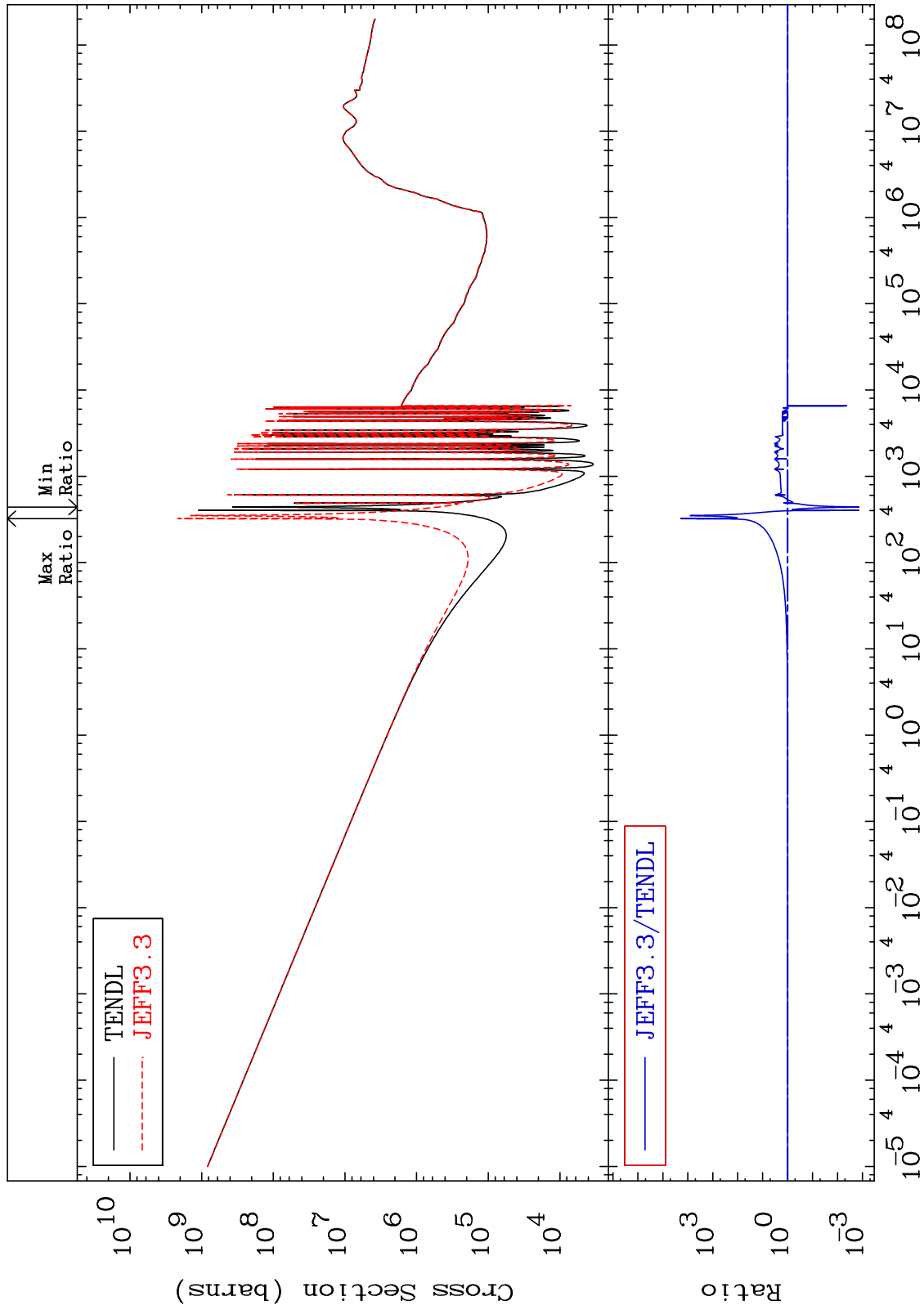
36-Kr-85
-99.86 To 9999. %



MAT 3646

Total photon (eV-barns)
Cross Section

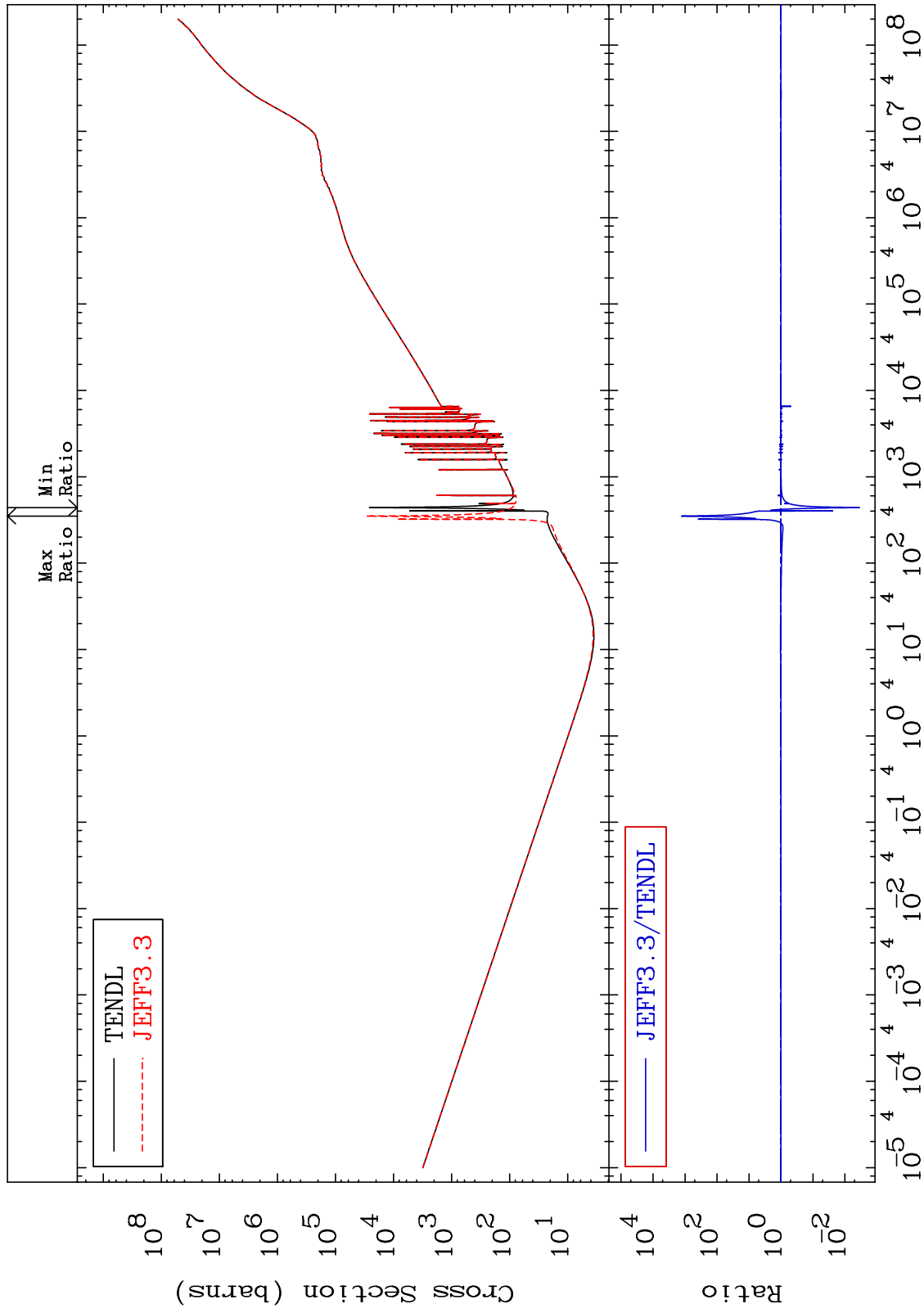
36-Kr-85
-99.86 To 9999. %



MAT 3646

Total kinematic kerma (high limit)
Cross Section

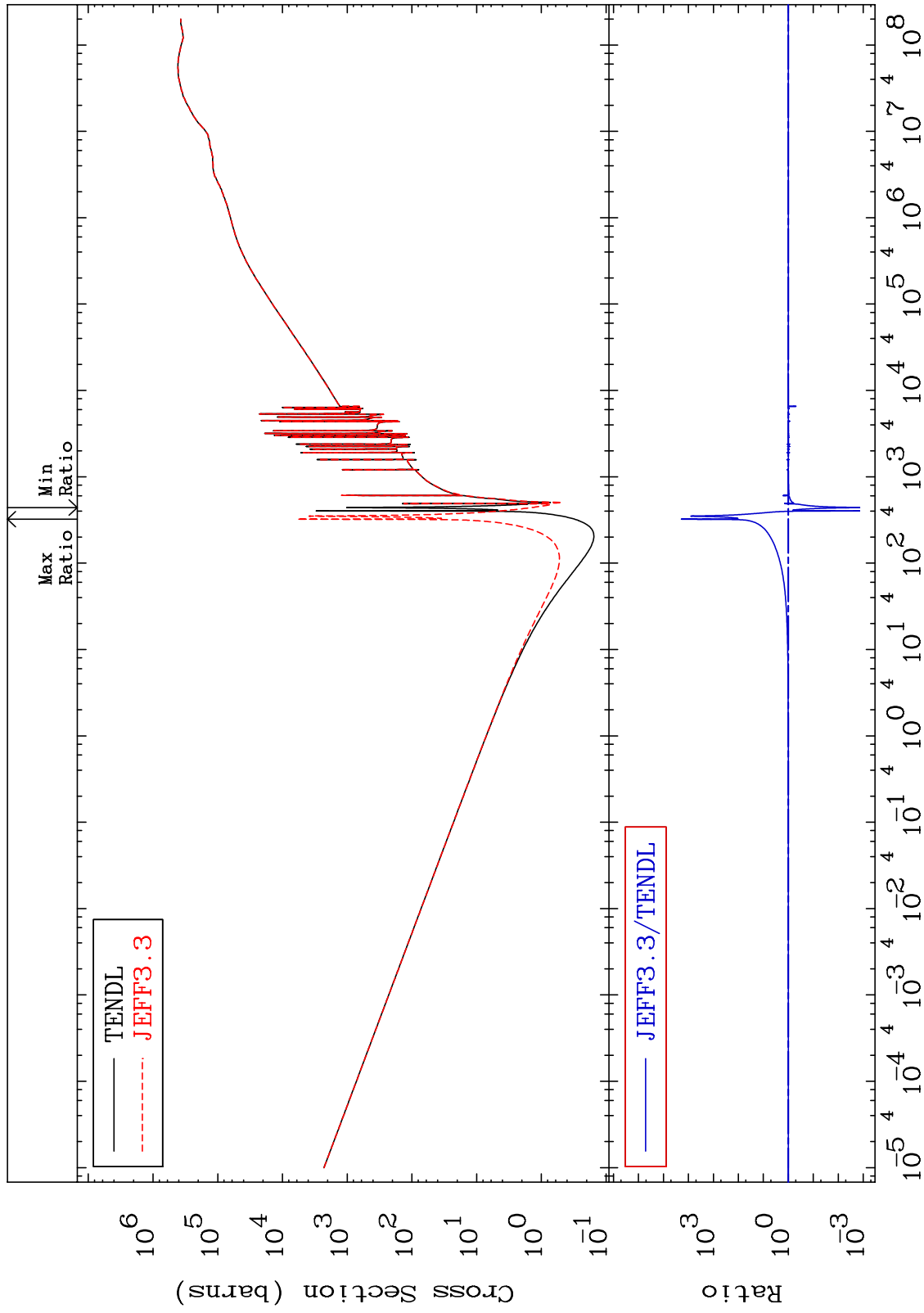
36-Kr-85
-99.66 To 9999. %



MAT 3646

Dpa total (eV-barns)
Cross Section

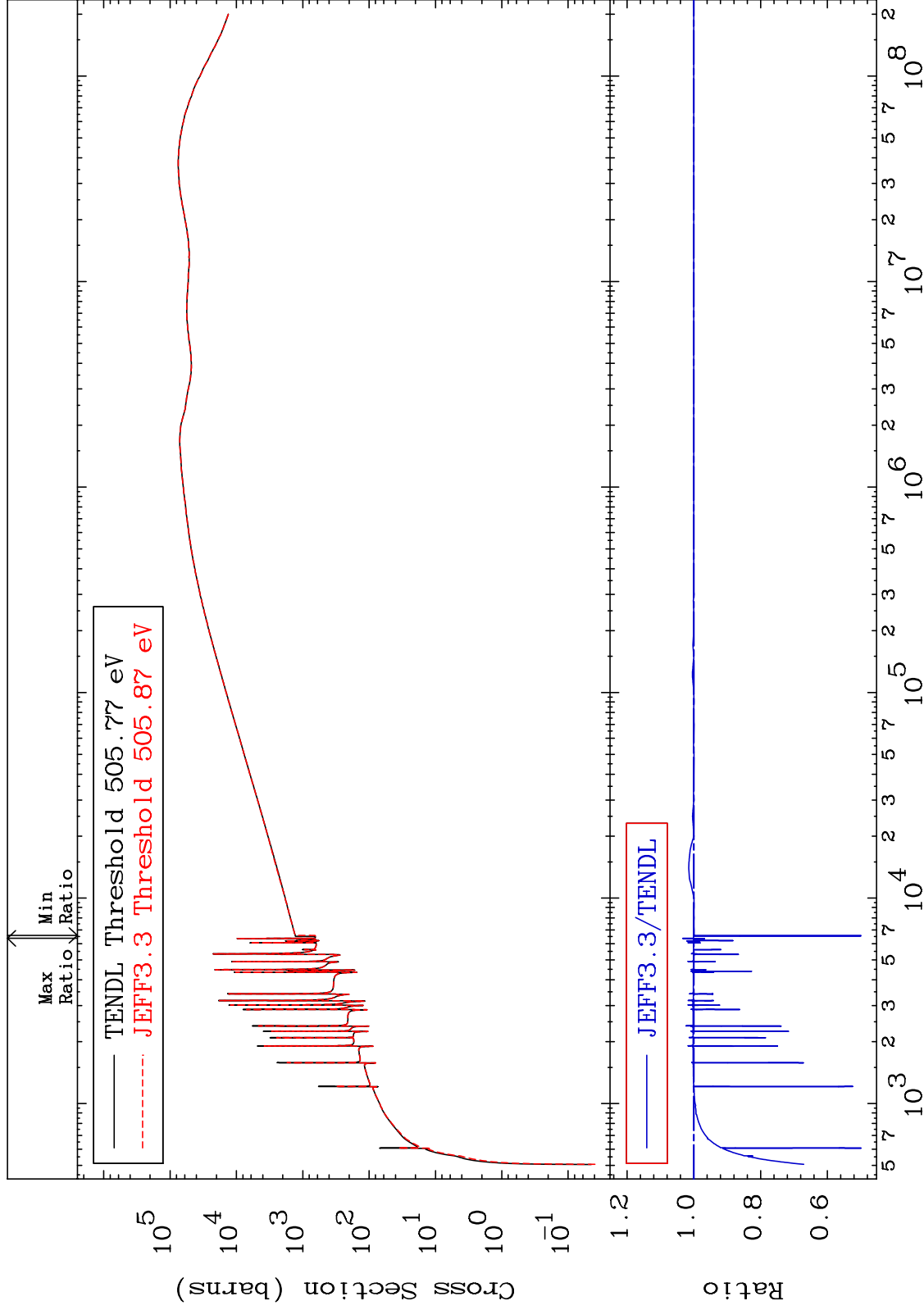
36-Kr-85
-99.86 To 9999. %



MAT 3646

Dpa elastic (mt2)
Cross Section

36-Kr-85
-50.19 To 3.415 %

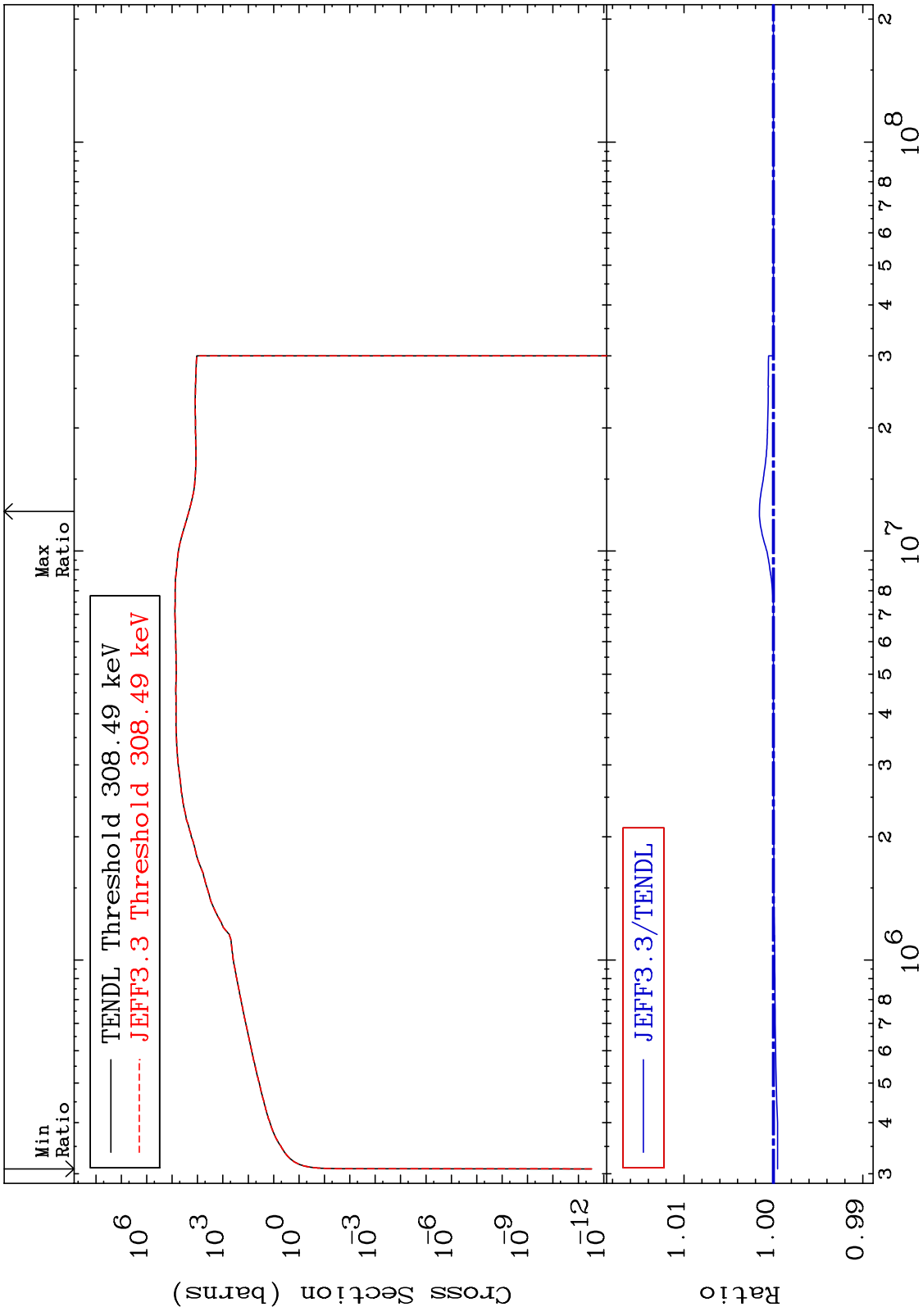


50

Incident Energy (eV)

36-Kr-85

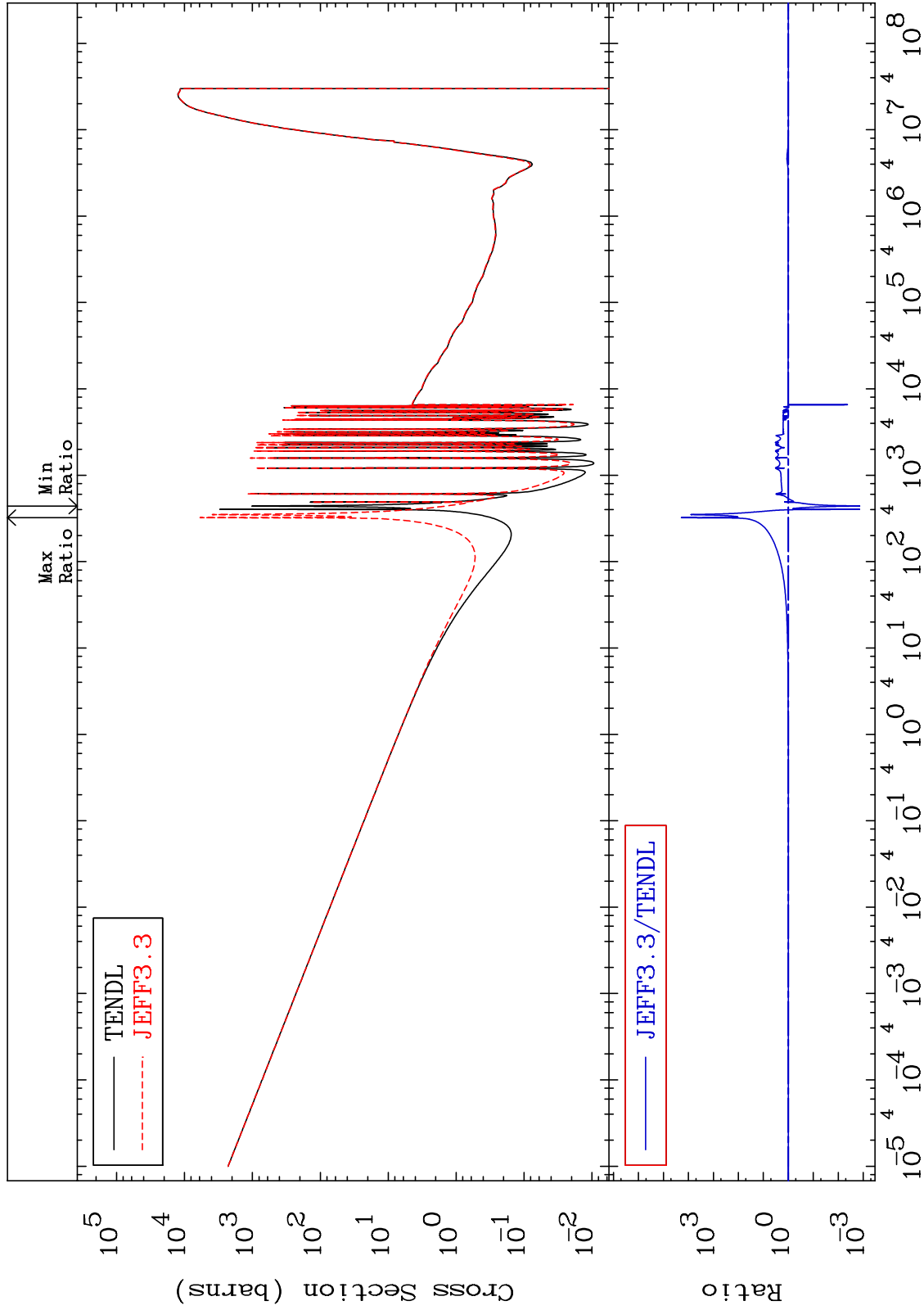
MAT 3646 Dpa inelastic (mt51-91) 36-Kr-85
 Cross Section -0.047 To 0.157 %



MAT 3646

Dpa disappearance (mt102 -120)
Cross Section

36-Kr-85
-99.86 To 9999. %

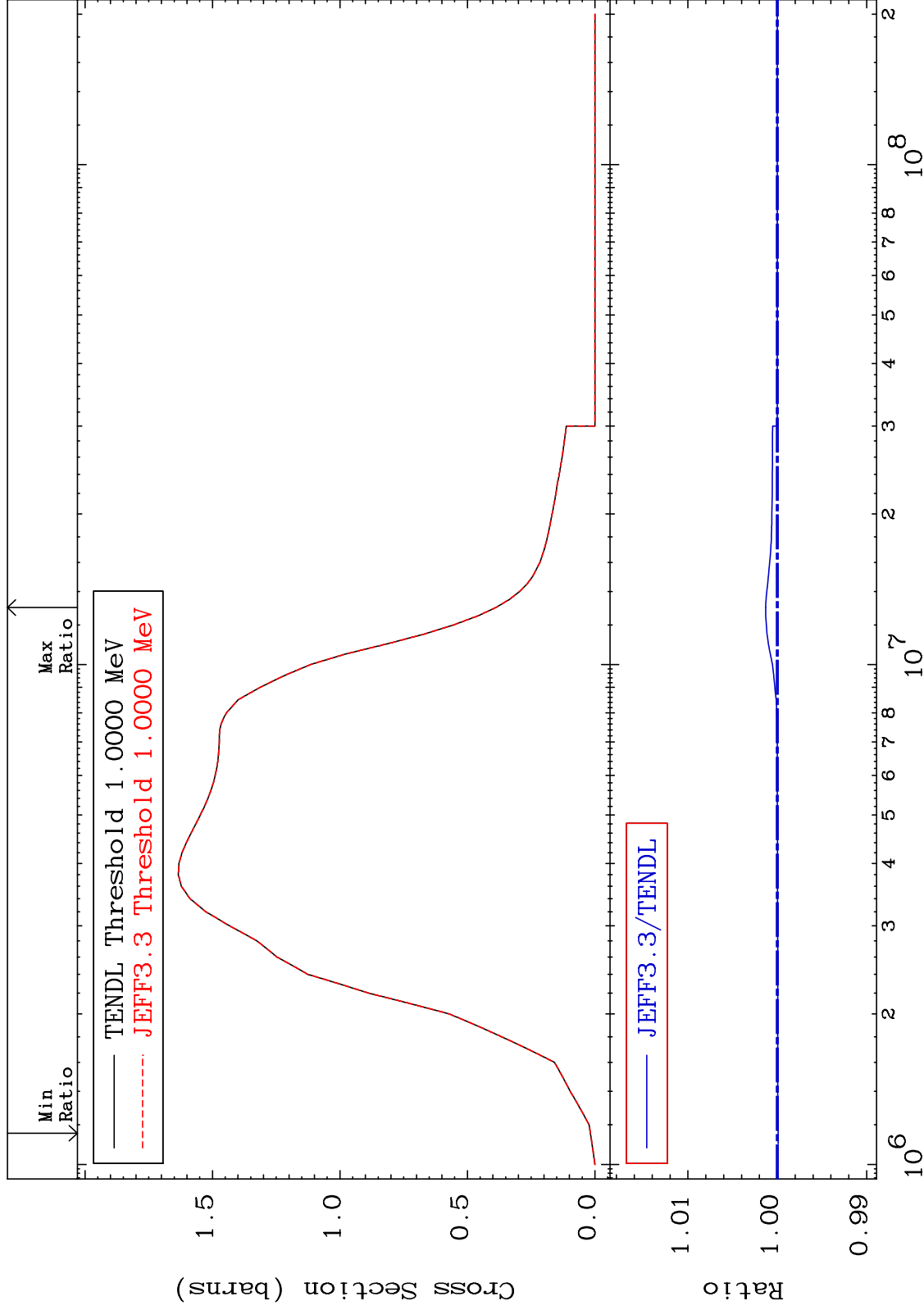


MAT 3646

Inelastic: 36-Kr-85g

36-Kr-85

Radionuclide Production Cross Section -0.009 To 0.130 %



53

Incident Energy (eV)

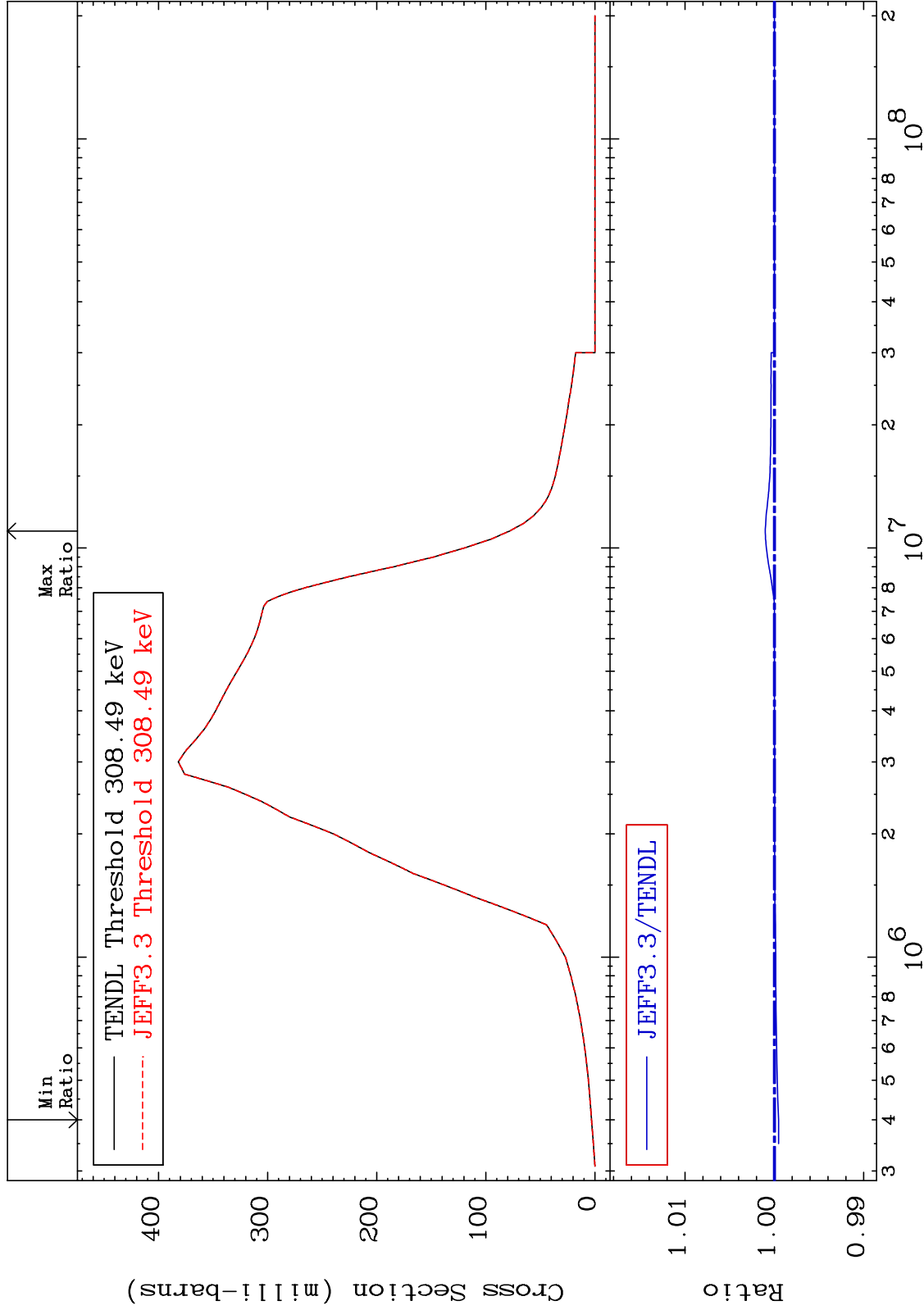
36-Kr-85

MAT 3646

Inelastic: 36-Kr-85m1

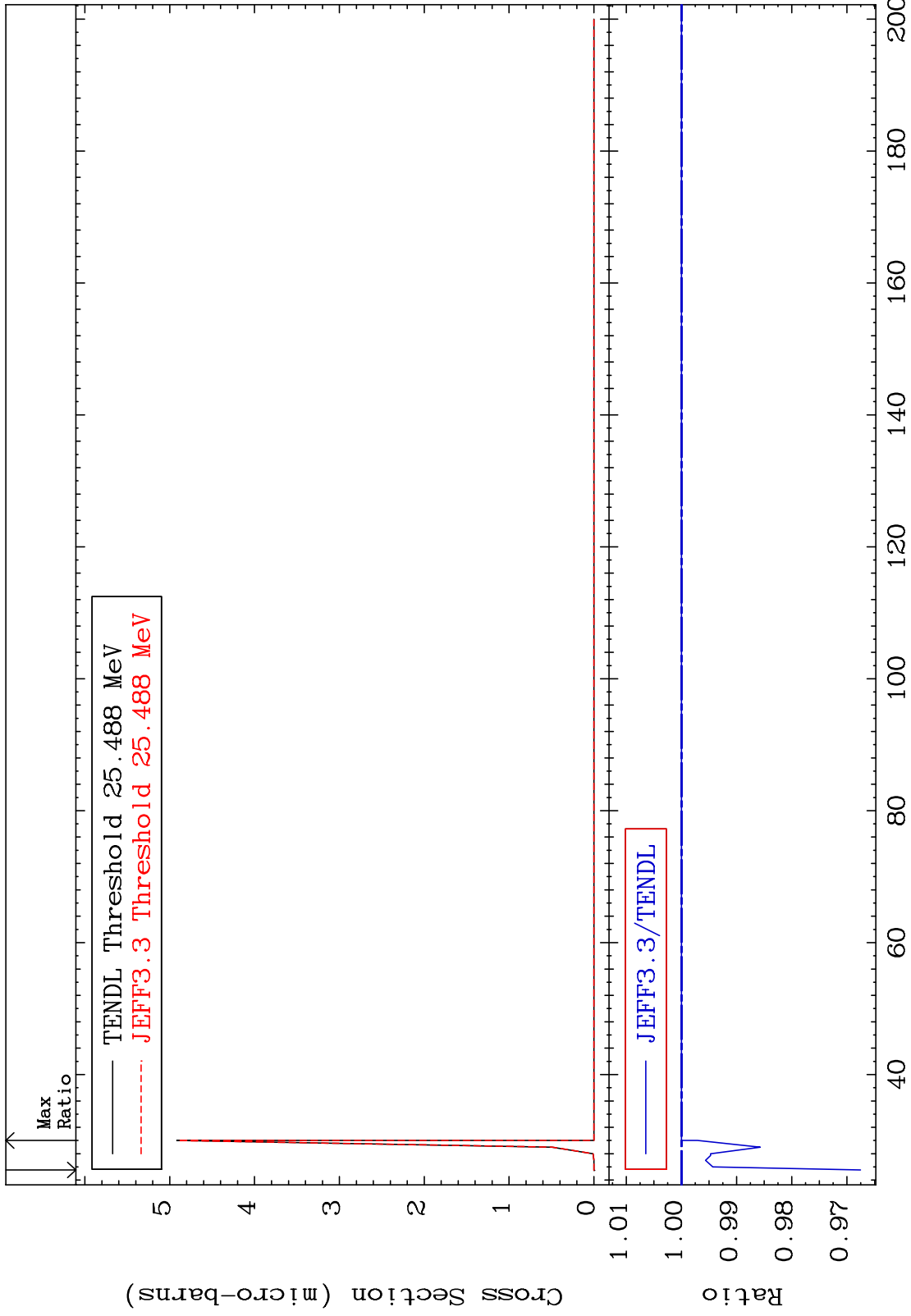
36-Kr-85

Radionuclide Production Cross Section -0.046 To 0.102 %



MAT 3646

(n,2n) d:35-Br-82g 36-Kr-85
Radionuclide Production Cross Section -3.245 To 0.000 %

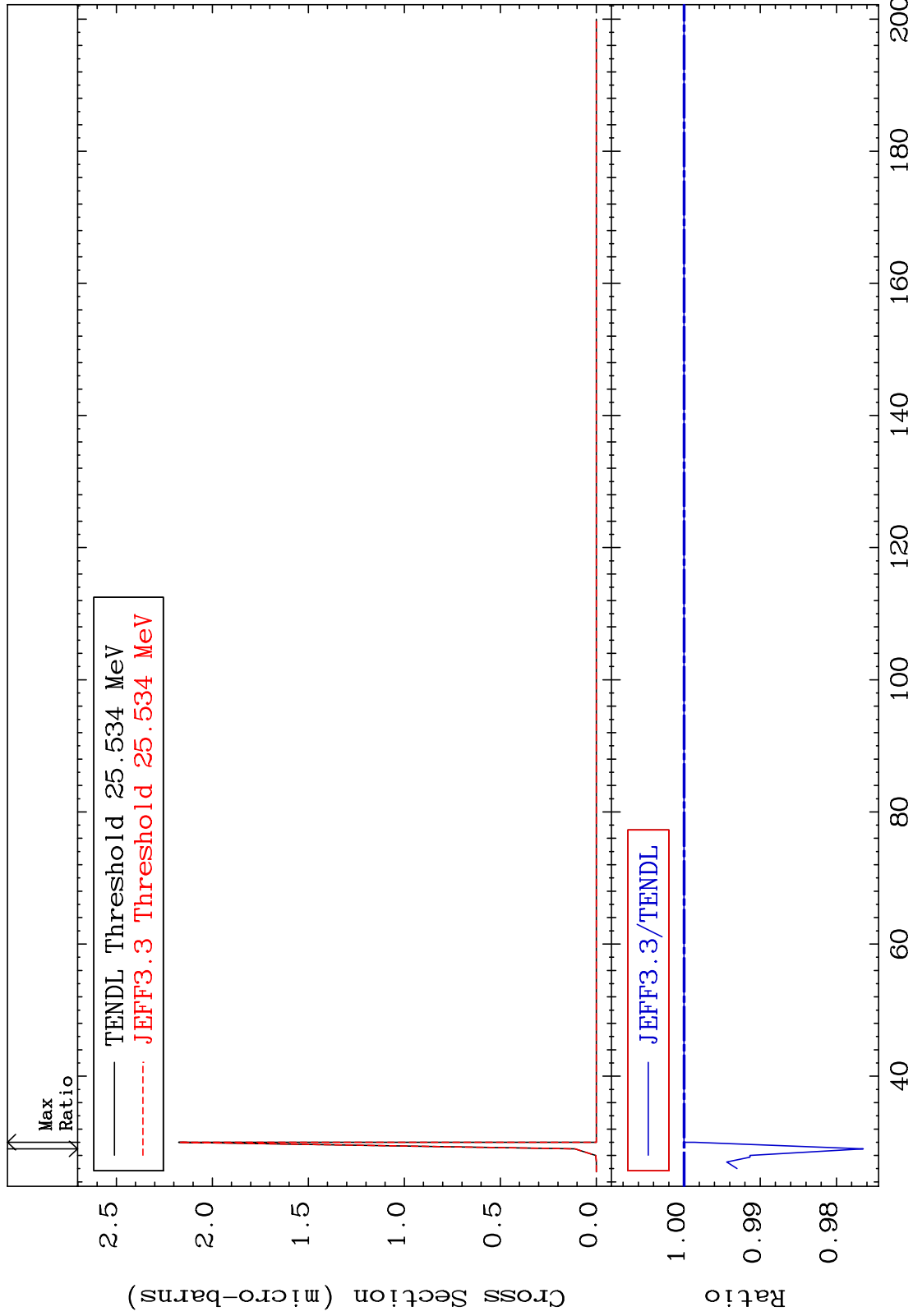


MAT 3646

(n,2n) d:35-Br-82m1

36-Kr-85

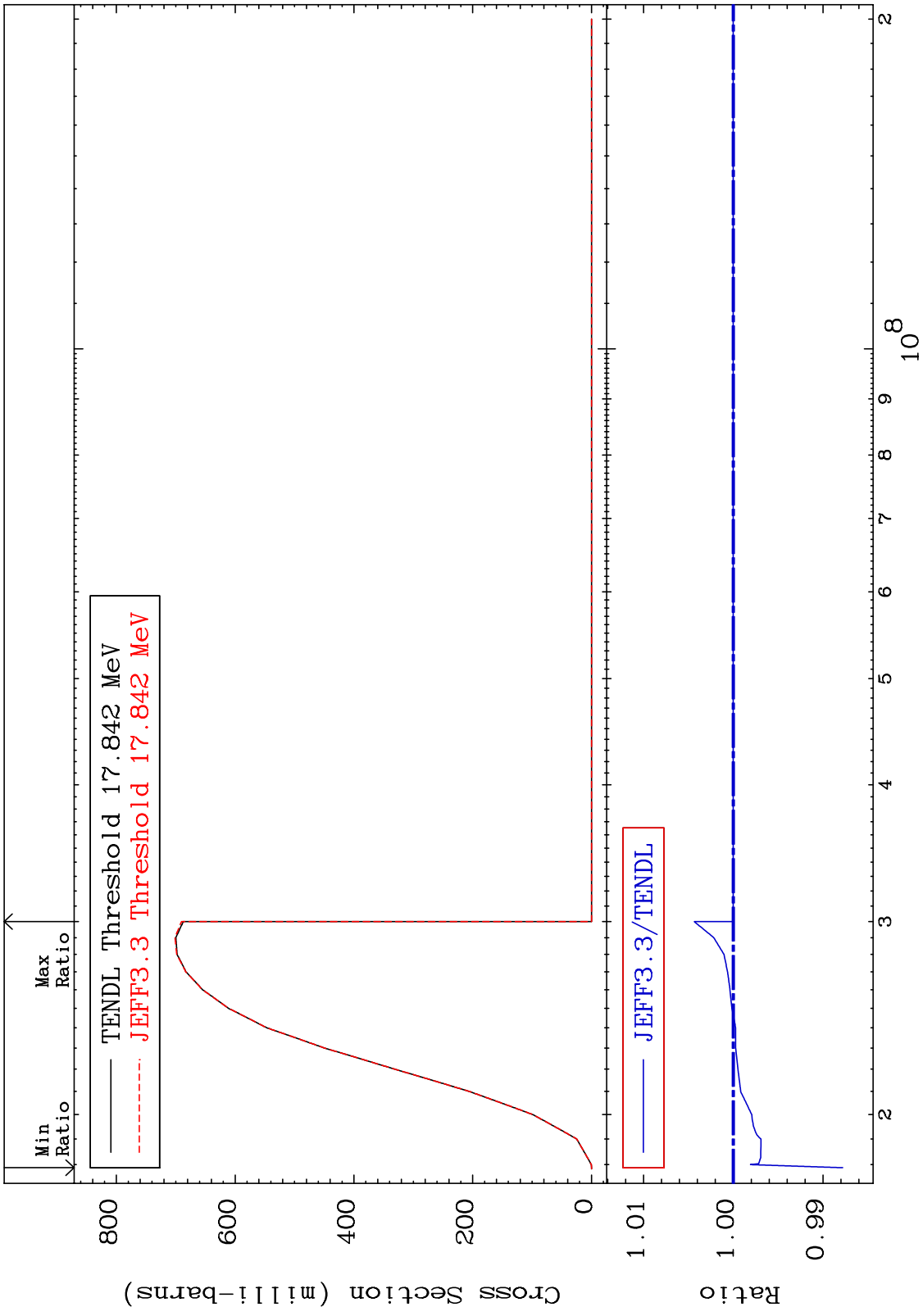
Radionuclide Production Cross Section -2.353 To 0.000 %



56

36-Kr-85

MAT 3646 (n,3n):36-Kr-83g 36-Kr-85
 Radionuclide Production Cross Section -1.219 To 0.436 %

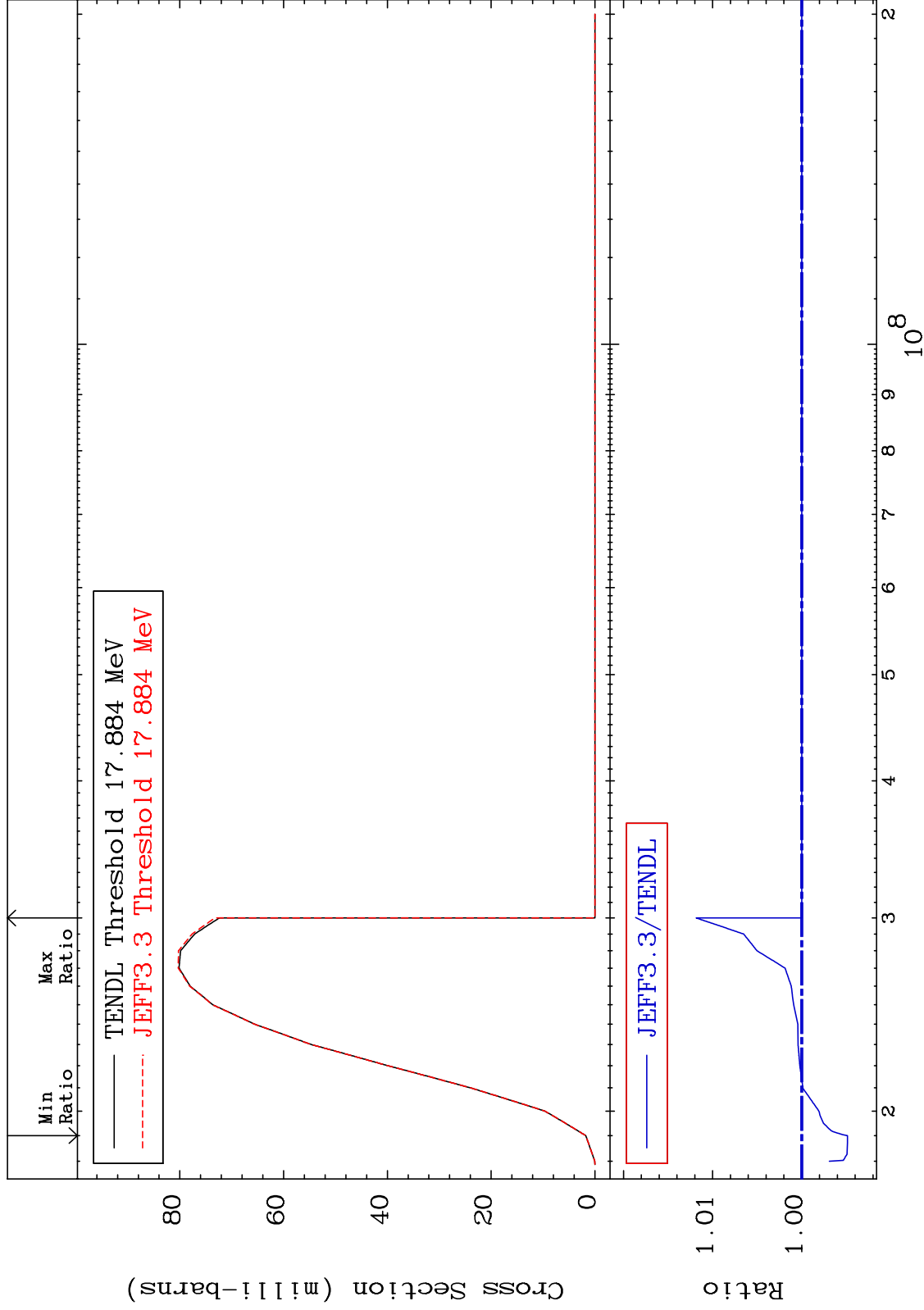


MAT 3646

(n, 3n) : 36-Kr-83m2

36-Kr-85

Radionuclide Production Cross Section -0.514 To 1.184 %



58

Incident Energy (eV)

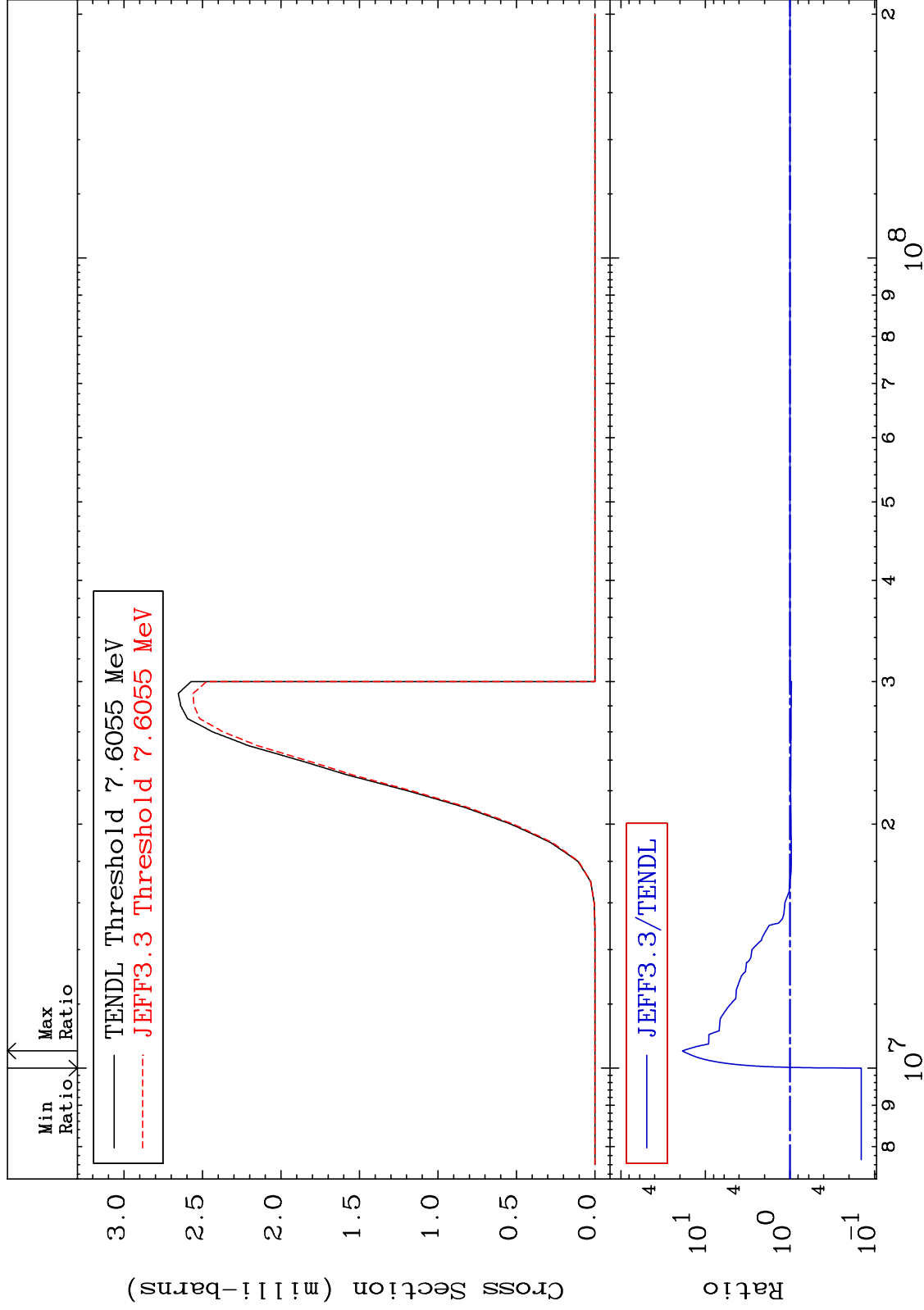
36-Kr-85

MAT 3646

(n, n') α : 34-Se-81g

36-Kr-85

Radionuclide Production Cross Section -85.67 To 1770. %

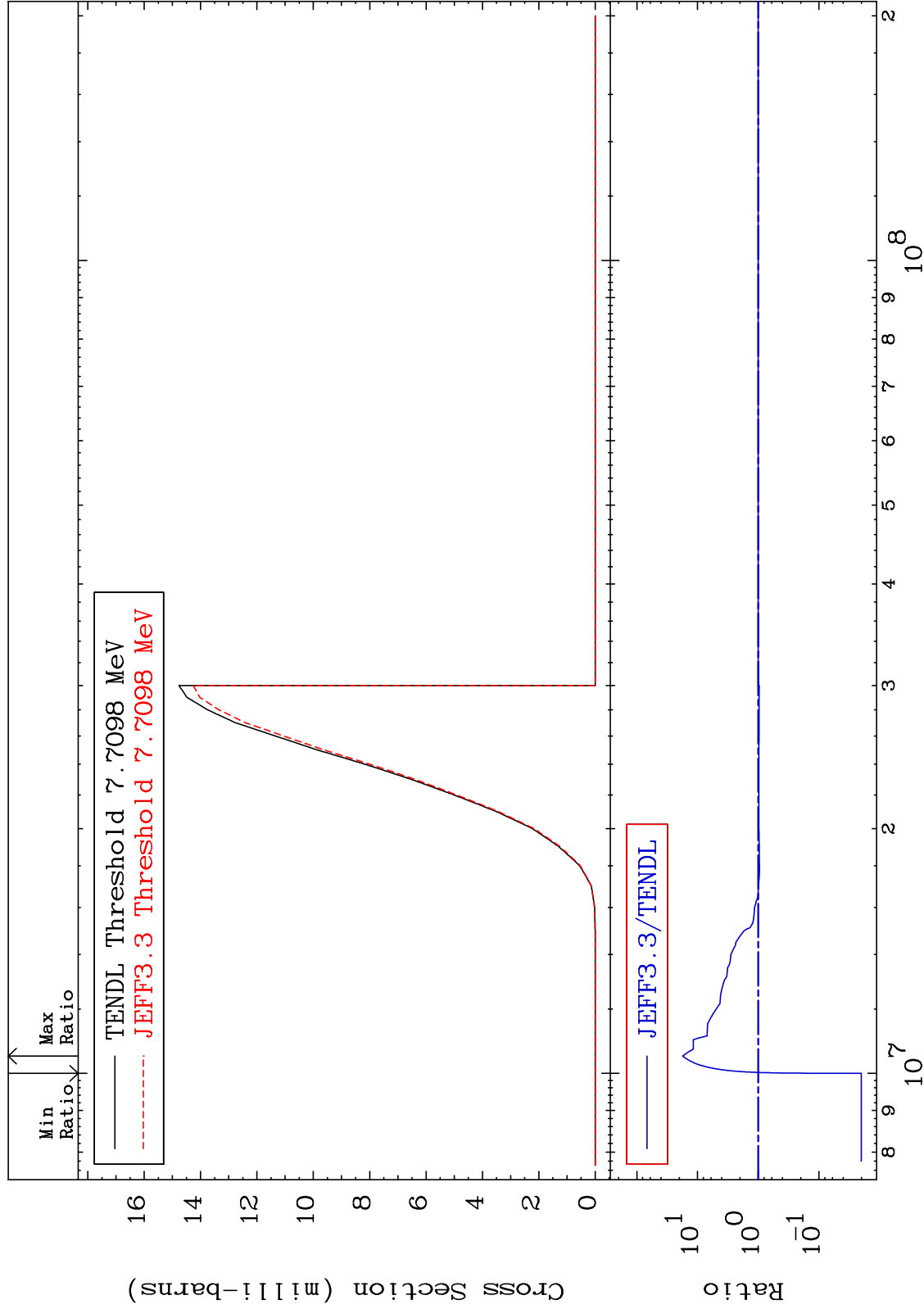


MAT 3646

(n, n') α :34-Se-81m1

36-Kr-85

Radionuclide Production Cross Section -97.99 To 1659. %



60

Incident Energy (eV)

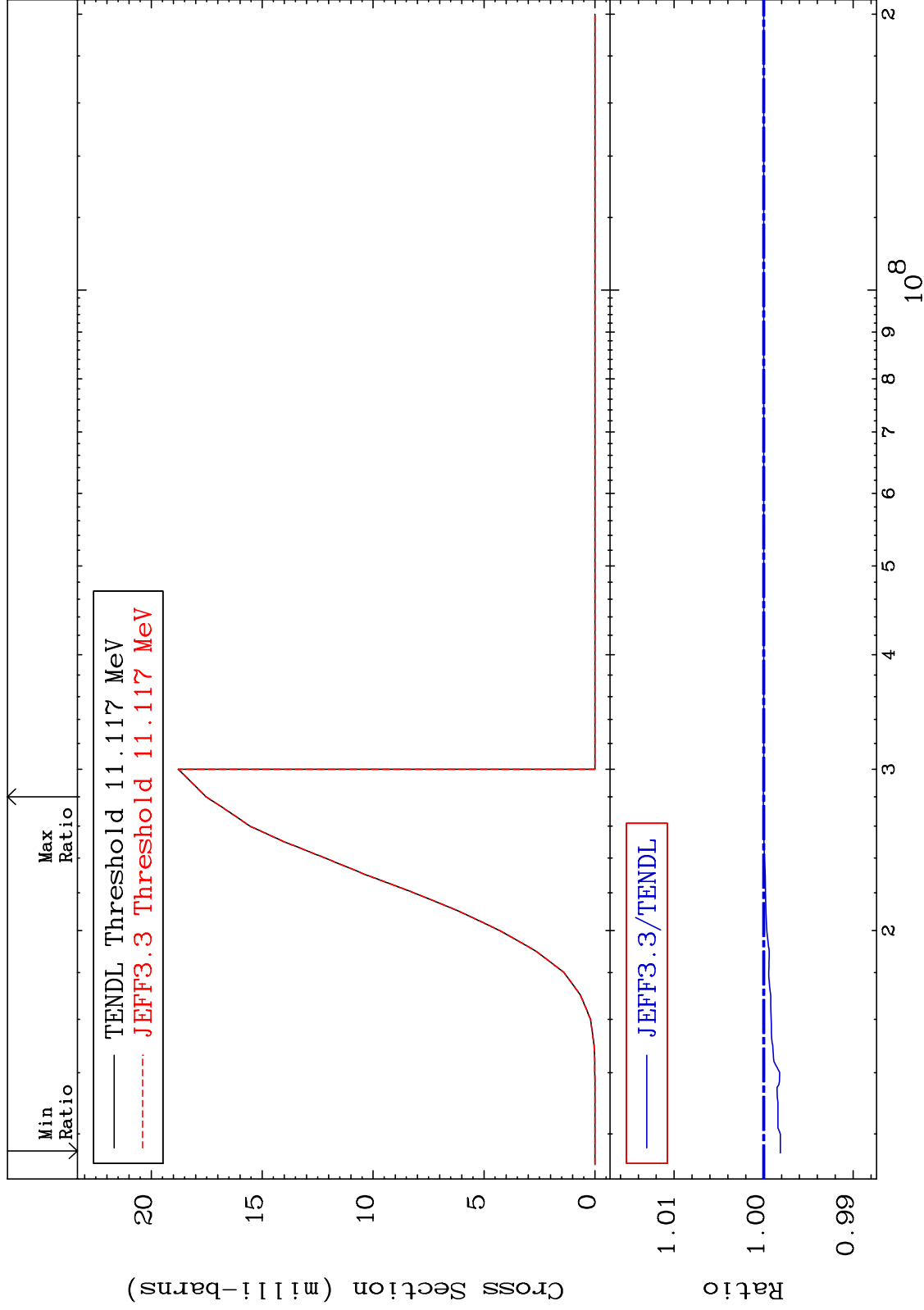
36-Kr-85

MAT 3646

(n, n') p:35-Br-84g

36-Kr-85

Radionuclide Production Cross Section -0.188 To 0.004 %

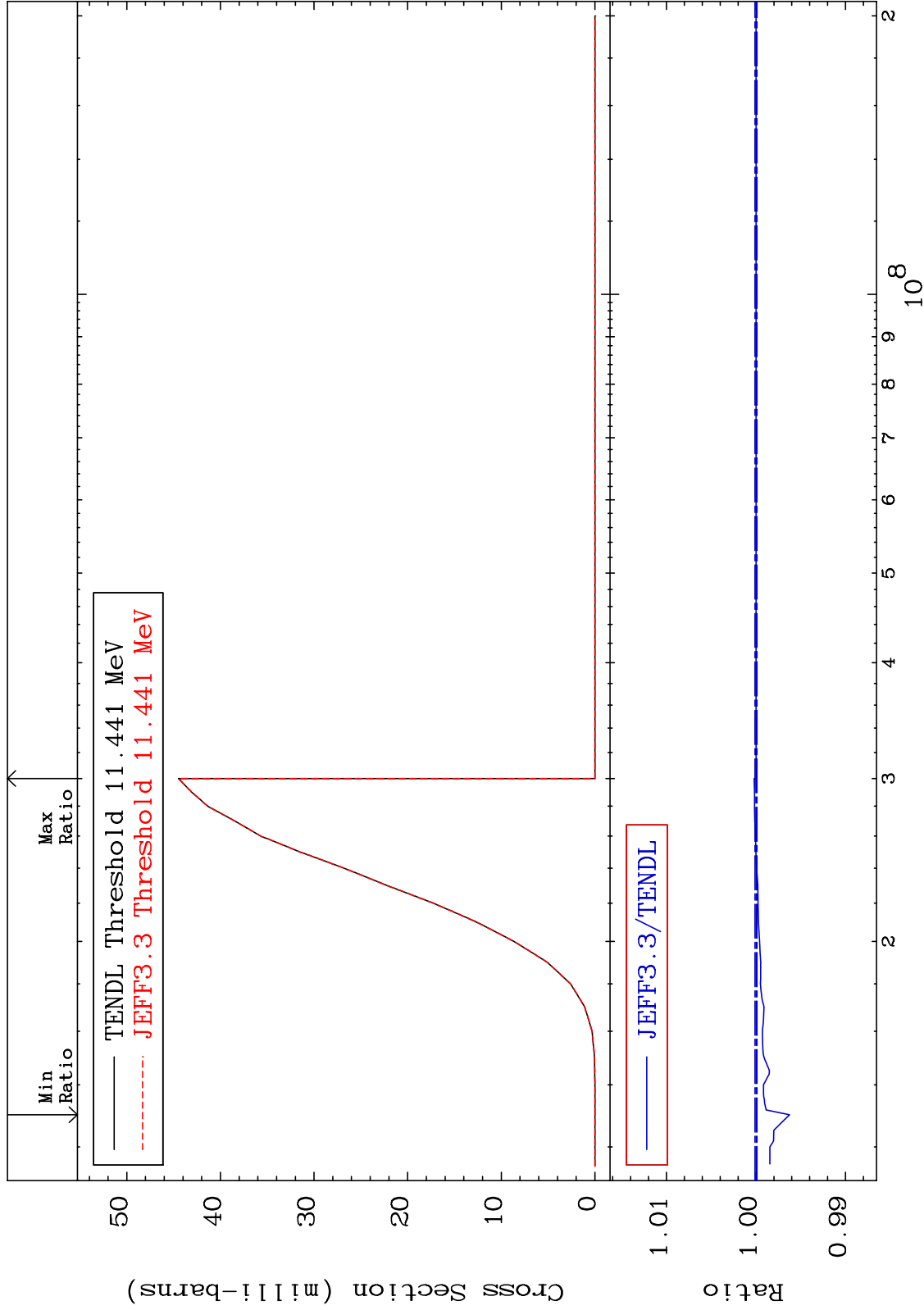


MAT 3646

(n, n') p:35-Br-84m1

36-Kr-85

Radionuclide Production Cross Section -0.375 To 0.020 %



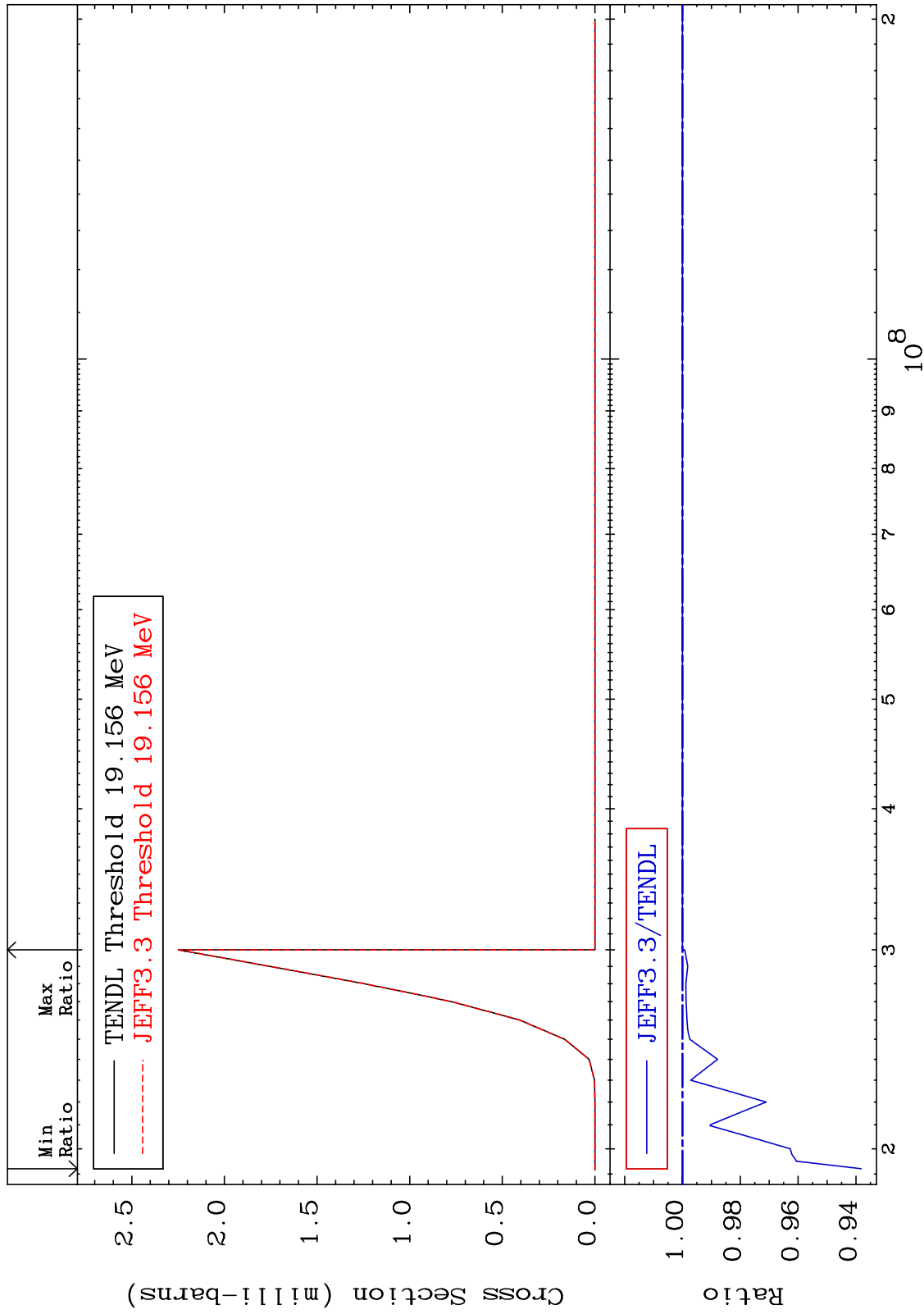
62

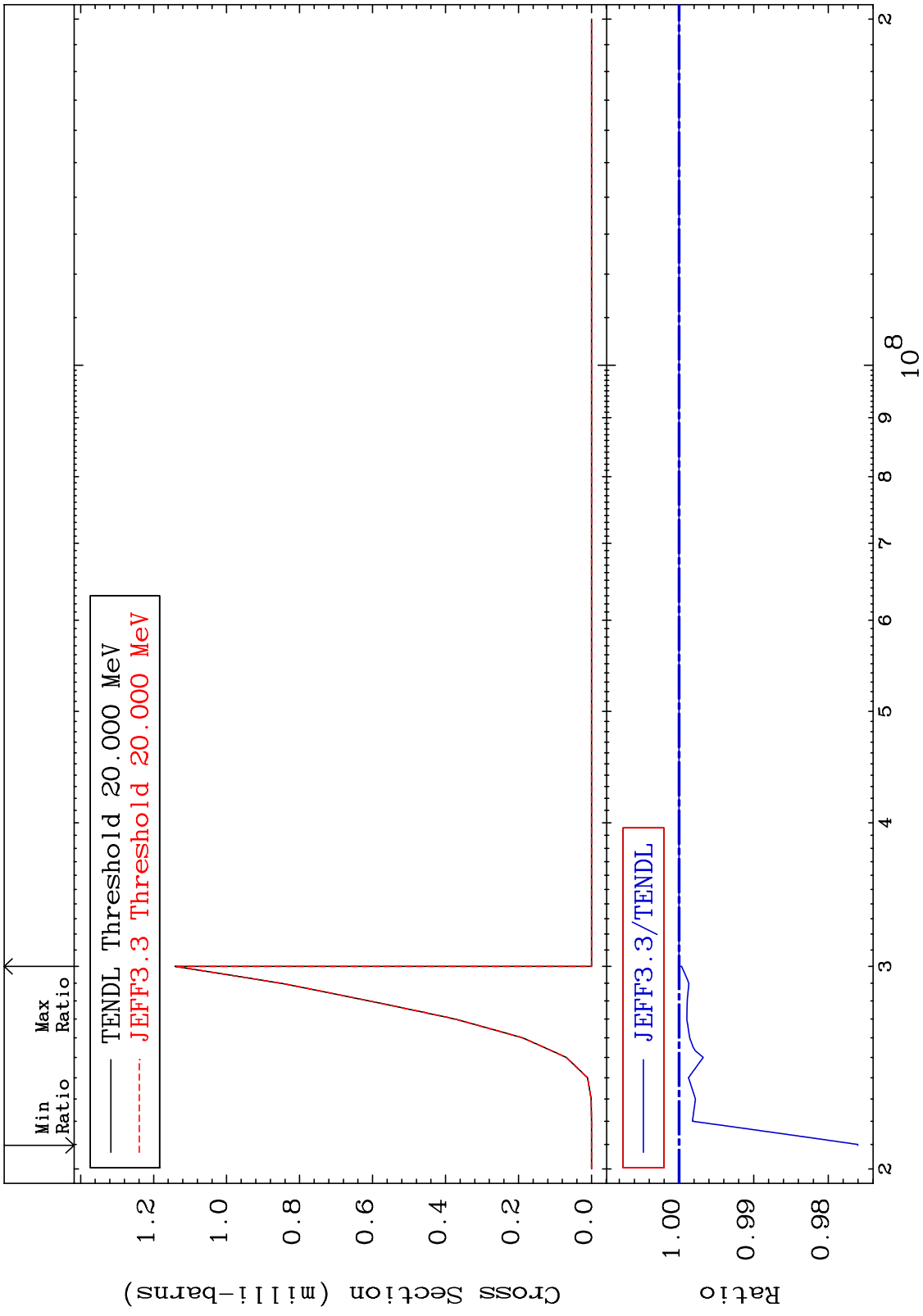
Incident Energy (eV)

36-Kr-85

MAT 3646

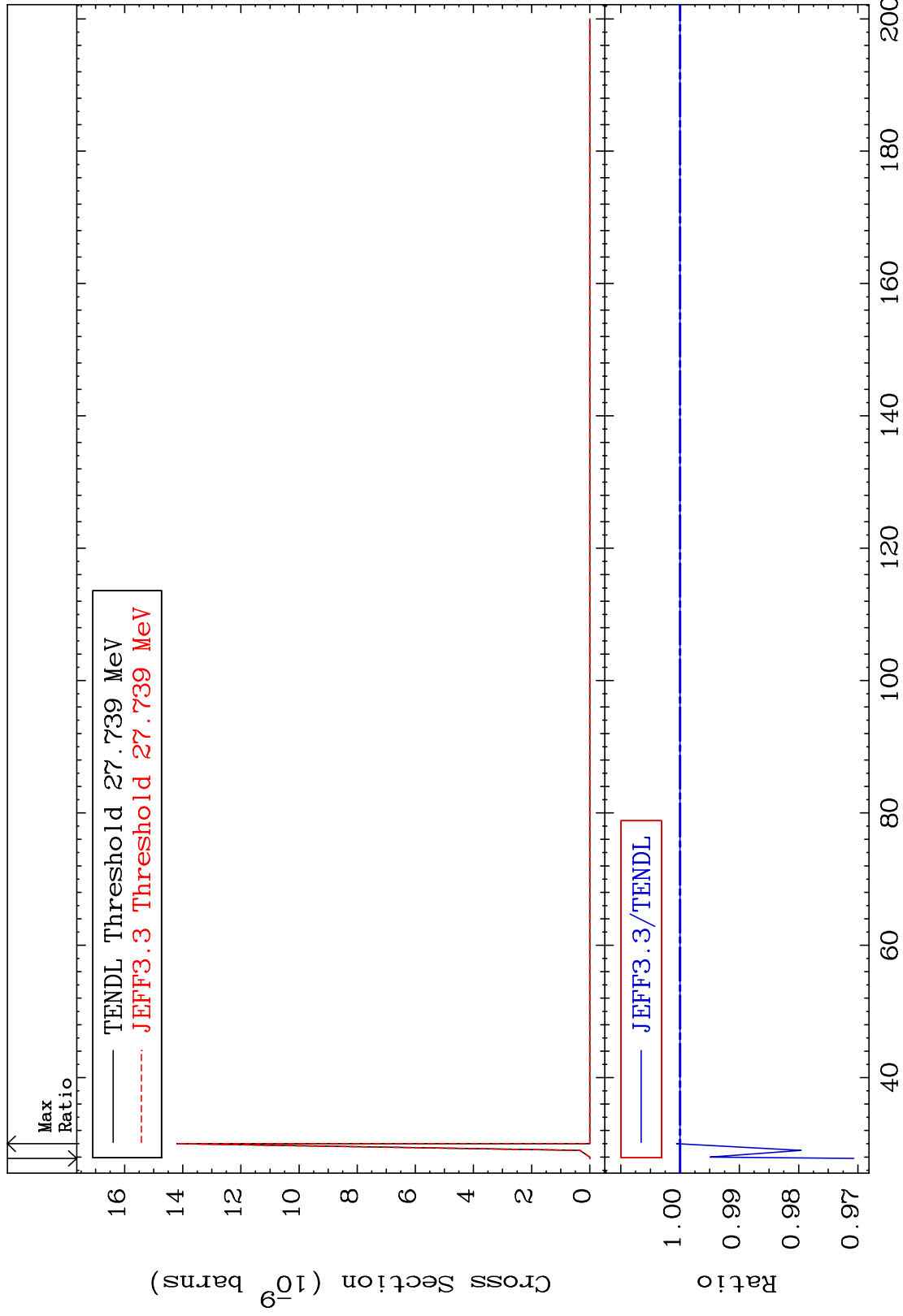
(n,n') t: 35-Br-82g 36-Kr-85
Radionuclide Production Cross Section -6.184 To 0.000 %





MAT 3646

(n,3n) p:35-Br-82g 36-Kr-85
Radionuclide Production Cross Section -2.931 To 0.059 %



65

Incident Energy (MeV)

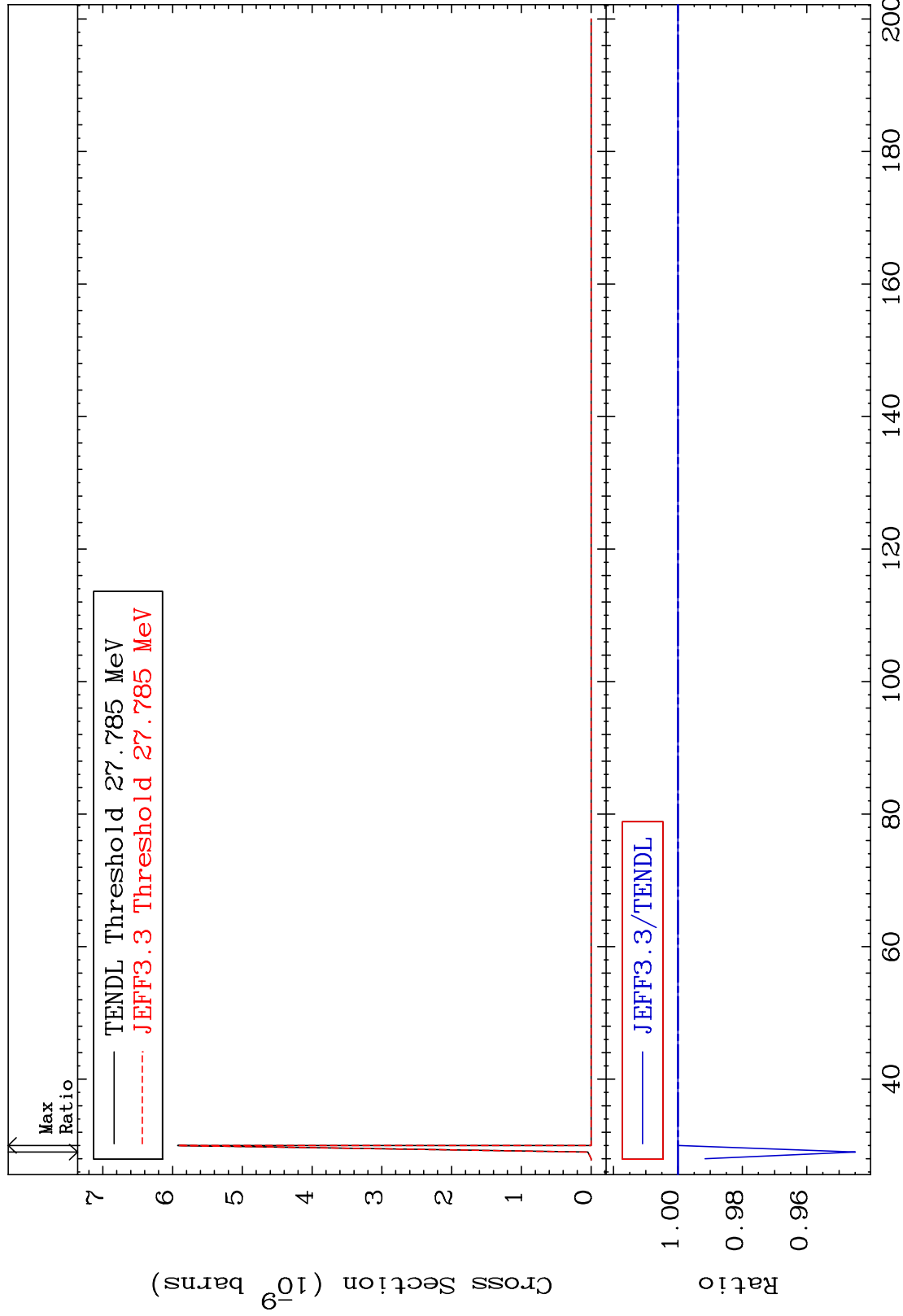
36-Kr-85

MAT 3646

(n,3n) p:35-Br-82m1

36-Kr-85

Radionuclide Production Cross Section -5.509 To 0.000 %



66

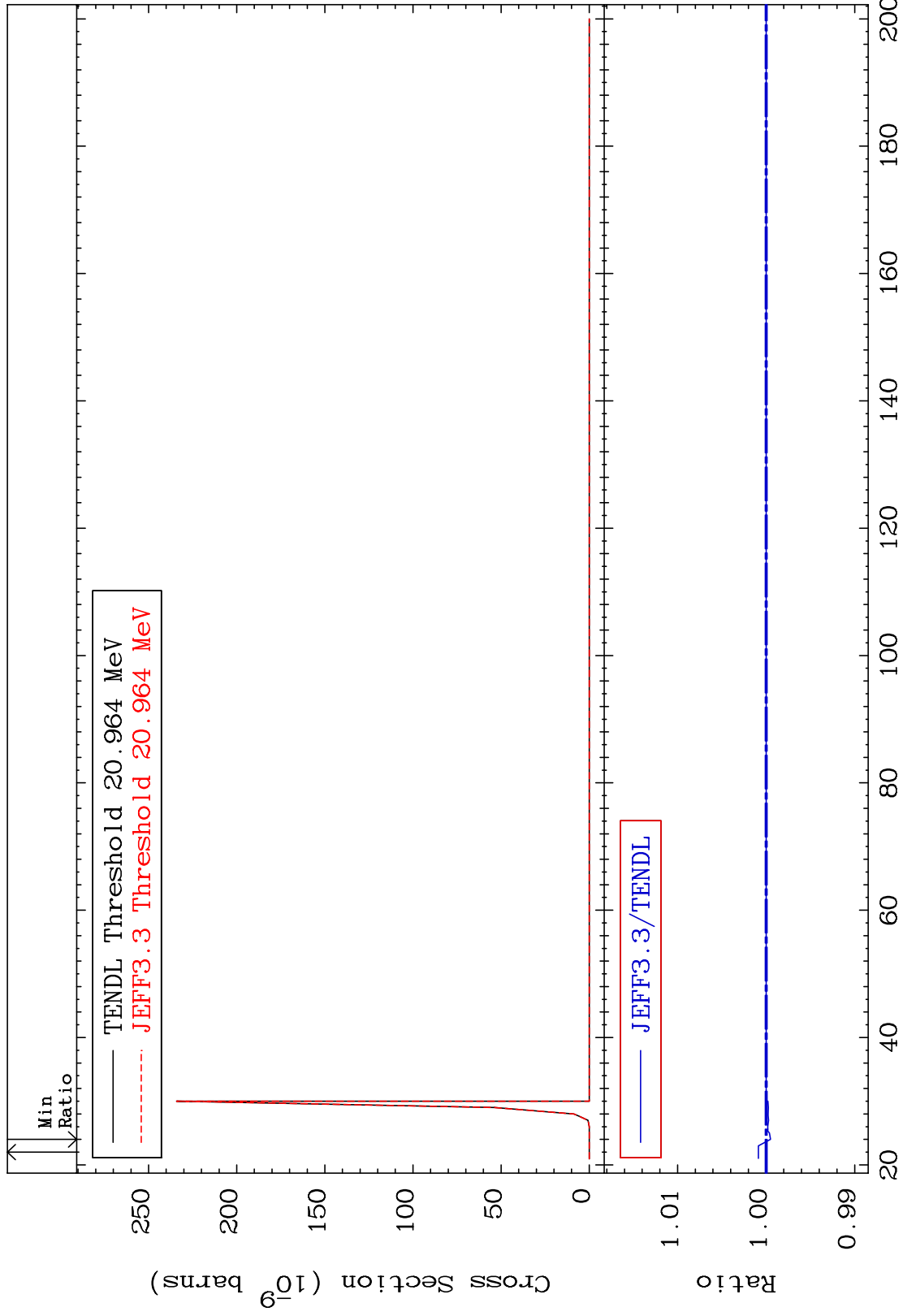
36-Kr-85

MAT 3646

(n,2n) p:34-Se-83g

36-Kr-85

Radionuclide Production Cross Section -0.050 To 0.086 %



67

Incident Energy (MeV)

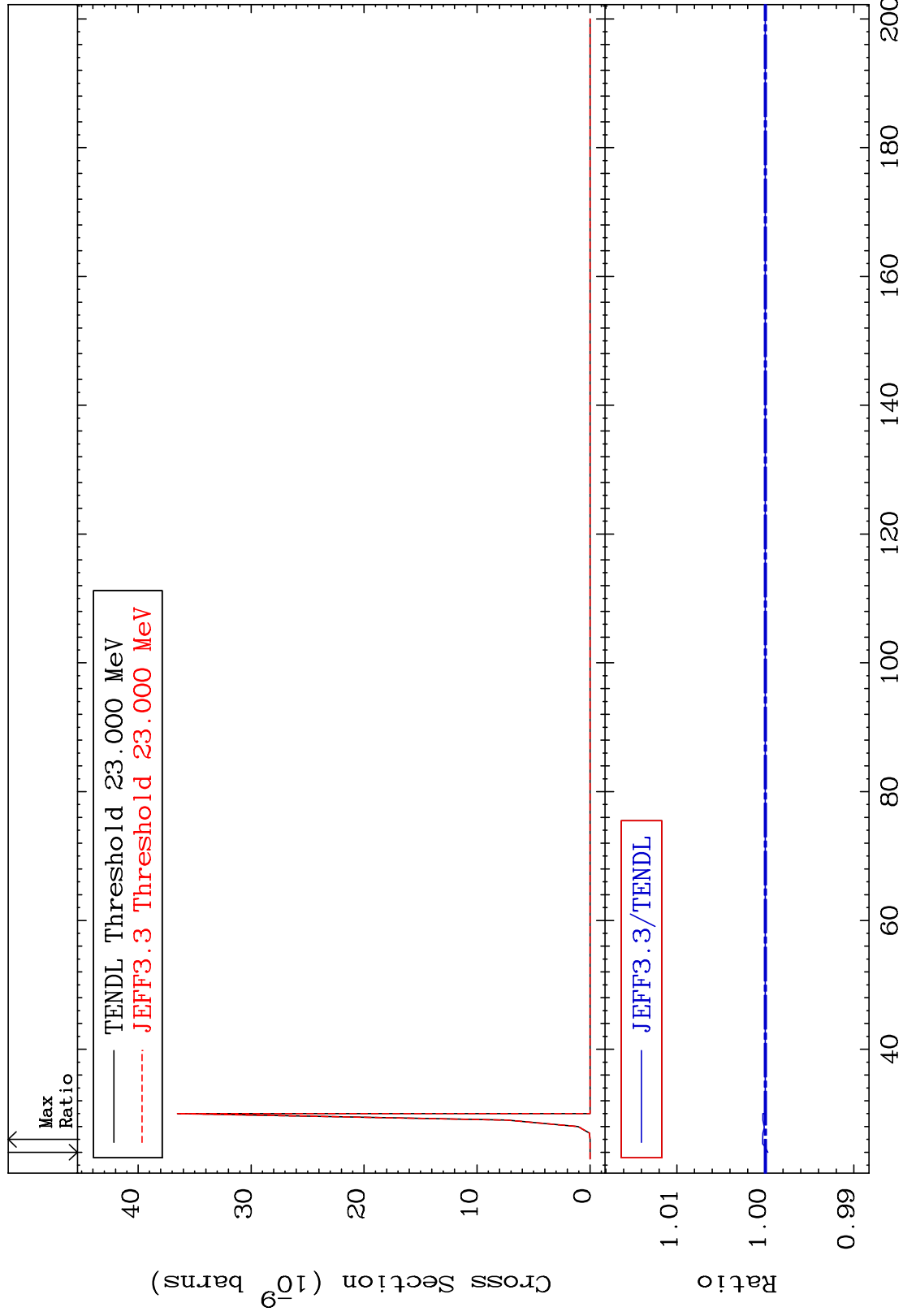
36-Kr-85

MAT 3646

(n,2n) p:34-Se-83m1

36-Kr-85

Radionuclide Production Cross Section -0.029 To 0.030 %



68

Incident Energy (MeV)

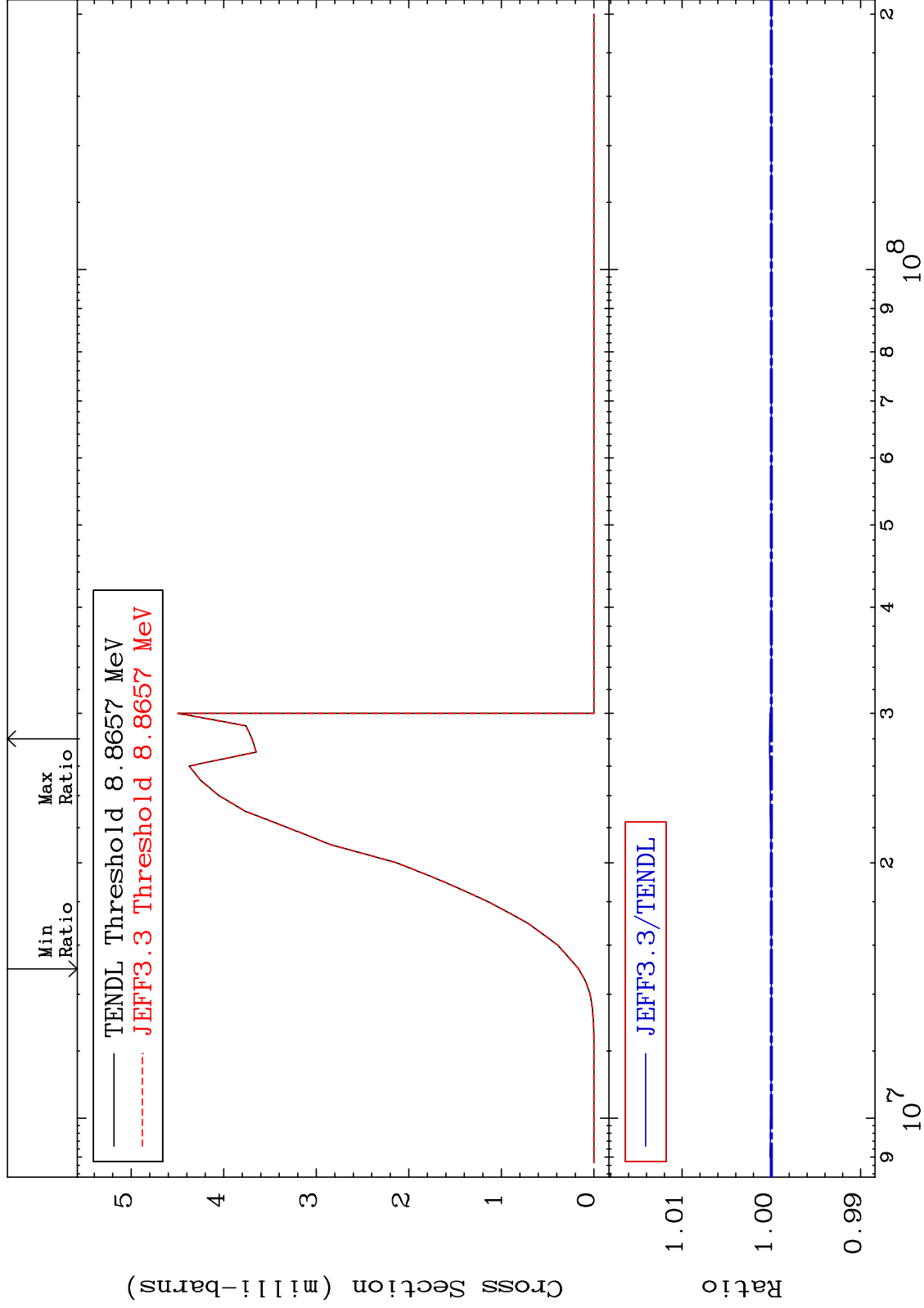
36-Kr-85

MAT 3646

(n, d) : 35-Br-84g

36-Kr-85

Radionuclide Production Cross Section 0.000 To 0.019 %



69

Incident Energy (eV)

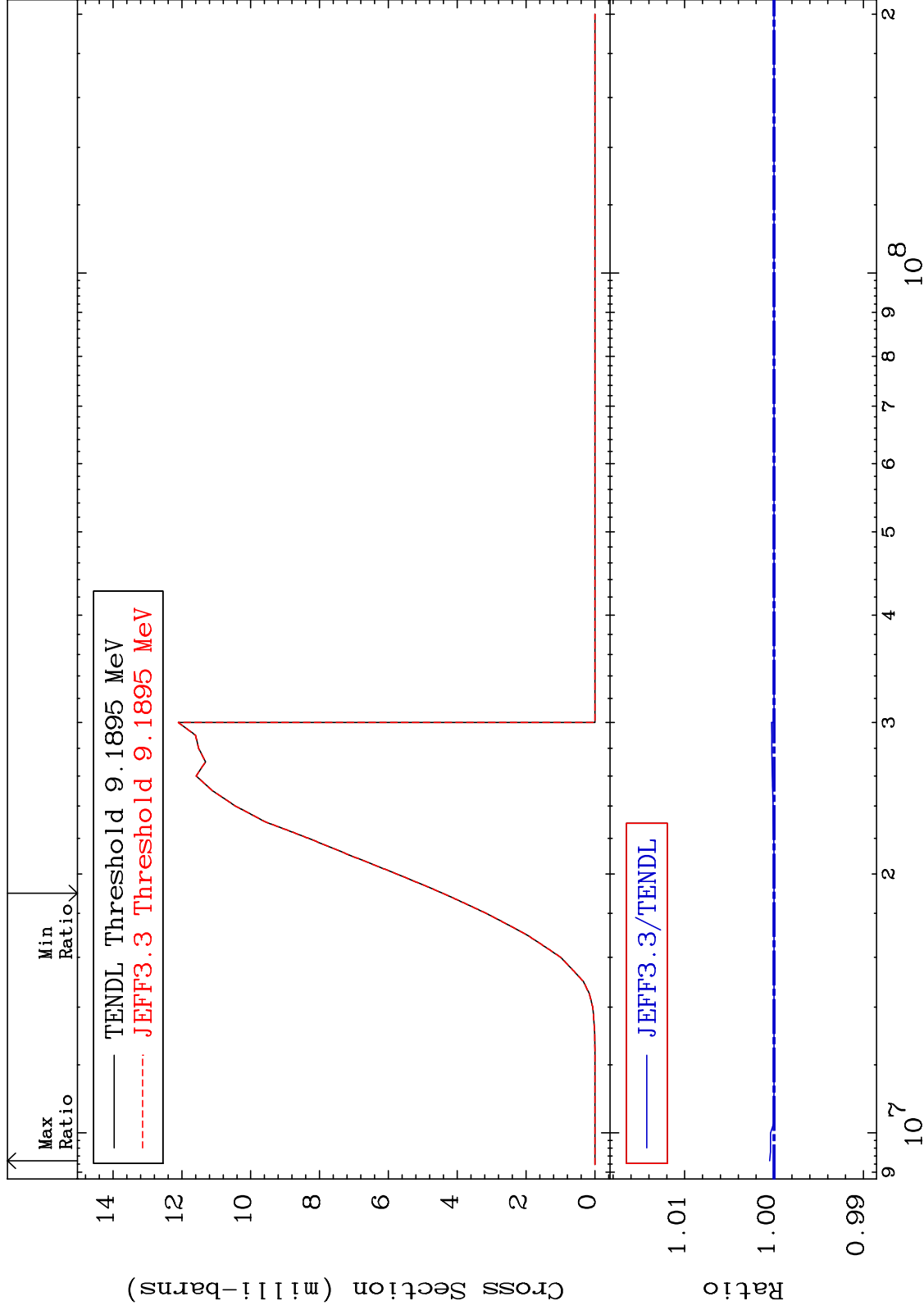
36-Kr-85

MAT 3646

(n,d):35-Br-84m1

36-Kr-85

Radionuclide Production Cross Section 0.000 To 0.049 %

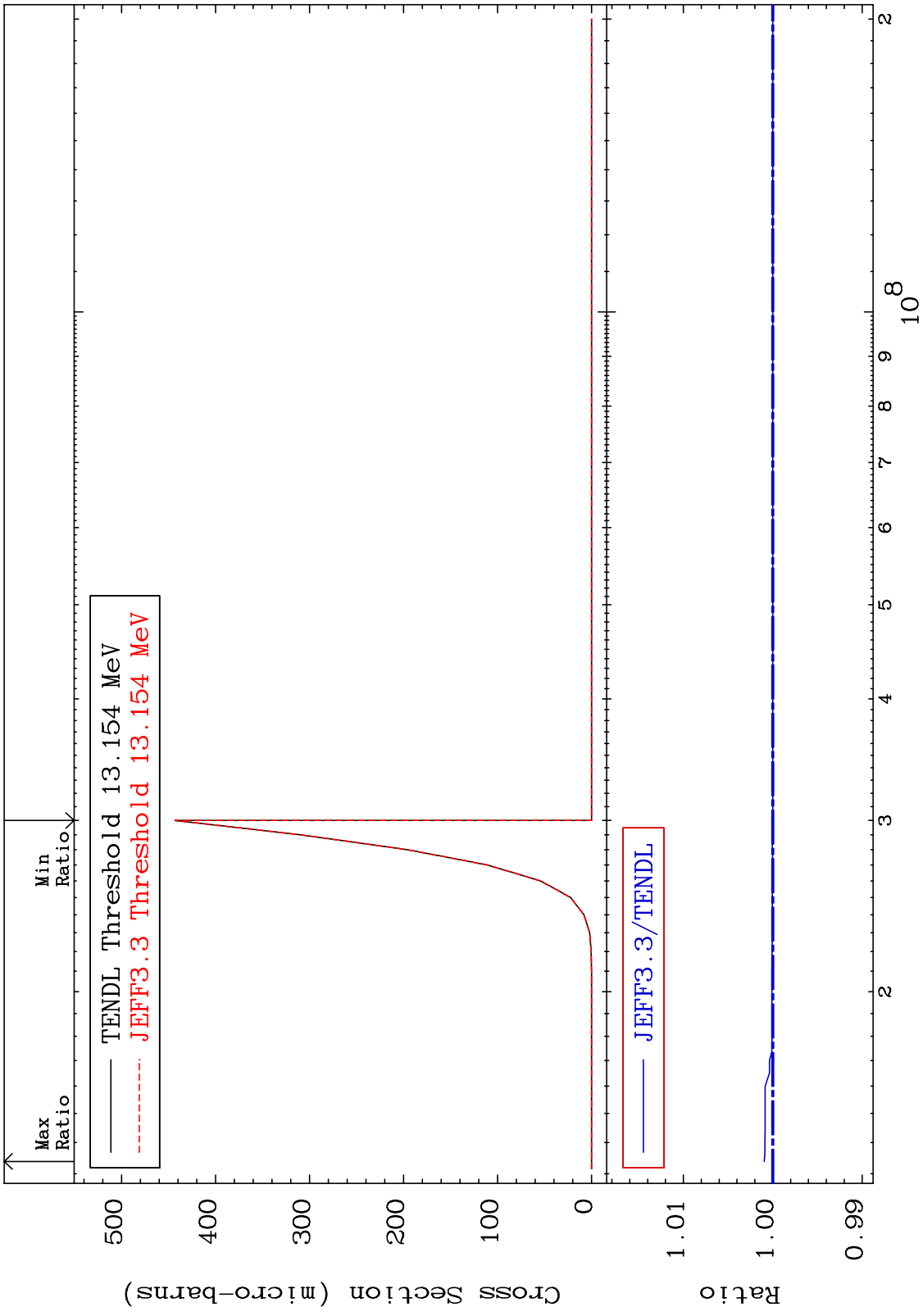


70

Incident Energy (eV)

36-Kr-85

MAT 3646 (n,He-3) : 34-Se-83g 36-Kr-85
 Radionuclide Production Cross Section 0.000 To 0.096 %

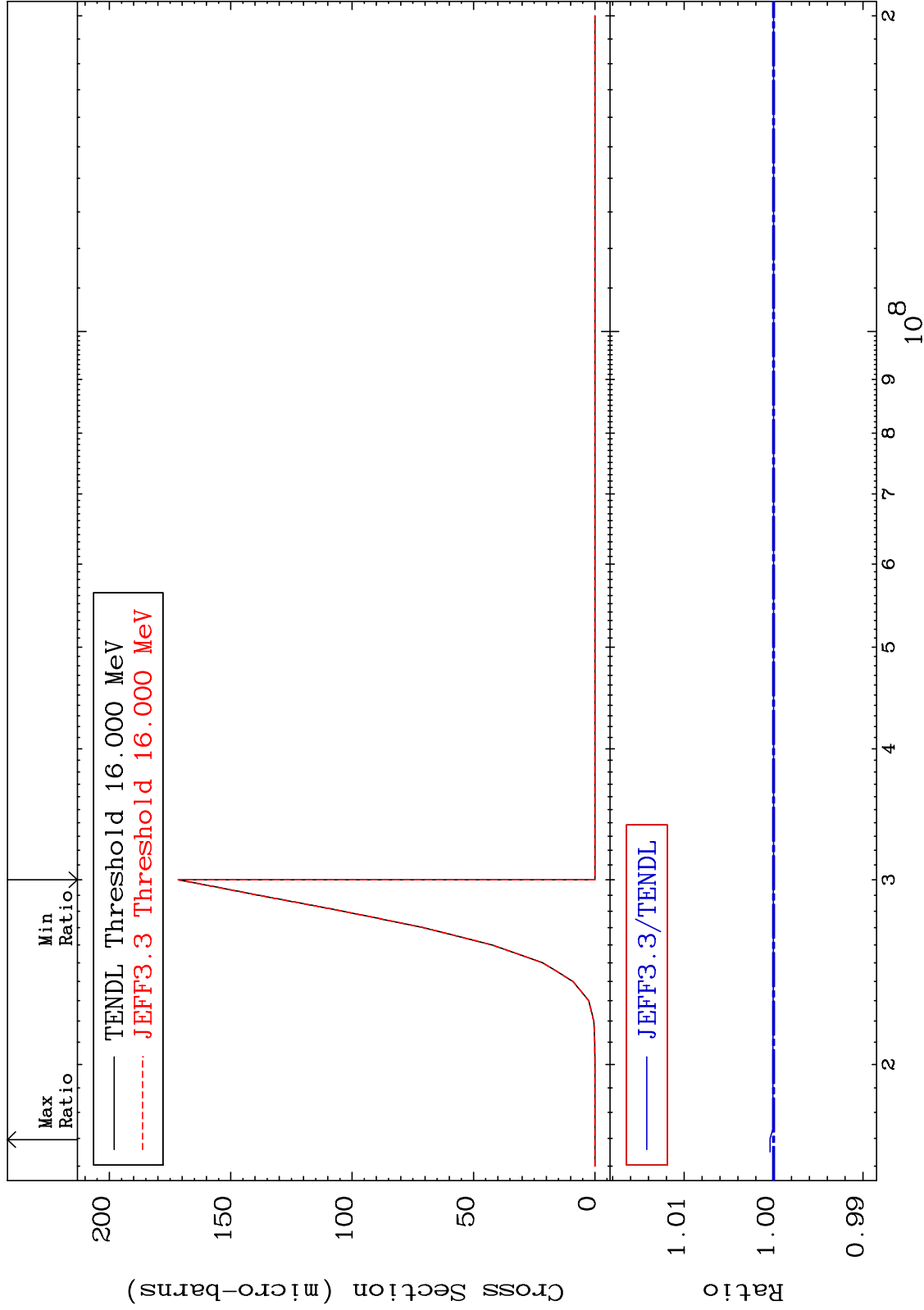


MAT 3646

(n, He-3) : 34-Se-83m1

36-Kr-85

Radionuclide Production Cross Section 0.000 To 0.039 %



72

Incident Energy (eV)

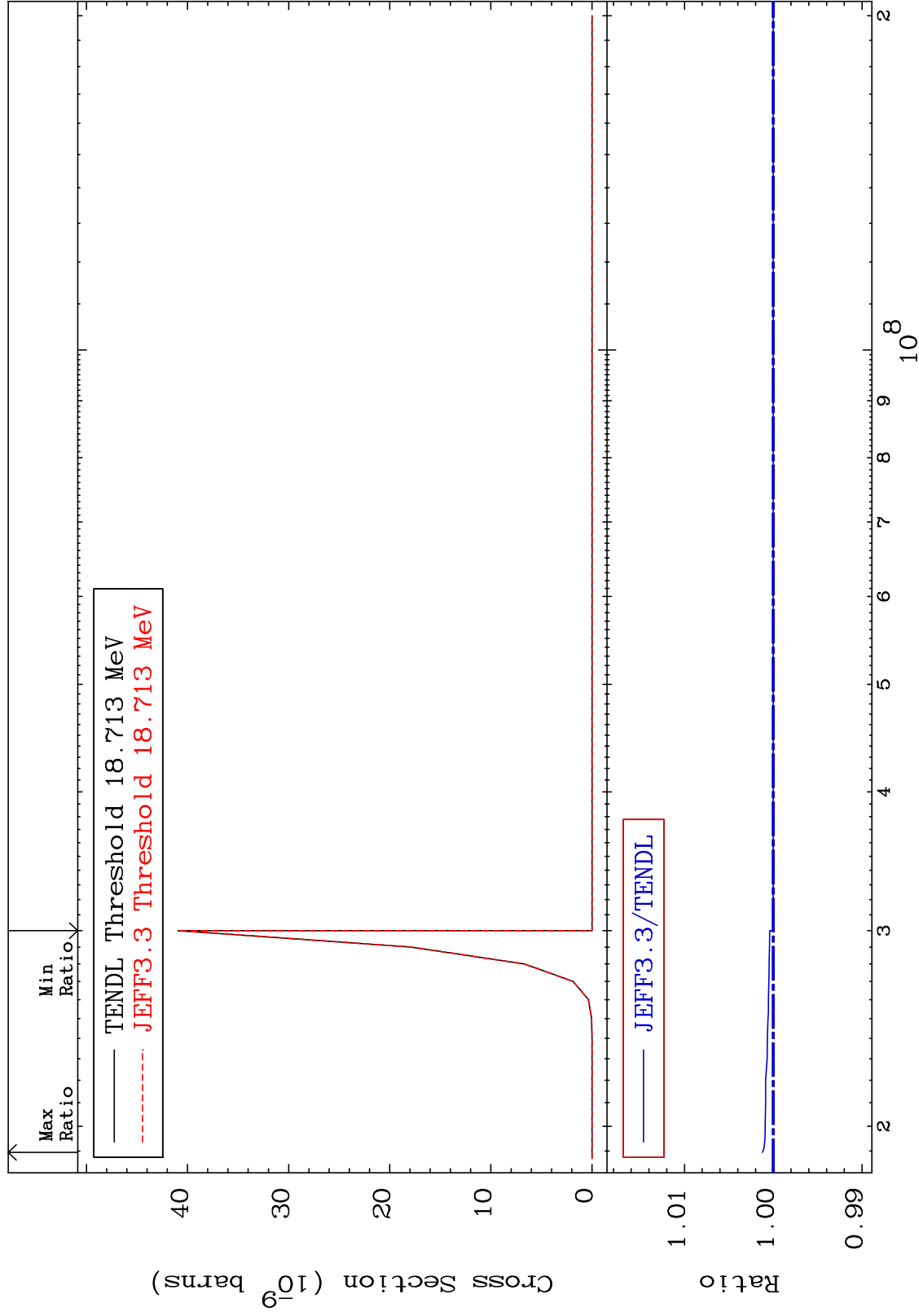
36-Kr-85

MAT 3646

(n,p) d:34-Se-83g

36-Kr-85

Radionuclide Production Cross Section 0.000 To 0.123 %



73

Incident Energy (eV)

36-Kr-85

MAT 3646

(n,p) d:34-Se-83m1

36-Kr-85

Radionuclide Production Cross Section 0.000 To 0.257 %

