

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

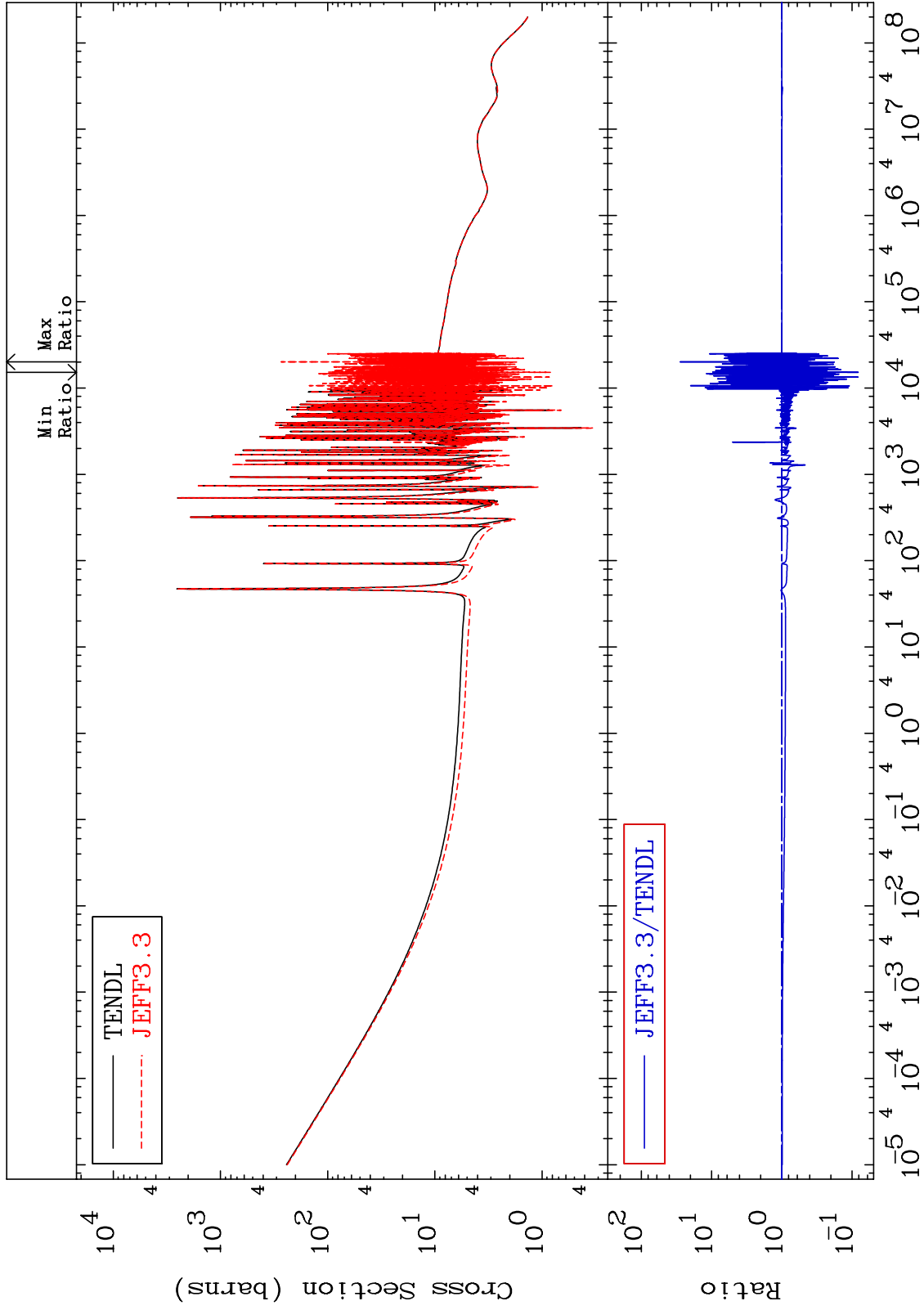
MAT 3325

Total

33-As-75

Cross Section

-91.90 To 2712. %



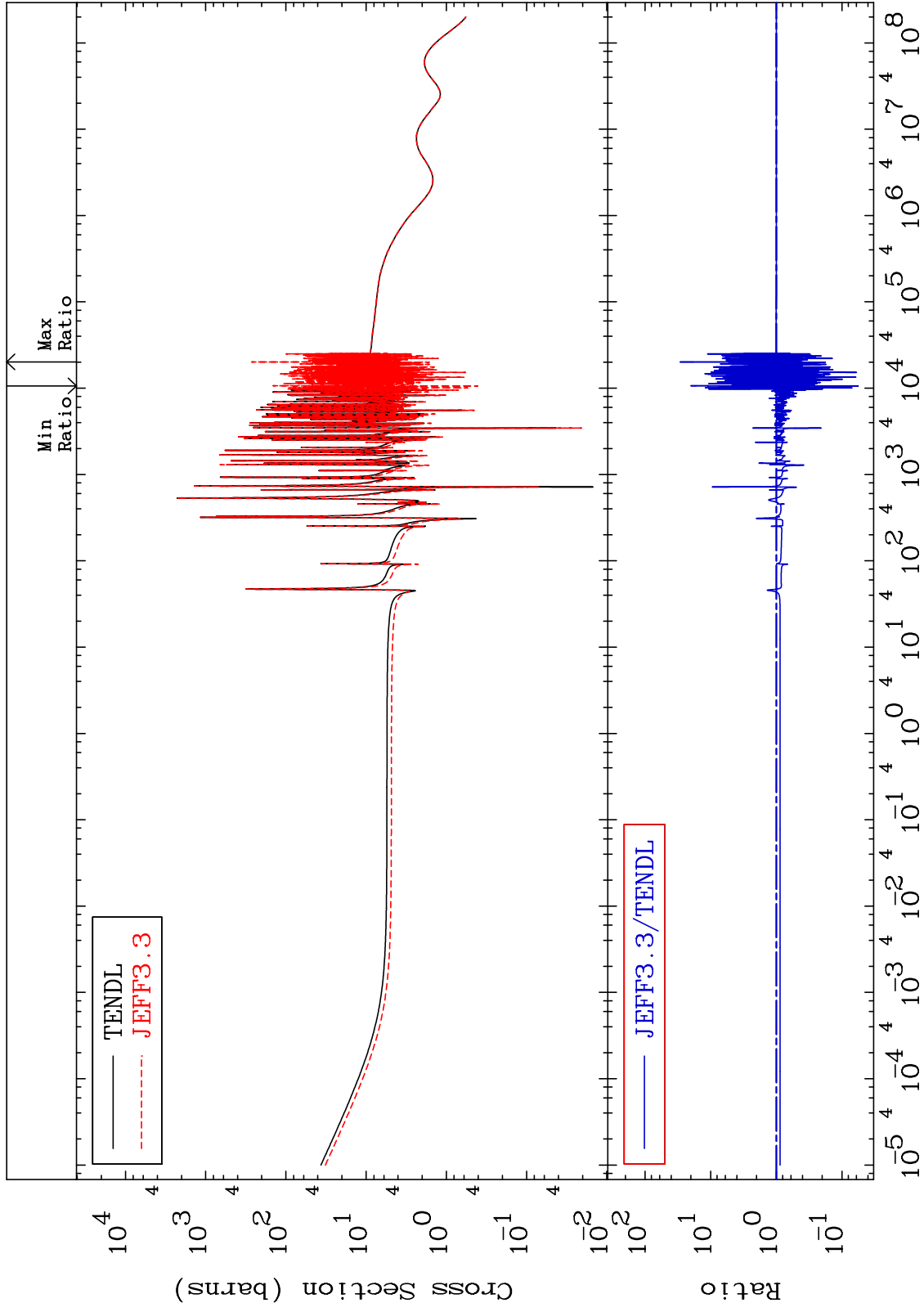
Incident Energy (eV)

33-As-75

MAT 3325

Elastic
Cross Section

33-As-75
-94.39 To 2834. %



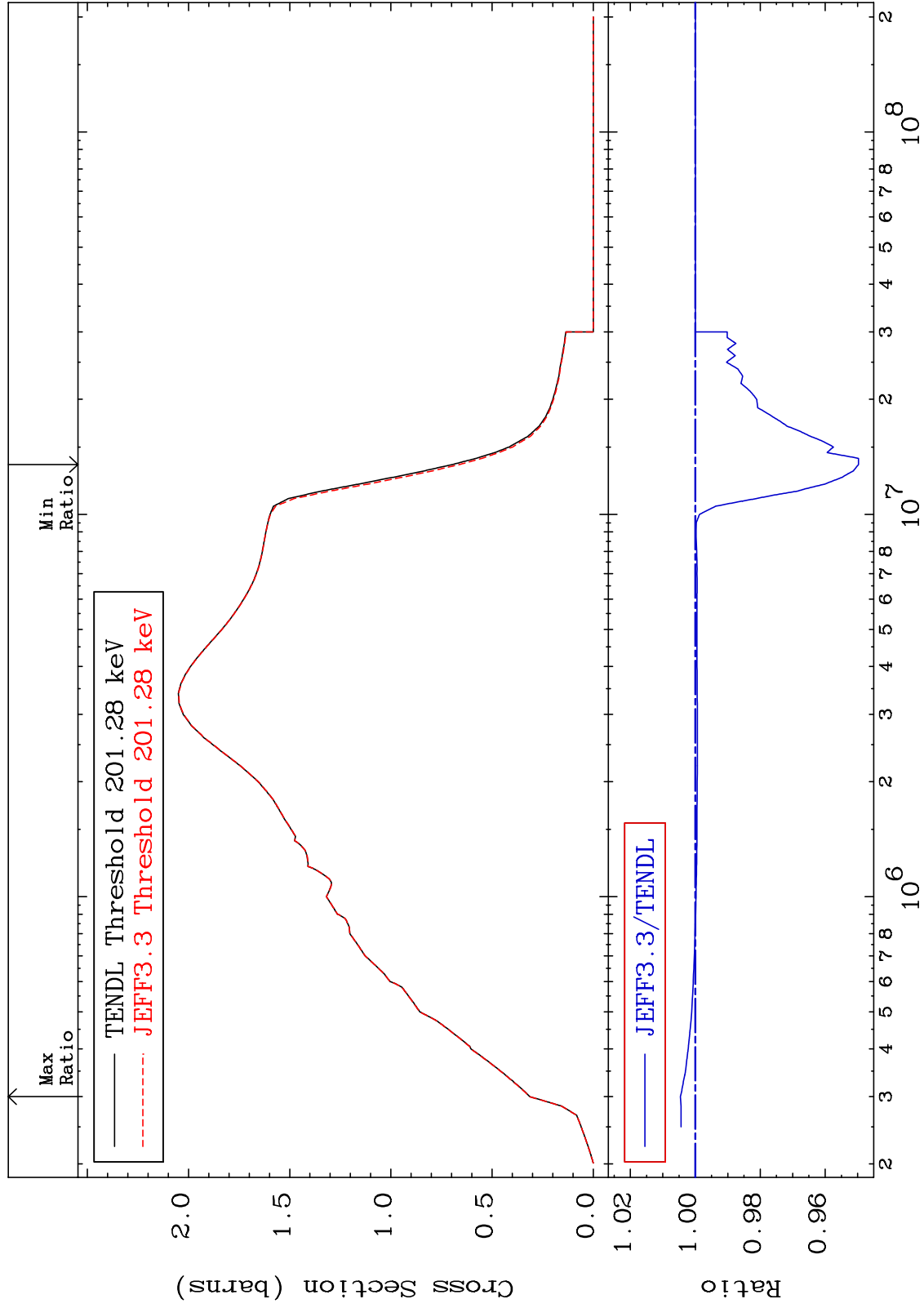
MAT 3325

Inelastic

33-As-75

Cross Section

-5.028 To 0.458 %



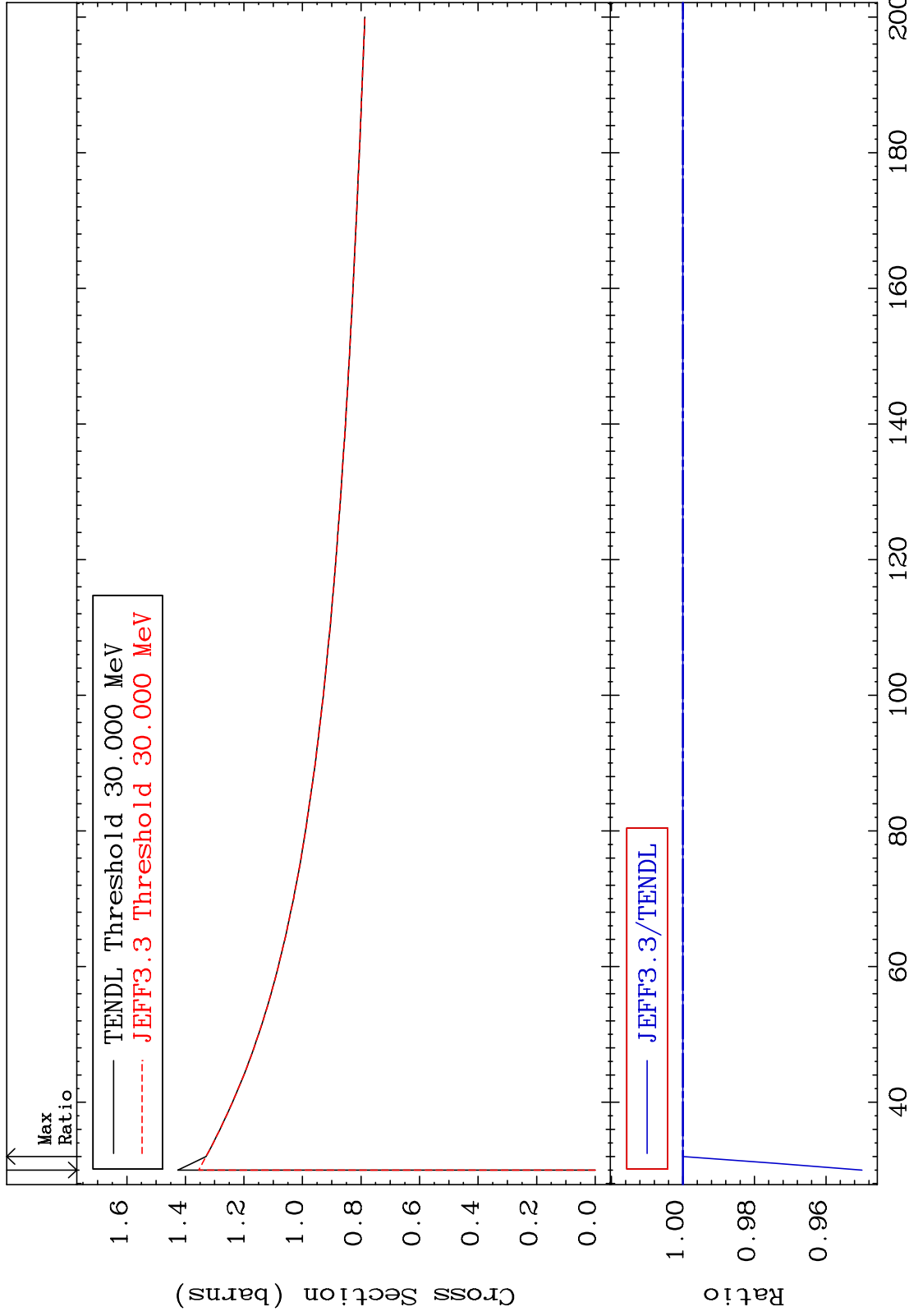
Incident Energy (eV)

33-As-75

MAT 3325

(n, remainder)
Cross Section

33-As-75
-5.007 To 0.000 %



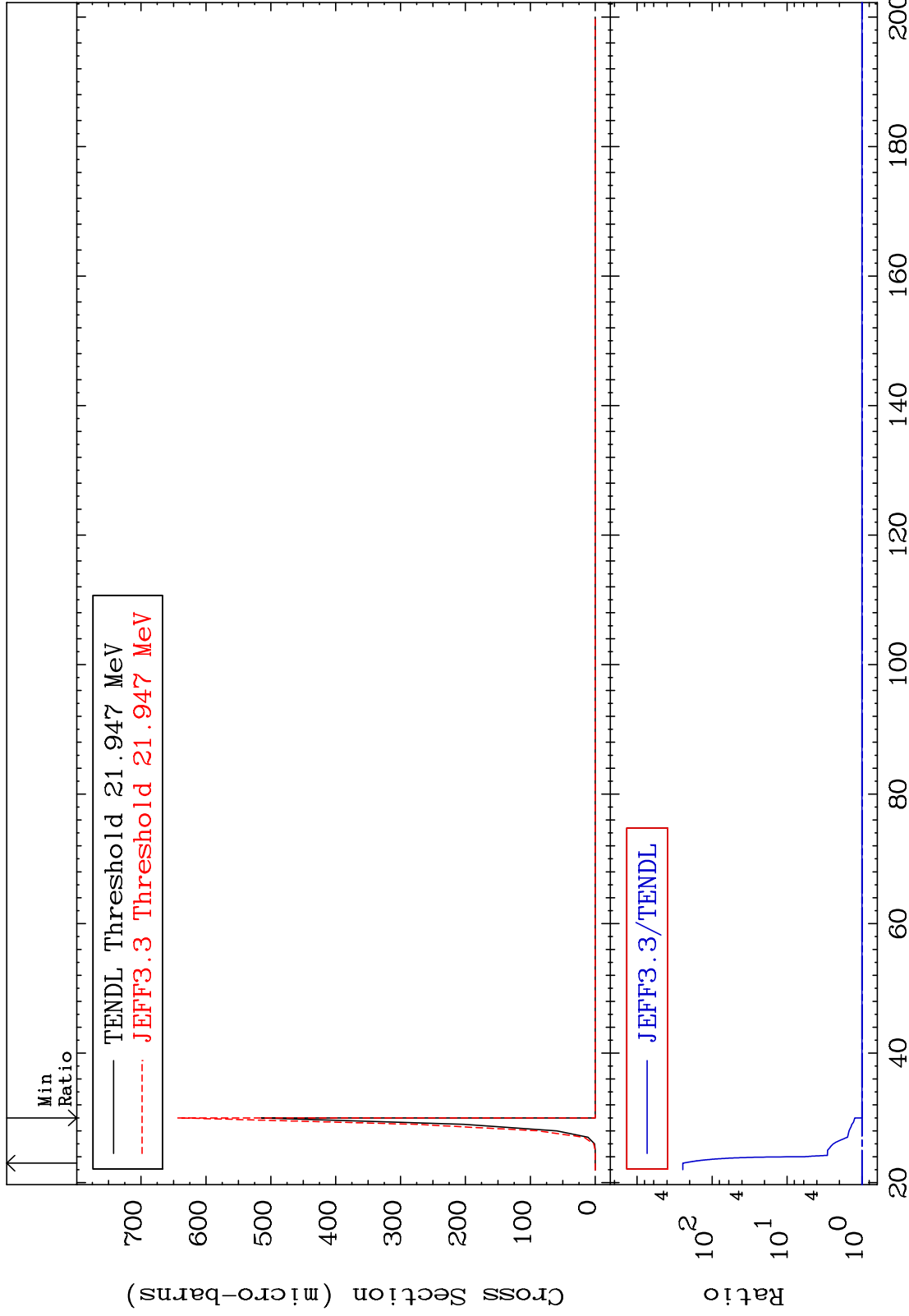
MAT 3325

(n,2n) d

³³As-75

Cross Section

0.000 To 9999. %



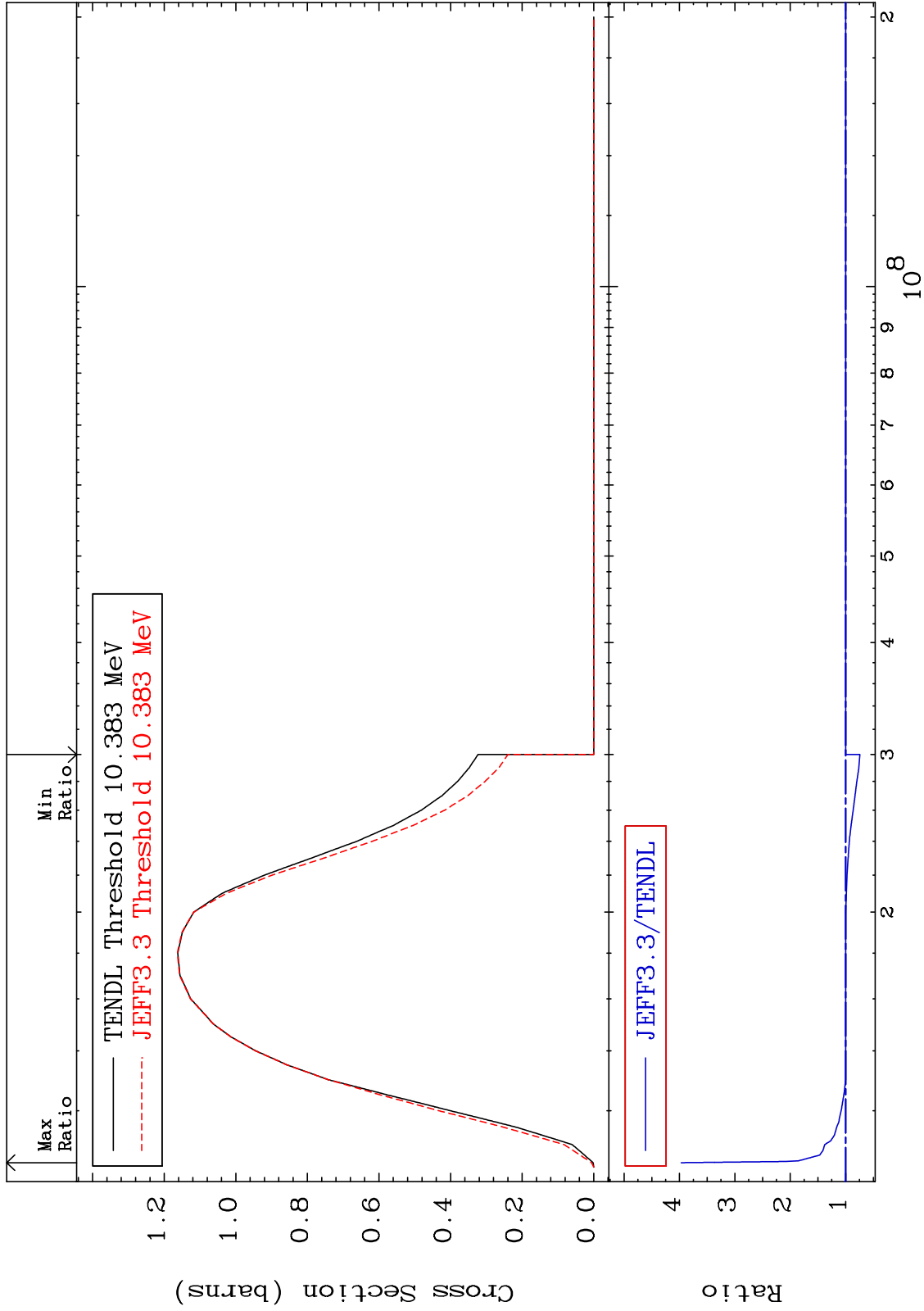
MAT 3325

(n,2n)

33-As-75

Cross Section

-25.77 To 296.8 %



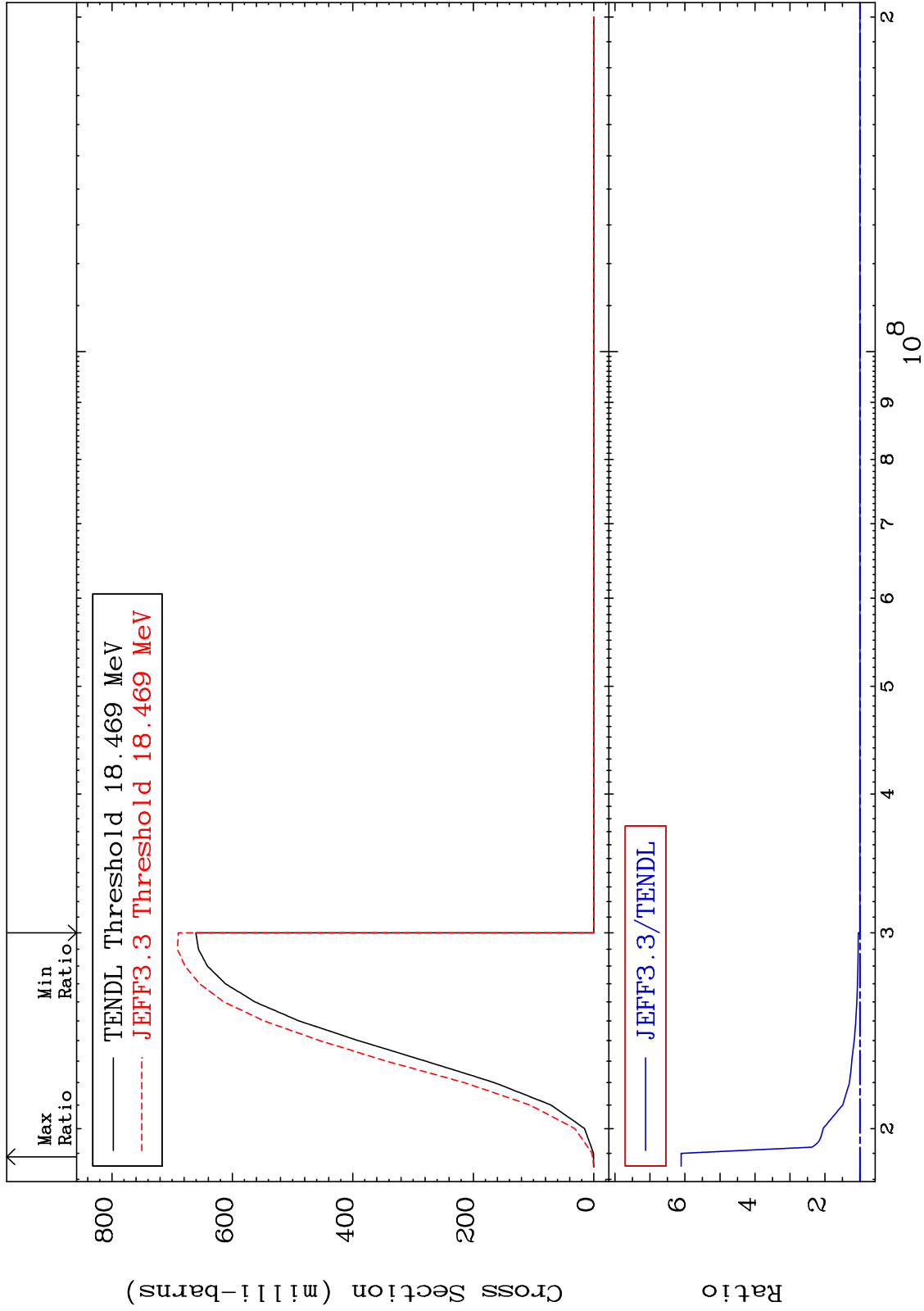
MAT 3325

(n, 3n)

33-As-75

Cross Section

0.000 To 510.6 %



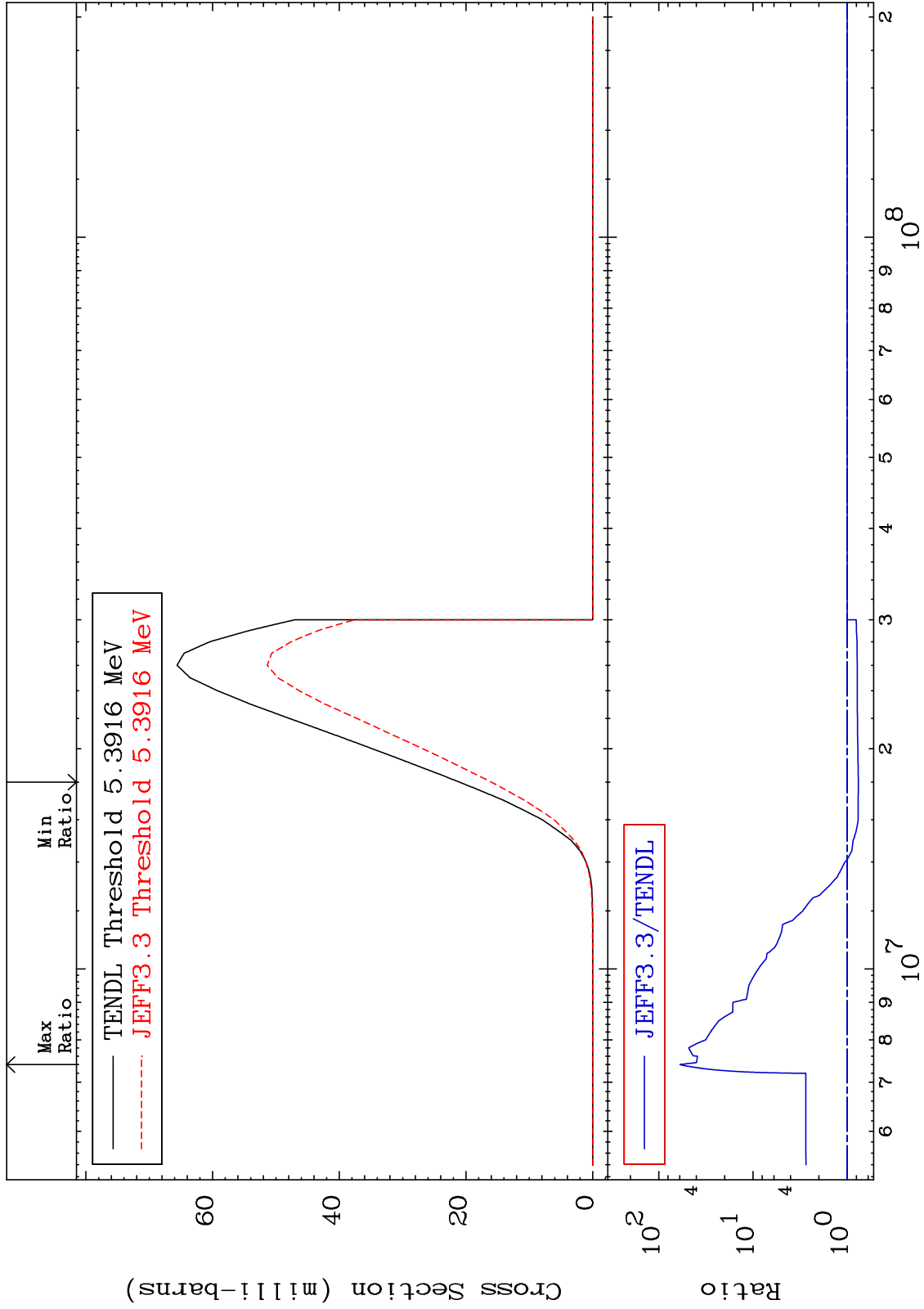
MAT 3325

(n, n') α

33-As-75

Cross Section

-24.00 To 5855. %



8

Incident Energy (eV)

33-As-75

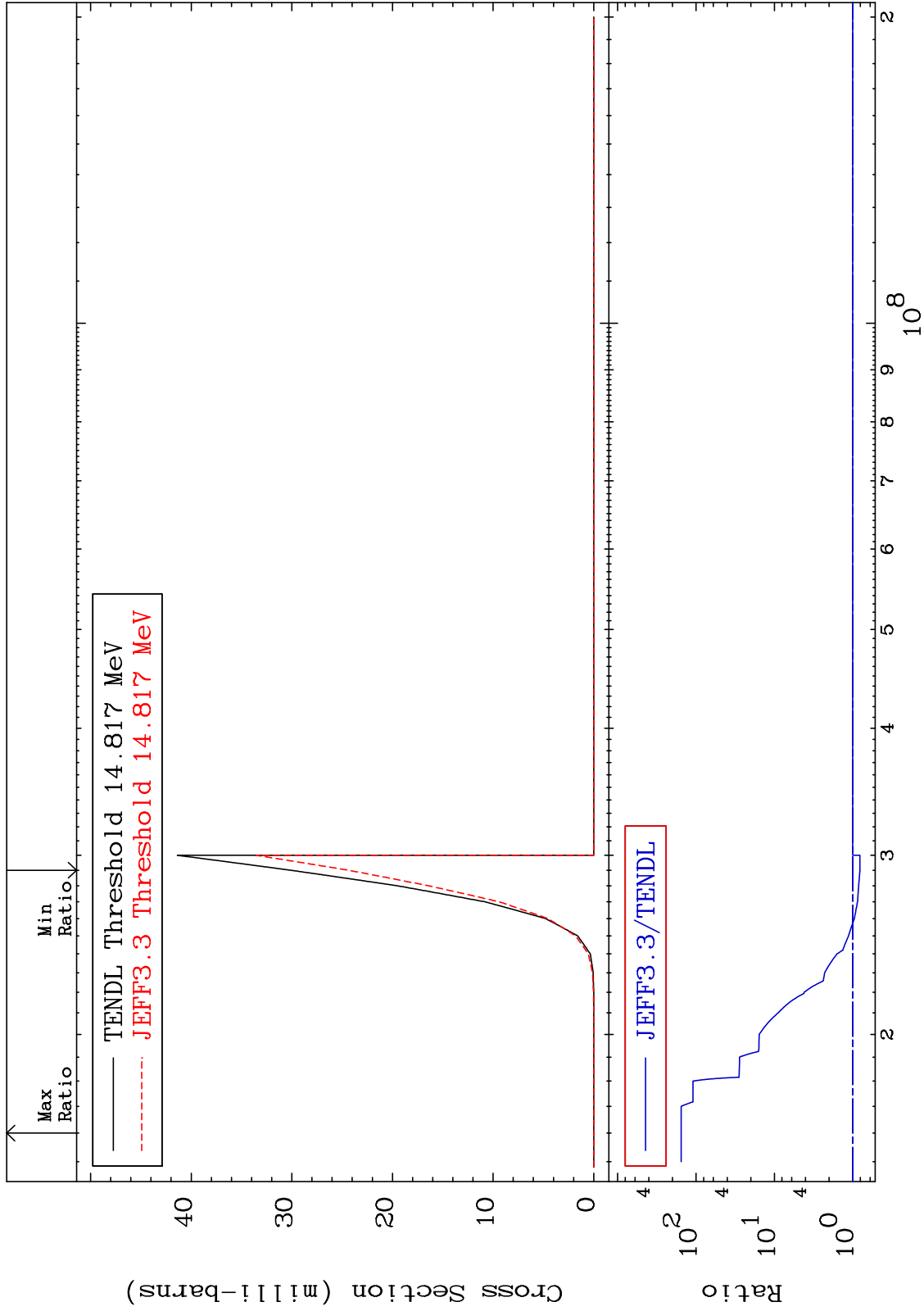
MAT 3325

(n,2n) α

33-As-75

Cross Section

-19.05 To 9999. %



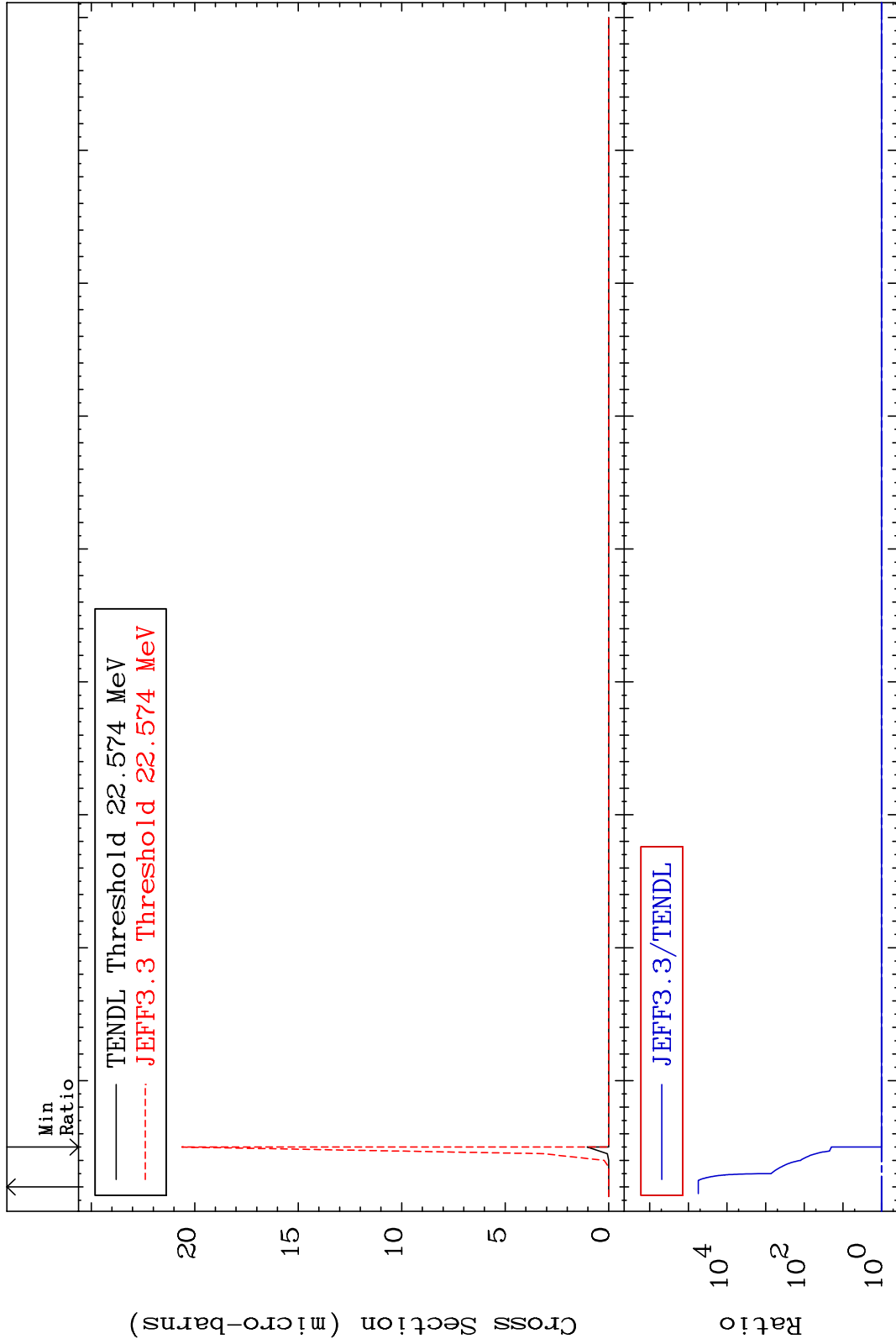
MAT 3325

(n,3n) α

33-As-75

Cross Section

0.000 To 9999. %



10

Incident Energy (MeV)

33-As-75

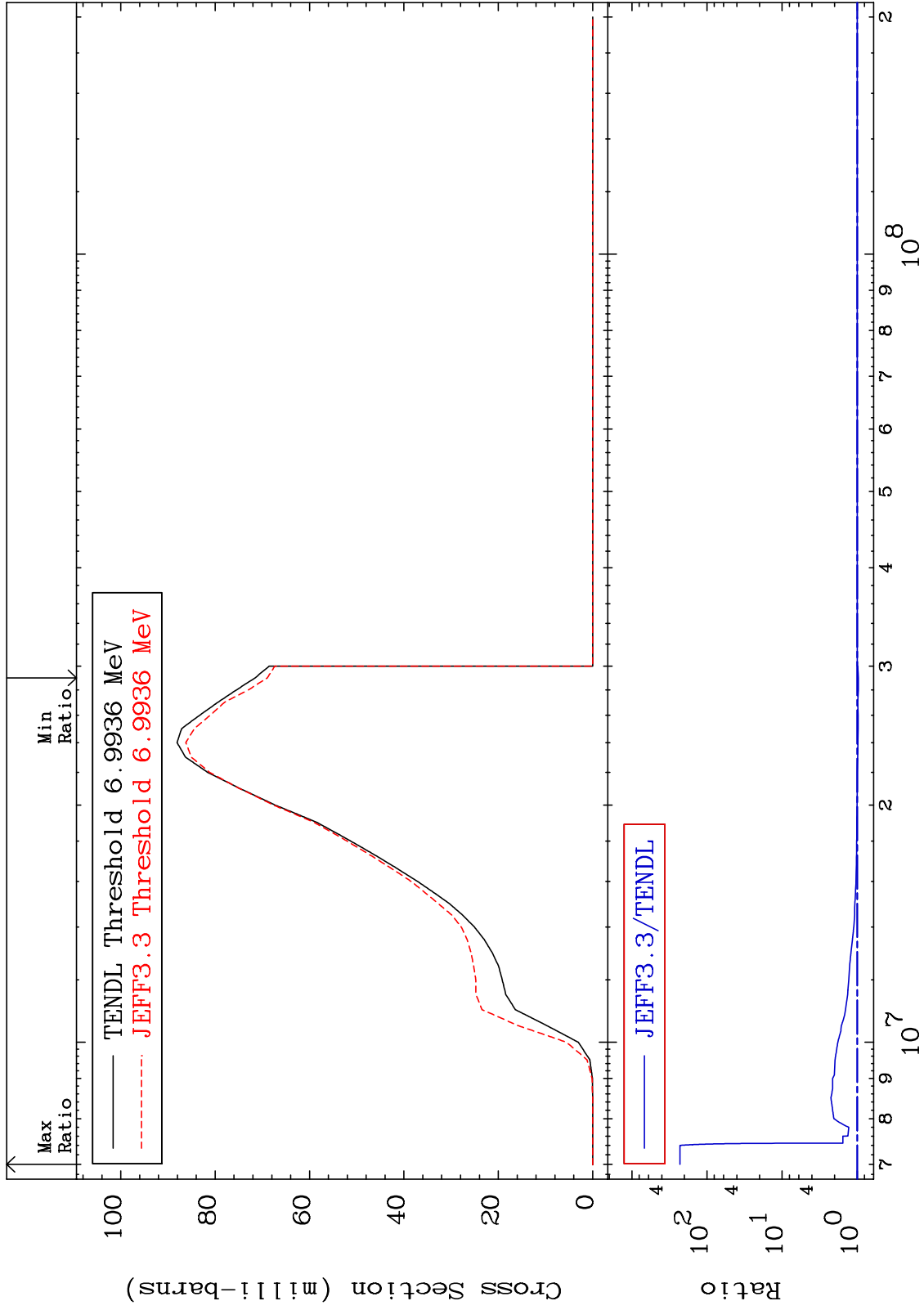
MAT 3325

(n,n') p

33-As-75

Cross Section

-3.612 To 9999. %



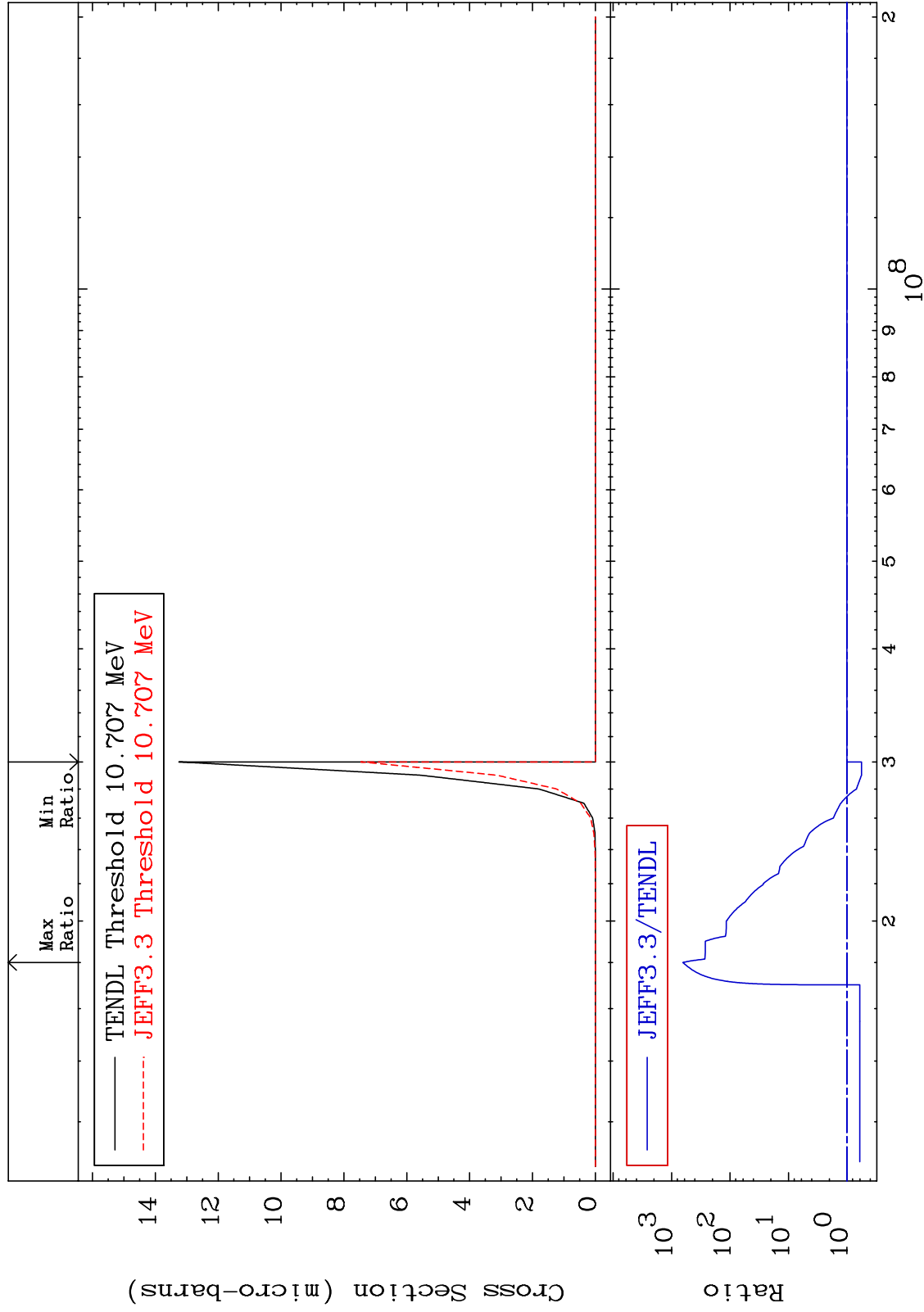
MAT 3325

(n,n') 2α

33-As-75

Cross Section

-43.70 To 9999. %



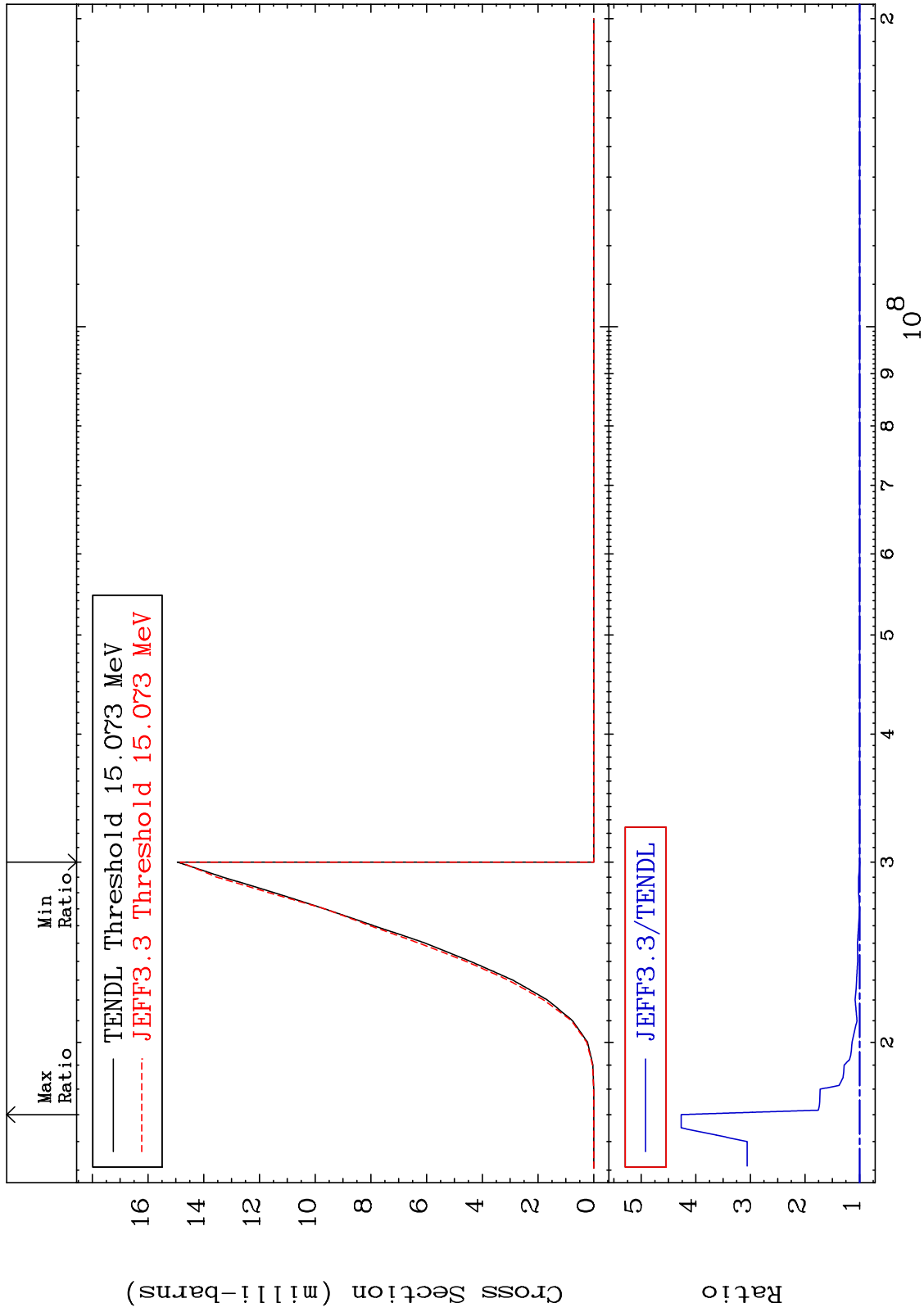
MAT 3325

(n, n') d

33-As-75

Cross Section

-0.669 To 326.8 %



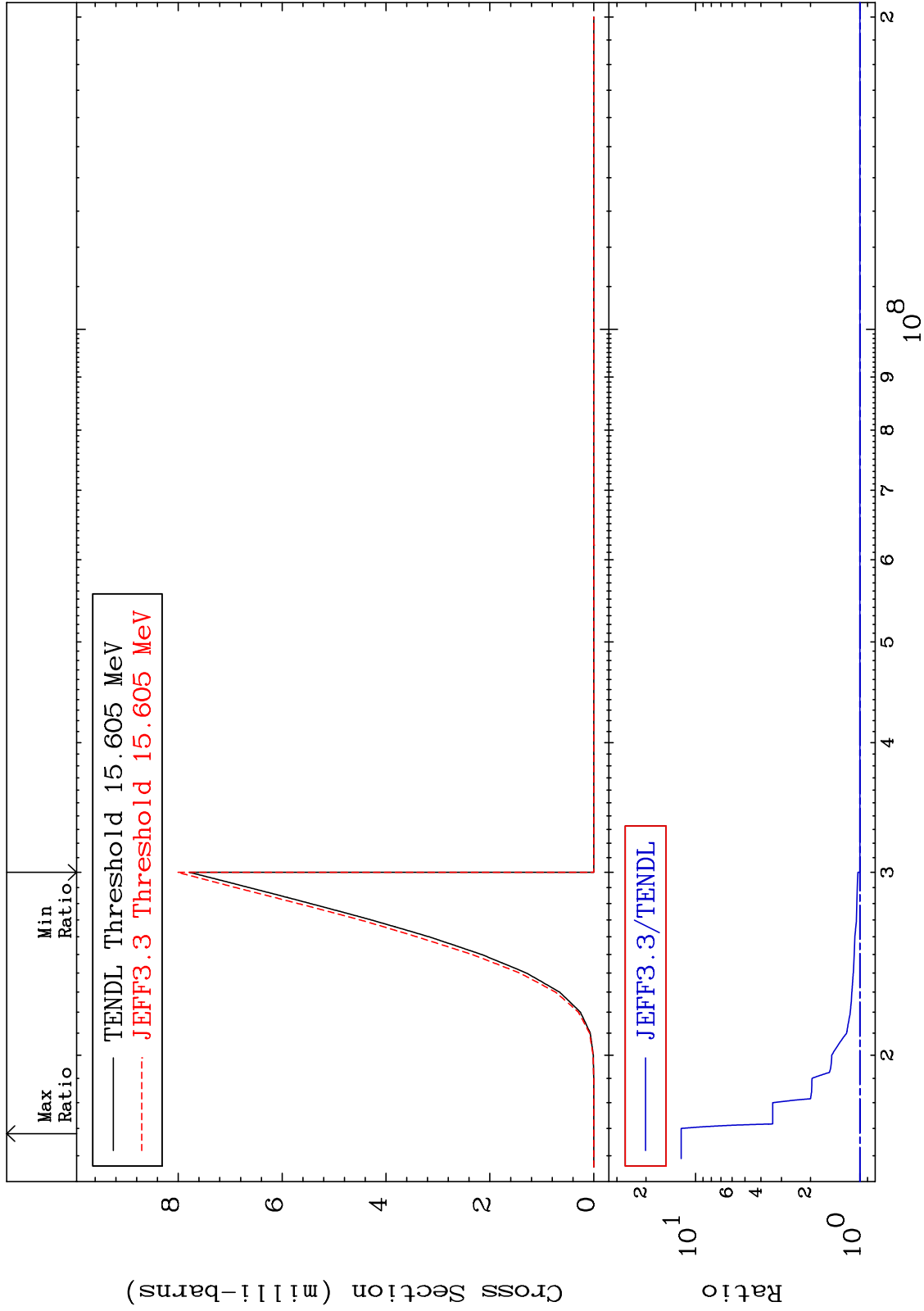
MAT 3325

(n,n') t

33-As-75

Cross Section

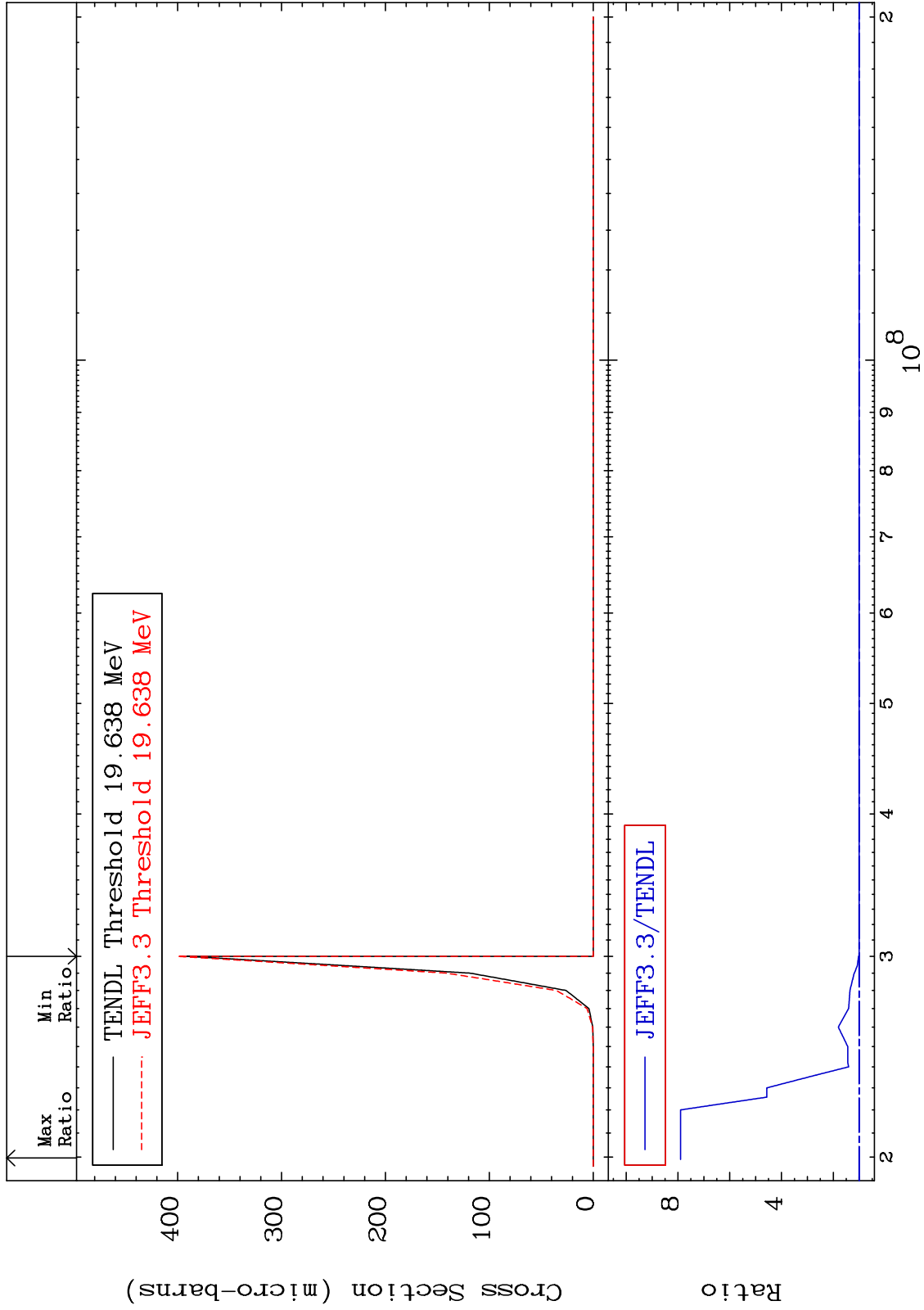
0.000 To 1121. %



MAT 3325

(n,n') He-3
Cross Section

33-As-75
0.000 To 689.8 %



15

33-As-75

33-As-75

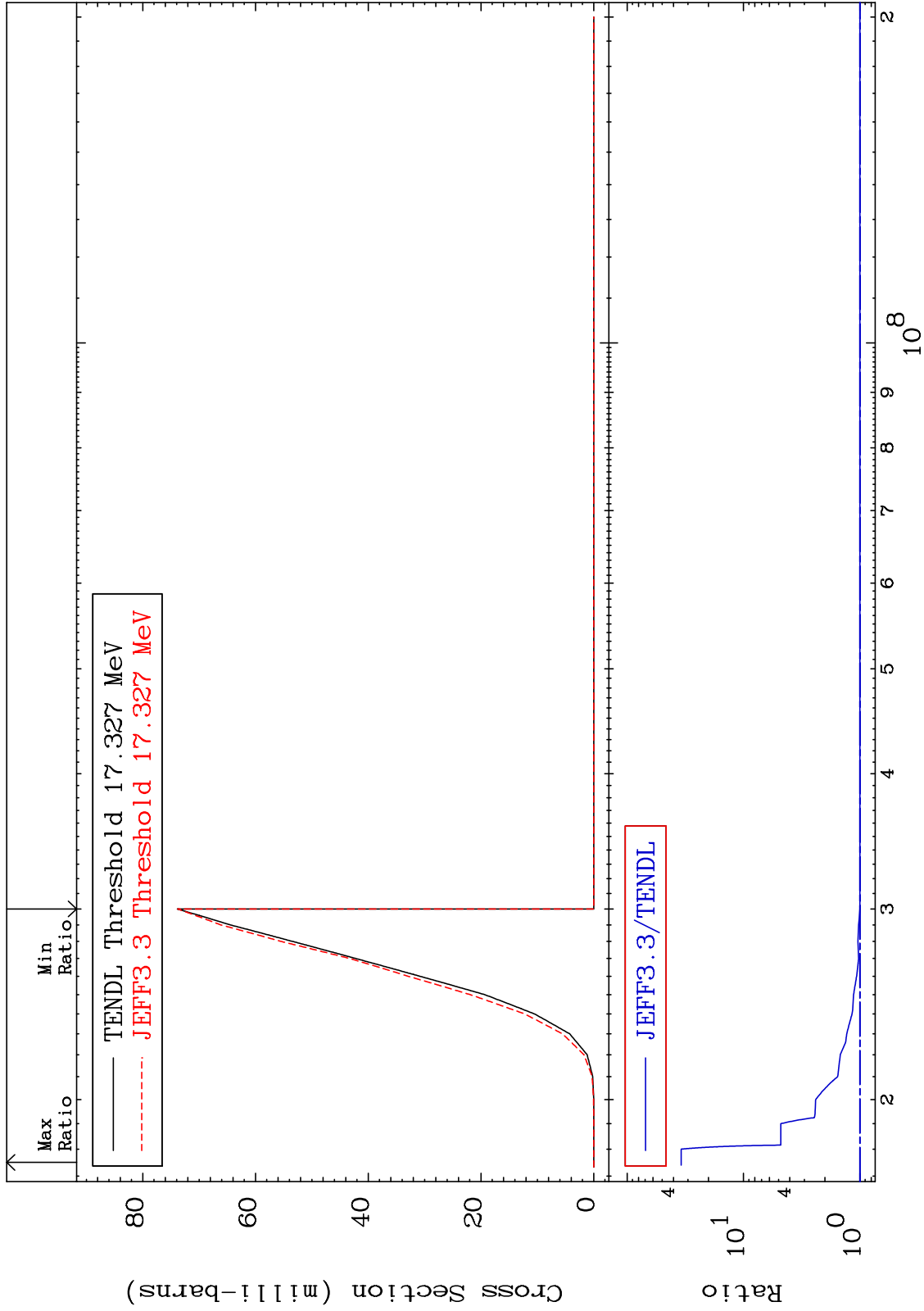
MAT 3325

(n,2n) p

33-As-75

Cross Section

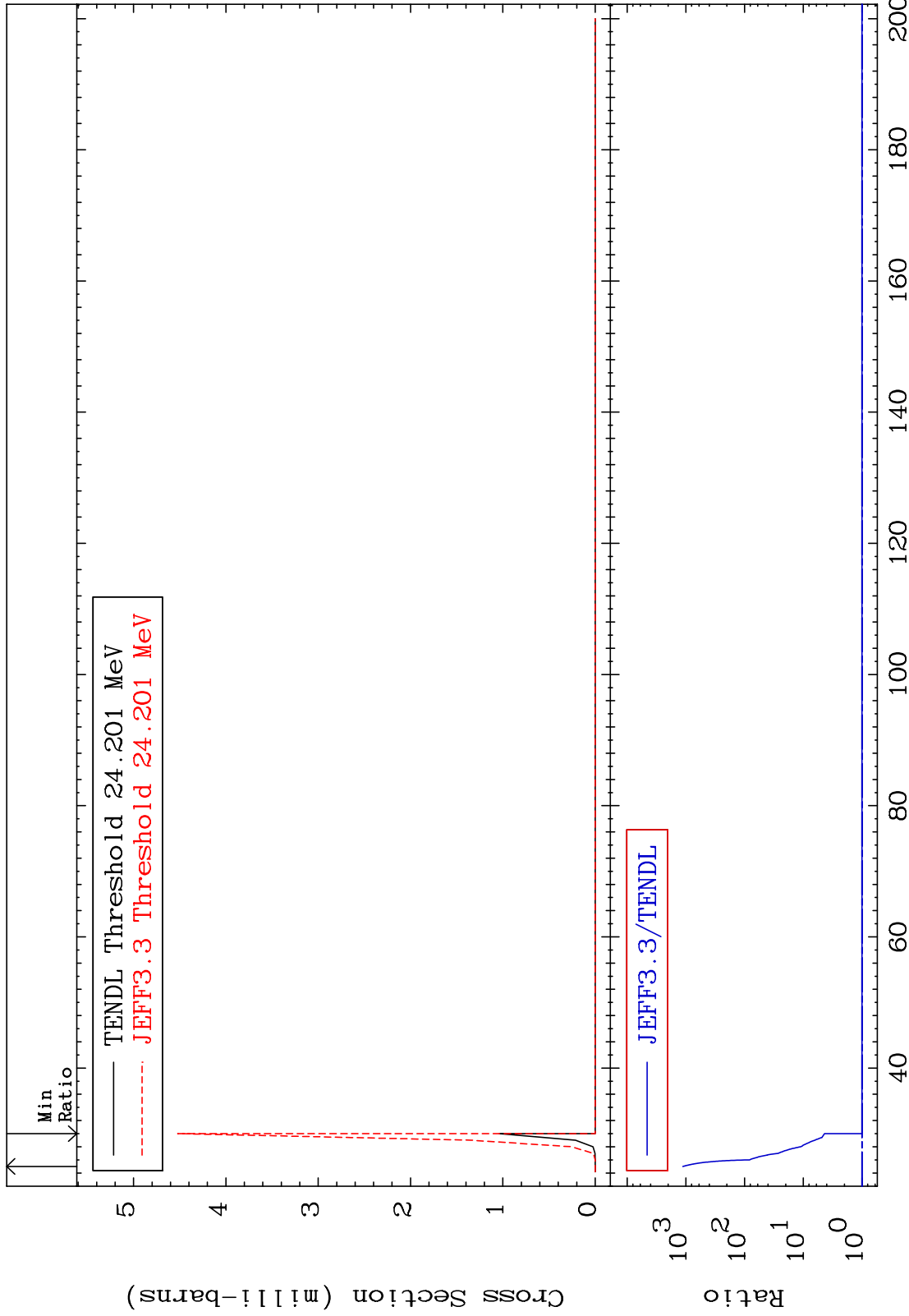
-0.083 To 3332. %



MAT 3325

(n,3n) p
Cross Section

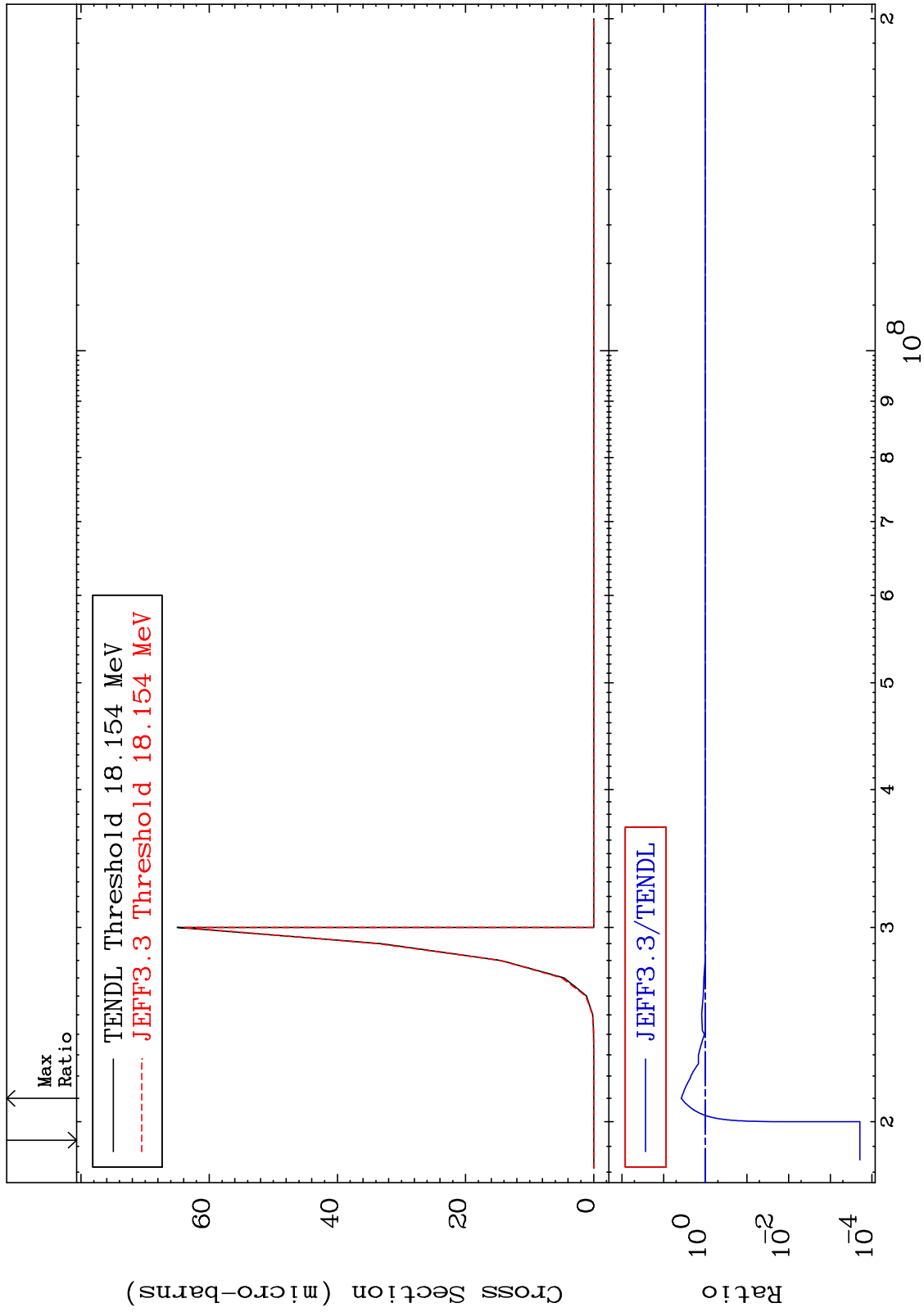
33-As-75
0.000 To 9999. %



MAT 3325

(n,2n) p
Cross Section

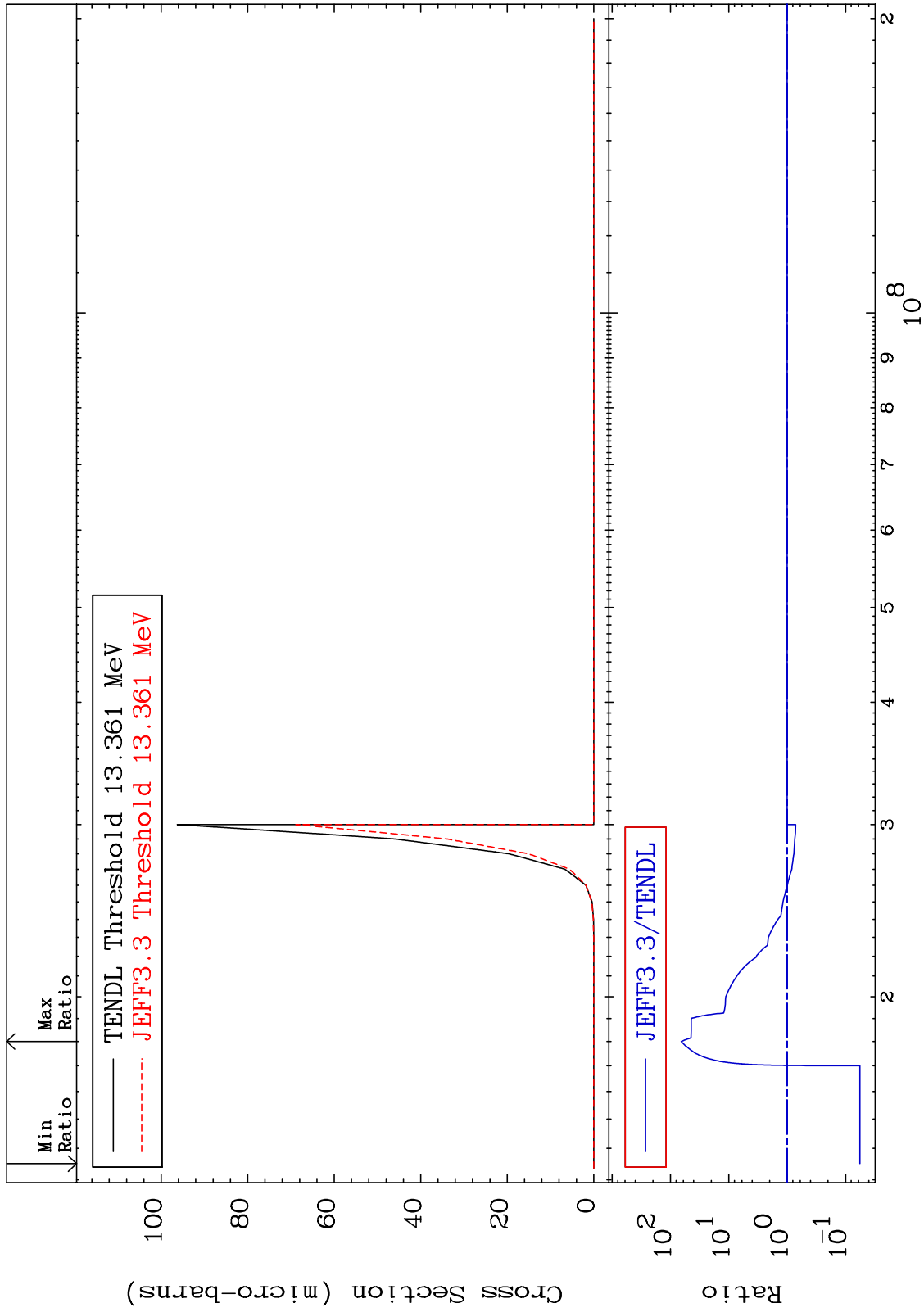
33-As-75
-99.98 To 277.4 %

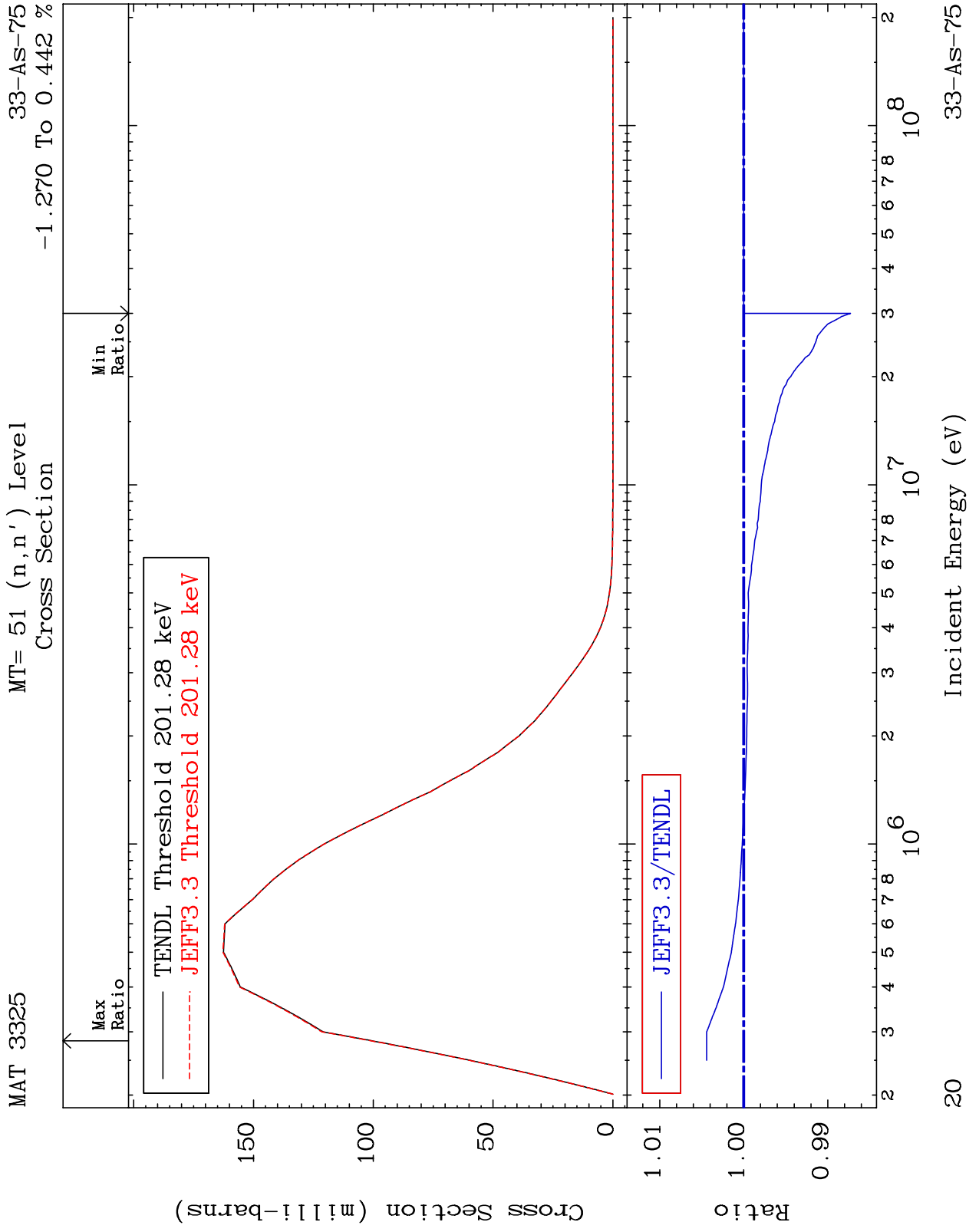


MAT 3325

(n,n') p α
Cross Section

33-As-75
-94.32 To 6444. %

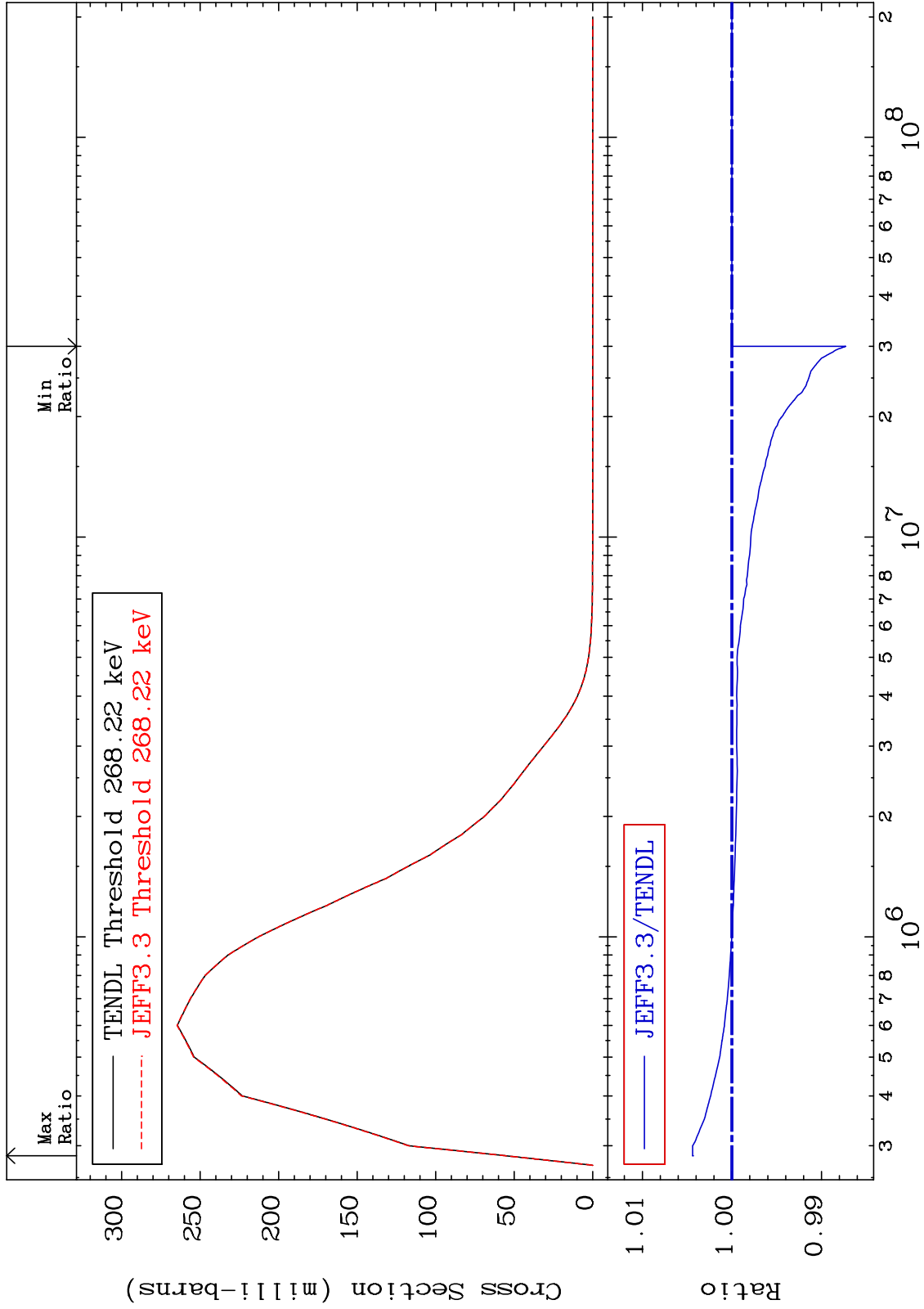




MAT 3325

MT= 52 (n,n') Level
Cross Section

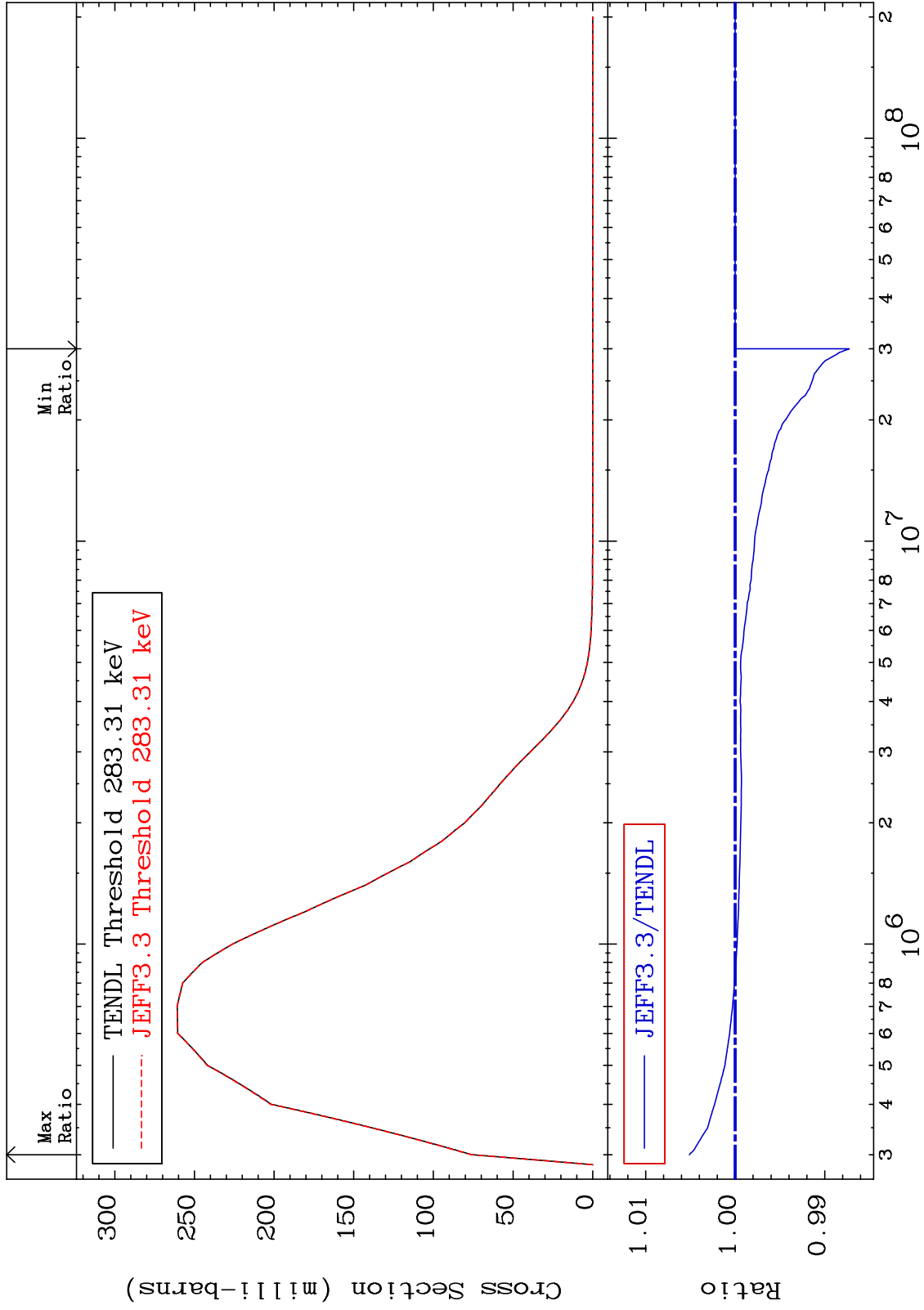
33-As-75
-1.271 To 0.438 %



MAT 3325

MT= 53 (n,n') Level
Cross Section

33-As-75
-1.273 To 0.513 %

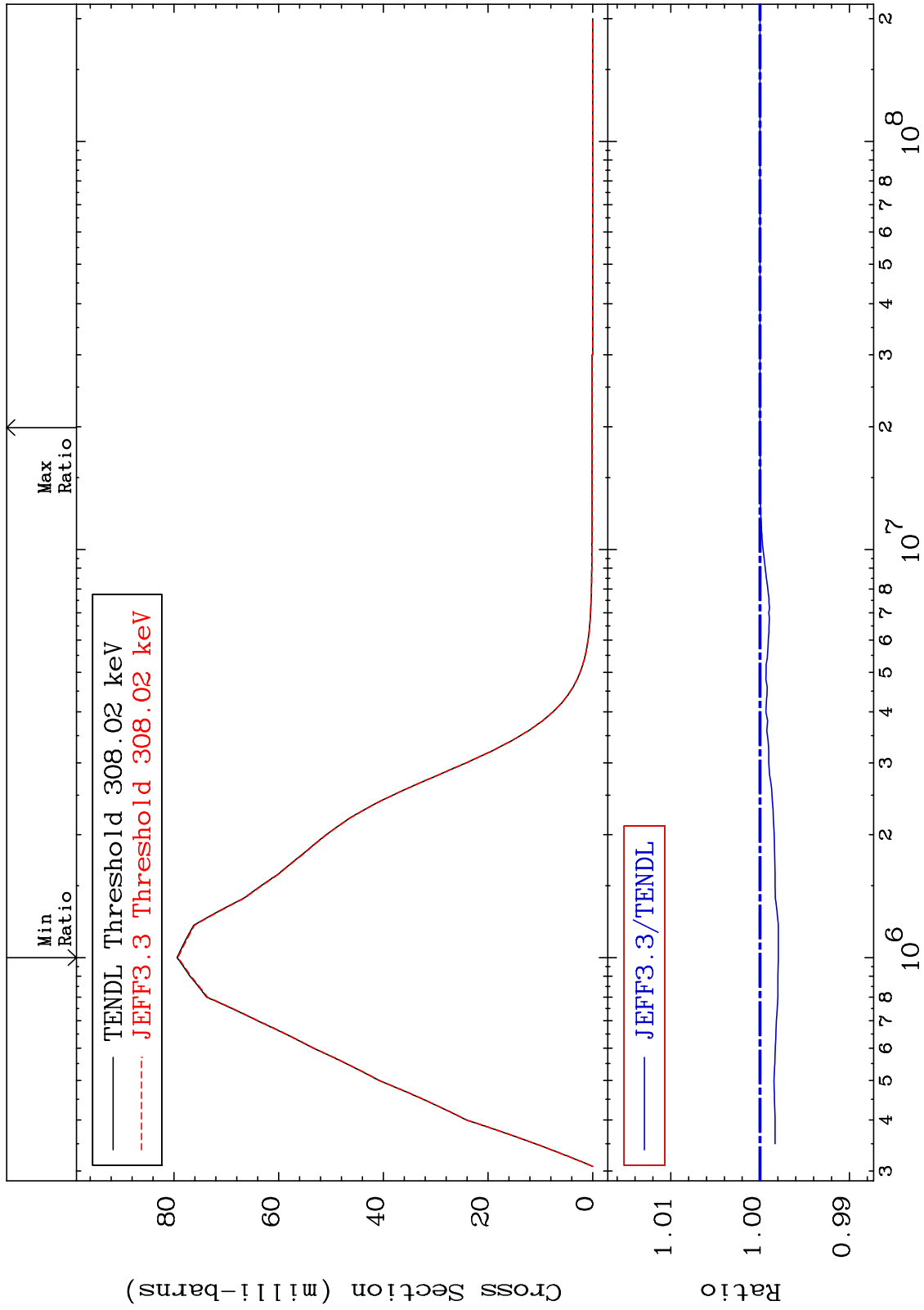


22

Incident Energy (eV)

33-As-75

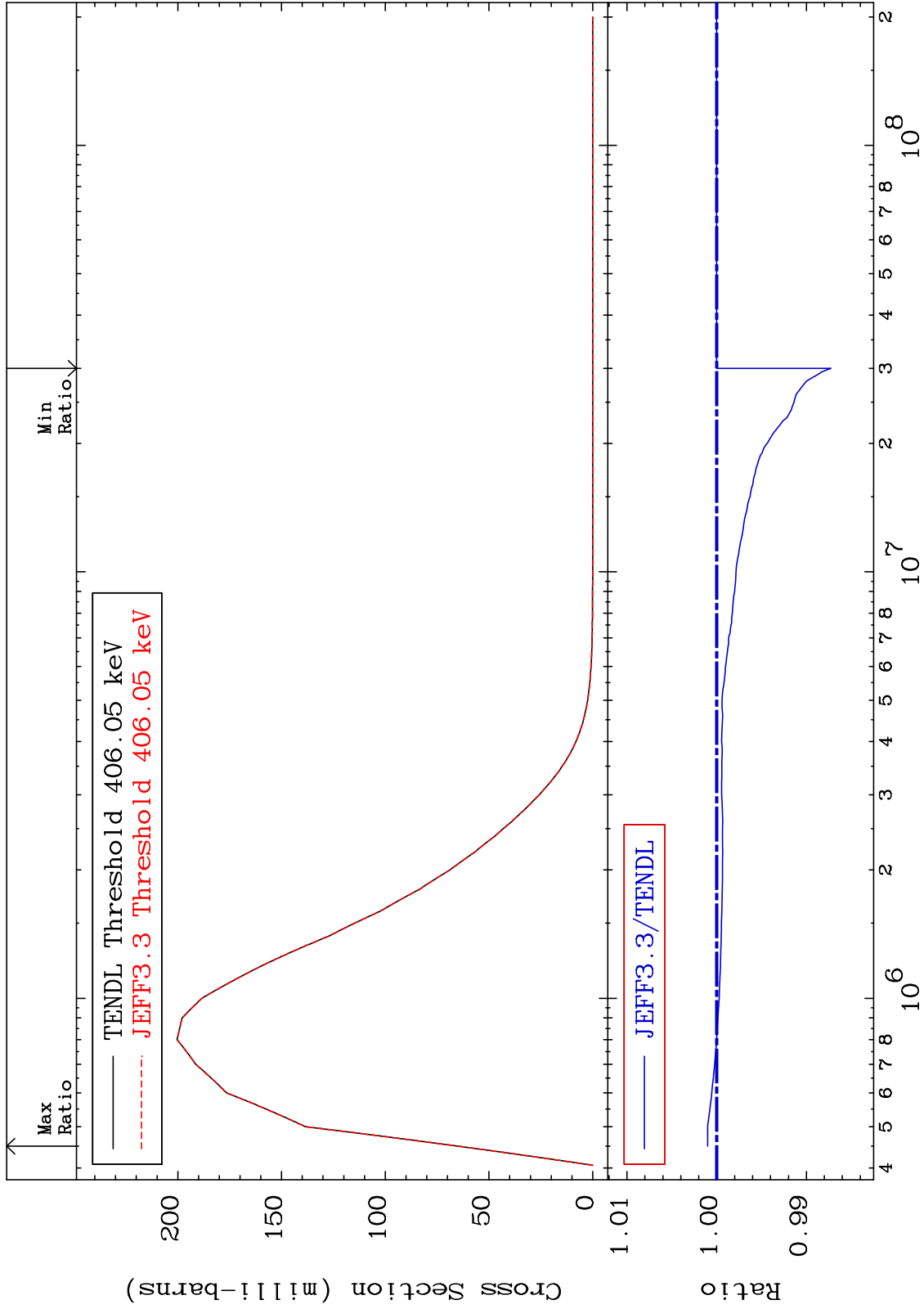
MAT 3325 MT= 54 (n,n') Level Cross Section 33-As-75
 -0.205 To 0.000 %



MAT 3325

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

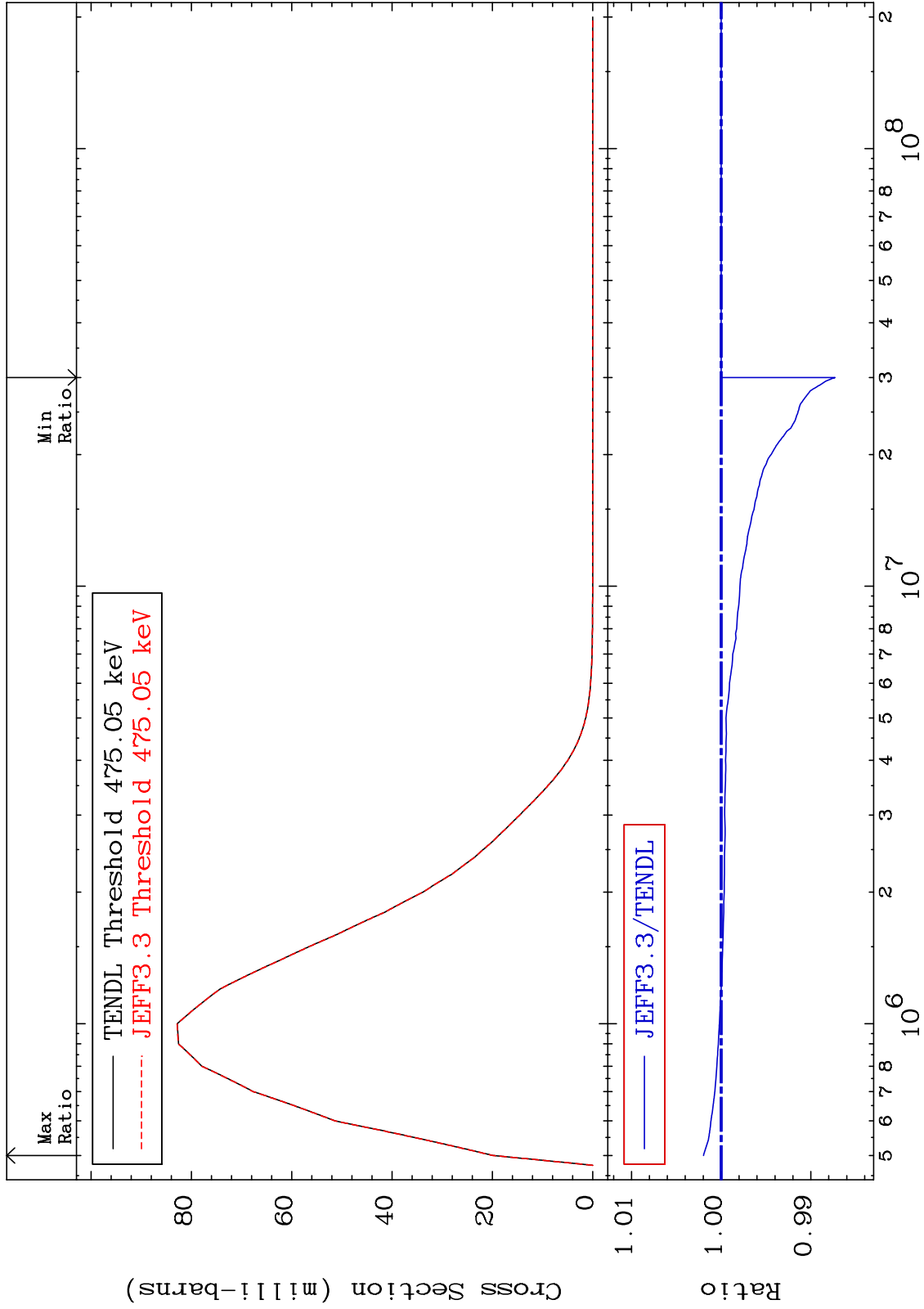
33-As-75
-1.273 To 0.102 %



MAT 3325

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

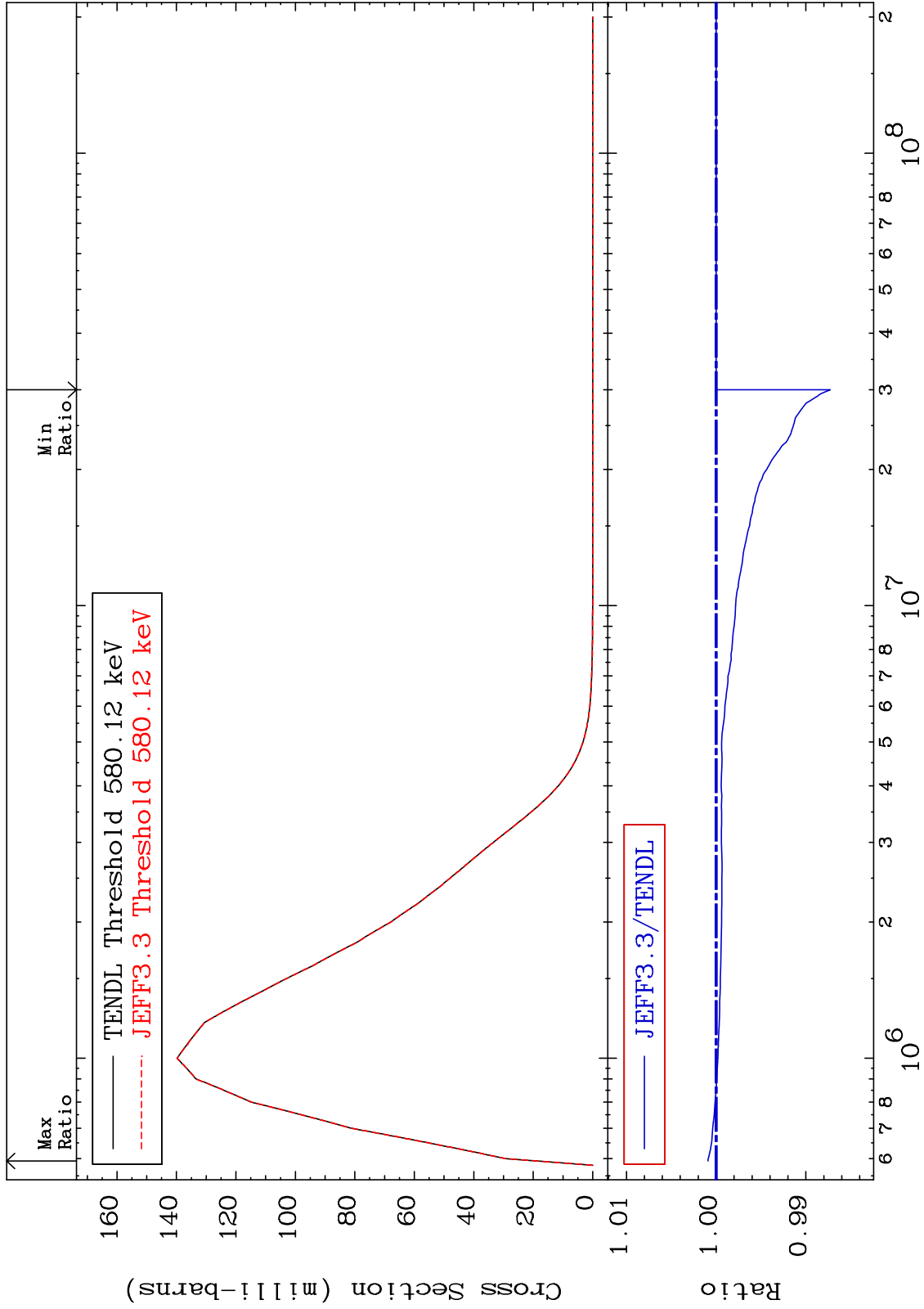
33-As-75
-1.270 To 0.198 %



MAT 3325

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

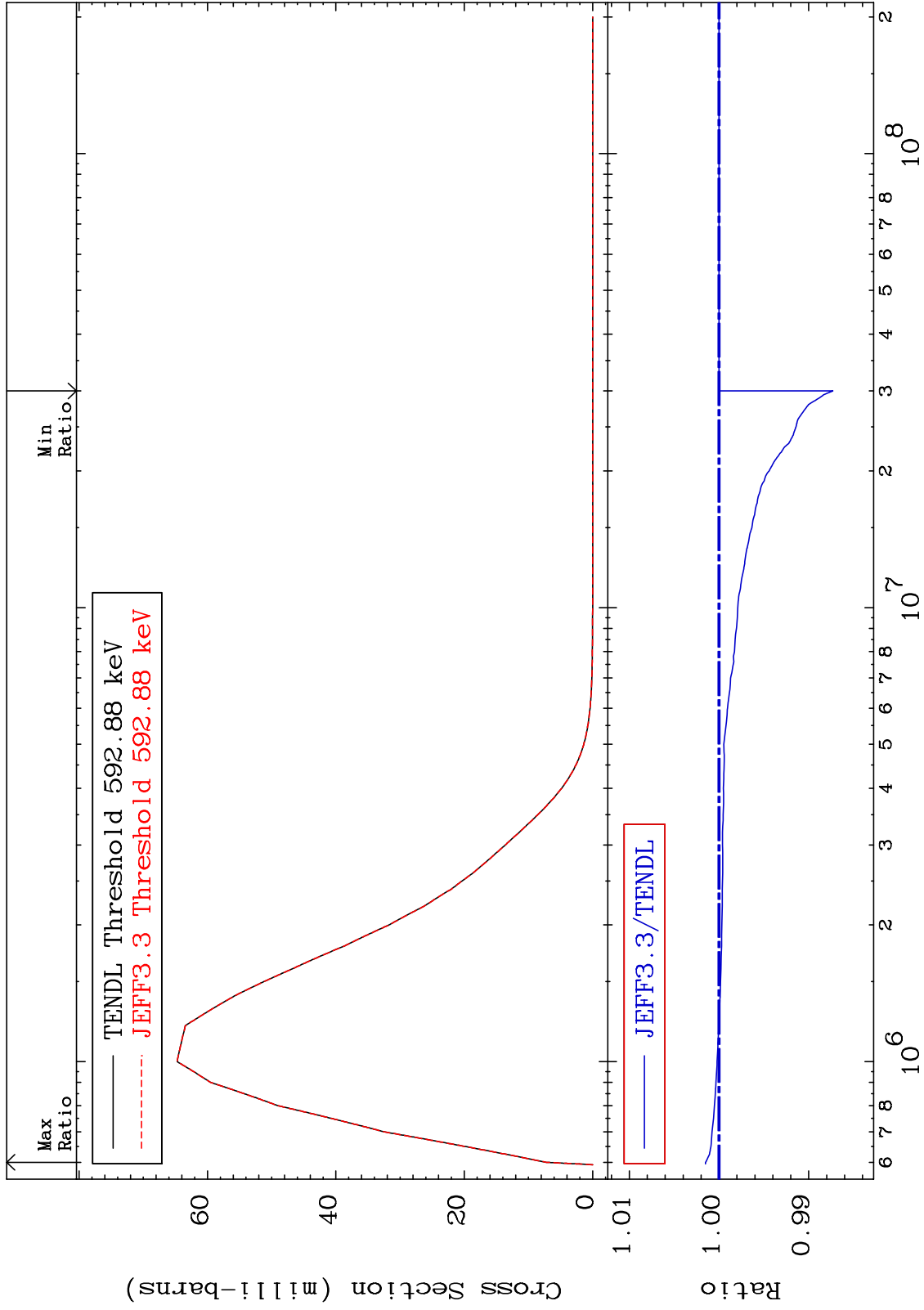
33-As-75
-1.273 To 0.090 %



MAT 3325

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

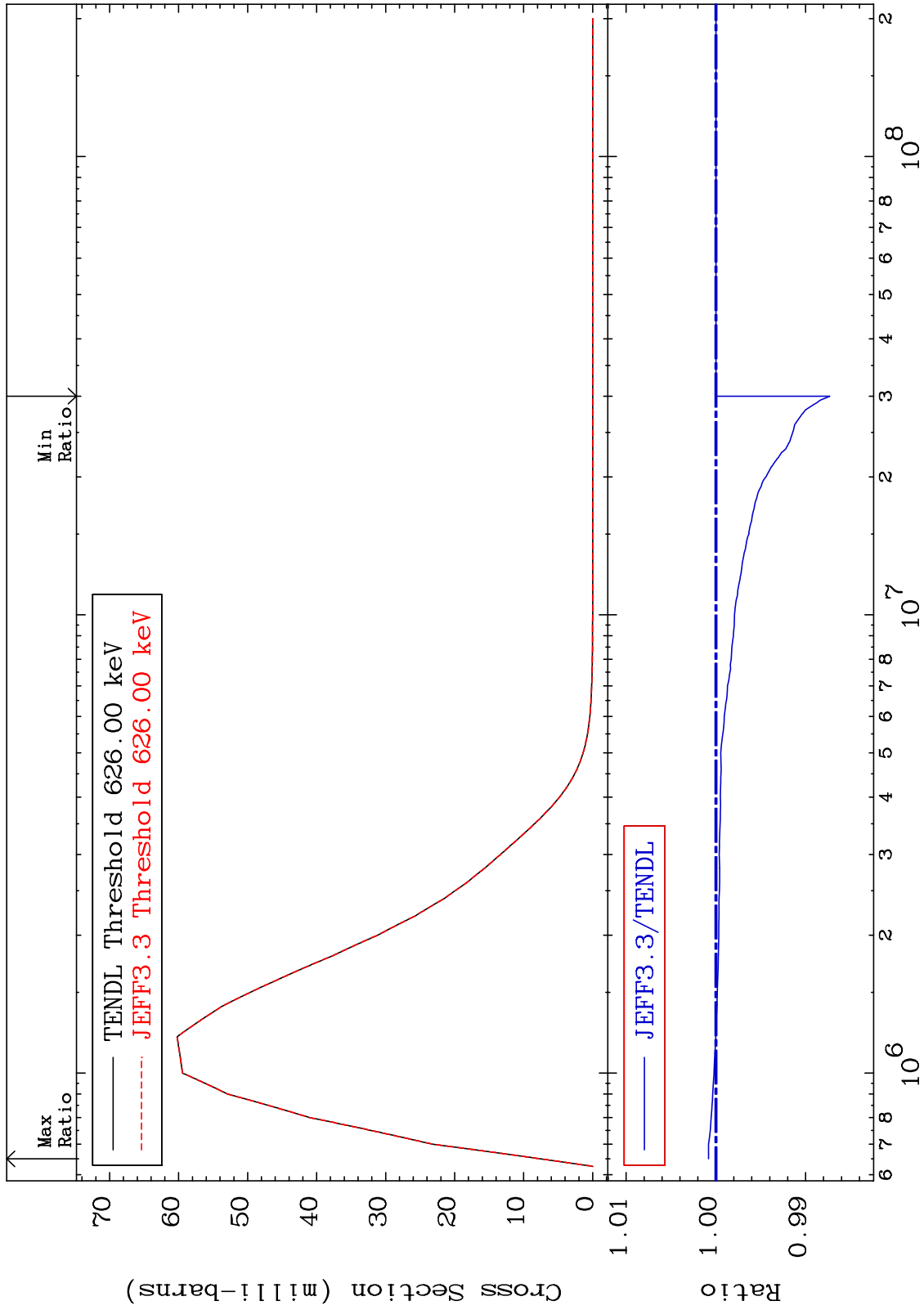
33-As-75
-1.270 To 0.151 %



MAT 3325

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

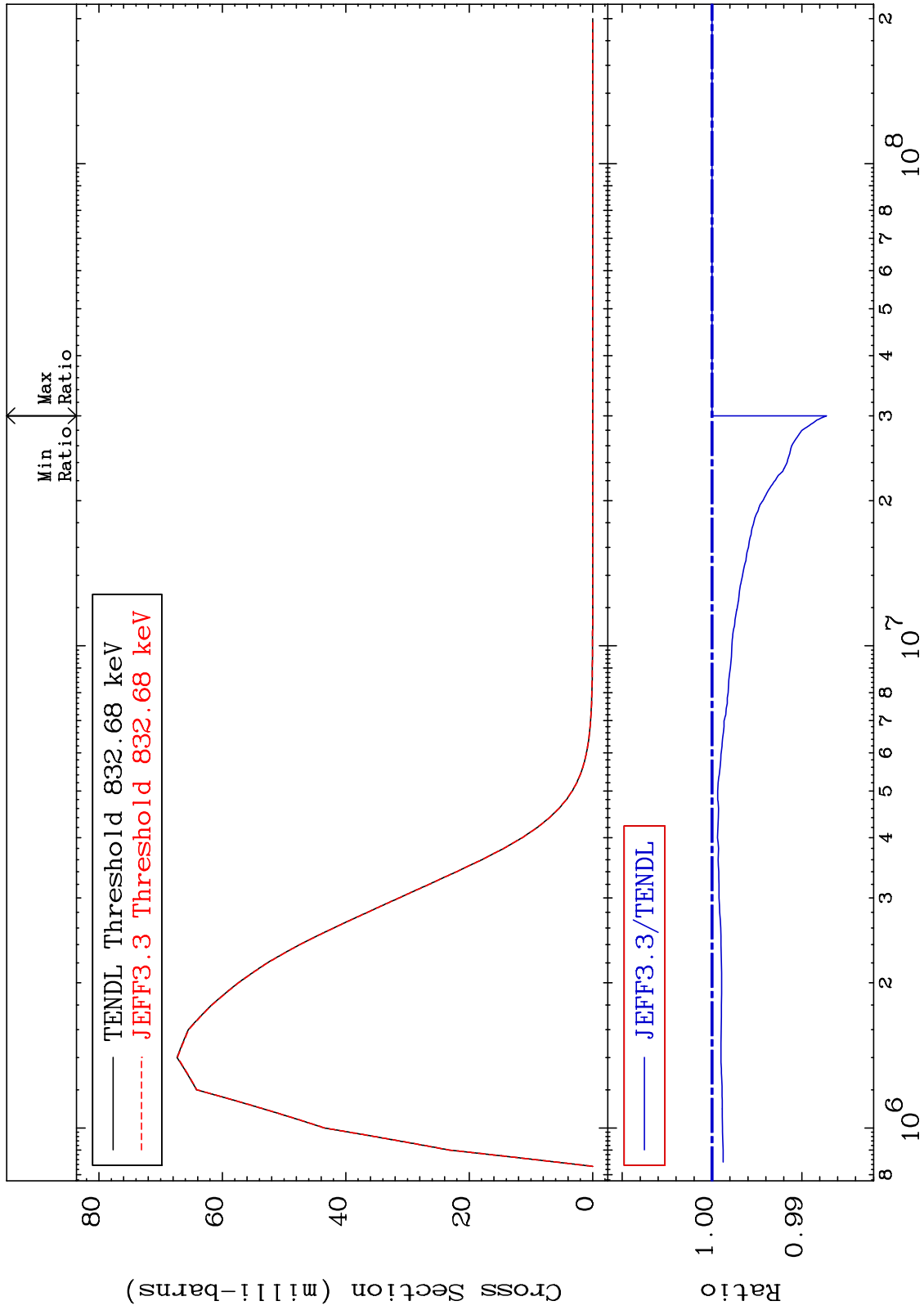
33-As-75
-1.270 To 0.081 %



MAT 3325

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

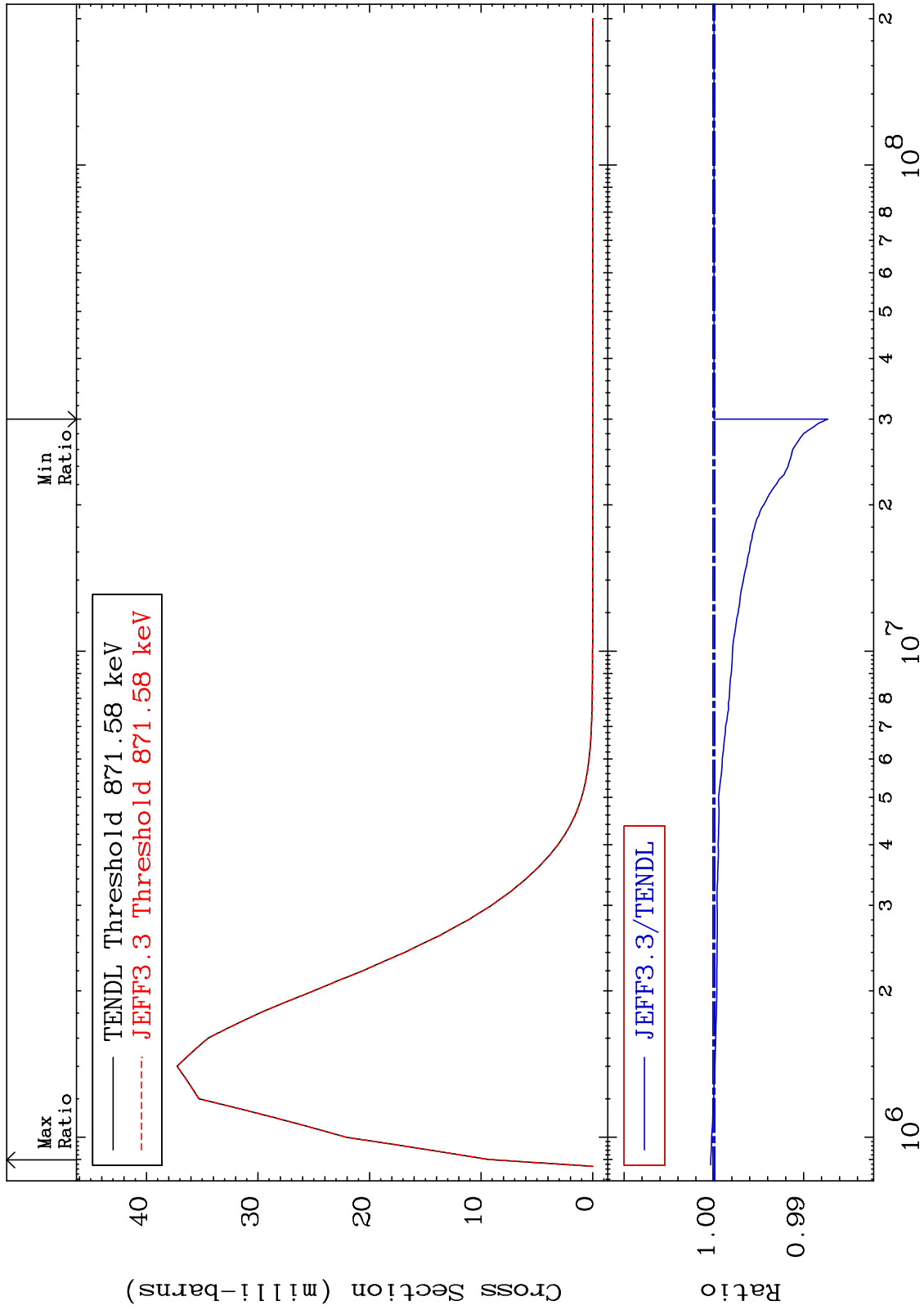
33-As-75
-1.275 To 0.000 %



MAT 3325

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

33-As-75
-1.270 To 0.036 %



33-As-75

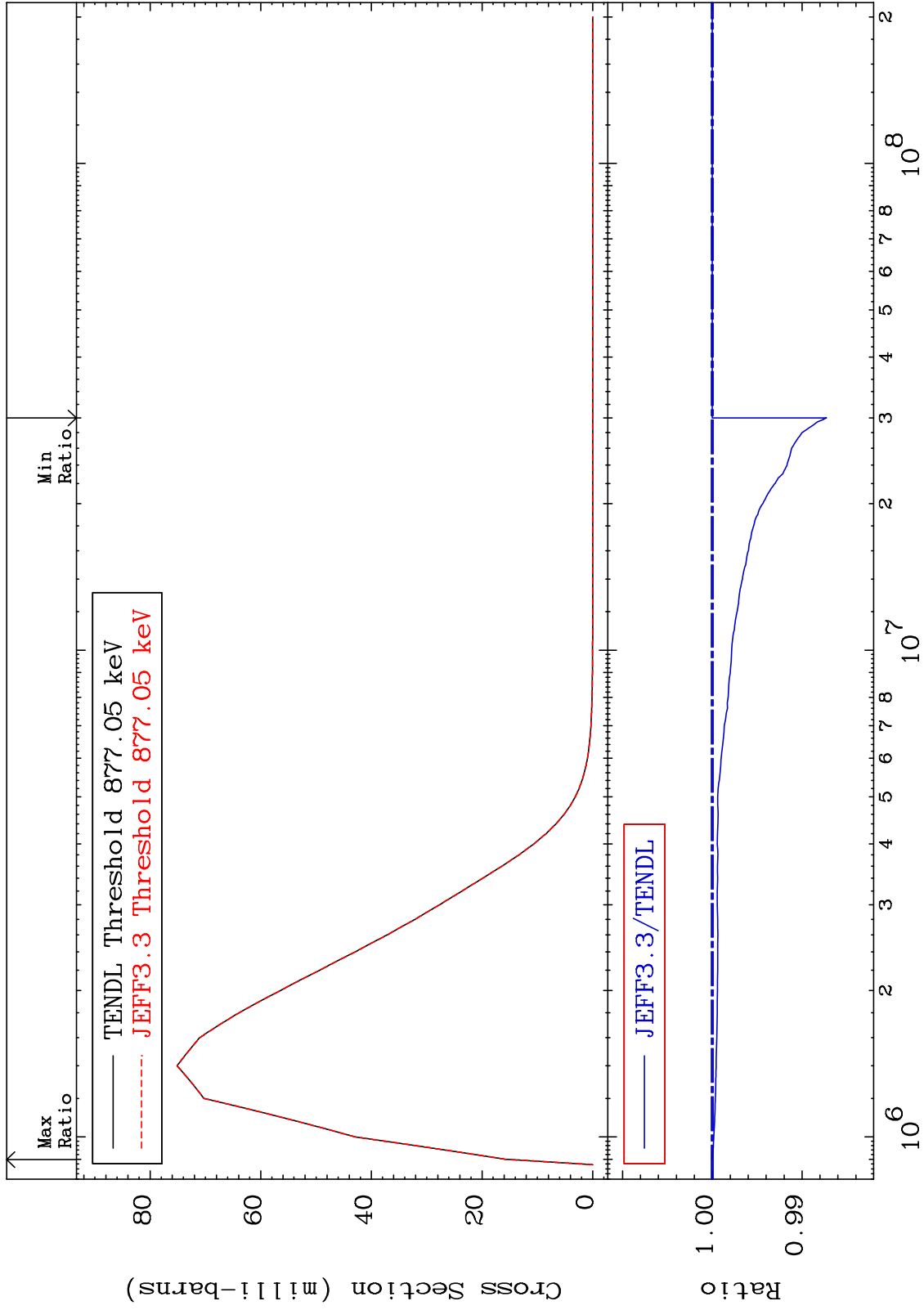
Incident Energy (eV)

30

MAT 3325

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

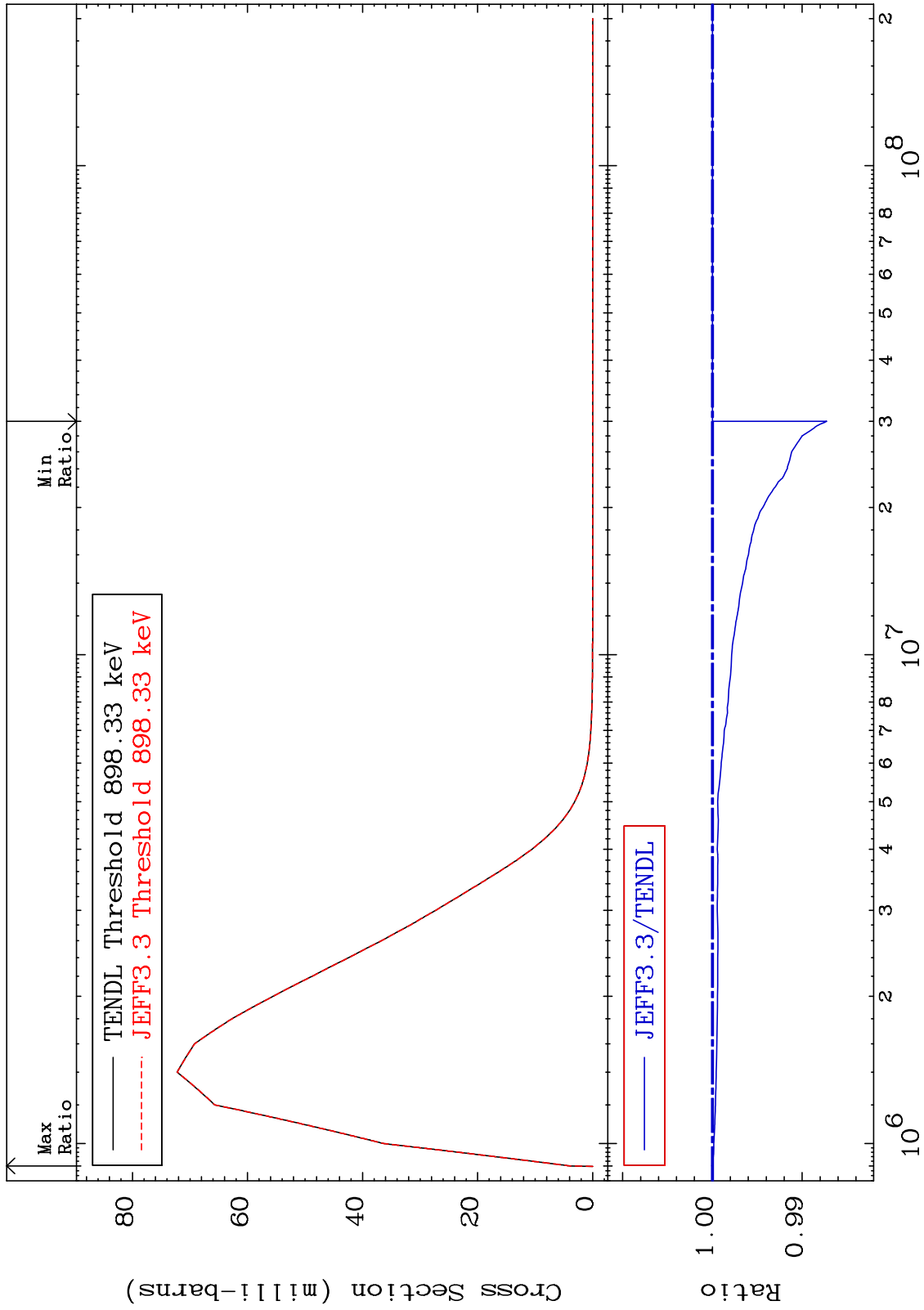
33-As-75
-1.273 To 0.004 %



MAT 3325

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

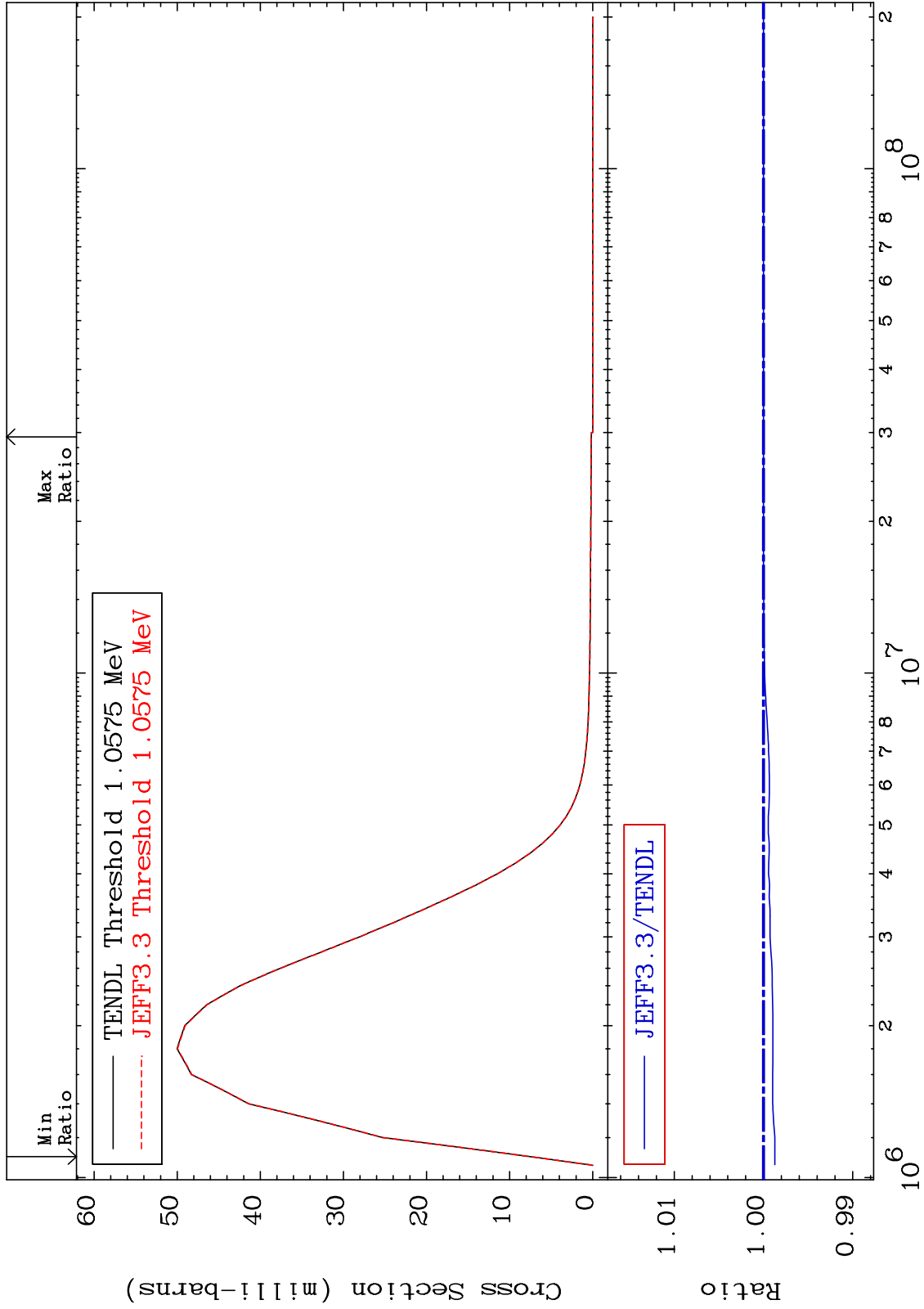
33-As-75
-1.273 To 0.007 %



MAT 3325

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

33-As-75
-0.128 To 0.000 %



33

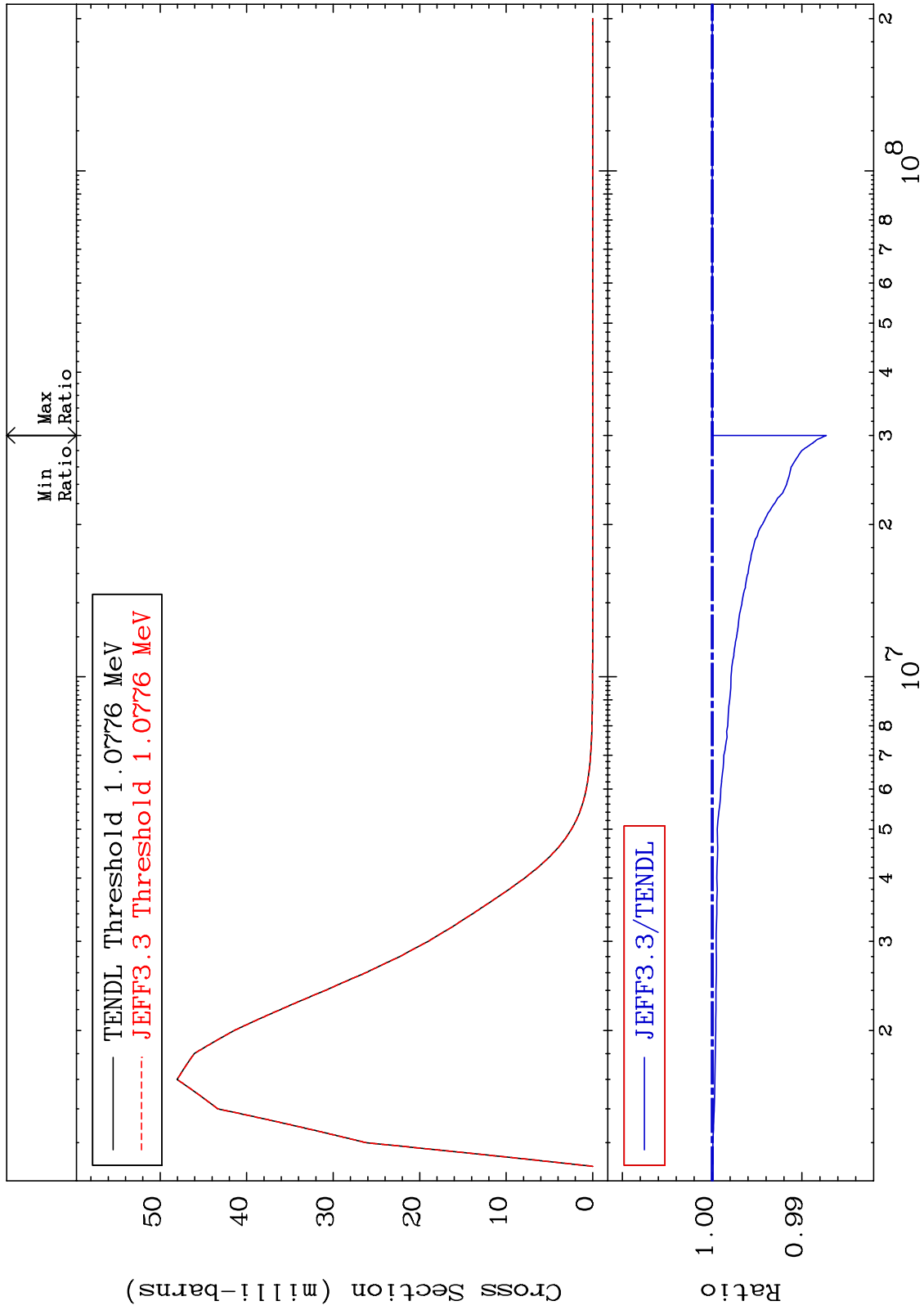
Incident Energy (eV)

33-As-75

MAT 3325

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

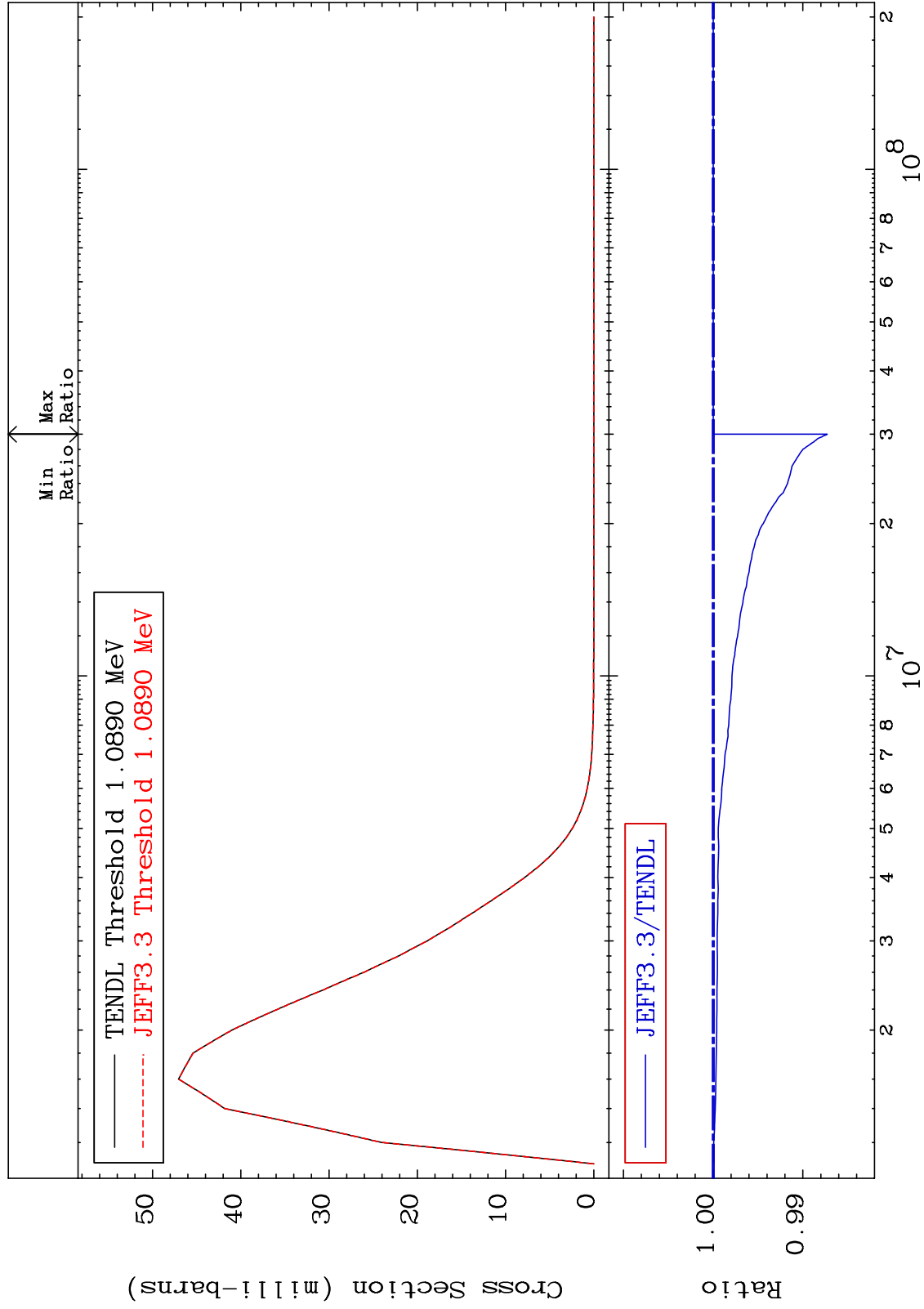
33-As-75
-1.271 To 0.000 %



MAT 3325

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

33-As-75
-1.271 To 0.000 %



35

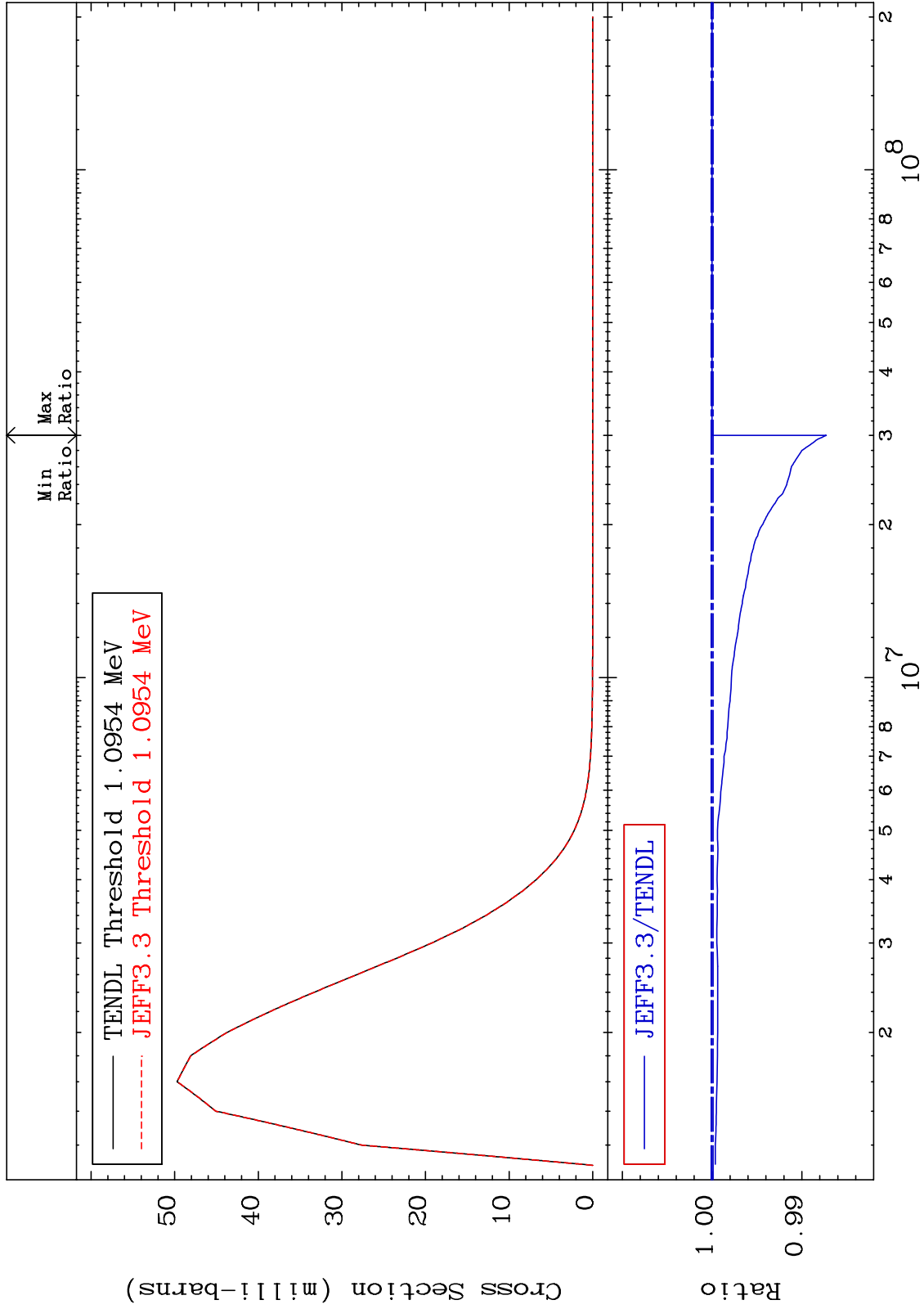
Incident Energy (eV)

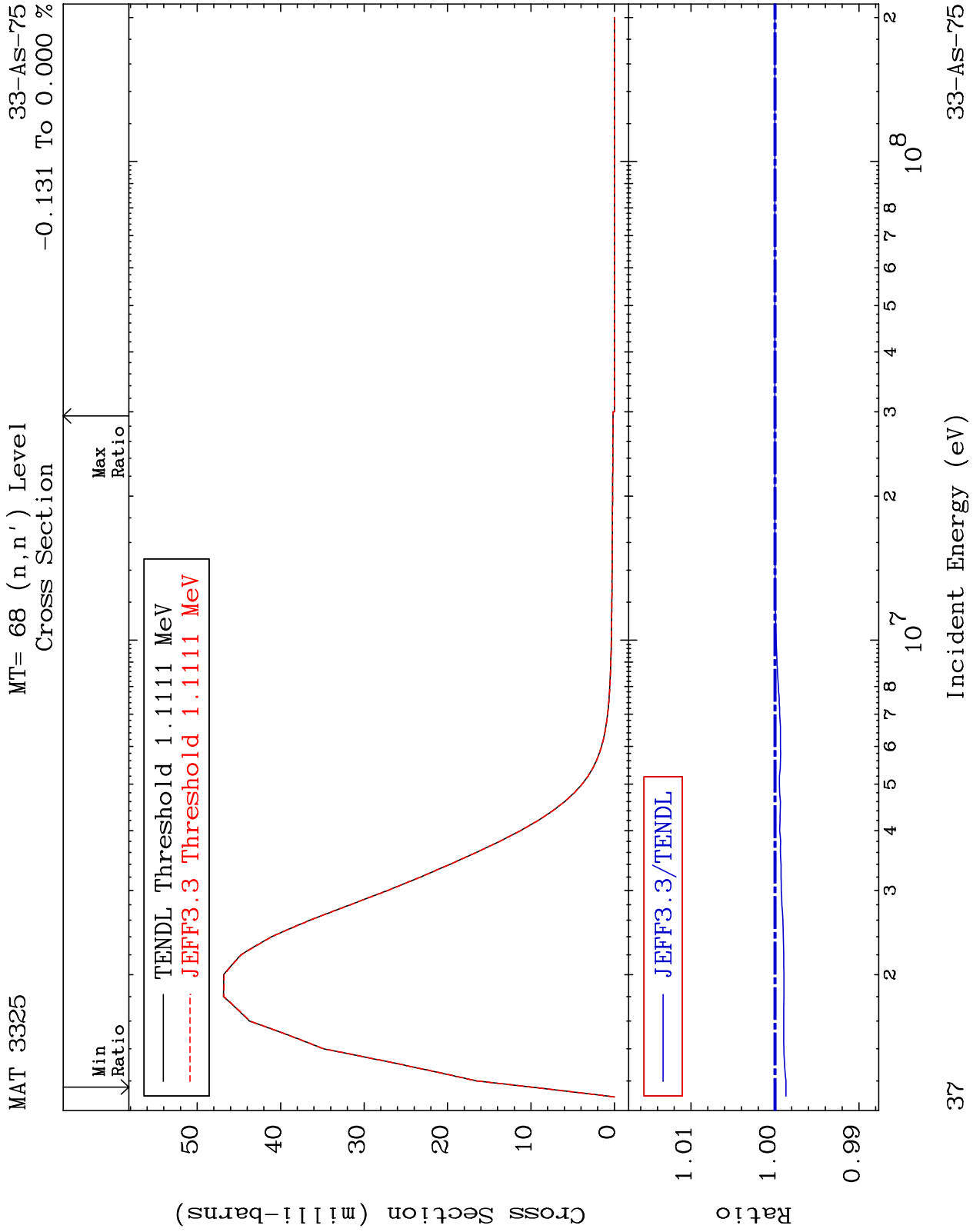
33-As-75

MAT 3325

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

33-As-75
-1.272 To 0.000 %

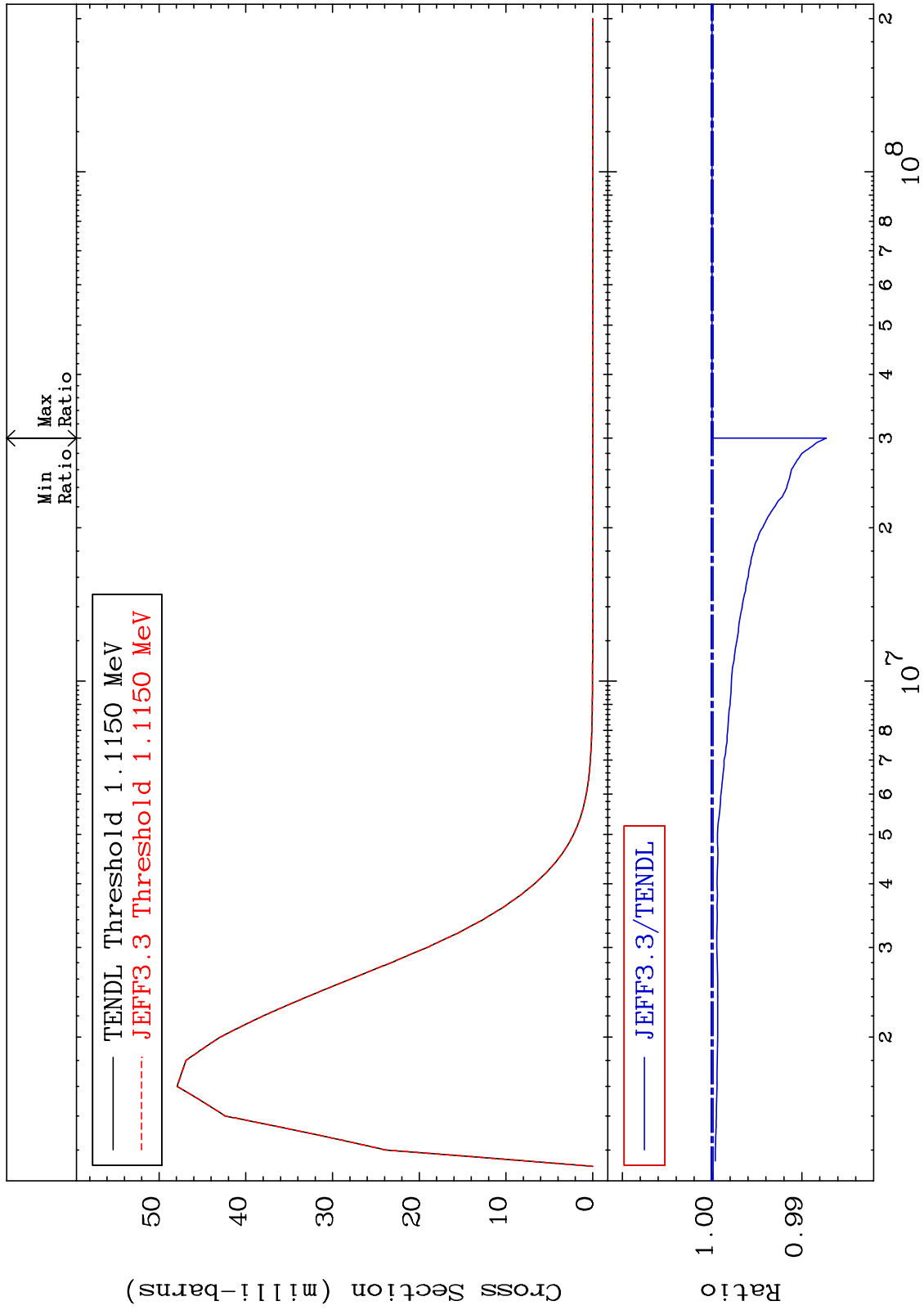




MAT 3325

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

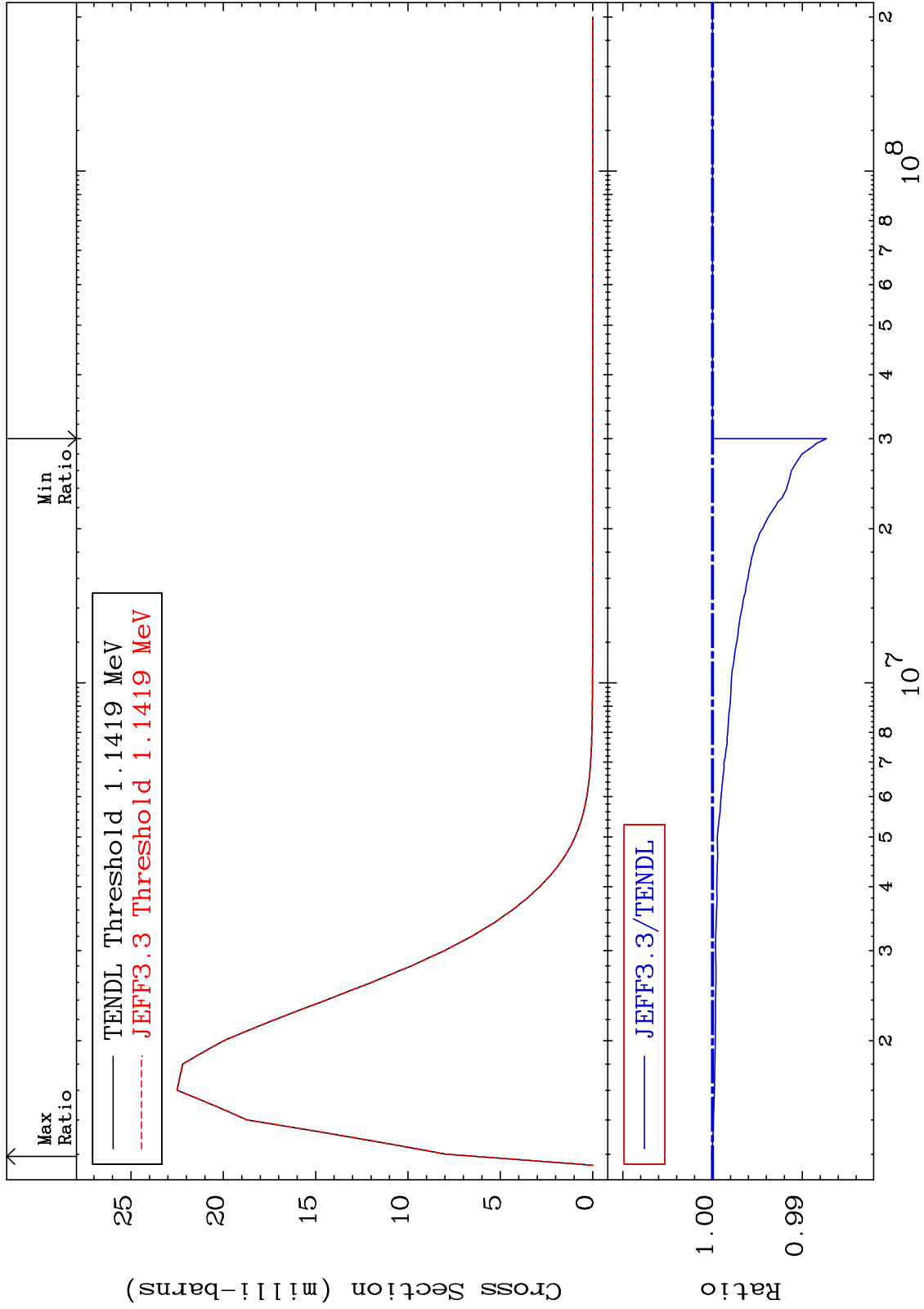
33-As-75
-1.273 To 0.000 %



MAT 3325

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

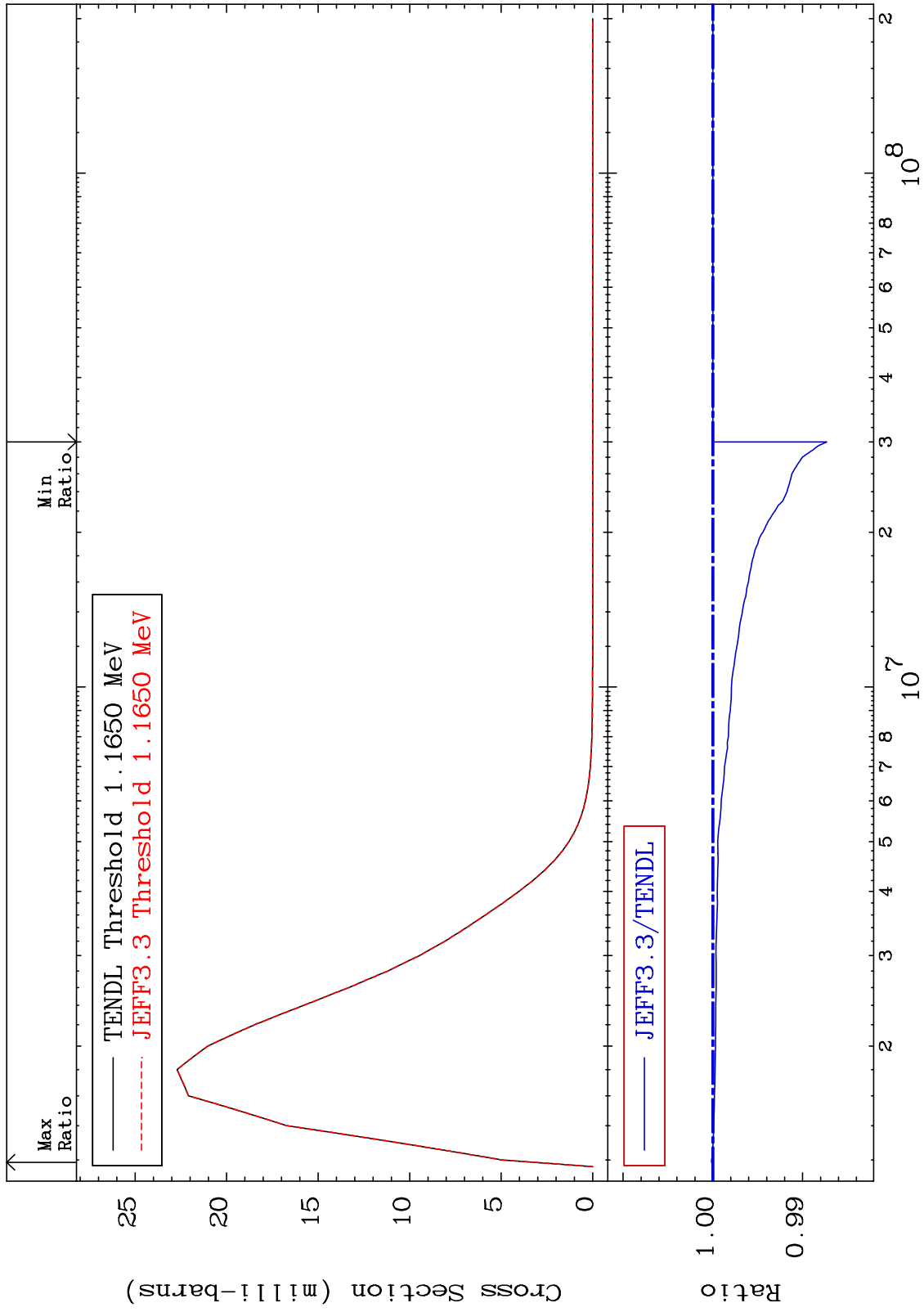
33-As-75
-1.270 To 0.007 %



MAT 3325

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

33-As-75
-1.269 To 0.013 %



40

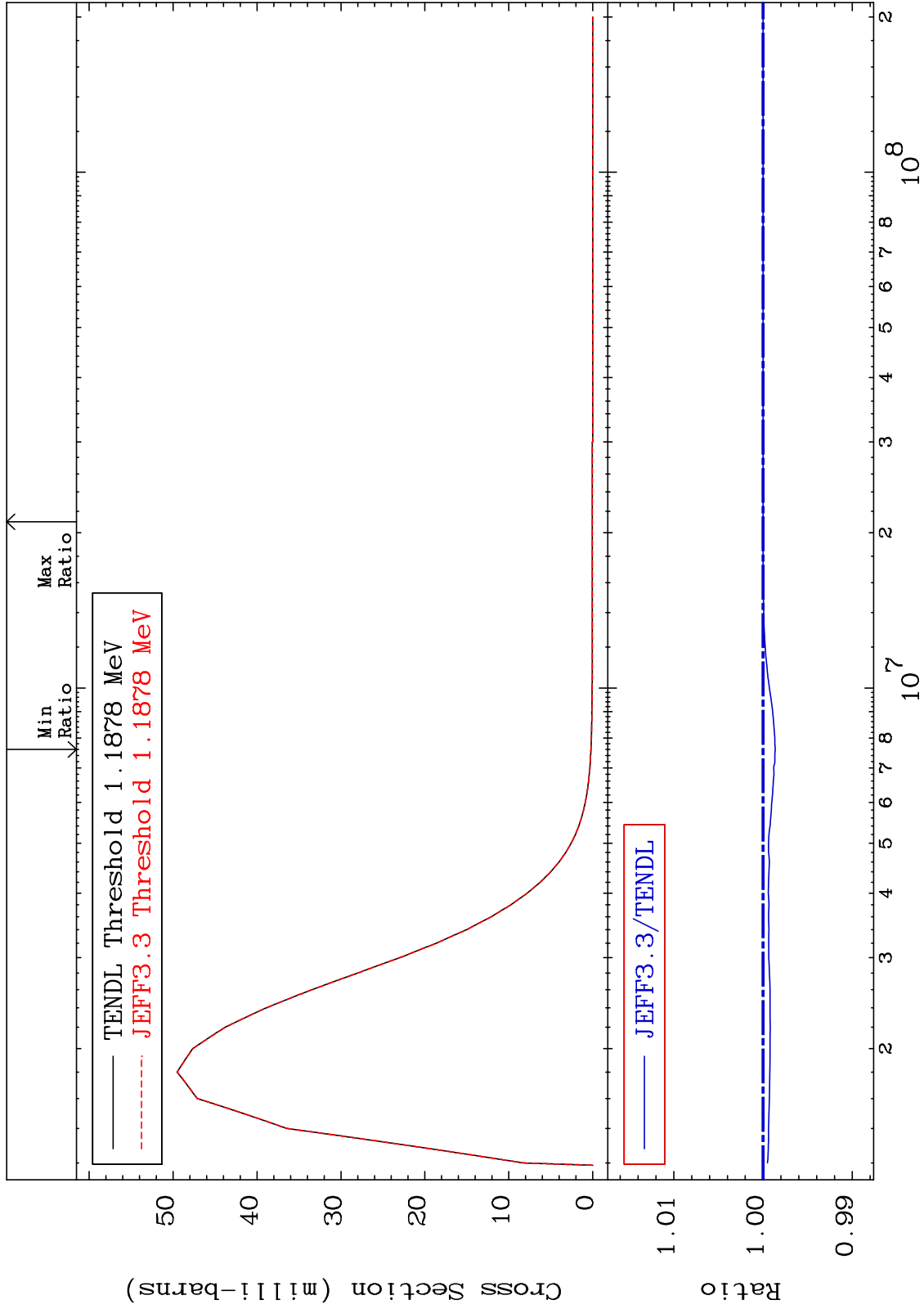
33-As-75

33-As-75

MAT 3325

MT= 72 (n, n') Level
Cross Section

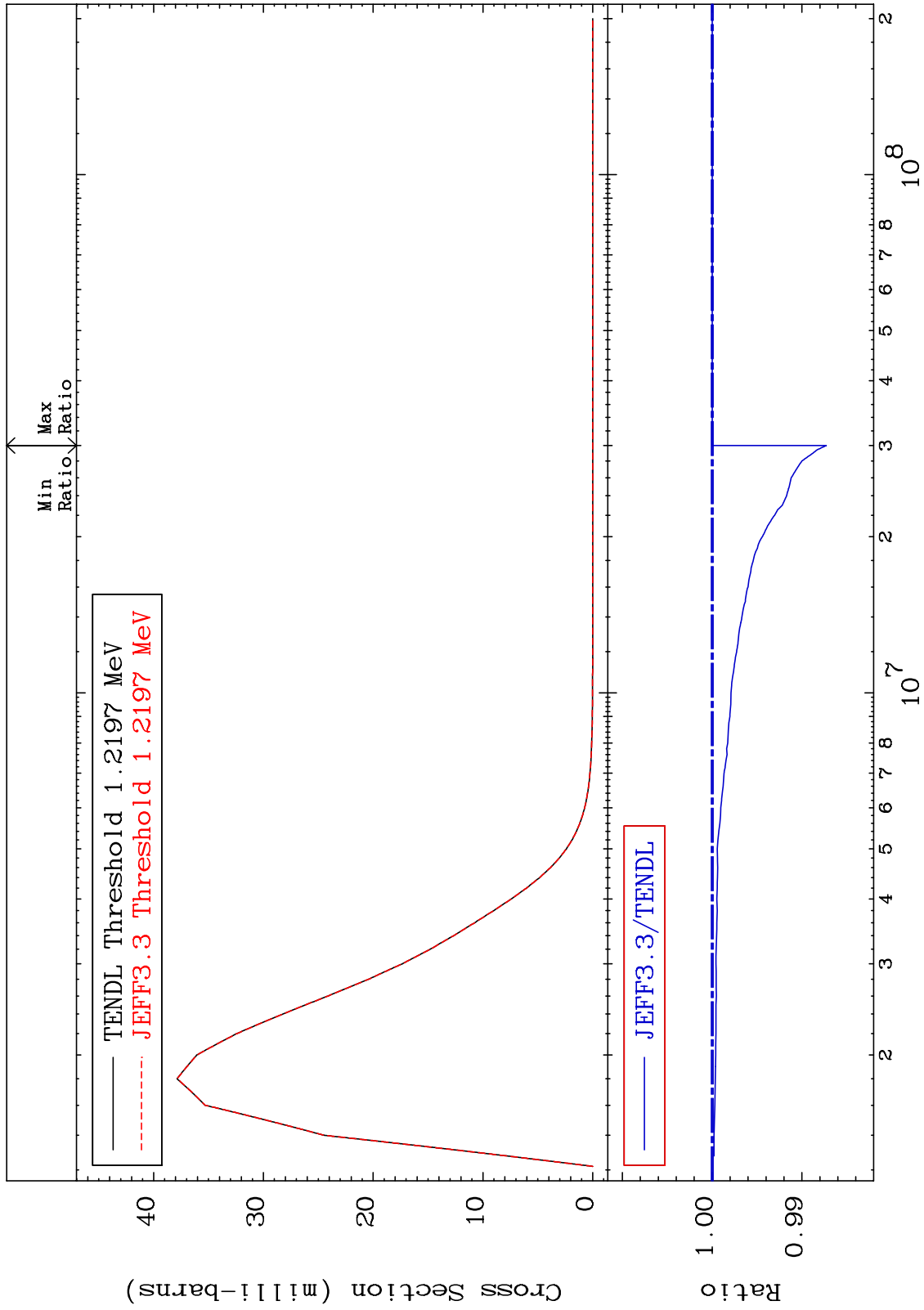
33-As-75
-0.137 To 0.000 %



MAT 3325

MT= 73 (n,n') Level
Cross Section

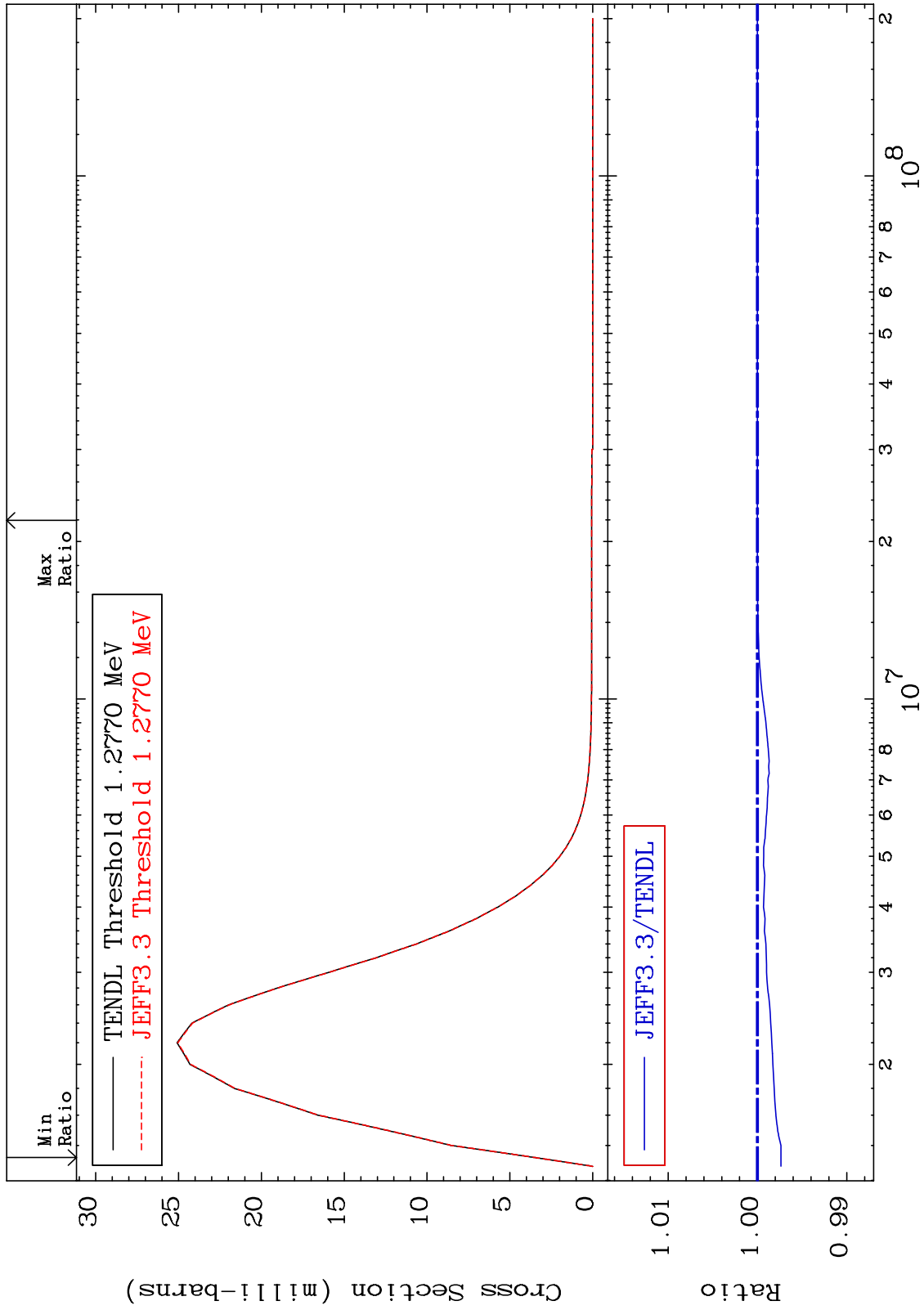
33-As-75
-1.271 To 0.000 %

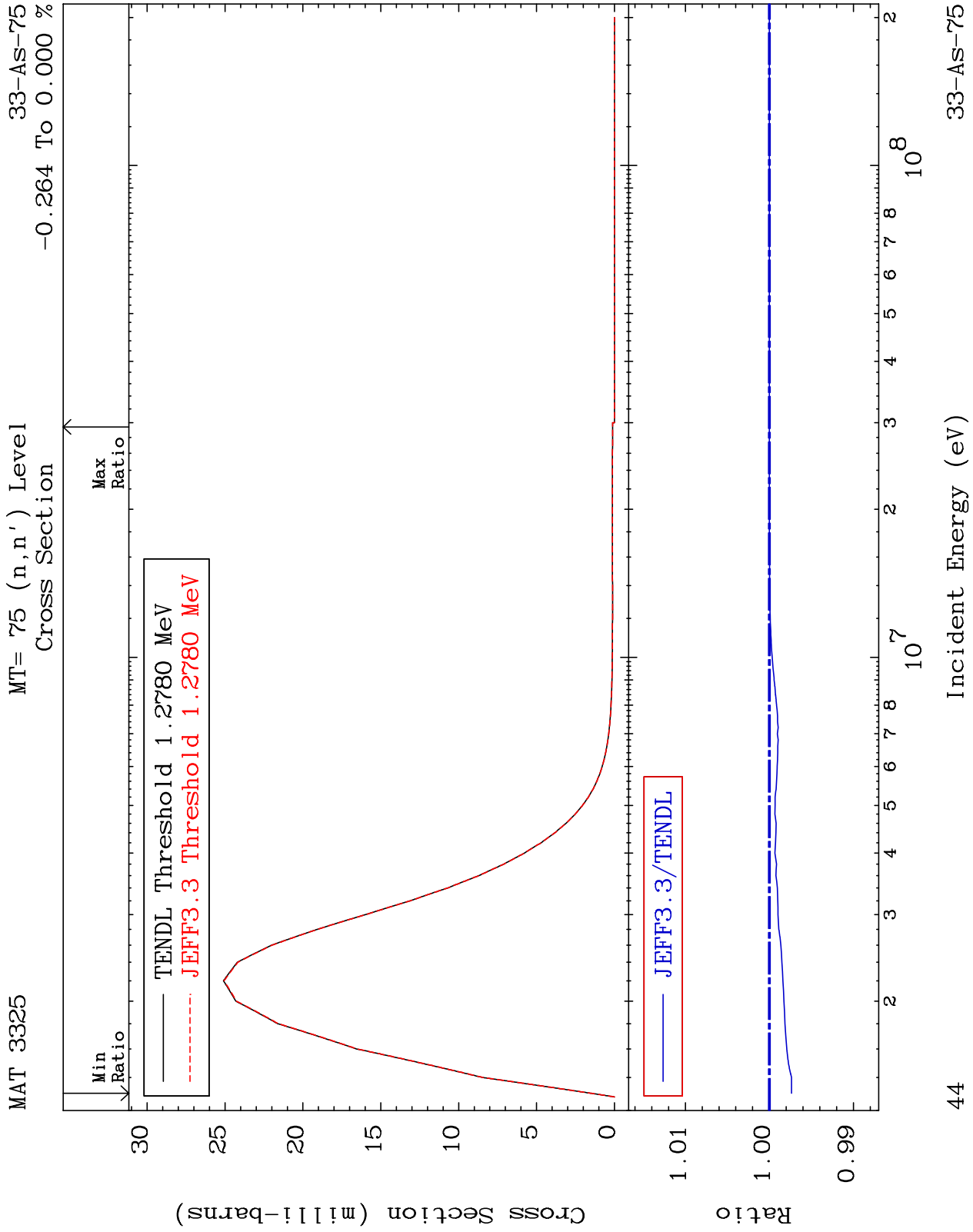


MAT 3325

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

33-As-75
-0.263 To 0.000 %

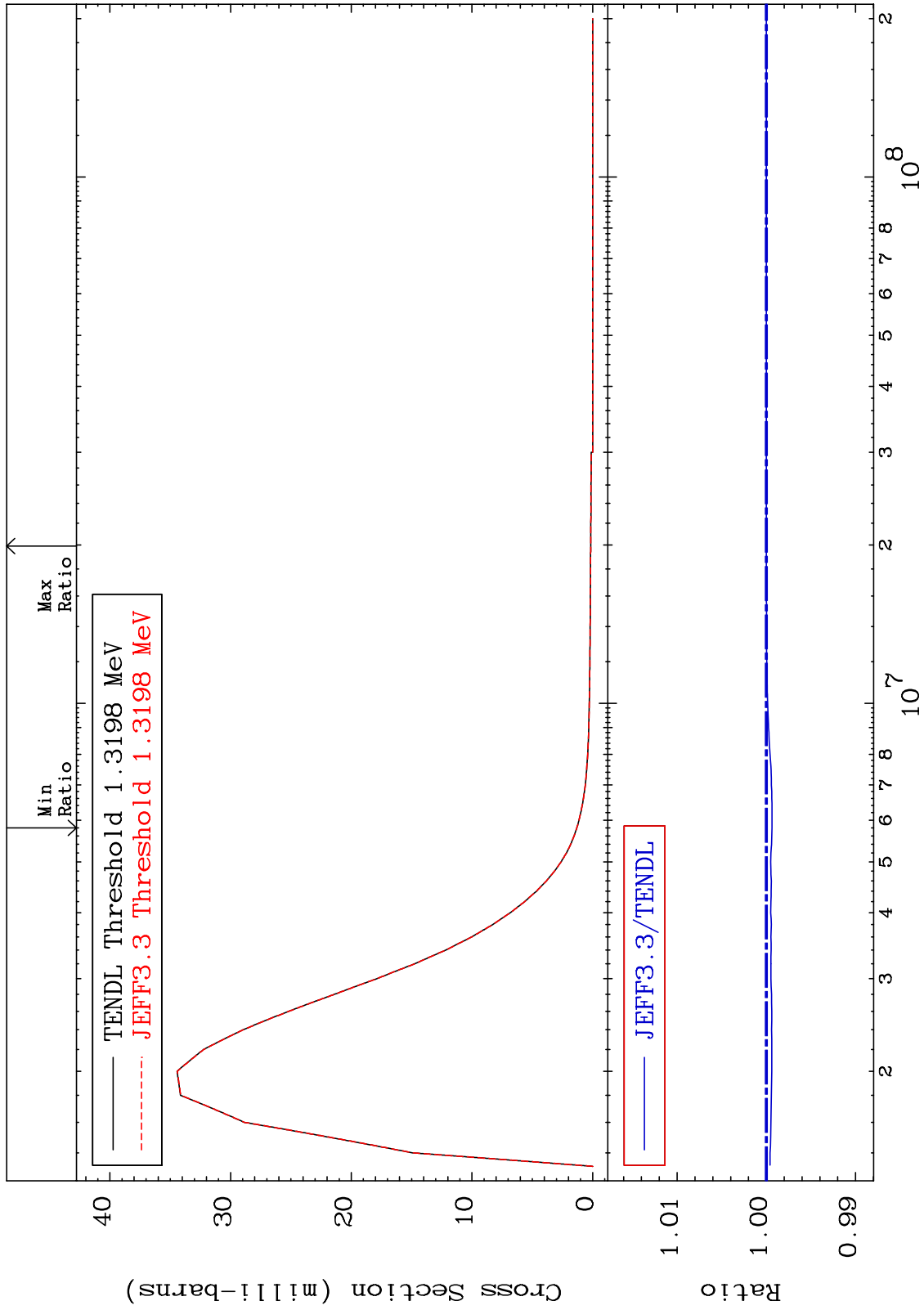




MAT 3325

MT= 76 (n,n') Level
Cross Section

33-As-75
-0.064 To 0.000 %



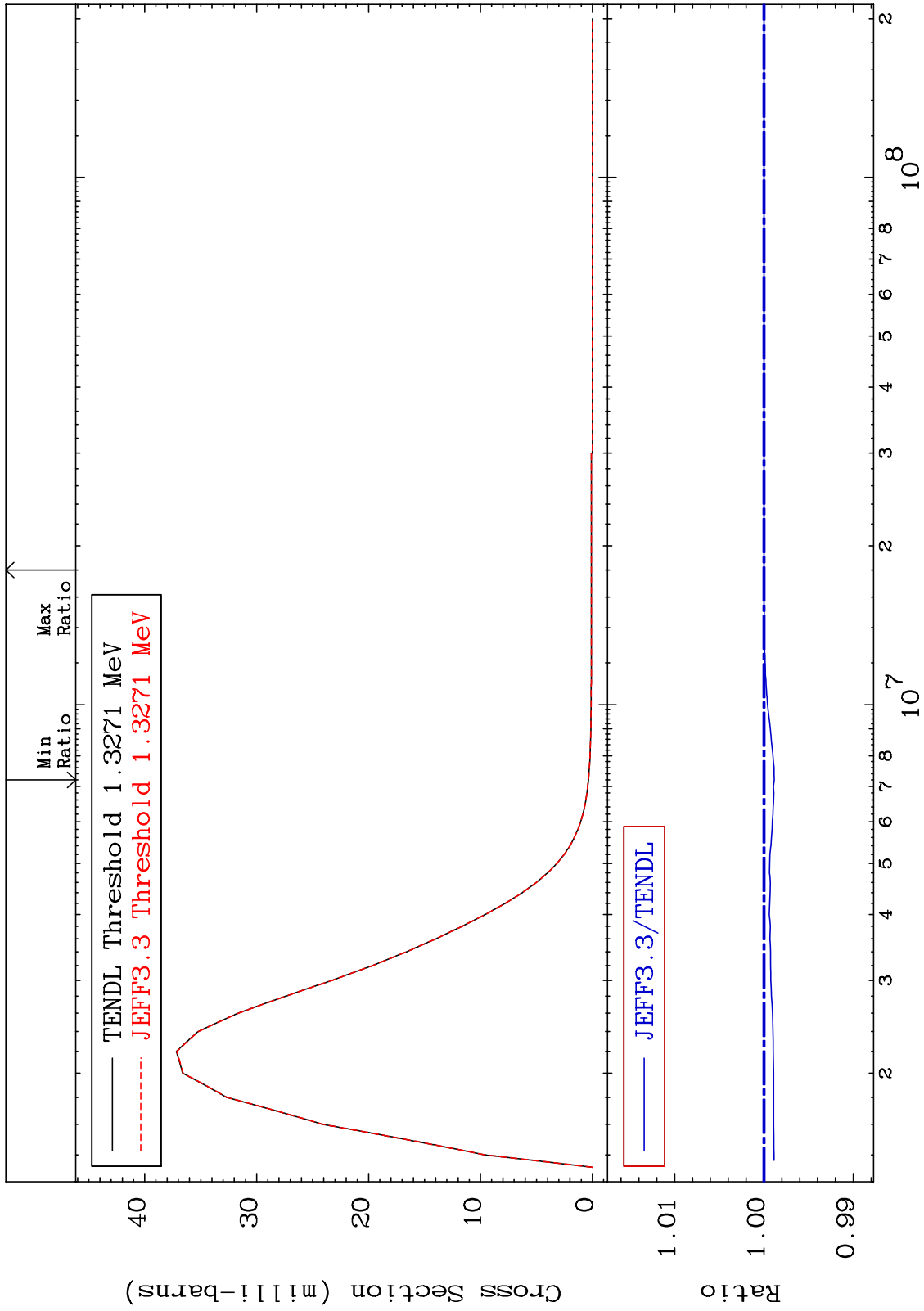
MAT 3325

MT= 77 (n,n') Level

33-As-75

-0.114 To 0.000 %

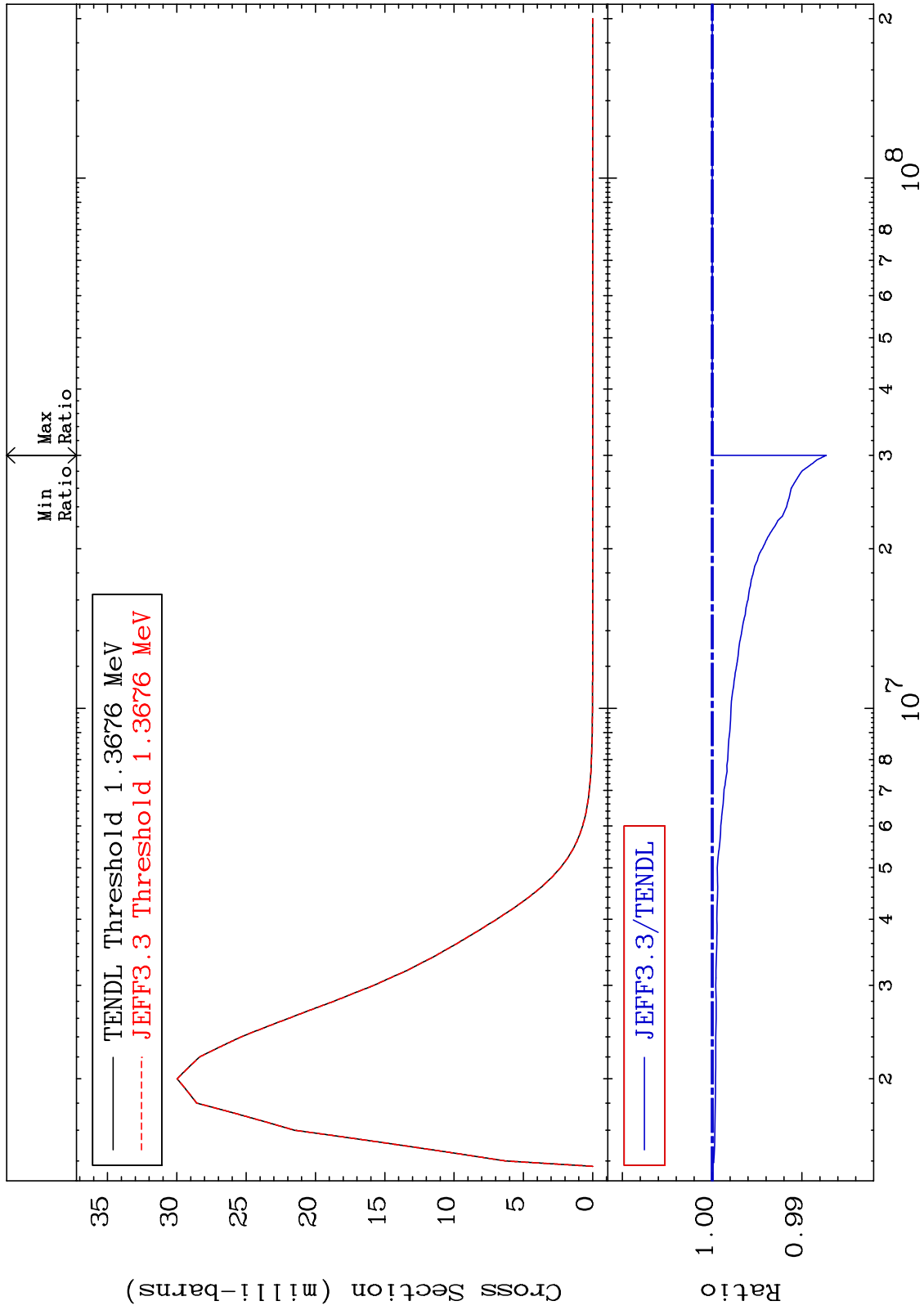
Cross Section



MAT 3325

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

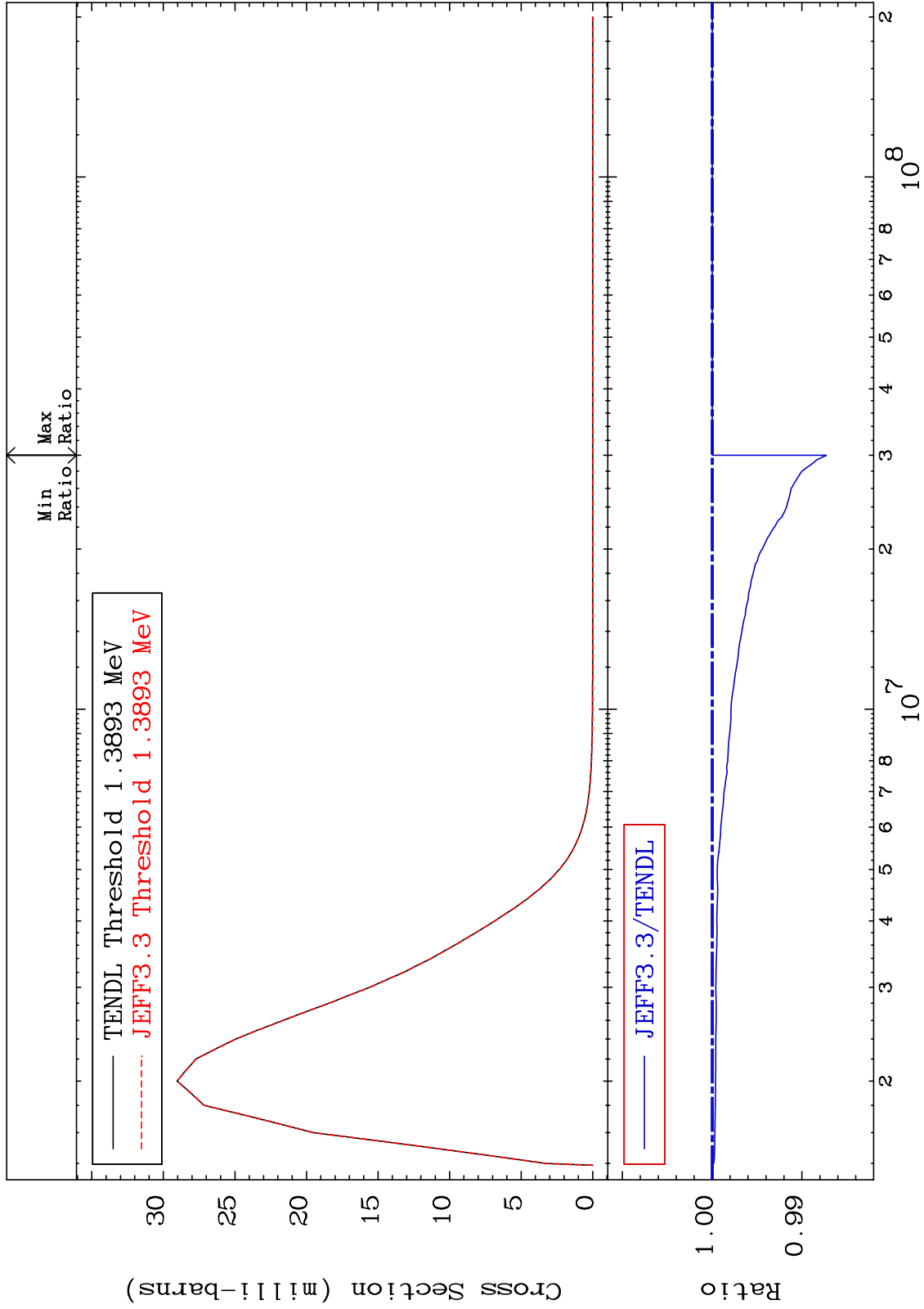
33-As-75
-1.271 To 0.000 %



MAT 3325

MT= 79 (n,n') Level
Cross Section

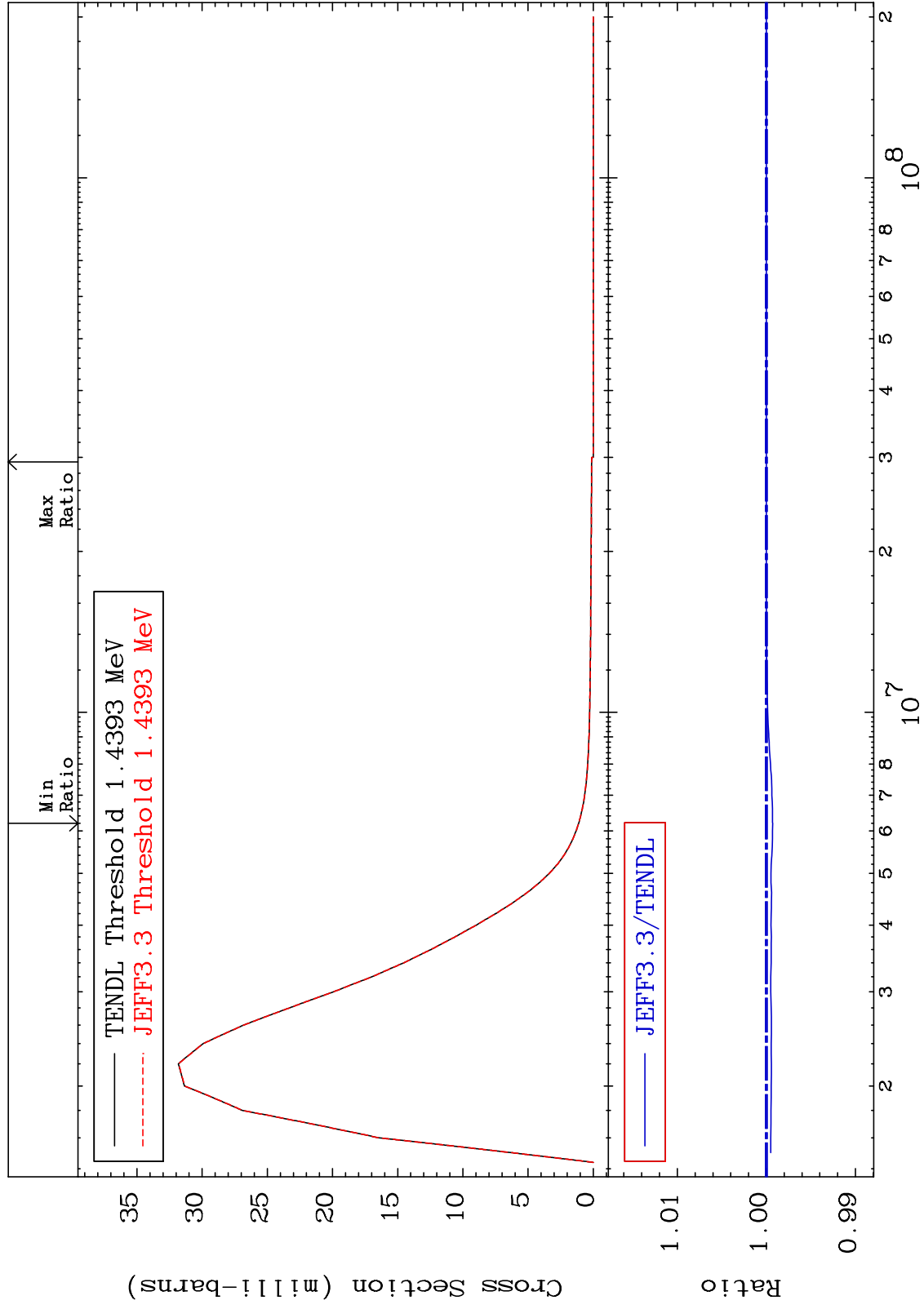
33-As-75
-1.271 To 0.000 %



MAT 3325

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

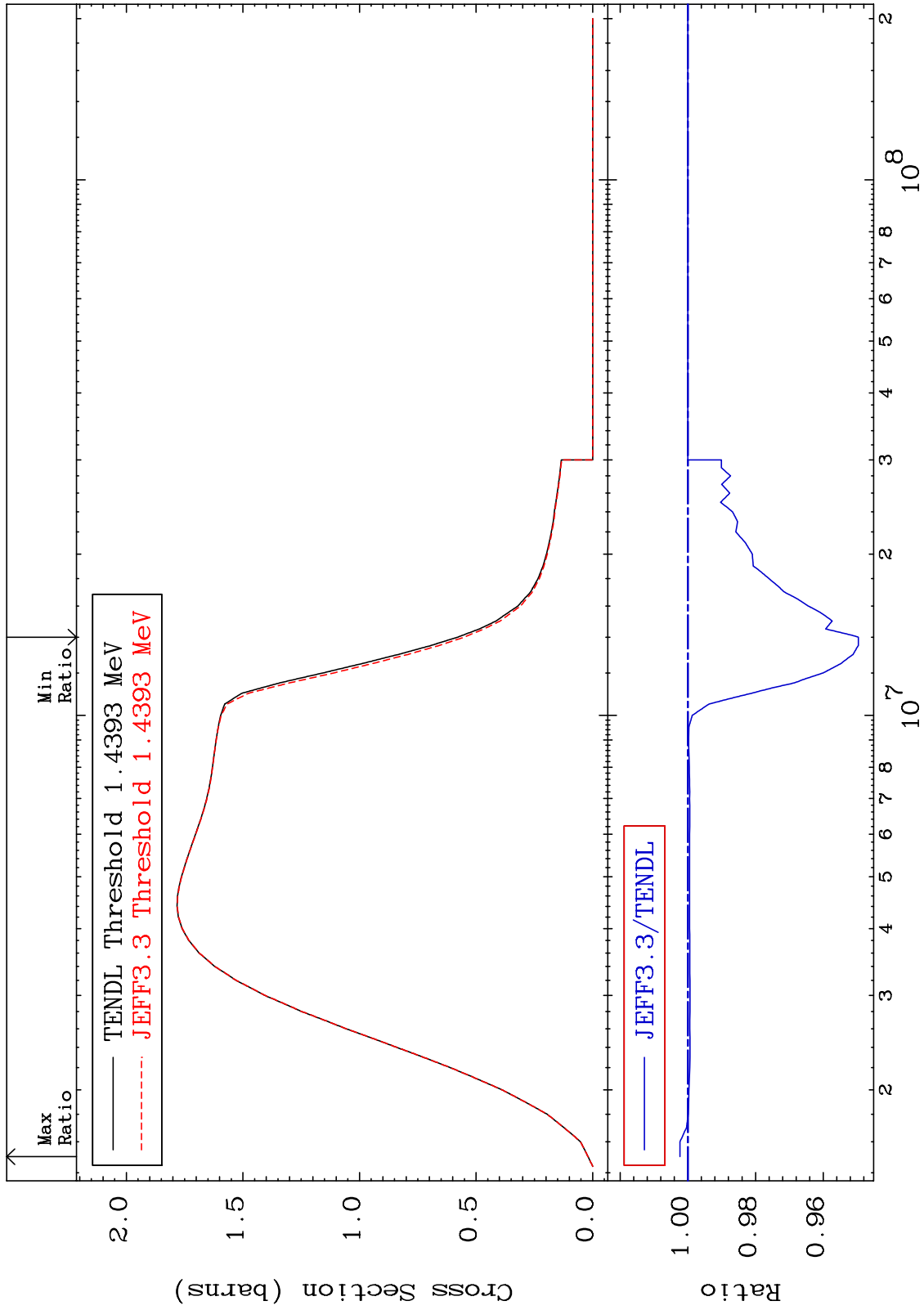
33-As-75
-0.070 To 0.000 %



MAT 3325

(n, n') Continuum
Cross Section

33-As-75
-5.040 To 0.232 %



50

Incident Energy (eV)

33-As-75

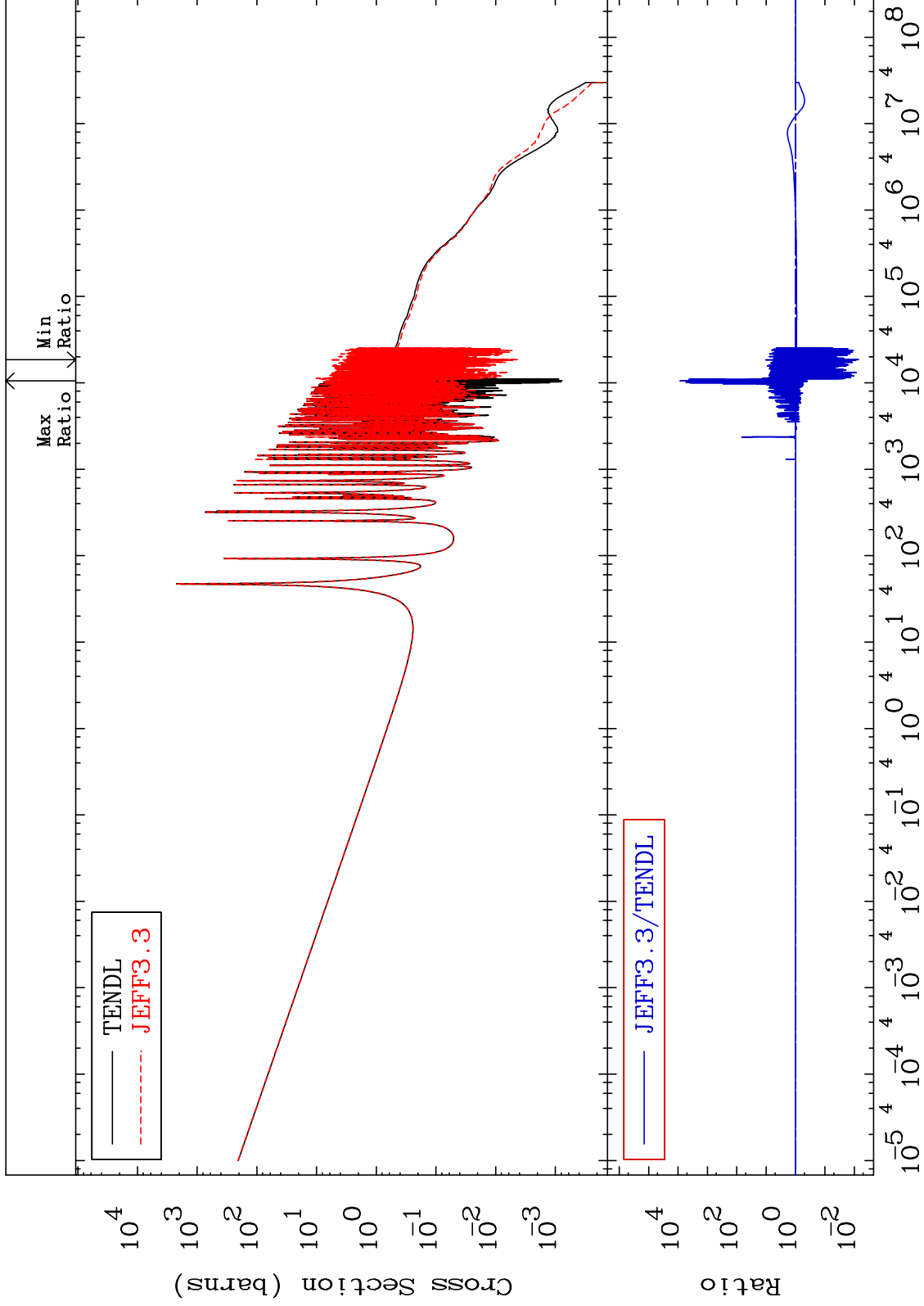
MAT 3325

(n, γ)

33-As-75

Cross Section

-99.27 To 9999. %



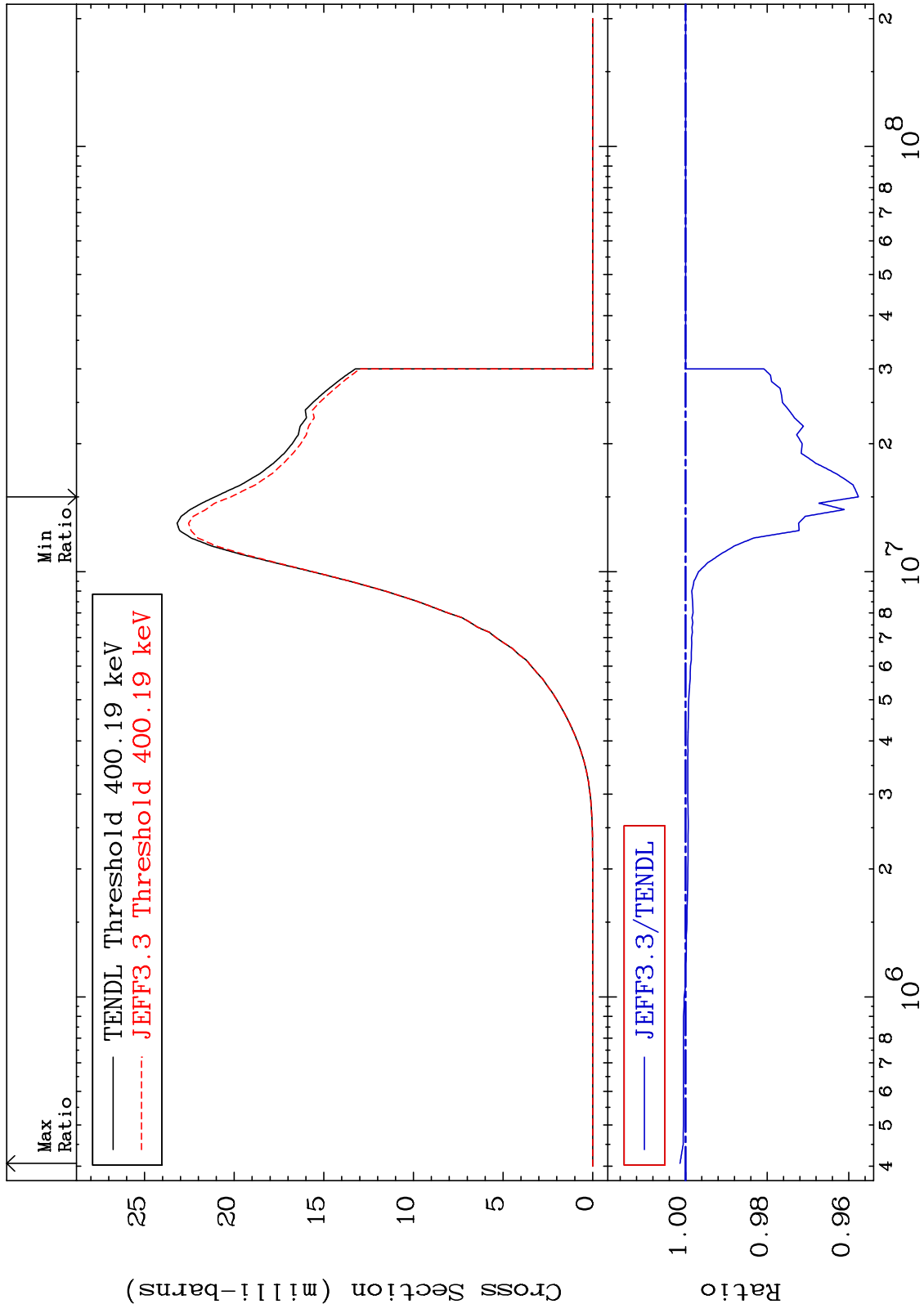
MAT 3325

(n,p)

33-As-75

Cross Section

-4.235 To 0.135 %



52

Incident Energy (eV)

33-As-75

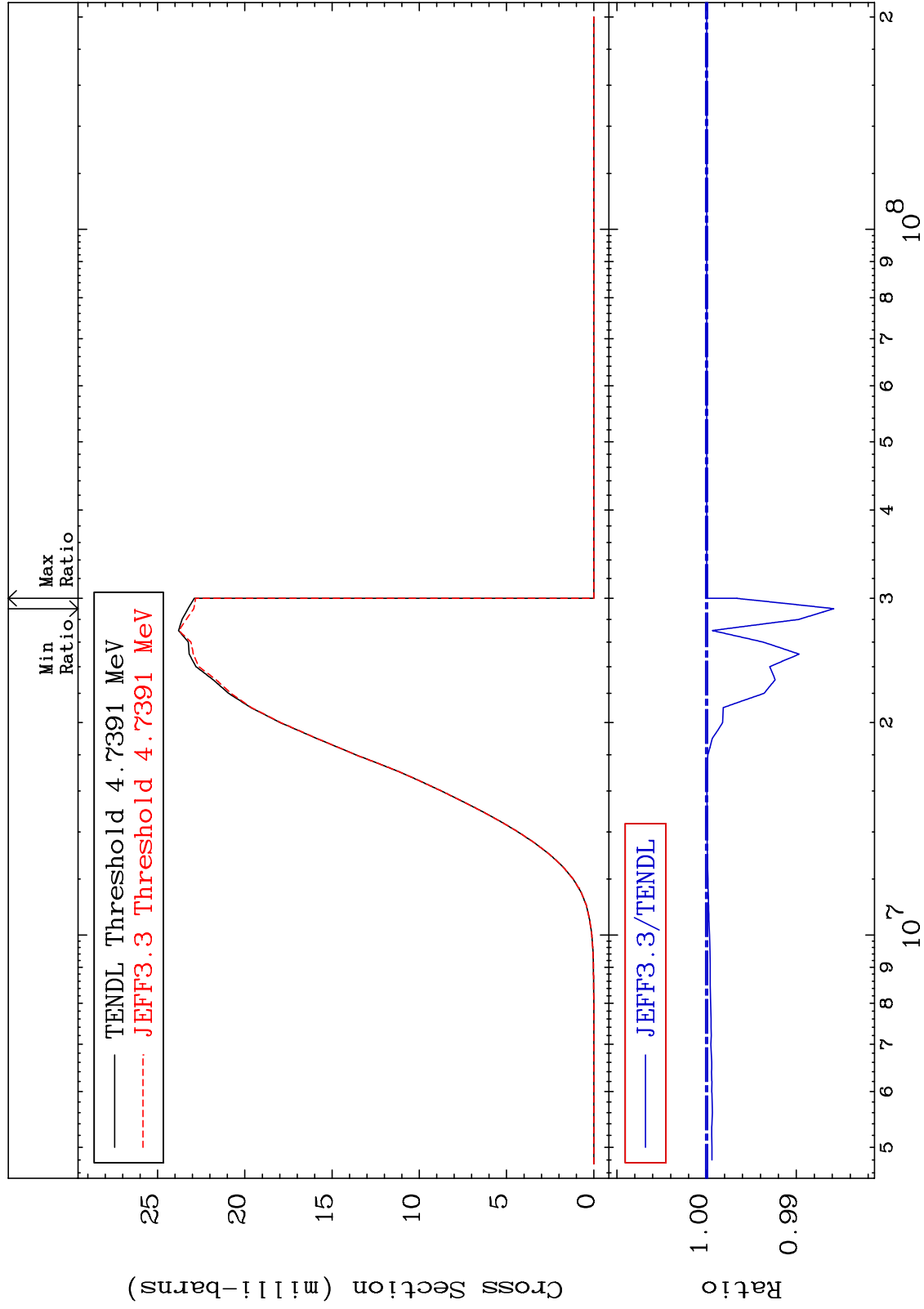
MAT 3325

(n, d)

33-As-75

-1.416 To 0.000 %

Cross Section



53

Incident Energy (eV)

33-As-75

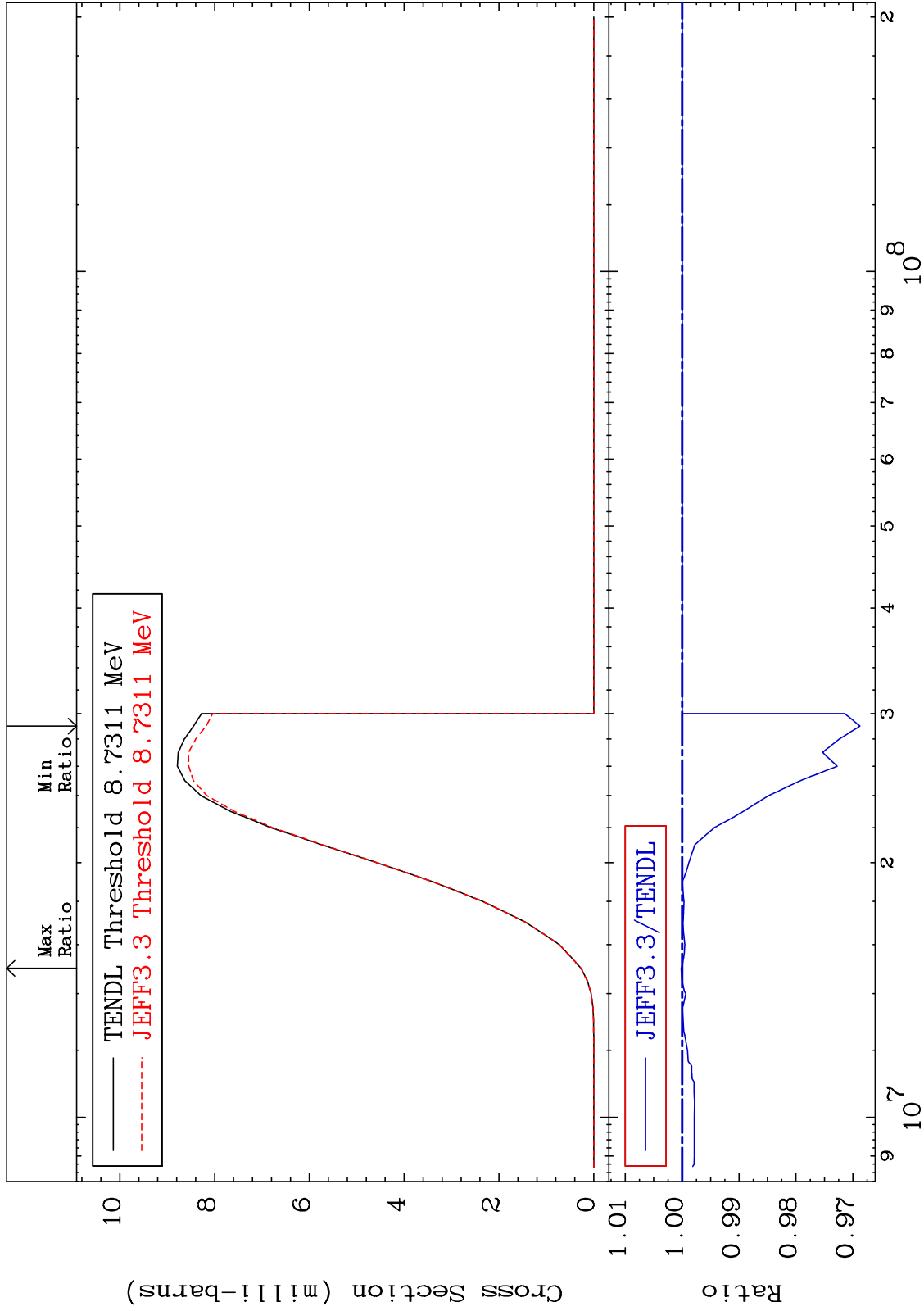
MAT 3325

(n, t)

33-As-75

Cross Section

-3.125 To 0.017 %



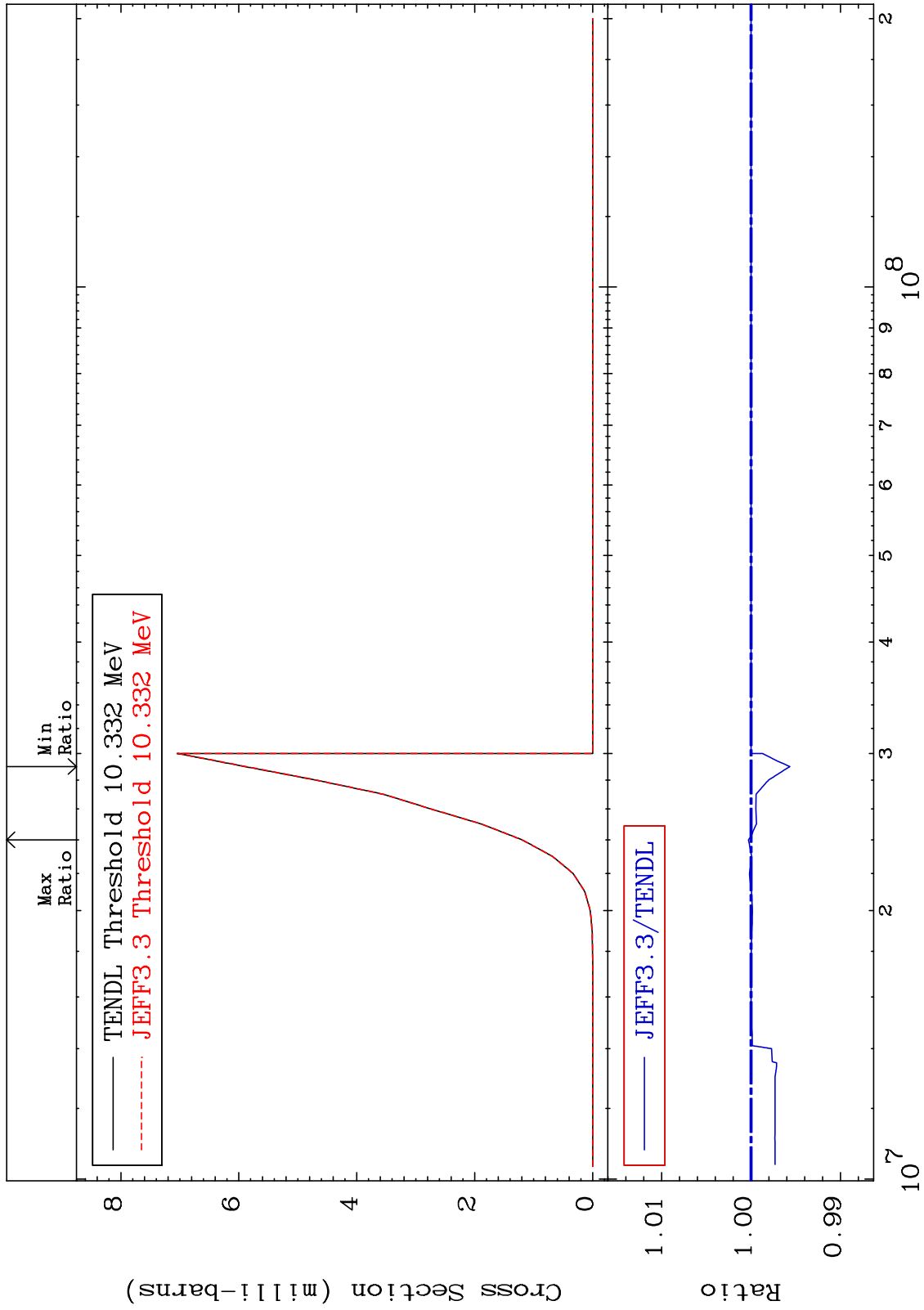
MAT 3325

(n, He-3)

33-As-75

Cross Section

-0.435 To 0.028 %



55

Incident Energy (eV)

33-As-75

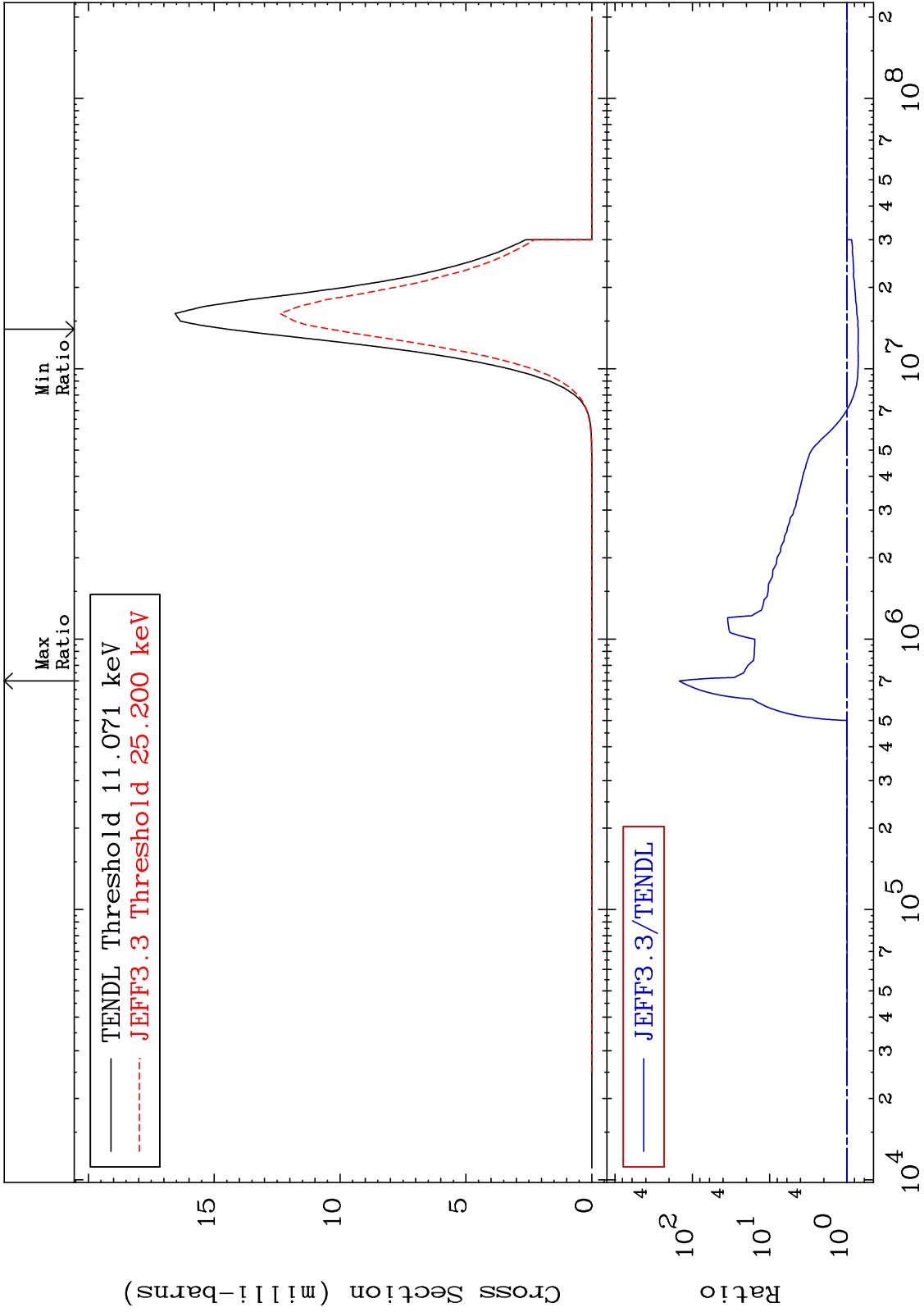
MAT 3325

(n, α)

33-As-75

-28.31 To 9999. %

Cross Section



56

Incident Energy (eV)

33-As-75

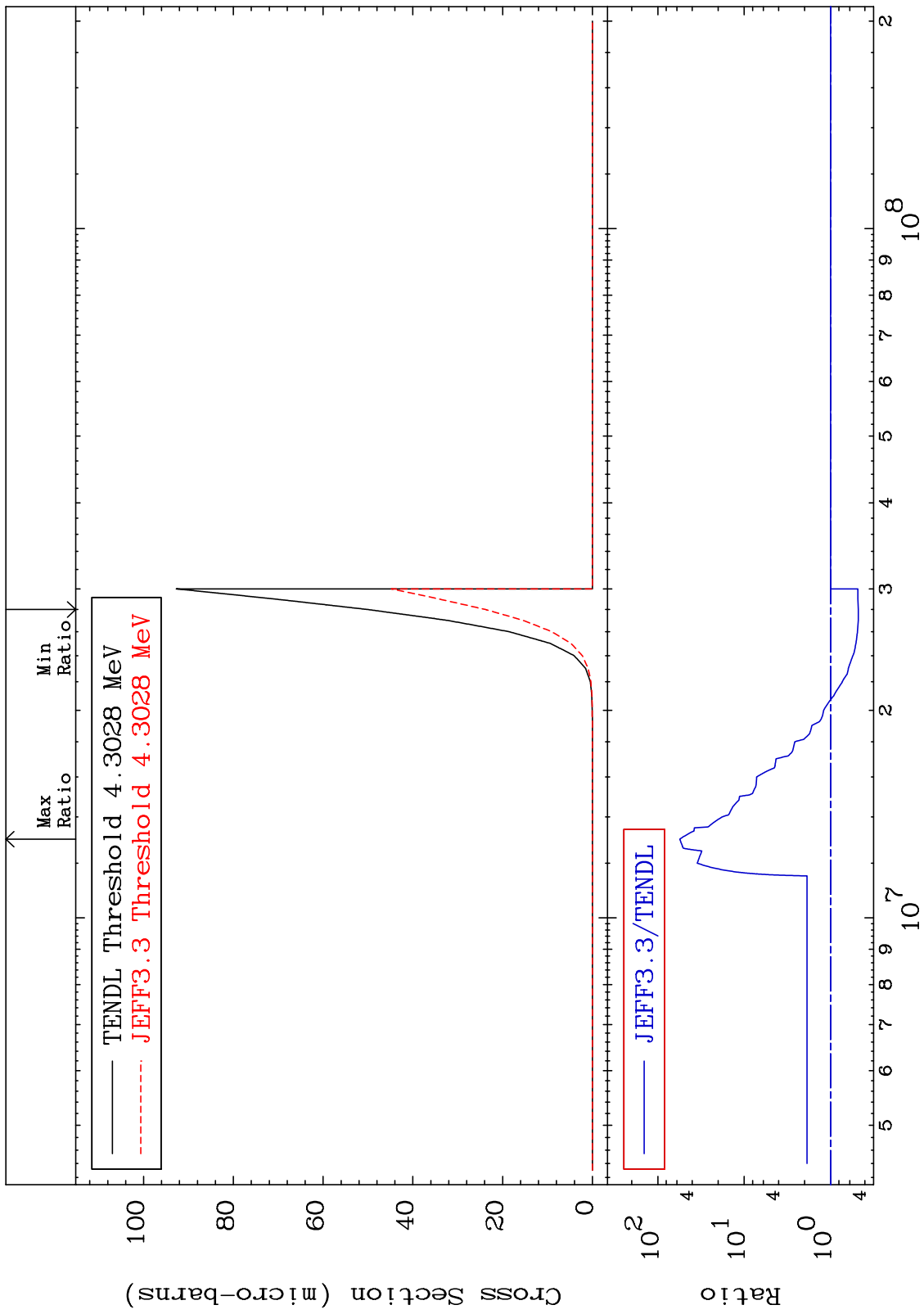
MAT 3325

(n, 2 α)

33-As-75

Cross Section

-52.35 To 5464. %



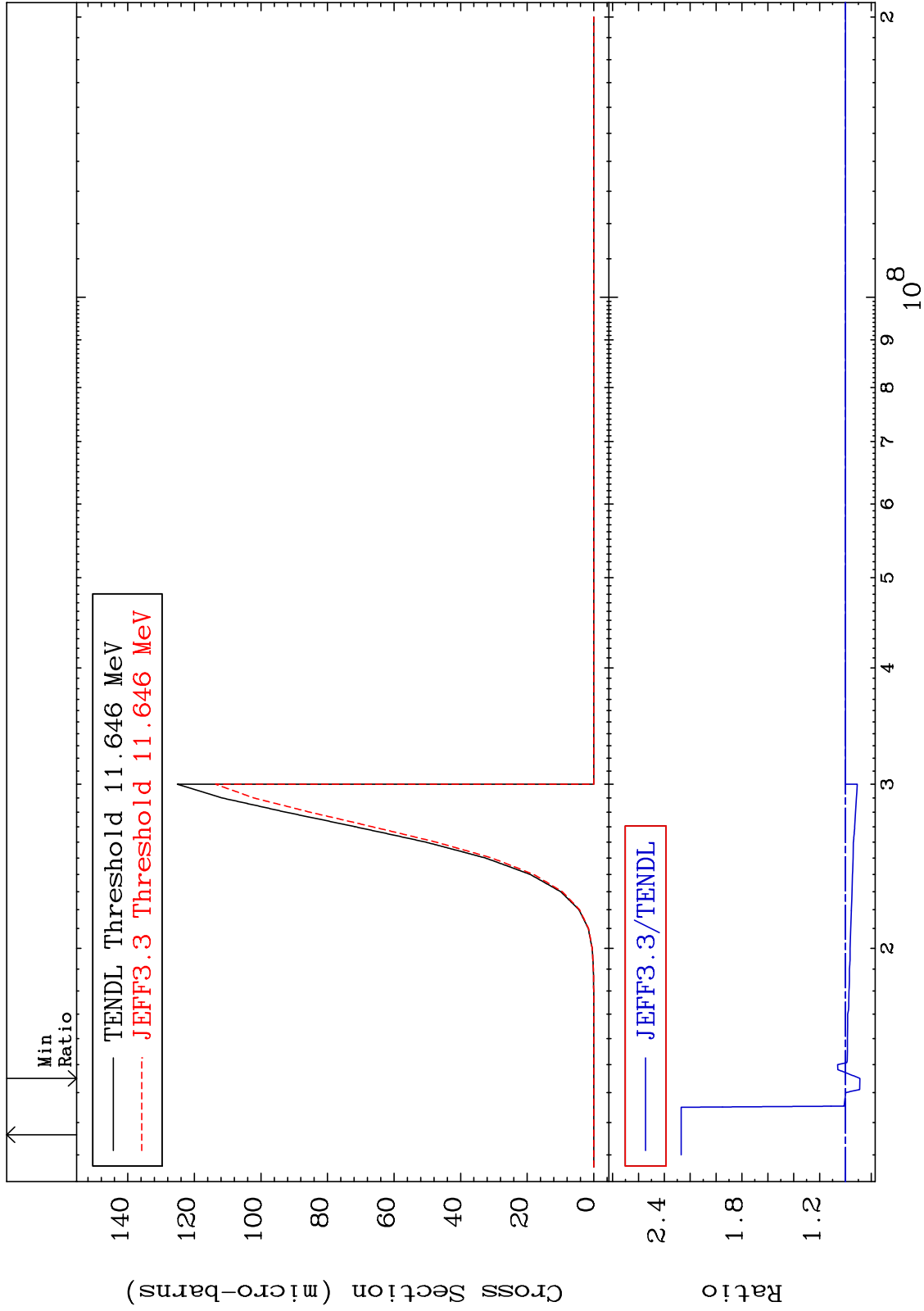
MAT 3325

(n,2p)

33-As-75

Cross Section

-11.19 To 126.9 %



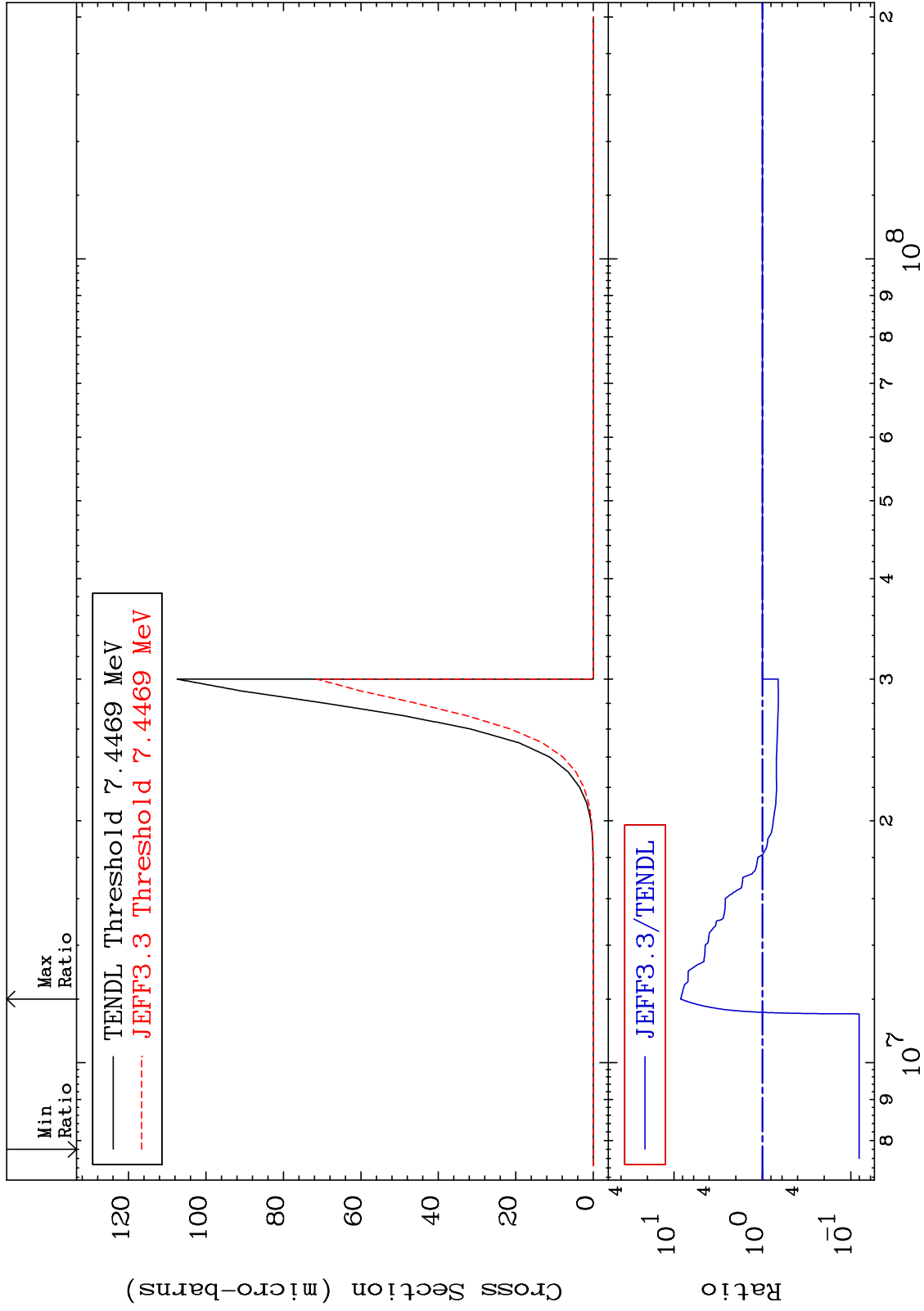
MAT 3325

(n,p) α

33-As-75

Cross Section

-91.96 To 742.7 %



59

Incident Energy (eV)

33-As-75

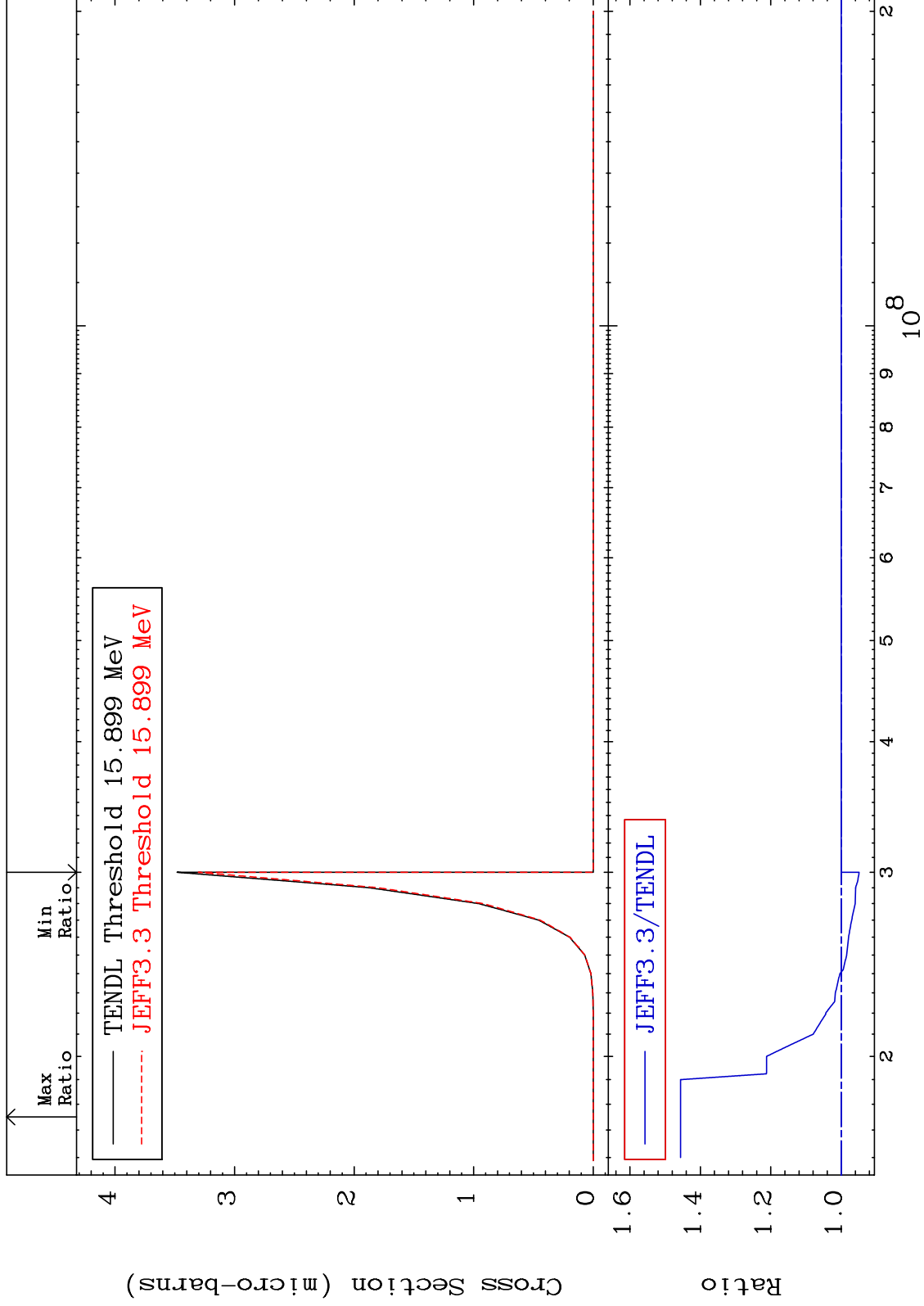
MAT 3325

(n,p) d

33-As-75

Cross Section

-5.090 To 45.61 %



60

Incident Energy (eV)

33-As-75

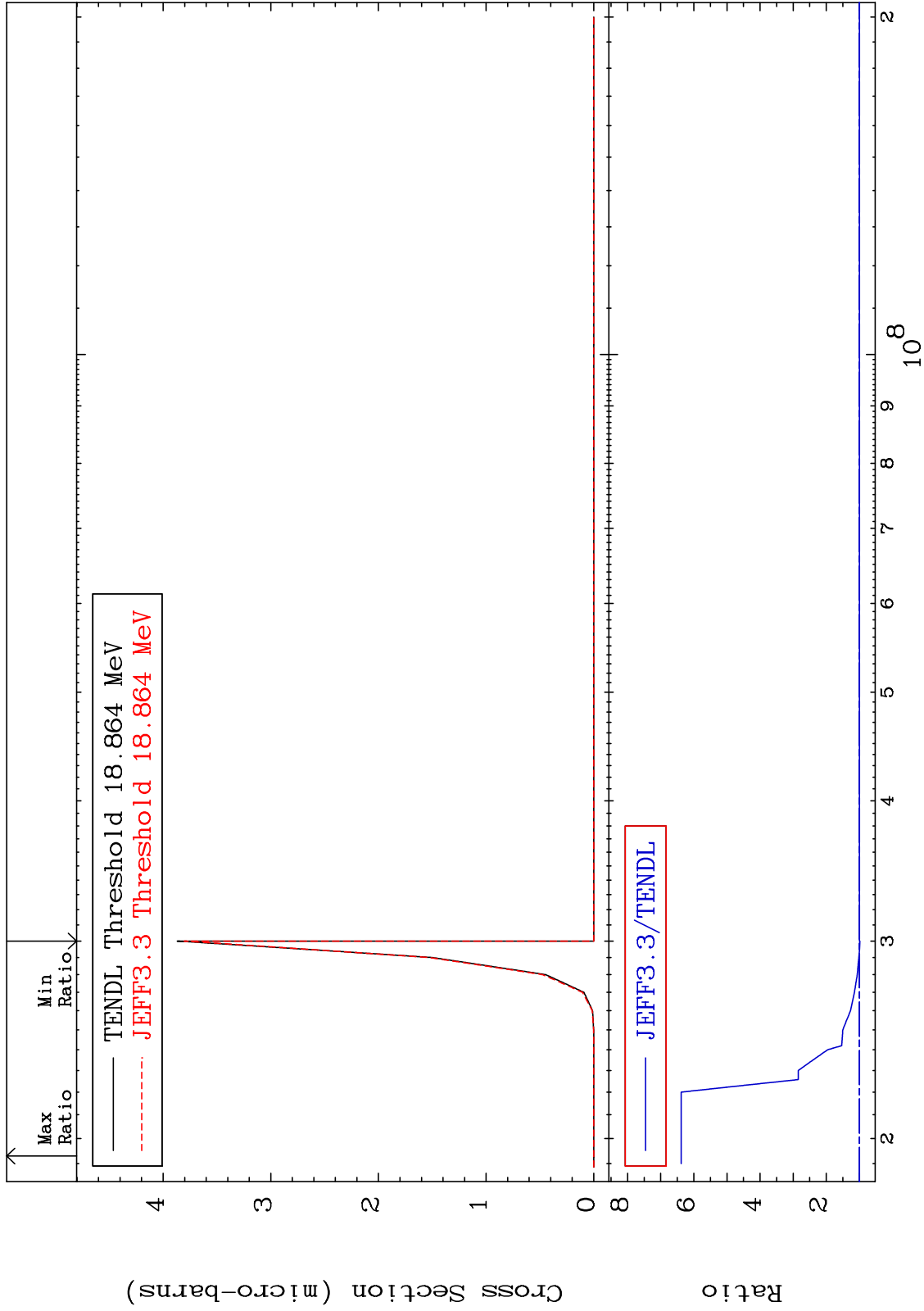
MAT 3325

(n,p) t

33-As-75

Cross Section

-1.662 To 538.0 %



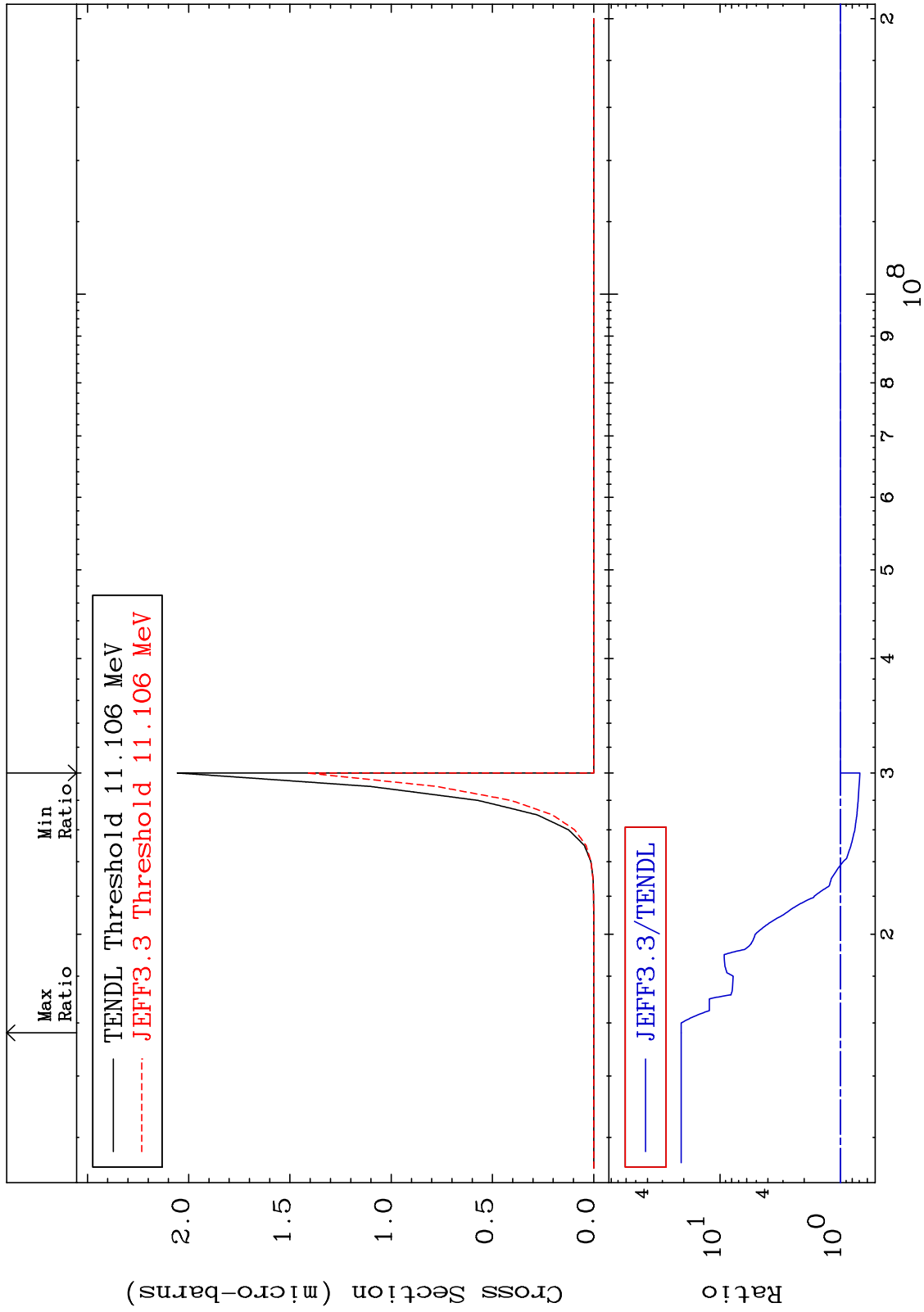
MAT 3325

(n,d) α

33-As-75

Cross Section

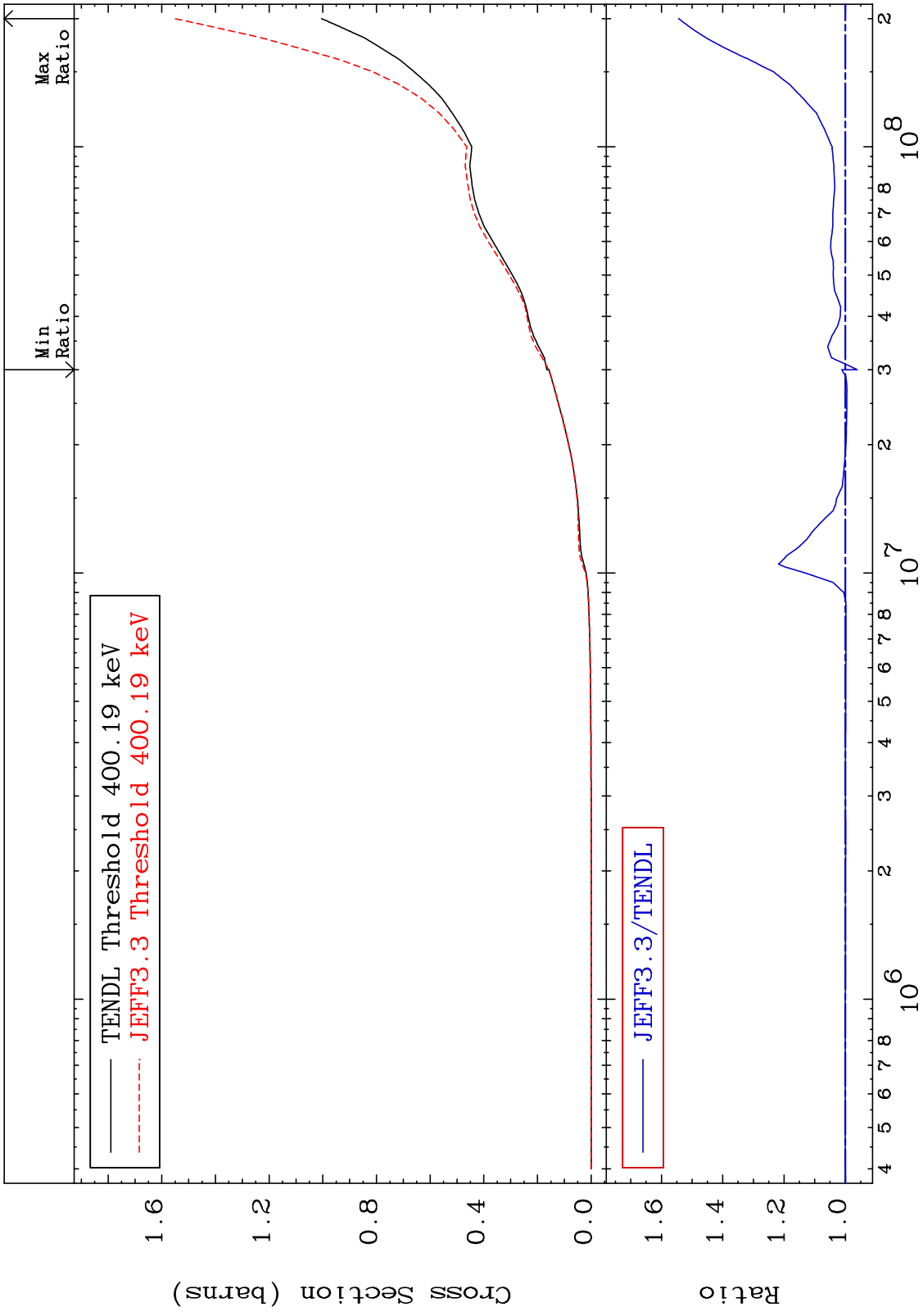
-31.00 To 1997. %



MAT 3325

Hydrogen Production
Cross Section

33-As-75
-3.890 To 54.39 %



63

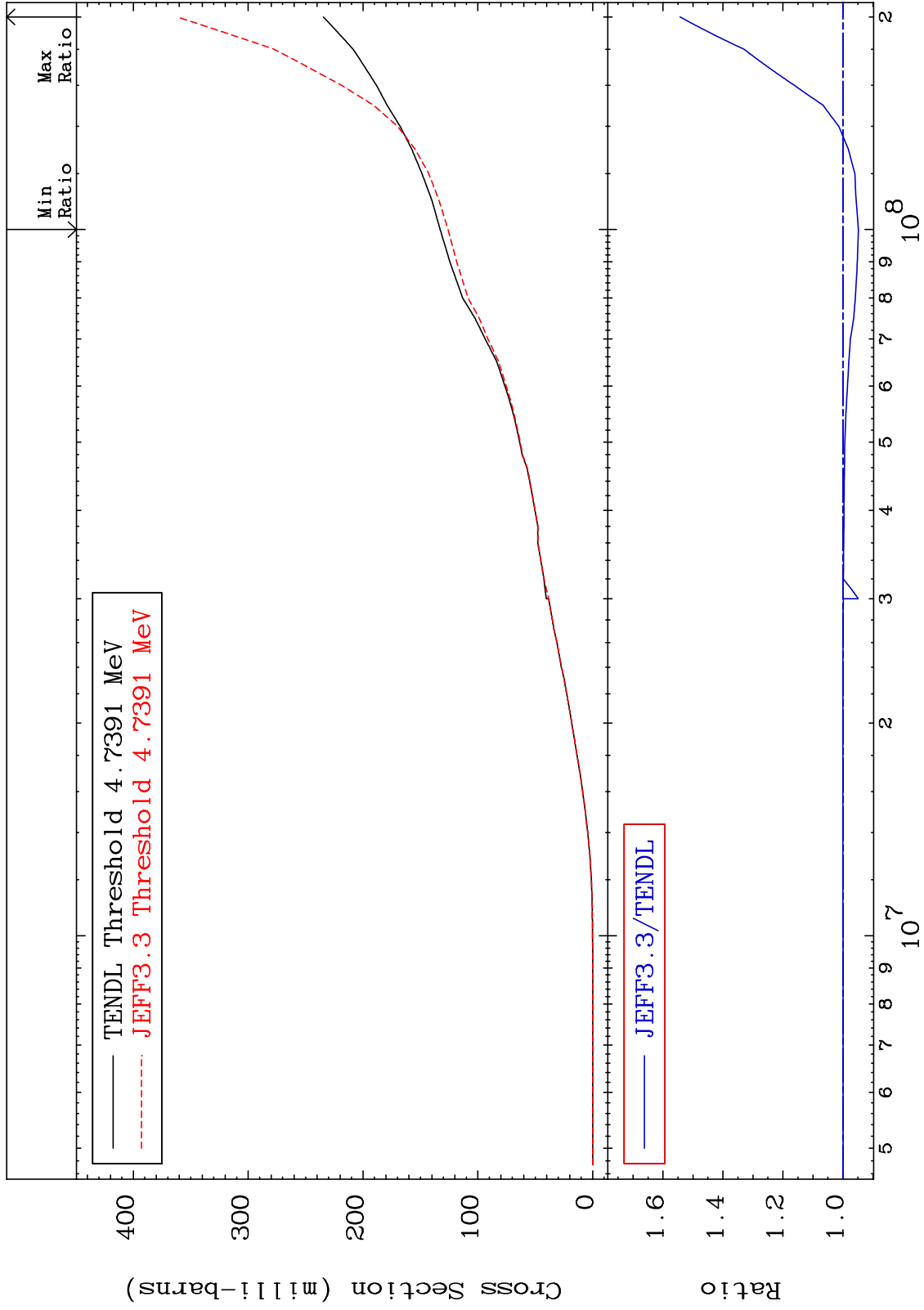
Incident Energy (eV)

33-As-75

MAT 3325

Deuterium Production
Cross Section

33-As-75
-5.176 To 54.32 %



64

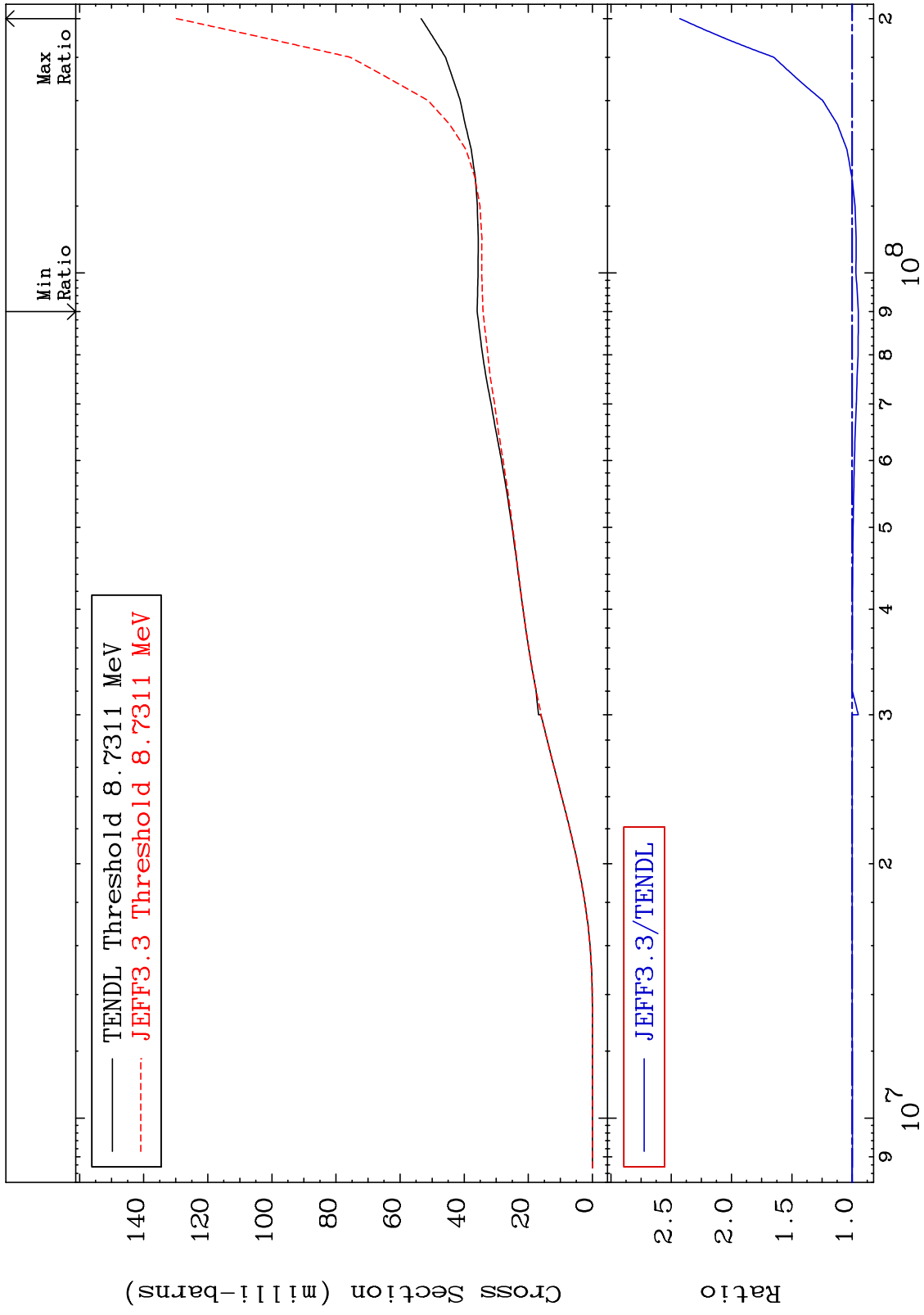
Incident Energy (eV)

33-As-75

MAT 3325

Tritium Production
Cross Section

33-As-75
-5.097 To 142.9 %



65

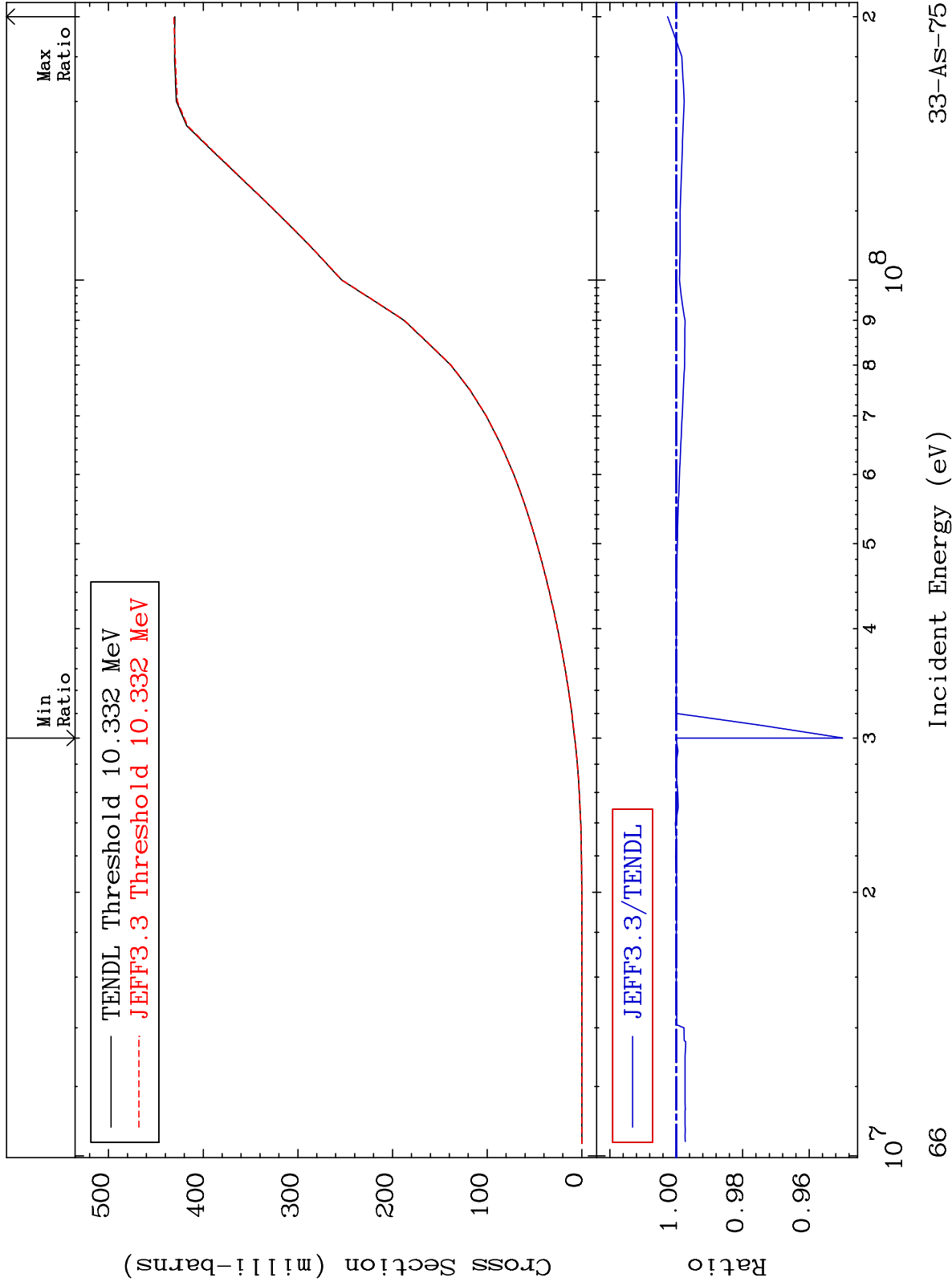
Incident Energy (eV)

33-As-75

MAT 3325

He-3 Production
Cross Section

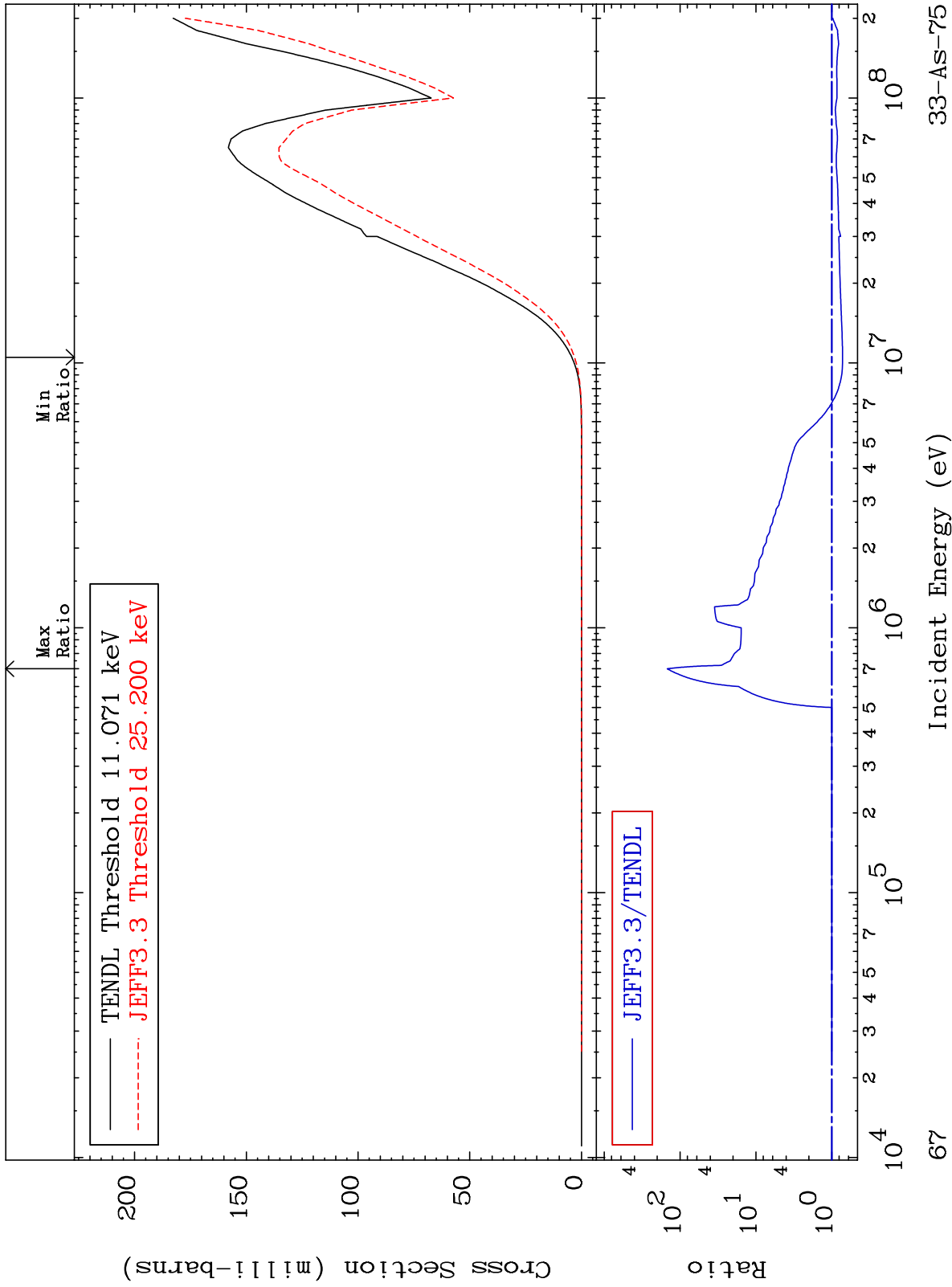
33-As-75
-5.007 To 0.262 %



MAT 3325

He-4 Production
Cross Section

33-As-75
-27.92 To 9999. %



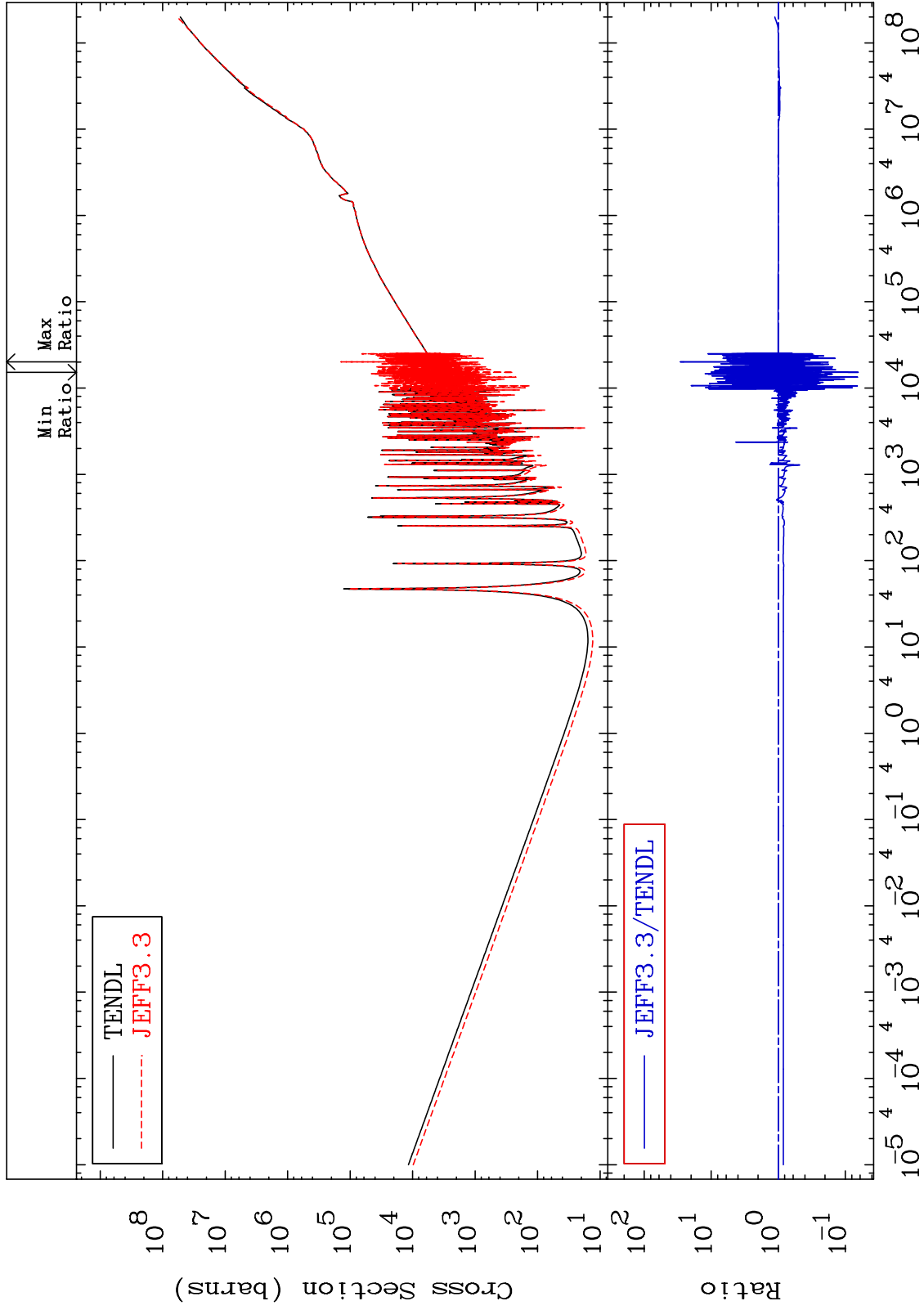
67

33-As-75

MAT 3325

Kerma total (eV-barns)
Cross Section

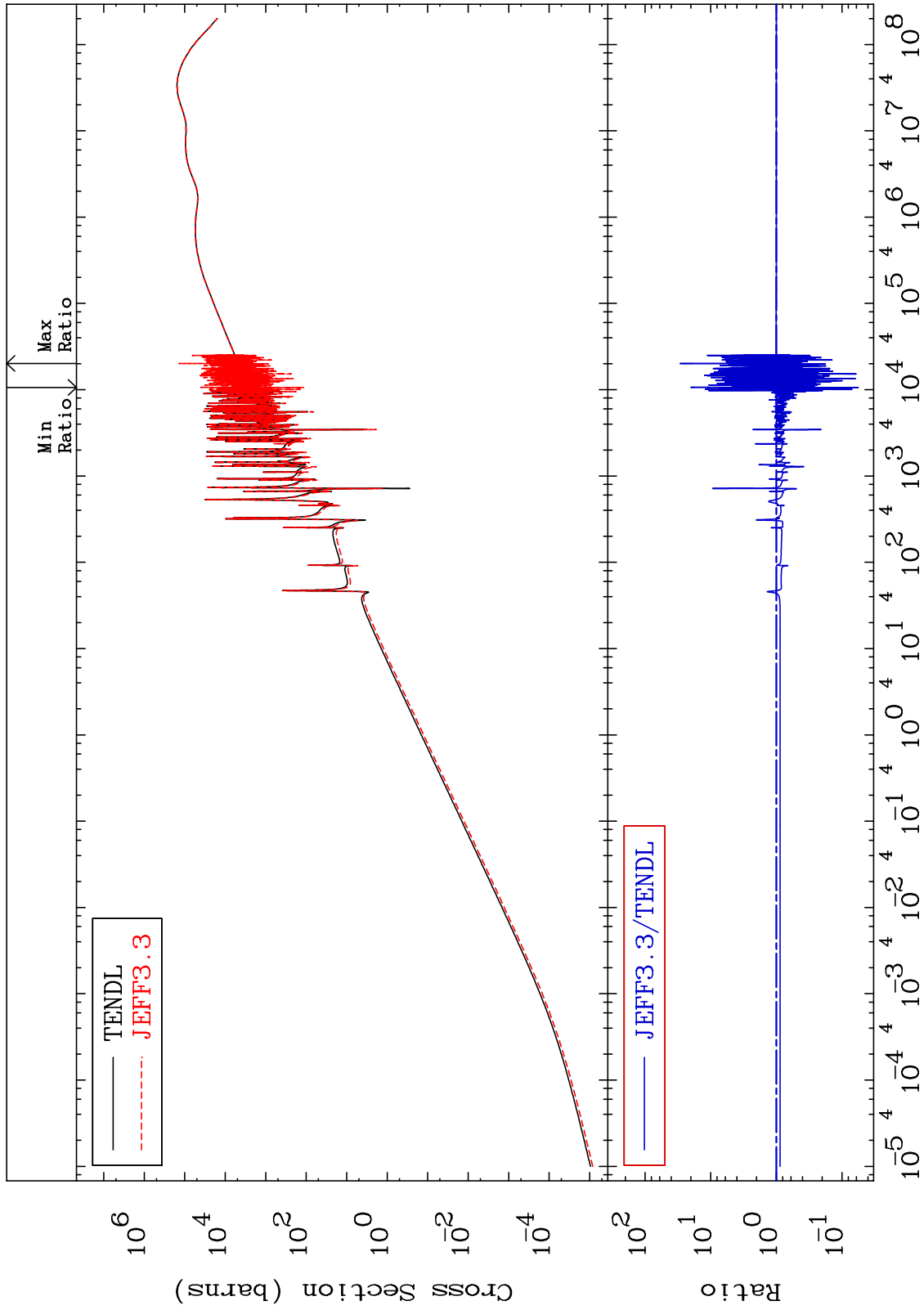
33-As-75
-93.63 To 2821. %



MAT 3325

Kerma elastic
Cross Section

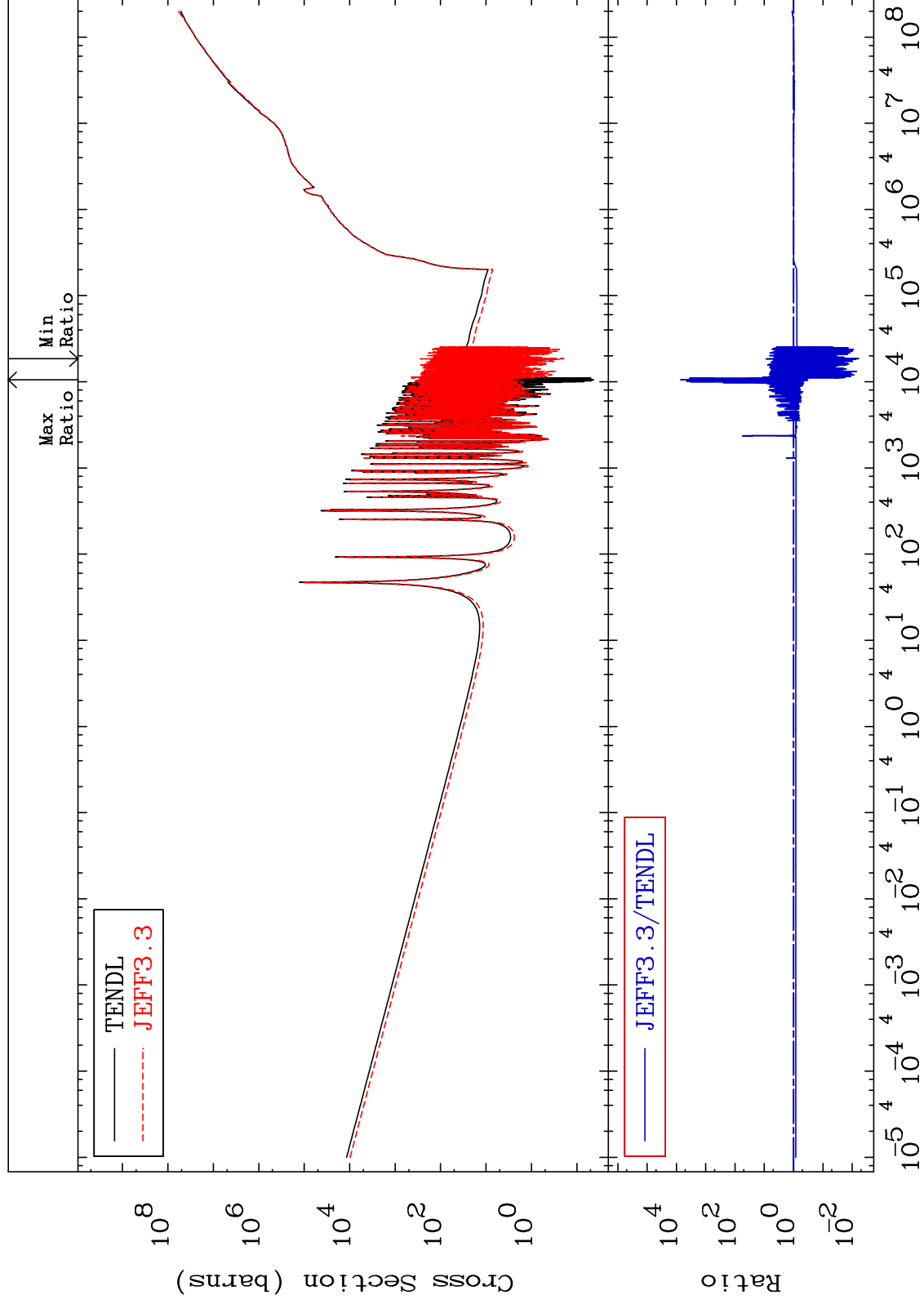
33-As-75
-94.39 To 2835. %



MAT 3325

Kerma non-elastic (all but mt2)
Cross Section

33-As-75
-99.39 To 9999. %



70

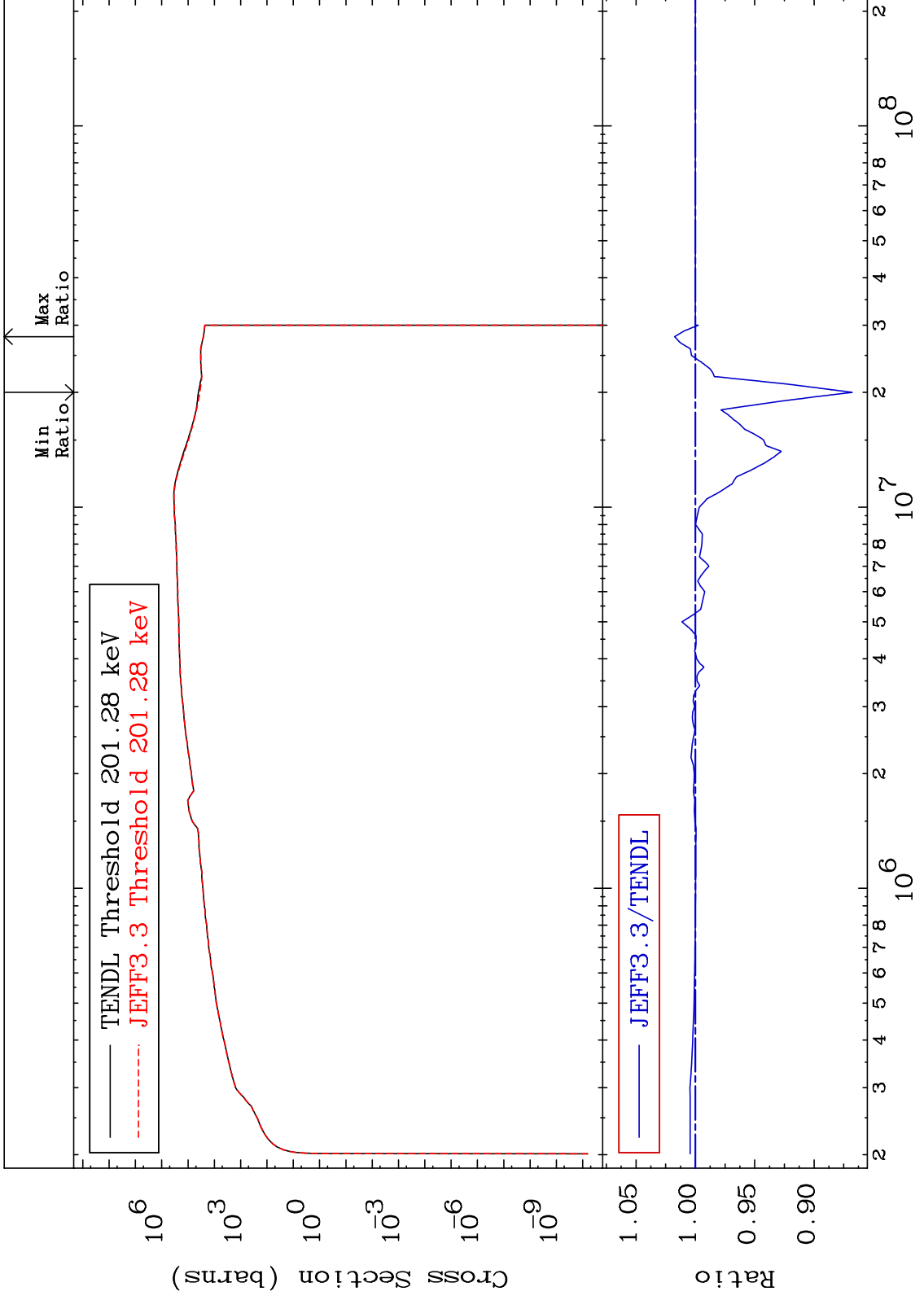
Incident Energy (eV)

33-As-75

MAT 3325

Kerma inelastic (mt51-91)
Cross Section

33-As-75
-13.21 To 1.752 %



71

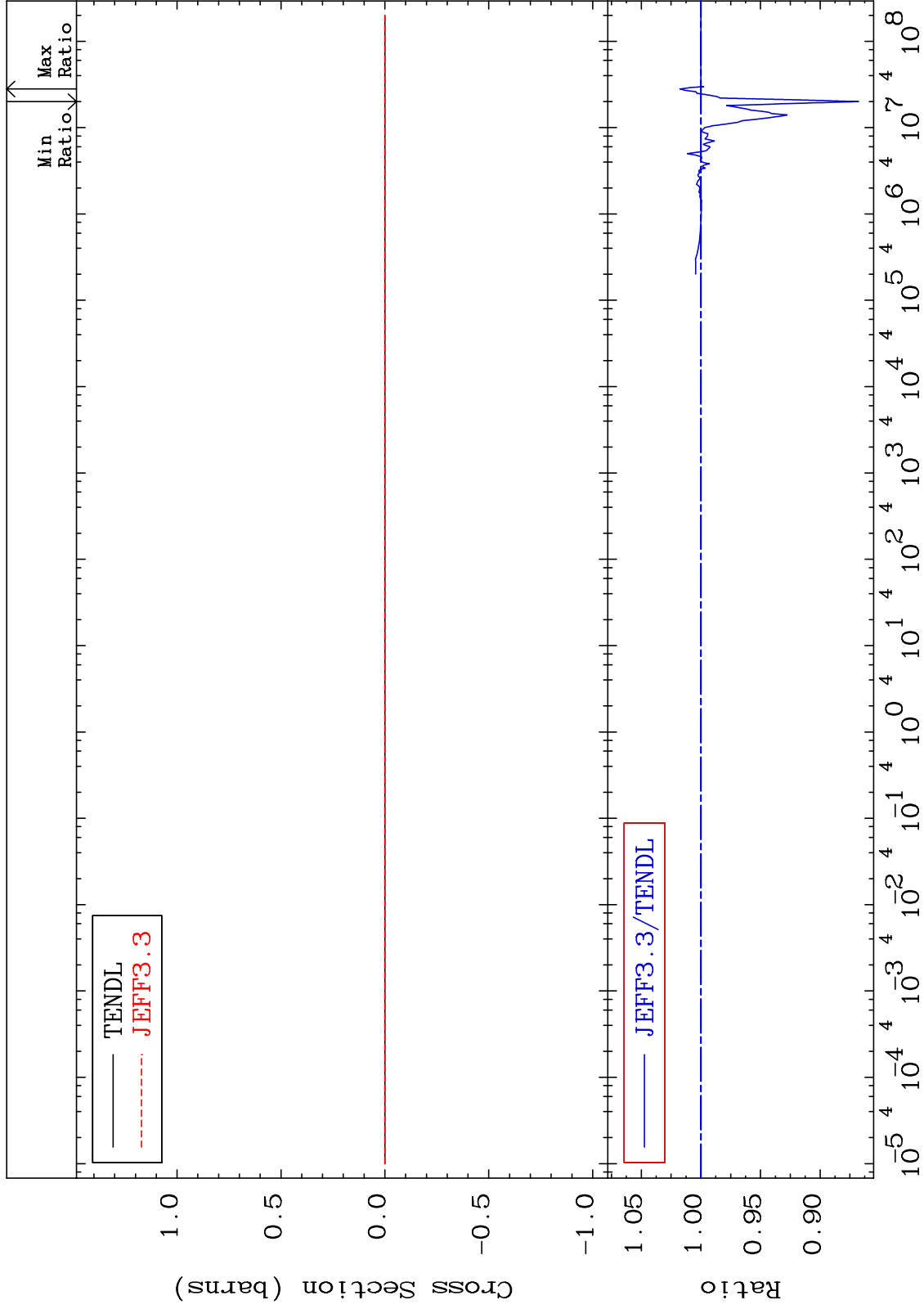
Incident Energy (eV)

33-As-75

MAT 3325

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

33-As-75
-13.21 To 1.752 %



72

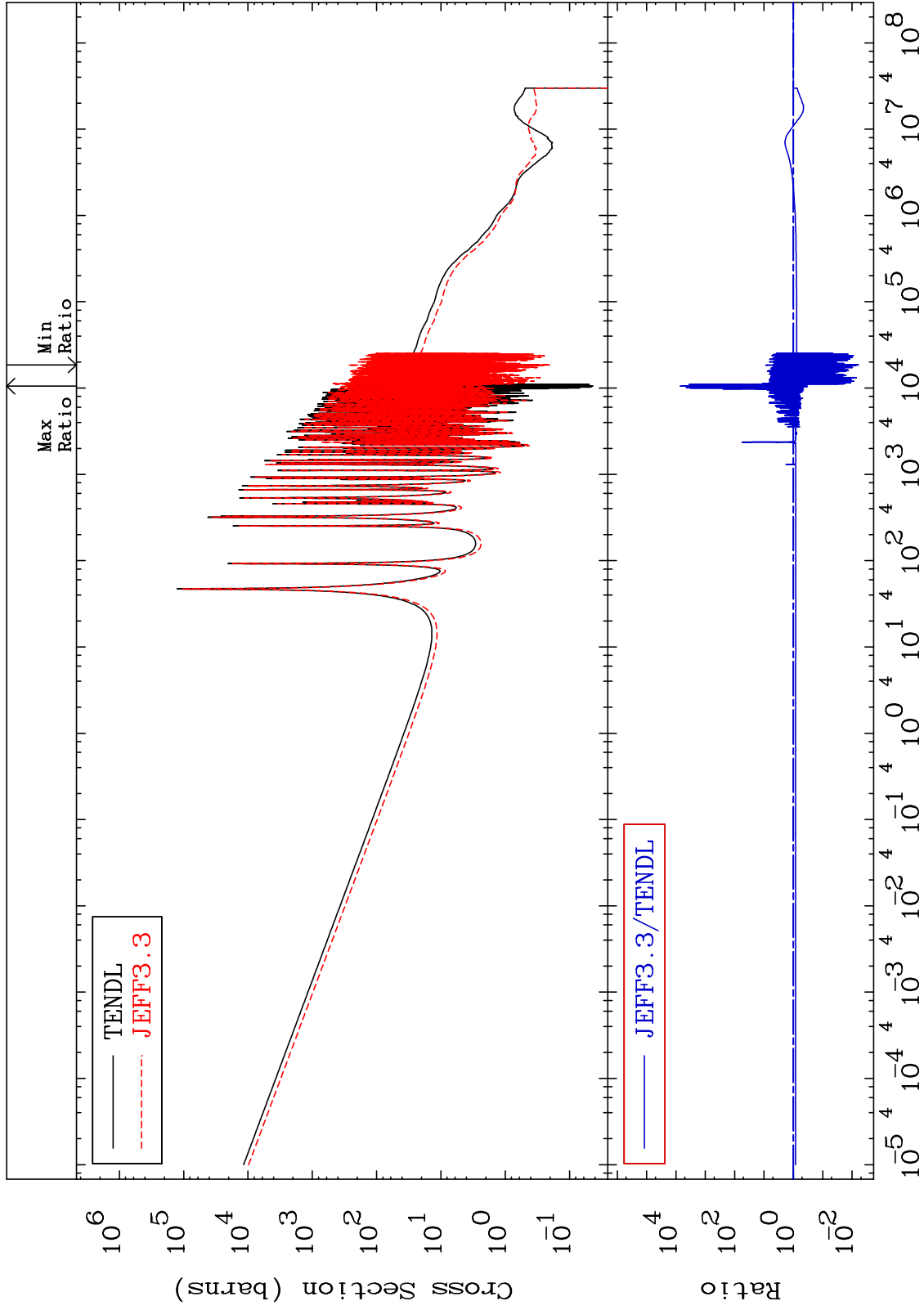
Incident Energy (eV)

33-As-75

MAT 3325

Kerma capture (mt102)
Cross Section

33-As-75
-99.39 To 9999. %



73

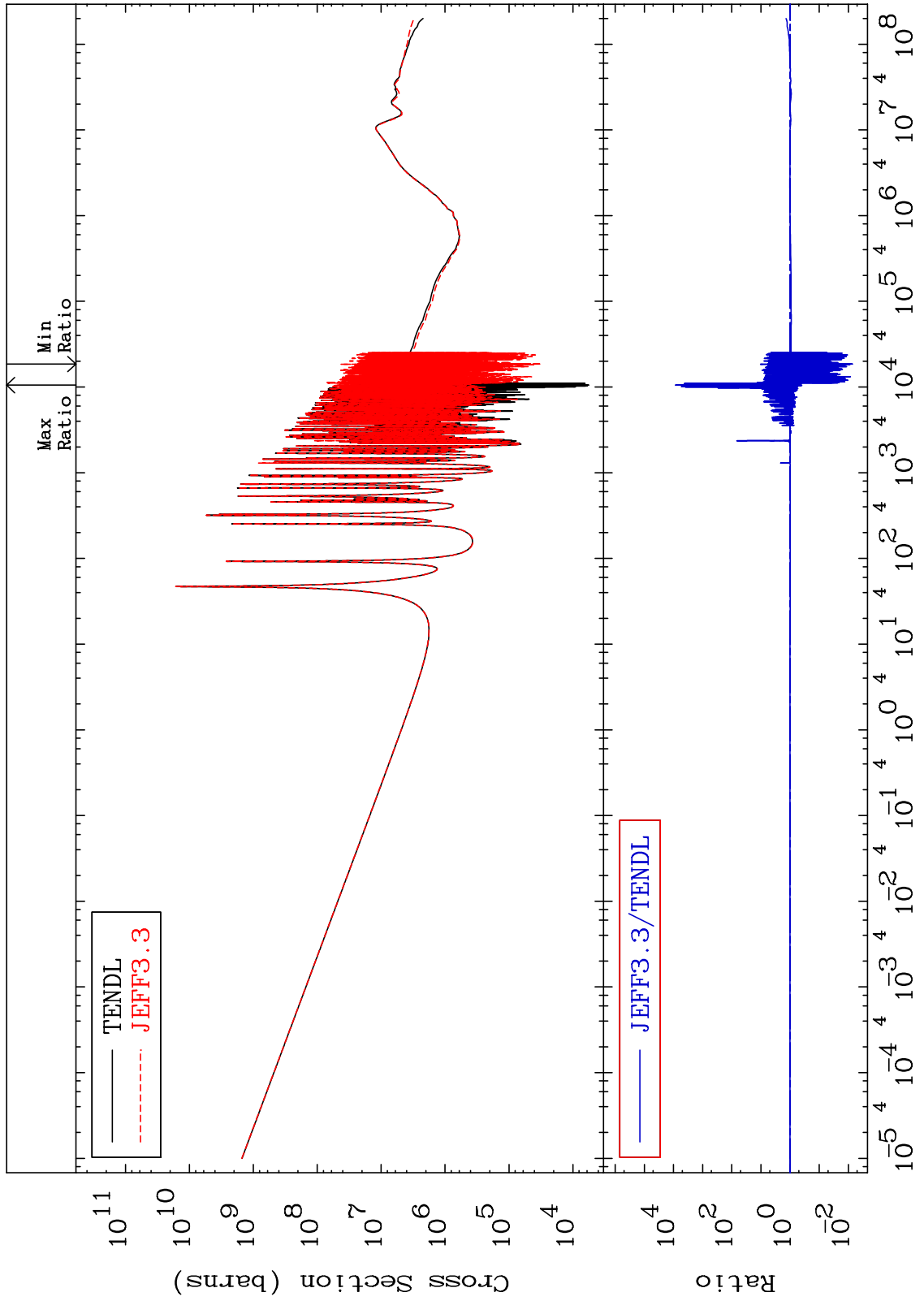
Incident Energy (eV)

33-As-75

MAT 3325

Total photon (eV-barns)
Cross Section

33-As-75
-99.27 To 9999. %



74

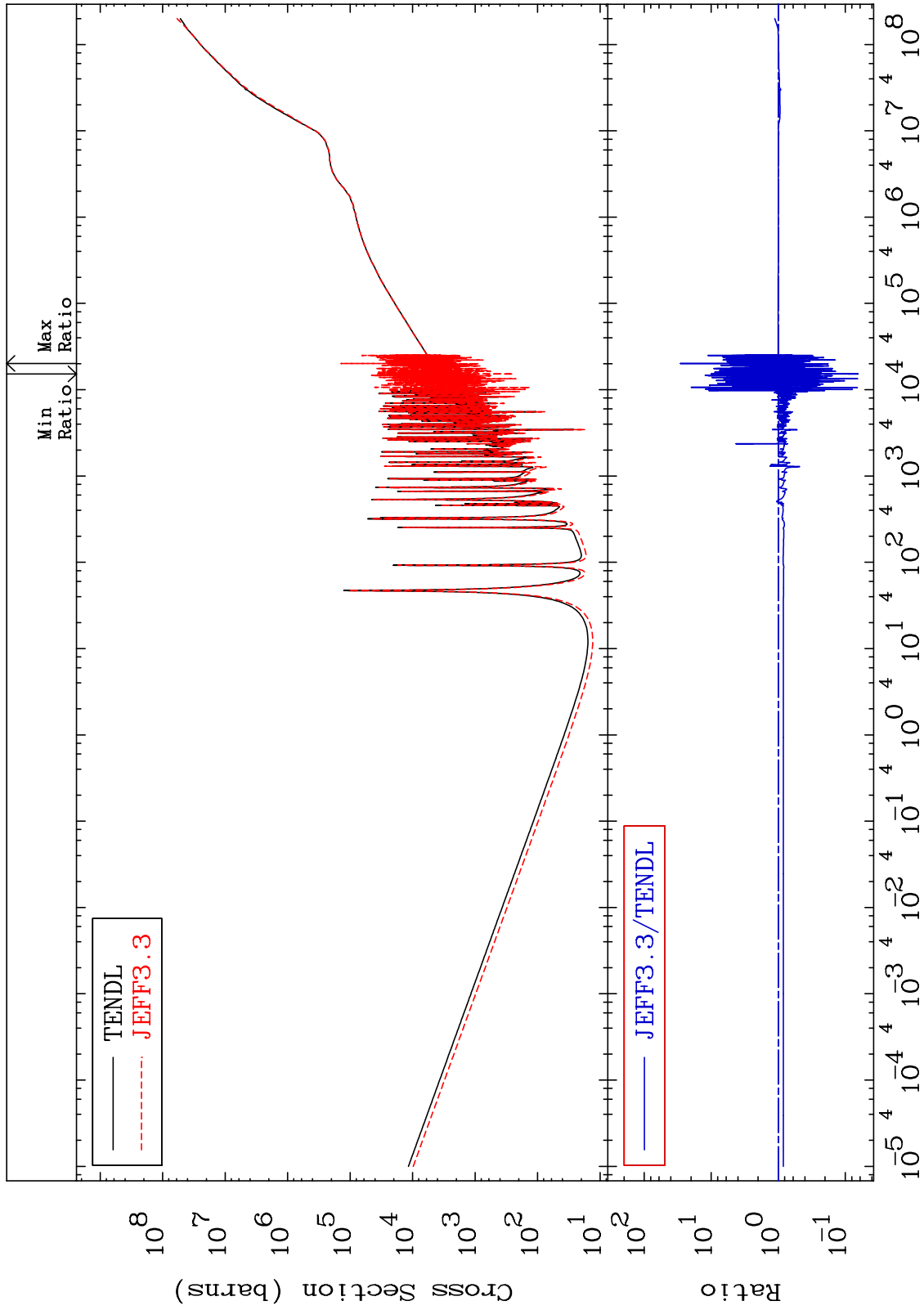
Incident Energy (eV)

33-As-75

MAT 3325

Total kinematic kerma (high limit)
Cross Section

33-As-75
-93.63 To 2821. %



75

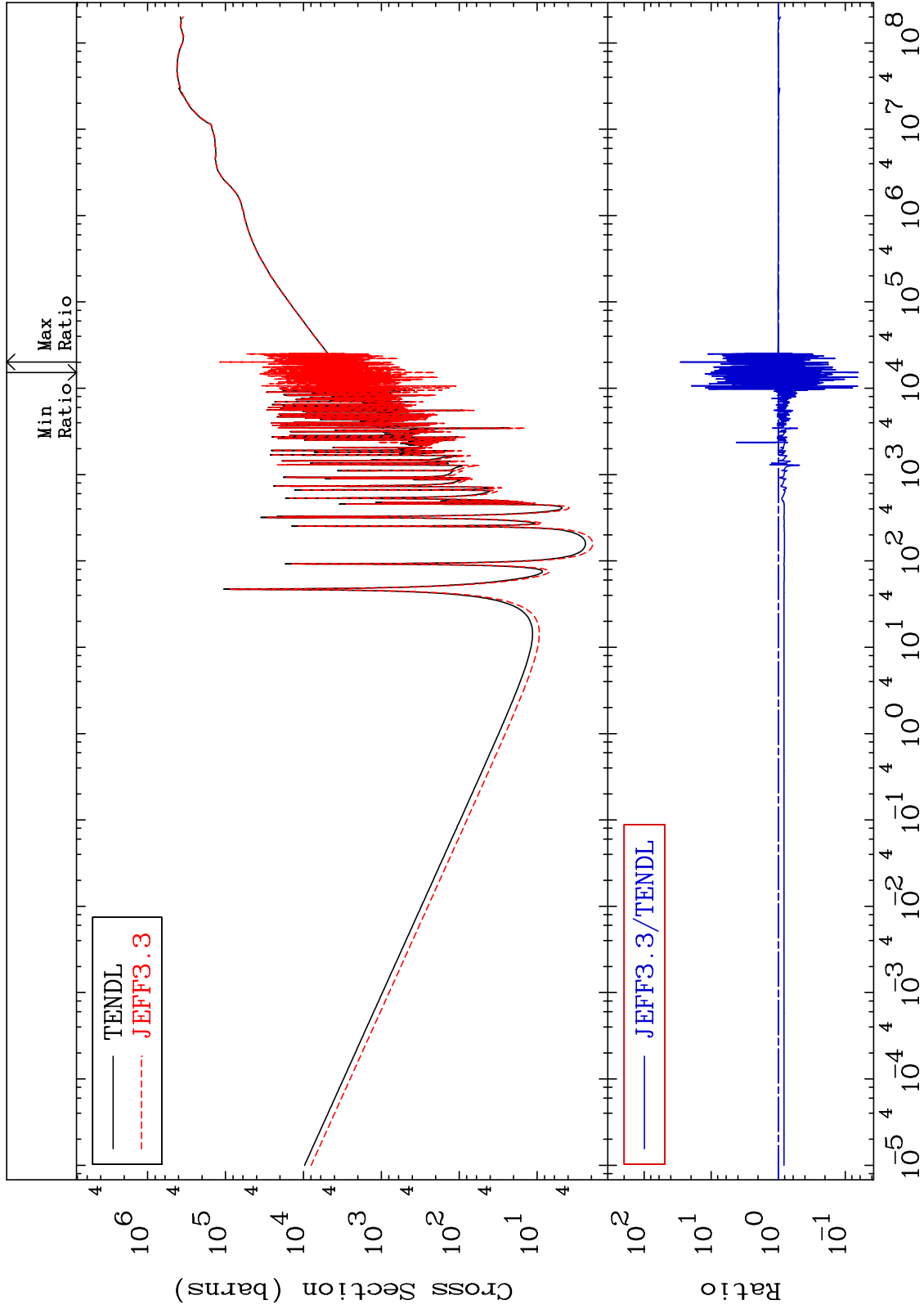
Incident Energy (eV)

33-As-75

MAT 3325

Dpa total (eV-barns)
Cross Section

33-As-75
-93.64 To 2821. %



76

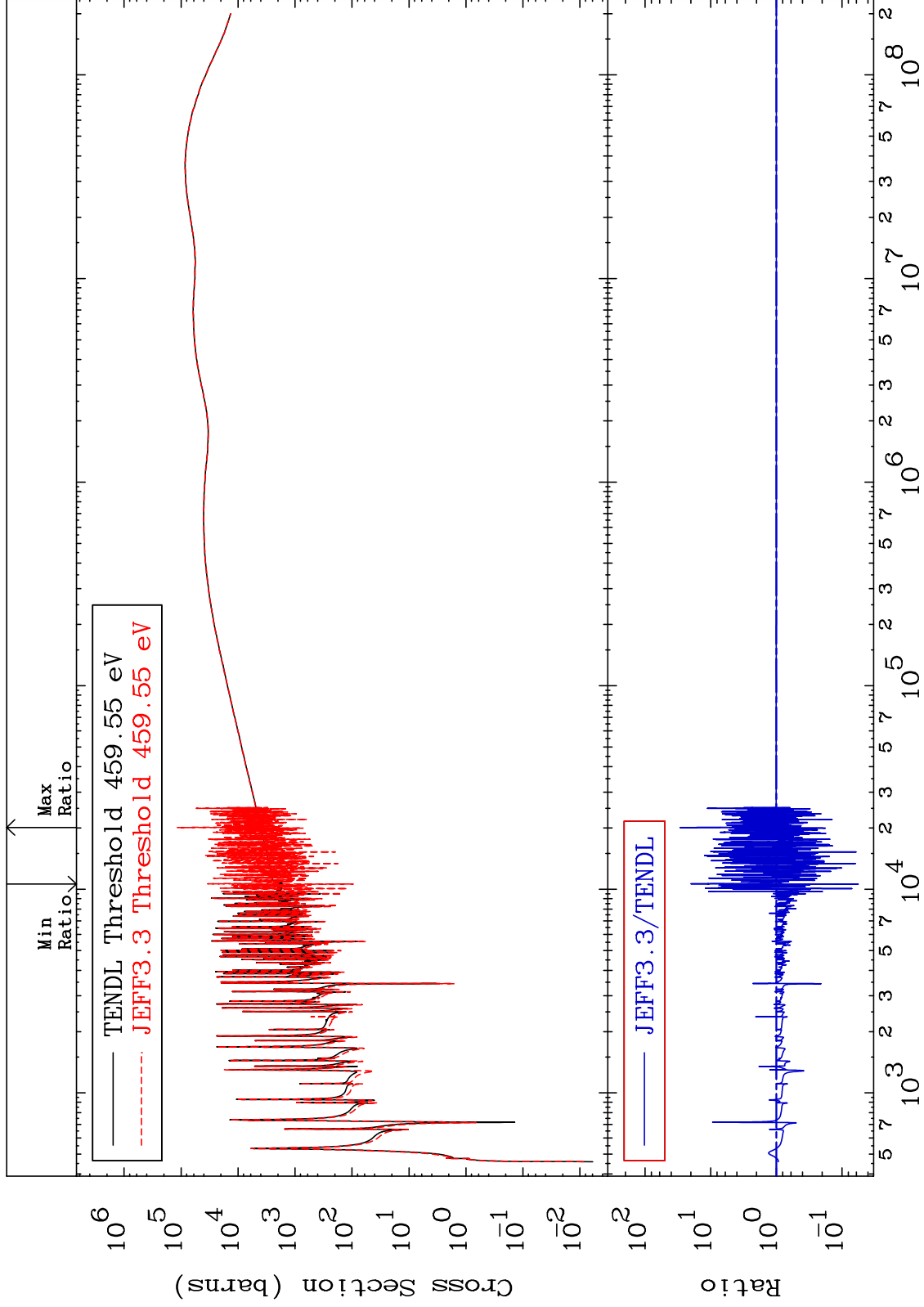
Incident Energy (eV)

33-As-75

MAT 3325

Dpa elastic (mt2)
Cross Section

33-As-75
-94.39 To 2835. %



77

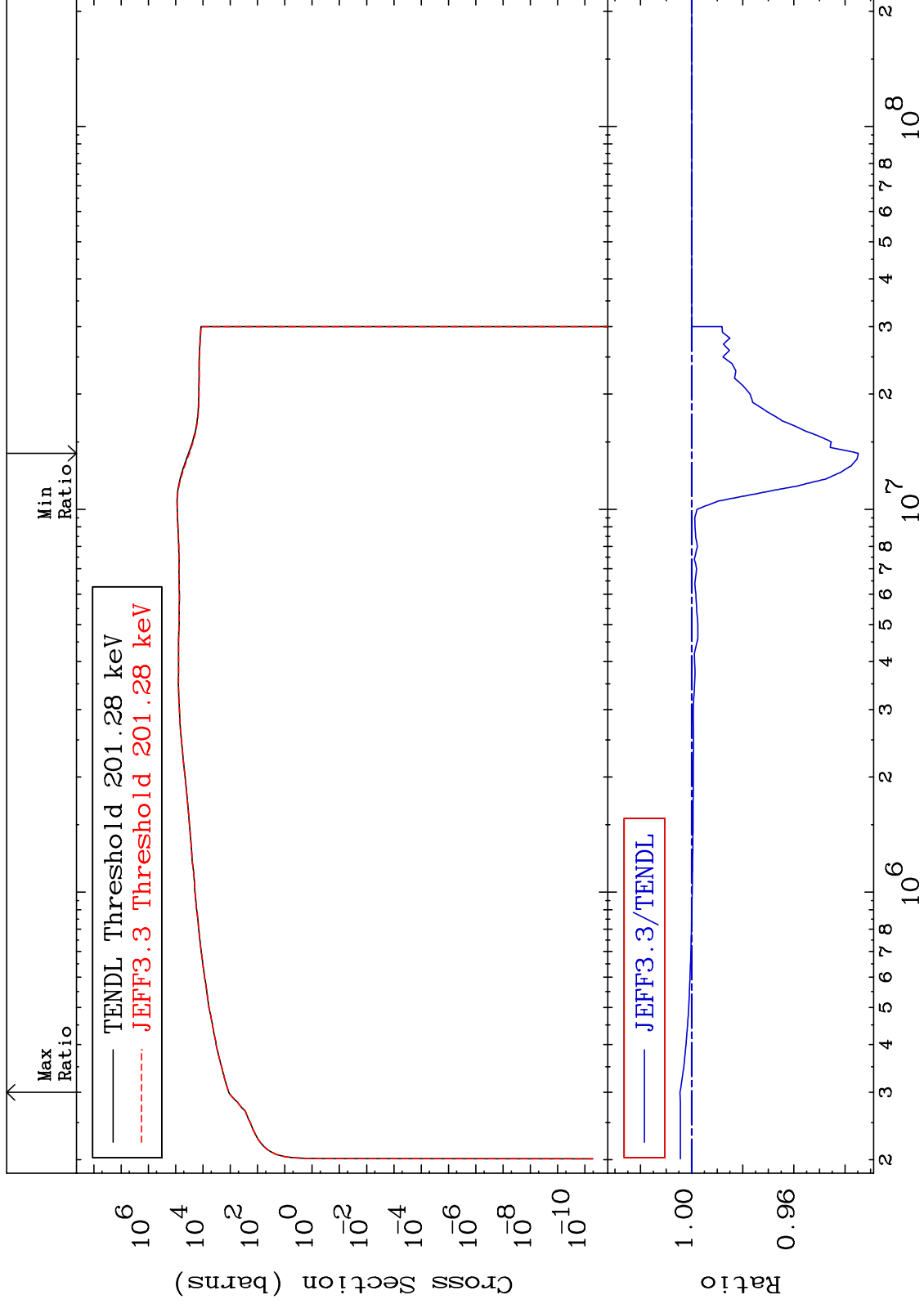
Incident Energy (eV)

33-As-75

MAT 3325

Dpa inelastic (mt51-91)
Cross Section

33-As-75
-6.525 To 0.456 %



78

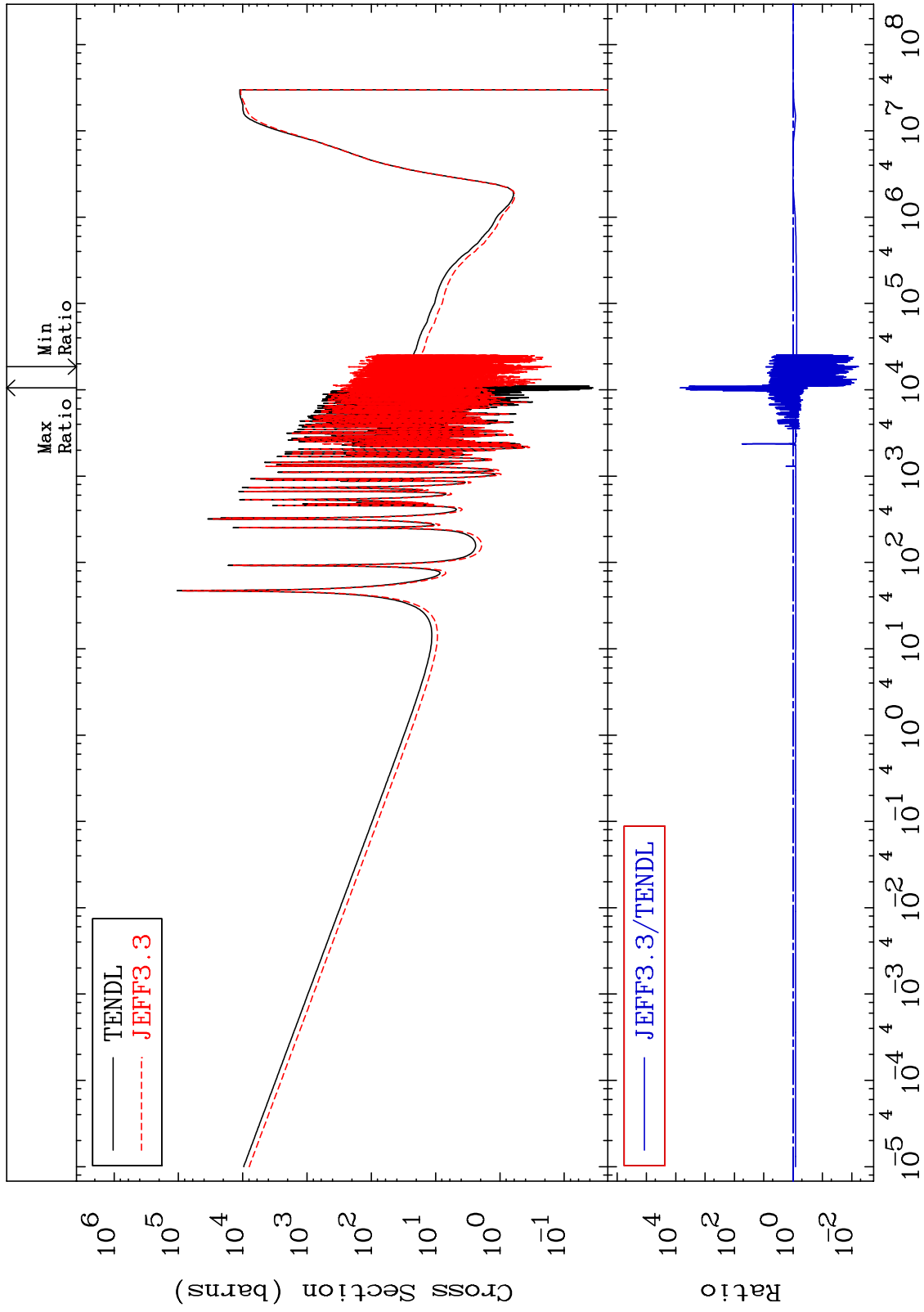
Incident Energy (eV)

33-As-75

MAT 3325

Dpa disappearance (mt102 -120)
Cross Section

33-As-75
-99.40 To 9999. %



79

Incident Energy (eV)

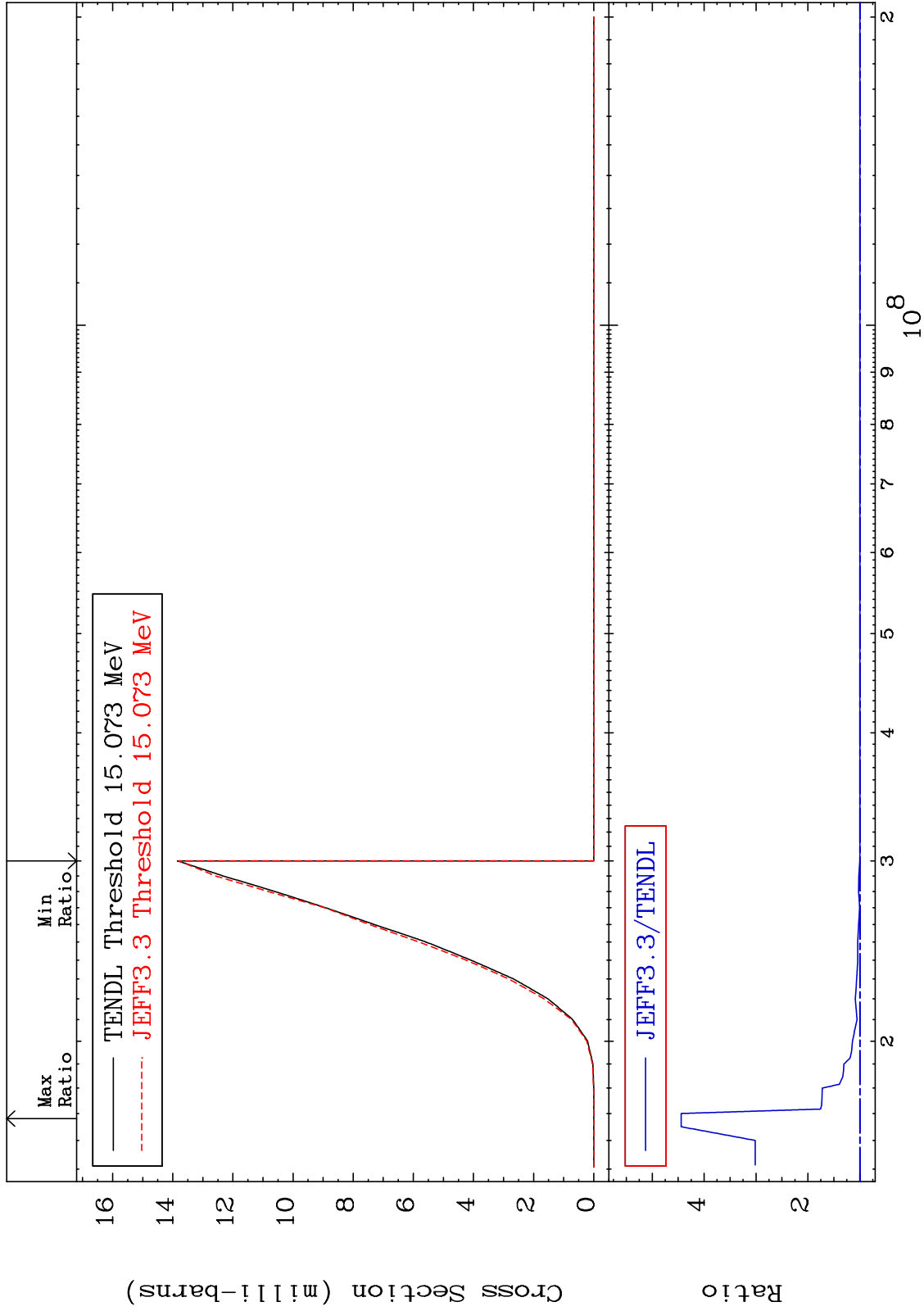
33-As-75

MAT 3325

(n, n') d:32-Ge-73g

33-As-75

Radionuclide Production Cross Section -0.286 To 344.1 %

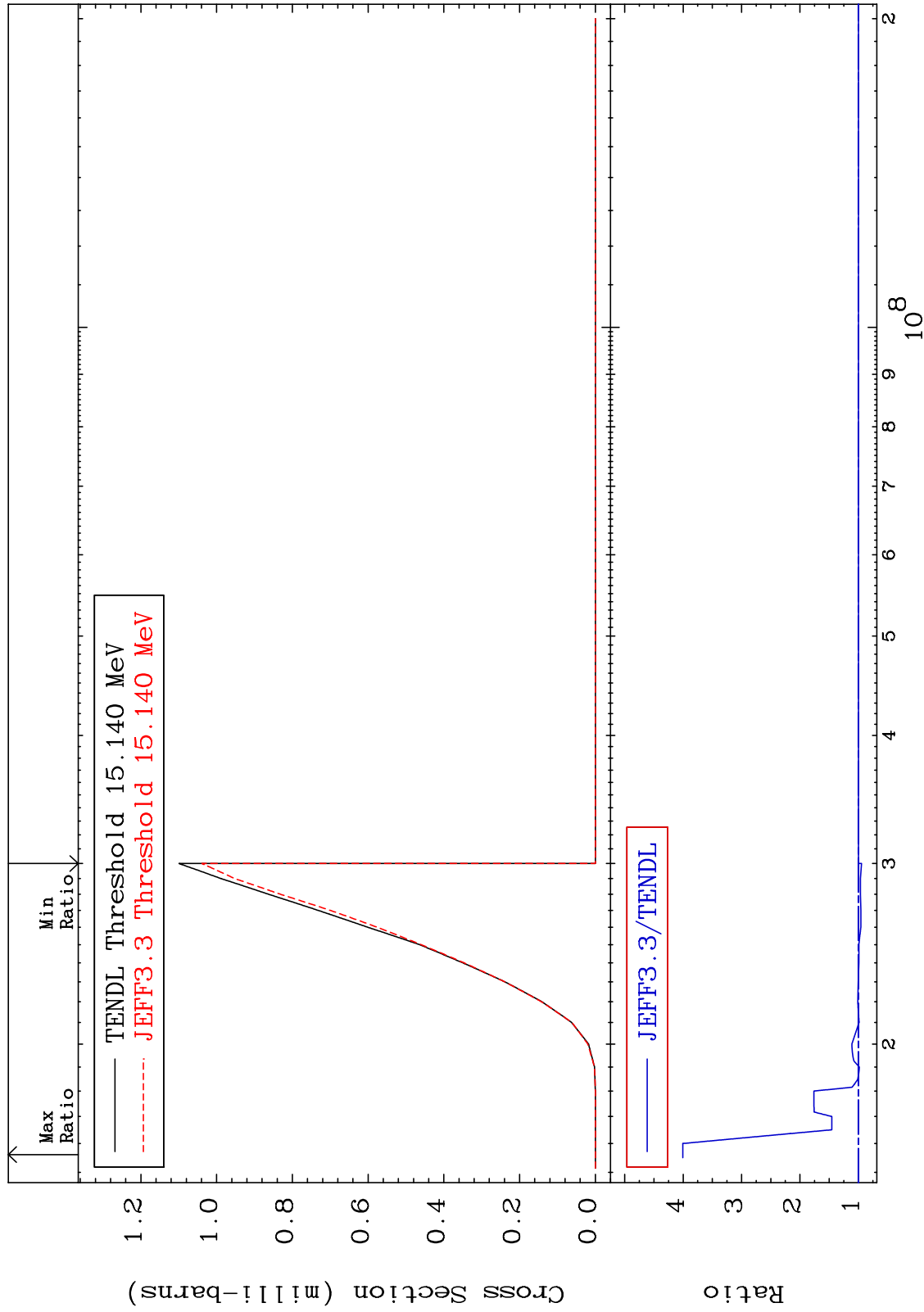


80

Incident Energy (eV)

33-As-75

Radionuclide Production Cross Section -5.495 To 300.5 %

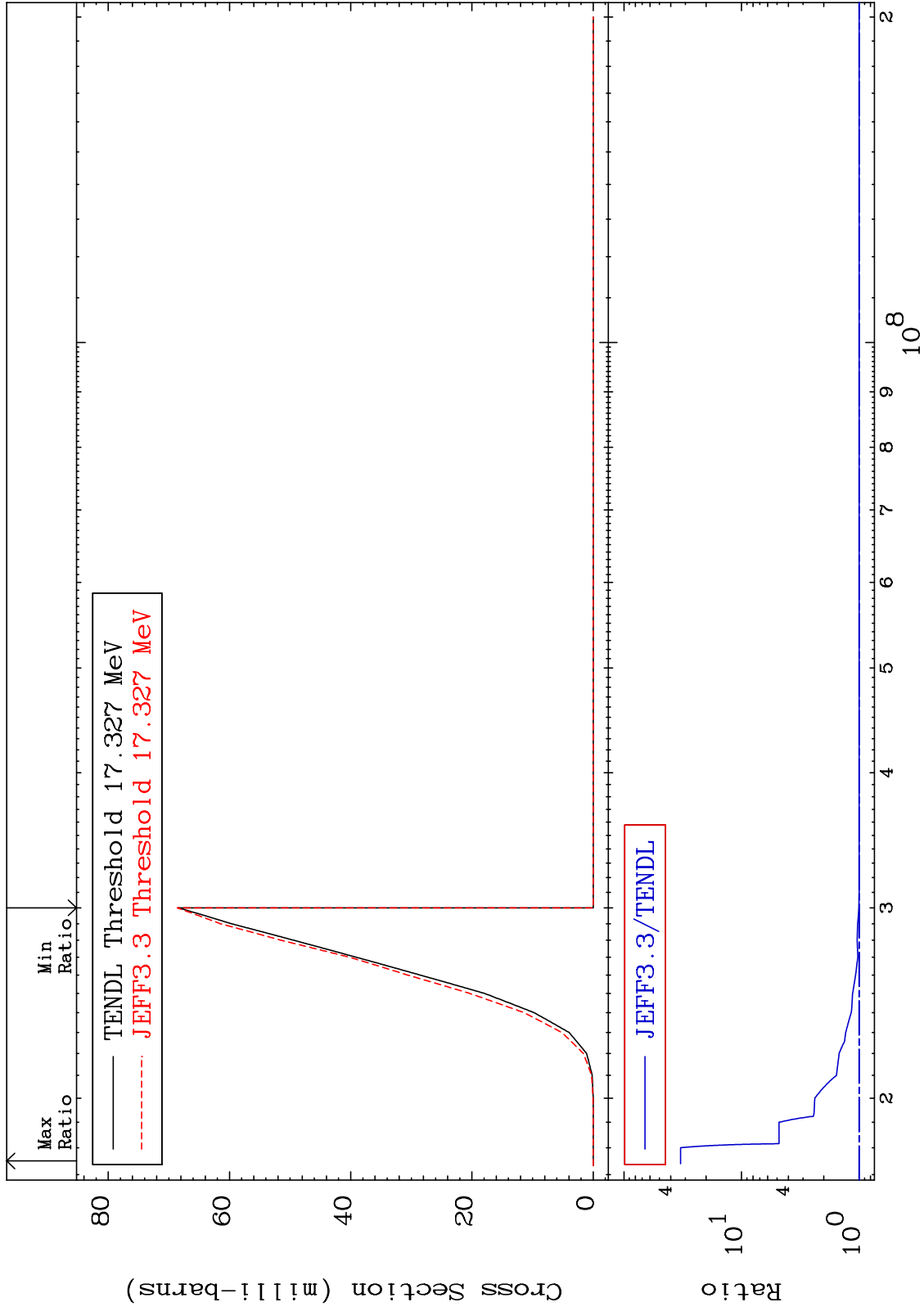


MAT 3325

(n,2n) p:32-Ge-73g

33-As-75

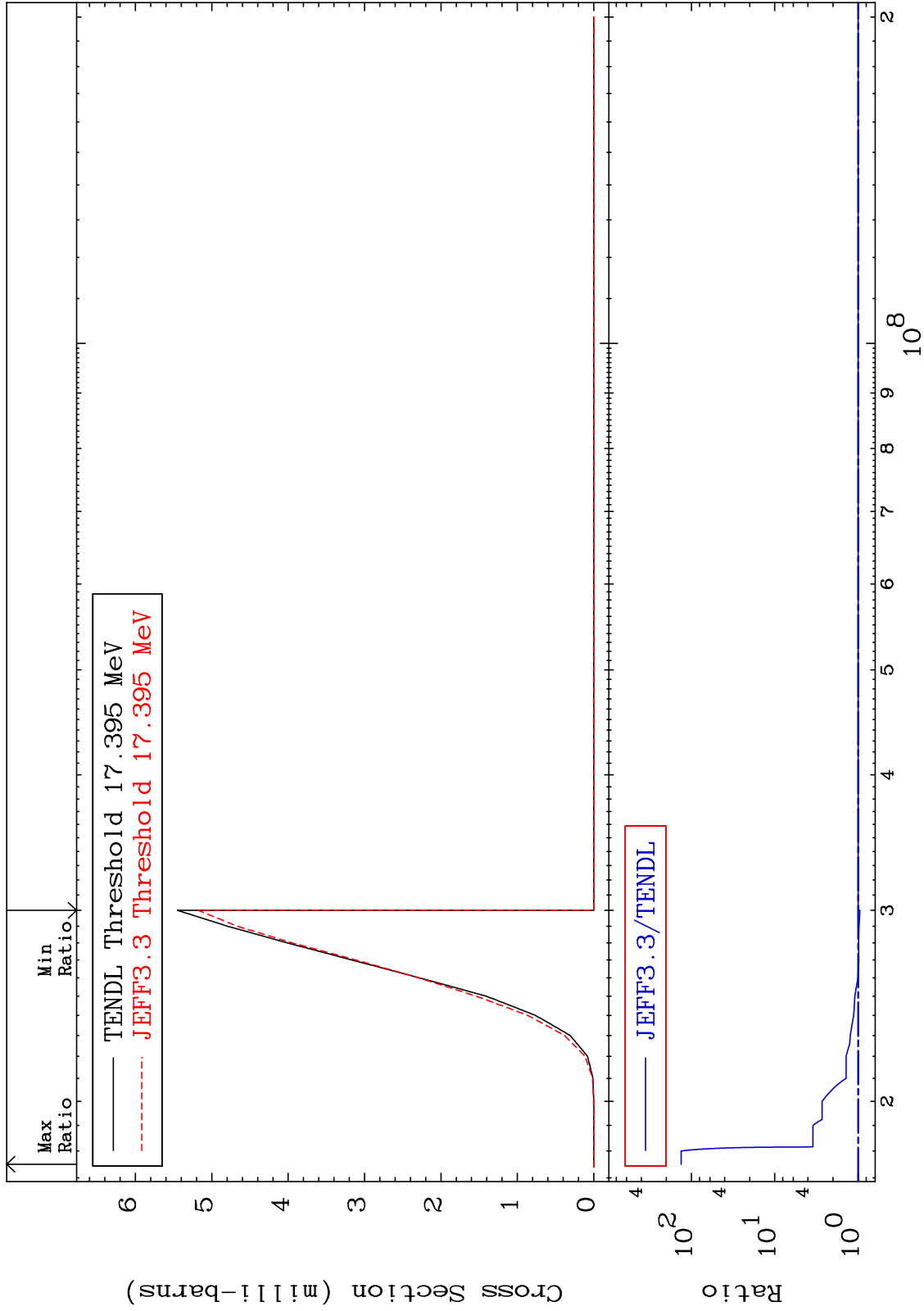
Radionuclide Production Cross Section 0.000 To 3197. %



82

Incident Energy (eV)

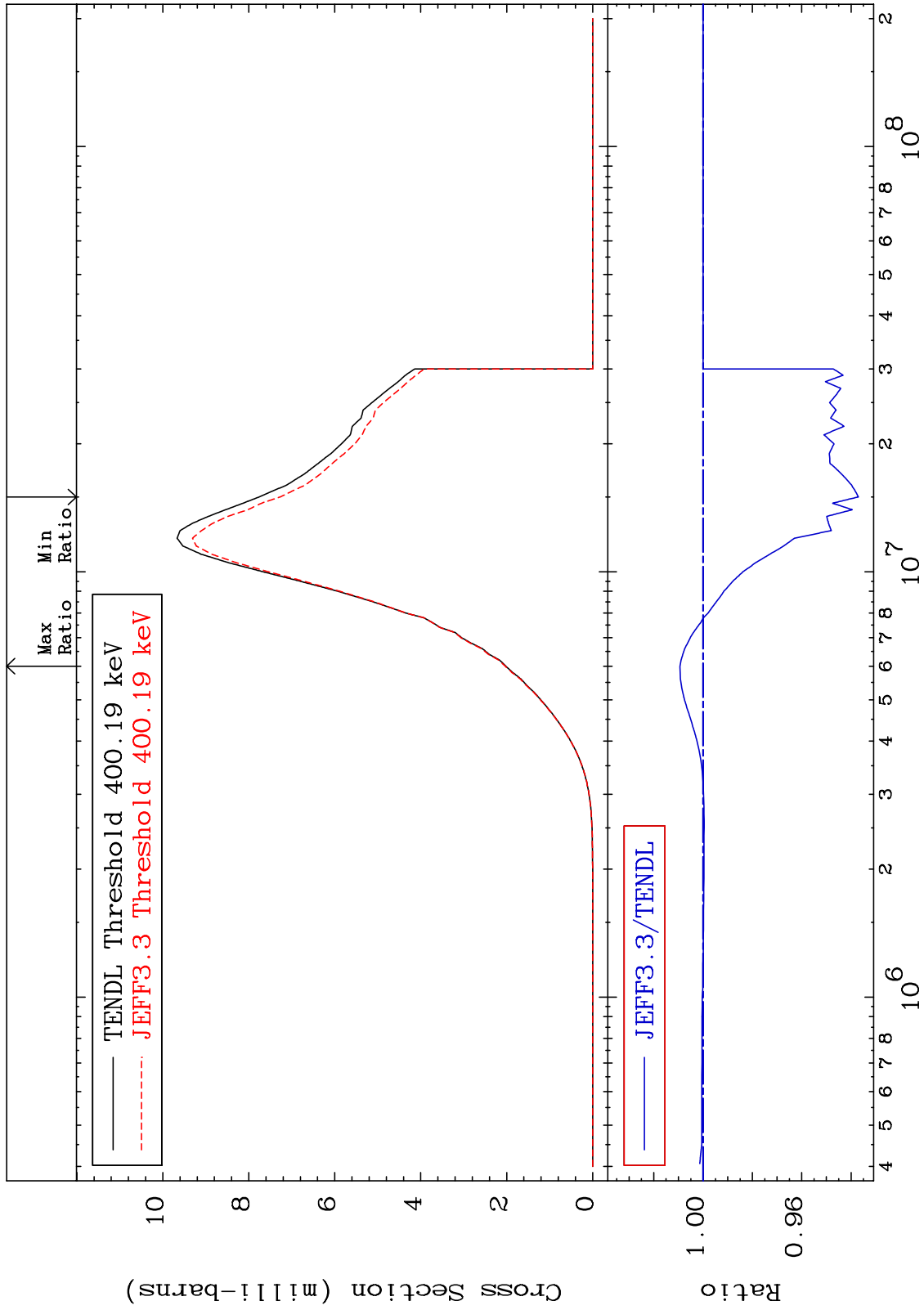
33-As-75



MAT 3325

33-As-75

(n, p) : 32-Ge-75g
Radionuclide Production Cross Section -6.298 To 0.935 %



84

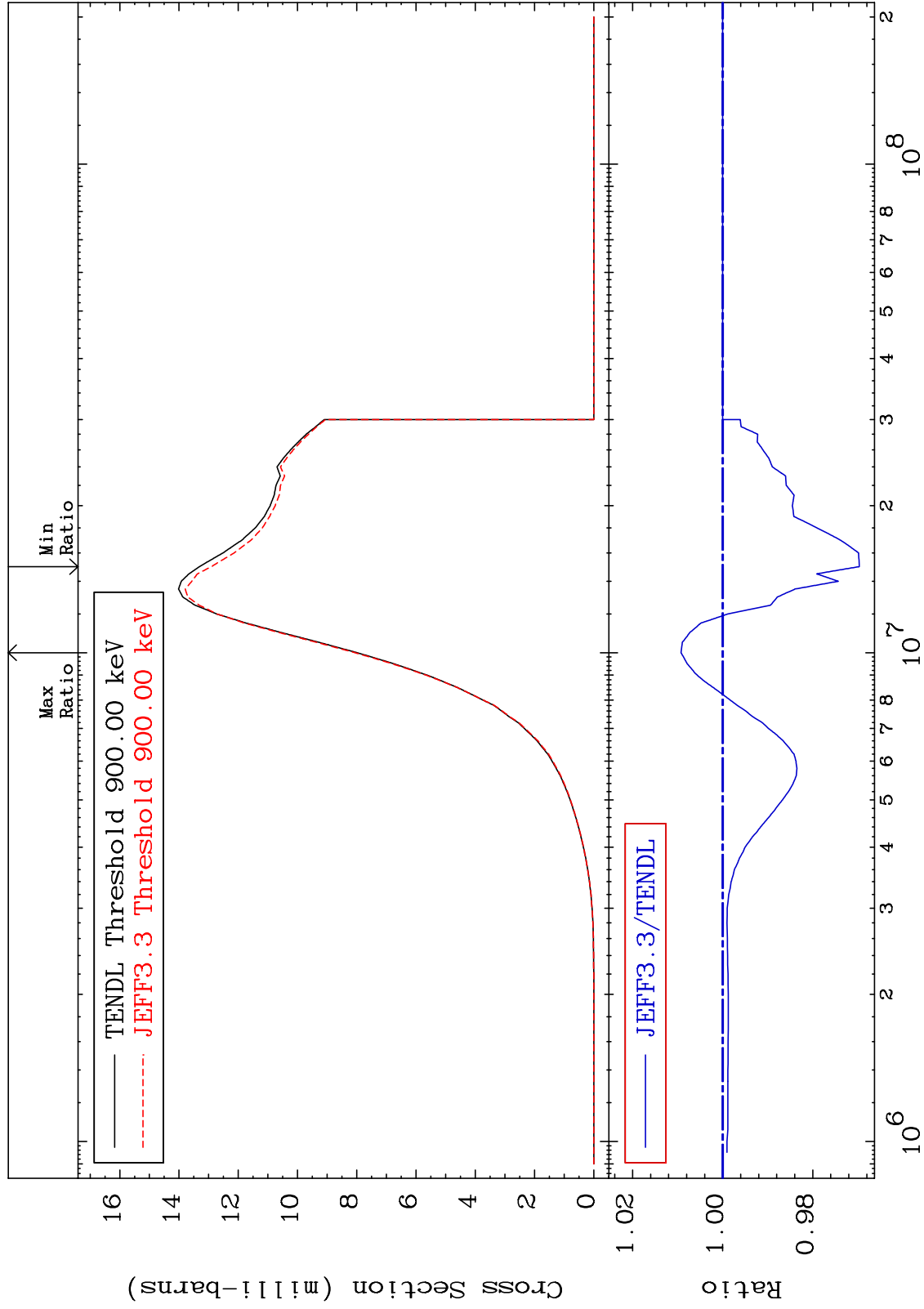
33-As-75

MAT 3325

(n,p):32-Ge-75m2

33-As-75

Radionuclide Production Cross Section -3.033 To 0.925 %



85

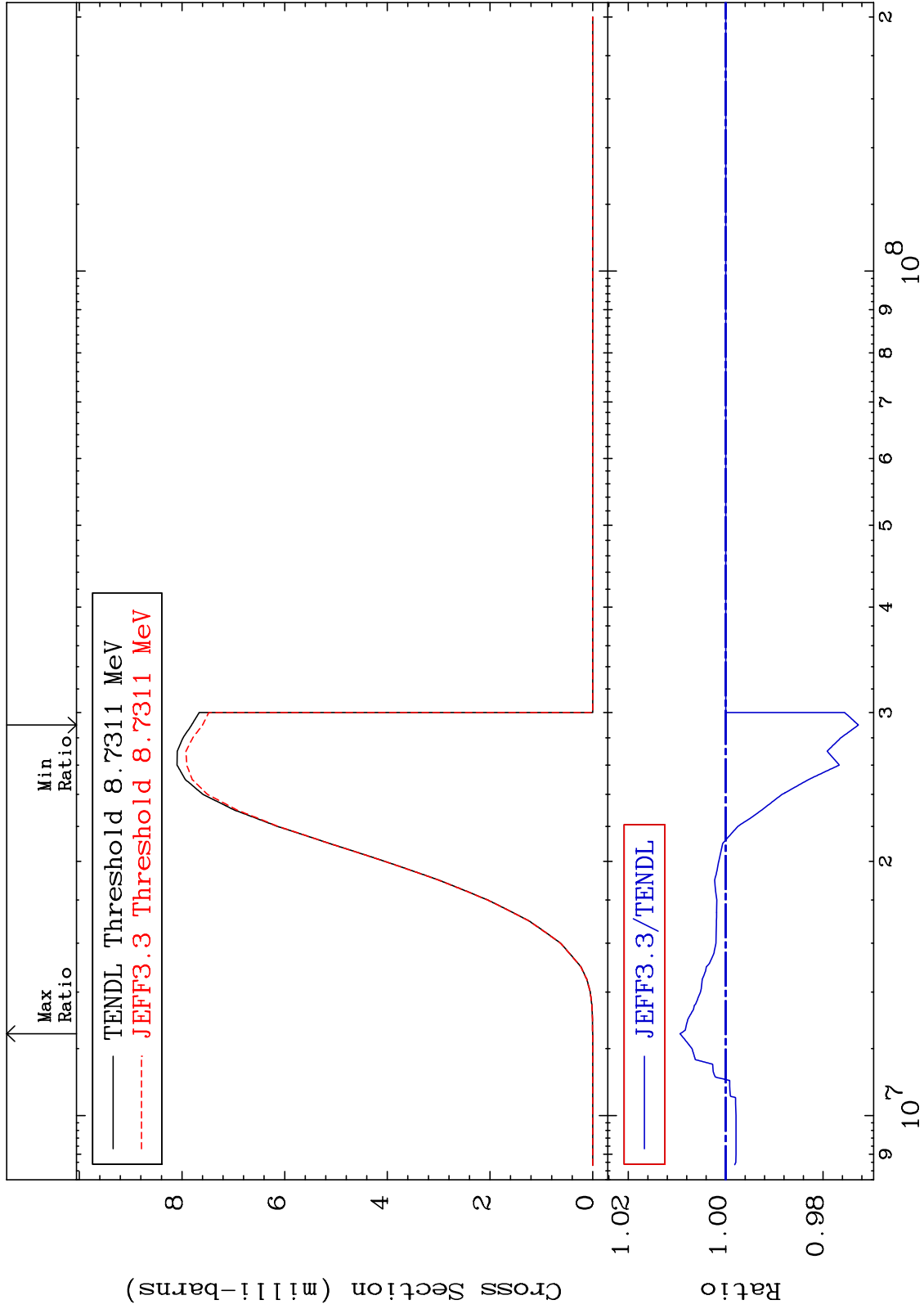
Incident Energy (eV)

33-As-75

MAT 3325

33-As-75

(n, t) : 32-Ge-73g -2.729 To 0.938 %
Radionuclide Production Cross Section



86

Incident Energy (eV)

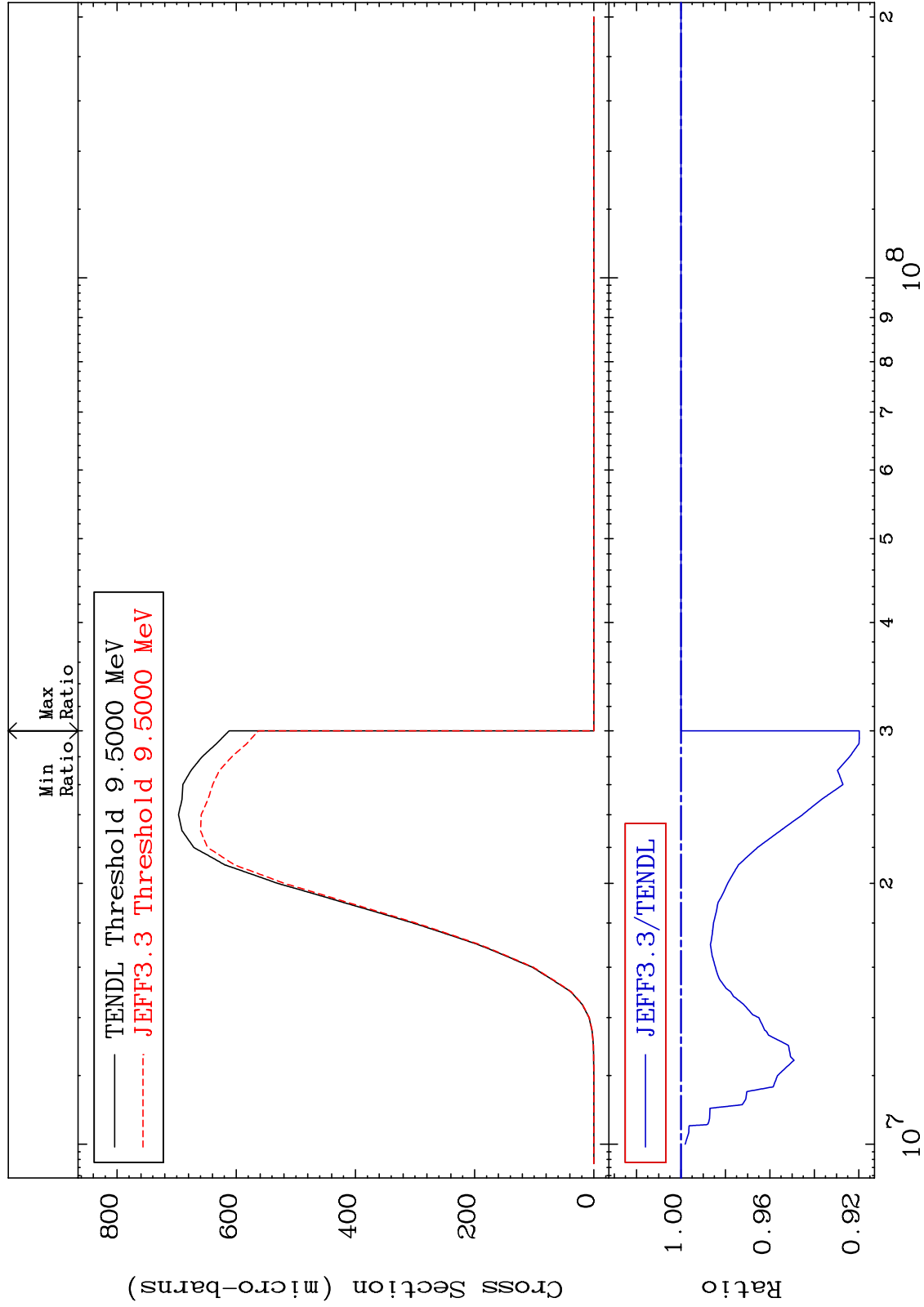
33-As-75

MAT 3325

(n, t): 32-Ge-73m2

33-As-75

Radionuclide Production Cross Section -8.019 To 0.000 %



87

Incident Energy (eV)

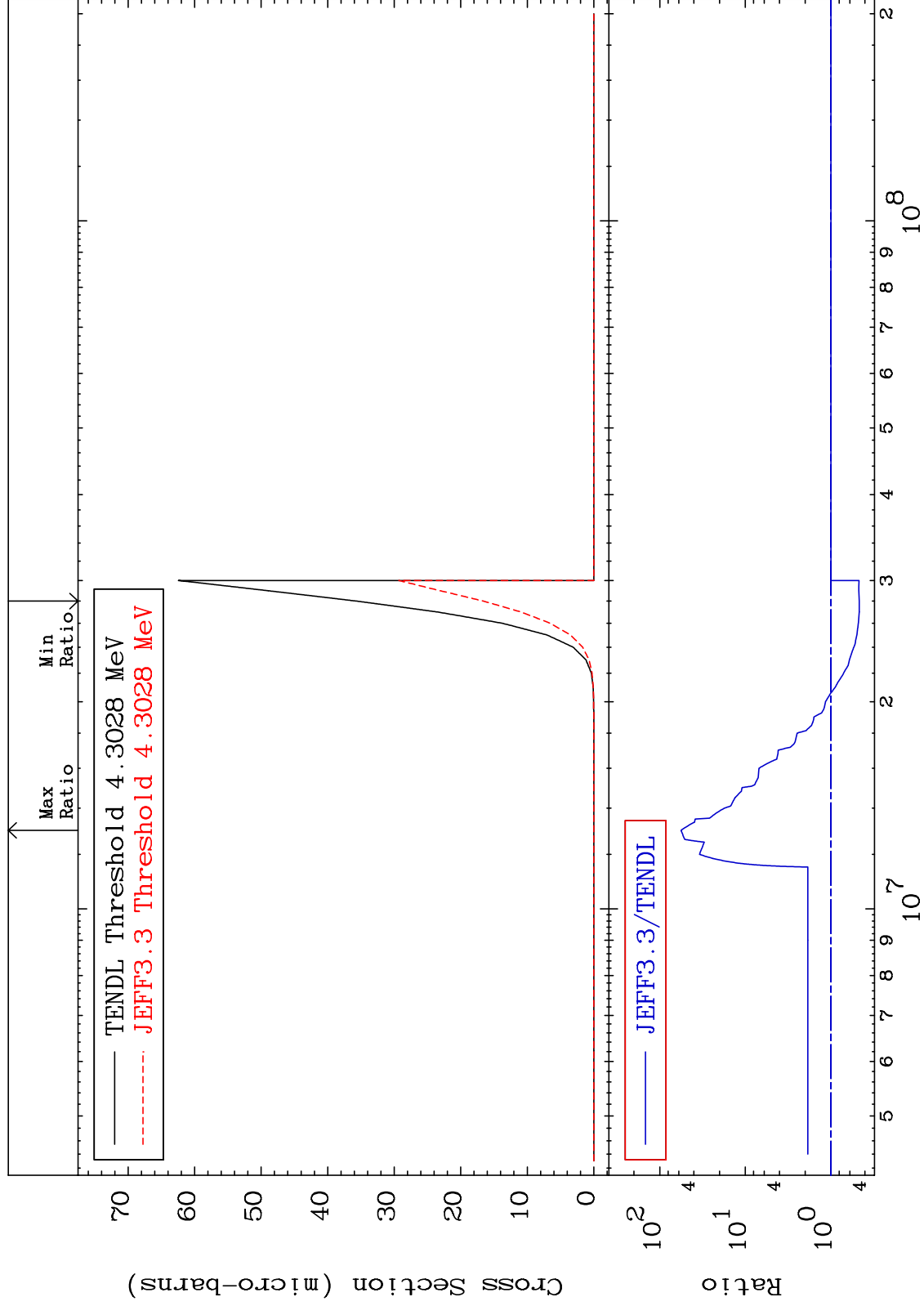
33-As-75

MAT 3325

(n,2α):29-Cu-68g

33-As-75

Radionuclide Production Cross Section -53.44 To 5541. %

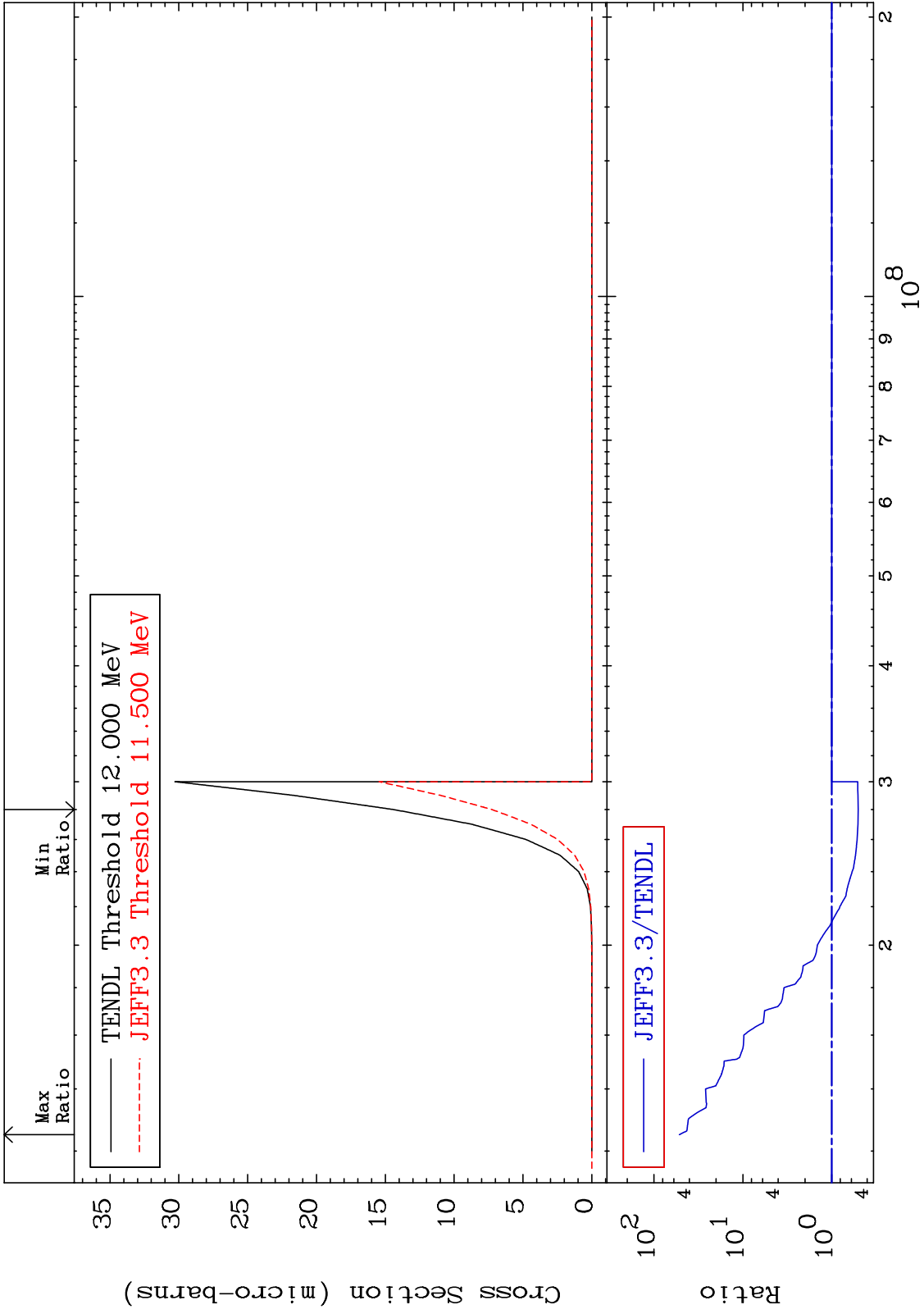


88

Incident Energy (eV)

33-As-75

Radionuclide Production Cross Section -49.68 To 5084. %

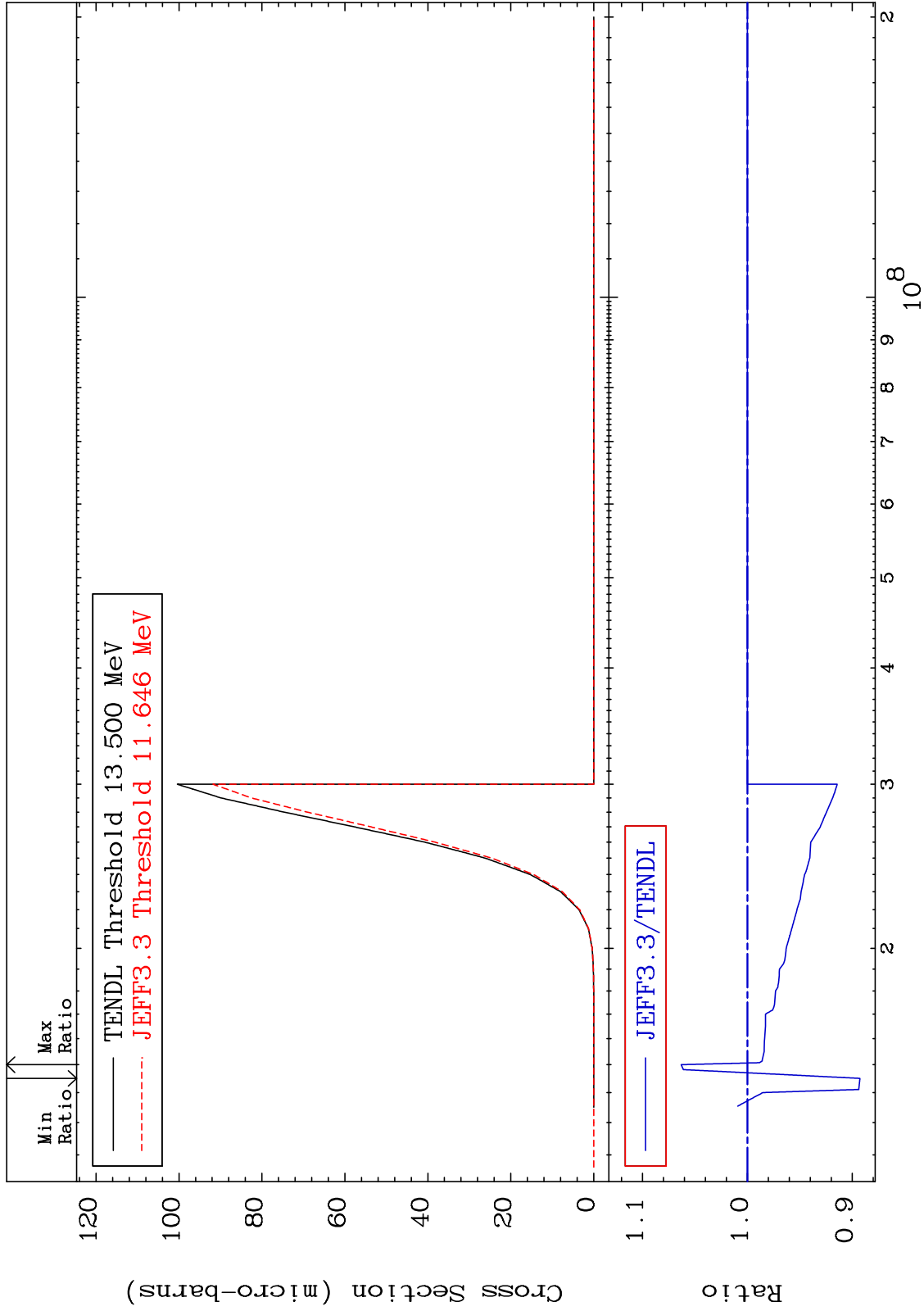


MAT 3325

(n,2p):31-Ga-74g

33-As-75

Radionuclide Production Cross Section -10.74 To 6.308 %



90

Incident Energy (eV)

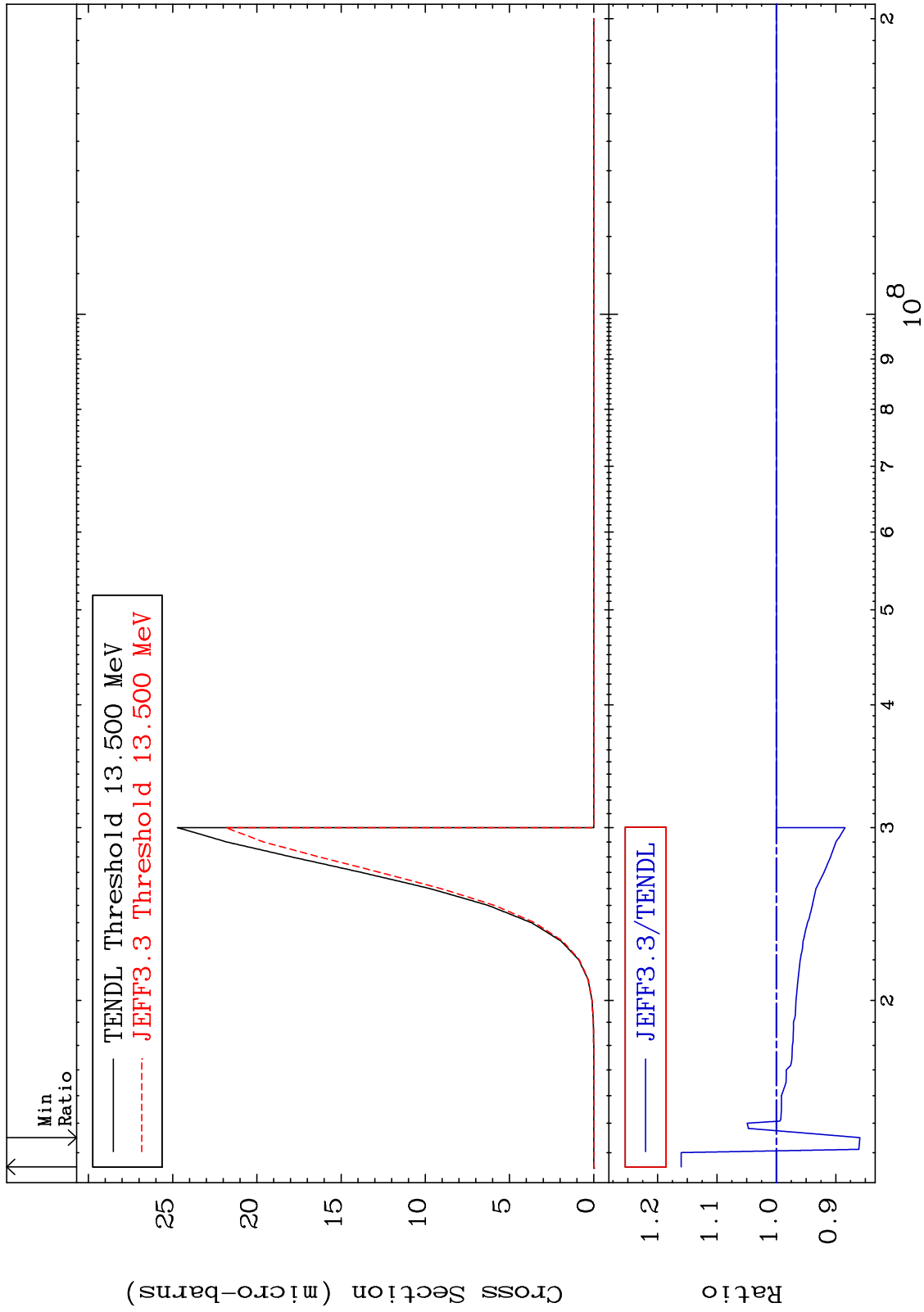
33-As-75

MAT 3325

(n,2p):31-Ga-74m2

33-As-75

Radionuclide Production Cross Section -14.07 To 16.02 %

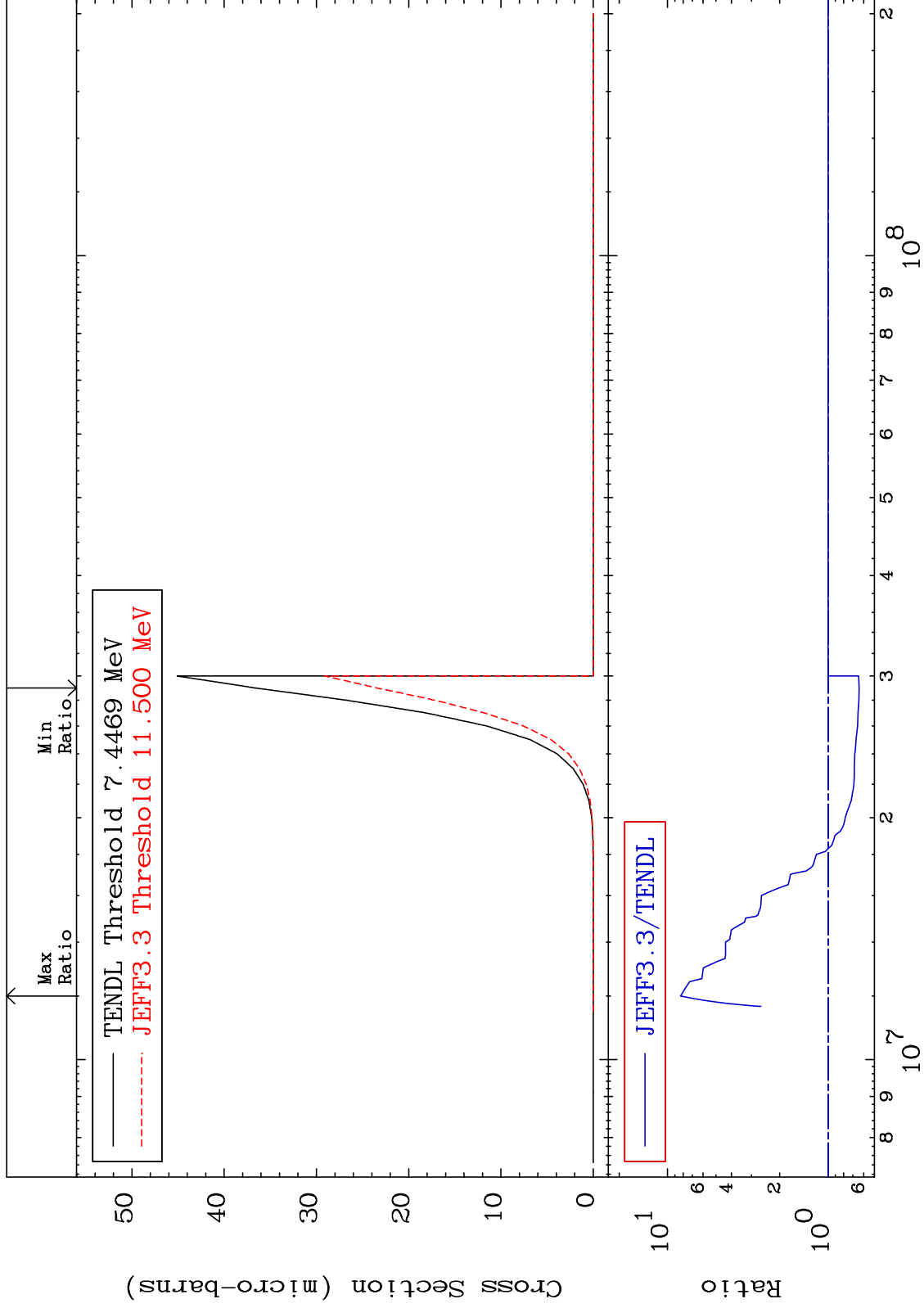


MAT 3325

(n, p) α :30-Zn-71g

33-As-75

Radionuclide Production Cross Section -36.03 To 728.7 %



92

Incident Energy (eV)

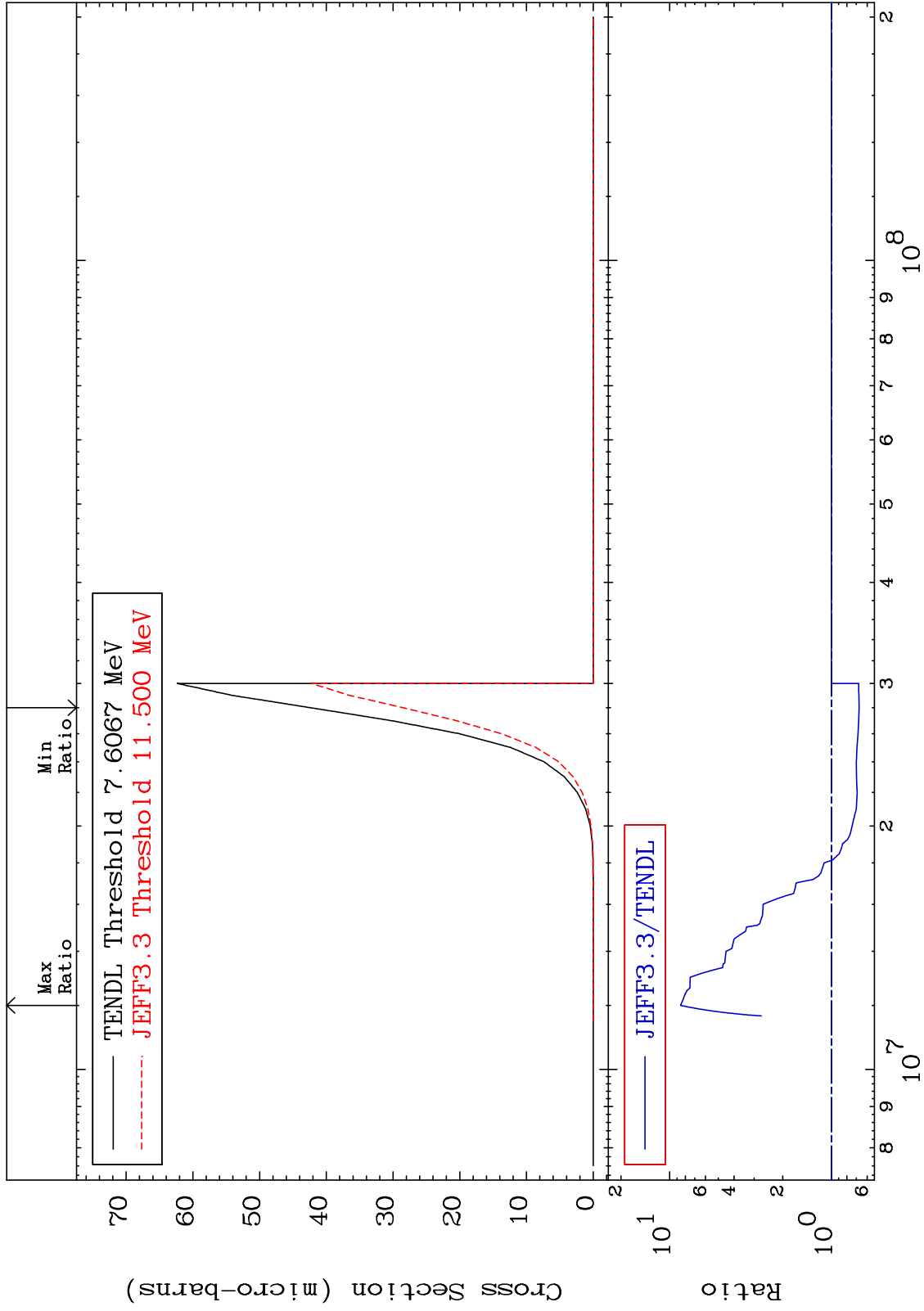
33-As-75

MAT 3325

(n, p) α : 30-Zn-71m1

33-As-75

Radionuclide Production Cross Section -32.75 To 754.8 %



93

Incident Energy (eV)

33-As-75