

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

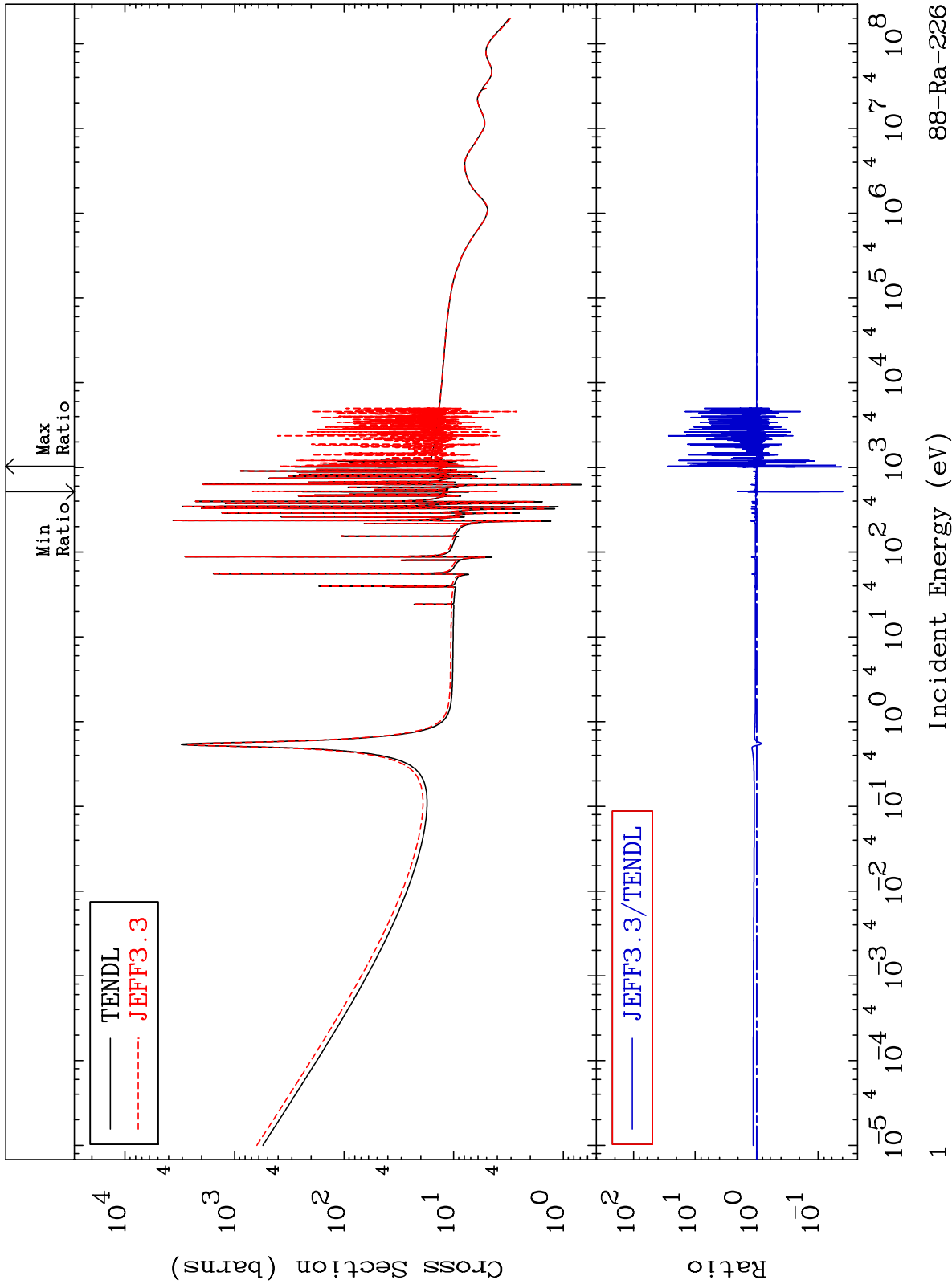
MAT 8834

Total

88-Ra-226

-96.00 To 2724. %

Cross Section

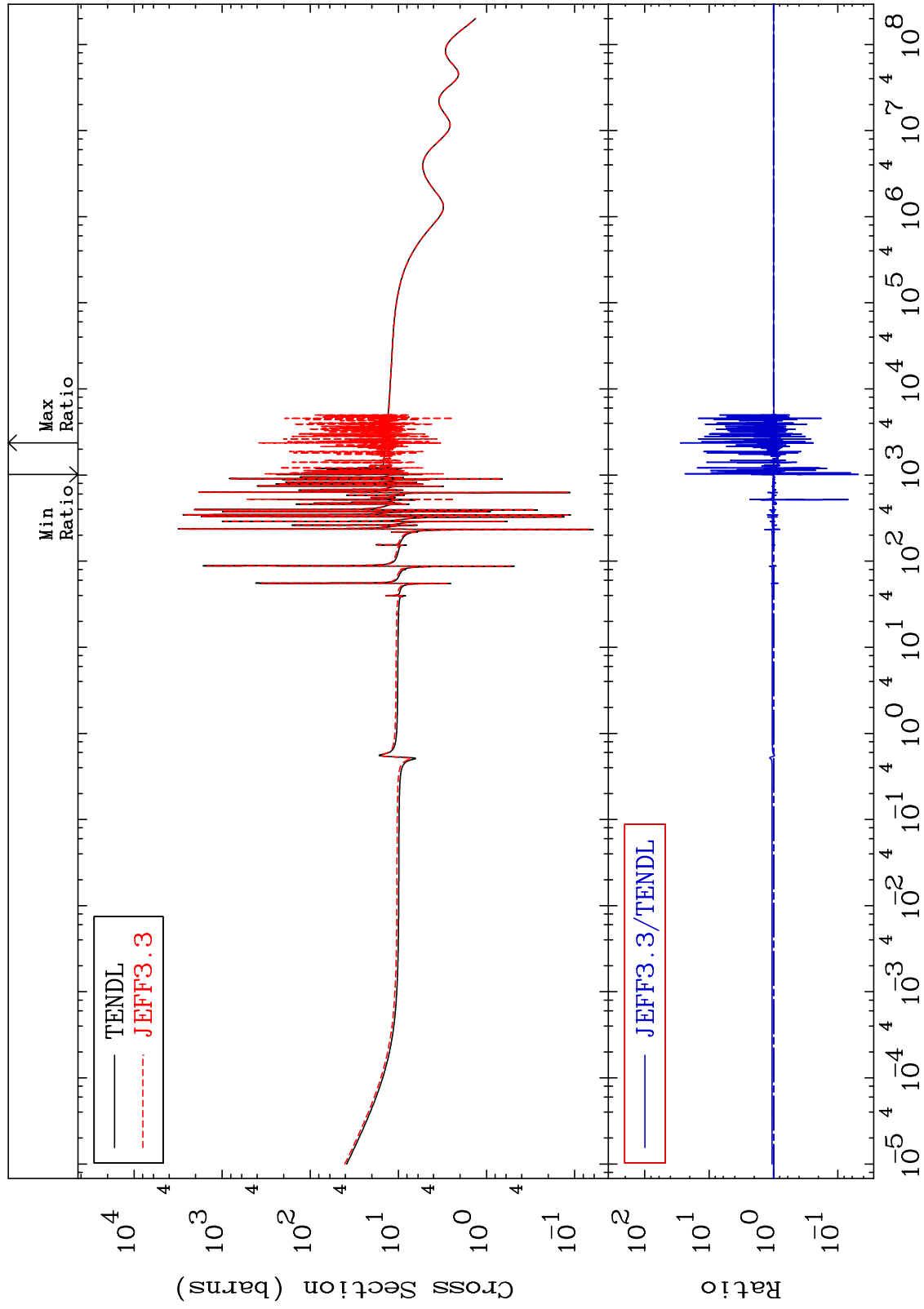


88-Ra-226

MAT 8834

Elastic
Cross Section

88-Ra-226
-95.22 To 2683. %



2

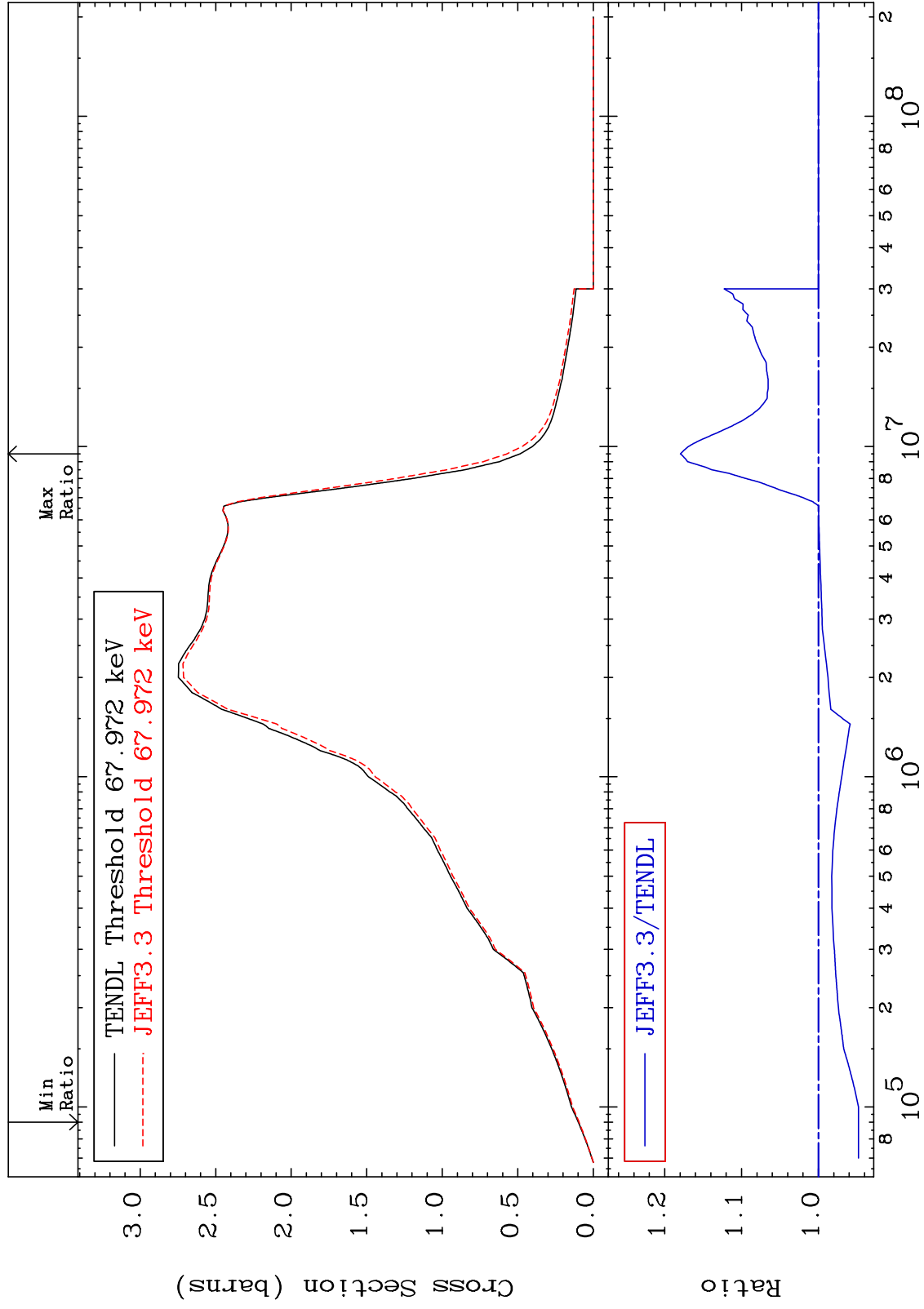
Incident Energy (eV)

88-Ra-226

MAT 8834

Inelastic
Cross Section

88-Ra-226
-5.221 To 17.95 %



3

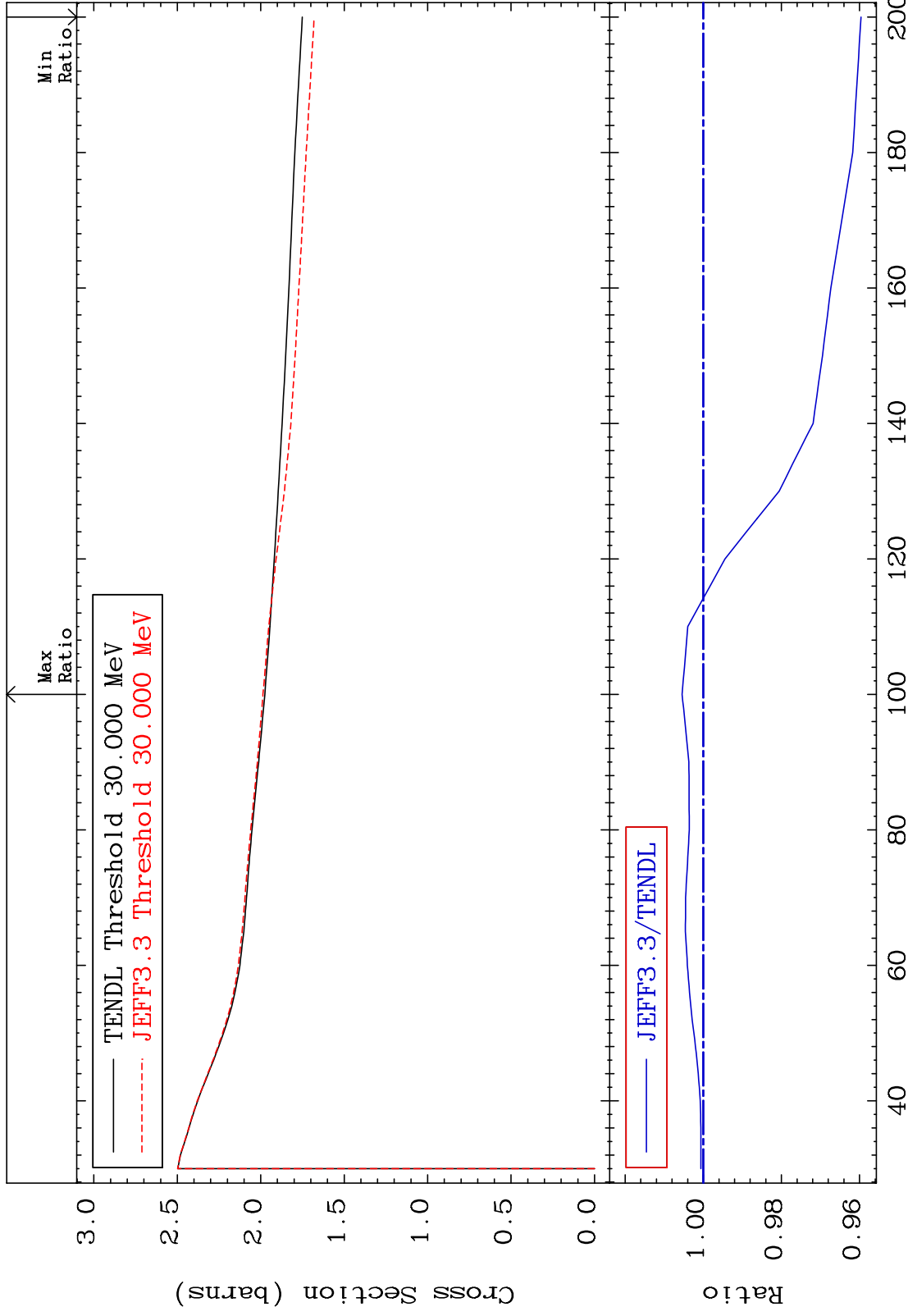
Incident Energy (eV)

88-Ra-226

MAT 8834

(n, remainder)
Cross Section

88-Ra-226
-4.039 To 0.542 %



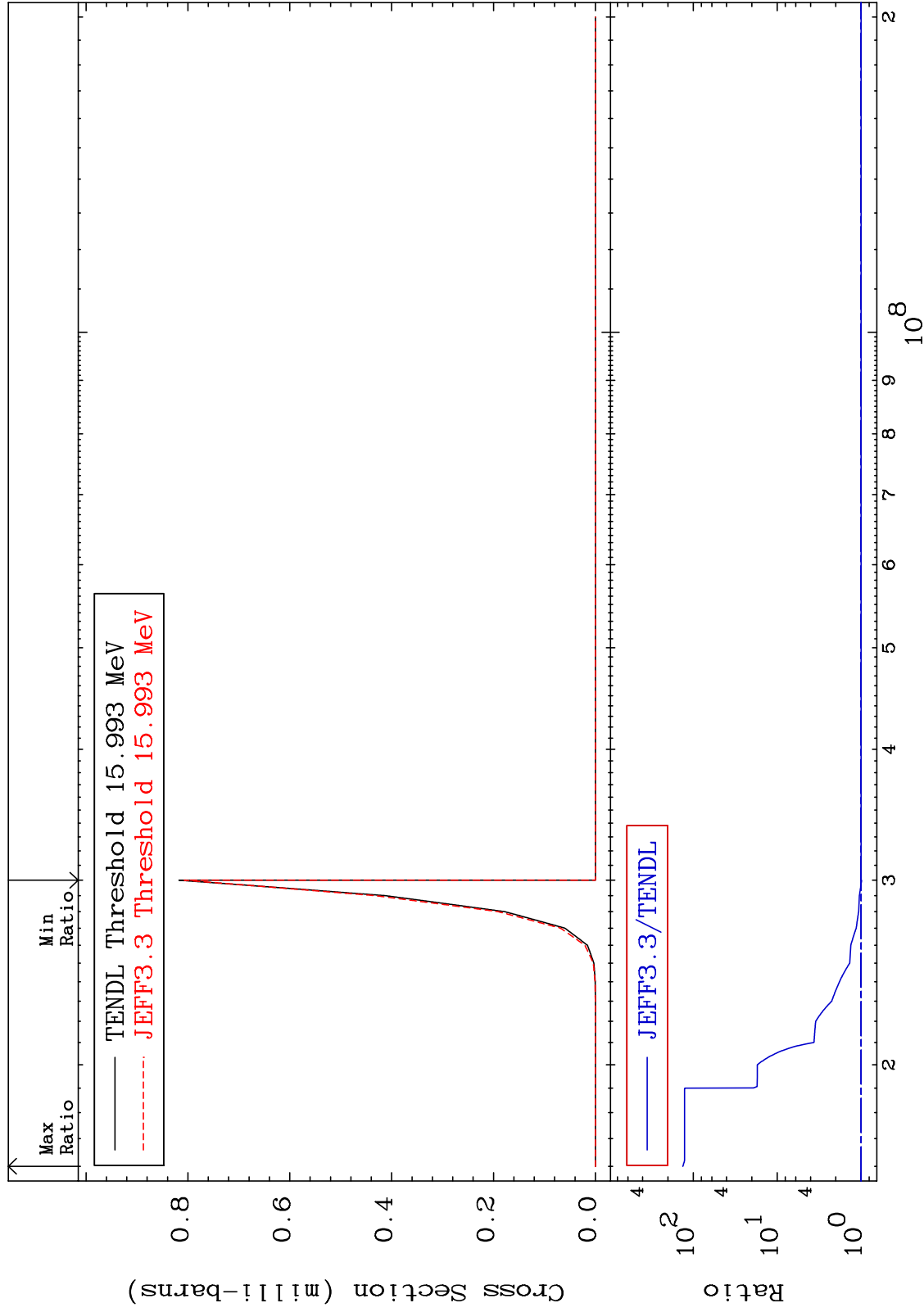
MAT 8834

(n,2n) d

88-Ra-226

Cross Section

-1.271 To 9999. %



88-Ra-226

5

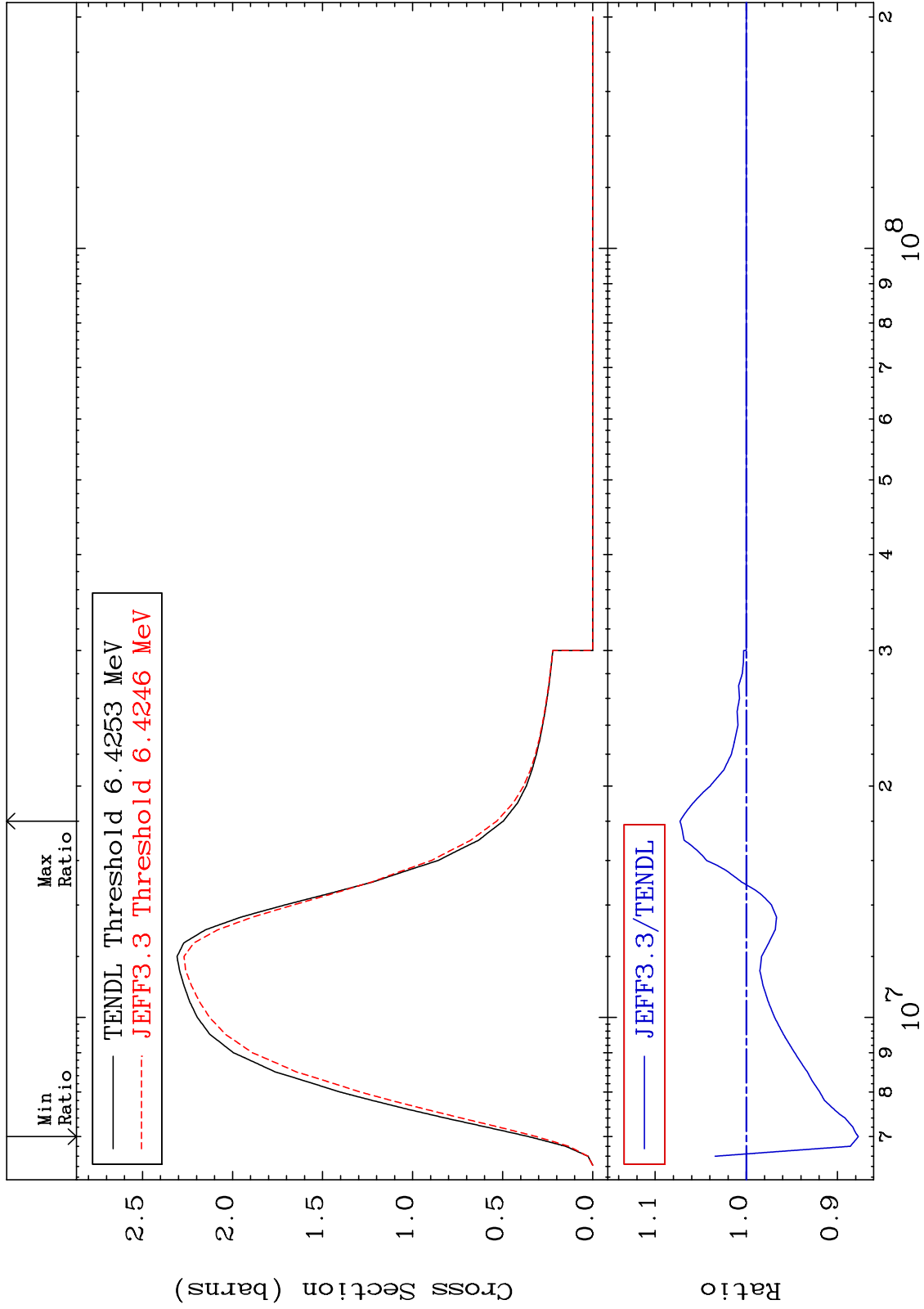
MAT 8834

(n, 2n)

88-Ra-226

Cross Section

-12.30 To 7.274 %



6

Incident Energy (eV)

88-Ra-226

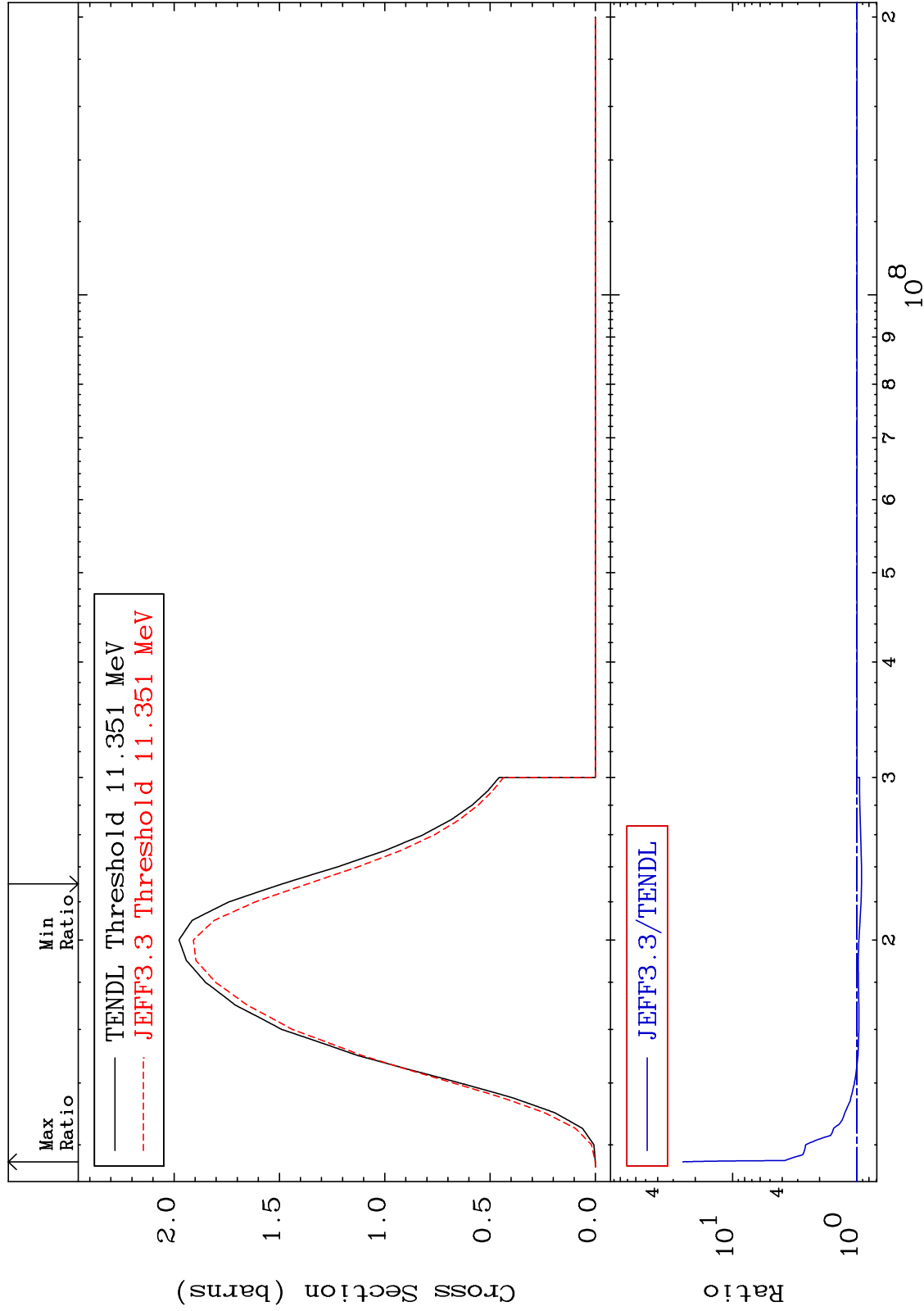
MAT 8834

(n,3n)

88-Ra-226

Cross Section

-8.107 To 2411. %



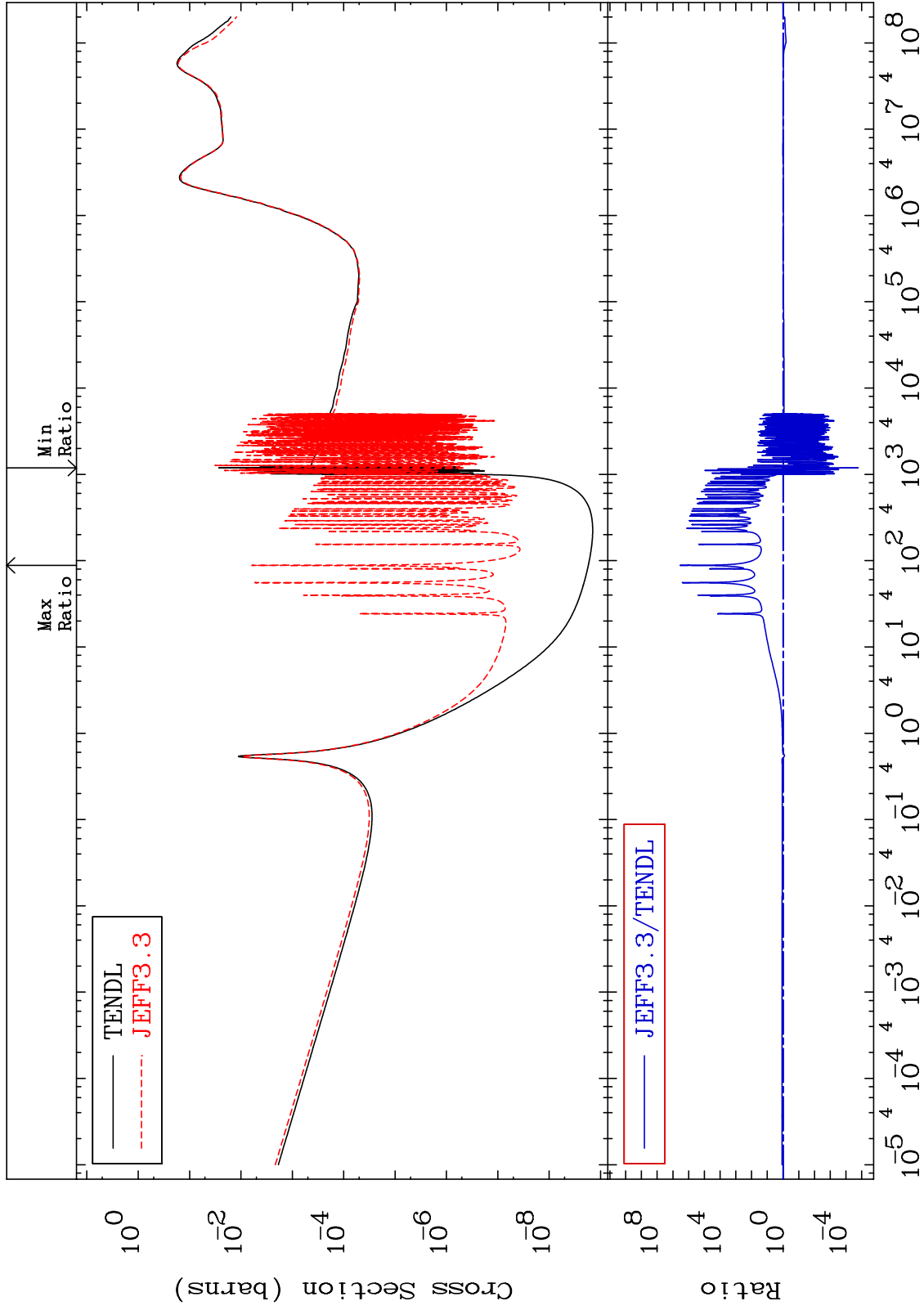
MAT 8834

Fission

88-Ra-226

-100.0 To 9999. %

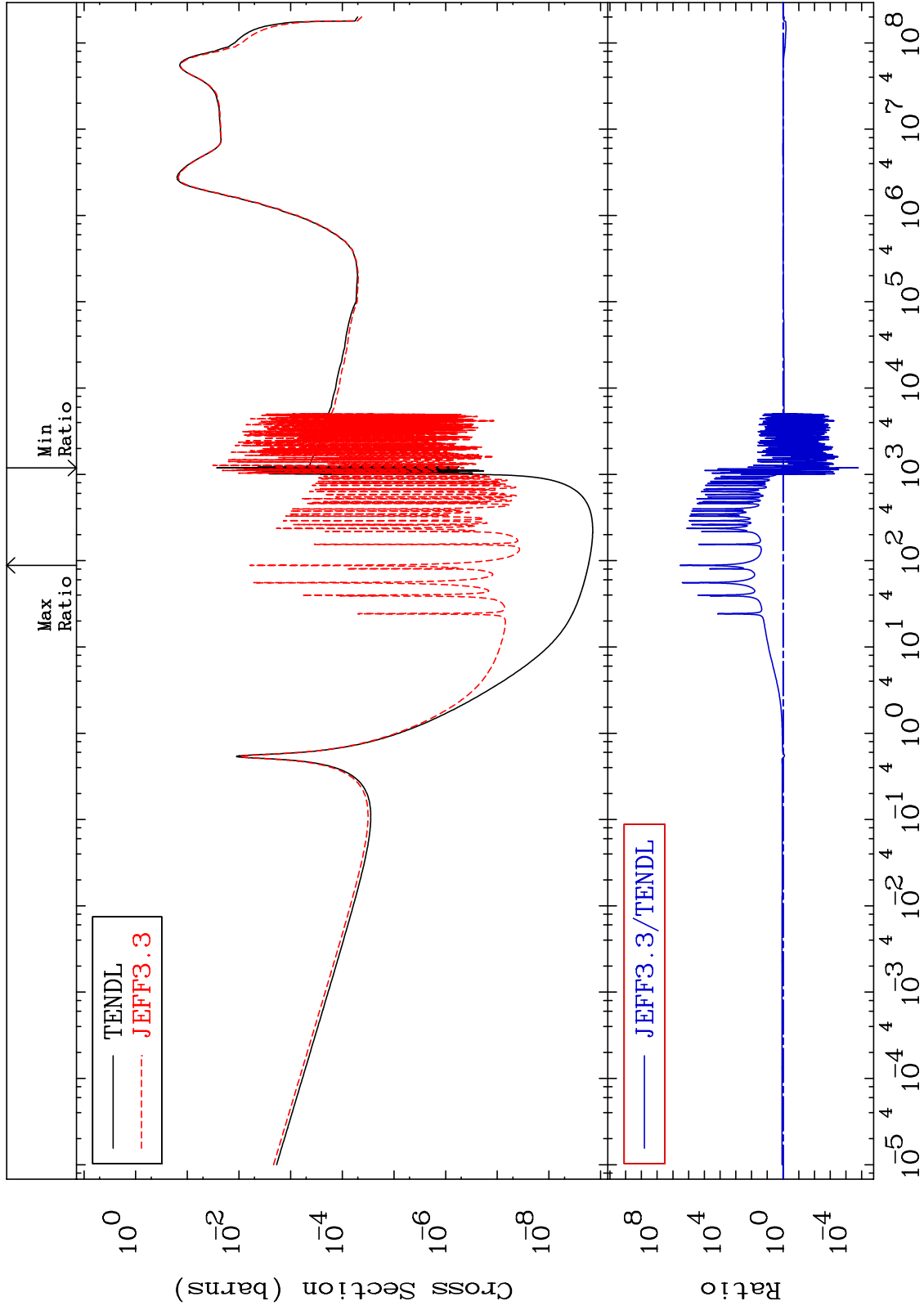
Cross Section



MAT 8834

(n,f) First Chance
Cross Section

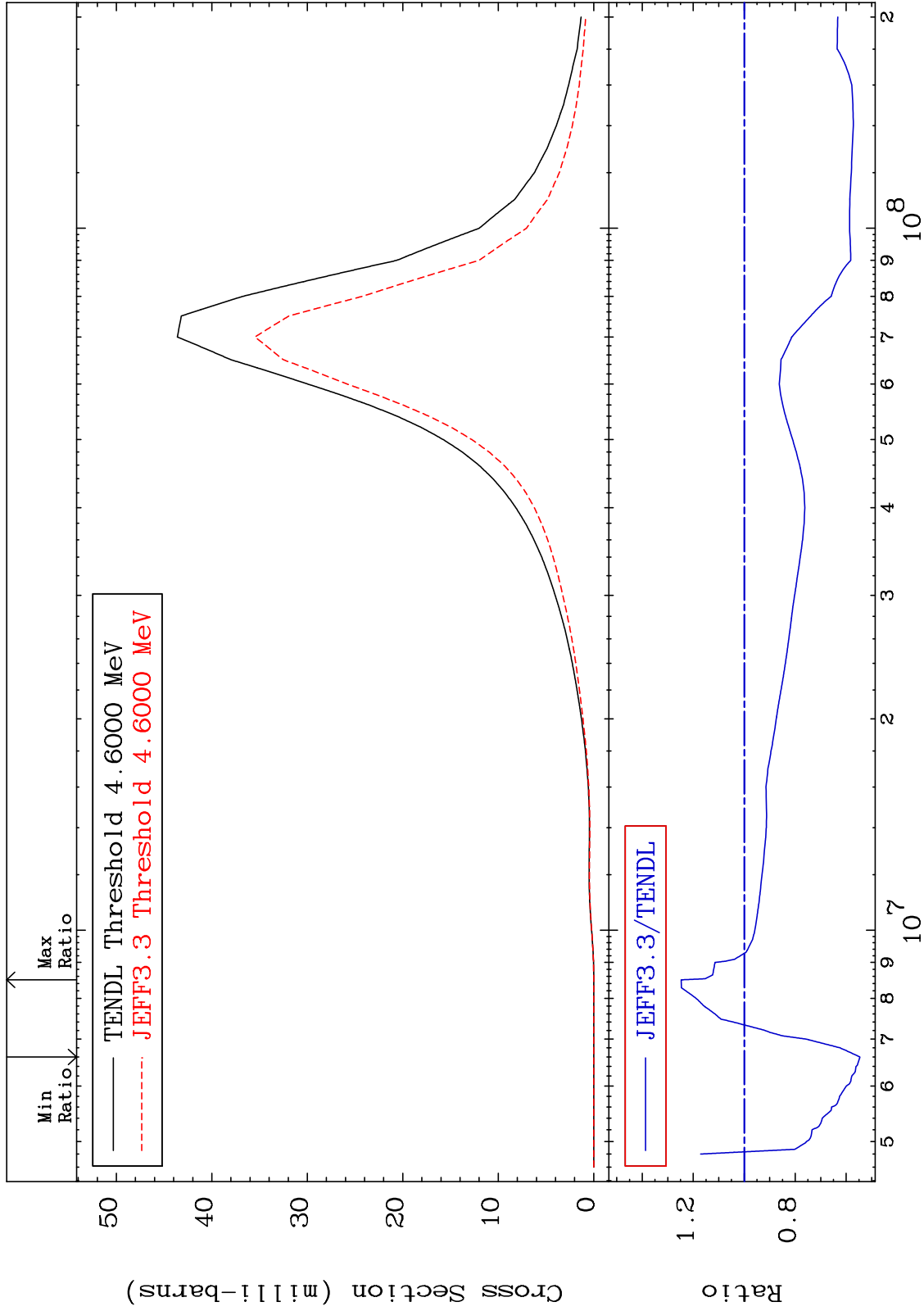
88-Ra-226
-100.0 To 9999. %



MAT 8834

(n, nf) Second Chance
Cross Section

88-Ra-226
-45.38 To 24.71 %



10

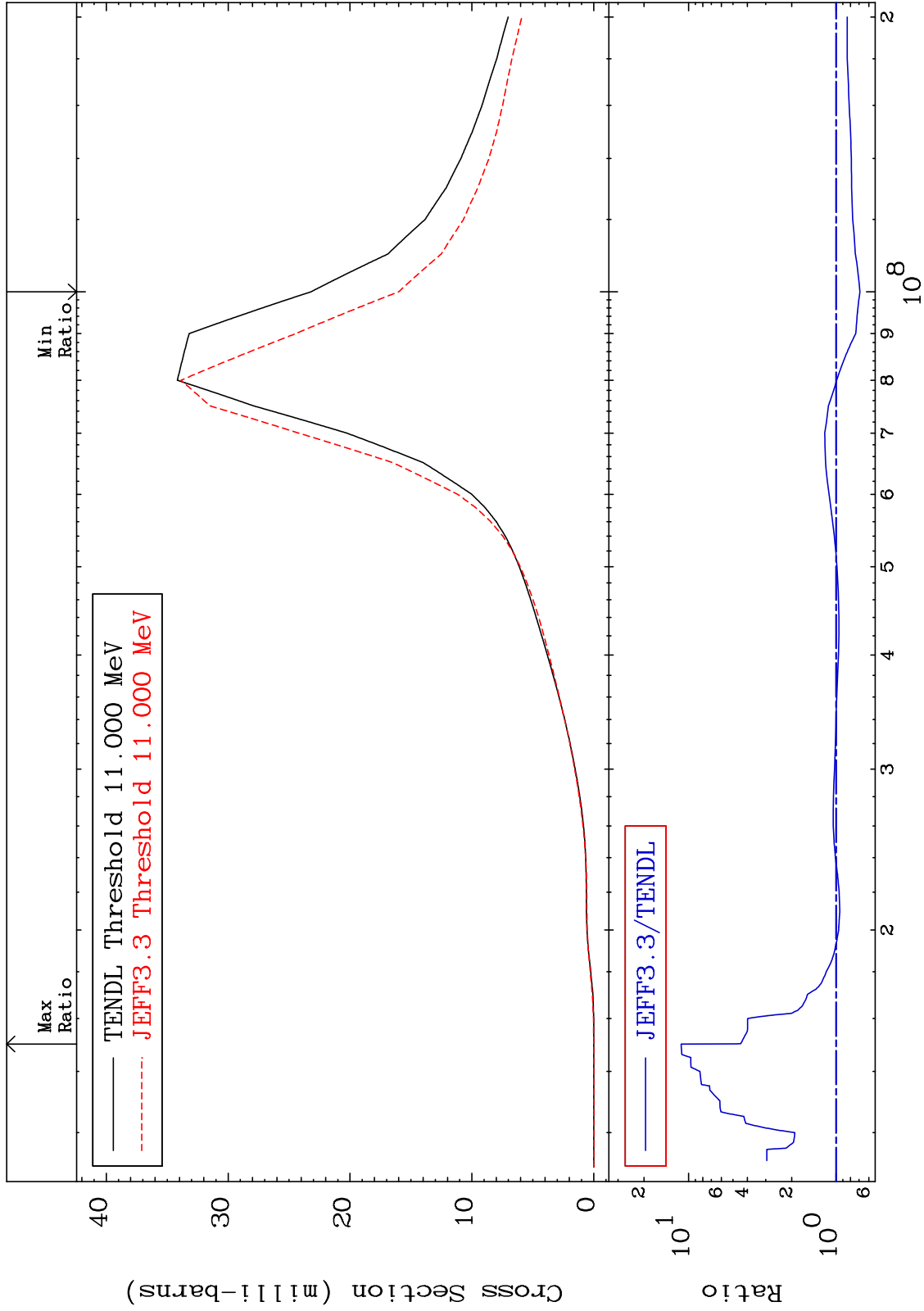
Incident Energy (eV)

88-Ra-226

MAT 8834

(n,2nf) Third Chance
Cross Section

88-Ra-226
-31.00 To 1020. %



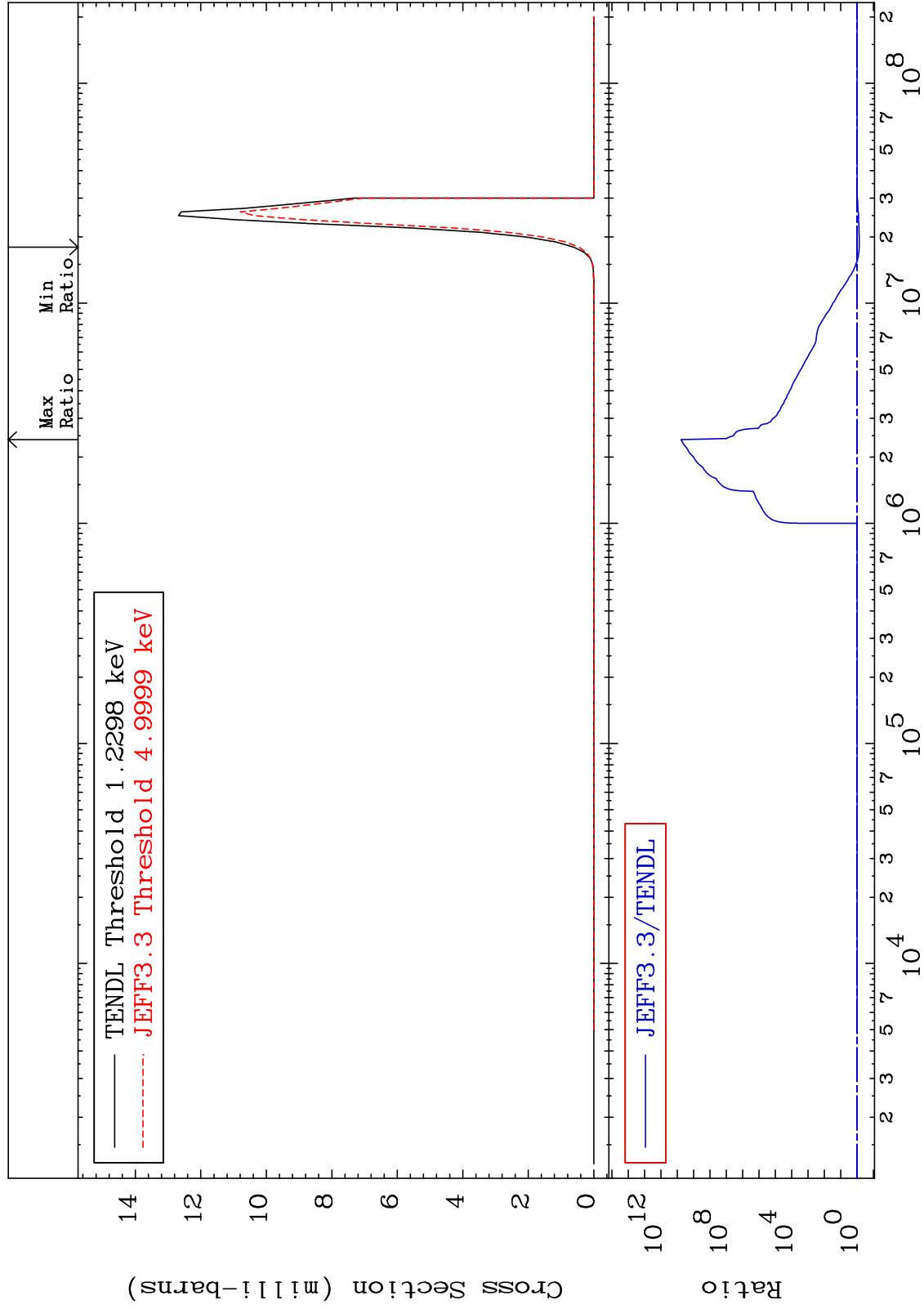
MAT 8834

(n, n') α

88-Ra-226

Cross Section

-25.94 To 9999. %



12

Incident Energy (eV)

88-Ra-226

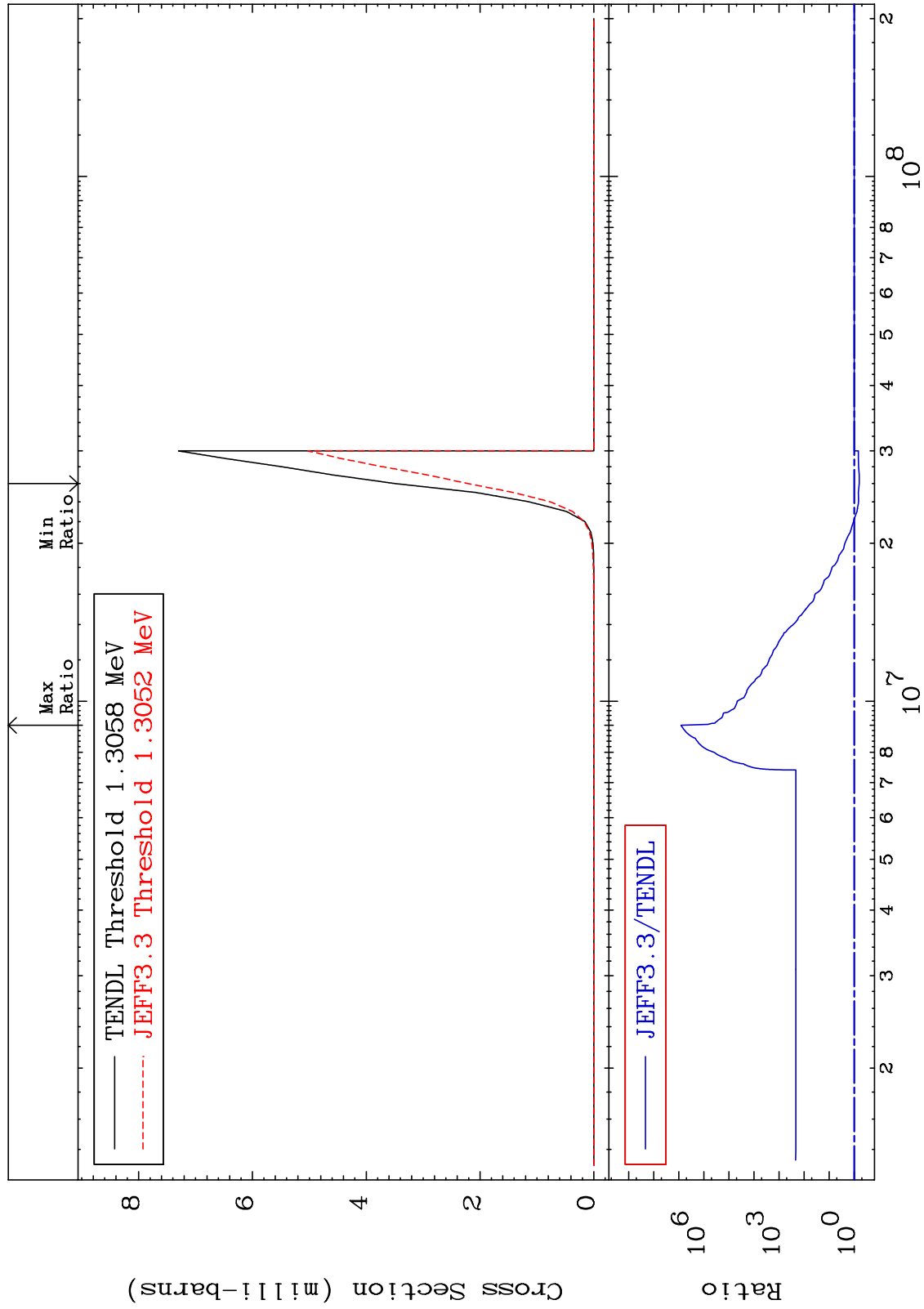
MAT 8834

(n,2n) α

88-Ra-226

-36.72 To 9999. %

Cross Section



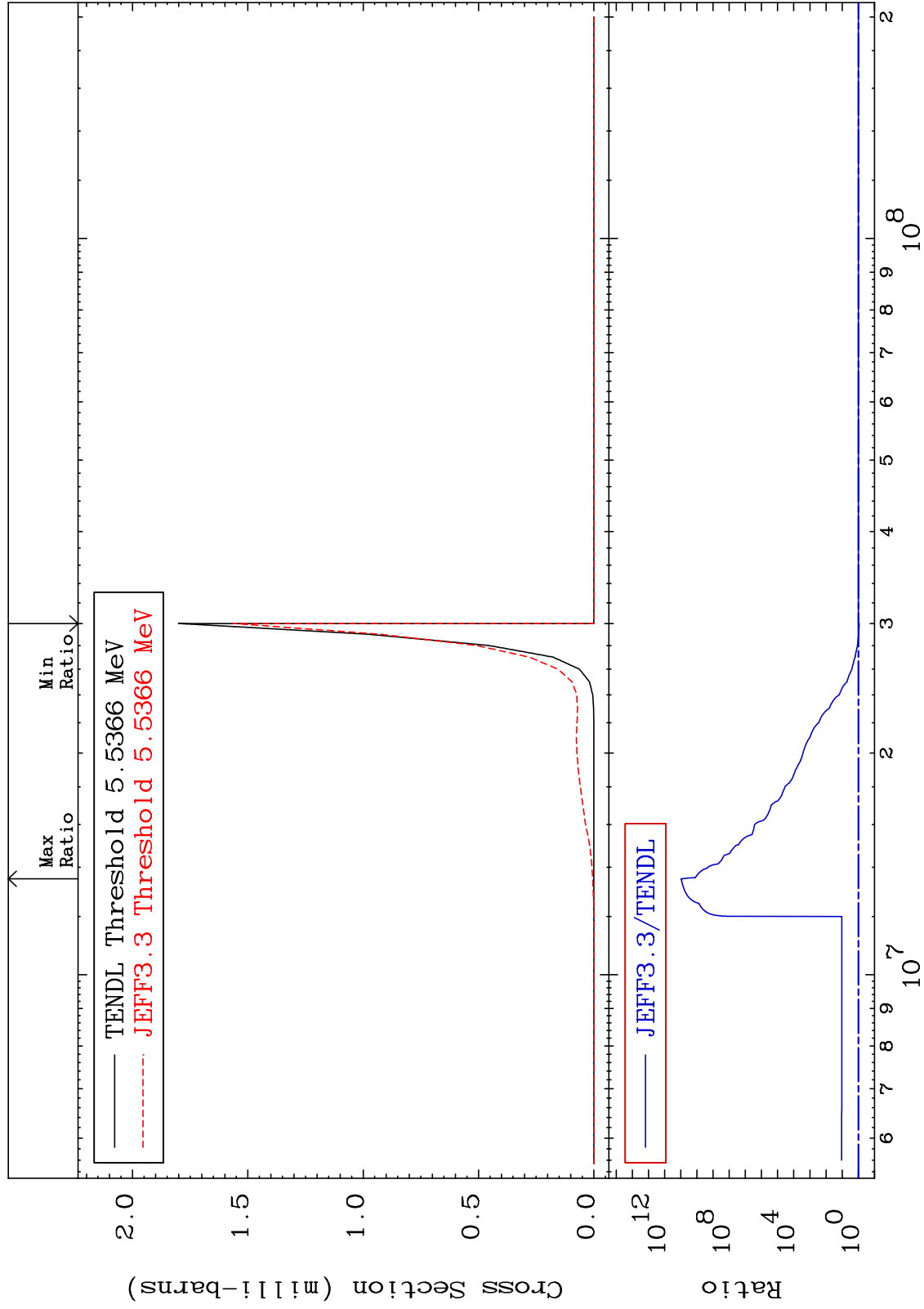
MAT 8834

(n,3n) α

88-Ra-226

-13.18 To 9999. %

Cross Section



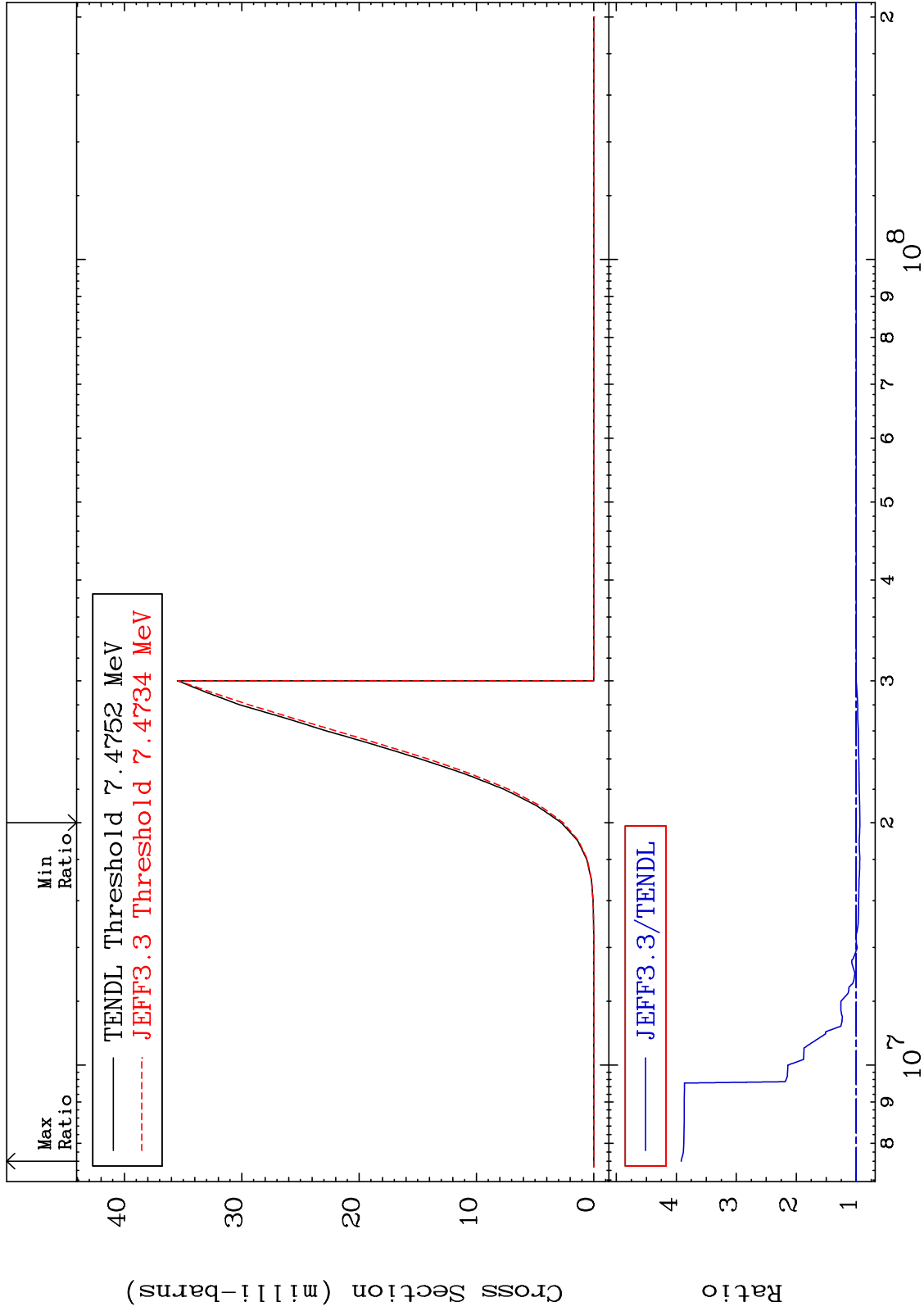
MAT 8834

(n,n') p

88-Ra-226

Cross Section

-6.221 To 291.8 %



15

Incident Energy (eV)

88-Ra-226

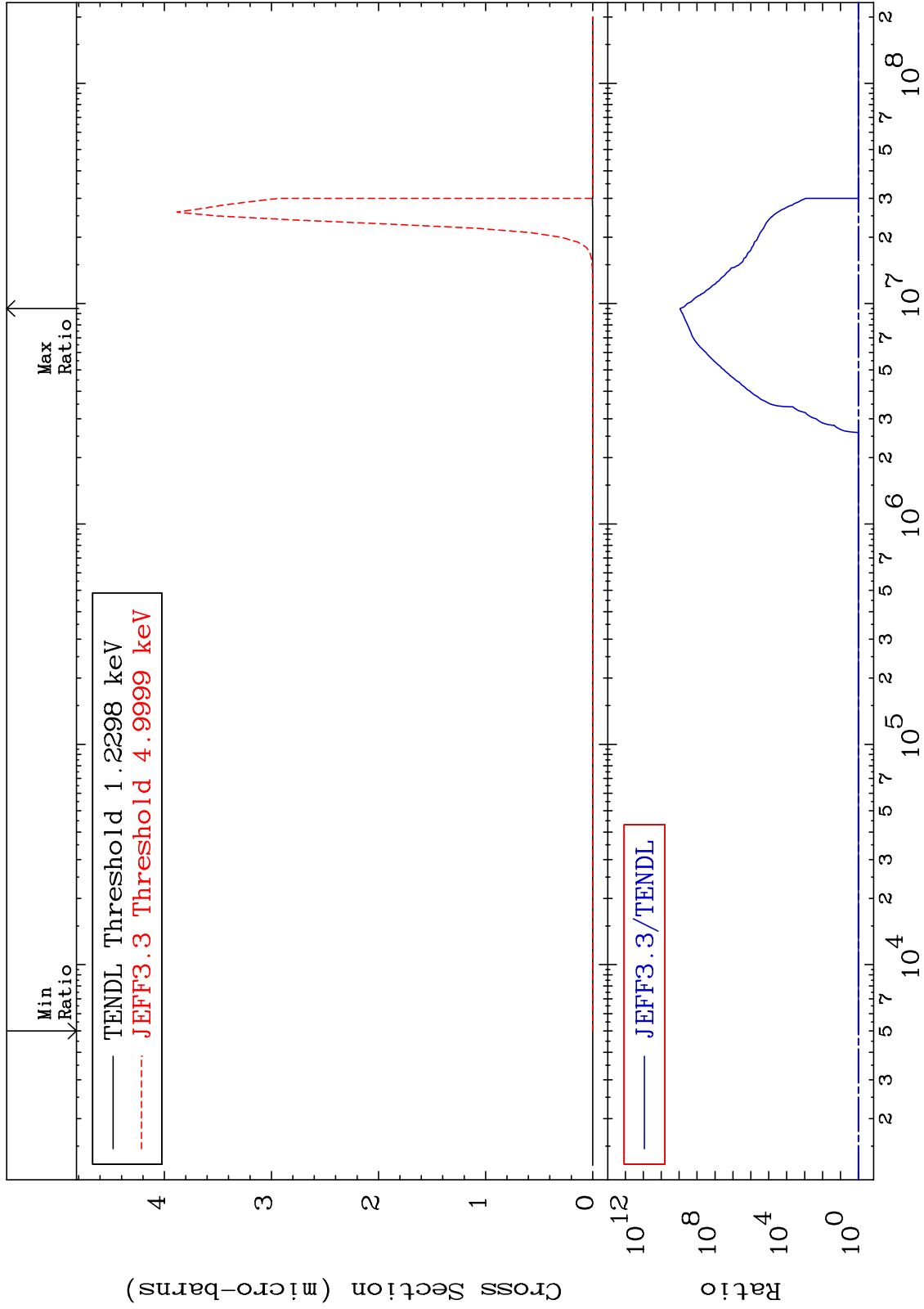
MAT 8834

(n, n') 2α

88-Ra-226

Cross Section

0.000 To 9999. %



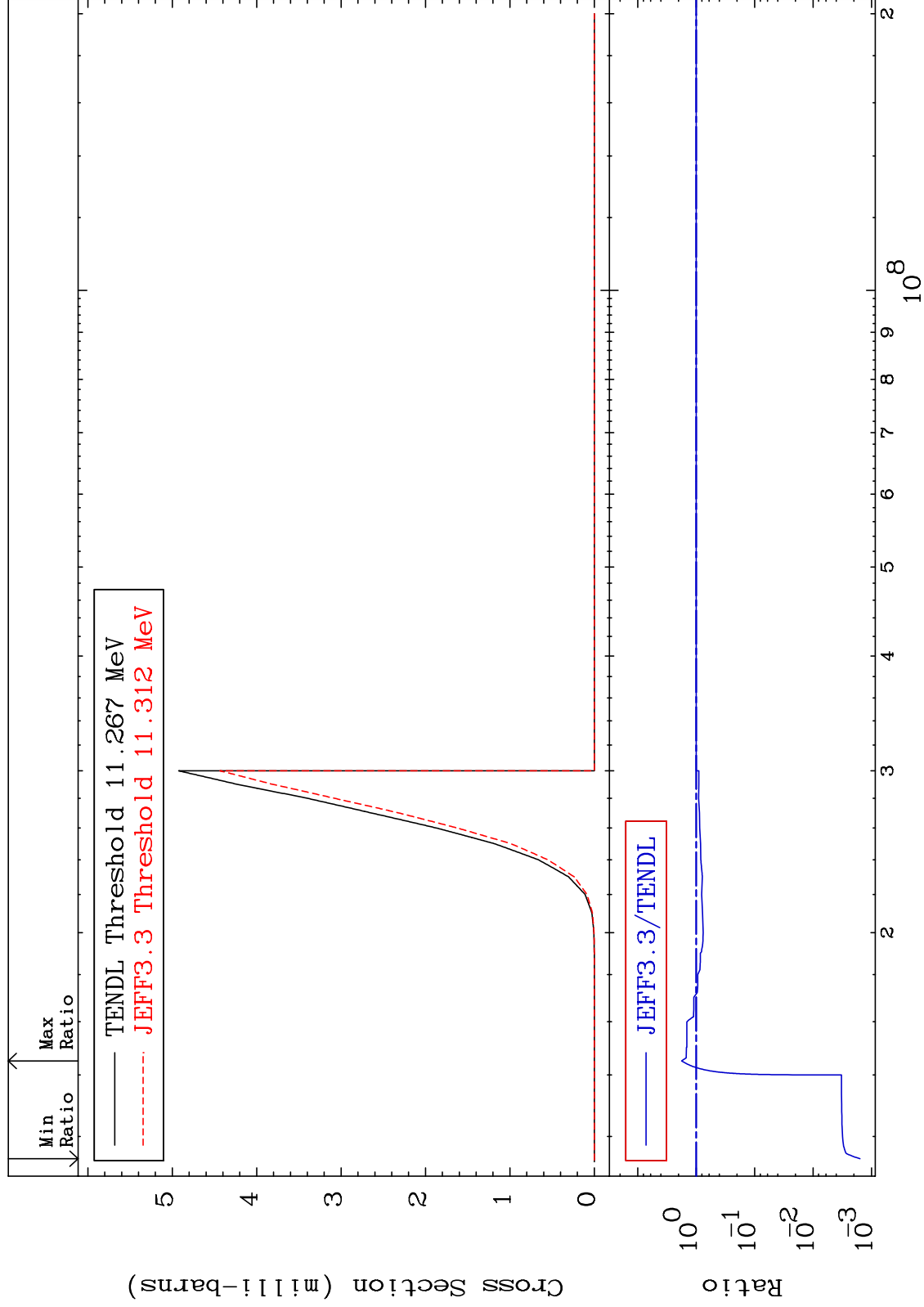
MAT 8834

(n,n') d

88-Ra-226

Cross Section

-99.84 To 76.71 %



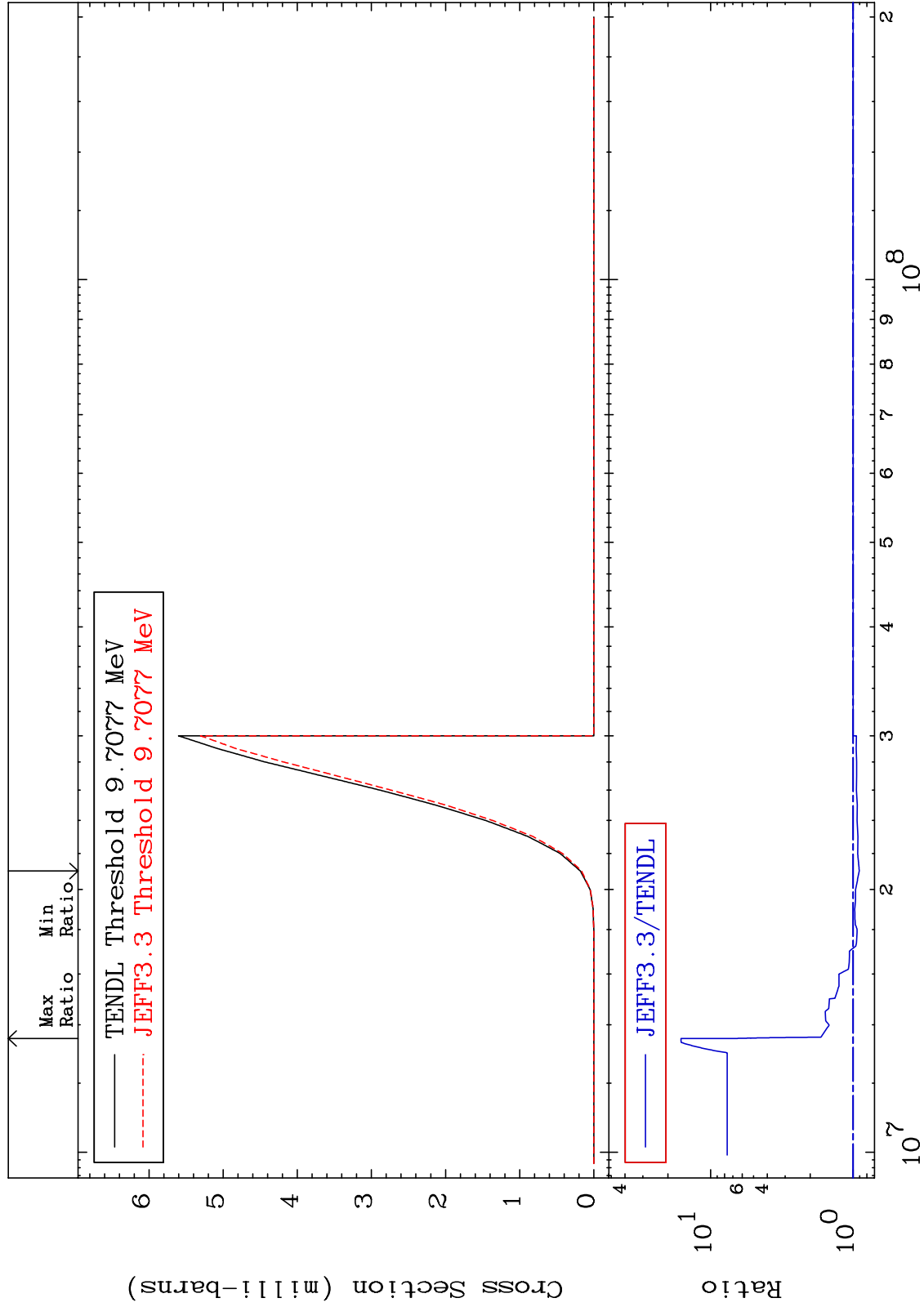
MAT 8834

(n, n') t

88-Ra-226

Cross Section

-9.507 To 1515. %



Incident Energy (eV)

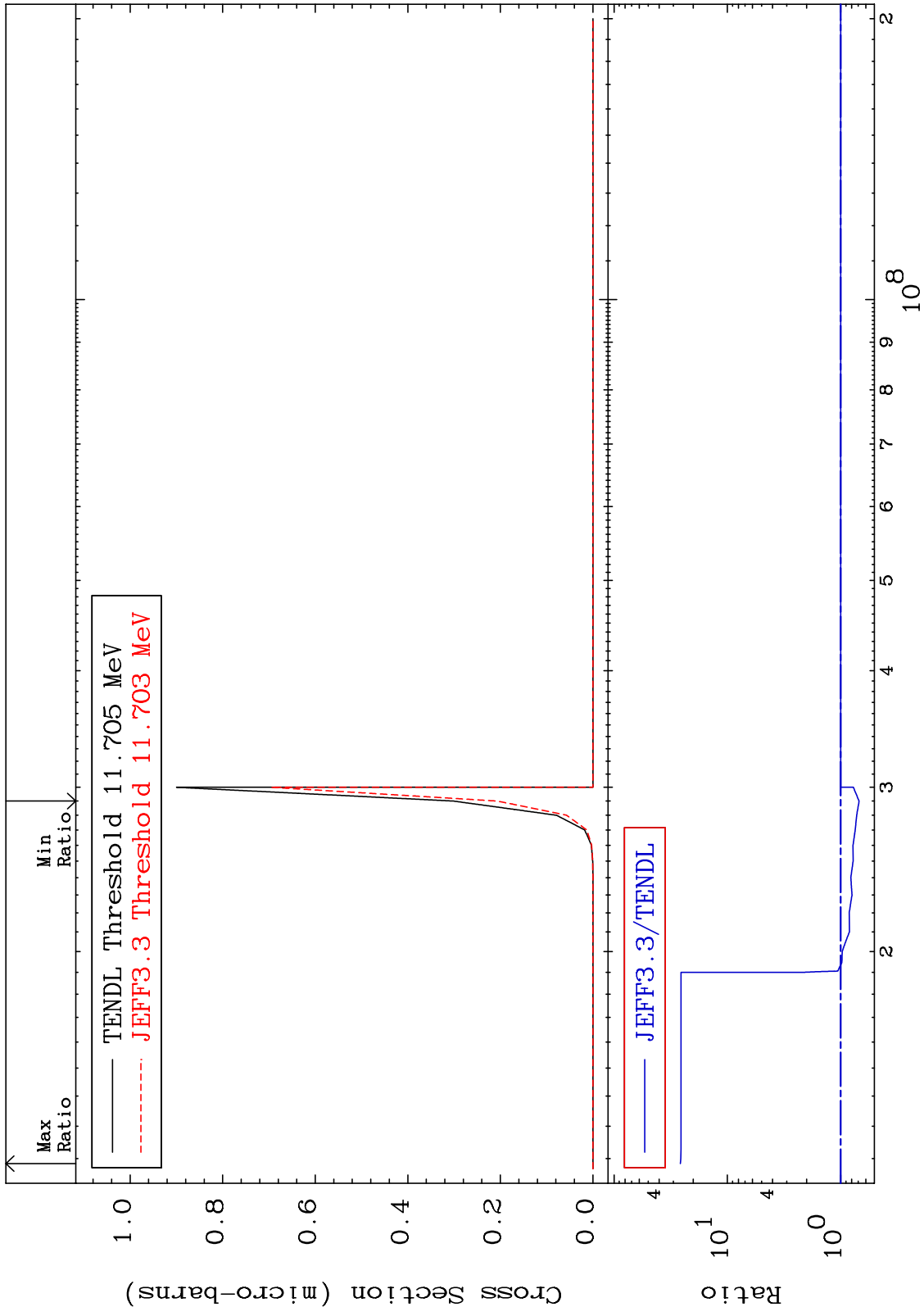
88-Ra-226

18

MAT 8834

(n, n') He-3
Cross Section

88-Ra-226
-31.17 To 2498. %



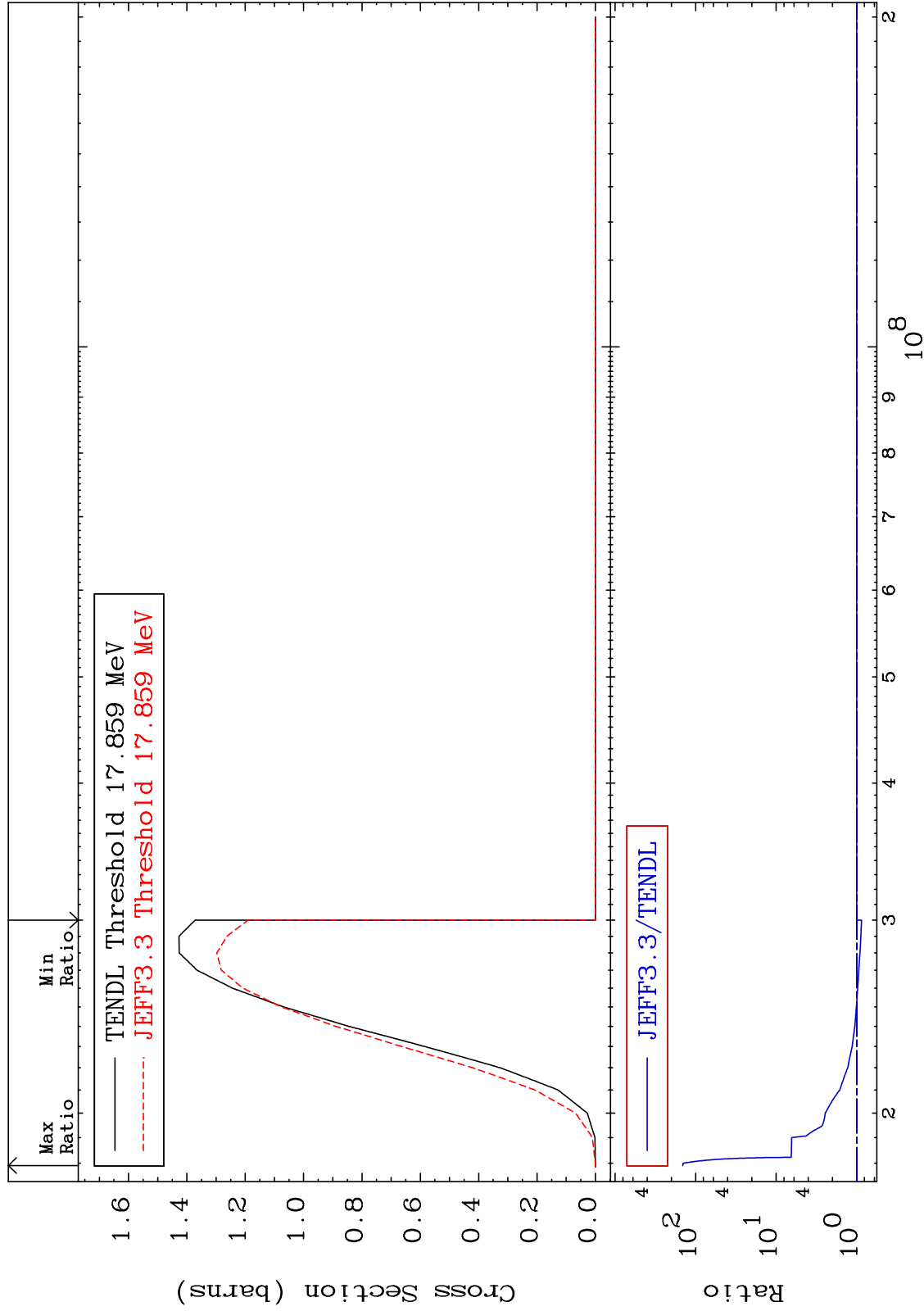
MAT 8834

(n, 4n)

88-Ra-226

Cross Section

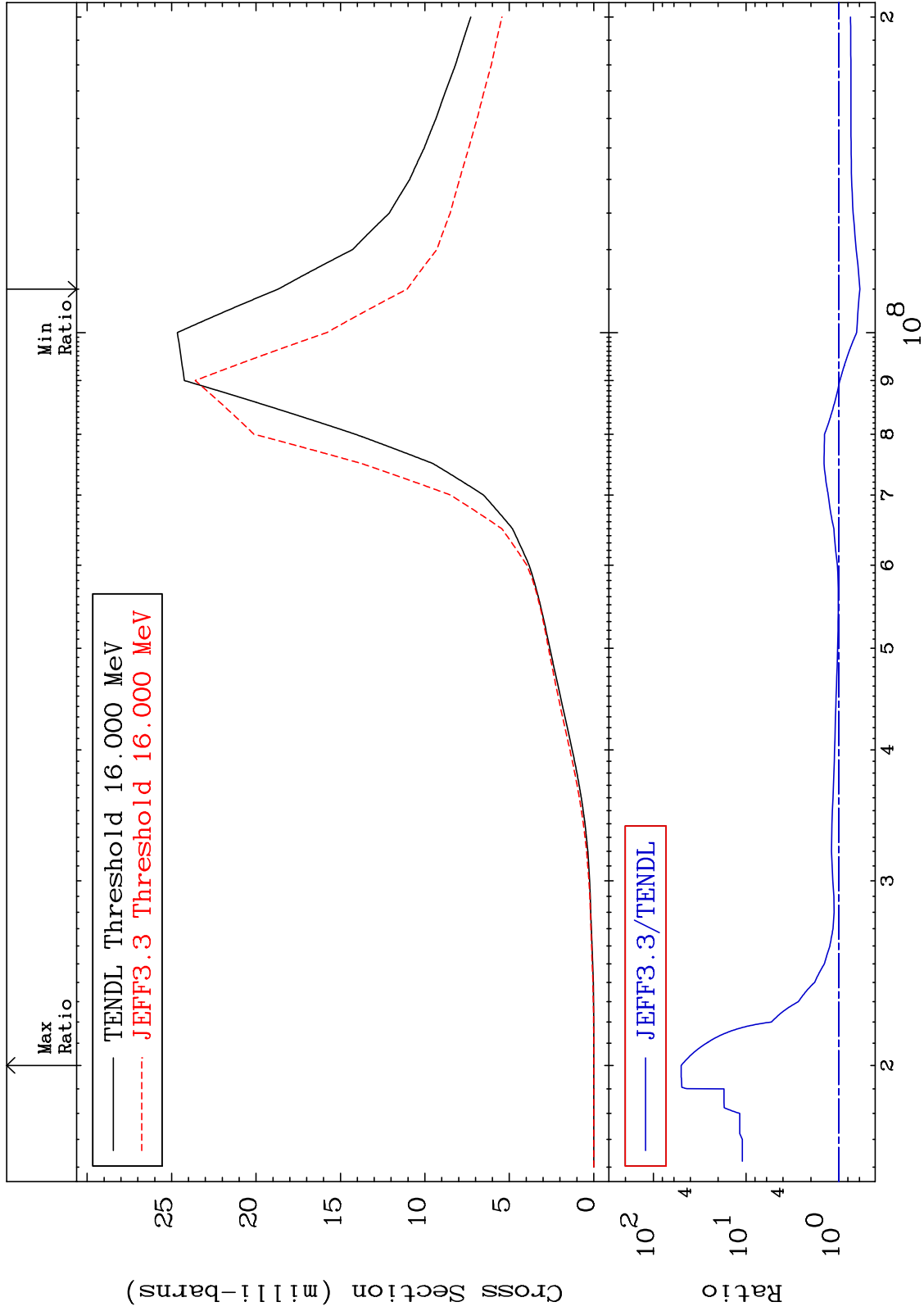
-13.22 To 9999. %



MAT 8834

(n,3nf) Fourth Chance
Cross Section

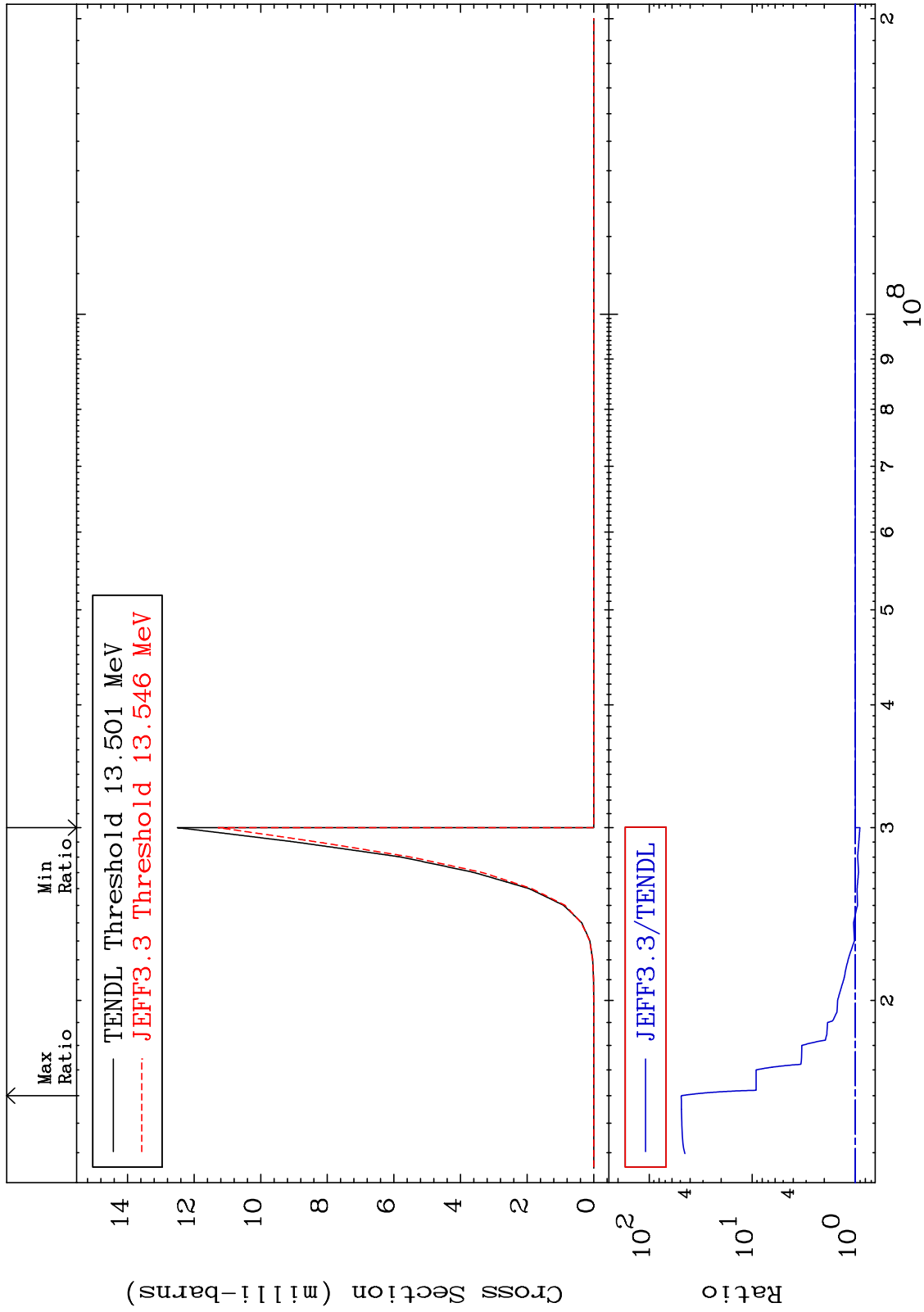
88-Ra-226
-40.87 To 4909. %



MAT 8834

(n,2n) p
Cross Section

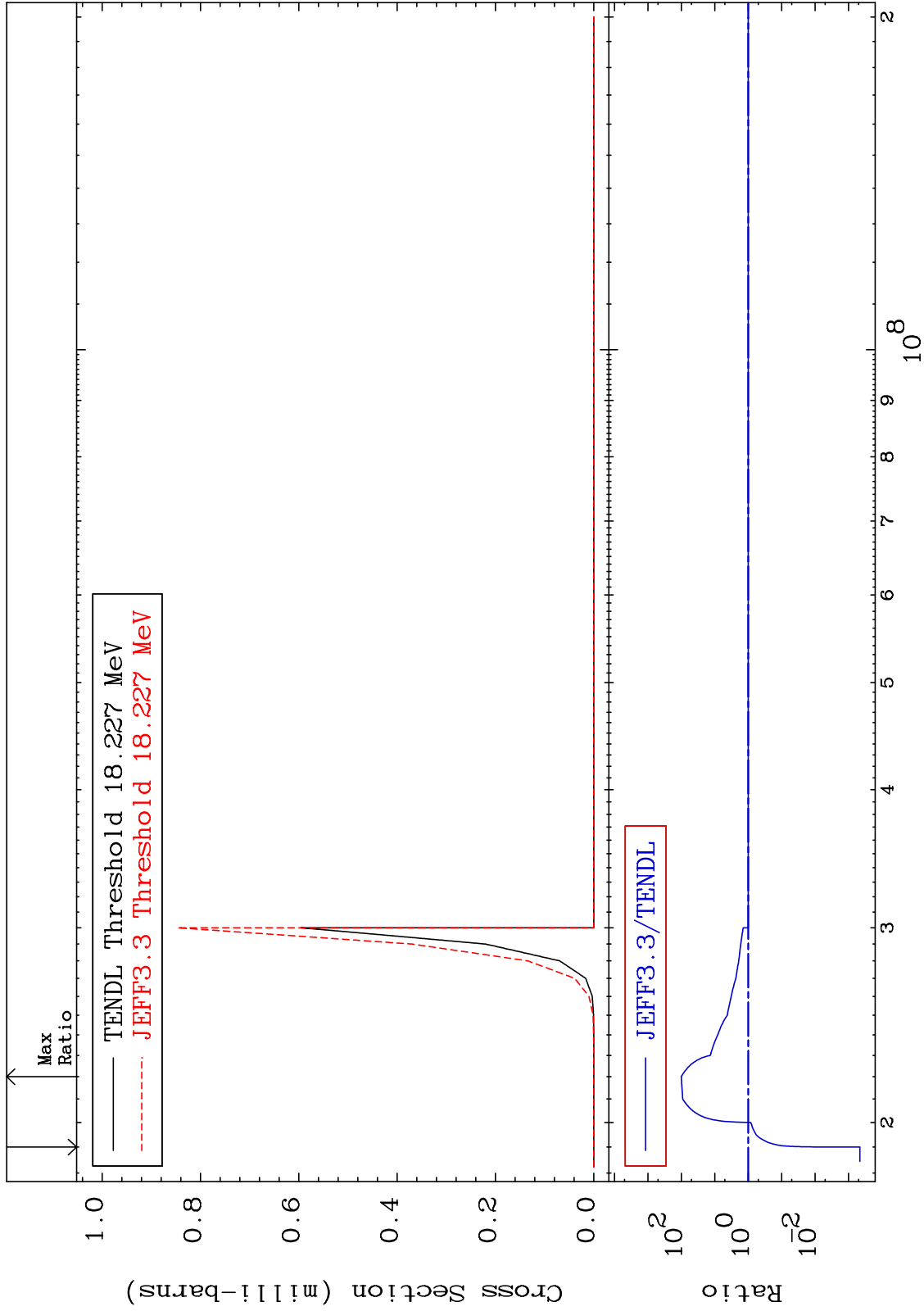
88-Ra-226
-9.795 To 4785. %



MAT 8834

(n,3n) p
Cross Section

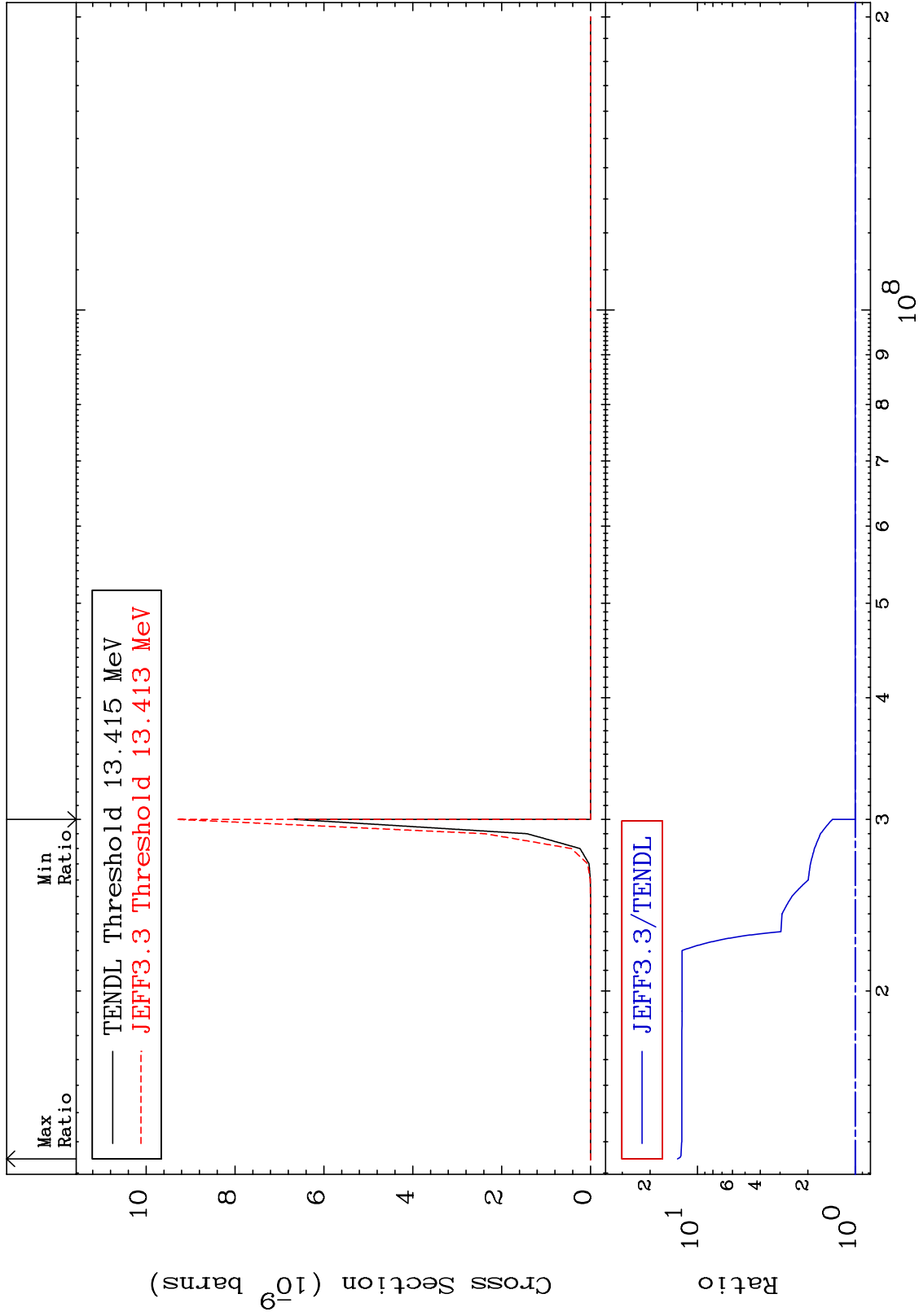
88-Ra-226
-99.95 To 9999. %



MAT 8834

(n,2n) p
Cross Section

88-Ra-226
To 1239. %
0.000



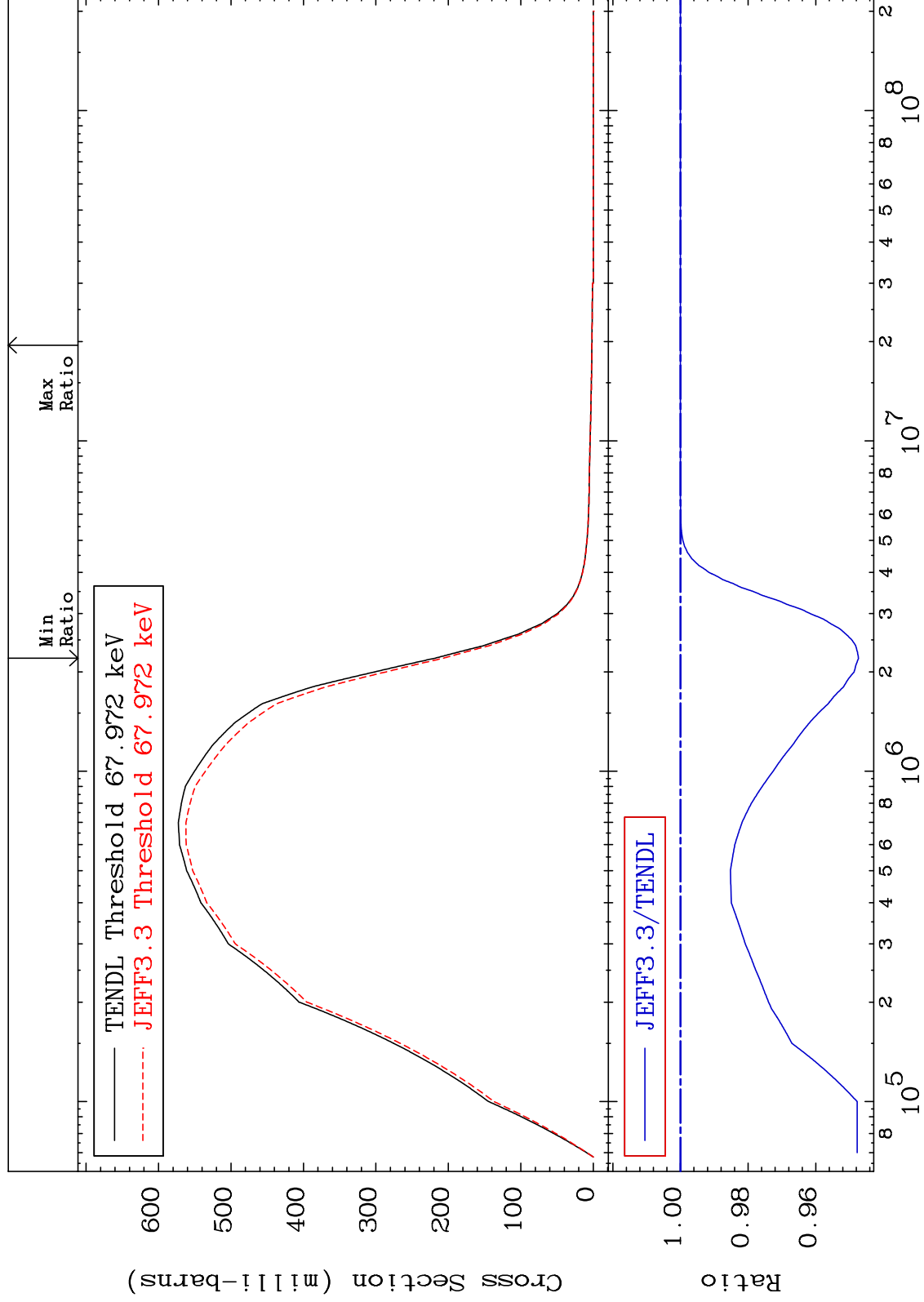
MAT 8834

MT= 51 (n,n') Level

88-Ra-226

-5.264 To 0.000 %

Cross Section

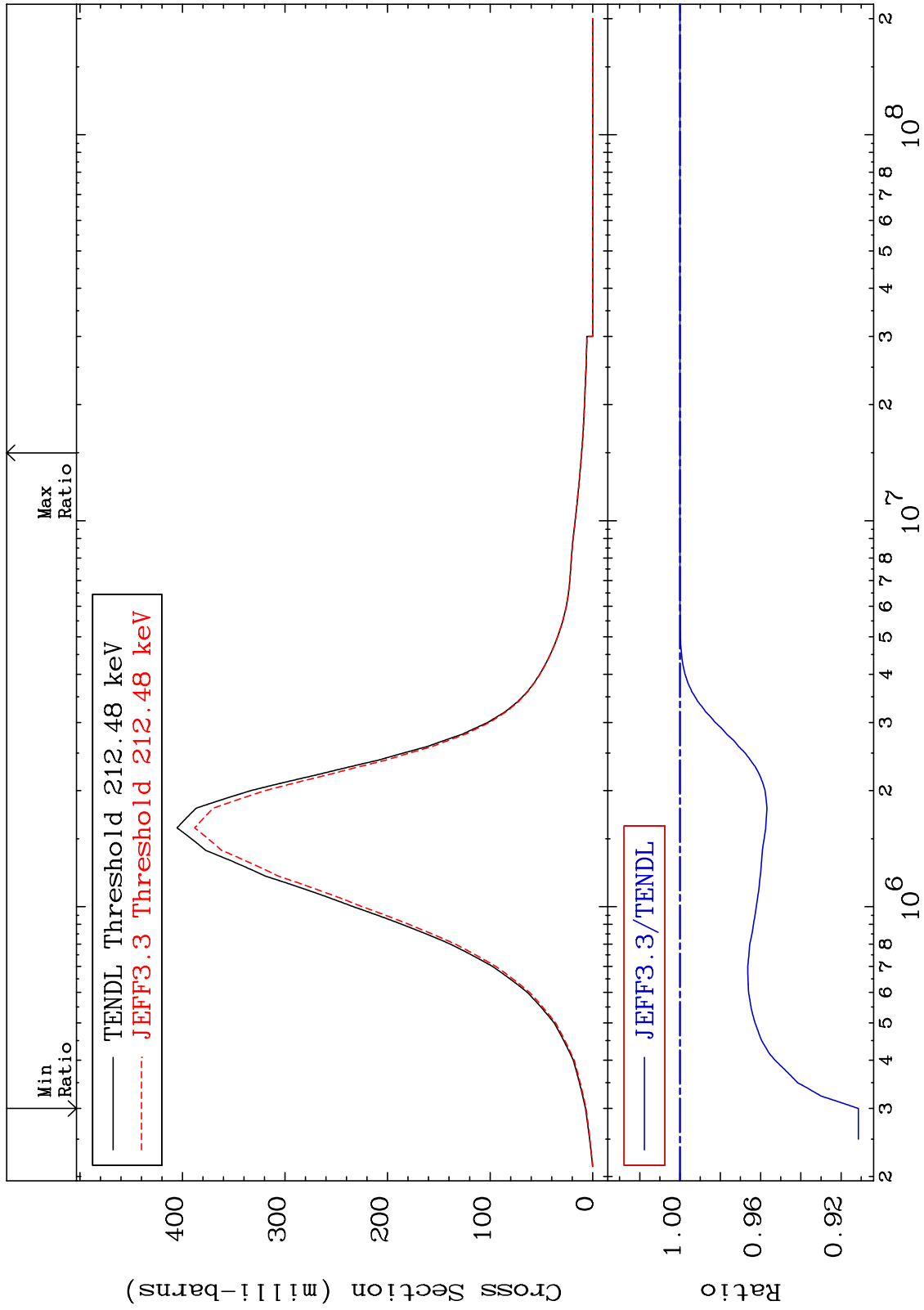


25

Incident Energy (eV)

88-Ra-226

MAT 8834 MT= 52 (n, n') Level Cross Section 88-Ra-226
 -8.859 To 0.000 %



Incident Energy (eV) 88-Ra-226

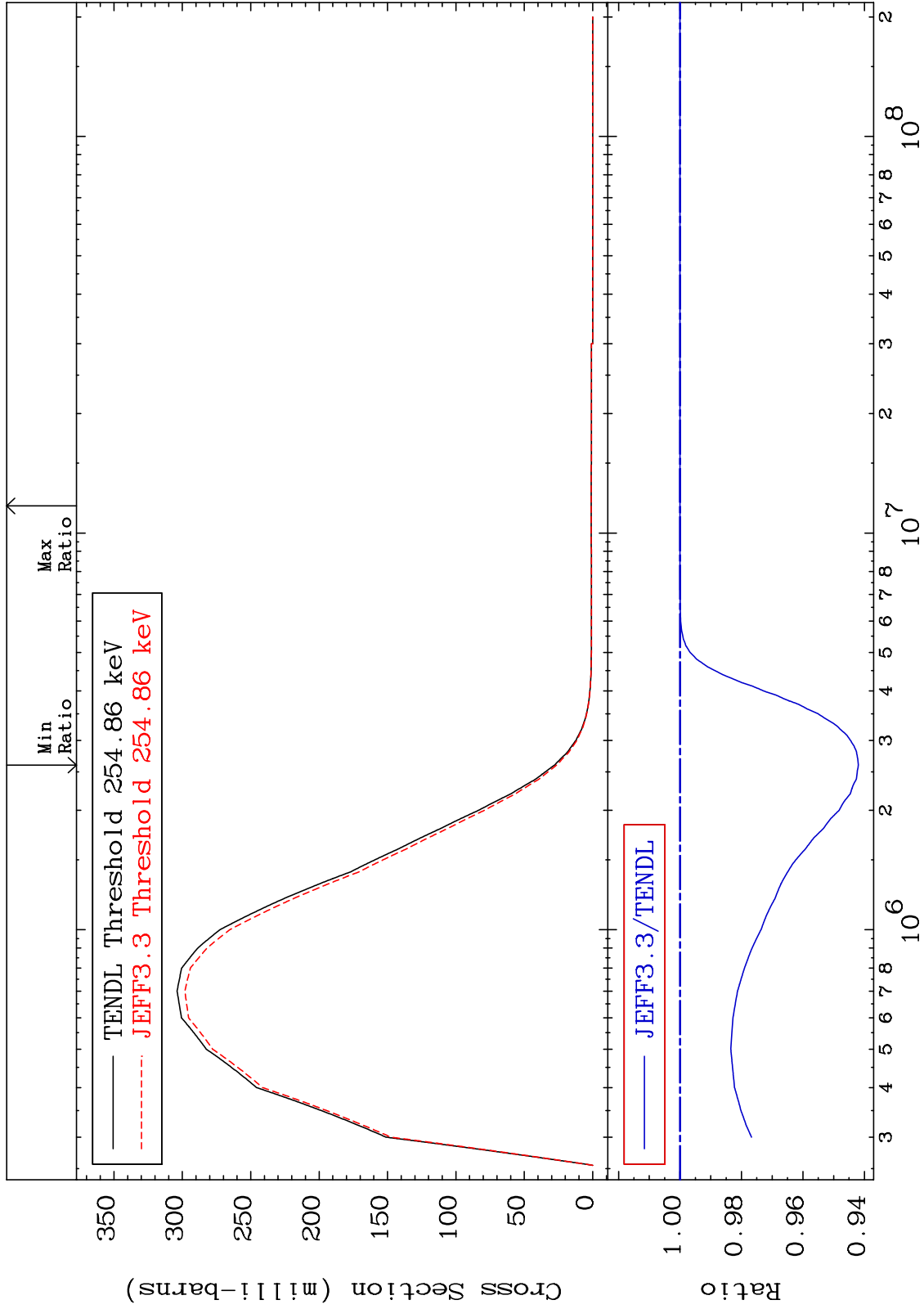
MAT 8834

MT= 53 (n, n') Level

88-Ra-226

-5.806 To 0.000 %

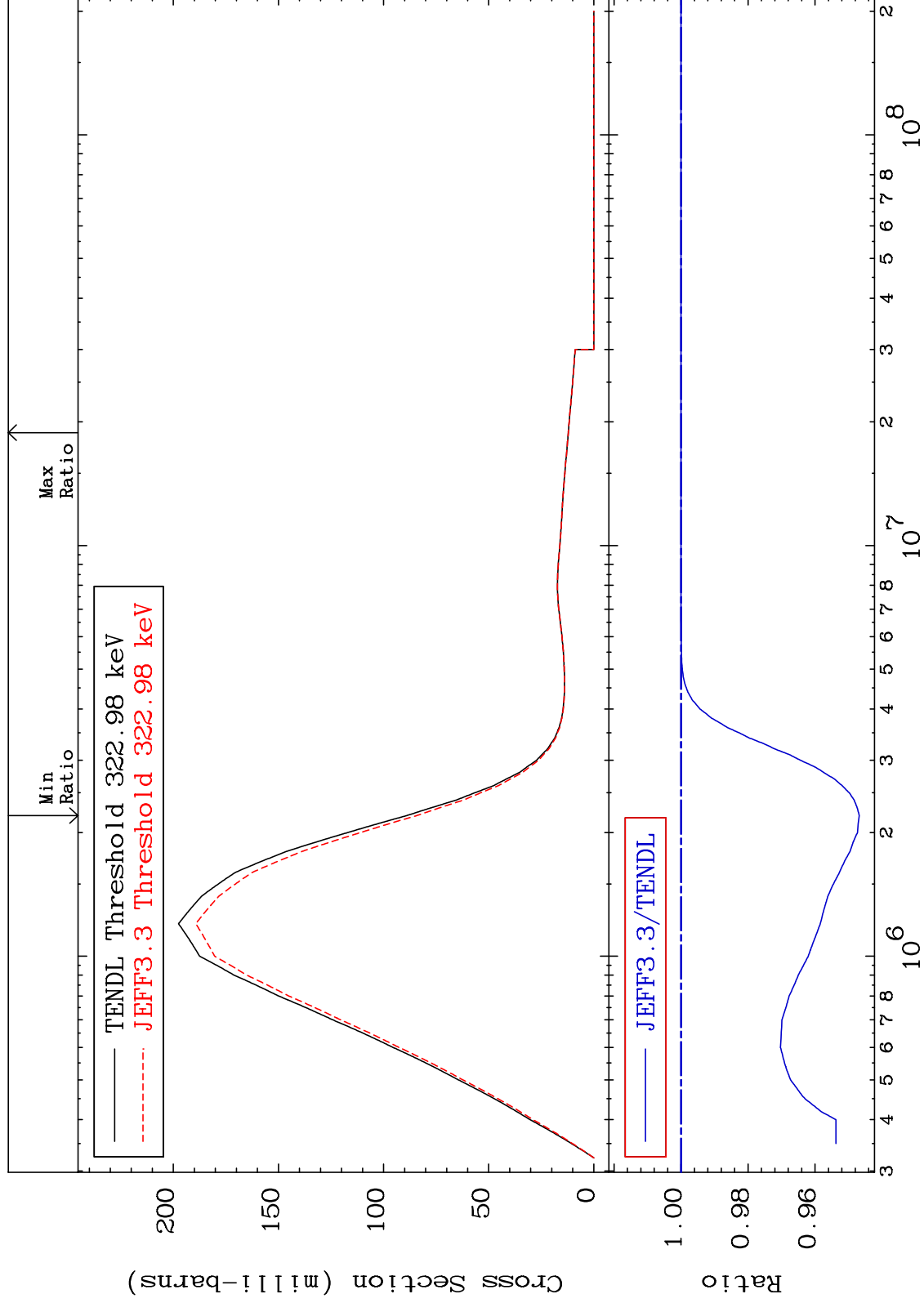
Cross Section



MAT 8834

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

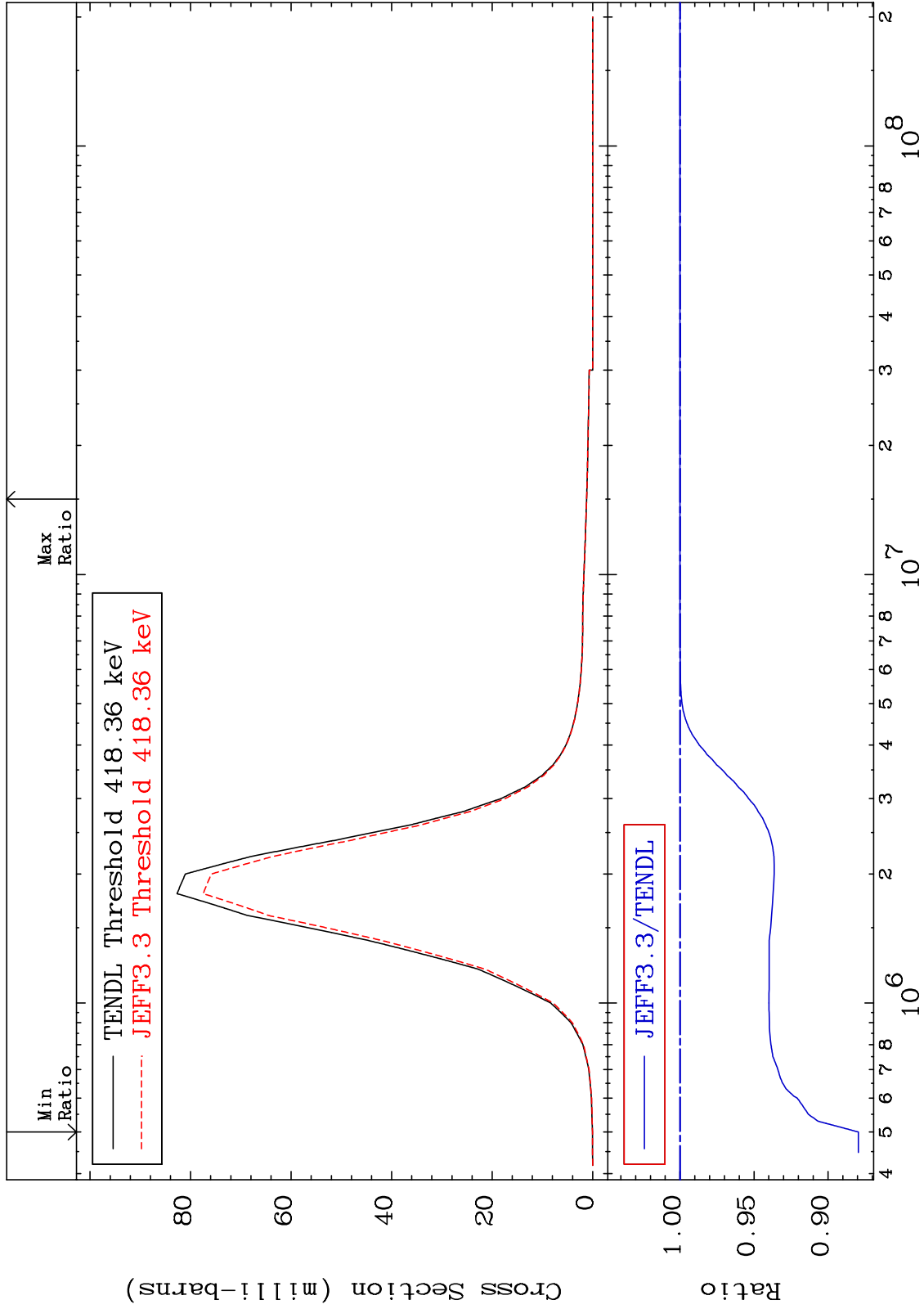
88-Ra-226
-5.319 To 0.000 %



MAT 8834

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

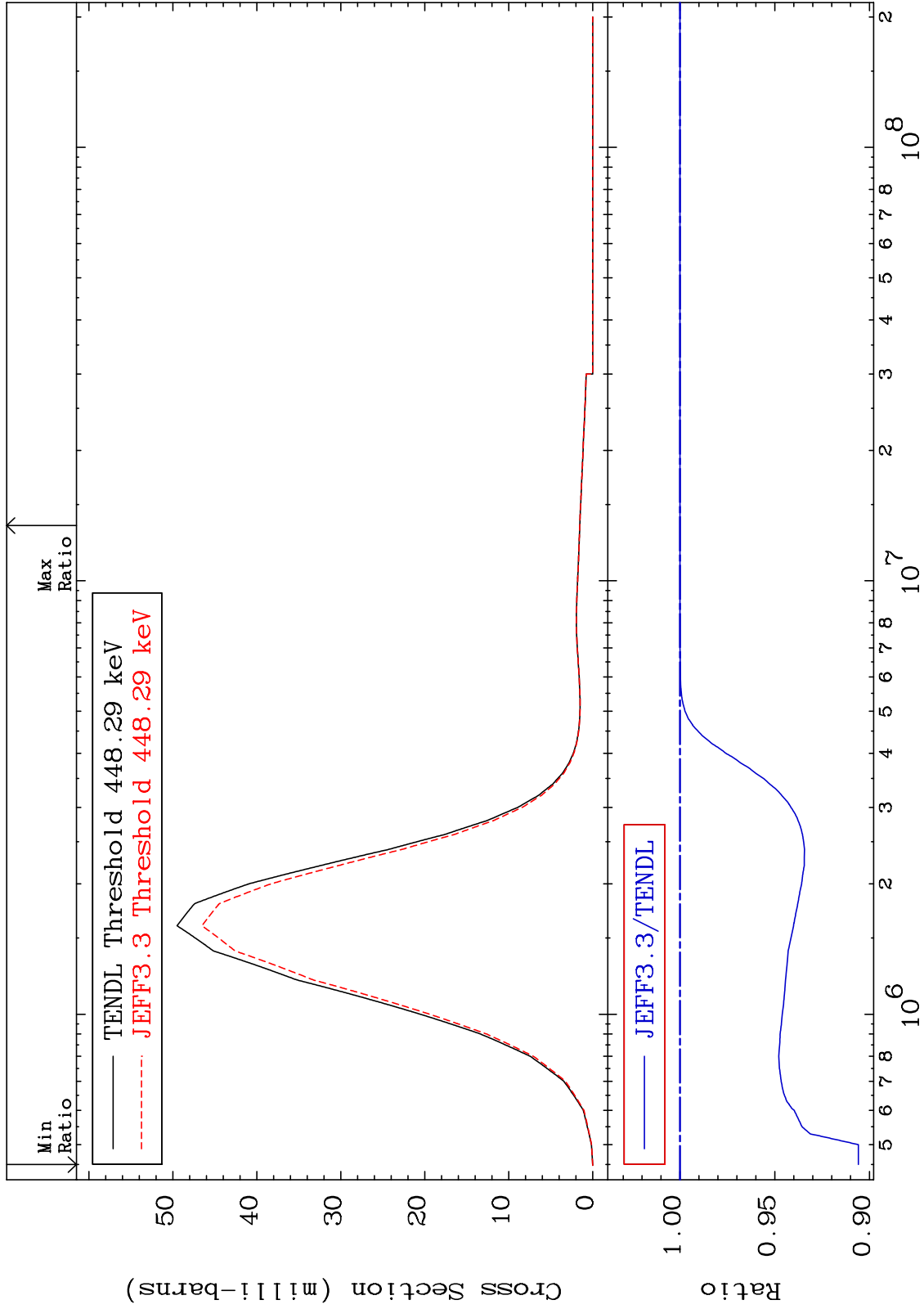
88-Ra-226
-12.06 To 0.000 %



MAT 8834

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

88-Ra-226
-9.411 To 0.000 %



30

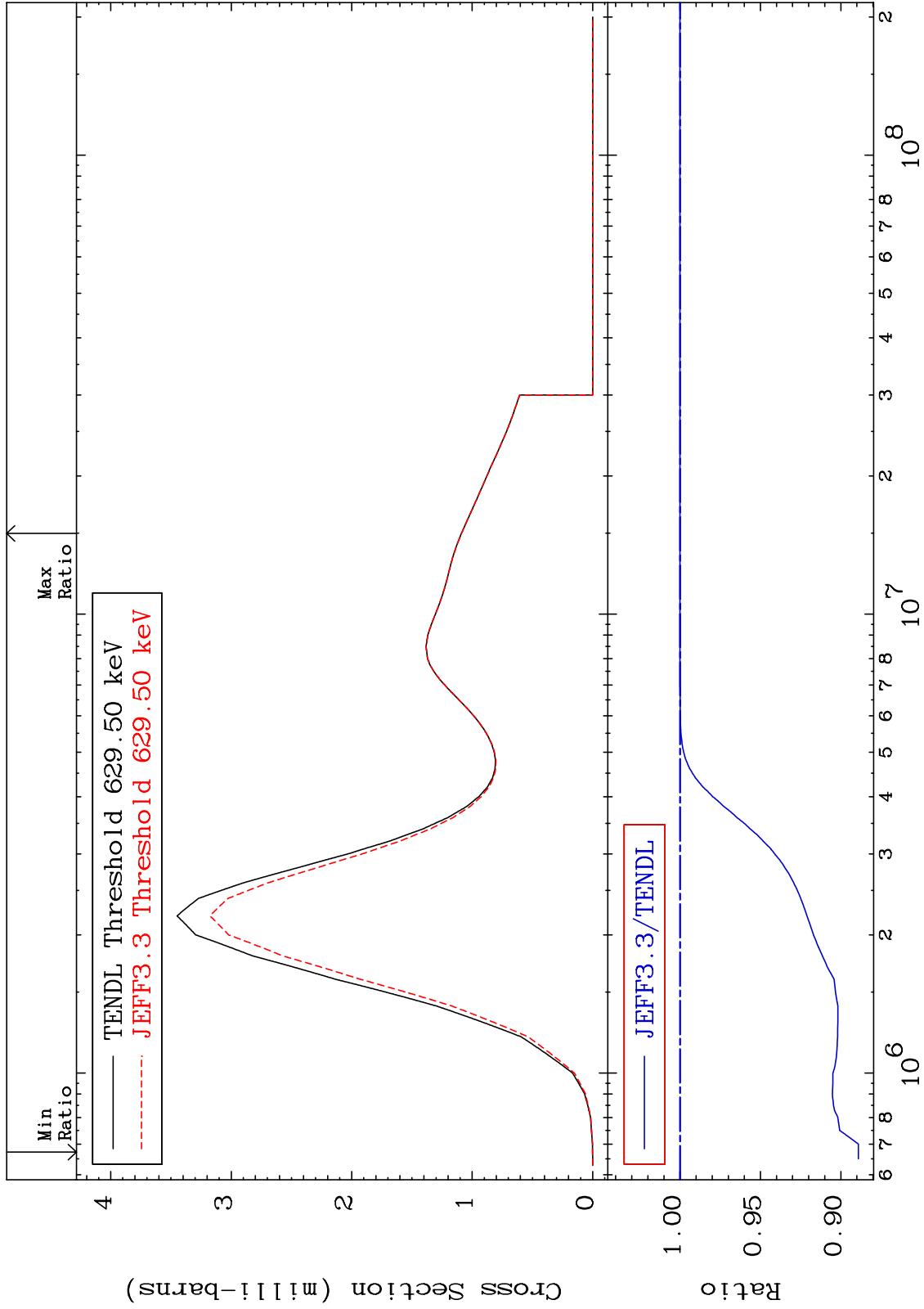
Incident Energy (eV)

88-Ra-226

MAT 8834

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

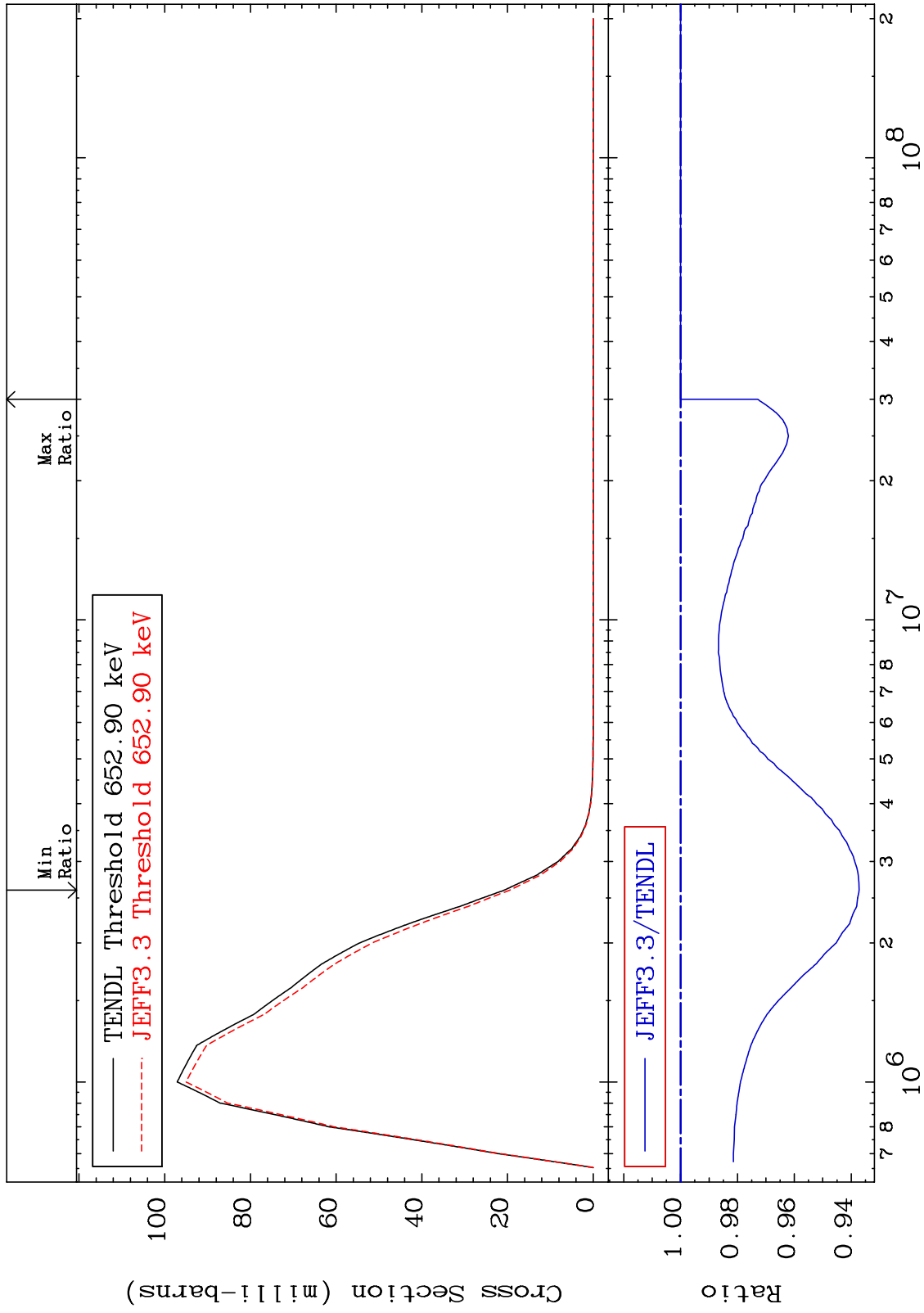
88-Ra-226
-11.09 To 0.000 %



MAT 8834

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

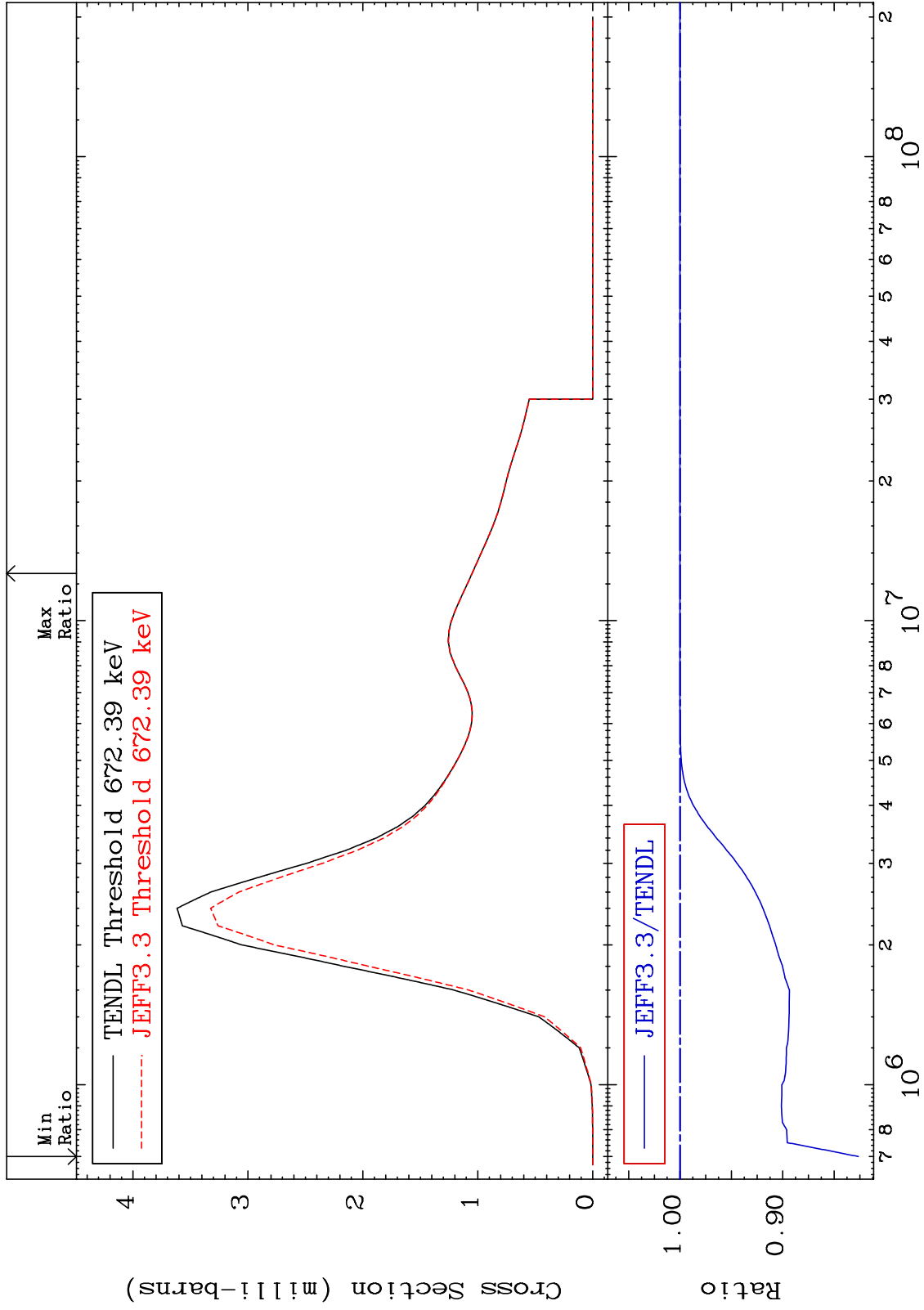
88-Ra-226
-6.281 To 0.000 %



MAT 8834

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

88-Ra-226
-17.36 To 0.000 %



33

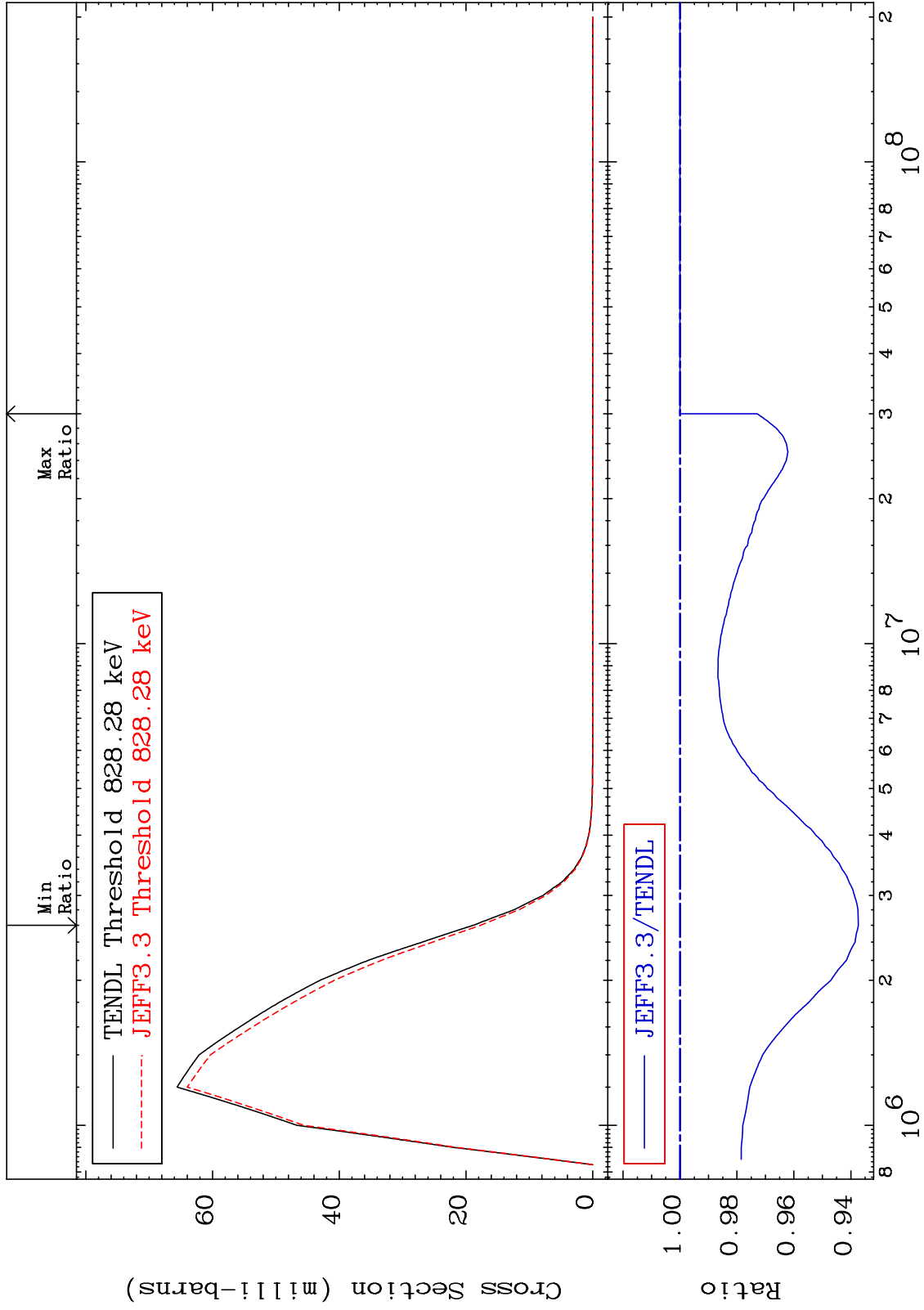
Incident Energy (eV)

88-Ra-226

MAT 8834

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

88-Ra-226
-6.266 To 0.000 %



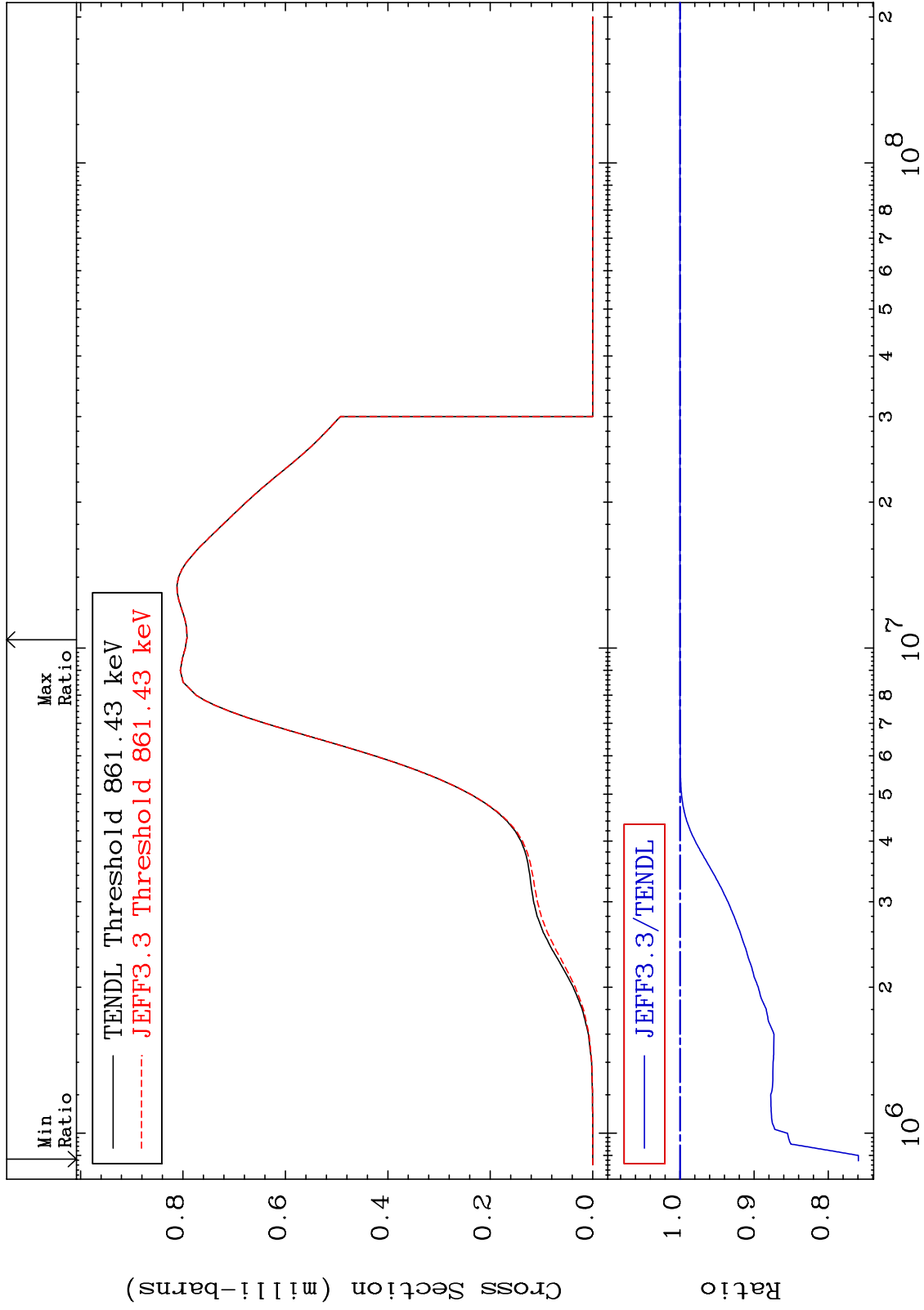
34

88-Ra-226

MAT 8834

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

88-Ra-226
-24.06 To 0.000 %



35

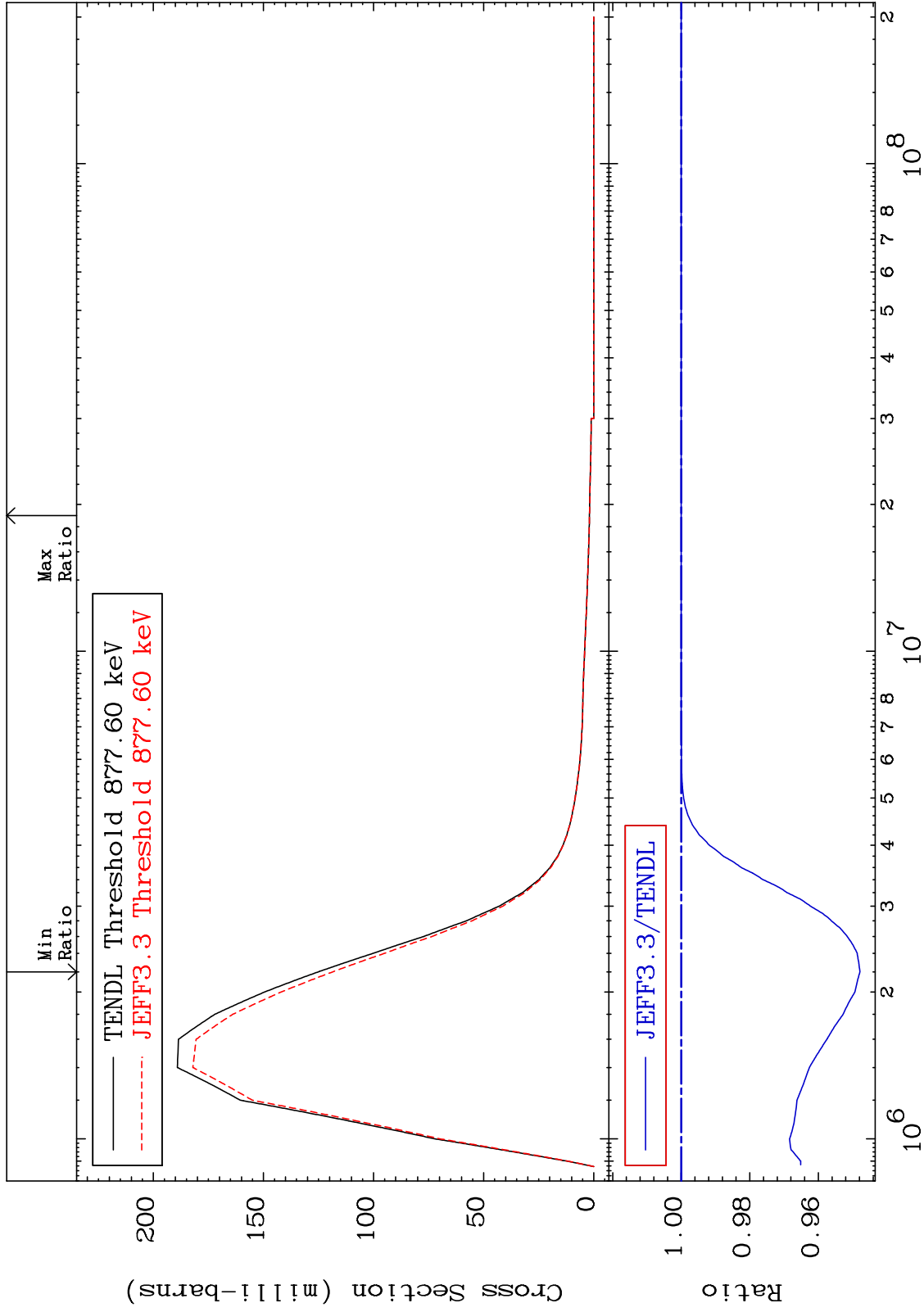
Incident Energy (eV)

88-Ra-226

MAT 8834

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

88-Ra-226
-5.214 To 0.000 %



36

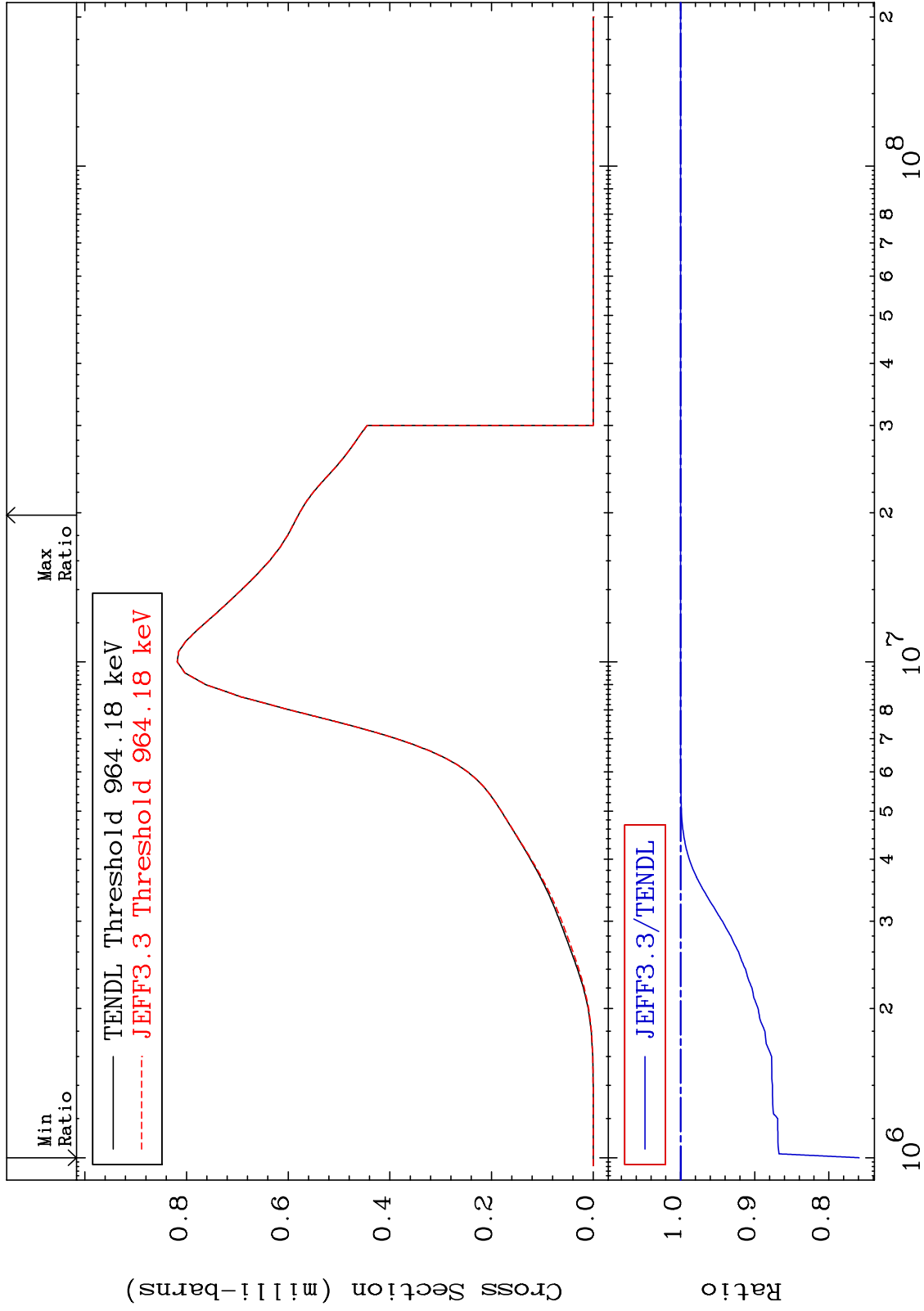
Incident Energy (eV)

88-Ra-226

MAT 8834

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

88-Ra-226
-24.09 To 0.000 %



37

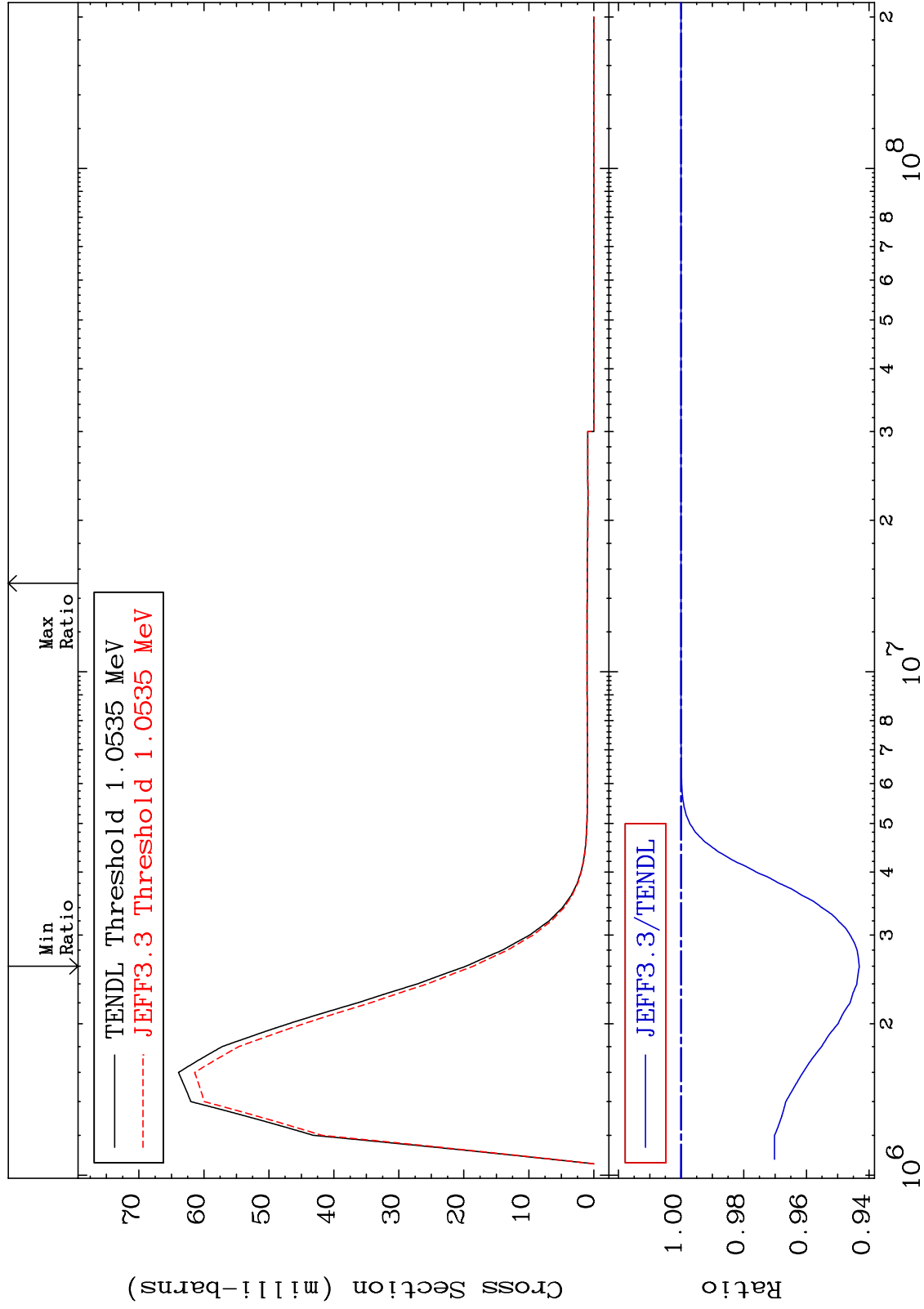
Incident Energy (eV)

88-Ra-226

MAT 8834

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

88-Ra-226
-5.687 To 0.000 %



Incident Energy (eV)

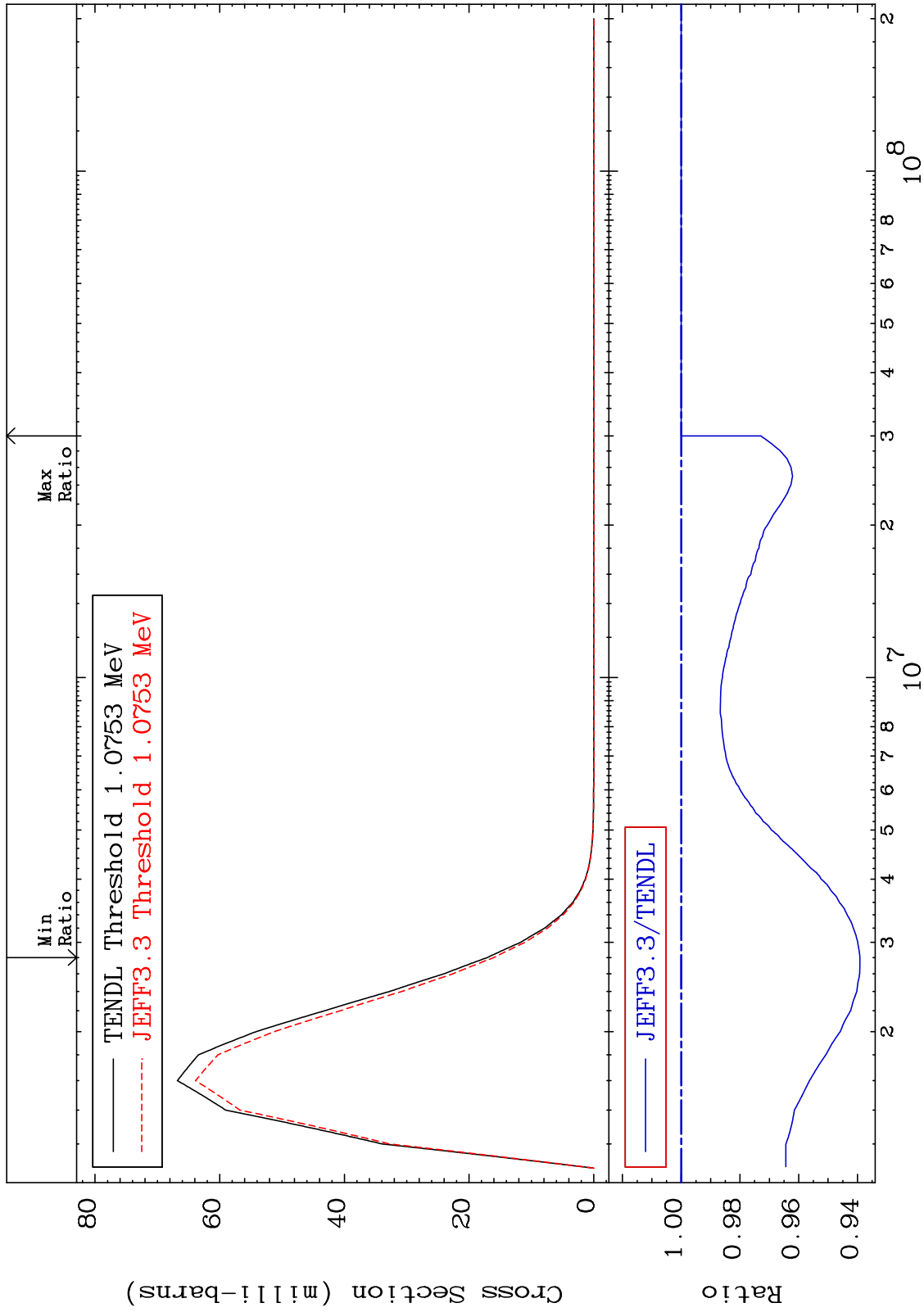
88-Ra-226

38

MAT 8834

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

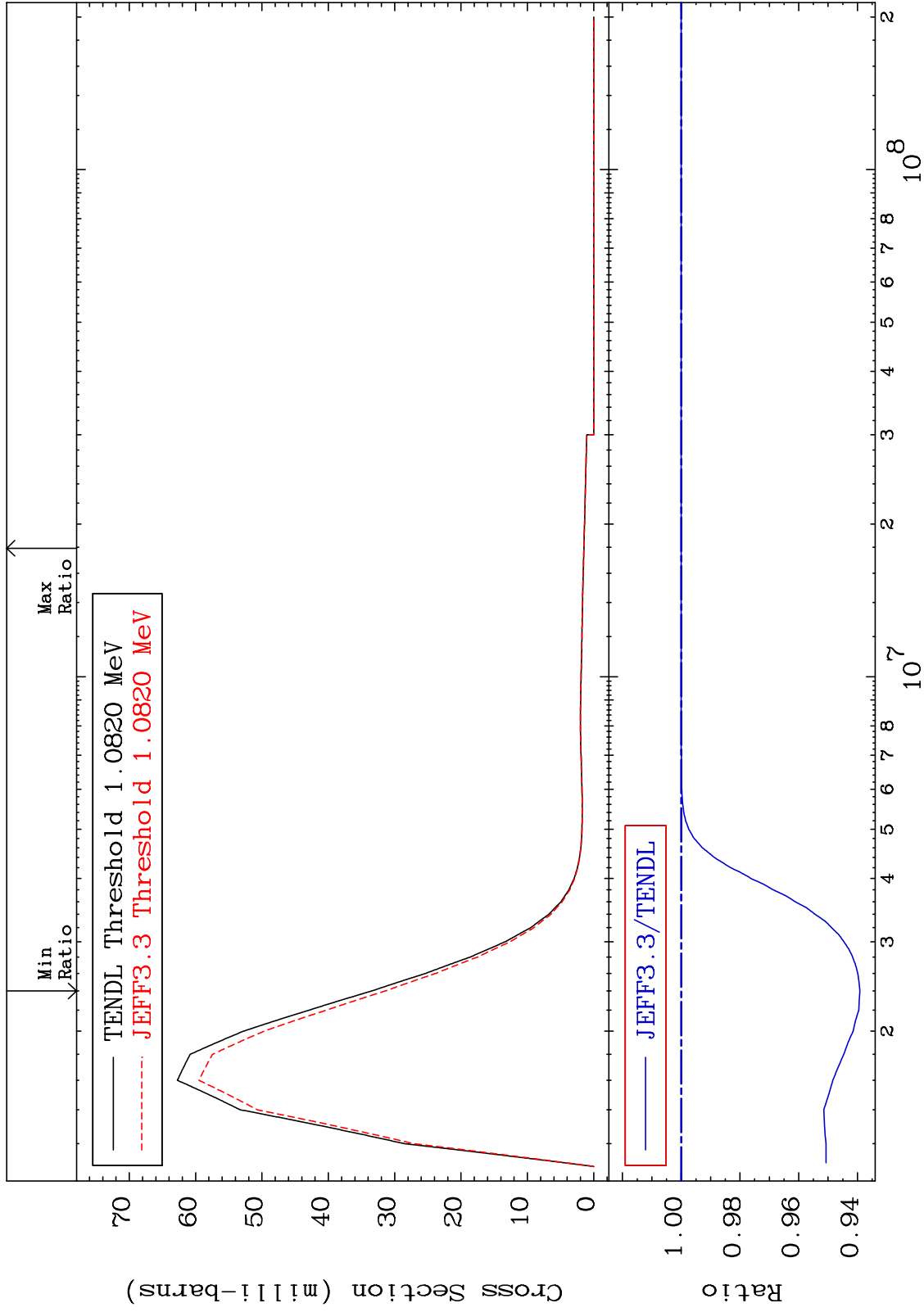
88-Ra-226
-6.084 To 0.000 %



MAT 8834

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

88-Ra-226
-6.084 To 0.000 %



40

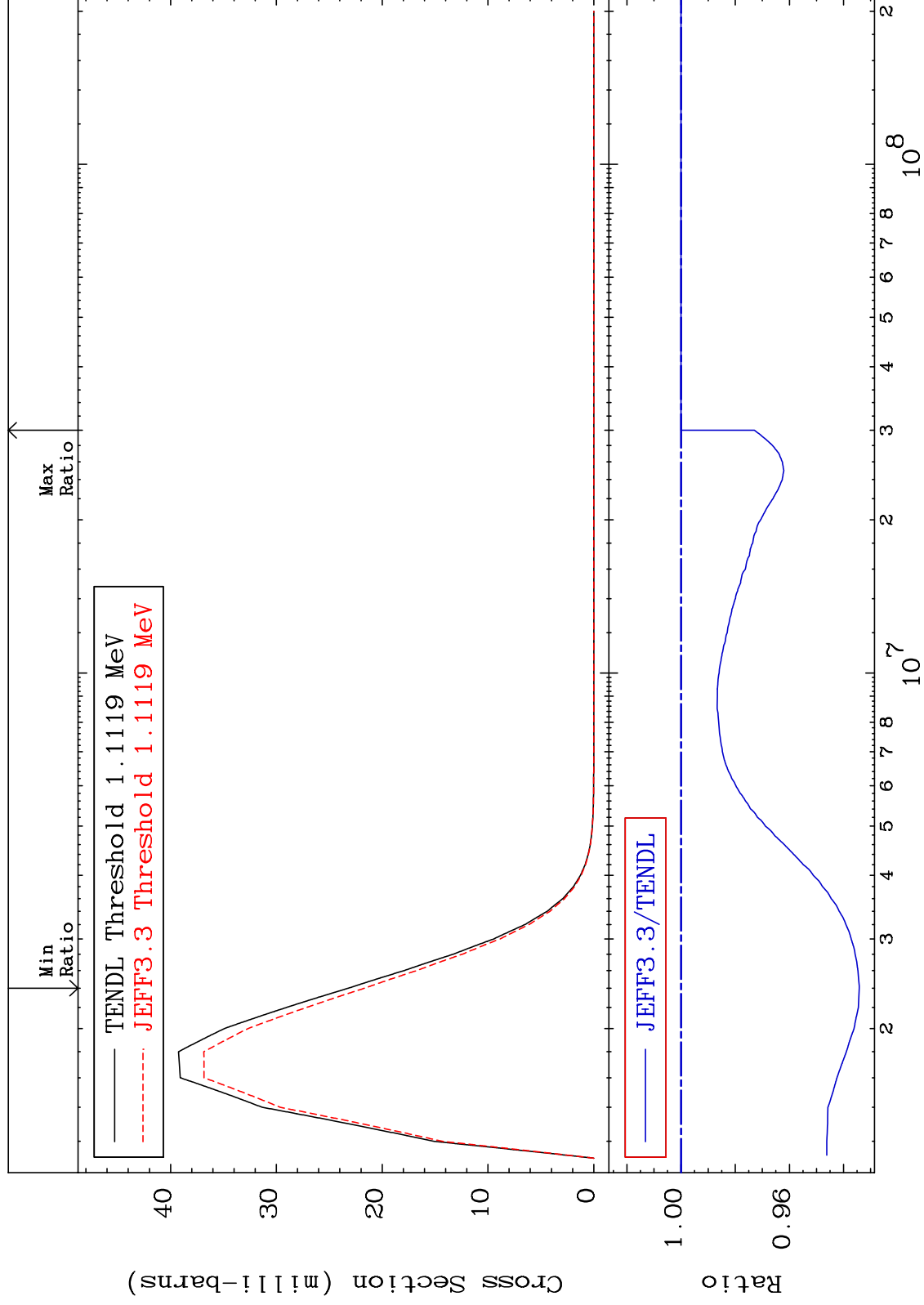
Incident Energy (eV)

88-Ra-226

MAT 8834

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

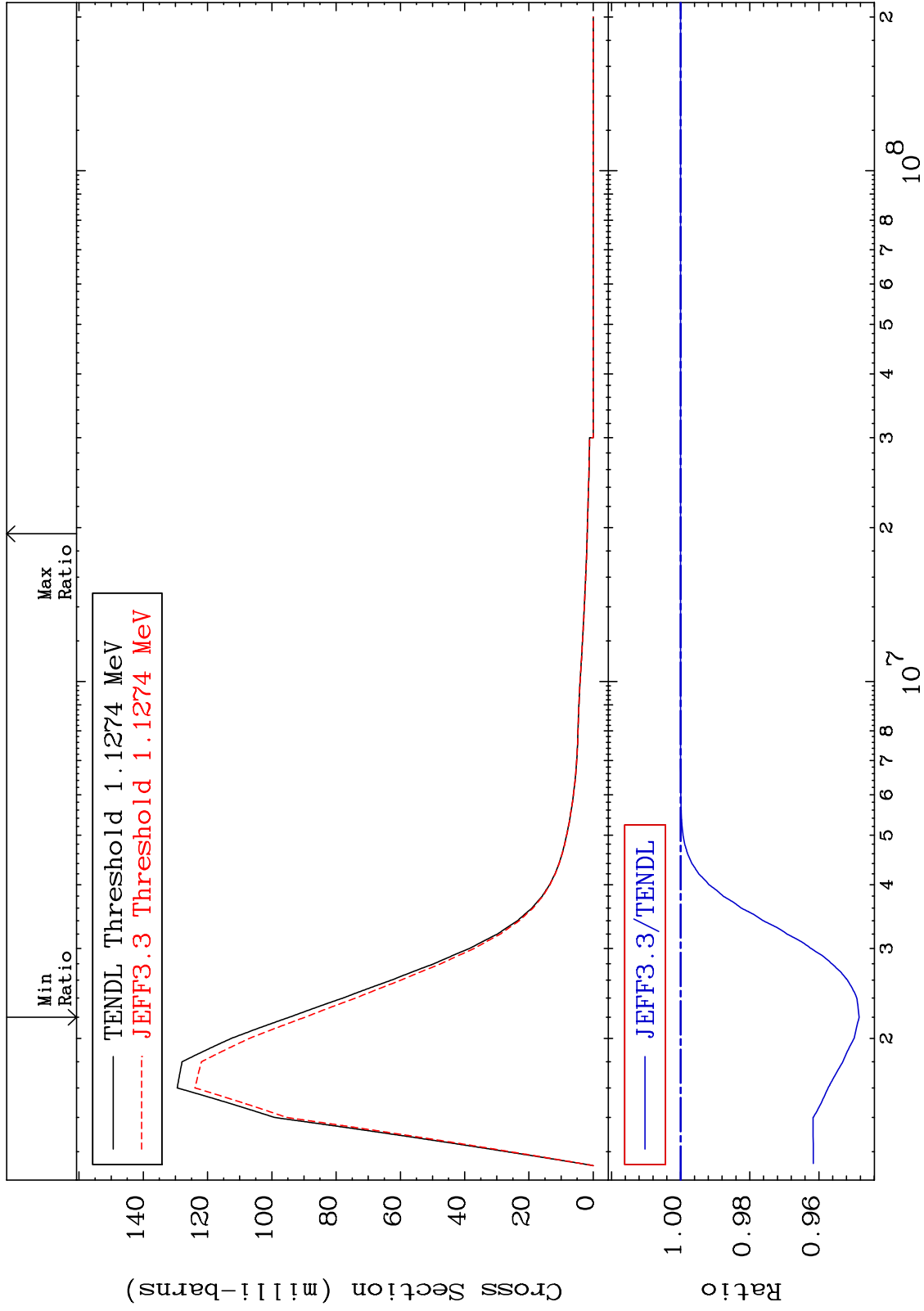
88-Ra-226
-6.580 To 0.000 %



MAT 8834

MT= 68 (n, n') Level
Cross Section

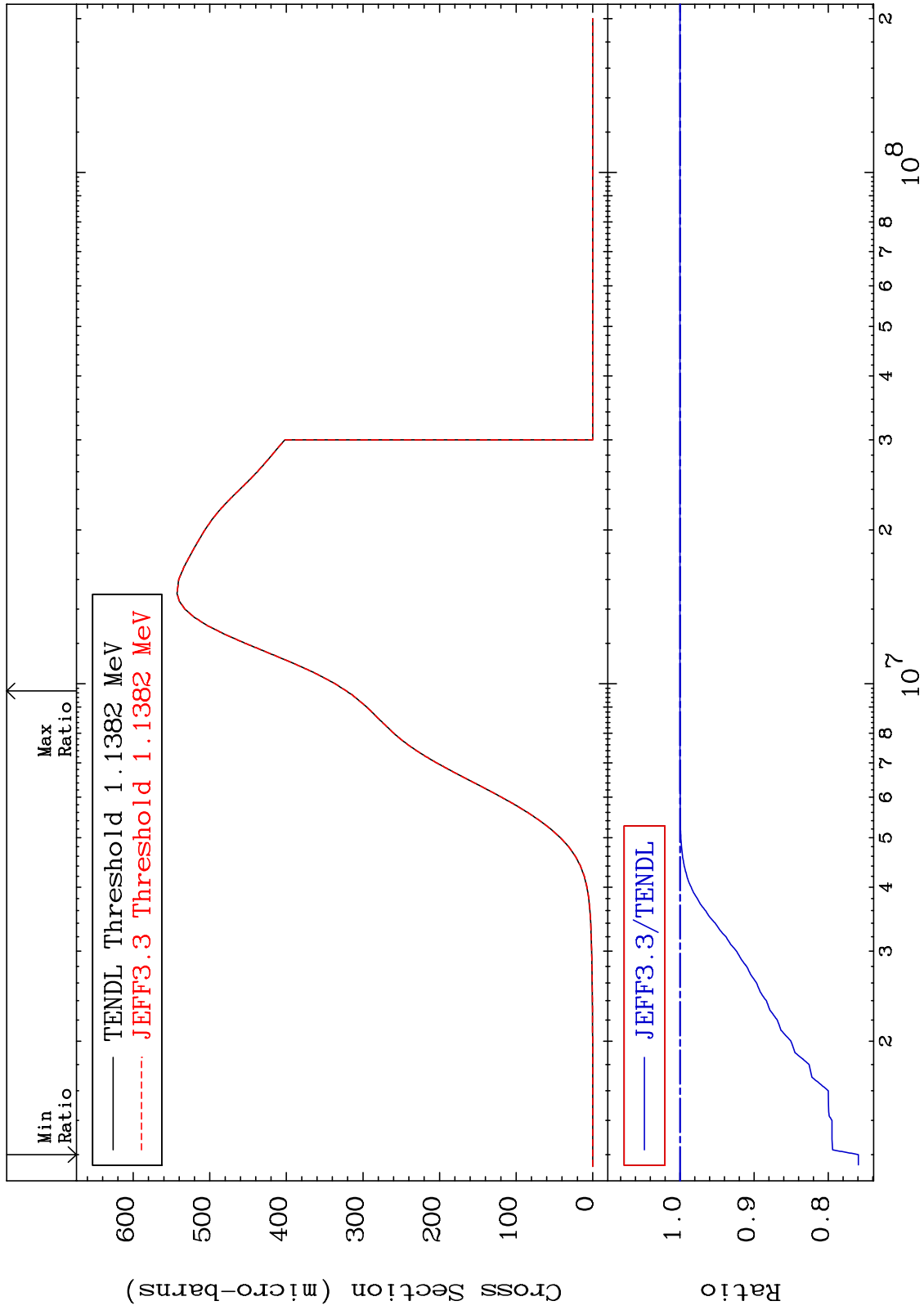
88-Ra-226
-5.165 To 0.000 %



MAT 8834

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

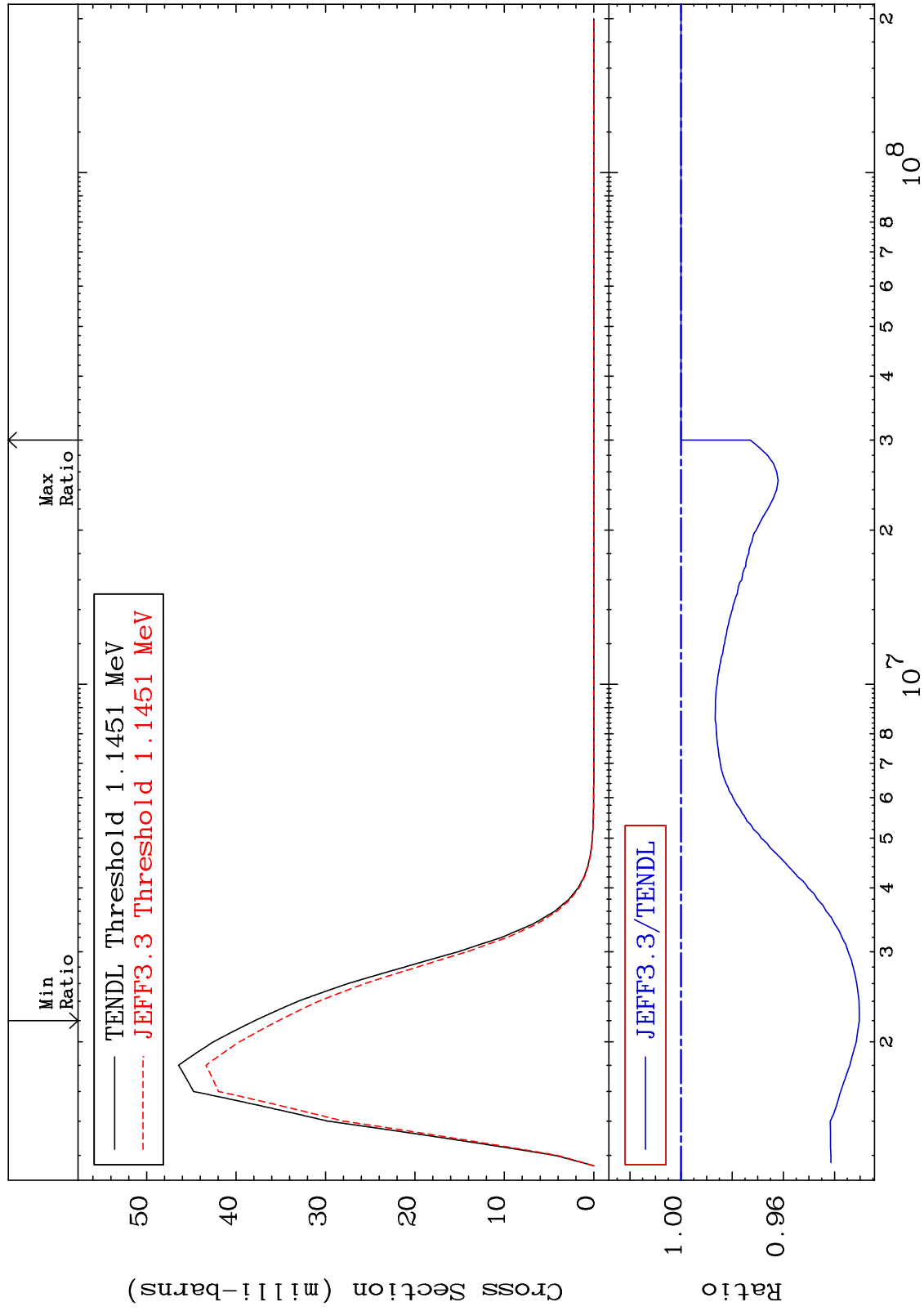
88-Ra-226
-24.05 To 0.000 %



MAT 8834

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

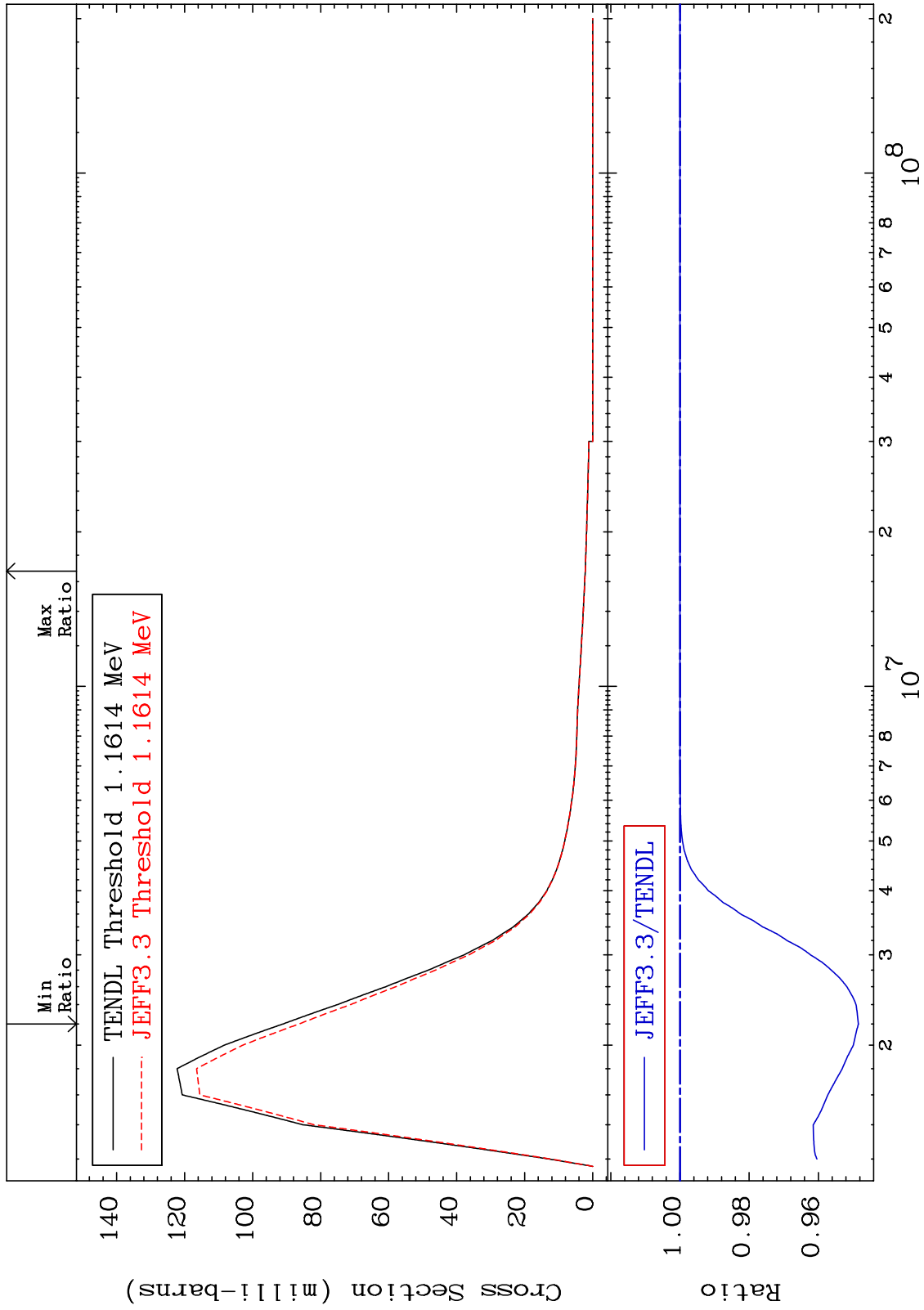
88-Ra-226
-6.968 To 0.000 %



MAT 8834

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

88-Ra-226
-5.158 To 0.000 %



45

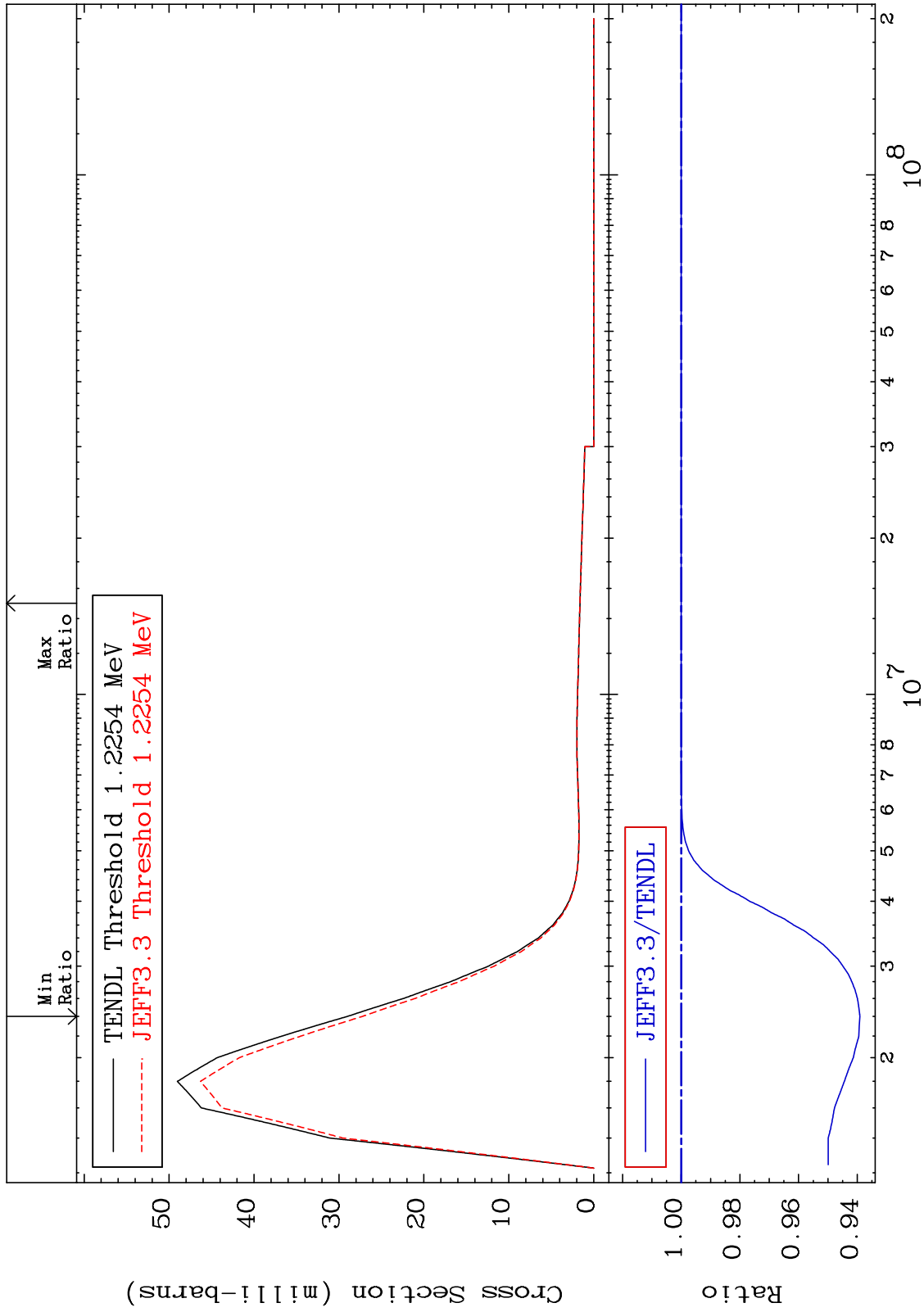
Incident Energy (eV)

88-Ra-226

MAT 8834

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

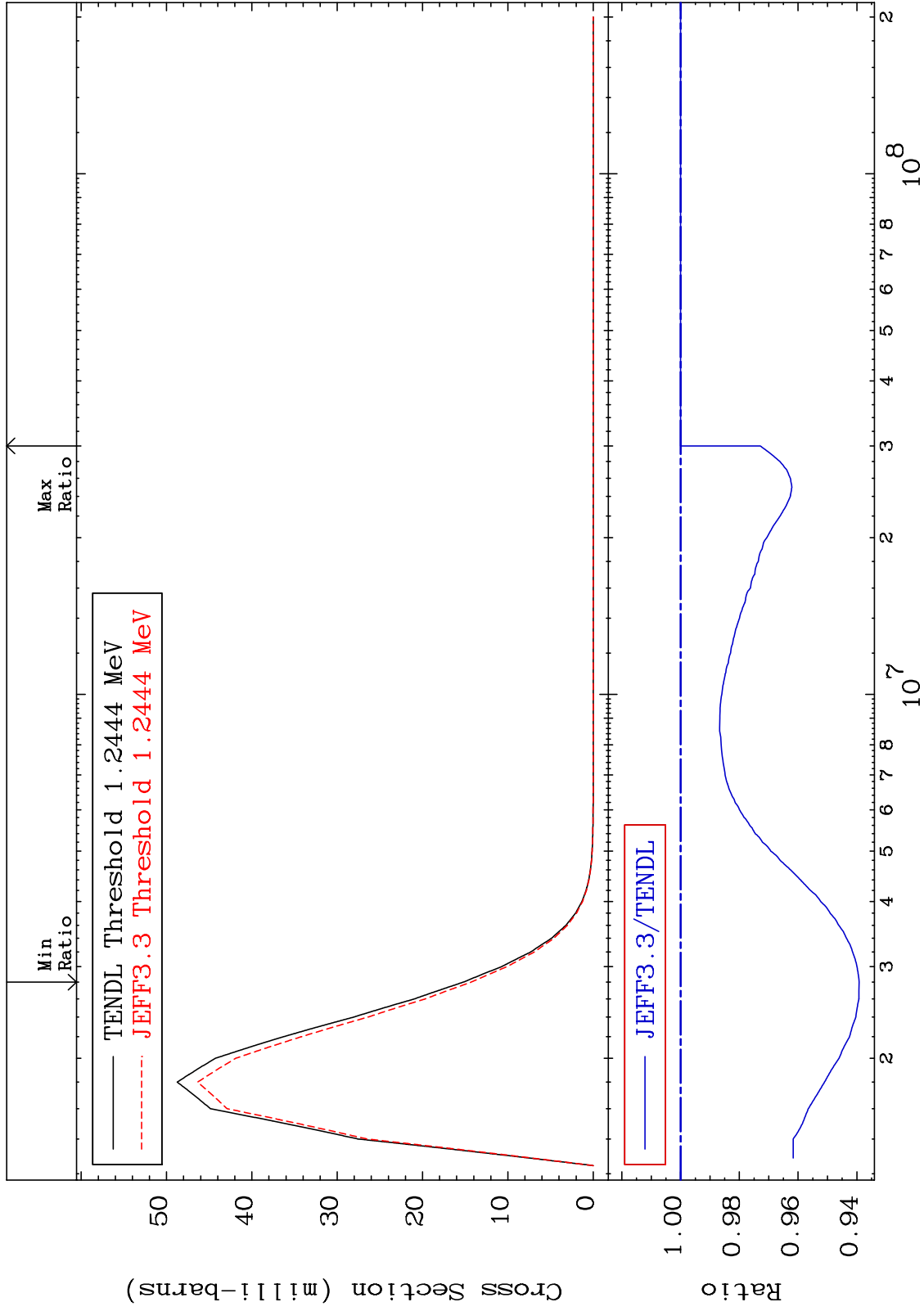
88-Ra-226
-6.090 To 0.000 %



MAT 8834

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

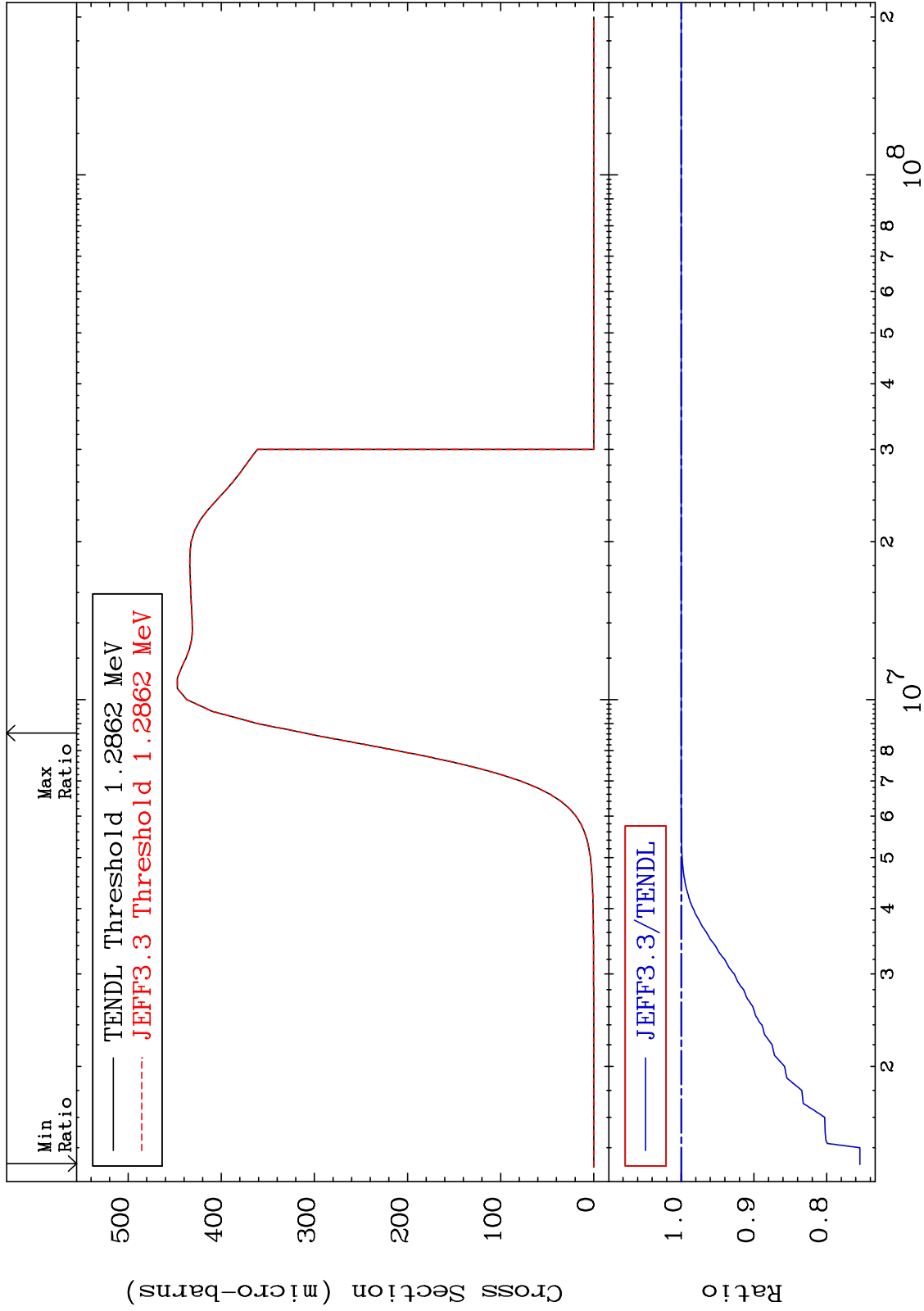
88-Ra-226
-6.079 To 0.000 %



MAT 8834

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

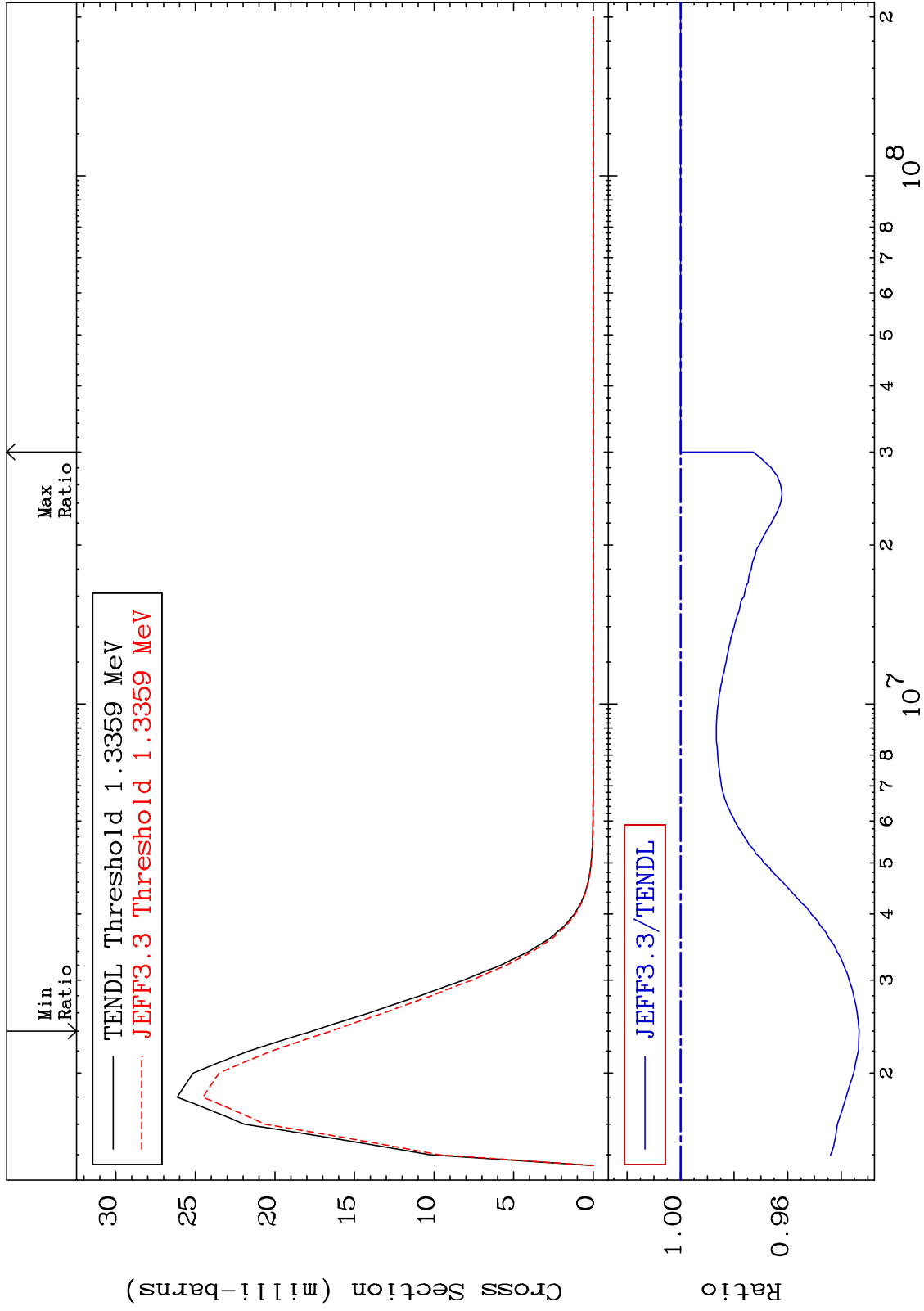
88-Ra-226
-24.57 To 0.000 %



MAT 8834

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

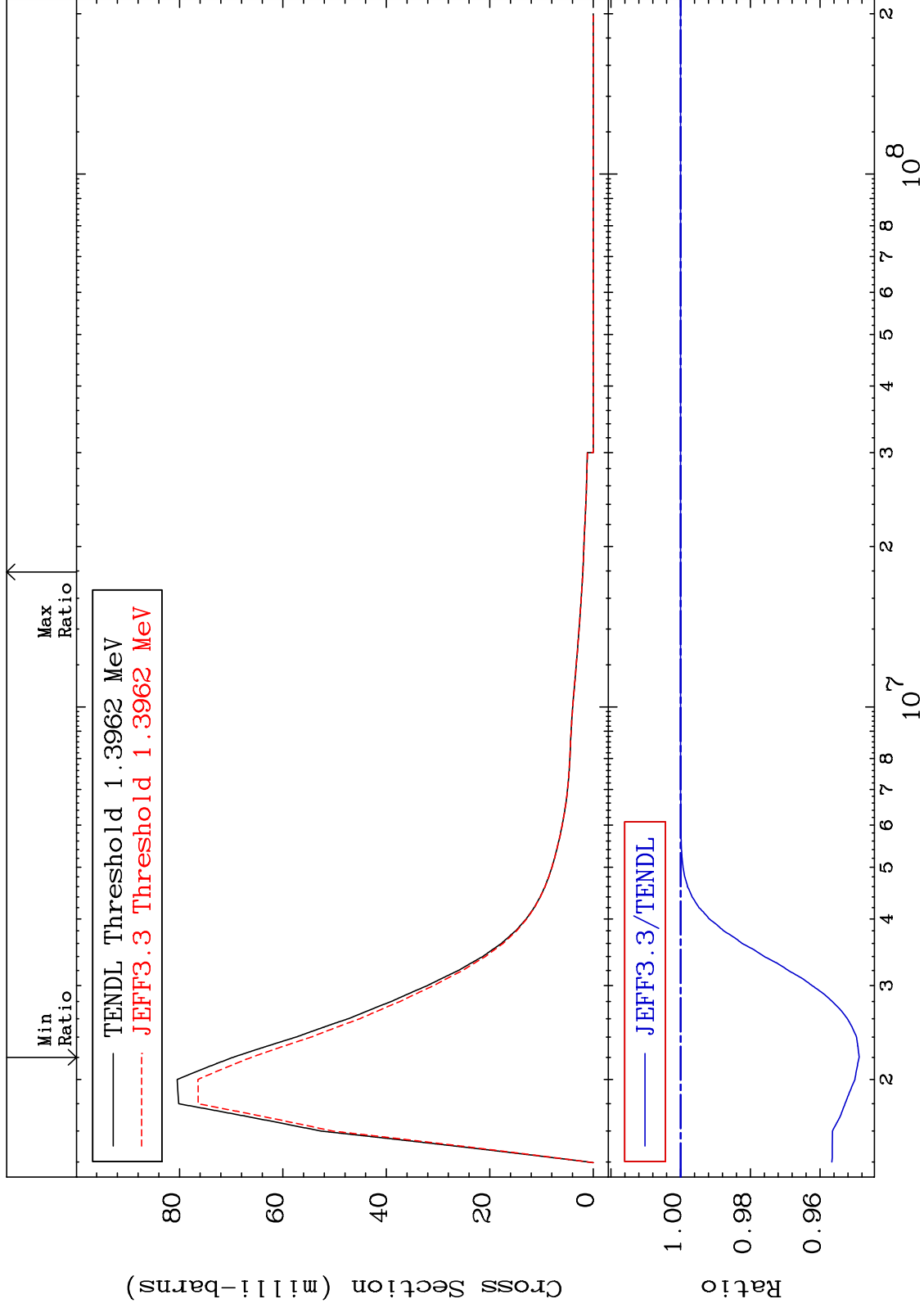
88-Ra-226
-6.672 To 0.000 %



MAT 8834

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

88-Ra-226
-5.122 To 0.000 %



50

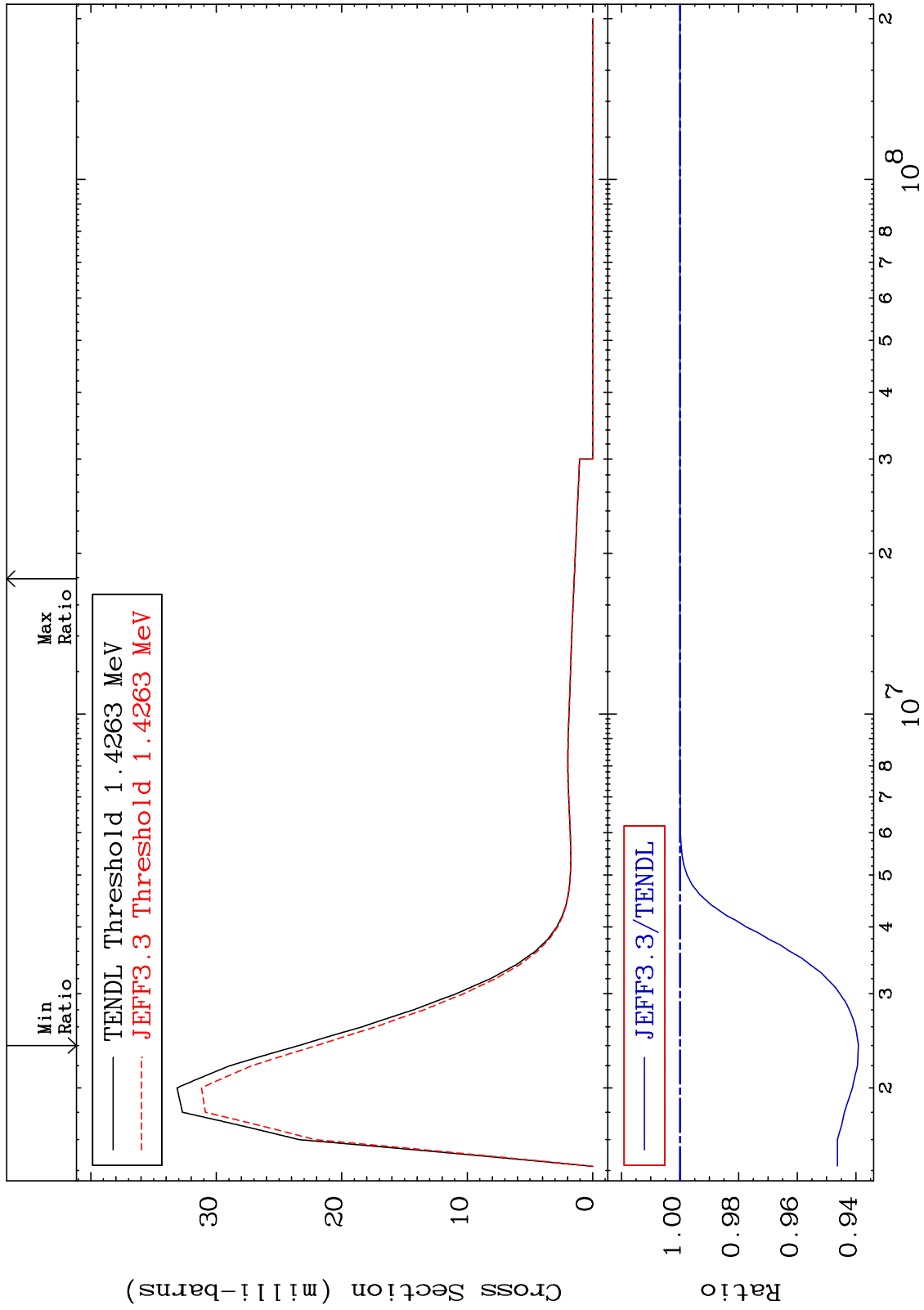
Incident Energy (eV)

88-Ra-226

MAT 8834

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

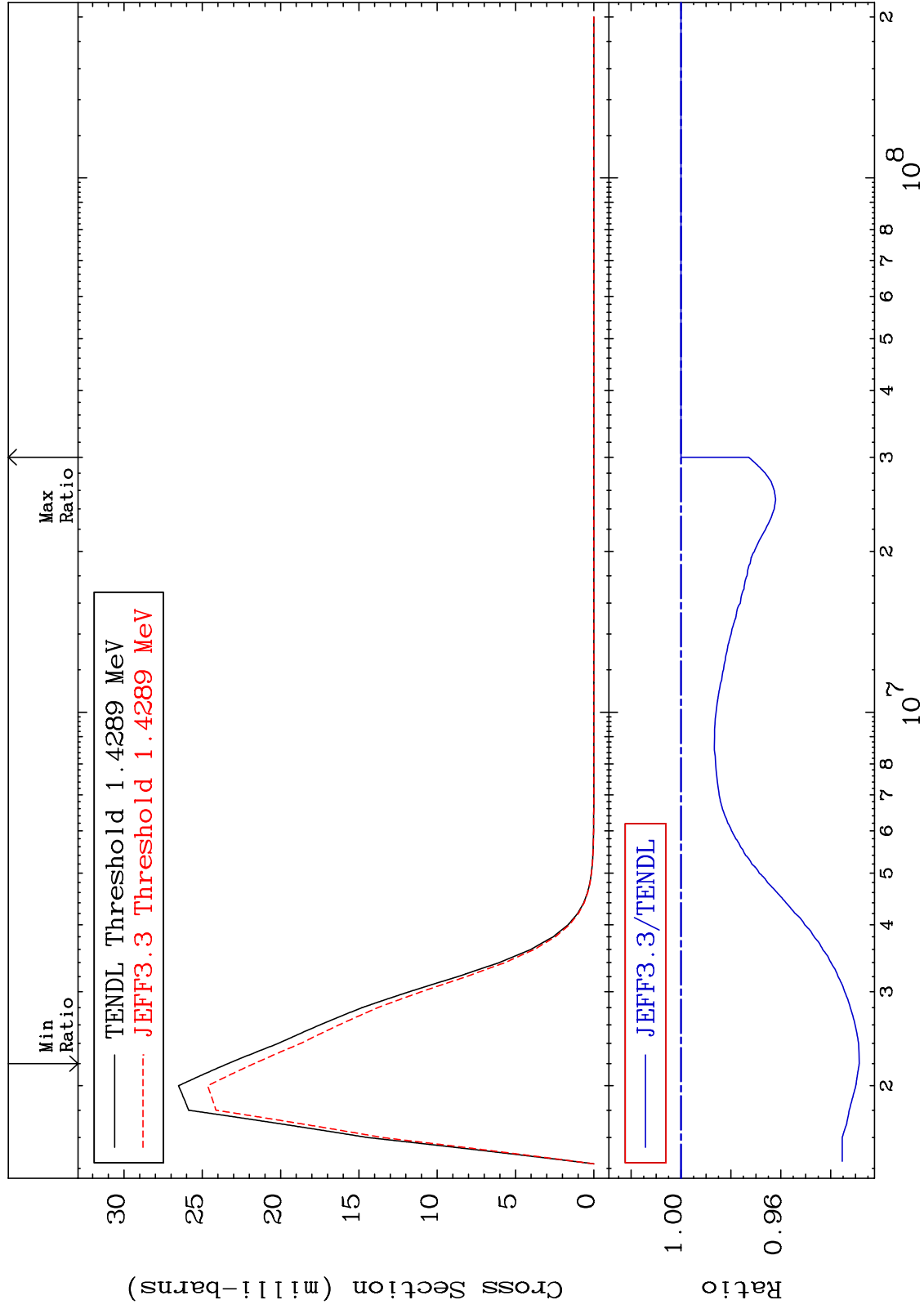
88-Ra-226
-6.085 To 0.000 %



MAT 8834

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

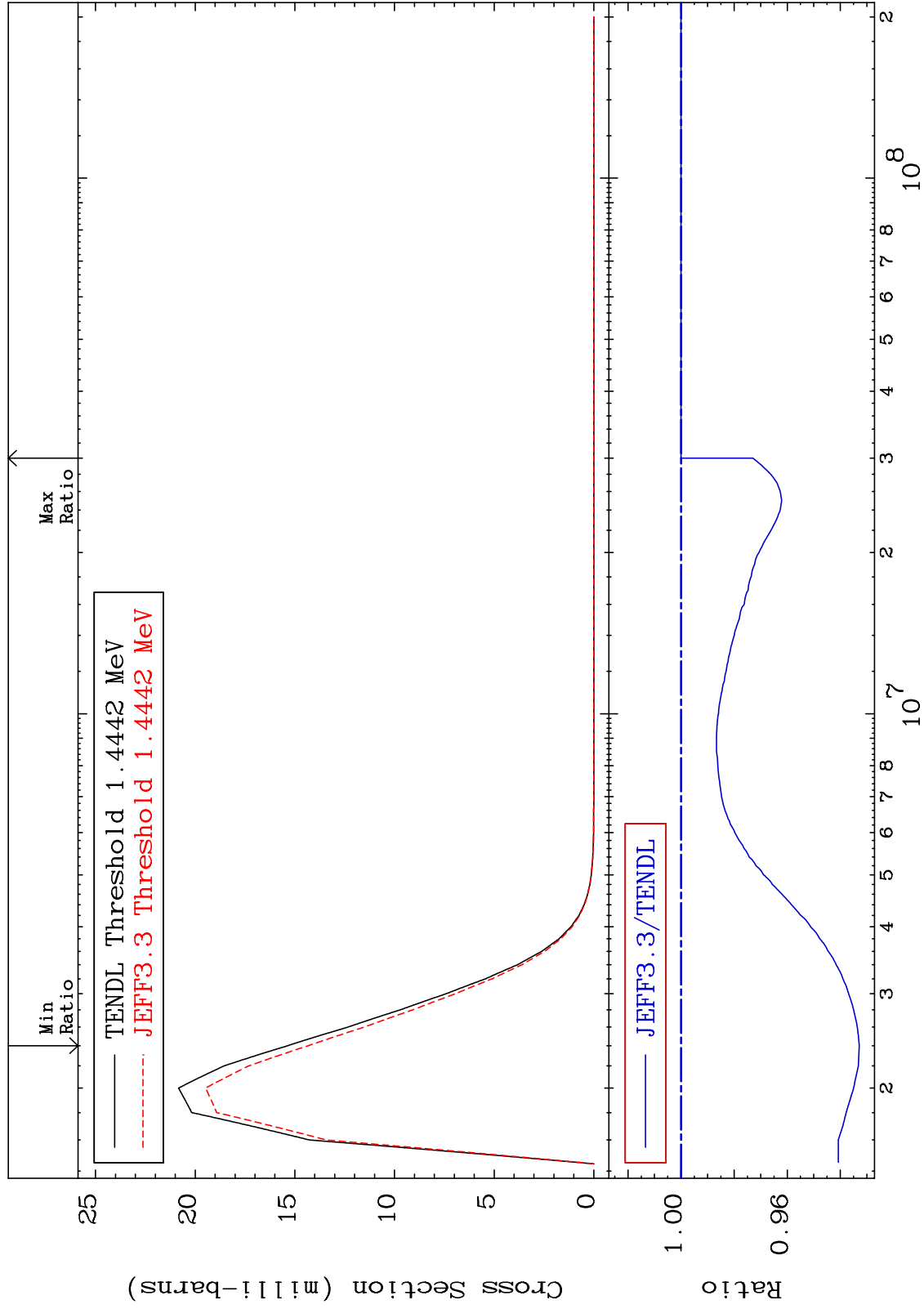
88-Ra-226
-7.149 To 0.000 %



MAT 8834

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

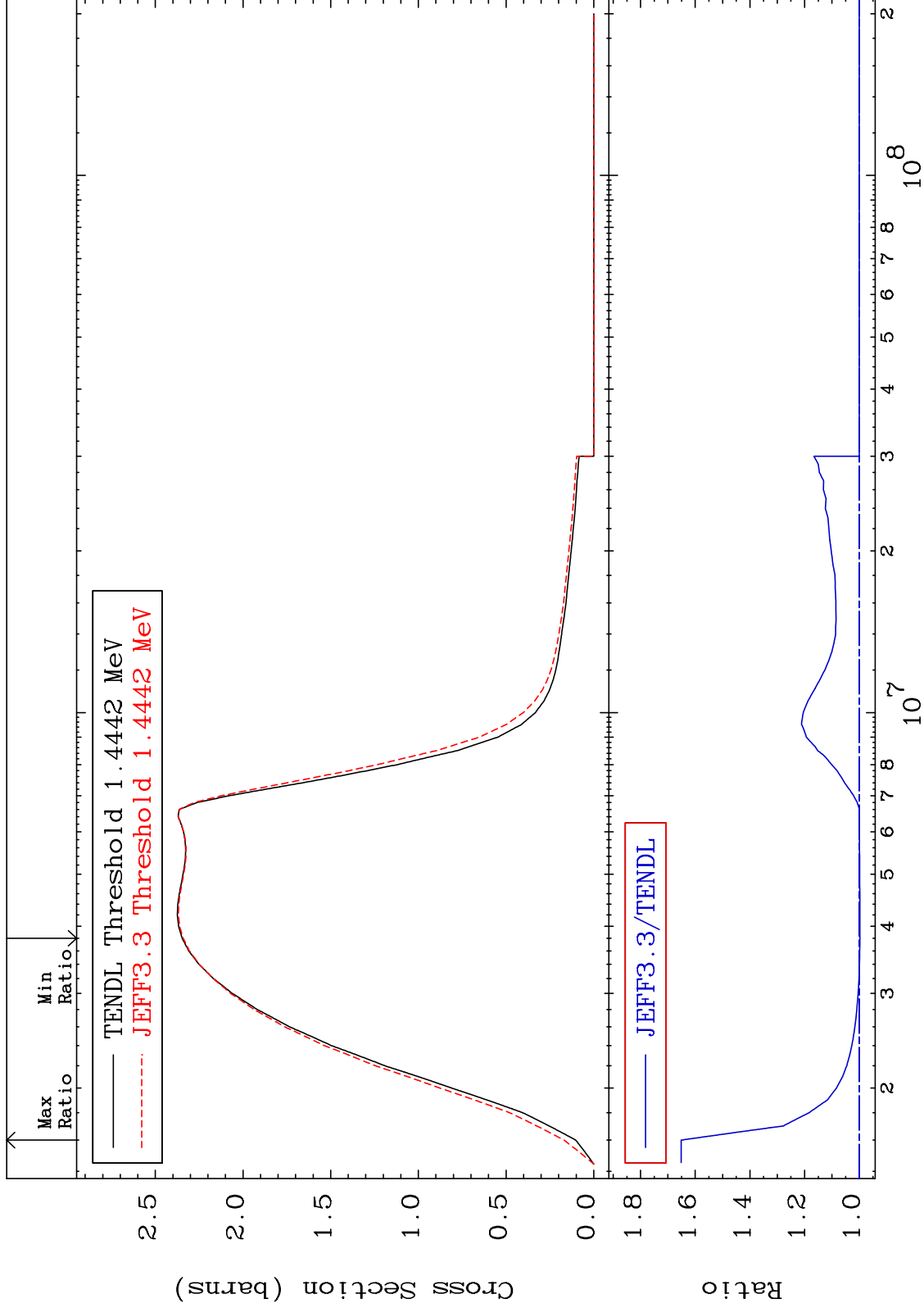
88-Ra-226
-6.714 To 0.000 %



MAT 8834

(n, n') Continuum
Cross Section

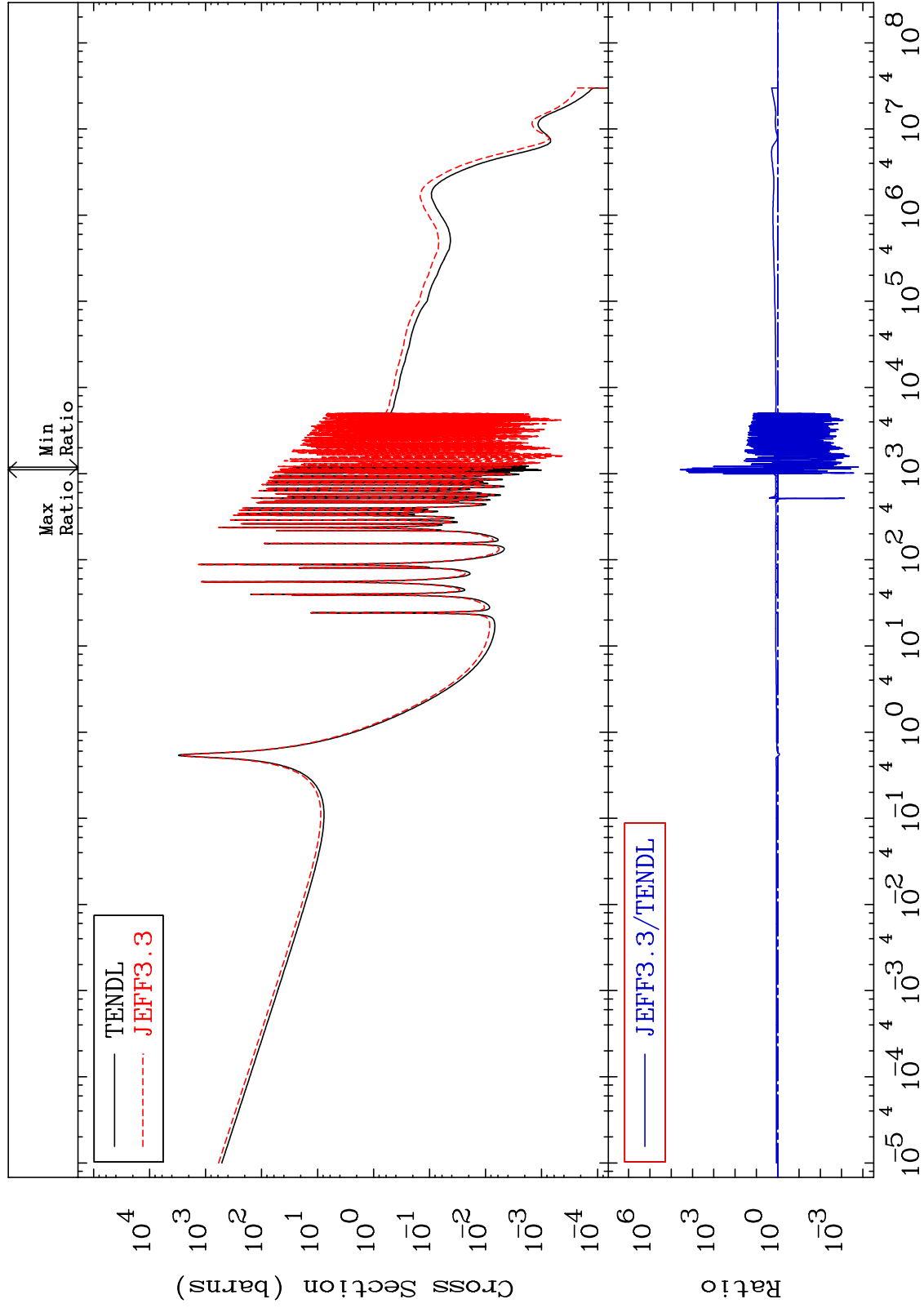
88-Ra-226
-0.238 To 65.13 %



MAT 8834

(n, γ)
Cross Section

88-Ra-226
-99.98 To 9999. %



55

Incident Energy (eV)

88-Ra-226

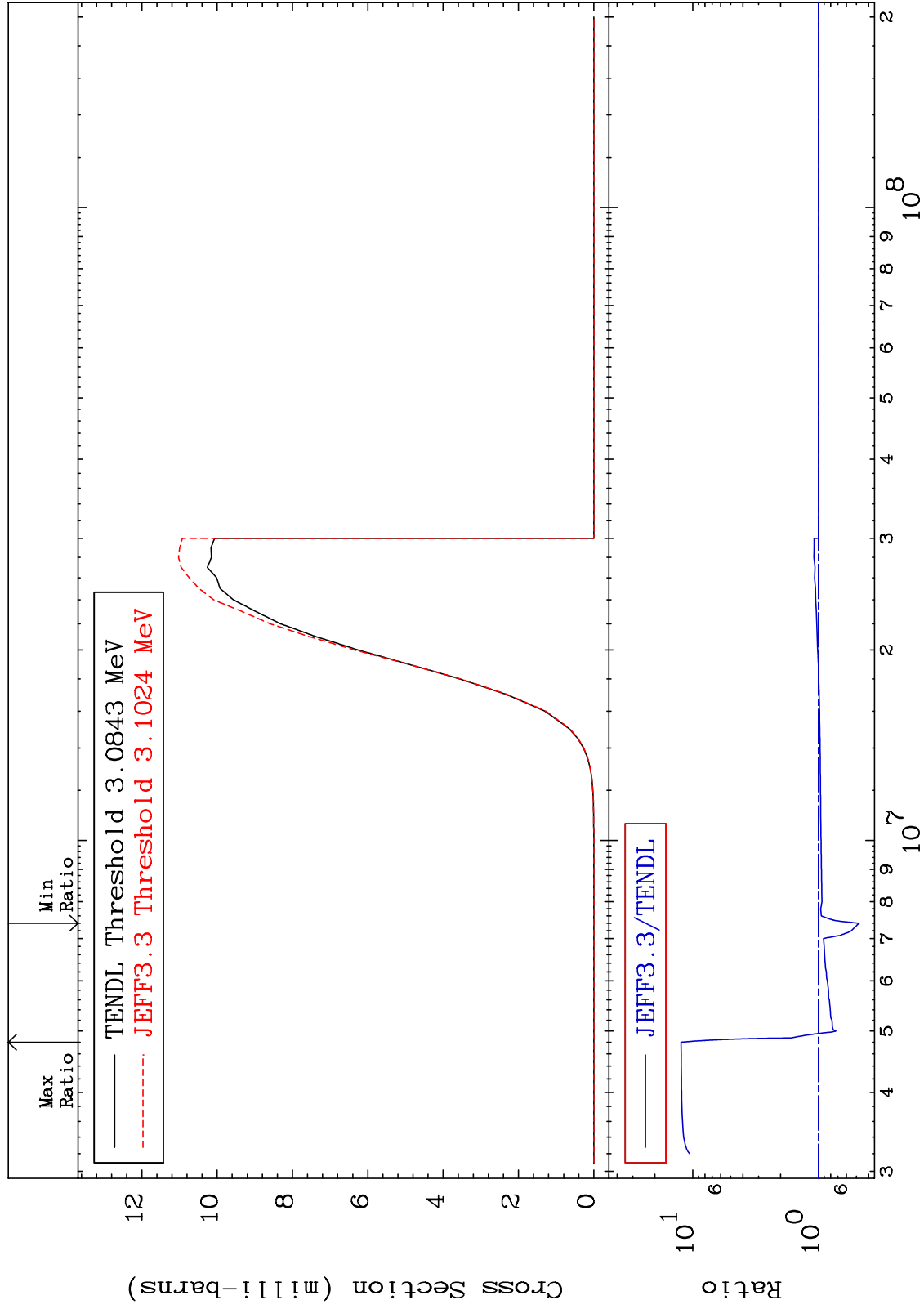
MAT 8834

(n, p)

88-Ra-226

Cross Section

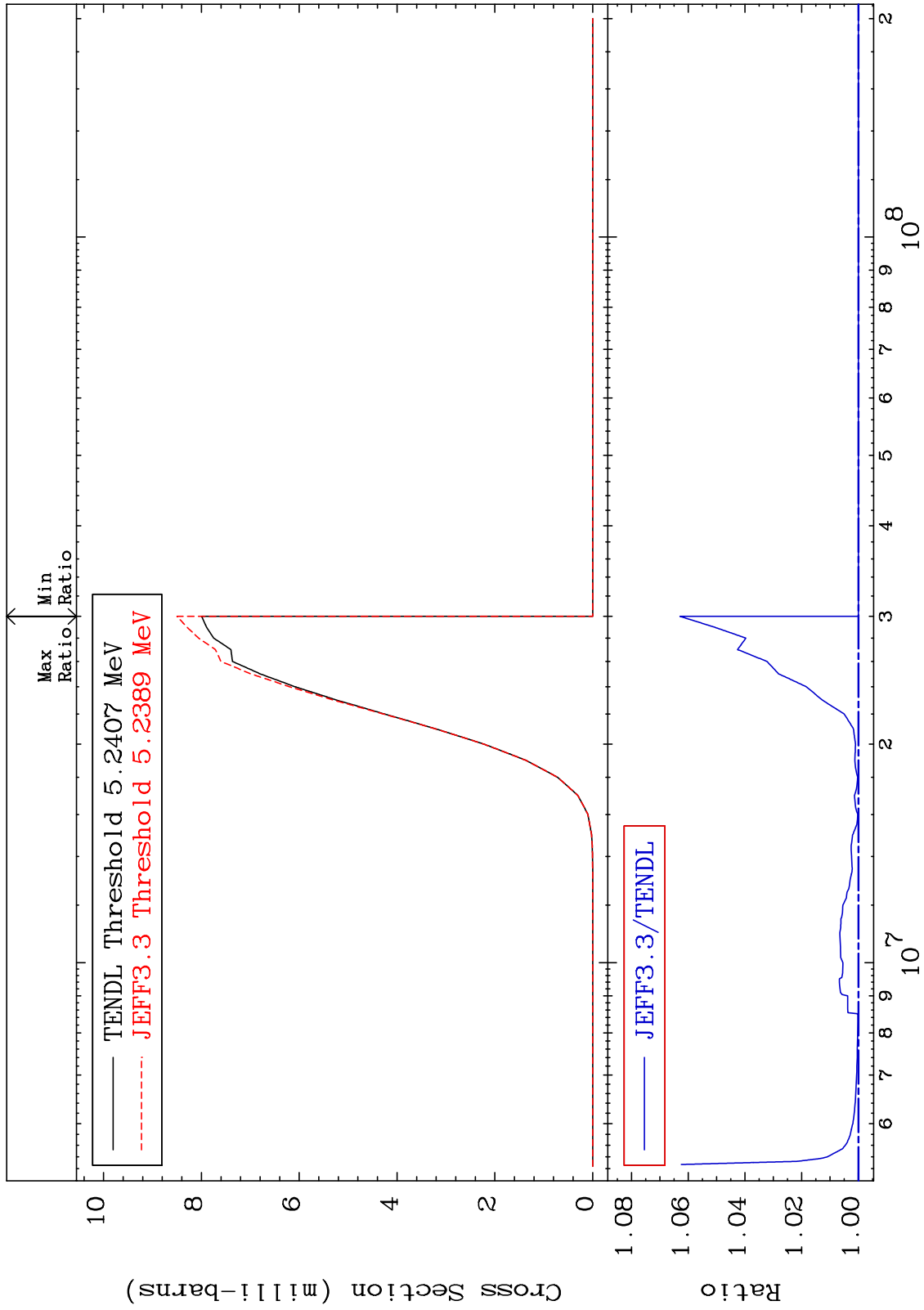
-52.62 To 1139. %



MAT 8834

(n, d)
Cross Section

88-Ra-226
0.000 To 6.293 %



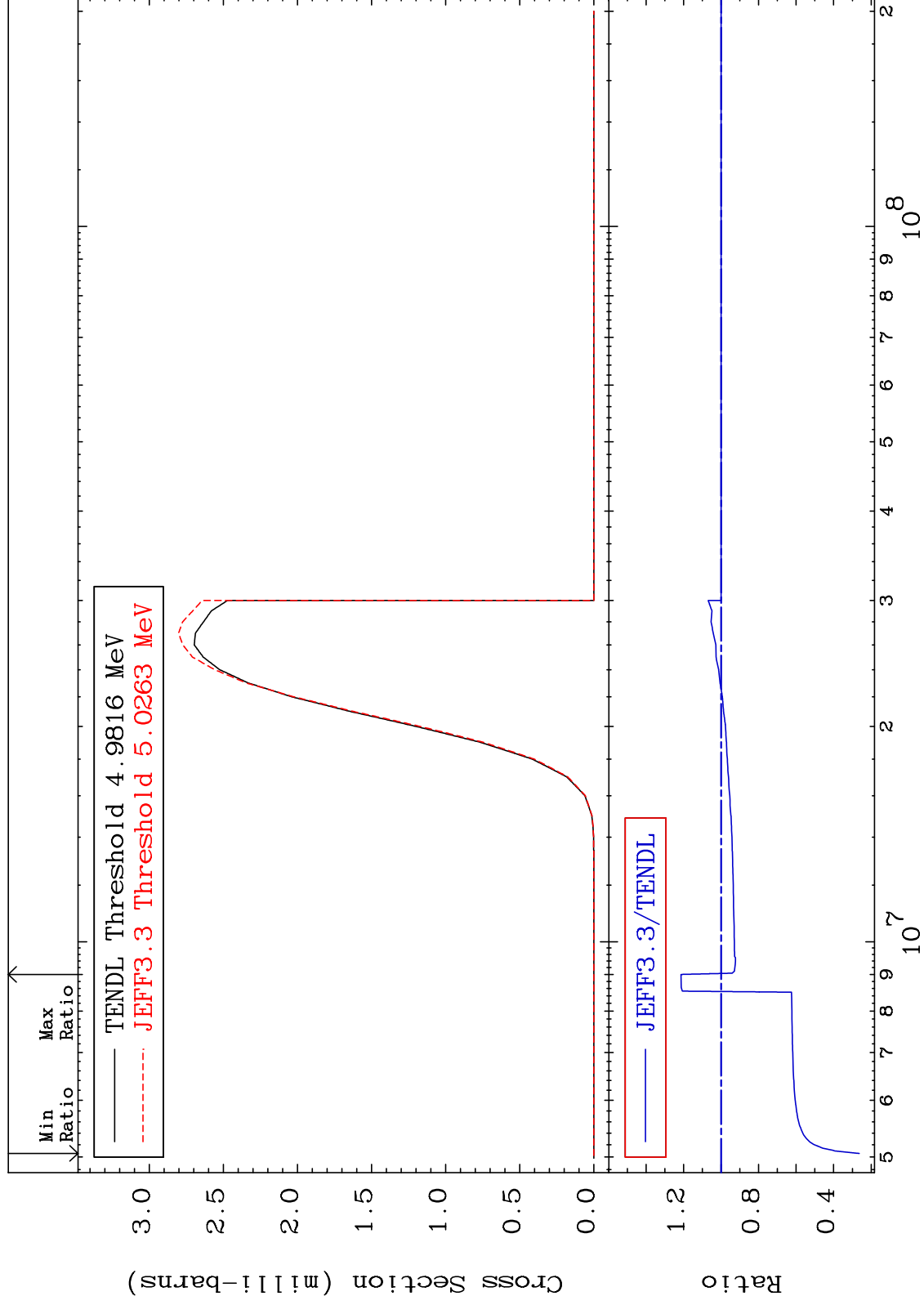
MAT 8834

(n, t)

88-Ra-226

Cross Section

-73.68 To 21.37 %



58

Incident Energy (eV)

88-Ra-226

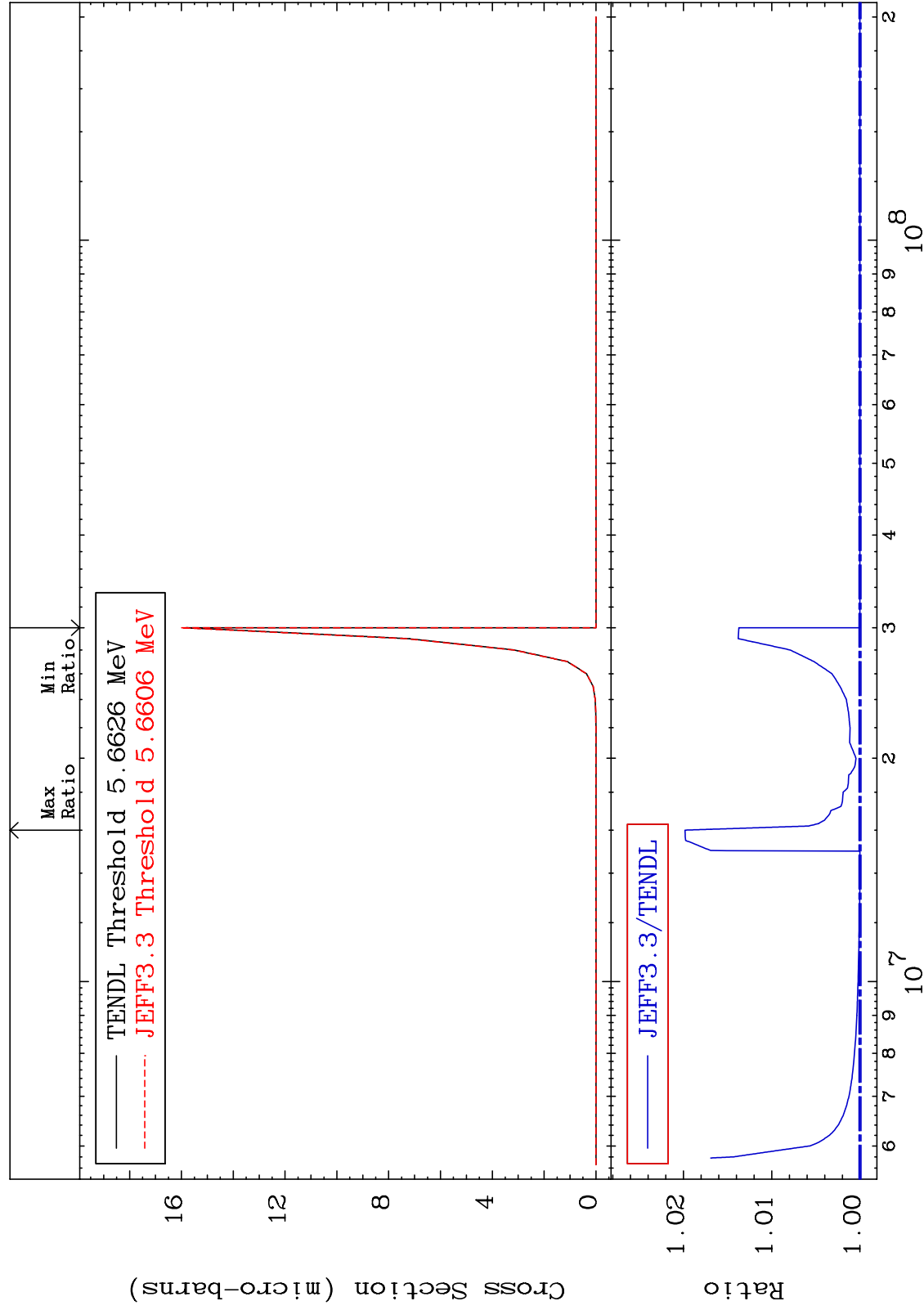
MAT 8834

(n, He-3)

88-Ra-226

0.000 To 1.982 %

Cross Section



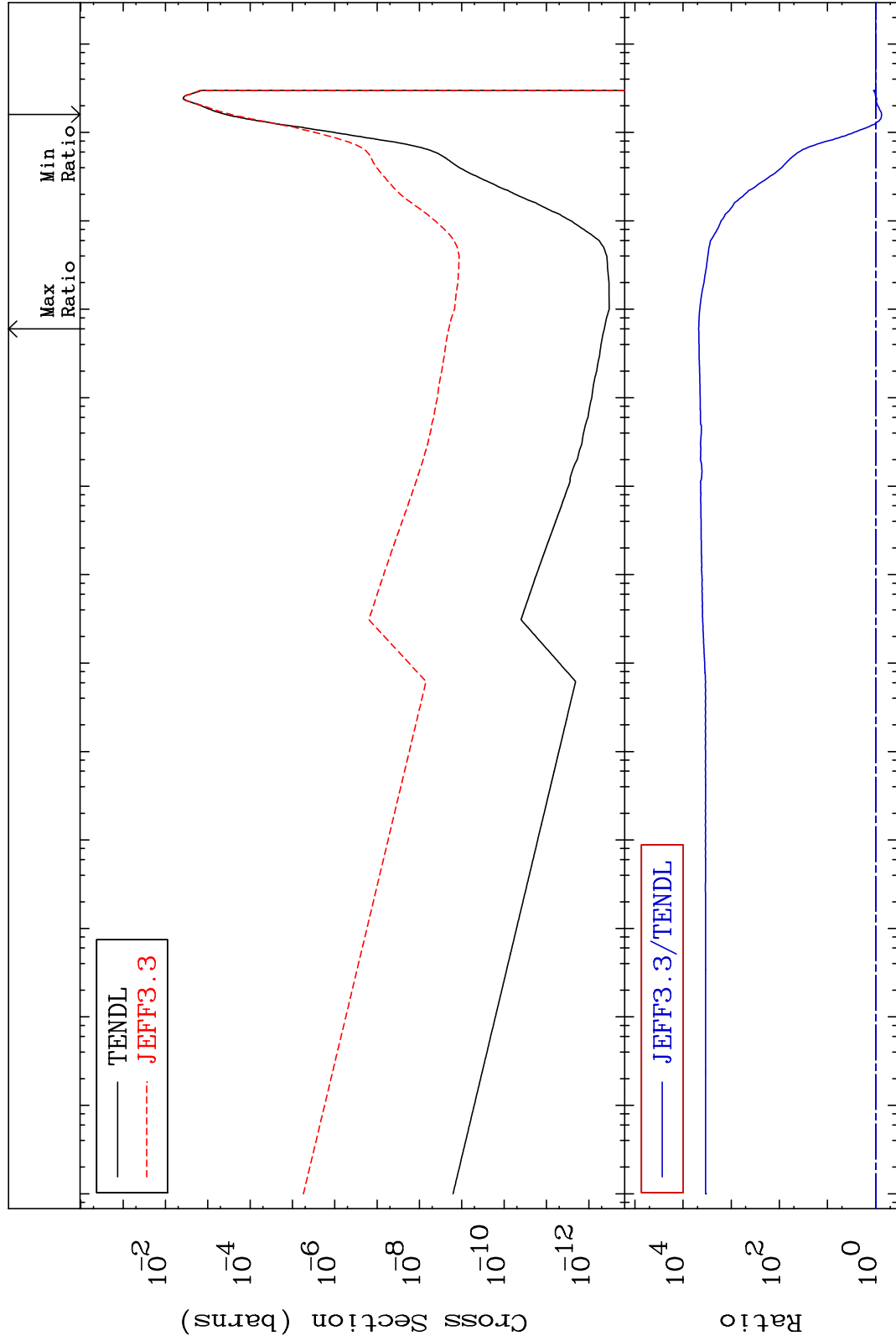
MAT 8834

(n, α)

88-Ra-226

Cross Section

-24.67 To 9999. %



60

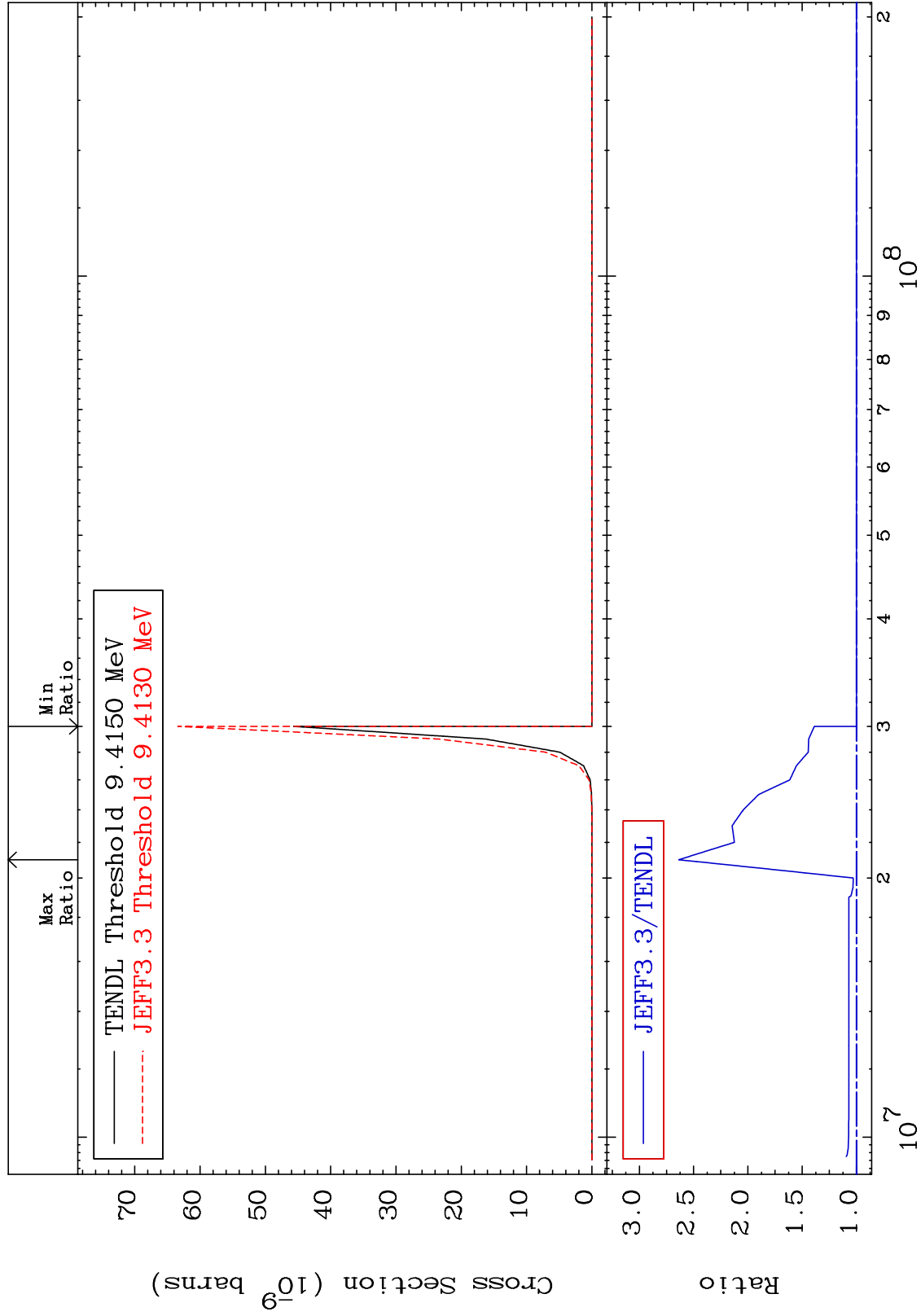
Incident Energy (eV)

88-Ra-226

MAT 8834

(n,2p)
Cross Section

88-Ra-226
To 163.6 %
0.000



61

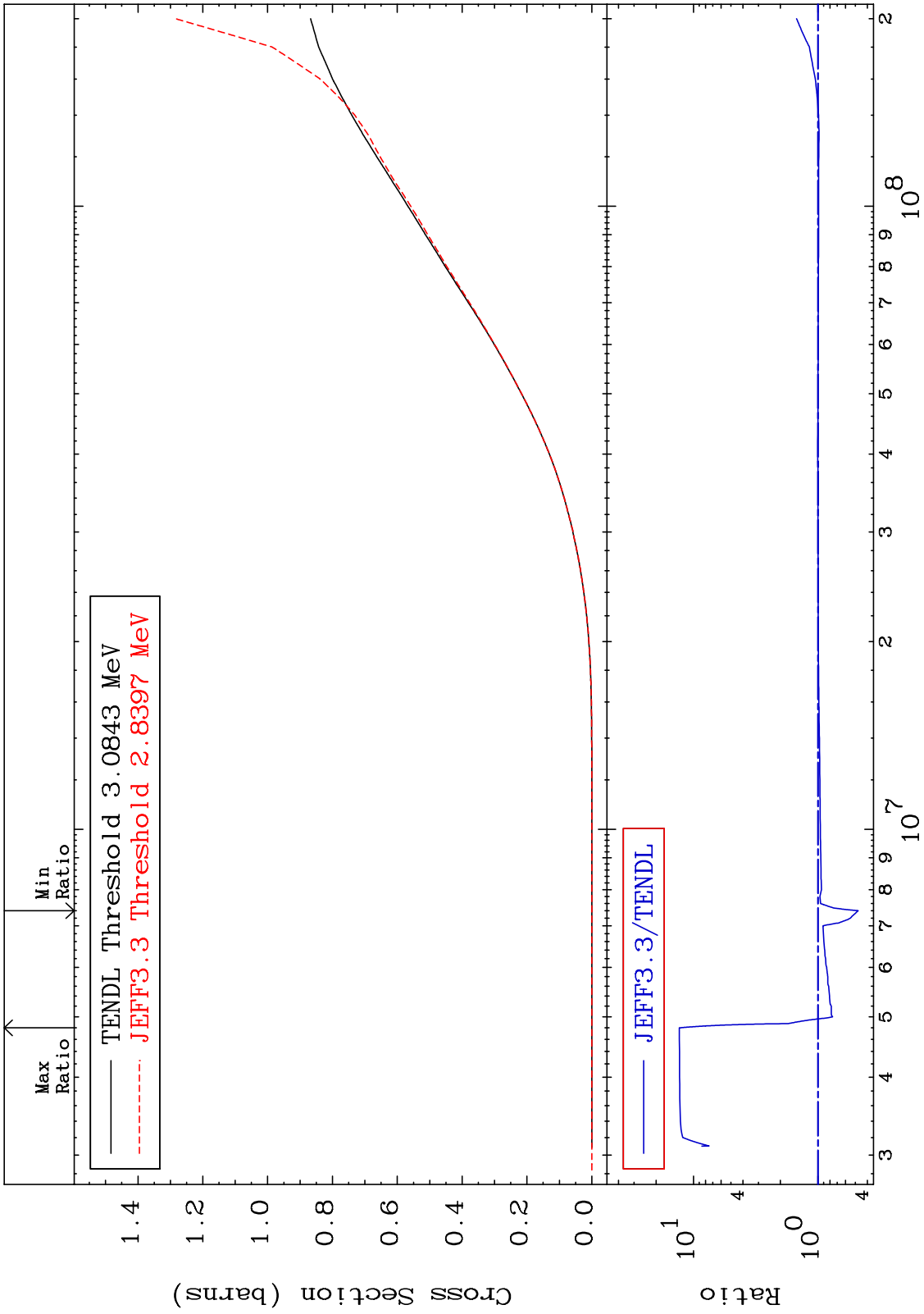
Incident Energy (eV)

88-Ra-226

MAT 8834

Hydrogen Production
Cross Section

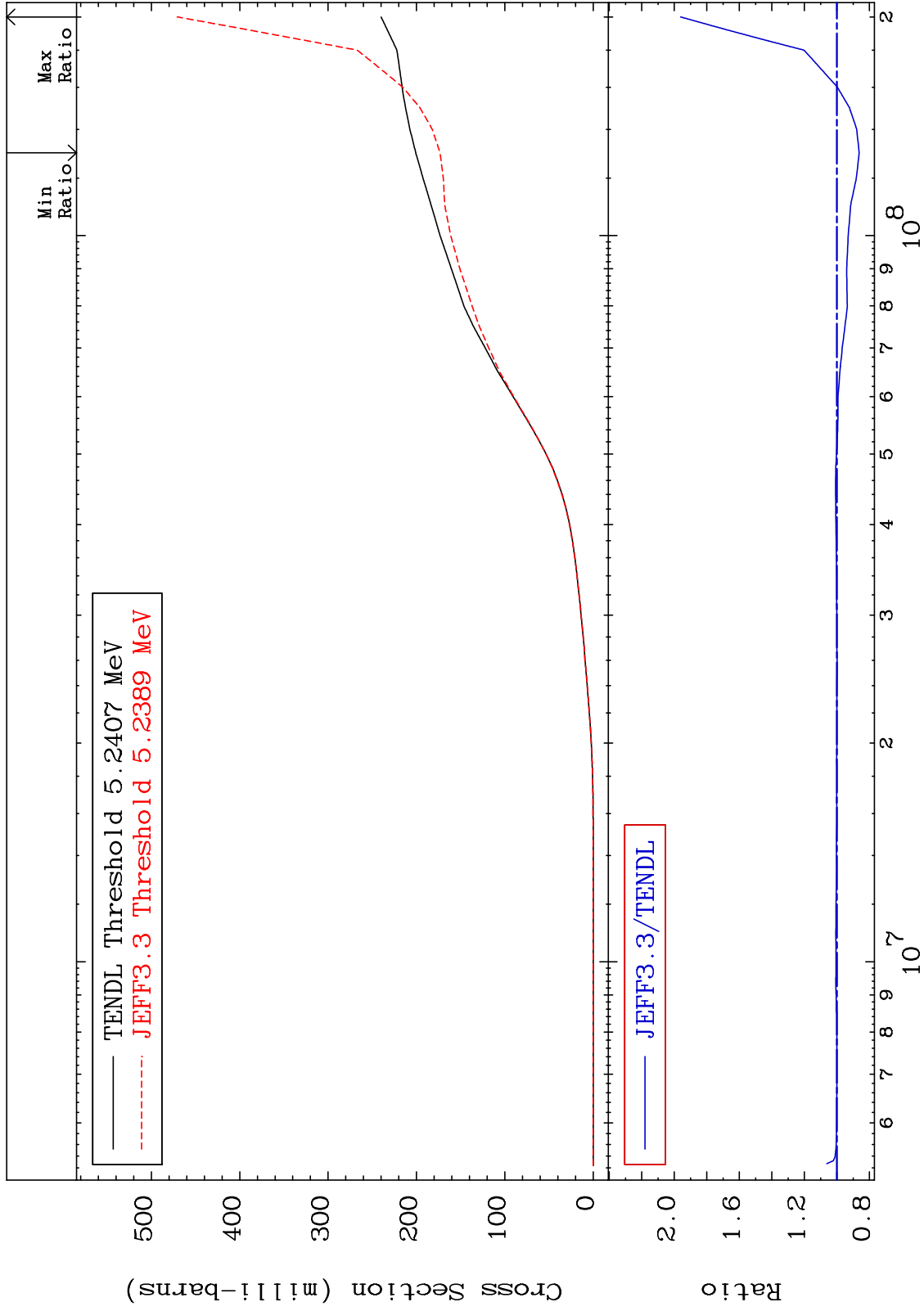
88-Ra-226
-52.62 To 1198. %



MAT 8834

Deuterium Production
Cross Section

88-Ra-226
-13.69 To 96.08 %



63

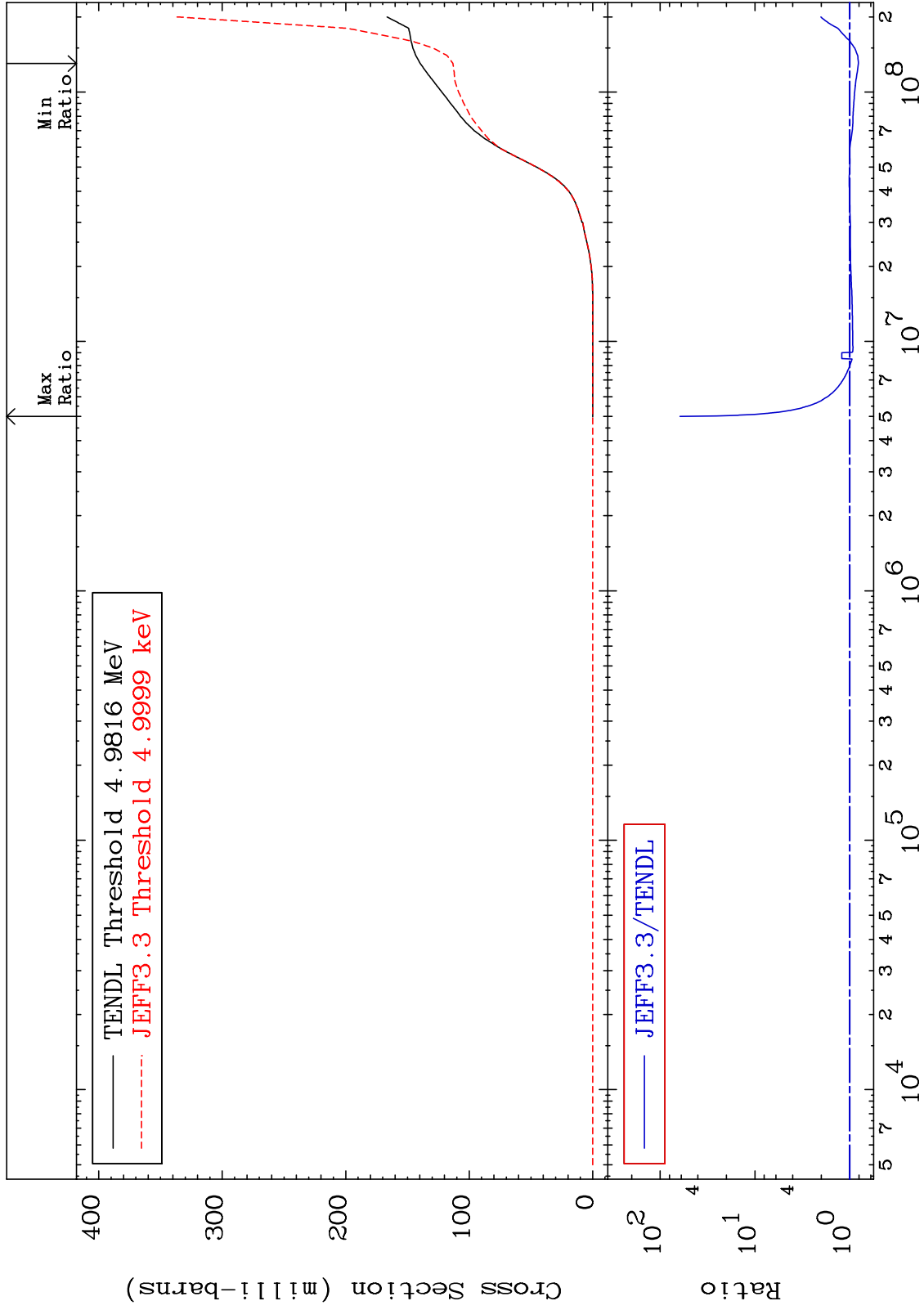
Incident Energy (eV)

88-Ra-226

MAT 8834

Tritium Production
Cross Section

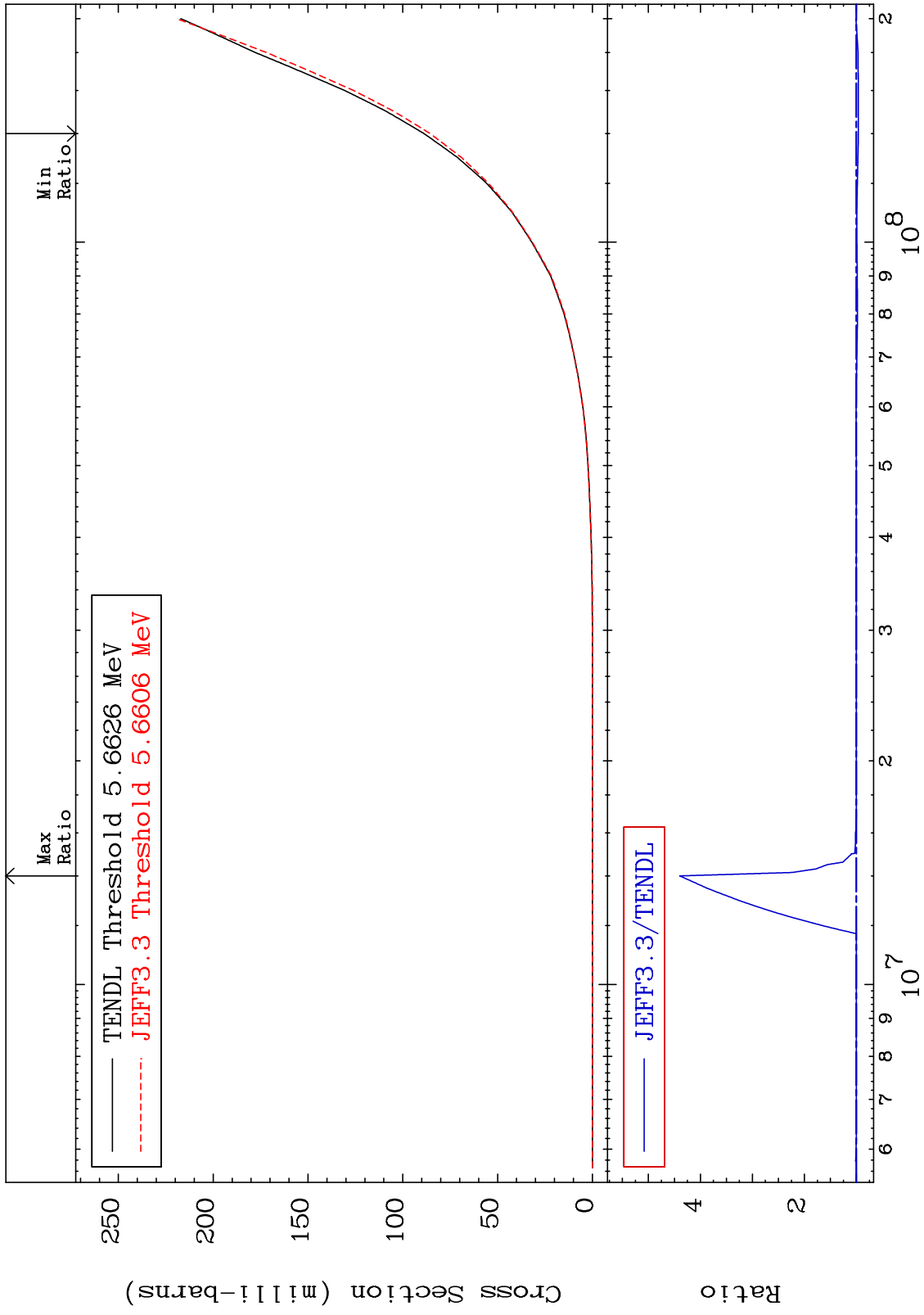
88-Ra-226
-18.98 To 6077. %



MAT 8834

He-3 Production
Cross Section

88-Ra-226
-3.681 To 339.6 %



65

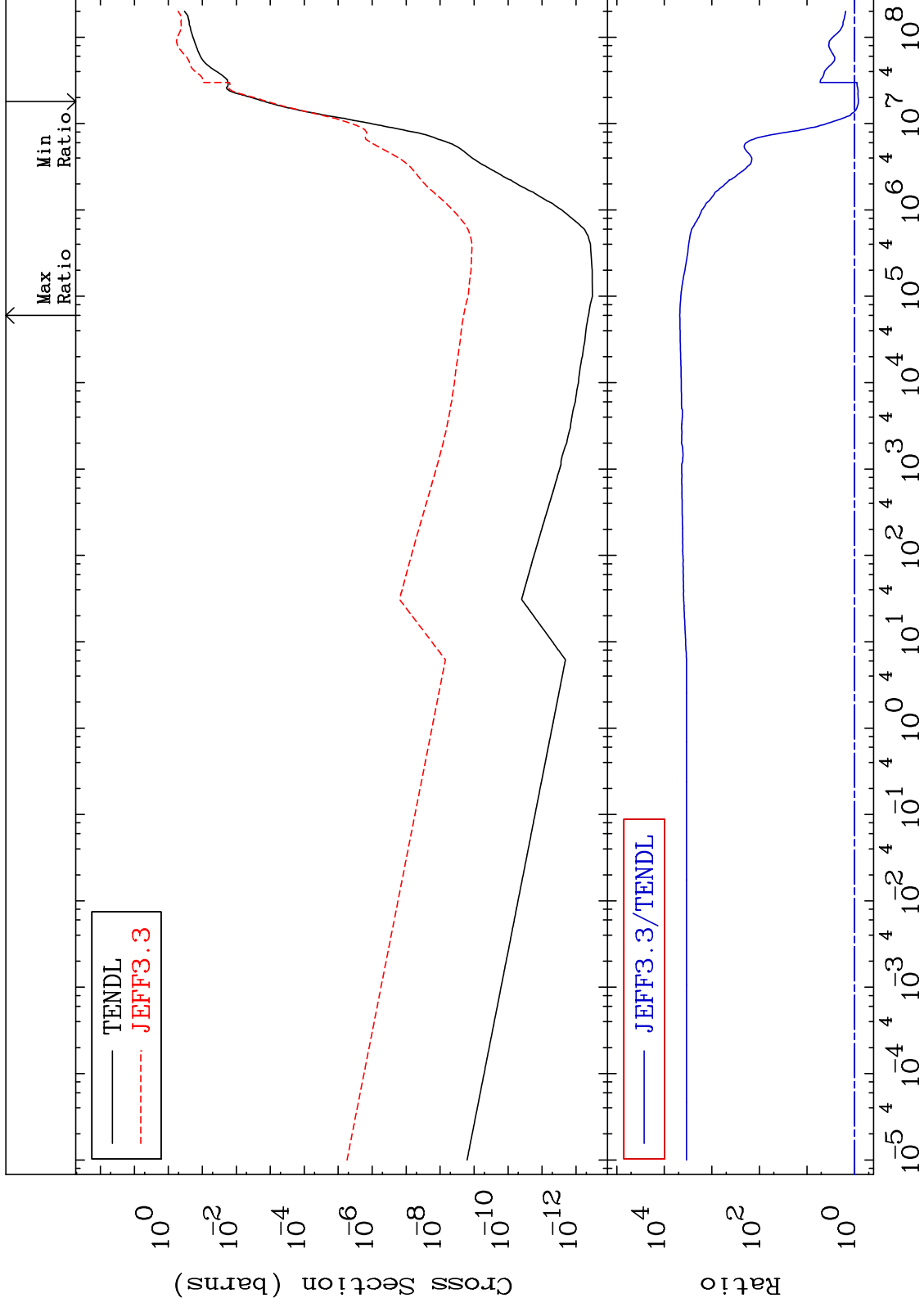
88-Ra-226

88-Ra-226

MAT 8834

He-4 Production
Cross Section

88-Ra-226
-16.94 To 9999. %



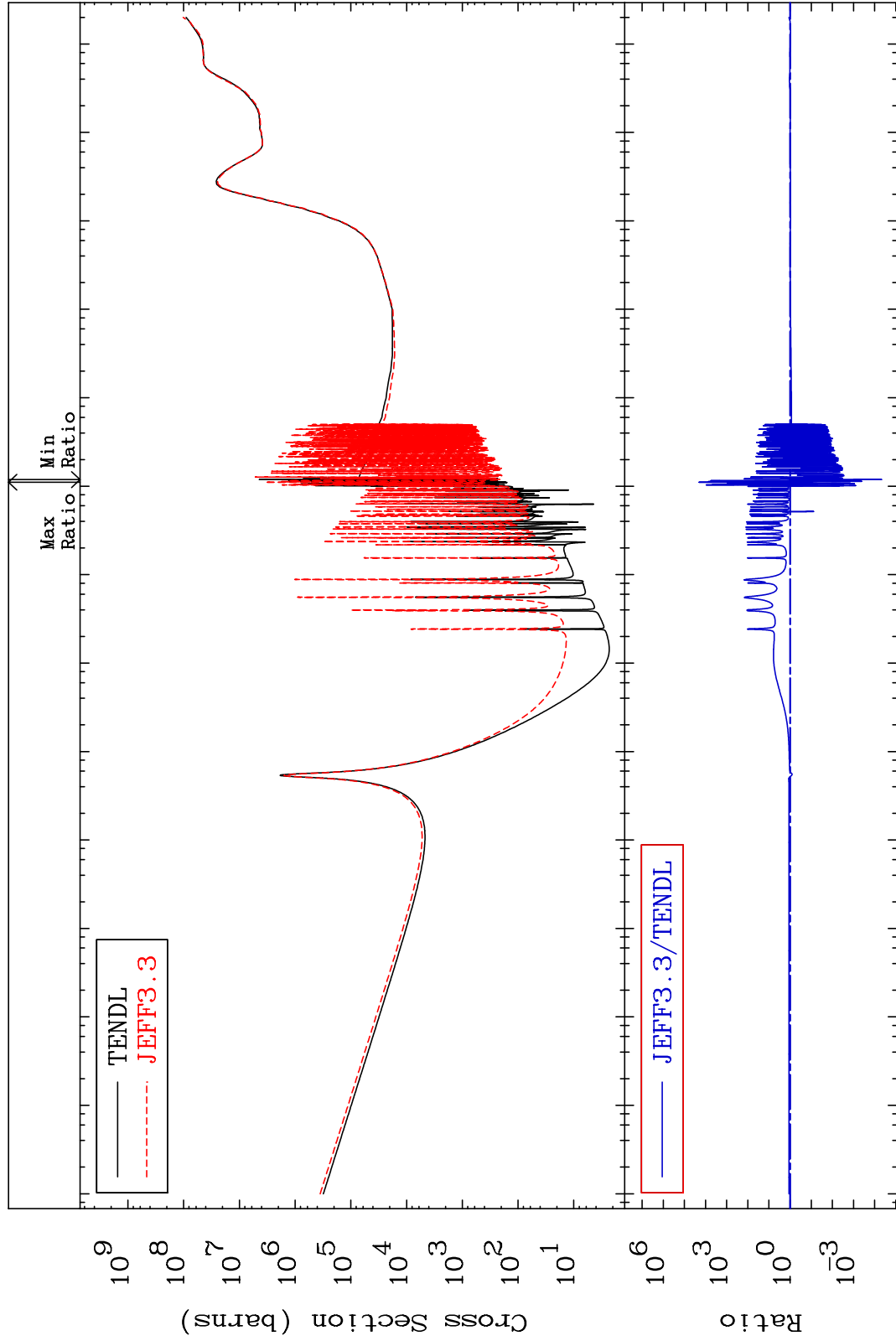
MAT 8834

Kerma total (eV-barns)

88-Ra-226

-100.0 To 9999. %

Cross Section



67

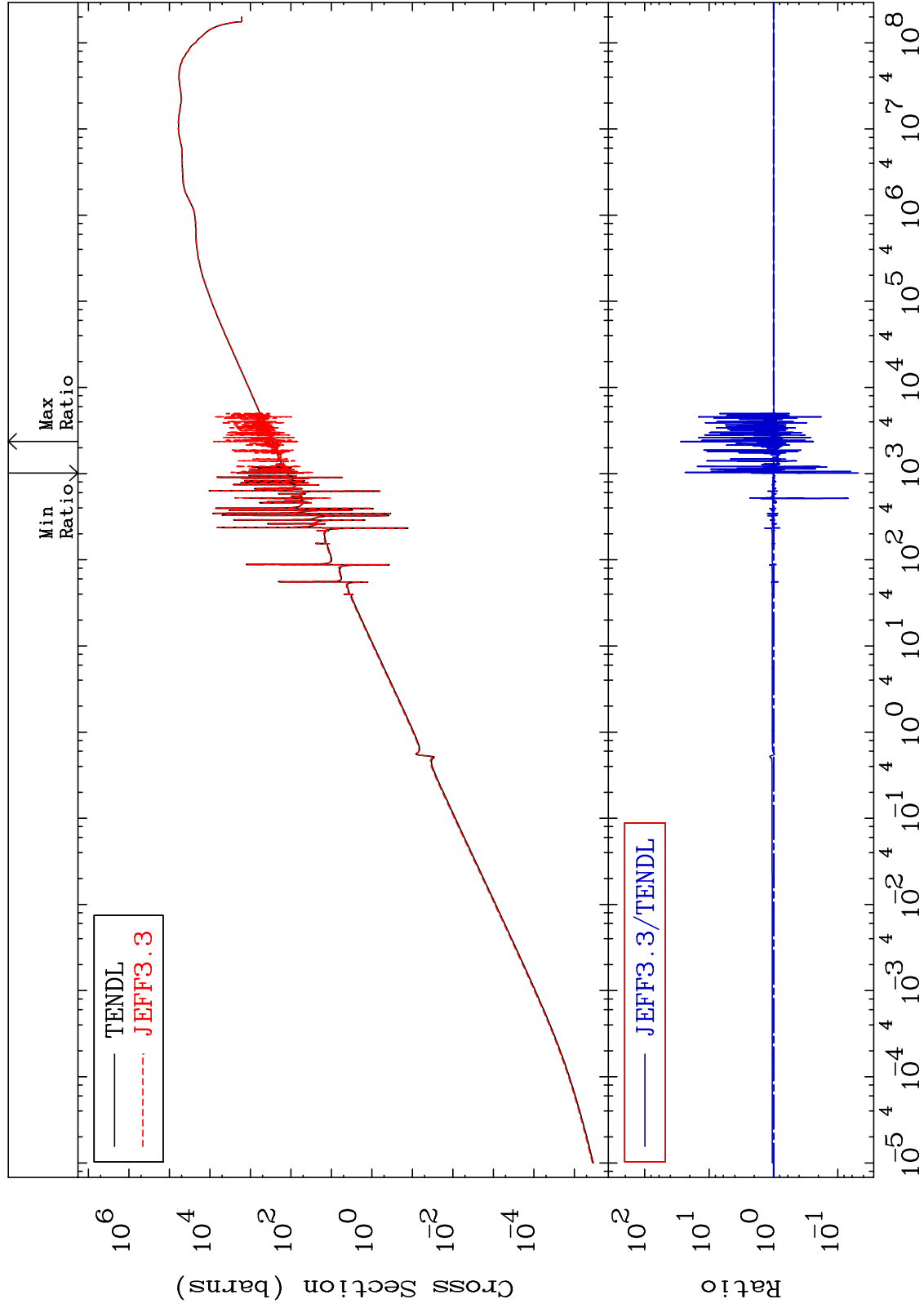
Incident Energy (eV)

88-Ra-226

MAT 8834

Kerma elastic
Cross Section

88-Ra-226
-95.22 To 2684. %



68

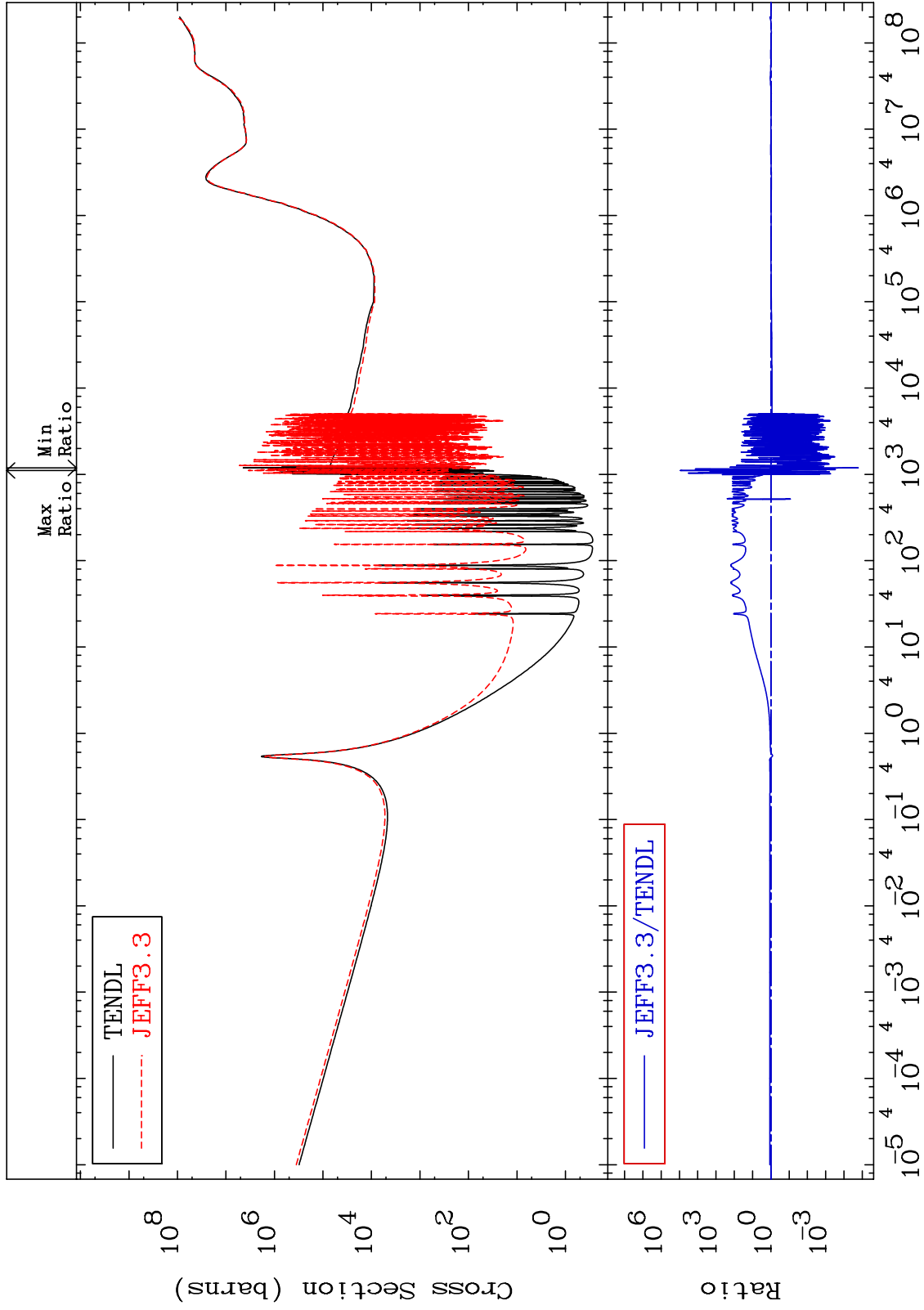
Incident Energy (eV)

88-Ra-226

MAT 8834

Kerma non-elastic (all but mt2)
Cross Section

88-Ra-226
-100.0 To 9999. %



69

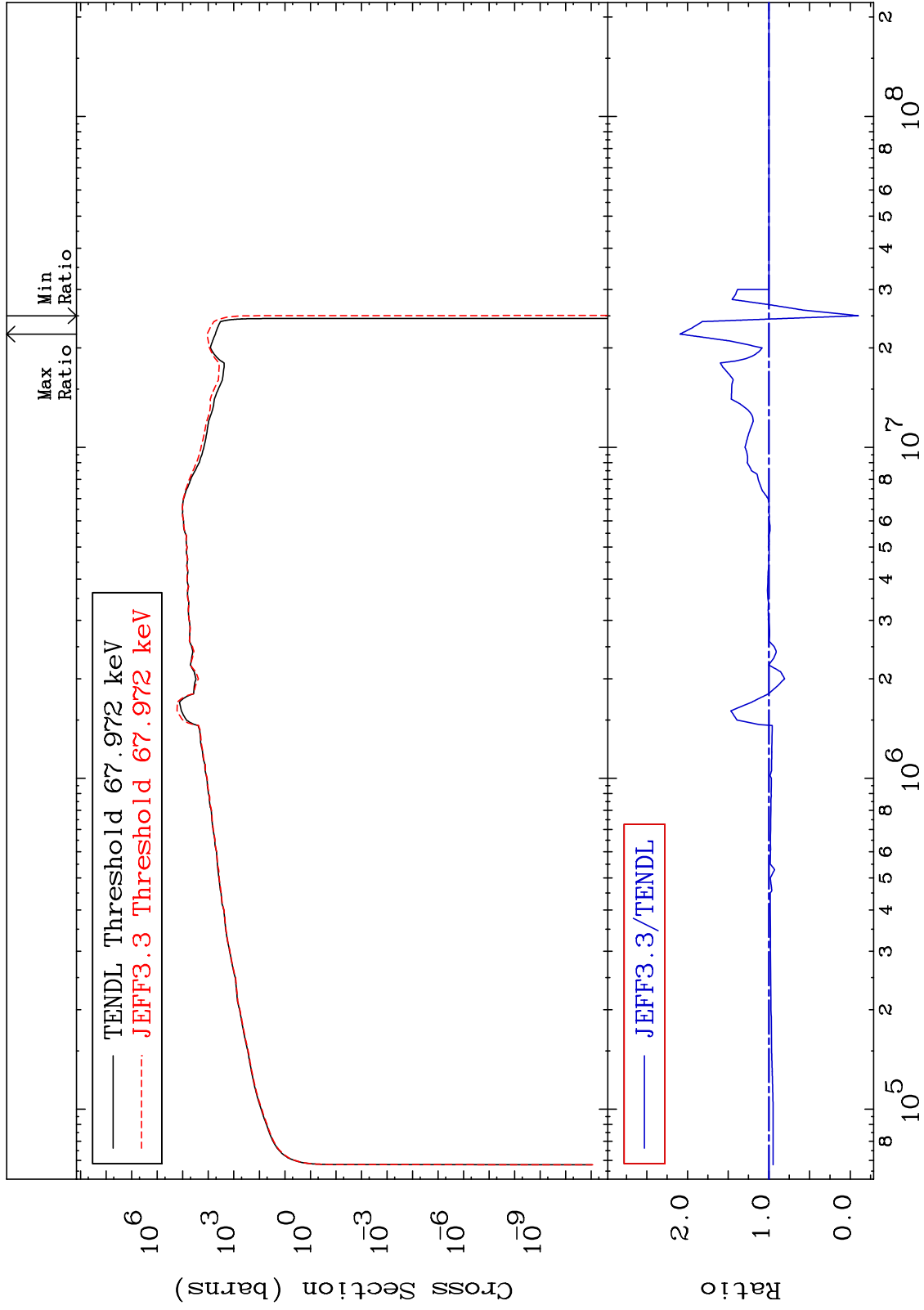
Incident Energy (eV)

88-Ra-226

MAT 8834

Kerma inelastic (mt51-91)
Cross Section

88-Ra-226
-110.0 To 109.2 %



70

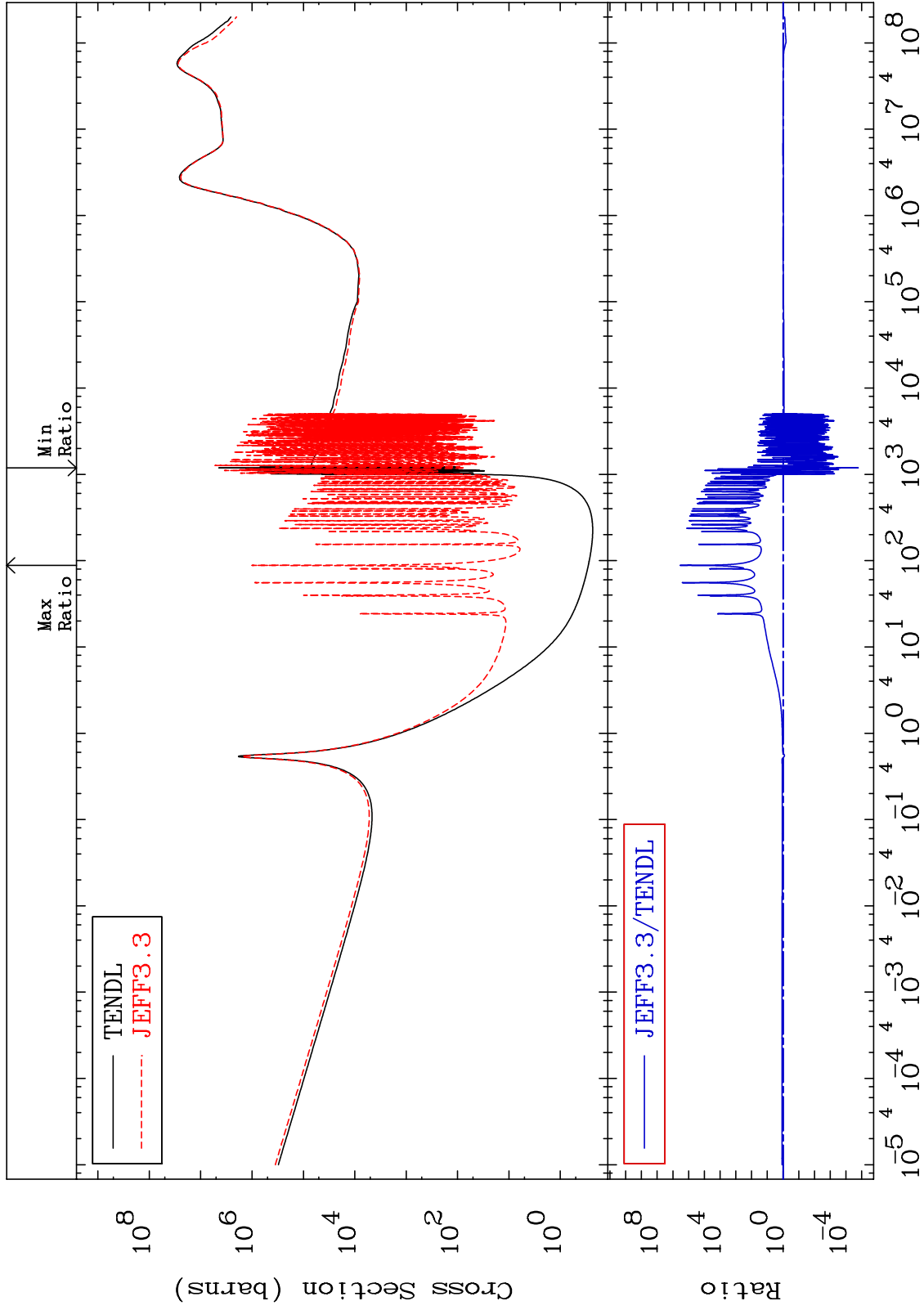
Incident Energy (eV)

88-Ra-226

MAT 8834

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

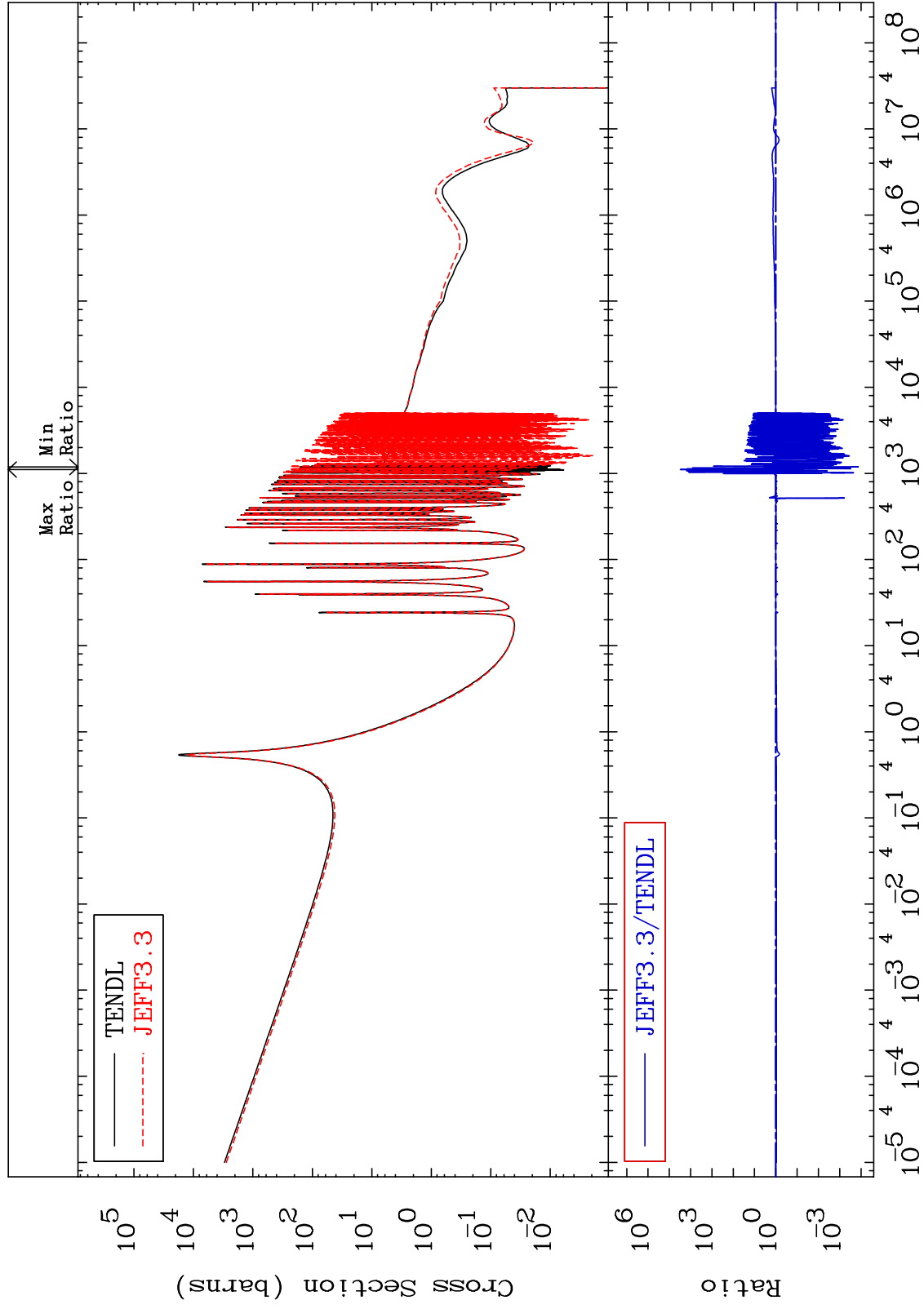
88-Ra-226
-100.0 To 9999. %



MAT 8834

Kerma capture (mt102)
Cross Section

88-Ra-226
-99.99 To 9999. %



72

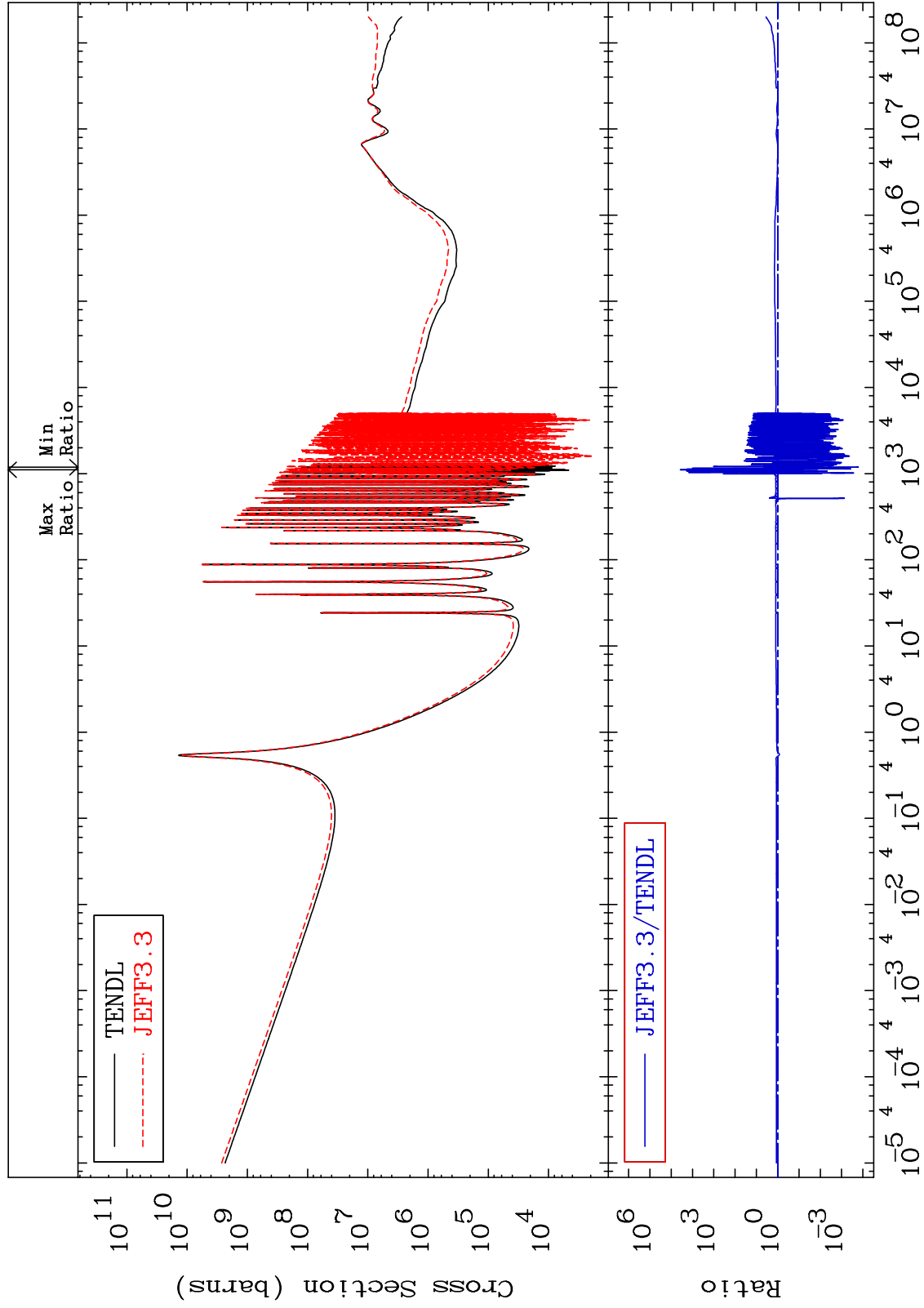
Incident Energy (eV)

88-Ra-226

MAT 8834

Total photon (eV-barns)
Cross Section

88-Ra-226
-99.98 To 9999. %



73

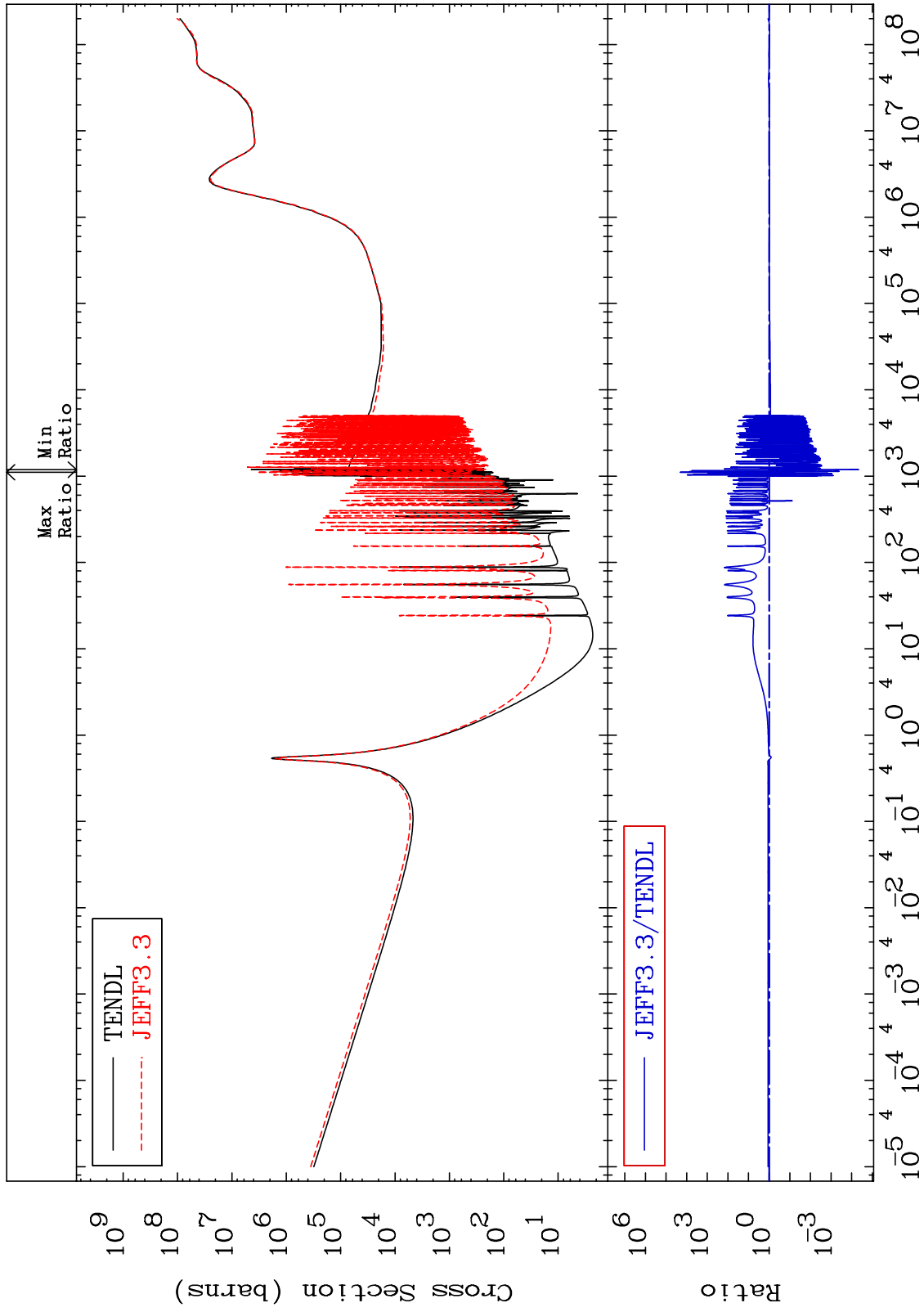
Incident Energy (eV)

88-Ra-226

MAT 8834

Total kinematic kerma (high limit)
Cross Section

88-Ra-226
-100.0 To 9999. %



74

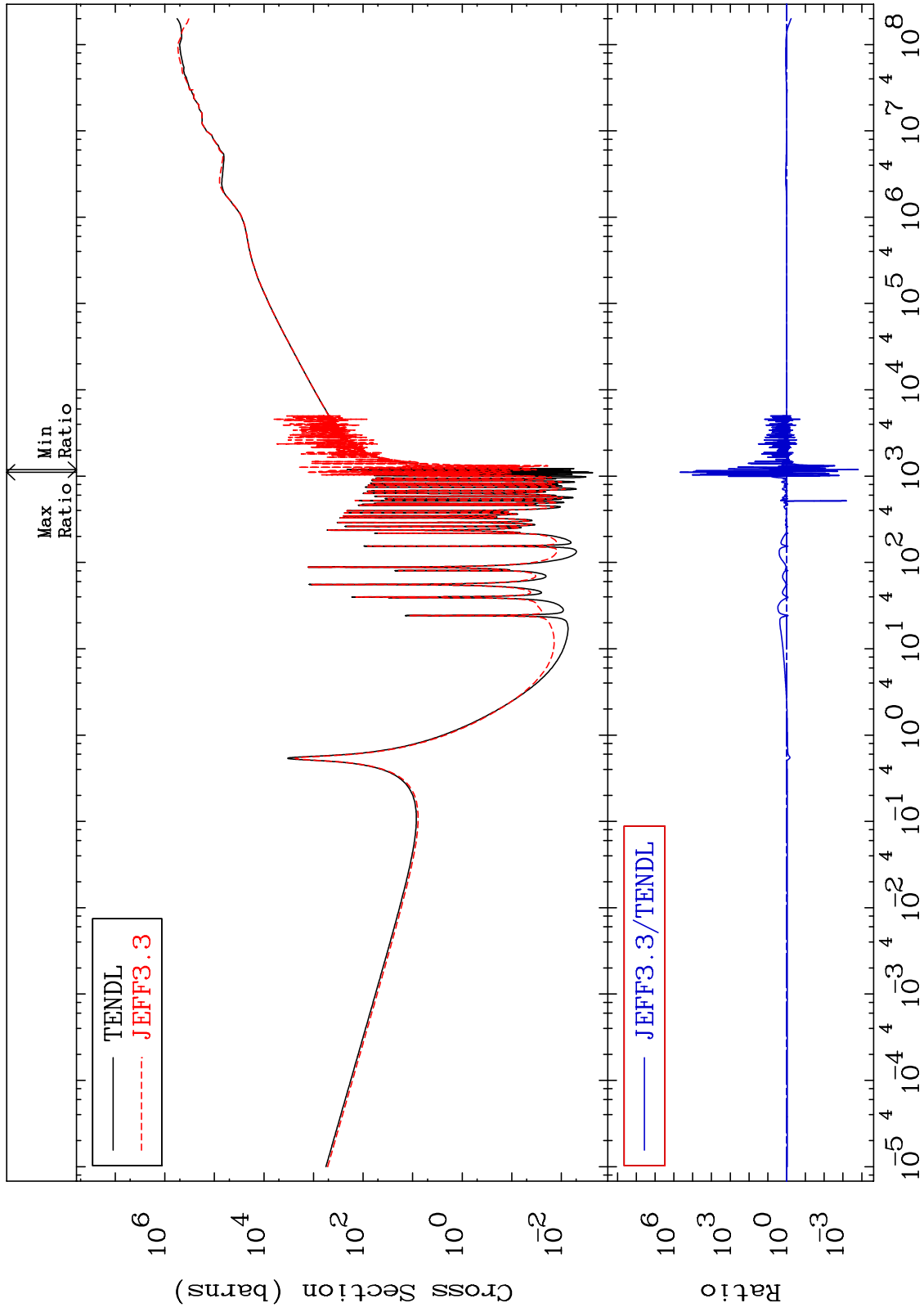
Incident Energy (eV)

88-Ra-226

MAT 8834

Dpa total (eV-barns)
Cross Section

88-Ra-226
-99.98 To 9999. %



75

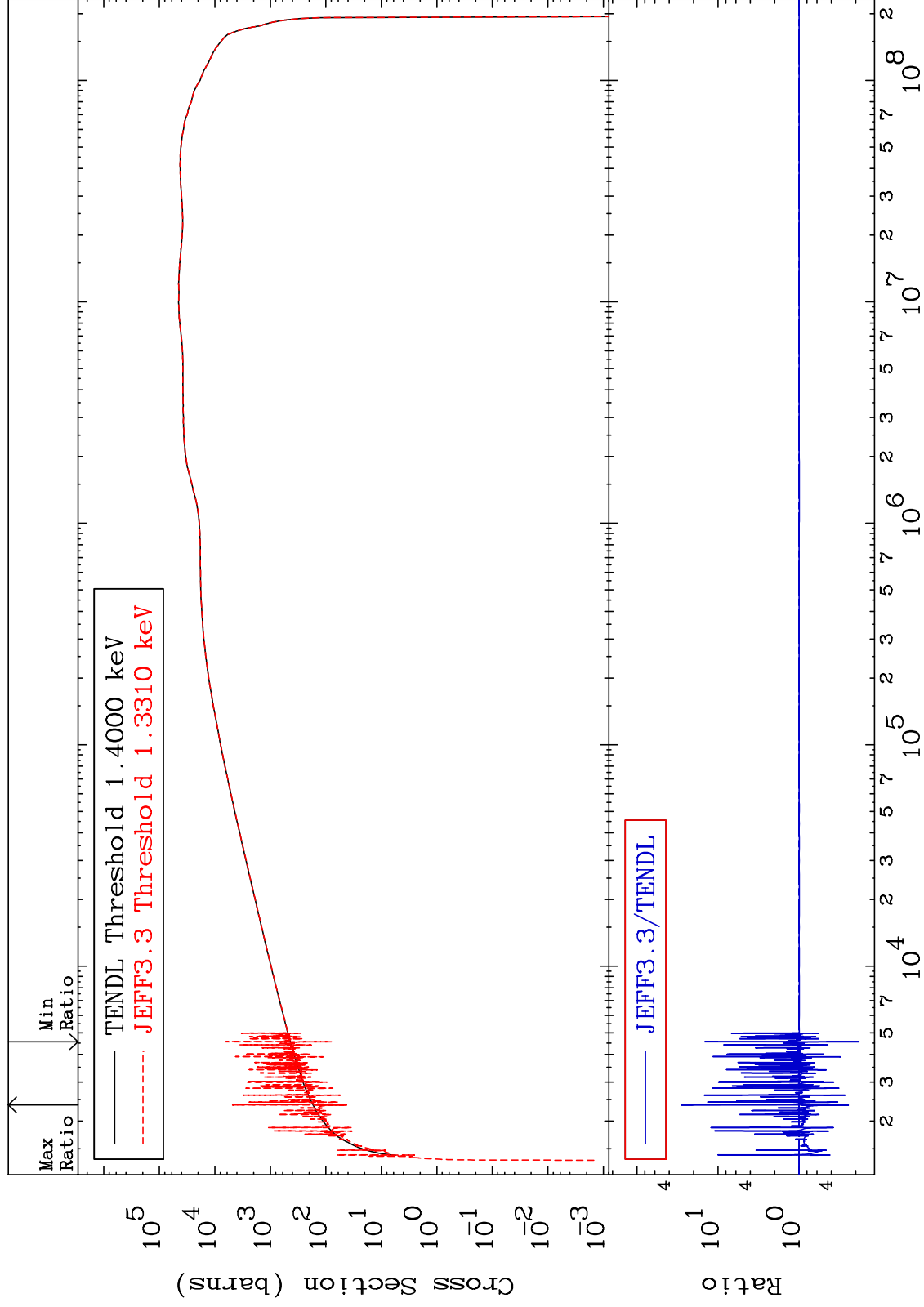
Incident Energy (eV)

88-Ra-226

MAT 8834

Dpa elastic (mt2)
Cross Section

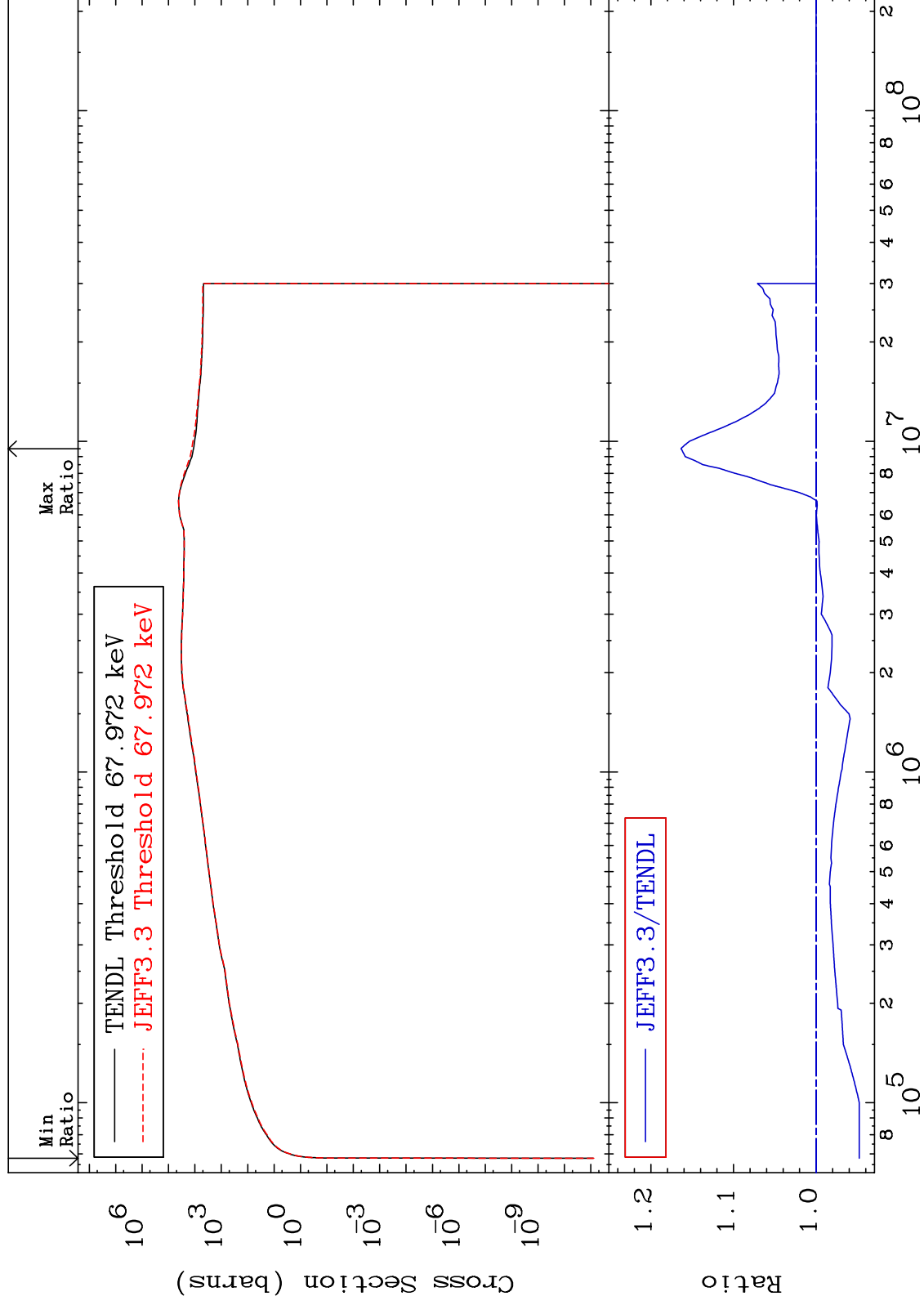
88-Ra-226
-81.95 To 2757. %



MAT 8834

Dpa inelastic (mt51-91)
Cross Section

88-Ra-226
-5.221 To 16.35 %



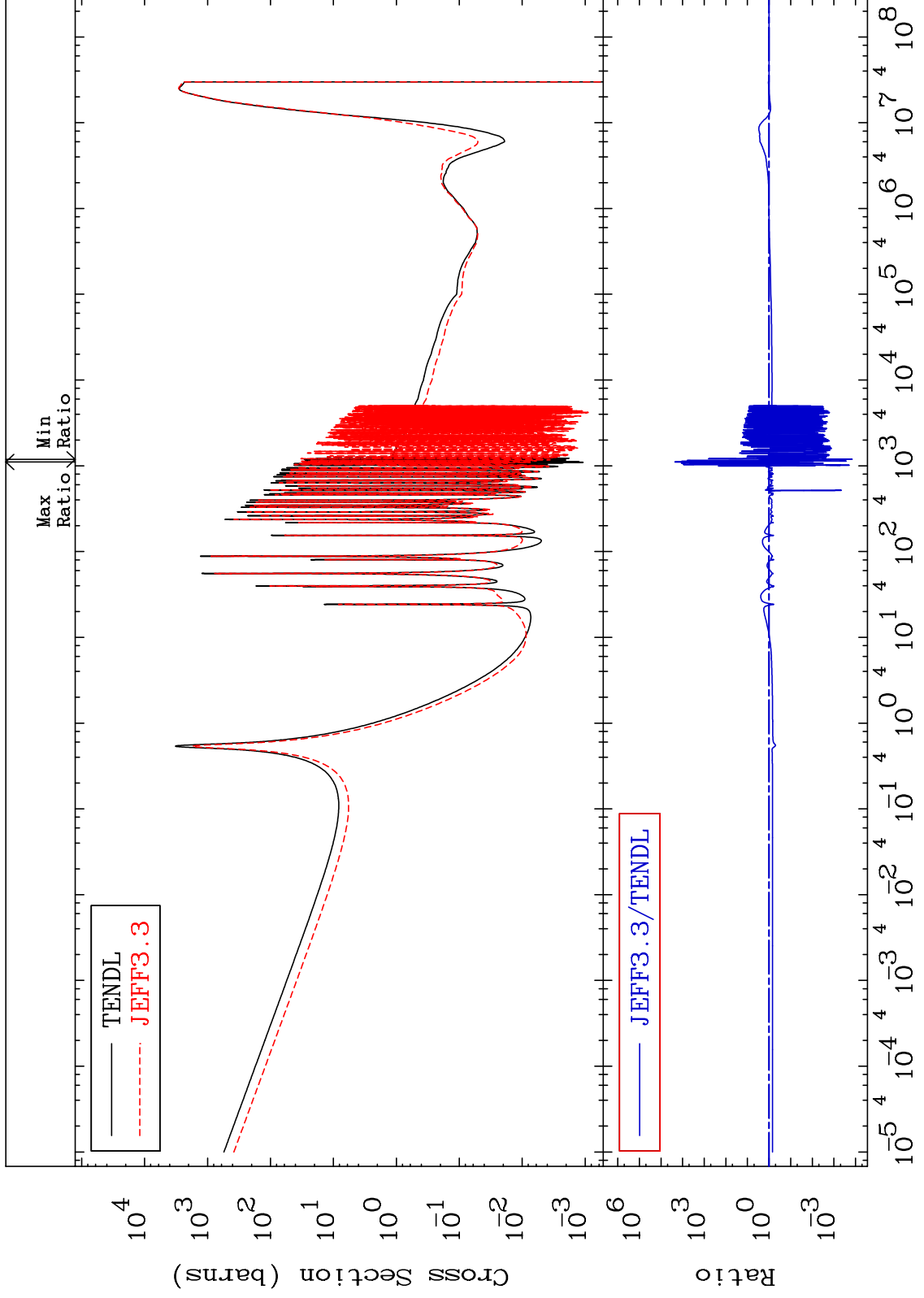
77

88-Ra-226

MAT 8834

Dpa disappearance (mt102 -120)
Cross Section

88-Ra-226
-99.99 To 9999. %



78

Incident Energy (eV)

88-Ra-226