

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

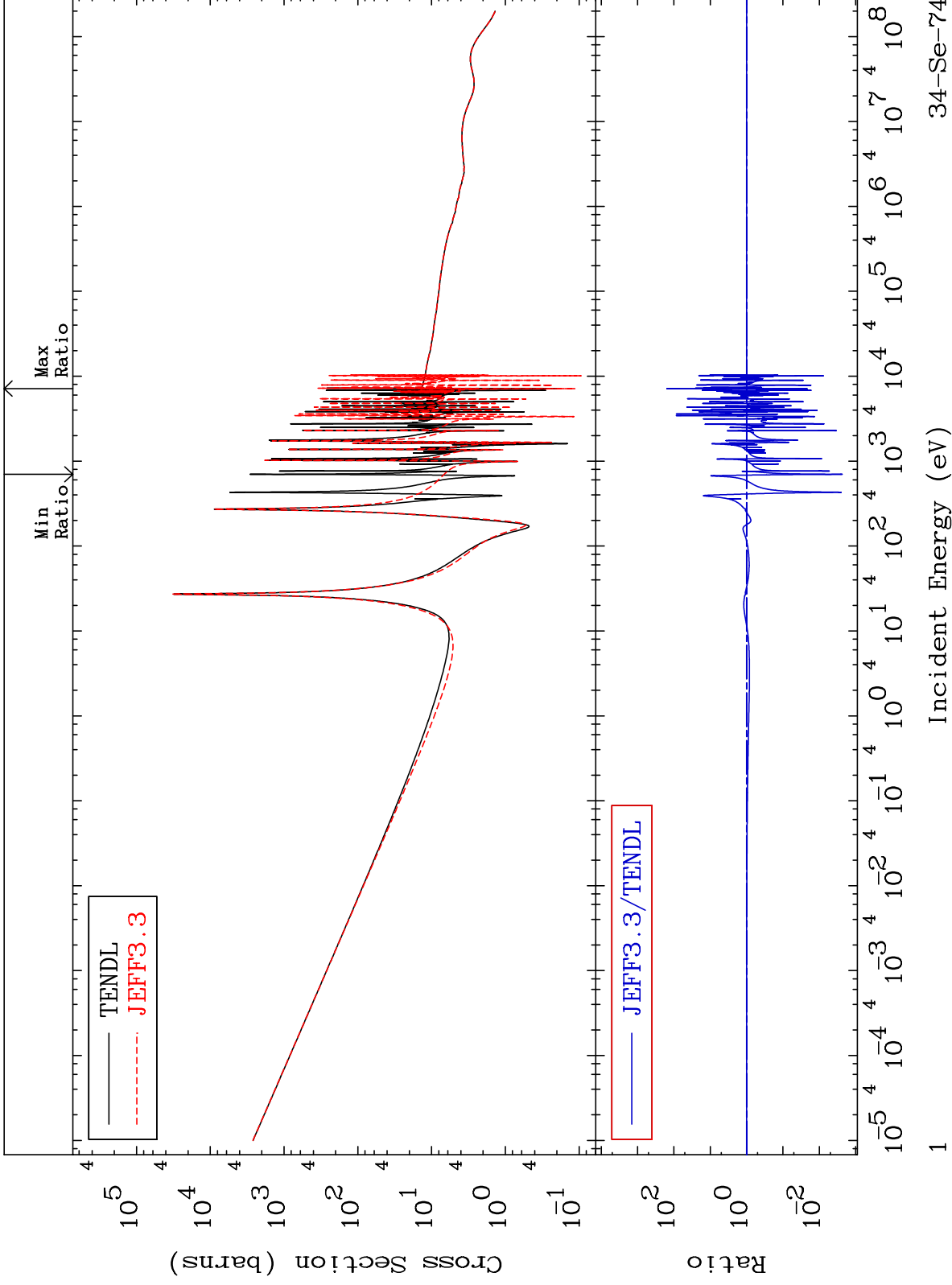
MAT 3425

Total

34-Se-74

Cross Section

-99.77 To 9999. %



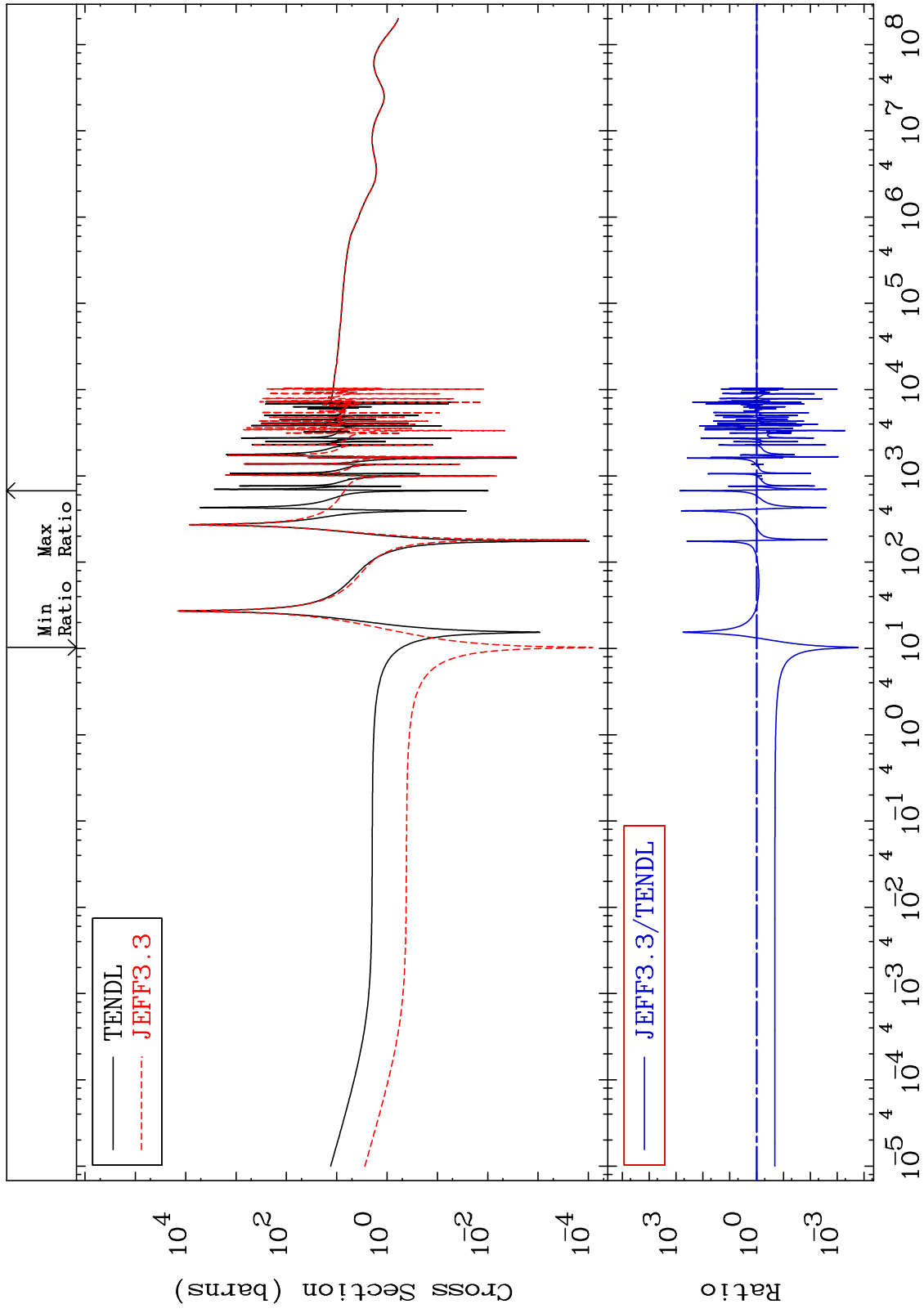
Incident Energy (eV)

34-Se-74

1

MAT 3425

Elastic Cross Section
34-Se-74
-99.98 To 9999. %



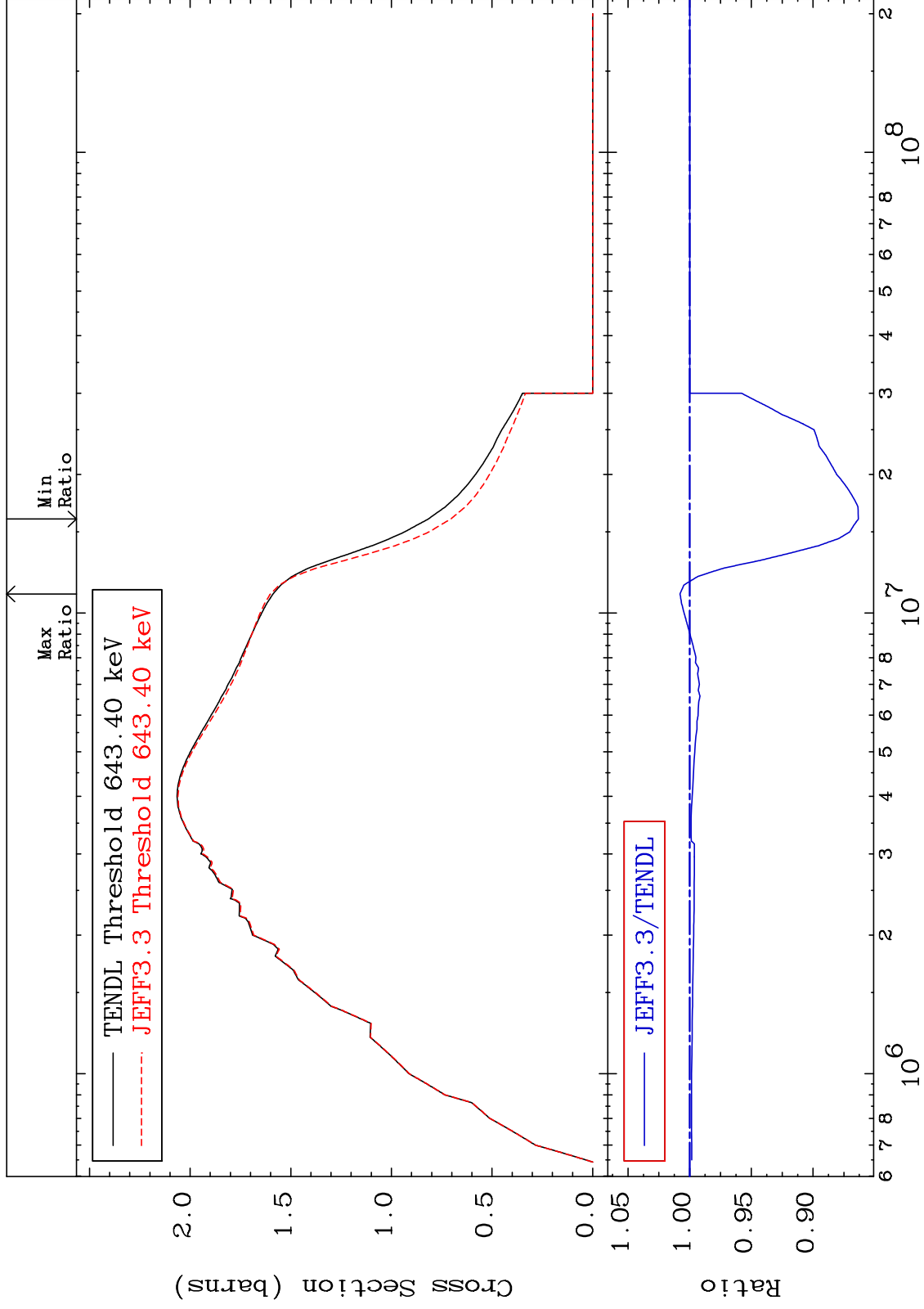
34-Se-74

MAT 3425

Inelastic
Cross Section

³⁴Se-74

-13.68 To 0.783 %



Incident Energy (eV)

³⁴Se-74

3

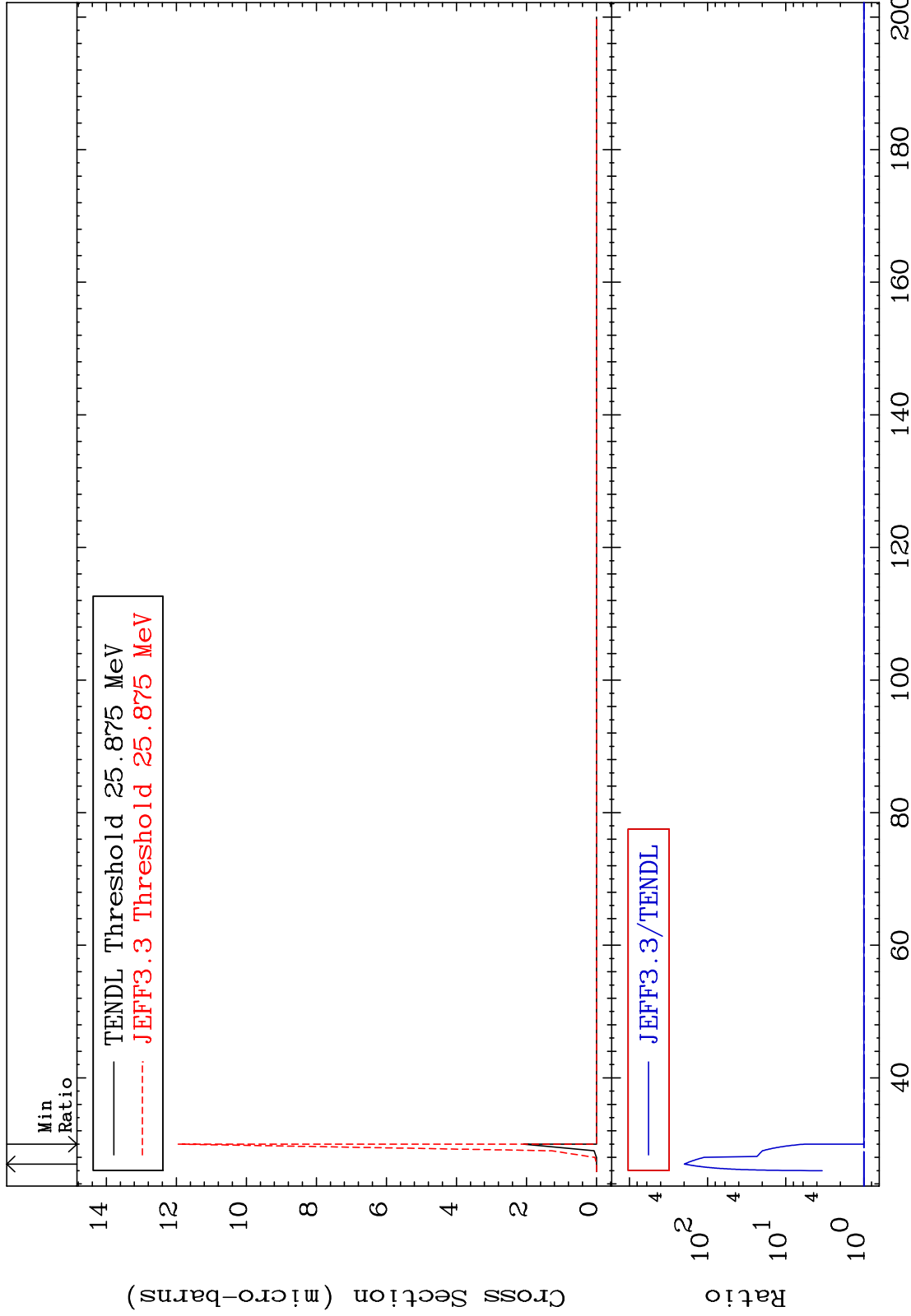
MAT 3425

(n,2n) d

³⁴Se-74

Cross Section

0.000 To 9999. %



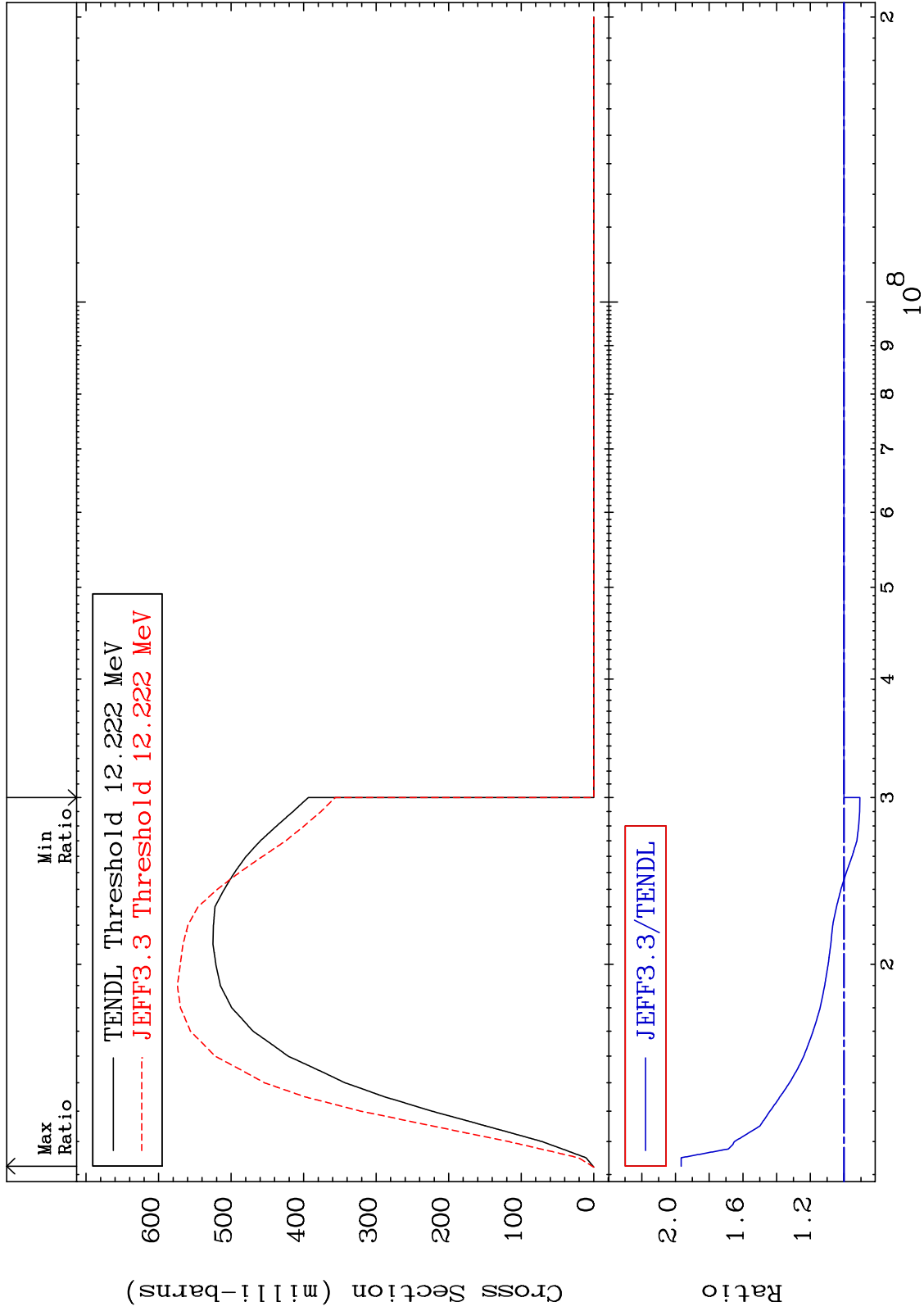
MAT 3425

(n, 2n)

³⁴Se-74

Cross Section

-9.434 To 96.59 %



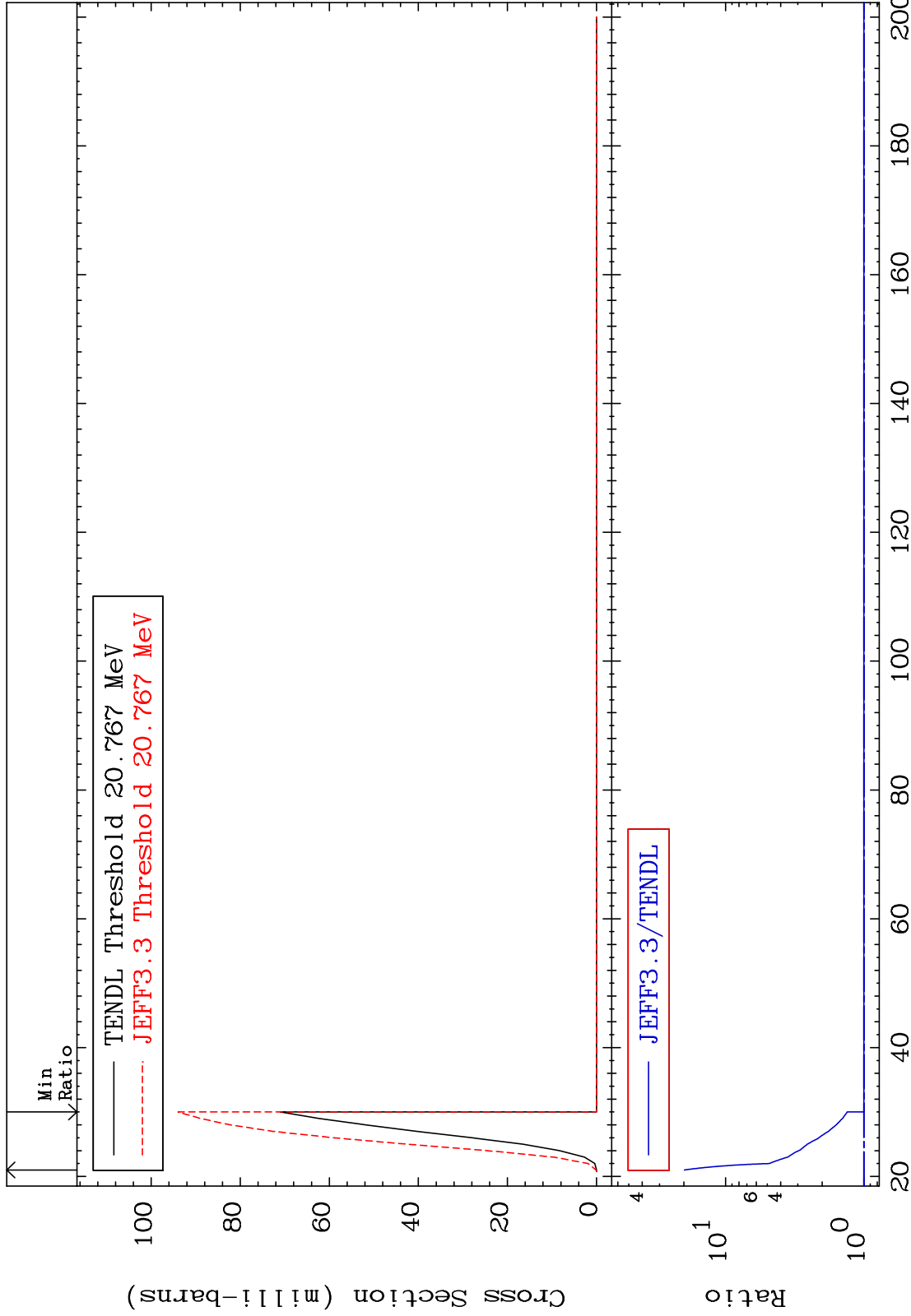
MAT 3425

(n,3n)

³⁴Se-74

Cross Section

0.000 To 1883. %



6

Incident Energy (MeV)

³⁴Se-74

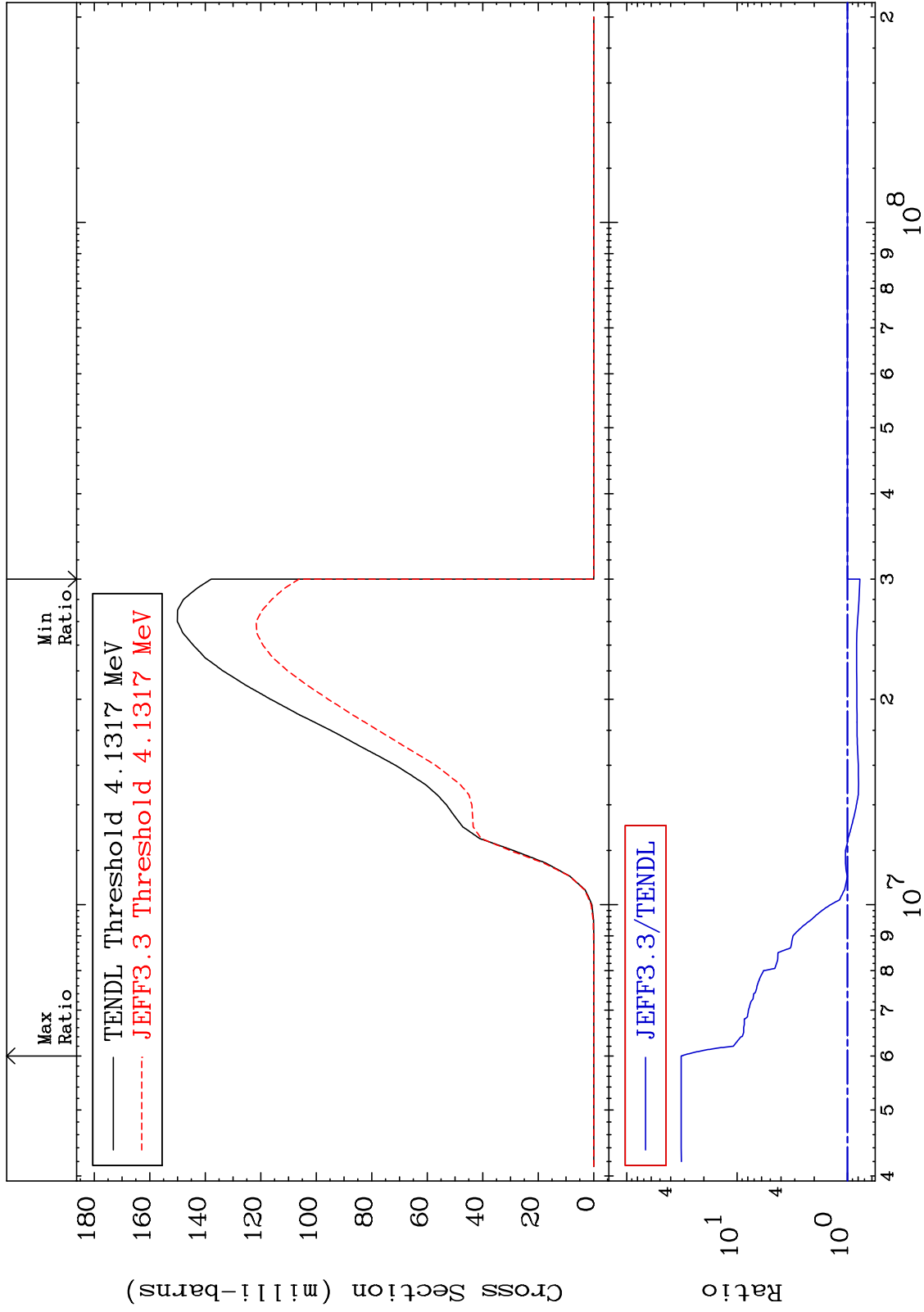
MAT 3425

(n, n') α

³⁴Se-74

Cross Section

-22.94 To 3108. %



Incident Energy (eV)

³⁴Se-74

MAT 3425

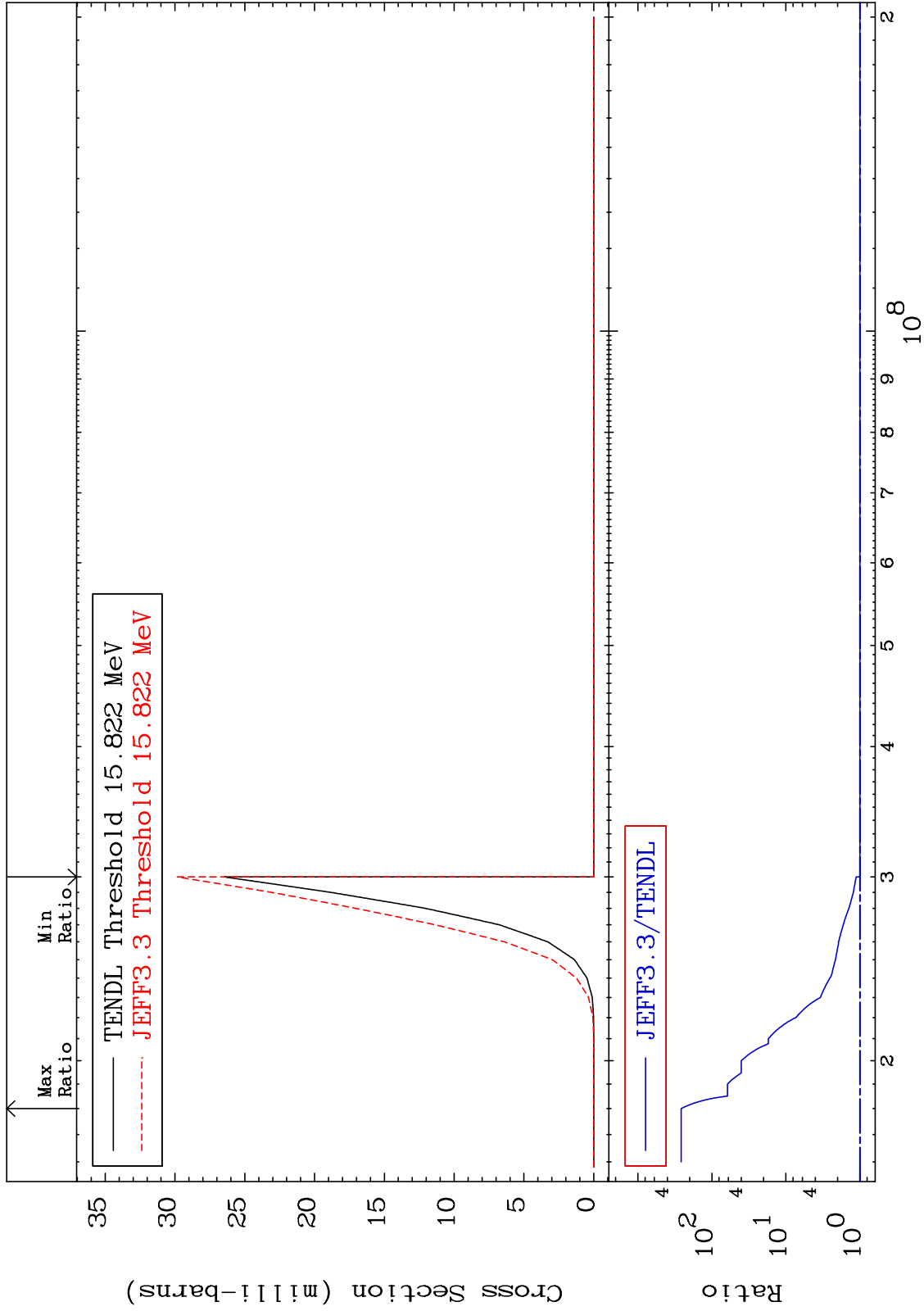
(n,2n) α

³⁴Se-74

Cross Section

0.000

To 9999. %



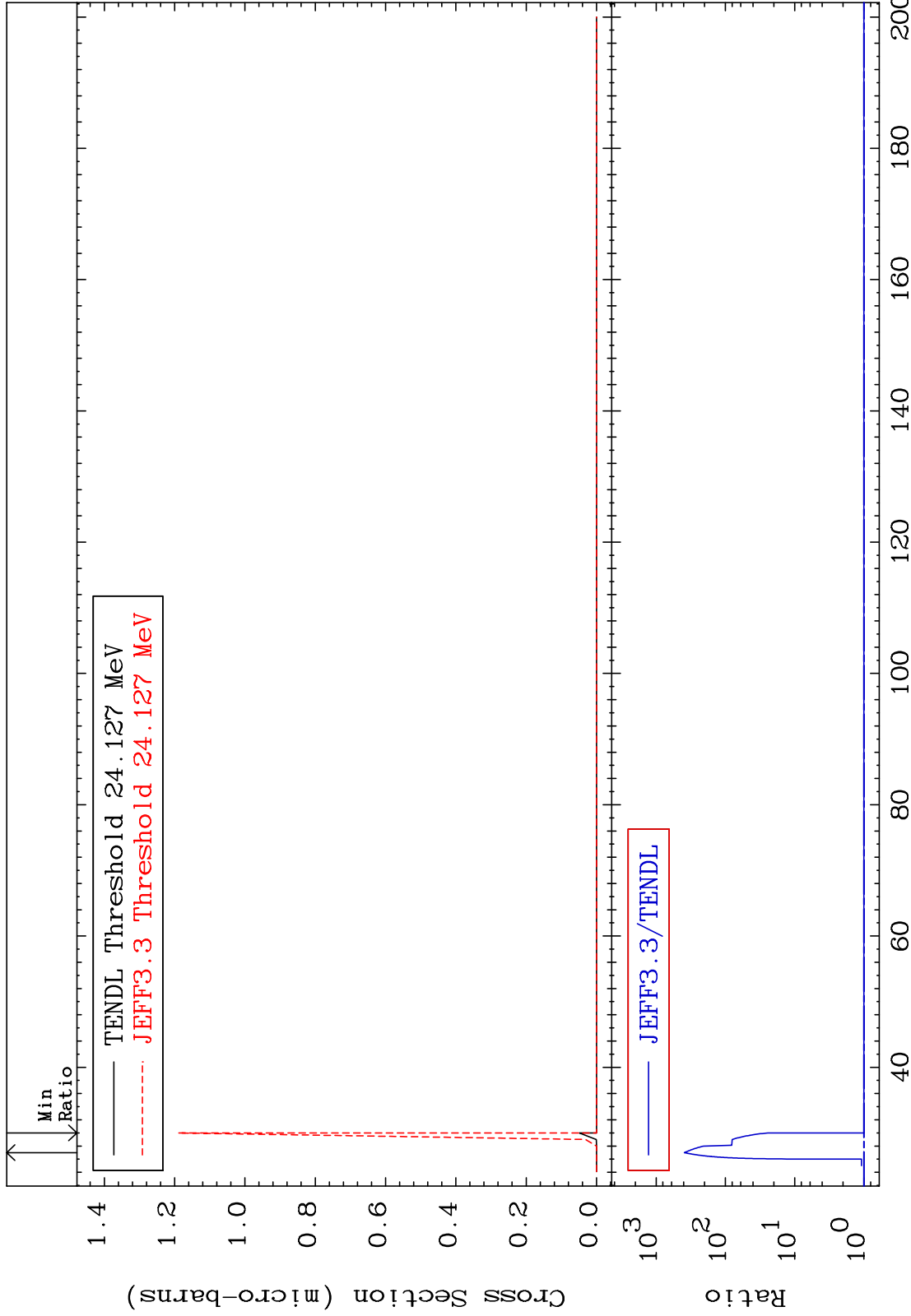
MAT 3425

(n,3n) α

³⁴Se-74

Cross Section

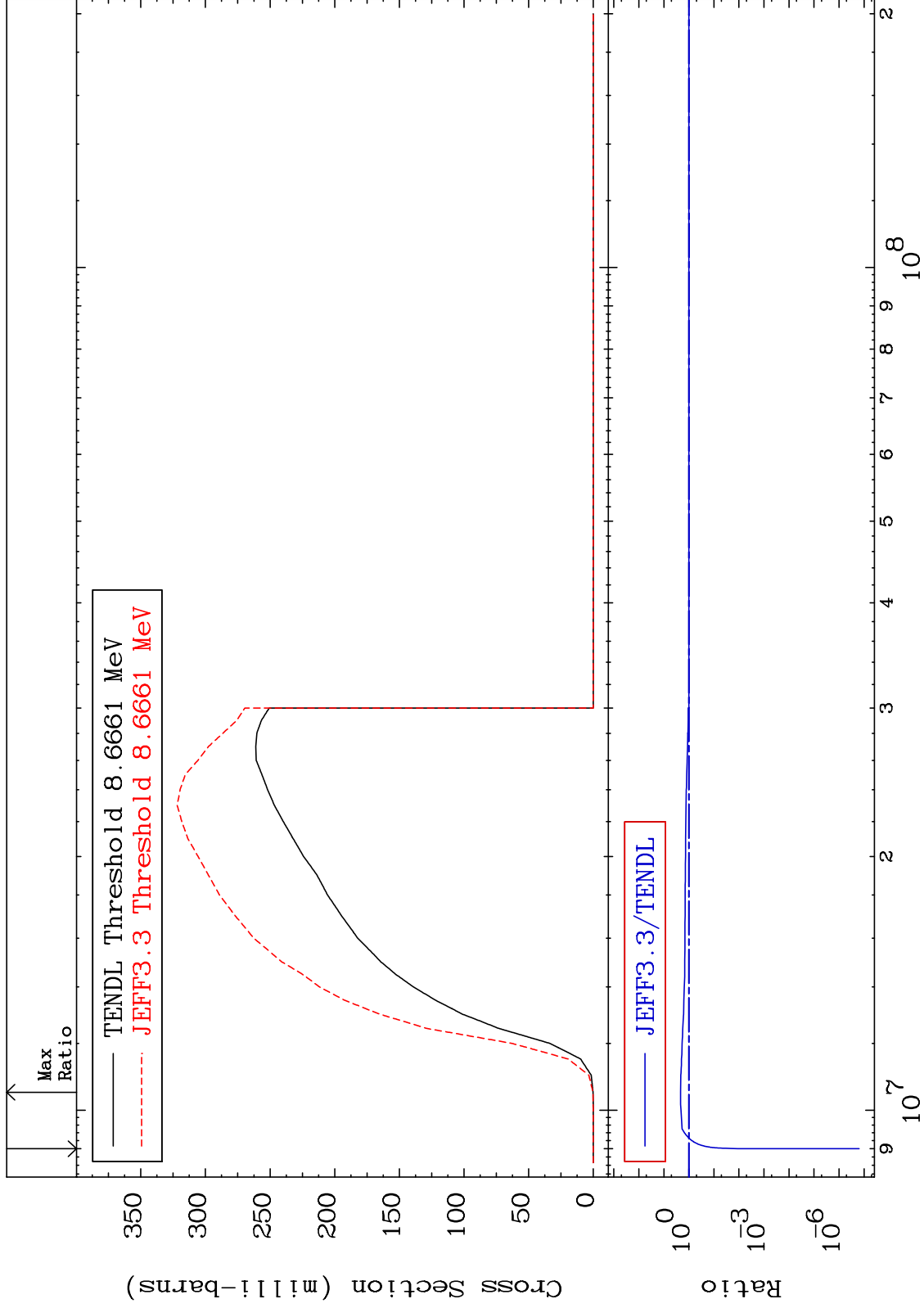
0.000 To 9999. %



MAT 3425

(n,n') p
Cross Section

³⁴Se-74
-100.0 To 114.2 %



³⁴Se-74

Incident Energy (eV)

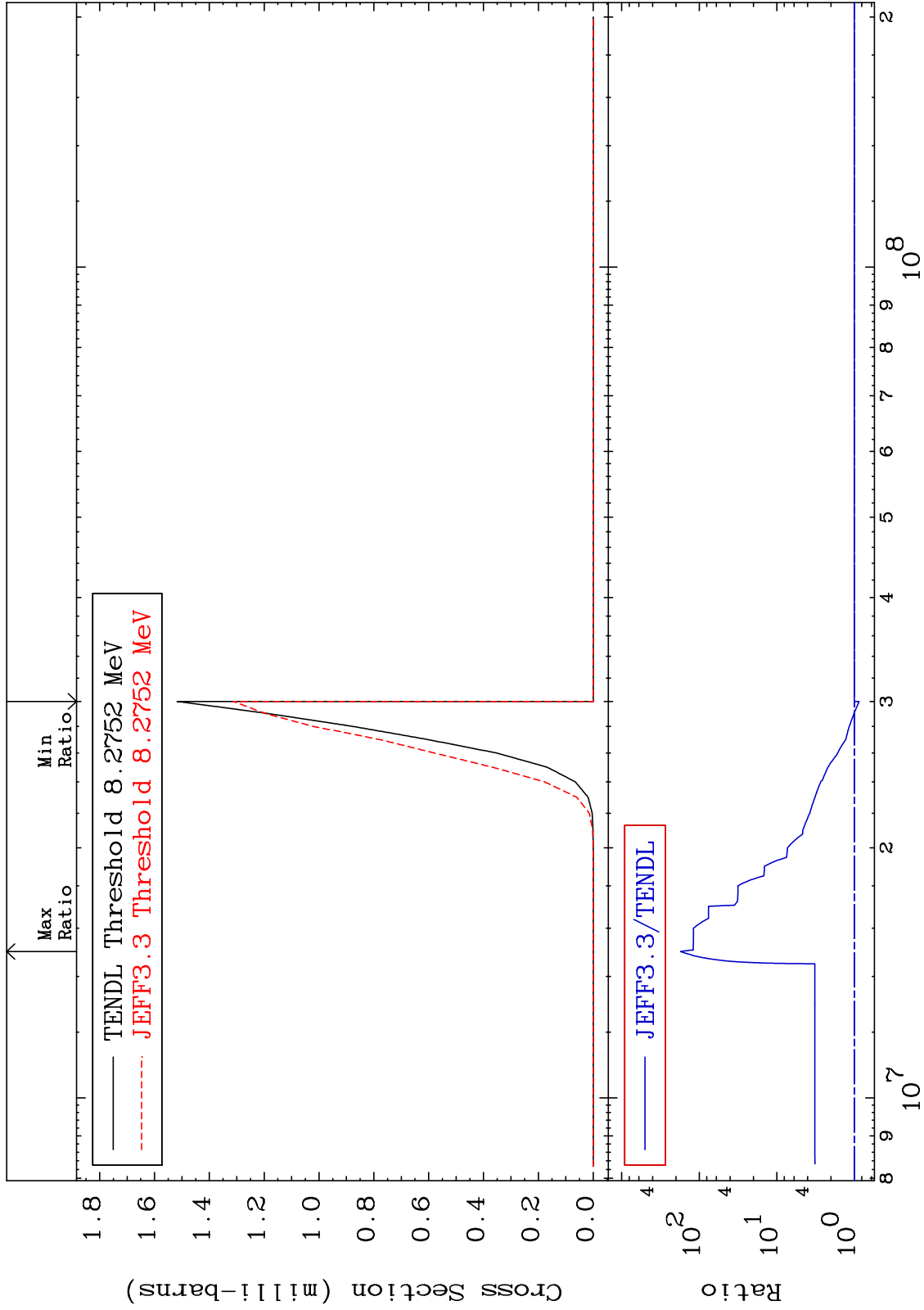
MAT 3425

(n,n') 2α

34-Se-74

Cross Section

-13.45 To 9999. %



11

Incident Energy (eV)

34-Se-74

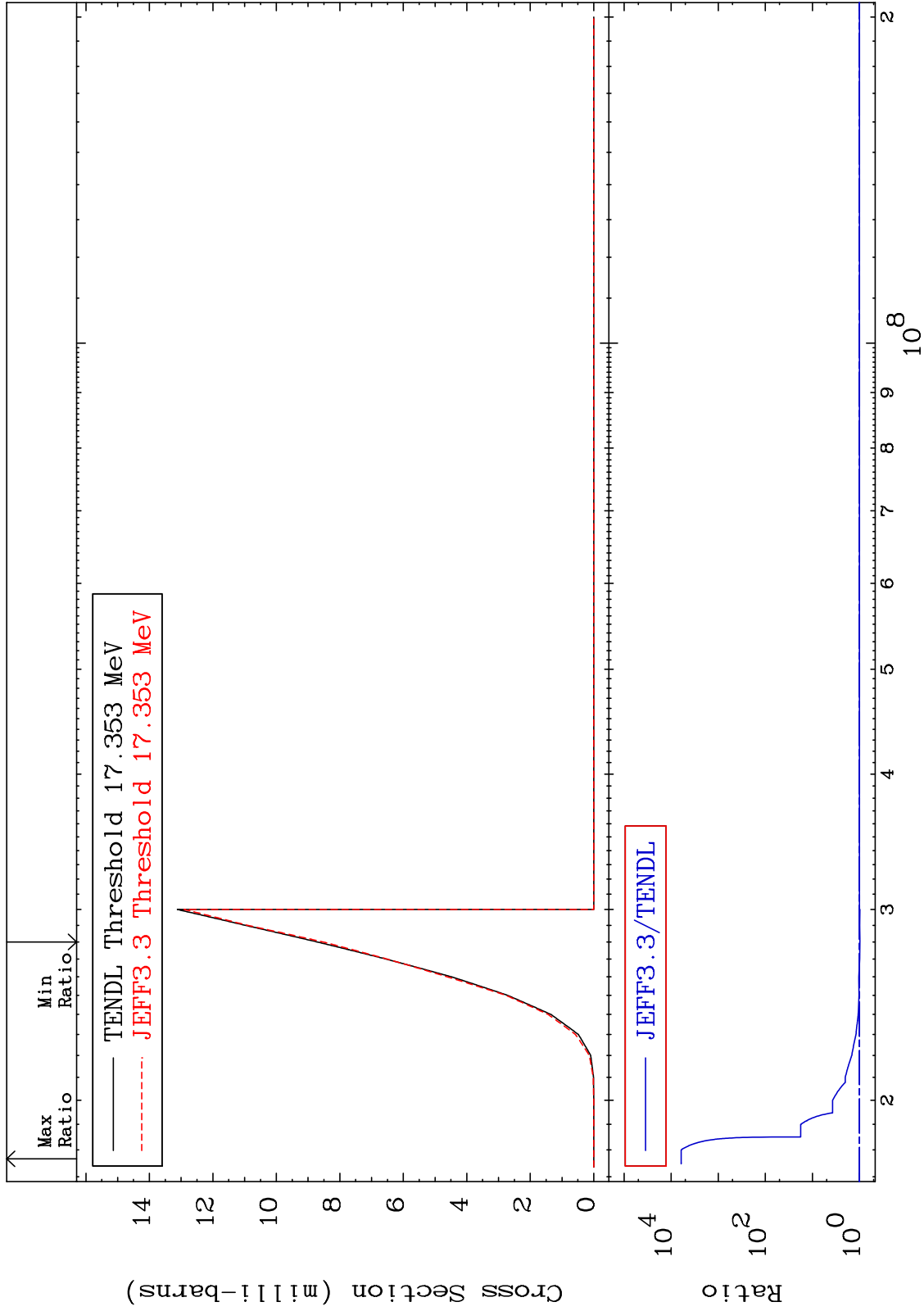
MAT 3425

(n,n') d

³⁴Se-74

Cross Section

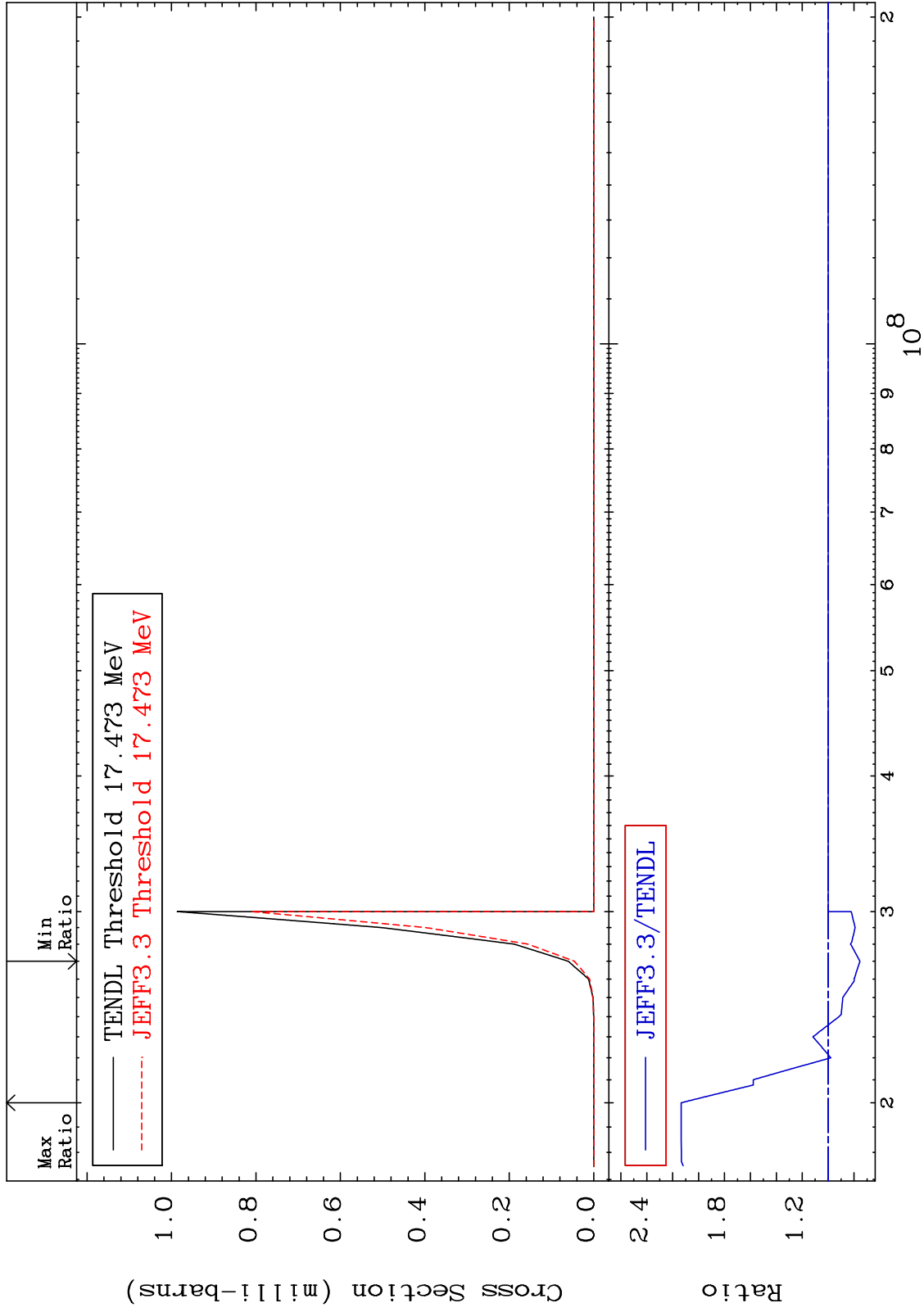
-2.160 To 9999. %



MAT 3425

(n, n') He-3
Cross Section

³⁴Se-74
-24.55 To 113.4 %



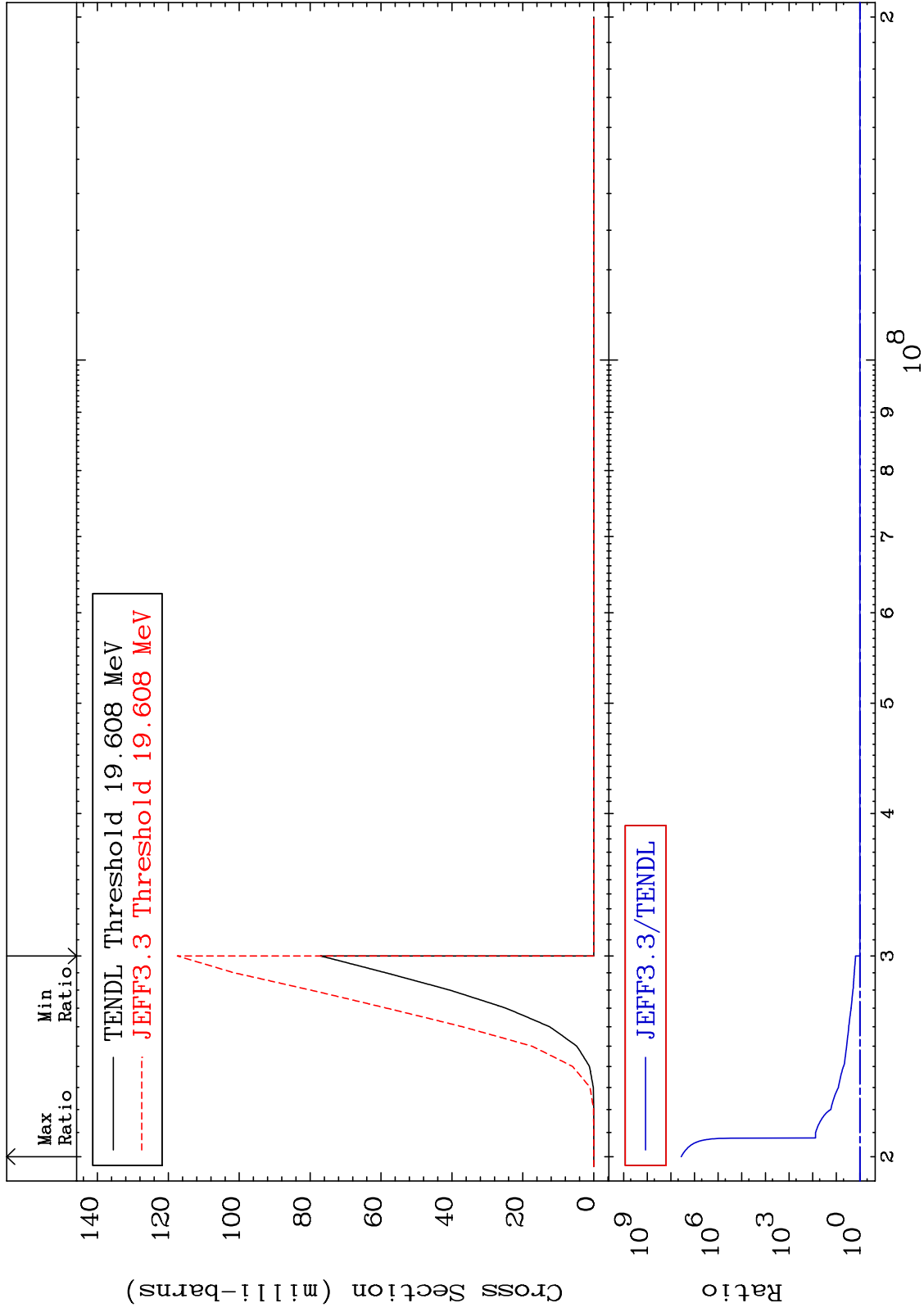
MAT 3425

(n,2n) p

³⁴Se-74

Cross Section

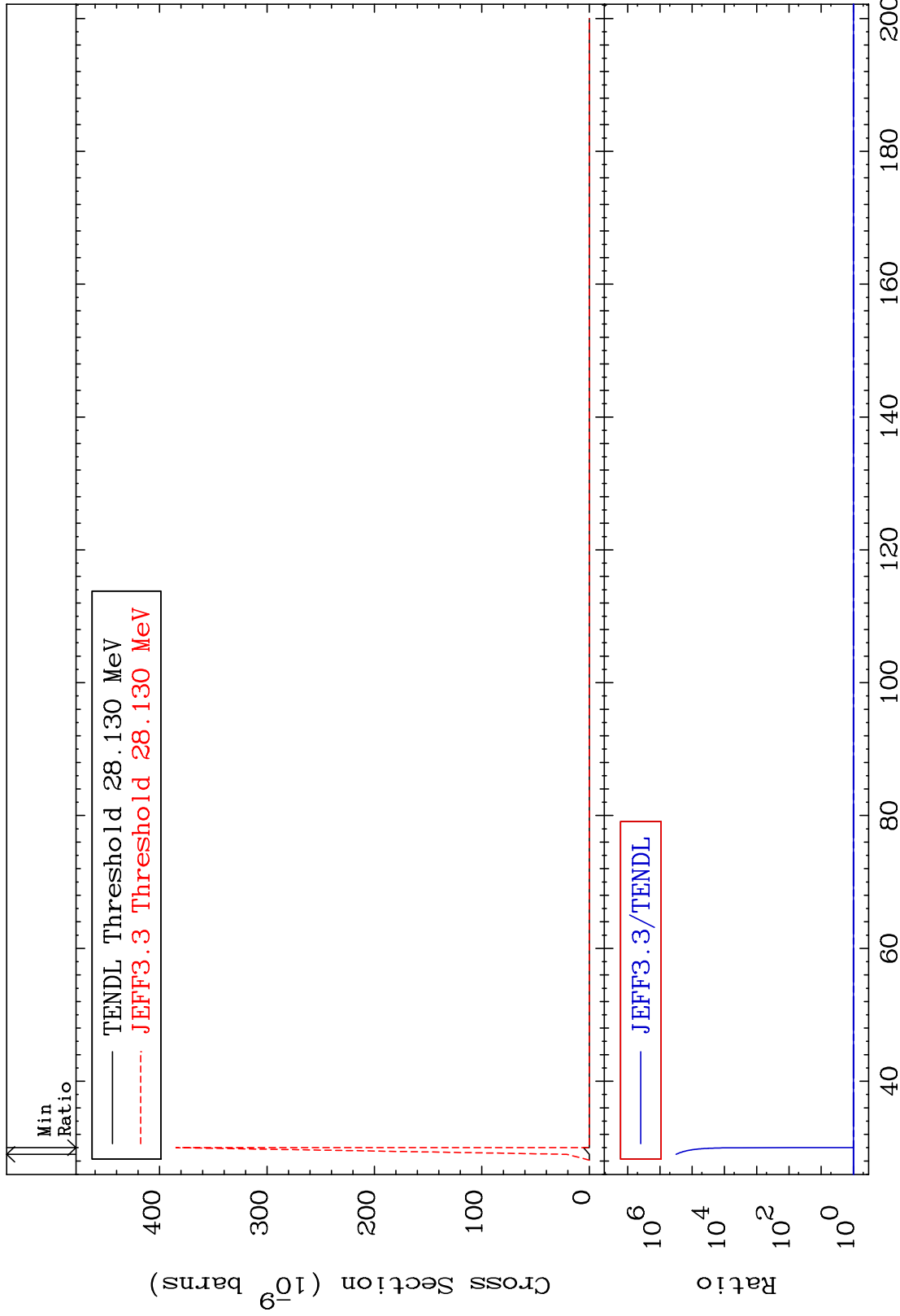
0.000 To 9999. %



MAT 3425

(n,3n) p
Cross Section

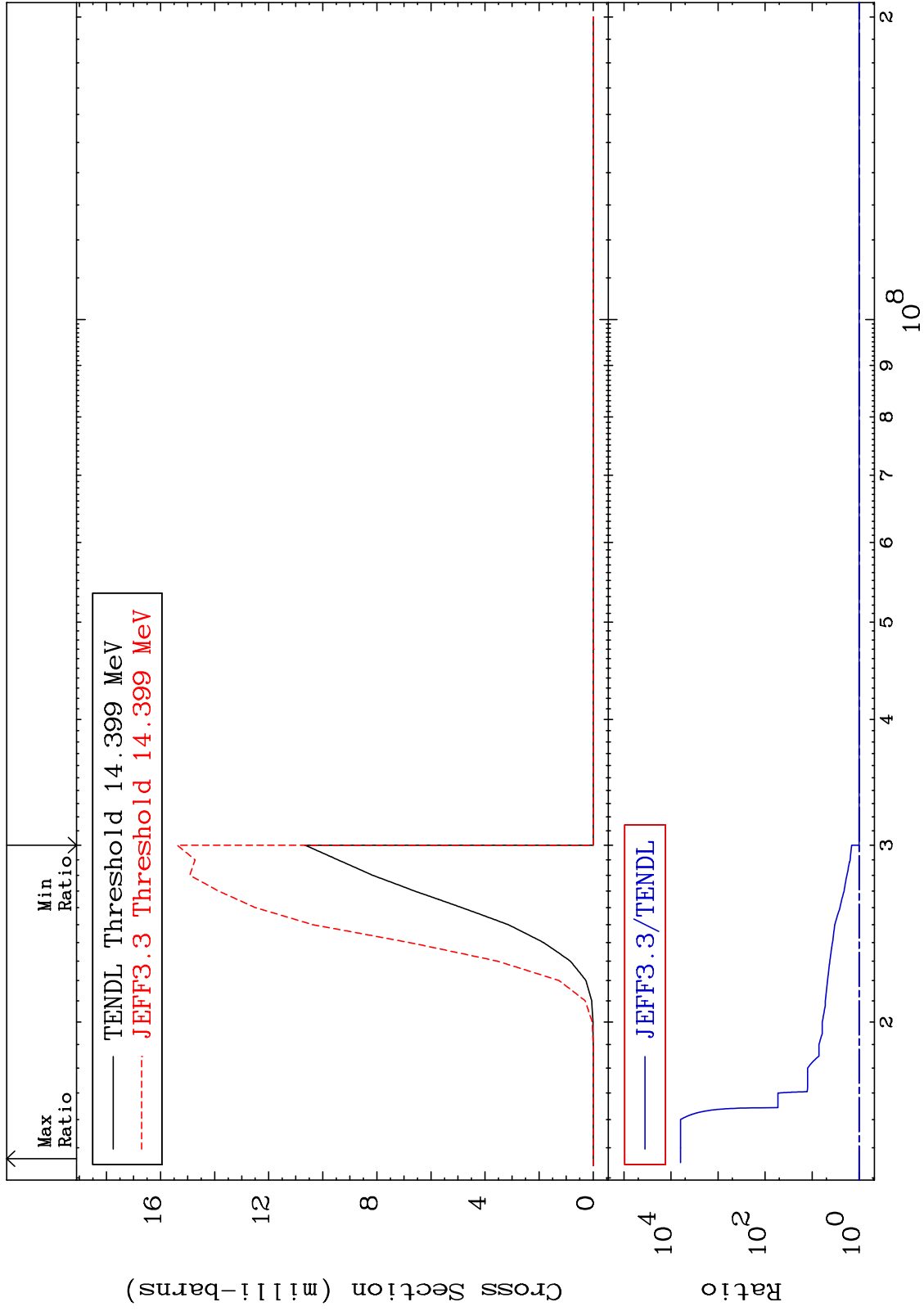
34-Se-74
0.000 To 9999. %



MAT 3425

(n,2n) p
Cross Section

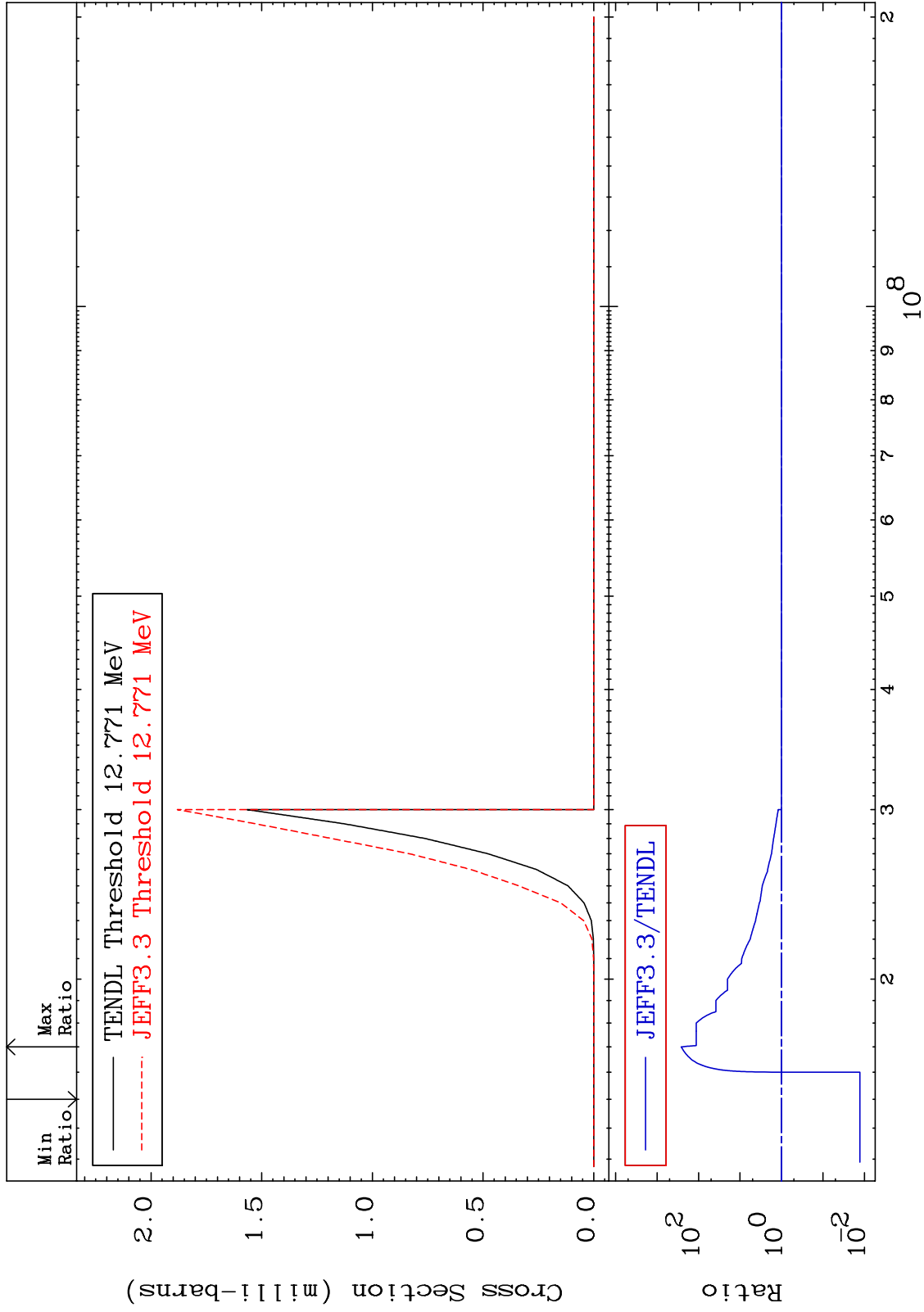
34-Se-74
0.000 To 9999. %



MAT 3425

(n,n') p α
Cross Section

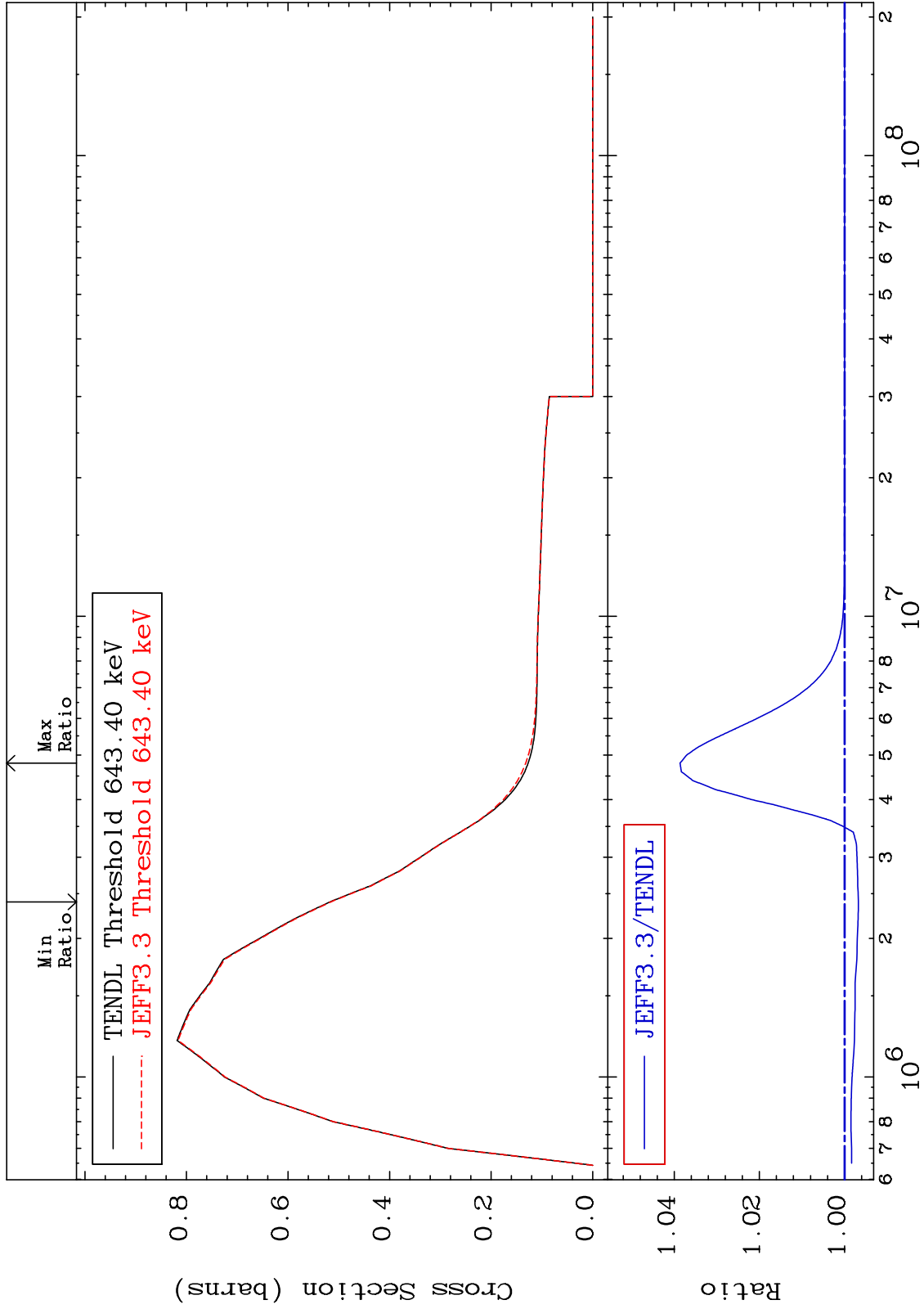
³⁴Se-74
-98.72 To 9999. %



MAT 3425

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

34-Se-74
-0.326 To 3.865 %



19

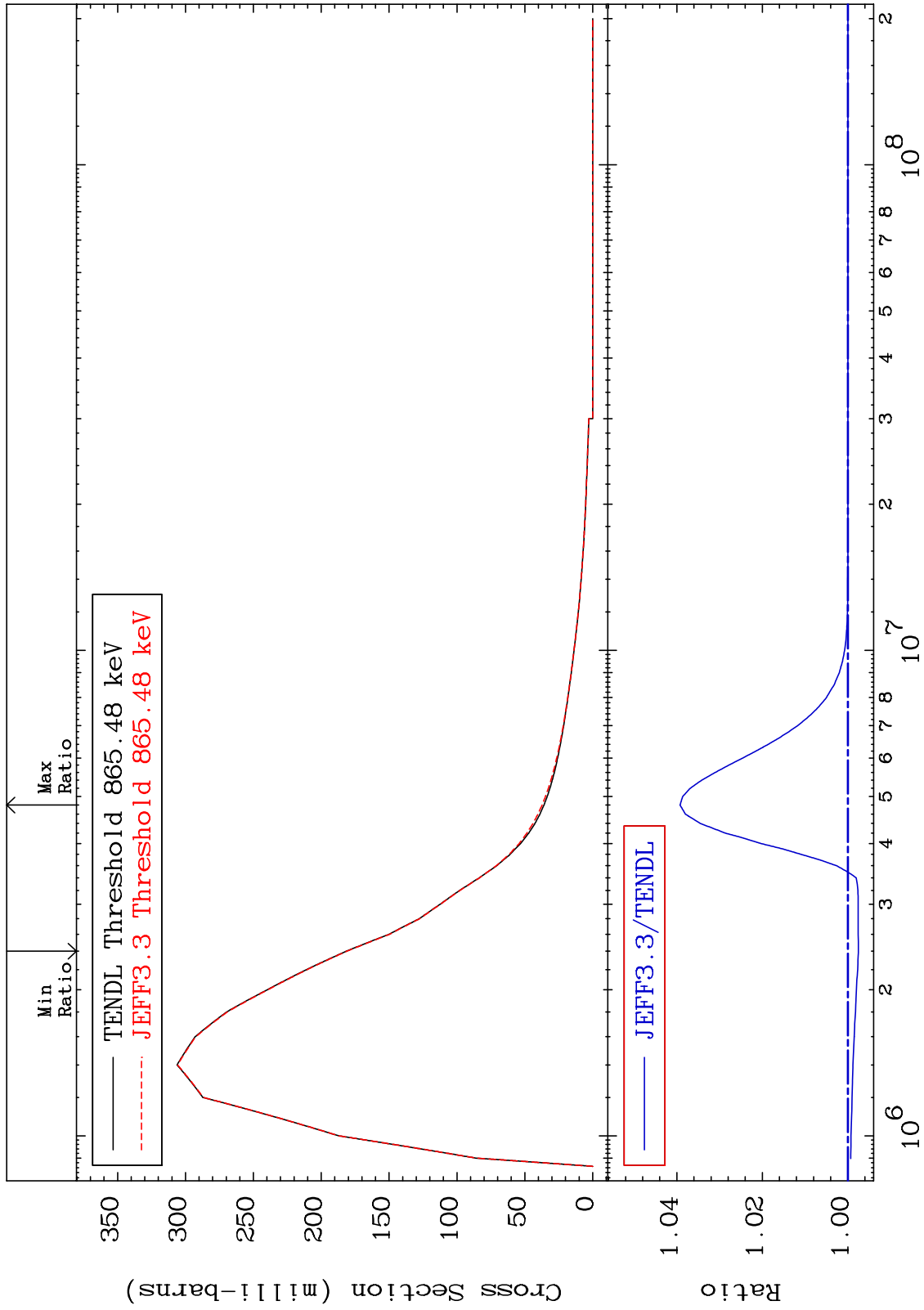
Incident Energy (eV)

34-Se-74

MAT 3425

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

34-Se-74
-0.248 To 3.926 %



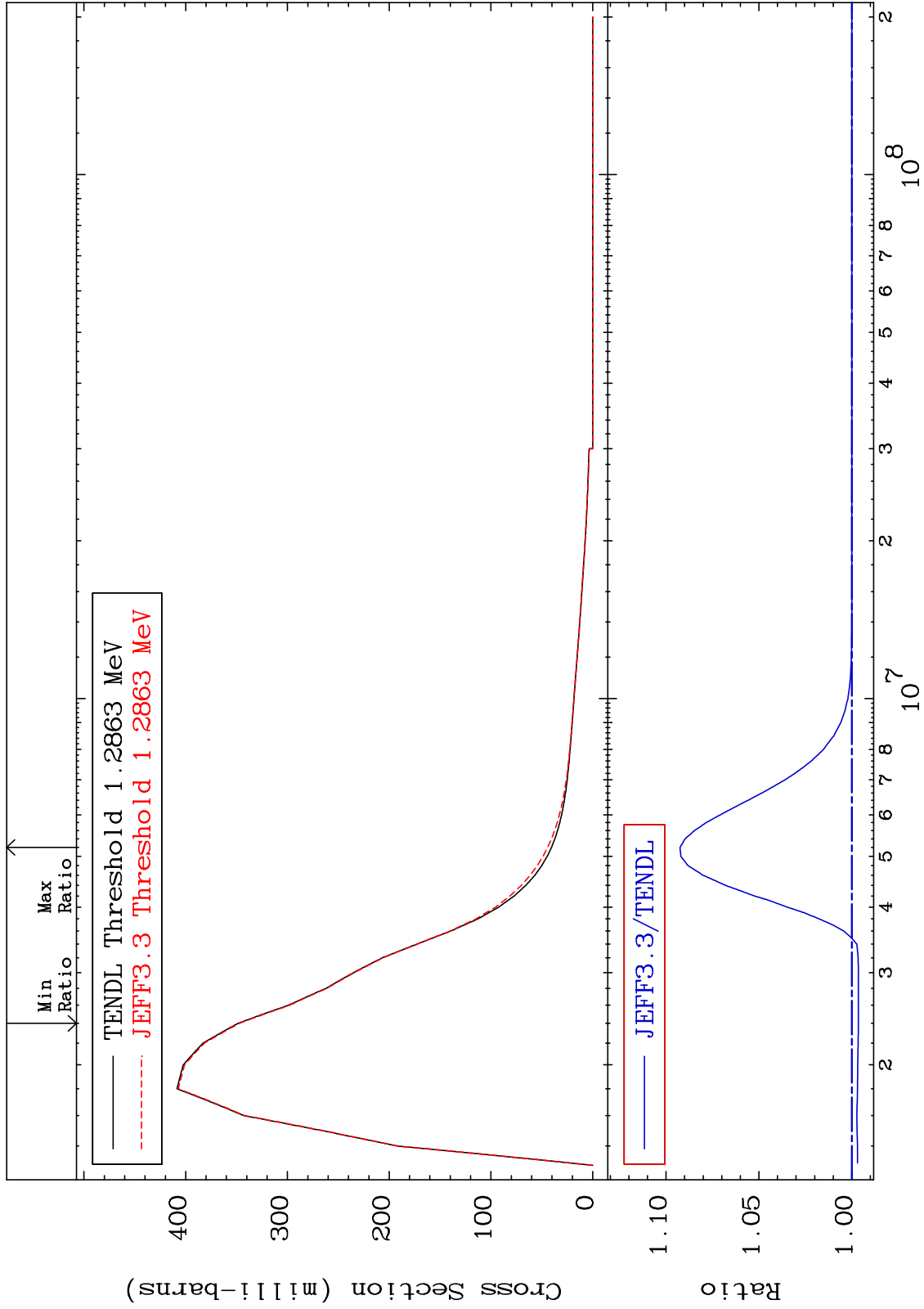
20

34-Se-74

MAT 3425

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

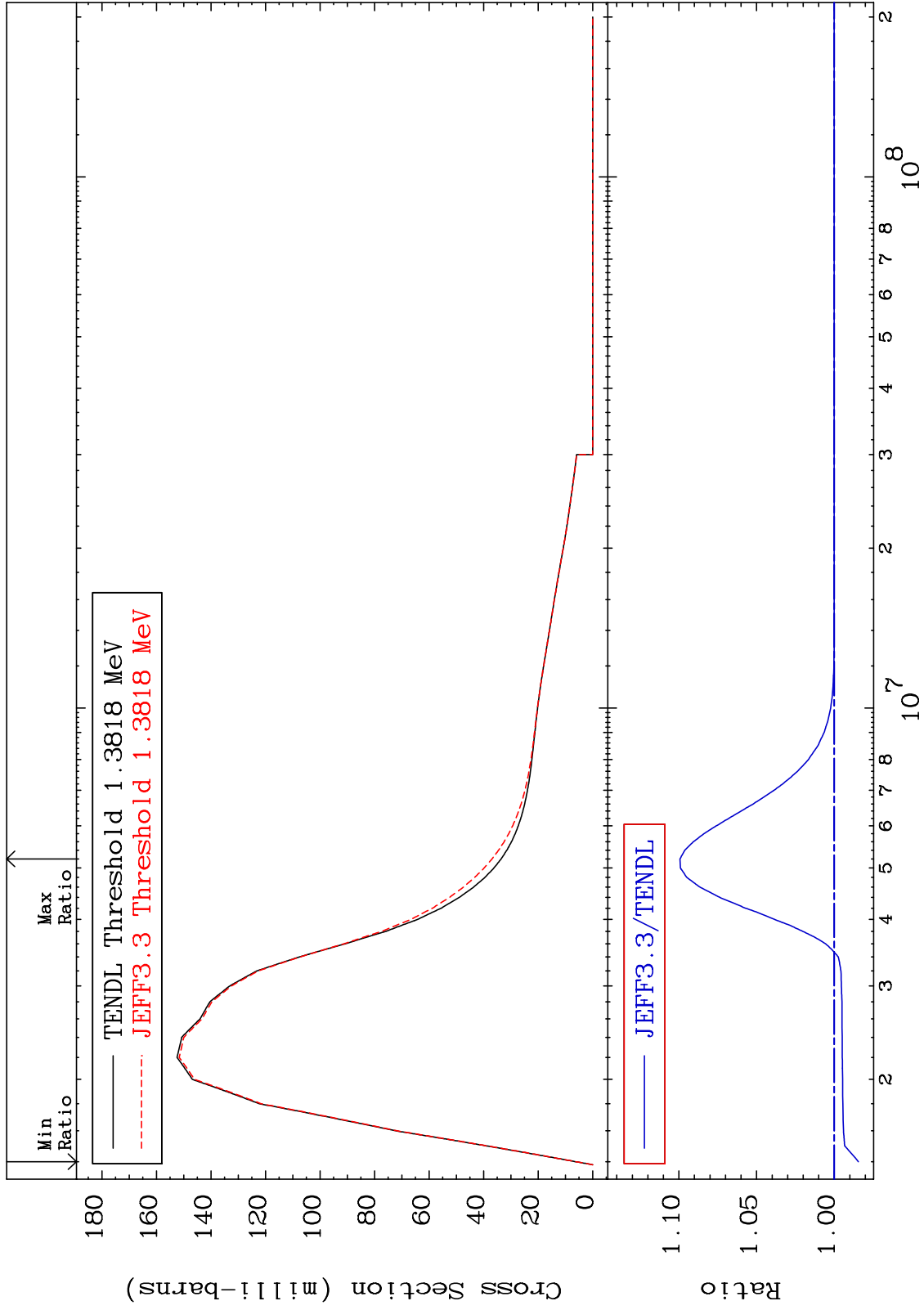
34-Se-74
-0.356 To 9.248 %



MAT 3425

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

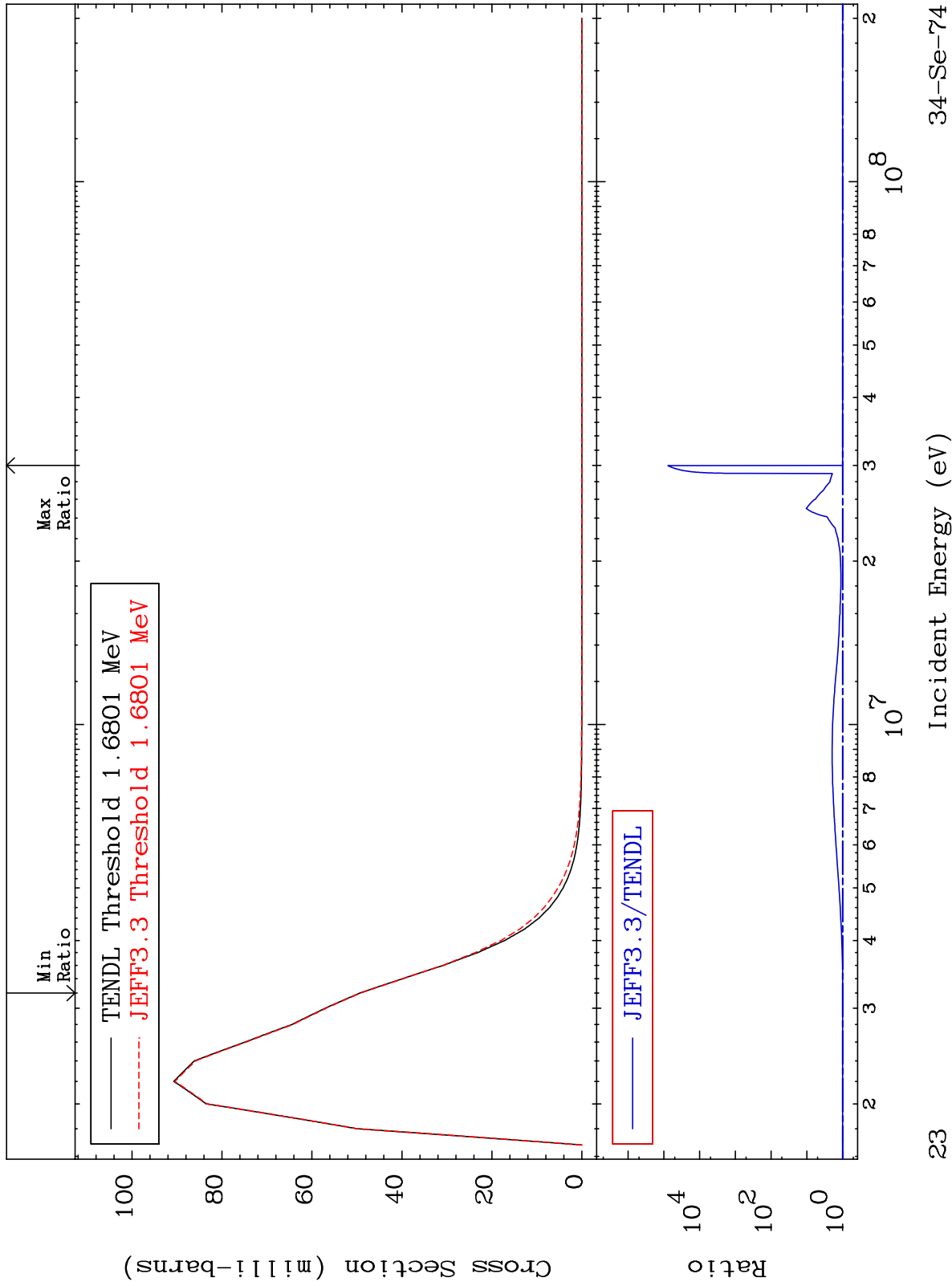
34-Se-74
-1.557 To 9.929 %



MAT 3425

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

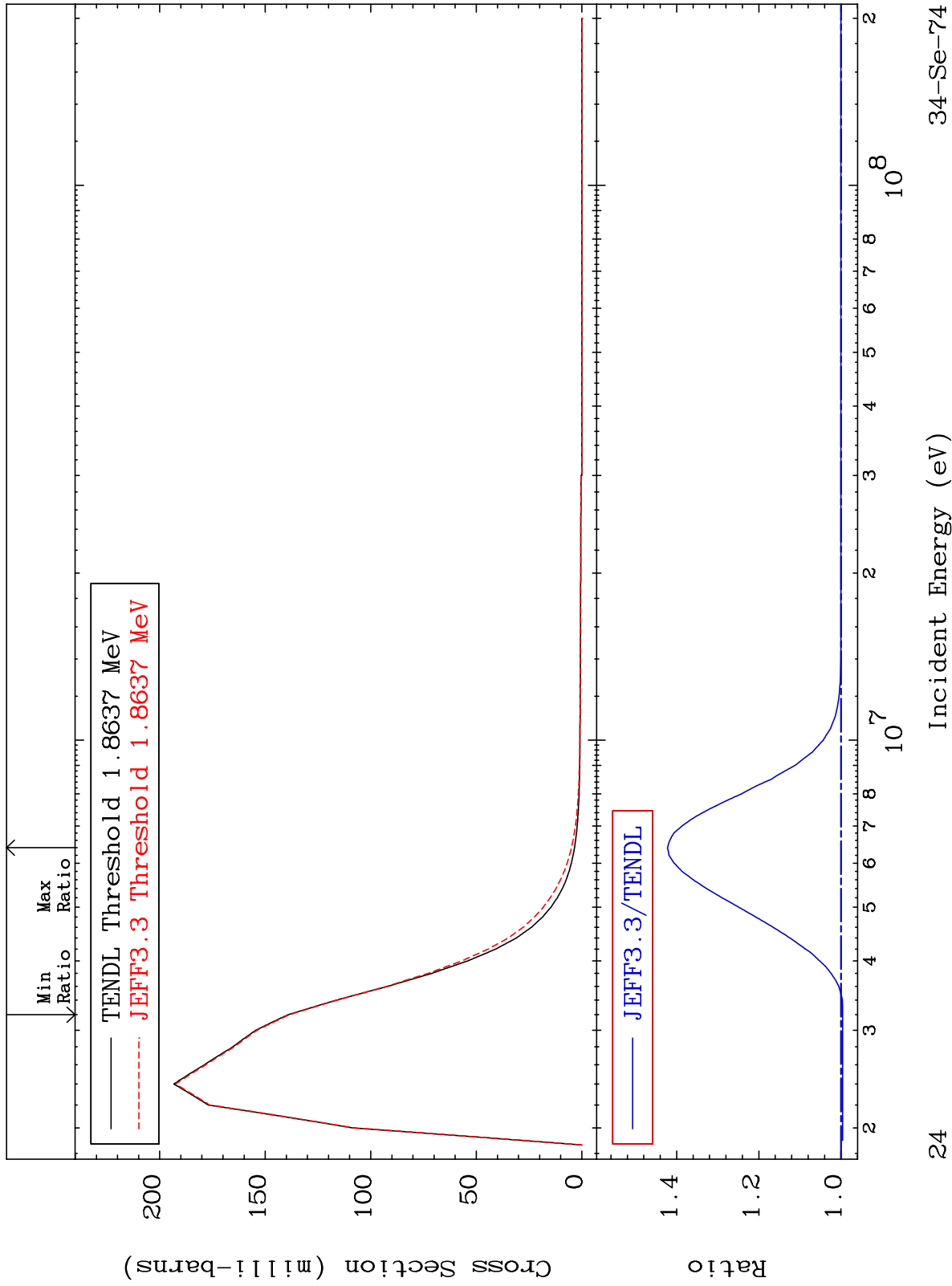
34-Se-74
-0.352 To 9999. %



MAT 3425

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

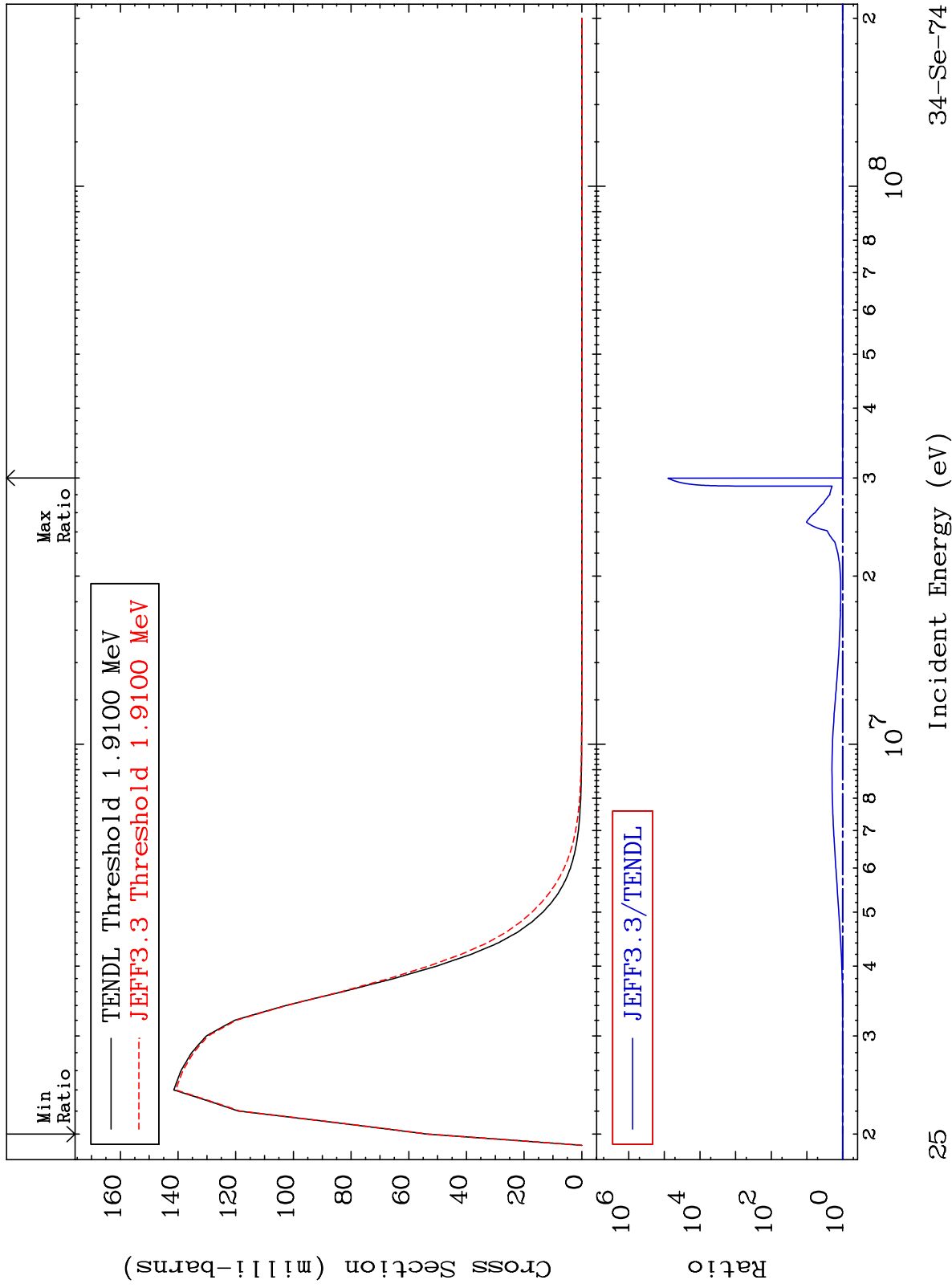
34-Se-74
-0.405 To 42.22 %



MAT 3425

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

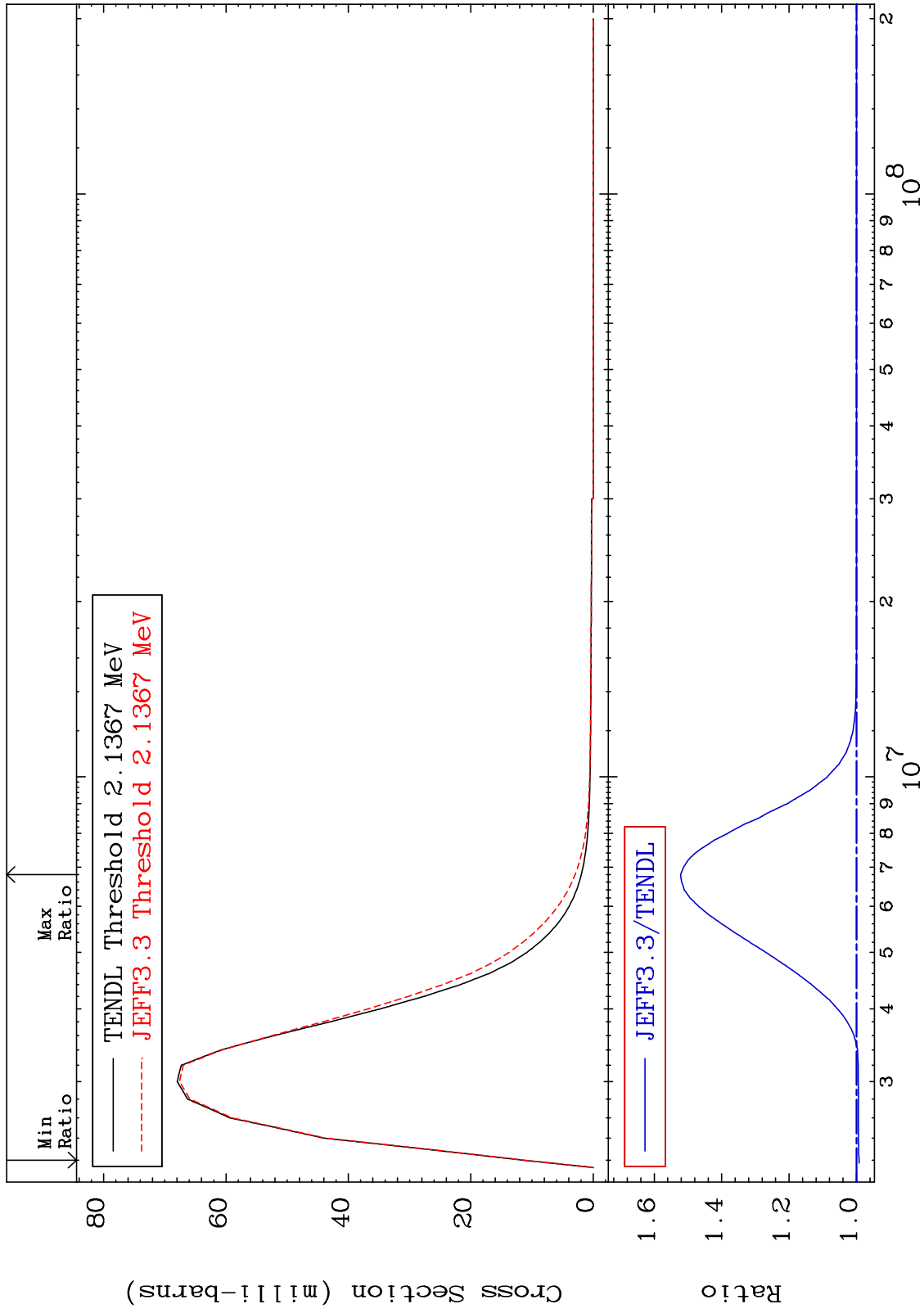
34-Se-74
-0.477 To 9999. %



MAT 3425

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

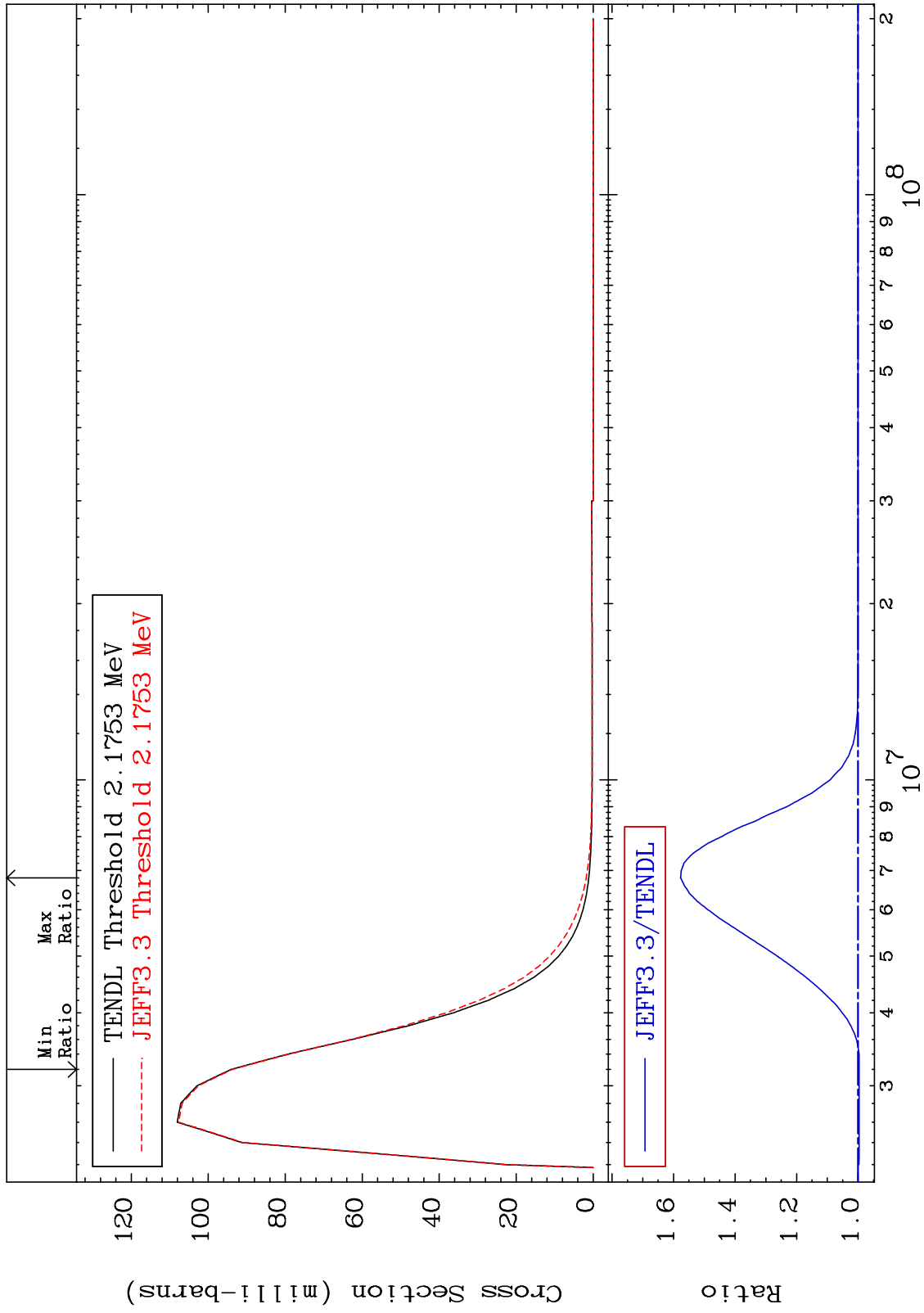
34-Se-74
-0.794 To 52.18 %



MAT 3425

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

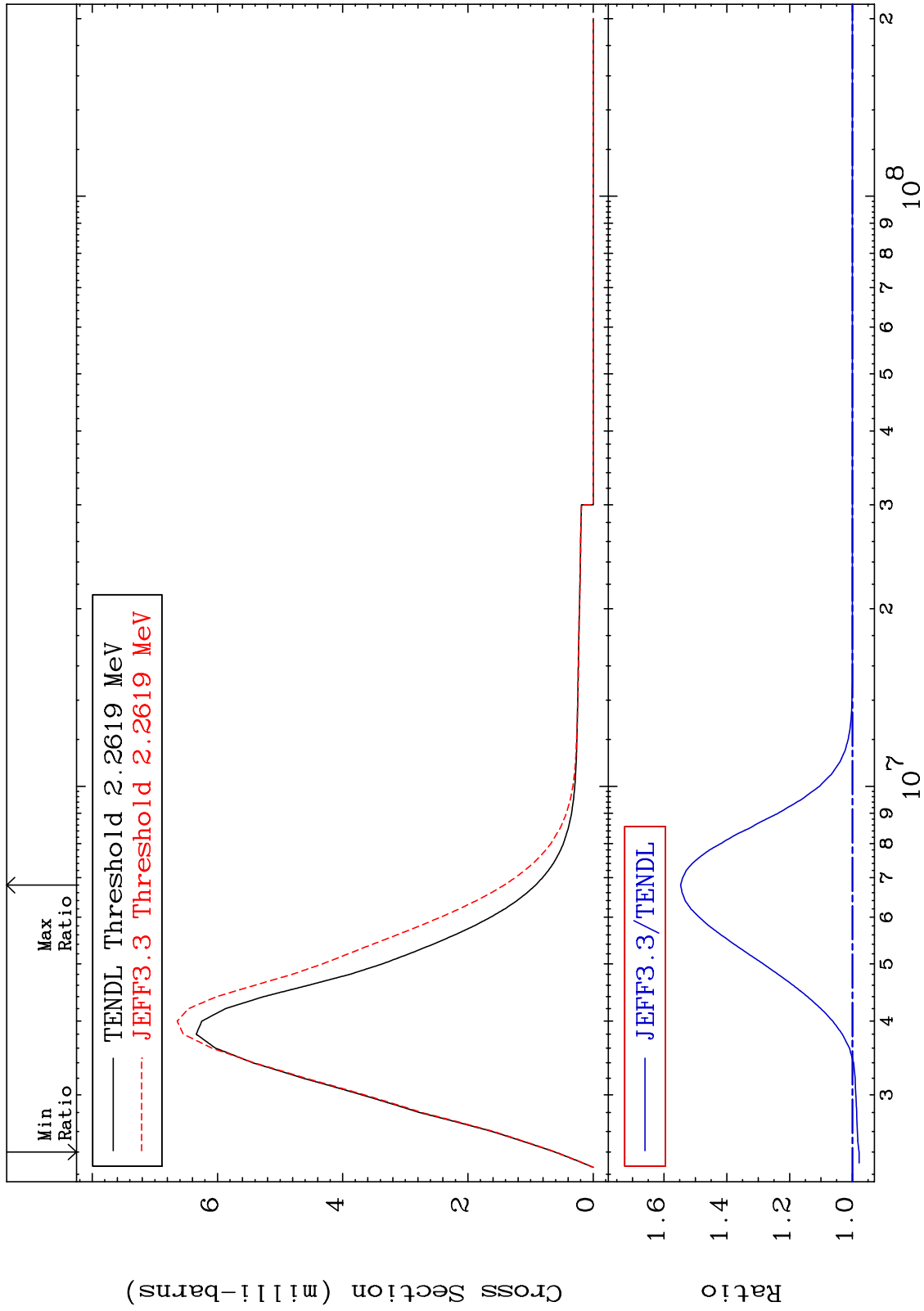
34-Se-74
-0.346 To 57.70 %



MAT 3425

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

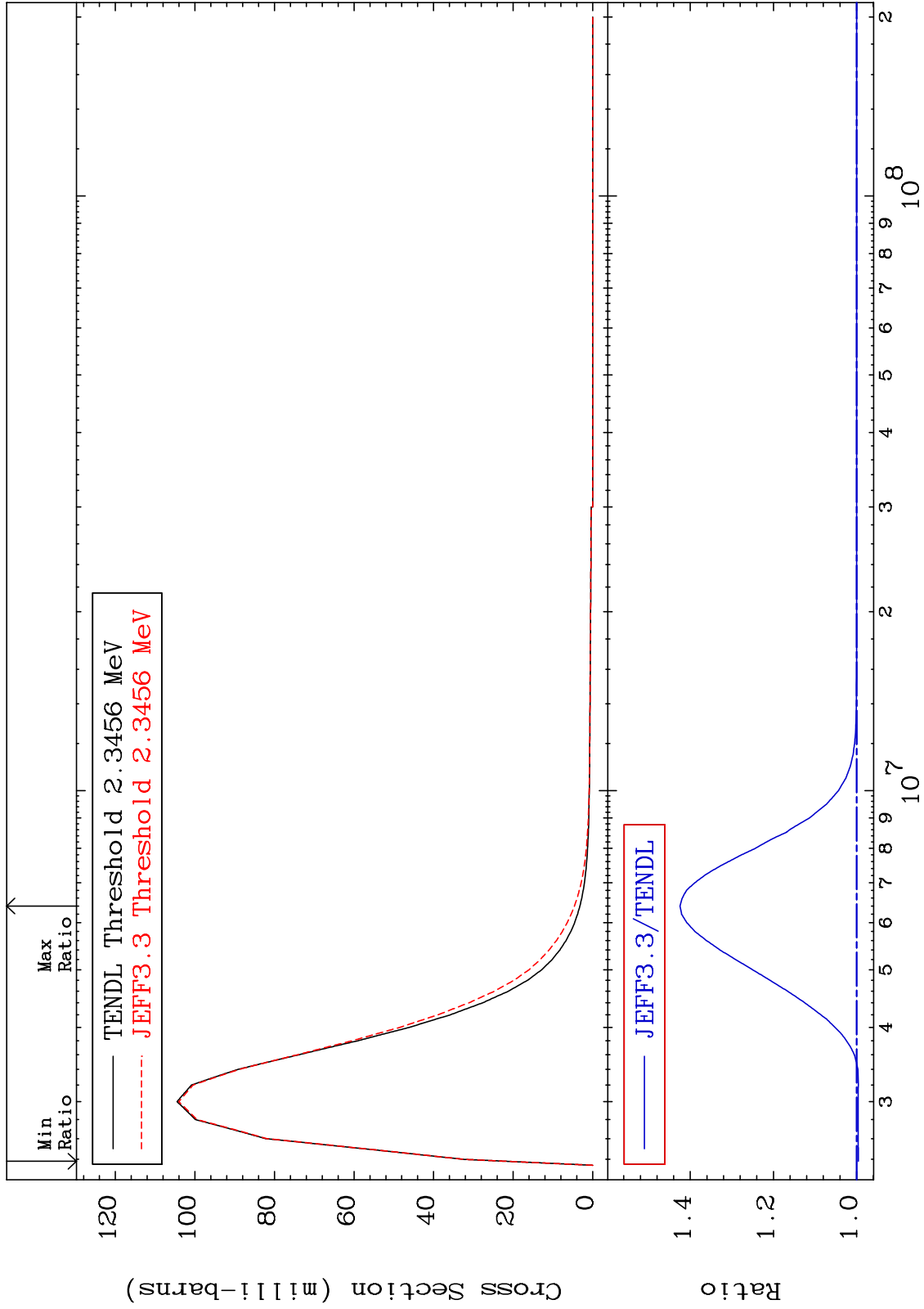
34-Se-74
-2.141 To 54.69 %



MAT 3425

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

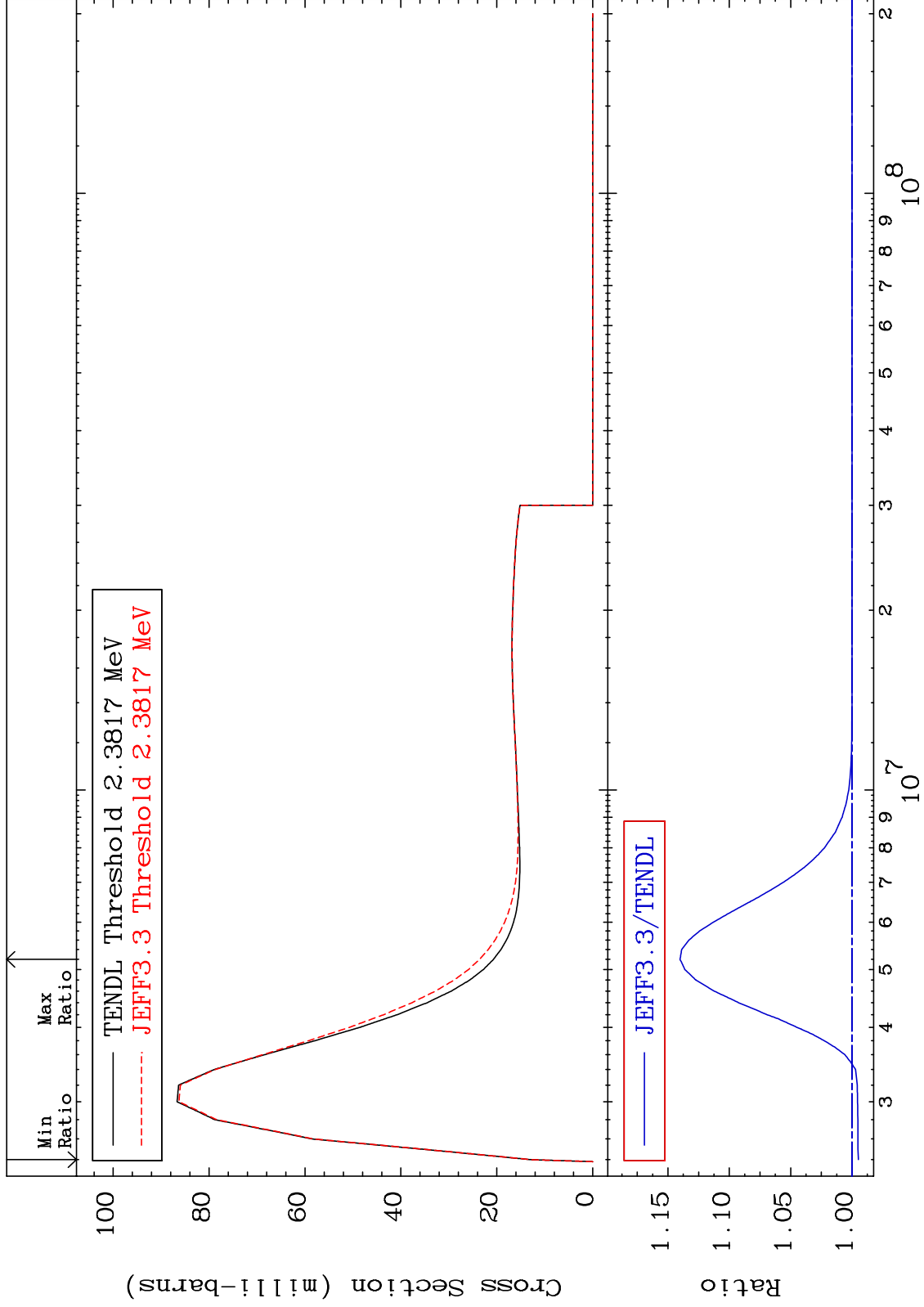
34-Se-74
-0.445 To 42.47 %



MAT 3425

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

34-Se-74
-0.521 To 14.02 %



30

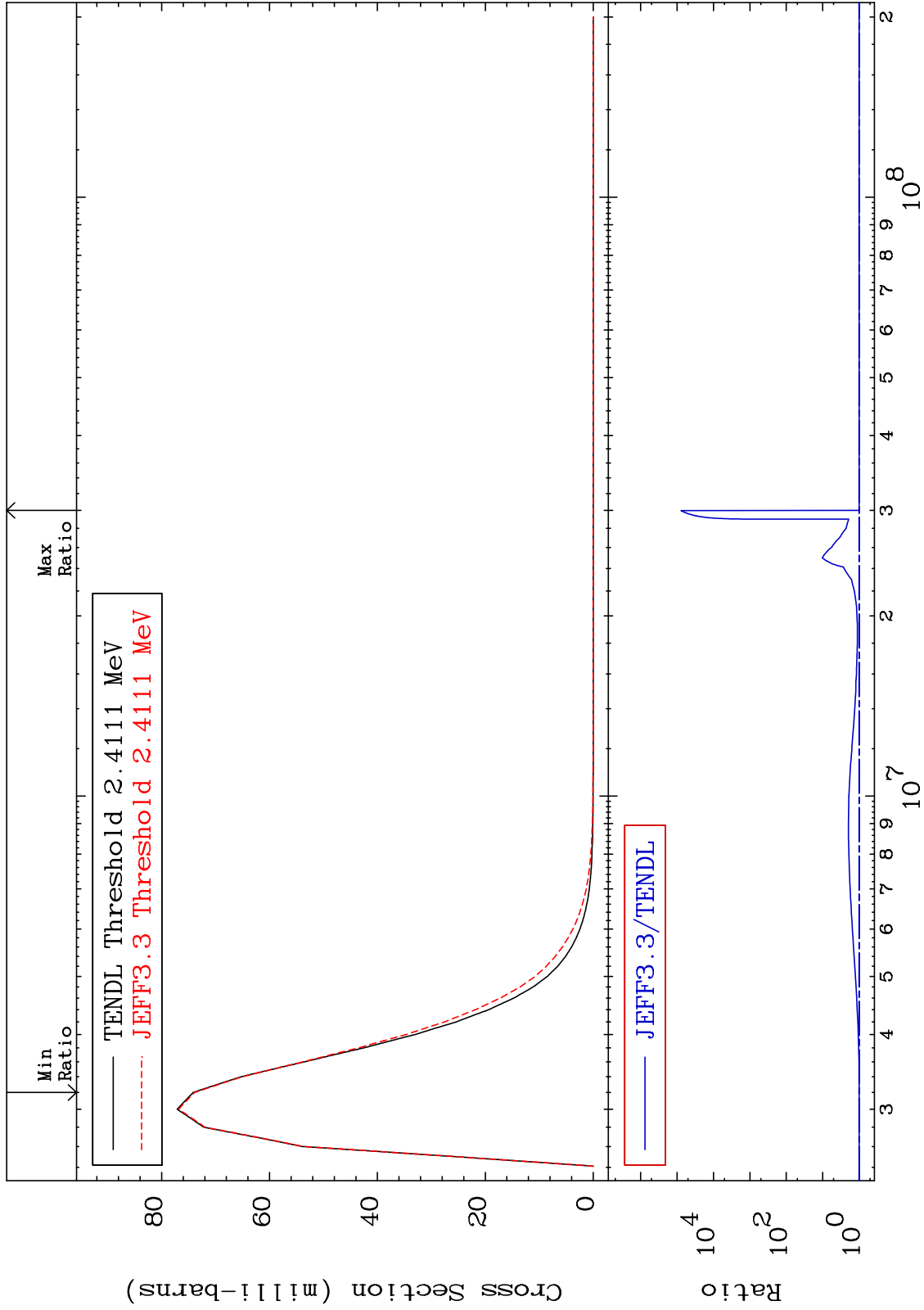
Incident Energy (eV)

34-Se-74

MAT 3425

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

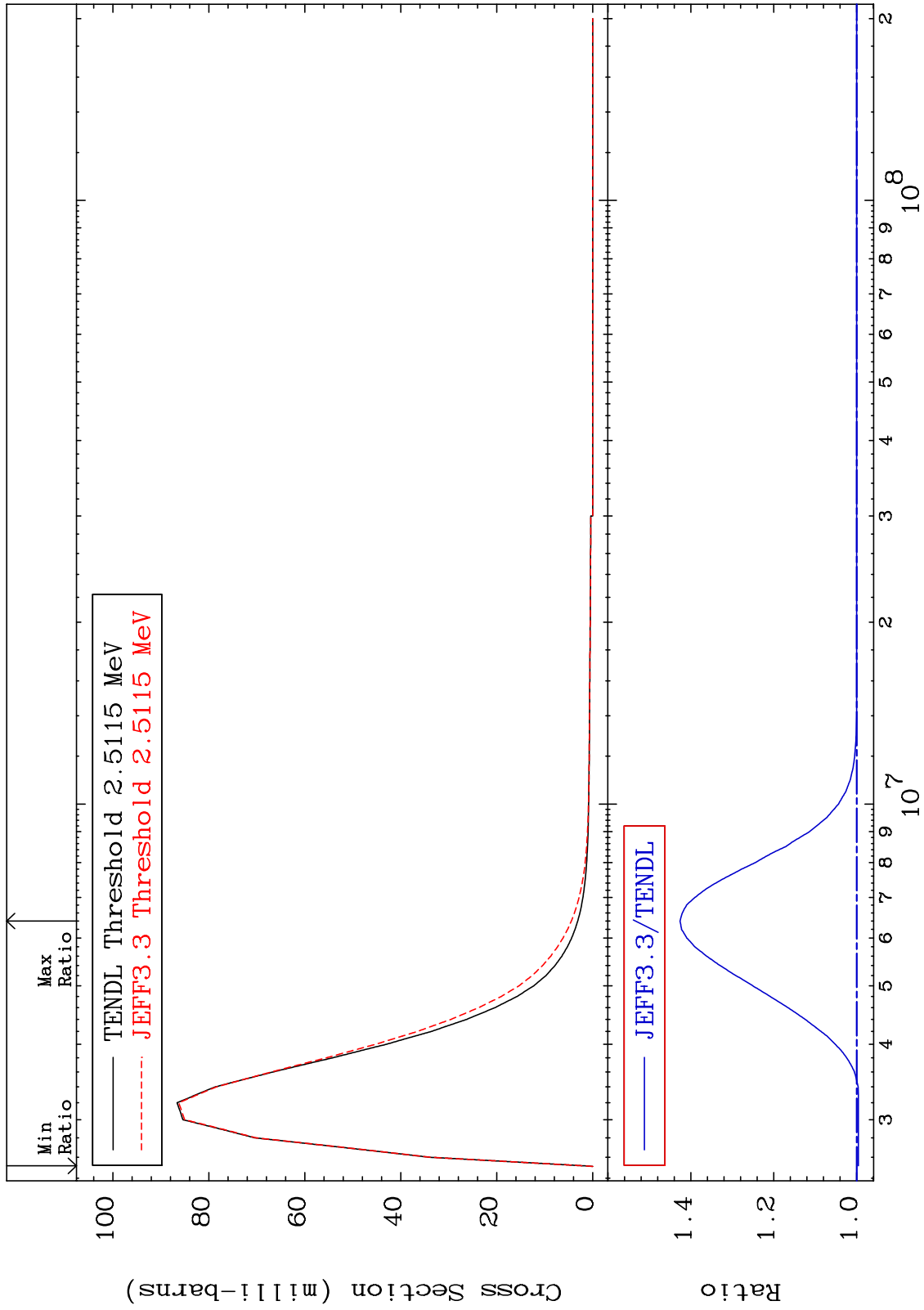
34-Se-74
-0.355 To 9999. %



MAT 3425

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

34-Se-74
-0.410 To 42.60 %



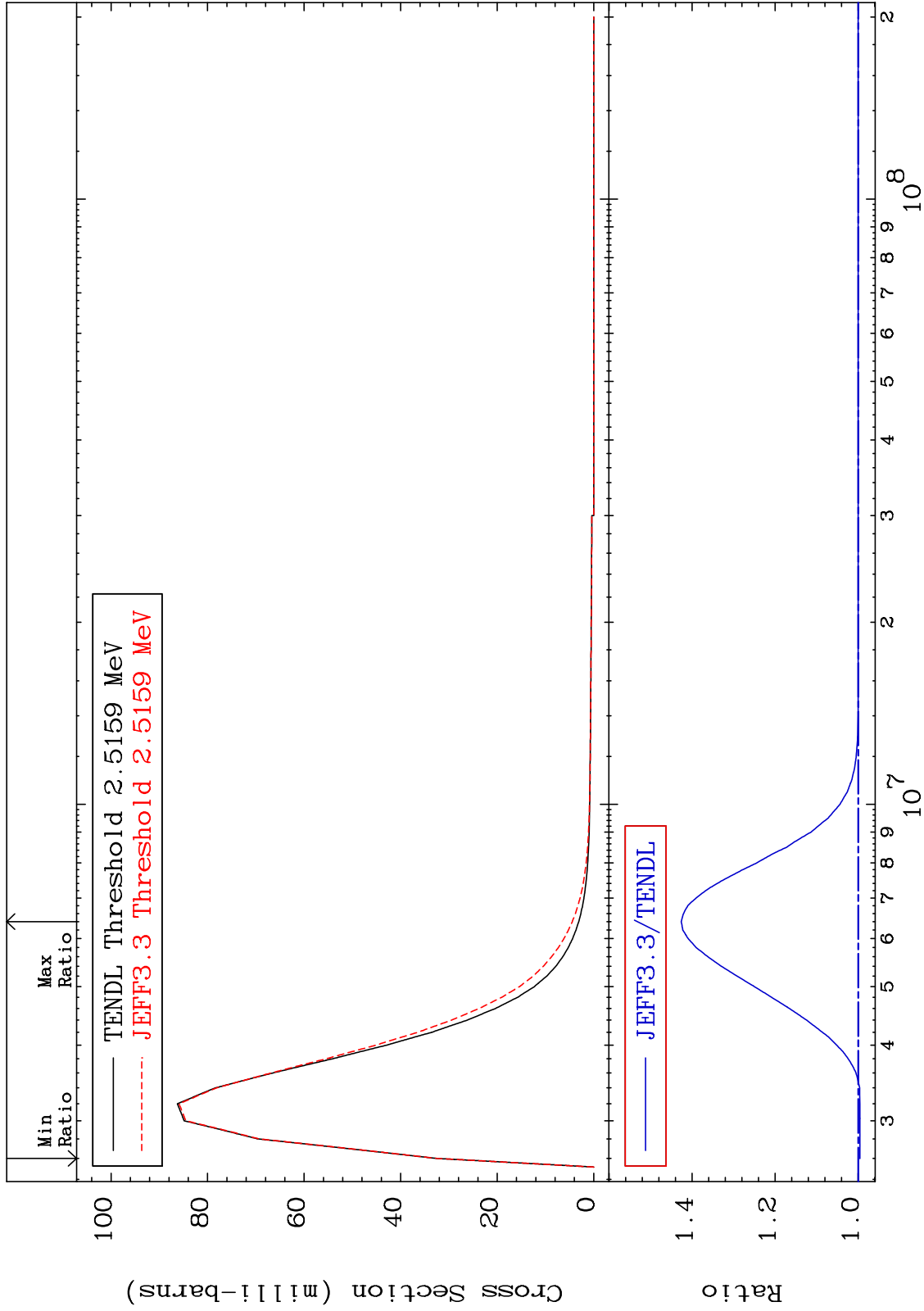
32

34-Se-74

MAT 3425

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

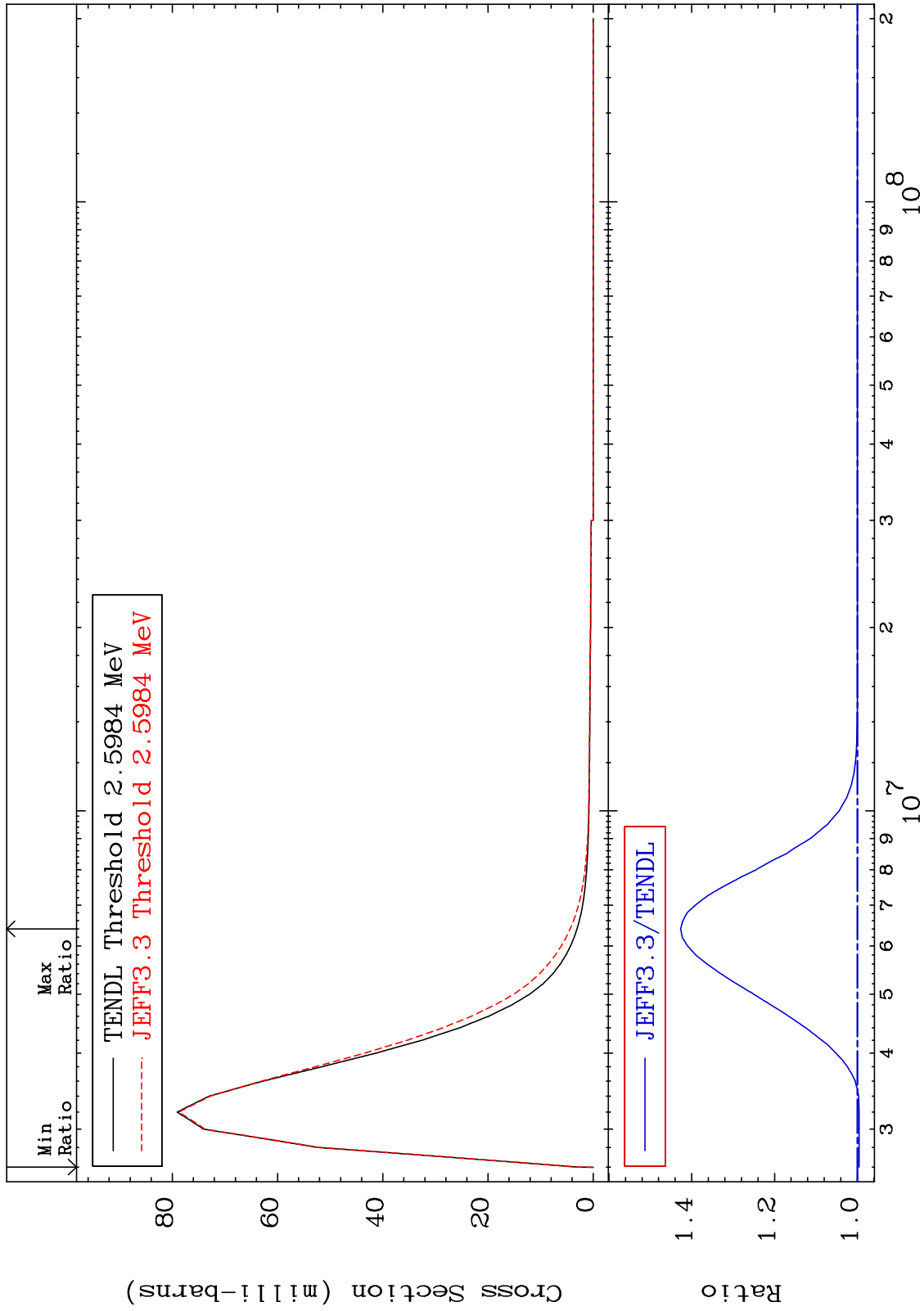
34-Se-74
-0.411 To 42.61 %



MAT 3425

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

34-Se-74
-0.434 To 42.69 %



34

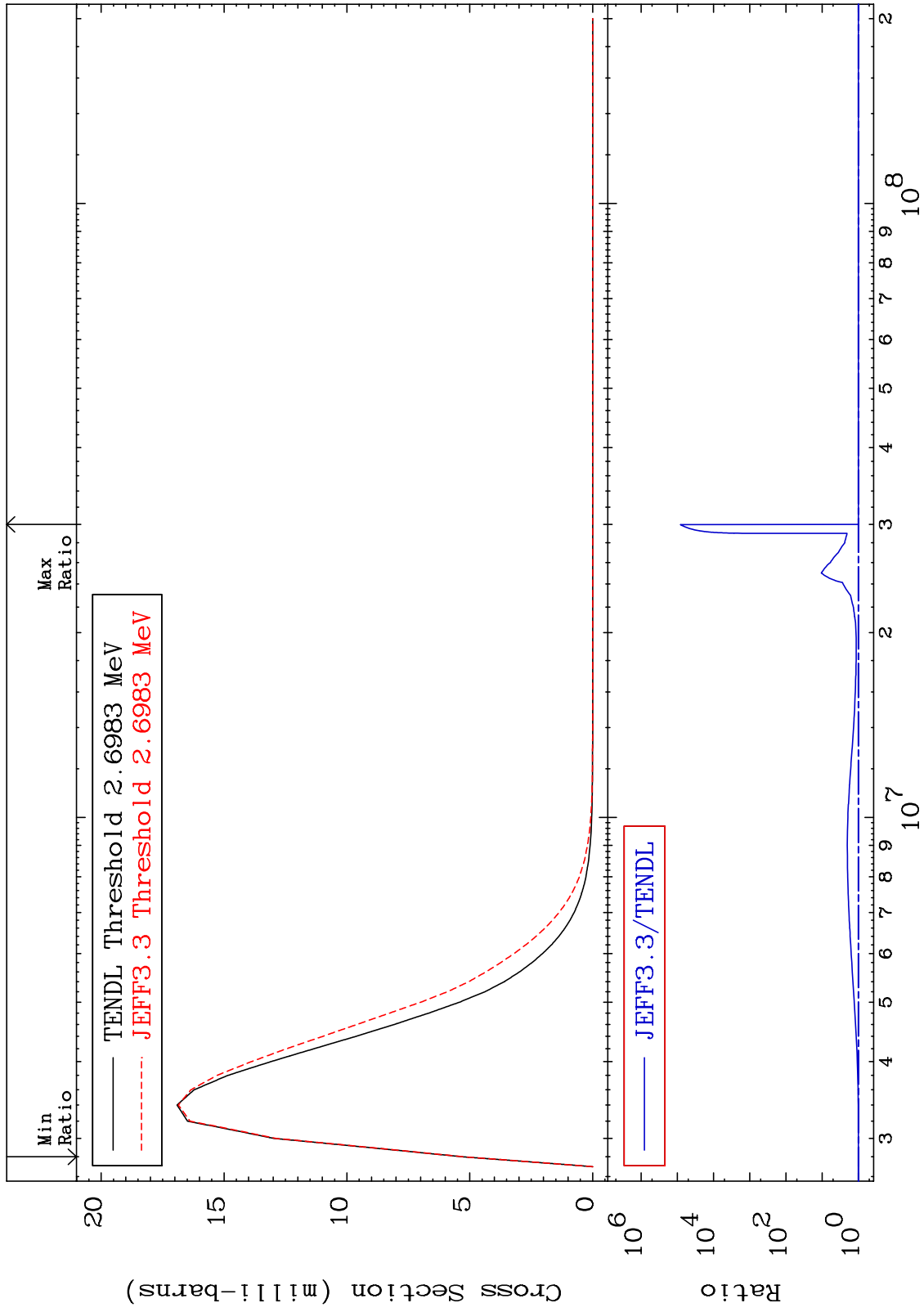
Incident Energy (eV)

34-Se-74

MAT 3425

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

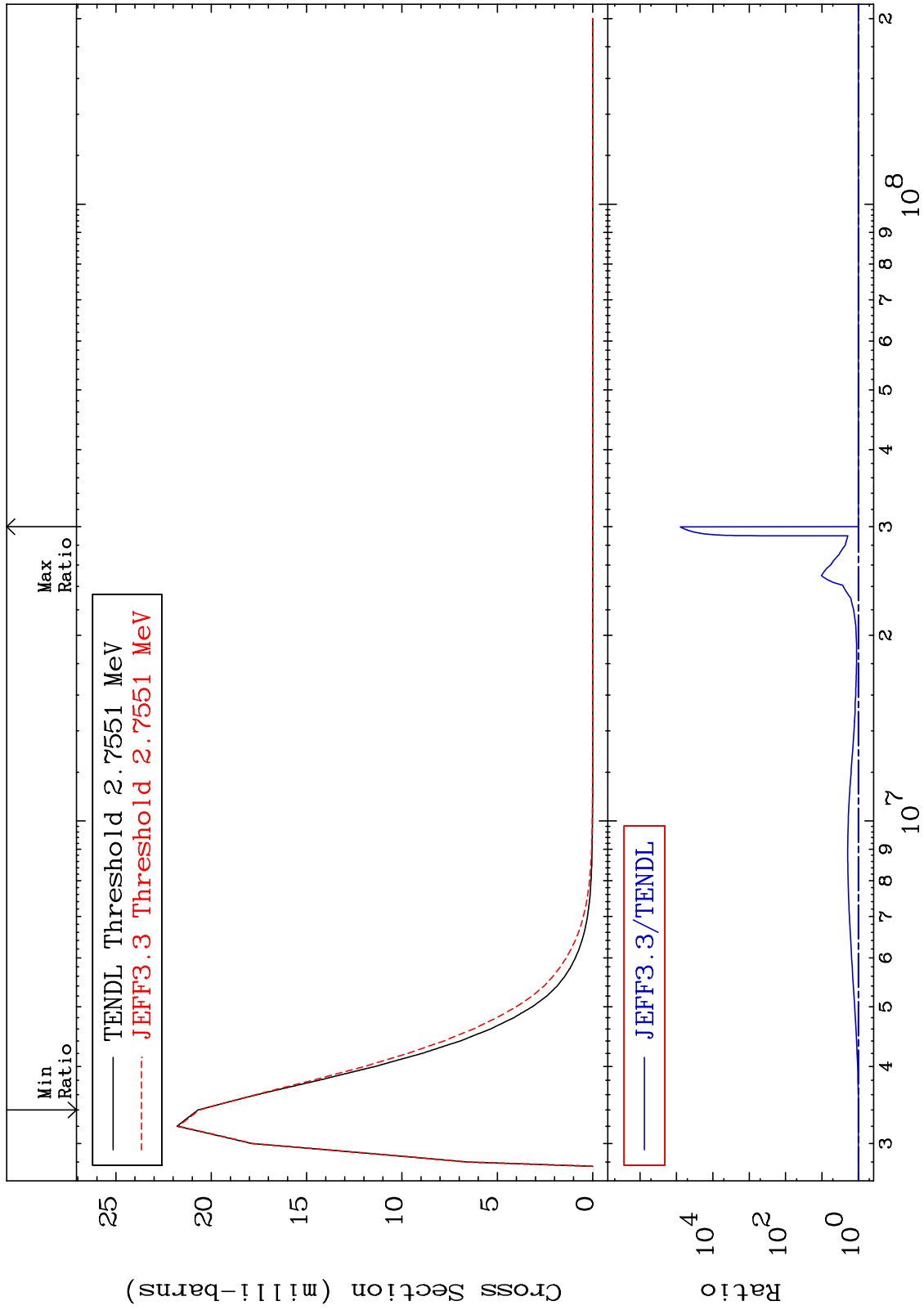
34-Se-74
-0.869 To 9999. %



MAT 3425

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

34-Se-74
-0.356 To 9999. %



36

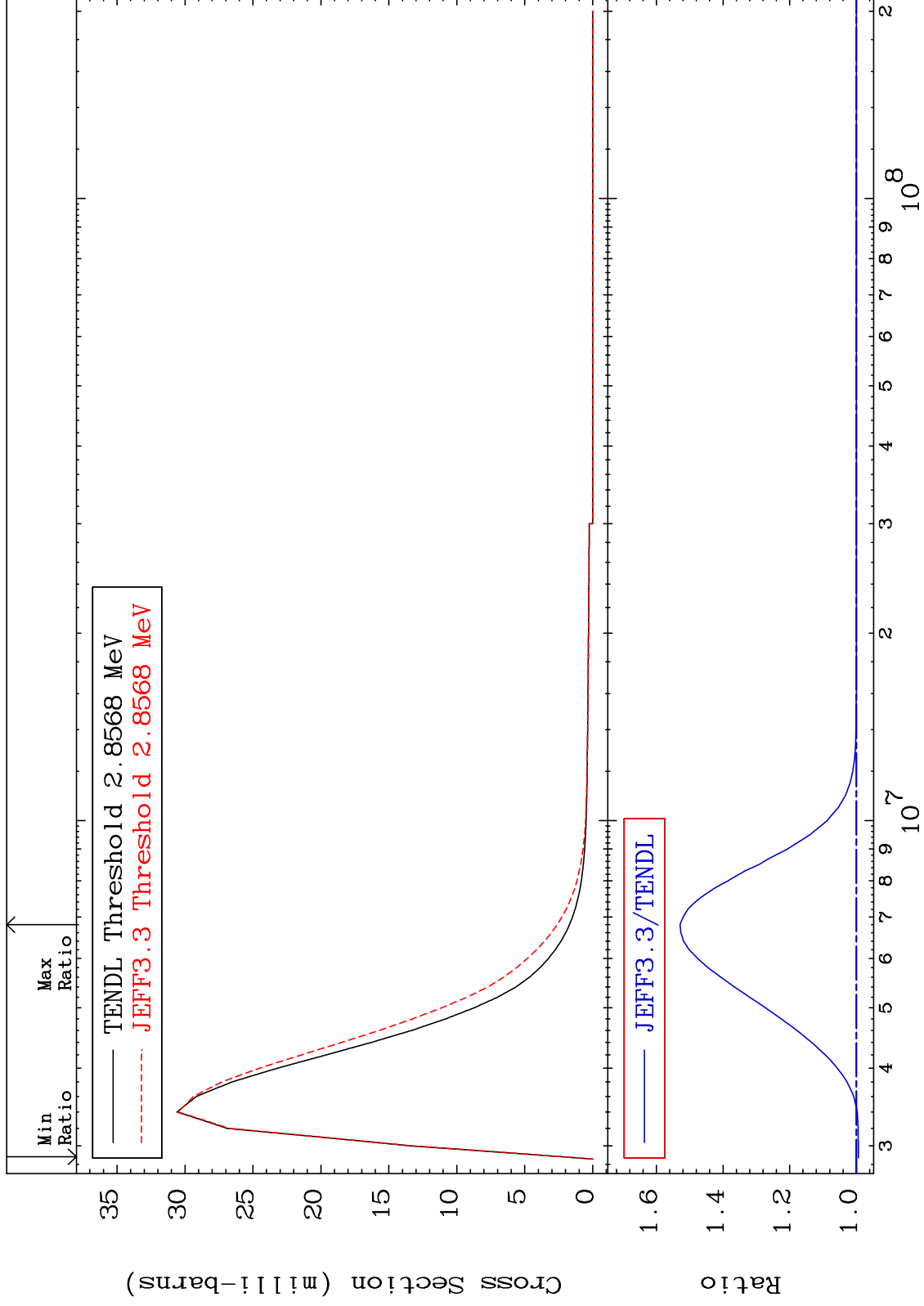
Incident Energy (eV)

34-Se-74

MAT 3425

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

34-Se-74
-0.620 To 52.91 %



37

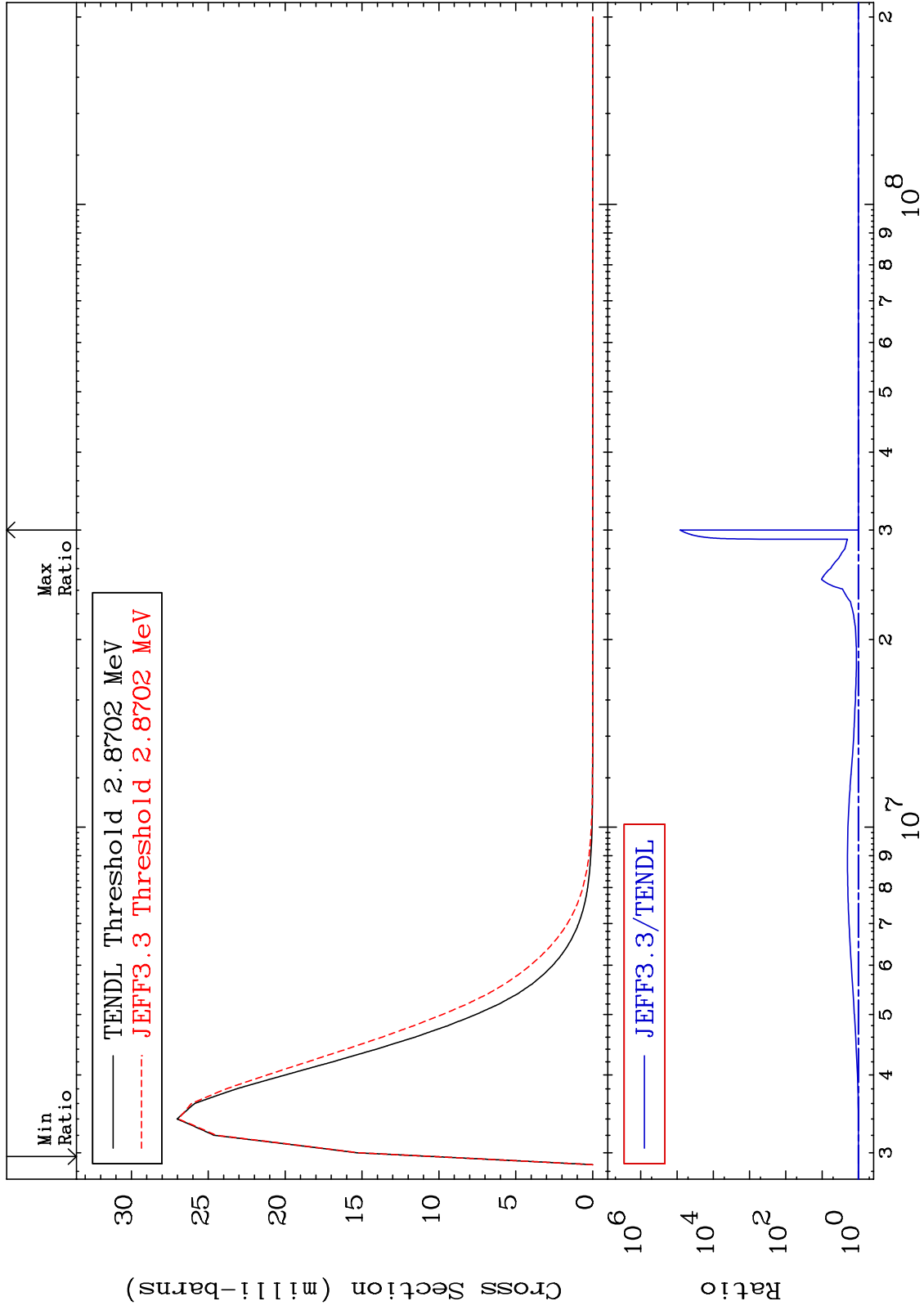
Incident Energy (eV)

34-Se-74

MAT 3425

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

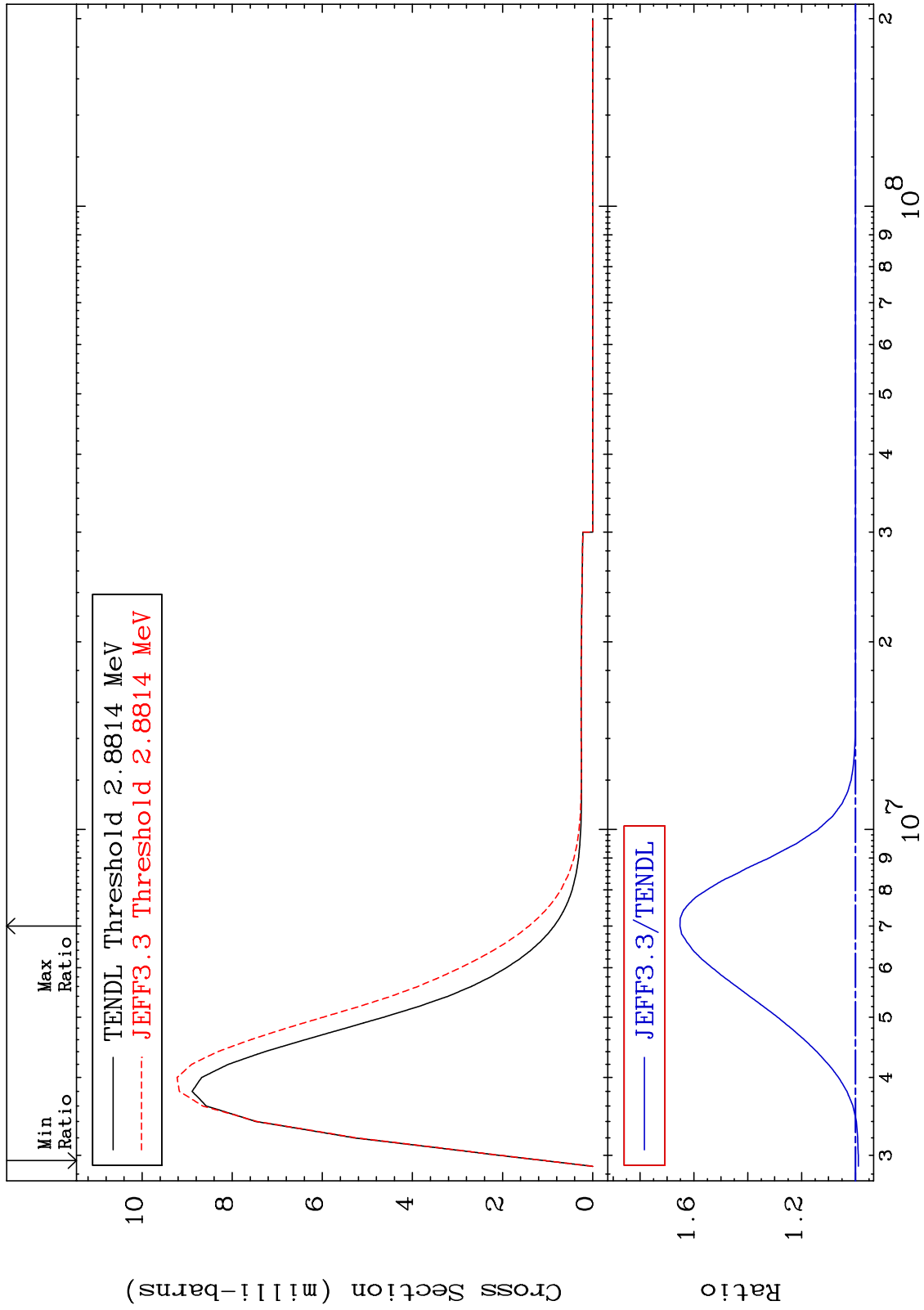
34-Se-74
-0.574 To 9999. %



MAT 3425

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

34-Se-74
-1.085 To 65.16 %



39

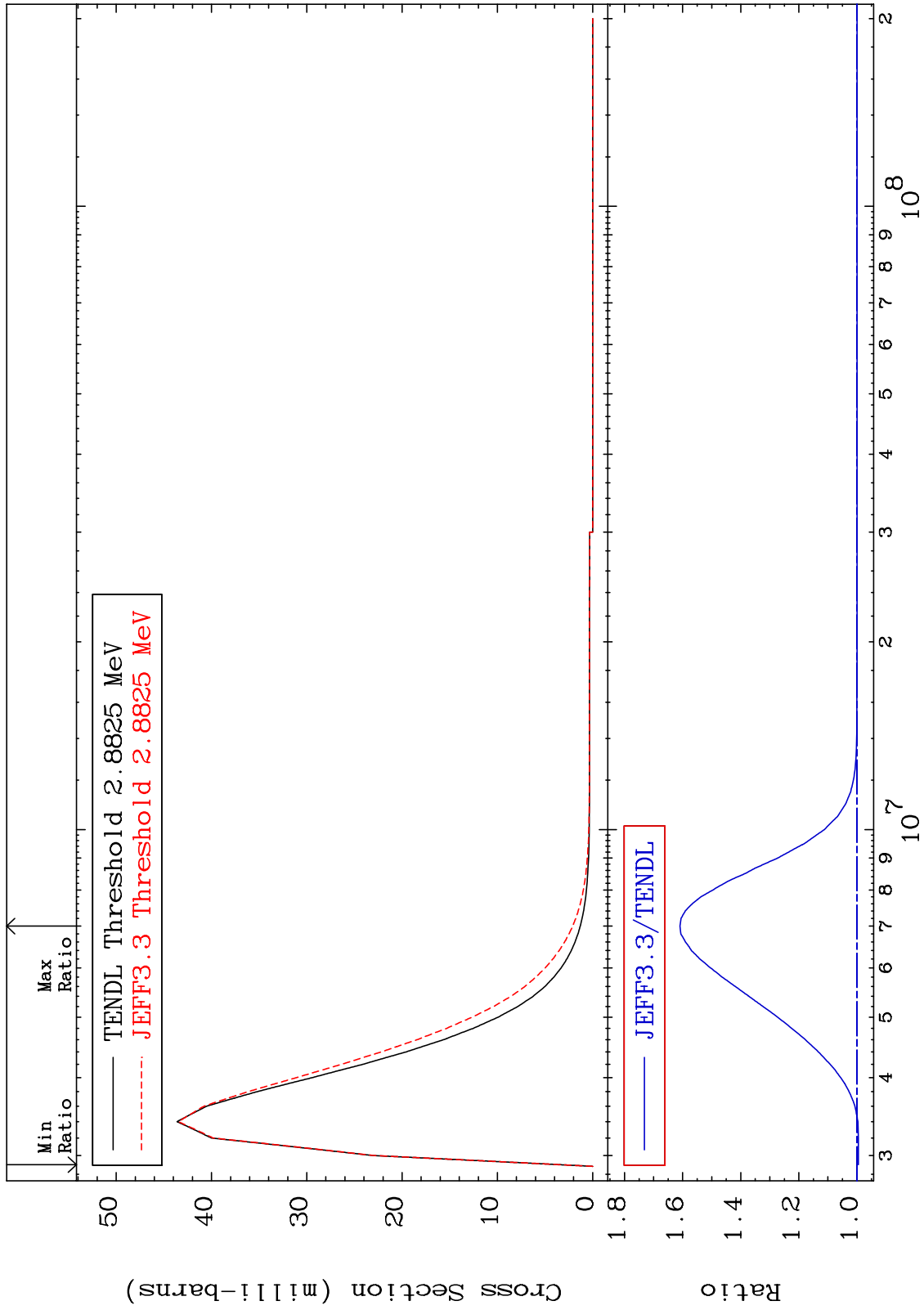
Incident Energy (eV)

34-Se-74

MAT 3425

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

34-Se-74
-0.498 To 60.90 %



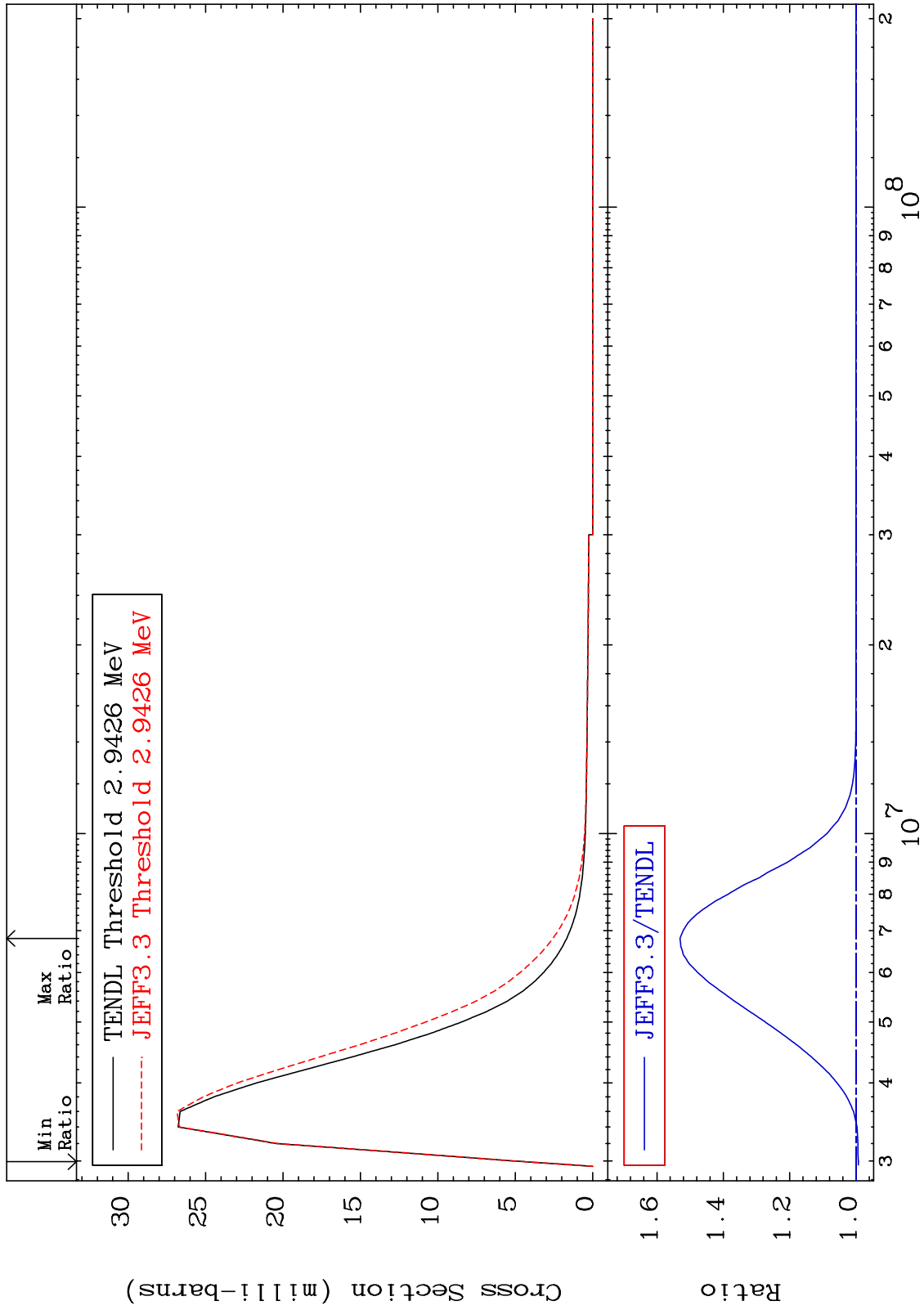
40

34-Se-74

MAT 3425

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

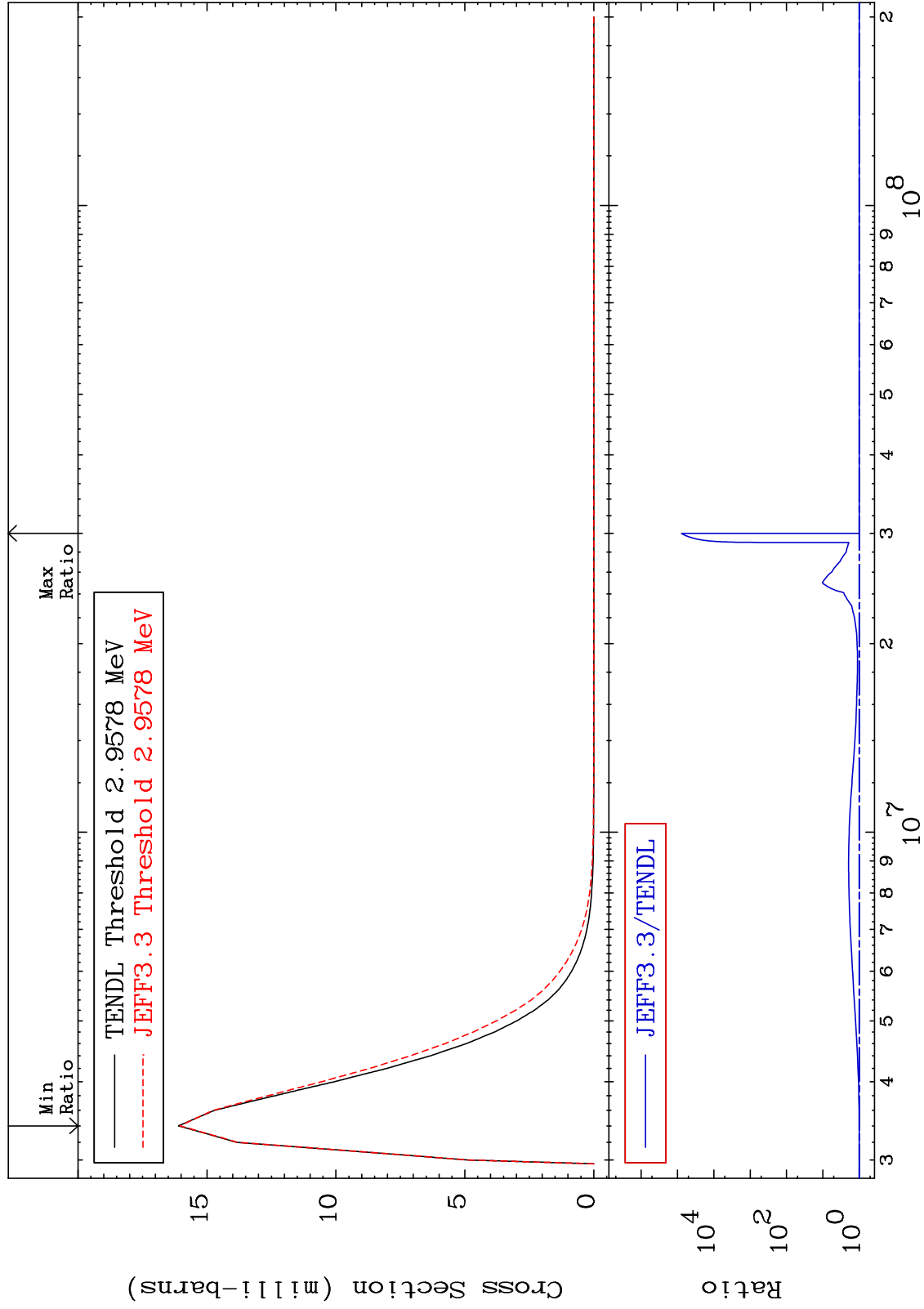
34-Se-74
-0.710 To 53.05 %



MAT 3425

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

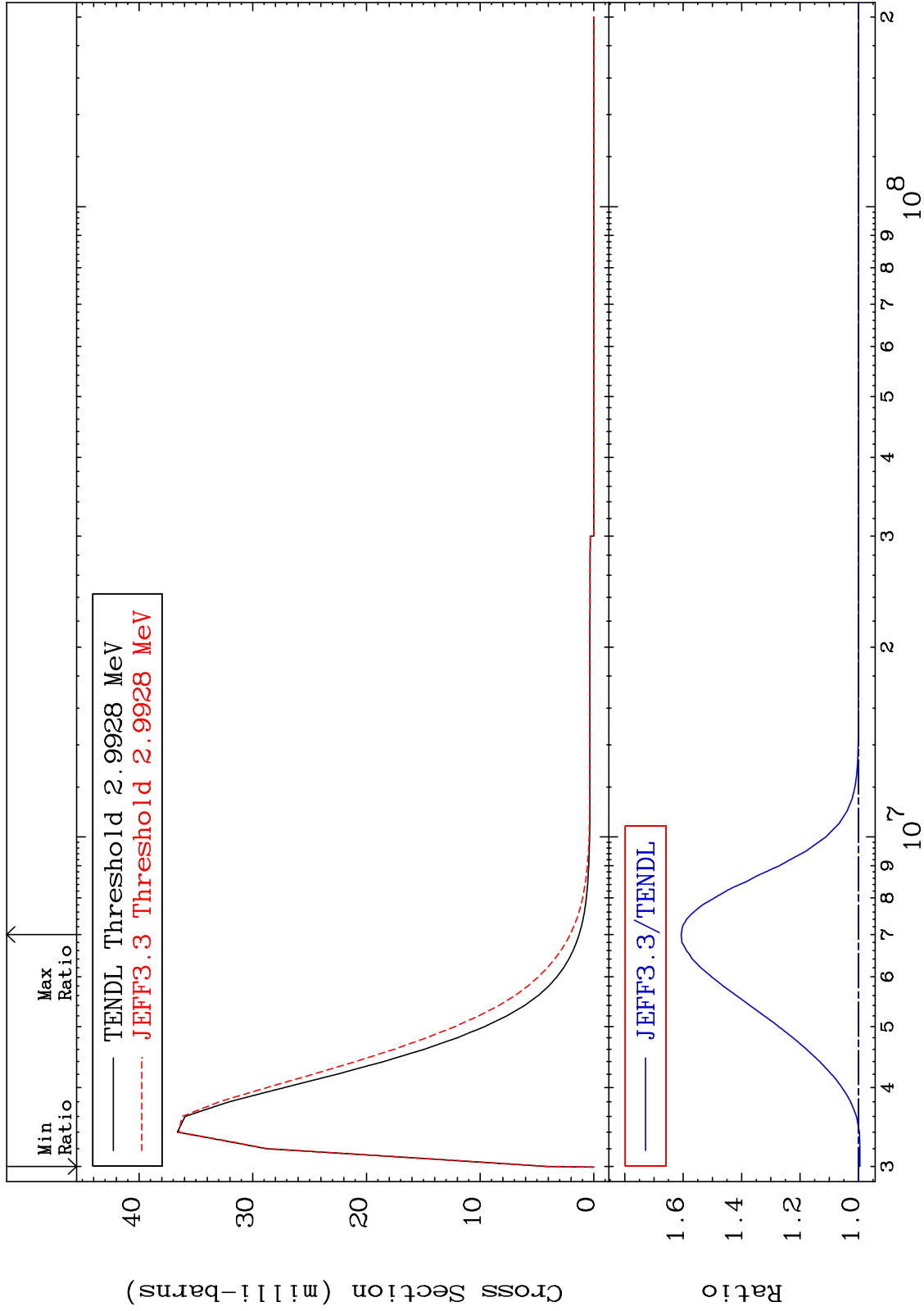
34-Se-74
-0.358 To 9999. %



MAT 3425

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

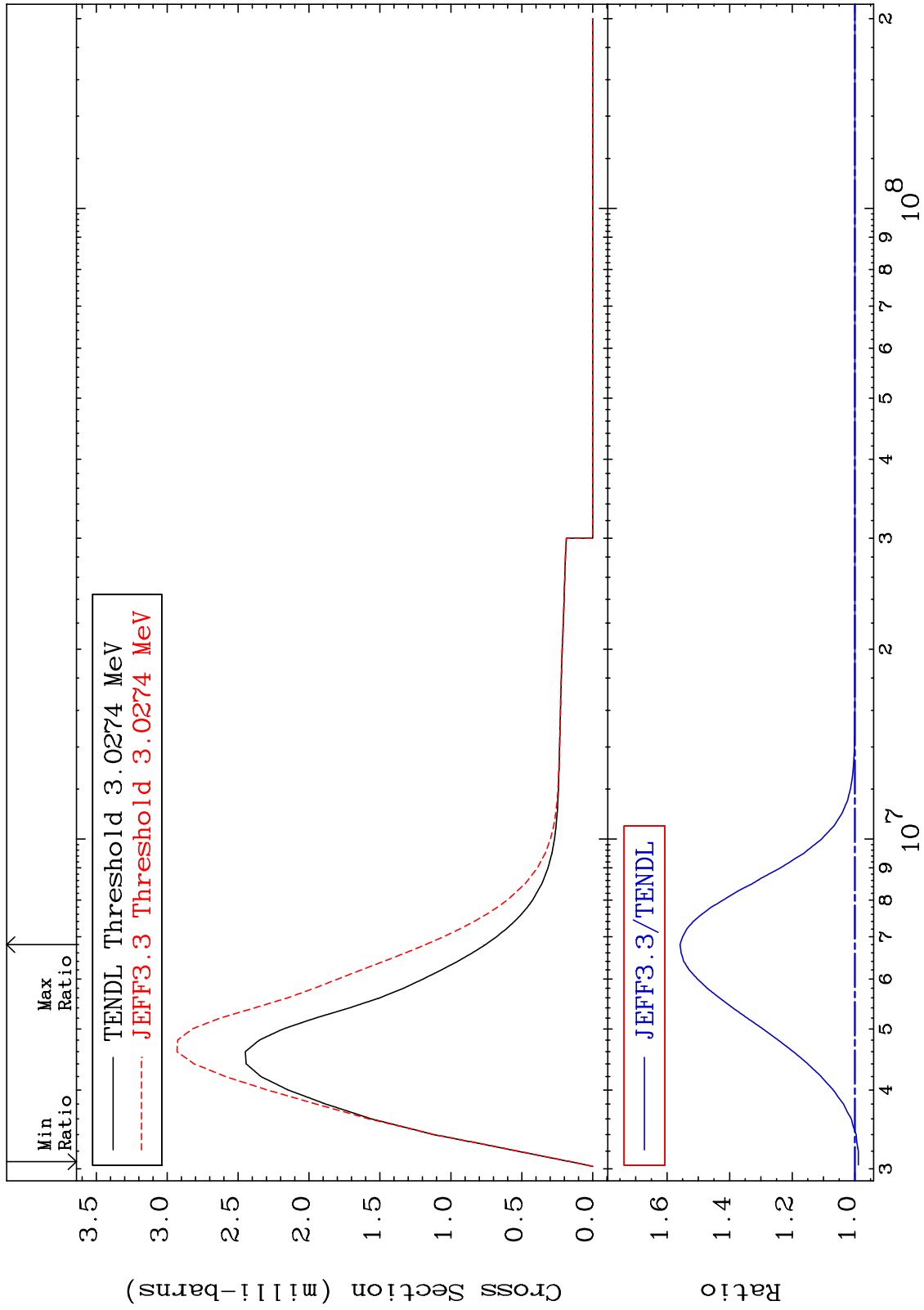
34-Se-74
-0.497 To 60.68 %



MAT 3425

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

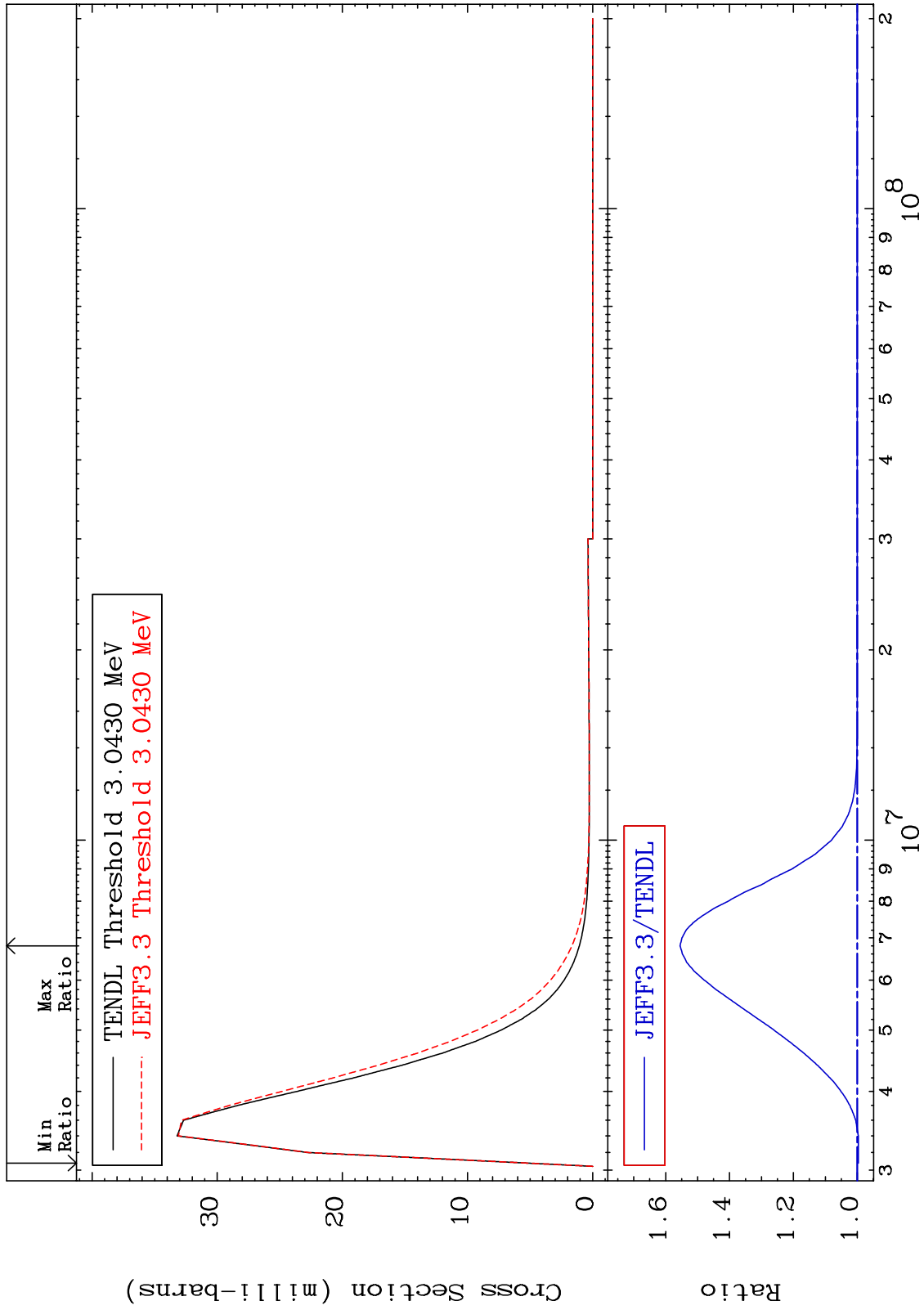
34-Se-74
-1.146 To 55.85 %



MAT 3425

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

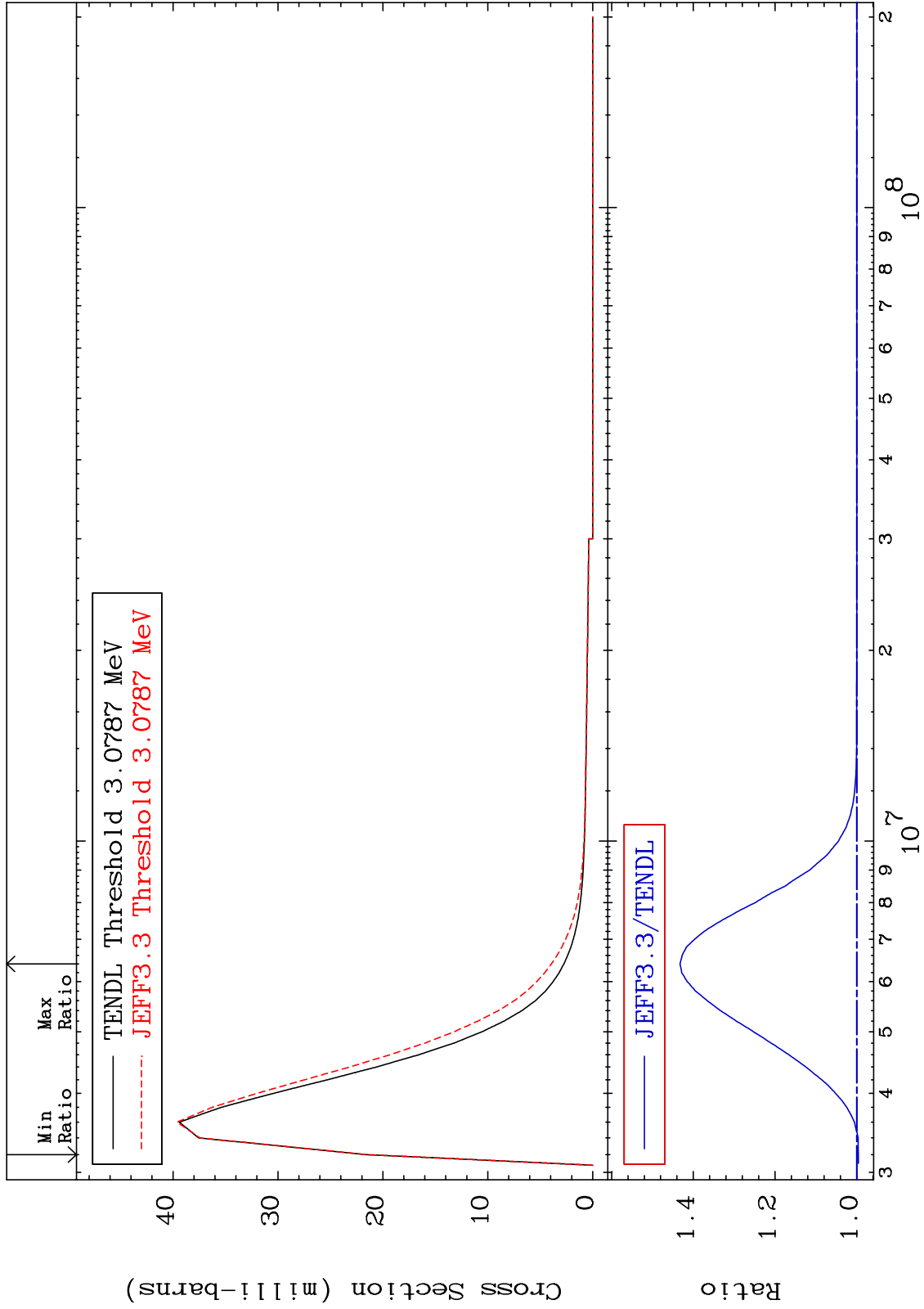
34-Se-74
-0.350 To 55.51 %



MAT 3425

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

34-Se-74
-0.411 To 43.26 %



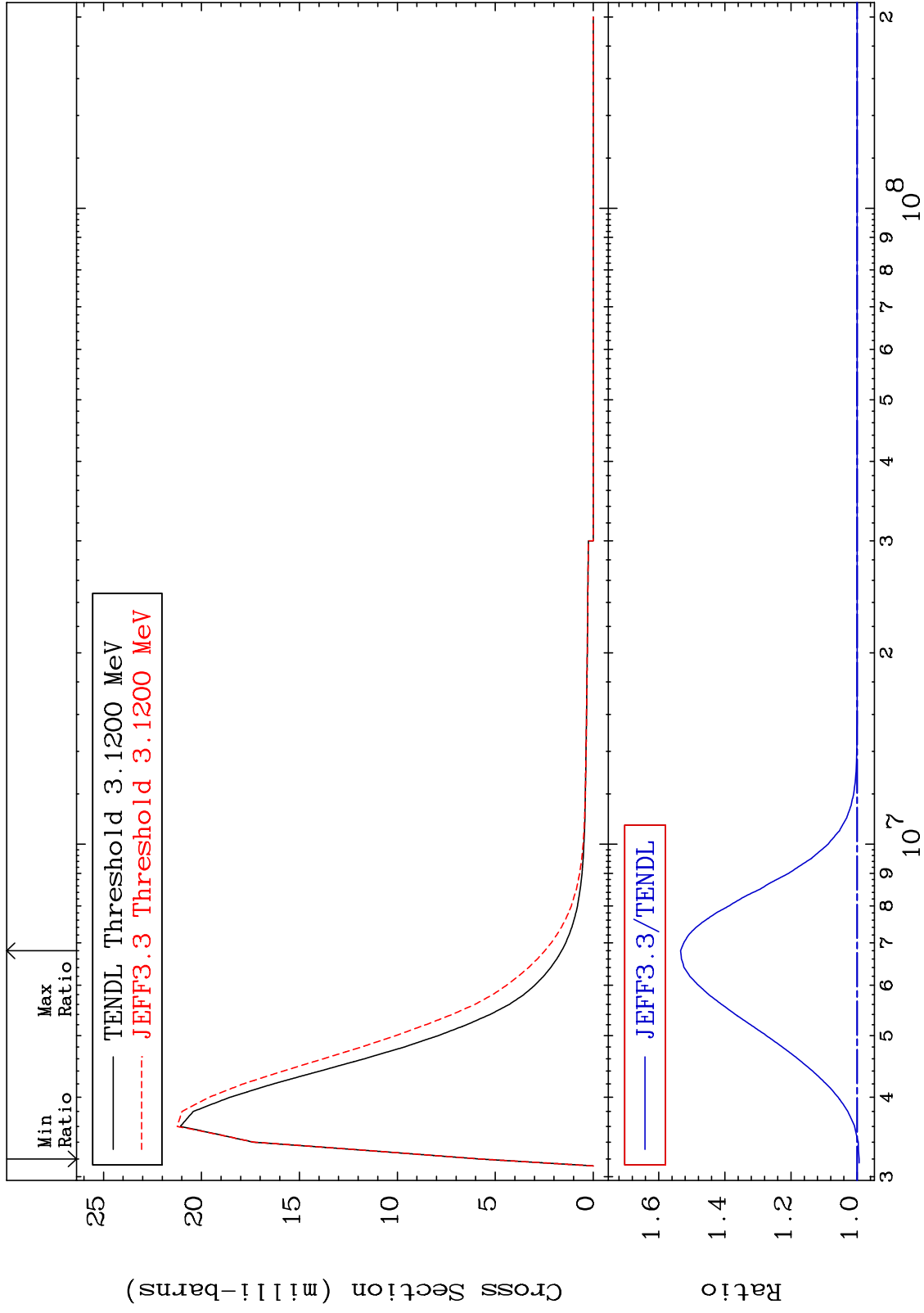
46

34-Se-74

MAT 3425

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

34-Se-74
-0.607 To 53.38 %



47

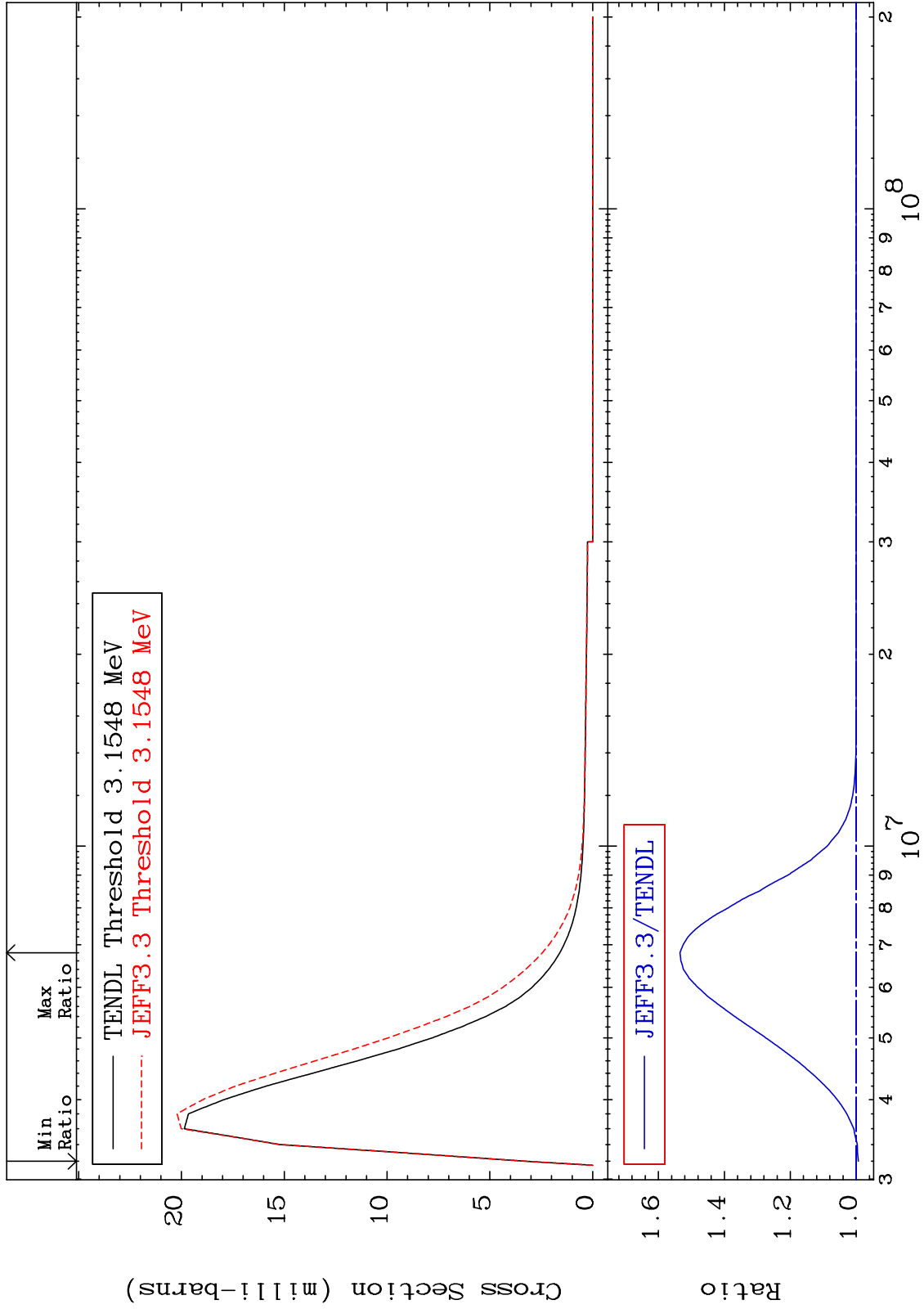
Incident Energy (eV)

34-Se-74

MAT 3425

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

34-Se-74
-0.653 To 53.45 %



48

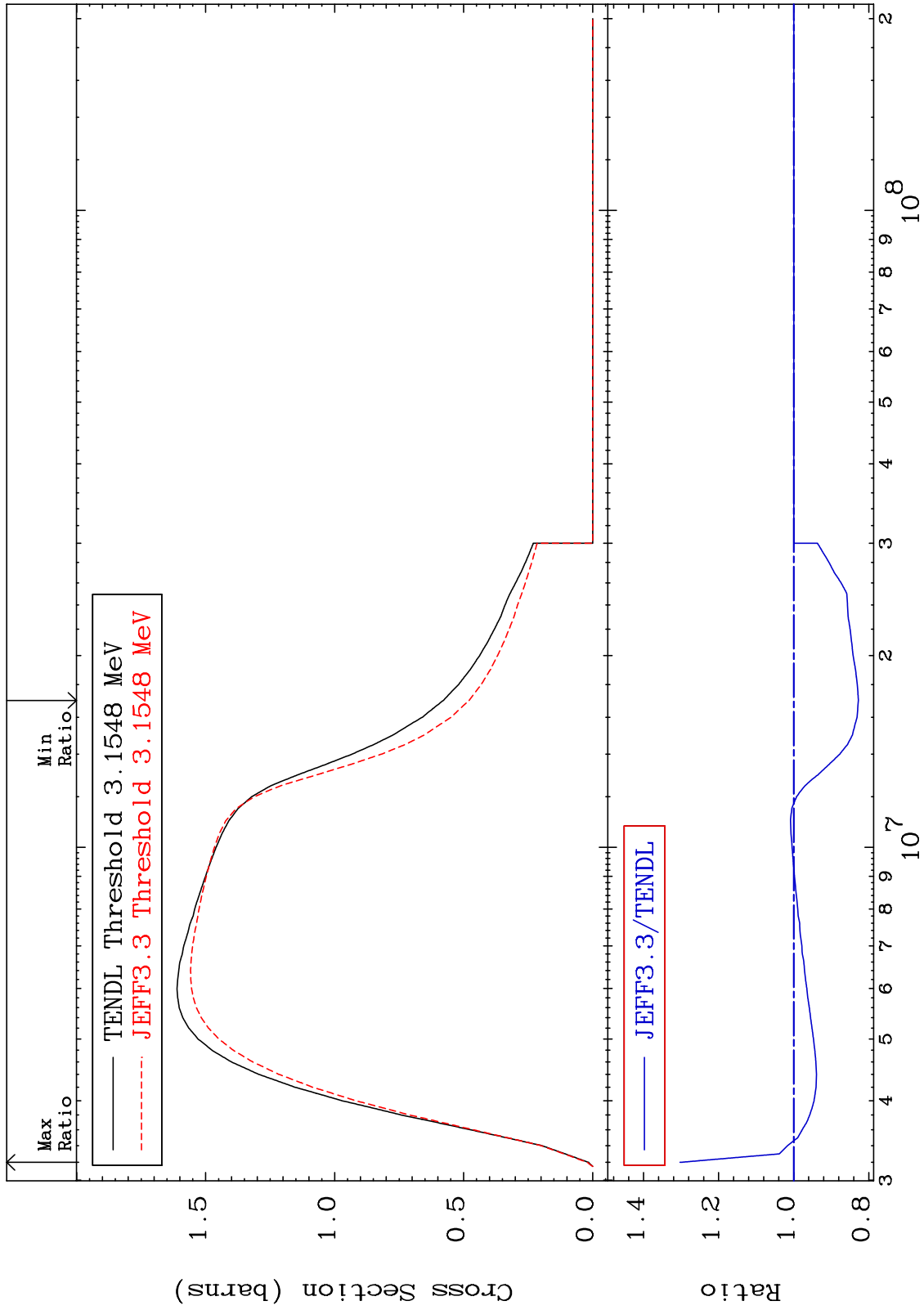
Incident Energy (eV)

34-Se-74

MAT 3425

(n,n') Continuum
Cross Section

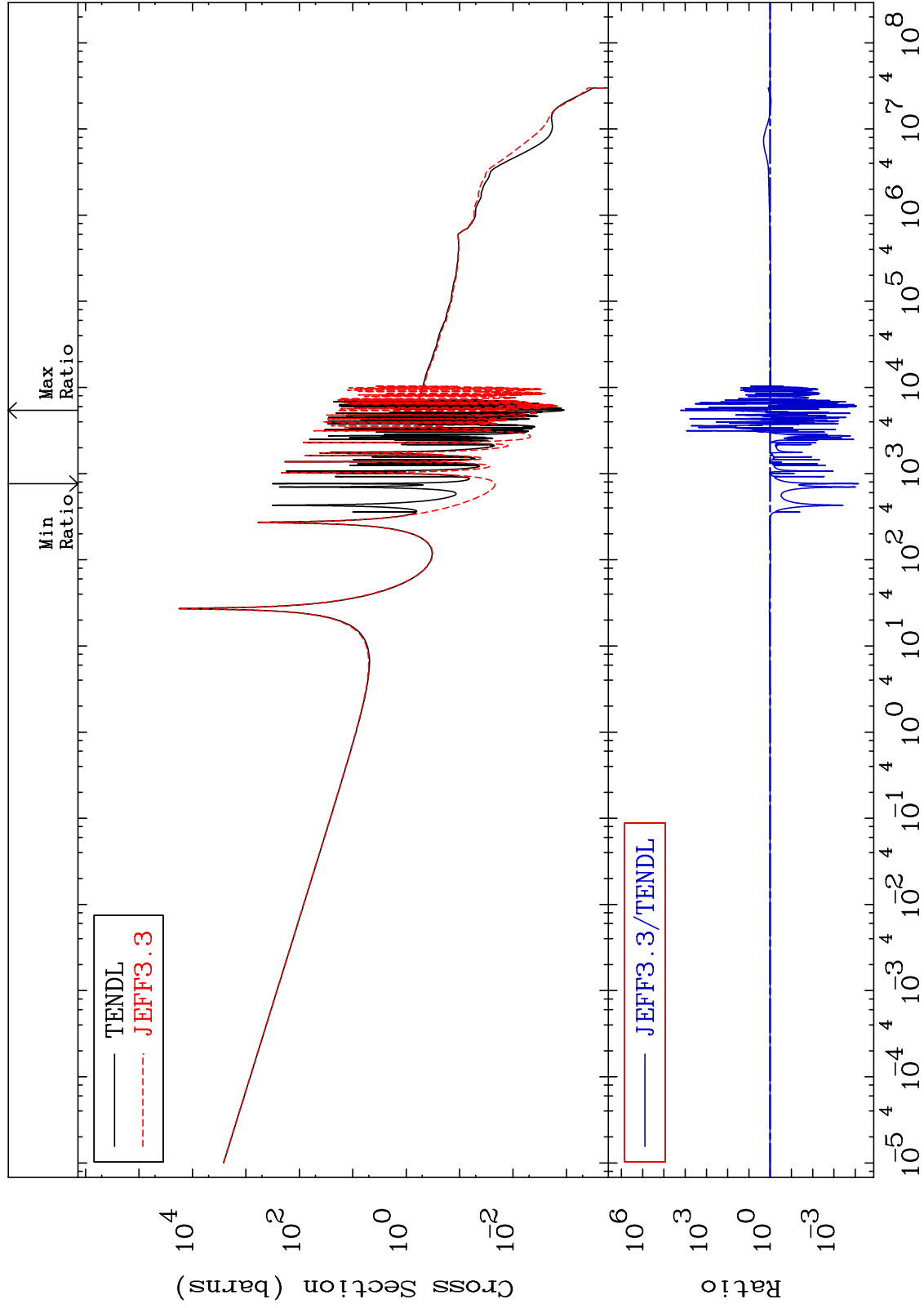
³⁴Se-74
-17.25 To 30.30 %



MAT 3425

(n, γ)
Cross Section

34-Se-74
-99.99 To 9999. %



50

Incident Energy (eV)

34-Se-74

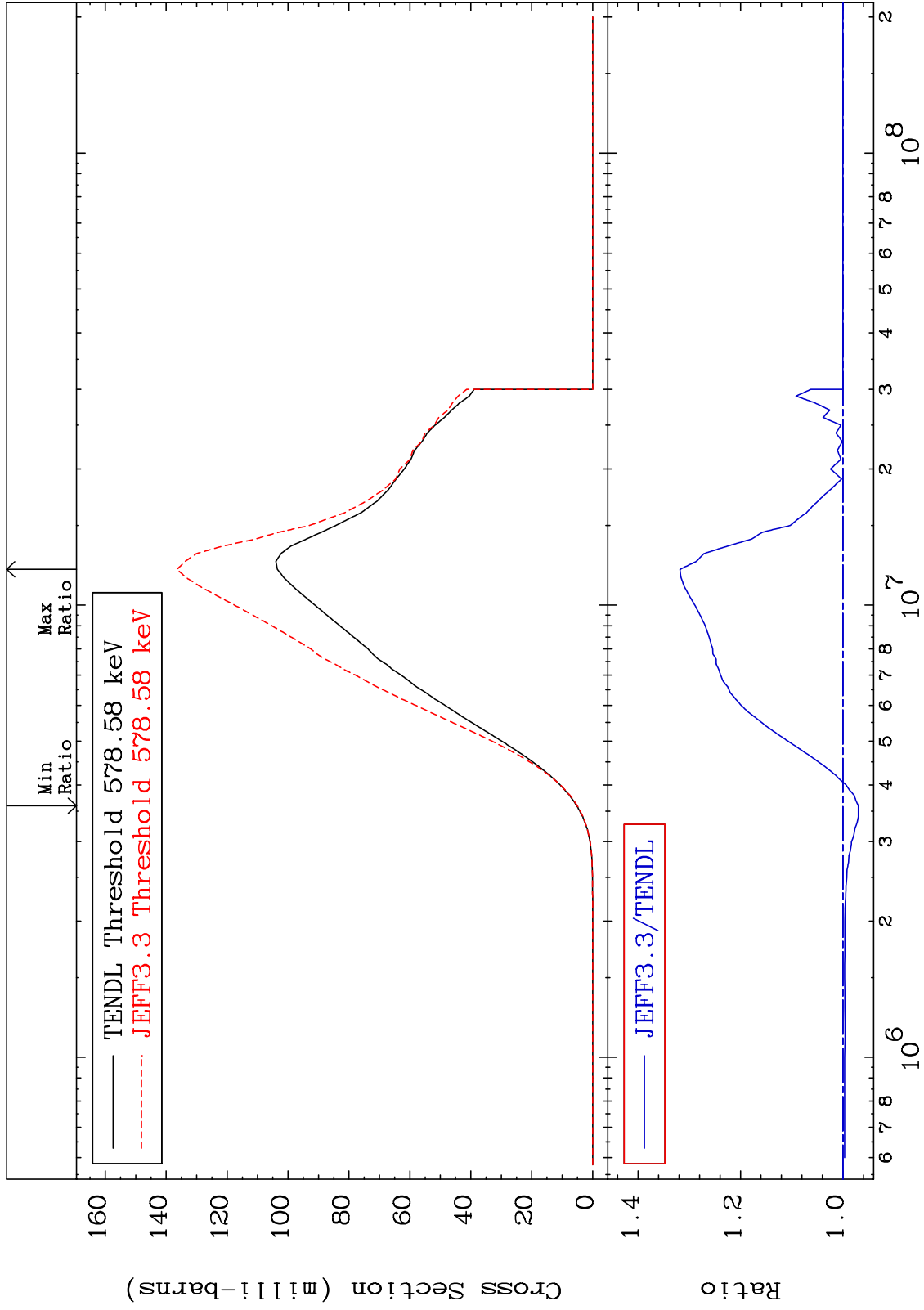
MAT 3425

(n, p)

³⁴Se-74

Cross Section

-3.043 To 31.82 %



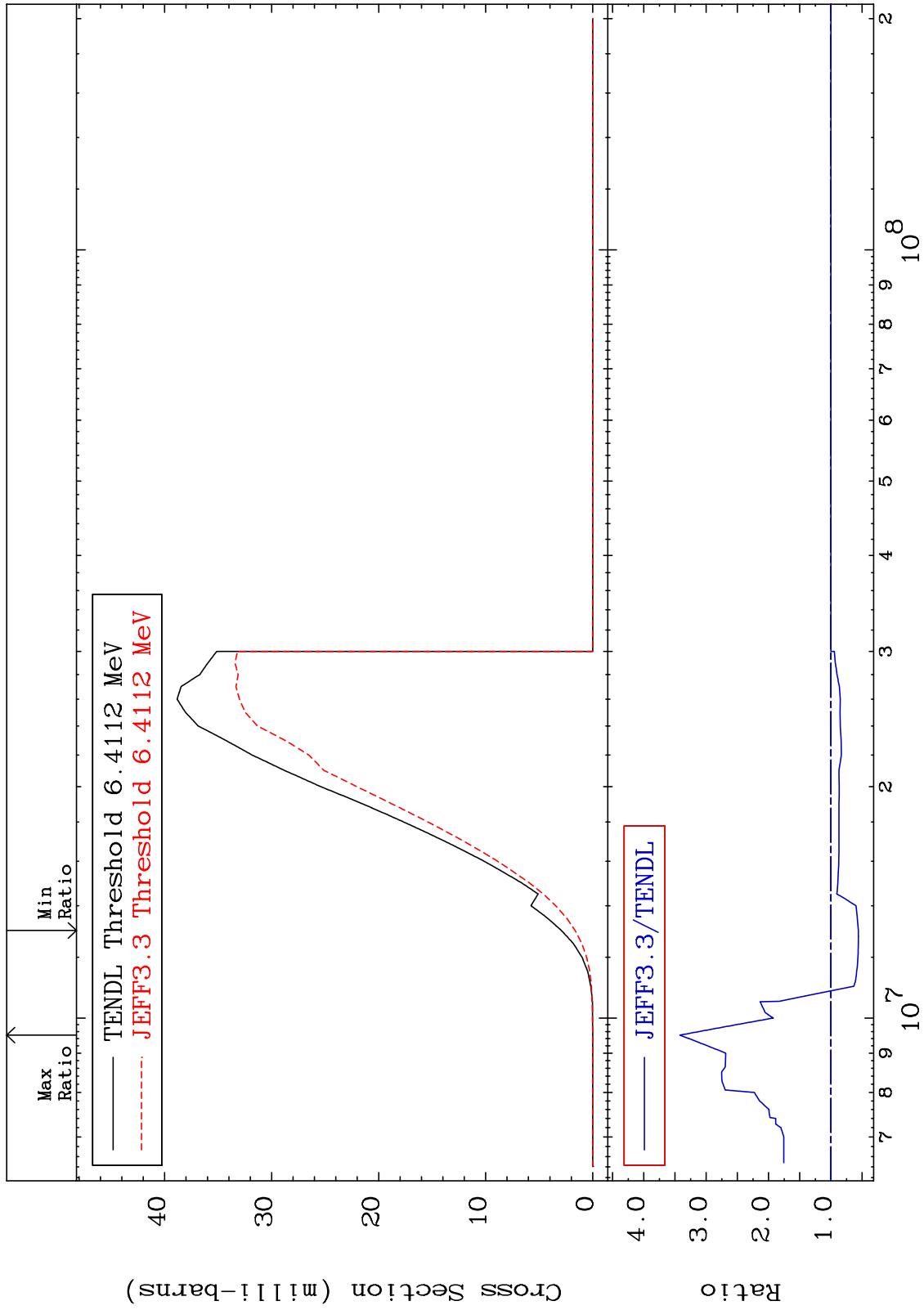
MAT 3425

(n, d)

³⁴Se-74

Cross Section

-43.99 To 242.0 %



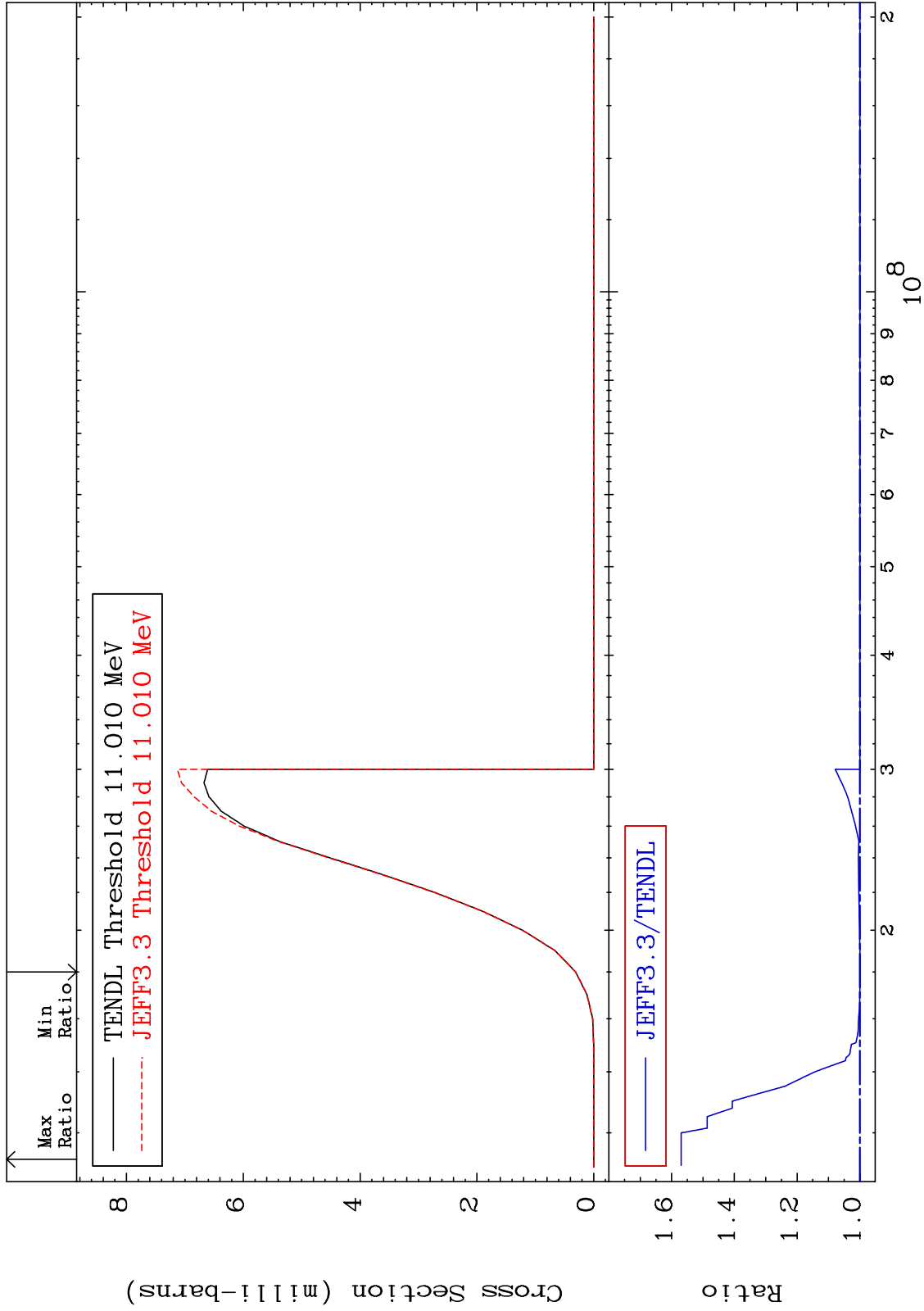
MAT 3425

(n, t)

³⁴Se-74

Cross Section

-0.046 To 56.94 %



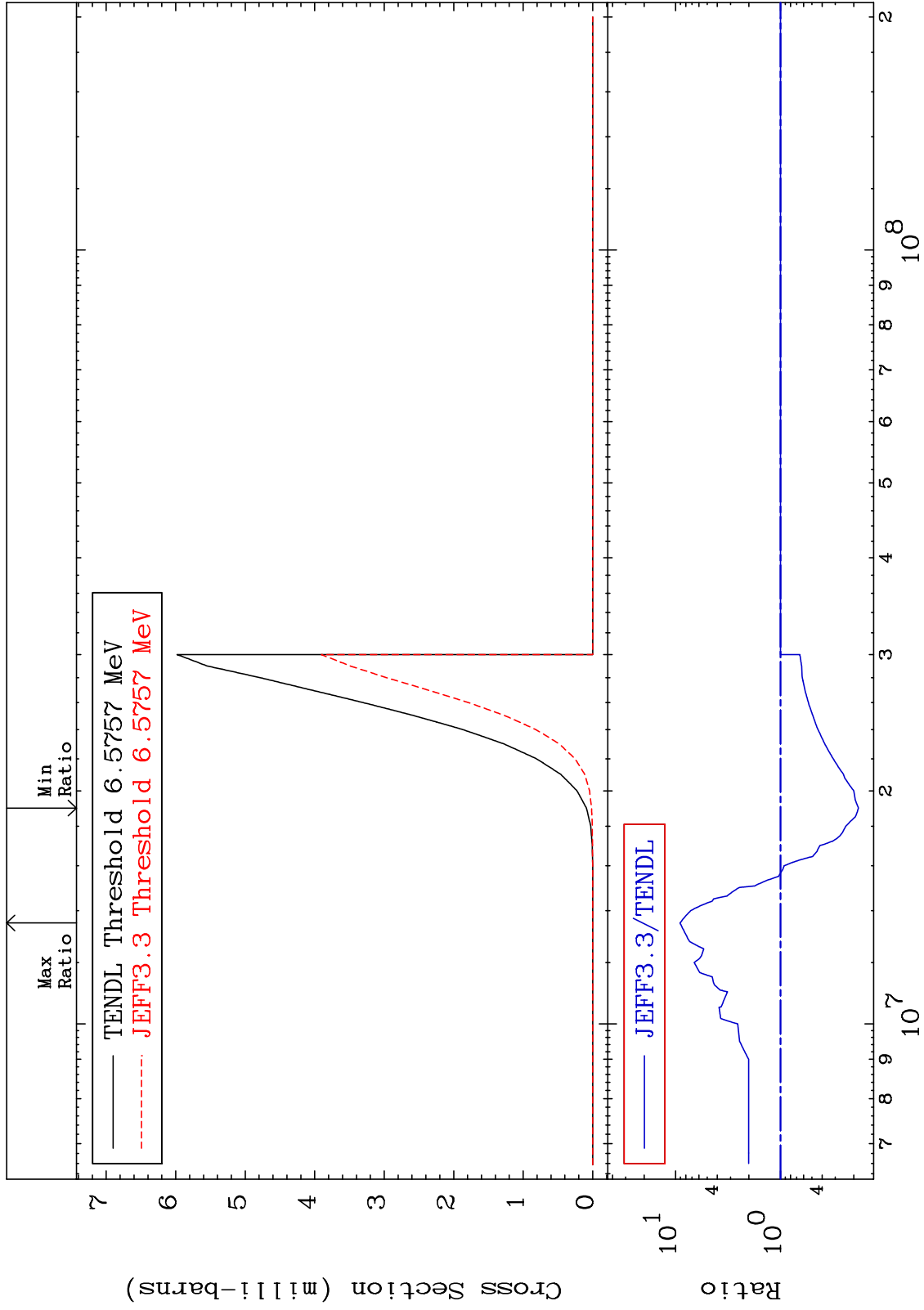
MAT 3425

(n, He-3)

³⁴Se-74

Cross Section

-81.96 To 808.3 %



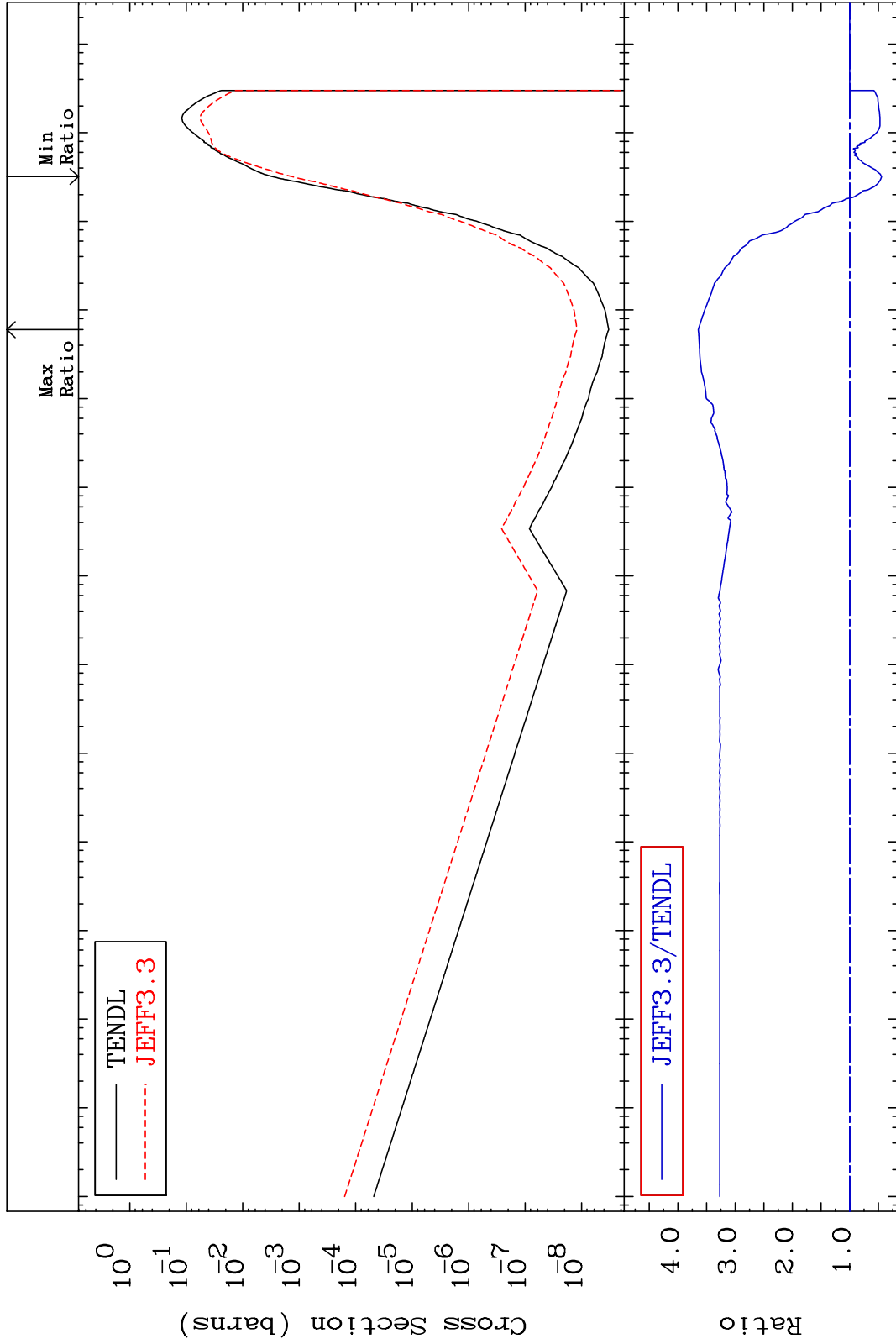
MAT 3425

(n, α)

34-Se-74

Cross Section

-55.61 To 264.4 %



Incident Energy (eV) 34-Se-74

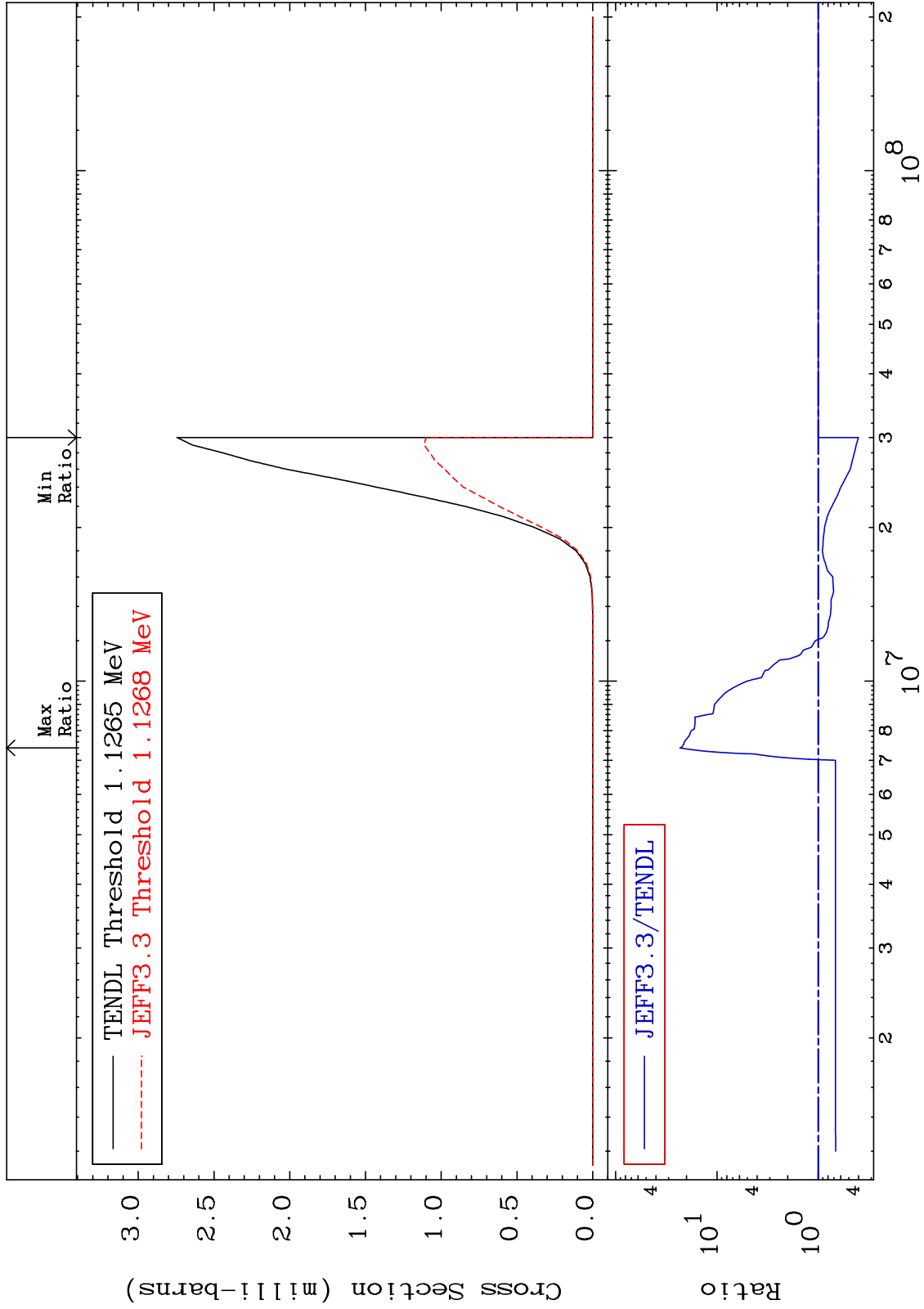
MAT 3425

(n, 2α)

³⁴Se-74

-59.91 To 2216. %

Cross Section



56

Incident Energy (eV)

³⁴Se-74

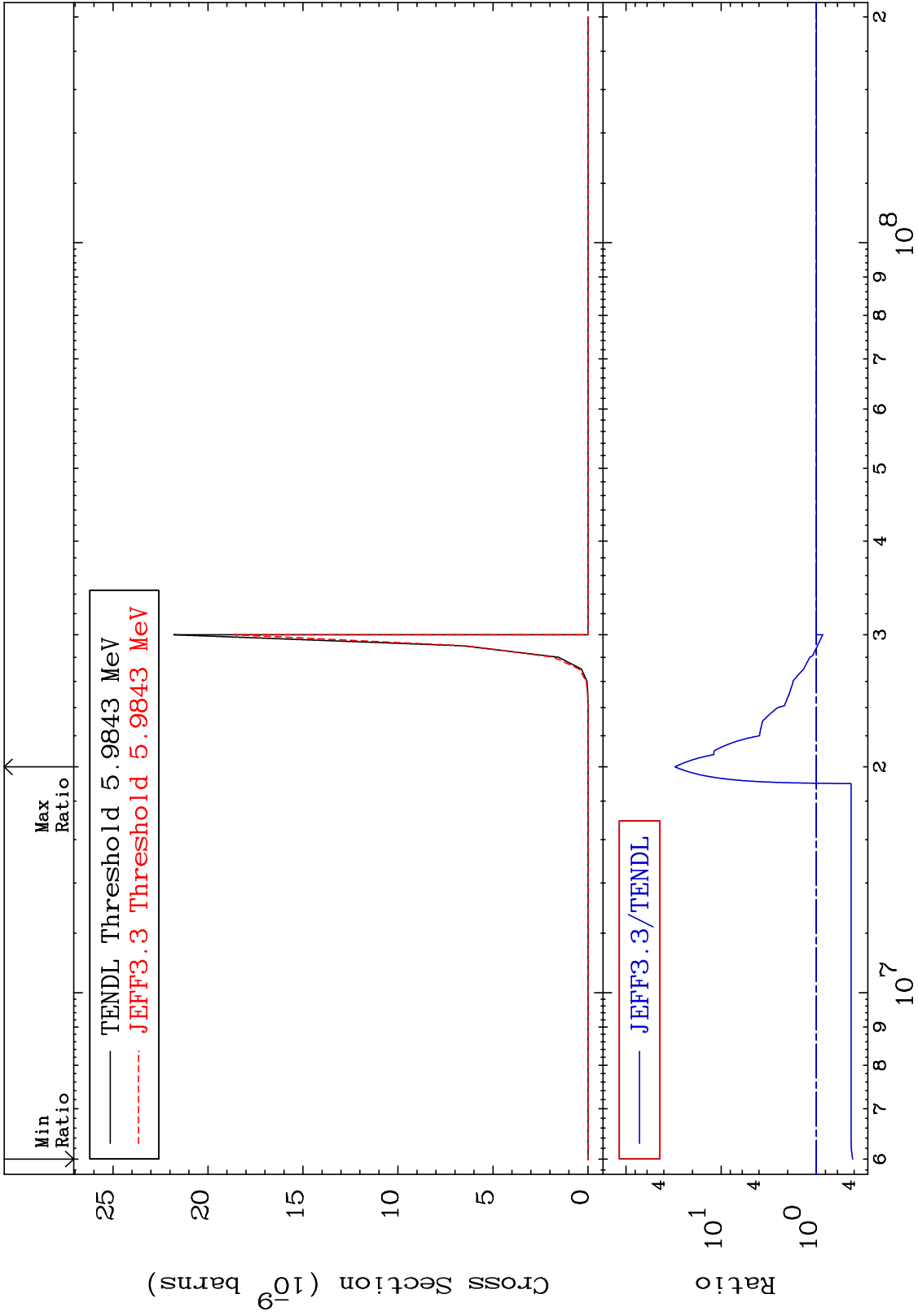
MAT 3425

(n, 3α)

³⁴Se-74

Cross Section

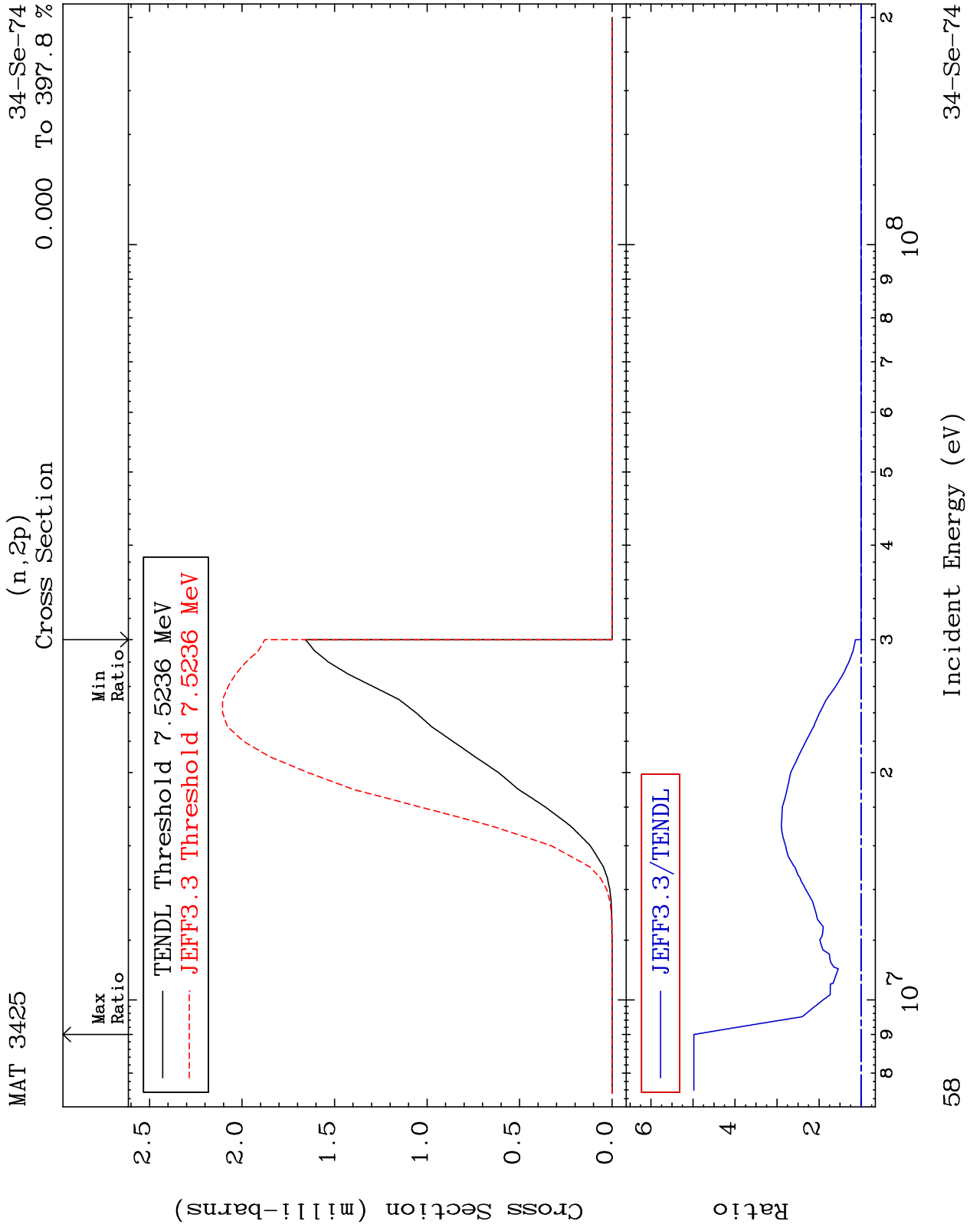
-58.52 To 2955. %



57

Incident Energy (eV)

³⁴Se-74



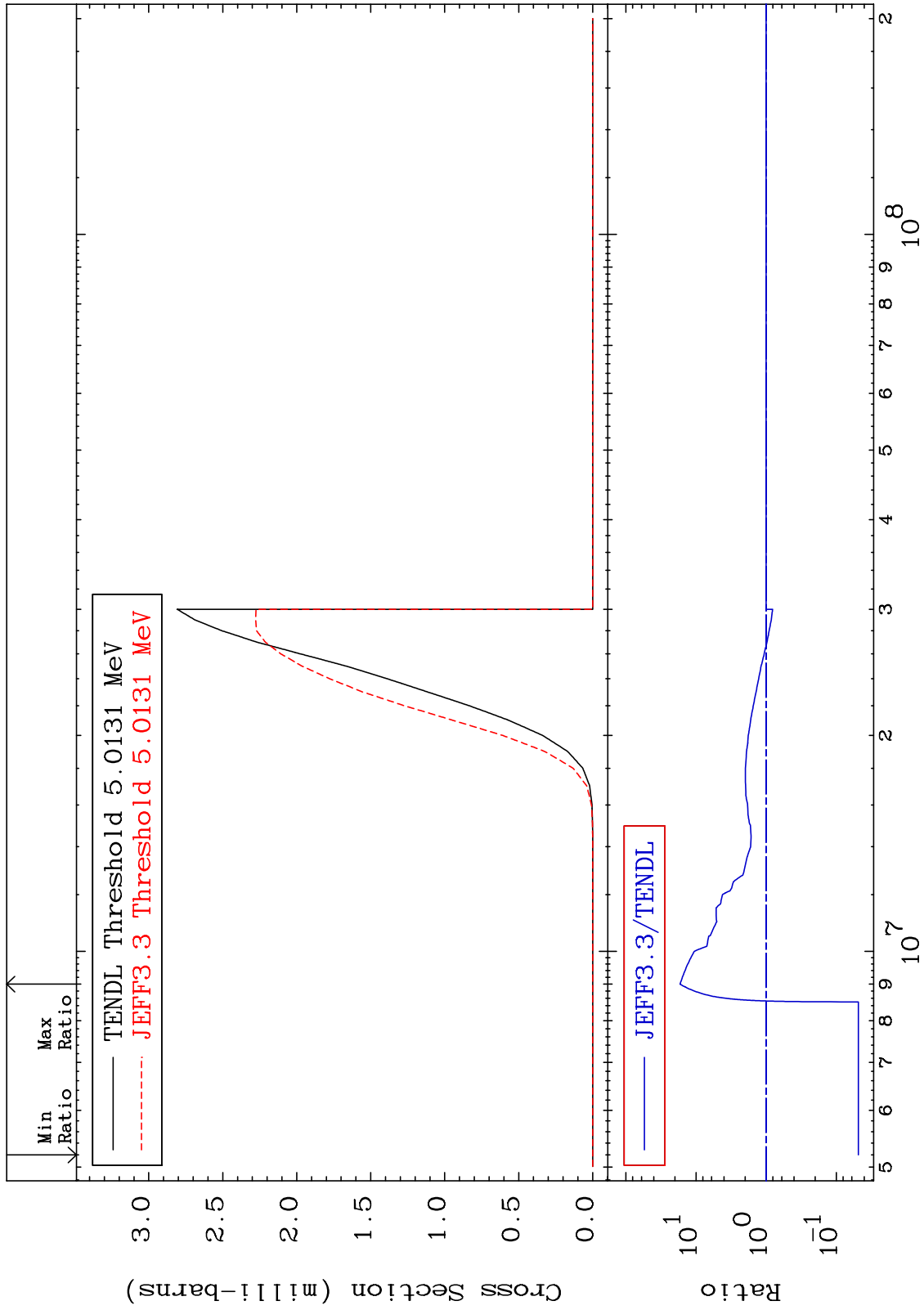
MAT 3425

(n,p) α

³⁴Se-74

Cross Section

-95.16 To 1592. %



59

Incident Energy (eV)

³⁴Se-74

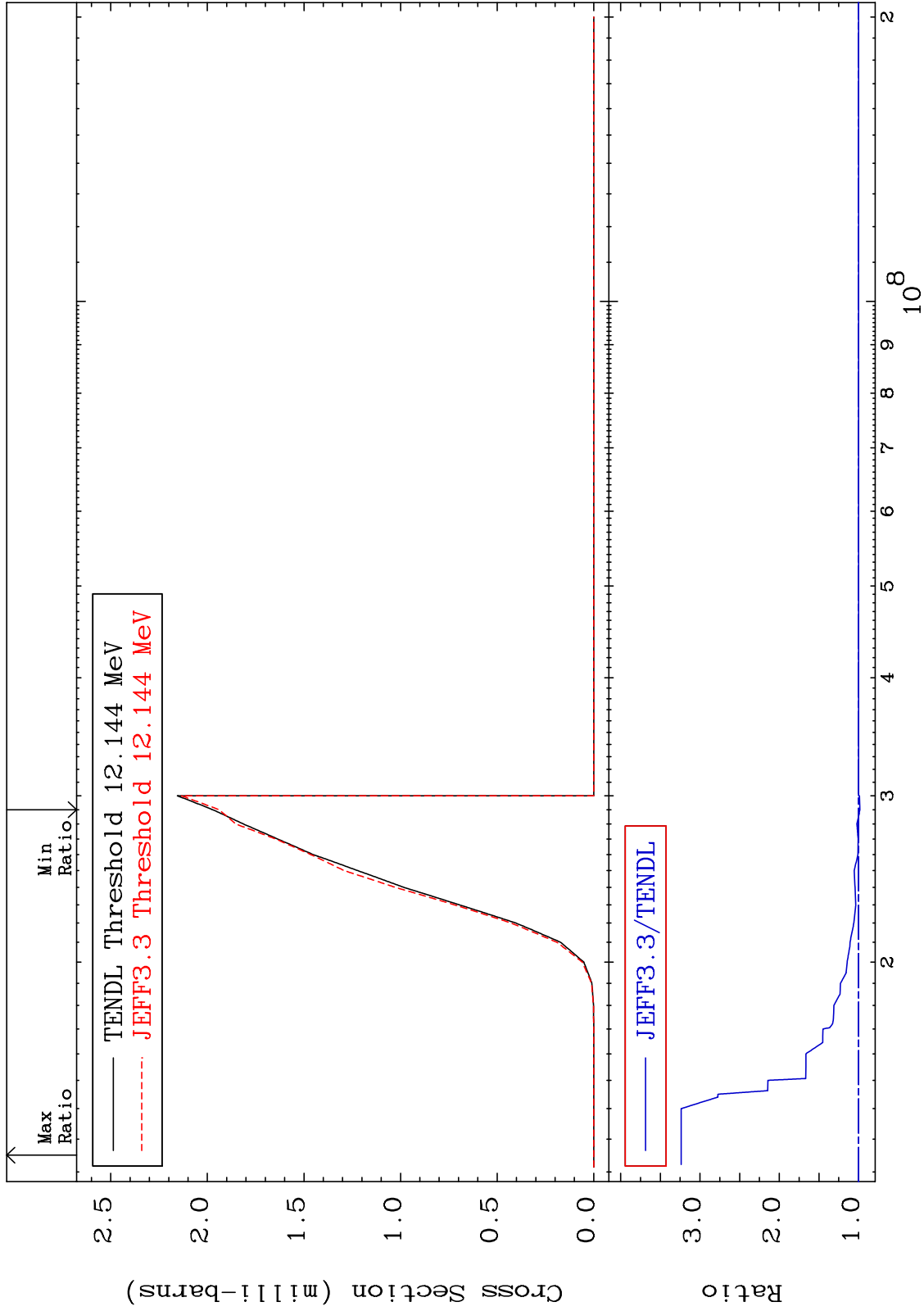
MAT 3425

(n,p) d

³⁴Se-74

Cross Section

-1.639 To 223.6 %



60

Incident Energy (eV)

³⁴Se-74

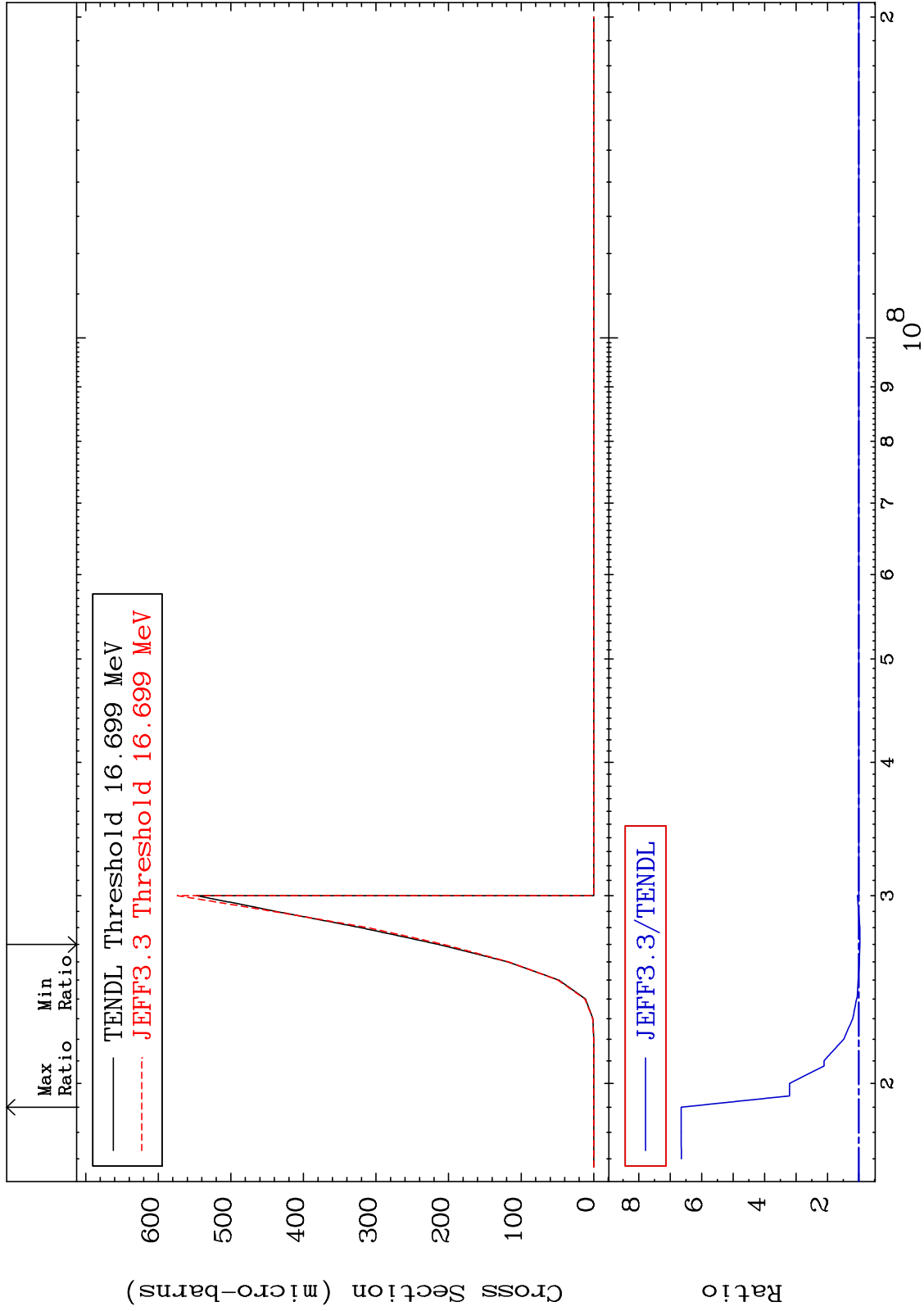
MAT 3425

(n,p) t

³⁴Se-74

Cross Section

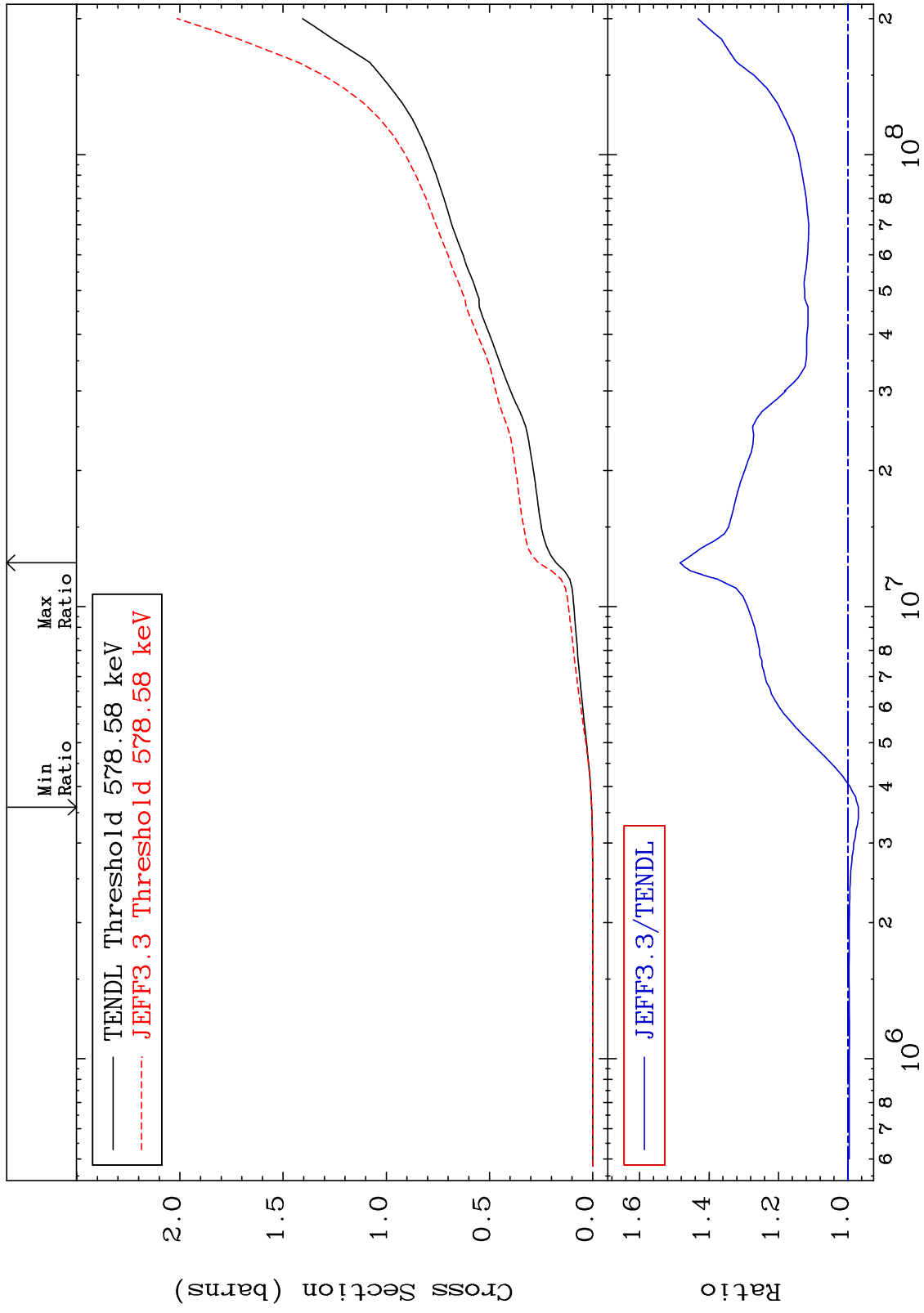
-3.295 To 565.1 %



MAT 3425

Hydrogen Production
Cross Section

³⁴Se-74
-3.043 To 48.38 %



63

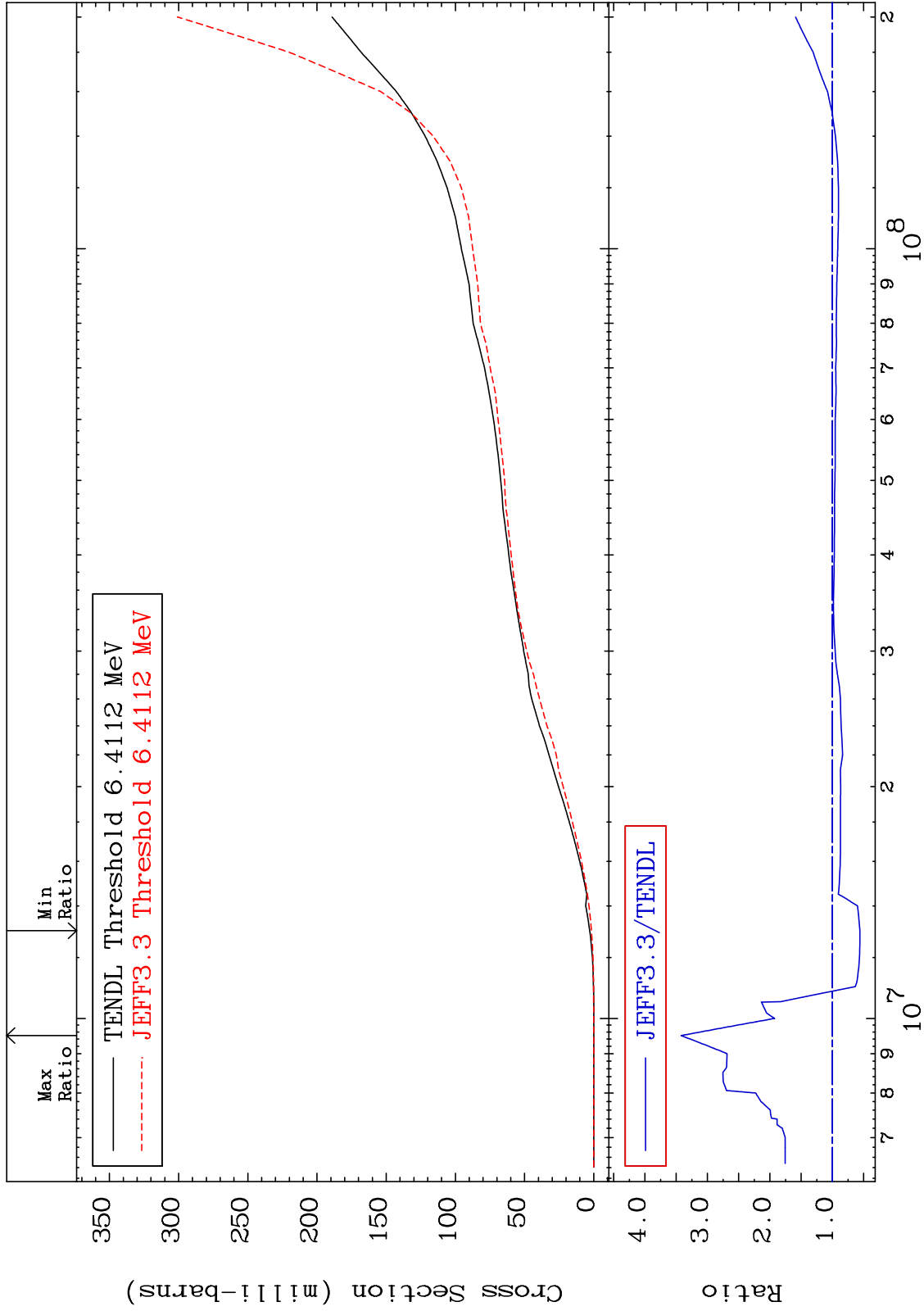
Incident Energy (eV)

³⁴Se-74

MAT 3425

Deuterium Production
Cross Section

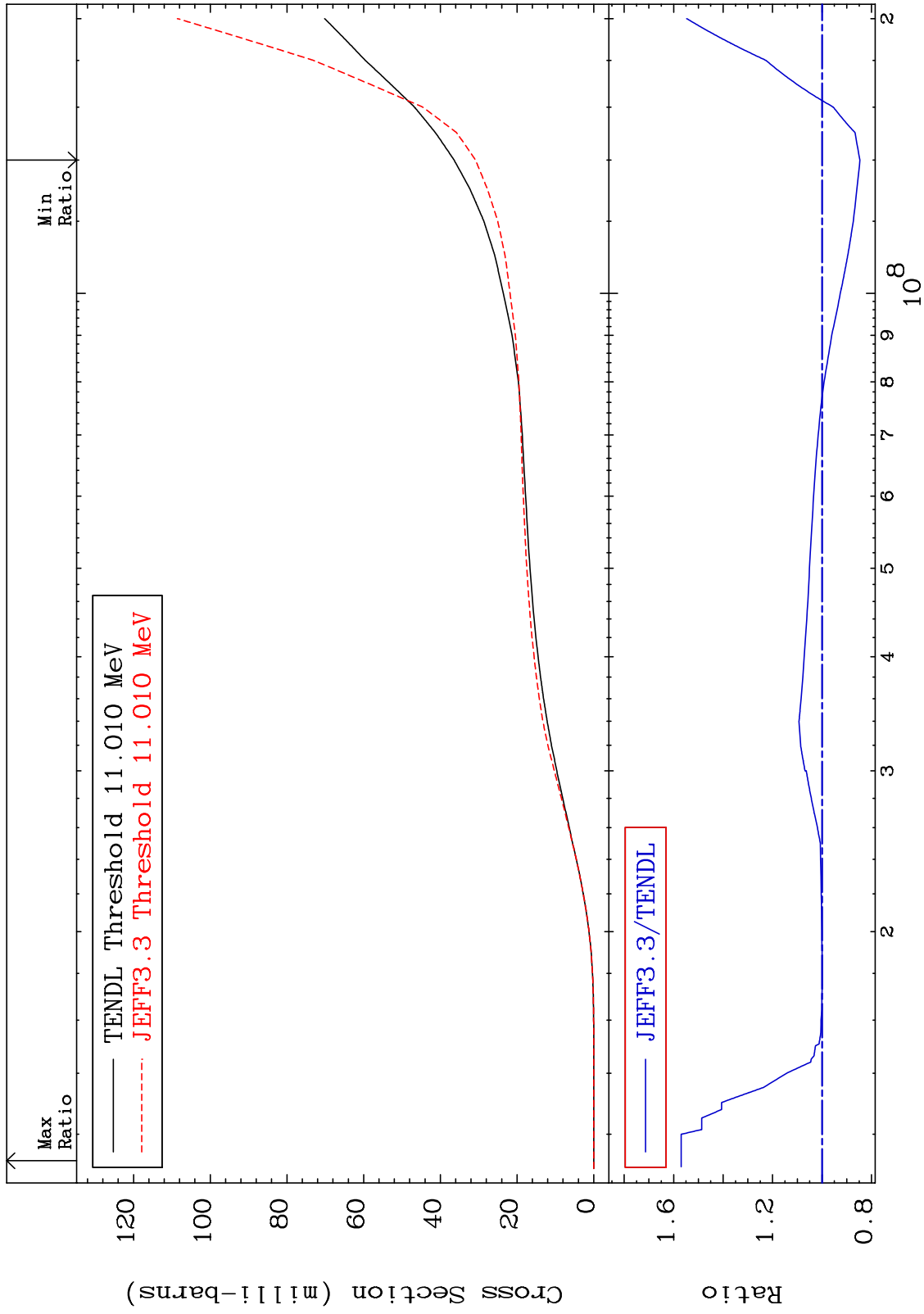
³⁴Se-74
-43.99 To 242.0 %



MAT 3425

Tritium Production
Cross Section

$^{34}\text{Se-74}$
-15.33 To 56.94 %



65

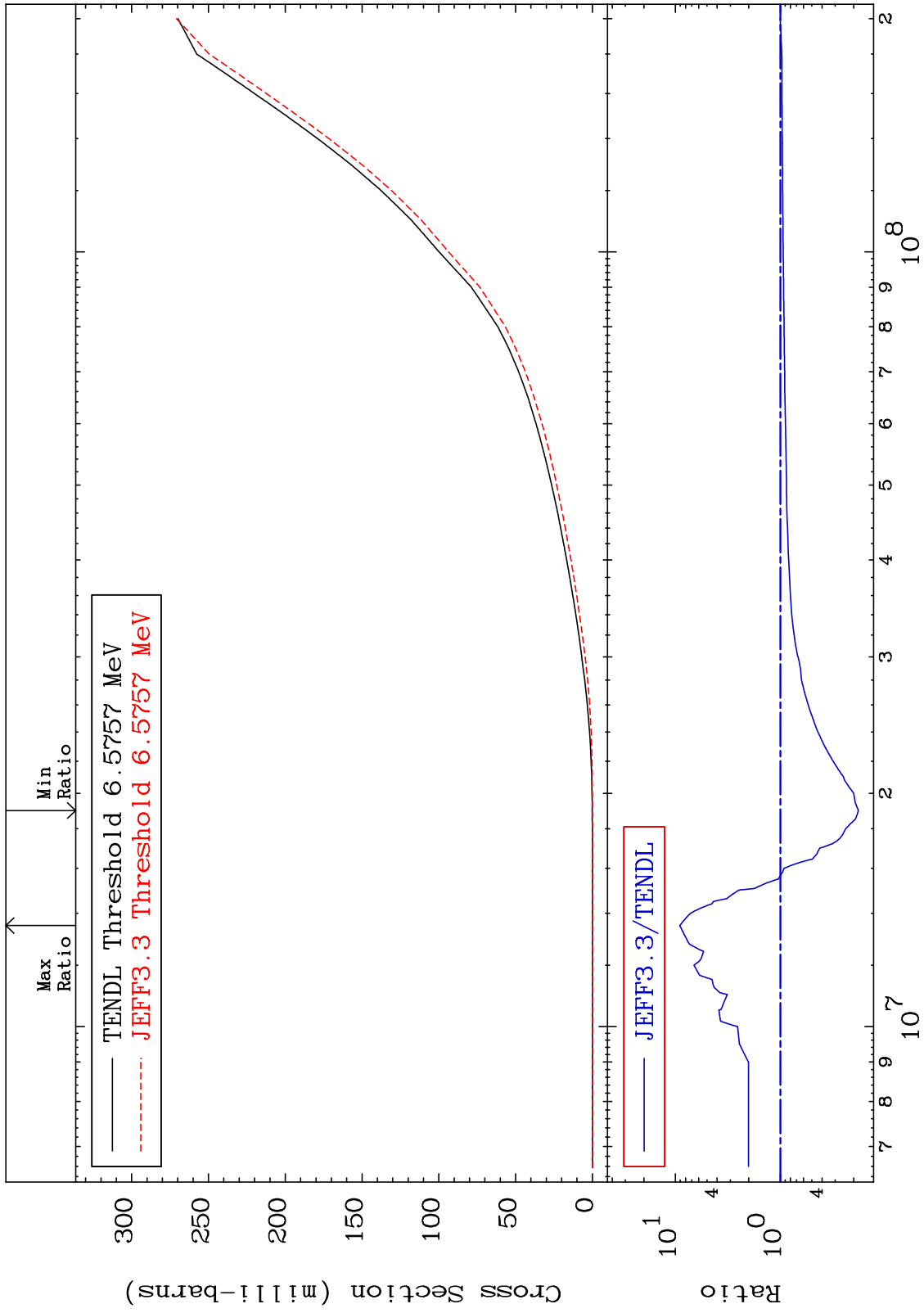
Incident Energy (eV)

$^{34}\text{Se-74}$

MAT 3425

He-3 Production
Cross Section

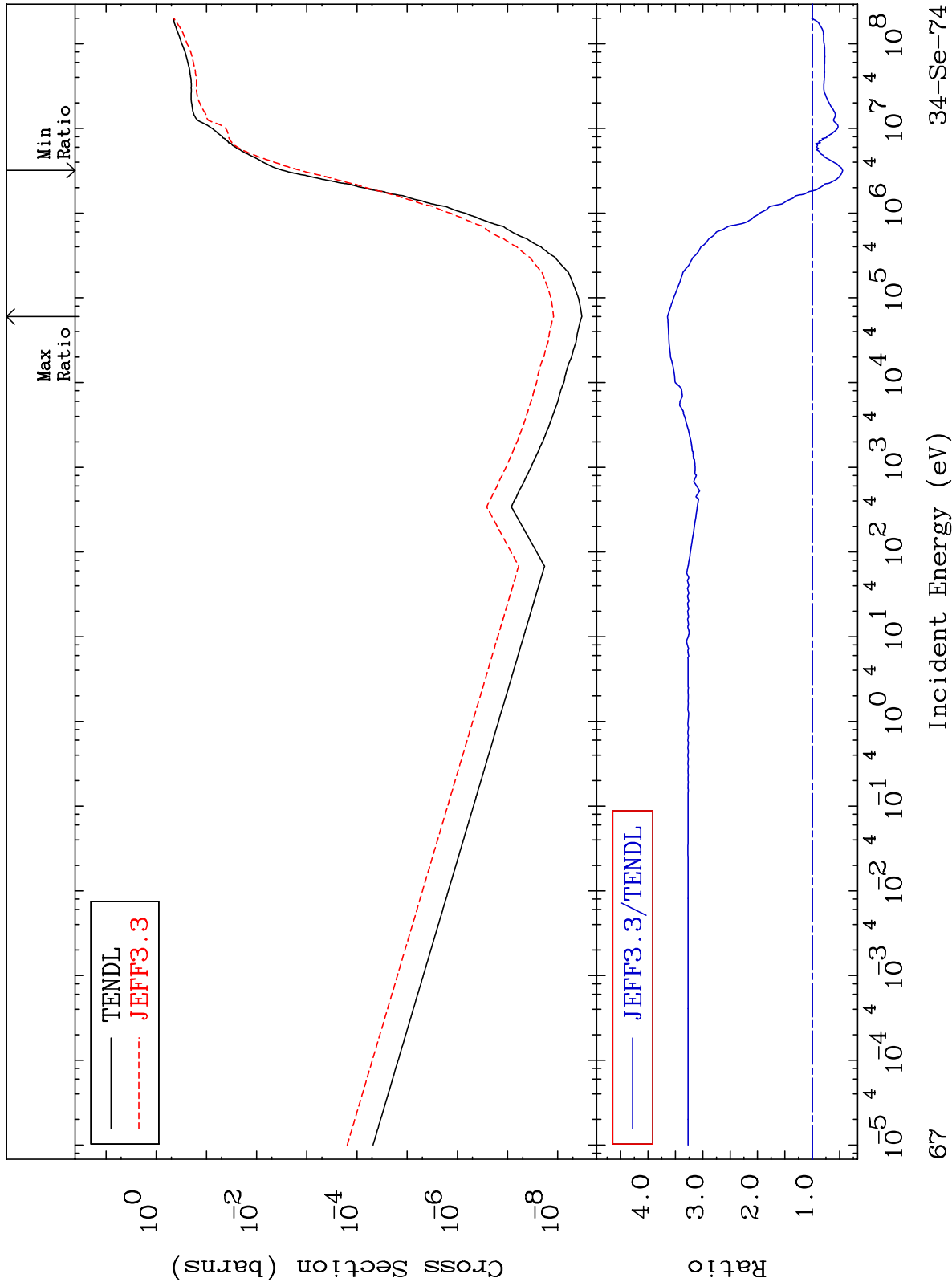
34-Se-74
-81.96 To 808.3 %



MAT 3425

He-4 Production
Cross Section

34-Se-74
-55.61 To 264.4 %



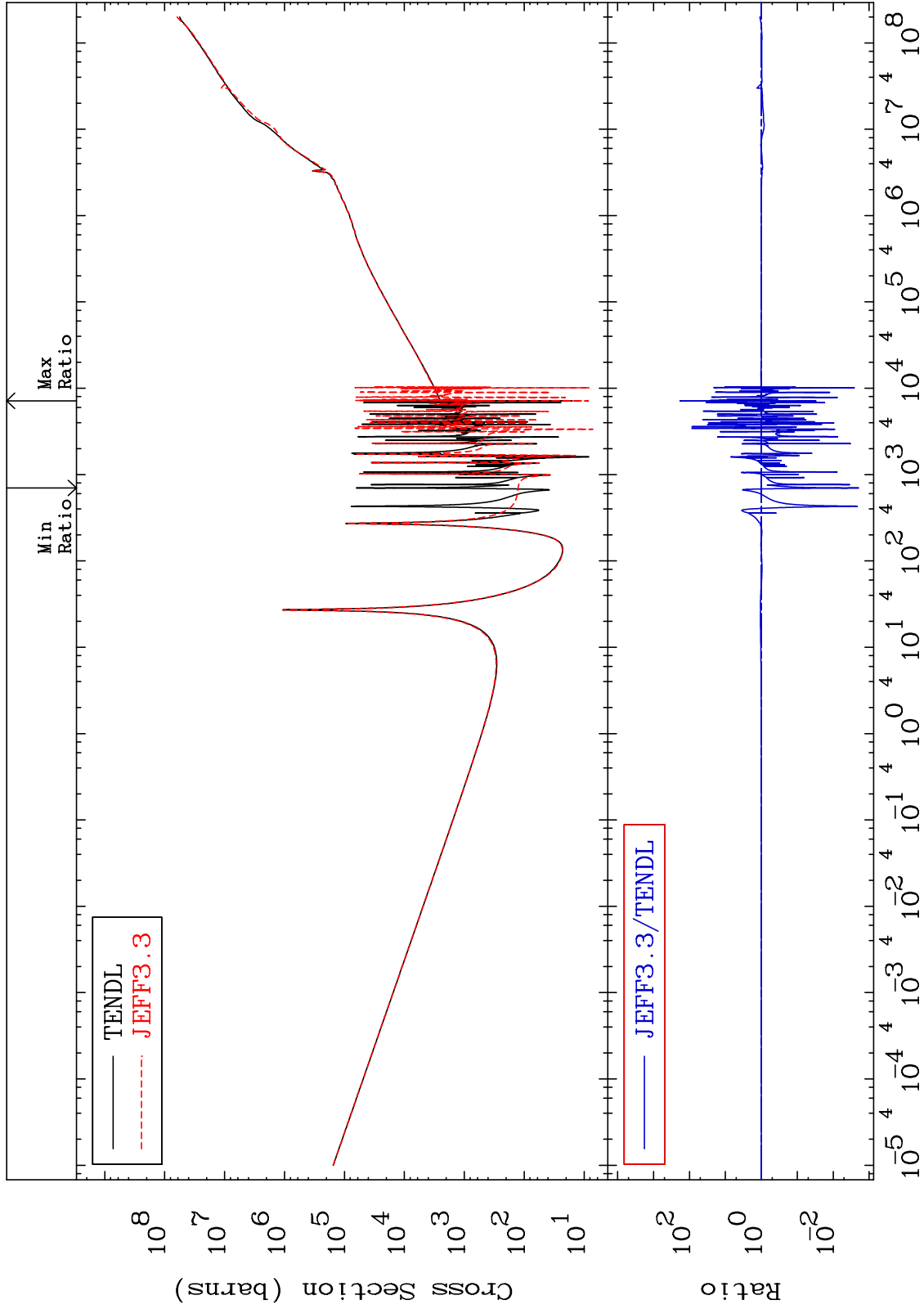
67

34-Se-74

MAT 3425

Kerma total (eV-barns)
Cross Section

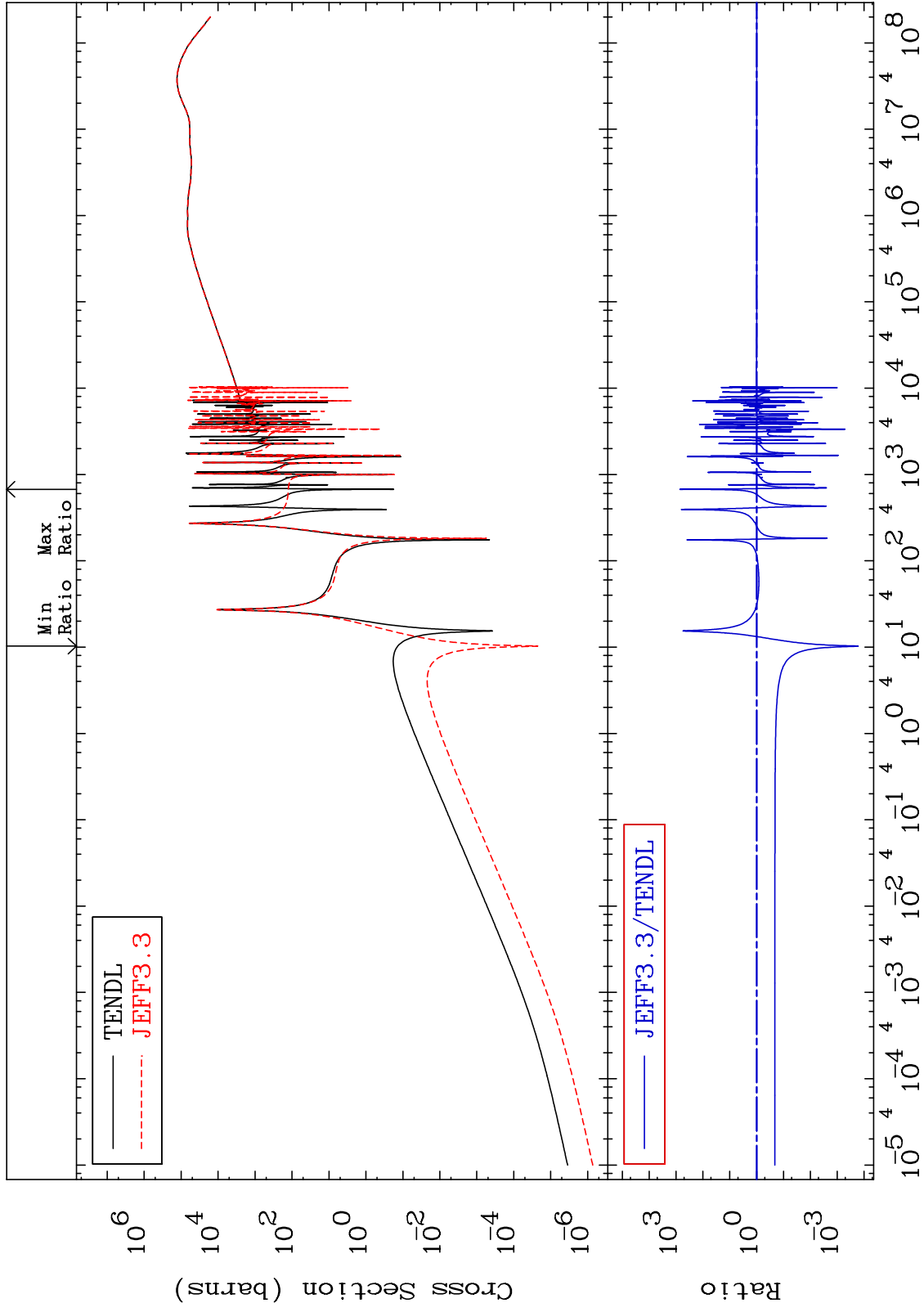
34-Se-74
-99.80 To 9999. %



MAT 3425

Kerma elastic
Cross Section

34-Se-74
-99.98 To 9999. %



69

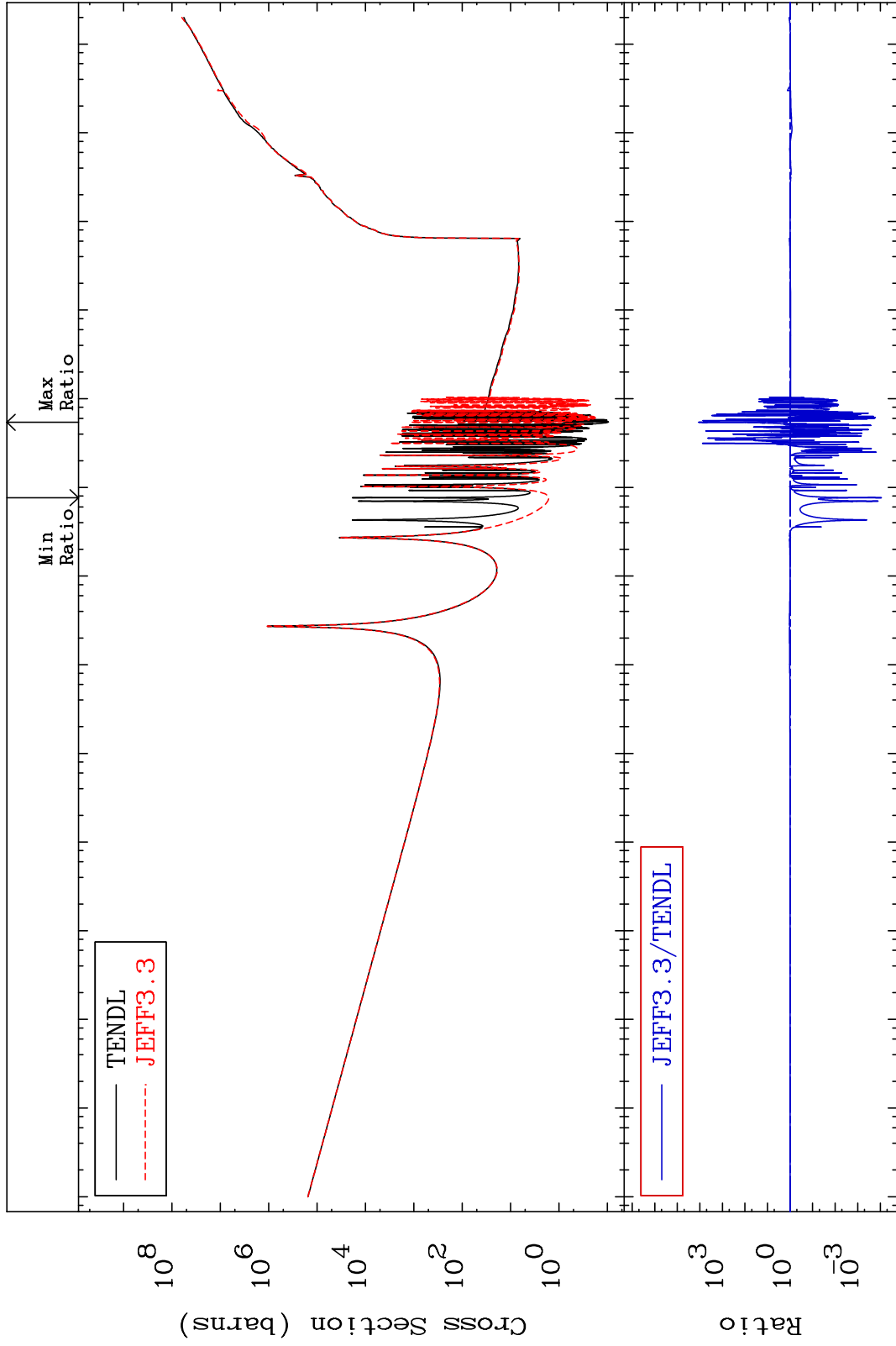
Incident Energy (eV)

34-Se-74

MAT 3425

Kerma non-elastic (all but mt2)
Cross Section

34-Se-74
-99.99 To 9999. %



70

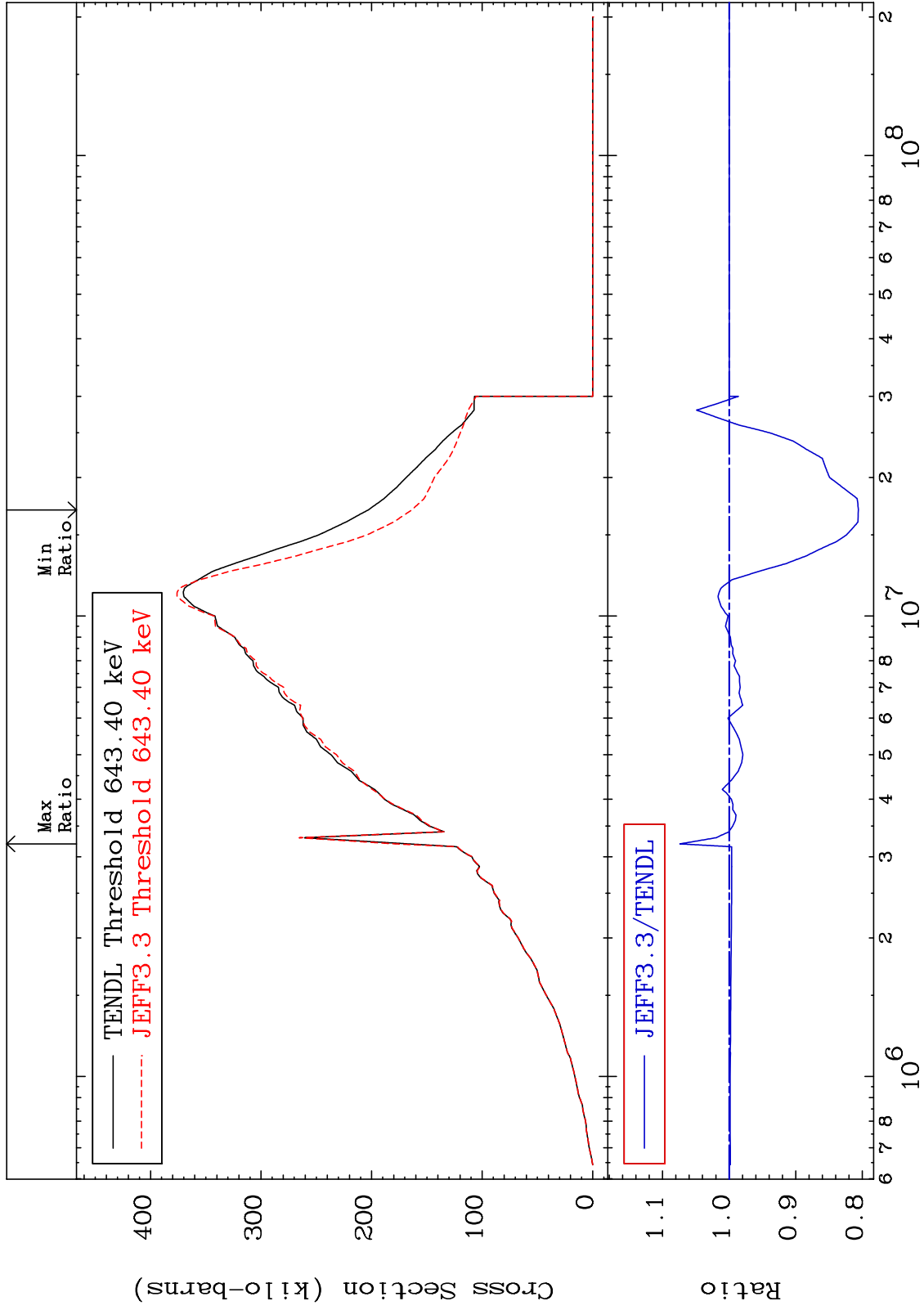
Incident Energy (eV)

34-Se-74

MAT 3425

Kerma inelastic (mt51-91)
Cross Section

34-Se-74
-19.41 To 7.379 %



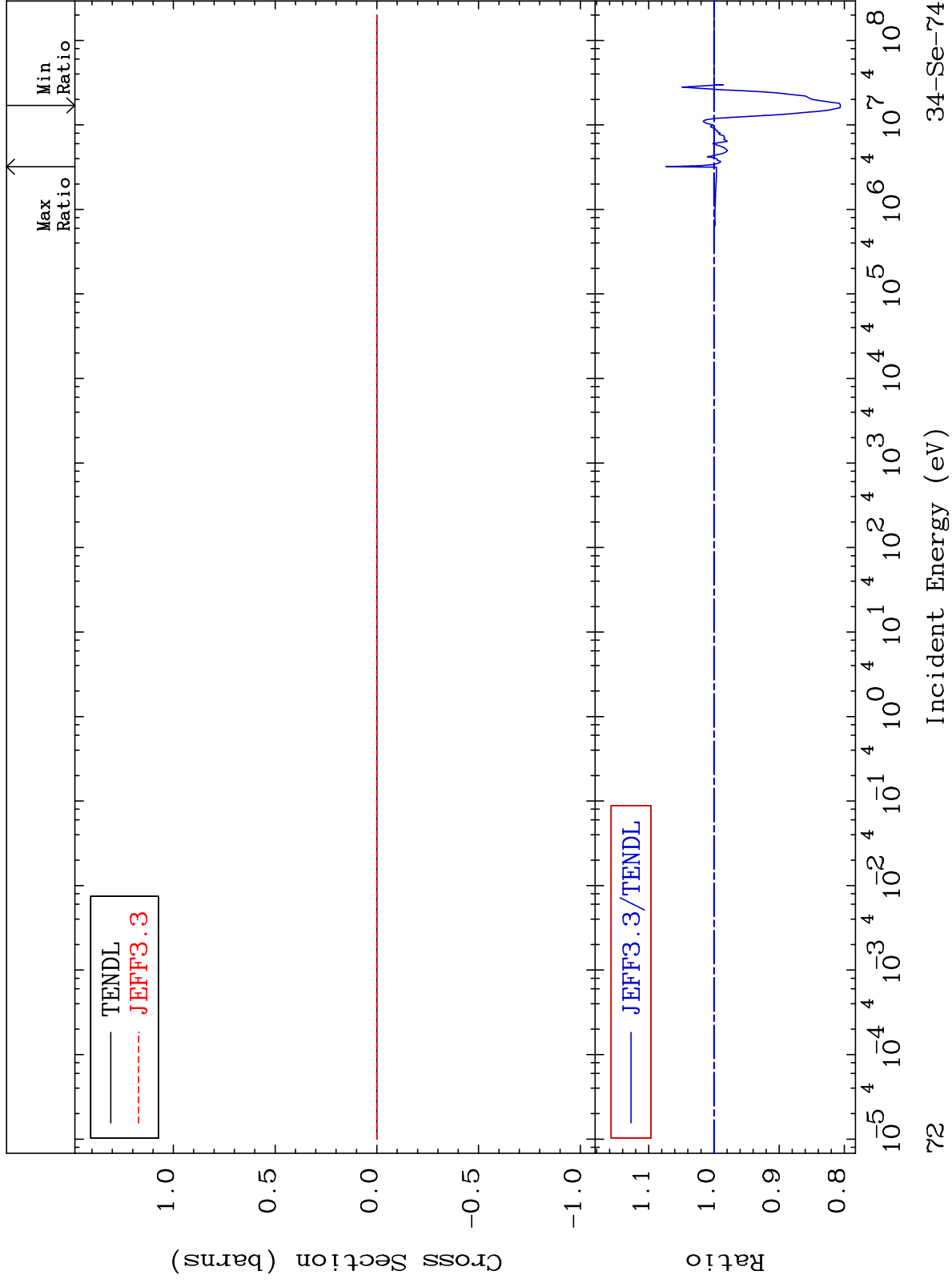
71

34-Se-74

MAT 3425

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

34-Se-74
-19.41 To 7.379 %



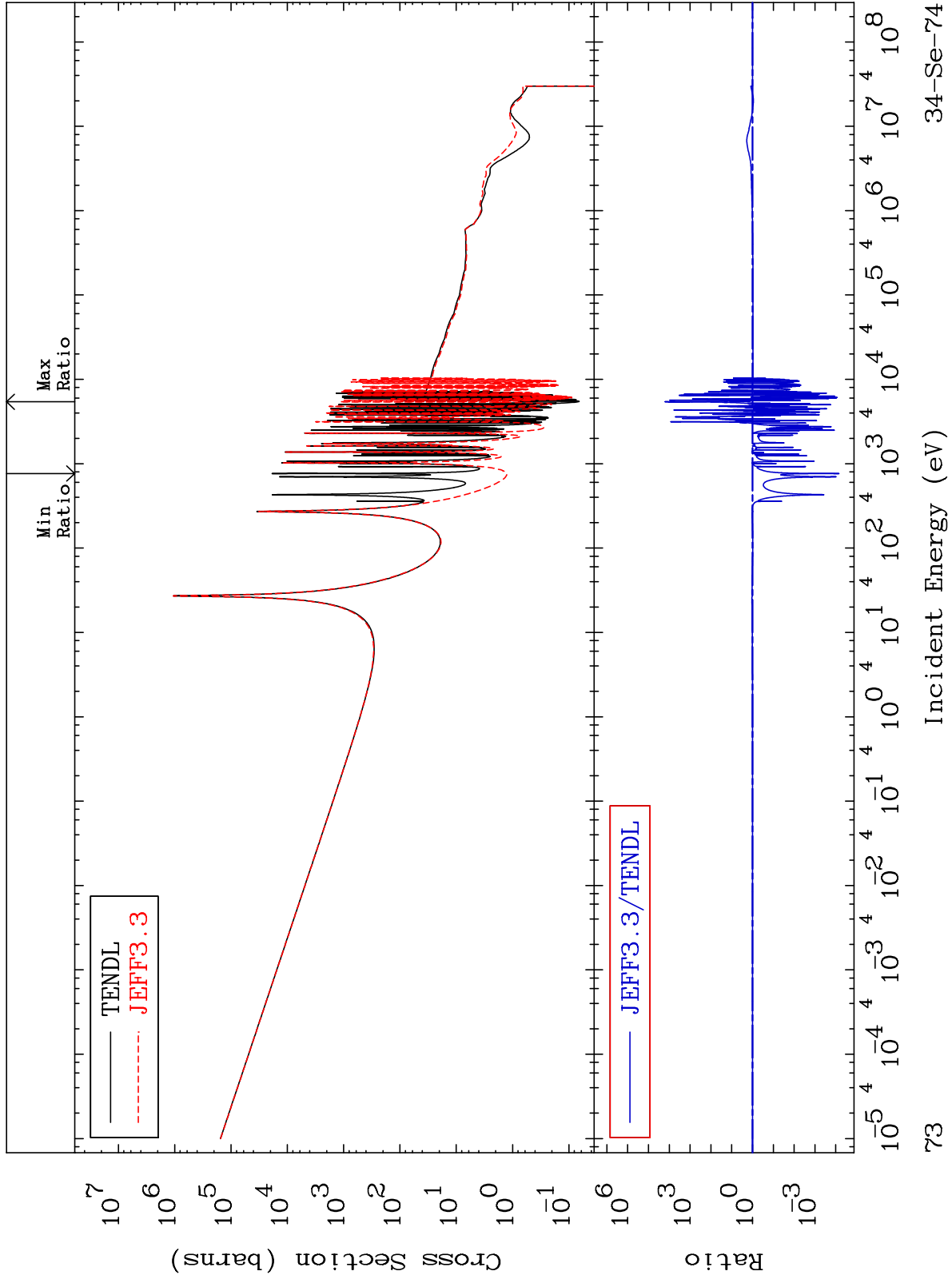
72

34-Se-74

MAT 3425

Kerma capture (mt102)
Cross Section

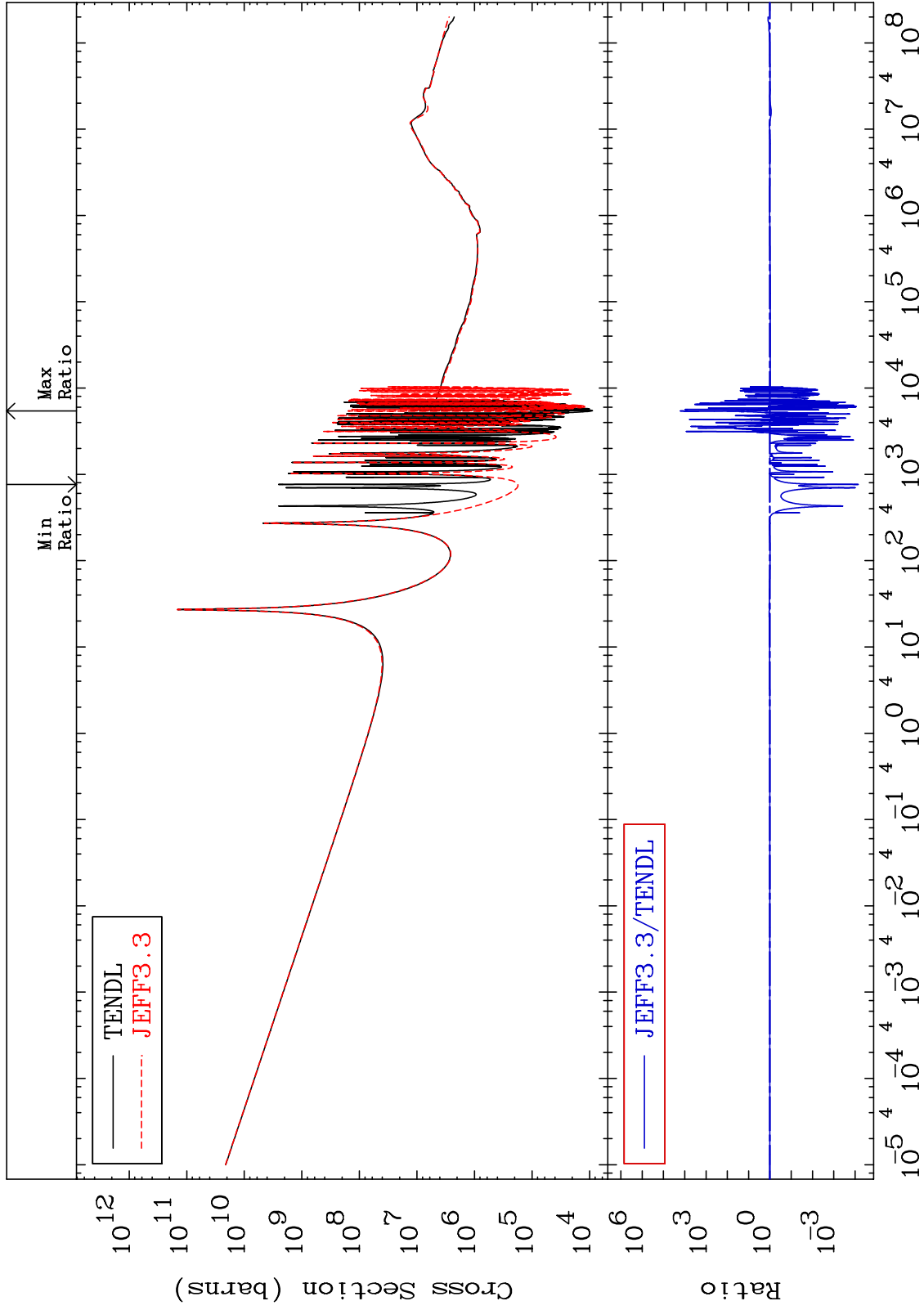
34-Se-74
-99.99 To 9999. %



MAT 3425

Total photon (eV-barns)
Cross Section

34-Se-74
-99.99 To 9999. %



74

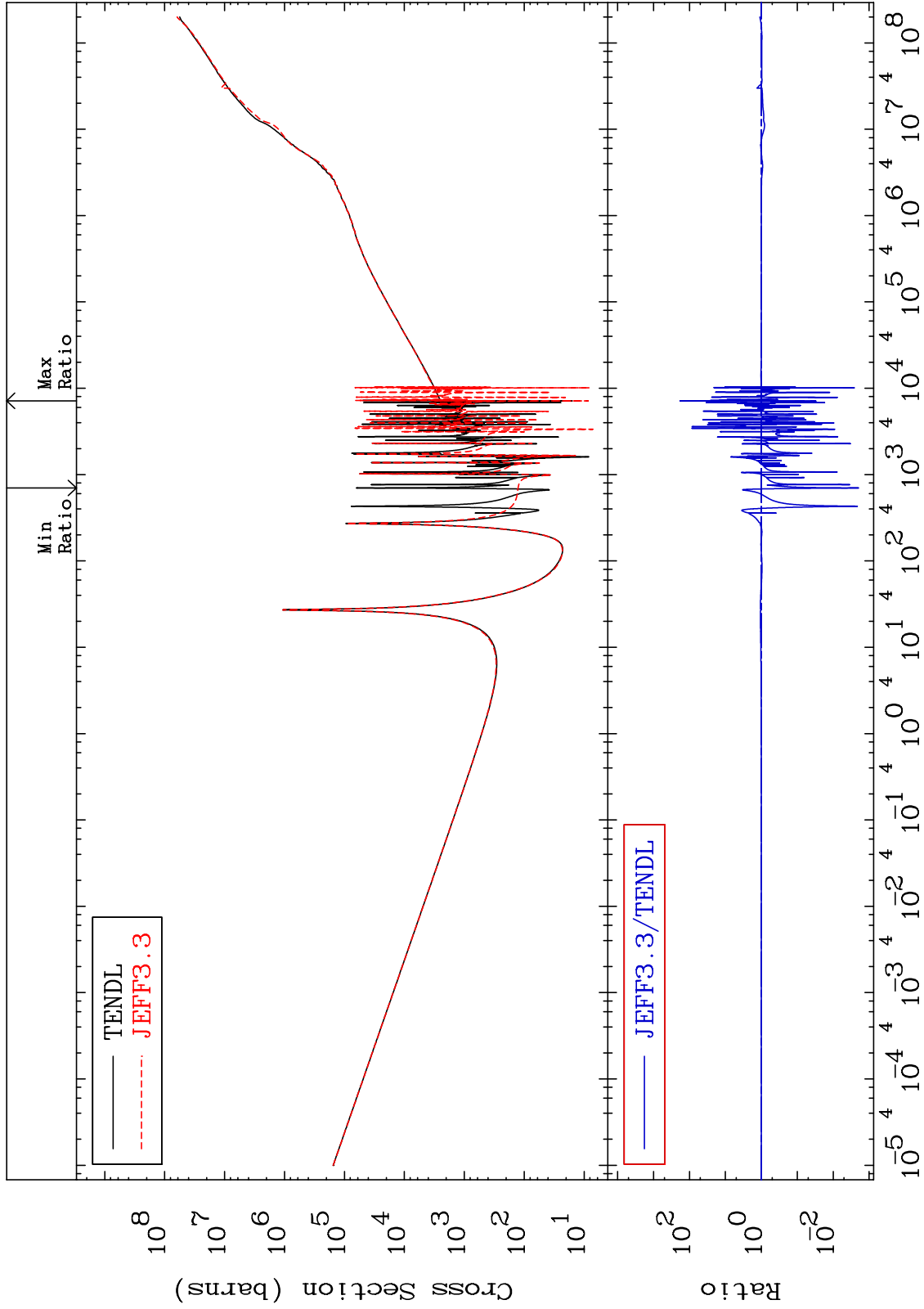
Incident Energy (eV)

34-Se-74

MAT 3425

Total kinematic kerma (high limit)
Cross Section

34-Se-74
-99.80 To 9999. %



75

Incident Energy (eV)

34-Se-74

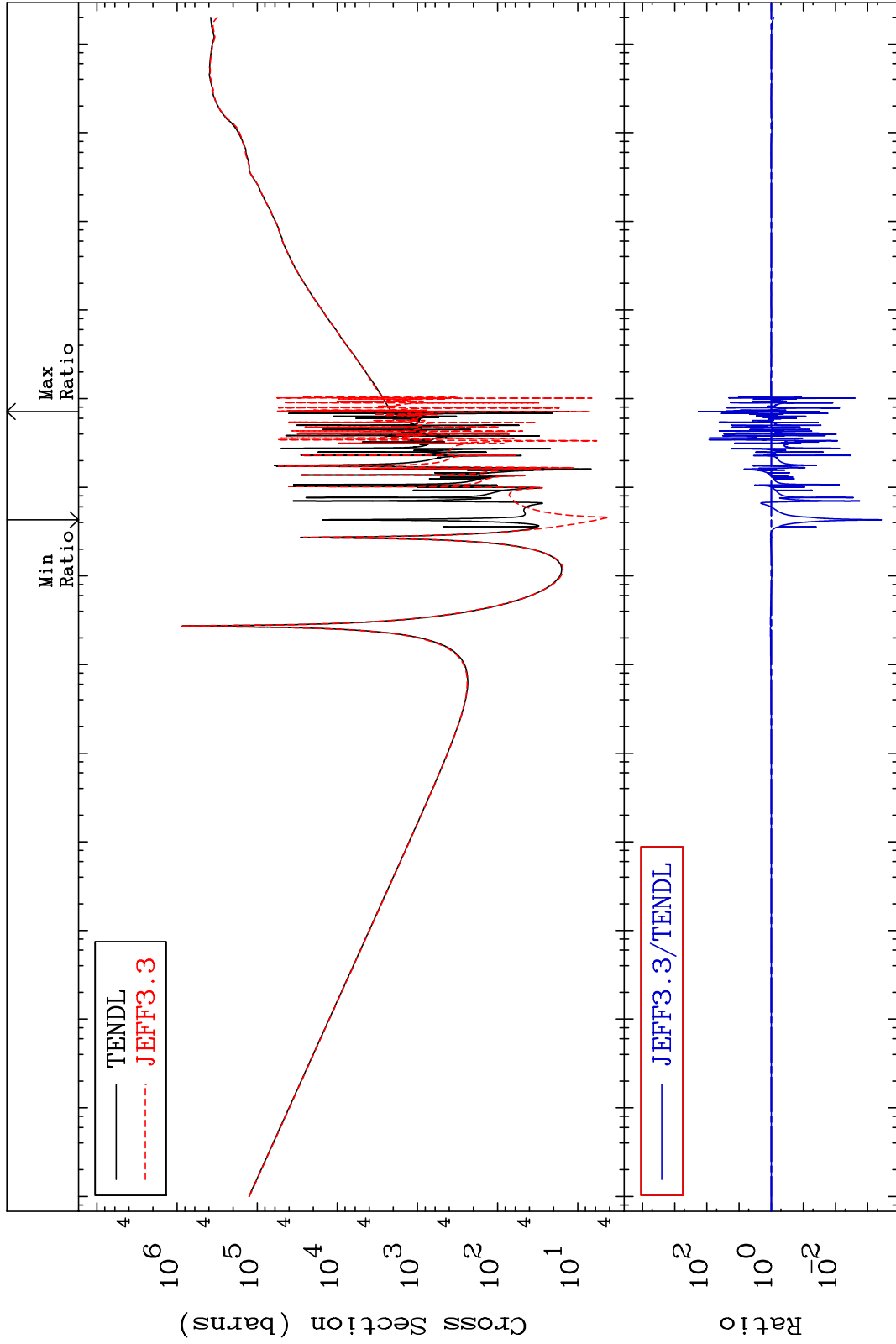
MAT 3425

Dpa total (eV-barns)

34-Se-74

-99.96 To 9999. %

Cross Section



76

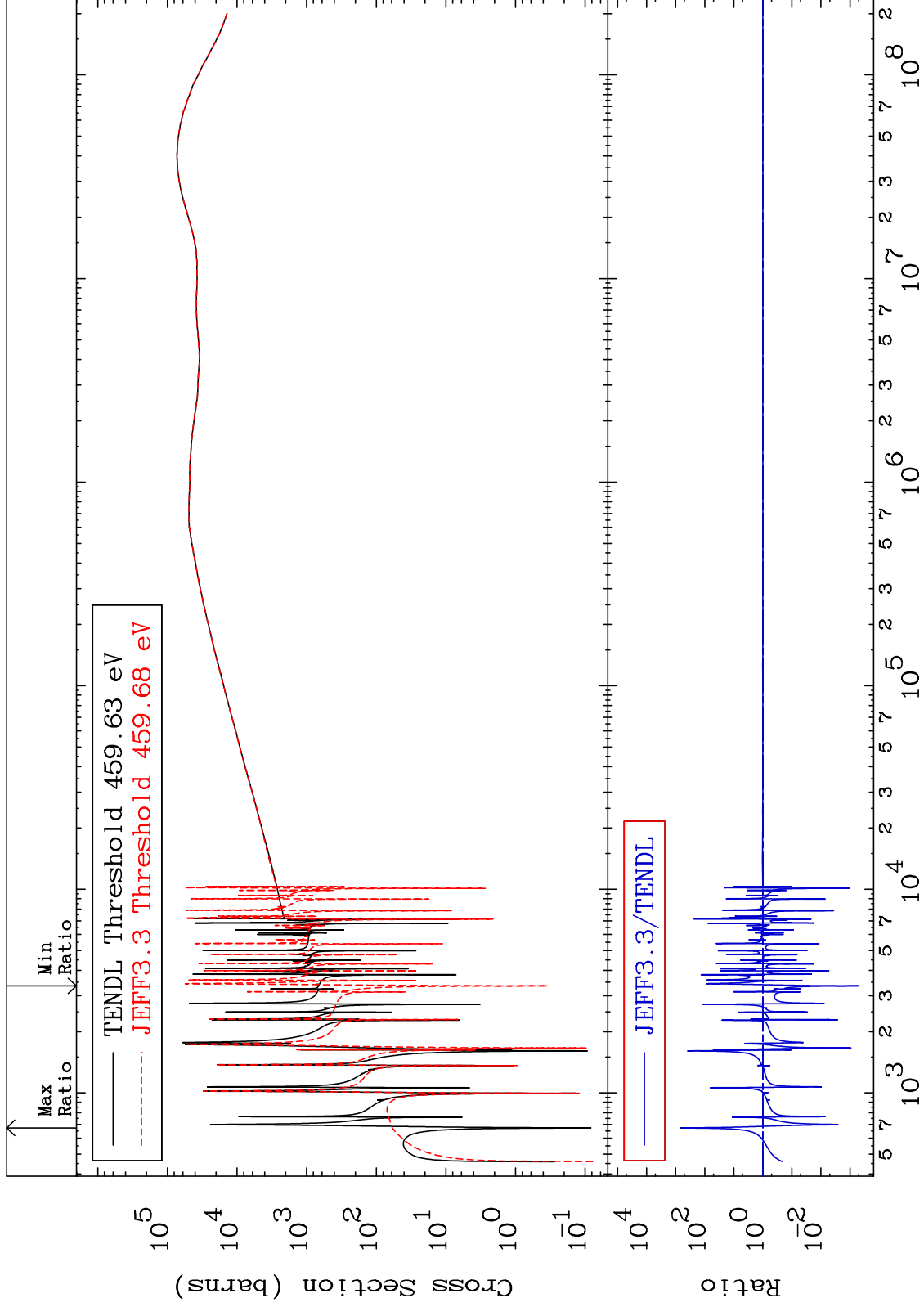
Incident Energy (eV)

34-Se-74

MAT 3425

Dpa elastic (mt2)
Cross Section

34-Se-74
-99.95 To 9999. %



77

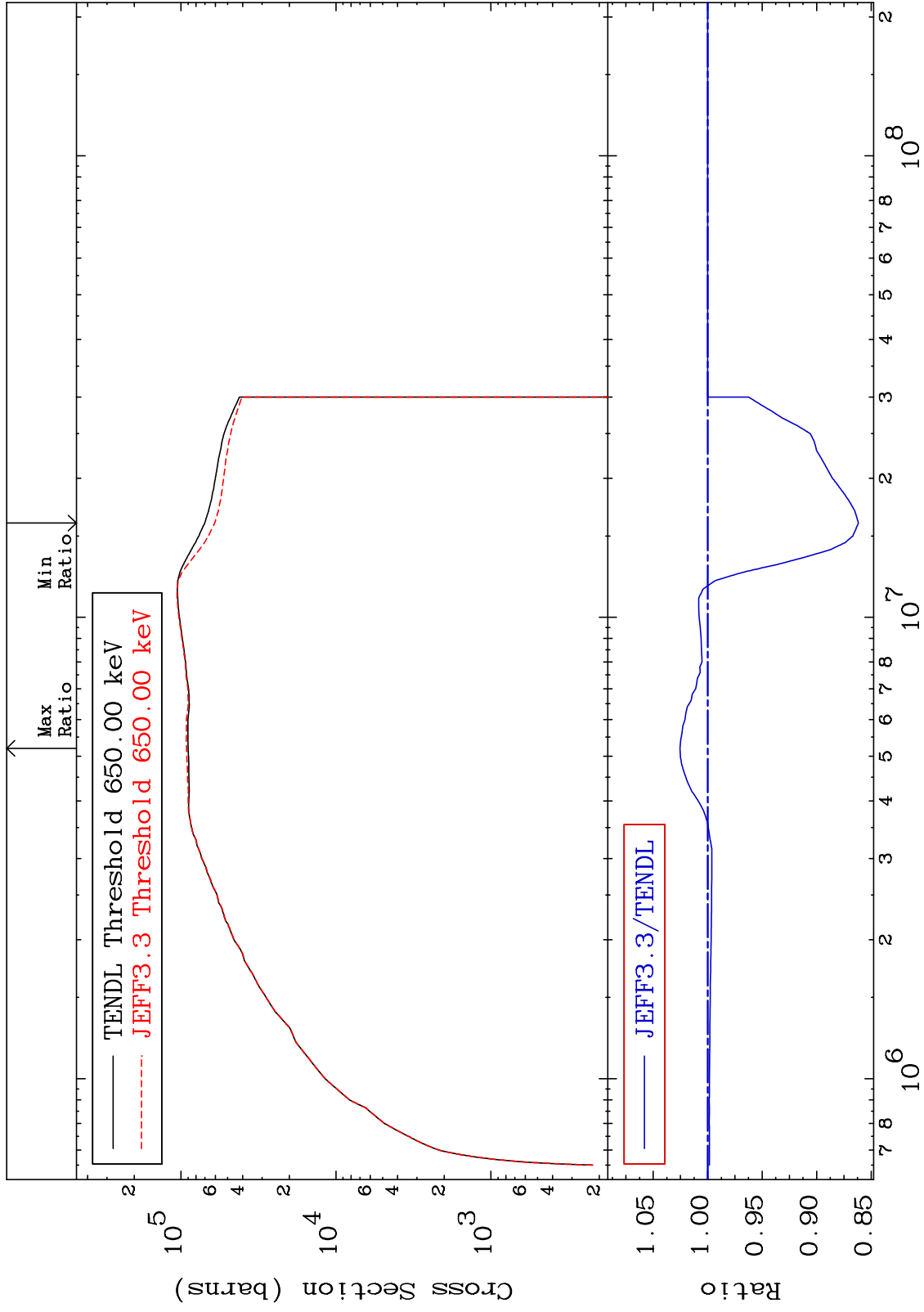
34-Se-74

34-Se-74

MAT 3425

Dpa inelastic (mt51-91)
Cross Section

34-Se-74
-13.83 To 2.537 %



78

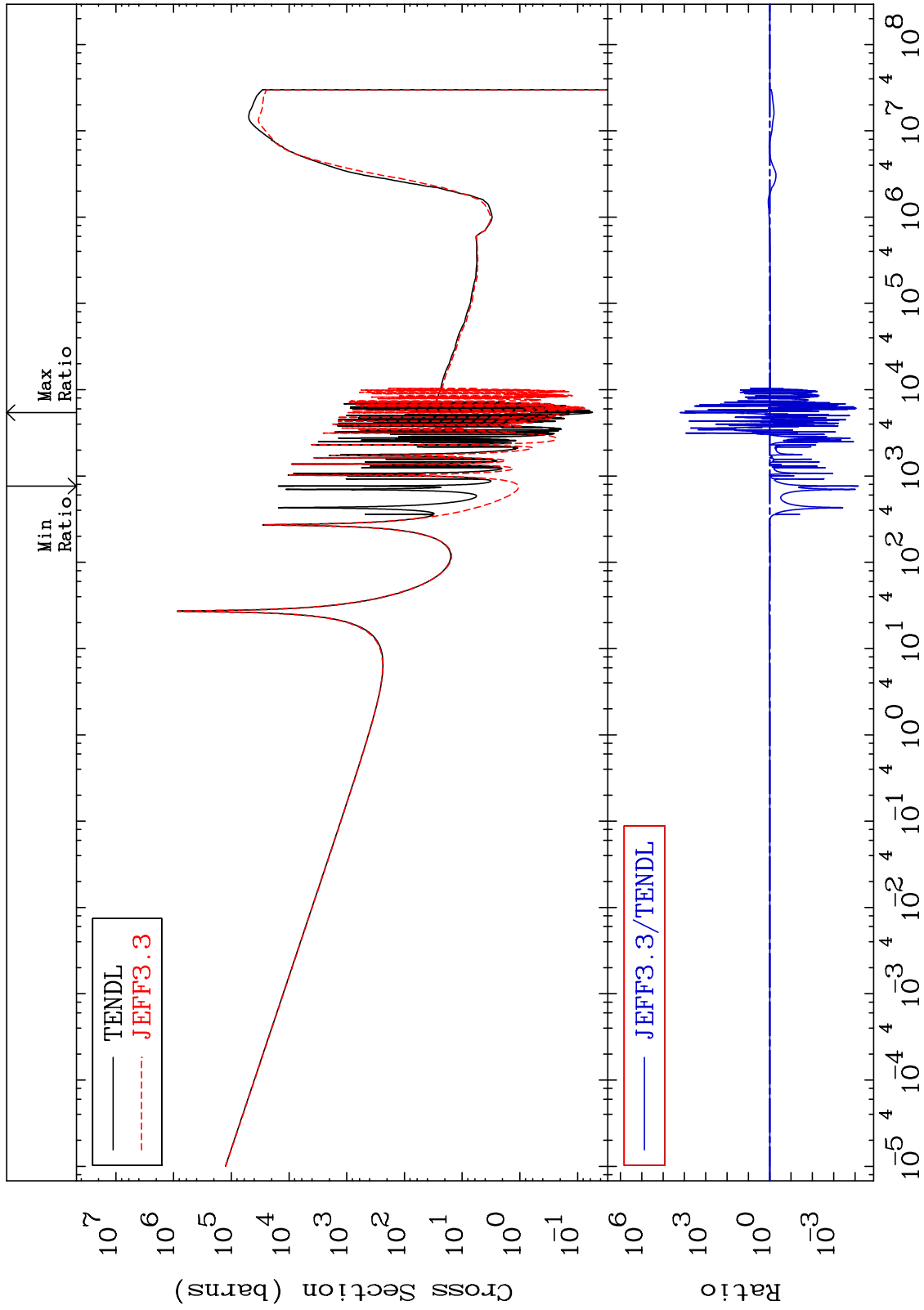
Incident Energy (eV)

34-Se-74

MAT 3425

Dpa disappearance (mt102 -120)
Cross Section

34-Se-74
-99.99 To 9999. %



79

Incident Energy (eV)

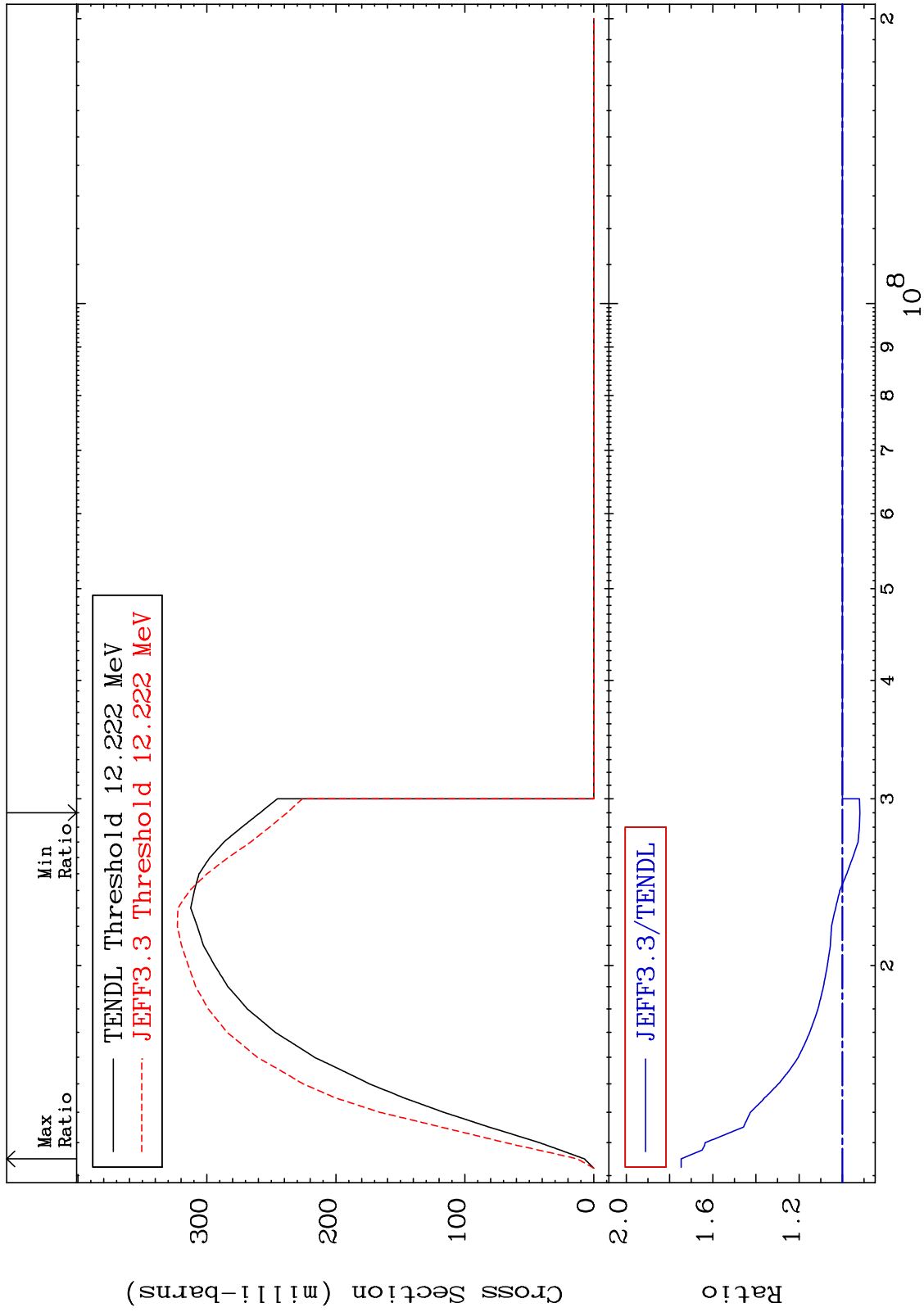
34-Se-74

MAT 3425

(n,2n):34-Se-73g

34-Se-74

Radionuclide Production Cross Section -8.117 To 74.60 %



80

Incident Energy (eV)

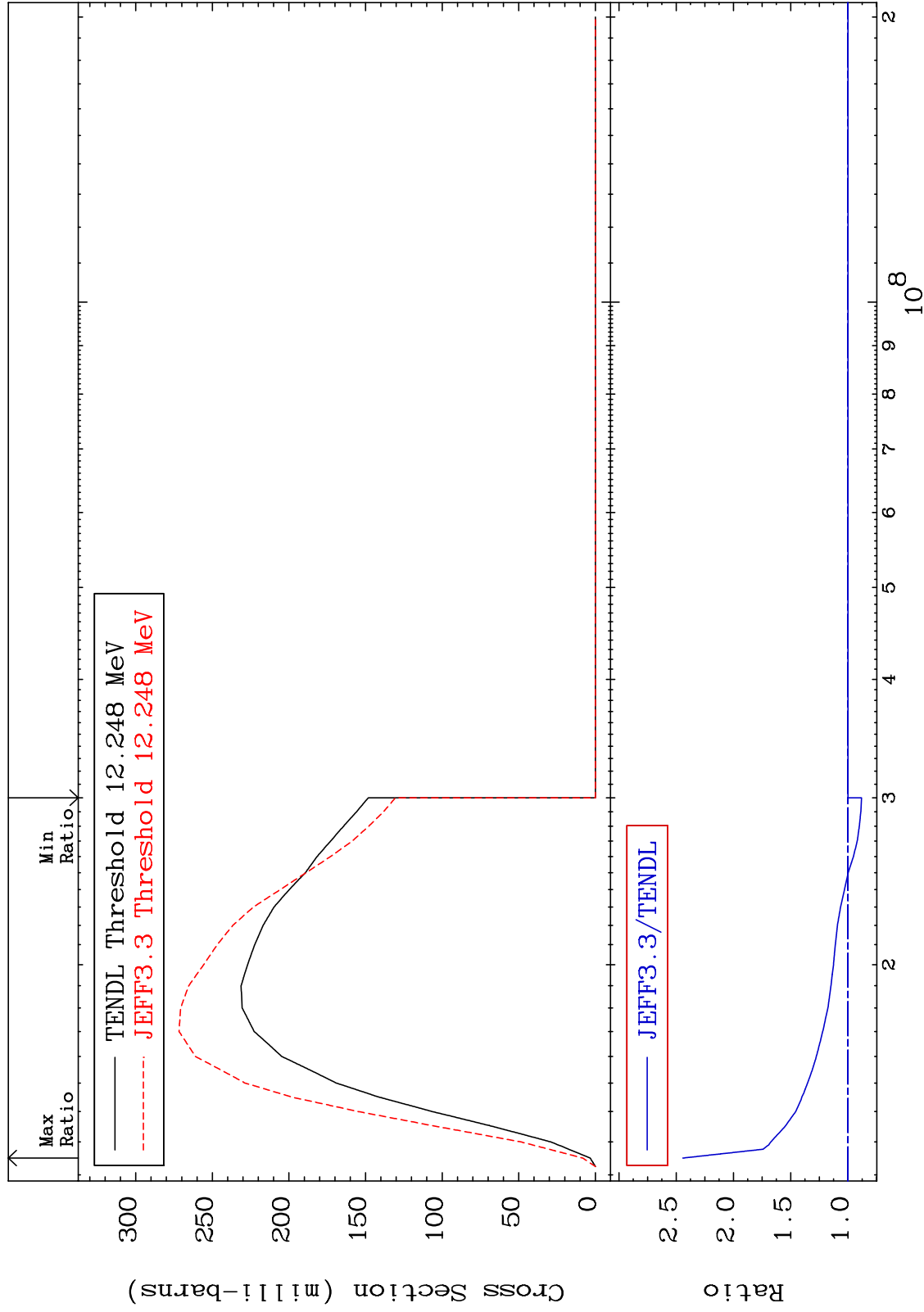
34-Se-74

MAT 3425

(n,2n):34-Se-73m1

34-Se-74

Radionuclide Production Cross Section -11.97 To 144.2 %

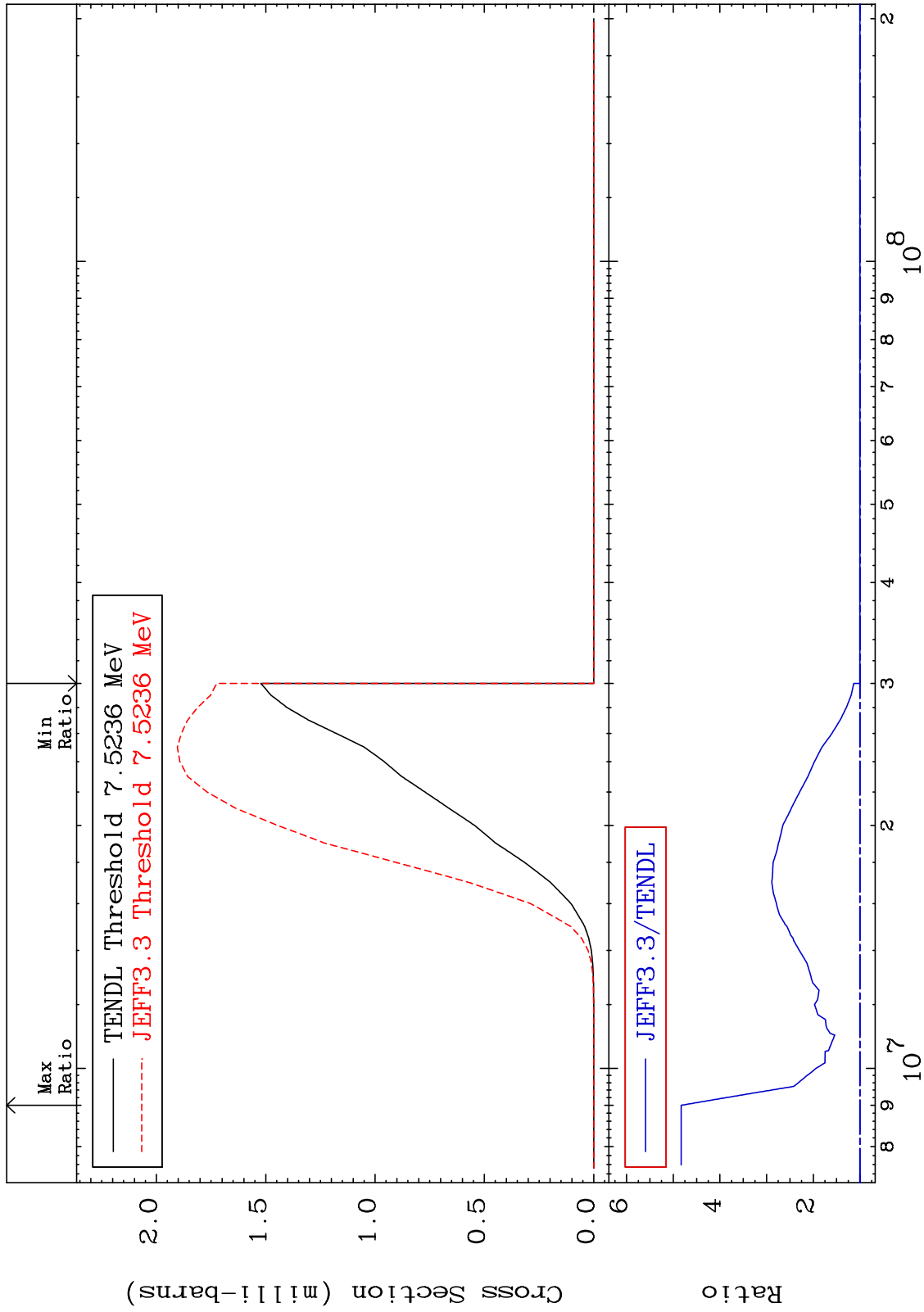


MAT 3425

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

34-Ge-74

Radionuclide Production Cross Section 0.000 To 382.9 %



82

Incident Energy (eV)

34-Ge-74

MAT 3425

(n,2p):32-Ge-73m2

34-Se-74

Radionuclide Production Cross Section -14.73 To 594.0 %

