

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

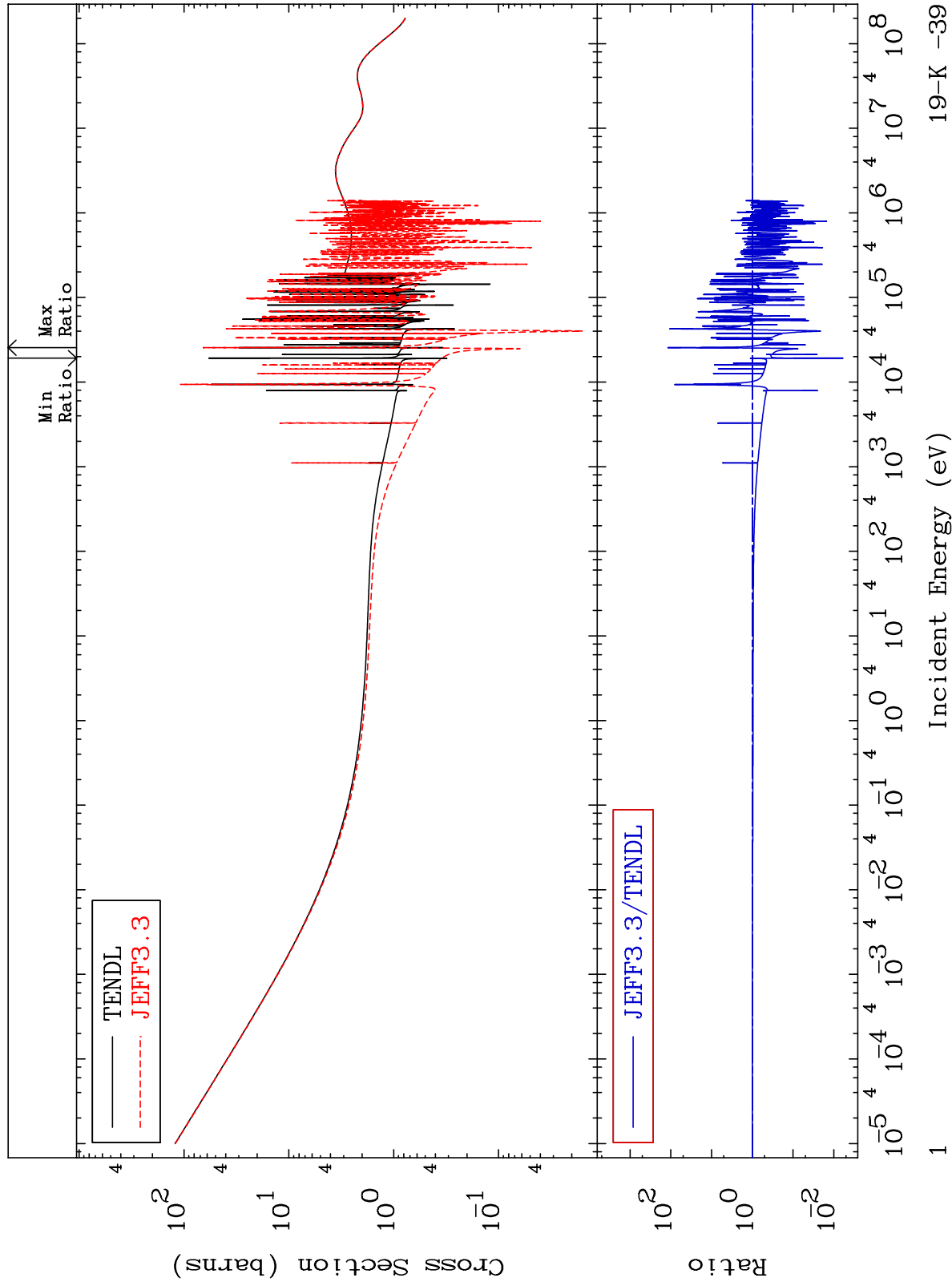
MAT 1925

Total

Cross Section

19-K -39

-99.40 To 9999. %



19-K -39

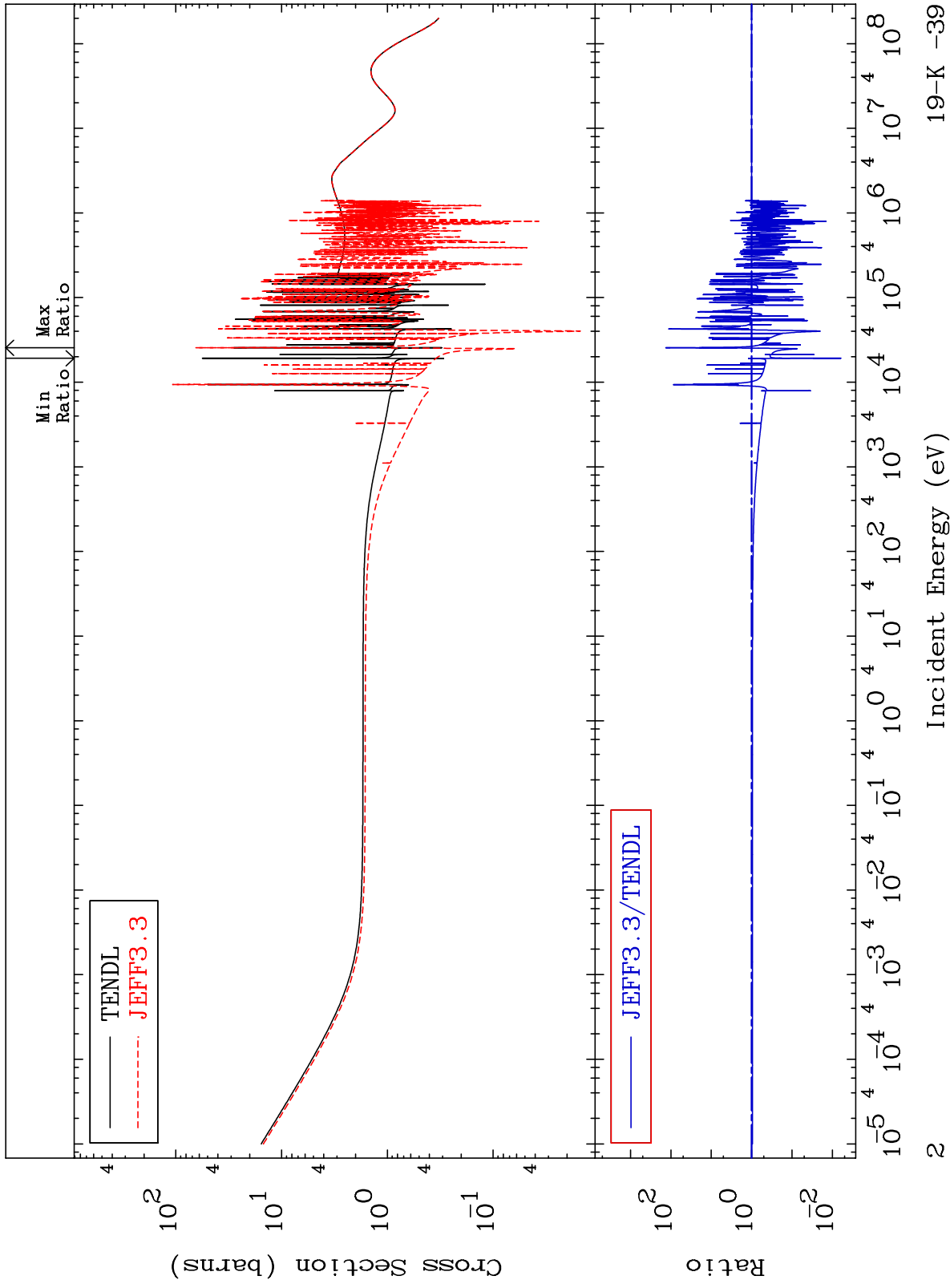
MAT 1925

Elastic

Cross Section

19-K -39

-99.38 To 9999. %



Incident Energy (eV)

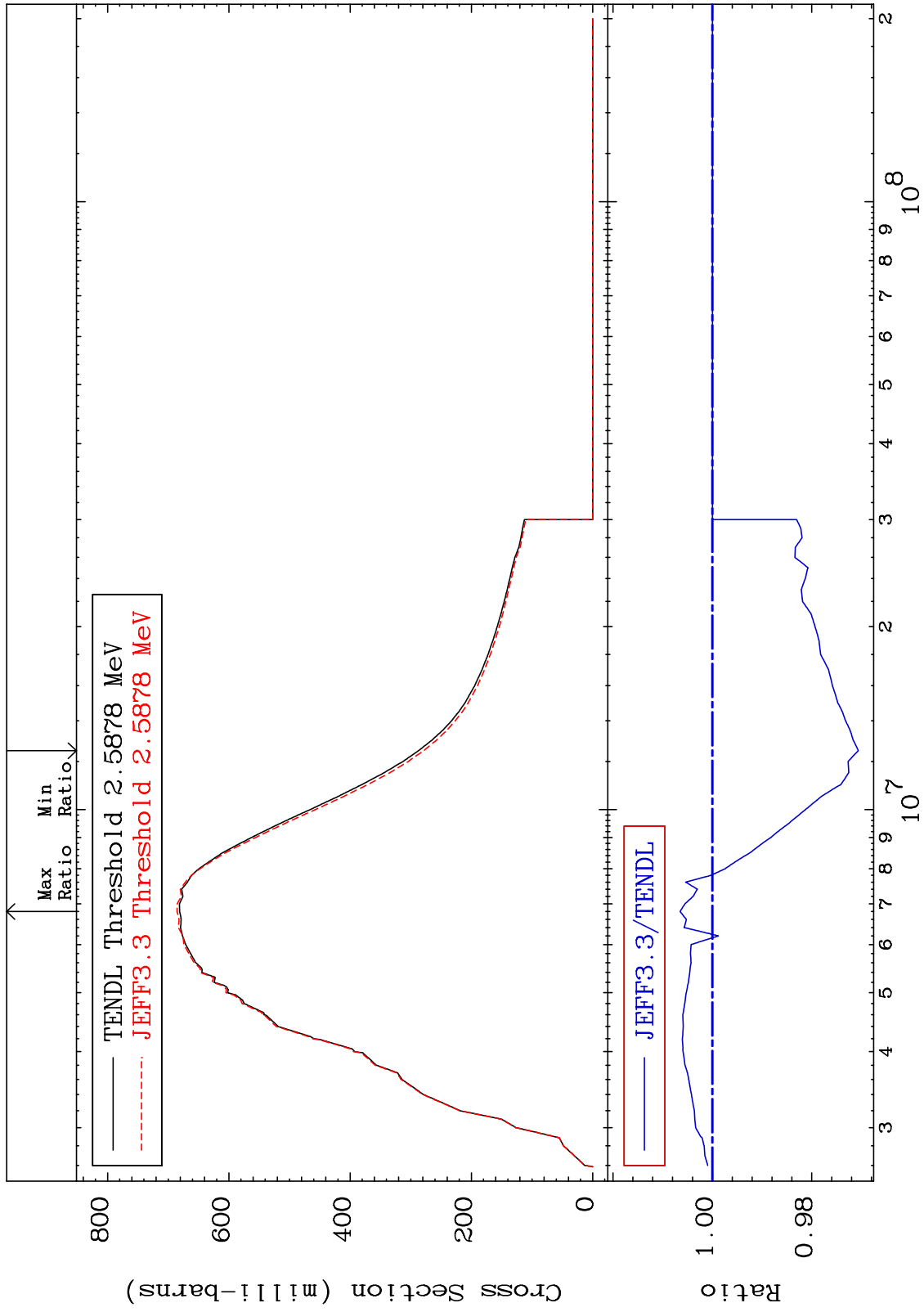
19-K -39

2

MAT 1925

Inelastic
Cross Section

19-K -39
-2.939 To 0.651 %



3

Incident Energy (eV)

19-K -39

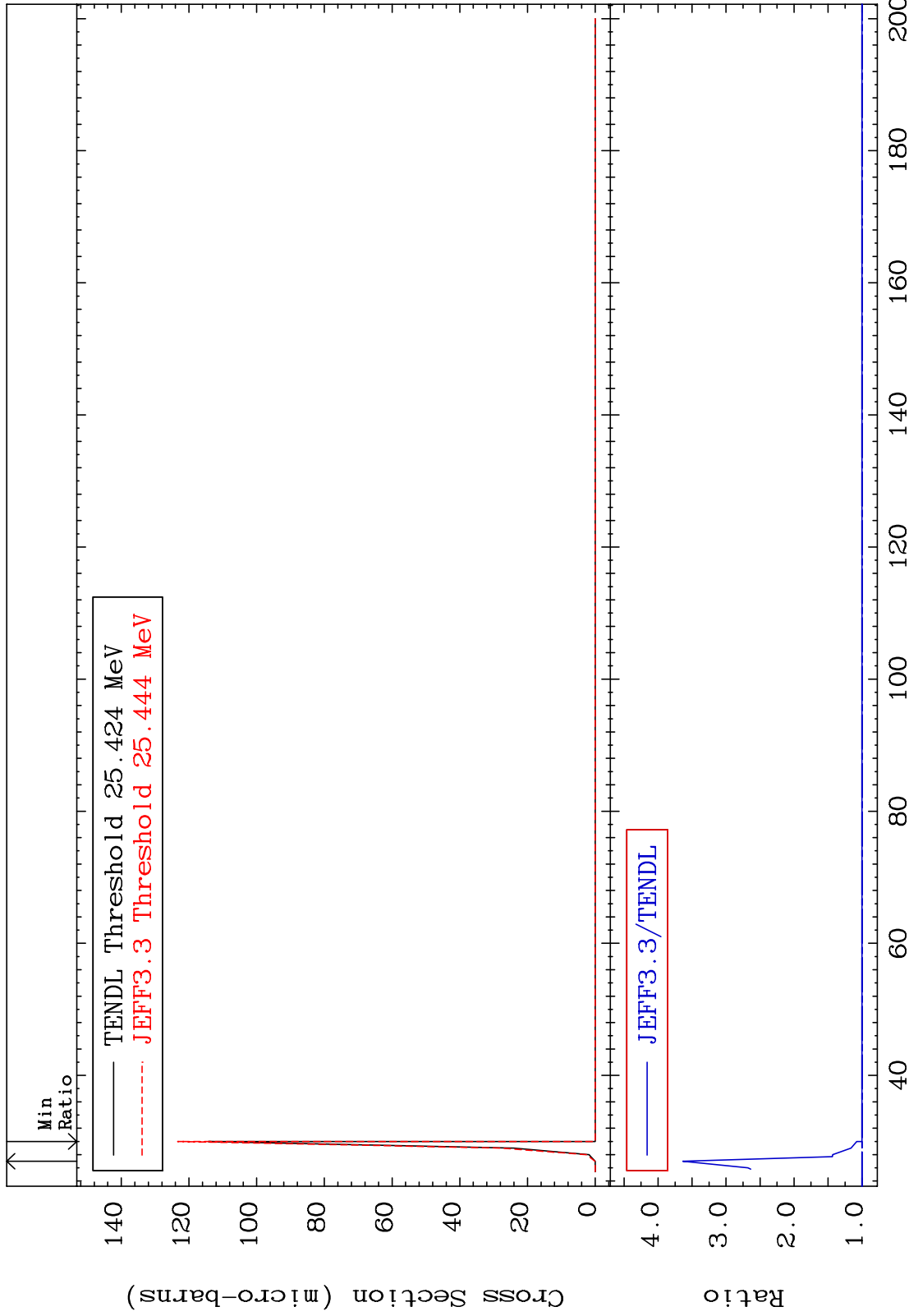
MAT 1925

(n,2n) d

19-K -39

Cross Section

0.000 To 263.5 %



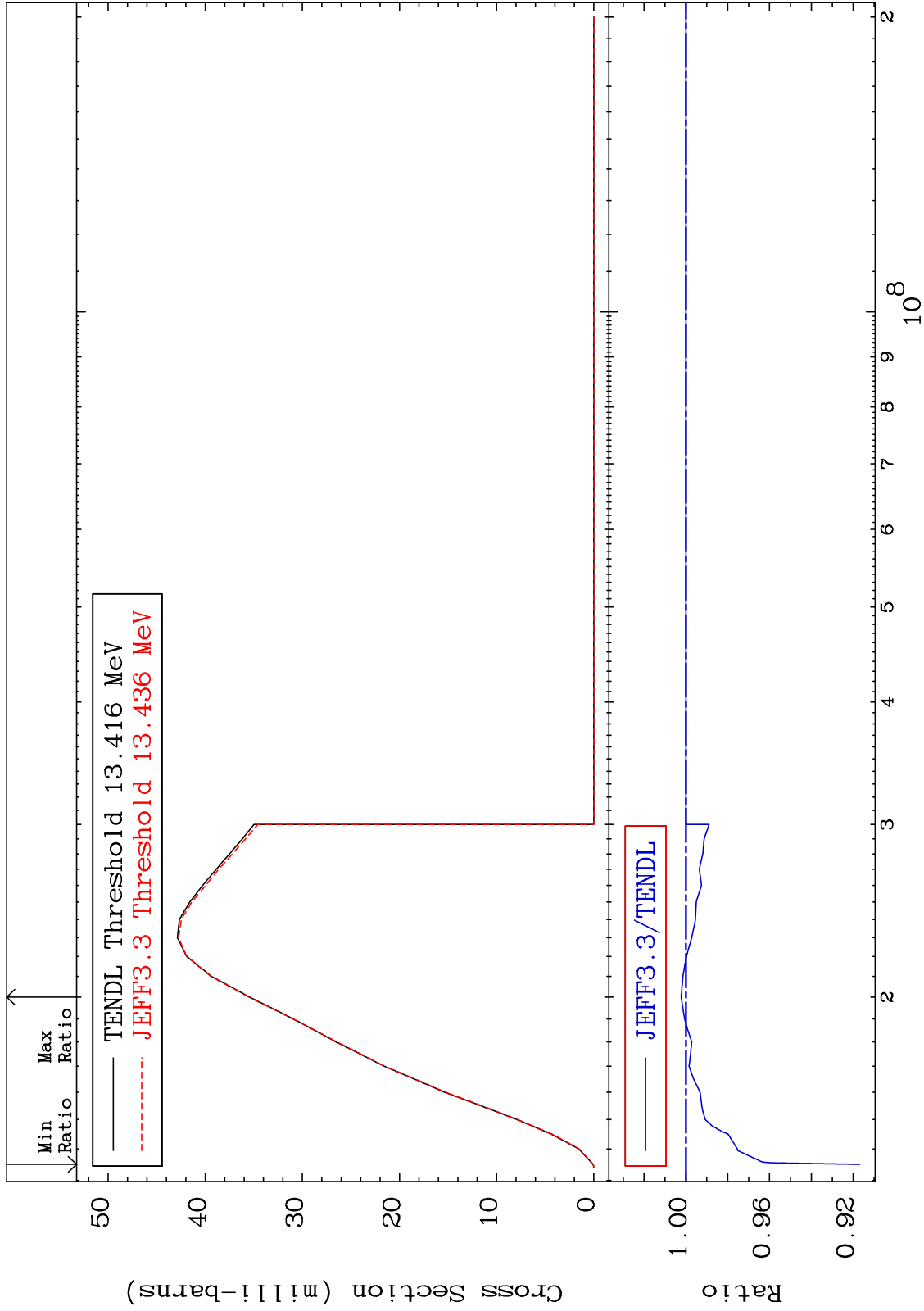
MAT 1925

(n,2n)

19-K -39

Cross Section

-8.324 To 0.223 %



5

Incident Energy (eV)

19-K -39

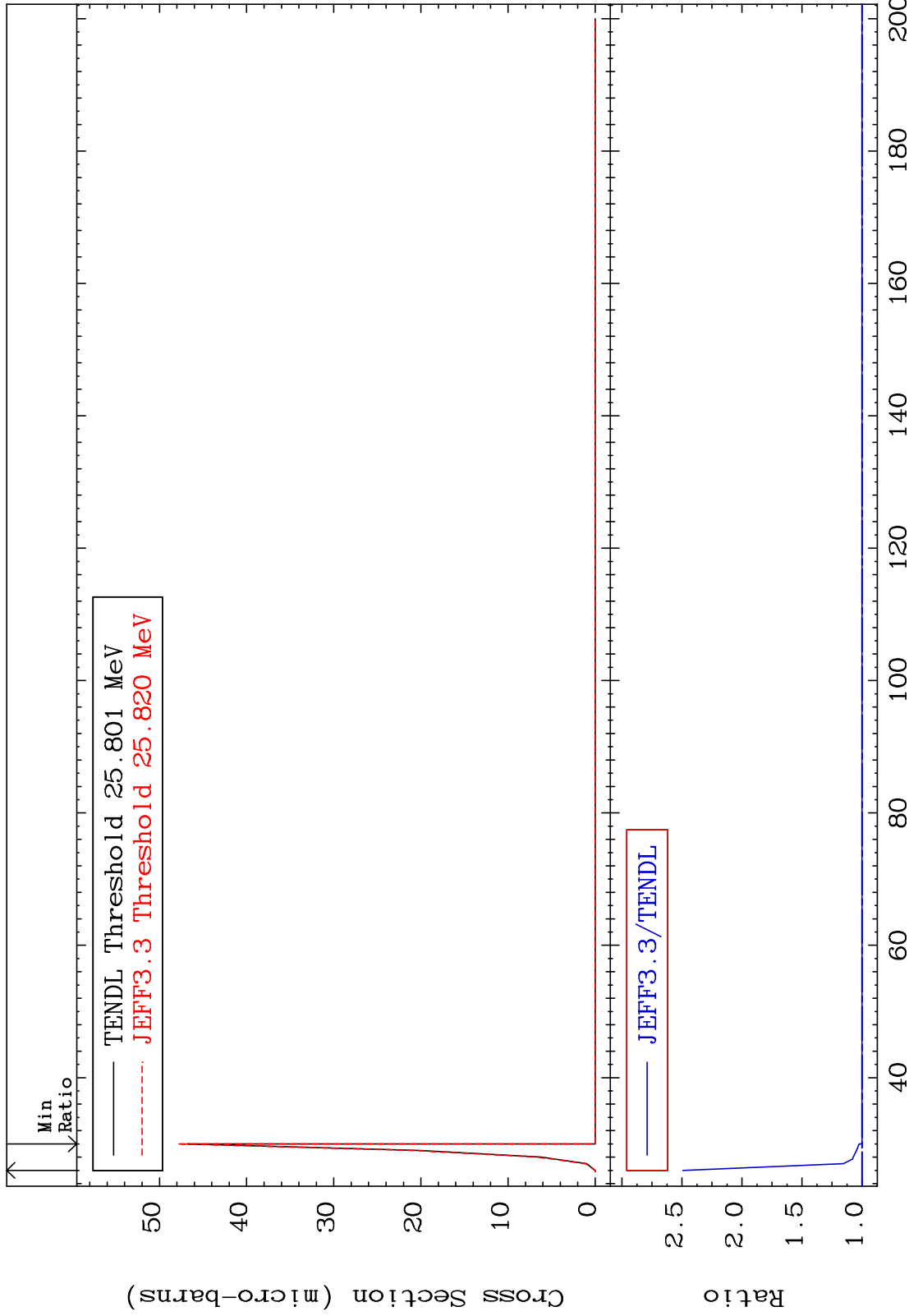
MAT 1925

(n,3n)

19-K -39

Cross Section

0.000 To 149.2 %



6

Incident Energy (MeV)

19-K -39

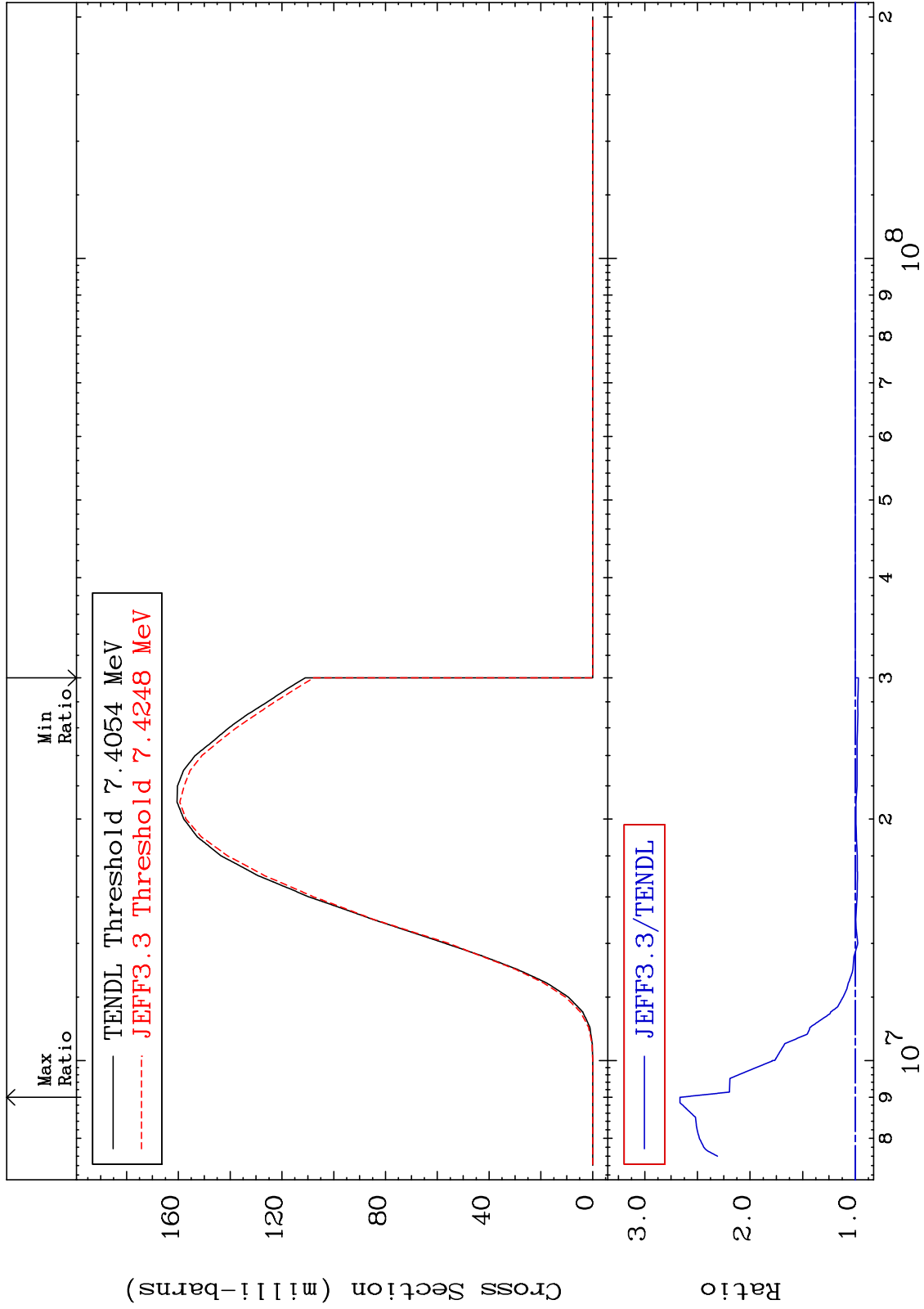
MAT 1925

(n,n') α

19-K -39

Cross Section

-2.932 To 166.5 %



7

Incident Energy (eV)

19-K -39

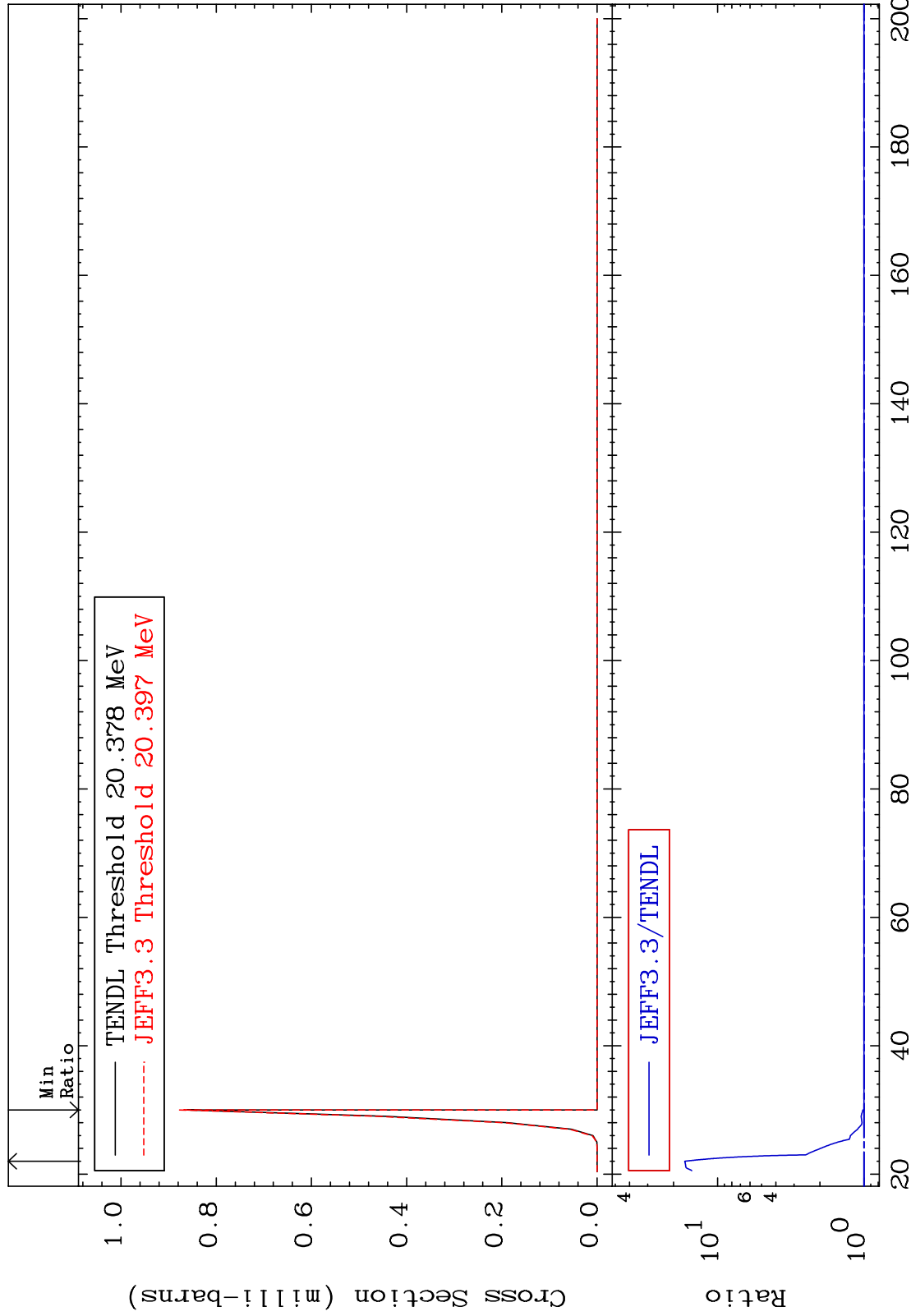
MAT 1925

(n,2n) α

19-K -39

Cross Section

0.000 To 1575. %



8

Incident Energy (MeV)

19-K -39

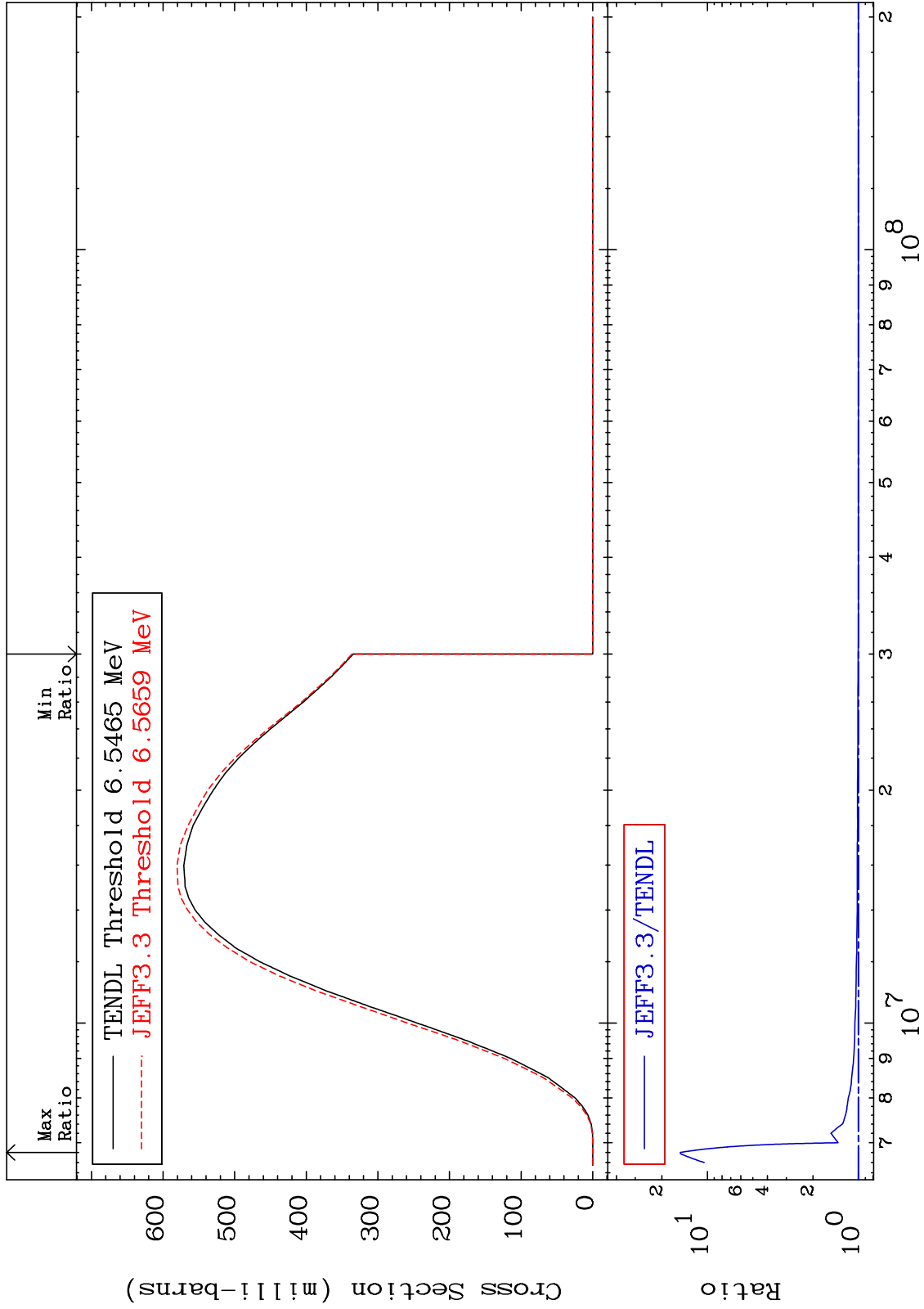
MAT 1925

(n,n') p

19-K -39

Cross Section

0.000 To 1416. %



9

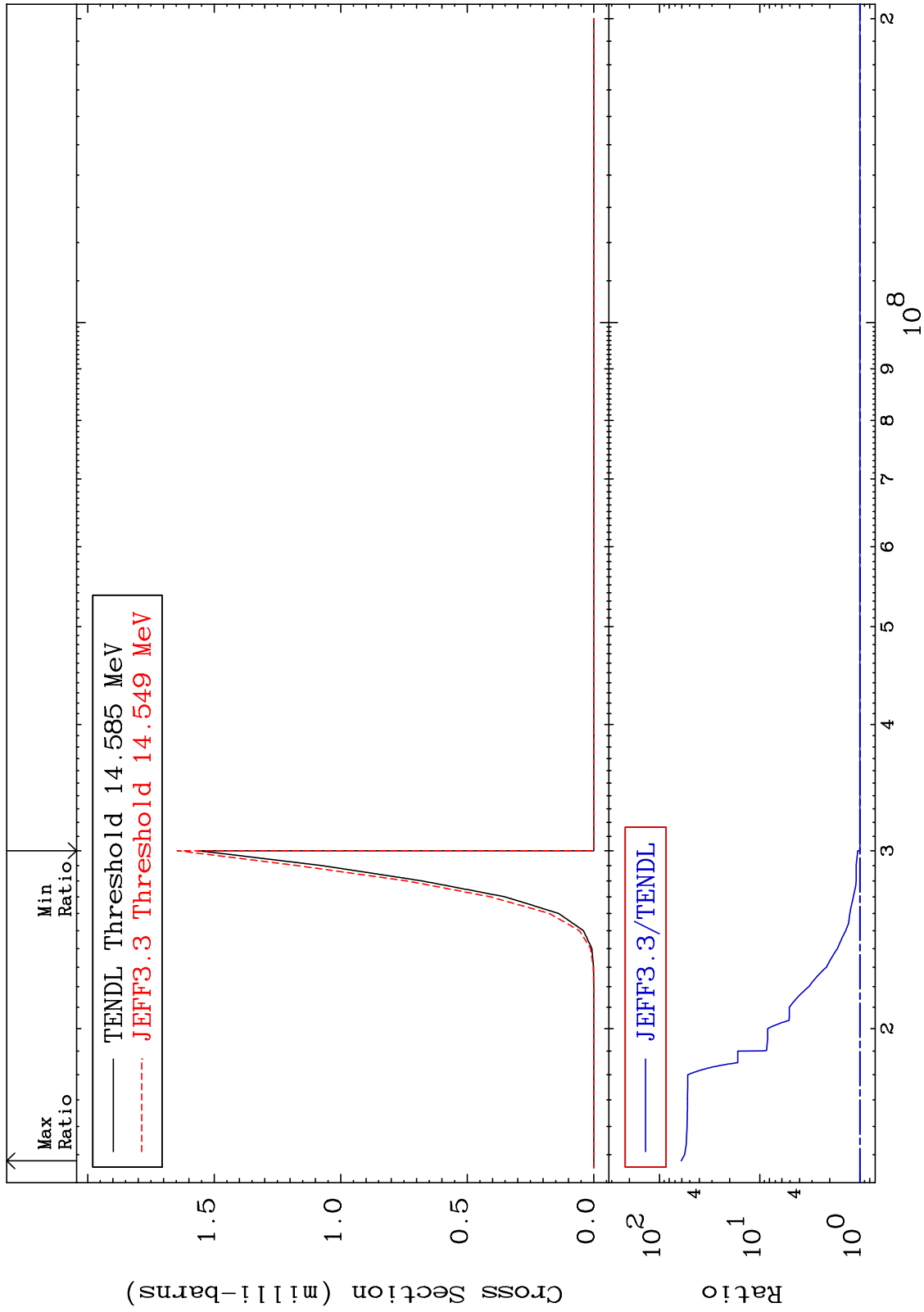
Incident Energy (eV)

19-K -39

MAT 1925

(n,n') 2α
Cross Section

19-K -39
0.000 To 5973. %



10

Incident Energy (eV)

19-K -39

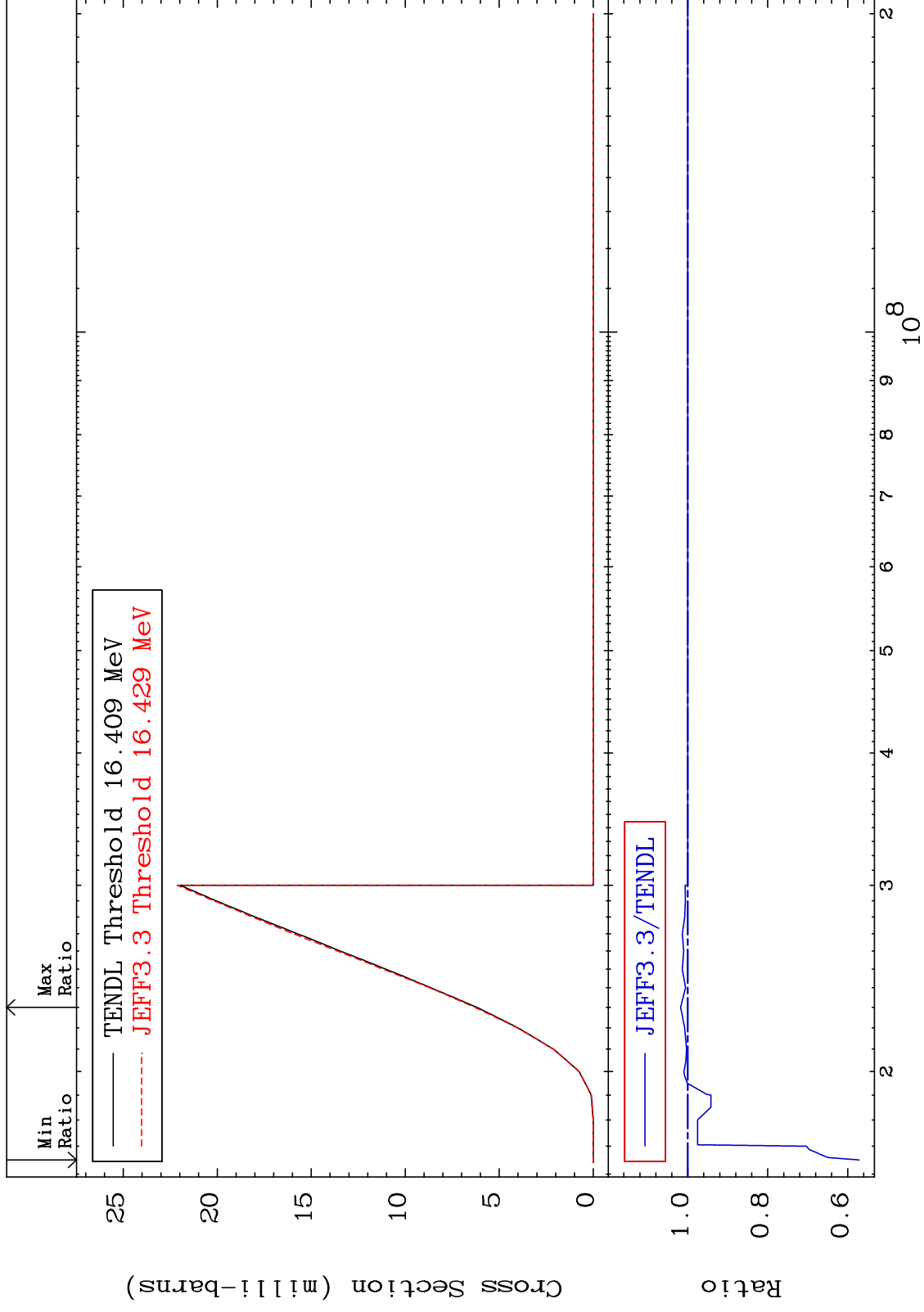
MAT 1925

(n,n') d

19-K -39

Cross Section

-42.88 To 1.798 %



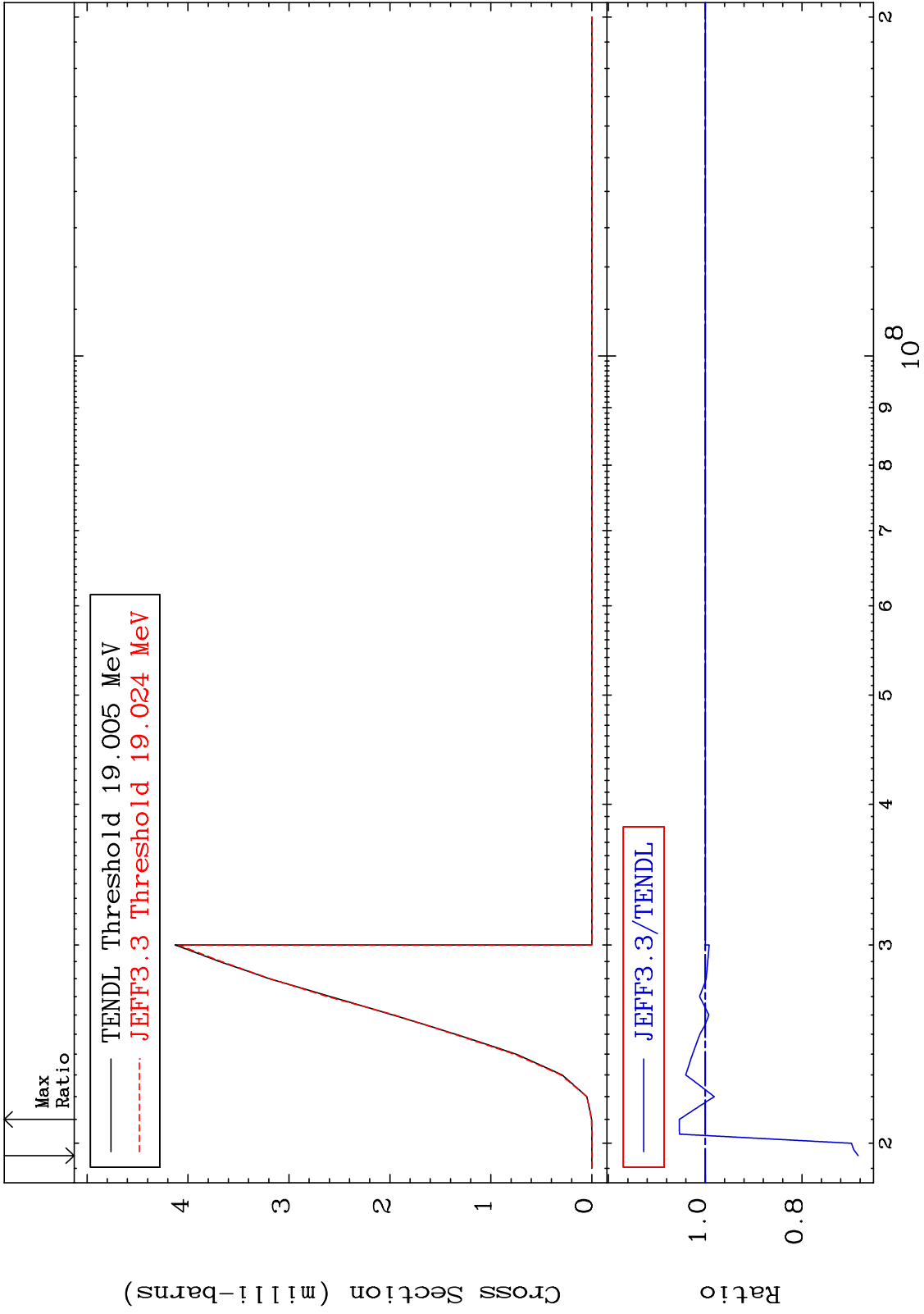
MAT 1925

(n,n') t

19-K -39

Cross Section

-31.62 To 5.344 %



12

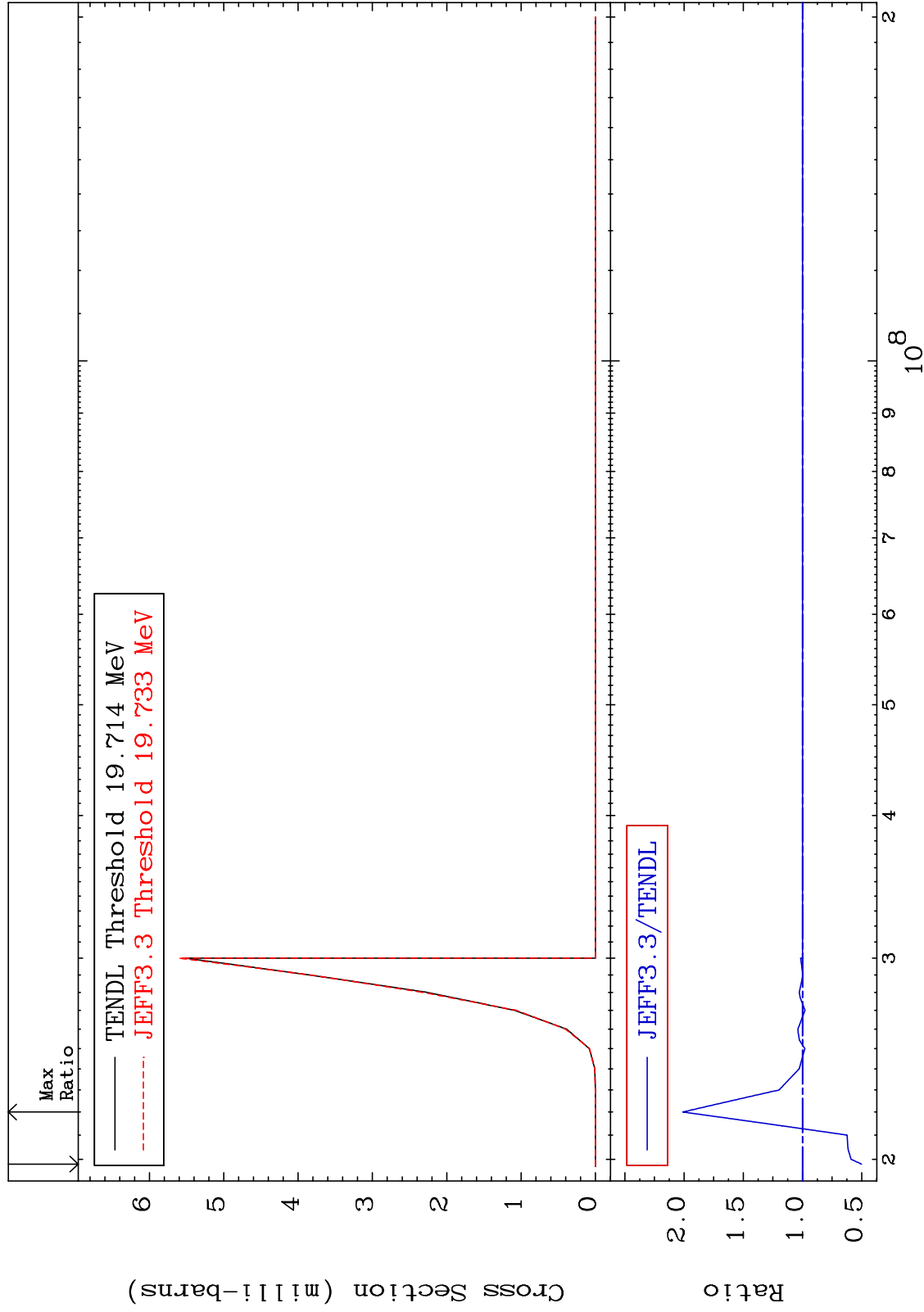
Incident Energy (eV)

19-K -39

MAT 1925

(n, n') He-3
Cross Section

19-K -39
-49.89 To 101.0 %



13

Incident Energy (eV)

19-K -39

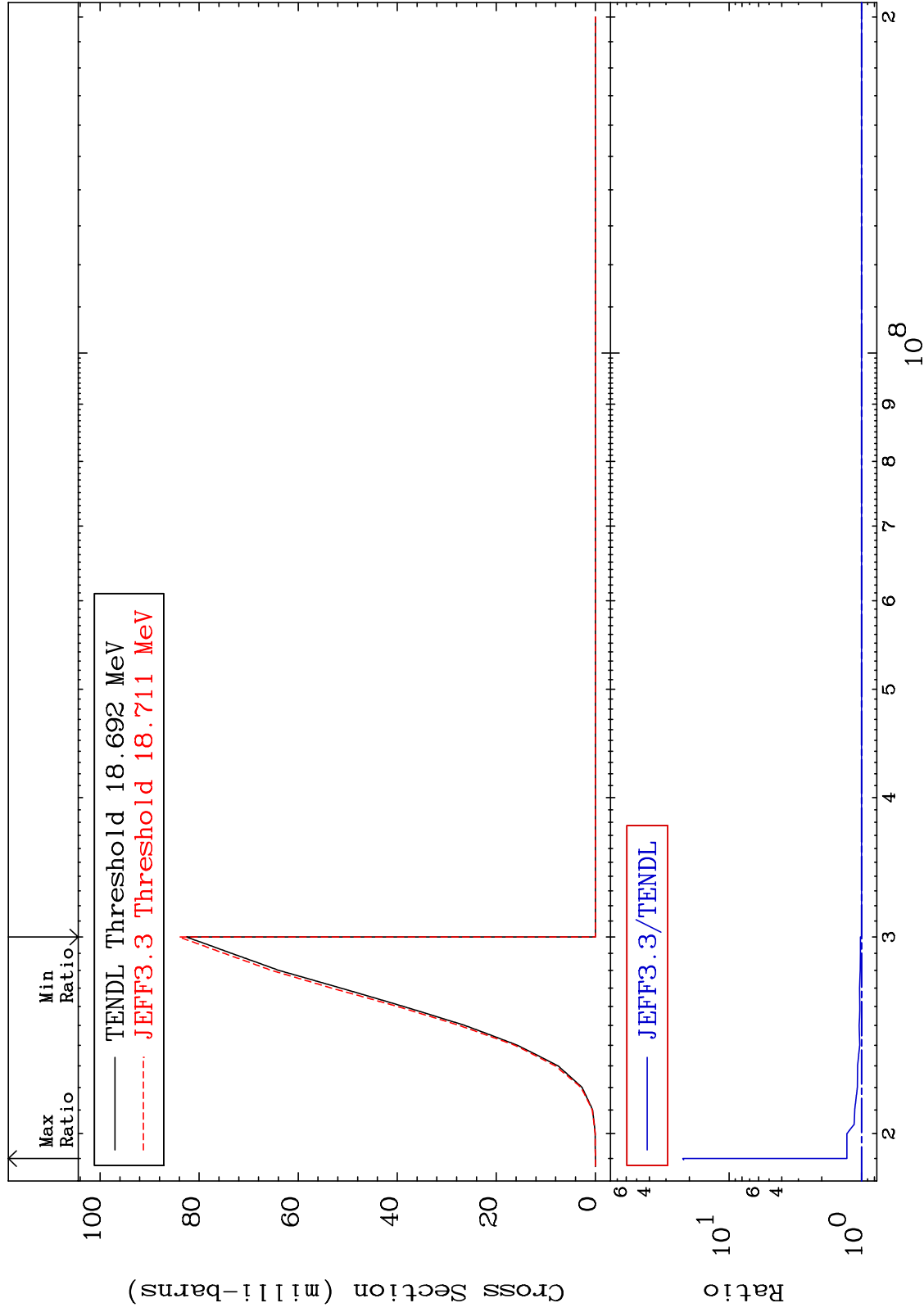
MAT 1925

(n,2n) p

19-K -39

Cross Section

0.000 To 2137. %

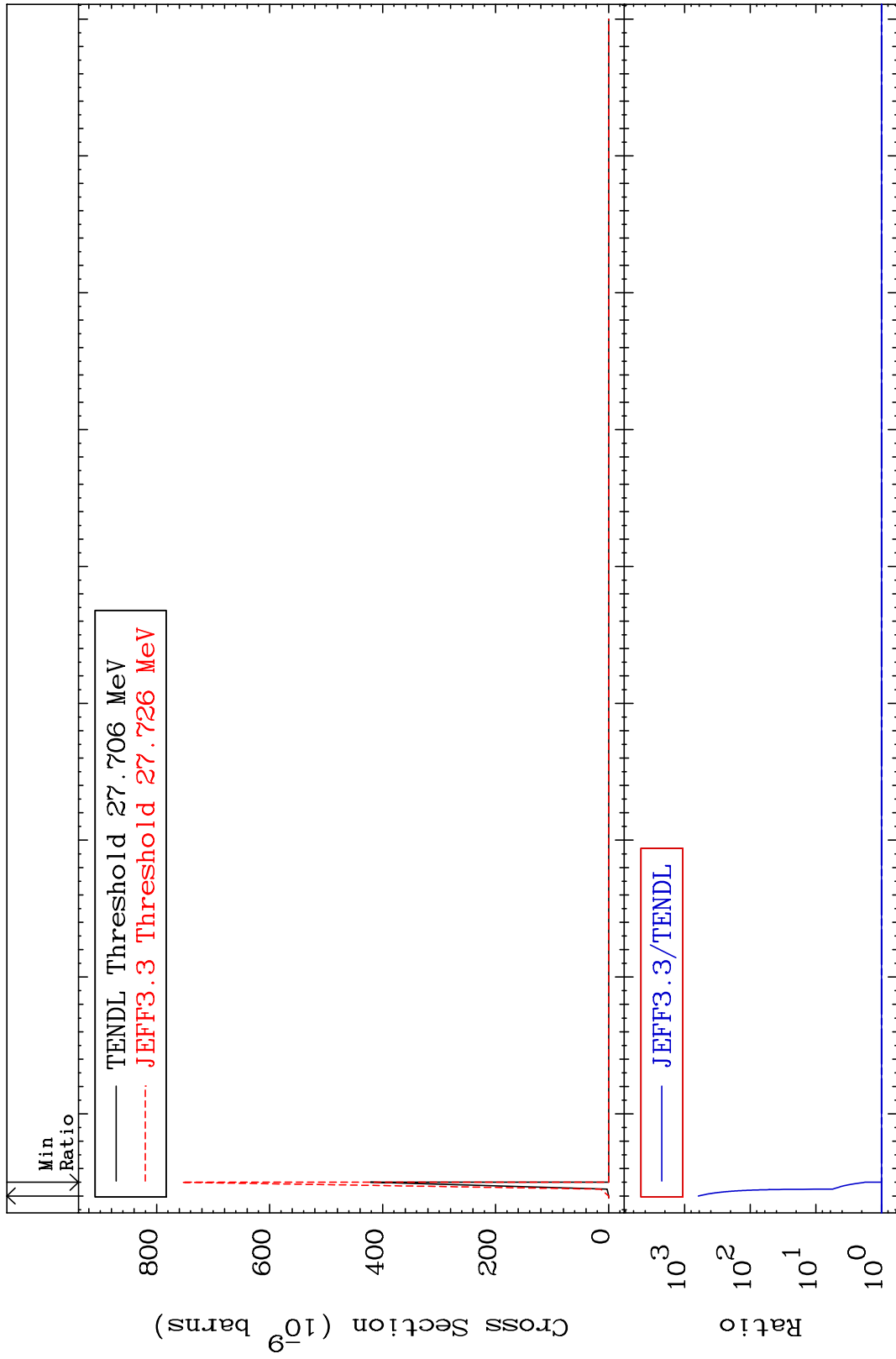


MAT 1925

(n,3n) p
Cross Section

0.000 To 9999. %

19-K -39



15

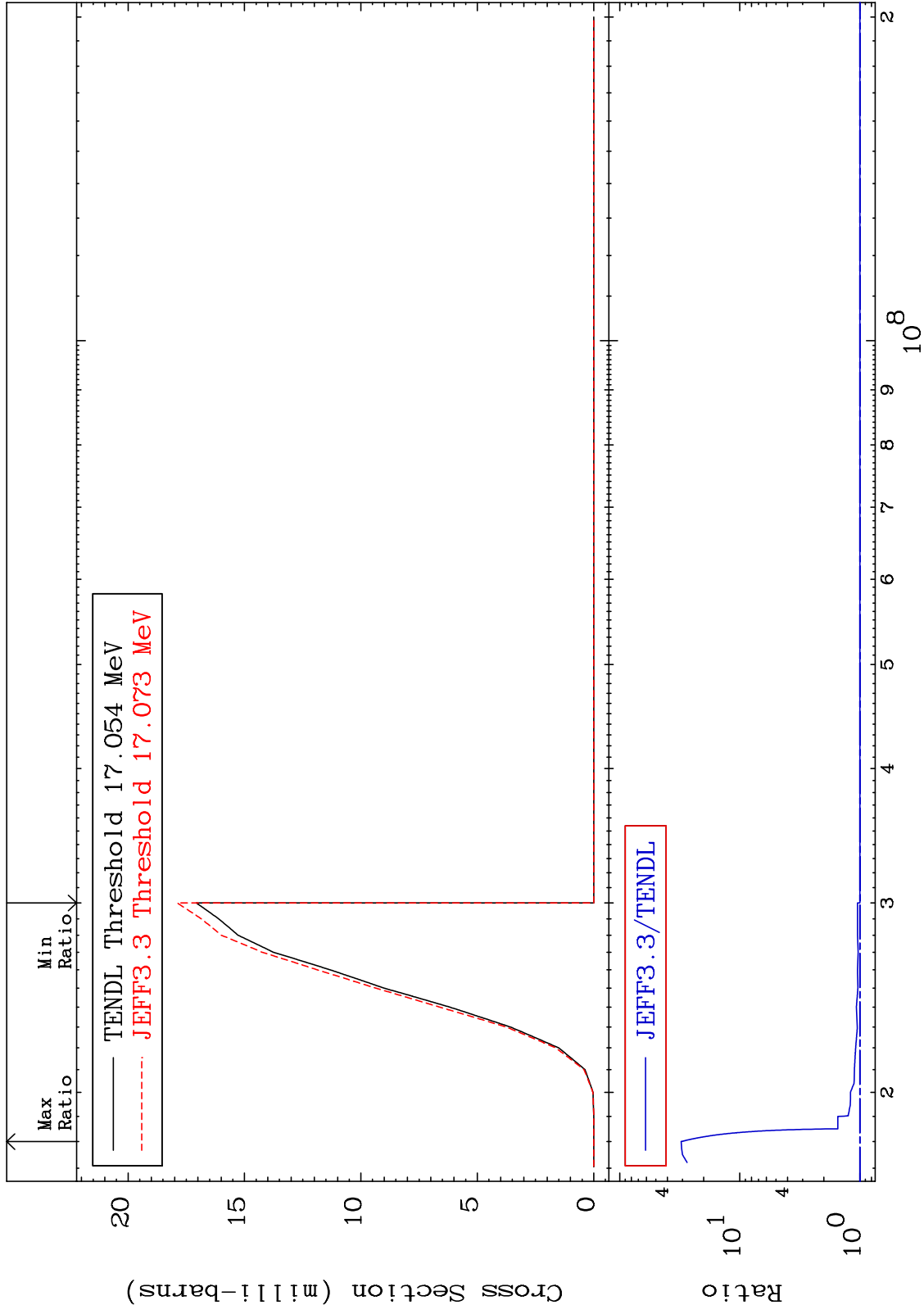
Incident Energy (MeV)

19-K -39

MAT 1925

(n,2n) p
Cross Section

19-K -39
0.000 To 2974. %



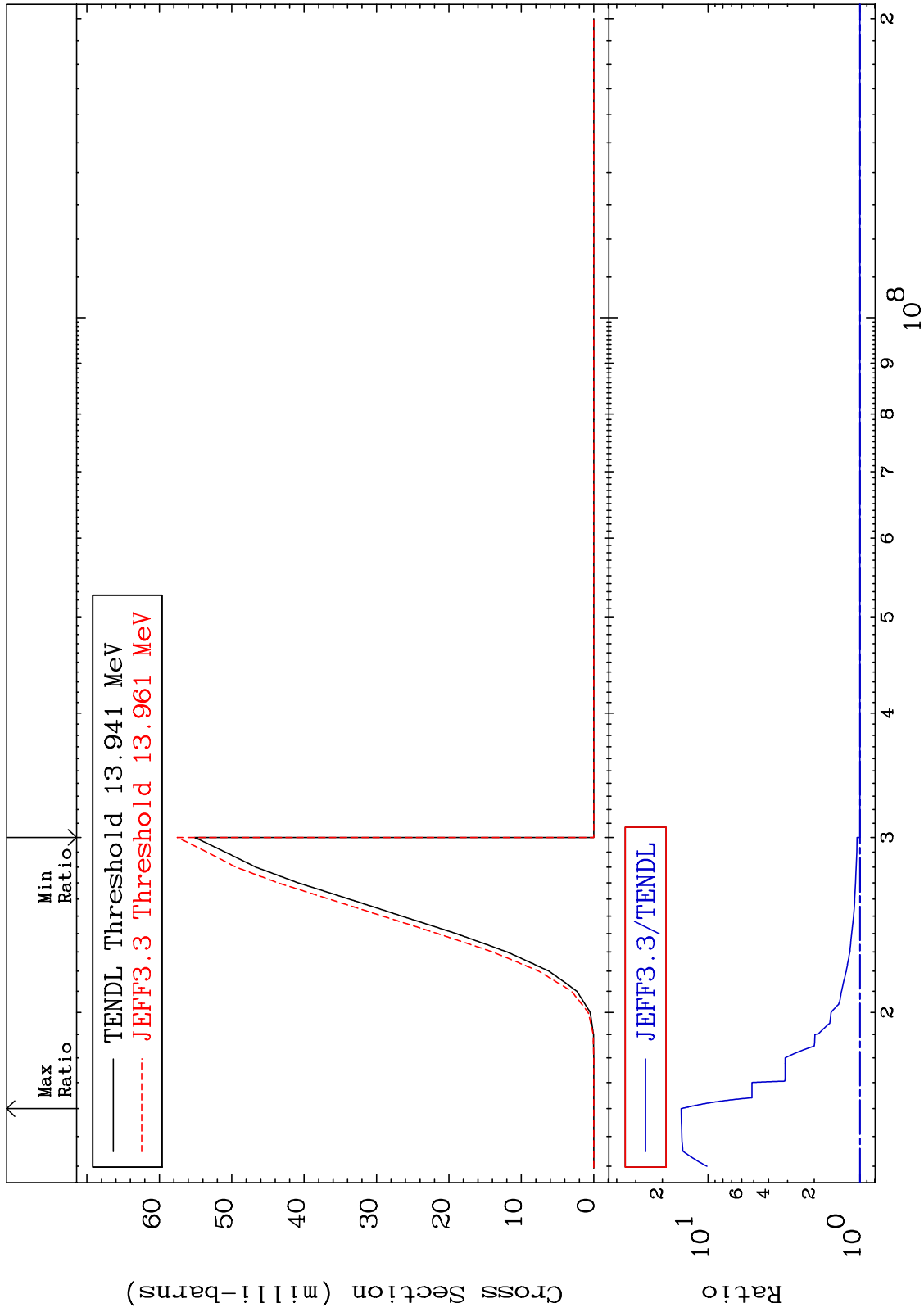
16

19-K -39

MAT 1925

(n,n') p α
Cross Section

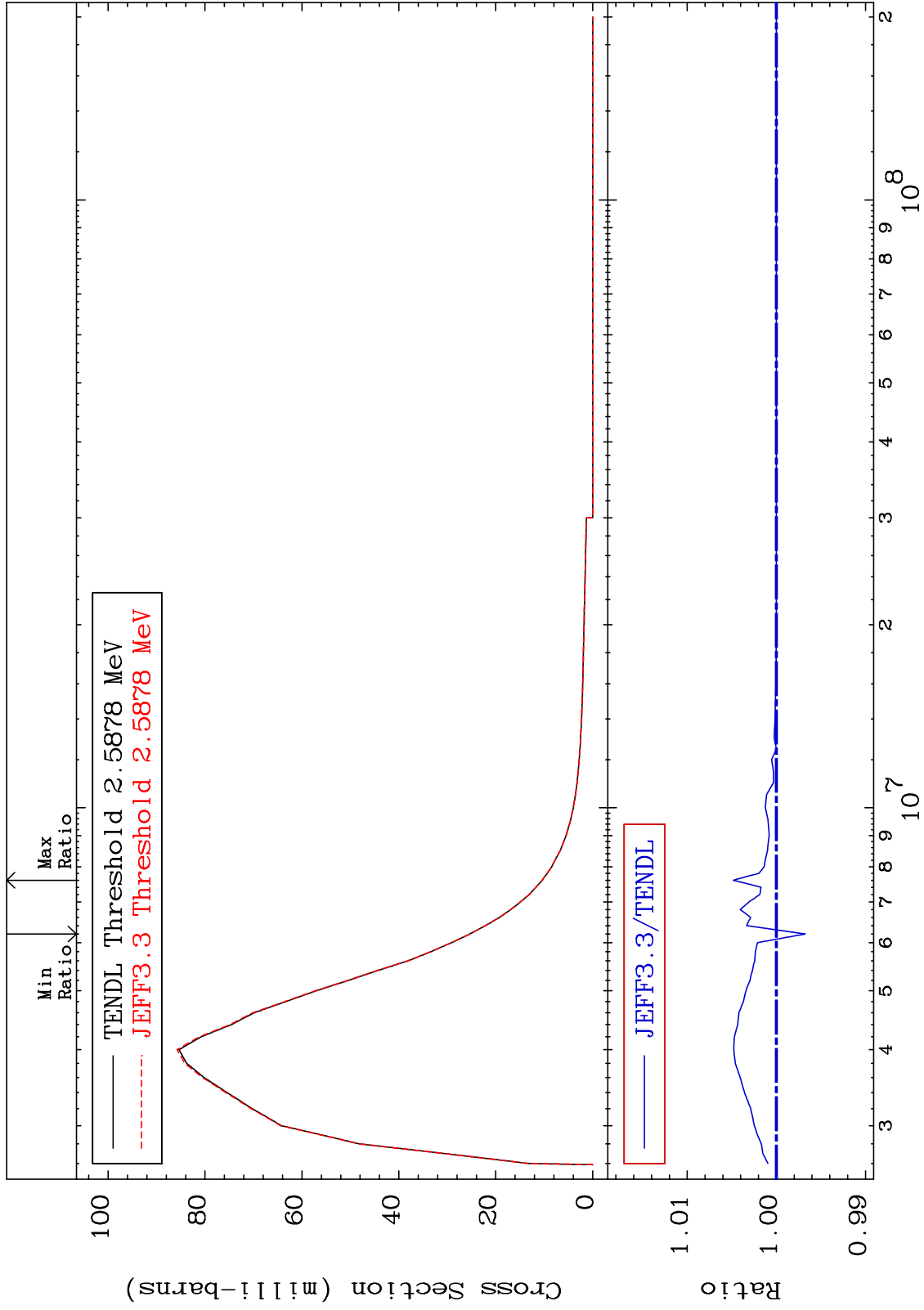
19-K -39
0.000 To 1402. %



MAT 1925

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

19-K -39
-0.323 To 0.482 %



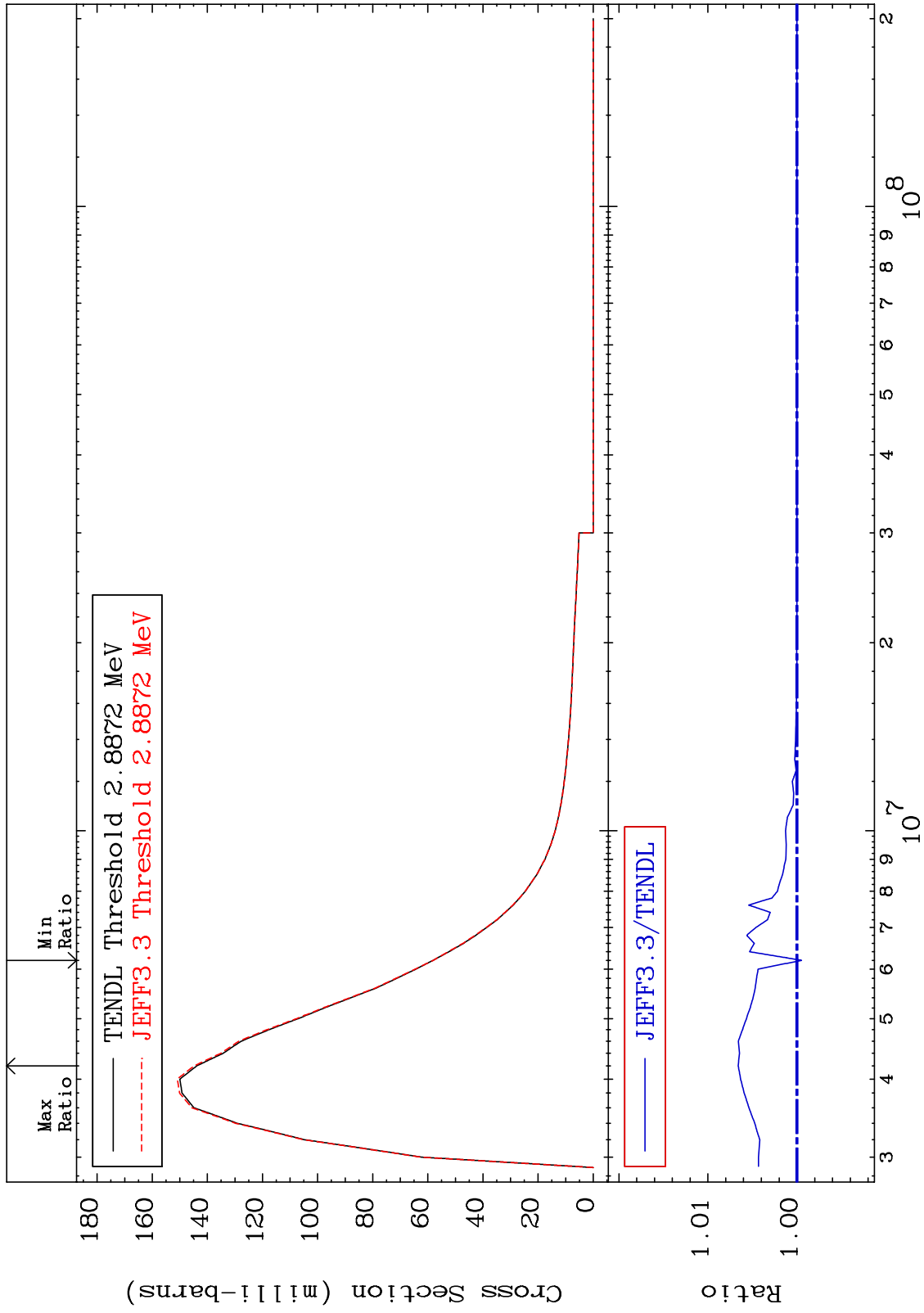
18

19-K -39

MAT 1925

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

19-K -39
-0.052 To 0.660 %



19

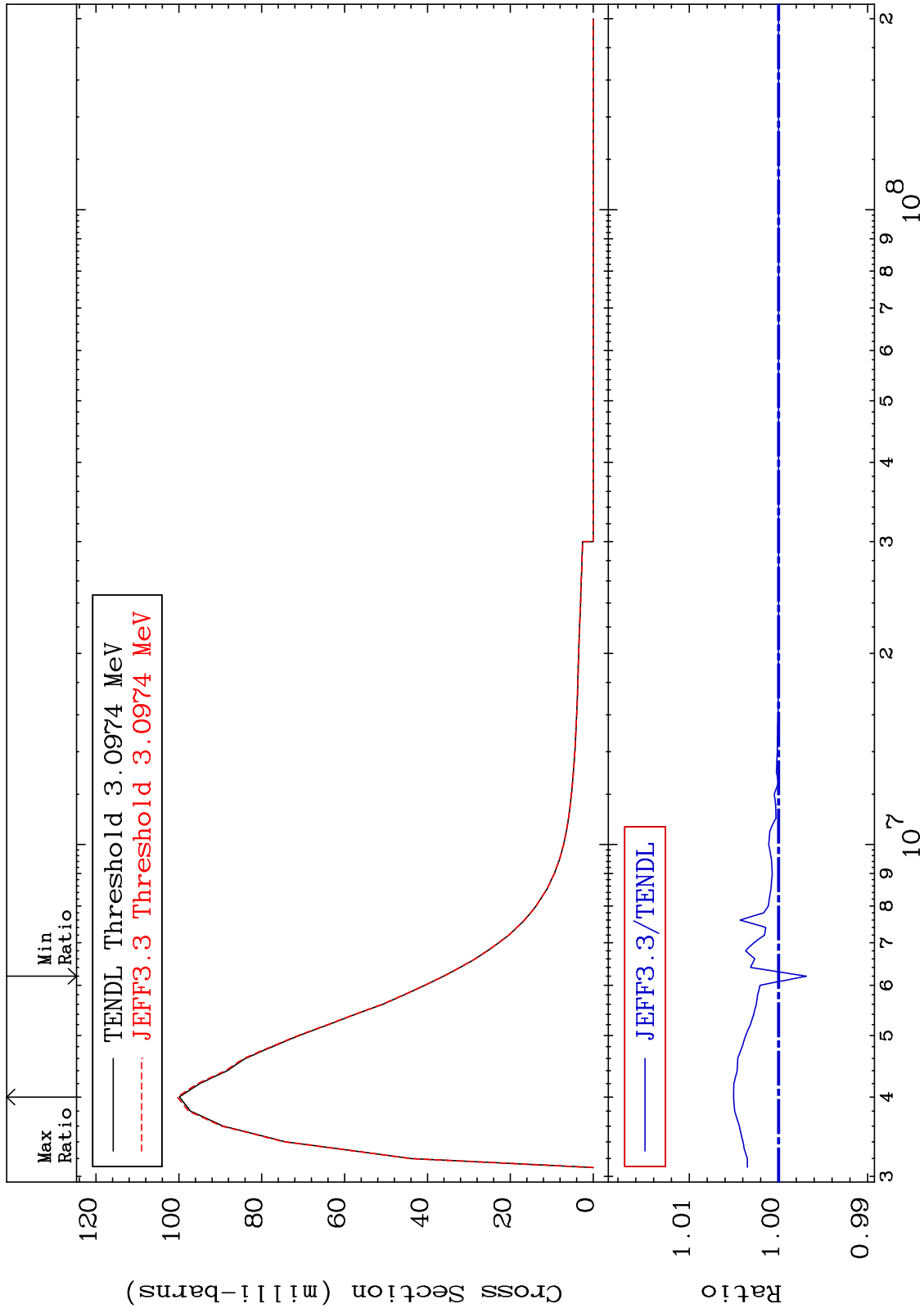
Incident Energy (eV)

19-K -39

MAT 1925

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

19-K -39
-0.311 To 0.504 %

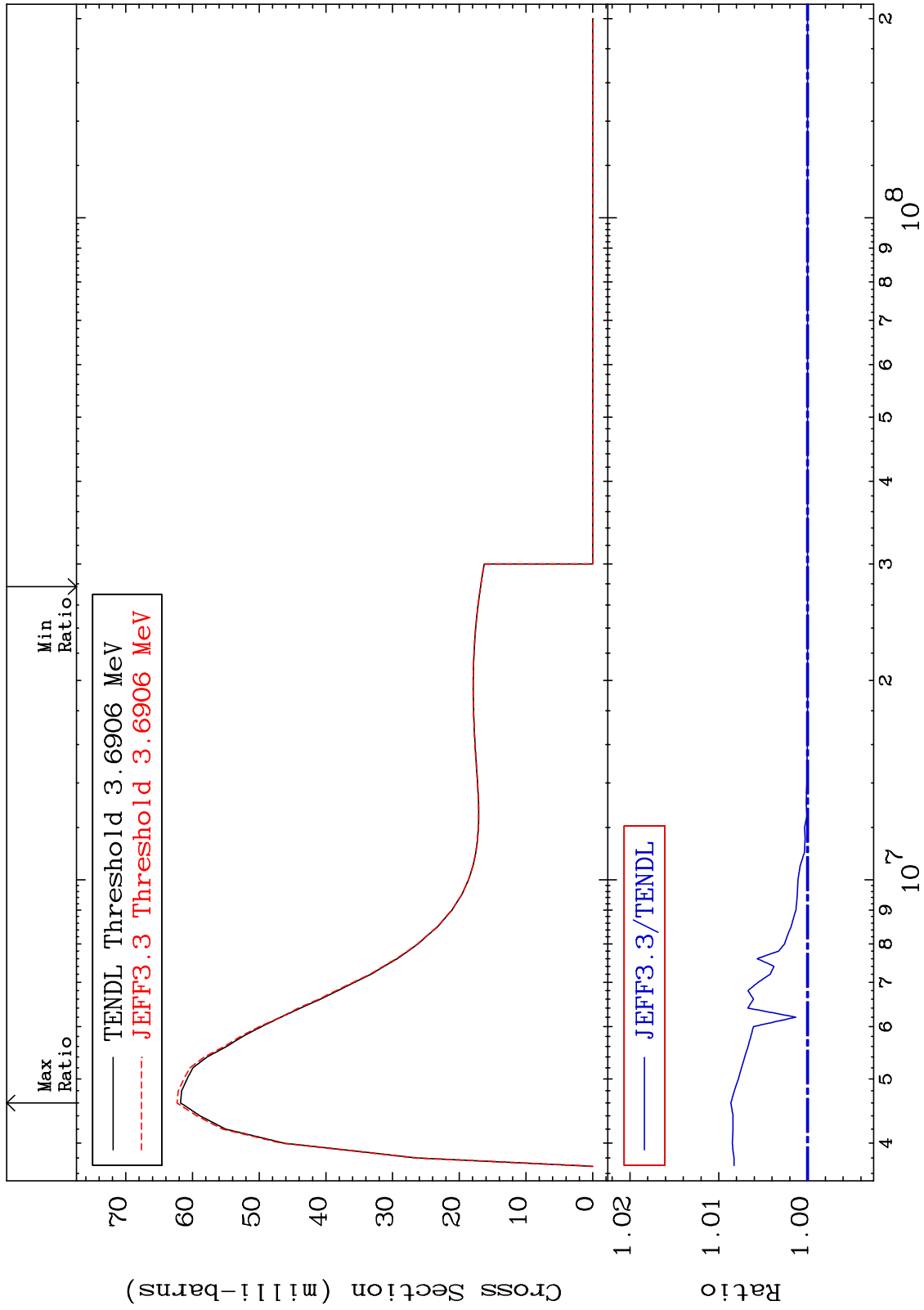


20

Incident Energy (eV)

19-K -39

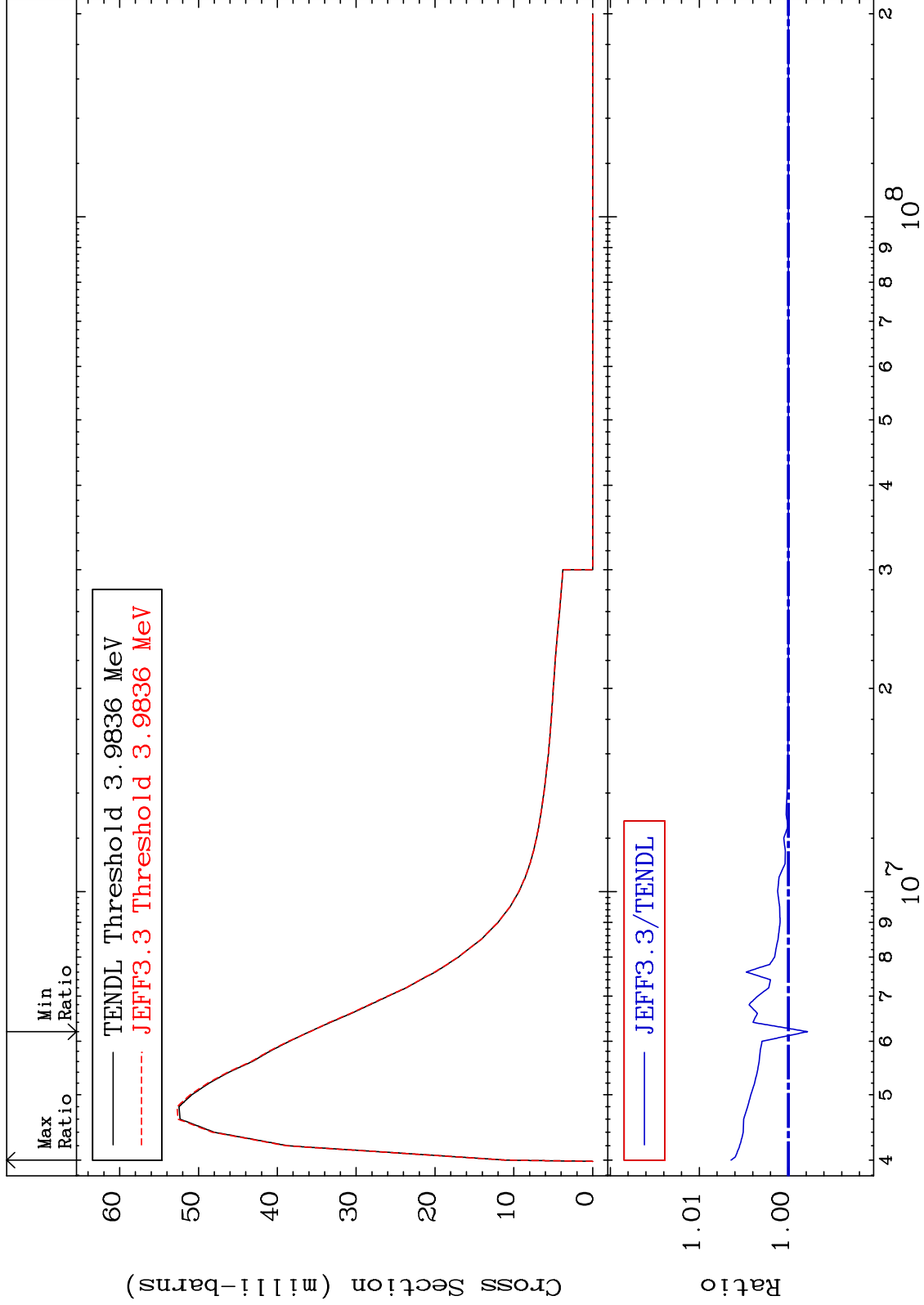
MAT 1925 MT= 54 (n, n') Level Cross Section 19-K -39
 0.000 To 0.864 %



MAT 1925

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

19-K -39
-0.215 To 0.644 %



22

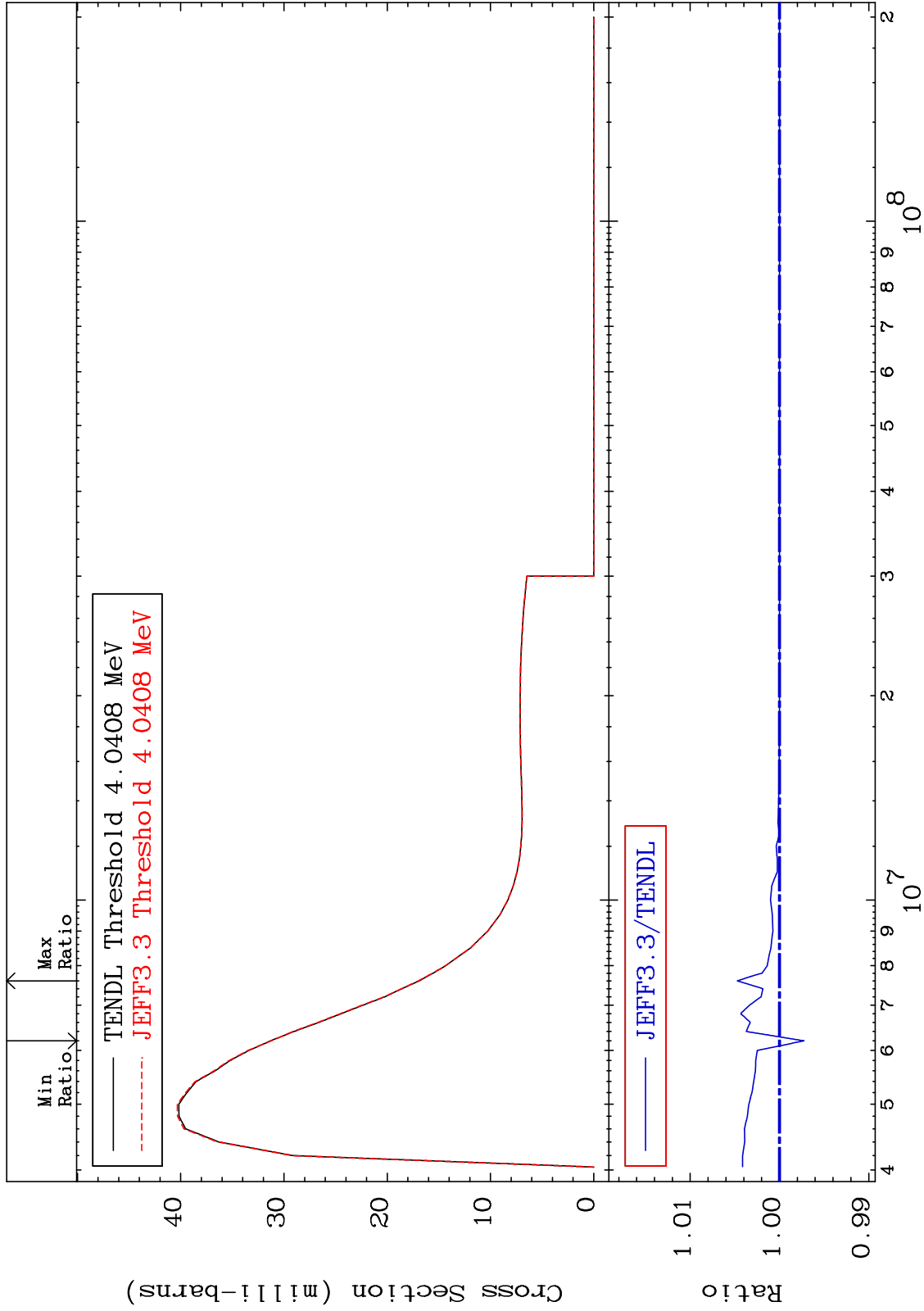
Incident Energy (eV)

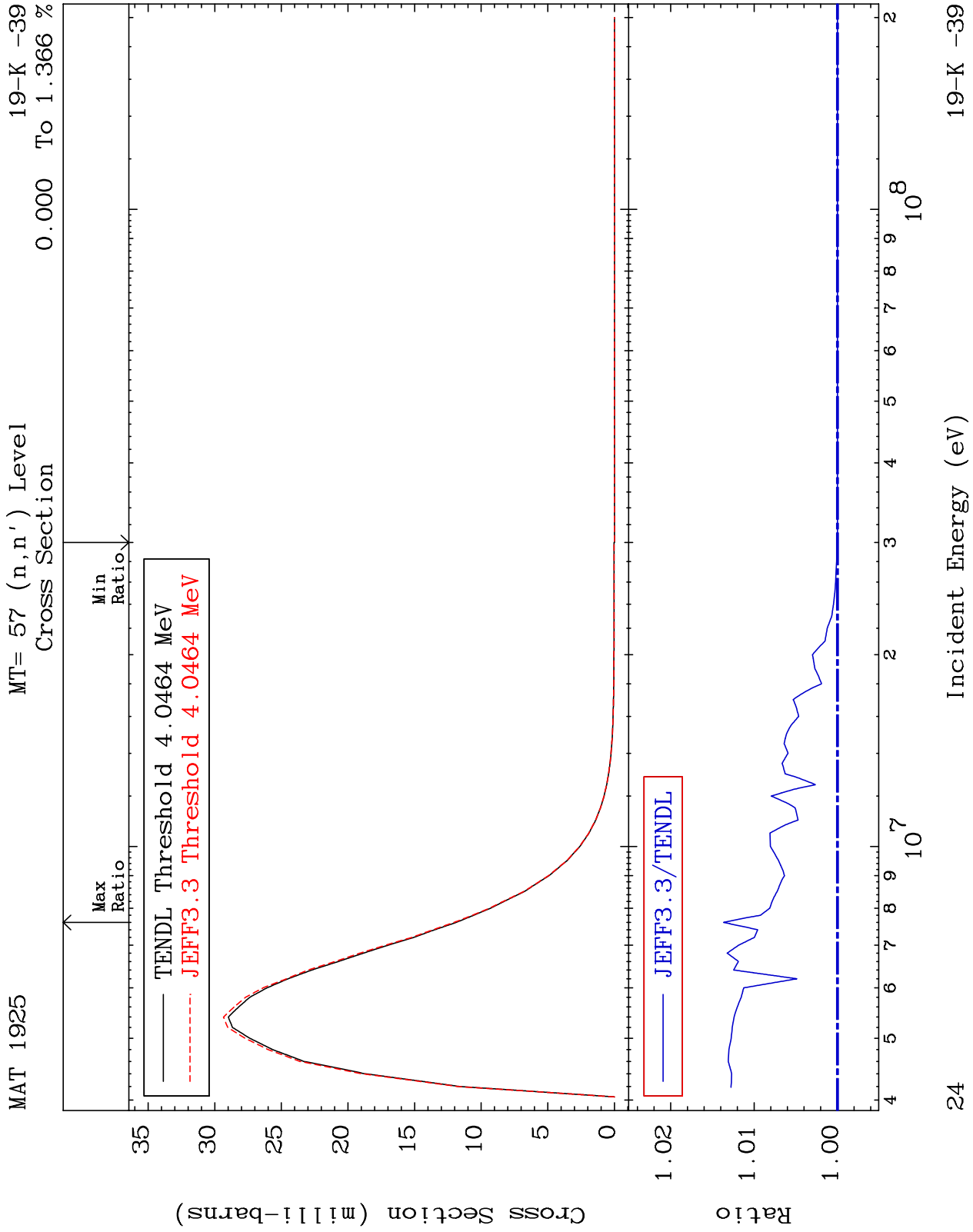
19-K -39

MAT 1925

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

19-K -39
-0.274 To 0.473 %

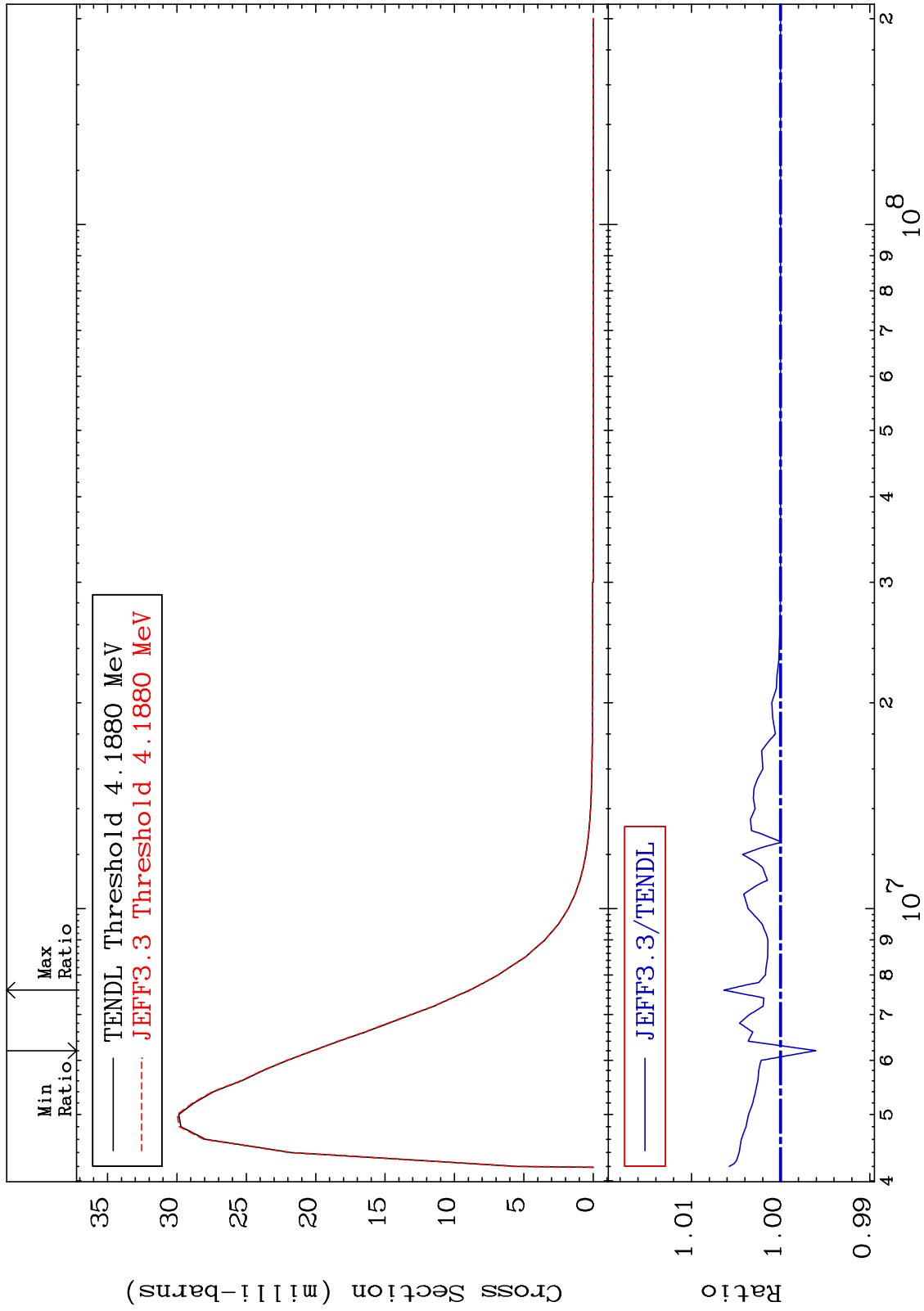




MAT 1925

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

19-K -39
-0.397 To 0.637 %



25

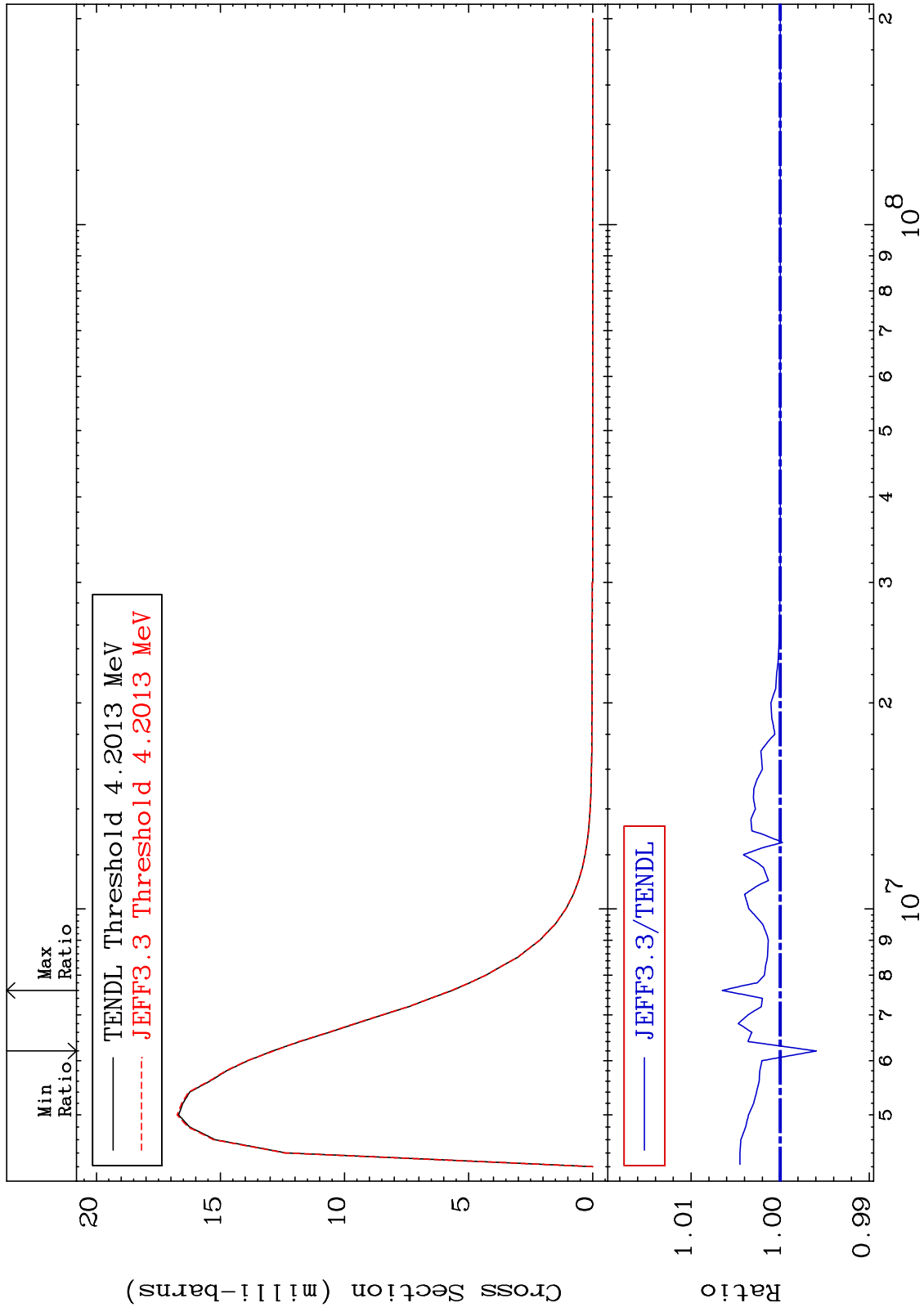
Incident Energy (eV)

19-K -39

MAT 1925

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

19-K -39
-0.405 To 0.651 %



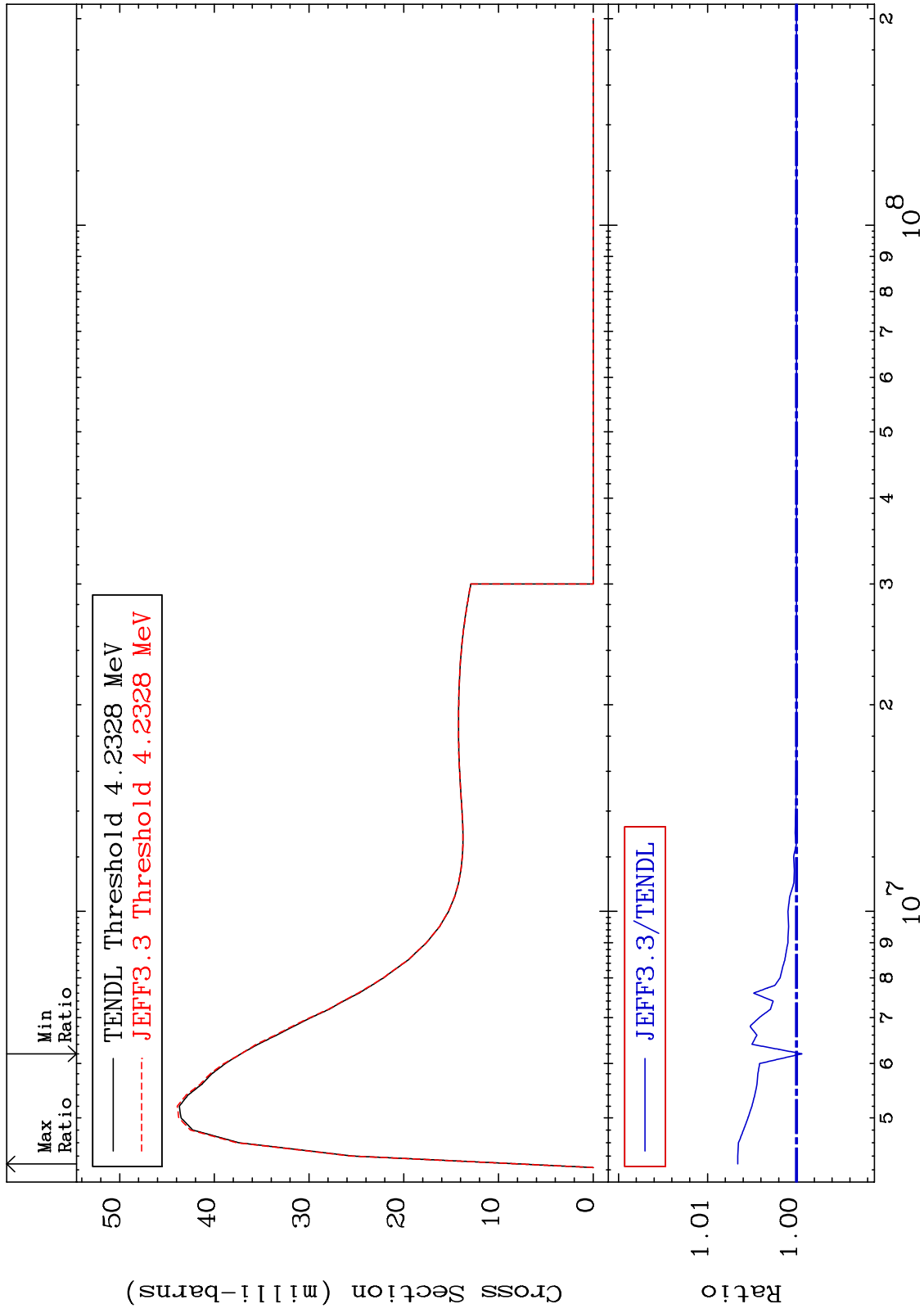
26

19-K -39

MAT 1925

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

19-K -39
-0.062 To 0.660 %



27

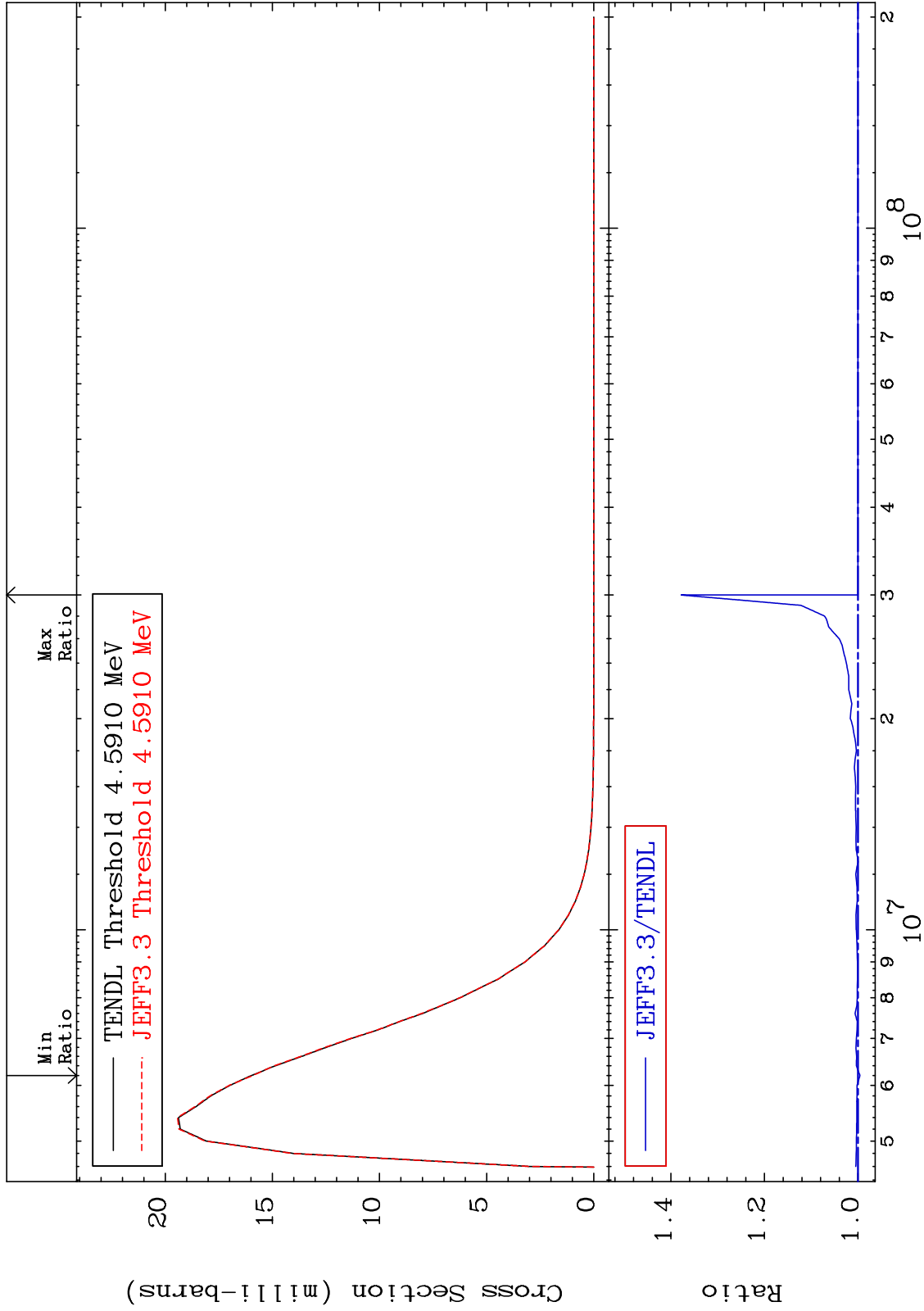
Incident Energy (eV)

19-K -39

MAT 1925

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

19-K -39
-0.407 To 37.81 %



28

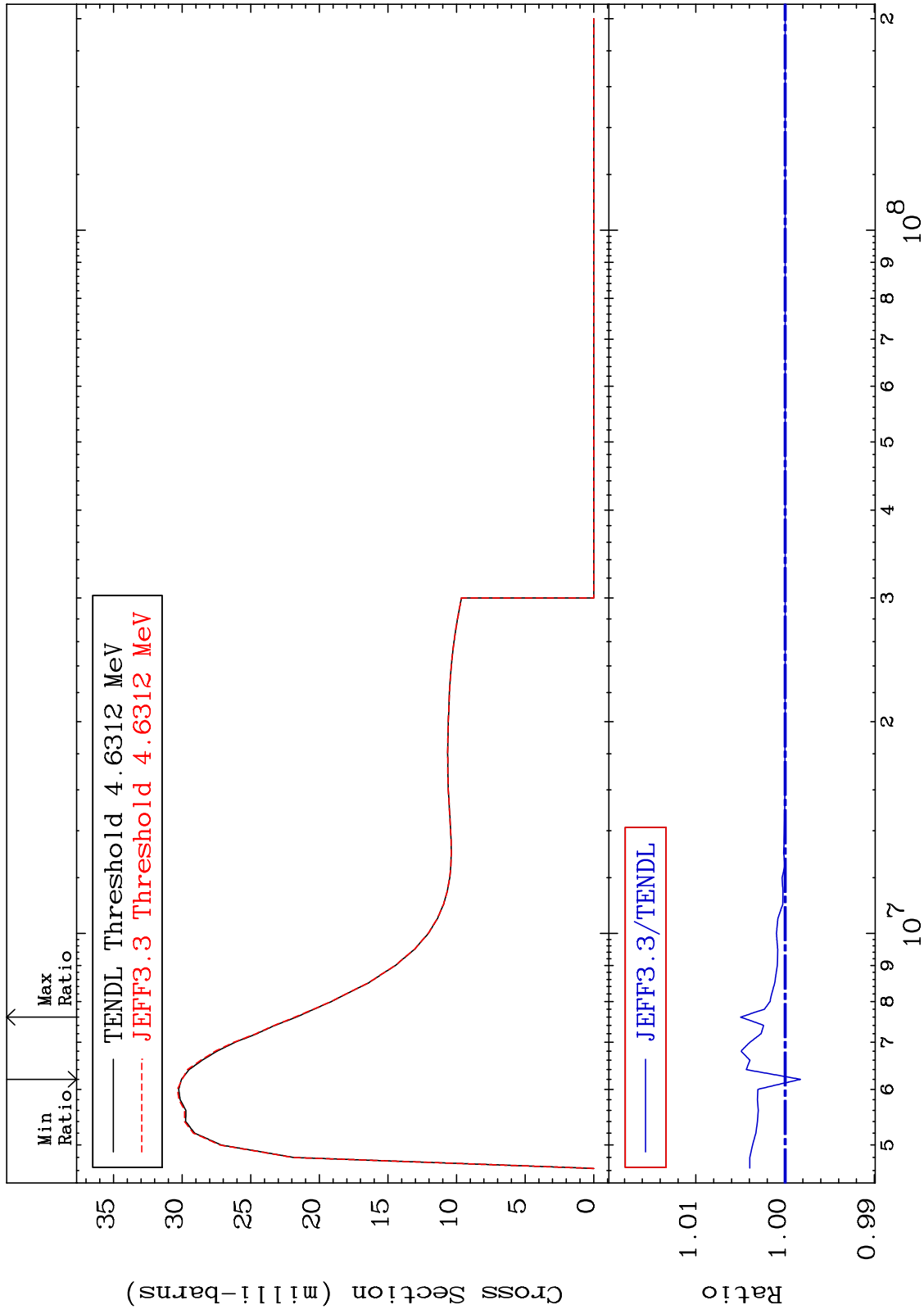
Incident Energy (eV)

19-K -39

MAT 1925

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

19-K -39
-0.172 To 0.498 %



29

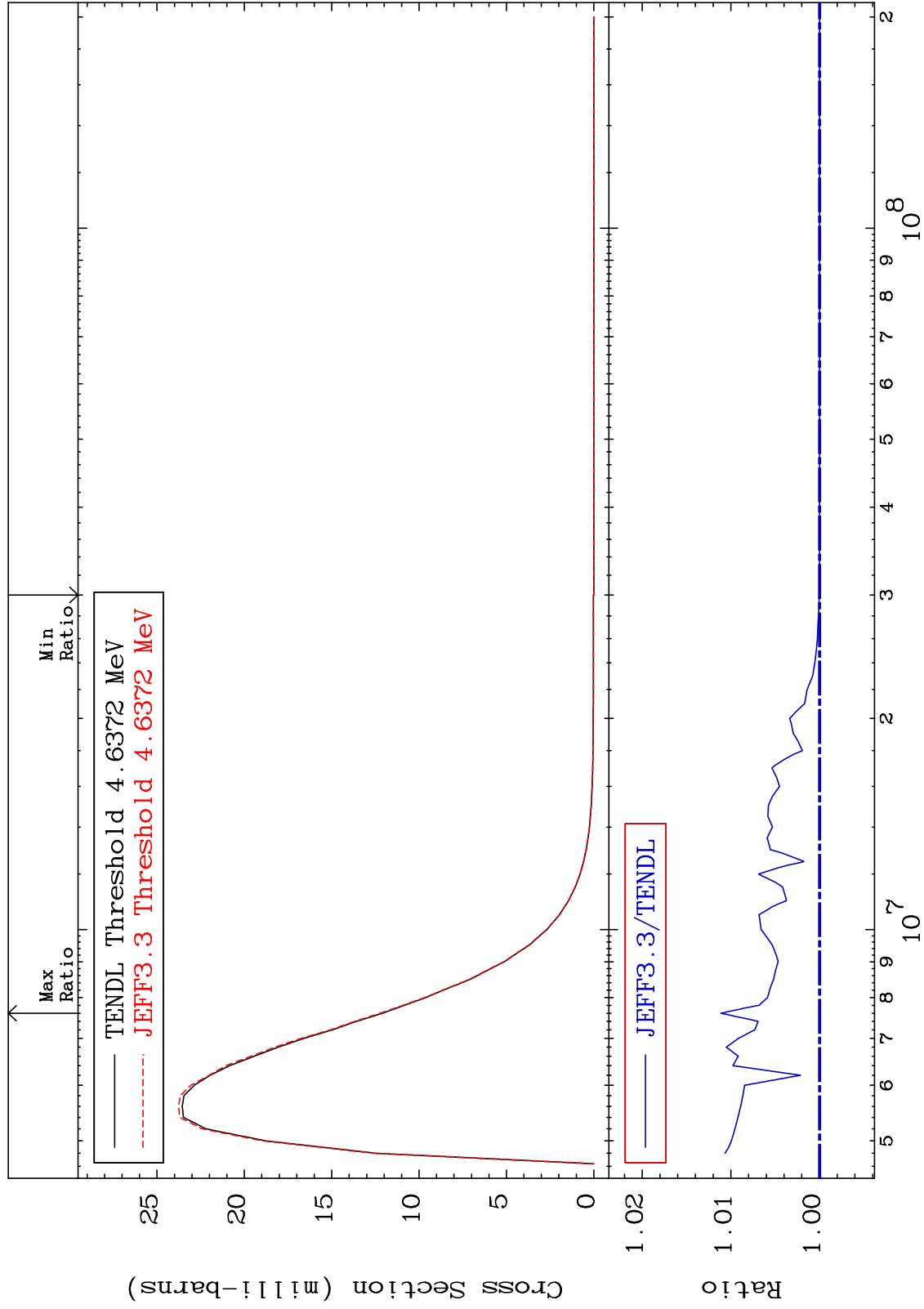
Incident Energy (eV)

19-K -39

MAT 1925

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

0.000 To 1.114 %
19-K -39



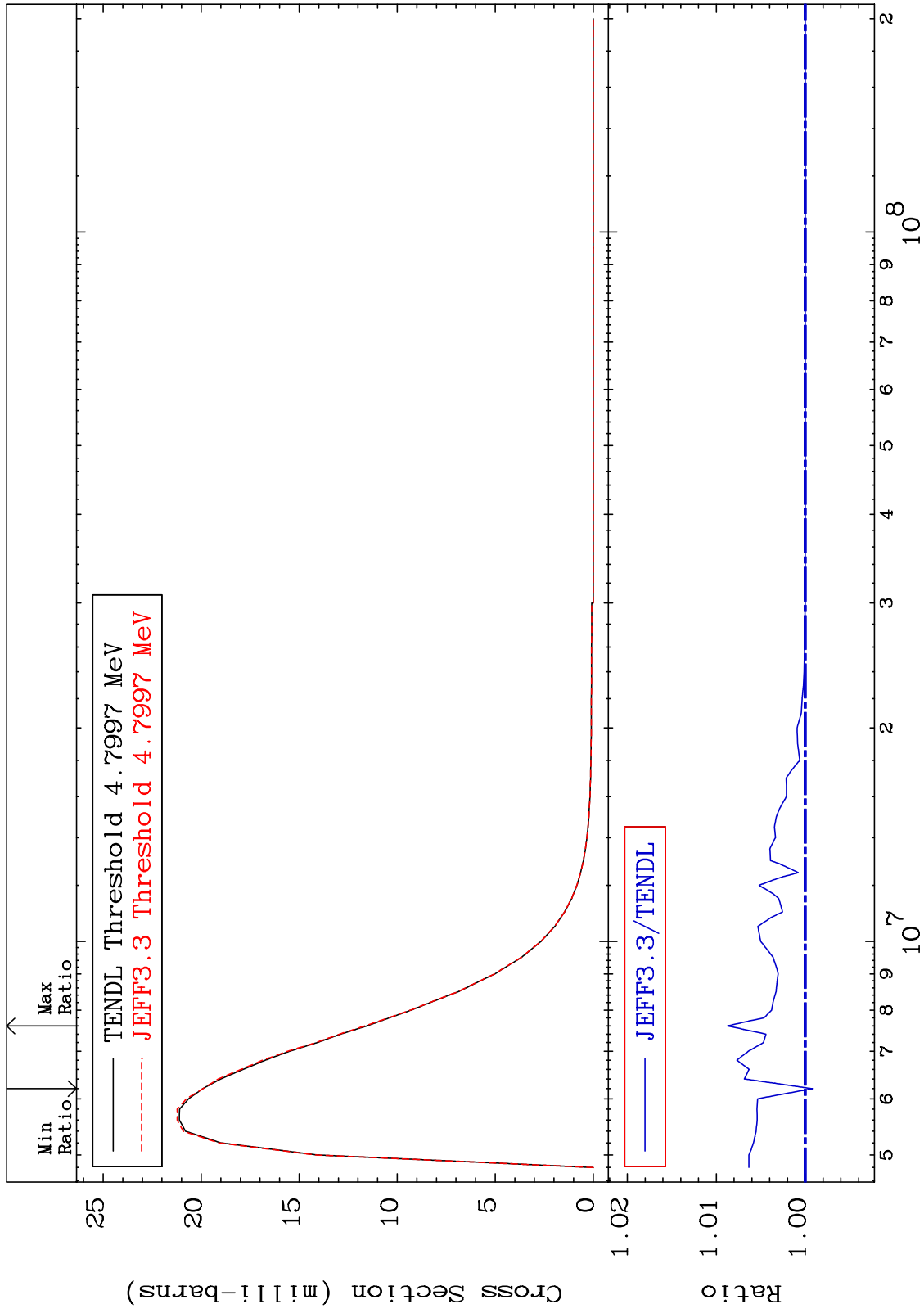
30

19-K -39

MAT 1925

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

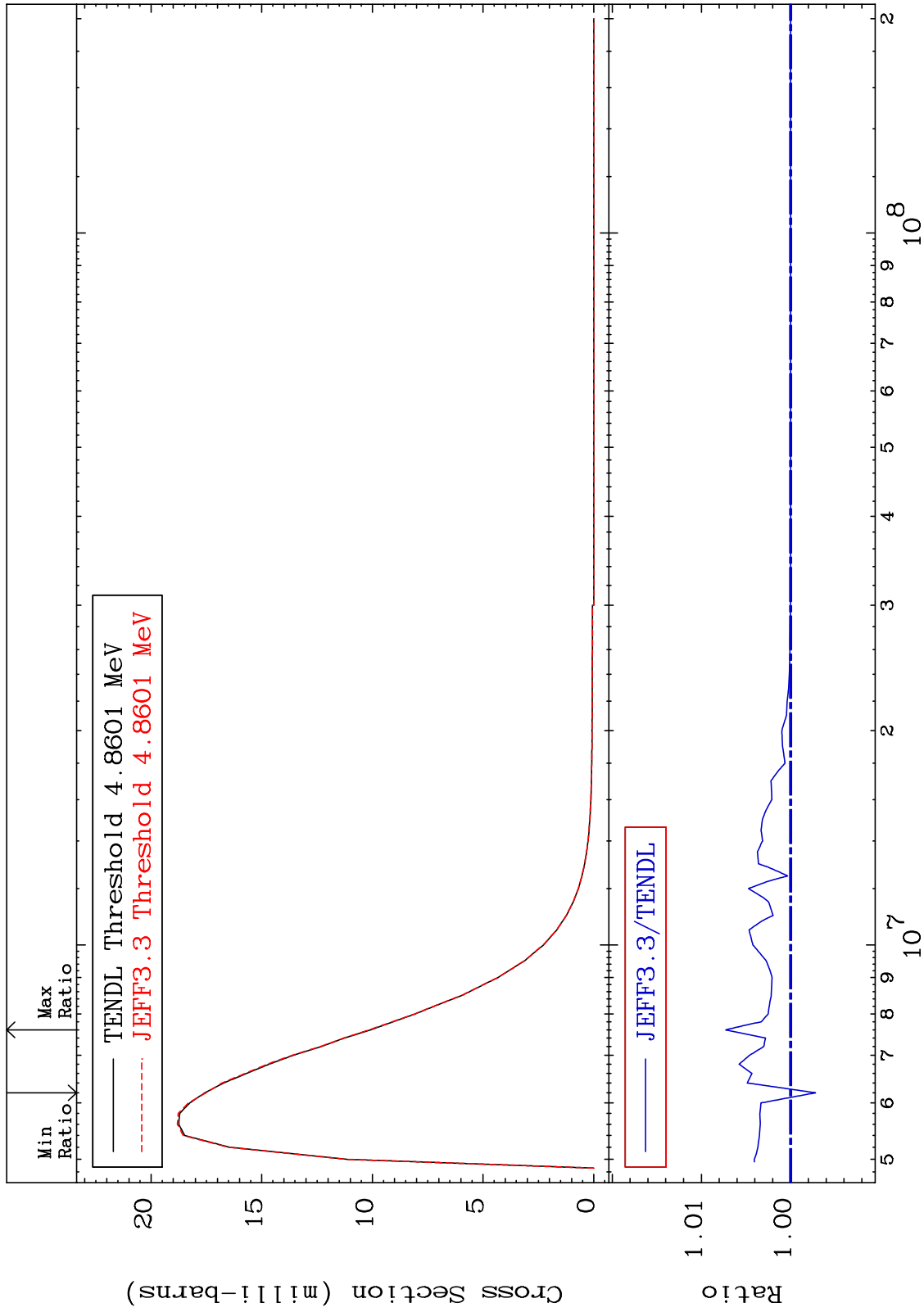
19-K -39
-0.080 To 0.875 %



MAT 1925

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

19-K -39
-0.280 To 0.728 %



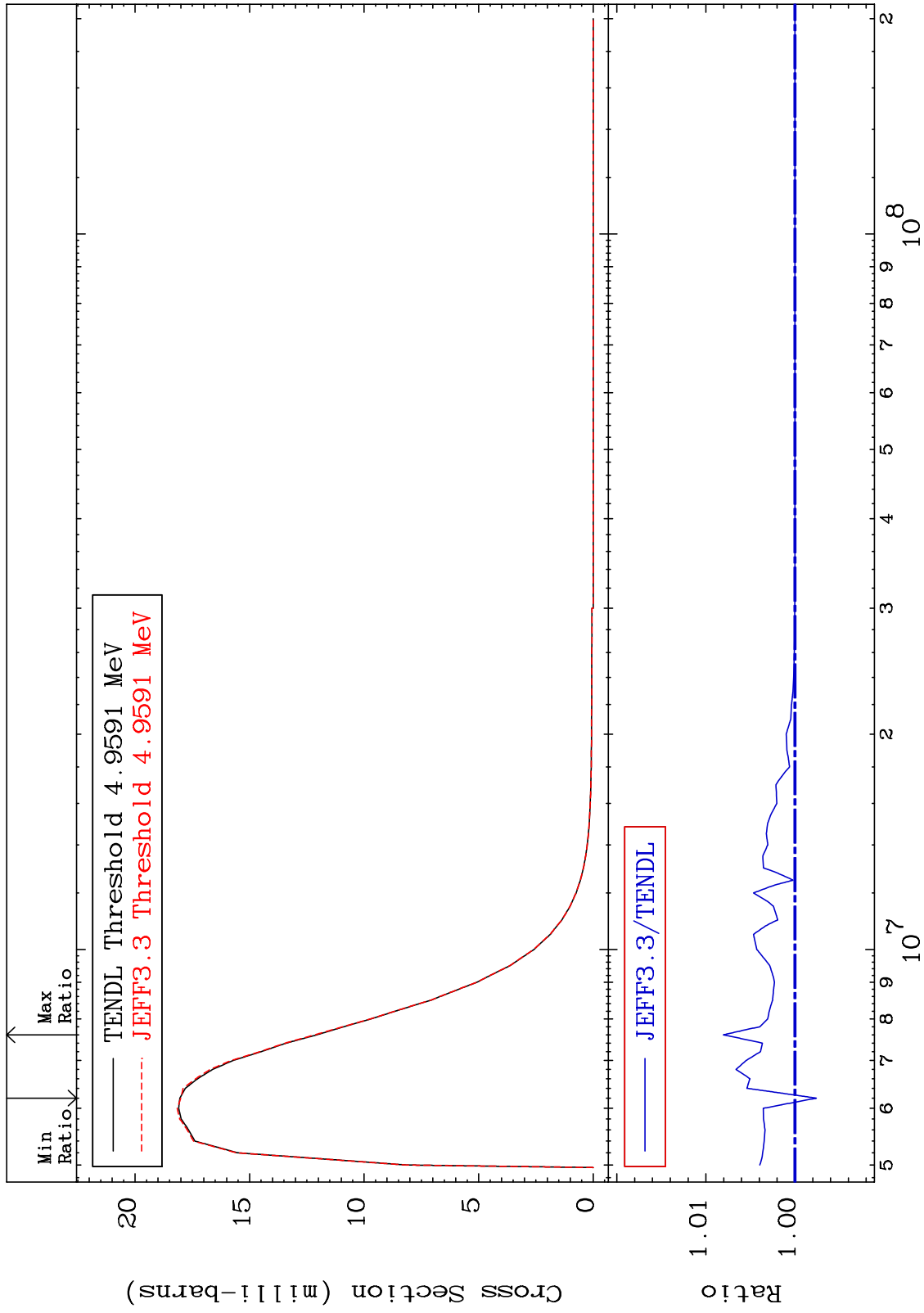
32

19-K -39

MAT 1925

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

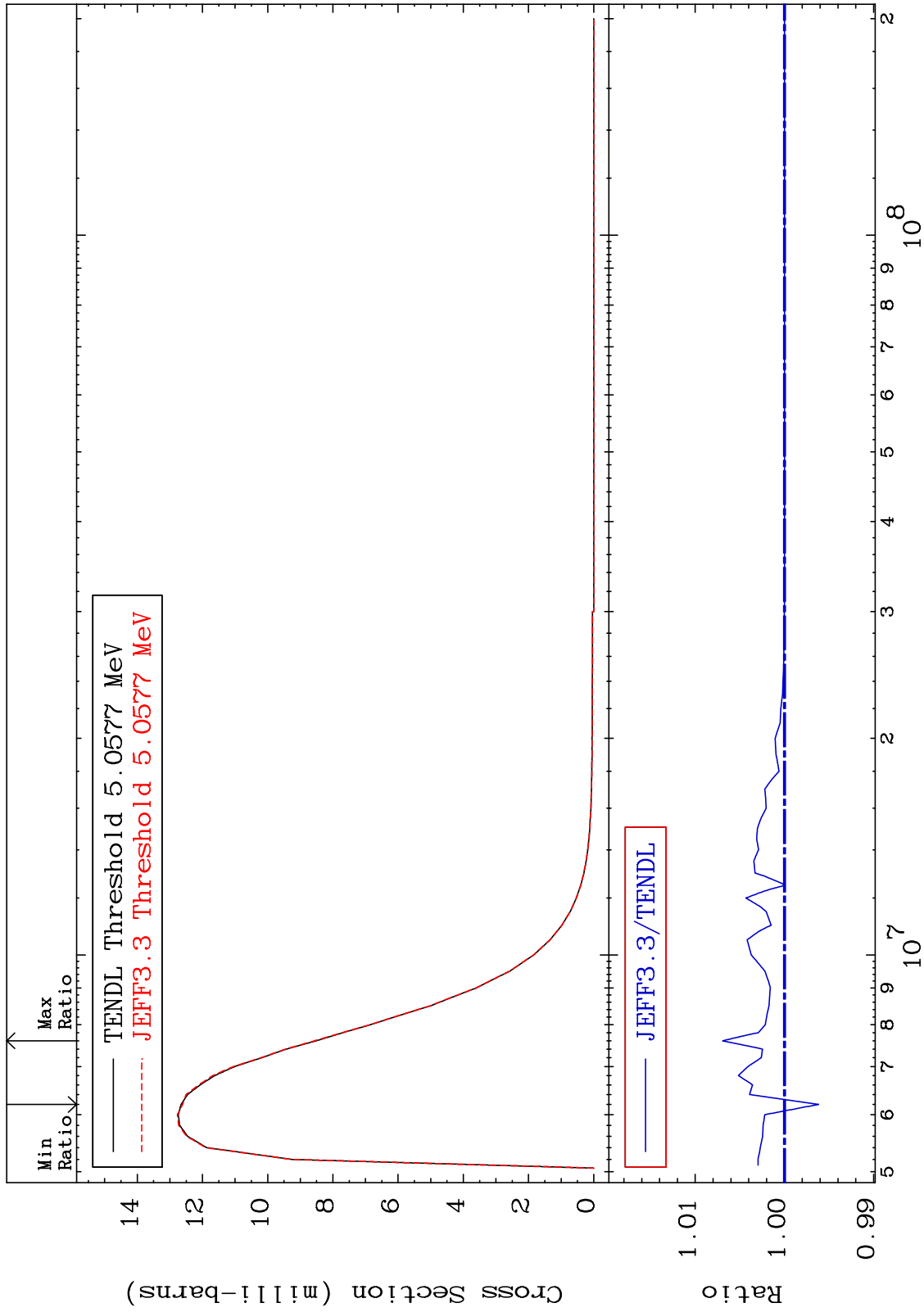
19-K -39
-0.240 To 0.803 %



33

Incident Energy (eV)

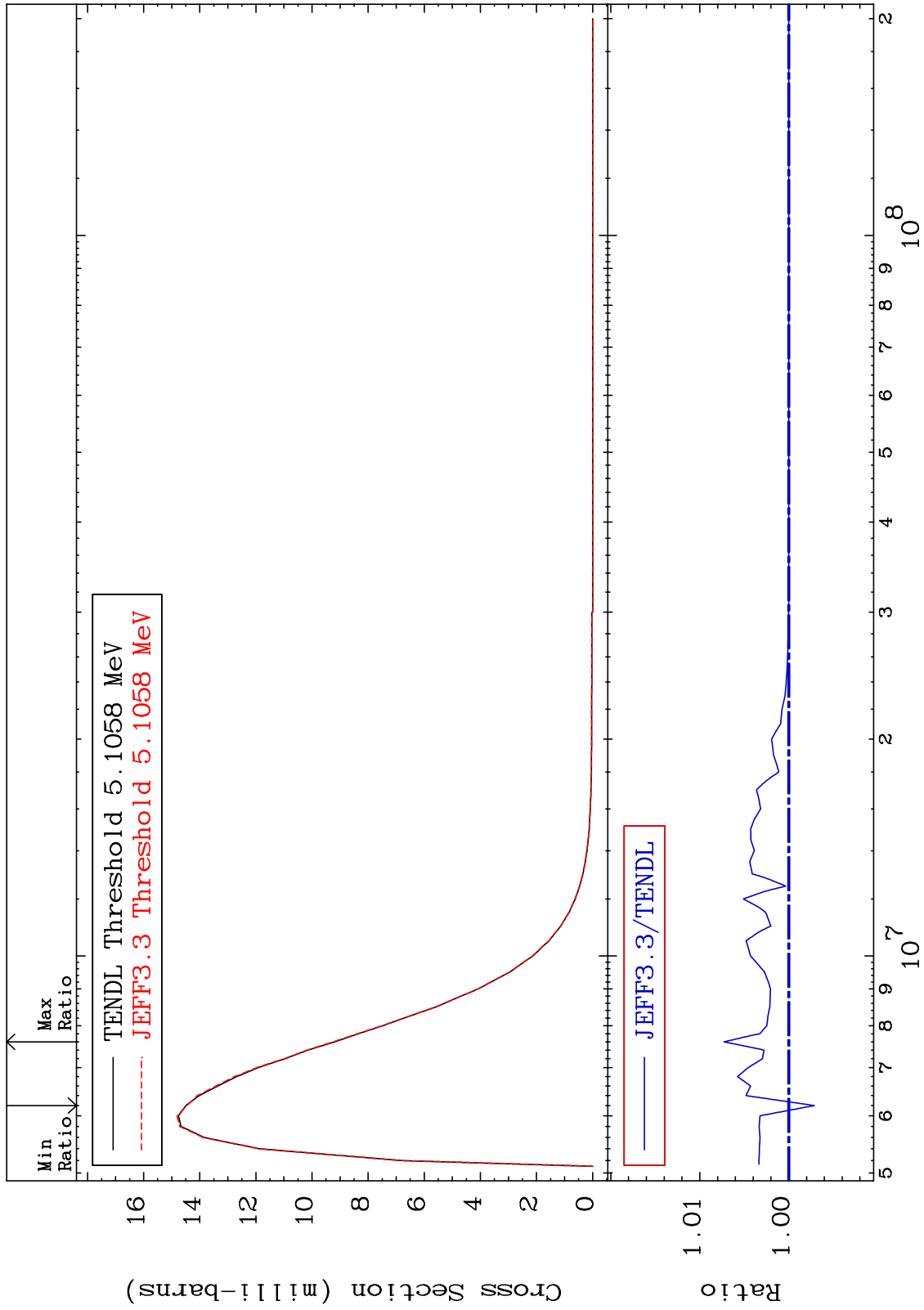
19-K -39



MAT 1925

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

19-K -39
-0.287 To 0.727 %



35

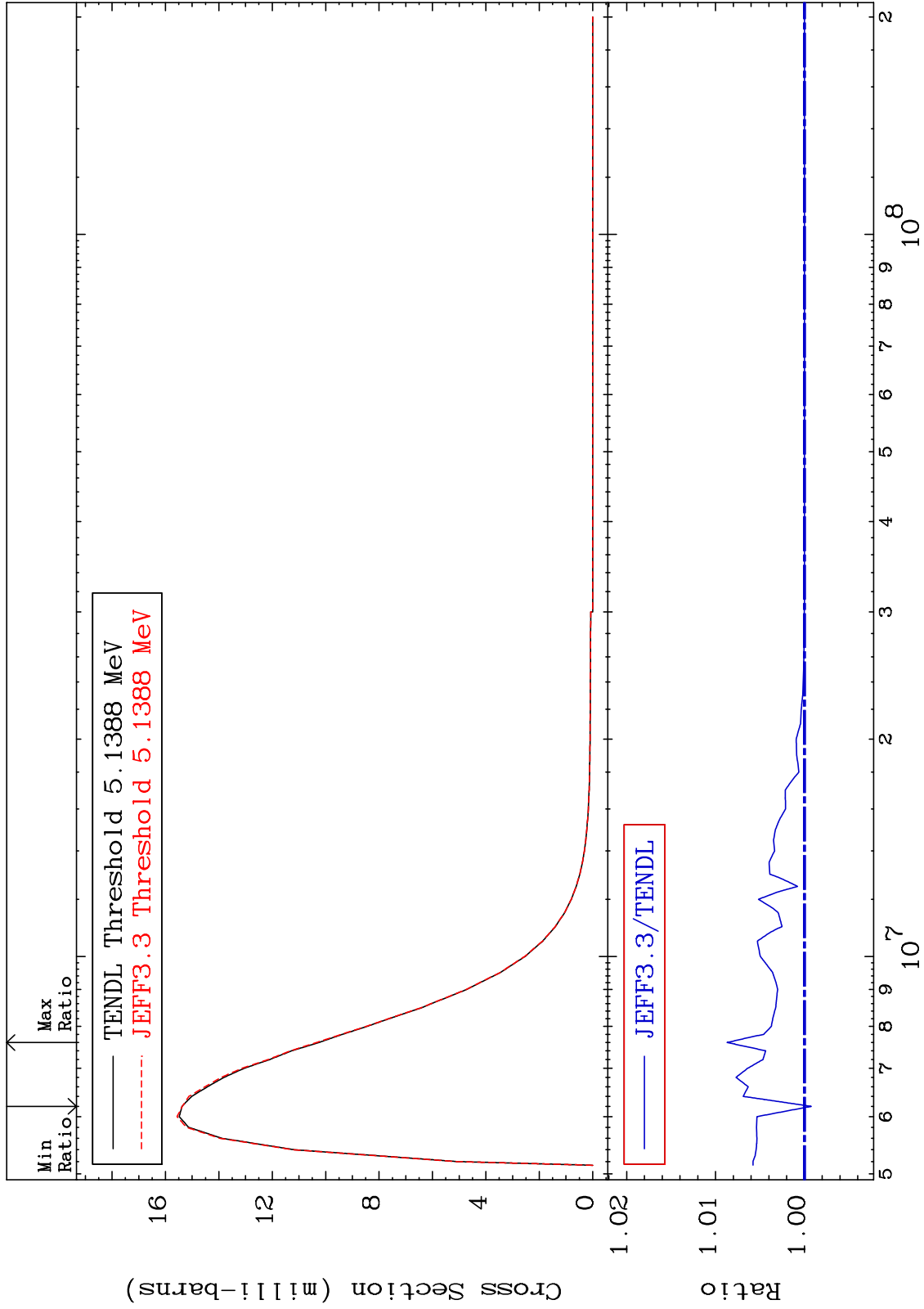
Incident Energy (eV)

19-K -39

MAT 1925

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

19-K -39
-0.077 To 0.870 %



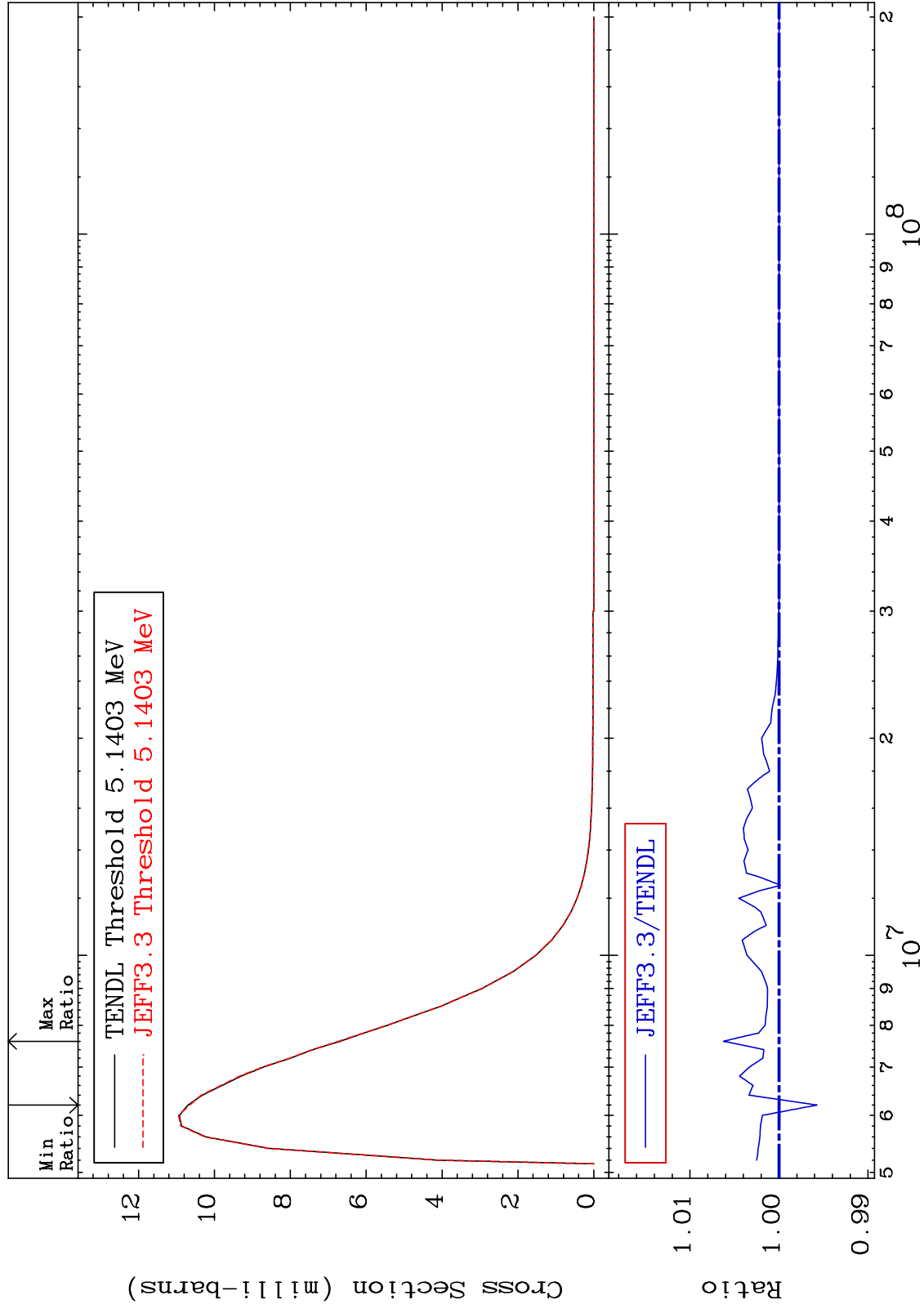
36

19-K -39

MAT 1925

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

19-K -39
-0.426 To 0.625 %



37

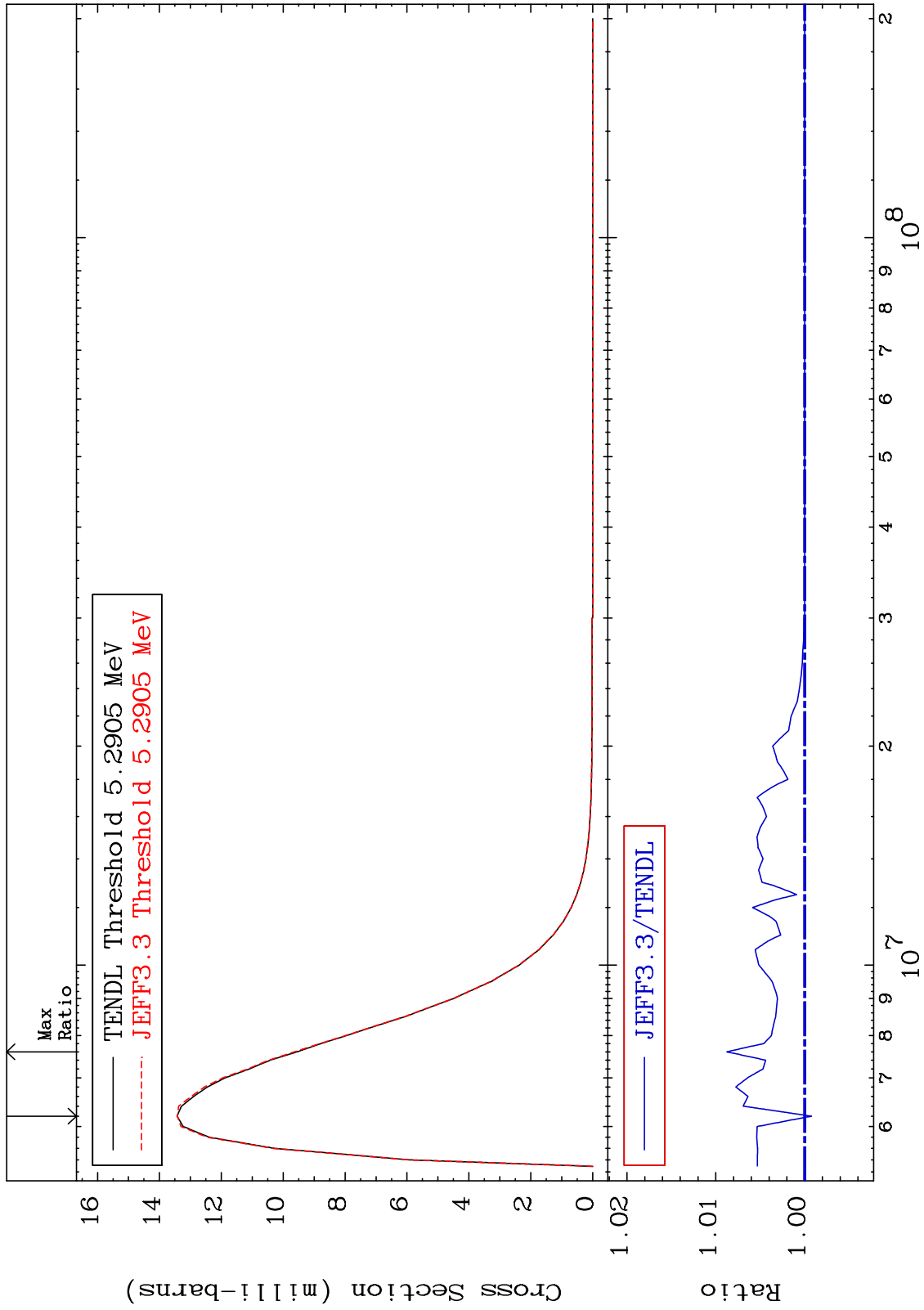
Incident Energy (eV)

19-K -39

MAT 1925

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

19-K -39
-0.077 To 0.875 %



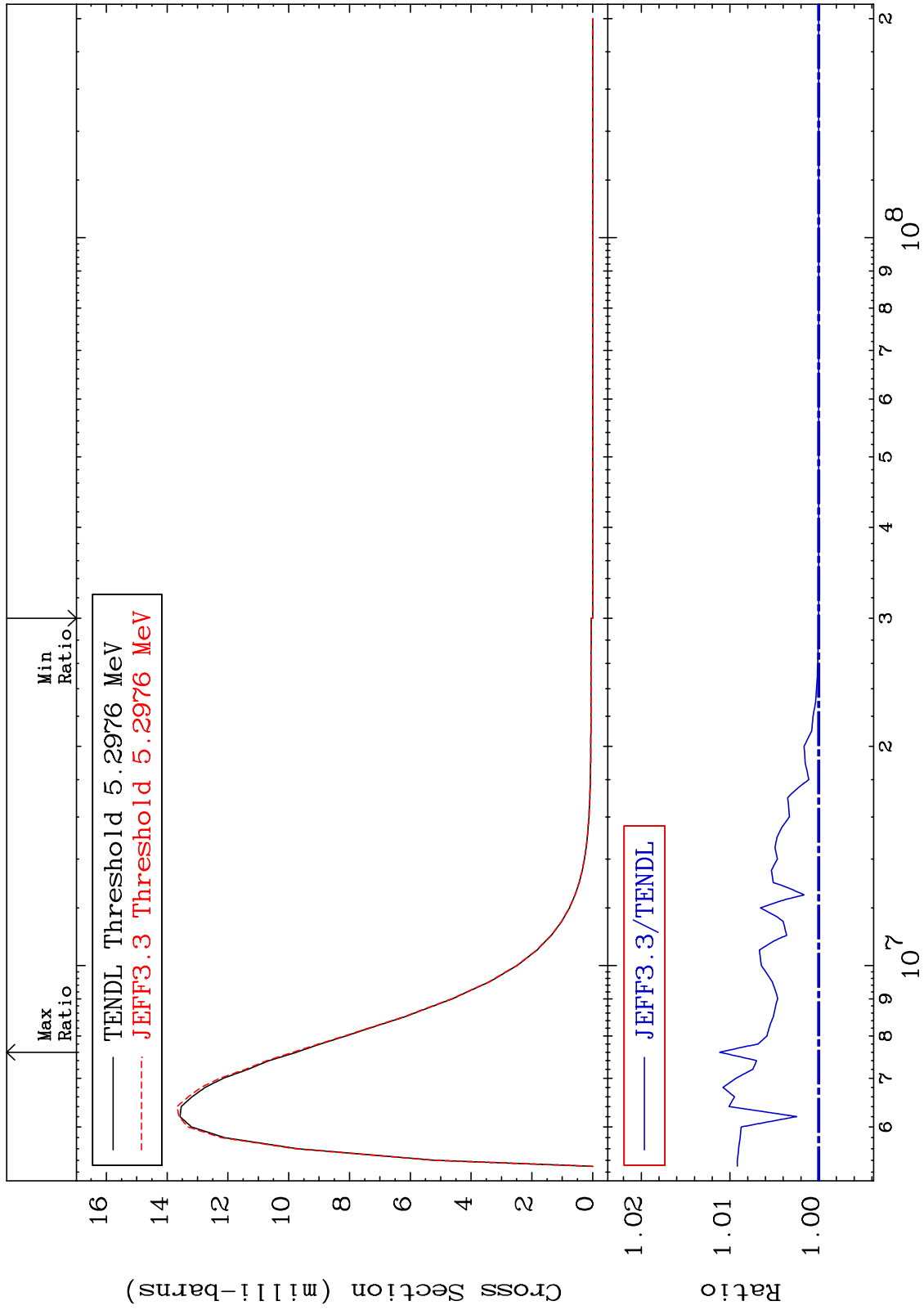
38

19-K -39

MAT 1925

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

0.000 To 1.115 %
19-K -39



39

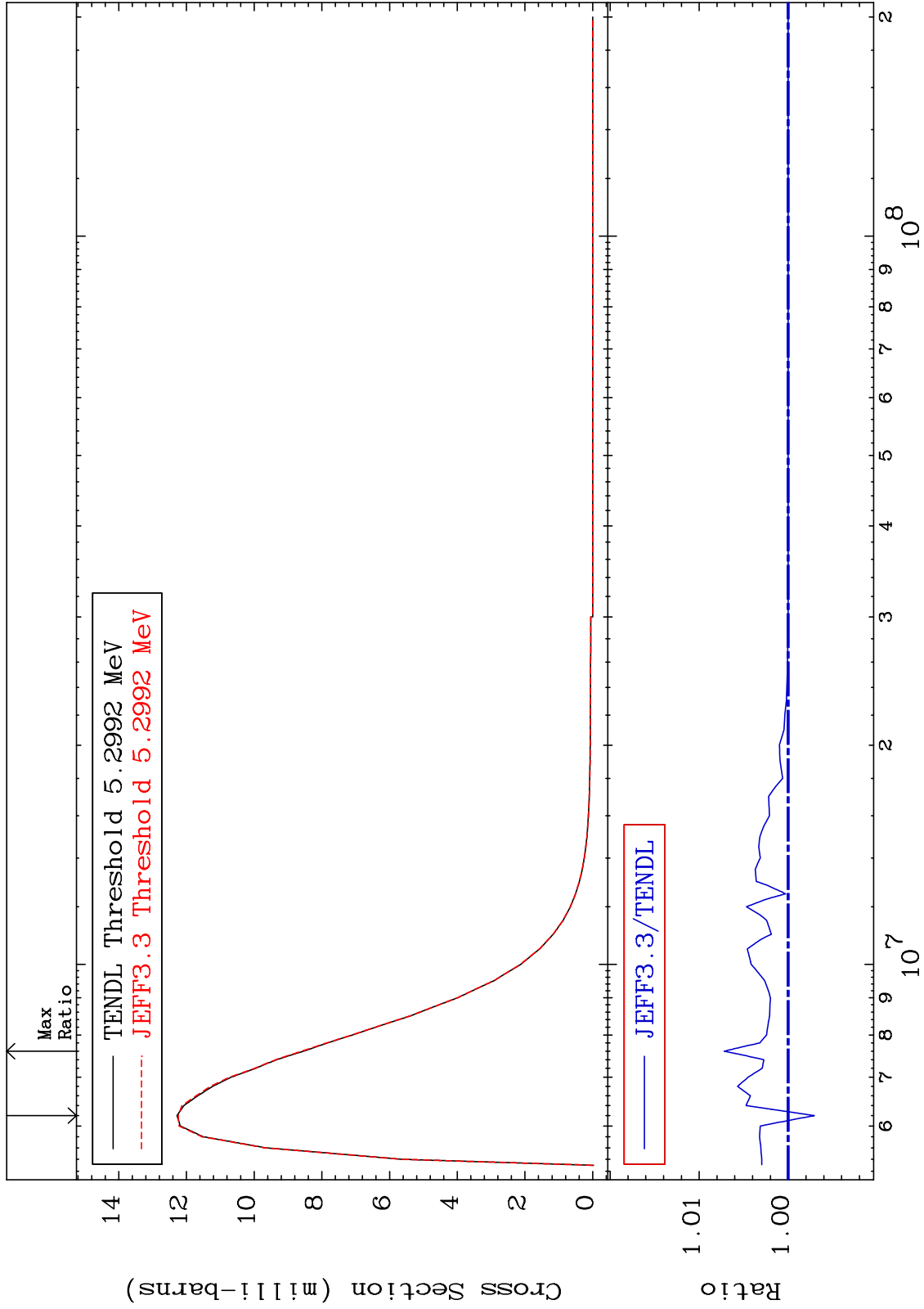
Incident Energy (eV)

19-K -39

MAT 1925

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

19-K -39
-0.292 To 0.719 %



40

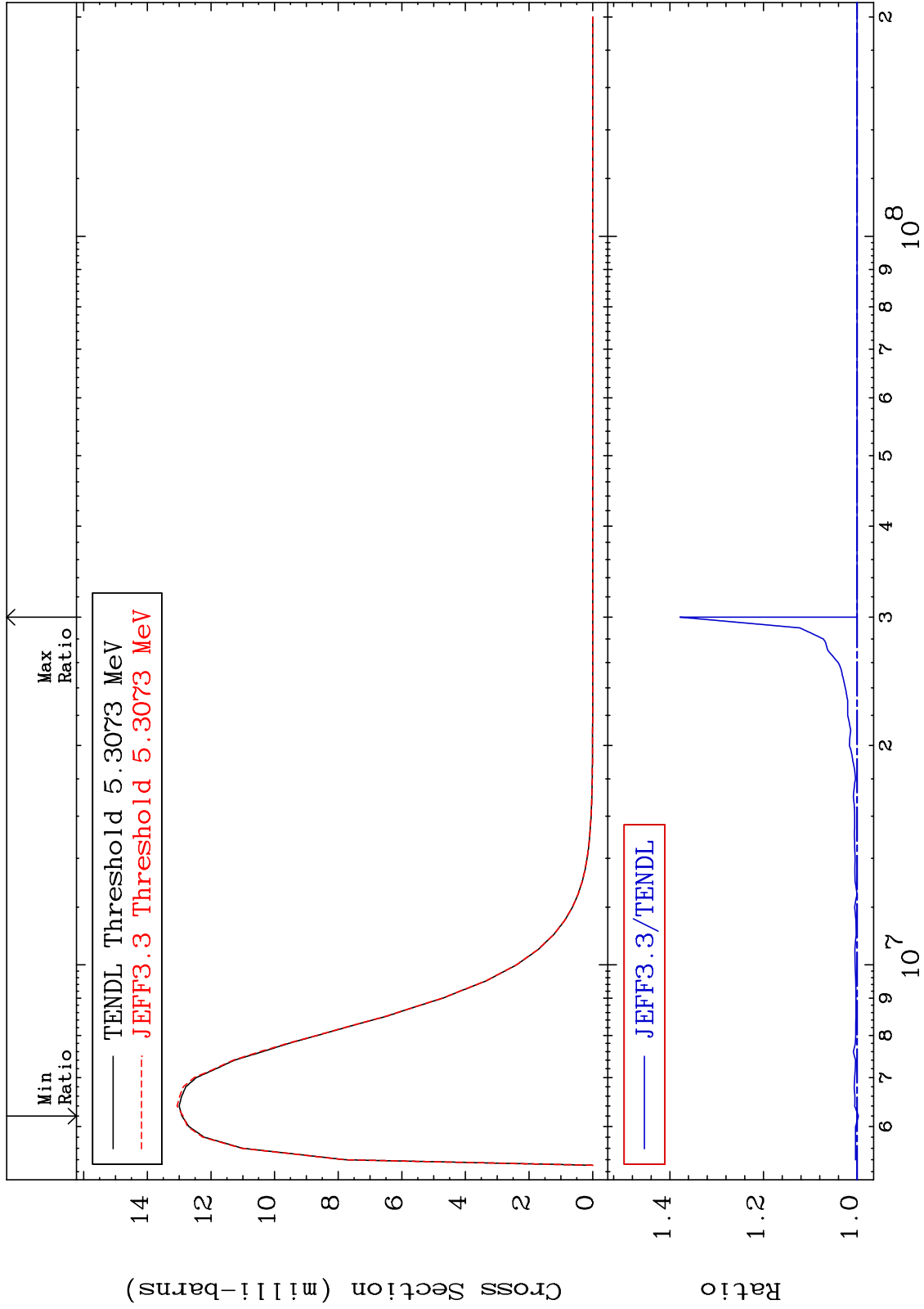
Incident Energy (eV)

19-K -39

MAT 1925

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

19-K -39
-0.272 To 37.82 %



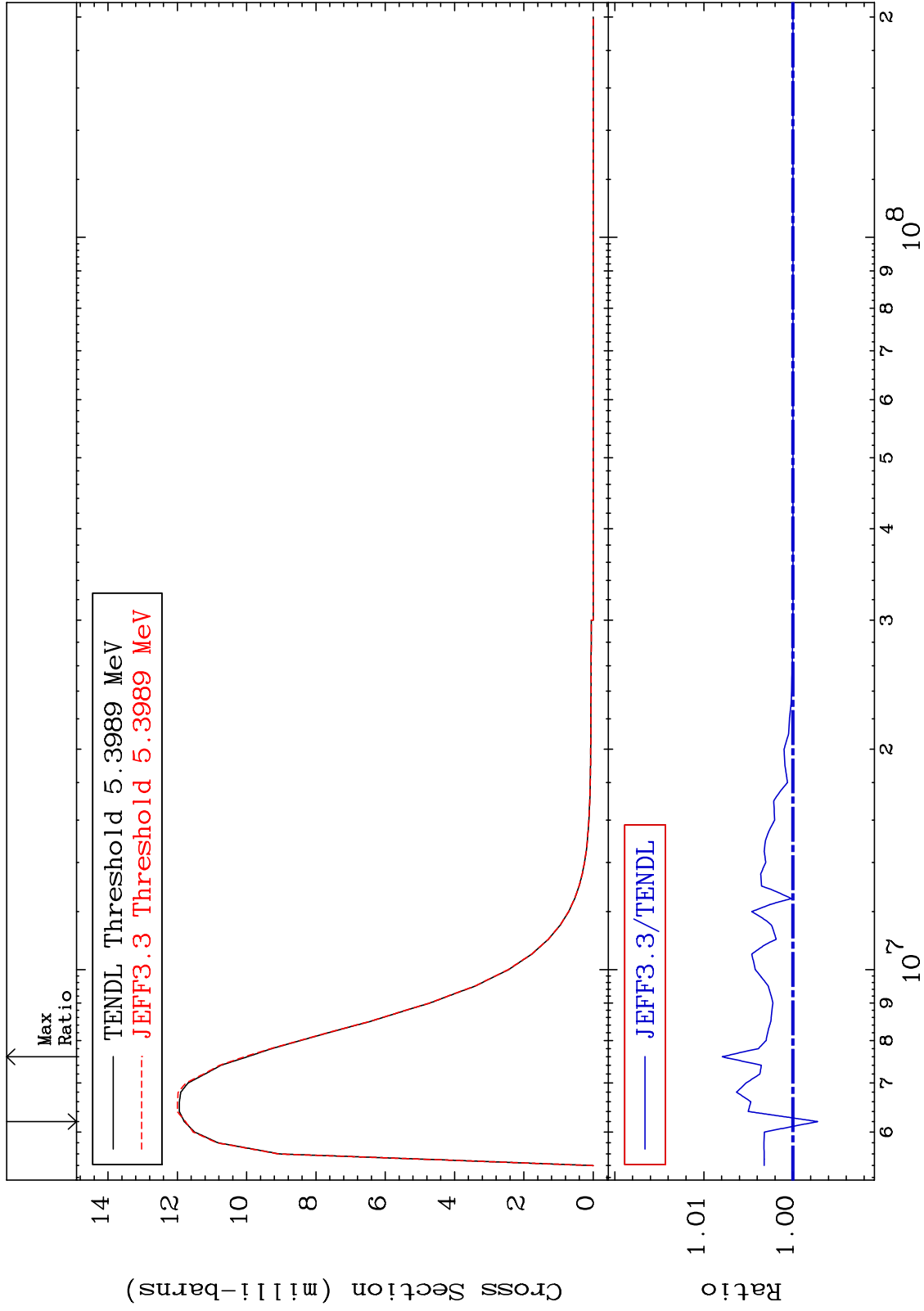
41

19-K -39

MAT 1925

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

19-K -39
-0.278 To 0.794 %



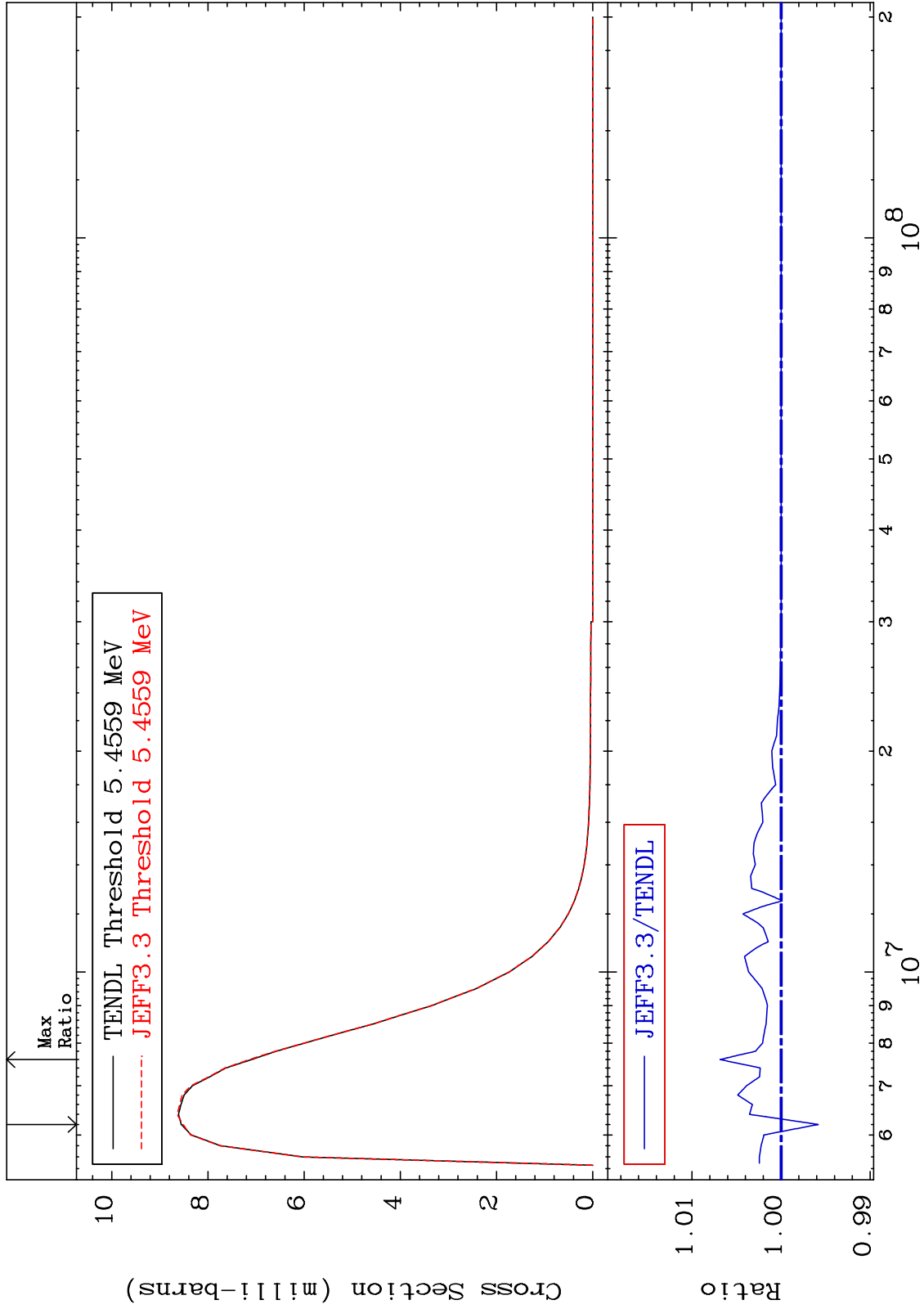
42

19-K -39

MAT 1925

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

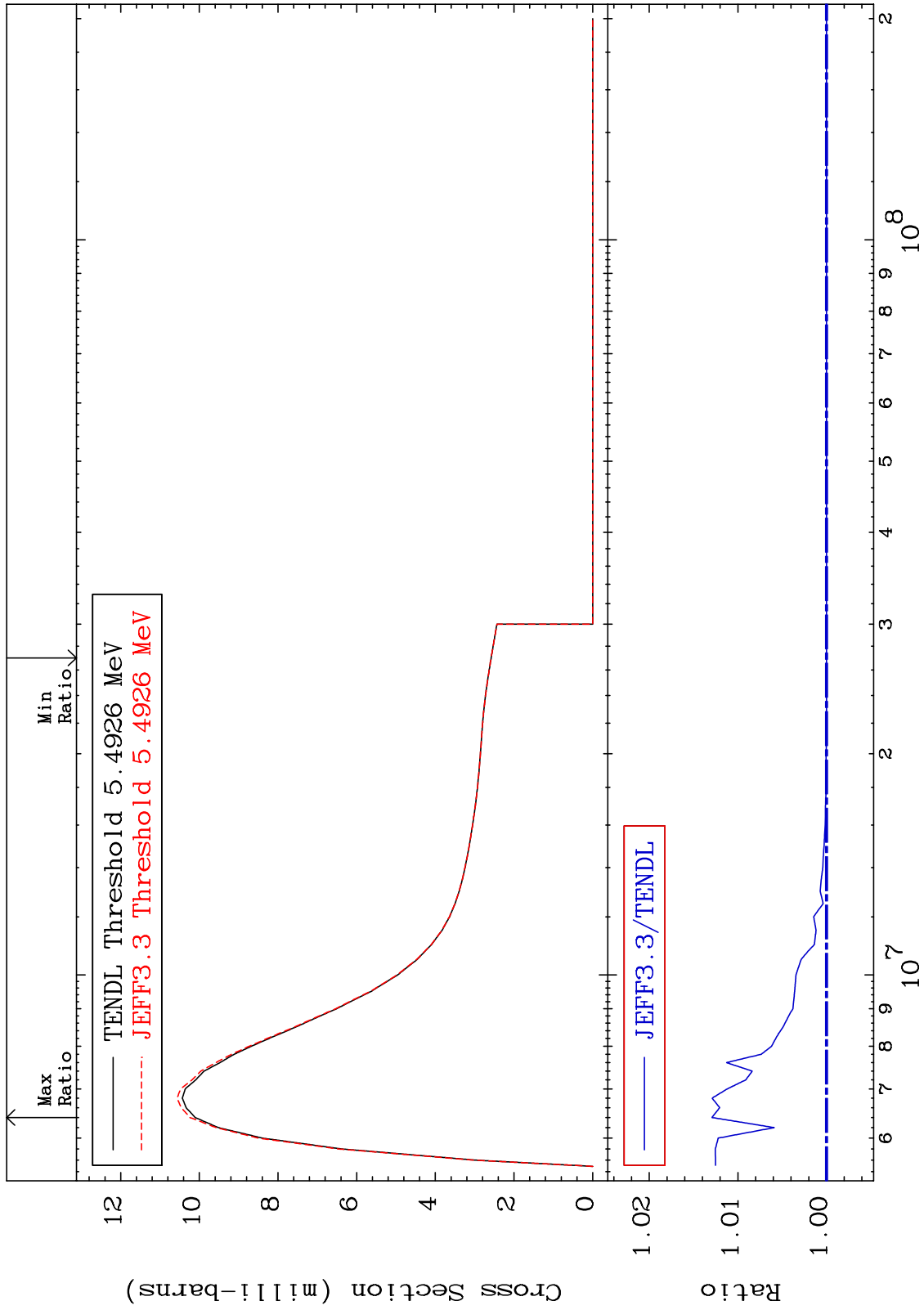
19-K -39
-0.418 To 0.684 %



43

19-K -39

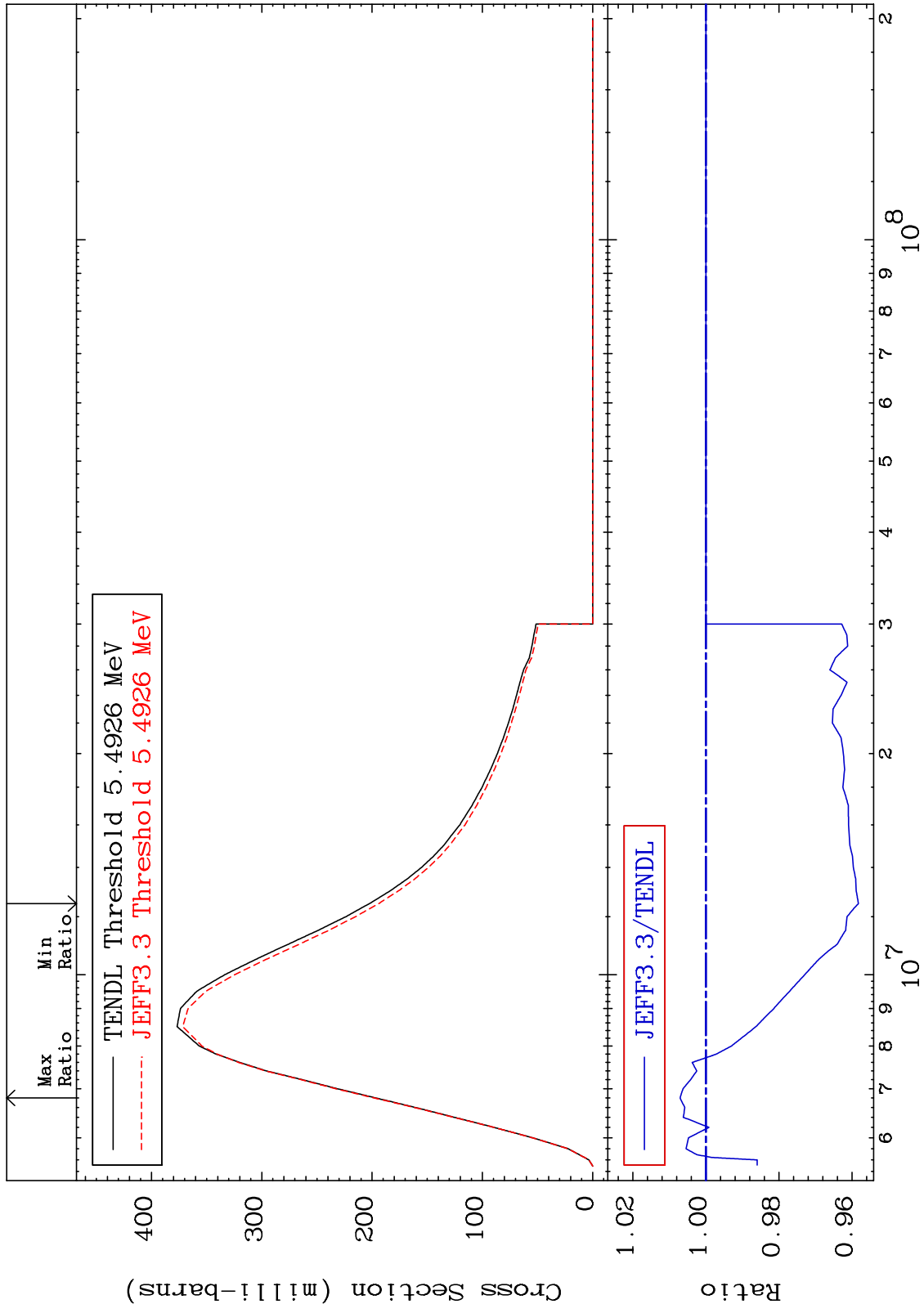
MAT 1925 MT= 77 (n,n') Level Cross Section 19-K -39 To 1.293 %



MAT 1925

(n,n') Continuum
Cross Section

19-K -39
-4.175 To 0.709 %



45

Incident Energy (eV)

19-K -39

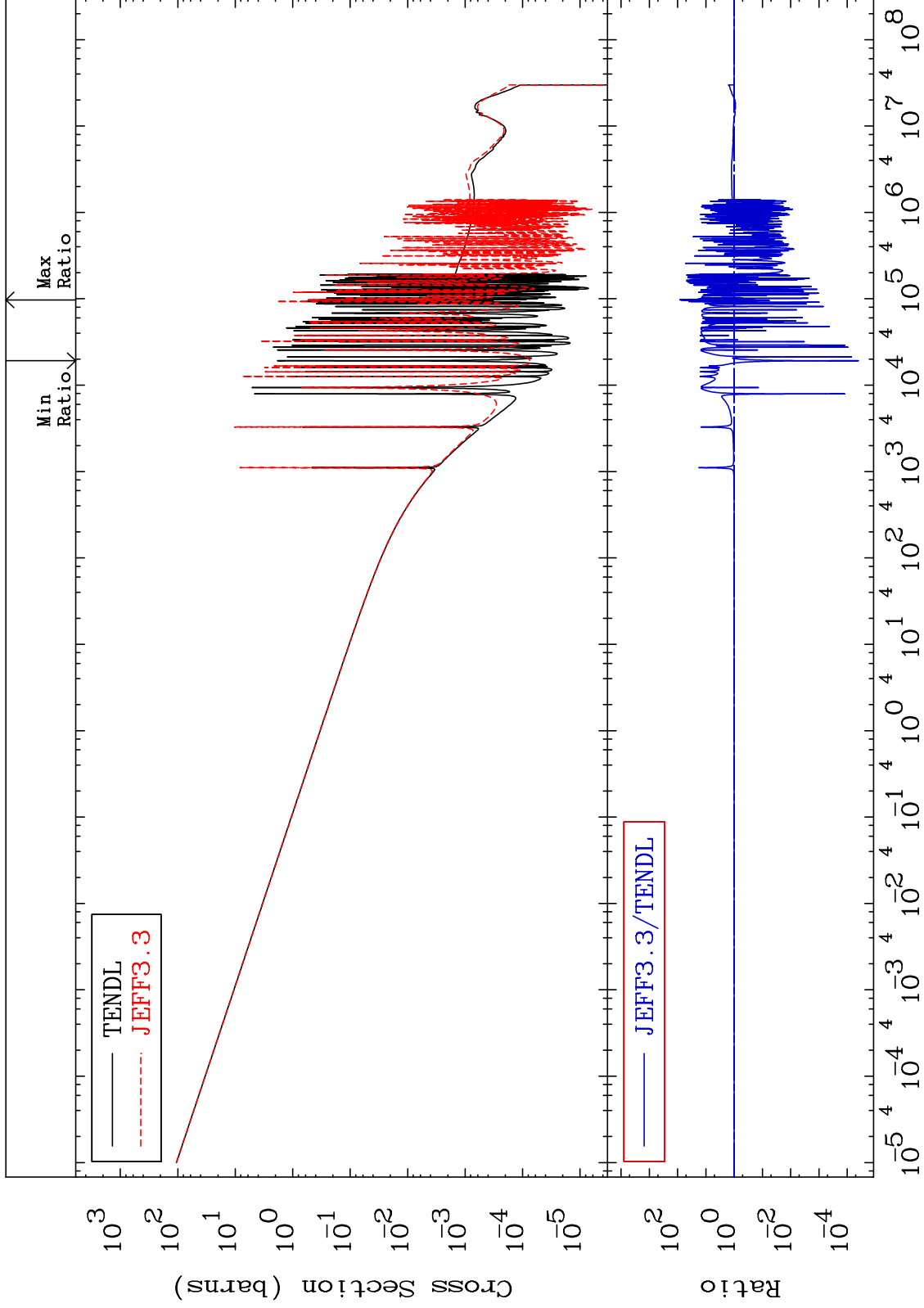
MAT 1925

(n, γ)

19-K -39

Cross Section

-100.0 To 8258. %



46

Incident Energy (eV)

19-K -39

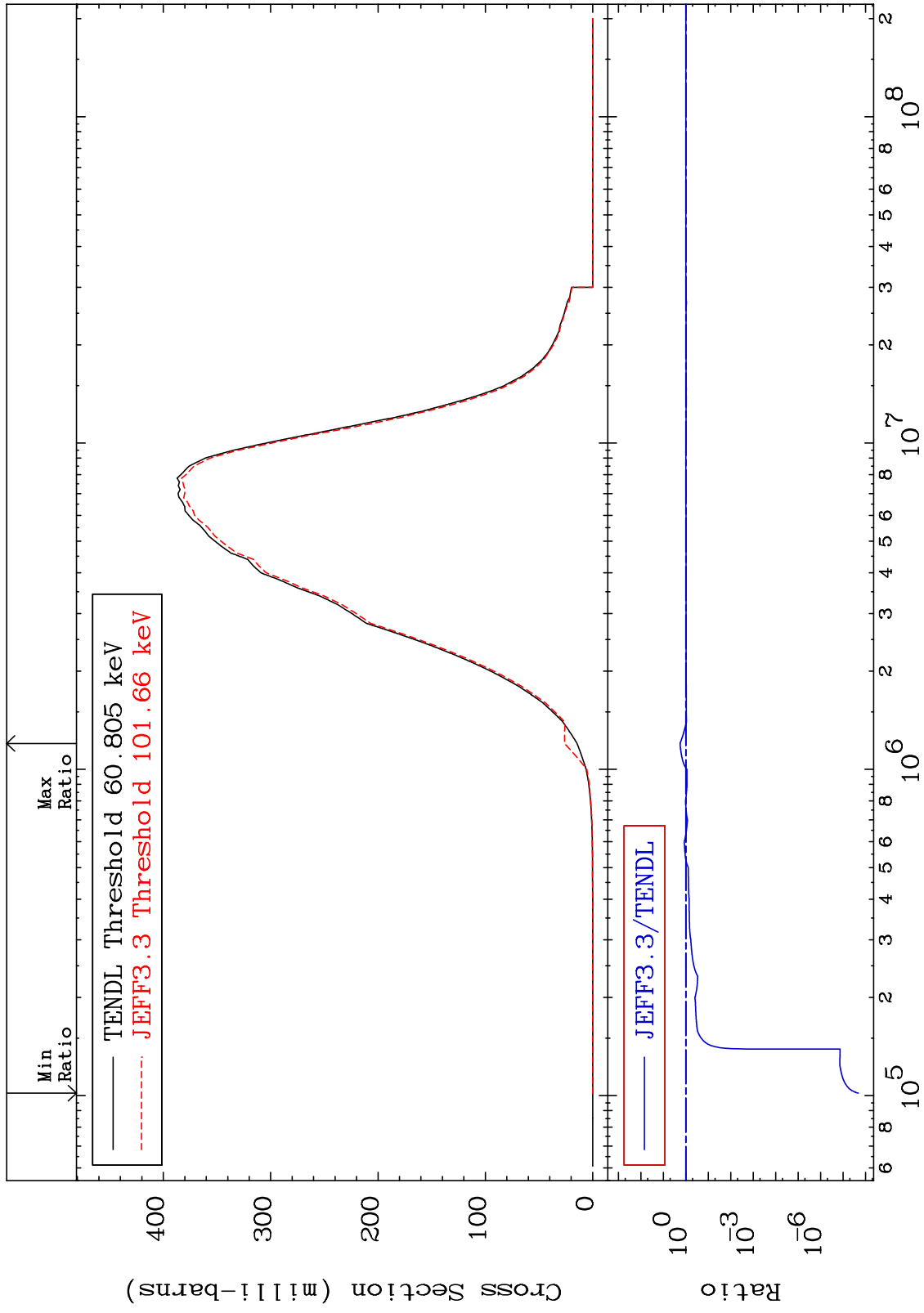
MAT 1925

(n,p)

19-K -39

Cross Section

-100.0 To 81.00 %



47

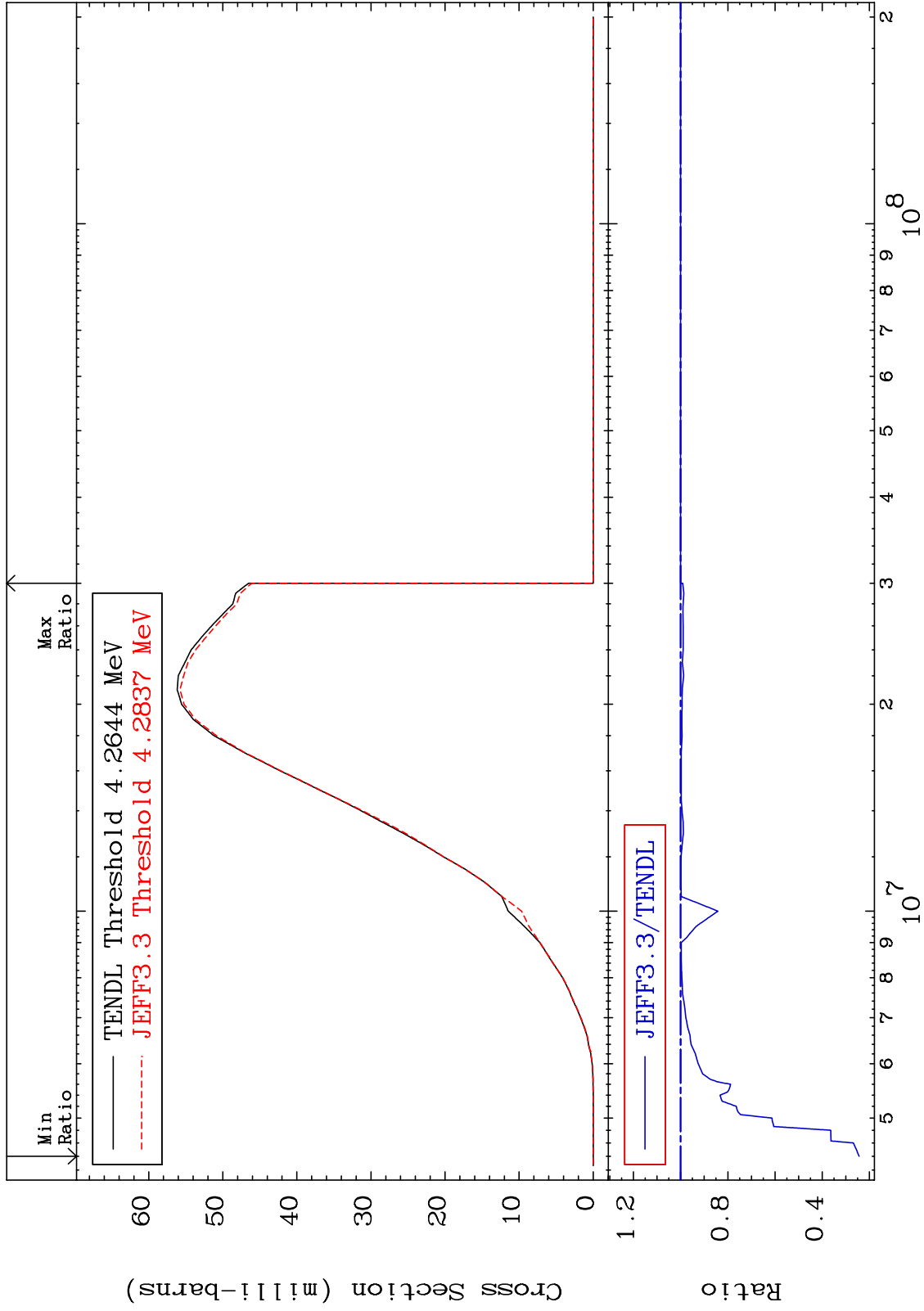
19-K -39

MAT 1925

(n, d)

19-K -39

Cross Section
-75.66 To 0.000 %



48

Incident Energy (eV)

19-K -39

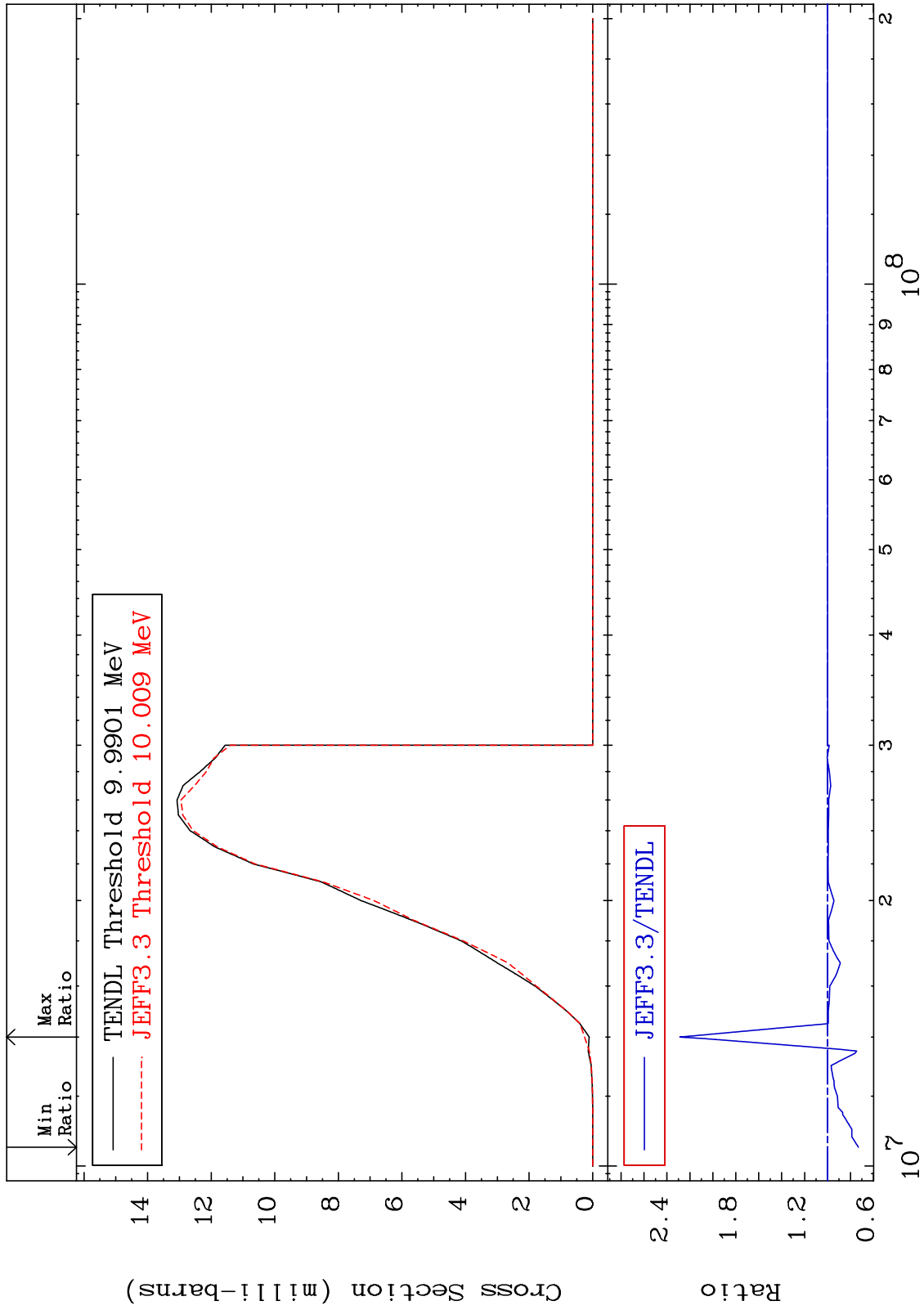
MAT 1925

(n, t)

19-K -39

Cross Section

-26.92 To 128.6 %



Incident Energy (eV)

19-K -39

49

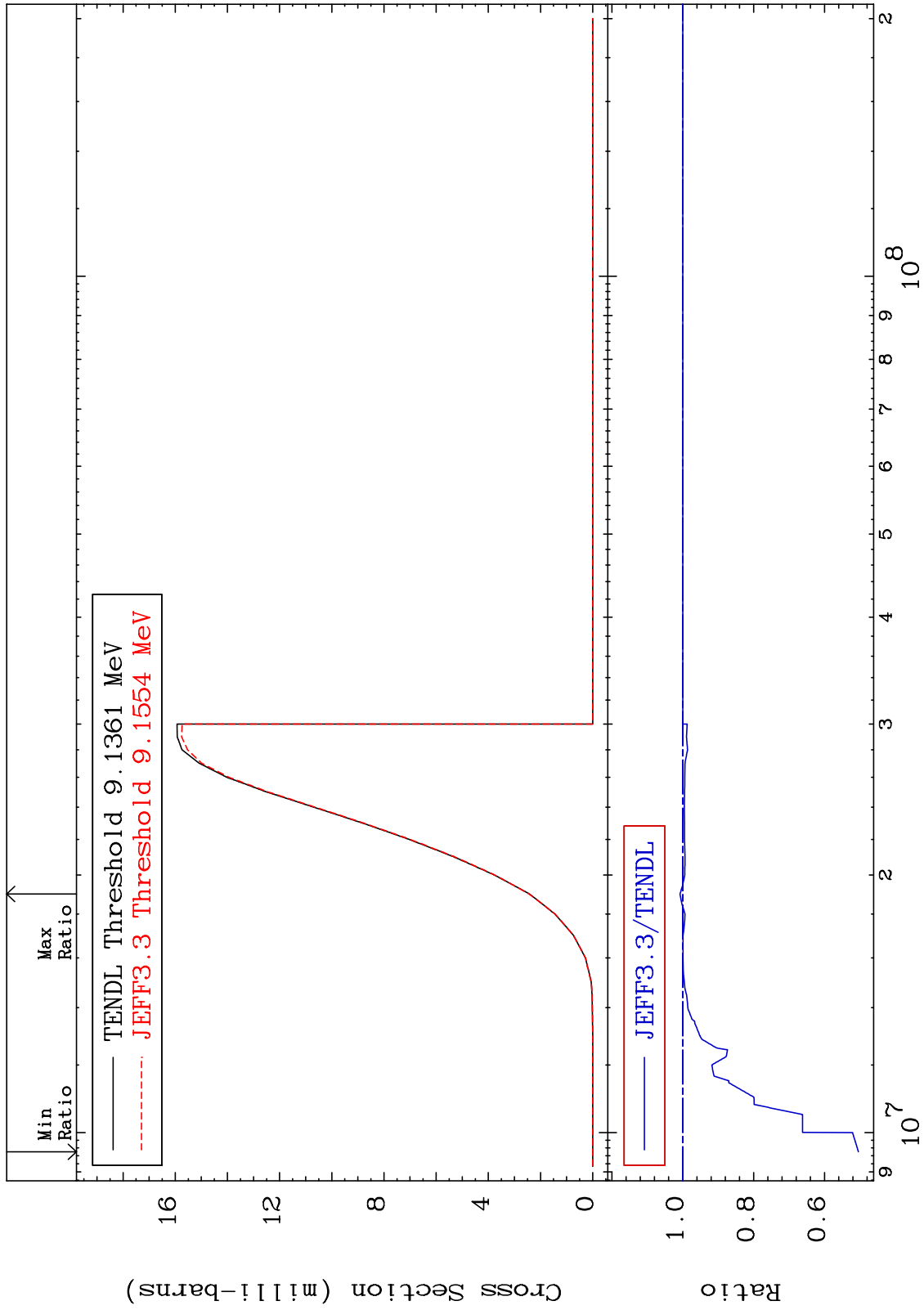
MAT 1925

(n, He-3)

19-K -39

Cross Section

-49.56 To 0.770 %



19-K -39

Incident Energy (eV)

50

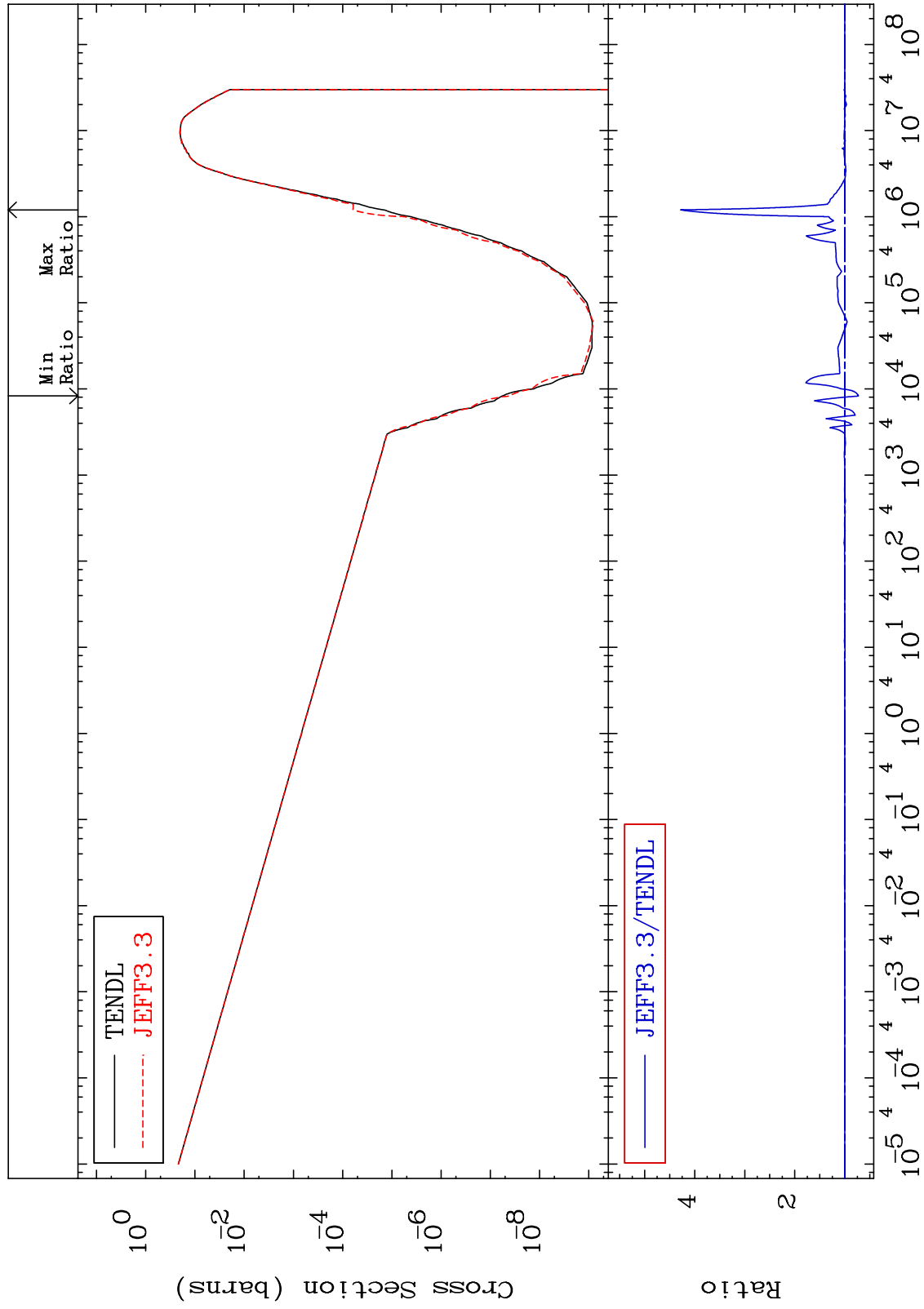
MAT 1925

(n, α)

Cross Section

19-K -39

-27.42 To 328.5 %



51

Incident Energy (eV)

19-K -39

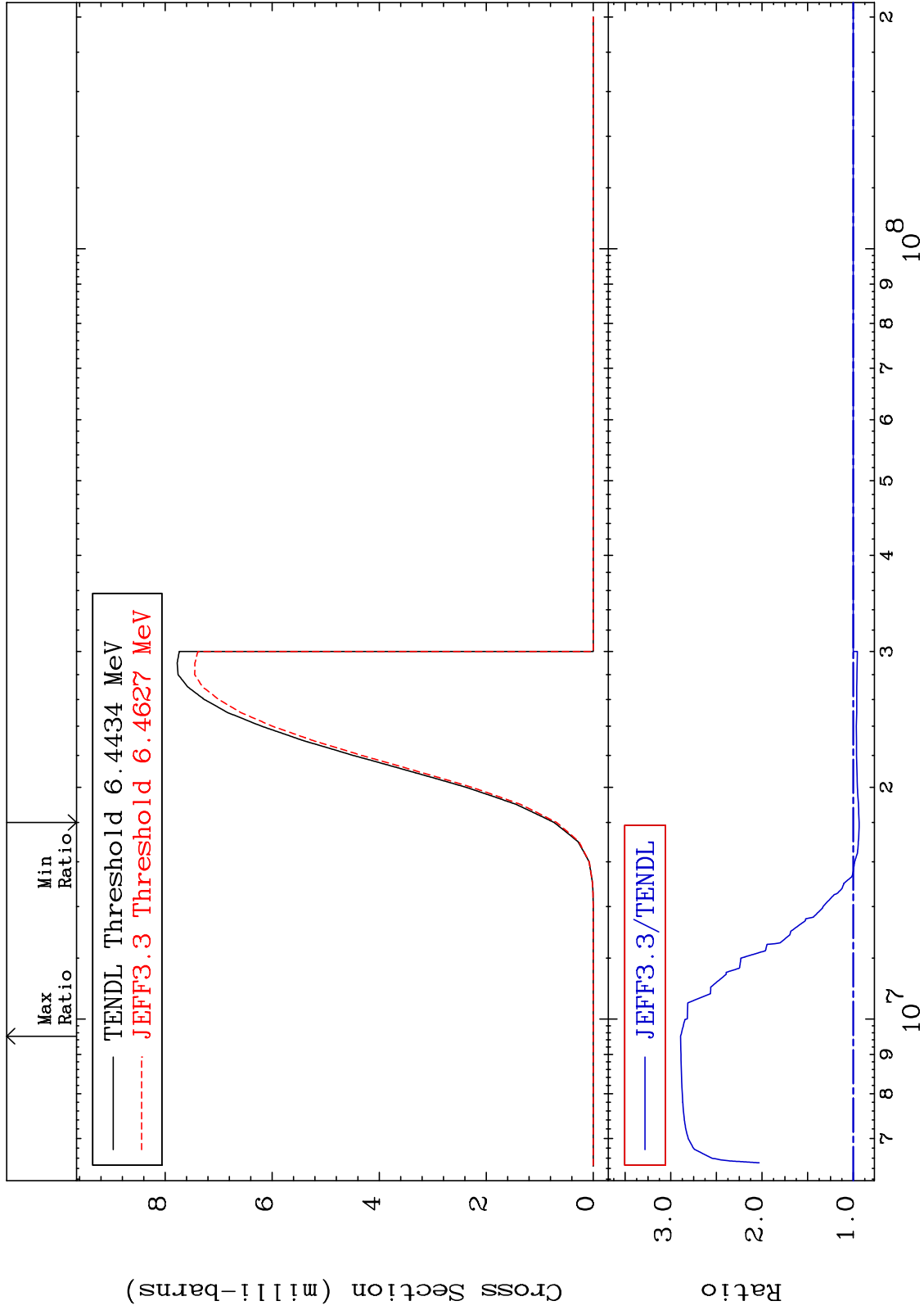
MAT 1925

(n,2α)

19-K -39

Cross Section

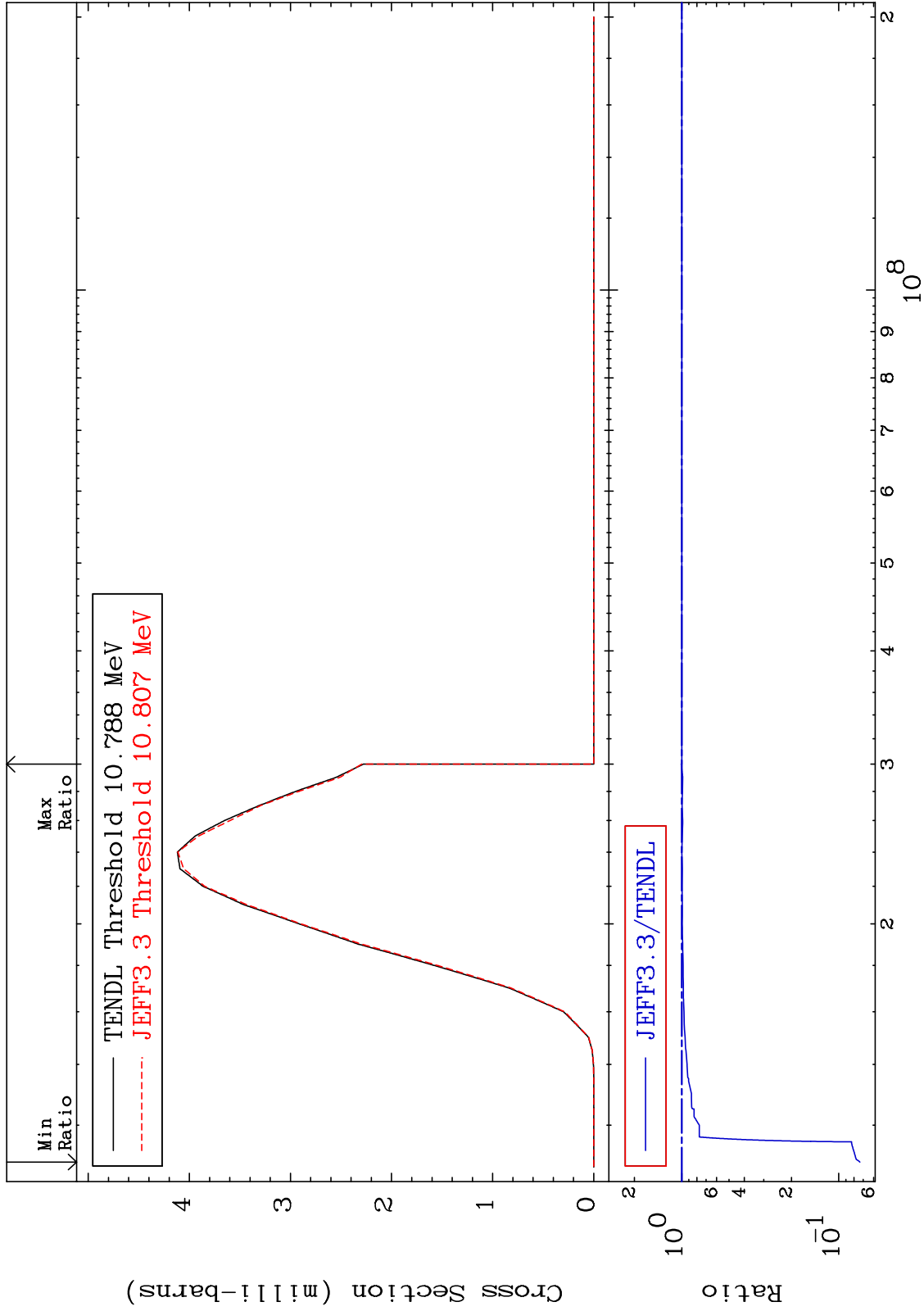
-6.421 To 189.2 %

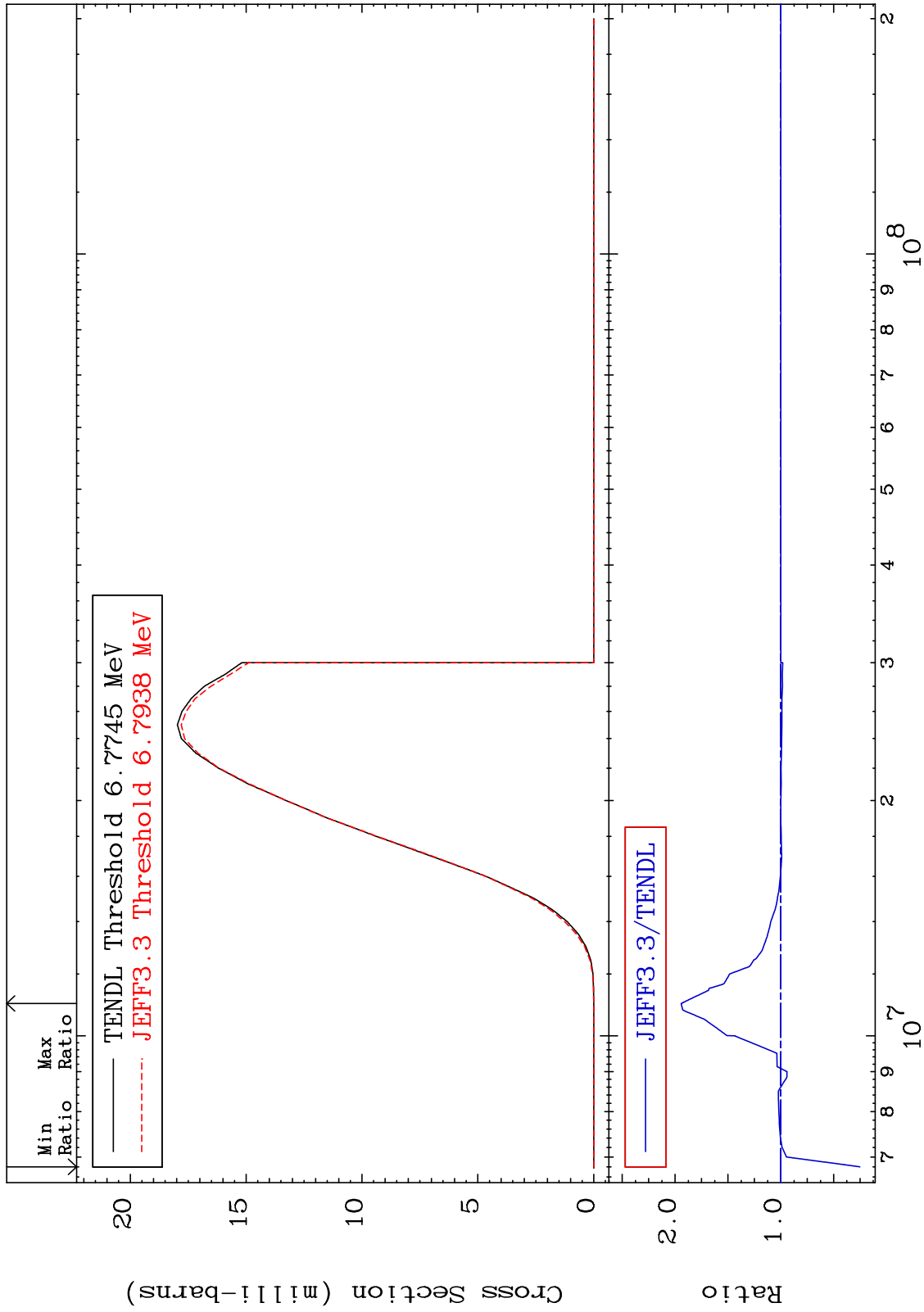


52

Incident Energy (eV)

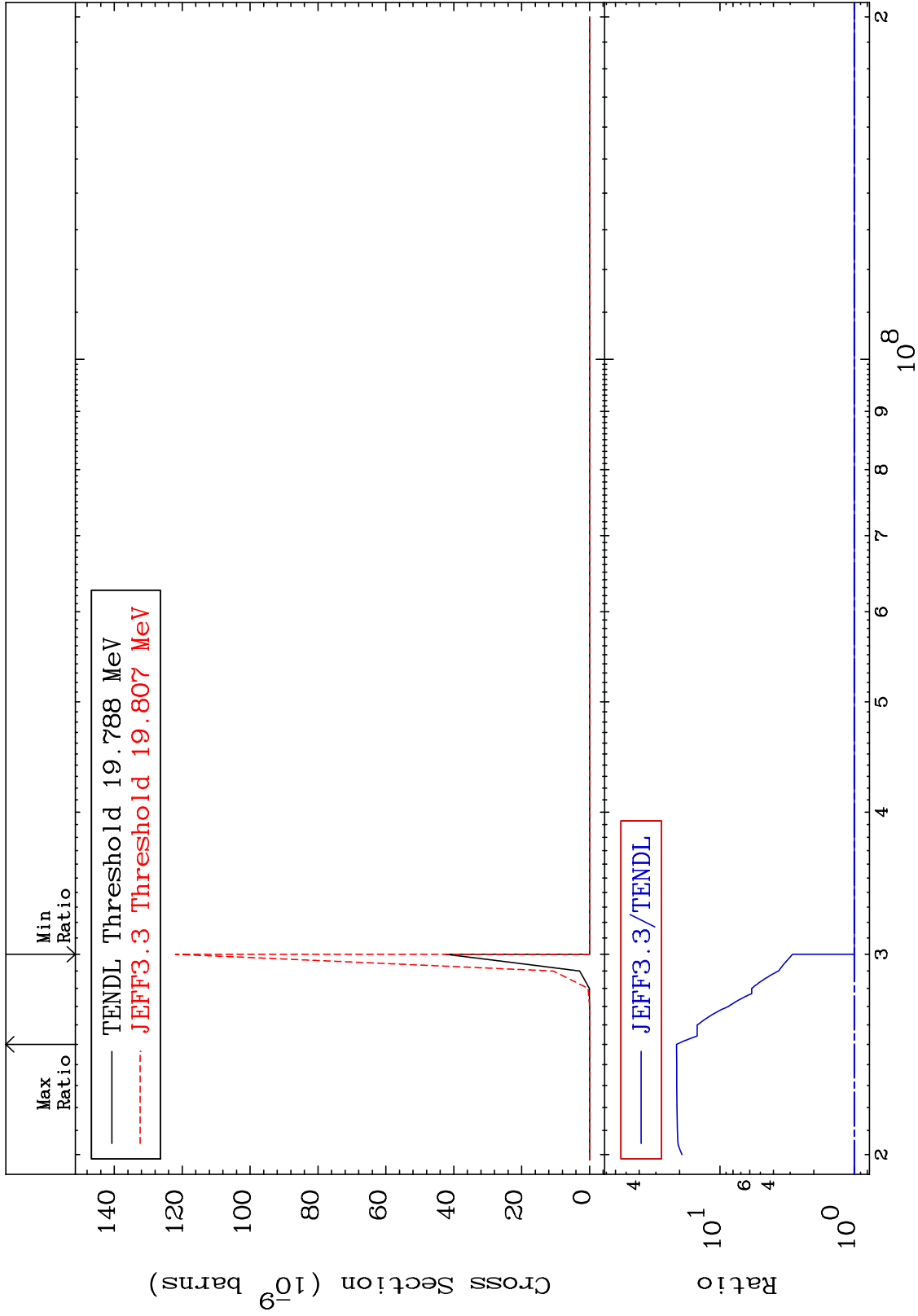
19-K -39





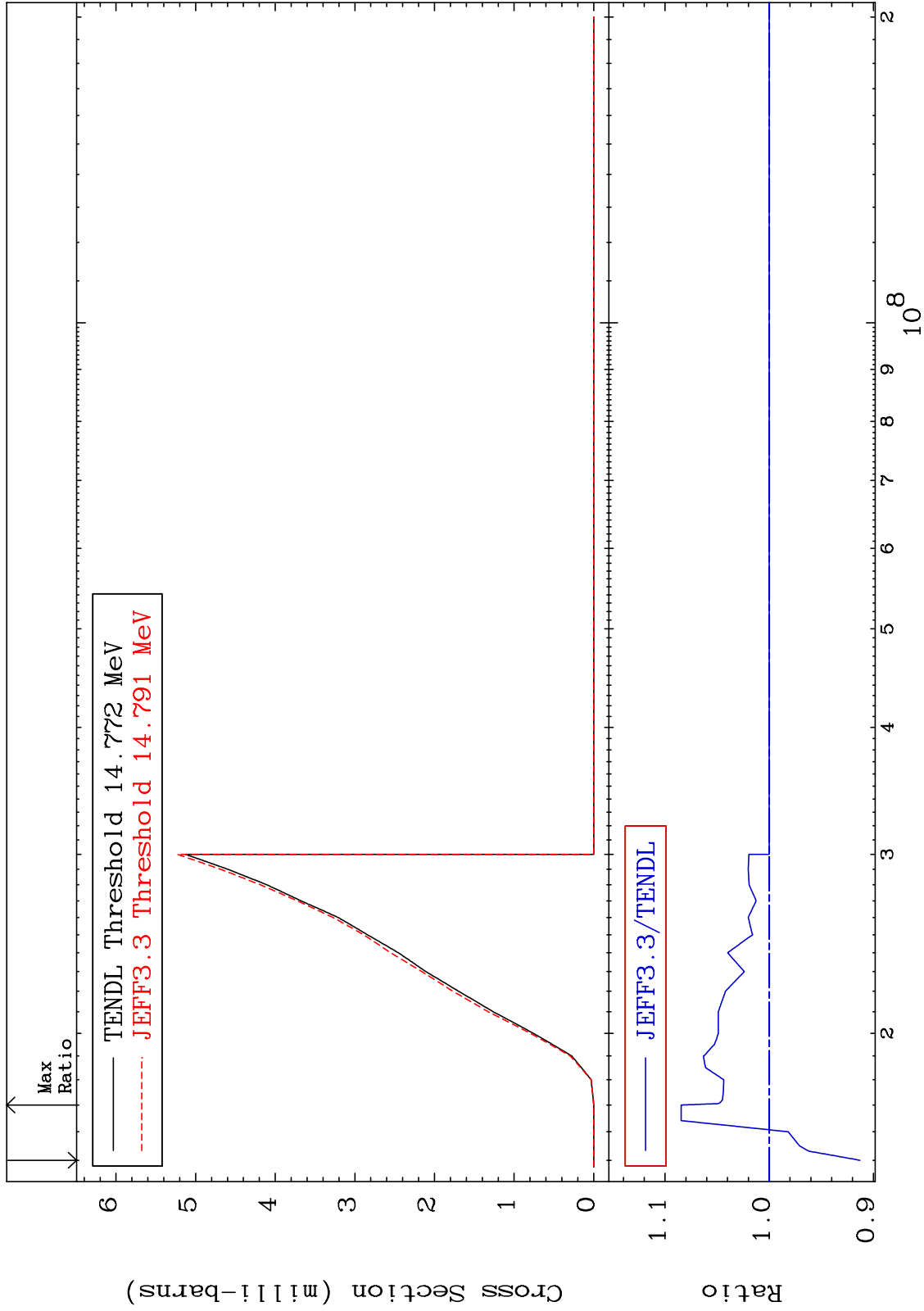
Cross Section

0.000 To 2003. %

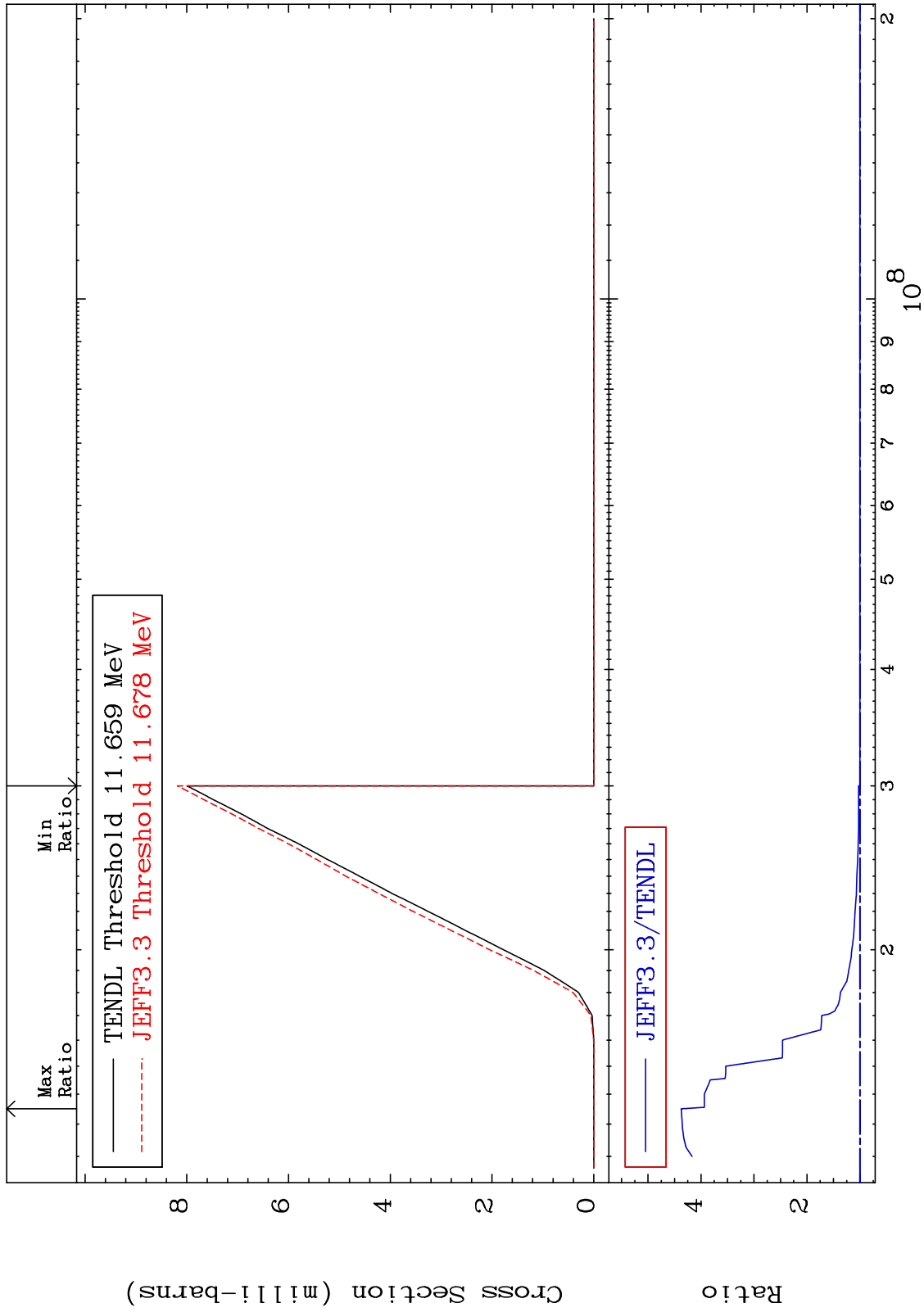


Cross Section

-8.708 To 8.447 %



MAT 1925 (n,d) α Cross Section 19-K -39 To 337.3 %



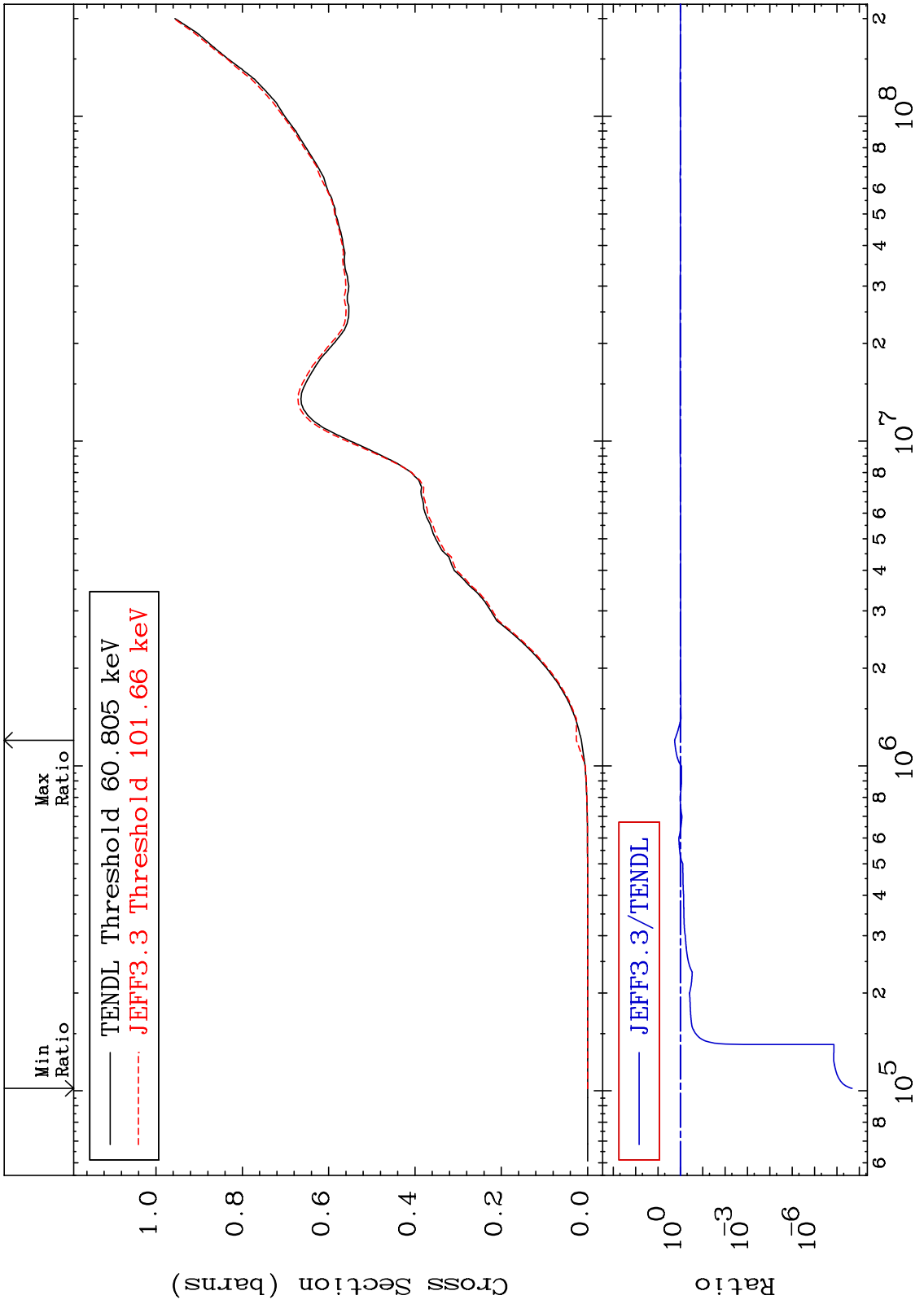
19-K -39

Incident Energy (eV)

MAT 1925

Hydrogen Production
Cross Section

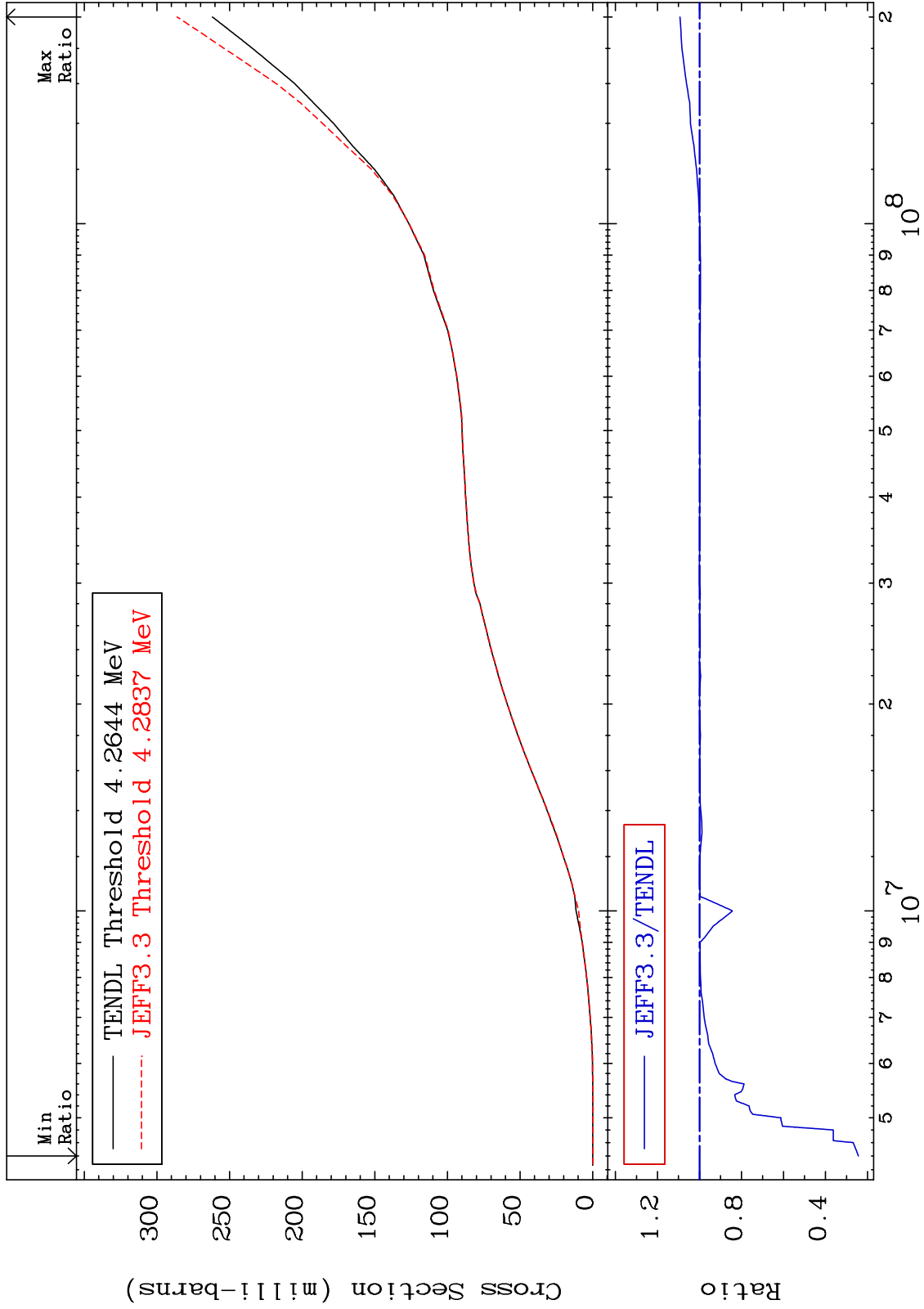
19-K -39
-100.0 To 81.00 %



MAT 1925

Deuterium Production
Cross Section

19-K -39
-75.66 To 9.272 %



60

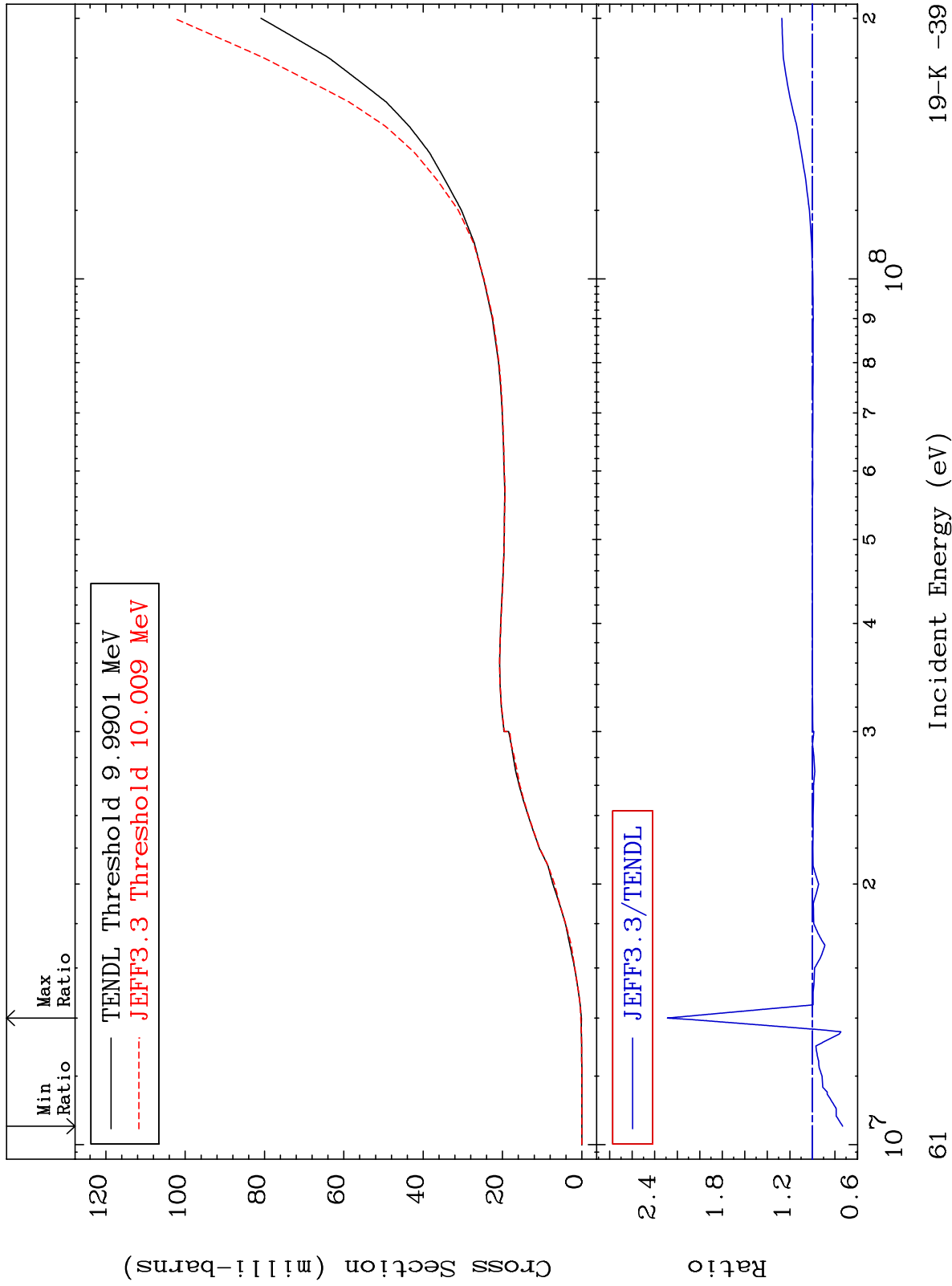
Incident Energy (eV)

19-K -39

MAT 1925

Tritium Production
Cross Section

19-K -39
-26.92 To 128.6 %



19-K -39

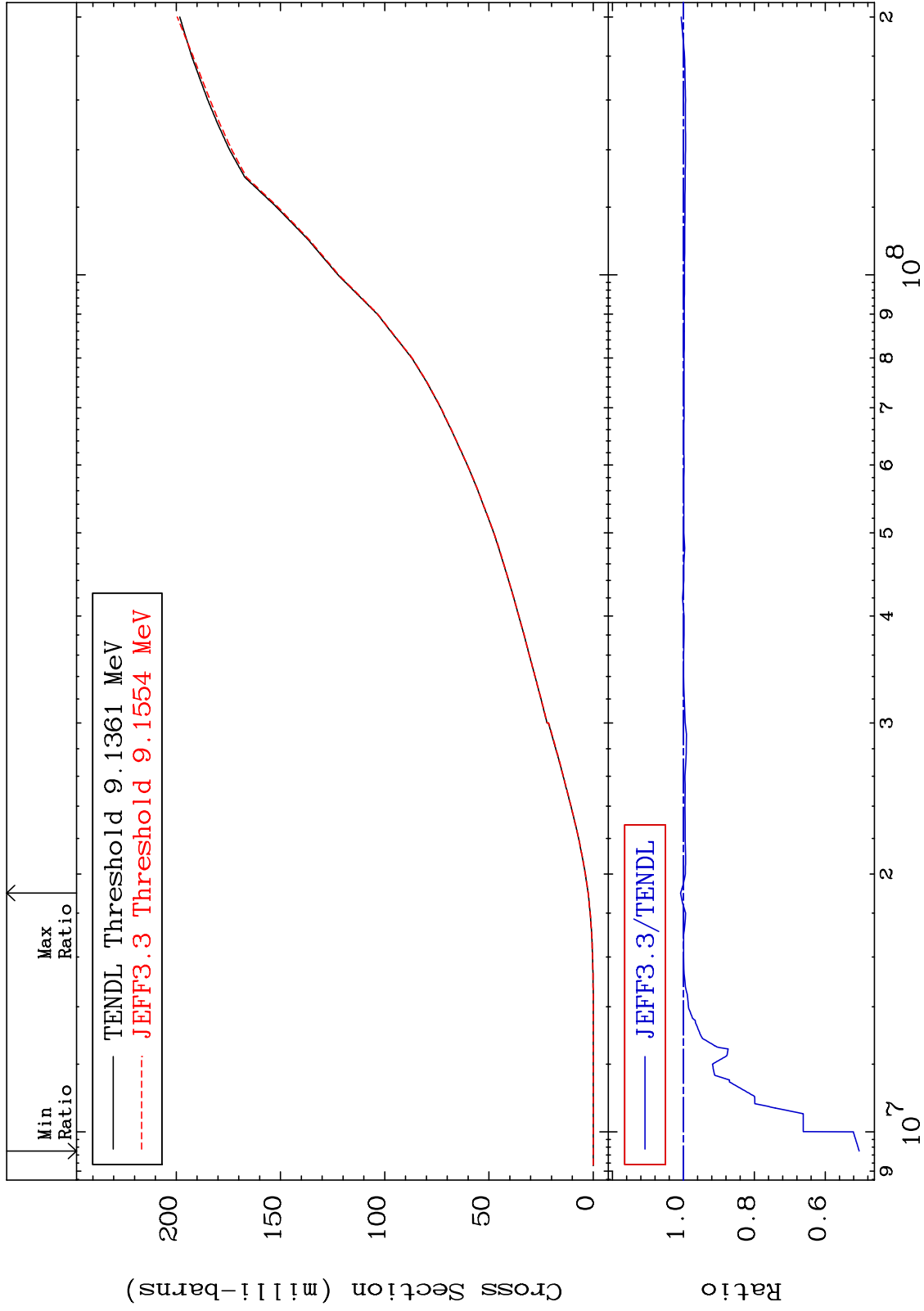
Incident Energy (eV)

61

MAT 1925

He-3 Production
Cross Section

19-K -39
-49.56 To 0.770 %



62

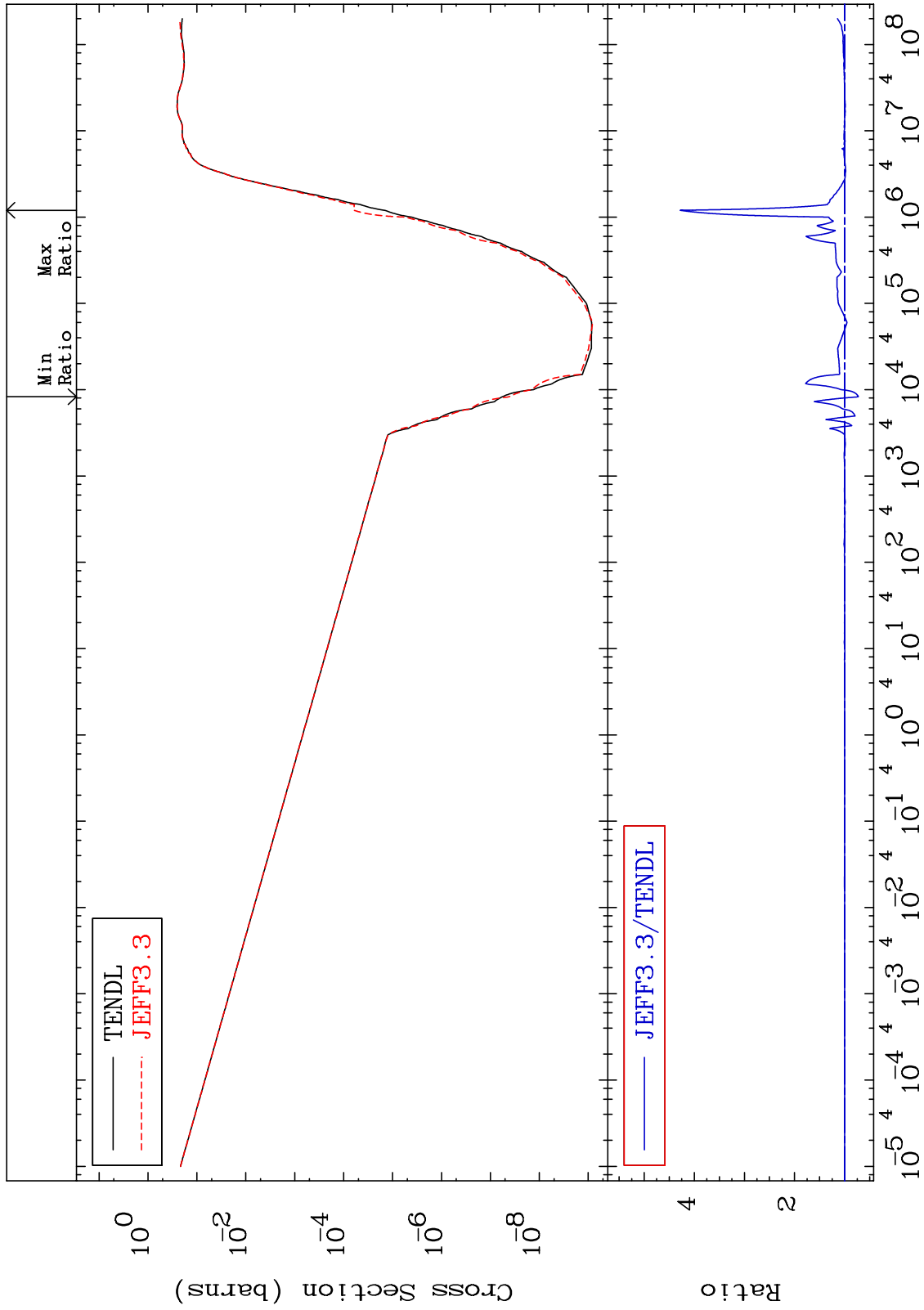
Incident Energy (eV)

19-K -39

MAT 1925

He-4 Production
Cross Section

19-K -39
-27.42 To 328.5 %



63

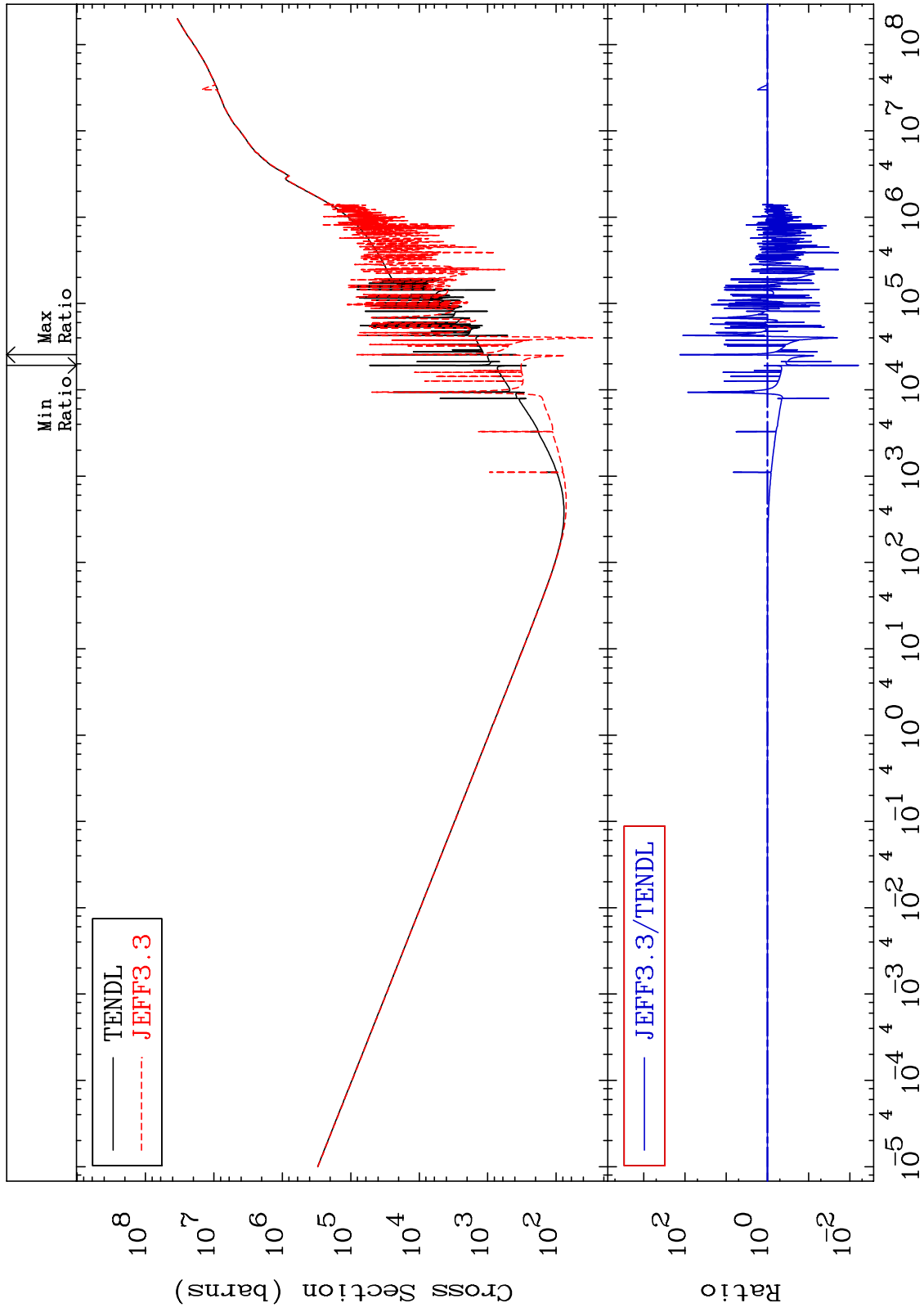
Incident Energy (eV)

19-K -39

MAT 1925

Kerma total (eV-barns)
Cross Section

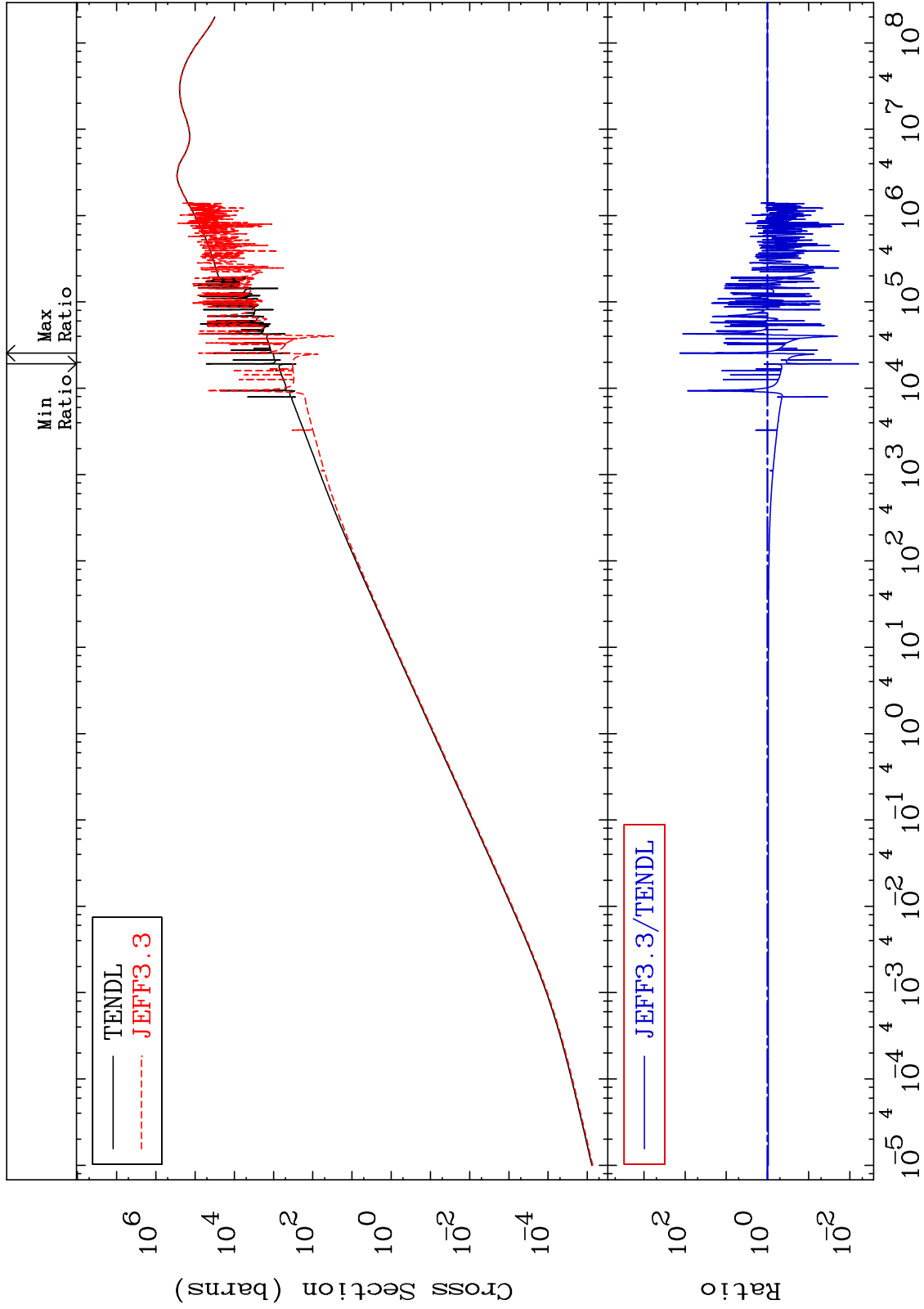
19-K -39
-99.38 To 9999. %



MAT 1925

Kerma elastic
Cross Section

19-K -39
-99.38 To 9999. %



65

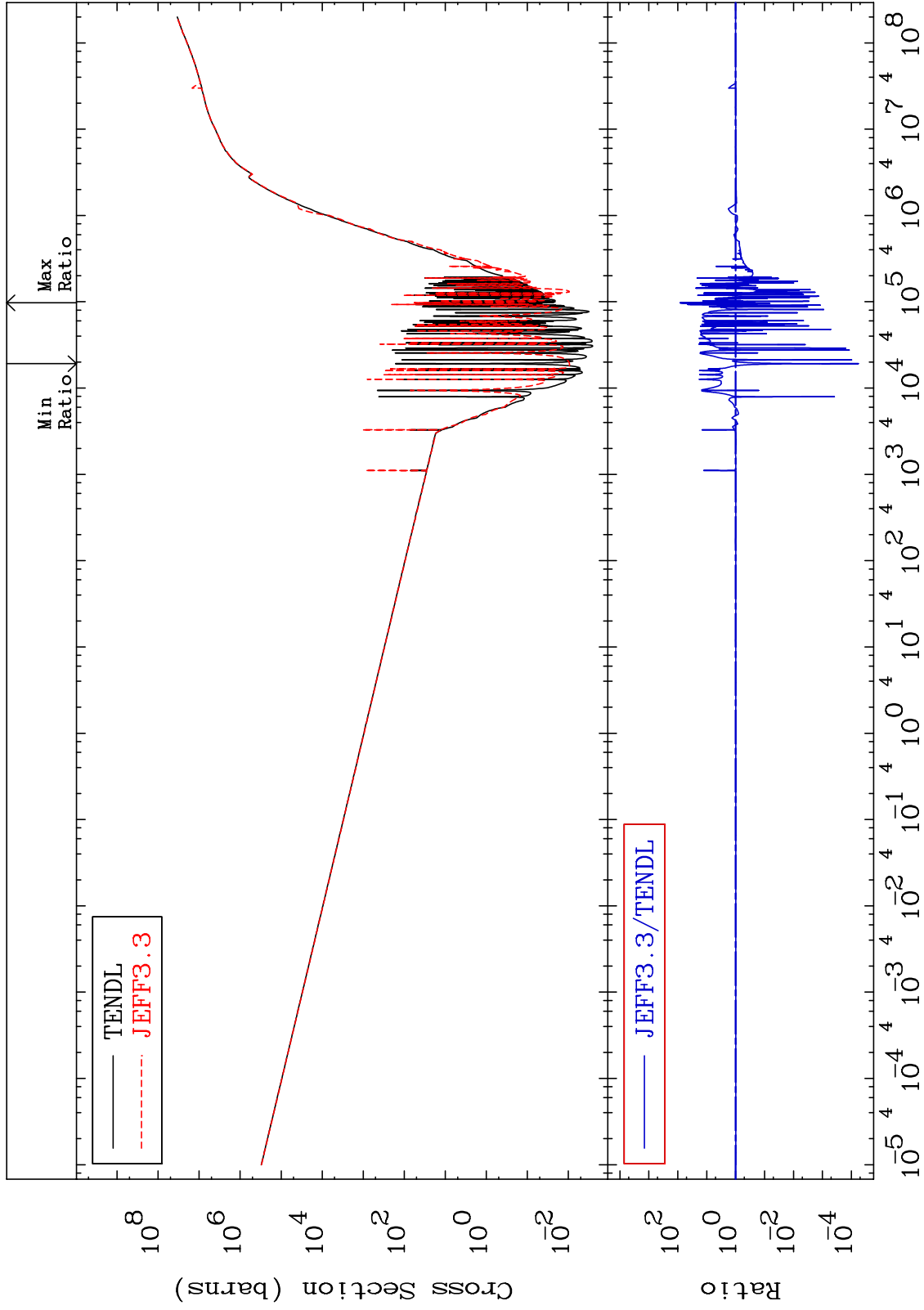
Incident Energy (eV)

19-K -39

MAT 1925

Kerma non-elastic (all but mt2)
Cross Section

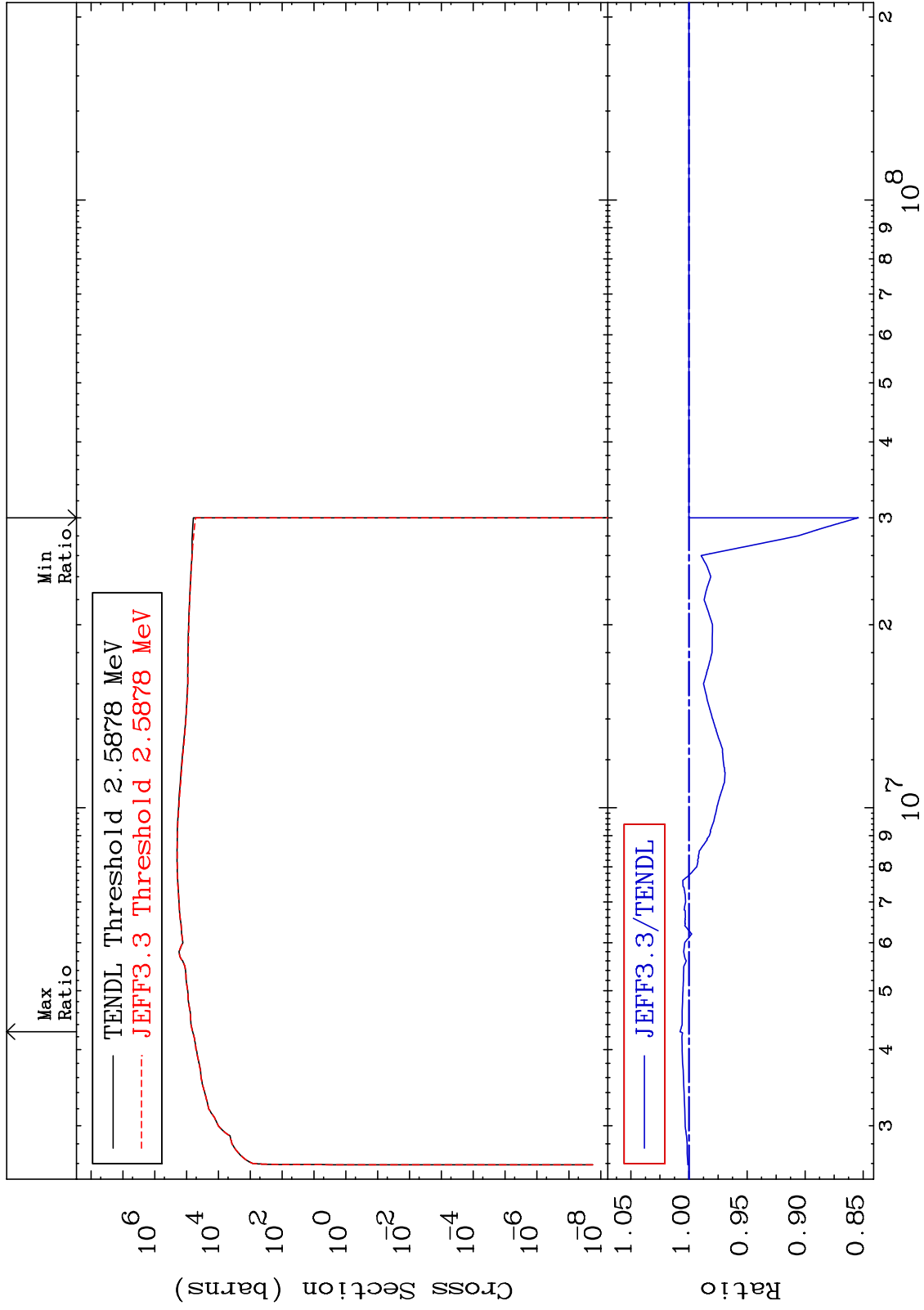
19-K -39
-99.99 To 8264. %



MAT 1925

Kerma inelastic (mt51-91)
Cross Section

19-K -39
-14.59 To 0.773 %



67

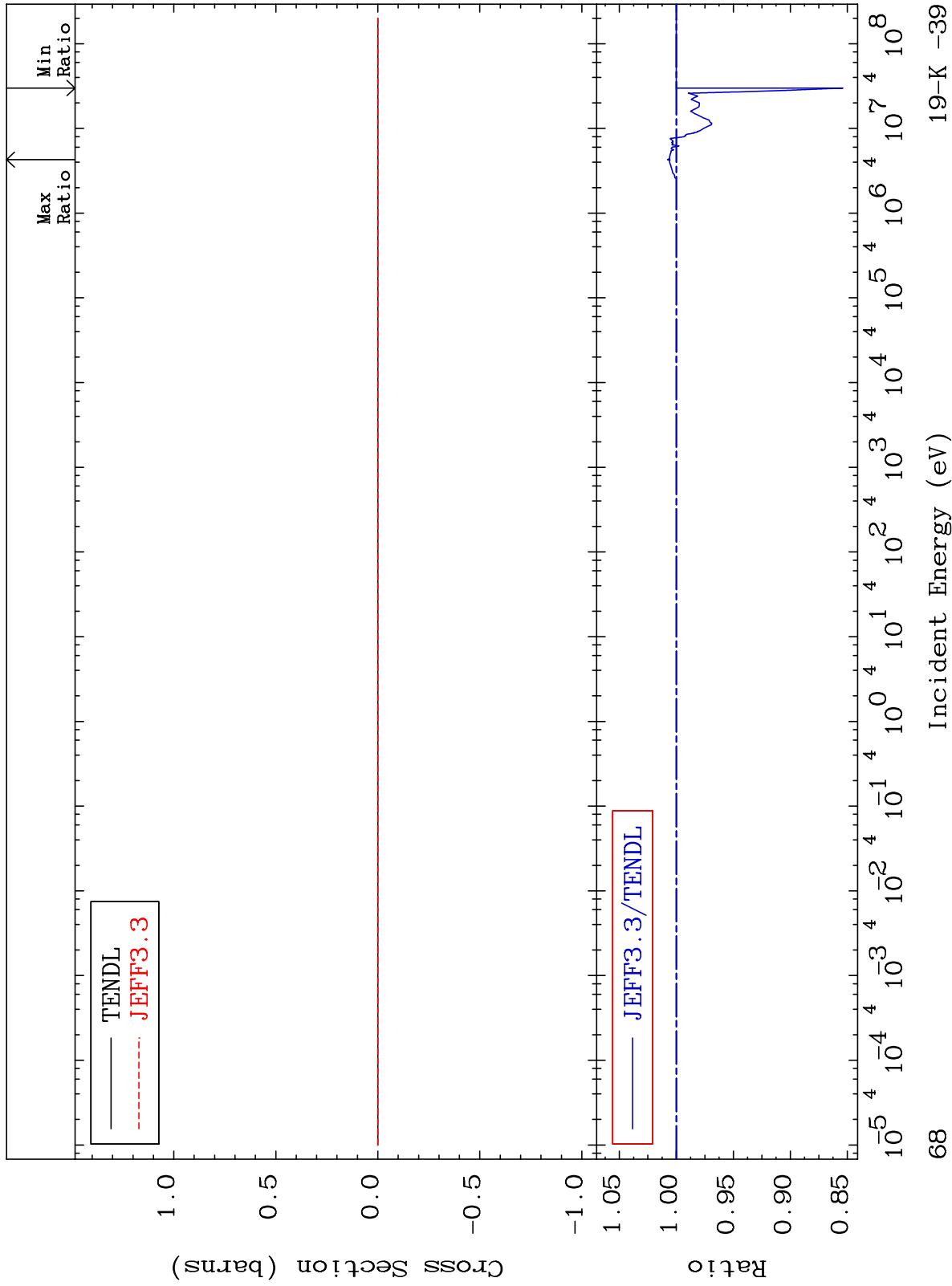
Incident Energy (eV)

19-K -39

MAT 1925

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

19-K -39
-14.59 To 0.773 %



68

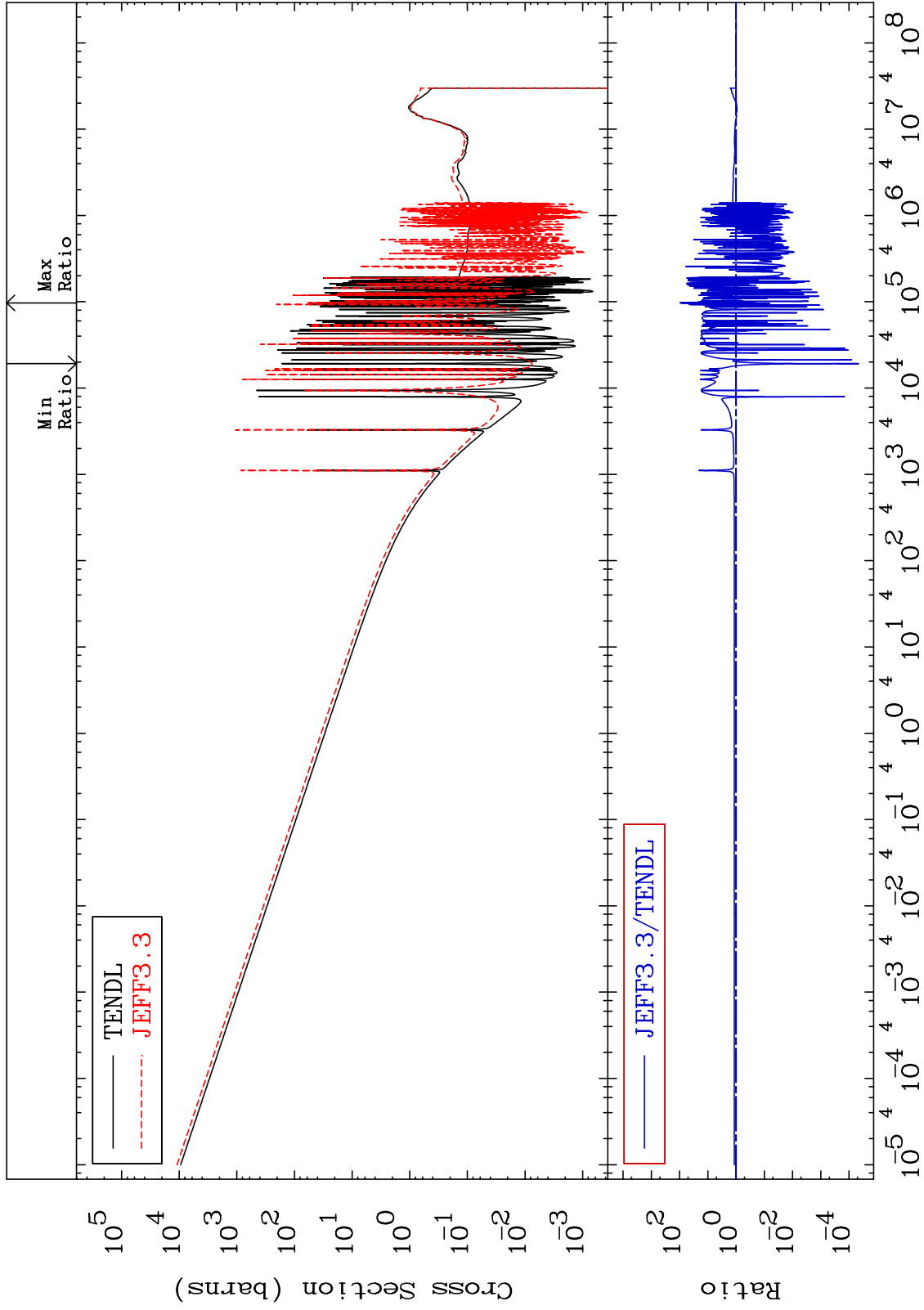
Incident Energy (eV)

19-K -39

MAT 1925

Kerma capture (mt102)
Cross Section

19-K -39
-100.0 To 9524. %



69

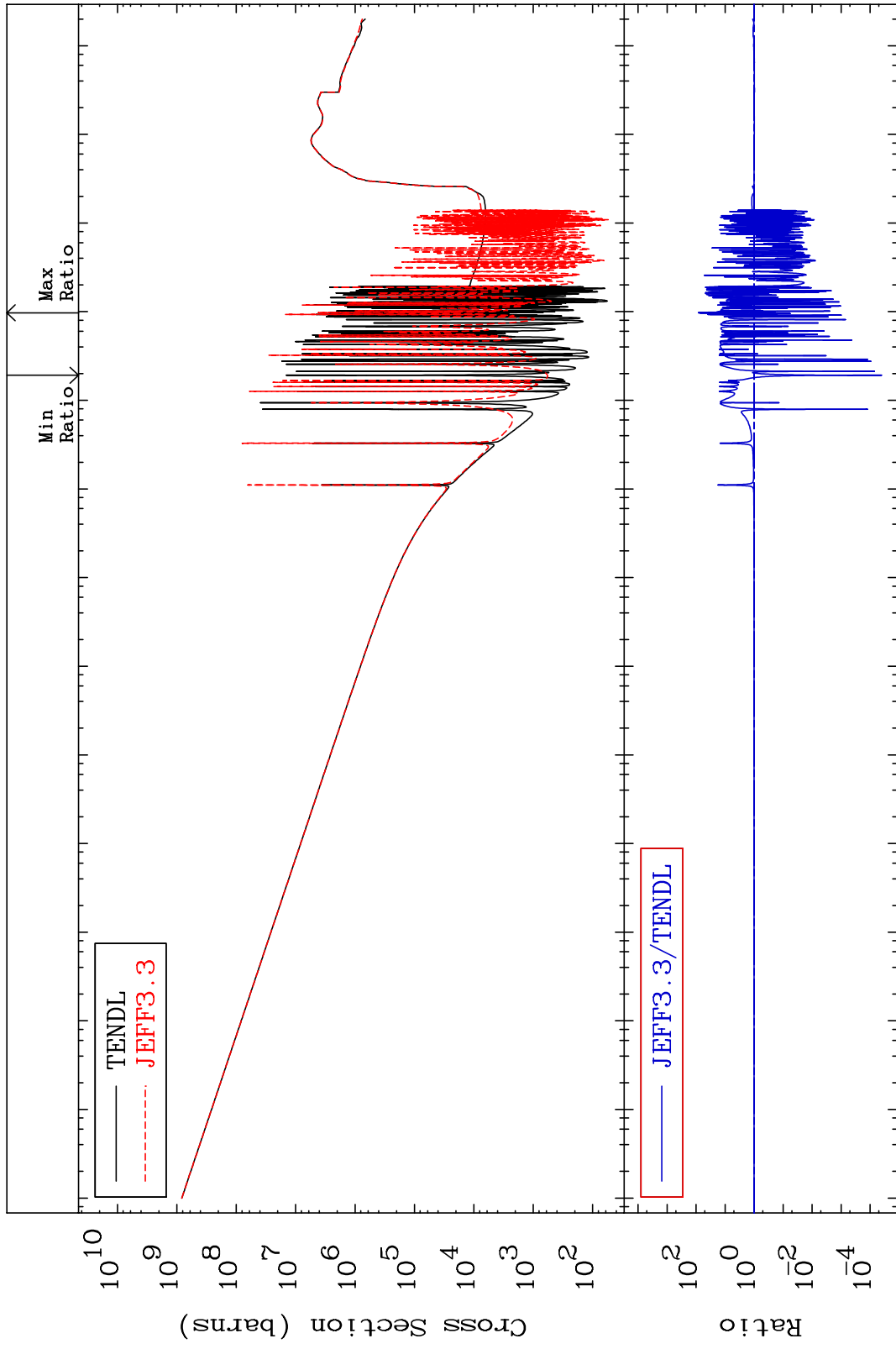
Incident Energy (eV)

19-K -39

MAT 1925

Total photon (eV-barns)
Cross Section

19-K -39
-100.0 To 8238. %



70

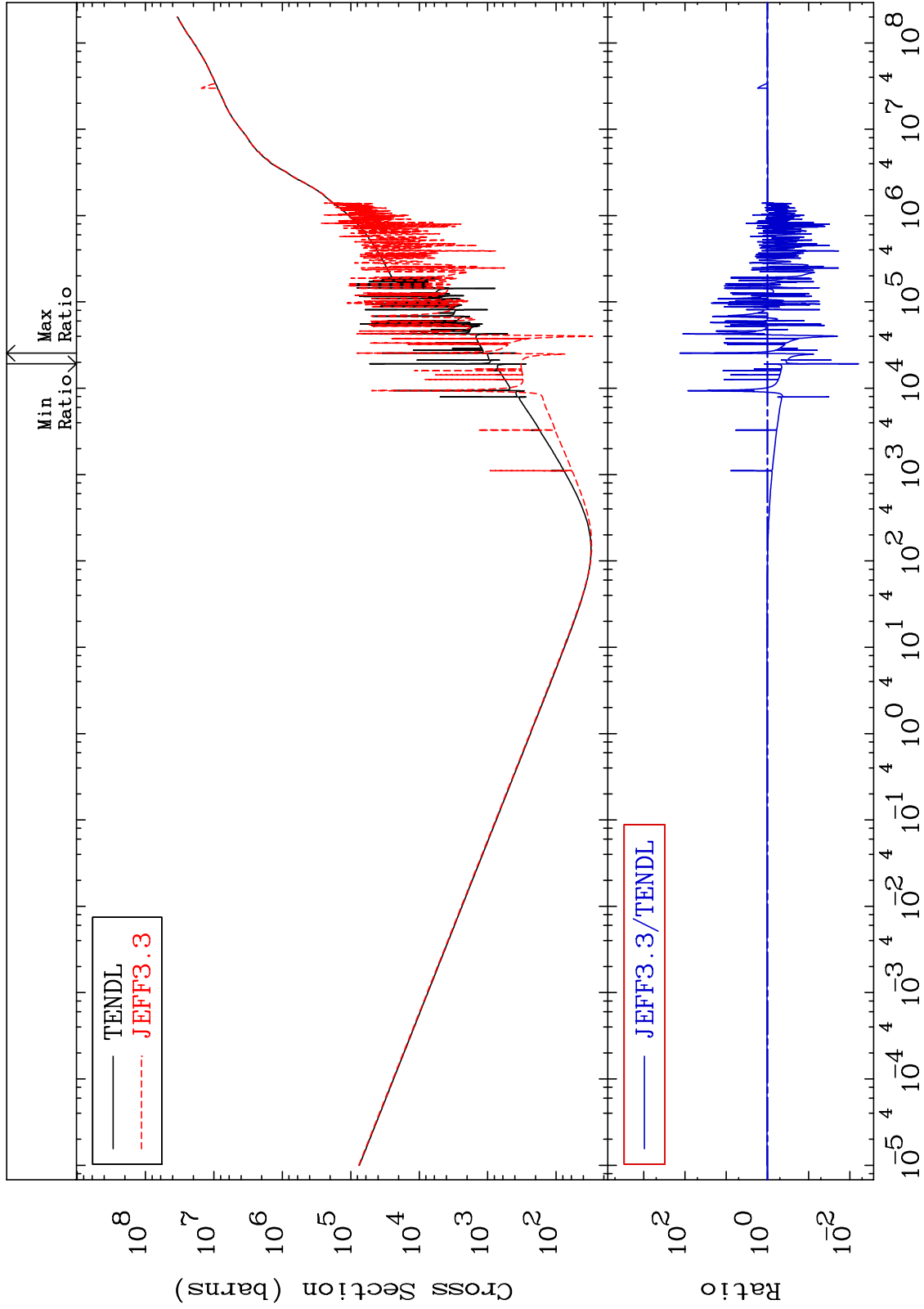
Incident Energy (eV)

19-K -39

MAT 1925

Total kinematic kerma (high limit)
Cross Section

19-K -39
-99.38 To 9999. %



71

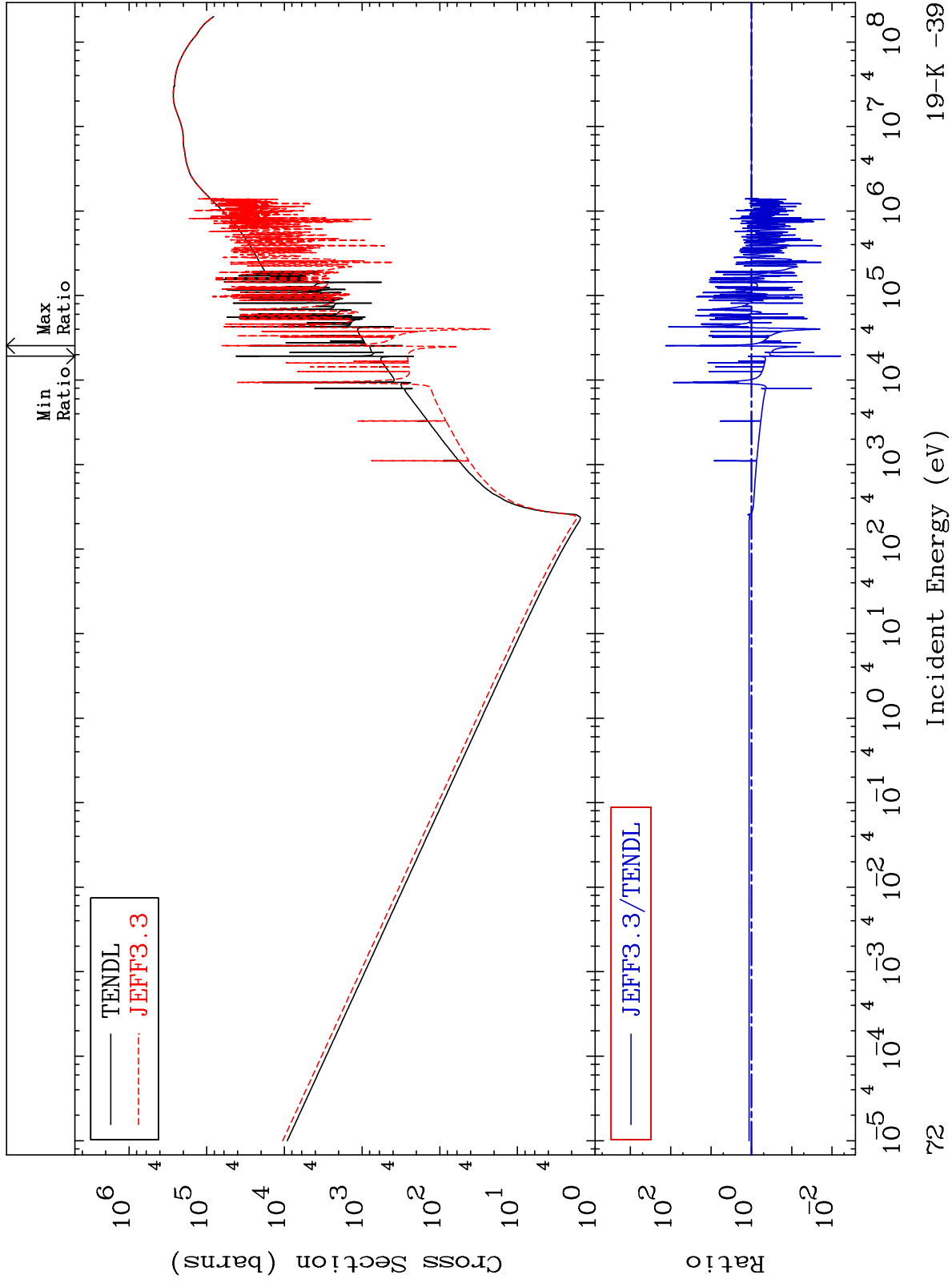
Incident Energy (eV)

19-K -39

MAT 1925

Dpa total (eV-barns)
Cross Section

19-K -39
-99.38 To 9999. %



72

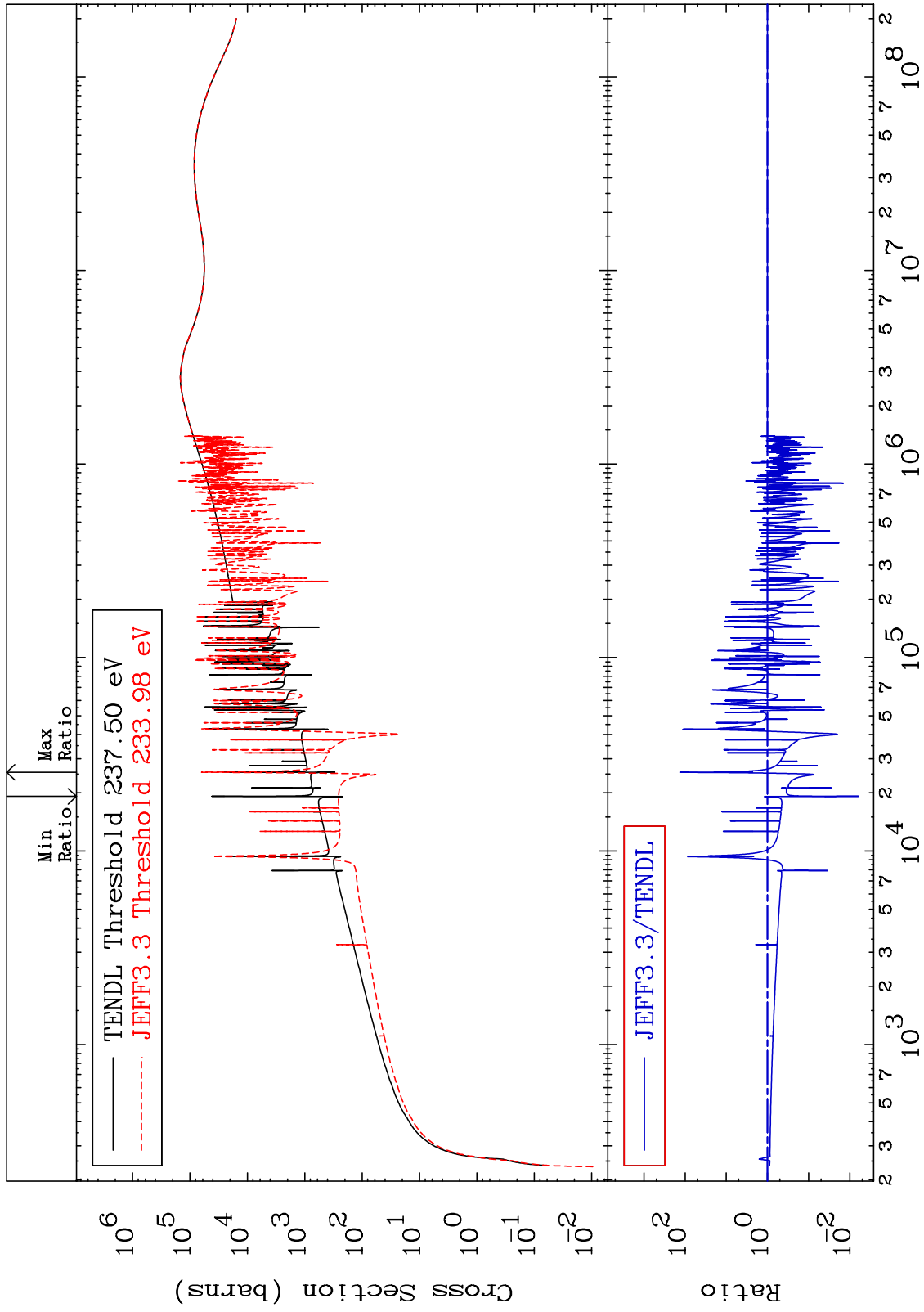
Incident Energy (eV)

19-K -39

MAT 1925

Dpa elastic (mt2)
Cross Section

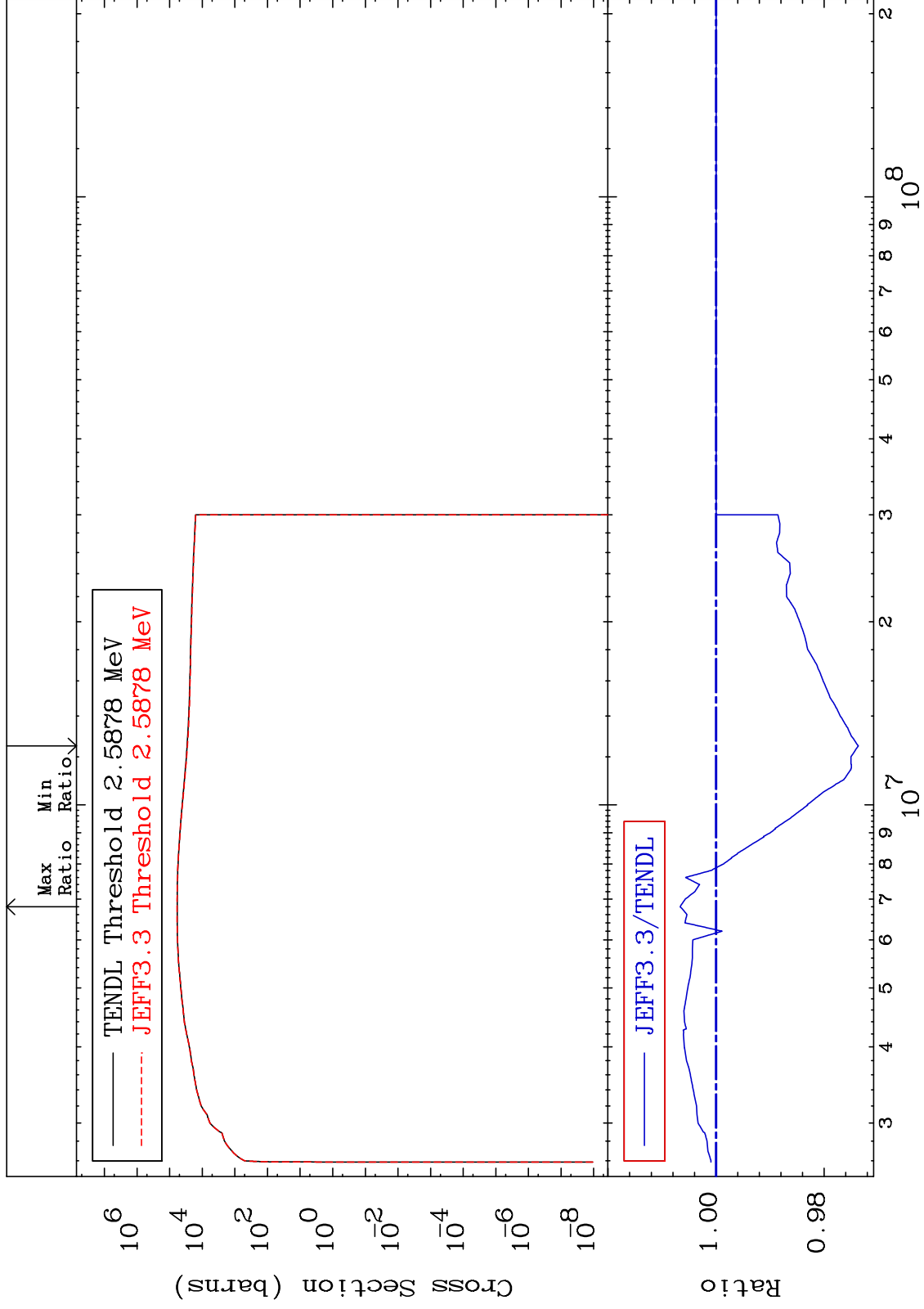
19-K -39
-99.38 To 9999. %



73

Incident Energy (eV)

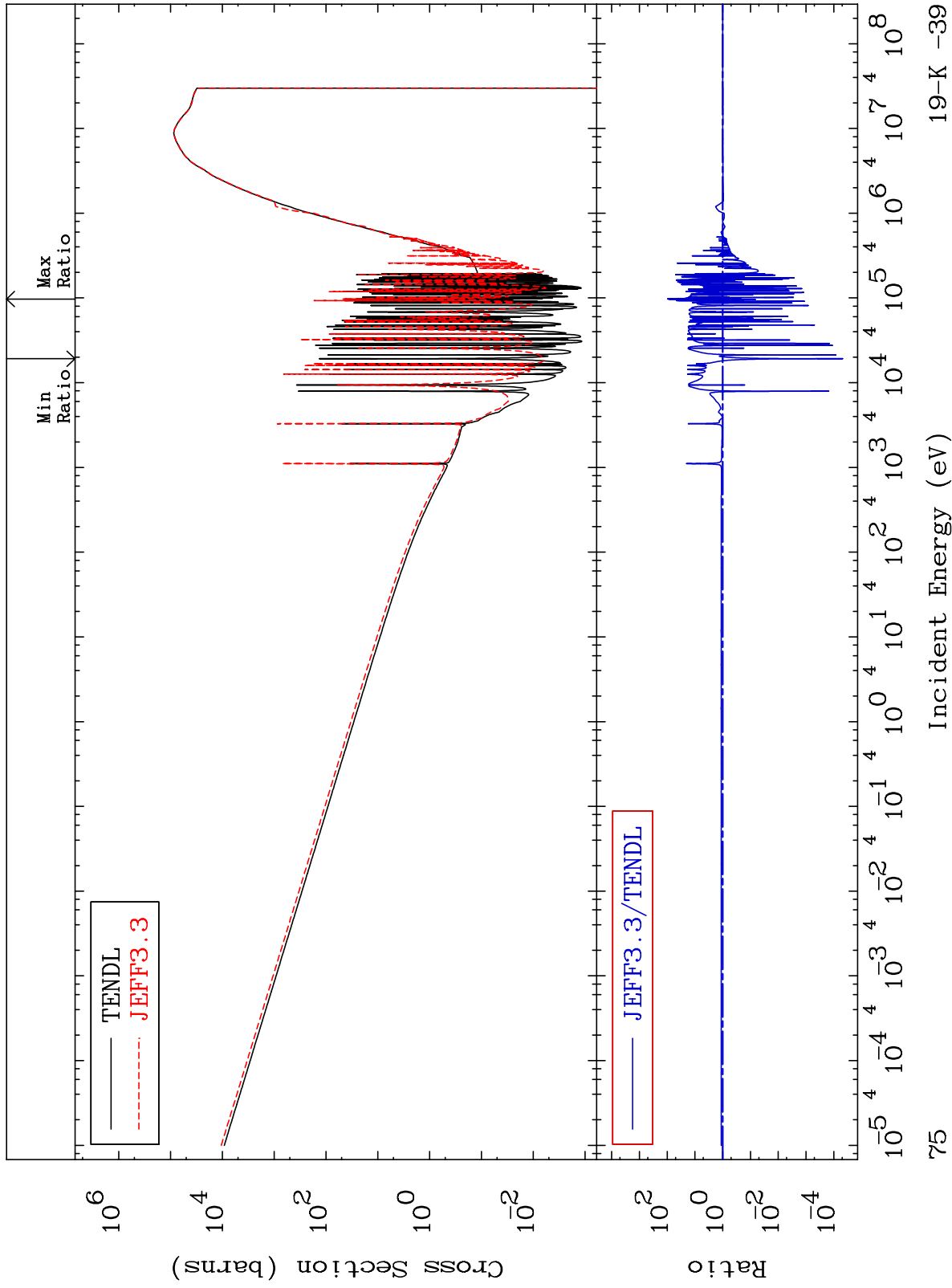
19-K -39



MAT 1925

Dpa disappearance (mt102 -120)
Cross Section

19-K -39
-100.0 To 9627. %

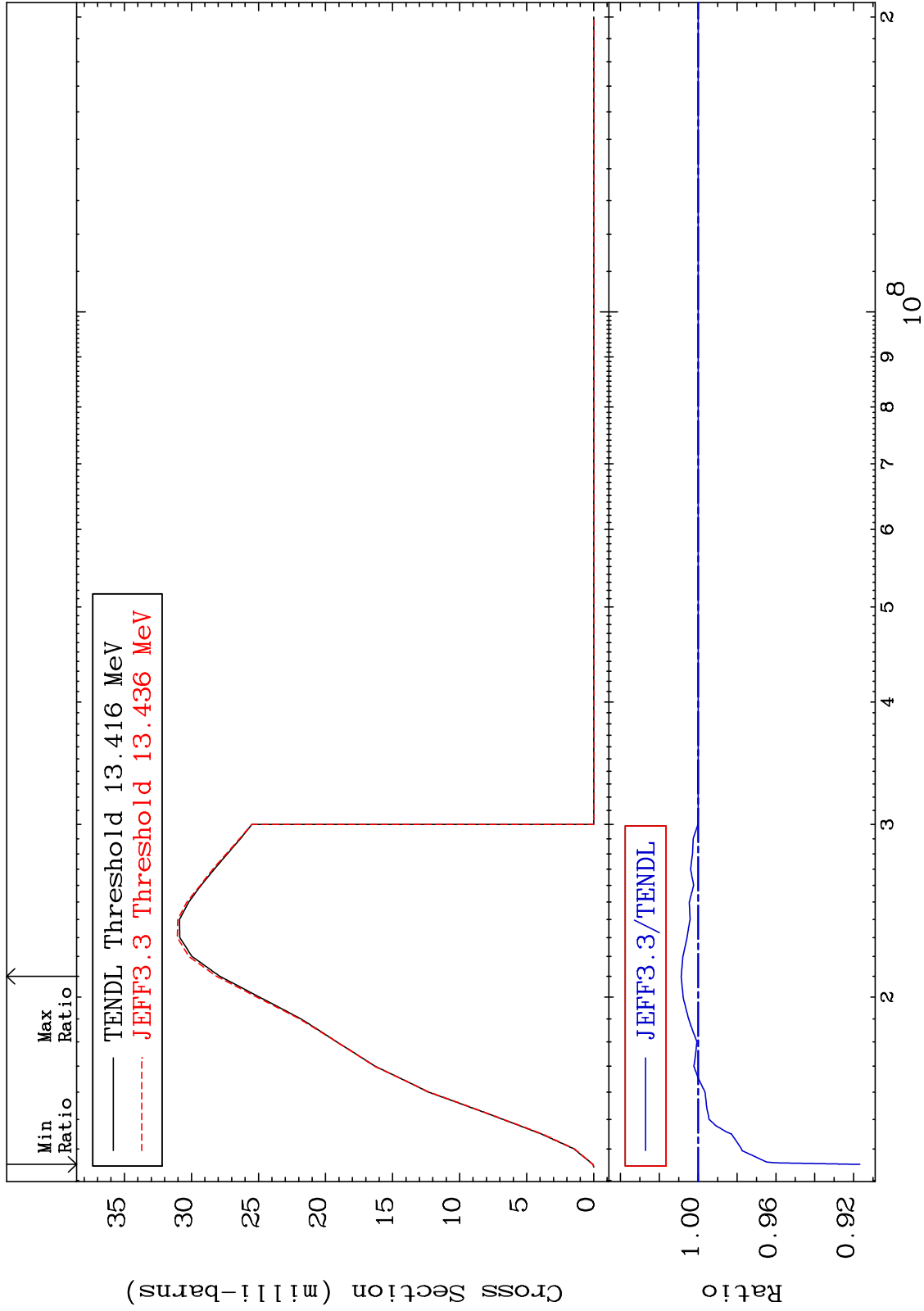


75

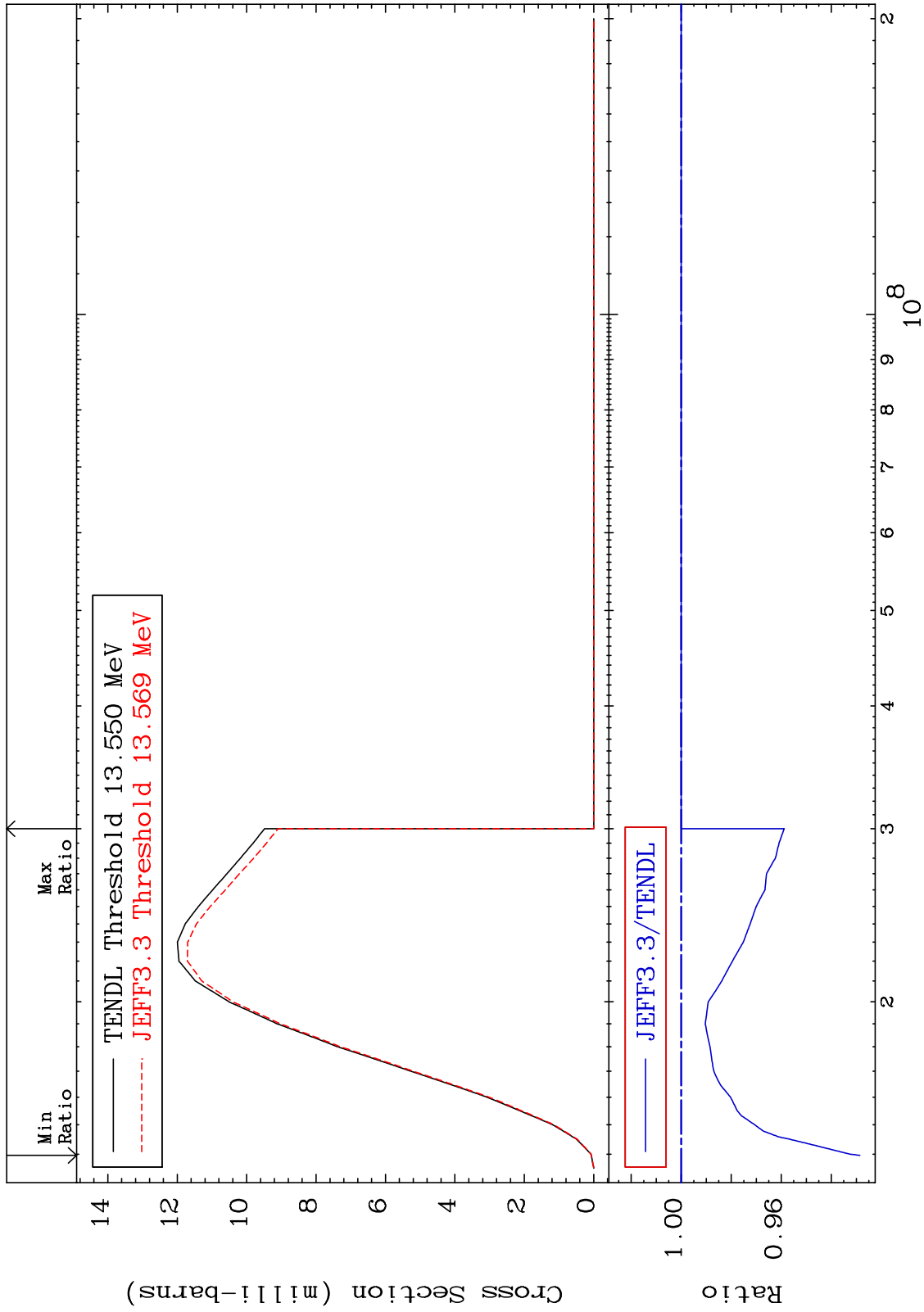
Incident Energy (eV)

19-K -39

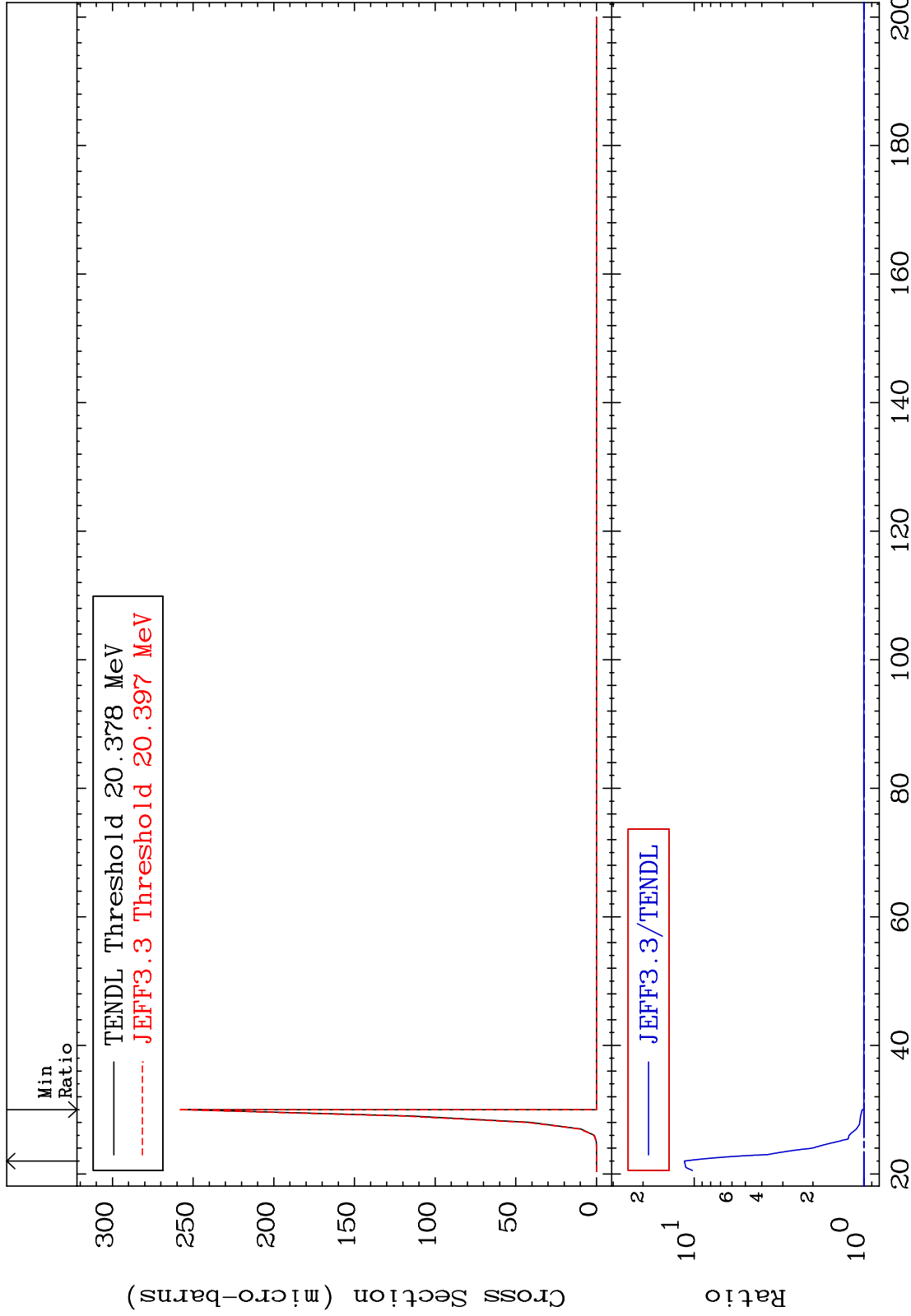
Radionuclide Production Cross Section -8.324 To 0.869 %



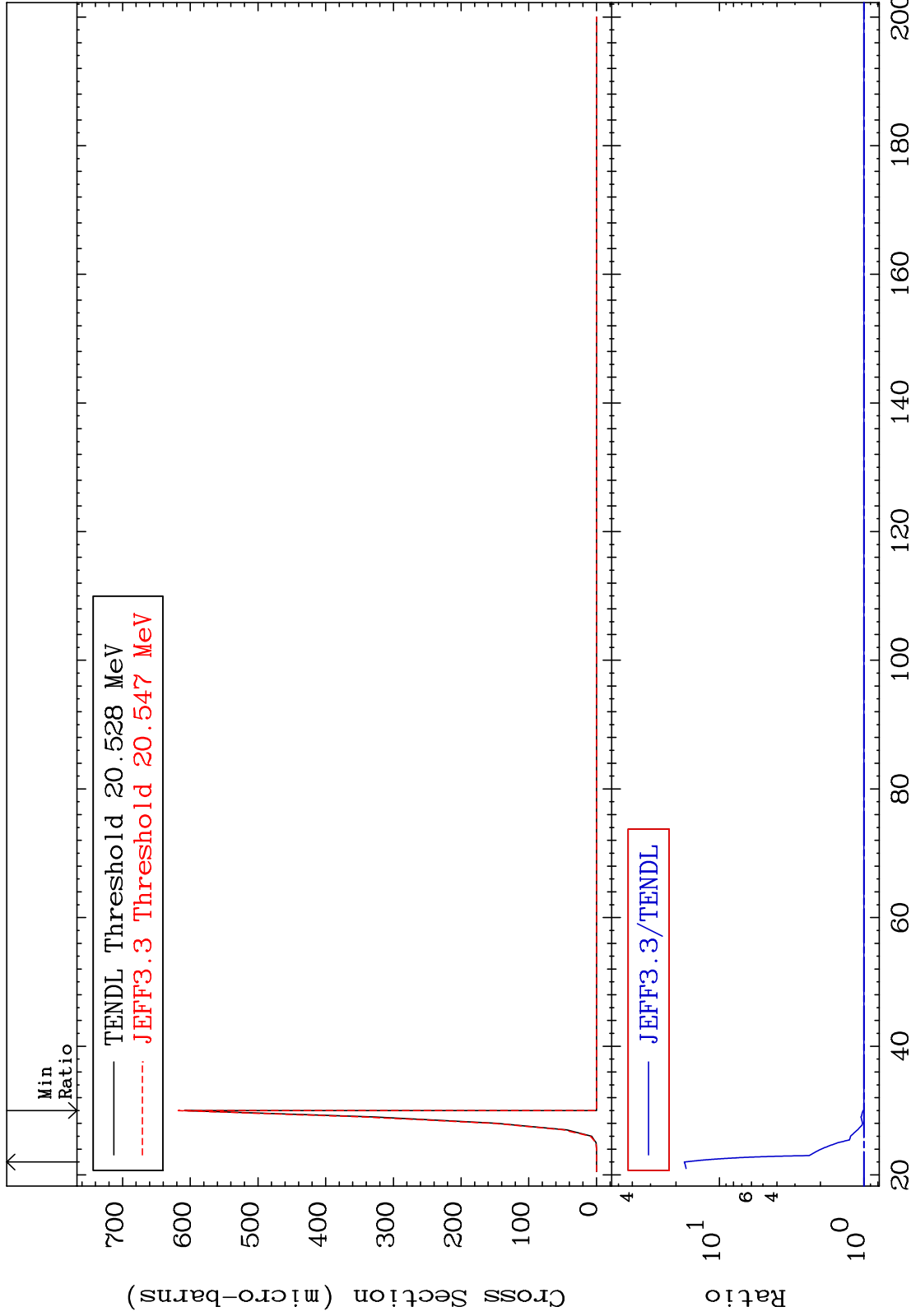
Radionuclide Production Cross Section -7.144 To 0.000 %



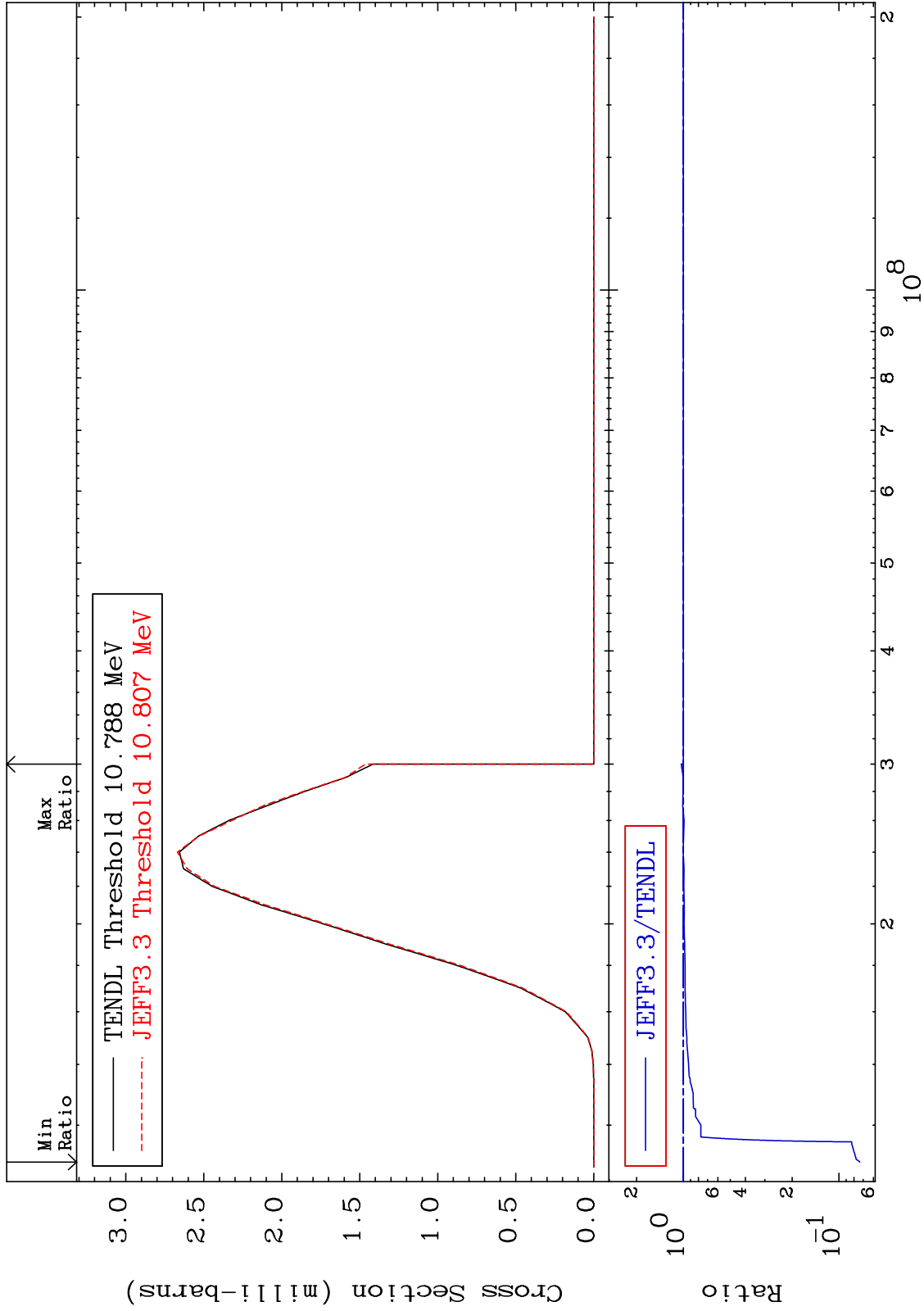
Radionuclide Production Cross Section 0.000 To 1043. %



Radionuclide Production Cross Section 0.000 To 1647. %



Radionuclide Production Cross Section -92.67 To 3.331 %



Radionuclide Production Cross Section -15.58 To 1.609 %

