

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

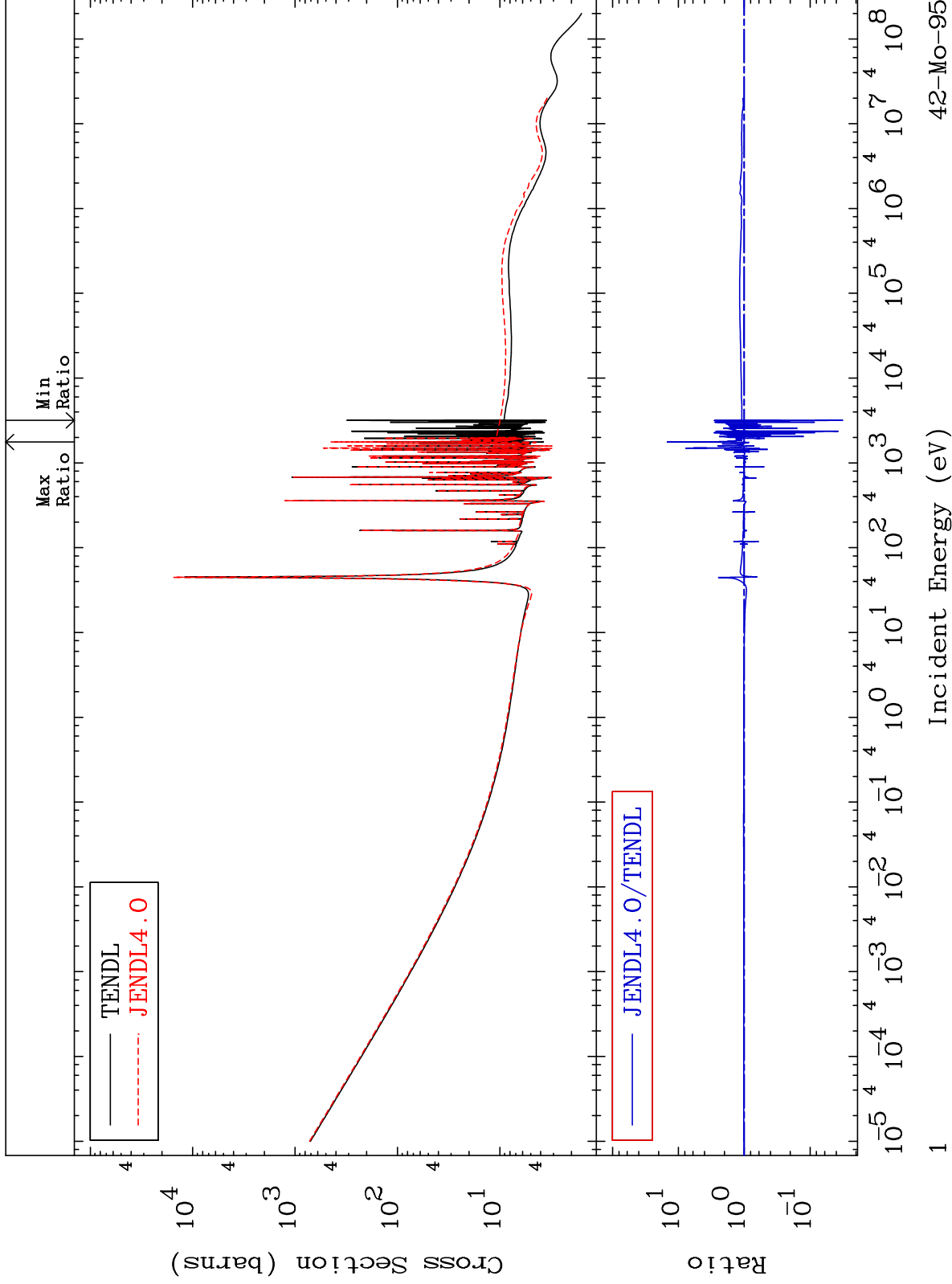
MAT 4234

Total

42-Mo-95

Cross Section

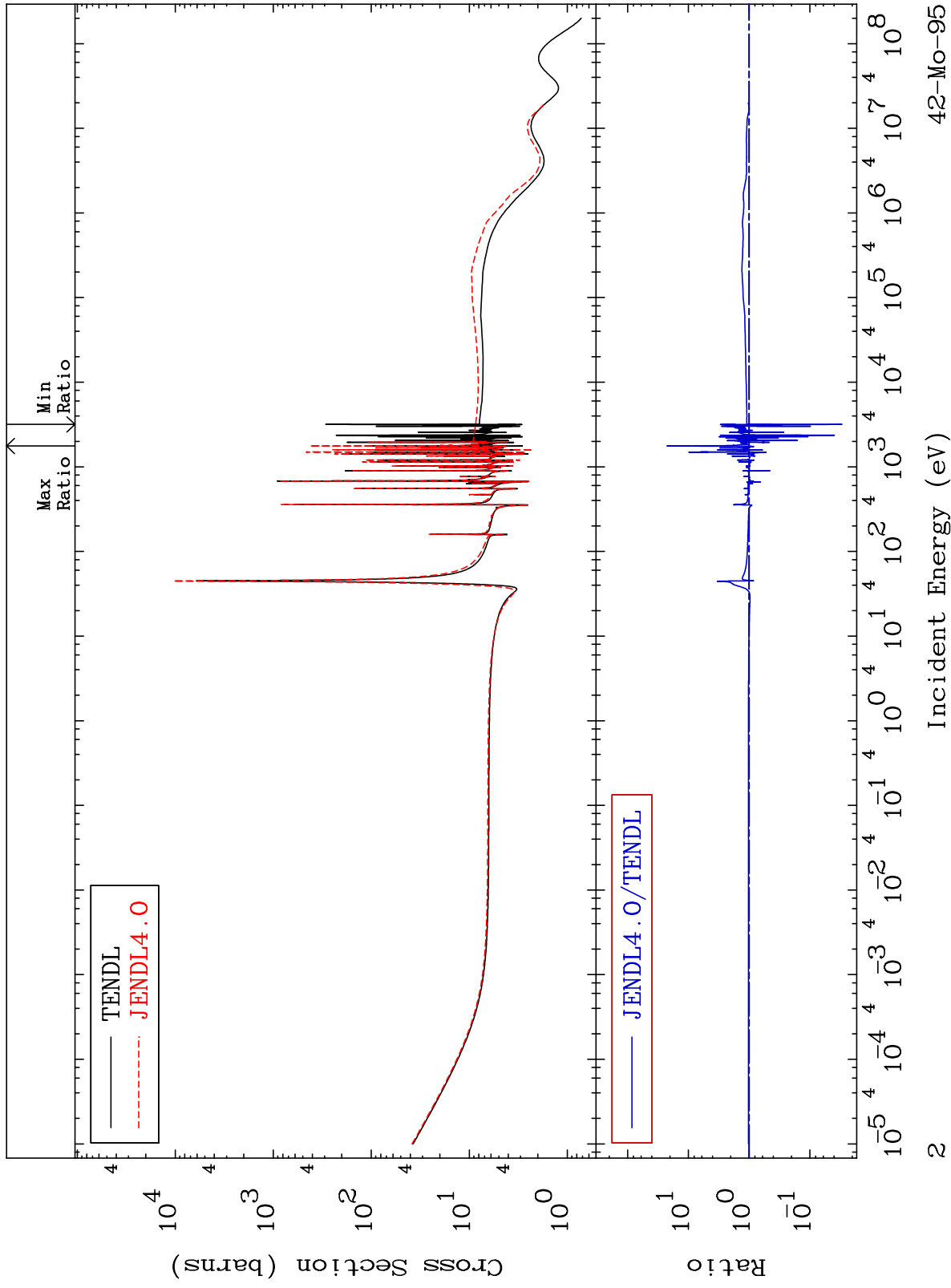
-96.79 To 1373. %



MAT 4234

Elastic
Cross Section

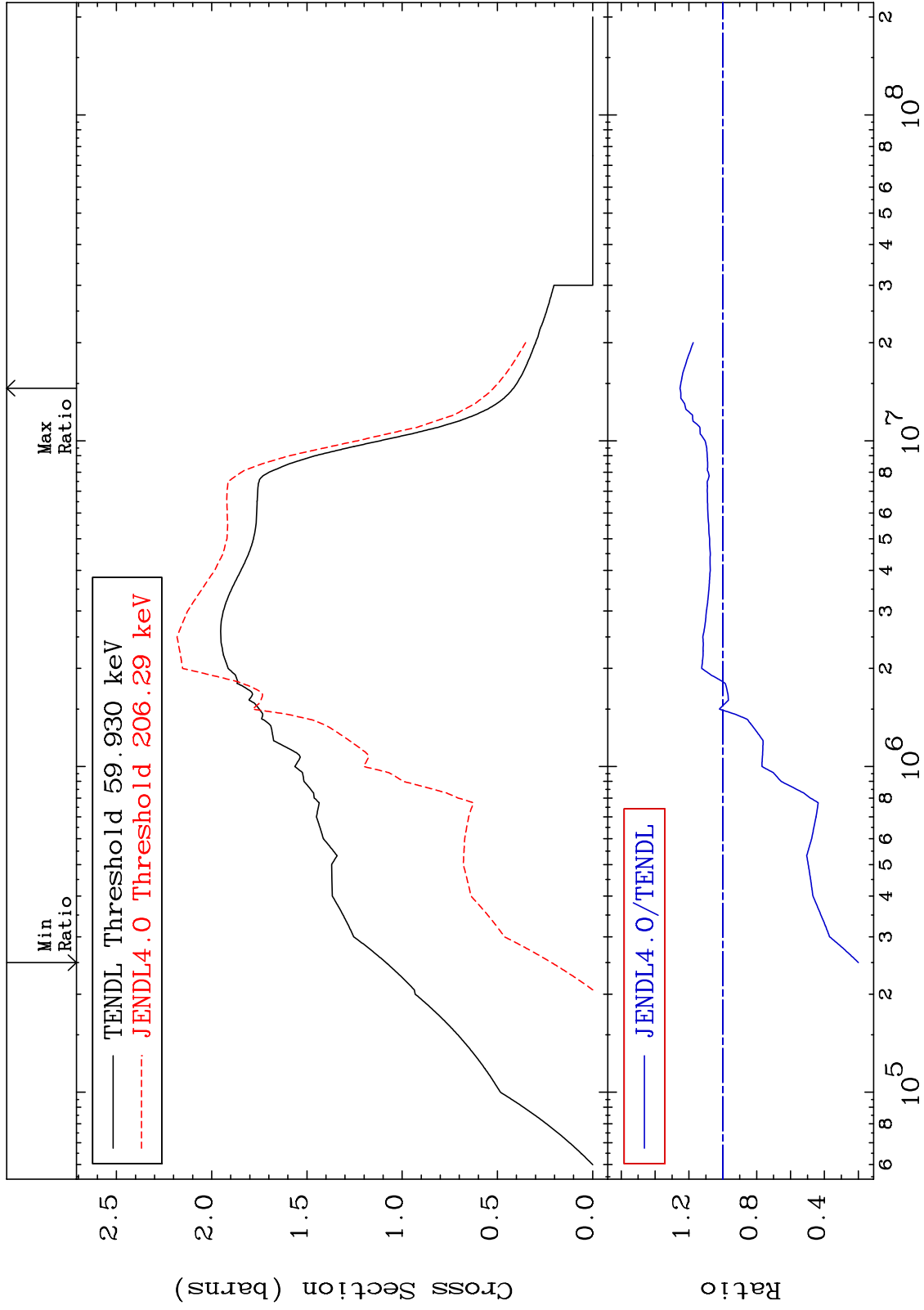
42-Mo-95
-97.03 To 2158. %



MAT 4234

Inelastic
Cross Section

42-Mo-95
-80.09 To 25.27 %



3

Incident Energy (eV)

42-Mo-95

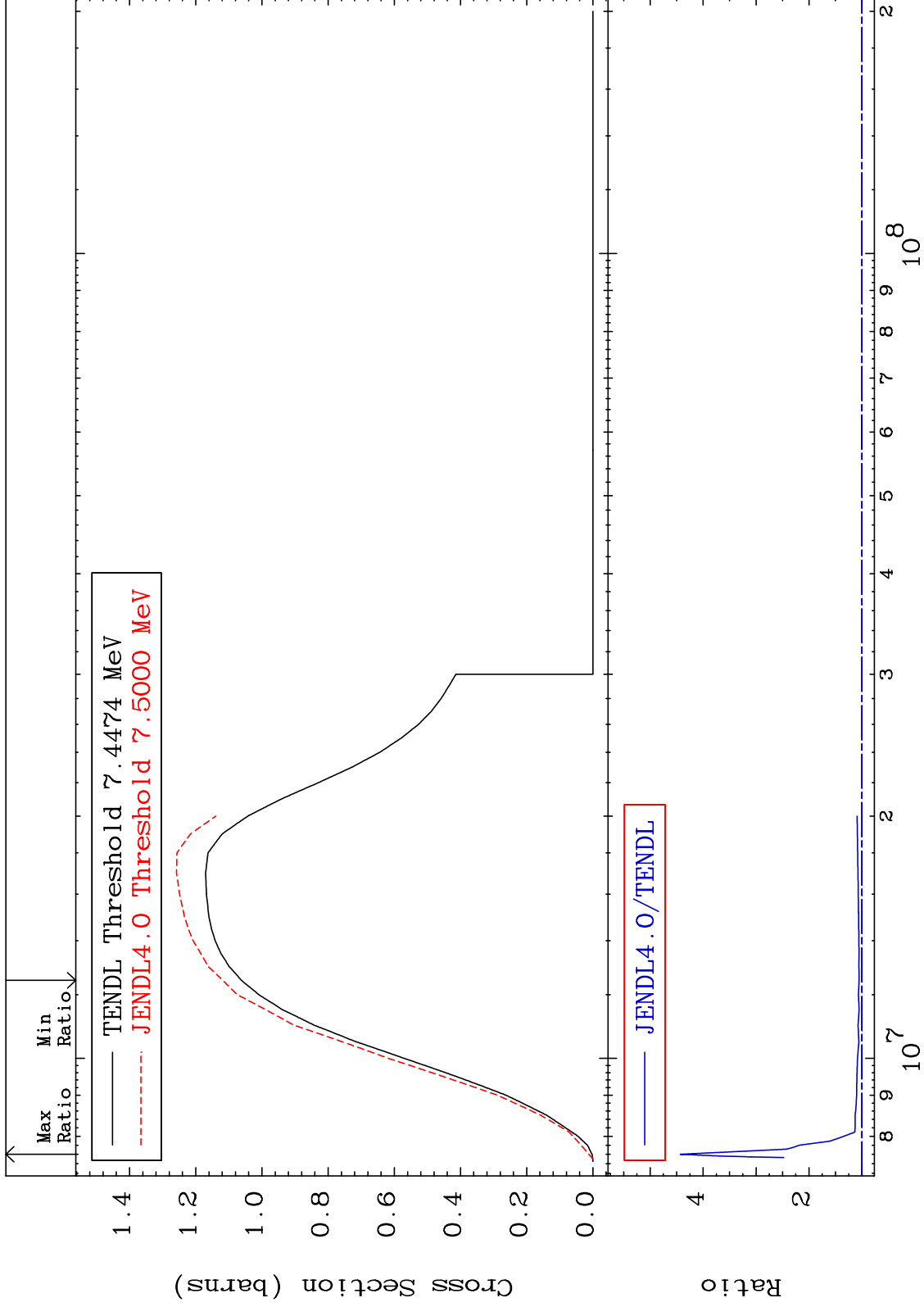
MAT 4234

(n,2n)

42-Mo-95

Cross Section

5.334 To 342.9 %



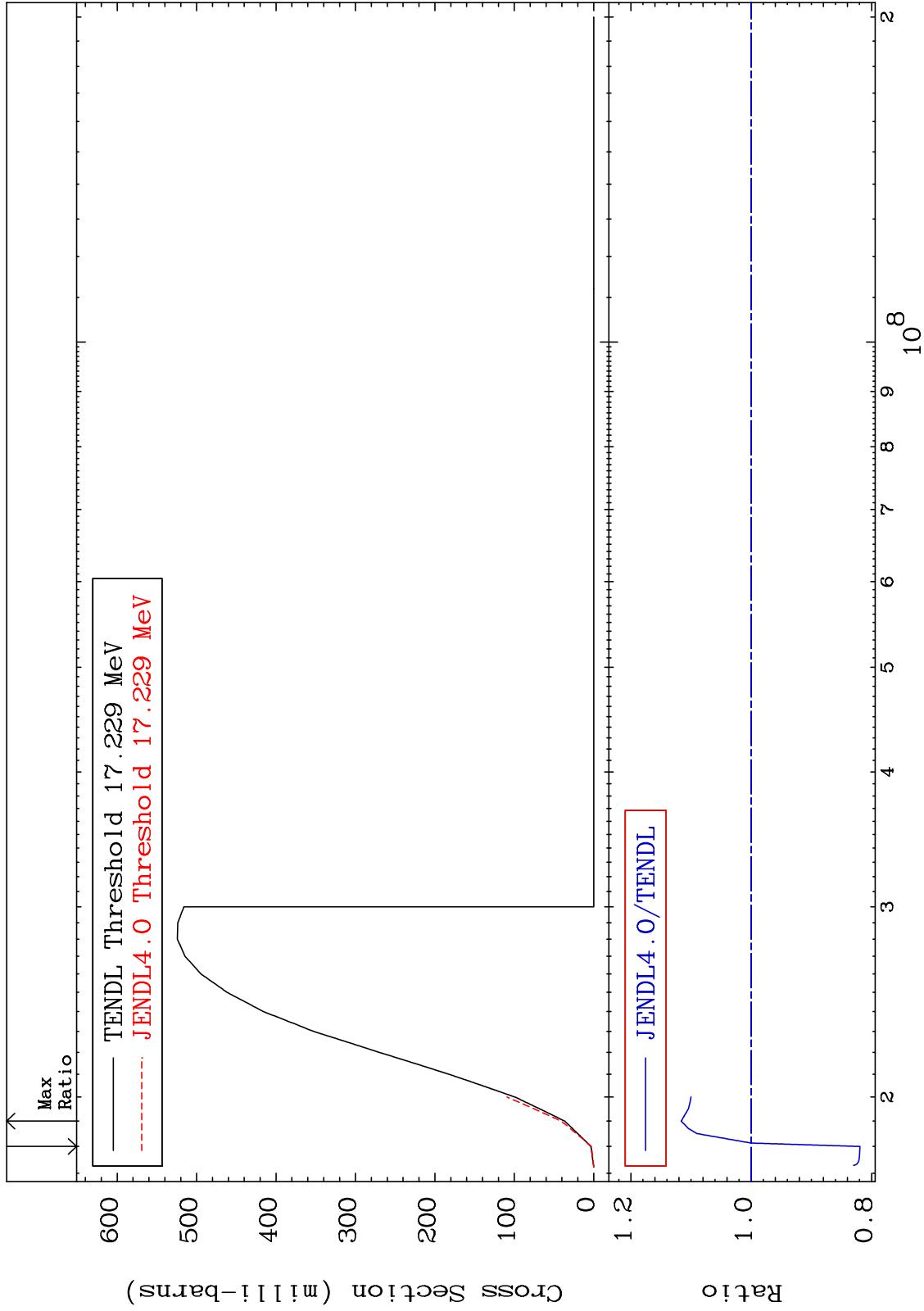
MAT 4234

(n,3n)

42-Mo-95

Cross Section

-18.06 To 11.63 %



5

Incident Energy (eV)

42-Mo-95

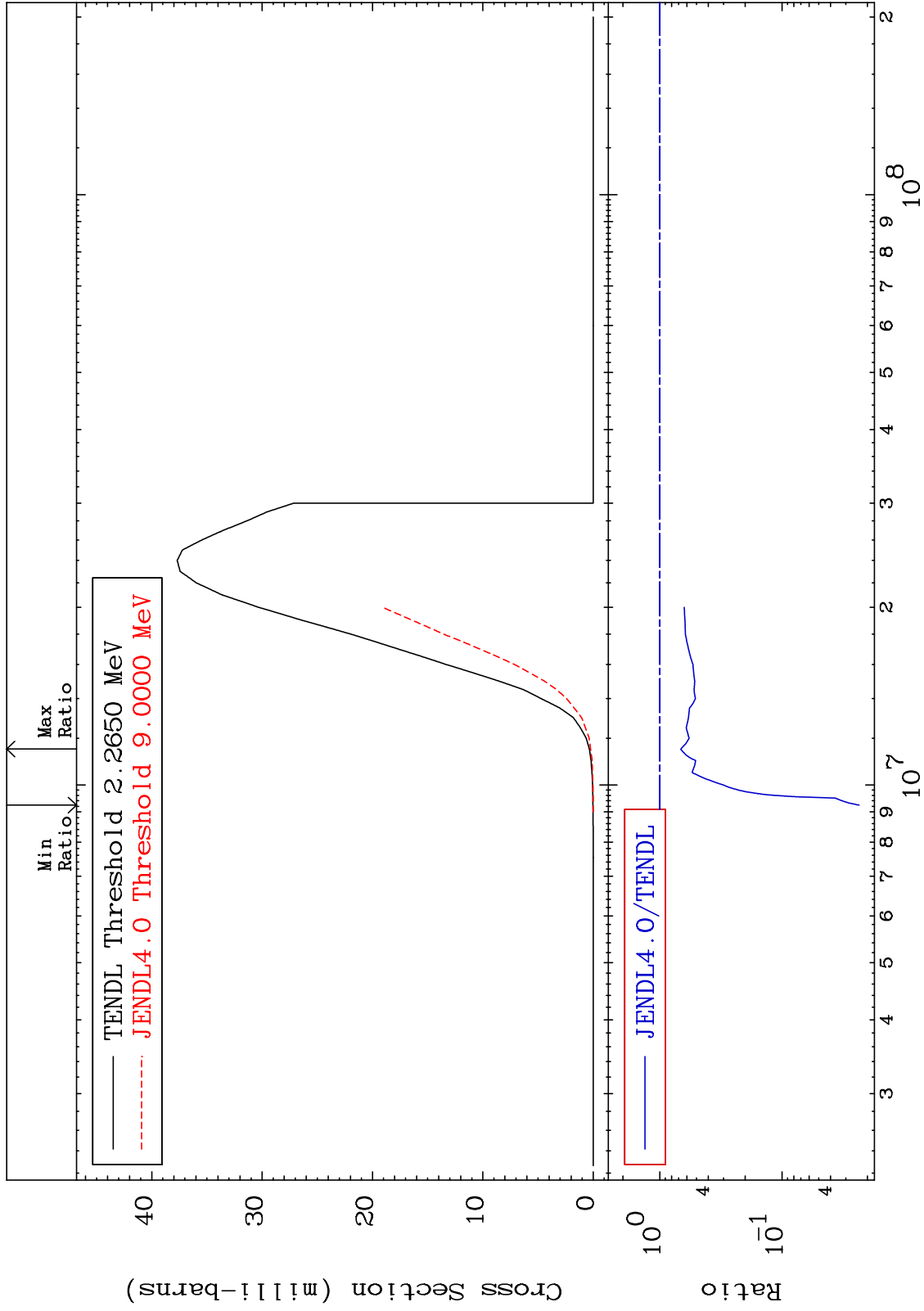
MAT 4234

(n, n') α

42-Mo-95

Cross Section

-97.66 To -32.55%



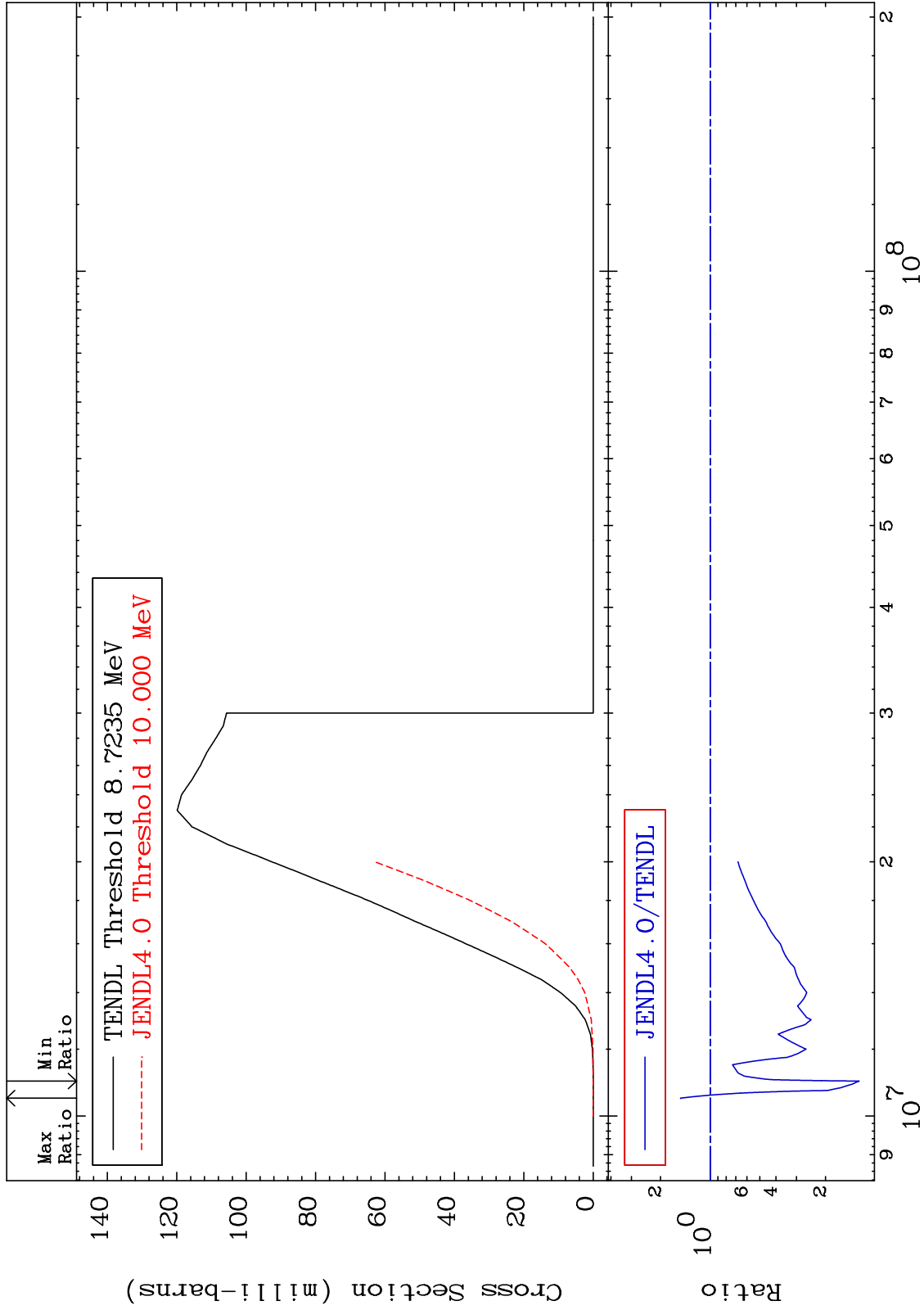
MAT 4234

(n,n') p

42-Mo-95

Cross Section

-87.49 To 51.17 %



7

Incident Energy (eV)

42-Mo-95

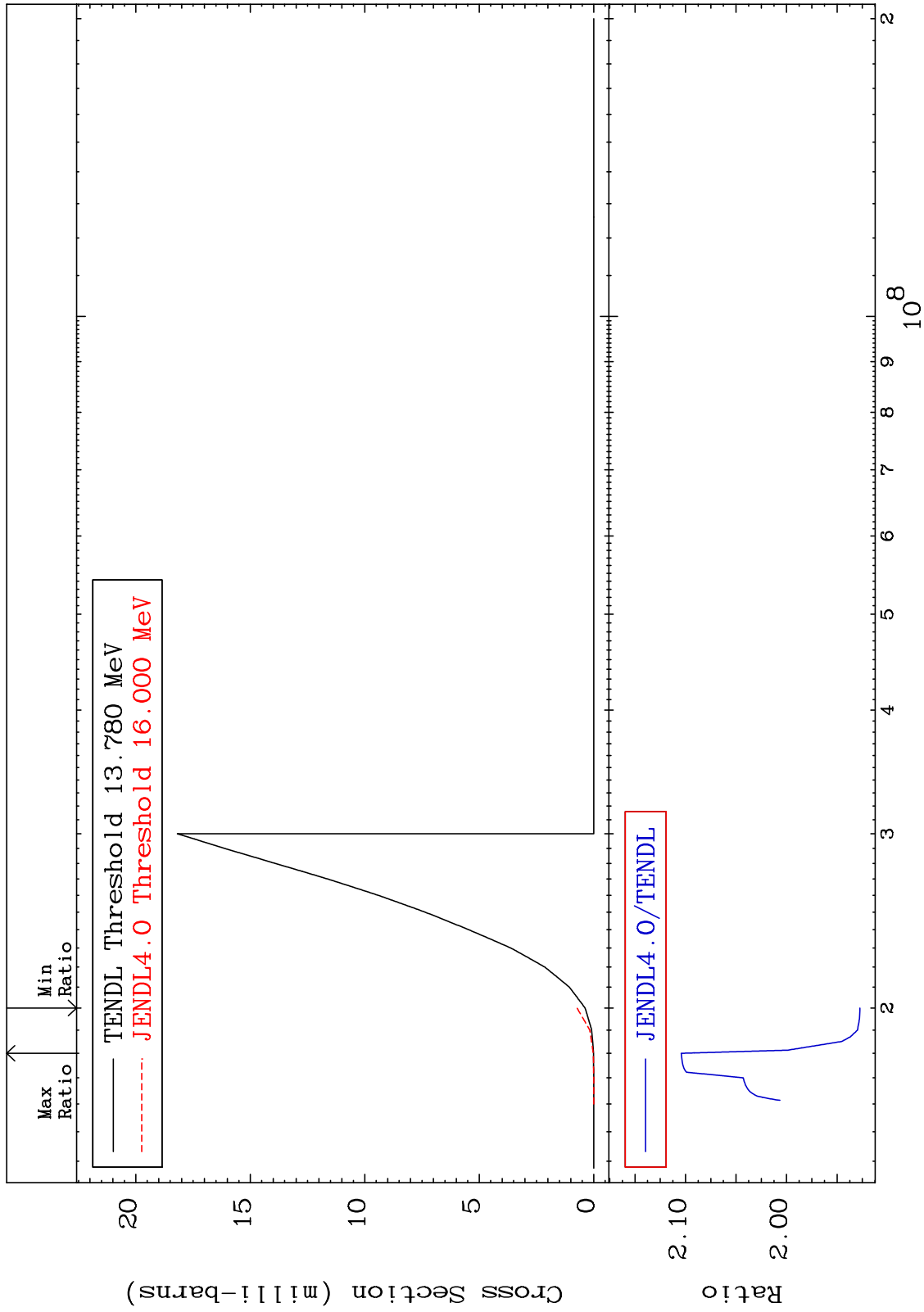
MAT 4234

(n,n') d

42-Mo-95

Cross Section

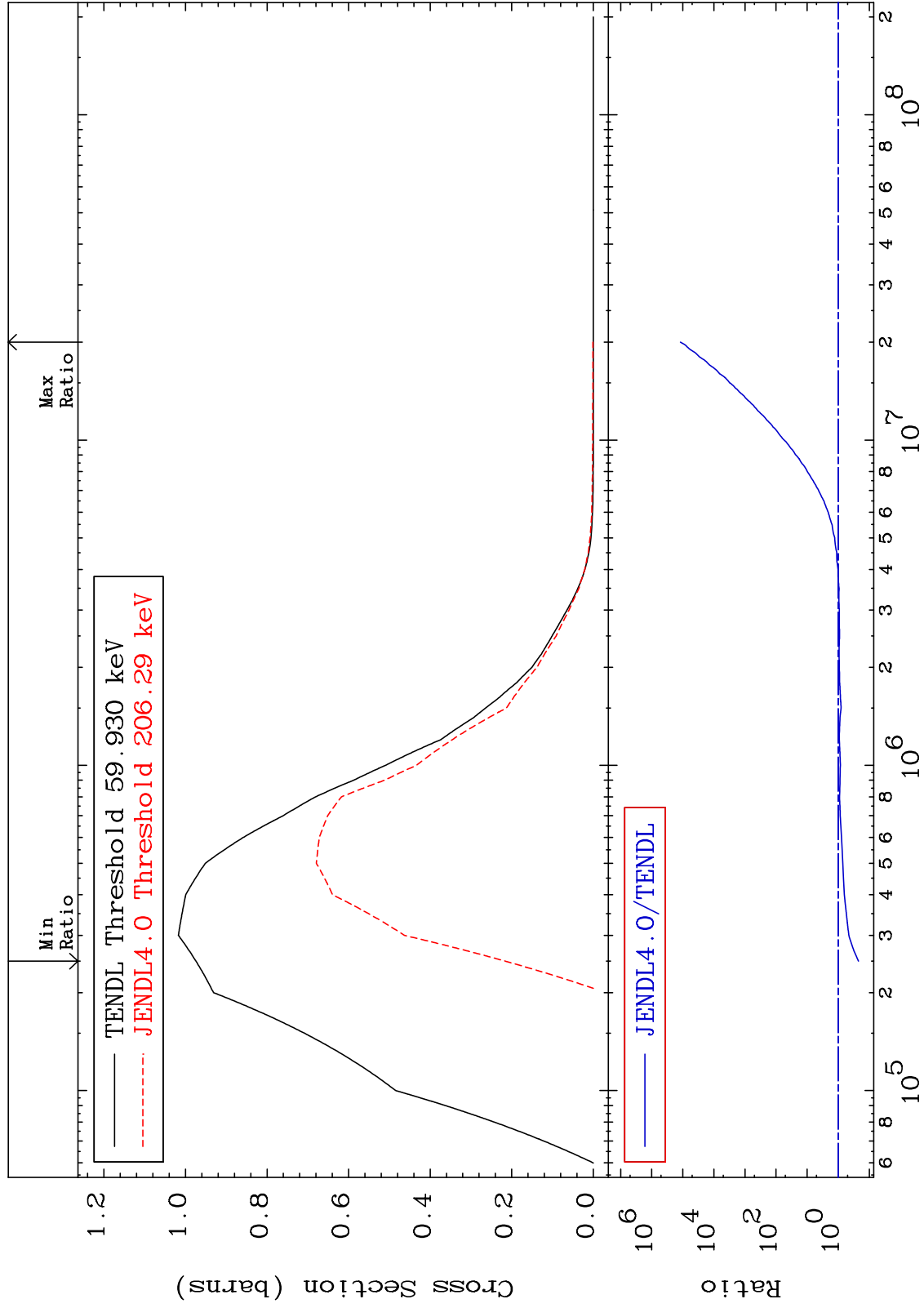
92.74 To 110.4 %



MAT 4234

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

42-Mo-95
-77.84 To 9999. %



9

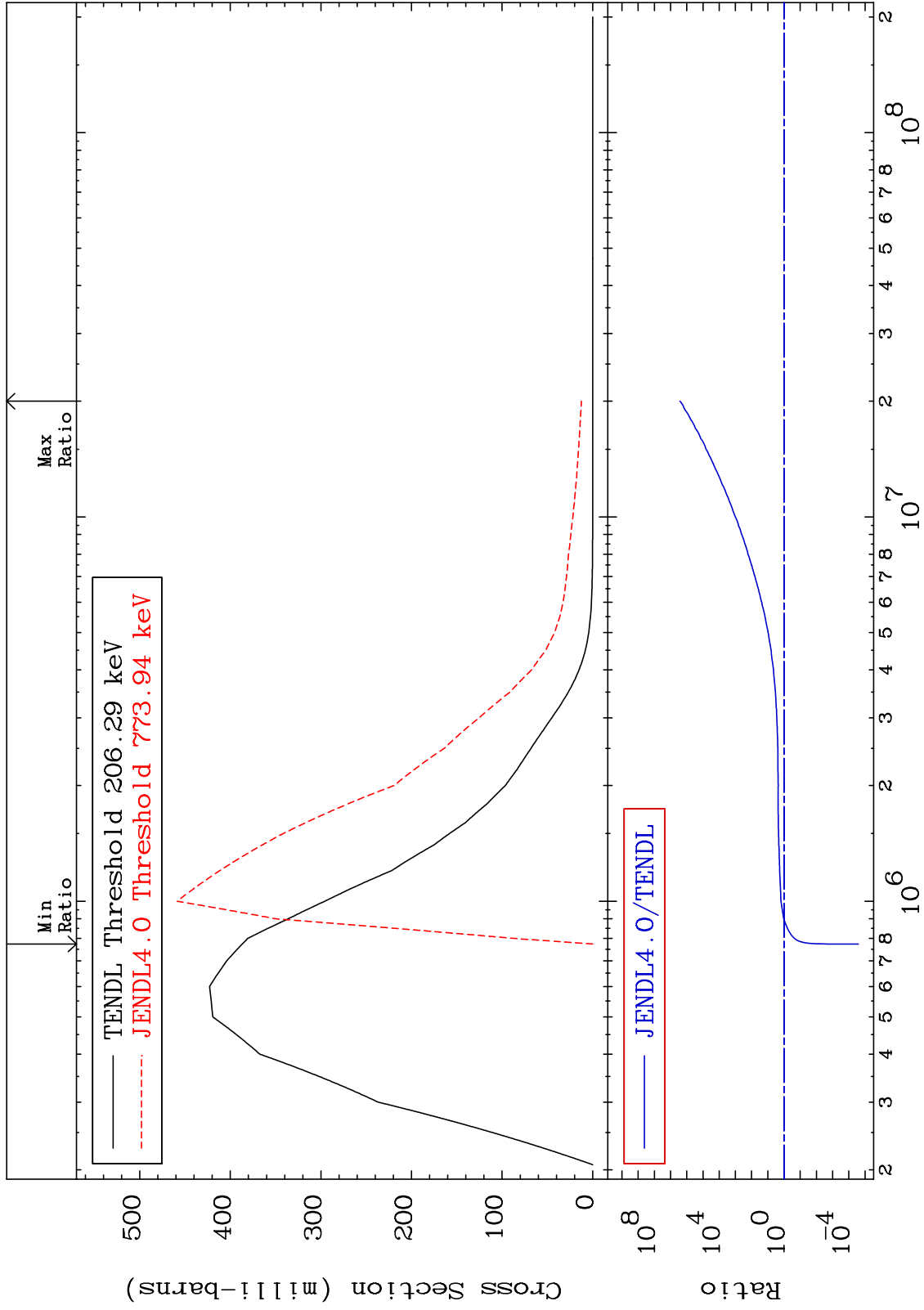
Incident Energy (eV)

42-Mo-95

MAT 4234

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

42-Mo-95
-100.0 To 9999. %

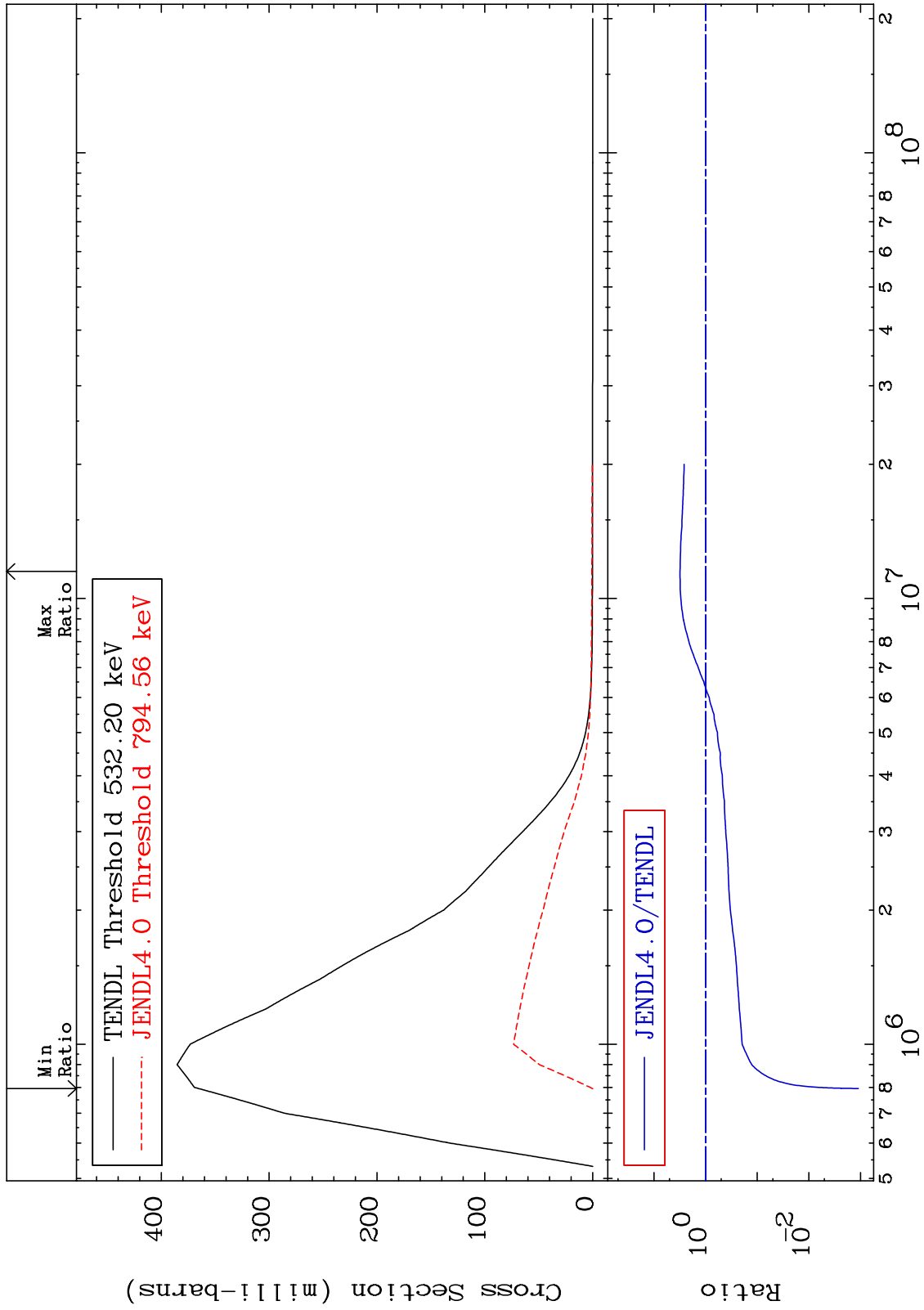


10

Incident Energy (eV)

42-Mo-95

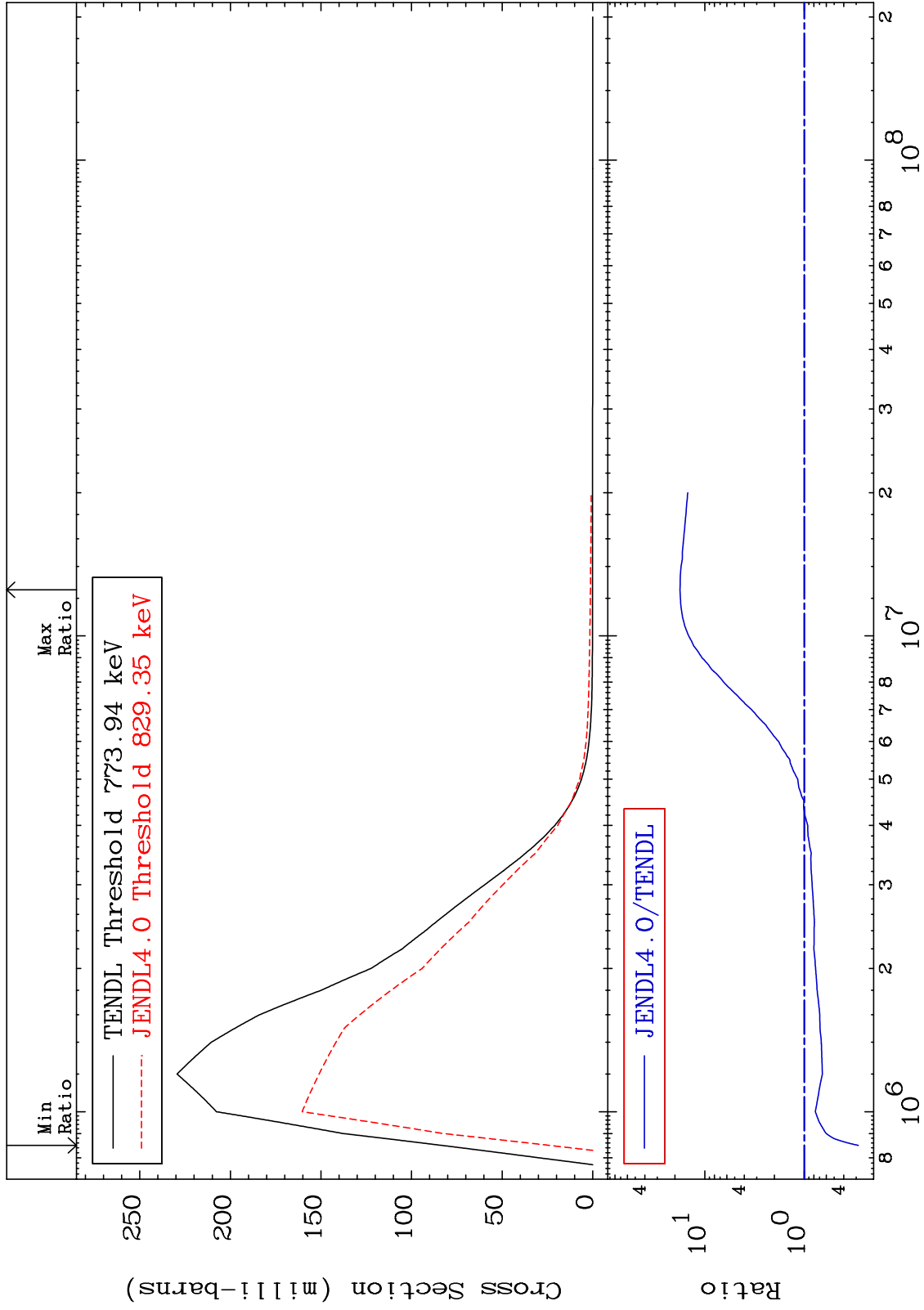
MAT 4234 MT= 53 (n,n') Level Cross Section 42-Mo-95
 -99.89 To 213.7 %



MAT 4234

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

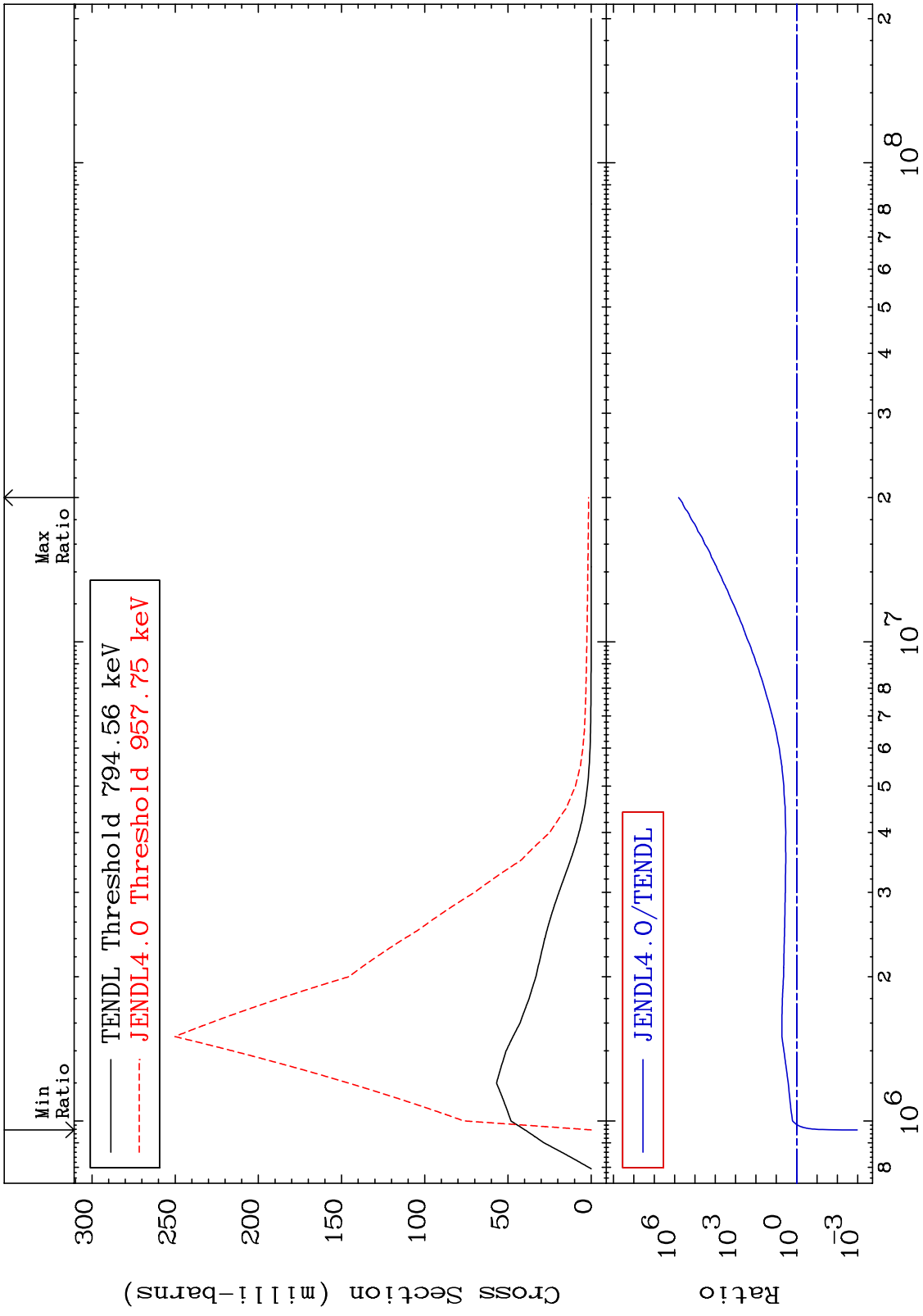
42-Mo-95
-71.47 To 1674. %



12

42-Mo-95

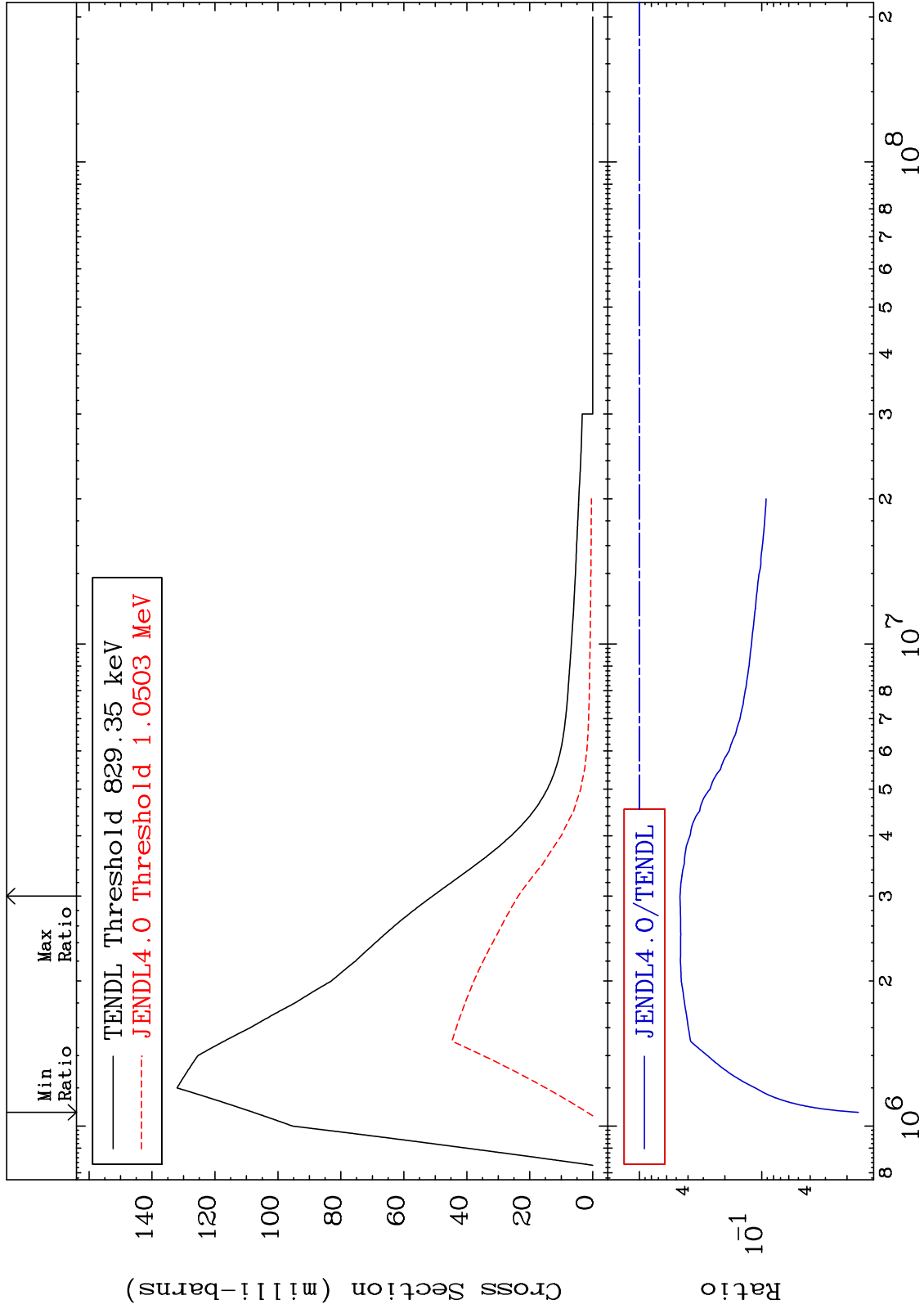
MAT 4234 MT= 55 (n,n') Level Cross Section 42-Mo-95
 -99.90 To 9999. %



MAT 4234

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

42-Mo-95
-98.39 To -53.43%



14

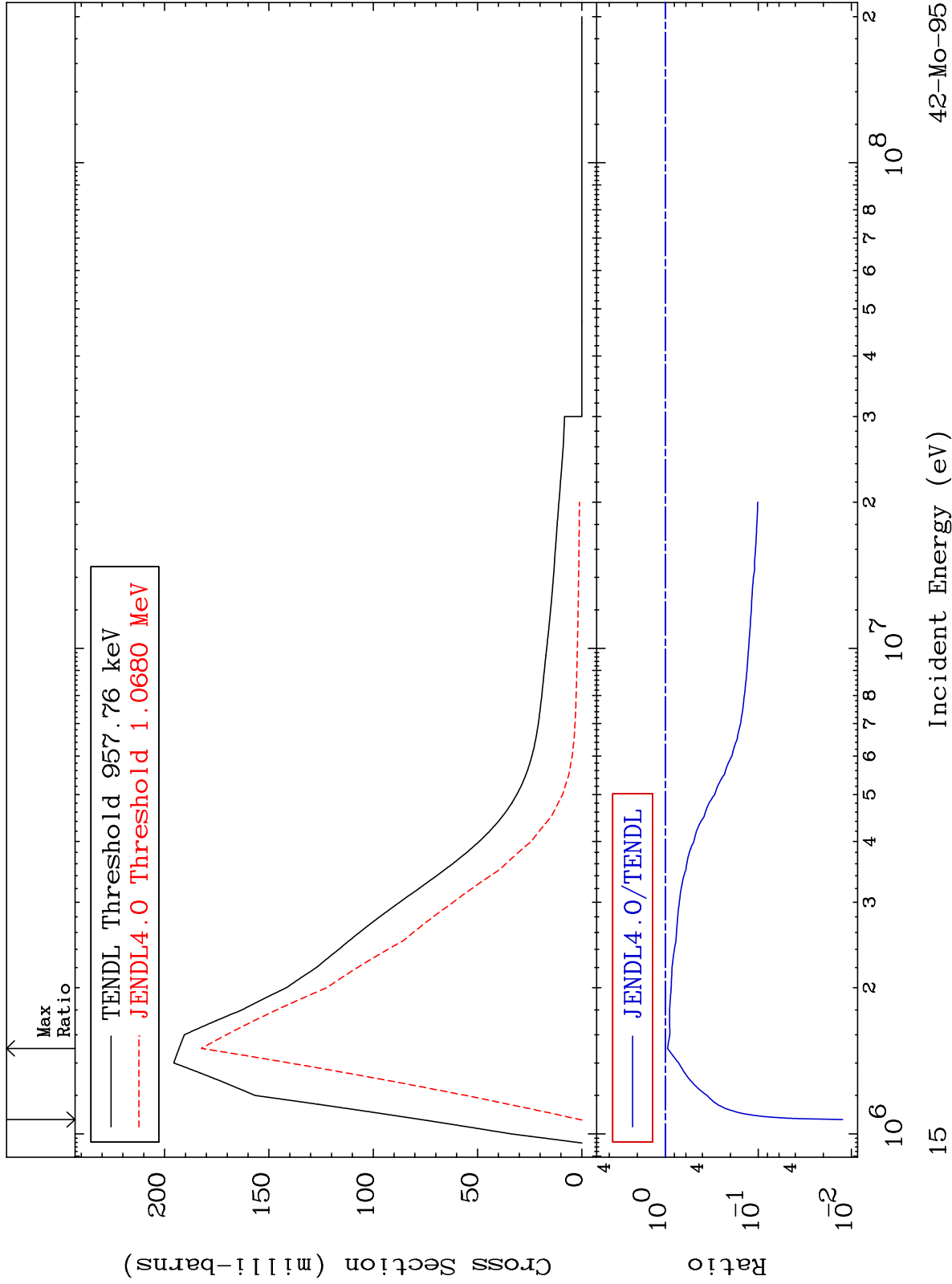
Incident Energy (eV)

42-Mo-95

MAT 4234

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

42-Mo-95
-98.76 To -5.529%

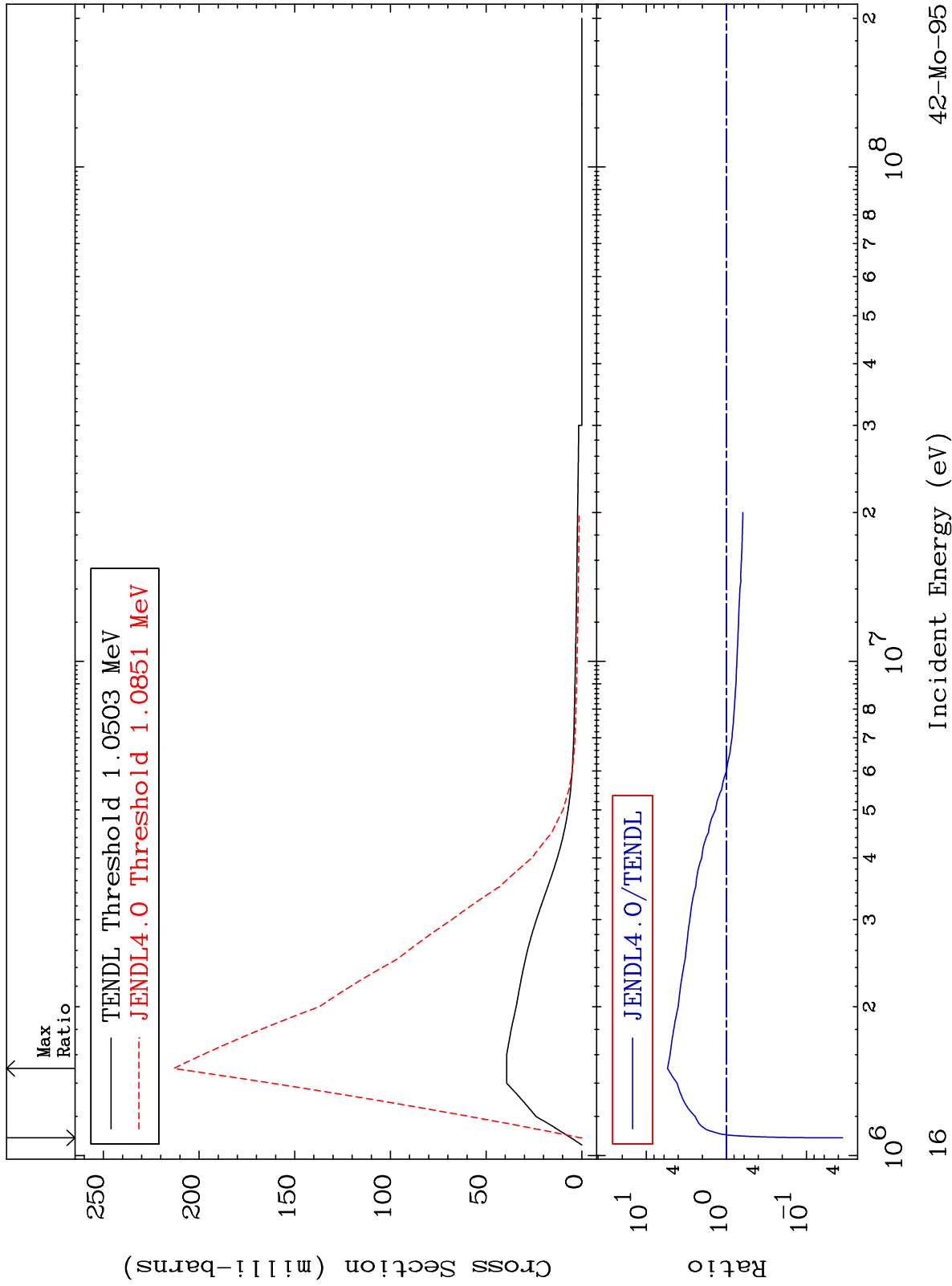


42-Mo-95

MAT 4234

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

42-Mo-95
-96.48 To 443.1 %



42-Mo-95

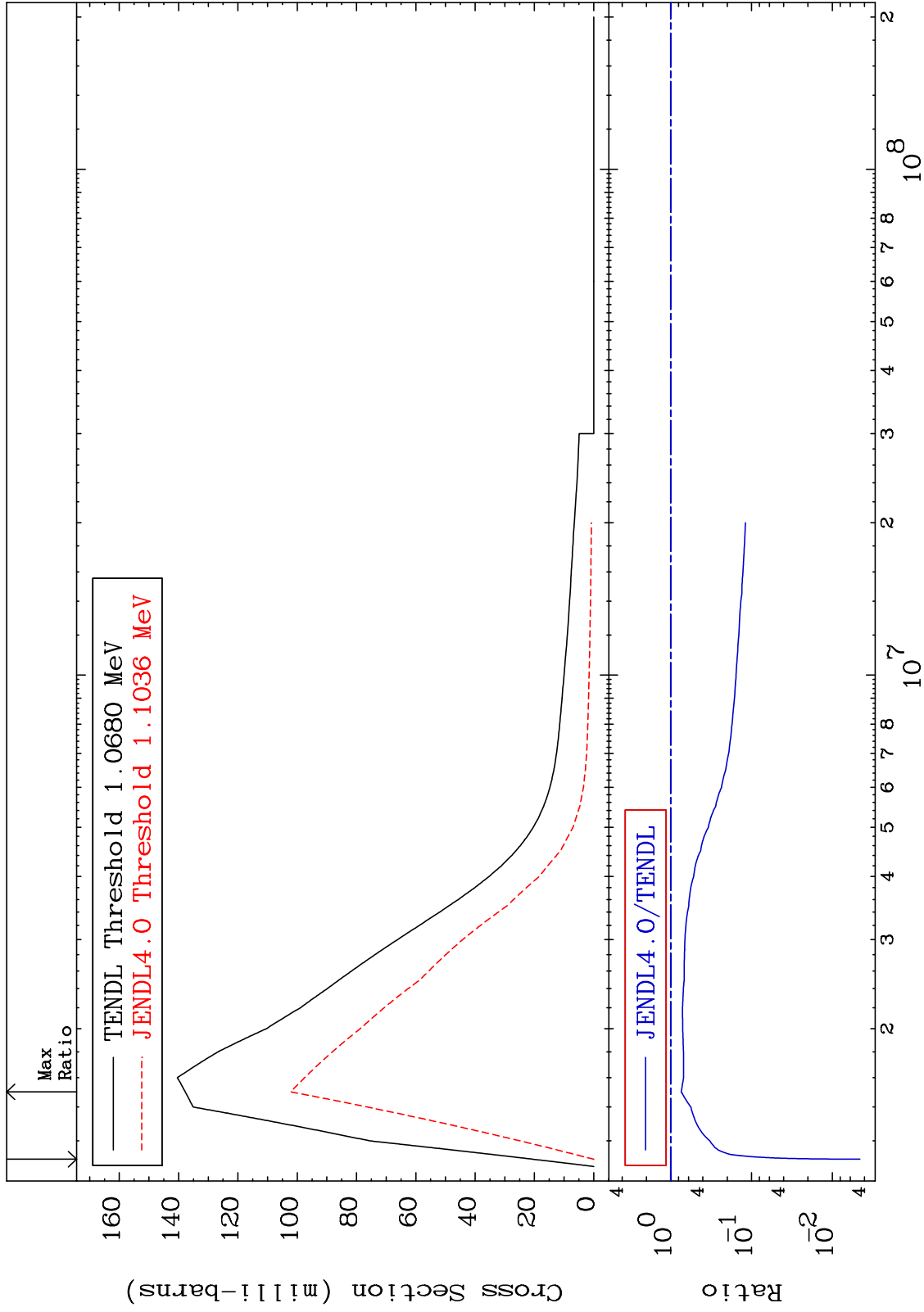
Incident Energy (eV)

16

MAT 4234

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

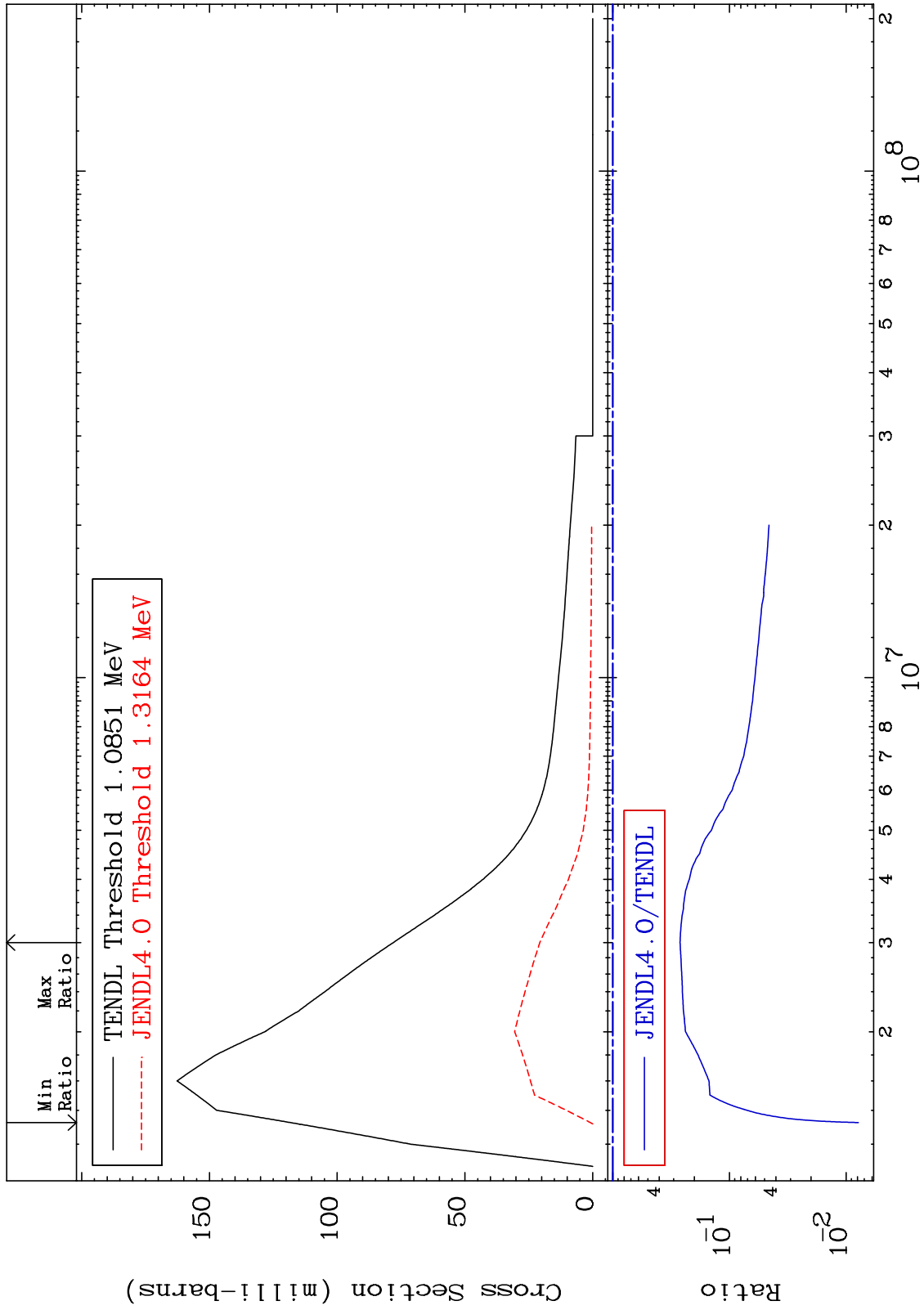
42-Mo-95
-99.55 To -25.82%



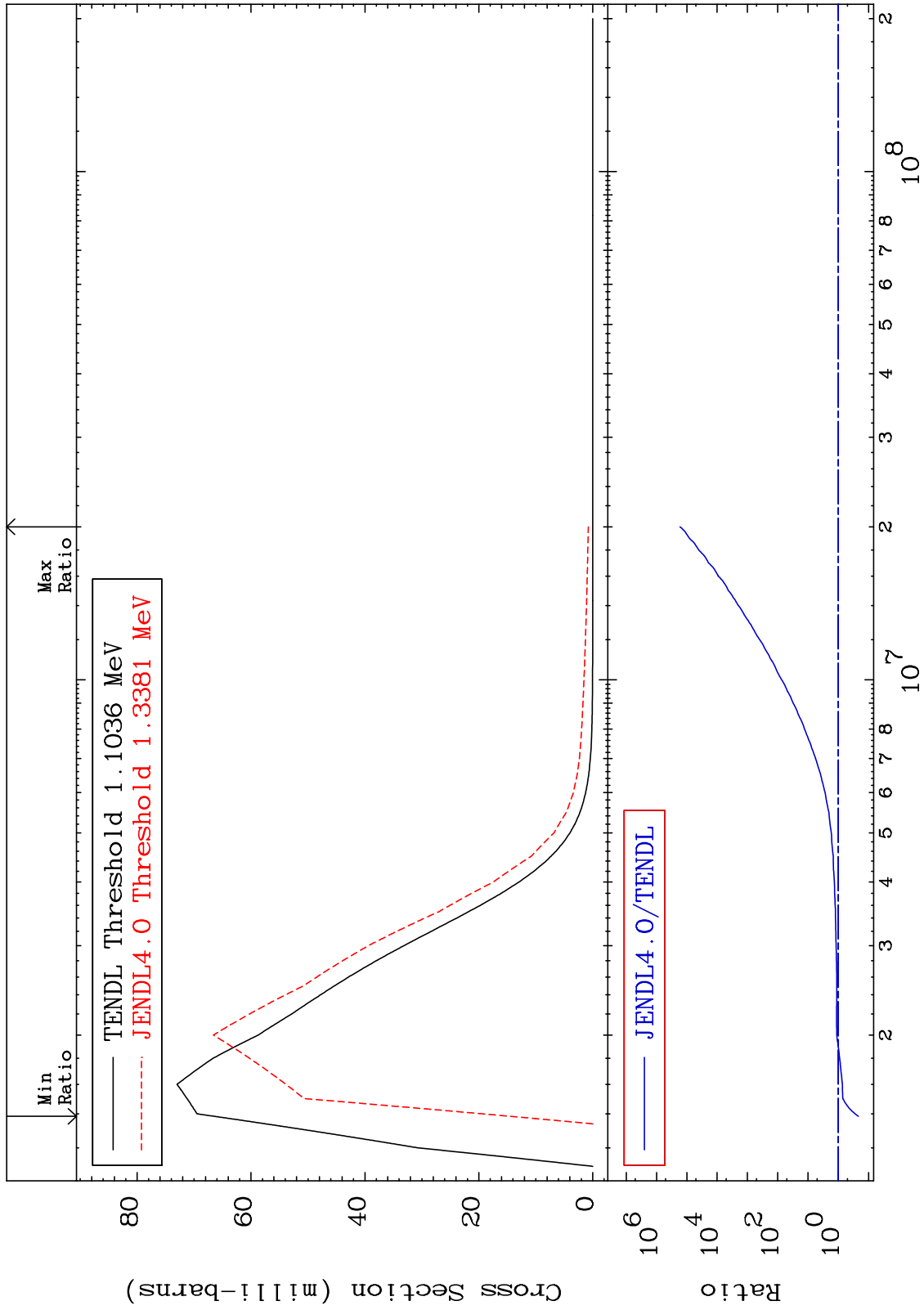
MAT 4234

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

42-Mo-95
-99.21 To -73.50%



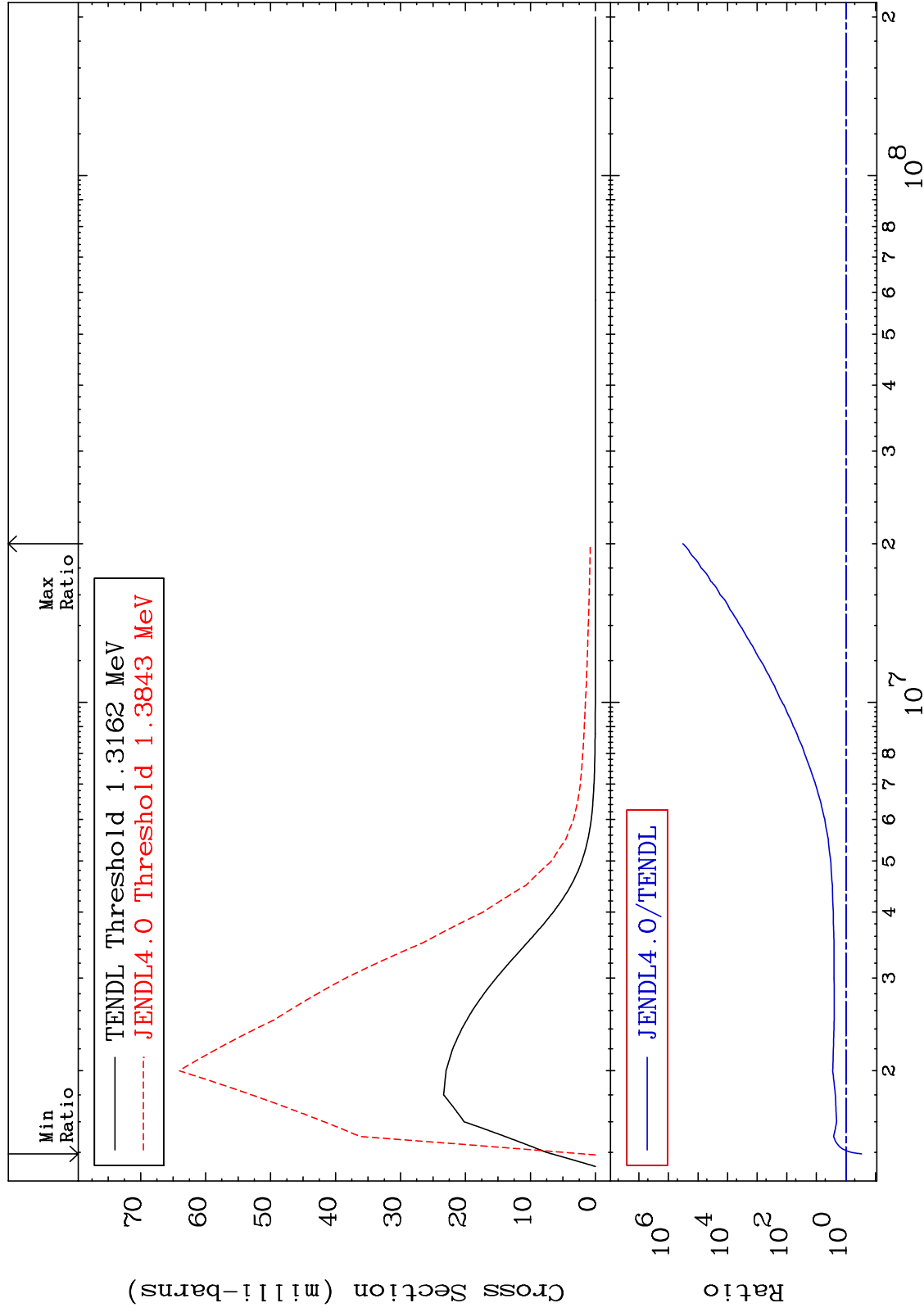
MAT 4234 MT= 61 (n, n') Level Cross Section -78.24 To 9999. % 42-Mo-95



MAT 4234

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

42-Mo-95
-70.45 To 9999. %



20

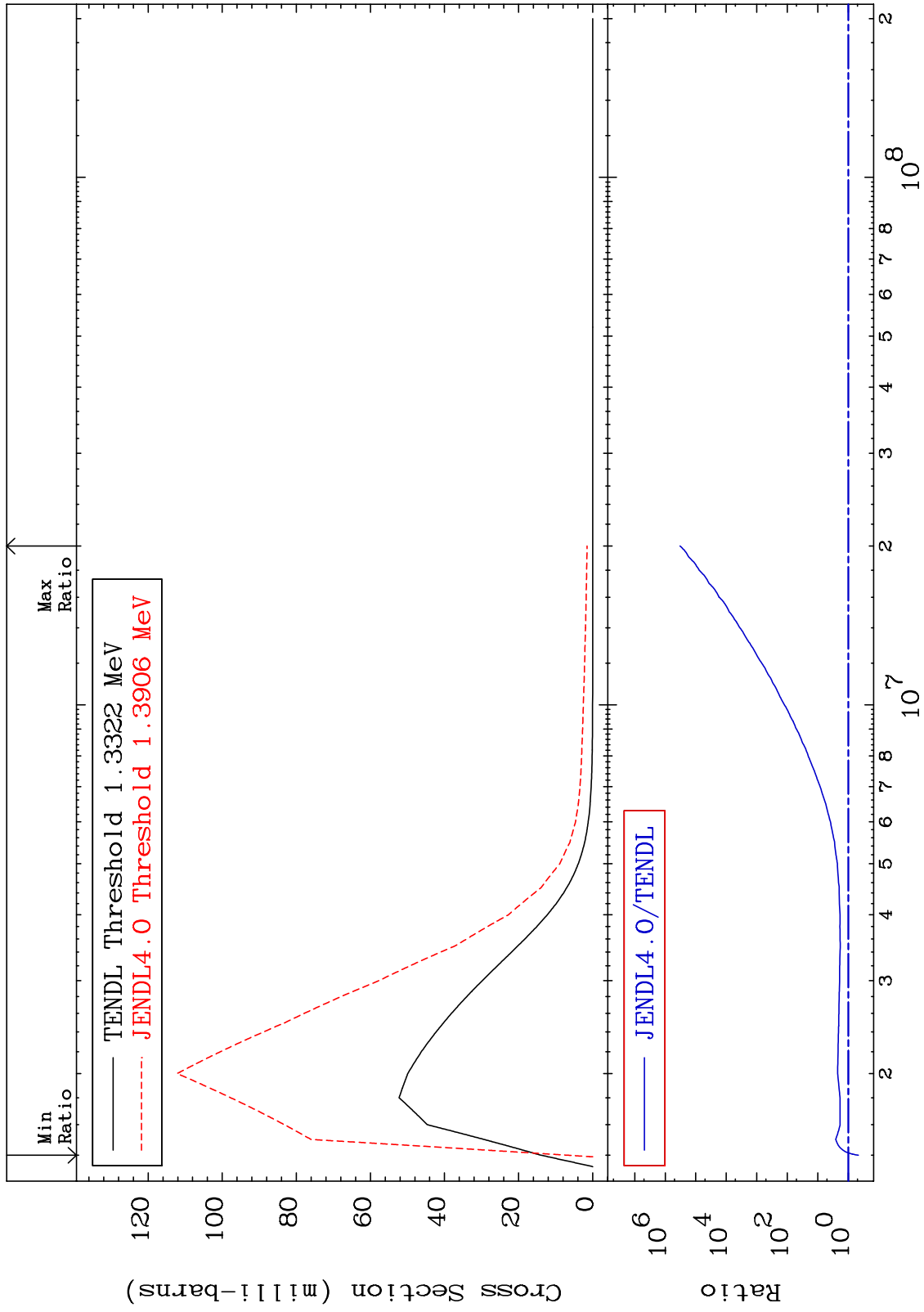
Incident Energy (eV)

42-Mo-95

MAT 4234

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

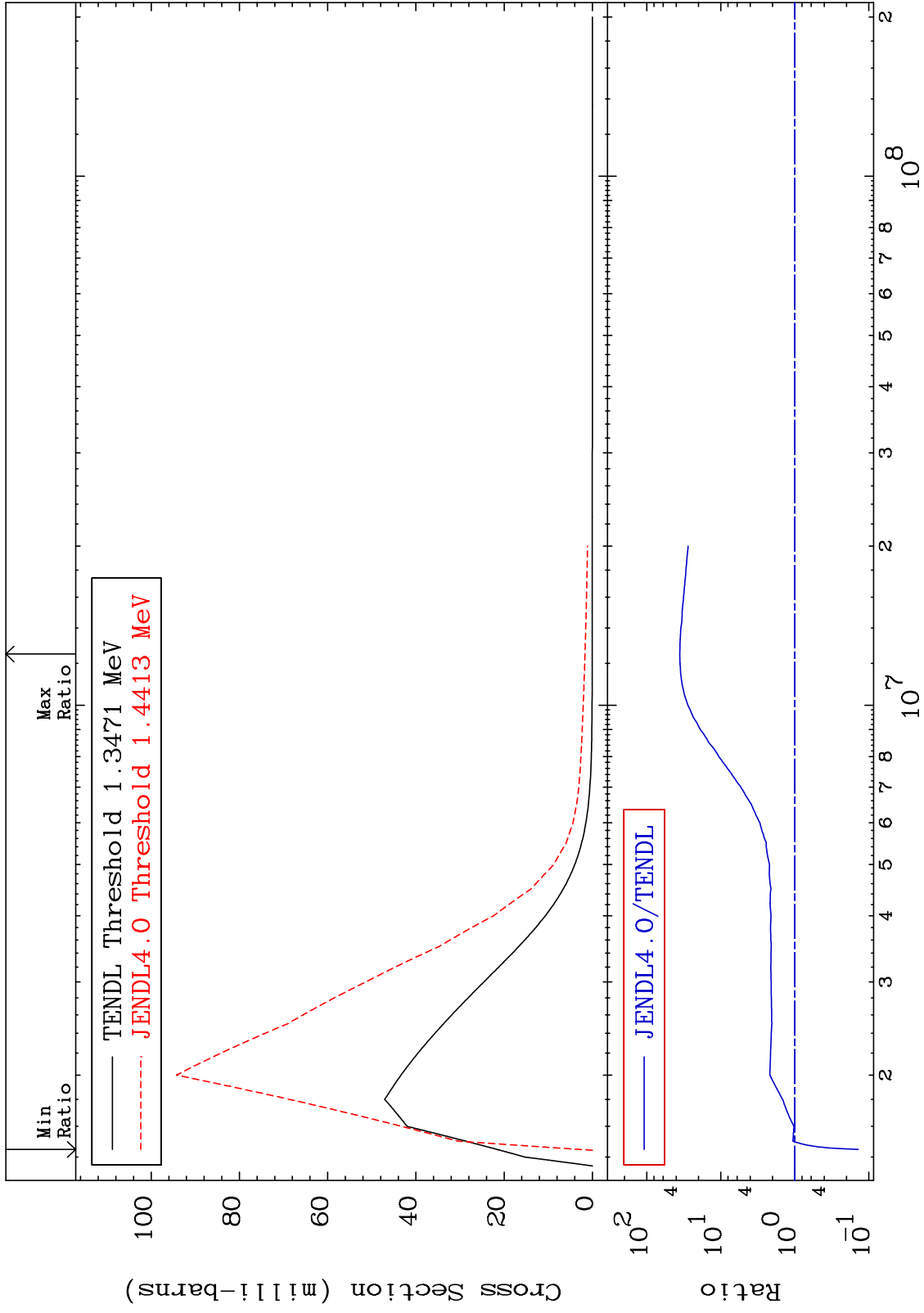
42-Mo-95
-53.27 To 9999. %



MAT 4234

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

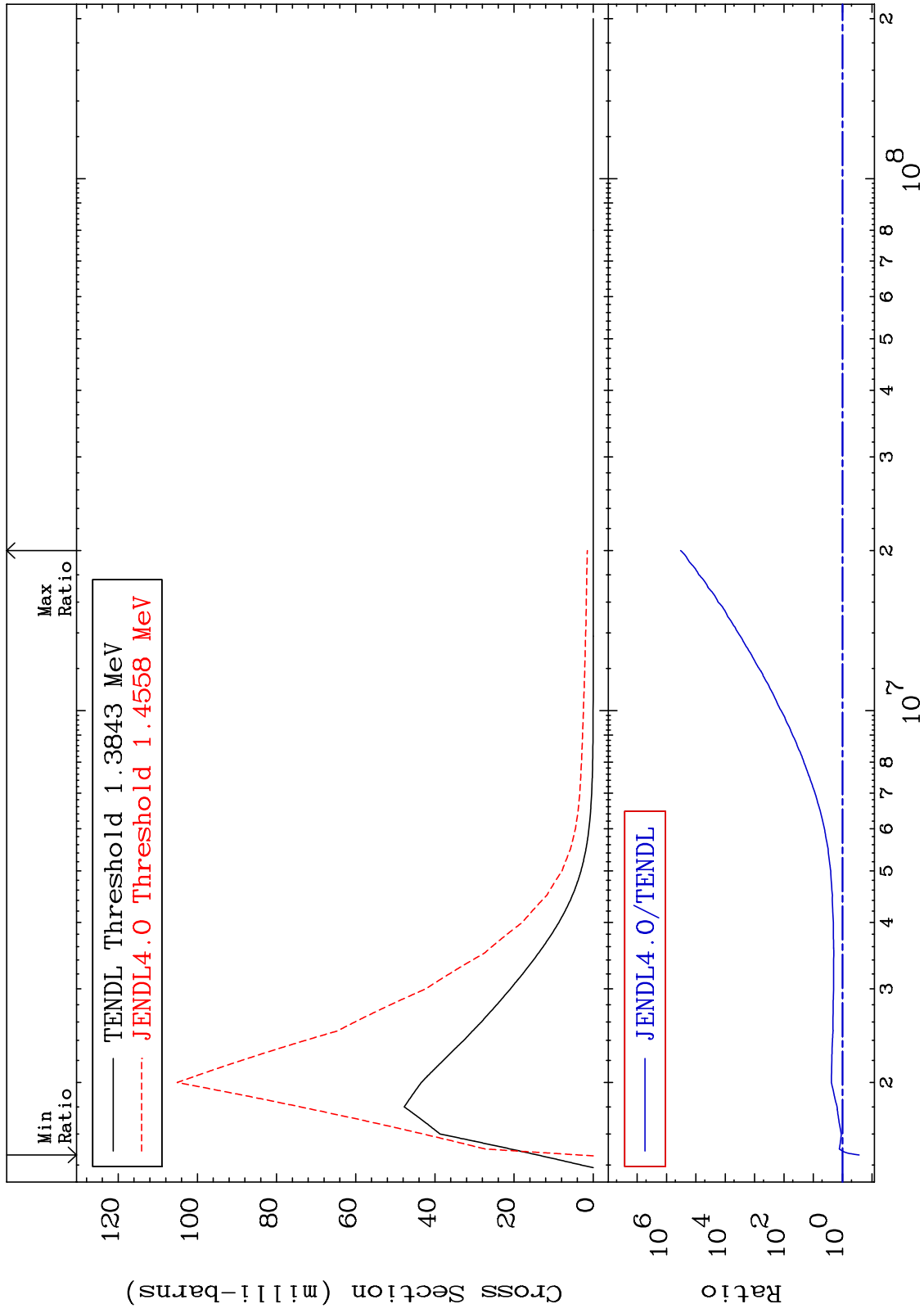
42-Mo-95
-86.14 To 3477. %



MAT 4234

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

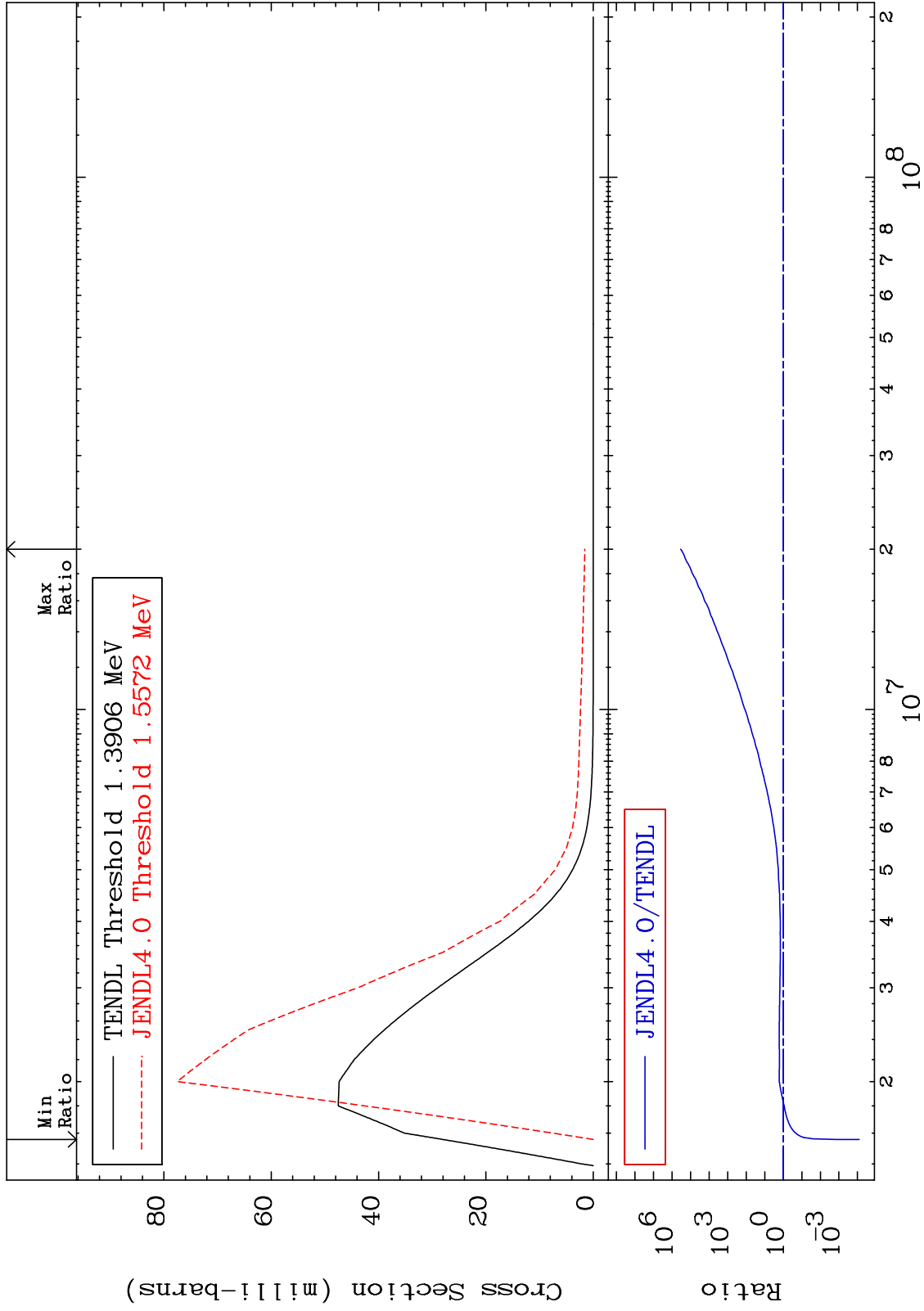
42-Mo-95
-72.70 To 9999. %



MAT 4234

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

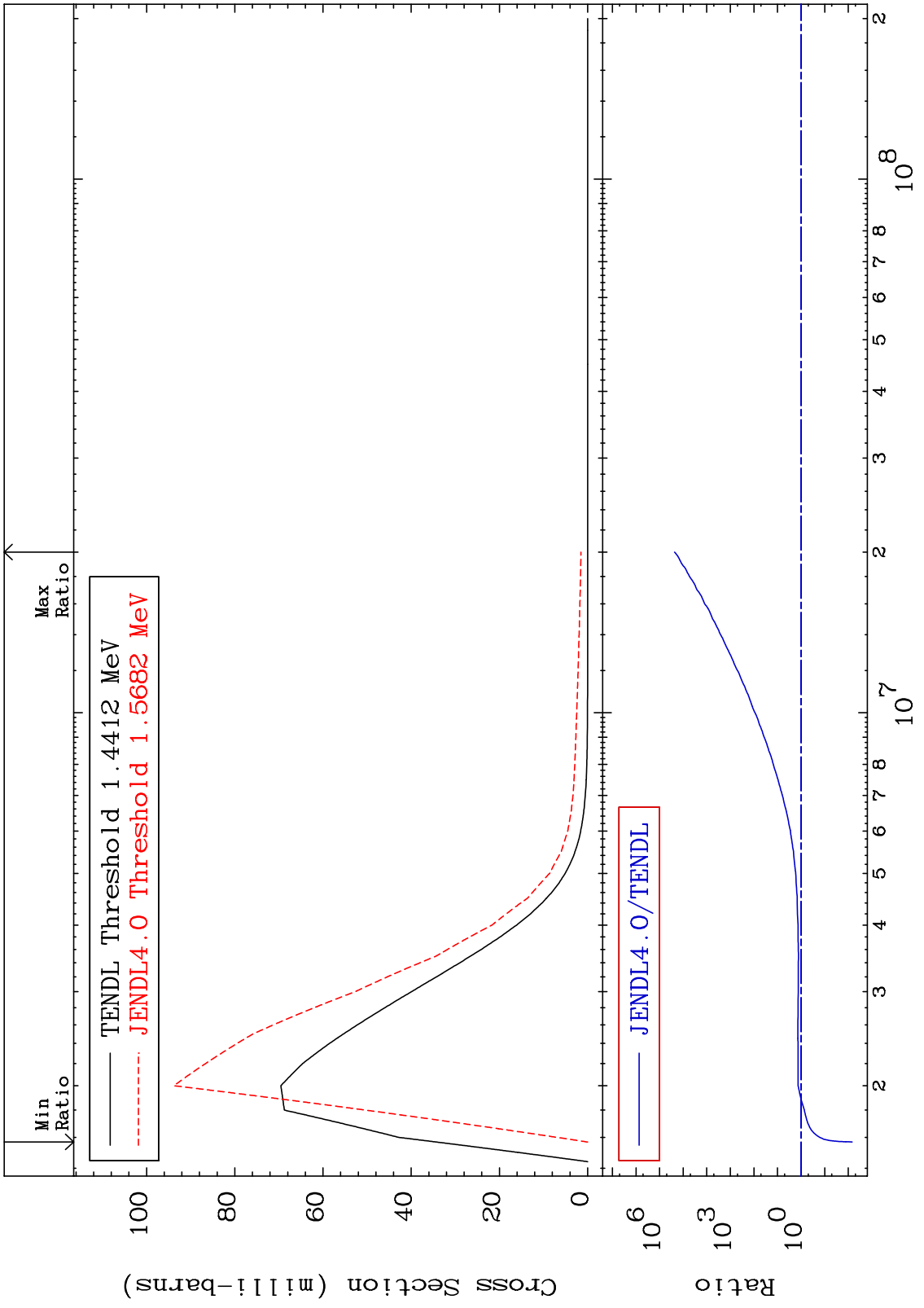
42-Mo-95
-99.99 To 9999. %



MAT 4234

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

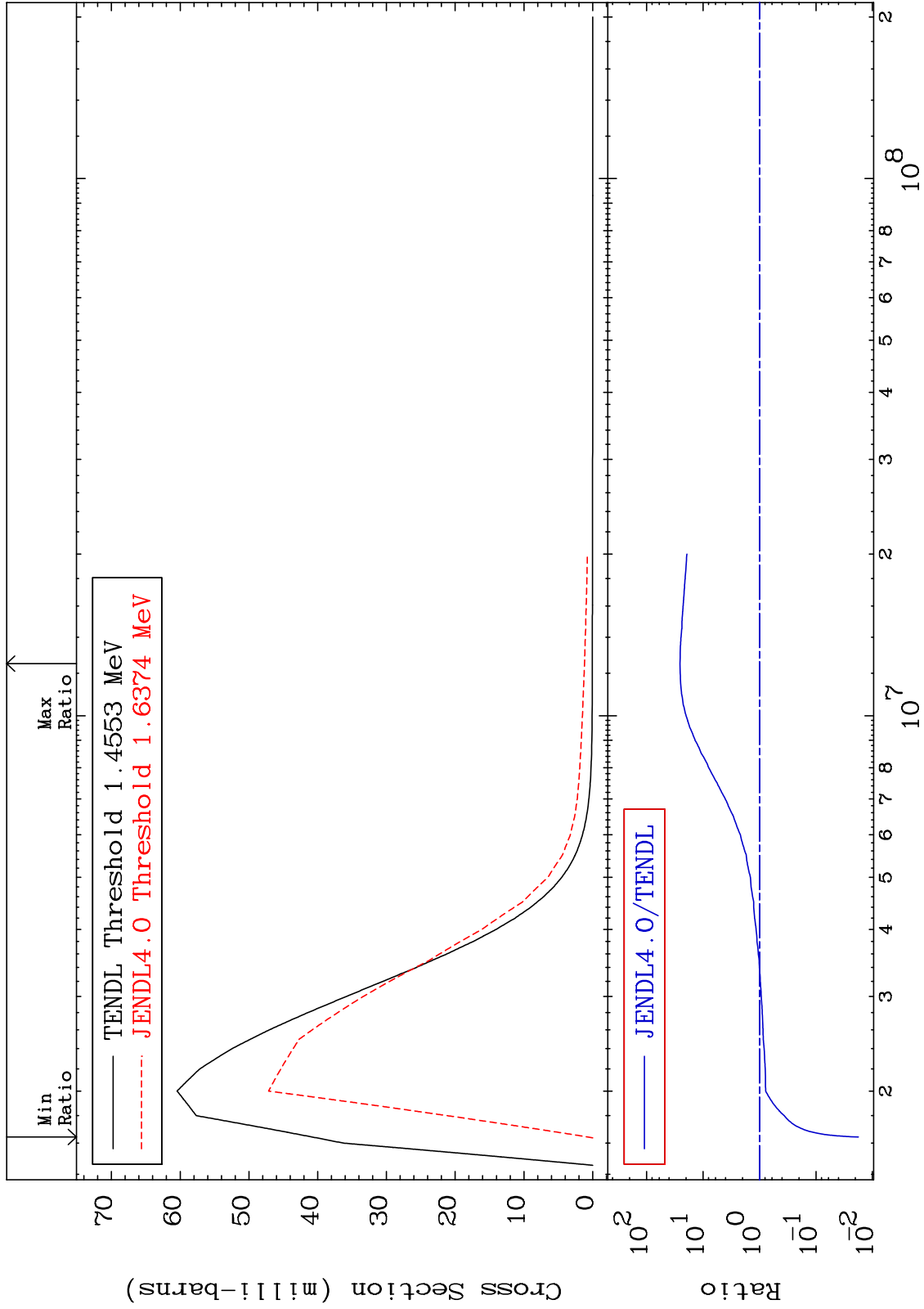
42-Mo-95
-99.32 To 9999. %



MAT 4234

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

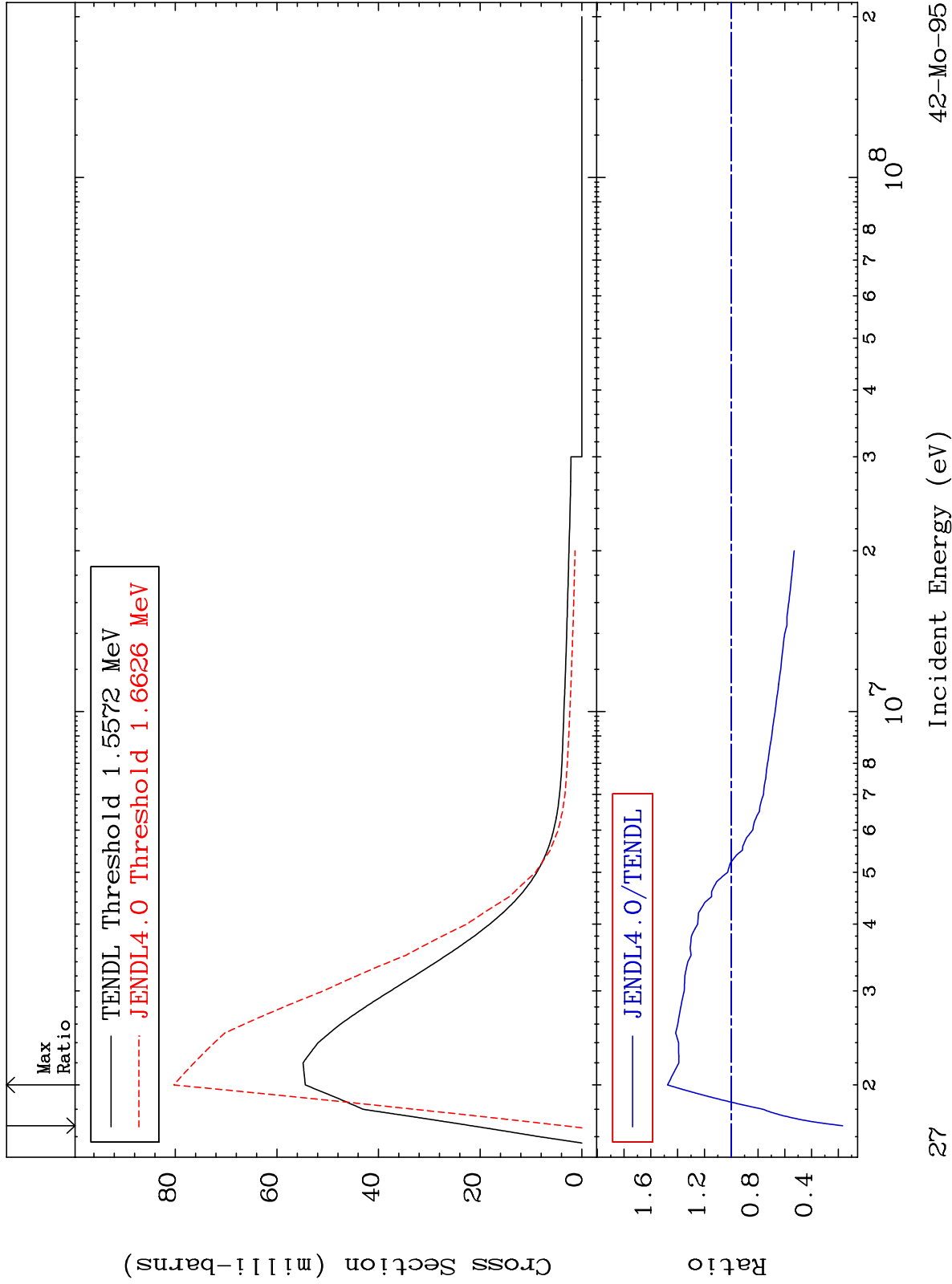
42-Mo-95
-98.23 To 2463. %



MAT 4234

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

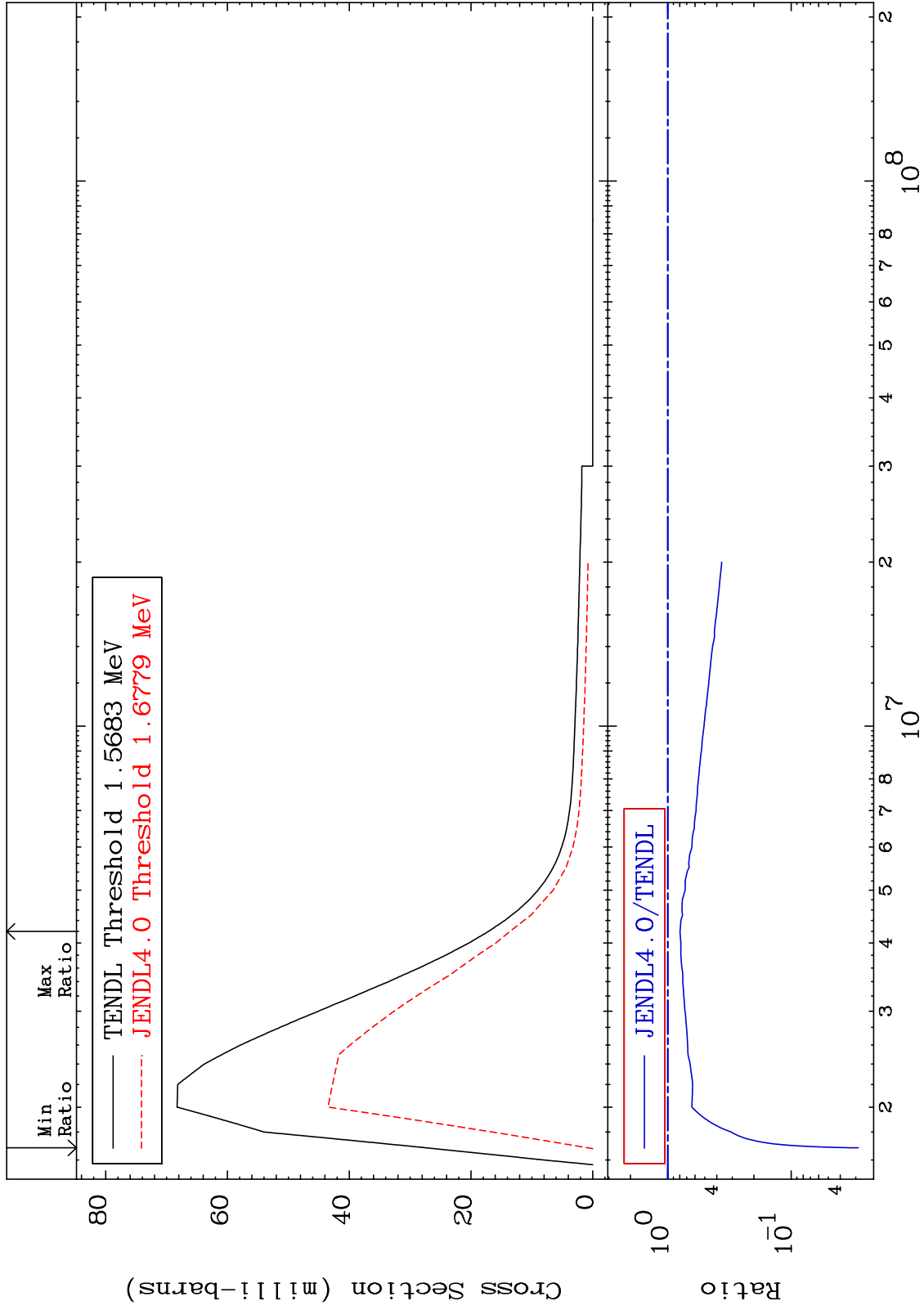
42-Mo-95
-83.27 To 47.54 %



MAT 4234

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

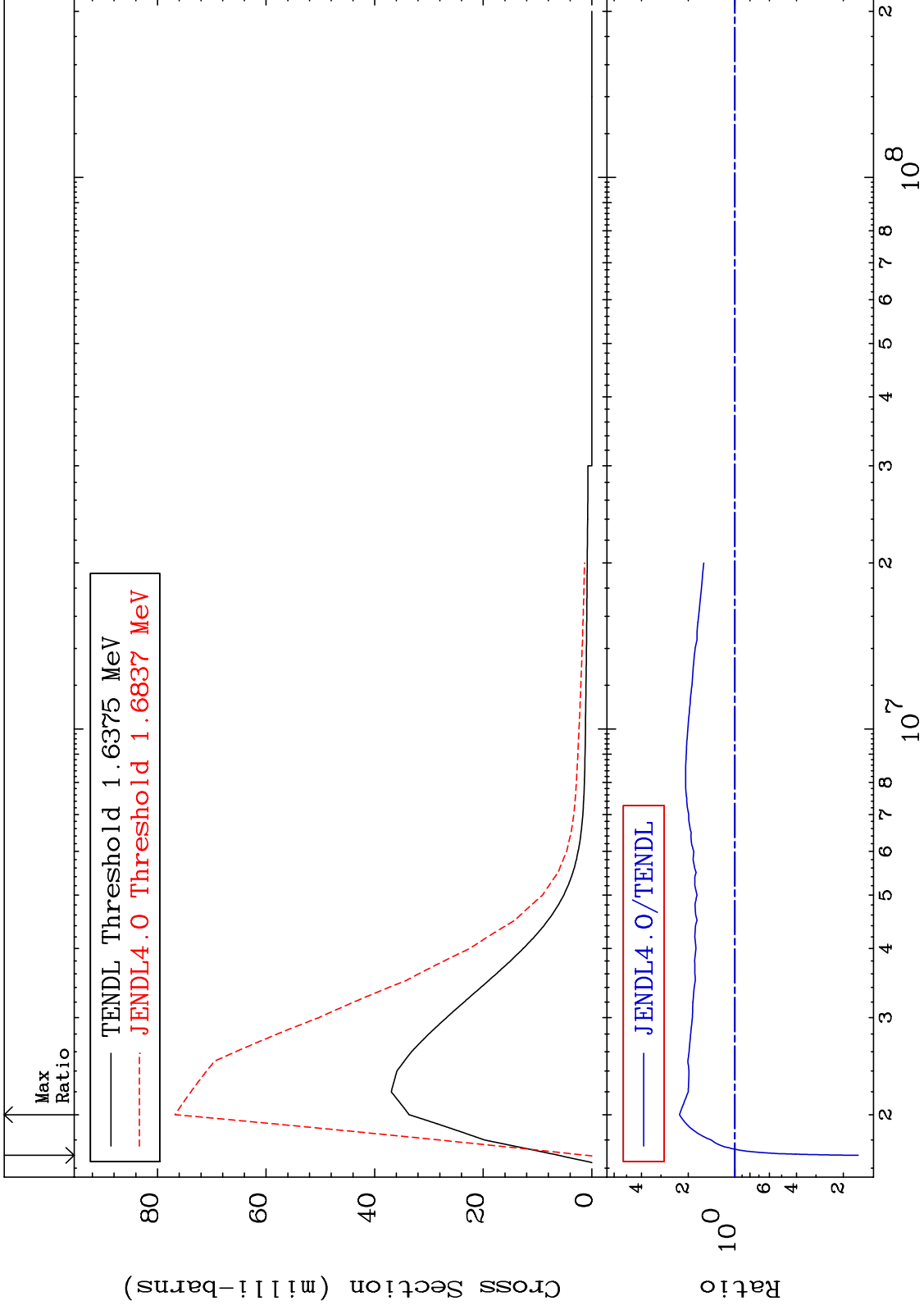
42-Mo-95
-97.15 To -20.56%



MAT 4234

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

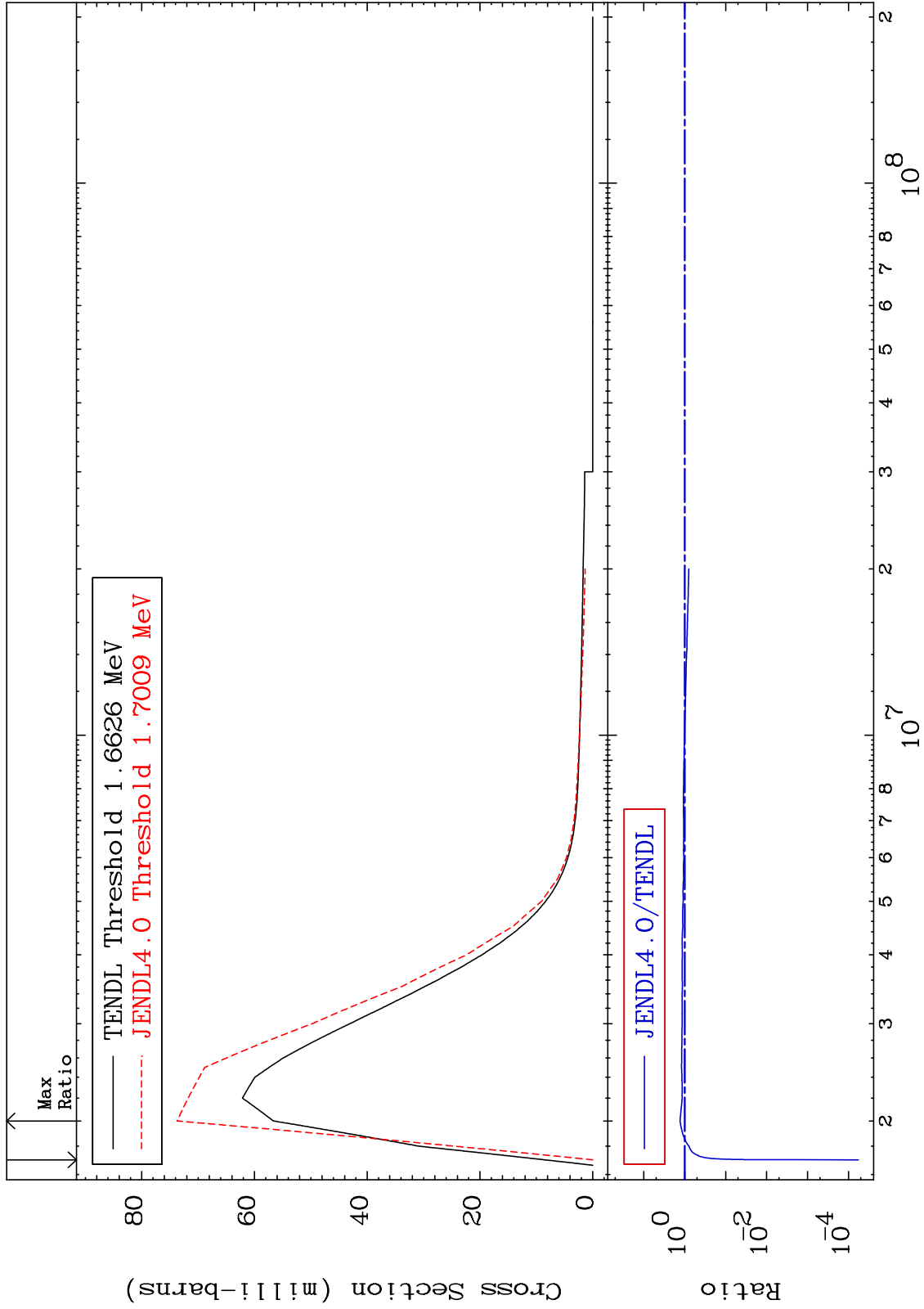
42-Mo-95
-83.98 To 128.1 %



MAT 4234

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

42-Mo-95
-99.99 To 30.15 %



30

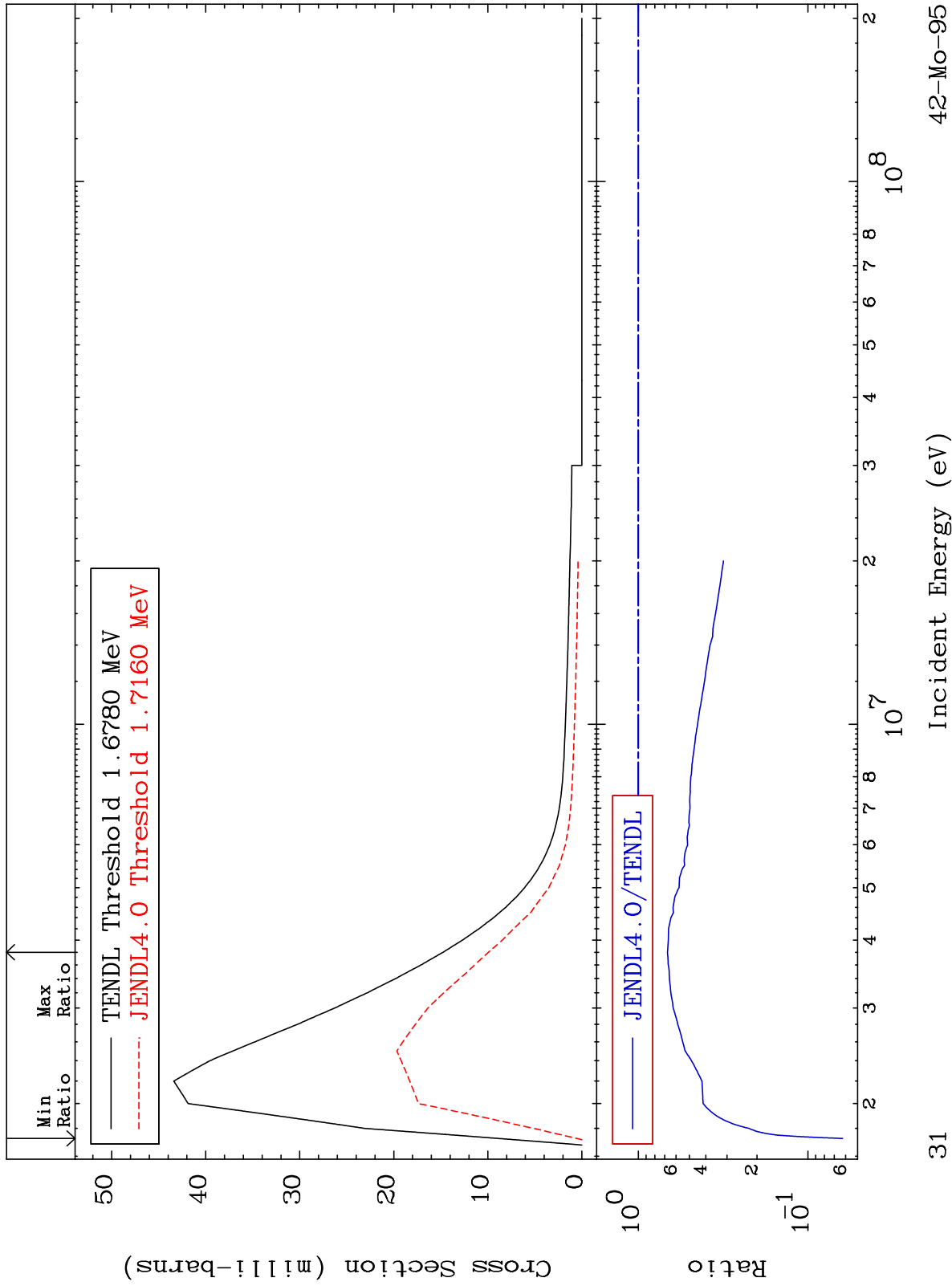
Incident Energy (eV)

42-Mo-95

MAT 4234

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

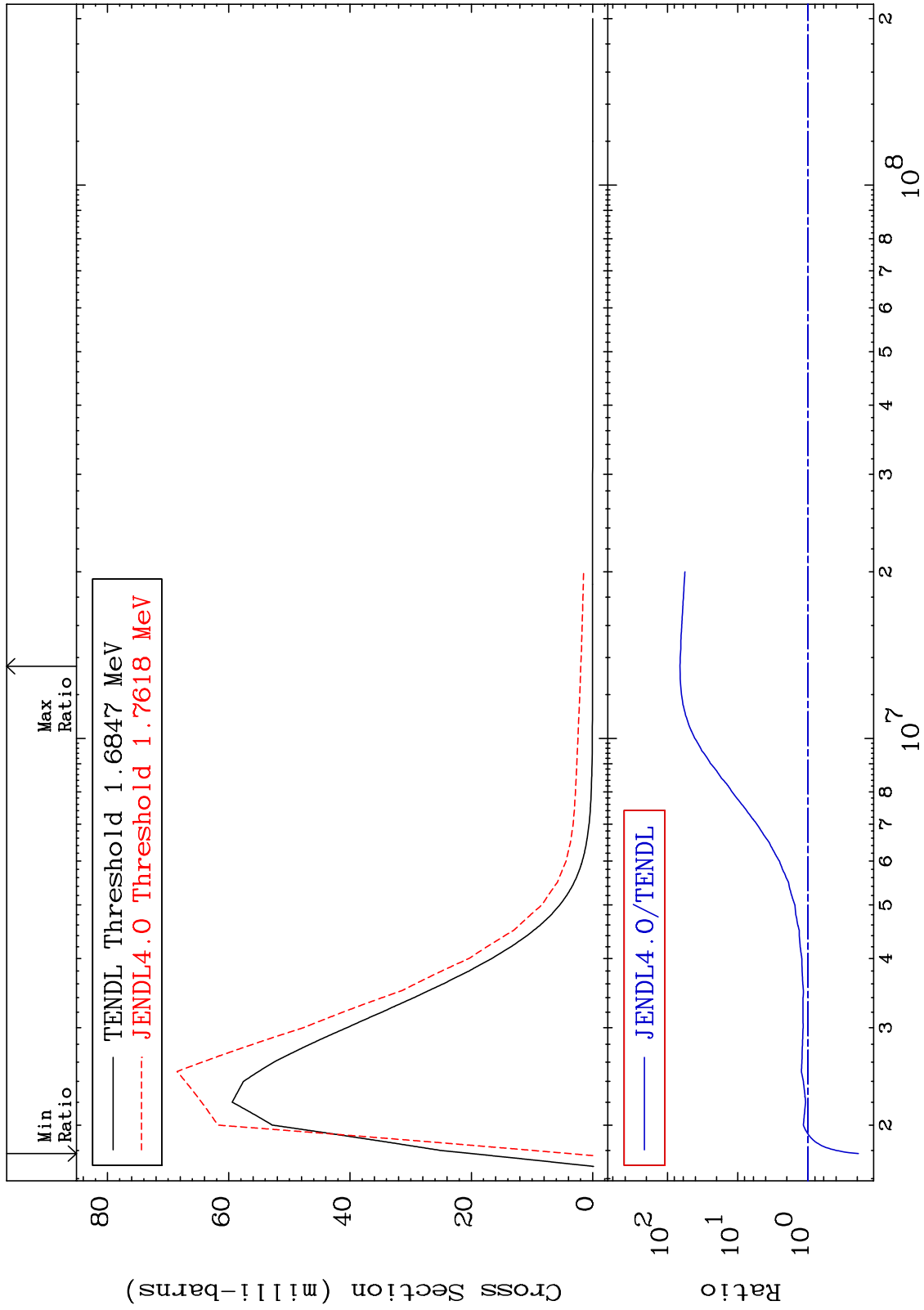
42-Mo-95
-93.76 To -32.72%



MAT 4234

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

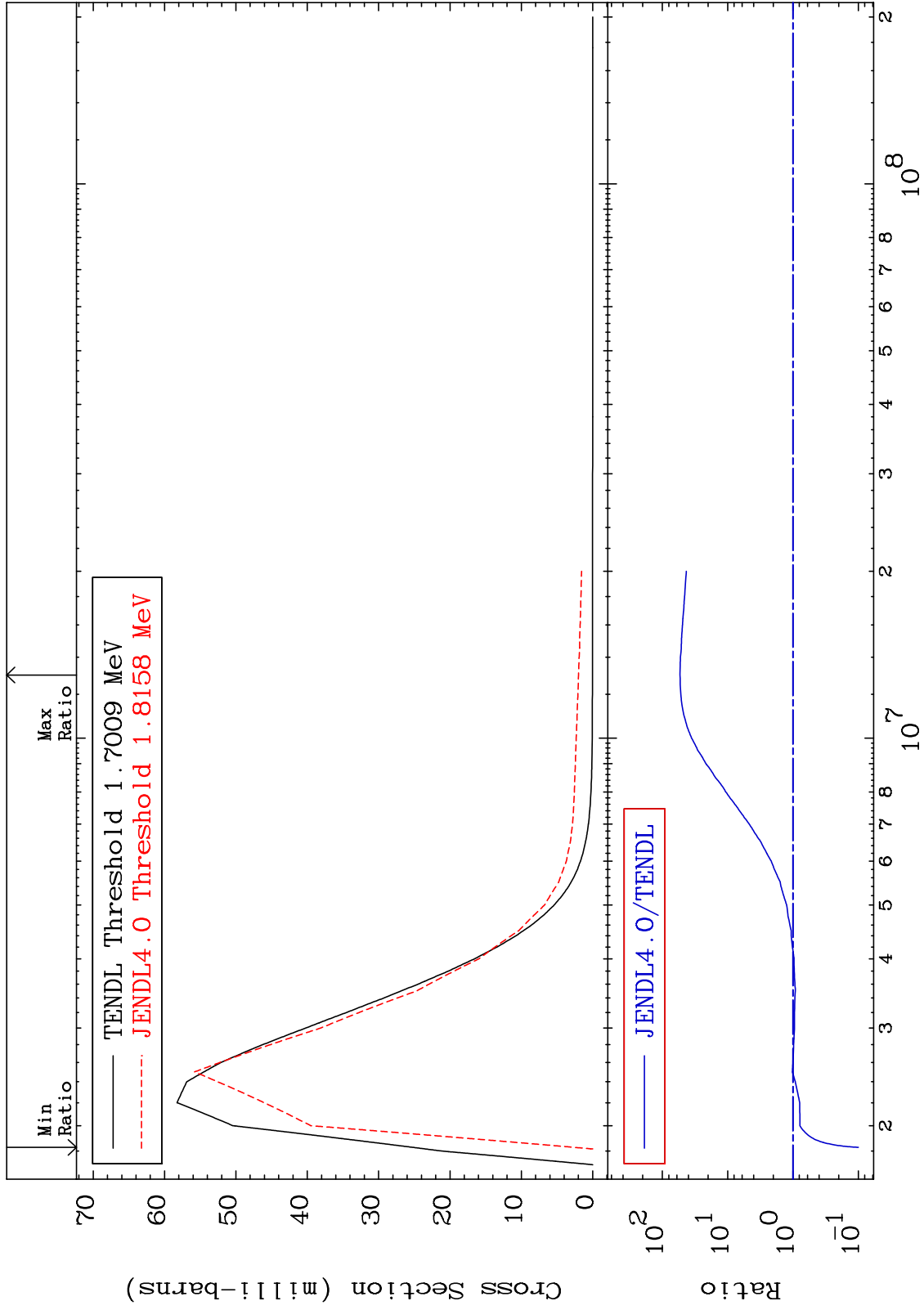
42-Mo-95
-80.78 To 6543. %



MAT 4234

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

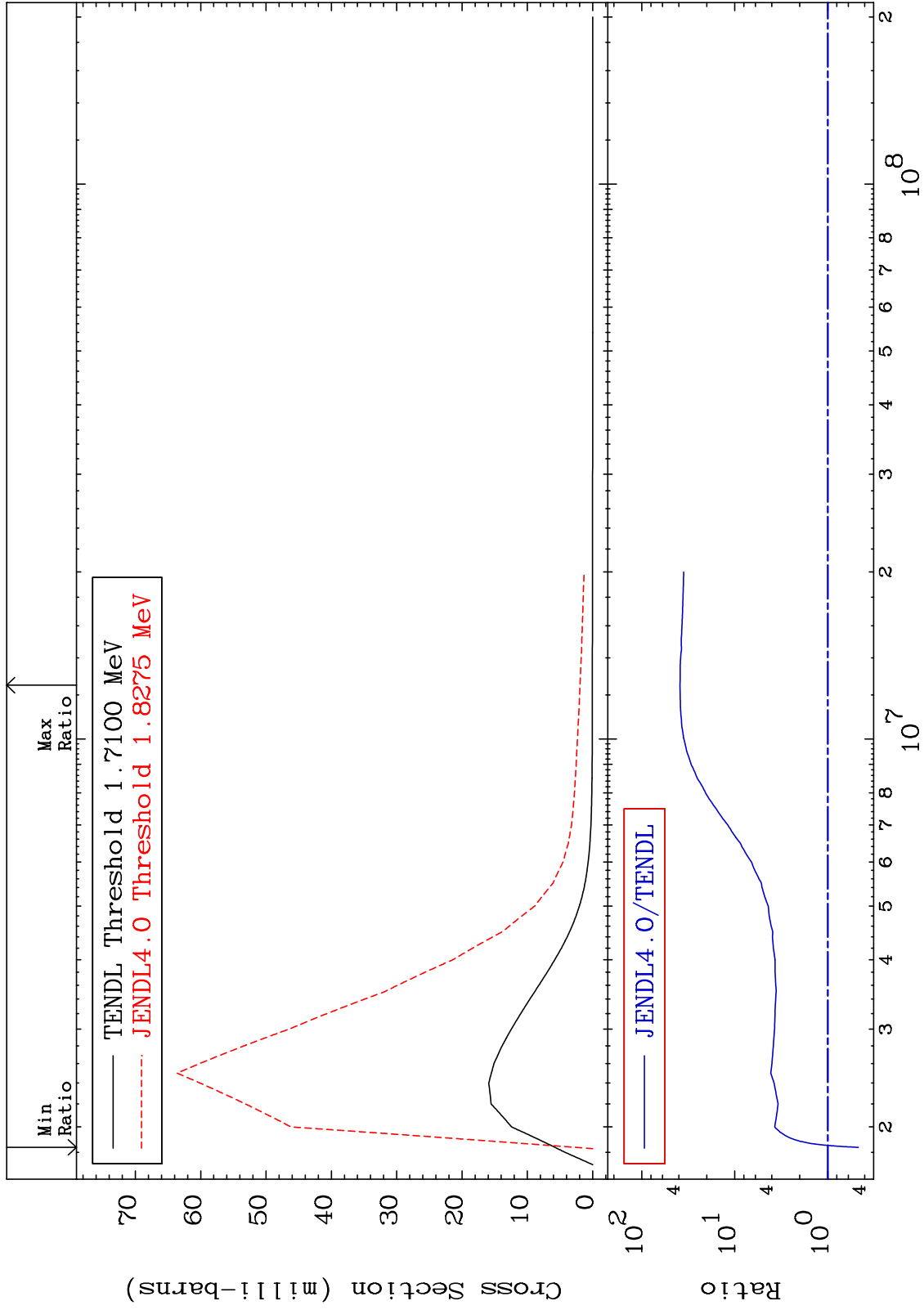
42-Mo-95
-90.02 To 5272. %



MAT 4234

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

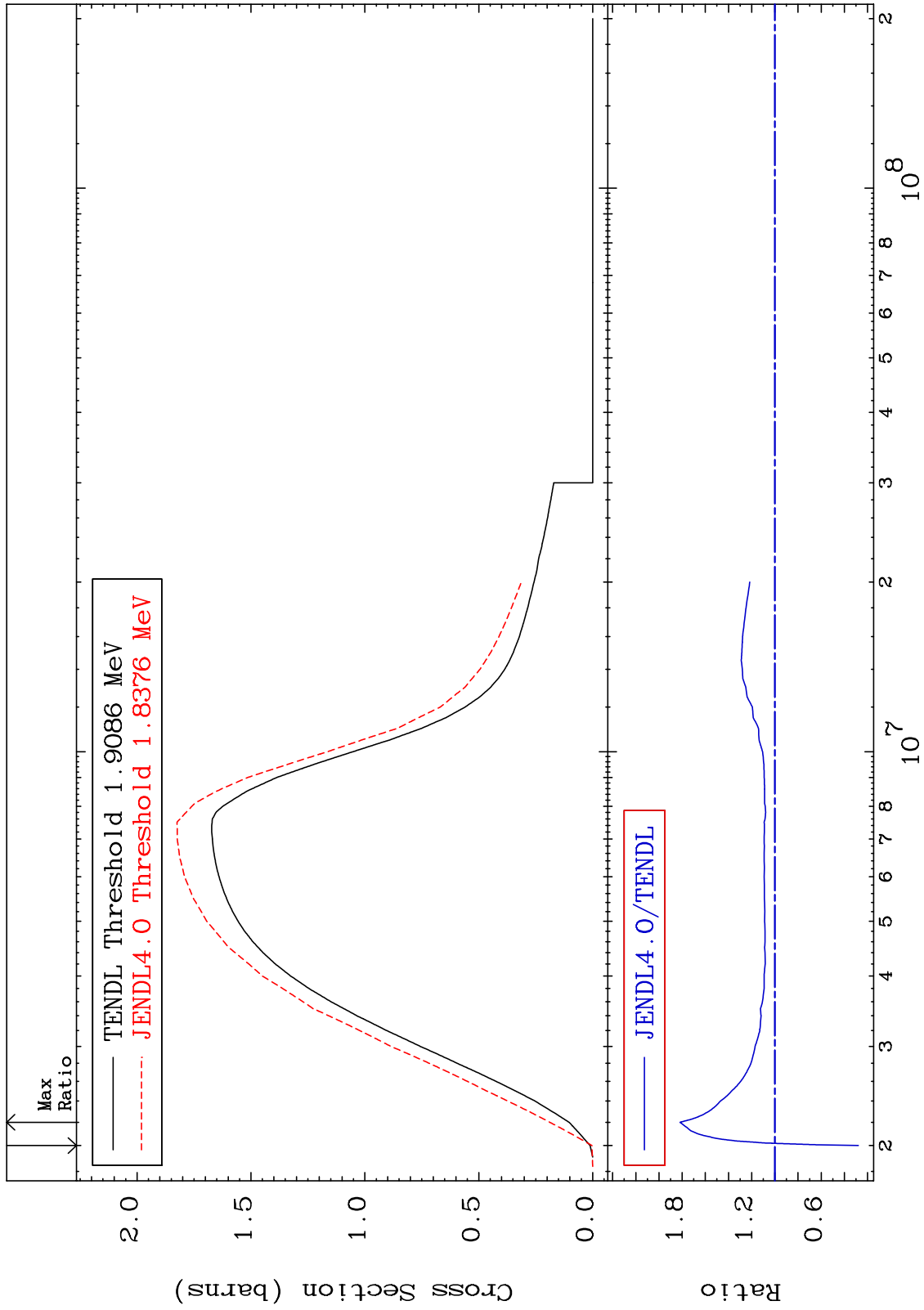
42-Mo-95
-53.23 To 3783. %



MAT 4234

(n, n') Continuum
Cross Section

42-Mo-95
-72.10 To 81.84 %



35

Incident Energy (eV)

42-Mo-95

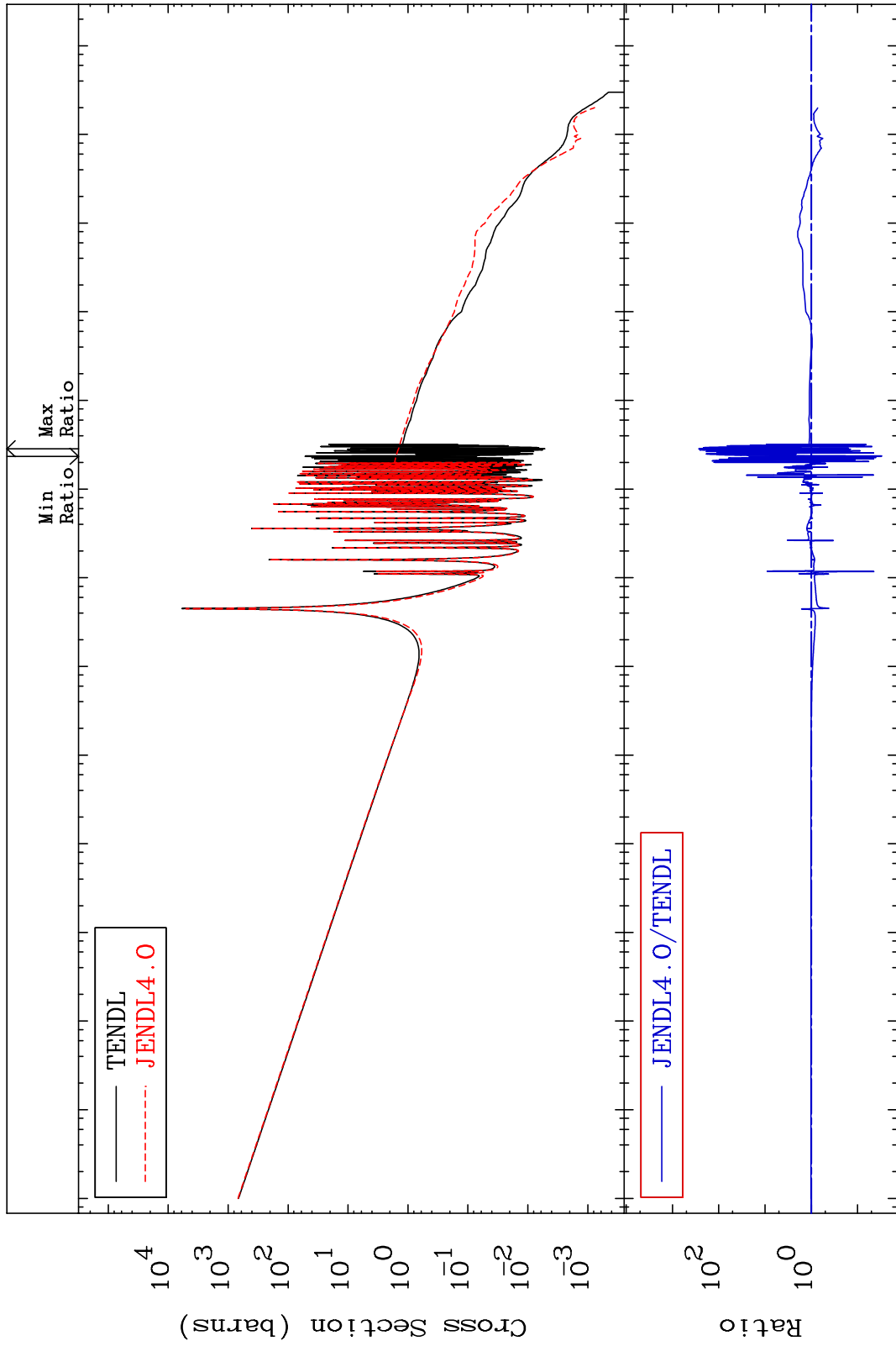
MAT 4234

(n, γ)

42-Mo-95

Cross Section

-96.97 To 9999. %



36

Incident Energy (eV)

42-Mo-95

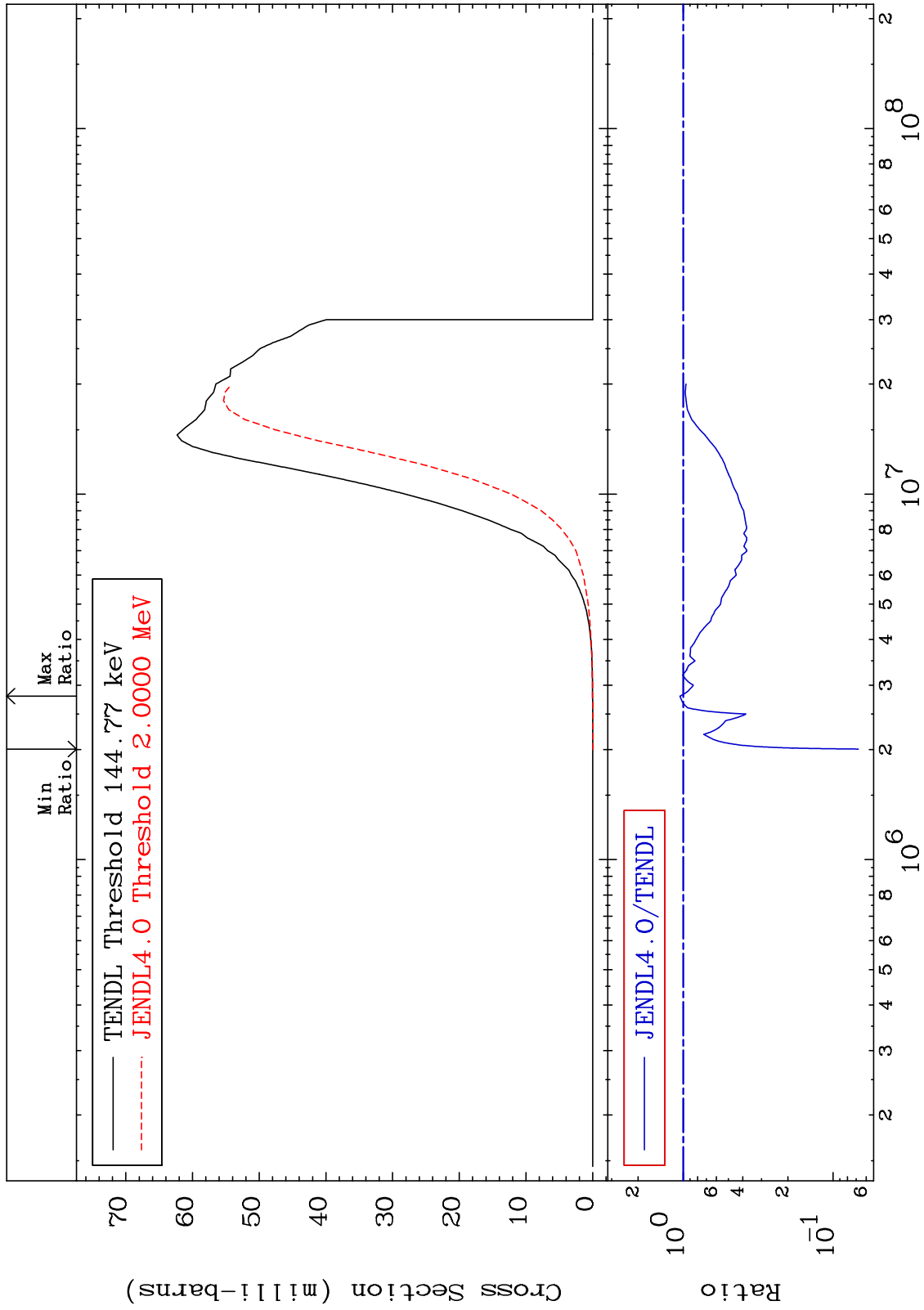
MAT 4234

(n,p)

42-Mo-95

Cross Section

-93.24 To 4.979 %



37

Incident Energy (eV)

42-Mo-95

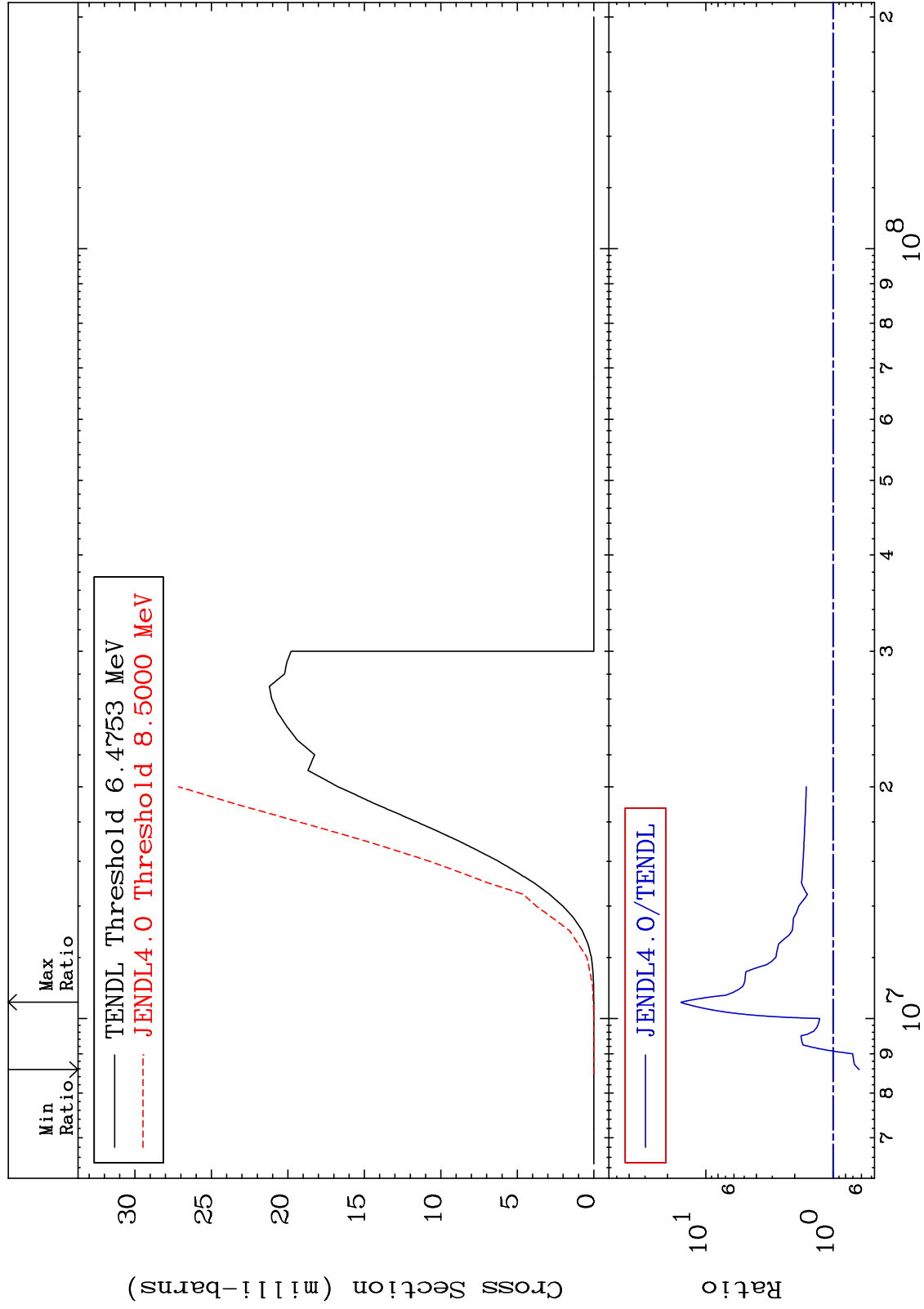
MAT 4234

(n, d)

42-Mo-95

Cross Section

-37.71 To 1463. %



38

Incident Energy (eV)

42-Mo-95

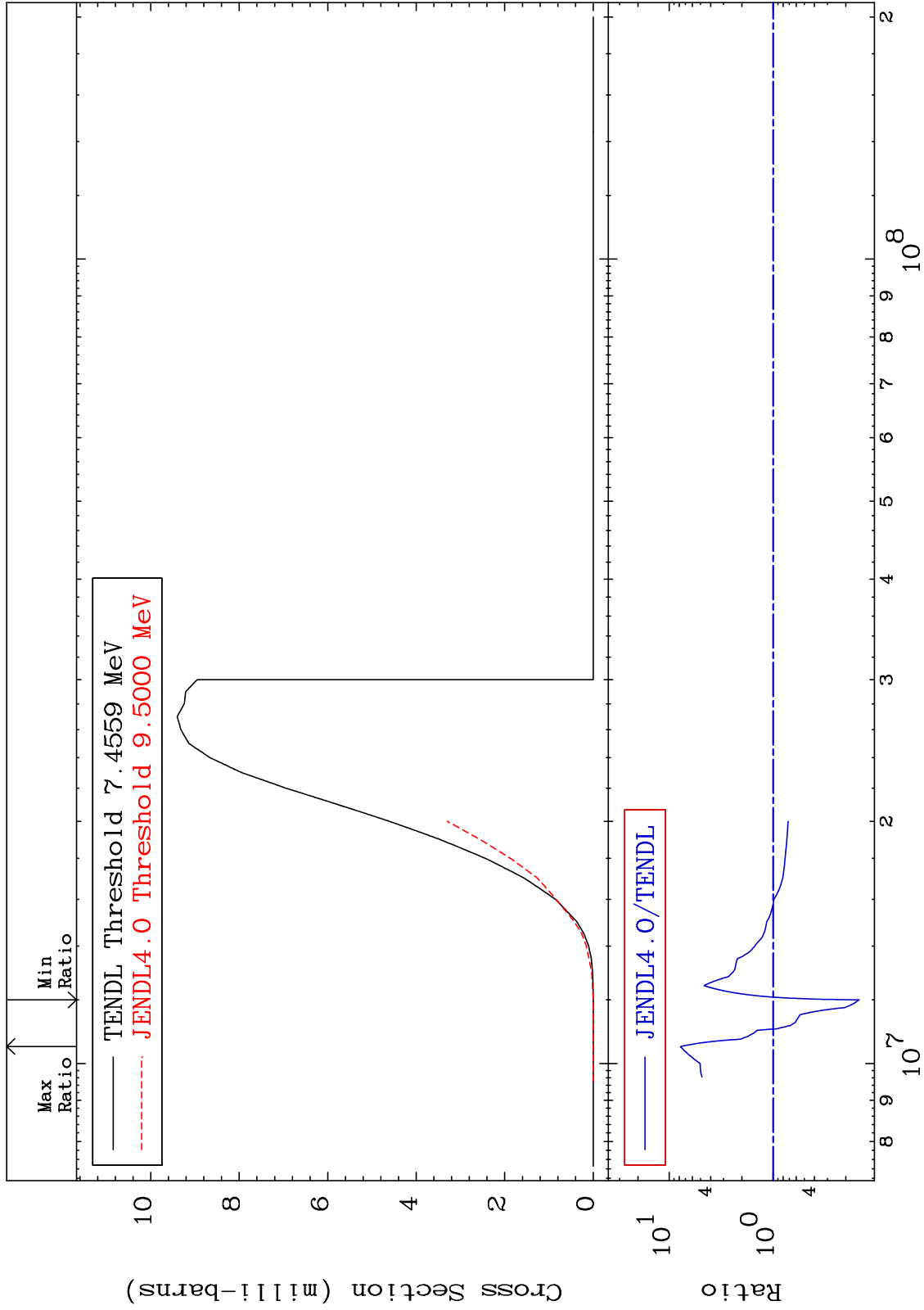
MAT 4234

(n, t)

42-Mo-95

Cross Section

-85.14 To 677.0 %



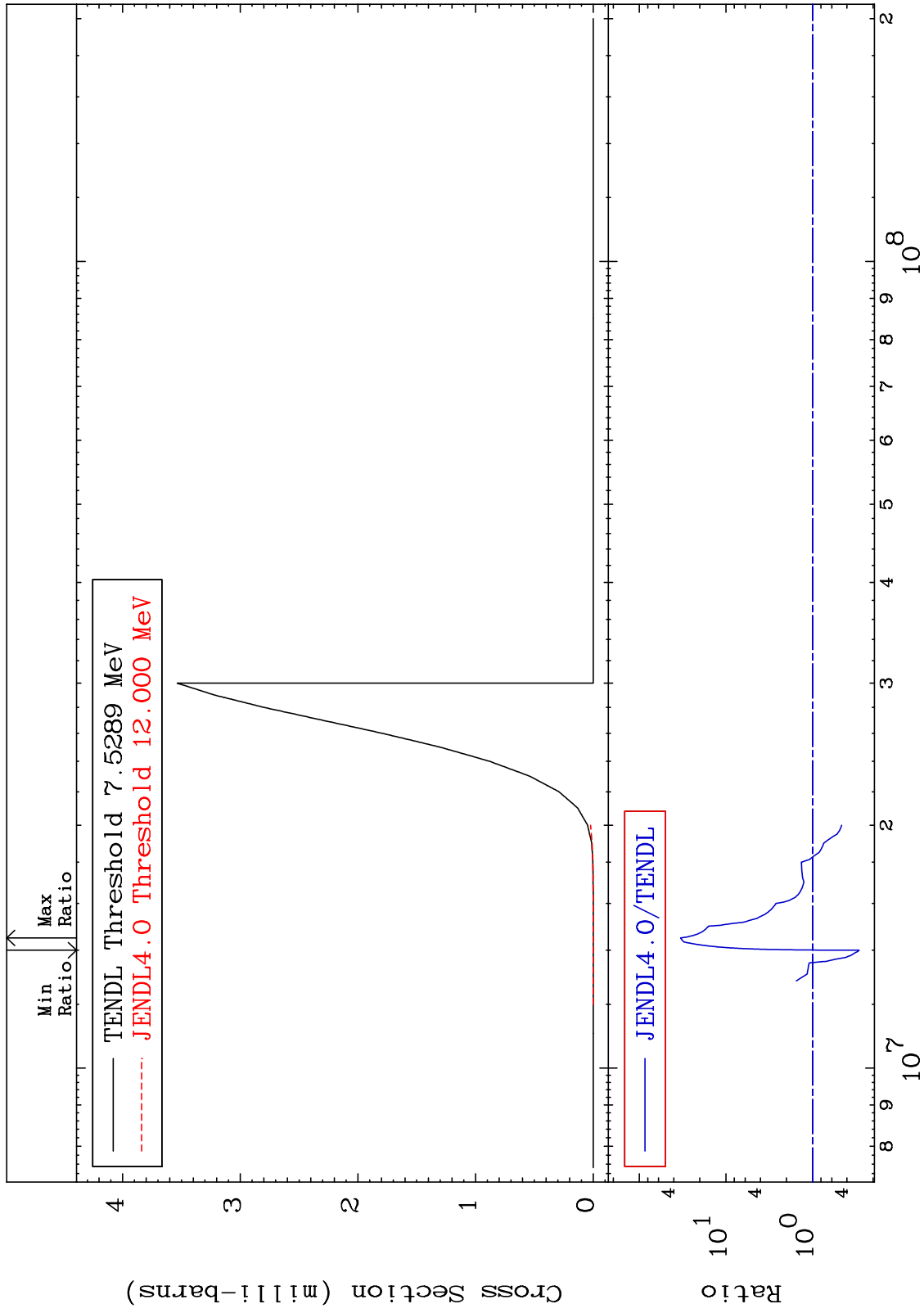
MAT 4234

(n, He-3)

42-Mo-95

Cross Section

-71.07 To 3236. %

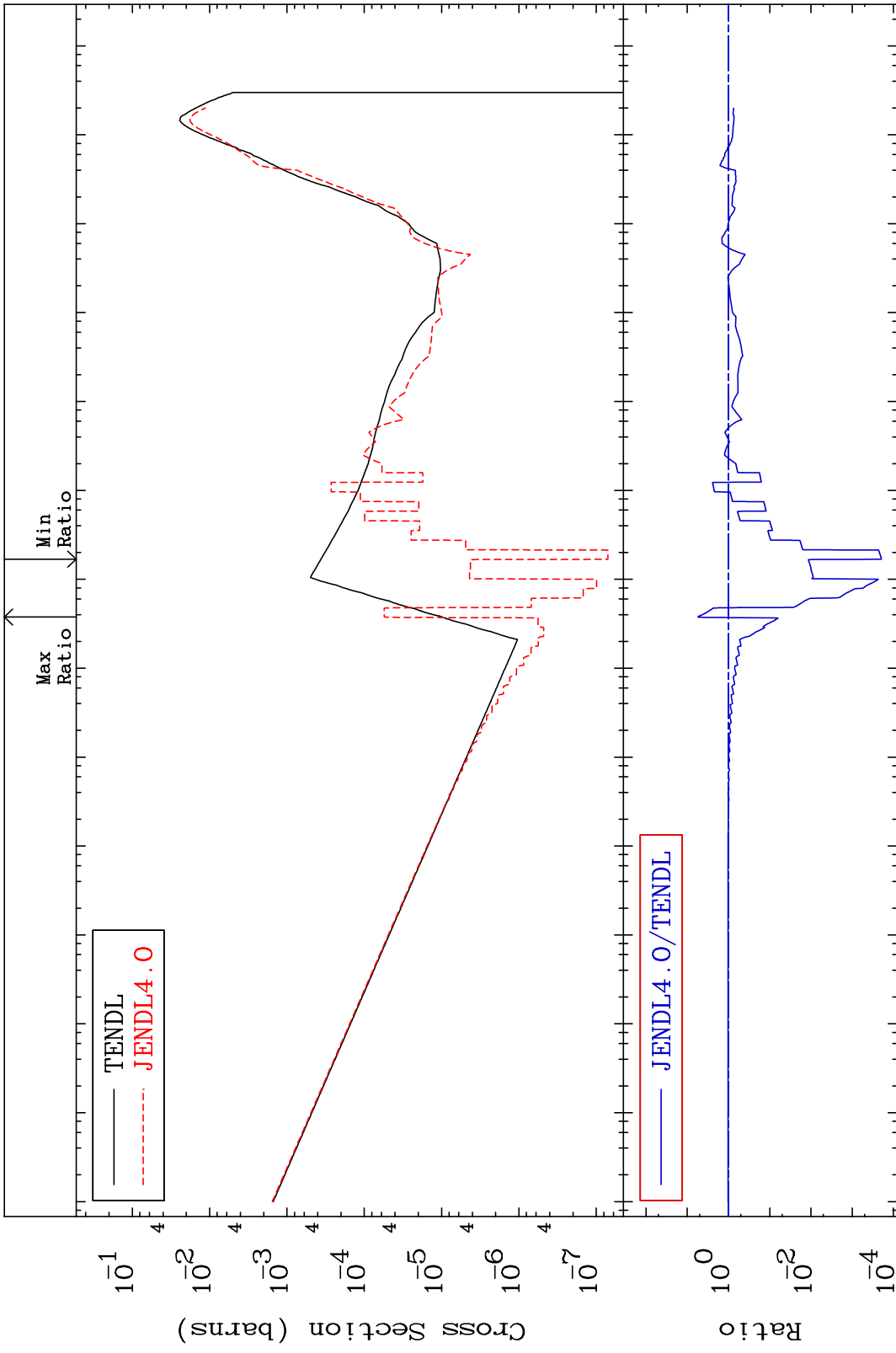


MAT 4234

42-Mo-95

-99.98 To 455.4 %

(n, α)
Cross Section



Incident Energy (eV)

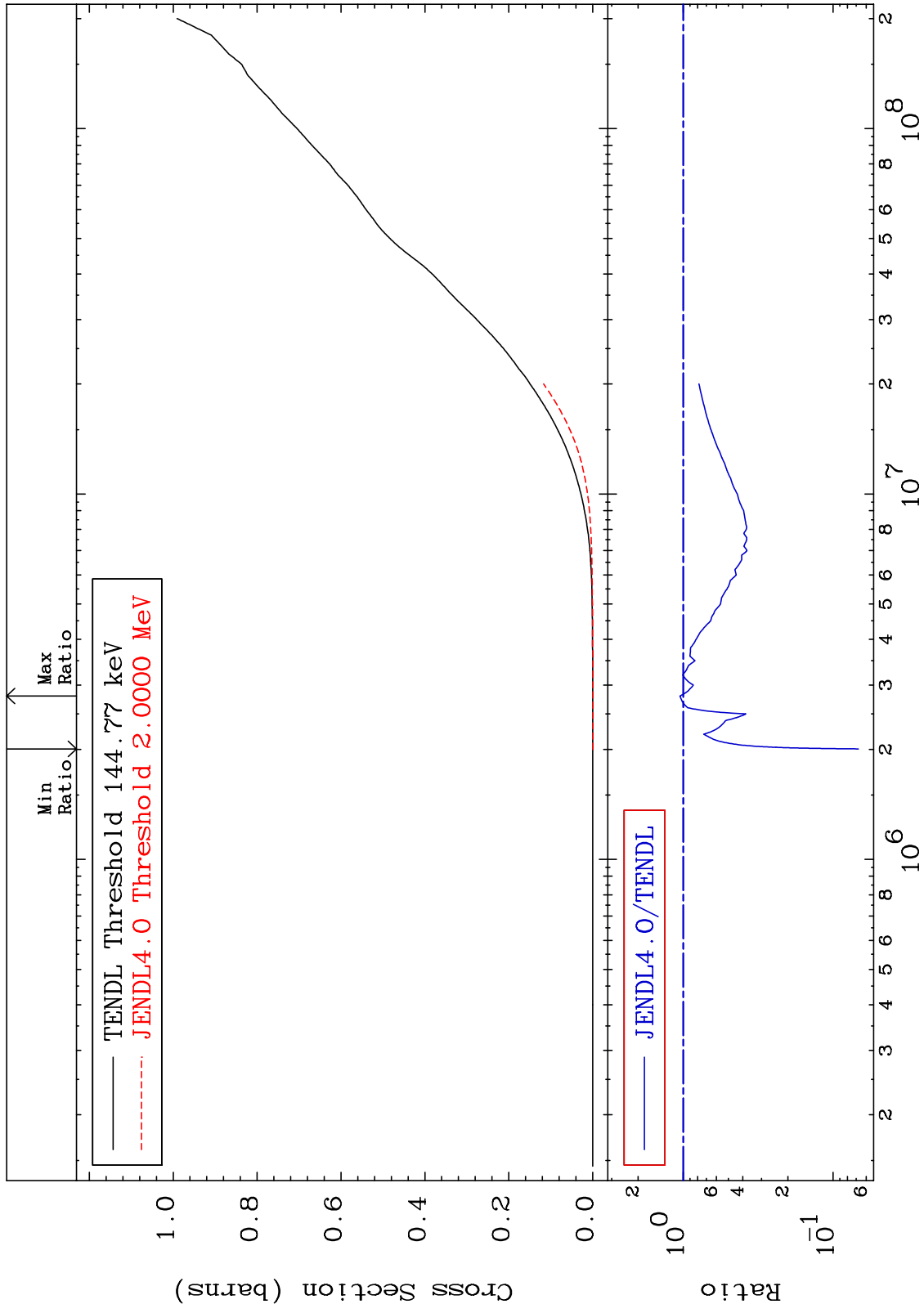
42-Mo-95

41

MAT 4234

Hydrogen Production
Cross Section

42-Mo-95
-93.24 To 4.979 %



42

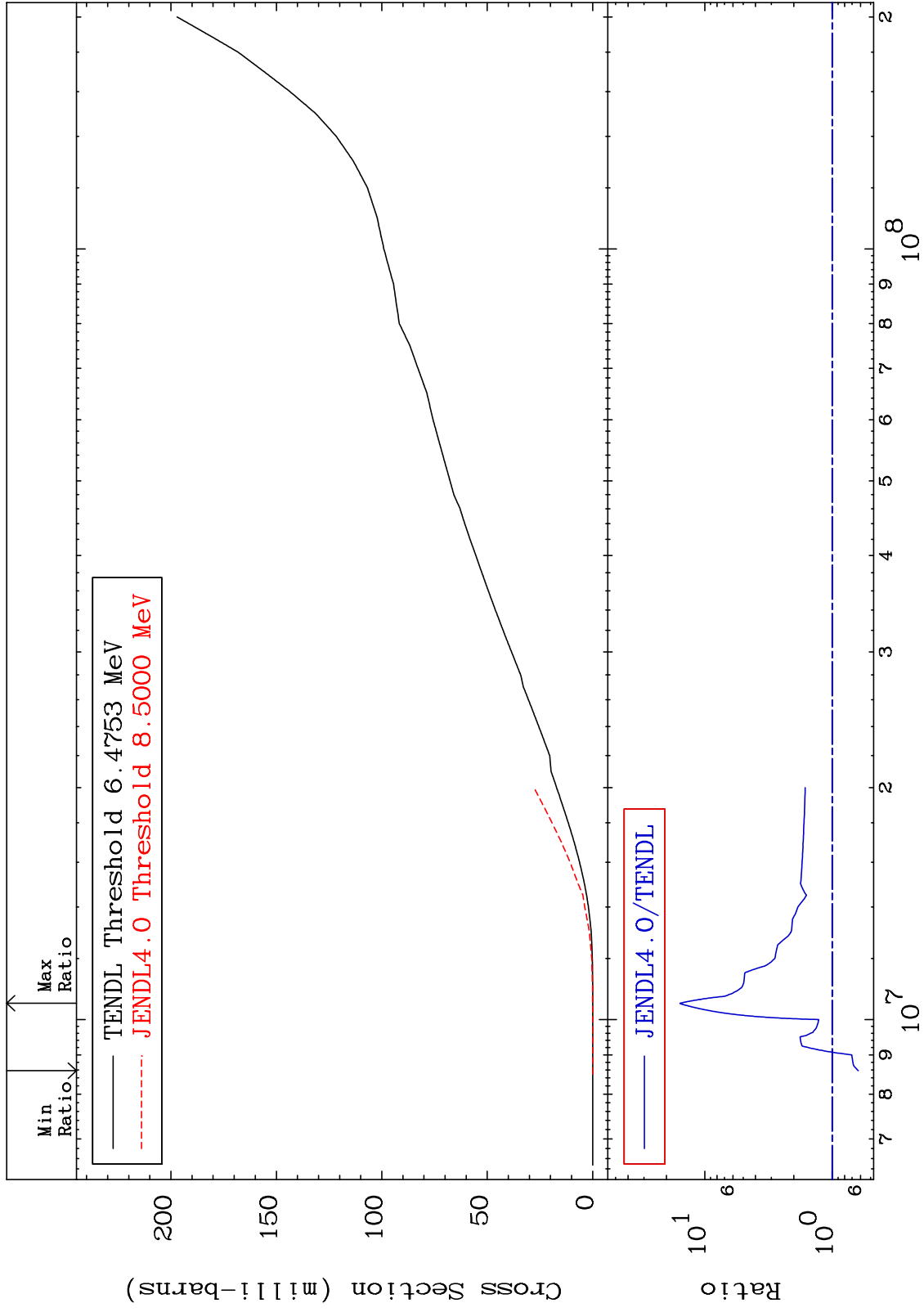
Incident Energy (eV)

42-Mo-95

MAT 4234

Deuterium Production
Cross Section

42-Mo-95
-37.71 To 1463. %



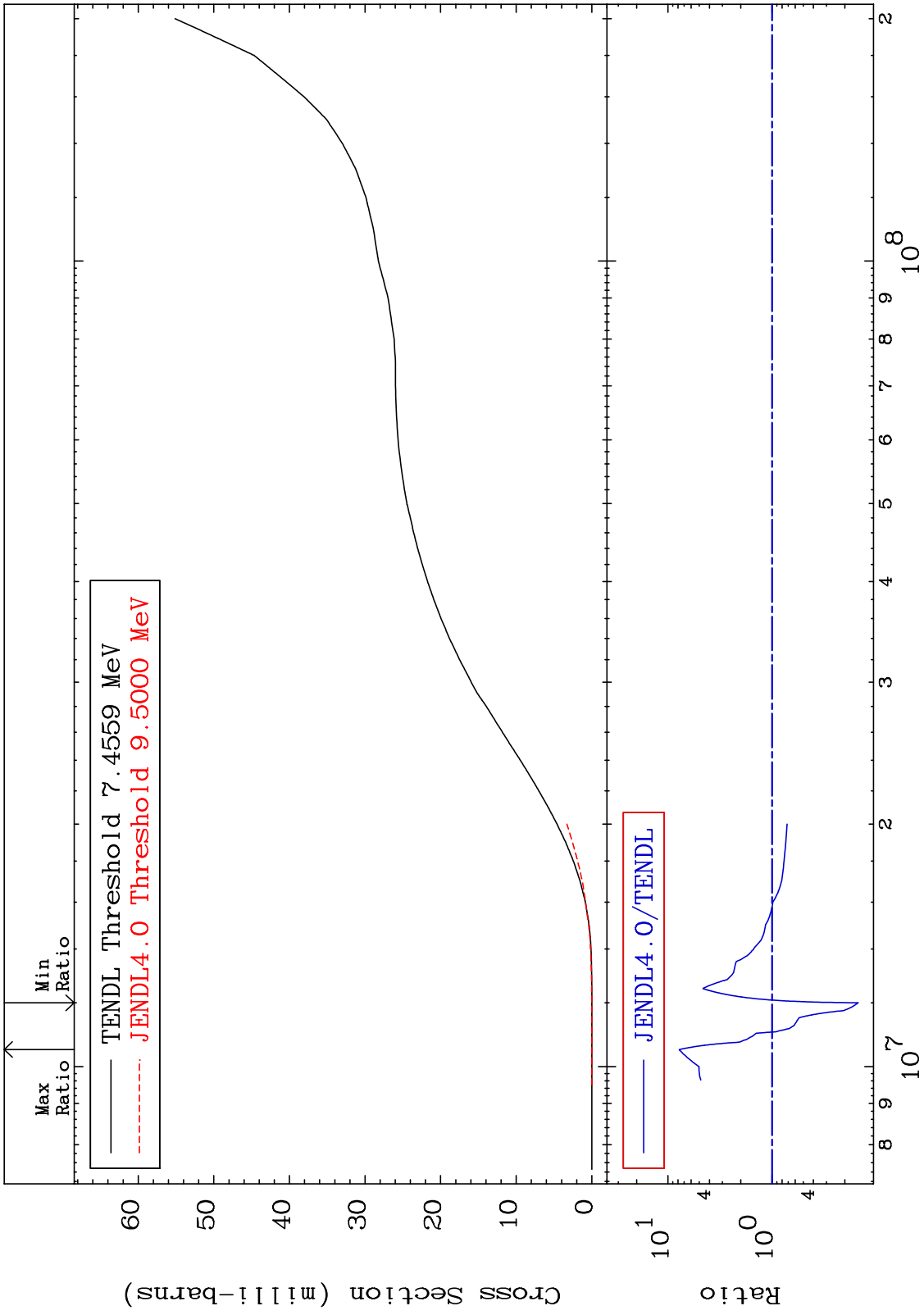
43

42-Mo-95

MAT 4234

Tritium Production
Cross Section

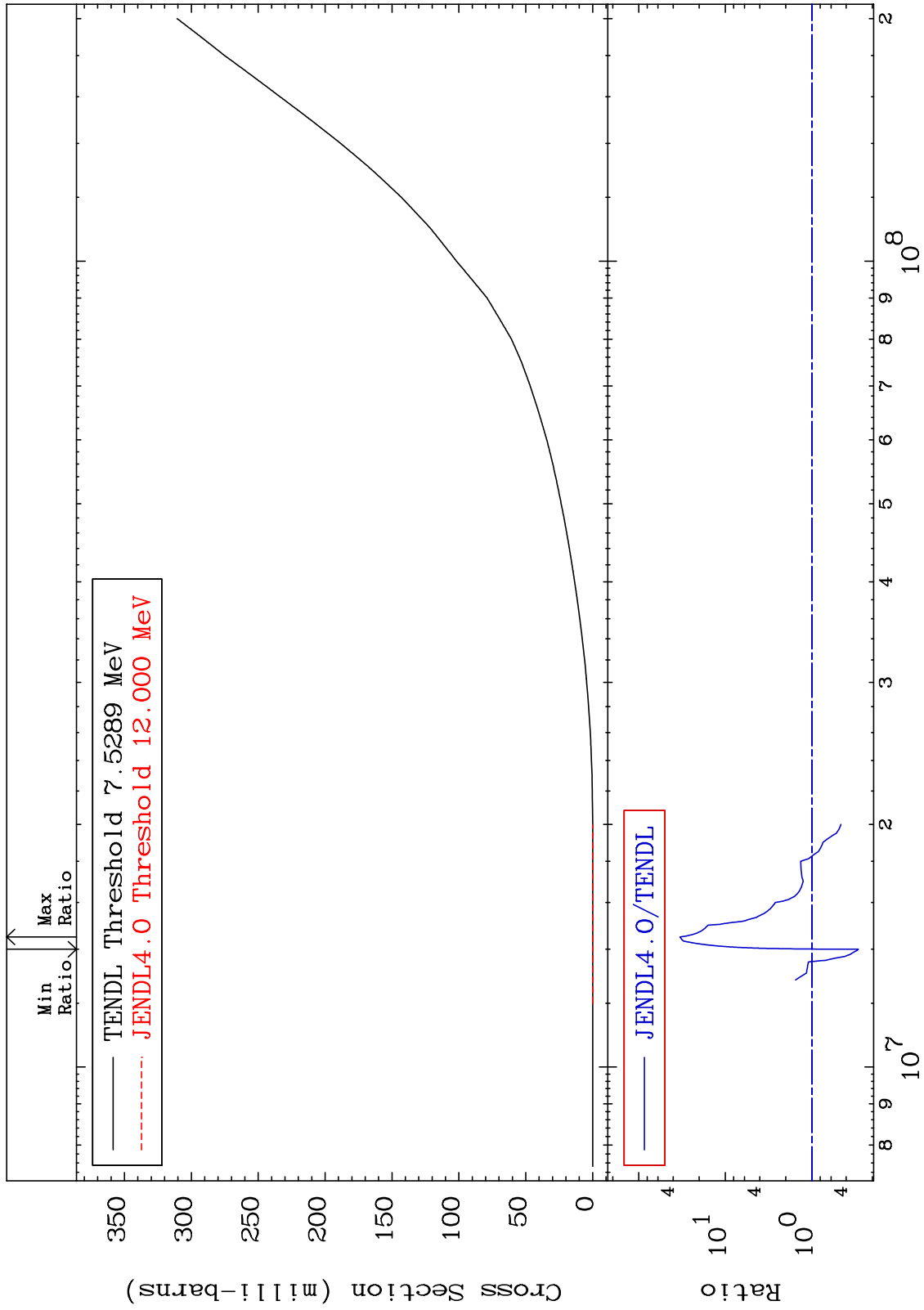
42-Mo-95
-85.14 To 677.0 %



MAT 4234

He-3 Production
Cross Section

42-Mo-95
-71.07 To 3236. %



45

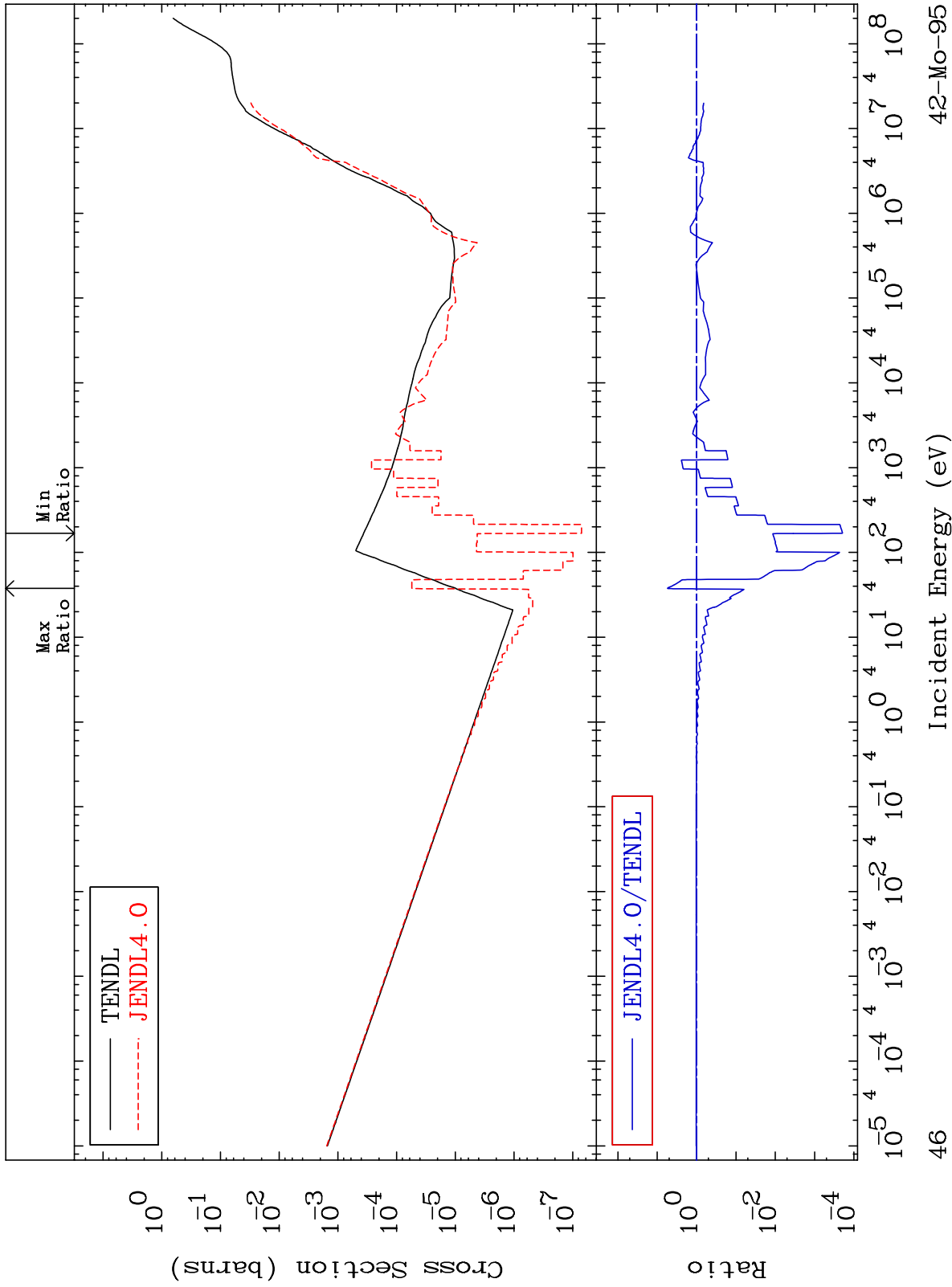
Incident Energy (eV)

42-Mo-95

MAT 4234

He-4 Production
Cross Section

42-Mo-95
-99.98 To 455.4 %



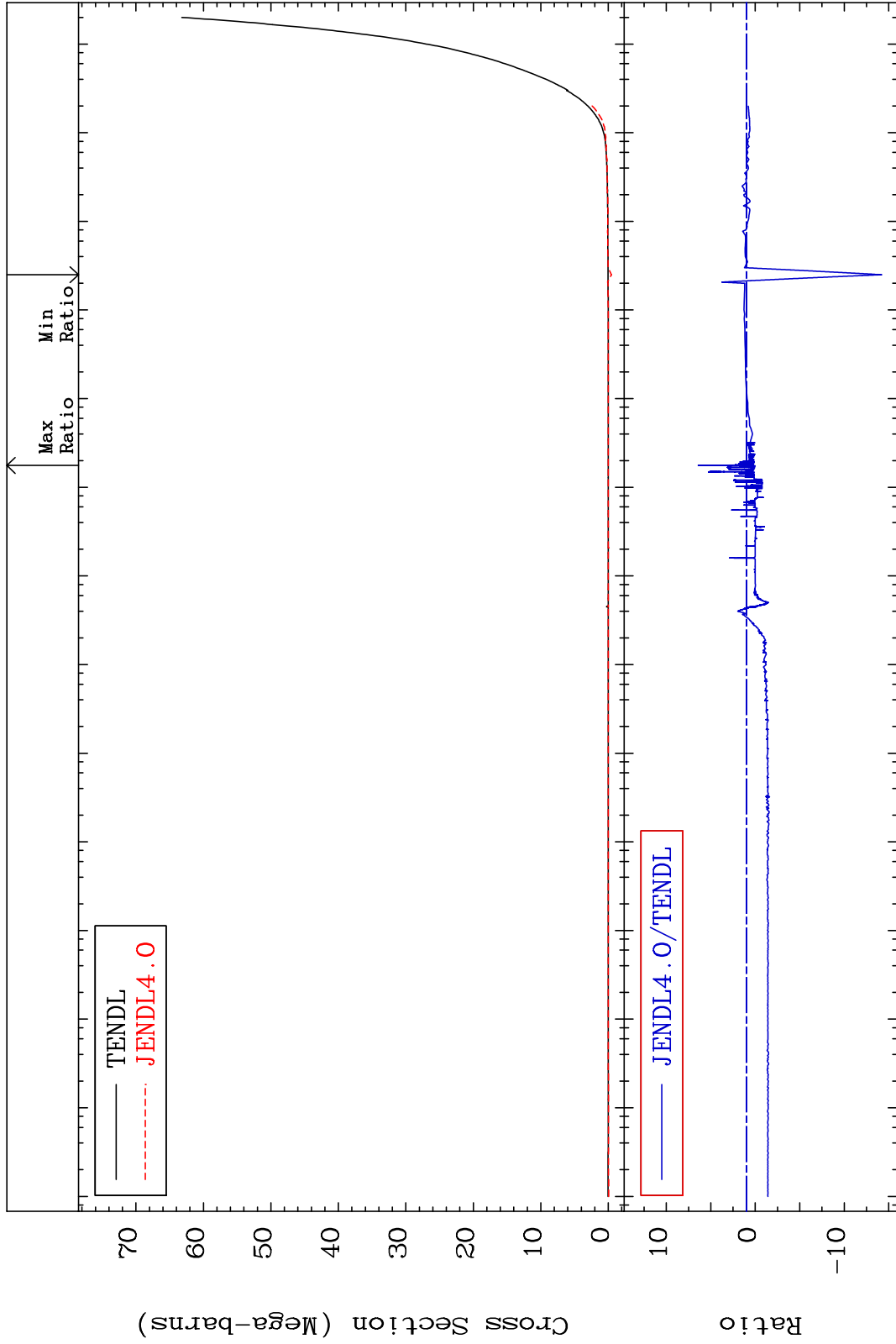
46

42-Mo-95

MAT 4234

Kerma total (eV-barns)
Cross Section

42-Mo-95
-1519. To 539.8 %



47

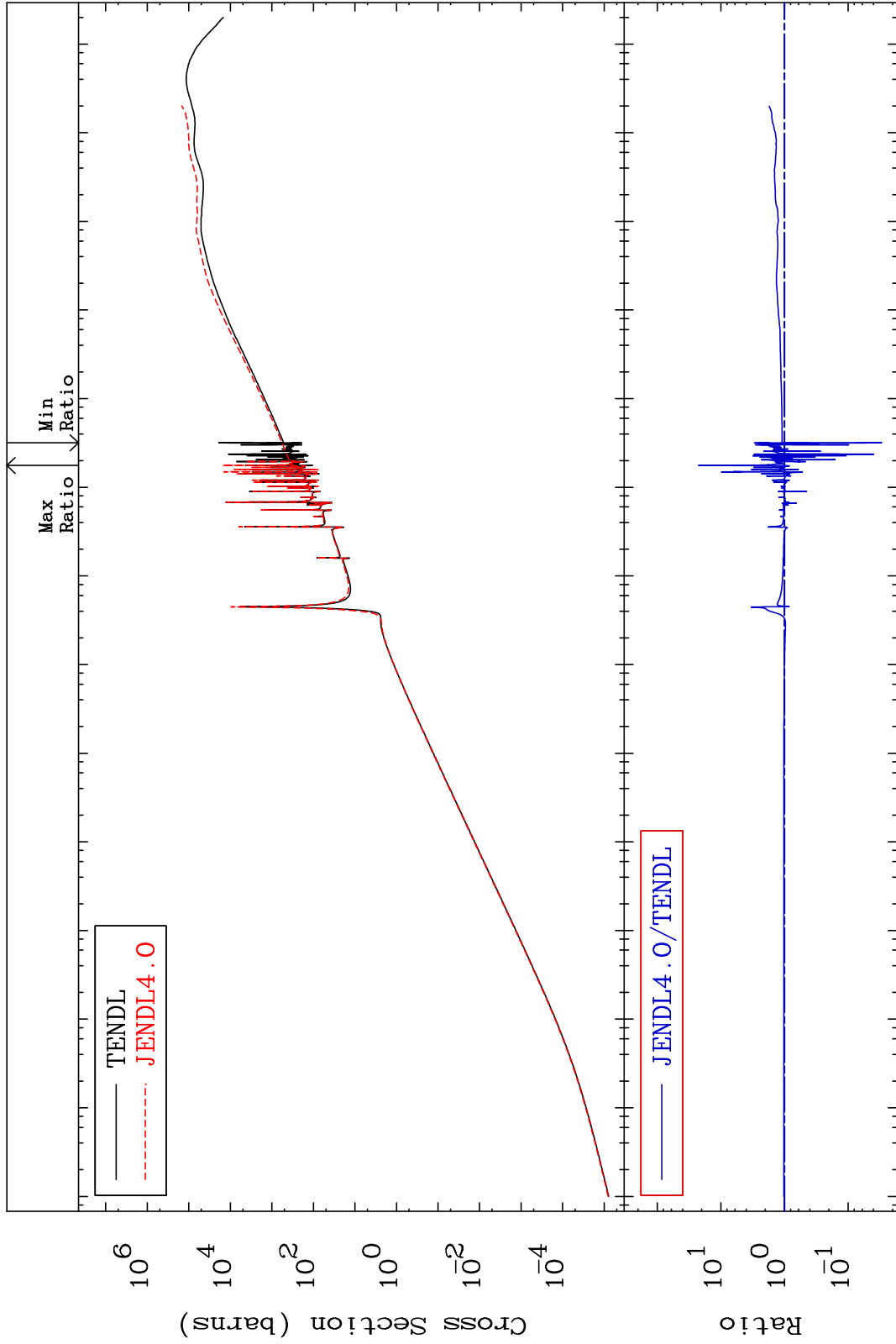
Incident Energy (eV)

42-Mo-95

MAT 4234

Kerma elastic
Cross Section

42-Mo-95
-97.02 To 2155. %



48

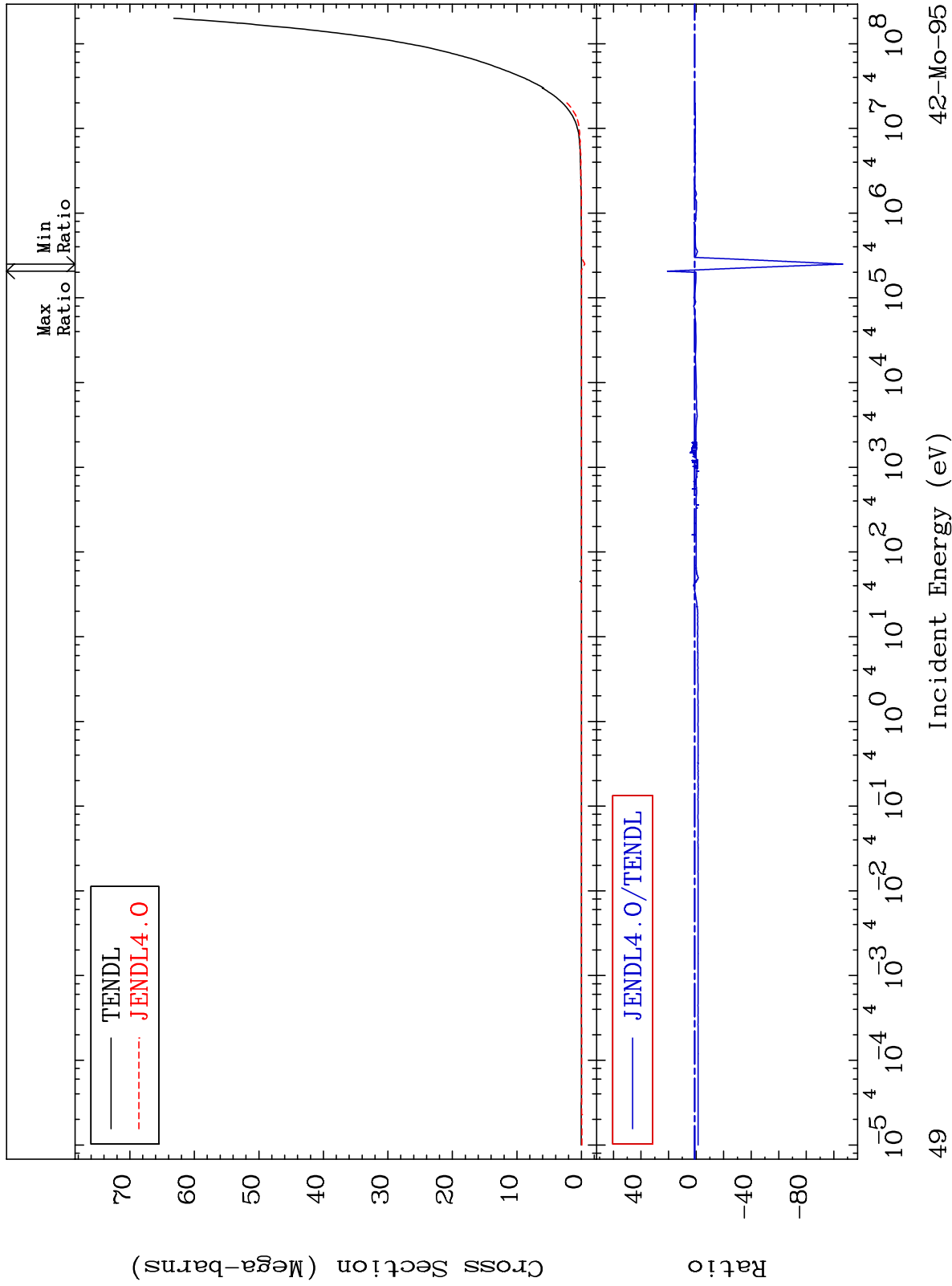
Incident Energy (eV)

42-Mo-95

MAT 4234

Kerma non-elastic (all but mt2)
Cross Section

42-Mo-95
-9999. To 1975. %



49

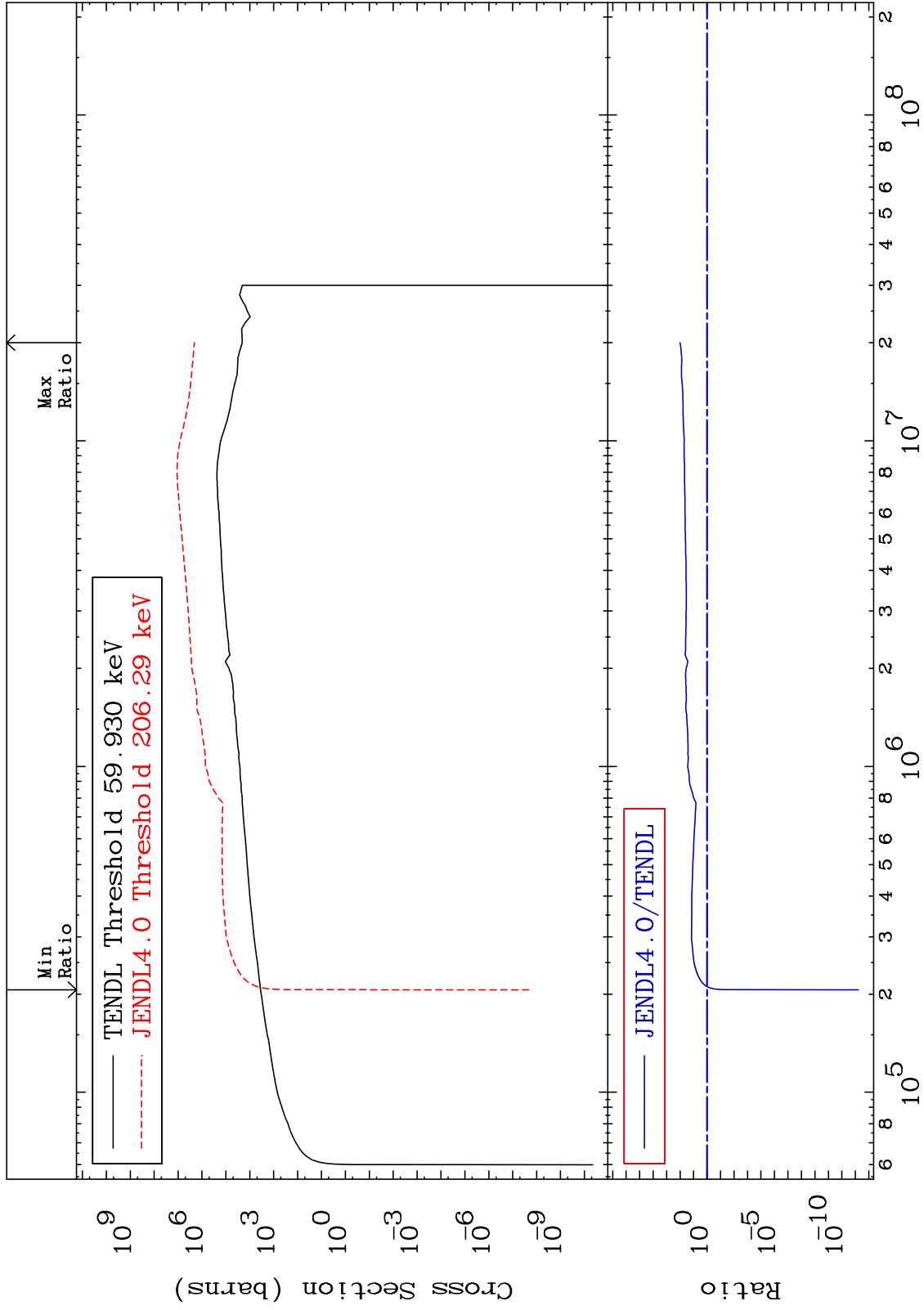
Incident Energy (eV)

42-Mo-95

MAT 4234

Kerma inelastic (mt51-91)
Cross Section

42-Mo-95
-100.0 To 9999. %



50

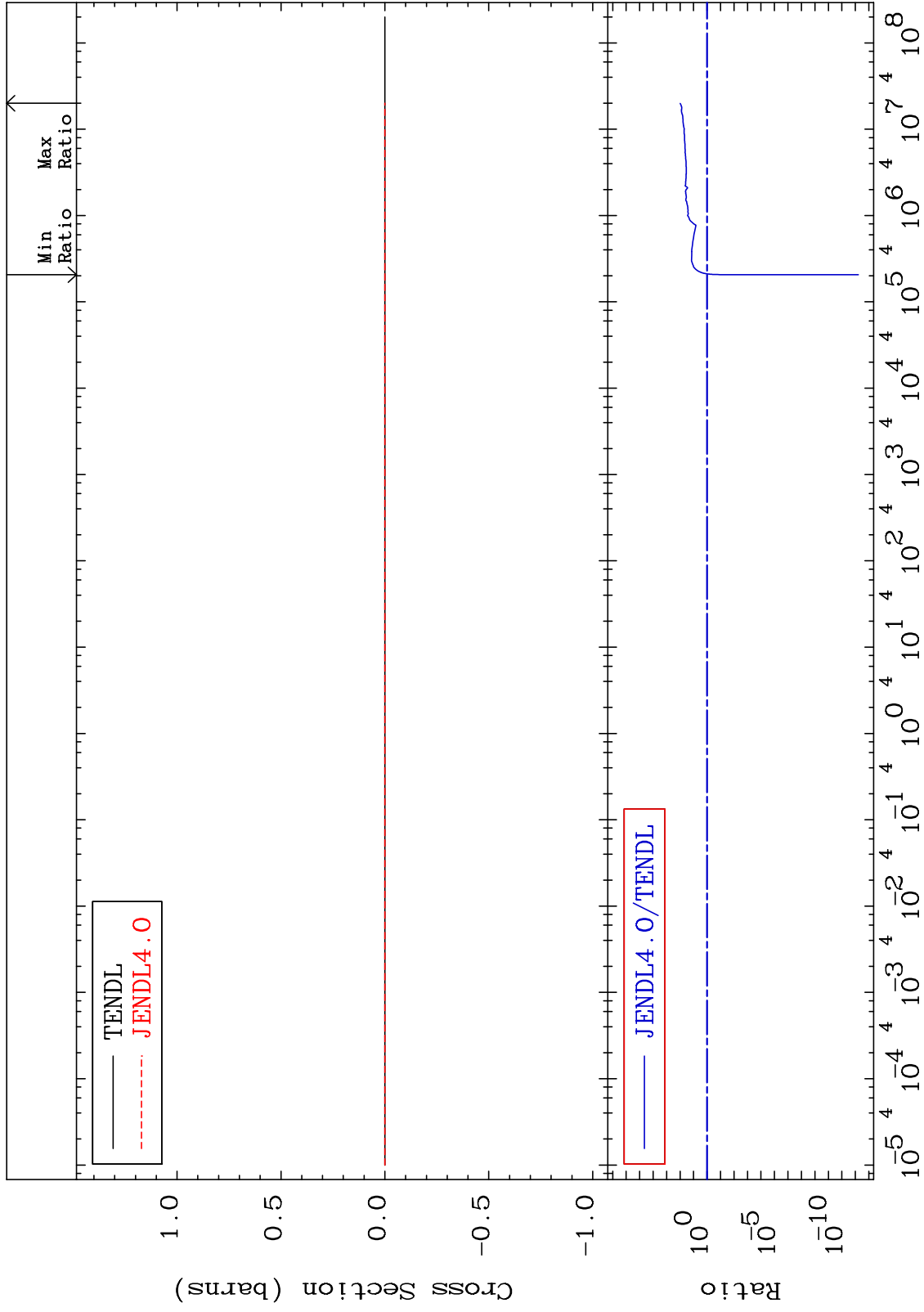
Incident Energy (eV)

42-Mo-95

MAT 4234

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

42-Mo-95
-100.0 To 9999. %



51

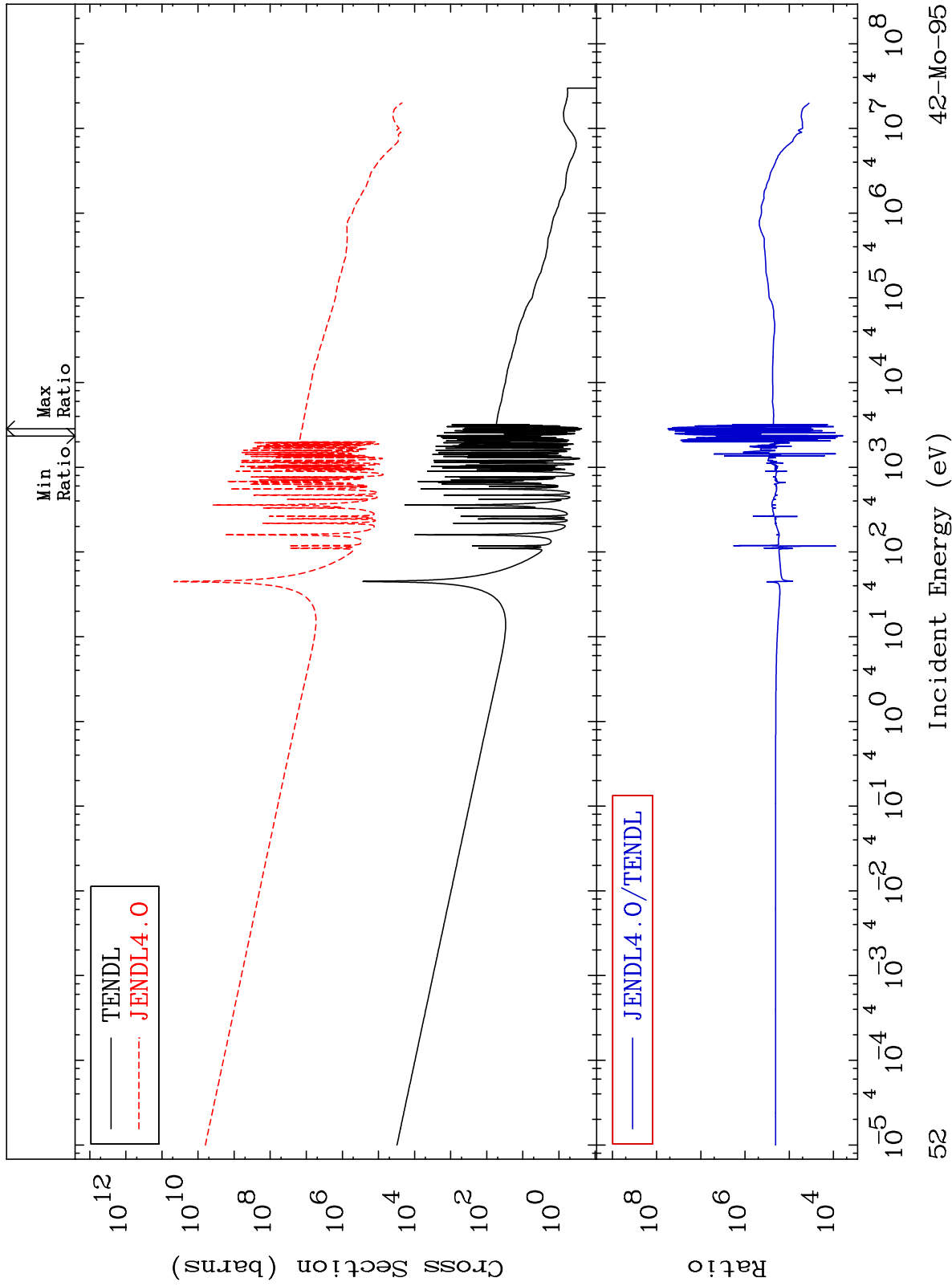
Incident Energy (eV)

42-Mo-95

MAT 4234

Kerma capture (mt102)
Cross Section

42-Mo-95
9999. To 9999. %



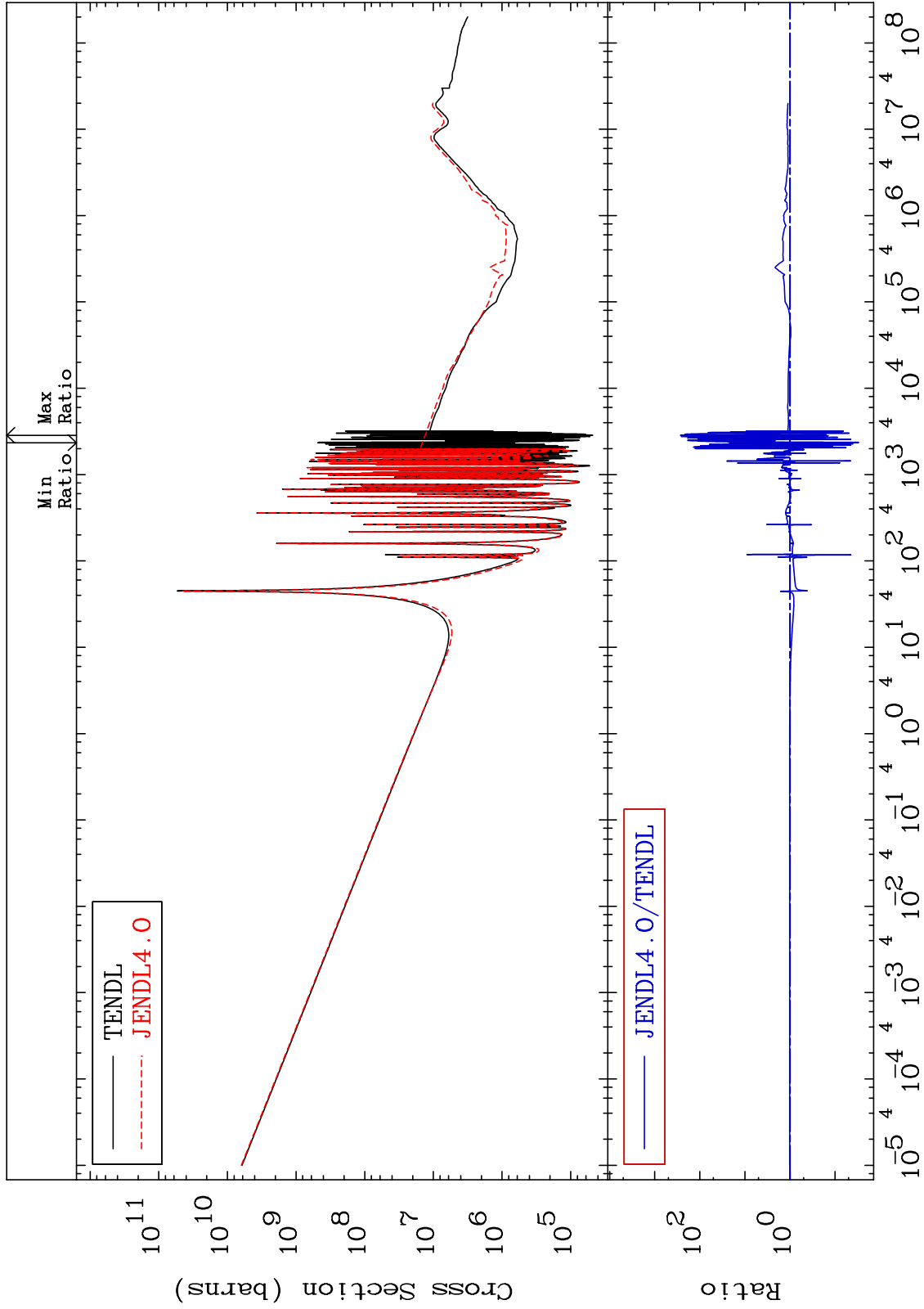
52

42-Mo-95

MAT 4234

Total photon (eV-barns)
Cross Section

42-Mo-95
-96.97 To 9999. %



53

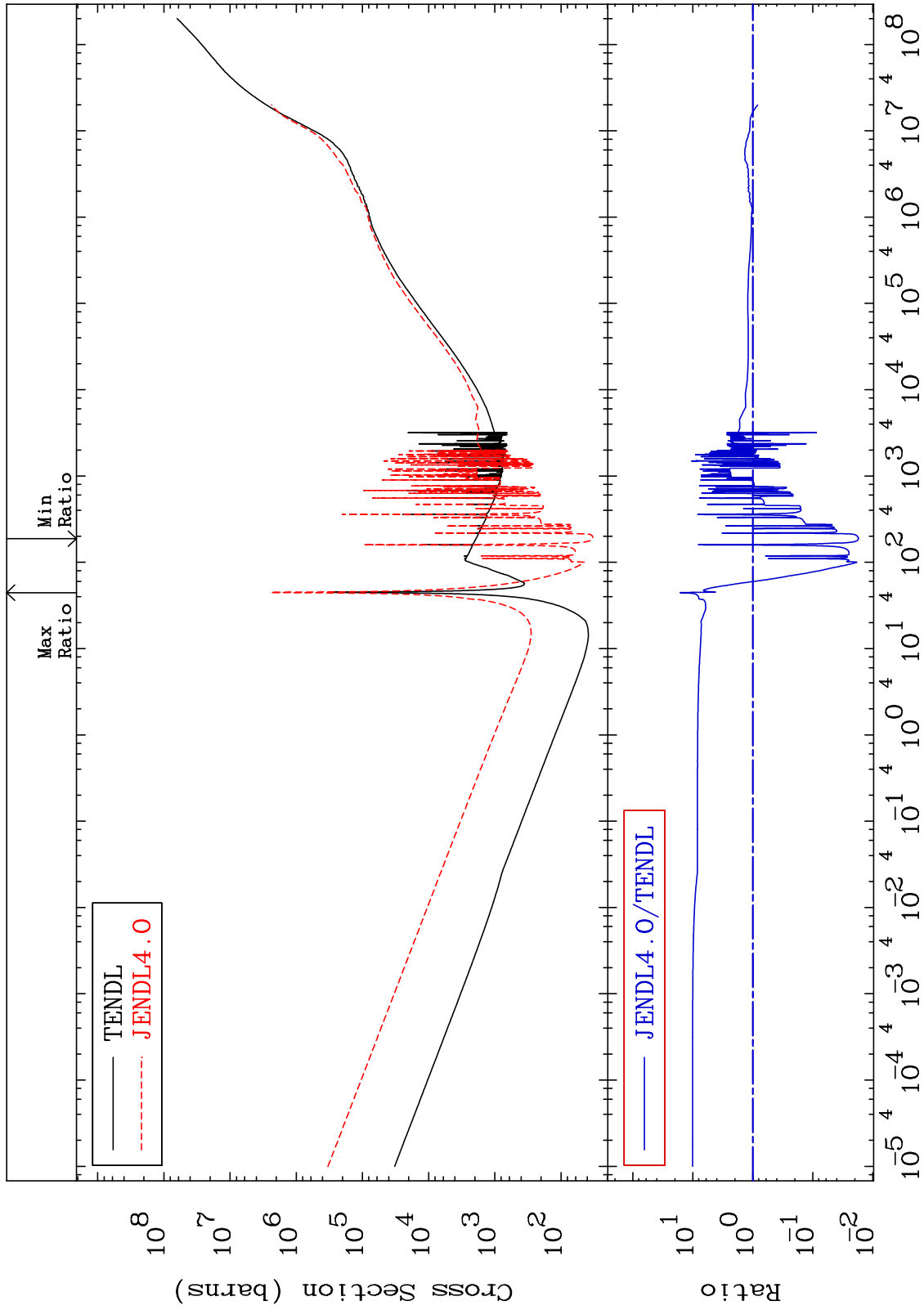
Incident Energy (eV)

42-Mo-95

MAT 4234

Total kinematic kerma (high limit)
Cross Section

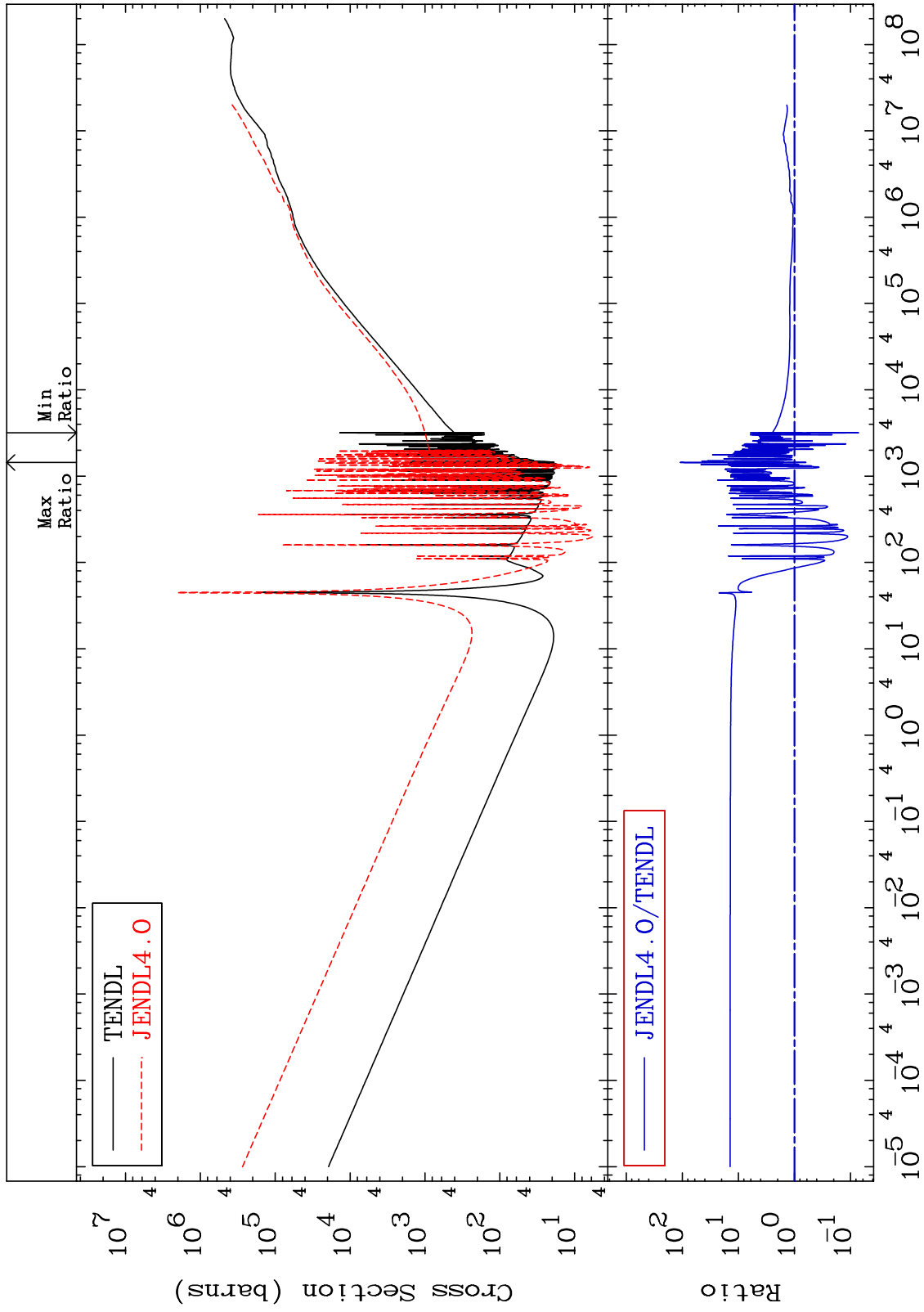
42-Mo-95
-98.26 To 1540. %



MAT 4234

Dpa total (eV-barns)
Cross Section

42-Mo-95
-92.77 To 9999. %



55

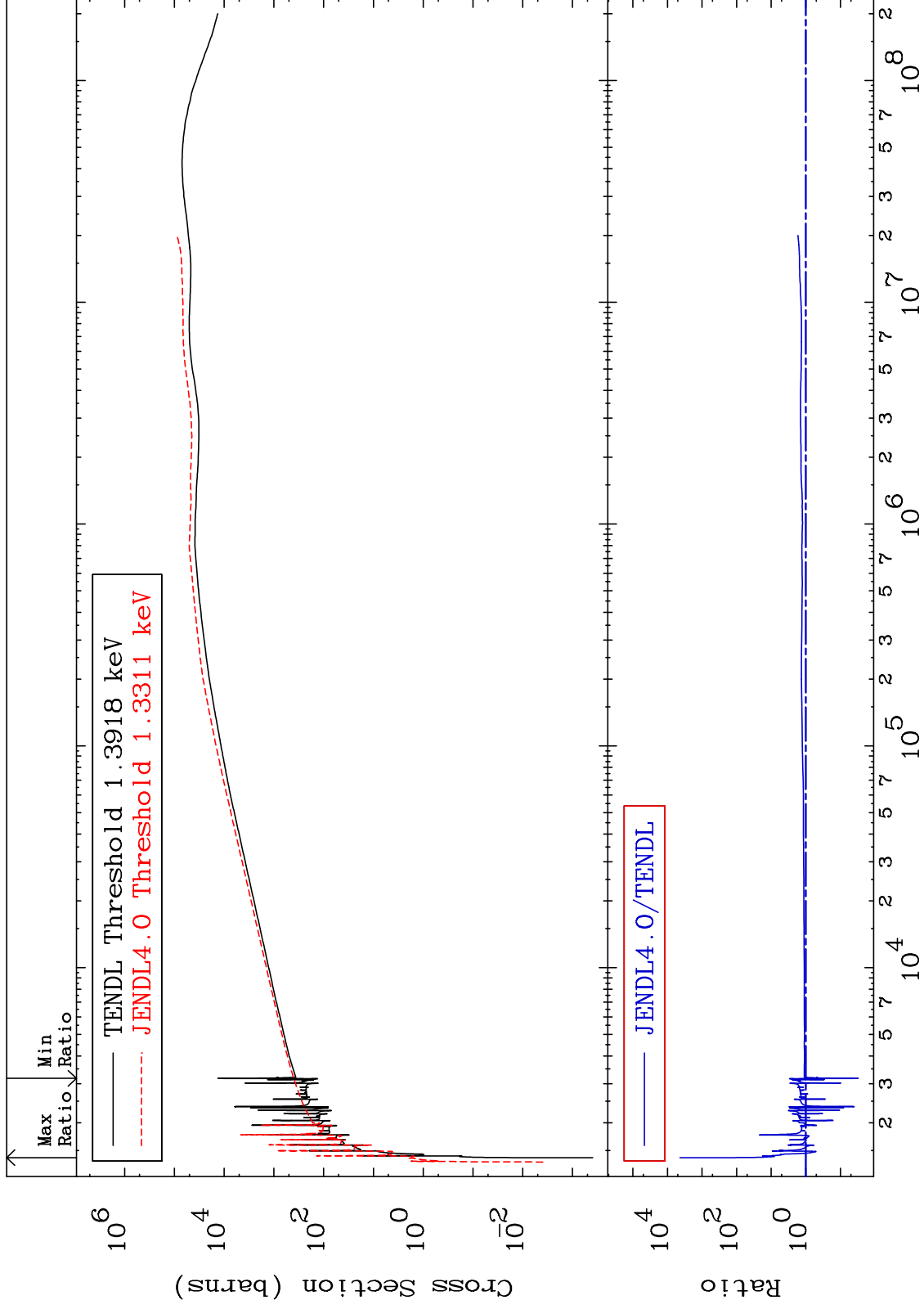
Incident Energy (eV)

42-Mo-95

MAT 4234

Dpa elastic (mt2)
Cross Section

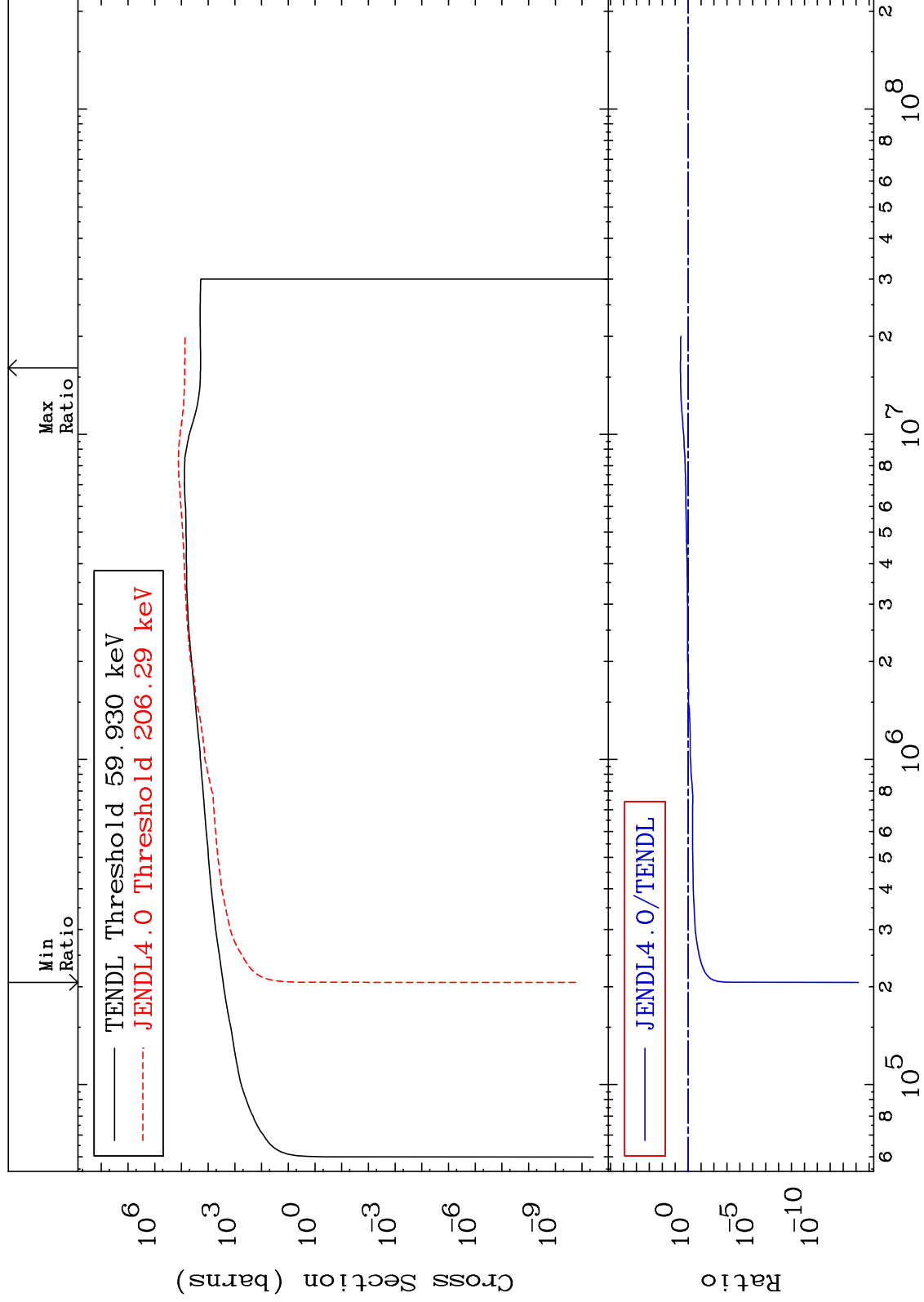
42-Mo-95
-96.98 To 9999. %



MAT 4234

Dpa inelastic (mt51-91)
Cross Section

42-Mo-95
-100.0 To 291.7 %



57

Incident Energy (eV)

42-Mo-95

MAT 4234

Dpa disappearance (mt102 -120)
Cross Section

42-Mo-95
-88.80 To 9999. %

