

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

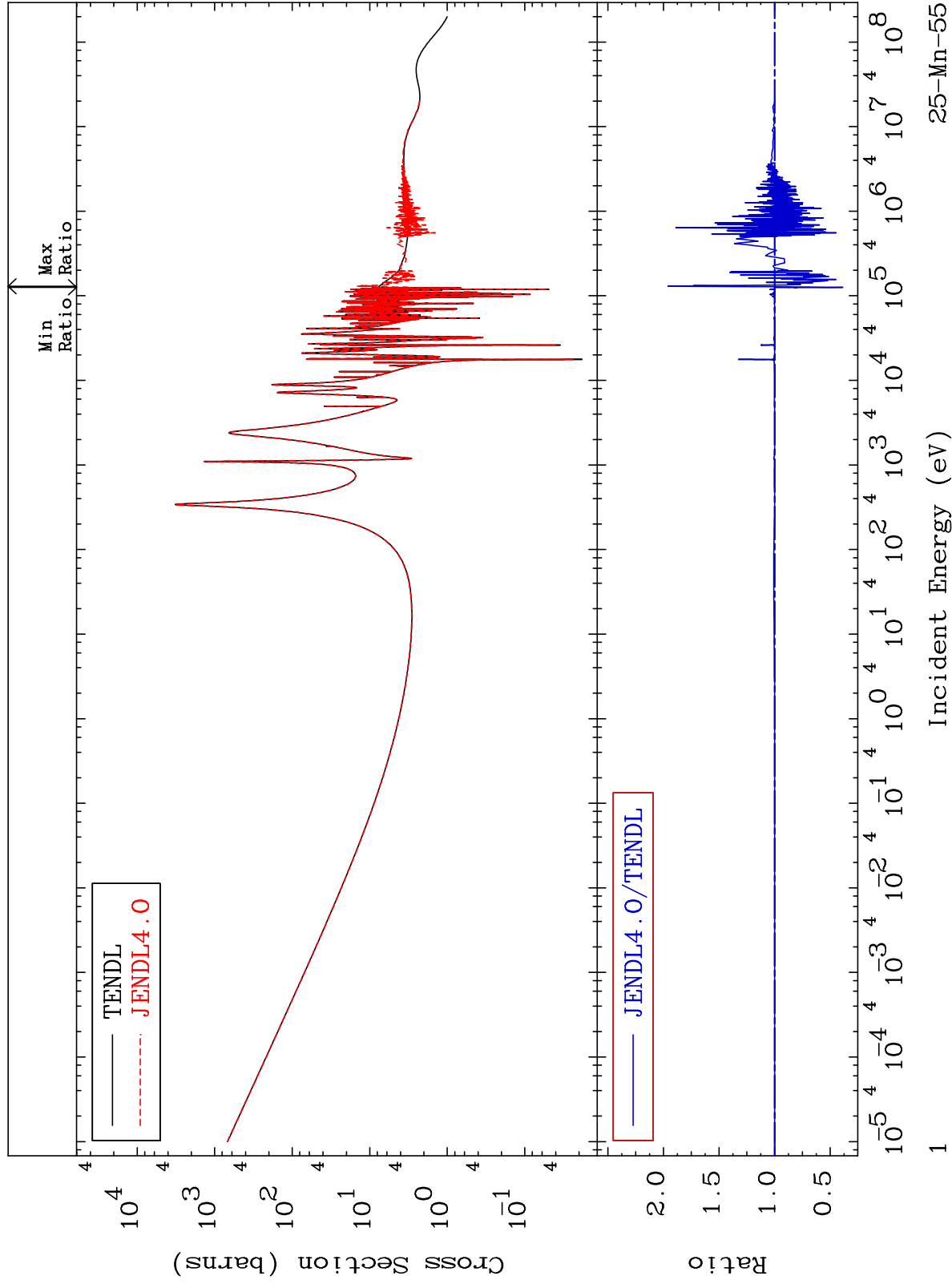
MAT 2525

Total

25-Mn-55

Cross Section

-61.33 To 95.91 %



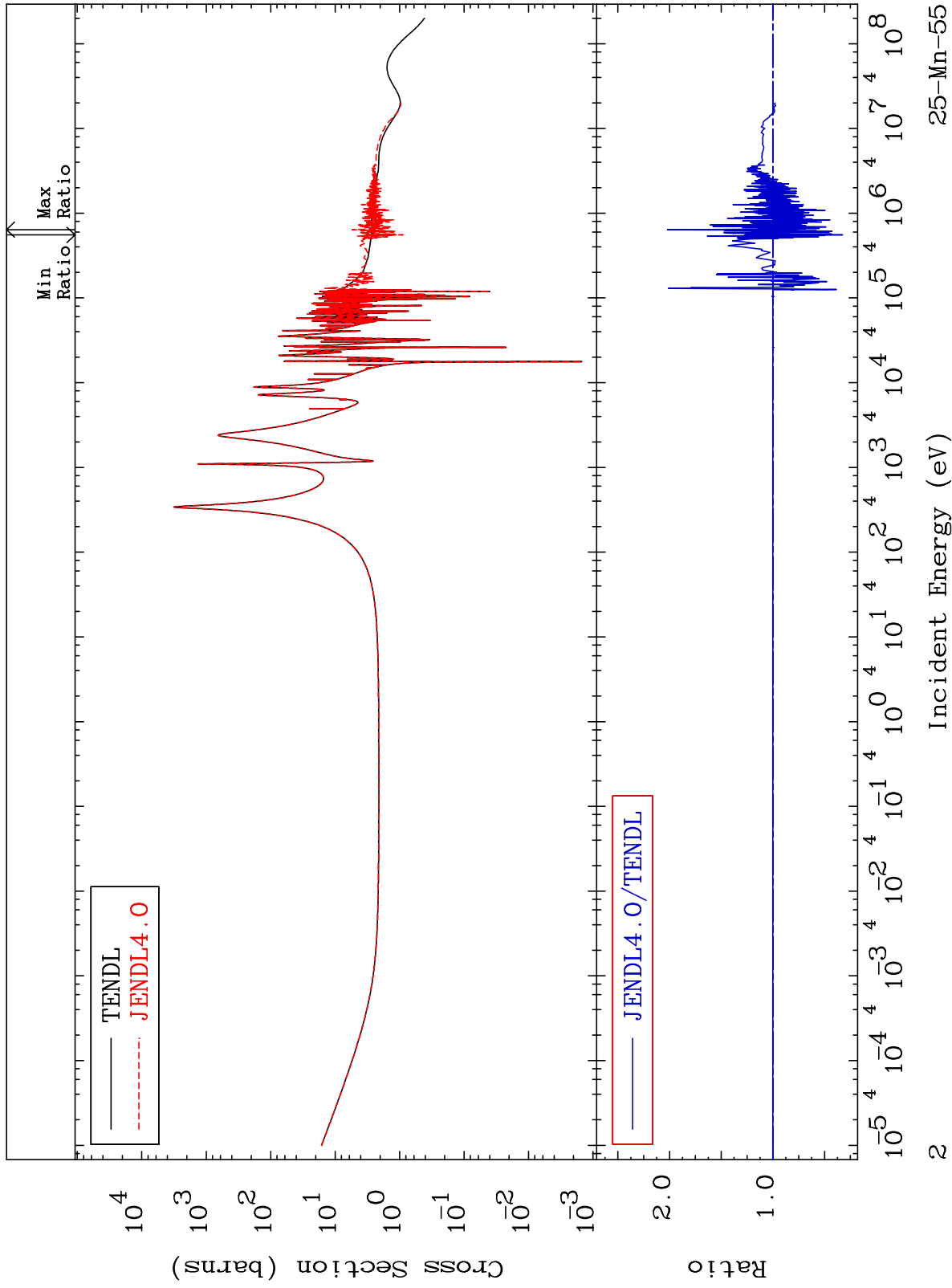
Incident Energy (eV)

25-Mn-55

MAT 2525

Elastic
Cross Section

25-Mn-55
-67.50 To 102.0 %



25-Mn-55

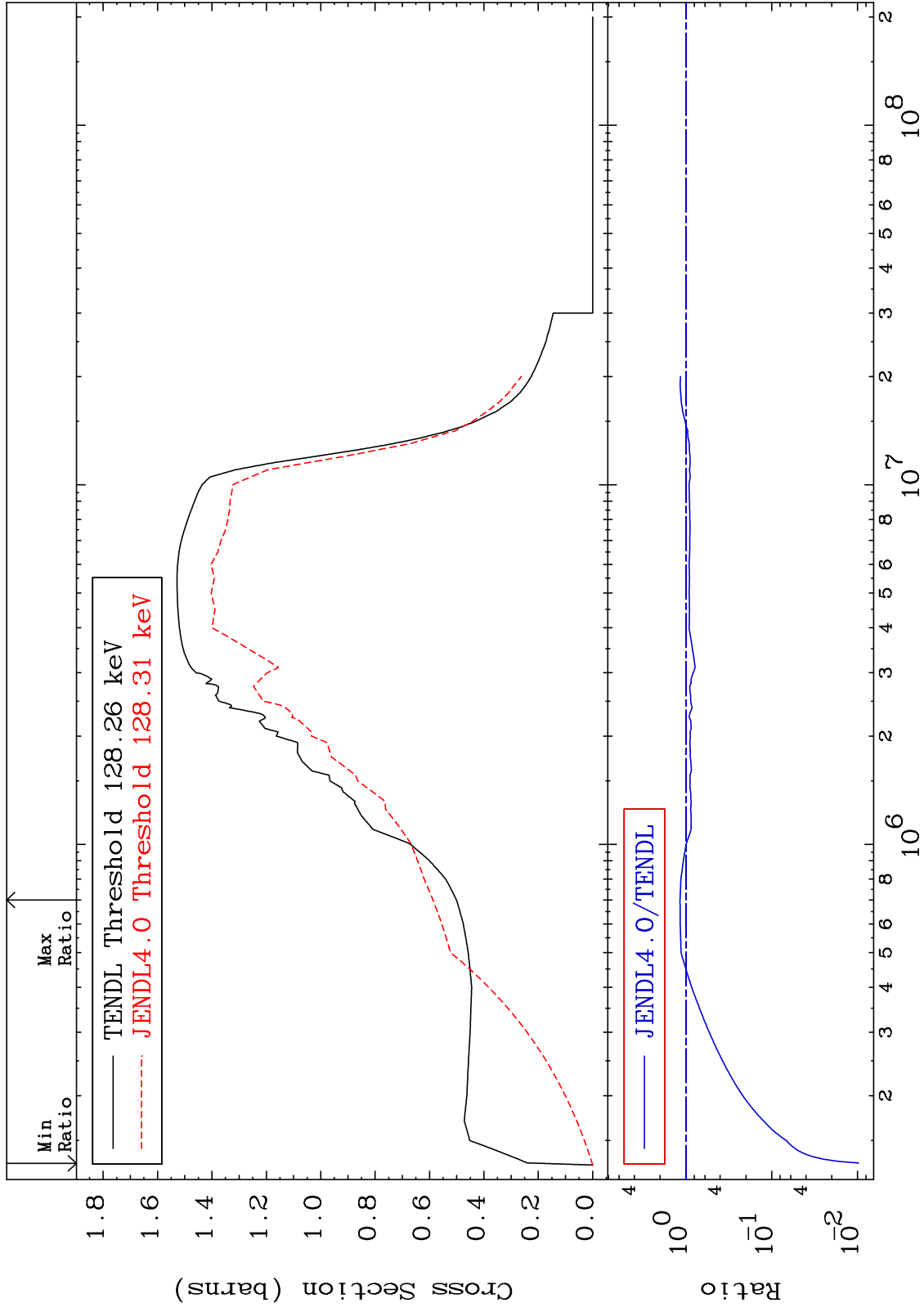
Incident Energy (eV)

2

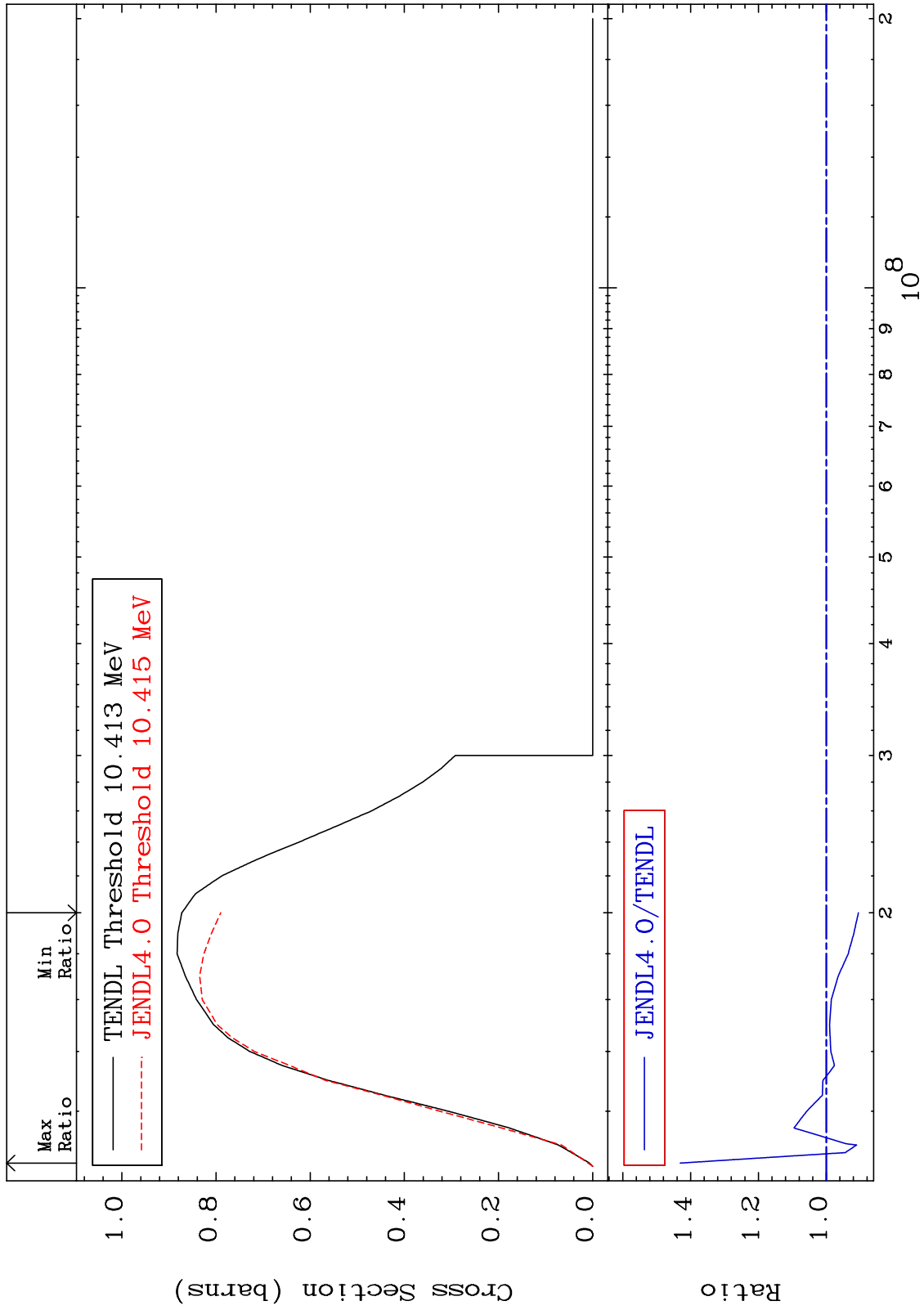
MAT 2525

Inelastic
Cross Section

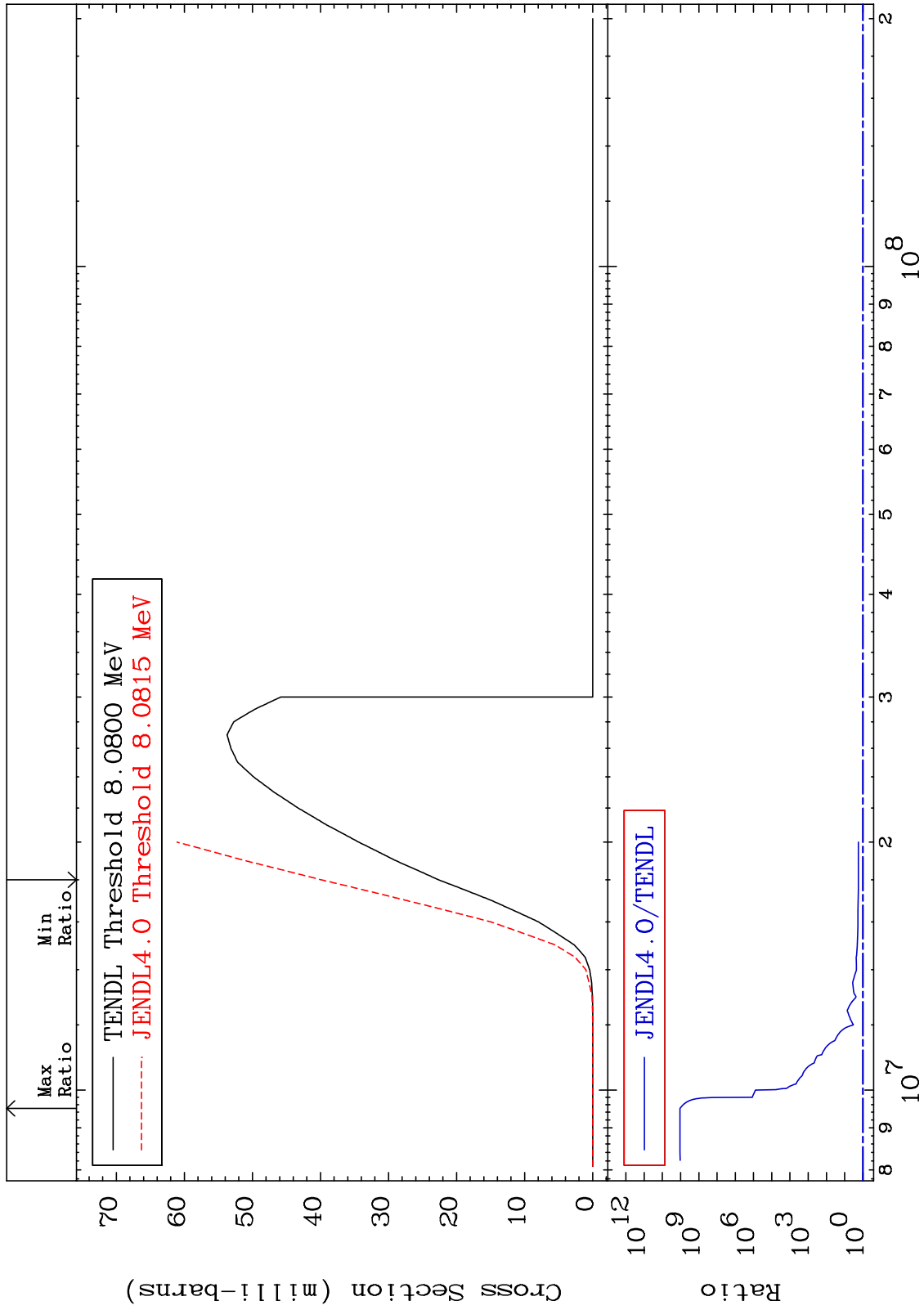
25-Mn-55
-99.02 To 17.34 %



MAT 2525 $(n, 2n)$ Cross Section $^{25}\text{Mn-55}$ -9.462 To 43.12 %



MAT 2525 $(n, n') \alpha$ 25-Mn-55
 Cross Section 76.07 To 9999. %

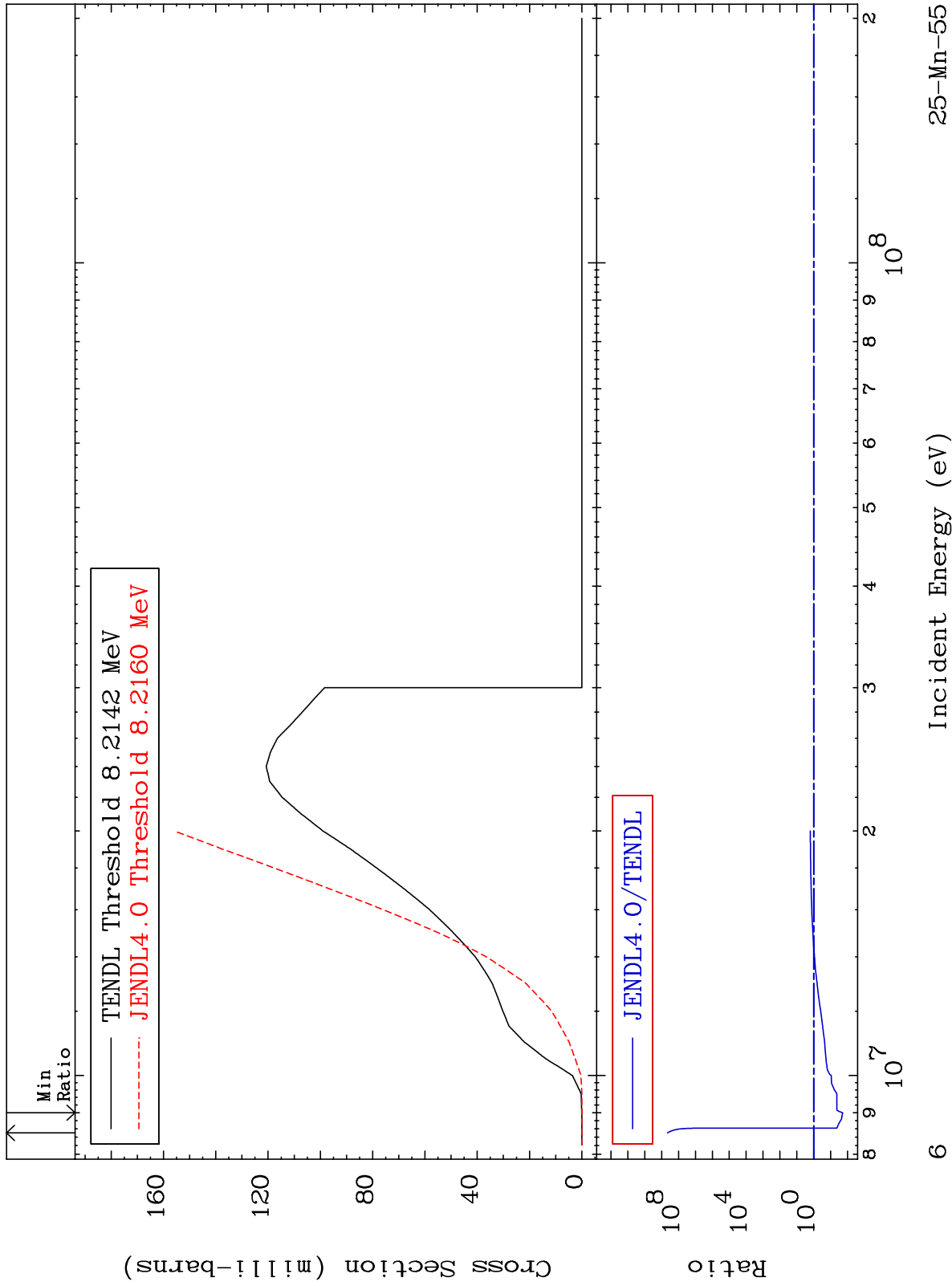


5 Incident Energy (eV) 25-Mn-55

MAT 2525

(n,n') p
Cross Section

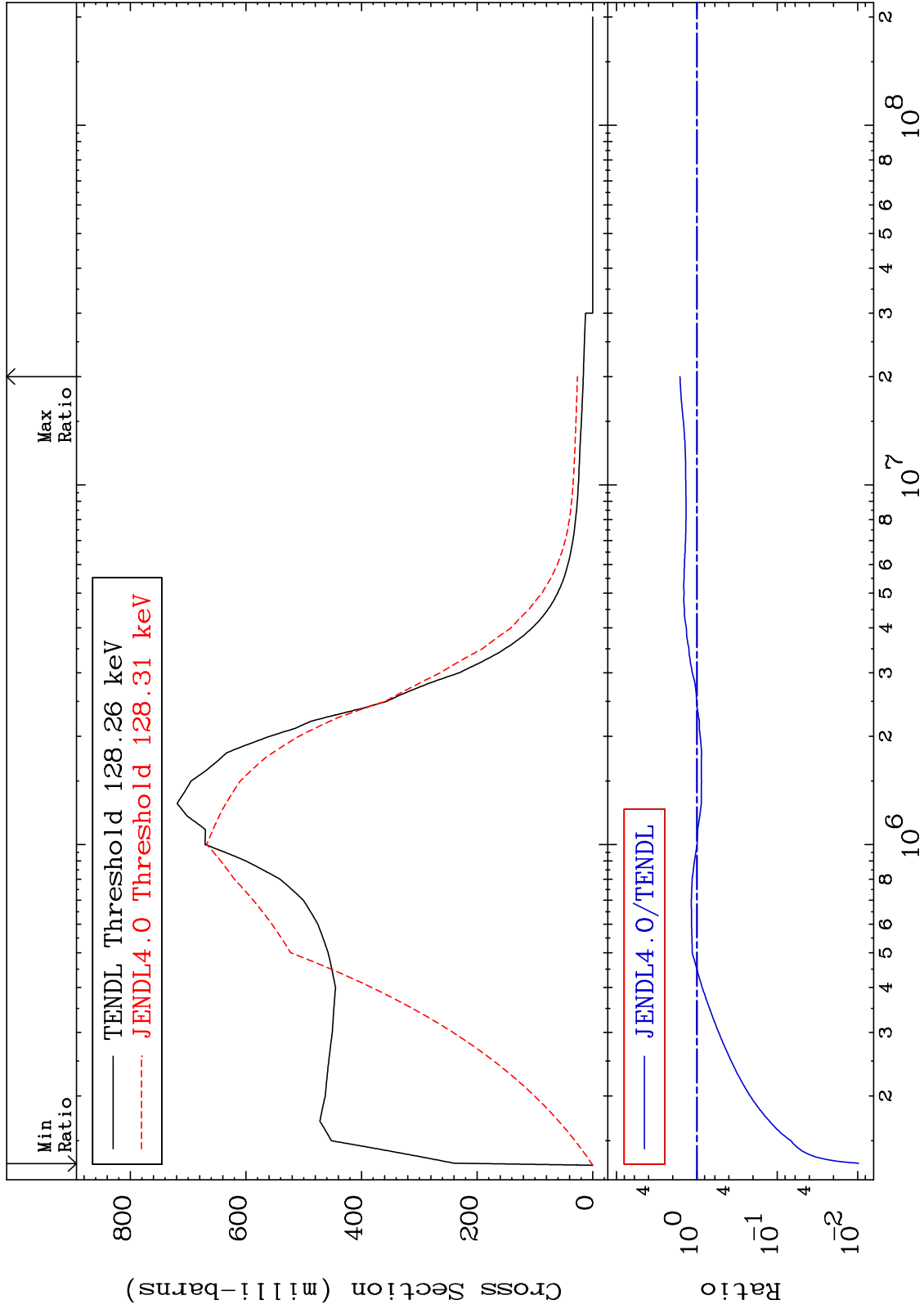
25-Mn-55
-98.08 To 9999. %



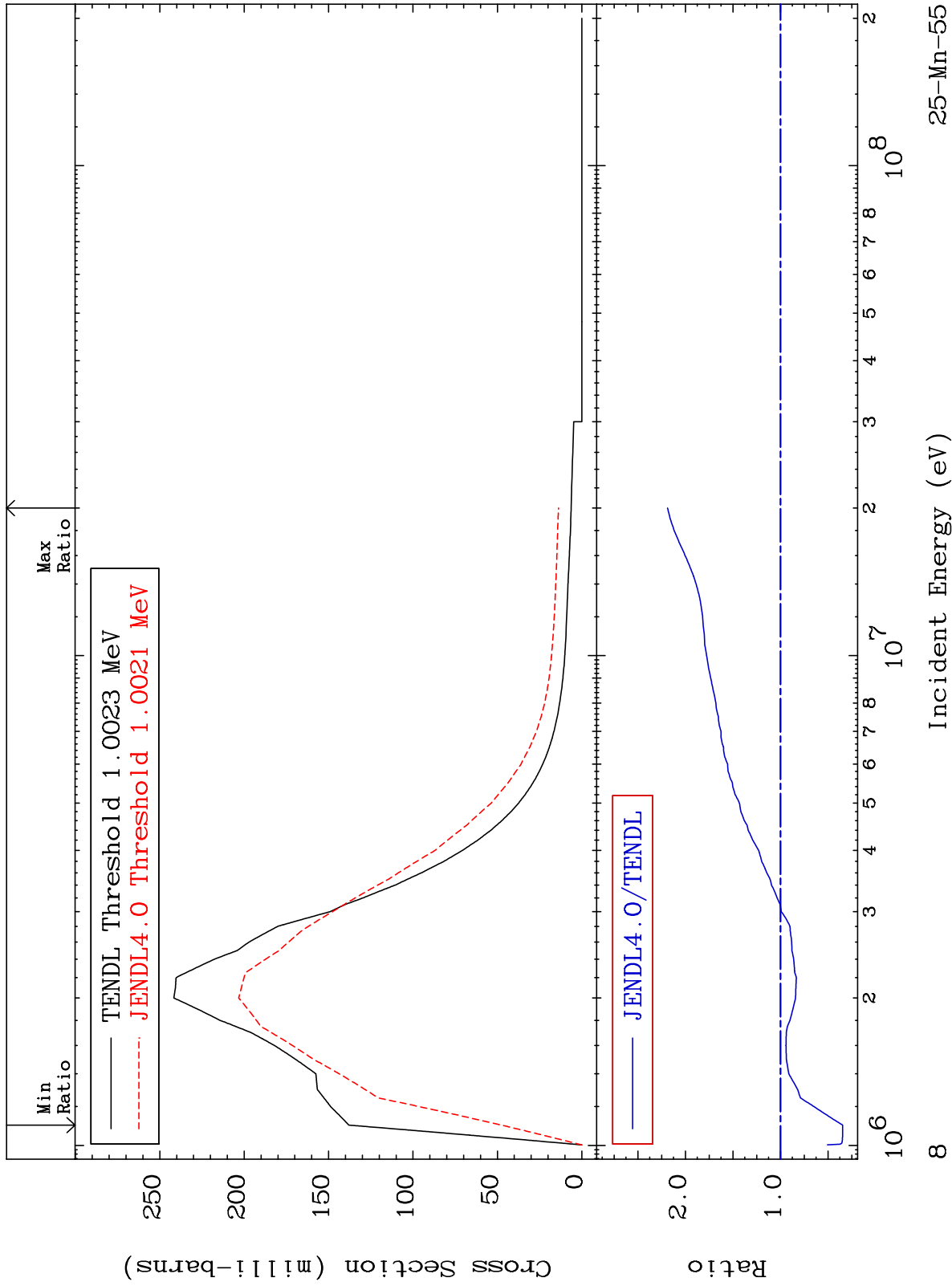
MAT 2525

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

25-Mn-55
-99.02 To 62.26 %



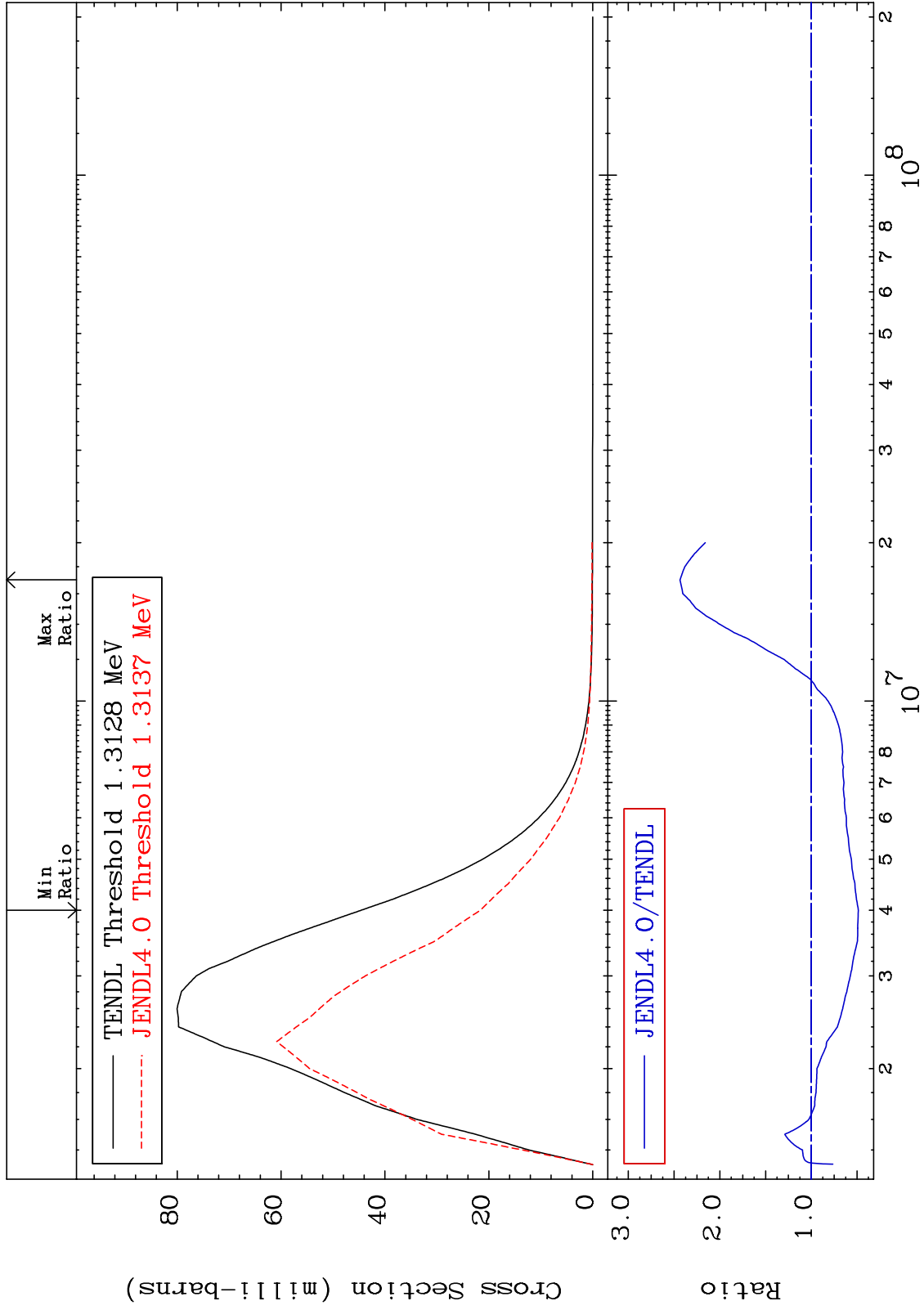
MAT 2525 MT= 52 (n, n') Level 25-Mn-55
Cross Section -65.47 To 118.8 %



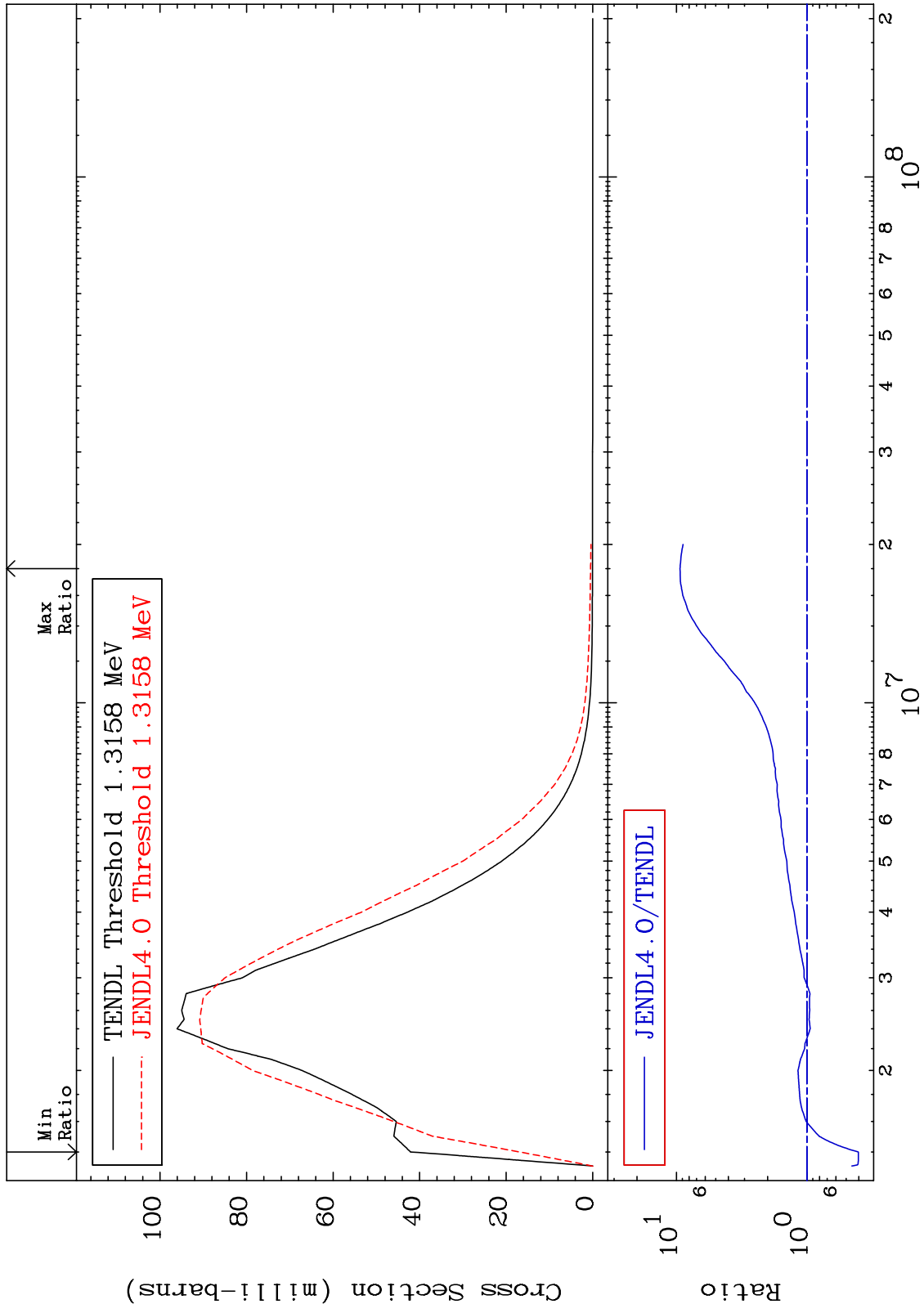
MAT 2525

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

25-Mn-55
-51.49 To 143.5 %



MAT 2525 MT= 54 (n,n') Level Cross Section 25-Mn-55
 -59.69 To 837.5 %

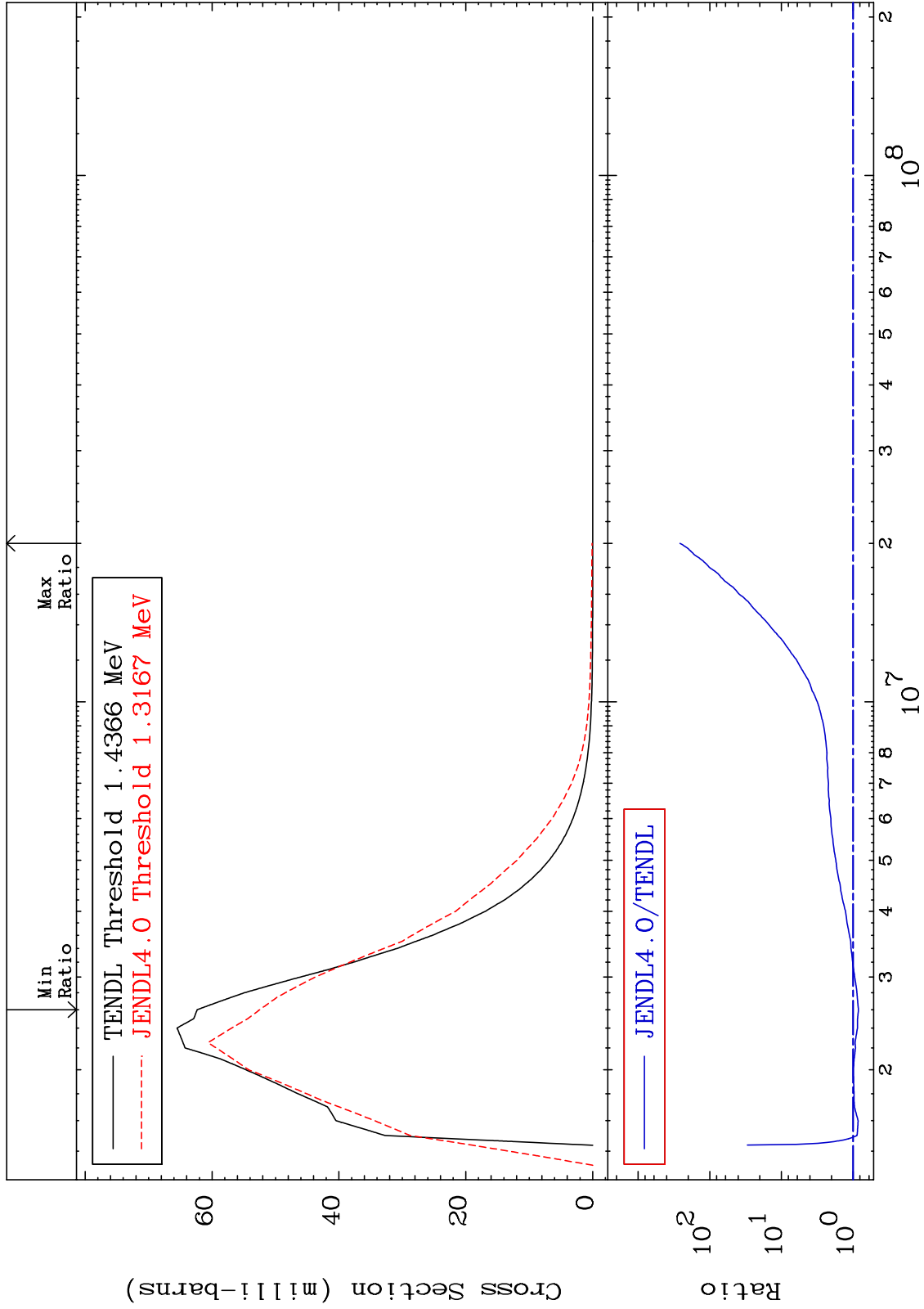


10 Incident Energy (eV) 25-Mn-55

MAT 2525

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

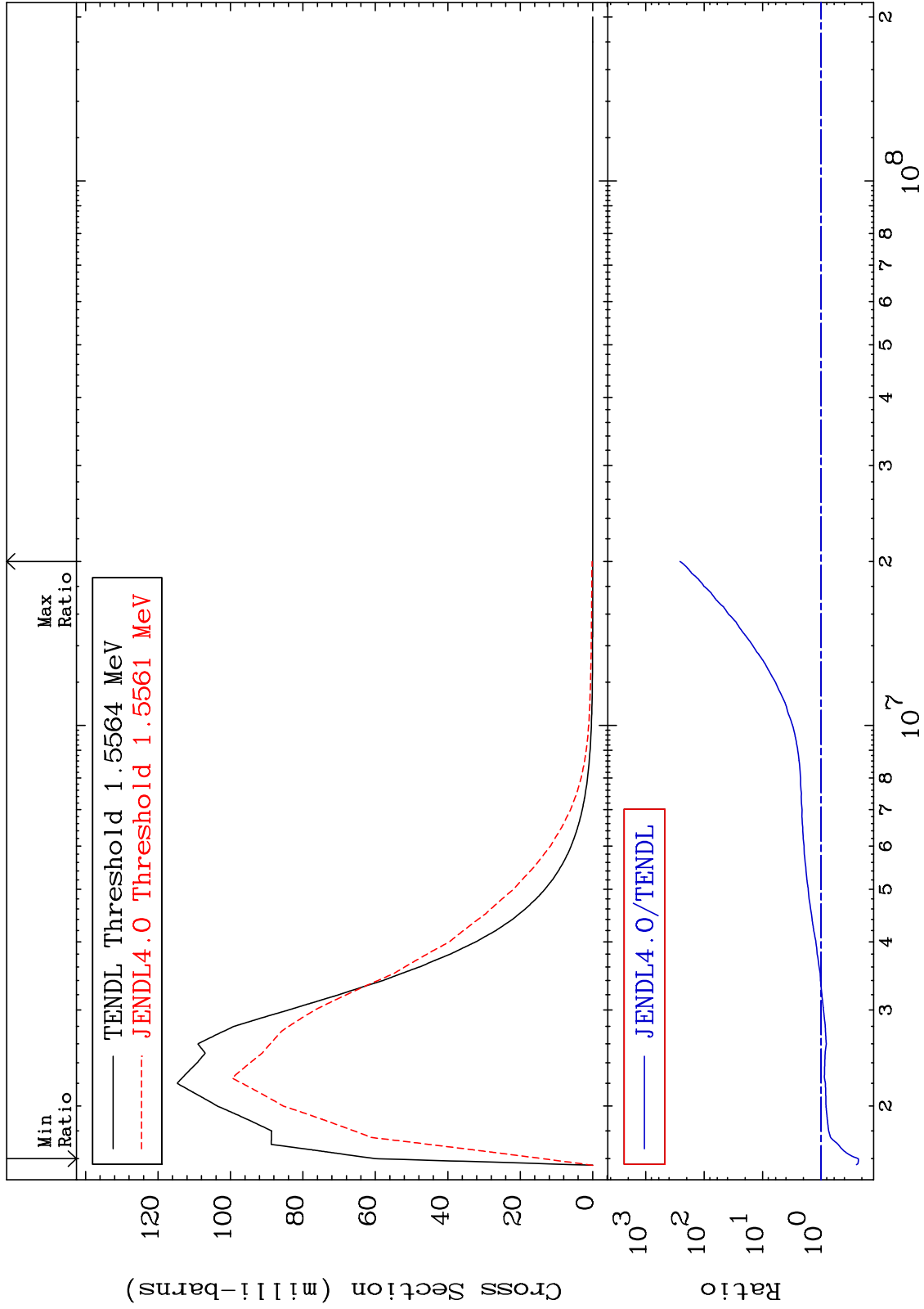
25-Mn-55
-15.83 To 9999. %



MAT 2525

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

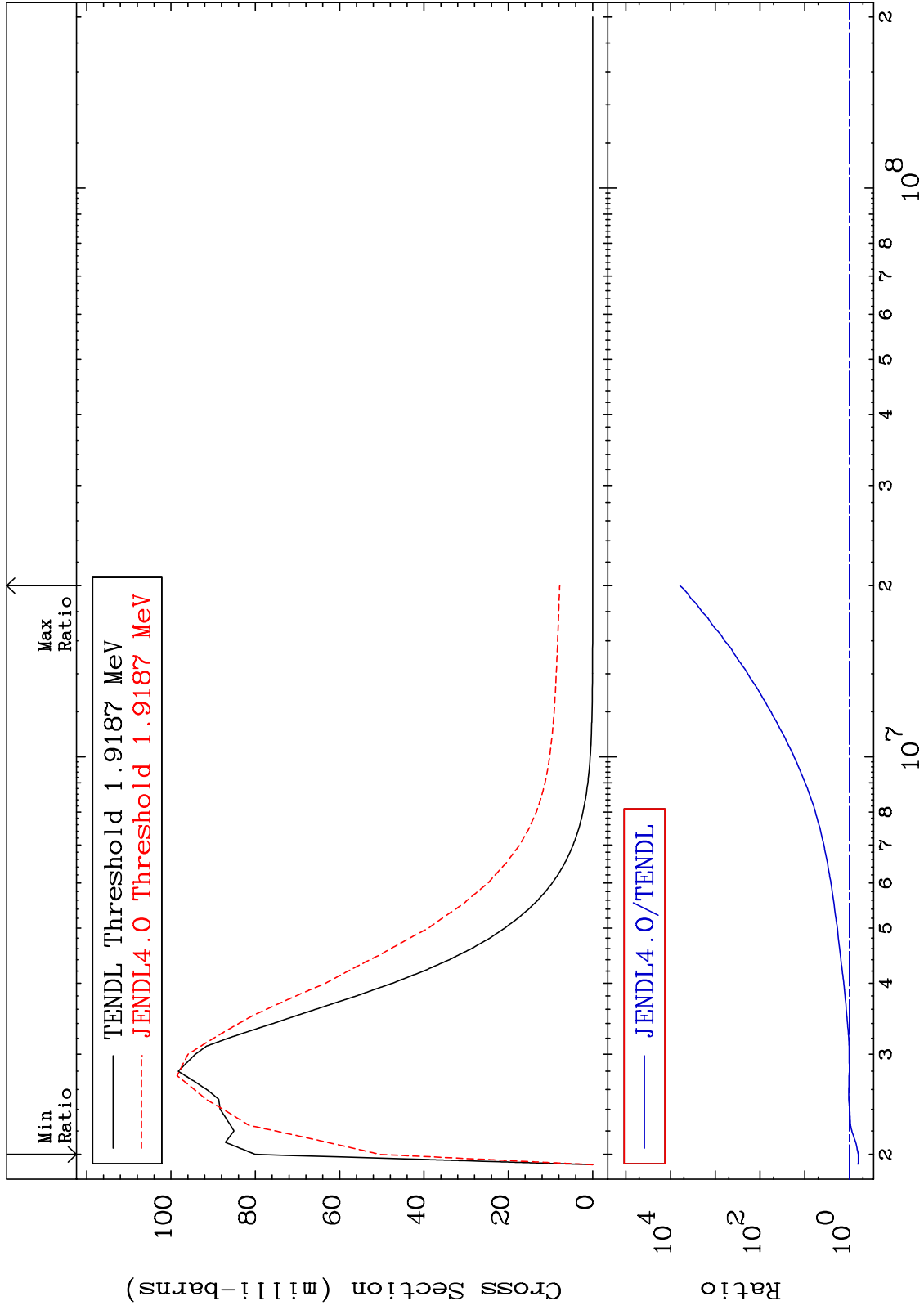
25-Mn-55
-77.01 To 9999. %



MAT 2525

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

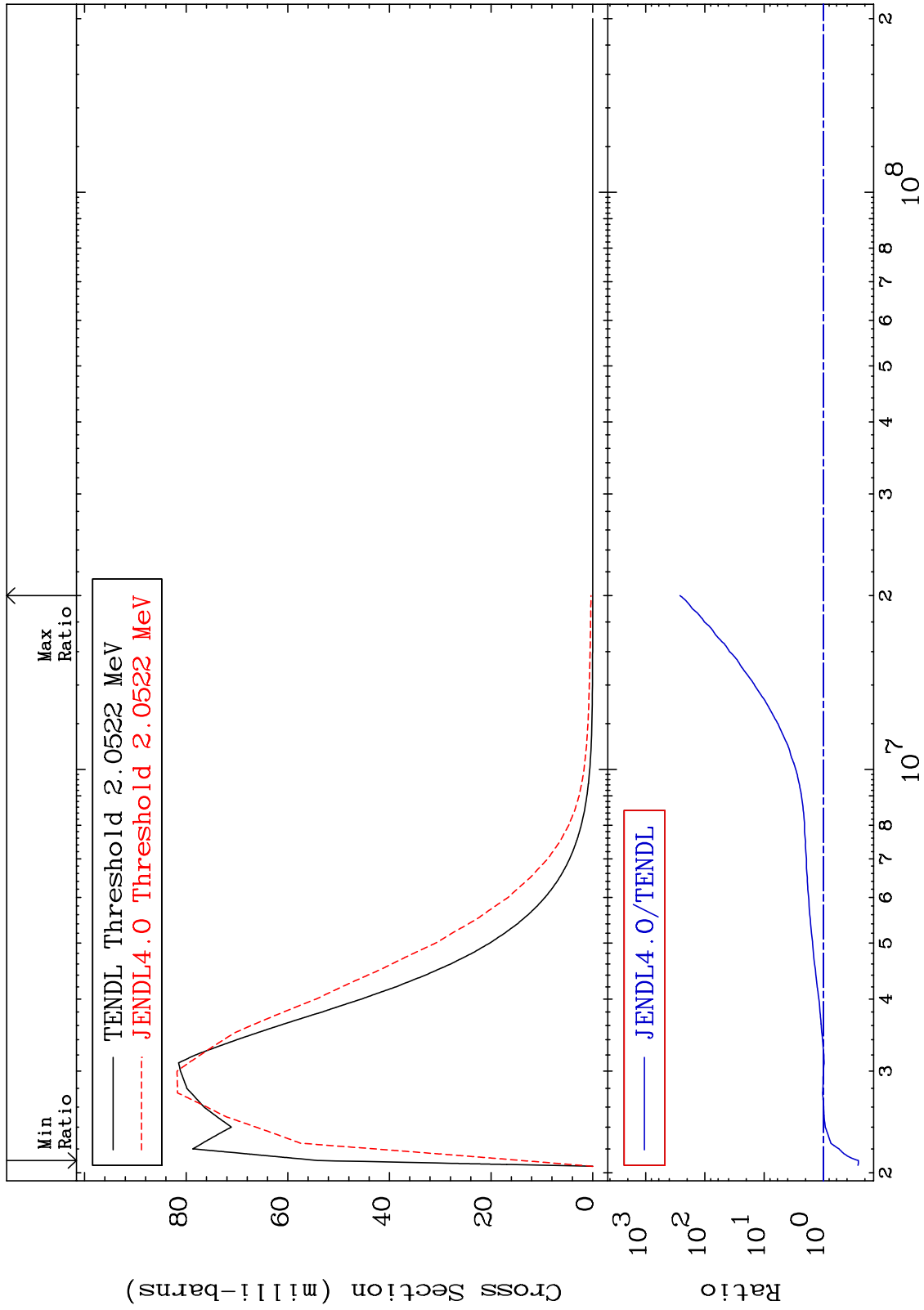
25-Mn-55
-36.94 To 9999. %



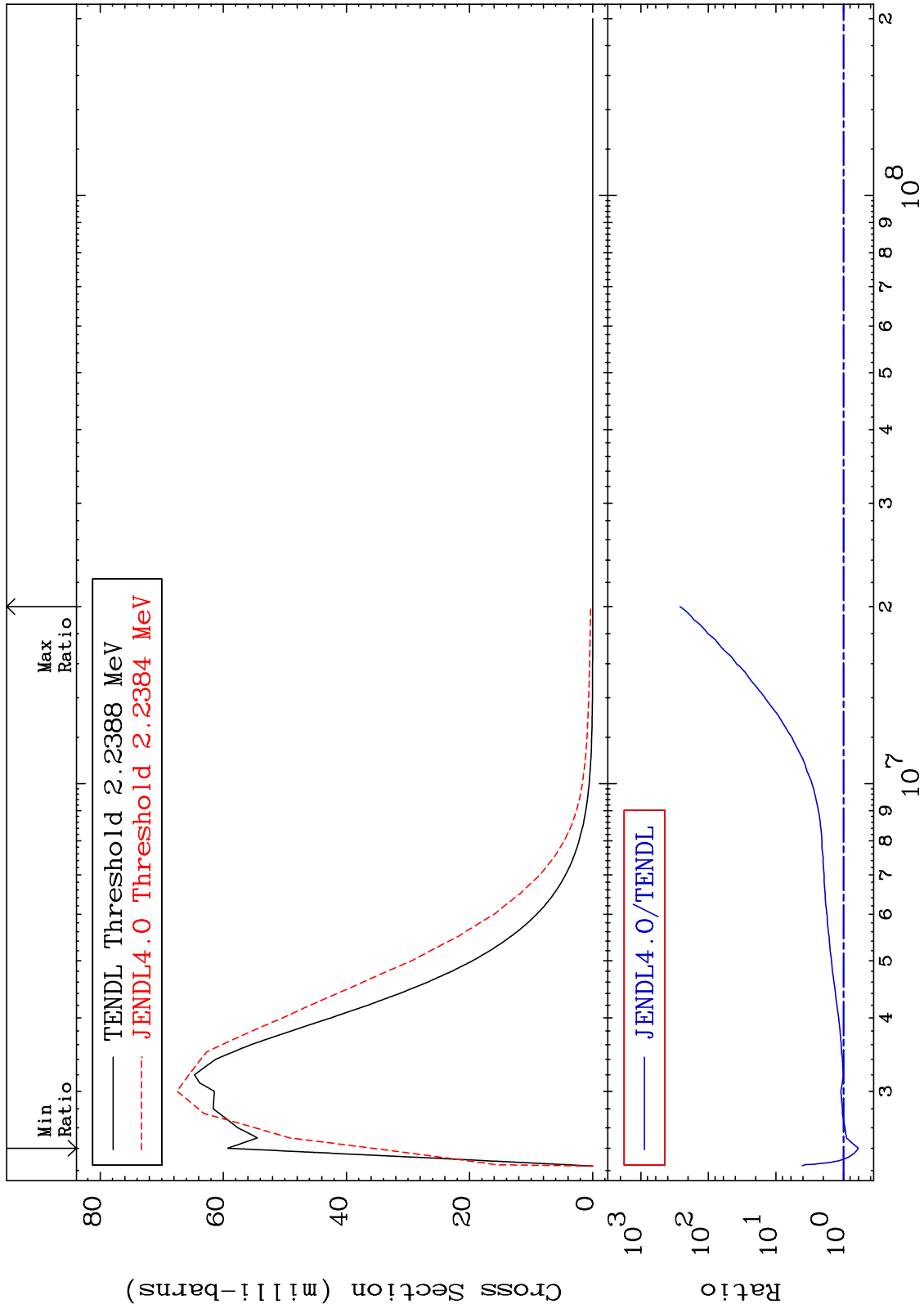
MAT 2525

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

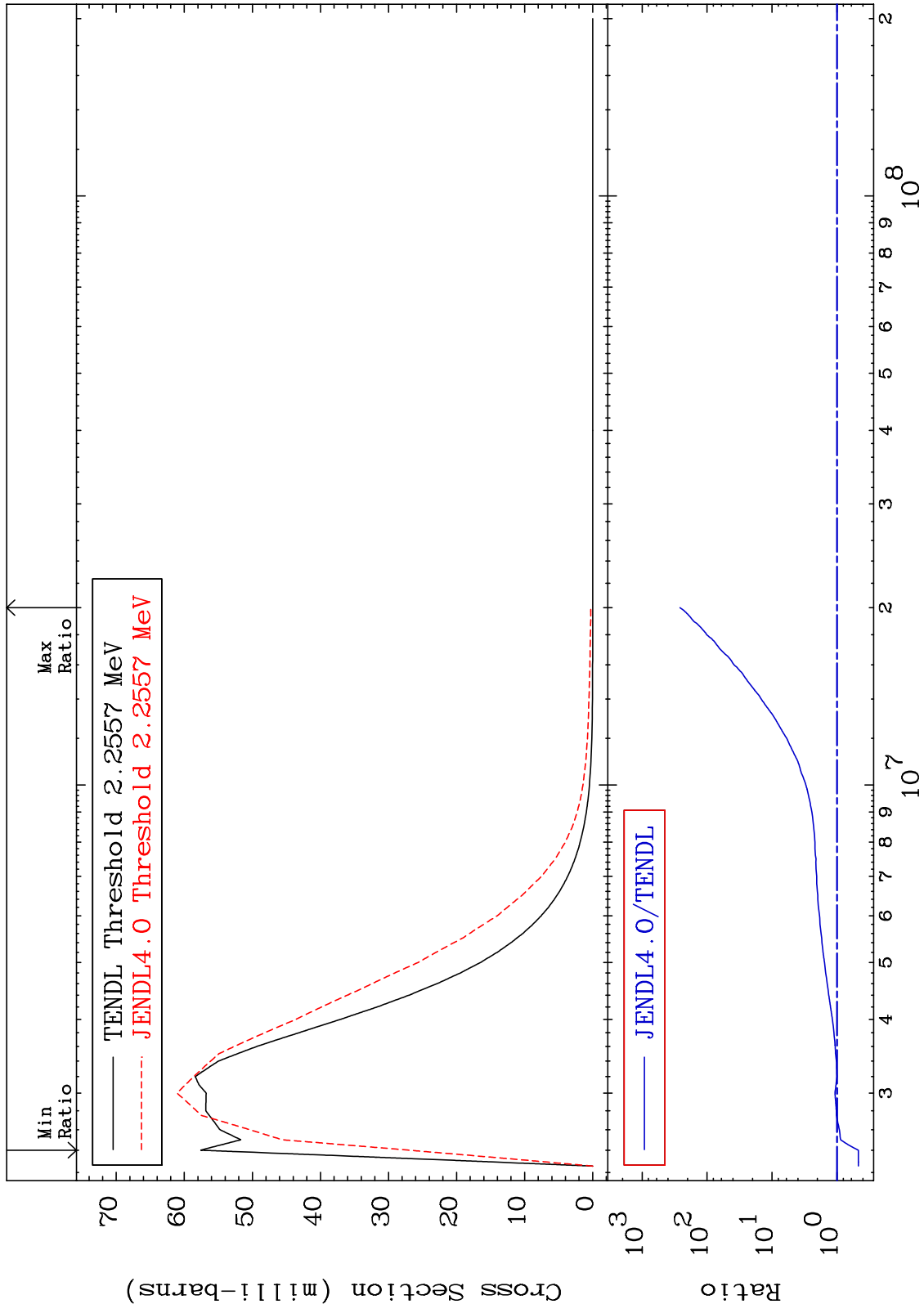
25-Mn-55
-74.25 To 9999. %



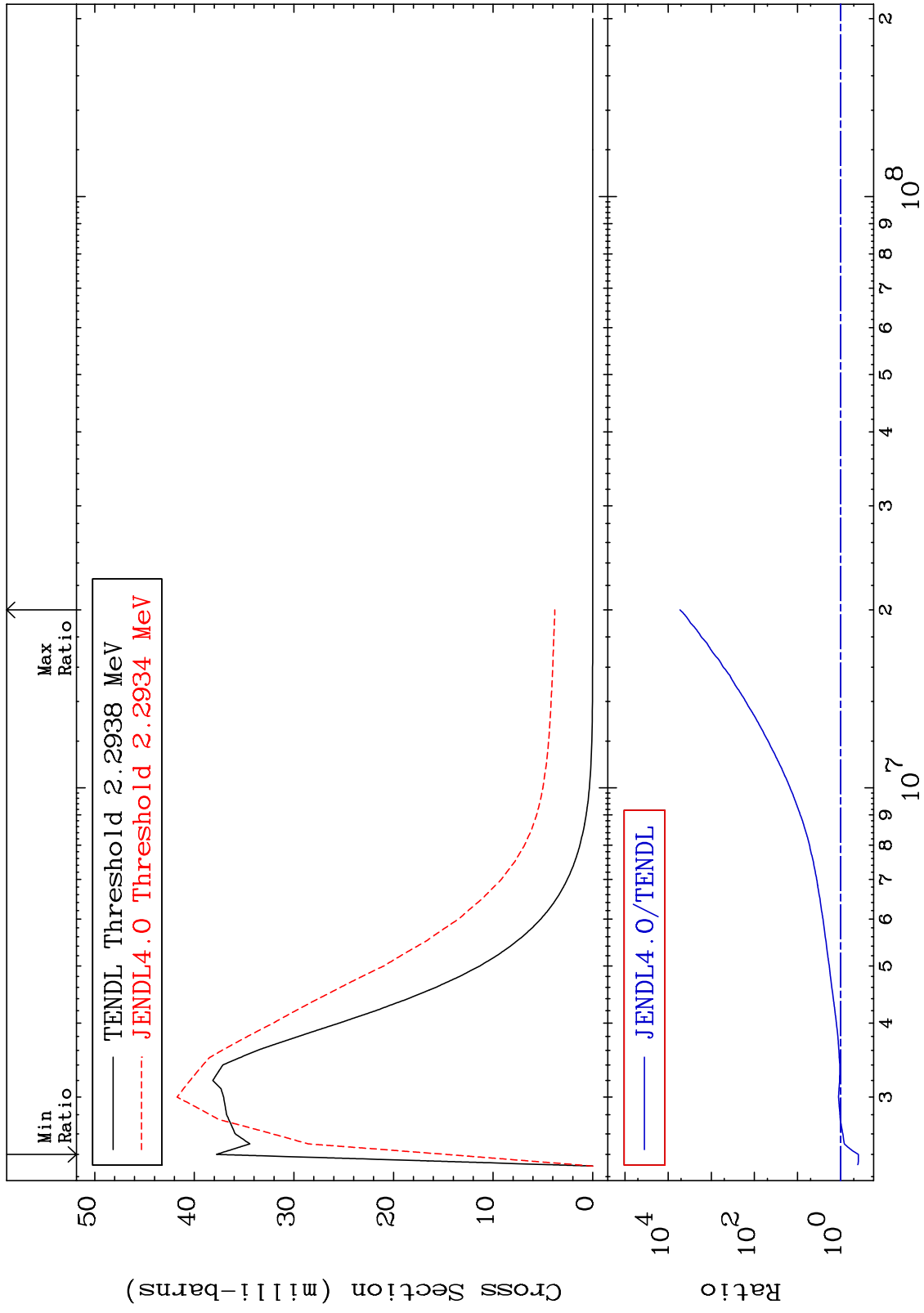
MAT 2525 MT= 59 (n,n') Level Cross Section 25-Mn-55
 -39.64 To 9999. %



MAT 2525 MT= 60 (n,n') Level Cross Section 25-Mn-55
 -53.20 To 9999. %



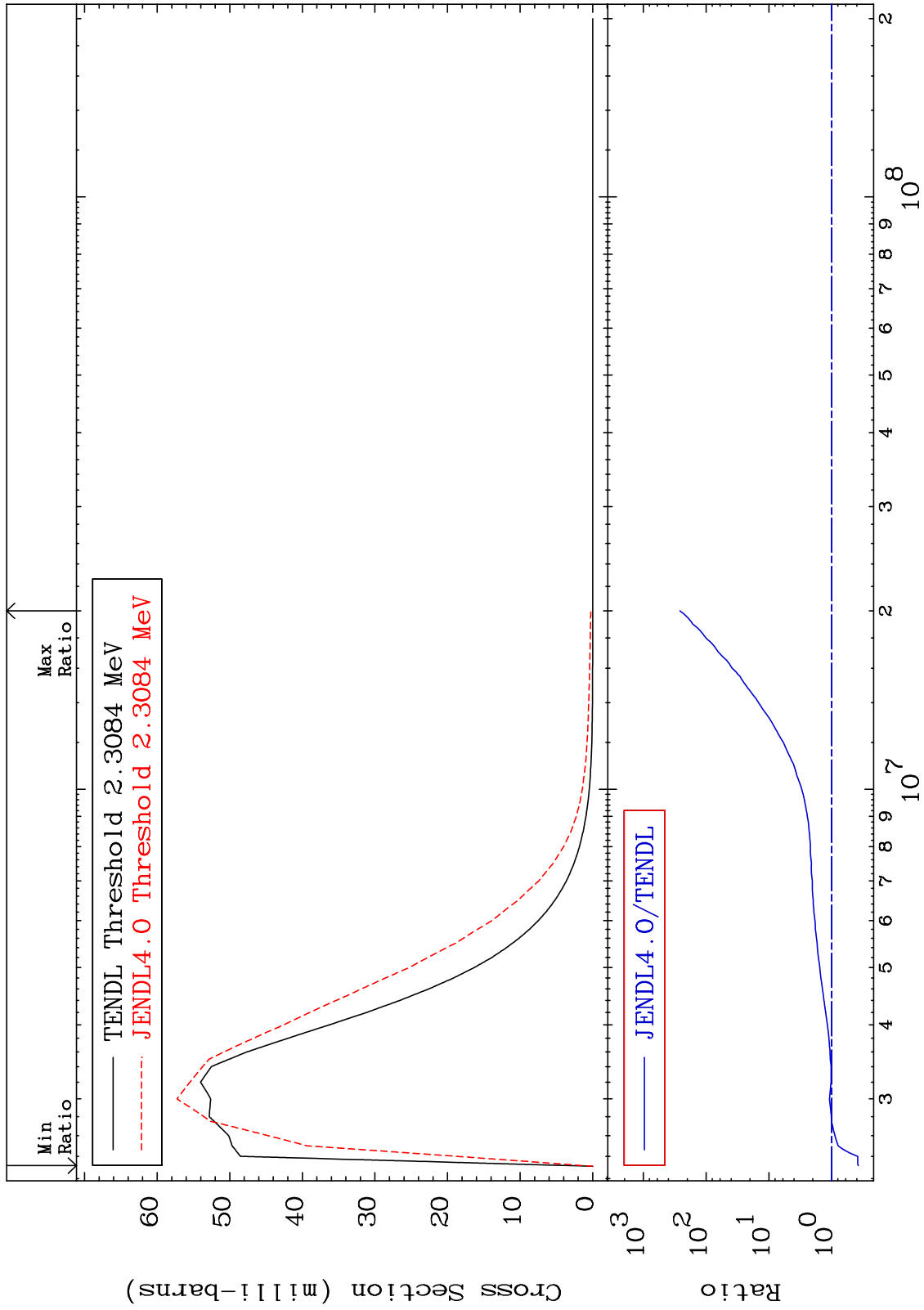
MAT 2525 MT= 61 (n,n') Level Cross Section 25-Mn-55
 -60.98 To 9999. %



MAT 2525

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

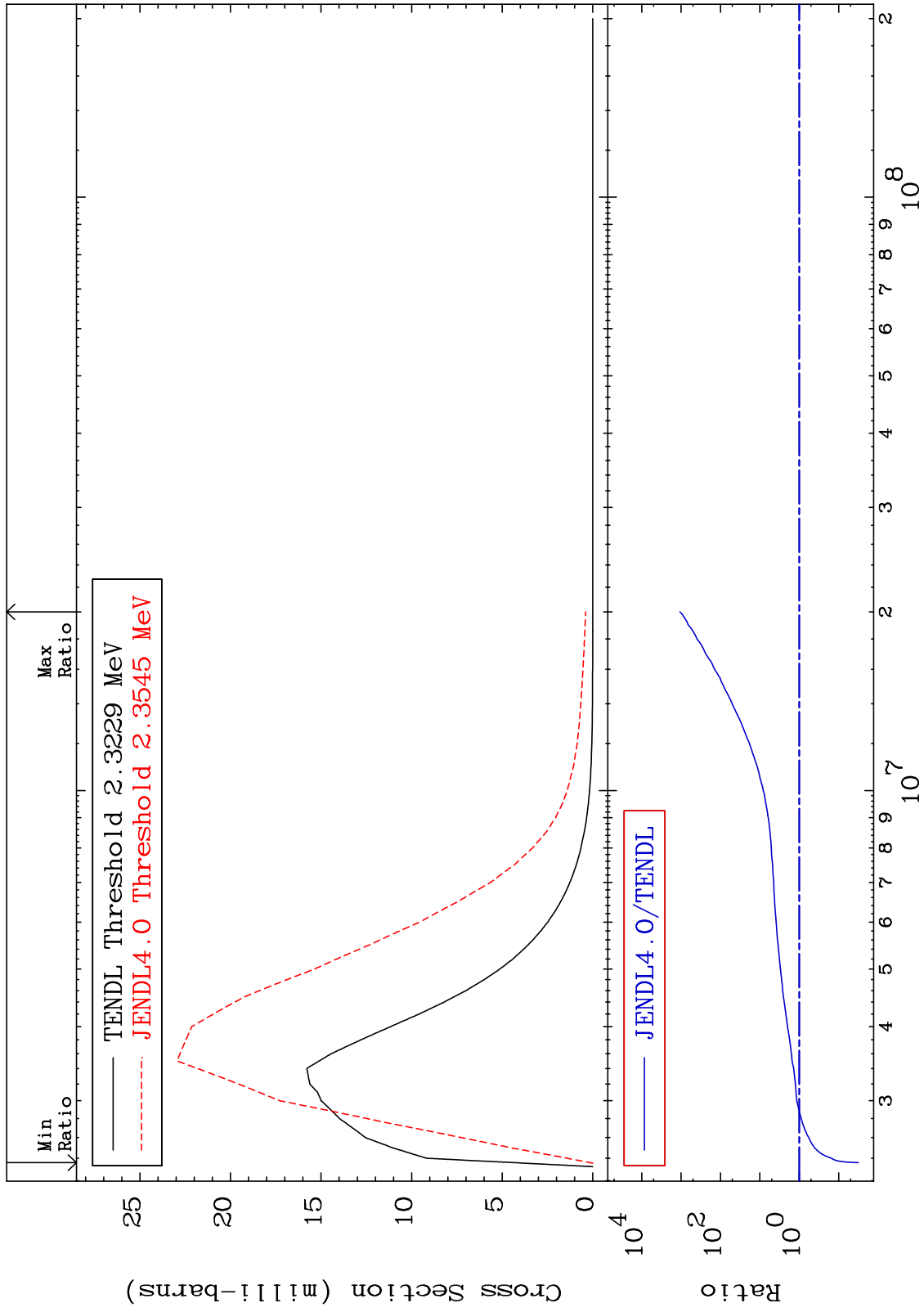
25-Mn-55
-62.35 To 9999. %



MAT 2525

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

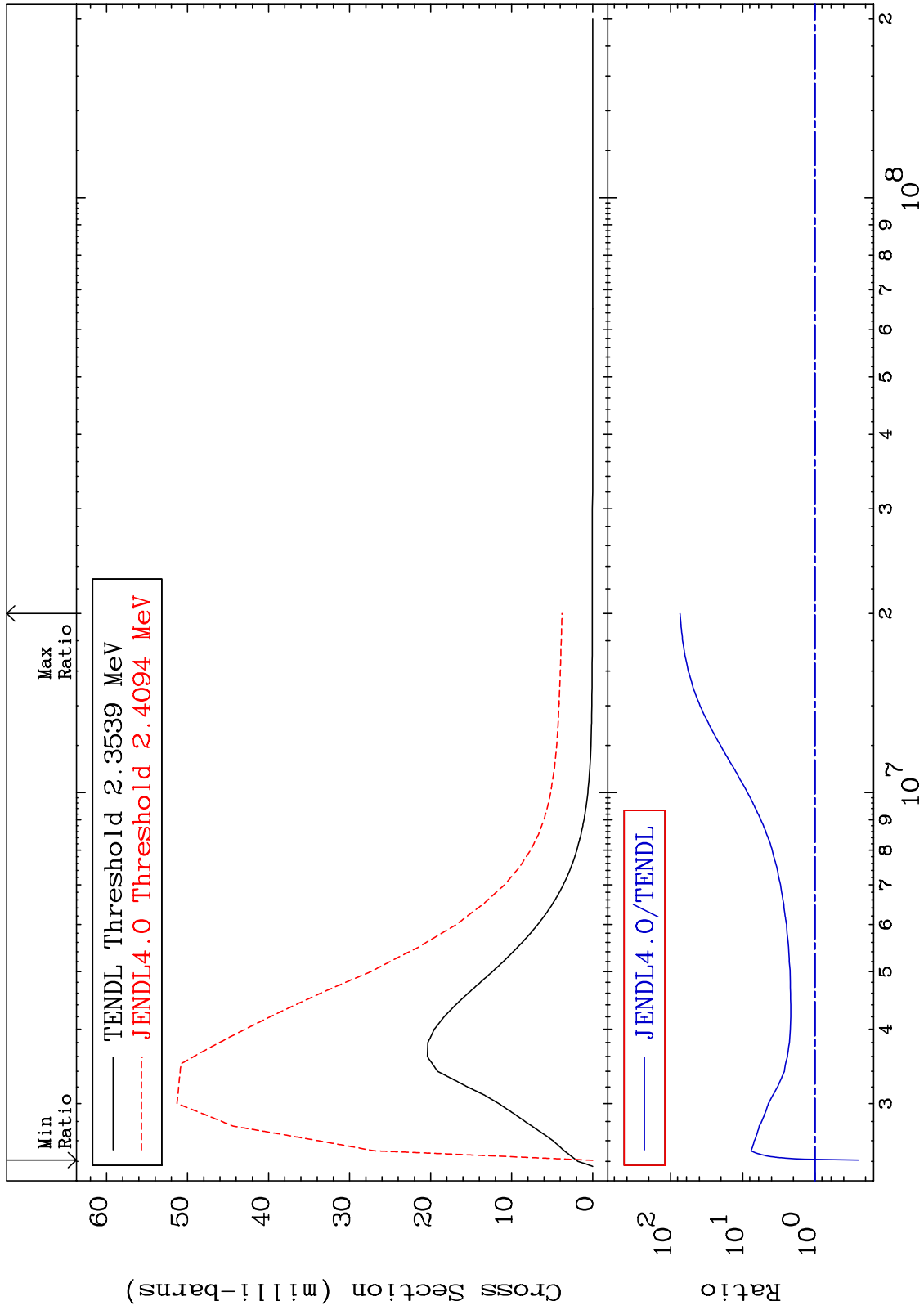
25-Mn-55
-96.85 To 9999. %



MAT 2525

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

25-Mn-55
-74.91 To 7285. %



20

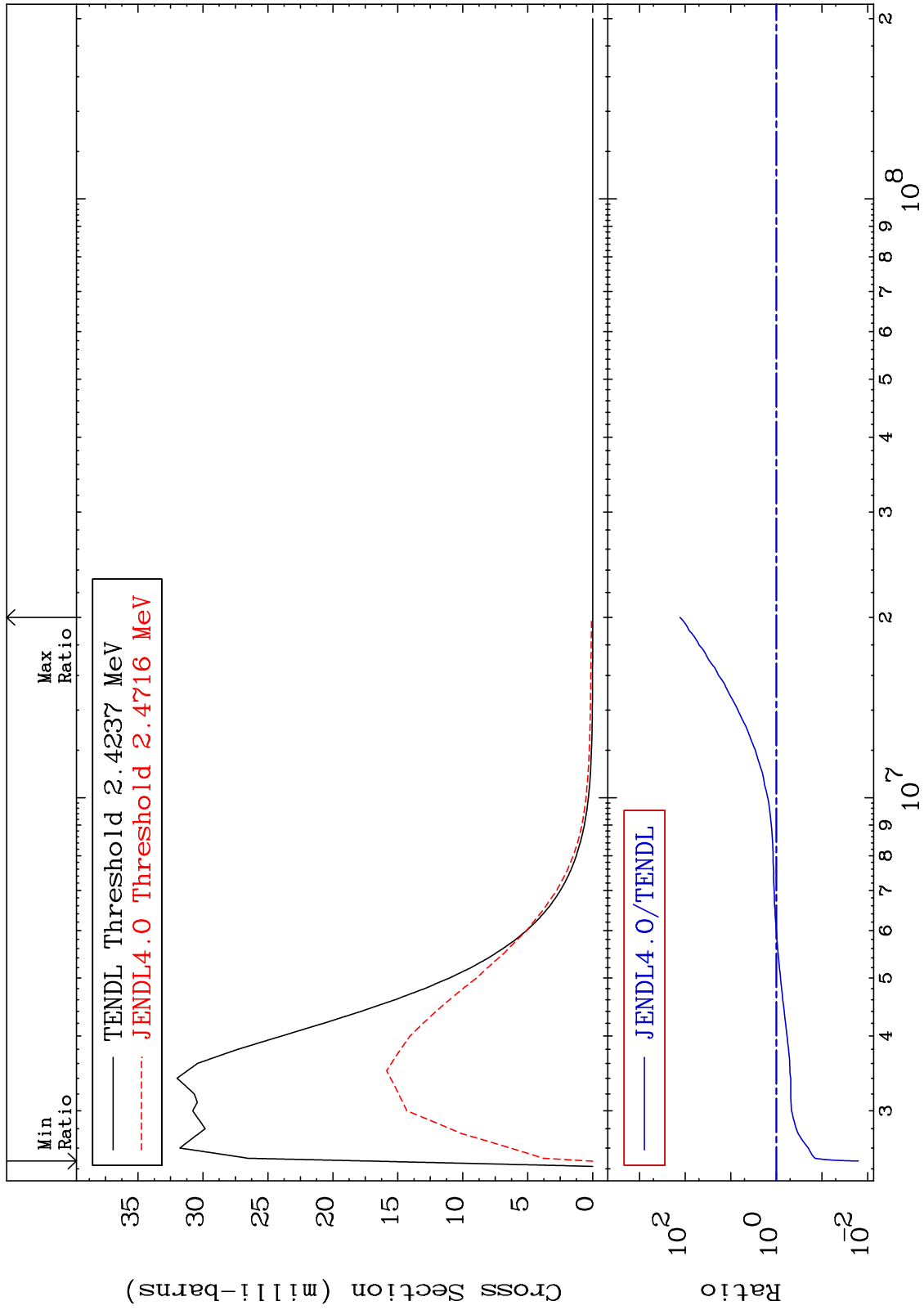
Incident Energy (eV)

25-Mn-55

MAT 2525

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

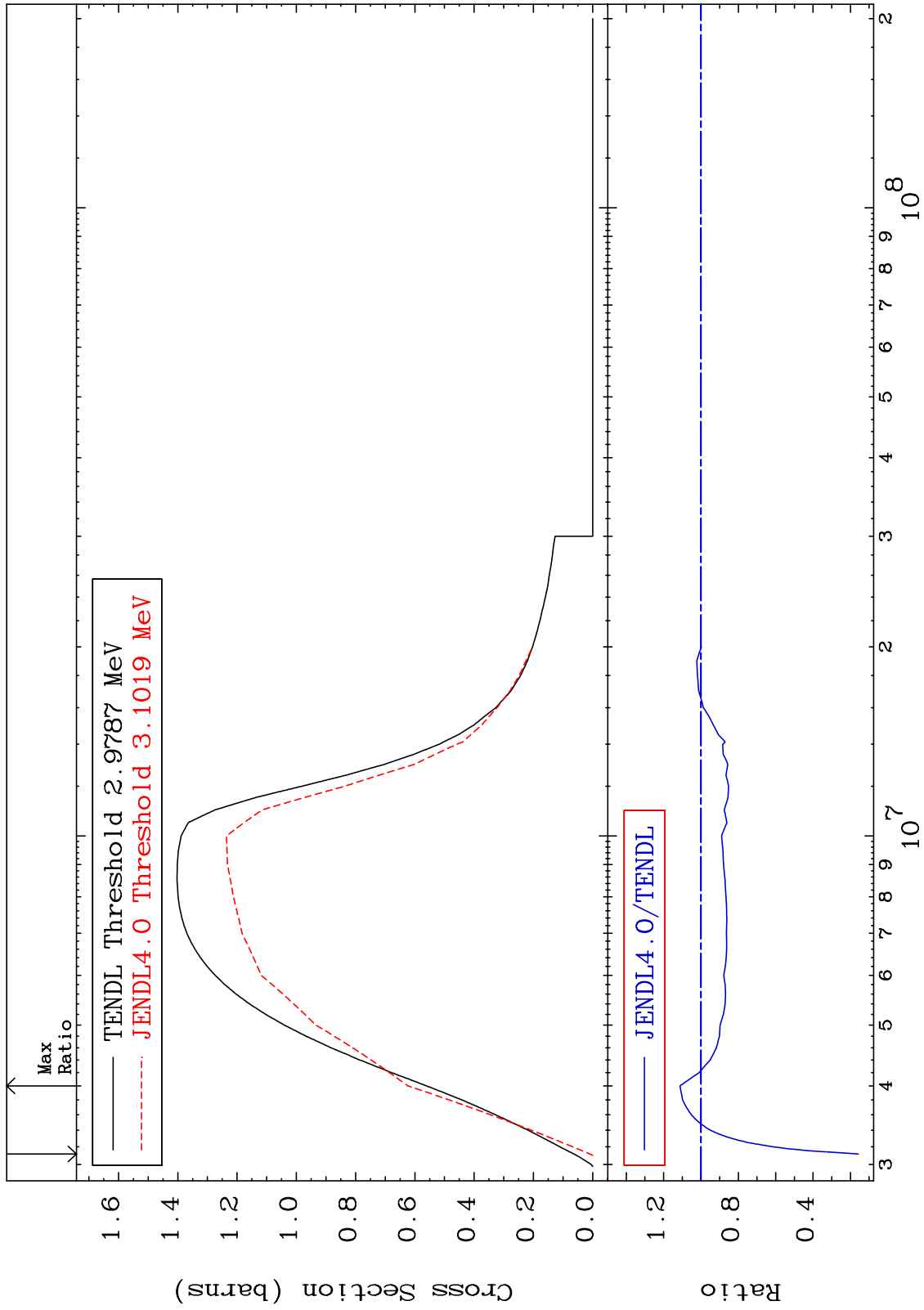
25-Mn-55
-98.41 To 9999. %



MAT 2525

(n, n') Continuum
Cross Section

²⁵Mn-55
-84.26 To 11.22 %



23

Incident Energy (eV)

²⁵Mn-55

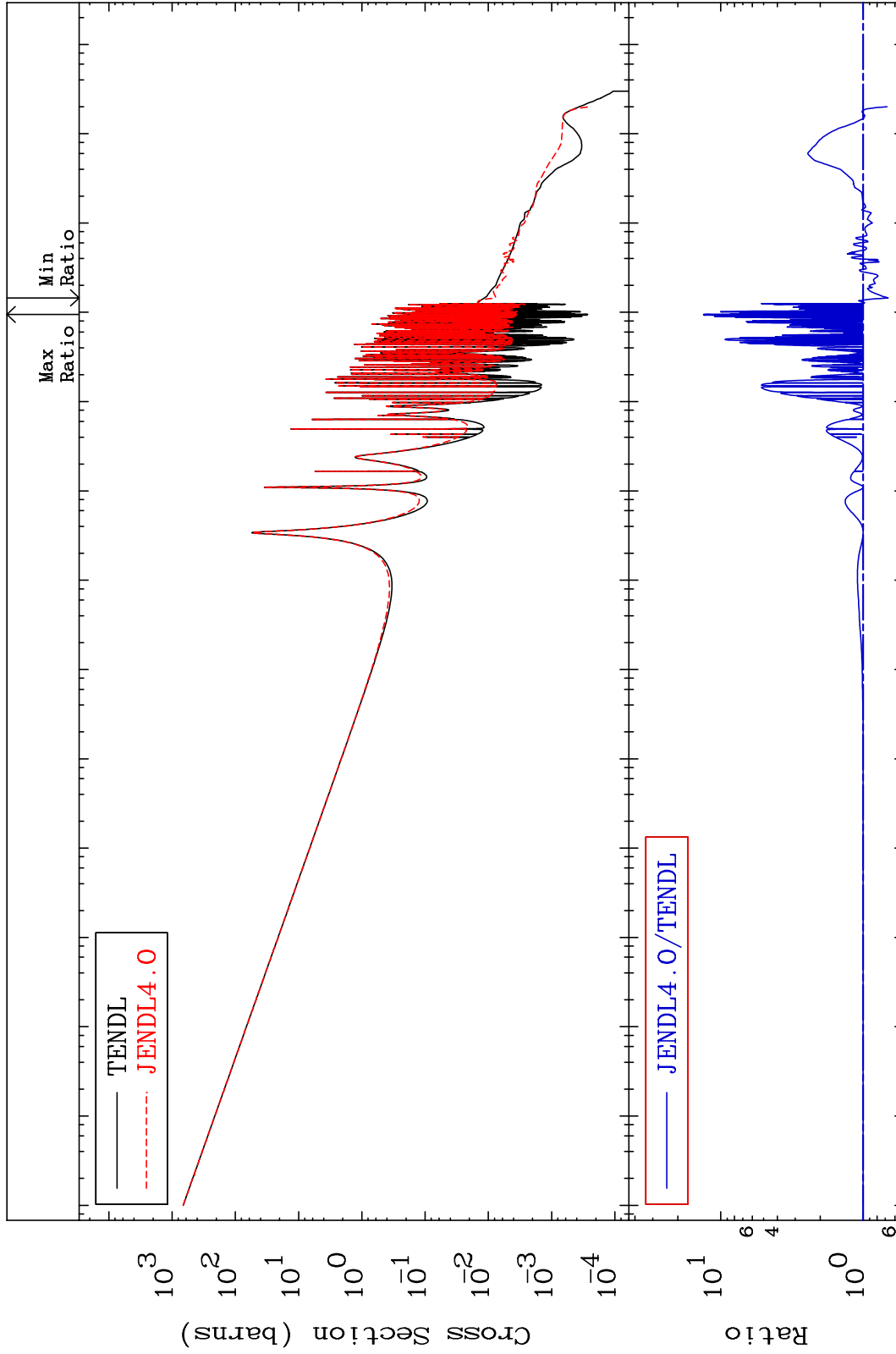
MAT 2525

(n, γ)

25-Mn-55

Cross Section

-33.23 To 1219. %



Incident Energy (eV)

25-Mn-55

24

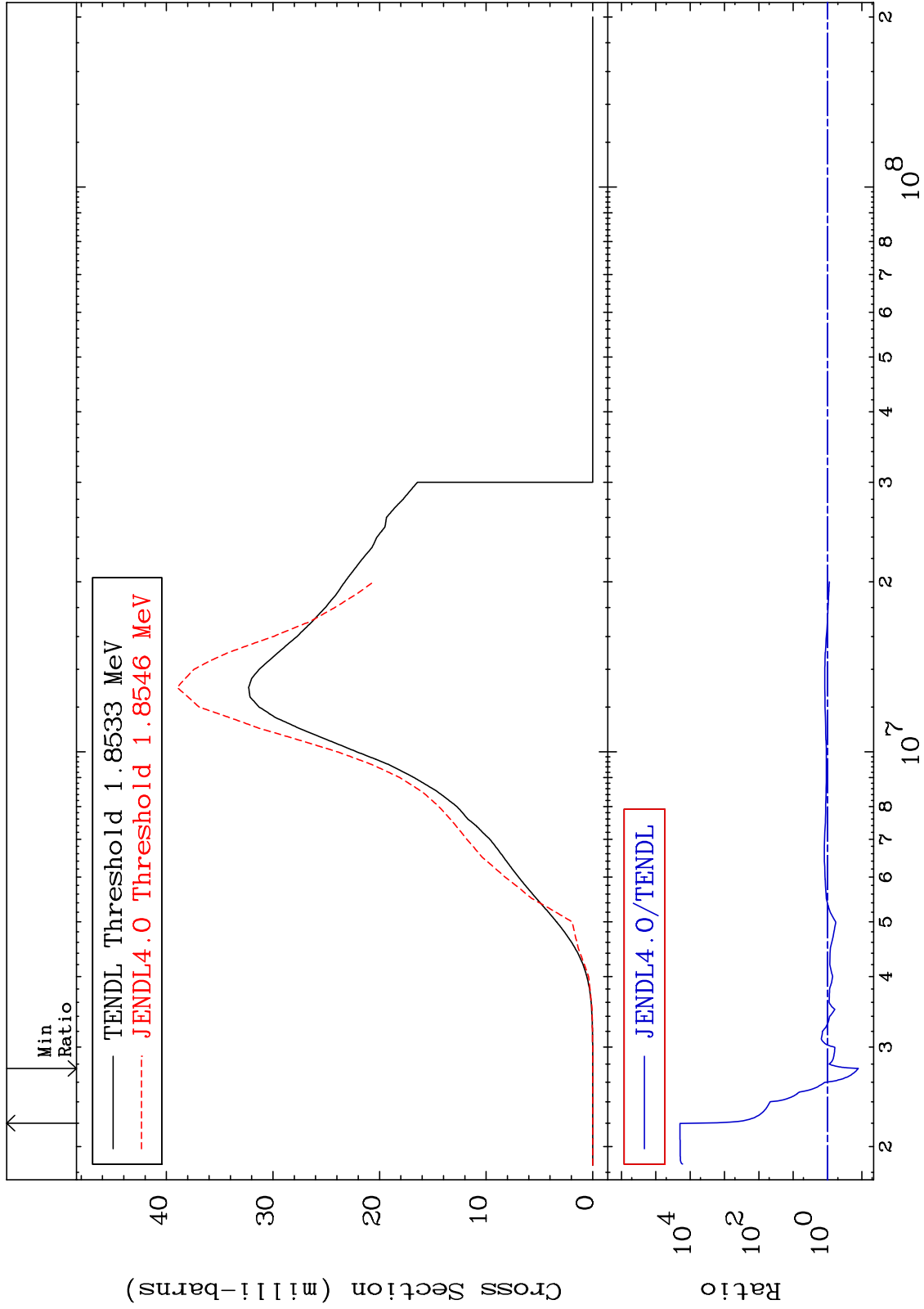
MAT 2525

(n,p)

²⁵Mn-55

Cross Section

-87.41 To 9999. %



25

Incident Energy (eV)

²⁵Mn-55

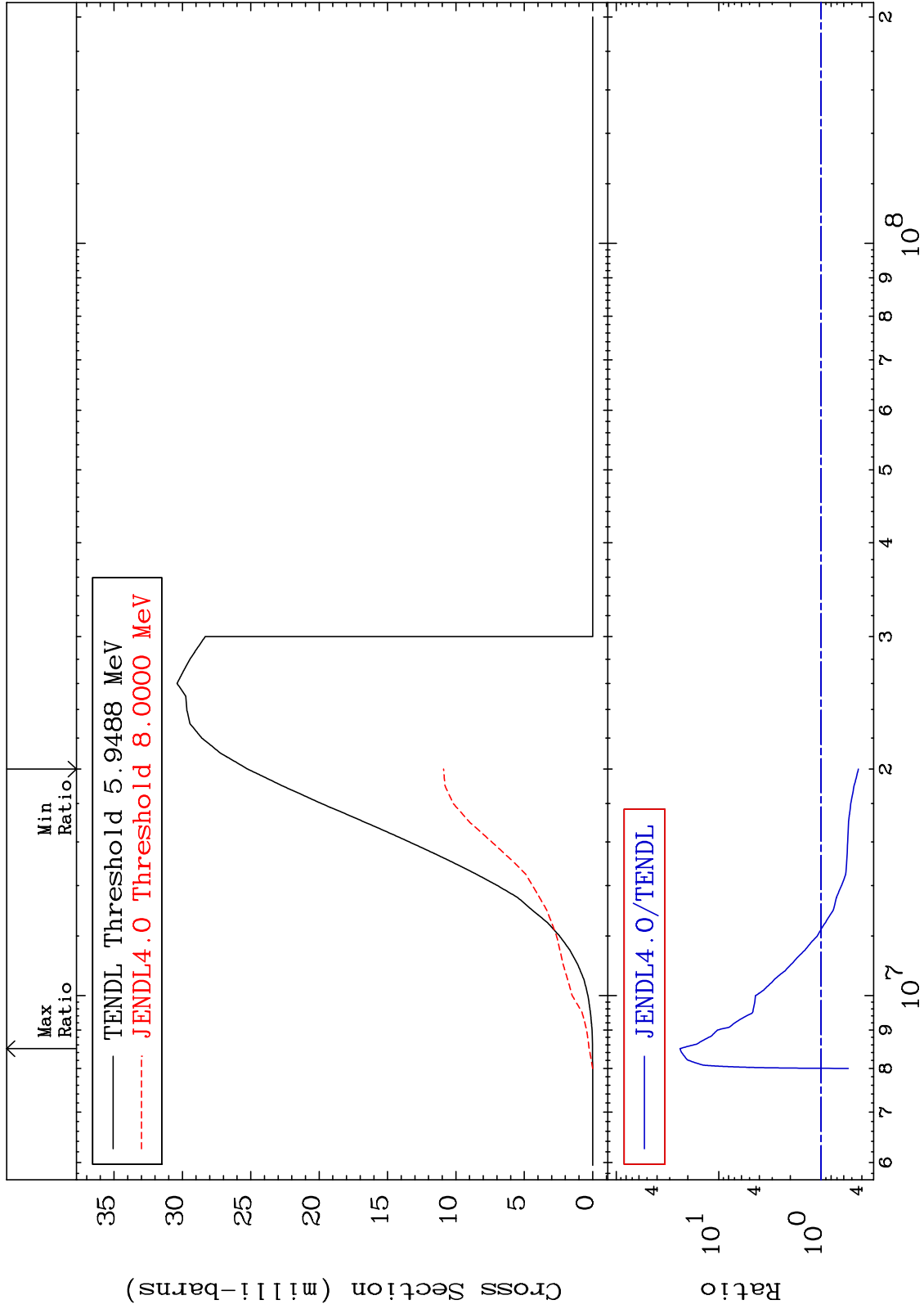
MAT 2525

(n, d)

²⁵Mn-55

Cross Section

-56.79 To 2284. %



26

Incident Energy (eV)

²⁵Mn-55

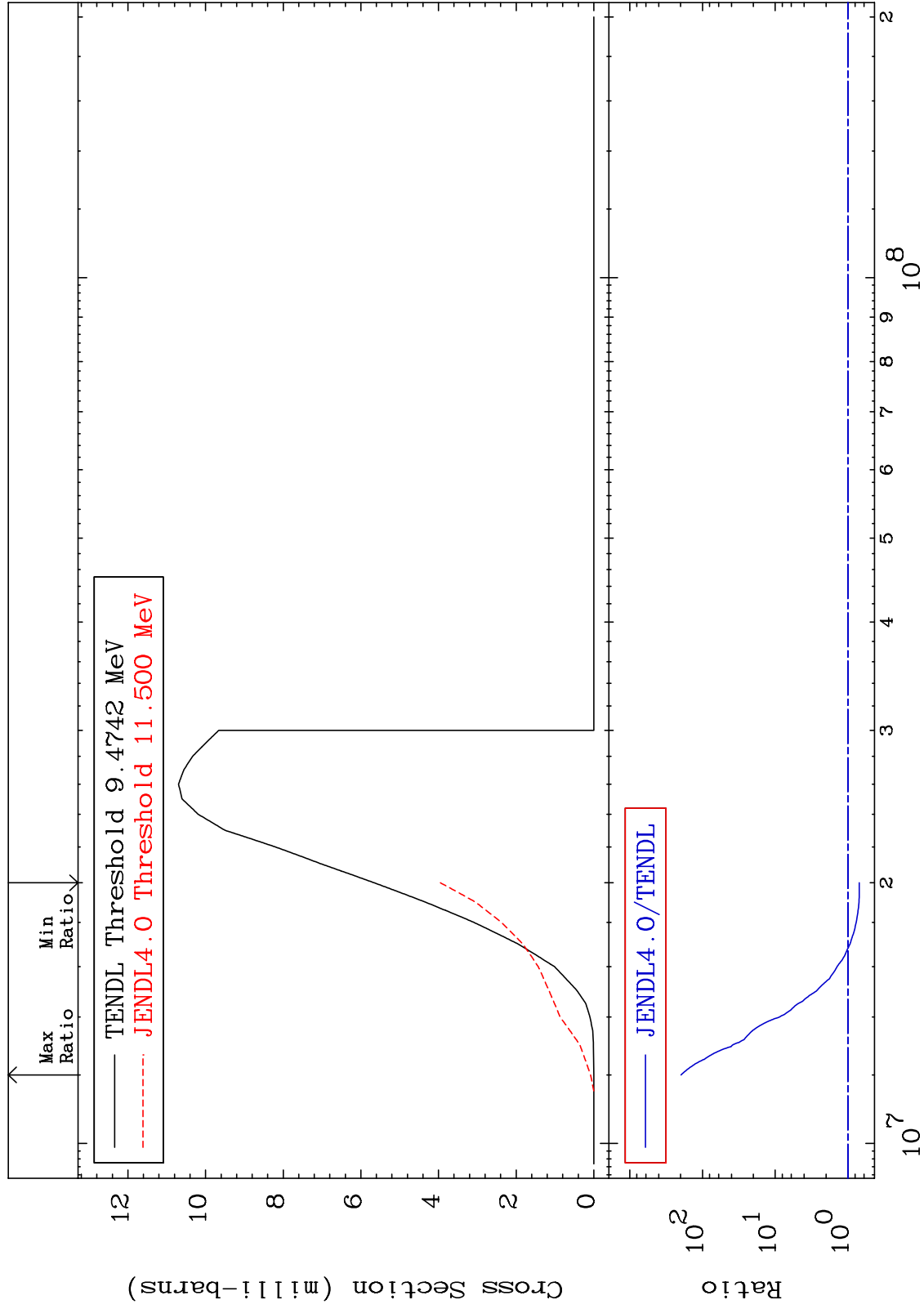
MAT 2525

(n, t)

²⁵Mn-55

Cross Section

-30.16 To 9999. %



27

Incident Energy (eV)

²⁵Mn-55

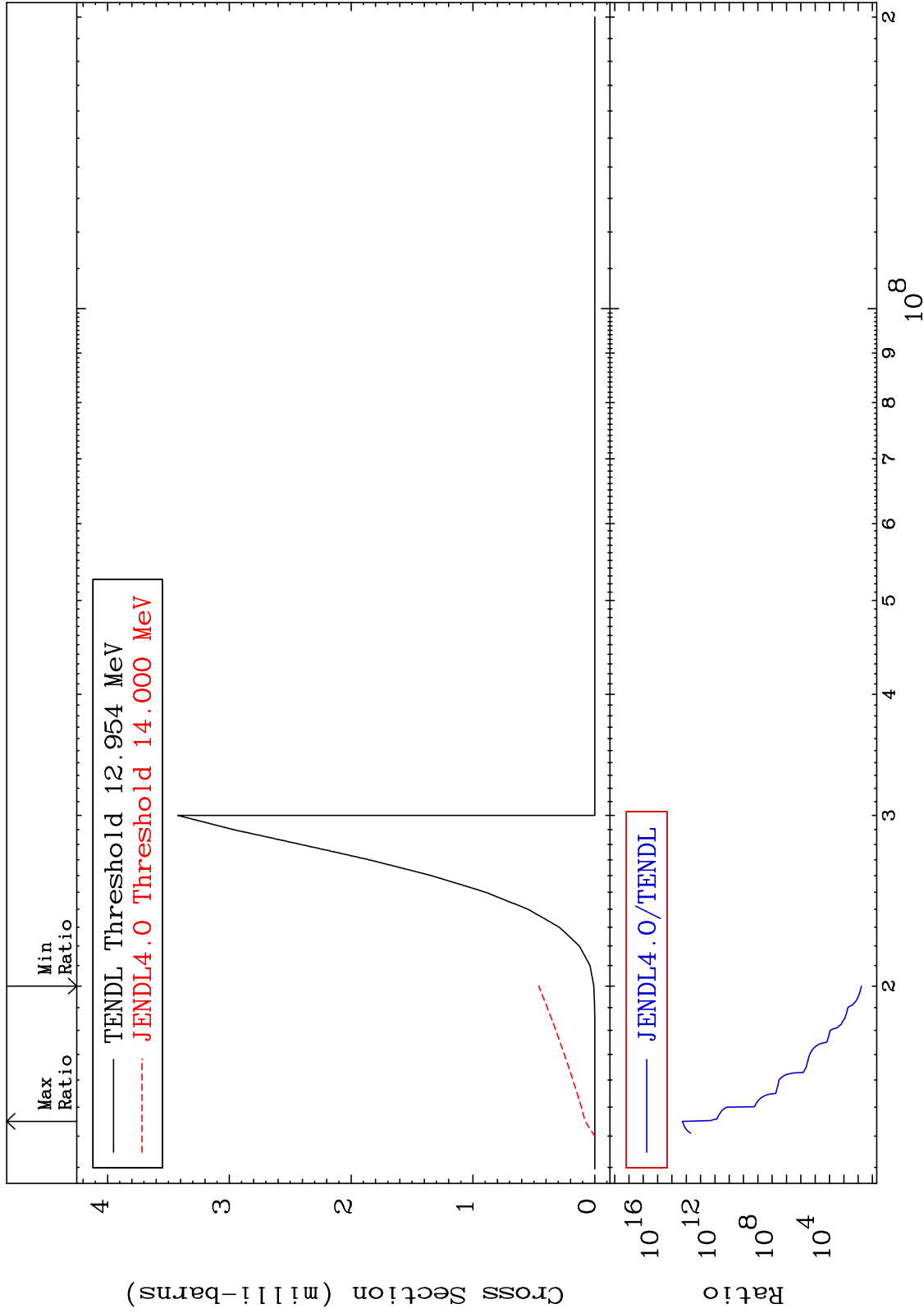
MAT 2525

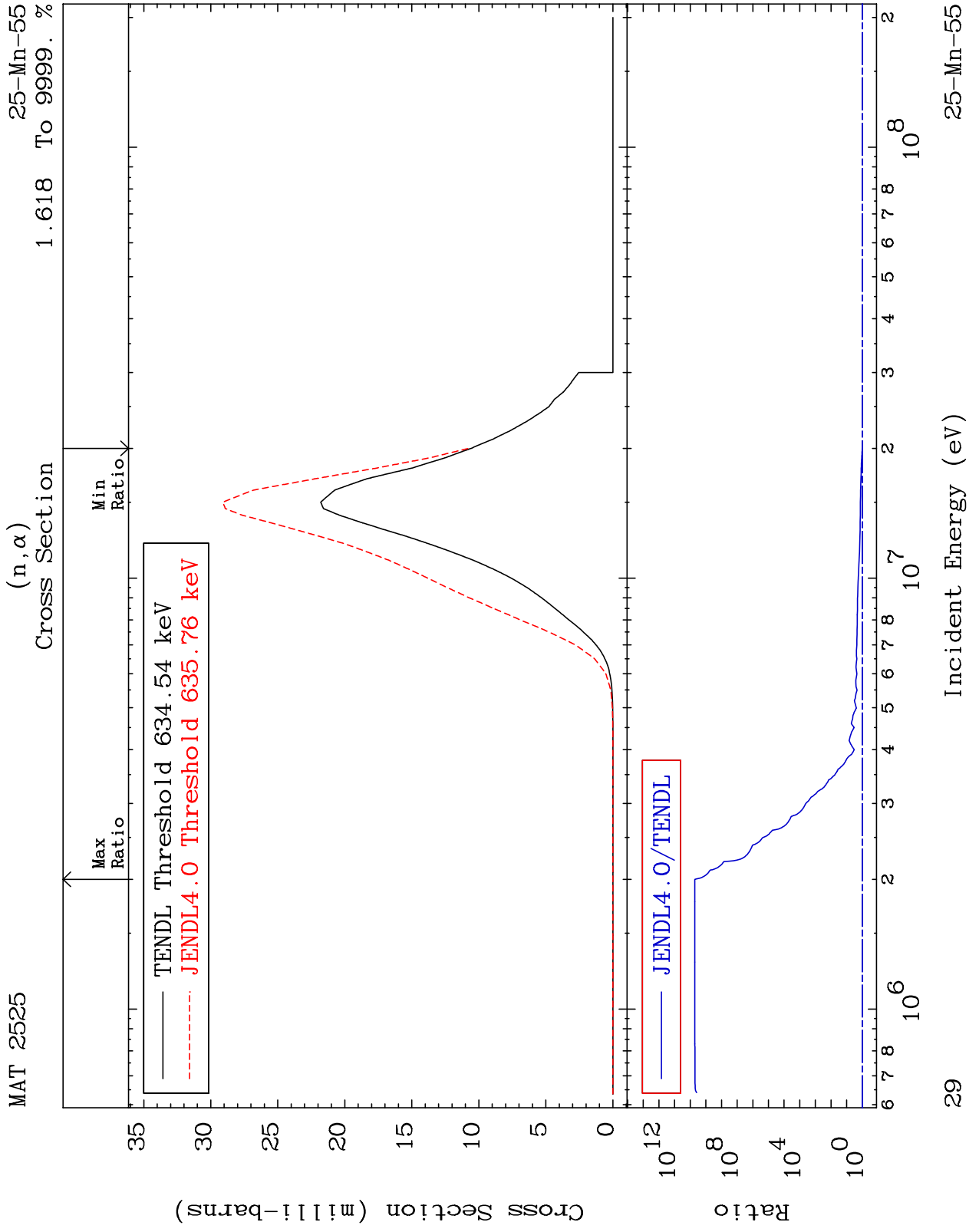
(n, He-3)

²⁵Mn-55

Cross Section

5760. To 9999. %

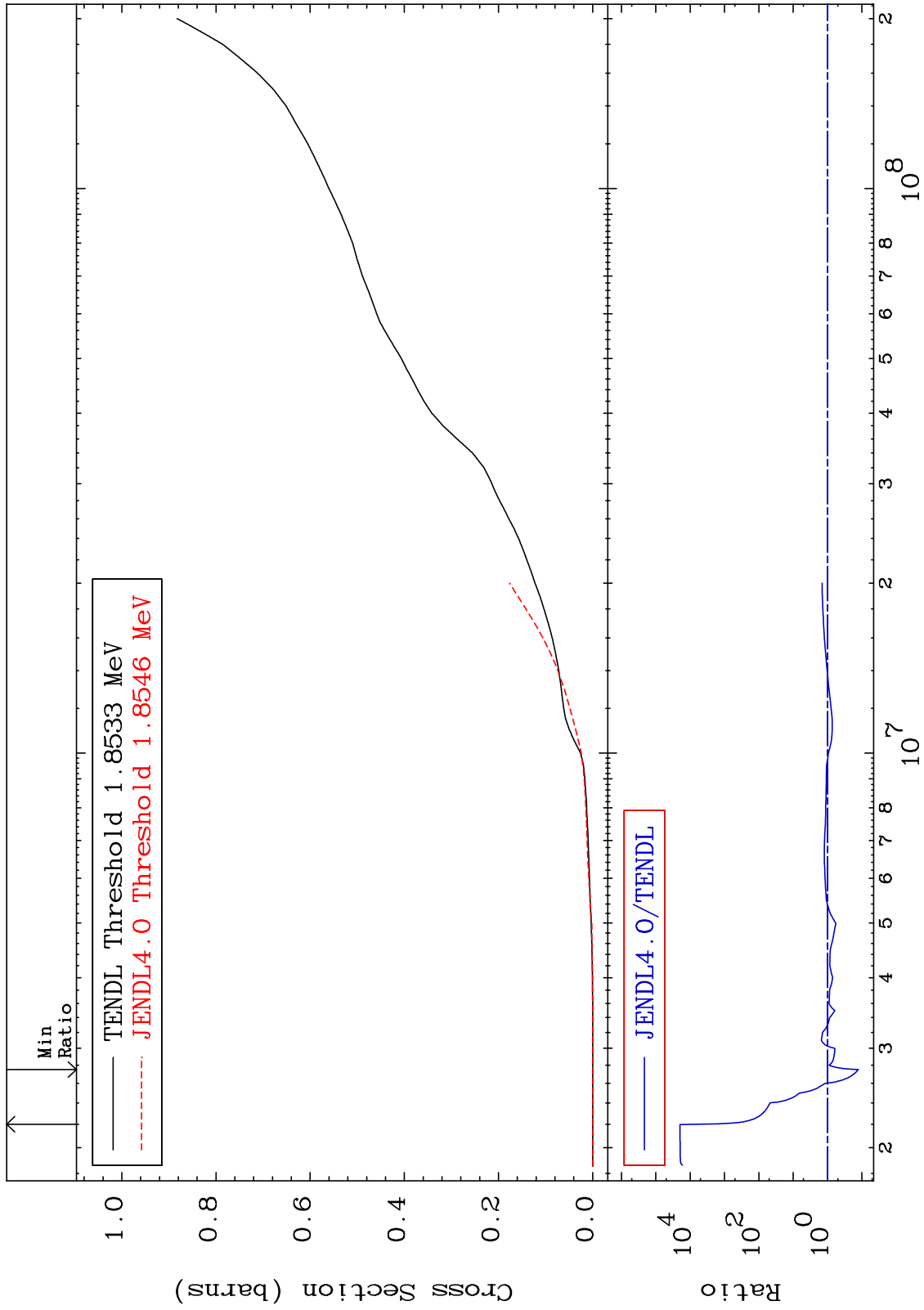




MAT 2525

Hydrogen Production
Cross Section

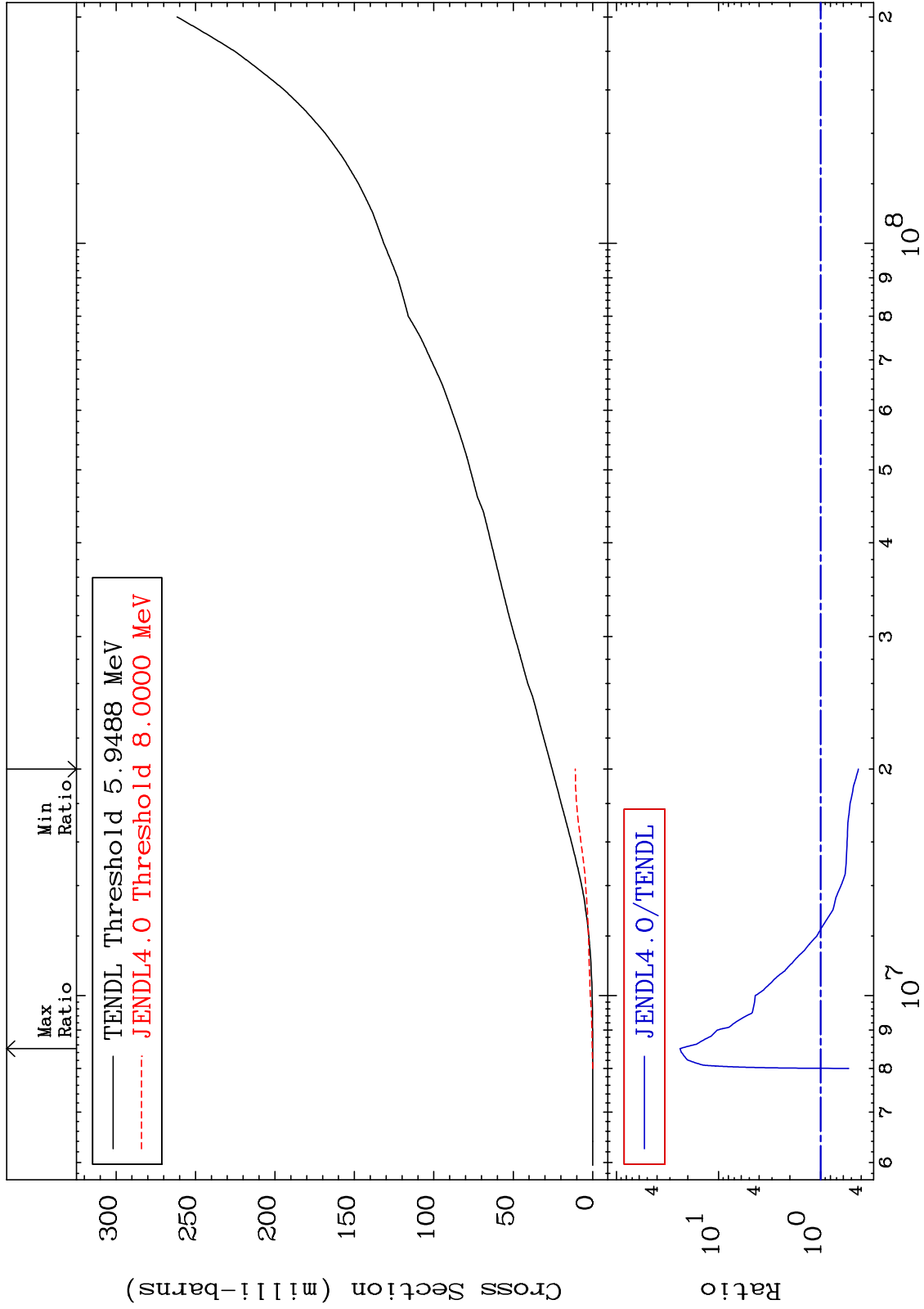
25-Mn-55
-87.41 To 9999. %



MAT 2525

Deuterium Production
Cross Section

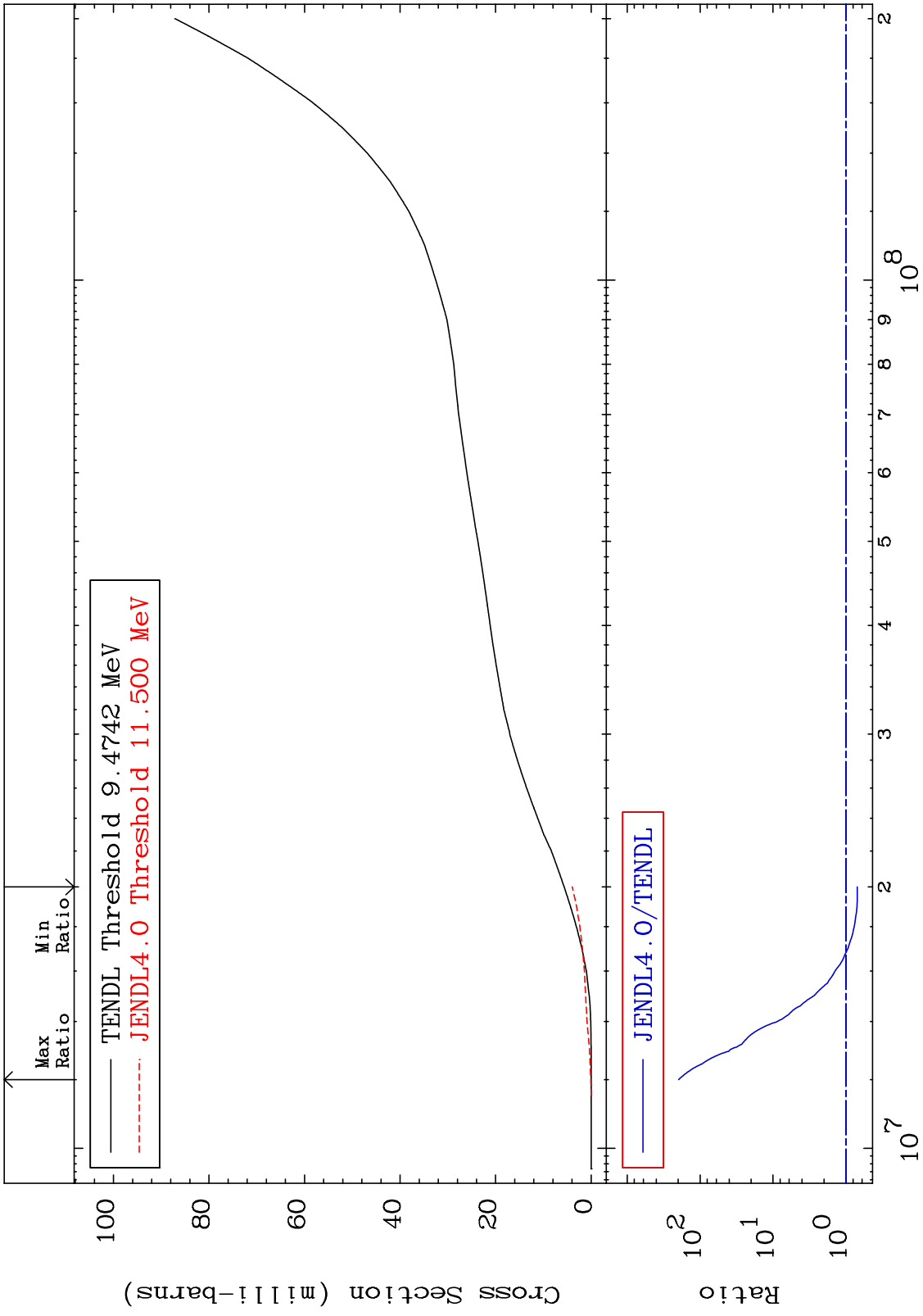
²⁵Mn-55
-57.33 To 2284. %



MAT 2525

Tritium Production
Cross Section

²⁵Mn-55
-30.17 To 9999. %



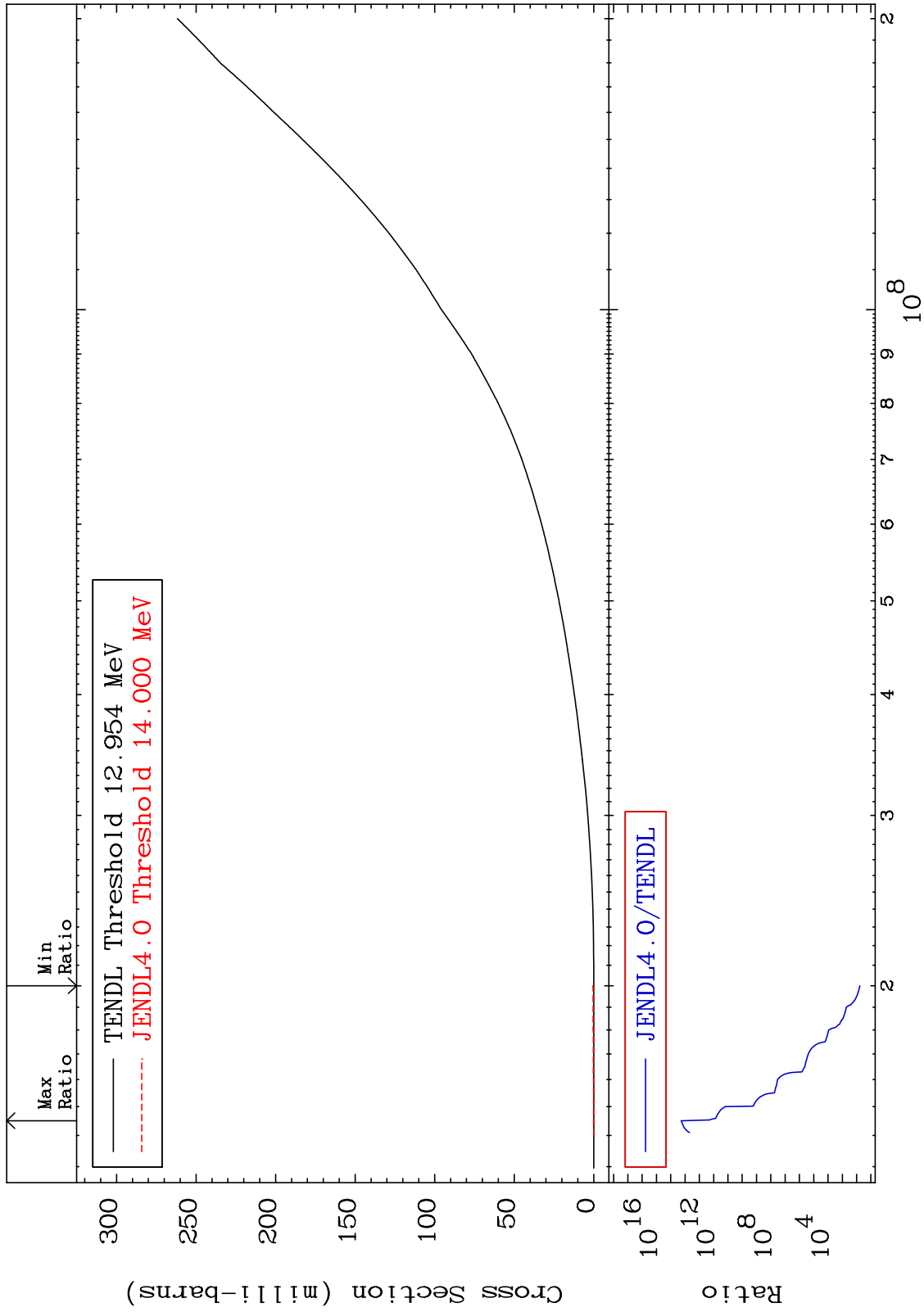
²⁵Mn-55

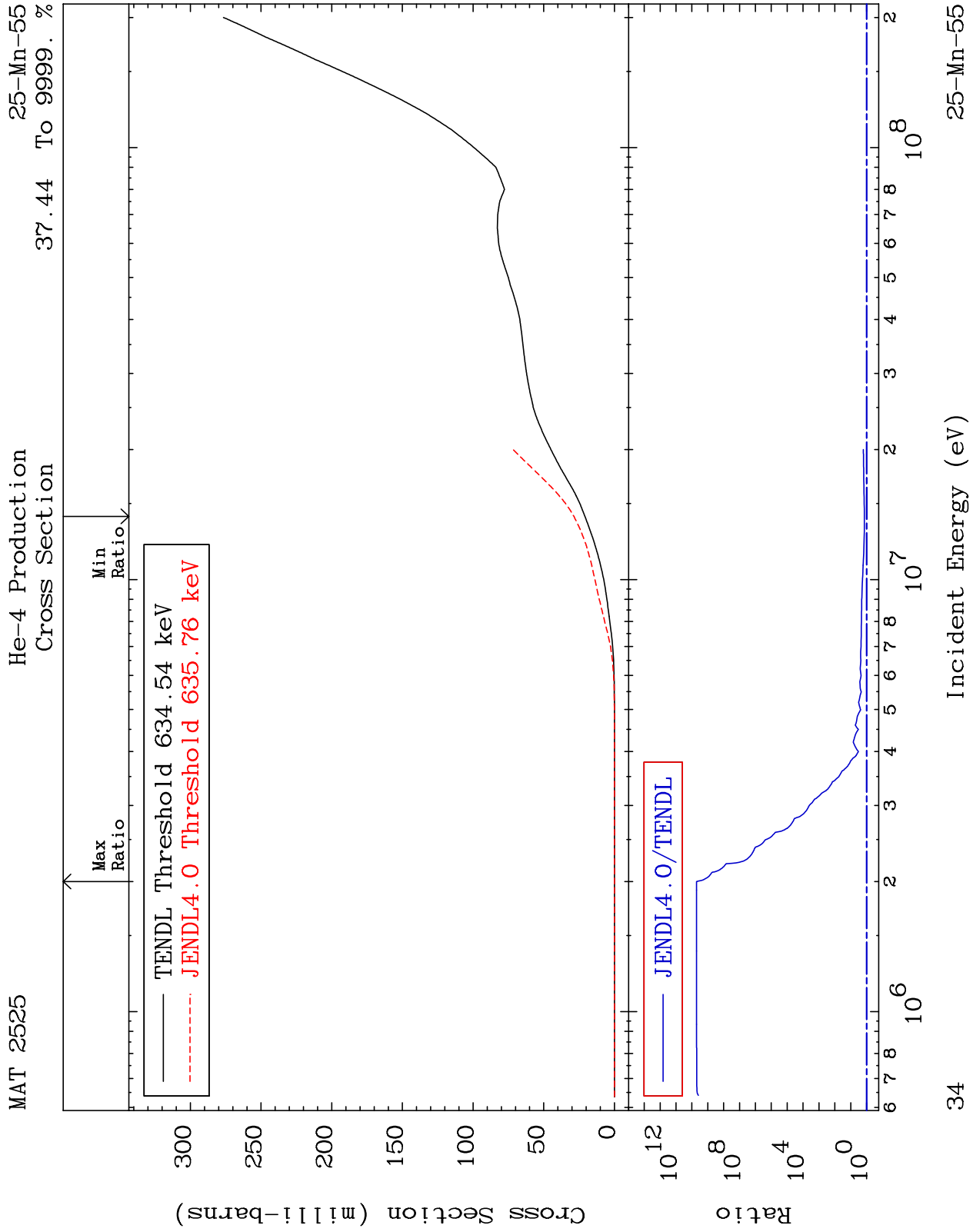
Incident Energy (eV)

MAT 2525

He-3 Production
Cross Section

25-Mn-55
5760. To 9999. %

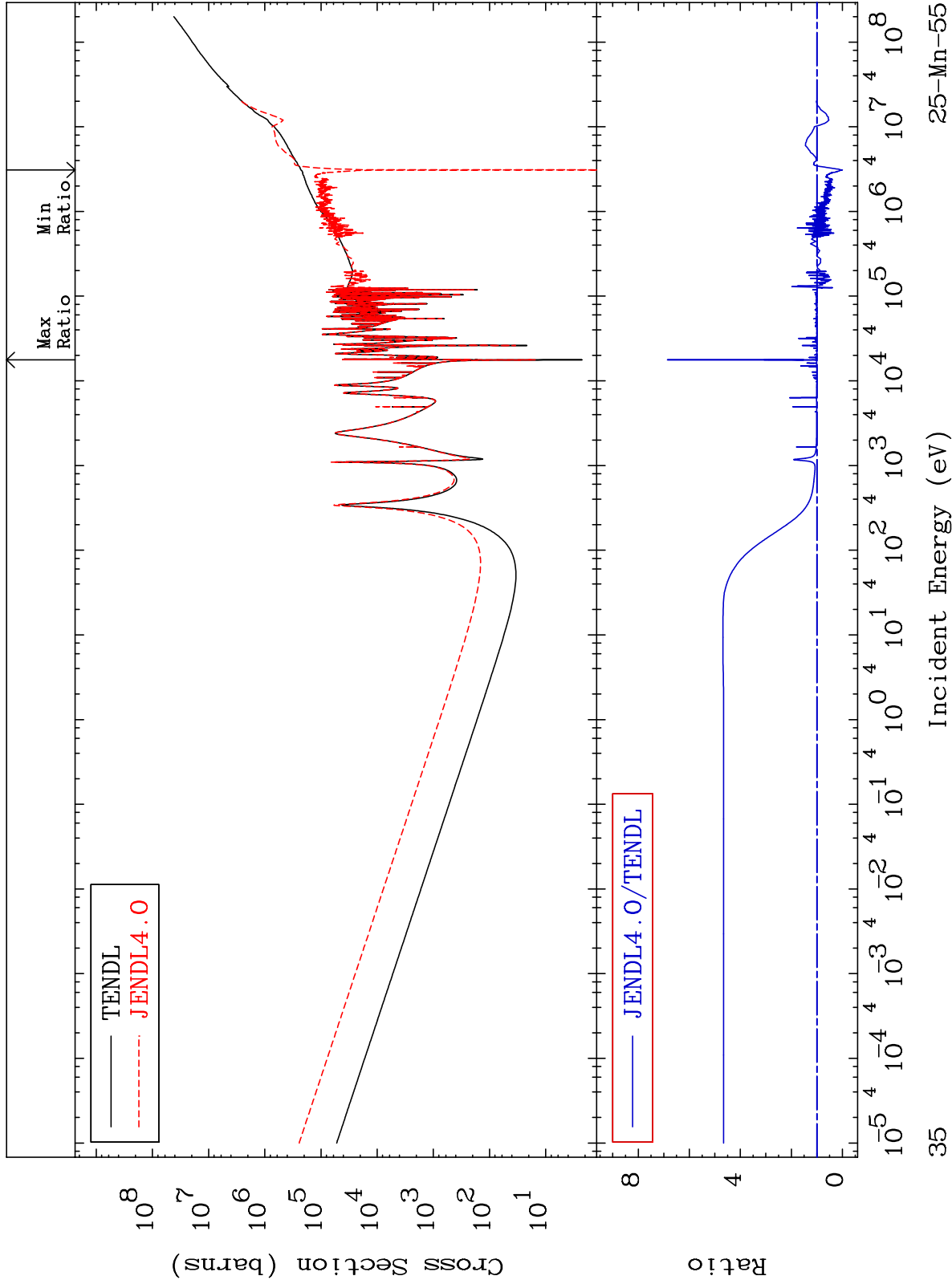




MAT 2525

Kerma total (eV-barns)
Cross Section

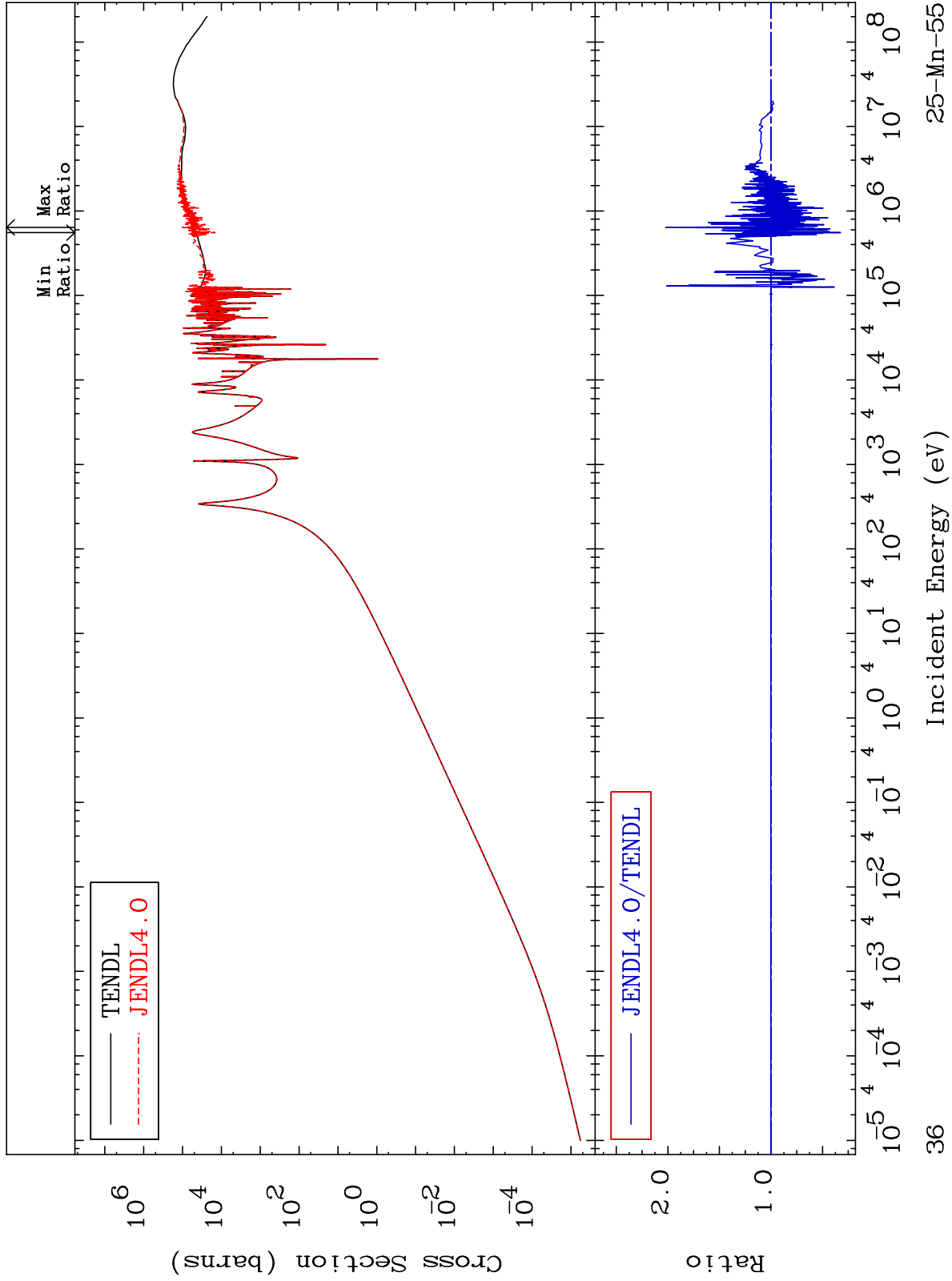
25-Mn-55
-101.0 To 585.3 %



MAT 2525

Kerma elastic
Cross Section

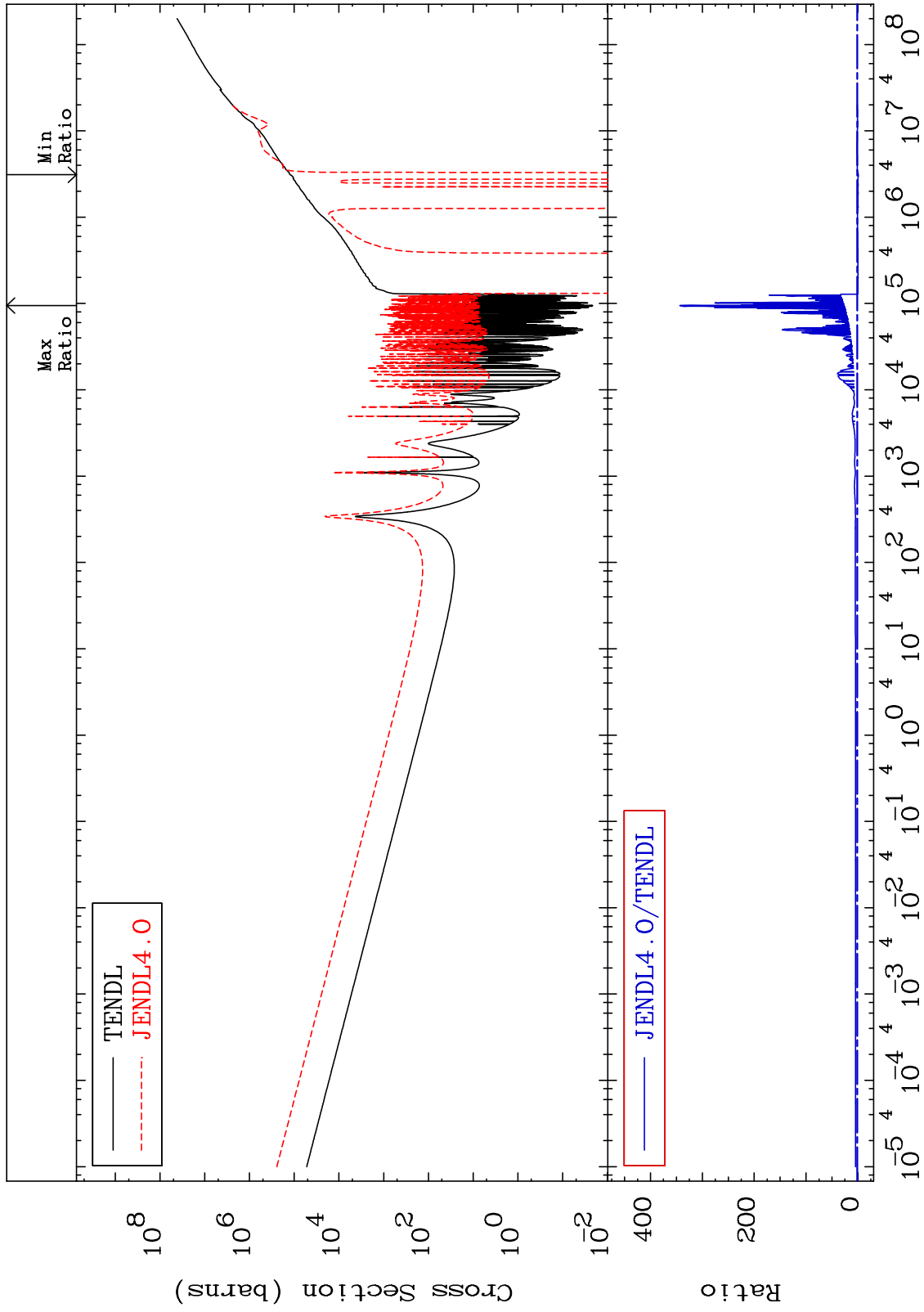
25-Mn-55
-67.50 To 102.0 %



MAT 2525

Kerma non-elastic (all but mt2)
Cross Section

25-Mn-55
-200.3 To 9999. %



37

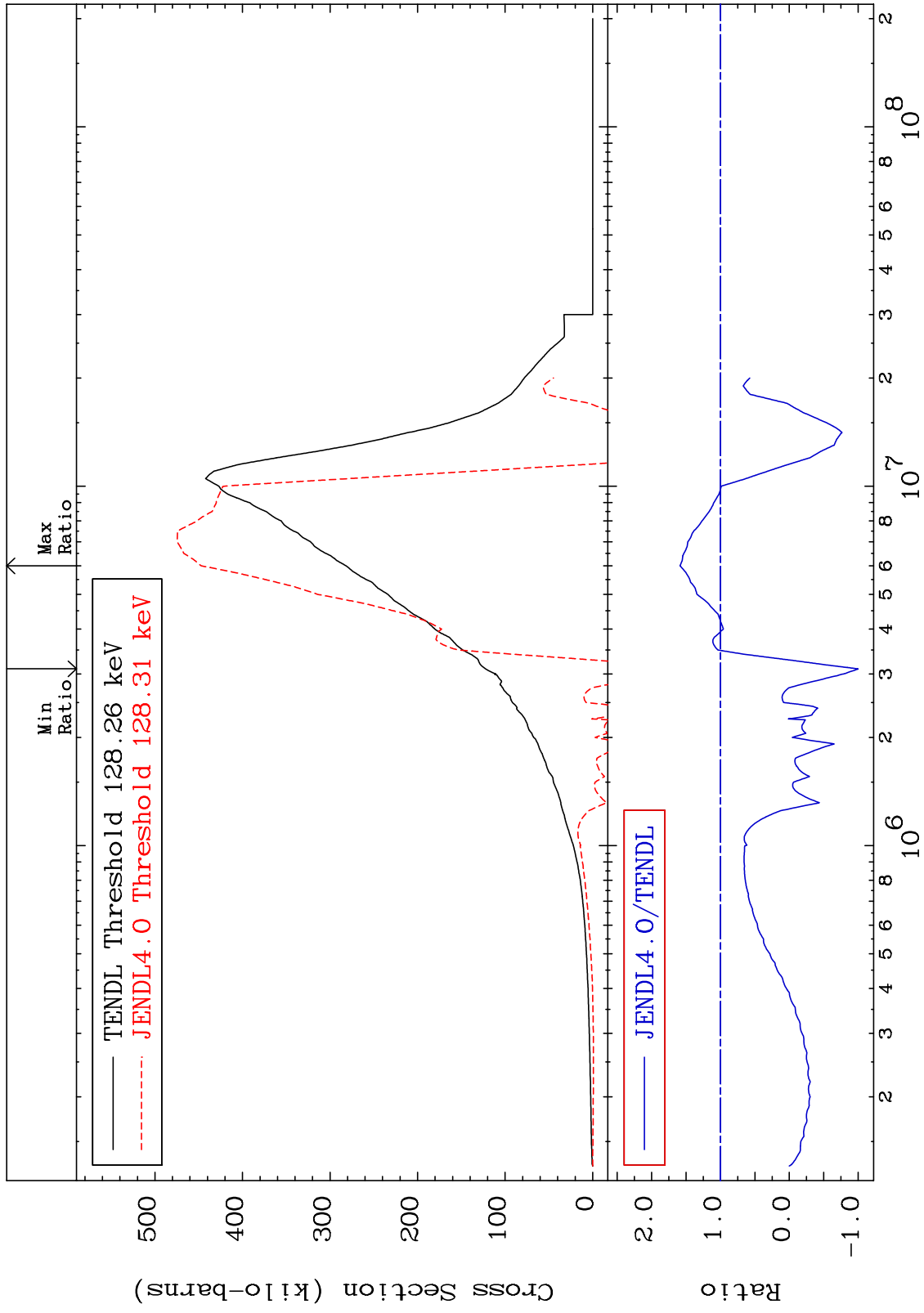
Incident Energy (eV)

25-Mn-55

MAT 2525

Kerma inelastic (mt51-91)
Cross Section

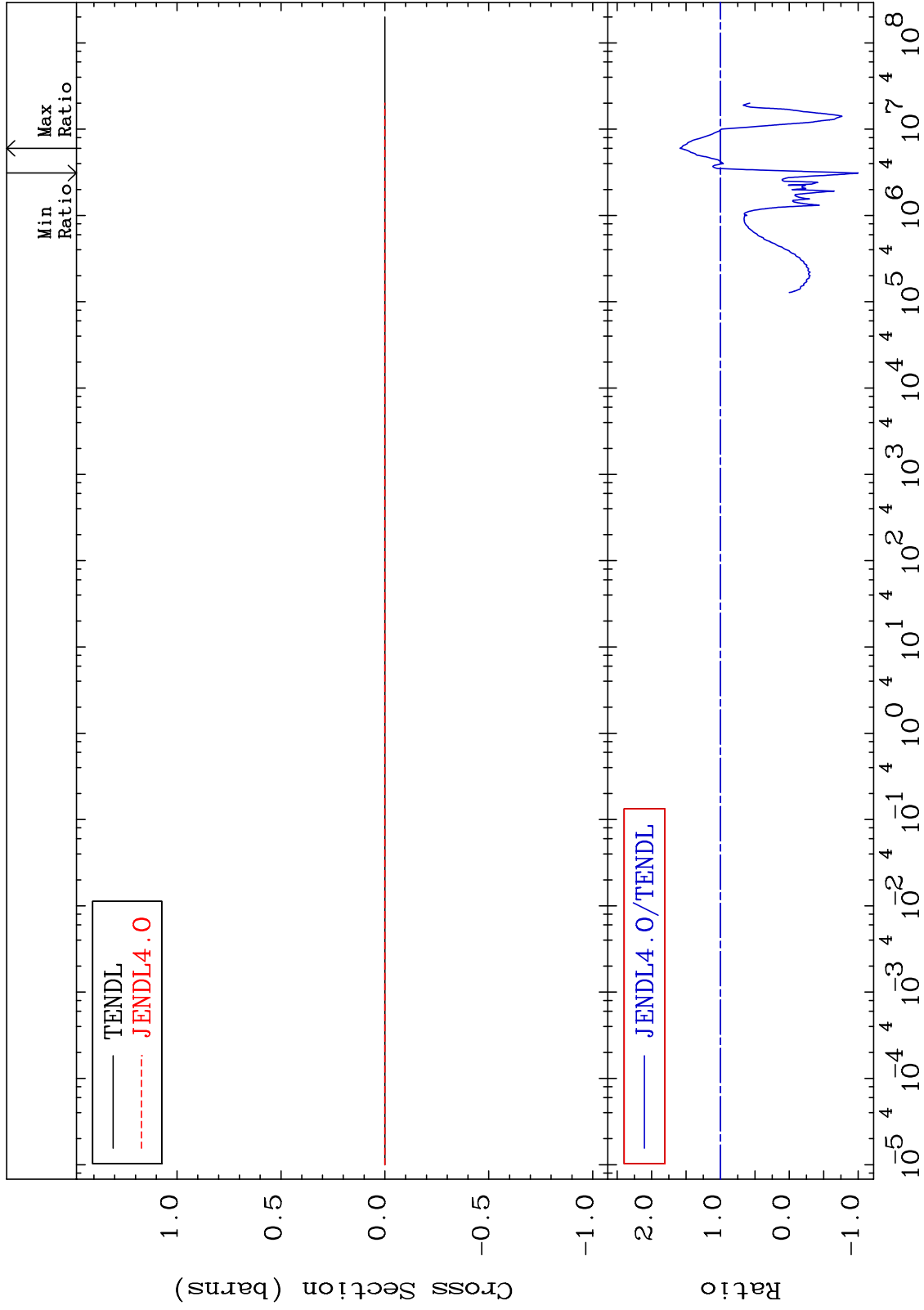
25-Mn-55
-200.4 To 58.77 %



MAT 2525

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

25-Mn-55
-200.4 To 58.77 %



39

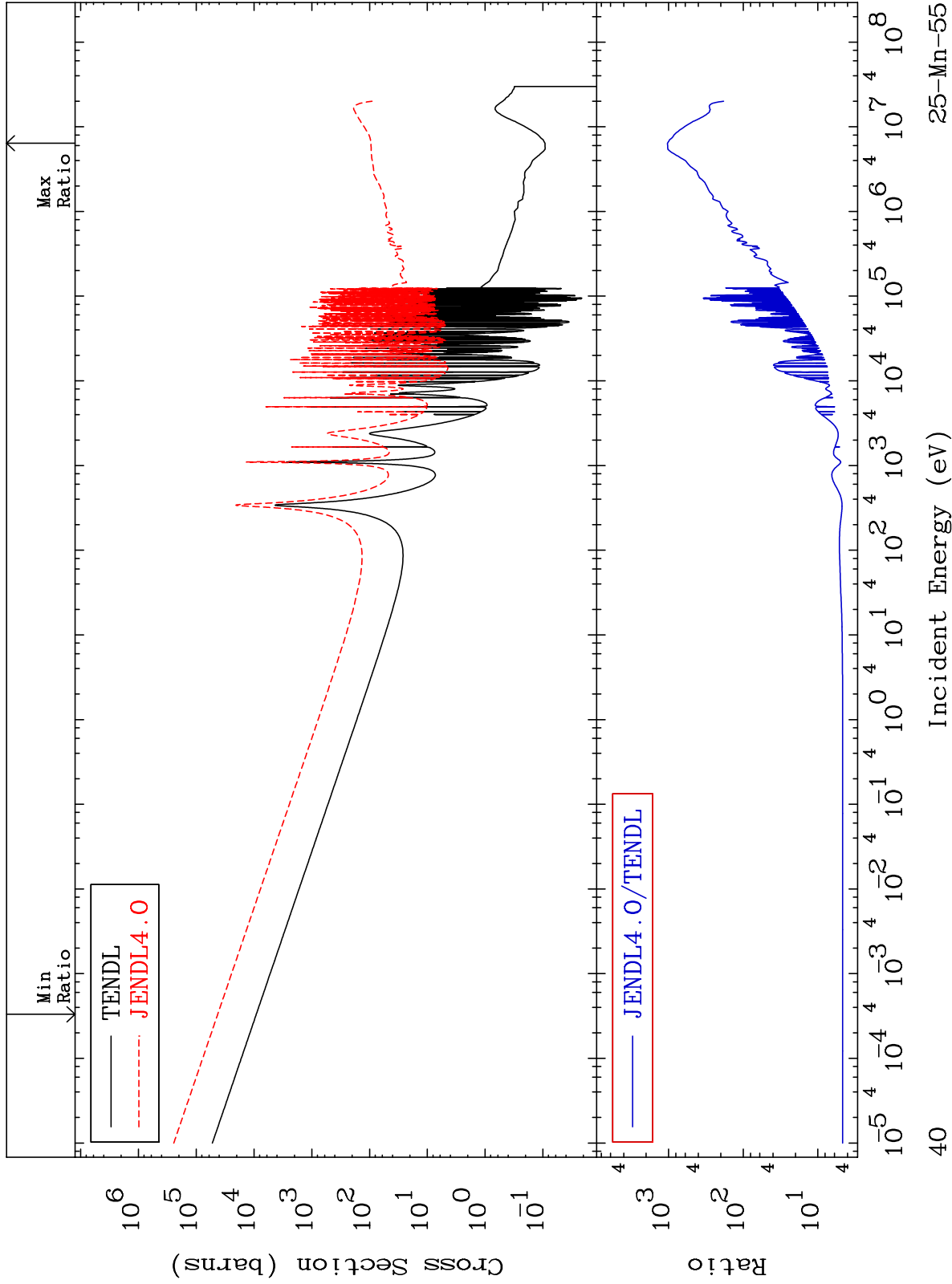
Incident Energy (eV)

25-Mn-55

MAT 2525

Kerma capture (mt102)
Cross Section

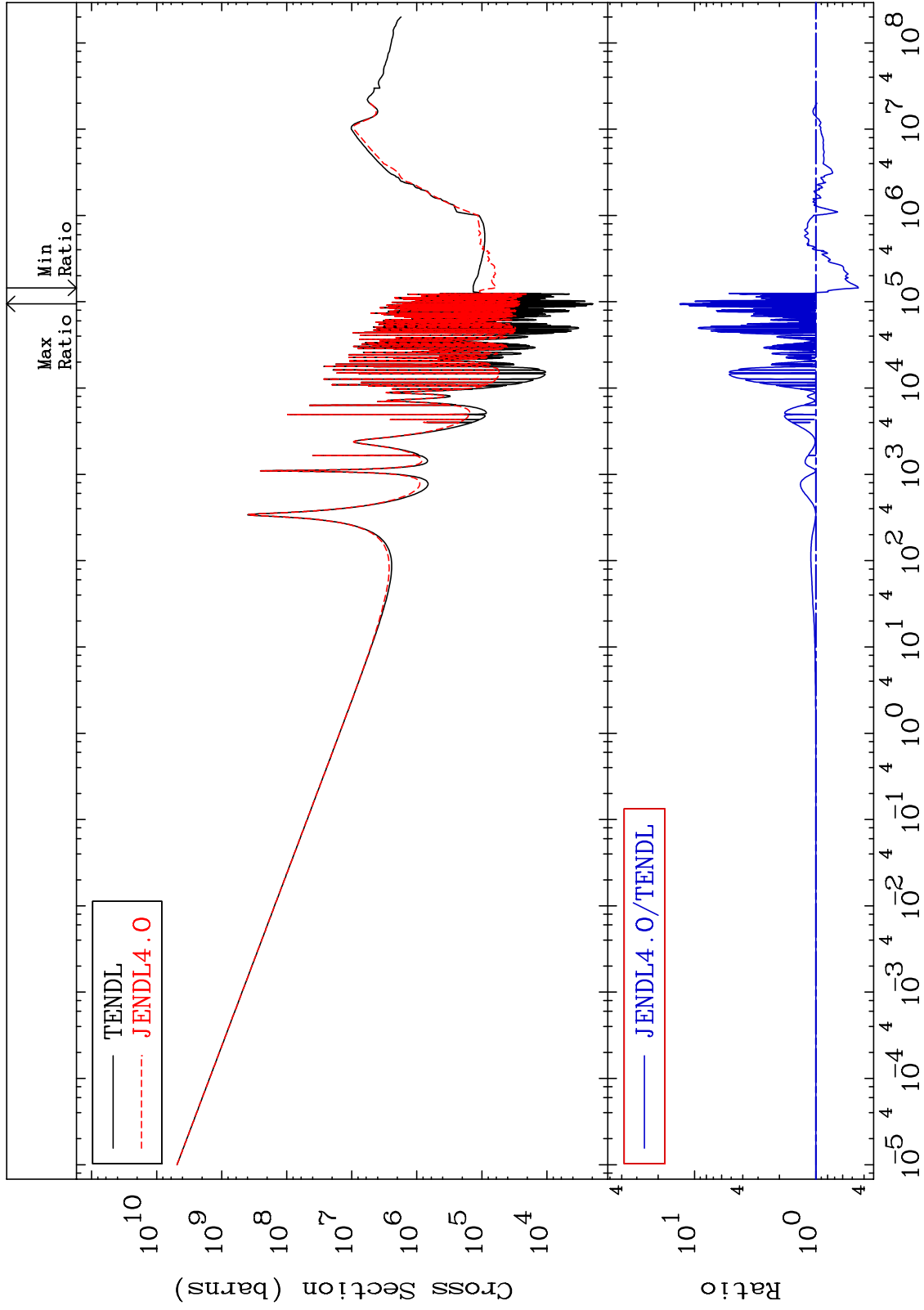
25-Mn-55
365.6 To 9999. %



MAT 2525

Total photon (eV-barns)
Cross Section

25-Mn-55
-55.51 To 1220. %



41

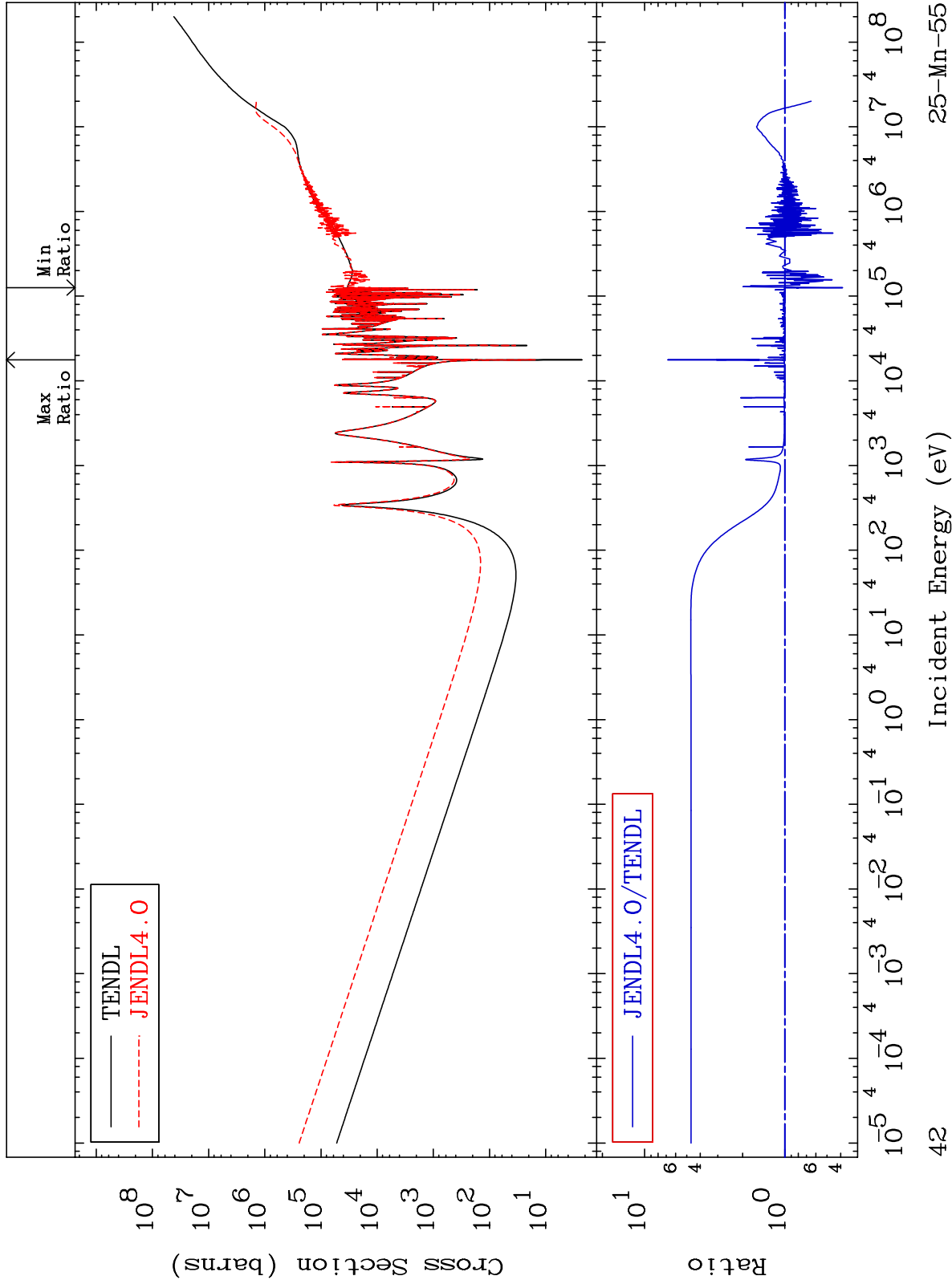
Incident Energy (eV)

25-Mn-55

MAT 2525

Total kinematic kerma (high limit)
Cross Section

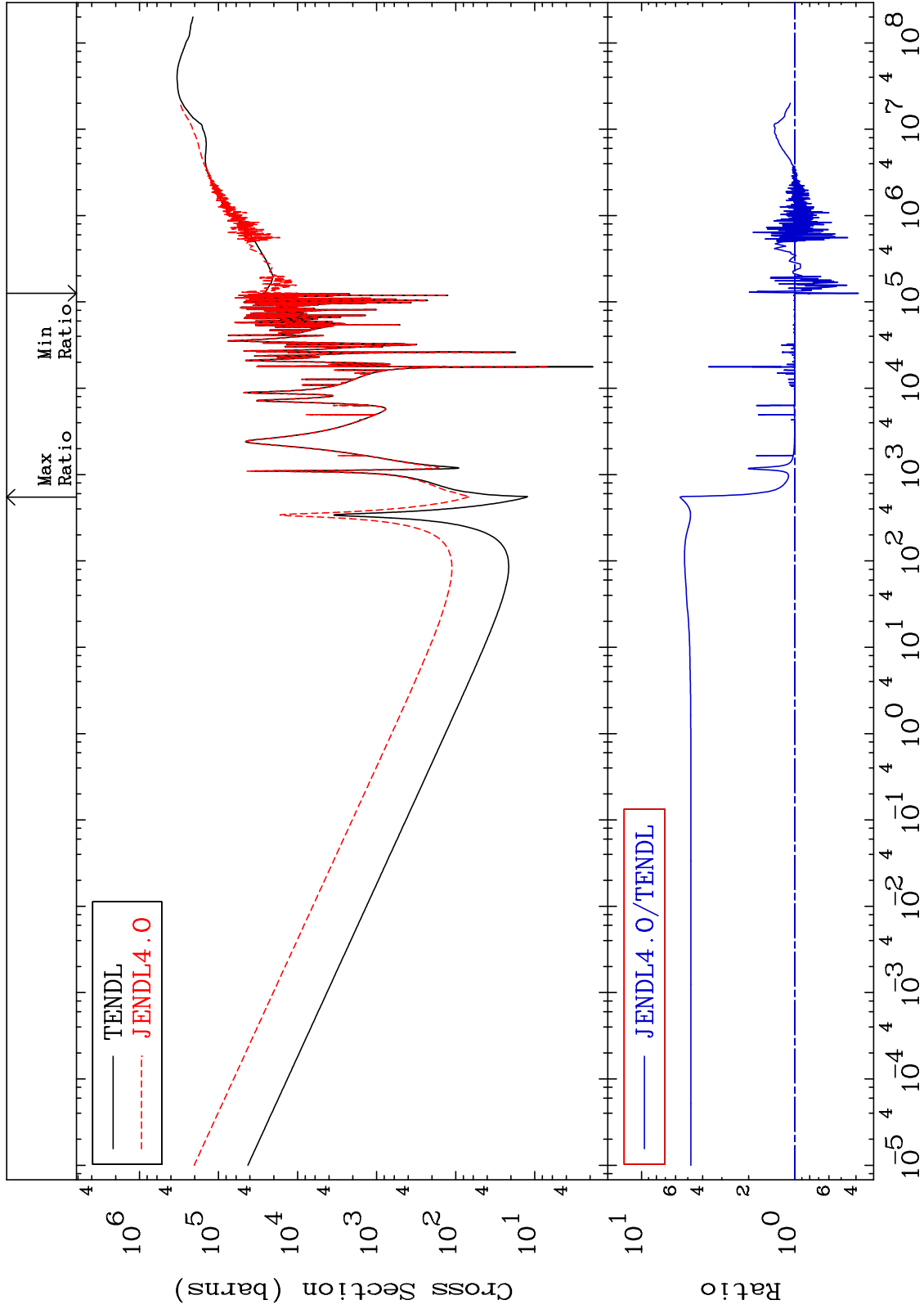
25-Mn-55
-61.34 To 585.3 %



MAT 2525

Dpa total (eV-barns)
Cross Section

25-Mn-55
-61.43 To 461.2 %



43

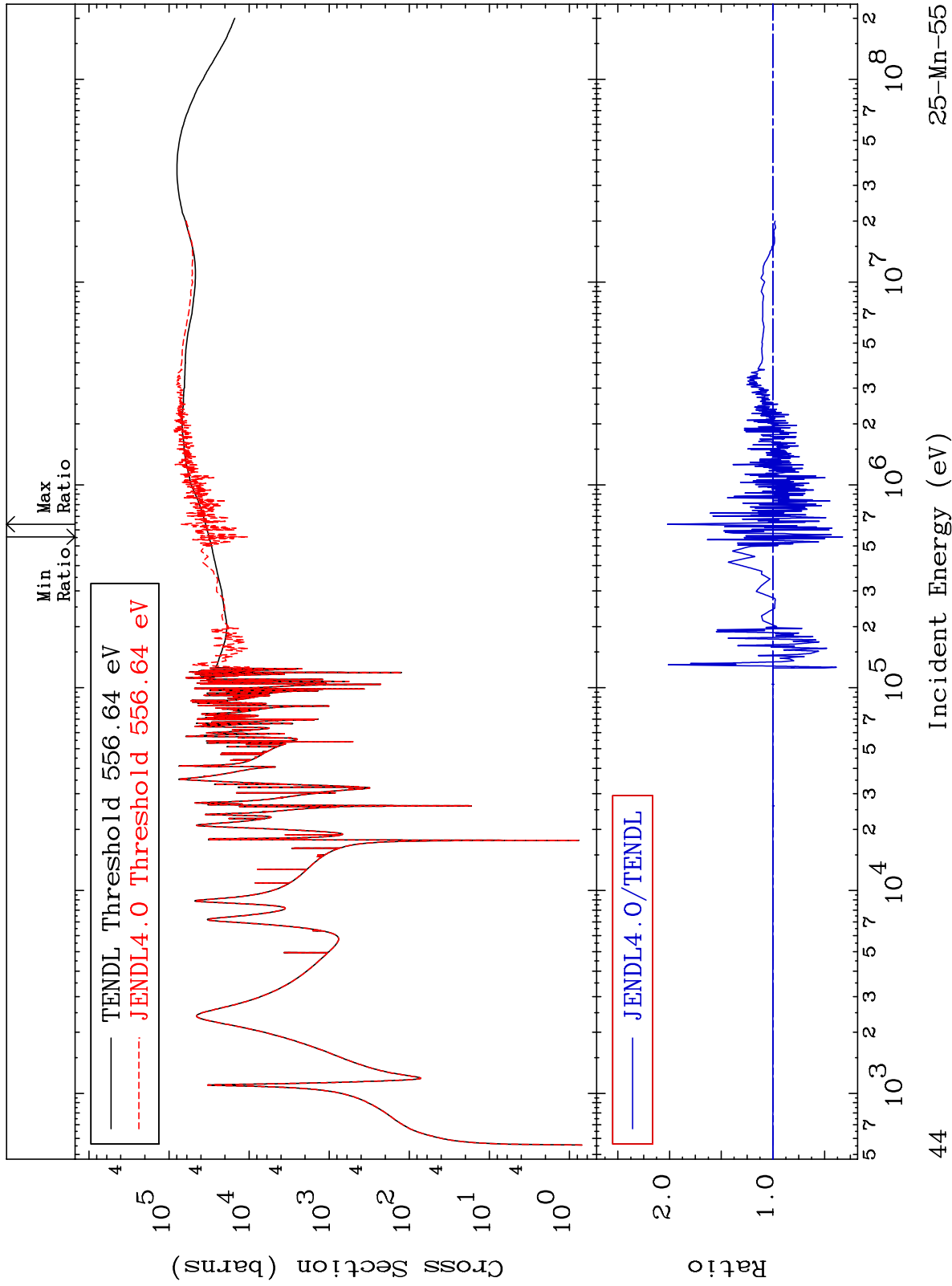
Incident Energy (eV)

25-Mn-55

MAT 2525

Dpa elastic (mt2)
Cross Section

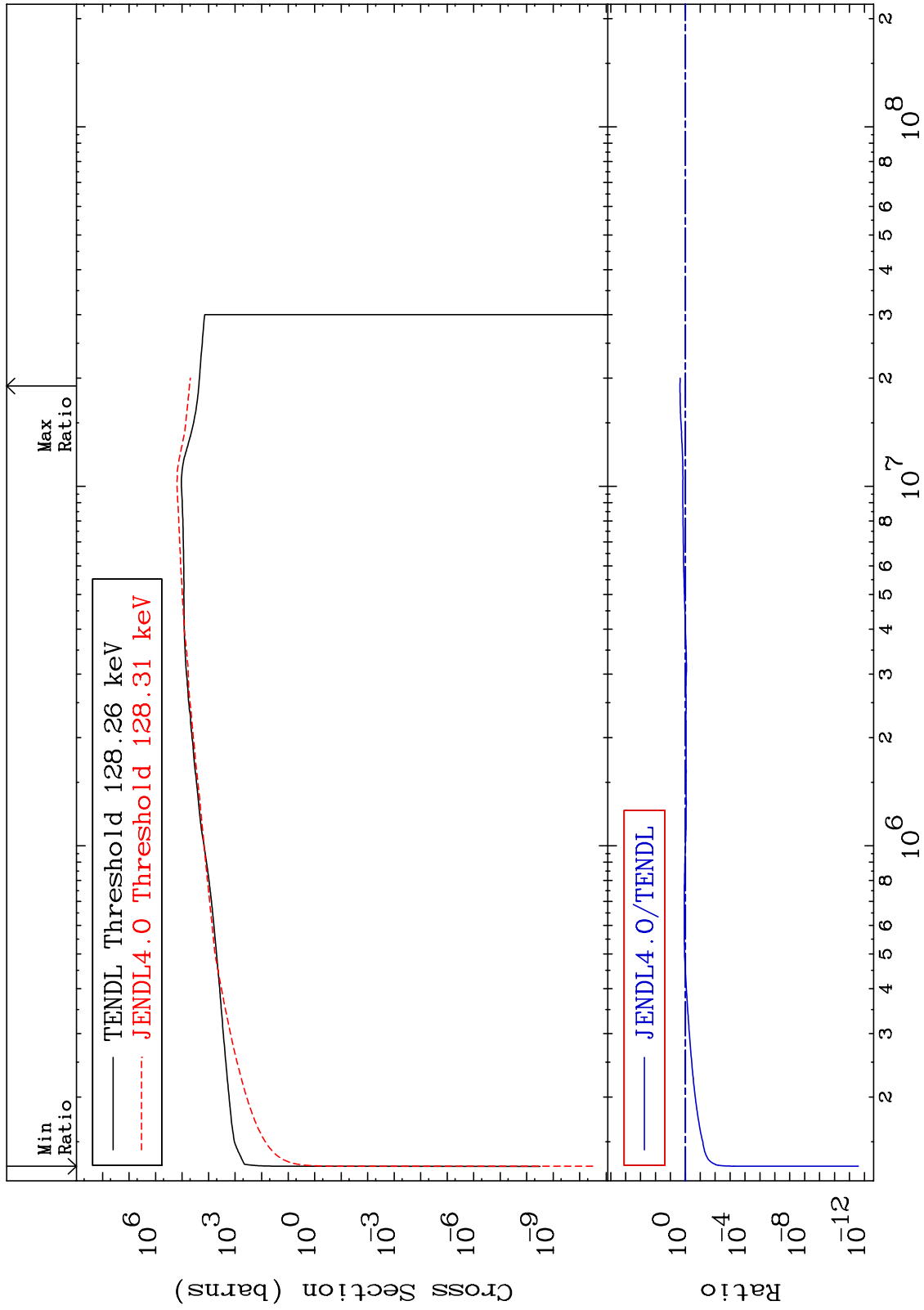
25-Mn-55
-67.50 To 102.0 %



MAT 2525

Dpa inelastic (mt51-91)
Cross Section

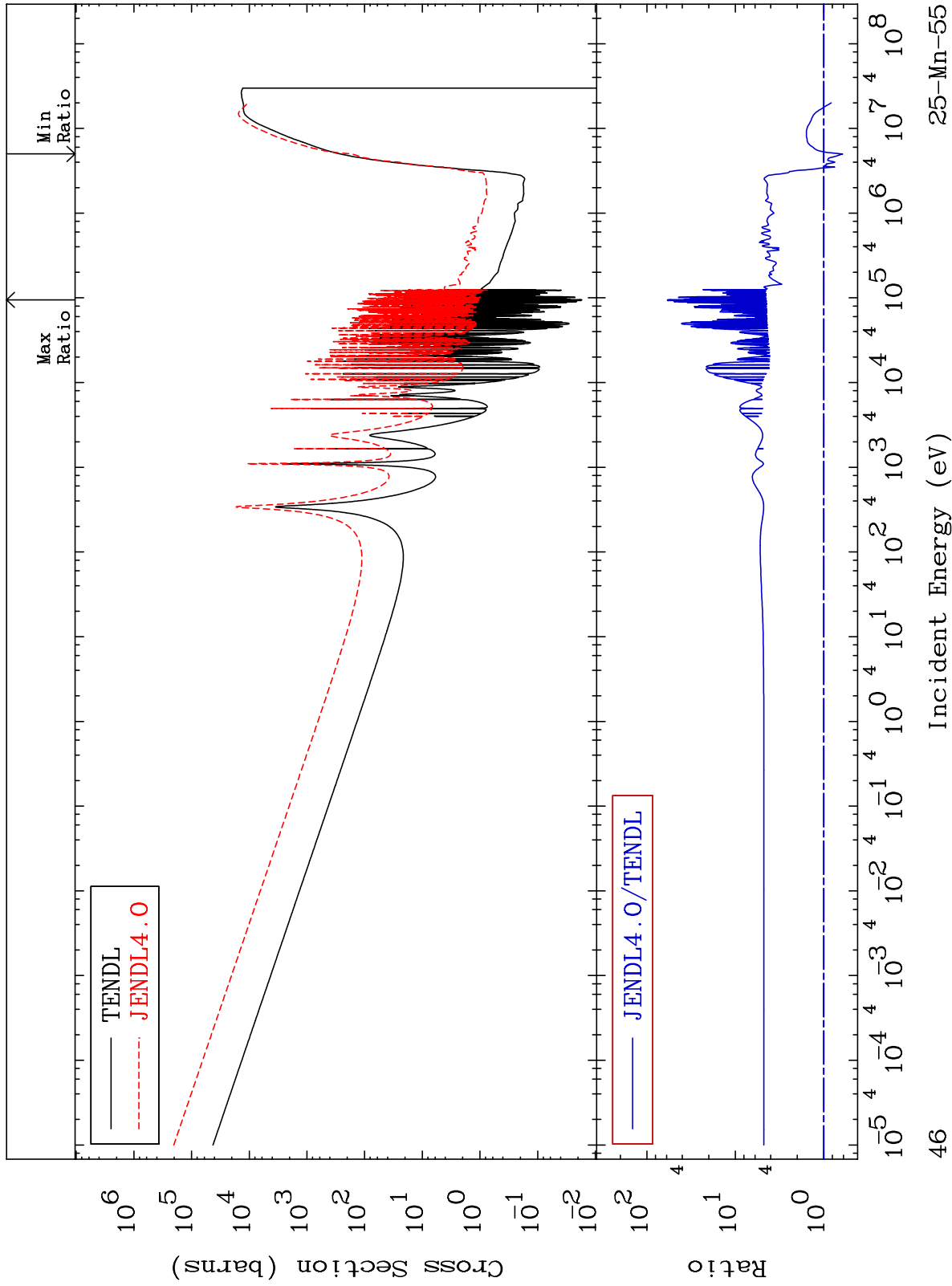
25-Mn-55
-100.0 To 126.7 %



MAT 2525

Dpa disappearance (mt102 -120)
Cross Section

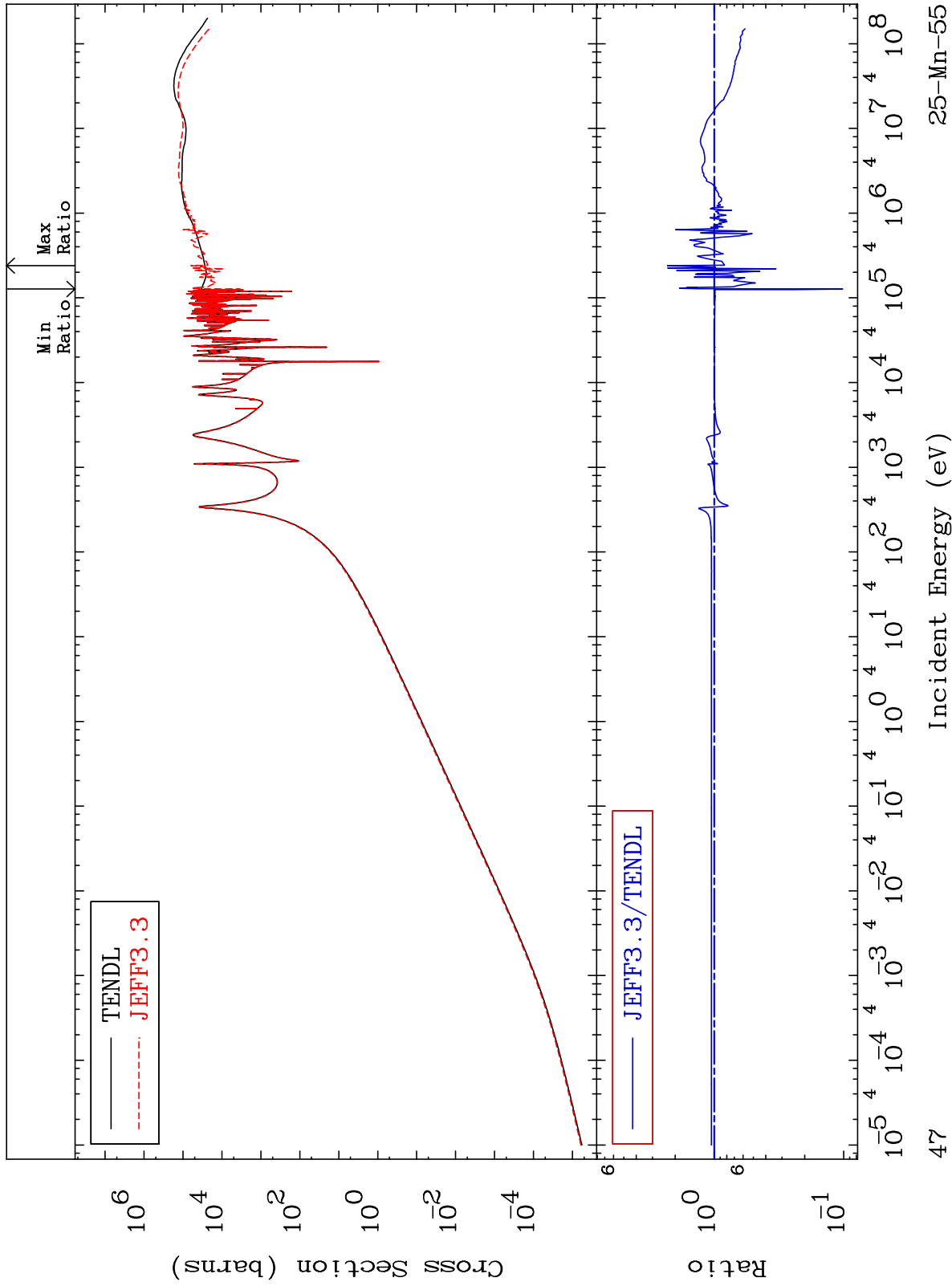
25-Mn-55
-38.75 To 5754. %



MAT 2525

Kerma elastic
Cross Section

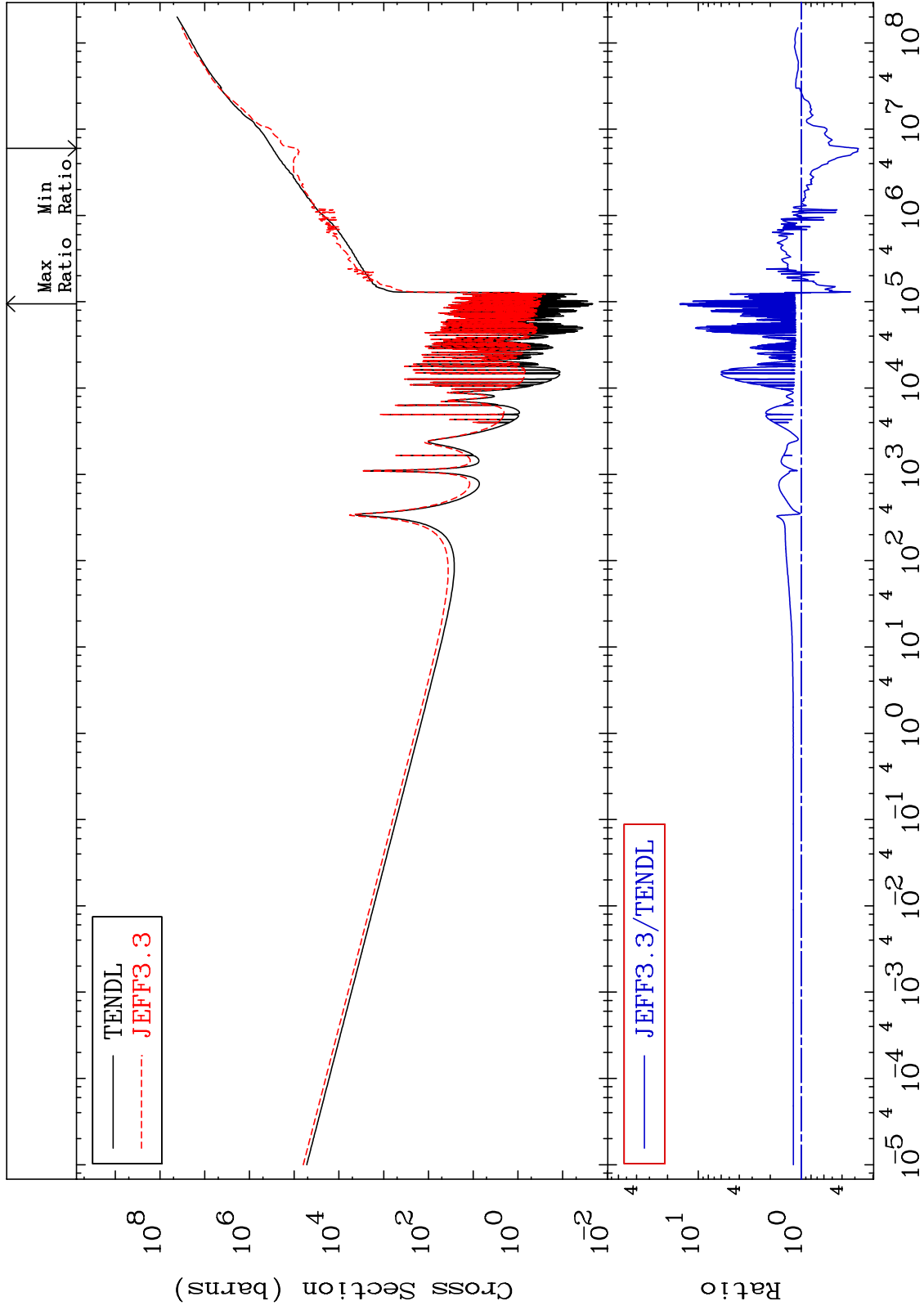
25-Mn-55
-89.81 To 129.4 %



MAT 2525

Kerma non-elastic (all but mt2)
Cross Section

25-Mn-55
-72.27 To 1408. %



48

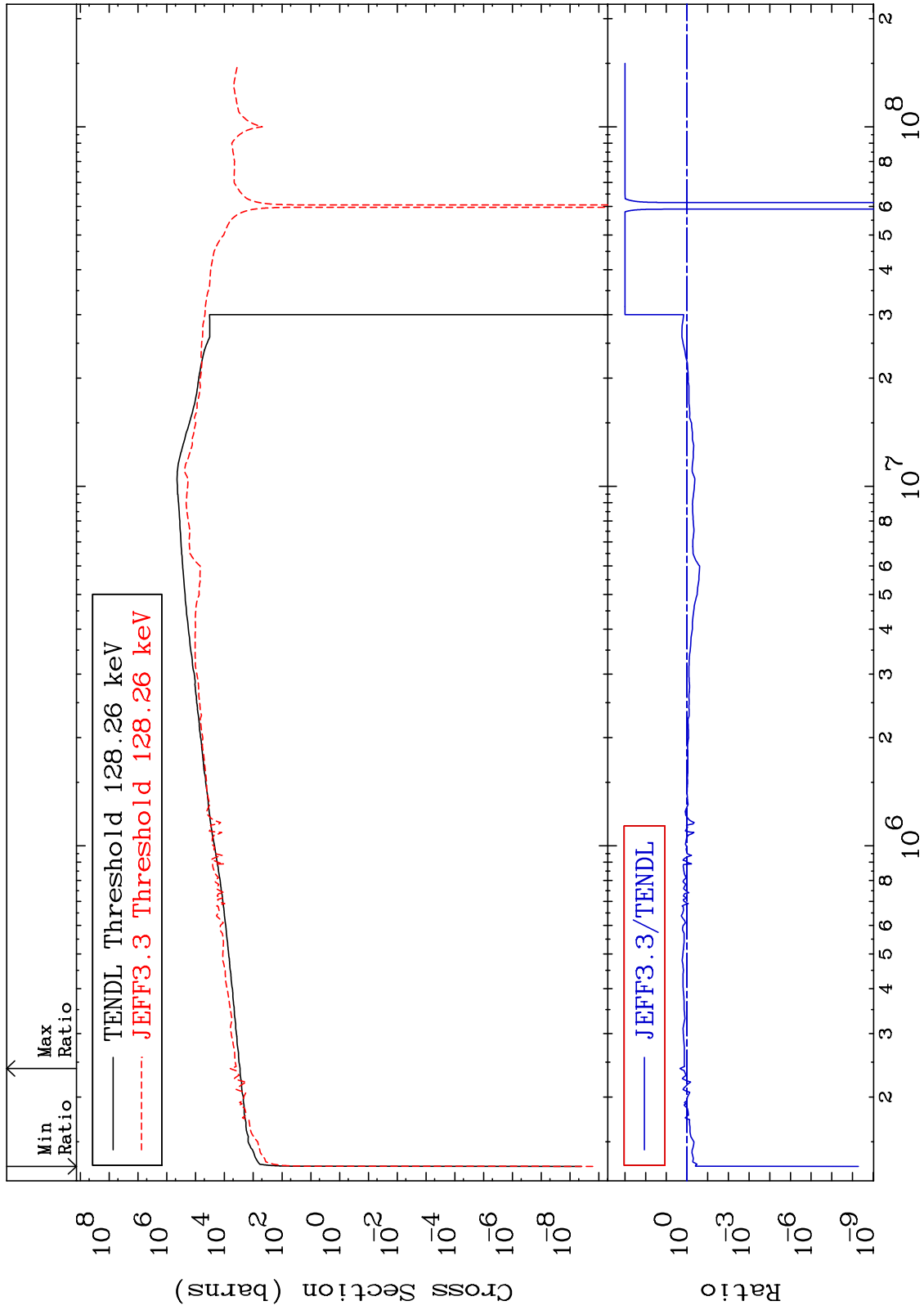
Incident Energy (eV)

25-Mn-55

MAT 2525

Kerma inelastic (mt51-91)
Cross Section

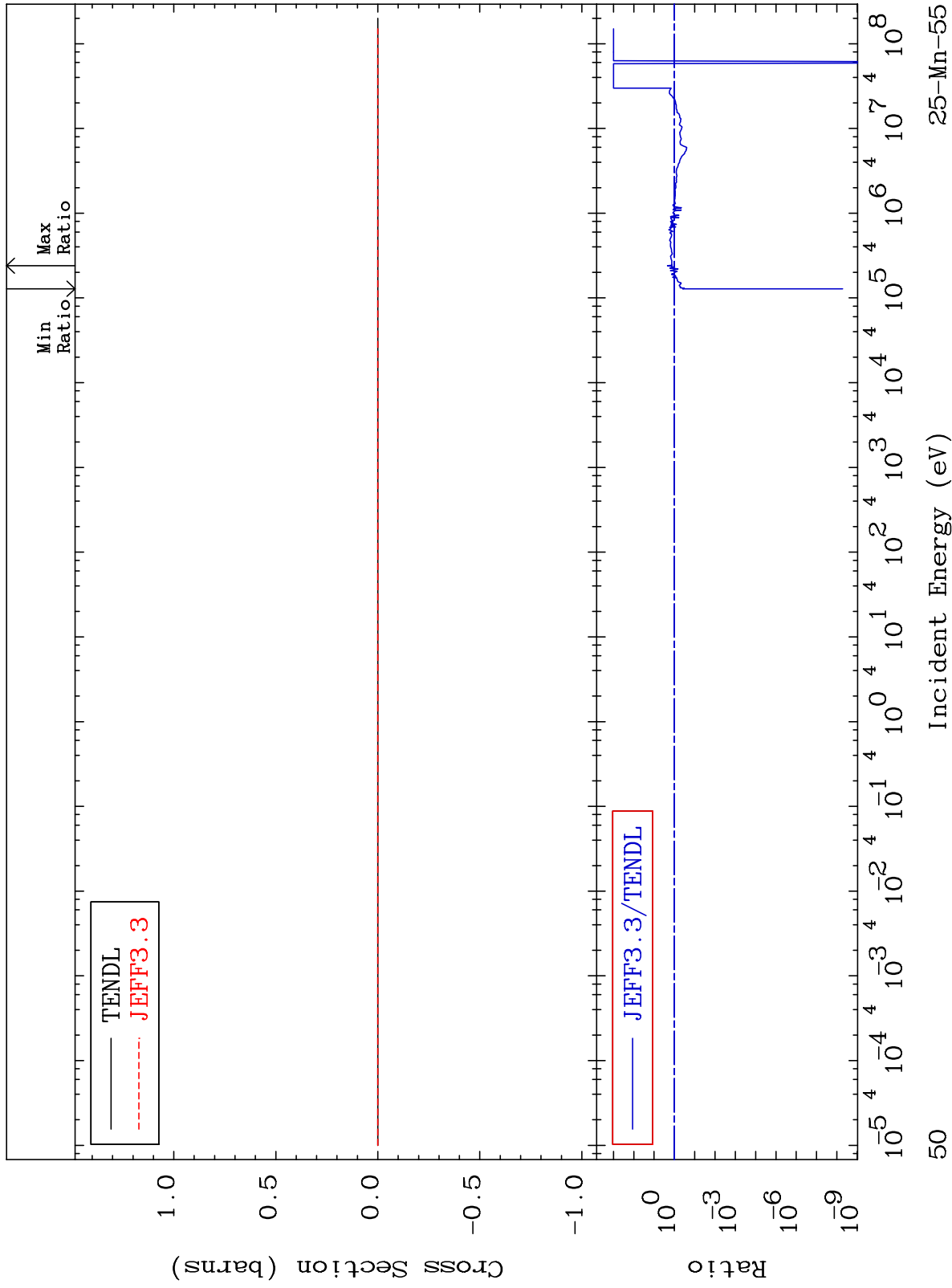
25-Mn-55
-100.0 To 117.6 %



MAT 2525

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

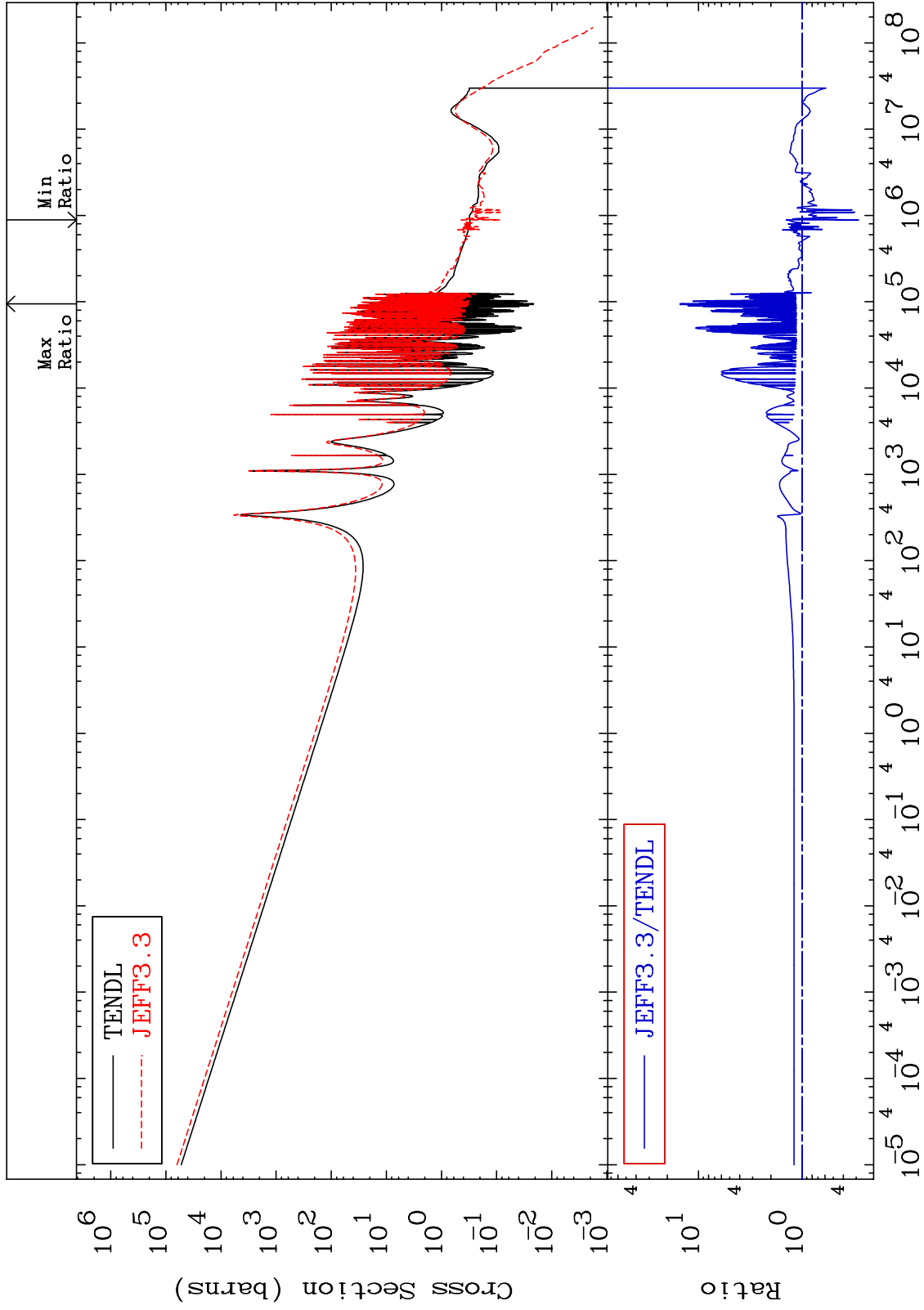
25-Mn-55
-100.0 To 117.6 %



MAT 2525

Kerma capture (mt102)
Cross Section

25-Mn-55
-71.47 To 1408. %



51

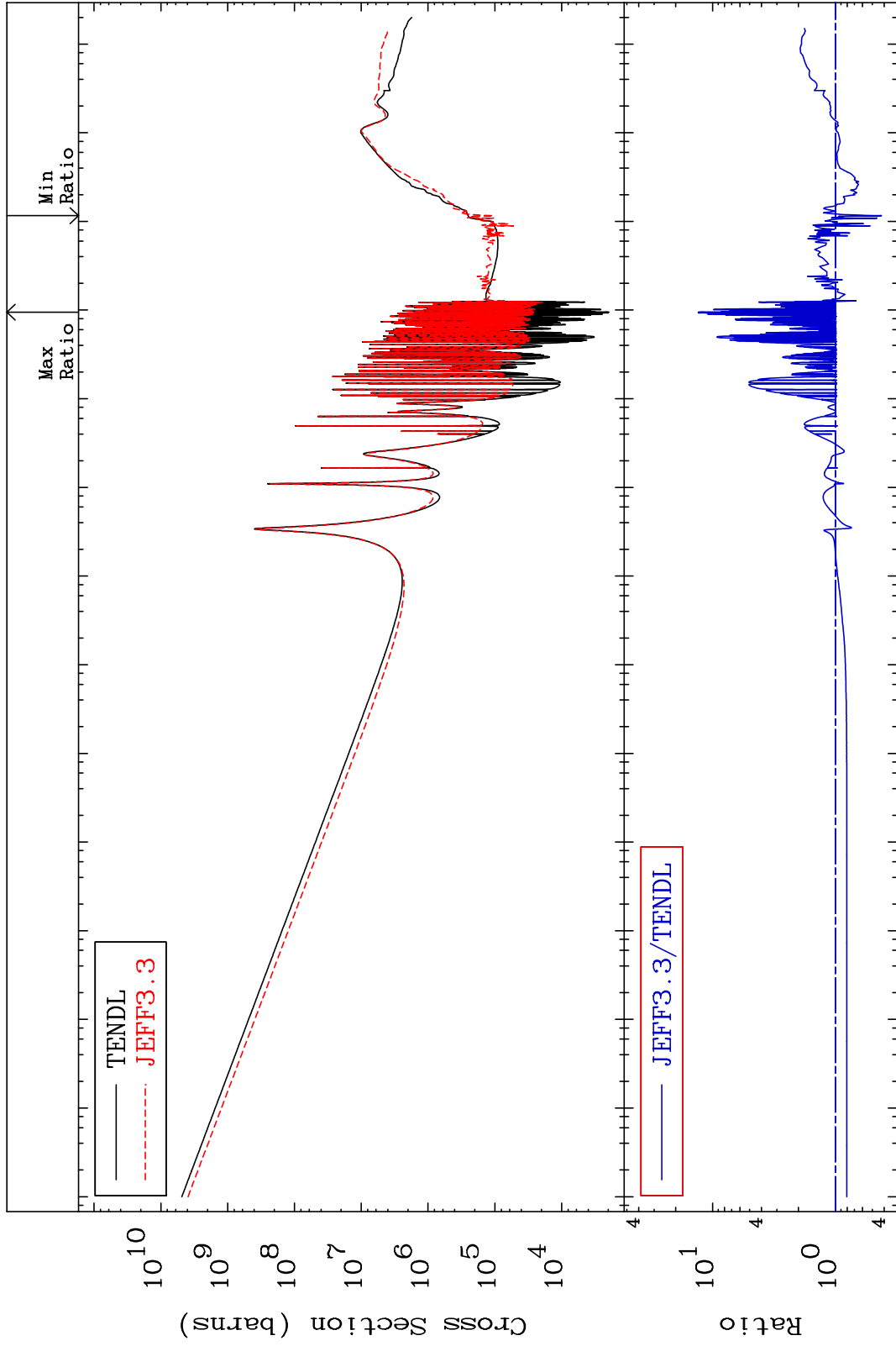
Incident Energy (eV)

25-Mn-55

MAT 2525

Total photon (eV-barns)
Cross Section

25-Mn-55
-57.99 To 1208. %



52

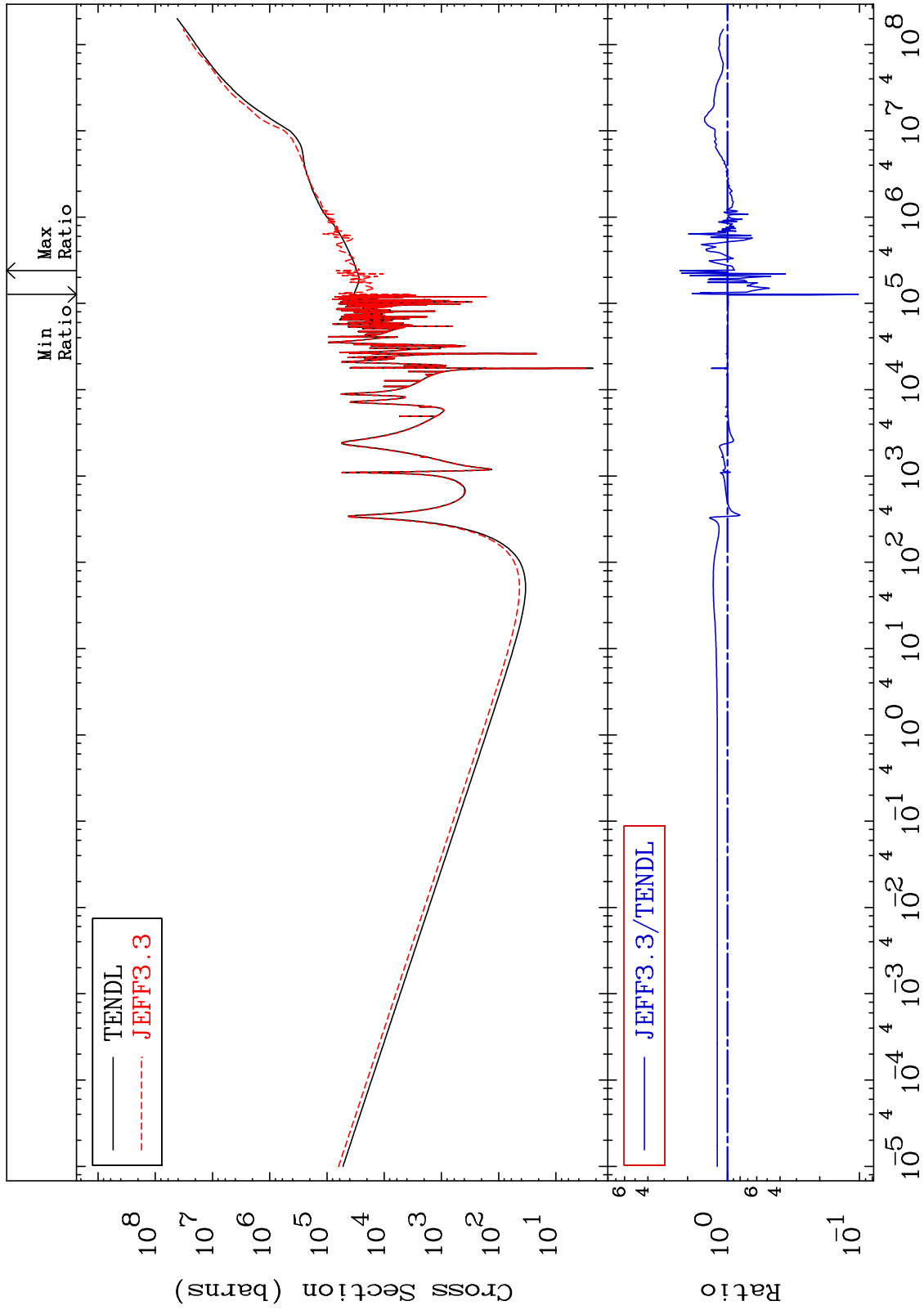
Incident Energy (eV)

25-Mn-55

MAT 2525

Total kinematic kerma (high limit)
Cross Section

25-Mn-55
-89.80 To 128.3 %



53

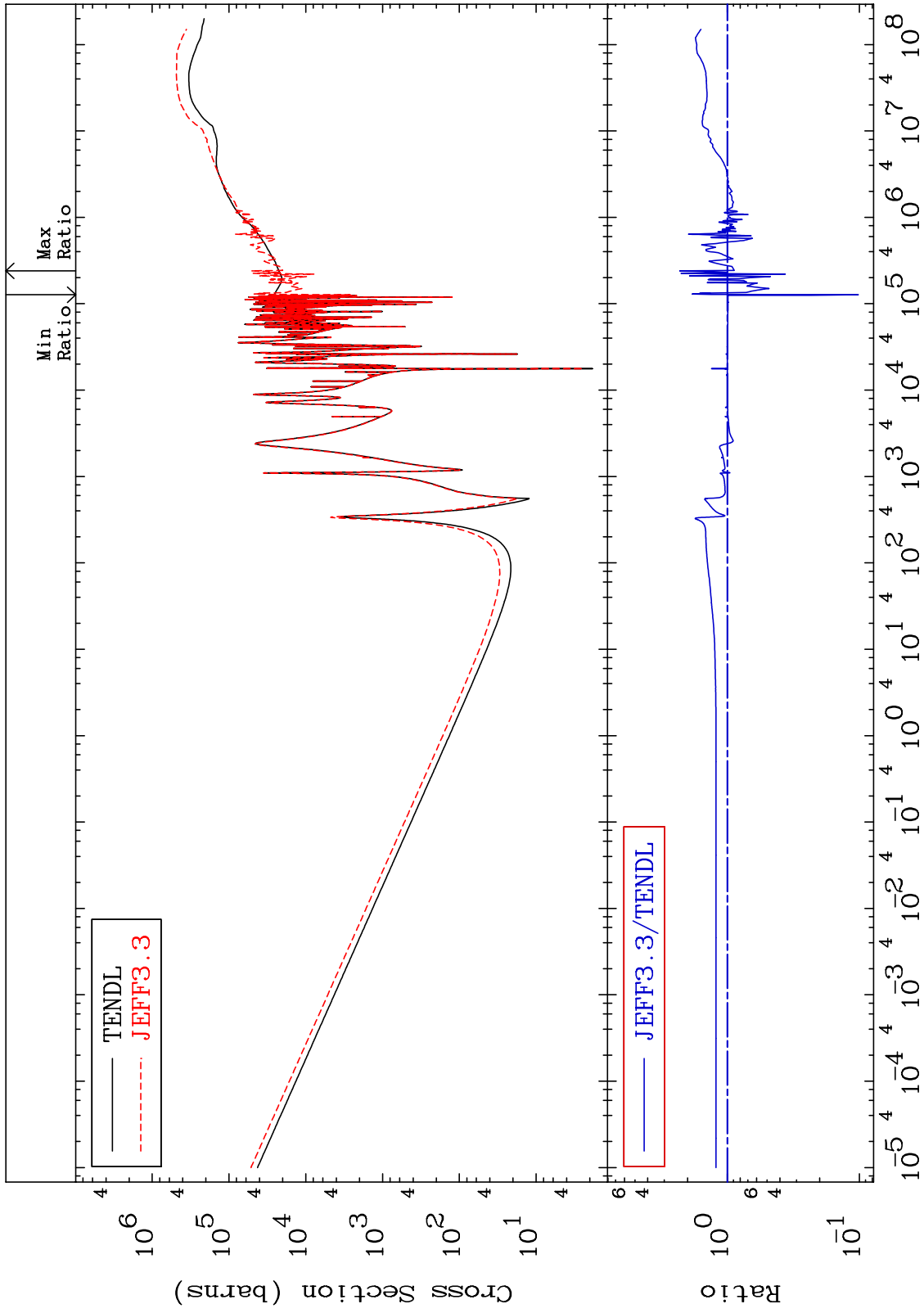
Incident Energy (eV)

25-Mn-55

MAT 2525

Dpa total (eV-barns)
Cross Section

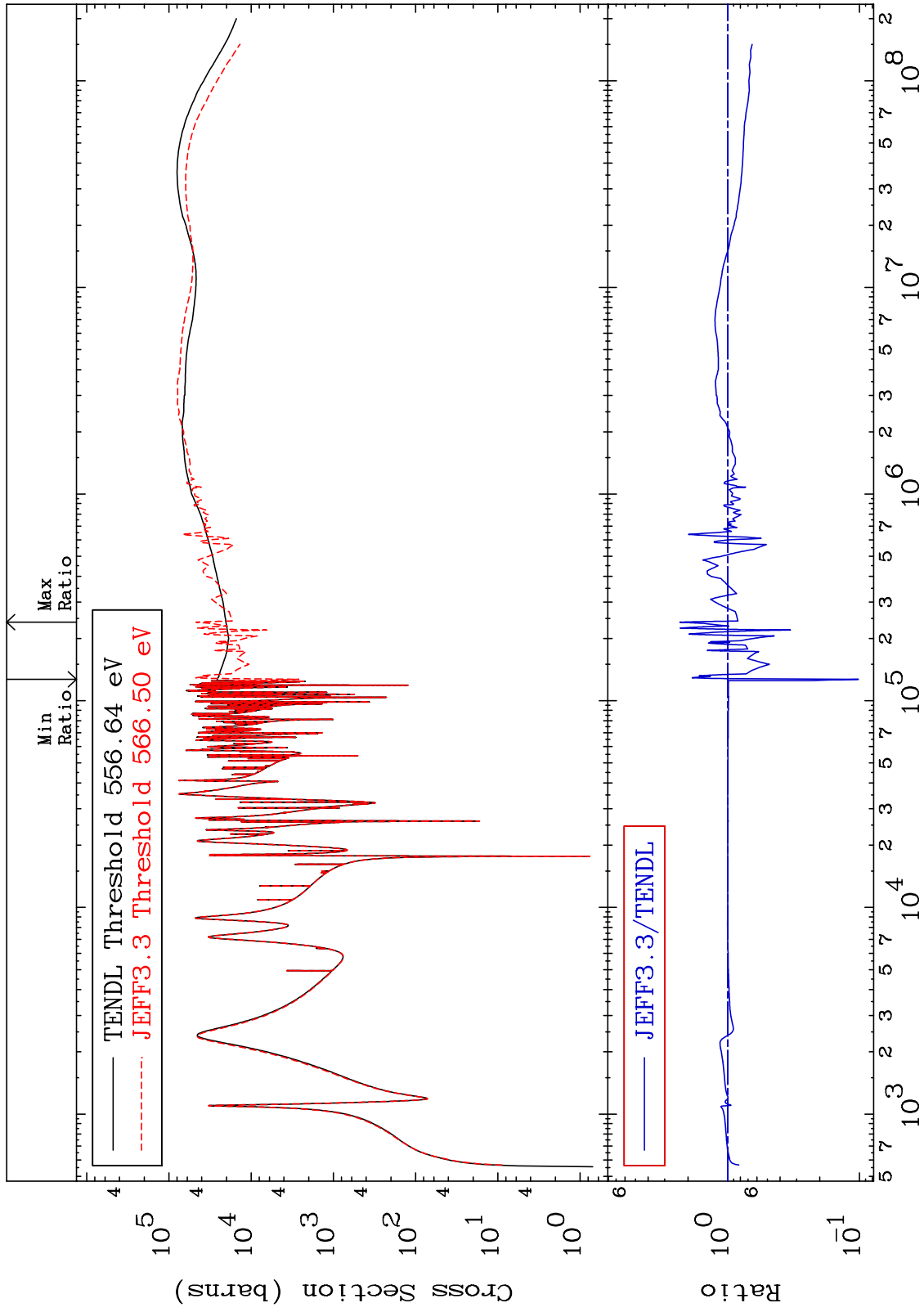
25-Mn-55
-89.80 To 128.7 %



MAT 2525

Dpa elastic (mt2)
Cross Section

25-Mn-55
-89.80 To 129.5 %



55

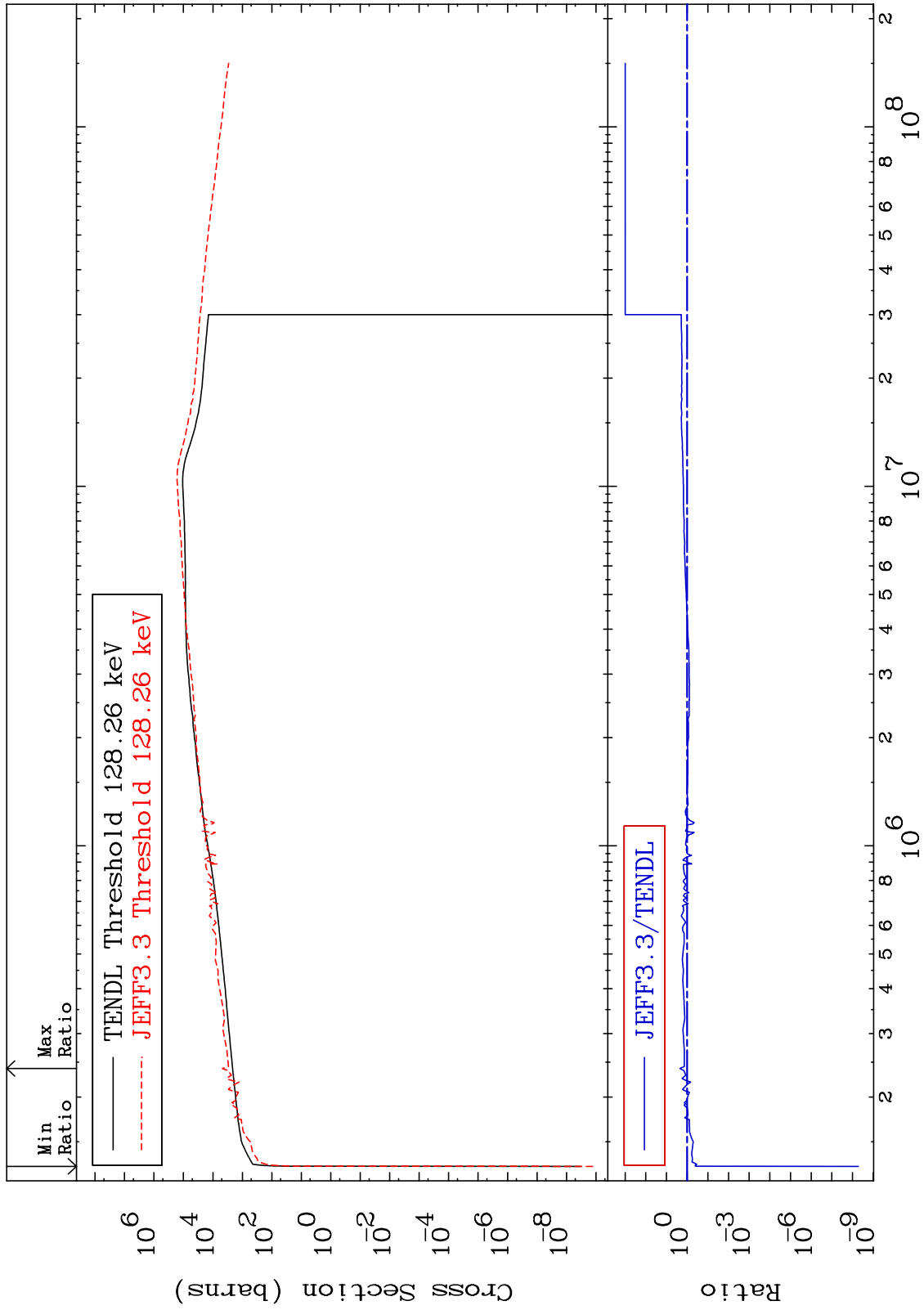
Incident Energy (eV)

25-Mn-55

MAT 2525

Dpa inelastic (mt51-91)
Cross Section

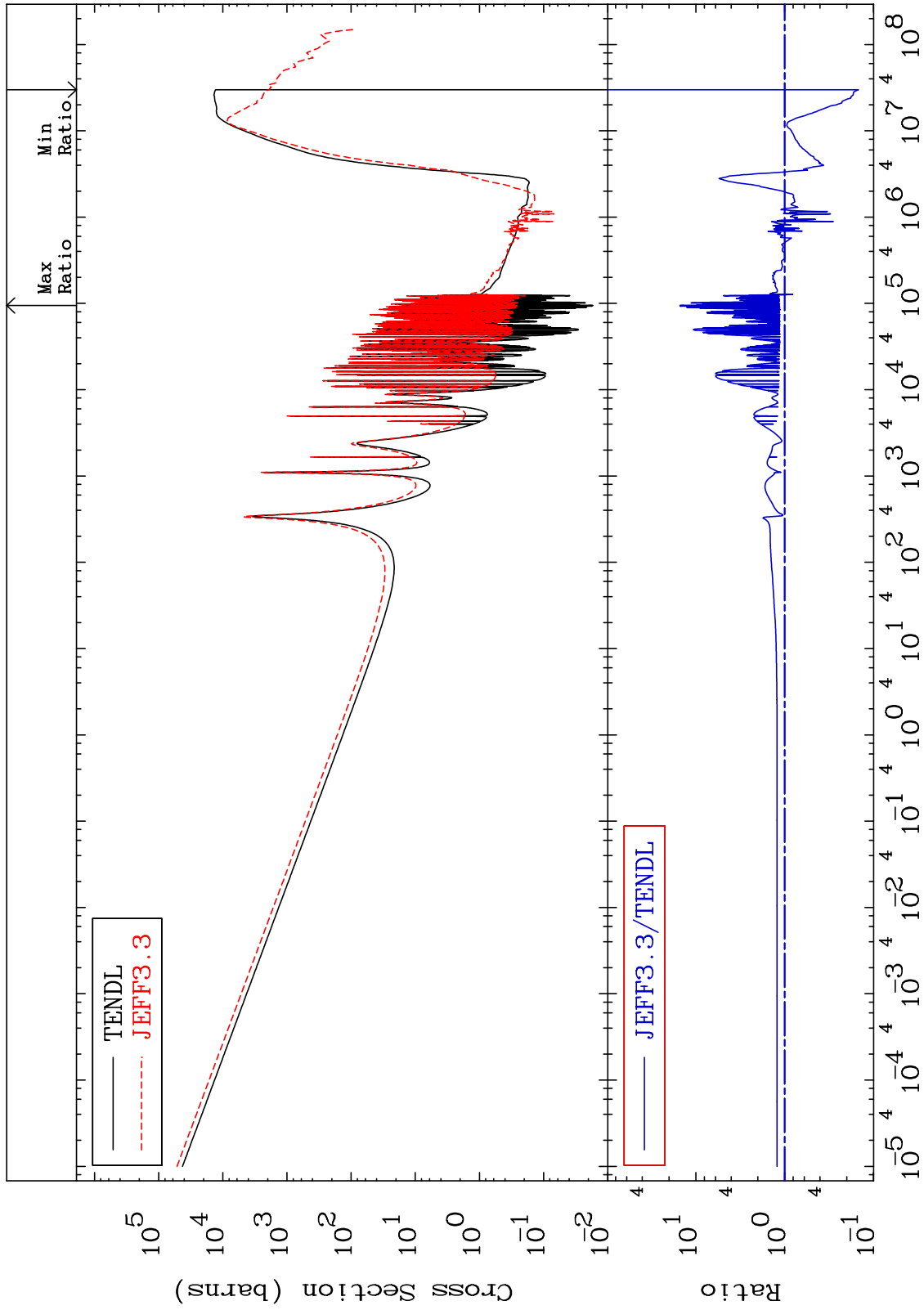
25-Mn-55
-100.0 To 120.9 %



MAT 2525

Dpa disappearance (mt102 -120)
Cross Section

25-Mn-55
-85.22 To 1405. %



57

Incident Energy (eV)

25-Mn-55