

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

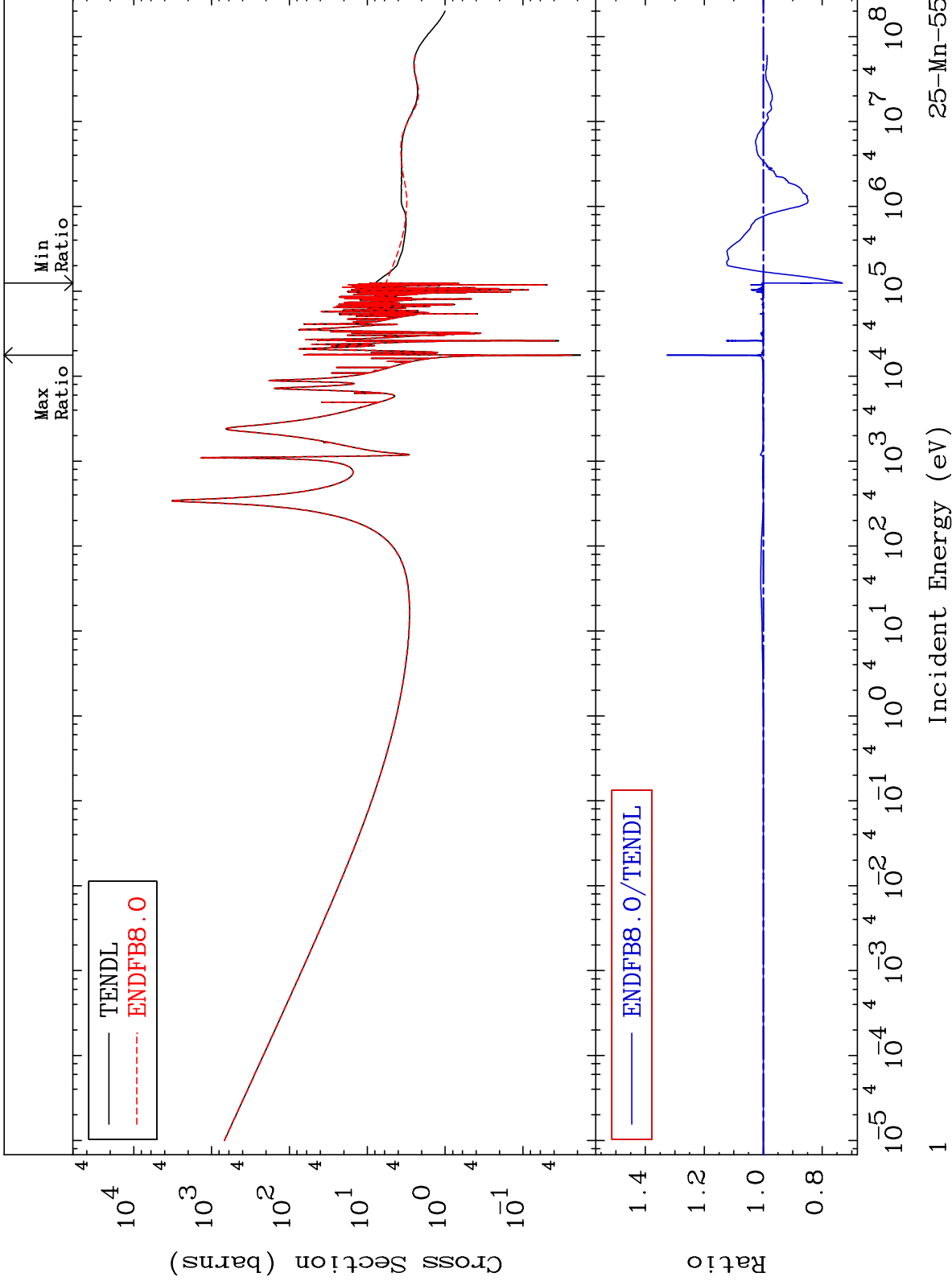
MAT 2525

Total

25-Mn-55

Cross Section

-26.83 To 32.71 %



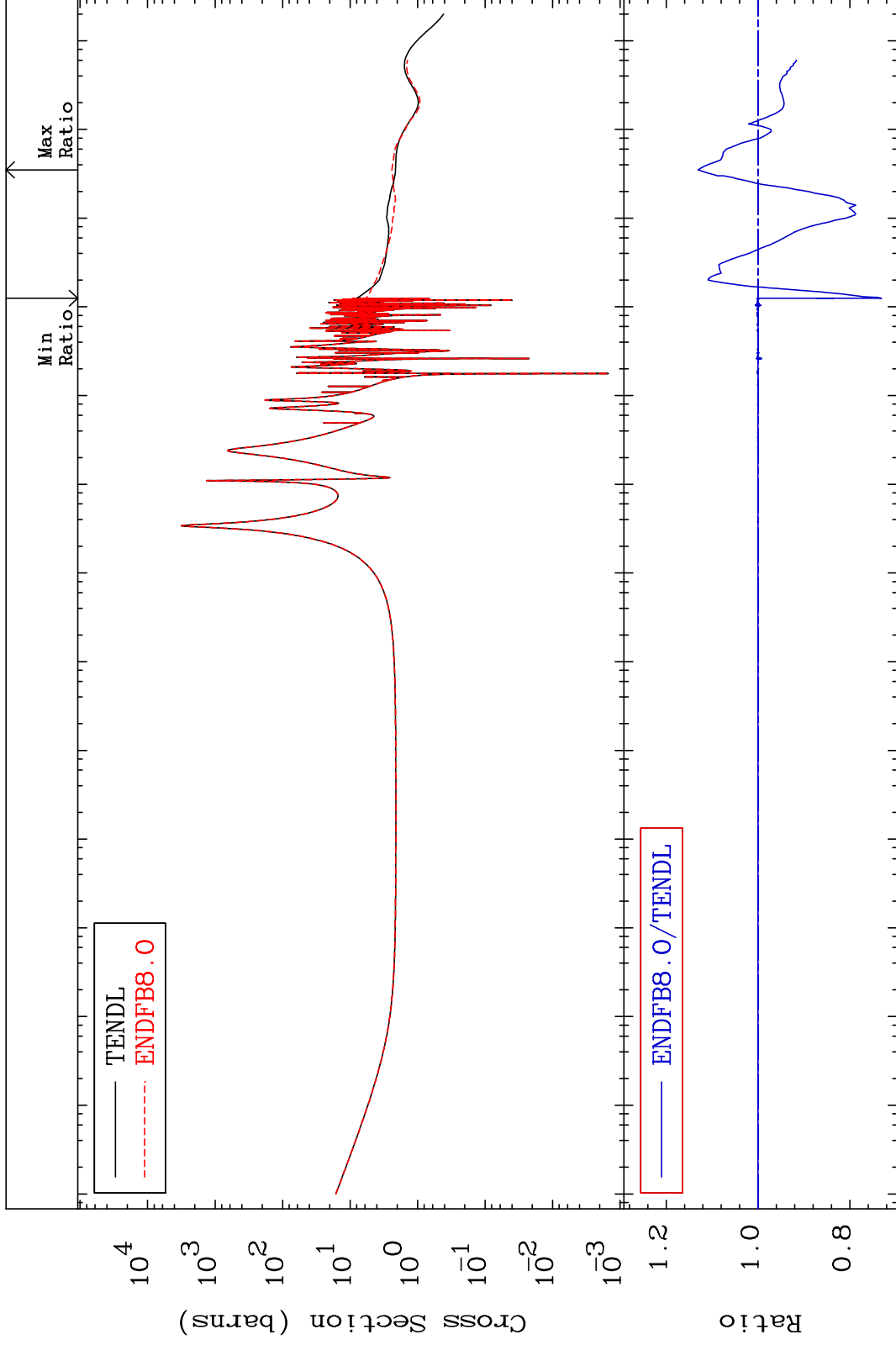
MAT 2525

Elastic

Cross Section

25-Mn-55

-26.90 To 13.03 %



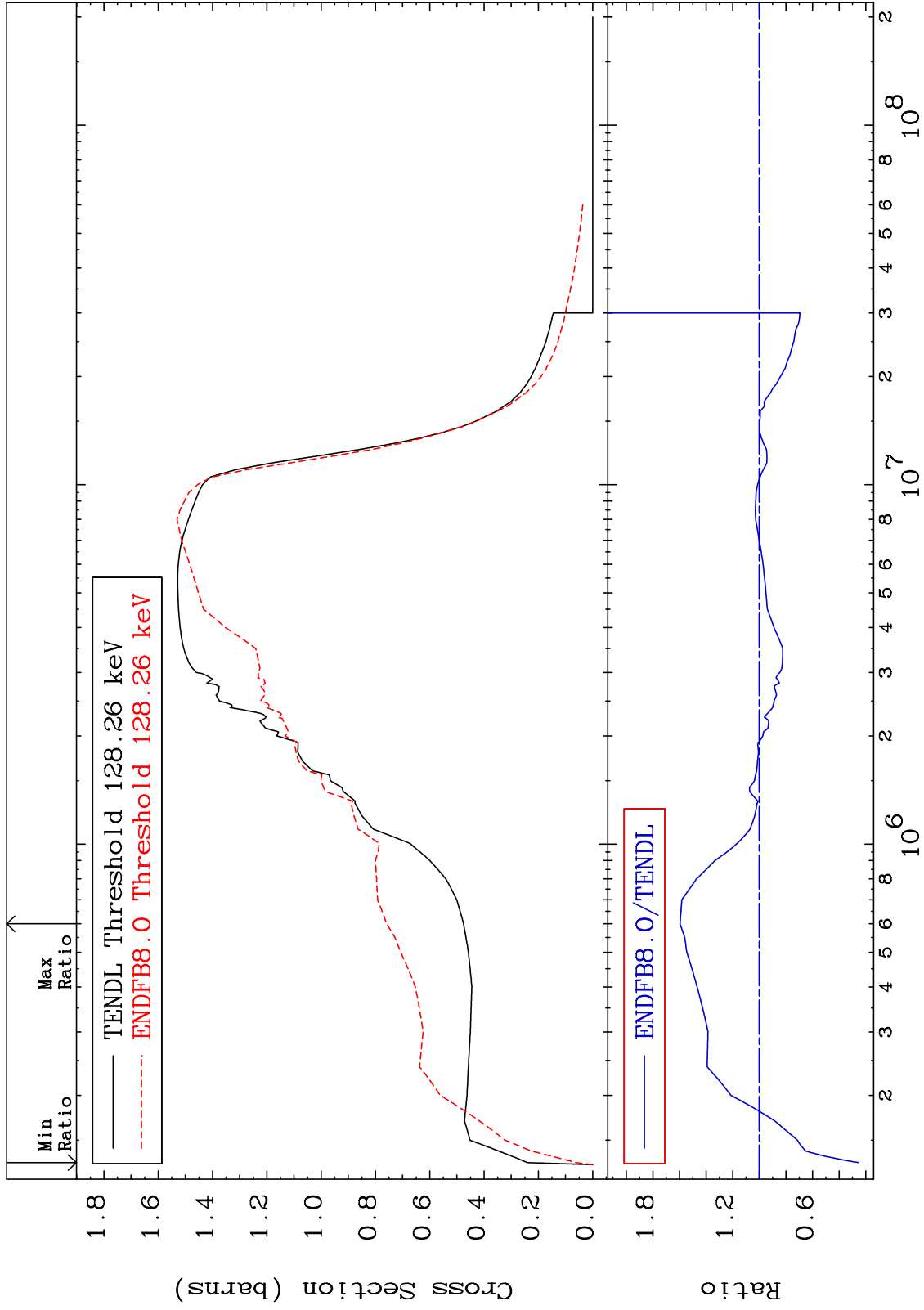
Incident Energy (eV)

25-Mn-55

MAT 2525

Inelastic
Cross Section

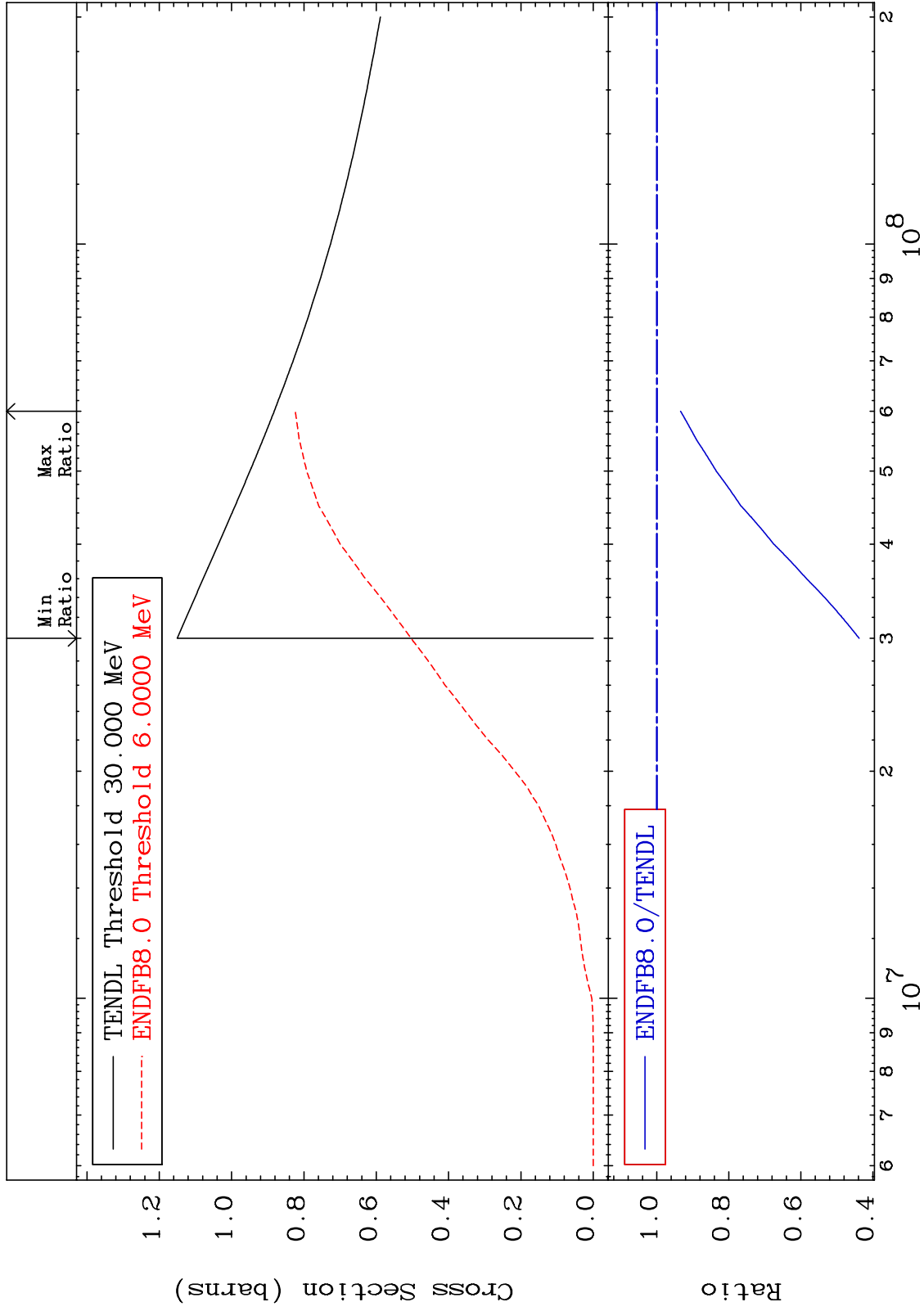
²⁵Mn-55
-74.42 To 59.57 %



MAT 2525

(n, remainder)
Cross Section

25-Mn-55
-56.21 To -6.600%



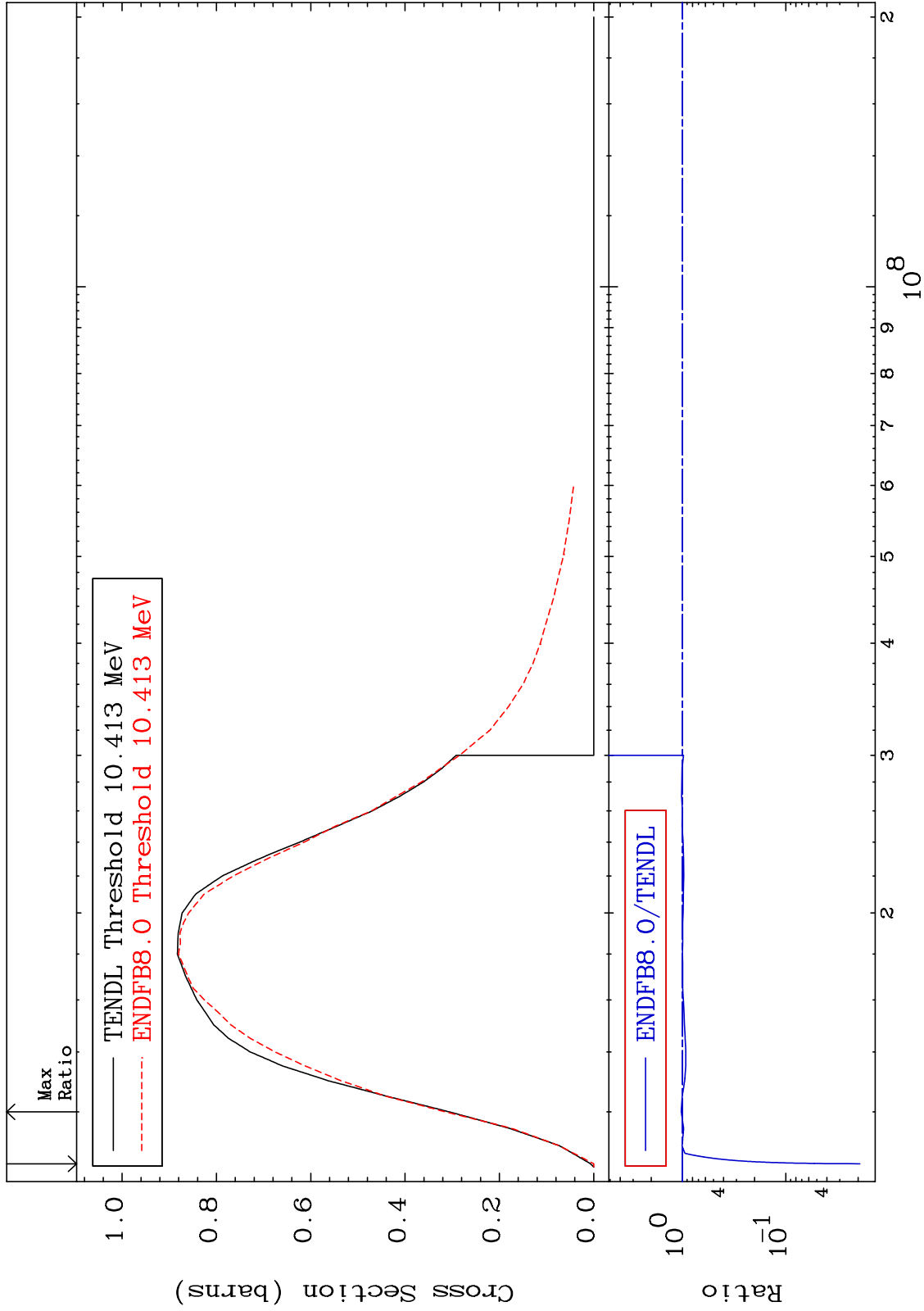
MAT 2525

(n,2n)

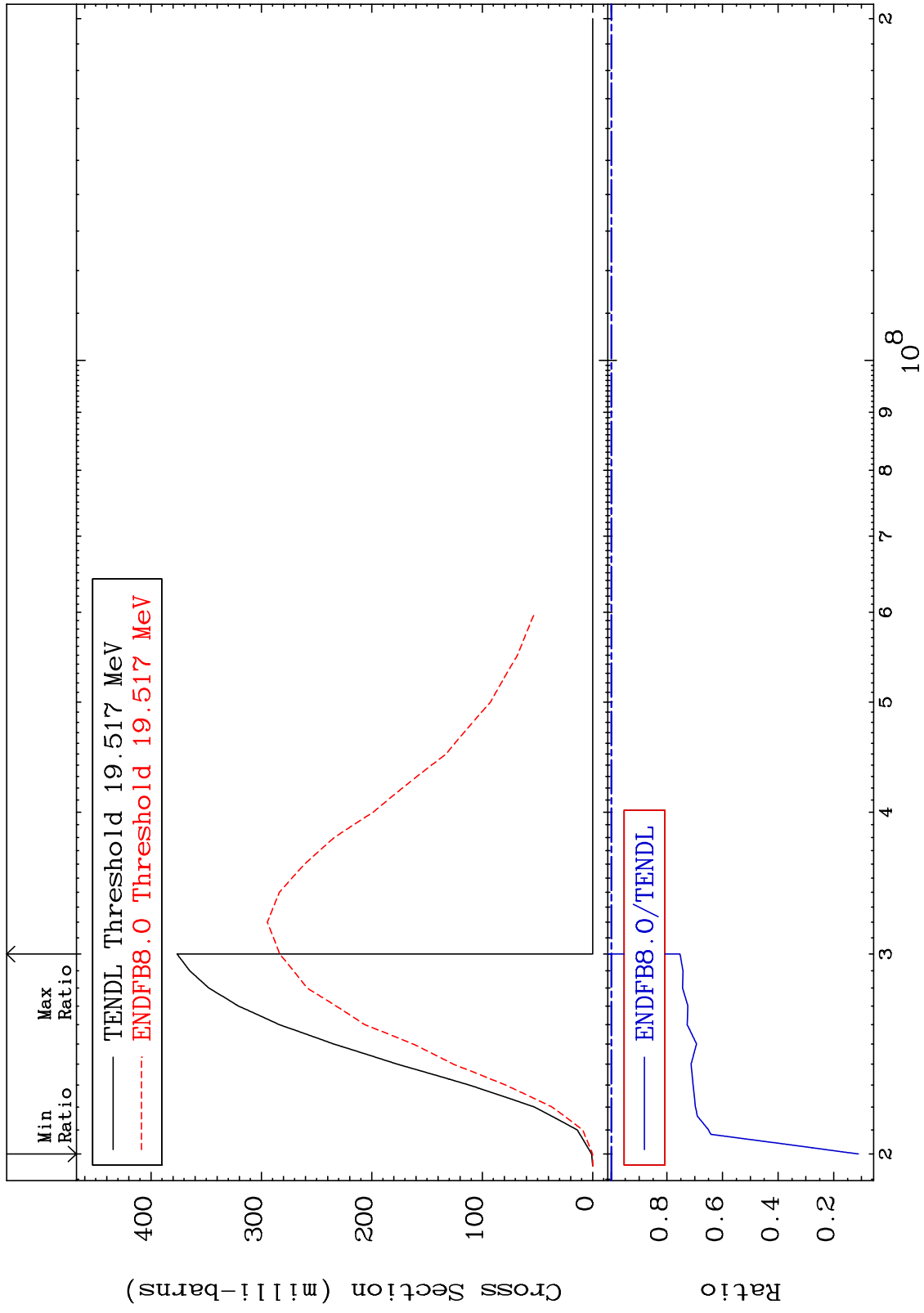
²⁵Mn-55

Cross Section

-98.08 To 2.693 %



MAT 2525 $(n, 3n)$ $^{25}\text{Mn-55}$
 Cross Section -88.90 To -24.71%

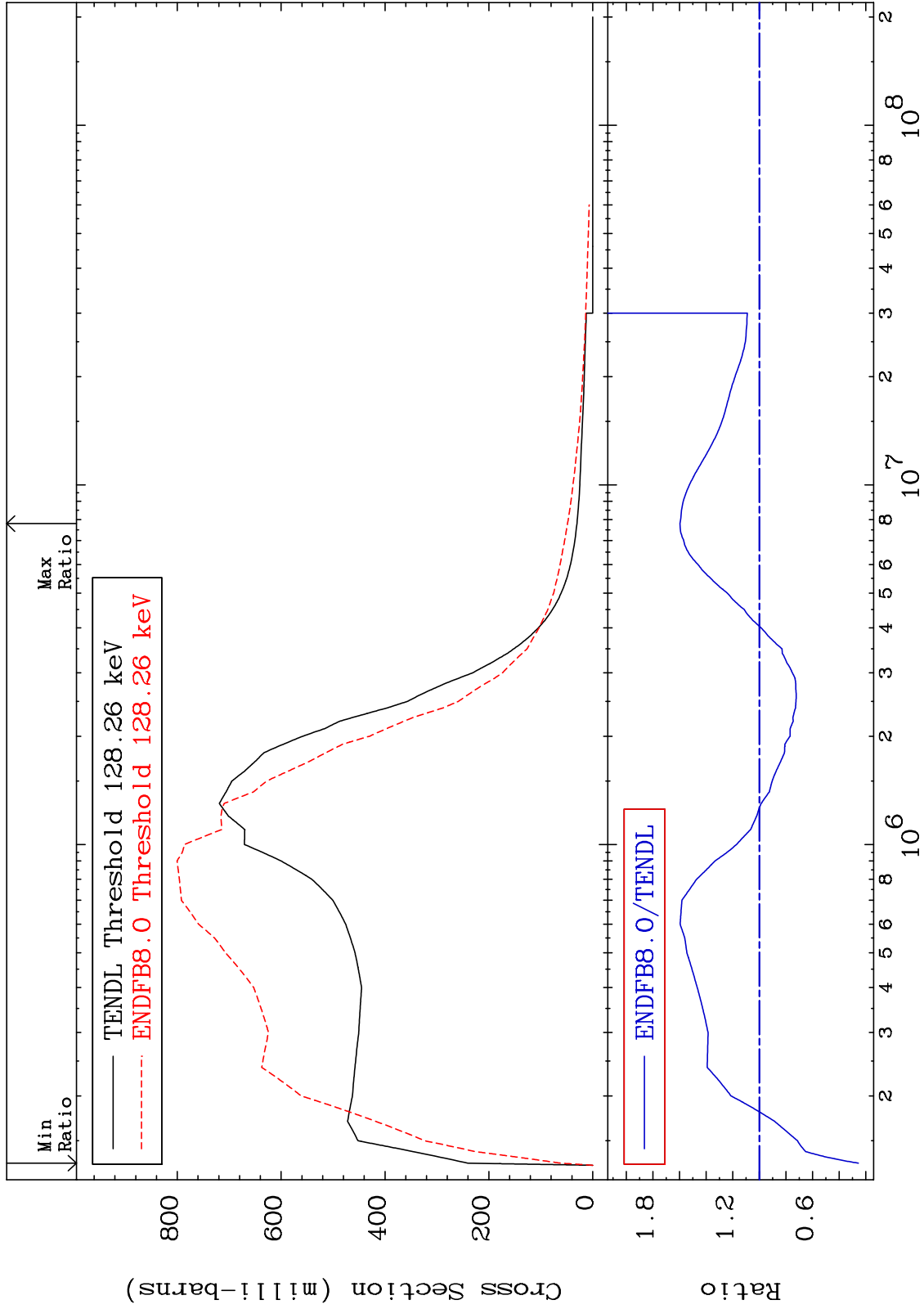


6 $^{25}\text{Mn-55}$

MAT 2525

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

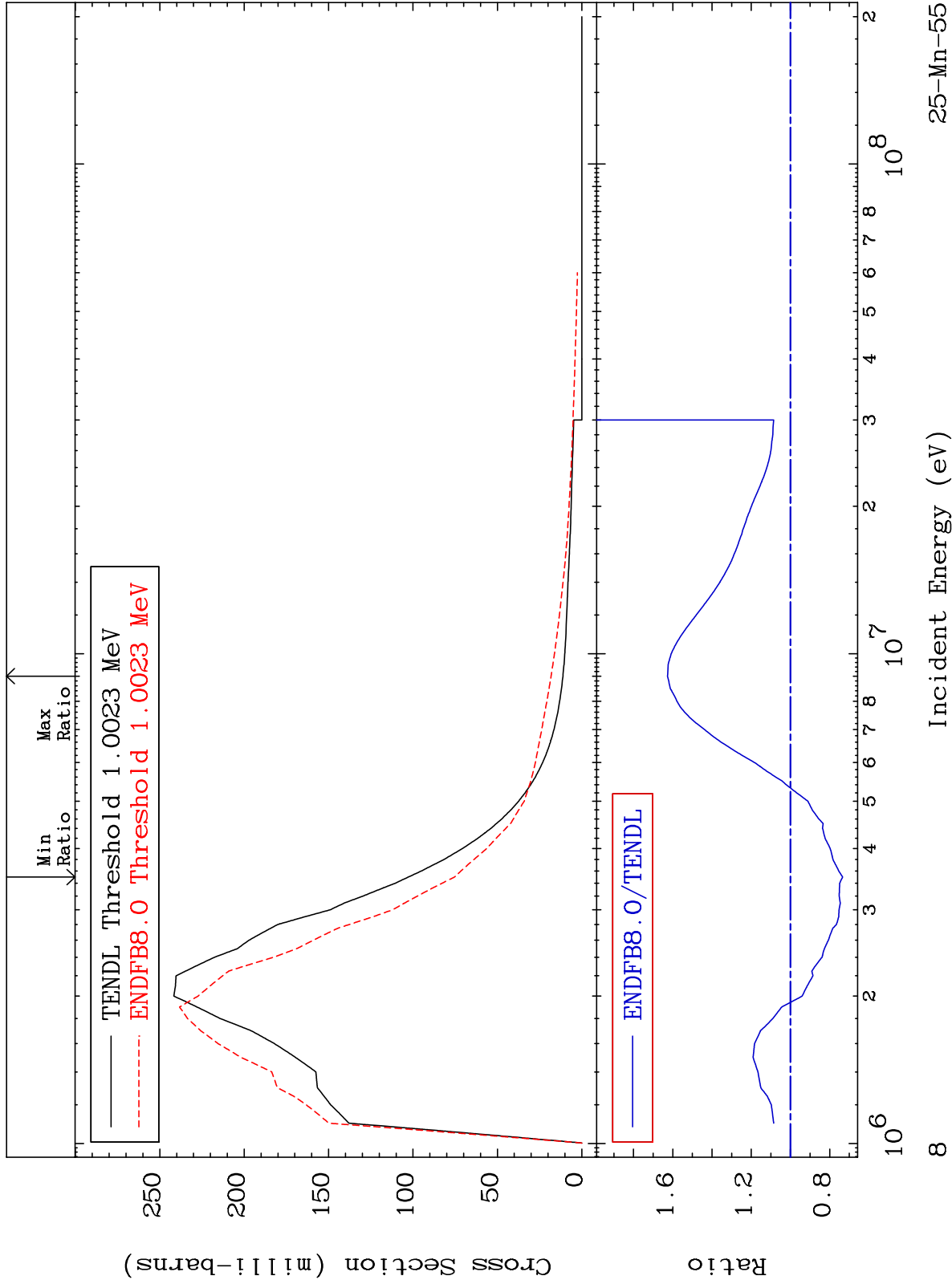
25-Mn-55
-74.42 To 59.63 %



MAT 2525

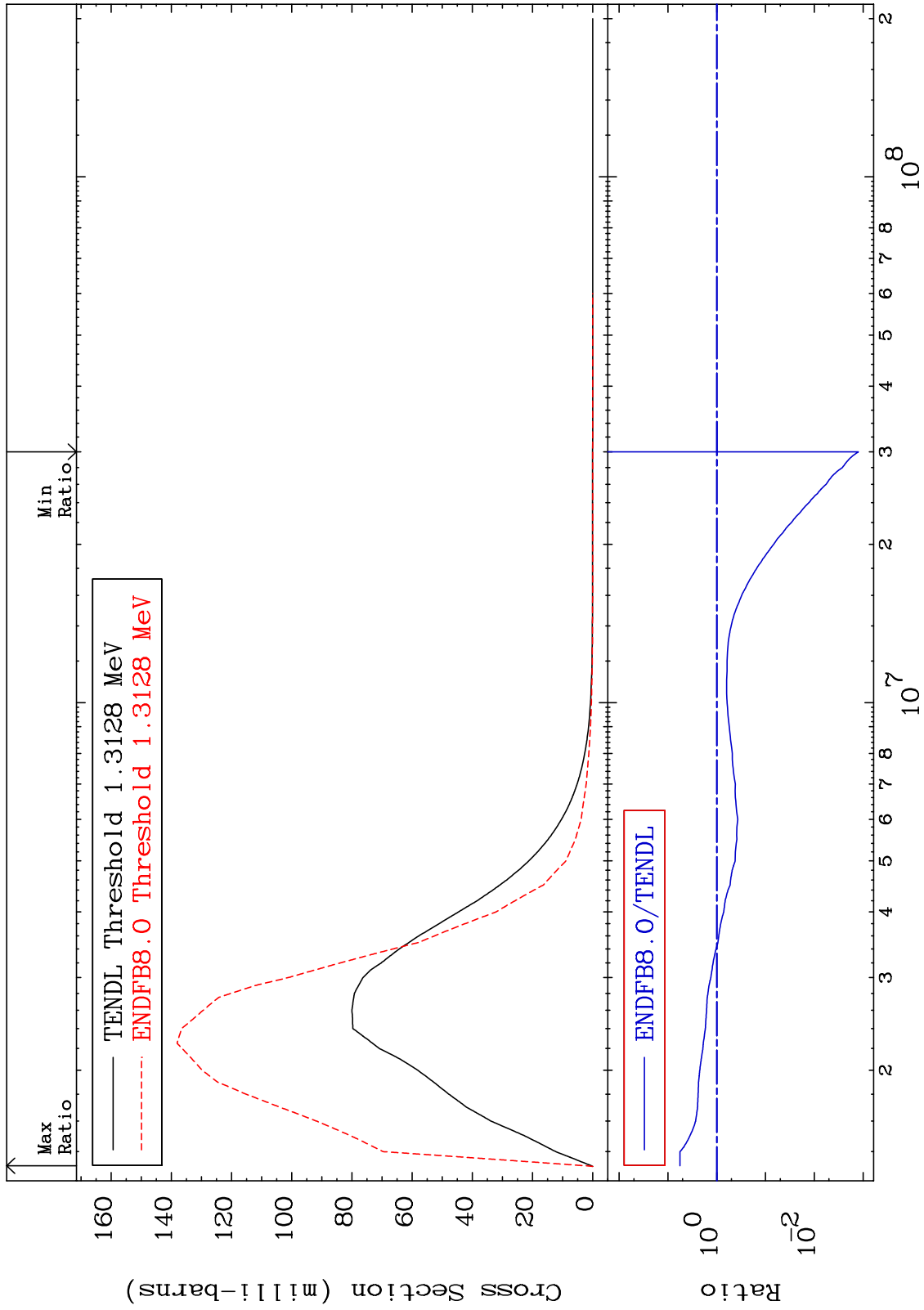
MT= 52 (n,n') Level
Cross Section

²⁵Mn-55
-26.62 To 62.66 %



²⁵Mn-55

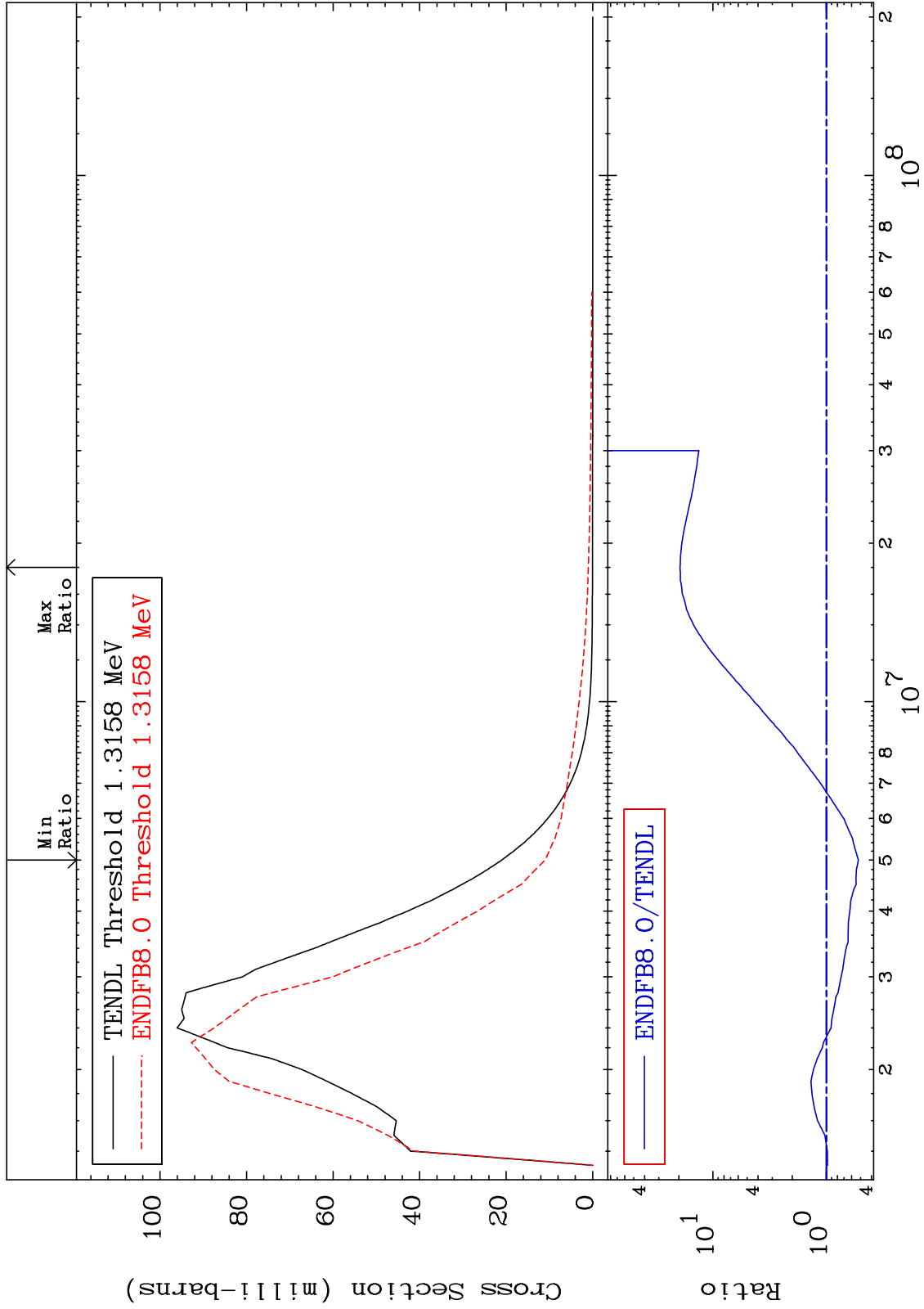
MAT 2525 MT= 53 (n,n') Level 25-Mn-55
 Cross Section -99.88 To 466.0 %



MAT 2525

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

25-Mn-55
-47.77 To 1852. %

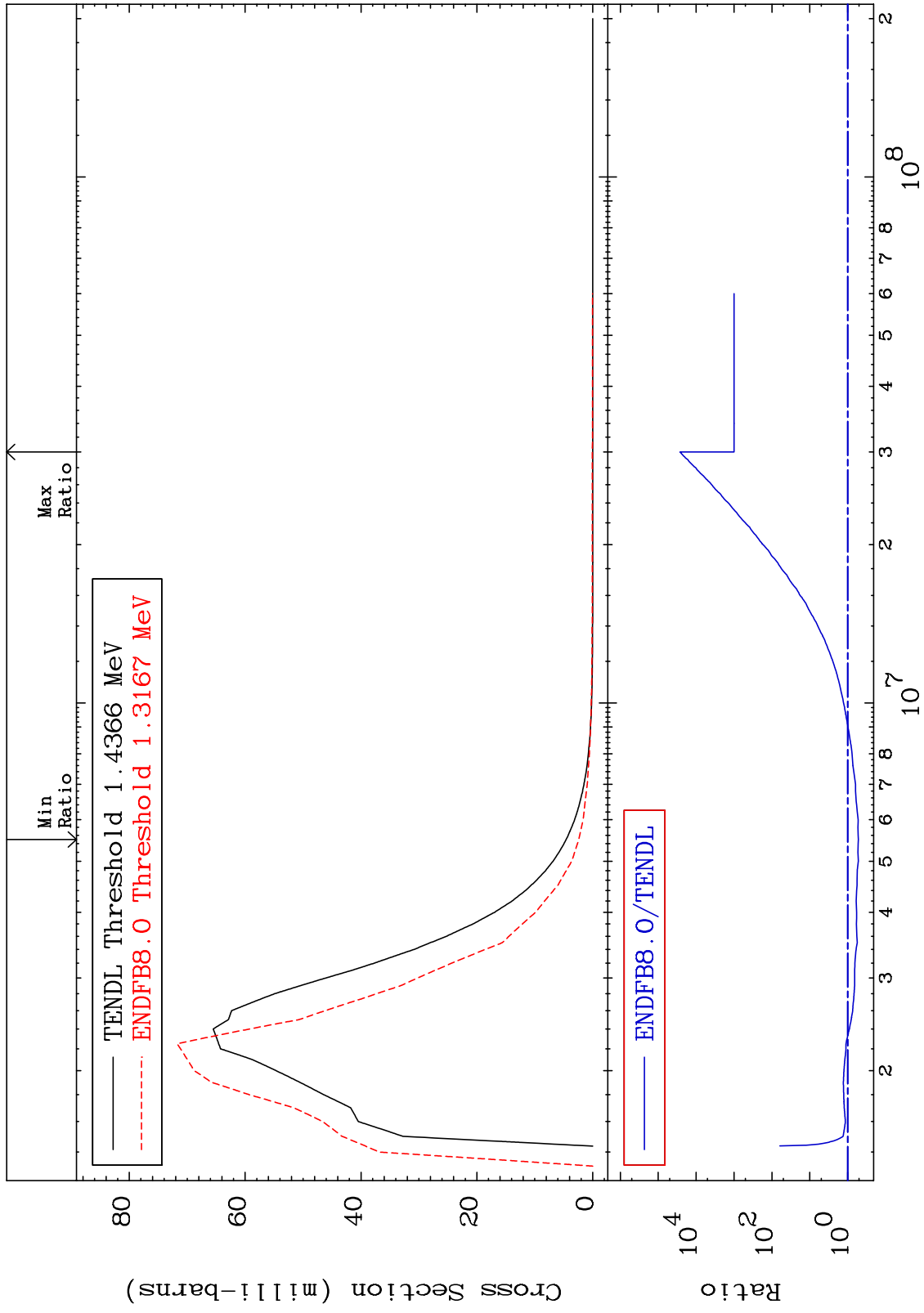


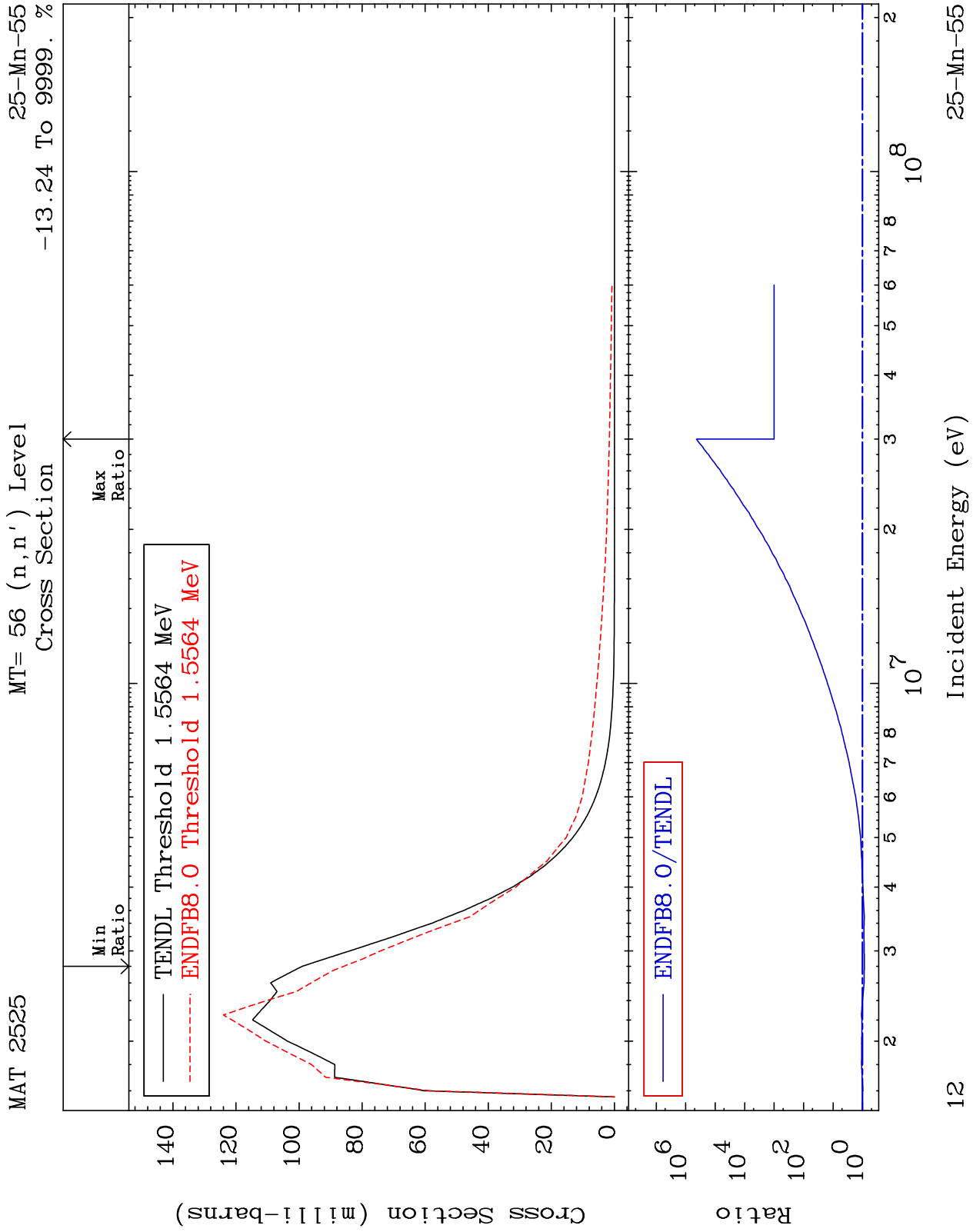
10

Incident Energy (eV)

25-Mn-55

MAT 2525 MT= 55 (n,n') Level Cross Section 25-Mn-55 -47.79 To 9999. %

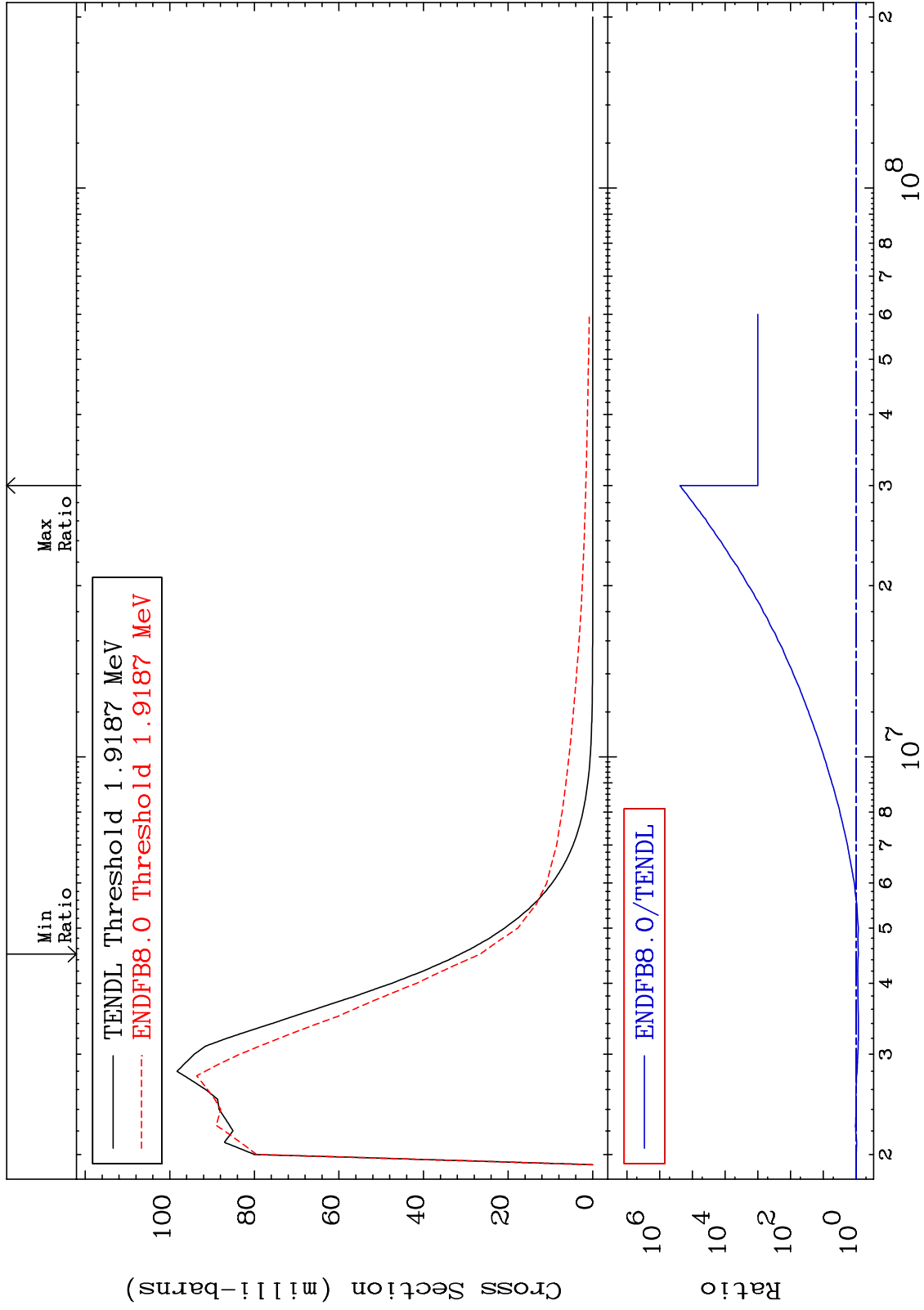




MAT 2525

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

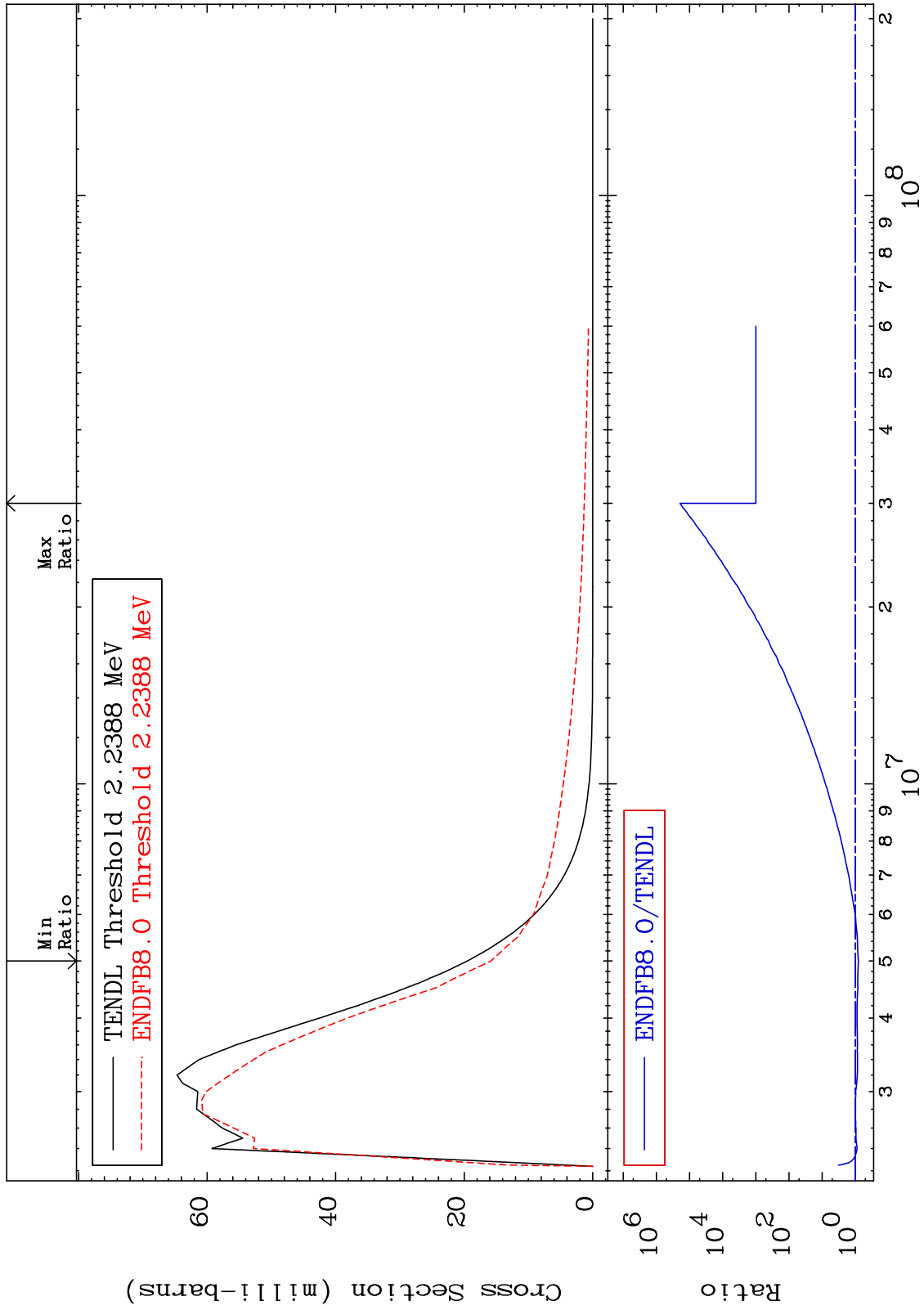
25-Mn-55
-15.14 To 9999. %



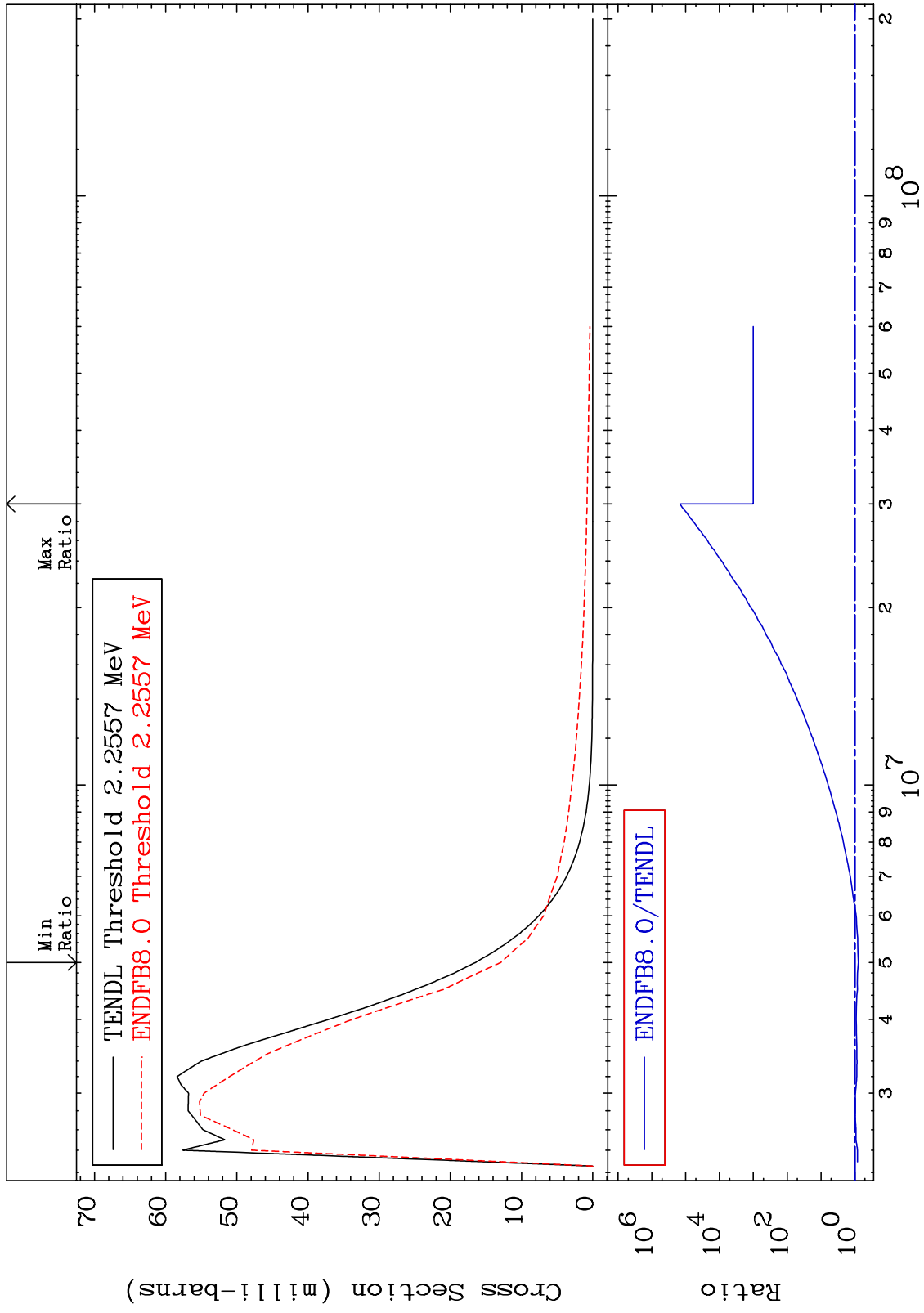
MAT 2525

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

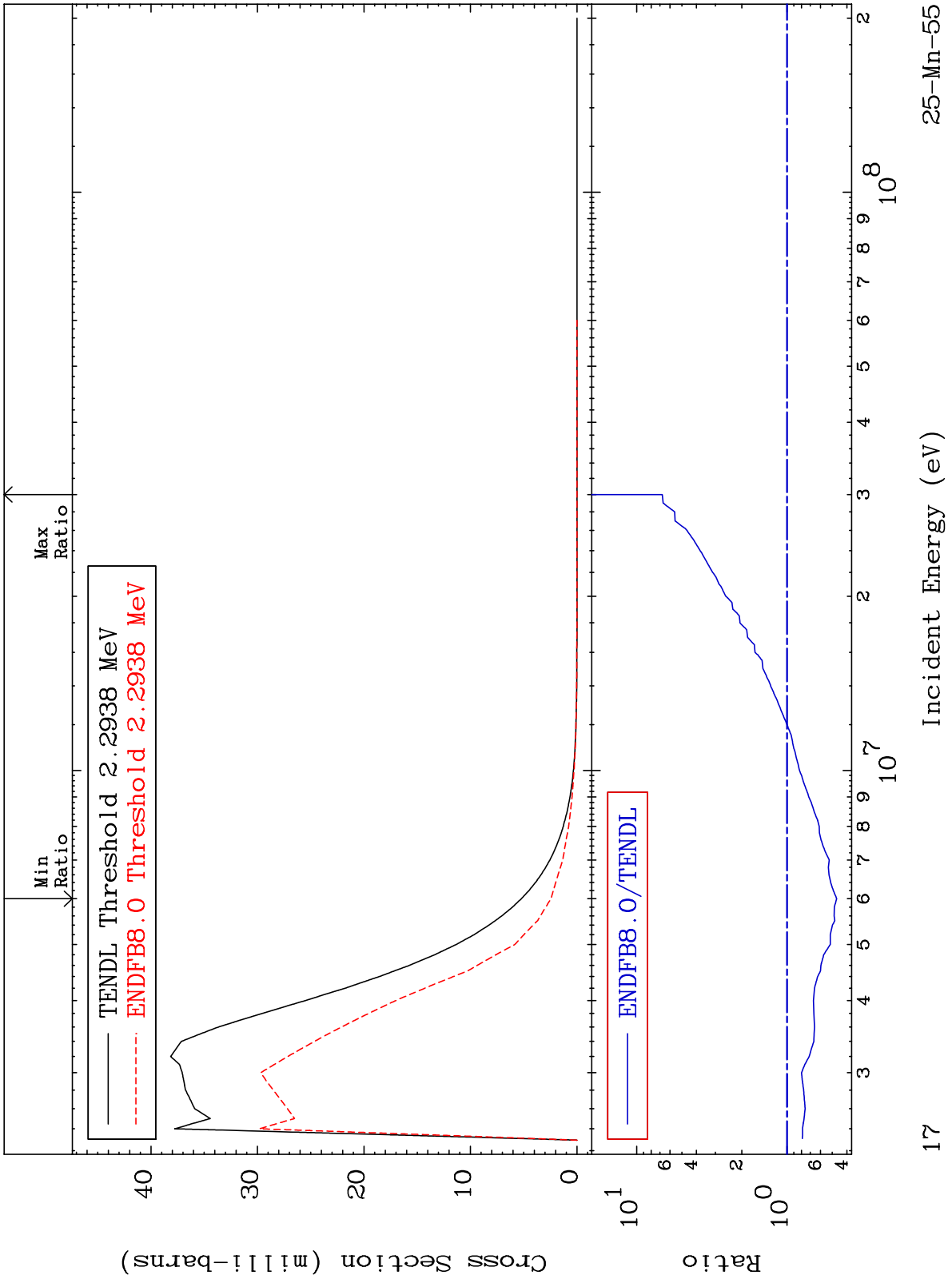
25-Mn-55
-18.82 To 9999. %



MAT 2525 MT= 60 (n,n') Level 25-Mn-55
 Cross Section -21.69 To 9999. %



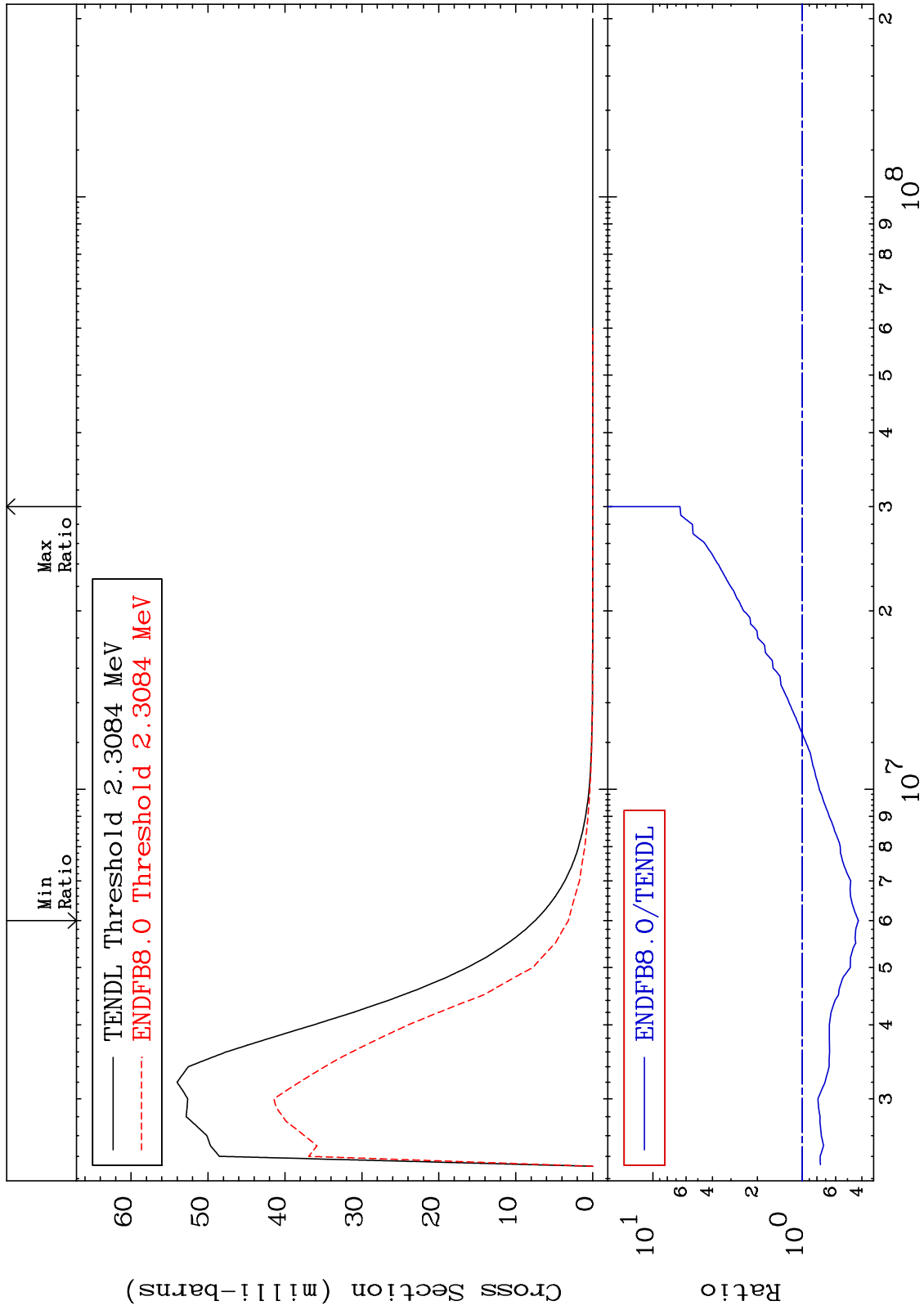
MAT 2525 MT= 61 (n,n') Level Cross Section 25-Mn-55 -53.29 To 574.5 %



MAT 2525

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

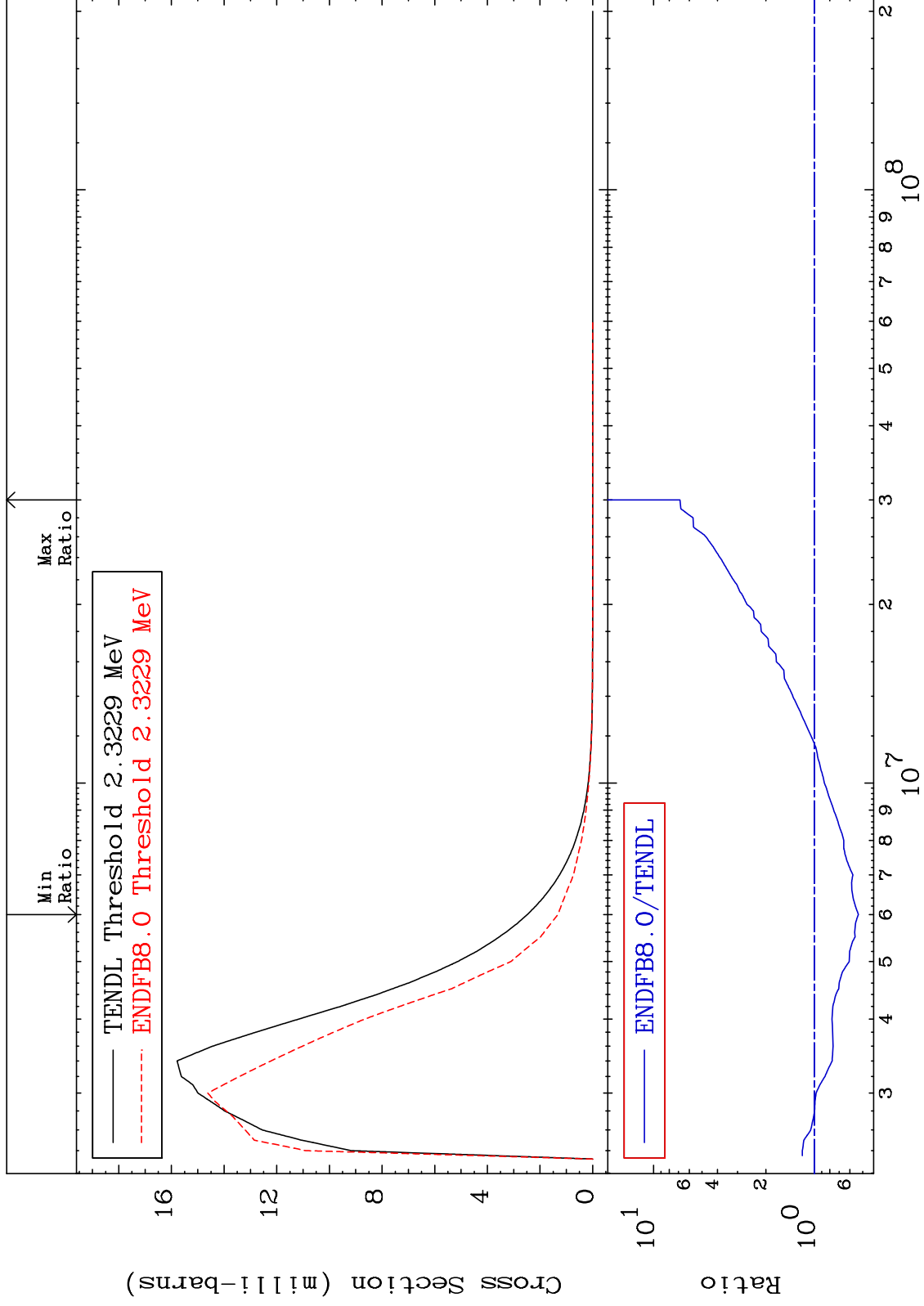
25-Mn-55
-57.79 To 558.3 %



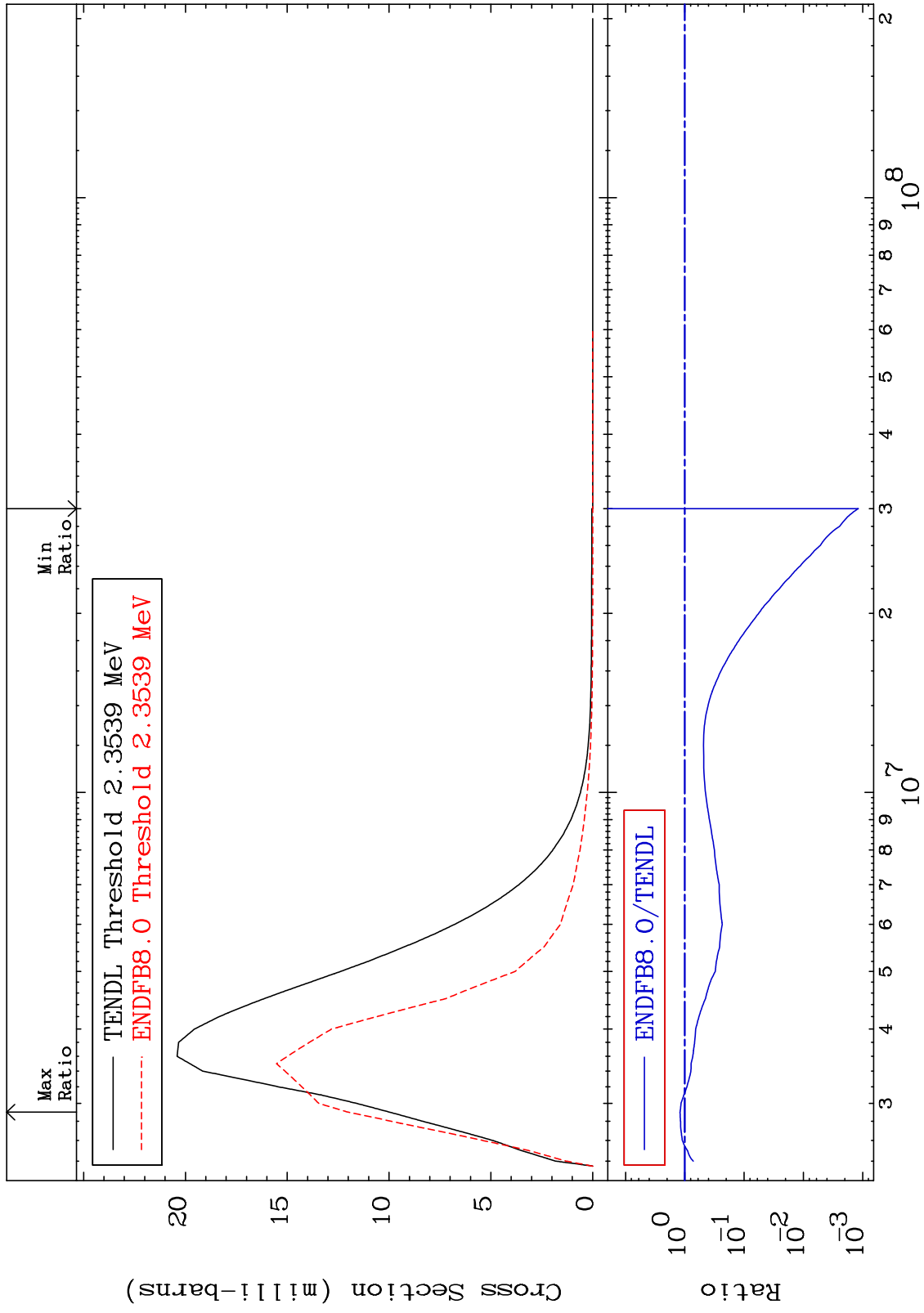
MAT 2525

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

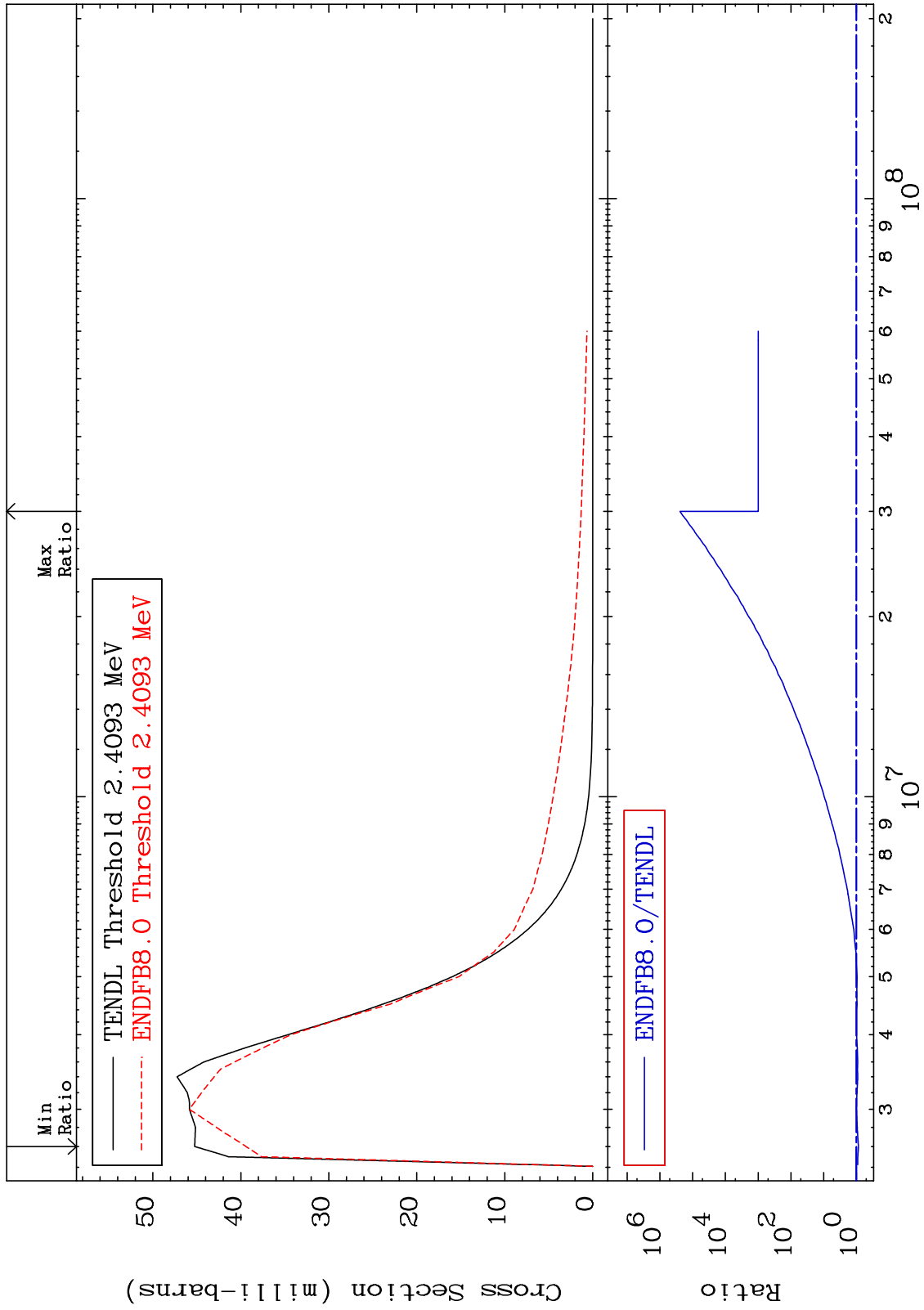
25-Mn-55
-46.87 To 584.7 %



MAT 2525 MT= 64 (n,n') Level Cross Section 25-Mn-55
 -99.88 To 20.57 %



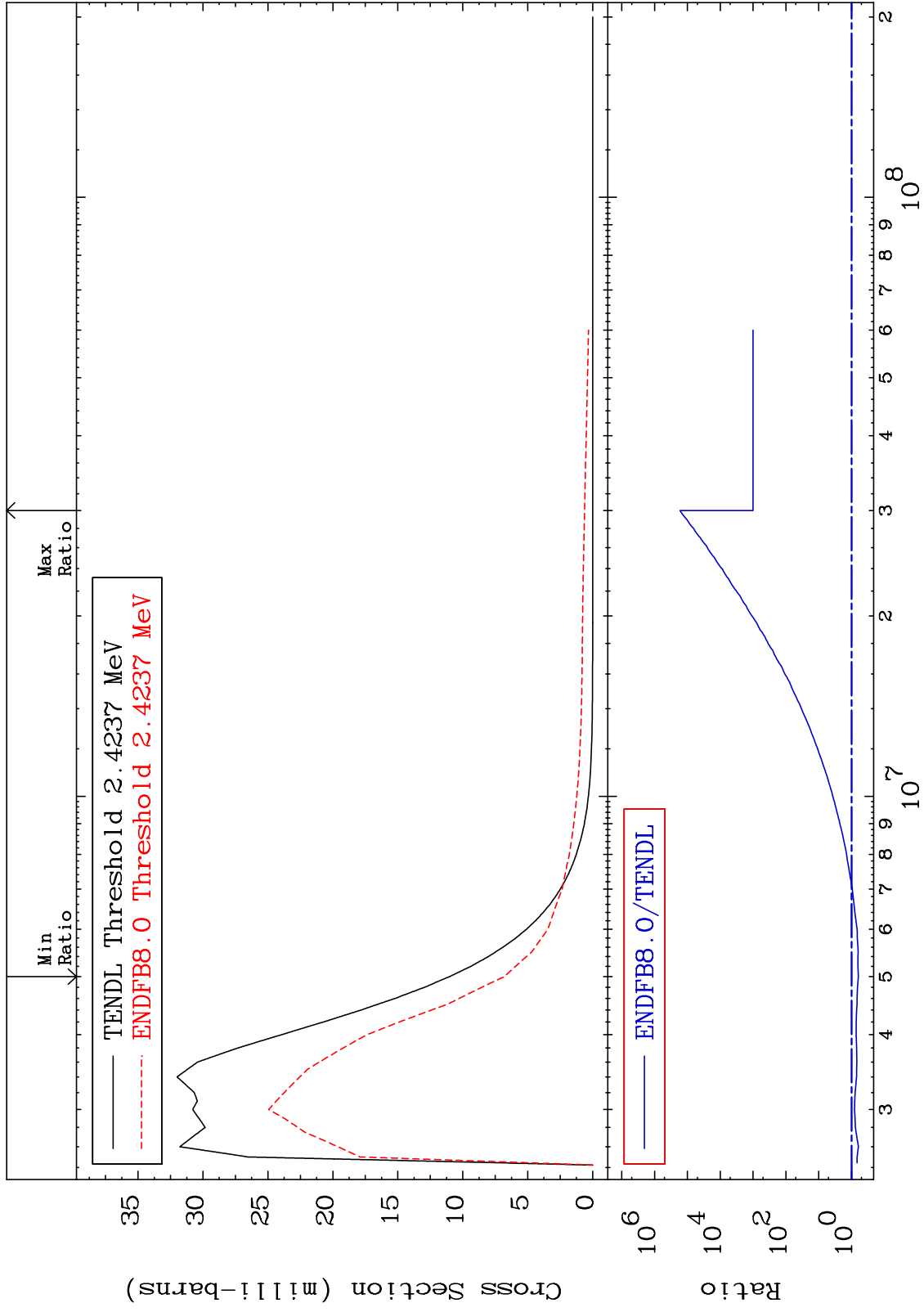
MAT 2525 MT= 65 (n,n') Level 25-Mn-55
 Cross Section -12.92 To 9999. %



MAT 2525

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

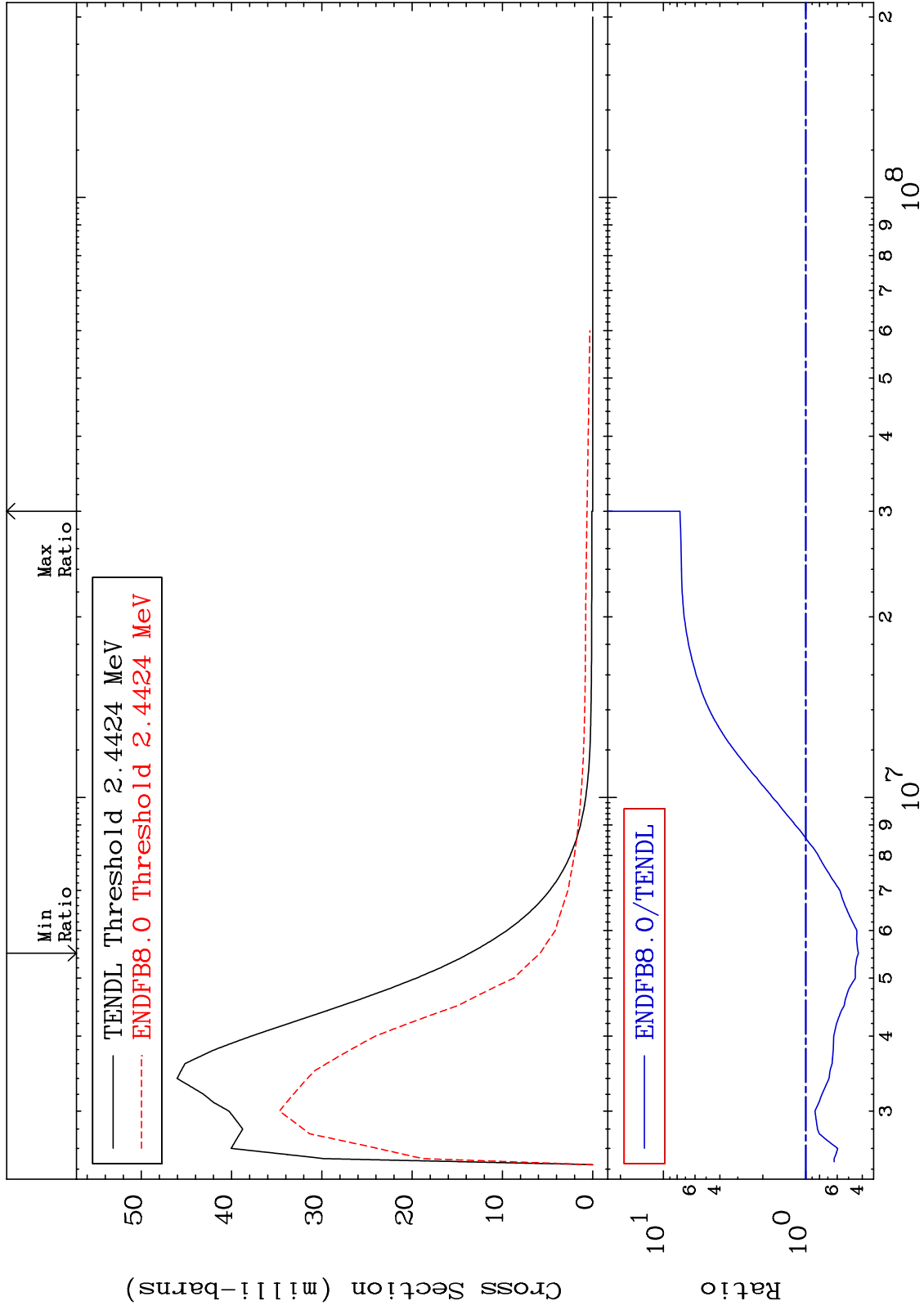
25-Mn-55
-38.29 To 9999. %



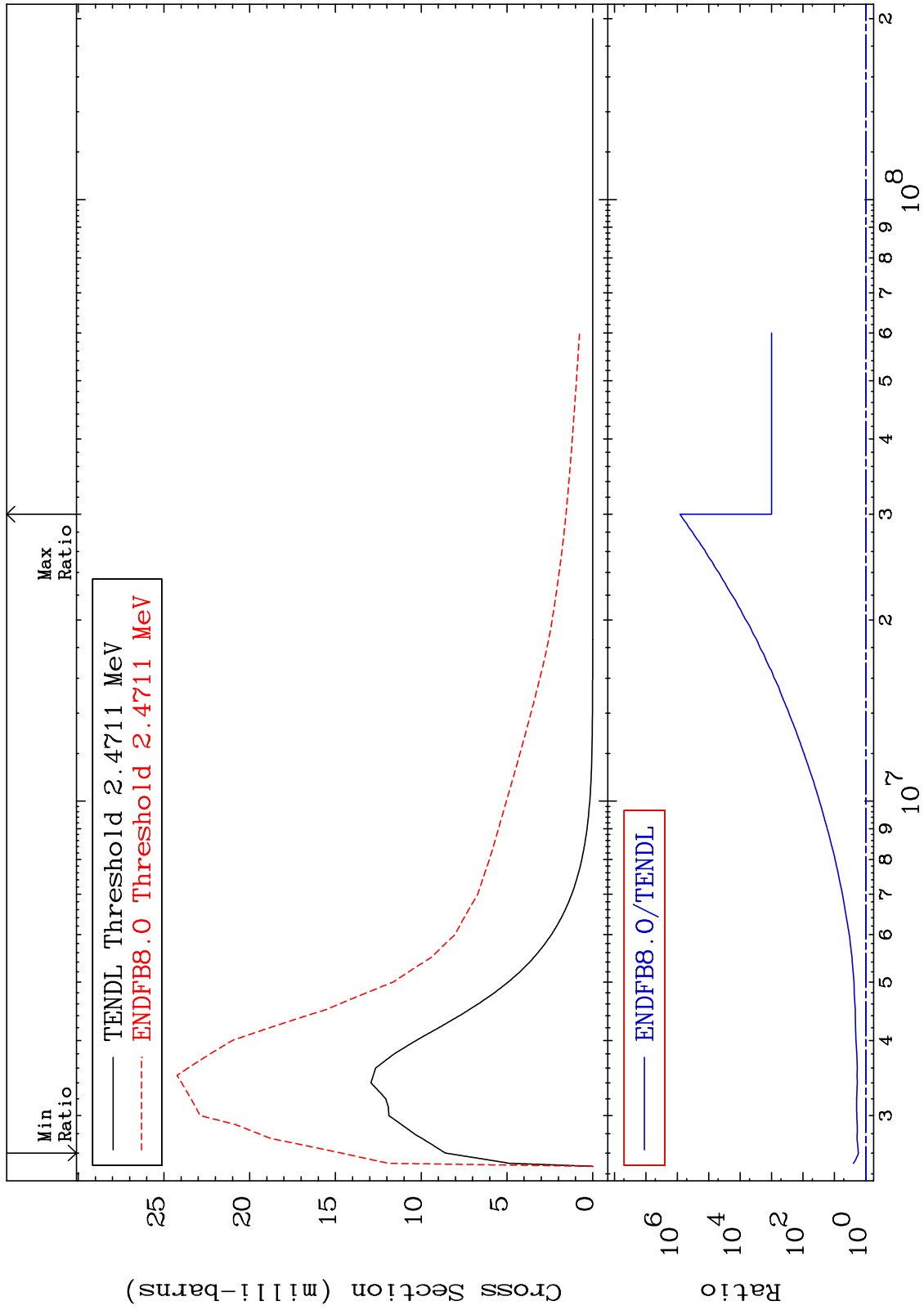
MAT 2525

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

25-Mn-55
-57.35 To 663.2 %



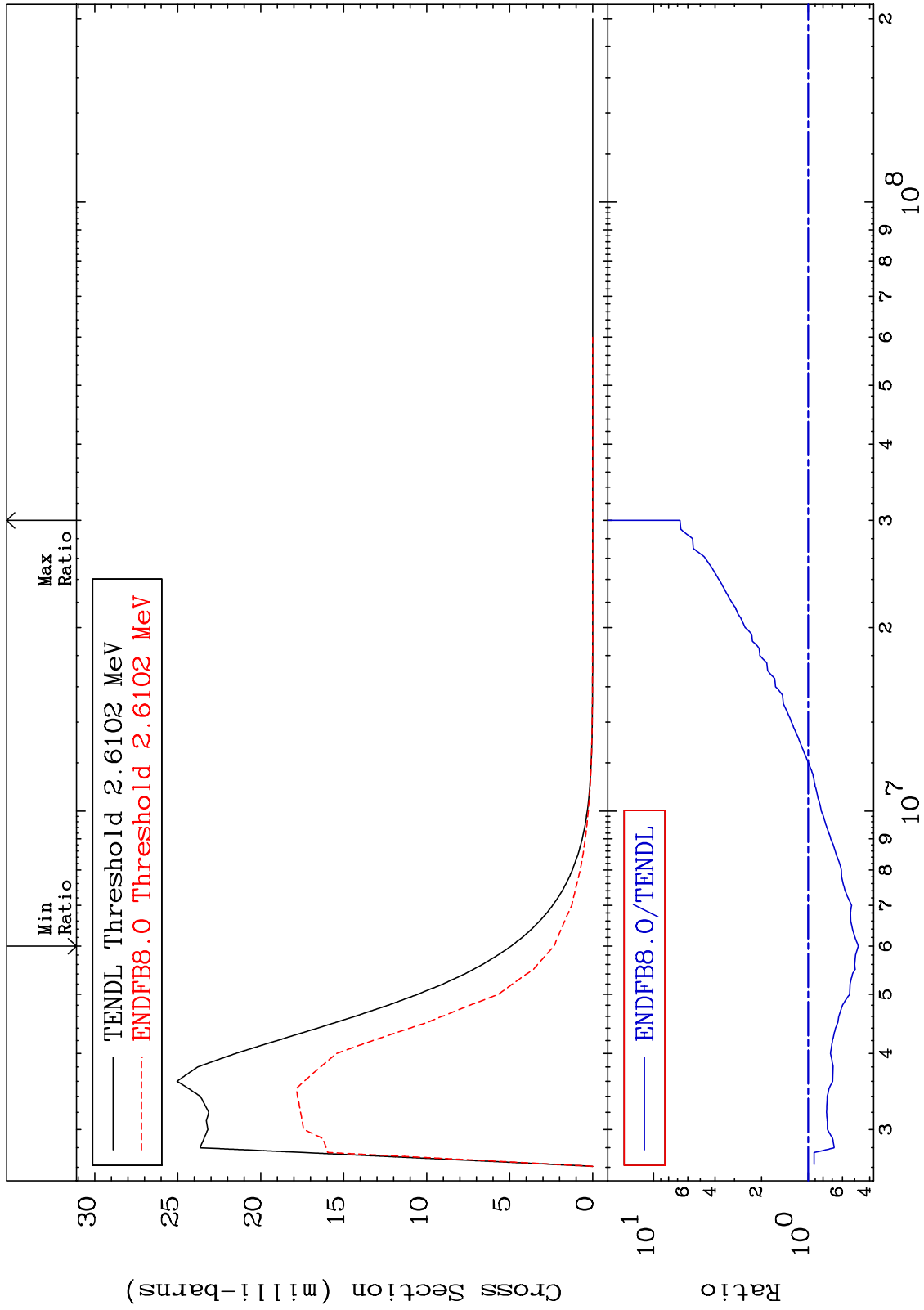
MAT 2525 MT= 68 (n,n') Level Cross Section 25-Mn-55
 70.69 To 9999. %



MAT 2525

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

25-Mn-55
-52.70 To 574.6 %



25

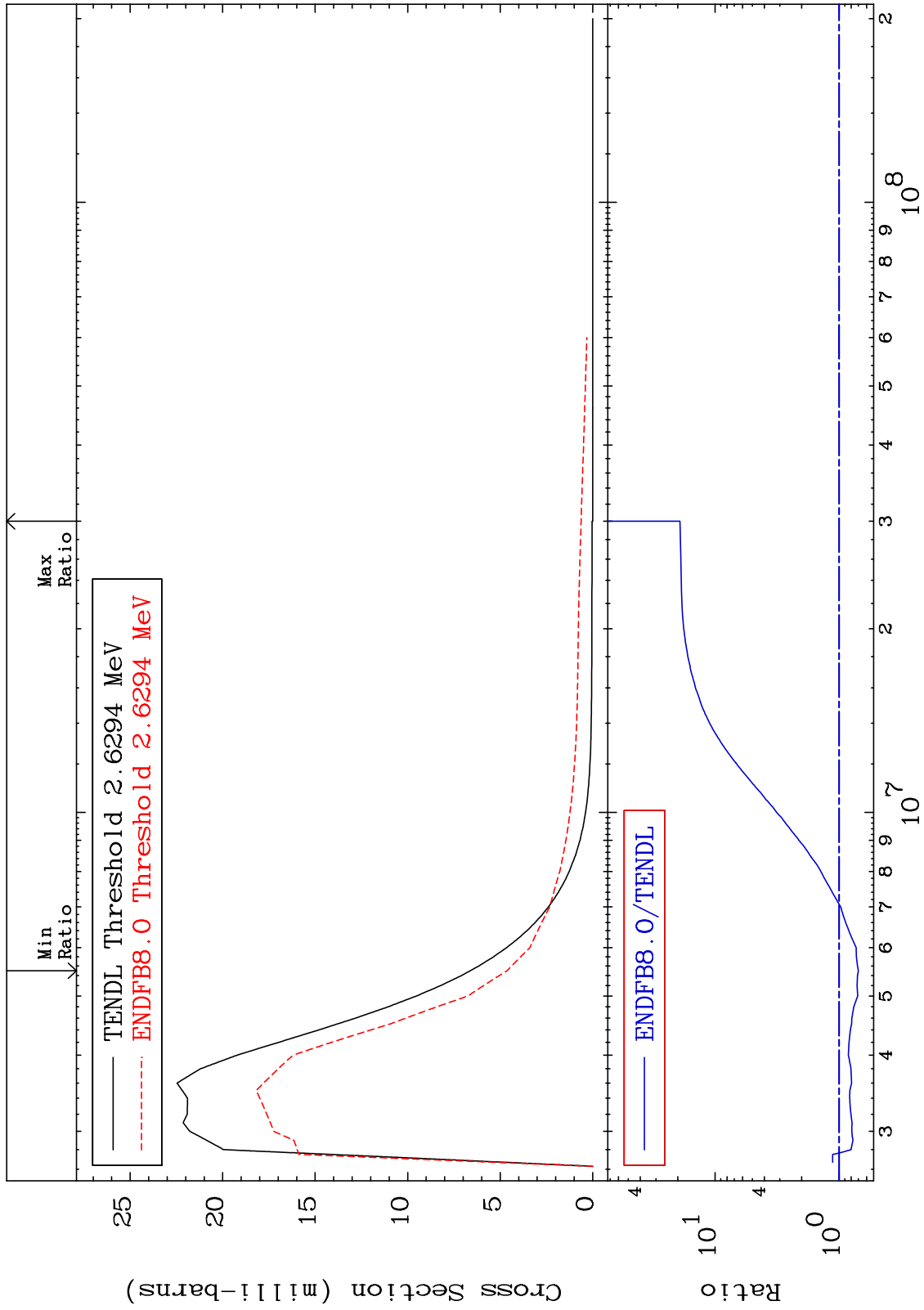
Incident Energy (eV)

25-Mn-55

MAT 2525

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

25-Mn-55
-30.12 To 1816. %



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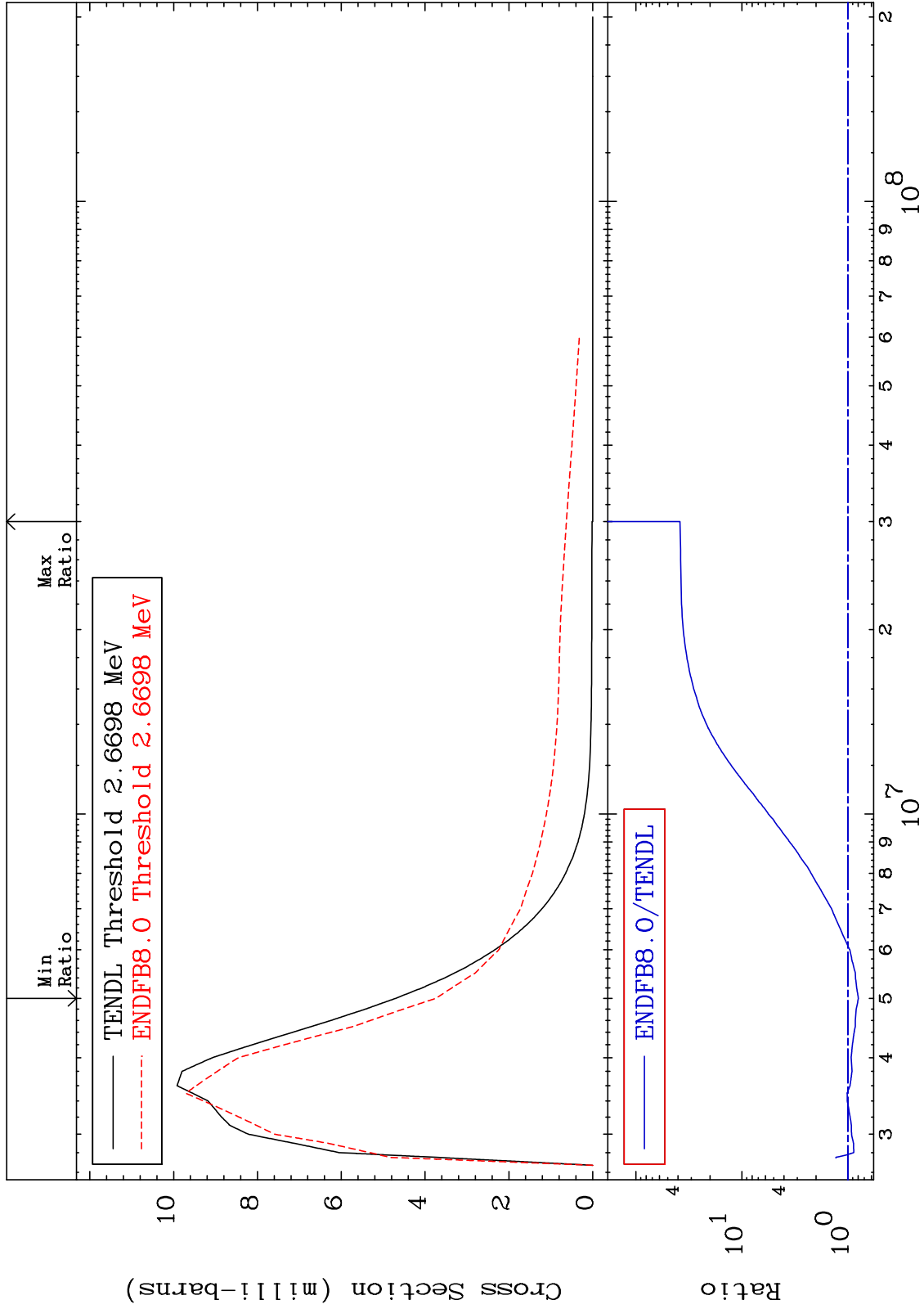
Incident Energy (eV)

25-Mn-55

MAT 2525

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

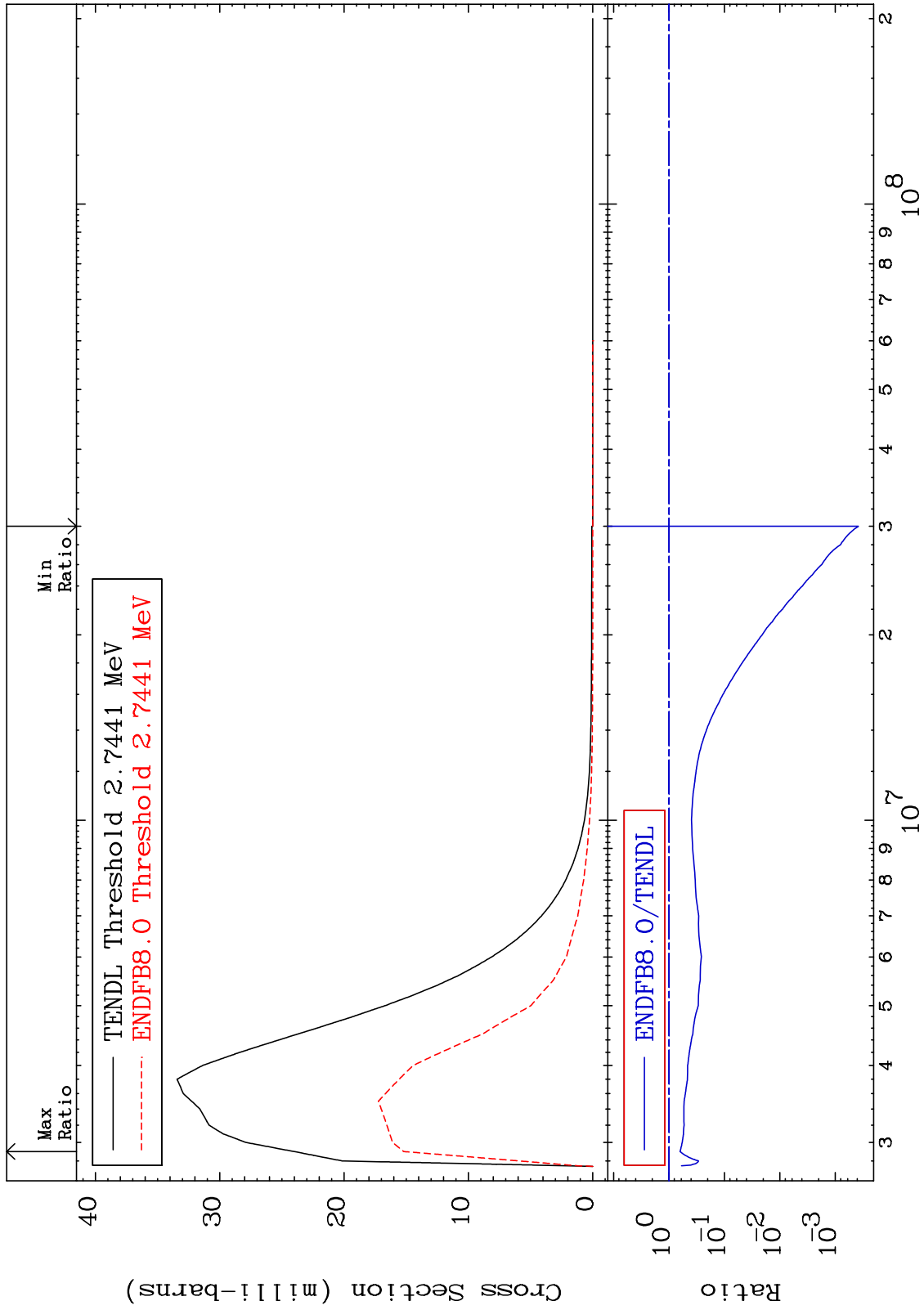
25-Mn-55
-20.46 To 3736. %



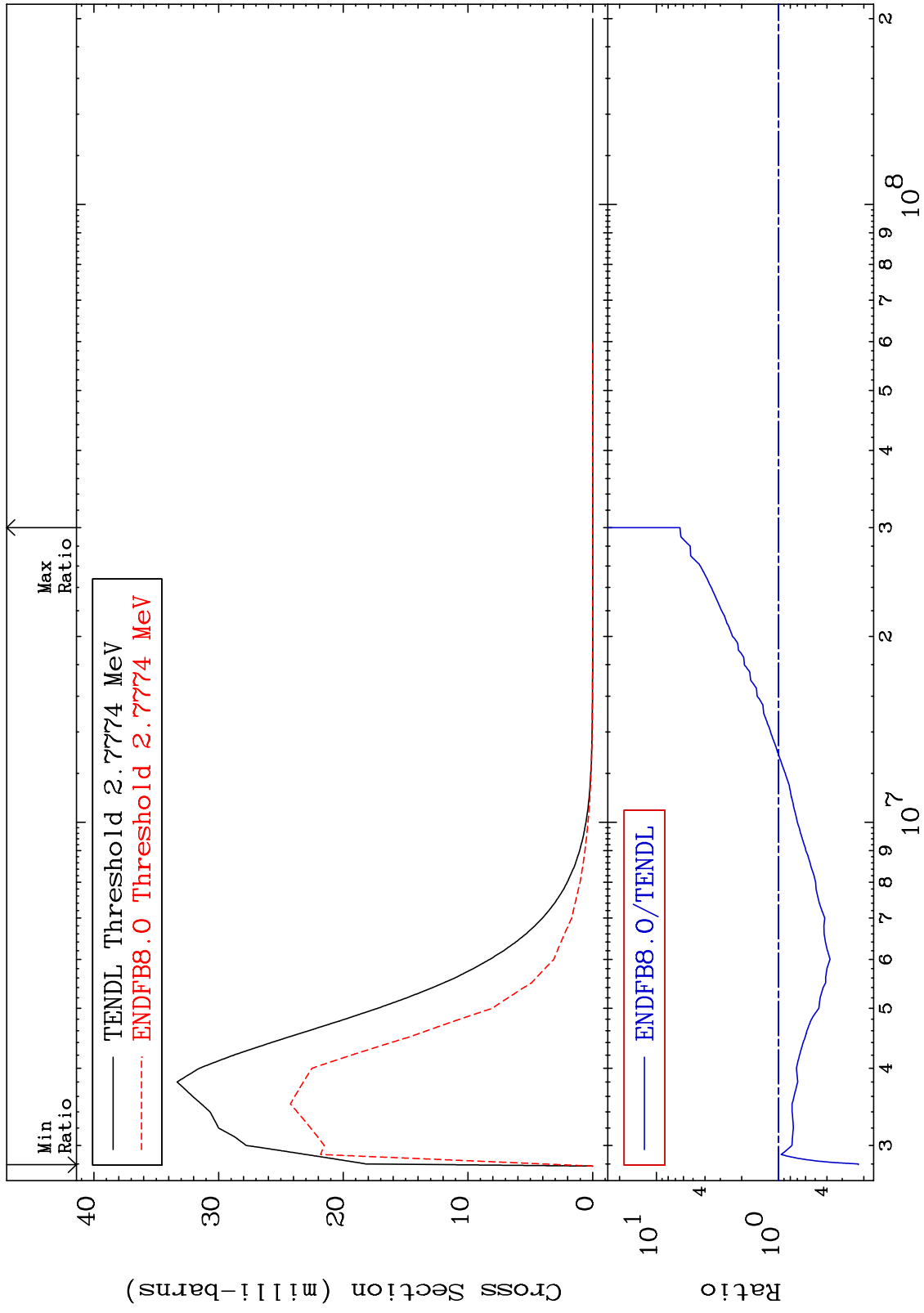
MAT 2525

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

25-Mn-55
-99.96 To -36.71%



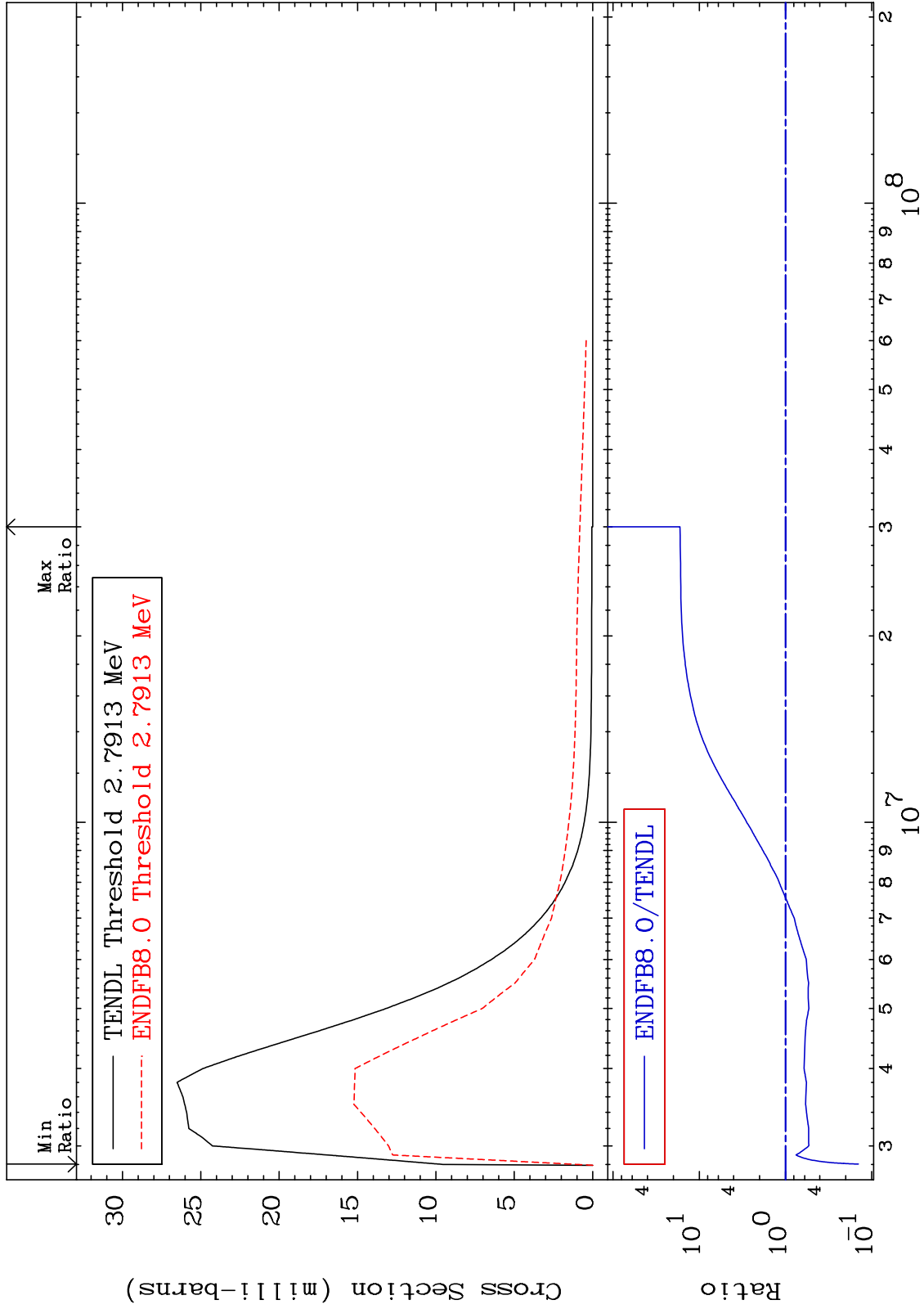
MAT 2525 MT= 73 (n, n') Level 25-Mn-55
 Cross Section -77.87 To 540.2 %



MAT 2525

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

25-Mn-55
-85.73 To 1572. %



30

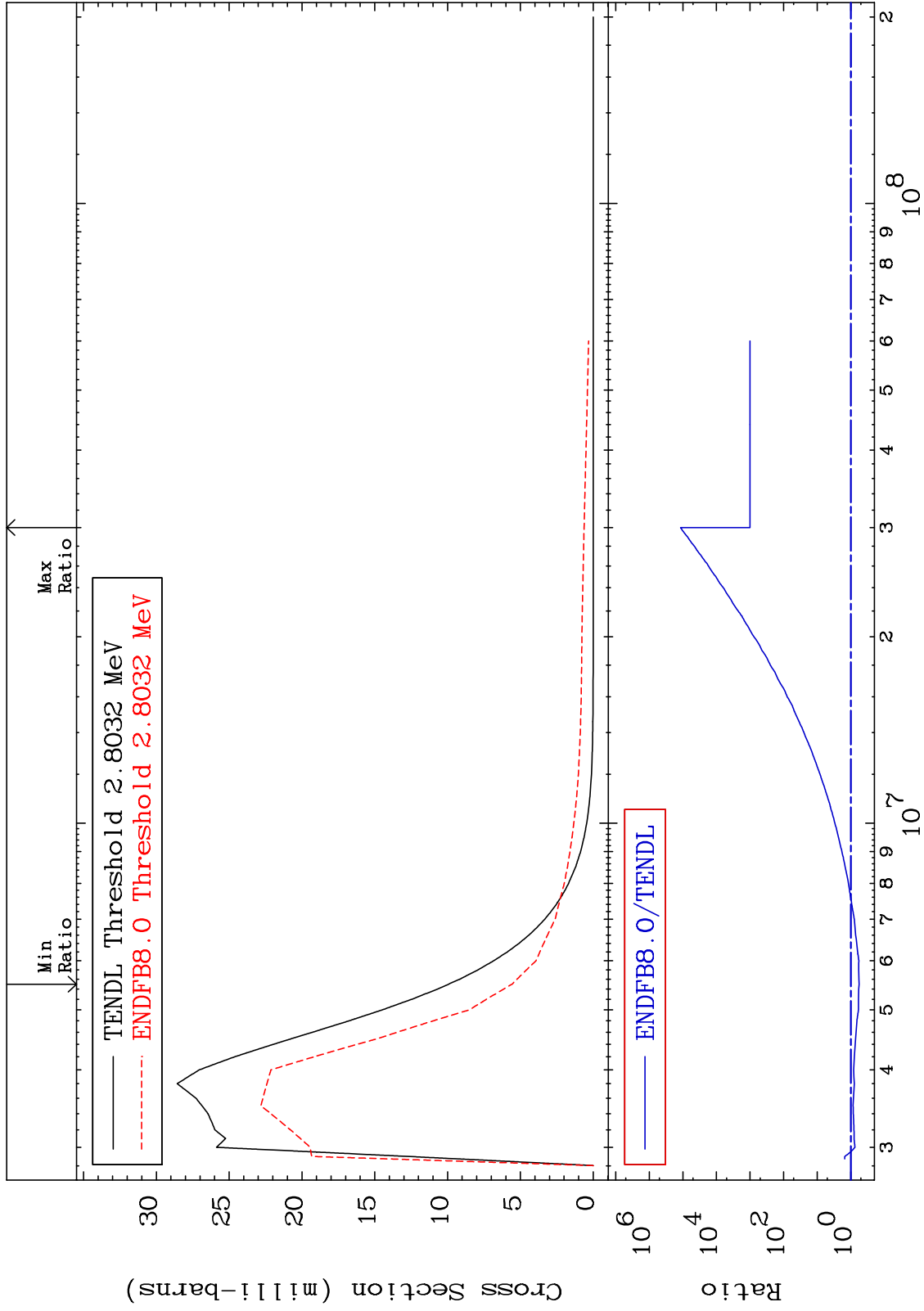
Incident Energy (eV)

25-Mn-55

MAT 2525

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

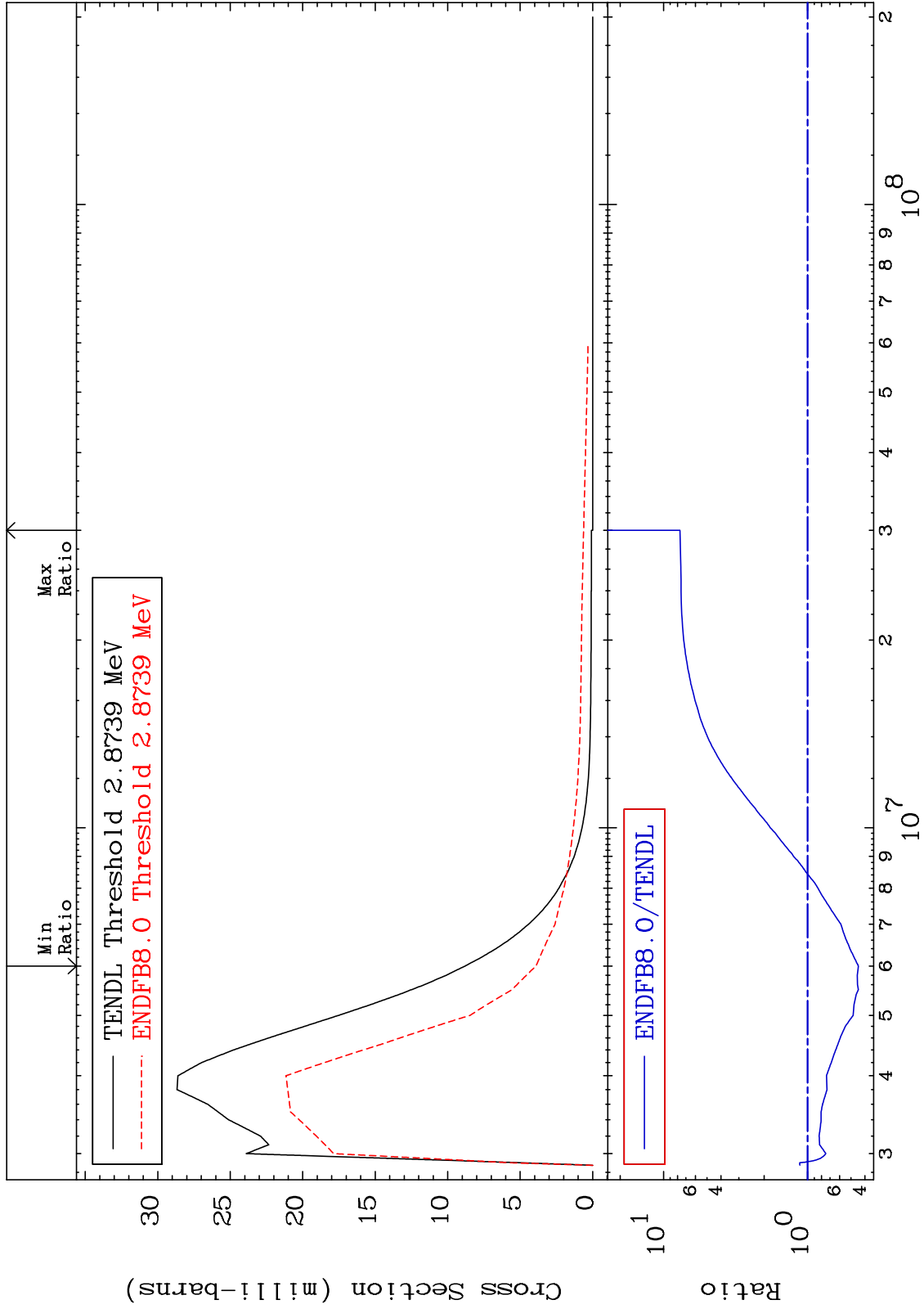
25-Mn-55
-43.91 To 9999. %



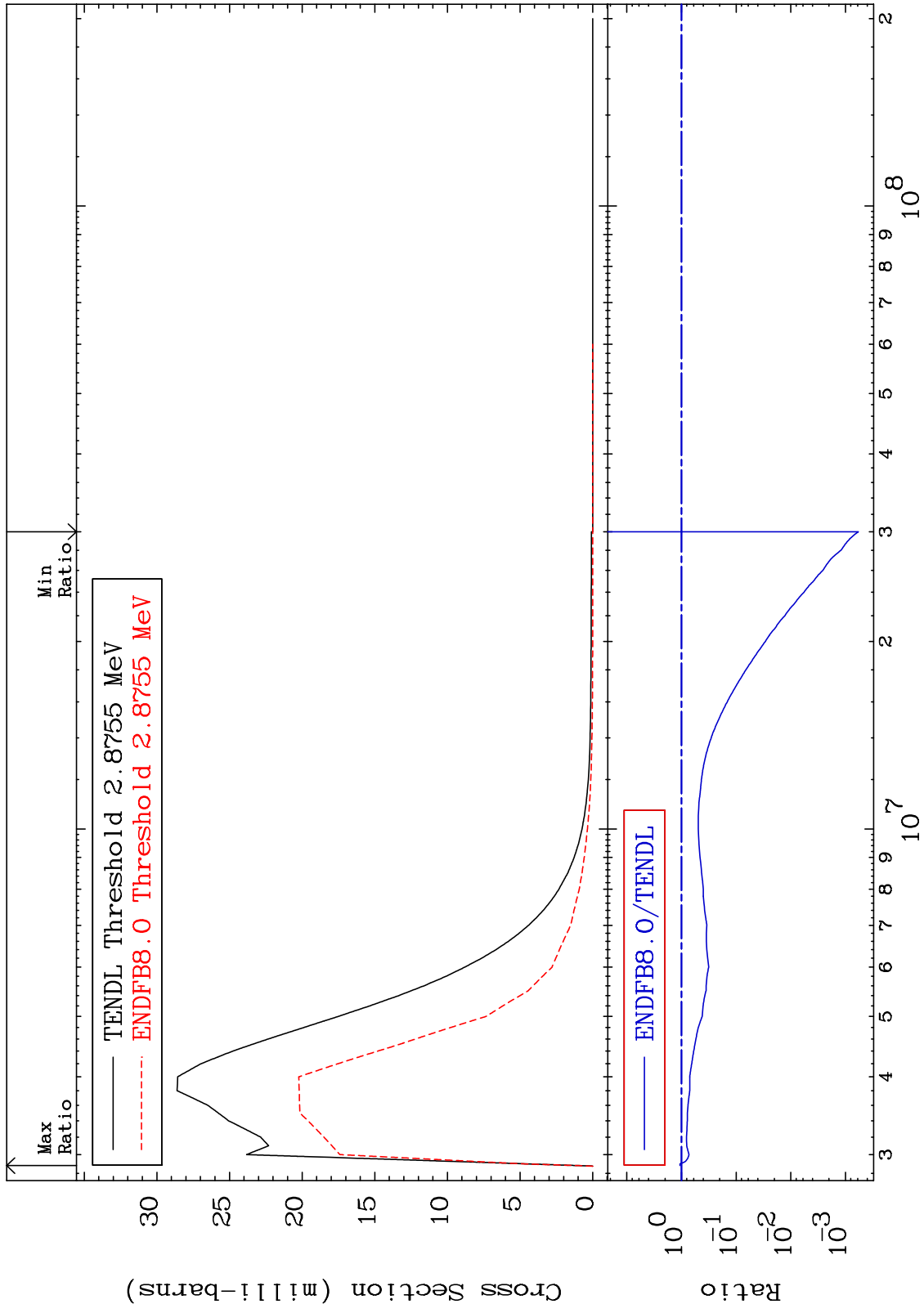
MAT 2525

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

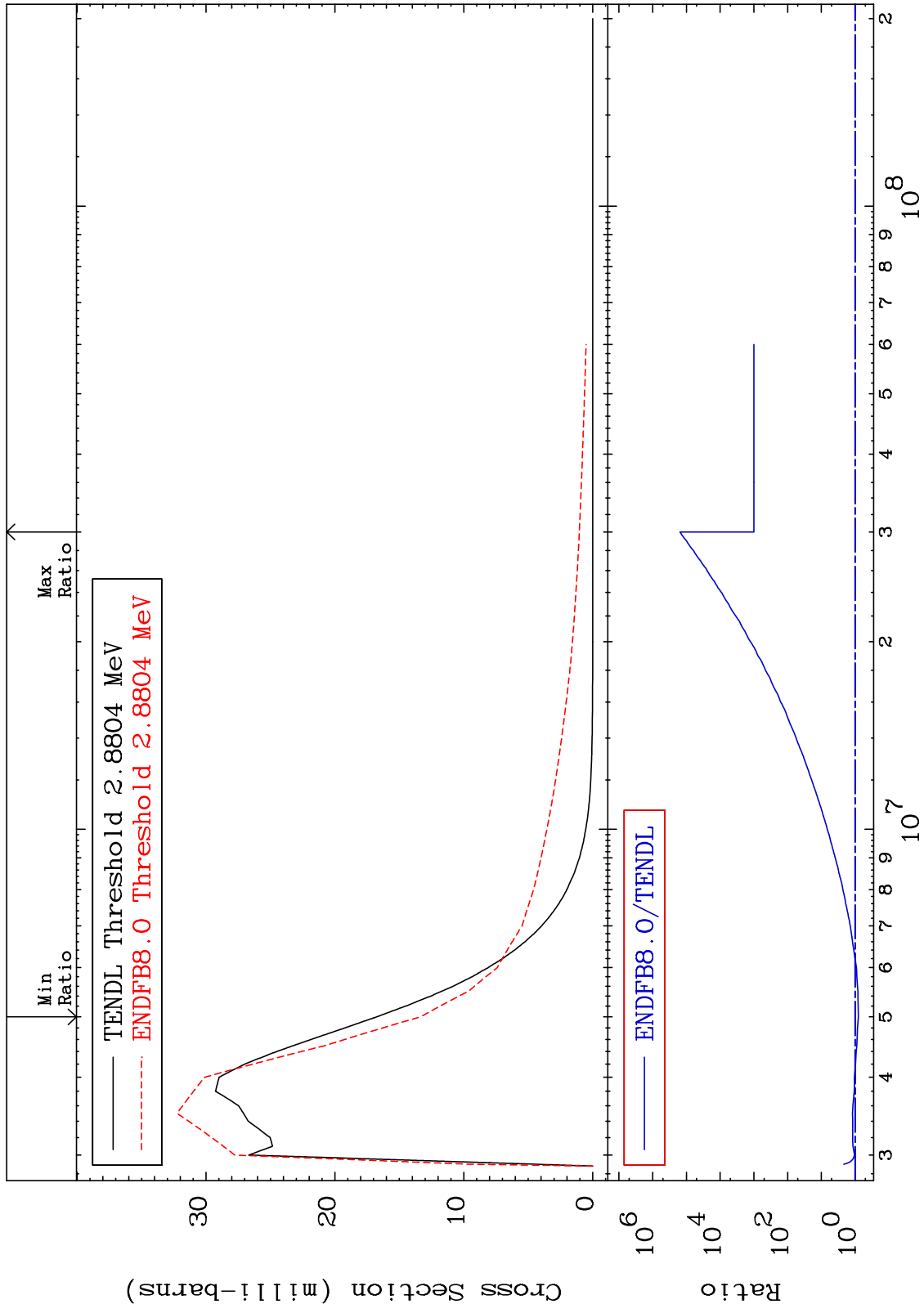
25-Mn-55
-55.57 To 668.2 %



MAT 2525 MT= 77 (n,n') Level Cross Section 25-Mn-55
 -99.94 To 6.322 %



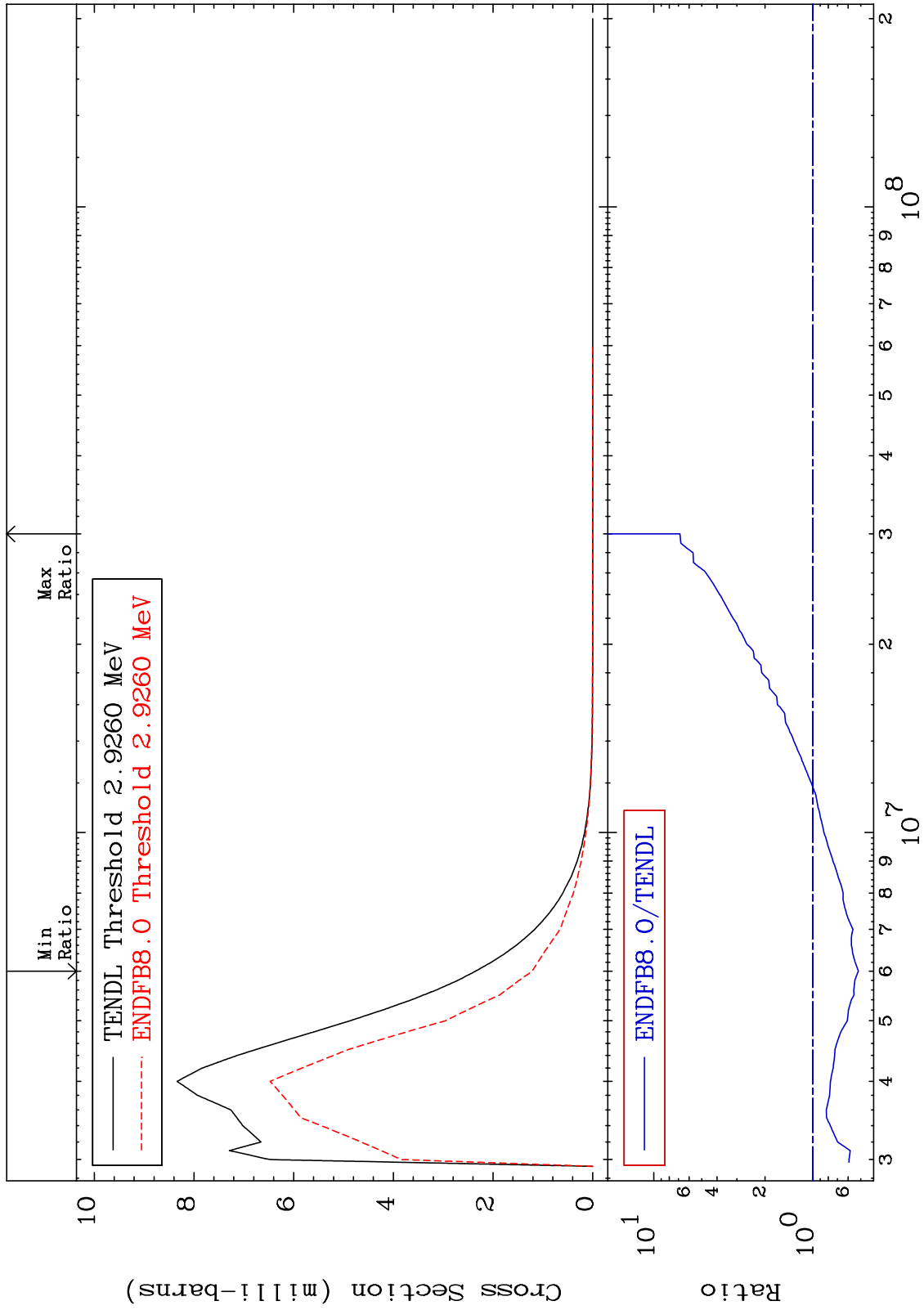
MAT 2525 MT= 78 (n,n') Level Cross Section 25-Mn-55
 -20.30 To 9999. %



MAT 2525

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

25-Mn-55
-48.29 To 584.4 %



35

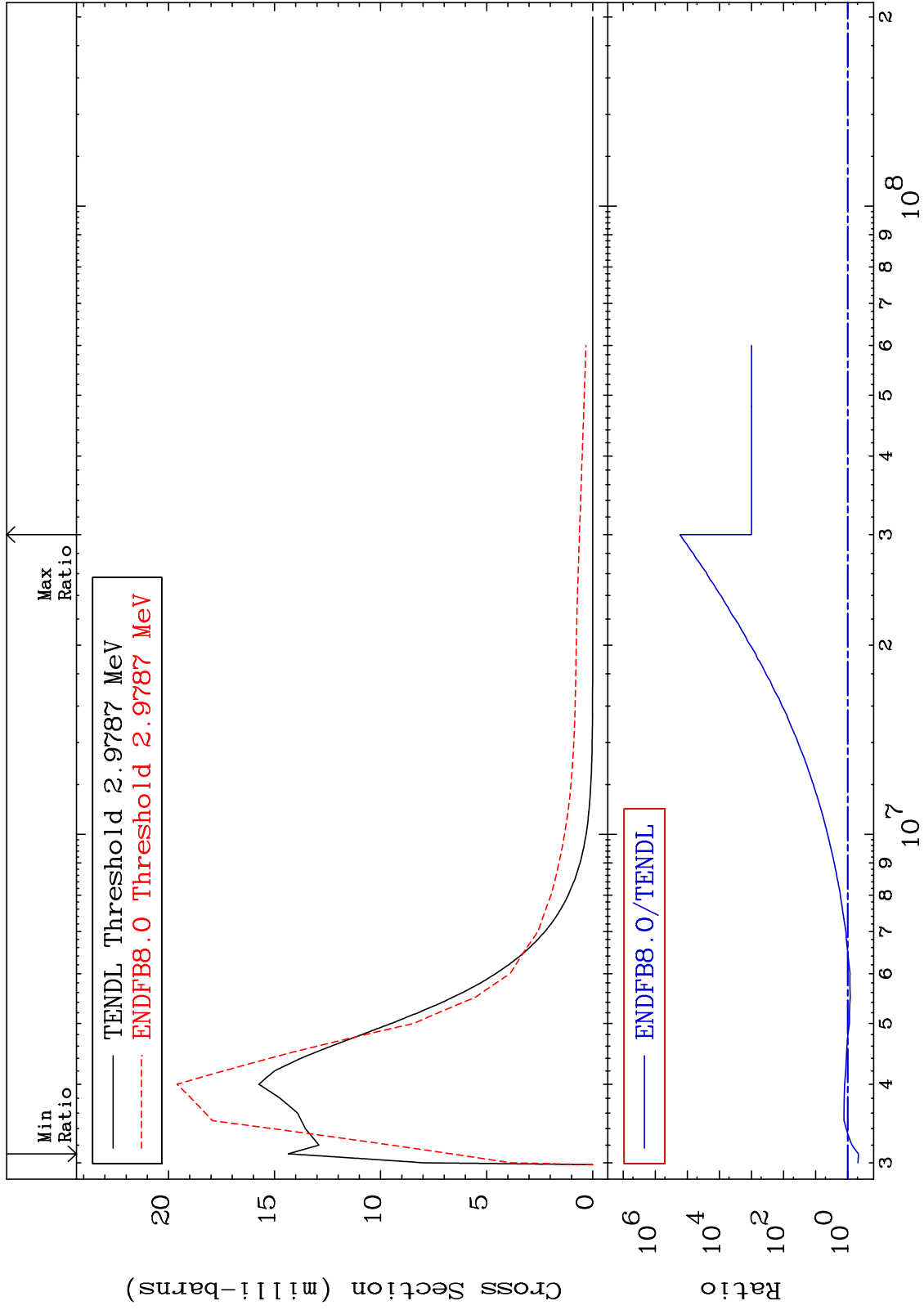
Incident Energy (eV)

25-Mn-55

MAT 2525

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

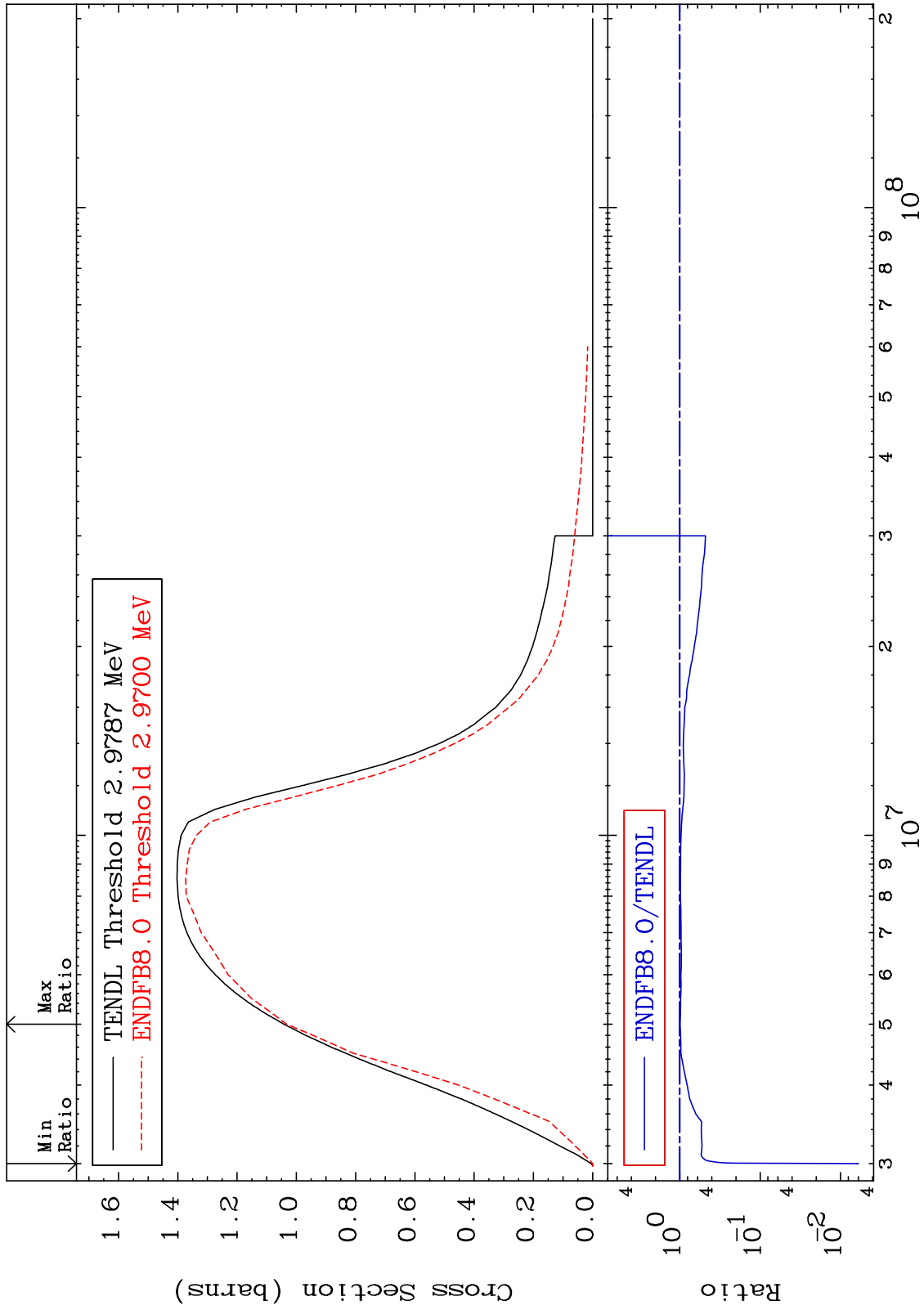
25-Mn-55
-53.45 To 9999. %



MAT 2525

(n,n') Continuum
Cross Section

²⁵Mn-55
-99.40 To -0.848%



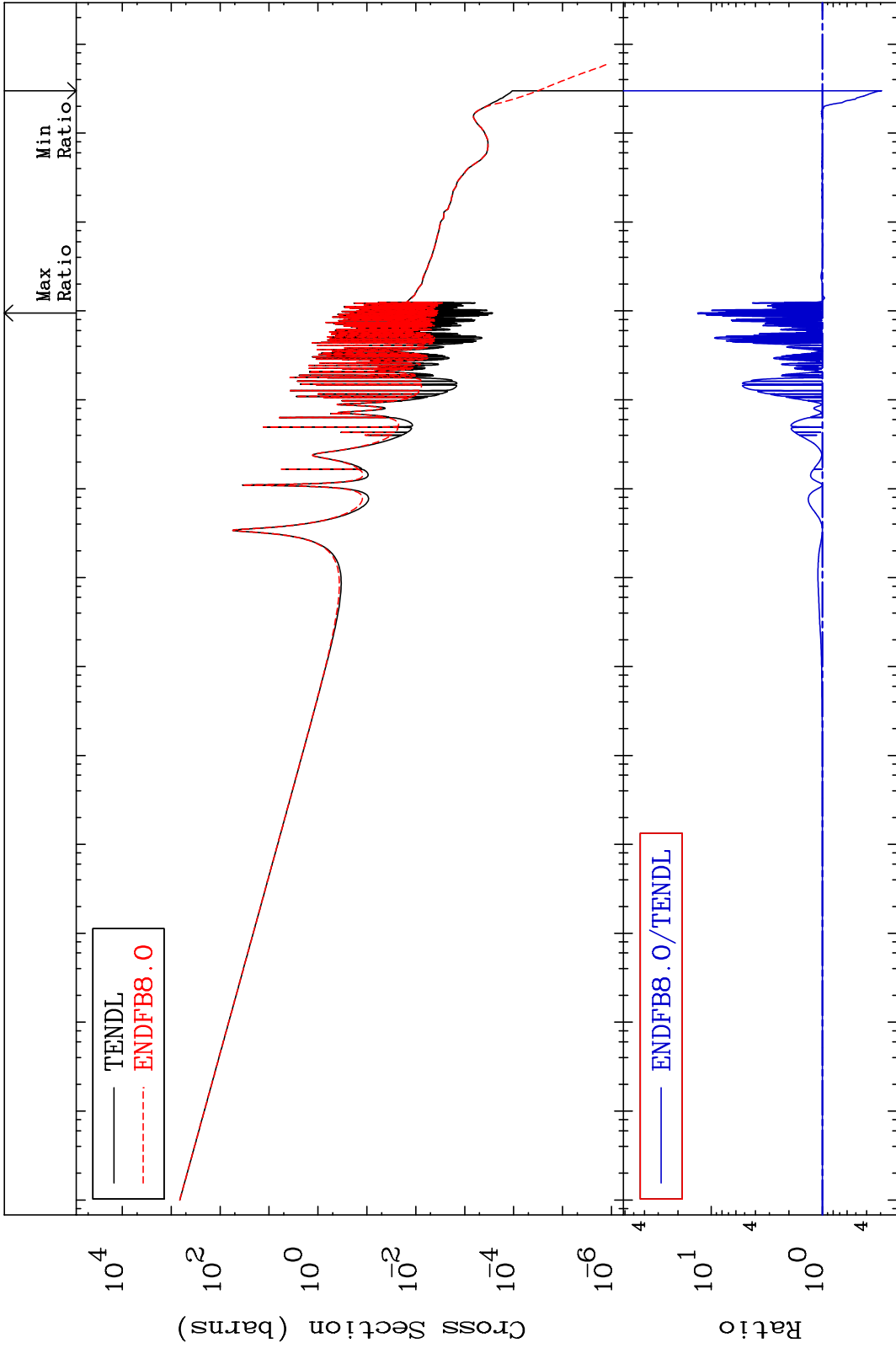
MAT 2525

(n, γ)

25-Mn-55

Cross Section

-70.63 To 1223. %



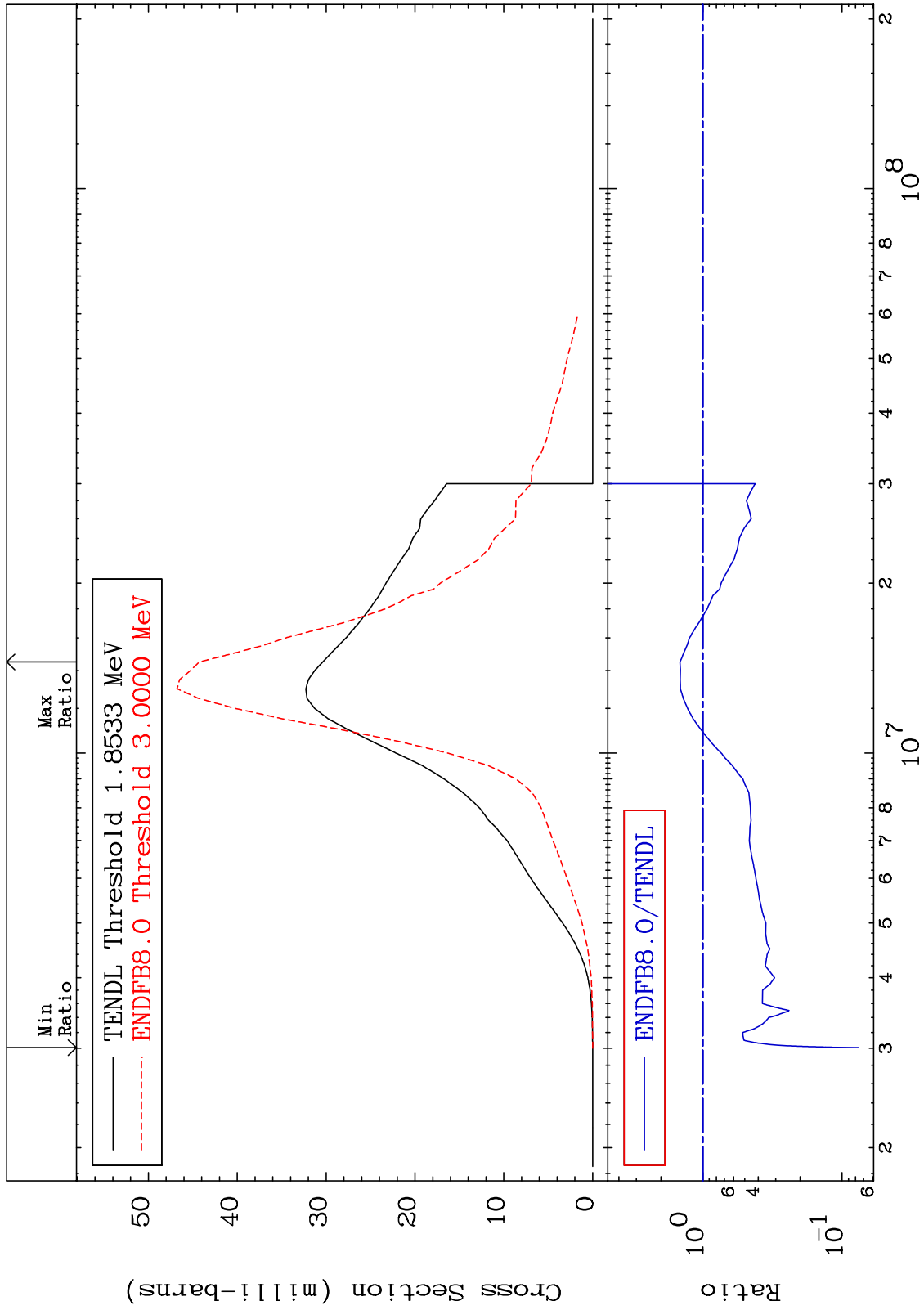
MAT 2525

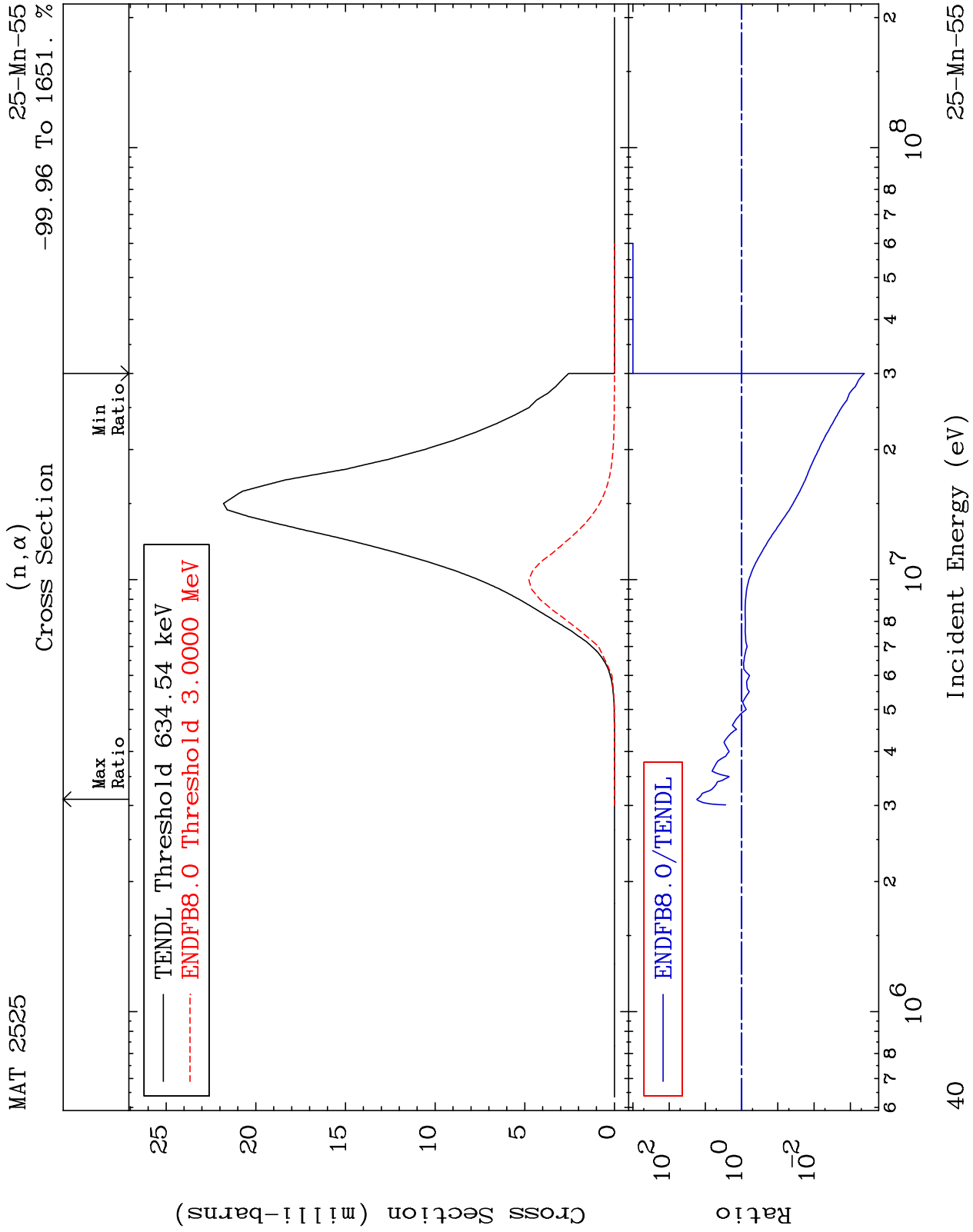
(n,p)

²⁵Mn-55

-92.37 To 45.72 %

Cross Section

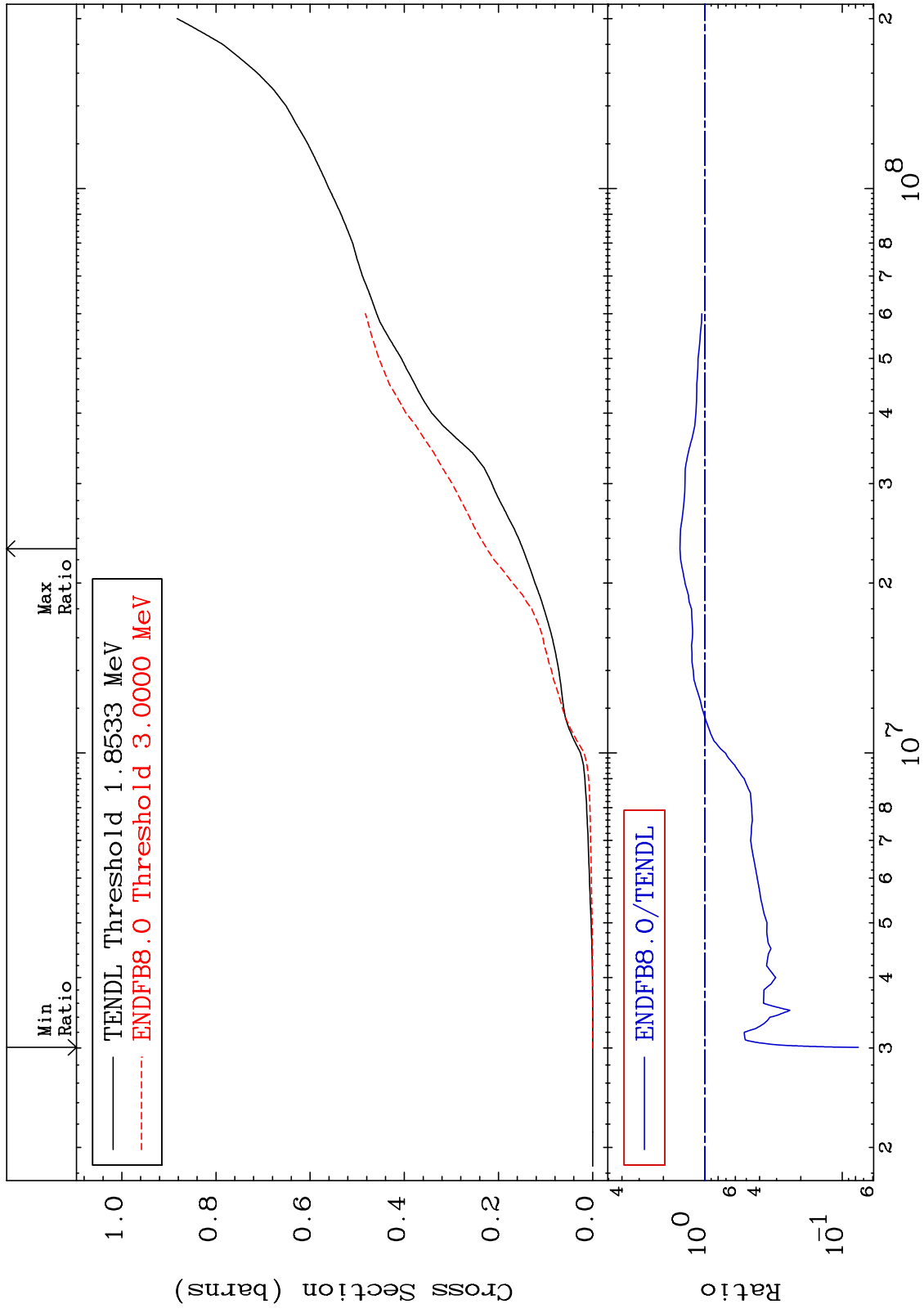




MAT 2525

Hydrogen Production
Cross Section

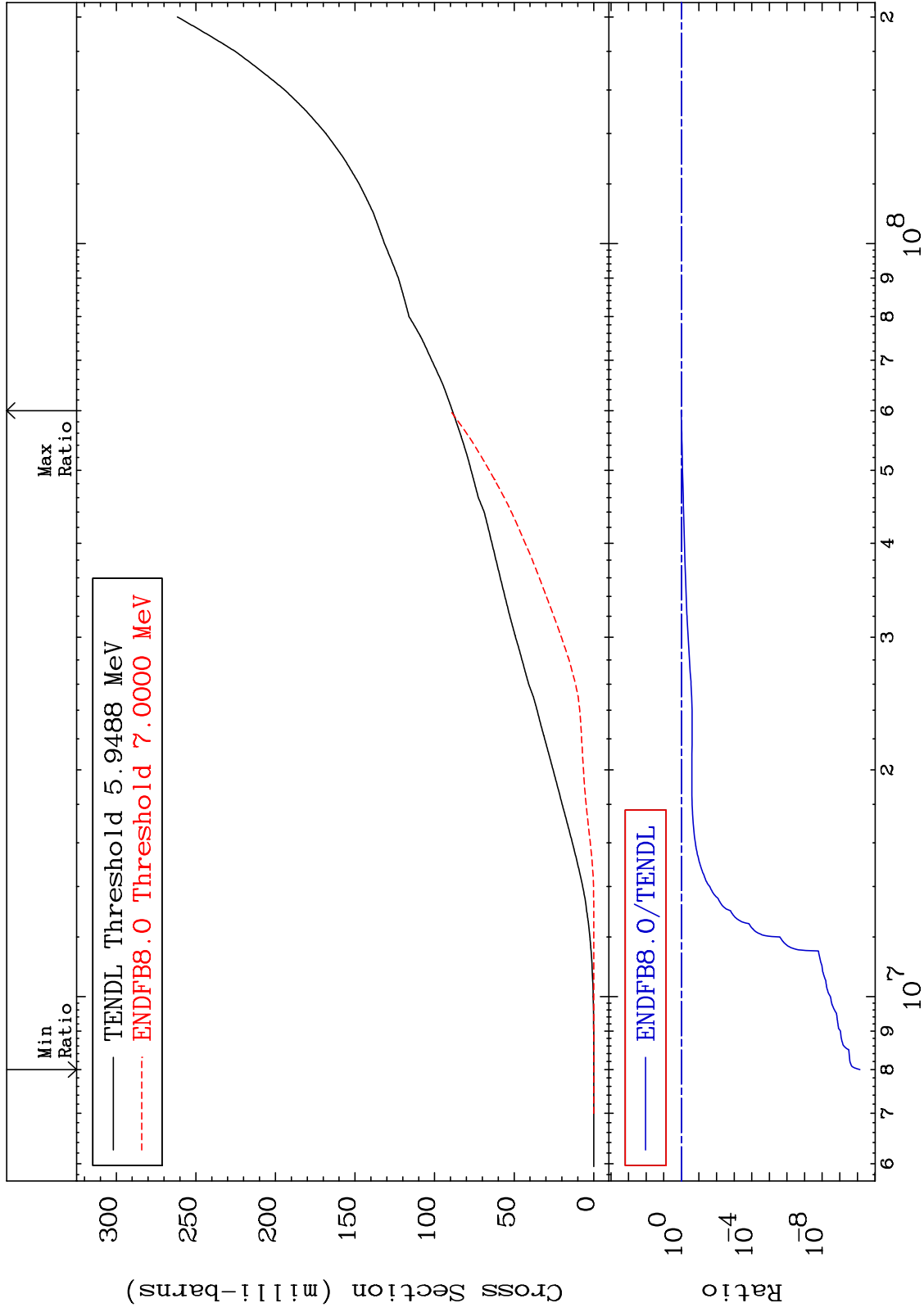
25-Mn-55
-92.37 To 51.35 %



MAT 2525

Deuterium Production
Cross Section

²⁵Mn-55
-100.0 To 1.447 %



42

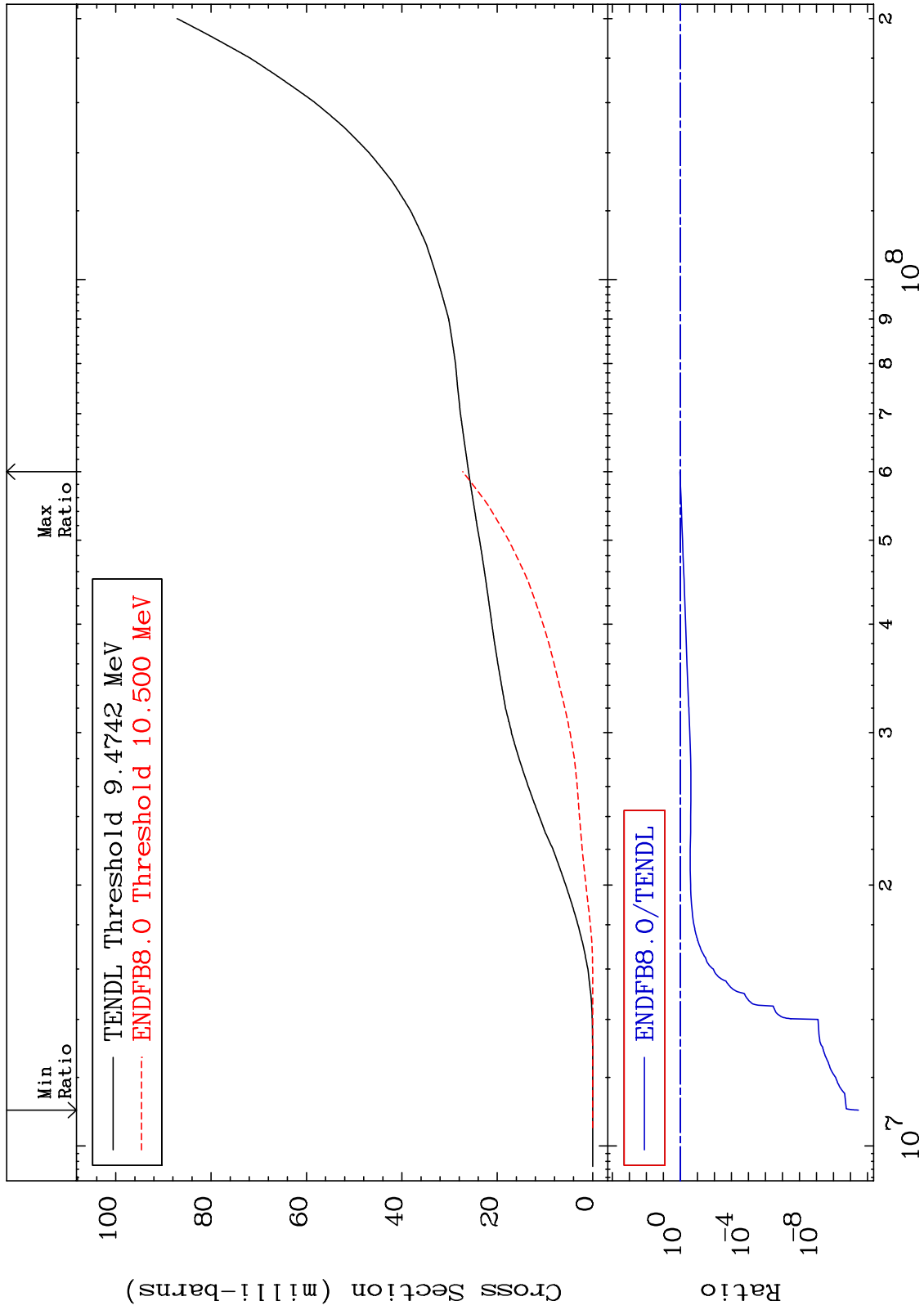
Incident Energy (eV)

²⁵Mn-55

MAT 2525

Tritium Production
Cross Section

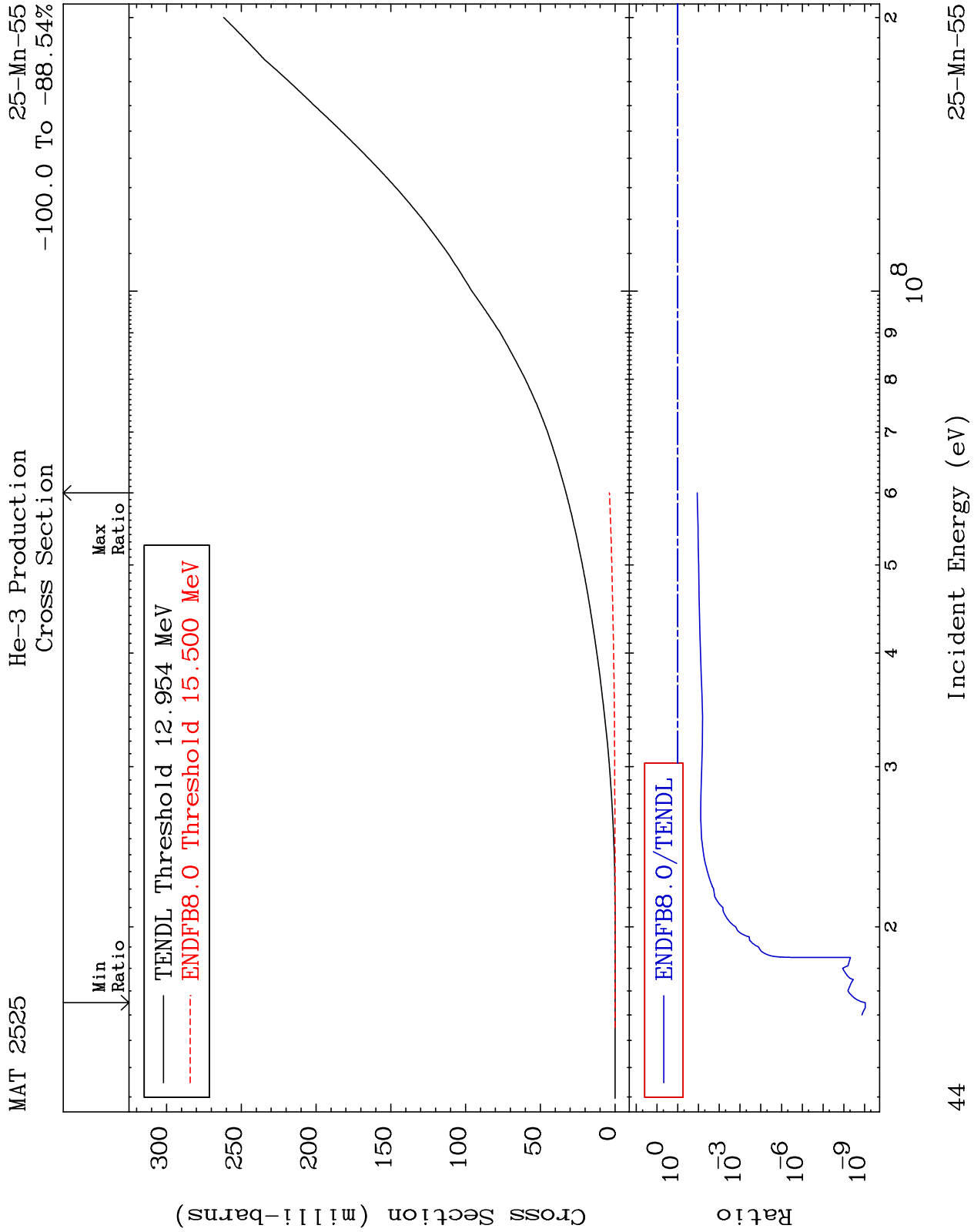
²⁵Mn-55
-100.0 To 4.655 %



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Incident Energy (eV)

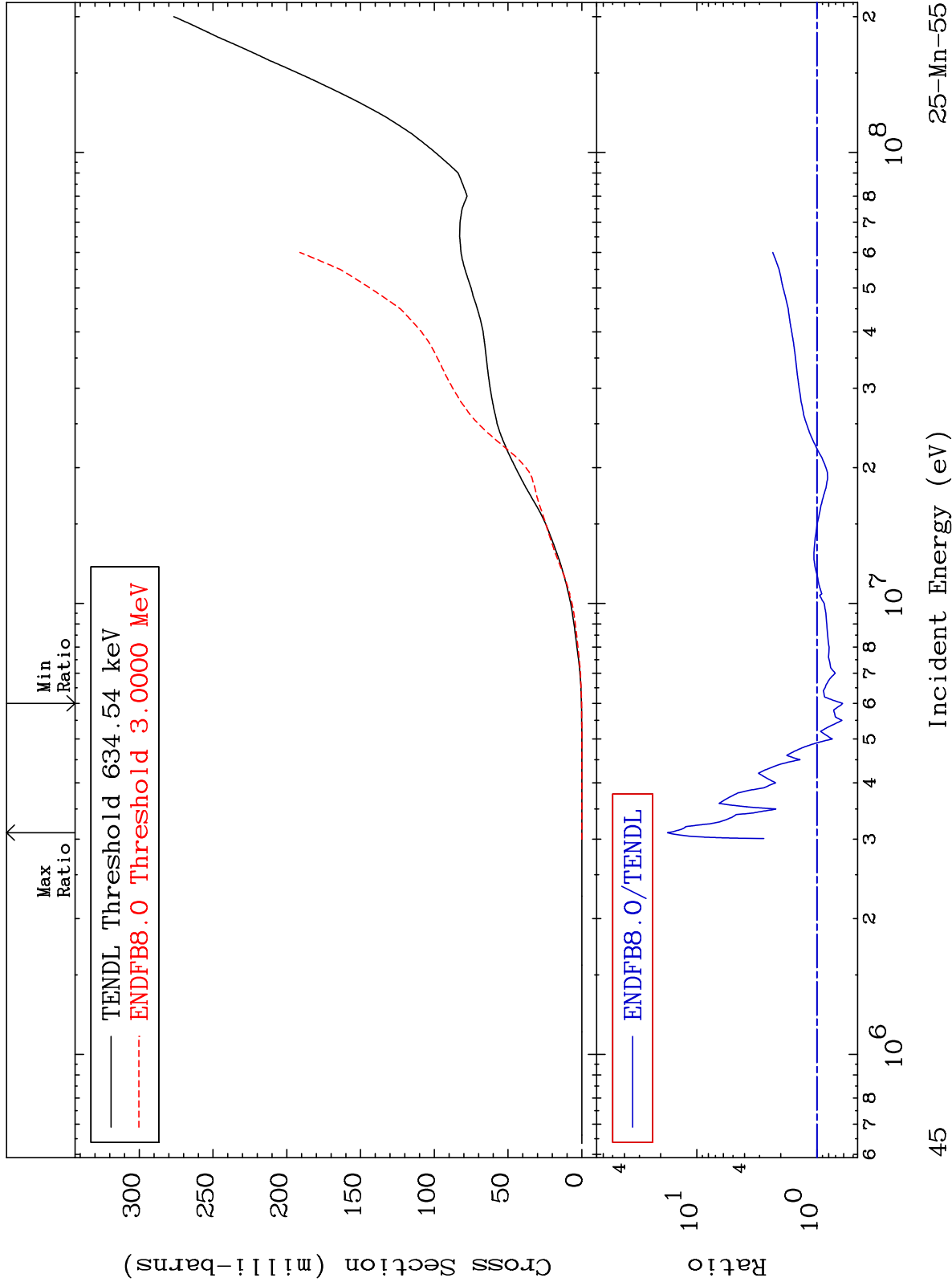
²⁵Mn-55



MAT 2525

He-4 Production
Cross Section

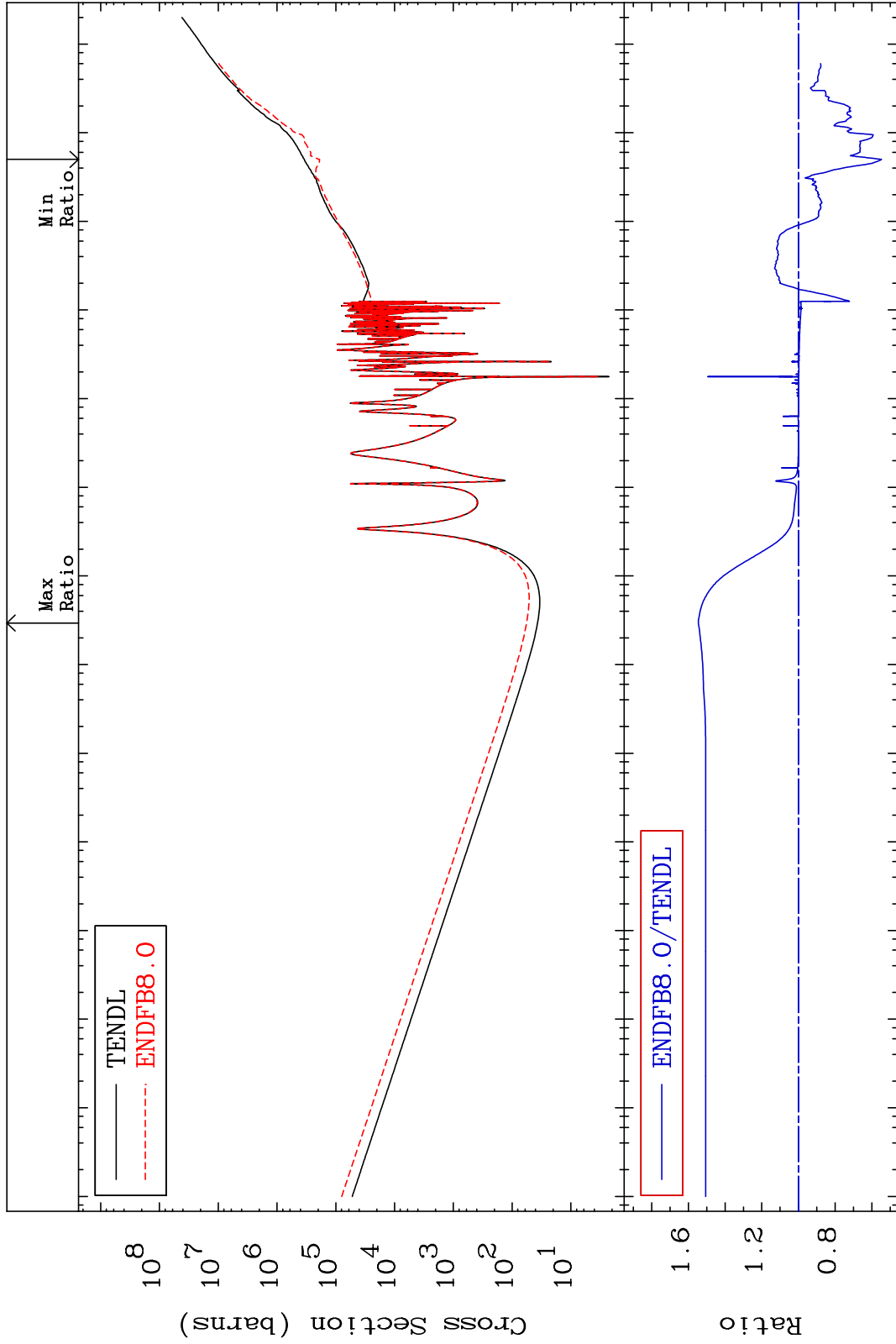
²⁵Mn-55
-38.82 To 1651. %



MAT 2525

Kerma total (eV-barns)
Cross Section

25-Mn-55
-45.29 To 54.56 %



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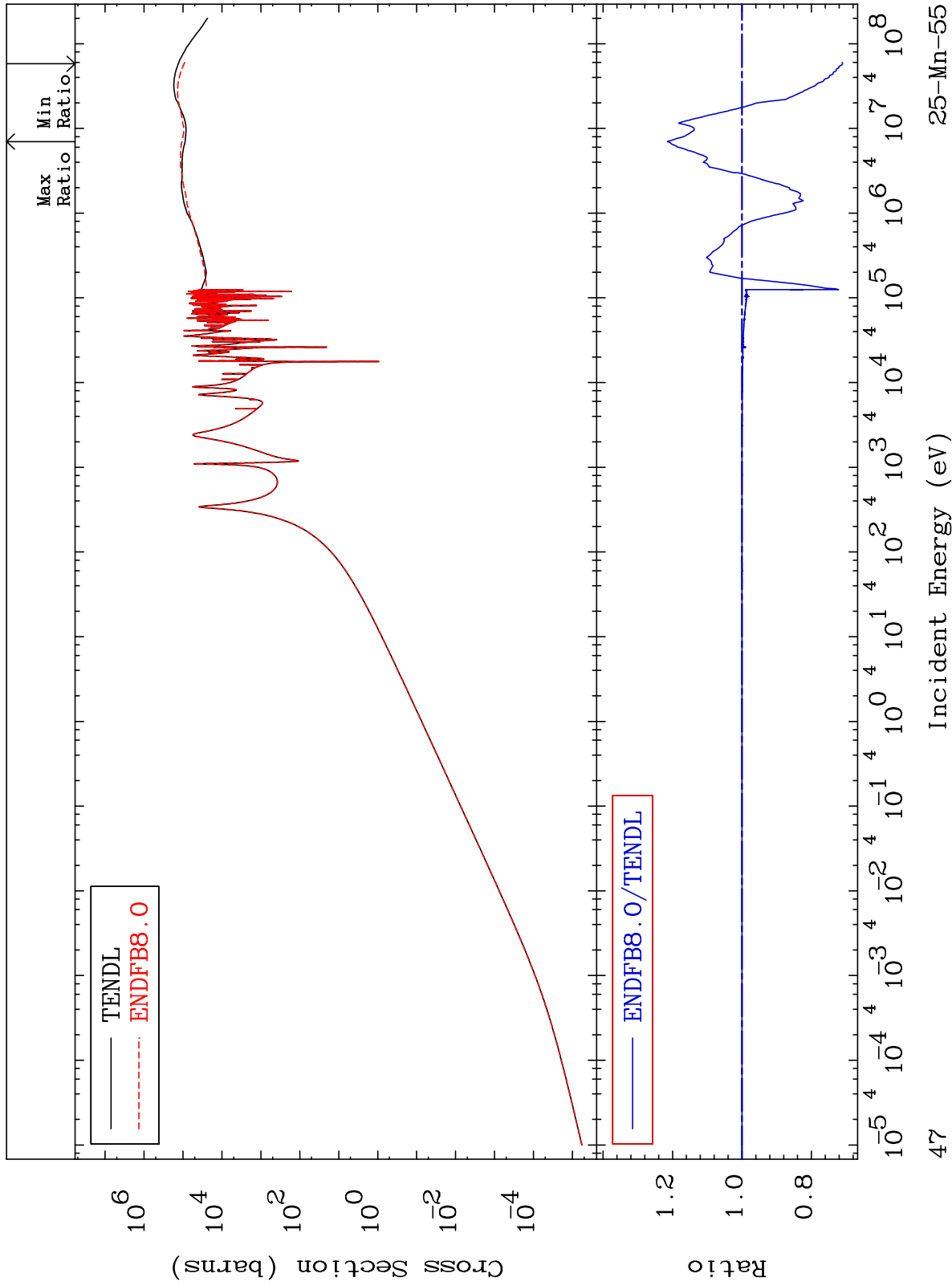
Incident Energy (eV)

25-Mn-55

MAT 2525

Kerma elastic
Cross Section

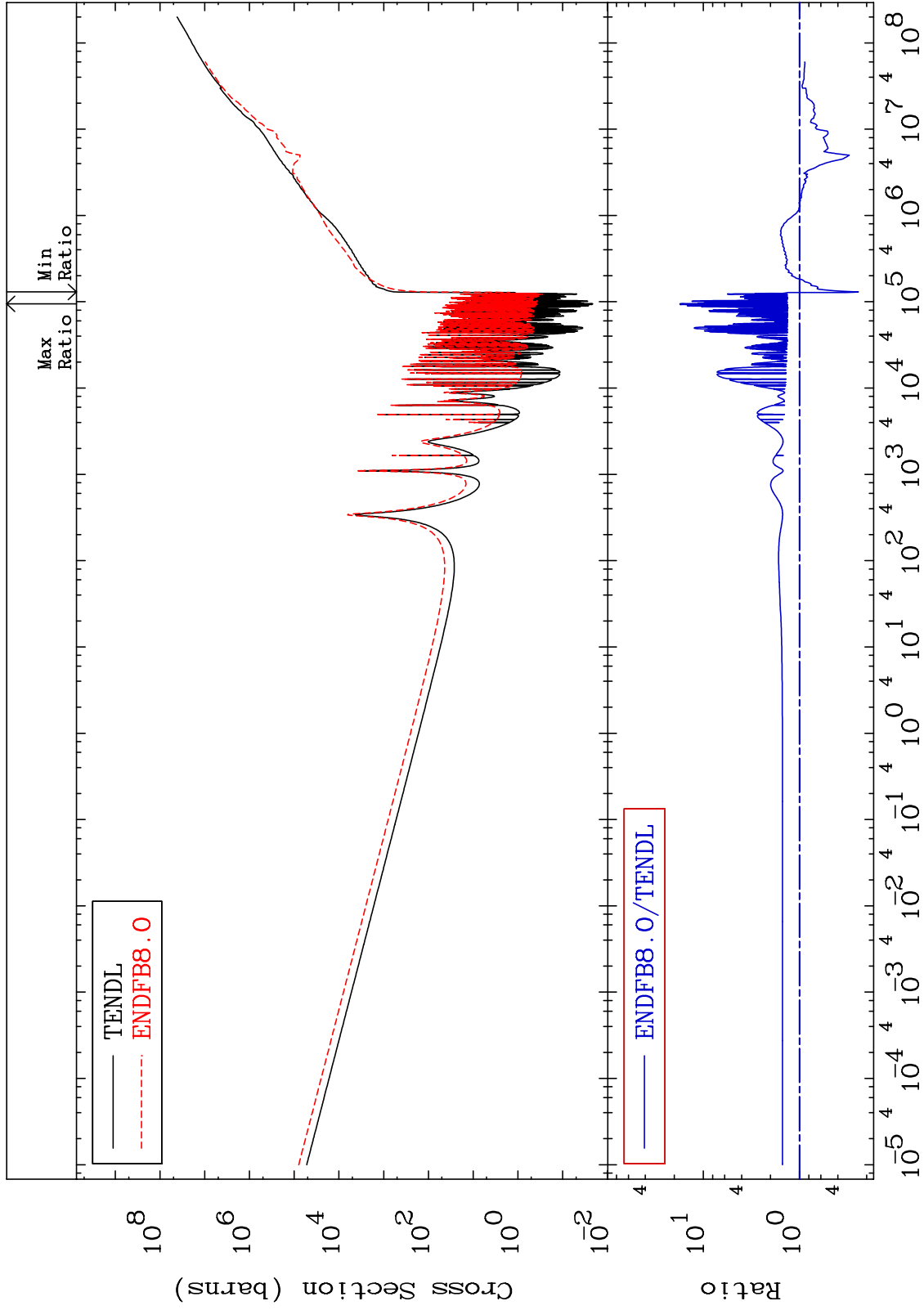
25-Mn-55
-29.00 To 21.44 %



MAT 2525

Kerma non-elastic (all but mt2)
Cross Section

25-Mn-55
-75.60 To 1645. %



48

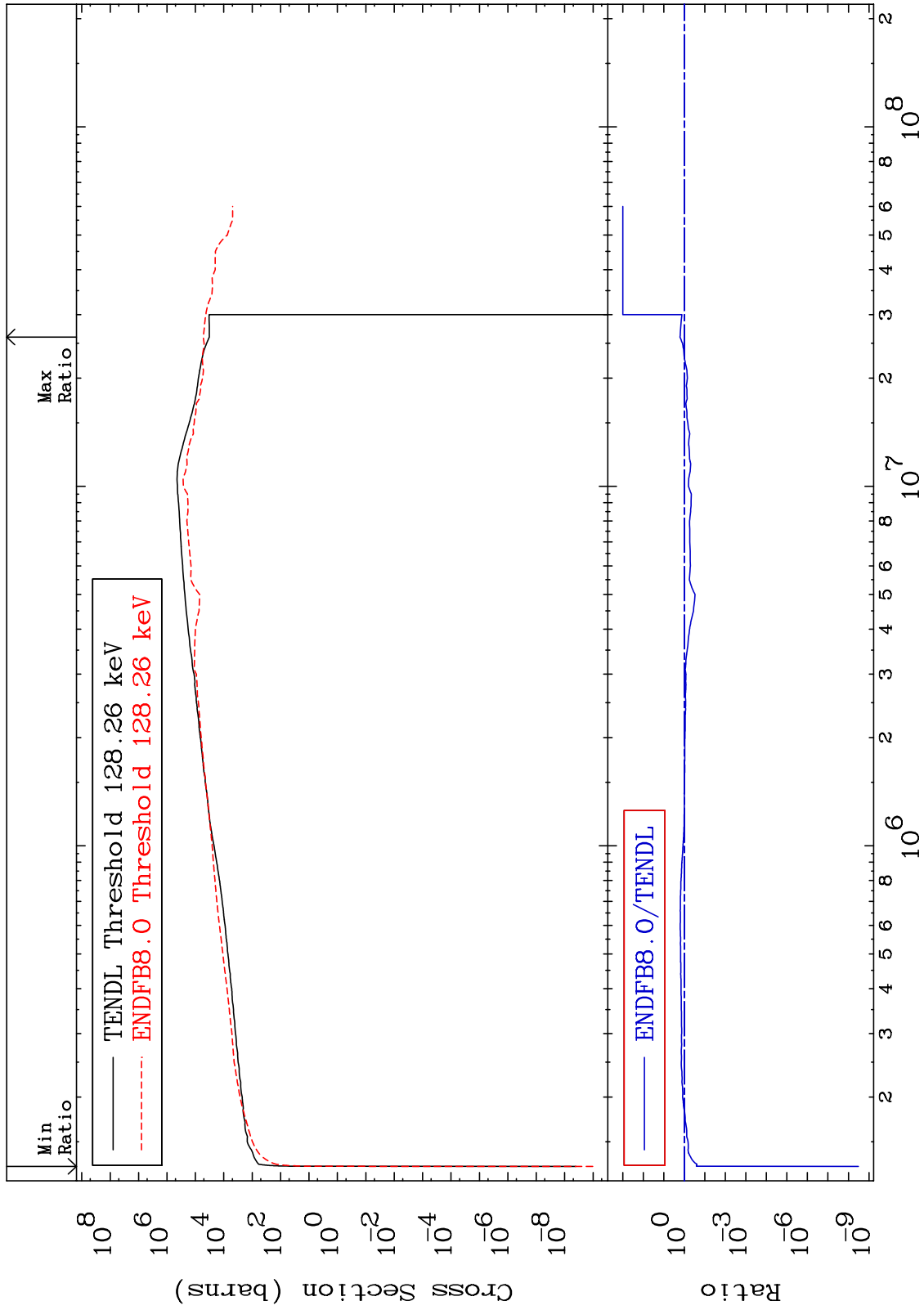
Incident Energy (eV)

25-Mn-55

MAT 2525

Kerma inelastic (mt51-91)
Cross Section

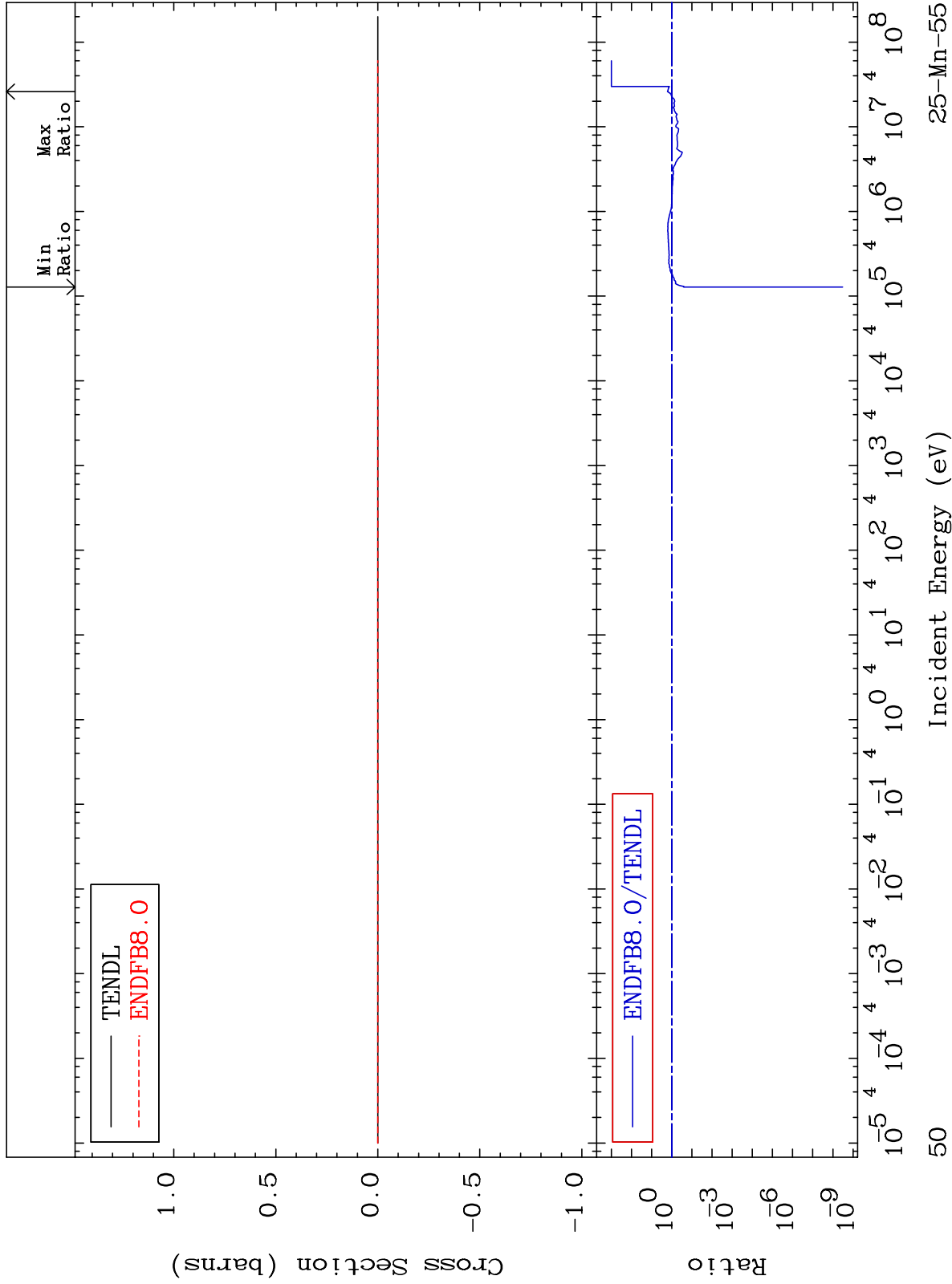
25-Mn-55
-100.0 To 61.43 %



MAT 2525

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

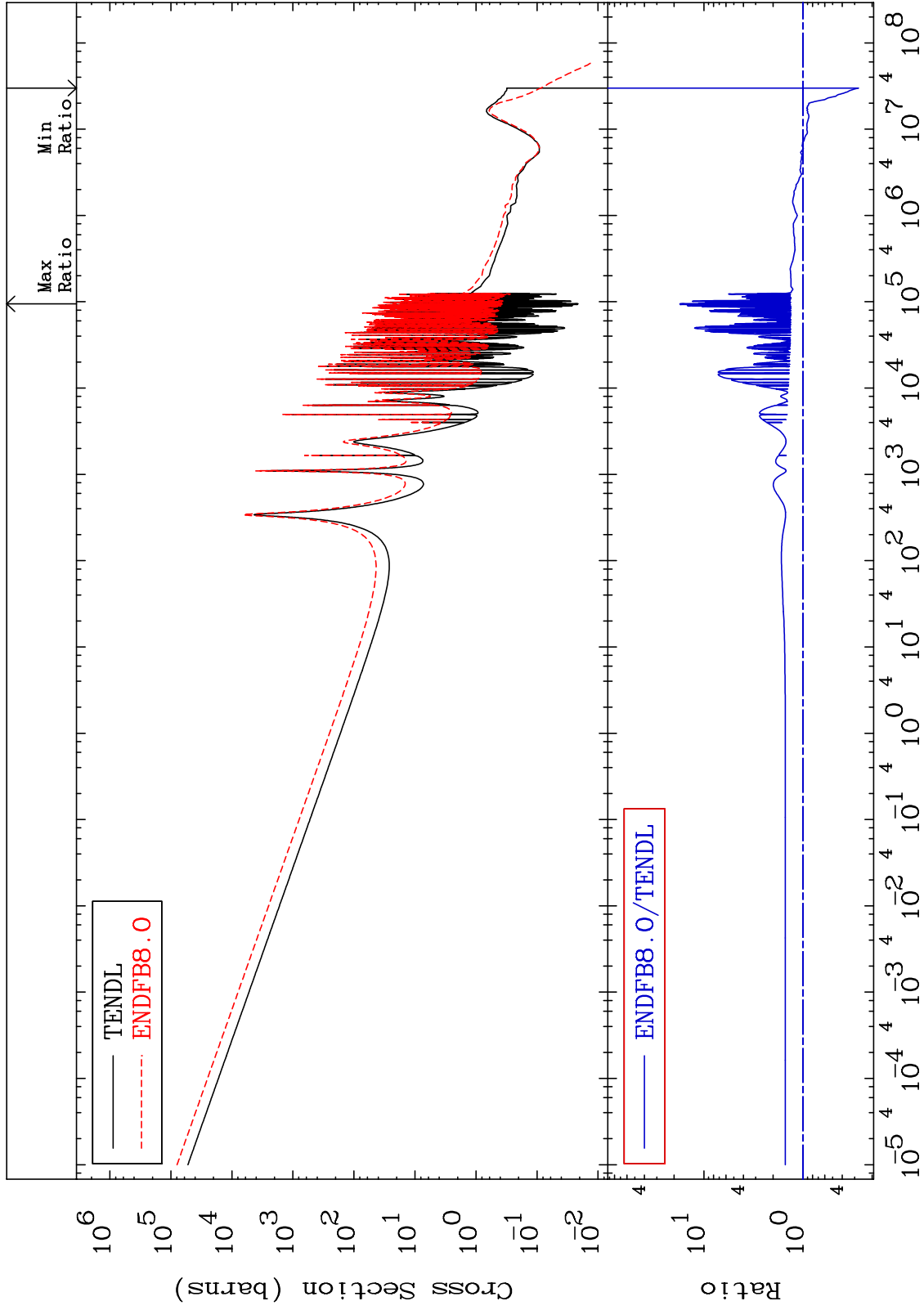
25-Mn-55
-100.0 To 61.43 %



MAT 2525

Kerma capture (mt102)
Cross Section

25-Mn-55
-72.50 To 1645. %



51

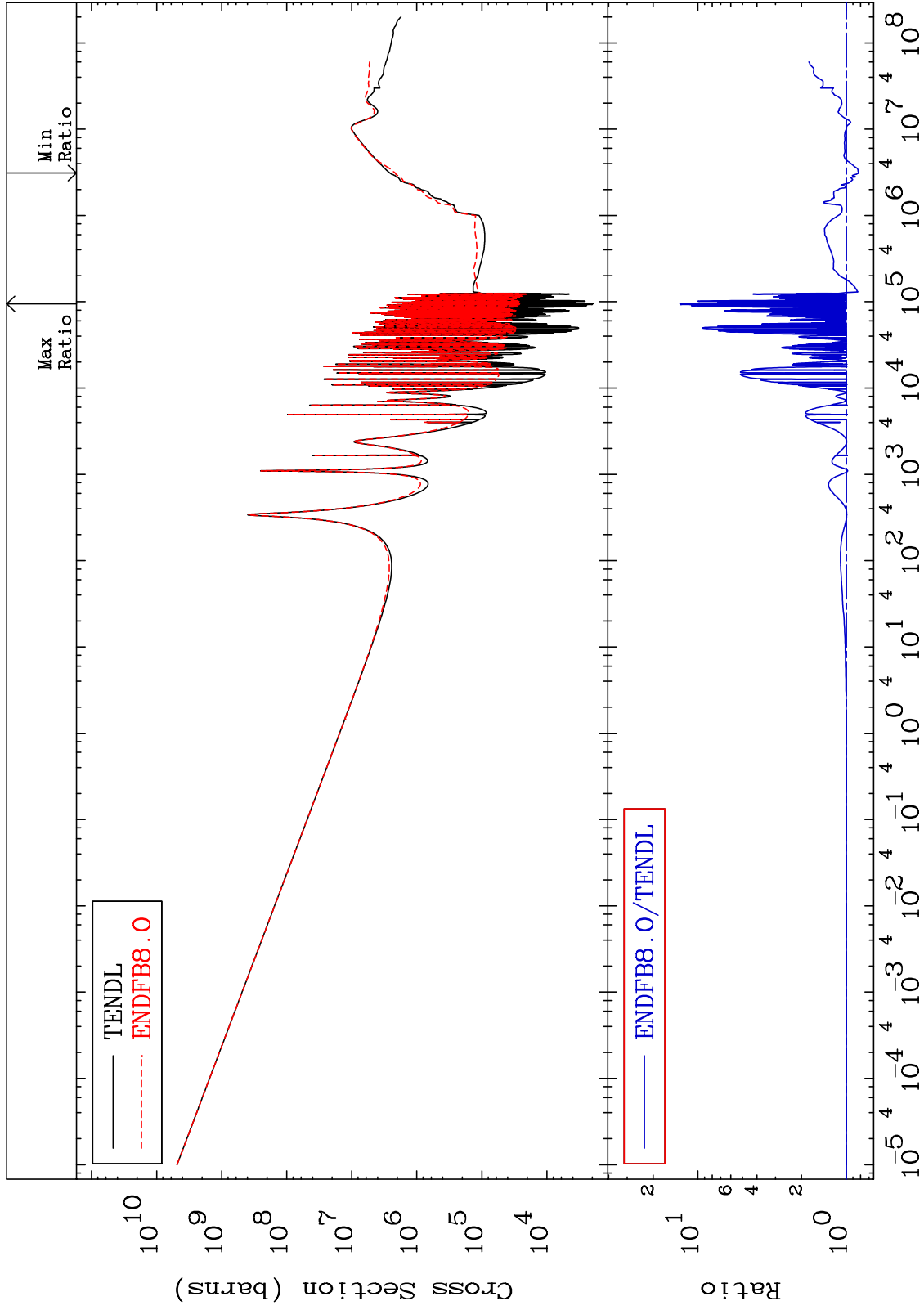
Incident Energy (eV)

25-Mn-55

MAT 2525

Total photon (eV-barns)
Cross Section

25-Mn-55
-17.31 To 1219. %



52

Incident Energy (eV)

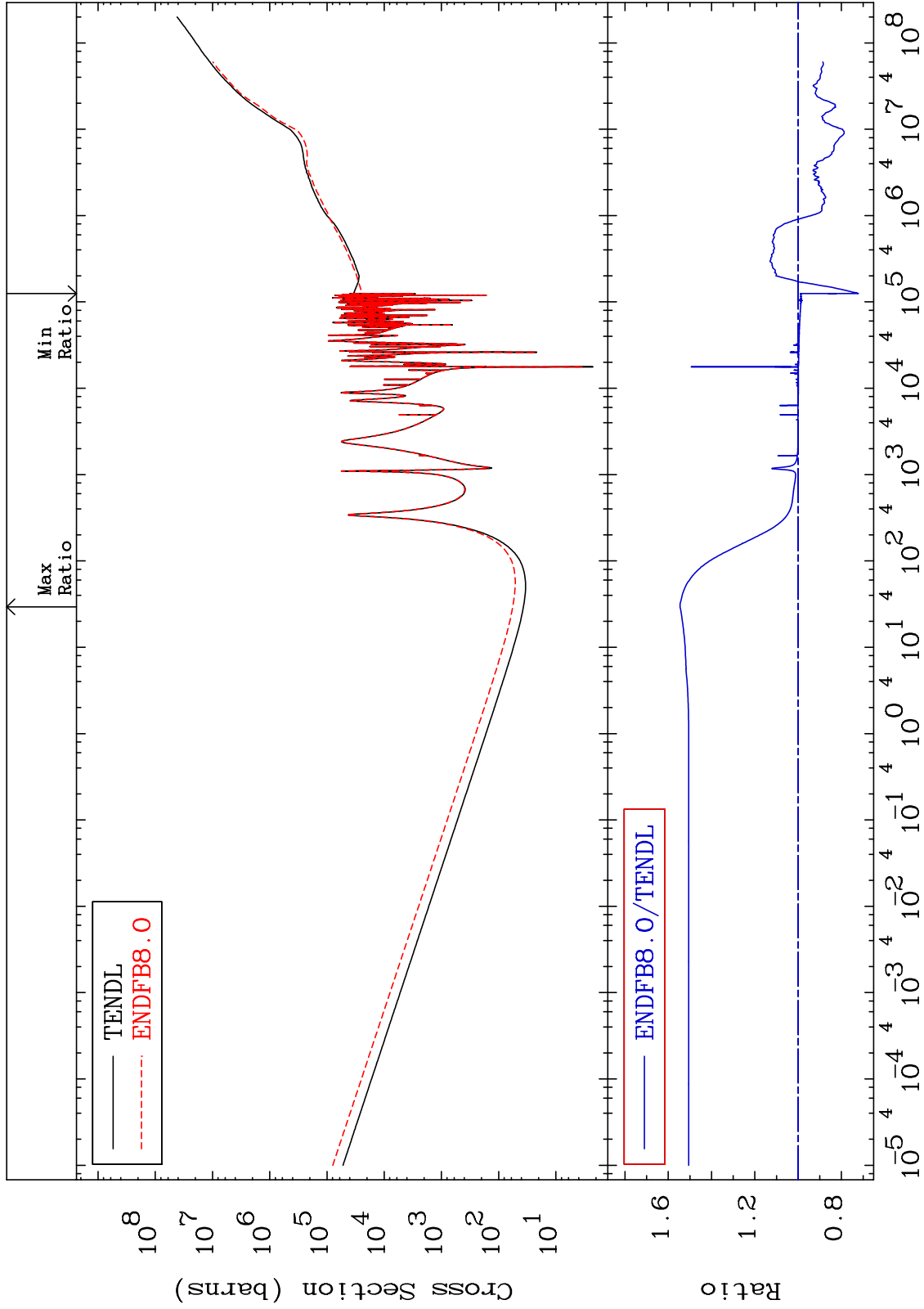
25-Mn-55

MAT 2525

Total kinematic kerma (high limit)
Cross Section

25-Mn-55

-27.84 To 54.56 %



53

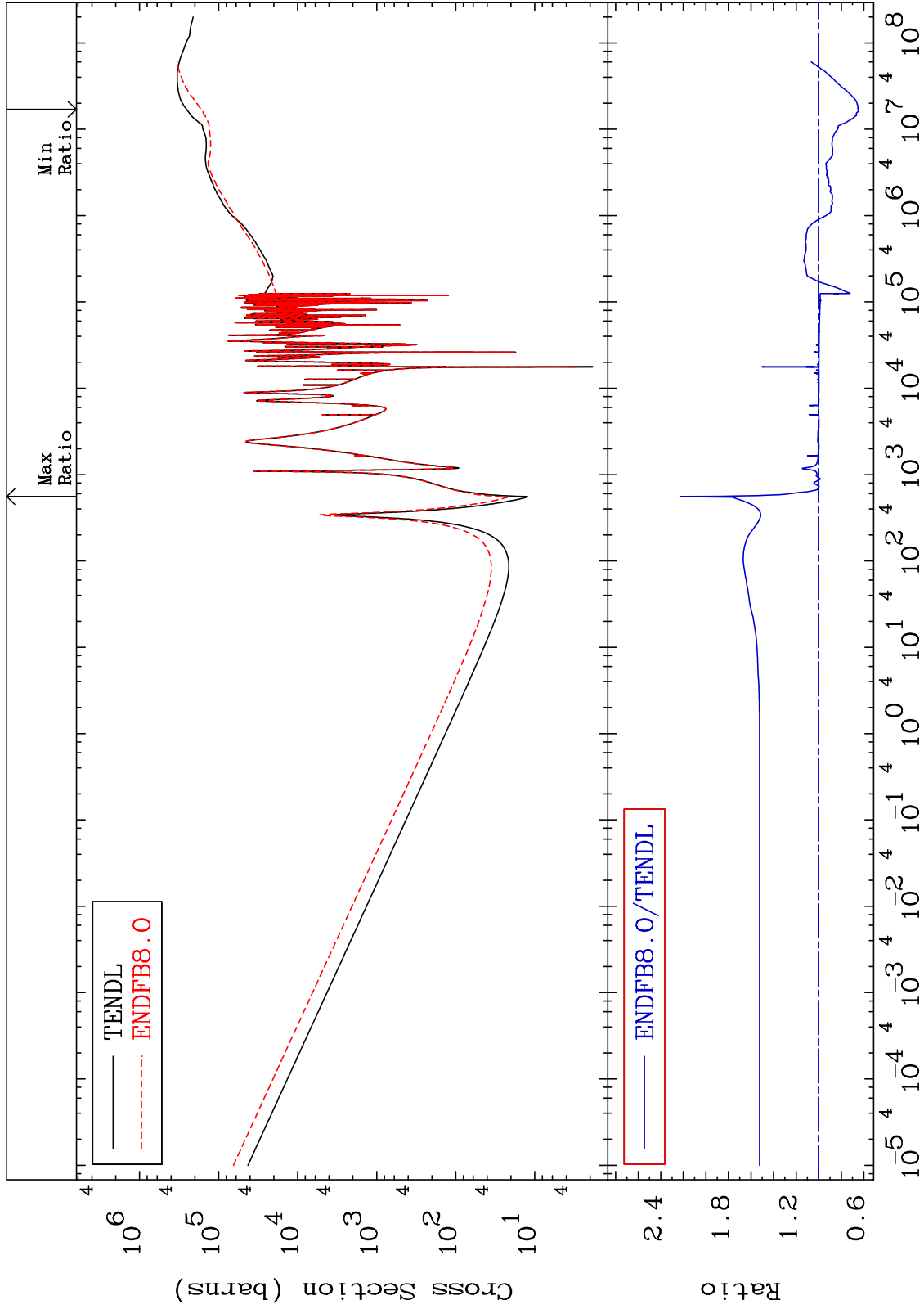
Incident Energy (eV)

25-Mn-55

MAT 2525

Dpa total (eV-barns)
Cross Section

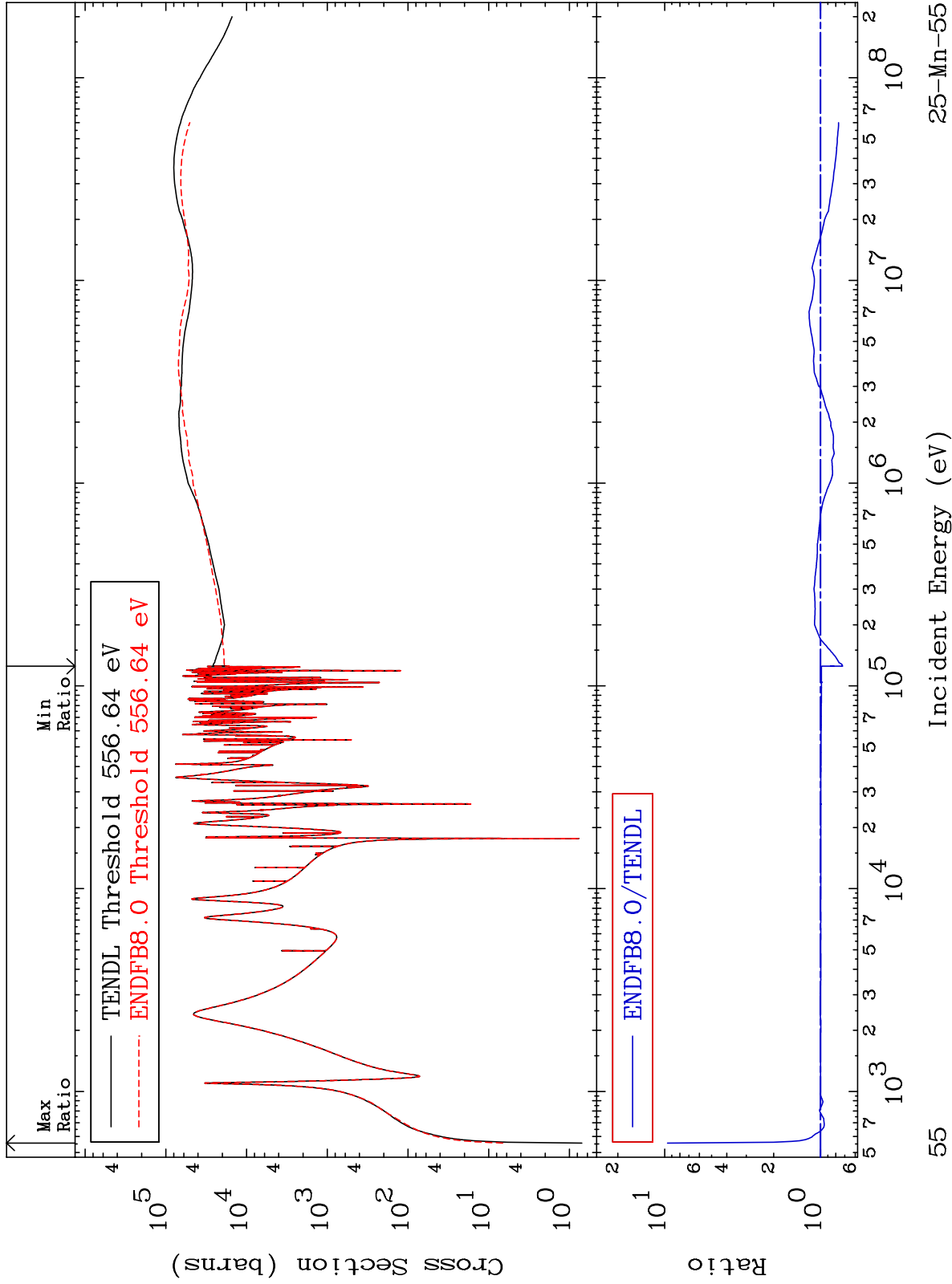
25-Mn-55
-35.22 To 122.9 %



MAT 2525

Dpa elastic (mt2)
Cross Section

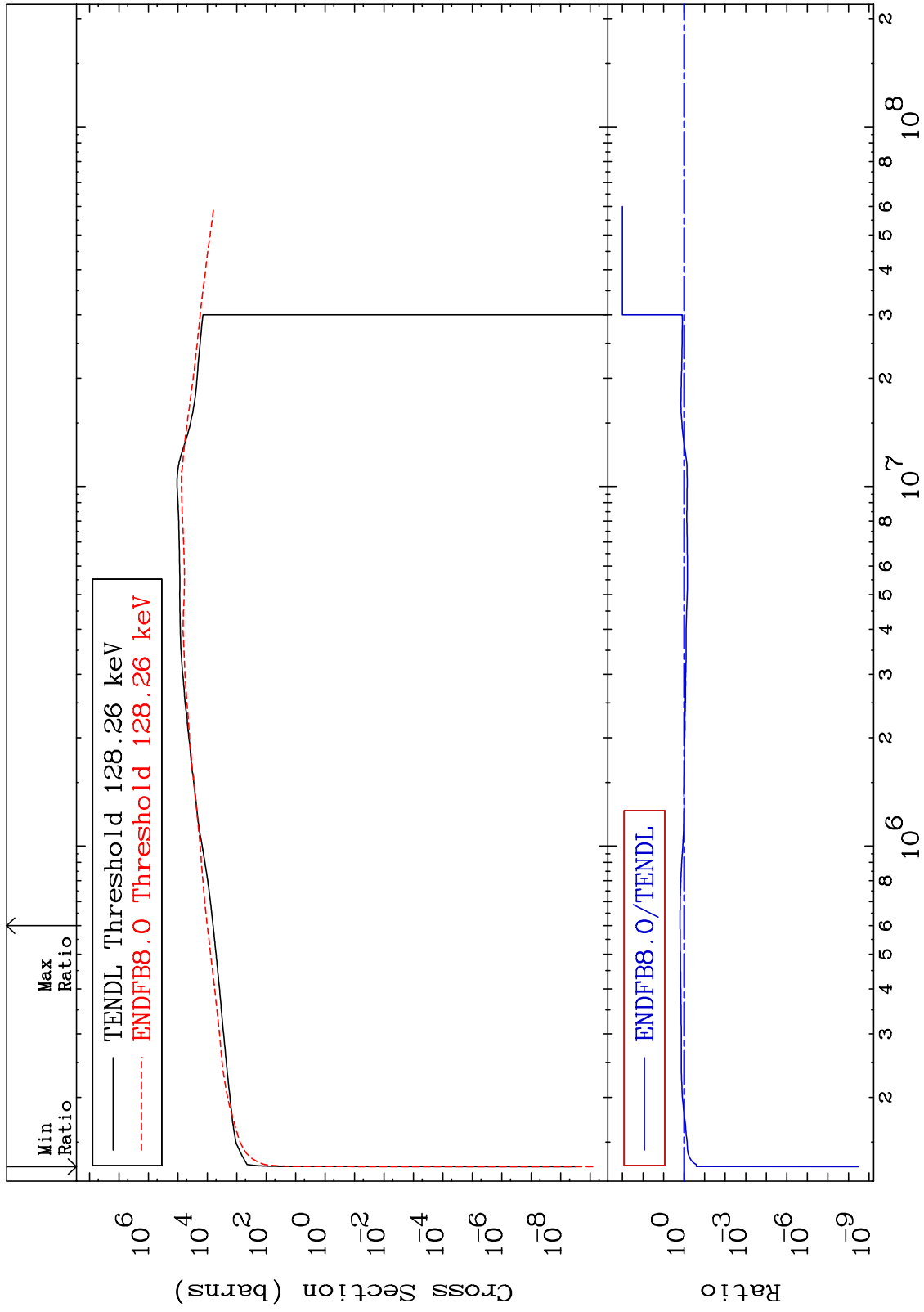
25-Mn-55
-27.80 To 859.1 %



MAT 2525

Dpa inelastic (mt51-91)
Cross Section

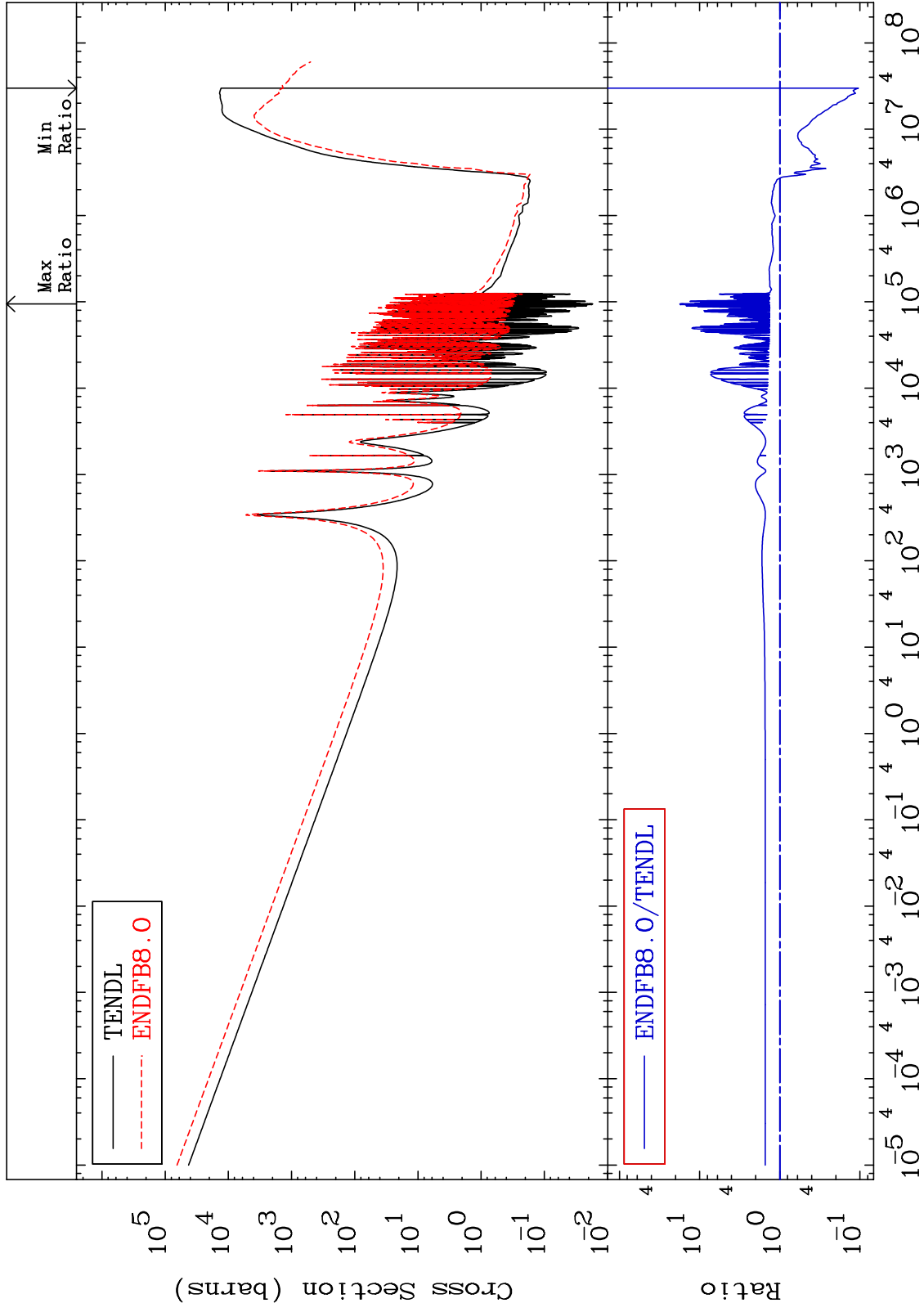
25-Mn-55
-100.0 To 58.07 %



MAT 2525

Dpa disappearance (mt102 -120)
Cross Section

25-Mn-55
-89.56 To 1657. %



— TENDL
- - - ENDFB8.0

— ENDFB8.0/TENDL

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Incident Energy (eV)

25-Mn-55