

Program Complot
(Version 2021-1)

by

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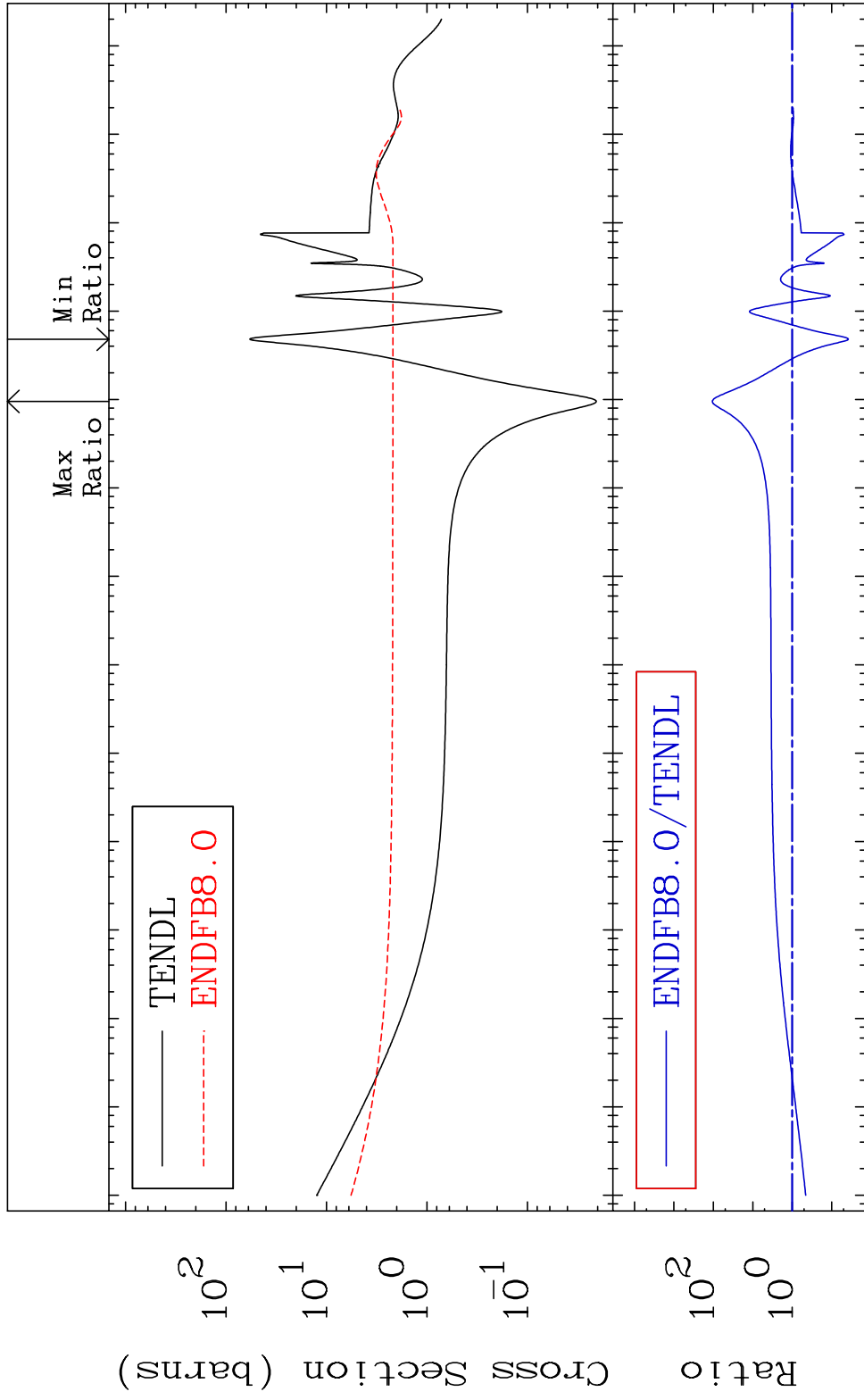
Press Mouse Button to Start

MAT 1637

Total

16-S -36

Cross Section -96.23 To 9999. %



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

1

Incident Energy (eV)

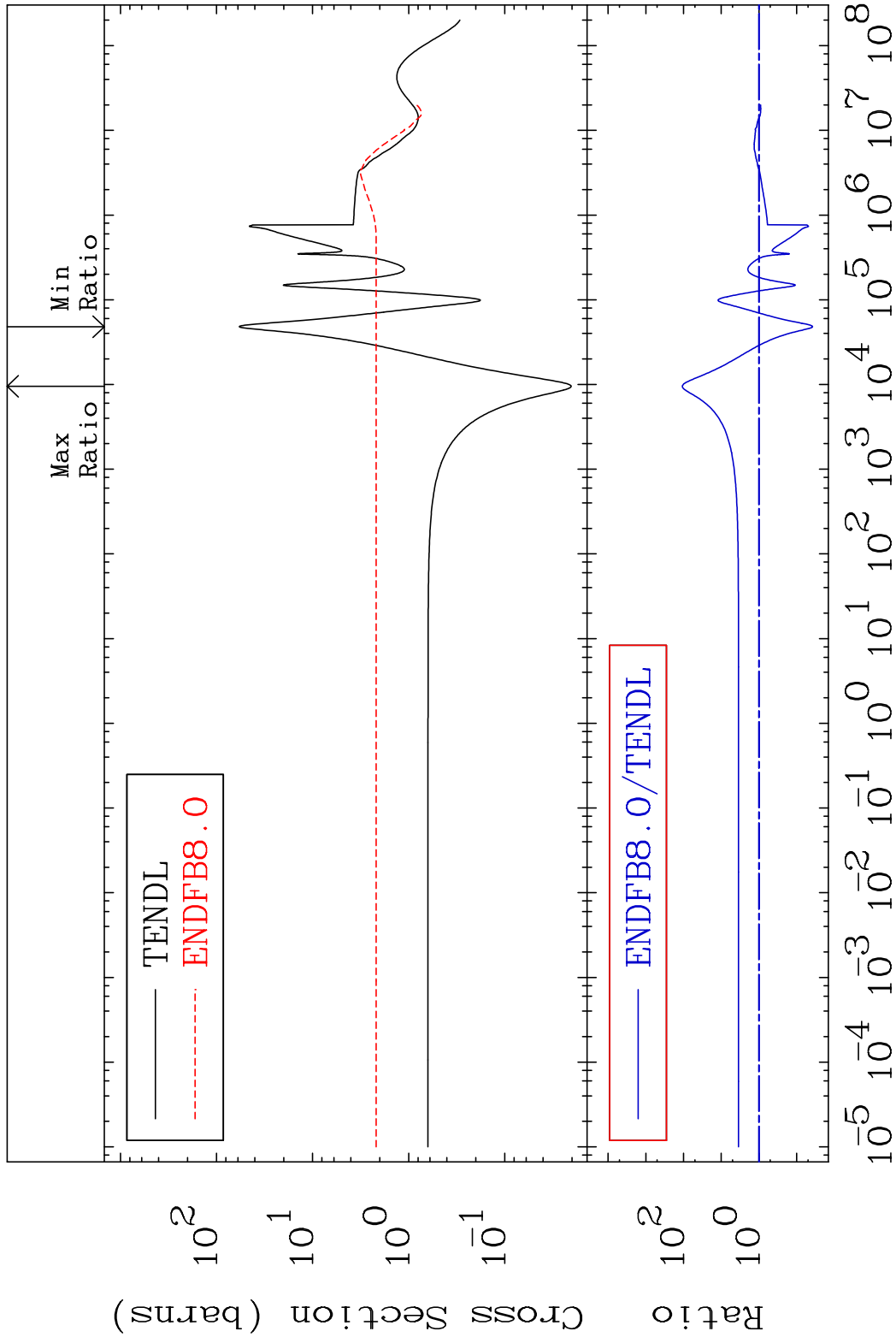
16-S -36

MAT 1637

Elastic

16-S -36

Cross Section -96.23 To 9999. %



2

Incident Energy (eV)

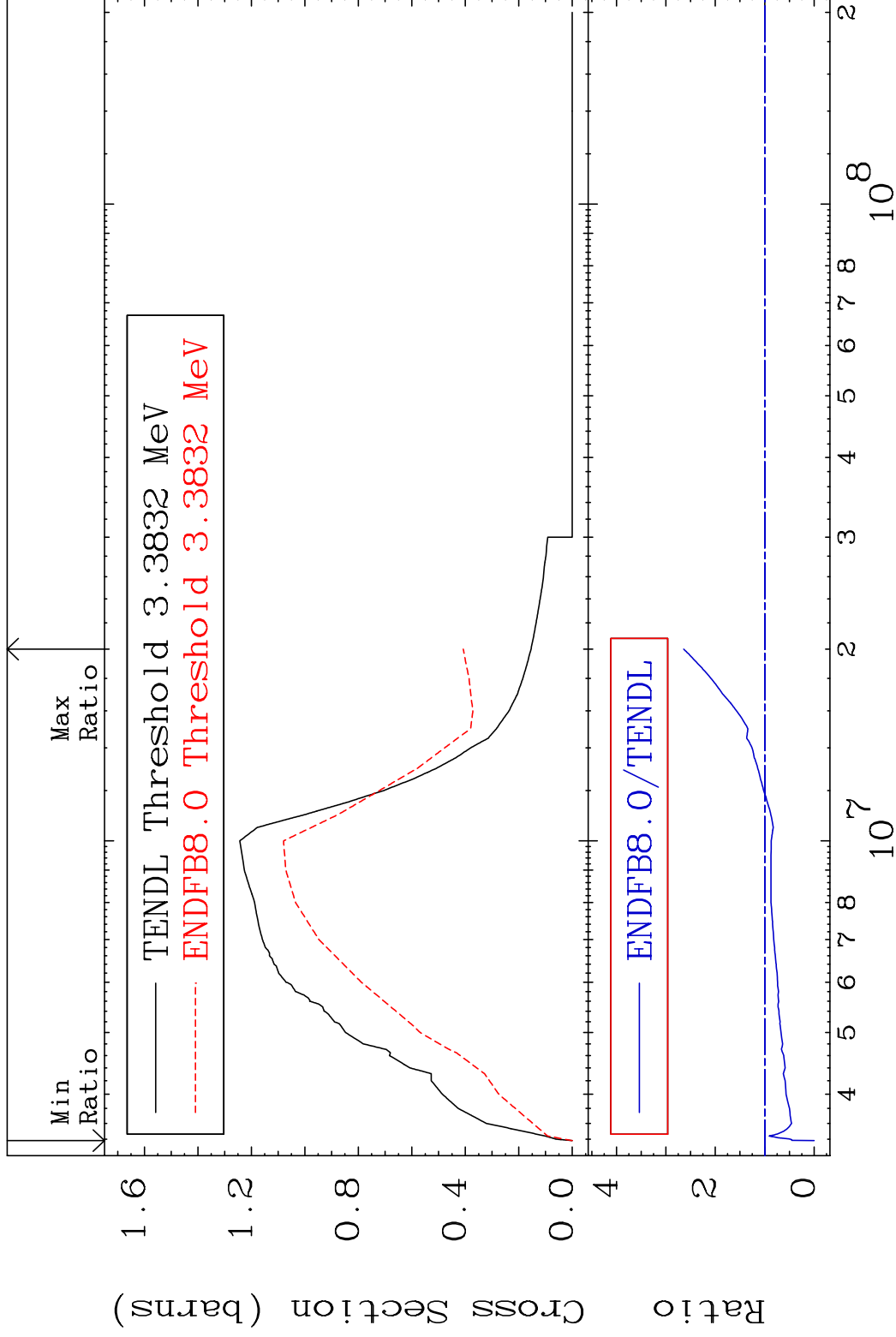
16-S -36

MAT 1637

Inelastic

16-S -36

Cross Section -100.0 To 164.0 %



3

Incident Energy (eV)

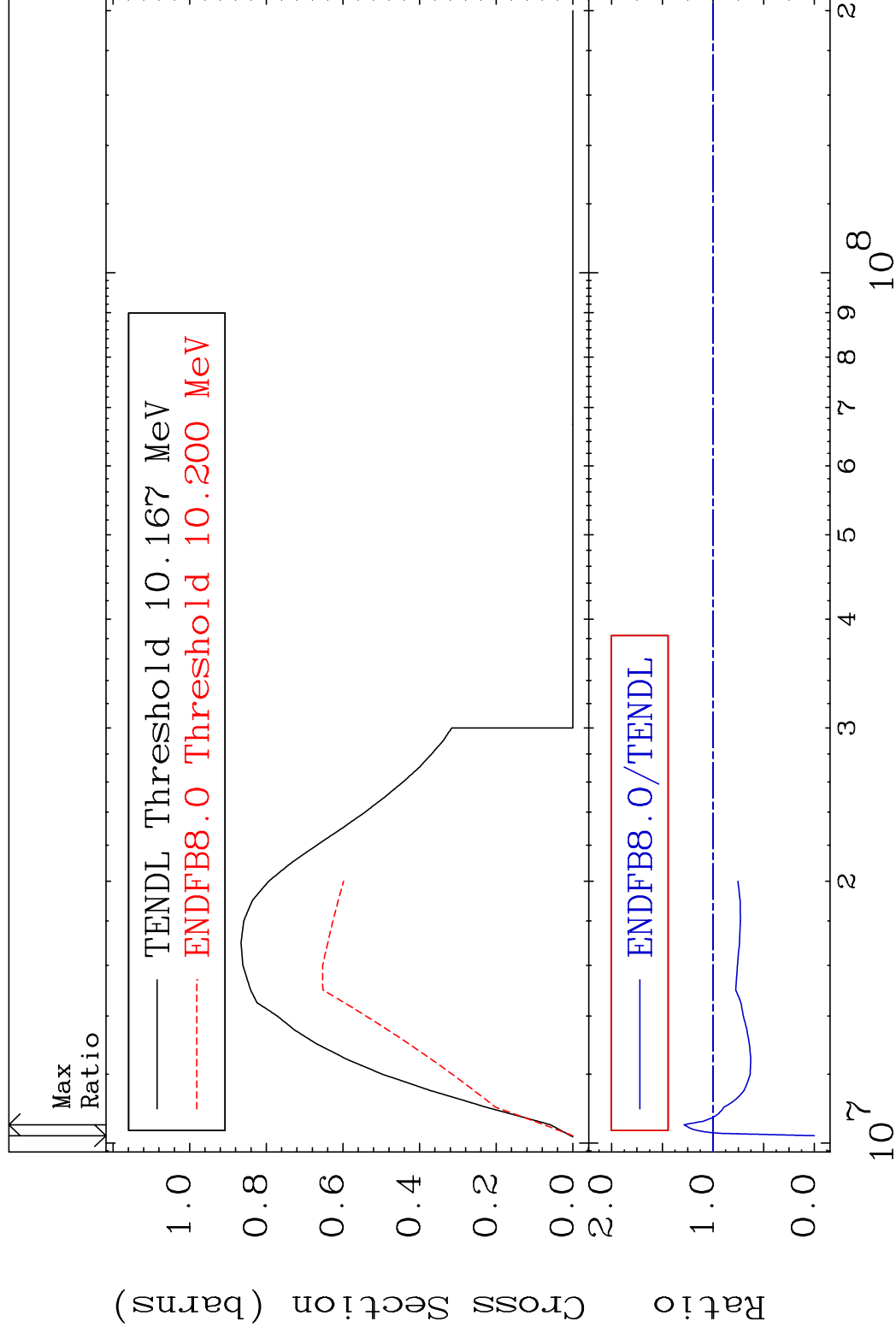
16-S -36

MAT 1637

(n,2n)

16-S -36

Cross Section -100.0 To 28.53 %



4

Incident Energy (eV)

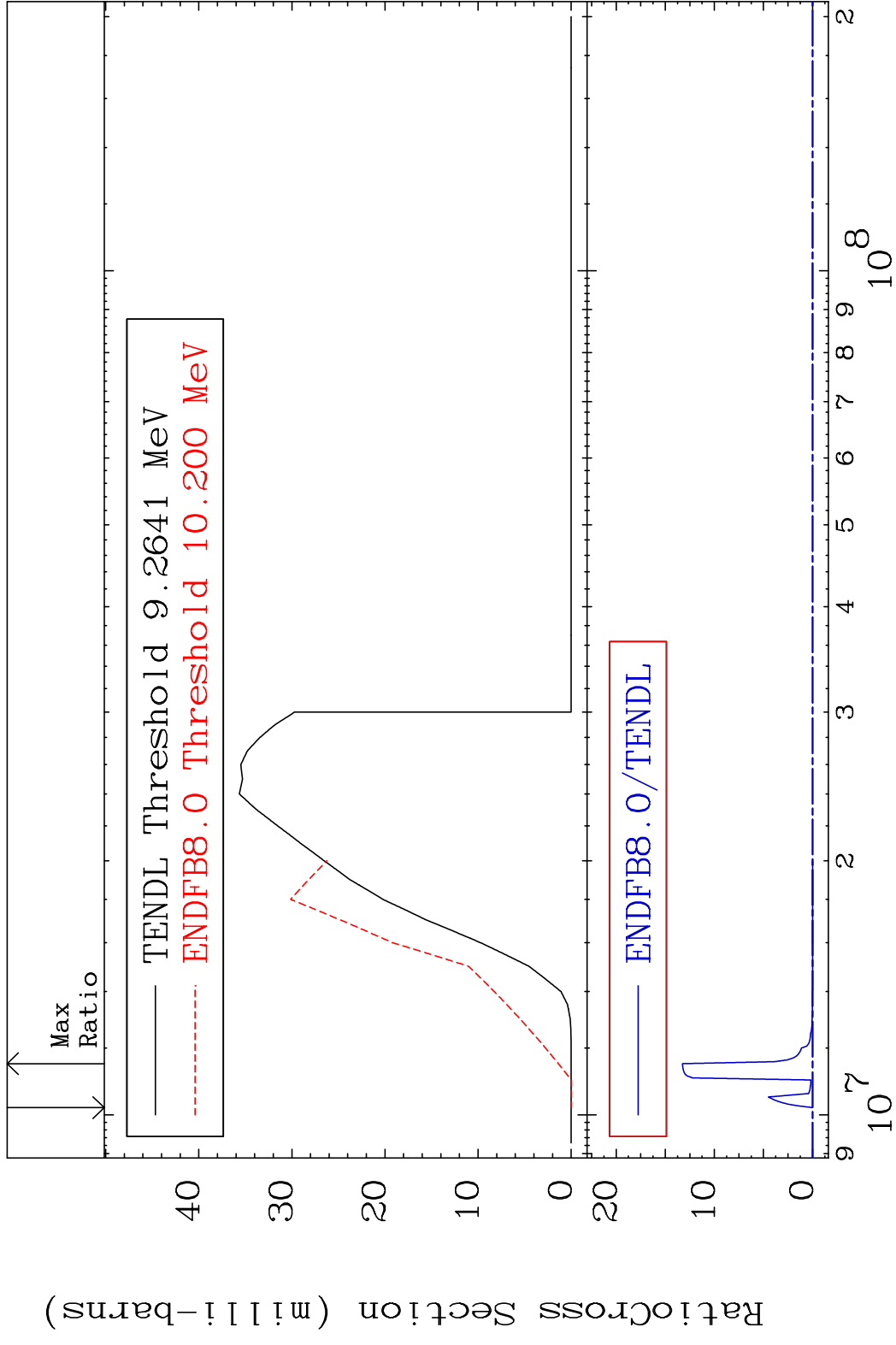
16-S -36

MAT 1637

(n, n') α

16-S -36

Cross Section -100.0 To 9999. %



5

Incident Energy (eV)

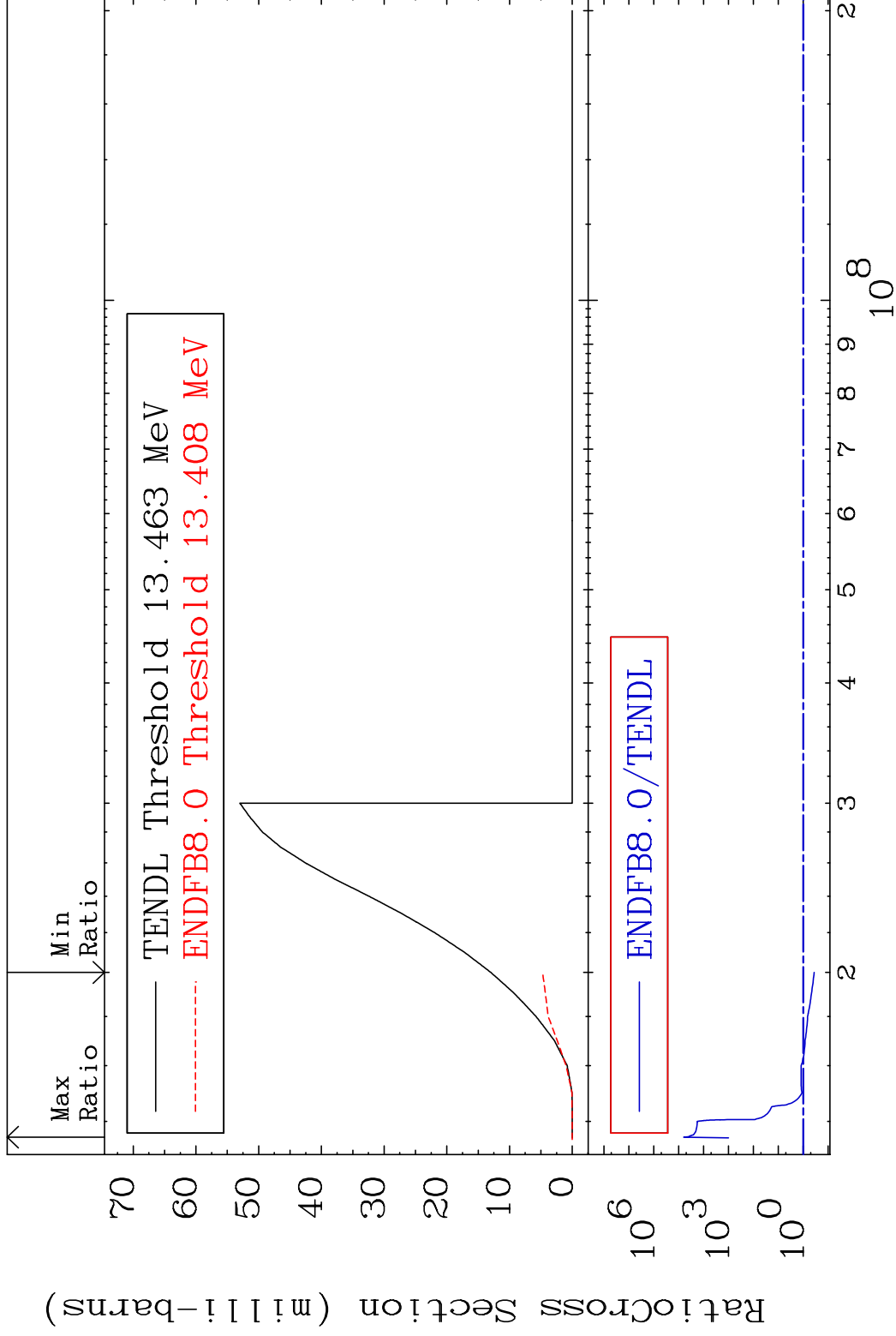
16-S -36

MAT 1637

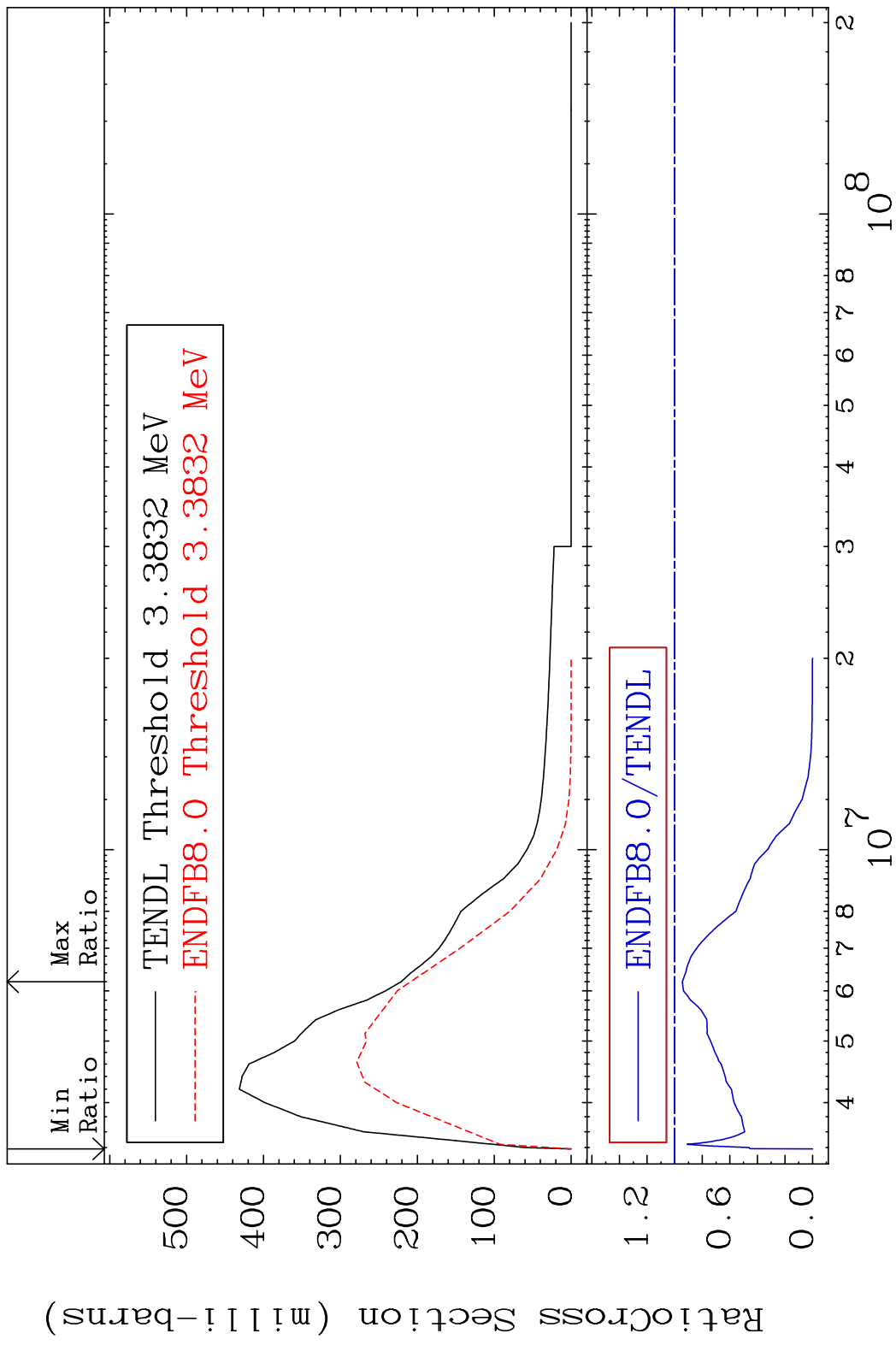
(n, n') p

16-S -36

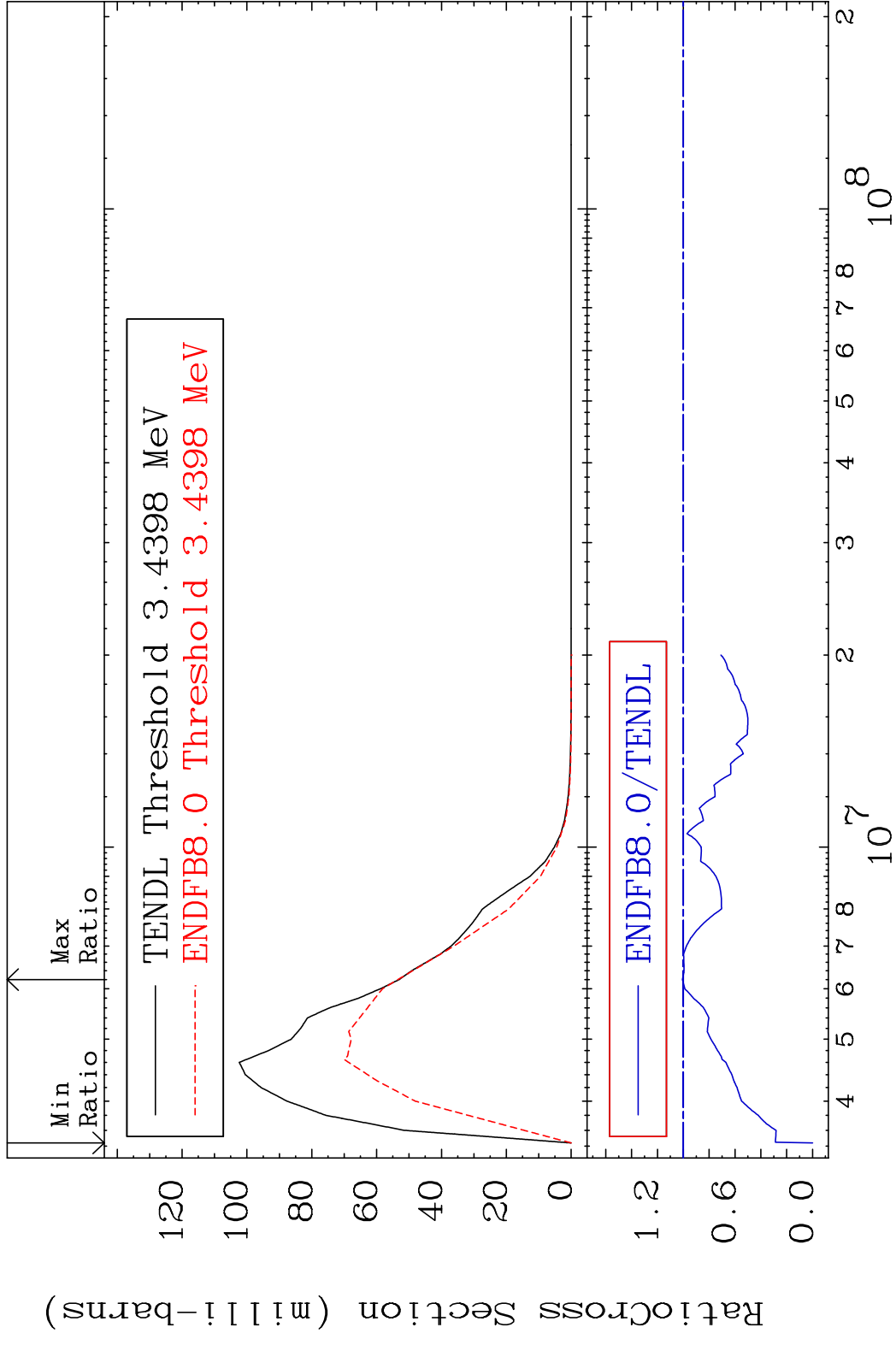
Cross Section -63.53 To 9999. %



MAT 1637 MT= 51 (n,n') Level 16-S -36
 Cross Section -100.0 To -5.581%



MAT 1637 MT= 52 (n,n') Level 16-S -36
 Cross Section -100.0 To 0.732 %

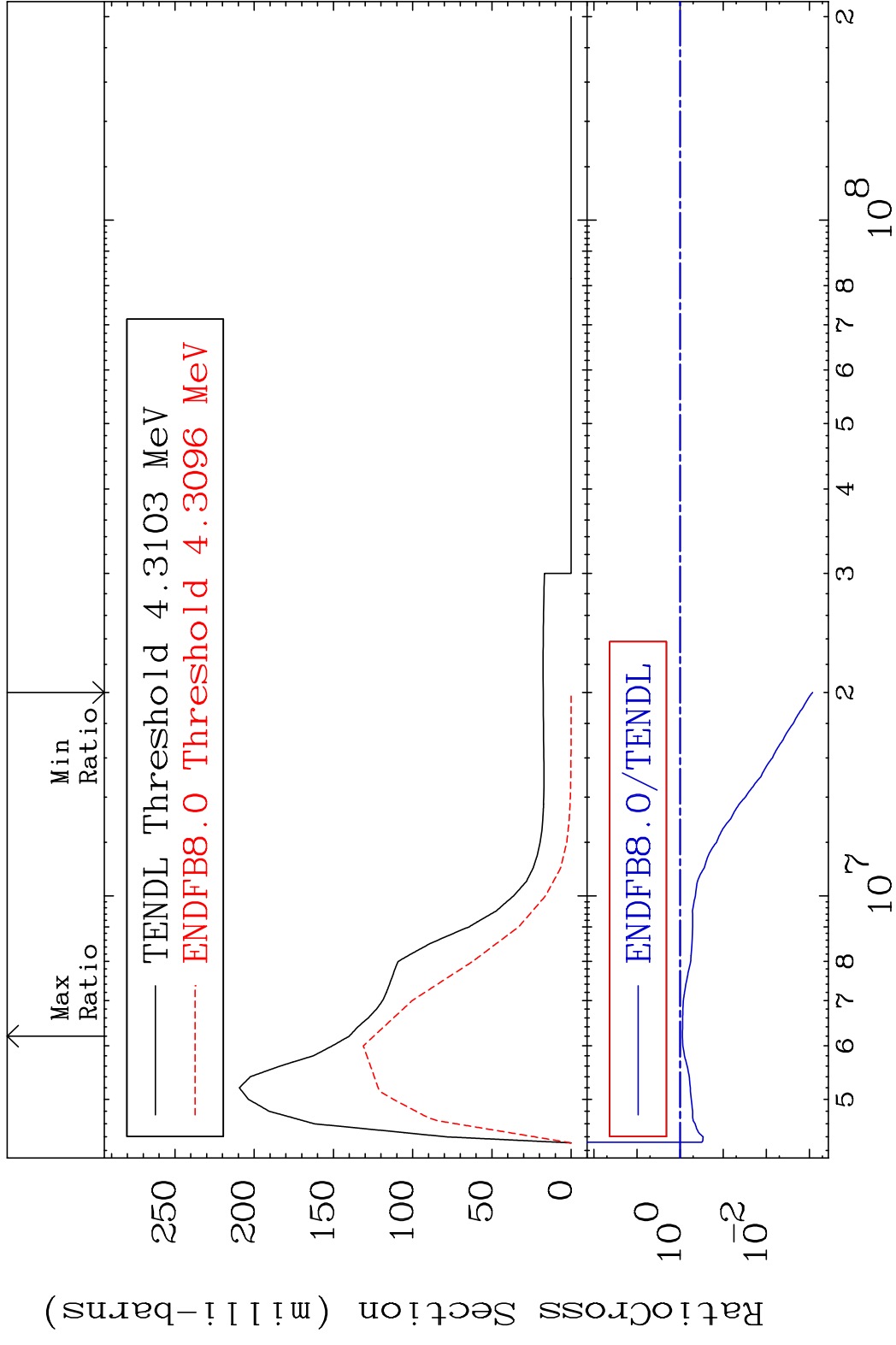


MAT 1637

MT= 53 (n, n') Level

16-S -36

Cross Section -99.91 To -11.04%

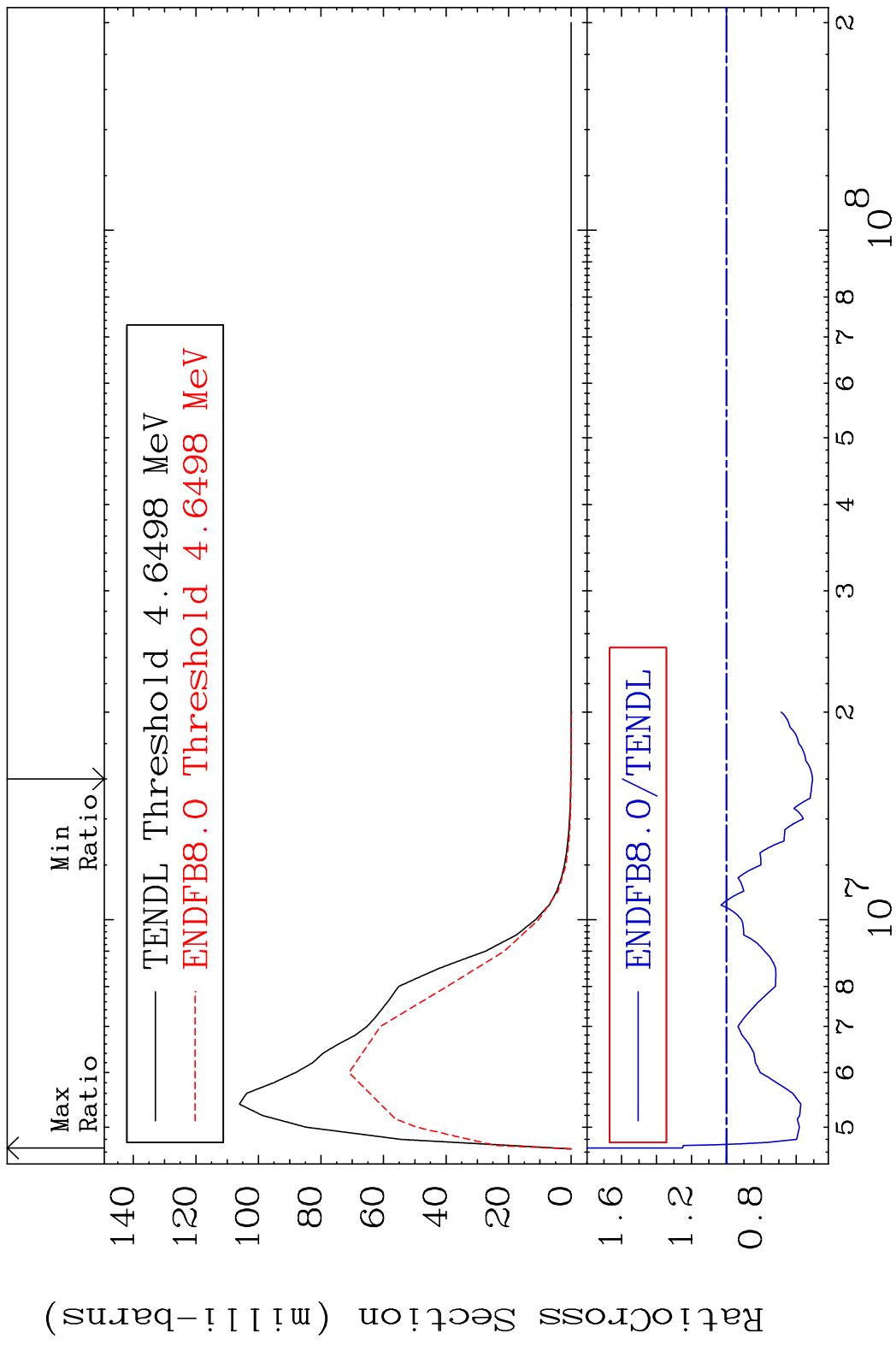


9

Incident Energy (eV)

16-S -36

MAT 1637 MT= 54 (n,n') Level 16-S -36
 Cross Section -49.30 To 25.19 %



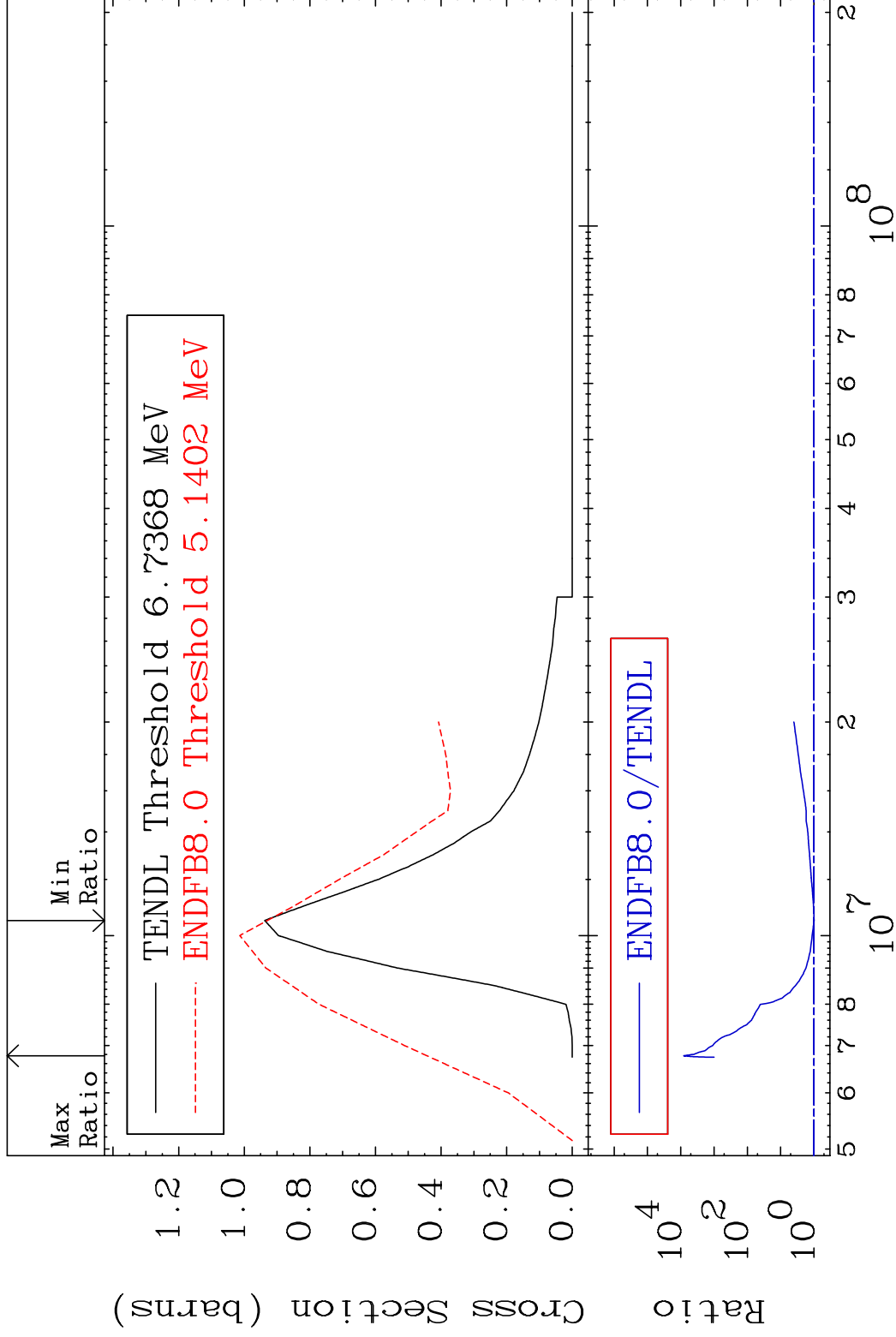
10 16-S -36

MAT 1637

(n,n') Continuum

16-S -36

Cross Section -0.888 To 9999. %



12

Incident Energy (eV)

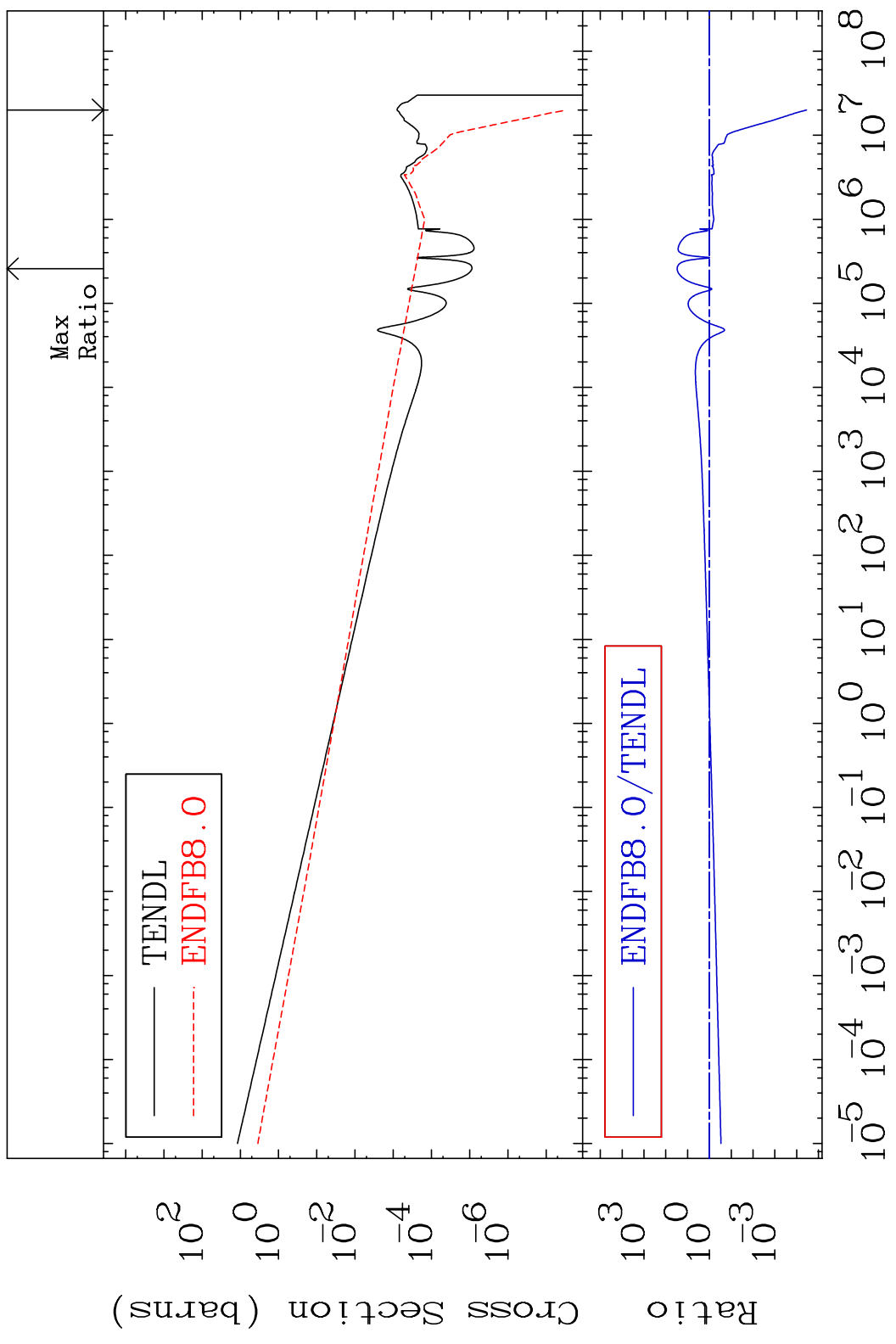
16-S -36

MAT 1637

(n, γ)

16-S -36

Cross Section -100.0 To 2899. %



13

Incident Energy (eV)

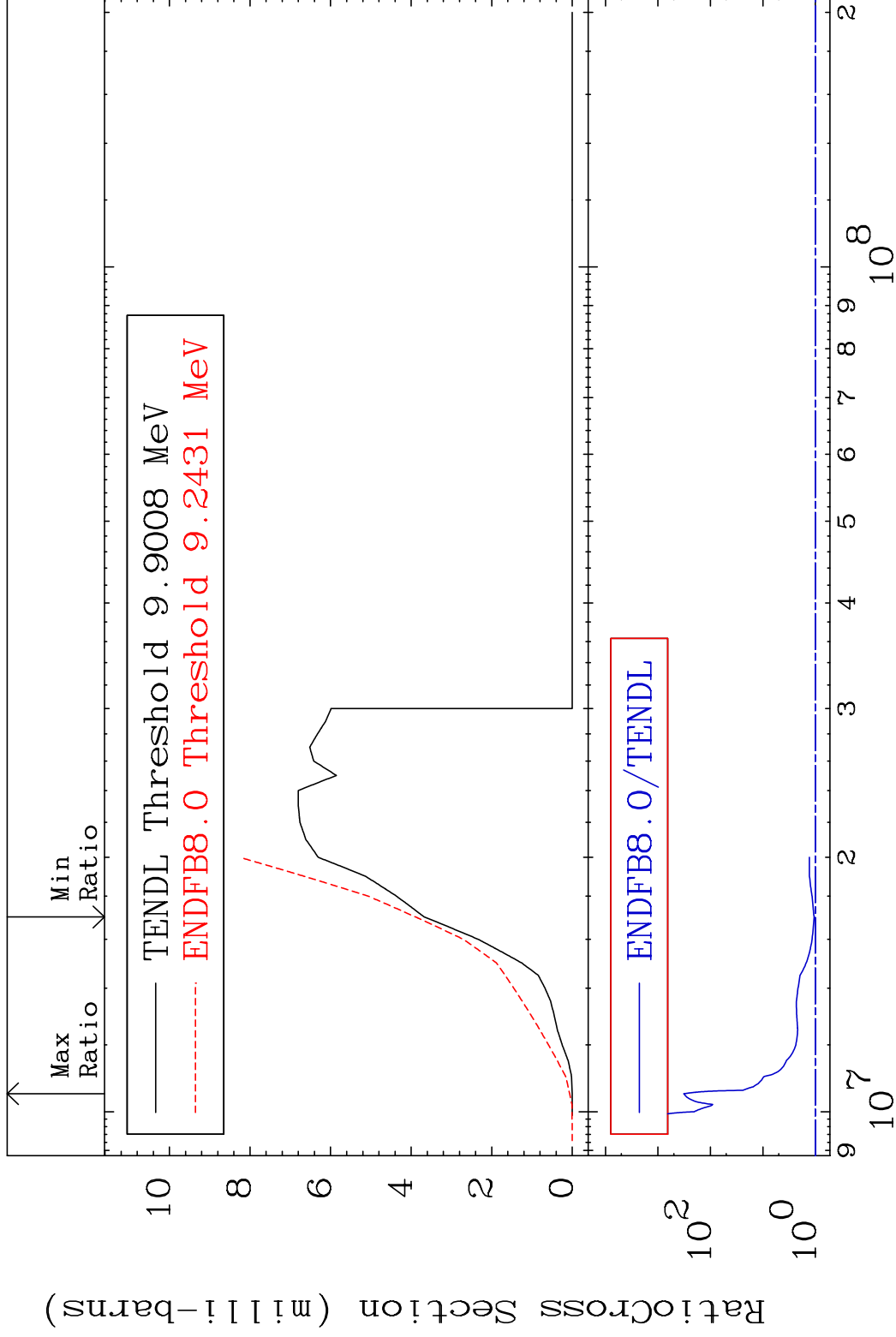
16-S -36

MAT 1637

(n,p)

16-S -36

Cross Section 5.851 To 9999. %

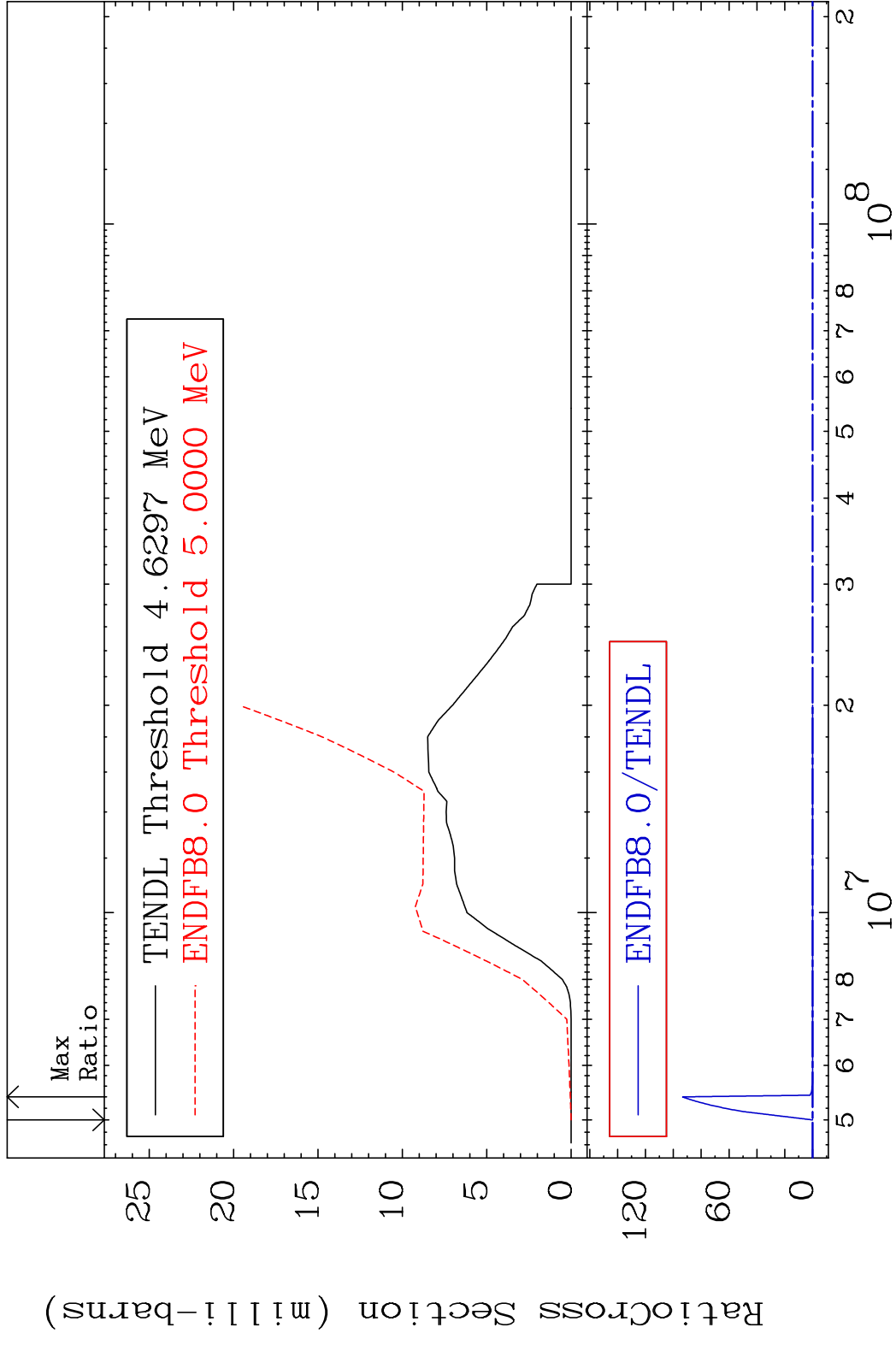


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Incident Energy (eV)

16-S -36

MAT 1637 (n, α) 16-S -36
 Cross Section -100.0 To 9999. %

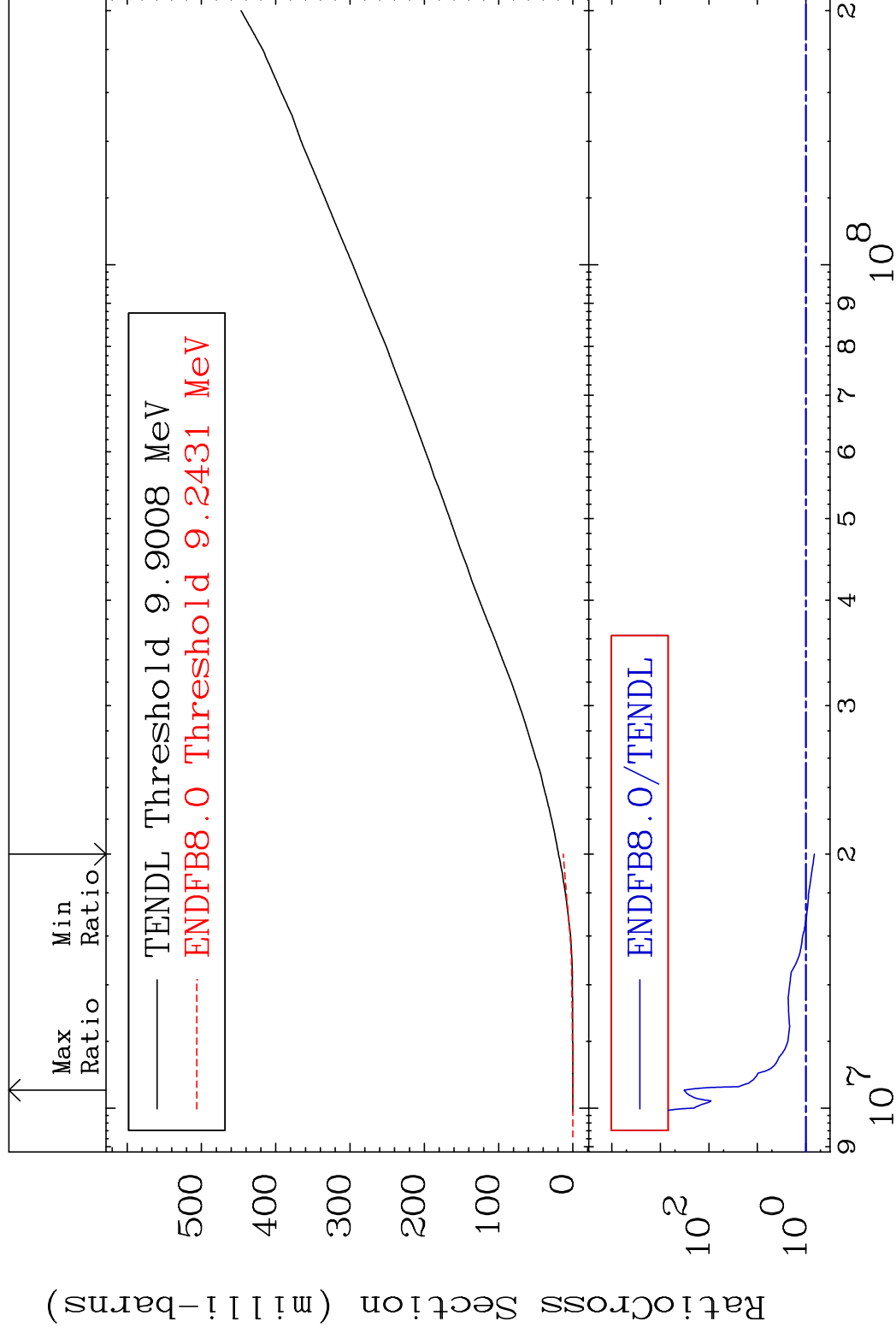


MAT 1637

Hydrogen Production

16-S -36

Cross Section -32.67 To 9999. %

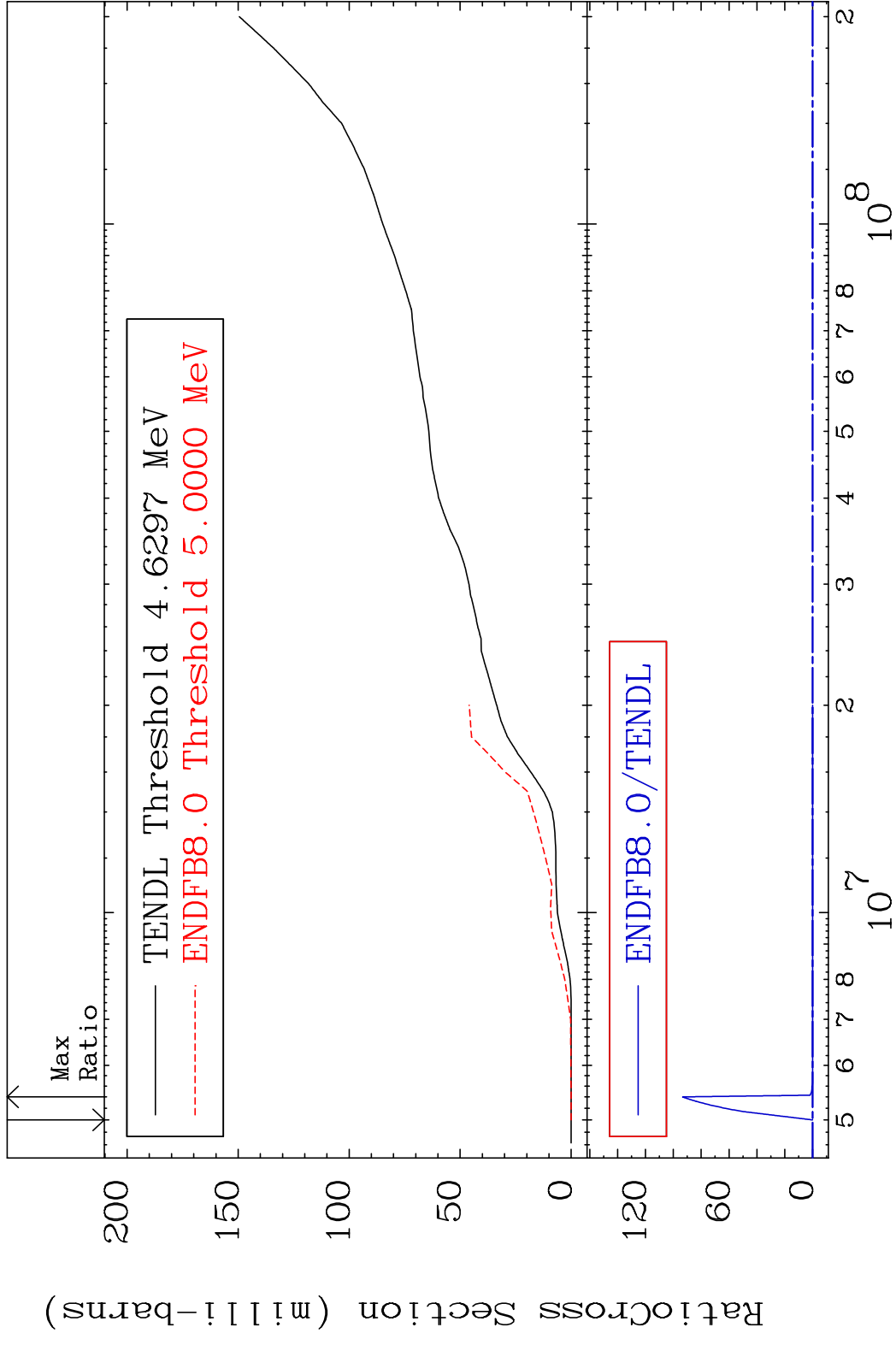


16

Incident Energy (eV)

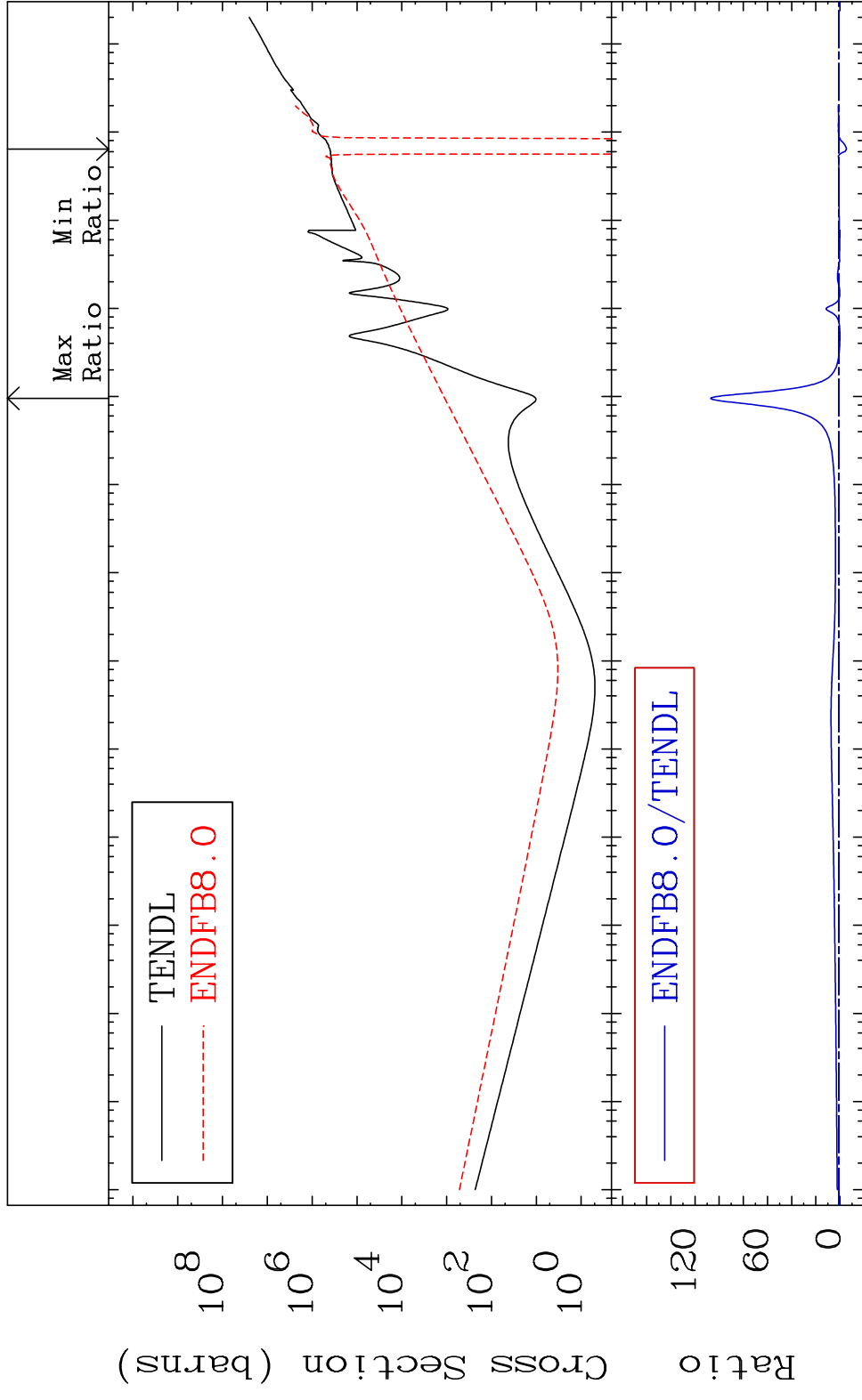
16-S -36

MAT 1637 He-4 Production 16-S -36
 Cross Section -100.0 To 9999. %



17 16-S -36

MAT 1637 Kerma total (eV-barns) 16-S -36
 Cross Section -627.4 To 9999. %

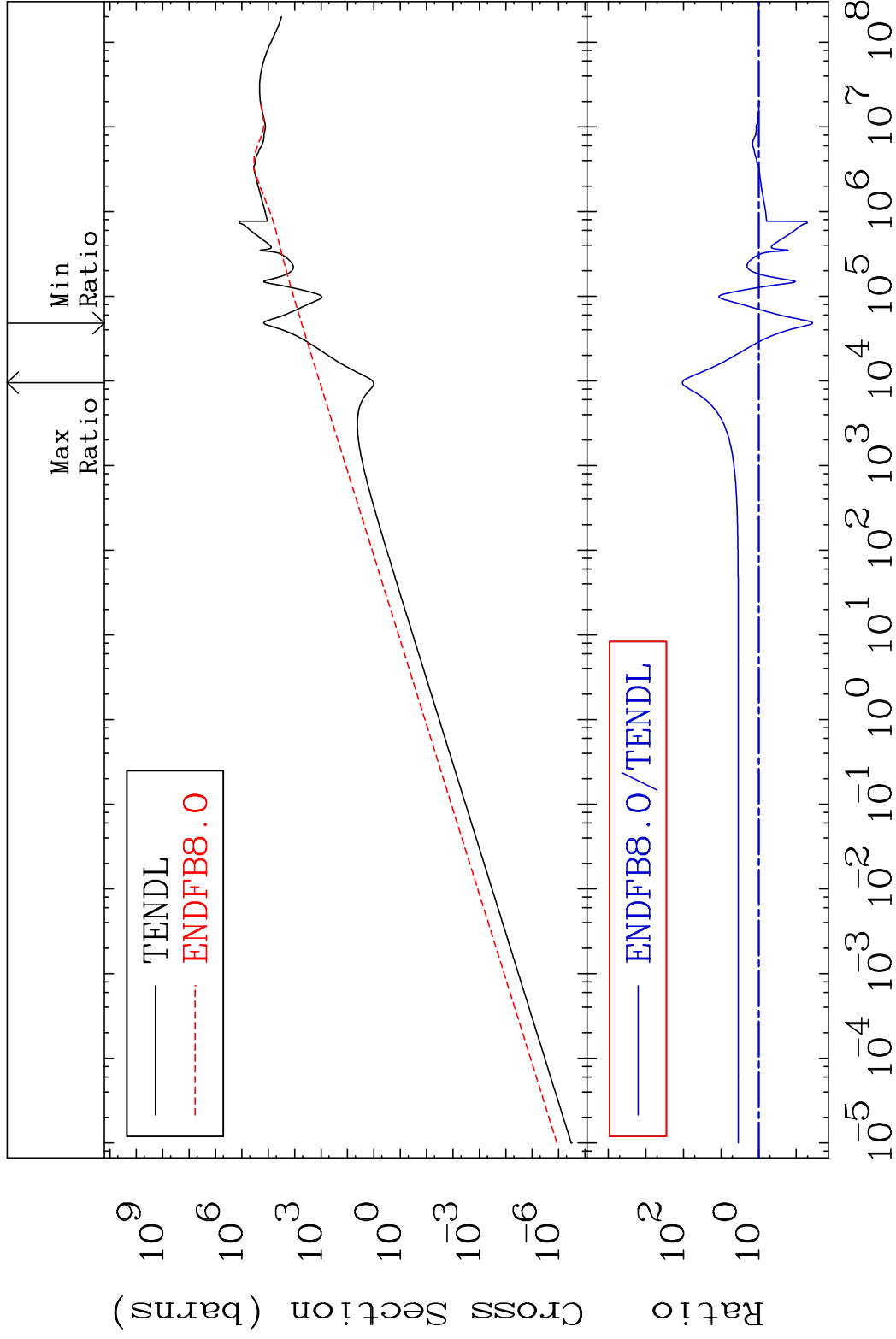


18 Incident Energy (eV) 16-S -36

MAT 1637

Kerma elastic
Cross Section

16-S -36
-96.31 To 9999. %

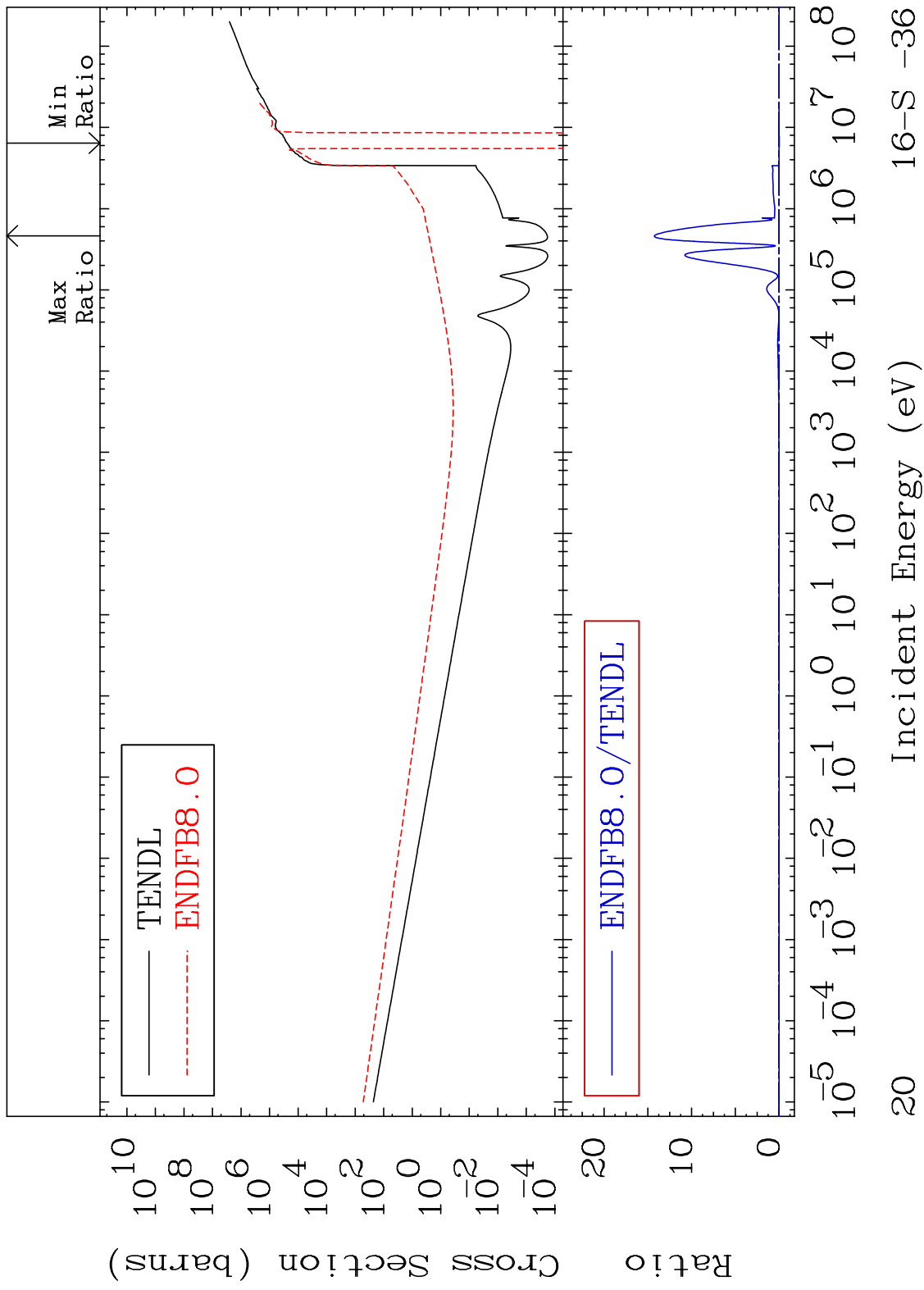


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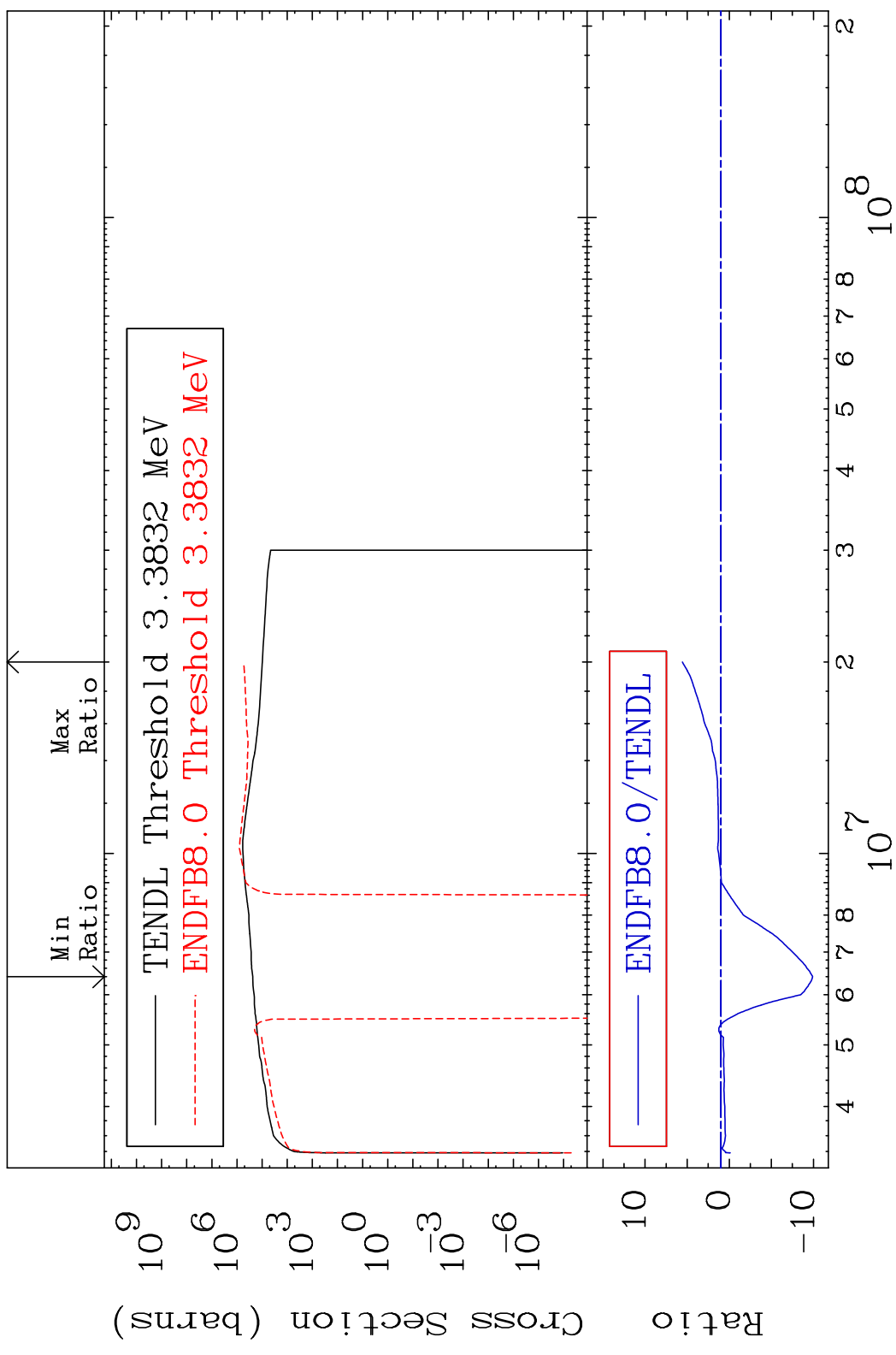
Incident Energy (eV)

16-S -36

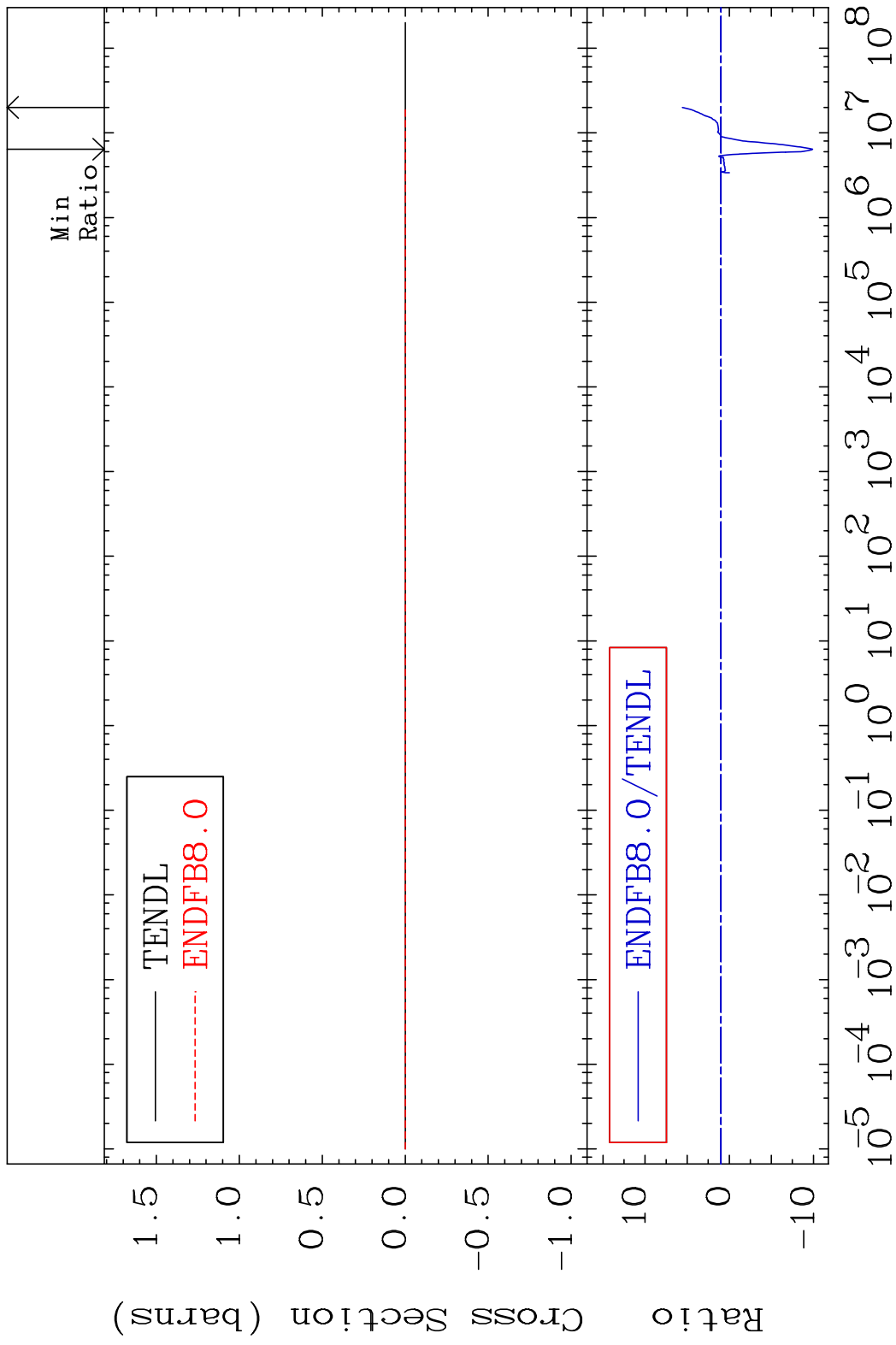
MAT 1637 Kerma non-elastic (all but mt2) 16-S -36
 Cross Section -1089. To 9999. %



16-S -36

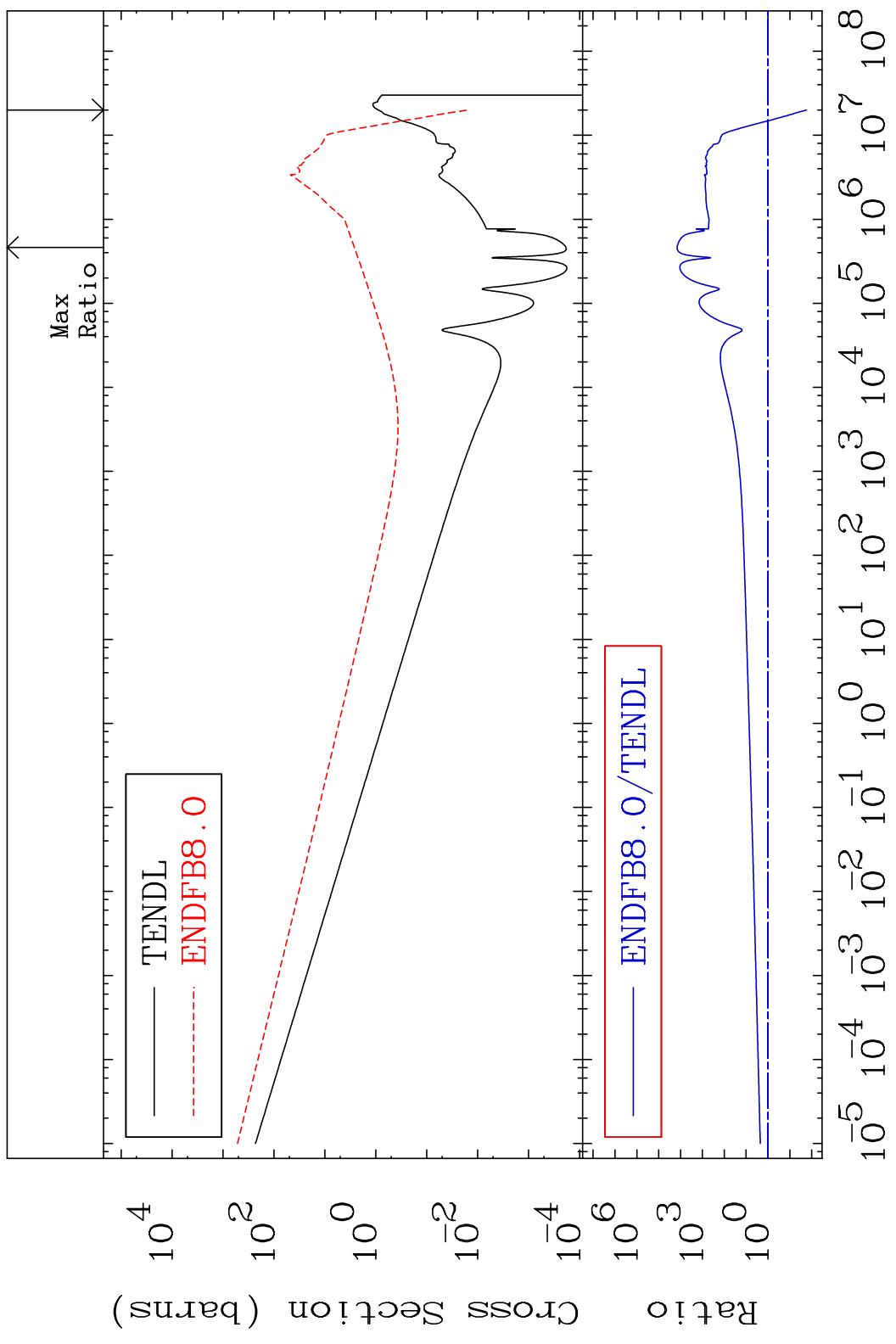


MAT 1637 Kerma fission (mt18 or mt19-20-21-38) 16-S -36
 Cross Section -1090. To 457.2 %



MAT 1637

Kerma capture (mt102) 16-S -36
Cross Section -98.25 To 9999. %

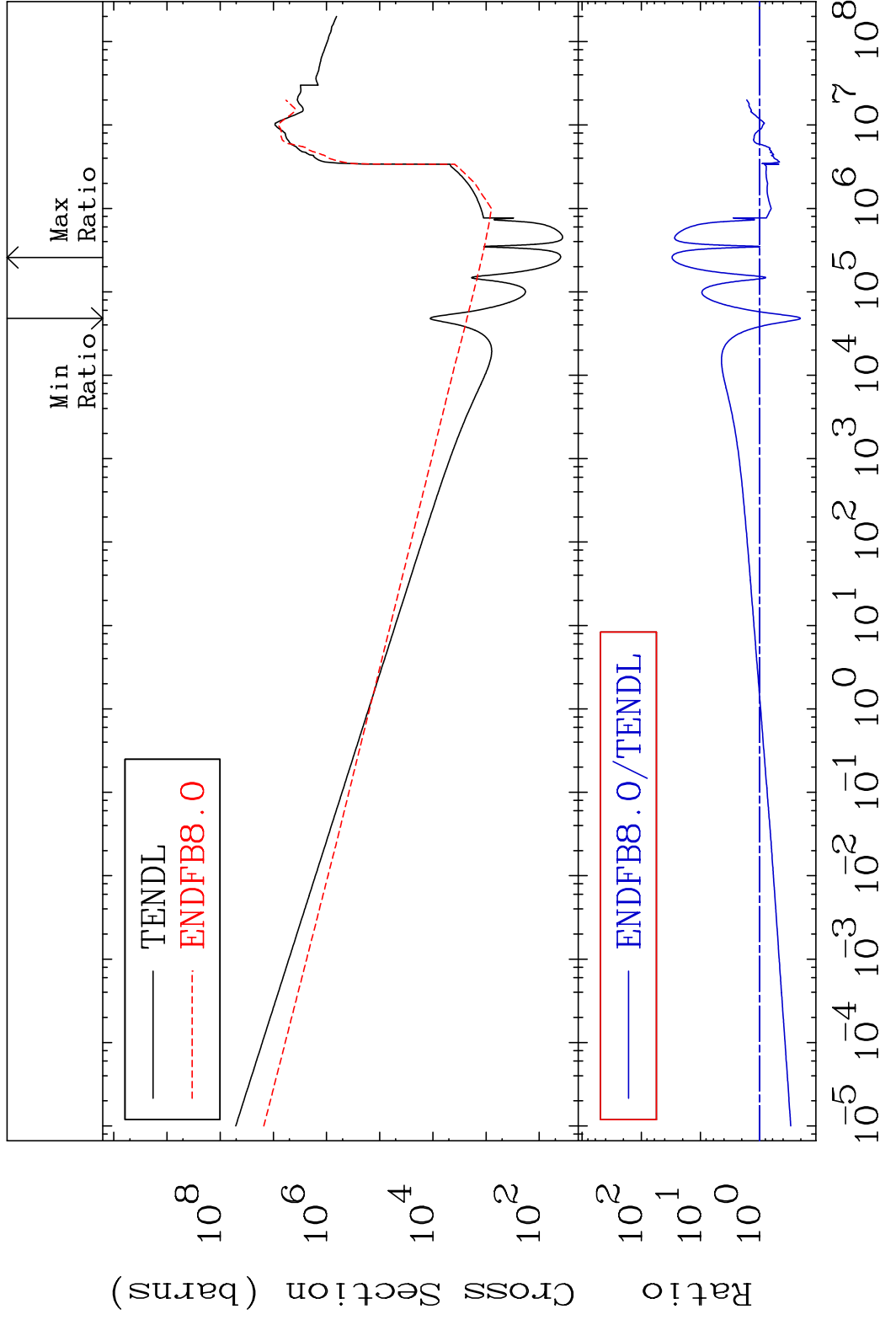


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Incident Energy (eV) 16-S -36

MAT 1637

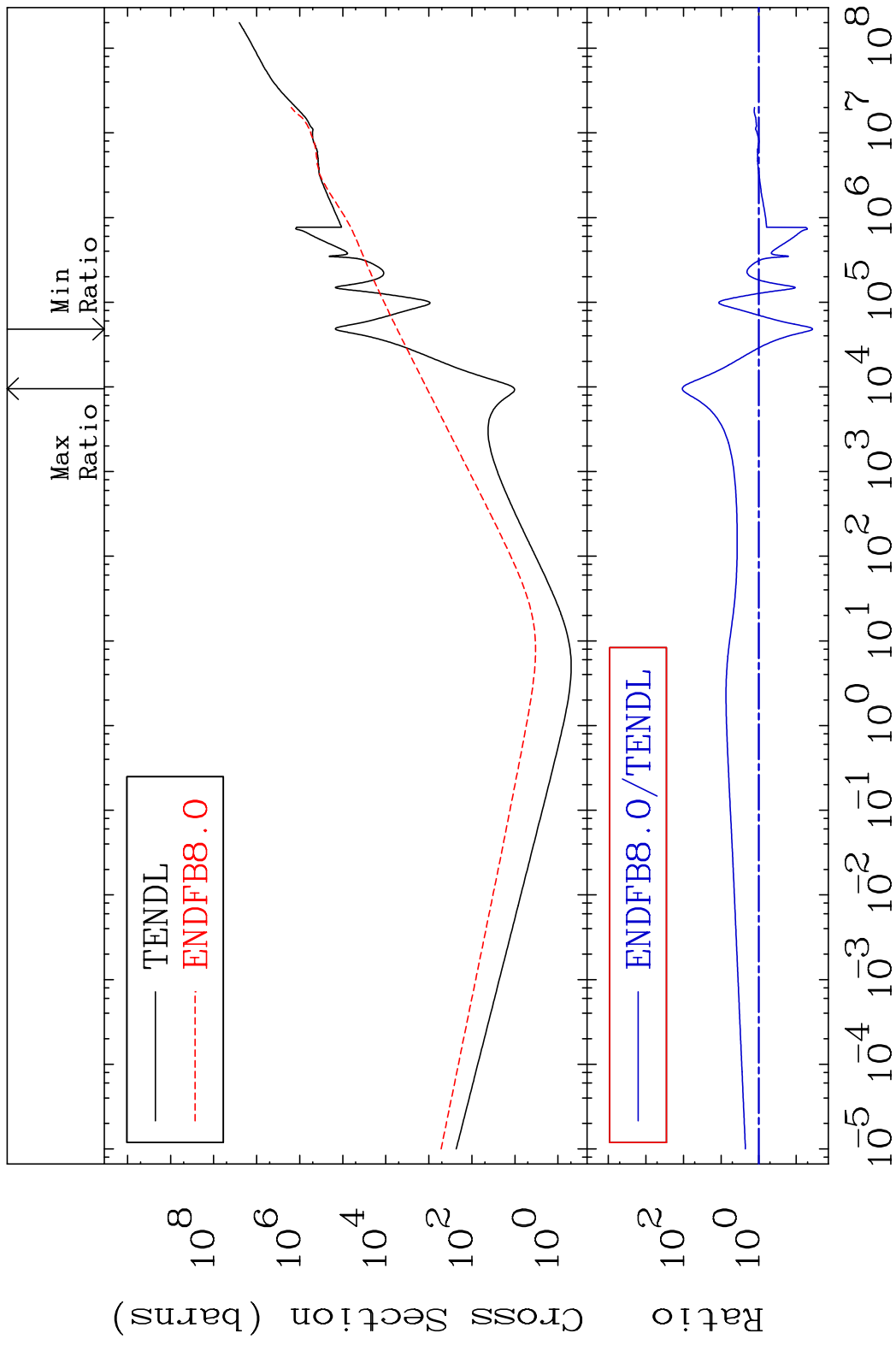
Total photon (eV-barns) 16-S -36
Cross Section -79.61 To 2909. %



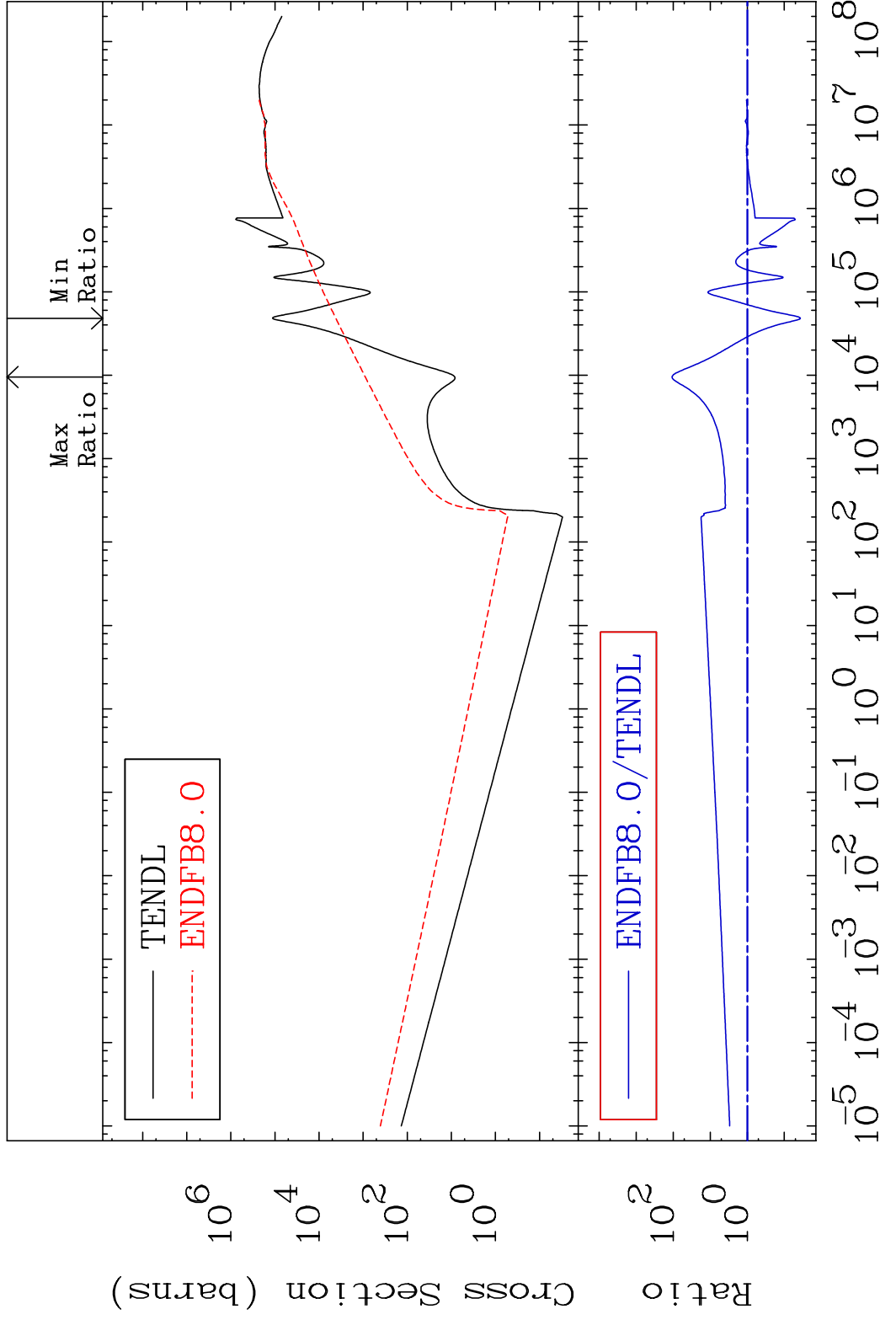
24

Incident Energy (eV) 16-S -36

MAT 1637 Total kinematic kerma (high limit) 16-S -36
 Cross Section -96.31 To 9999. %



MAT 1637 Dpa total (eV-barns) 16-S -36
 Cross Section -96.31 To 9999. %



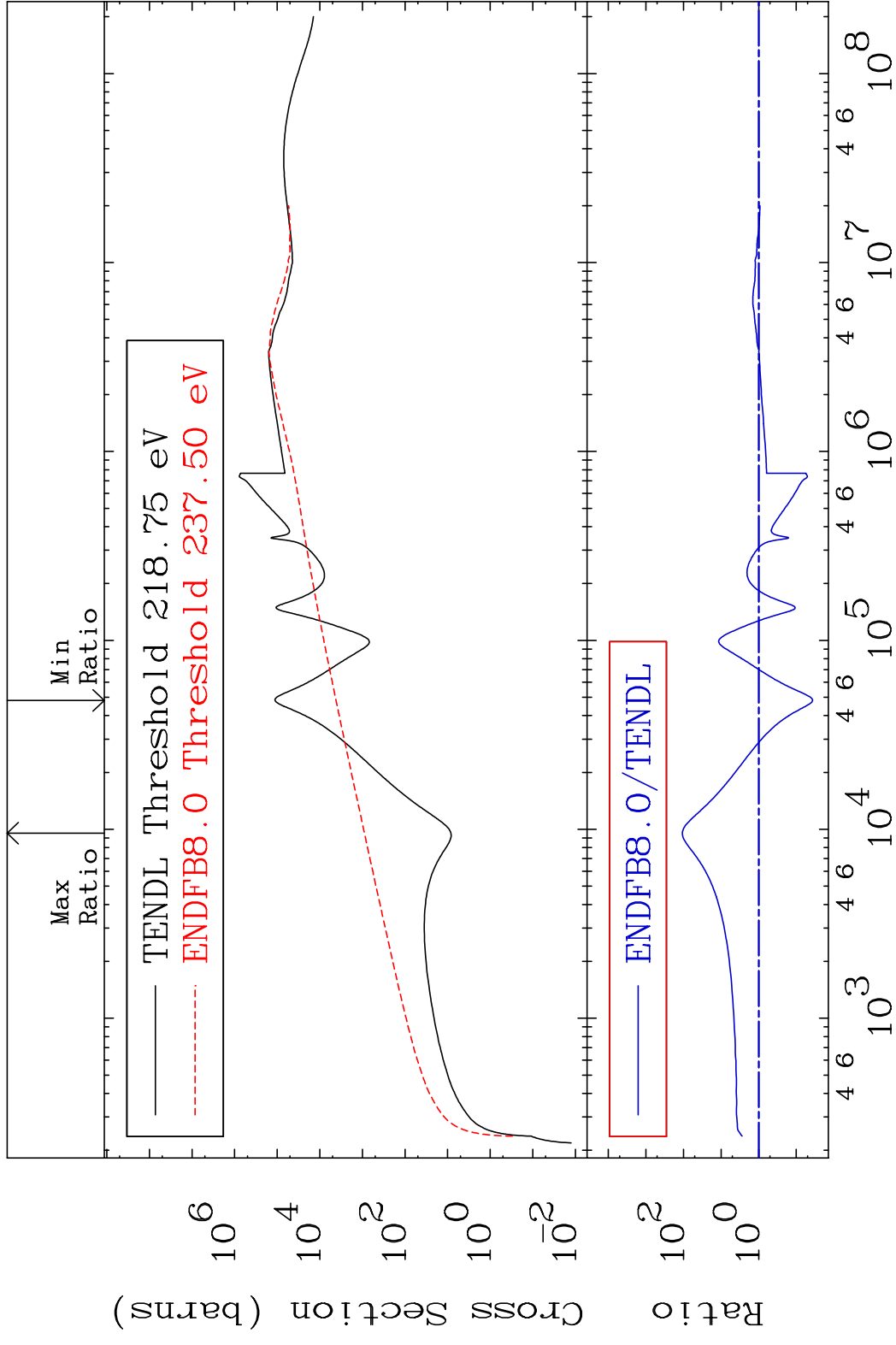
26 Incident Energy (eV) 16-S -36

MAT 1637

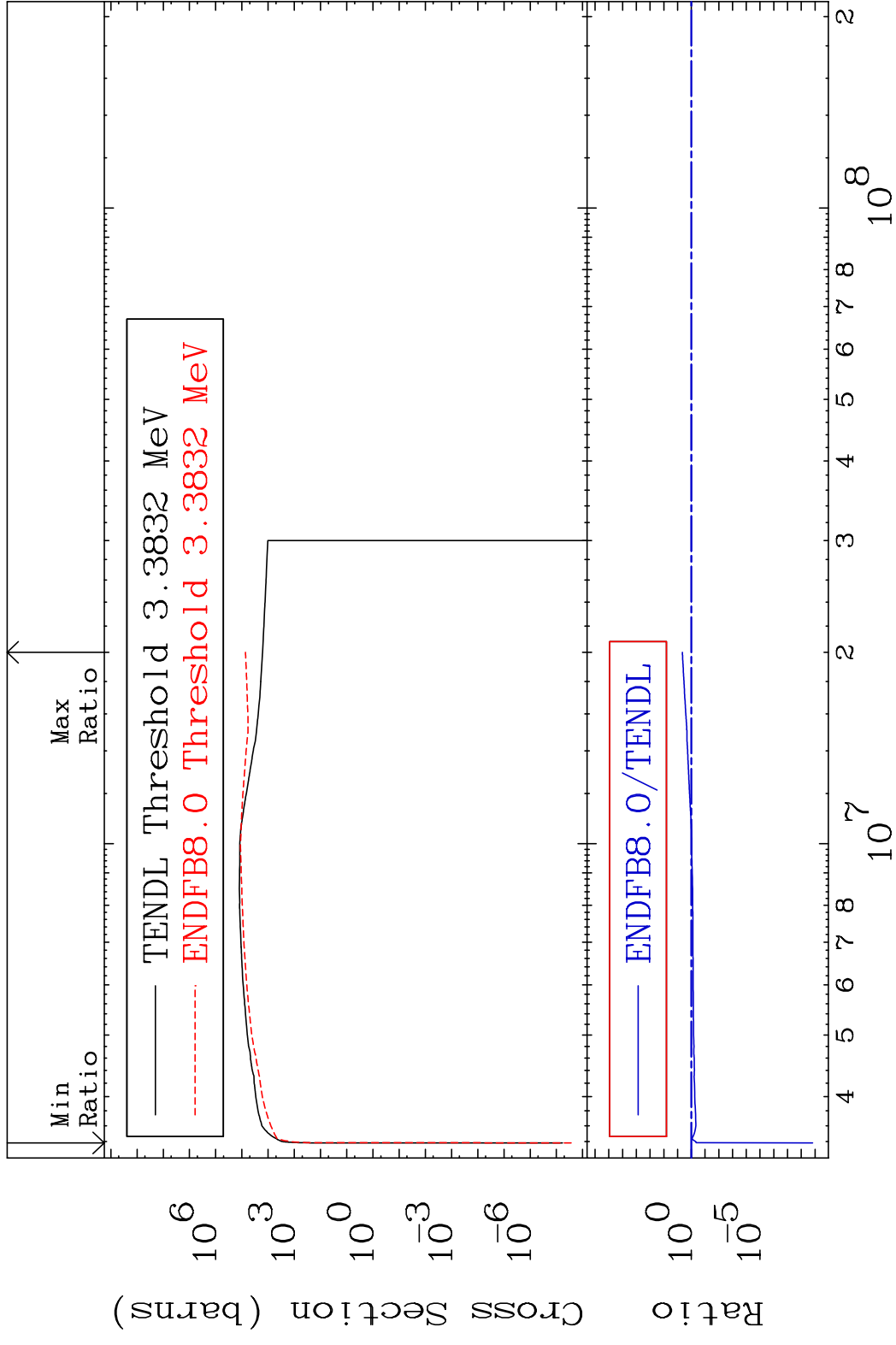
Dpa elastic (mt2)

16-S -36

Cross Section -96.31 To 9999. %



MAT 1637 Dpa inelastic (mt51-91) 16-S -36
 Cross Section -100.0 To 348.1 %



MAT 1637 Dpa disappearance (mt102 -120) 16-S -36
 Cross Section 1.205 To 9999. %

