

Program Complot
(Version 2021-1)

by

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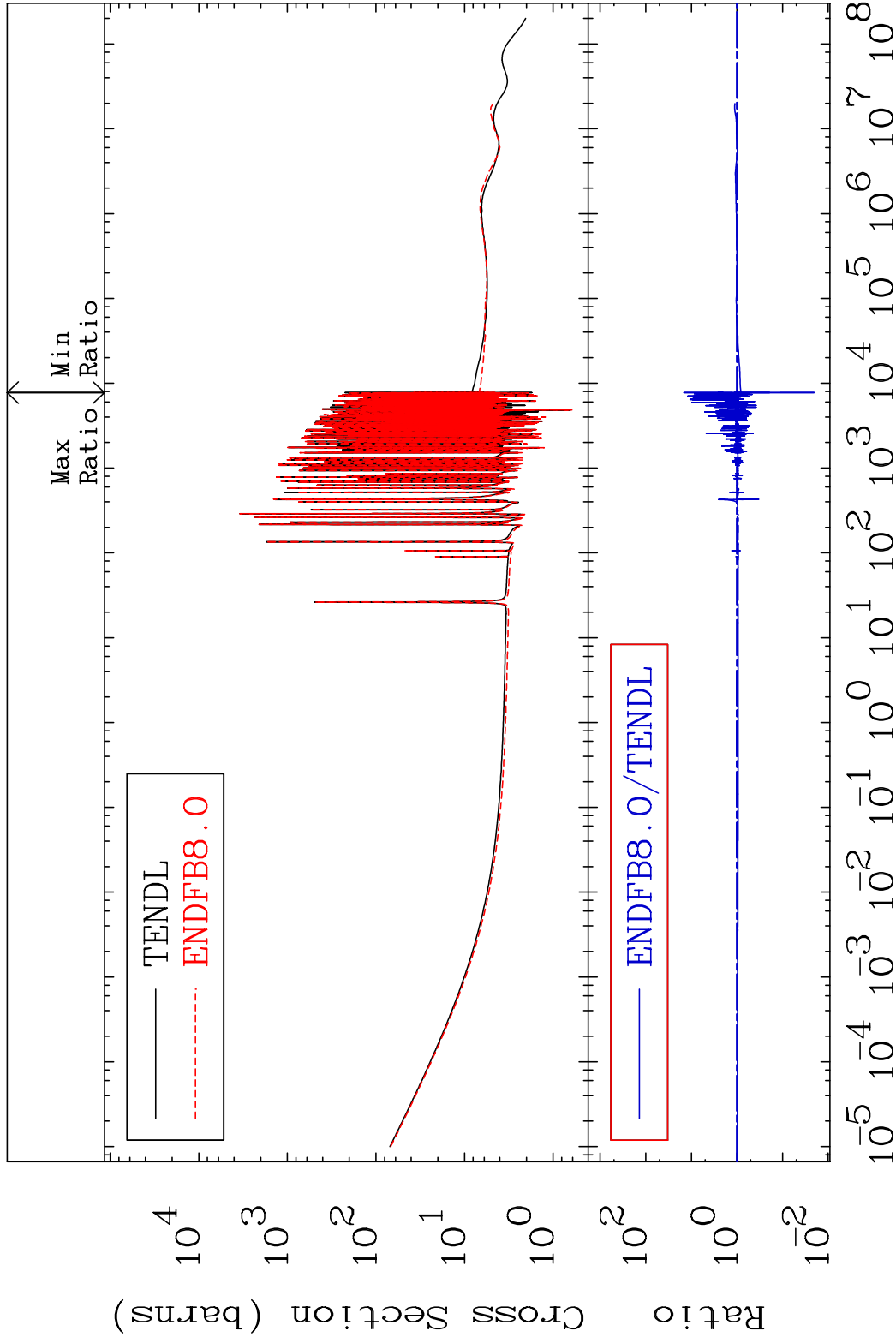
Press Mouse Button to Start

MAT 5240

Total

52-Te-125

Cross Section -97.96 To 1376. %



1

Incident Energy (eV)

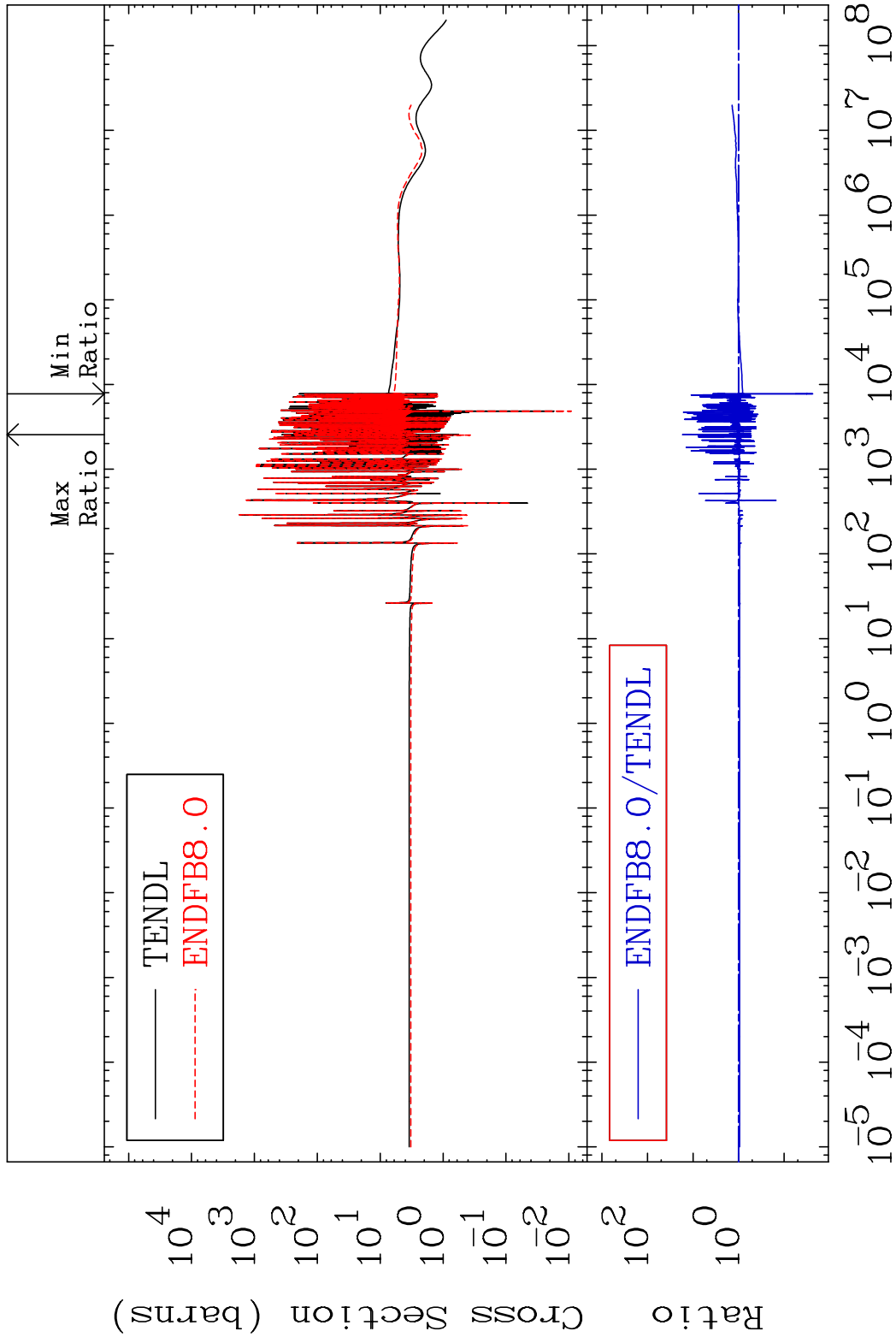
52-Te-125

MAT 5240

Elastic

52-Te-125

Cross Section -97.64 To 1613. %

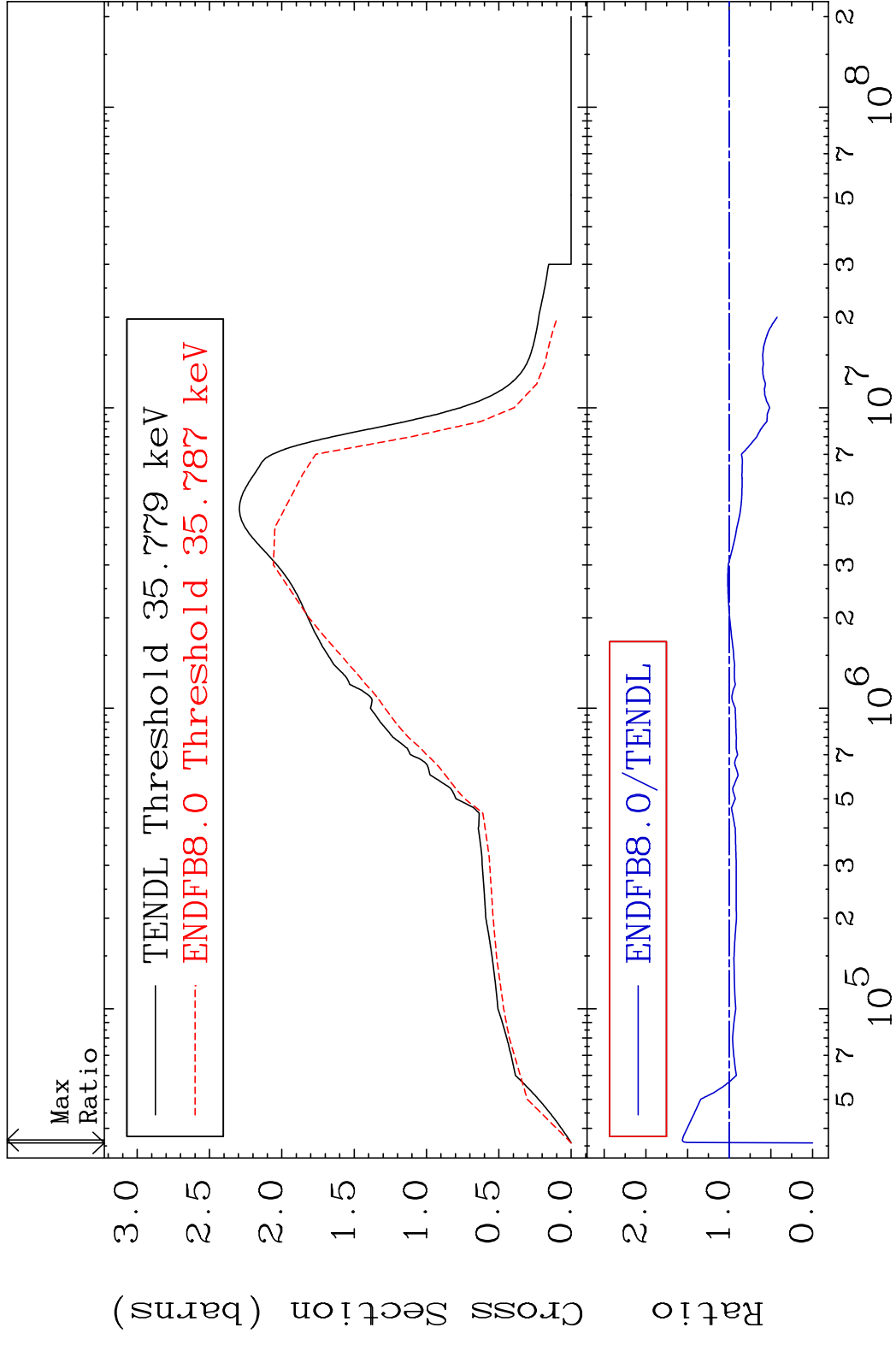


2

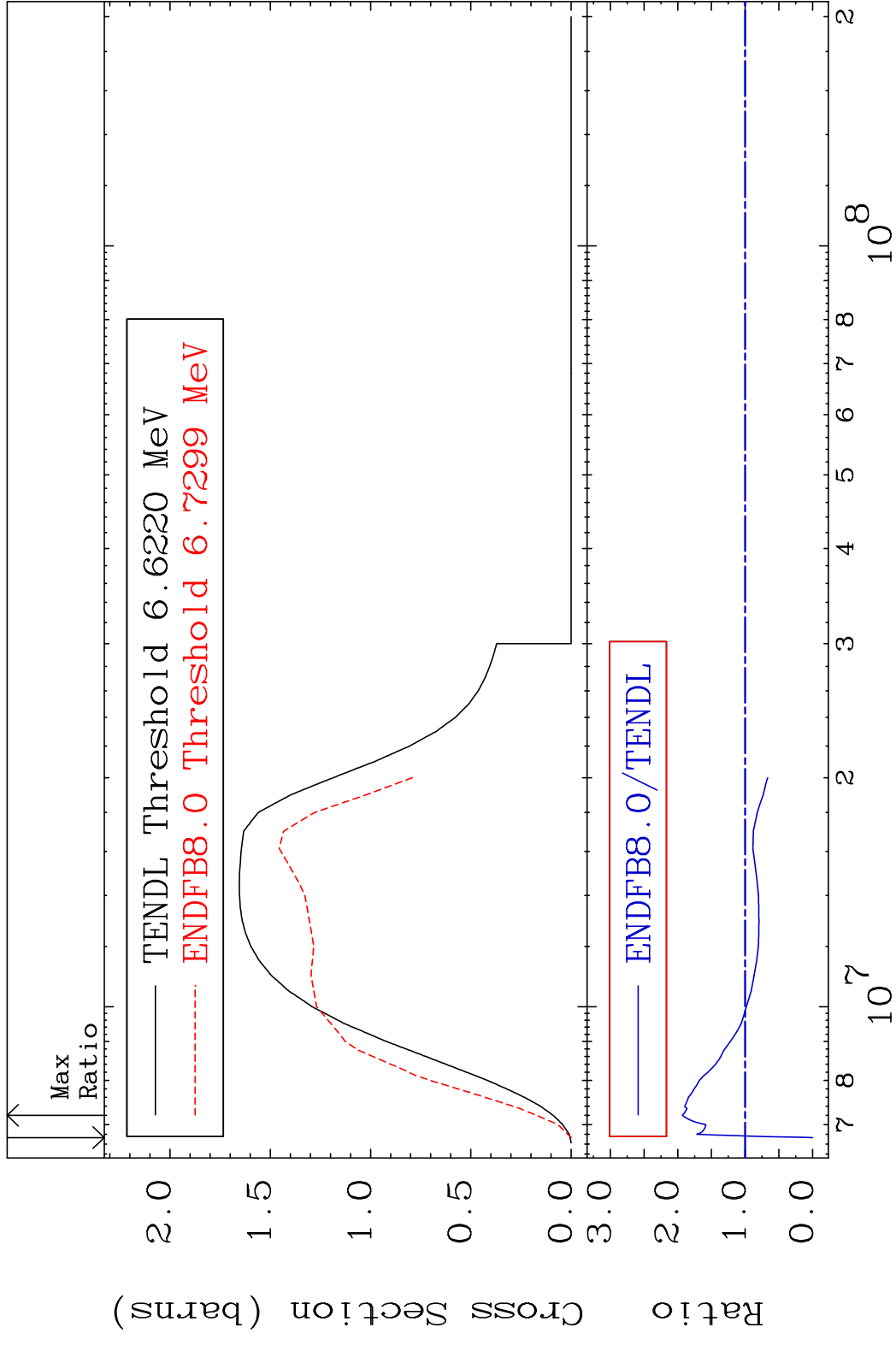
Incident Energy (eV)

52-Te-125

MAT 5240 Inelastic 52-Te-125
 Cross Section -100.0 To 56.26 %



MAT 5240 (n,2n) 52-Te-125
 Cross Section -100.0 To 93.17 %

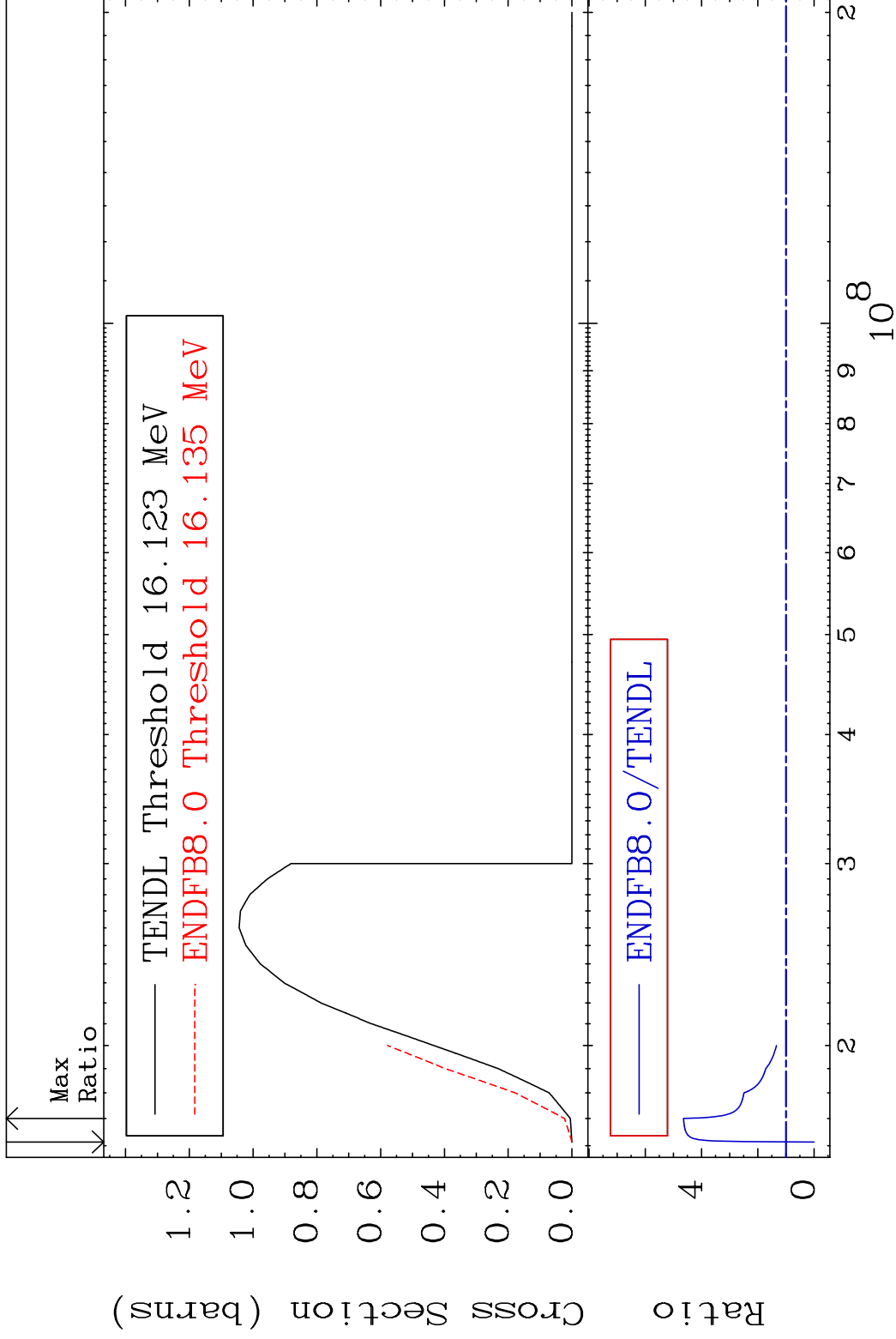


MAT 5240

(n,3n)

52-Te-125

Cross Section -100.0 To 364.2 %

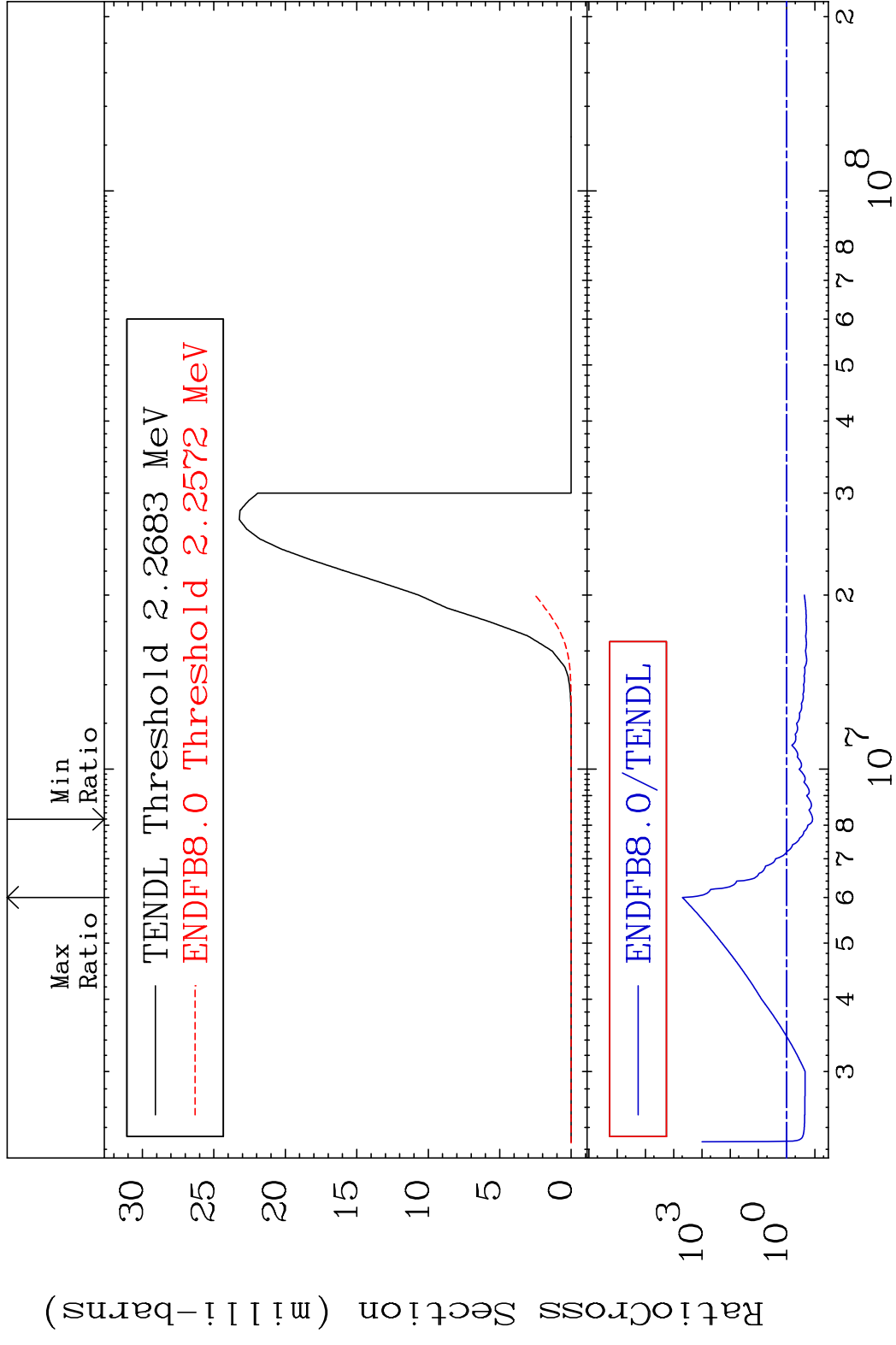


5

Incident Energy (eV)

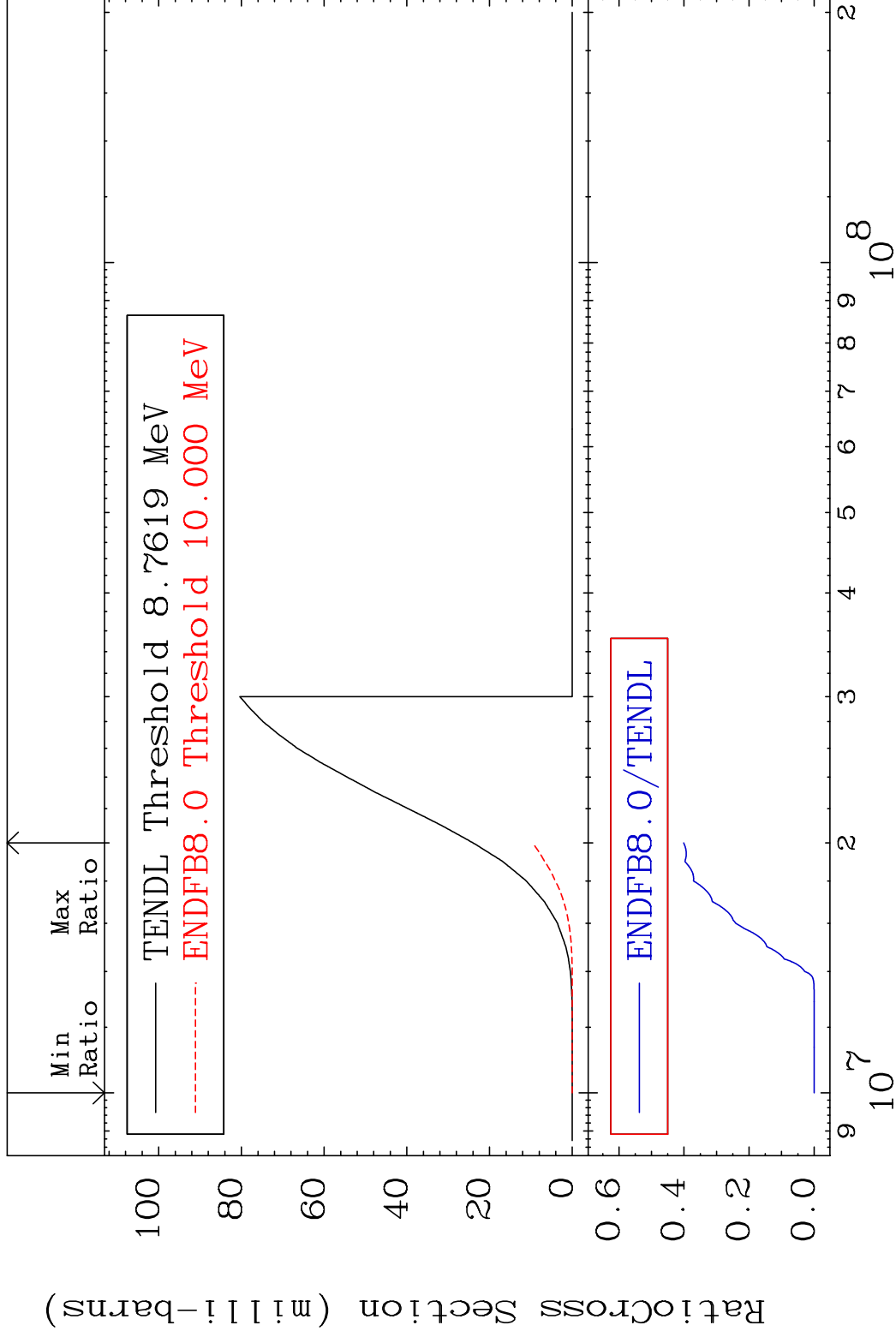
52-Te-125

MAT 5240 (n, n') α 52-Te-125
 Cross Section -87.81 To 9999. %



MAT 5240

(n, n') p 52-Te-125
Cross Section -100.0 To -59.89%



7

Incident Energy (eV)

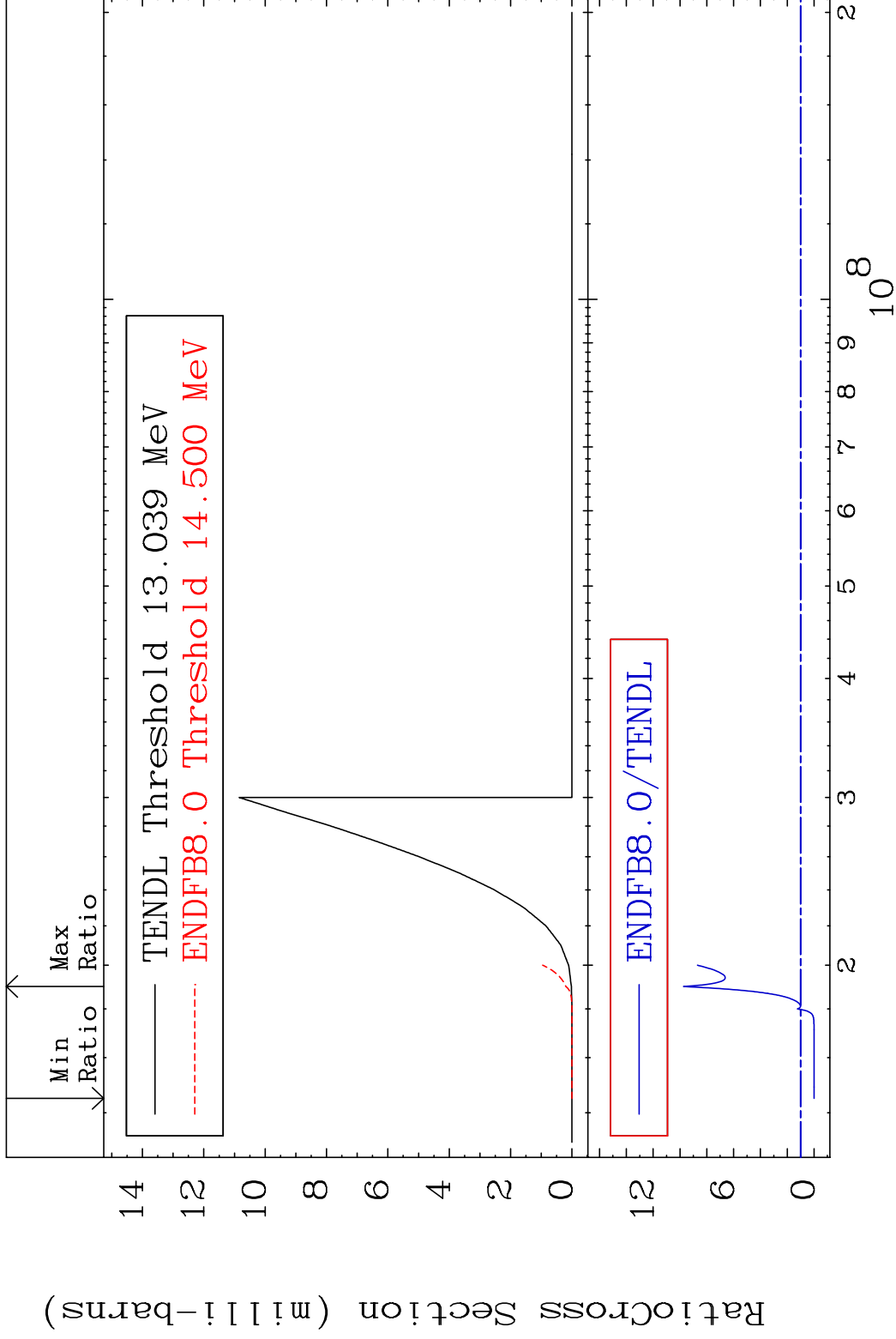
52-Te-125

MAT 5240

(n, n') d

52-Te-125

Cross Section -100.0 To 873.9 %

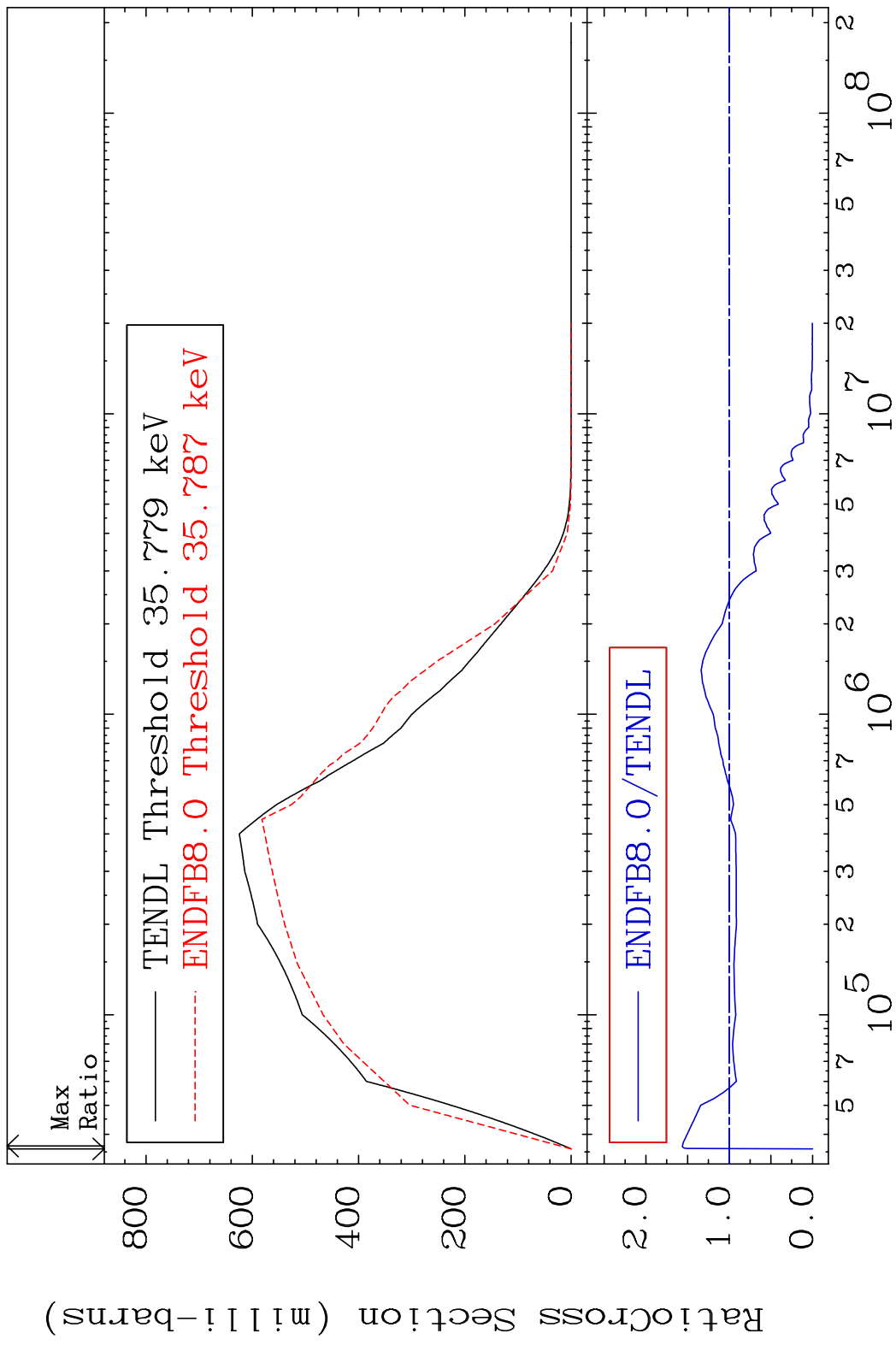


8

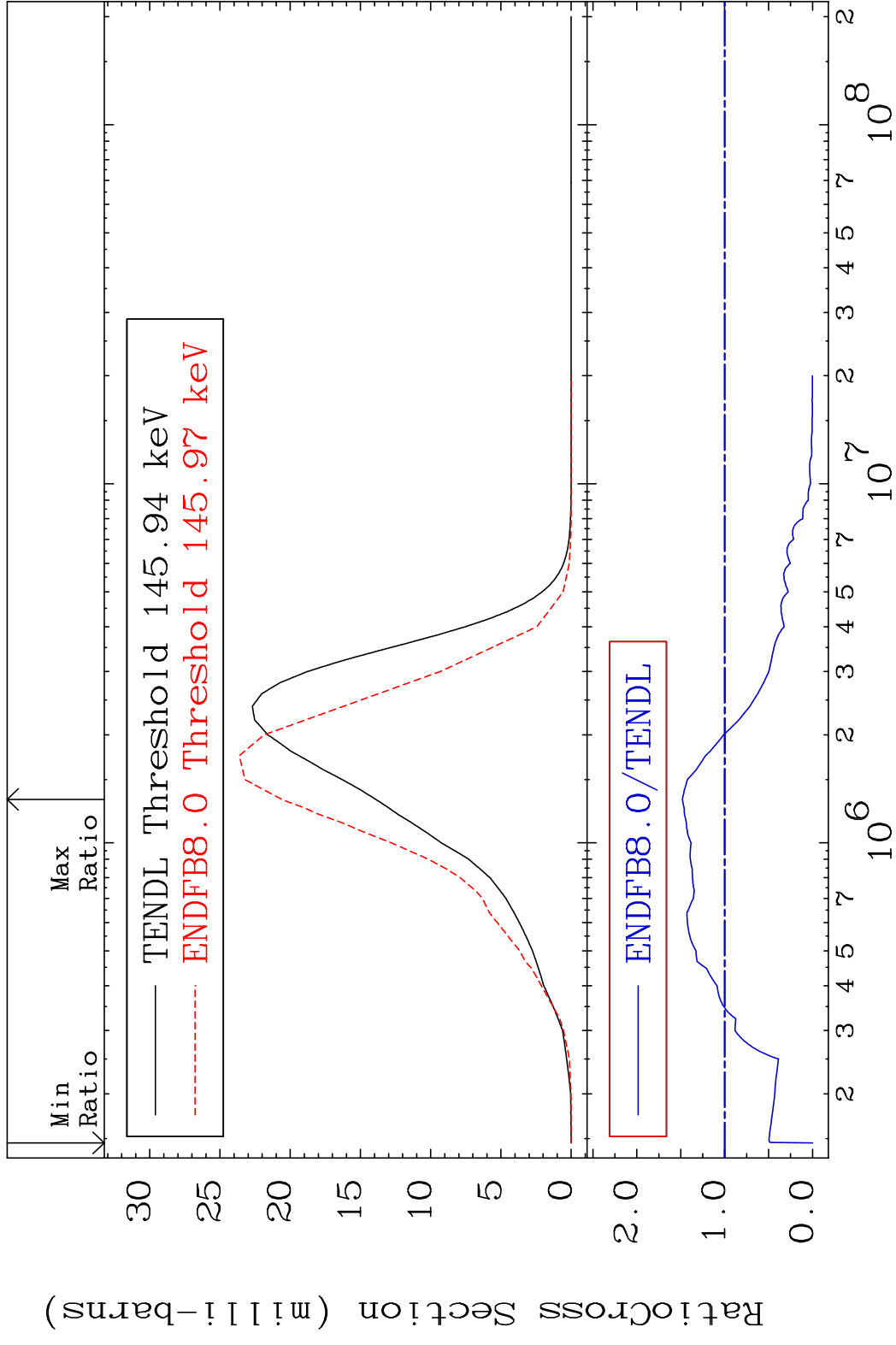
Incident Energy (eV)

52-Te-125

MAT 5240 MT= 51 (n, n') Level 52-Te-125
 Cross Section -100.0 To 56.26 %

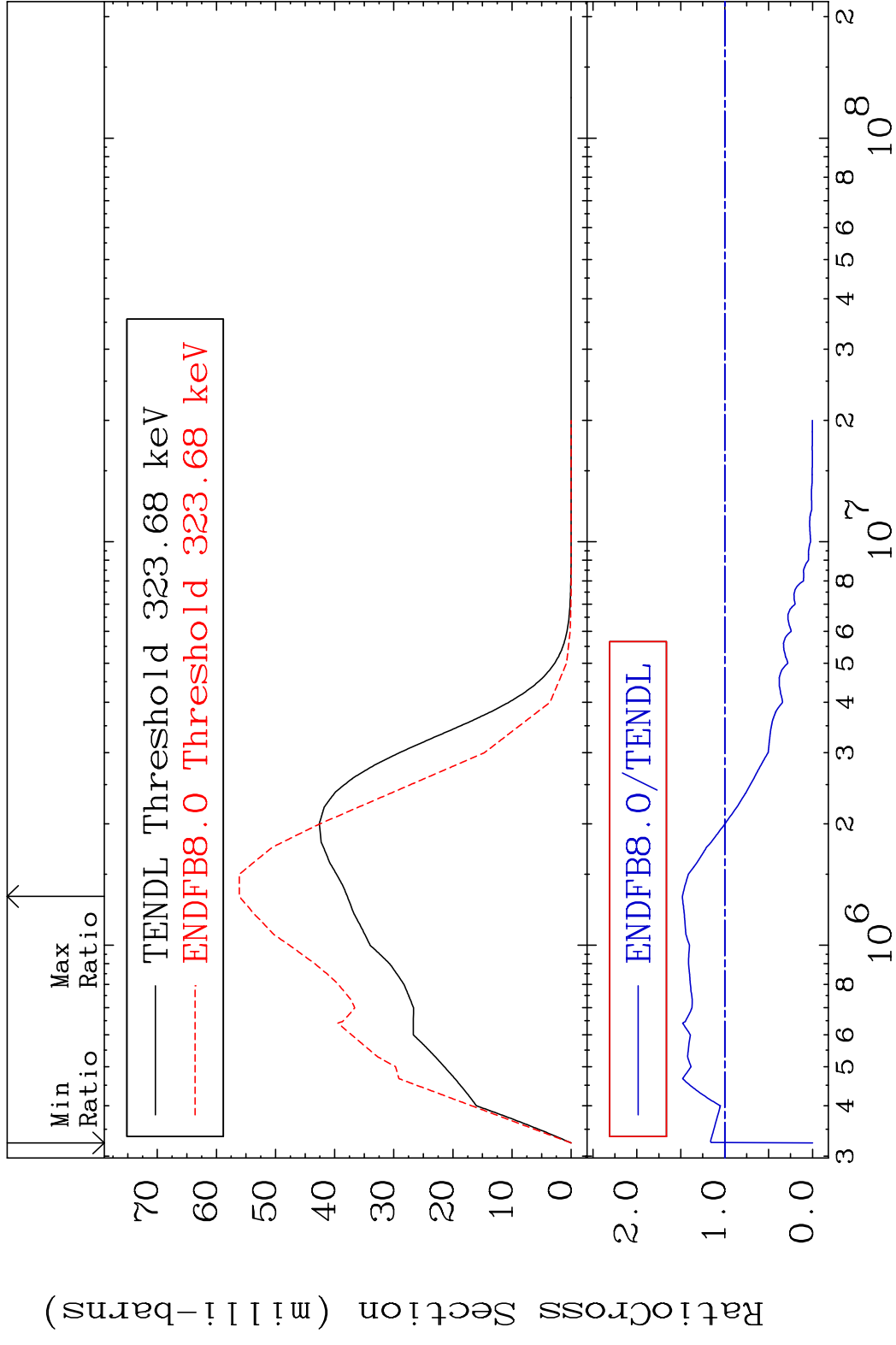


MAT 5240 MT= 52 (n, n') Level 52-Te-125
 Cross Section -100.0 To 48.19 %

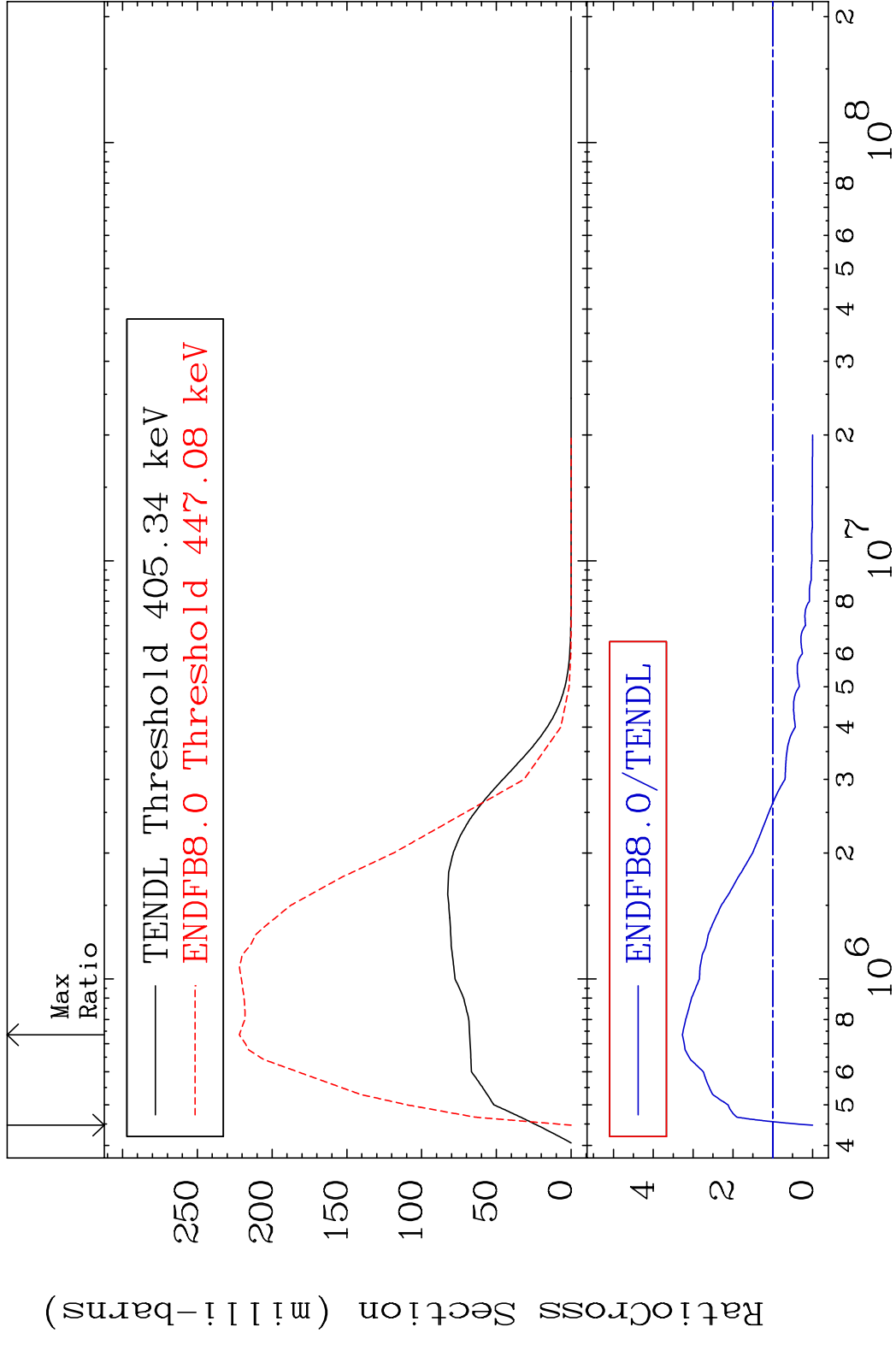


10 Incident Energy (eV) 52-Te-125

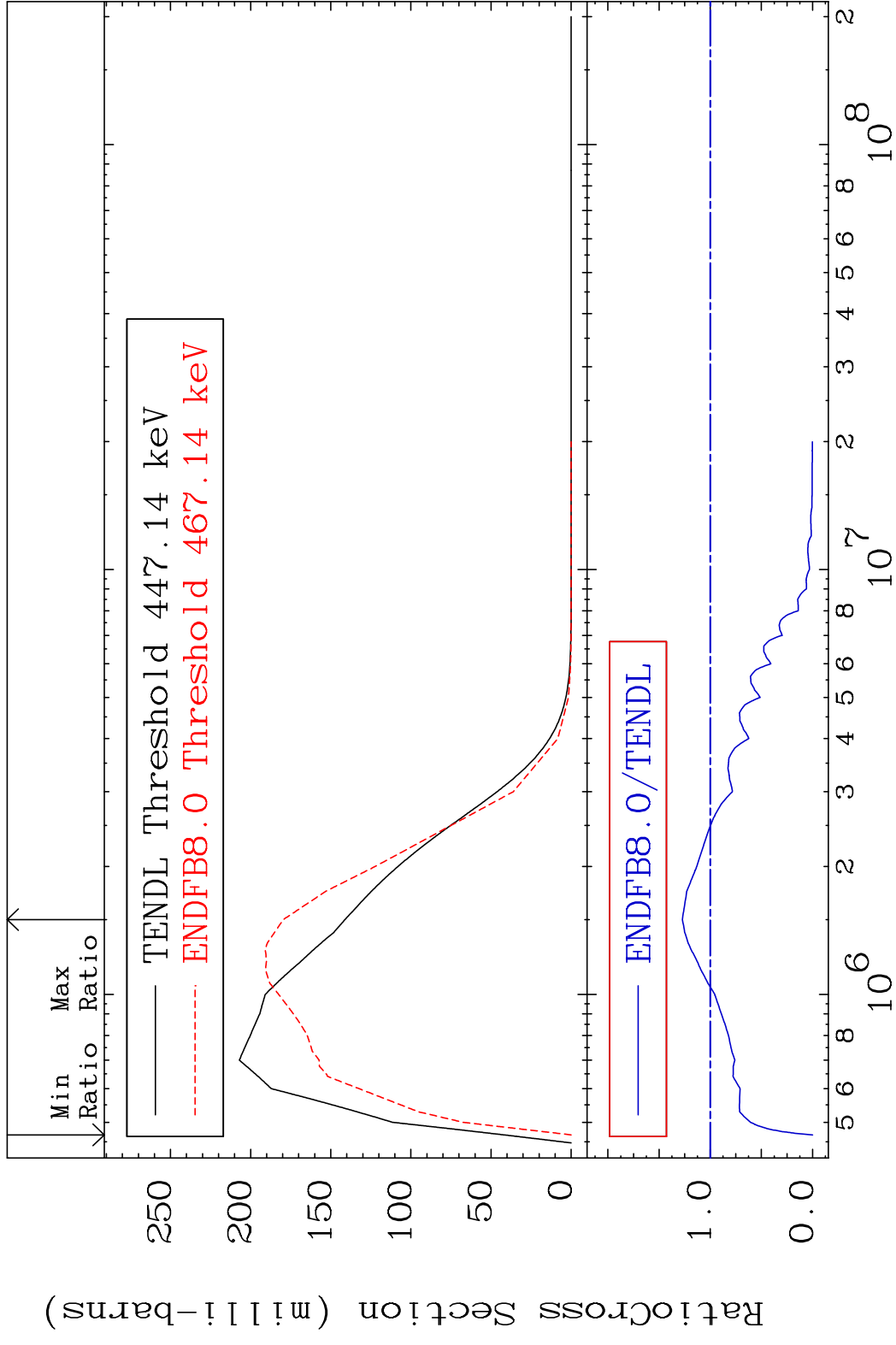
MAT 5240 MT= 53 (n,n') Level 52-Te-125
 Cross Section -100.0 To 48.23 %



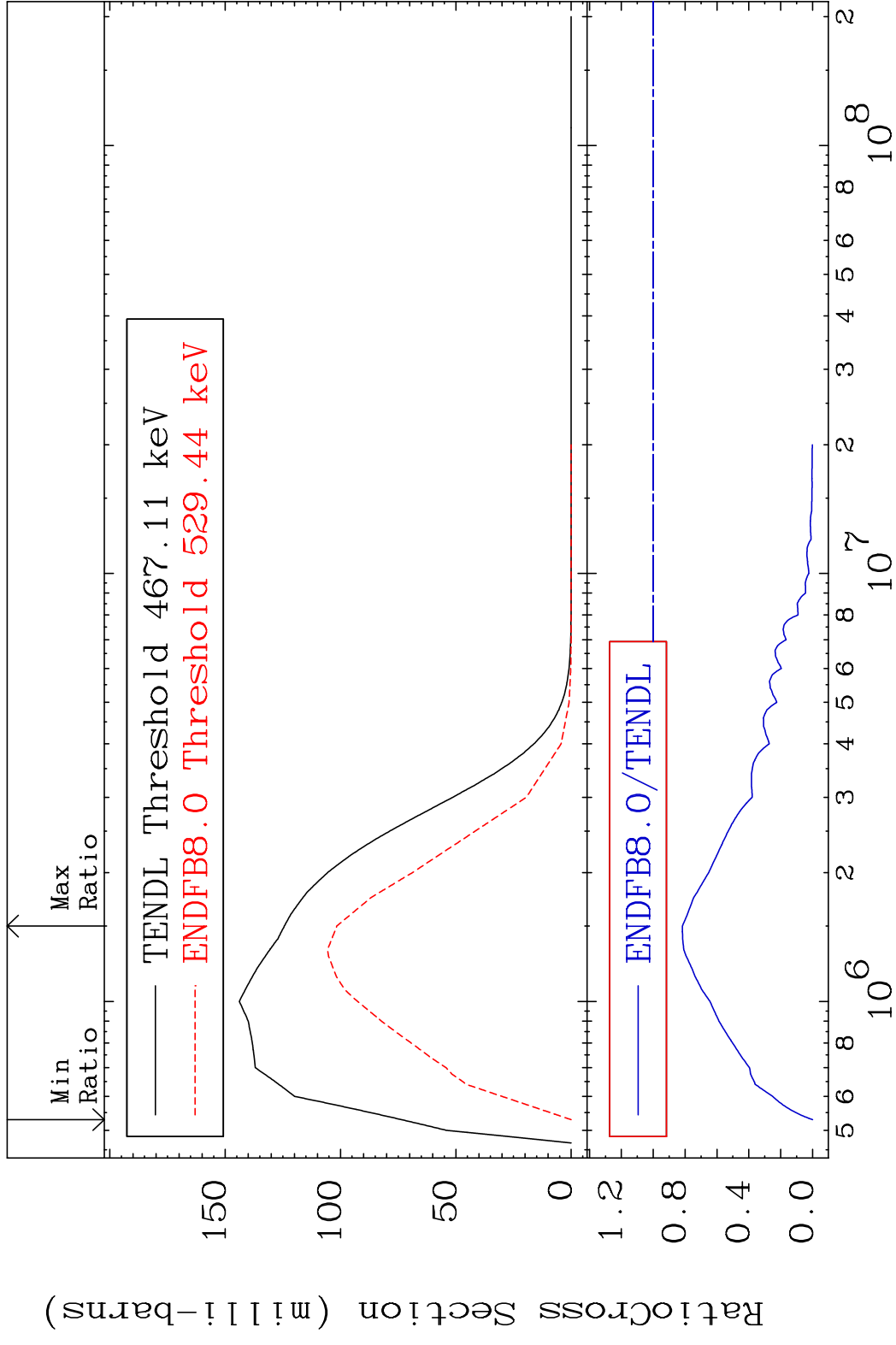
MAT 5240 MT= 54 (n,n') Level 52-Te-125
 Cross Section -100.0 To 227.0 %



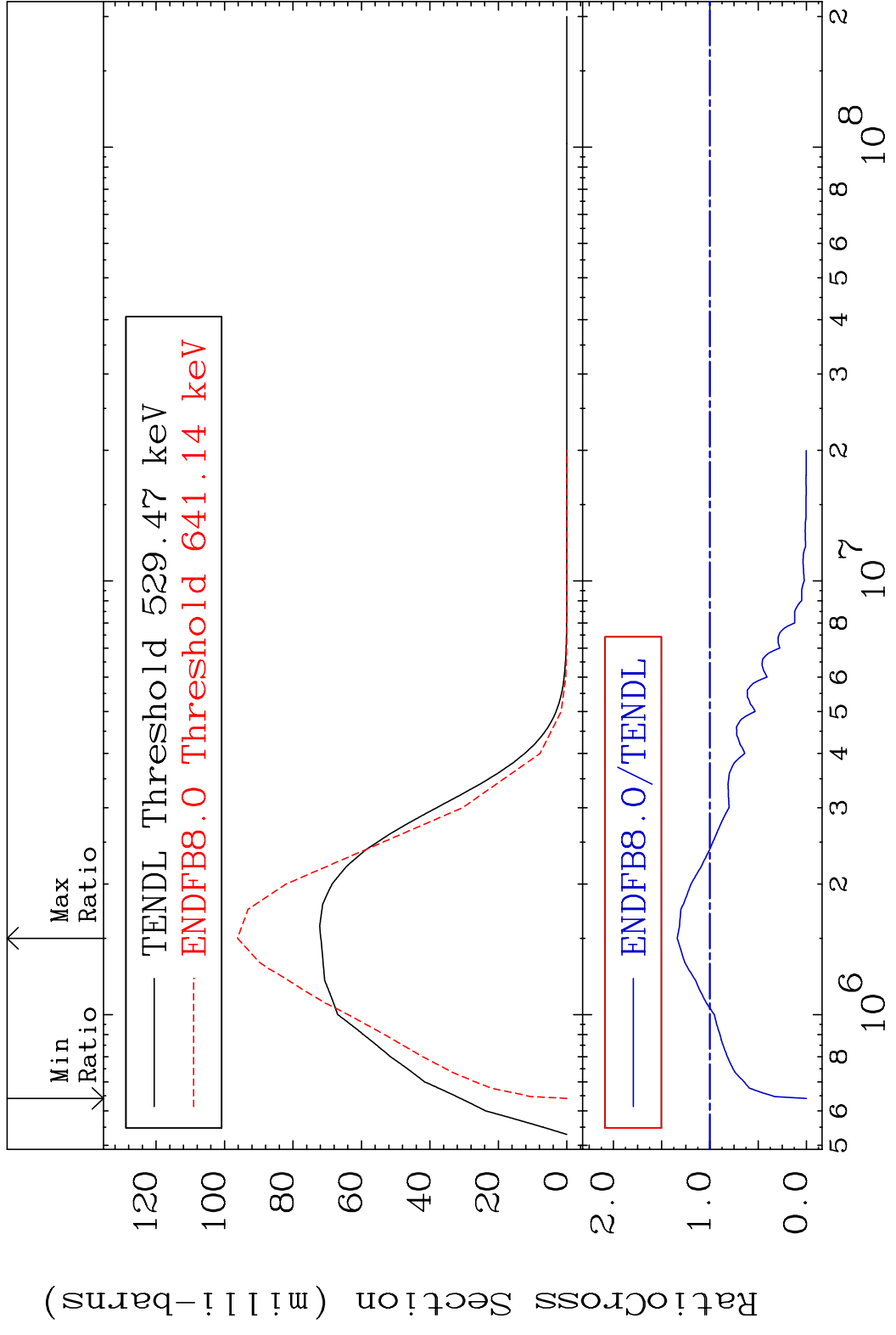
MAT 5240 MT= 55 (n,n') Level 52-Te-125
 Cross Section -100.0 To 27.25 %



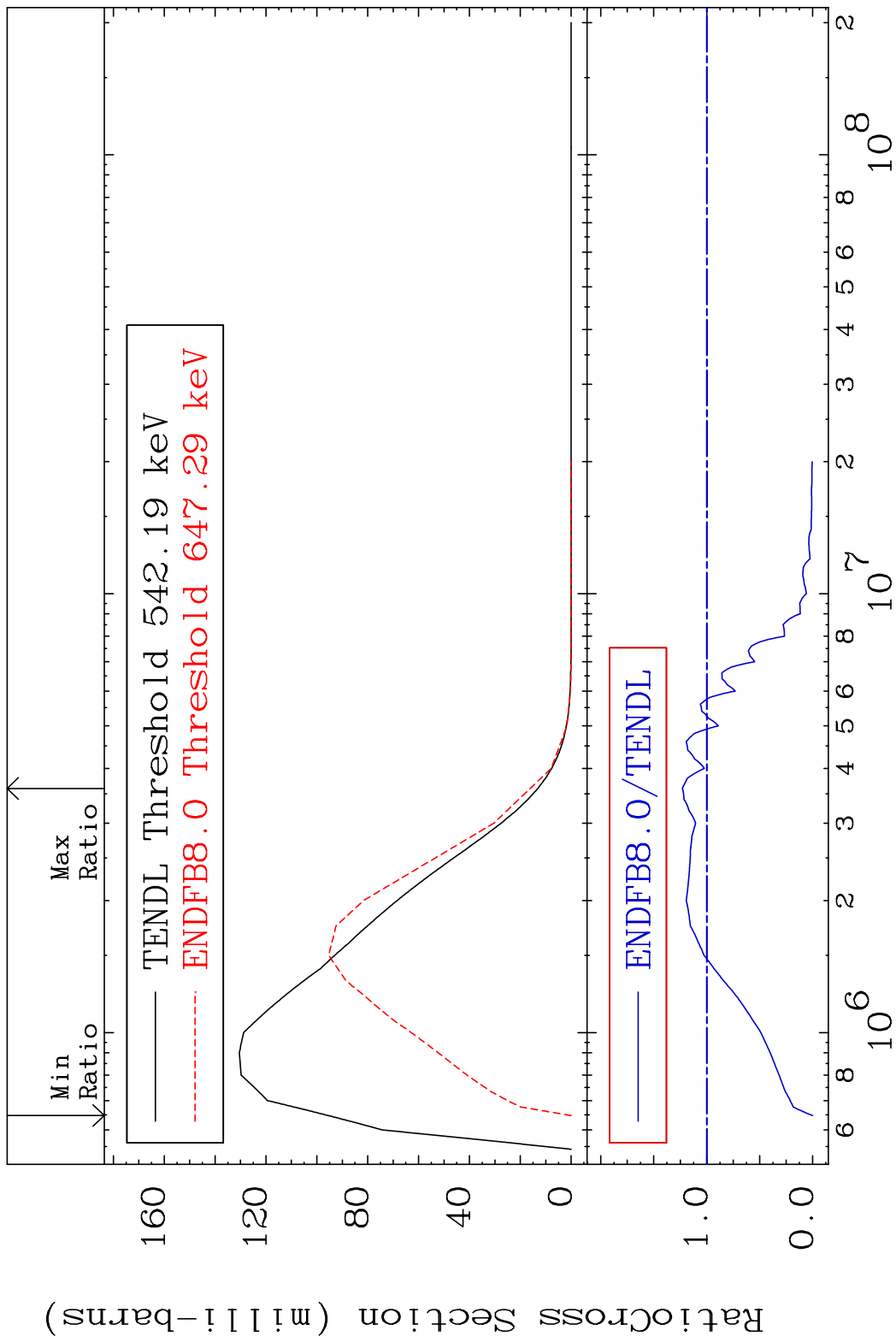
MAT 5240 MT= 56 (n, n') Level 52-Te-125
 Cross Section -100.0 To -18.28%



MAT 5240 MT= 57 (n, n') Level 52-Te-125
 Cross Section -100.0 To 33.90 %

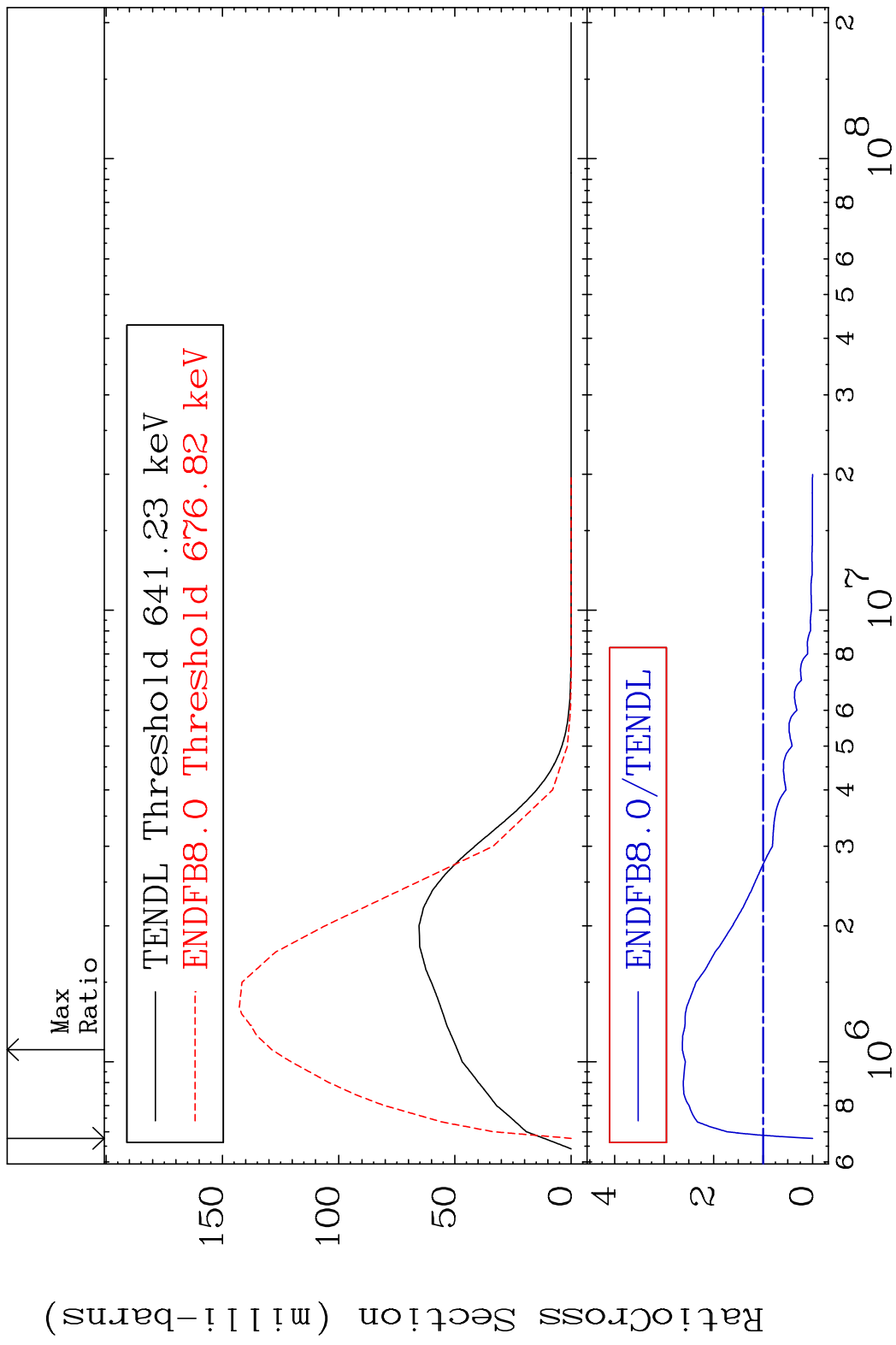


MAT 5240 MT= 58 (n, n') Level 52-Te-125
 Cross Section -100.0 To 22.99 %

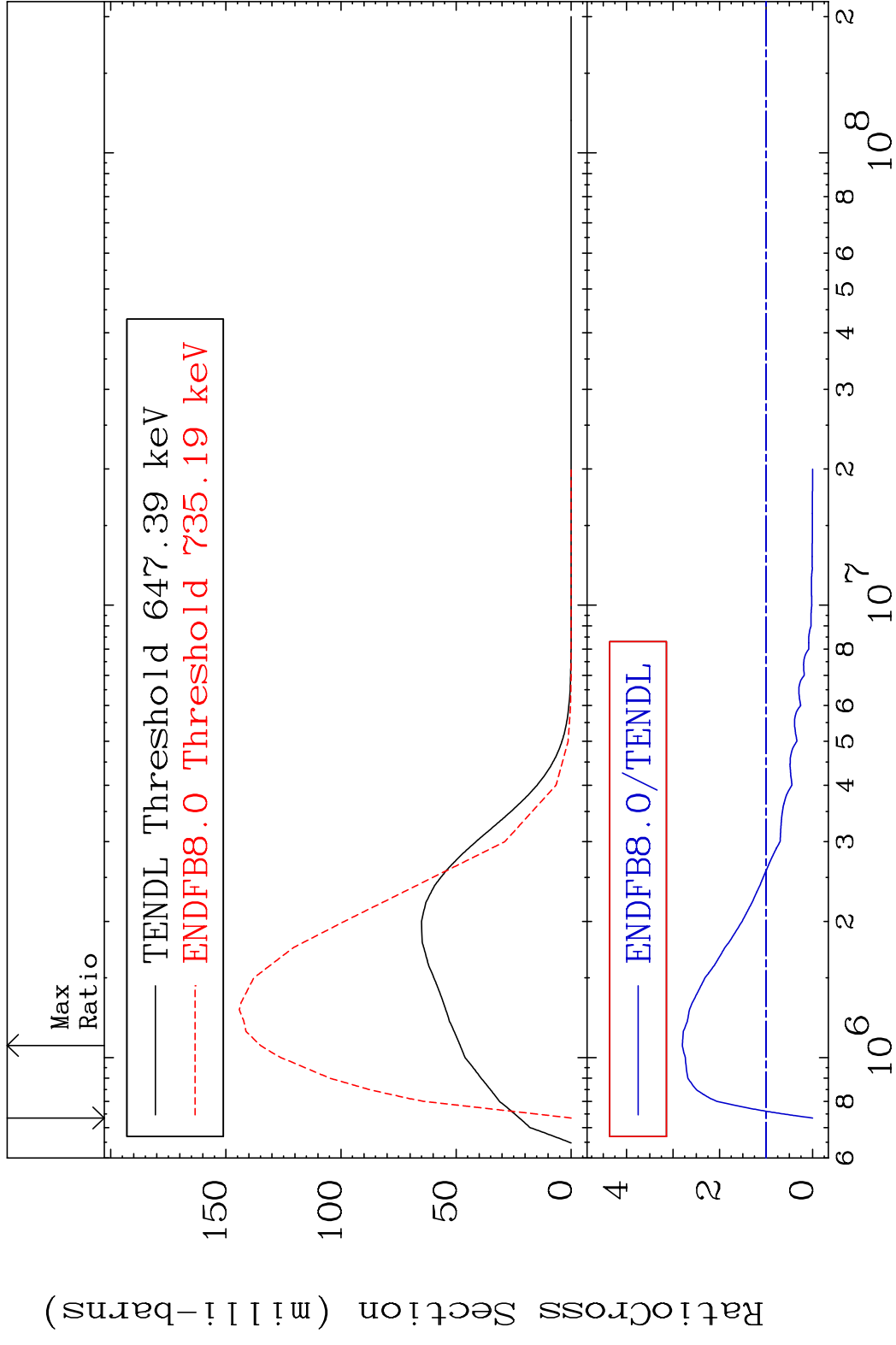


16 Incident Energy (eV) 52-Te-125

MAT 5240 MT= 59 (n,n') Level 52-Te-125
 Cross Section -100.0 To 163.1 %

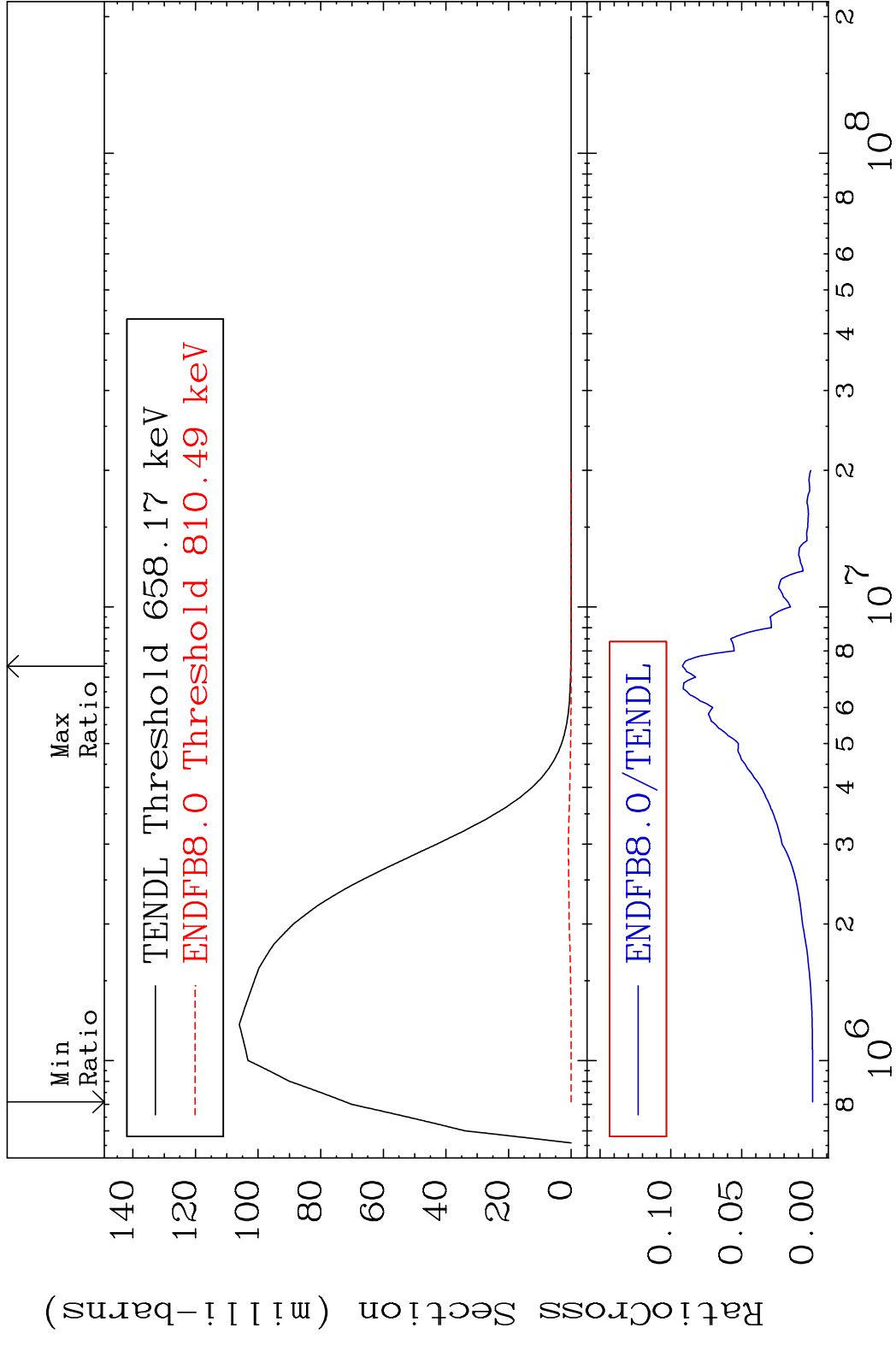


MAT 5240 MT= 60 (n, n') Level 52-Te-125
 Cross Section -100.0 To 179.8 %

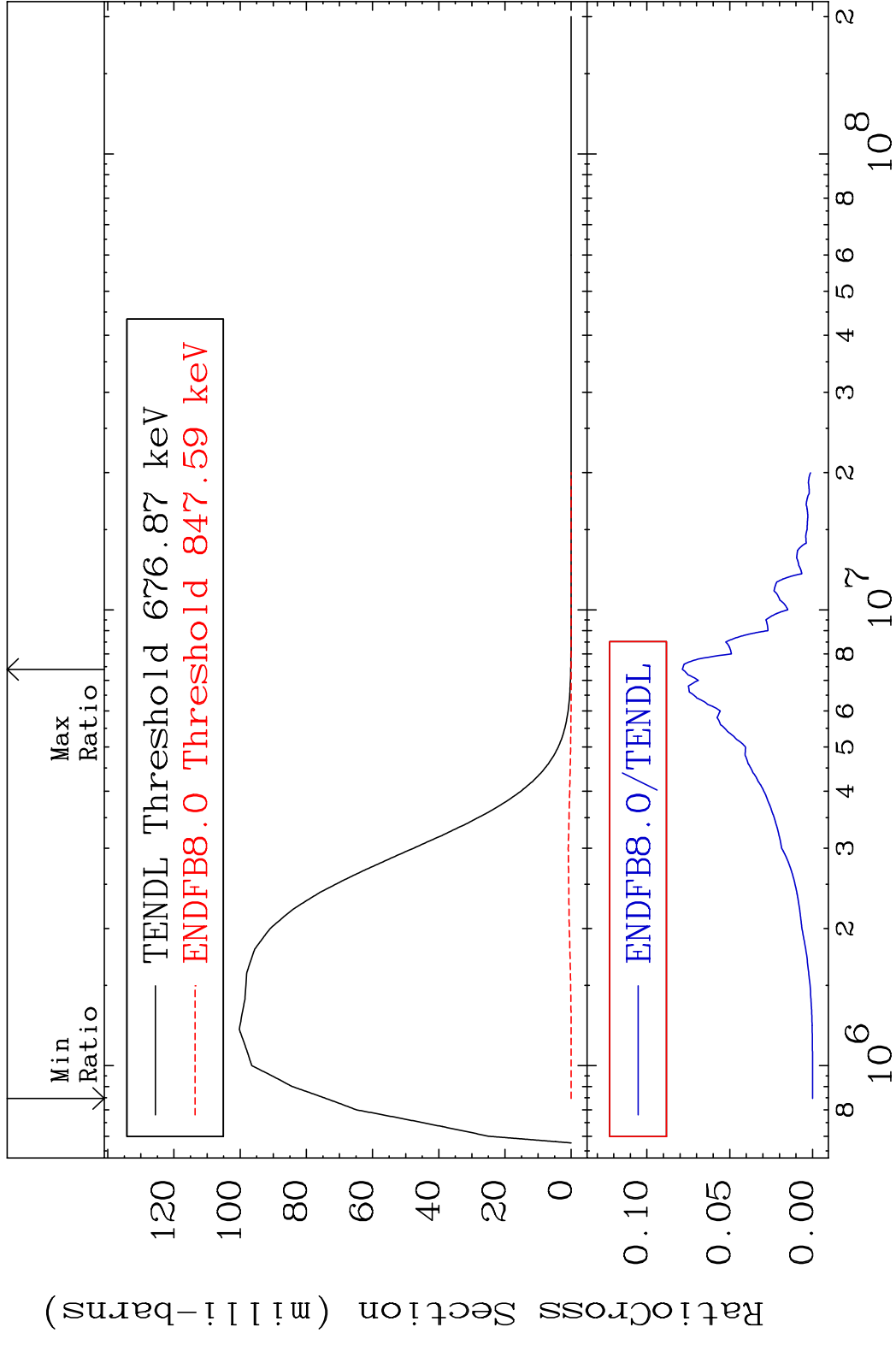


18 Incident Energy (eV) 52-Te-125

MAT 5240 MT= 61 (n, n') Level 52-Te-125
 Cross Section -100.0 To -90.81%

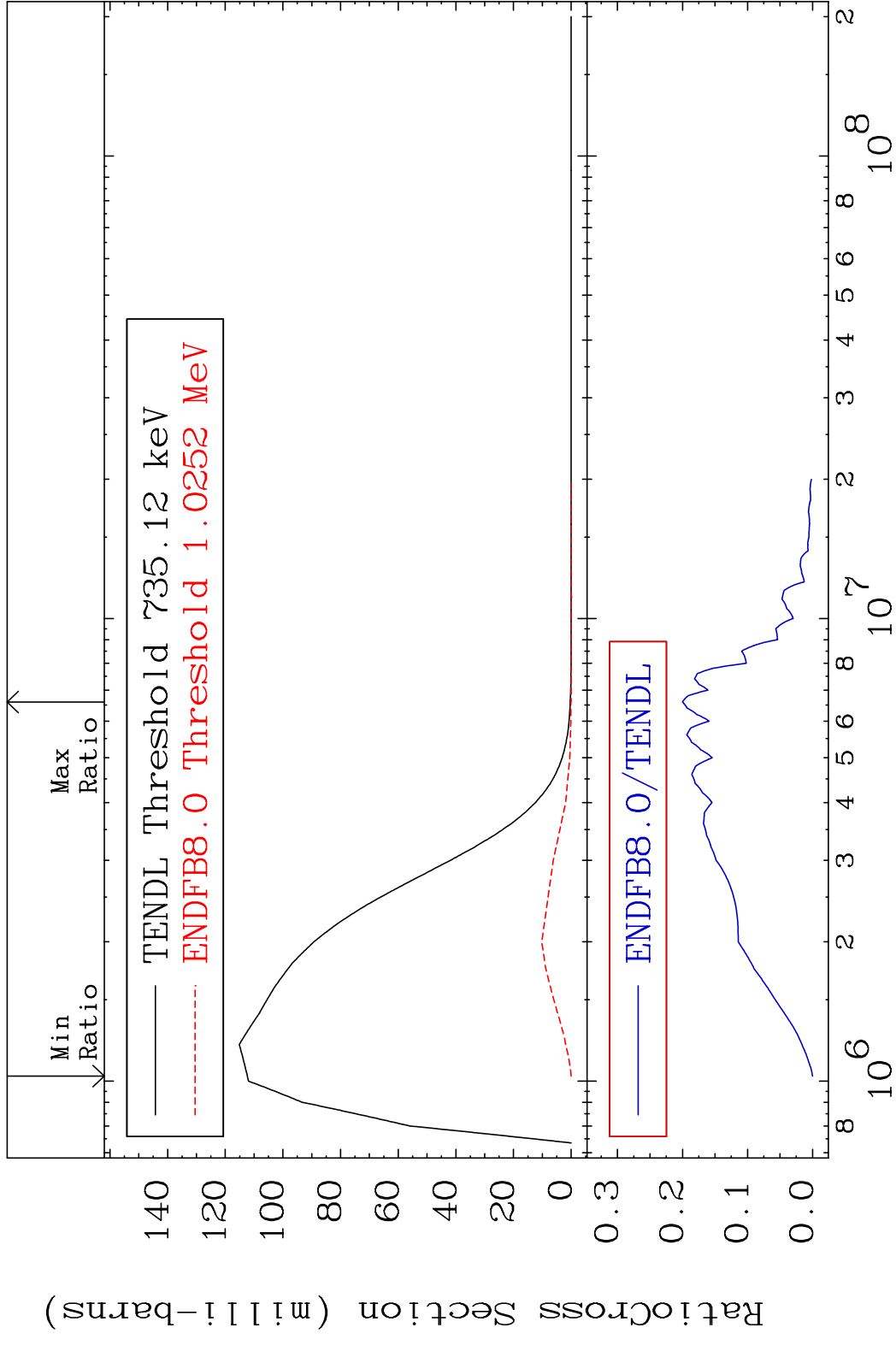


MAT 5240 MT= 62 (n, n') Level 52-Te-125
 Cross Section -100.0 To -92.14%

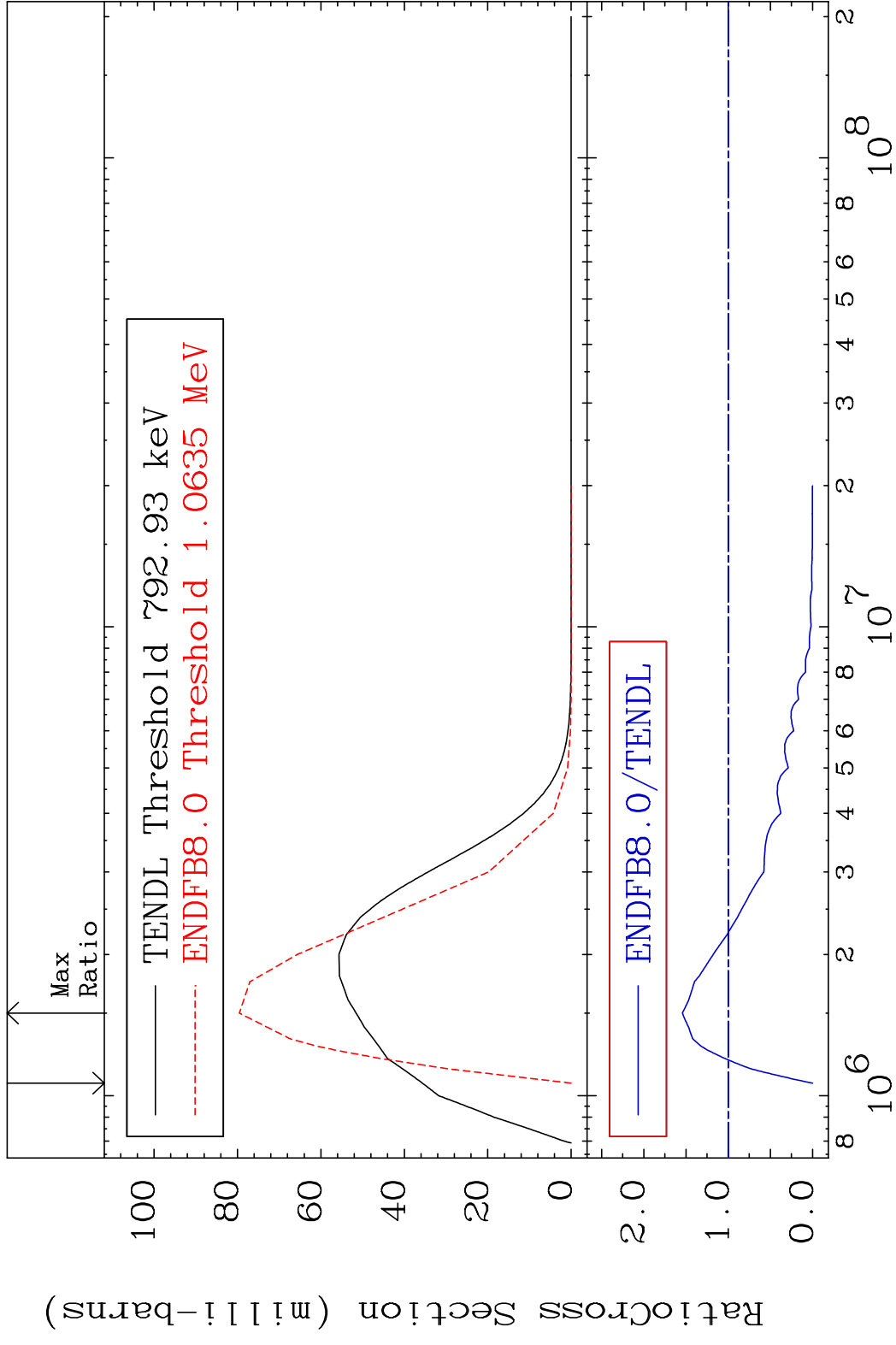


20 Incident Energy (eV) 52-Te-125

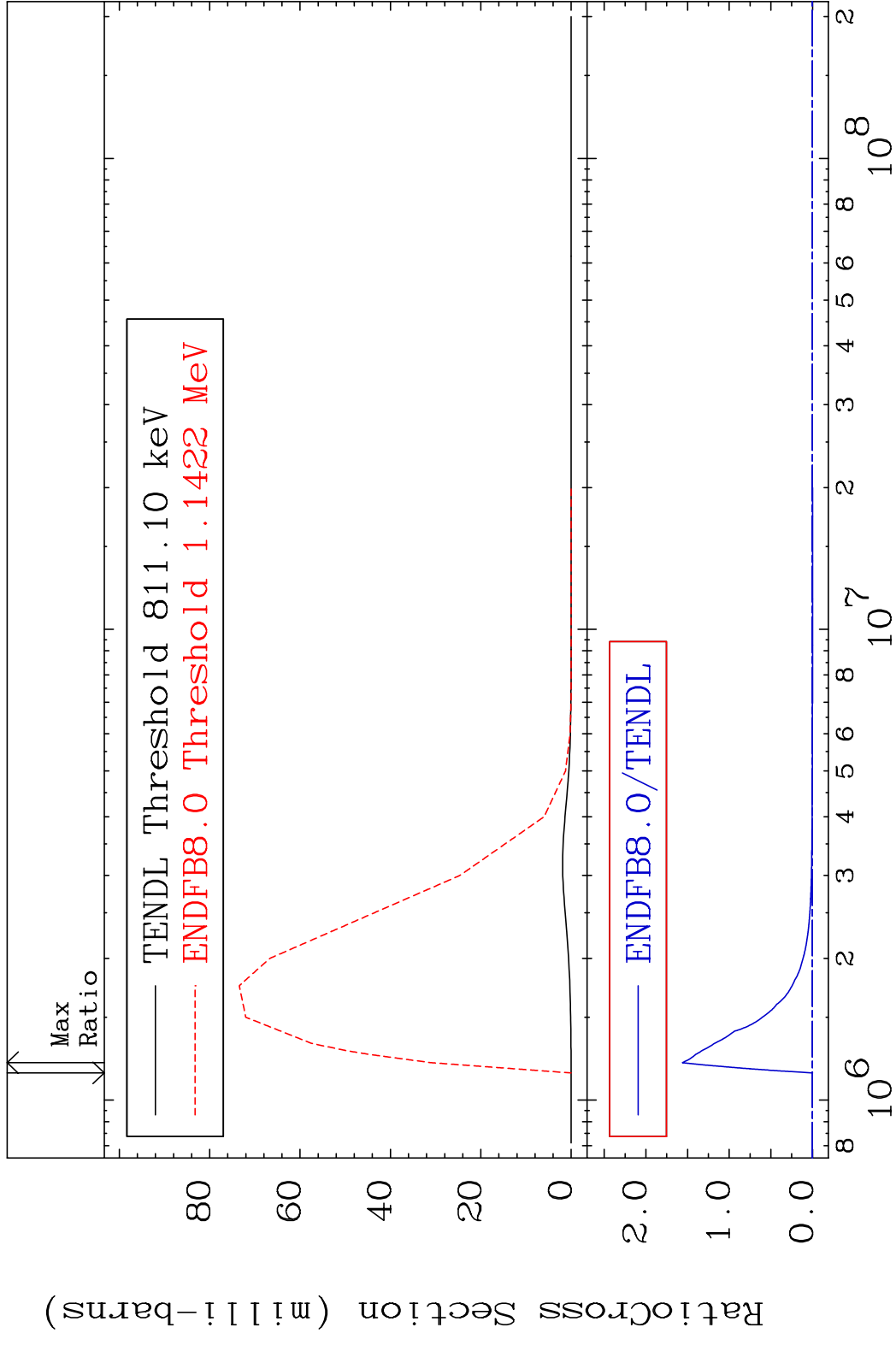
MAT 5240 MT= 63 (n, n') Level 52-Te-125
 Cross Section -100.0 To -79.98%



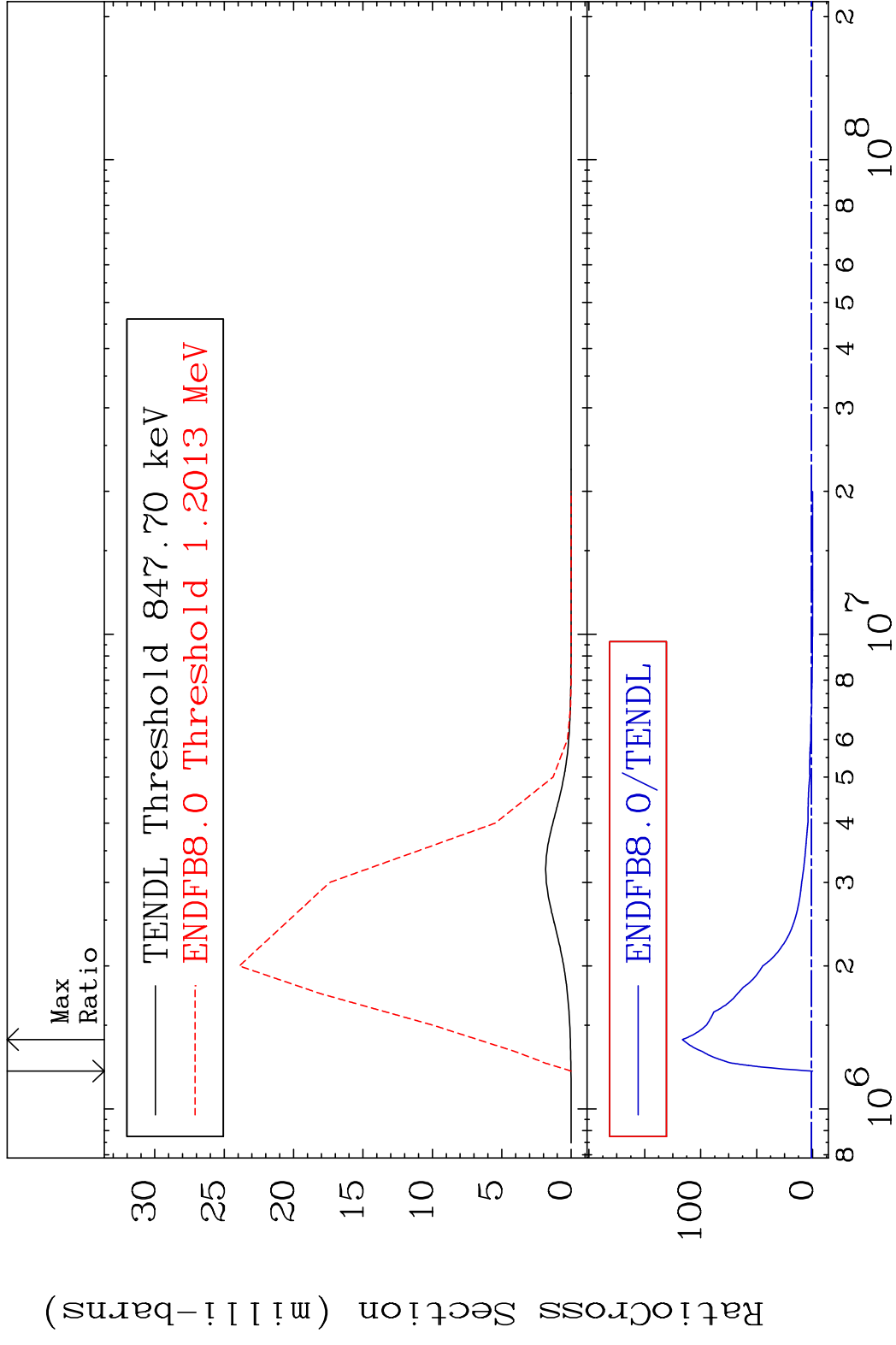
MAT 5240 MT= 64 (n, n') Level 52-Te-125
 Cross Section -100.0 To 54.35 %



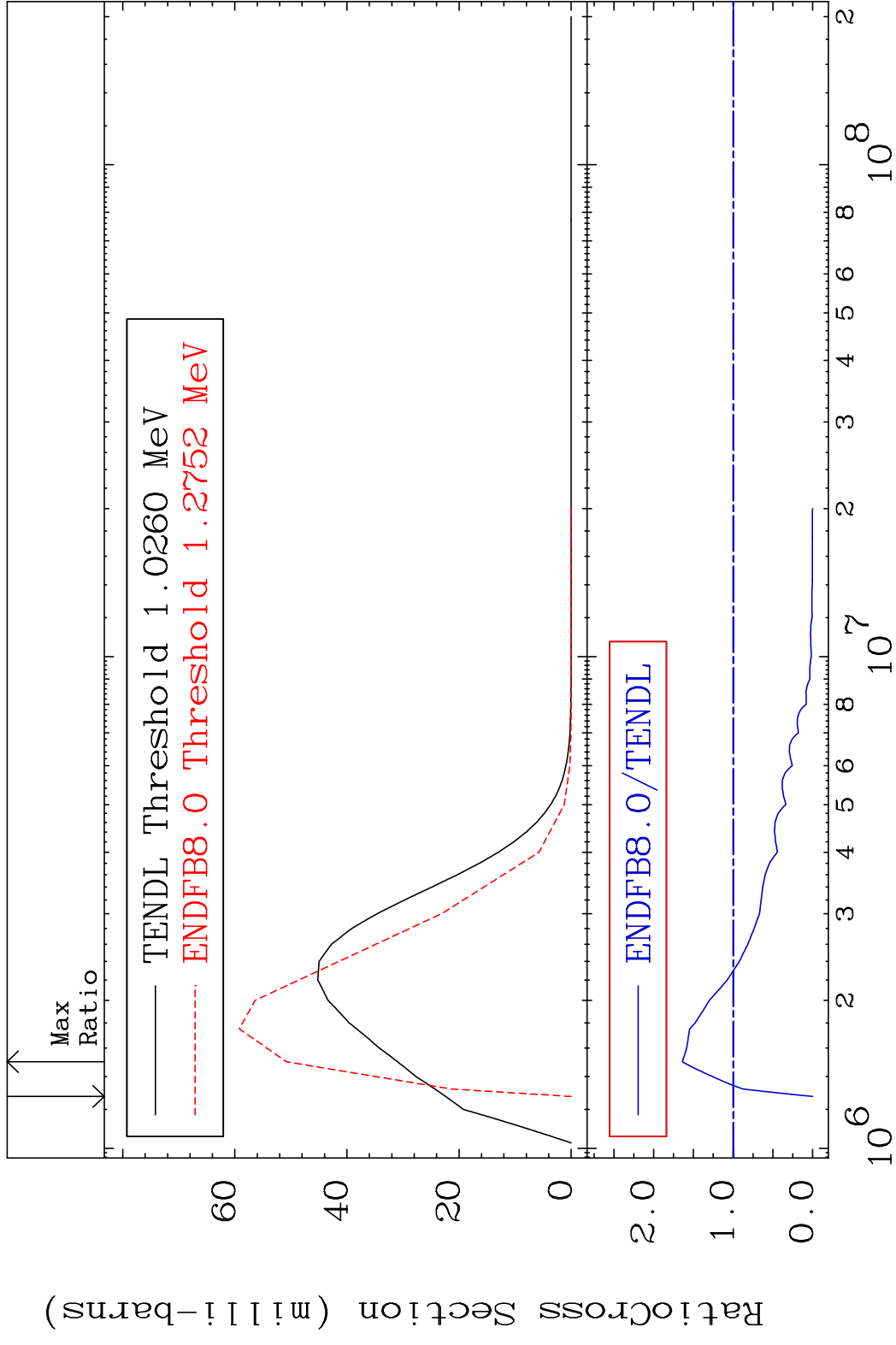
MAT 5240 MT= 65 (n,n') Level 52-Te-125
 Cross Section -100.0 To 9999. %



MAT 5240 MT= 66 (n,n') Level 52-Te-125
 Cross Section -100.0 To 9999. %

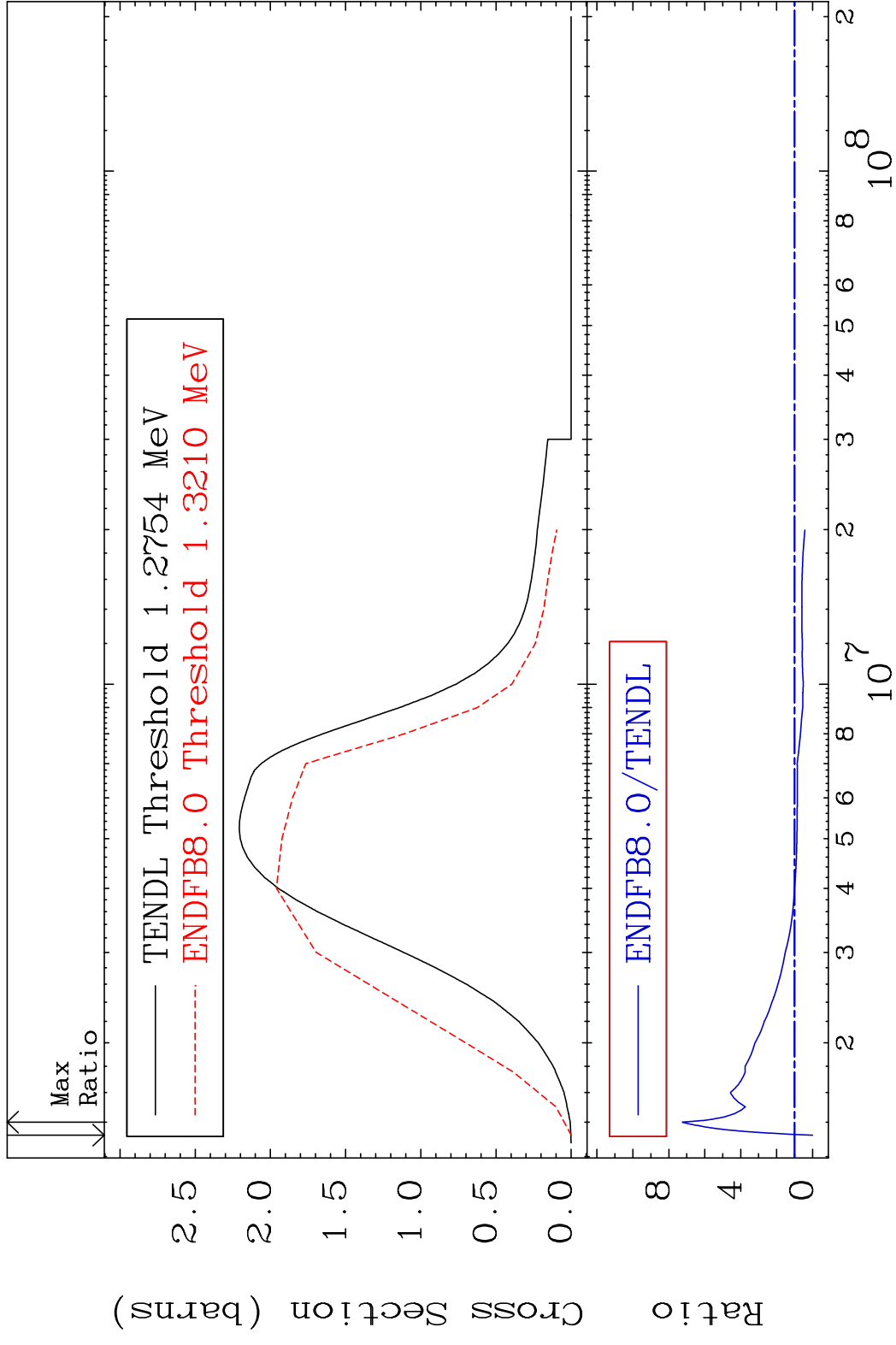


MAT 5240 MT= 67 (n, n') Level 52-Te-125
 Cross Section -100.0 To 63.95 %



25 Incident Energy (eV) 52-Te-125

MAT 5240 (n, n') Continuum 52-Te-125
 Cross Section -100.0 To 624.7 %

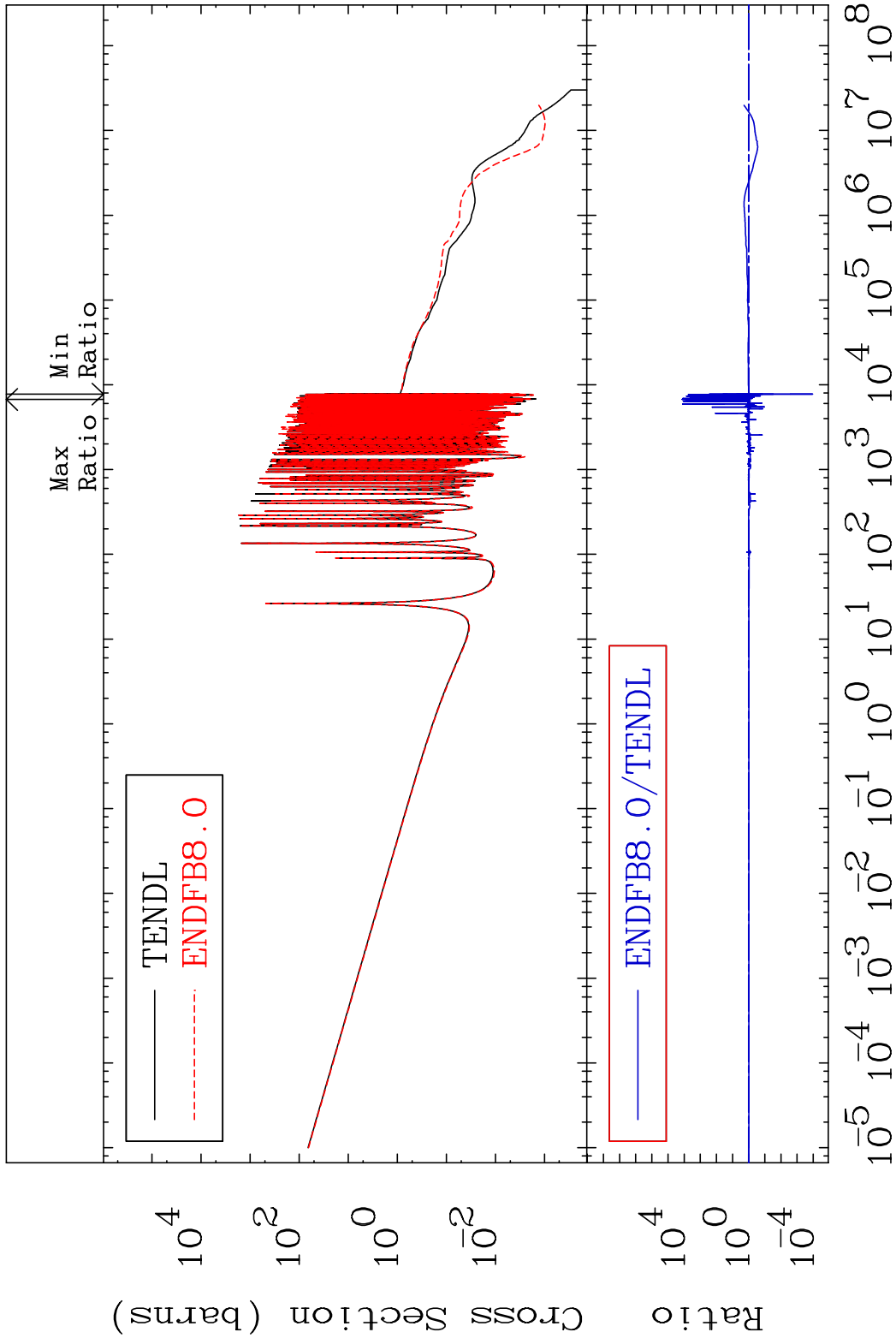


MAT 5240

(n, γ)

52-Te-125

Cross Section -99.99 To 9999. %



27

Incident Energy (eV)

52-Te-125

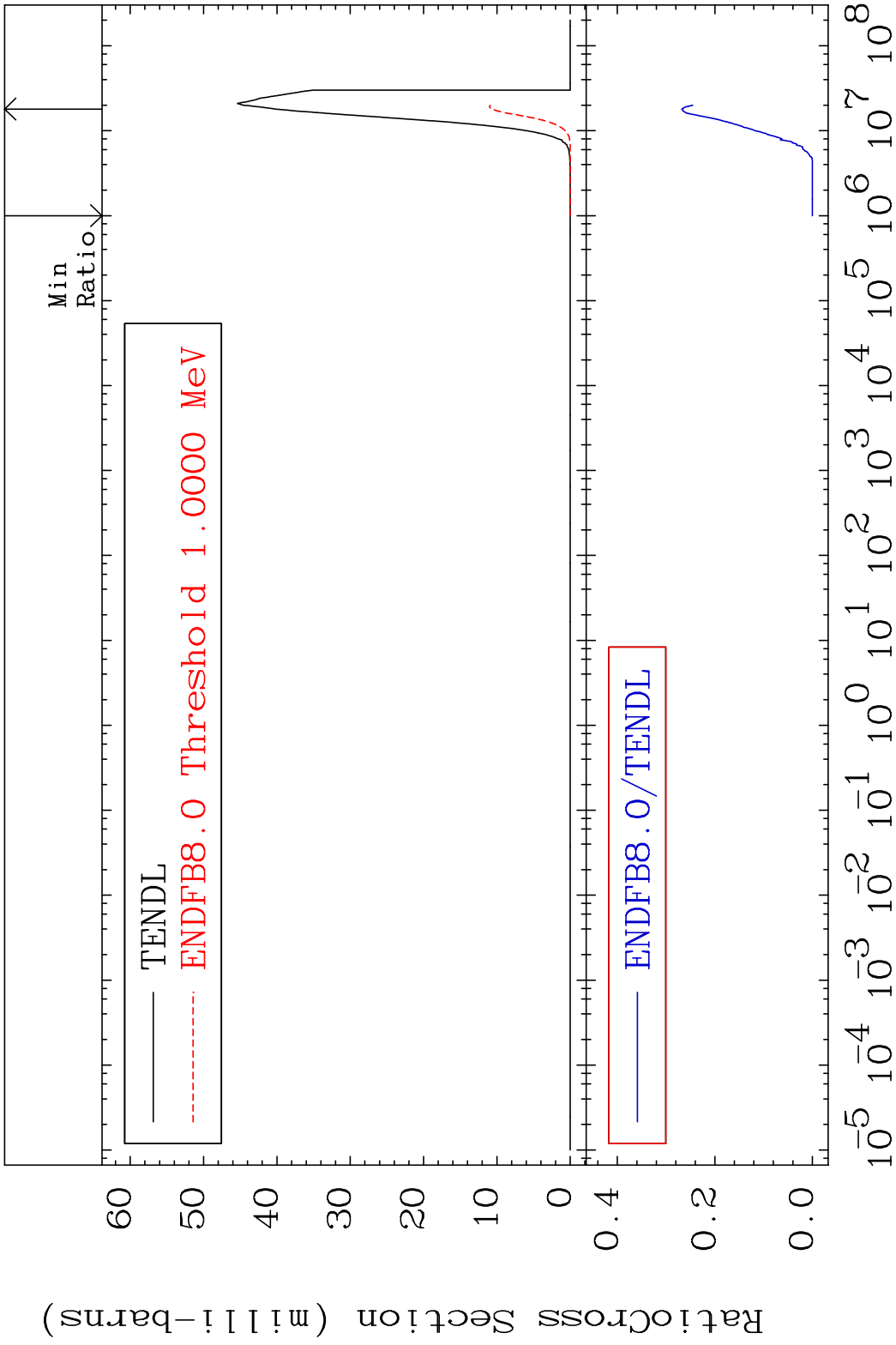
MAT 5240

(n, p)

52-Te-125

Cross Section

-100.0 To -73.21%



28

Incident Energy (eV)

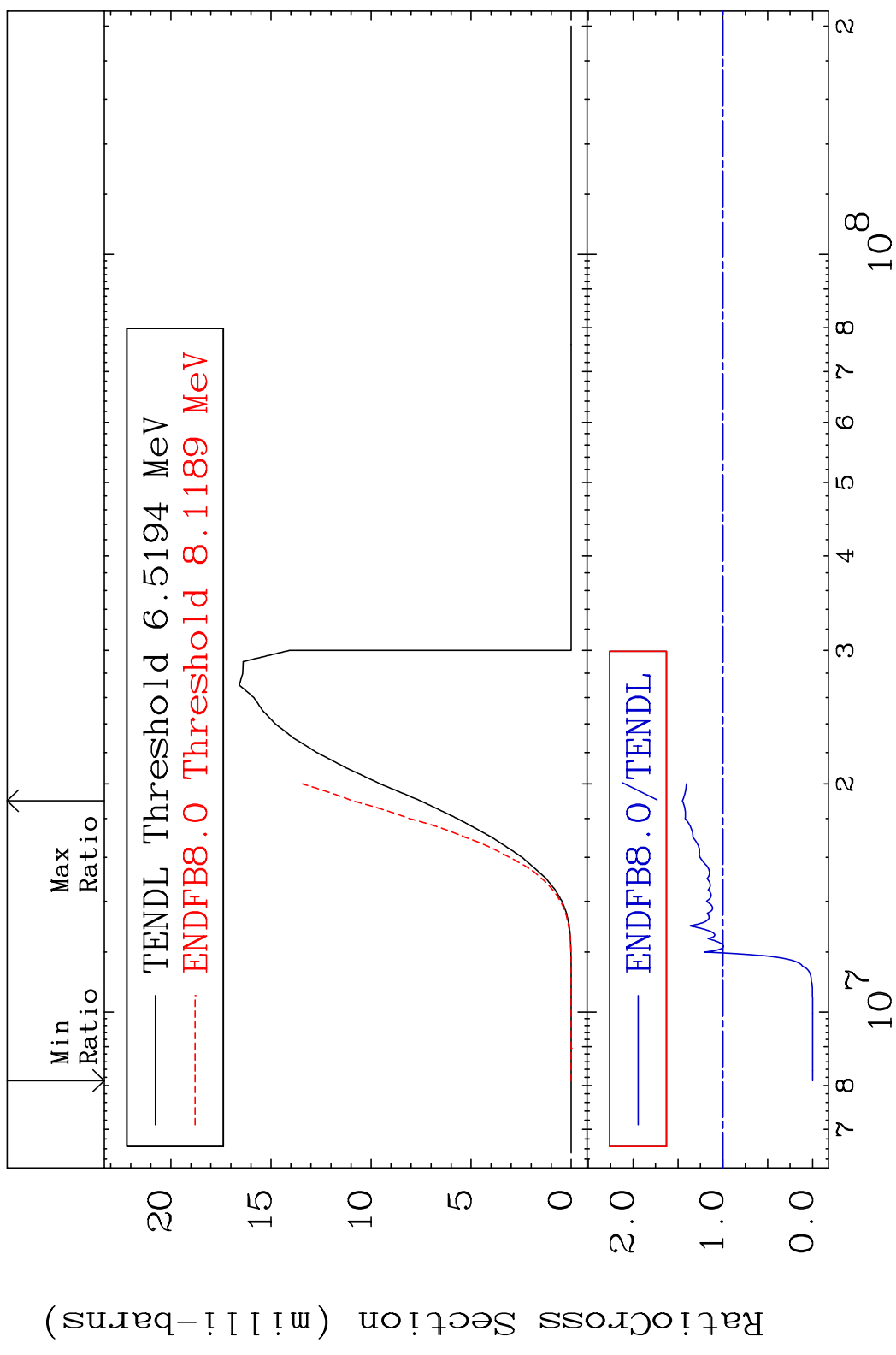
52-Te-125

MAT 5240

(n, d)

52-Te-125

Cross Section -100.0 To 45.10 %

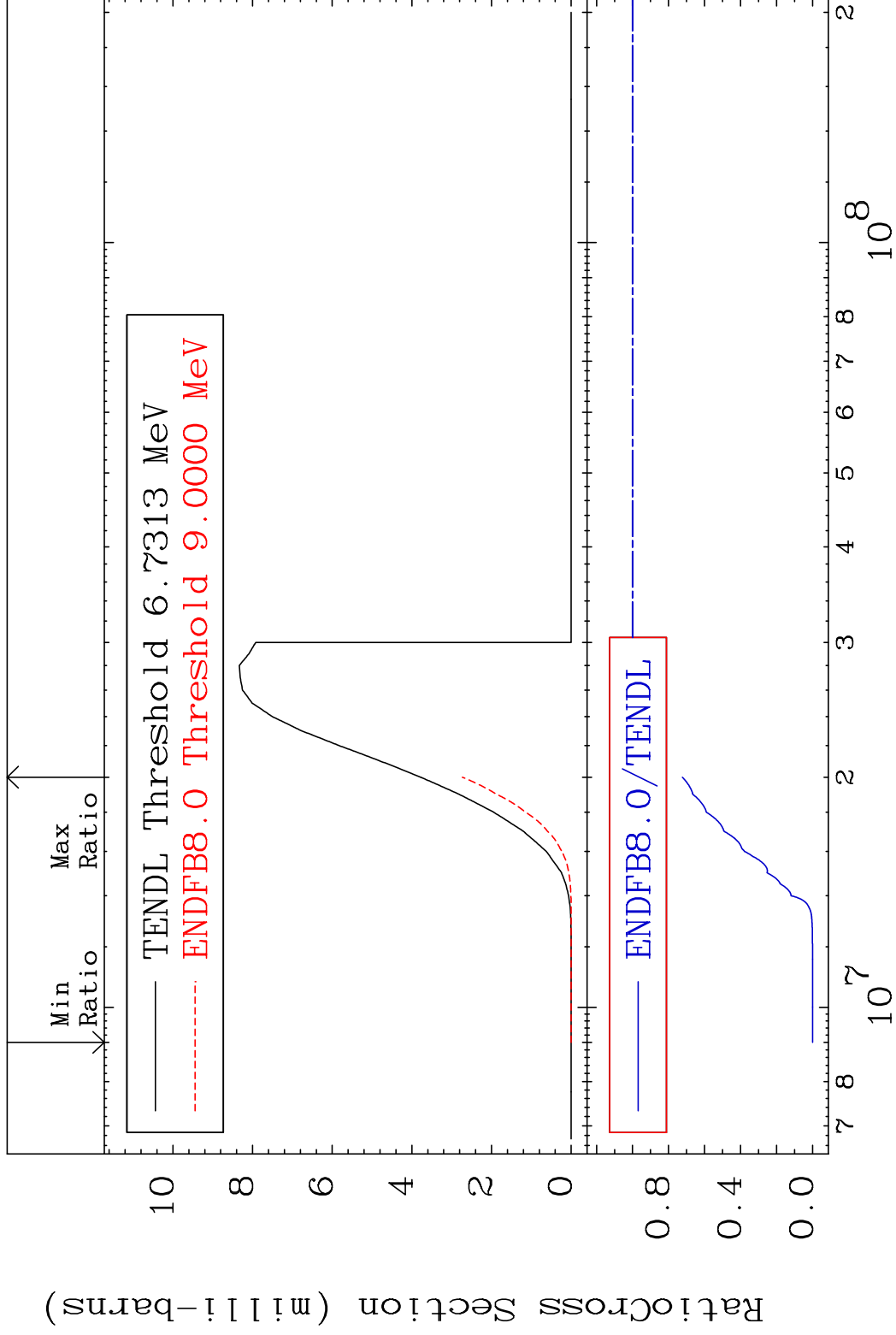


MAT 5240

(n, t)

52-Te-125

Cross Section -100.0 To -27.67%

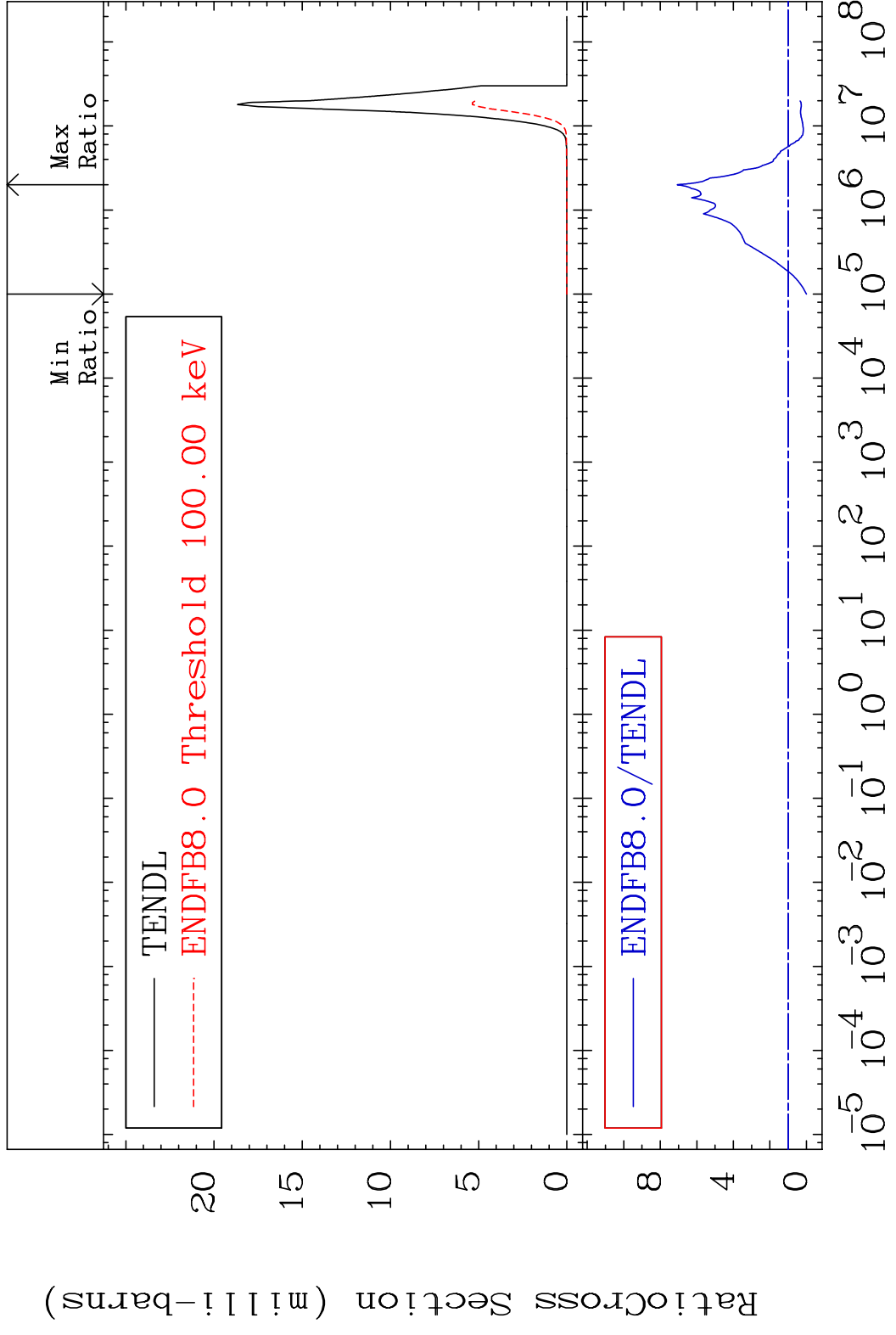


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Incident Energy (eV)

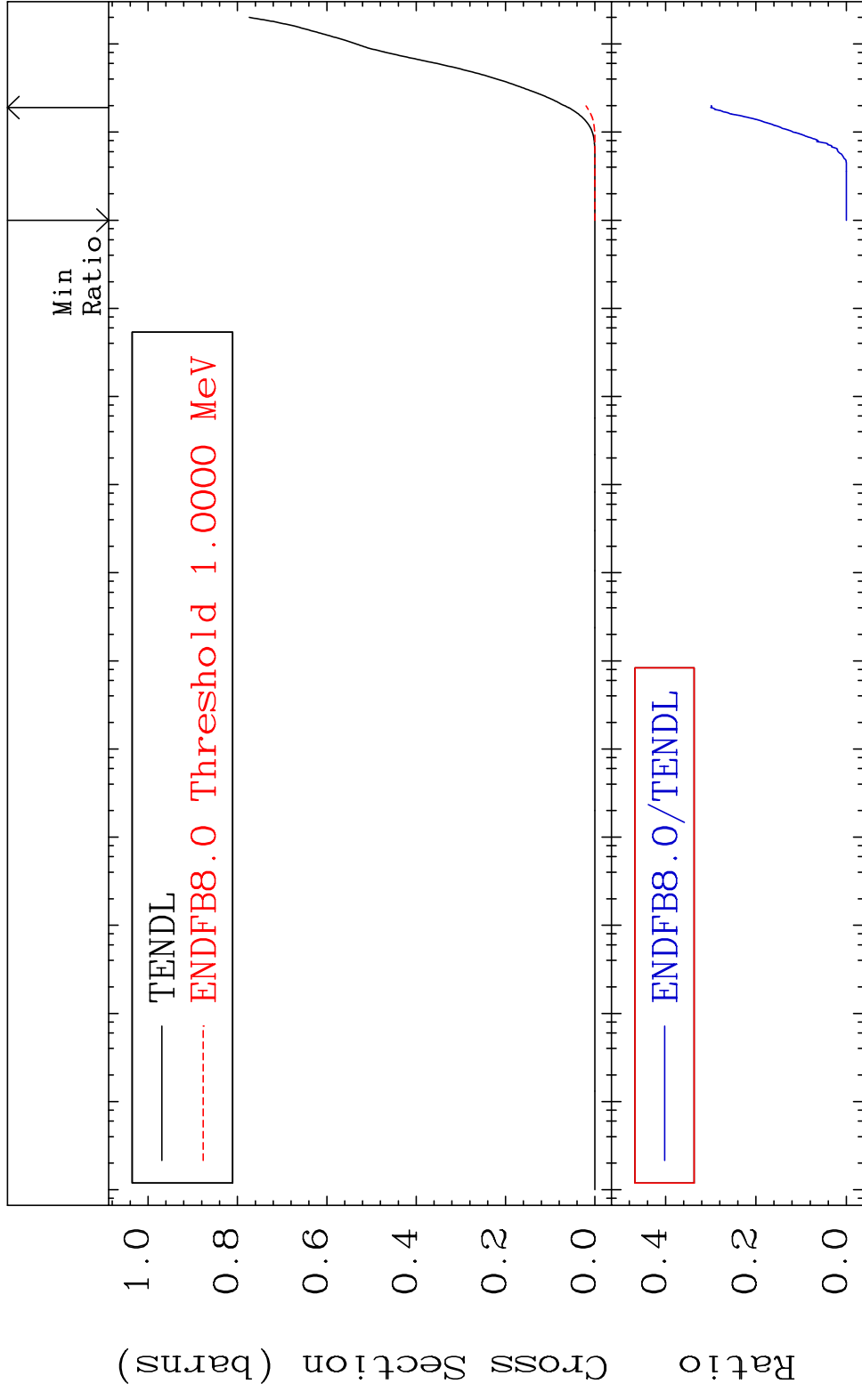
52-Te-125

MAT 5240 (n, α) 52-Te-125
 Cross Section -100.0 To 607.4 %



31 Incident Energy (eV) 52-Te-125

MAT 5240 Hydrogen Production 52-Te-125
 Cross Section -100.0 To -70.00%

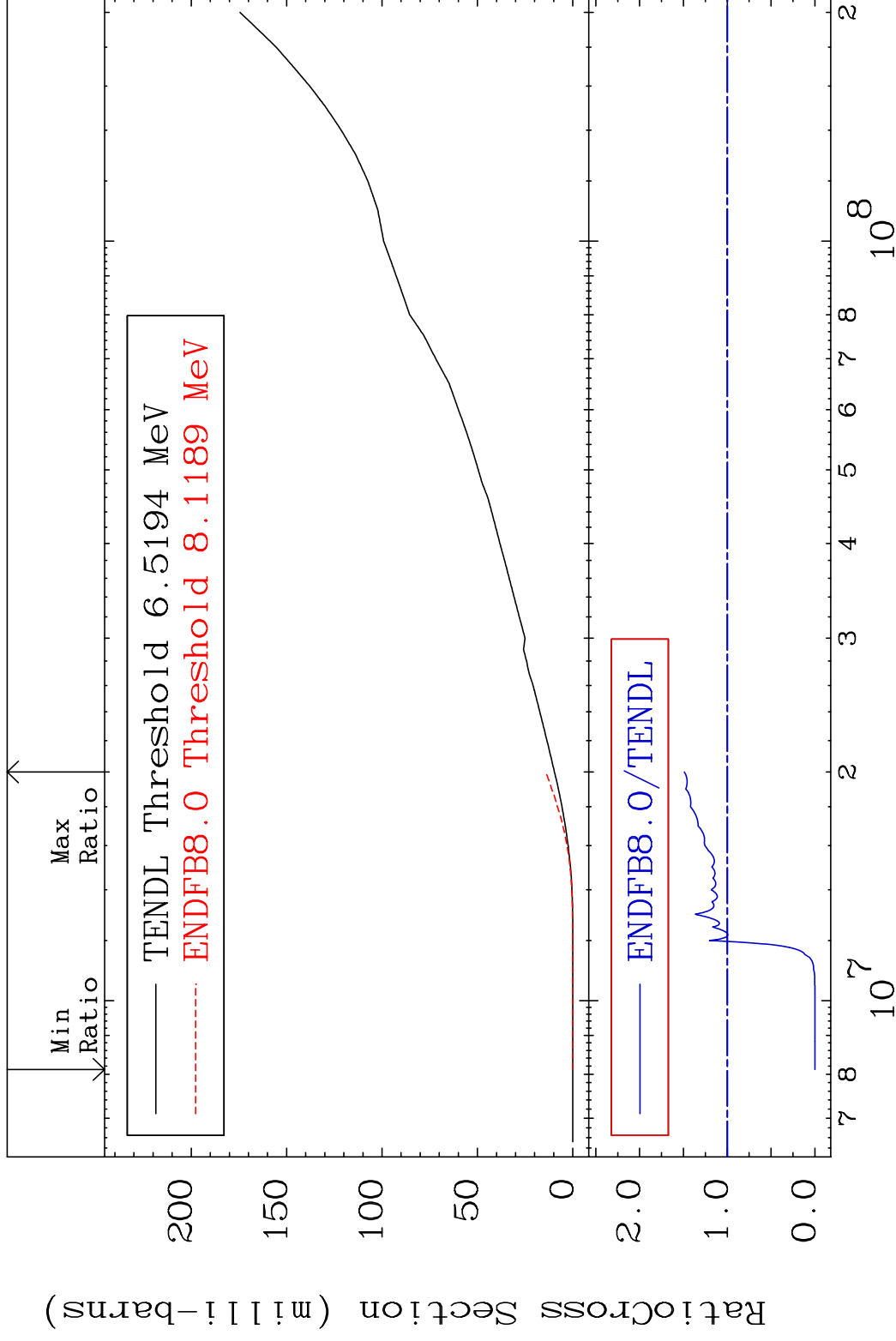


MAT 5240

Deuterium Production

52-Te-125

Cross Section -100.0 To 49.01 %



33

Incident Energy (eV)

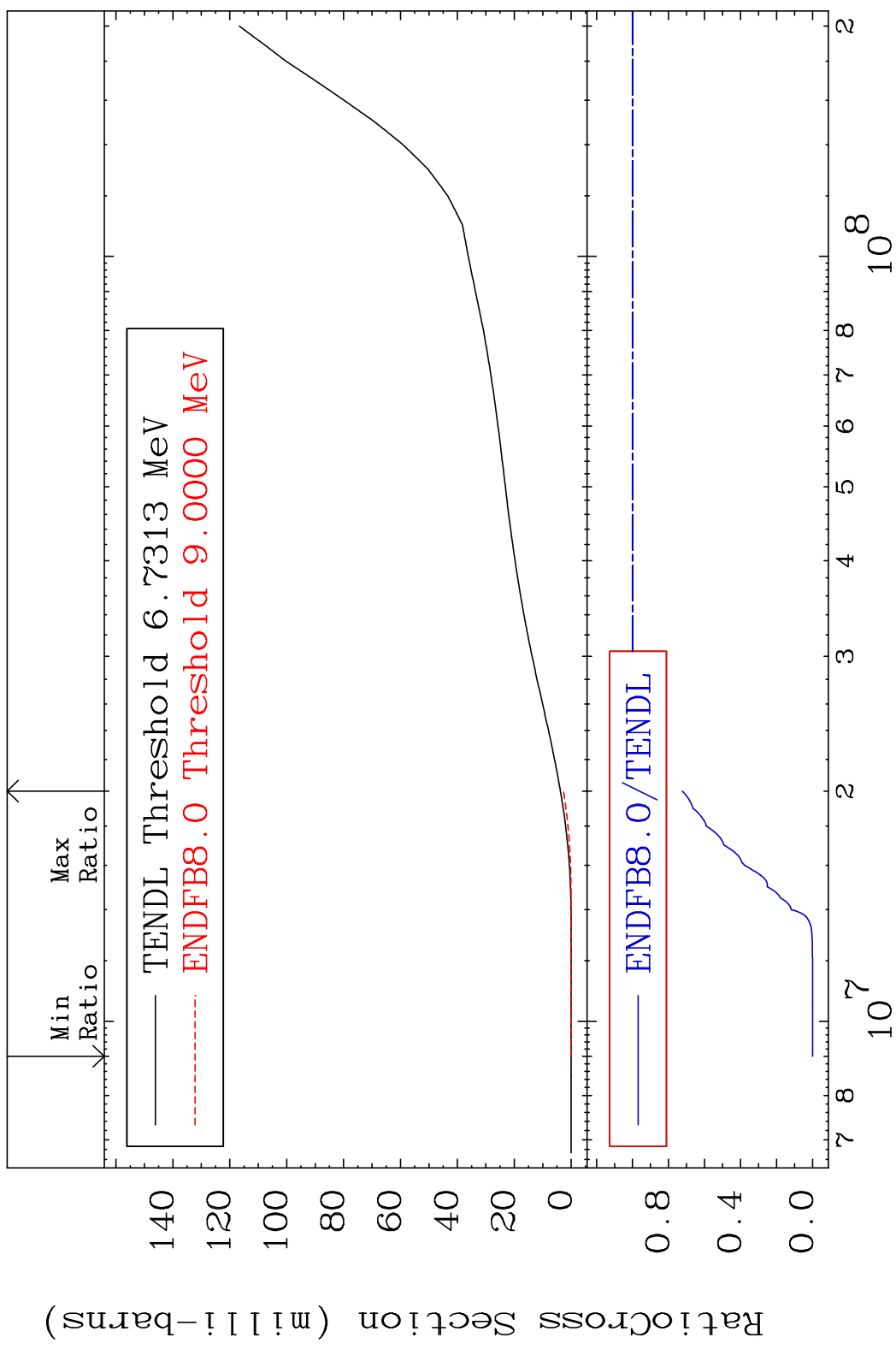
52-Te-125

MAT 5240

Tritium Production

52-Te-125

Cross Section -100.0 To -27.67%

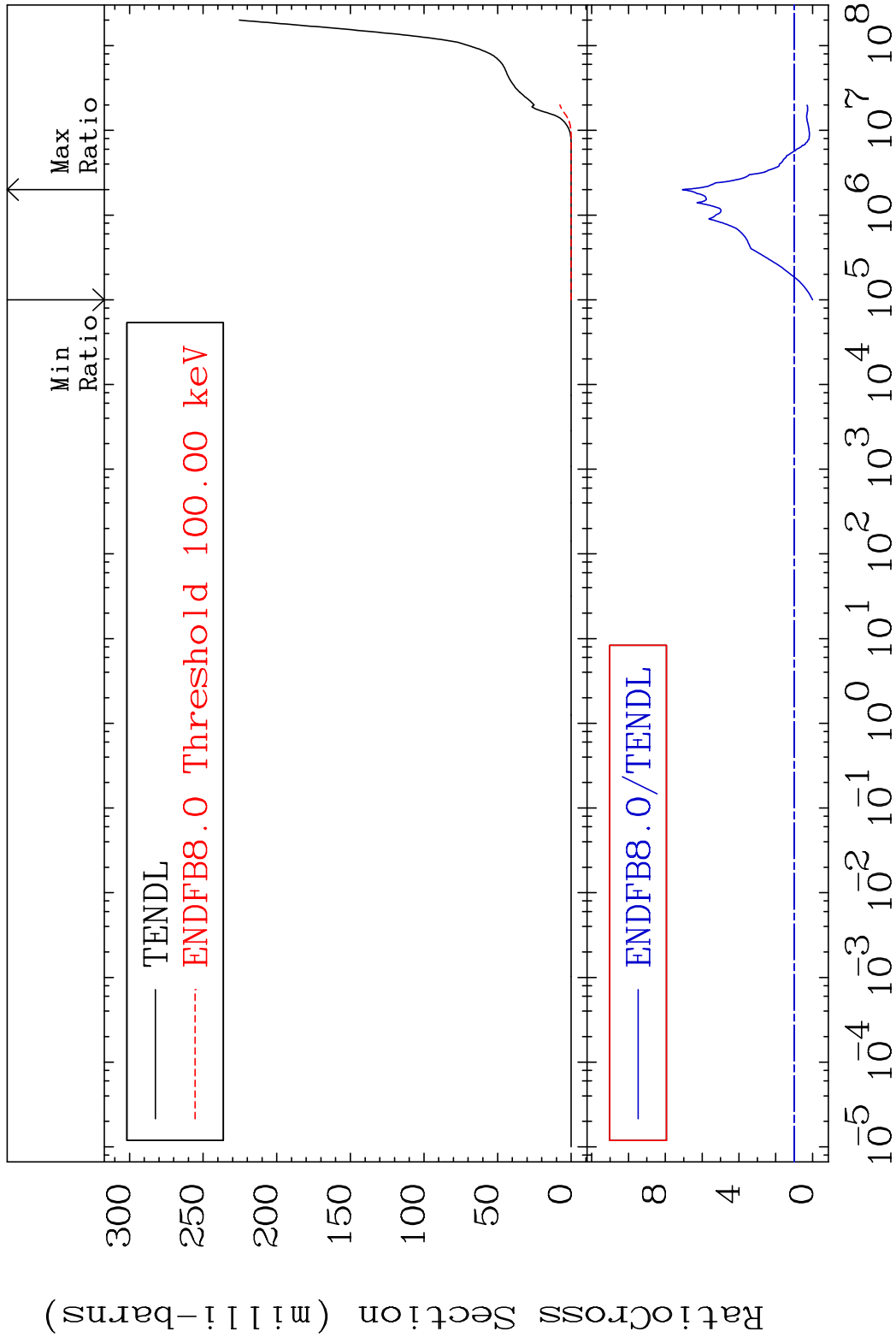


MAT 5240

He-4 Production

52-Te-125

Cross Section -100.0 To 607.4 %

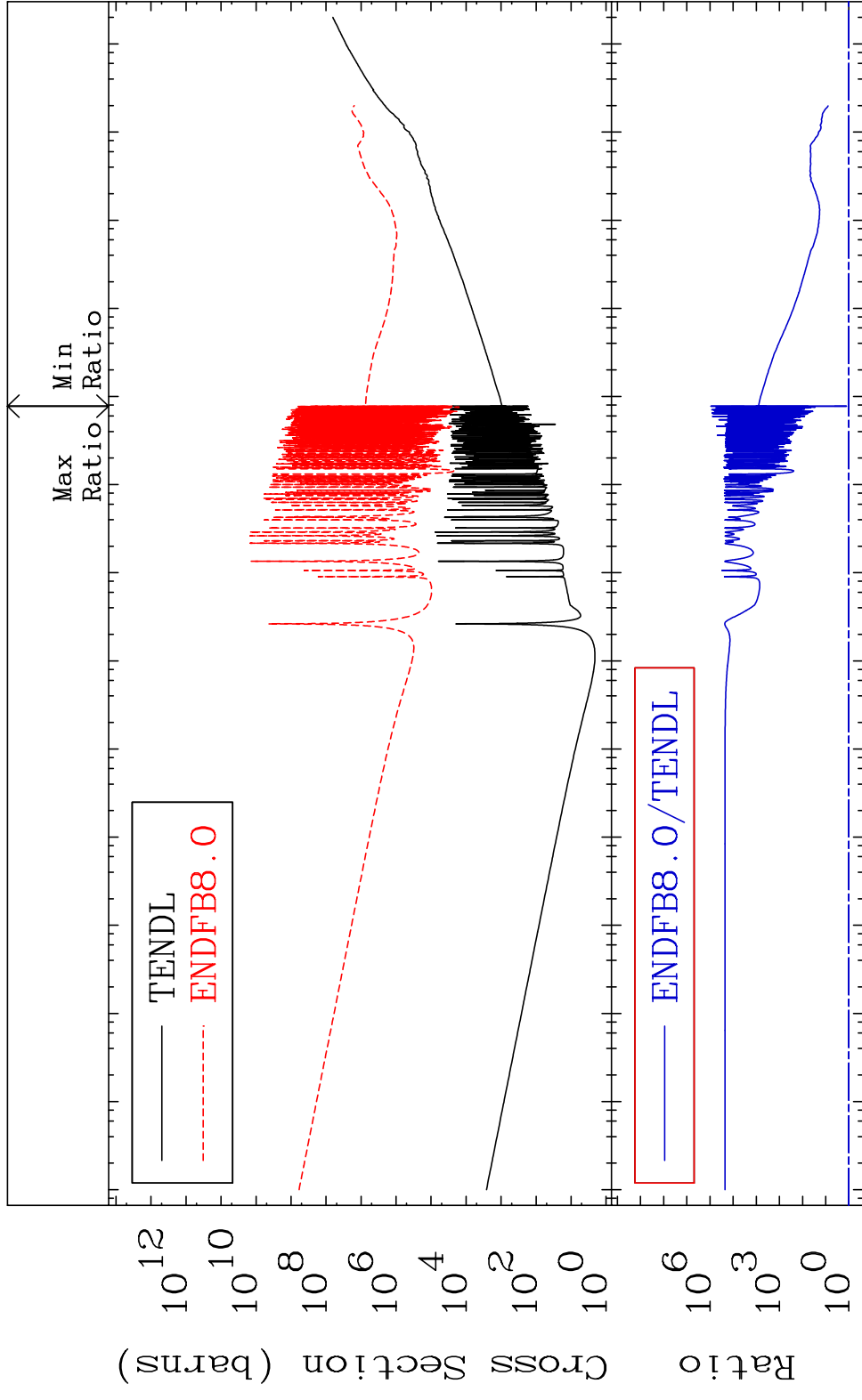


35

Incident Energy (eV)

52-Te-125

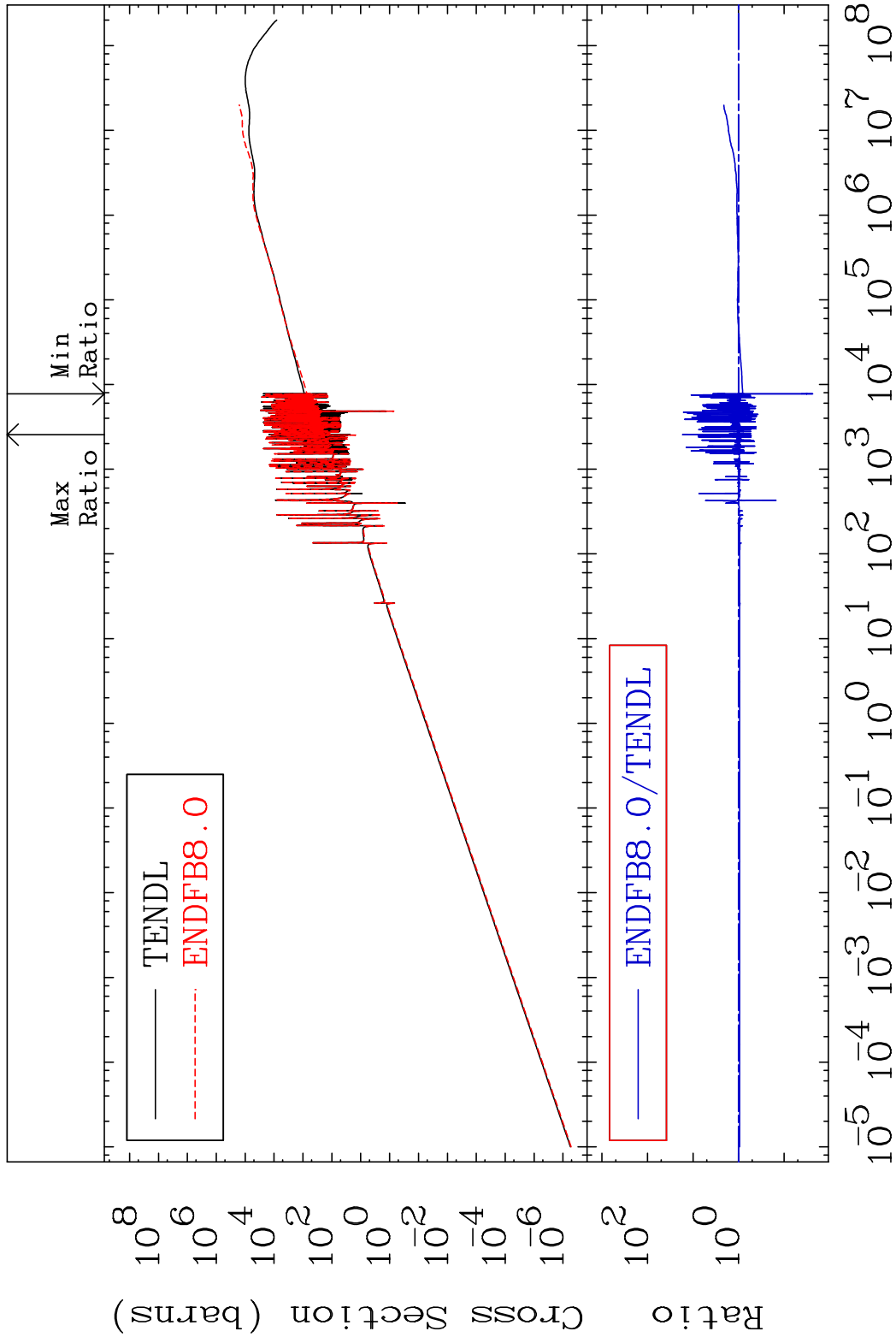
MAT 5240 Kerma total (eV-barns) 52-Te-125
 Cross Section 28.76 To 9999. %



MAT 5240

Kerma elastic
Cross Section

52-Te-125
-97.64 To 1614. %

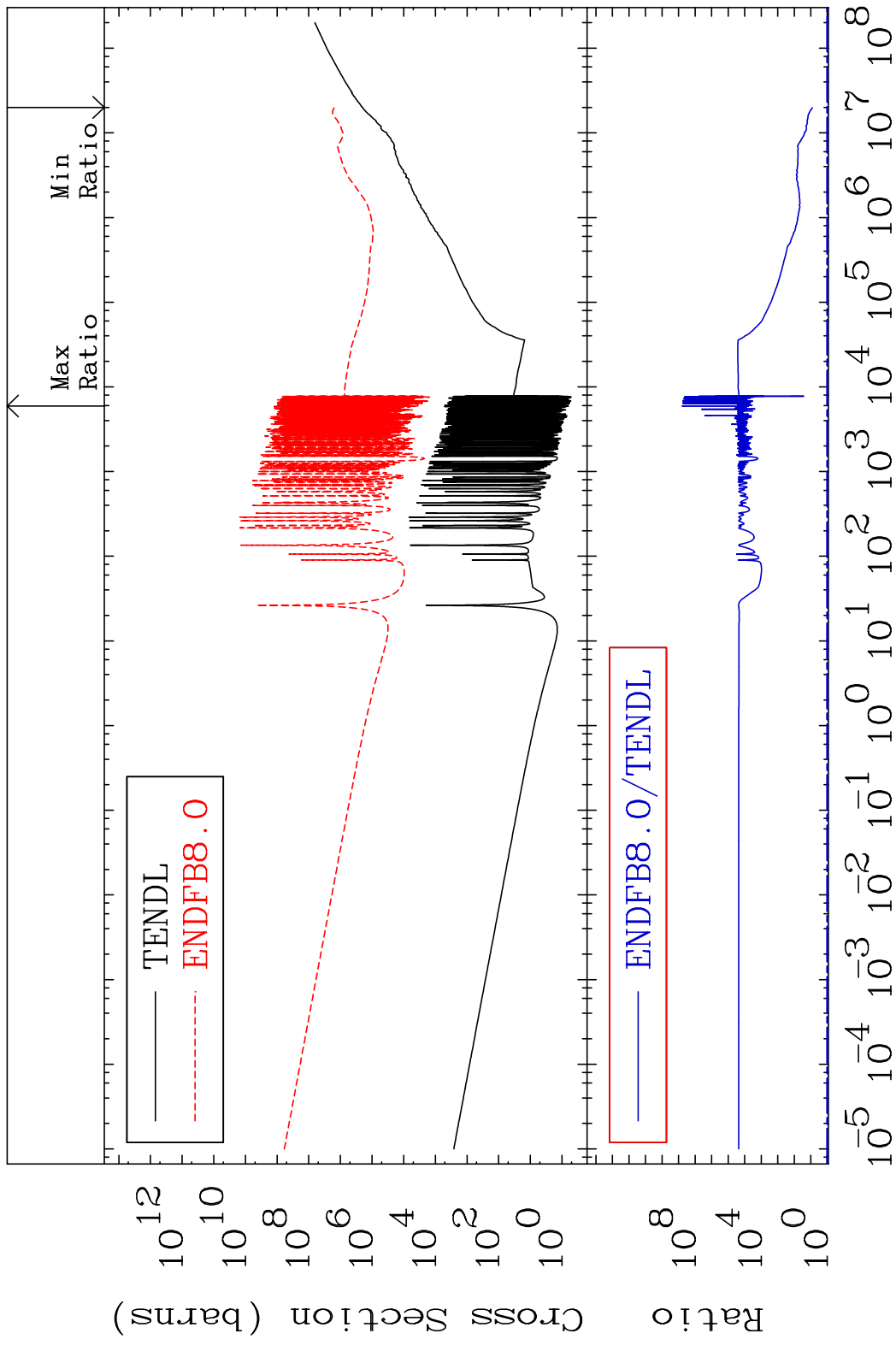


37

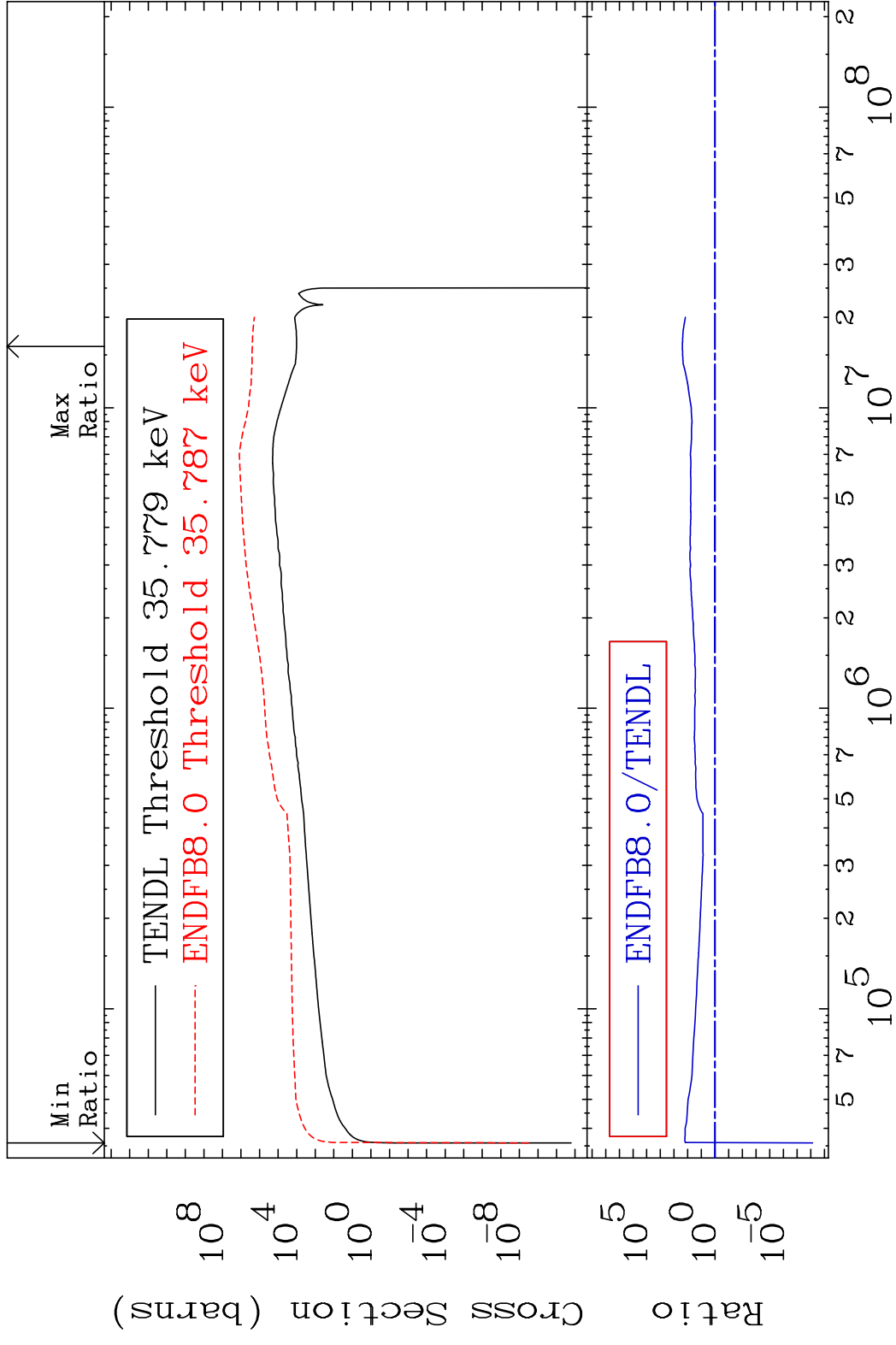
Incident Energy (eV)

52-Te-125

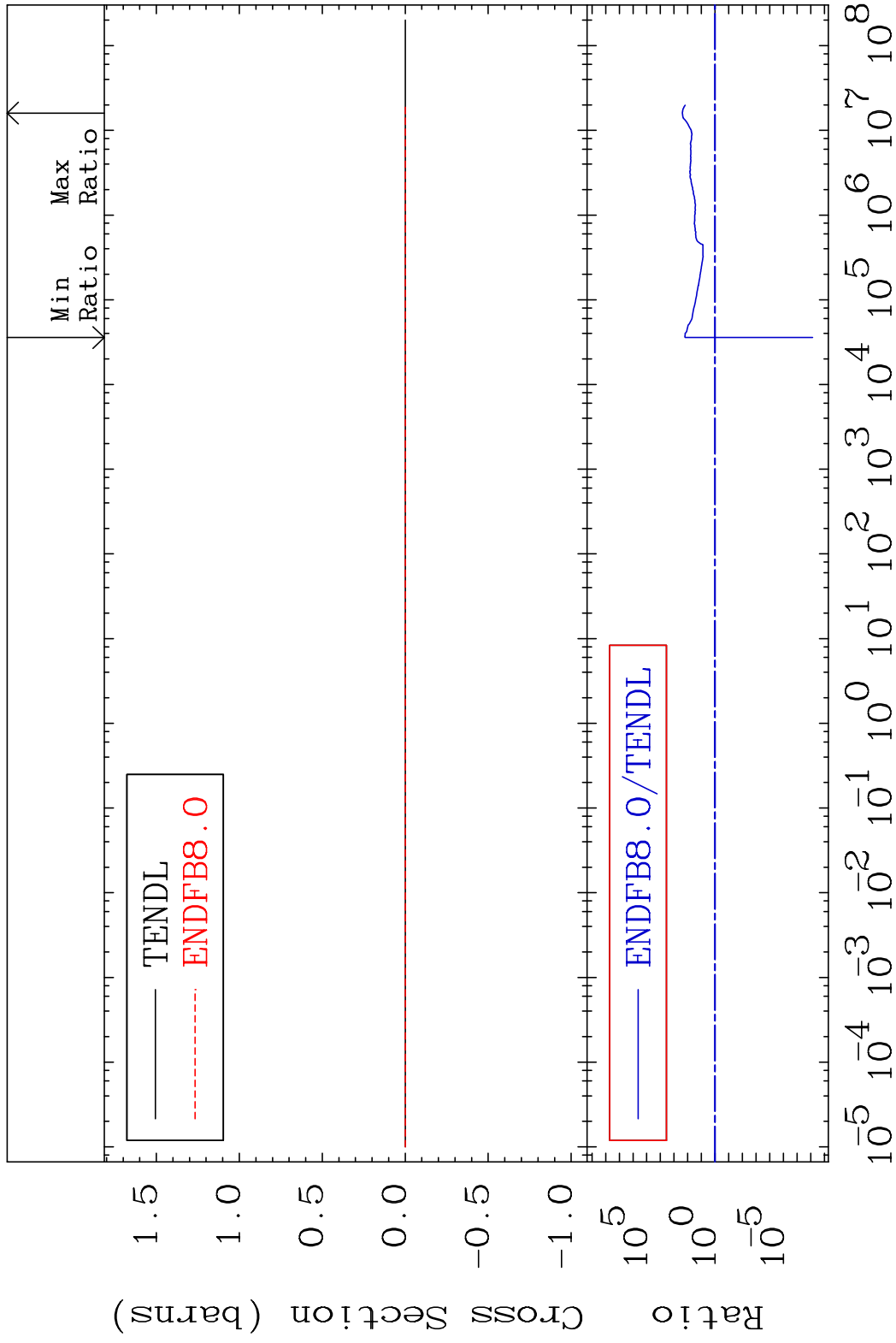
MAT 5240 Kerma non-elastic (all but mt2) 52-Te-125
 Cross Section 680.7 To 9999. %



MAT 5240 Kerma inelastic (mt51-91) 52-Te-125
 Cross Section -100.0 To 9999. %



MAT 5240 Kerma fission (mt18 or mt19-20-21-38) ⁵²Te-125
 Cross Section -100.0 To 9999. %



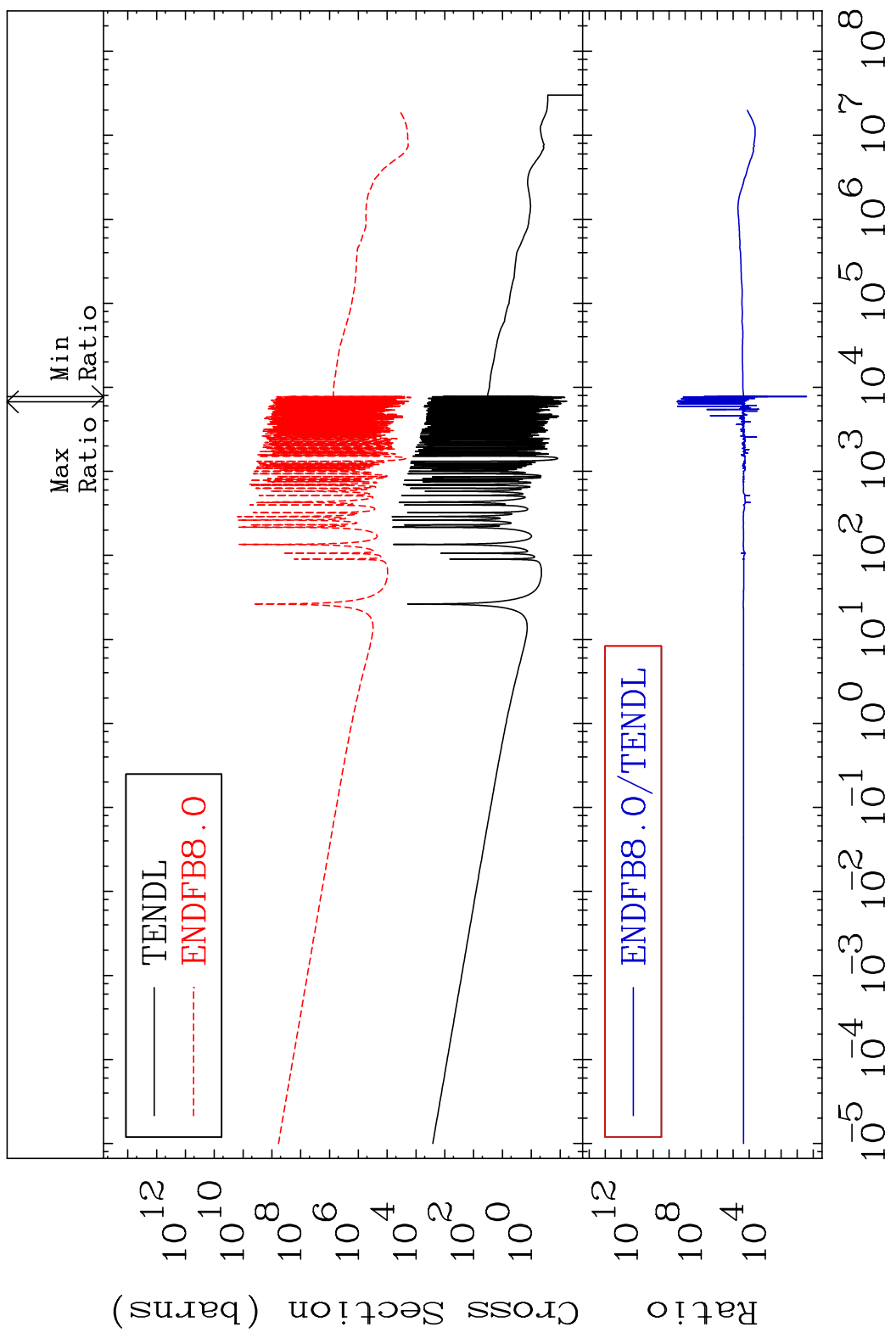
40

Incident Energy (eV)

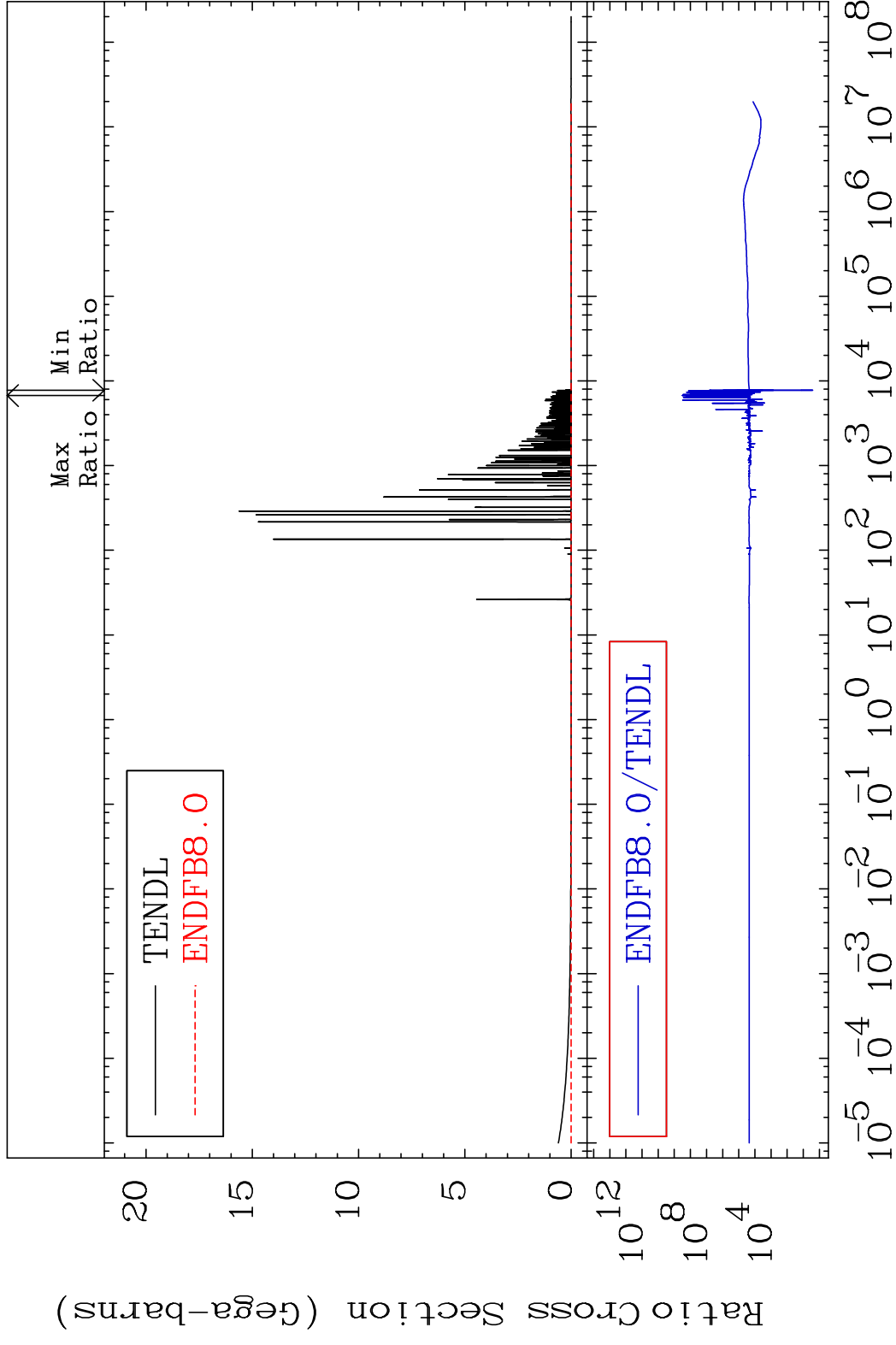
⁵²Te-125

MAT 5240

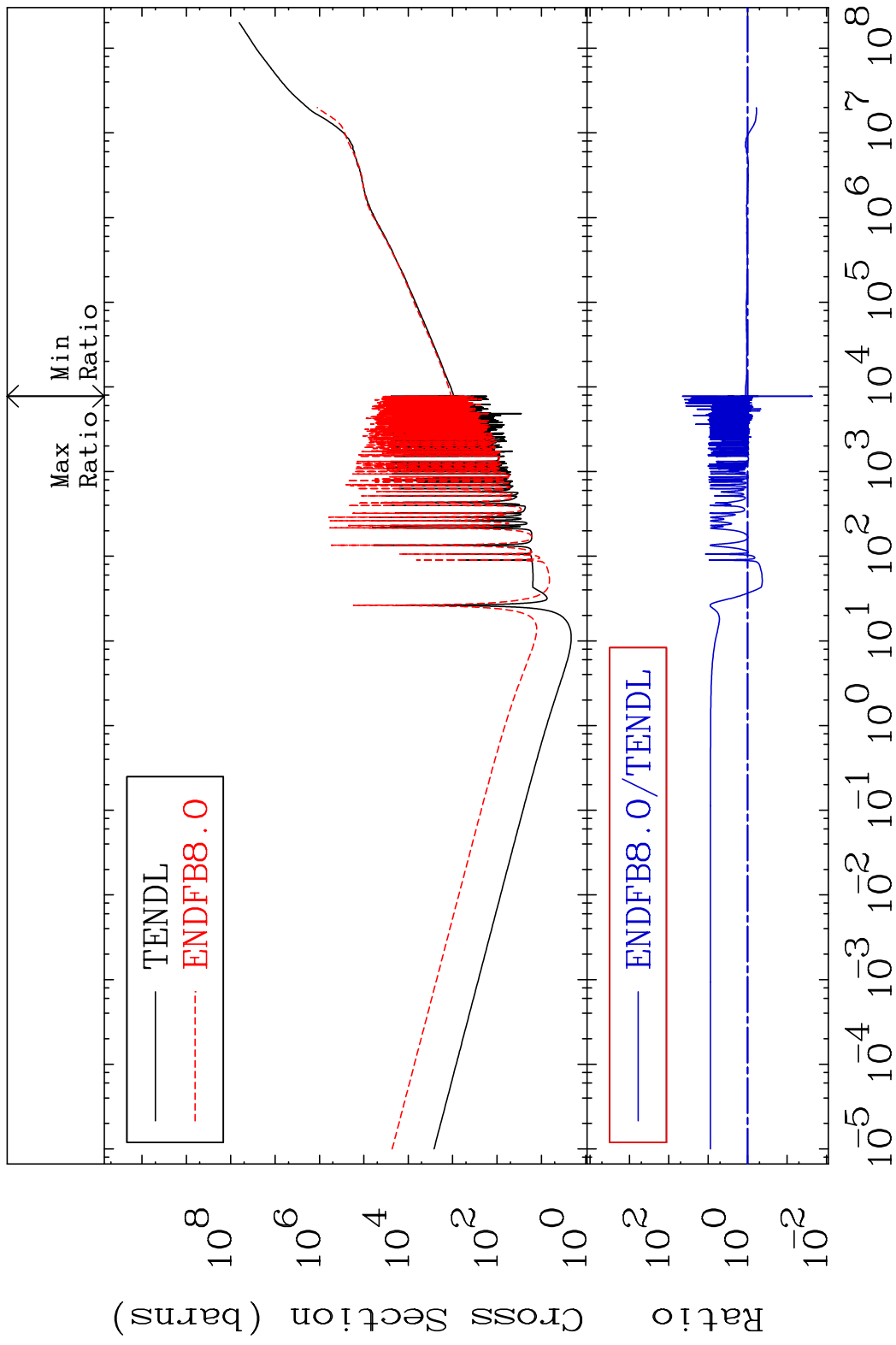
Kerma capture (mt102) 52-Te-125
Cross Section 2559. To 9999. %



MAT 5240 Total photon (eV-barns) 52-Te-125
 Cross Section 2559. To 9999. %



MAT 5240 Total kinematic kerma (high limit) 52-Te-125
 Cross Section -97.75 To 4429. %

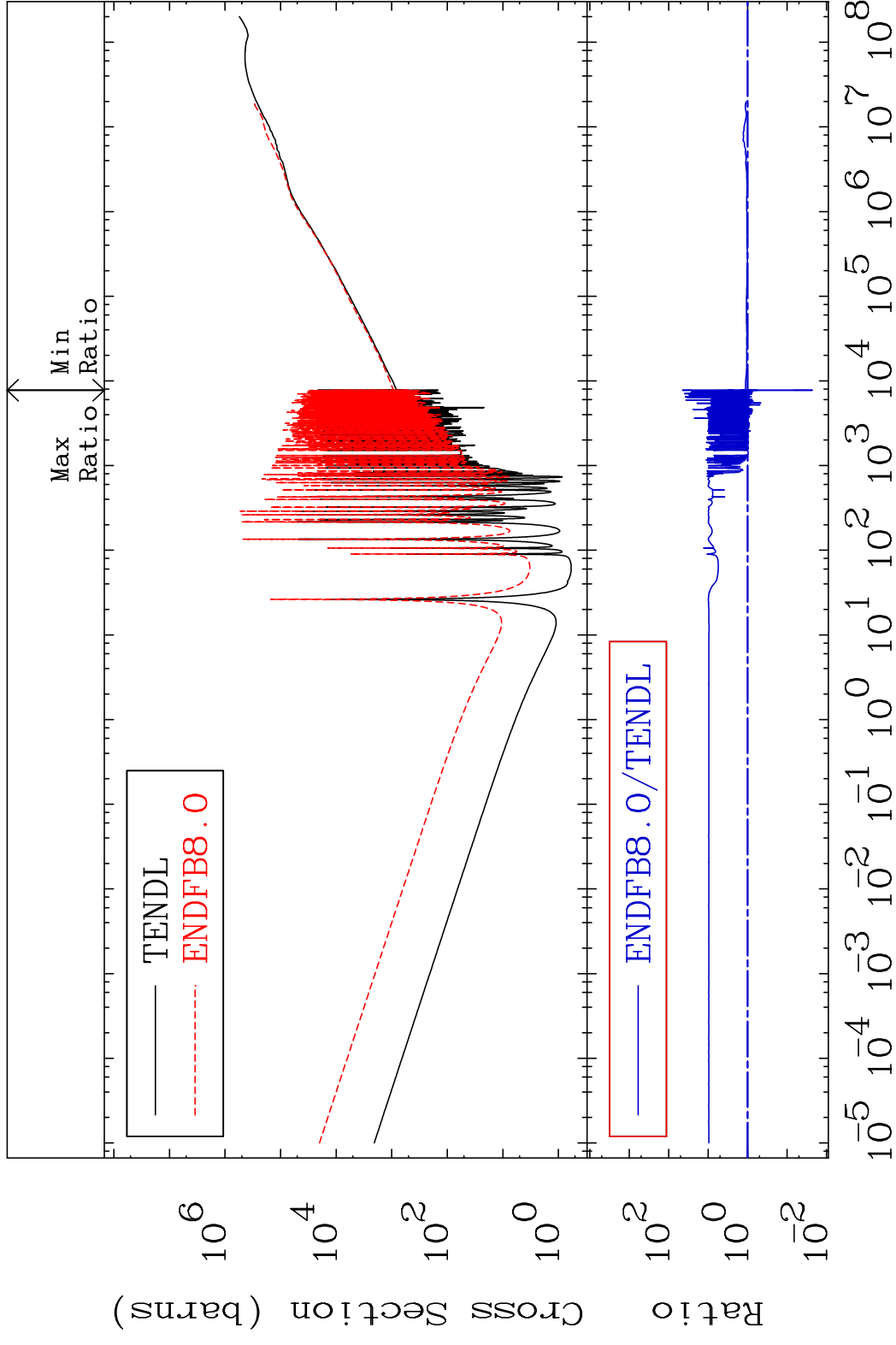


MAT 5240

Dpa total (eV-barns)

52-Te-125

Cross Section -97.73 To 4406. %

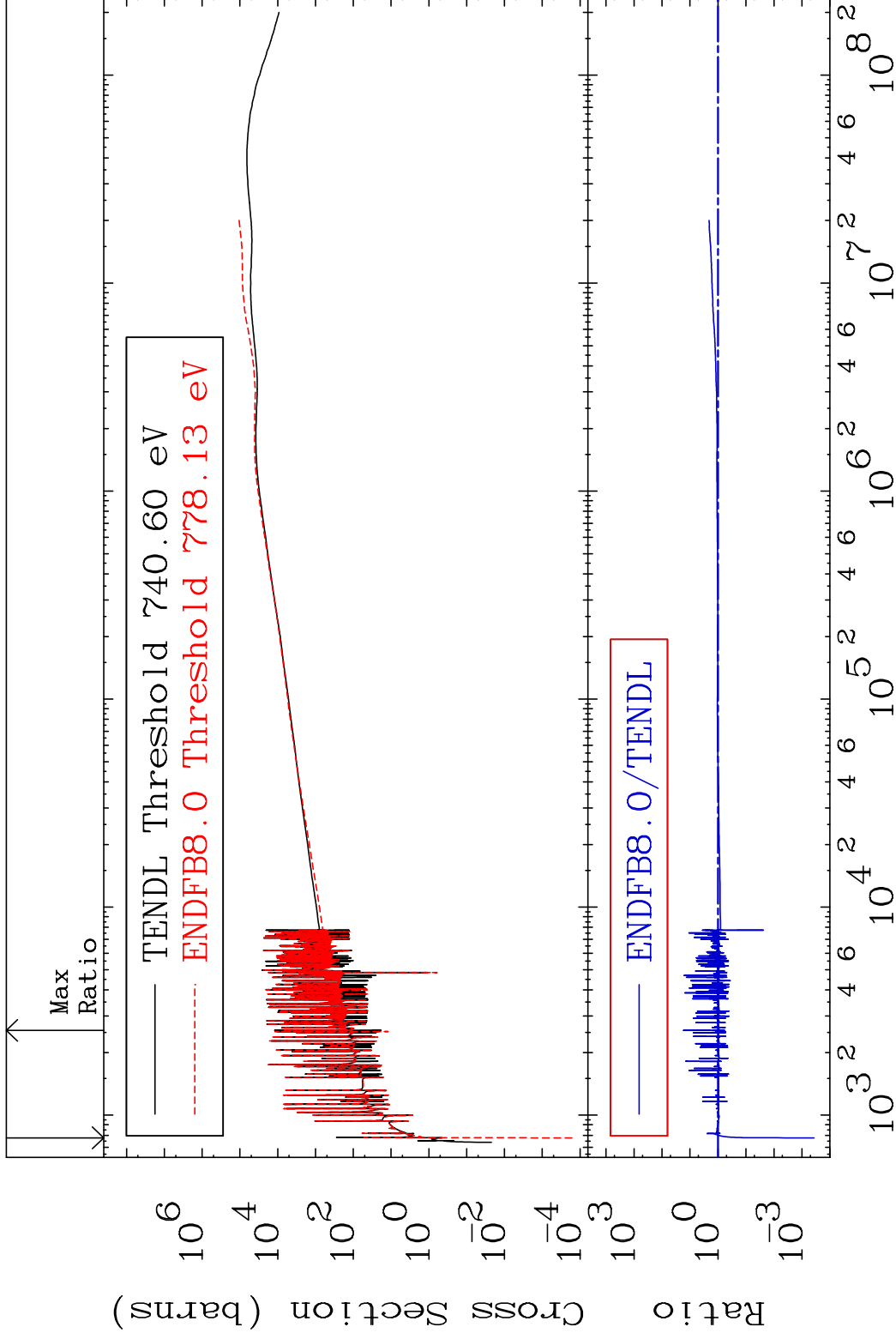


MAT 5240

Dpa elastic (mt2)

52-Te-125

Cross Section -99.96 To 1614. %

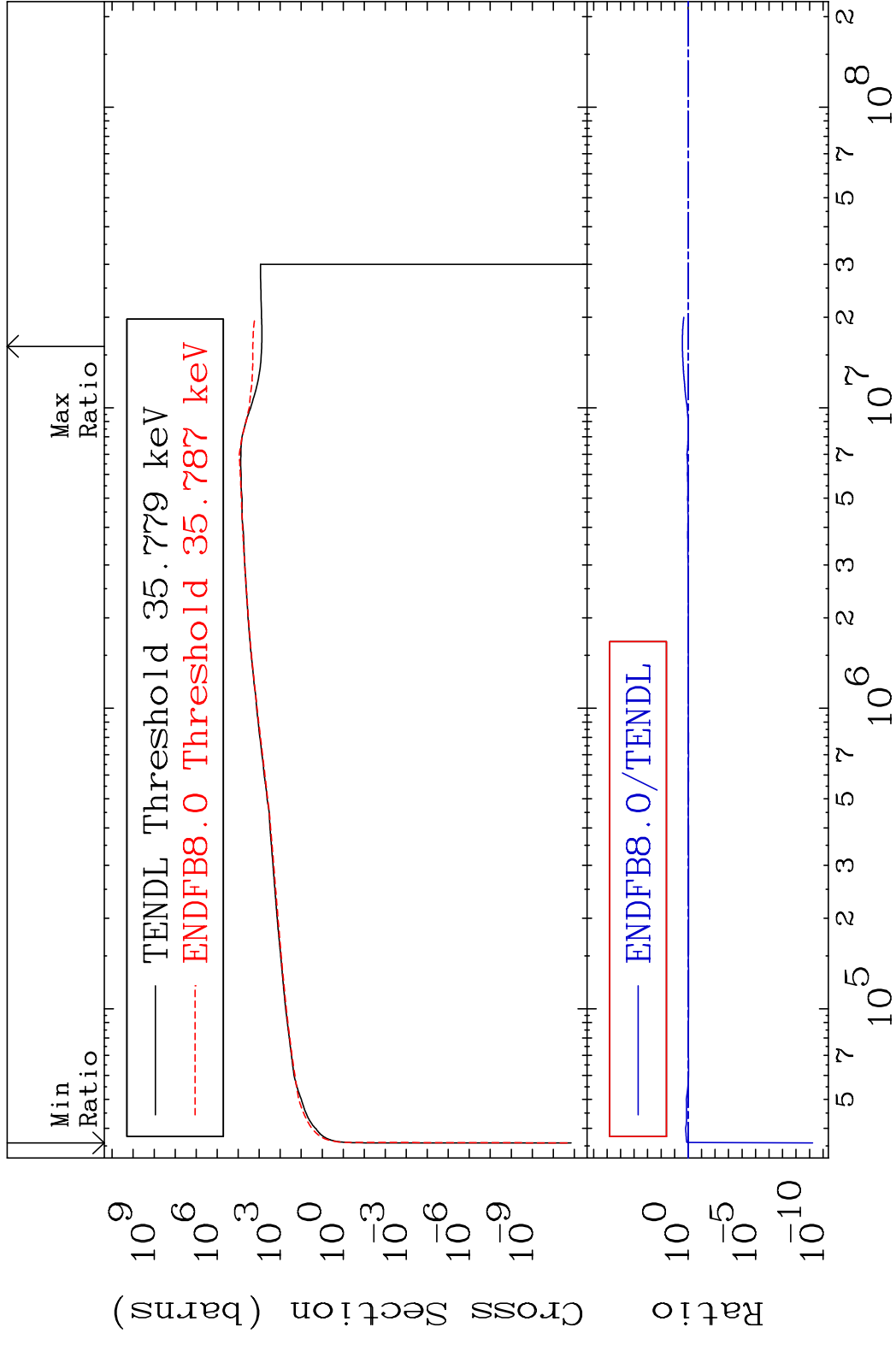


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Incident Energy (eV)

52-Te-125

MAT 5240 Dpa inelastic (mt51-91) 52-Te-125
 Cross Section -100.0 To 165.6 %



MAT 5240 Dpa disappearance (mt102 -120) 52-Te-125
 Cross Section -99.87 To 9999. %

