

Program Complot
(Version 2021-1)

by

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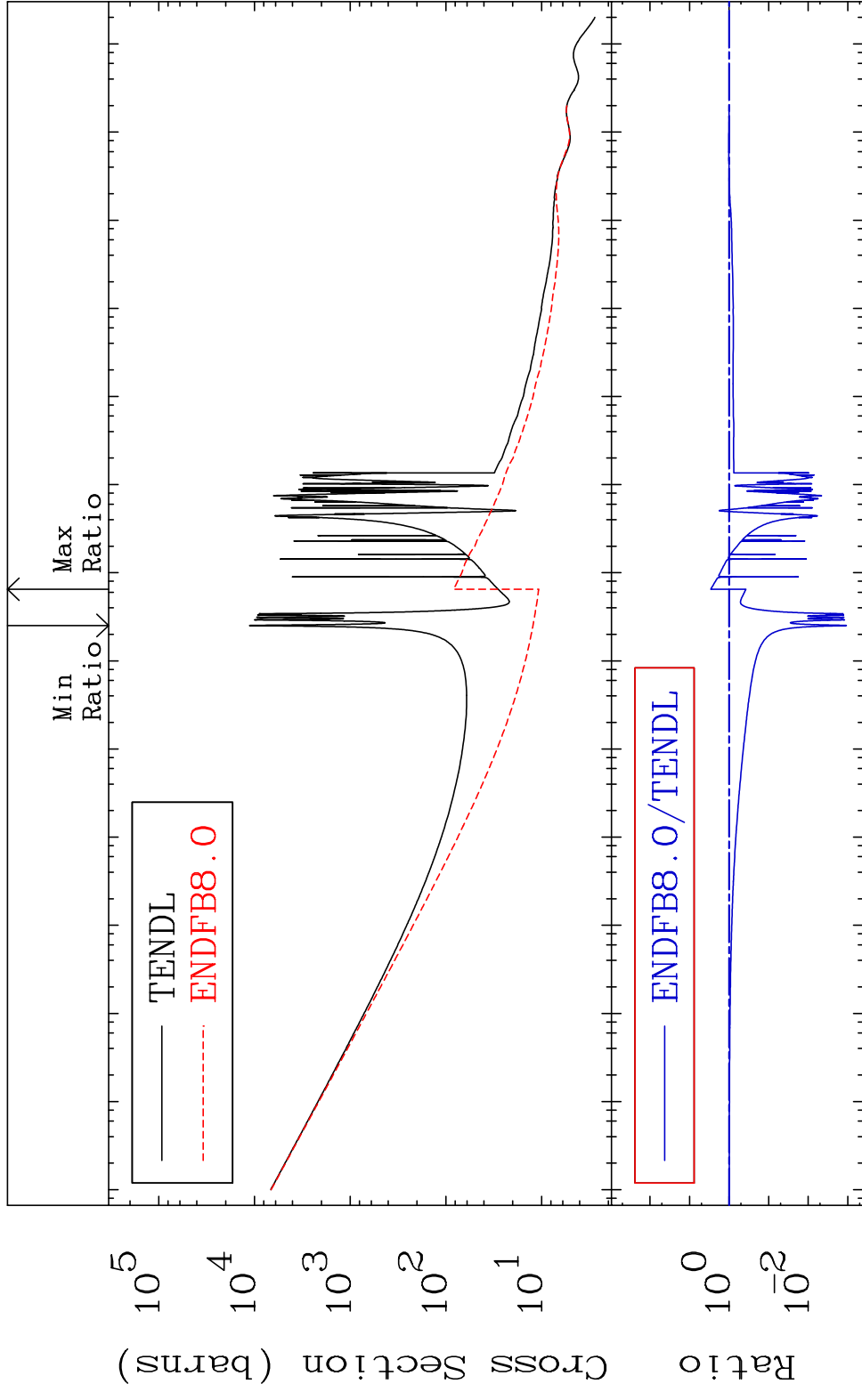
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7249

Total Cross Section -99.89 To 191.3 %

72-Hf-182



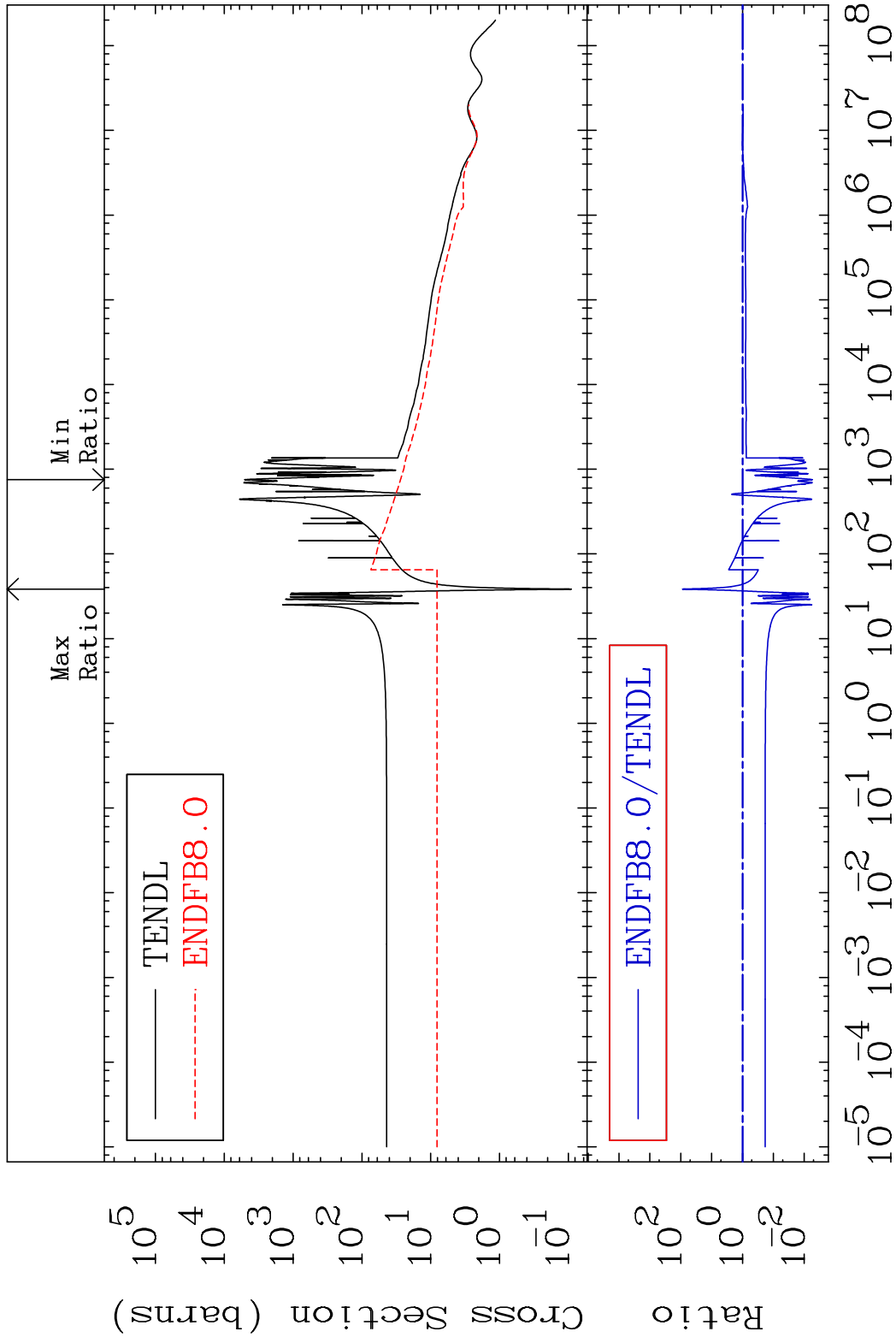
1 Incident Energy (eV) 72-Hf-182

MAT 7249

Elastic

72-Hf-182

Cross Section -99.46 To 8777. %



2

Incident Energy (eV)

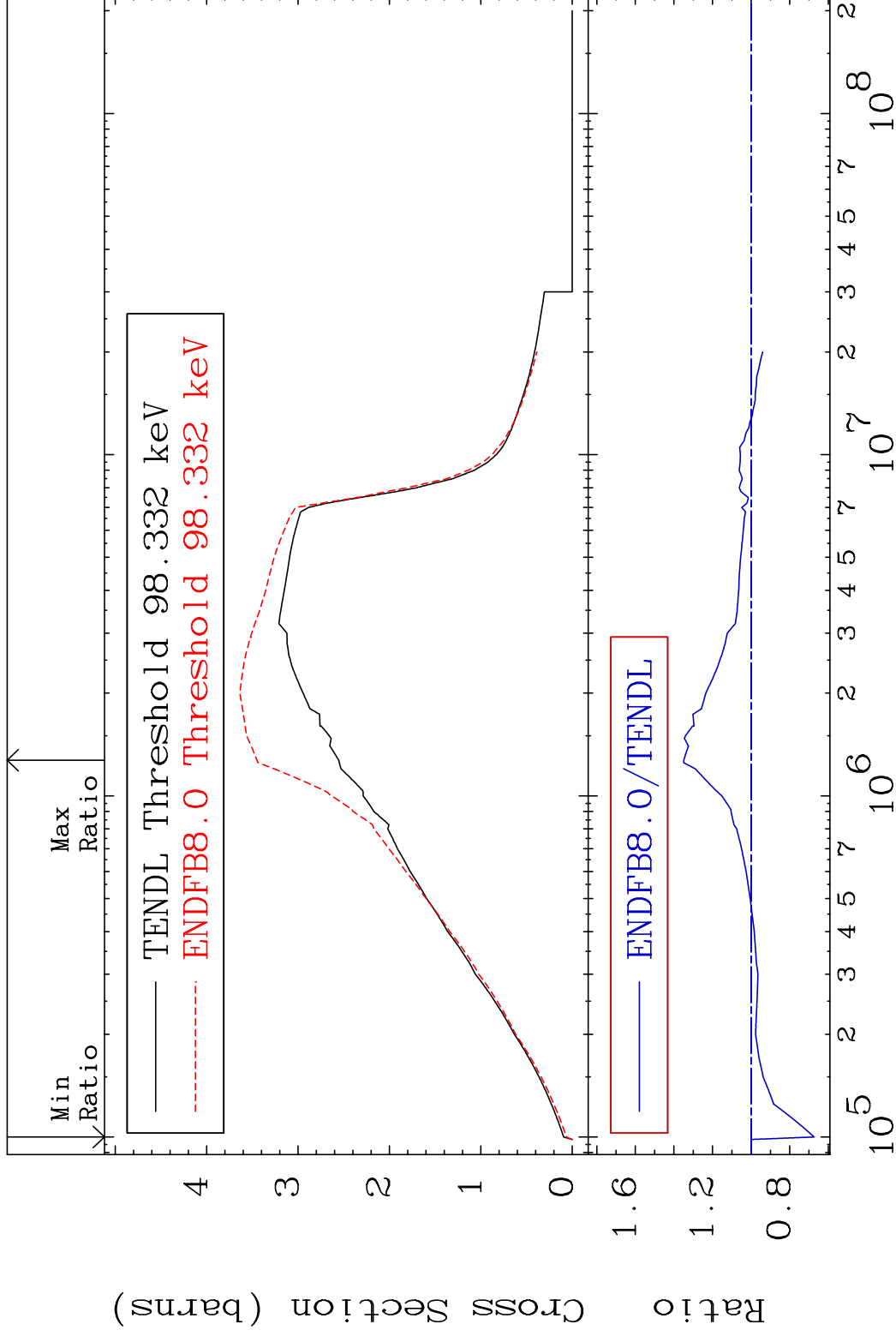
72-Hf-182

MAT 7249

Inelastic

72-Hf-182

Cross Section -32.64 To 34.97 %



3

Incident Energy (eV)

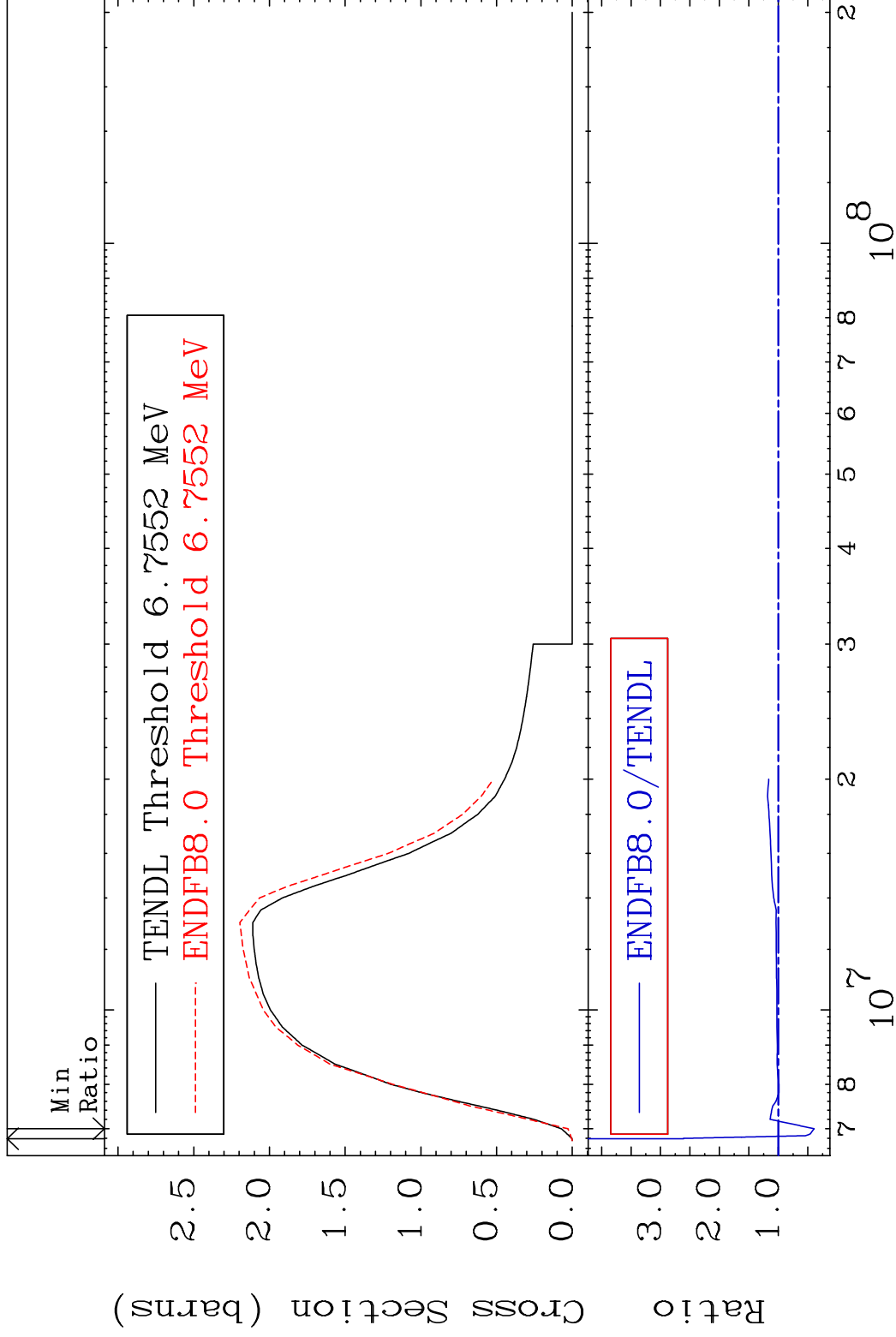
72-Hf-182

MAT 7249

(n,2n)

72-Hf-182

Cross Section -60.76 To 160.7 %

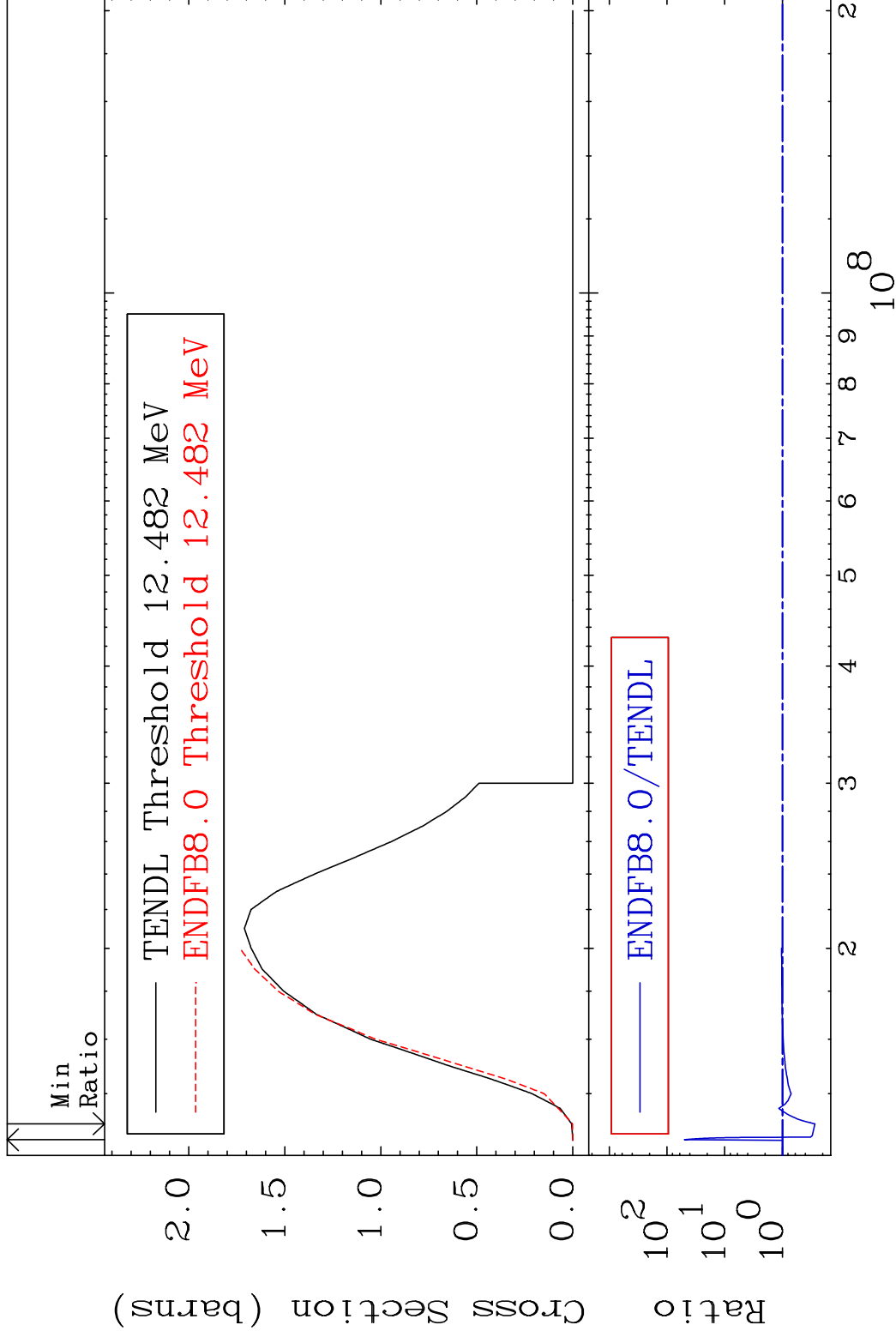


MAT 7249

(n,3n)

72-Hf-182

Cross Section -72.64 To 4905. %



5

Incident Energy (eV)

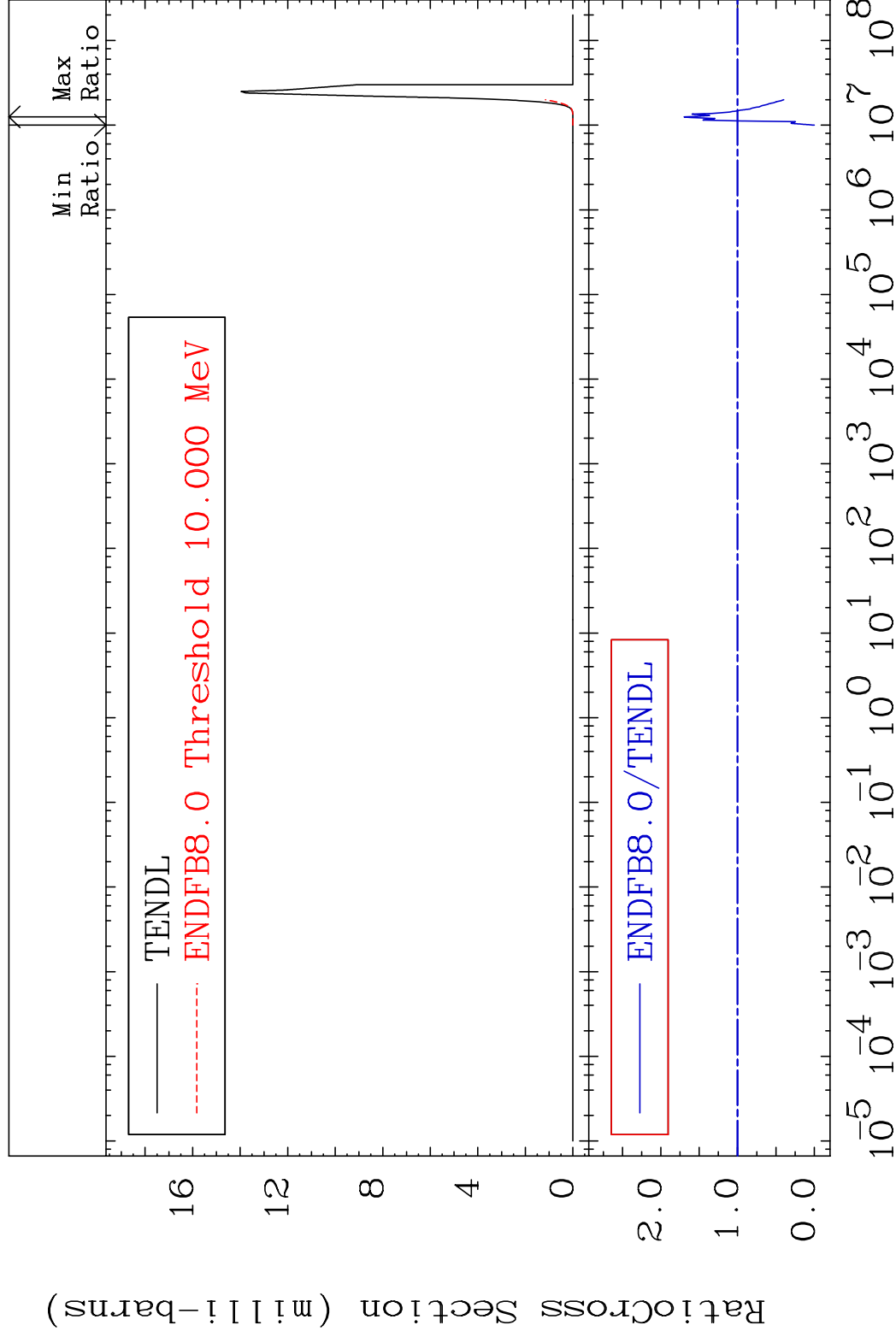
72-Hf-182

MAT 7249

(n, n') α

72-Hf-182

Cross Section -100.0 To 69.75 %

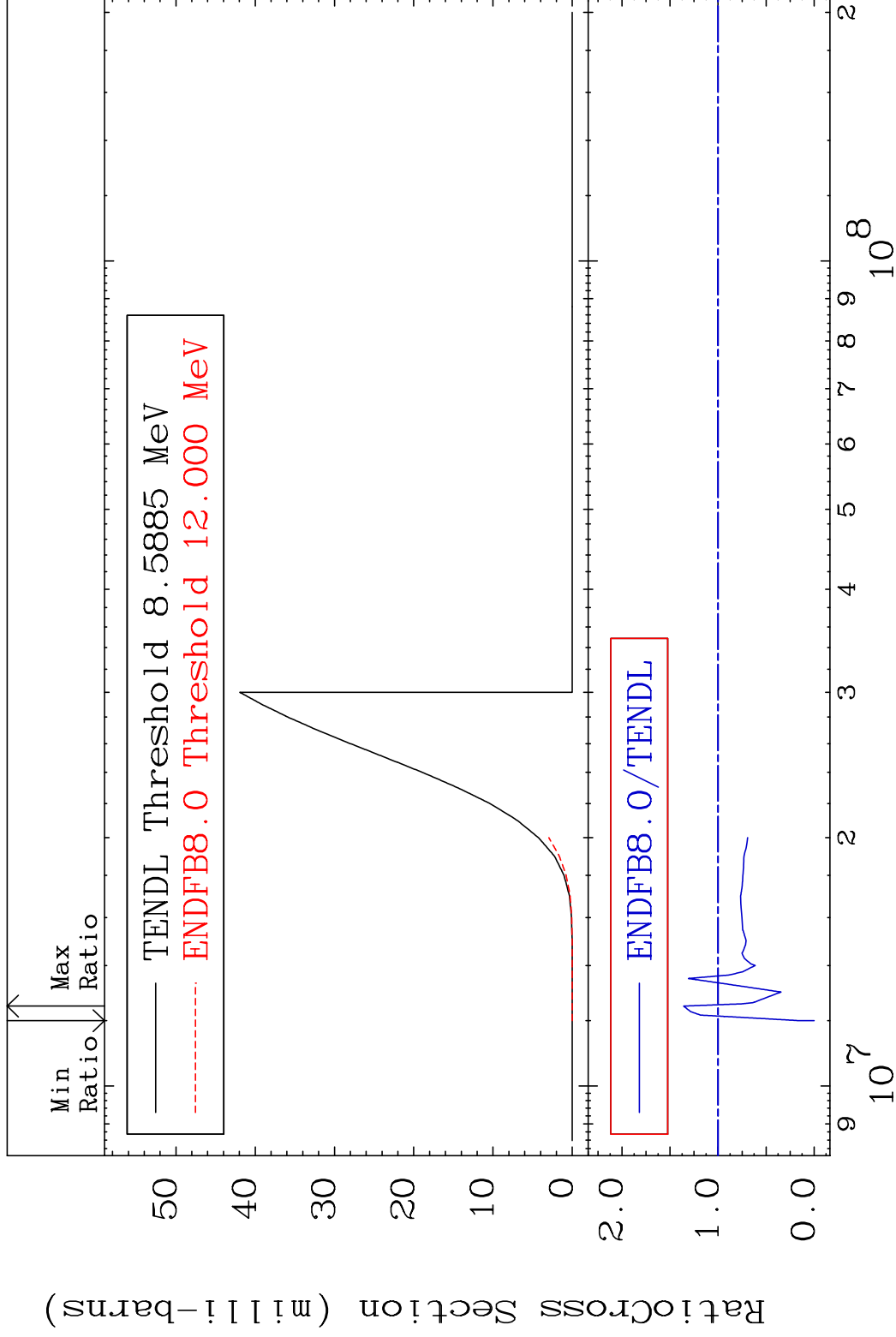


MAT 7249

(n, n') p

72-Hf-182

Cross Section -100.0 To 35.84 %



7

Incident Energy (eV)

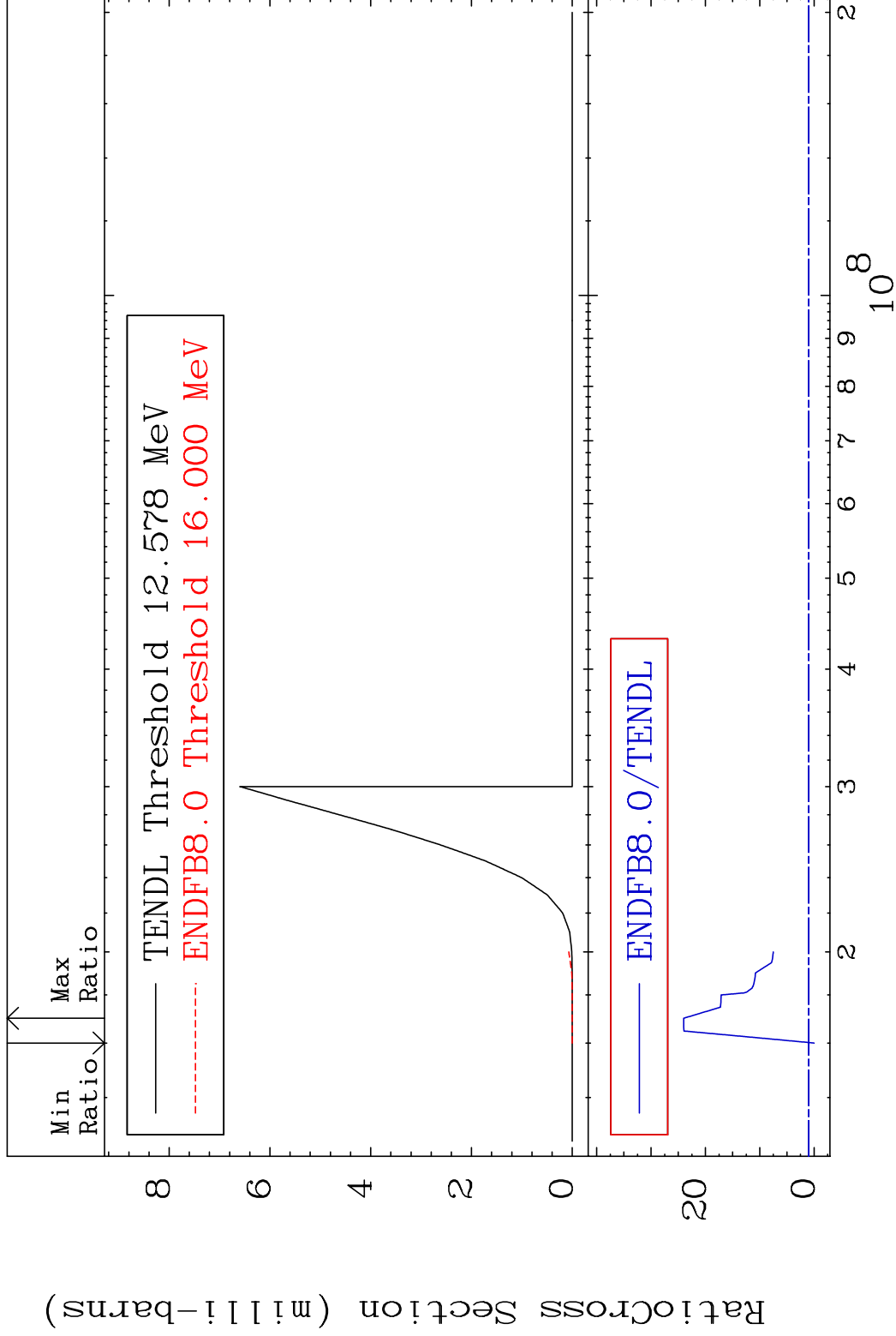
72-Hf-182

MAT 7249

(n, n') d

72-Hf-182

Cross Section -100.0 To 2301. %

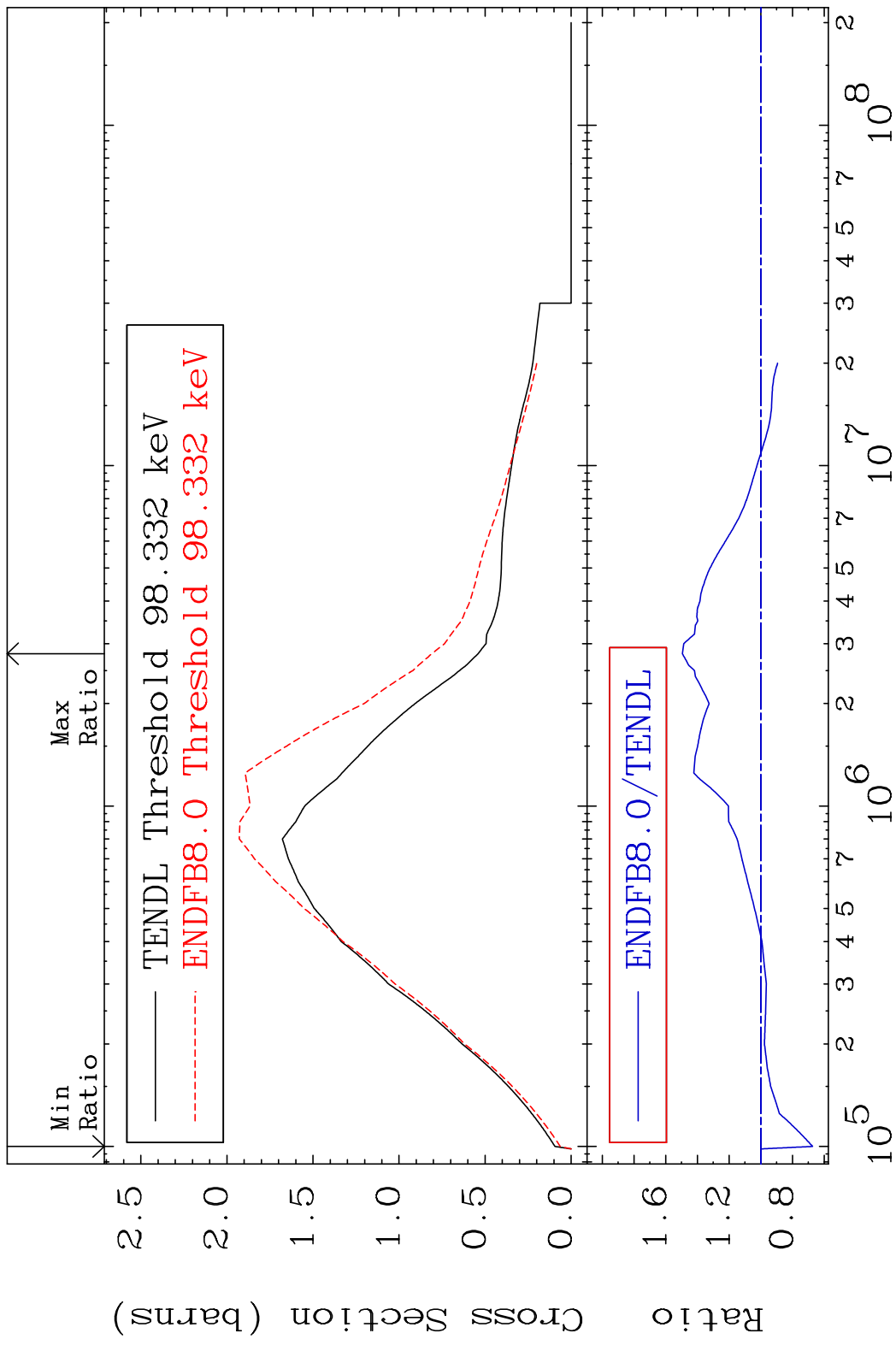


8

Incident Energy (eV)

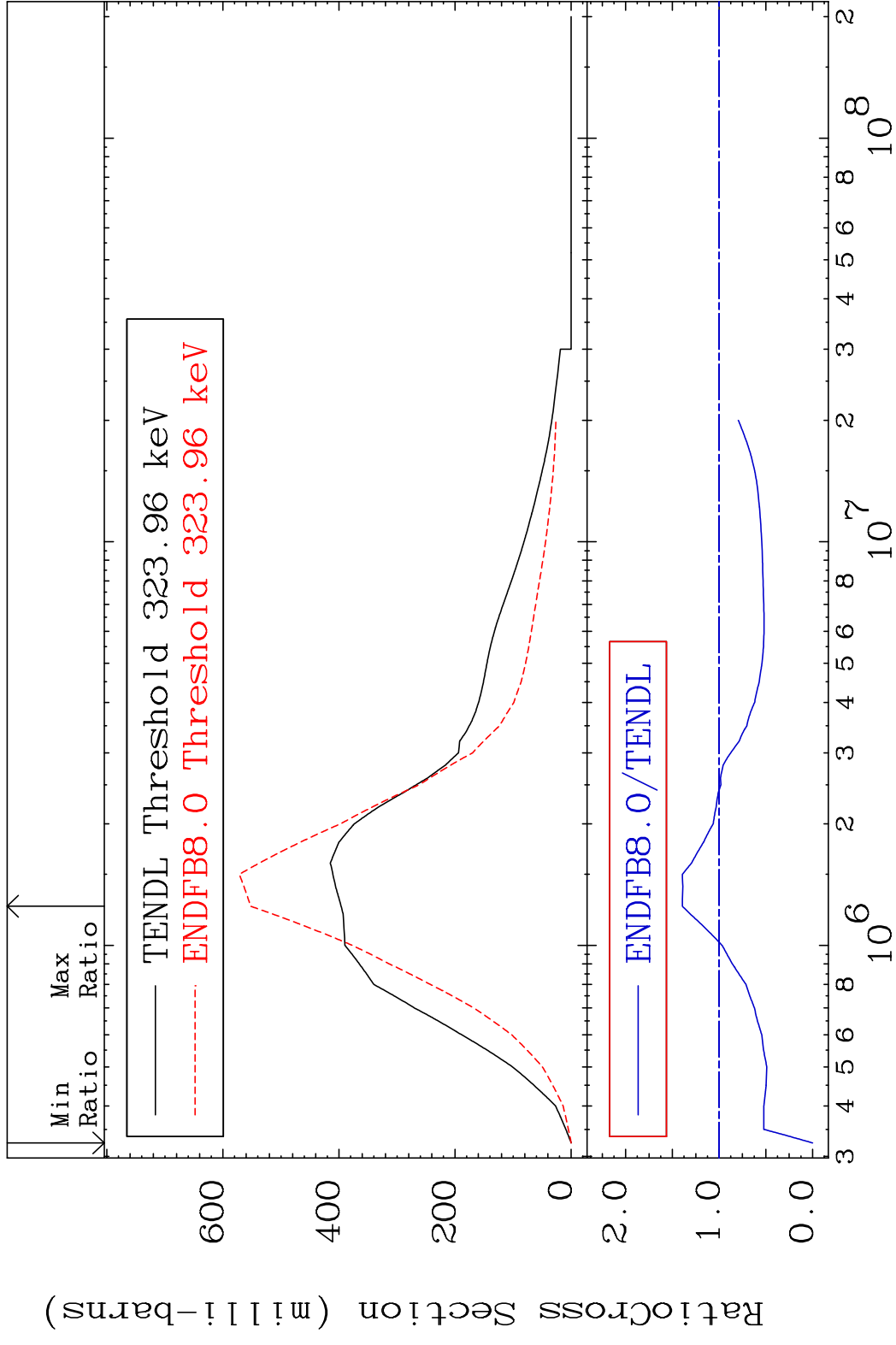
72-Hf-182

MAT 7249 MT= 51 (n, n') Level 72-Hf-182
 Cross Section -32.64 To 49.51 %



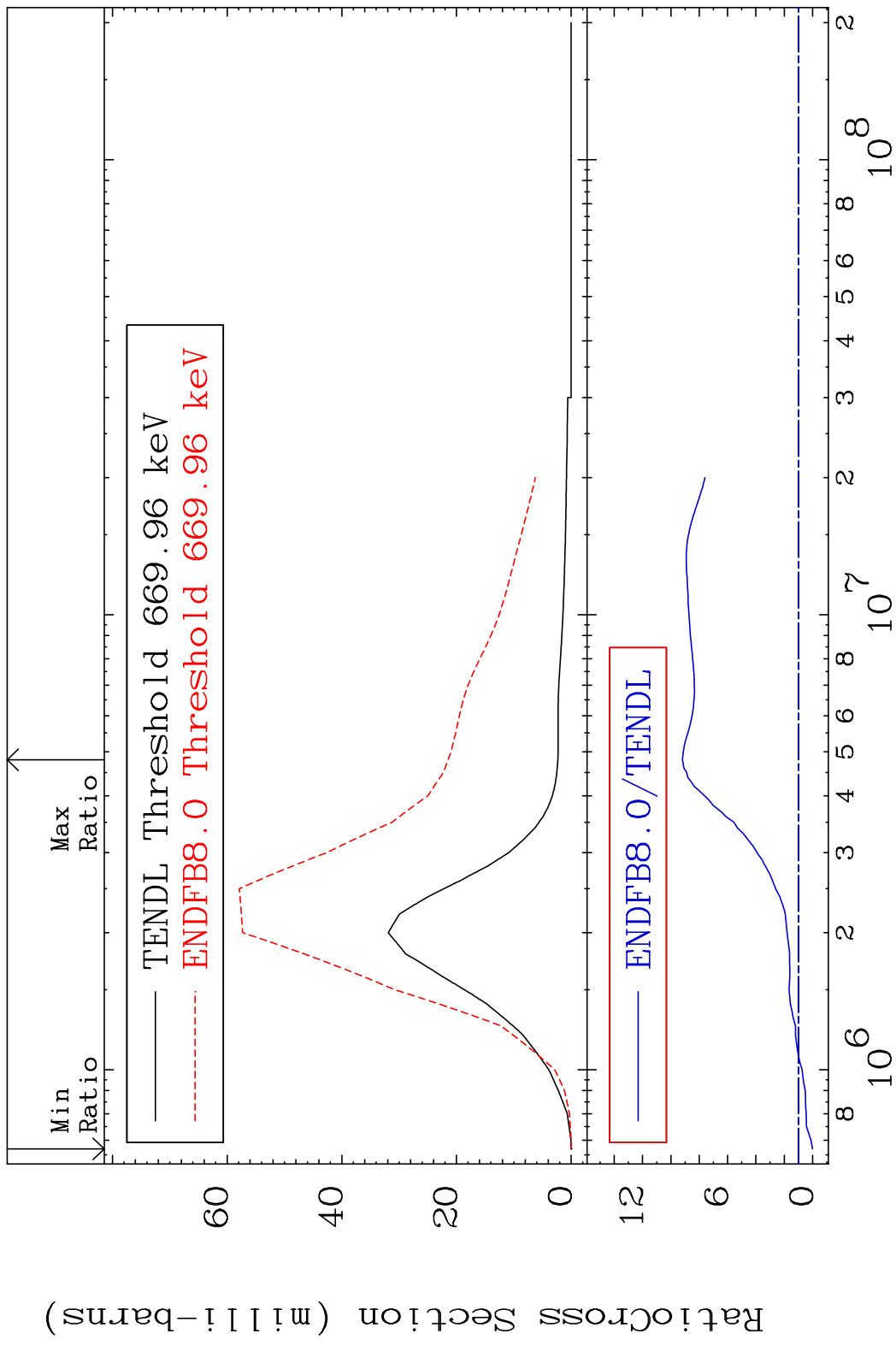
9 Incident Energy (eV) 72-Hf-182

MAT 7249 MT= 52 (n,n') Level 72-Hf-182
 Cross Section -100.0 To 39.32 %



10 Incident Energy (eV) 72-Hf-182

MAT 7249 MT= 53 (n, n') Level 72-Hf-182
 Cross Section -100.0 To 819.3 %

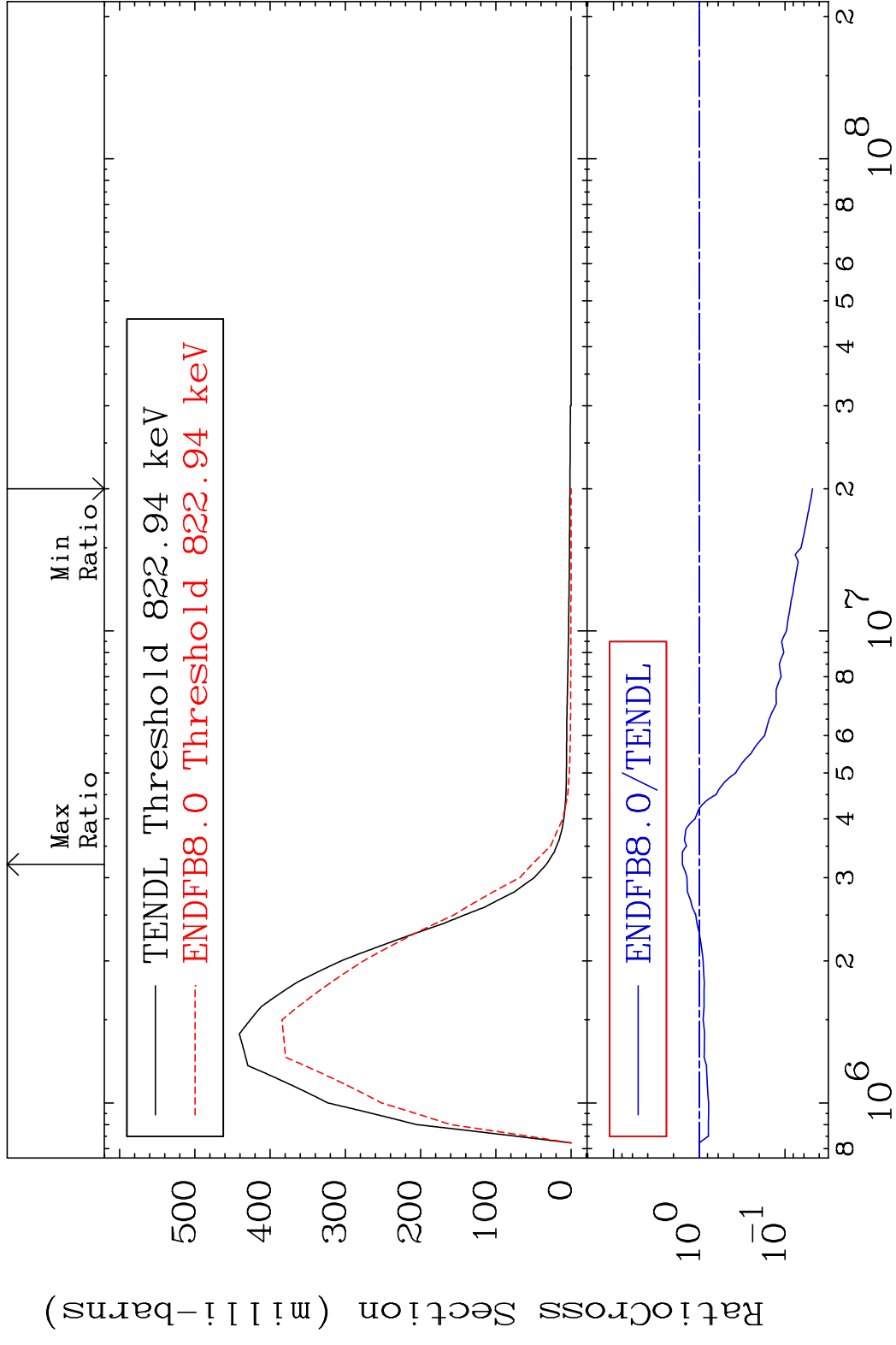


MAT 7249

MT= 54 (n, n') Level

72-Hf-182

Cross Section -95.23 To 57.50 %

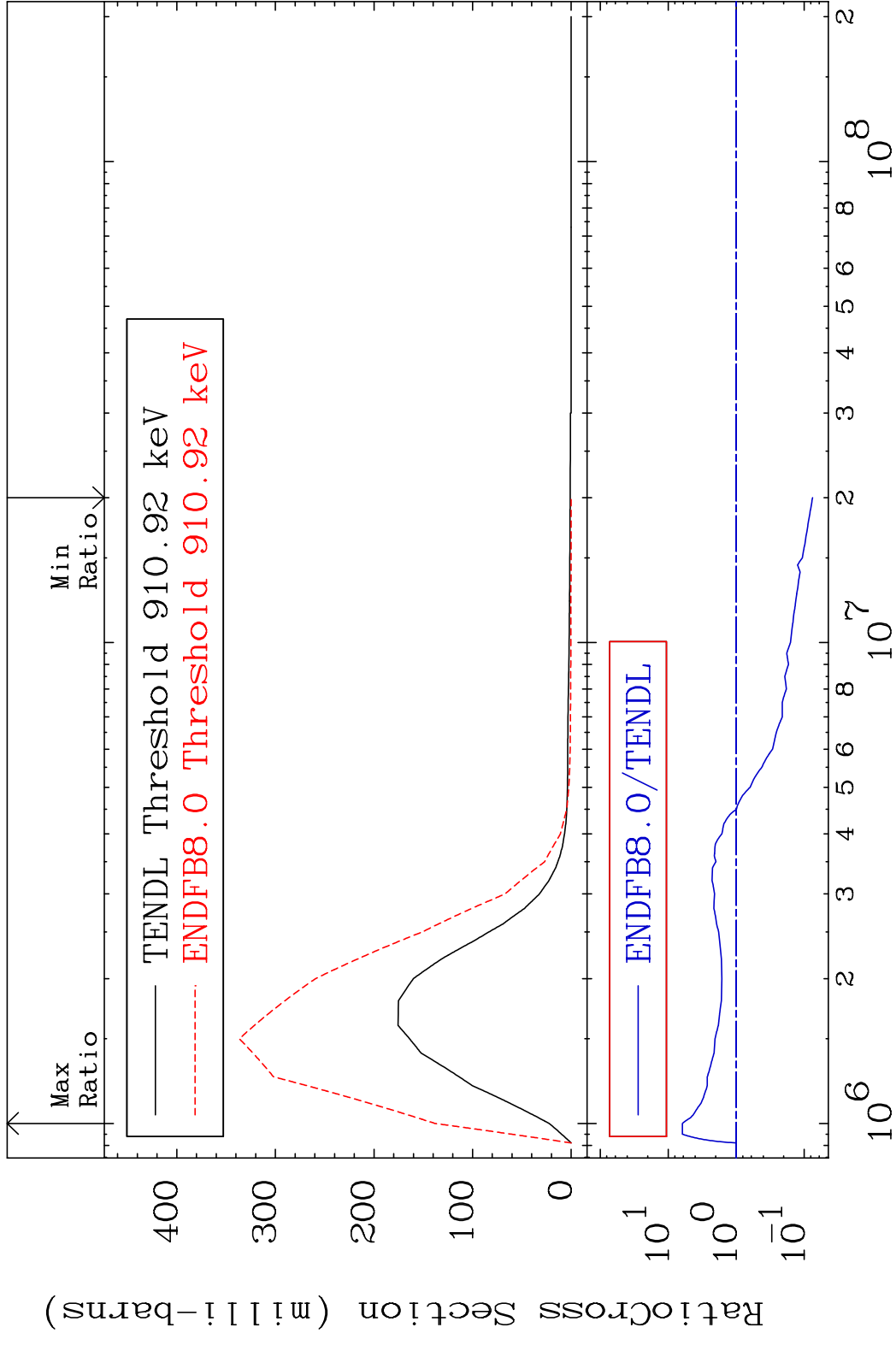


12

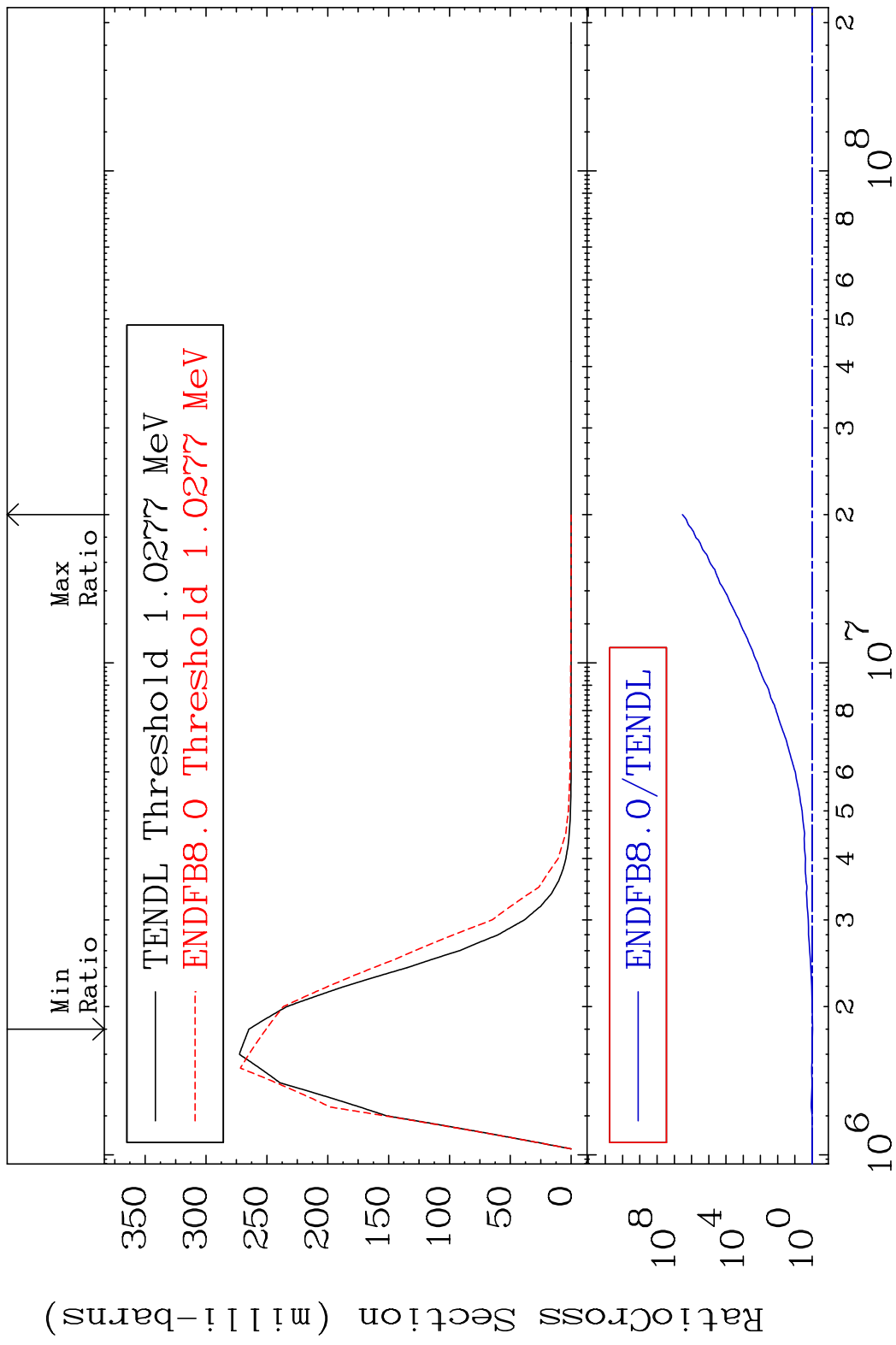
Incident Energy (eV)

72-Hf-182

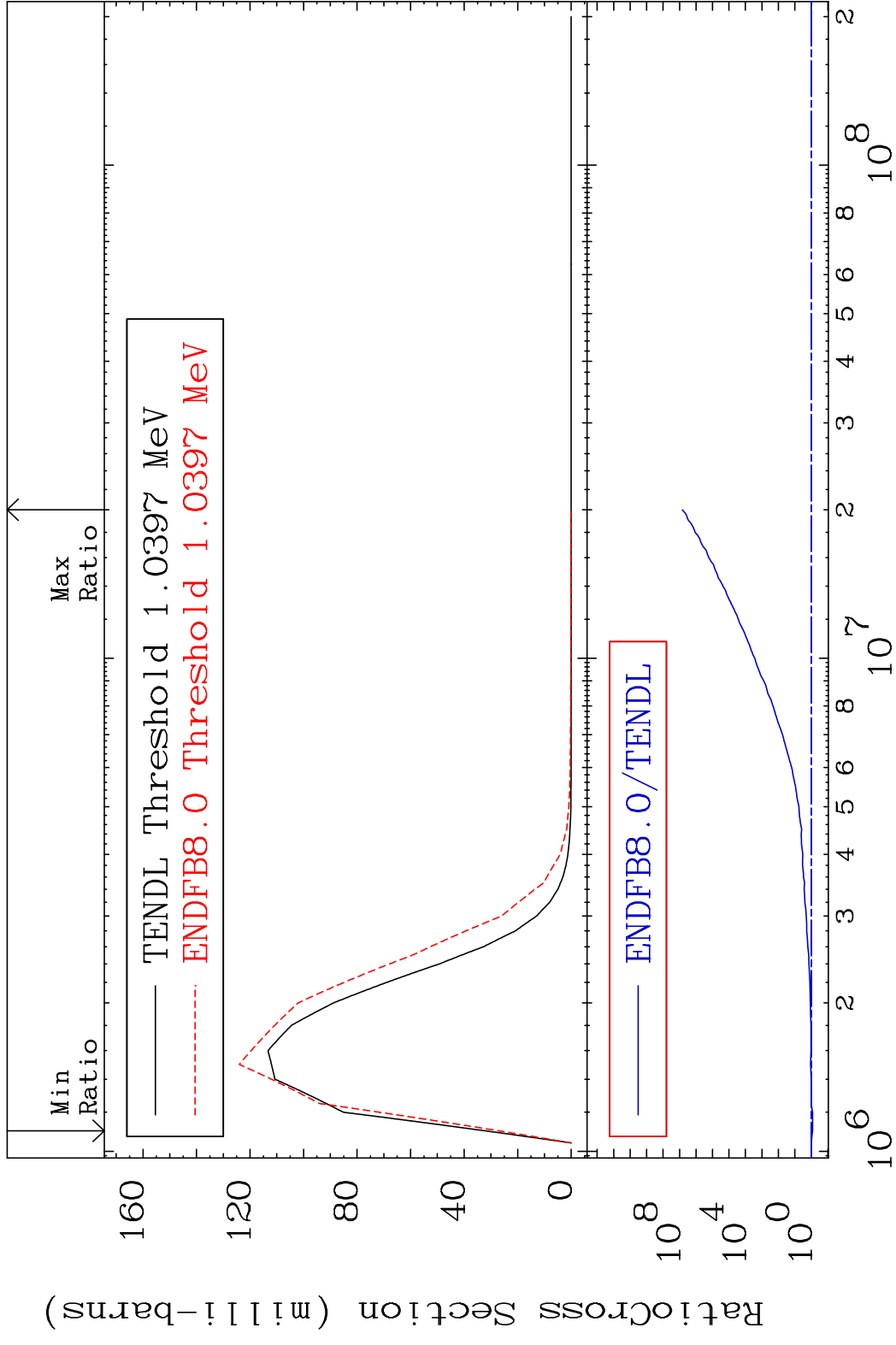
MAT 7249 MT= 55 (n, n') Level 72-Hf-182
 Cross Section -92.46 To 519.2 %



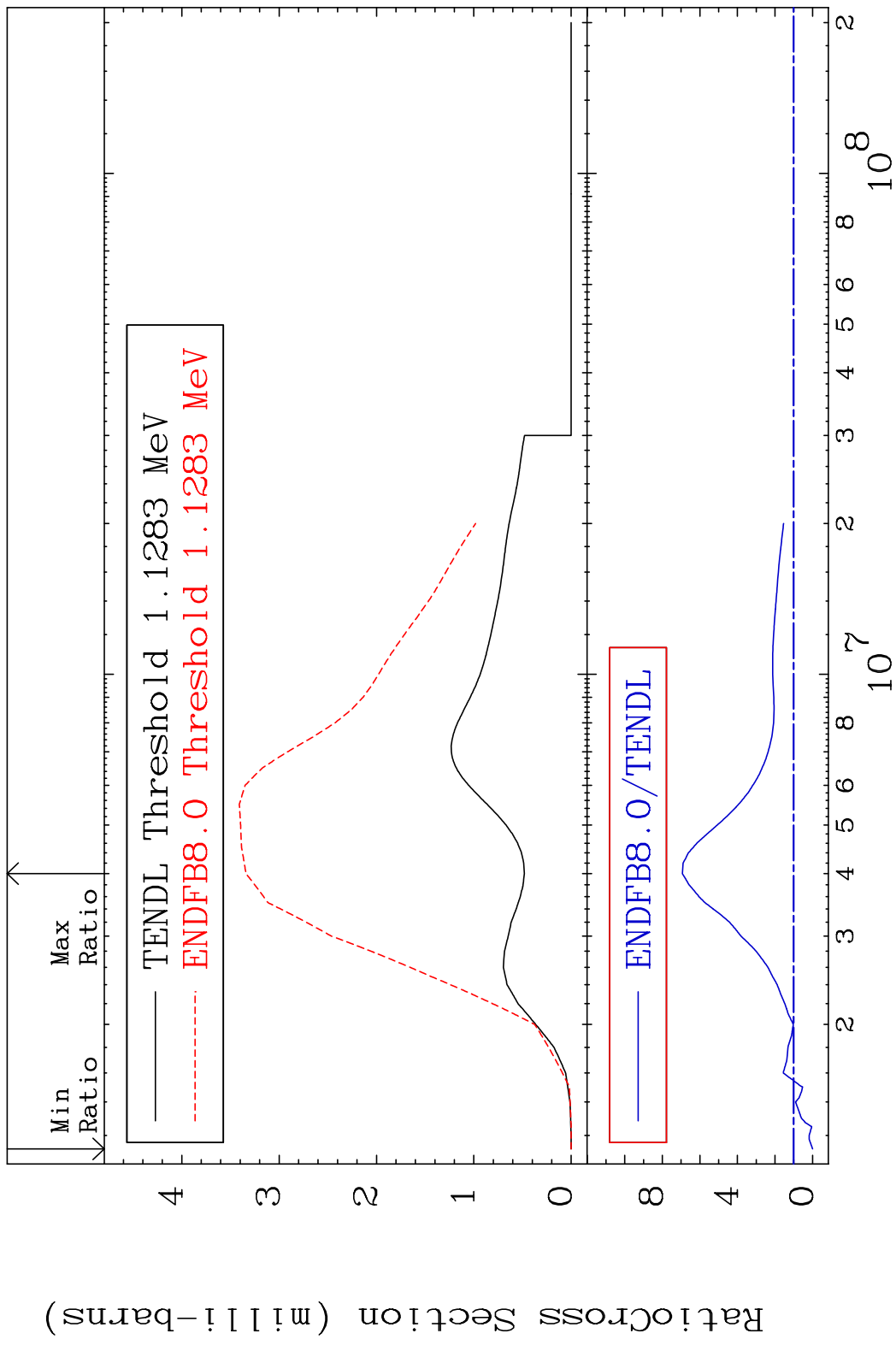
MAT 7249 MT= 56 (n,n') Level 72-Hf-182
 Cross Section -5.332 To 9999. %



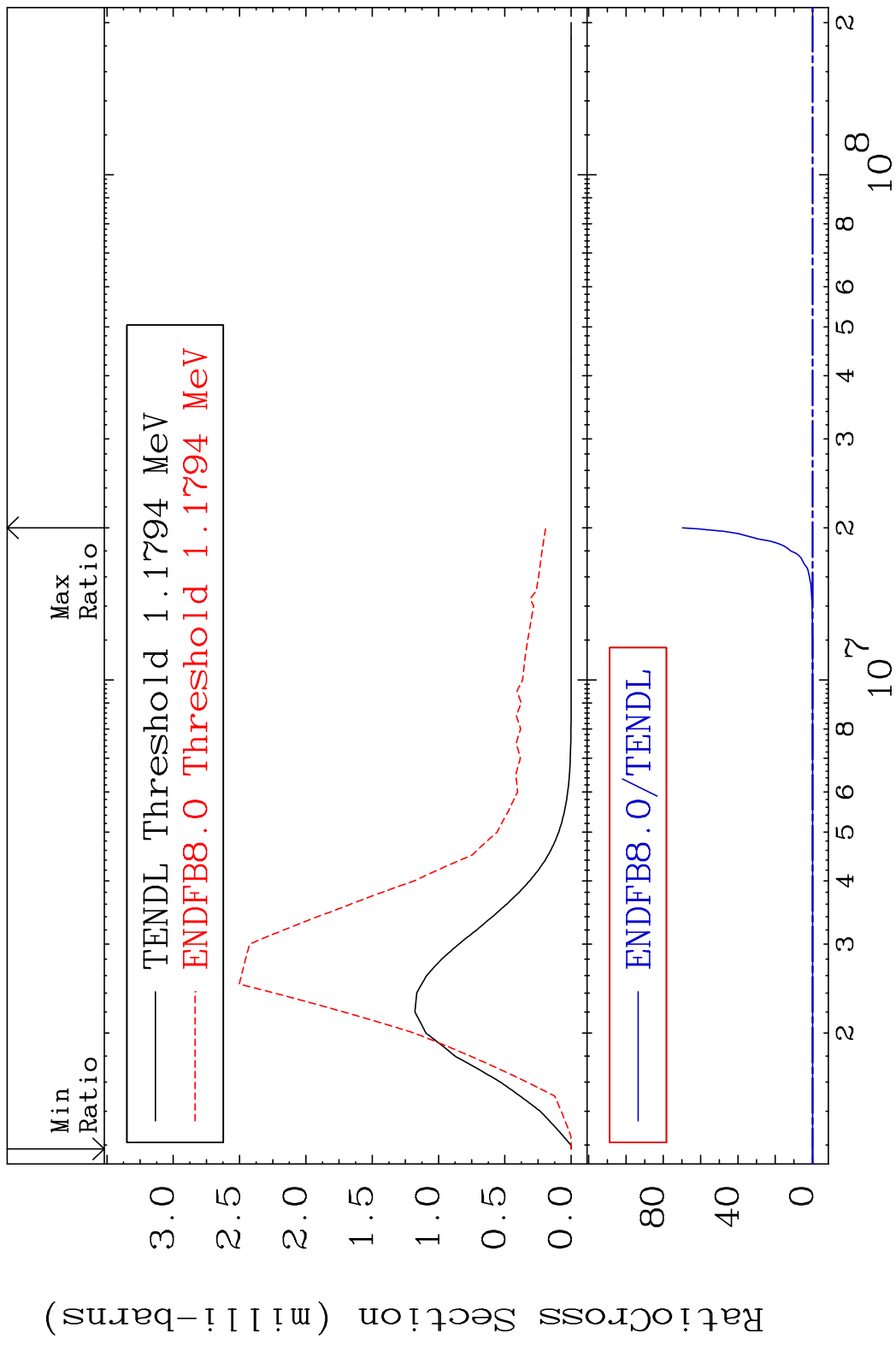
MAT 7249 MT= 57 (n, n') Level 72-Hf-182
 Cross Section -15.79 To 9999. %



MAT 7249 MT= 58 (n, n') Level 72-Hf-182
 Cross Section -100.0 To 593.3 %



MAT 7249 MT= 59 (n, n') Level 72-Hf-182
 Cross Section -100.0 To 9999. %

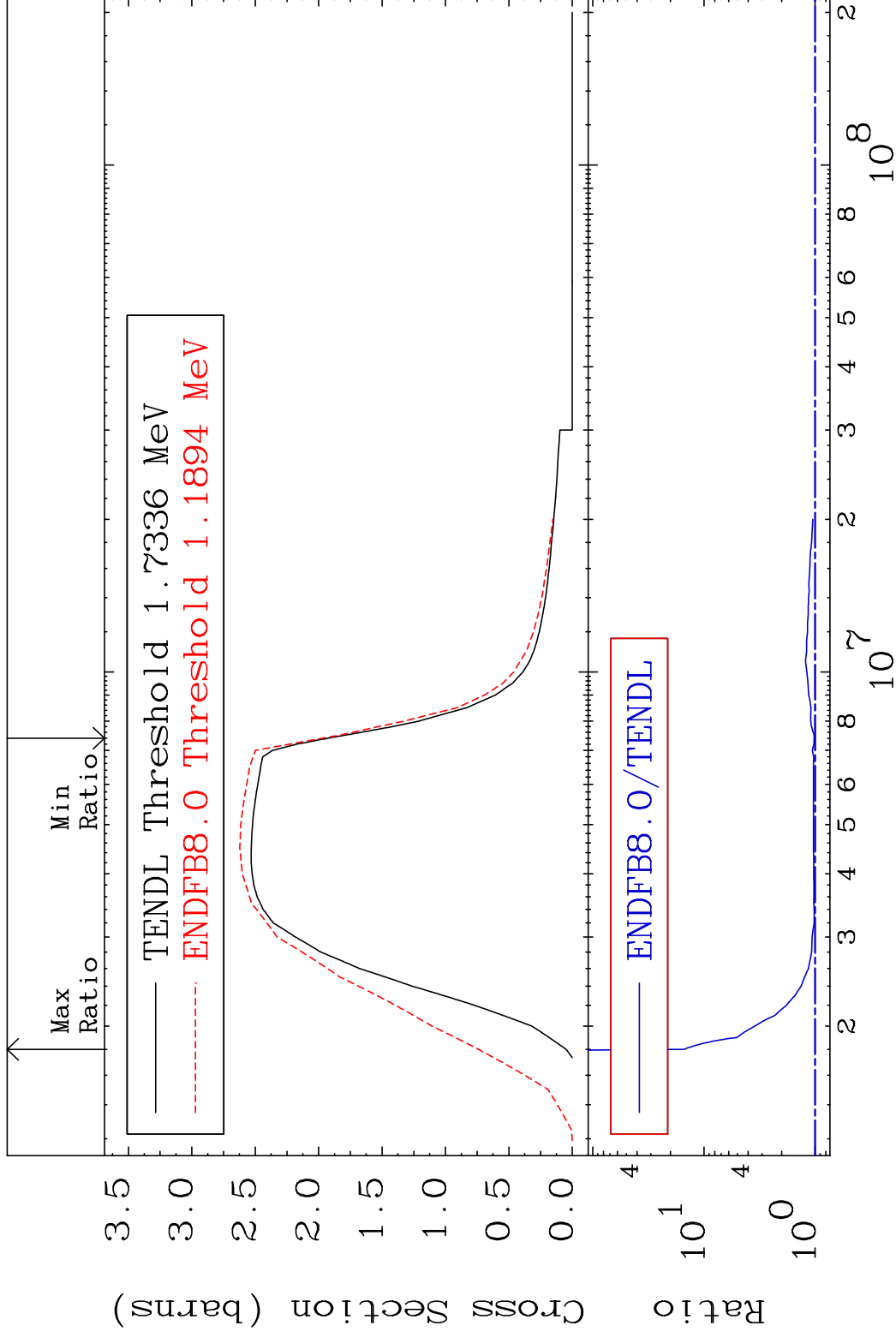


MAT 7249

(n, n') Continuum

72-Hf-182

Cross Section 2.126 To 1422. %



18

Incident Energy (eV)

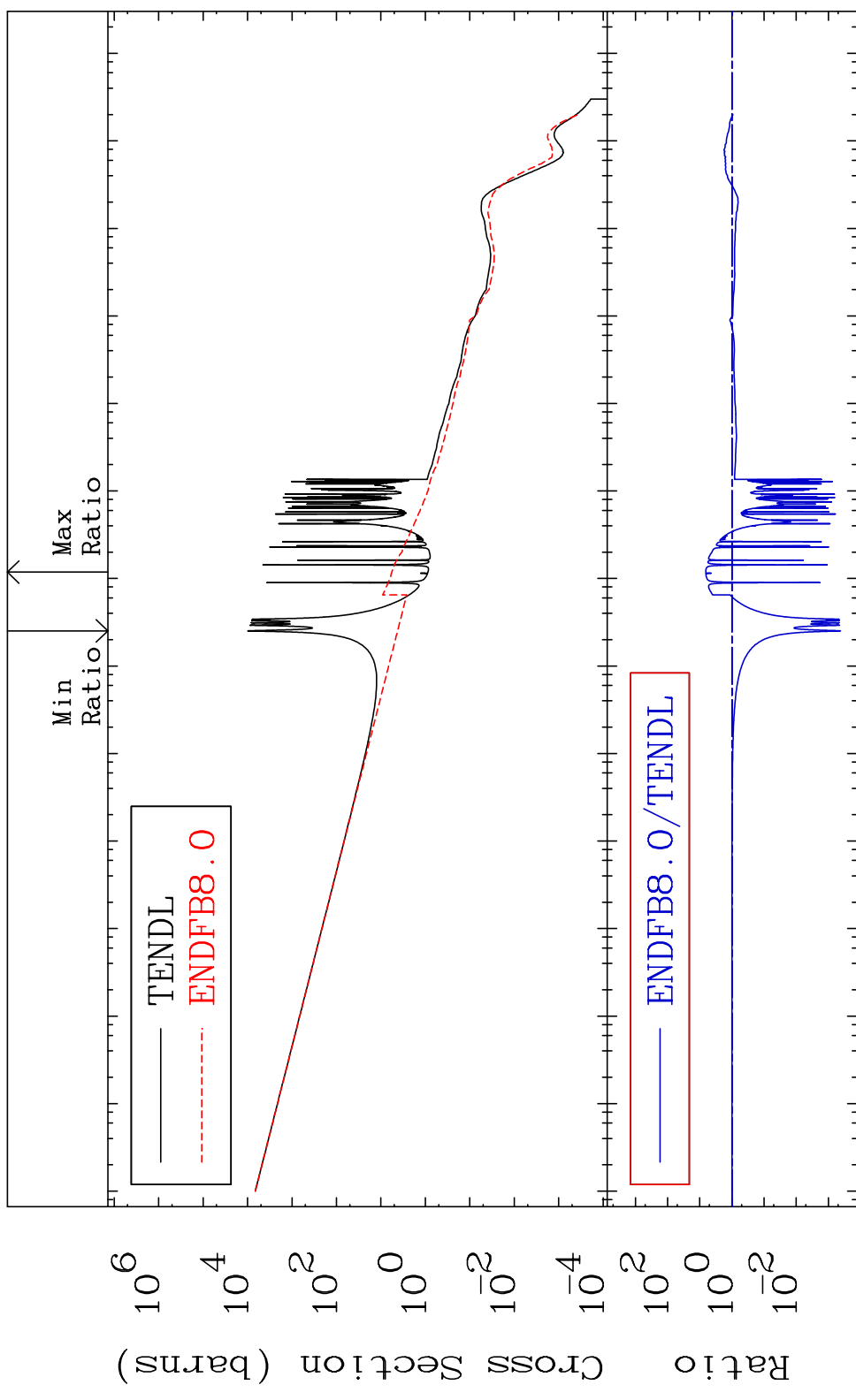
72-Hf-182

MAT 7249

(n, γ)

72-Hf-182

Cross Section -99.96 To 550.9 %

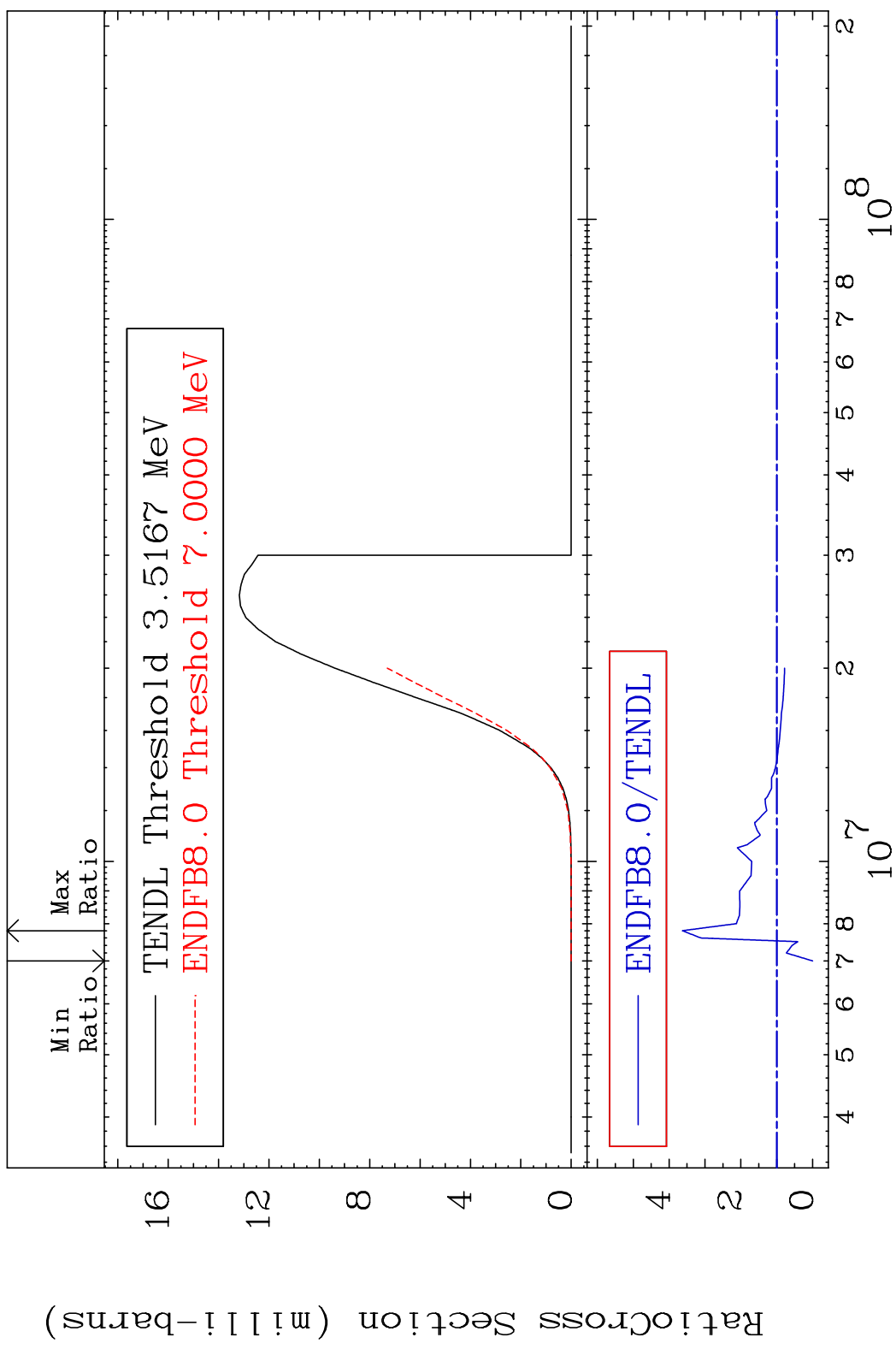


MAT 7249

(n,p)

72-Hf-182

Cross Section -100.0 To 263.1 %

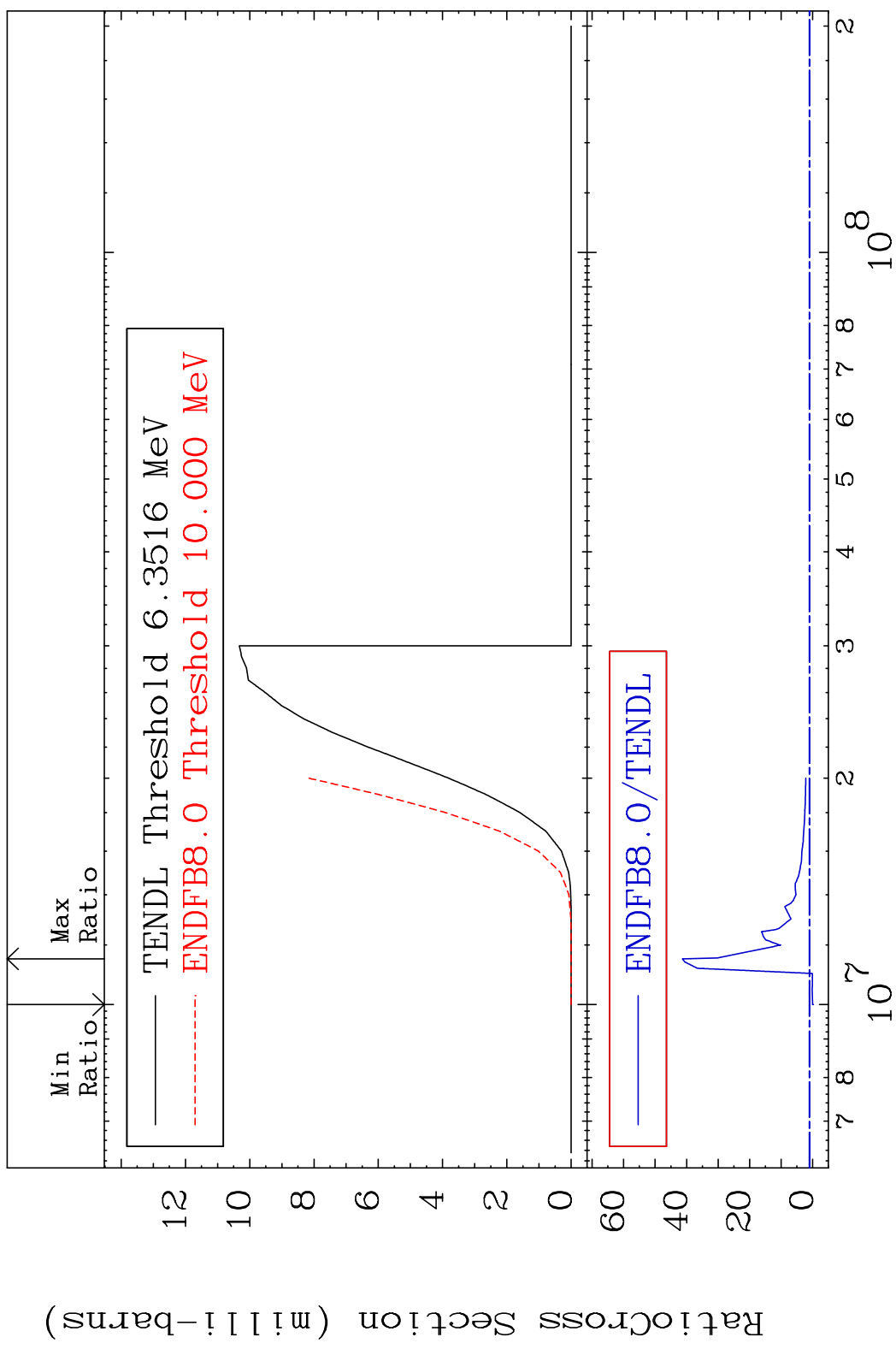


MAT 7249

(n,d)

72-Hf-182

Cross Section -100.0 To 4035. %

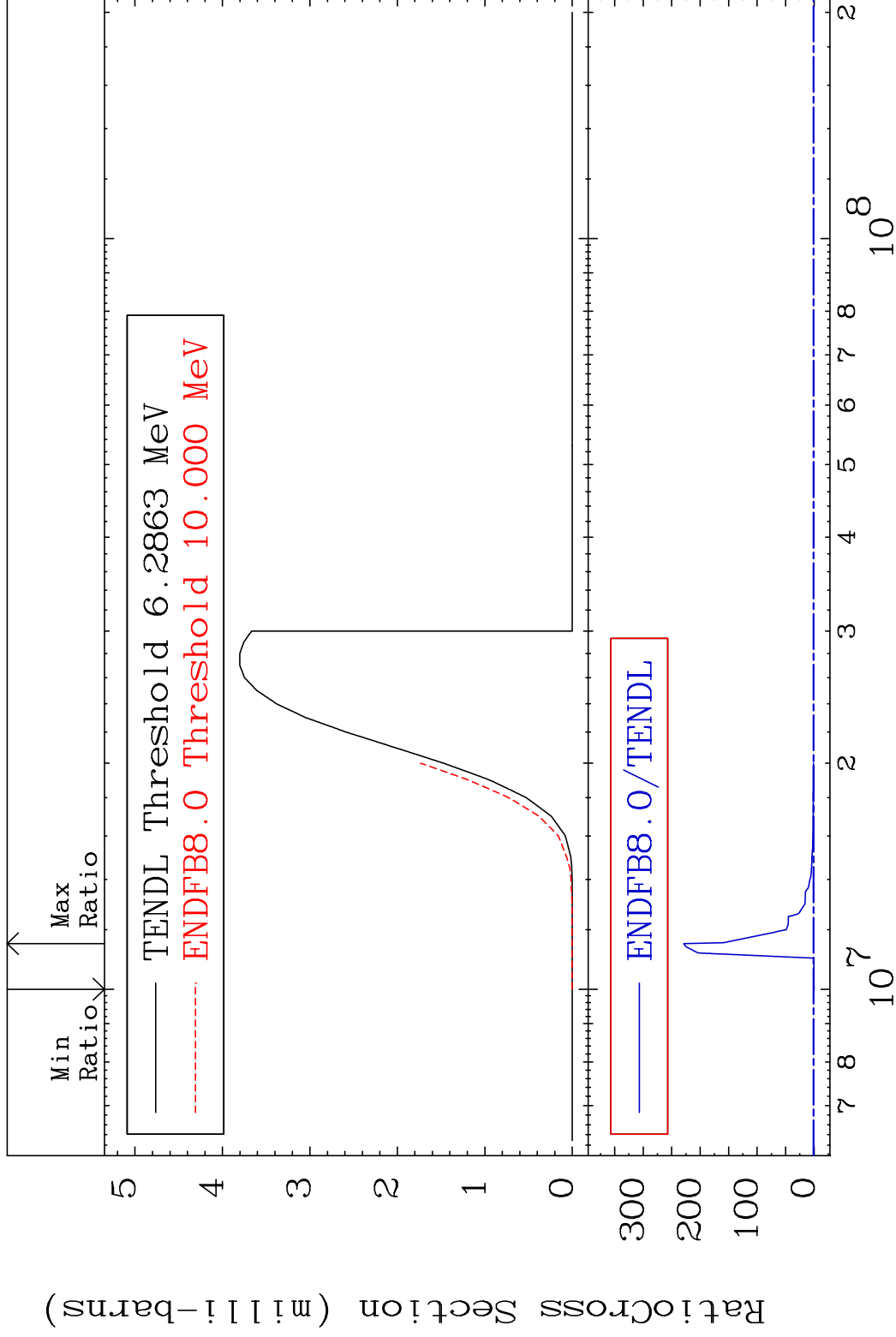


MAT 7249

(n, t)

72-Hf-182

Cross Section -100.0 To 9999. %

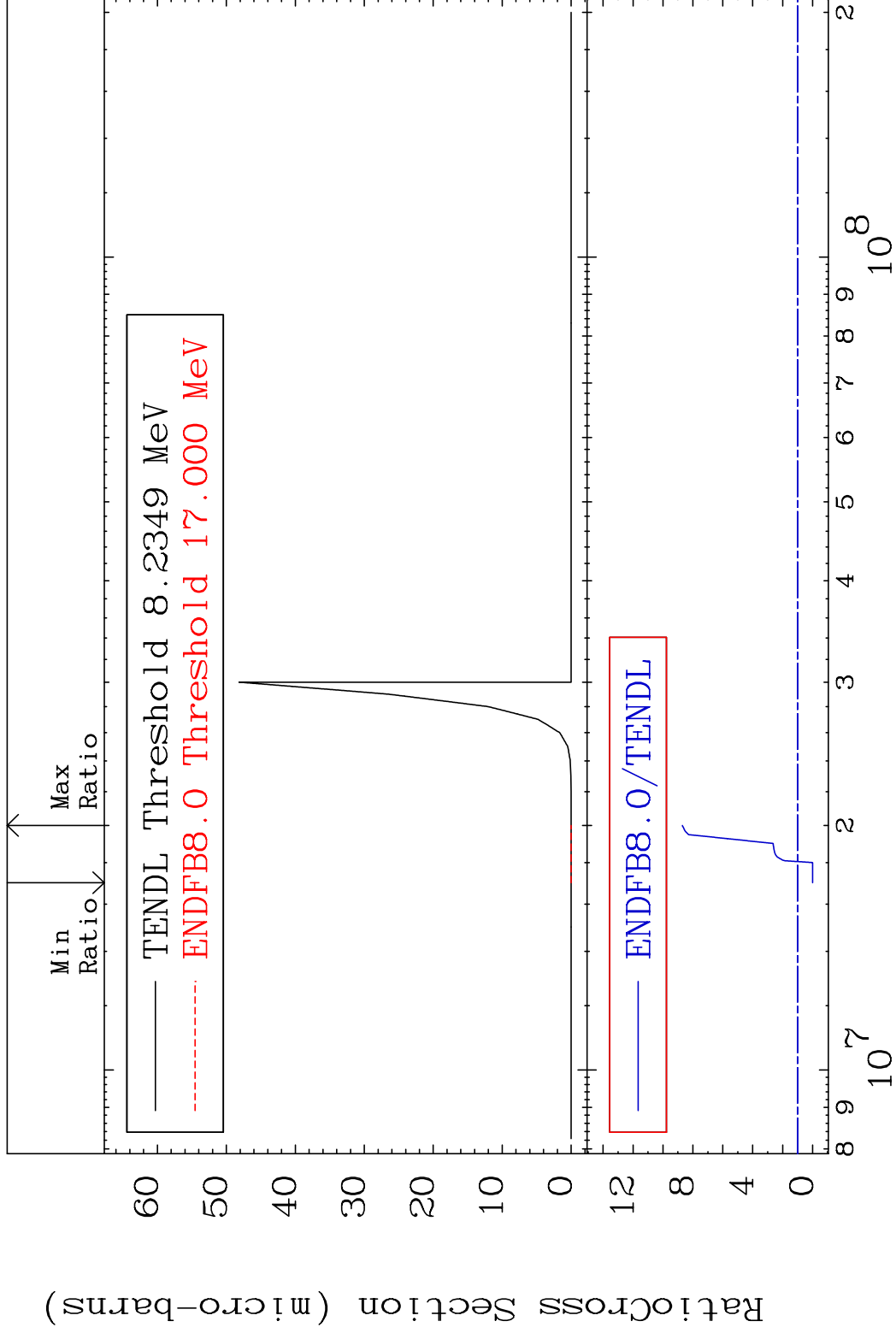


MAT 7249

(n, He-3)

72-Hf-182

Cross Section -100.0 To 770.3 %



23

Incident Energy (eV)

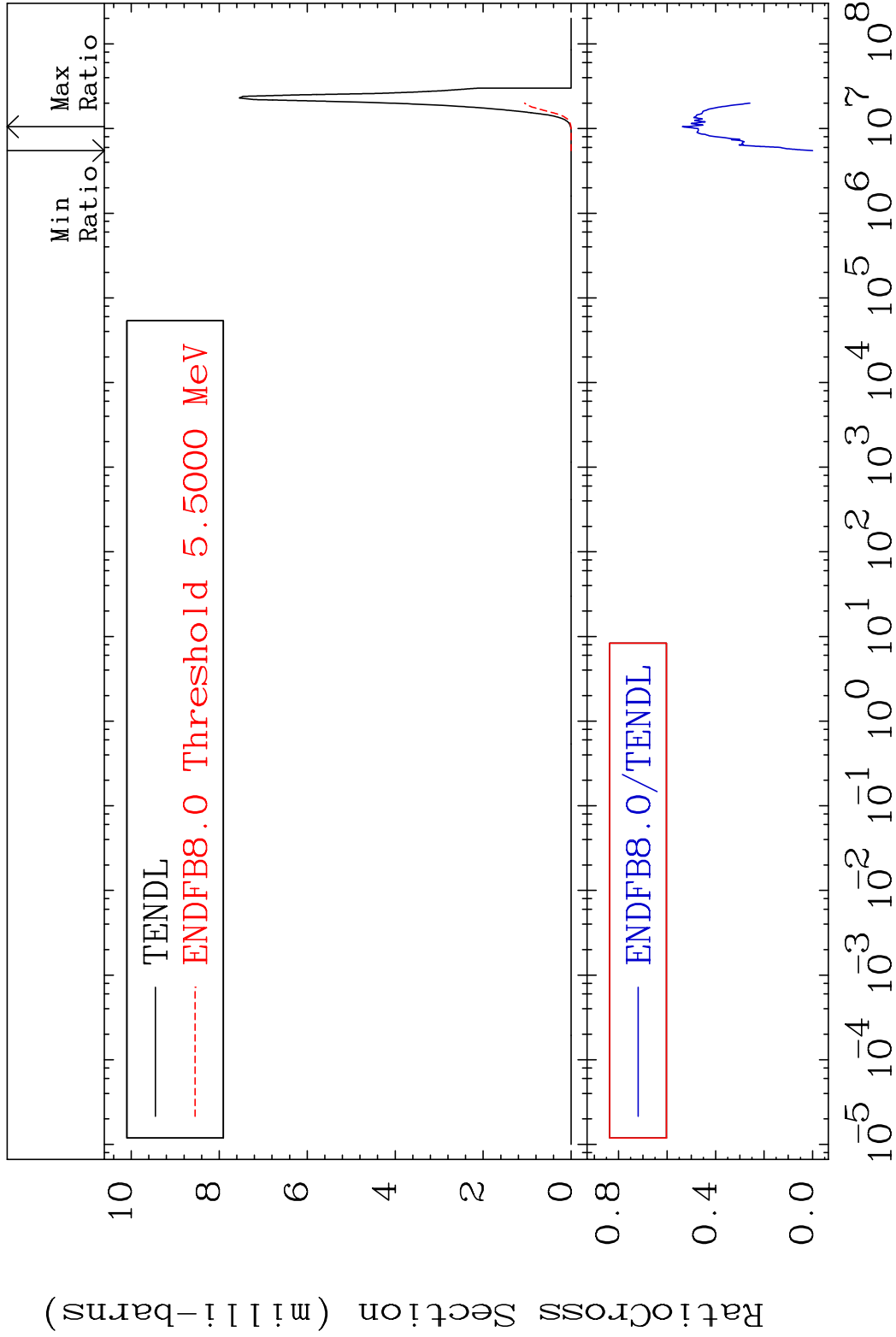
72-Hf-182

MAT 7249

(n, α)

72-Hf-182

Cross Section -100.0 To -46.29%

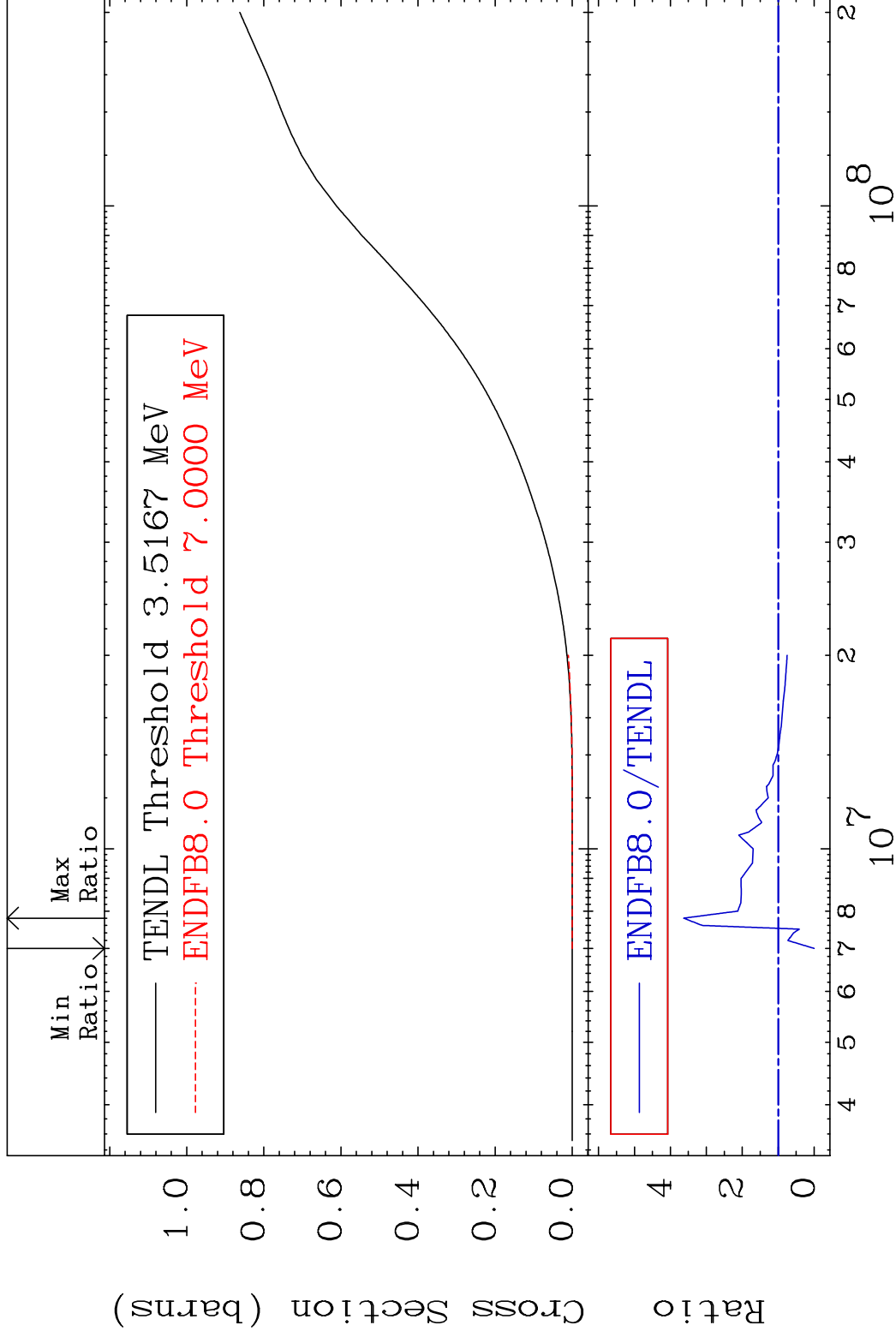


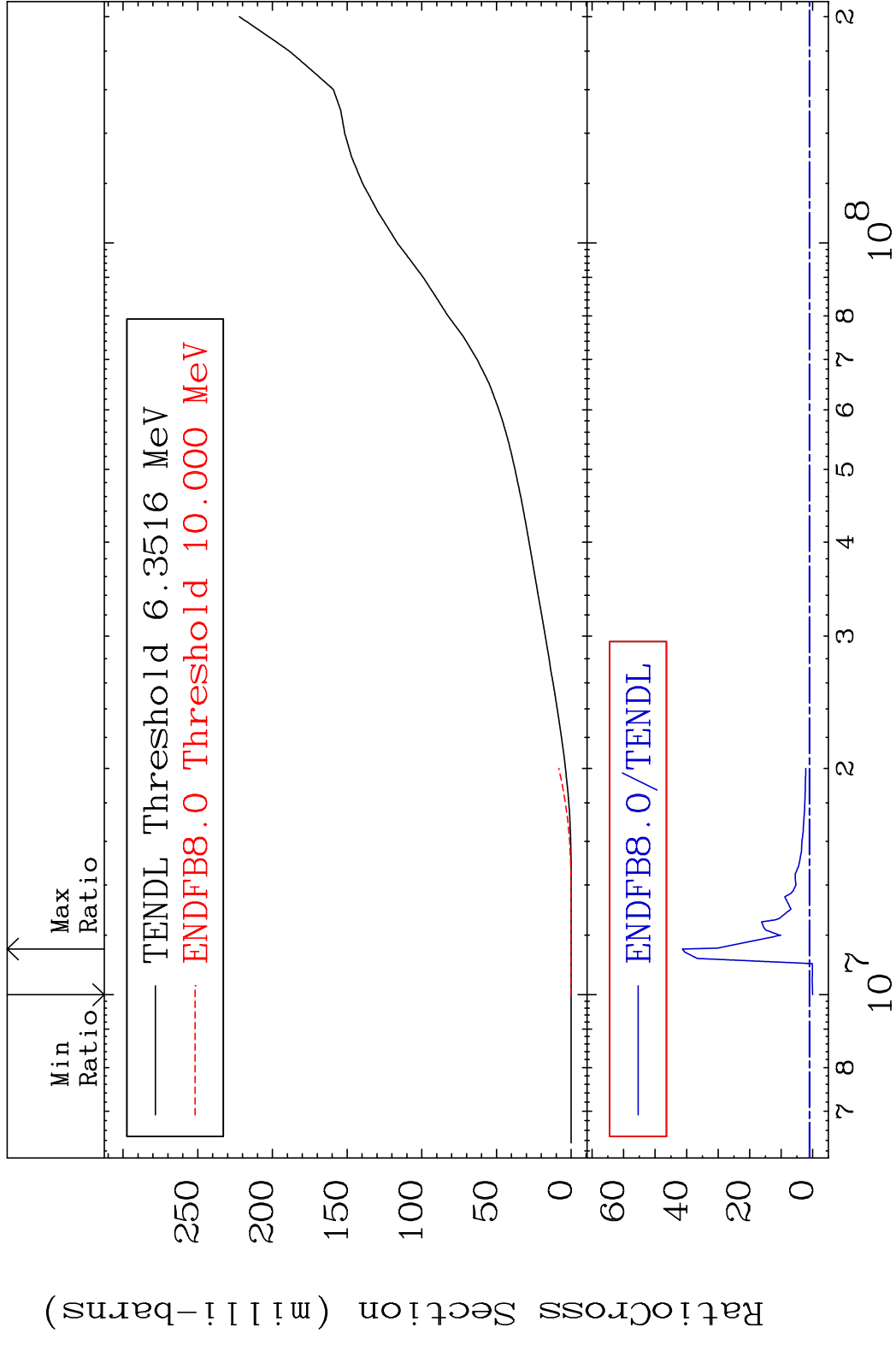
24

Incident Energy (eV)

72-Hf-182

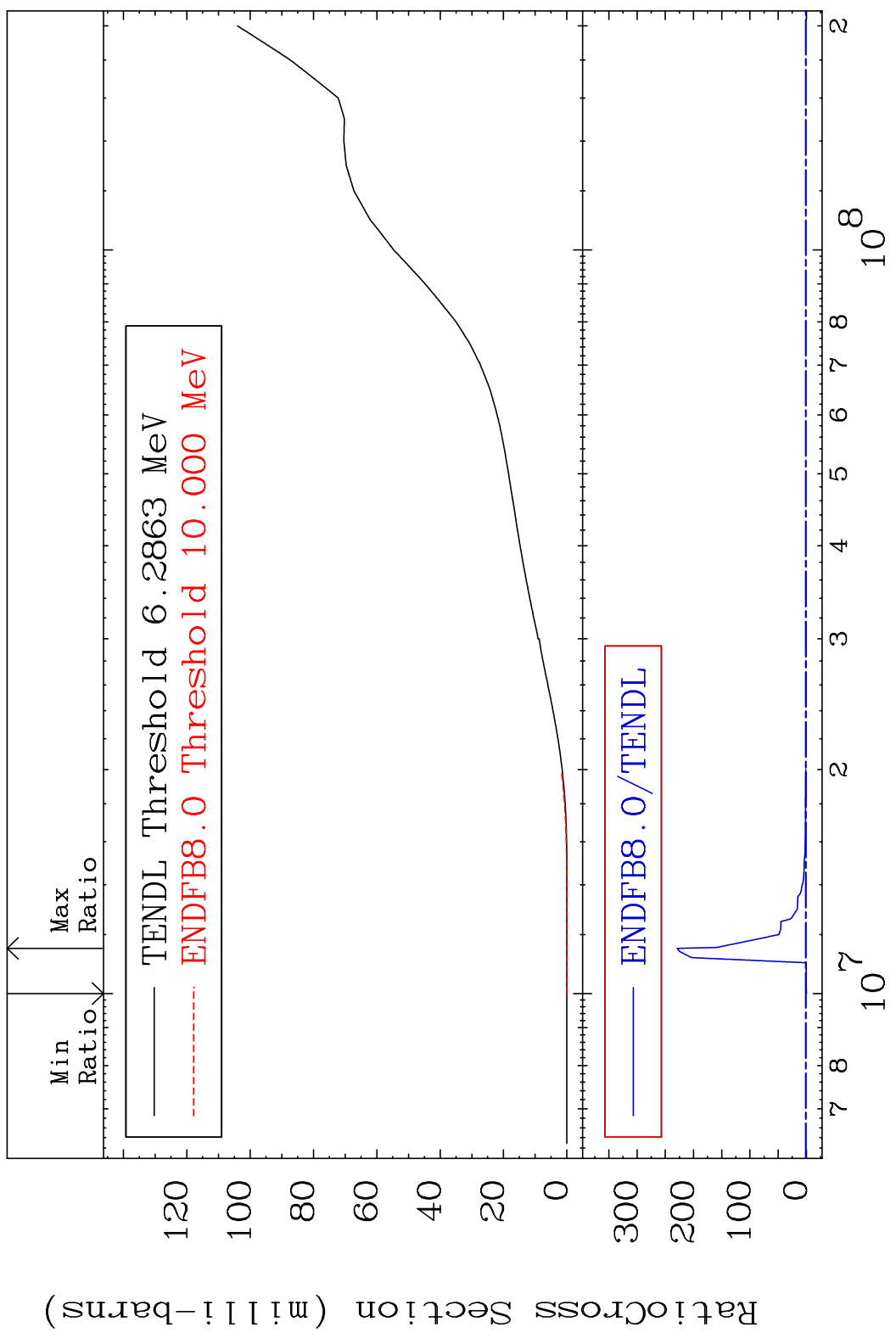
Cross Section -100.0 To 263.1 %





MAT 7249

Tritium Production 72-Hf-182
Cross Section -100.0 To 9999. %

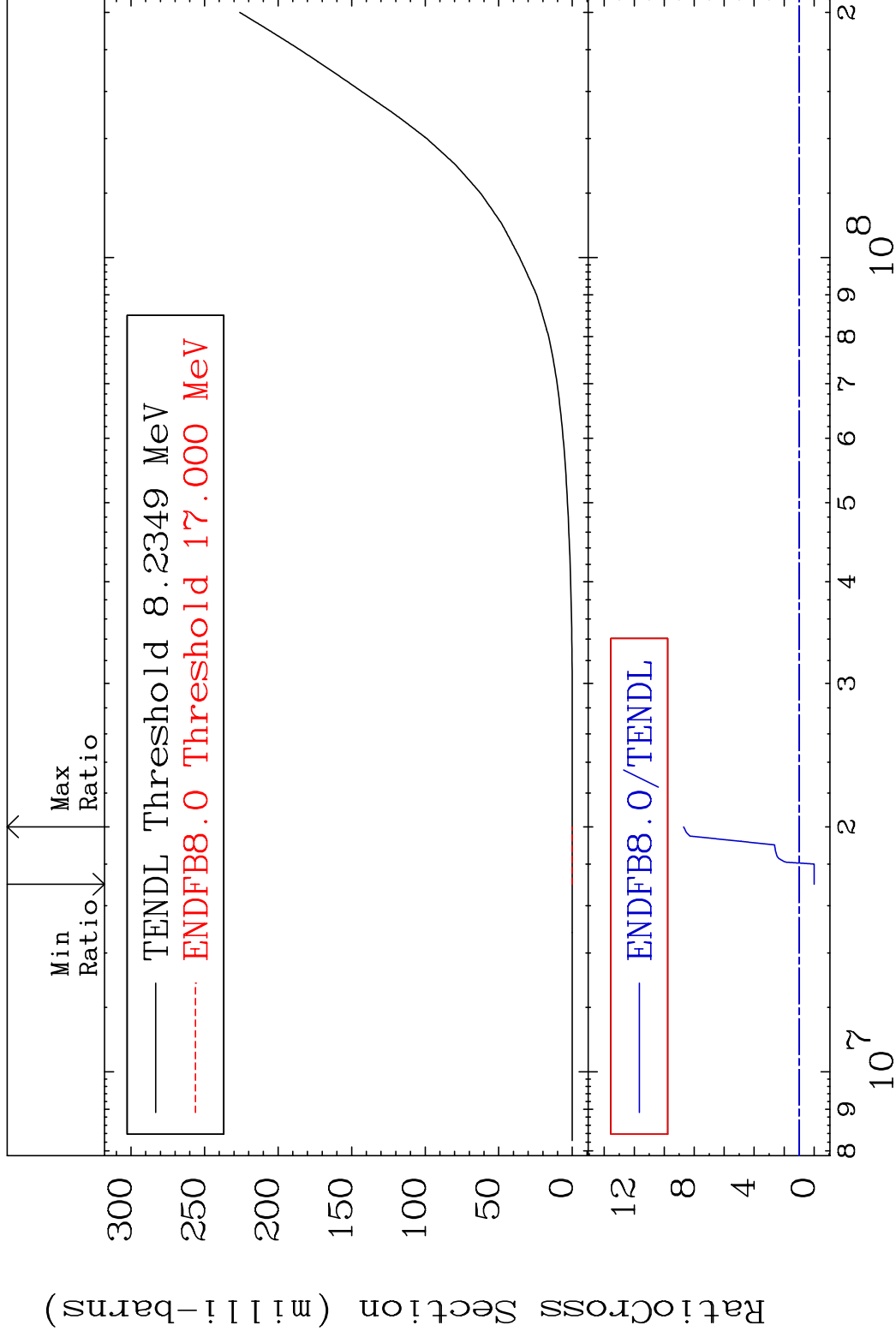


MAT 7249

He-3 Production

72-Hf-182

Cross Section -100.0 To 770.3 %



28

Incident Energy (eV)

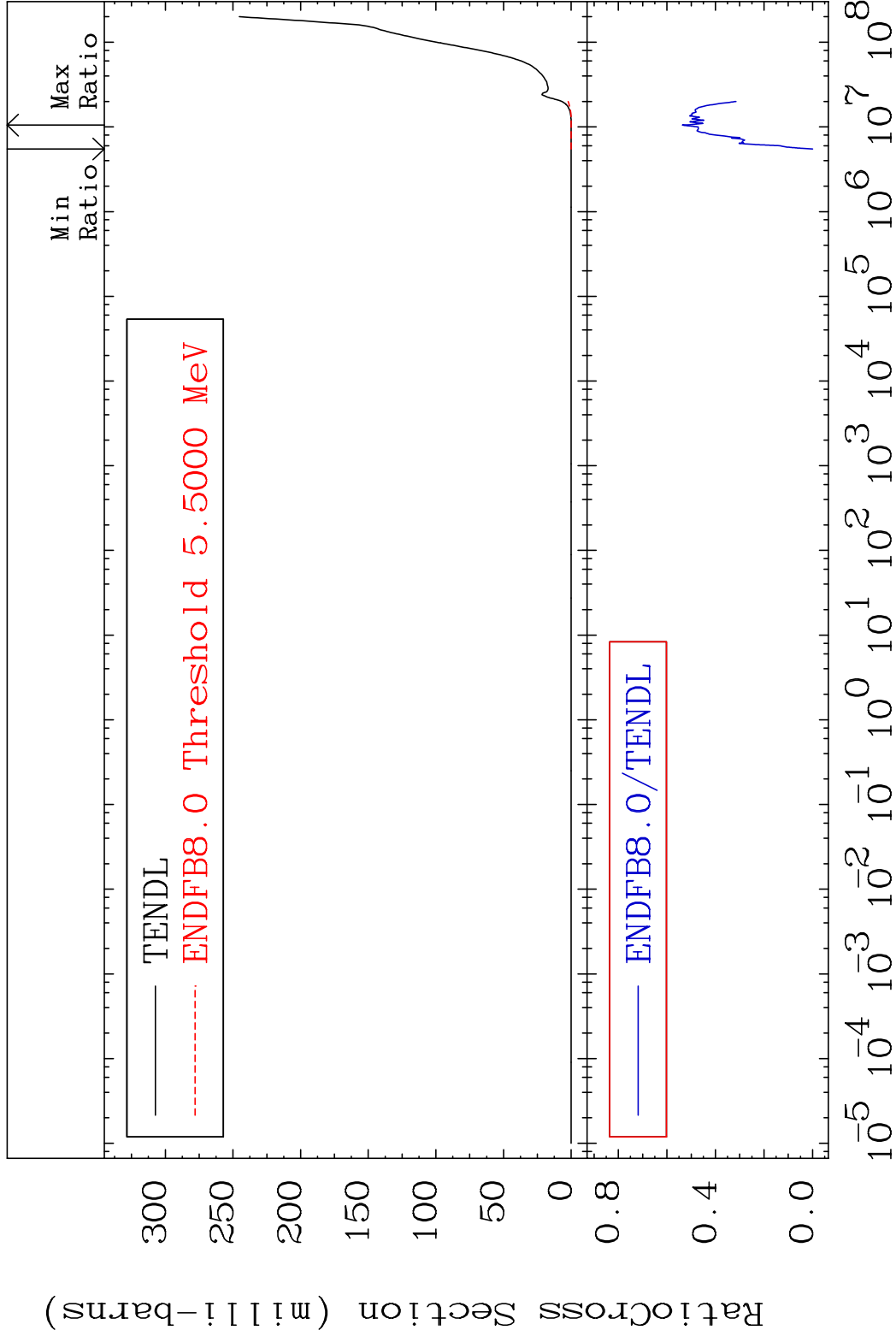
72-Hf-182

MAT 7249

He-4 Production

72-Hf-182

Cross Section -100.0 To -46.36%

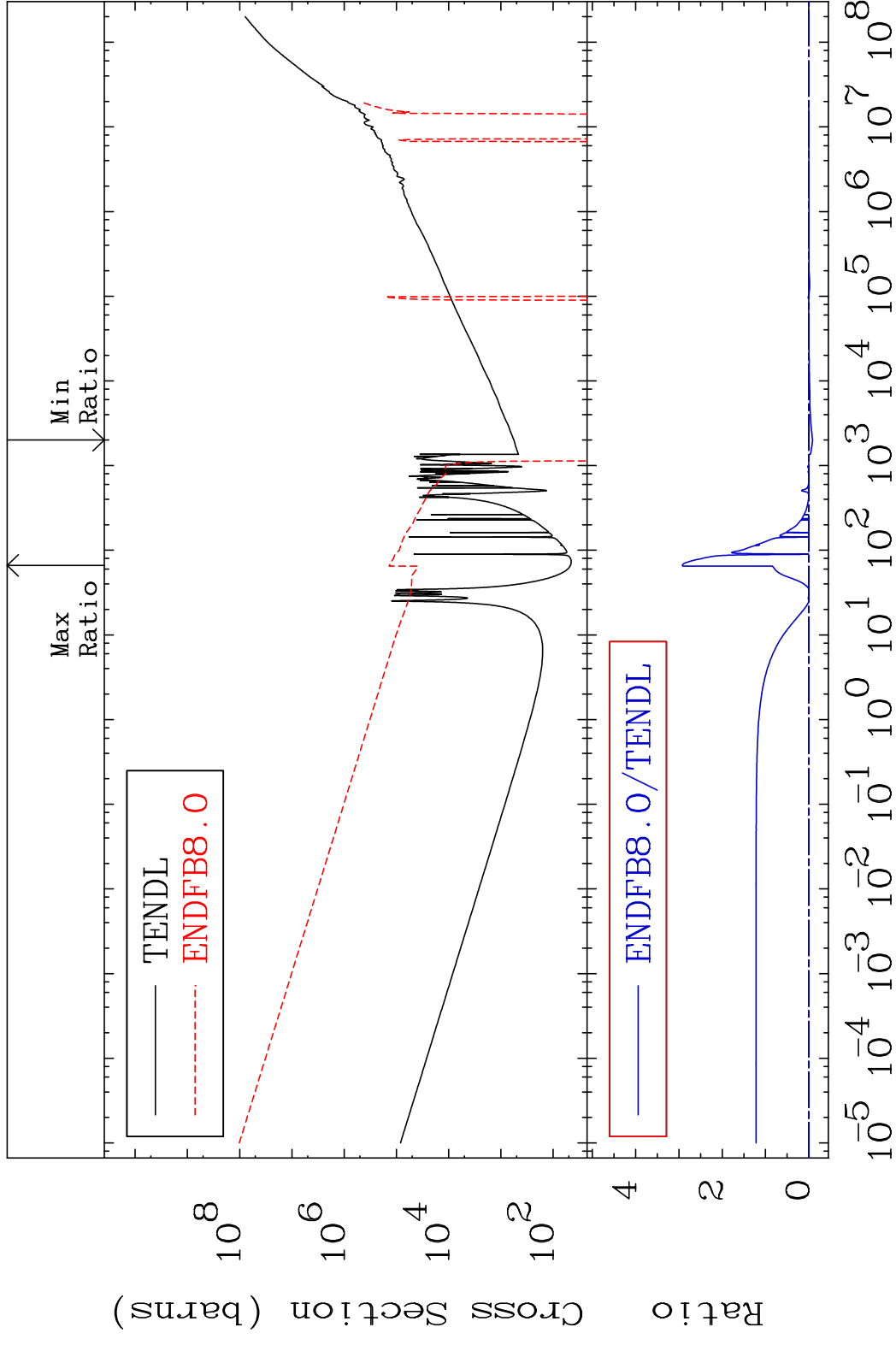


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Incident Energy (eV)

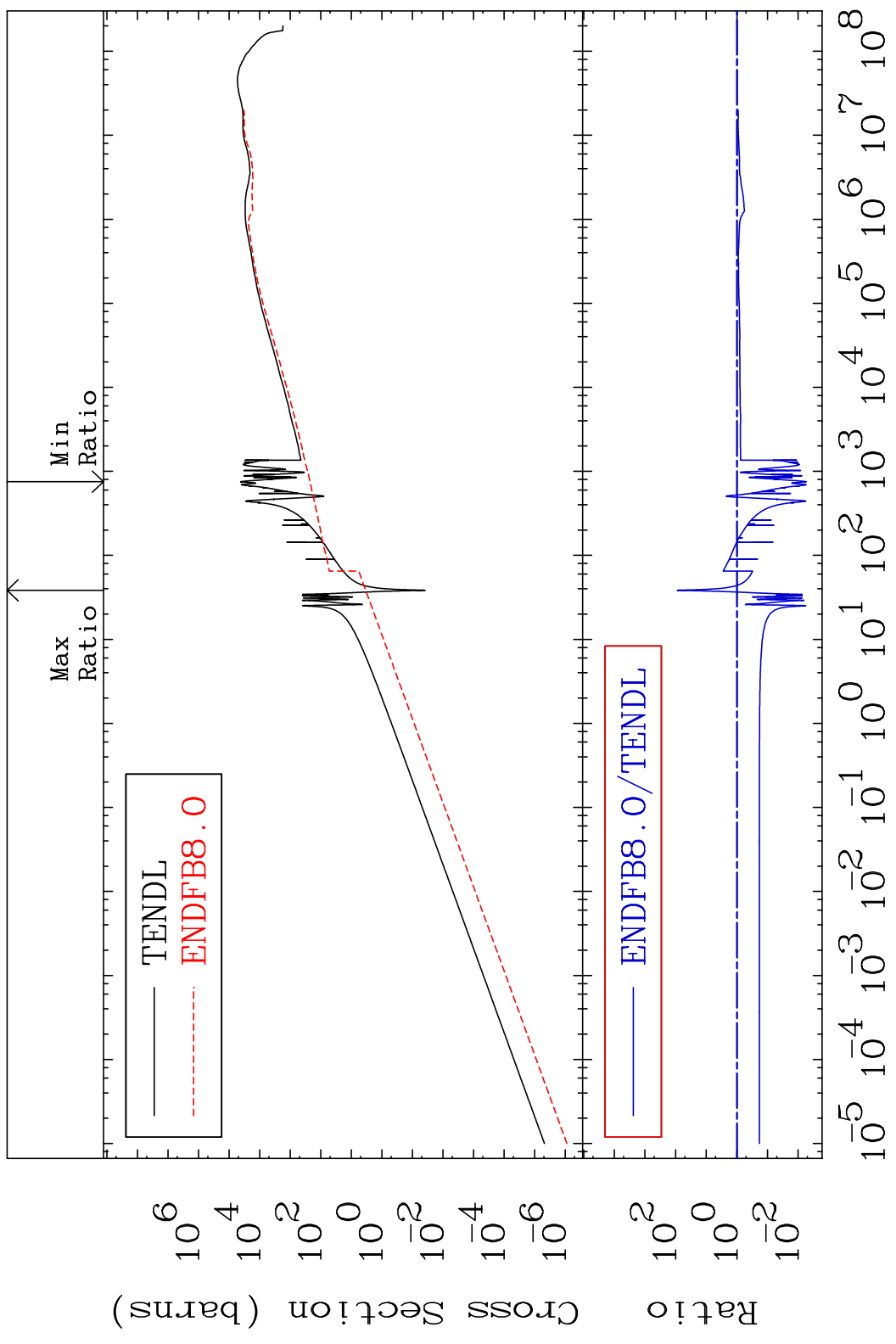
72-Hf-182

MAT 7249 Kerma total (eV-barns) 72-Hf-182
 Cross Section -8774. To 9999. %

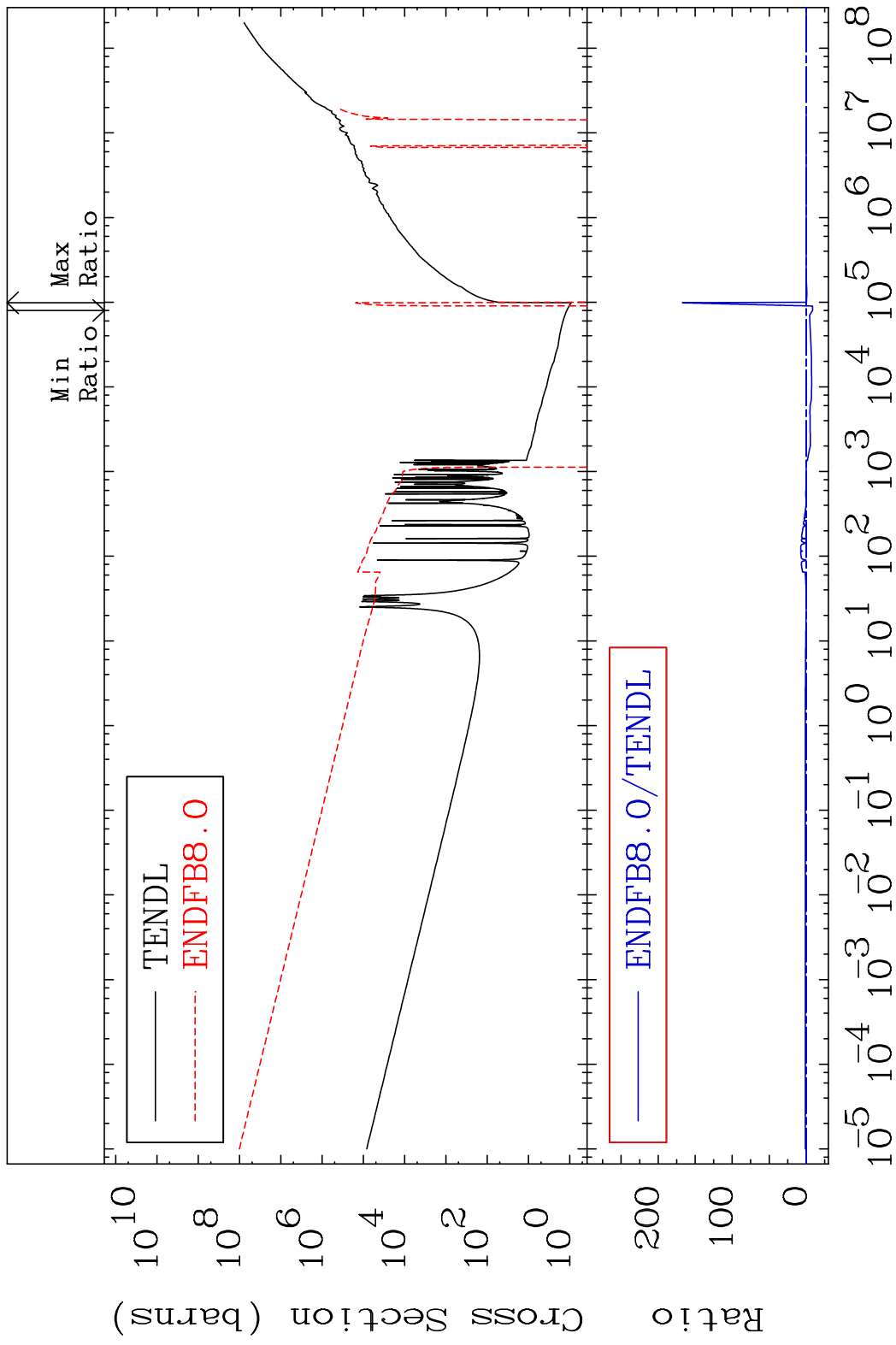


MAT 7249

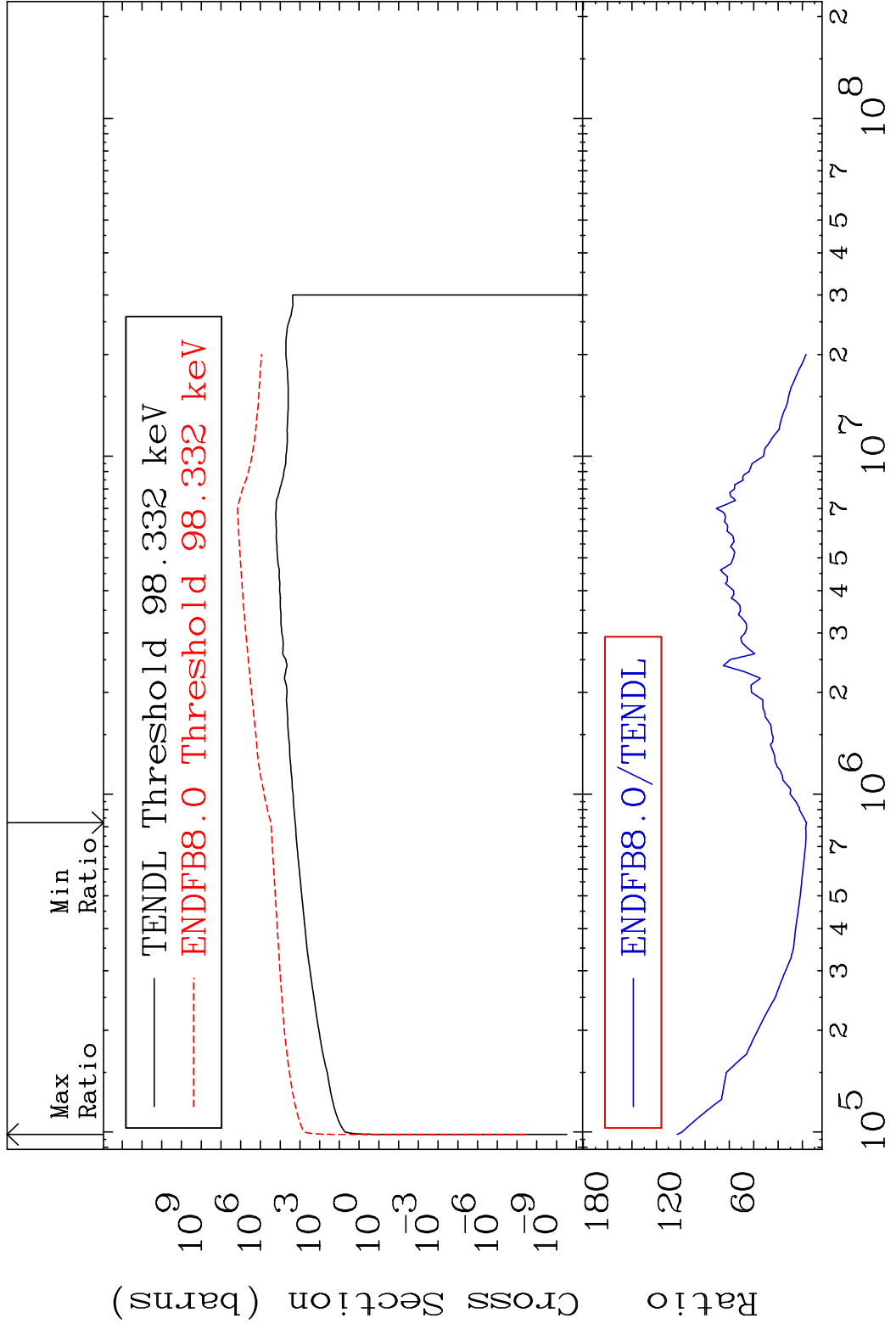
Kerma elastic Cross Section -99.46 To 8777. %
72-Hf-182



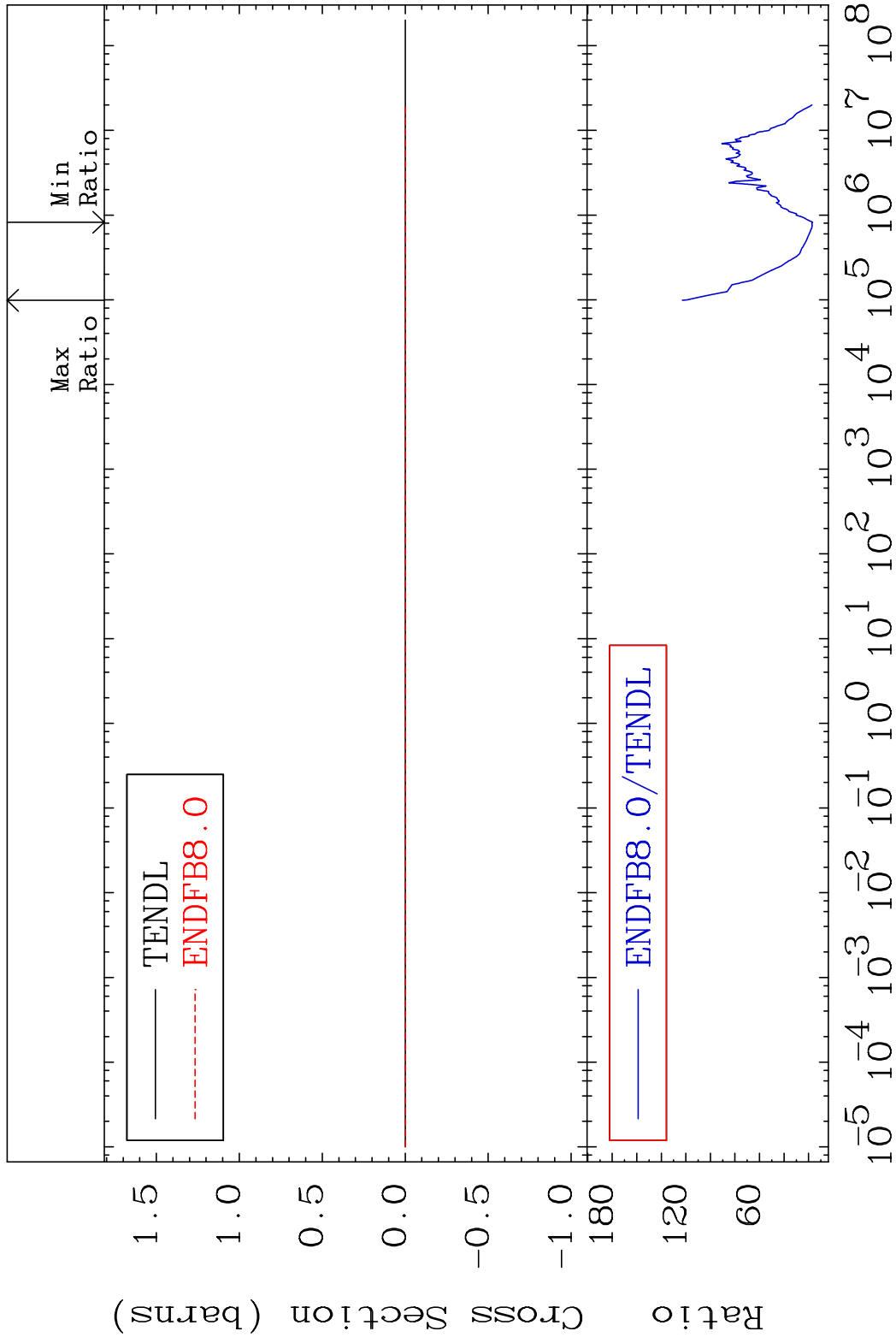
MAT 7249 Kerma non-elastic (all but mt2) 72-Hf-182
 Cross Section -9999. To 9999. %

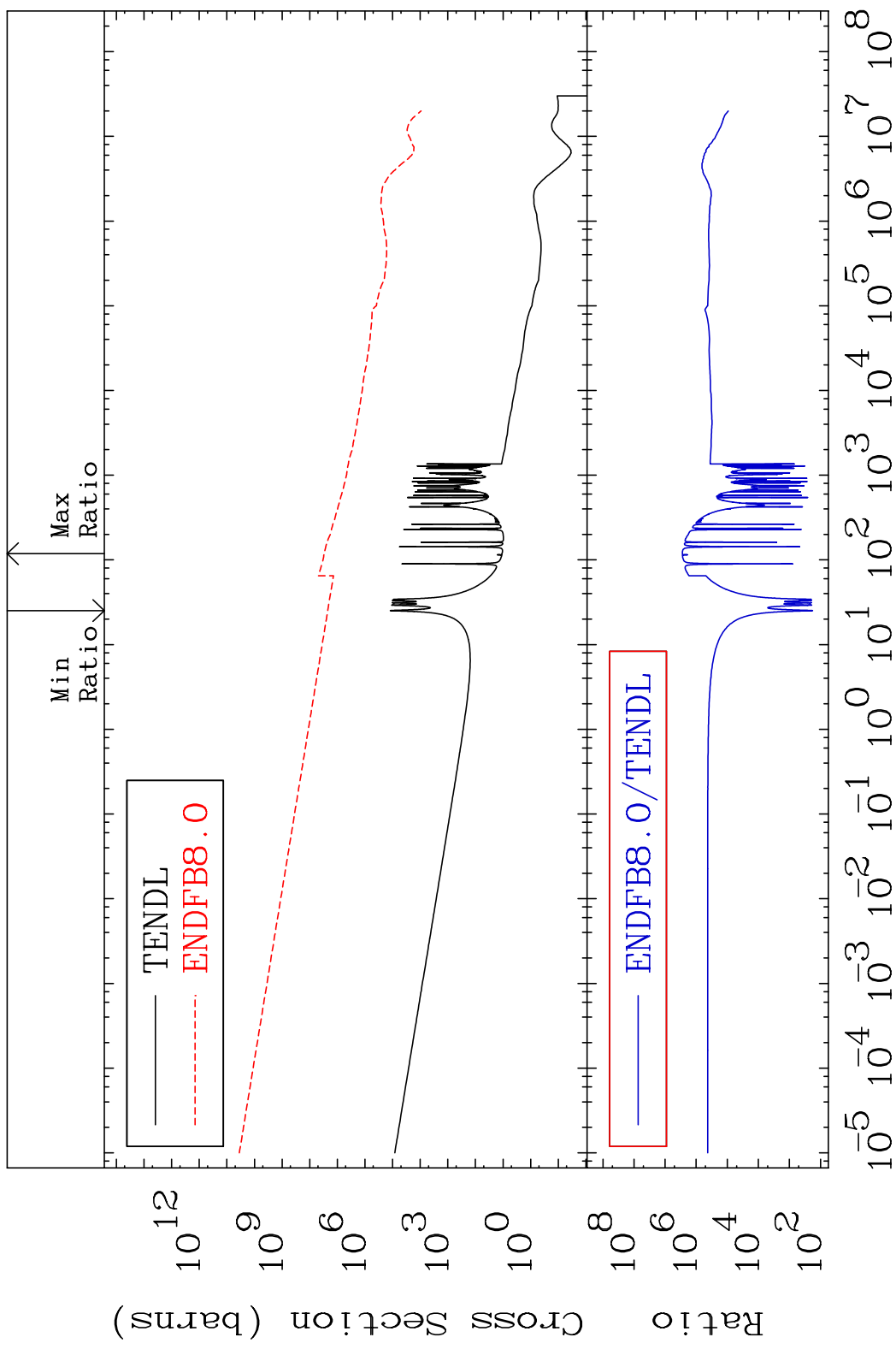


MAT 7249 Kerma inelastic (mt51-91) 72-Hf-182
 Cross Section 1576. To 9999. %

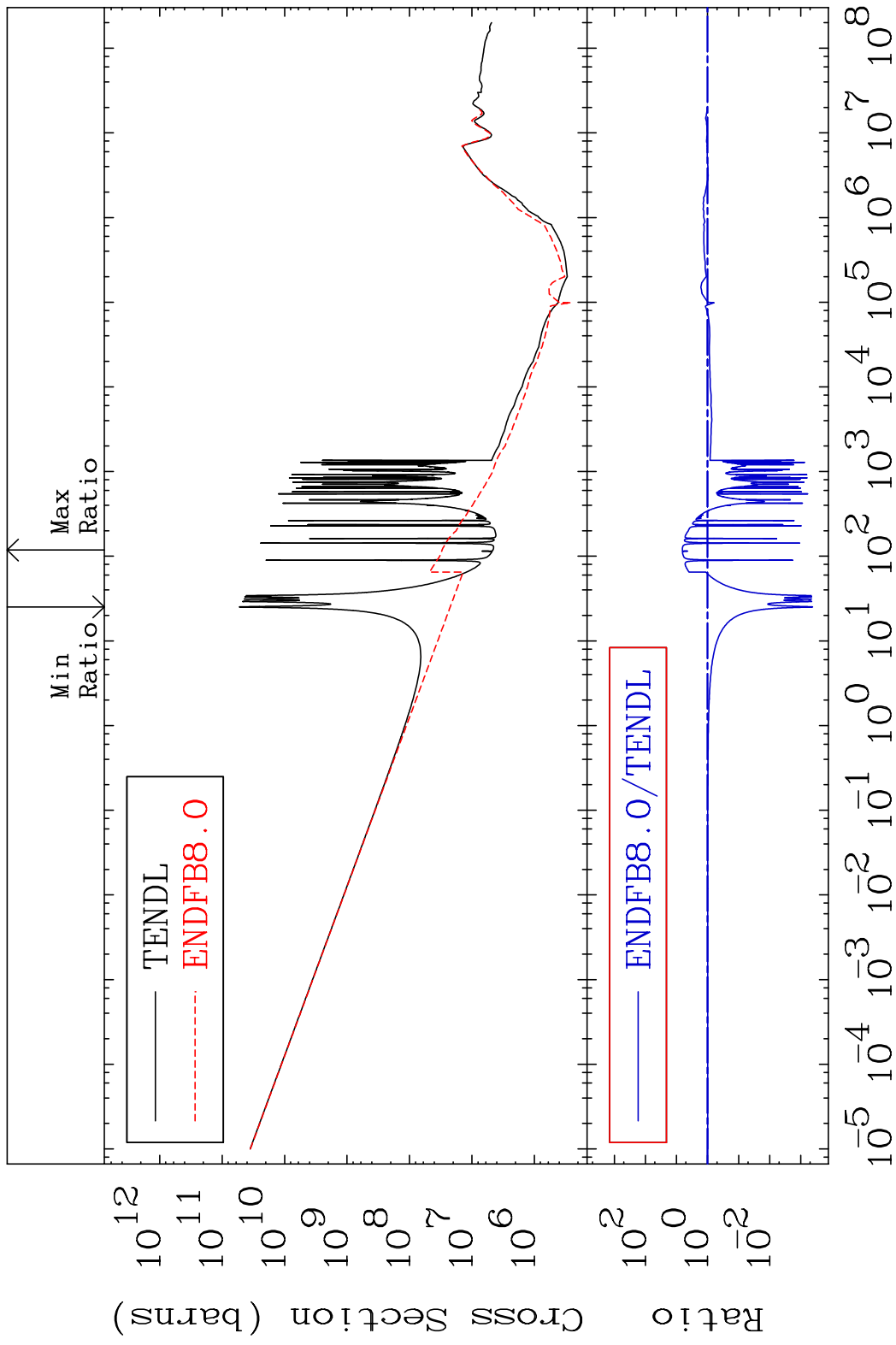


MAT 7249 Kerma fission (mt18 or mt19-20-21-38) 72-Hf-182
 Cross Section 1576. To 9999. %

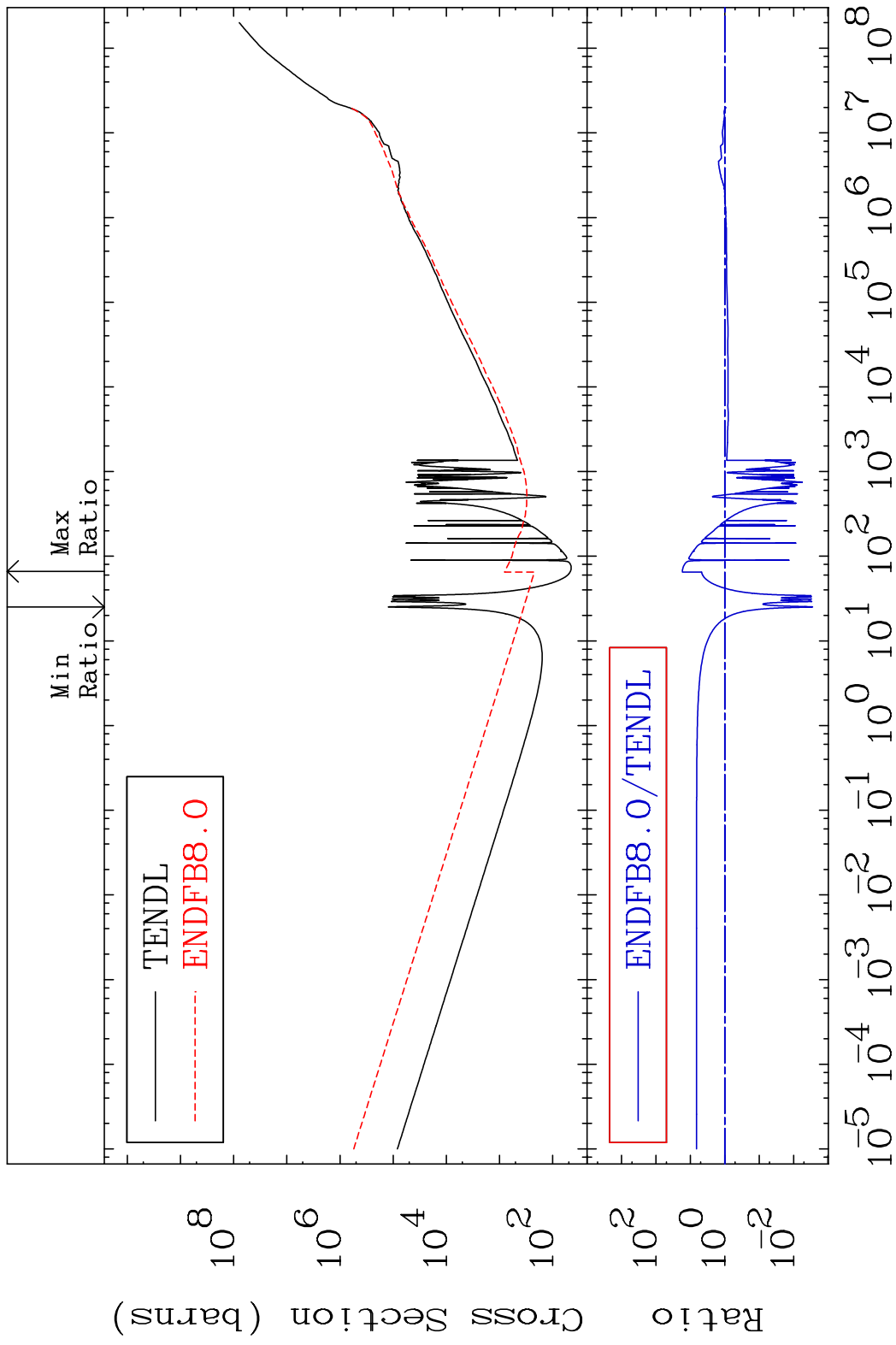




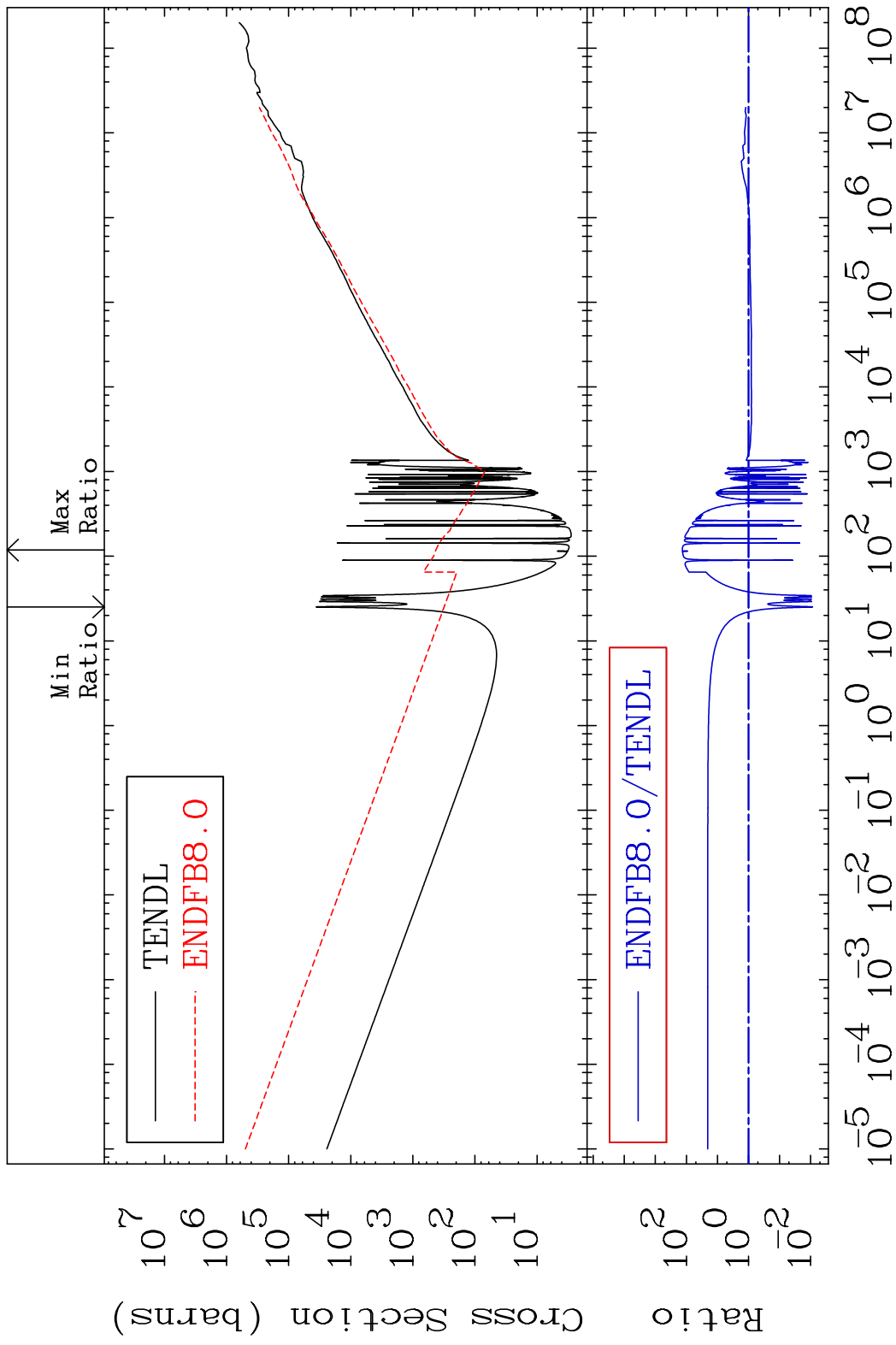
MAT 7249 Total photon (eV-barns) 72-Hf-182
 Cross Section -99.96 To 548.4 %



MAT 7249 Total kinematic kerma (high limit) 72-Hf-182
 Cross Section -99.72 To 1610. %



MAT 7249 Dpa total (eV-barns) 72-Hf-182
 Cross Section -99.13 To 9999. %

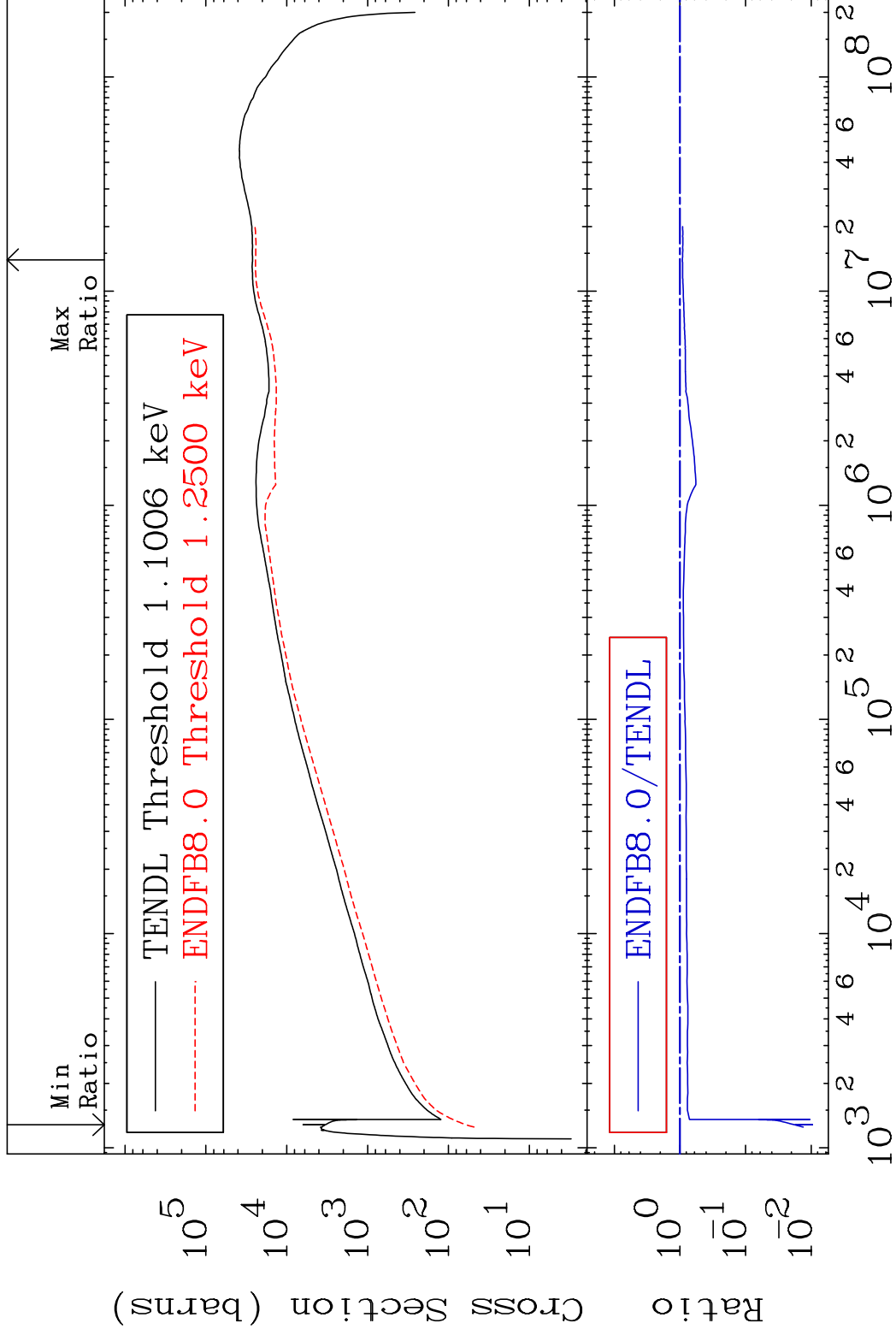


MAT 7249

Dpa elastic (mt2)

72-Hf-182

Cross Section -99.05 To -7.952%

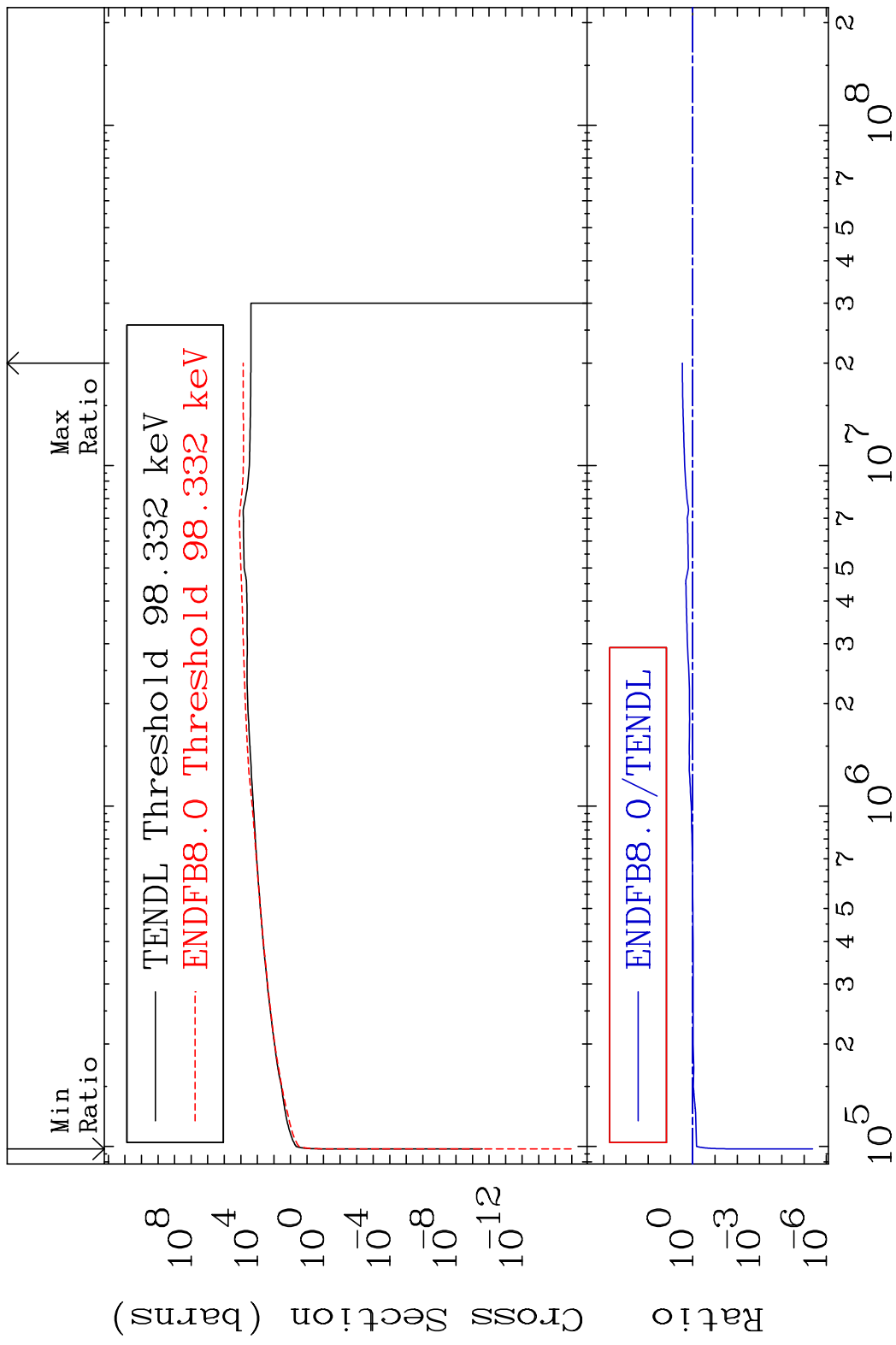


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Incident Energy (eV)

72-Hf-182

MAT 7249 Dpa inelastic (mt51-91) 72-Hf-182
 Cross Section -100.0 To 191.8 %



40 Incident Energy (eV) 72-Hf-182

MAT 7249 Dpa disappearance (mt102 -120) 72-Hf-182
 Cross Section -99.13 To 9999. %

