

Program Complot
(Version 2021-1)

by

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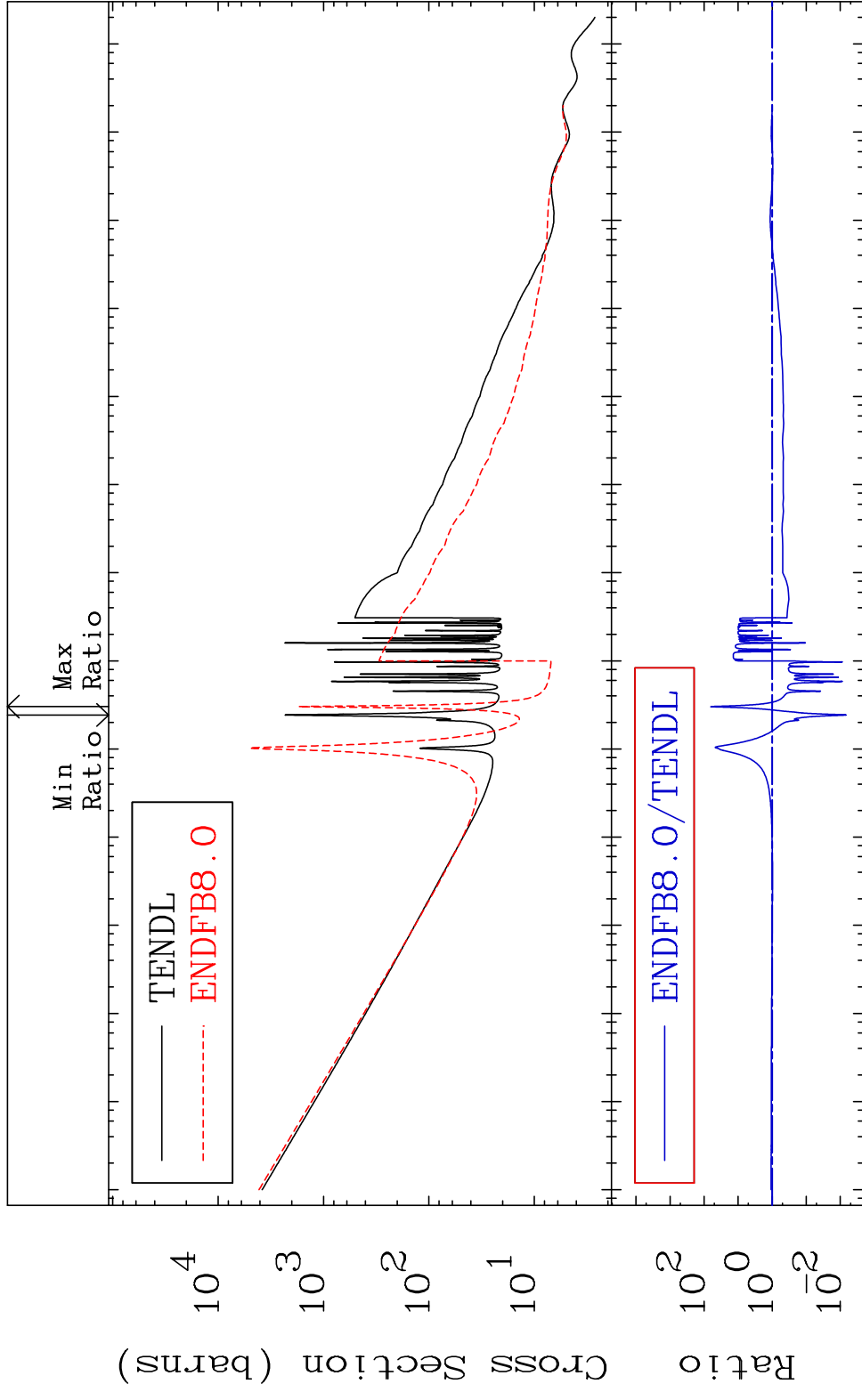
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7228

Total
Cross Section -99.33 To 6286. %

72-Hf-175



1

Incident Energy (eV)

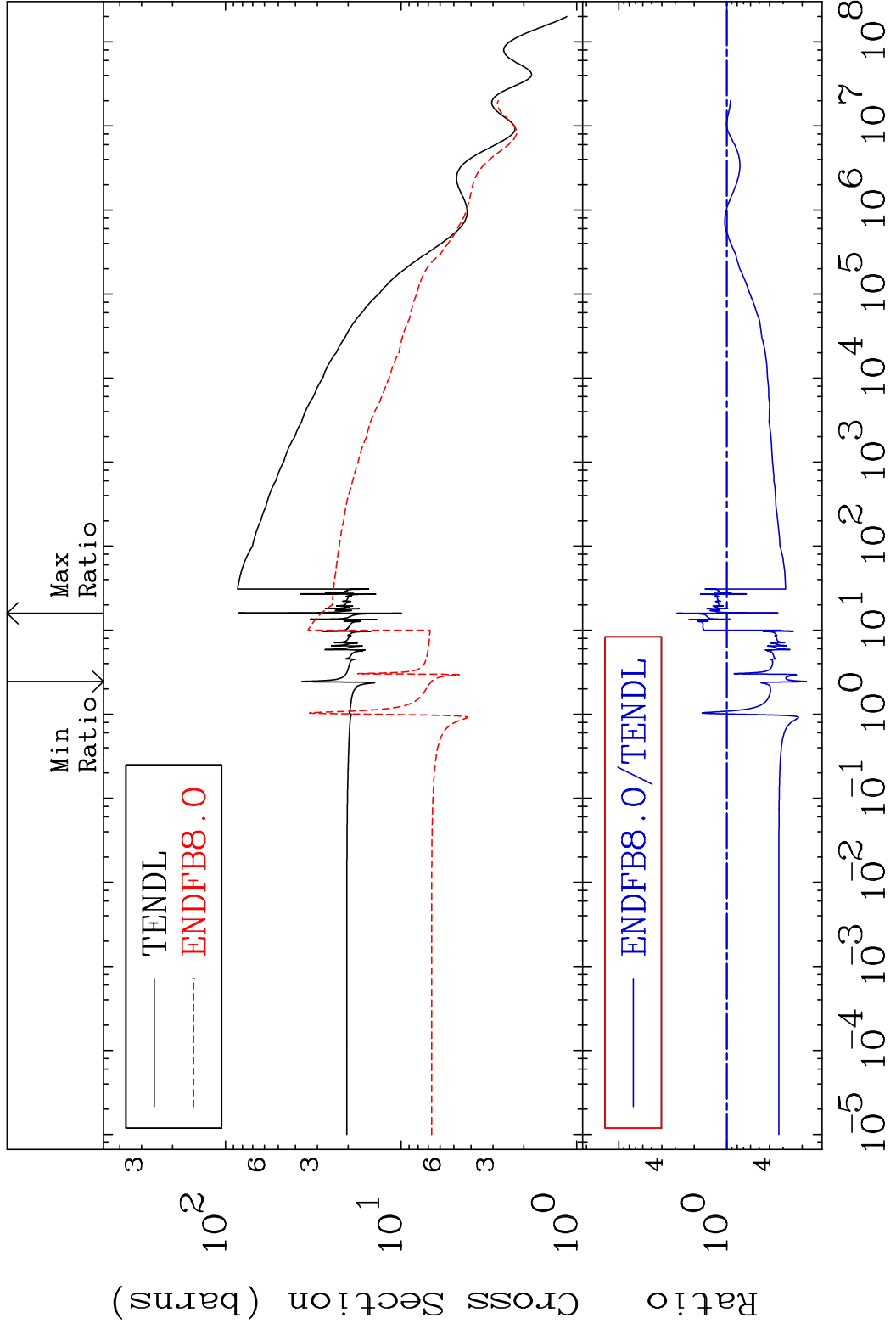
72-Hf-175

MAT 7228

Elastic

72-Hf-175

Cross Section -81.75 To 187.9 %

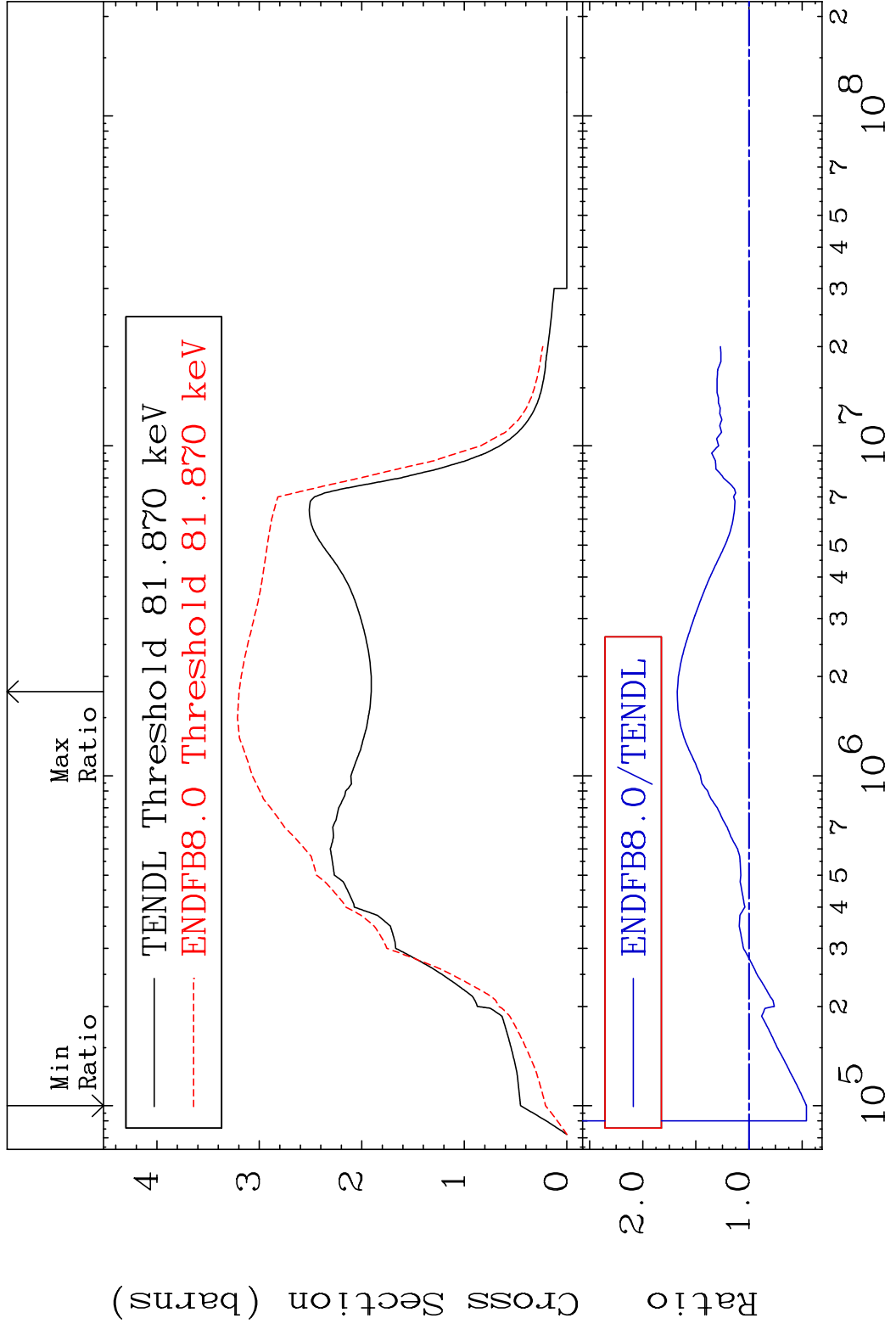


2

Incident Energy (eV)

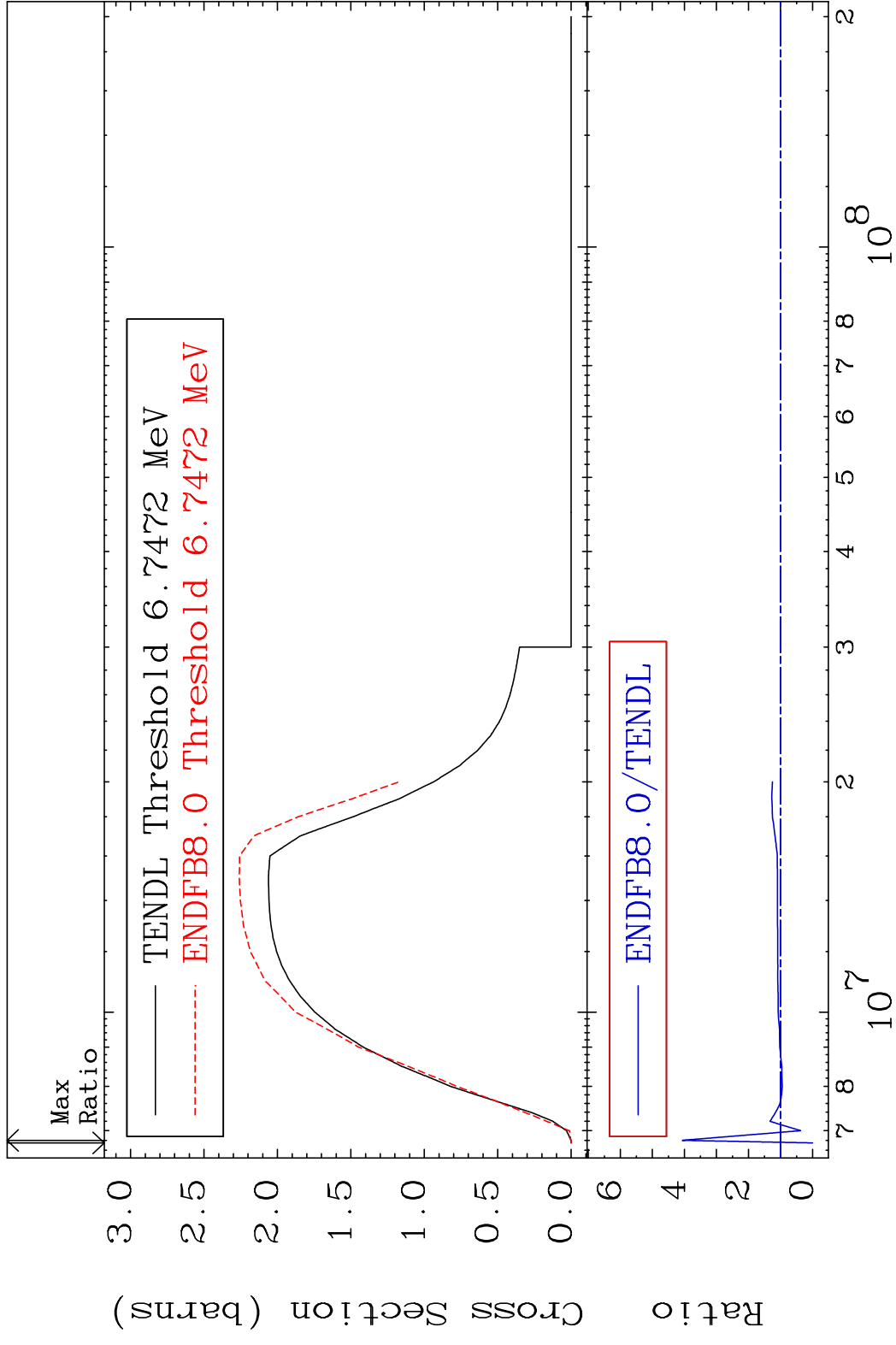
72-Hf-175

MAT 7228 Inelastic 72-Hf-175
 Cross Section -54.09 To 67.56 %

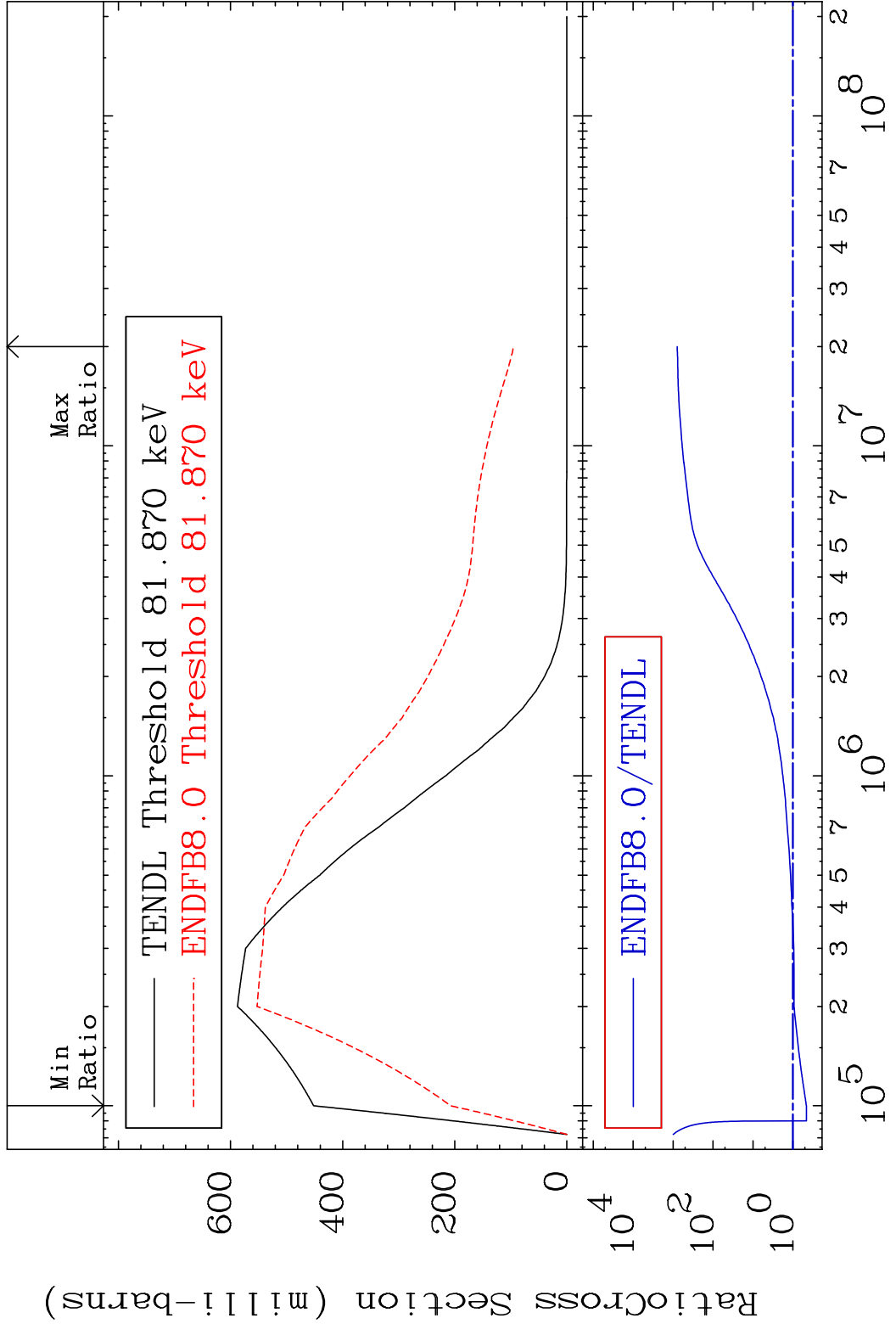


3 Incident Energy (eV) 72-Hf-175

MAT 7228 (n,2n) 72-Hf-175
 Cross Section -100.0 To 306.4 %

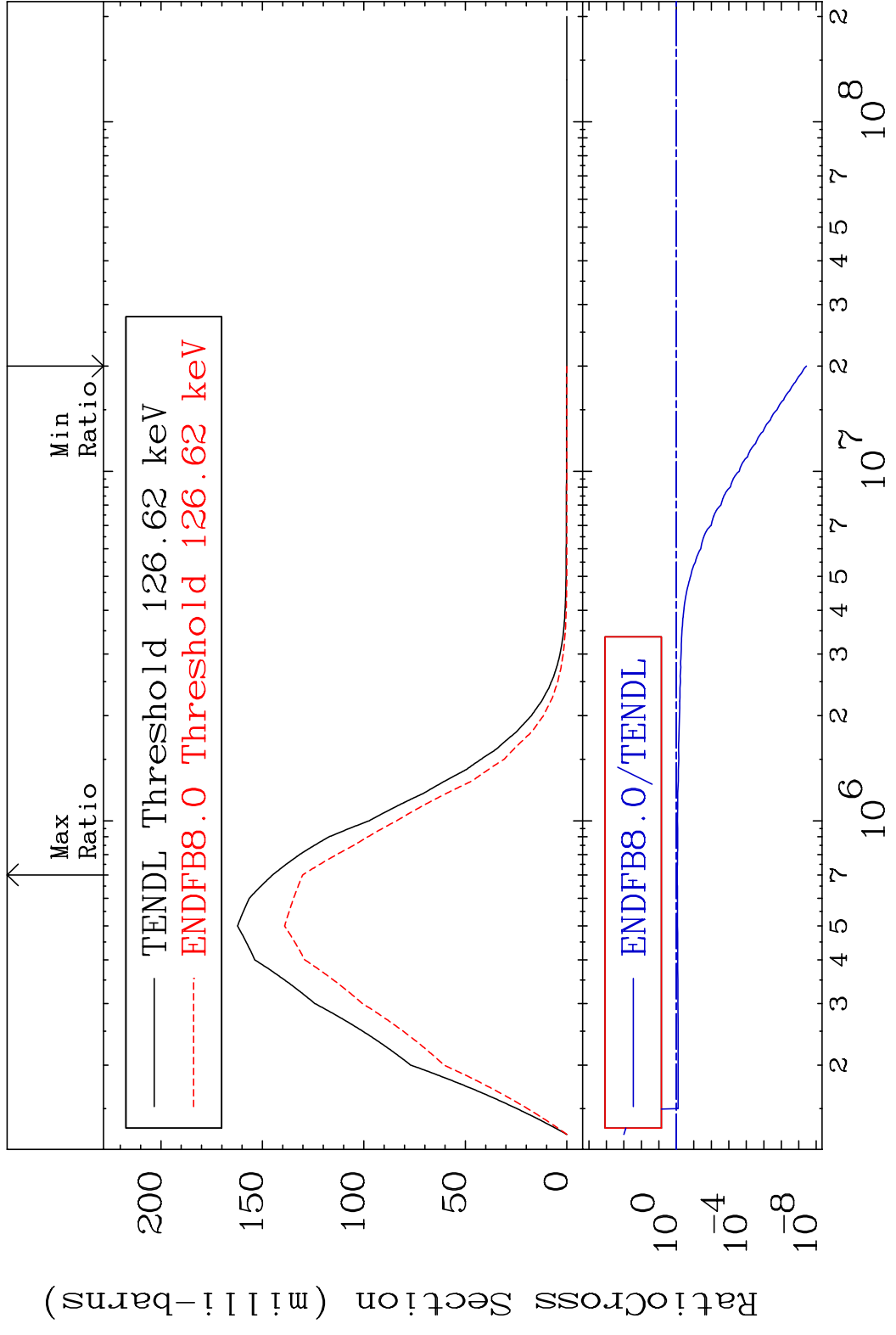


MAT 7228 MT= 51 (n, n') Level 72-Hf-175
 Cross Section -54.09 To 9999. %

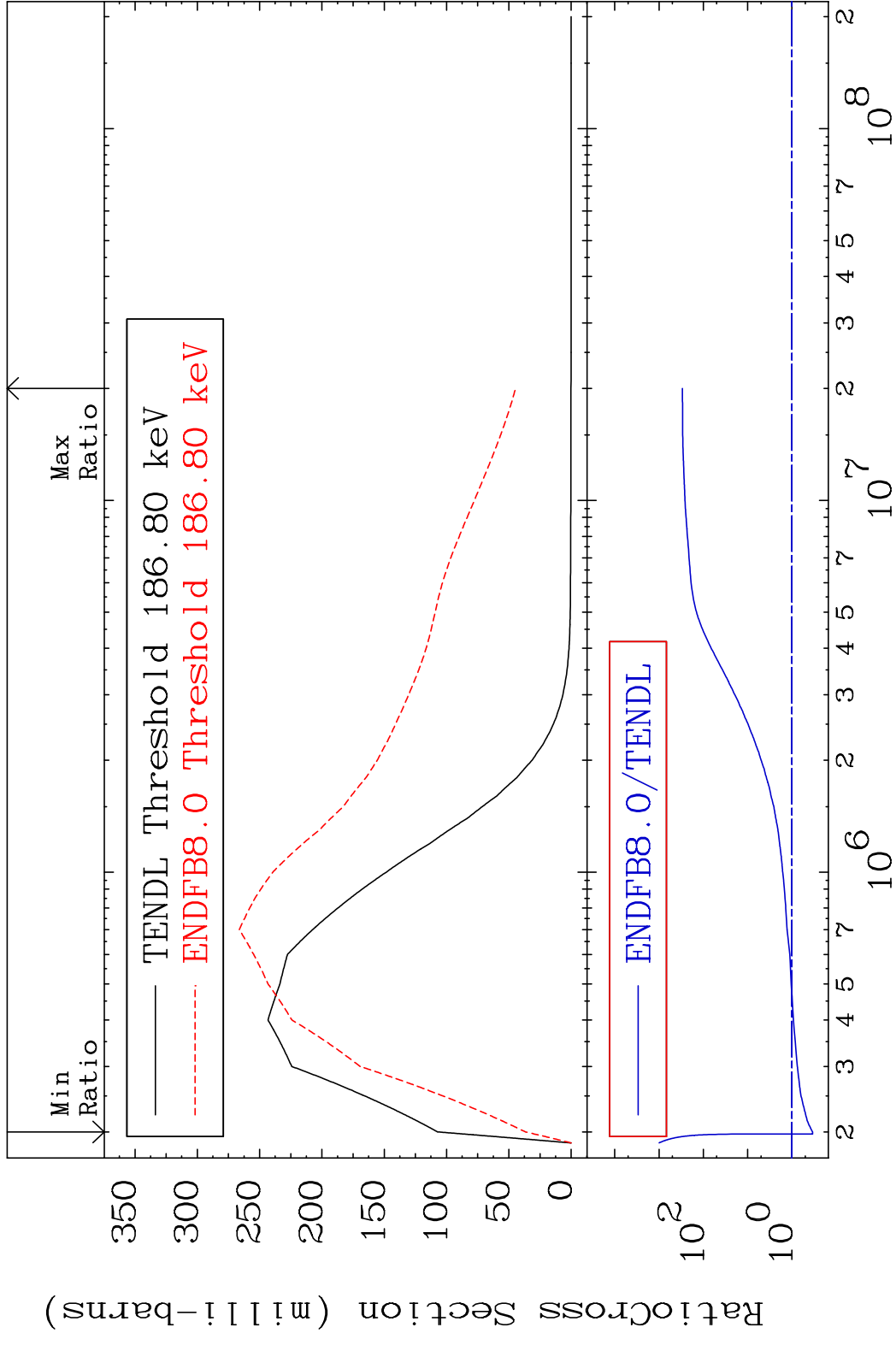


5 Incident Energy (eV) 72-Hf-175

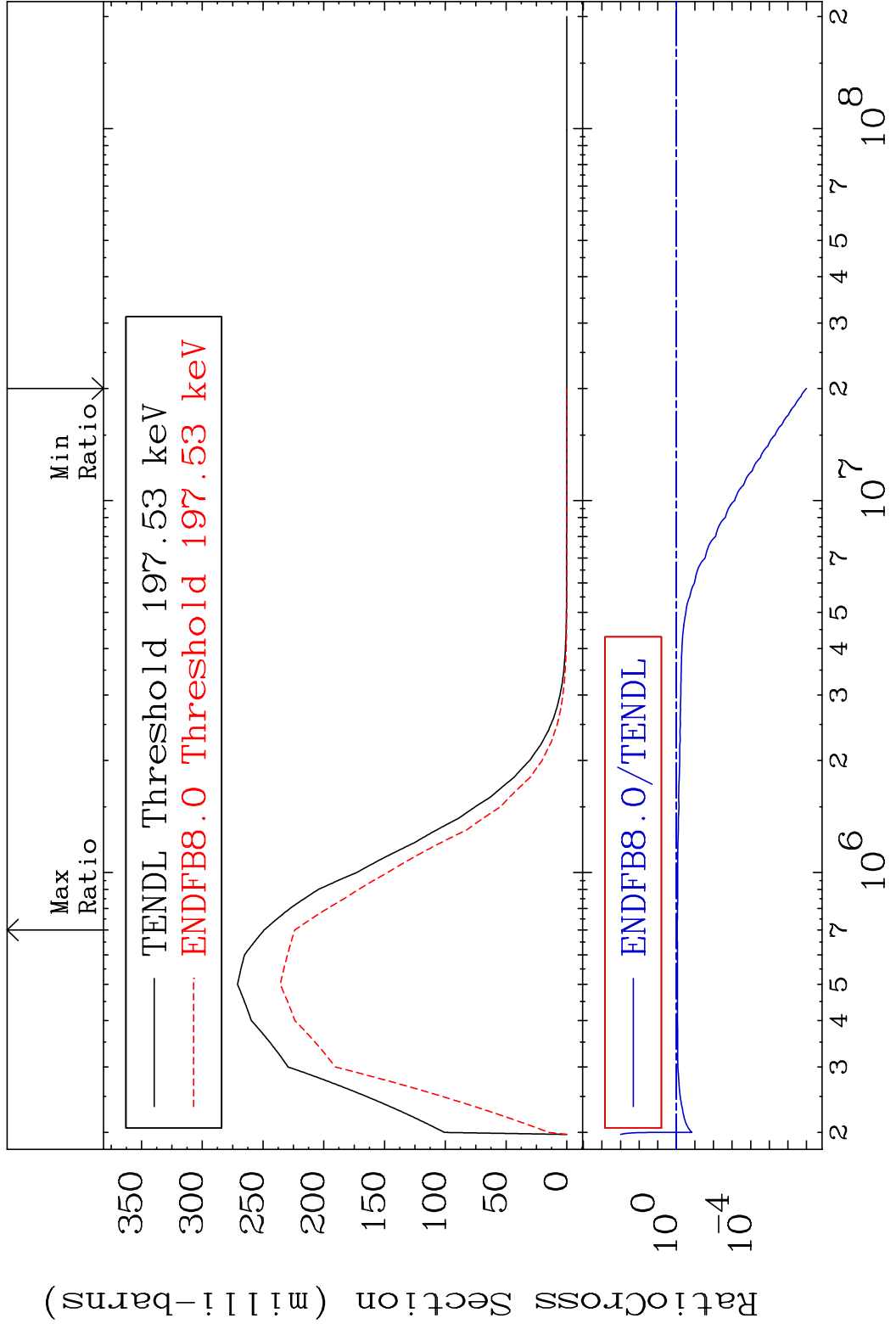
MAT 7228 MT= 52 (n,n') Level 72-Hf-175
 Cross Section -100.0 To -10.19%



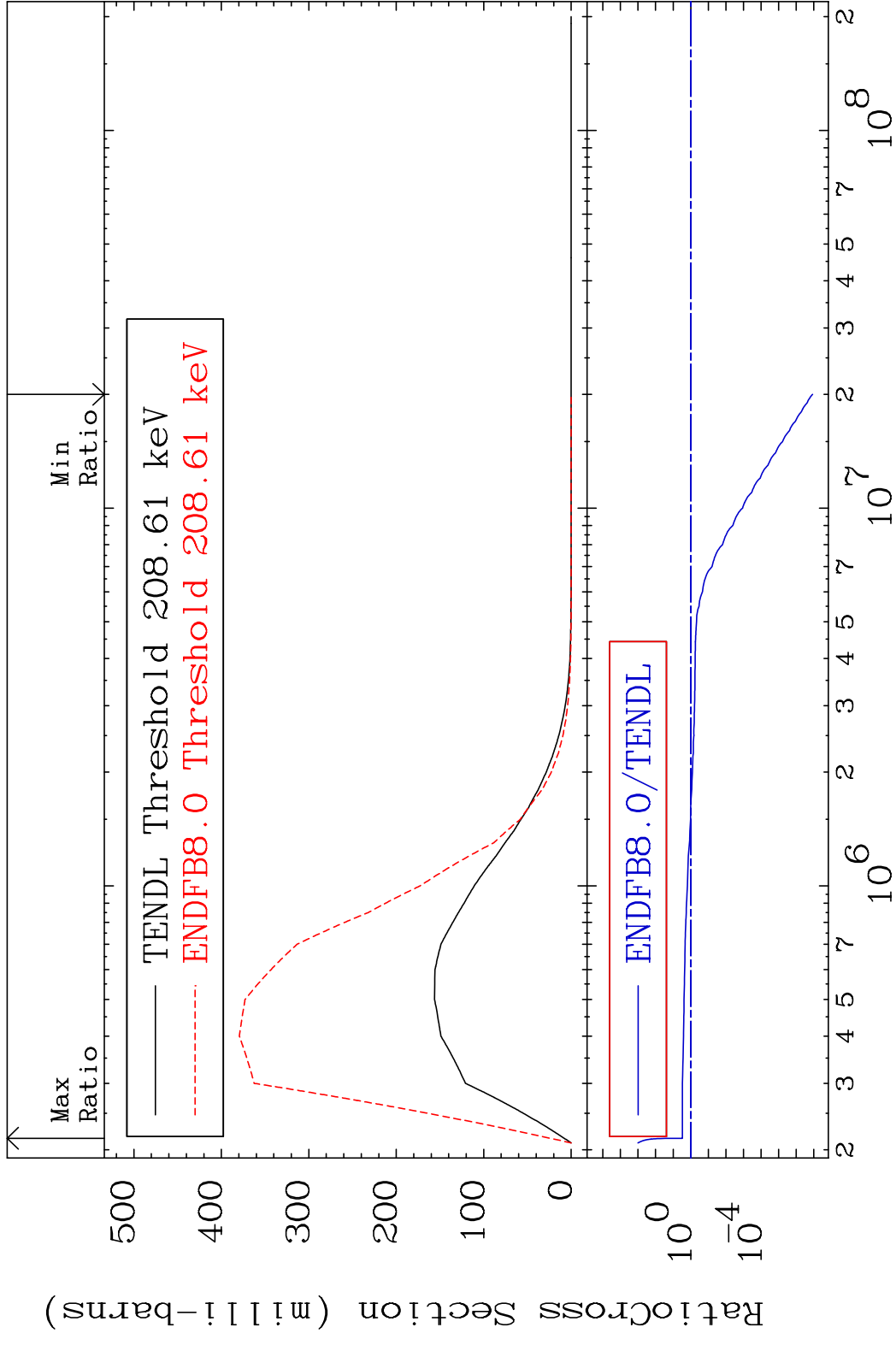
MAT 7228 MT= 53 (n, n') Level 72-Hf-175
 Cross Section -65.80 To 9999. %



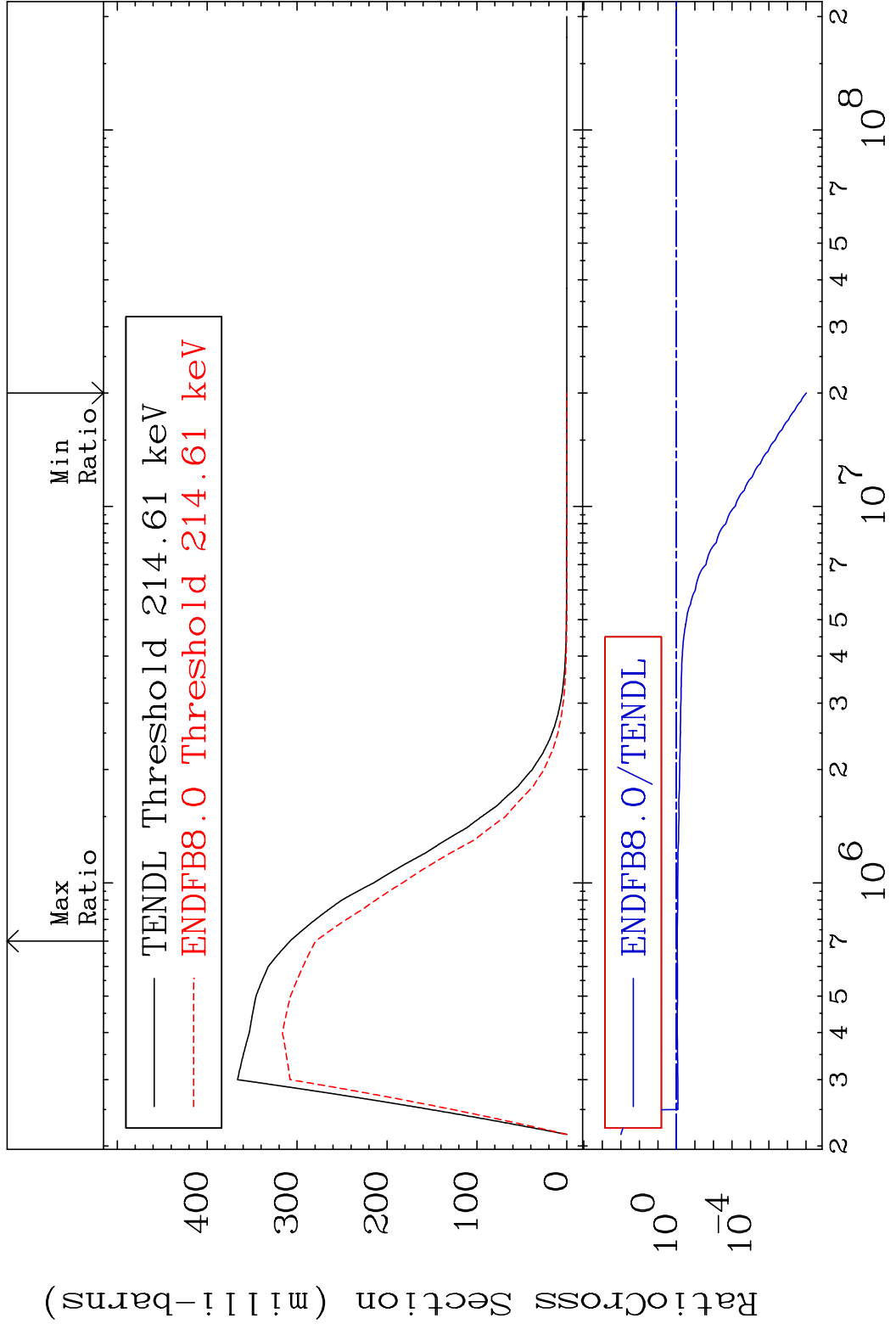
MAT 7228 MT= 54 (n,n') Level 72-Hf-175
 Cross Section -100.0 To -10.11%



MAT 7228 MT= 55 (n,n') Level 72-Hf-175
 Cross Section -100.0 To 199.8 %

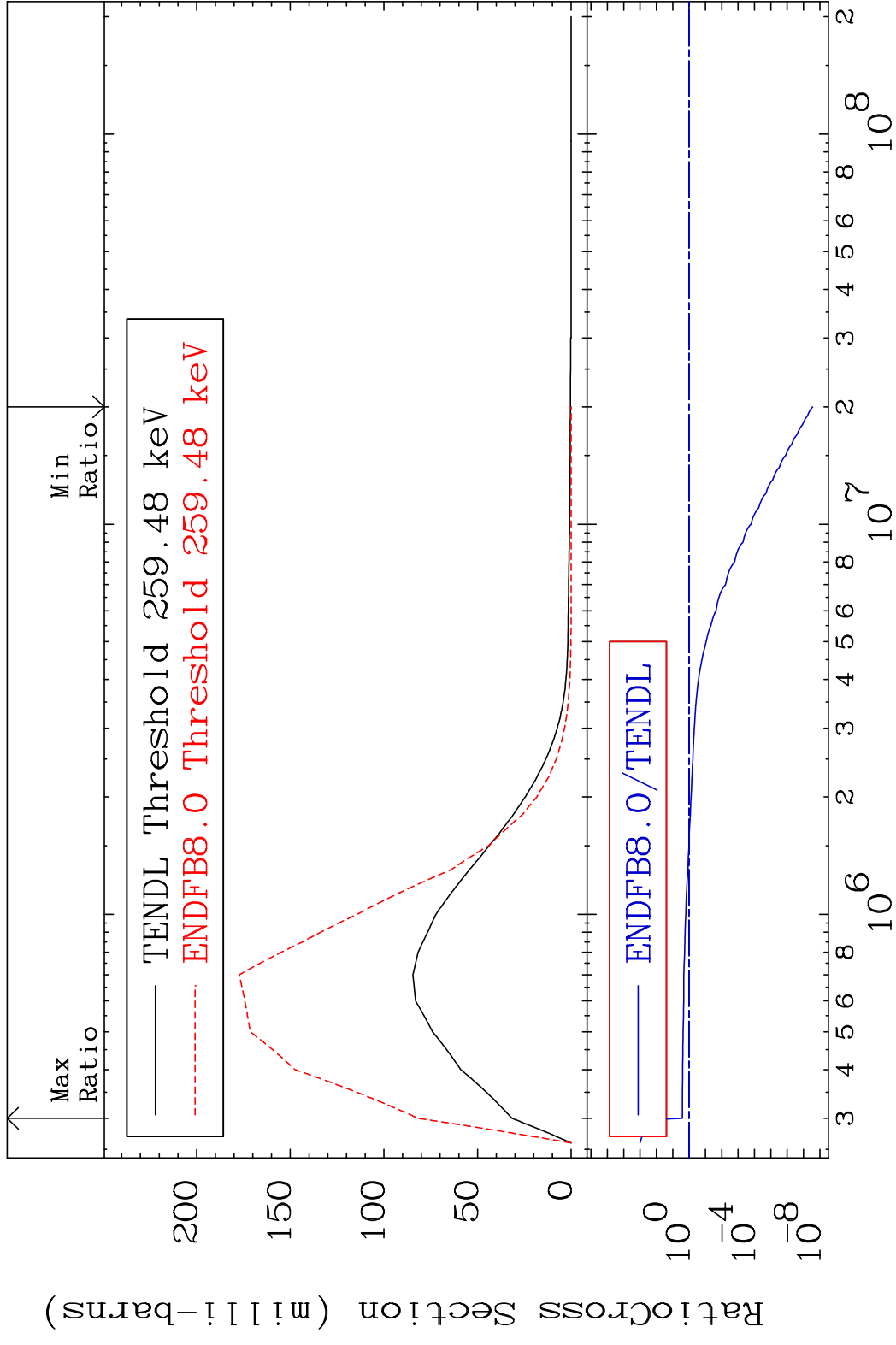


MAT 7228 MT= 56 (n,n') Level 72-Hf-175
 Cross Section -100.0 To -9.257%

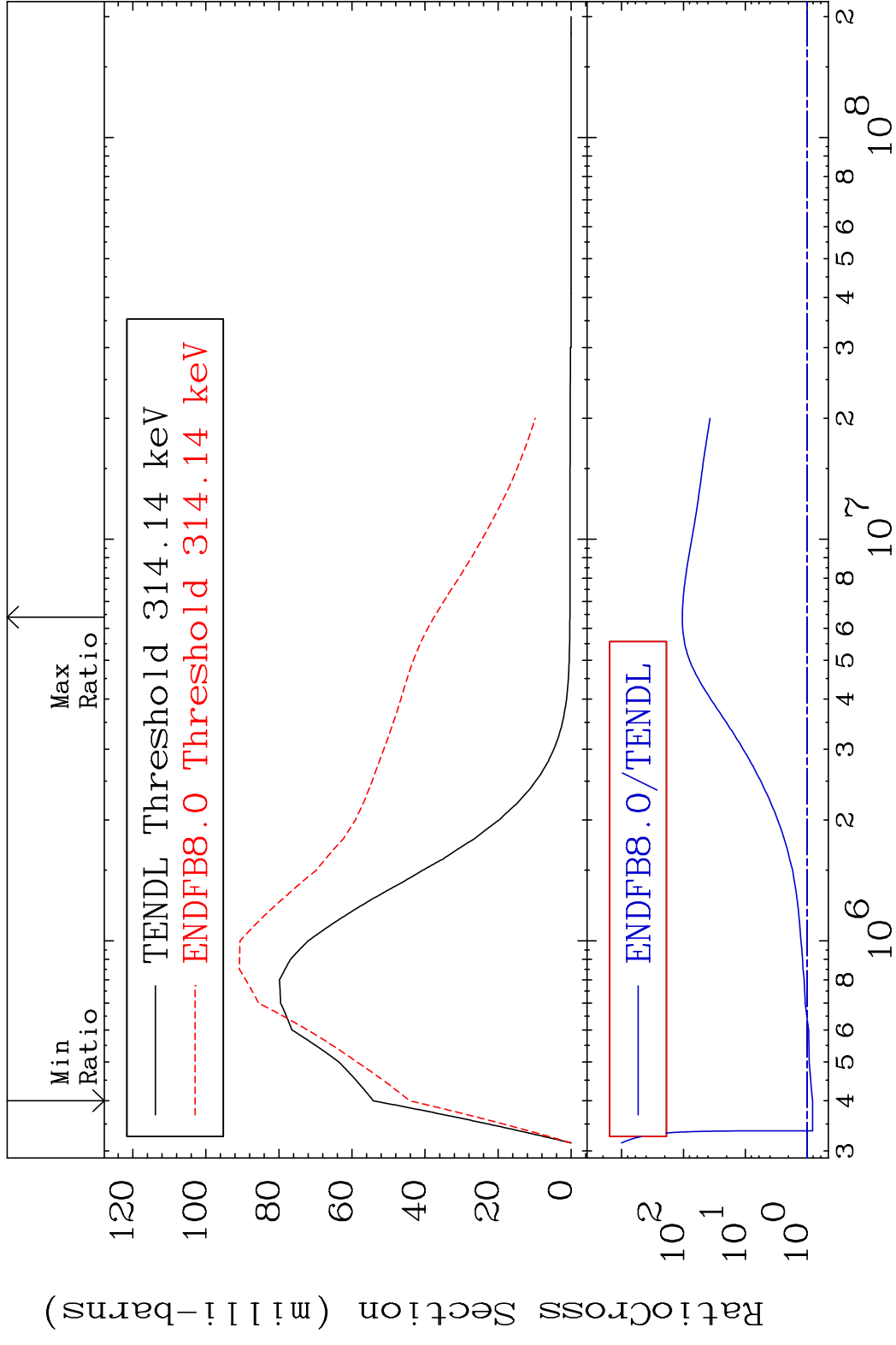


10 Incident Energy (eV) 72-Hf-175

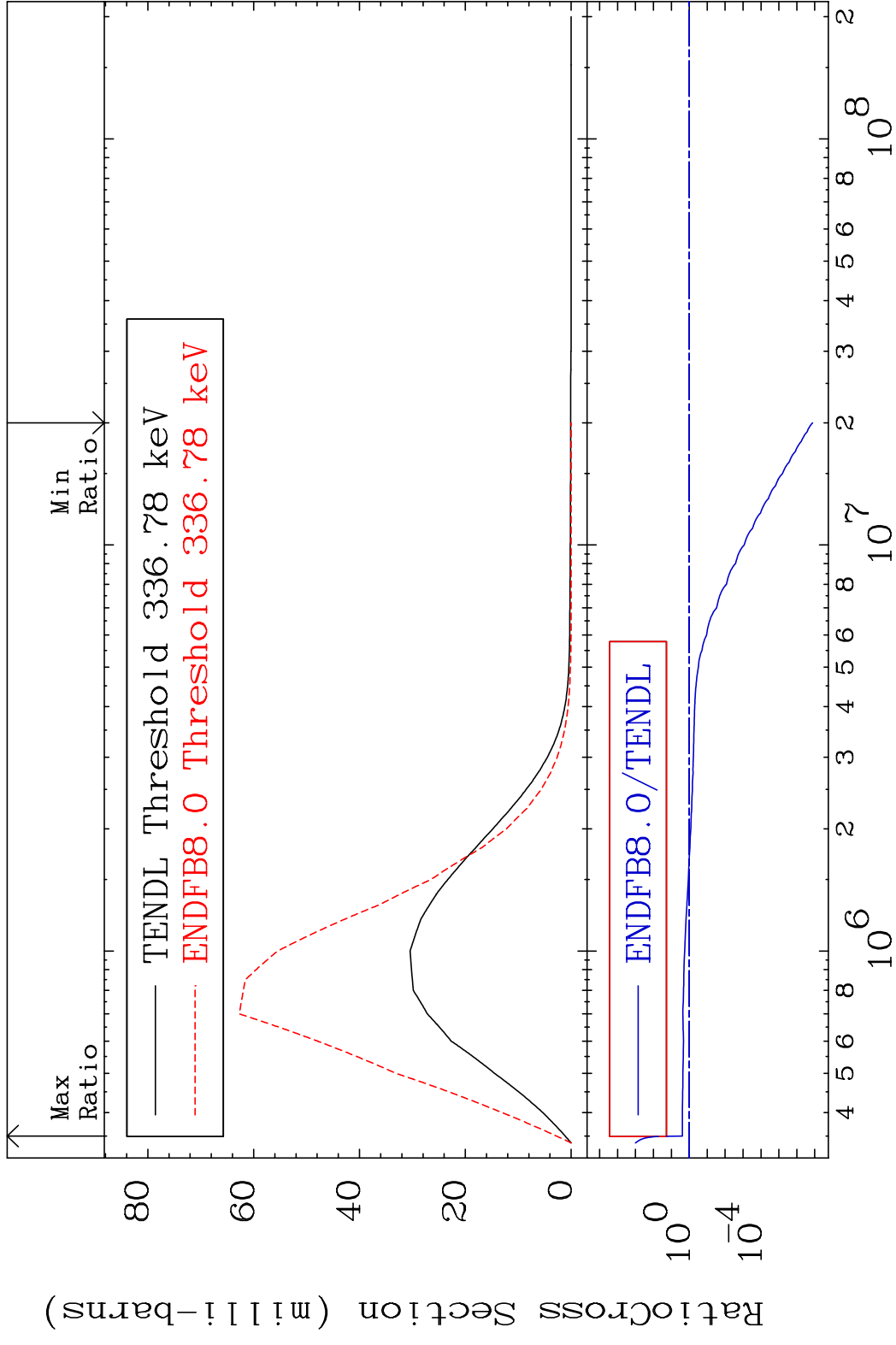
MAT 7228 MT= 57 (n, n') Level 72-Hf-175
 Cross Section -100.0 To 158.1 %



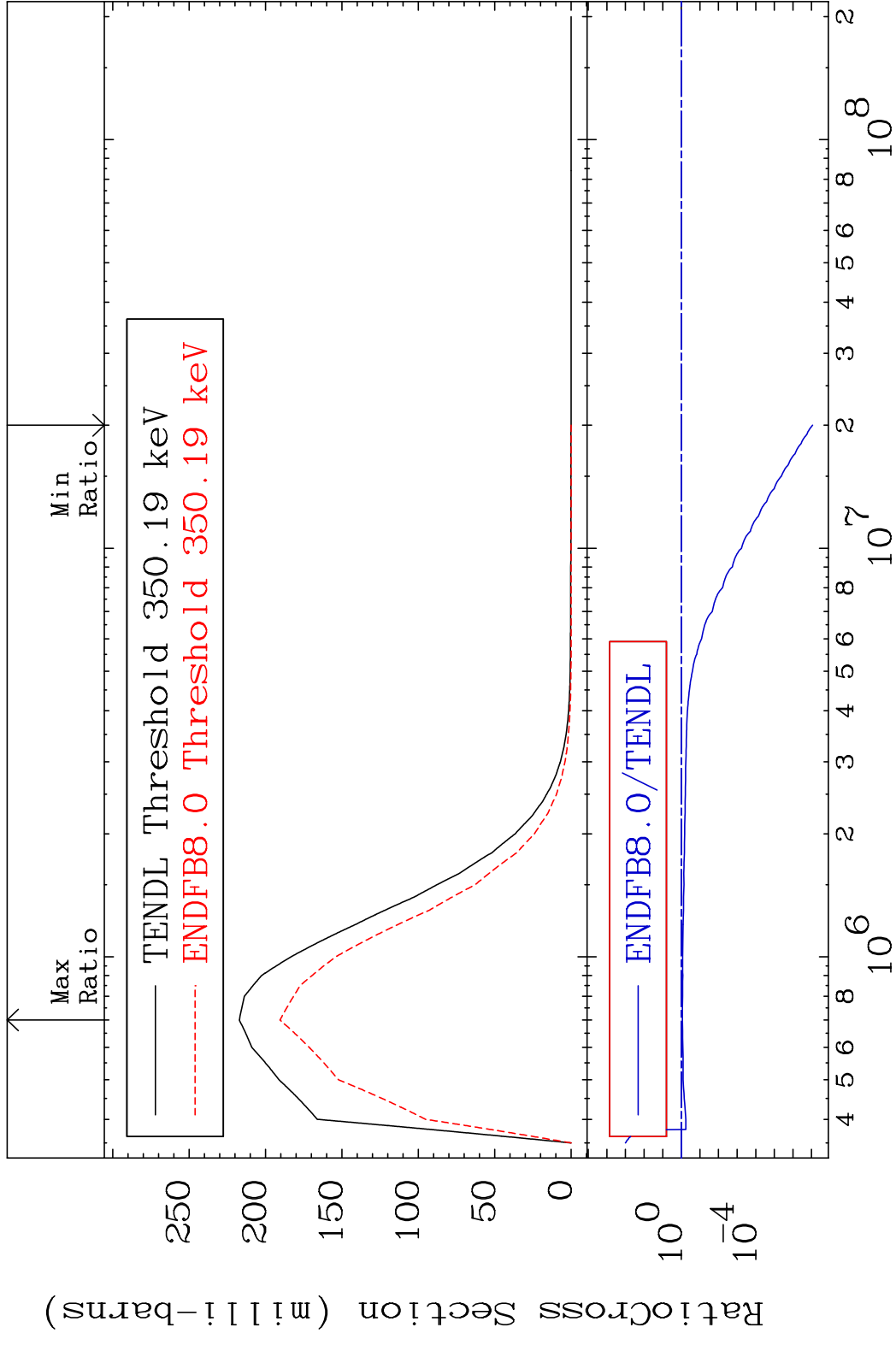
MAT 7228 MT= 58 (n,n') Level 72-Hf-175
 Cross Section -18.37 To 9999. %



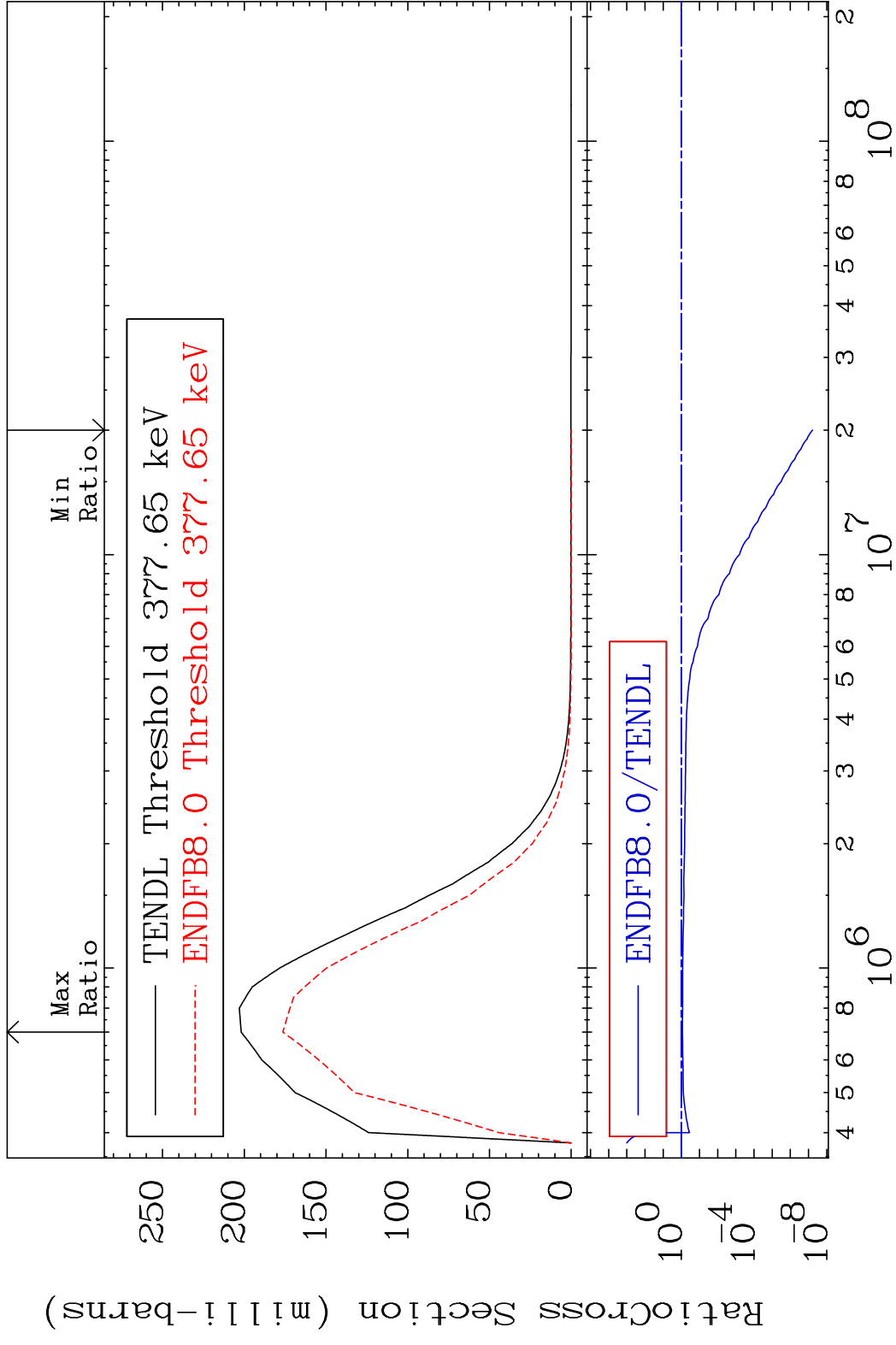
MAT 7228 MT= 59 (n, n') Level 72-Hf-175
 Cross Section -100.0 To 143.7 %



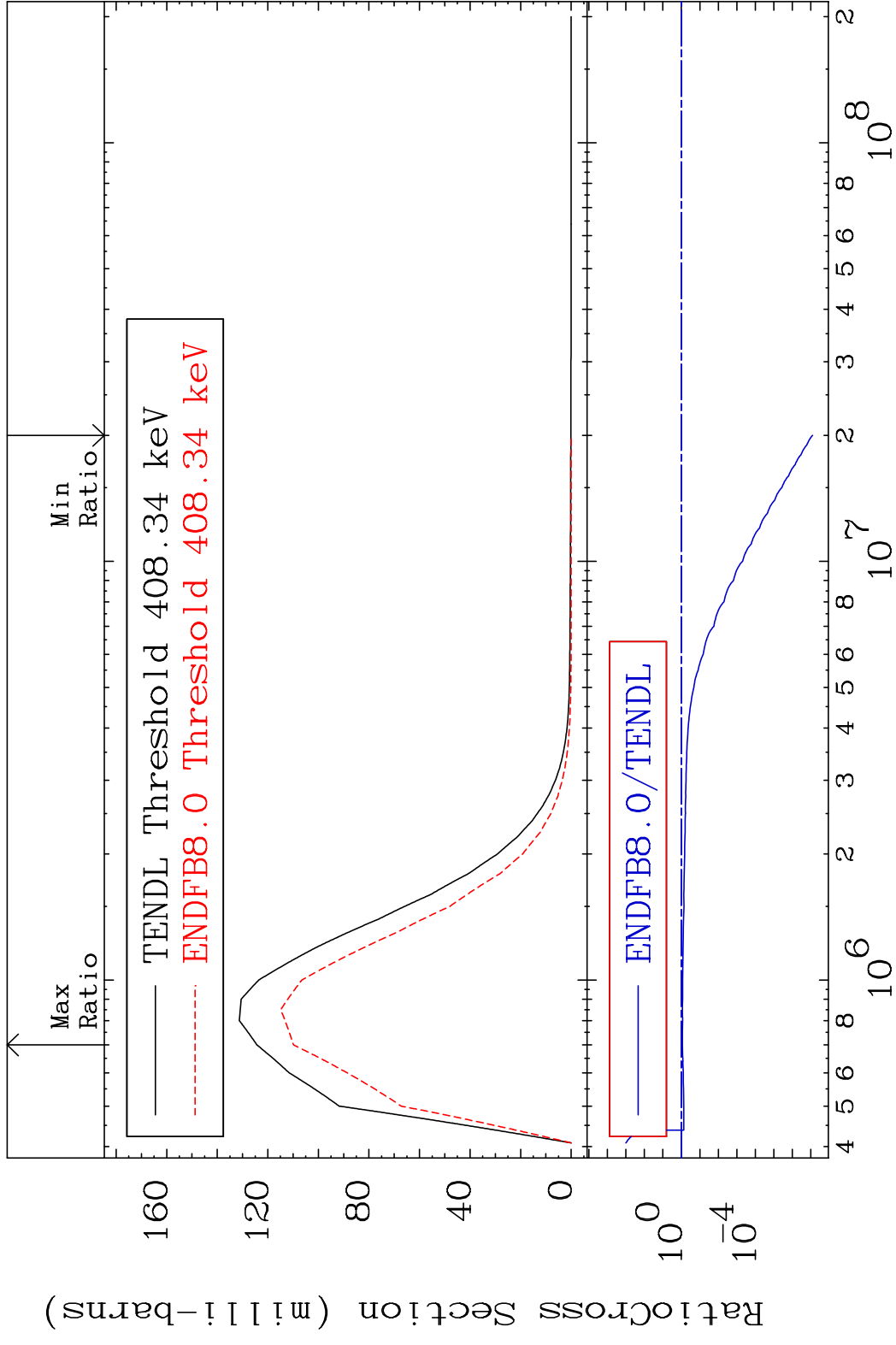
MAT 7228 MT= 60 (n,n') Level 72-Hf-175
 Cross Section -100.0 To -12.26%



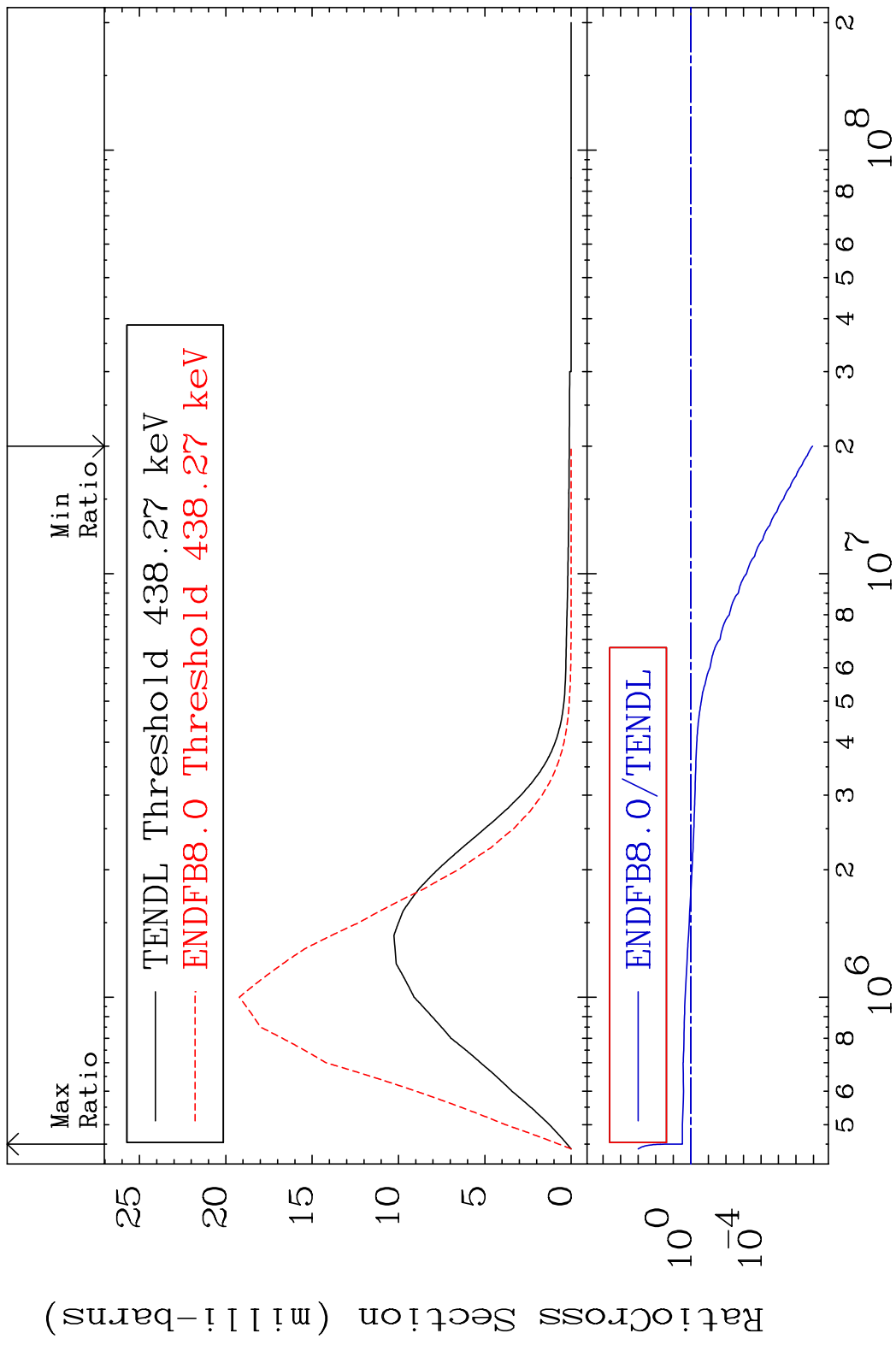
MAT 7228 MT= 61 (n, n') Level 72-Hf-175
 Cross Section -100.0 To -12.63%



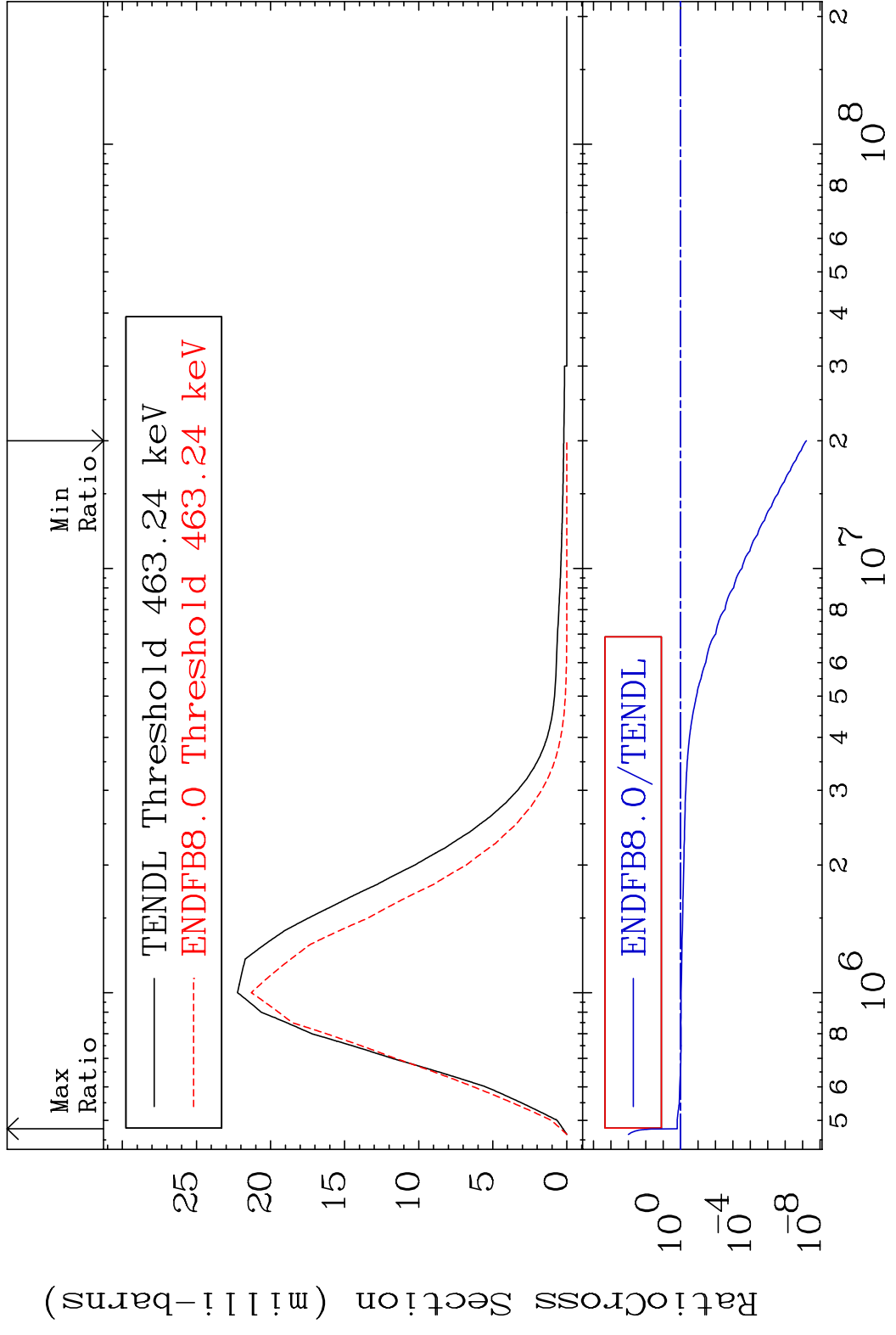
MAT 7228 MT= 62 (n,n') Level 72-Hf-175
 Cross Section -100.0 To -11.67%



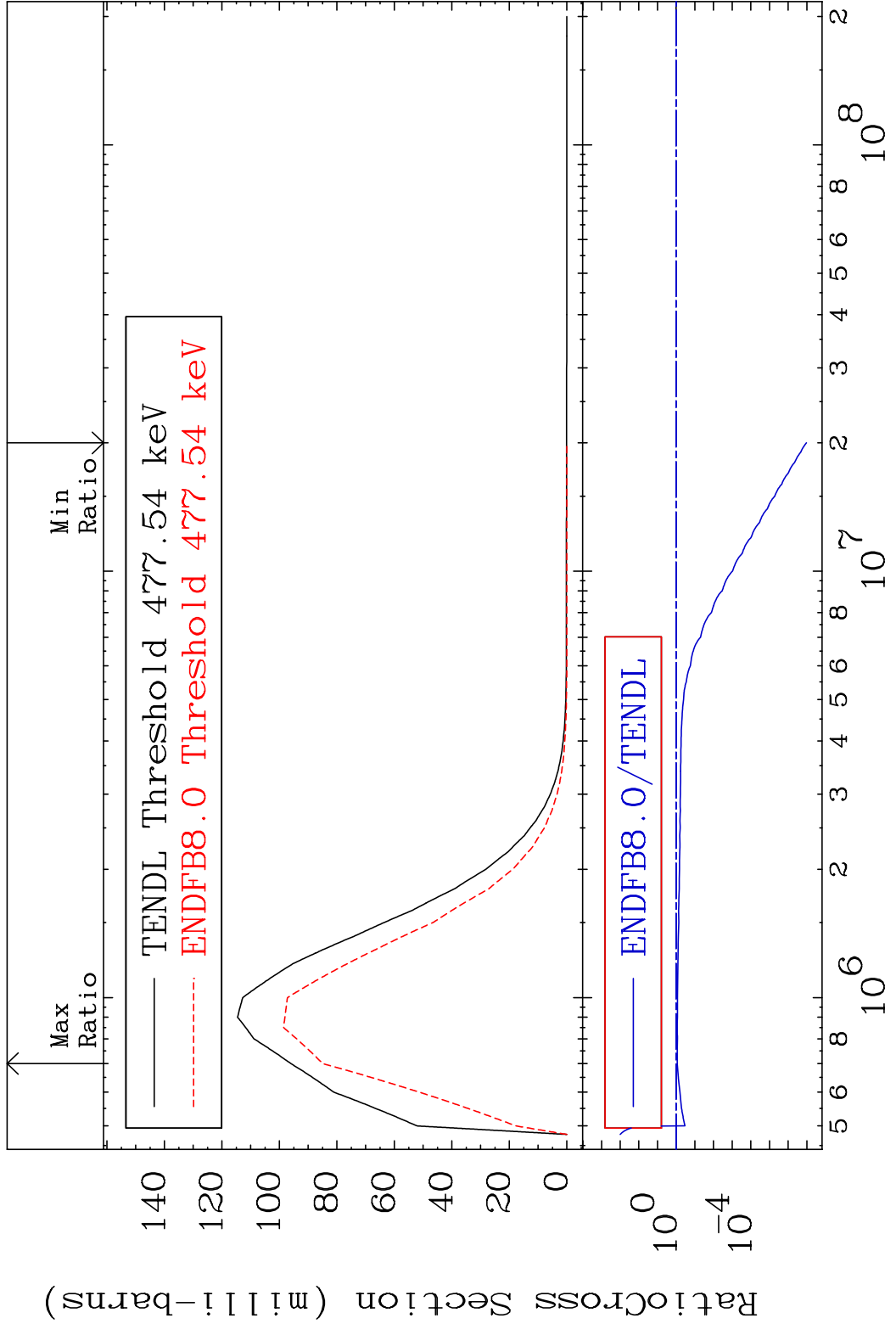
MAT 7228 MT= 63 (n, n') Level 72-Hf-175
 Cross Section -100.0 To 201.4 %



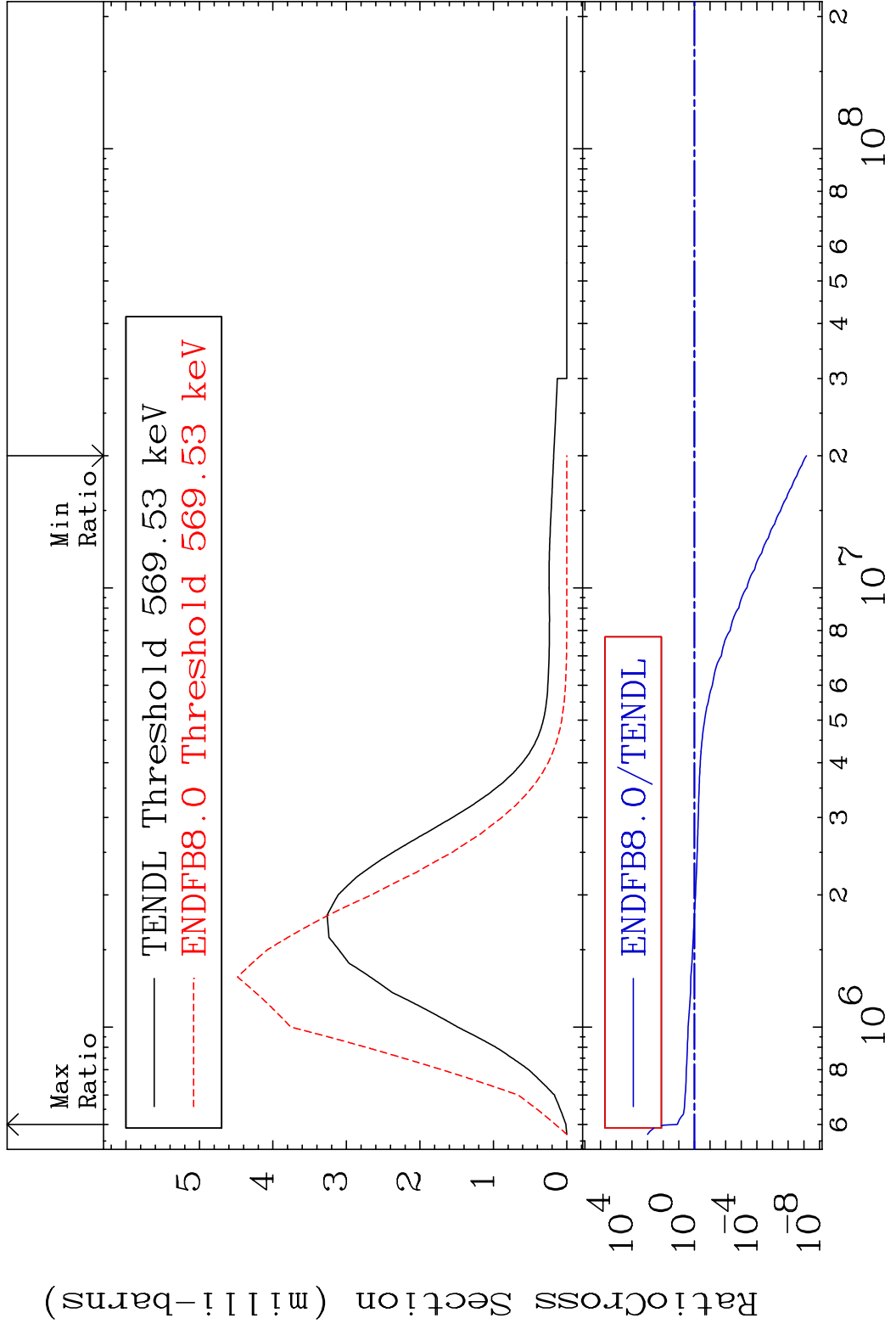
MAT 7228 MT= 64 (n, n') Level 72-Hf-175
 Cross Section -100.0 To 59.08 %



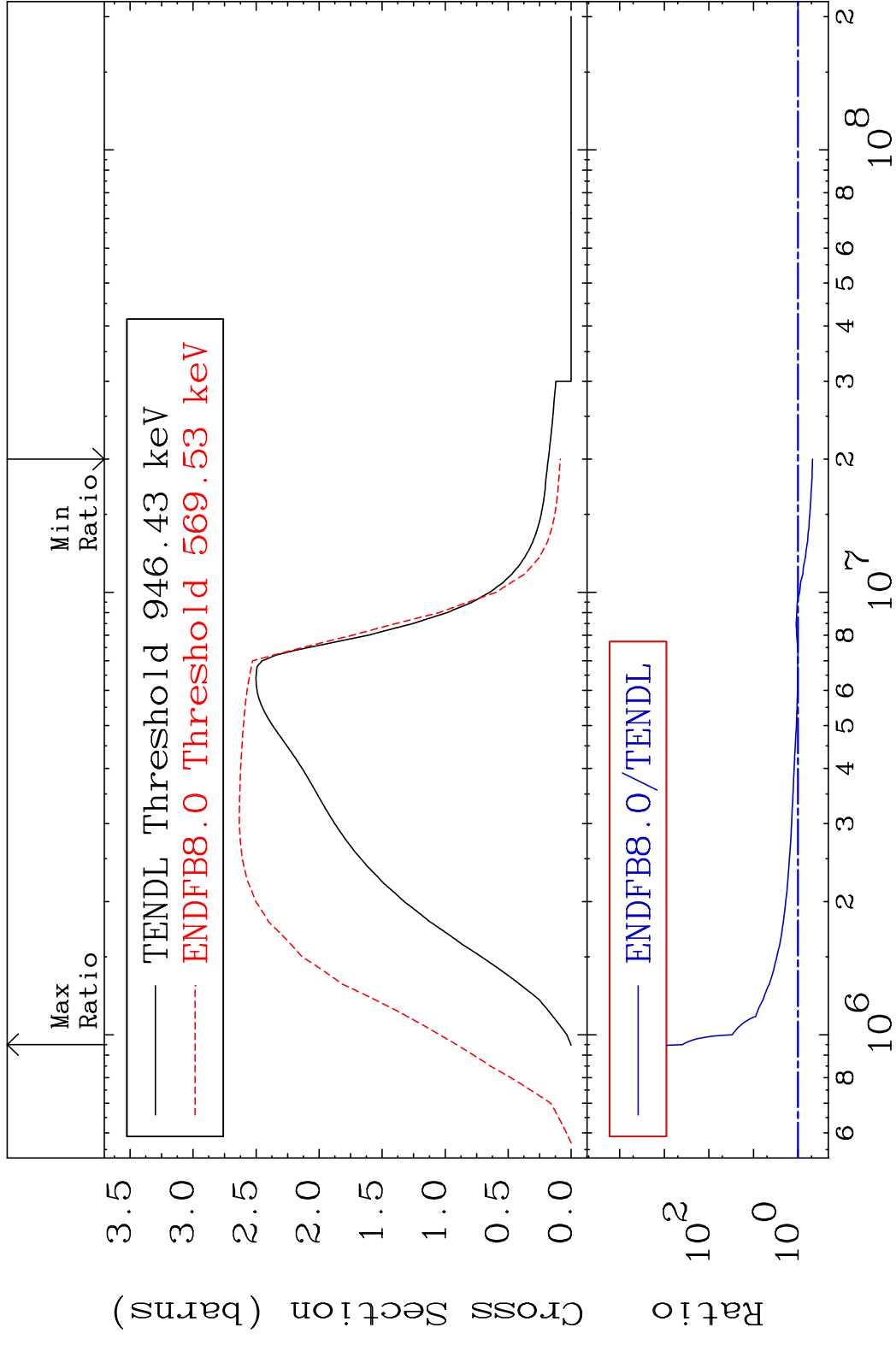
MAT 7228 MT= 65 (n,n') Level 72-Hf-175
 Cross Section -100.0 To -11.49%



MAT 7228 MT= 66 (n,n') Level 72-Hf-175
 Cross Section -100.0 To 1162. %



MAT 7228 (n, n') Continuum 72-Hf-175
 Cross Section -52.58 To 9999. %

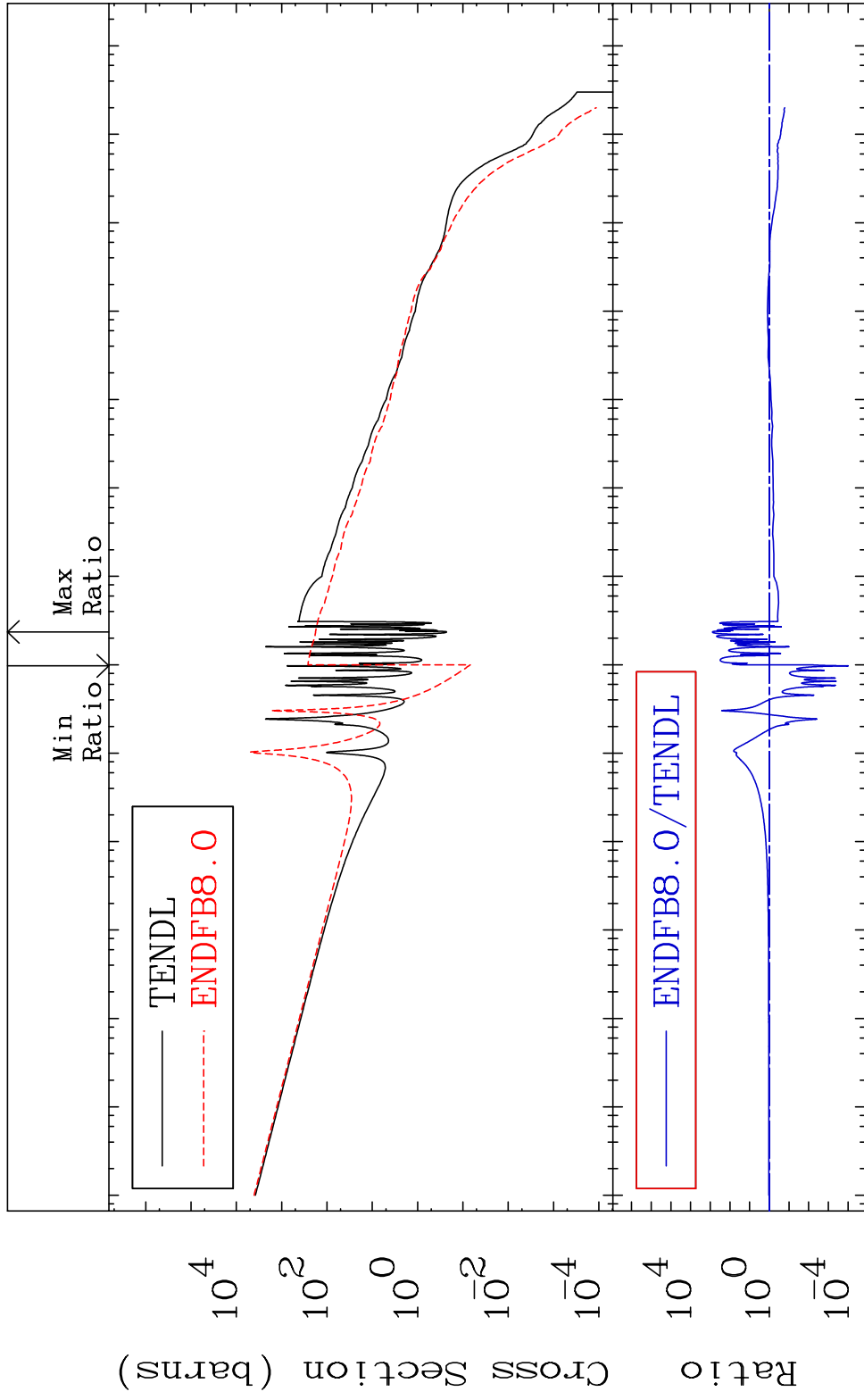


MAT 7228

(n, γ)

72-Hf-175

Cross Section -99.99 To 9999. %

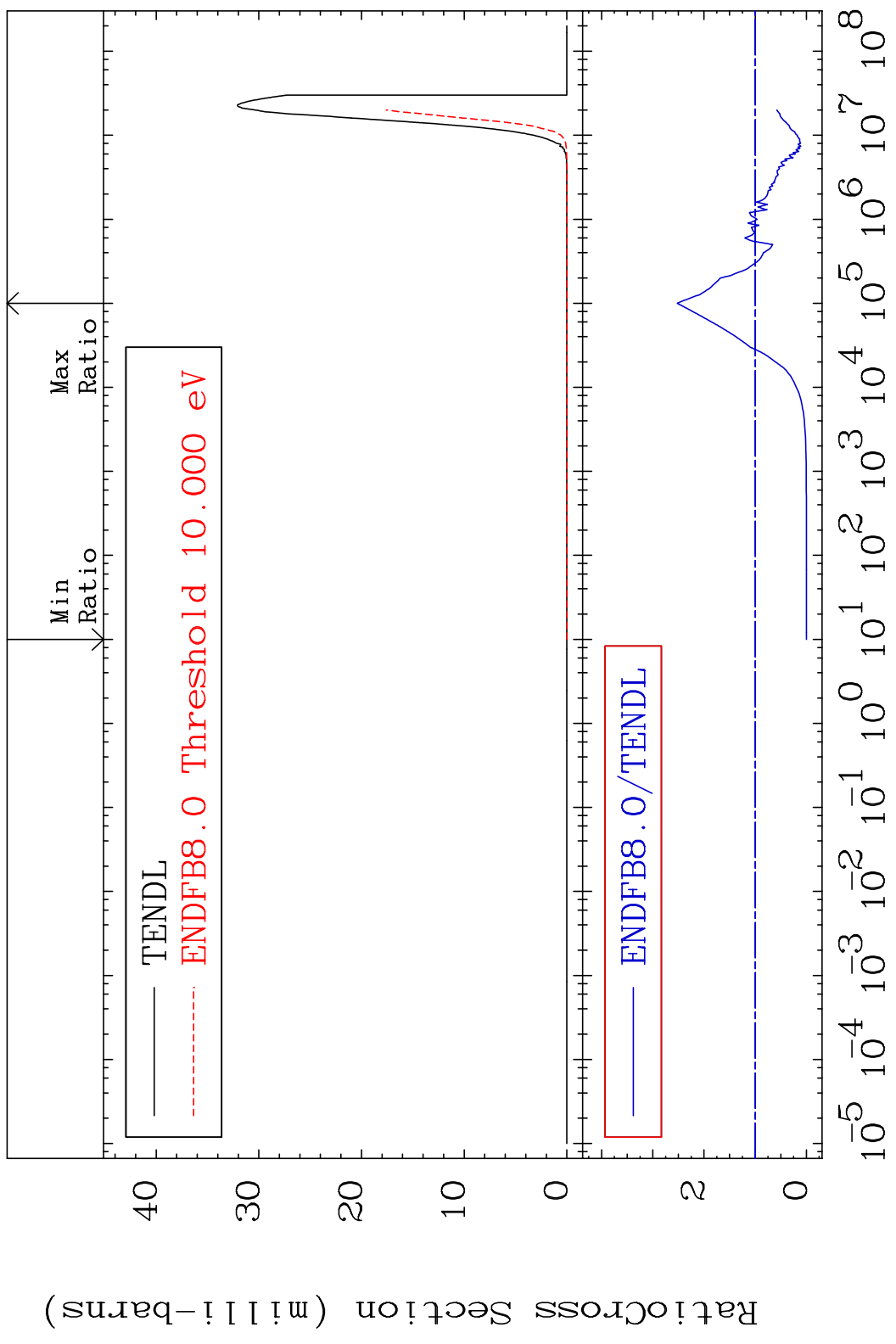


MAT 7228

(n, p)

72-Hf-175

Cross Section -100.0 To 152.4 %



23

Incident Energy (eV)

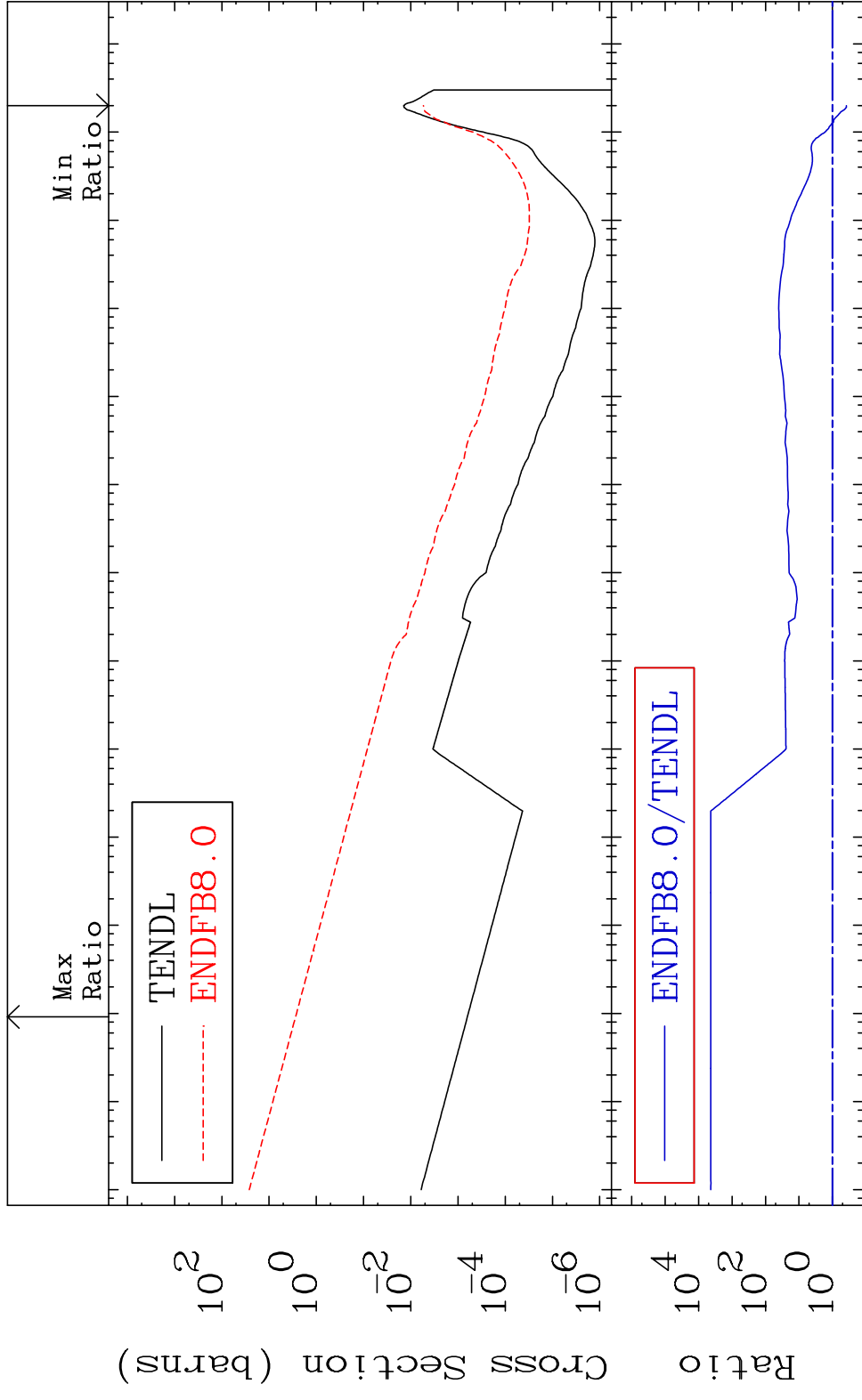
72-Hf-175

MAT 7228

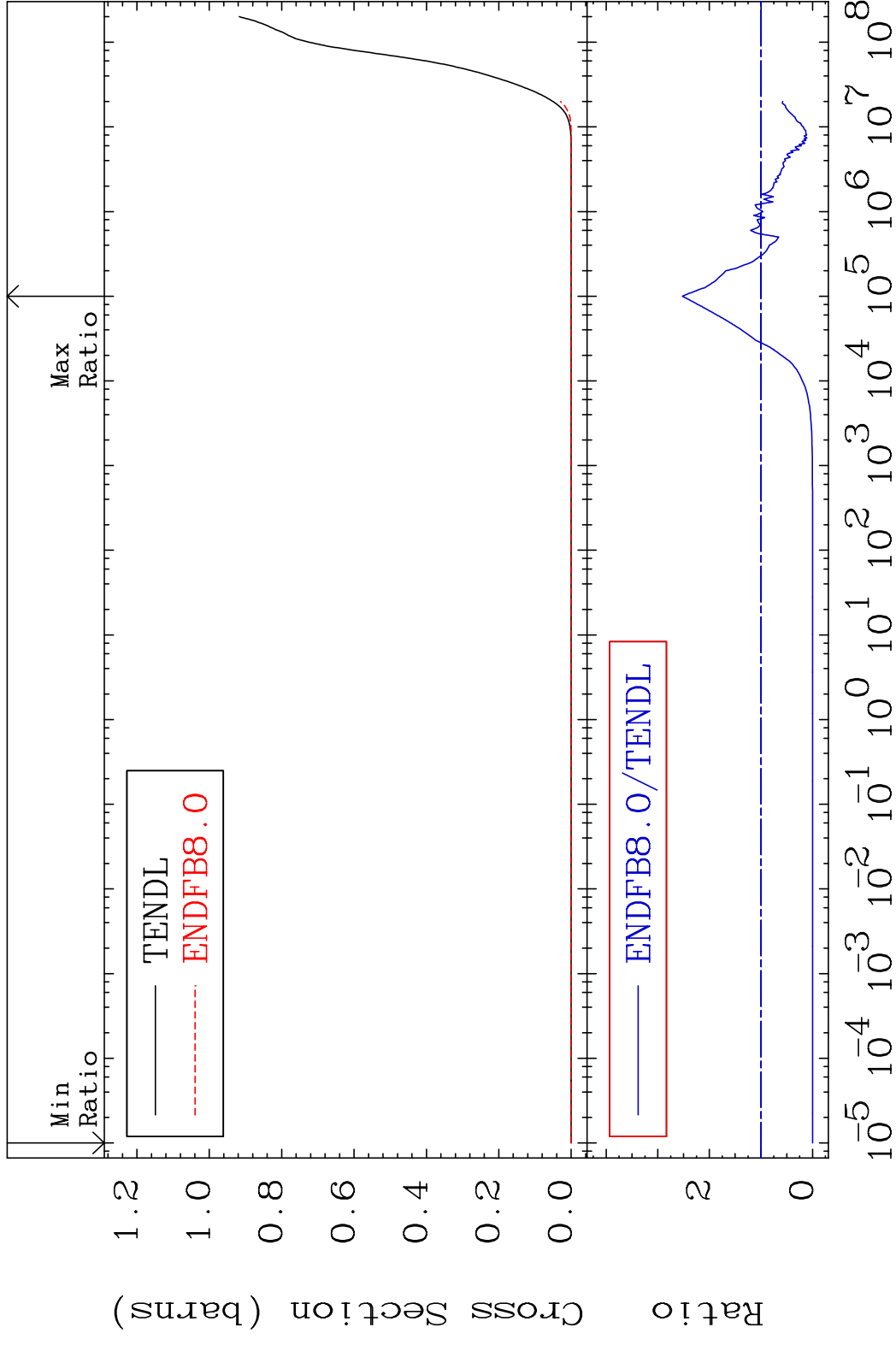
(n, α)

72-Hf-175

Cross Section -61.66 To 9999. %



MAT 7228 Hydrogen Production 72-Hf-175
 Cross Section -100.0 To 152.4 %

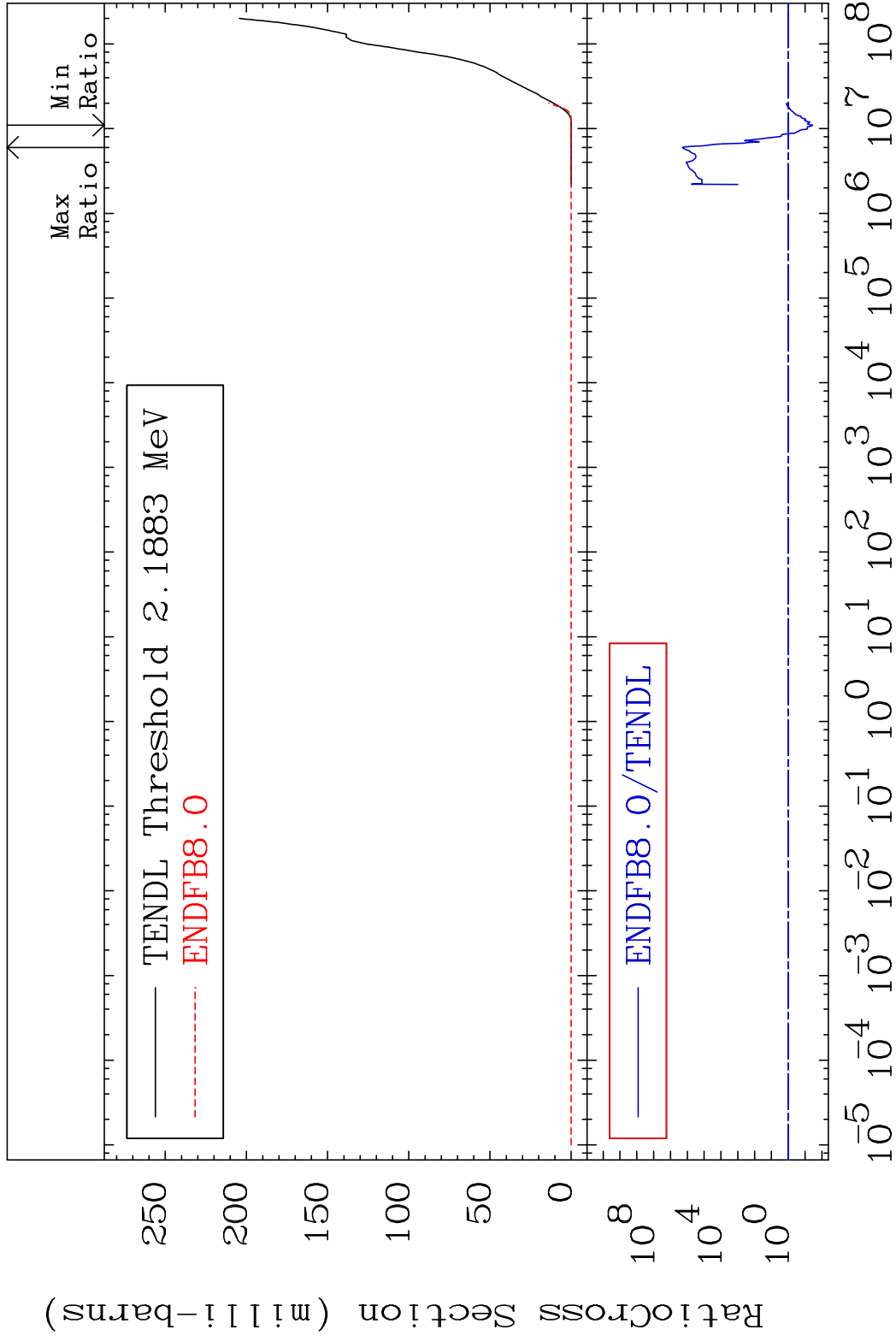


MAT 7228

Deuterium Production

72-Hf-175

Cross Section -96.40 To 9999. %



26

Incident Energy (eV)

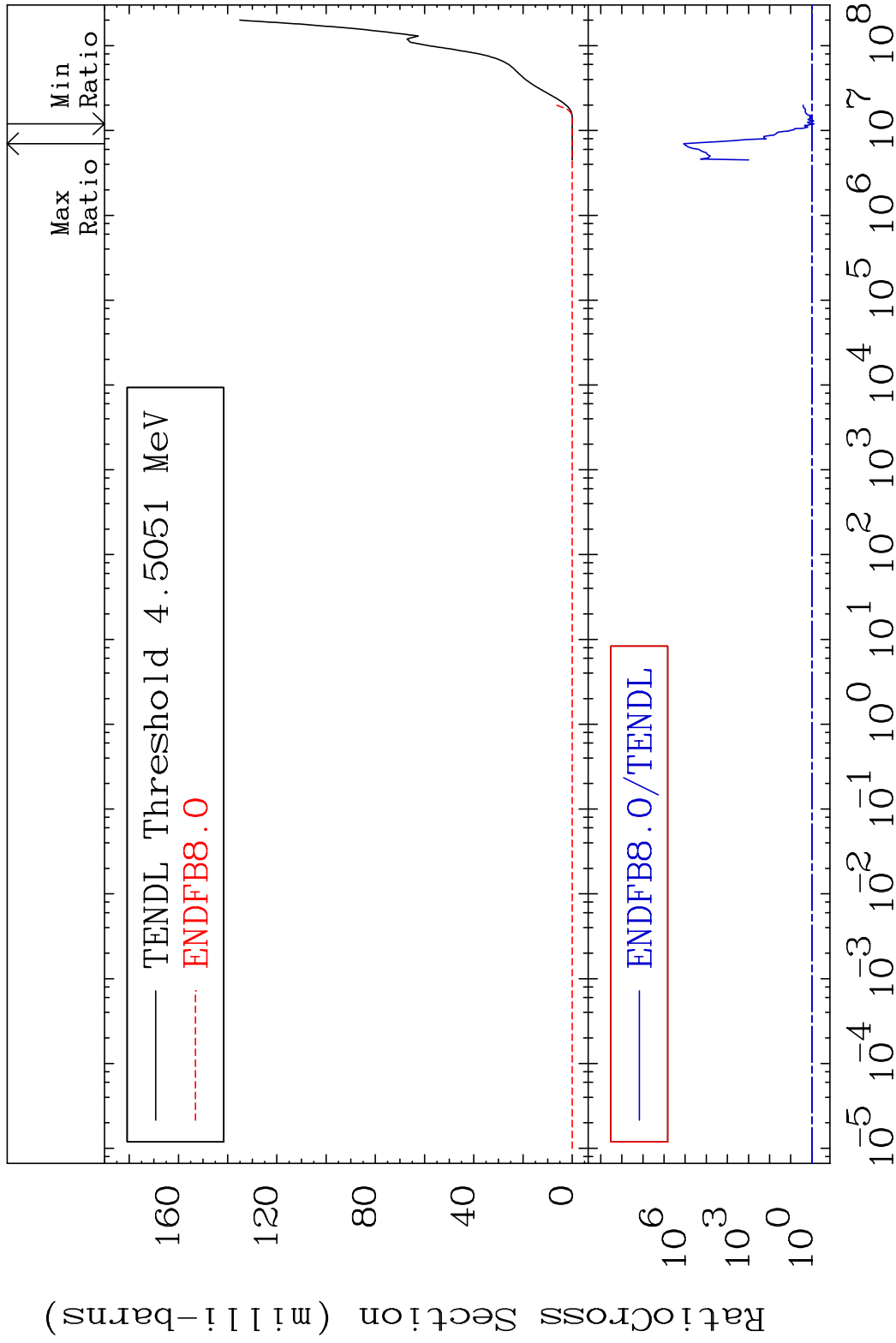
72-Hf-175

MAT 7228

Tritium Production

72-Hf-175

Cross Section -22.21 To 9999. %



27

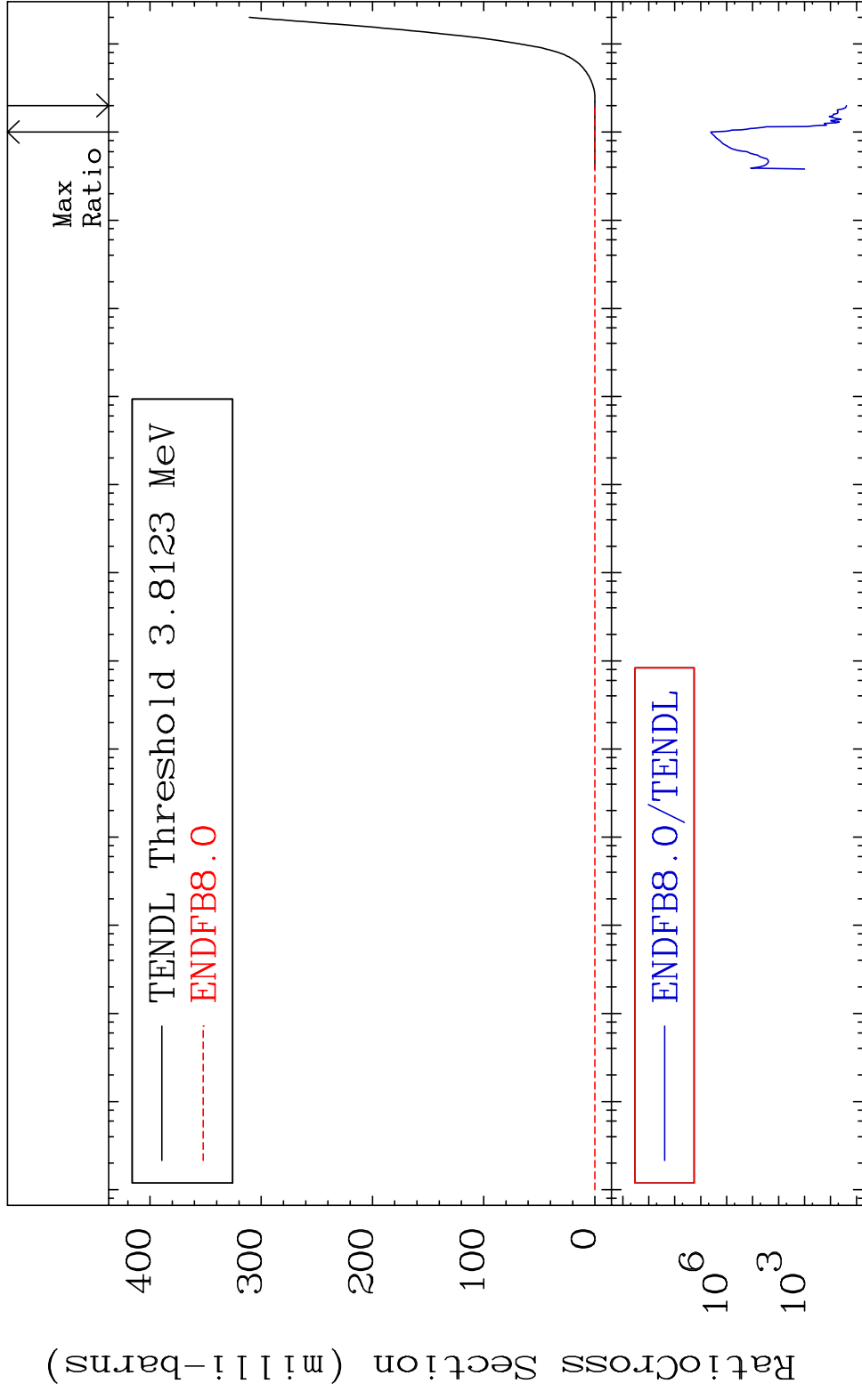
Incident Energy (eV)

72-Hf-175

MAT 7228

He-3 Production
Cross Section 2373. To 9999. %

72-Hf-175

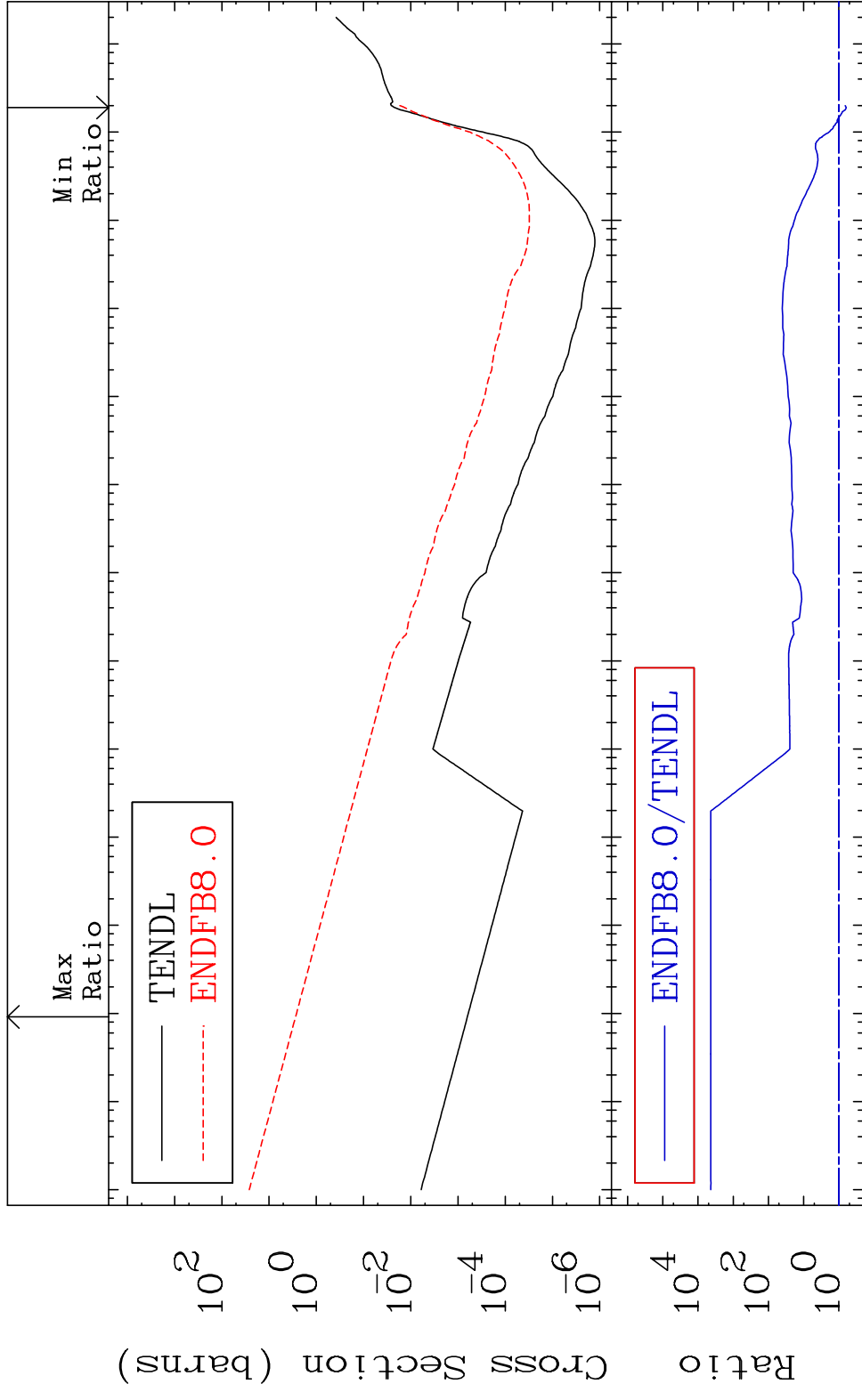


MAT 7228

He-4 Production

72-Hf-175

Cross Section -38.66 To 9999. %

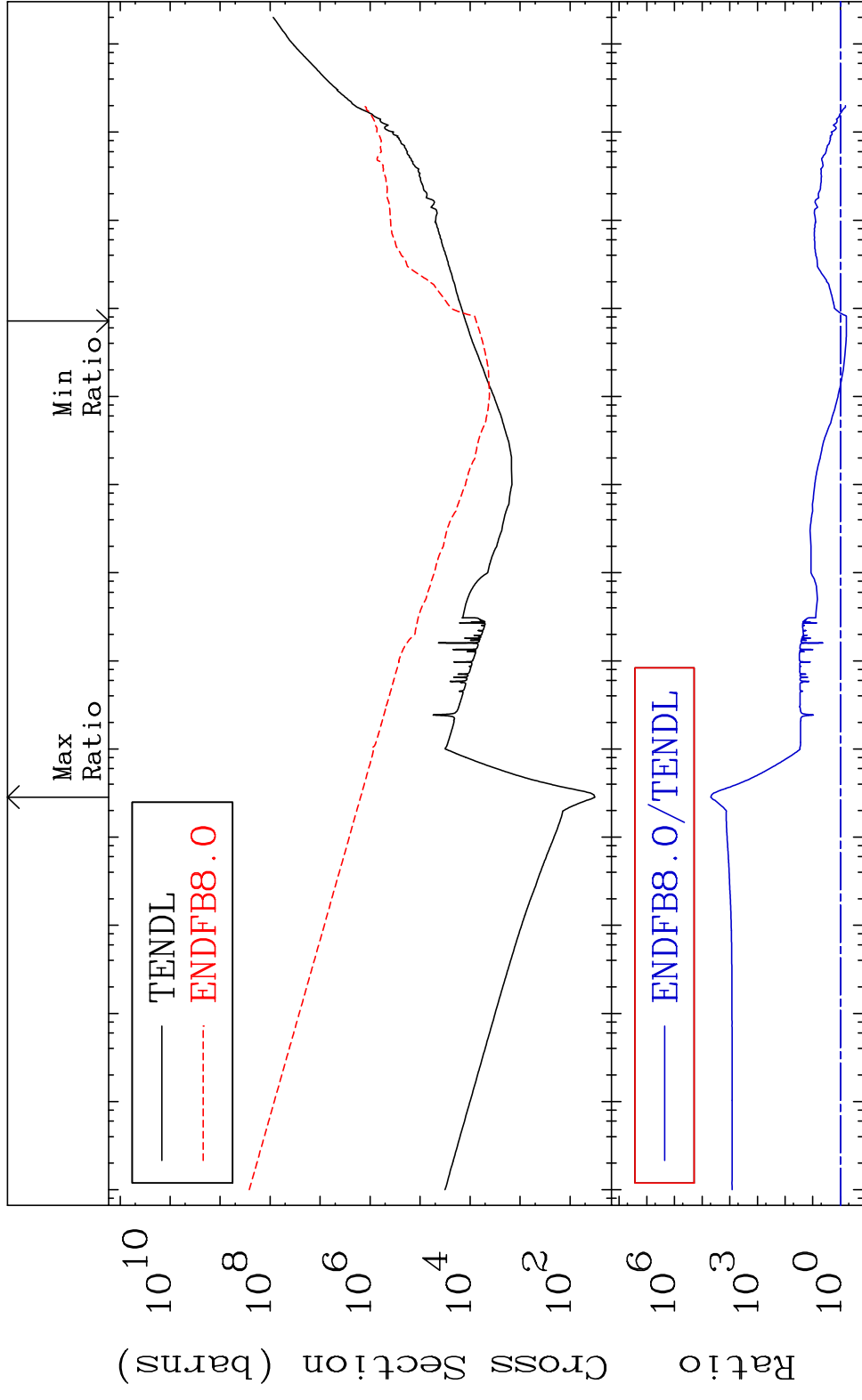


29

Incident Energy (eV)

72-Hf-175

MAT 7228 Kerma total (eV-barns) 72-Hf-175
 Cross Section -38.78 To 9999. %



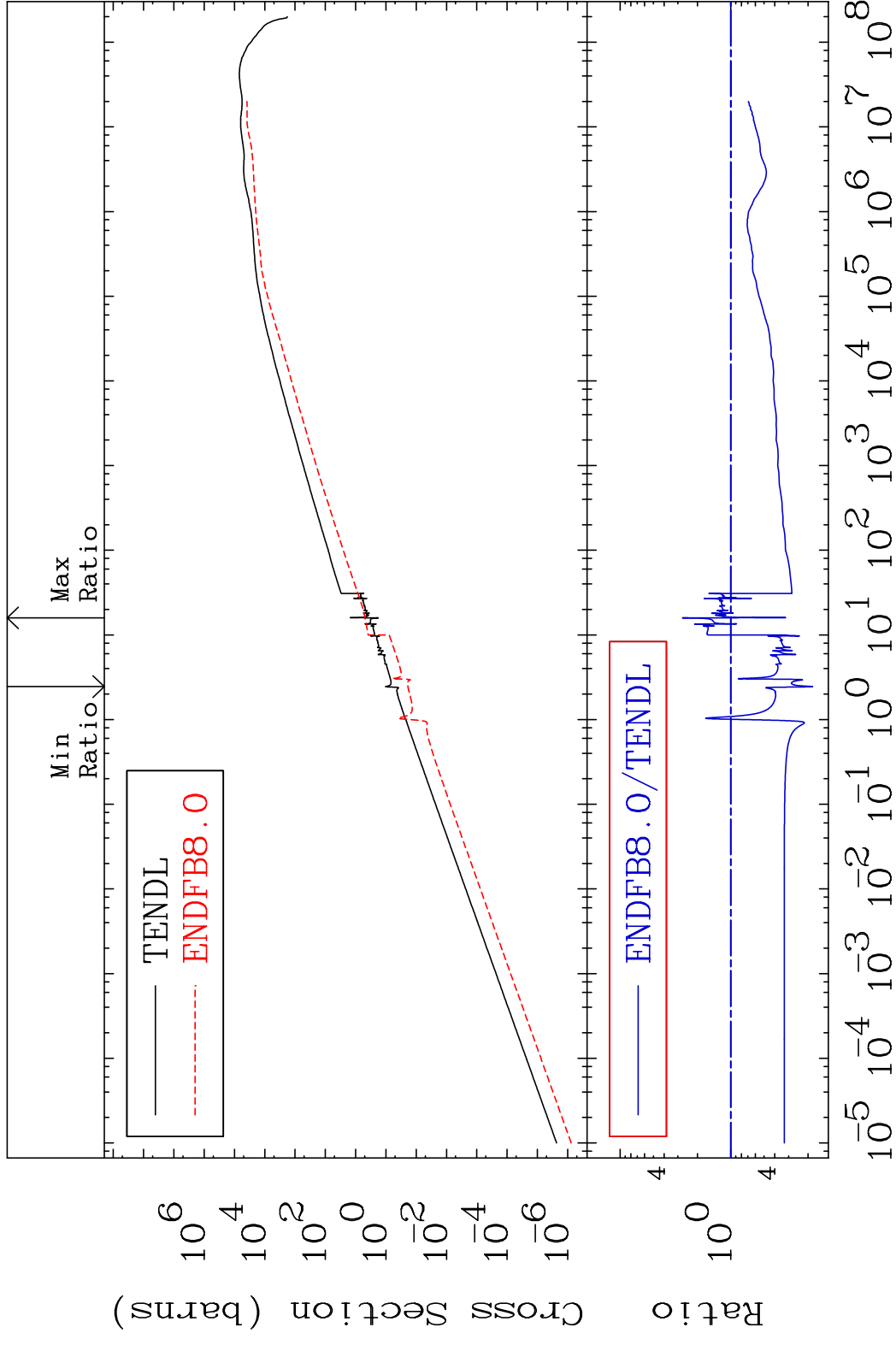
30 Incident Energy (eV) 72-Hf-175

MAT 7228

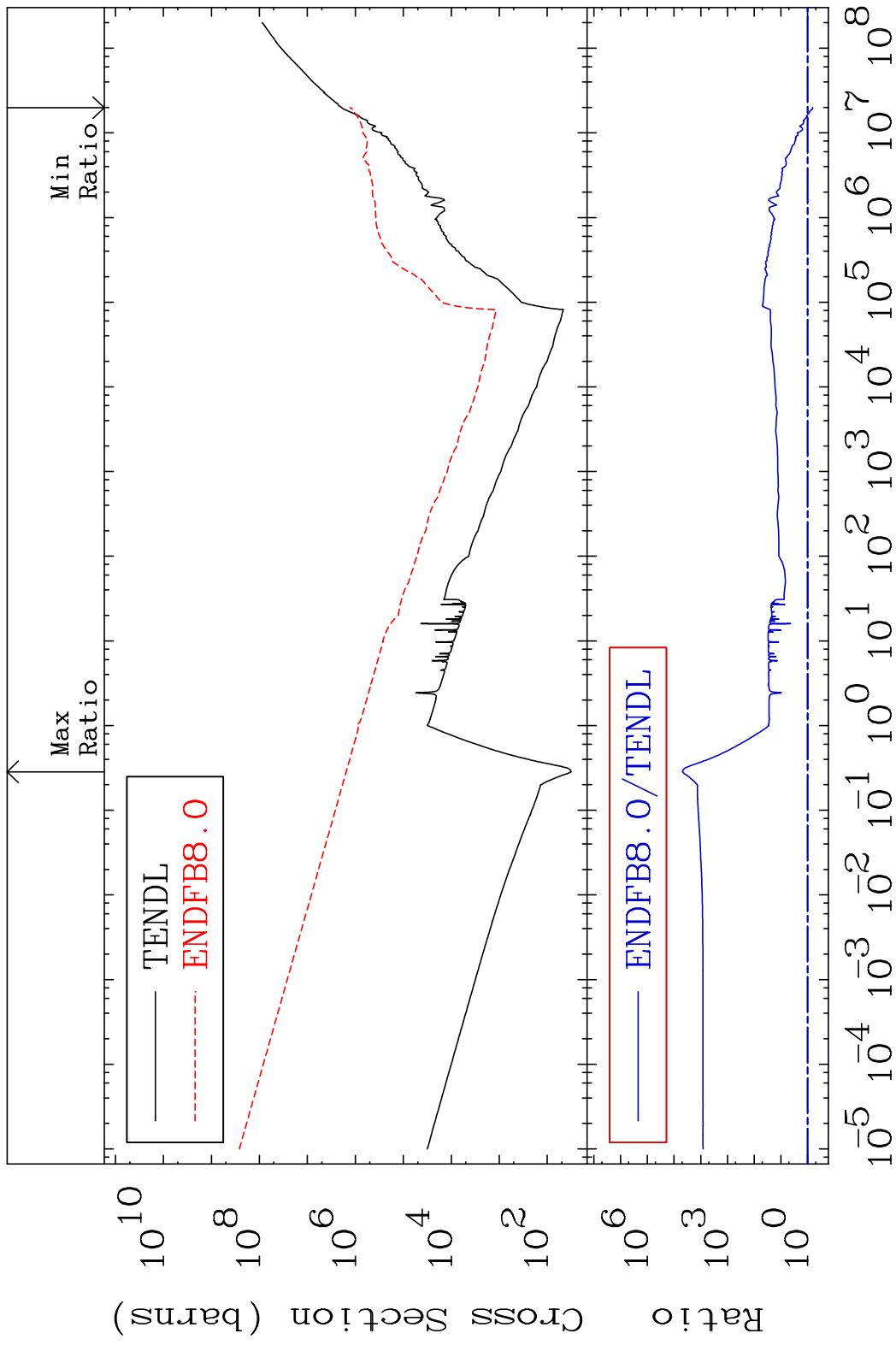
Kerma elastic Cross Section

72-Hf-175

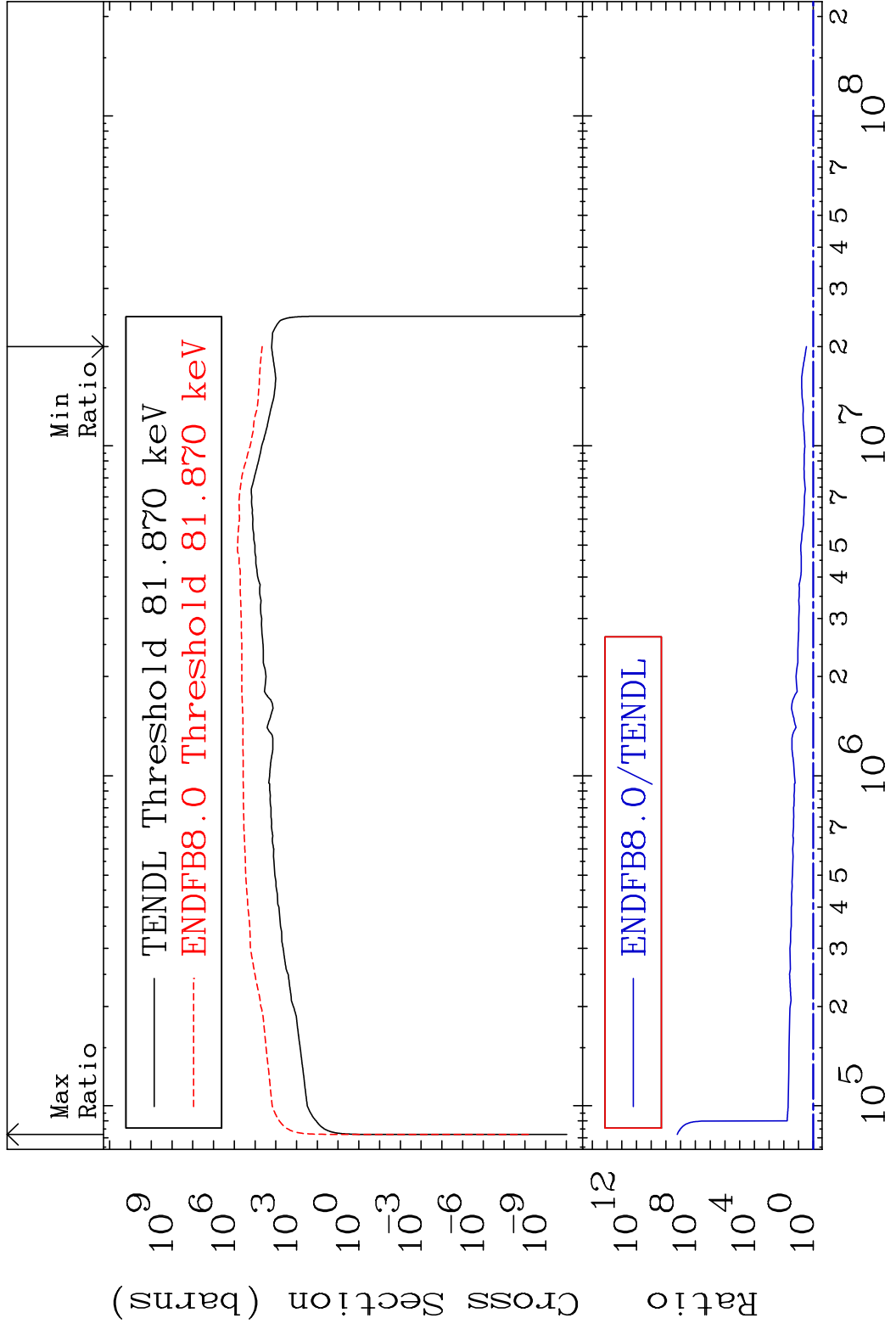
-81.75 To 173.7 %



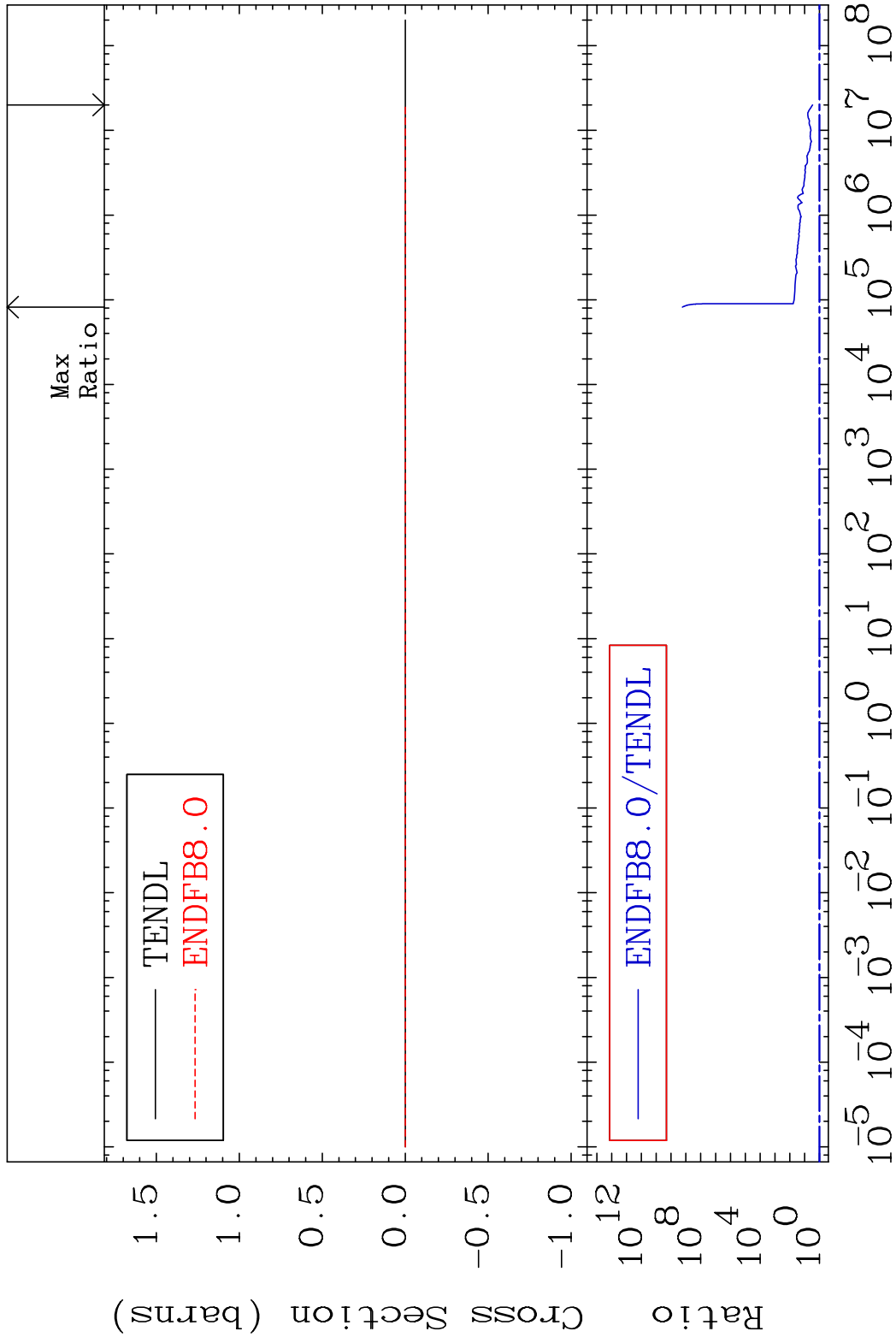
MAT 7228 Kerma non-elastic (all but mt2) 72-Hf-175
 Cross Section -34.41 To 9999. %



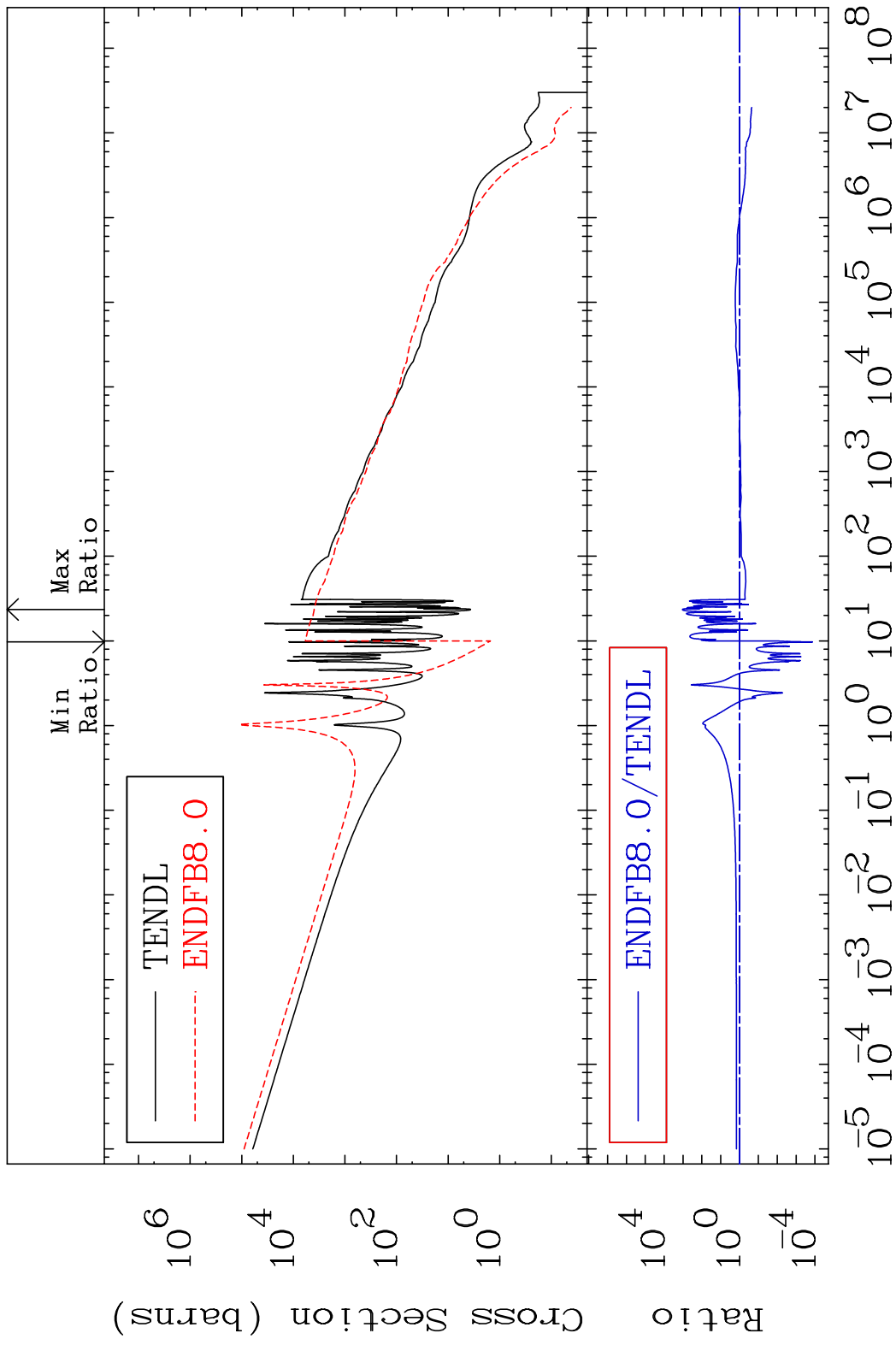
MAT 7228 Kerma inelastic (mt51-91) 72-Hf-175
 Cross Section 187.6 To 9999. %



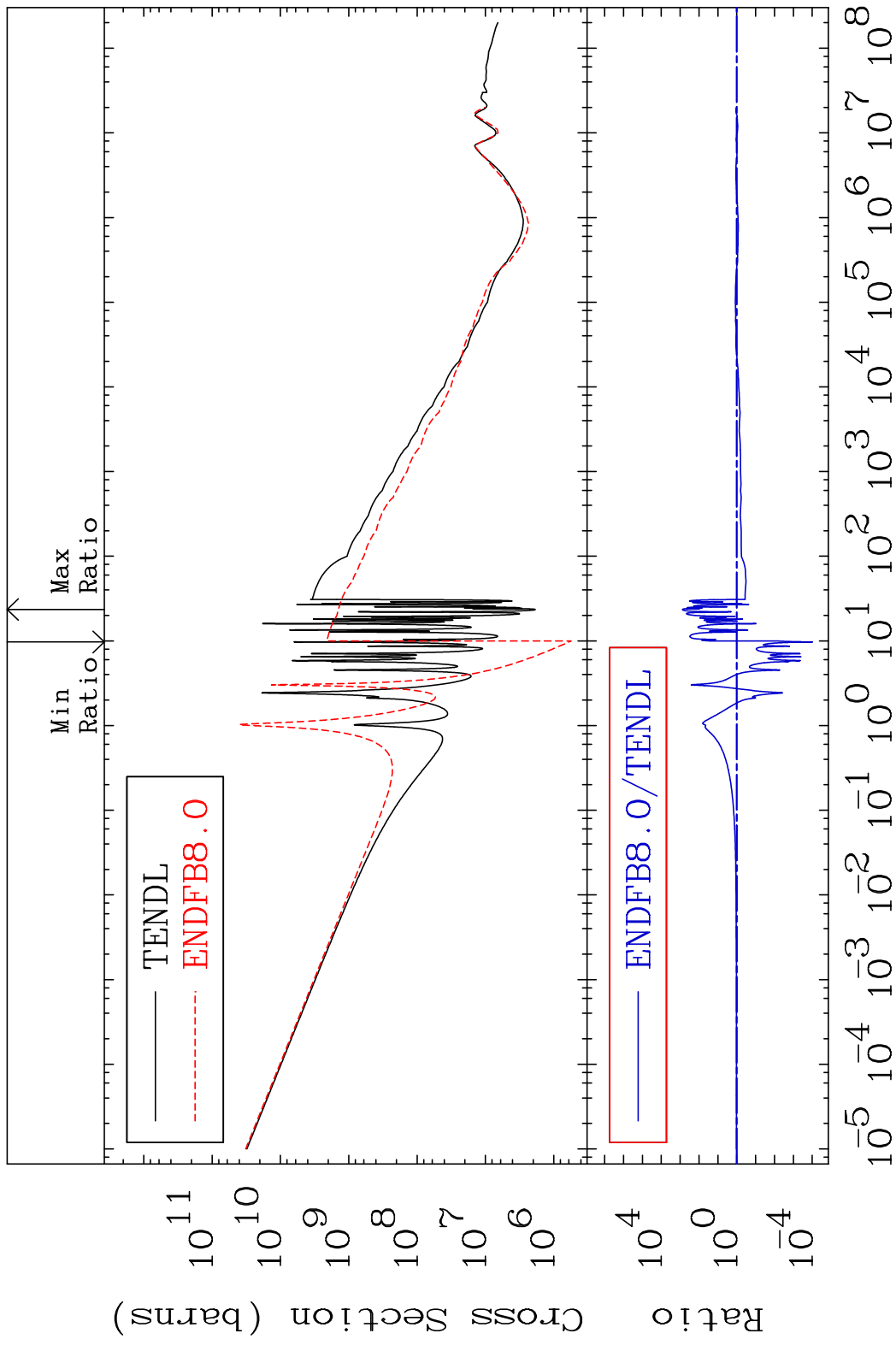
MAT 7228 Kerma fission (mt18 or mt19-20-21-38) 72-Hf-175
 Cross Section 187.6 To 9999. %



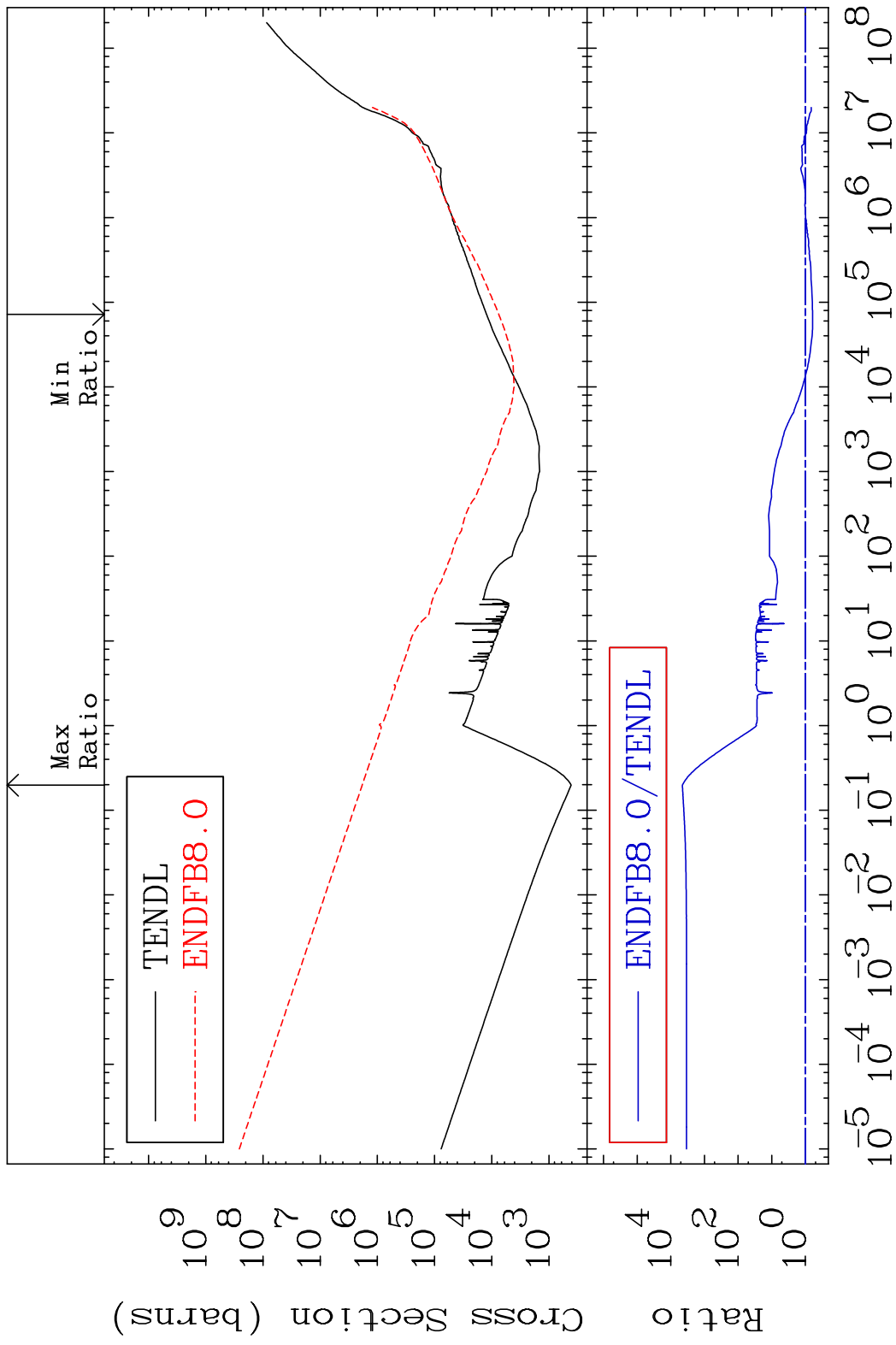
MAT 7228 Kerma capture (mt102) 72-Hf-175
 Cross Section -99.99 To 9999. %



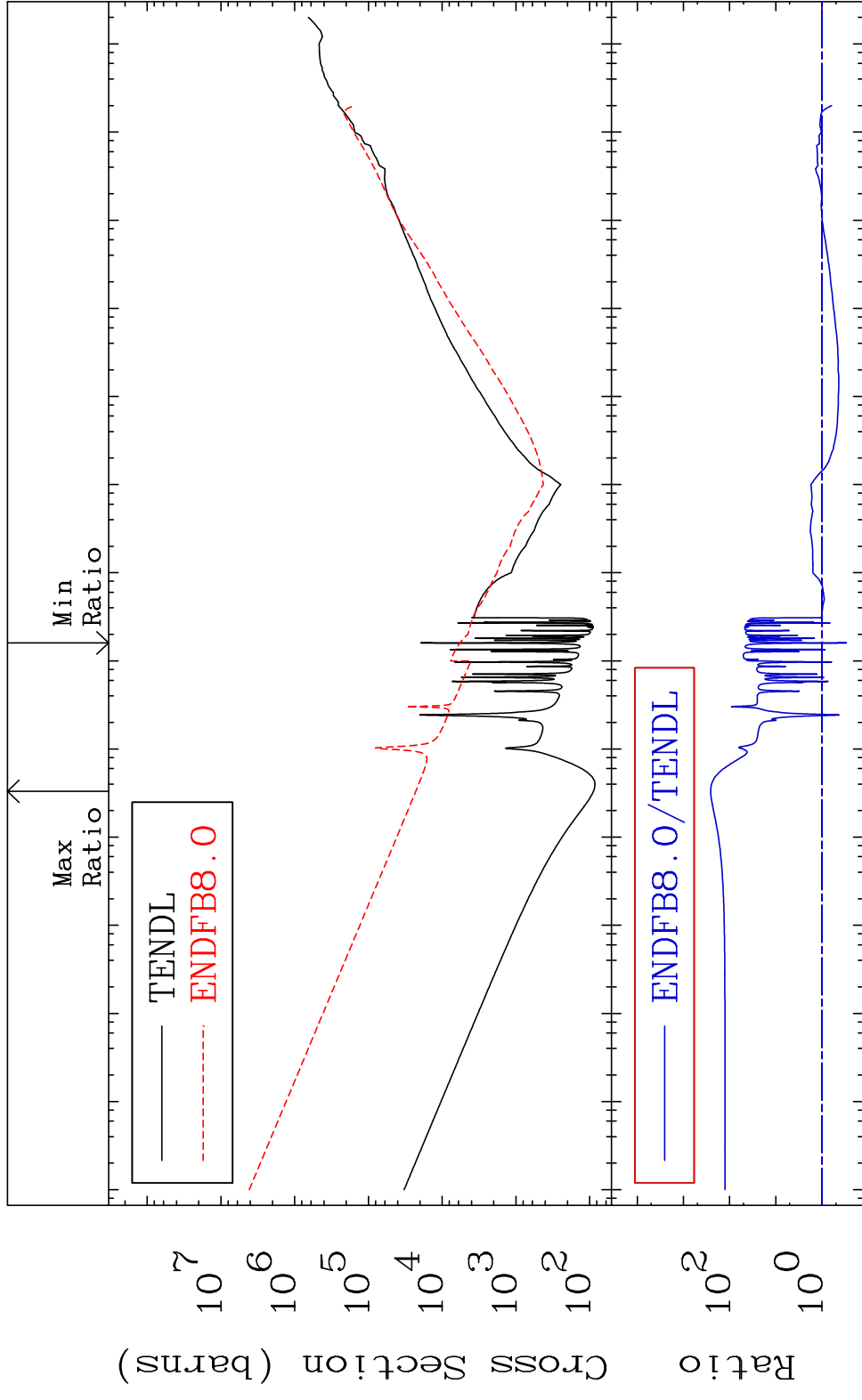
MAT 7228 Total photon (eV-barns) 72-Hf-175
 Cross Section -99.99 To 9999. %



MAT 7228 Total kinematic kerma (high limit) 72-Hf-175
 Cross Section -38.87 To 9999. %



MAT 7228 Dpa total (eV-barns) 72-Hf-175
 Cross Section -70.36 To 9999. %



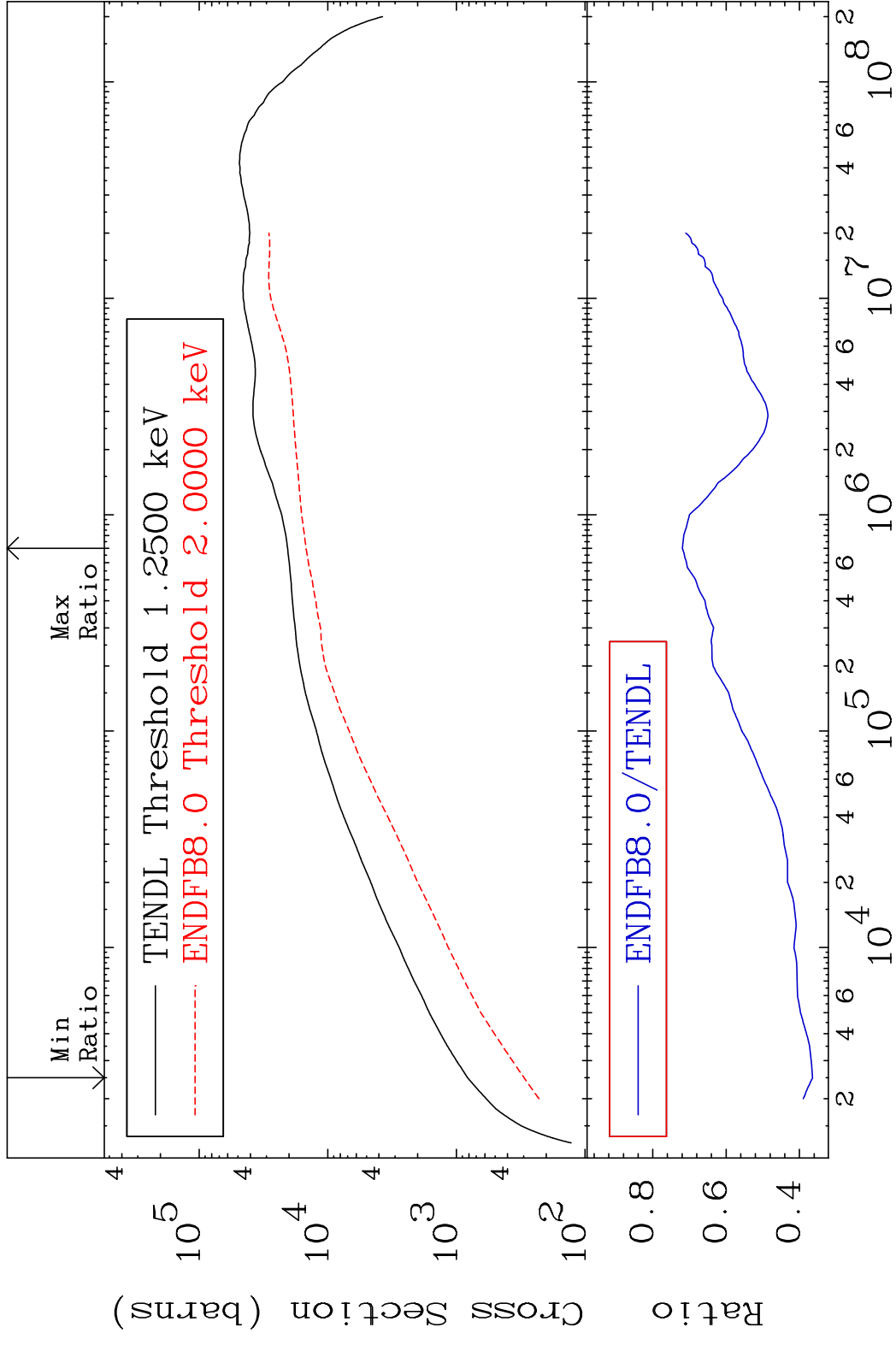
MAT 7228

Dpa elastic (mt2)

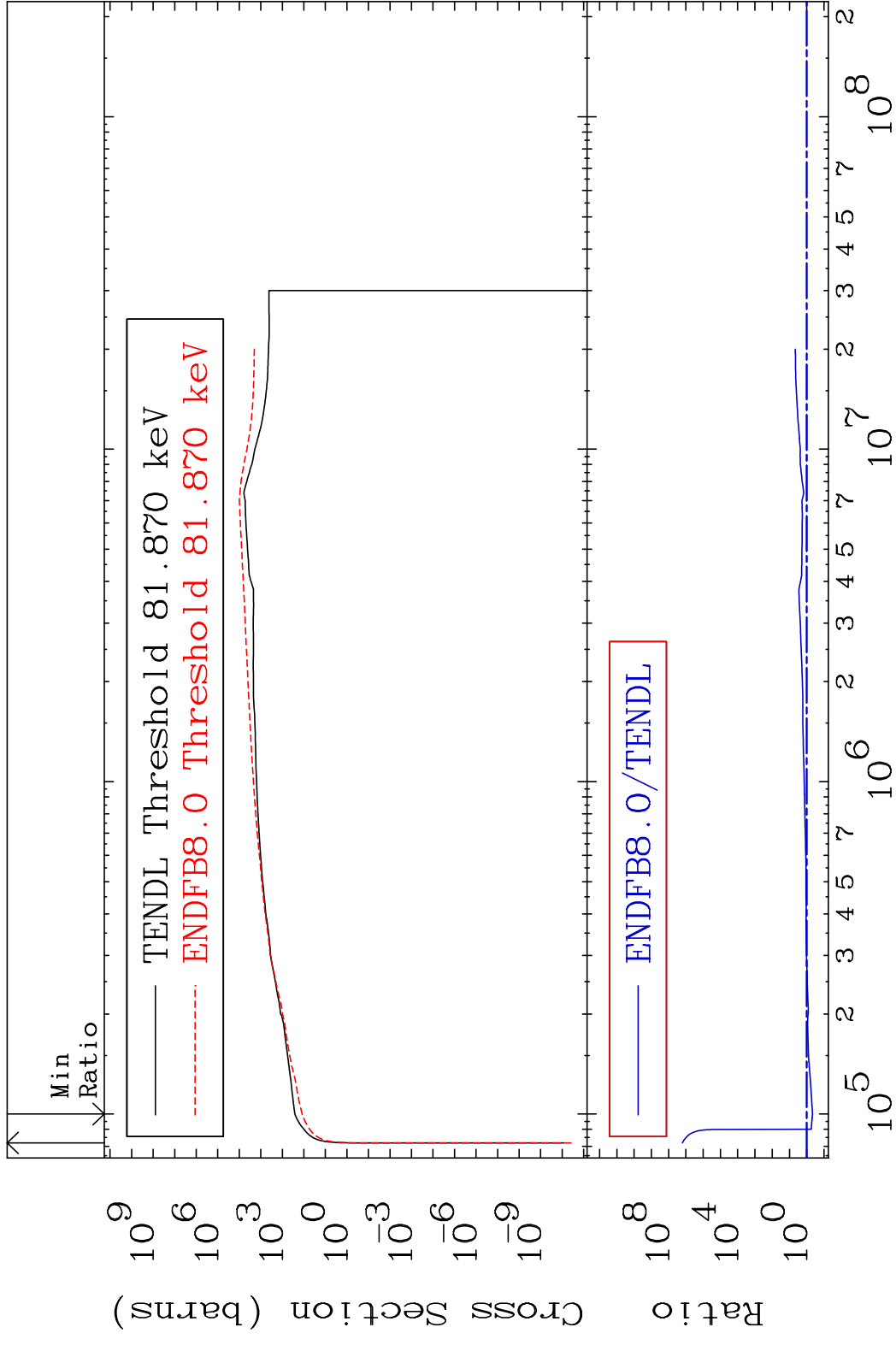
72-Hf-175

Cross Section

-63.58 To -28.07%



MAT 7228 Dpa inelastic (mt51-91) 72-Hf-175
 Cross Section -54.04 To 9999. %



40 Incident Energy (eV) 72-Hf-175

MAT 7228 Dpa disappearance (mt102 -120) 72-Hf-175
 Cross Section -70.36 To 9999. %

