

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

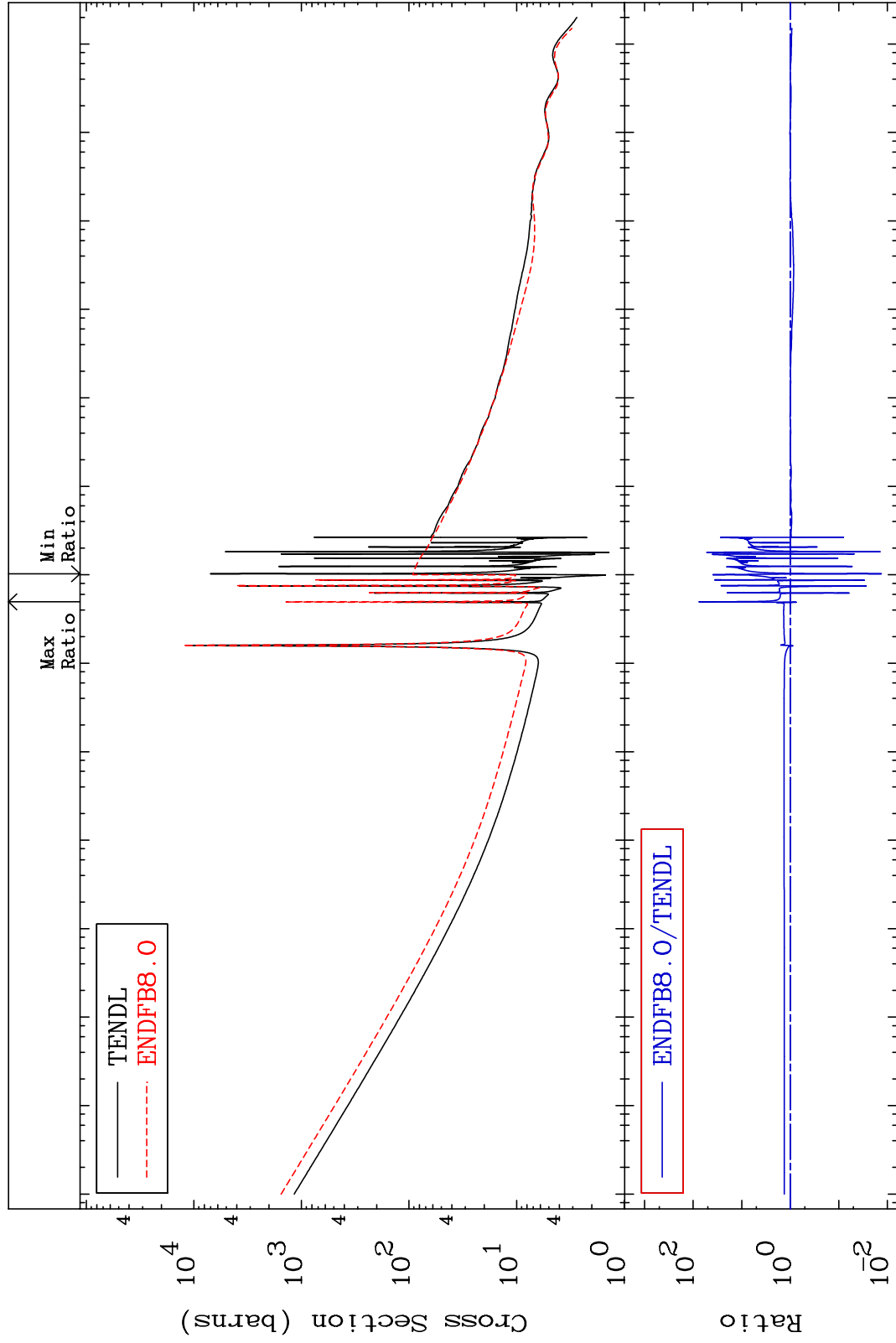
MAT 7425

Total

74-W -180

-98.69 To 7573. %

Cross Section



1

Incident Energy (eV)

74-W -180

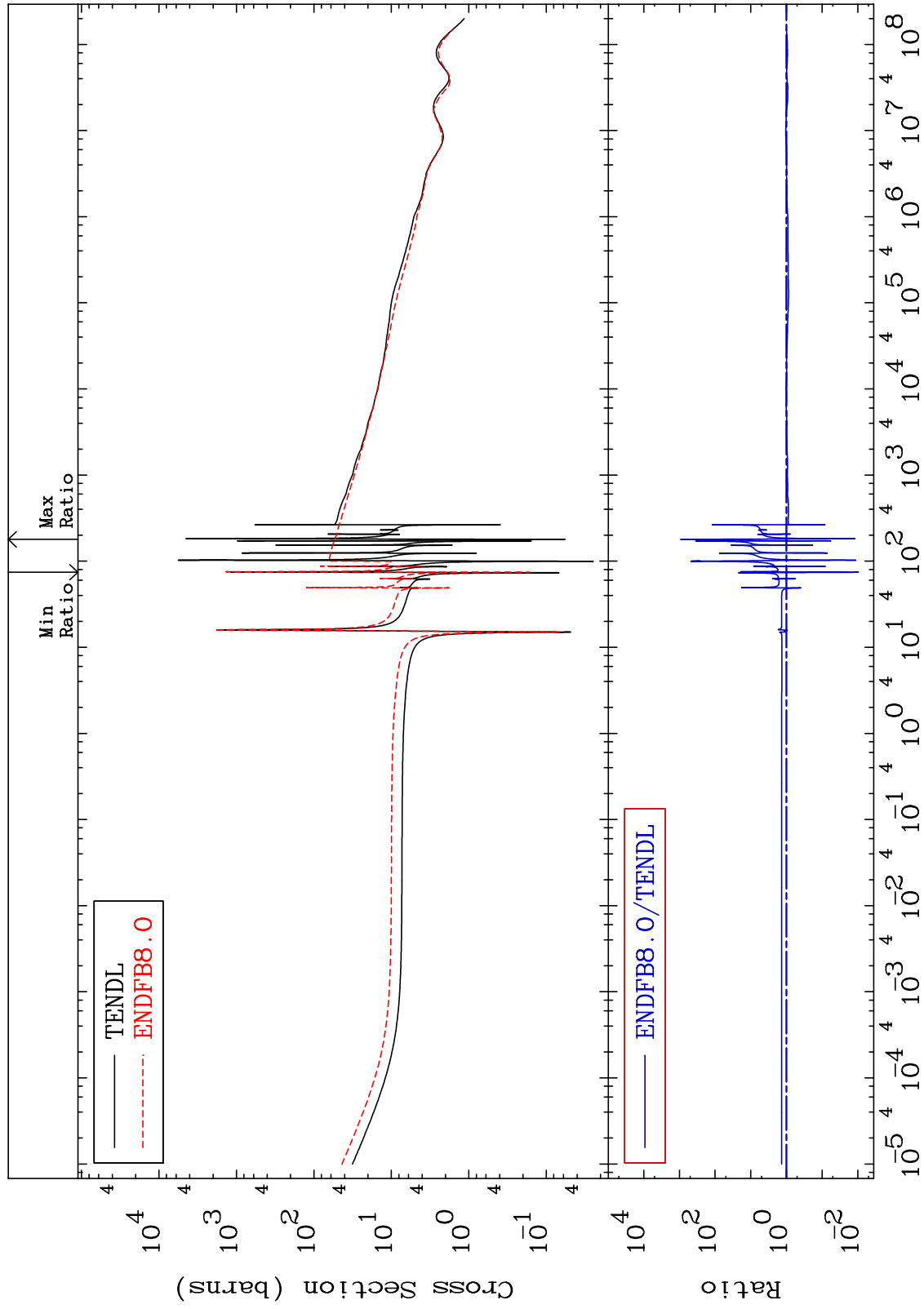
MAT 7425

Elastic

74-W -180

Cross Section

-99.05 To 9999. %



2

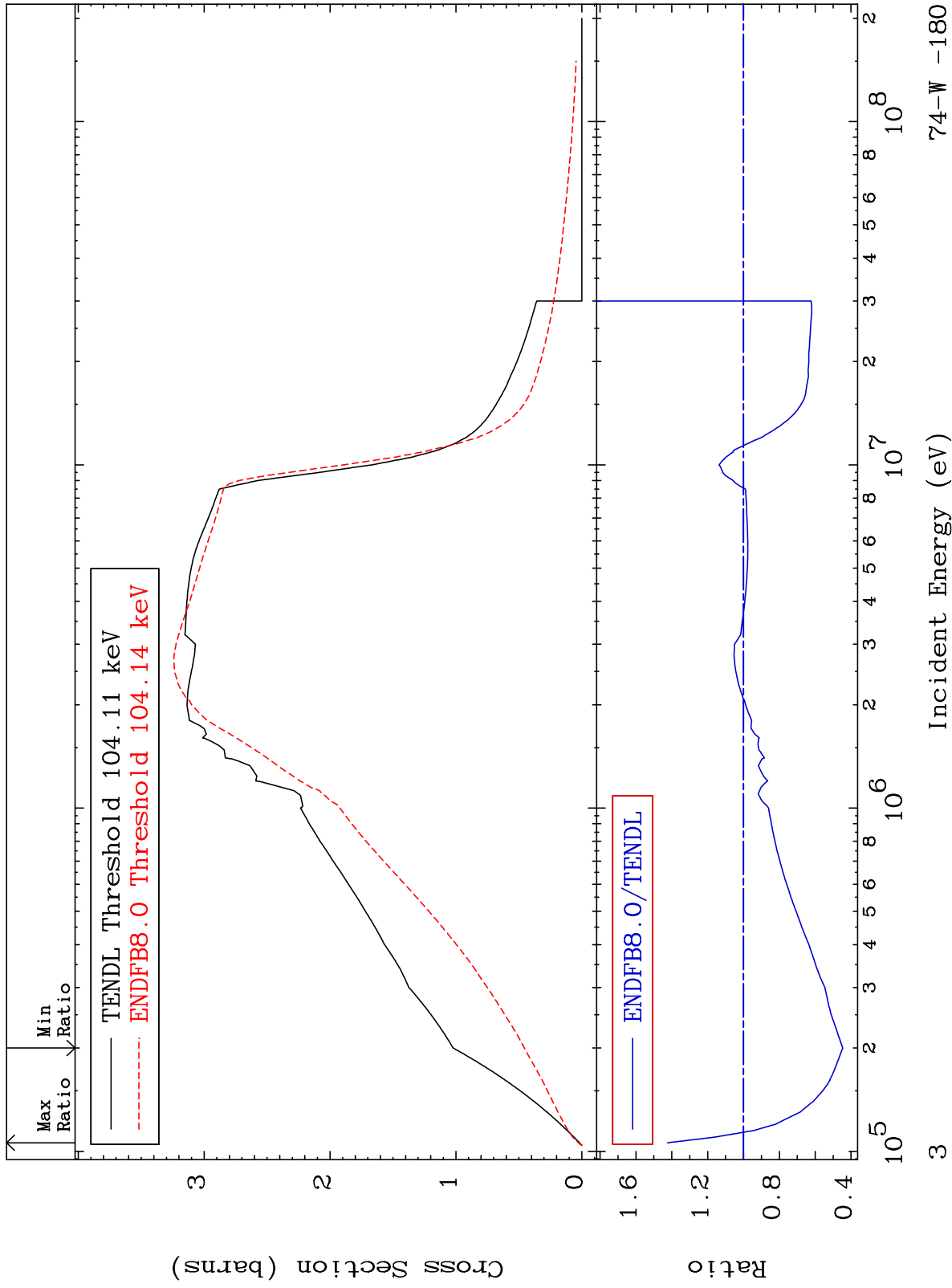
Incident Energy (eV)

74-W -180

MAT 7425

Inelastic
Cross Section

74-W -180
-55.31 To 42.37 %



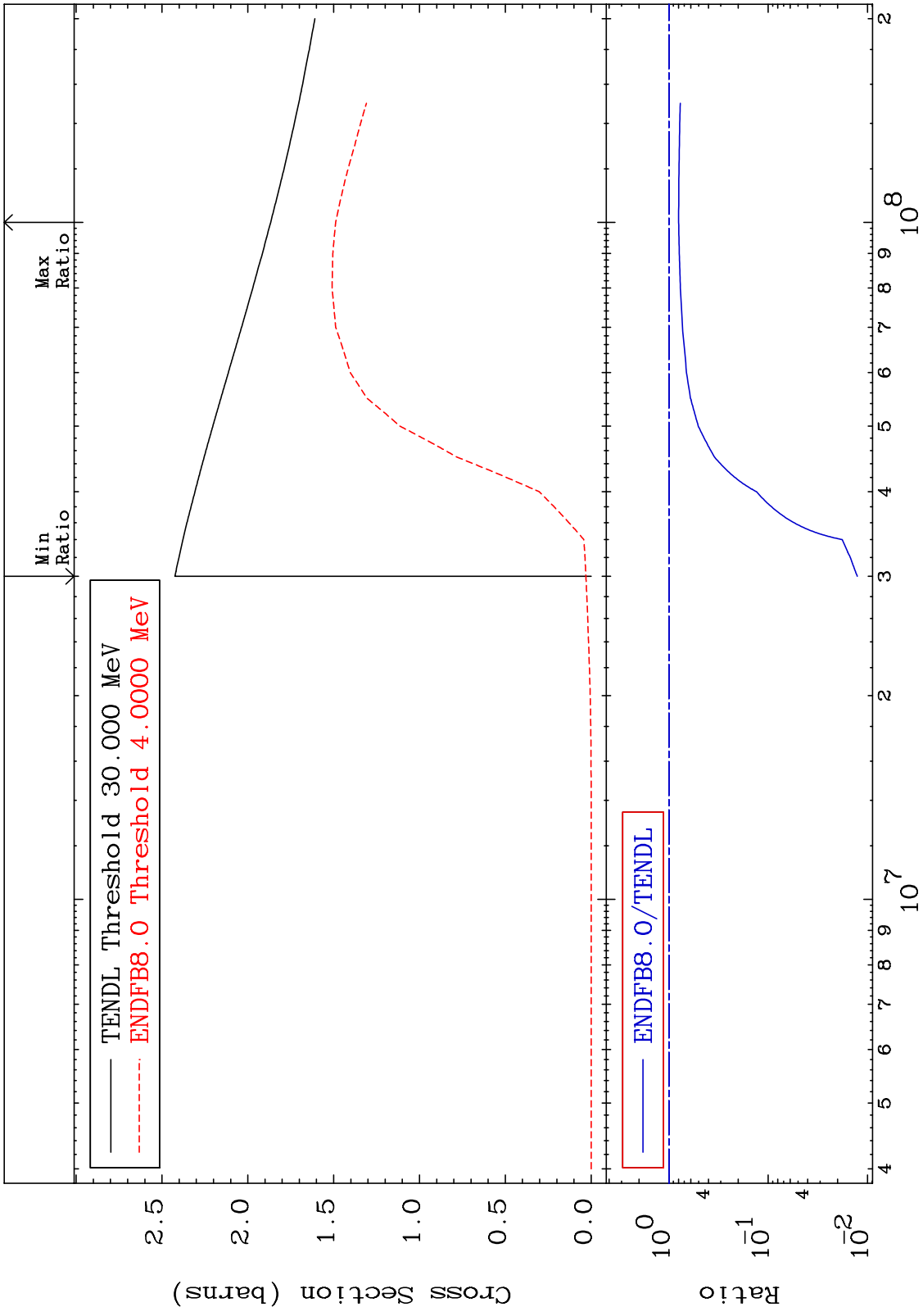
Incident Energy (eV)

74-W -180

MAT 7425

(n, remainder)
Cross Section

74-W -180
-98.73 To -20.26%



4

Incident Energy (eV)

74-W -180

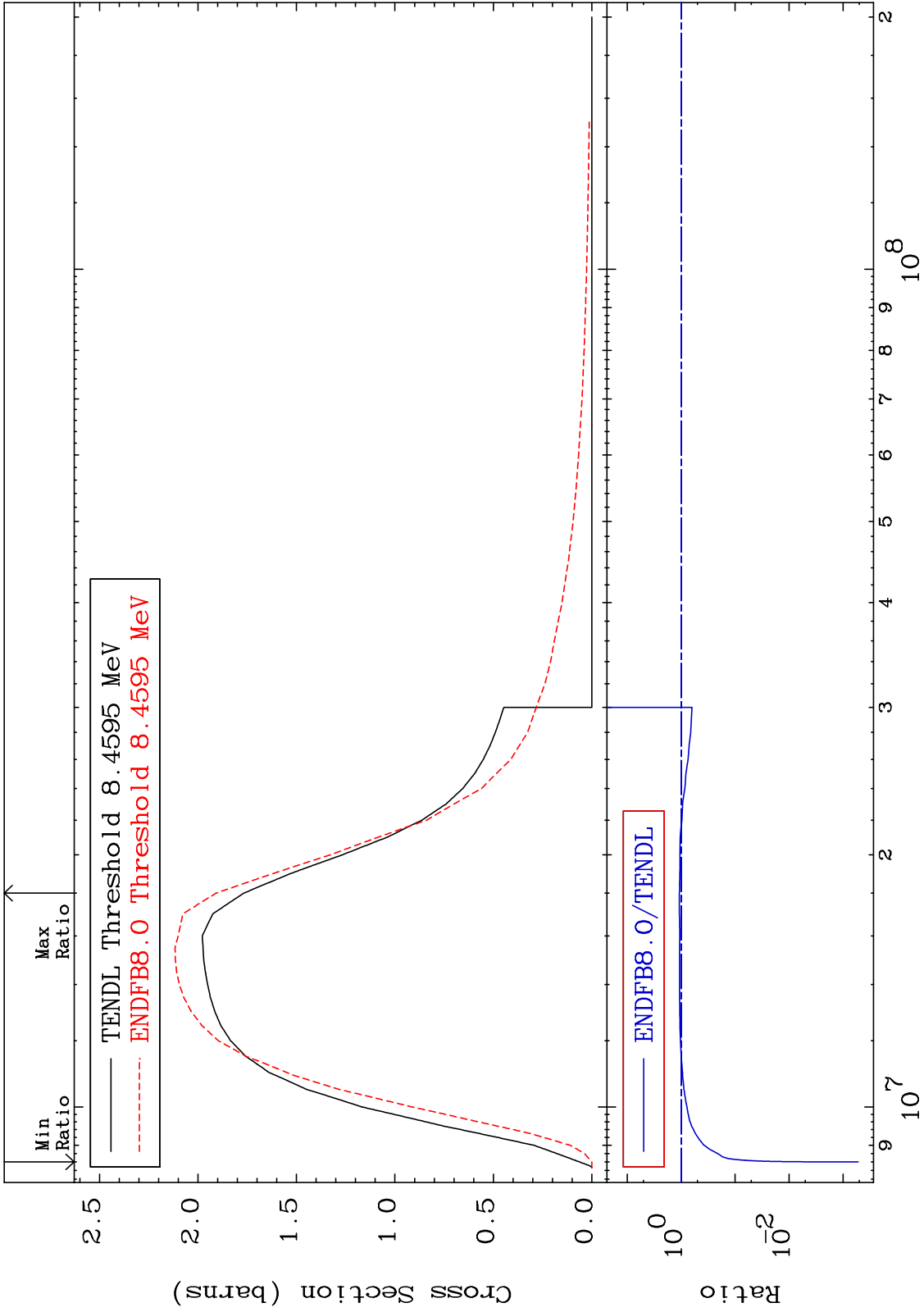
MAT 7425

(n,2n)

74-W -180

Cross Section

-99.95 To 7.971 %



5

Incident Energy (eV)

74-W -180

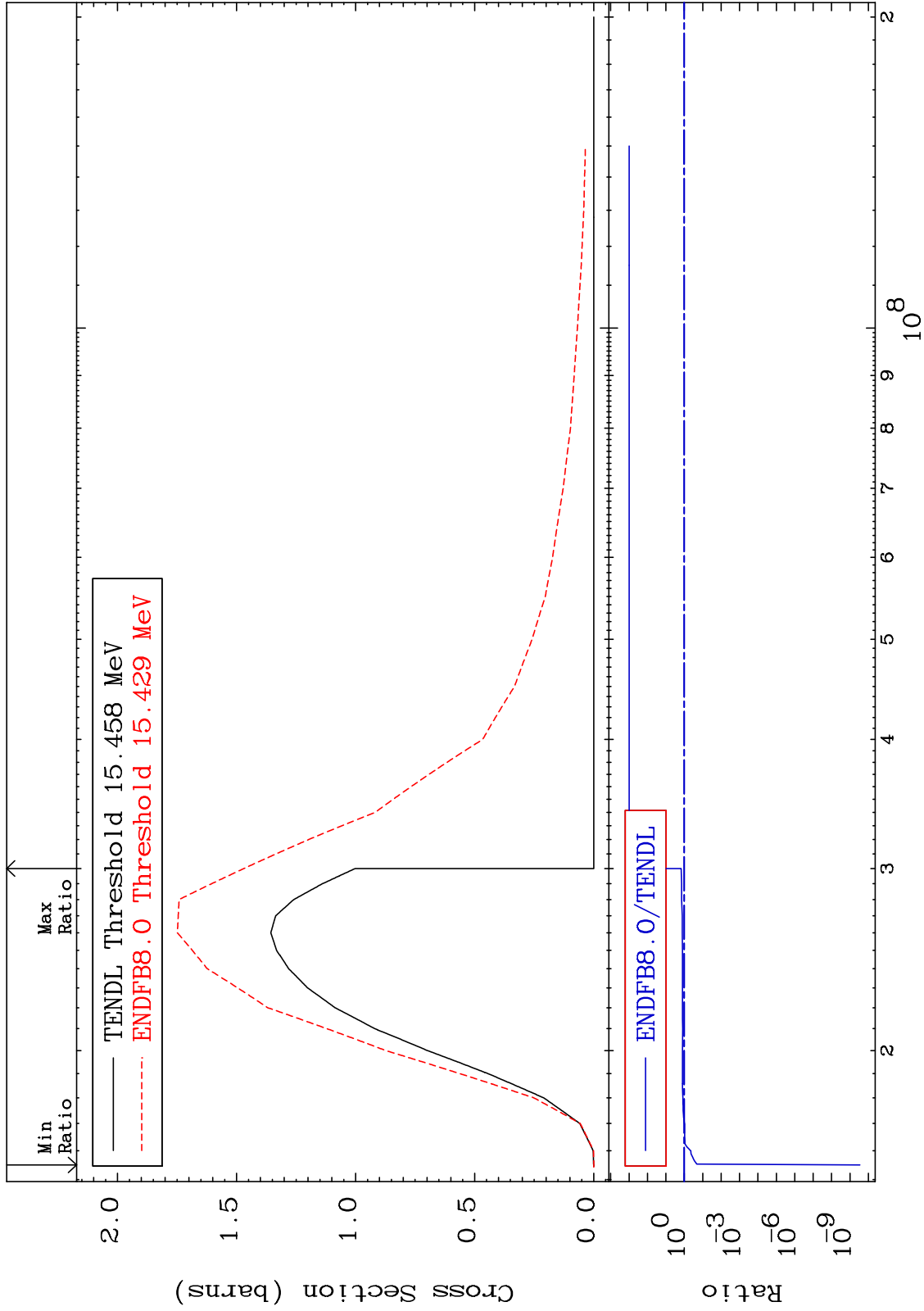
MAT 7425

(n, 3n)

74-W -180

Cross Section

-100.0 To 46.65 %



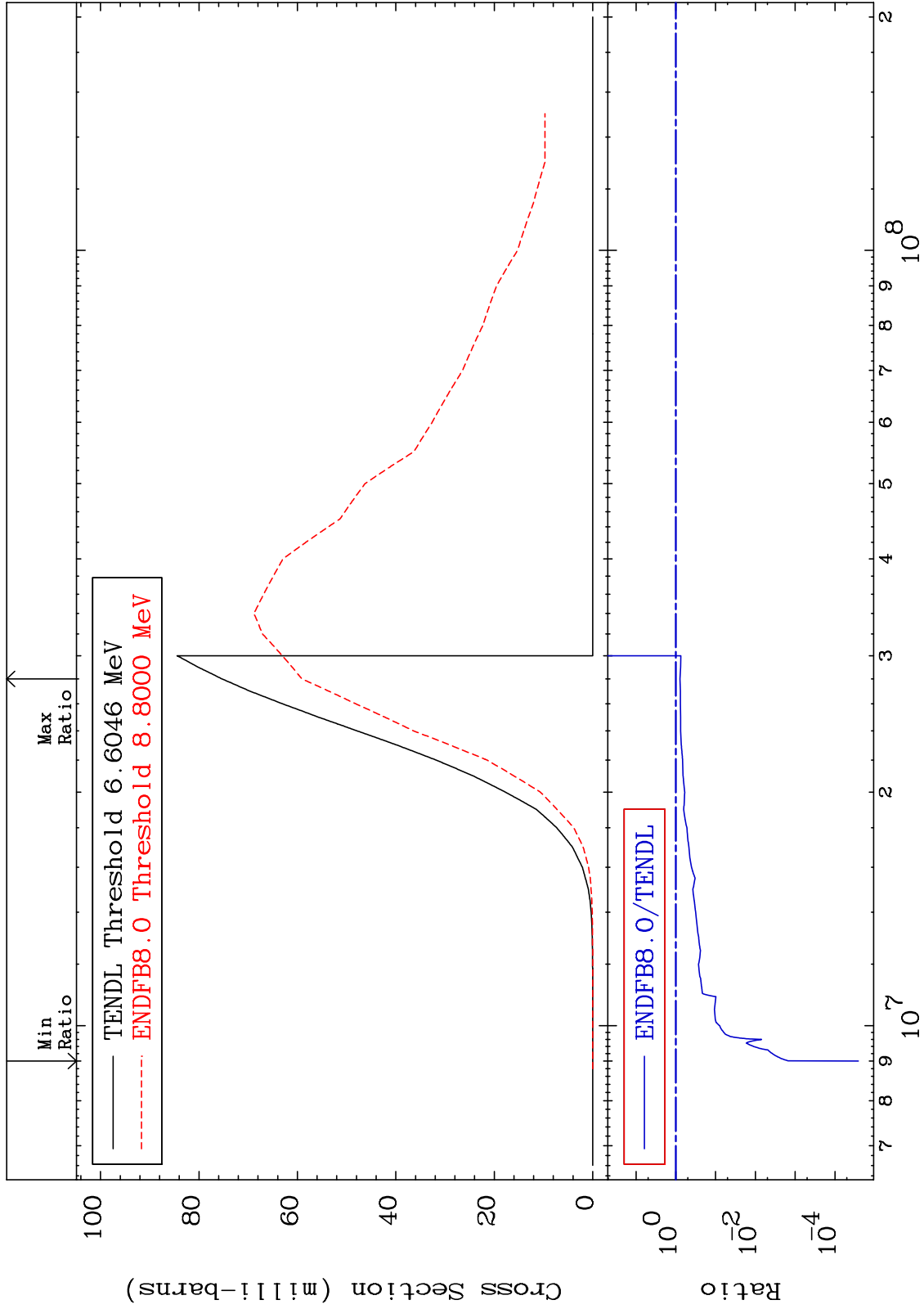
MAT 7425

(n,n') p

74-W -180

Cross Section

-100.0 To -21.56%

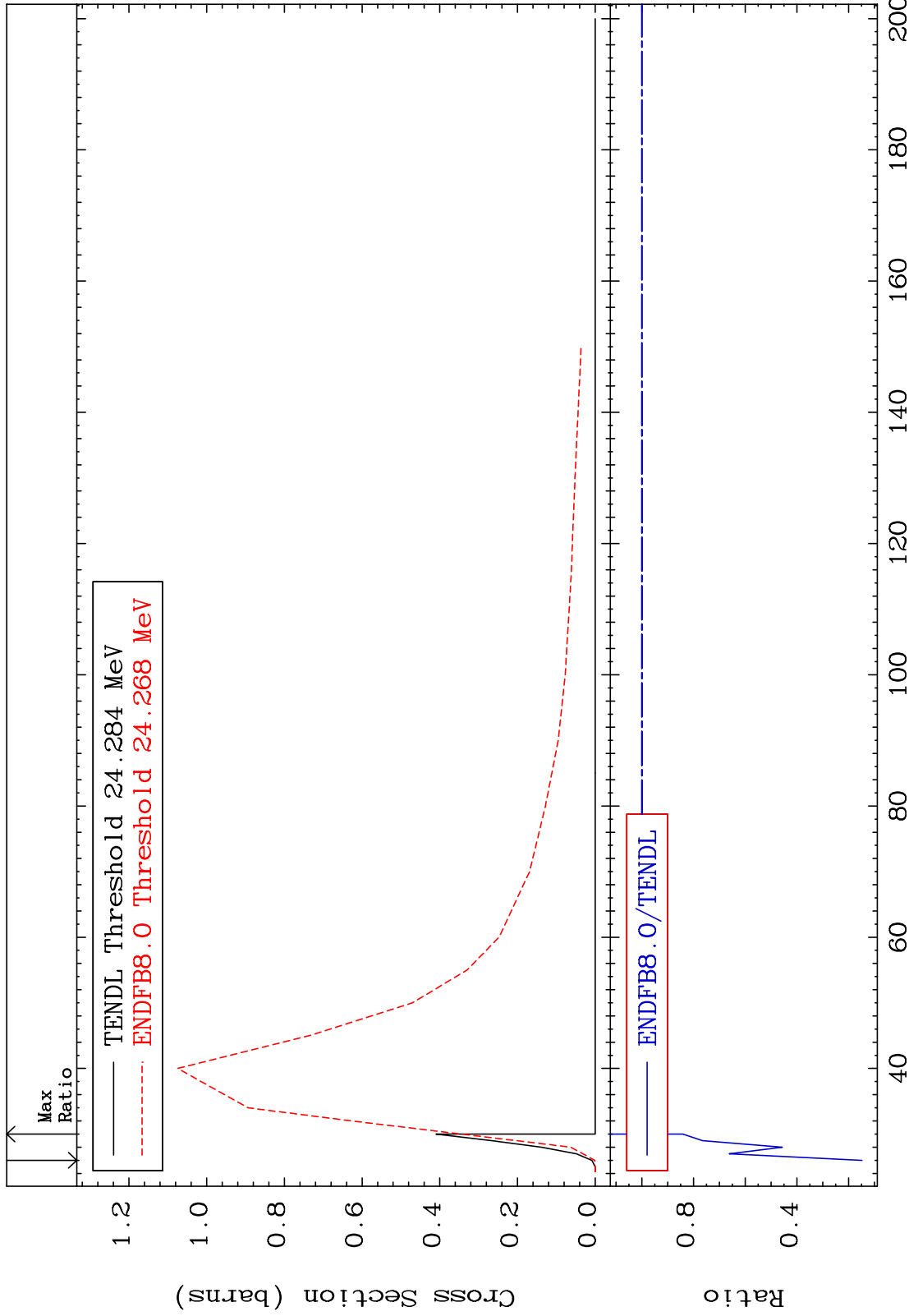


74-W -180

Incident Energy (eV)

7

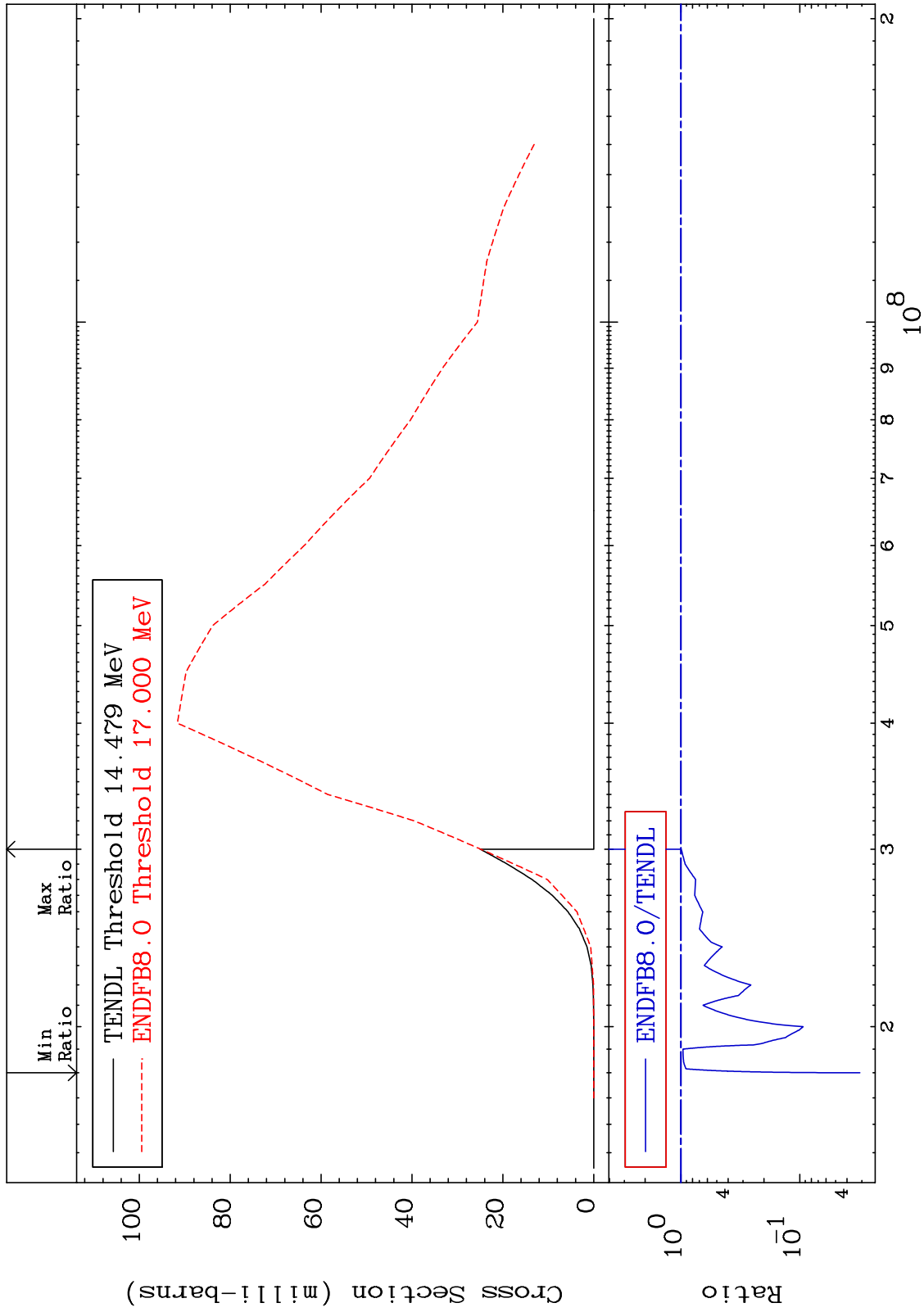
MAT 7425 (n, 4n) Cross Section 74-W -180 -85.16 To -15.89%



MAT 7425

(n,2n) p
Cross Section

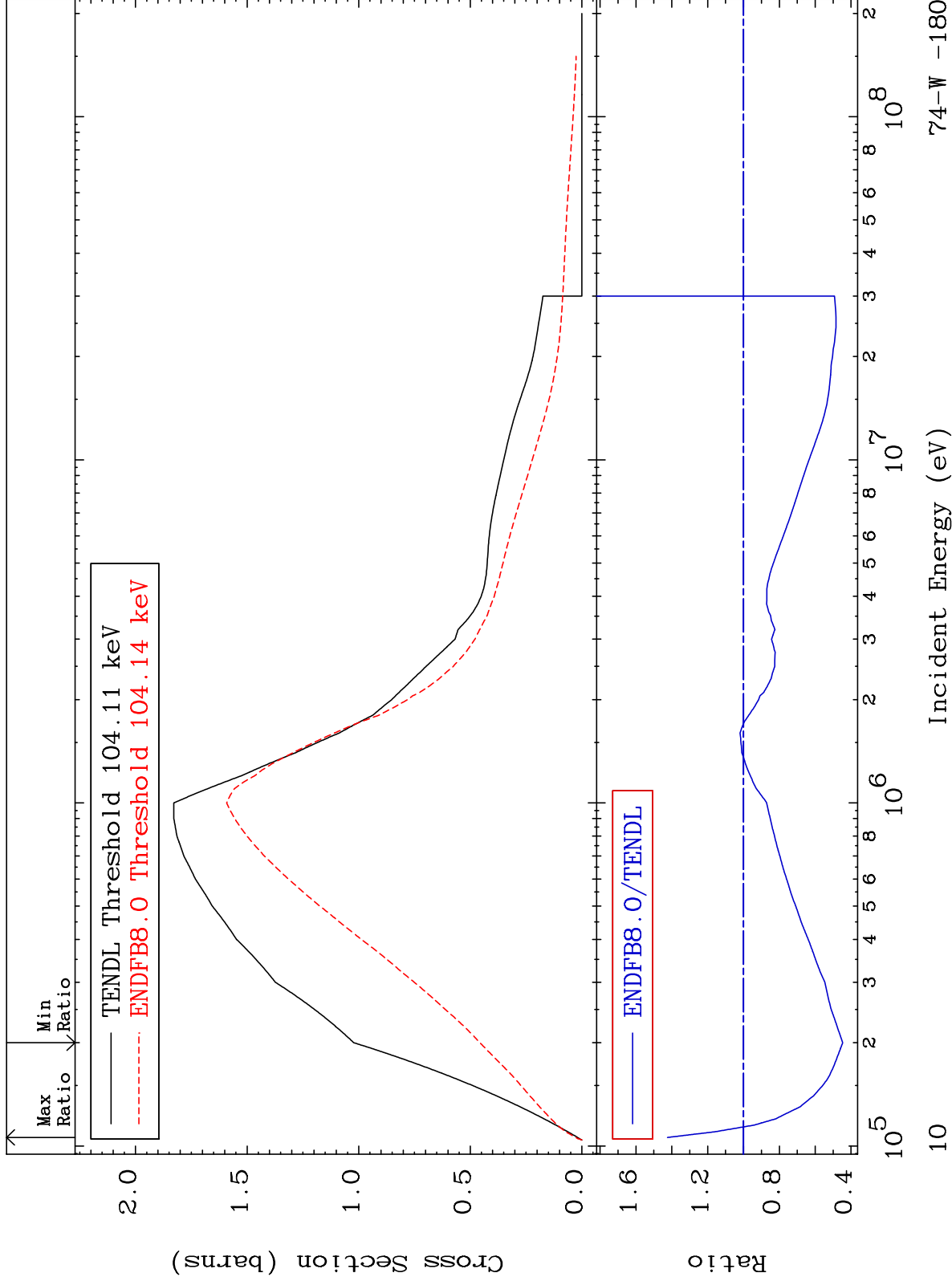
74-W -180
-96.88 To -0.556%



MAT 7425

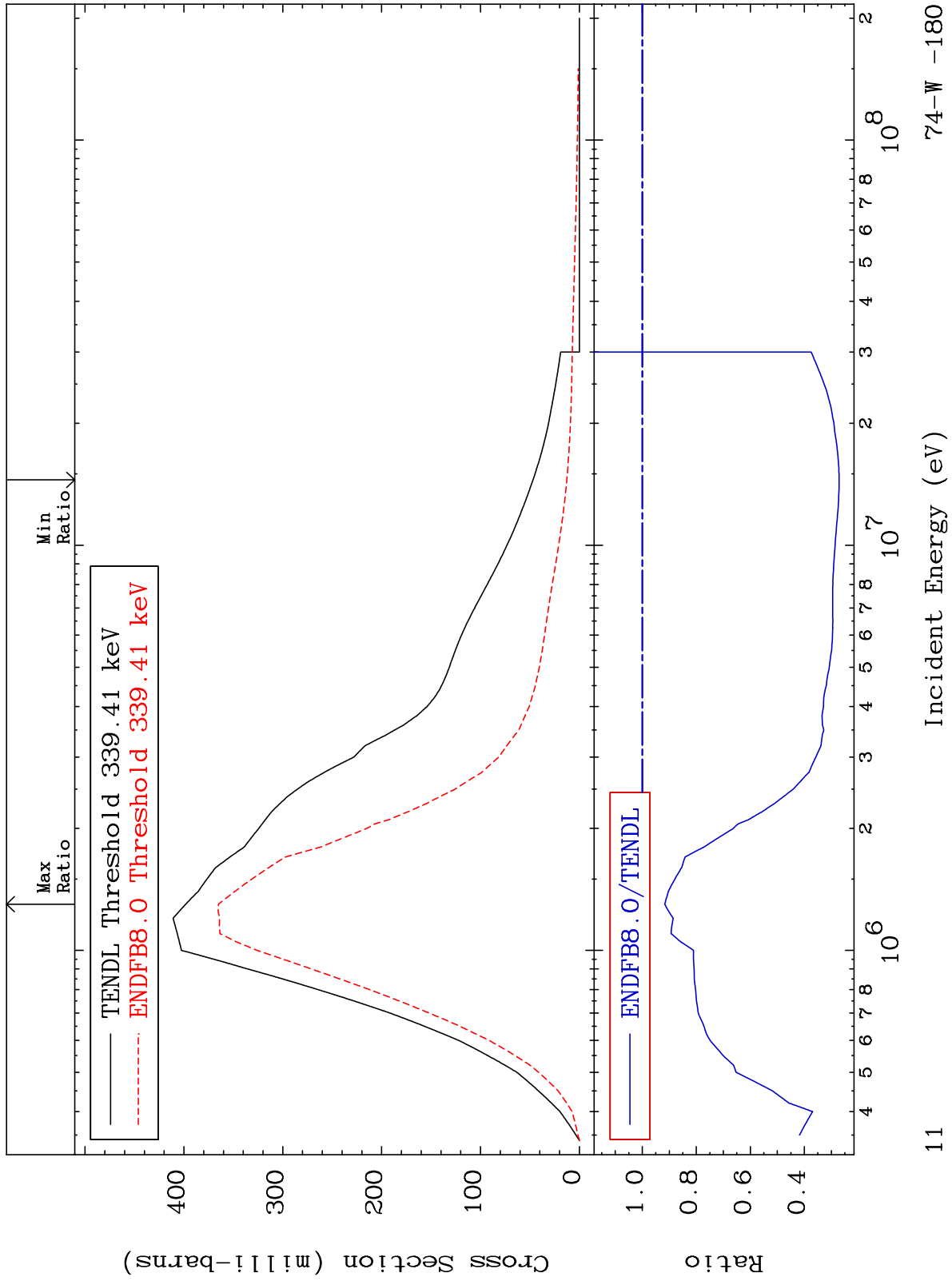
MT= 51 (n,n') Level
Cross Section

74-W -180
-55.31 To 42.37 %



74-W -180

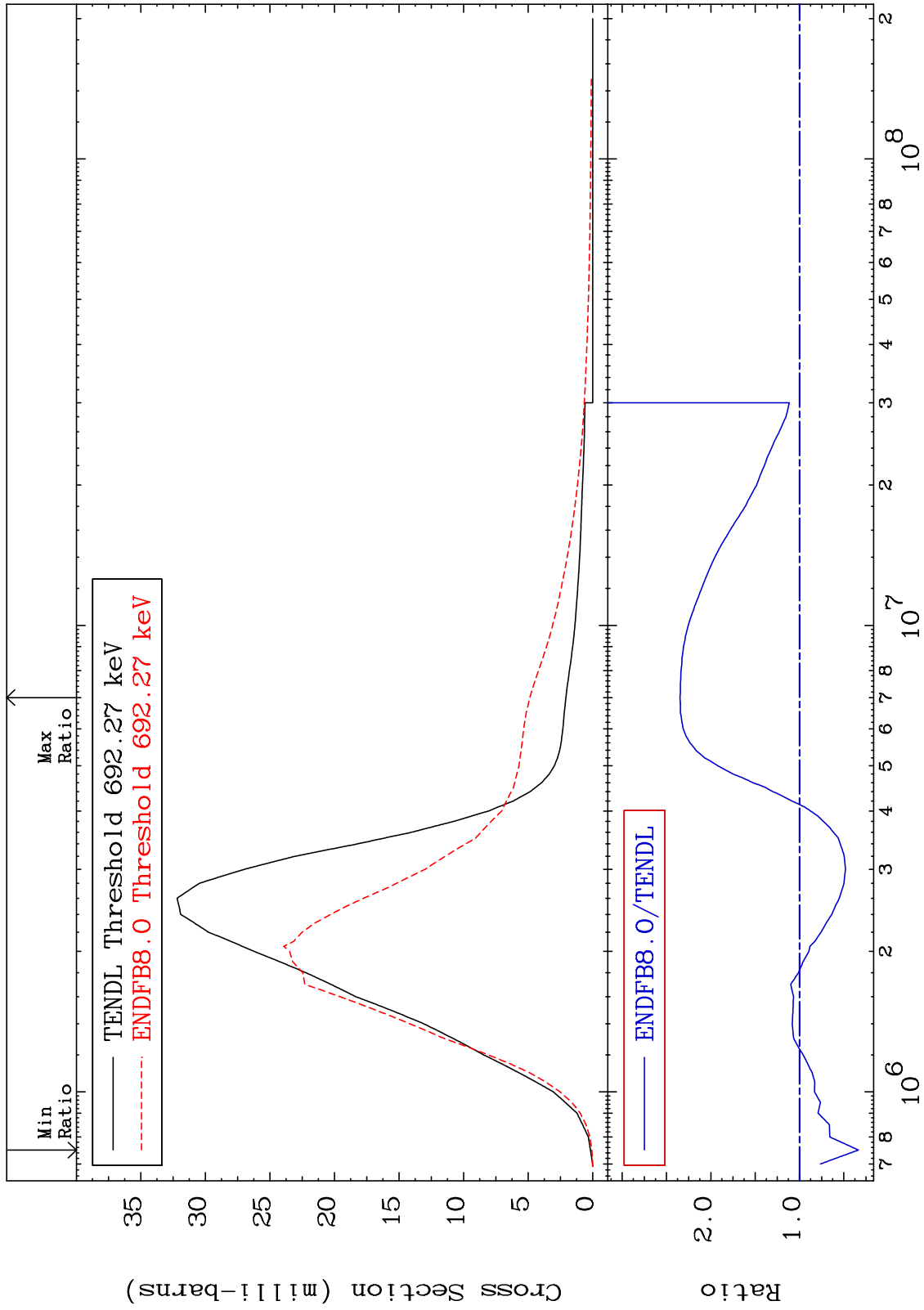
MAT 7425 MT= 52 (n,n') Level Cross Section 74-W -180 -72.88 To -8.315%



MAT 7425

MT= 53 (n,n') Level
Cross Section

74-W -180
-66.51 To 134.7 %



12

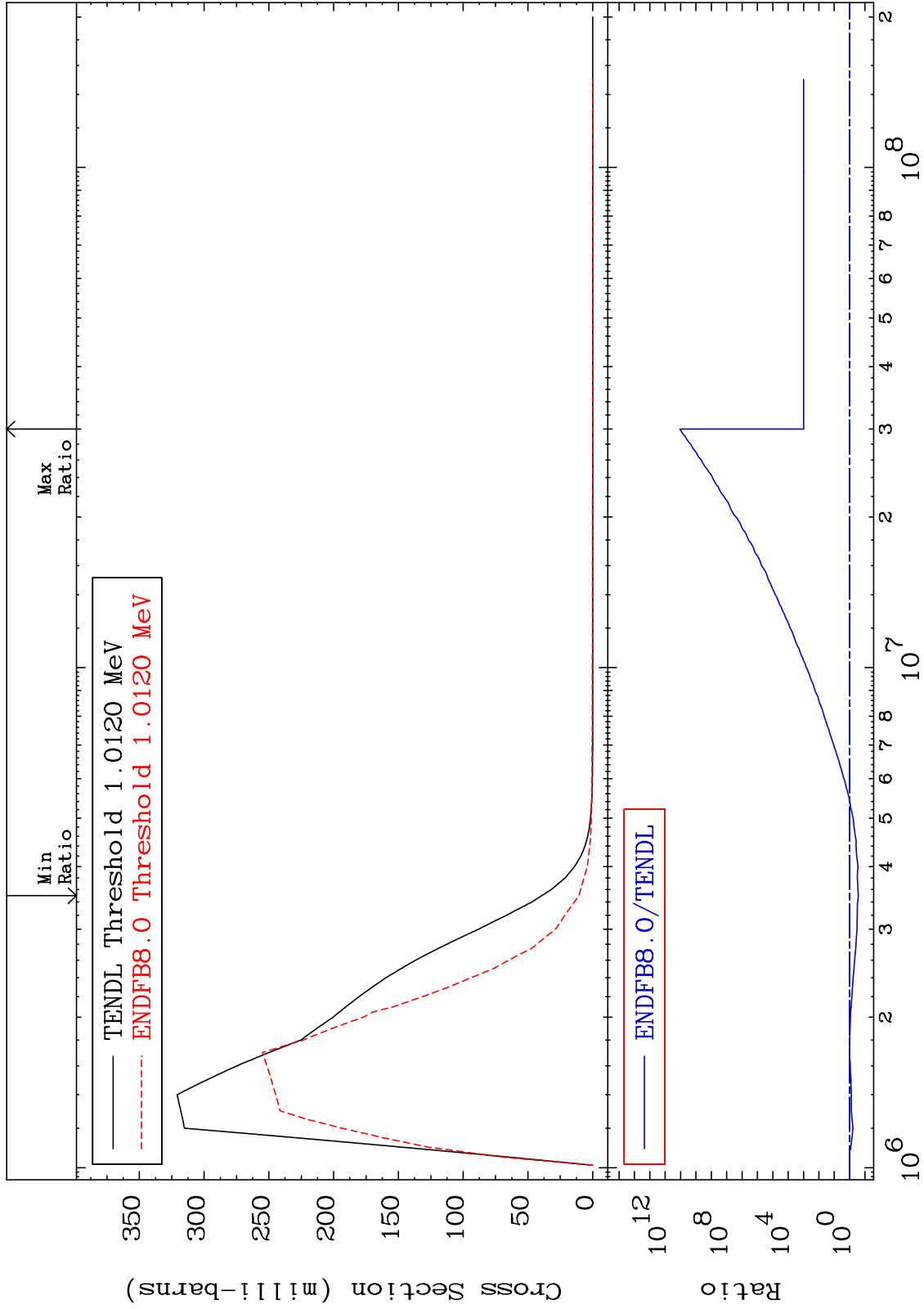
Incident Energy (eV)

74-W -180

MAT 7425

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

74-W -180
-73.14 To 9999. %



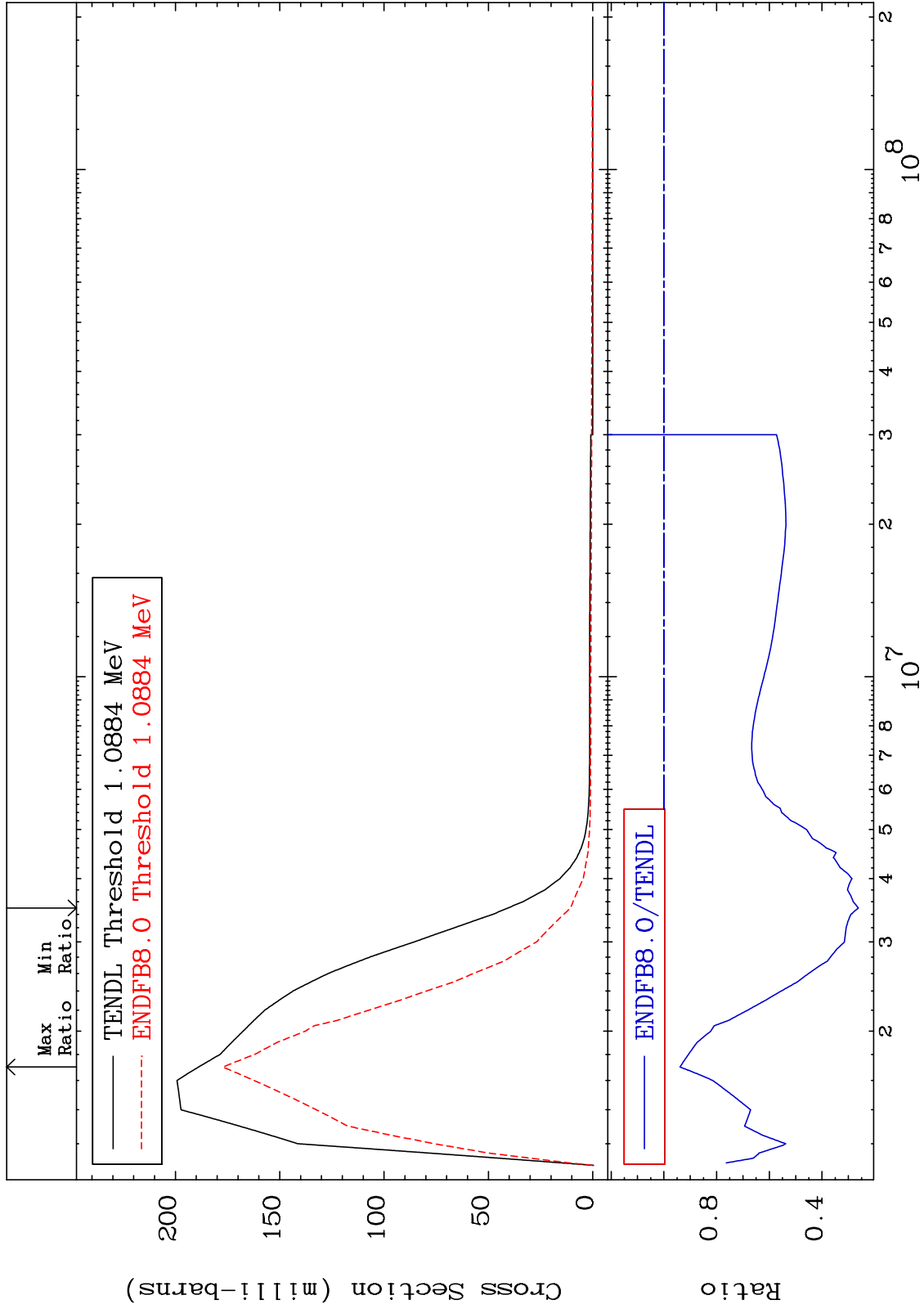
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74-W -180

MAT 7425

MT= 55 (n,n') Level
Cross Section

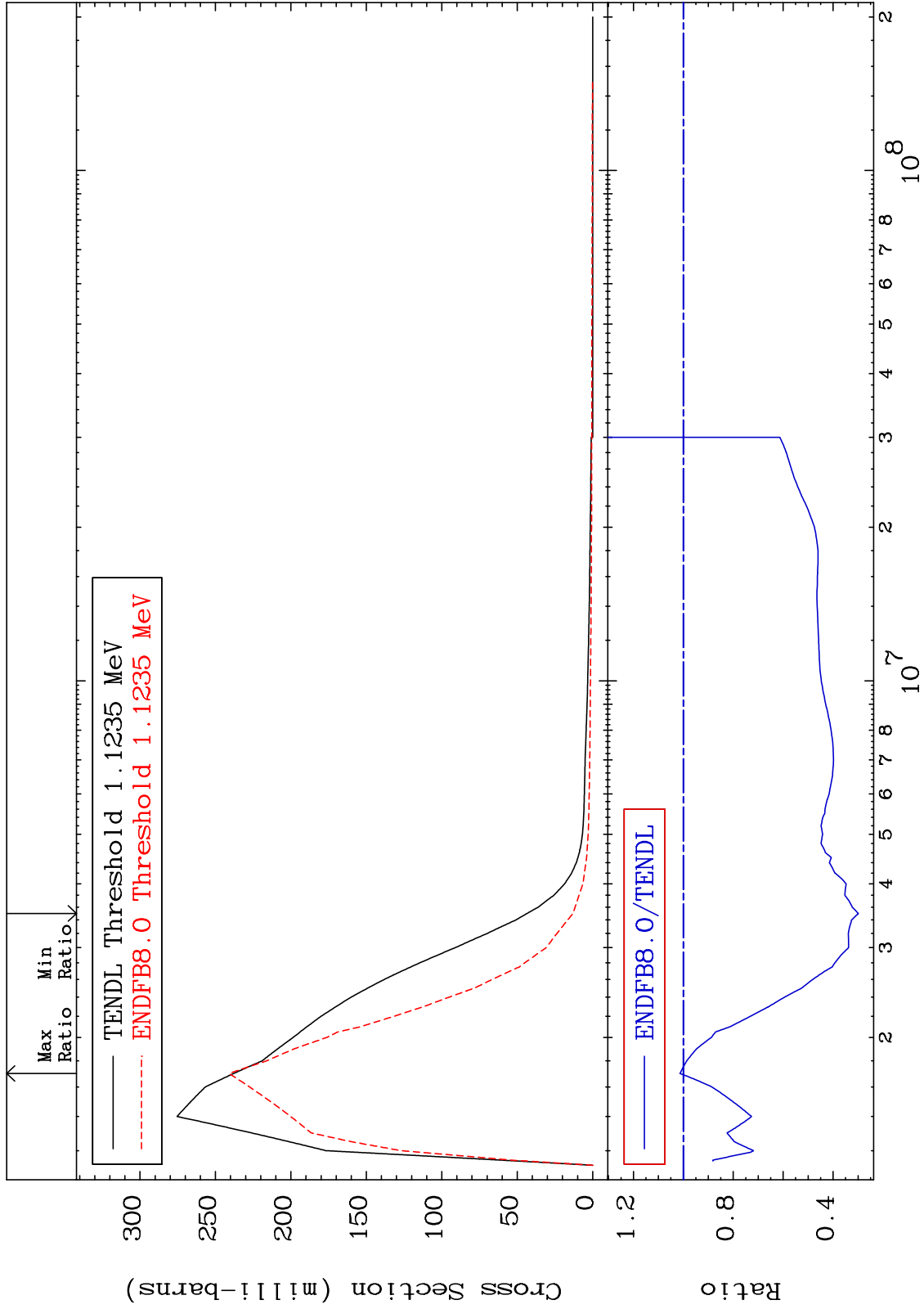
74-W -180
-73.81 To -6.128%



MAT 7425

MT= 56 (n,n') Level
Cross Section

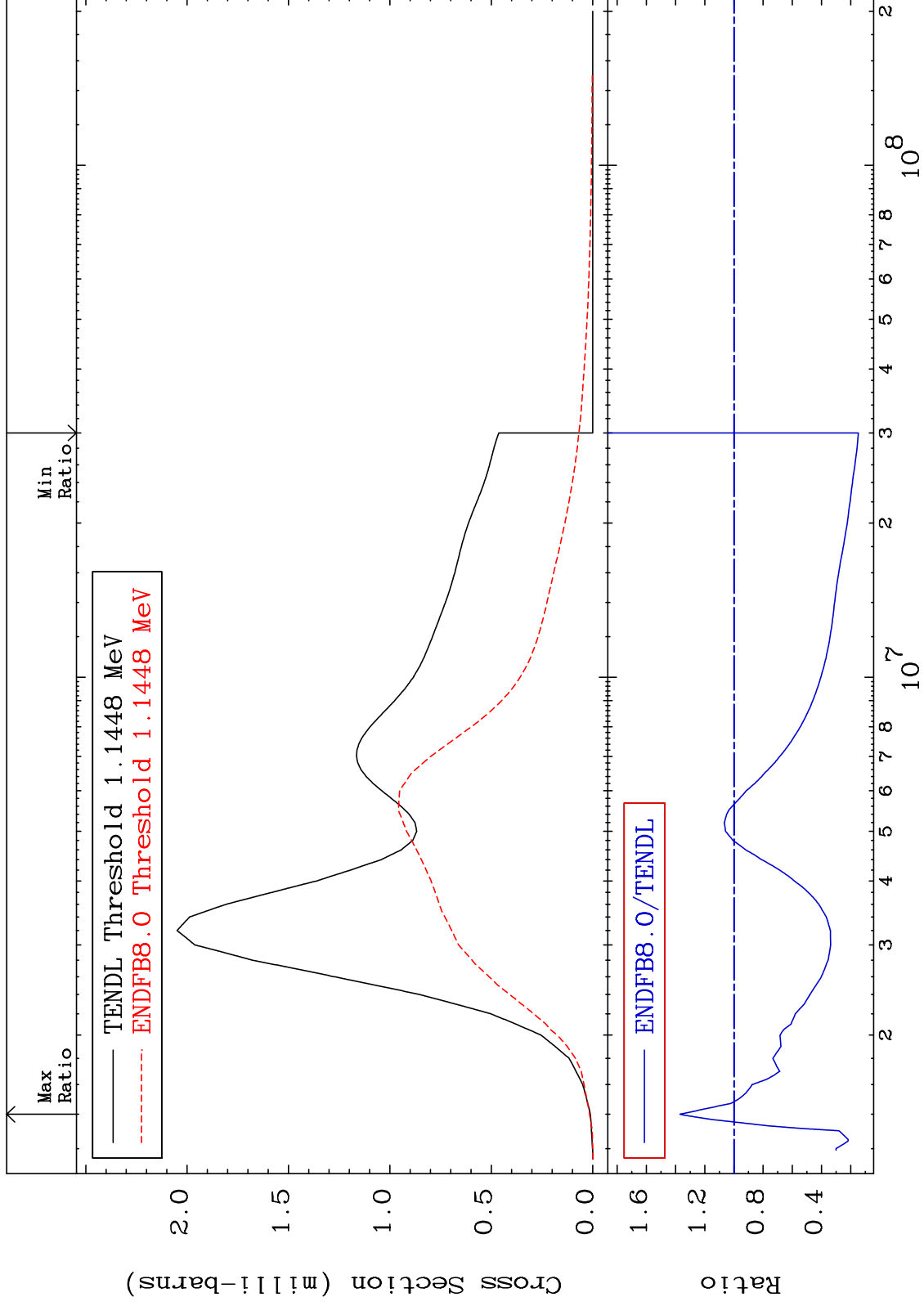
74-W -180
-70.15 To 1.334 %



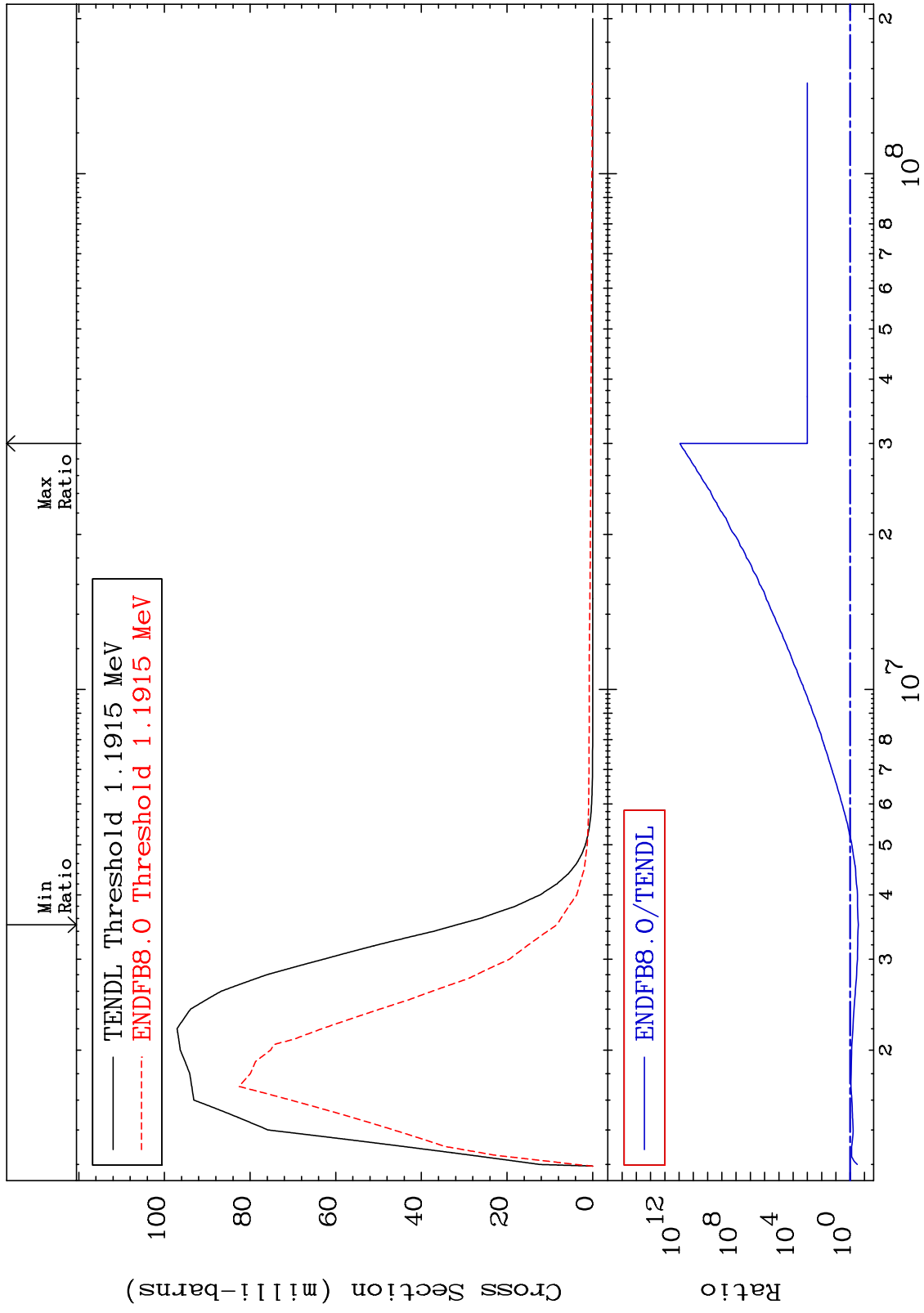
MAT 7425

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

74-W -180
-85.30 To 36.96 %



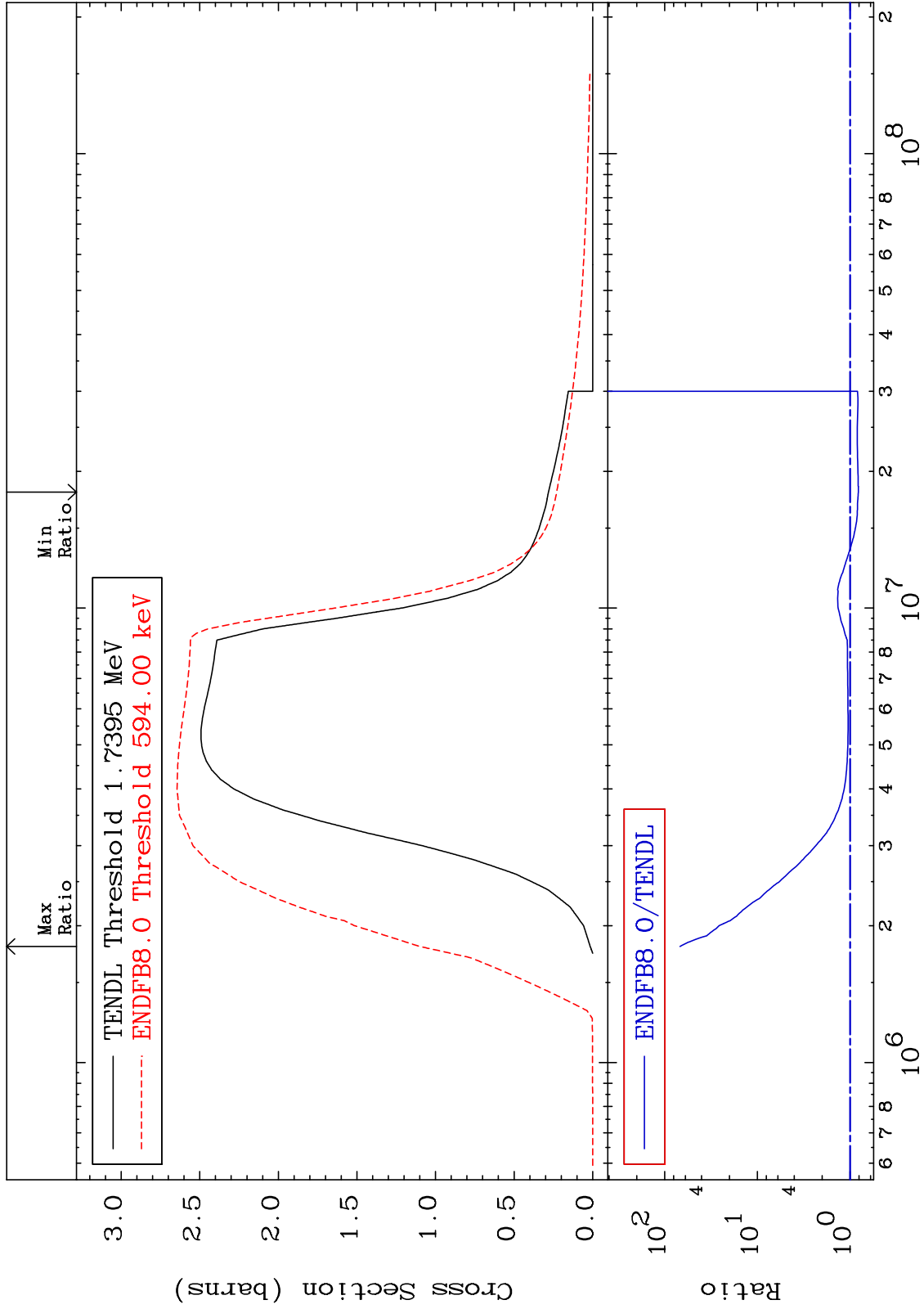
MAT 7425 MT= 58 (n,n') Level Cross Section 74-W -180 -73.67 To 9999. %



MAT 7425

(n, n') Continuum
Cross Section

74-W -180
-18.83 To 6741. %



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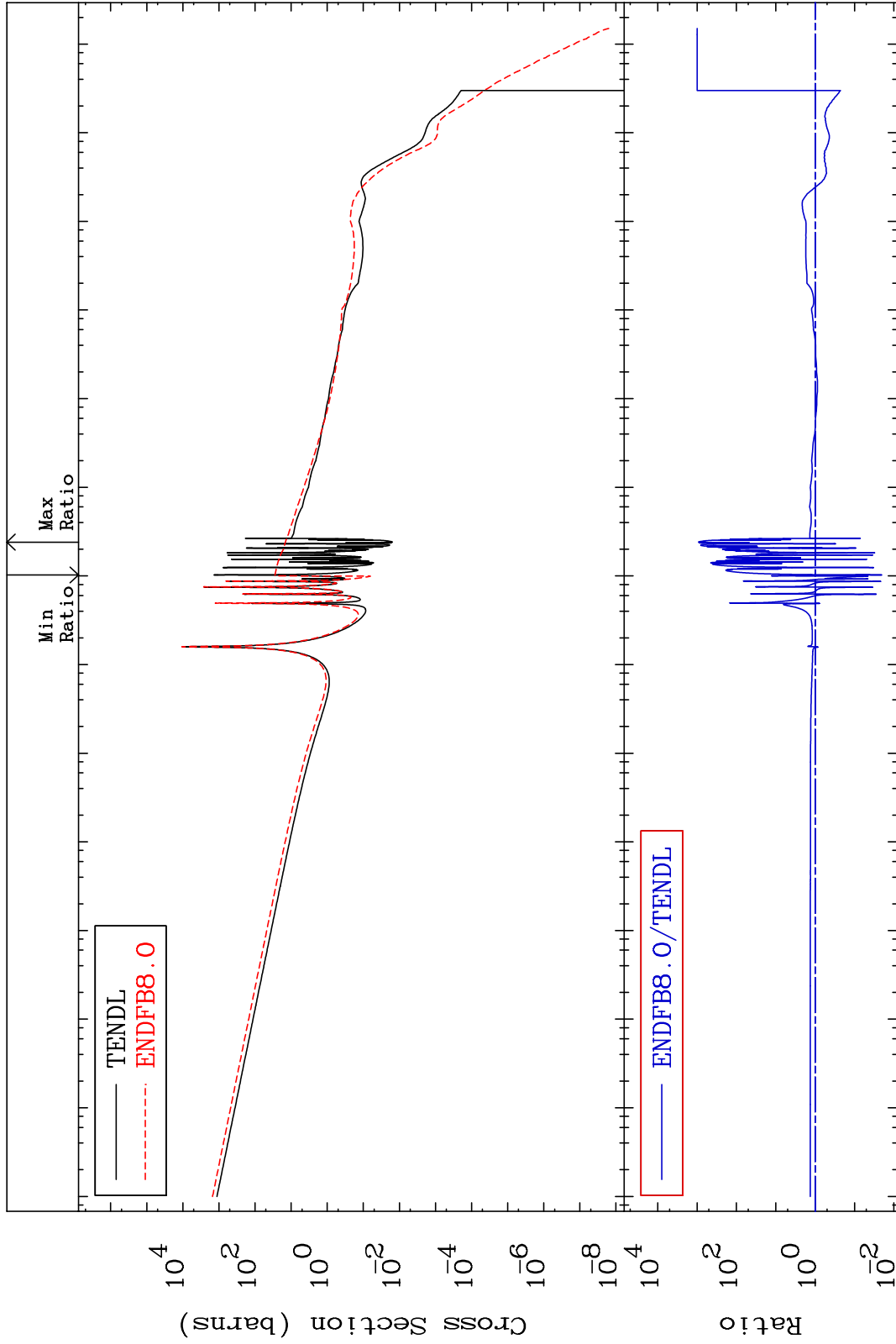
Incident Energy (eV)

74-W -180

MAT 7425

(n, γ)
Cross Section

74-W -180
-97.94 To 9999. %

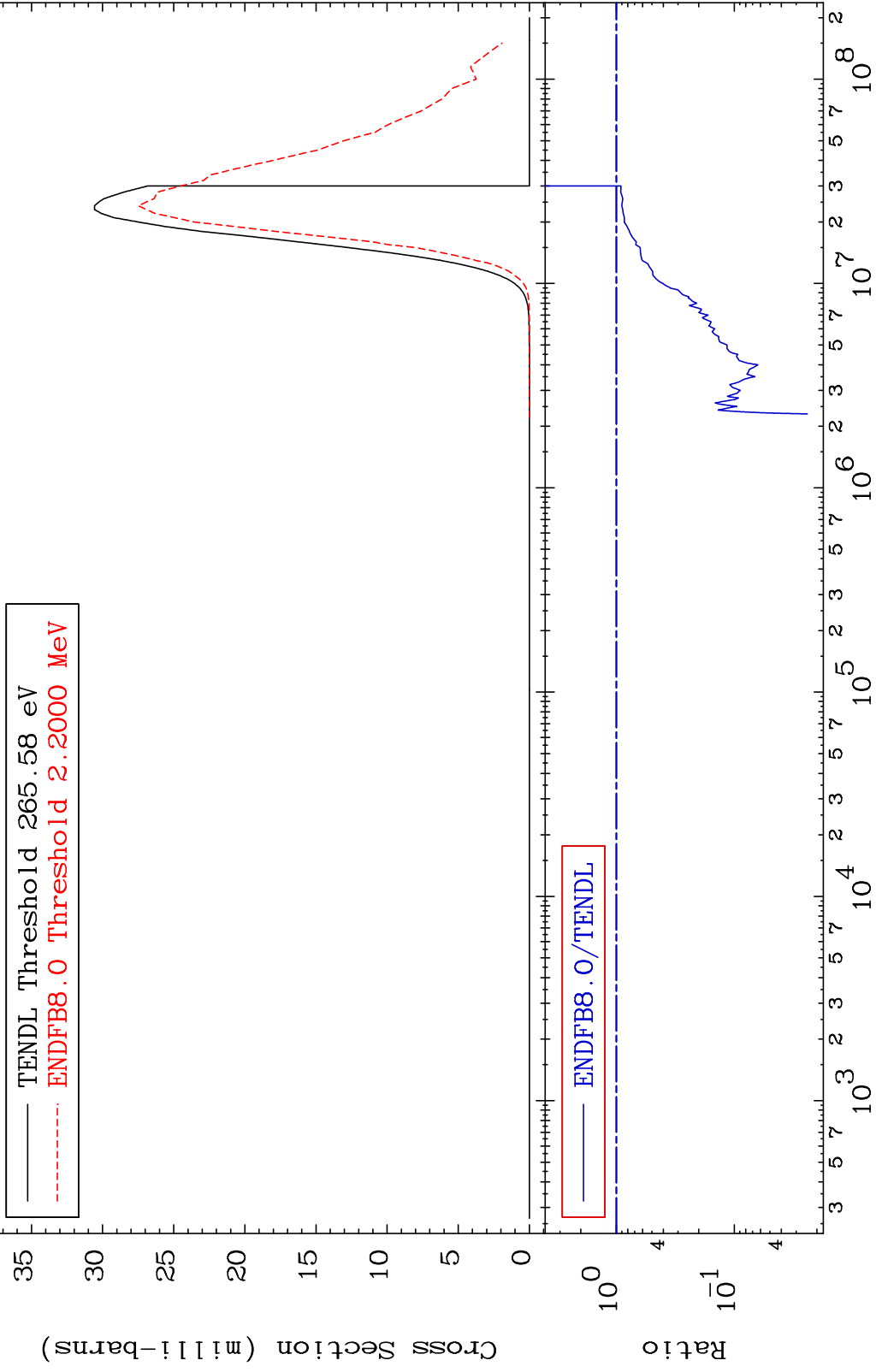


MAT 7425

(n,p)

Cross Section

74-W -180
-97.59 To -8.297%



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Incident Energy (eV)

74-W -180

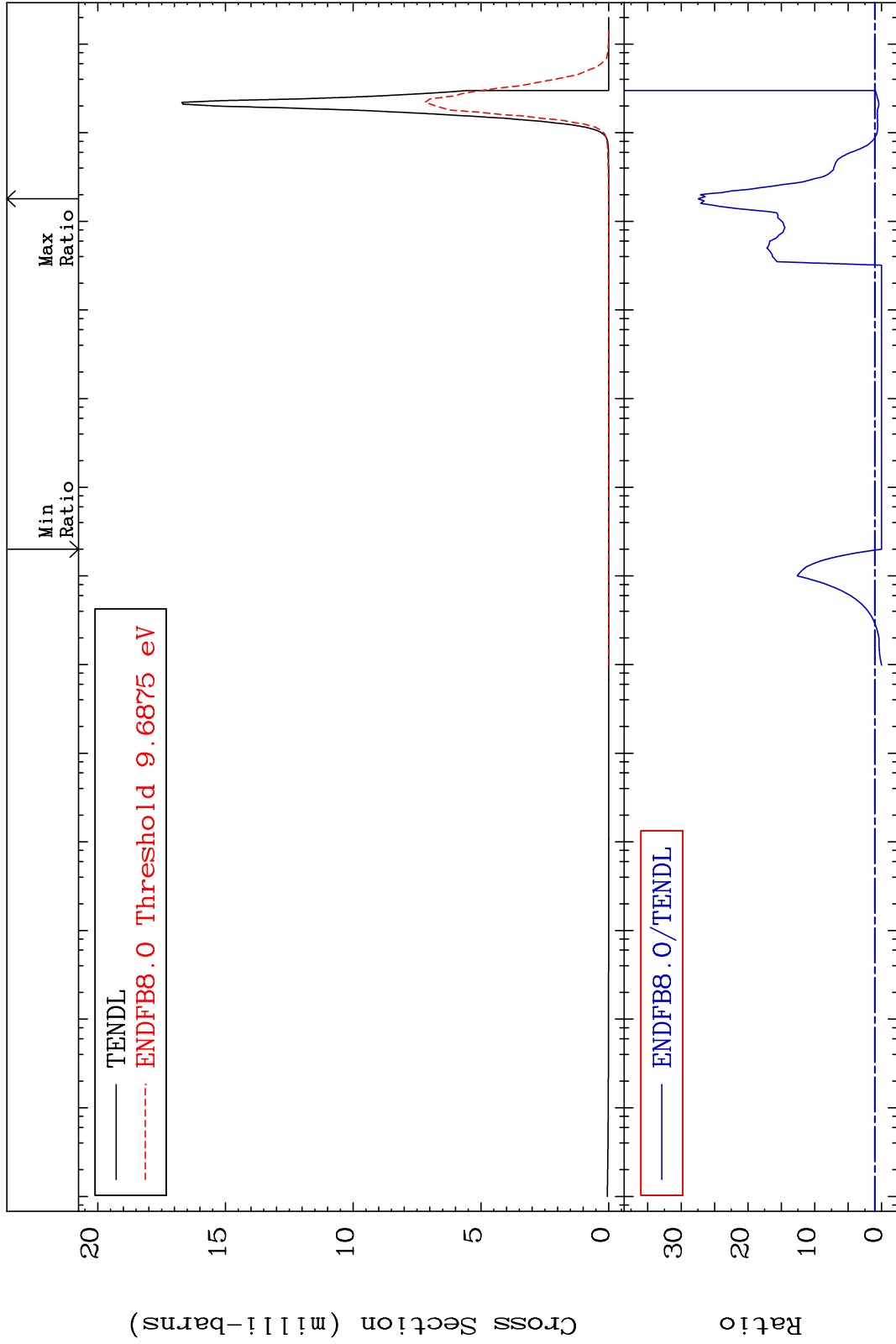
MAT 7425

(n, α)

74-W -180

Cross Section

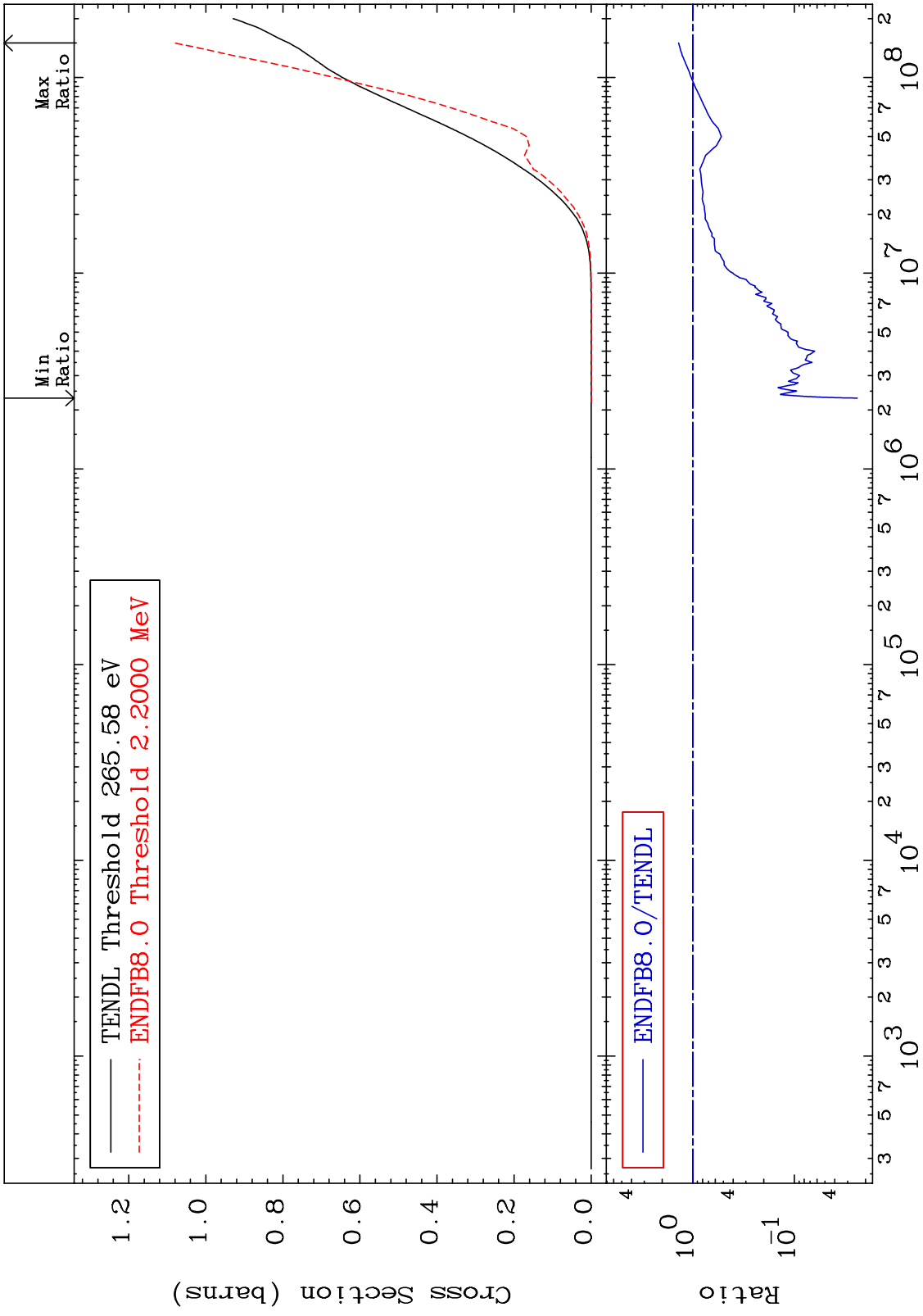
-100.0 To 2643. %



MAT 7425

Hydrogen Production
Cross Section

74-W -180
-97.59 To 37.76 %



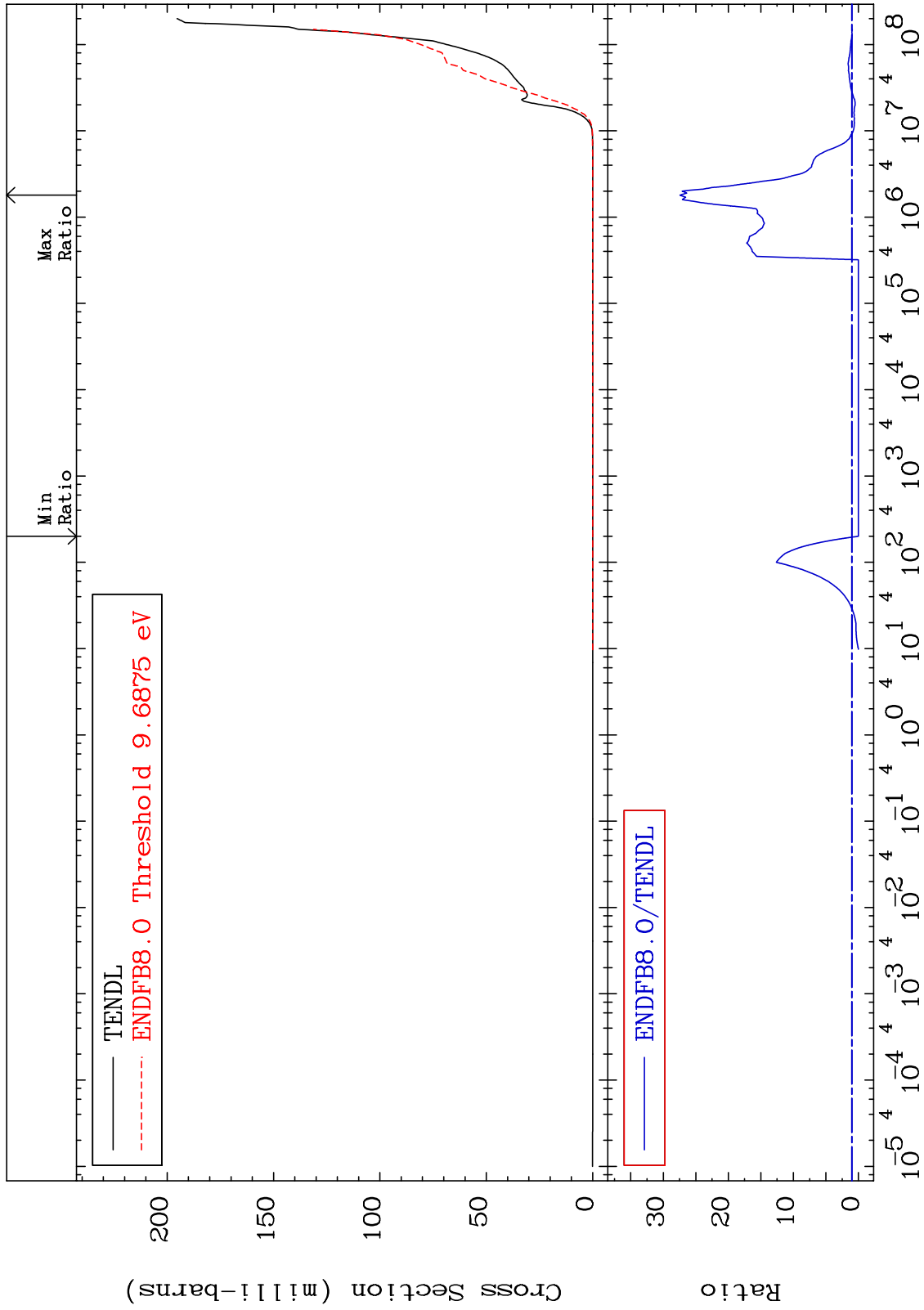
Incident Energy (eV)

74-W -180

MAT 7425

He-4 Production
Cross Section

74-W -180
-100.0 To 2643. %



23

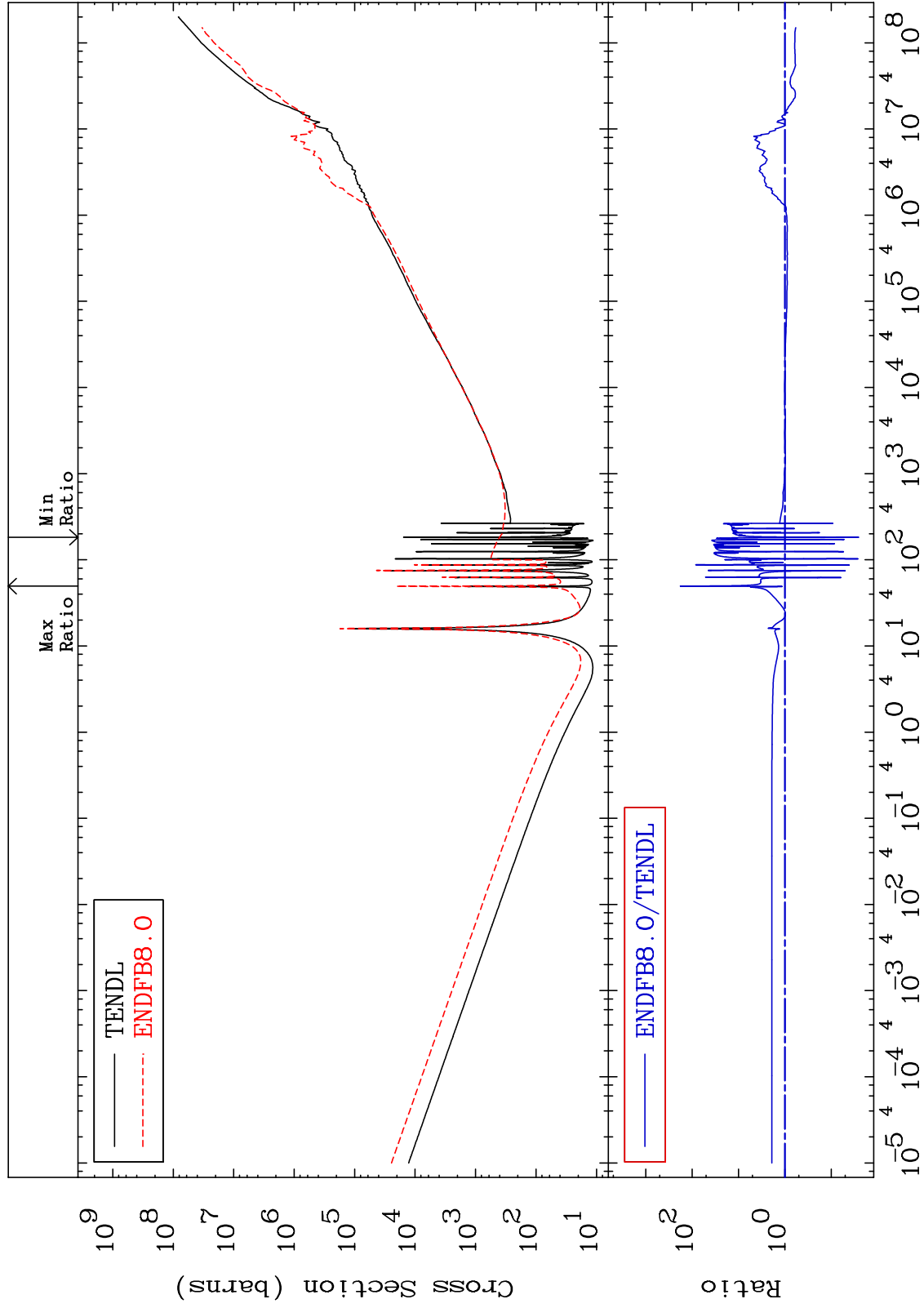
Incident Energy (eV)

74-W -180

MAT 7425

Kerma total (eV-barns)
Cross Section

74-W -180
-97.42 To 9999. %



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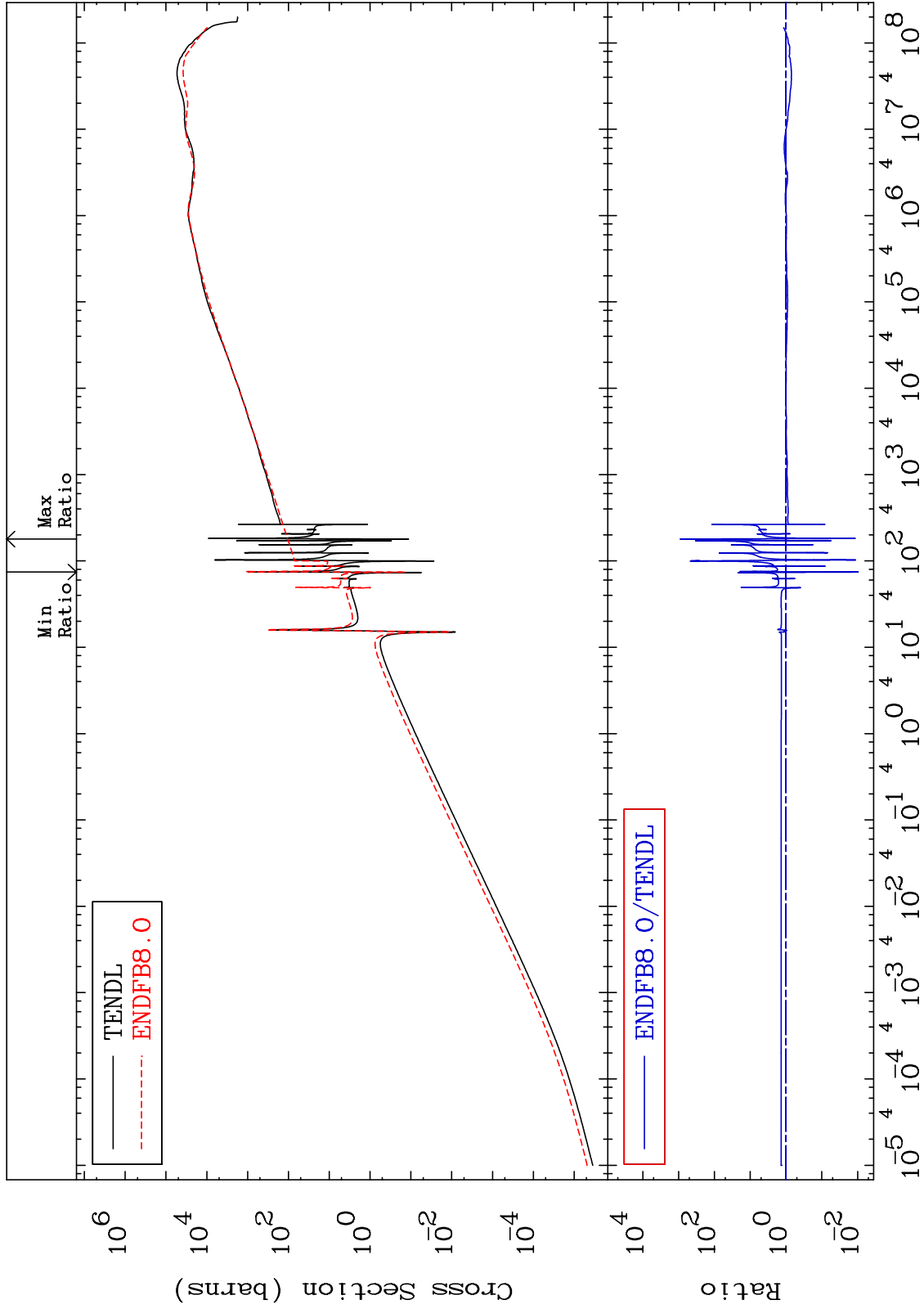
Incident Energy (eV)

74-W -180

MAT 7425

Kerma elastic
Cross Section

74-W -180
-99.05 To 9999. %



25

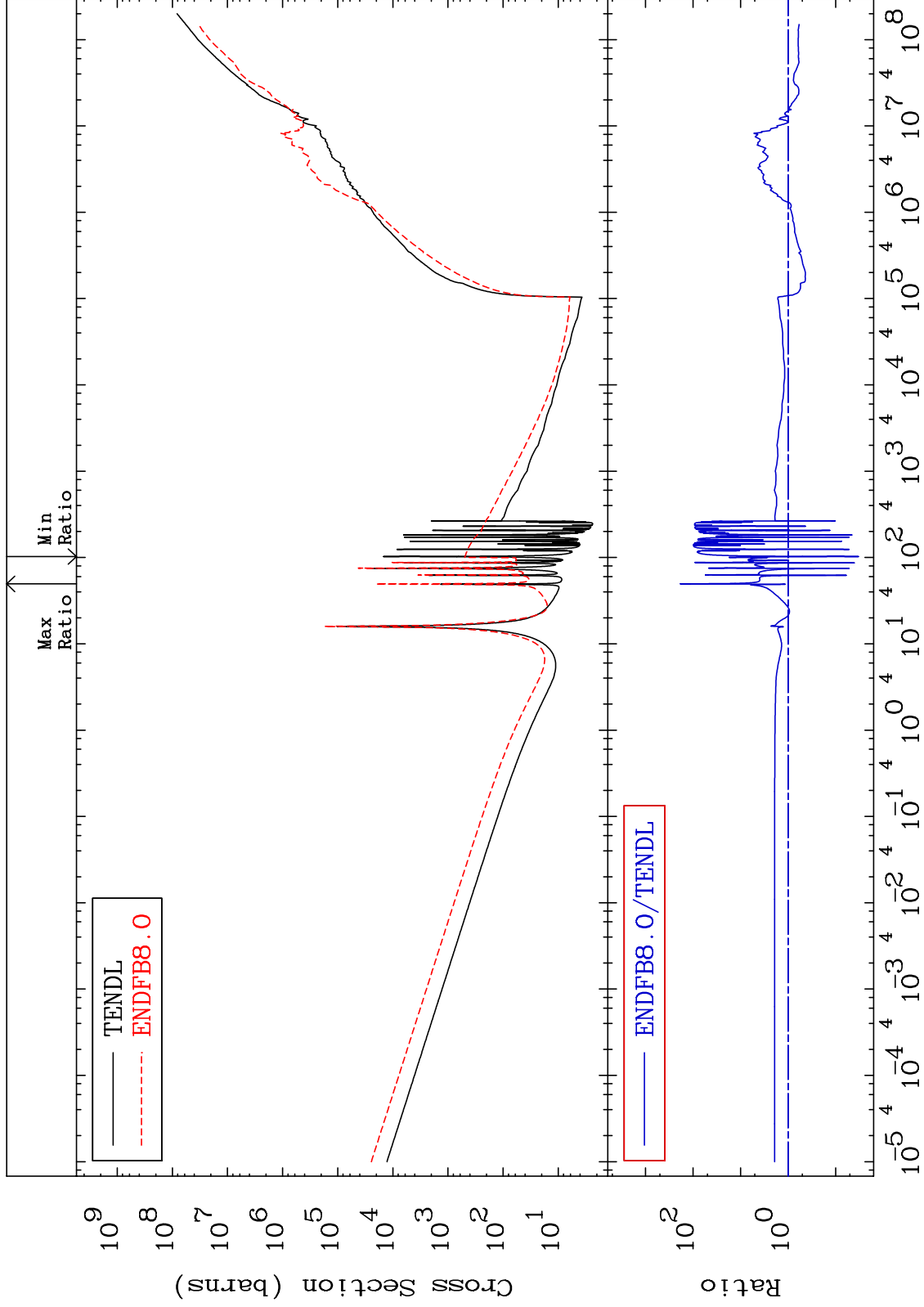
Incident Energy (eV)

74-W -180

MAT 7425

Kerma non-elastic (all but mt2)
Cross Section

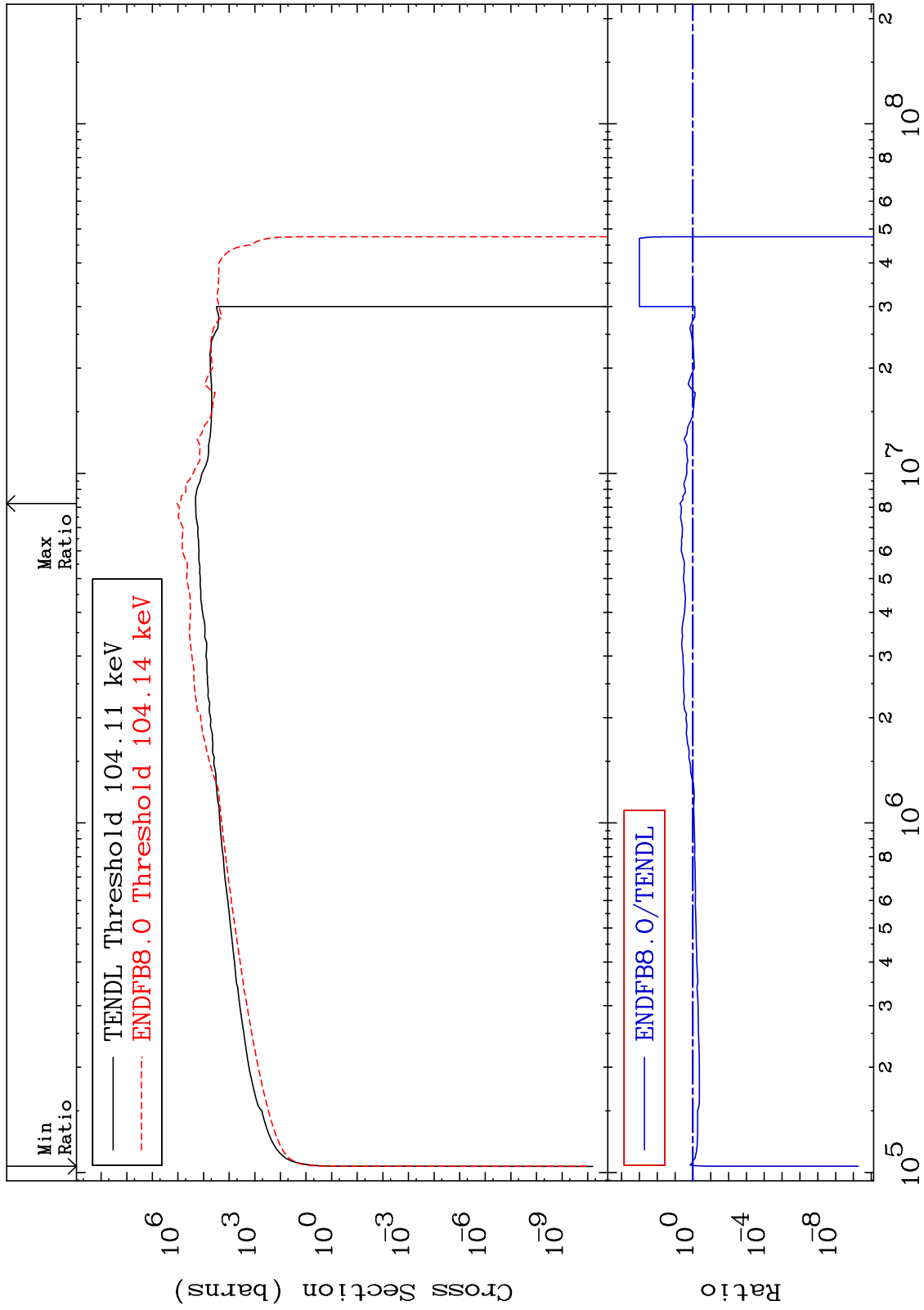
74-W -180
-96.69 To 9999. %



MAT 7425

Kerma inelastic (mt51-91)
Cross Section

74-W -180
-100.0 To 427.2 %



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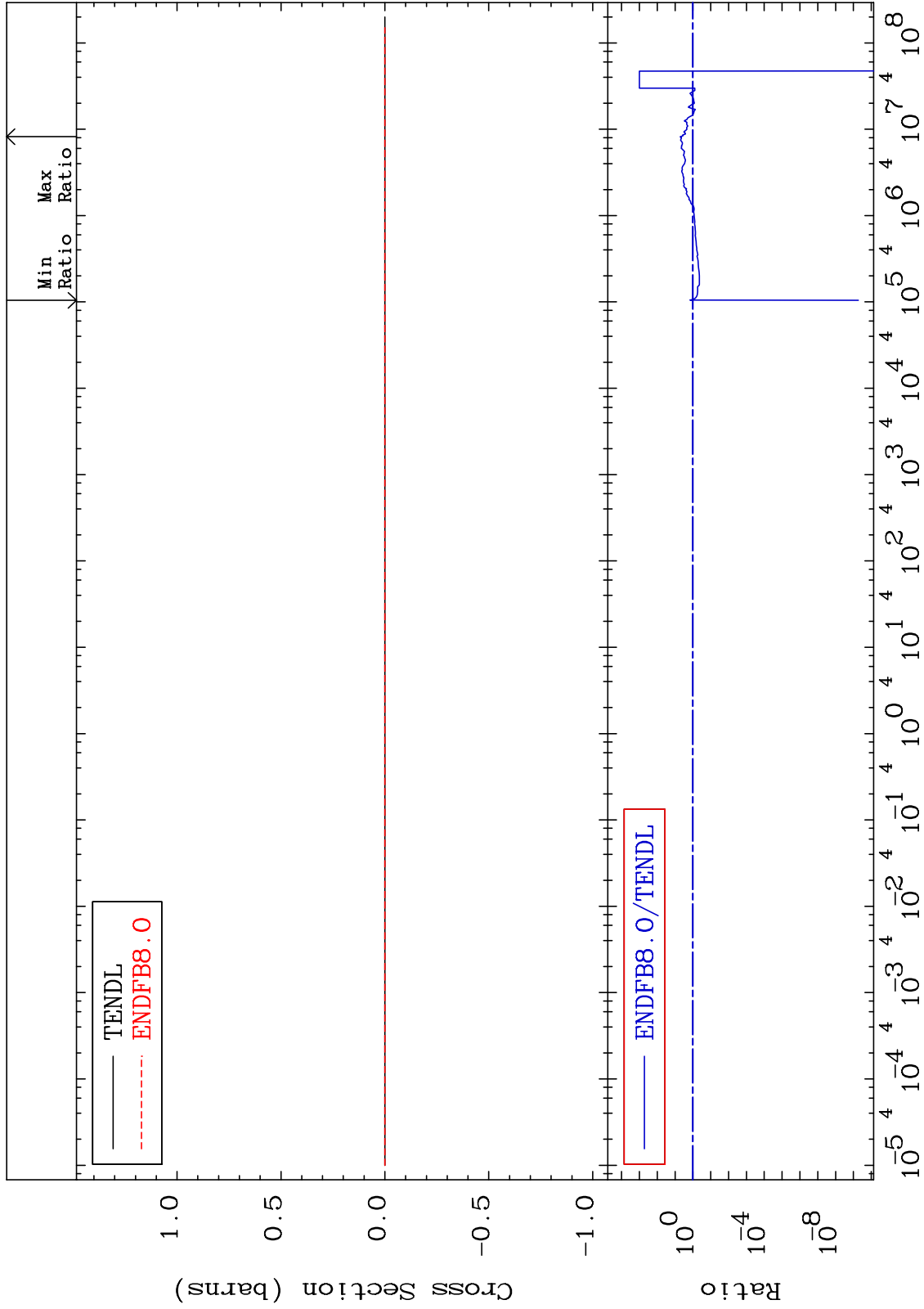
Incident Energy (eV)

74-W -180

MAT 7425

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

74-W -180
-100.0 To 427.2 %



28

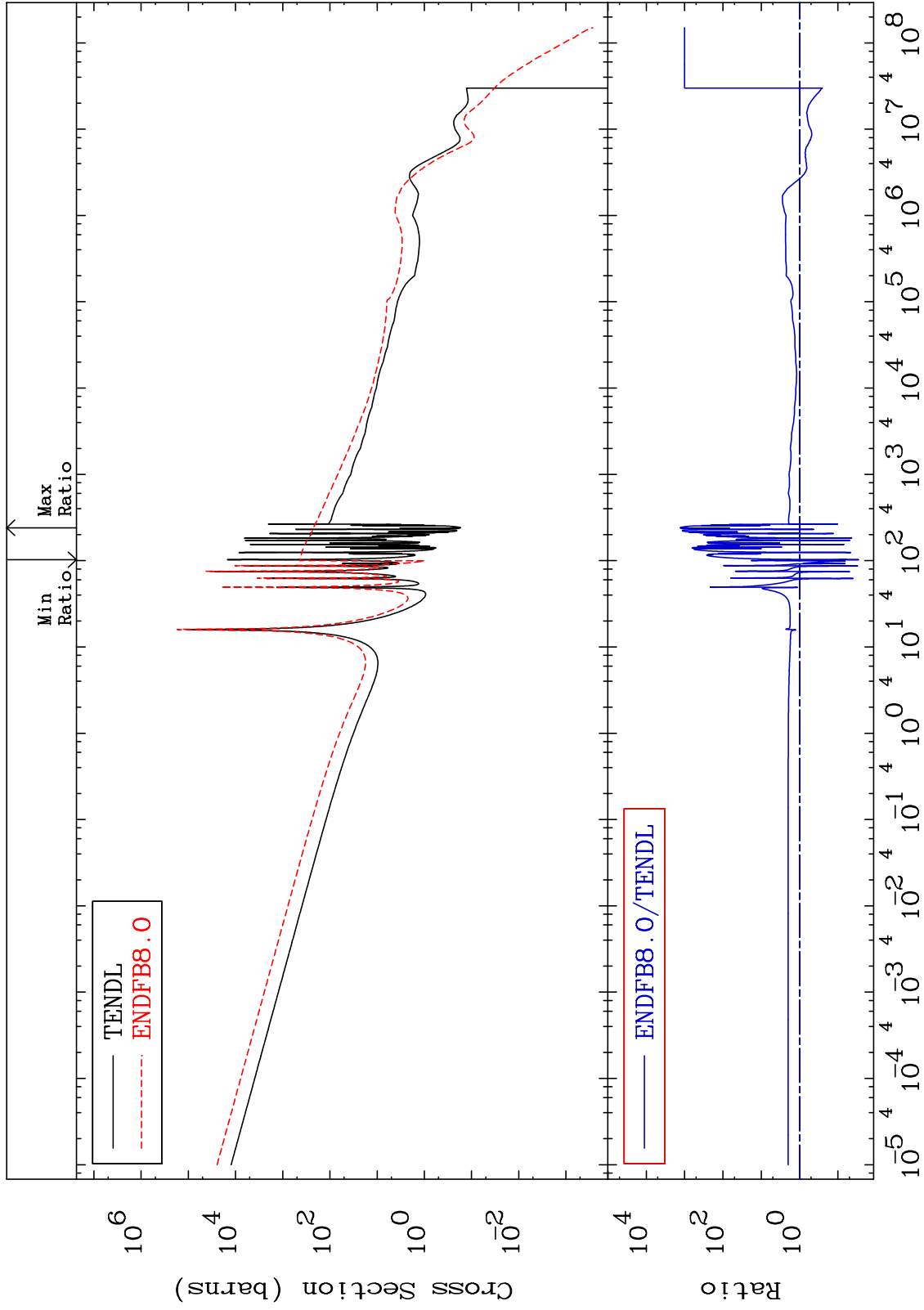
Incident Energy (eV)

74-W -180

MAT 7425

Kerma capture (mt102)
Cross Section

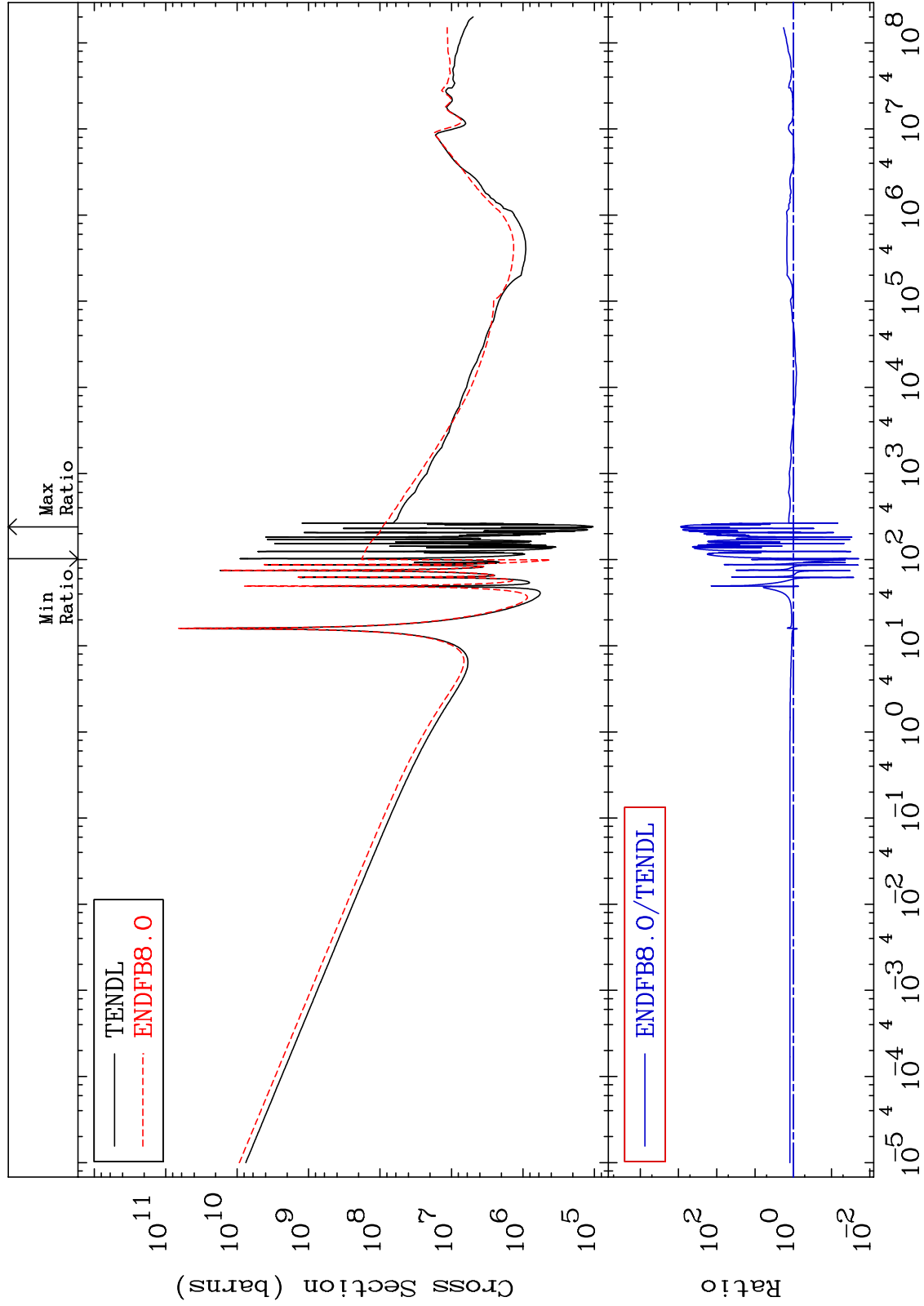
74-W -180
-97.08 To 9999. %



MAT 7425

Total photon (eV-barns)
Cross Section

74-W -180
-98.03 To 9999. %



30

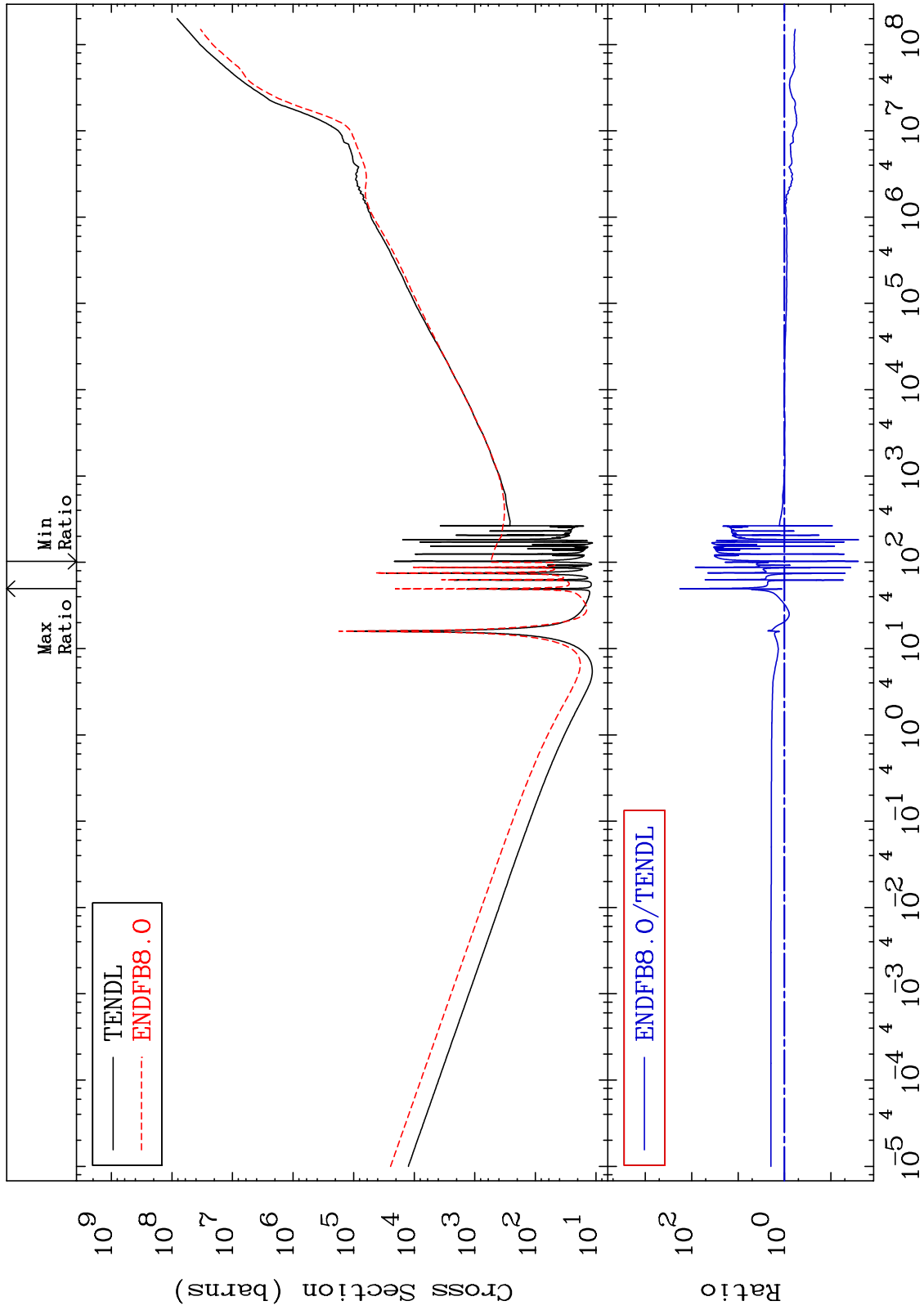
Incident Energy (eV)

74-W -180

MAT 7425

Total kinematic kerma (high limit)
Cross Section

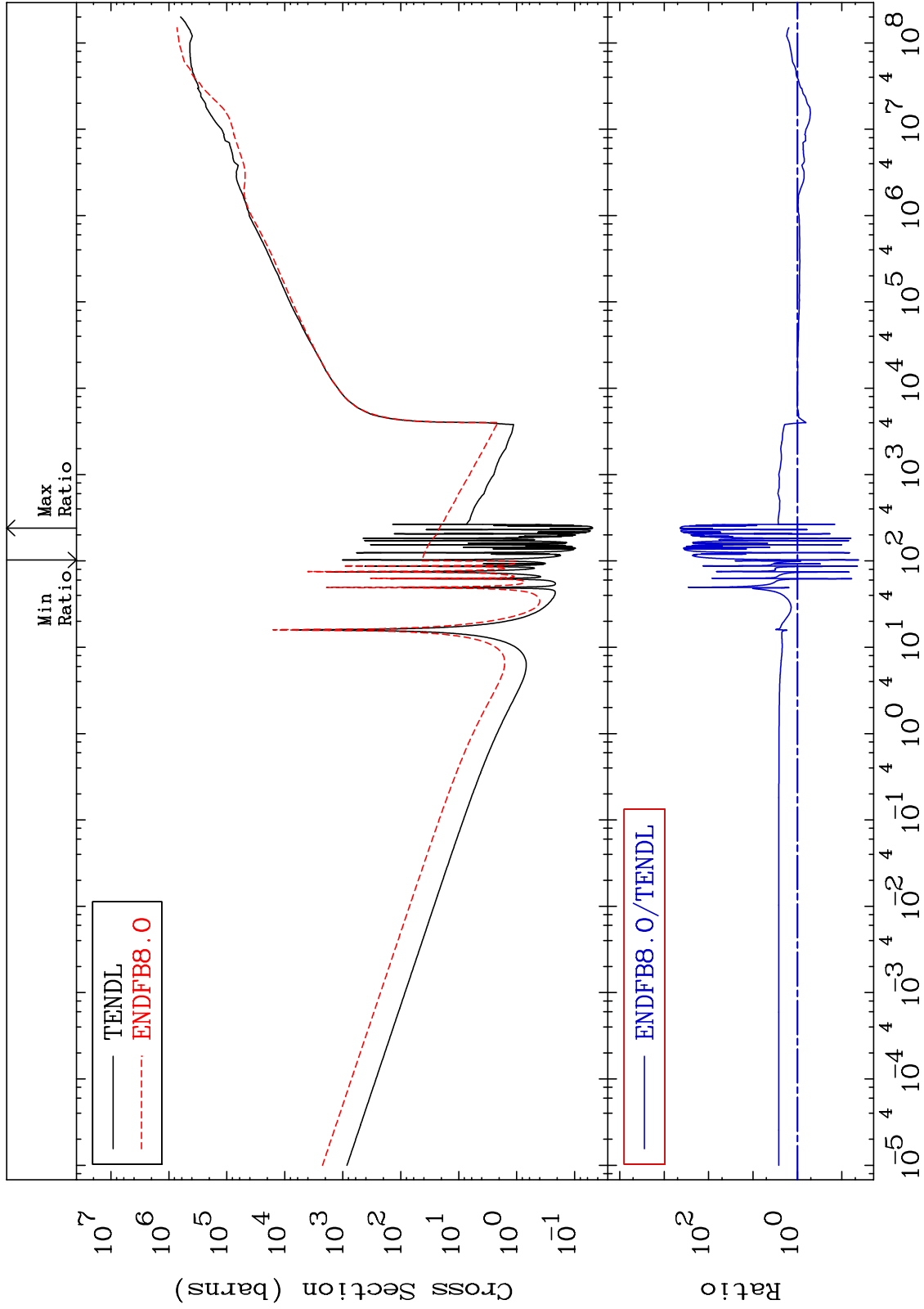
74-W -180
-97.45 To 9999. %



MAT 7425

Dpa total (eV-barns)
Cross Section

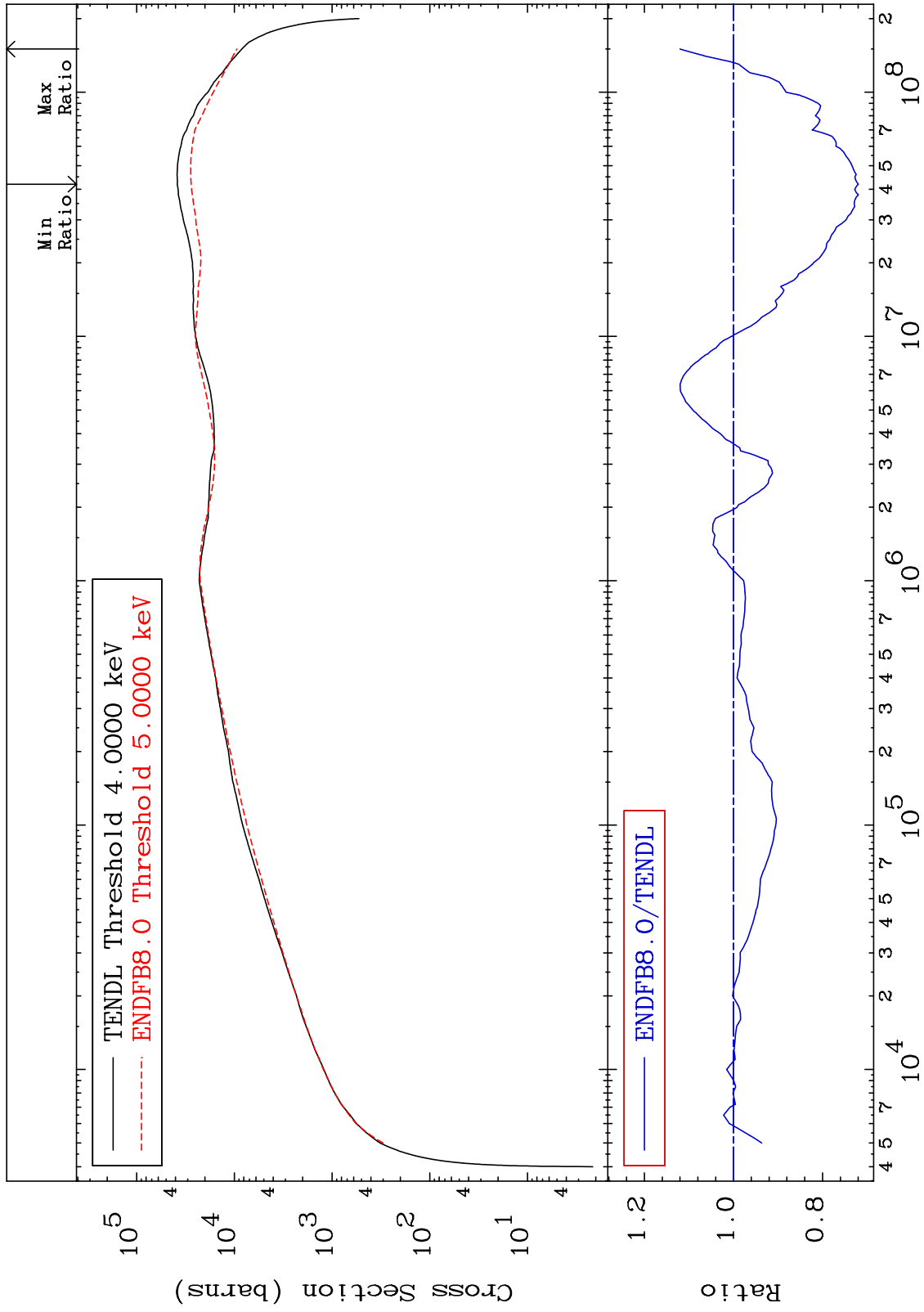
74-W -180
-95.76 To 9999. %



MAT 7425

Dpa elastic (mt2)
Cross Section

74-W -180
-28.05 To 12.00 %



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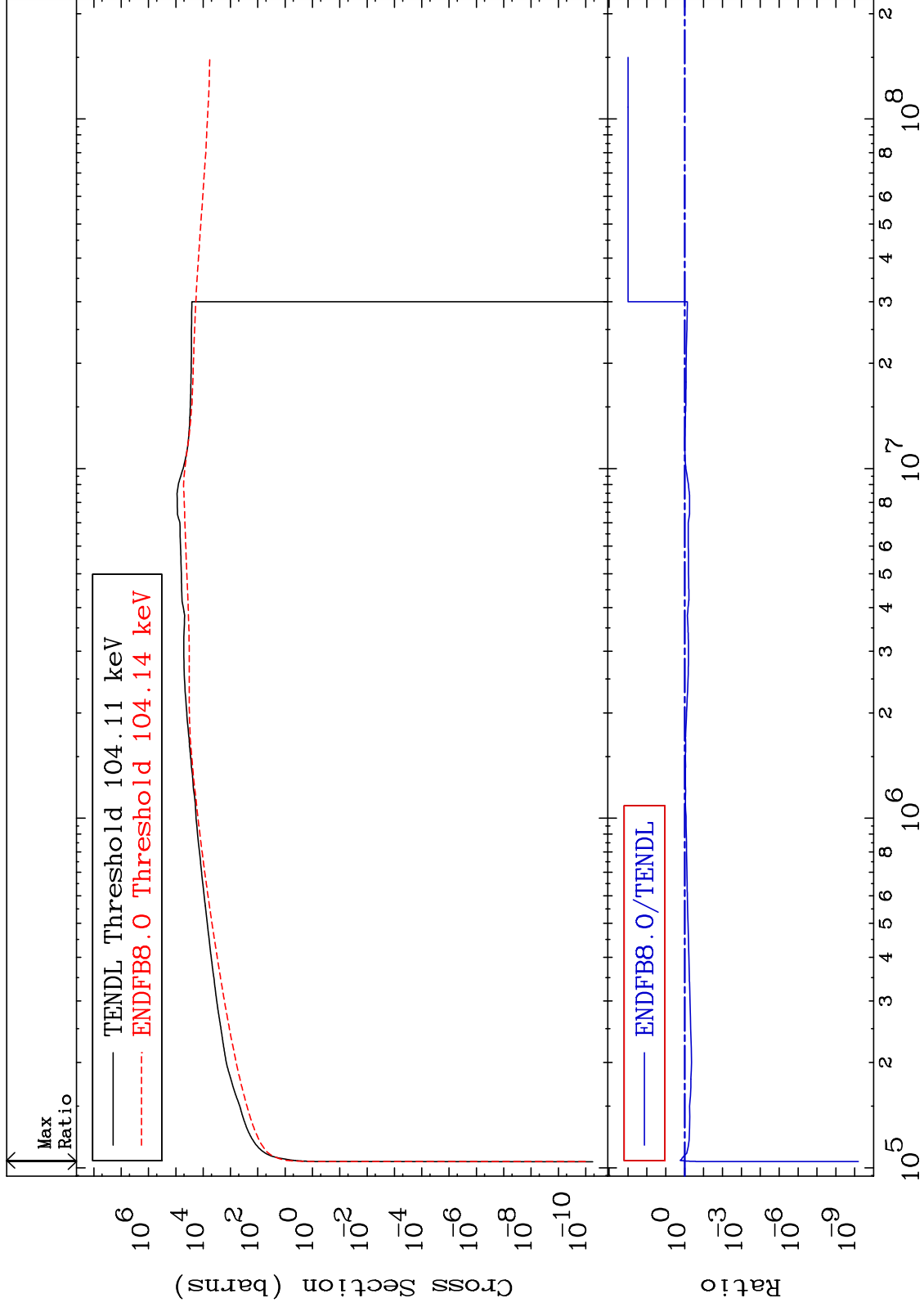
Incident Energy (eV)

74-W -180

MAT 7425

Dpa inelastic (mt51-91)
Cross Section

74-W -180
-100.0 To 76.74 %



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Incident Energy (eV)

74-W -180

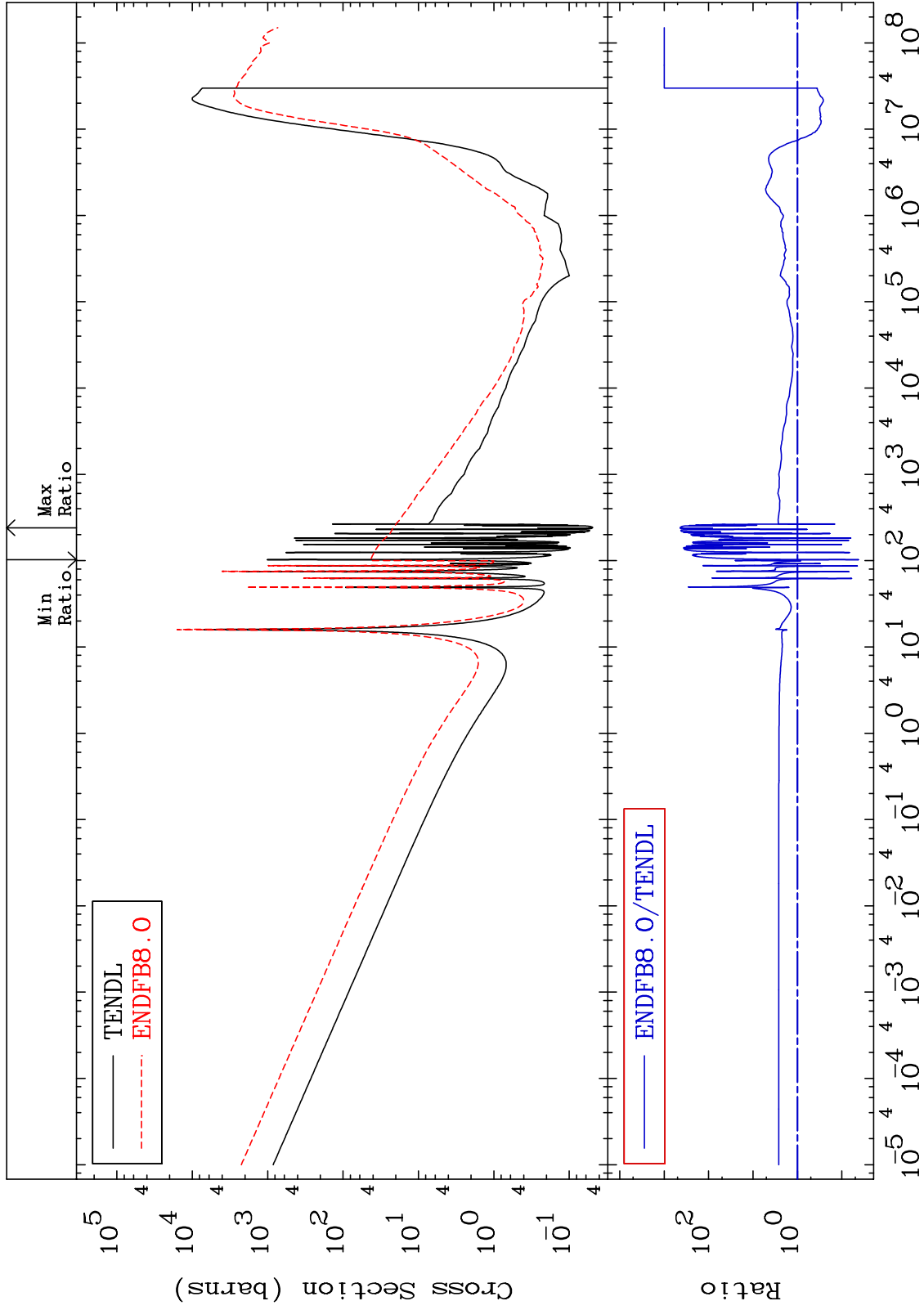
MAT 7425

Dpa disappearance (mt102 -120)

74-W -180

-95.76 To 9999. %

Cross Section



35

Incident Energy (eV)

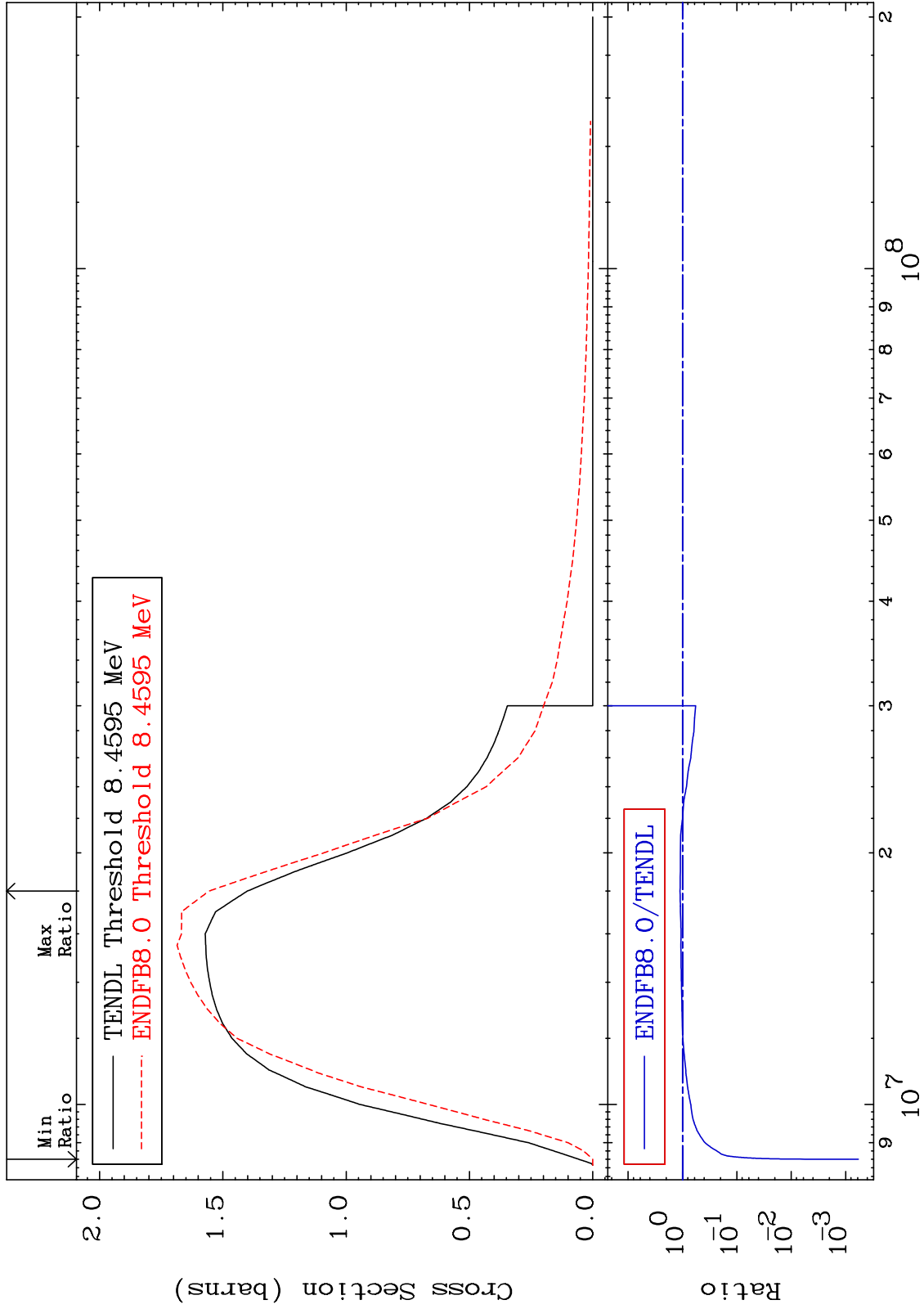
74-W -180

MAT 7425

(n,2n):74-W -179g

74-W -180

Radionuclide Production Cross Section -99.94 To 11.11 %

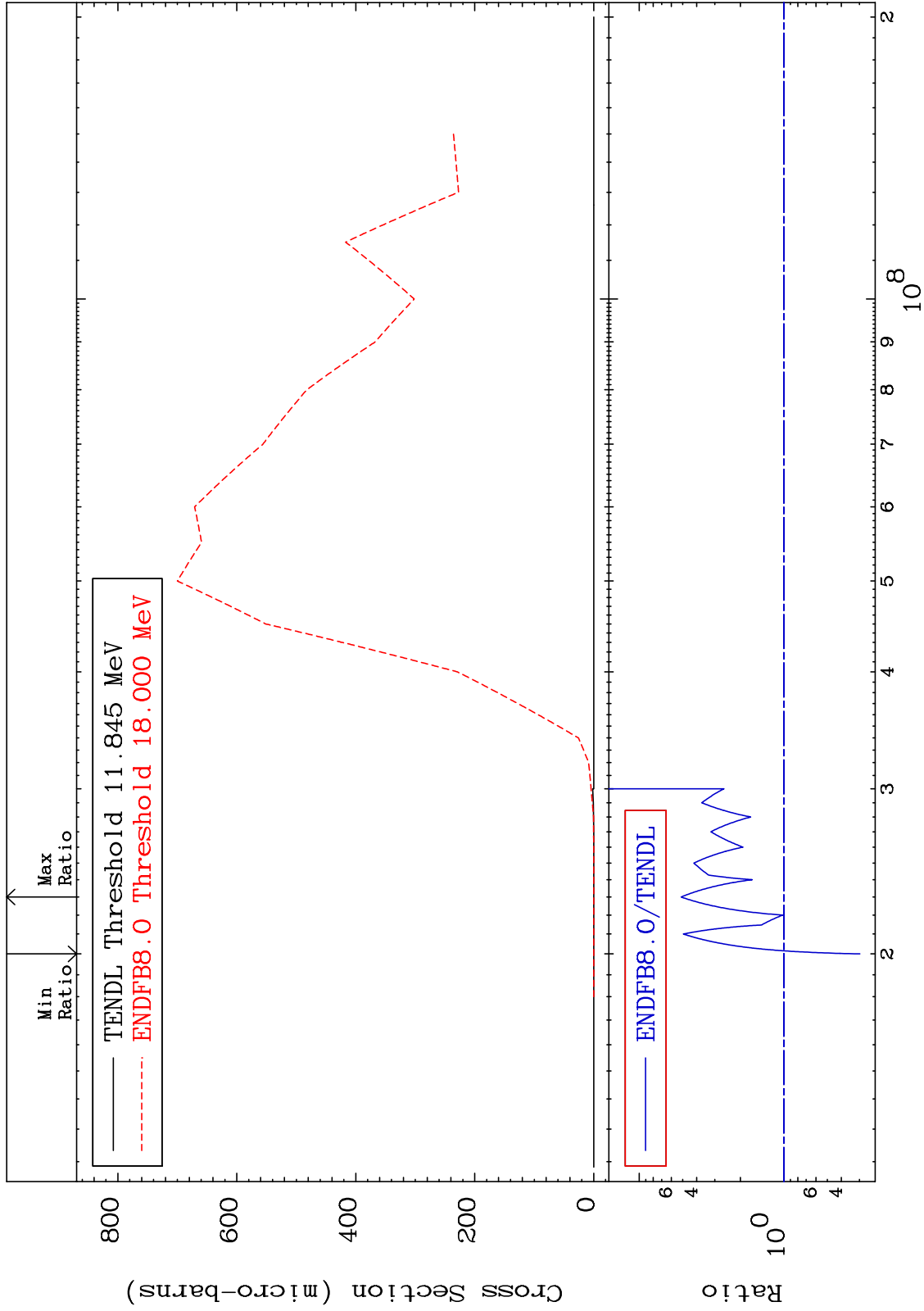


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Incident Energy (eV)

74-W -180

Radionuclide Production Cross Section -70.26 To 412.4 %

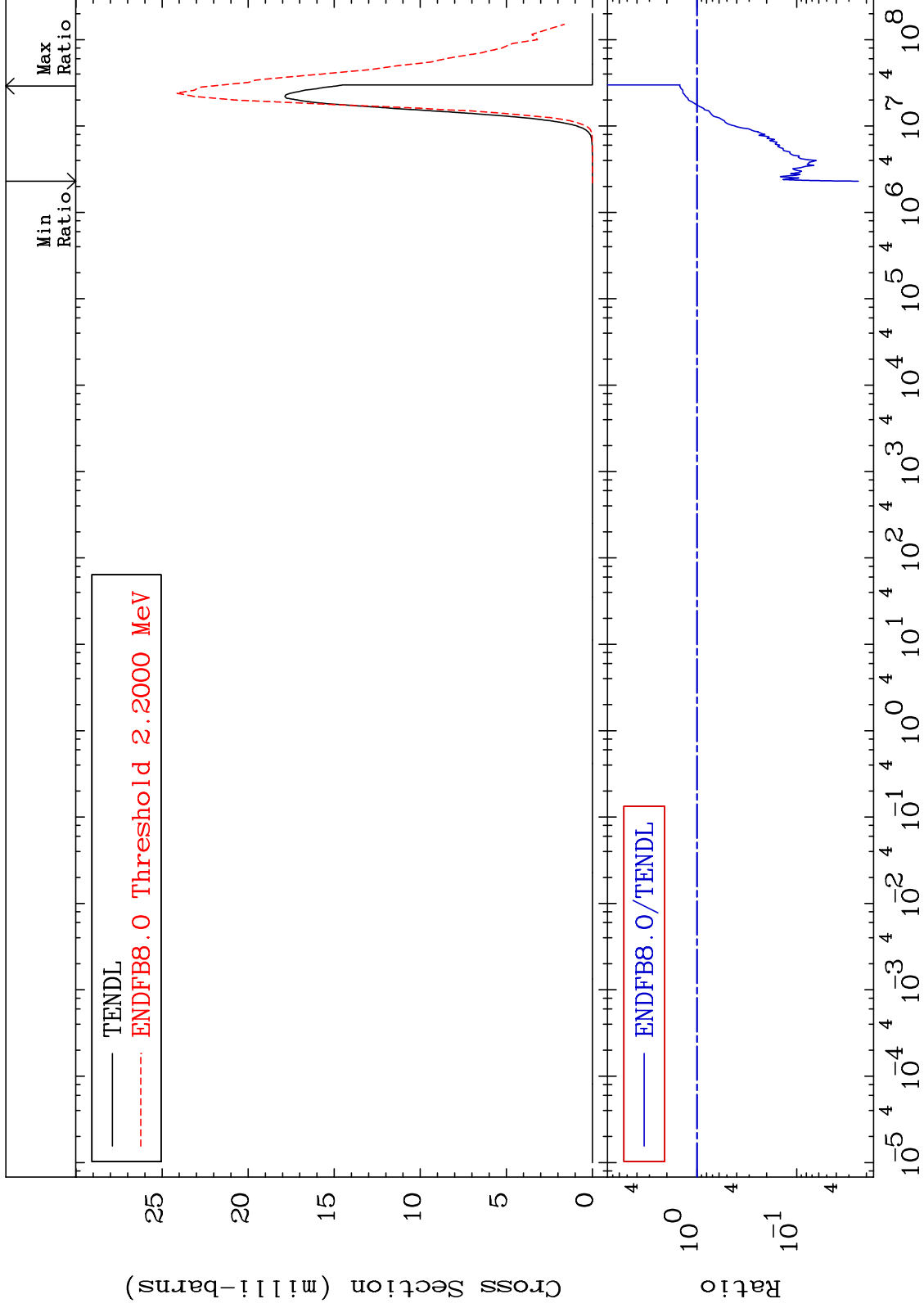


MAT 7425

(n,p): 73-Ta-180g

74-W -180

Radionuclide Production Cross Section -97.59 To 48.53 %



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Incident Energy (eV)

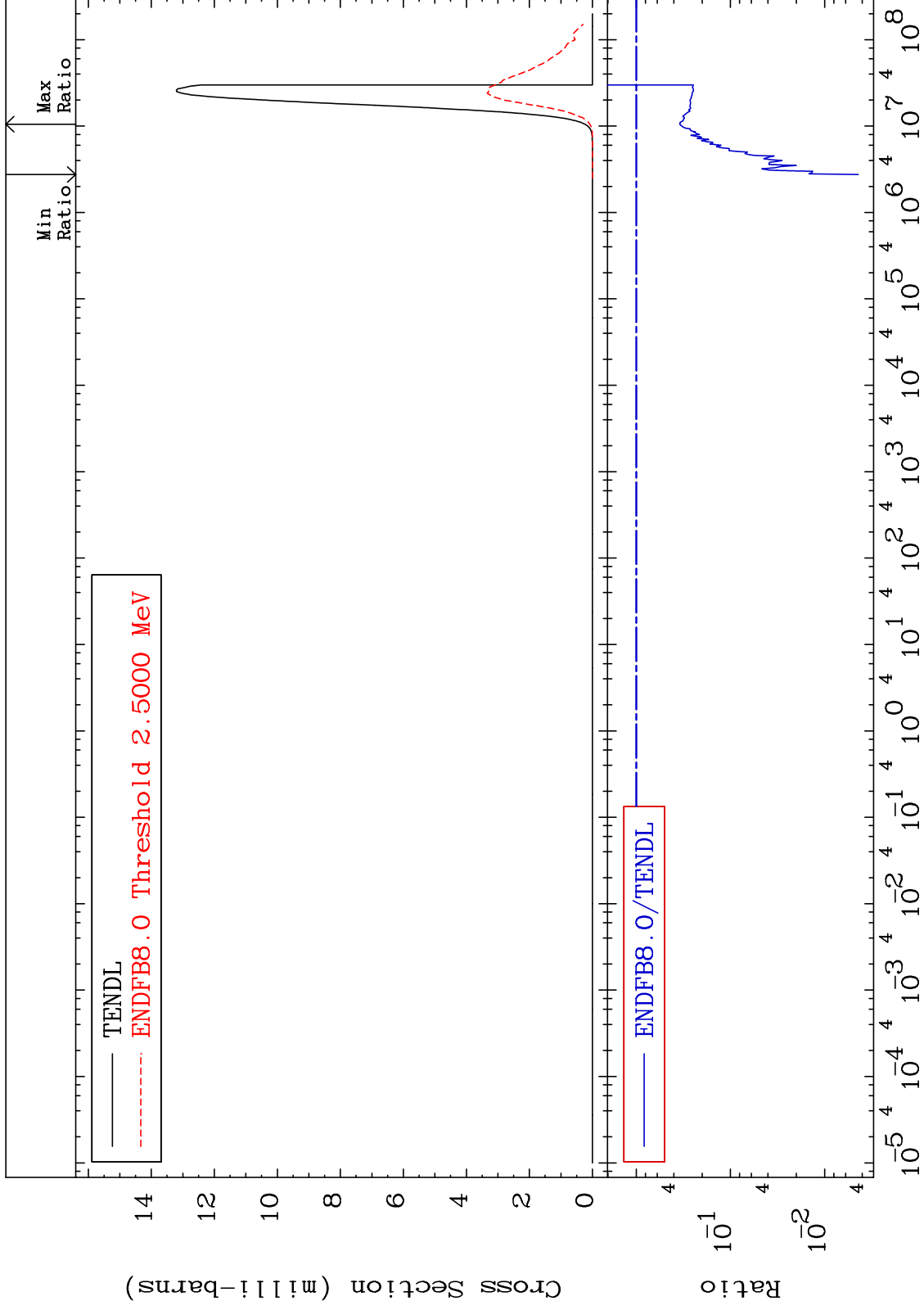
74-W -180

MAT 7425

(n, p) : 73-Ta-180m2

74-W -180

Radionuclide Production Cross Section -99.56 To -65.48%



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Radionuclide Production Cross Section

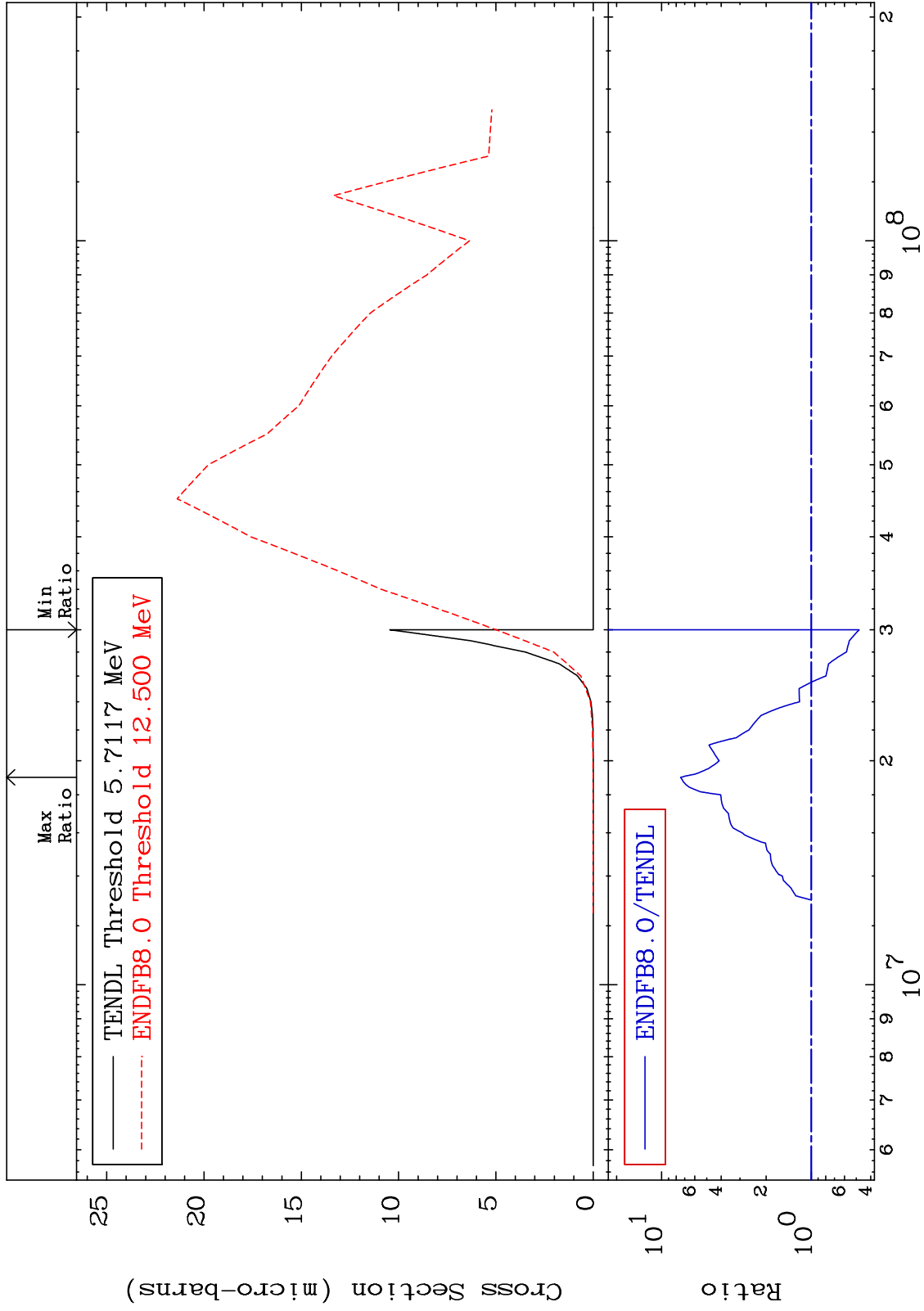
74-W -180

MAT 7425

(n,2p) : 72-Hf-179g

74-W -180

Radionuclide Production Cross Section -52.20 To 646.3 %



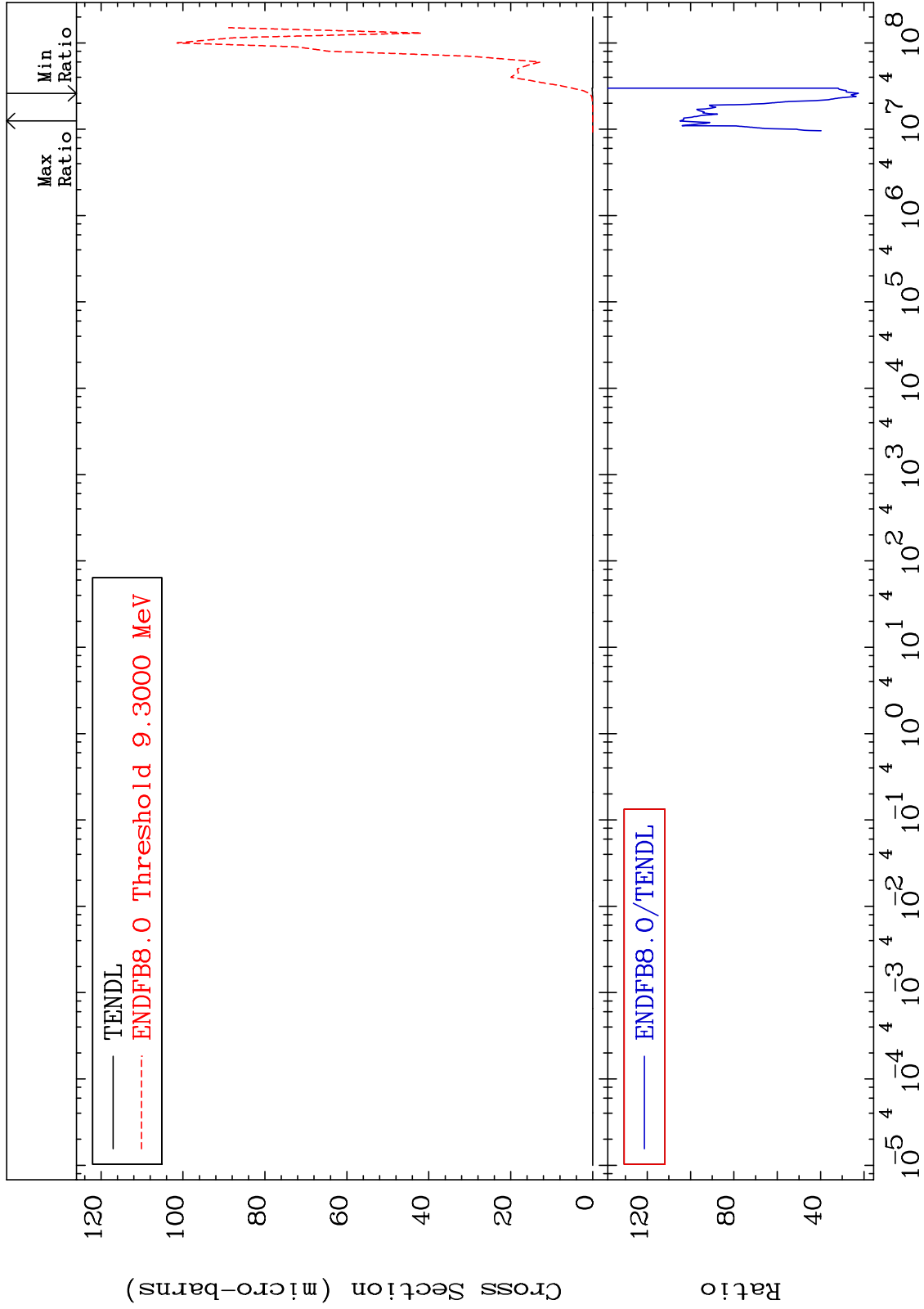
40

74-W -180

MAT 7425

(n, p) α : 71-Lu-176g
Radionuclide Production Cross Section 2157. To 9999. %

74-W -180



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Incident Energy (eV)

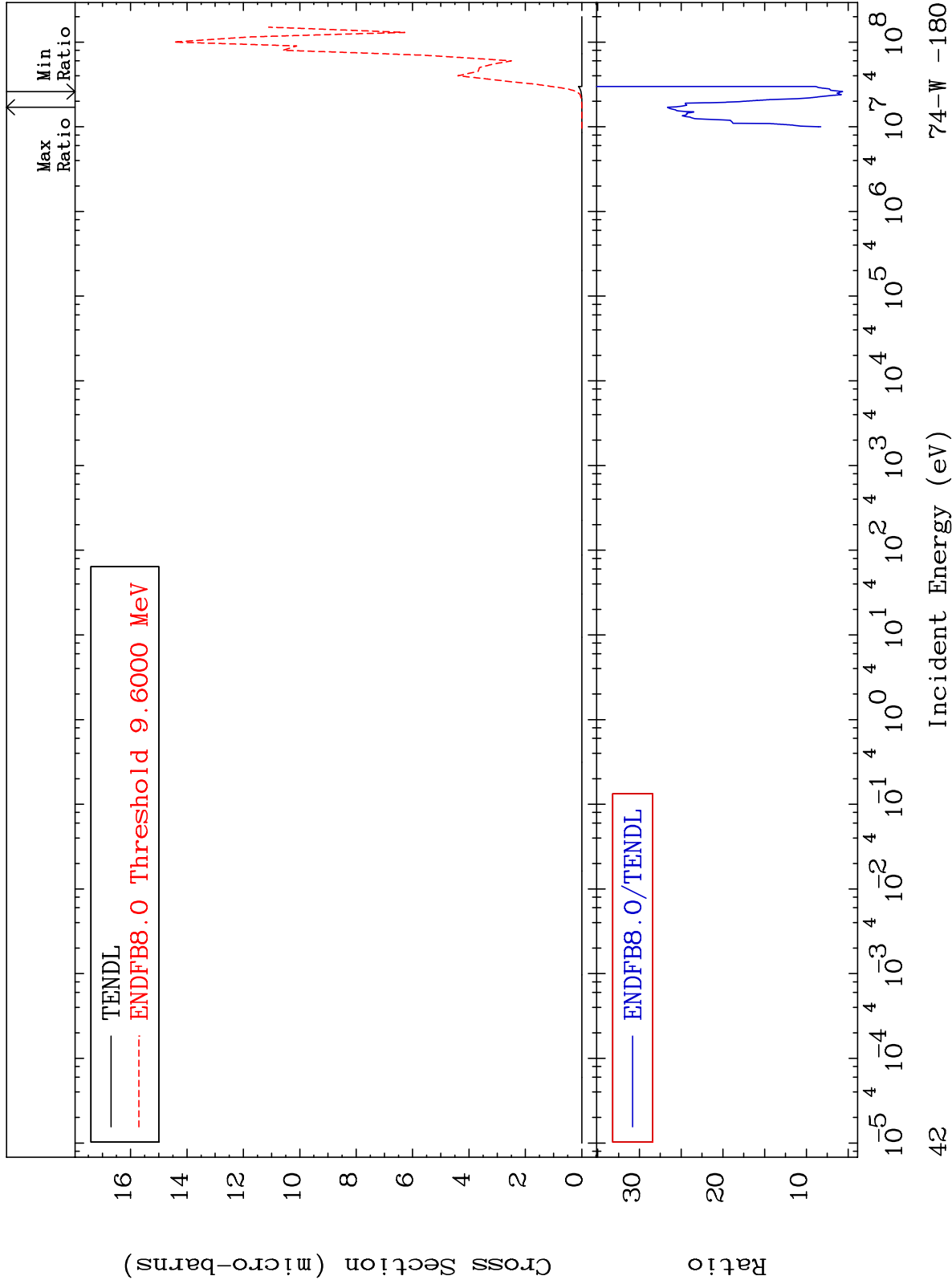
74-W -180

MAT 7425

(n, p) α :71-Lu-176m1

74-W -180

Radionuclide Production Cross Section 465.0 To 2563. %



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Incident Energy (eV)

74-W -180