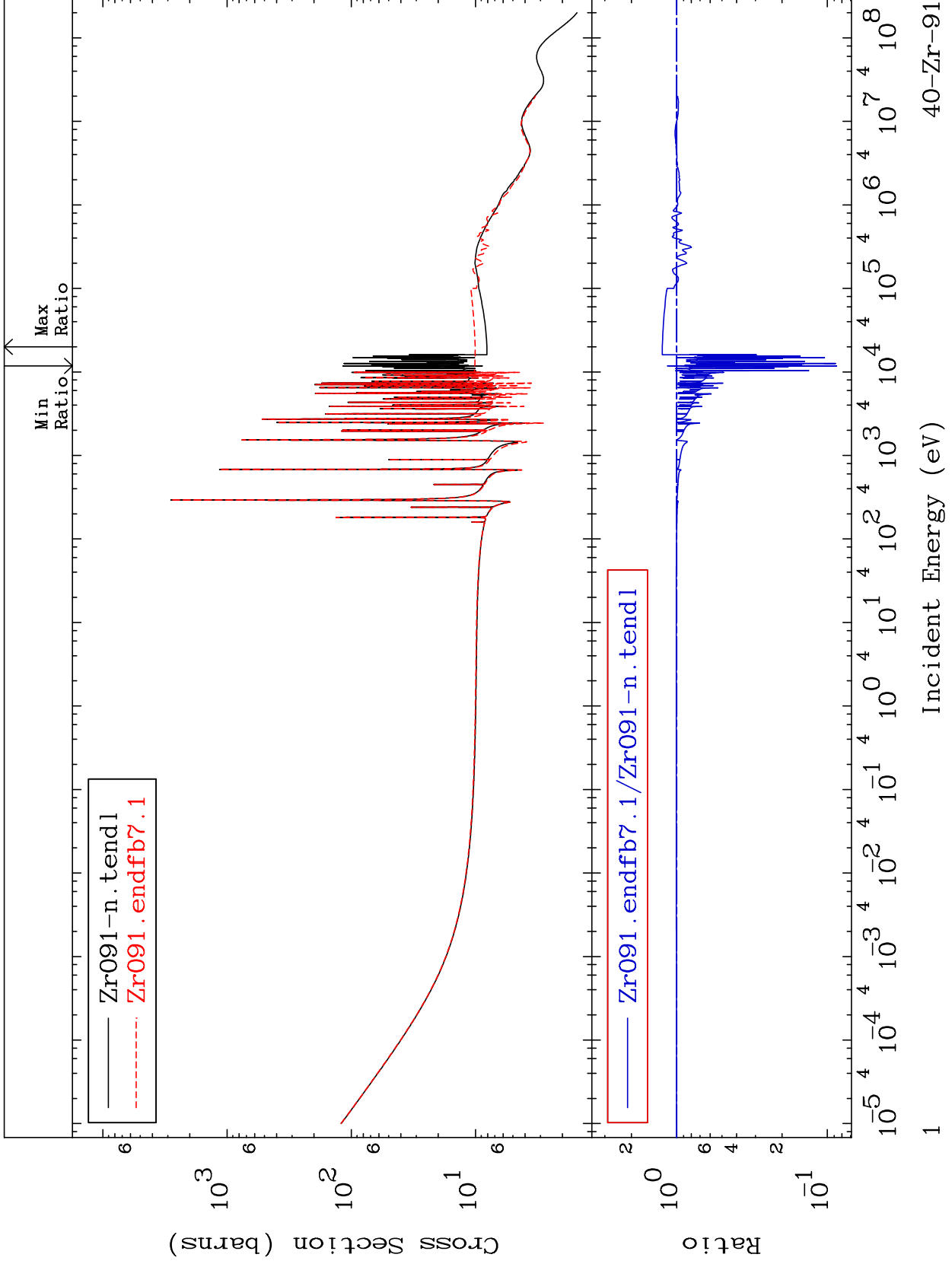


MAT 4028

Total
Cross Section

40-Zr-91
-91.33 To 24.65 %



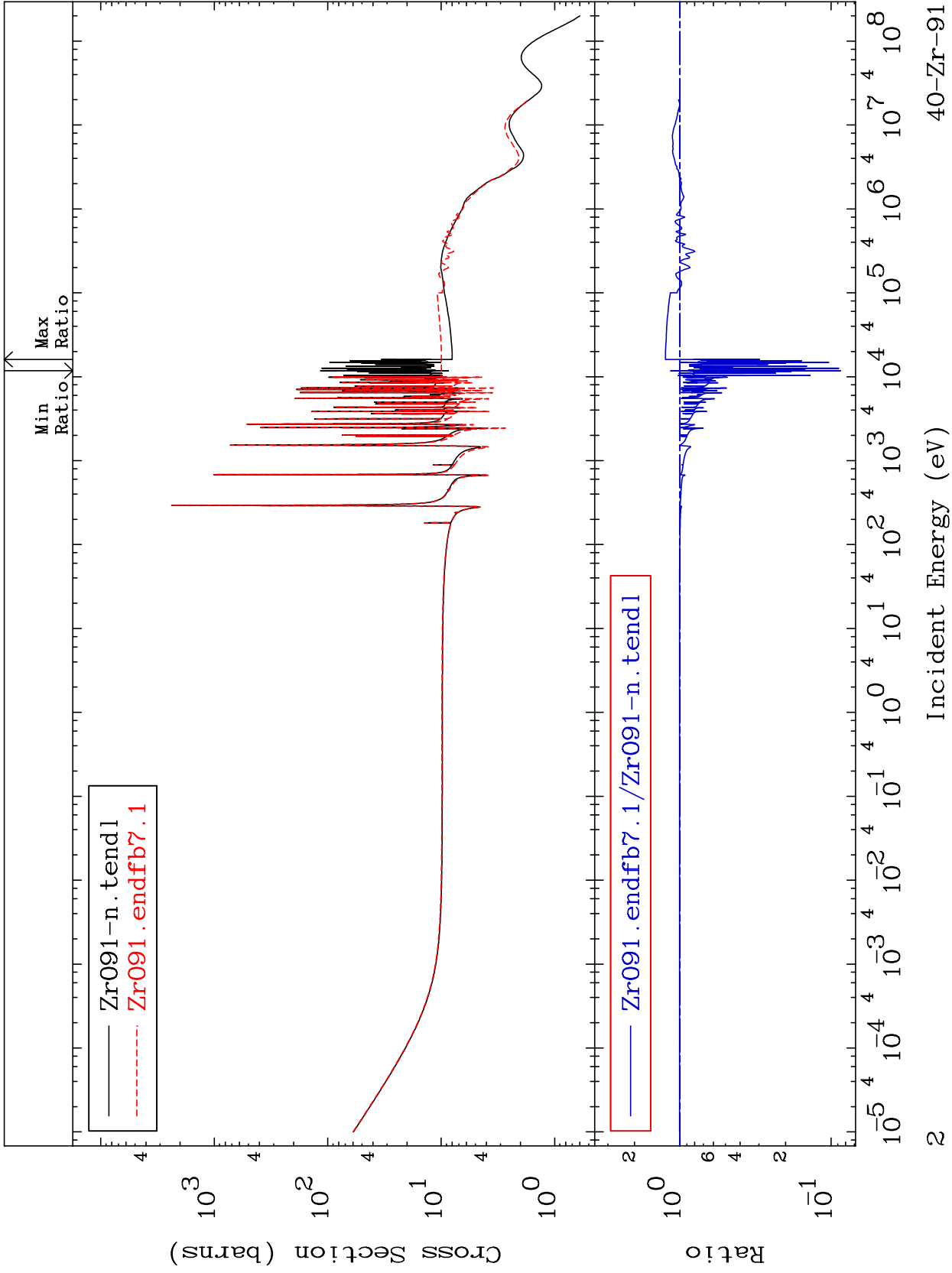
40-Zr-91

Incident Energy (eV)

MAT 4028

Elastic
Cross Section

40-Zr-91
-91.37 To 24.68 %

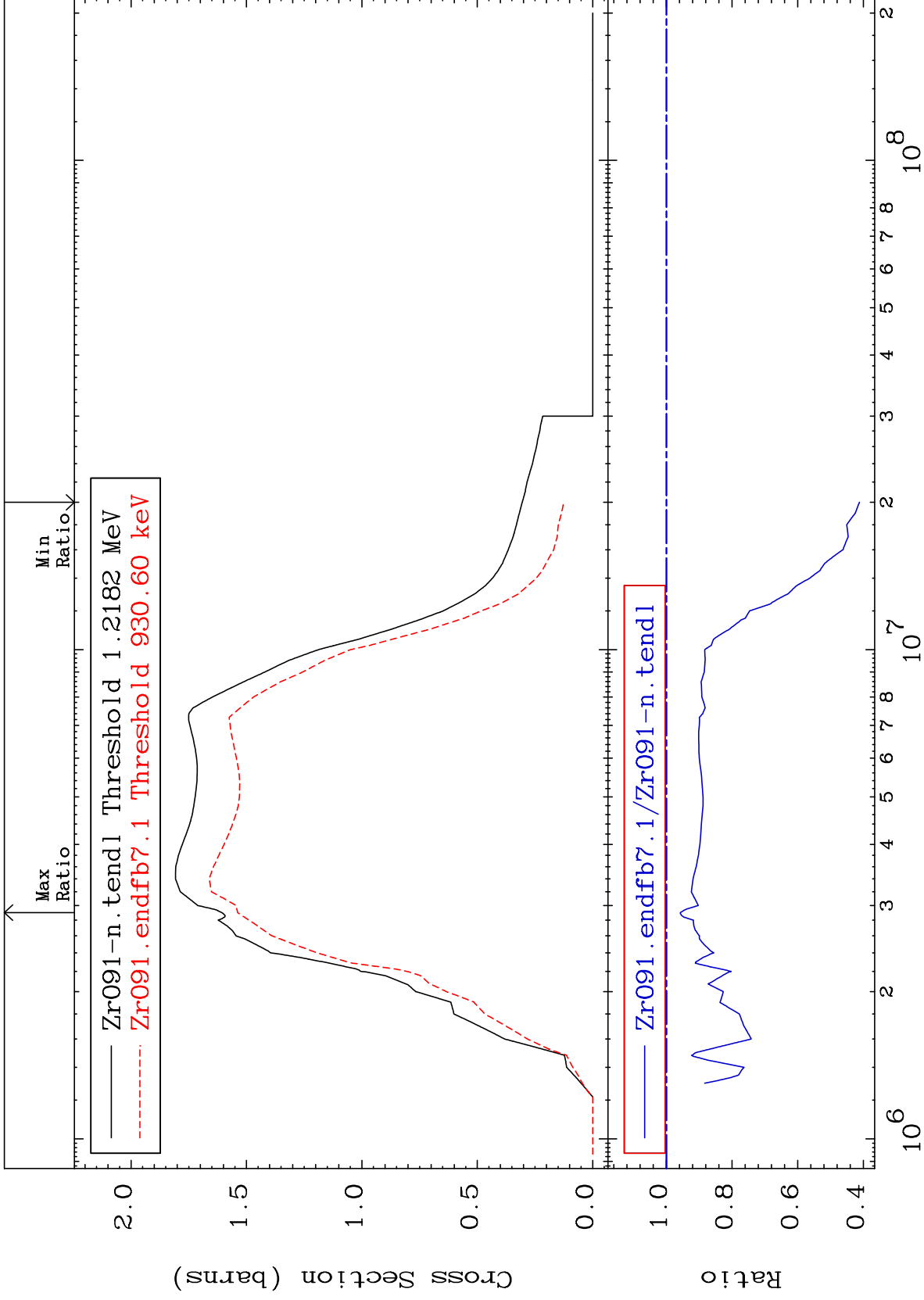


40-Zr-91

MAT 4028

Inelastic
Cross Section

40-Zr-91
-58.78 To -4.244%



Incident Energy (eV)

40-Zr-91

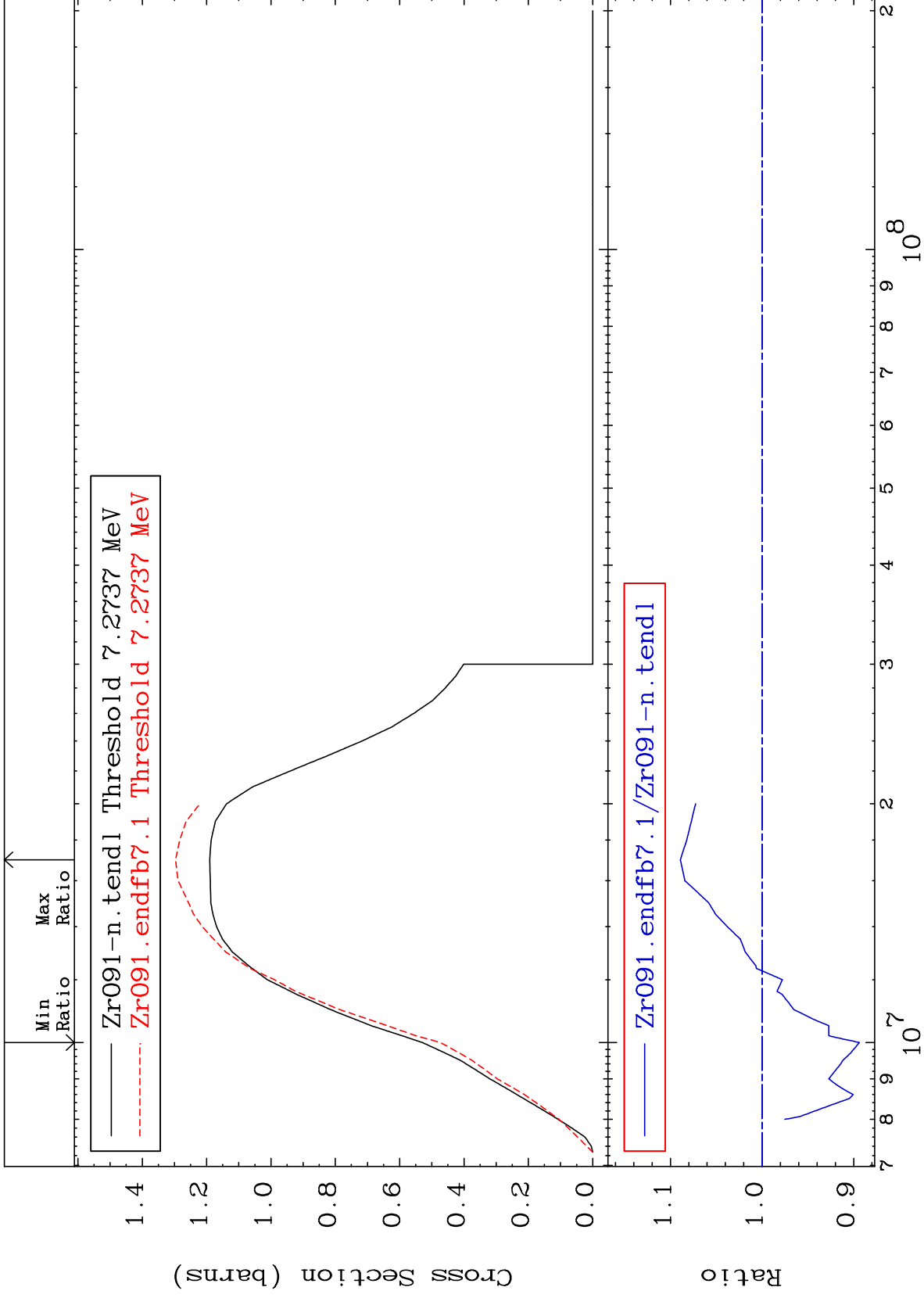
MAT 4028

(n,2n)

40-Zr-91

Cross Section

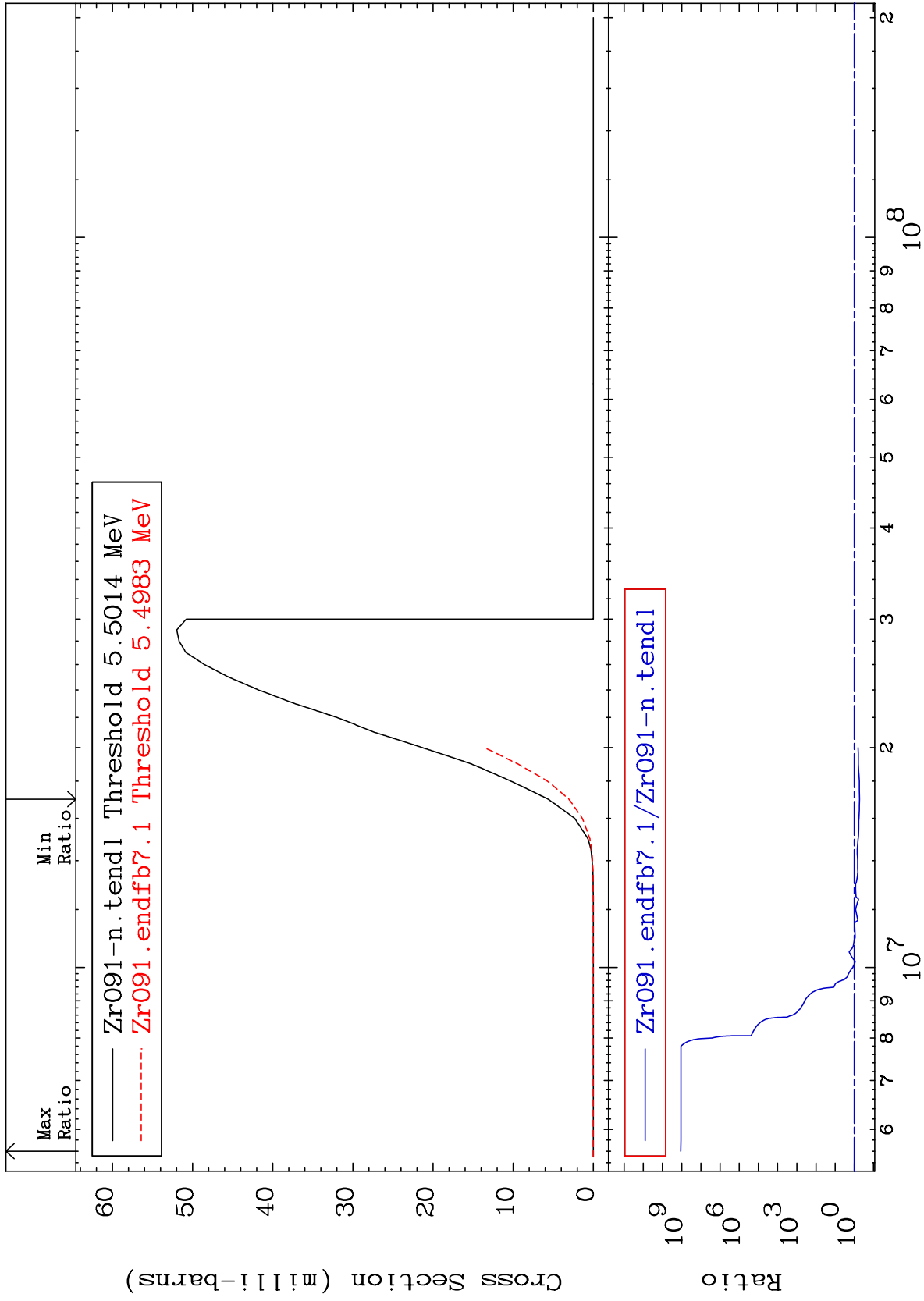
-10.62 To 8.917 %



MAT 4028

(n, n') α
Cross Section

40-Zr-91
-46.16 To 9999. %

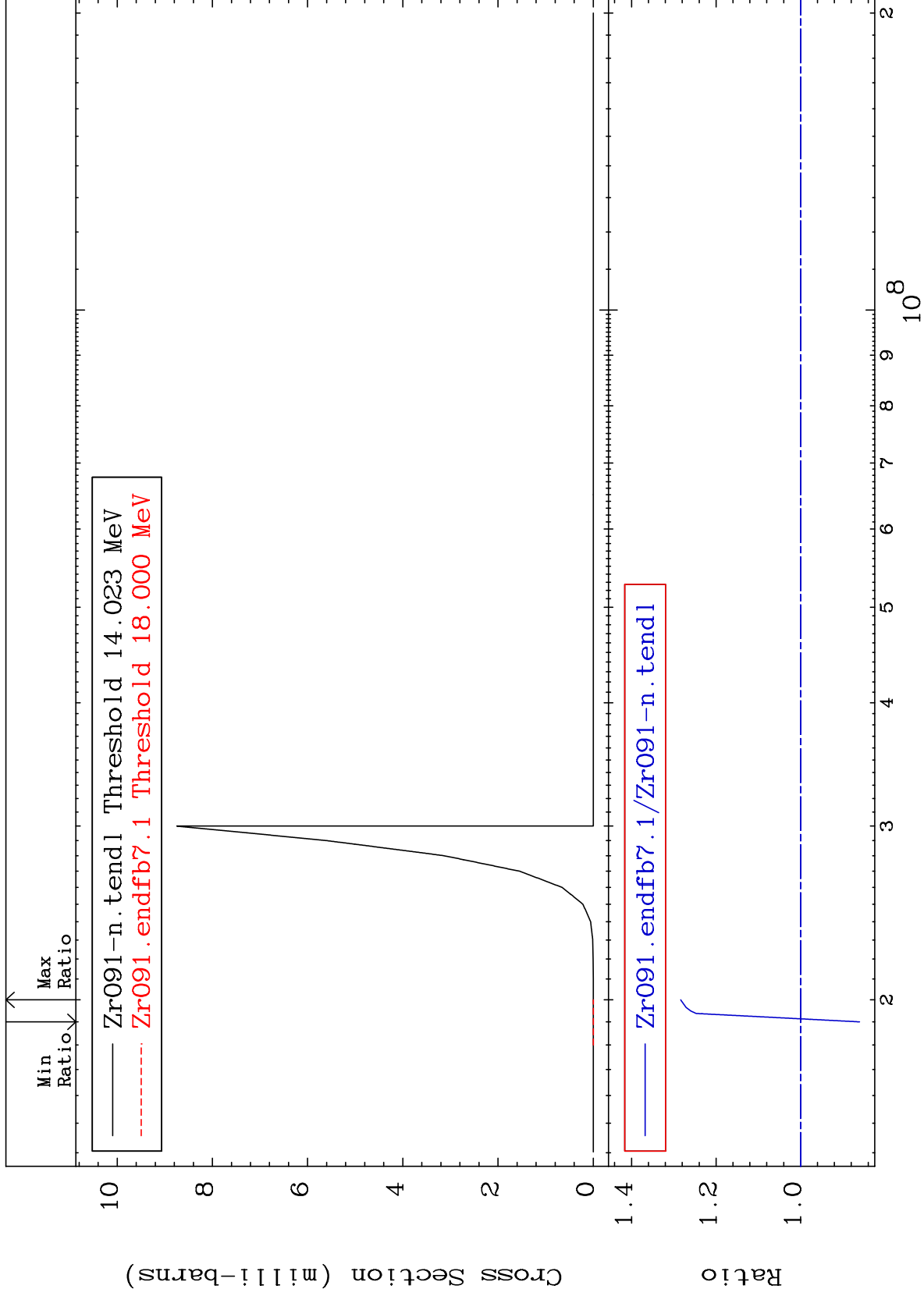


5

MAT 4028

(n,2n) α
Cross Section

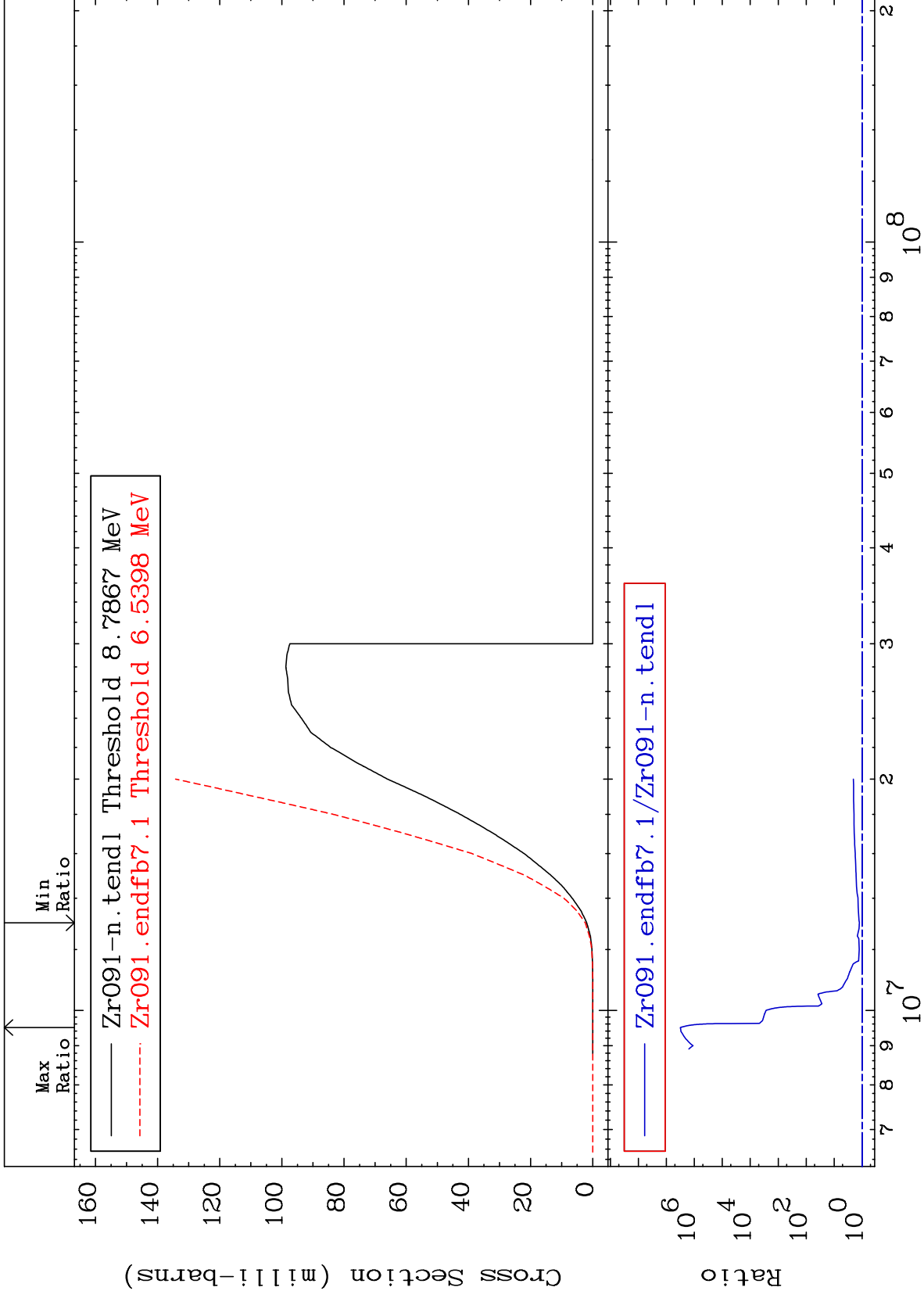
40-Zr-91
-13.95 To 28.35 %



MAT 4028

(n, n') p
Cross Section

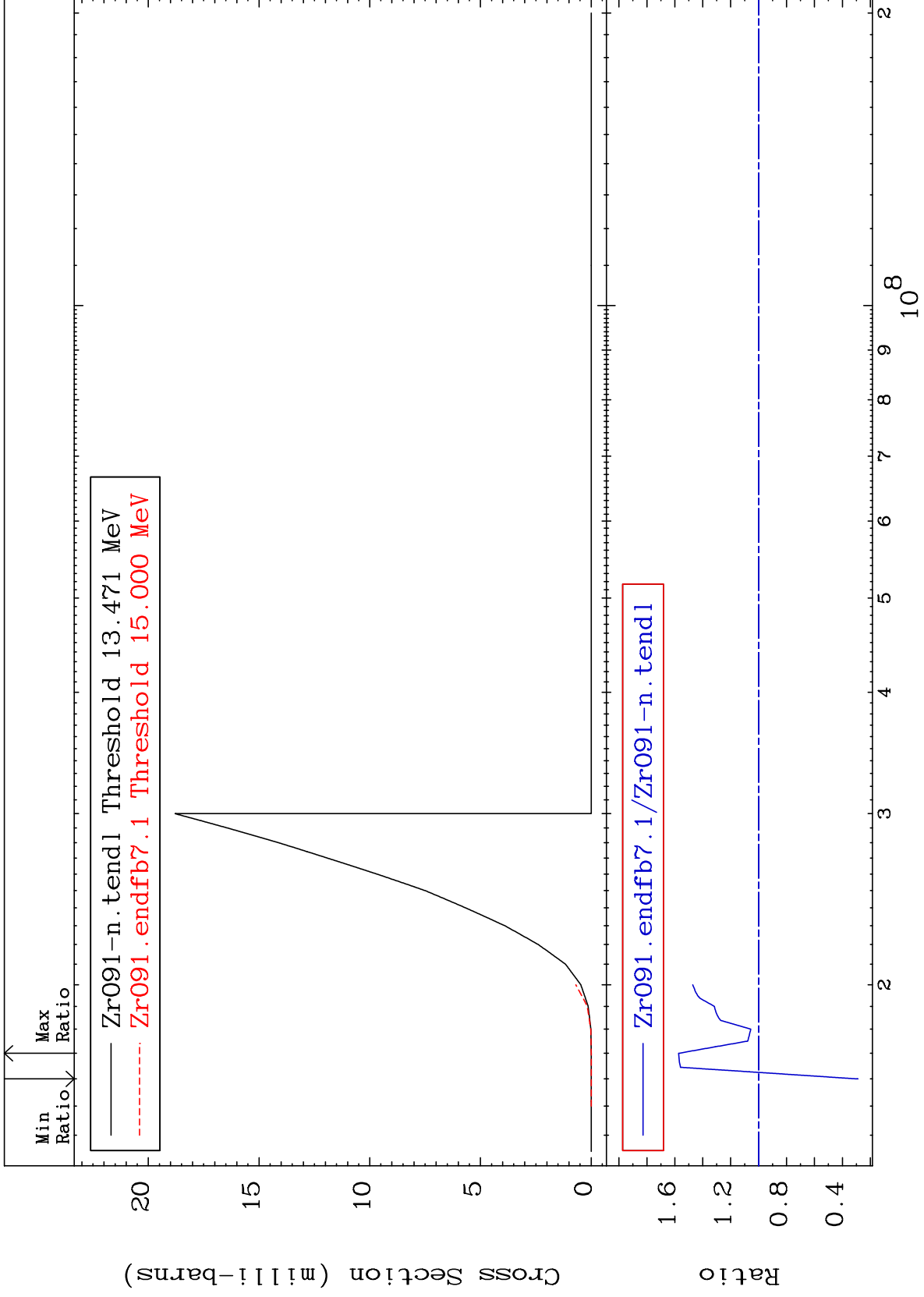
40-Zr-91
24.47 To 9999. %



MAT 4028

(n,n') d
Cross Section

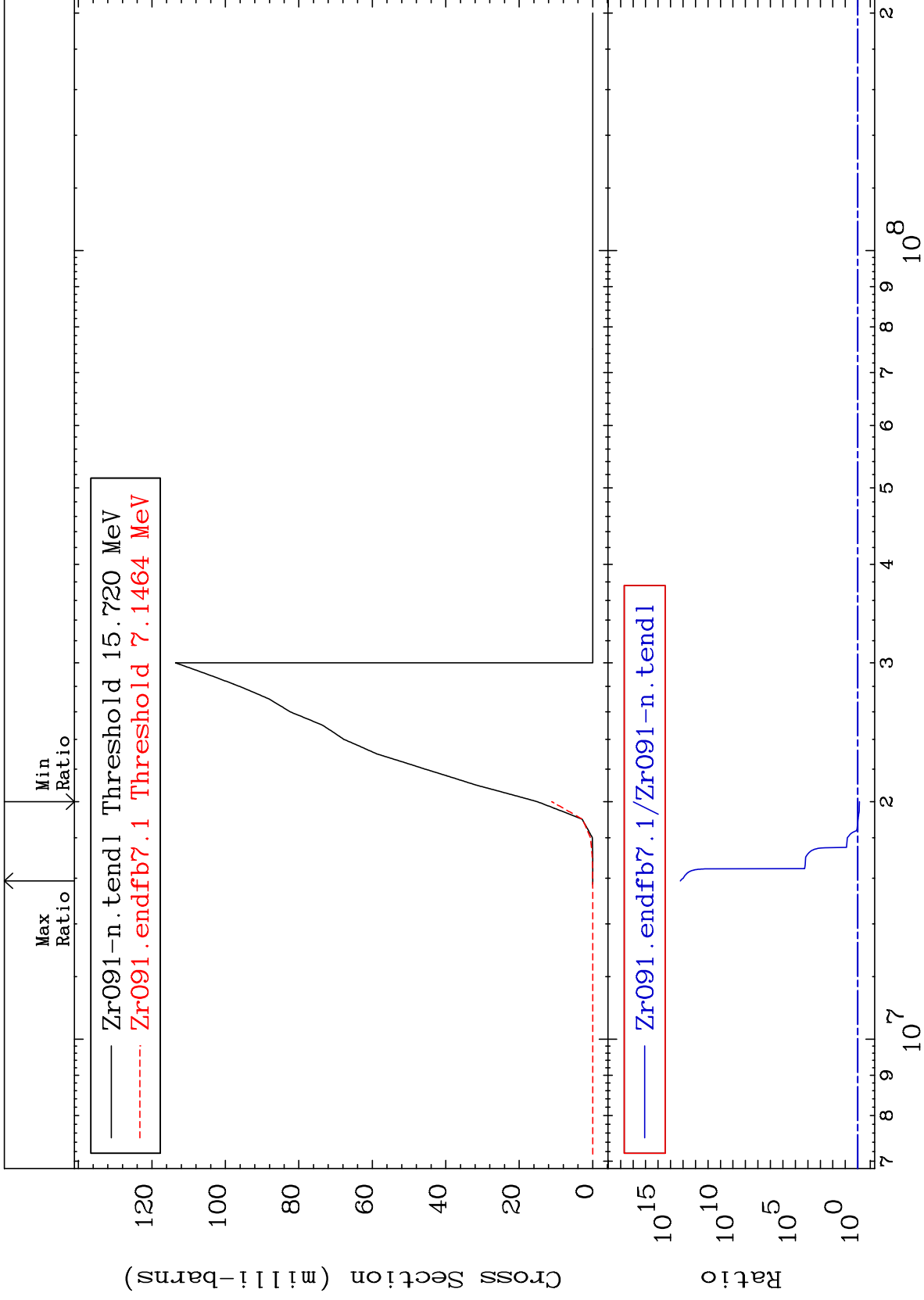
40-Zr-91
-70.64 To 57.26 %



MAT 4028

(n,2n) p
Cross Section

40-Zr-91
-26.00 To 9999. %



9

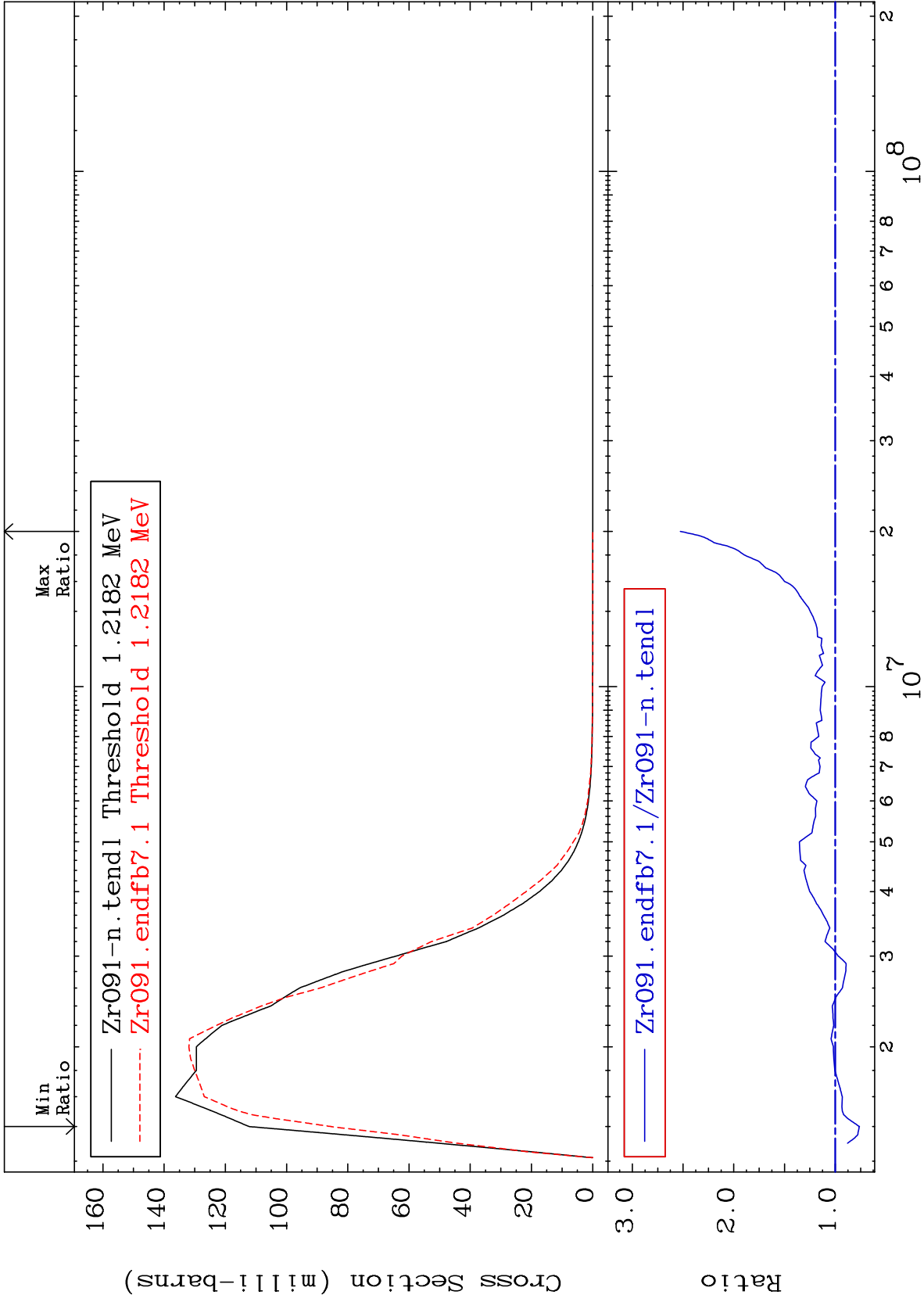
Incident Energy (eV)

40-Zr-91

MAT 4028

1.205 MeV (n,n') Level
Cross Section

40-Zr-91
-23.85 To 152.7 %



10

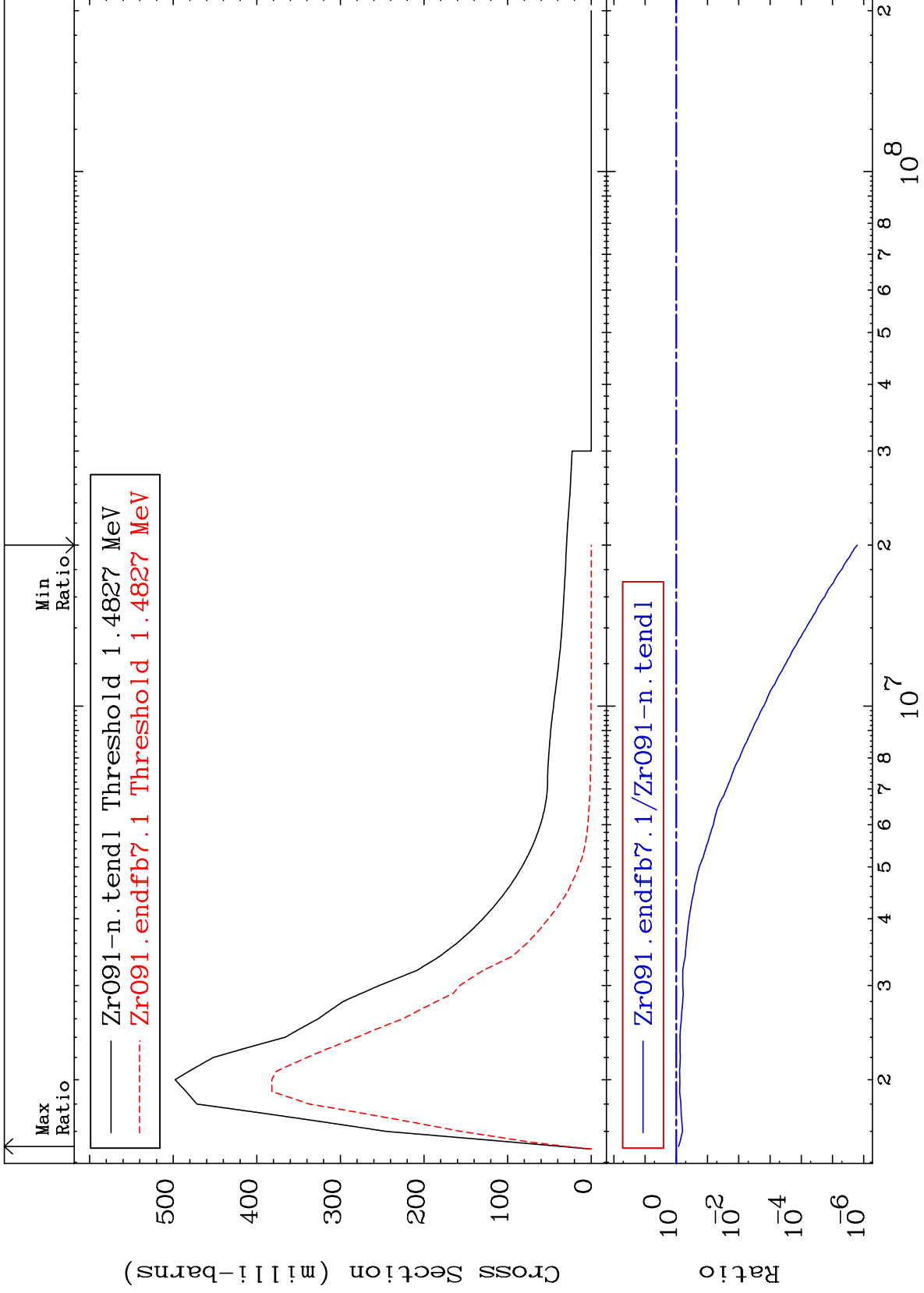
Incident Energy (eV)

40-Zr-91

MAT 4028

1.466 MeV (n,n') Level
Cross Section

40-Zr-91
-100.0 To -15.68%



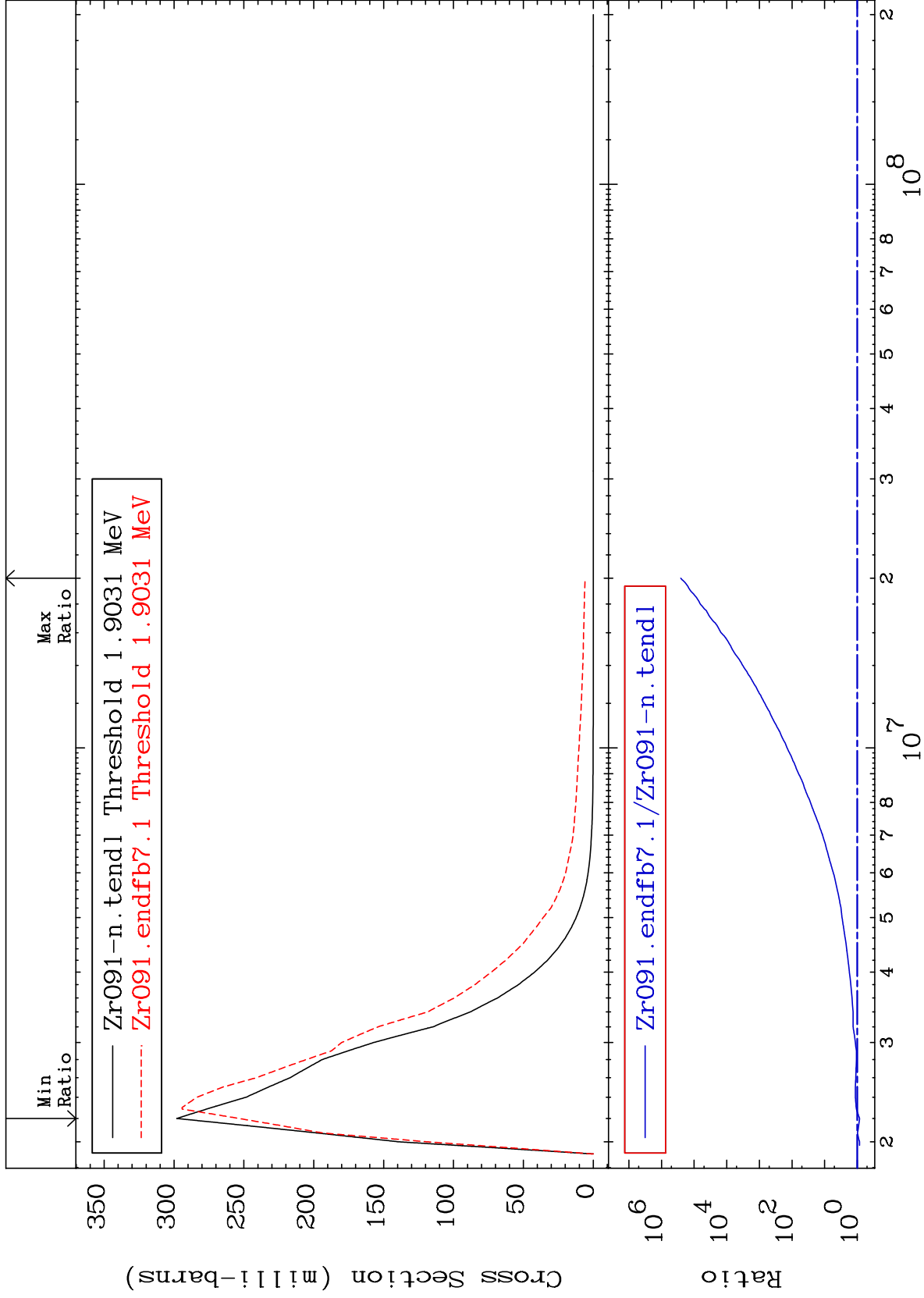
MAT 4028

1.882 MeV (n,n') Level

40-Zr-91

-14.98 To 9999. %

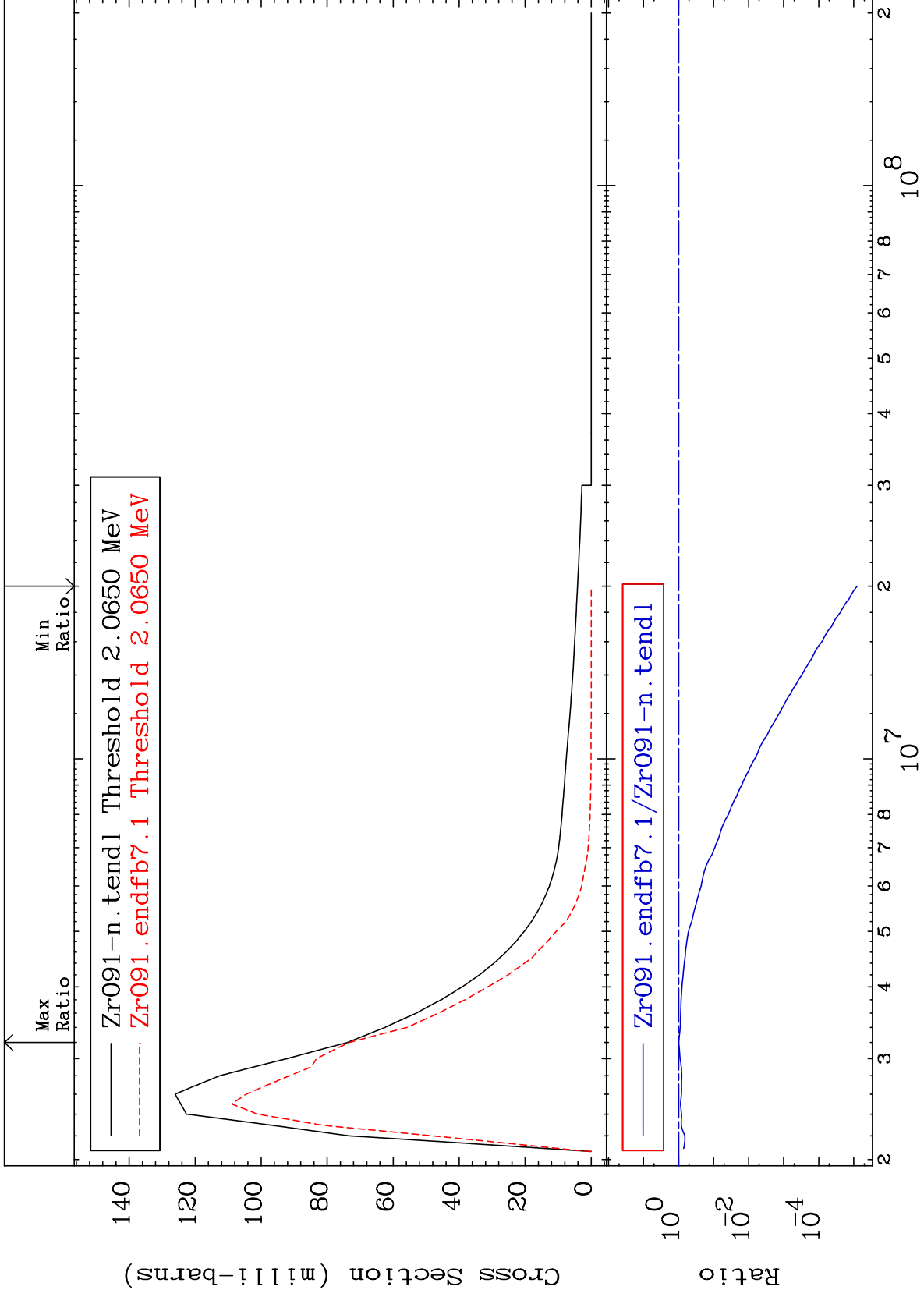
Cross Section



MAT 4028

2.042 MeV (n,n') Level
Cross Section

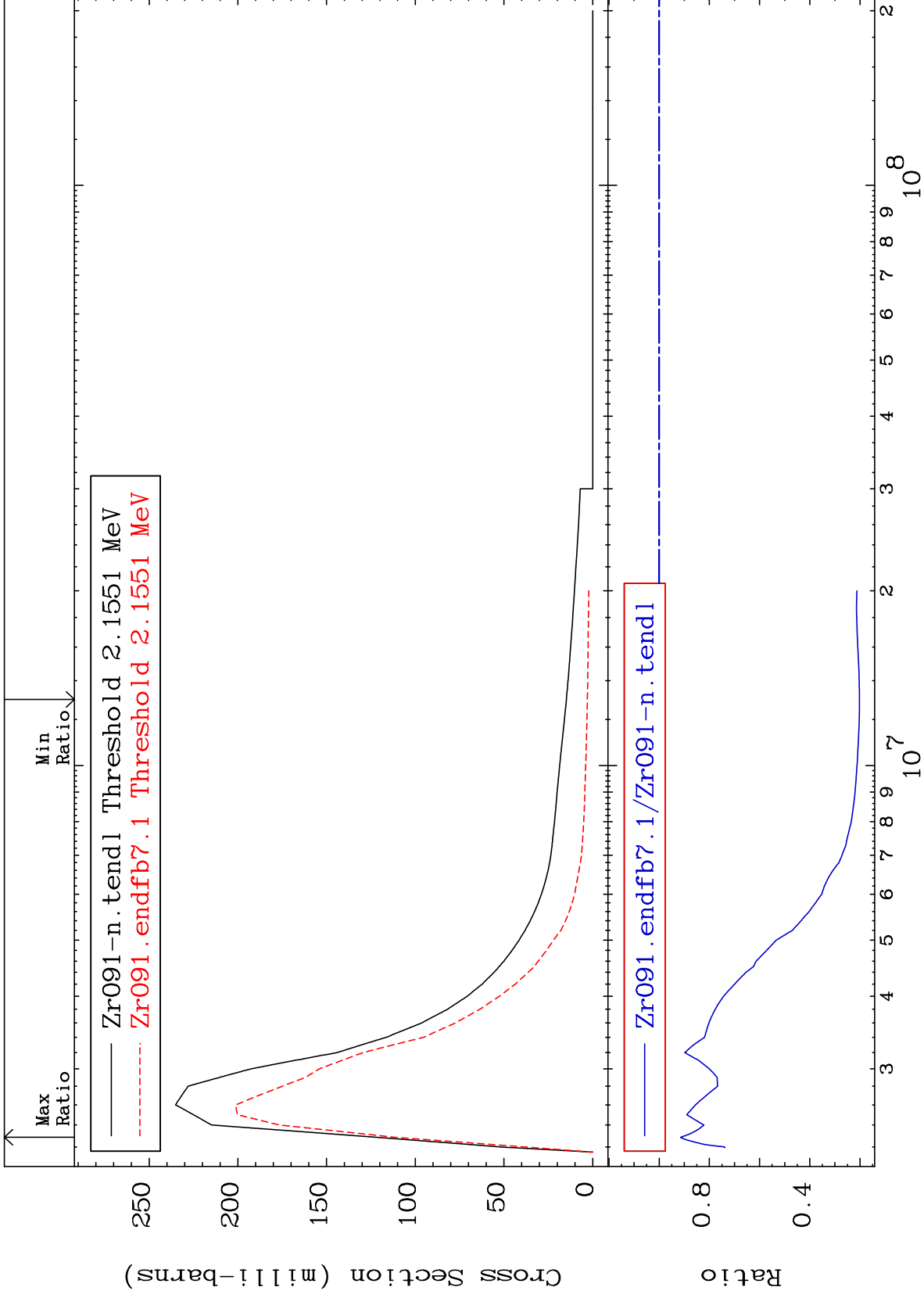
40-Zr-91
-100.0 To -0.627%



MAT 4028

2.131 MeV (n,n') Level
Cross Section

40-Zr-91
-79.77 To -8.441%



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Incident Energy (eV)

40-Zr-91

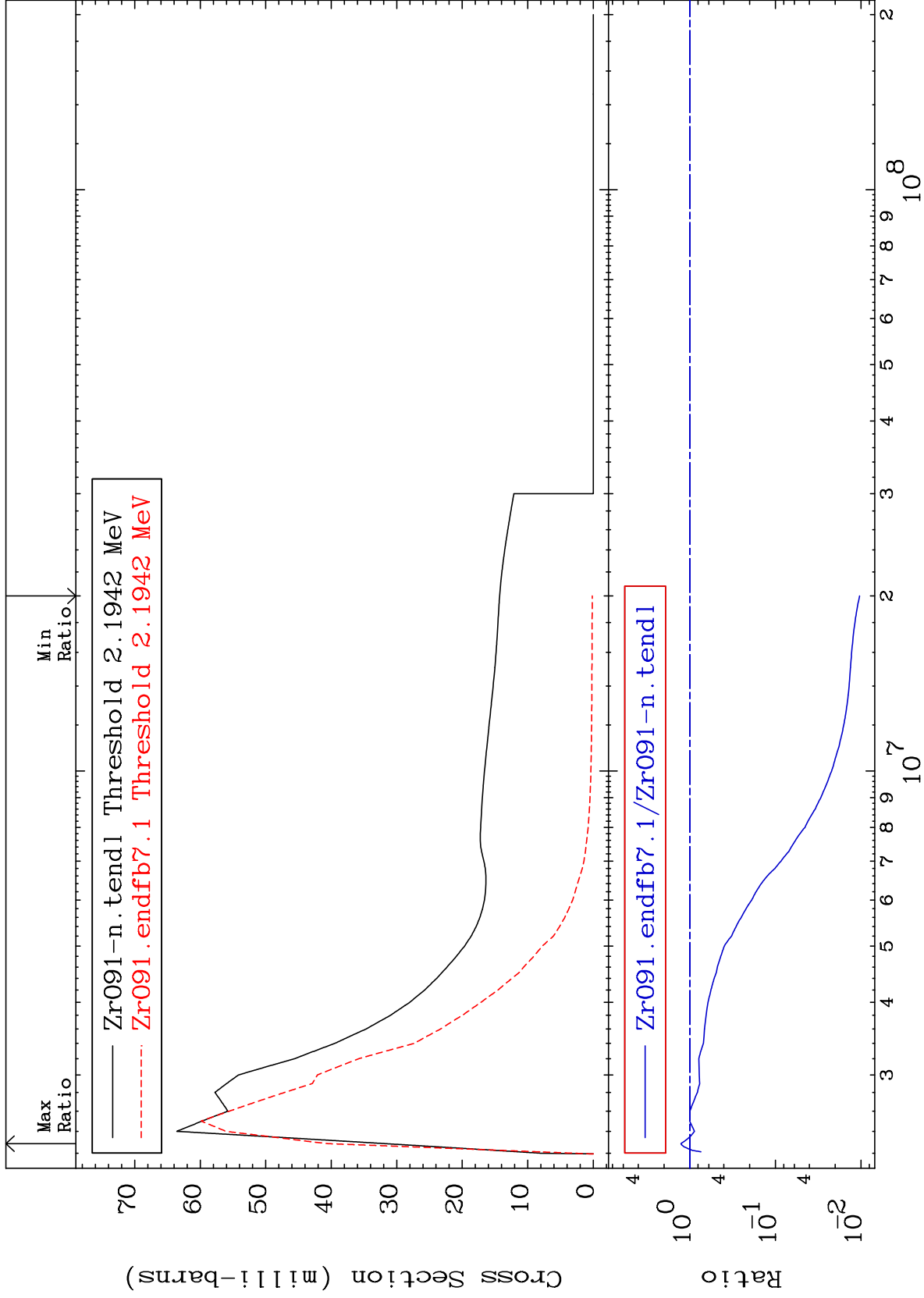
MAT 4028

2.170 MeV (n,n') Level

40-Zr-91

-98.96 To 27.46 %

Cross Section



15

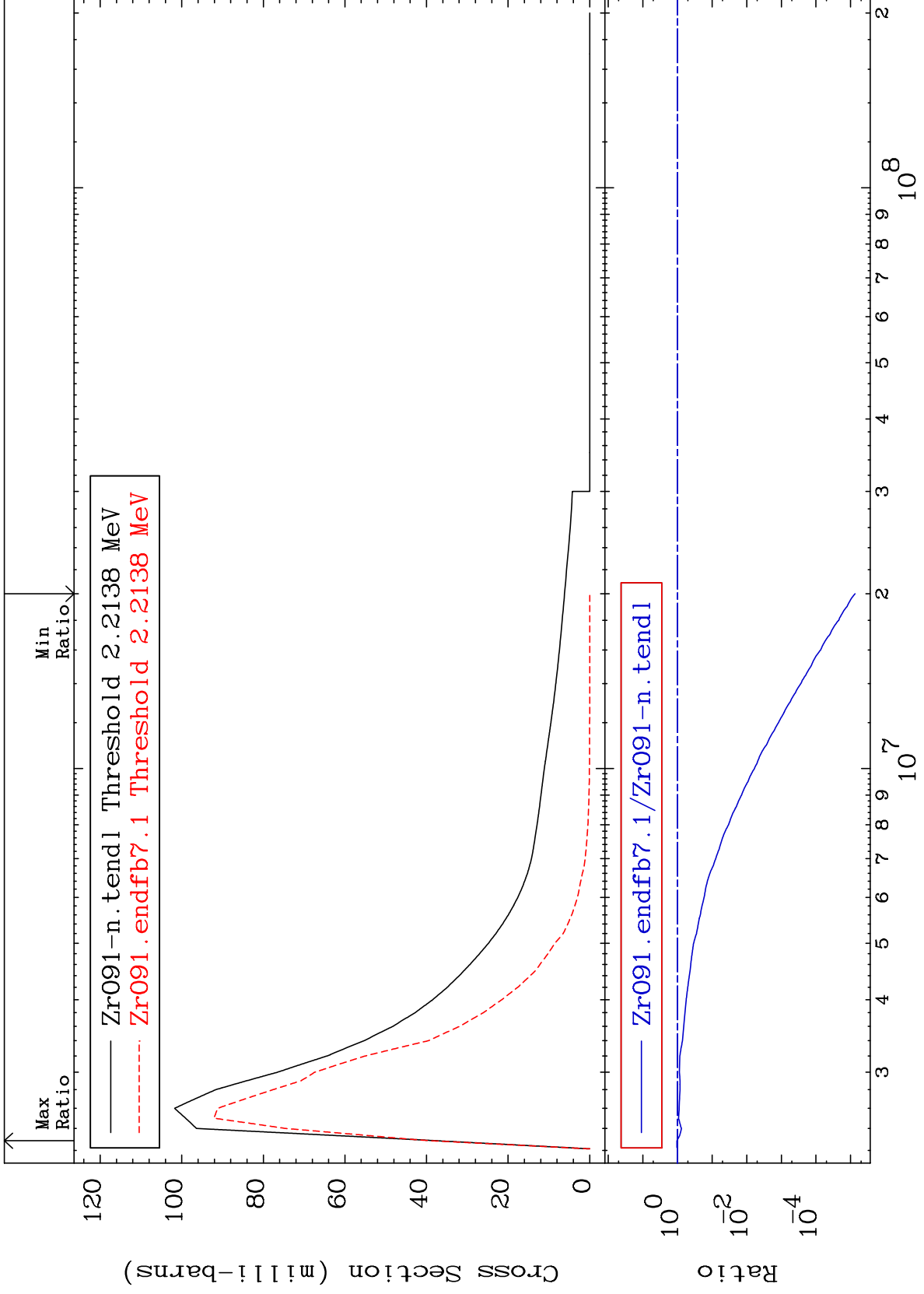
Incident Energy (eV)

40-Zr-91

MAT 4028

2.190 MeV (n,n') Level
Cross Section

40-Zr-91
-100.0 To 3.814 %



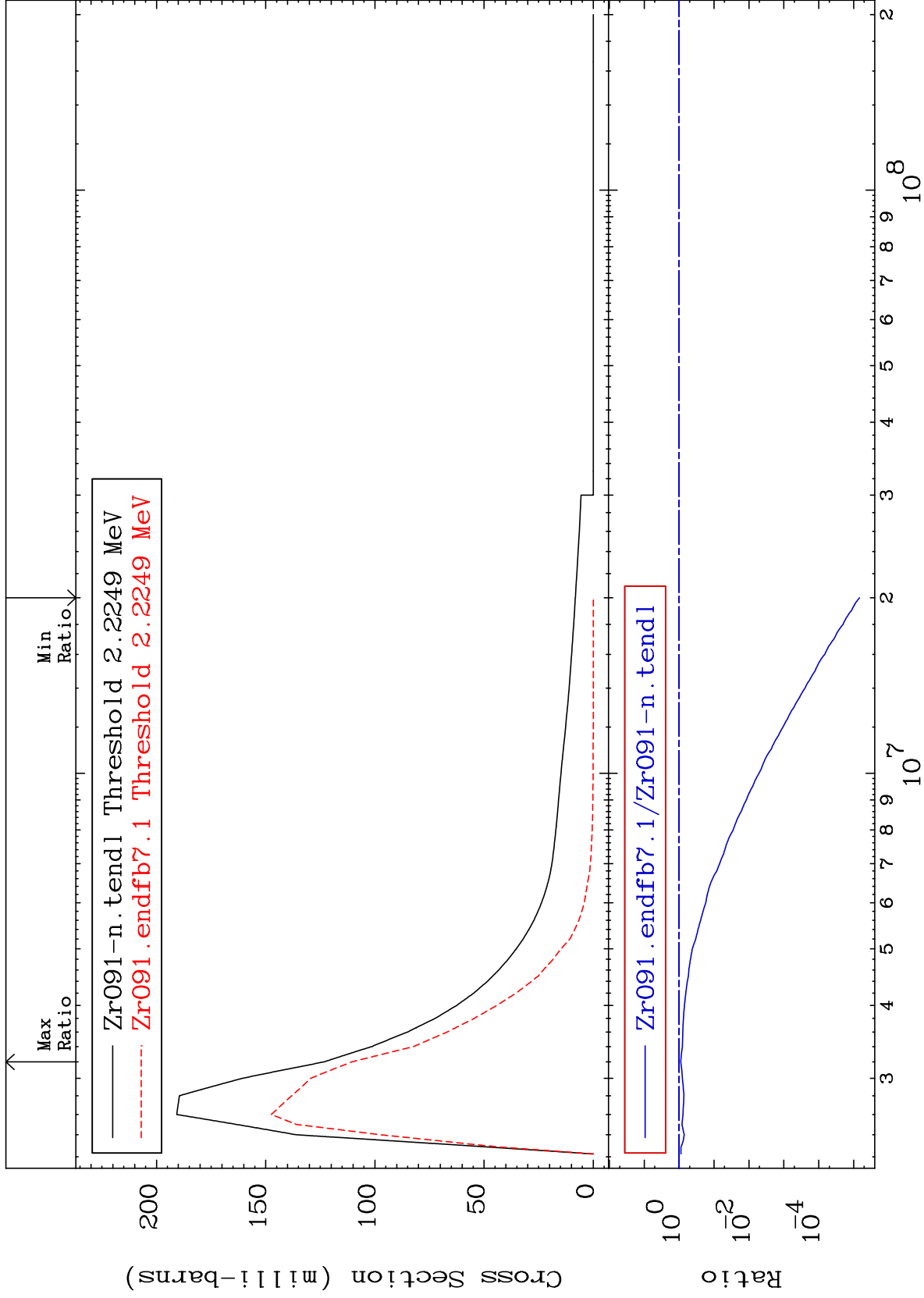
MAT 4028

2.201 MeV (n,n') Level

40-Zr-91

-100.0 To -10.35%

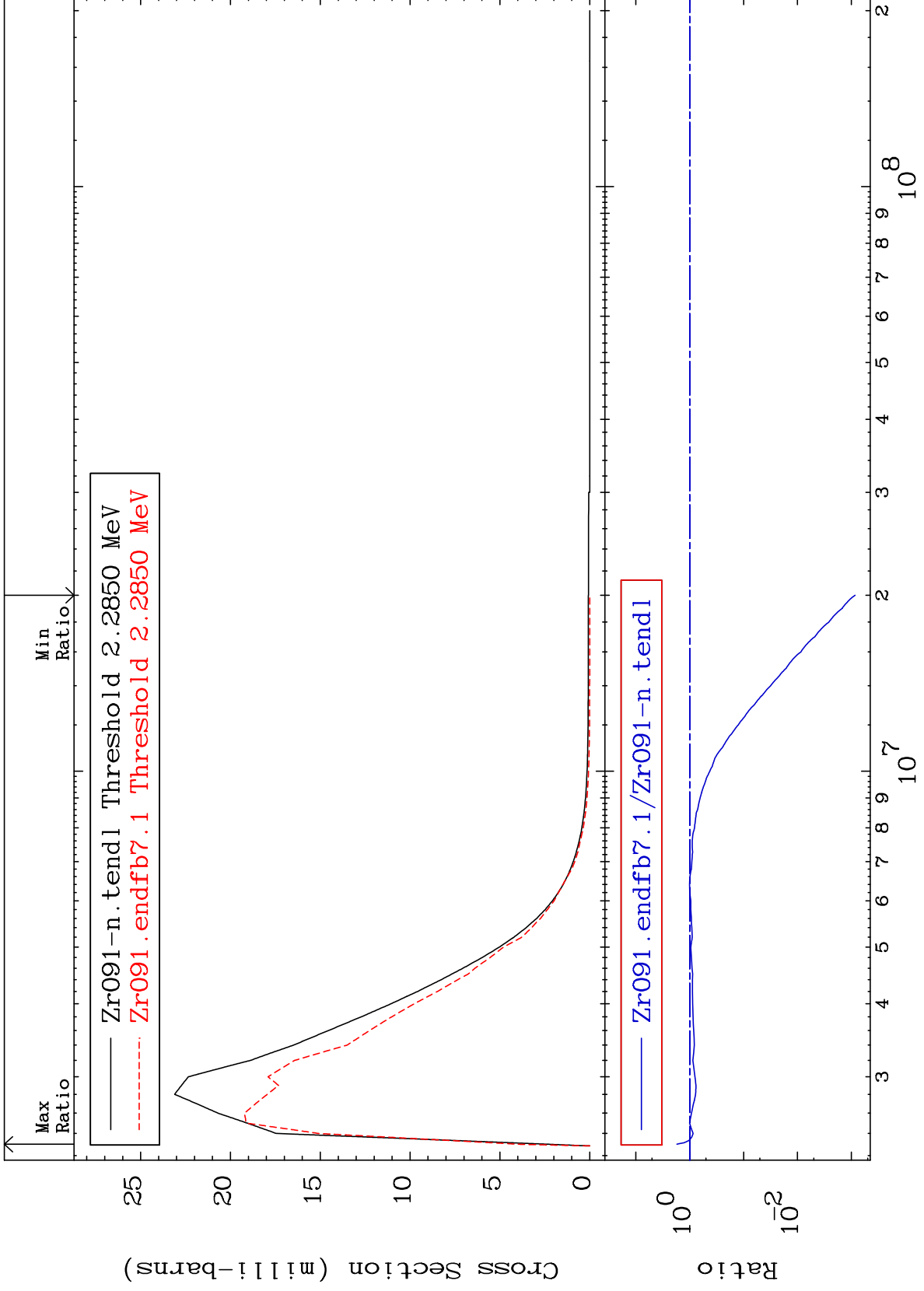
Cross Section



MAT 4028

2.260 MeV (n,n') Level
Cross Section

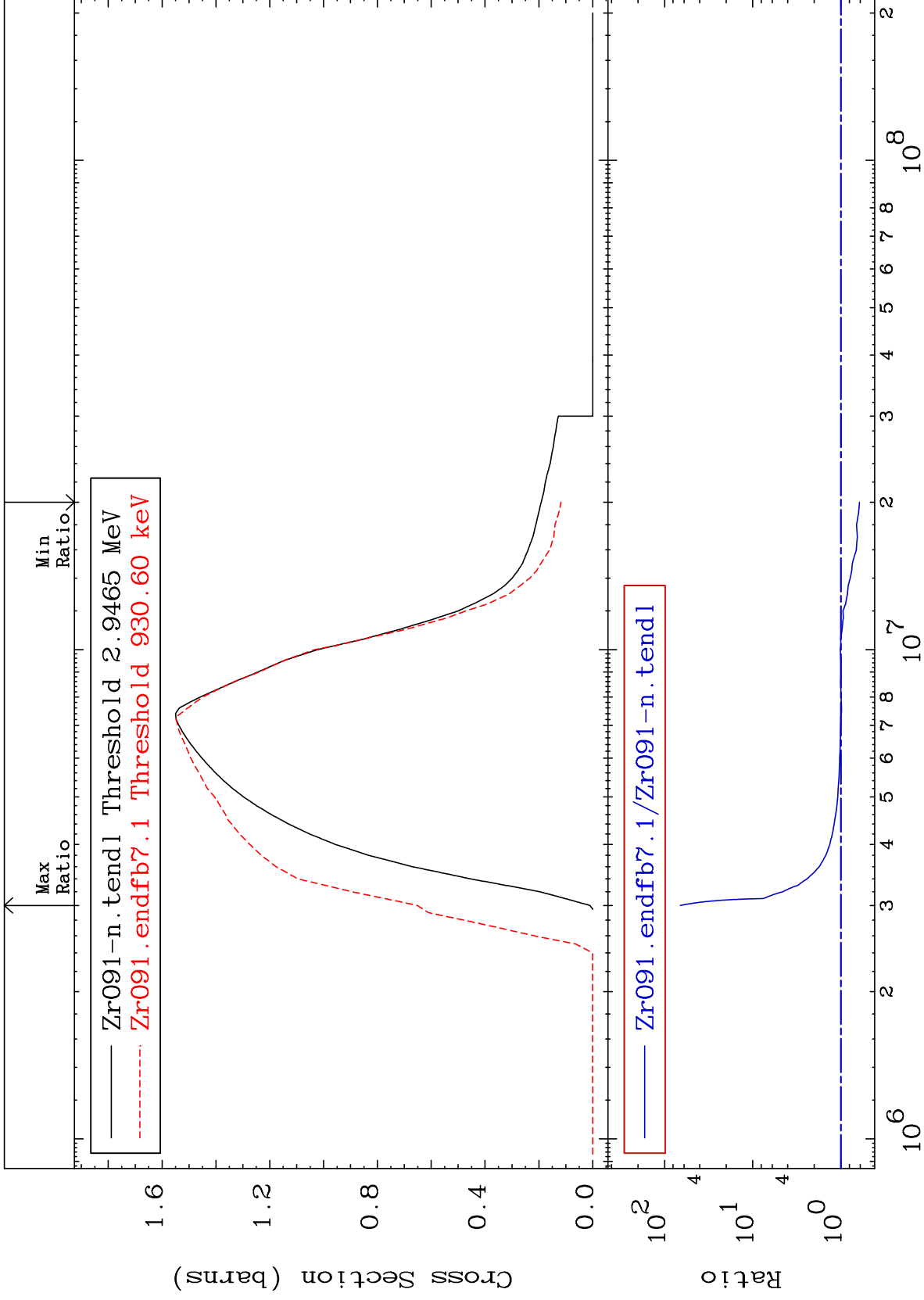
40-Zr-91
-99.91 To 72.29 %



MAT 4028

(n, n') Continuum
Cross Section

40-Zr-91
-38.57 To 6520. %



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40-Zr-91

40-Zr-91

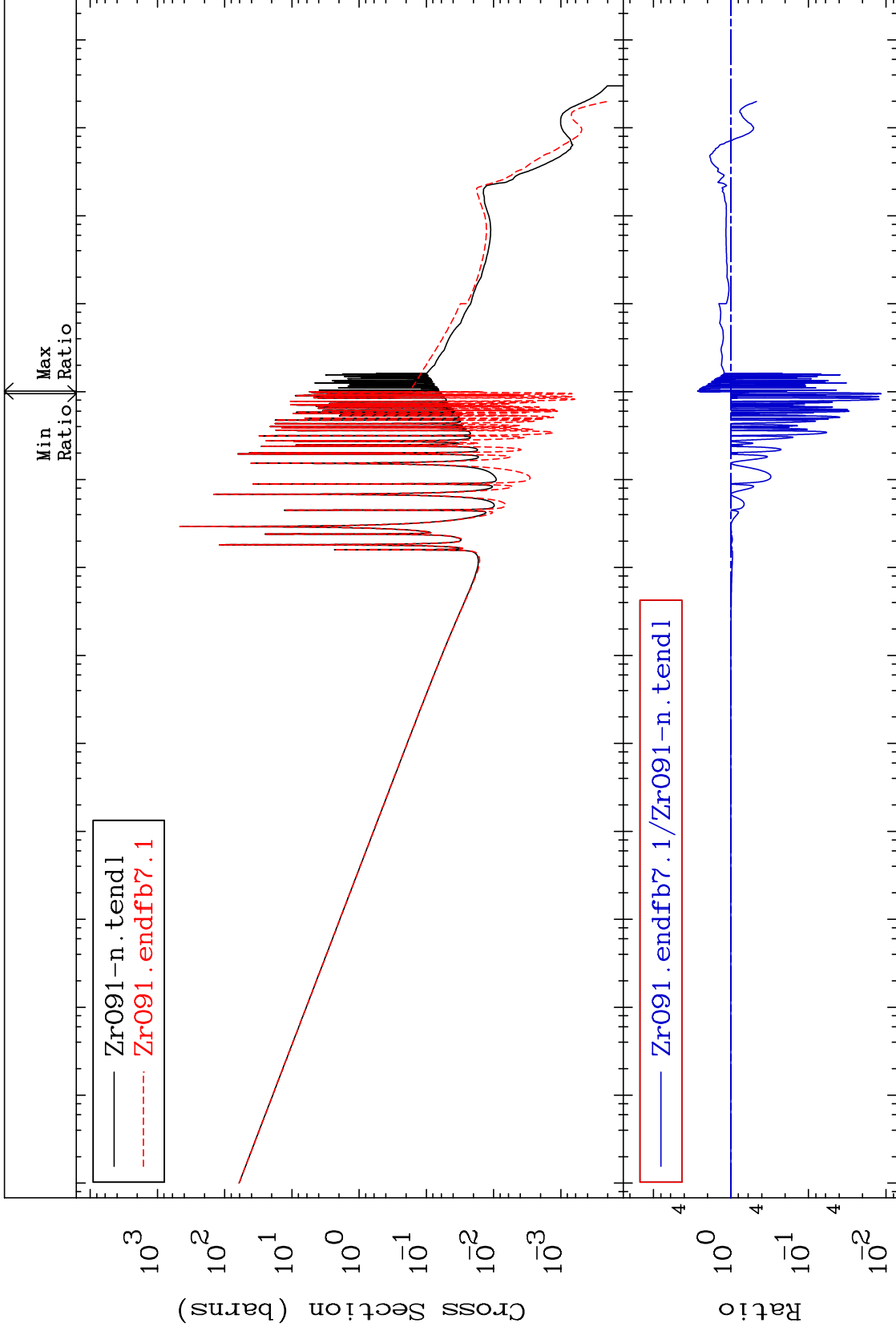
MAT 4028

(n, γ)

40-Zr-91

Cross Section

-98.85 To 169.2 %



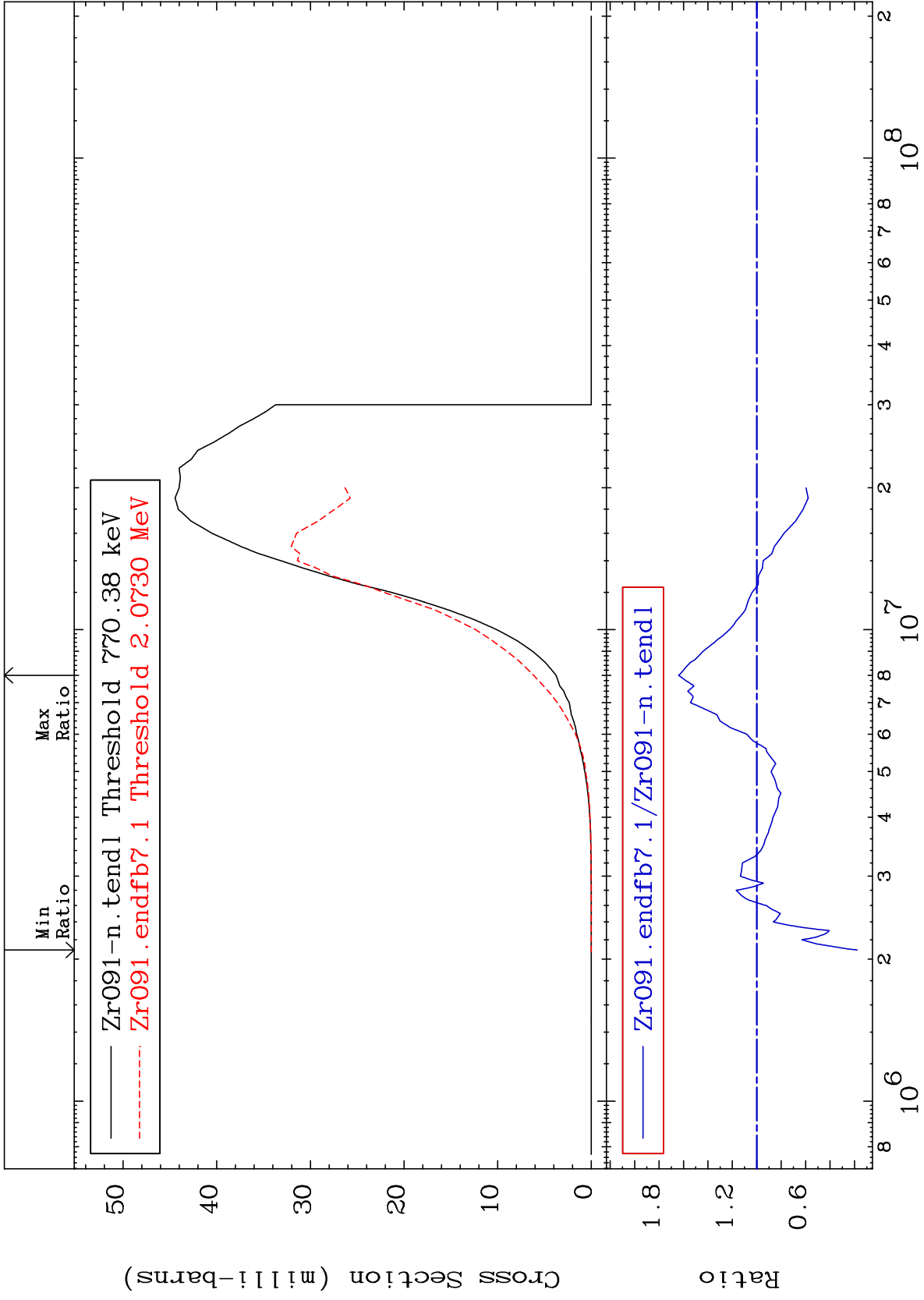
20

Incident Energy (eV)

40-Zr-91

MAT 4028

(n,p) Cross Section
40-Zr-91
-82.24 To 63.97 %



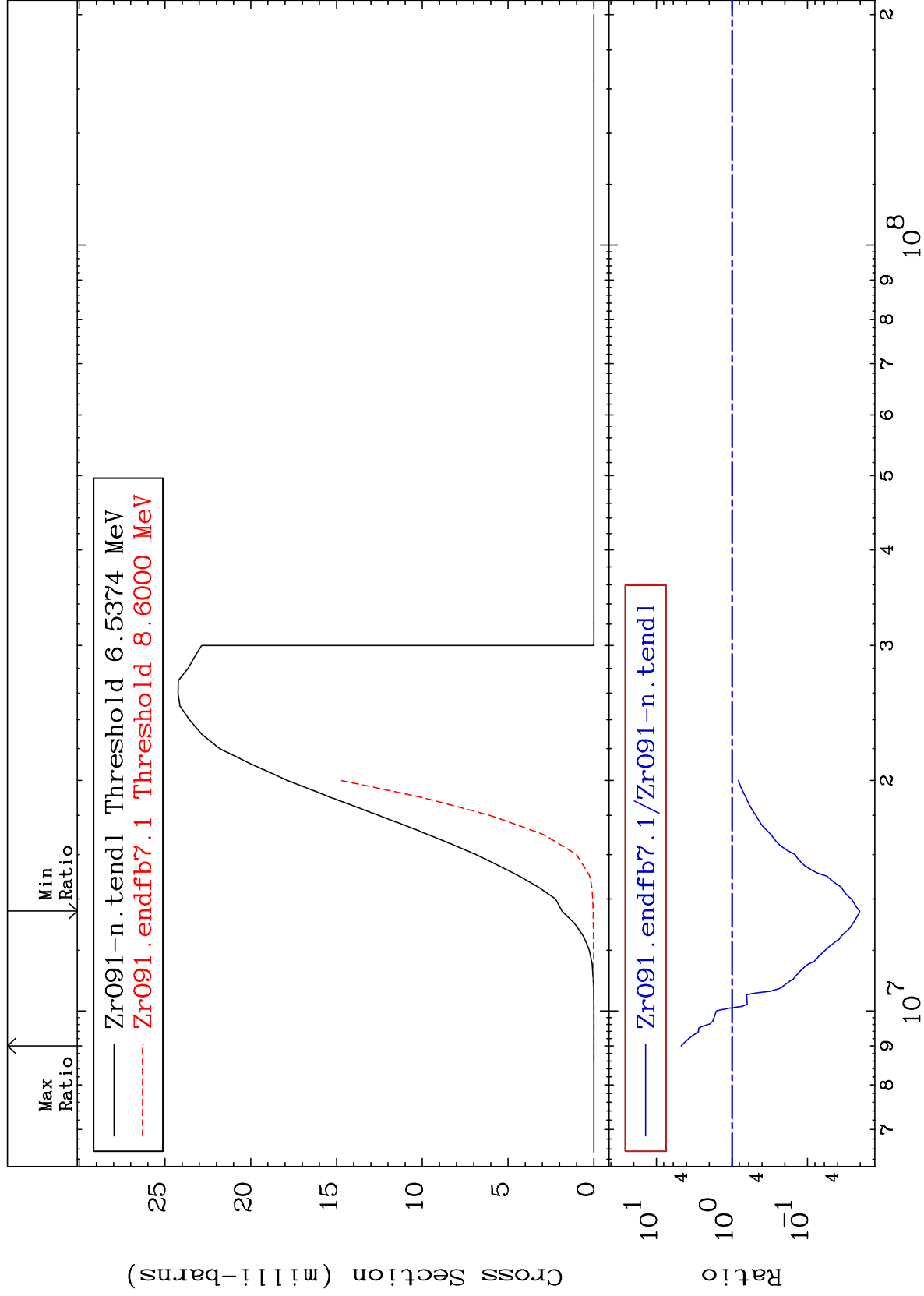
MAT 4028

(n, d)

40-Zr-91

Cross Section

-97.96 To 370.4 %



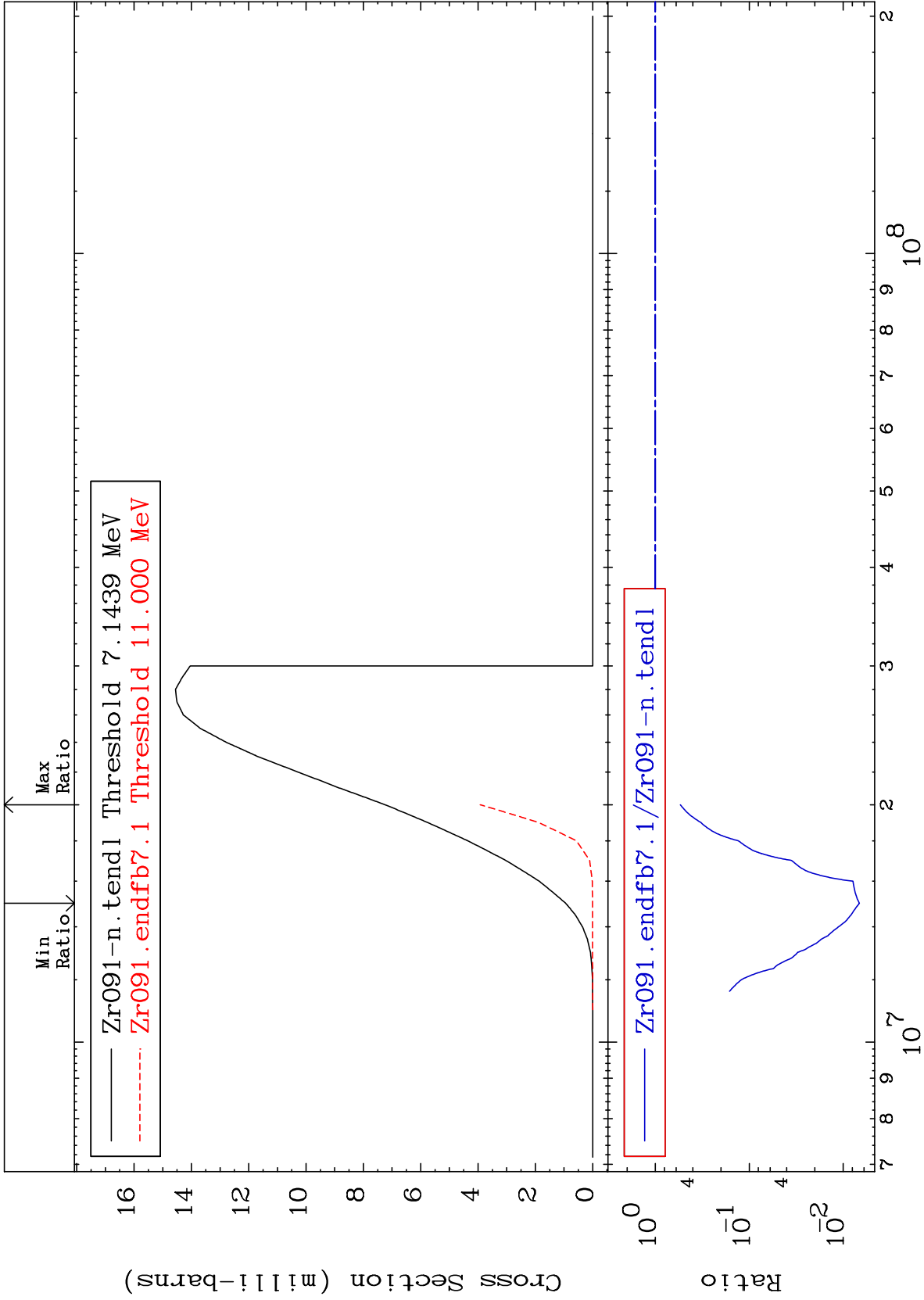
MAT 4028

(n, t)

40-Zr-91

Cross Section

-99.33 To -45.83%



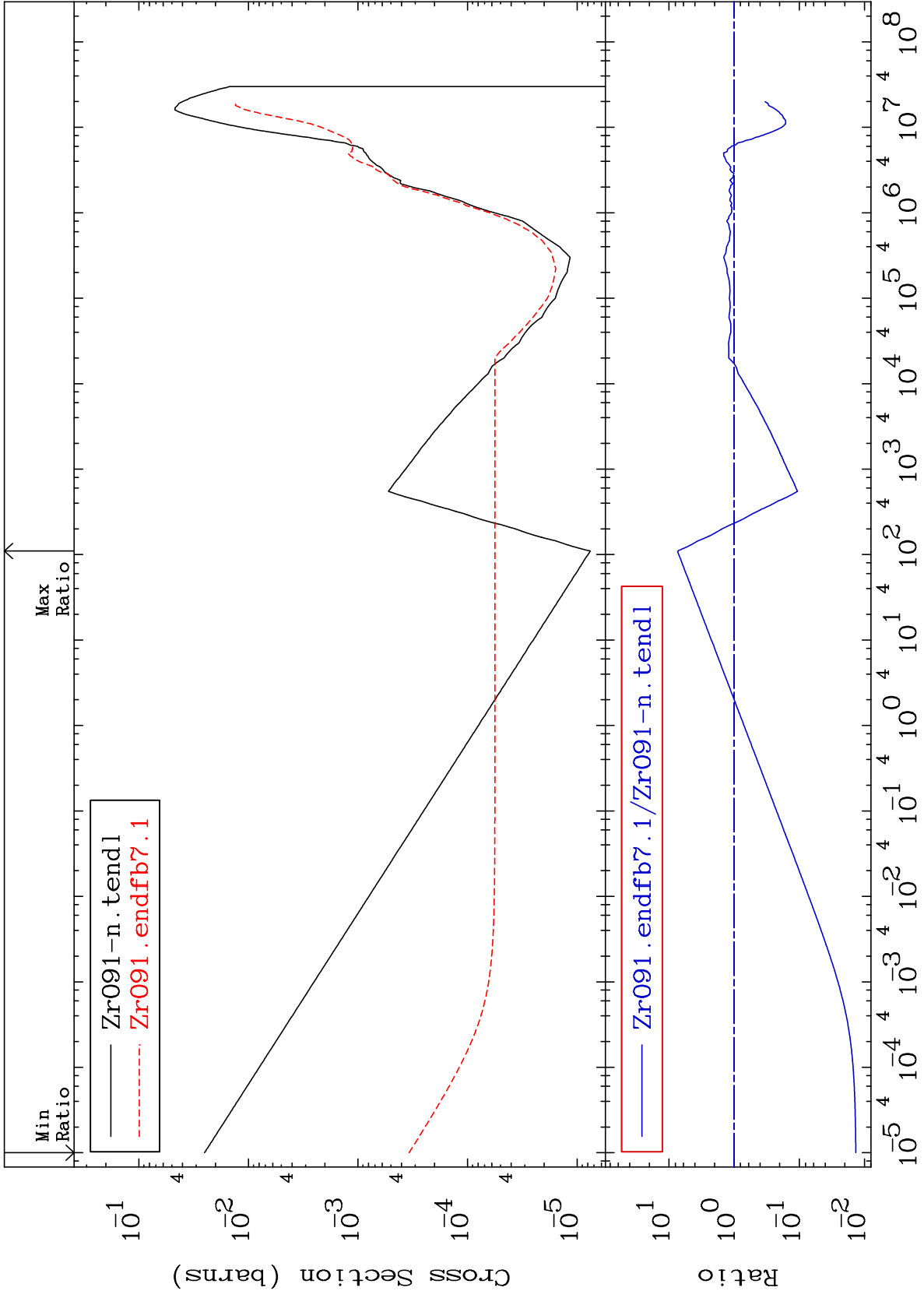
MAT 4028

(n, α)

40-Zr-91

Cross Section

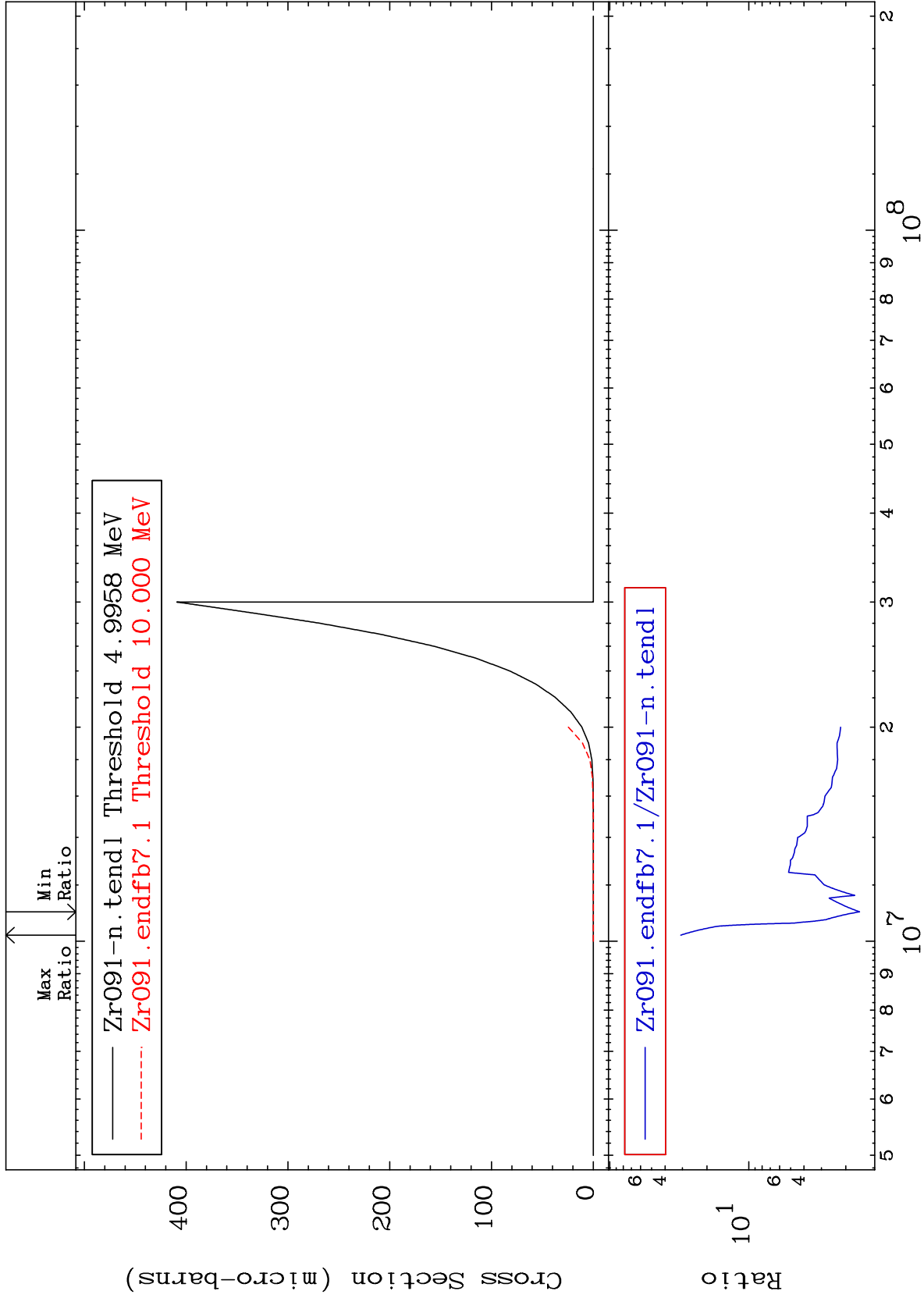
-98.64 To 640.3 %



MAT 4028

(n, p) α
Cross Section

40-Zr-91
59.46 To 2985. %



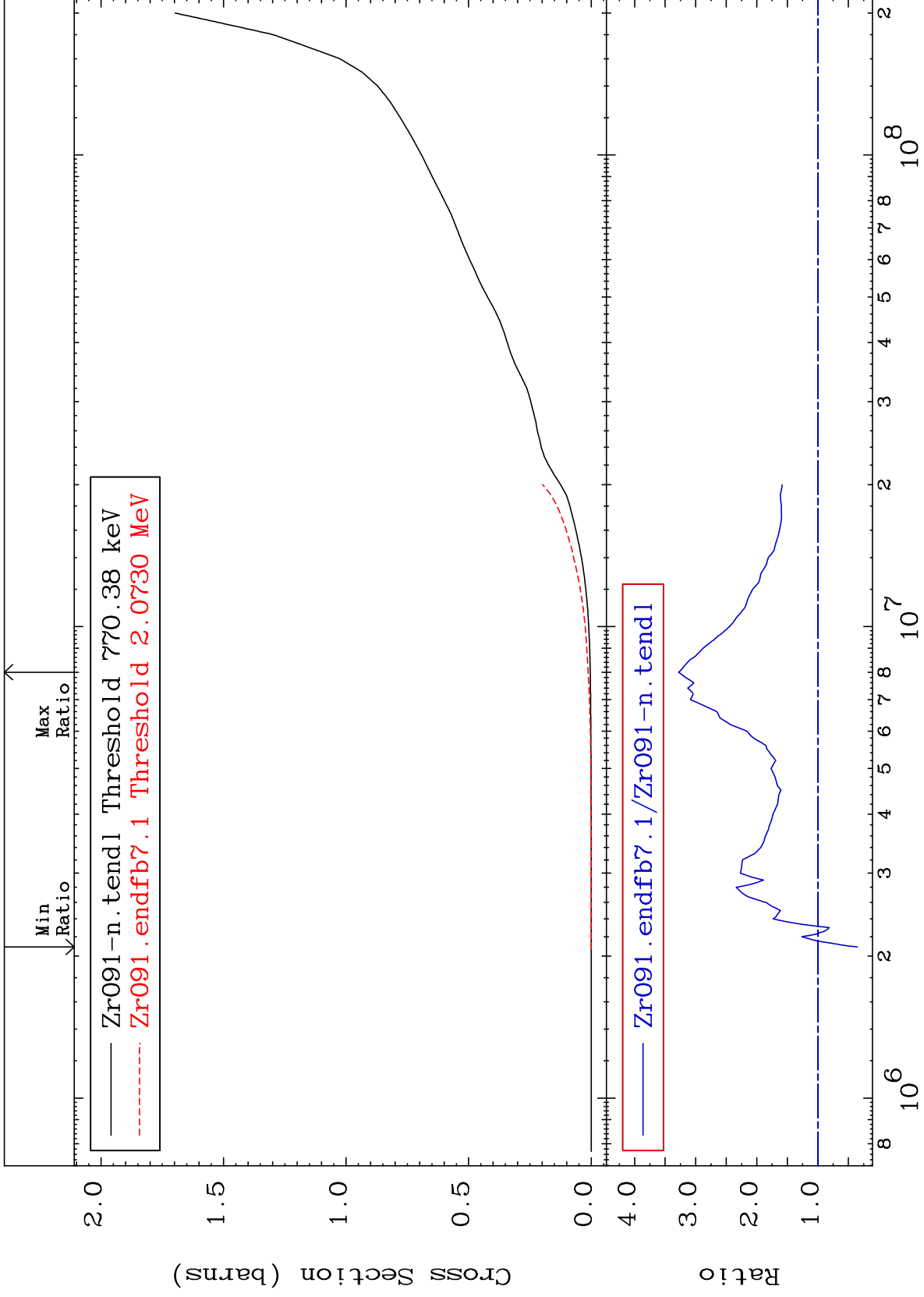
25

40-Zr-91

MAT 4028

Hydrogen Production
Cross Section

40-Zr-91
-64.49 To 227.9 %



26

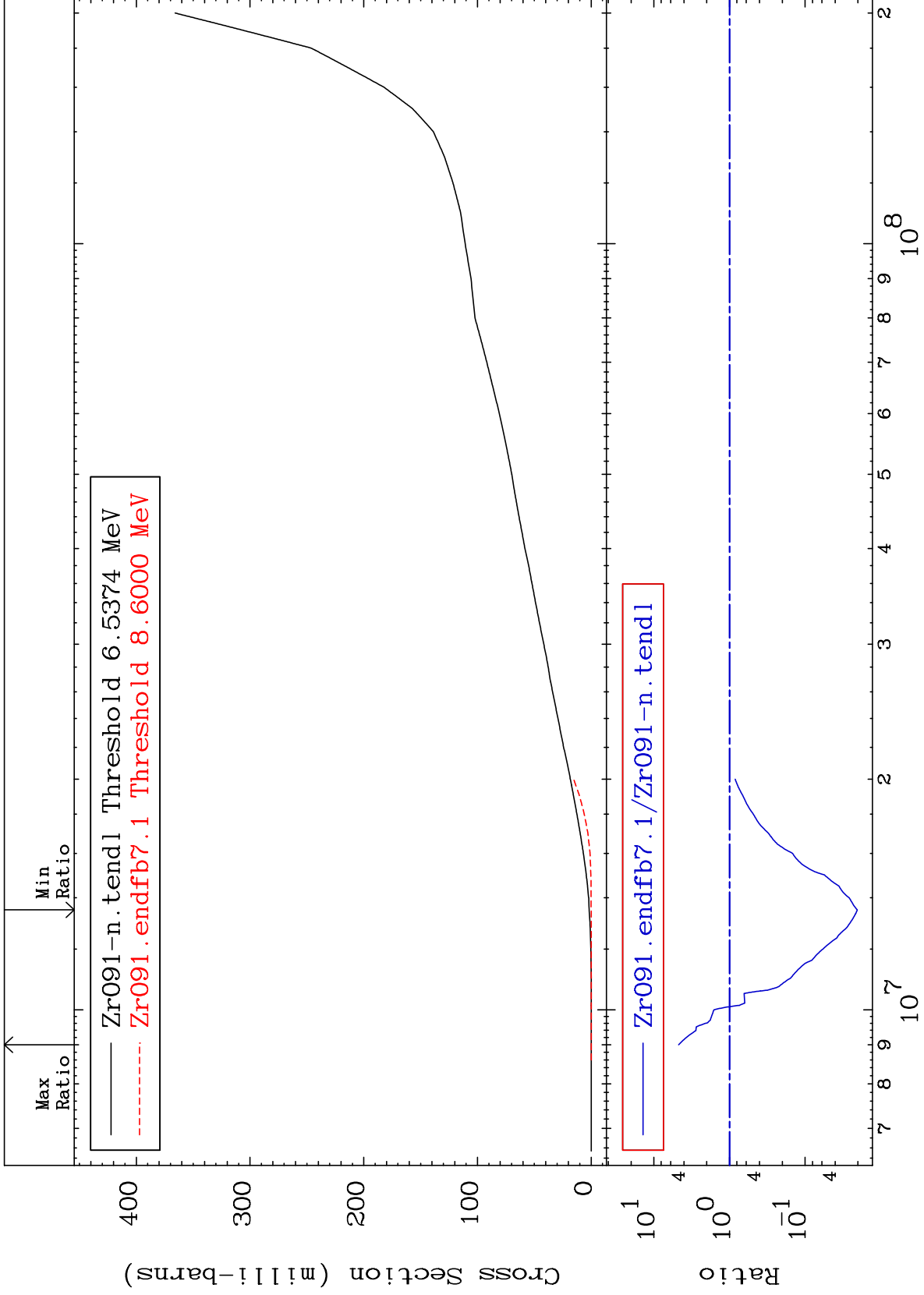
Incident Energy (eV)

40-Zr-91

MAT 4028

Deuterium Production
Cross Section

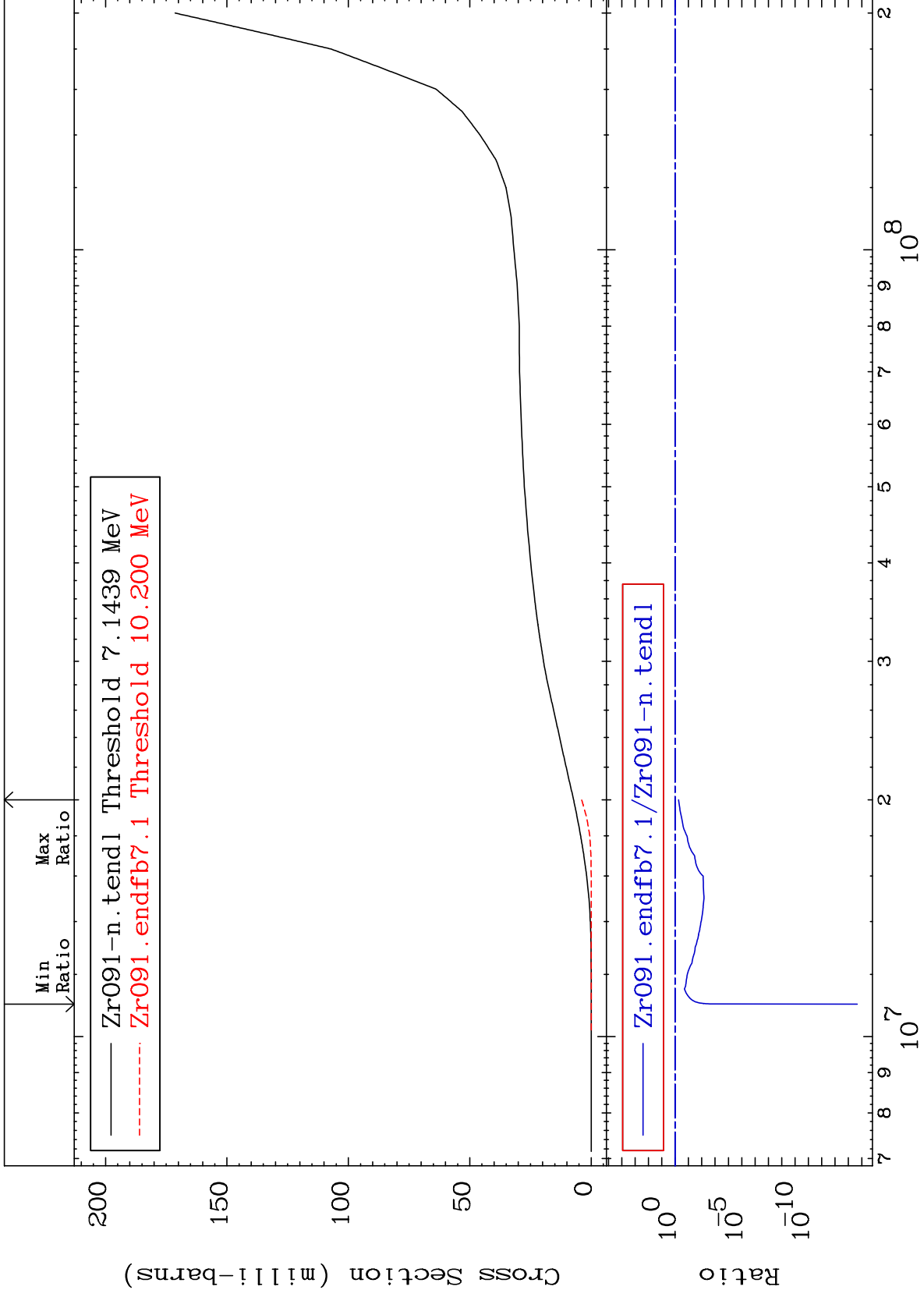
40-Zr-91
-97.96 To 370.4 %



MAT 4028

Tritium Production
Cross Section

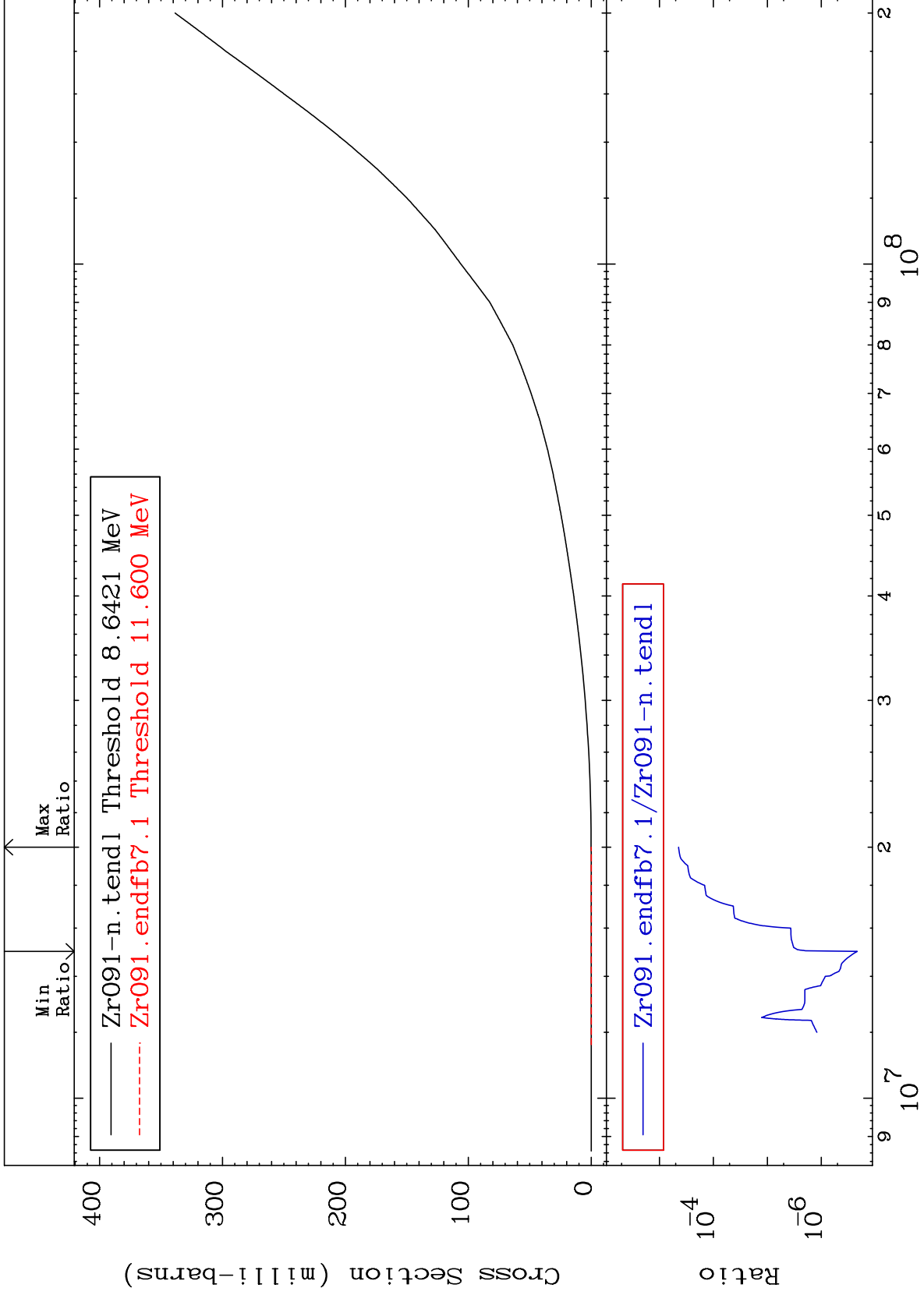
40-Zr-91
-100.0 To -45.83%



MAT 4028

He-3 Production
Cross Section

40-Zr-91
-100.0 To -99.96%



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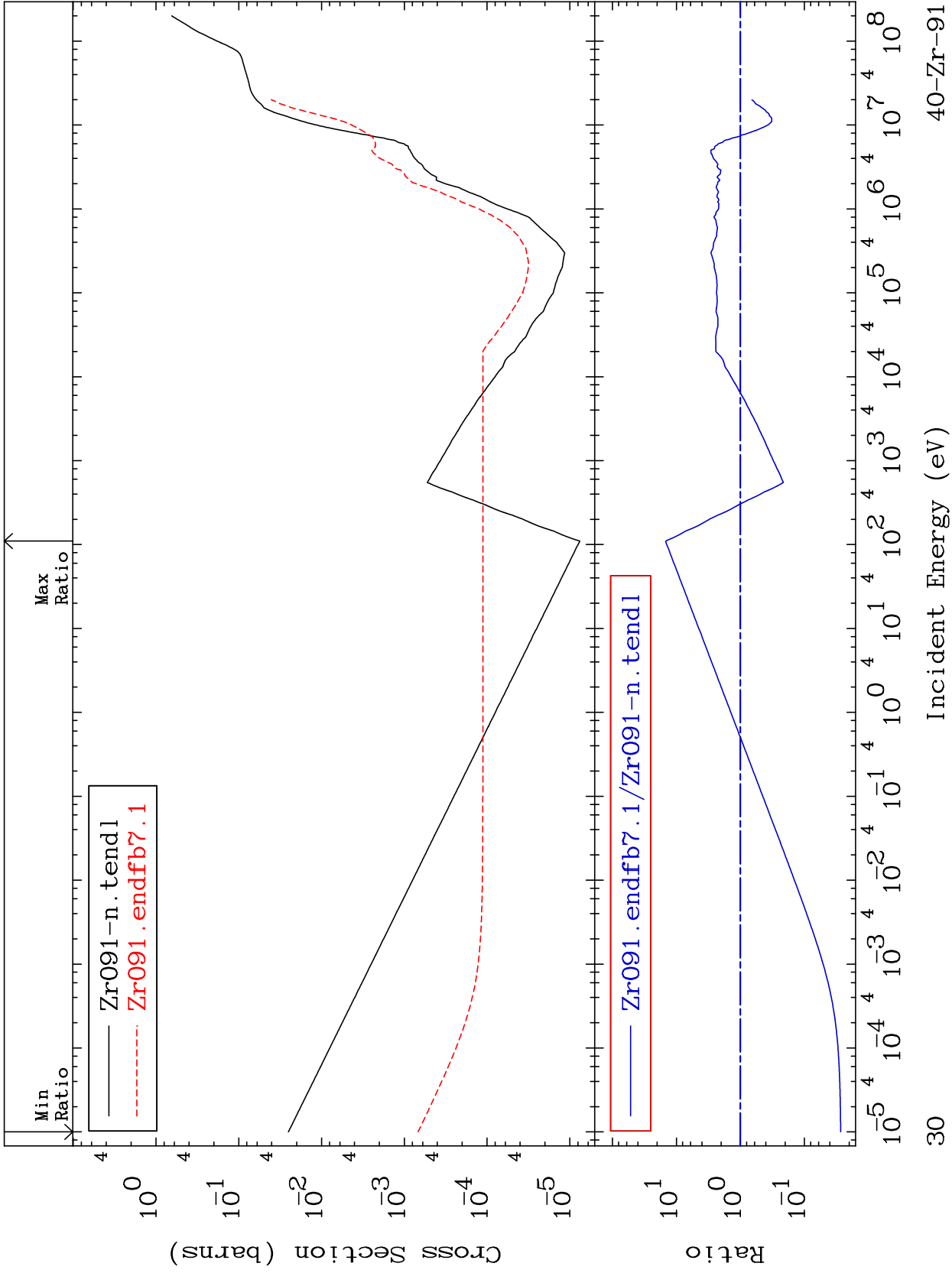
Incident Energy (eV)

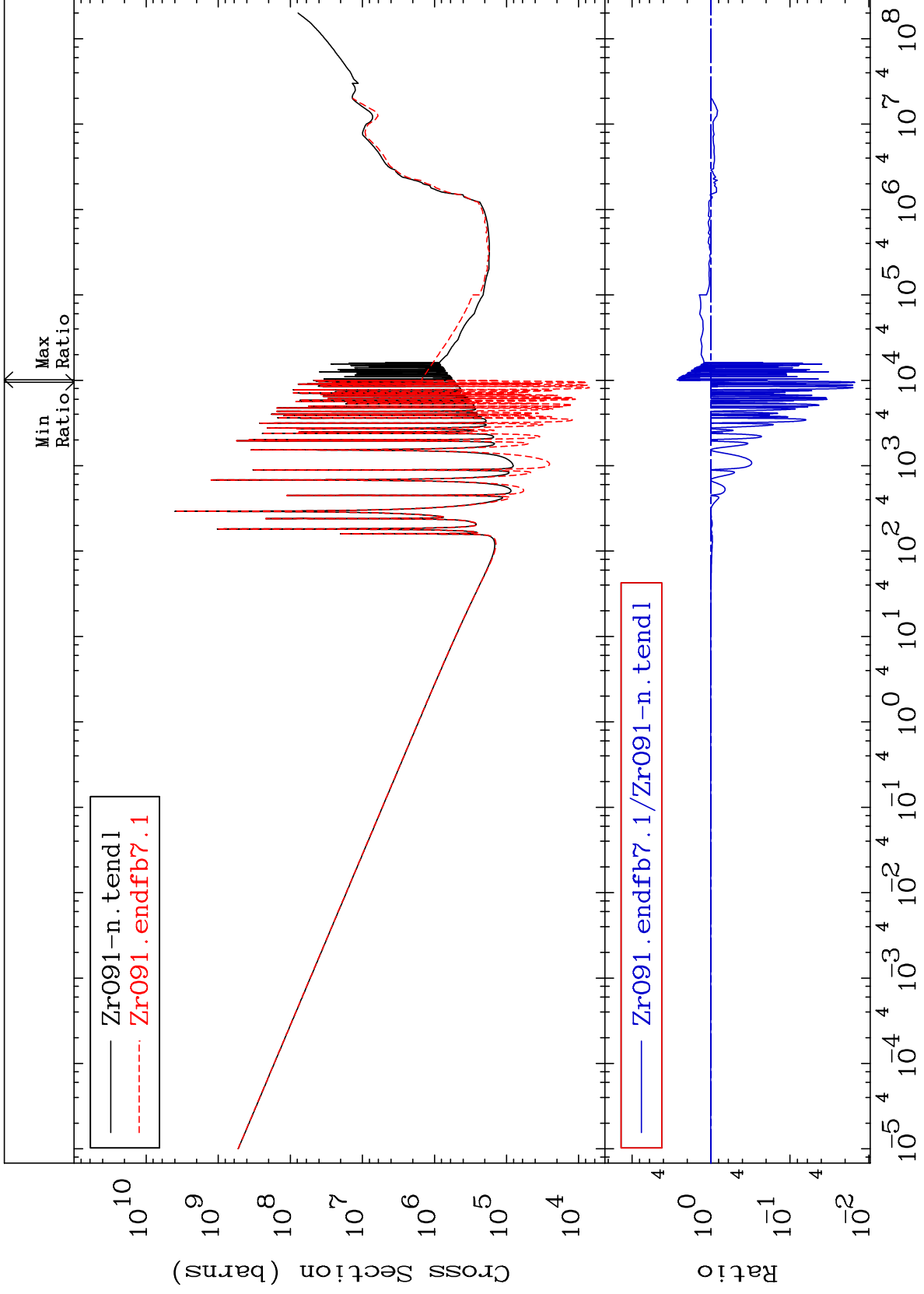
40-Zr-91

MAT 4028

He-4 Production
Cross Section

40-Zr-91
-97.29 To 1381. %

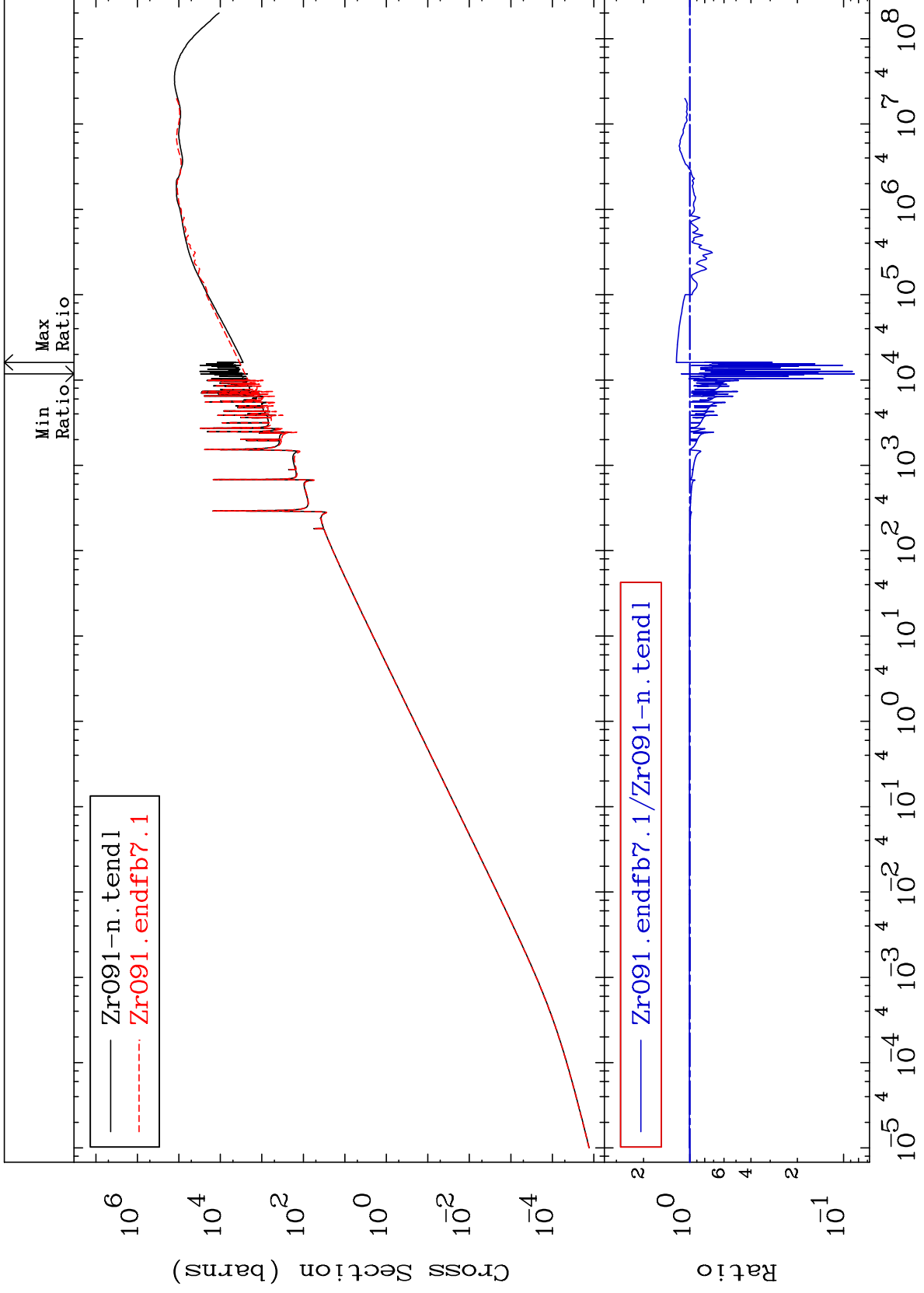


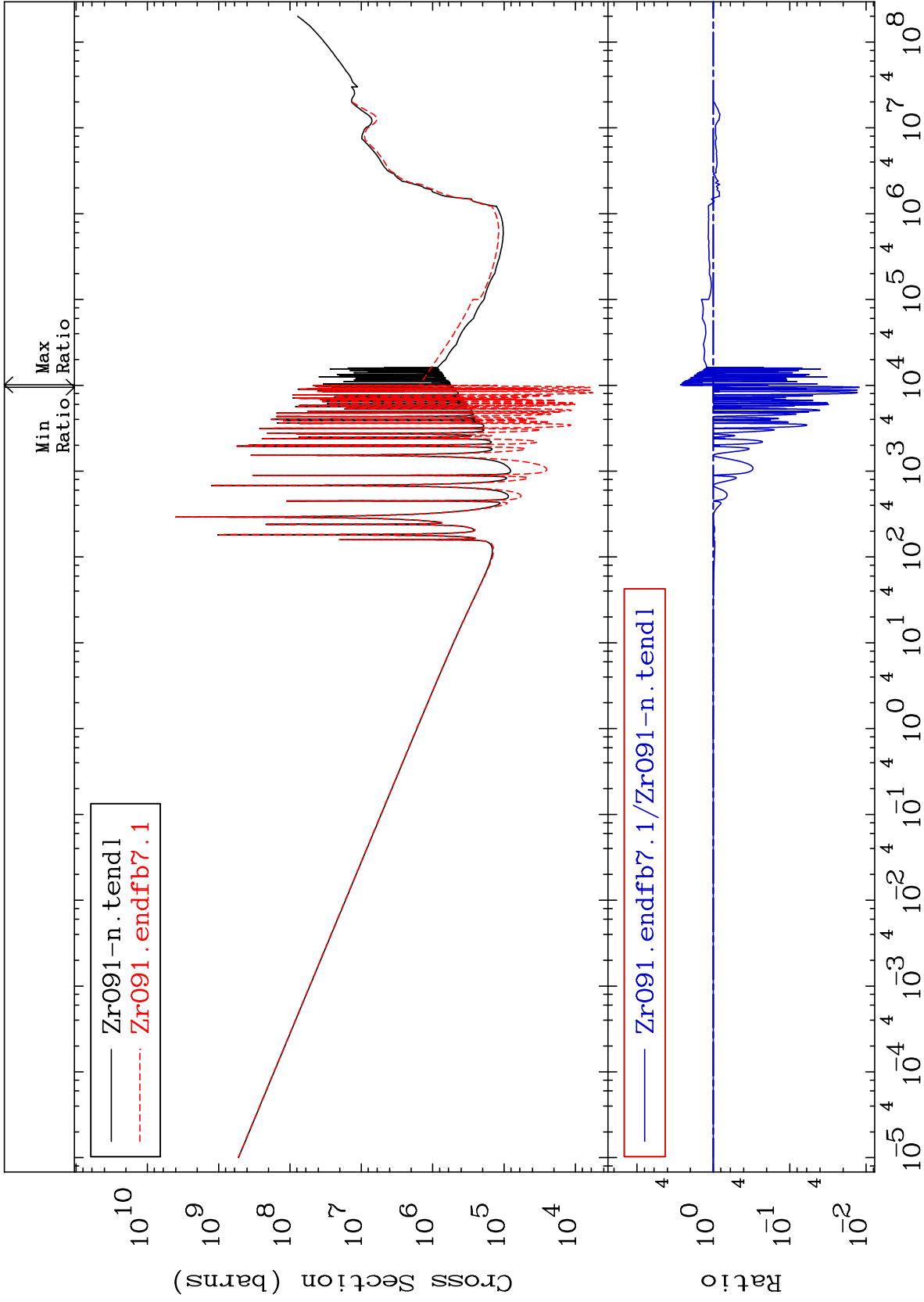


MAT 4028

Kerma elastic
Cross Section

40-Zr-91
-91.50 To 22.33 %

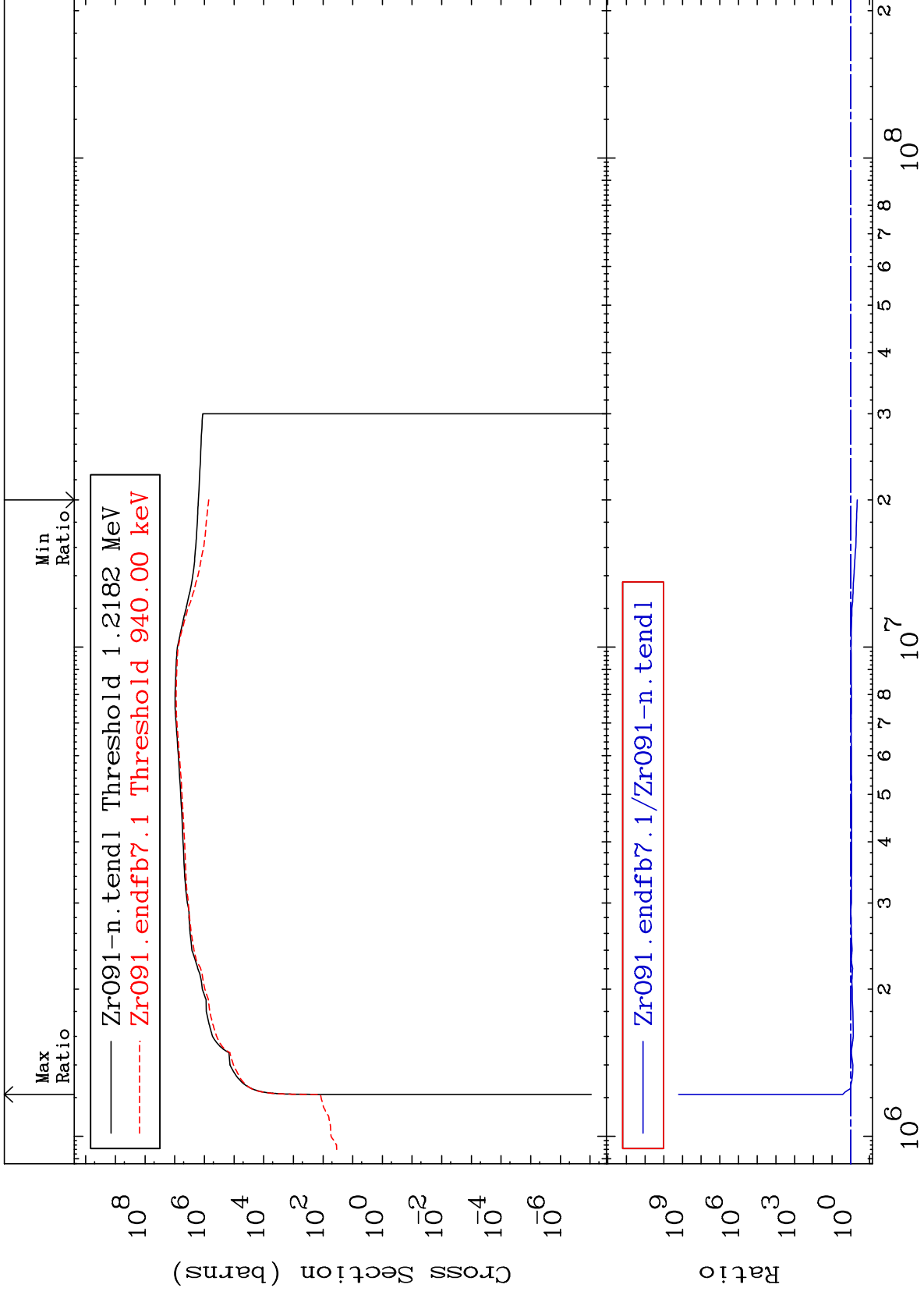




MAT 4028

Kerma inelastic (mt51-91)
Cross Section

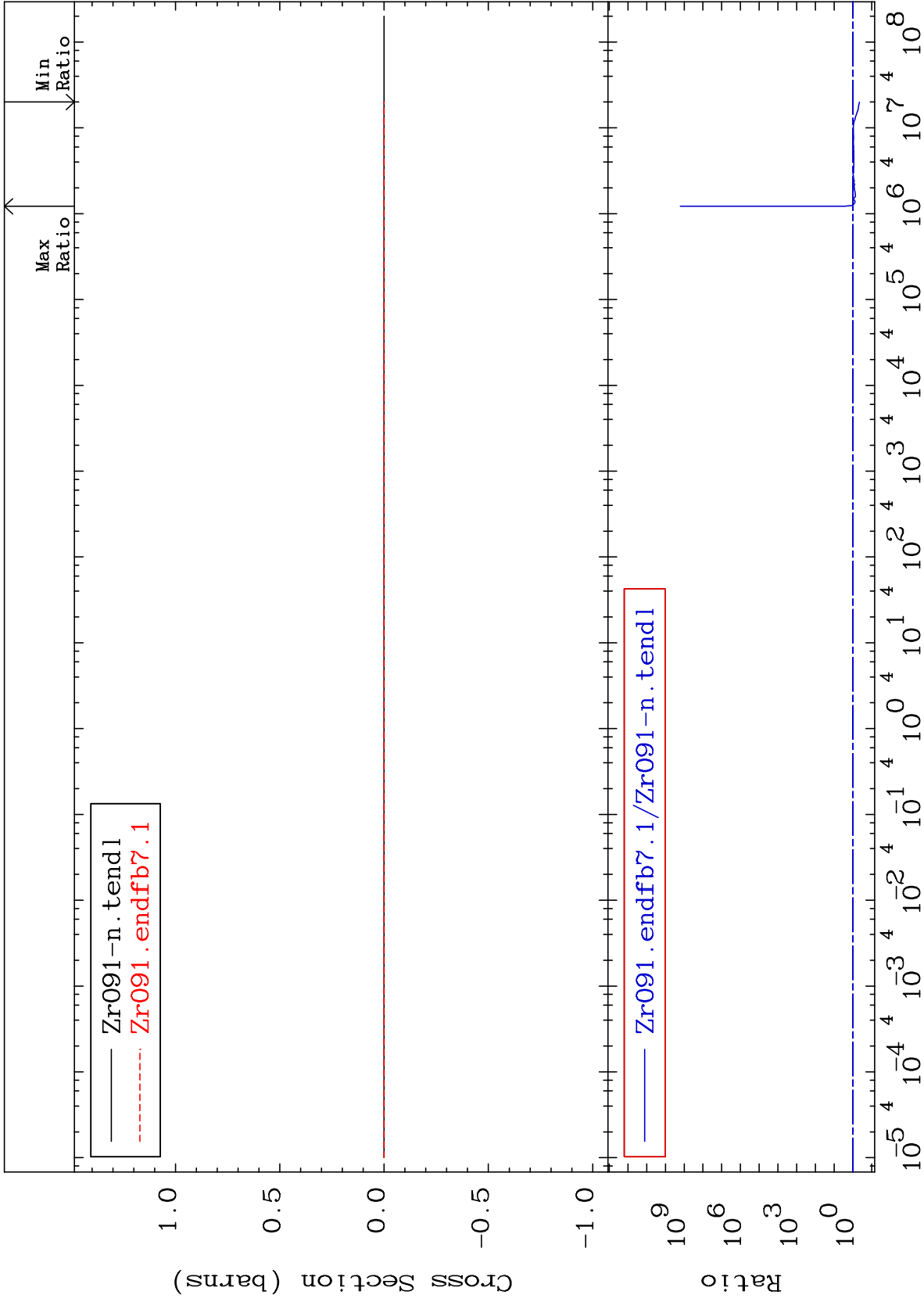
40-Zr-91
-55.16 To 9999. %

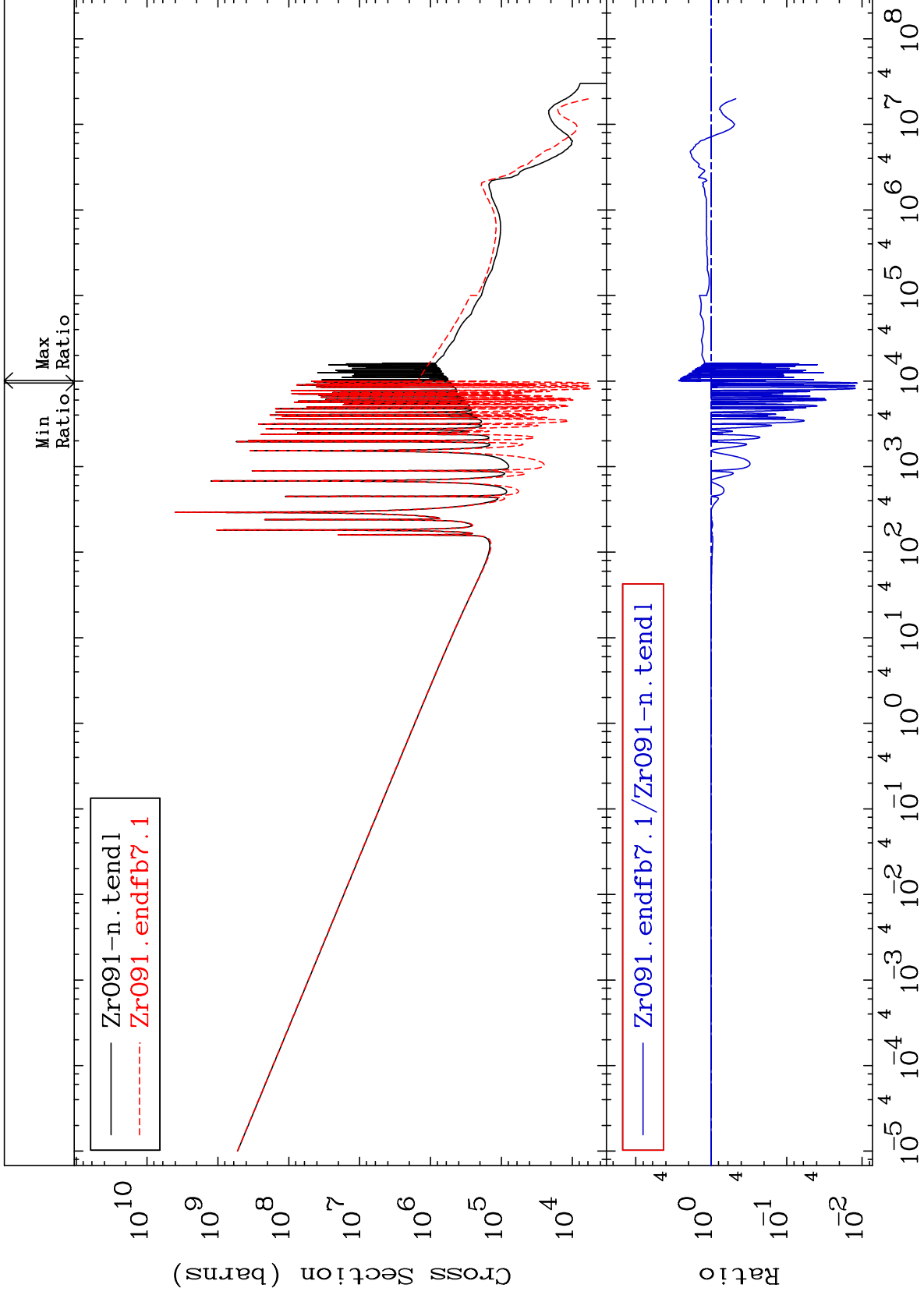


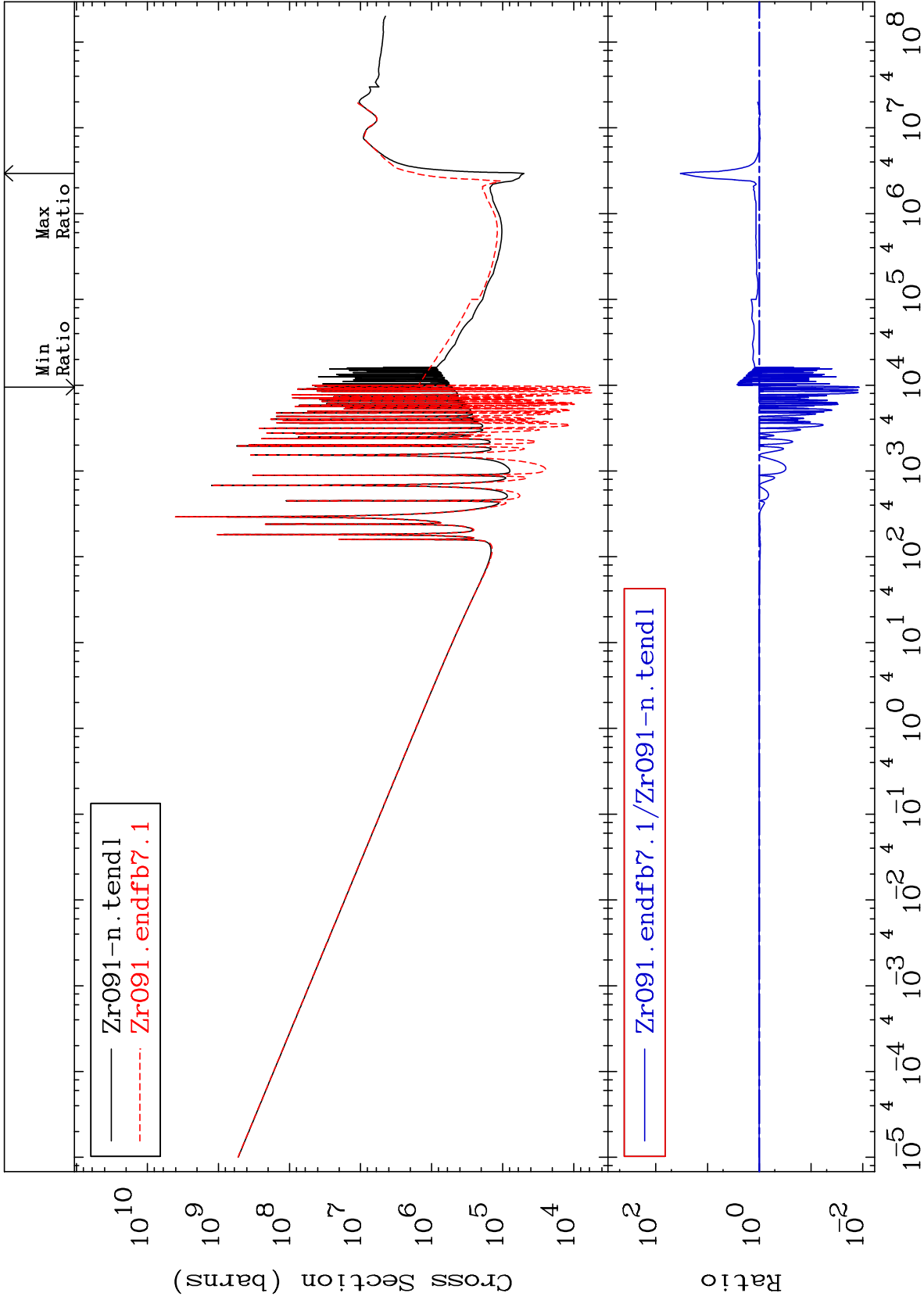
34

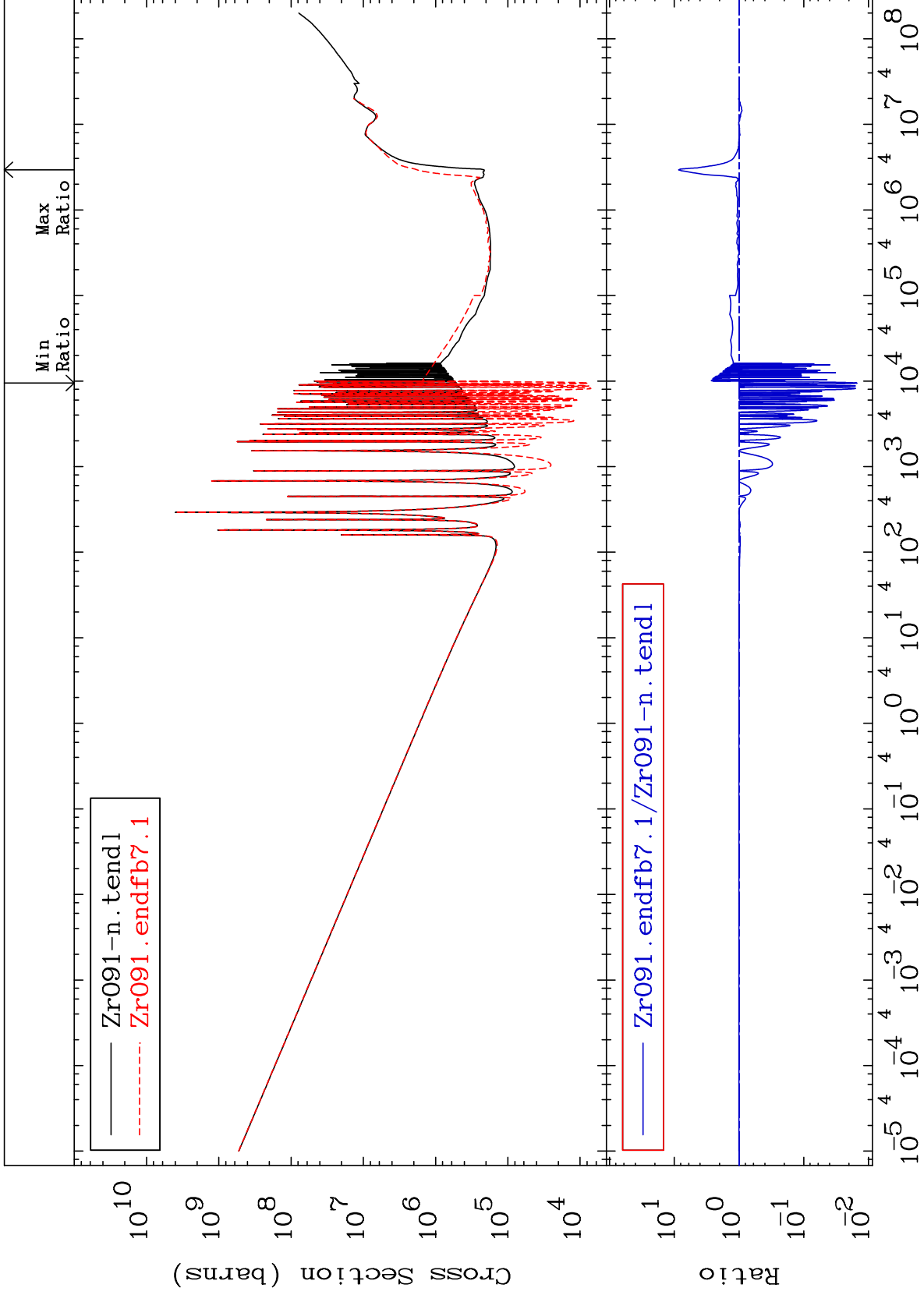
Incident Energy (eV)

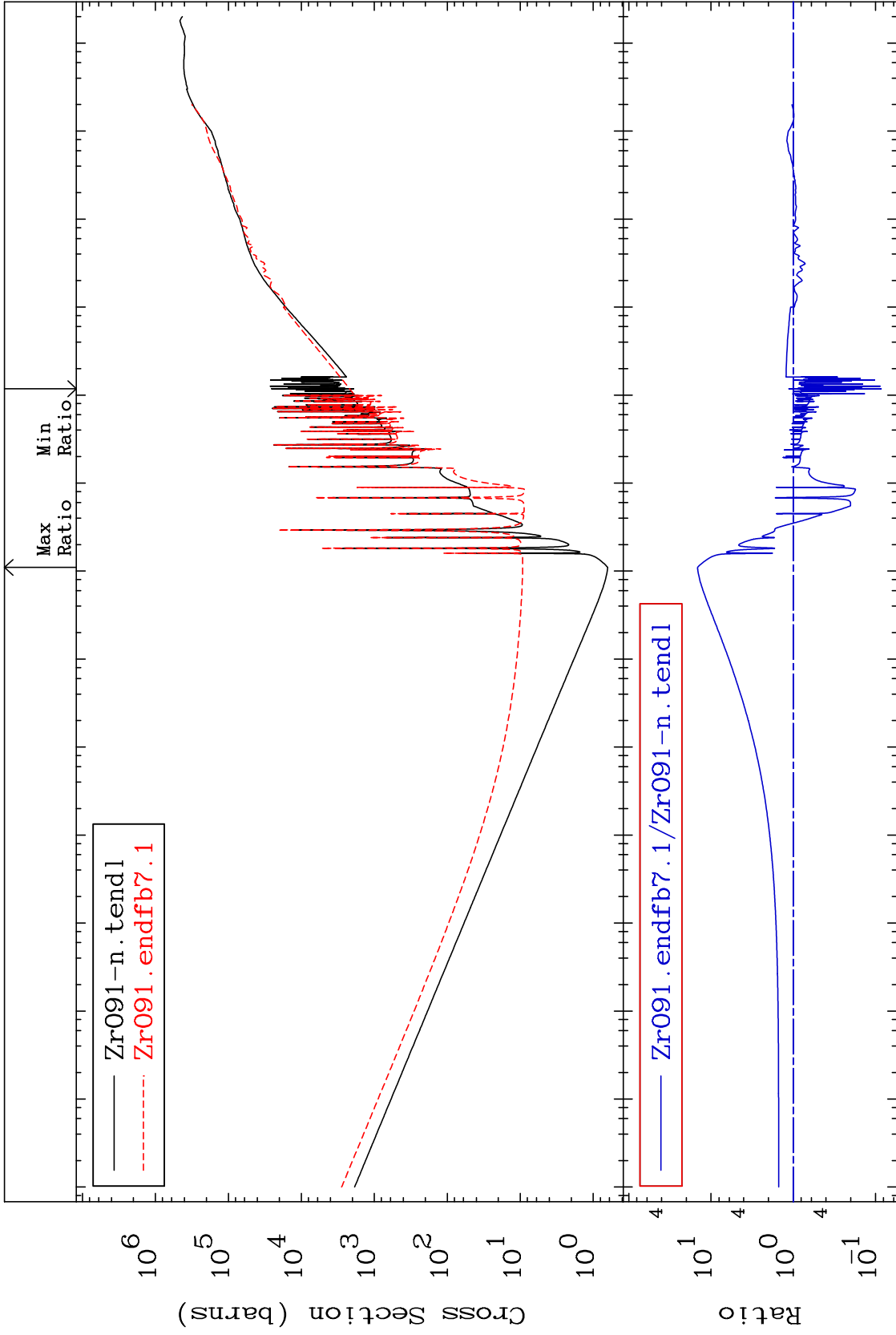
40-Zr-91







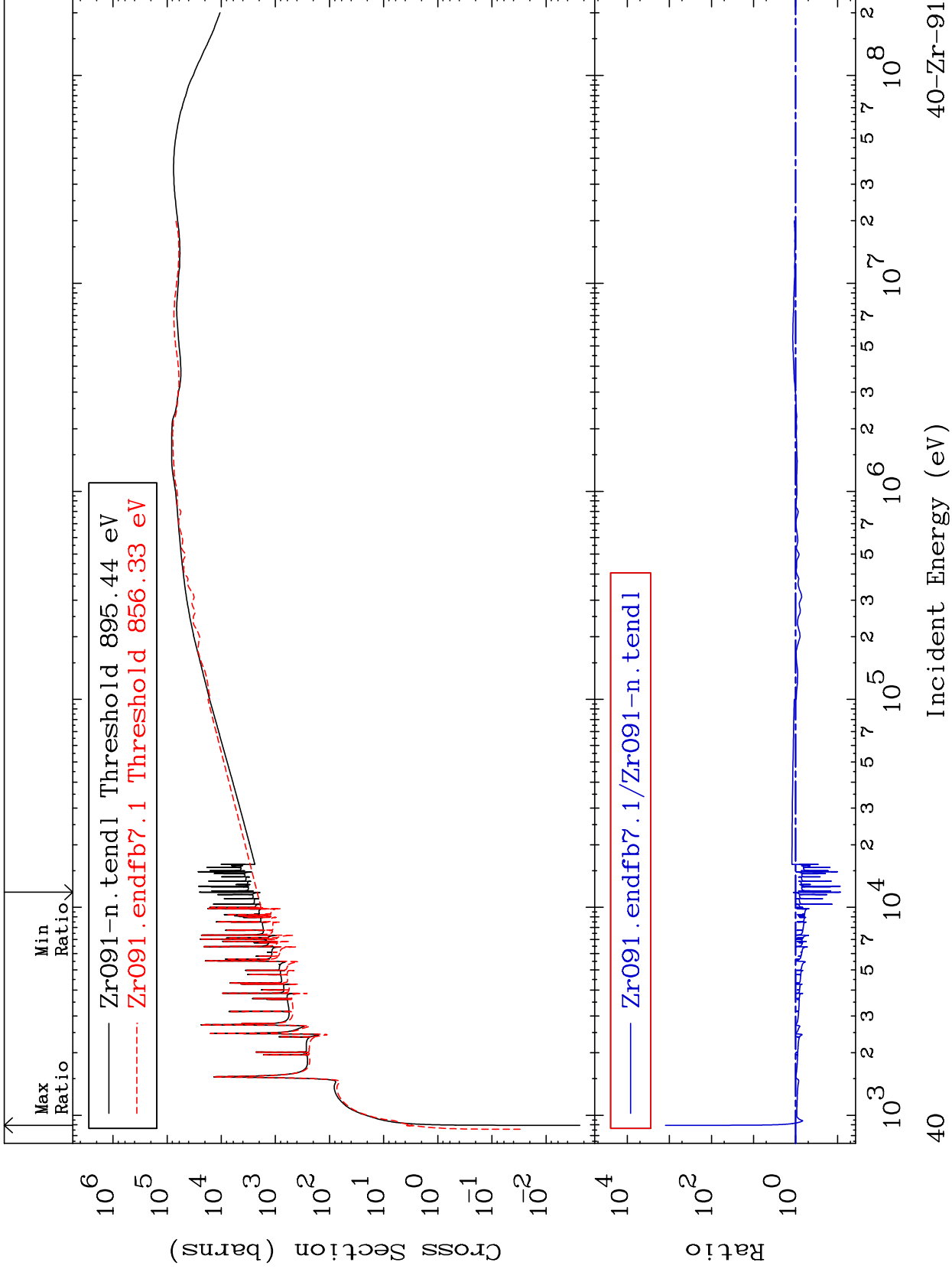




MAT 4028

Dpa elastic (mt2)
Cross Section

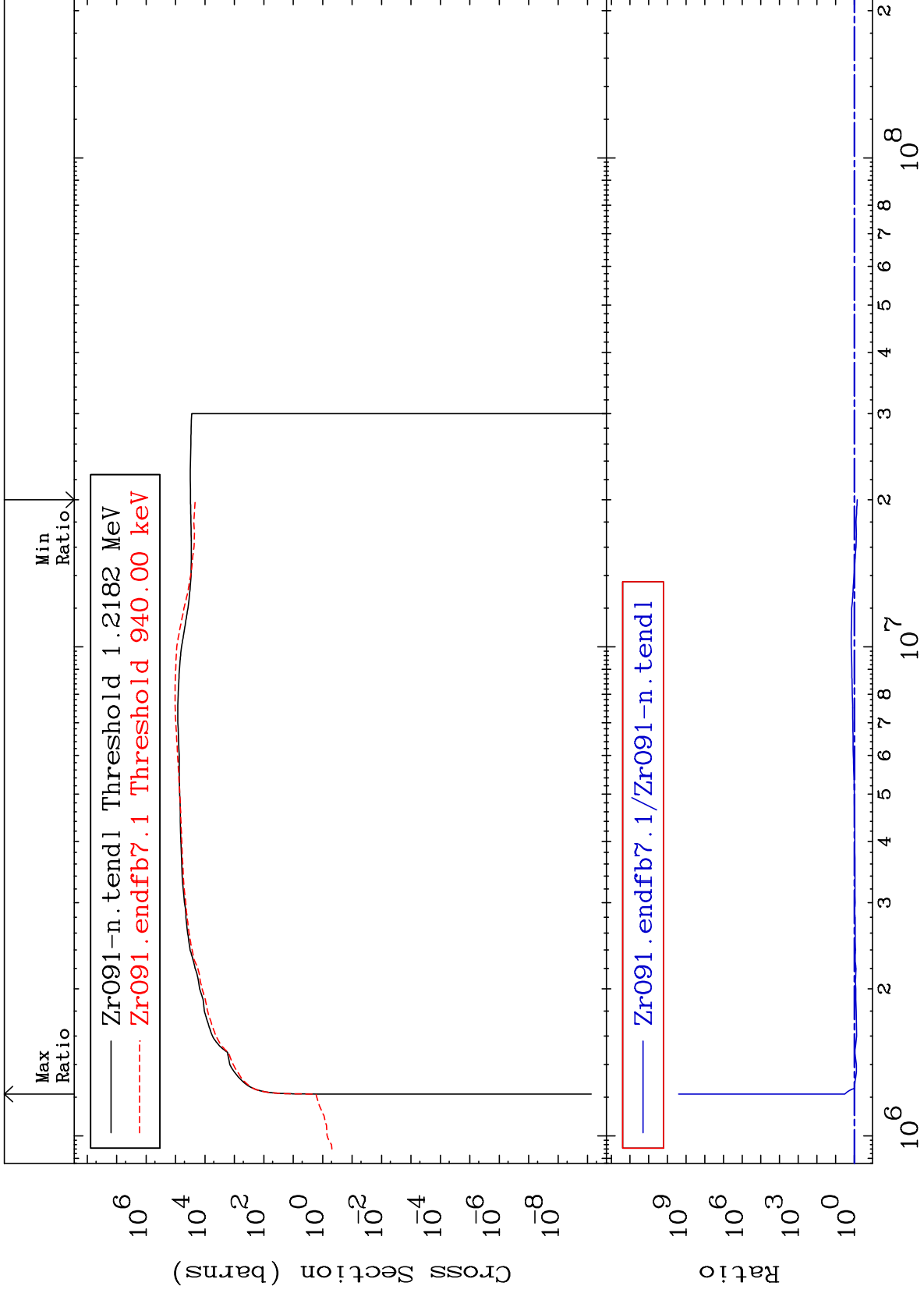
40-Zr-91
-91.50 To 9999. %



MAT 4028

Dpa inelastic (mt51-91)
Cross Section

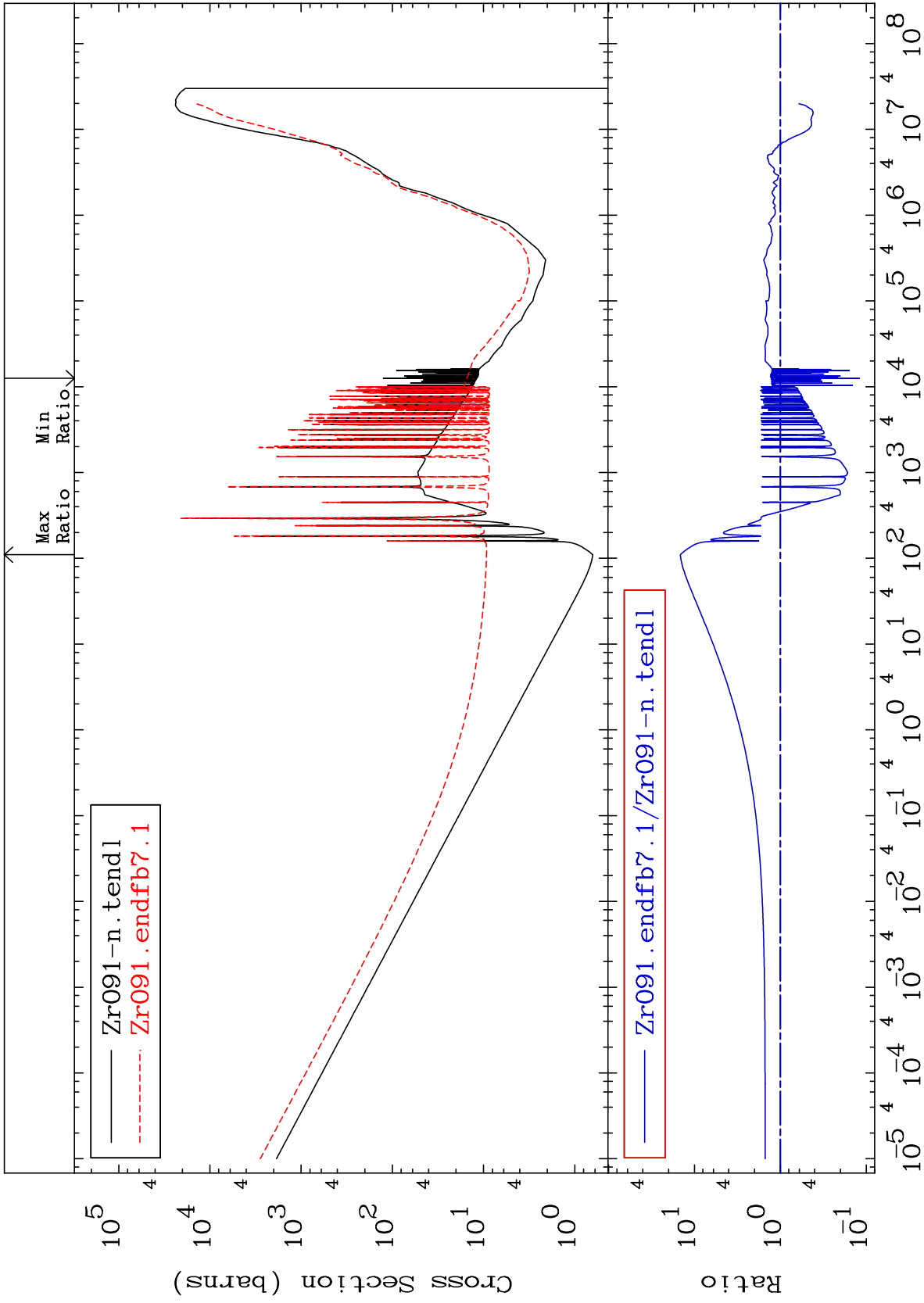
40-Zr-91
-30.78 To 9999. %



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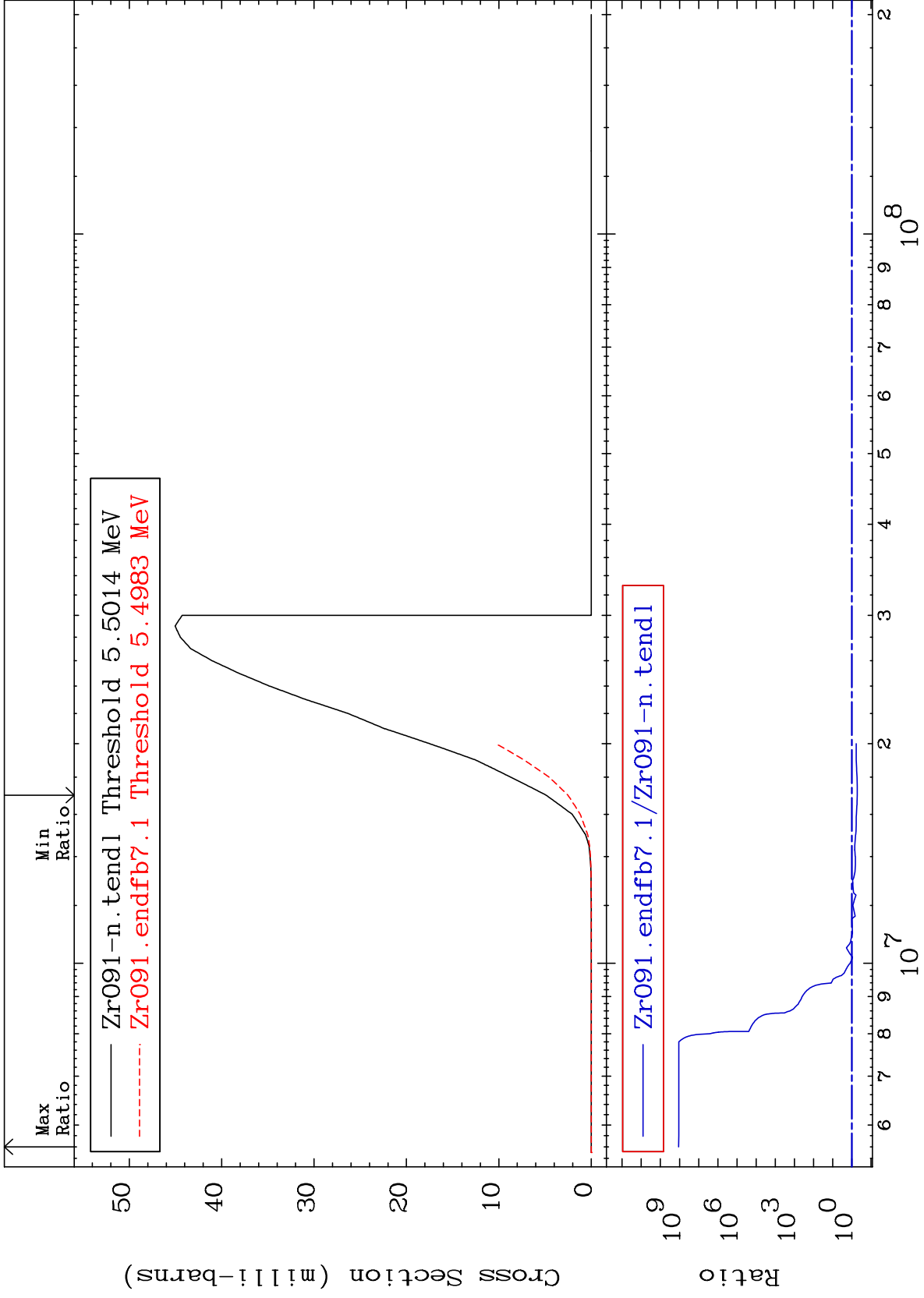
Incident Energy (eV)

40-Zr-91

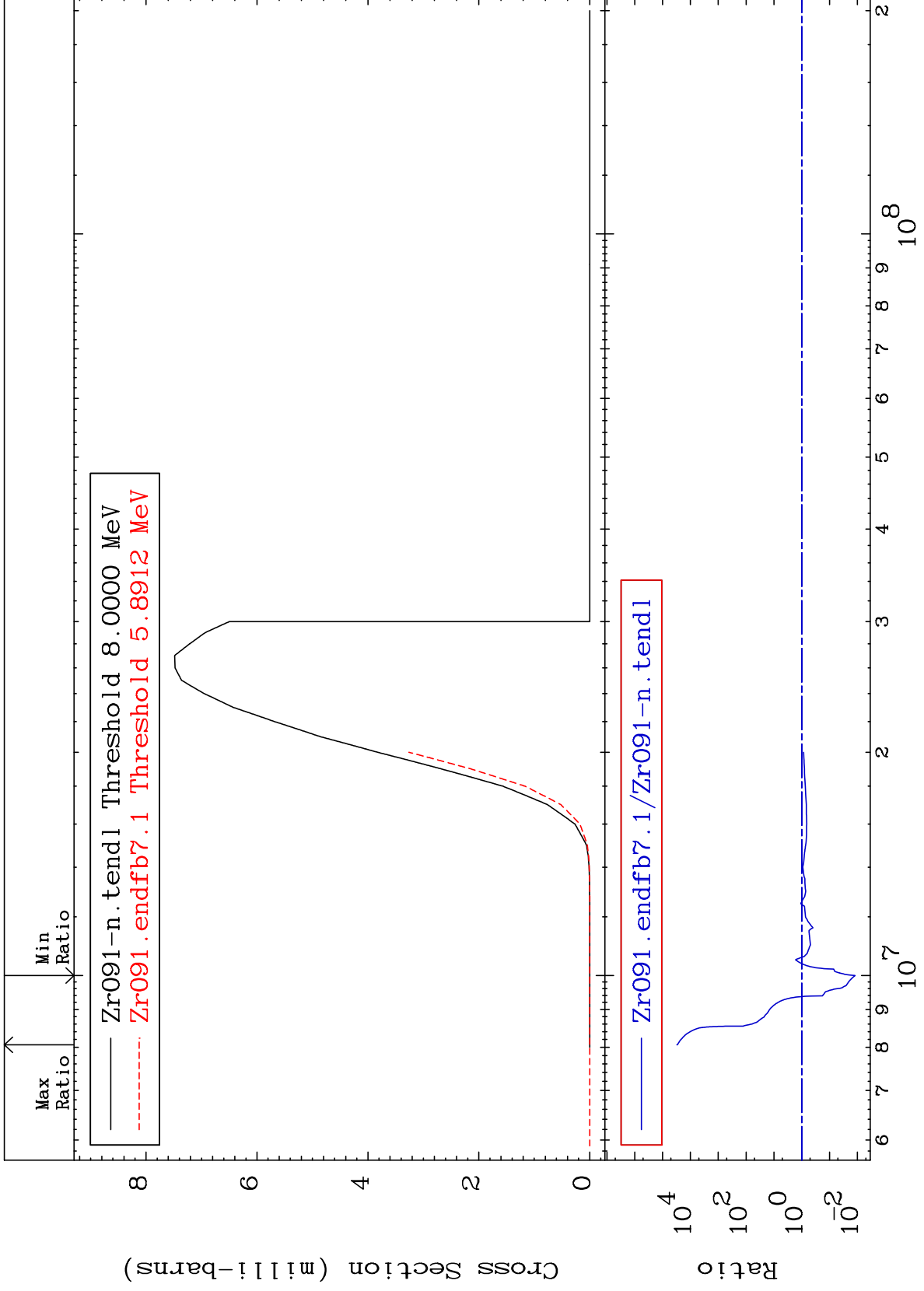


MAT 4028

(n, n') α :38-Sr-87g 40-Zr-91
Radionuclide Production Cross Section -48.42 To 9999. %



Radionuclide Production Cross Section -98.79 To 9999. %

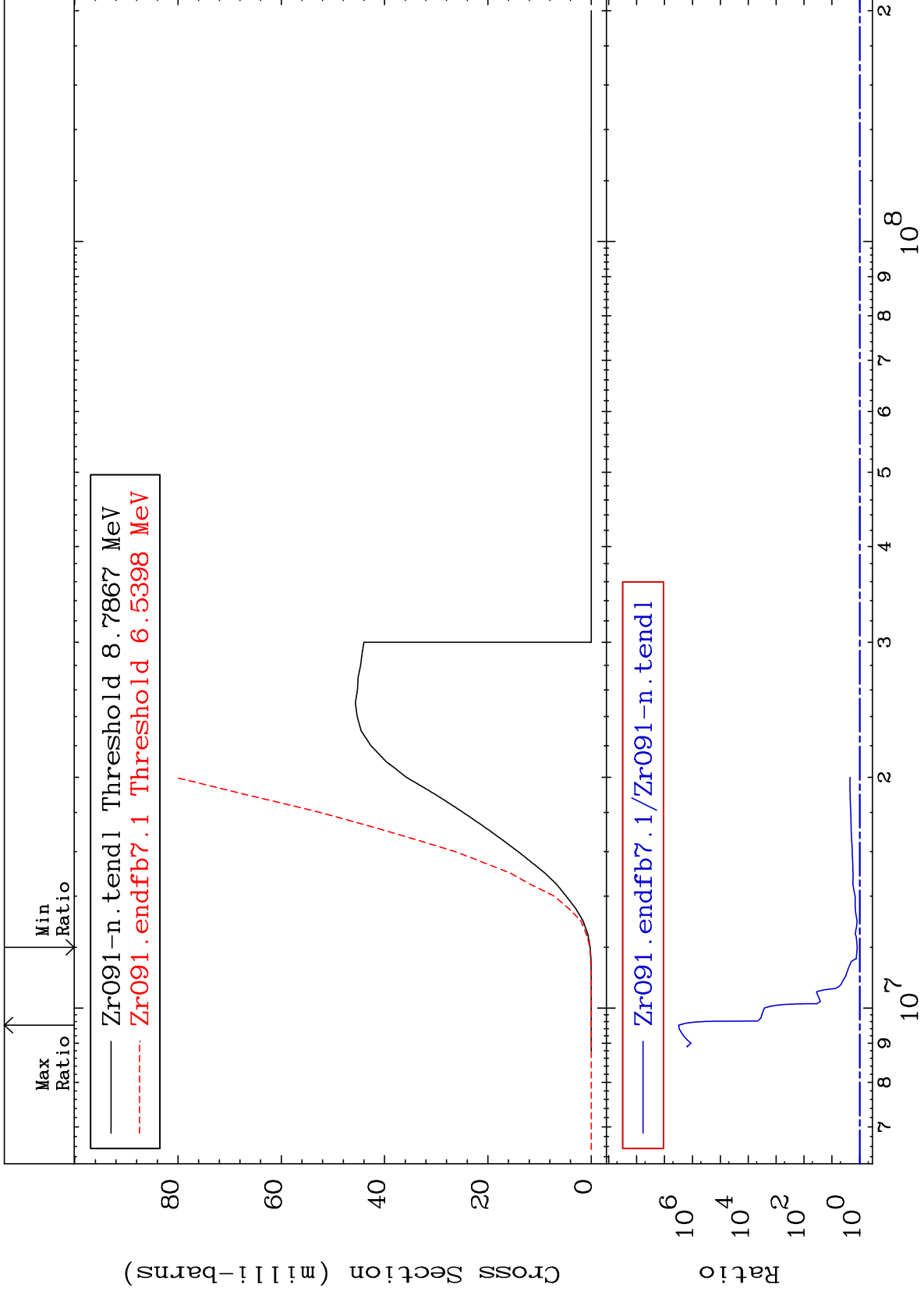


MAT 4028

(n, n') p:39-Y -90g

40-Zr-91

Radionuclide Production Cross Section 23.50 To 9999. %



45

Incident Energy (eV)

40-Zr-91

MAT 4028

(n,2n) p:39-Y -89g 40-Zr-91
Radionuclide Production Cross Section -32.98 To 9999. %

