

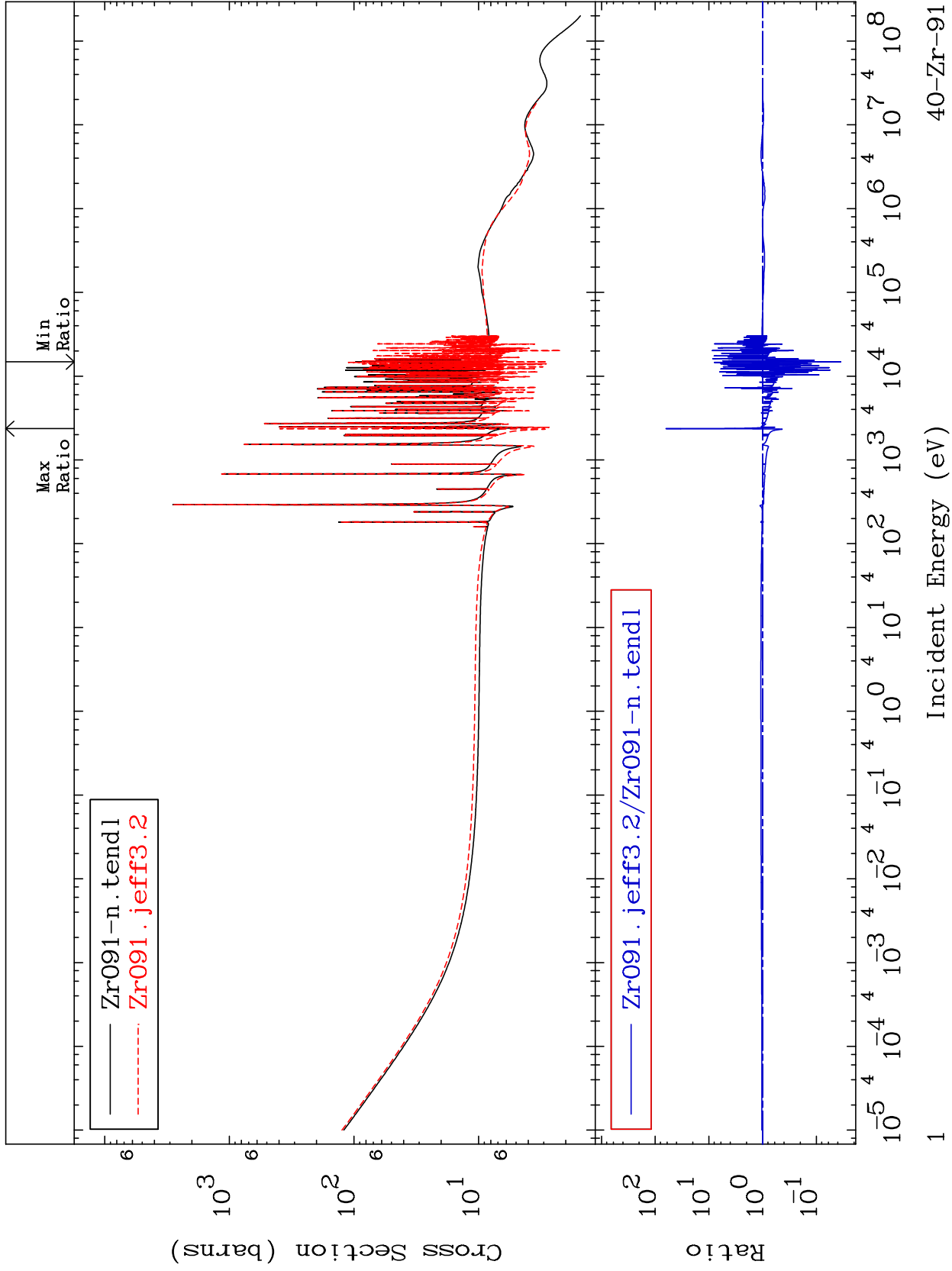
MAT 4028

Total

40-Zr-91

Cross Section

-96.48 To 6210. %

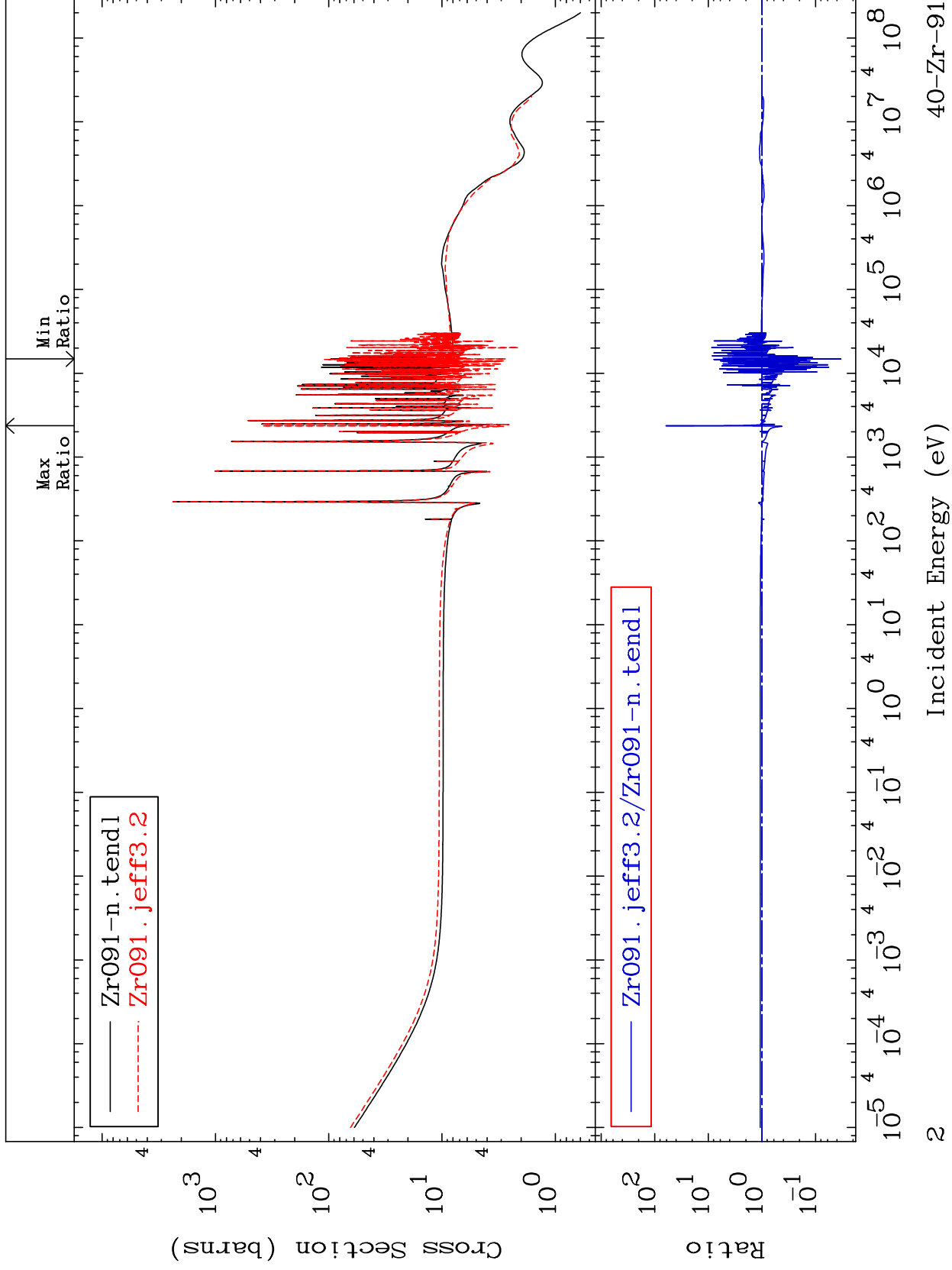


40-Zr-91

MAT 4028

Elastic
Cross Section

40-Zr-91
-96.61 To 6073. %



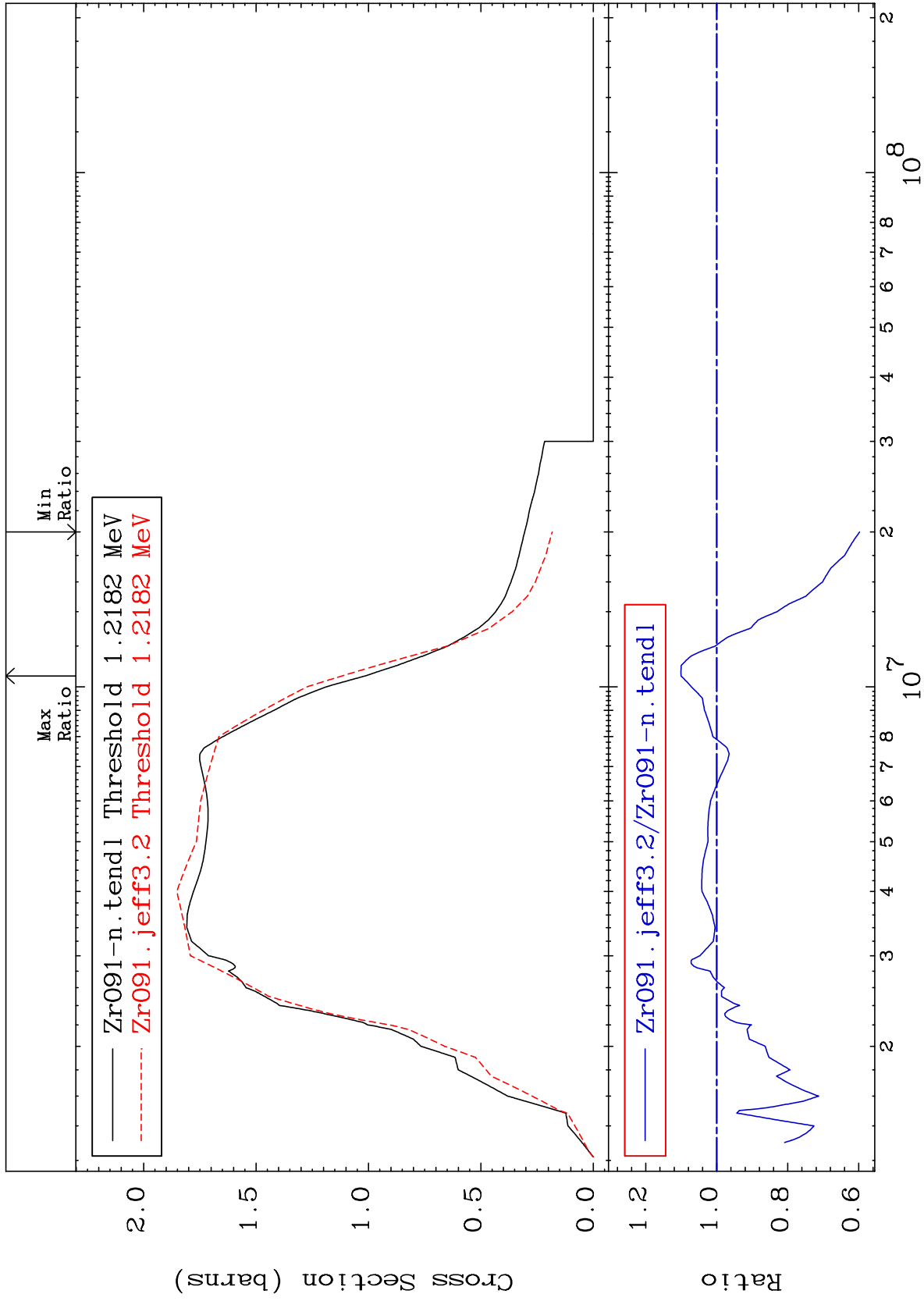
40-Zr-91

Incident Energy (eV)

2

MAT 4028

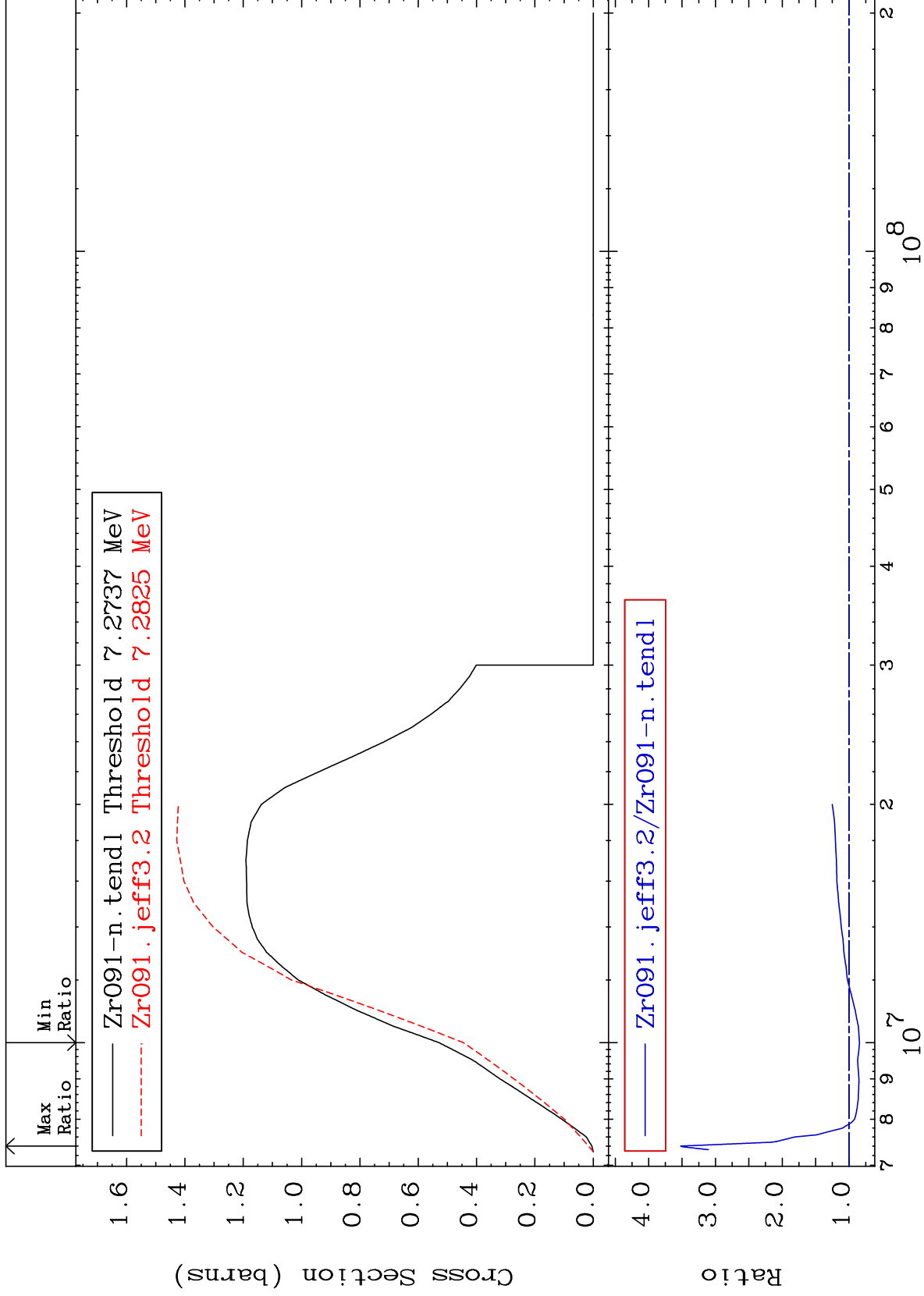
Inelastic Cross Section
40-Zr-91
-40.22 To 10.15 %



MAT 4028

(n,2n)
Cross Section

40-Zr-91
-15.80 To 251.9 %



4

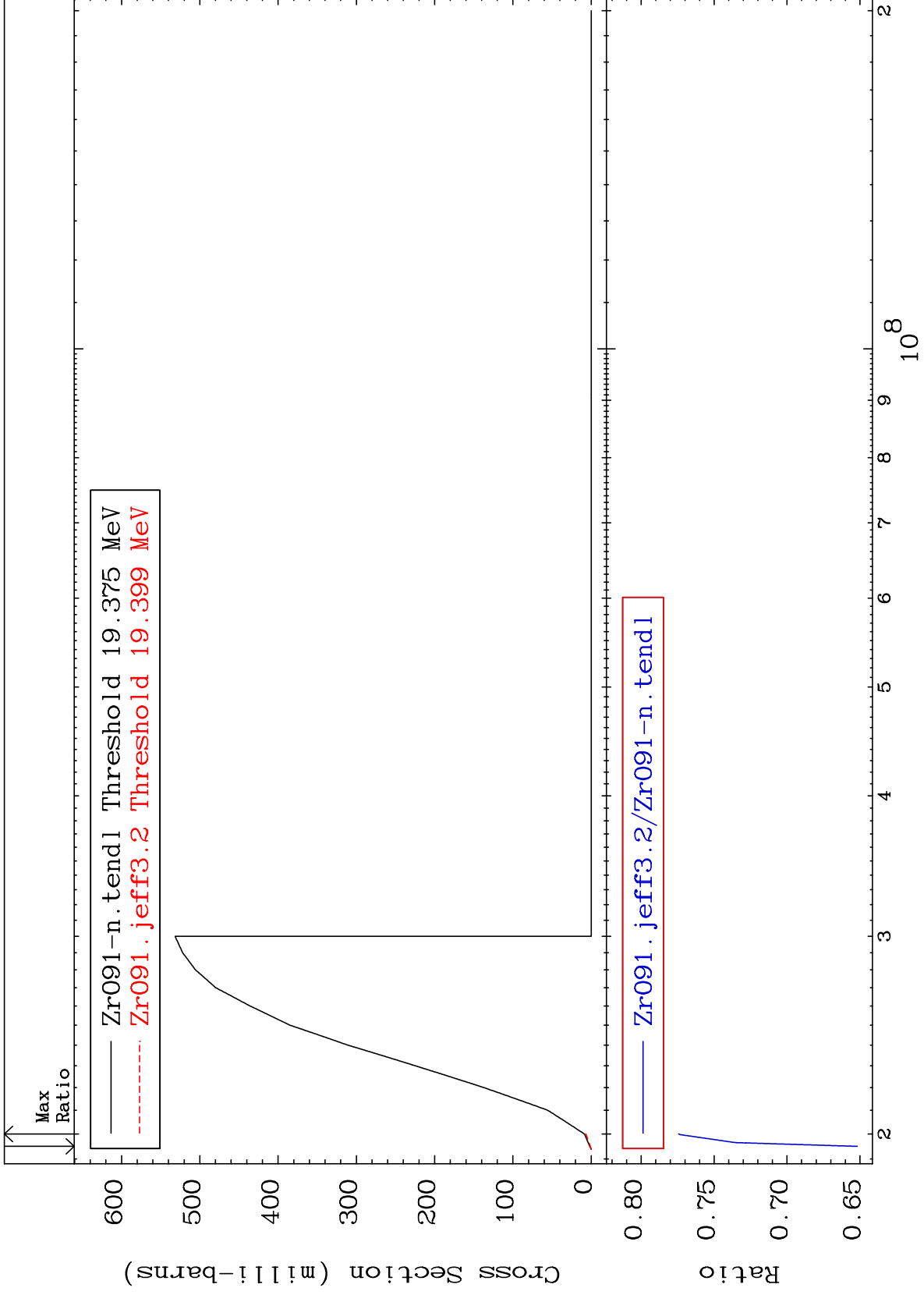
Incident Energy (eV)

40-Zr-91

MAT 4028

(n,3n)
Cross Section

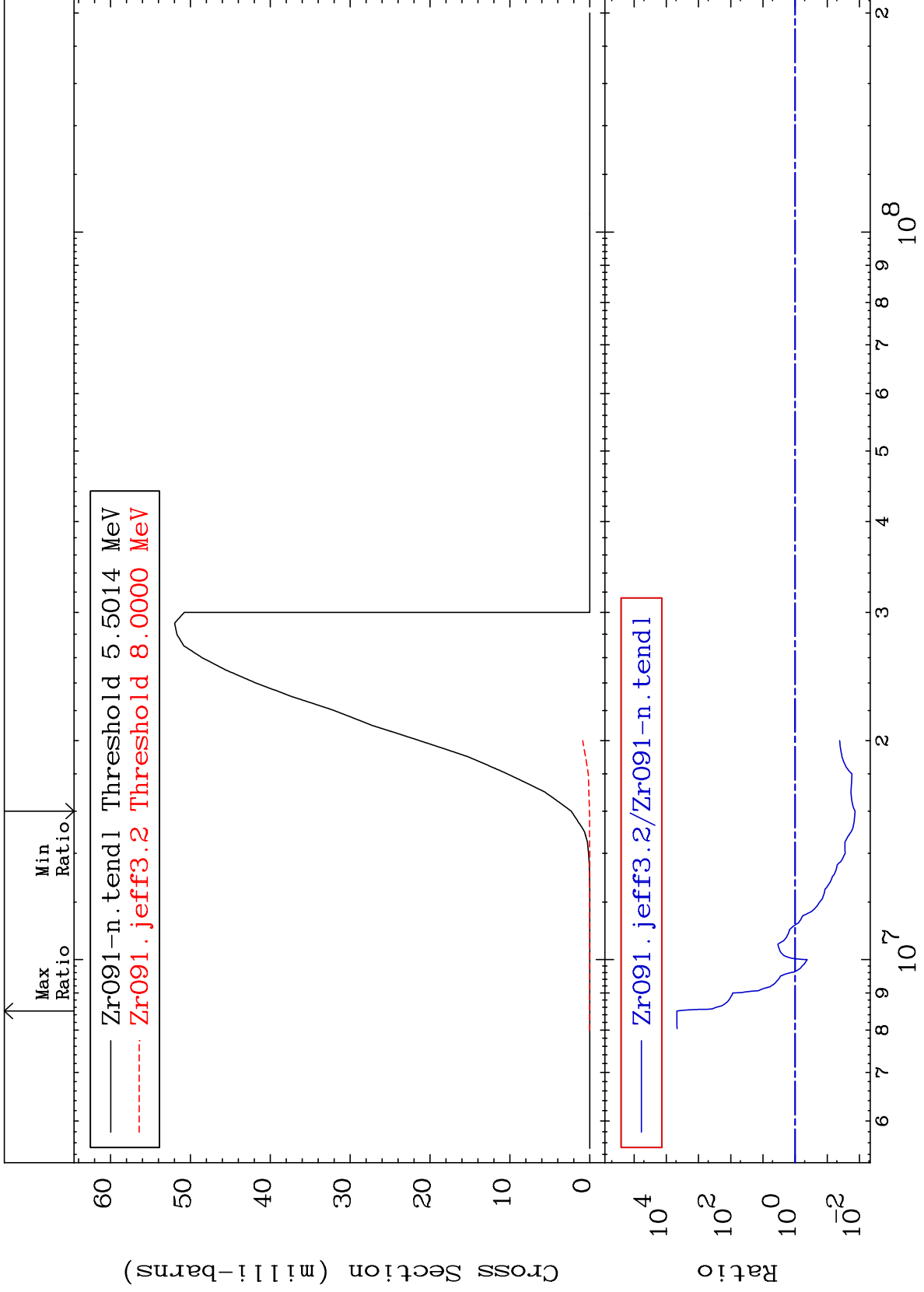
40-Zr-91
-34.82 To -22.57%



MAT 4028

(n, n') α
Cross Section

40-Zr-91
-98.64 To 9999. %



6

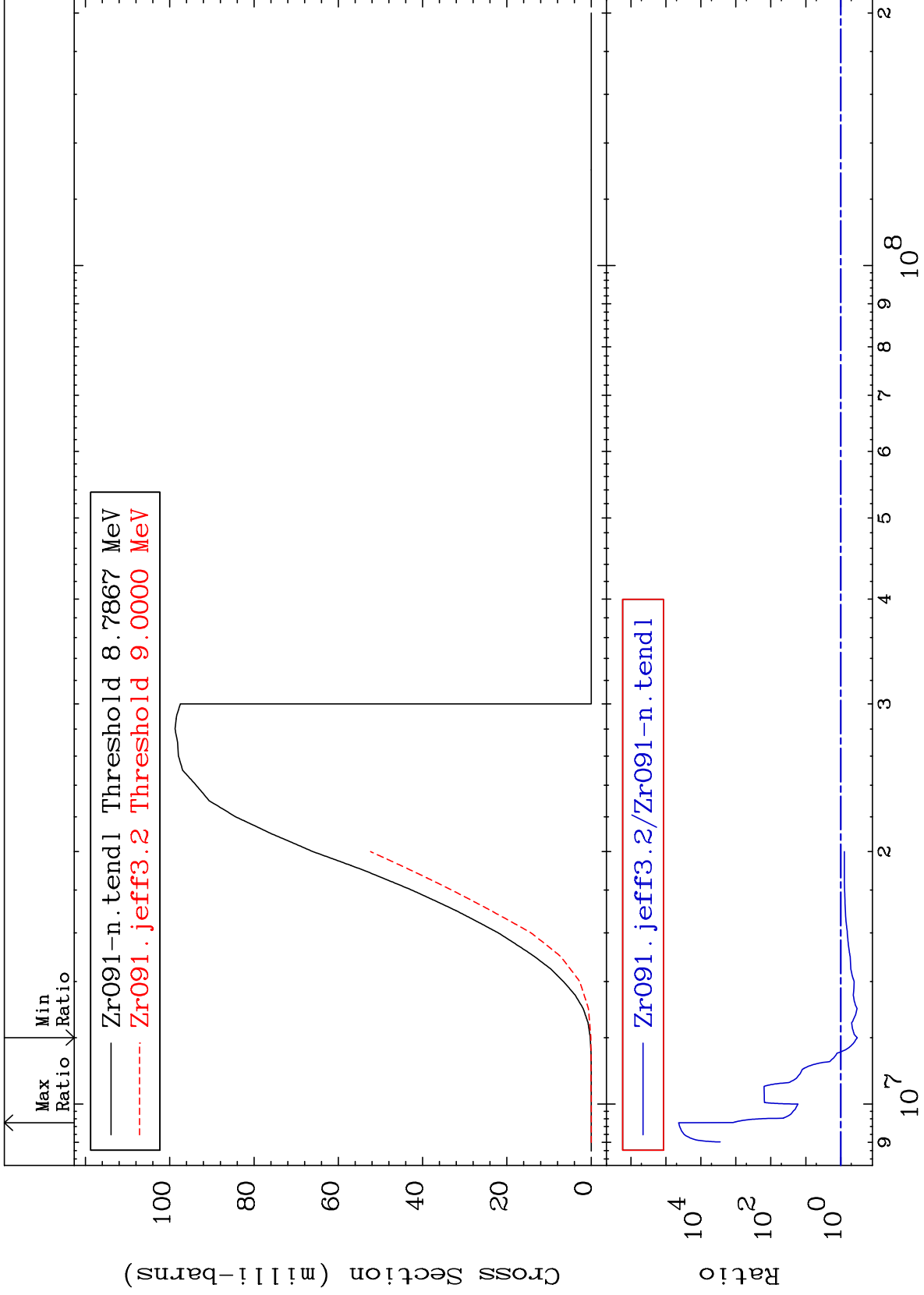
Incident Energy (eV)

40-Zr-91

MAT 4028

(n, n') p
Cross Section

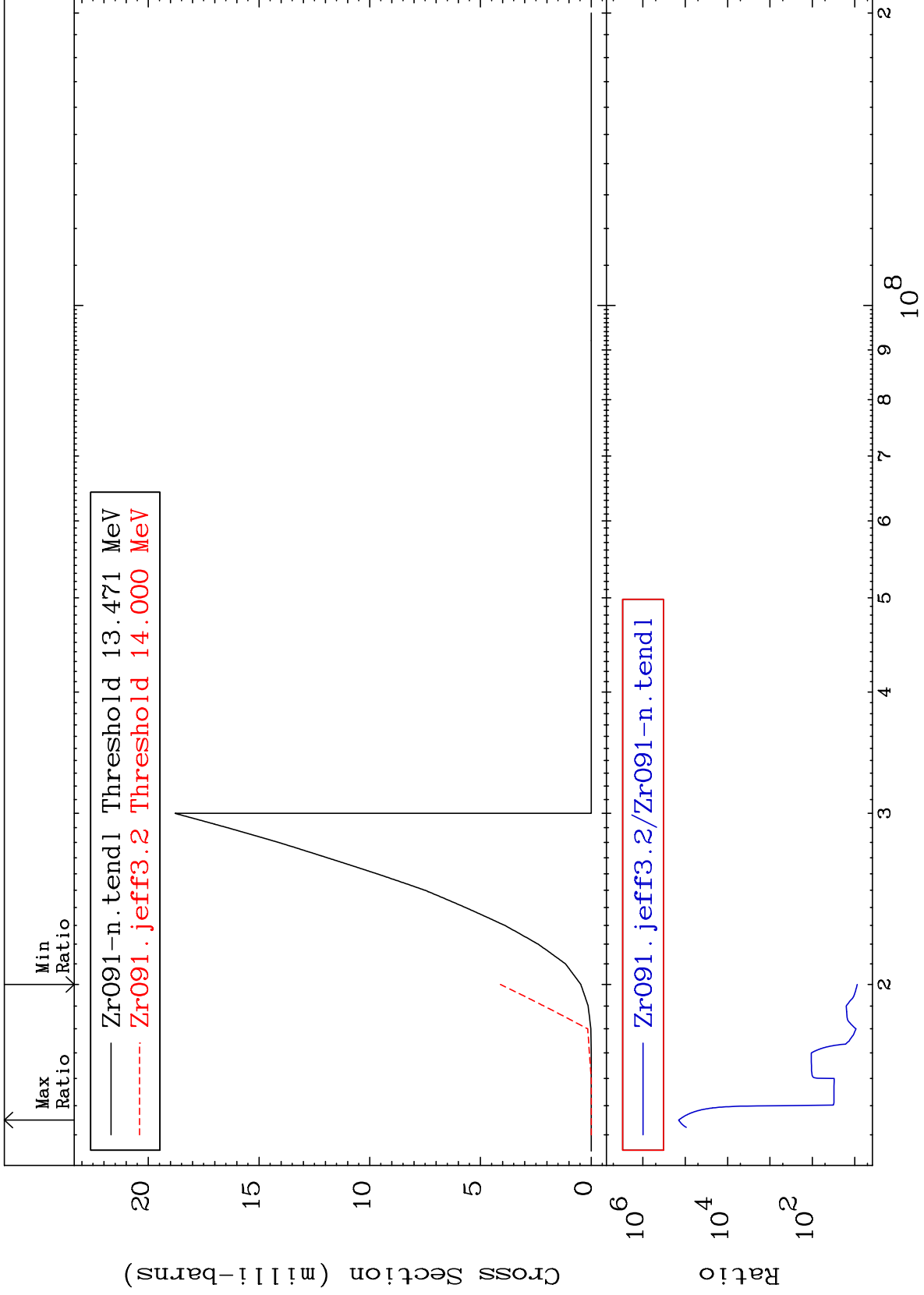
40-Zr-91
-66.25 To 9999. %



MAT 4028

(n, n') d
Cross Section

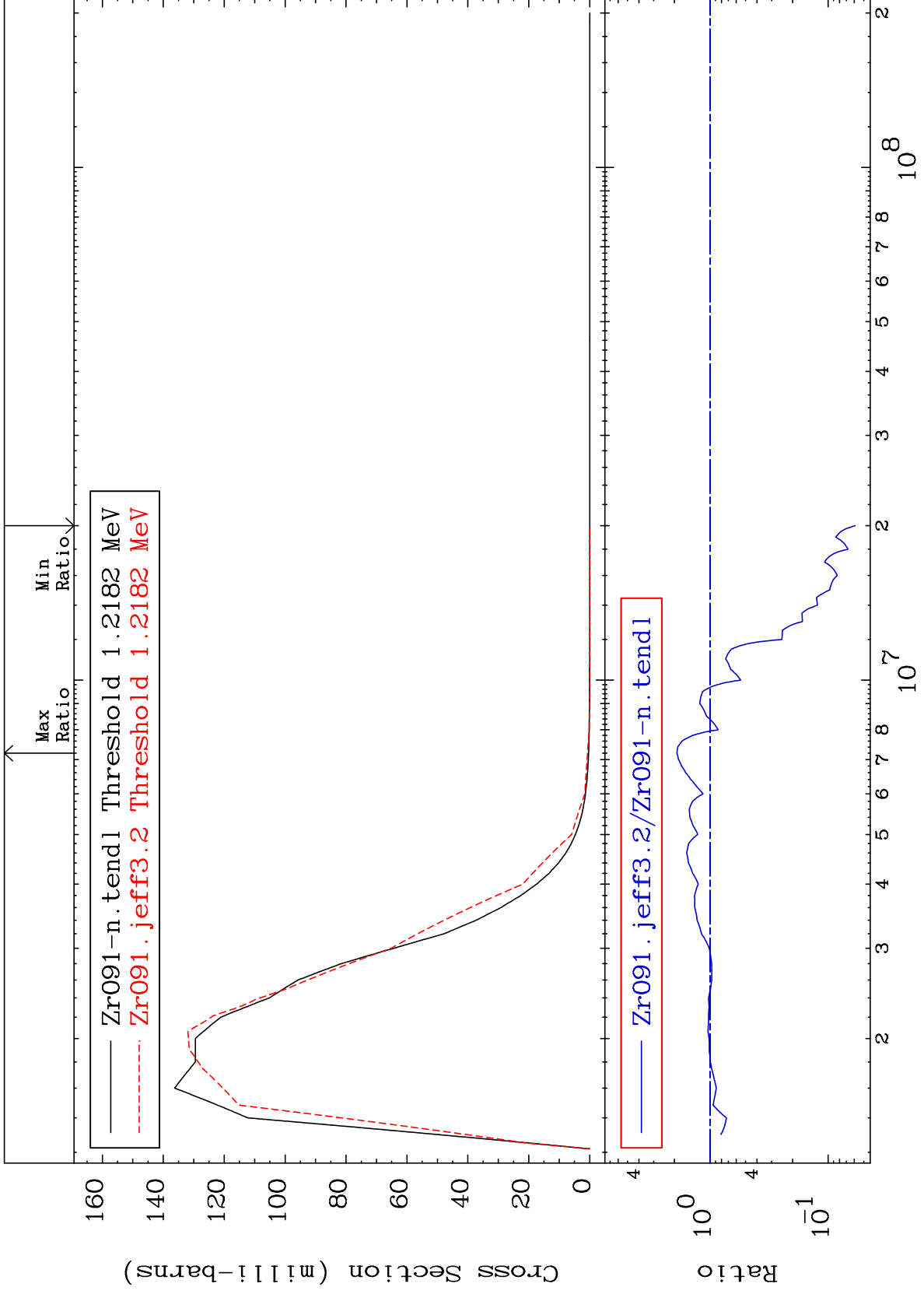
40-Zr-91
771.0 To 9999. %



MAT 4028

1.205 MeV (n,n') Level
Cross Section

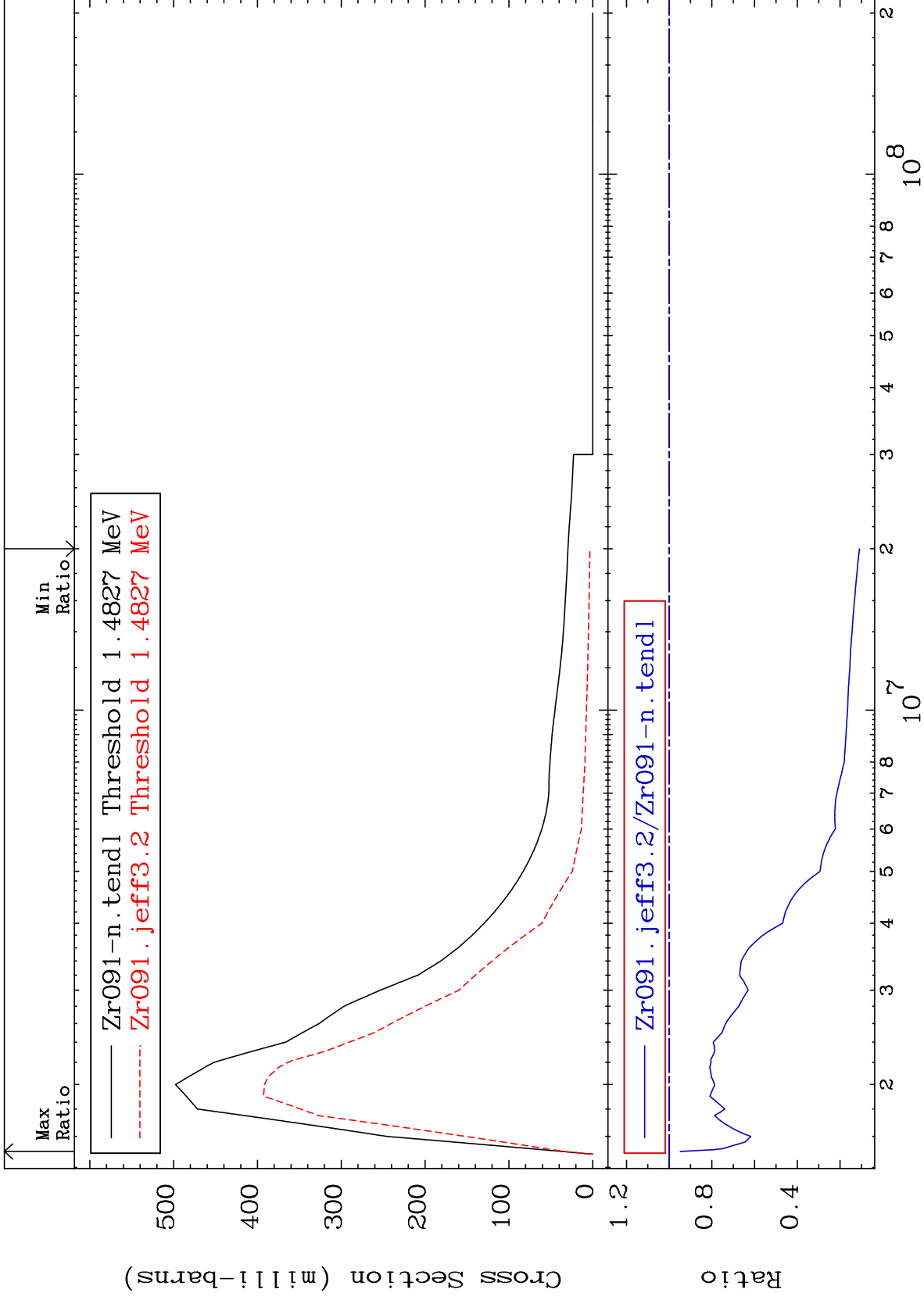
40-Zr-91
-94.09 To 90.56 %



MAT 4028

1.466 MeV (n,n') Level
Cross Section

40-Zr-91
-89.05 To -5.245%



10

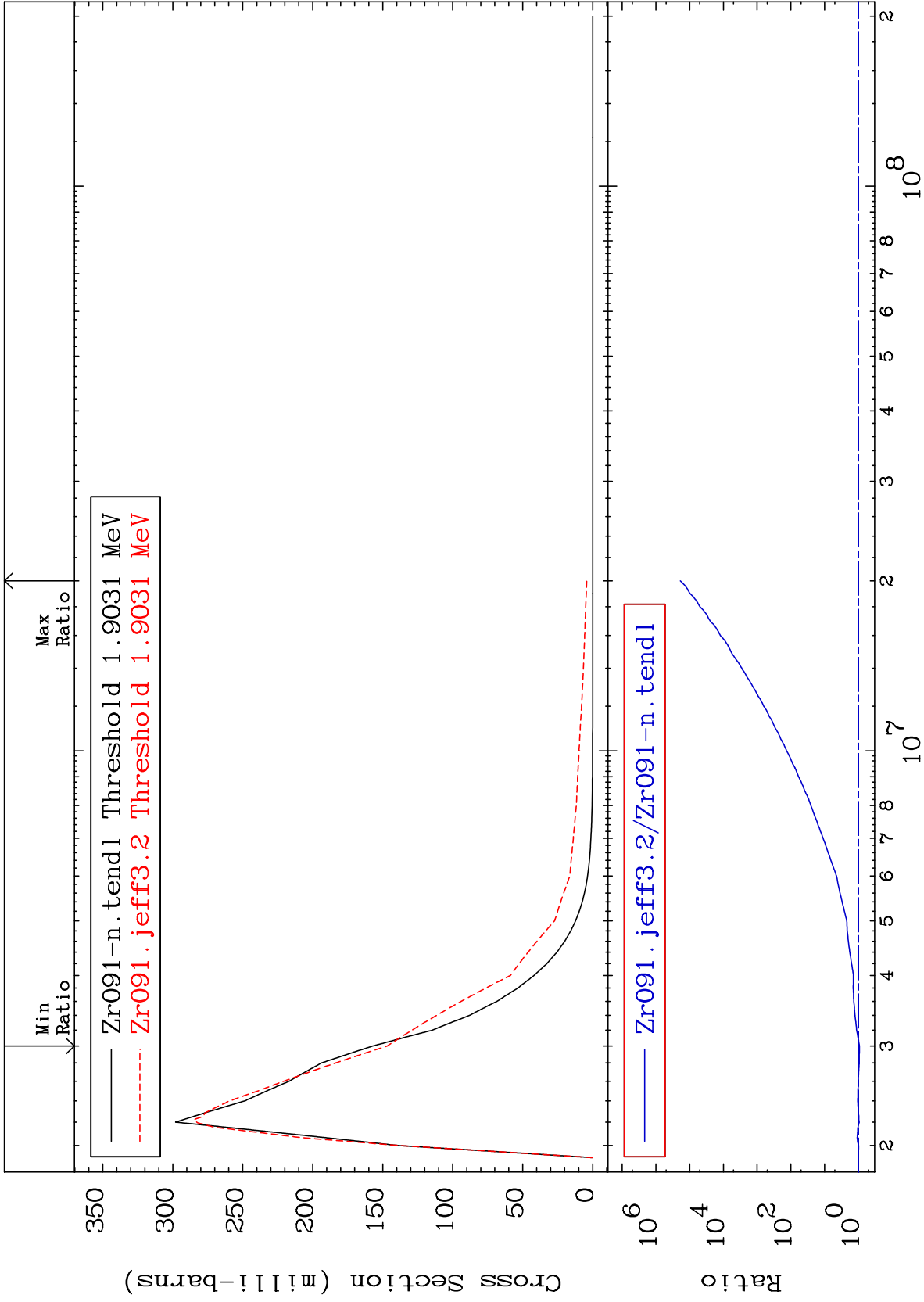
40-Zr-91

40-Zr-91

MAT 4028

1.882 MeV (n,n') Level
Cross Section

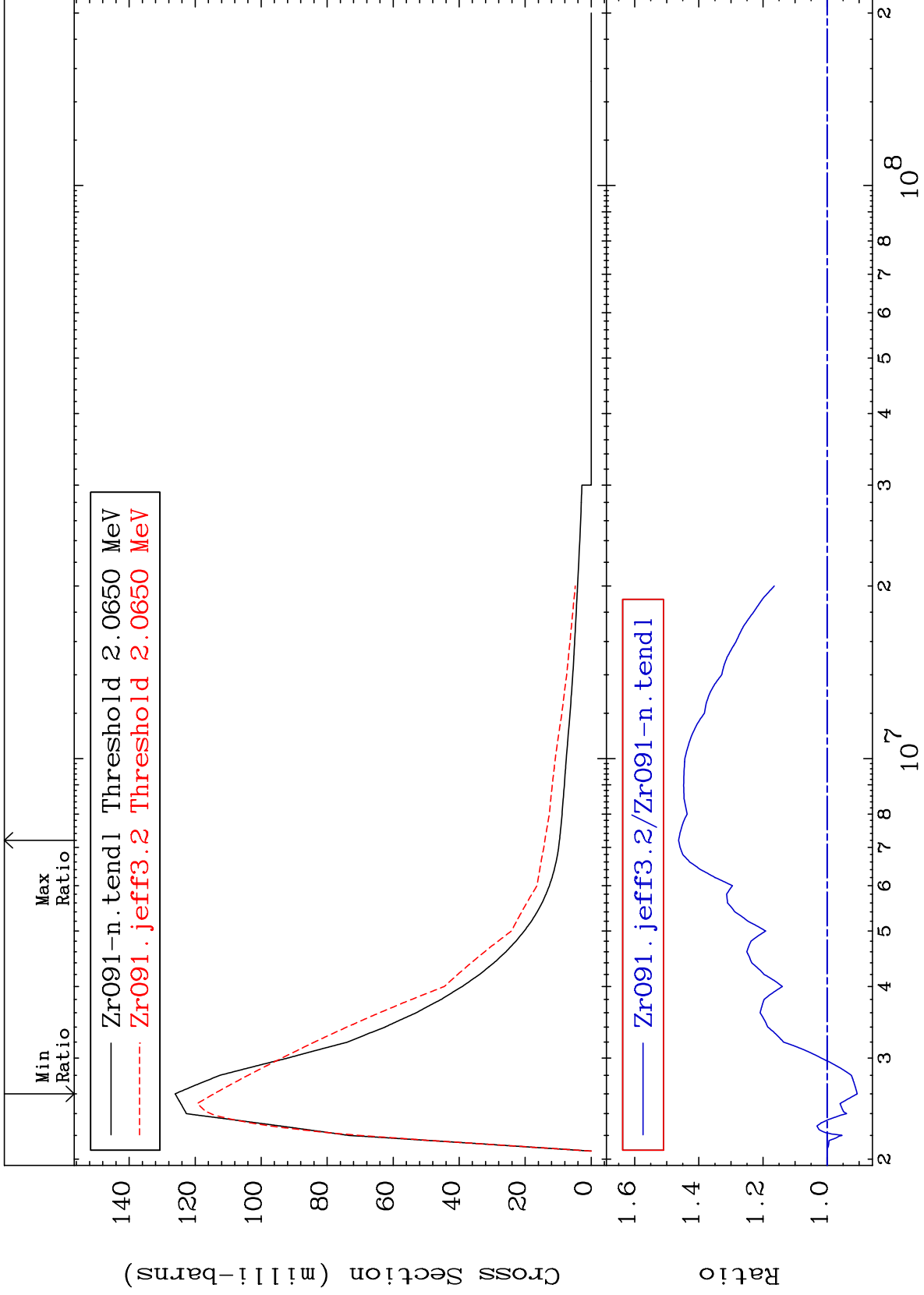
40-Zr-91
-6.609 To 9999. %



MAT 4028

2.042 MeV (n,n') Level
Cross Section

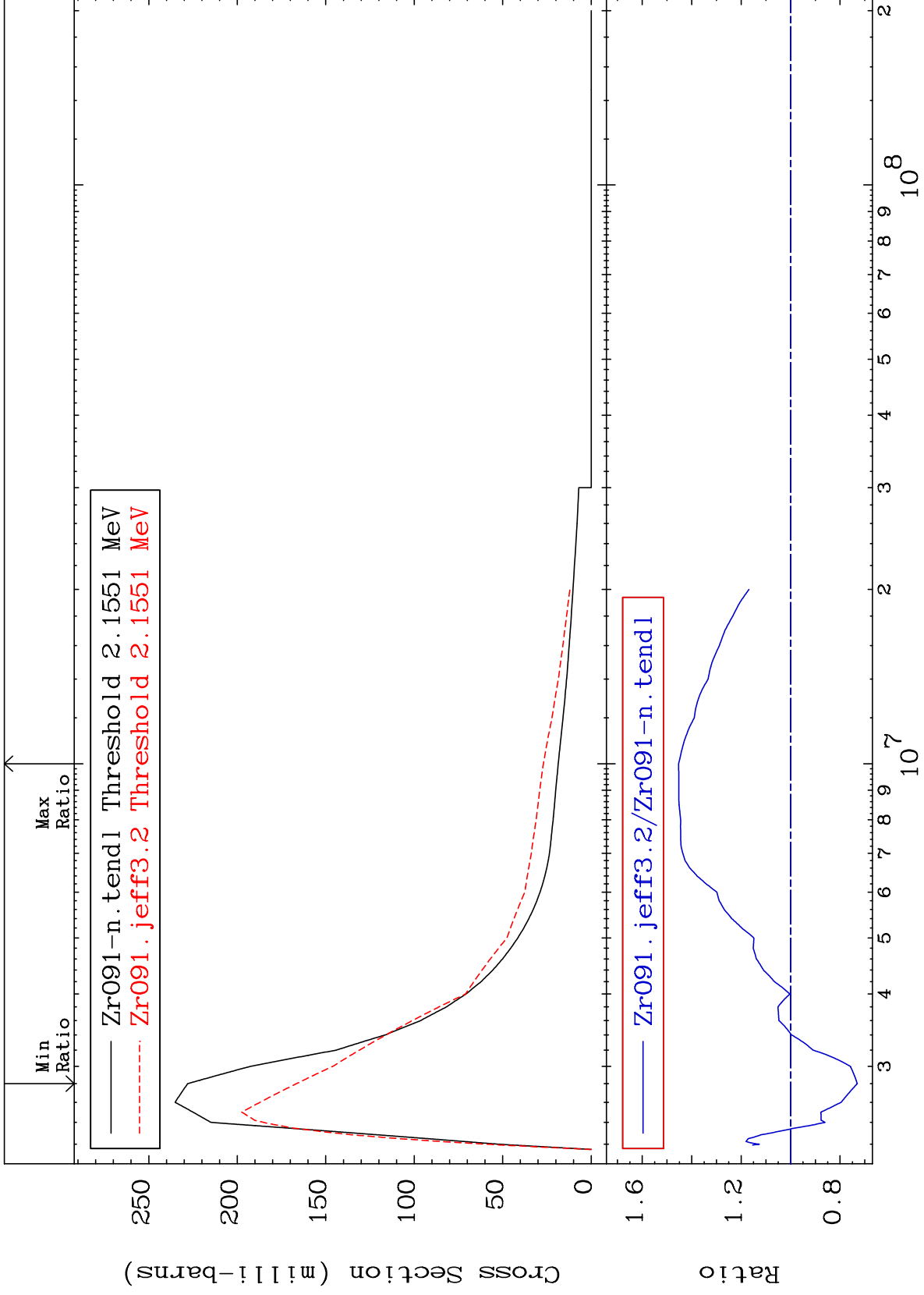
40-Zr-91
-9.396 To 46.31 %



MAT 4028

2.131 MeV (n,n') Level
Cross Section

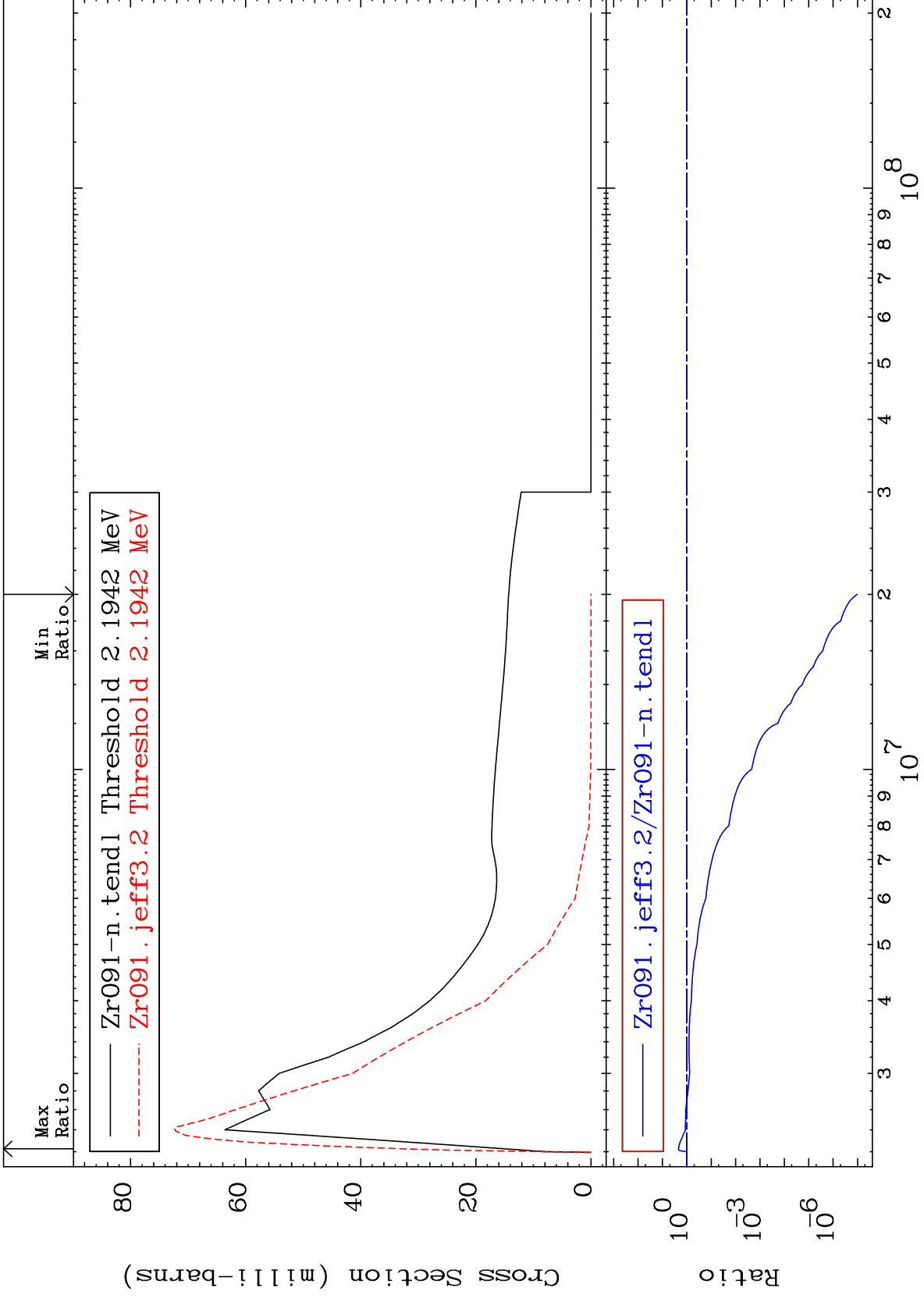
40-Zr-91
-26.94 To 45.29 %



MAT 4028

2.170 MeV (n,n') Level
Cross Section

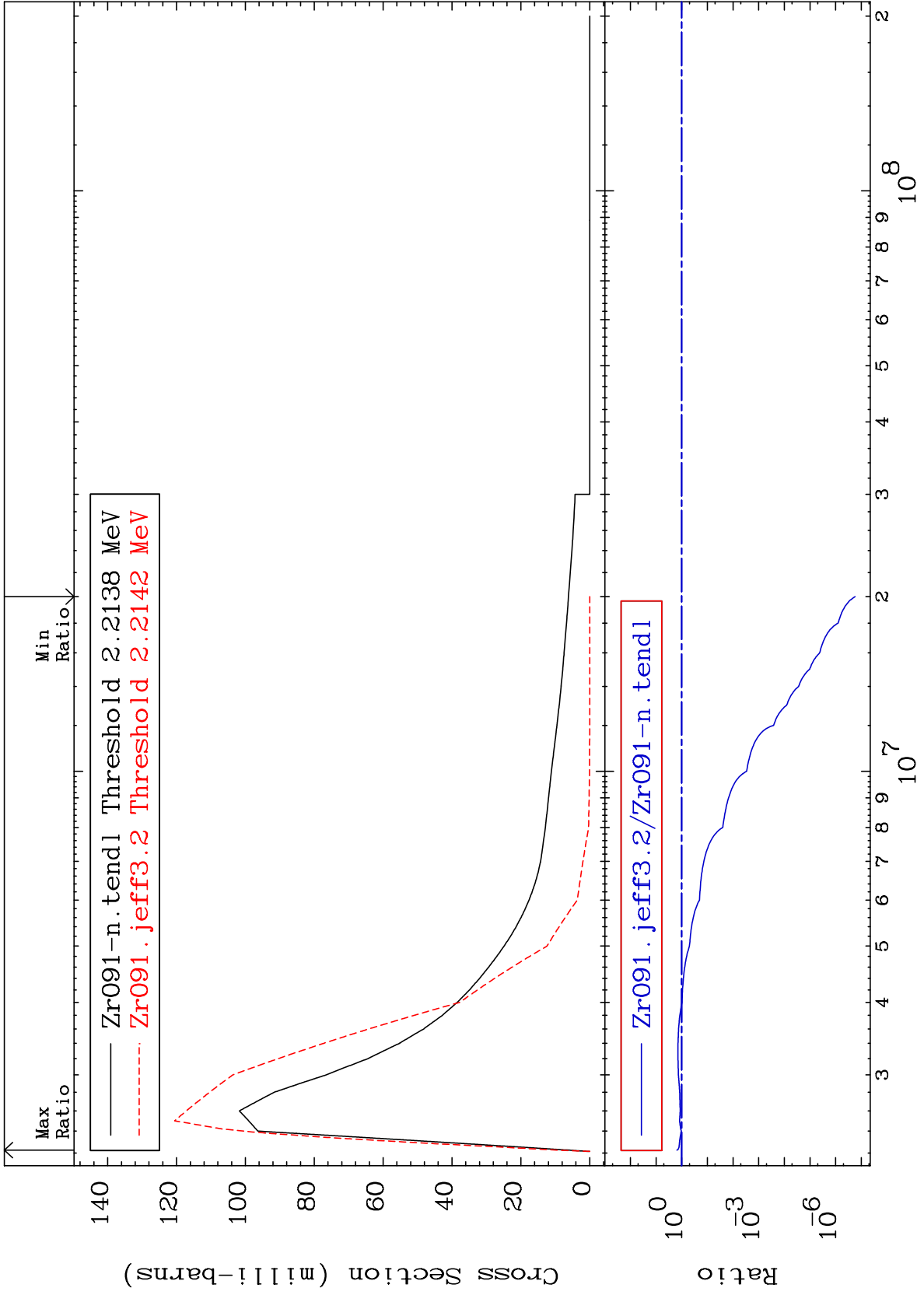
40-Zr-91
-100.0 To 120.3 %



MAT 4028

2.190 MeV (n,n') Level
Cross Section

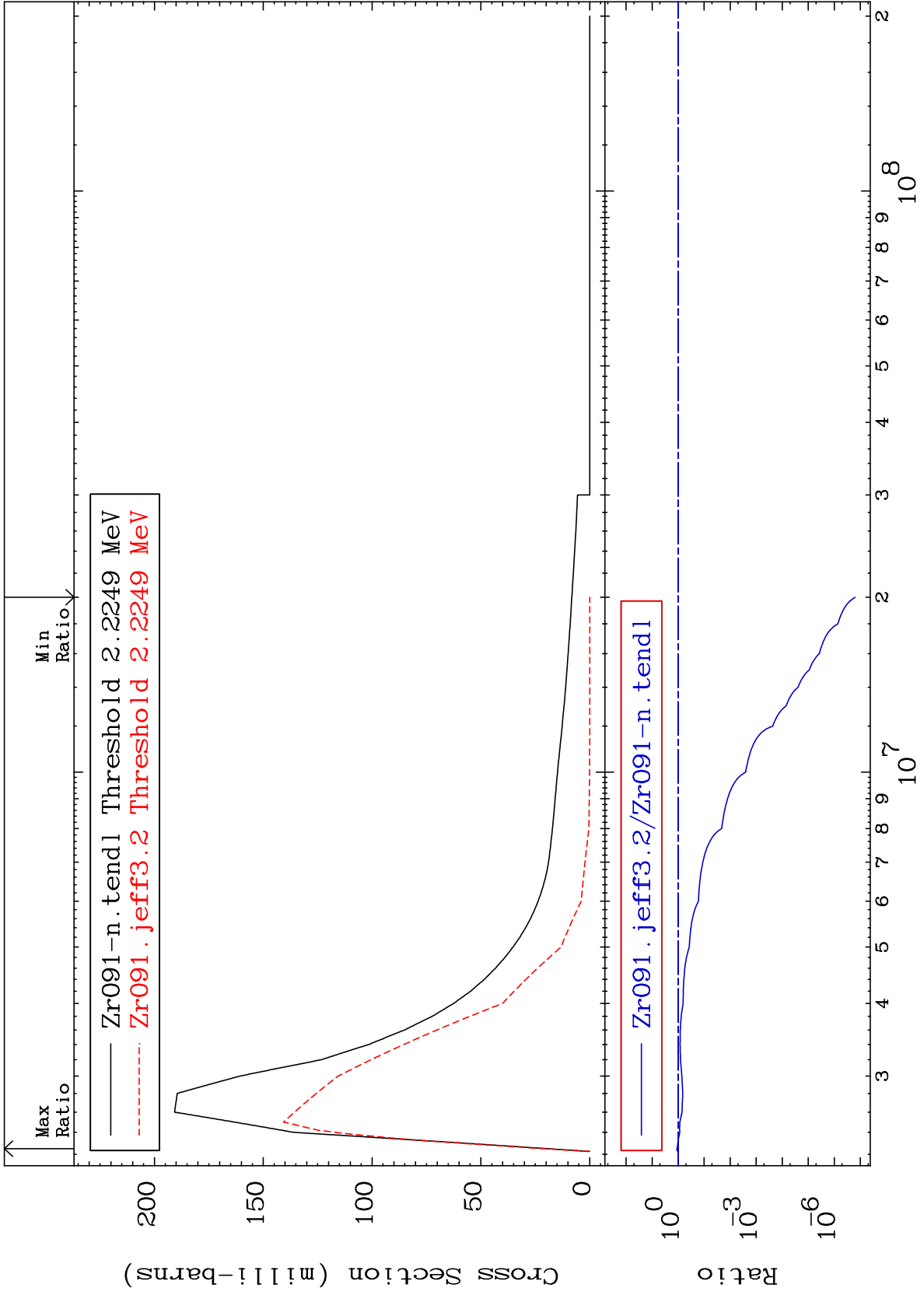
40-Zr-91
-100.0 To 54.21 %



MAT 4028

2.201 MeV (n,n') Level
Cross Section

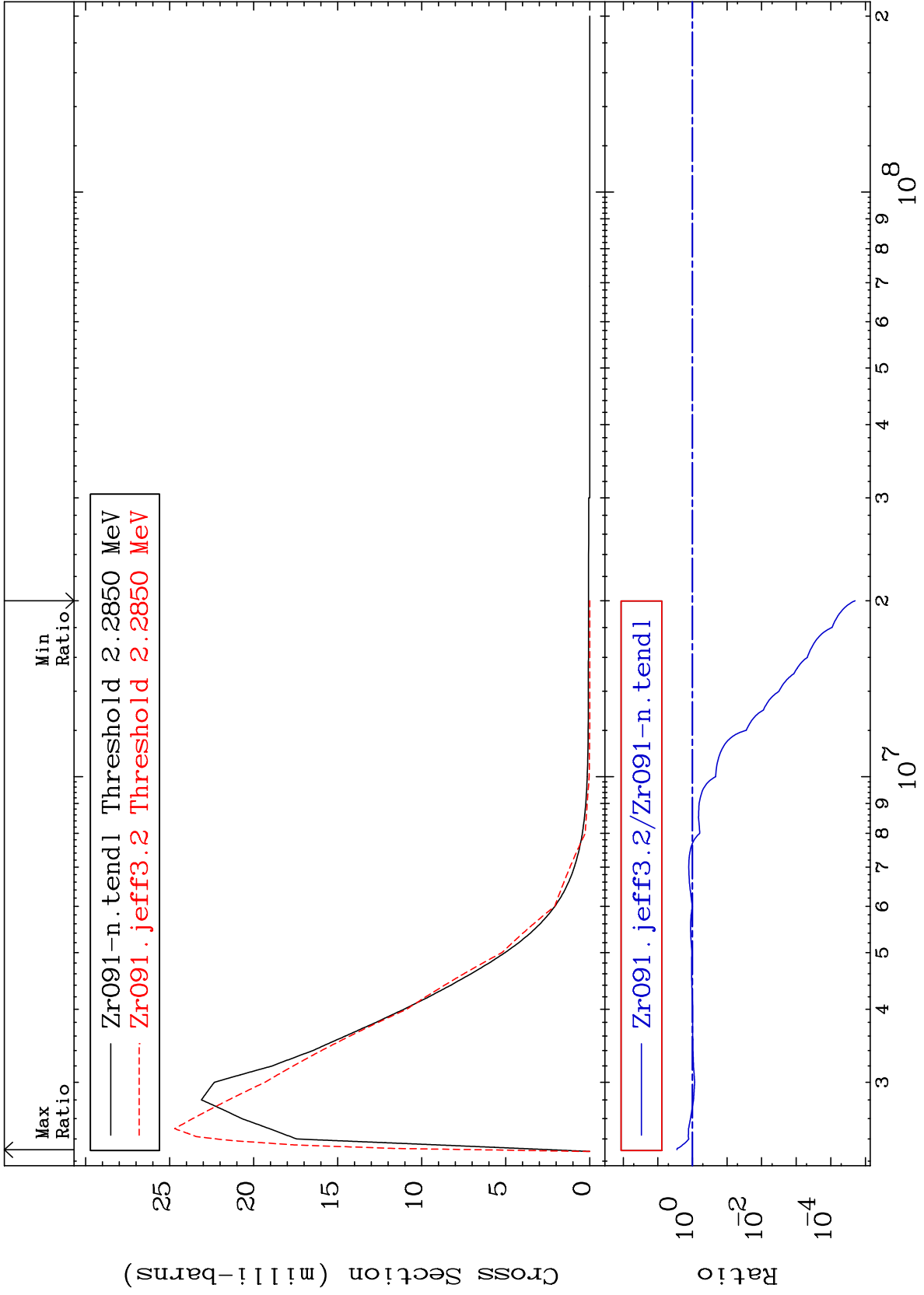
40-Zr-91
-100.0 To 11.11 %



MAT 4028

2.260 MeV (n,n') Level
Cross Section

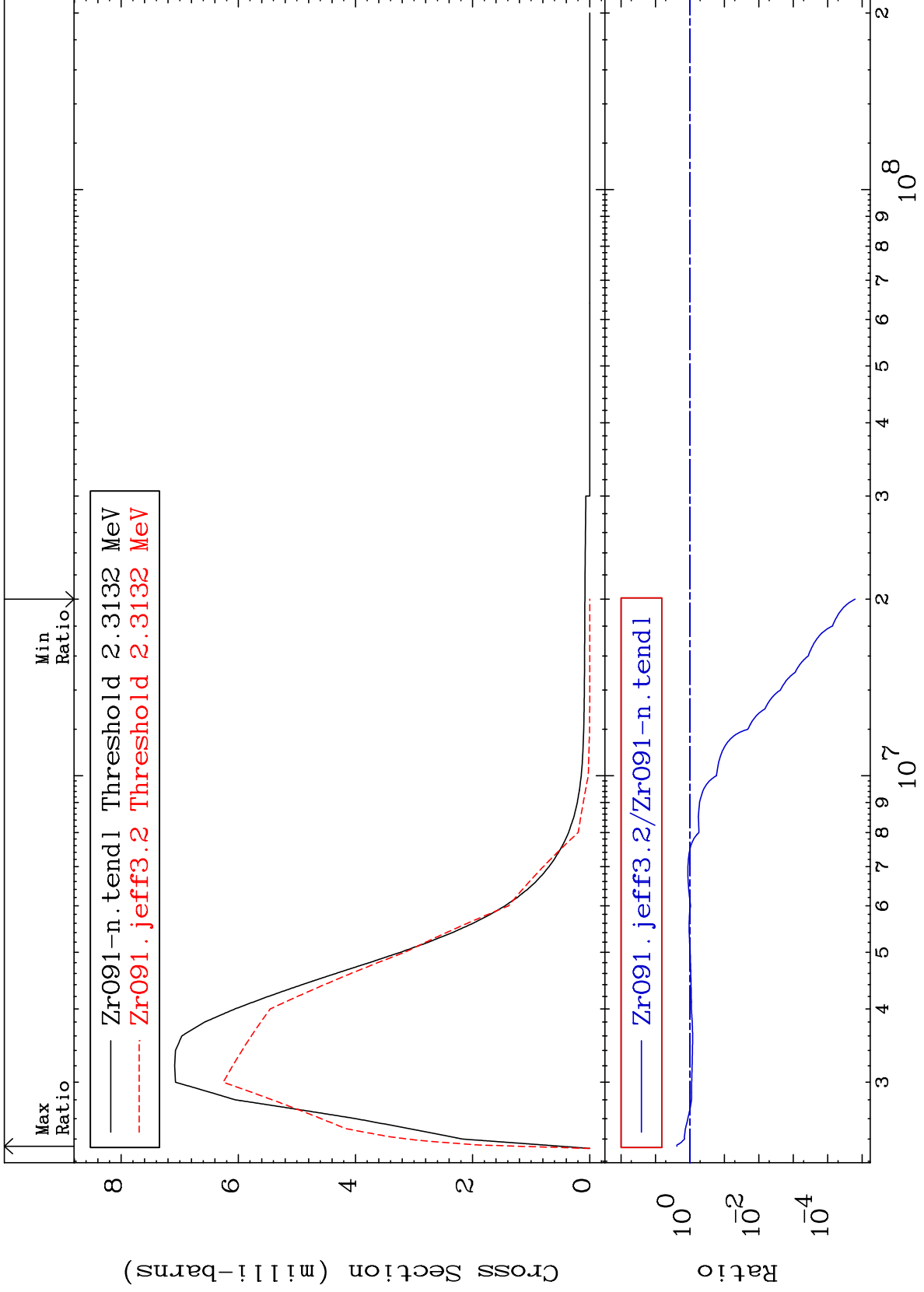
40-Zr-91
-100.0 To 181.0 %



MAT 4028

2.288 MeV (n,n') Level
Cross Section

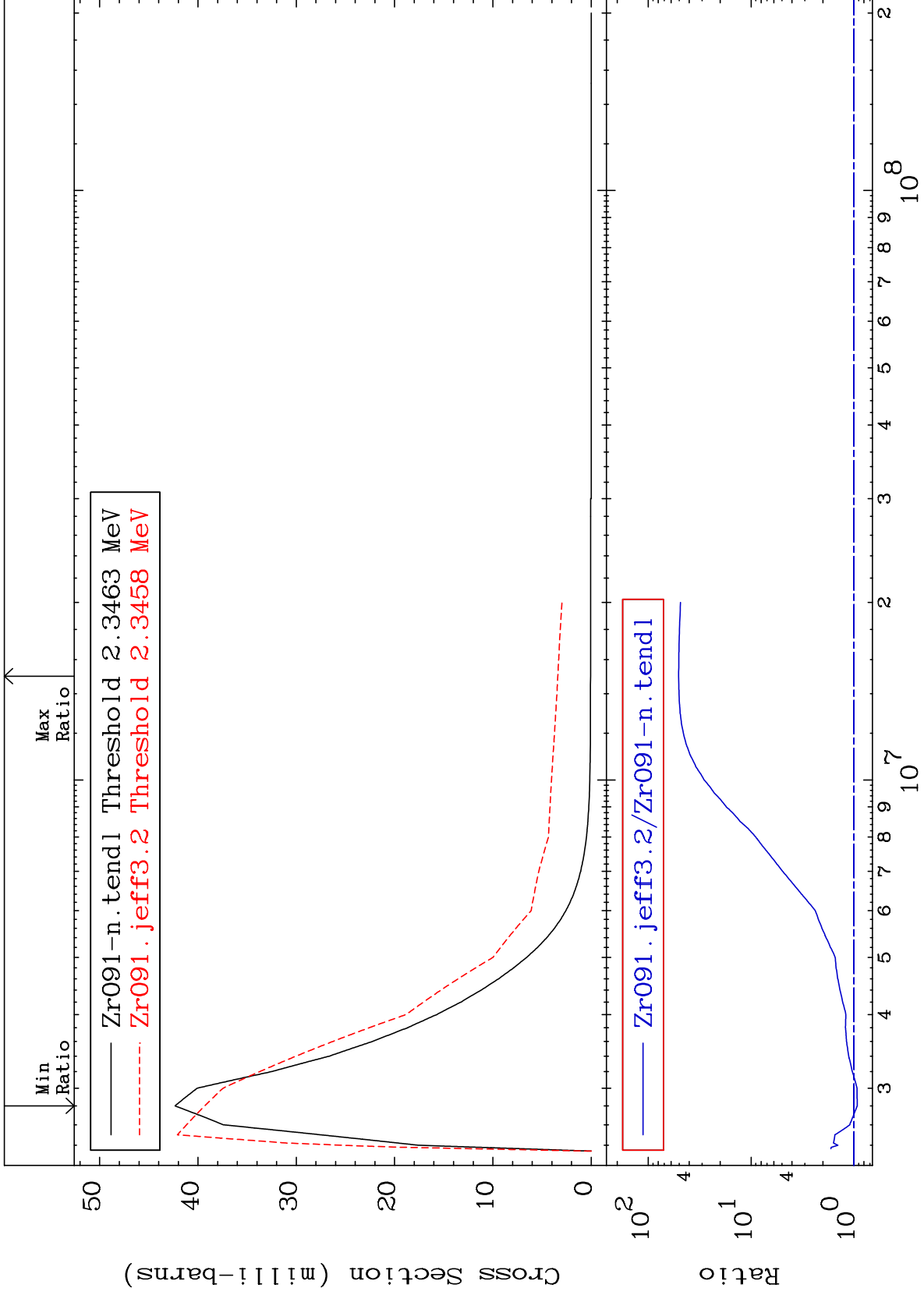
40-Zr-91
-100.0 To 137.3 %



MAT 4028

2.321 MeV (n,n') Level
Cross Section

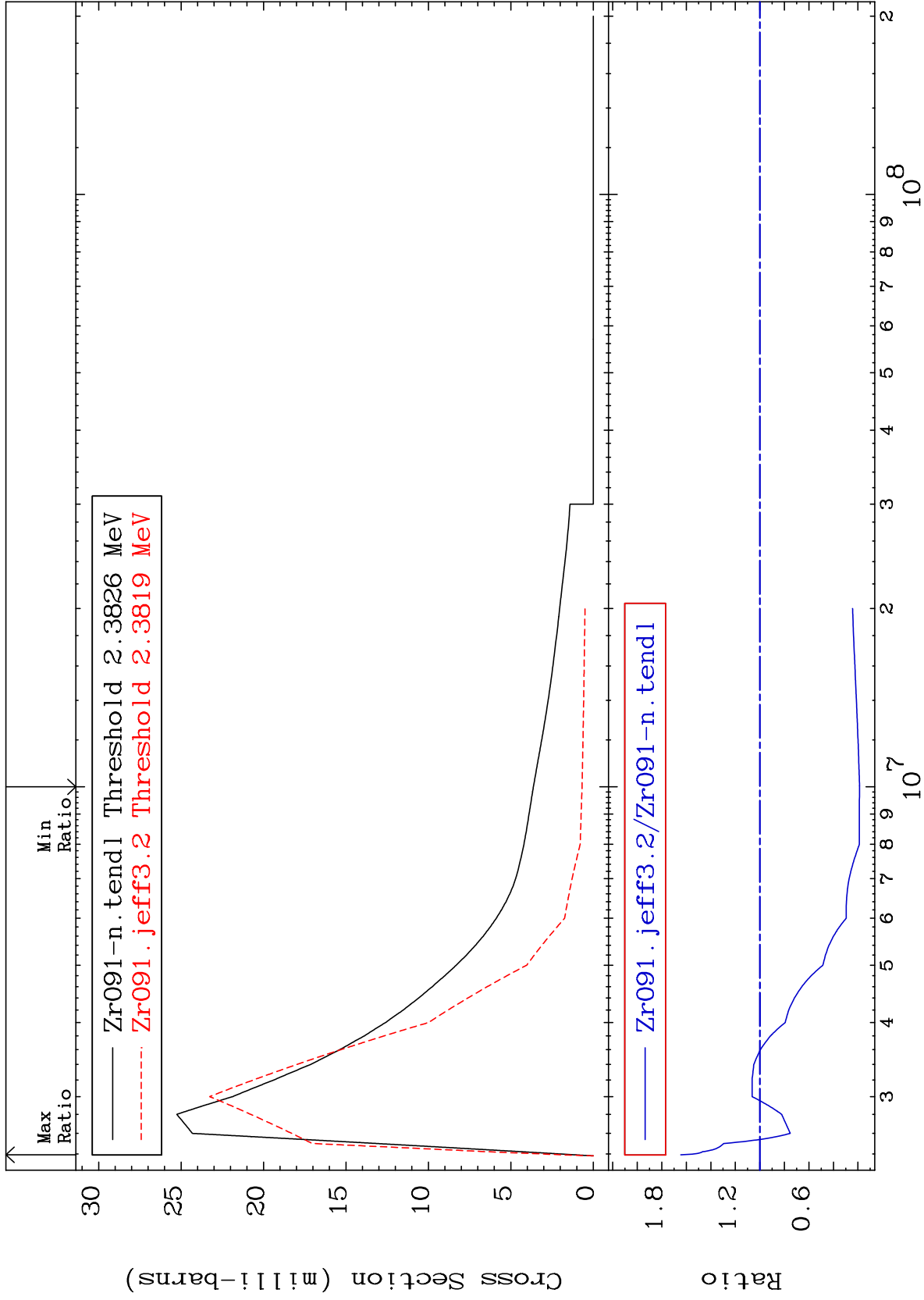
40-Zr-91
-7.148 To 4966. %



MAT 4028

2.356 MeV (n,n') Level
Cross Section

40-Zr-91
-81.29 To 64.50 %



20

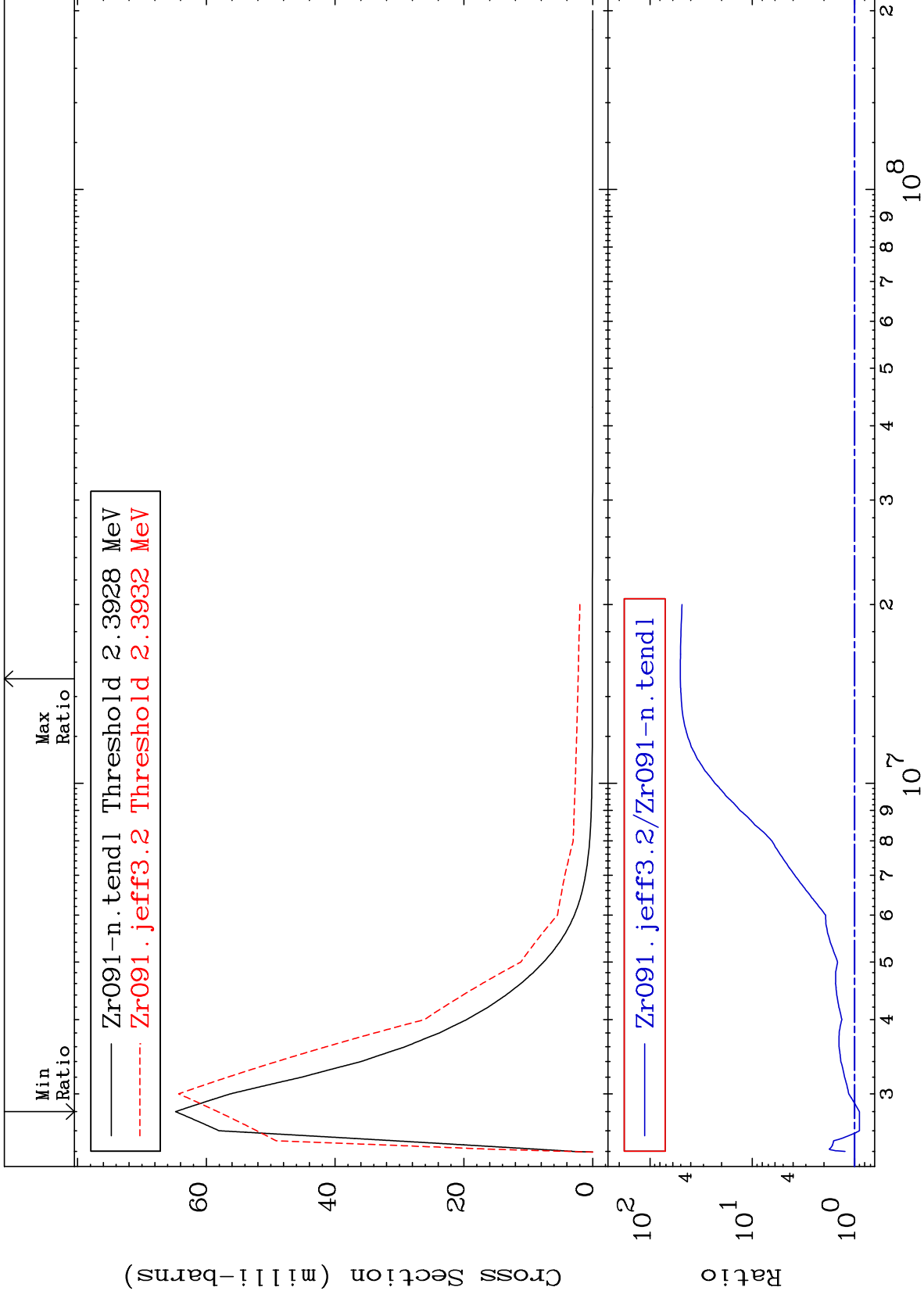
Incident Energy (eV)

40-Zr-91

MAT 4028

2.367 MeV (n,n') Level
Cross Section

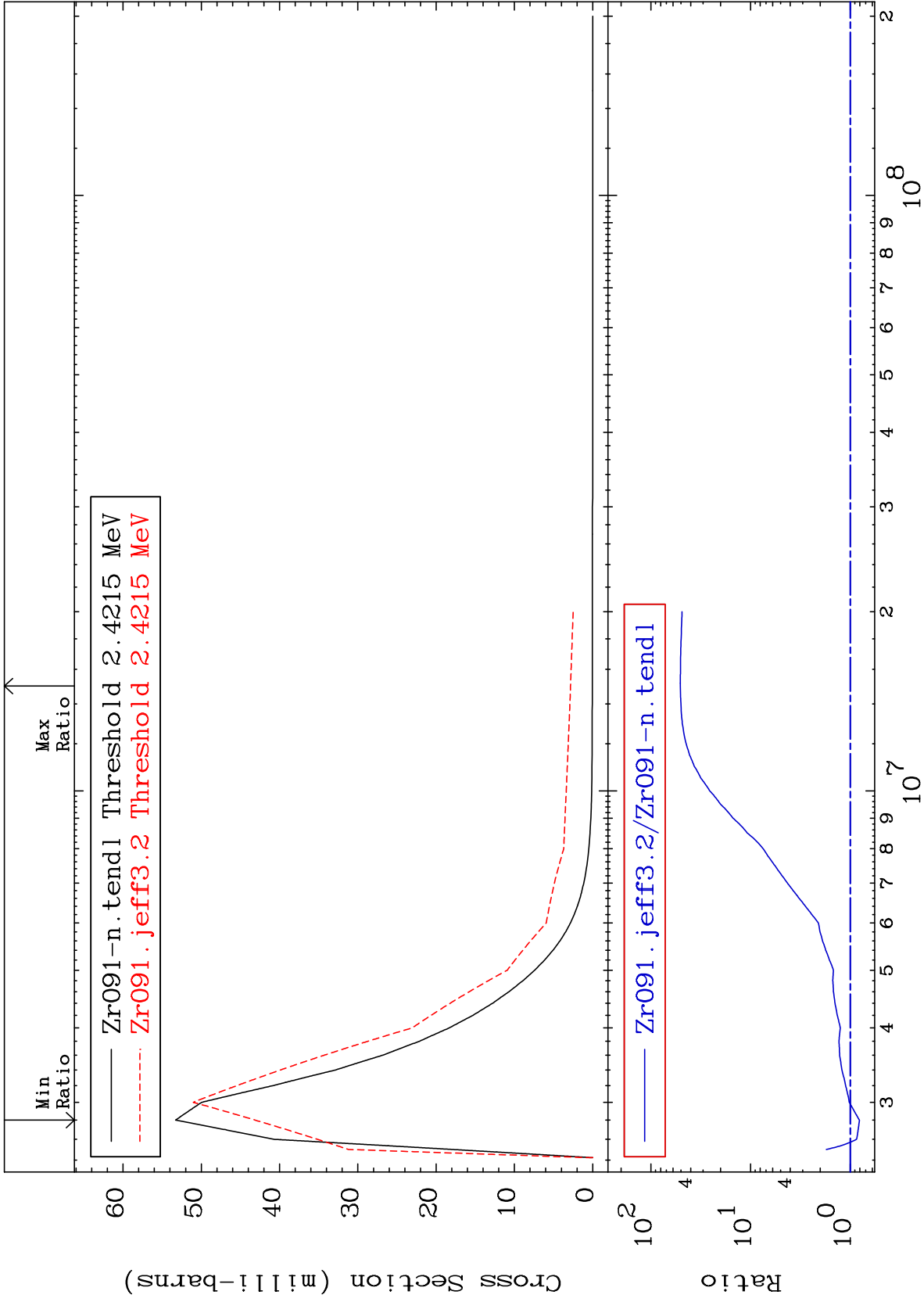
40-Zr-91
-10.12 To 4952. %

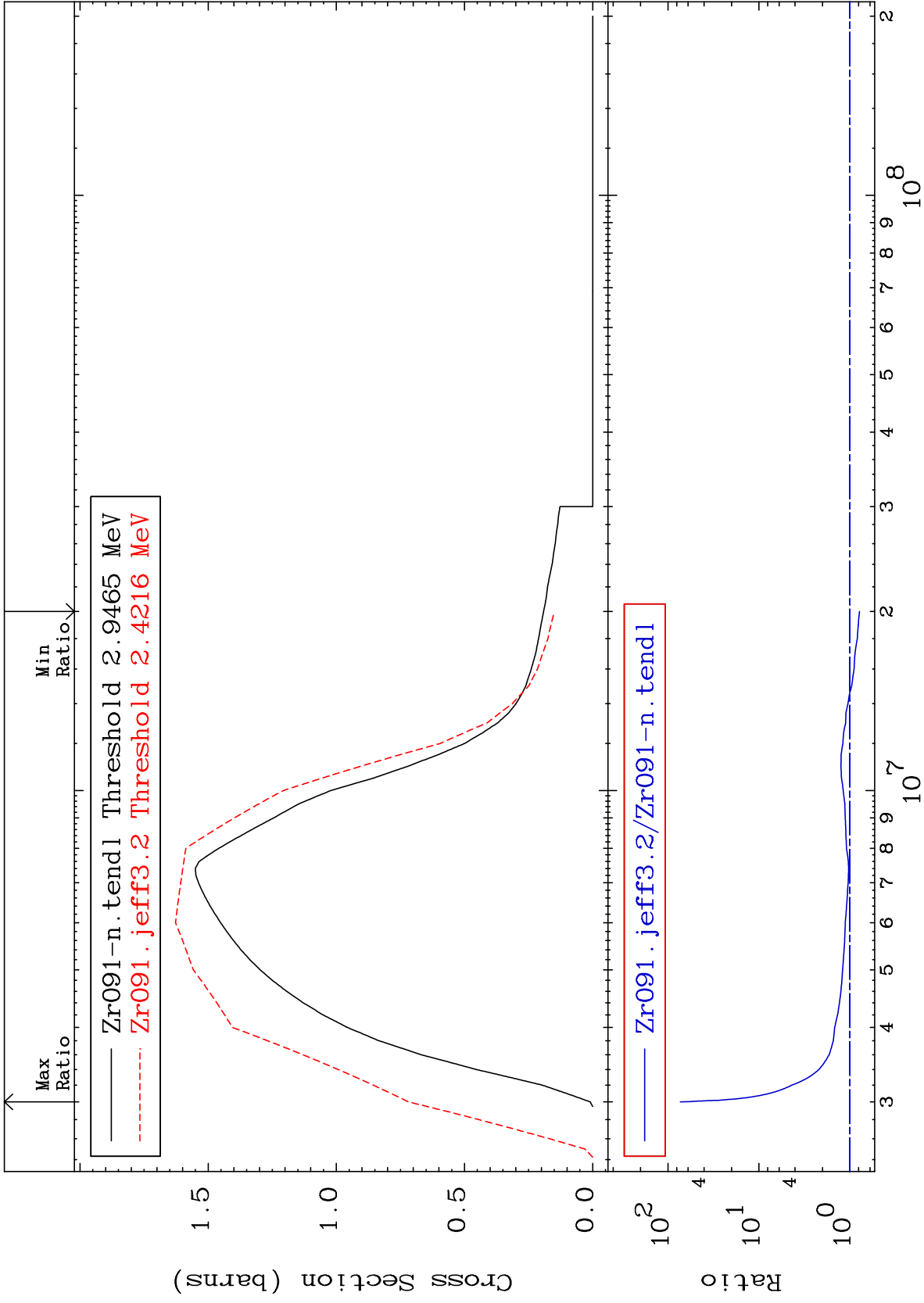


MAT 4028

2.395 MeV (n,n') Level
Cross Section

40-Zr-91
-19.13 To 4973. %

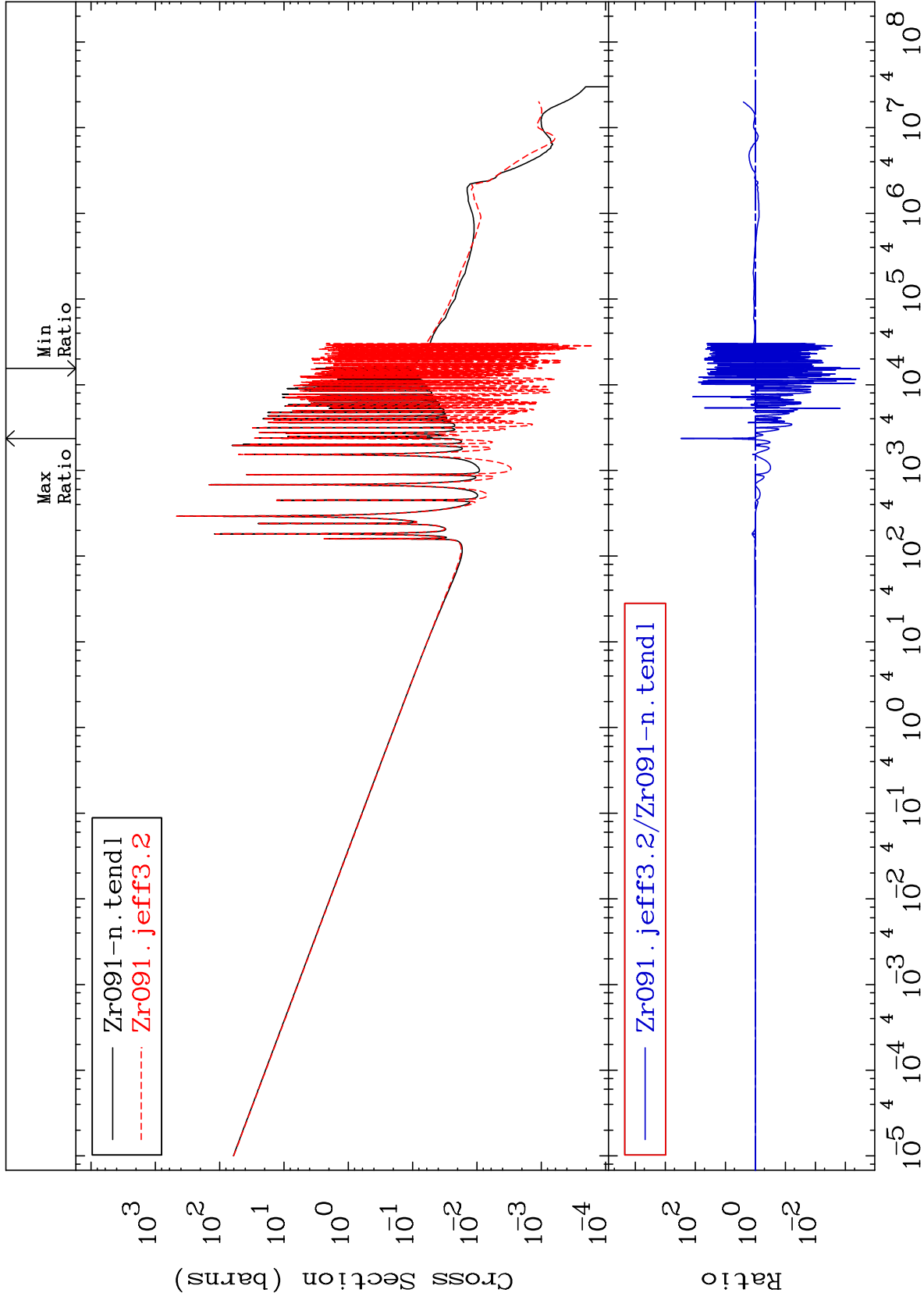




MAT 4028

(n, γ)
Cross Section

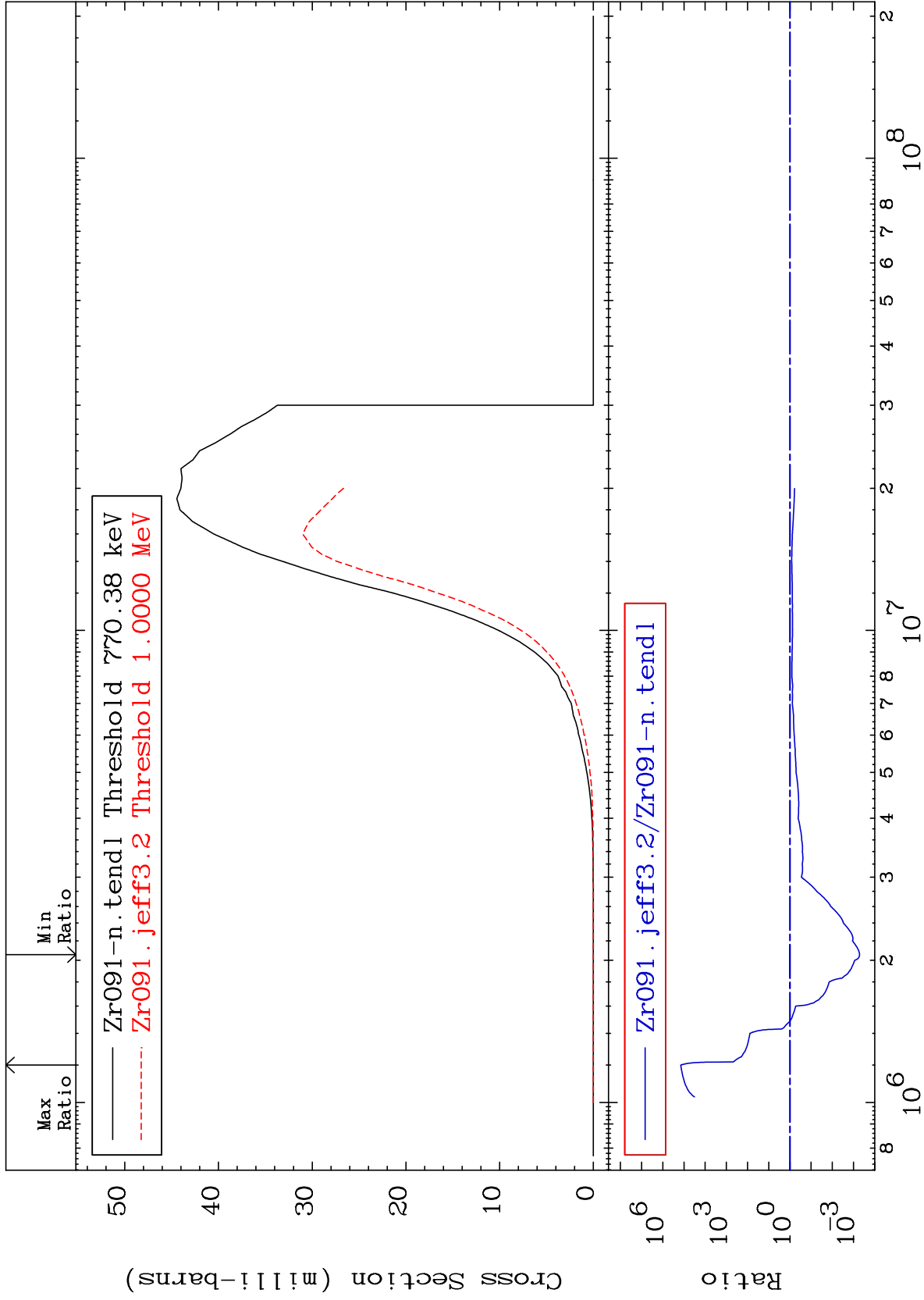
40-Zr-91
-99.97 To 9999. %



MAT 4028

(n,p)
Cross Section

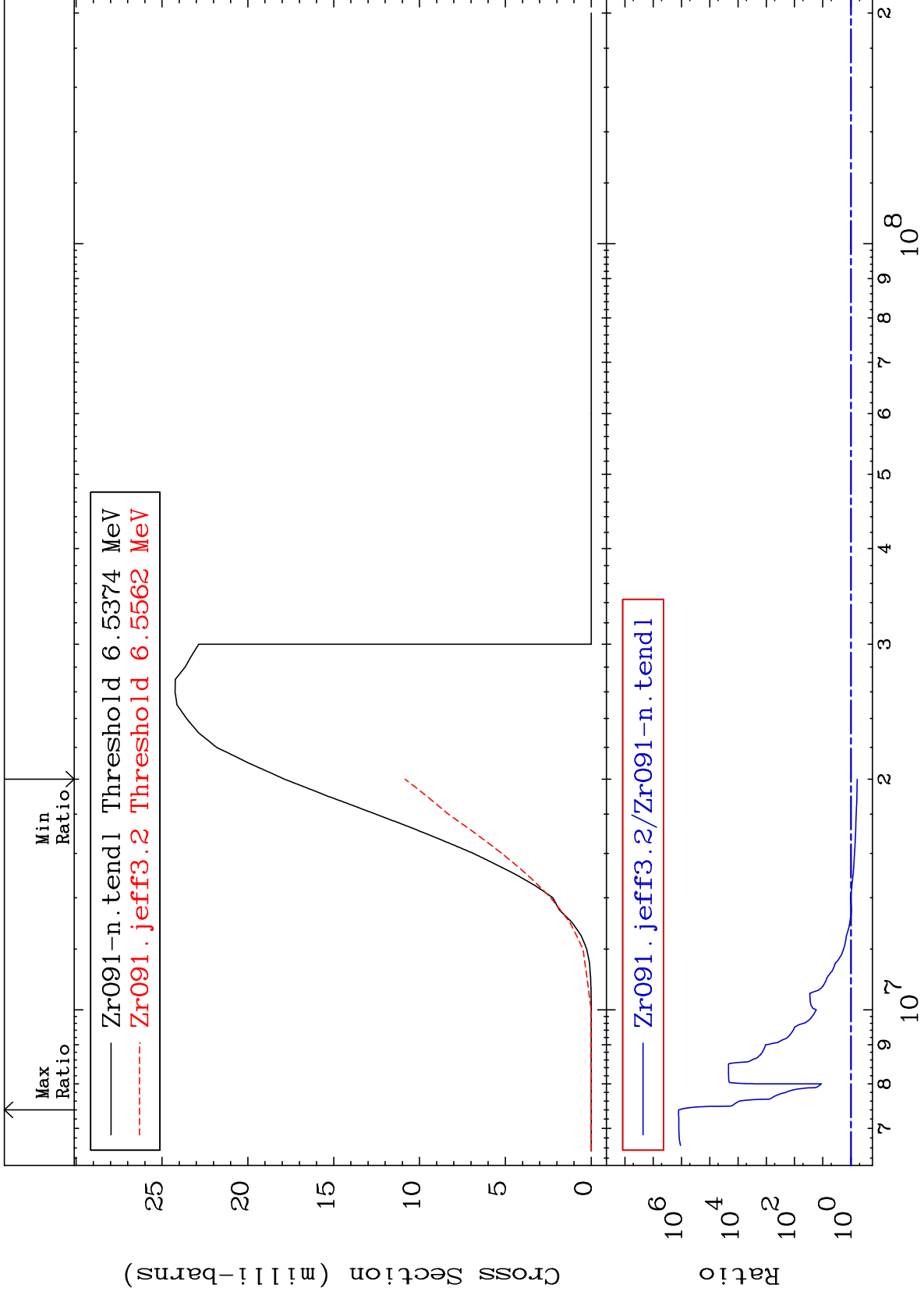
40-Zr-91
-99.95 To 9999. %



MAT 4028

(n, d)
Cross Section

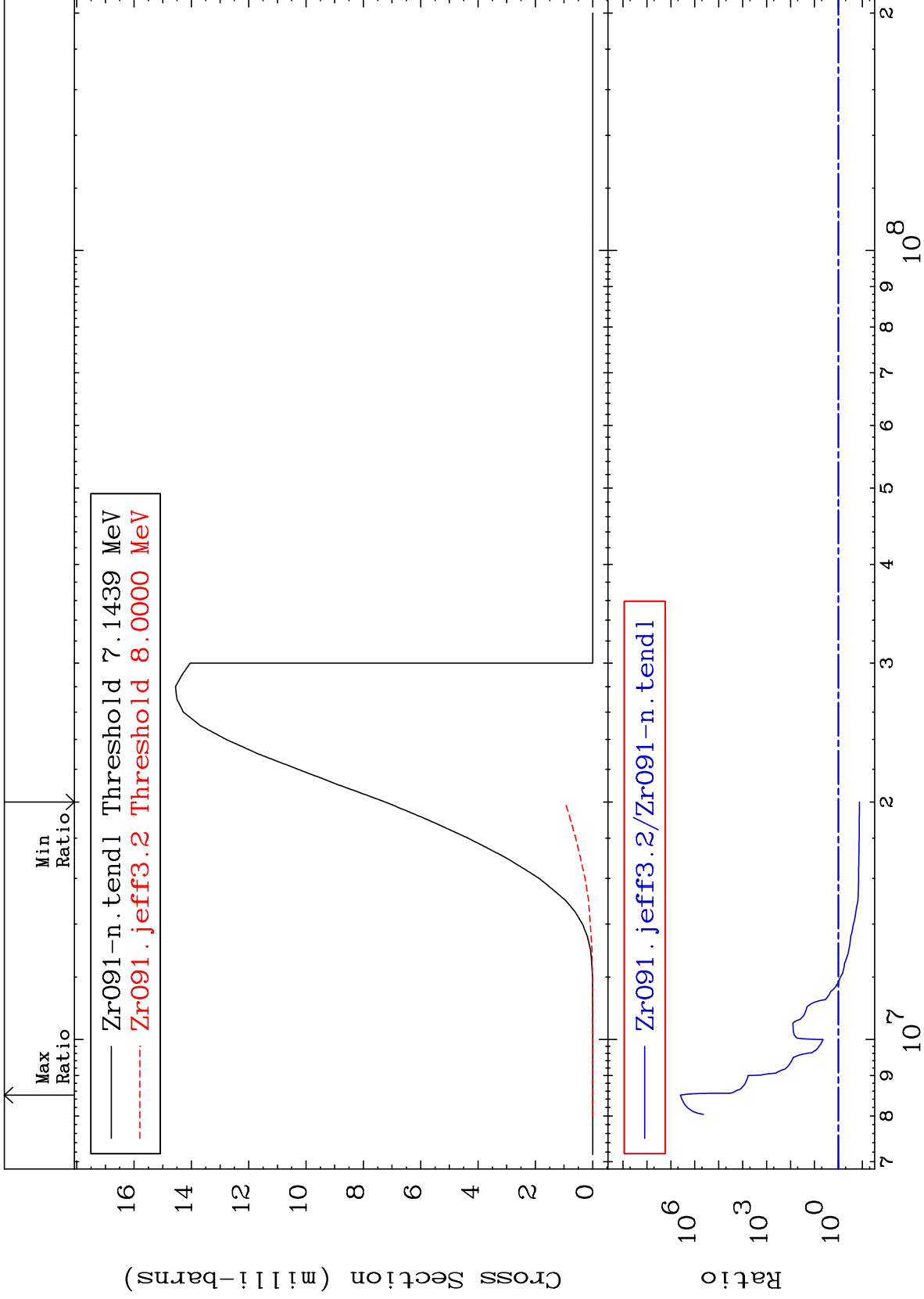
40-Zr-91
-39.35 To 9999. %



MAT 4028

(n, t)
Cross Section

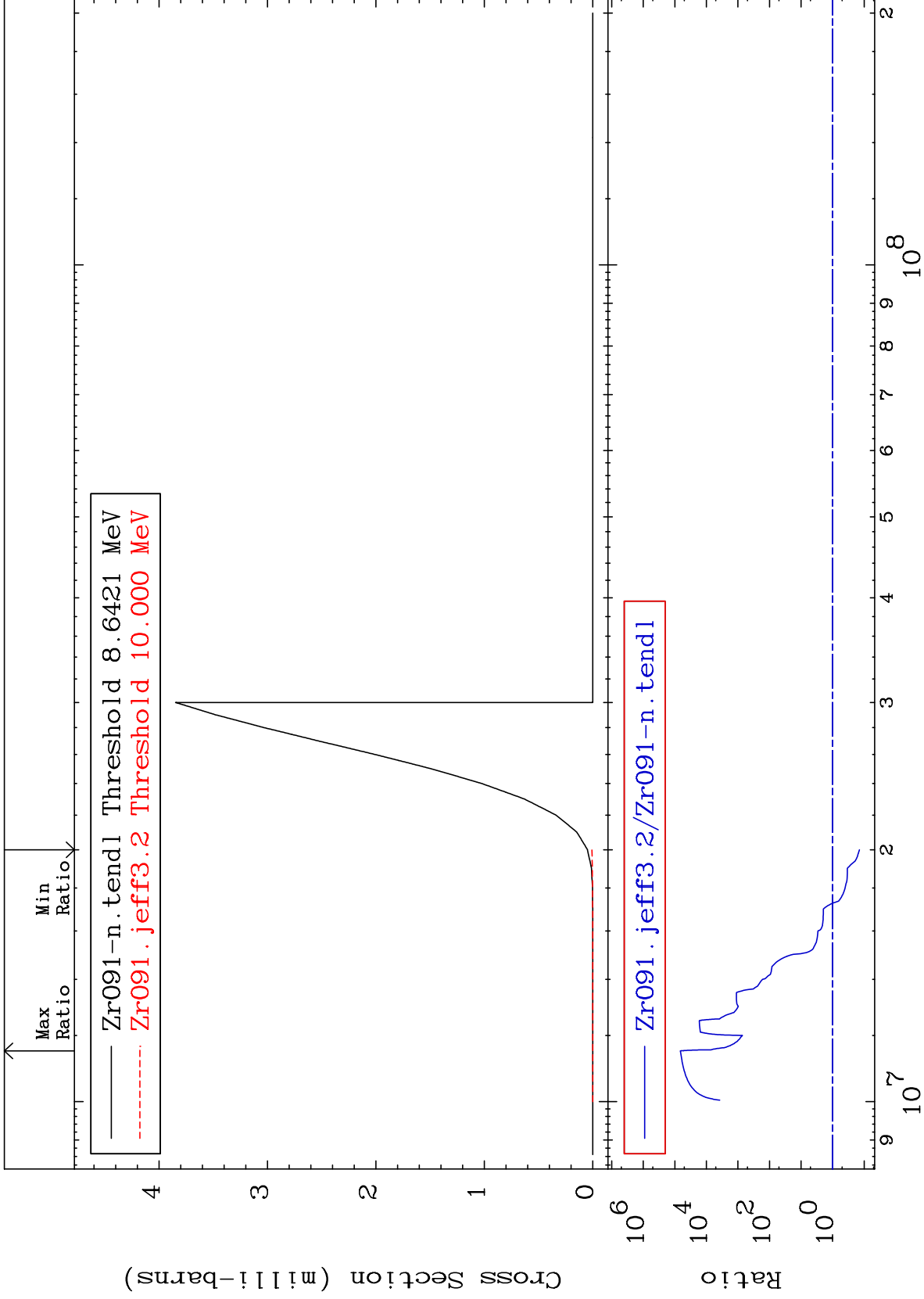
40-Zr-91
-86.73 To 9999. %



MAT 4028

(n, He-3)
Cross Section

40-Zr-91
-85.91 To 9999. %



28

40-Zr-91

40-Zr-91

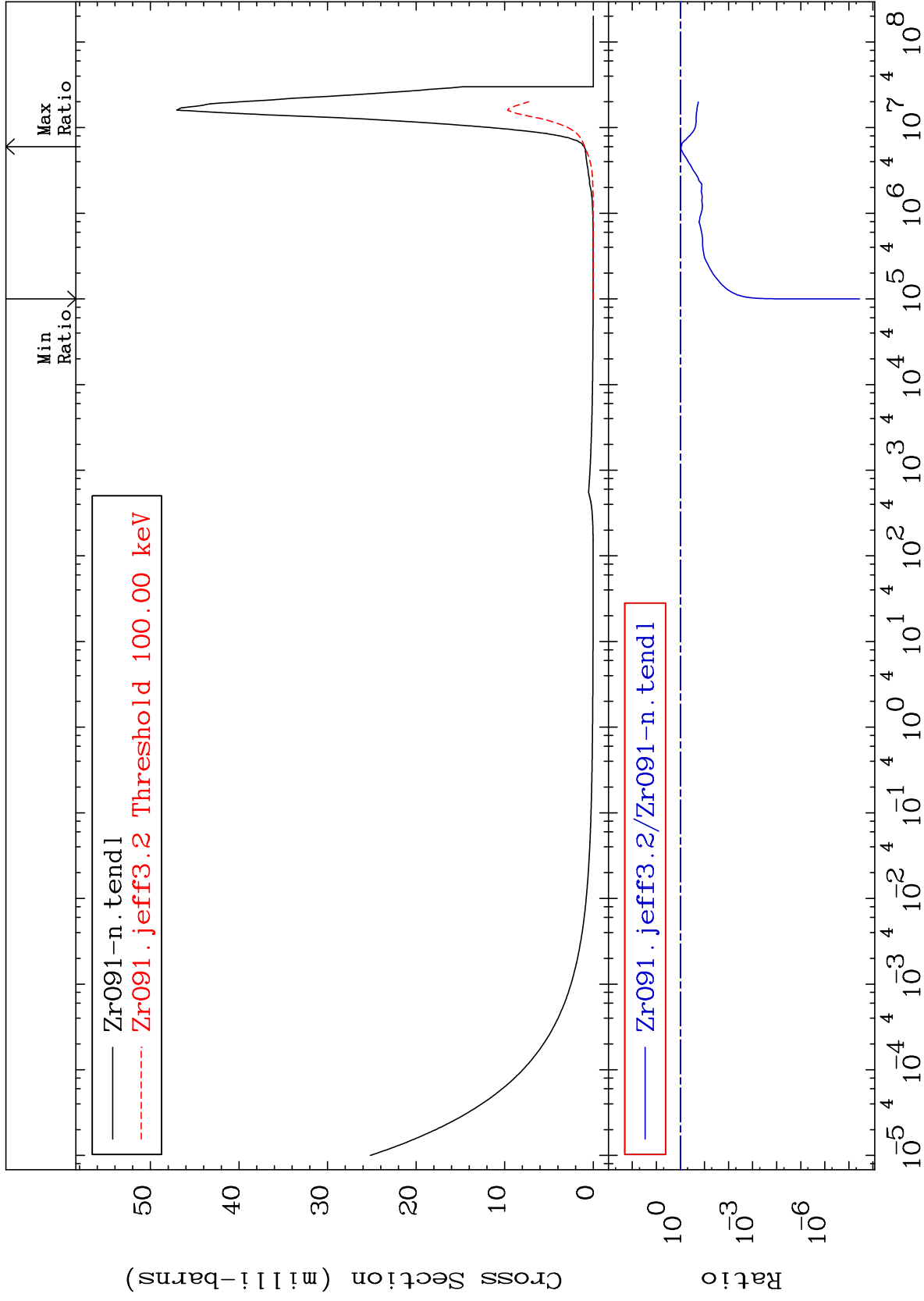
MAT 4028

(n, α)

40-Zr-91

Cross Section

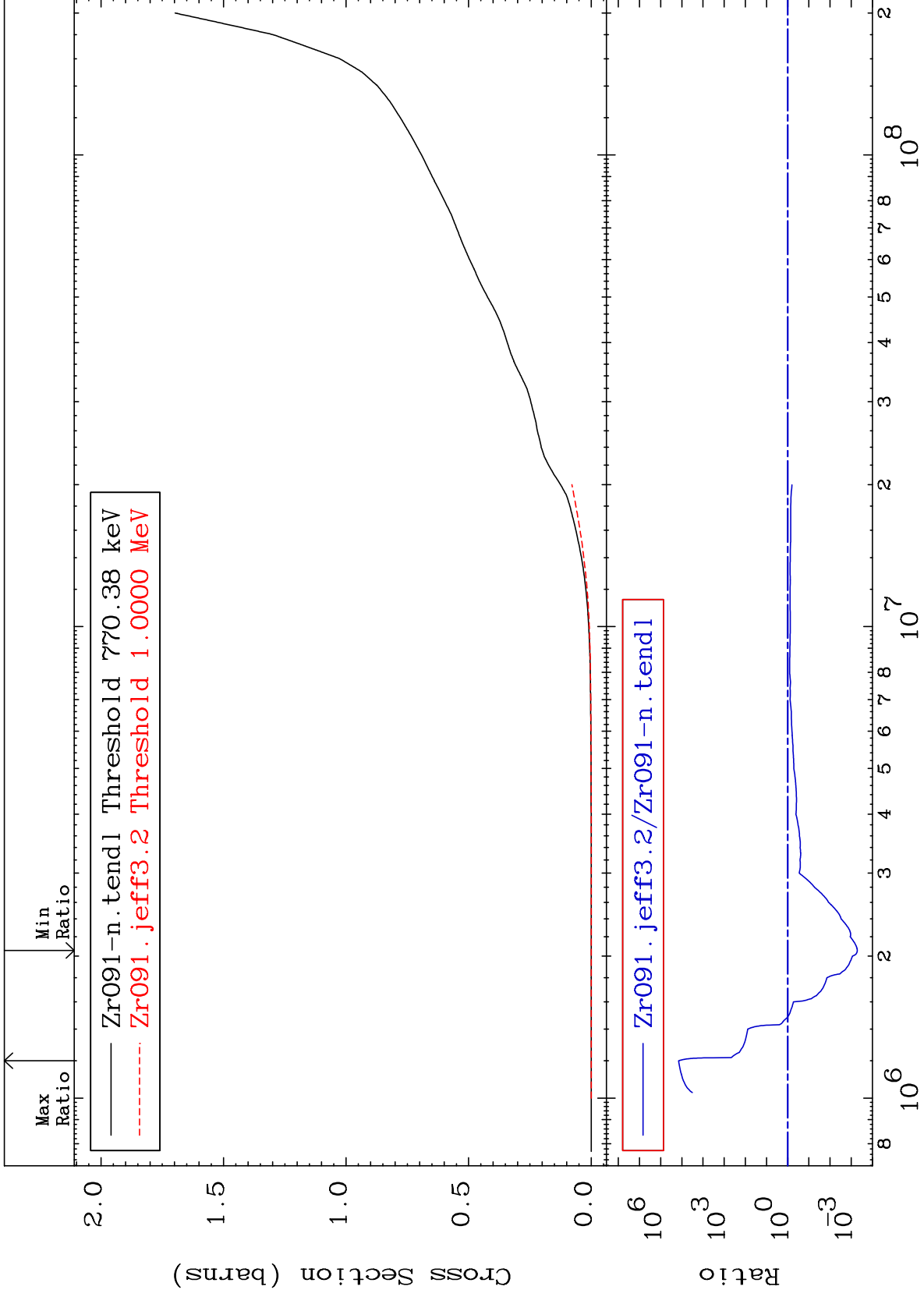
-100.0 To -3.125%



MAT 4028

Hydrogen Production
Cross Section

40-Zr-91
-99.95 To 9999. %



30

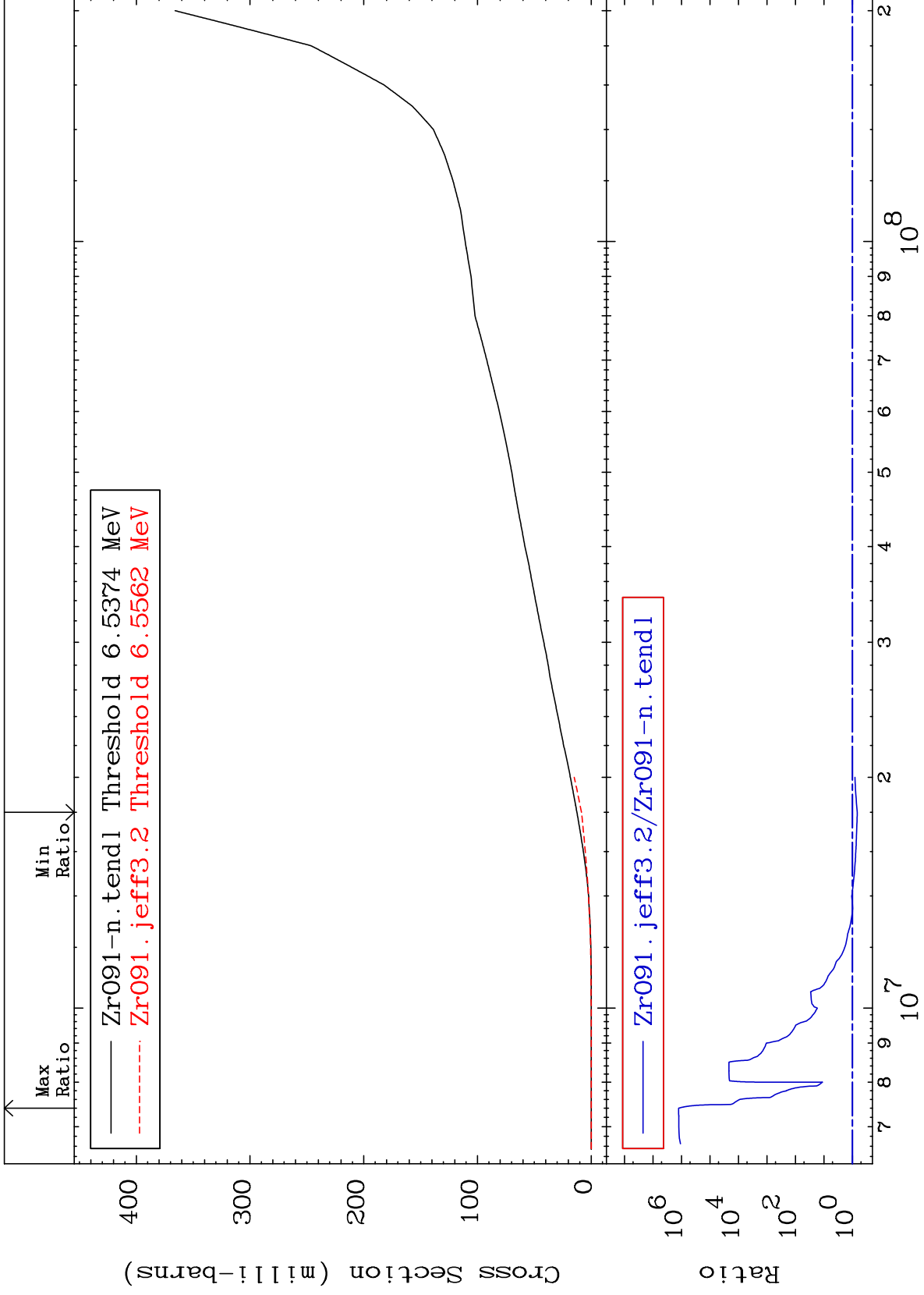
Incident Energy (eV)

40-Zr-91

MAT 4028

Deuterium Production
Cross Section

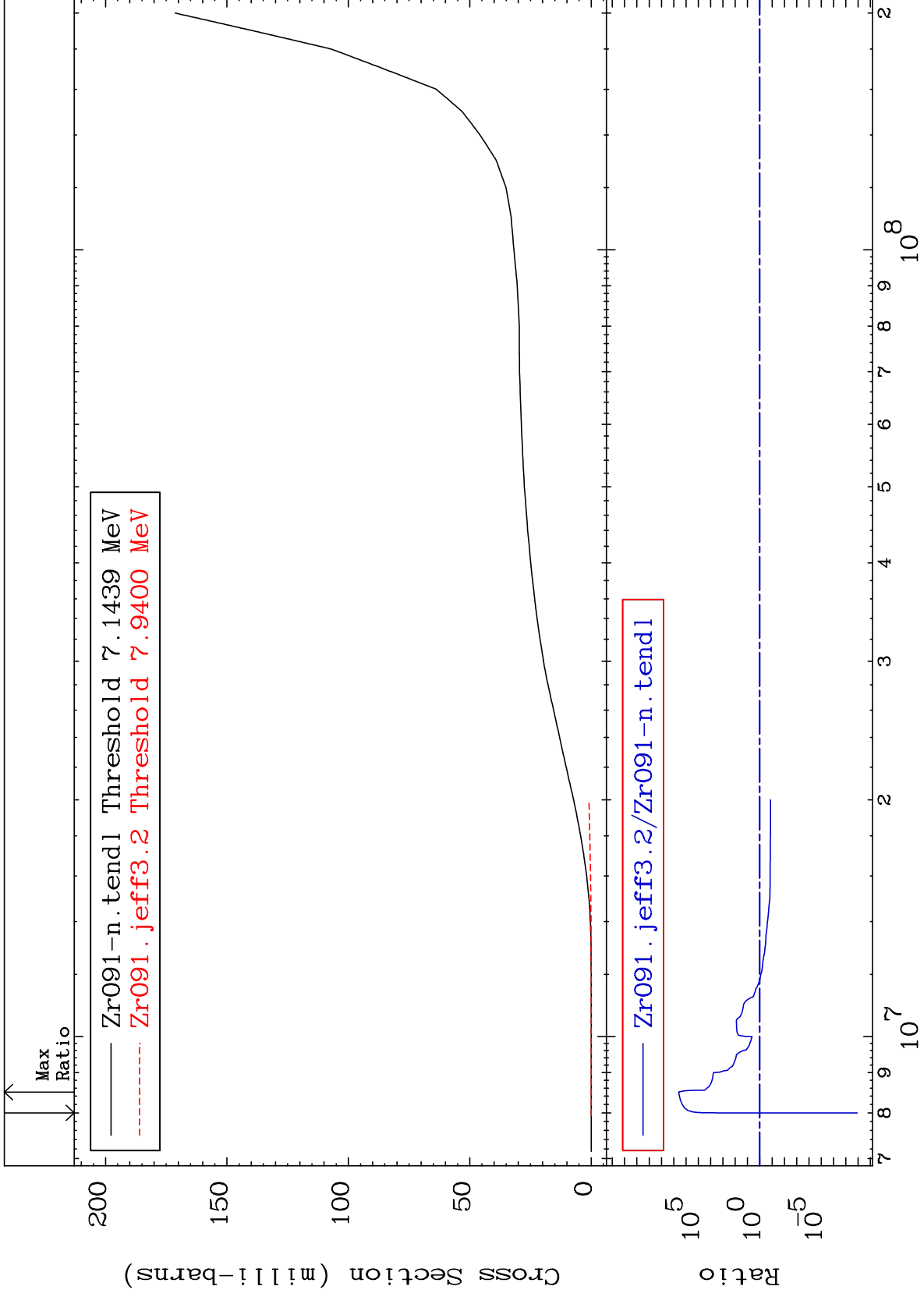
40-Zr-91
-32.51 To 9999. %



MAT 4028

Tritium Production
Cross Section

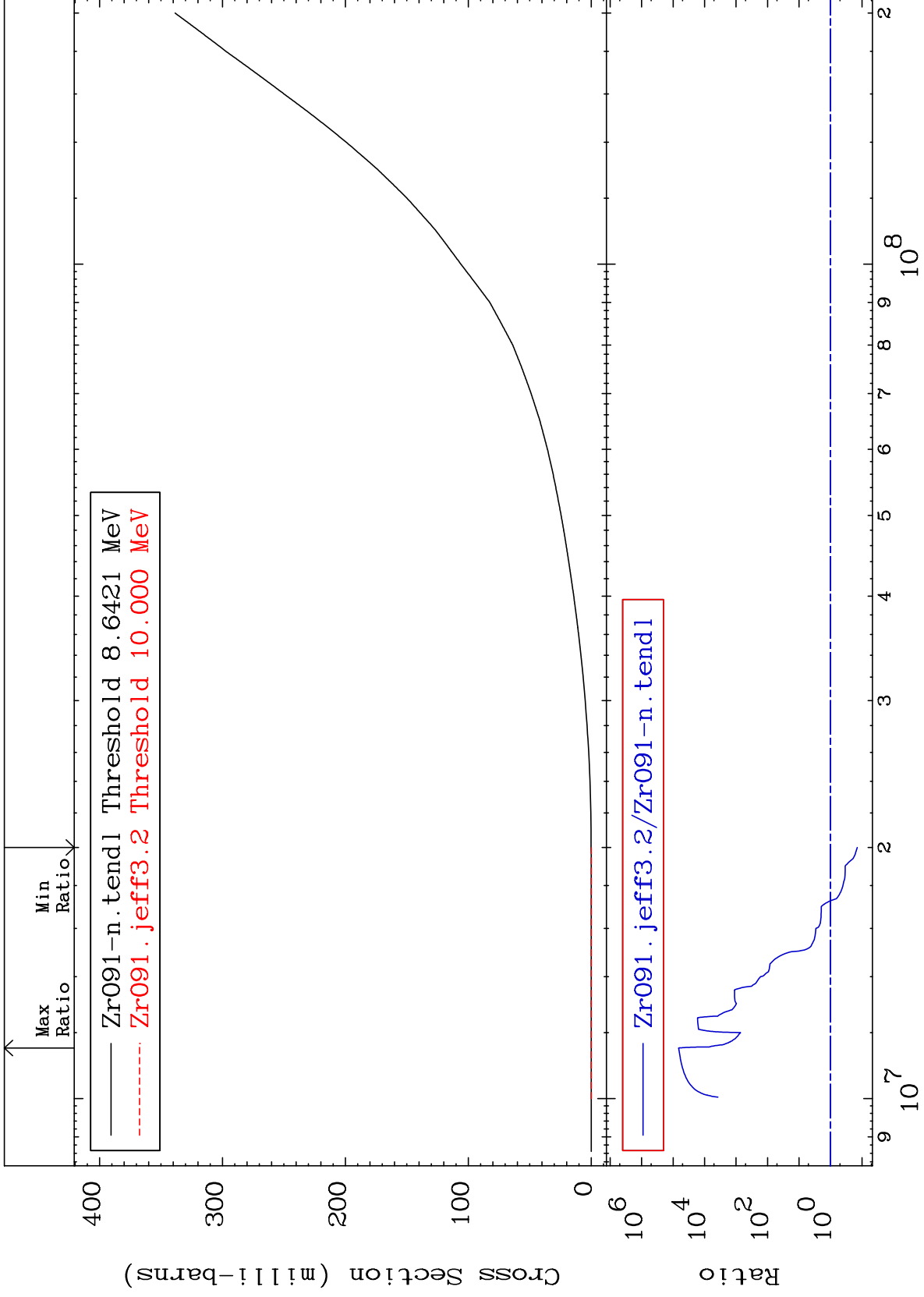
40-Zr-91
-100.0 To 9999. %



MAT 4028

He-3 Production
Cross Section

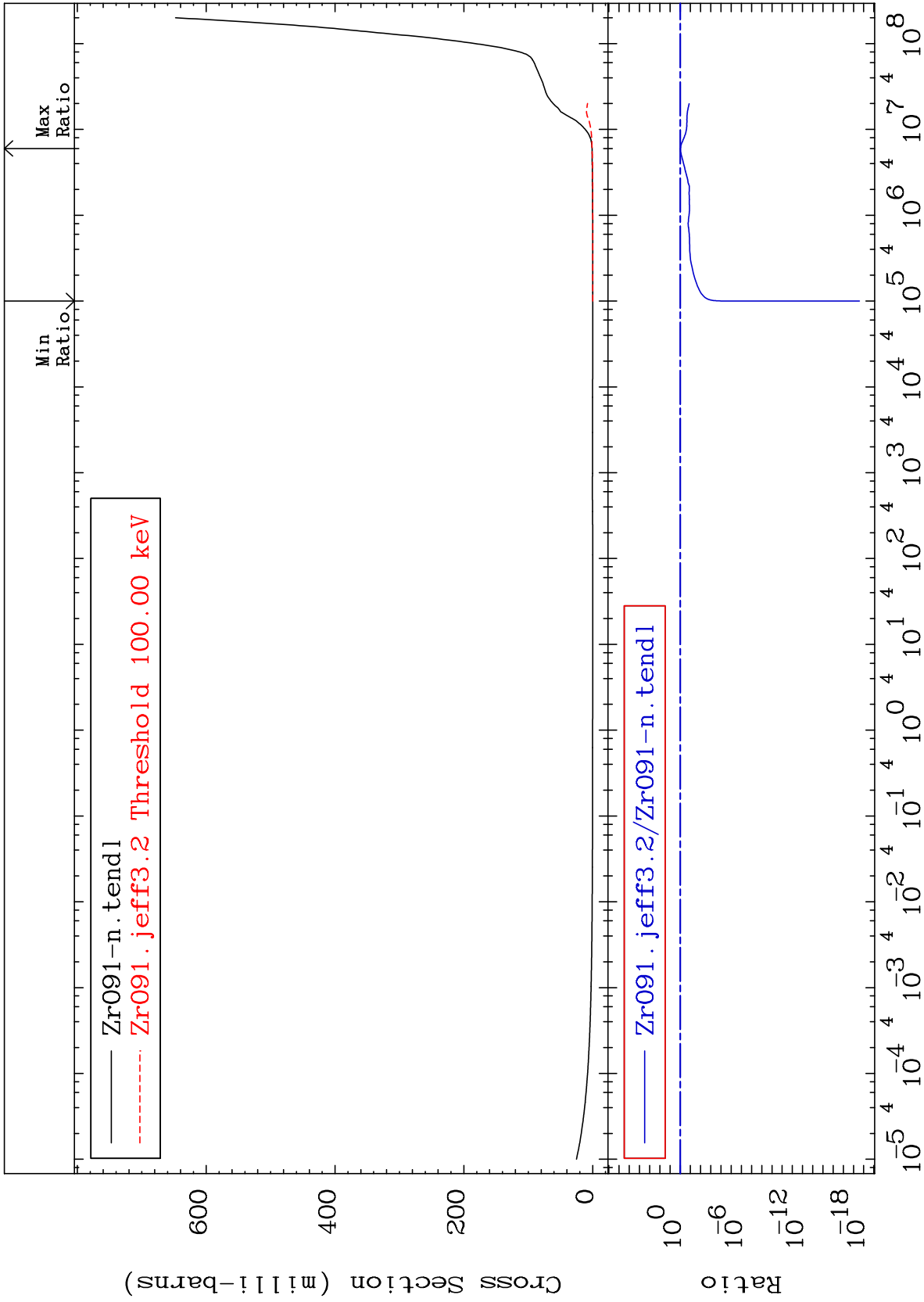
40-Zr-91
-85.91 To 9999. %



33

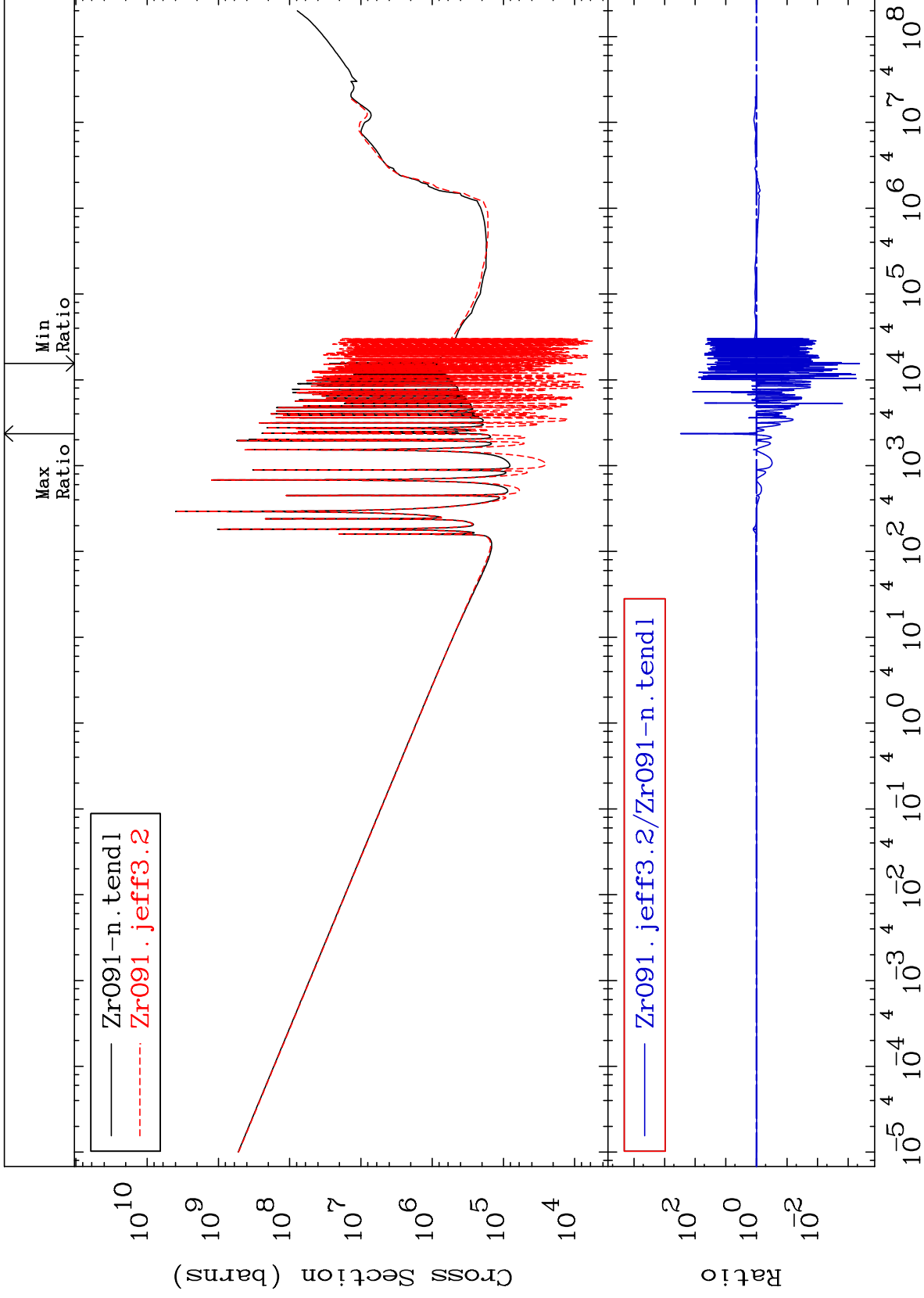
Incident Energy (eV)

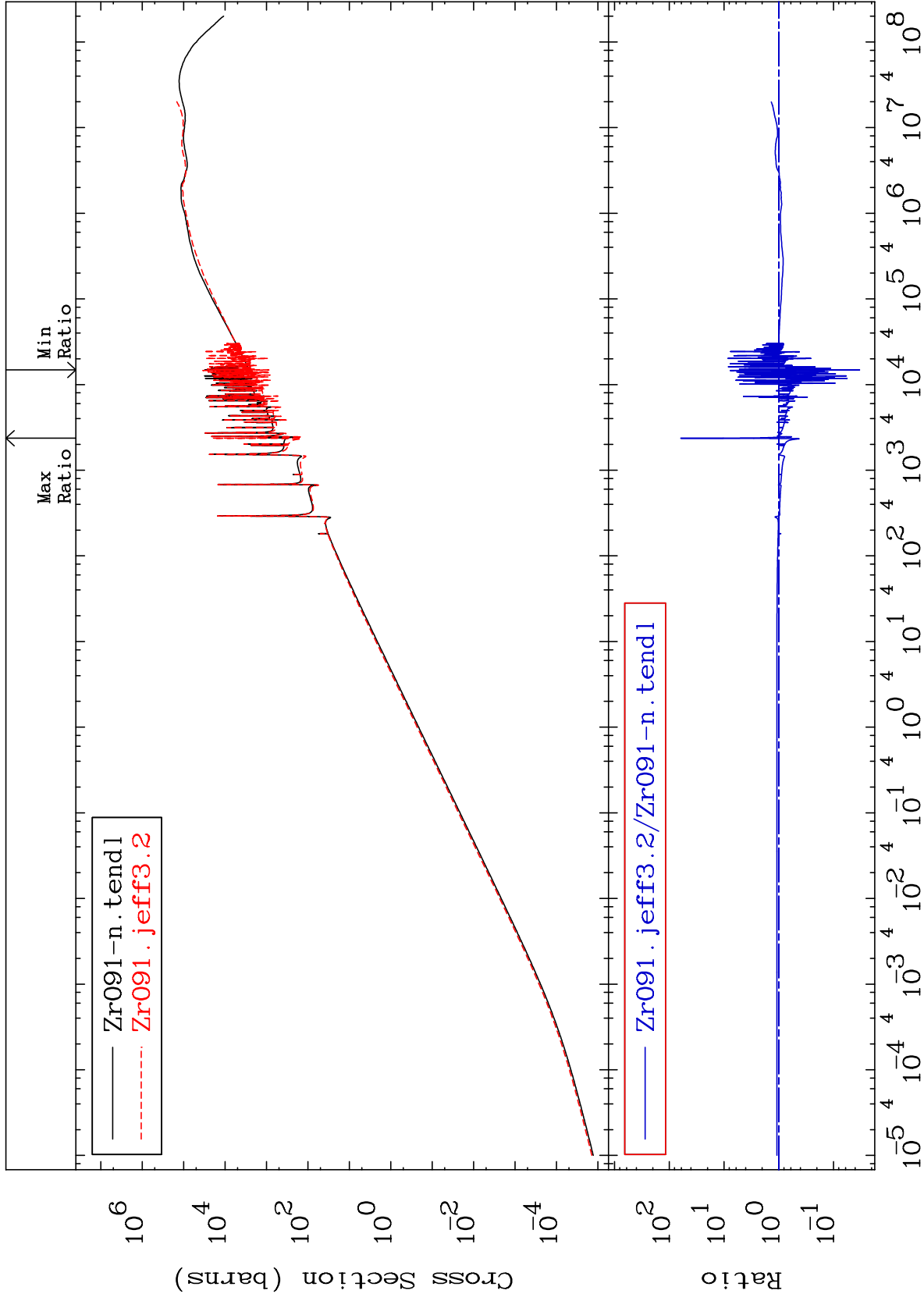
40-Zr-91

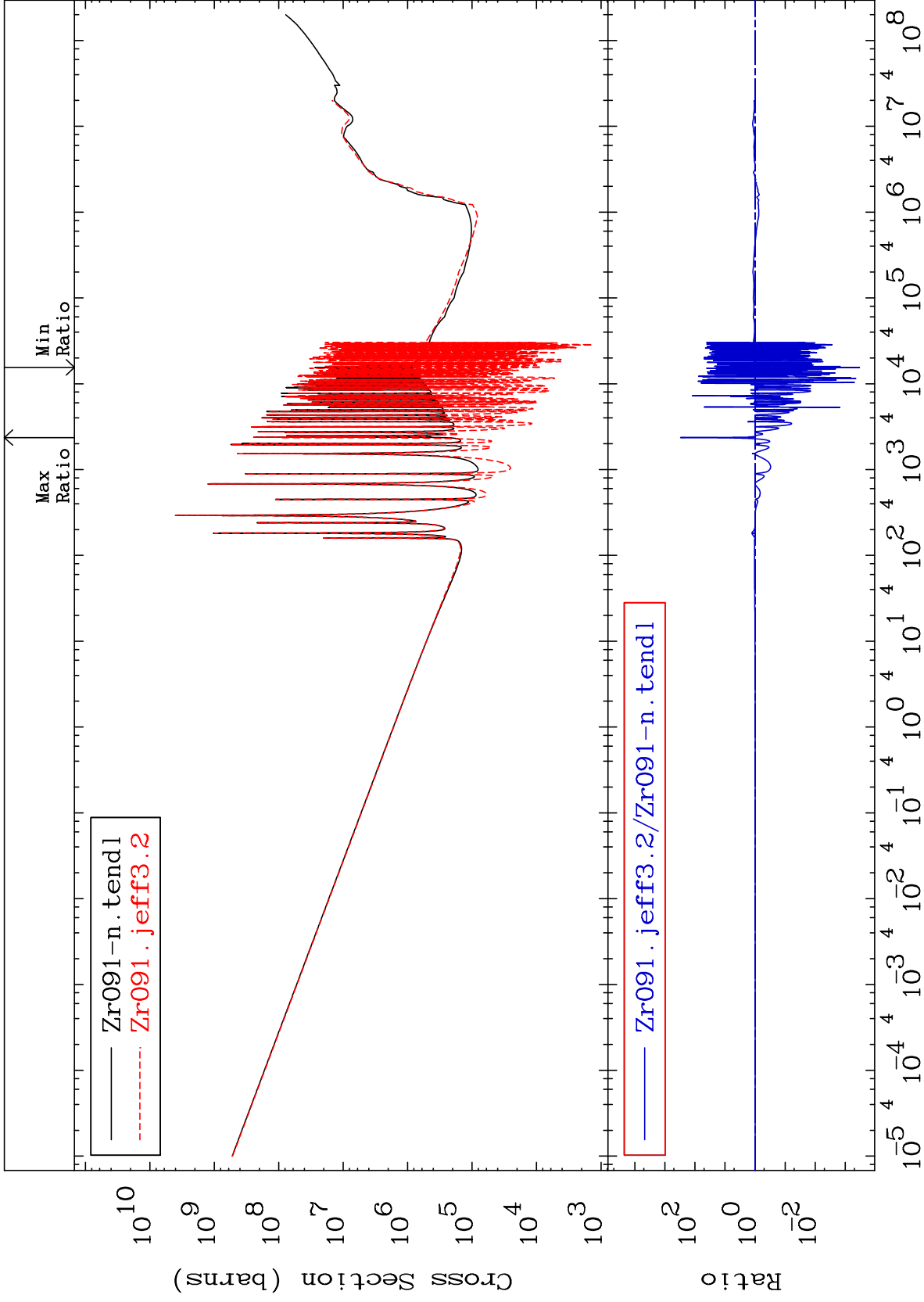


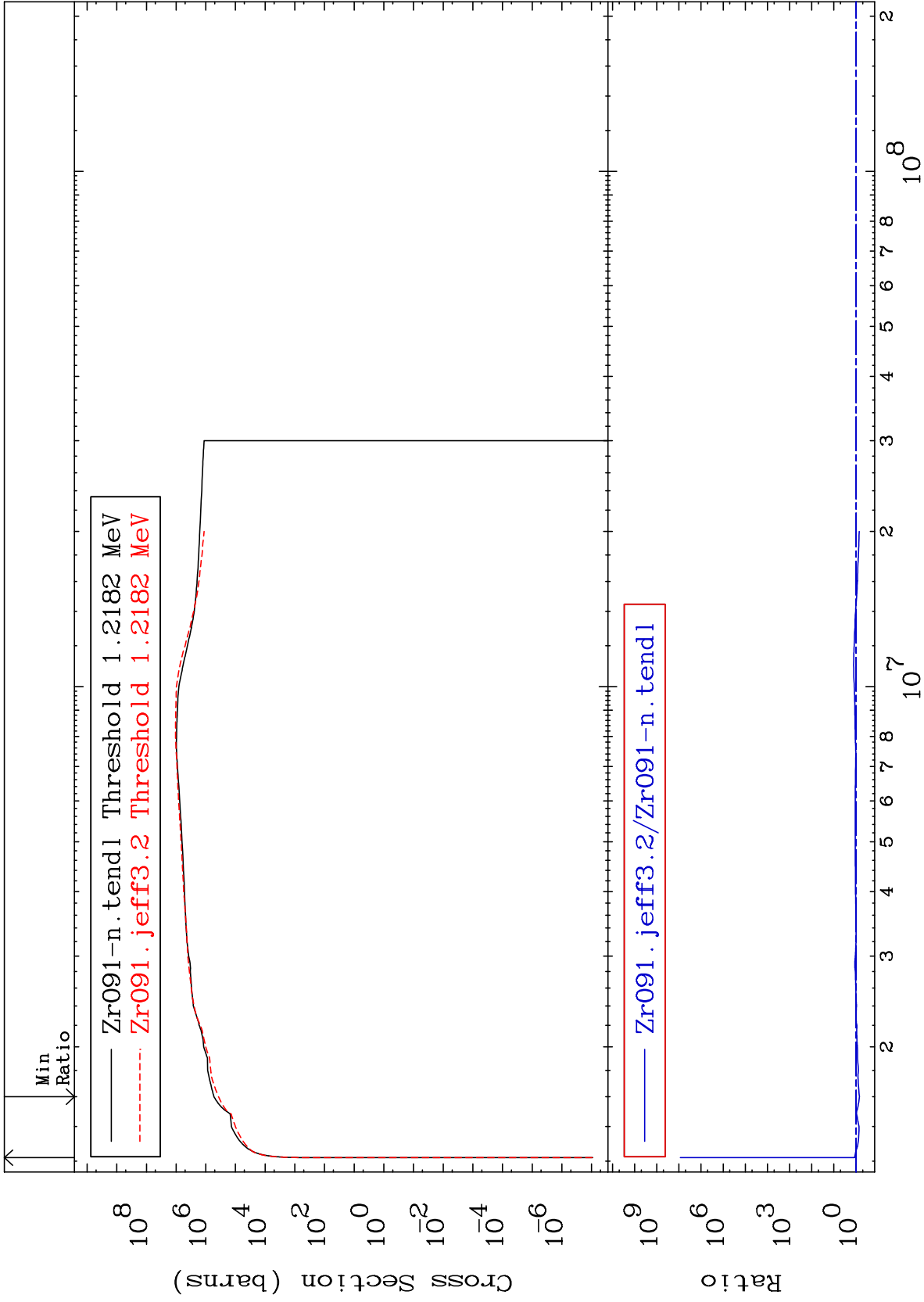
Cross Section

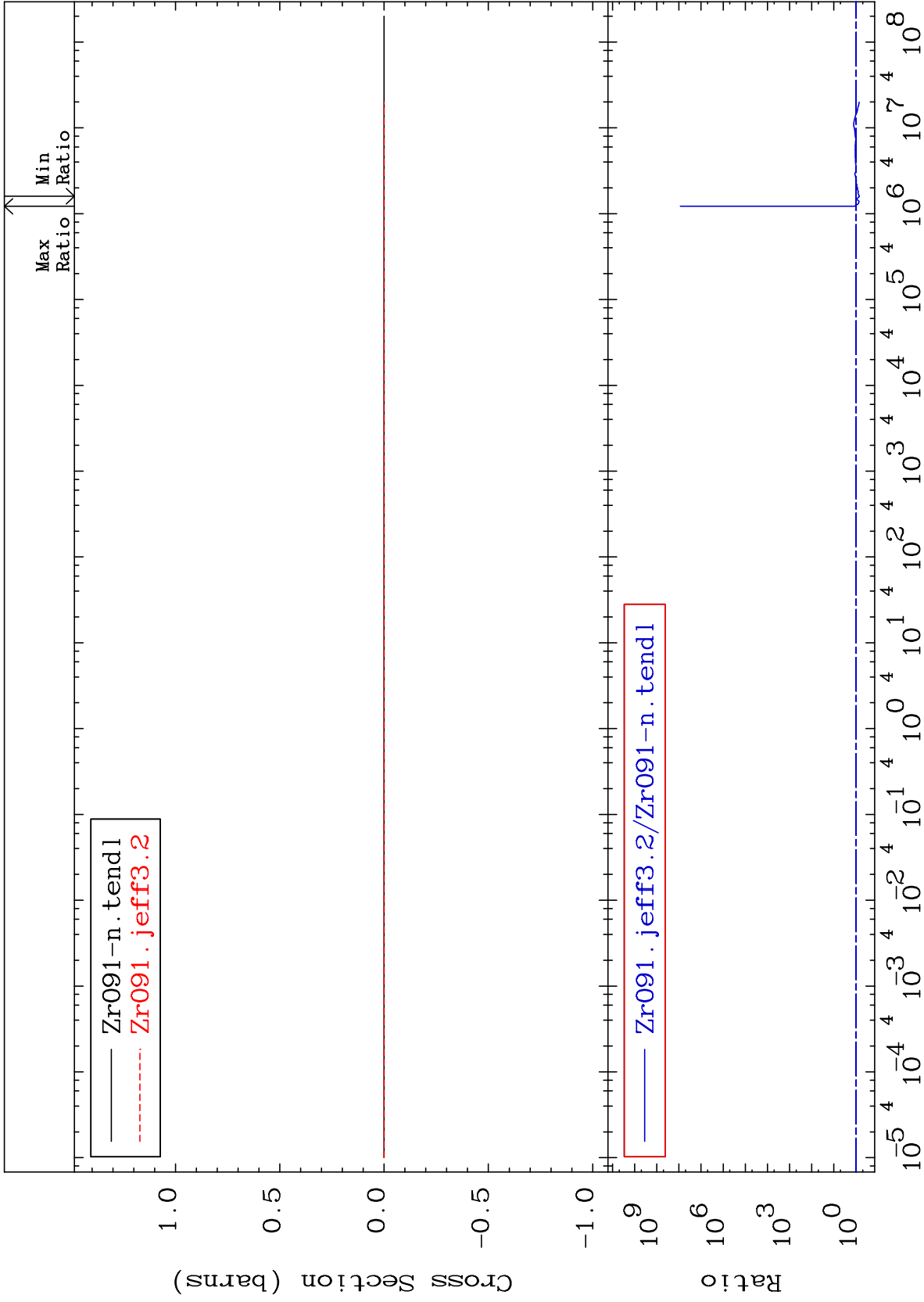
-99.96 To 9999. %







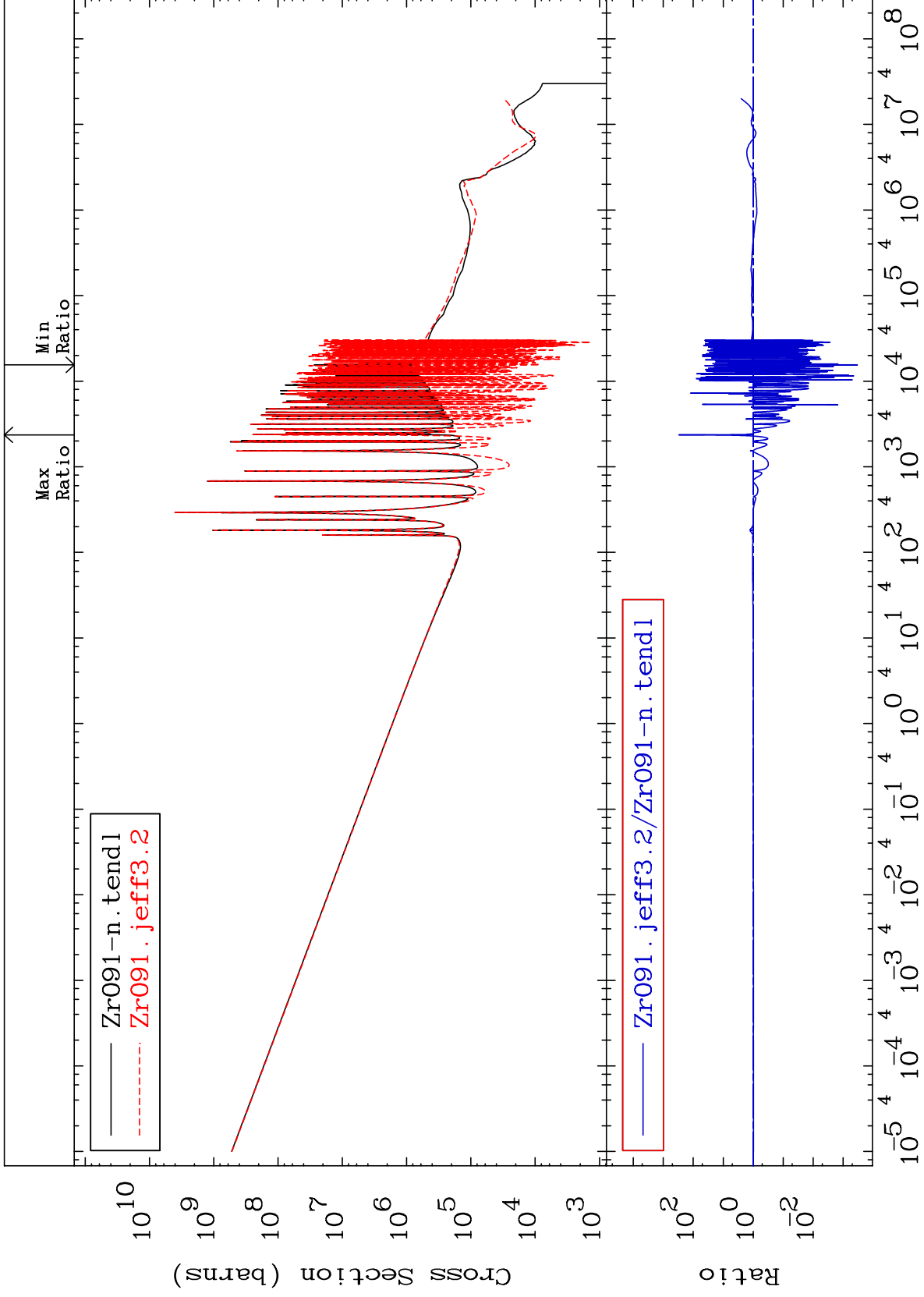




MAT 4028

Kerma capture (mt102)
Cross Section

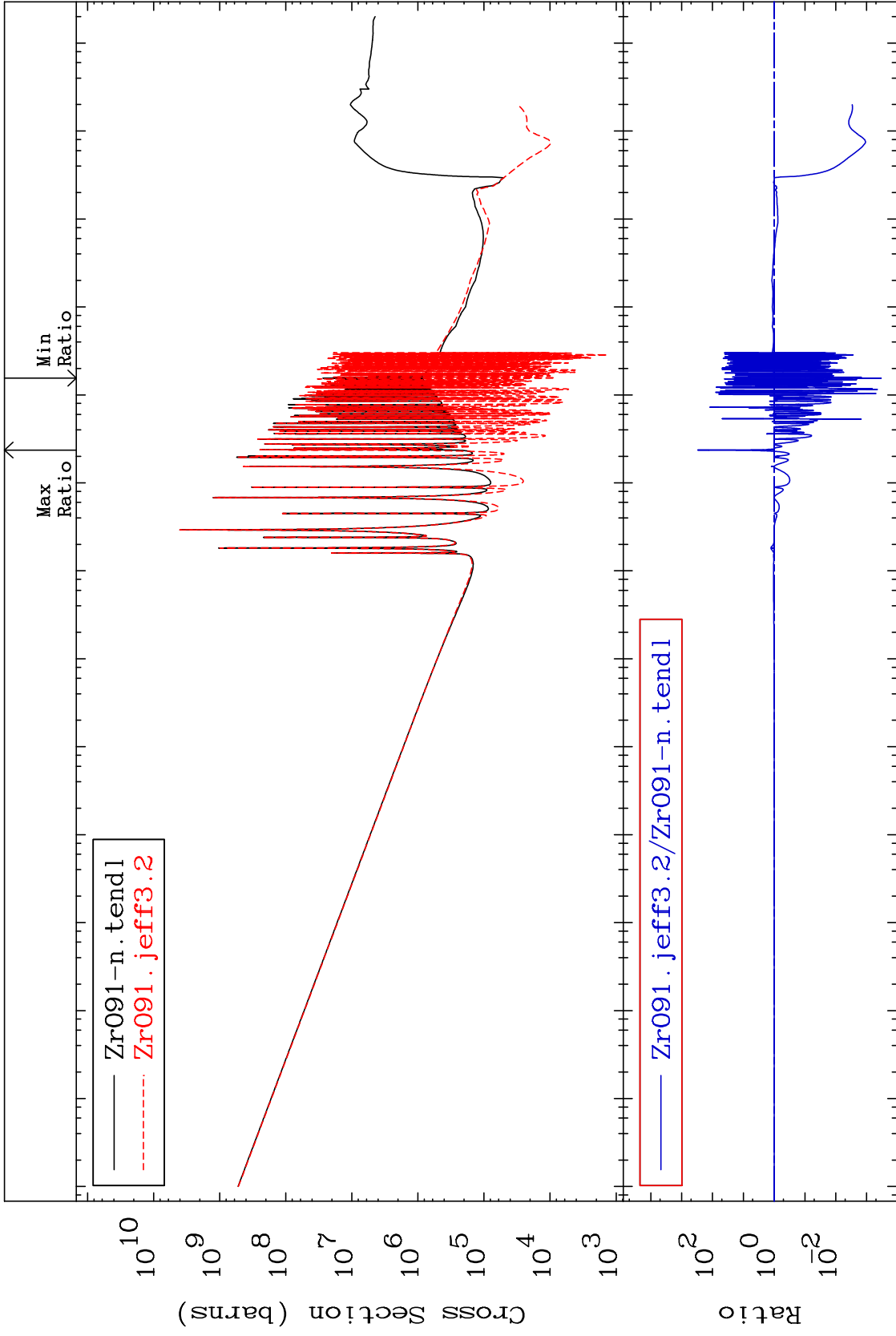
40-Zr-91
-99.97 To 9999. %

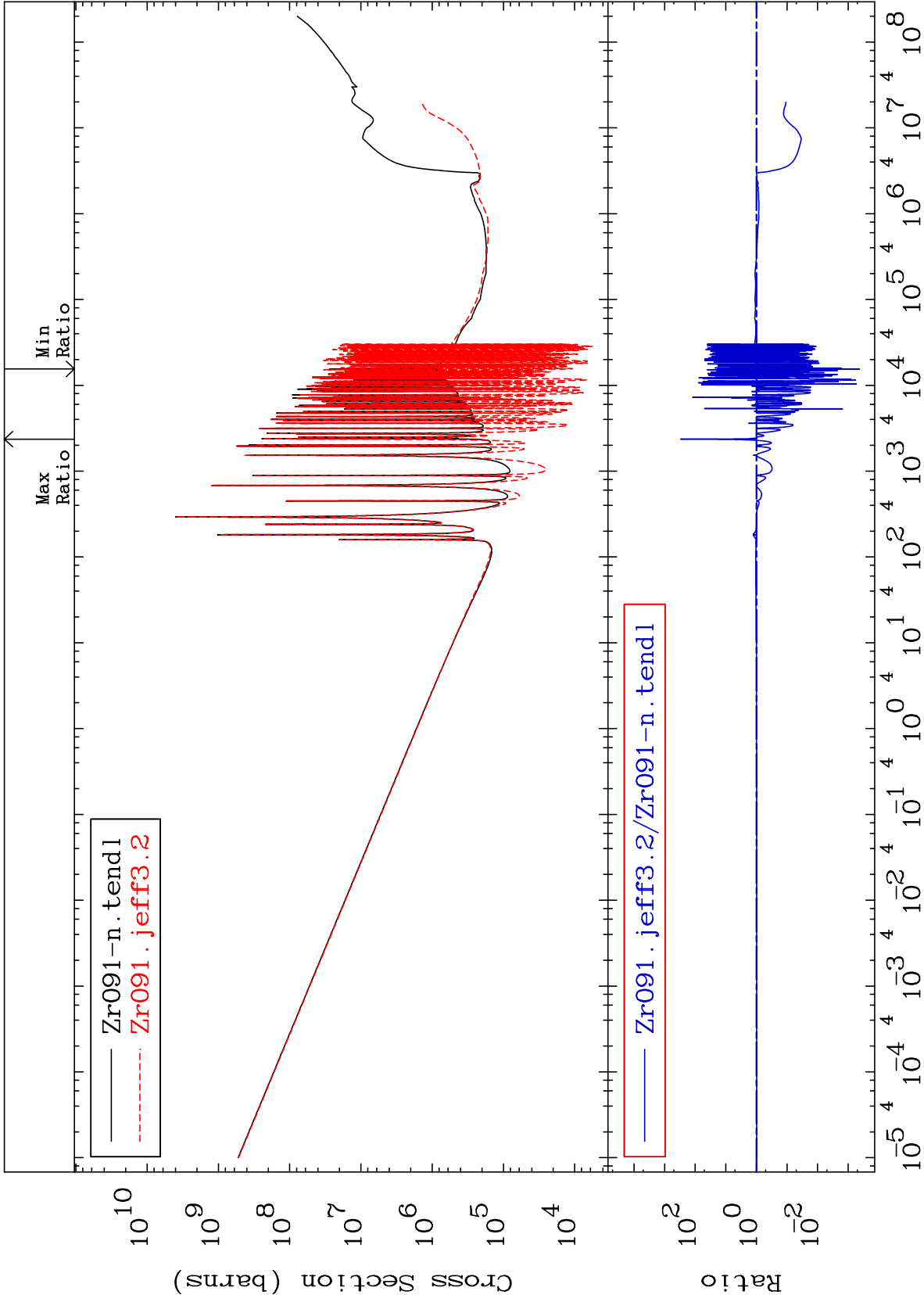


40

Incident Energy (eV)

40-Zr-91





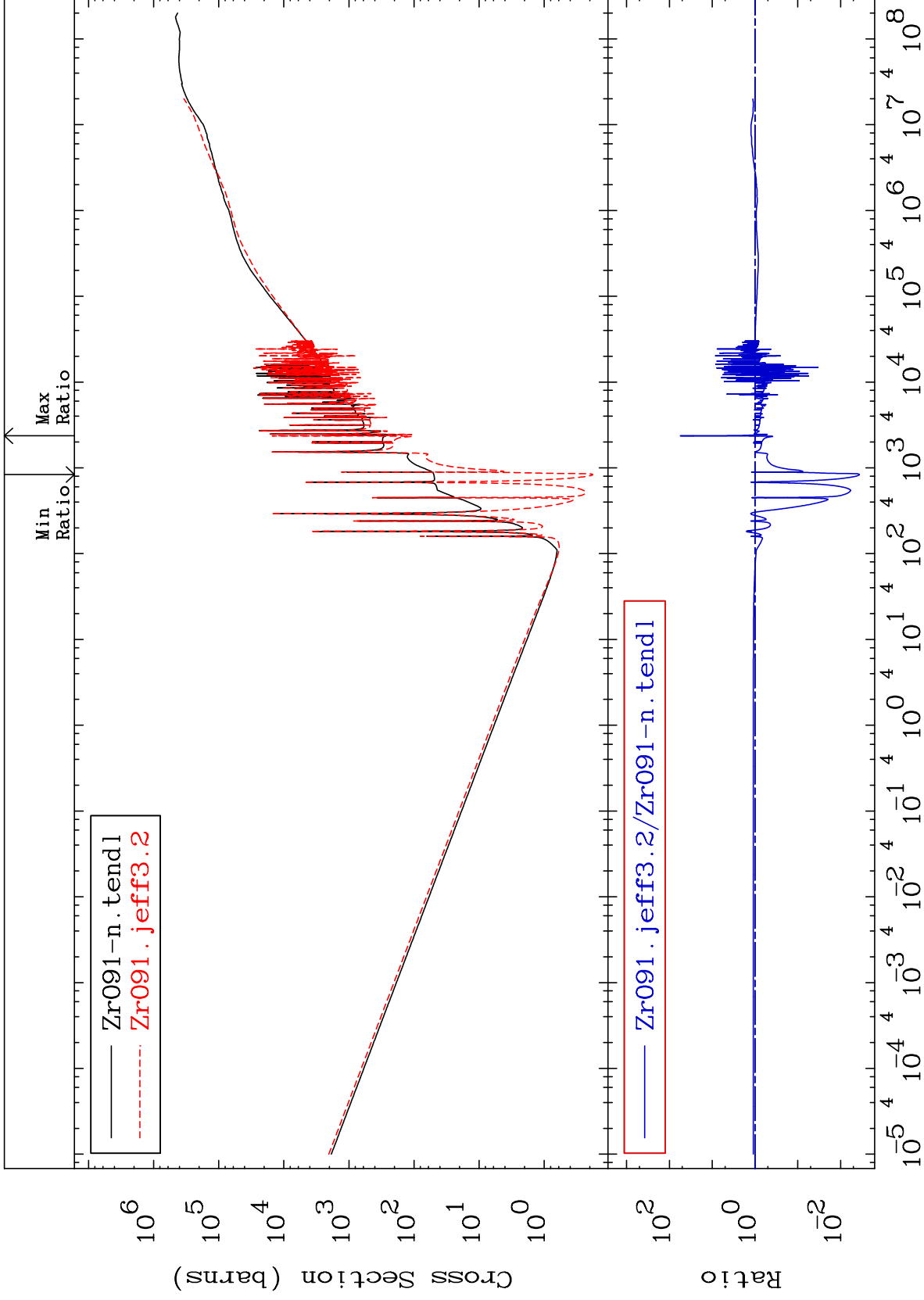
MAT 4028

Dpa total (eV-barns)

40-Zr-91

Cross Section

-99.64 To 5447. %



43

Incident Energy (eV)

40-Zr-91

