

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

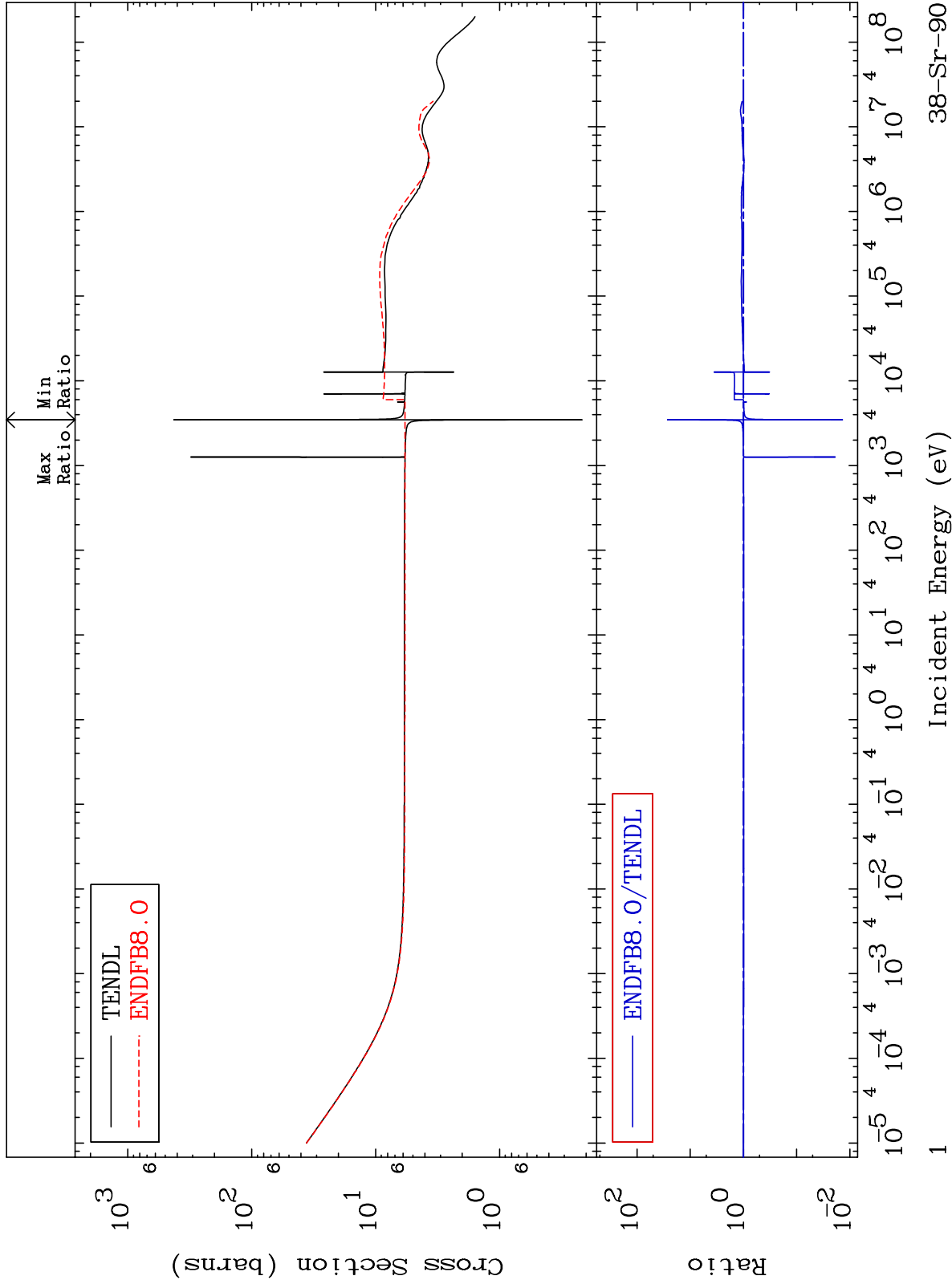
MAT 3843

Total

38-Sr-90

Cross Section

-98.64 To 2576. %



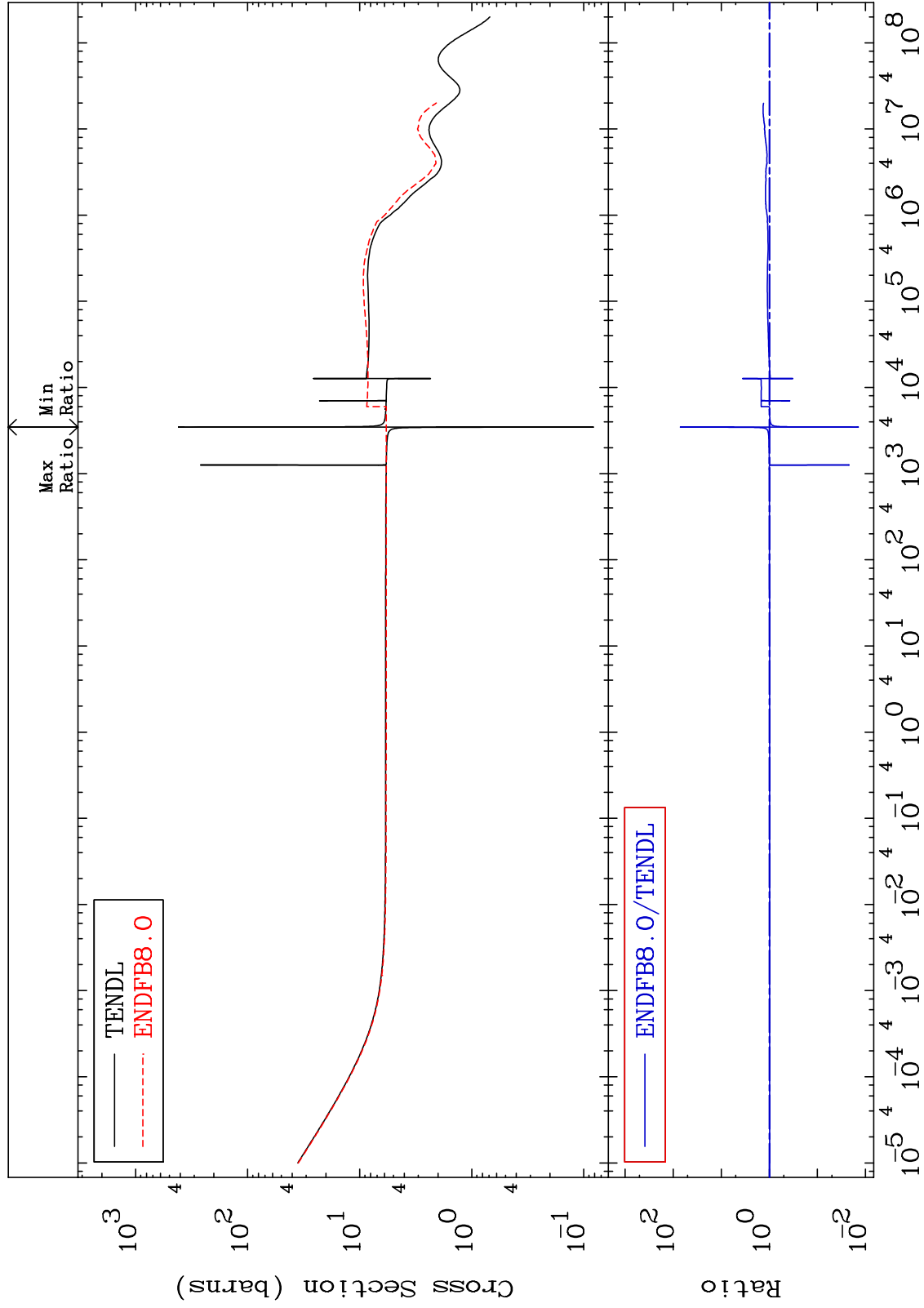
MAT 3843

Elastic

Cross Section

38-Sr-90

-98.60 To 6954. %



2

Incident Energy (eV)

38-Sr-90

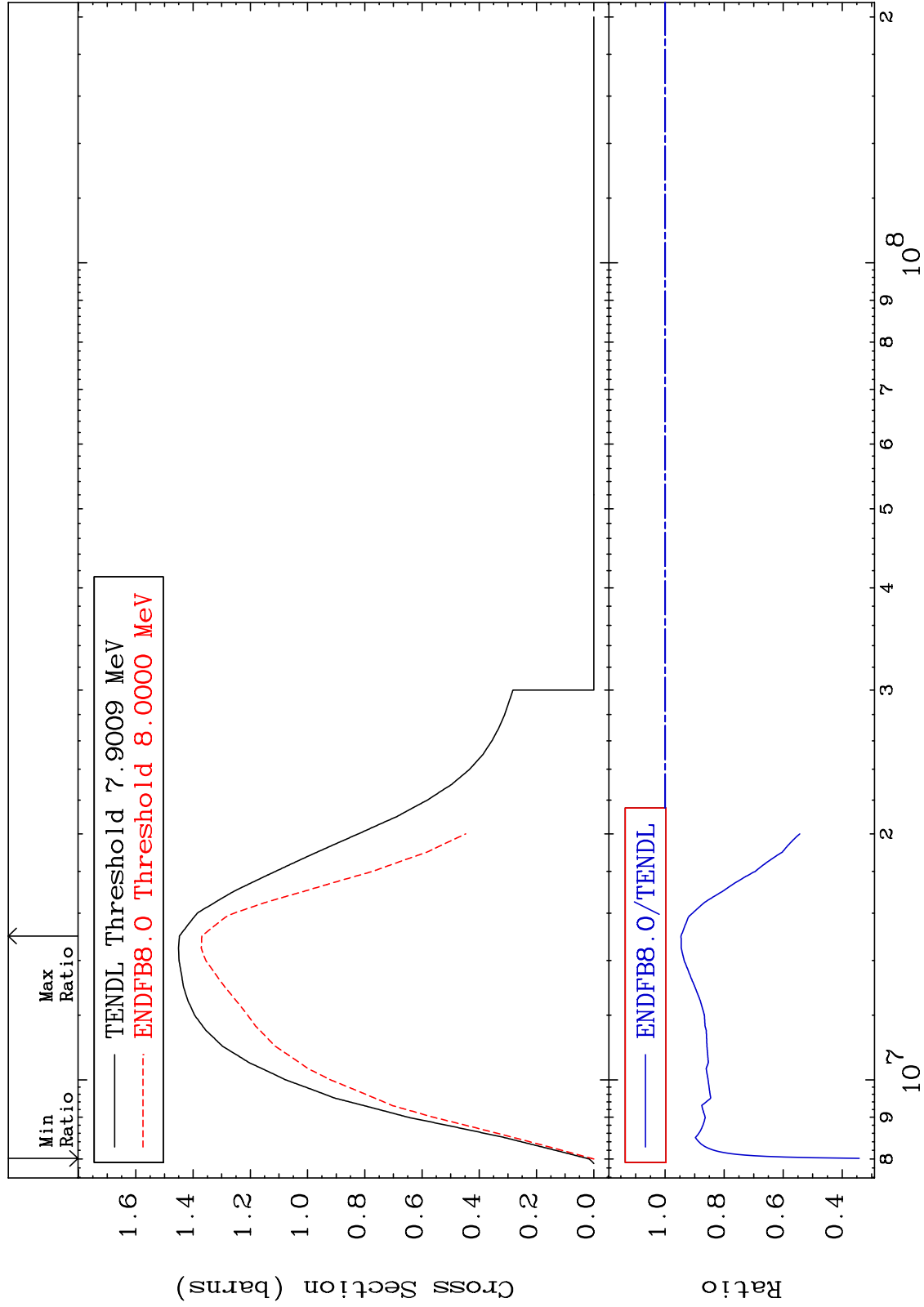
MAT 3843

(n,2n)

38-Sr-90

Cross Section

-65.80 To -5.386%



4

Incident Energy (eV)

38-Sr-90

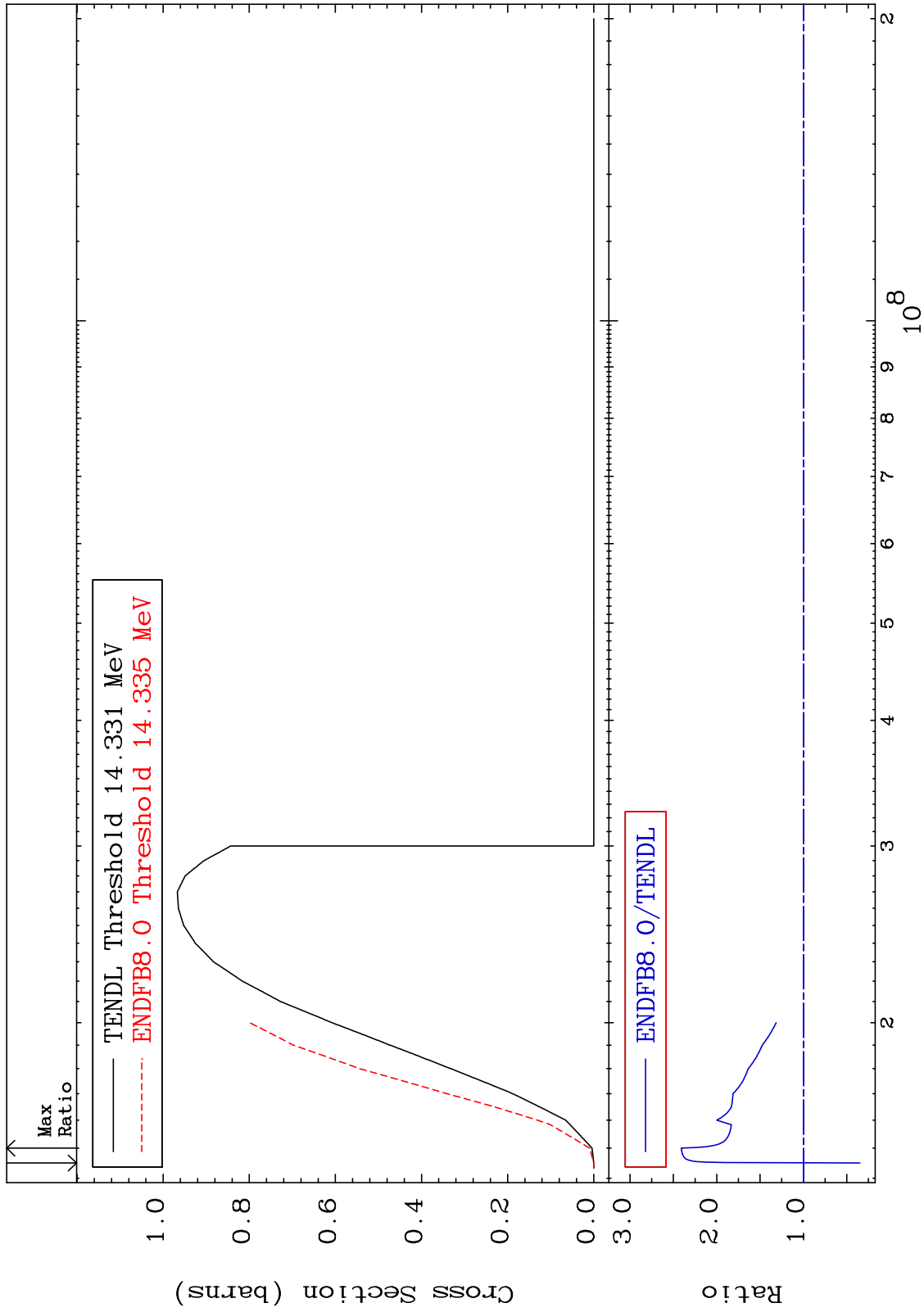
MAT 3843

(n,3n)

38-Sr-90

Cross Section

-65.18 To 140.9 %



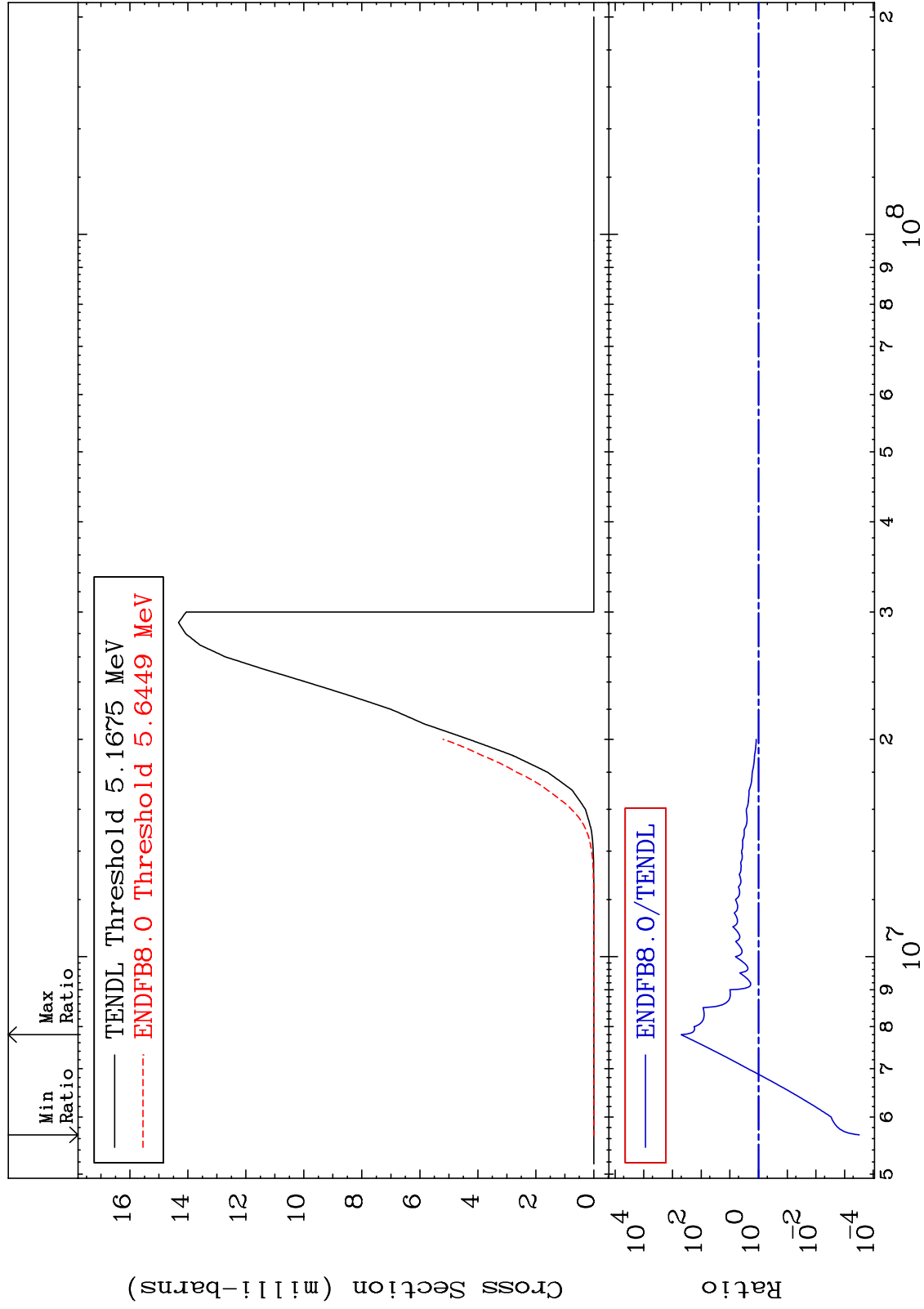
MAT 3843

(n,n') α

38-Sr-90

Cross Section

-99.97 To 9999. %



6

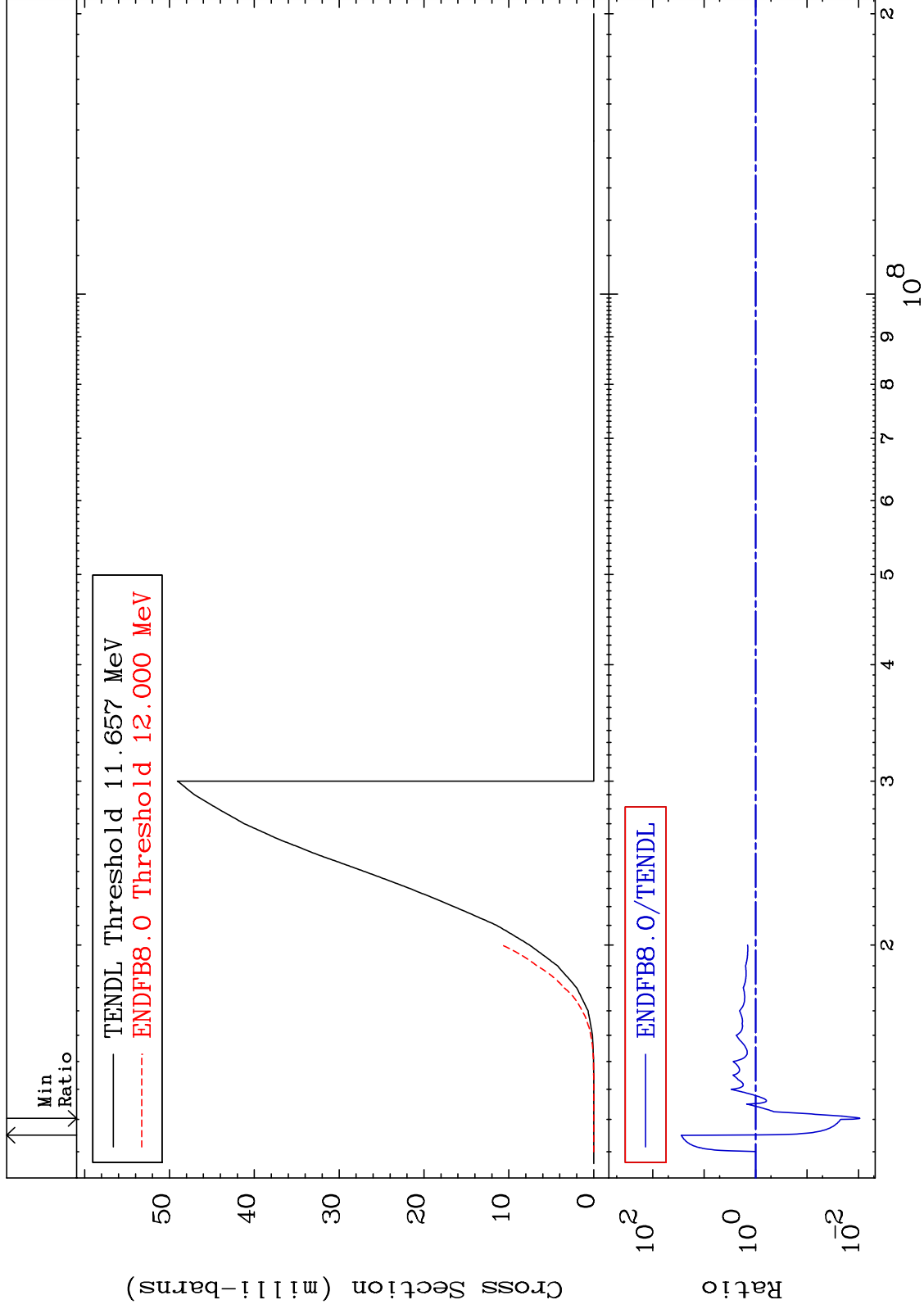
Incident Energy (eV)

38-Sr-90

MAT 3843

(n,n') p
Cross Section

38-Sr-90
-99.06 To 2687. %



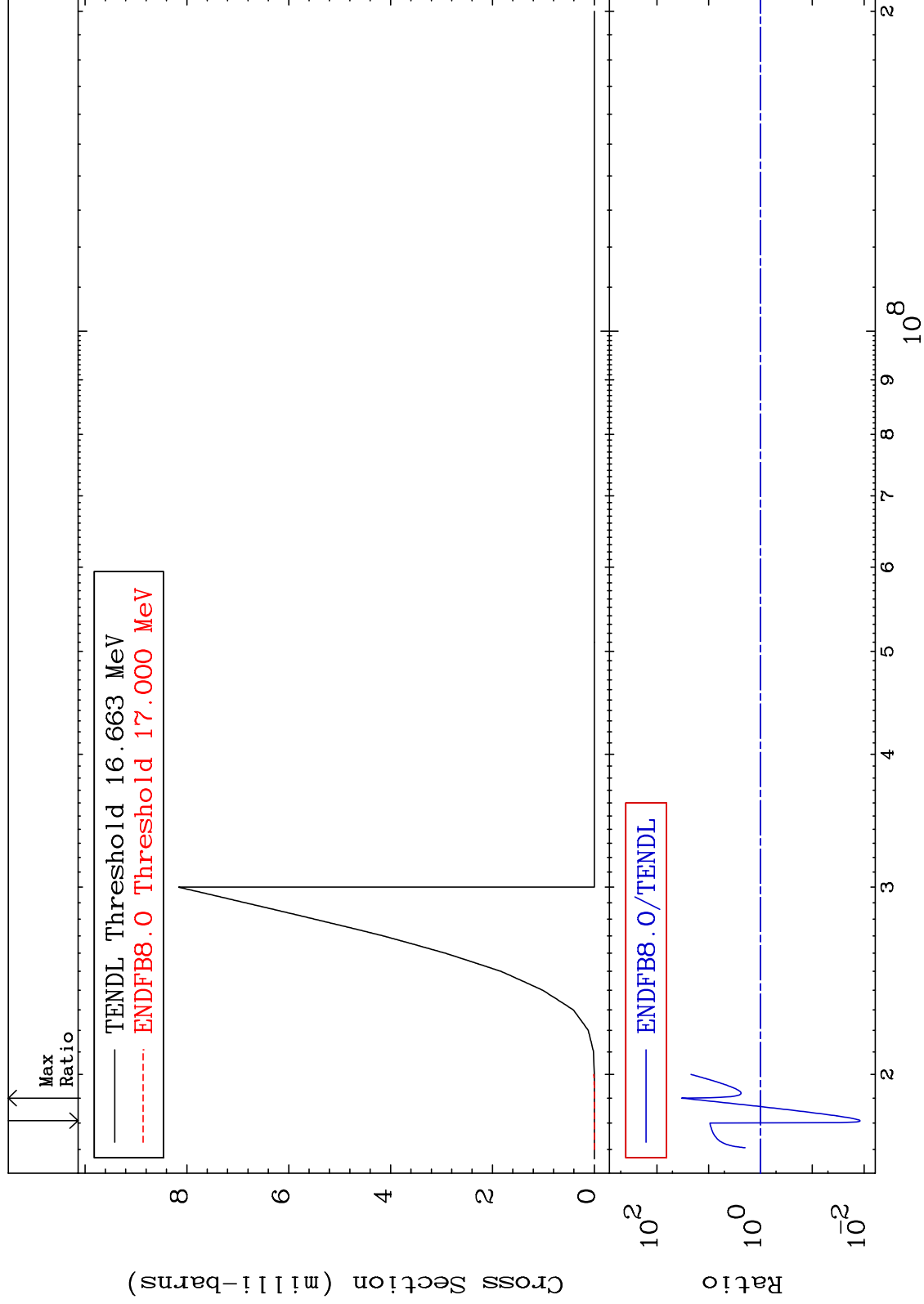
MAT 3843

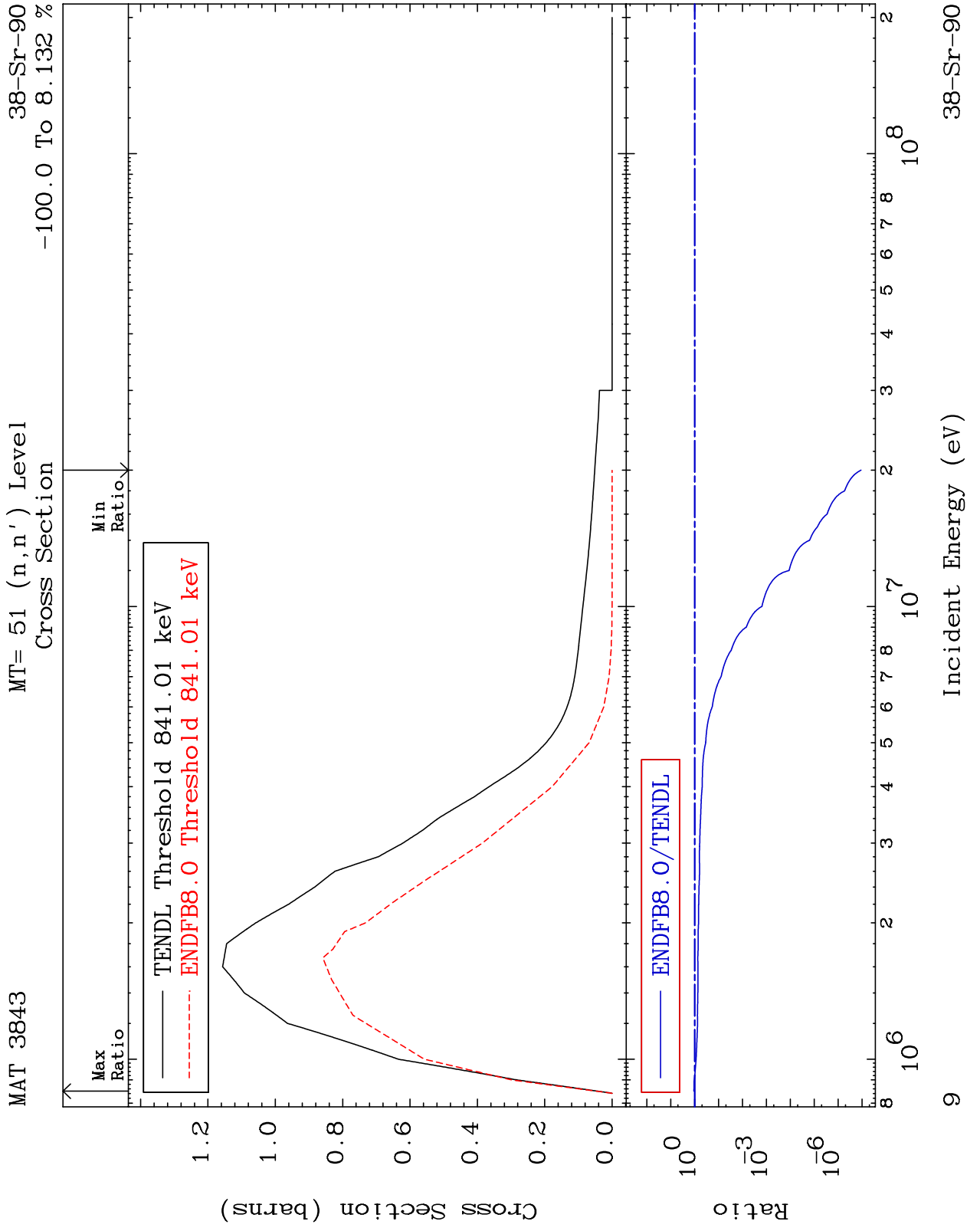
(n,n') d

38-Sr-90

Cross Section

-98.80 To 3224. %

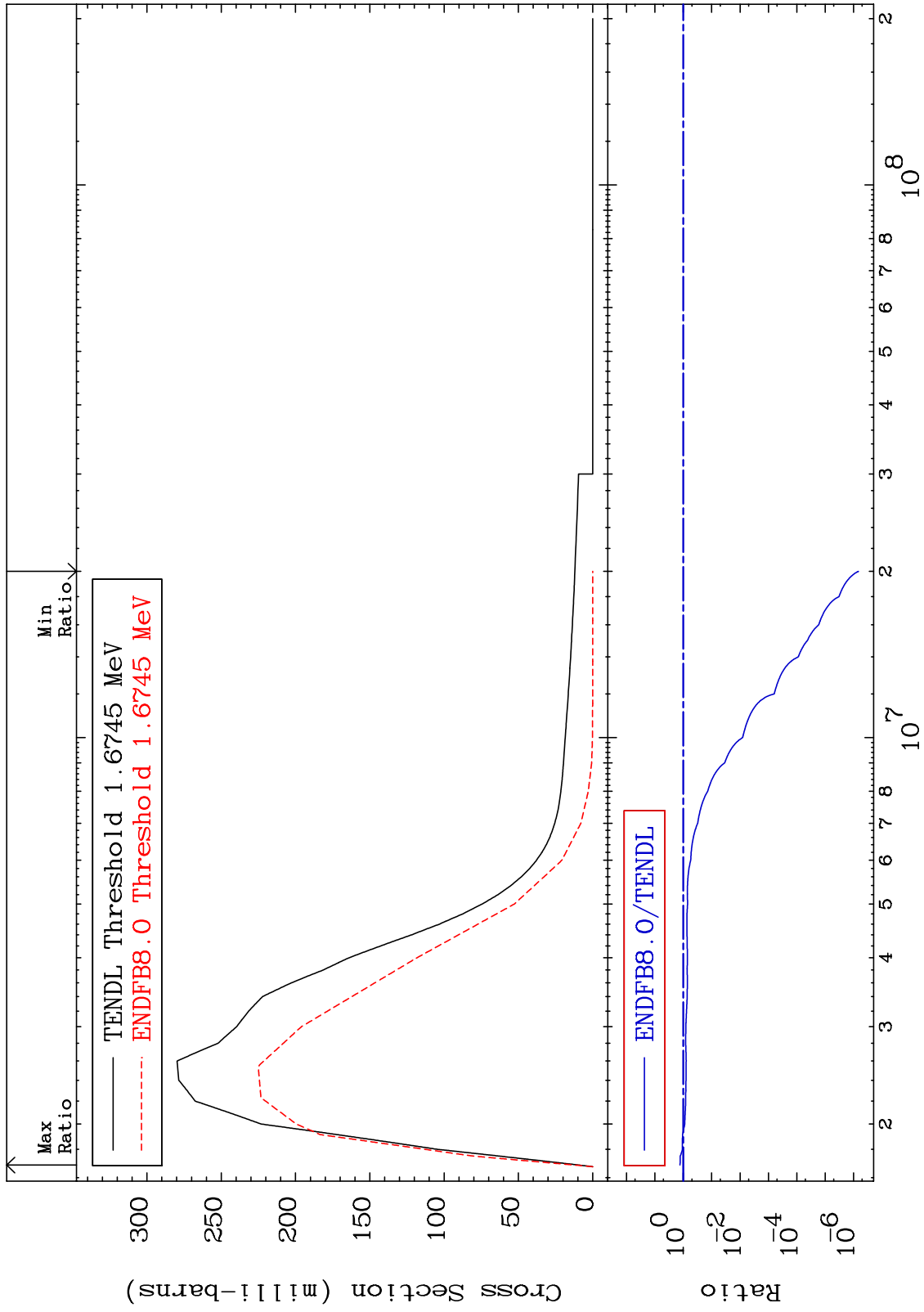




MAT 3843

MT= 52 (n,n') Level
Cross Section

38-Sr-90
-100.0 To 30.53 %



10

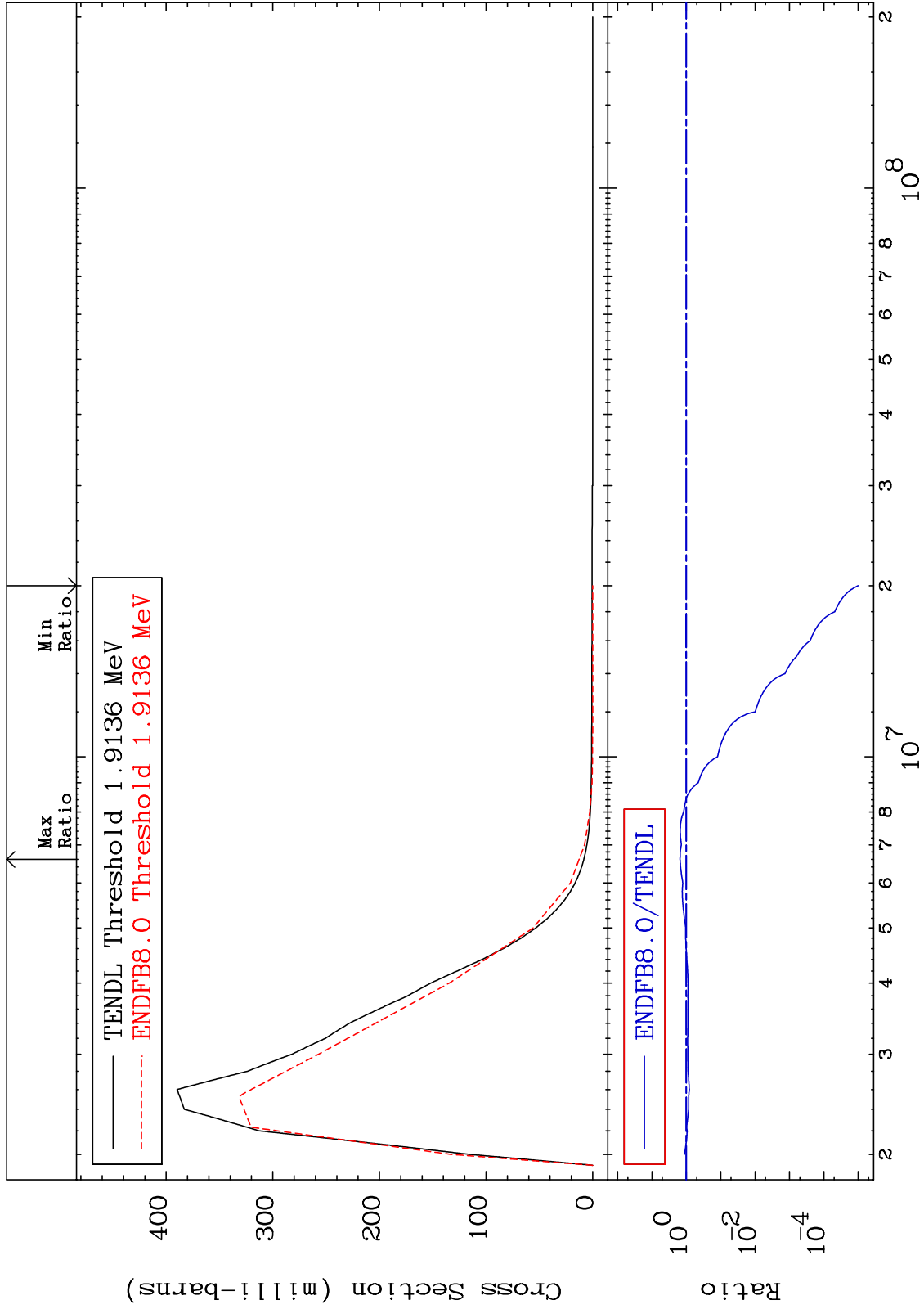
Incident Energy (eV)

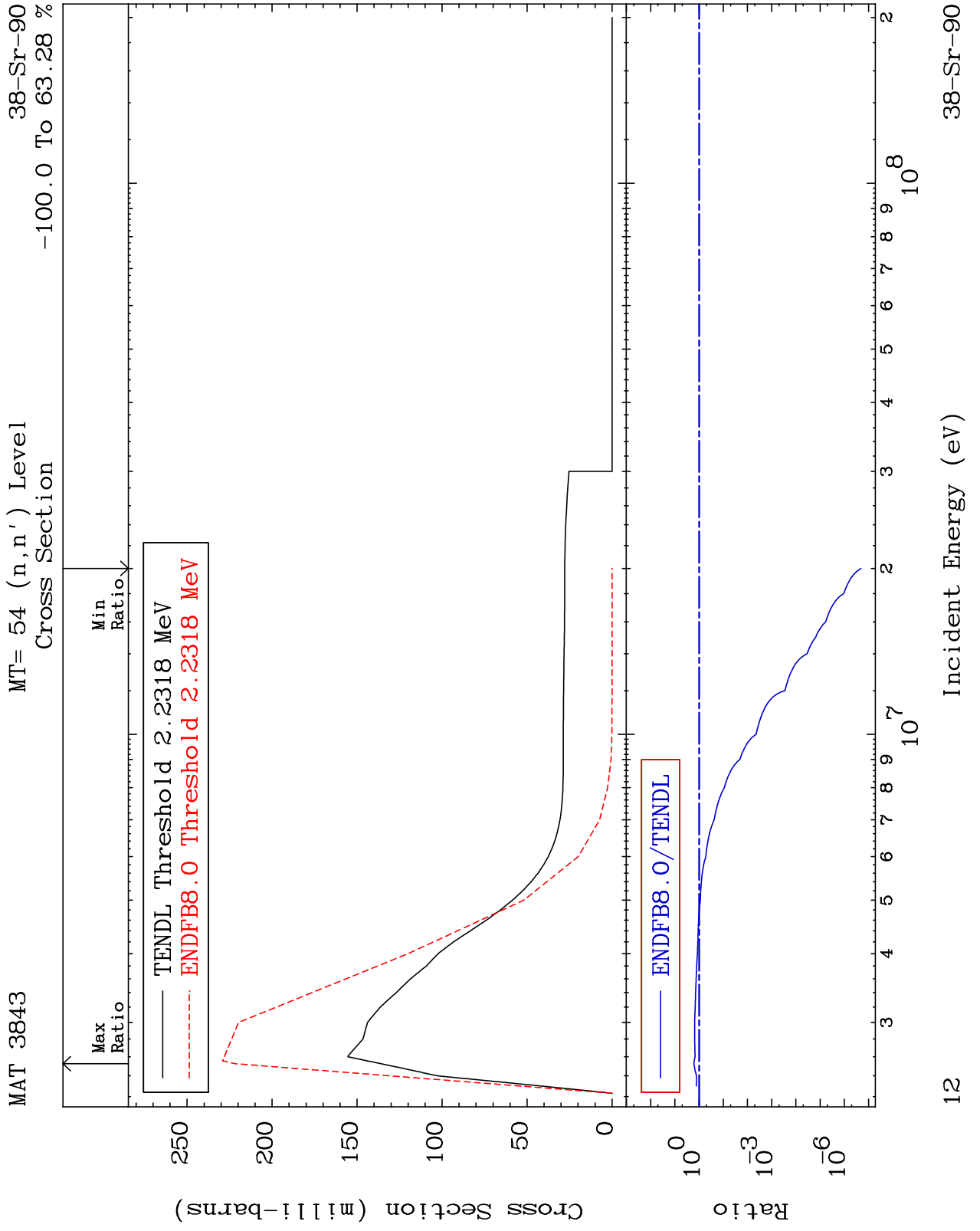
38-Sr-90

MAT 3843

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

38-Sr-90
-100.0 To 52.66 %

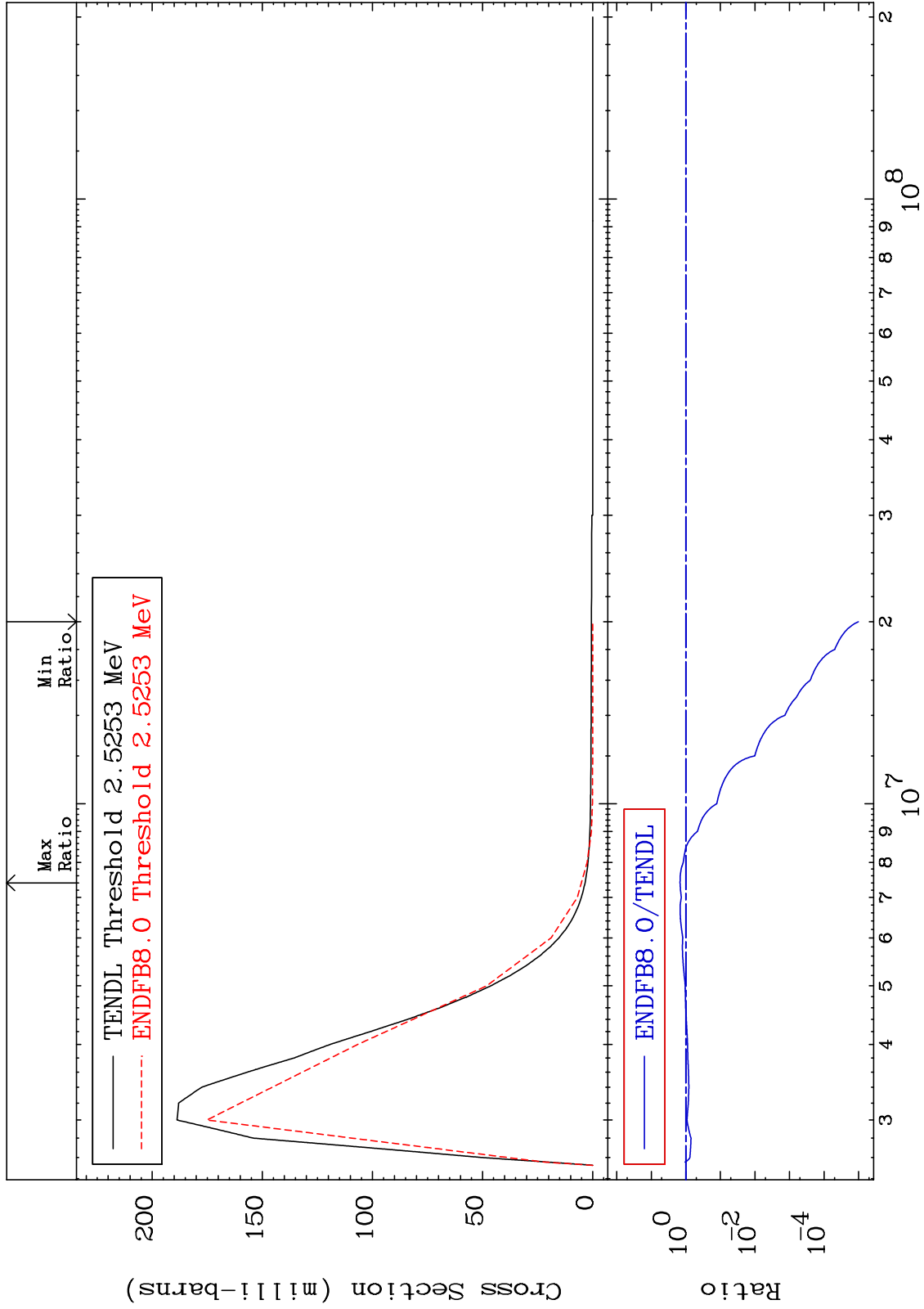




MAT 3843

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

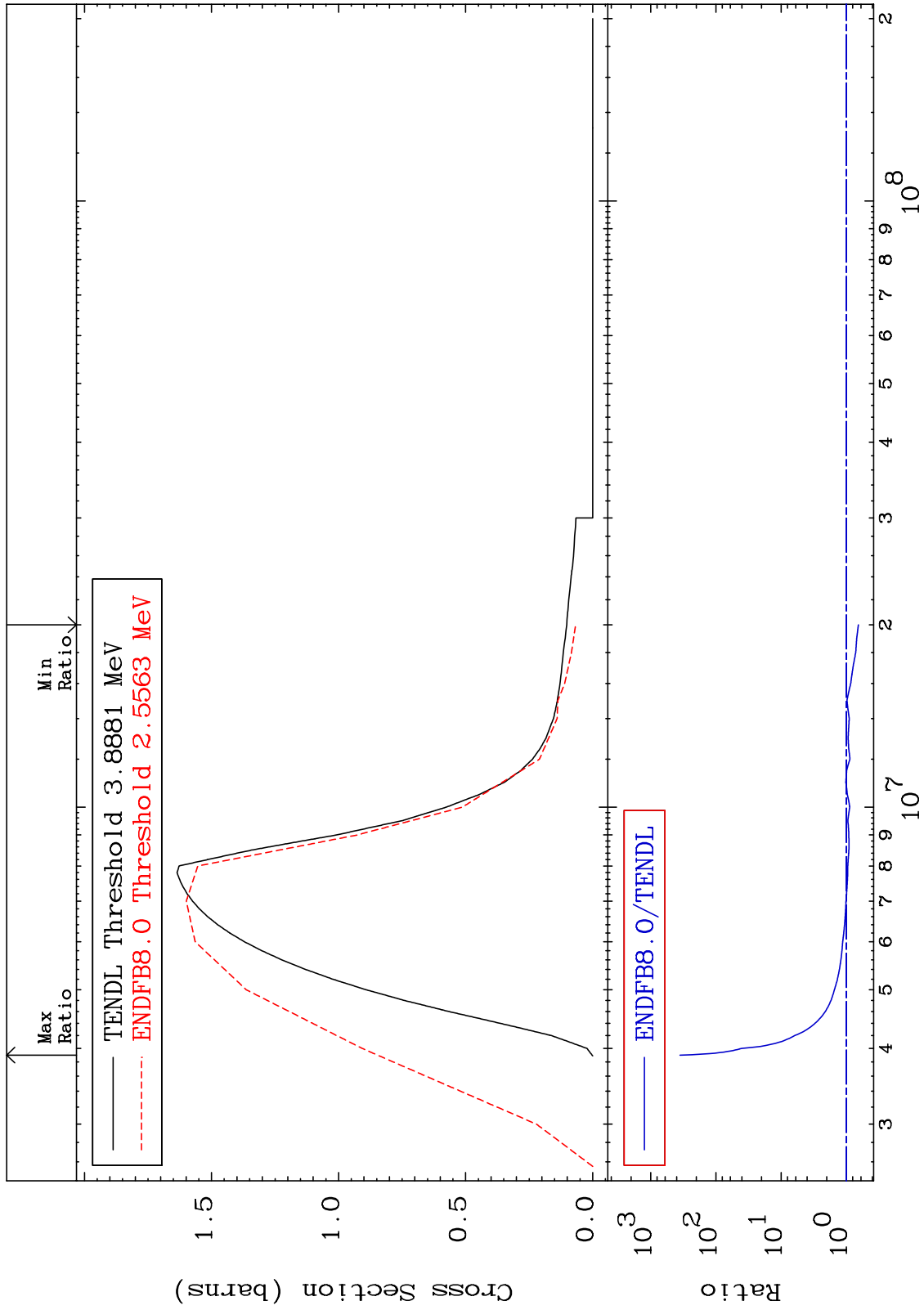
38-Sr-90
-100.0 To 47.43 %



MAT 3843

(n, n') Continuum
Cross Section

38-Sr-90
-34.41 To 9999. %



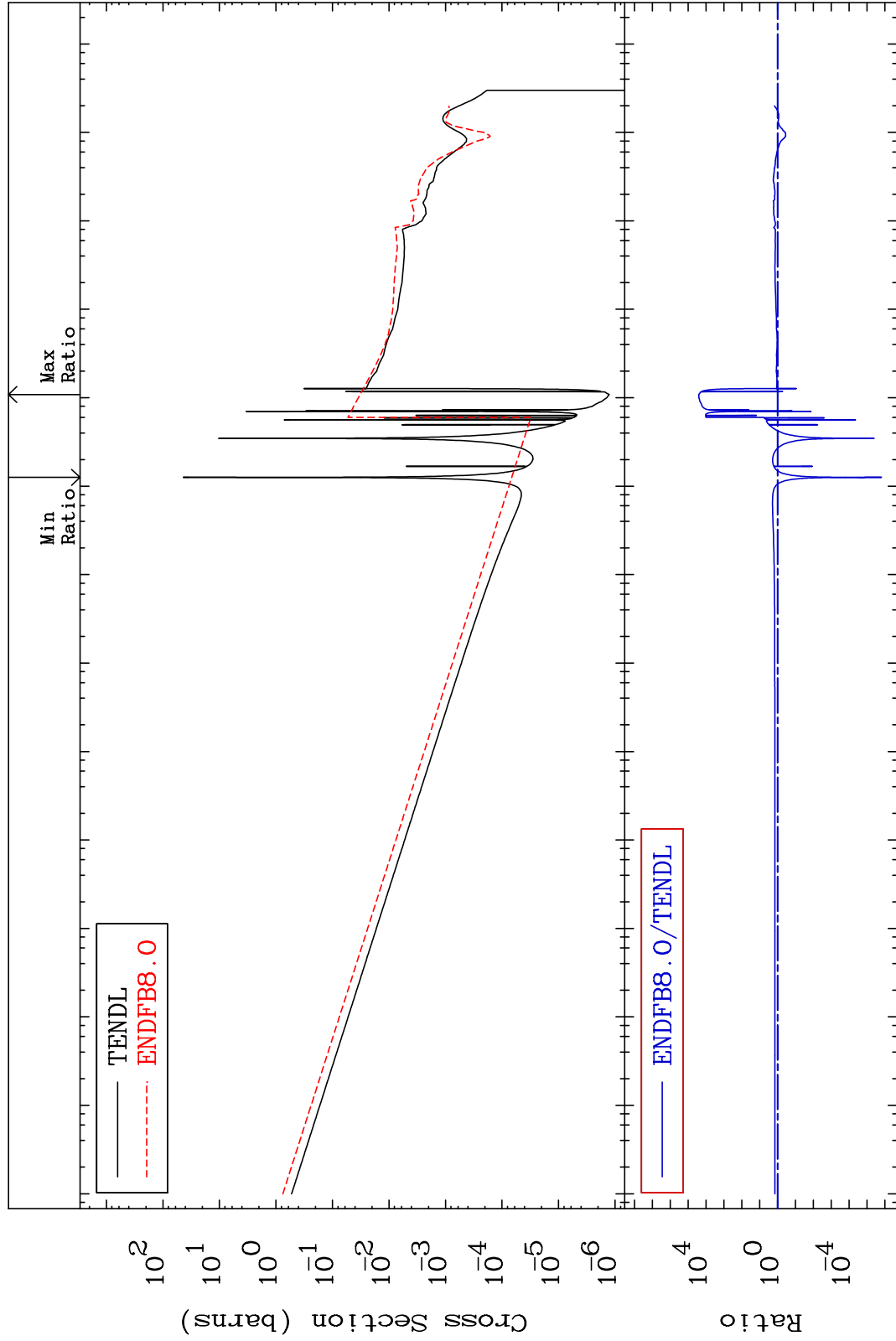
MAT 3843

(n, γ)

38-Sr-90

Cross Section

-100.0 To 9999. %



15

Incident Energy (eV)

38-Sr-90

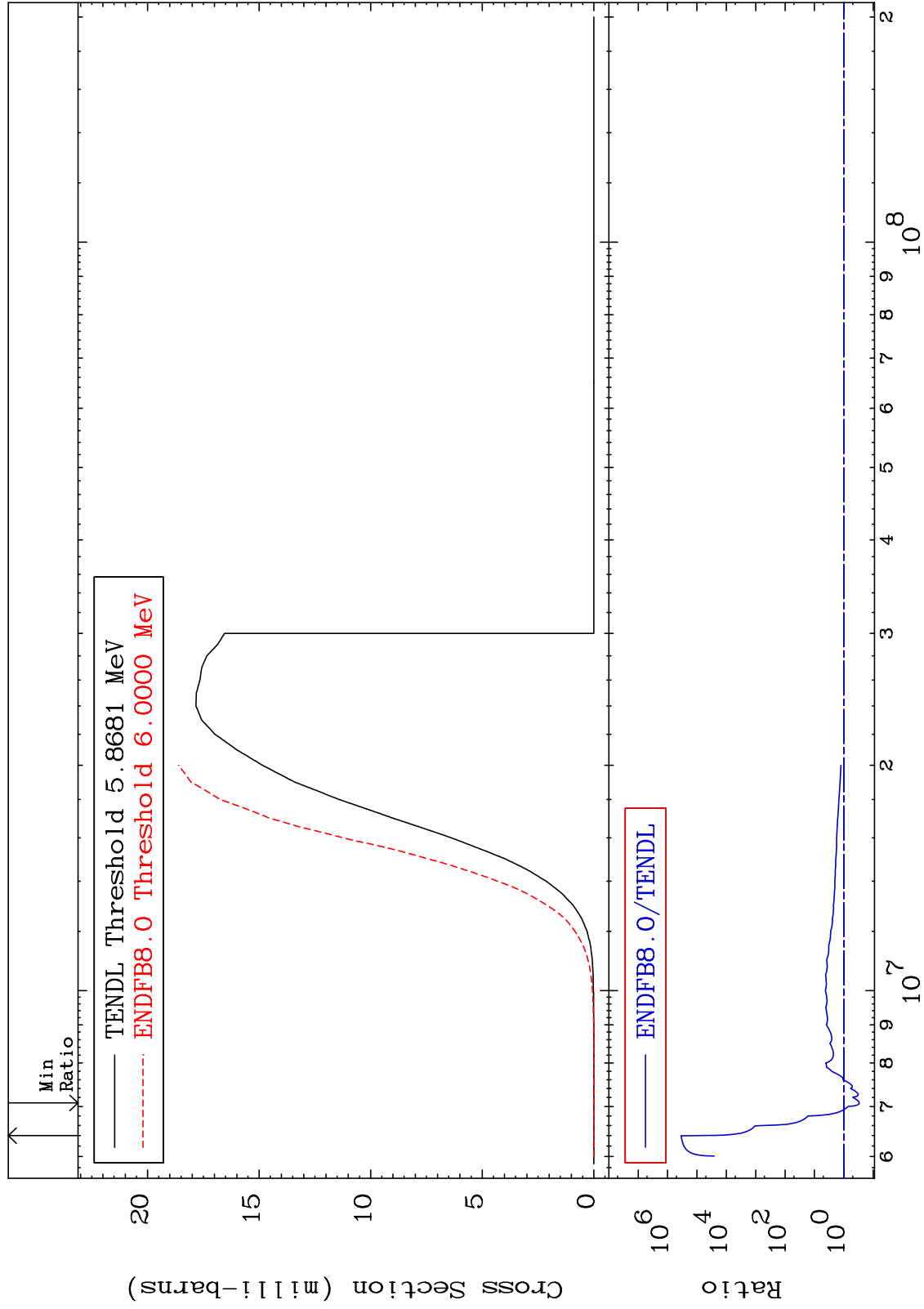
MAT 3843

(n,p)

38-Sr-90

Cross Section

-70.24 To 9999. %



16

Incident Energy (eV)

38-Sr-90

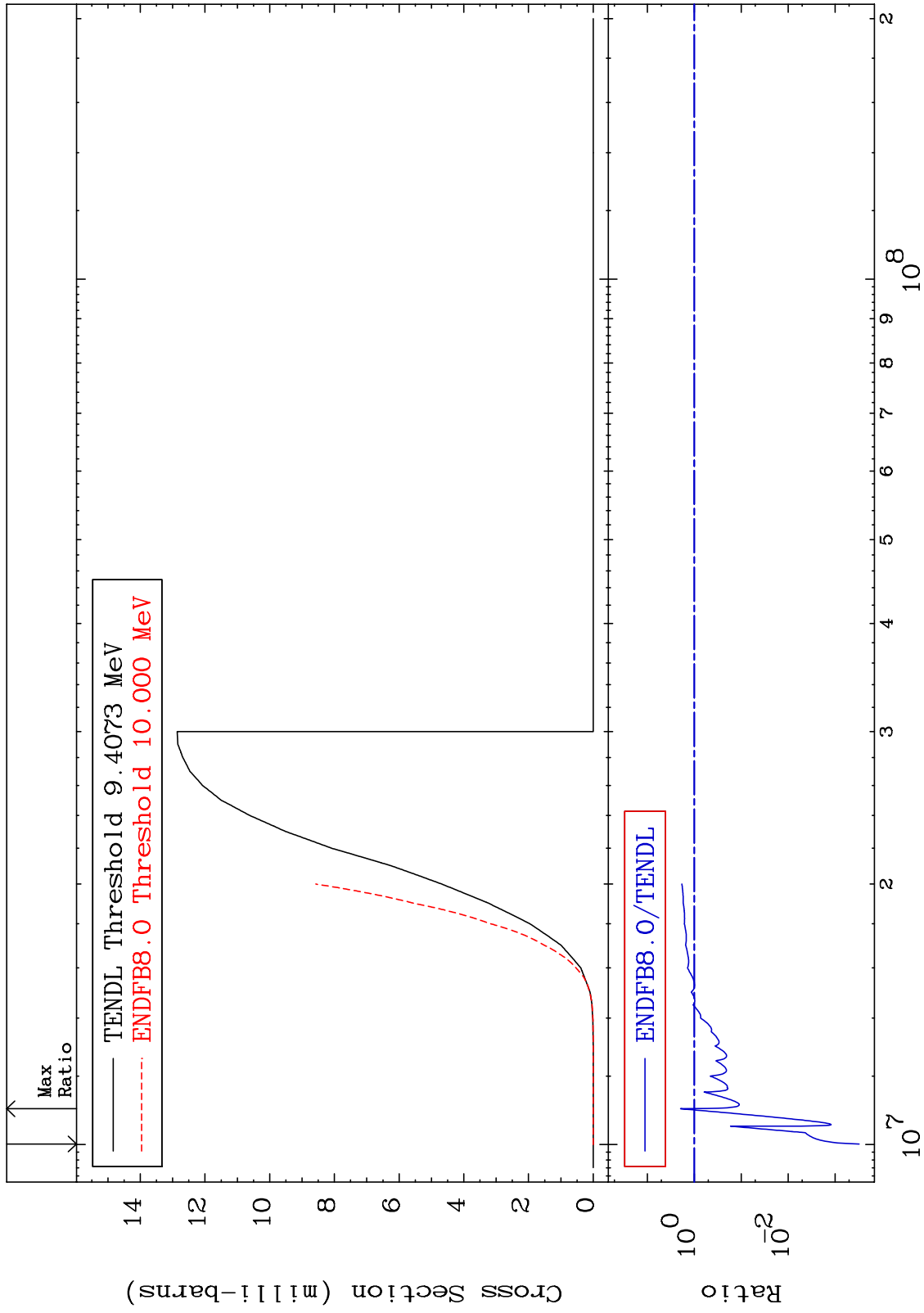
MAT 3843

(n, d)

38-Sr-90

Cross Section

-99.97 To 94.83 %



17

Incident Energy (eV)

38-Sr-90

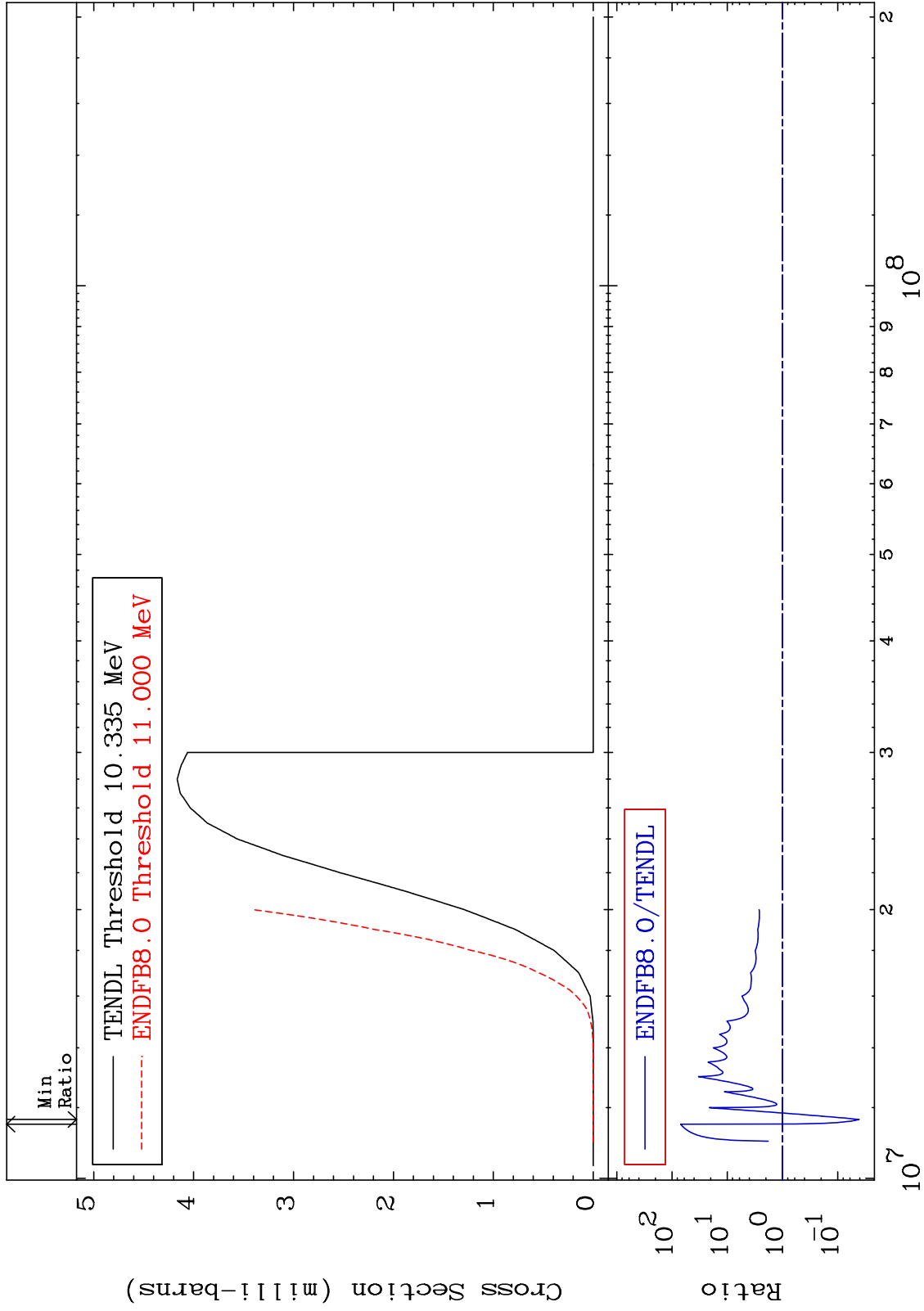
MAT 3843

(n, t)

38-Sr-90

Cross Section

-95.91 To 6885. %



38-Sr-90

Incident Energy (eV)

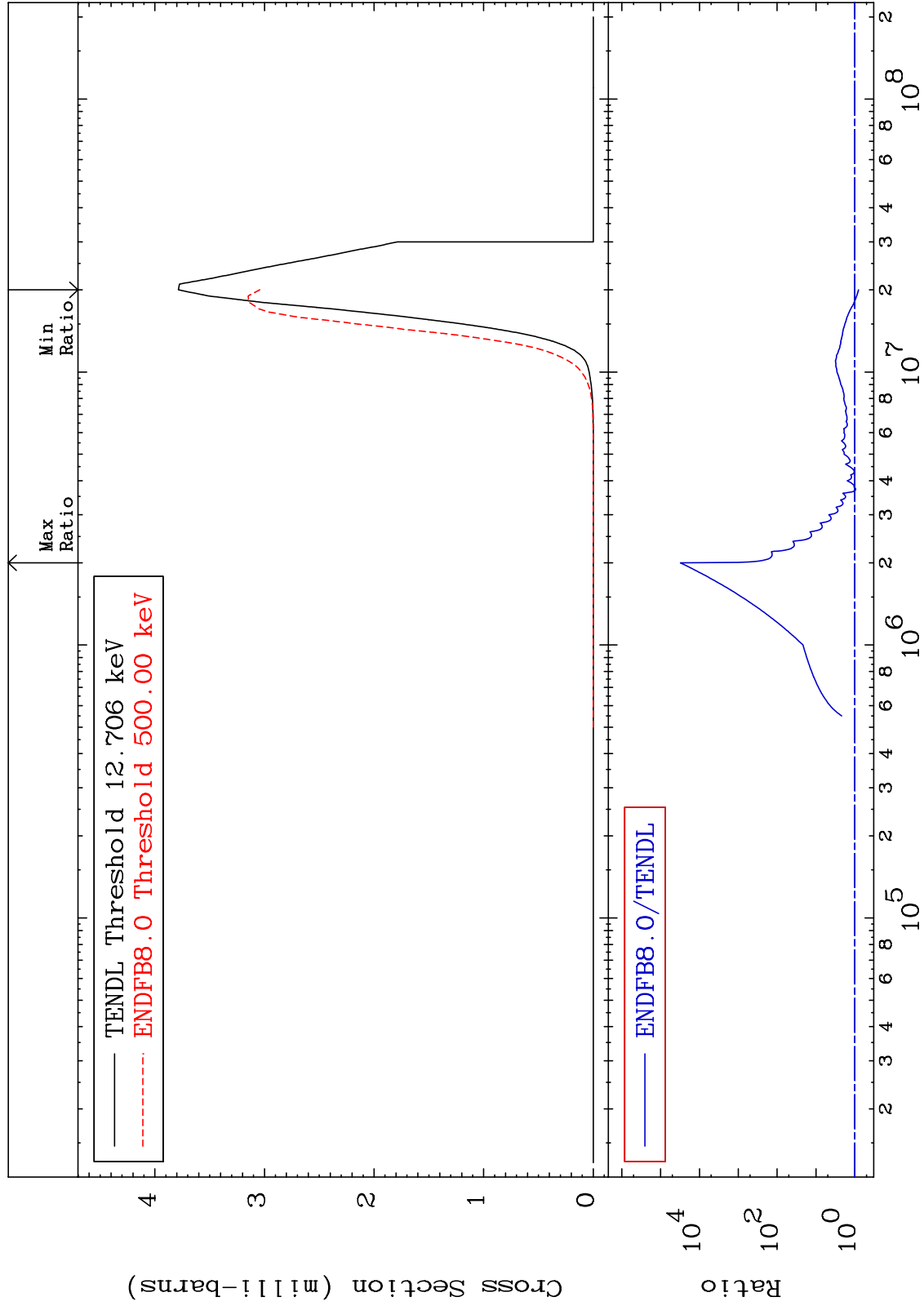
MAT 3843

(n, α)

38-Sr-90

Cross Section

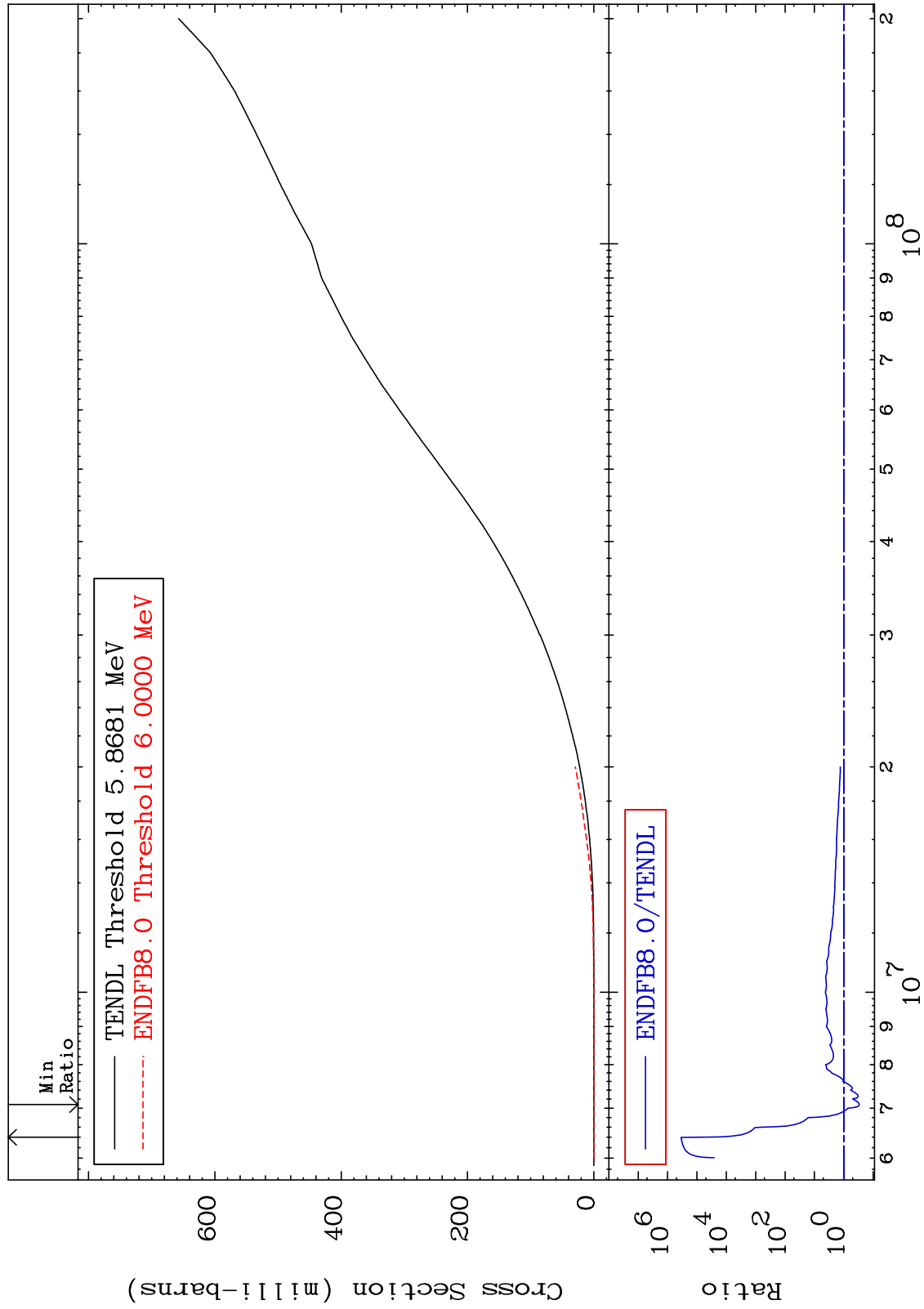
-19.60 To 9999. %



MAT 3843

Hydrogen Production
Cross Section

38-Sr-90
-70.24 To 9999. %



20

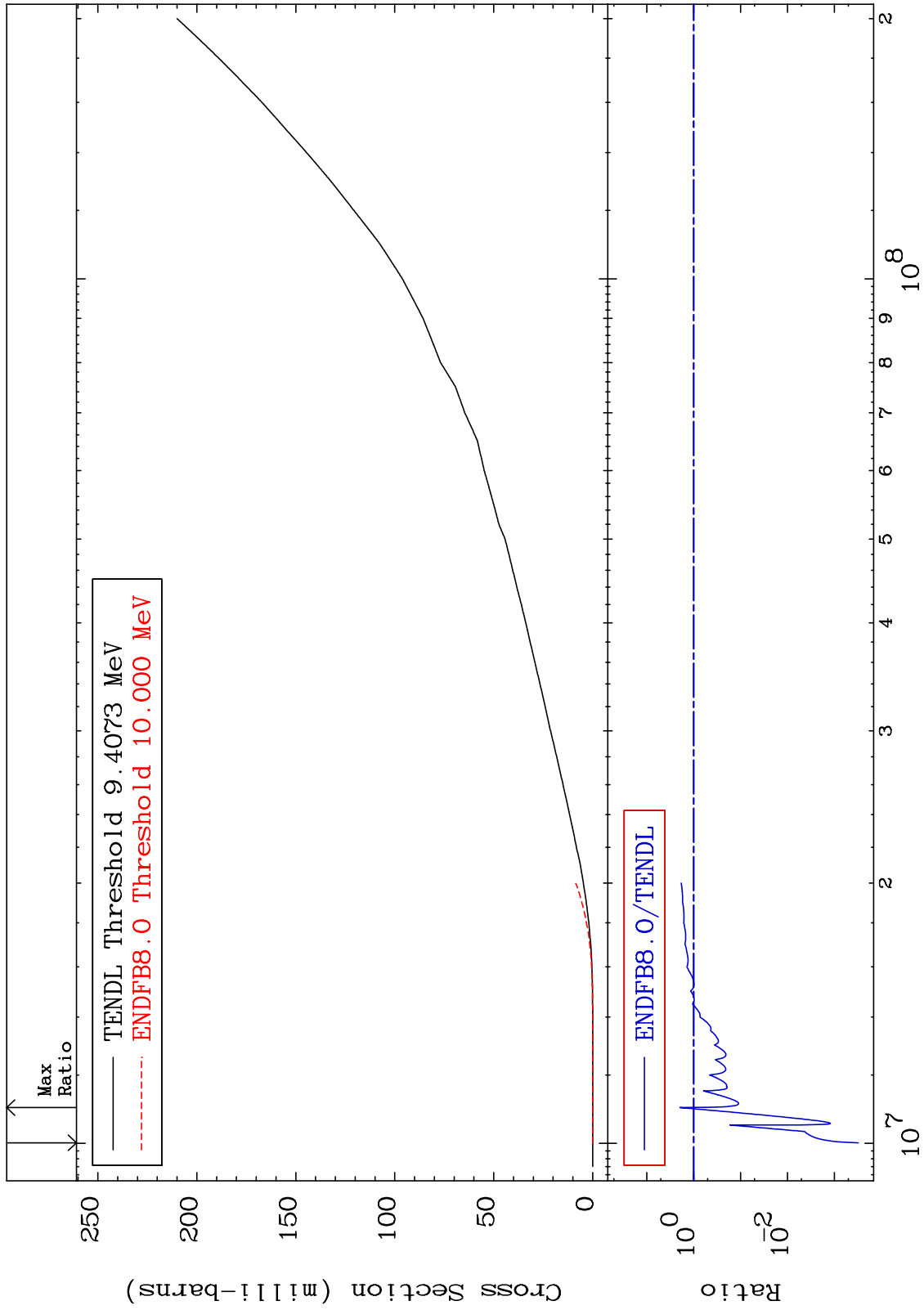
Incident Energy (eV)

38-Sr-90

MAT 3843

Deuterium Production
Cross Section

38-Sr-90
-99.97 To 94.83 %



21

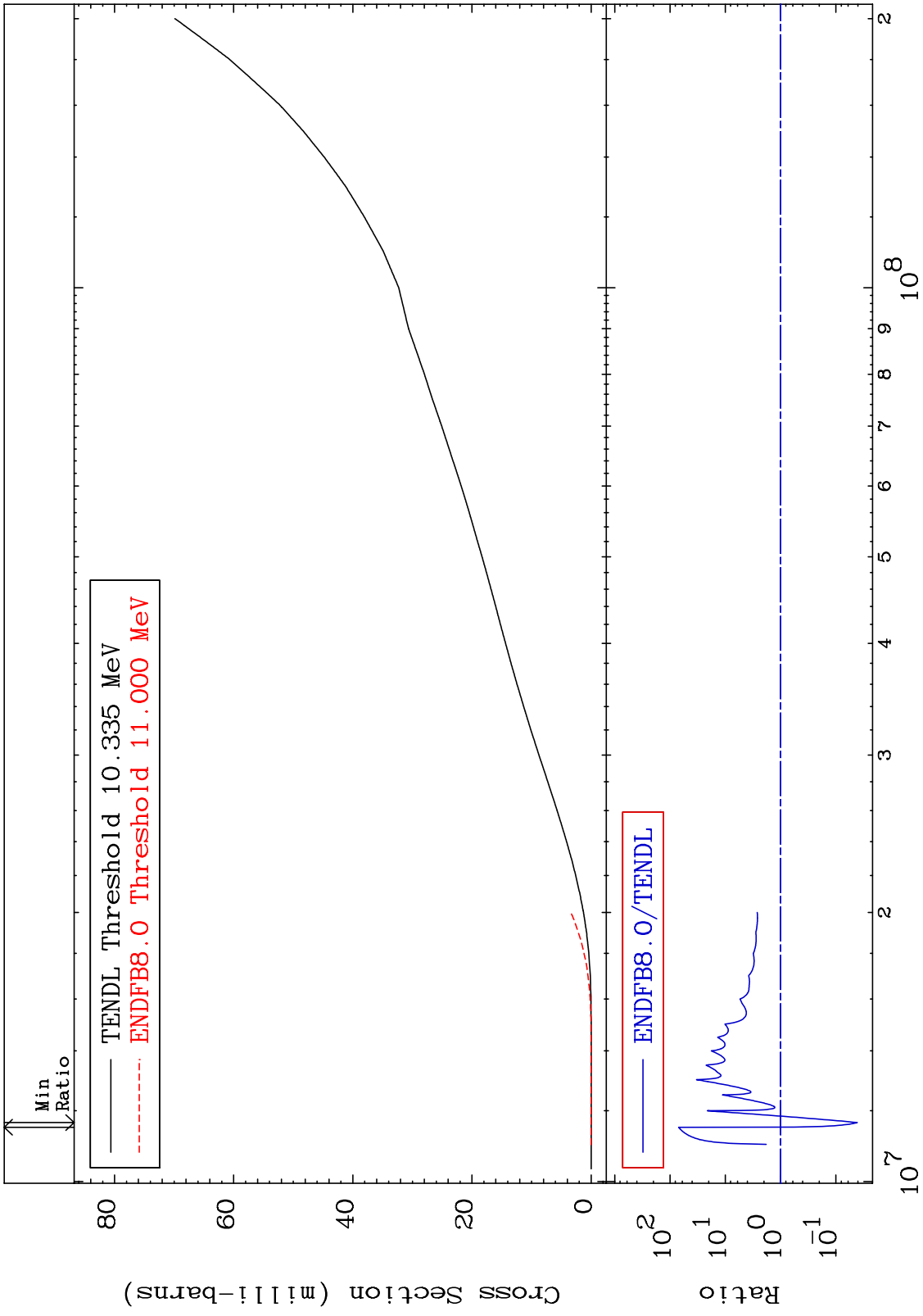
Incident Energy (eV)

38-Sr-90

MAT 3843

Tritium Production
Cross Section

38-Sr-90
-95.91 To 6885. %



38-Sr-90

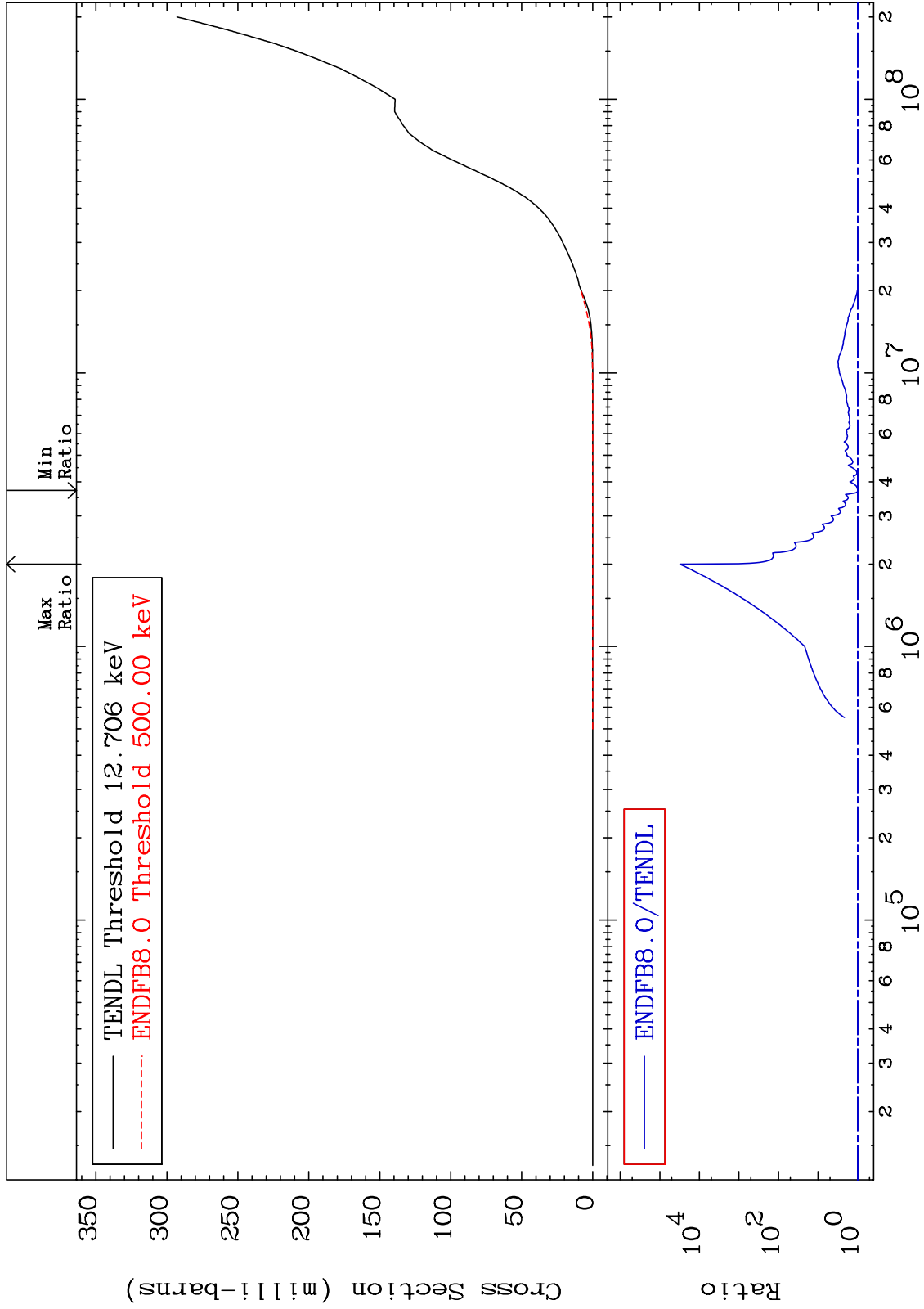
Incident Energy (eV)

22

MAT 3843

He-4 Production
Cross Section

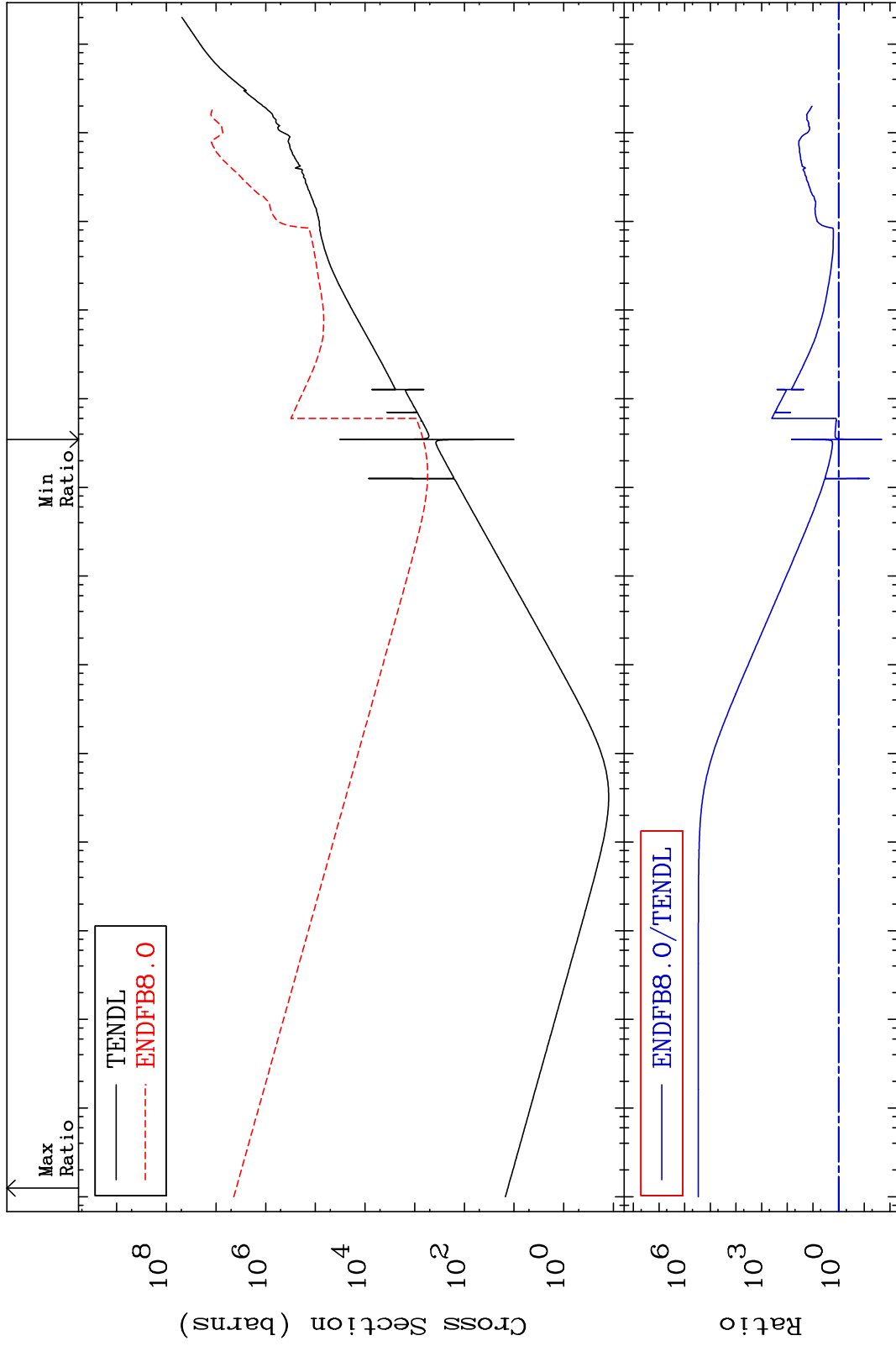
38-Sr-90
-4.436 To 9999. %



MAT 3843

Kerma total (eV-barns)
Cross Section

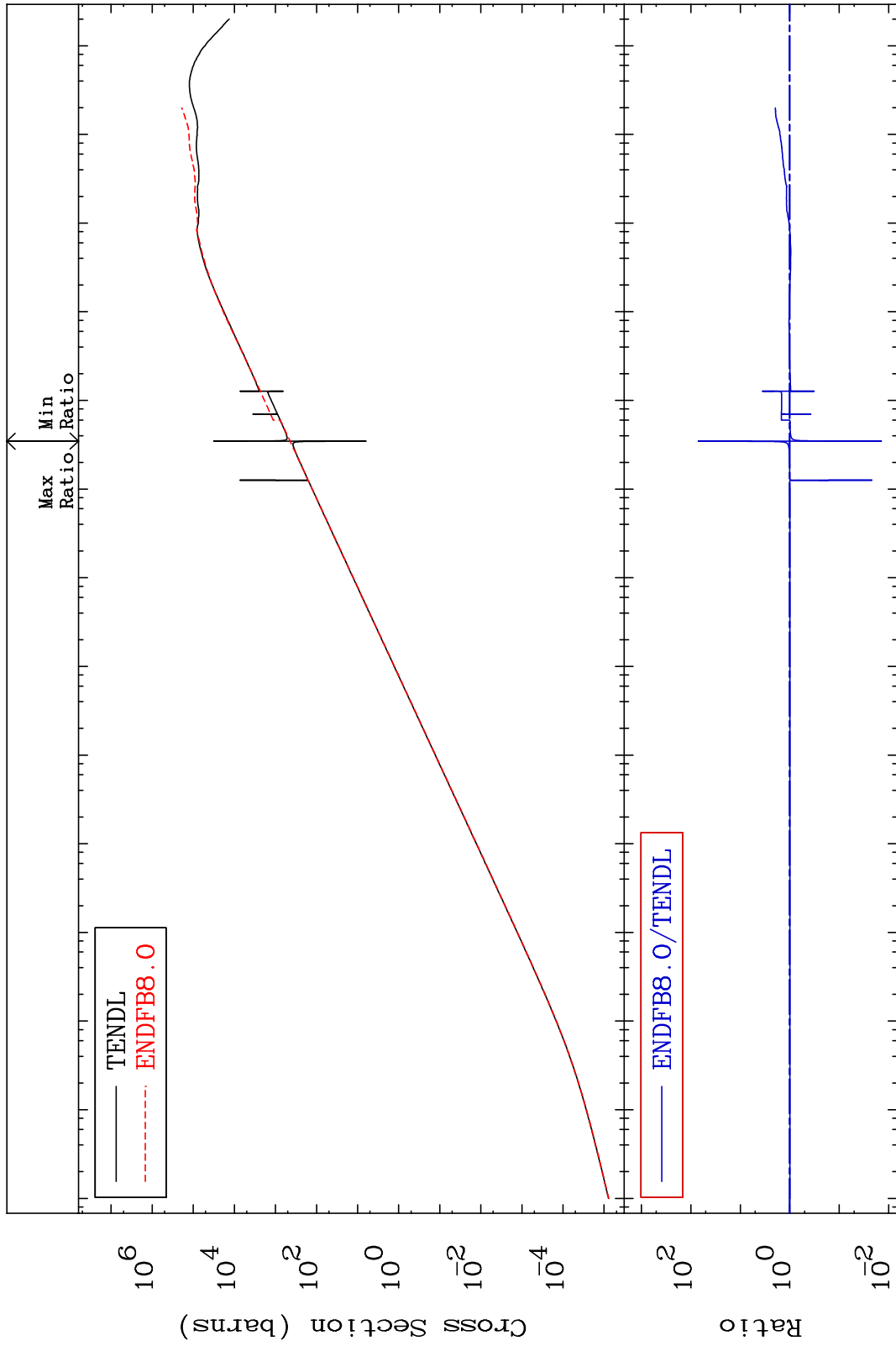
38-Sr-90
-97.88 To 9999. %



MAT 3843

Kerma elastic
Cross Section

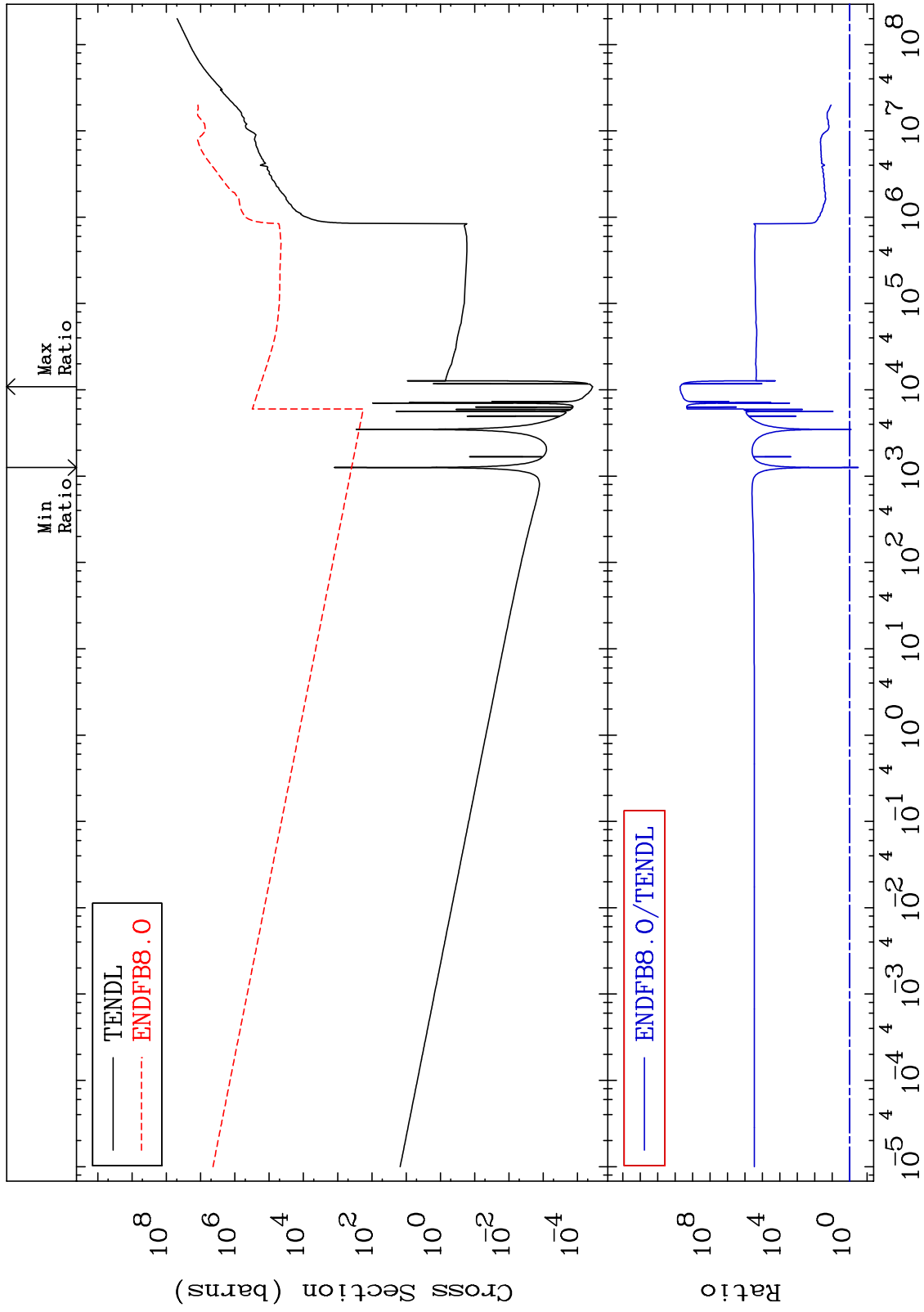
38-Sr-90
-98.60 To 6946. %



MAT 3843

Kerma non-elastic (all but mt2)
Cross Section

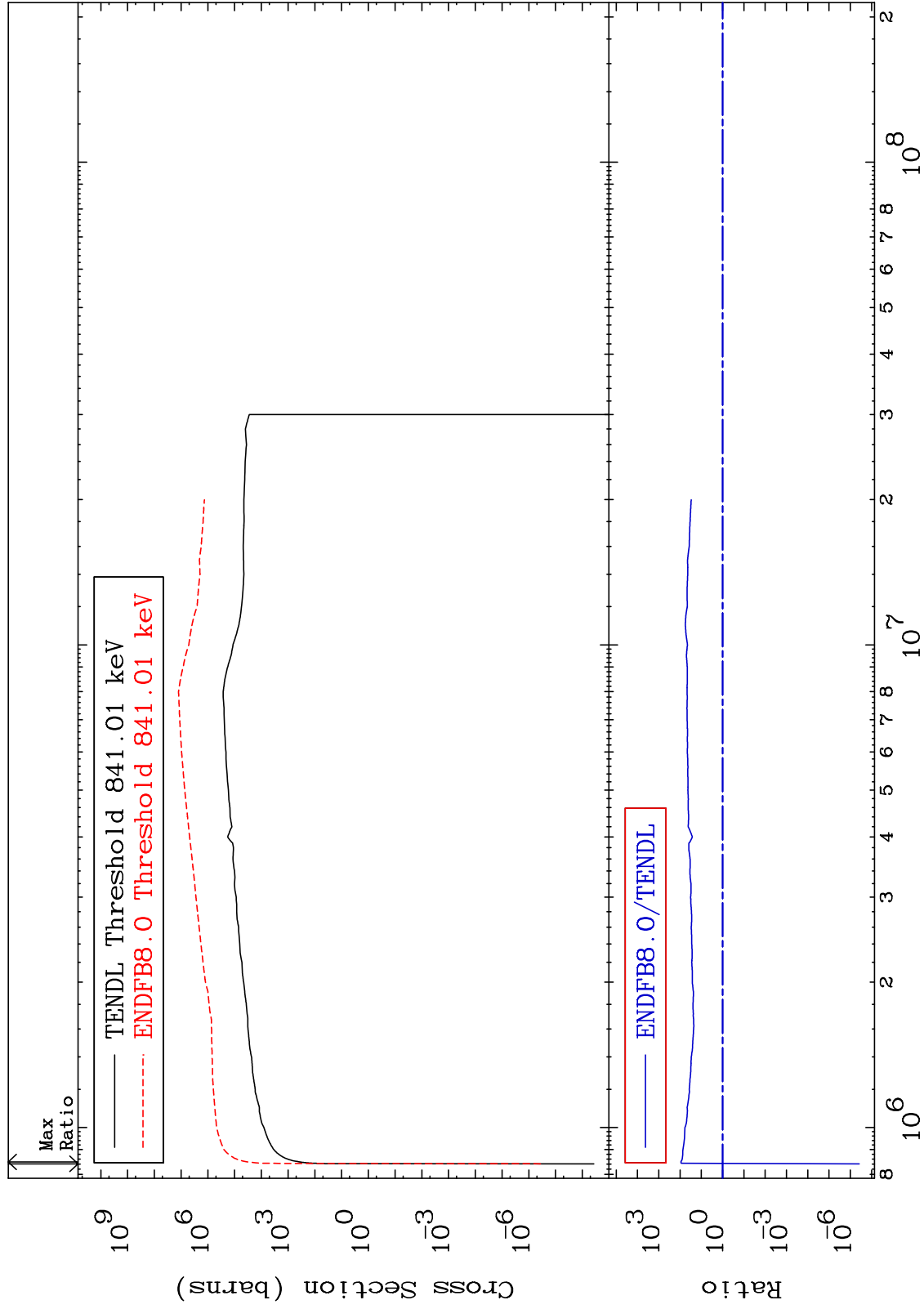
38-Sr-90
-68.46 To 9999. %



MAT 3843

Kerma inelastic (mt51-91)
Cross Section

38-Sr-90
-100.0 To 8890. %



27

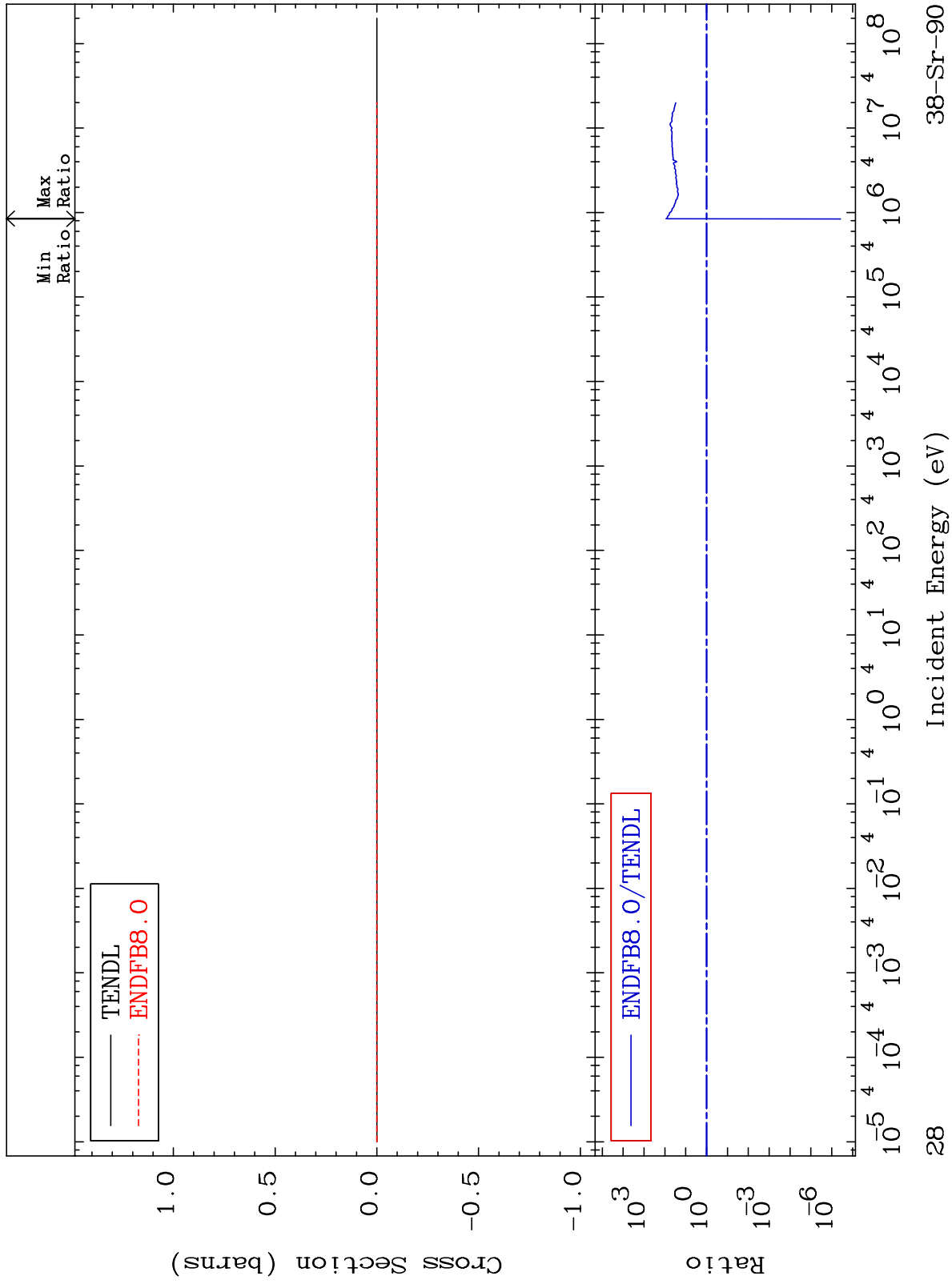
Incident Energy (eV)

38-Sr-90

MAT 3843

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

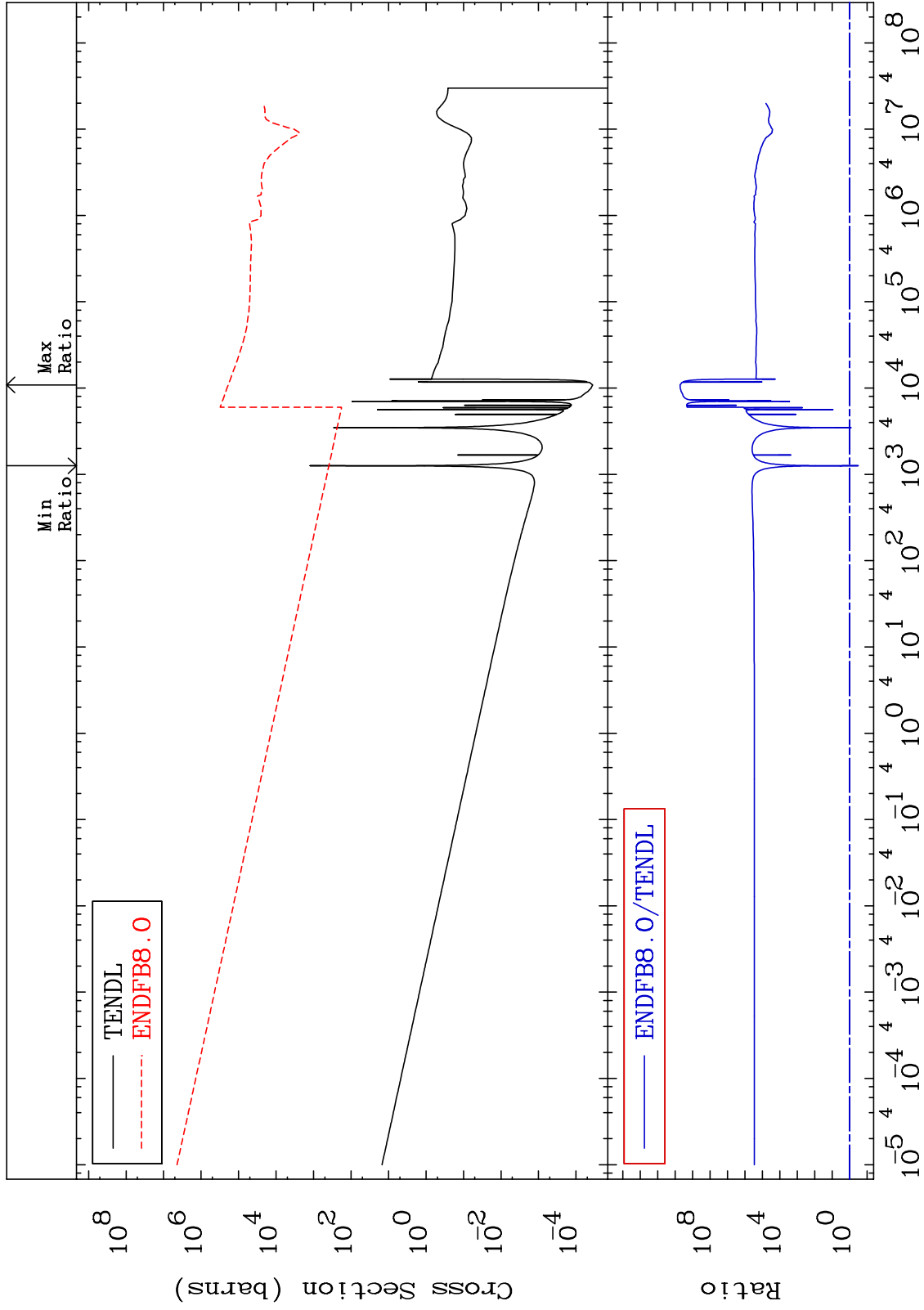
38-Sr-90
-100.0 To 8890. %



MAT 3843

Kerma capture (mt102)
Cross Section

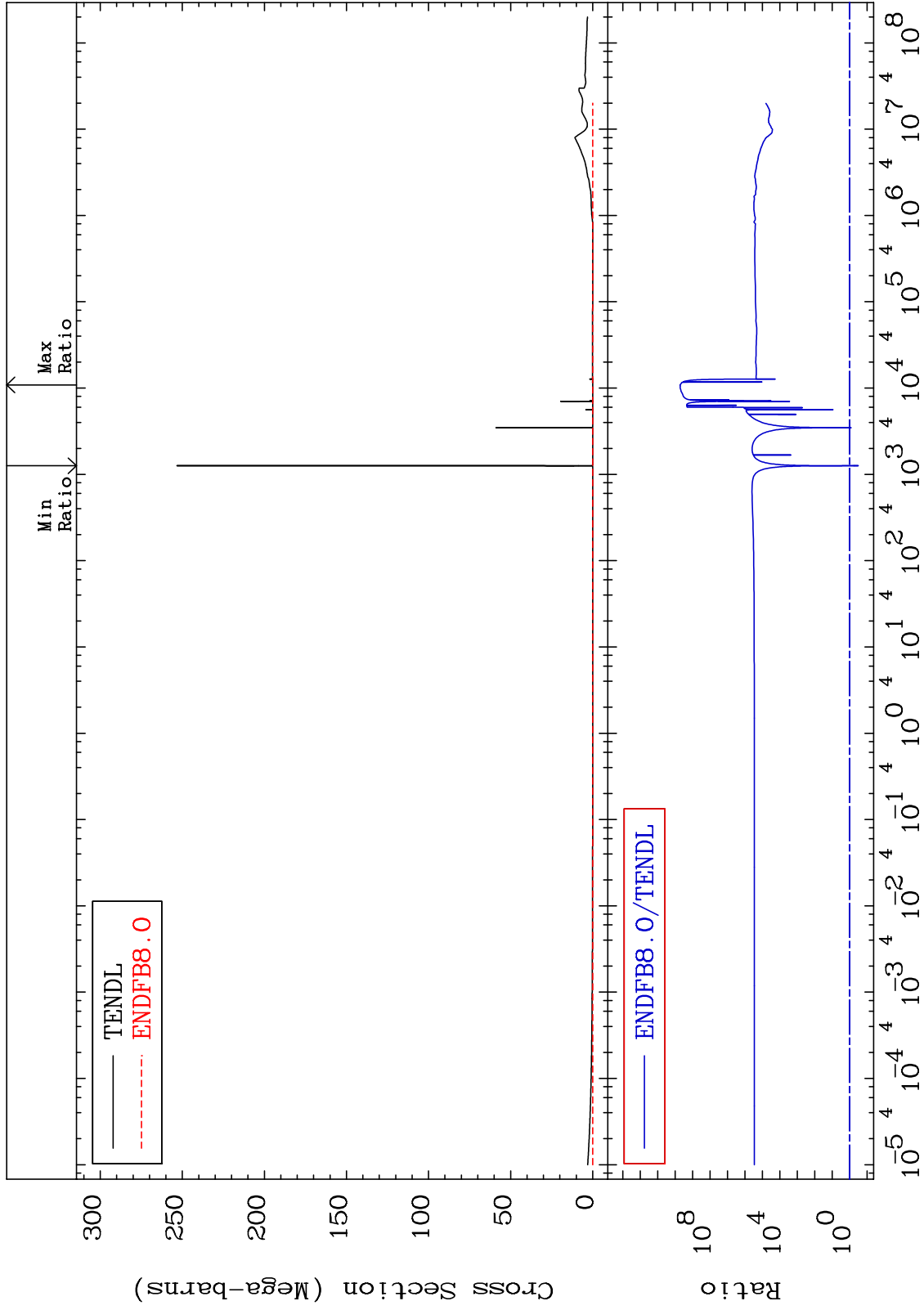
38-Sr-90
-68.46 To 9999. %



MAT 3843

Total photon (eV-barns)
Cross Section

38-Sr-90
-68.46 To 9999. %



30

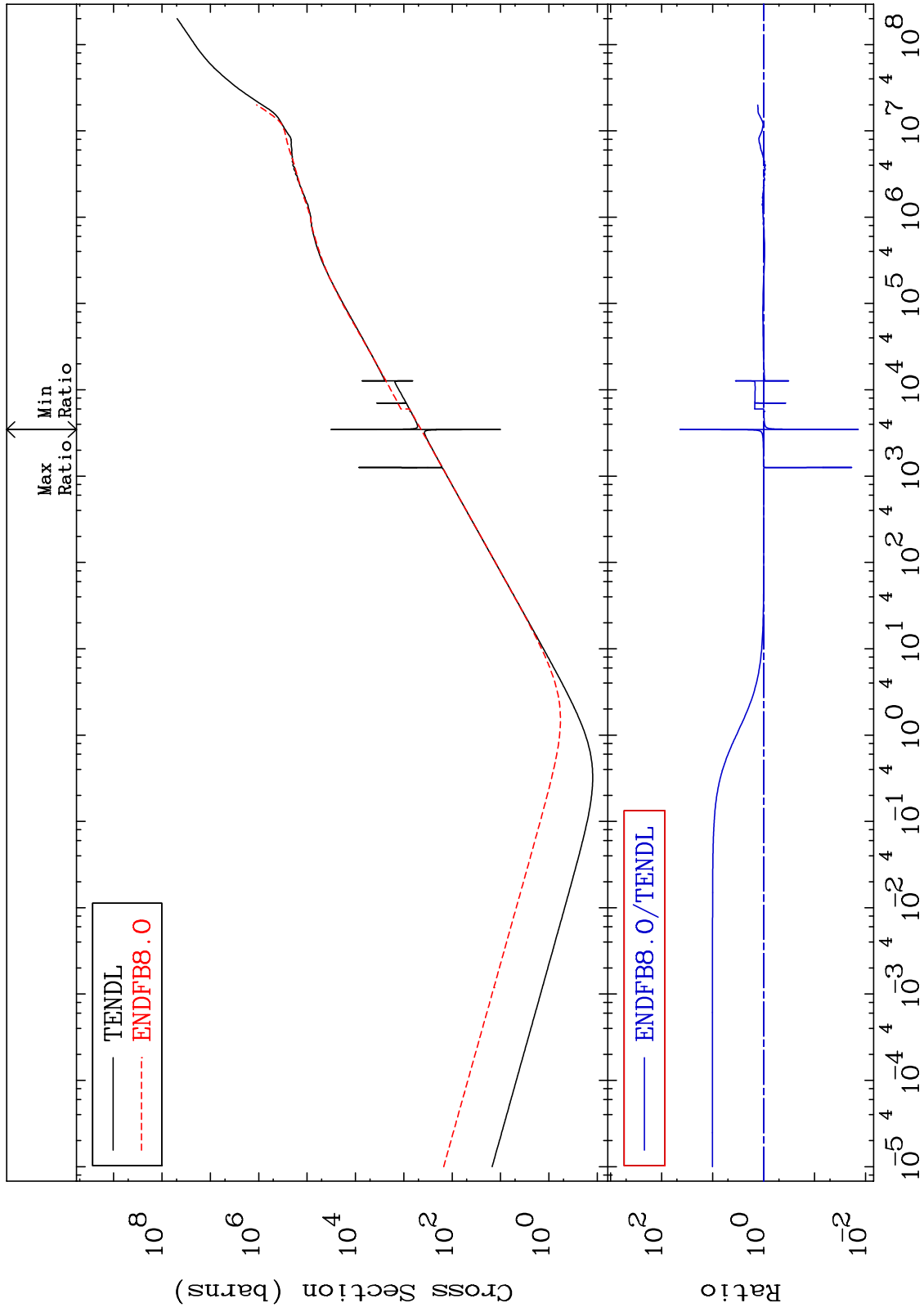
Incident Energy (eV)

38-Sr-90

MAT 3843

Total kinematic kerma (high limit)
Cross Section

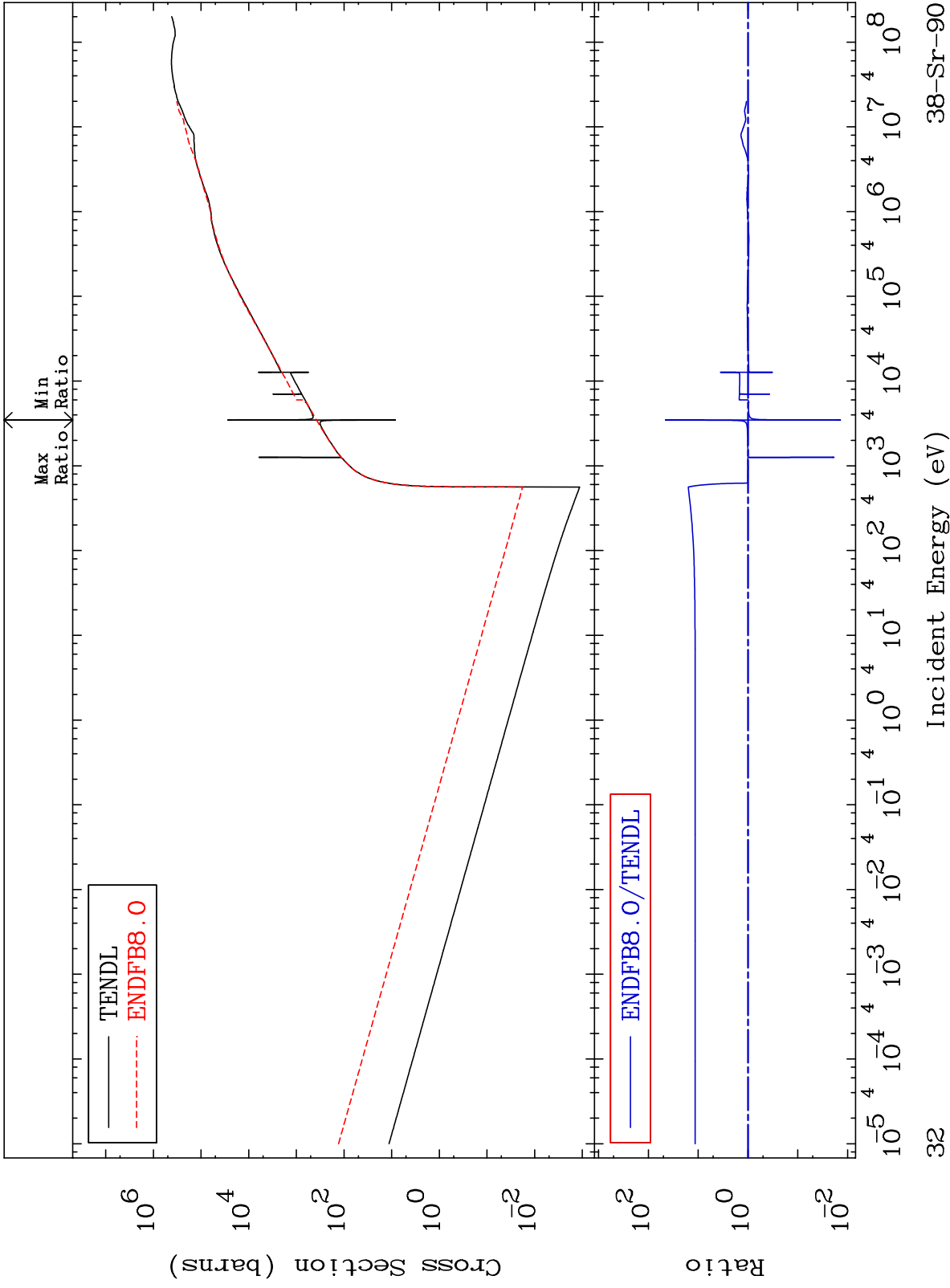
38-Sr-90
-98.62 To 4263. %



MAT 3843

Dpa total (eV-barns)
Cross Section

38-Sr-90
-98.62 To 4446. %



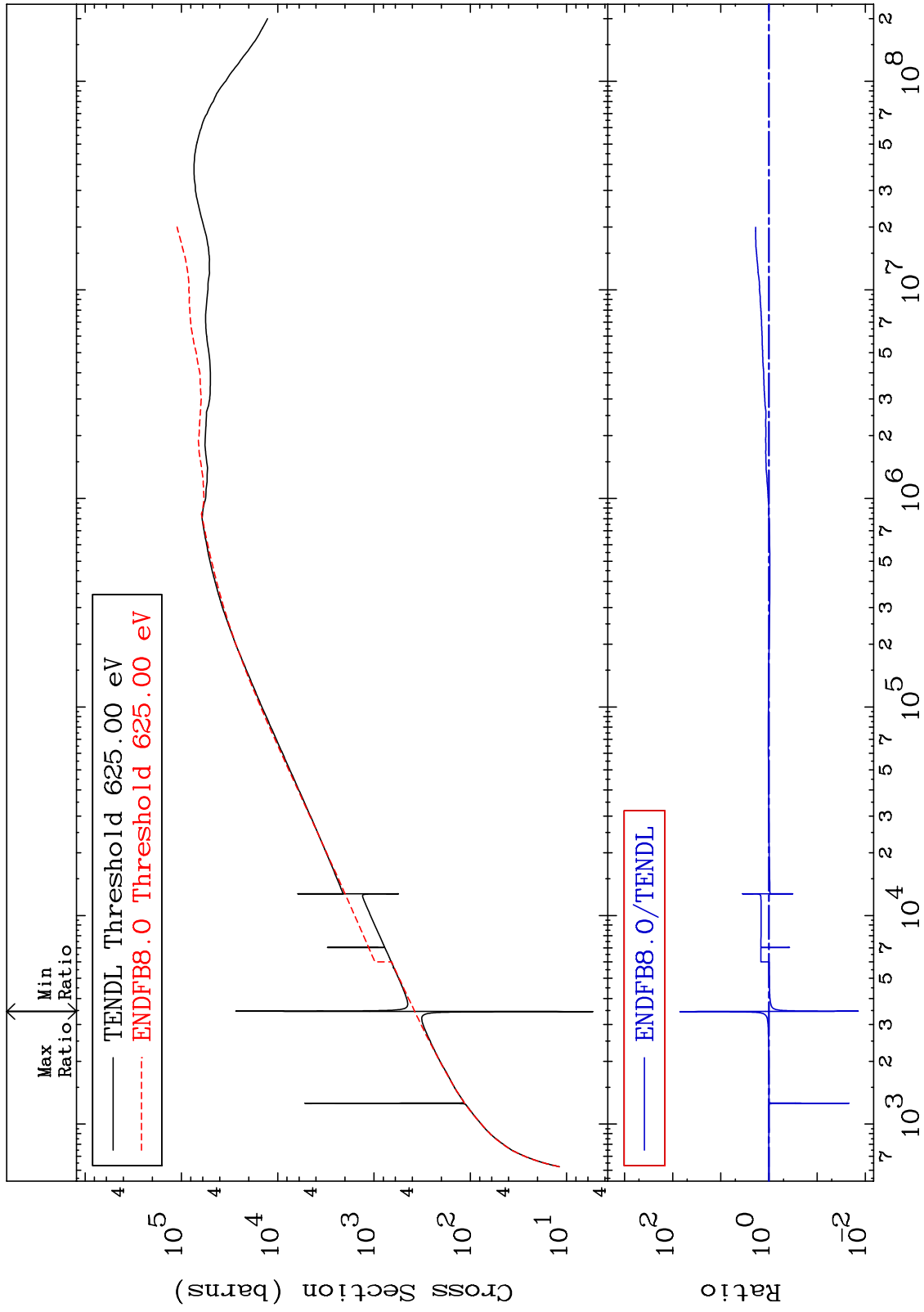
38

38-Sr-90

MAT 3843

Dpa elastic (mt2)
Cross Section

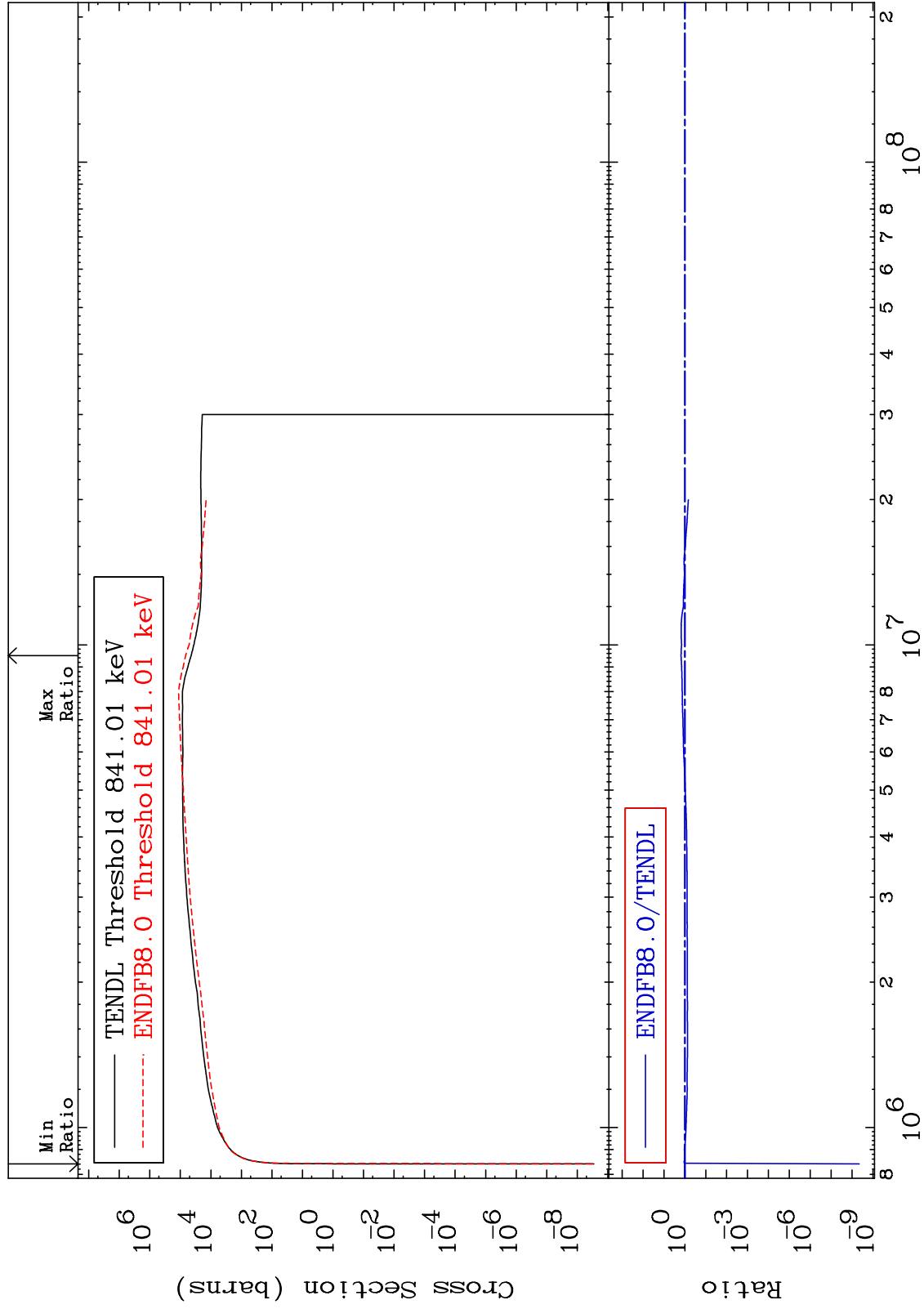
38-Sr-90
-98.61 To 6933. %



MAT 3843

Dpa inelastic (mt51-91)
Cross Section

38-Sr-90
-100.0 To 51.56 %



34

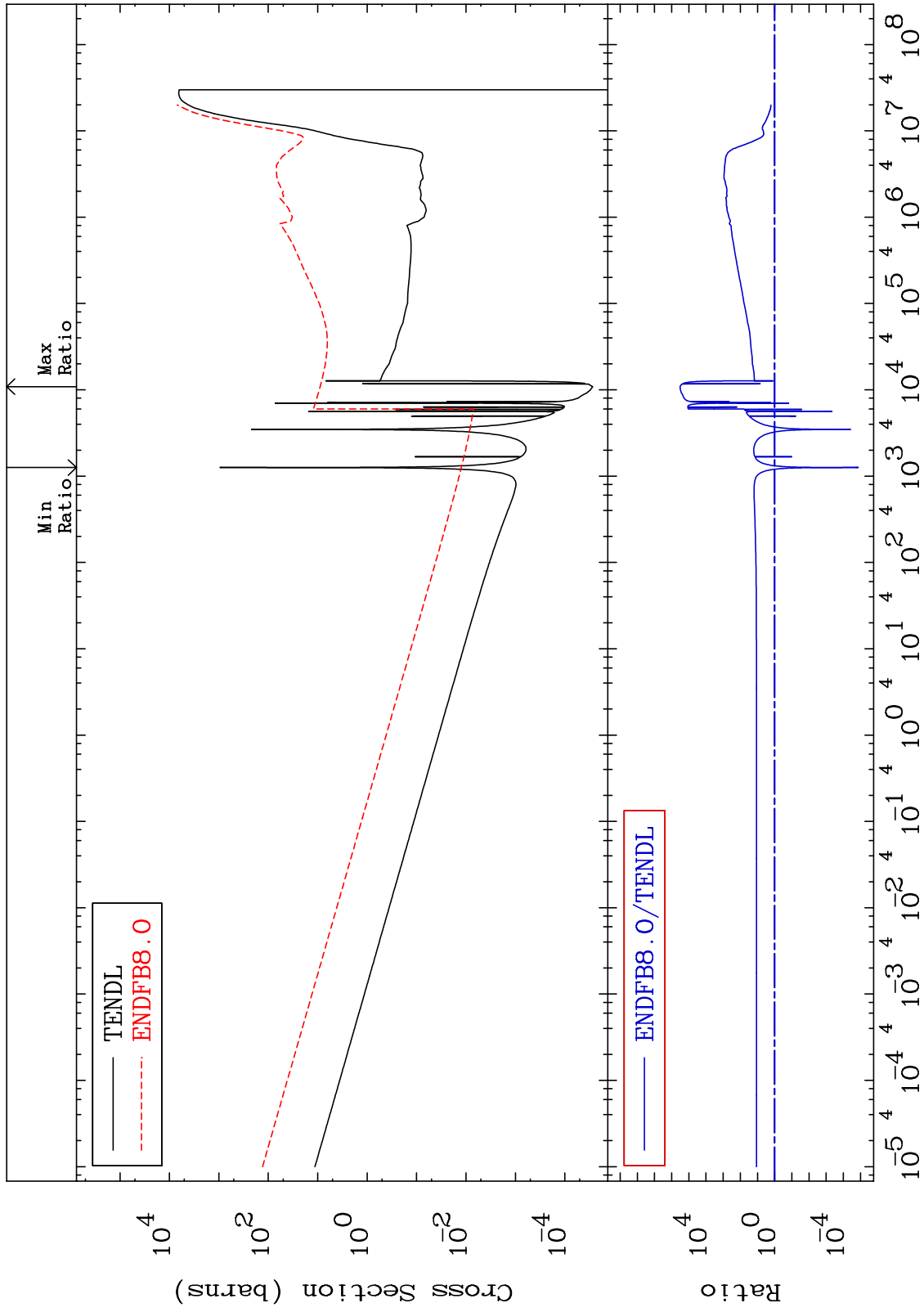
Incident Energy (eV)

38-Sr-90

MAT 3843

Dpa disappearance (mt102 -120)
Cross Section

38-Sr-90
-100.0 To 9999. %



— TENDL
- - - ENDFB8.0

— ENDFB8.0/TENDL

Min Ratio

Max Ratio