

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

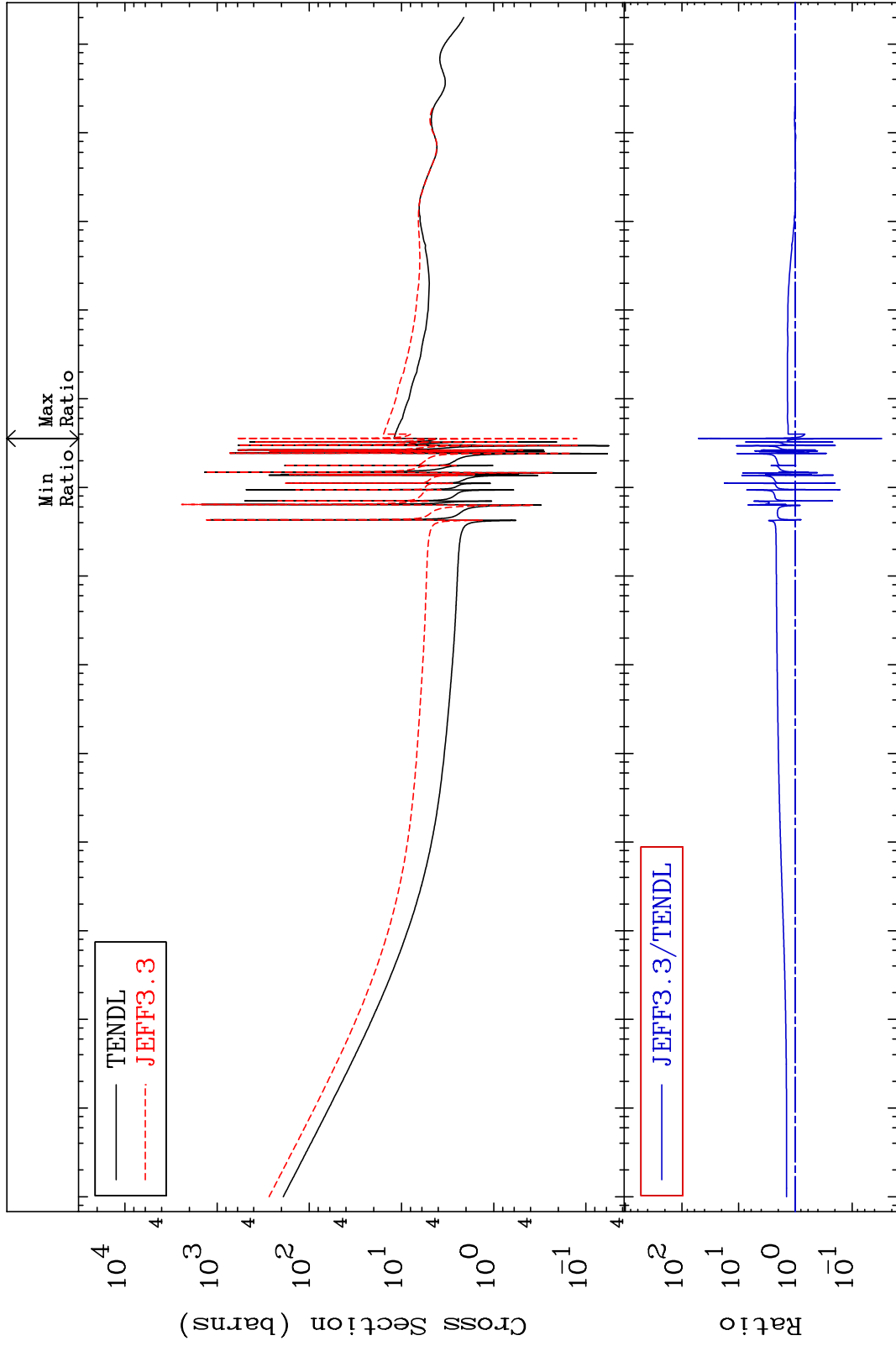
MAT 5443

Total

54-Xe-130

Cross Section

-96.98 To 5031. %



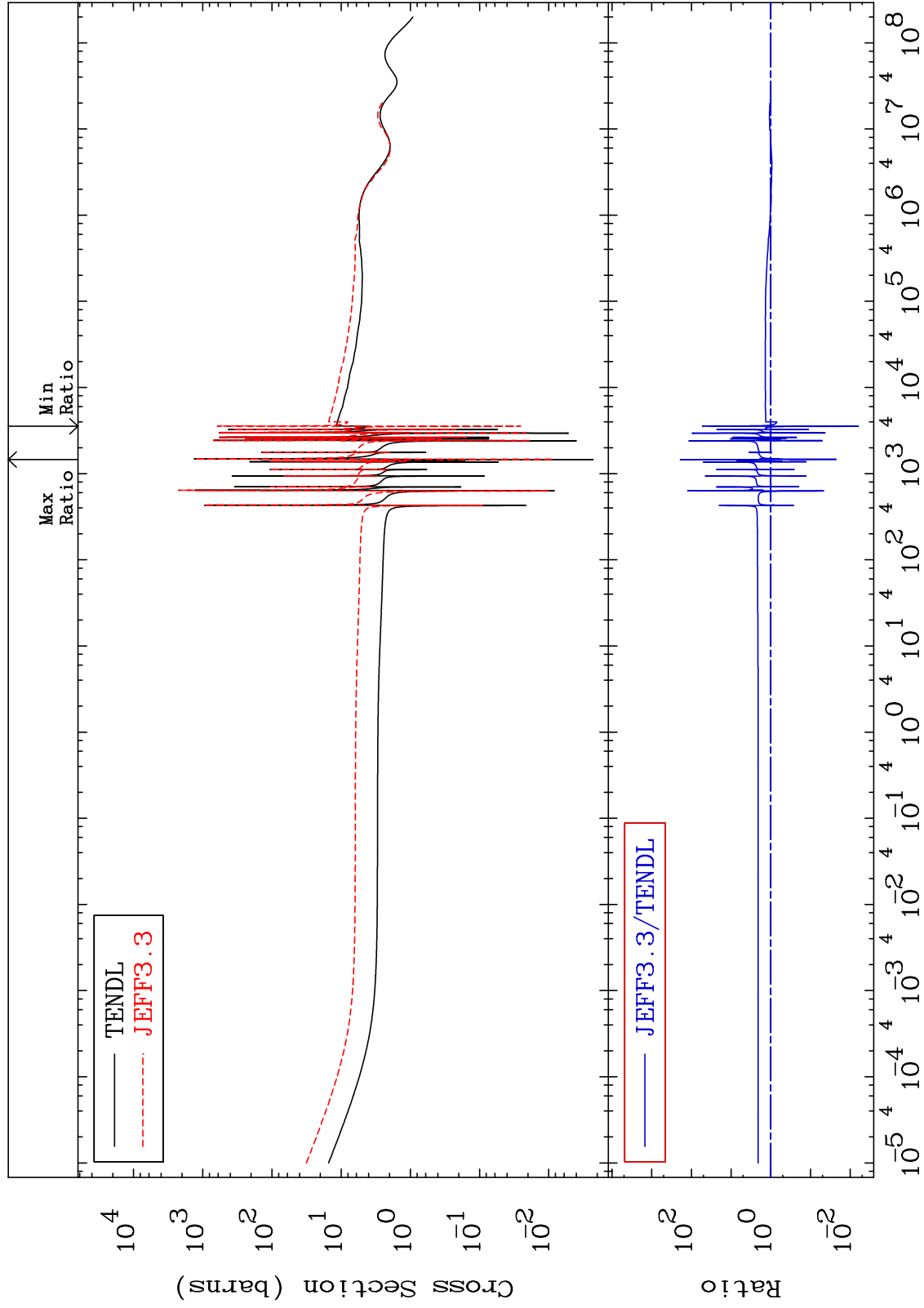
Incident Energy (eV)

54-Xe-130

MAT 5443

Elastic
Cross Section

54-Xe-130
-99.38 To 9999. %

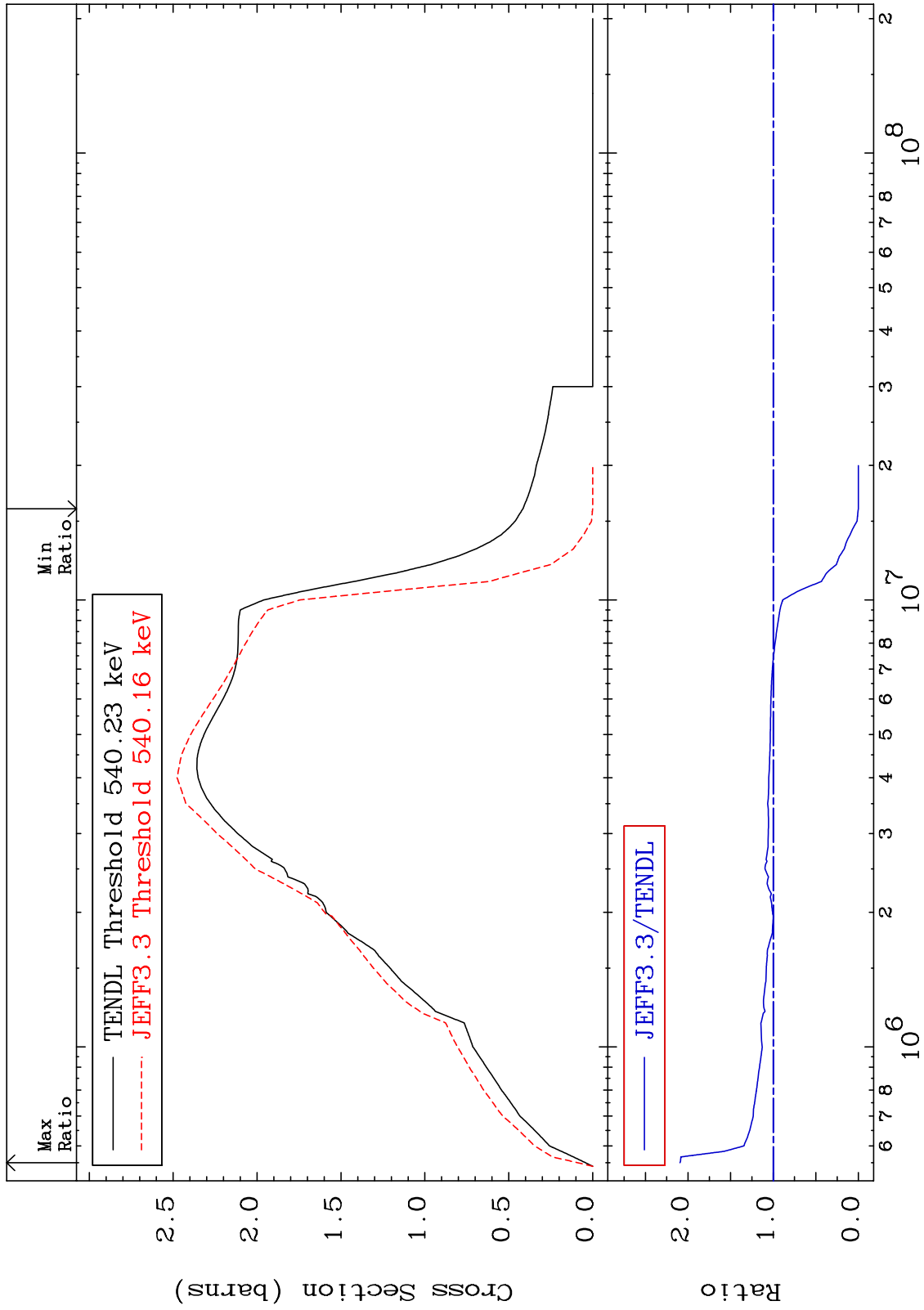


2

Incident Energy (eV)

54-Xe-130

MAT 5443 Inelastic Cross Section 54-Xe-130 -100.0 To 109.4 %



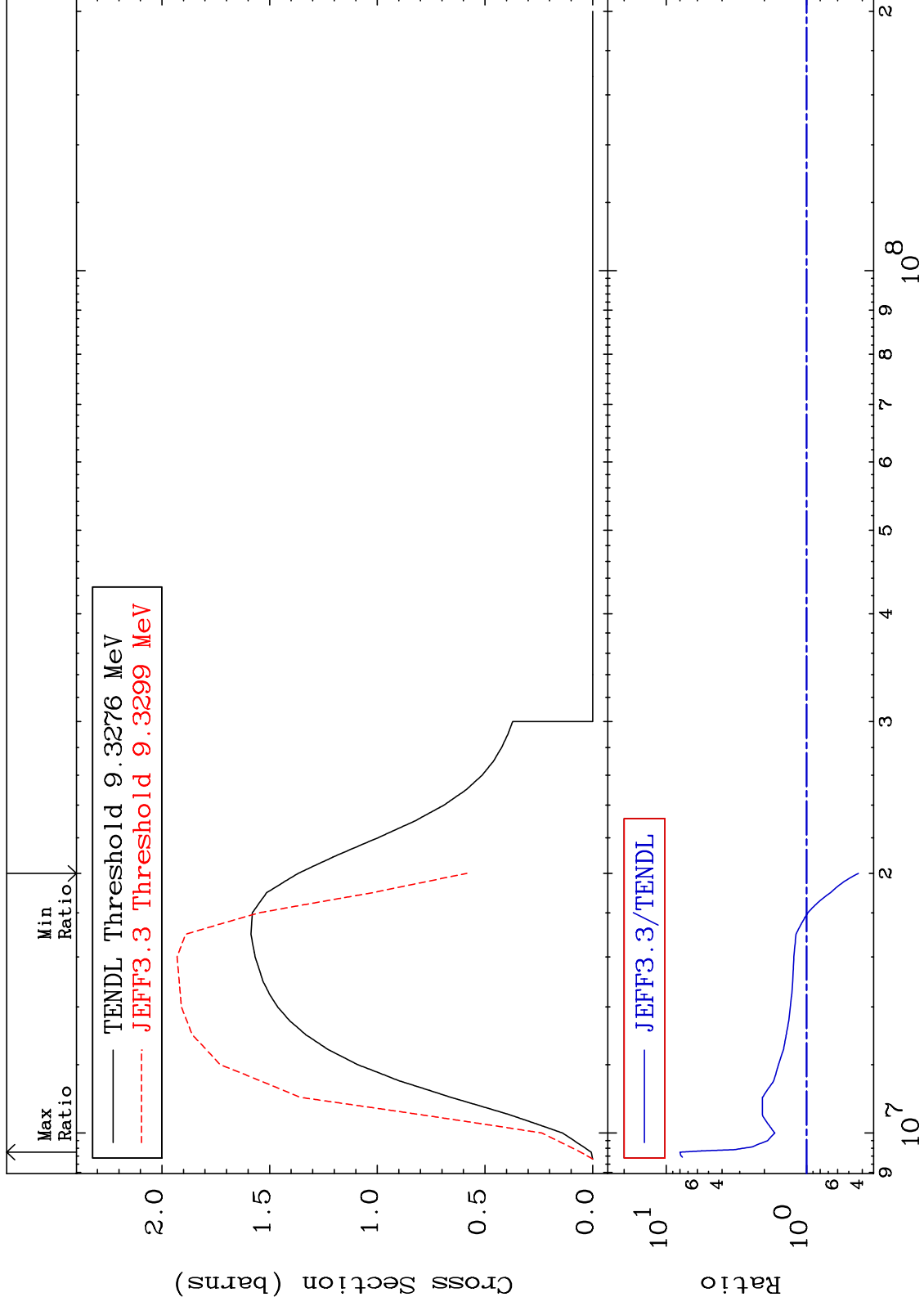
MAT 5443

(n,2n)

54-Xe-130

Cross Section

-57.30 To 698.2 %



54-Xe-130

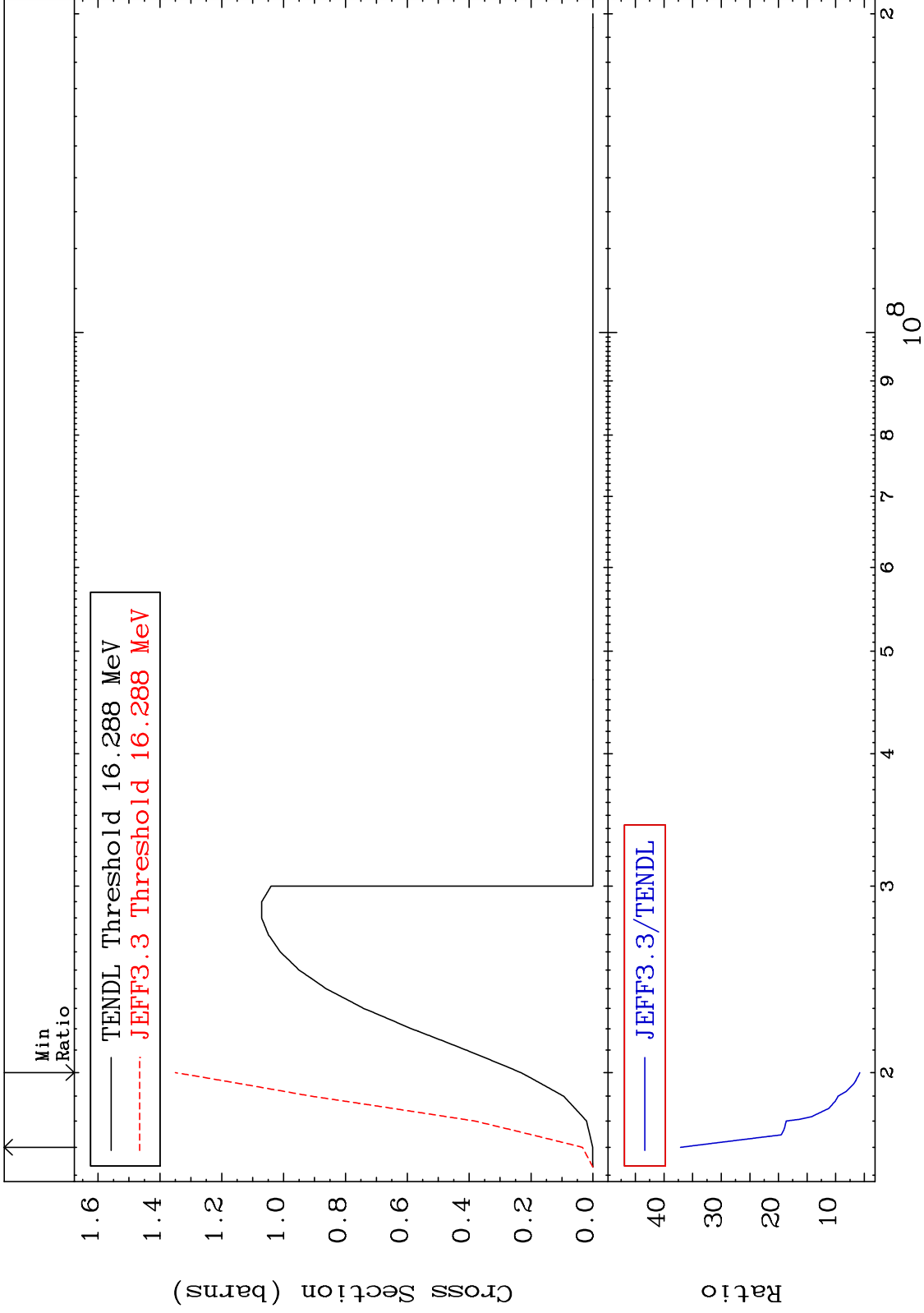
Incident Energy (eV)

4

MAT 5443

(n,3n)
Cross Section

54-Xe-130
479.5 To 3611. %

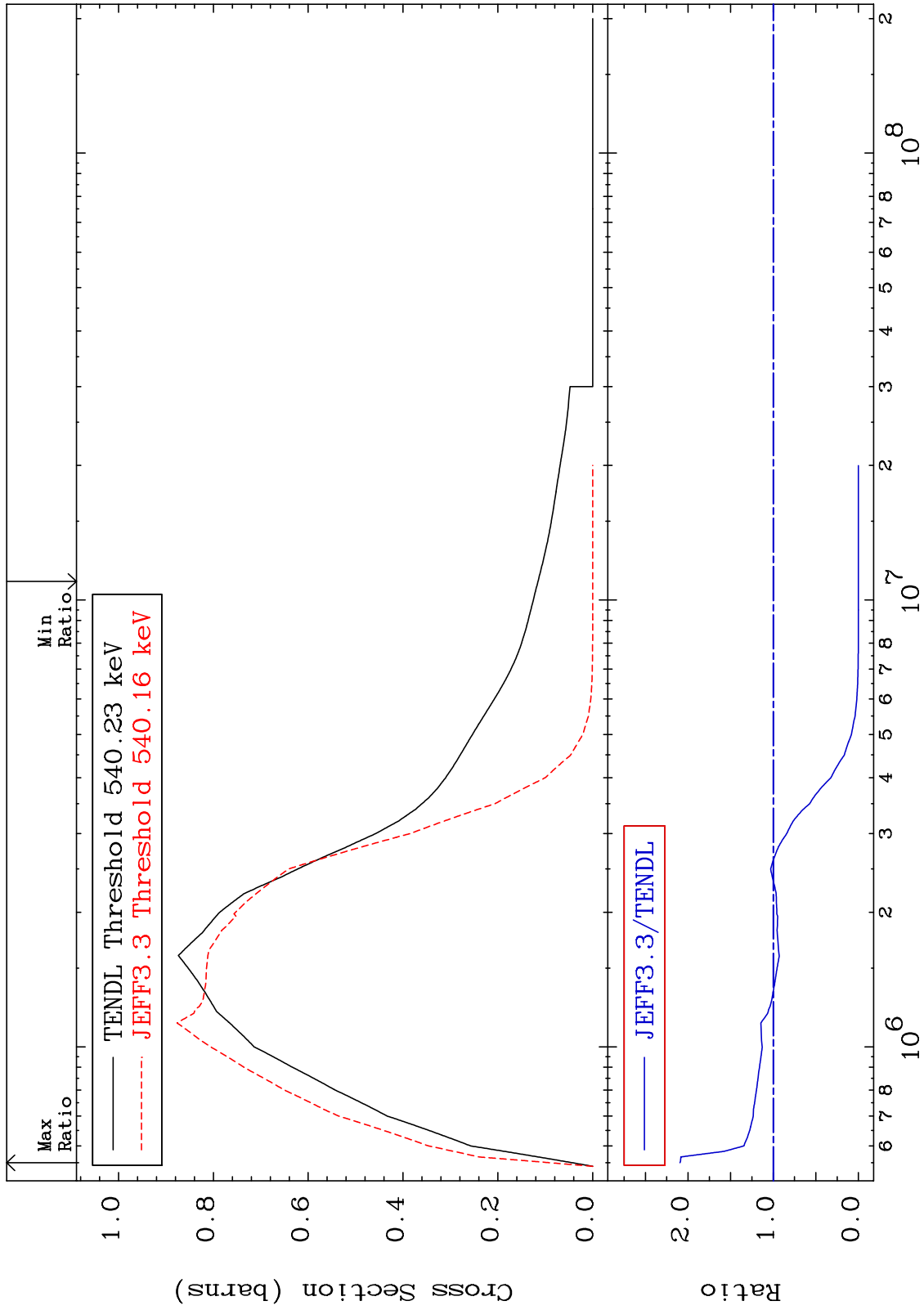


5

Incident Energy (eV)

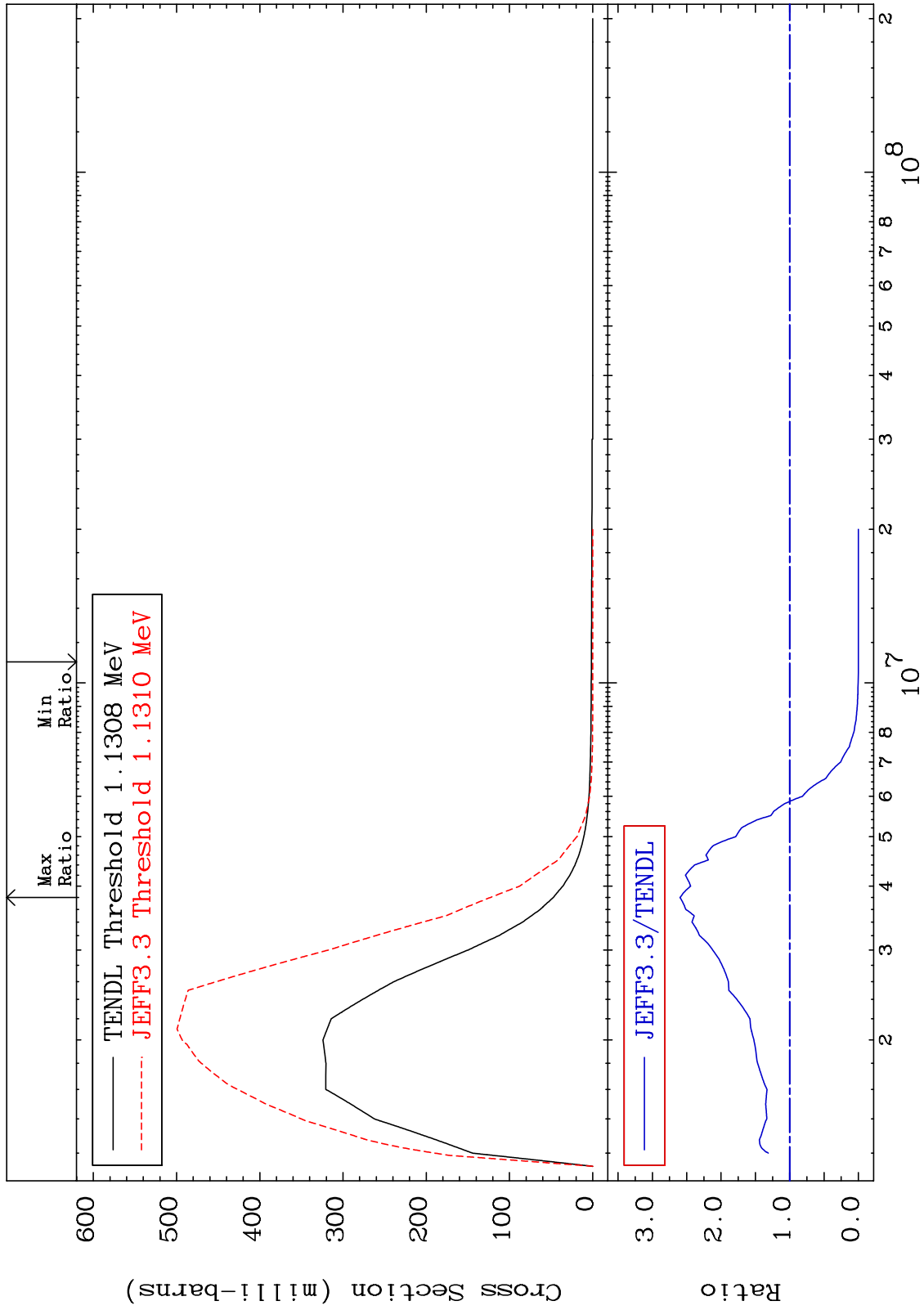
54-Xe-130

MAT 5443 MT= 51 (n,n') Level Cross Section 54-Xe-130 -100.0 To 109.4 %

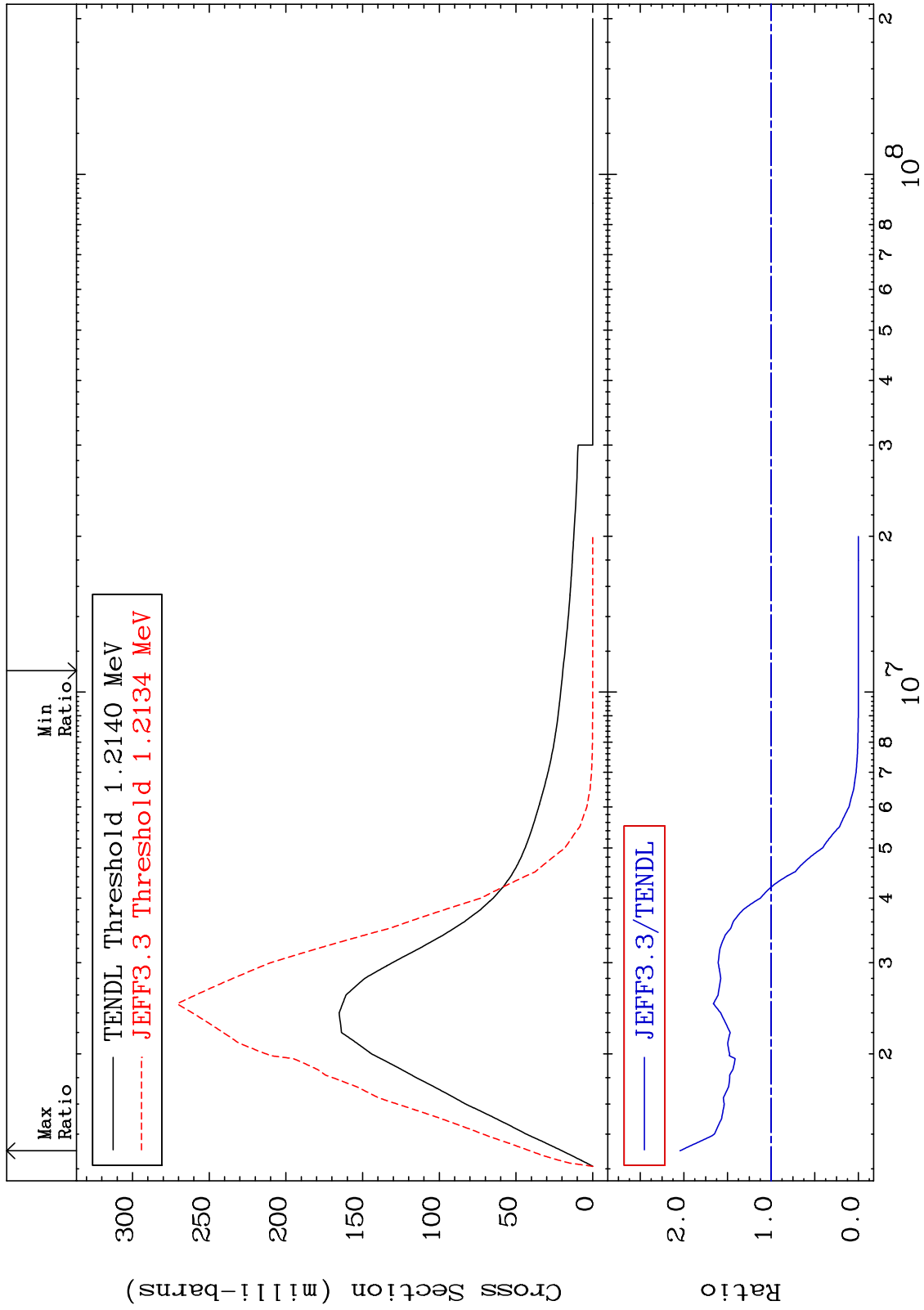


6 Incident Energy (eV) 54-Xe-130

MAT 5443 MT= 52 (n,n') Level Cross Section -100.0 To 159.8 % 54-Xe-130



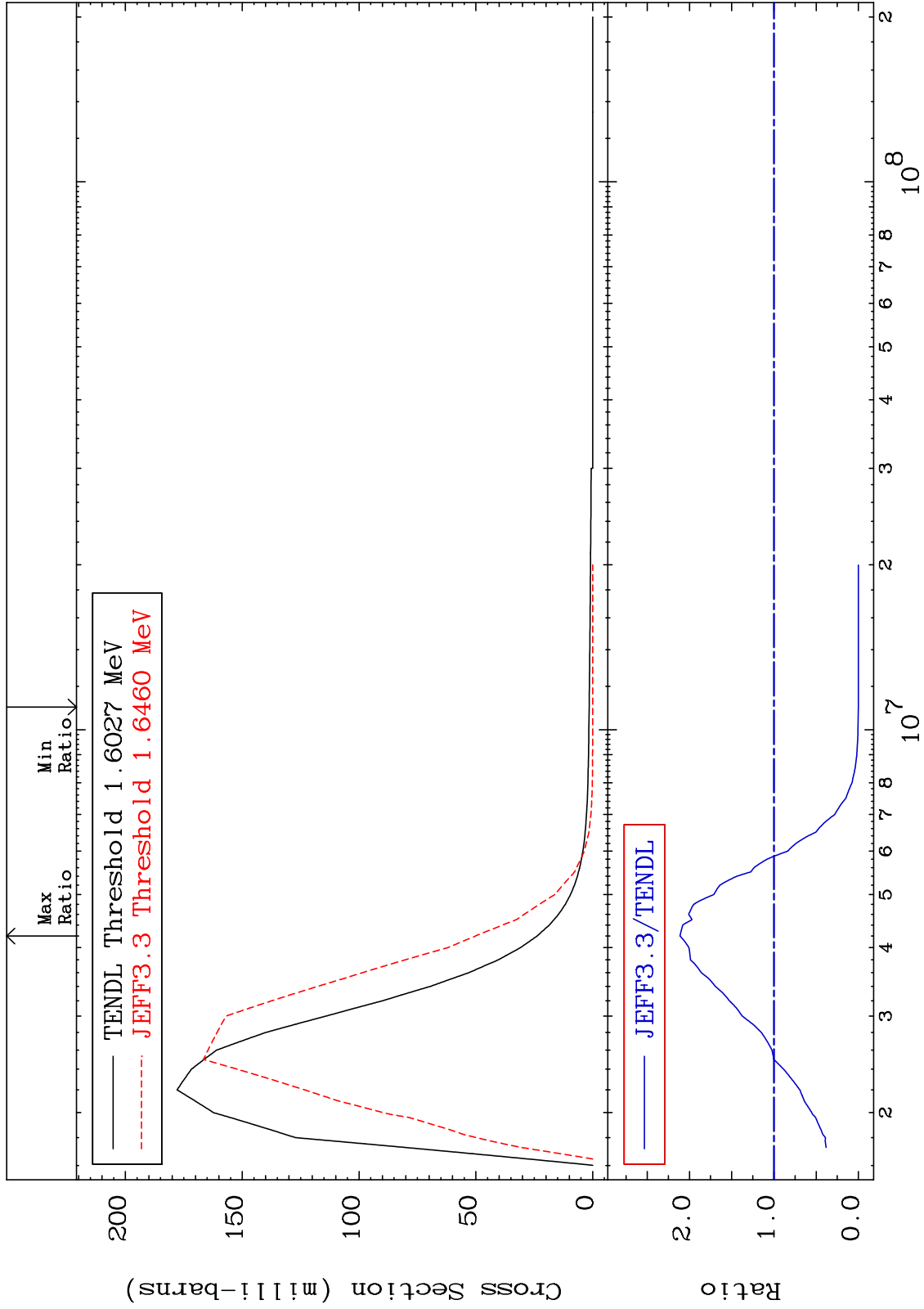
MAT 5443 MT= 53 (n,n') Level Cross Section 54-Xe-130
 -100.0 To 104.5 %



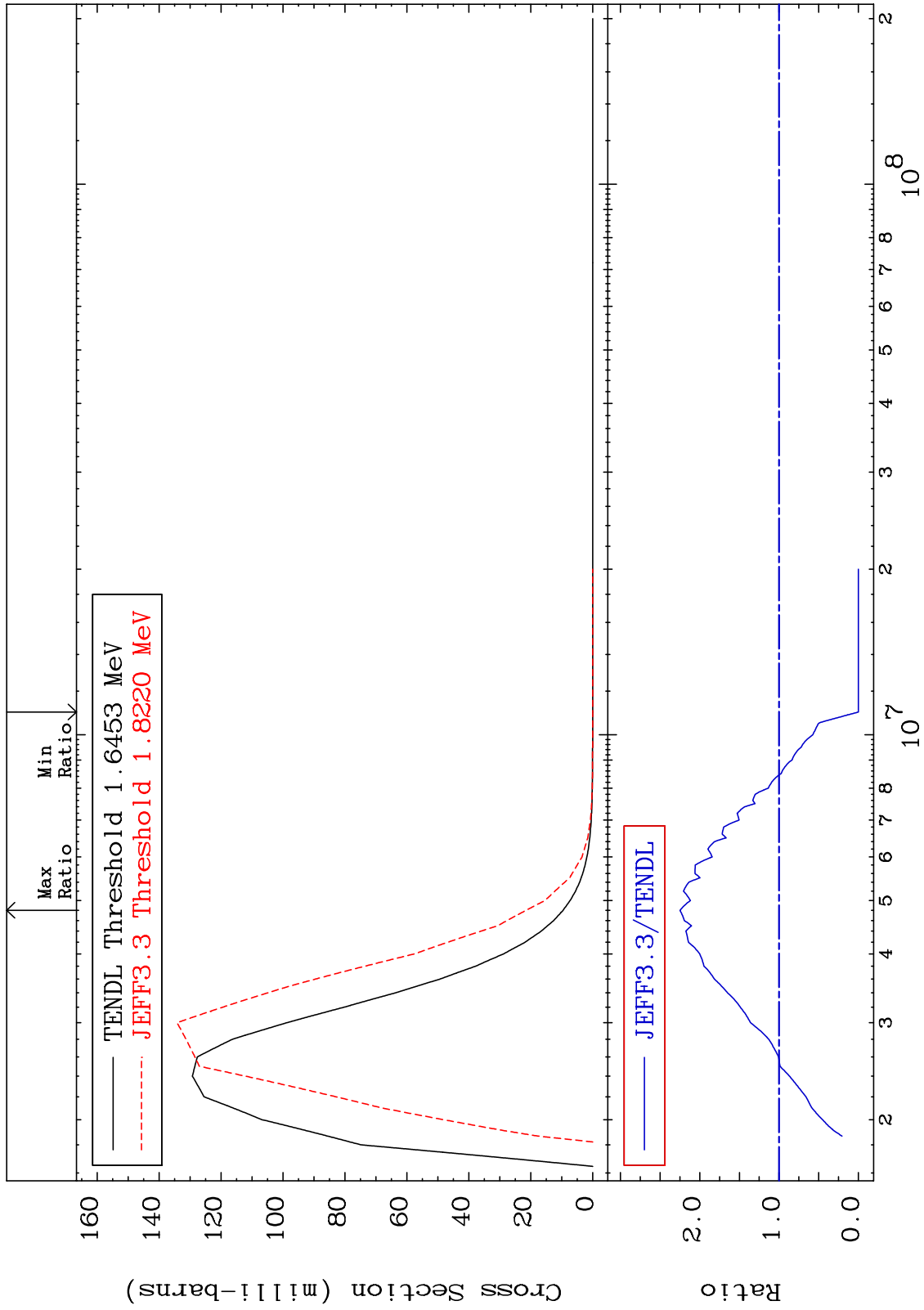
MAT 5443

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

54-Xe-130
-100.0 To 111.2 %



MAT 5443 MT= 55 (n,n') Level Cross Section 54-Xe-130
 -100.0 To 124.8 %

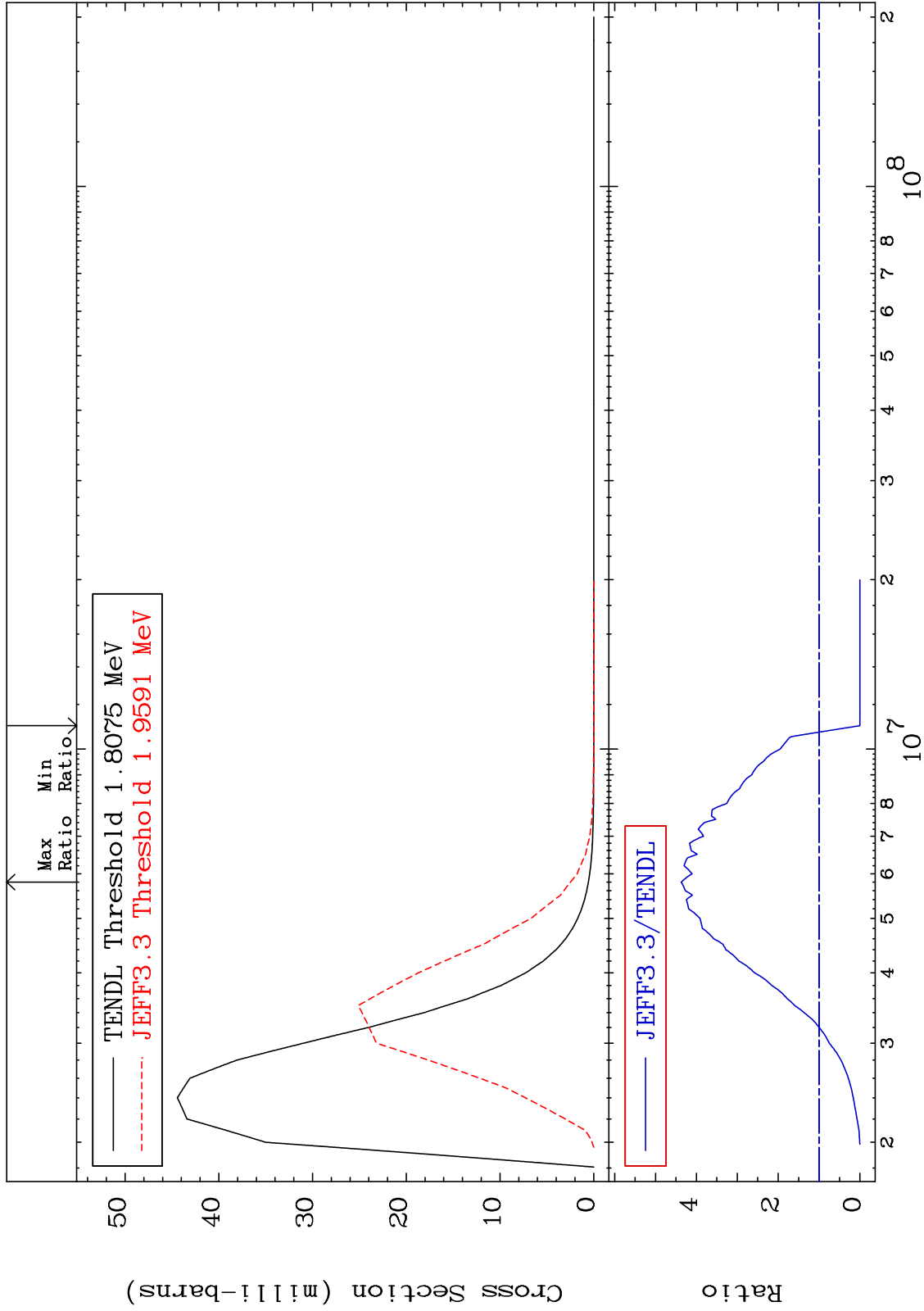


10 Incident Energy (eV) 54-Xe-130

MAT 5443

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

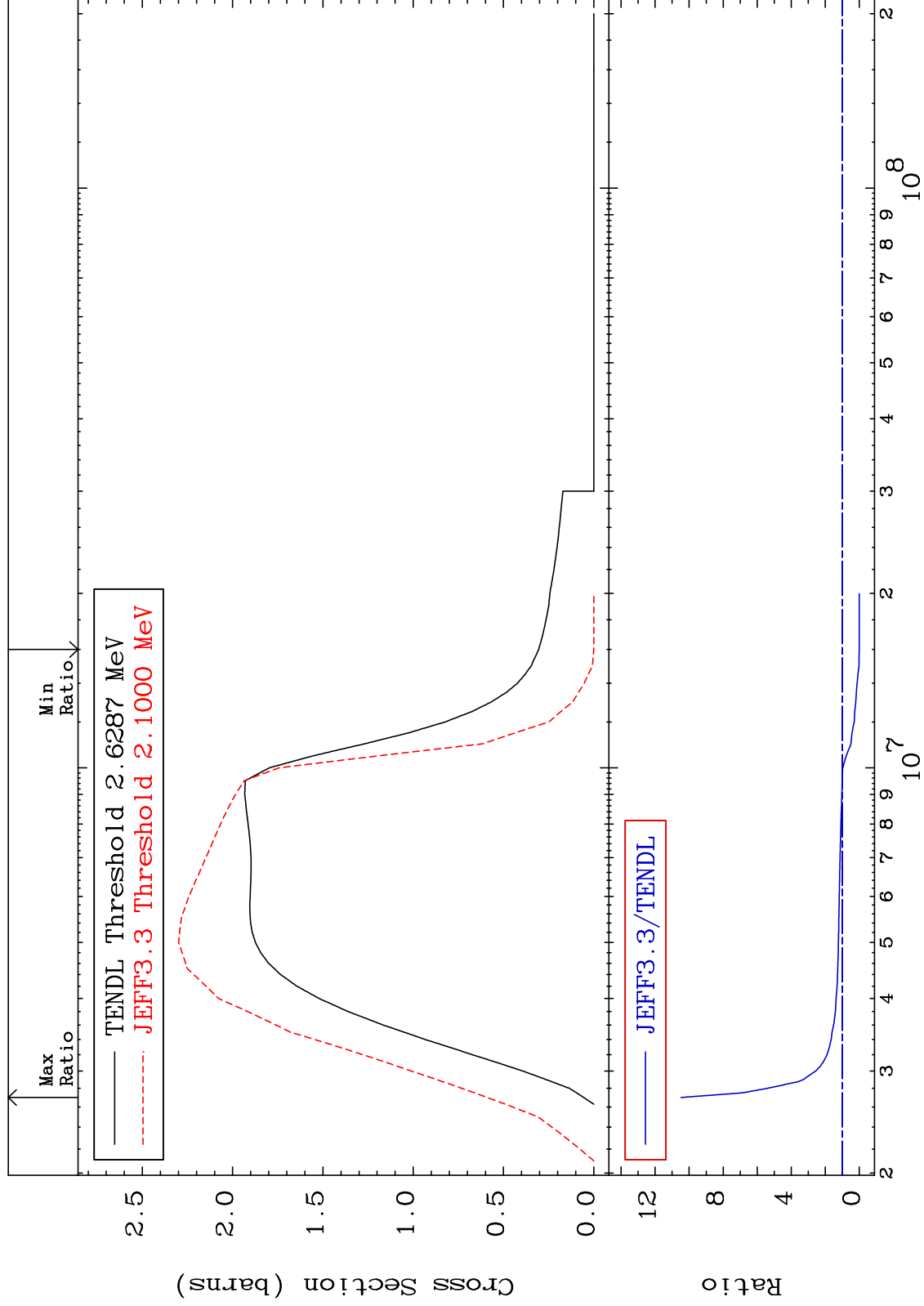
54-Xe-130
-100.0 To 337.1 %



MAT 5443

(n, n') Continuum
Cross Section

54-Xe-130
-100.0 To 947.6 %



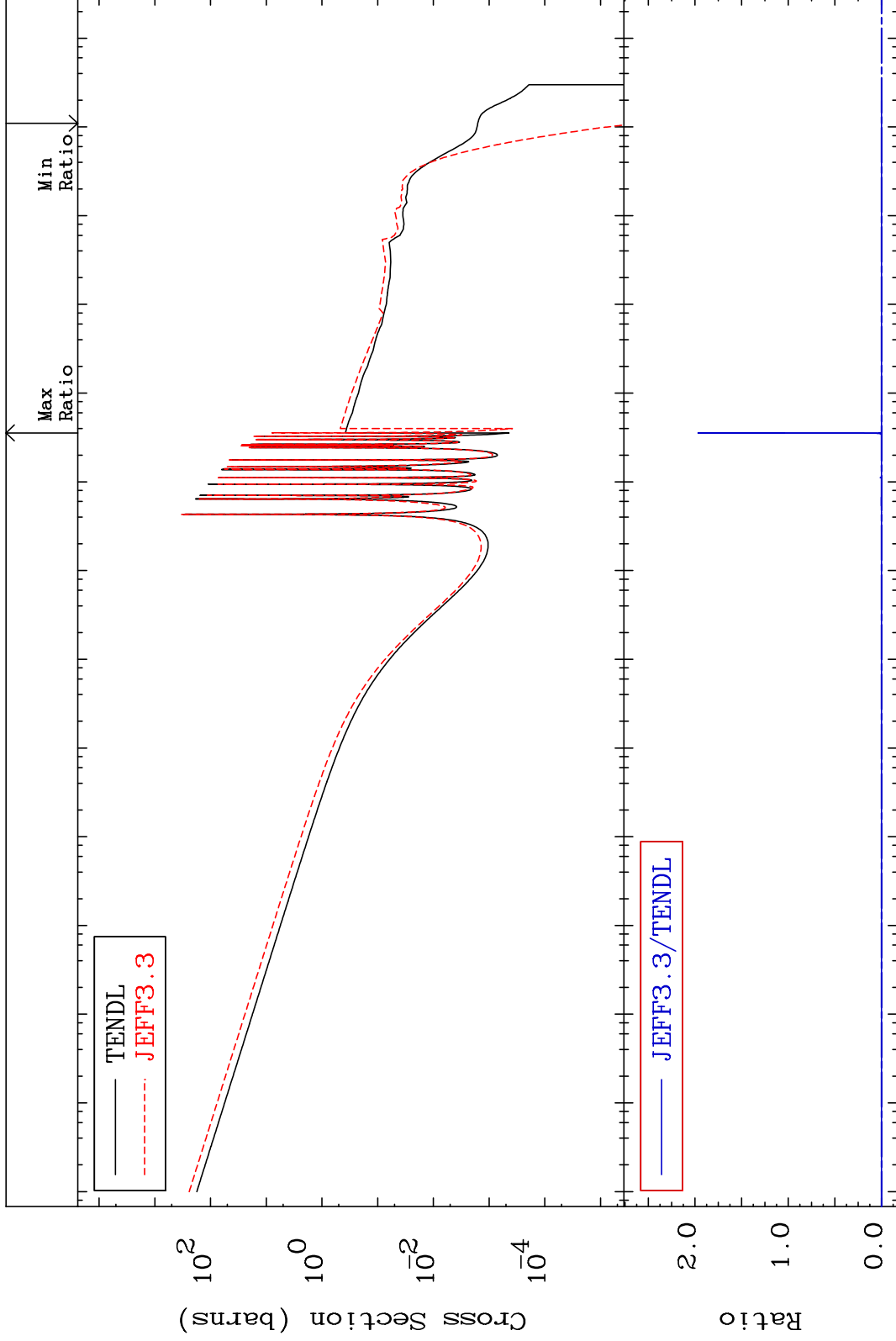
MAT 5443

(n, γ)

54-Xe-130

Cross Section

-100.0 To 9999. %

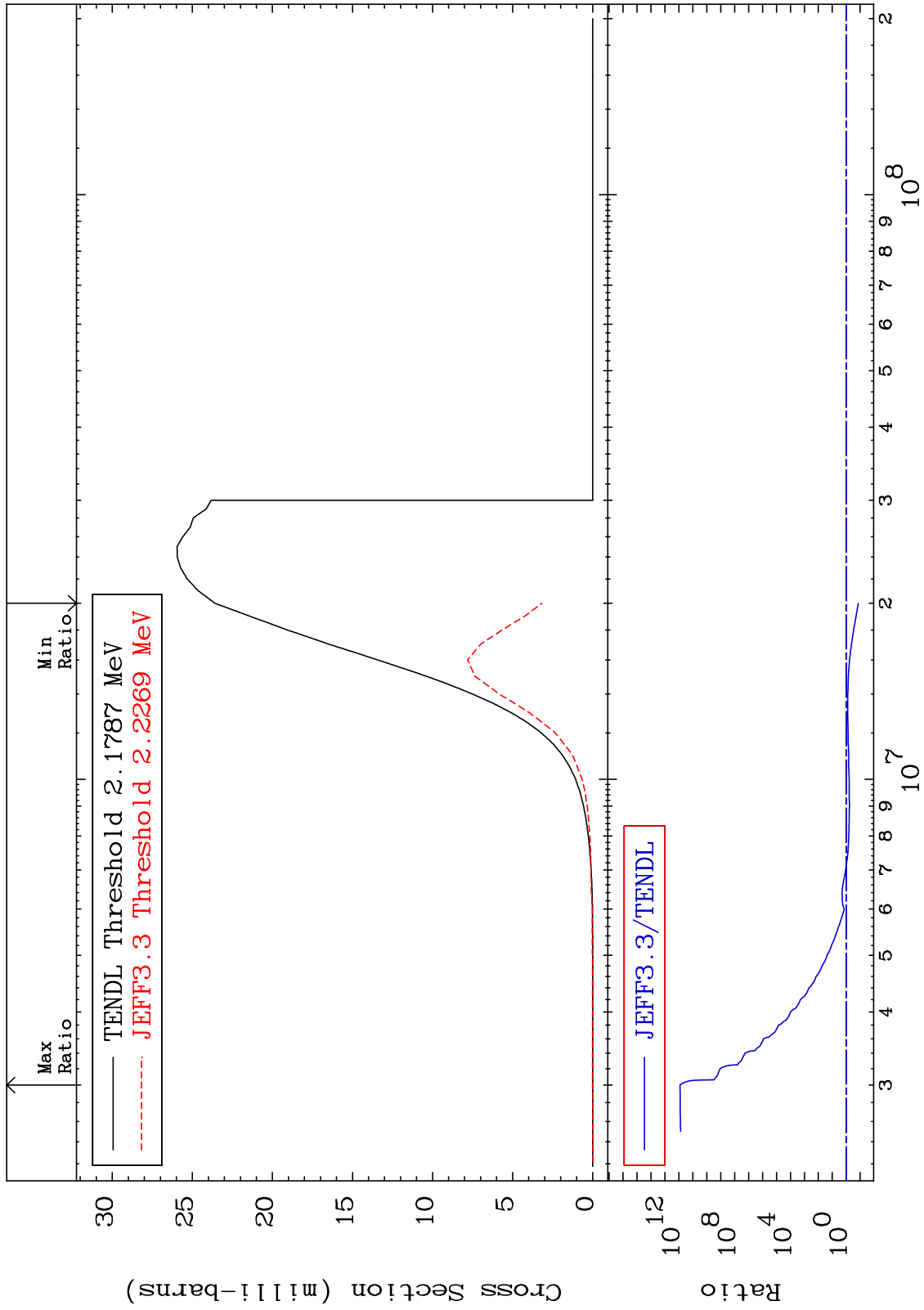


13

Incident Energy (eV)

54-Xe-130

MAT 5443 (n,p) Cross Section 54-Xe-130 -86.56 To 9999. %



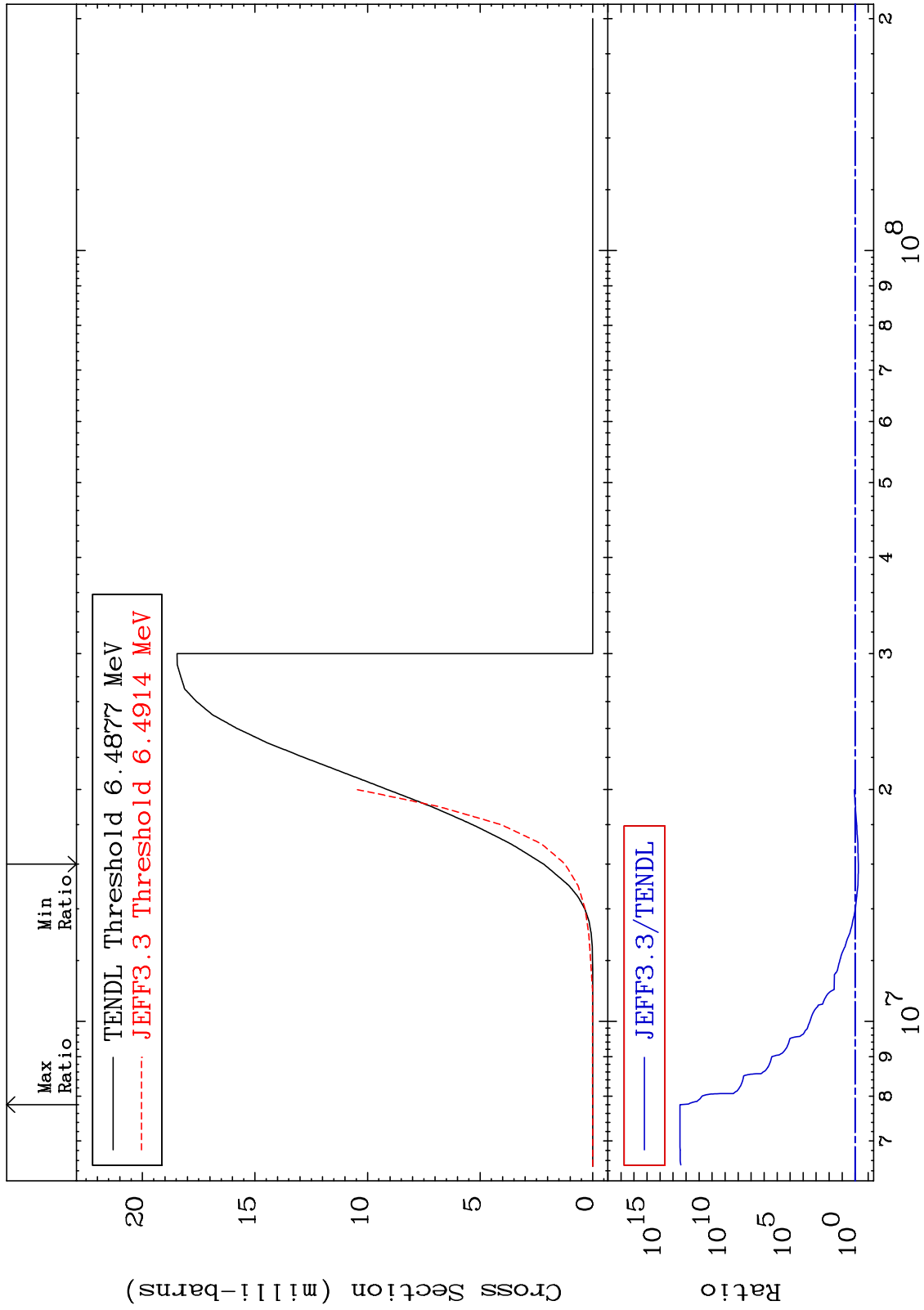
MAT 5443

(n, d)

54-Xe-130

Cross Section

-43.50 To 9999. %



15

Incident Energy (eV)

54-Xe-130

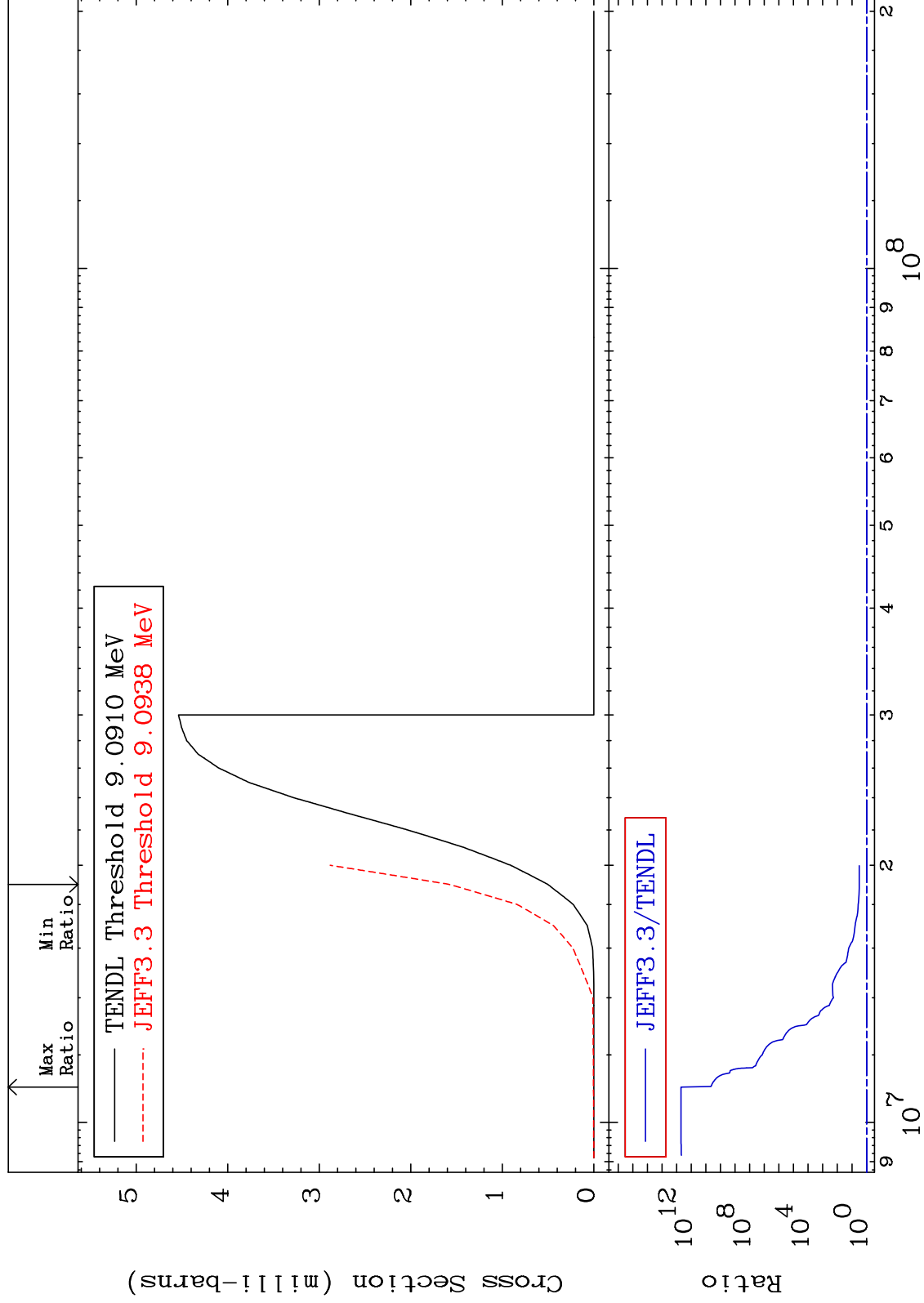
MAT 5443

(n, t)

54-Xe-130

Cross Section

214.4 To 9999. %



54-Xe-130

Incident Energy (eV)

16

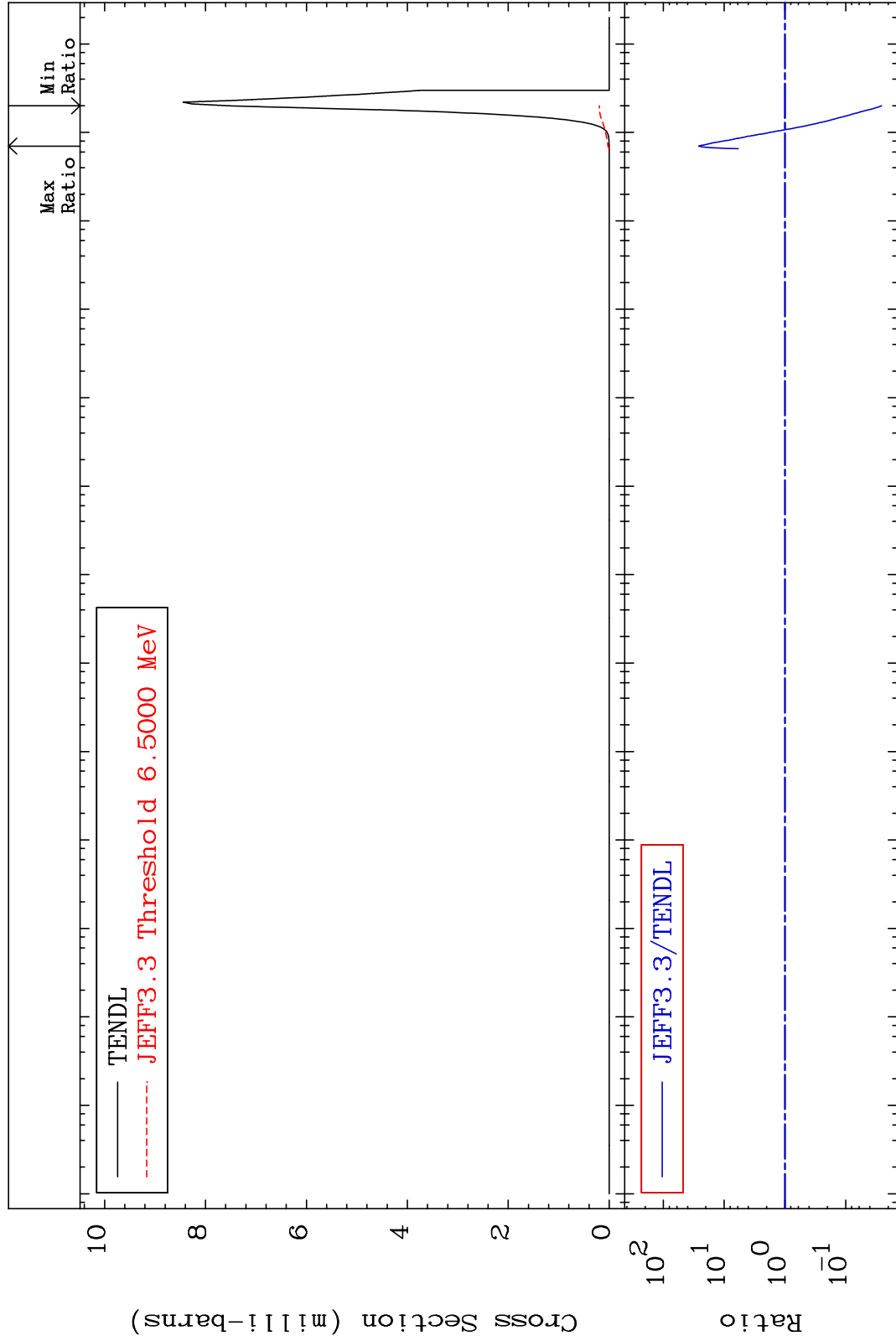
MAT 5443

(n, α)

54-Xe-130

Cross Section

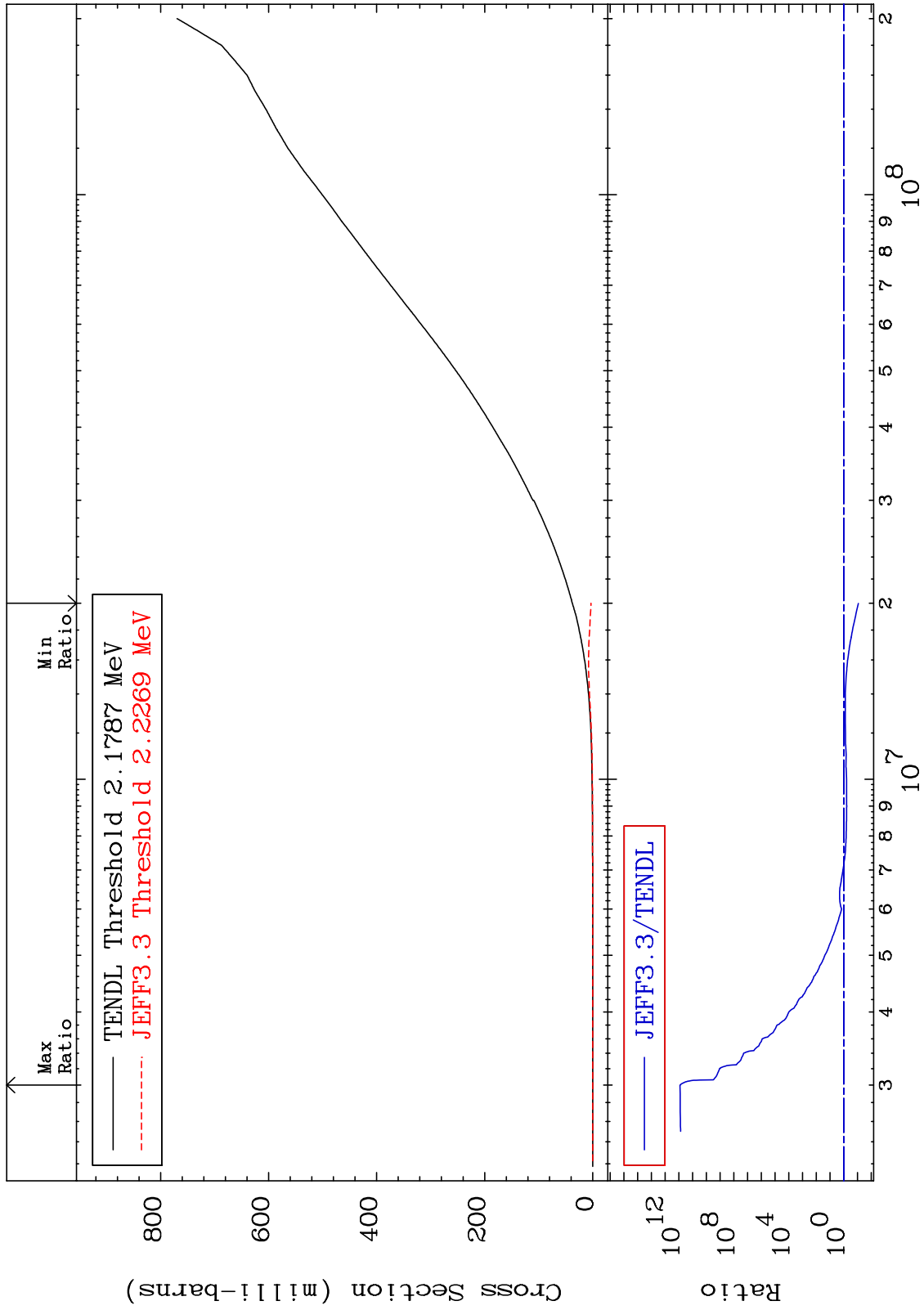
-97.43 To 2525. %



MAT 5443

Hydrogen Production
Cross Section

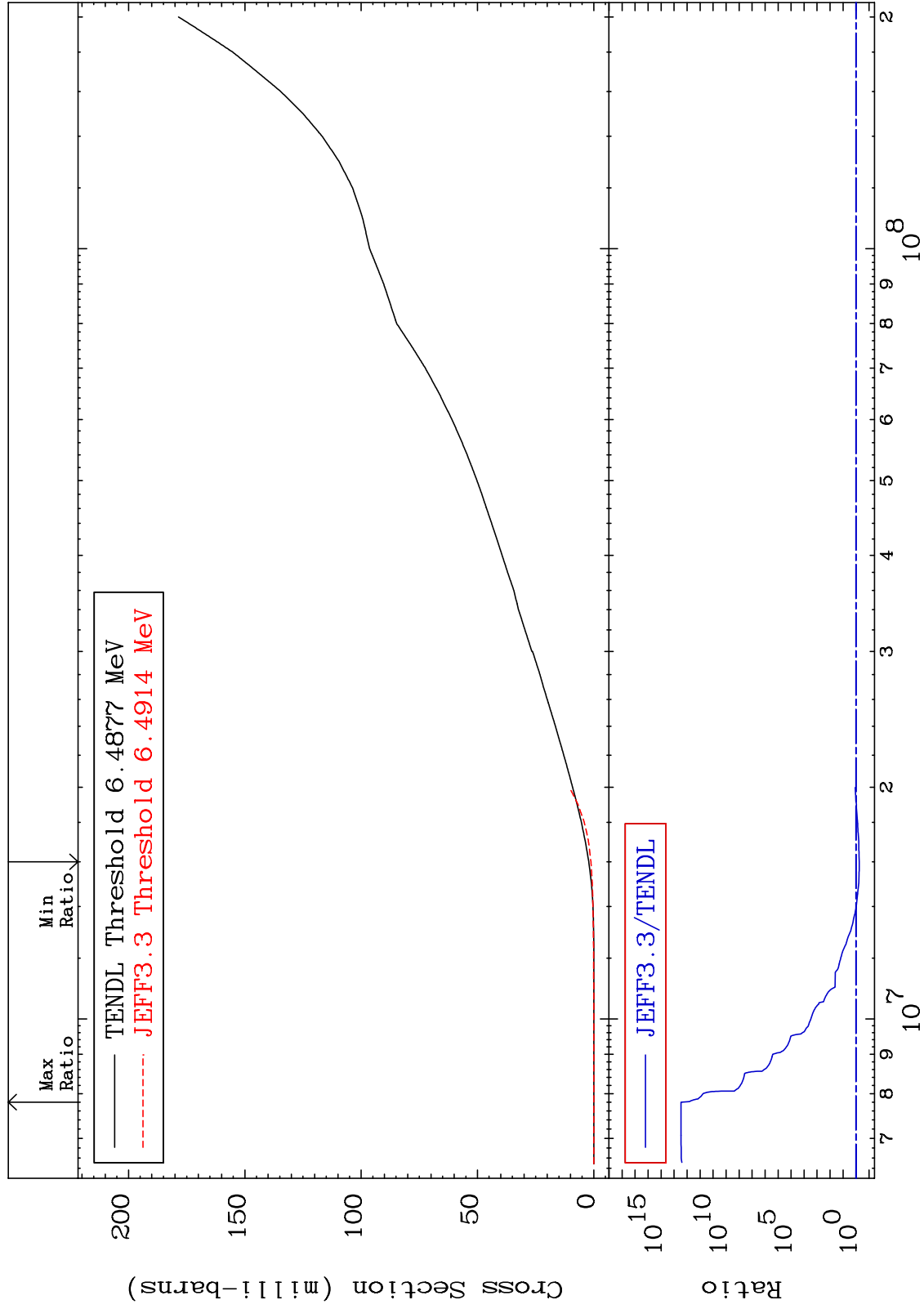
54-Xe-130
-91.58 To 9999. %



MAT 5443

Deuterium Production
Cross Section

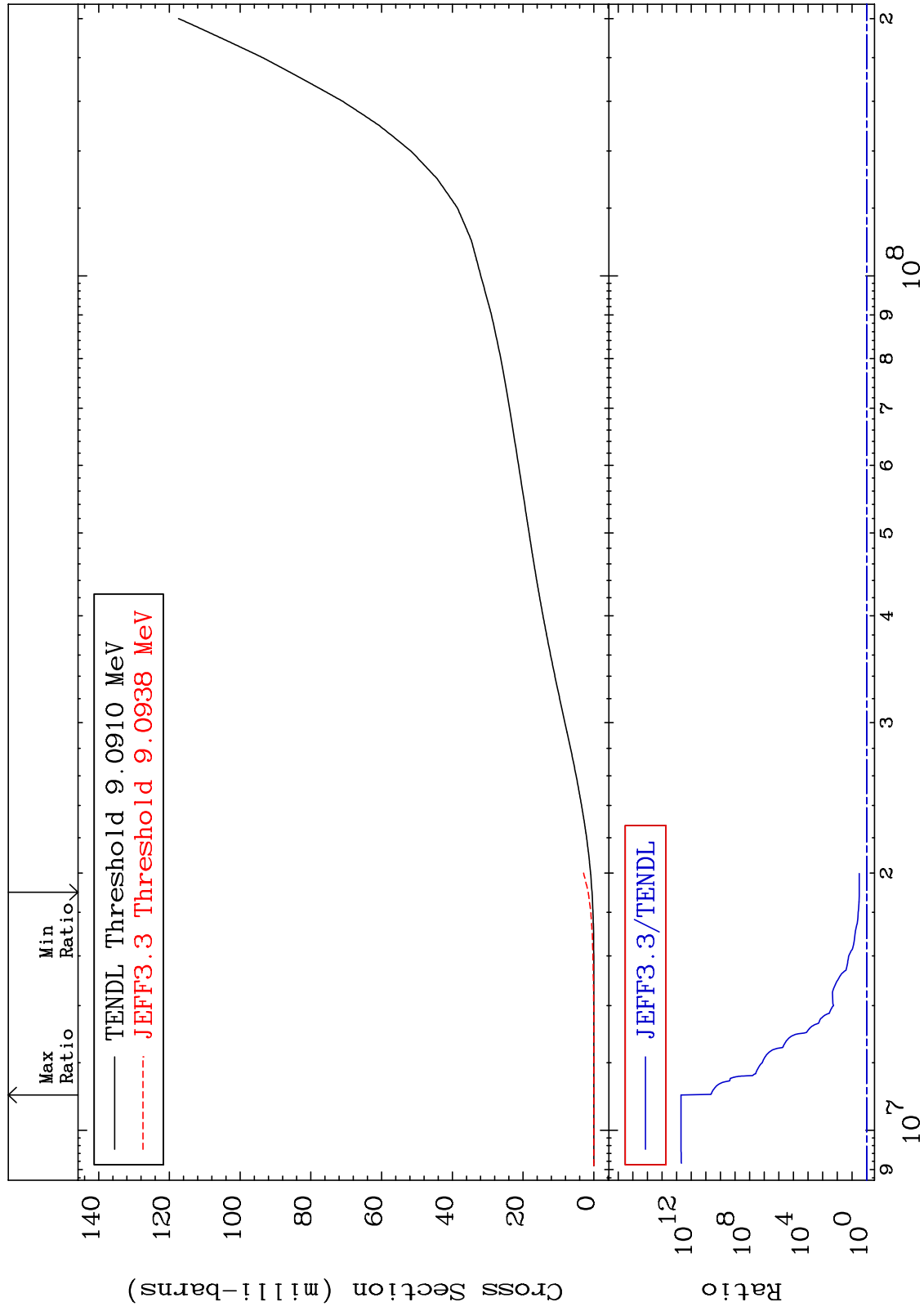
54-Xe-130
-43.50 To 9999. %



MAT 5443

Tritium Production
Cross Section

54-Xe-130
214.4 To 9999. %



54-Xe-130

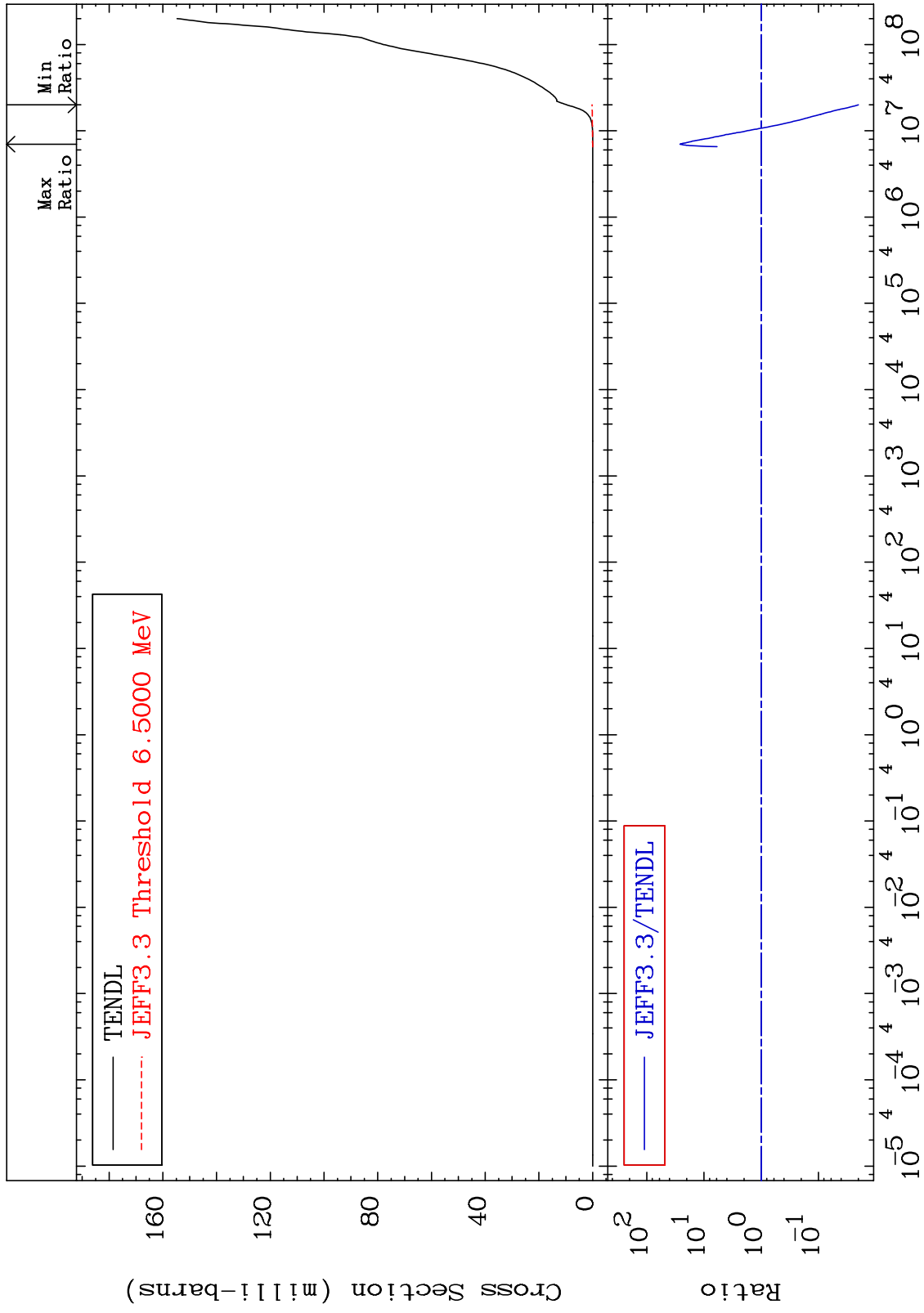
Incident Energy (eV)

20

MAT 5443

He-4 Production
Cross Section

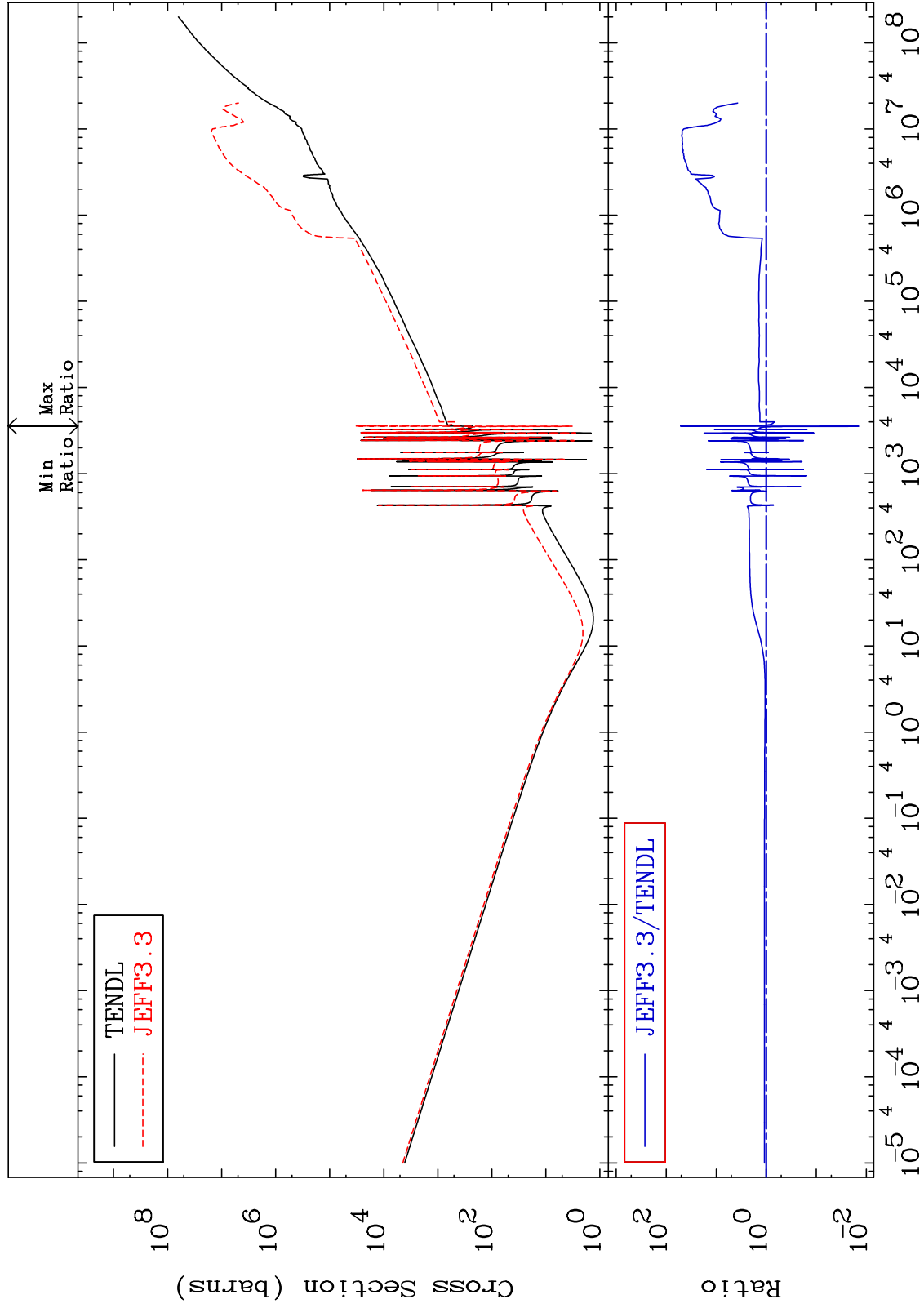
54-Xe-130
-98.00 To 2525. %



MAT 5443

Kerma total (eV-barns)
Cross Section

54-Xe-130
-98.57 To 5083. %



22

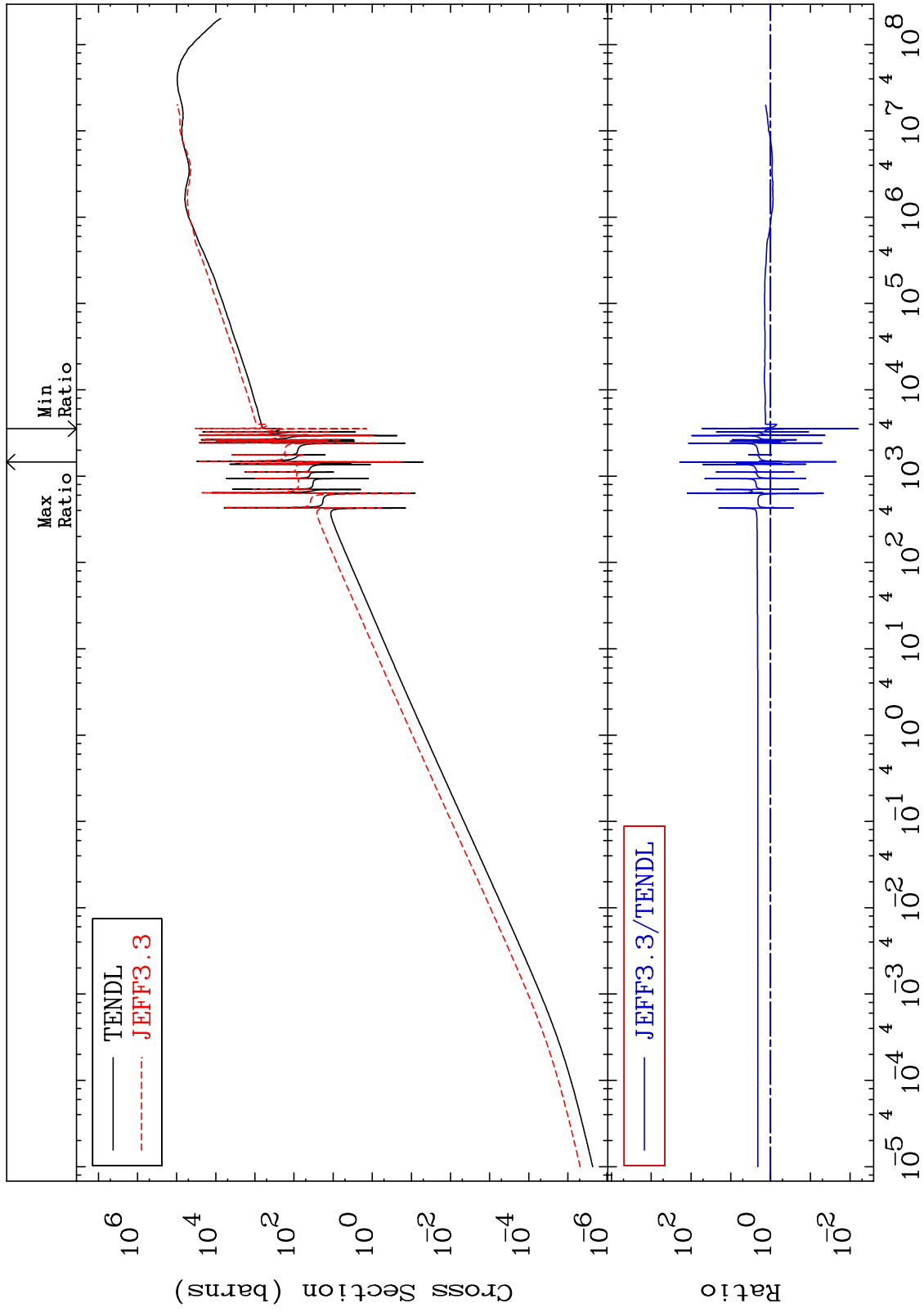
Incident Energy (eV)

54-Xe-130

MAT 5443

Kerma elastic
Cross Section

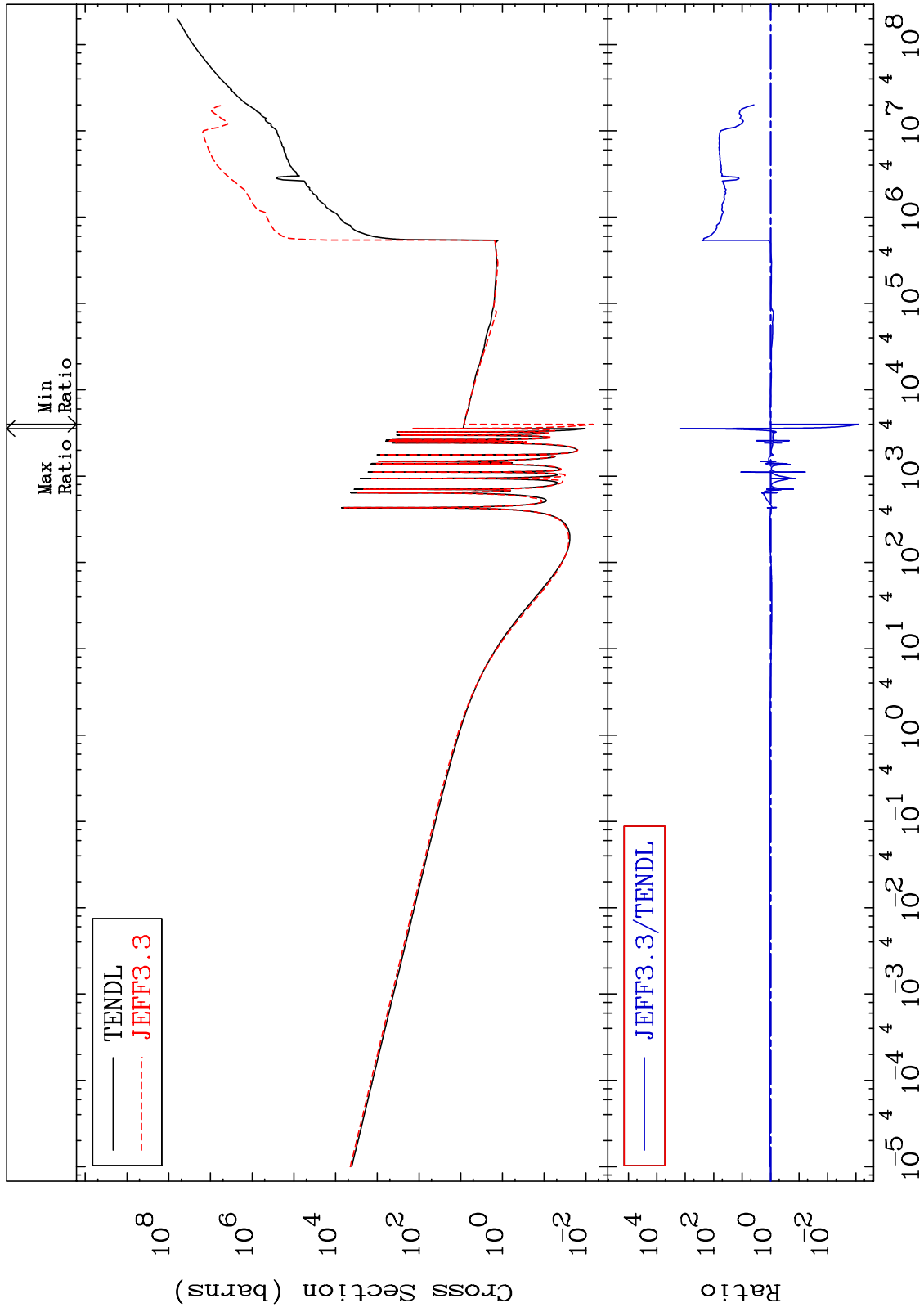
54-Xe-130
-99.38 To 9999. %



MAT 5443

Kerma non-elastic (all but mt2)
Cross Section

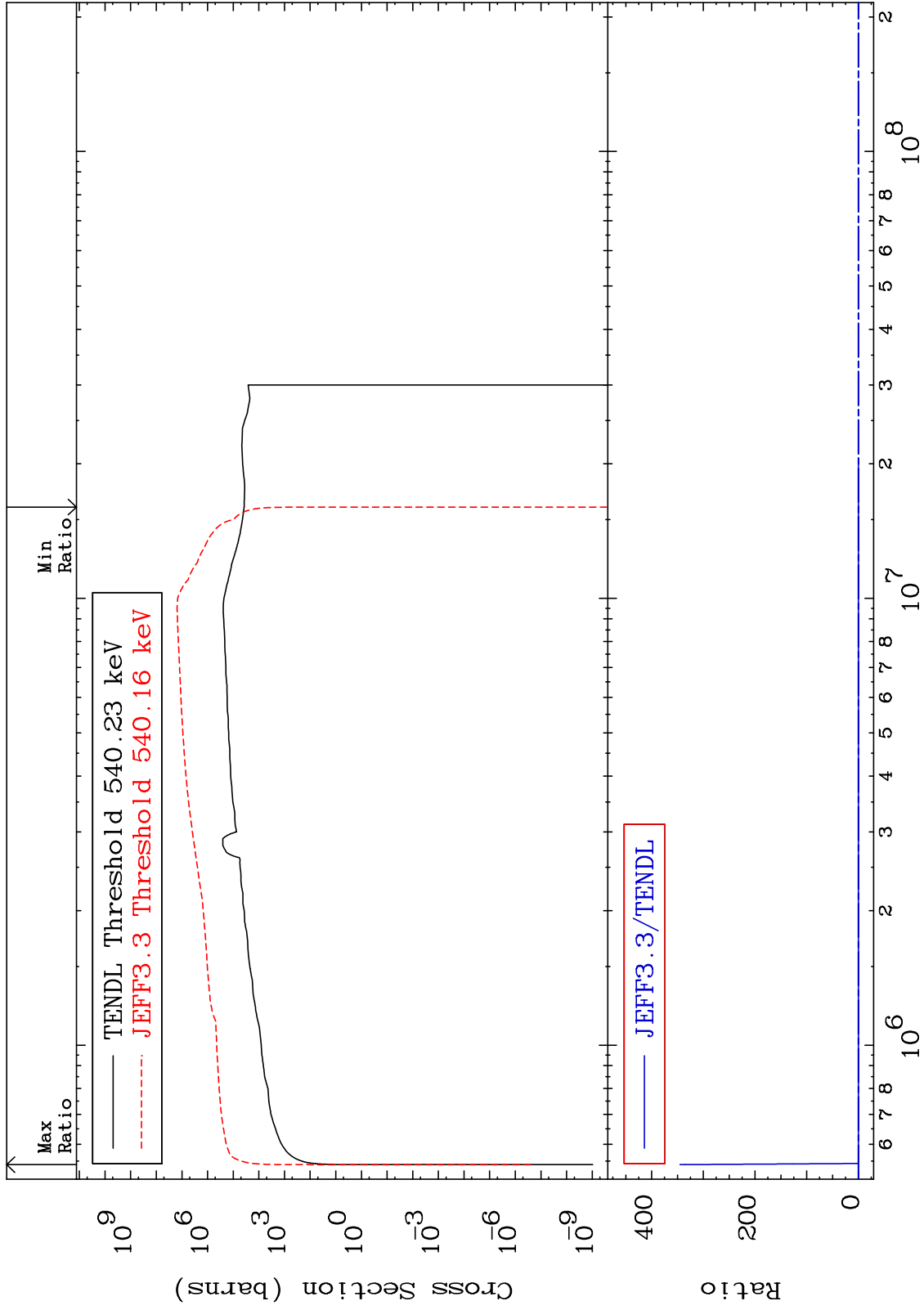
54-Xe-130
-99.92 To 9999. %



MAT 5443

Kerma inelastic (mt51-91)
Cross Section

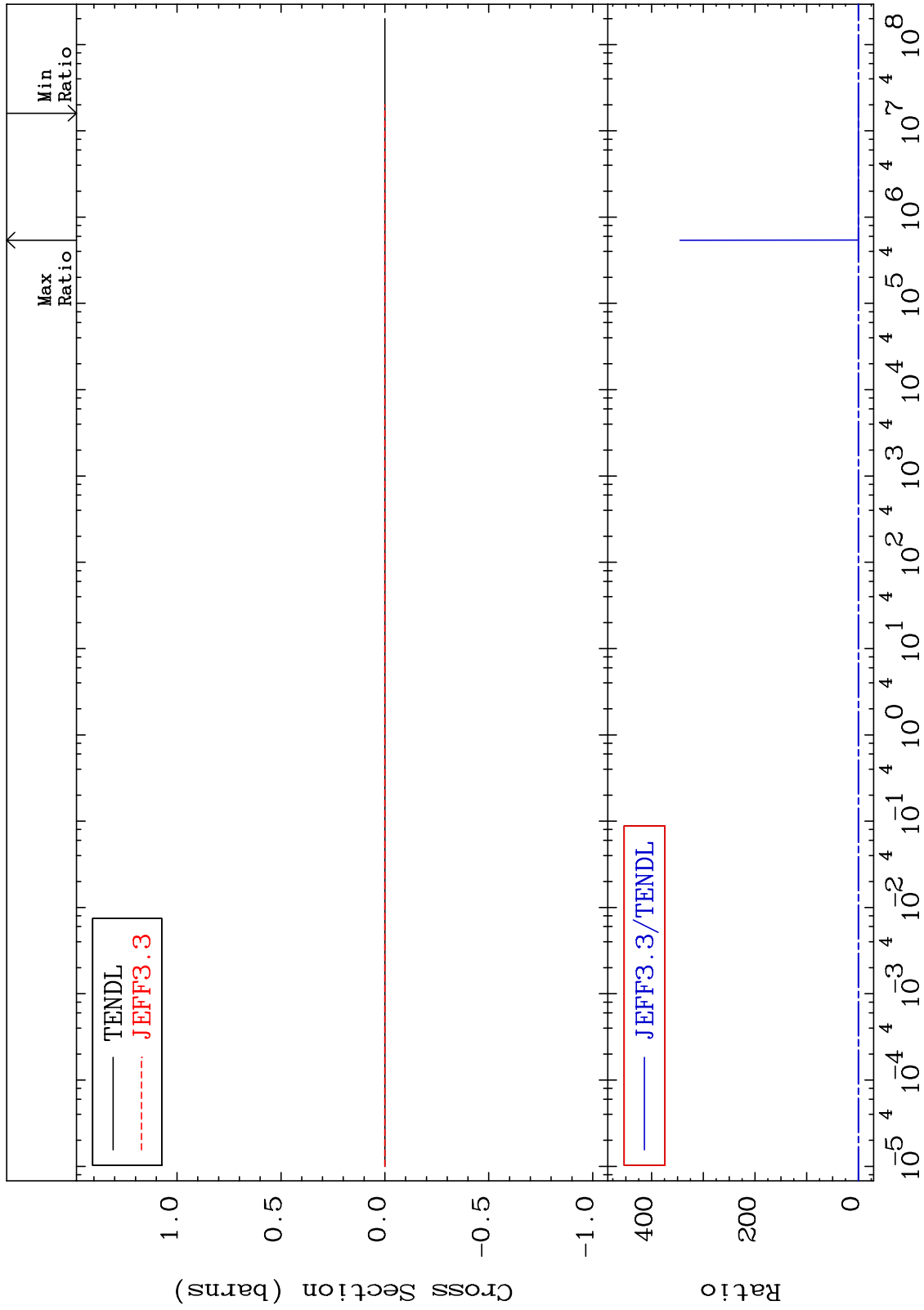
54-Xe-130
-100.0 To 9999. %



MAT 5443

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

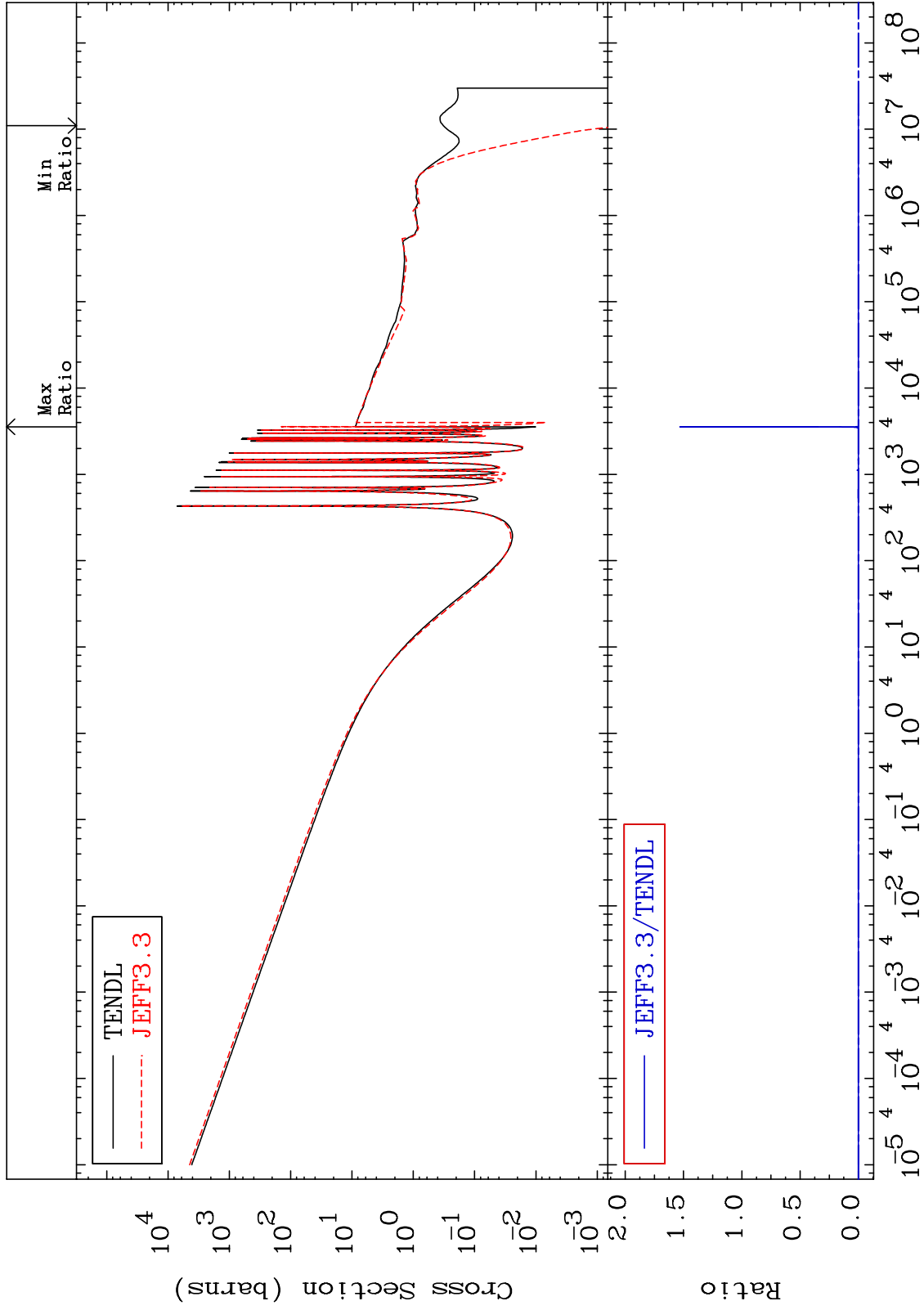
54-Xe-130
-100.0 To 9999. %



MAT 5443

Kerma capture (mt102)
Cross Section

54-Xe-130
-100.0 To 9999. %



27

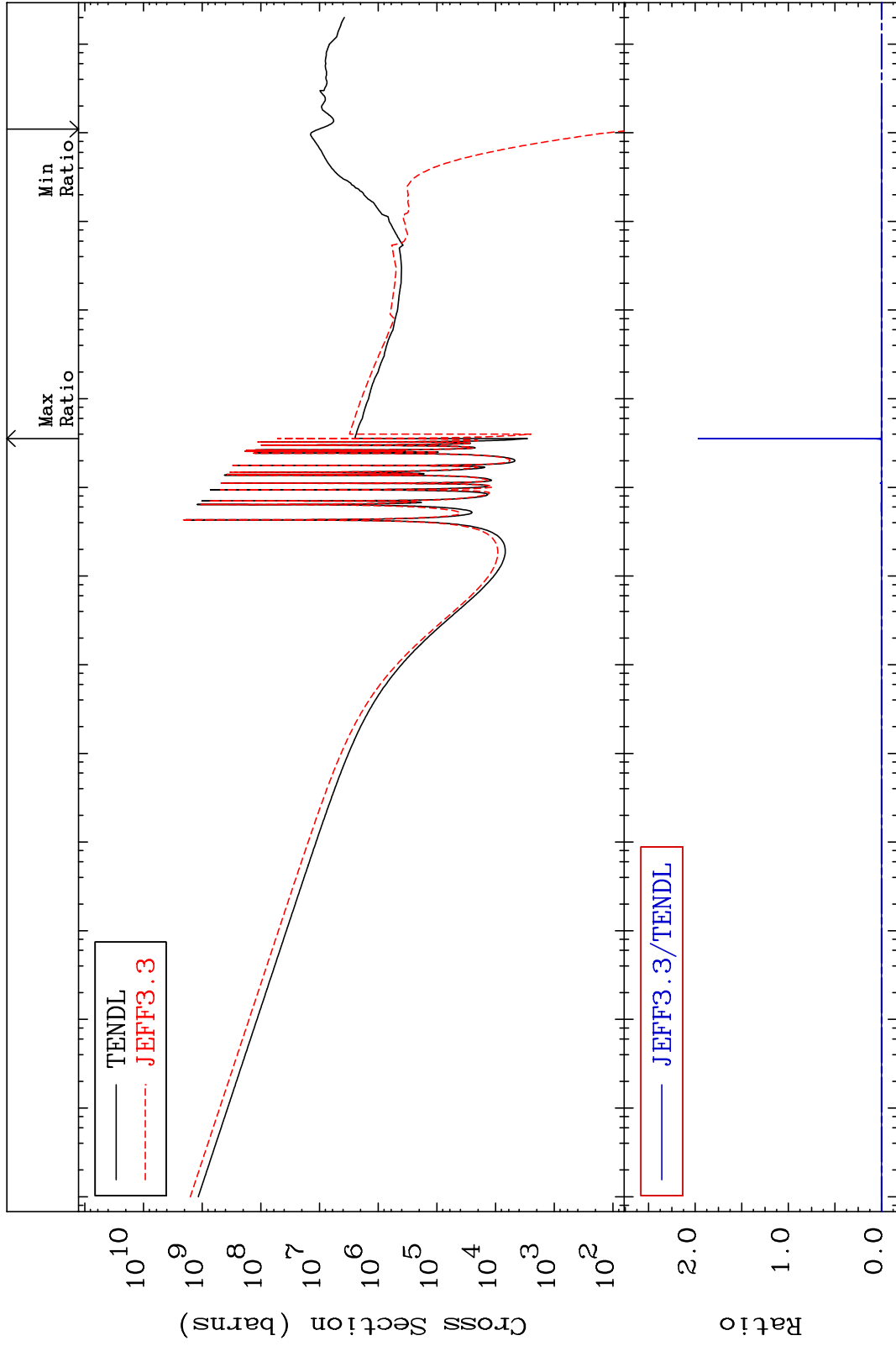
Incident Energy (eV)

54-Xe-130

MAT 5443

Total photon (eV-barns)
Cross Section

54-Xe-130
-100.0 To 9999. %



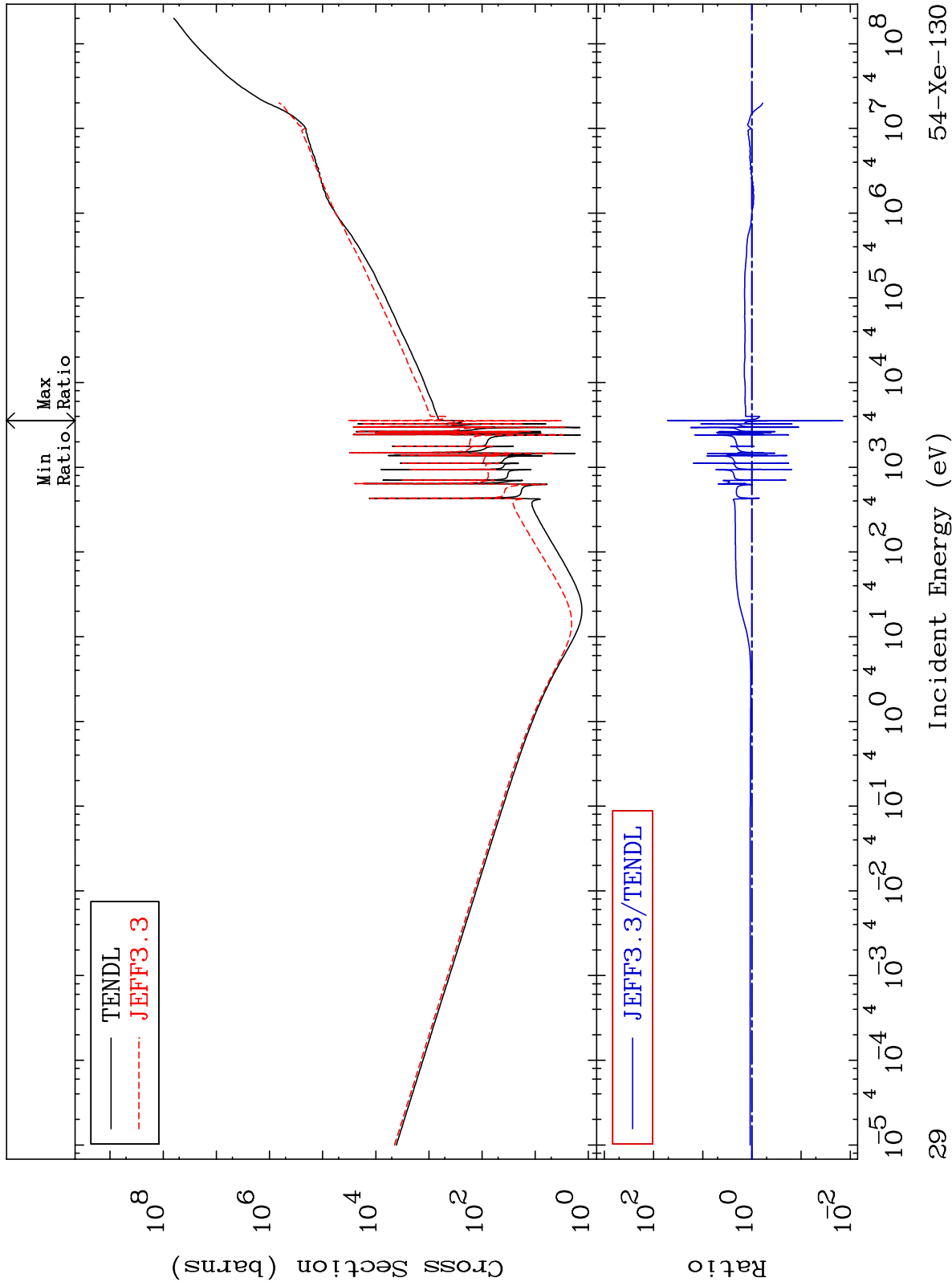
— TENDL
- - - JEFF3.3

— JEFF3.3/TENDL

MAT 5443

Total kinematic kerma (high limit)
Cross Section

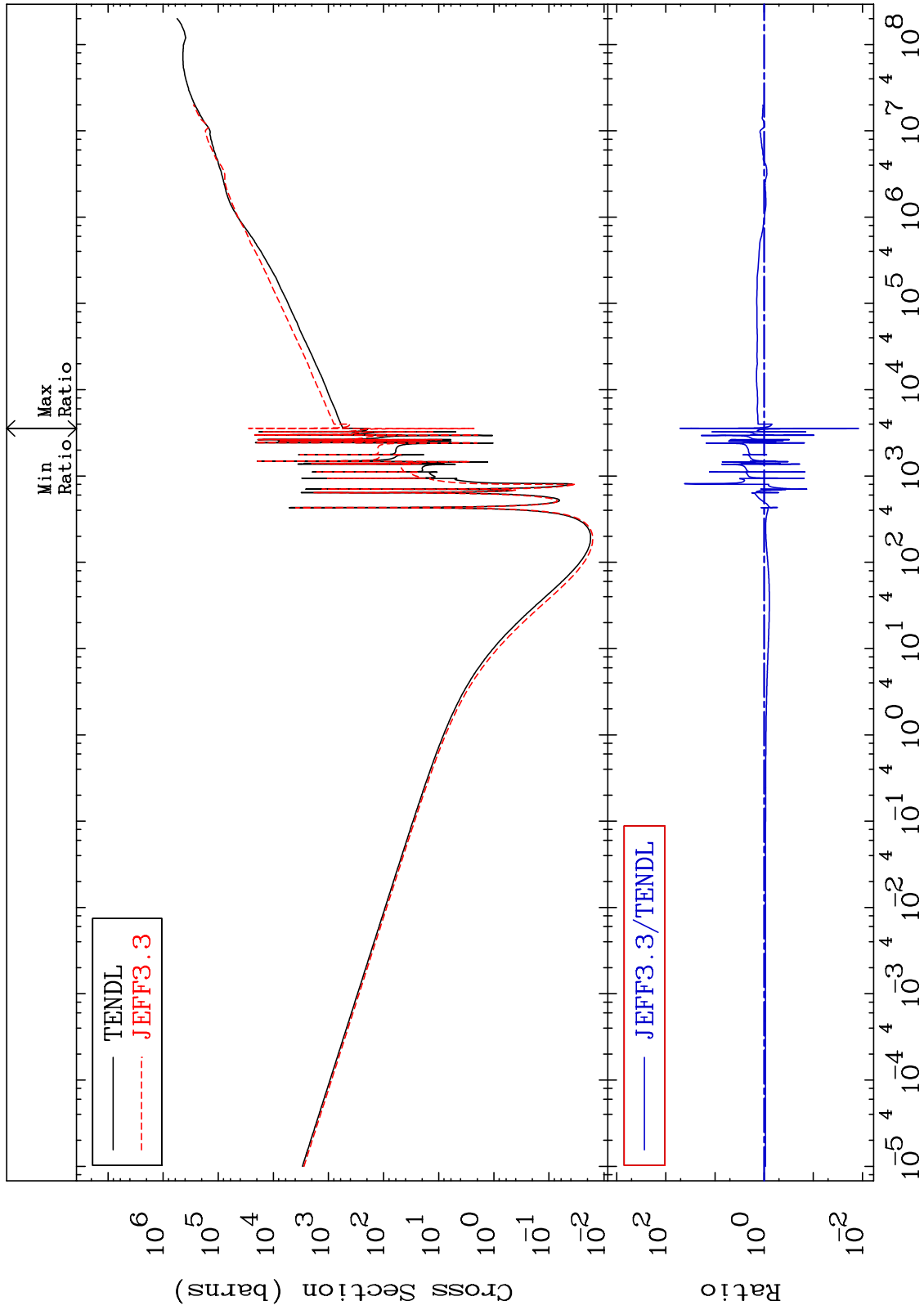
54-Xe-130
-98.57 To 5083. %



MAT 5443

Dpa total (eV-barns)
Cross Section

54-Xe-130
-98.79 To 5048. %



30

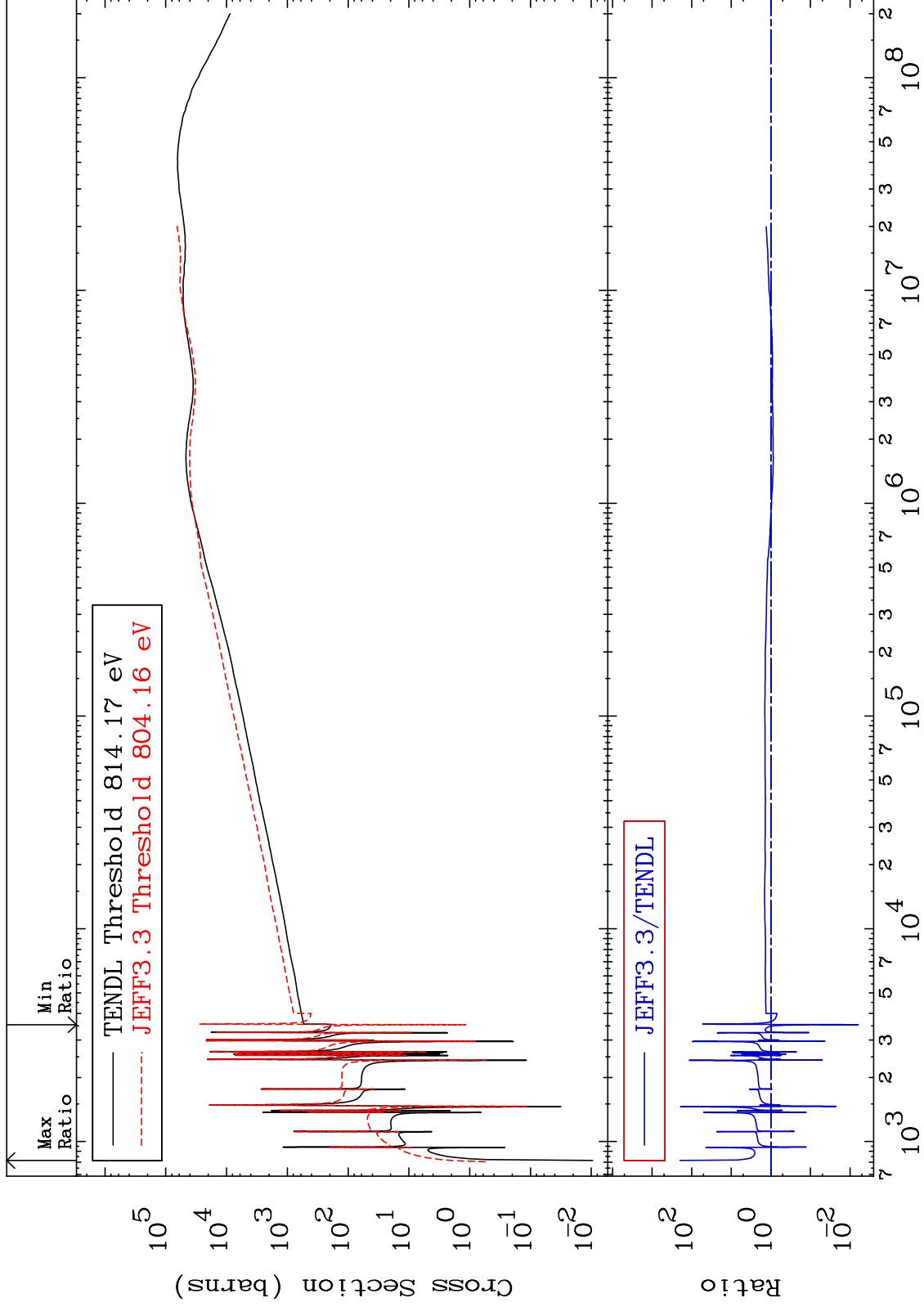
Incident Energy (eV)

54-Xe-130

MAT 5443

Dpa elastic (mt2)
Cross Section

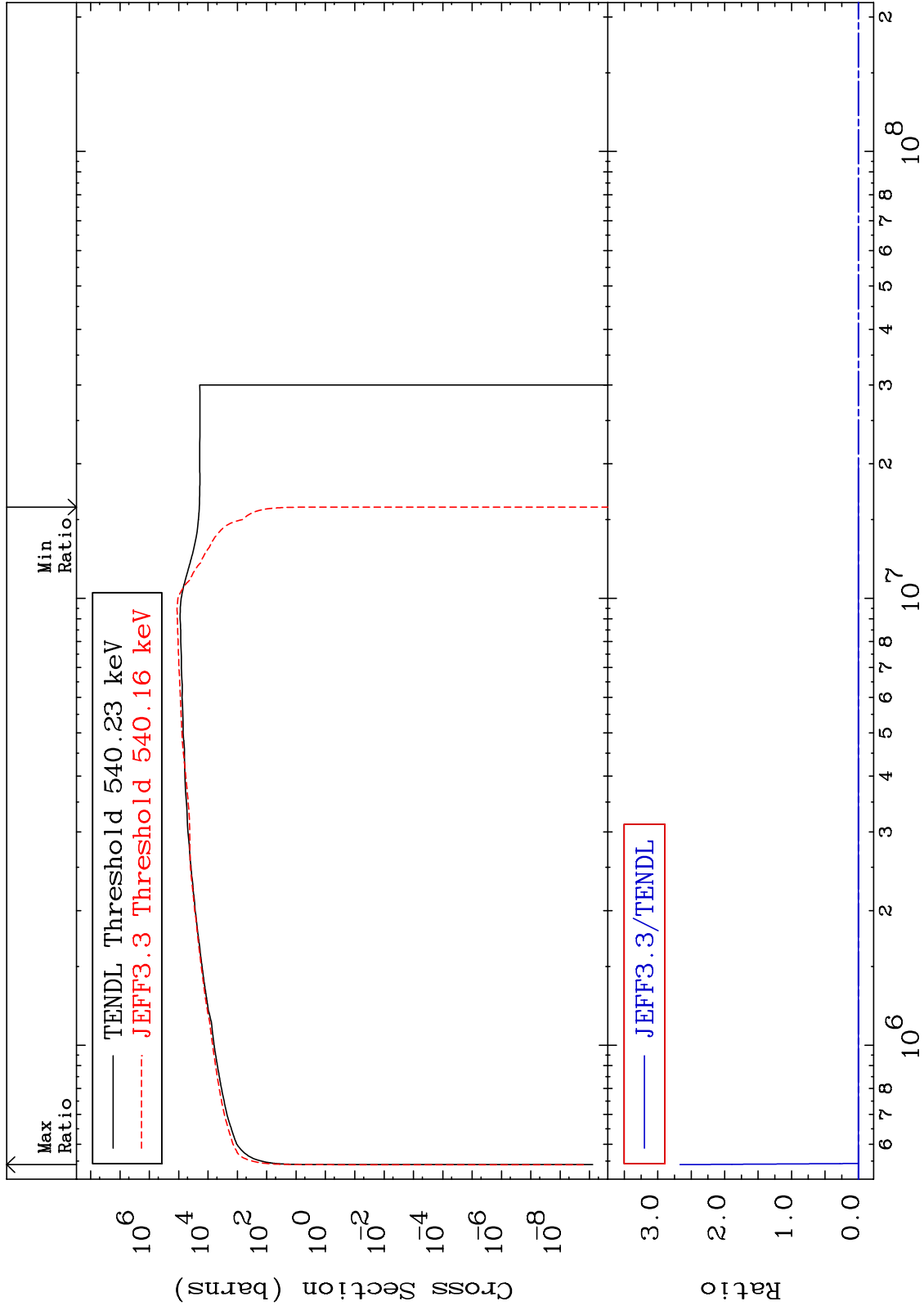
54-Xe-130
-99.39 To 9999. %



MAT 5443

Dpa inelastic (mt51-91)
Cross Section

54-Xe-130
-100.0 To 9999. %



MAT 5443

Dpa disappearance (mt102 -120)
Cross Section

54-Xe-130
-99.93 To 9999. %

