

Program Complot
(Version 2021-1)

by

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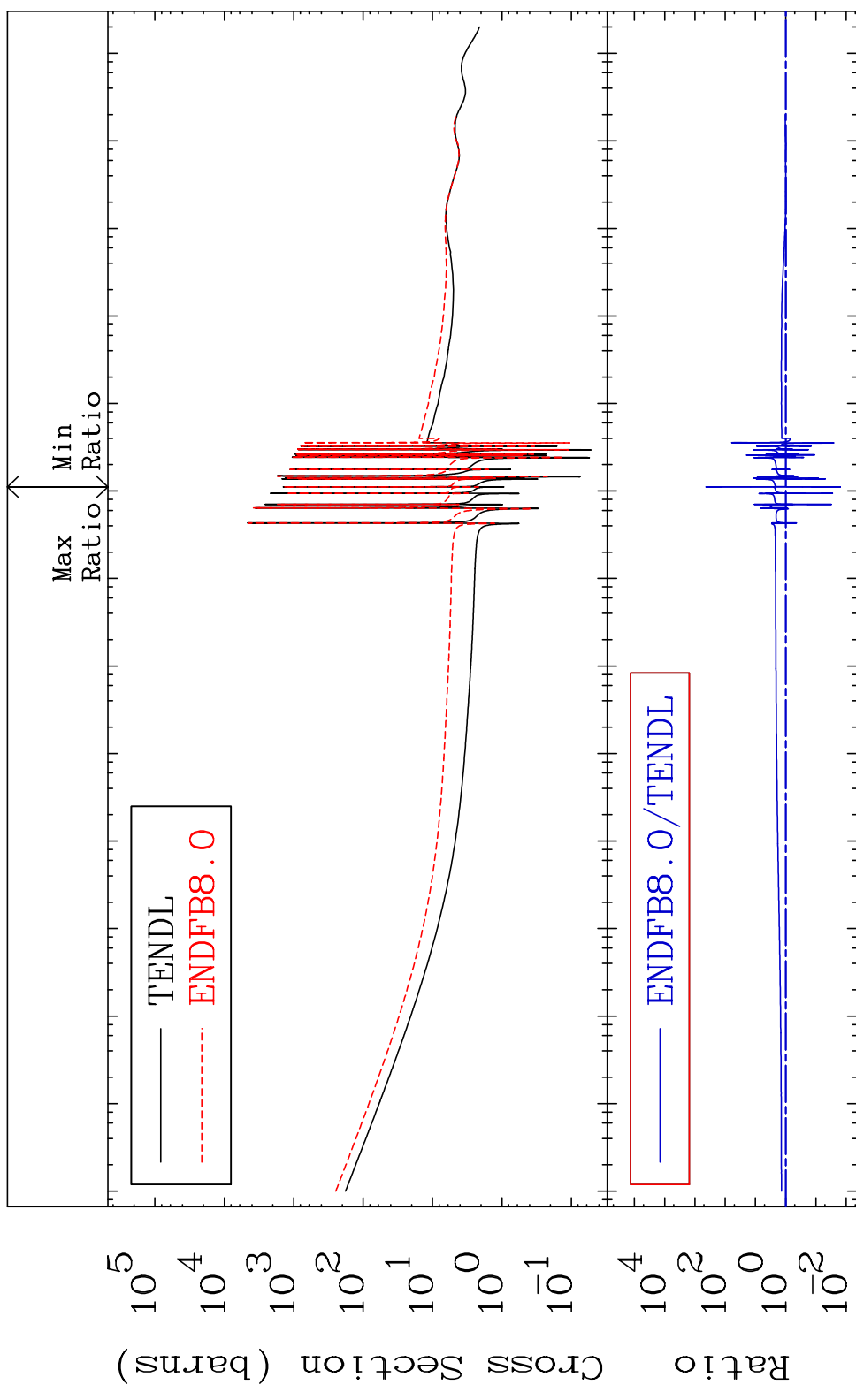
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5443

Total Cross Section -98.46 To 9999. %

54-Xe-130



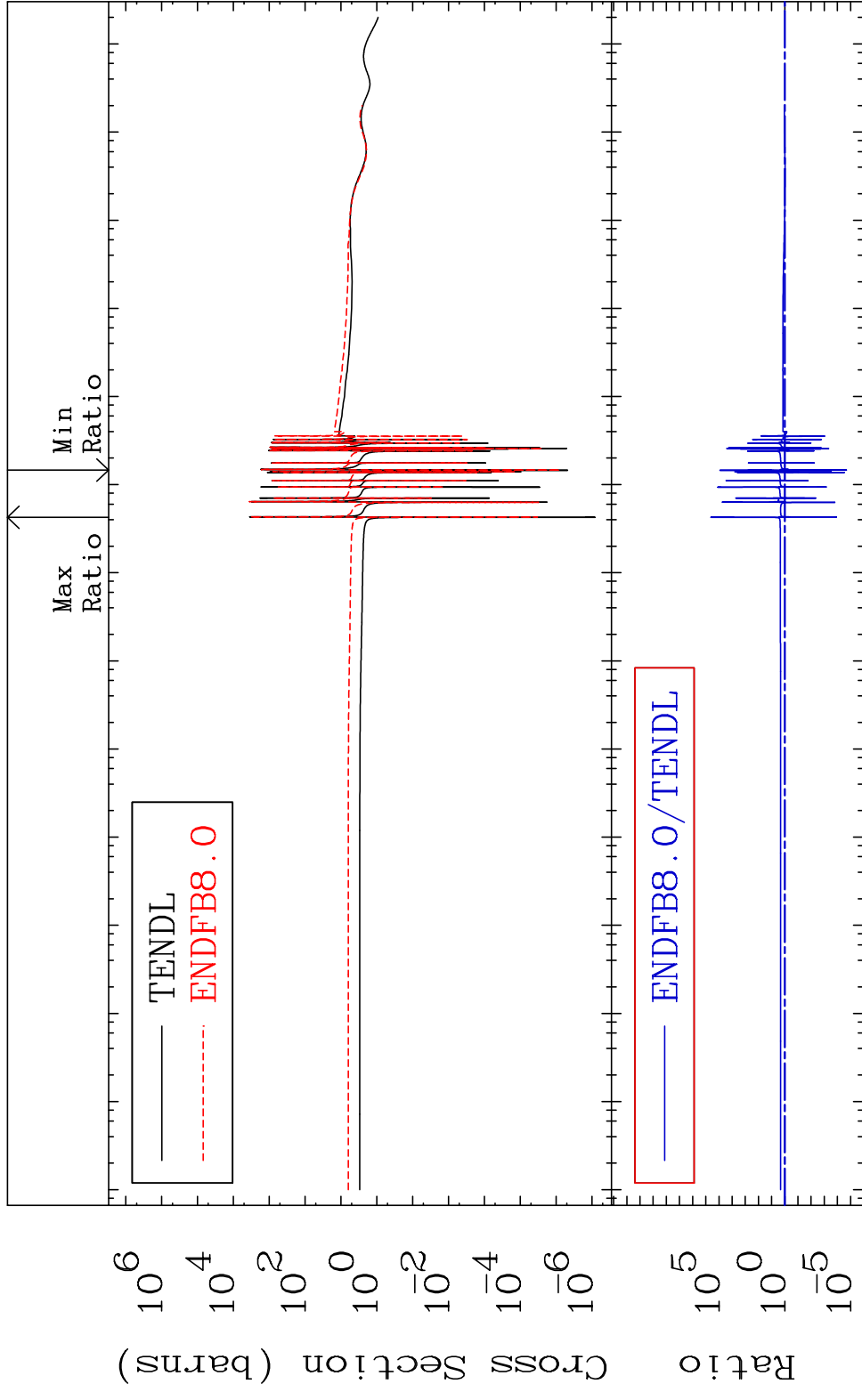
1 Incident Energy (eV) 54-Xe-130

MAT 5443

54-Xe-130

Elastic

Cross Section -100.0 To 9999. %

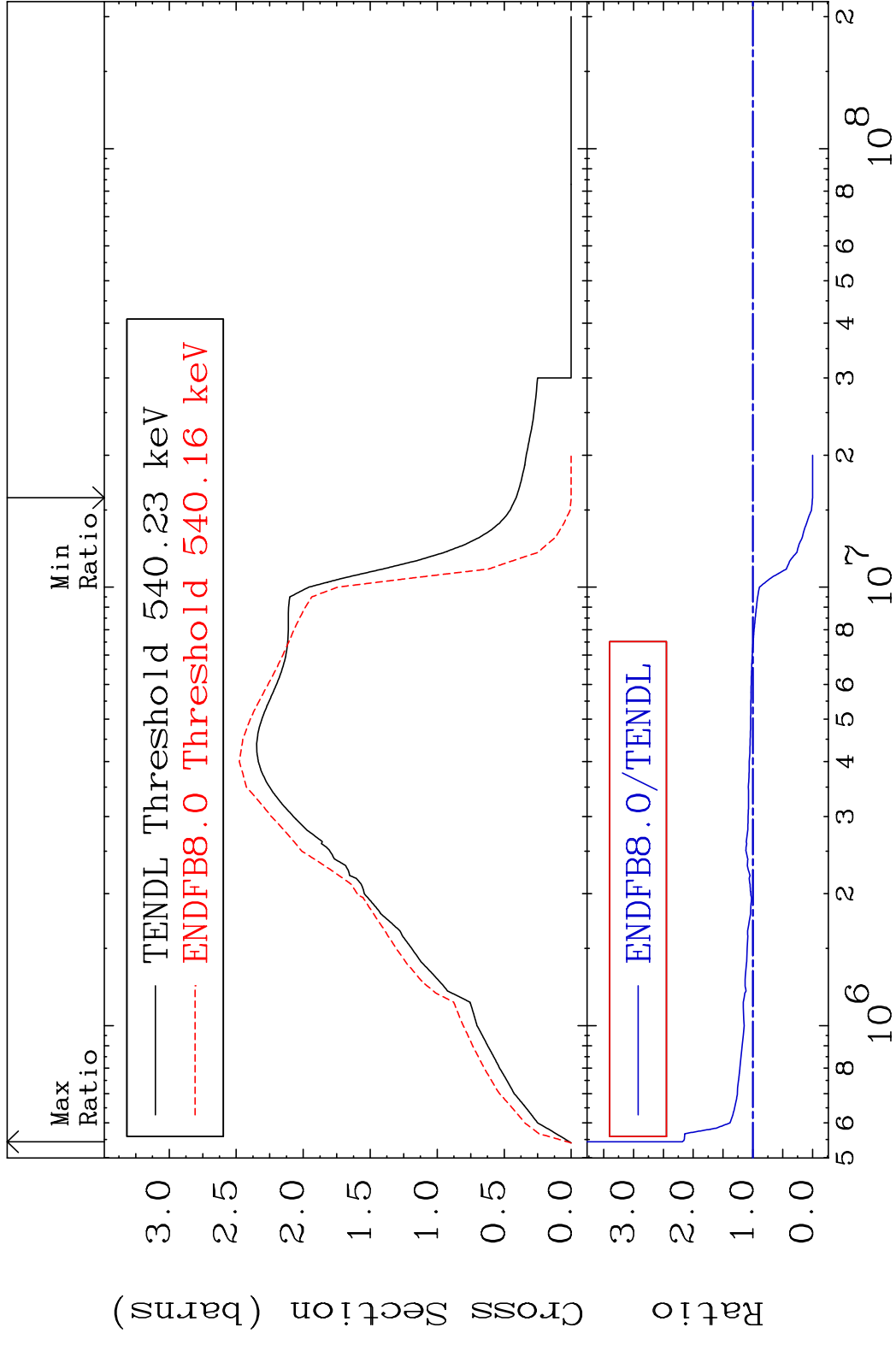


2

Incident Energy (eV)

54-Xe-130

MAT 5443 Inelastic 54-Xe-130
 Cross Section -100.0 To 118.2 %

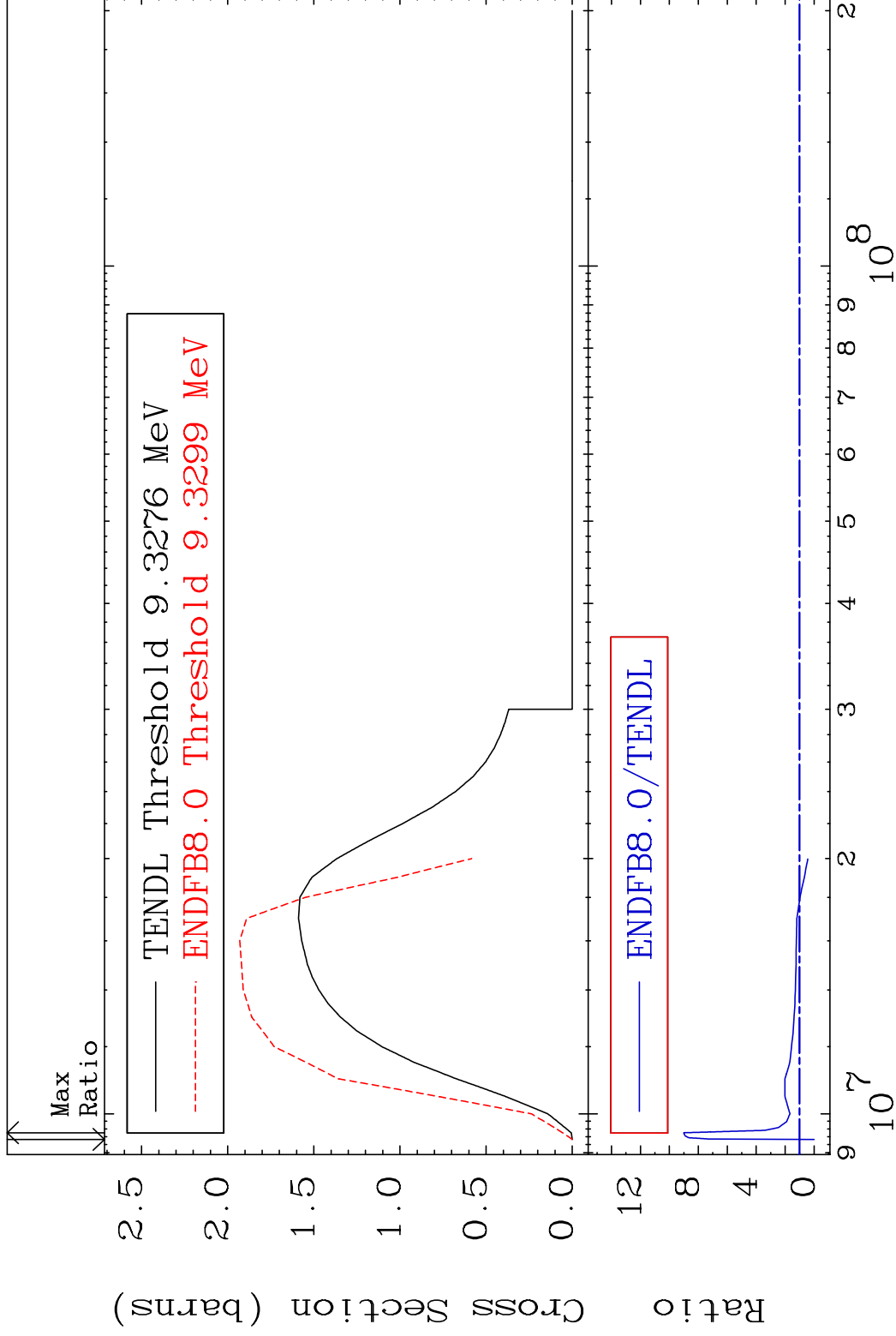


MAT 5443

(n,2n)

54-Xe-130

Cross Section -100.0 To 801.5 %



4

Incident Energy (eV)

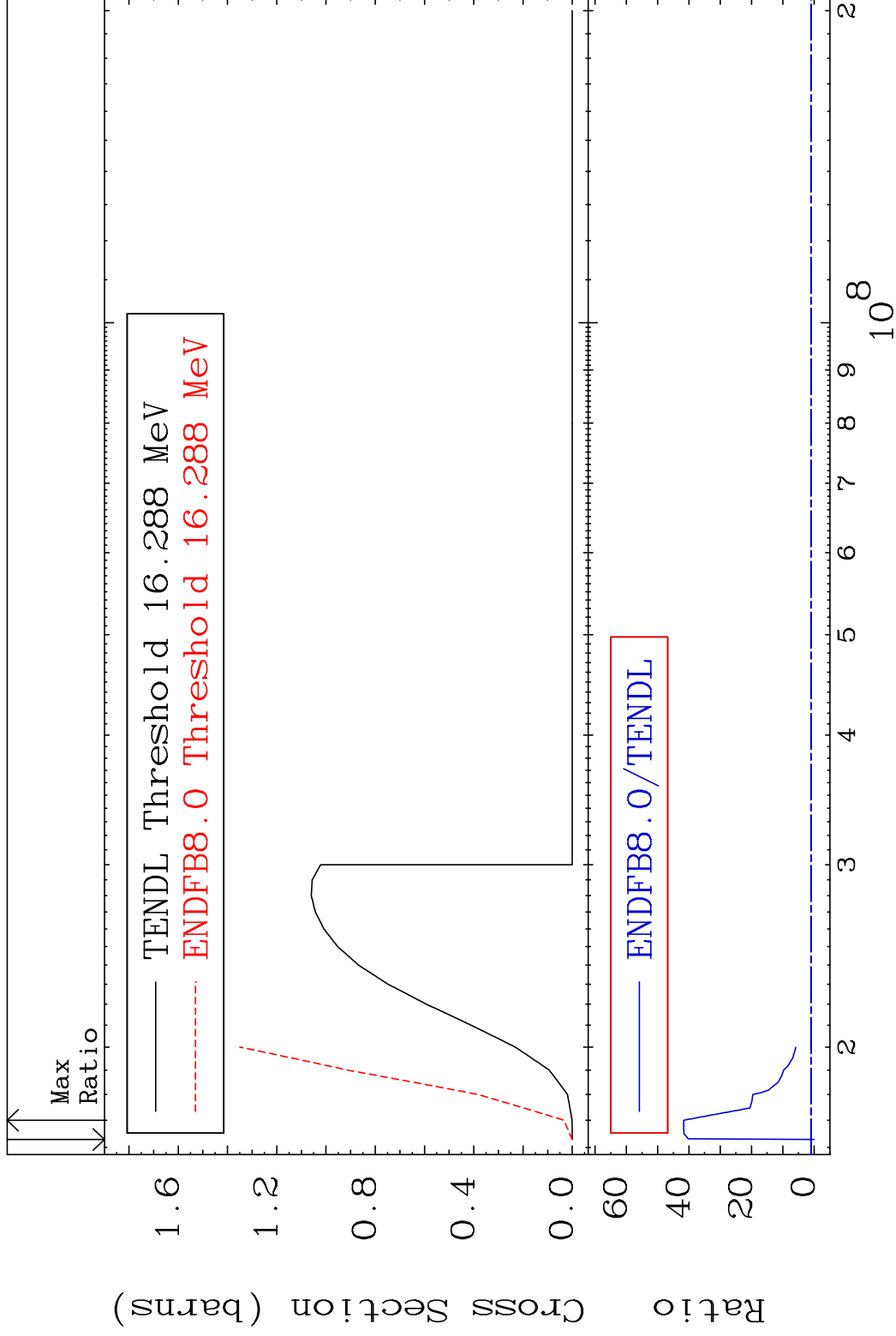
54-Xe-130

MAT 5443

(n,3n)

54-Xe-130

Cross Section -100.0 To 4069. %

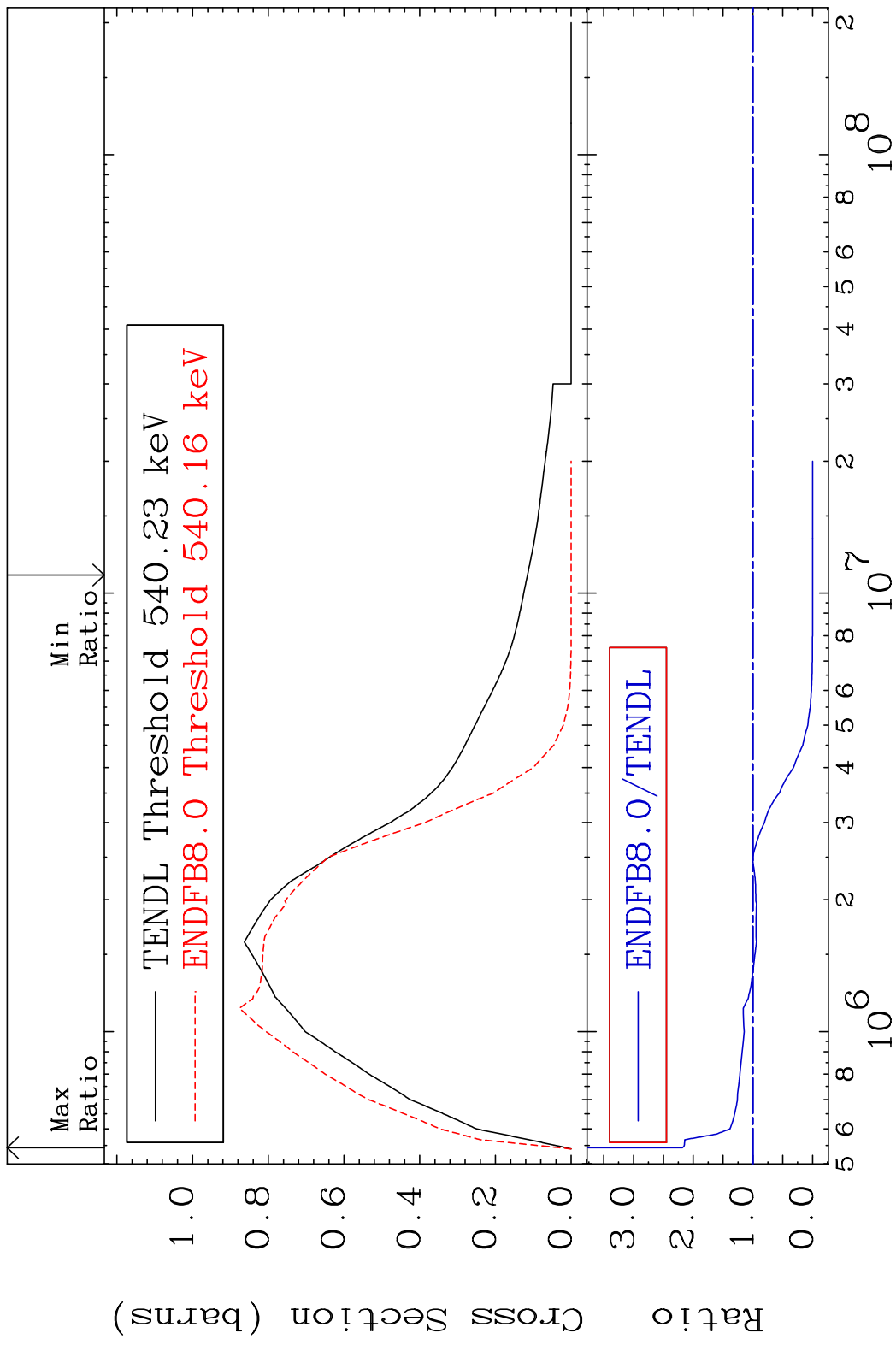


5

Incident Energy (eV)

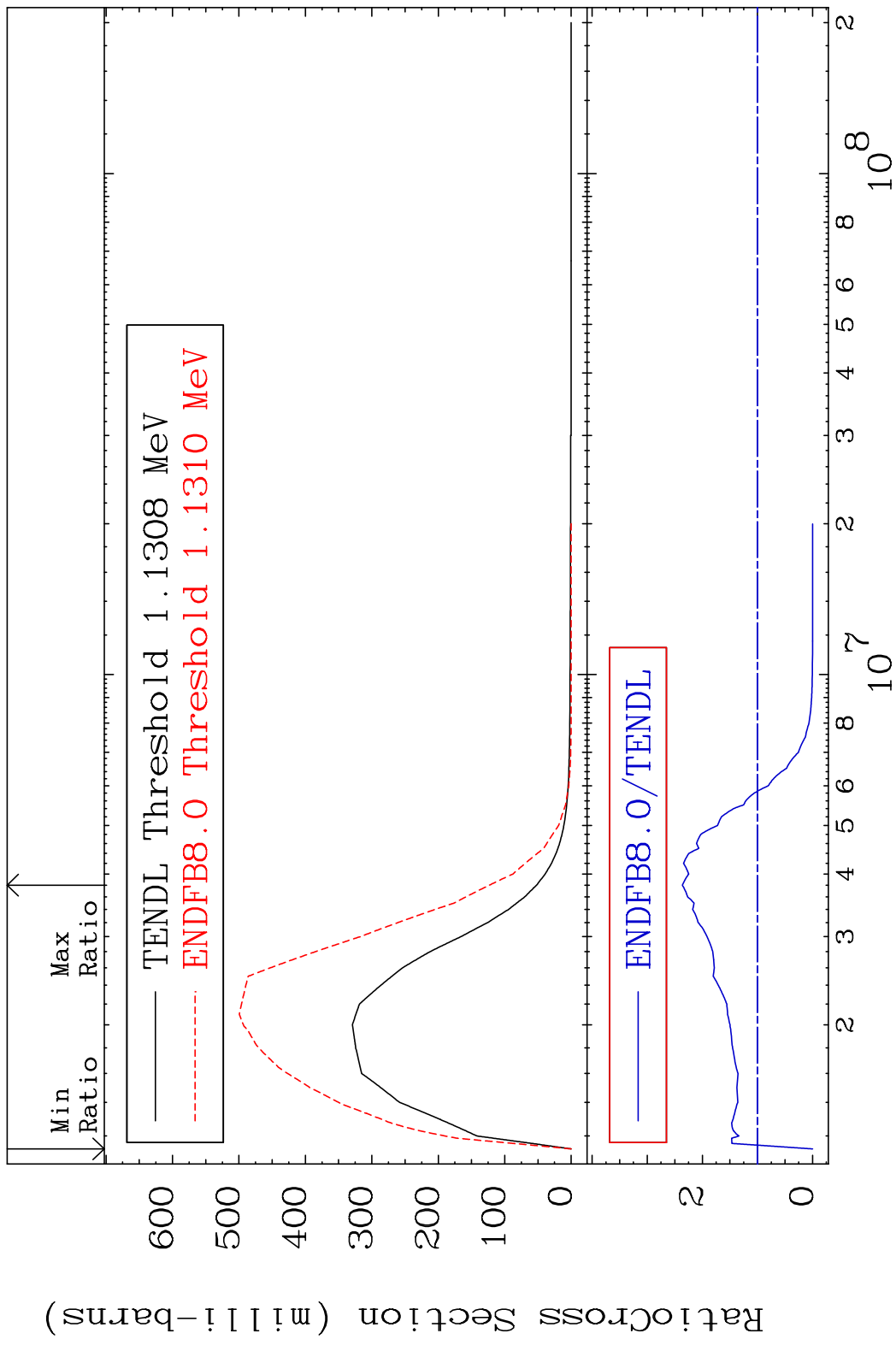
54-Xe-130

MAT 5443 MT= 51 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 118.2 %



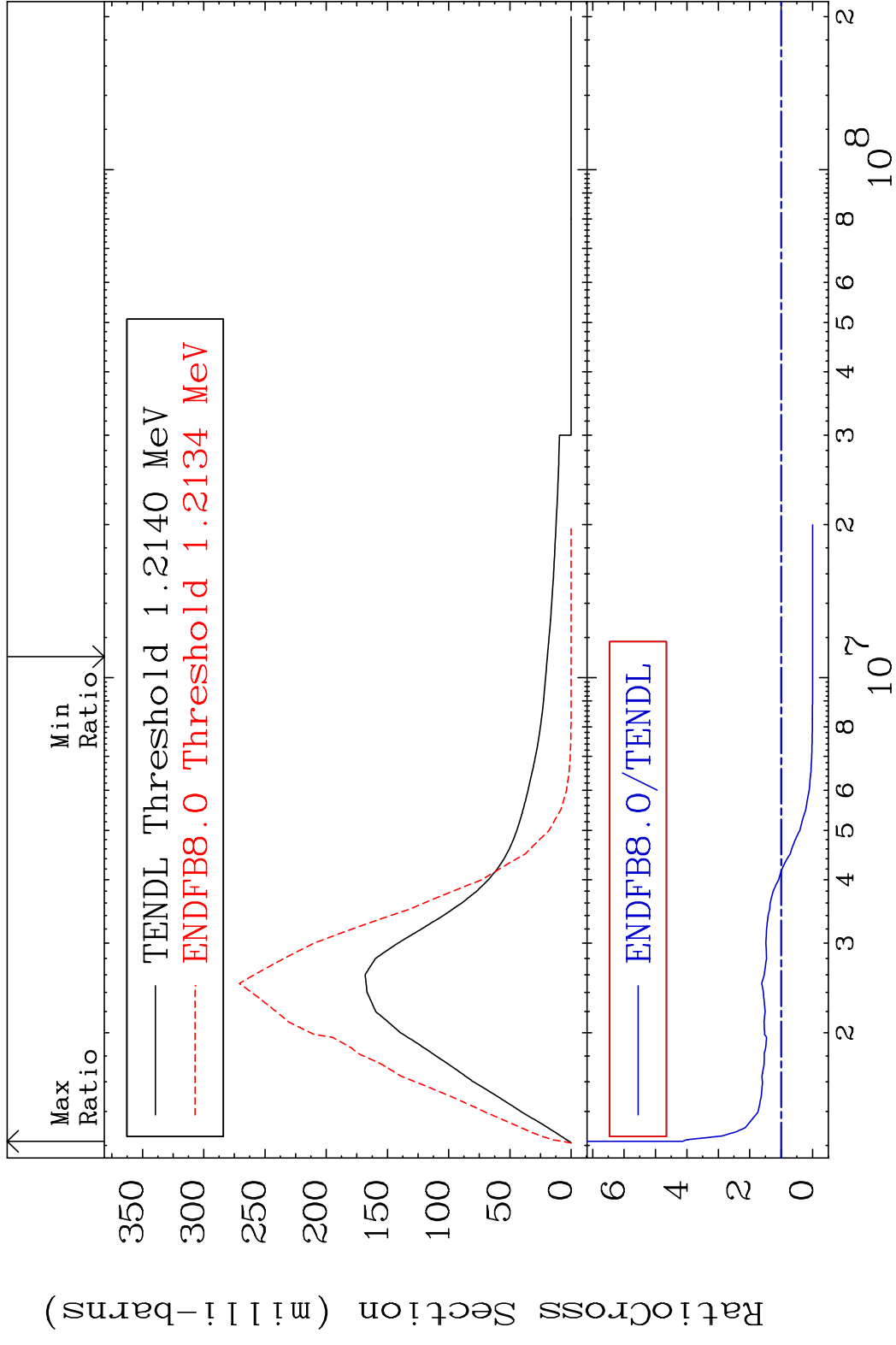
6 Incident Energy (eV) 54-Xe-130

MAT 5443 MT= 52 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 136.3 %

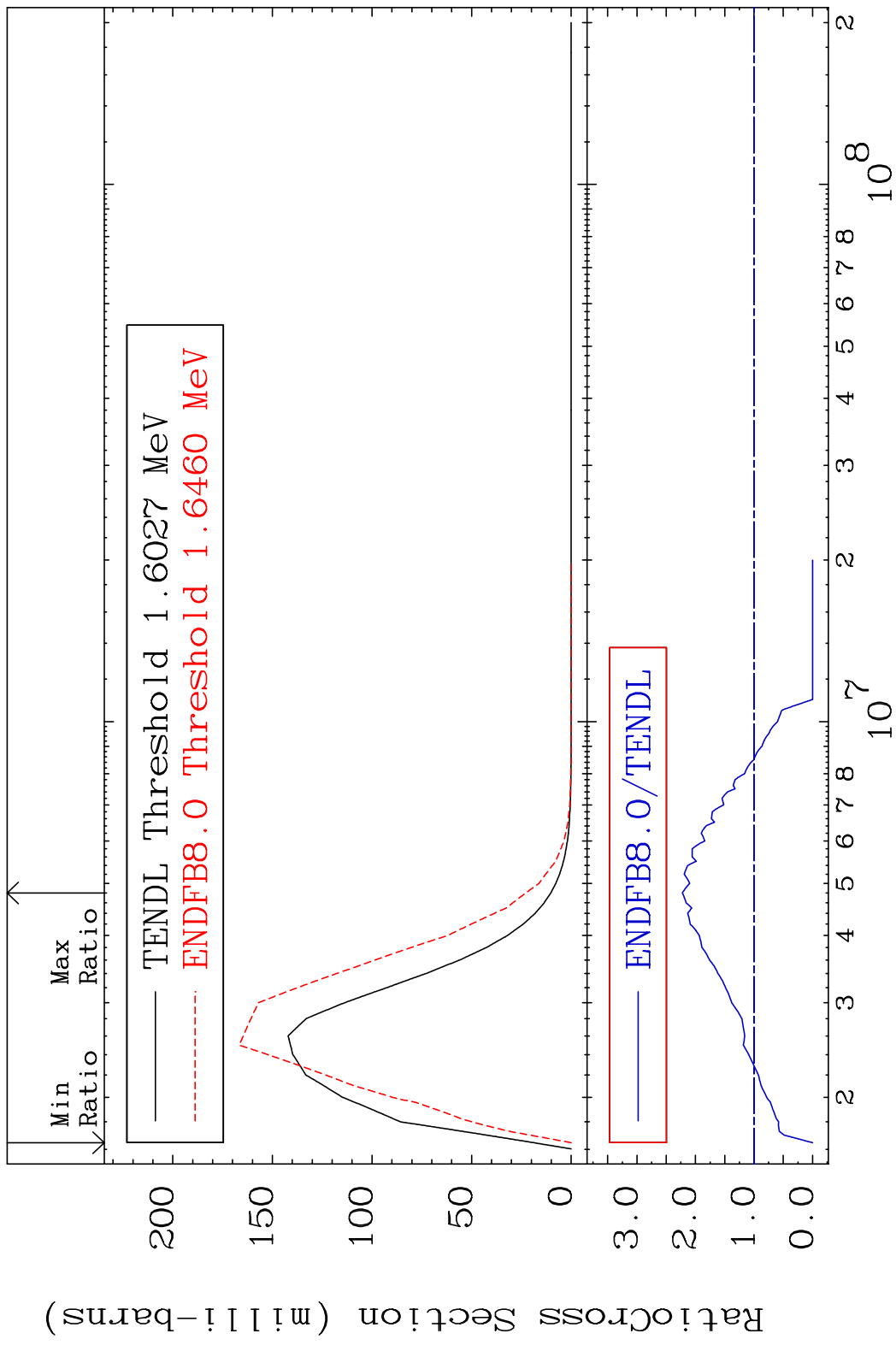


7 Incident Energy (eV) 54-Xe-130

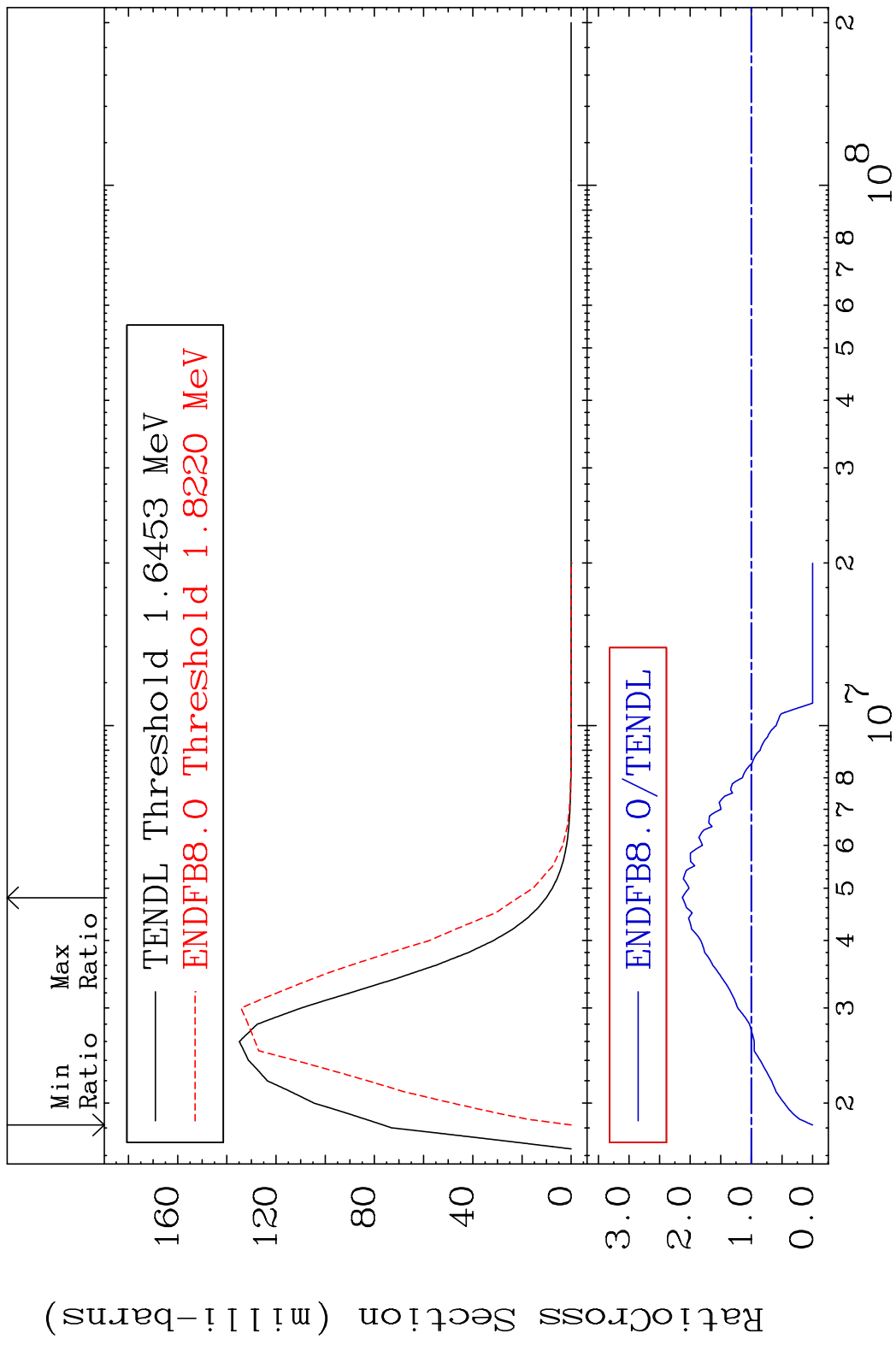
MAT 5443 MT= 53 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 314.5 %



MAT 5443 MT= 54 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 122.4 %

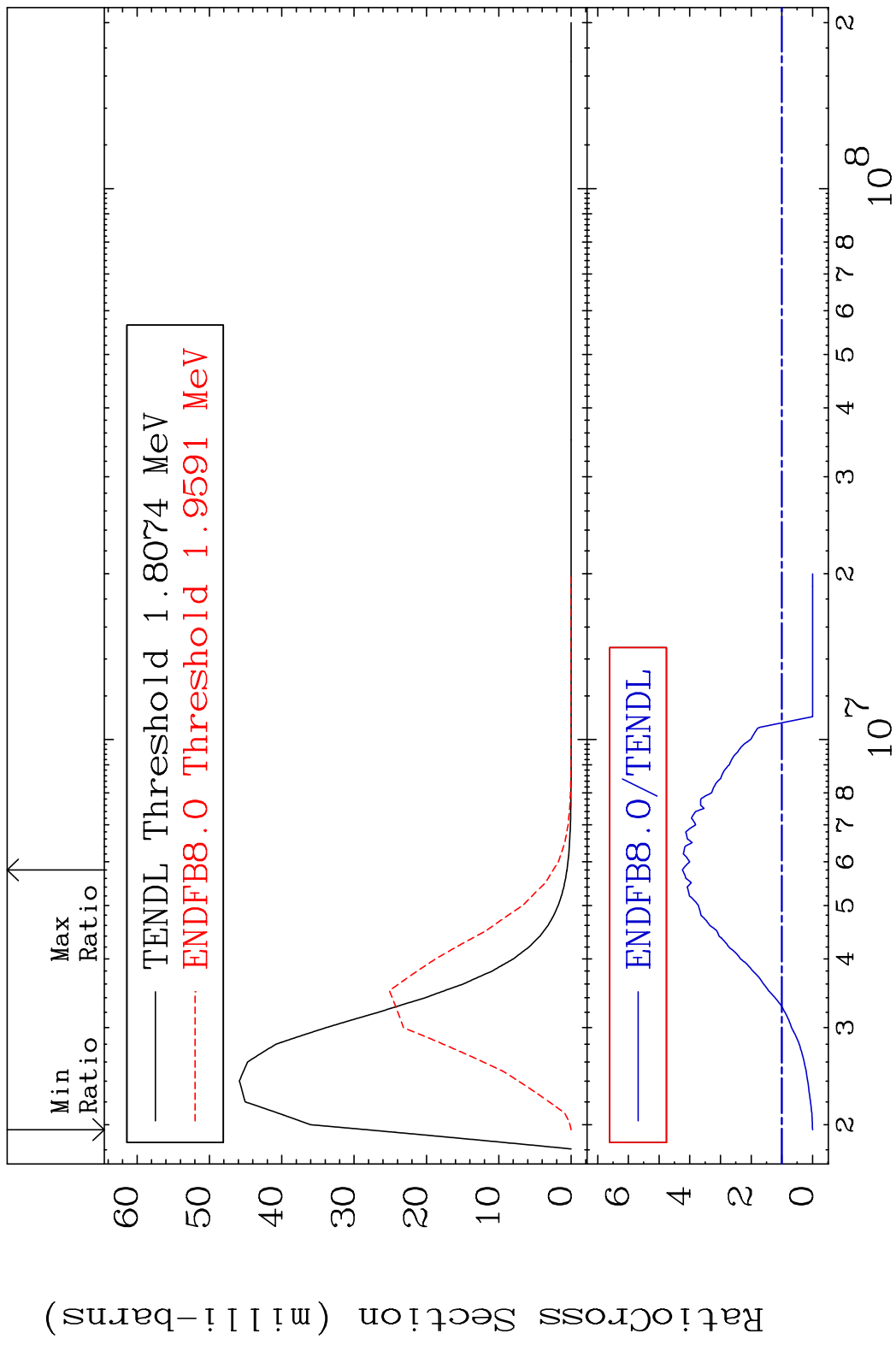


MAT 5443 MT= 55 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 112.8 %



10 100 54-Xe-130

MAT 5443 MT= 56 (n, n') Level 54-Xe-130
 Cross Section -100.0 To 324.2 %

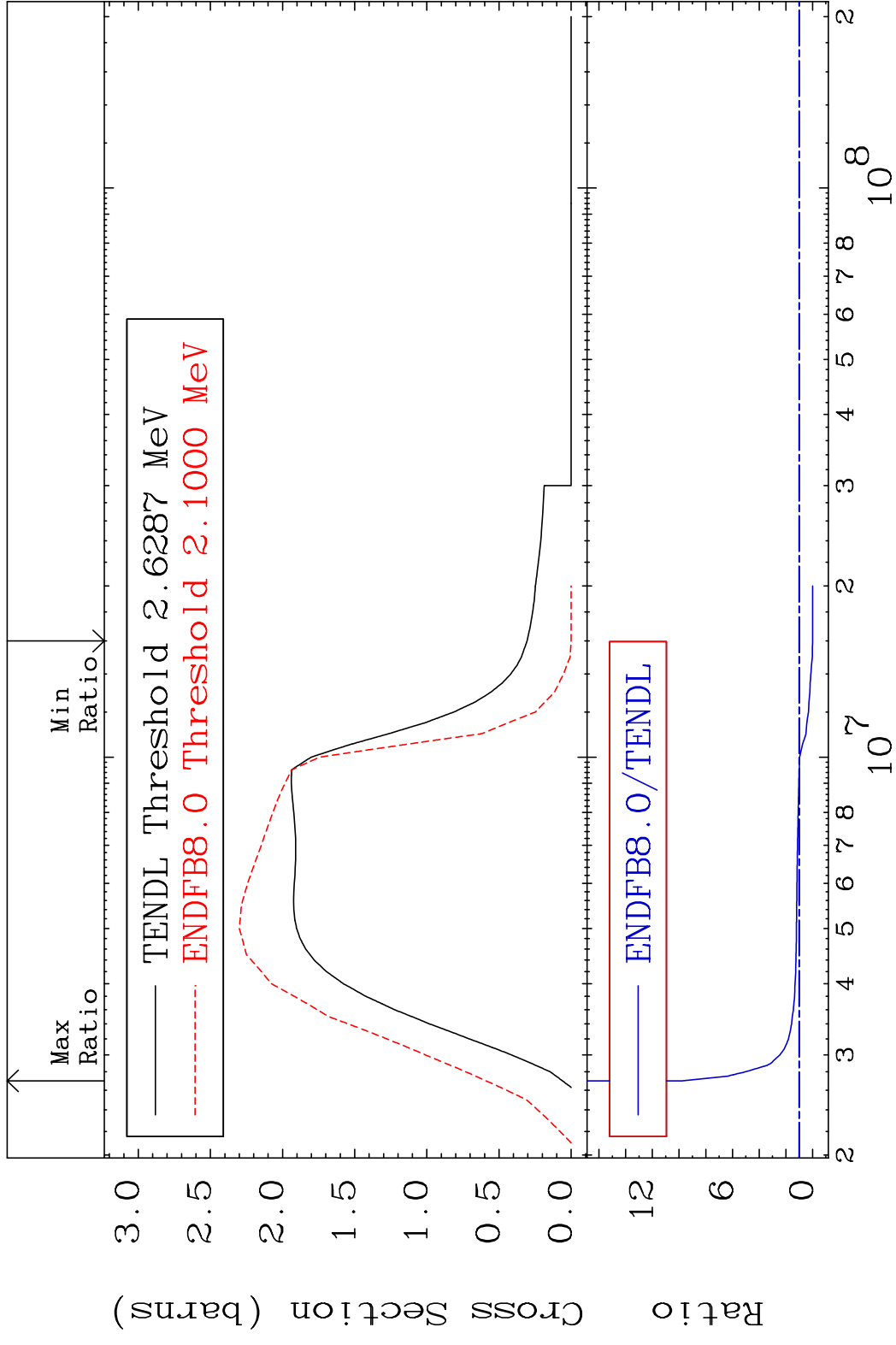


MAT 5443

(n,n') Continuum

54-Xe-130

Cross Section -100.0 To 875.4 %

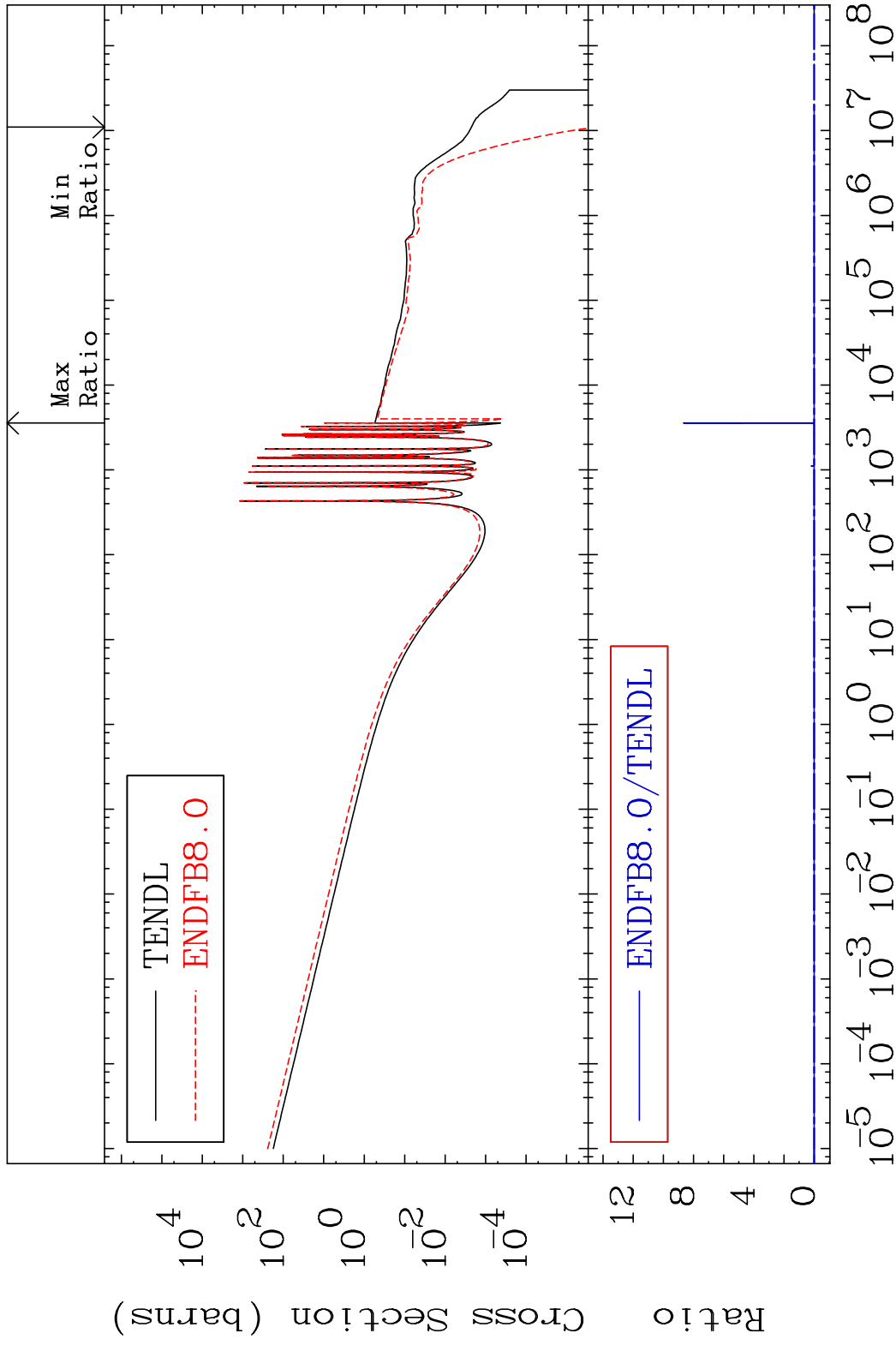


MAT 5443

(n, γ)

54-Xe-130

Cross Section -100.0 To 9999. %



13

Incident Energy (eV)

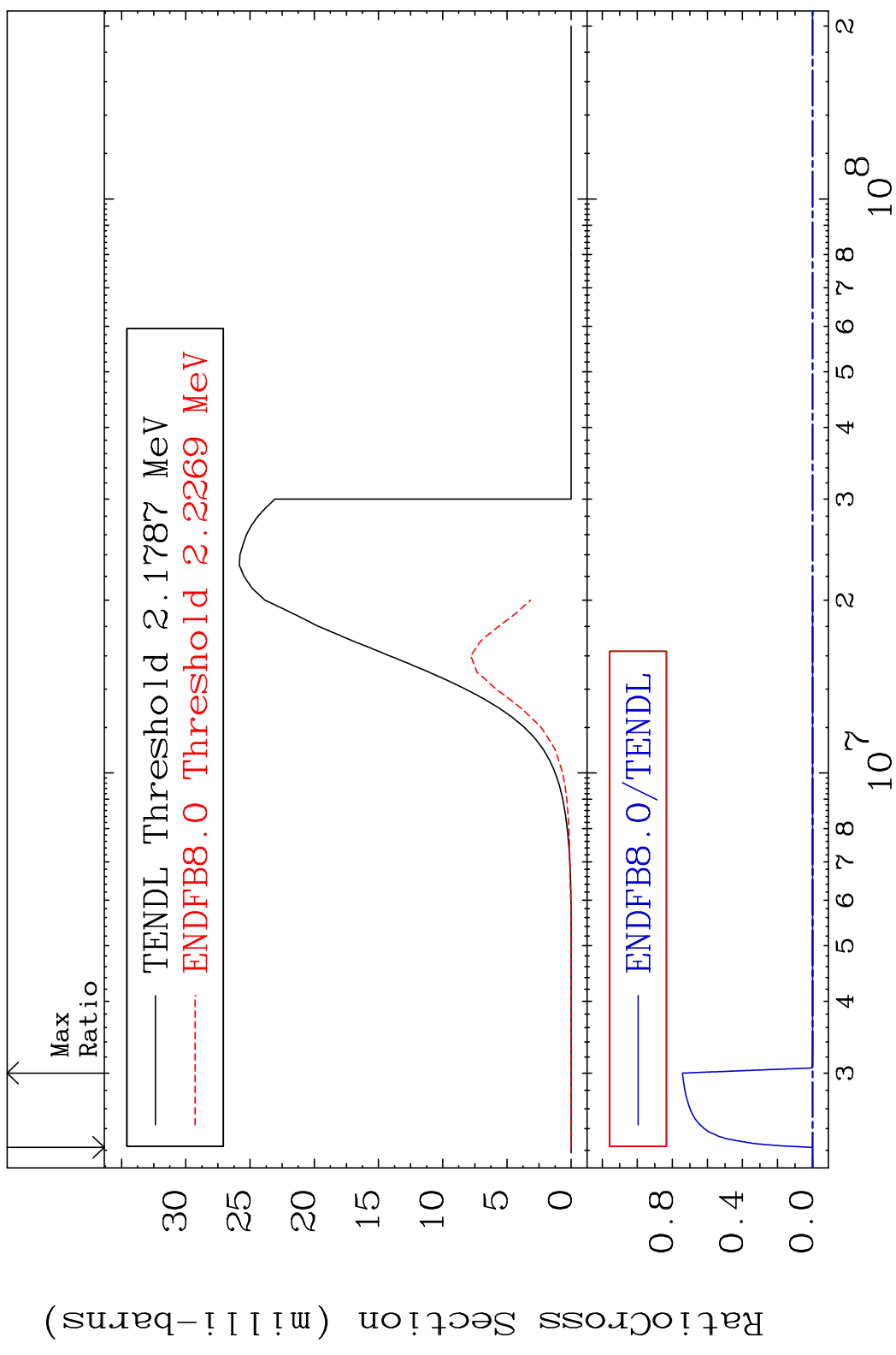
54-Xe-130

MAT 5443

(n,p)

54-Xe-130

Cross Section -100.0 To 9999. %

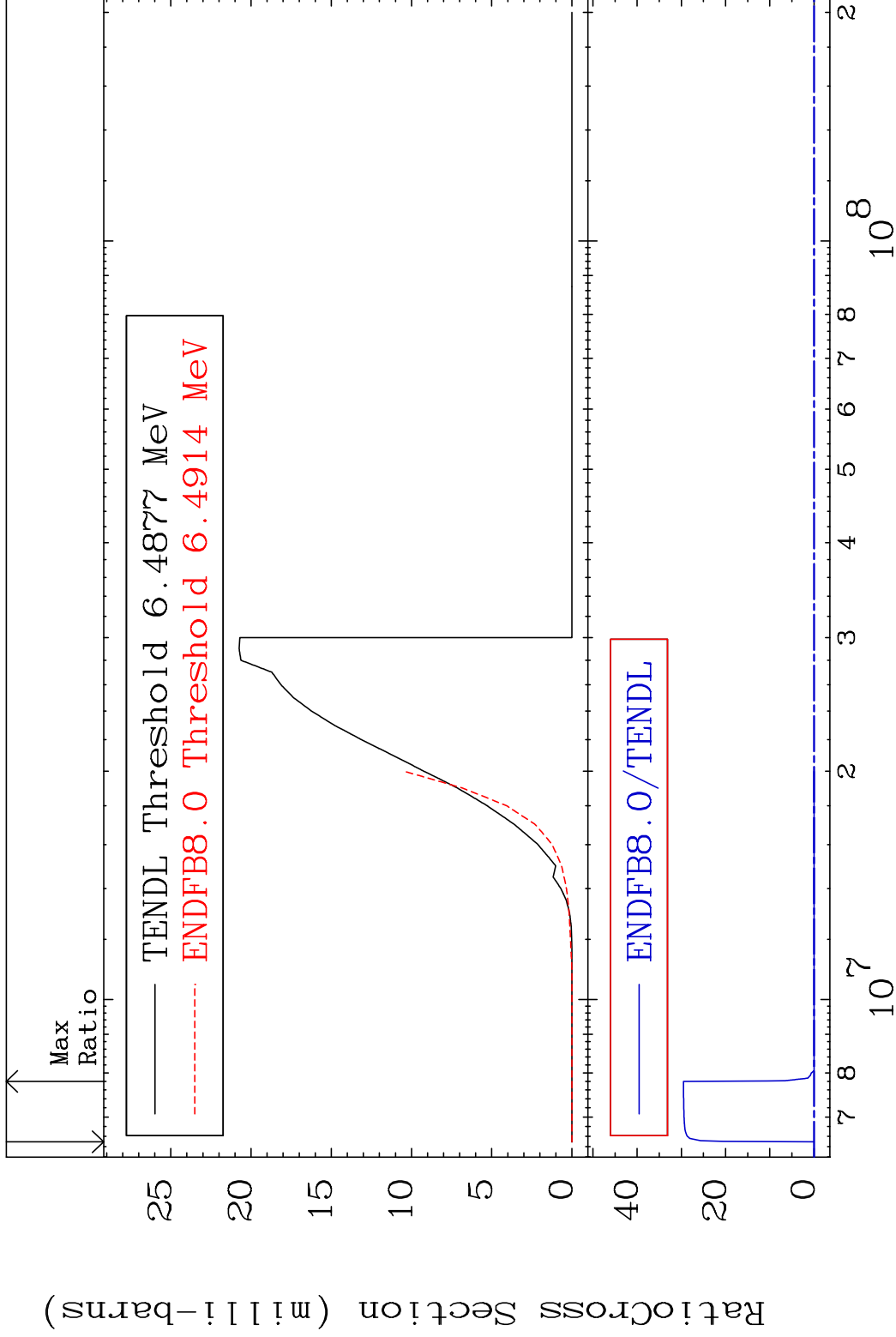


MAT 5443

(n,d)

54-Xe-130

Cross Section -100.0 To 9999. %



15

Incident Energy (eV)

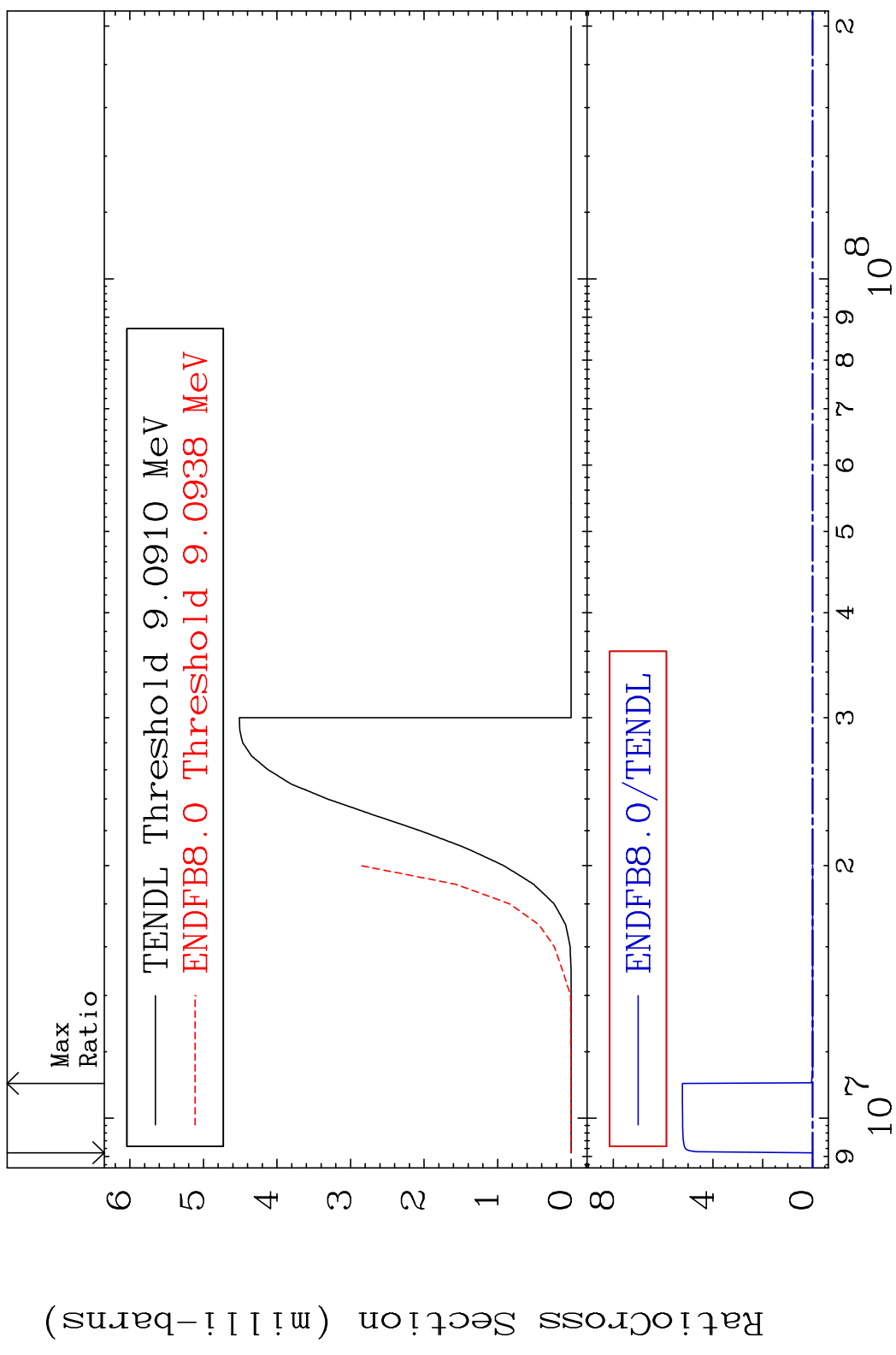
54-Xe-130

MAT 5443

(n, t)

54-Xe-130

Cross Section -100.0 To 9999. %



16

Incident Energy (eV)

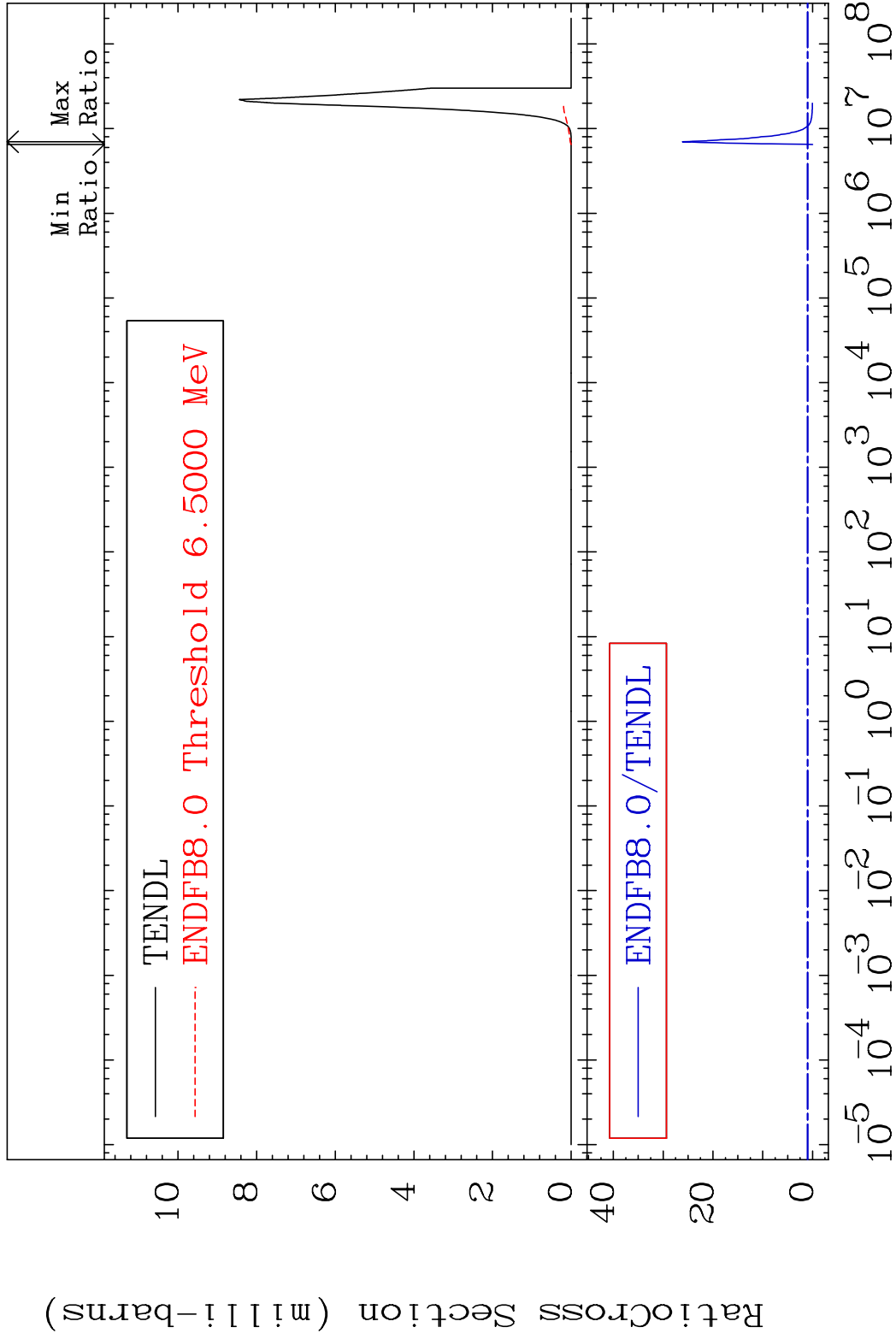
54-Xe-130

MAT 5443

(n, α)

54-Xe-130

Cross Section -100.0 To 2515. %



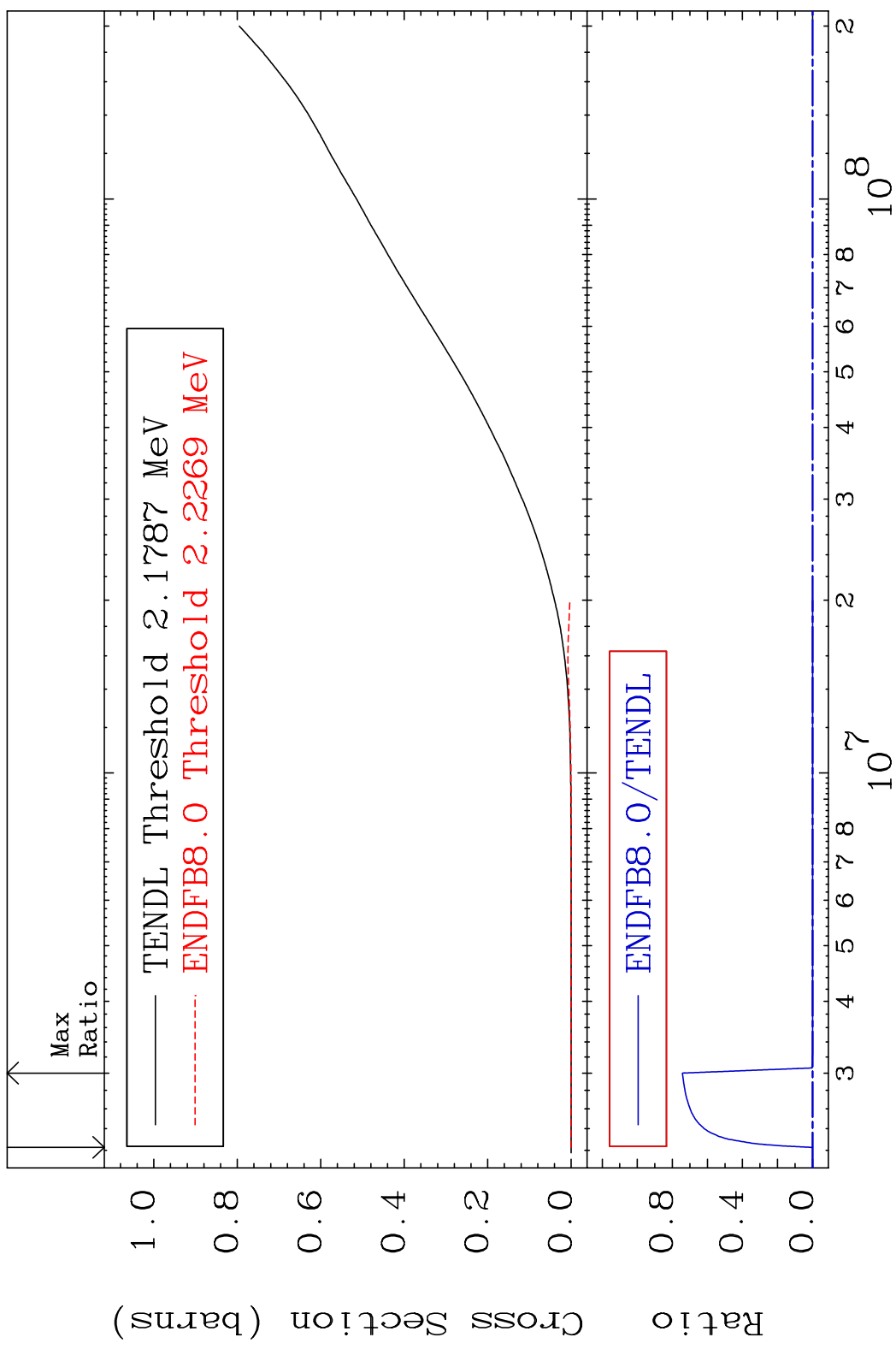
17

Incident Energy (eV)

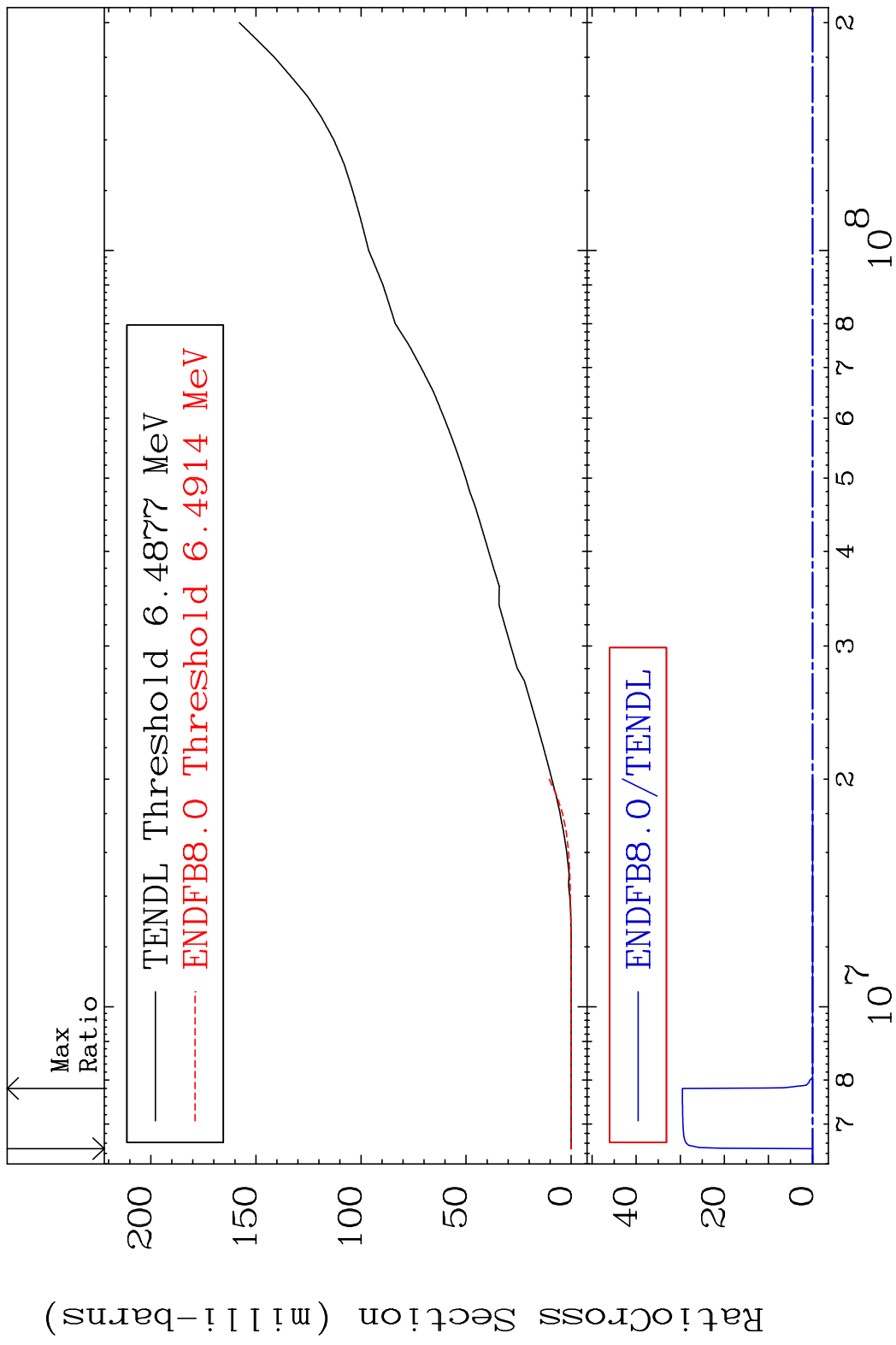
54-Xe-130

MAT 5443

Hydrogen Production 54-Xe-130
Cross Section -100.0 To 9999. %

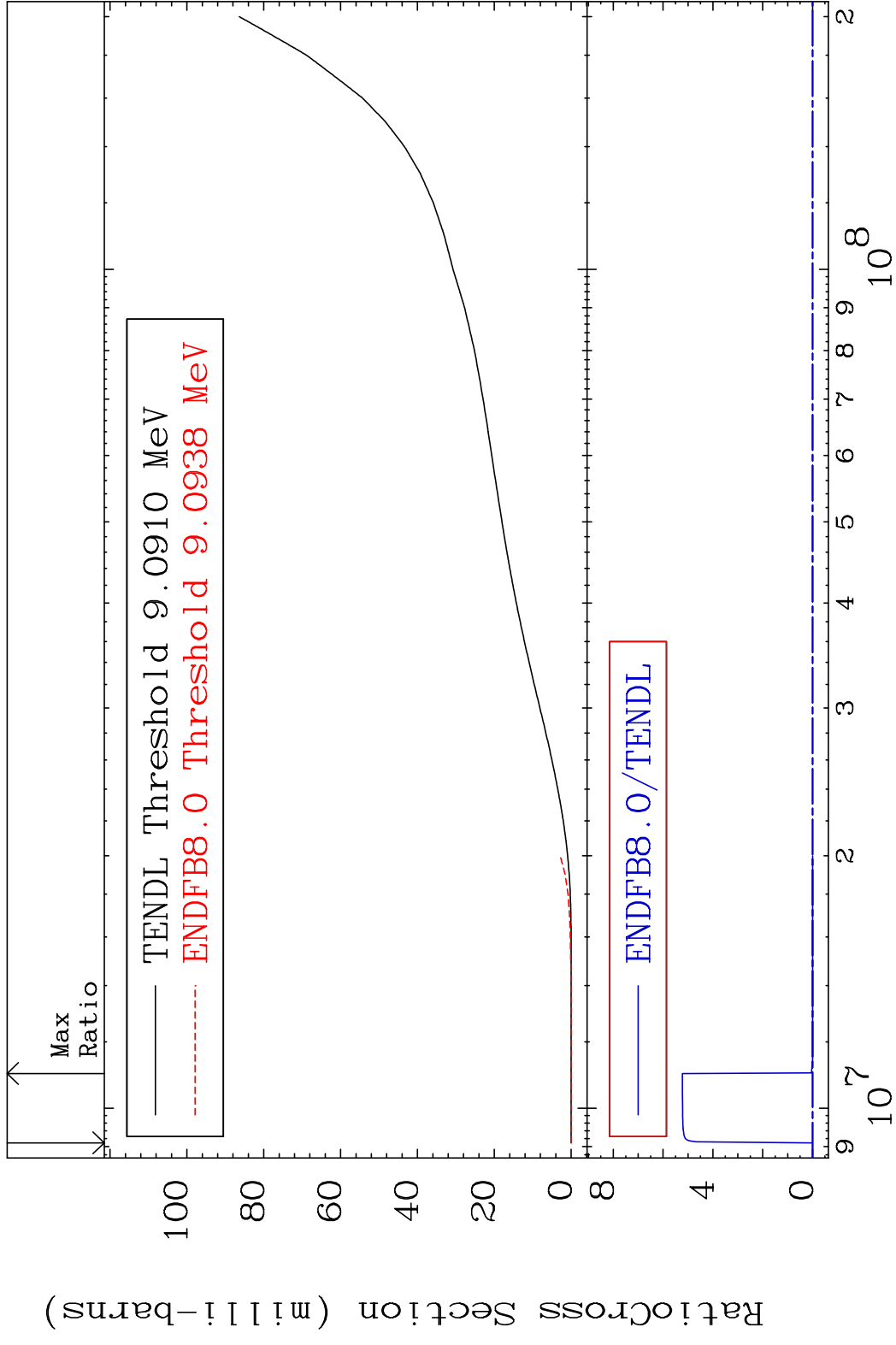


MAT 5443 Deuterium Production 54-Xe-130
 Cross Section -100.0 To 9999. %



19 54-Xe-130

MAT 5443 Tritium Production 54-Xe-130
 Cross Section -100.0 To 9999. %



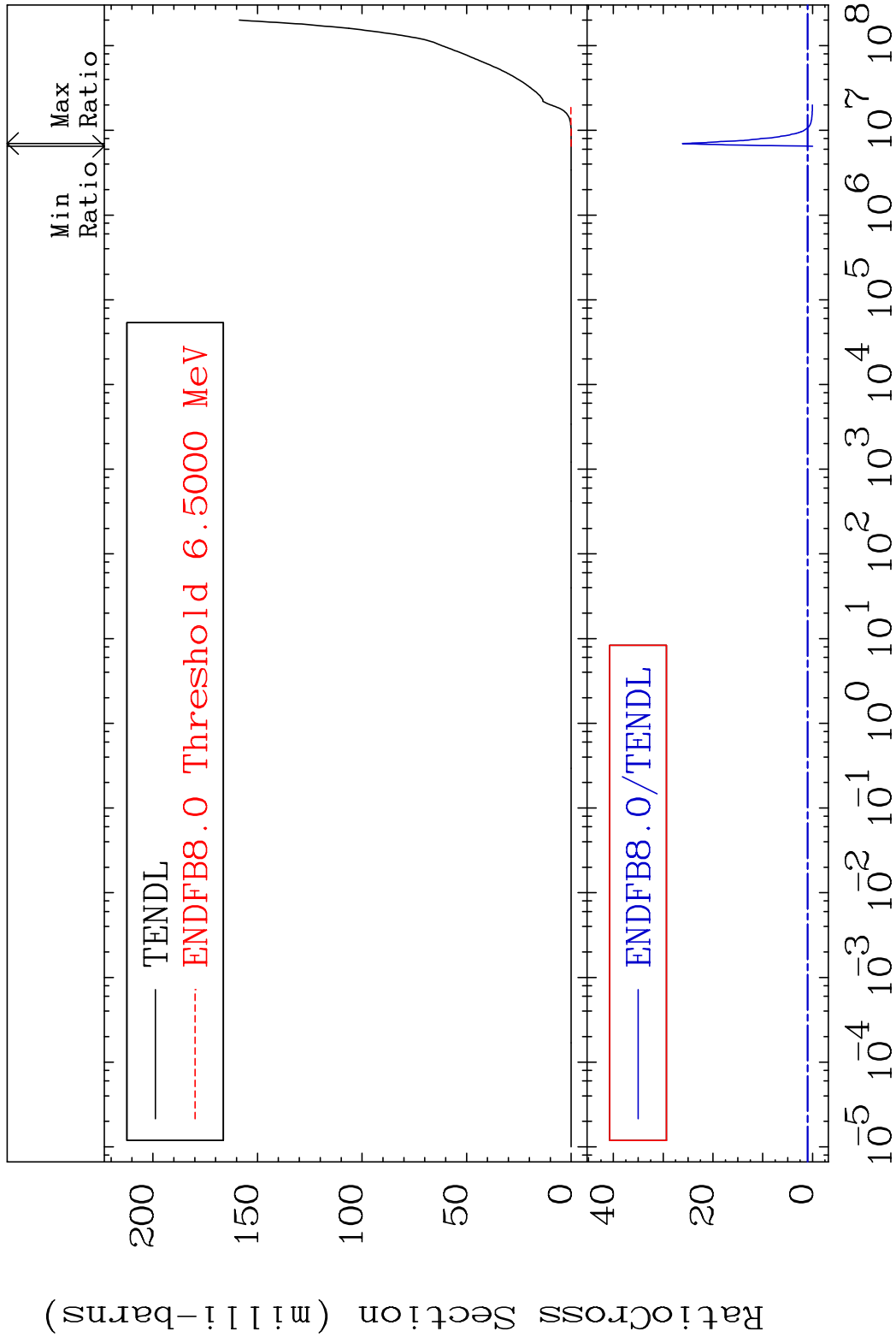
20 9 10⁷ 2 54-Xe-130

MAT 5443

He-4 Production

54-Xe-130

Cross Section -100.0 To 2515. %

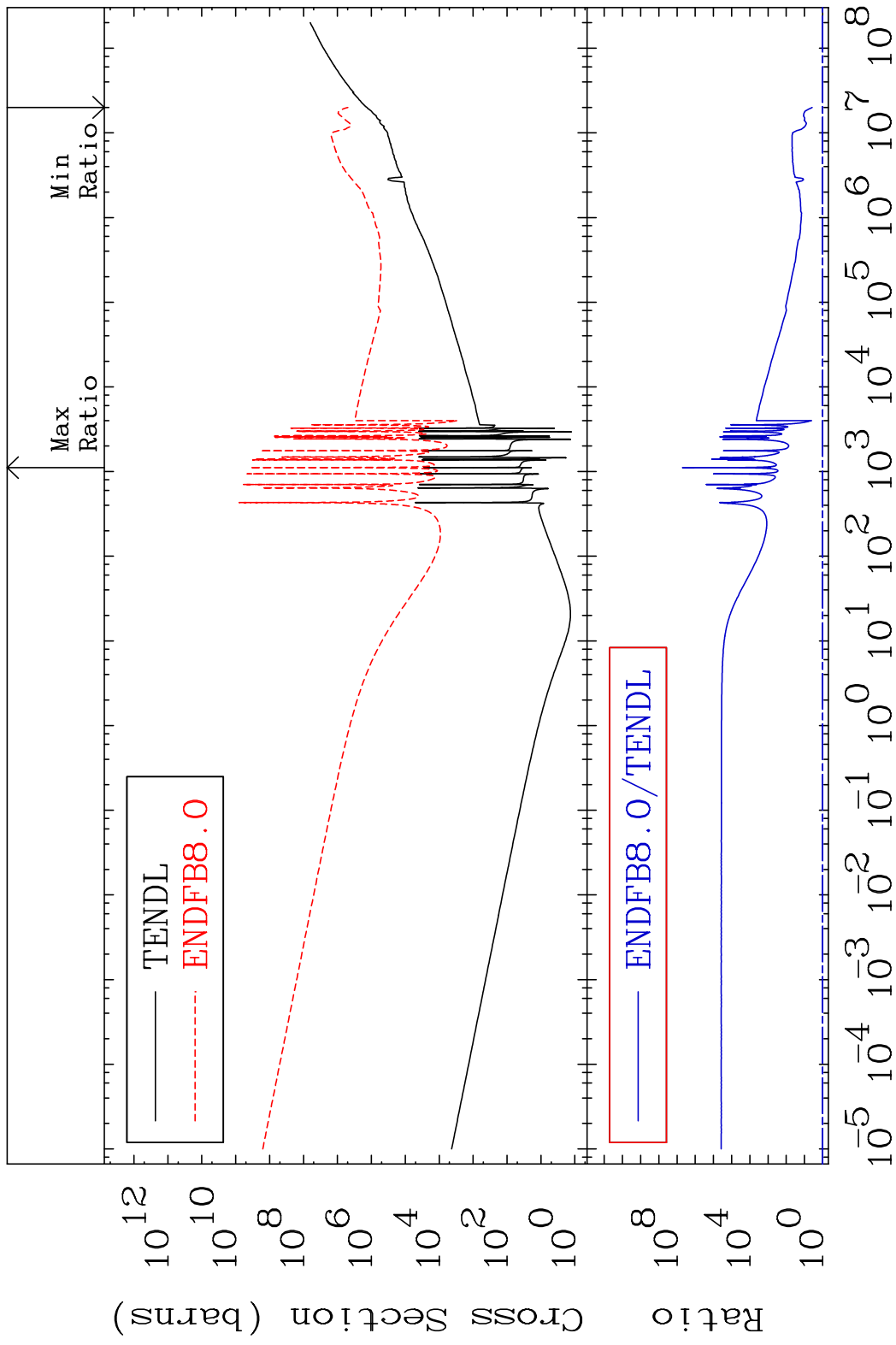


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Incident Energy (eV)

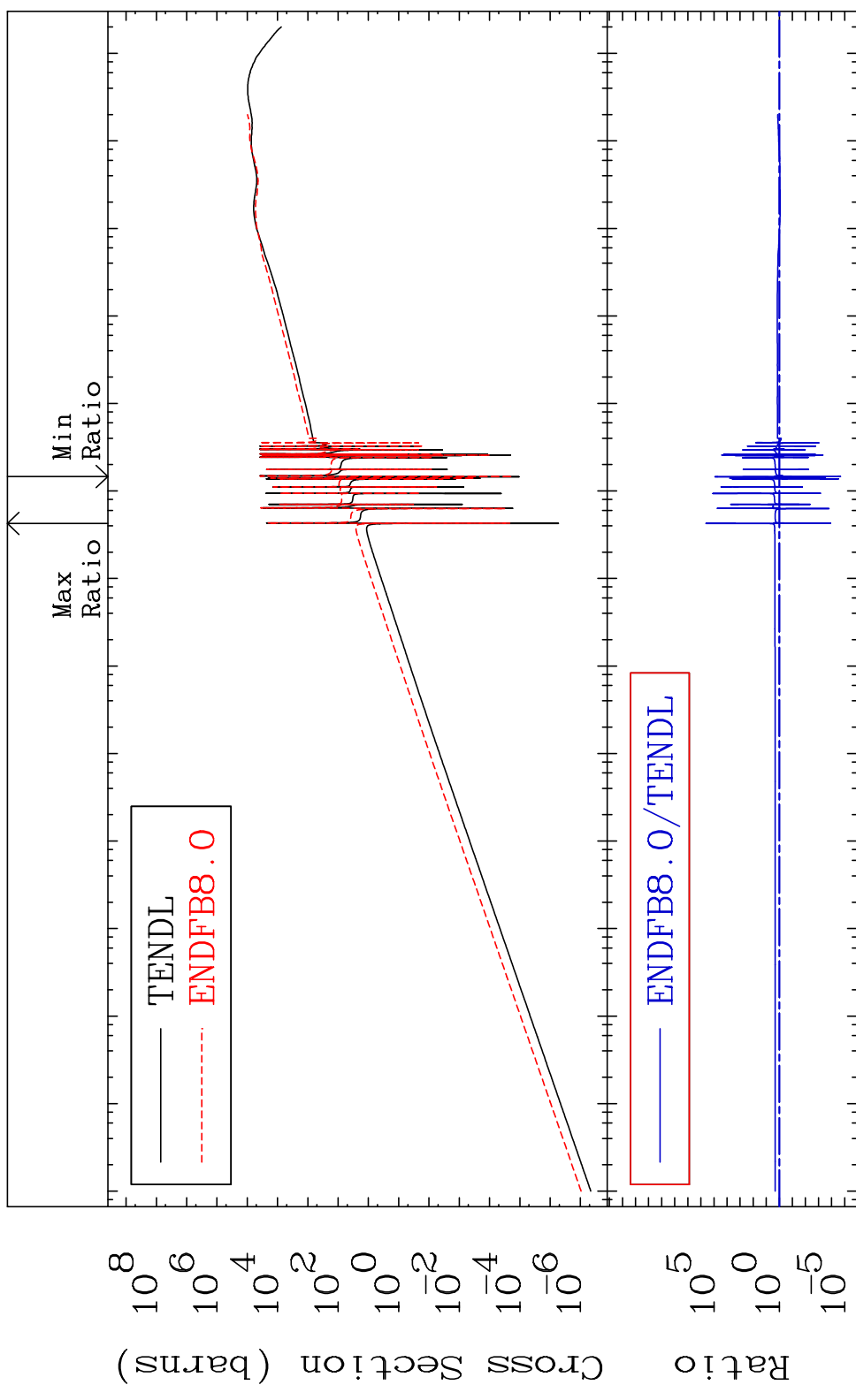
54-Xe-130

MAT 5443 Kerma total (eV-barns) 54-Xe-130
 Cross Section 259.2 To 9999. %

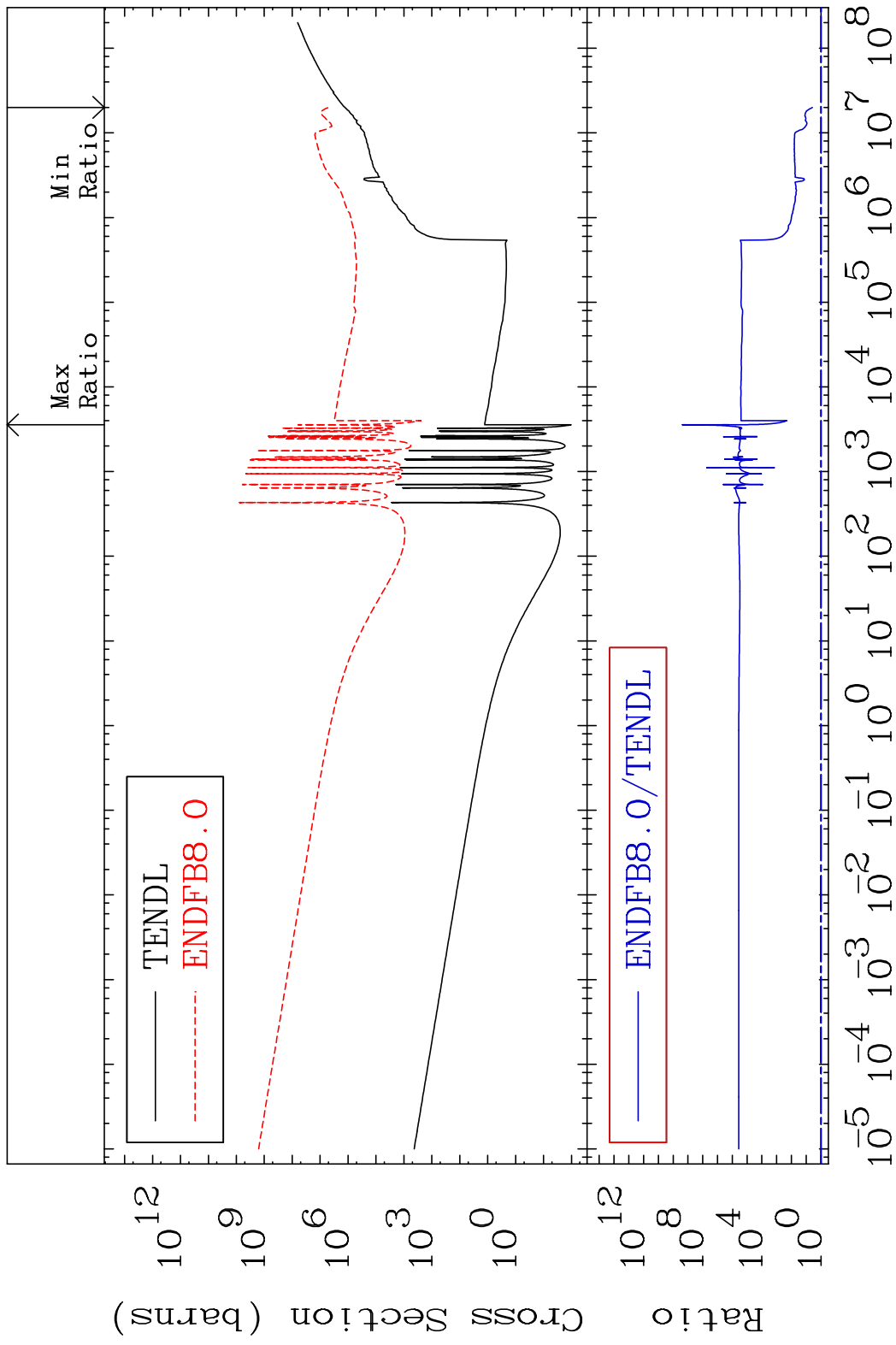


MAT 5443

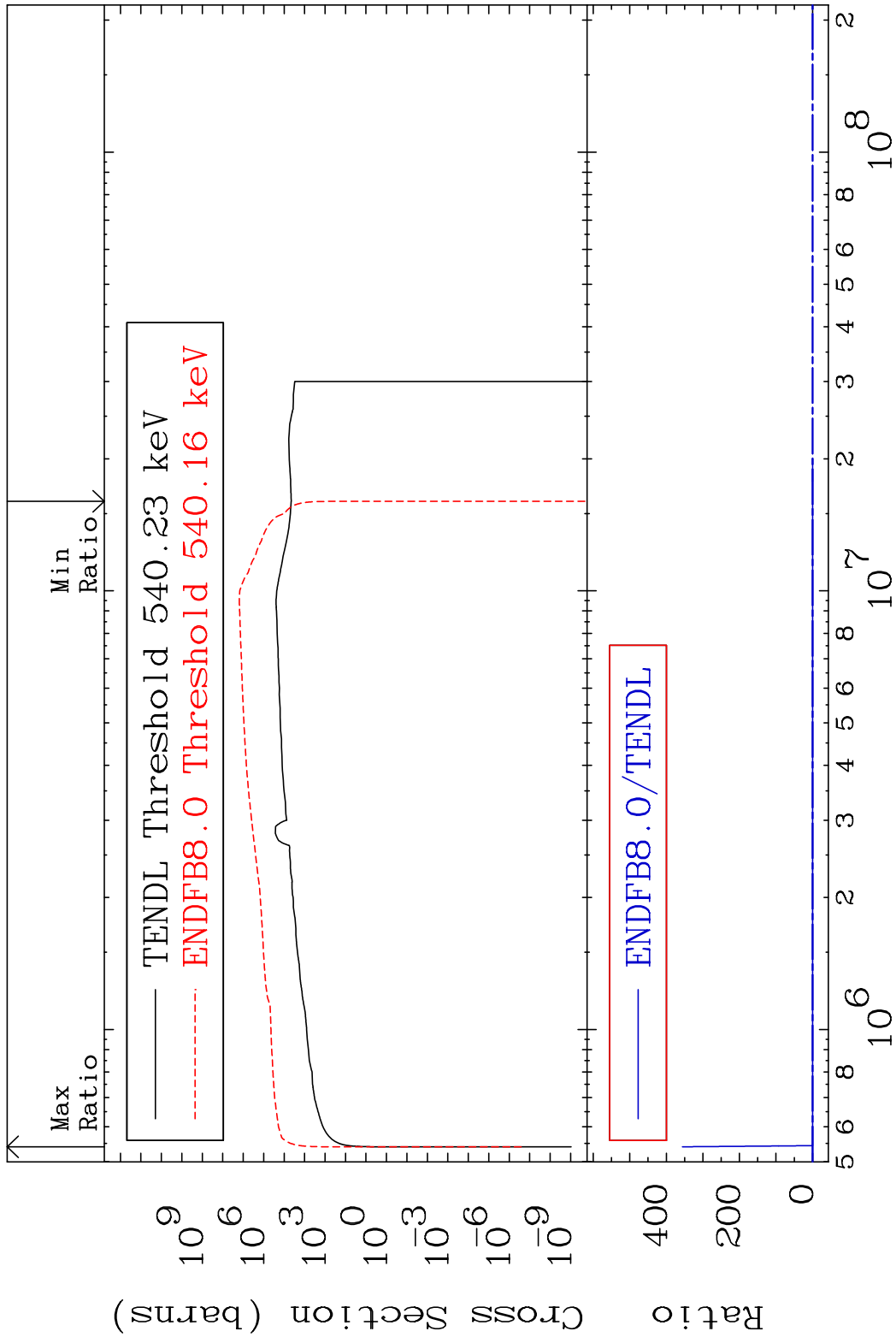
Kerma elastic
Cross Section -100.0 To 9999. %
54-Xe-130



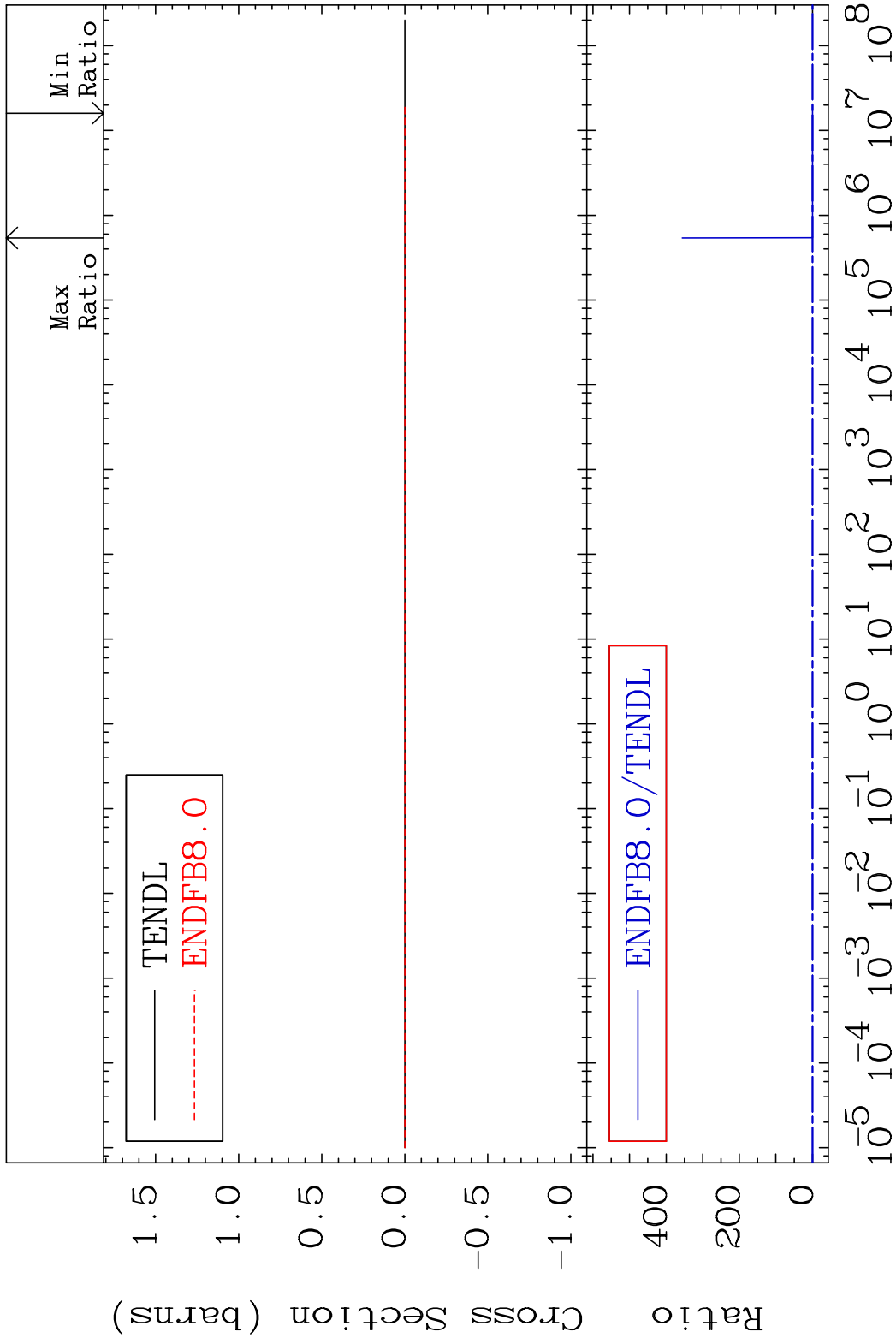
MAT 5443 Kerma non-elastic (all but mt2) 54-Xe-130
 Cross Section 272.0 To 9999. %



MAT 5443 Kerma inelastic (mt51-91) 54-Xe-130
 Cross Section -100.0 To 9999. %

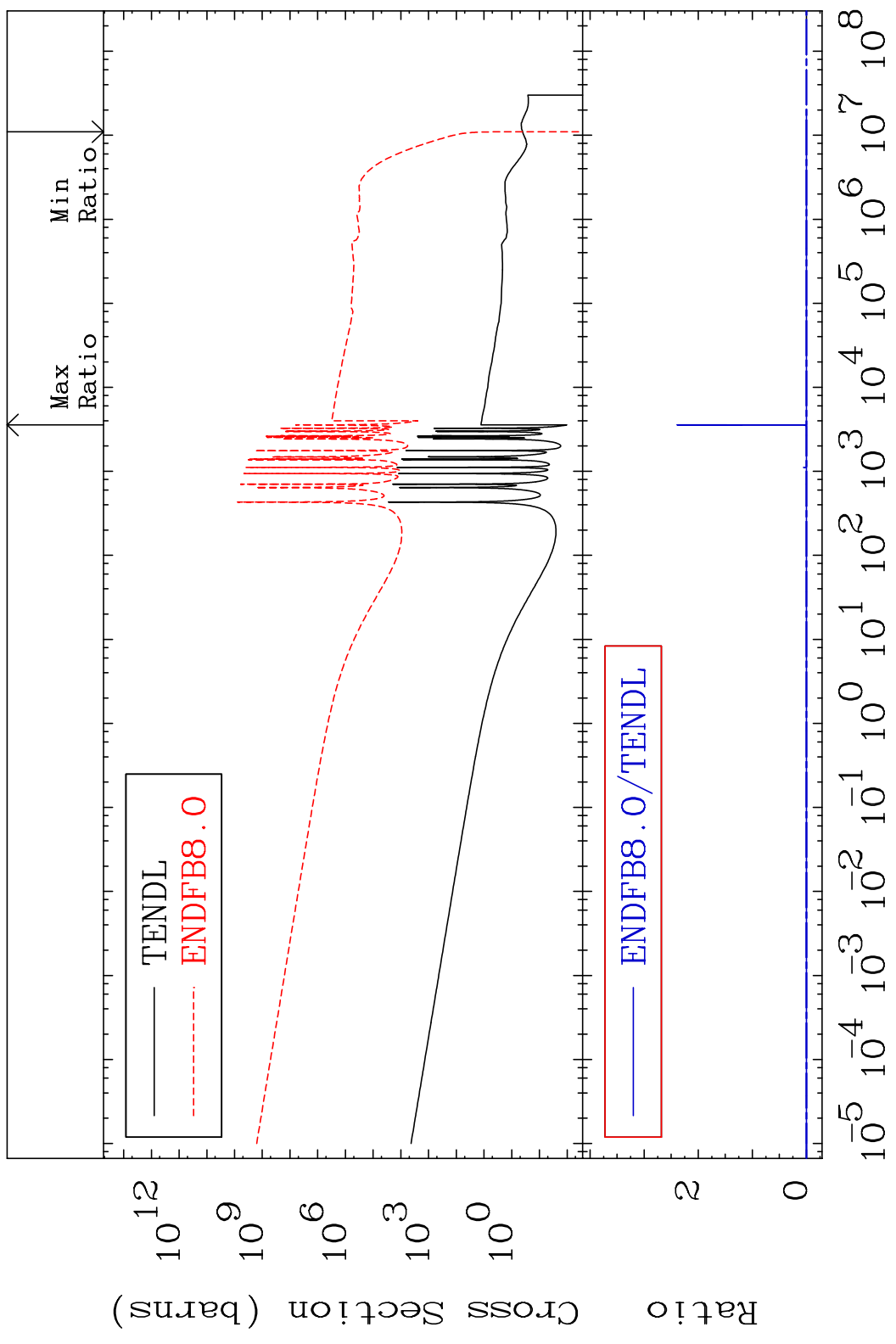


MAT 5443 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-130
 Cross Section -100.0 To 9999. %



MAT 5443

Kerma capture (mt102) 54-Xe-130
Cross Section -100.0 To 9999. %

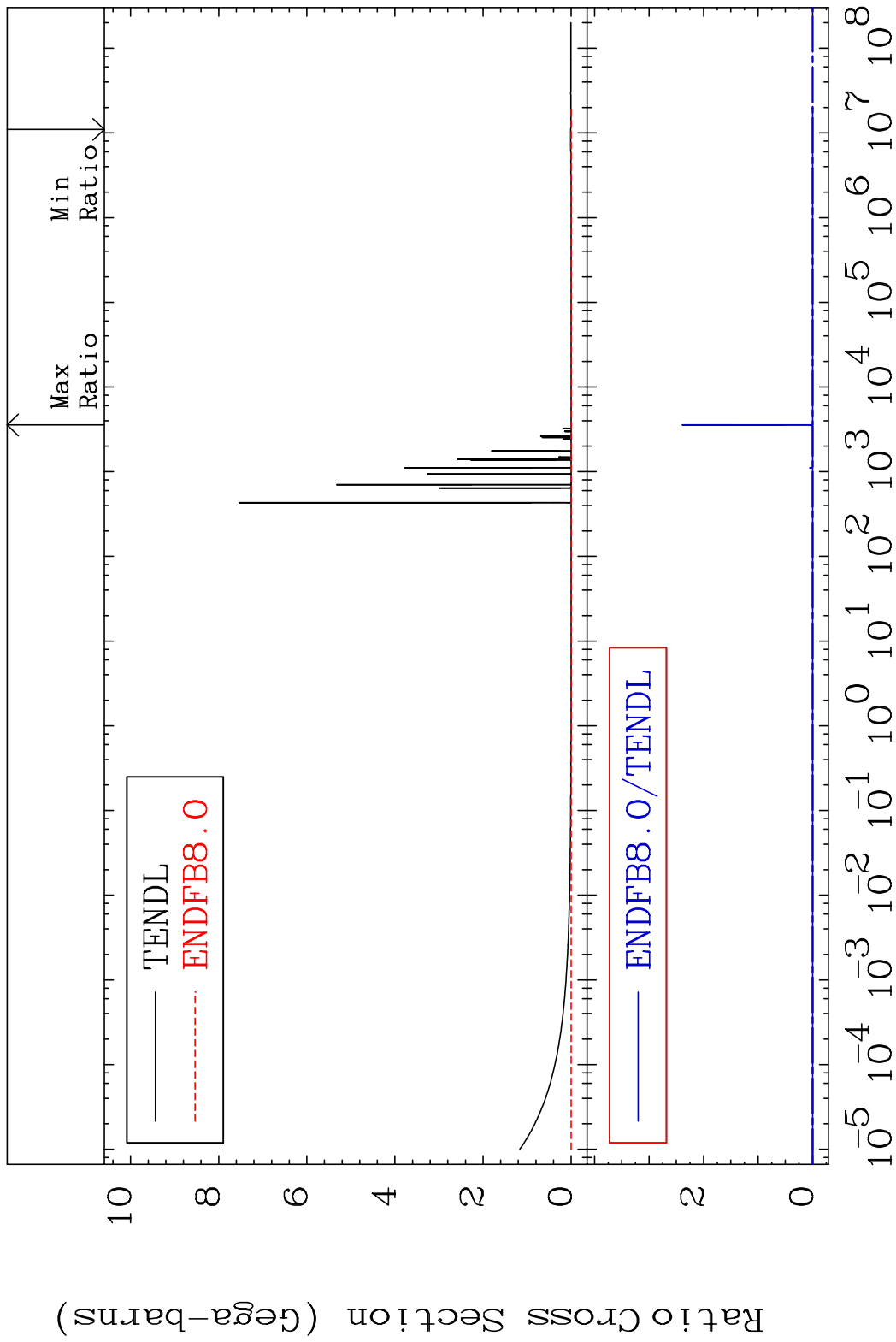


27

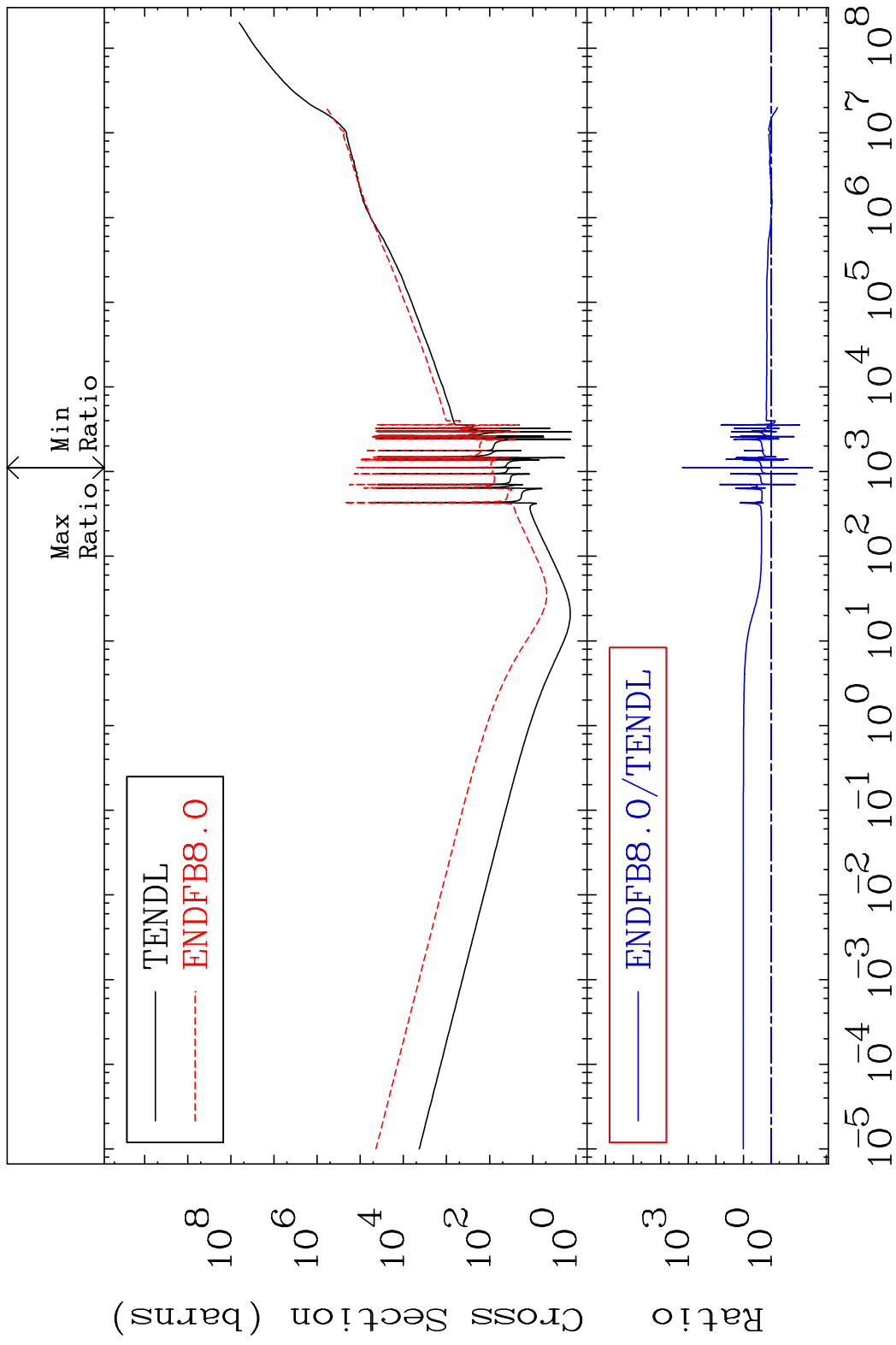
Incident Energy (eV)

54-Xe-130

MAT 5443 Total photon (eV-barns) 54-Xe-130
 Cross Section -100.0 To 9999. %



MAT 5443 Total kinematic kerma (high limit) 54-Xe-130
 Cross Section -96.87 To 9999. %

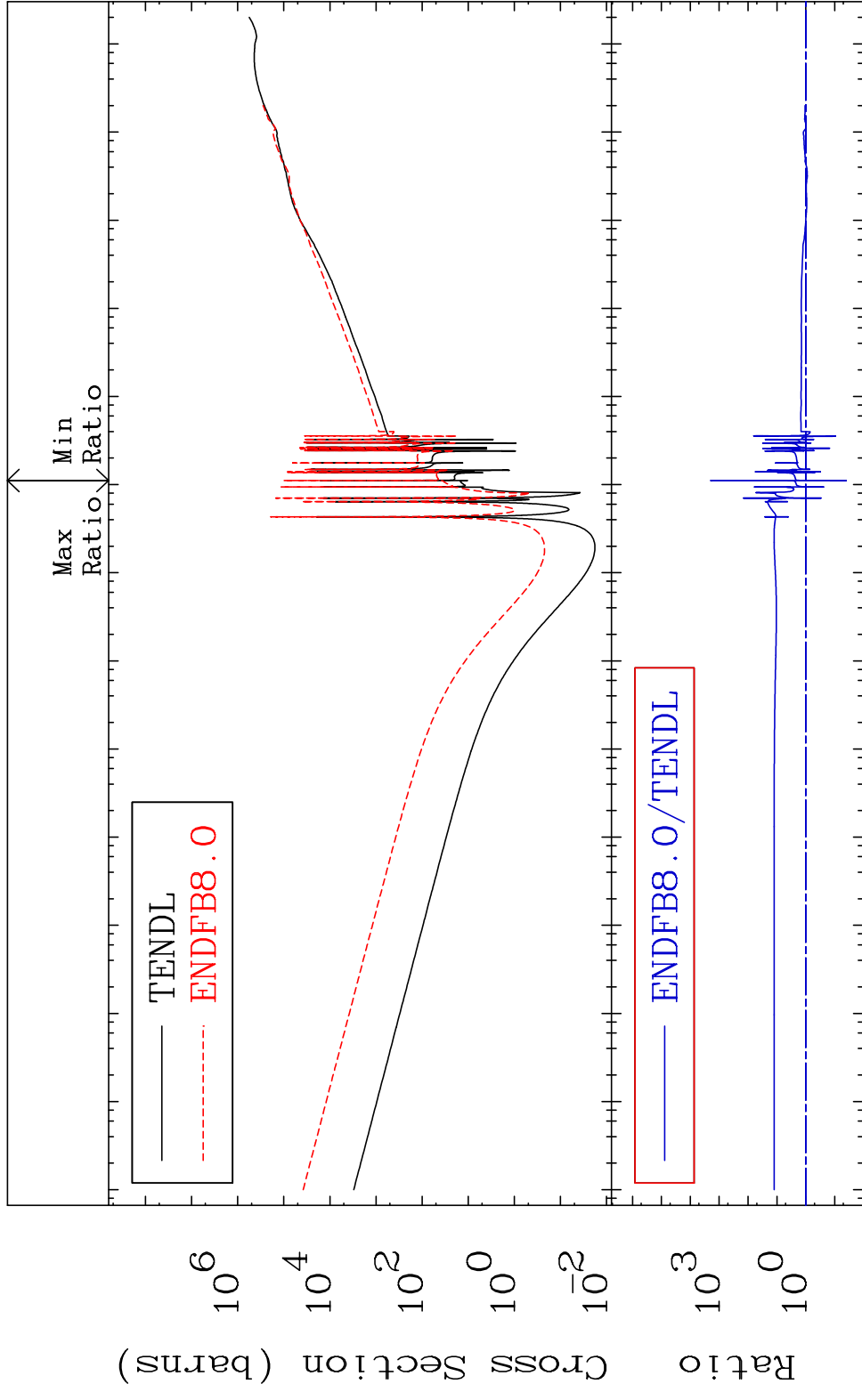


MAT 5443

Dpa total (eV-barns)

54-Xe-130

Cross Section -96.05 To 9999. %



30

Incident Energy (eV)

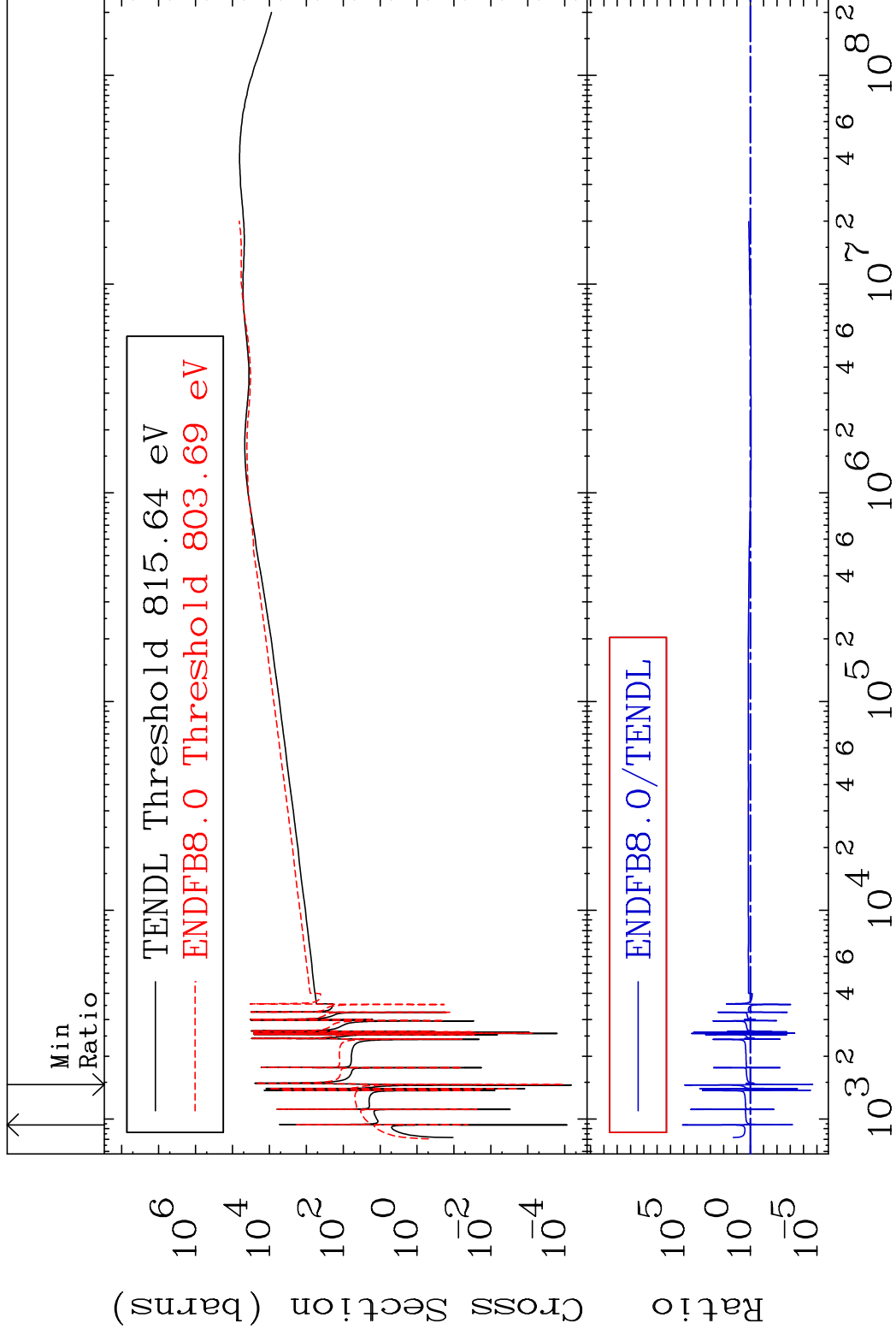
54-Xe-130

MAT 5443

Dpa elastic (mt2)

54-Xe-130

Cross Section -100.0 To 9999. %

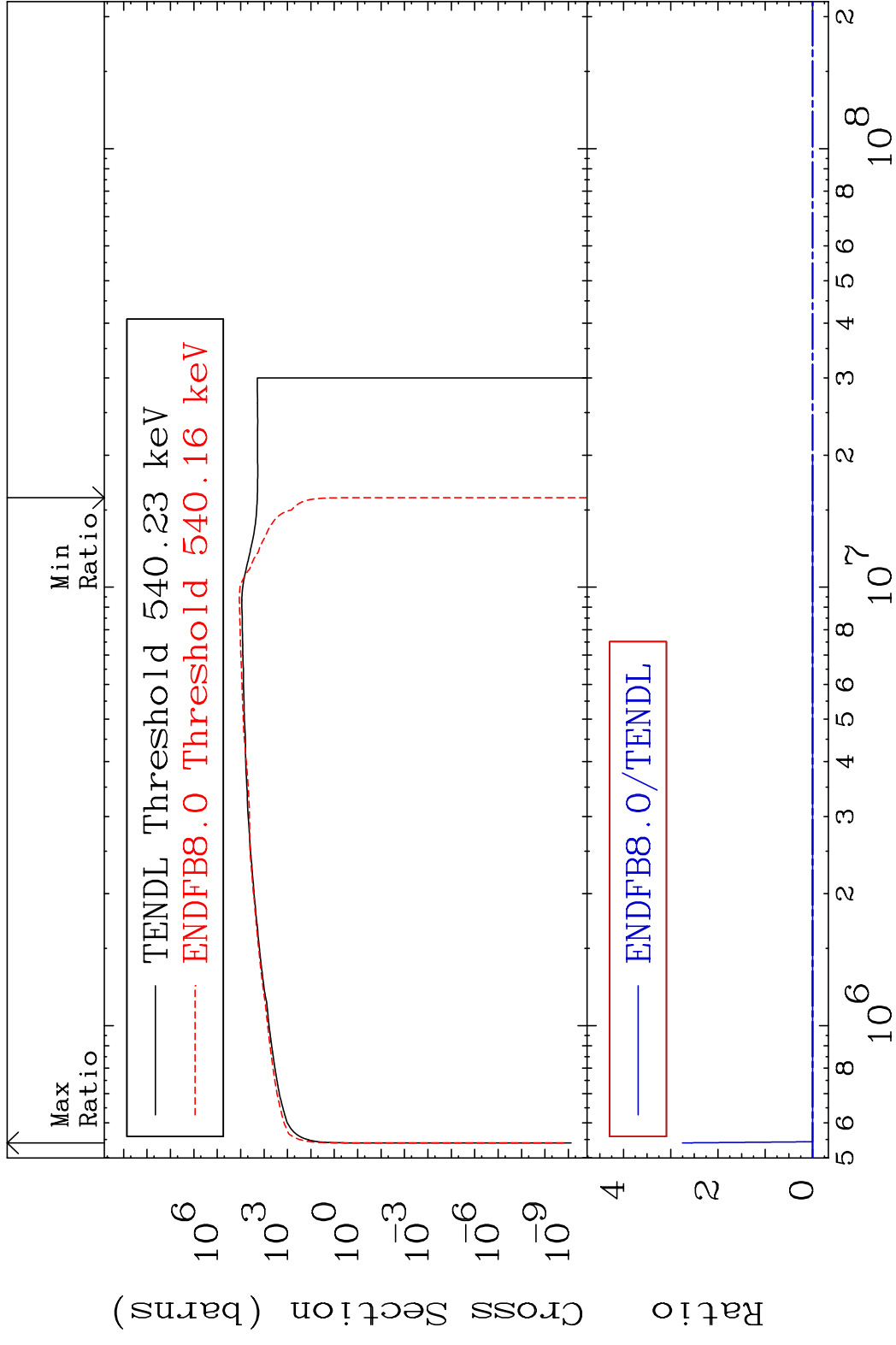


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Incident Energy (eV)

54-Xe-130

MAT 5443 Dpa inelastic (mt51-91) 54-Xe-130
 Cross Section -100.0 To 9999. %



MAT 5443 Dpa disappearance (mt102 -120) 54-Xe-130
 Cross Section -99.20 To 9999. %

