

Program Complot
(Version 2018-1)

by

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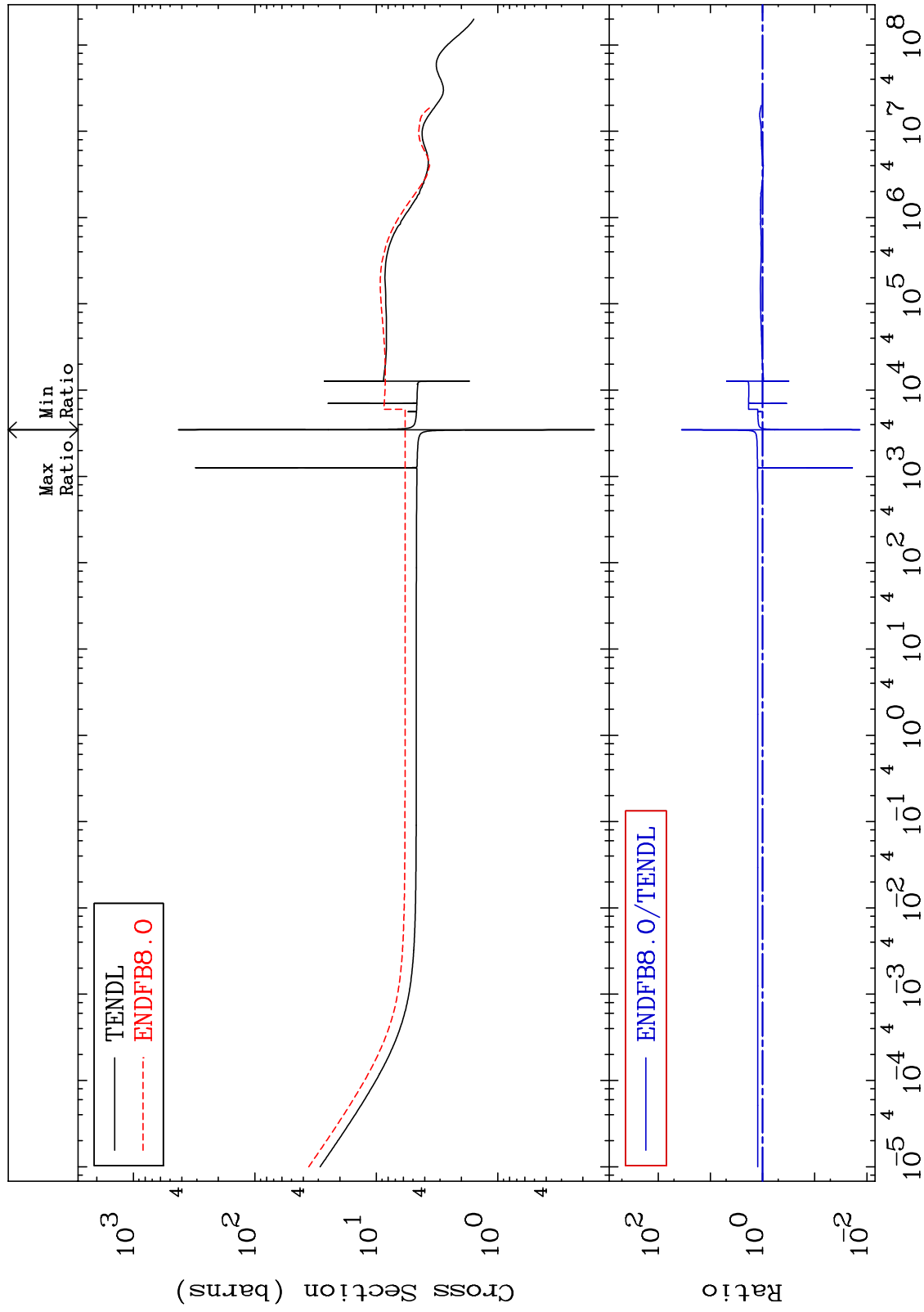
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3843

Total
Cross Section

38-Sr-90
-98.63 To 3497. %



1

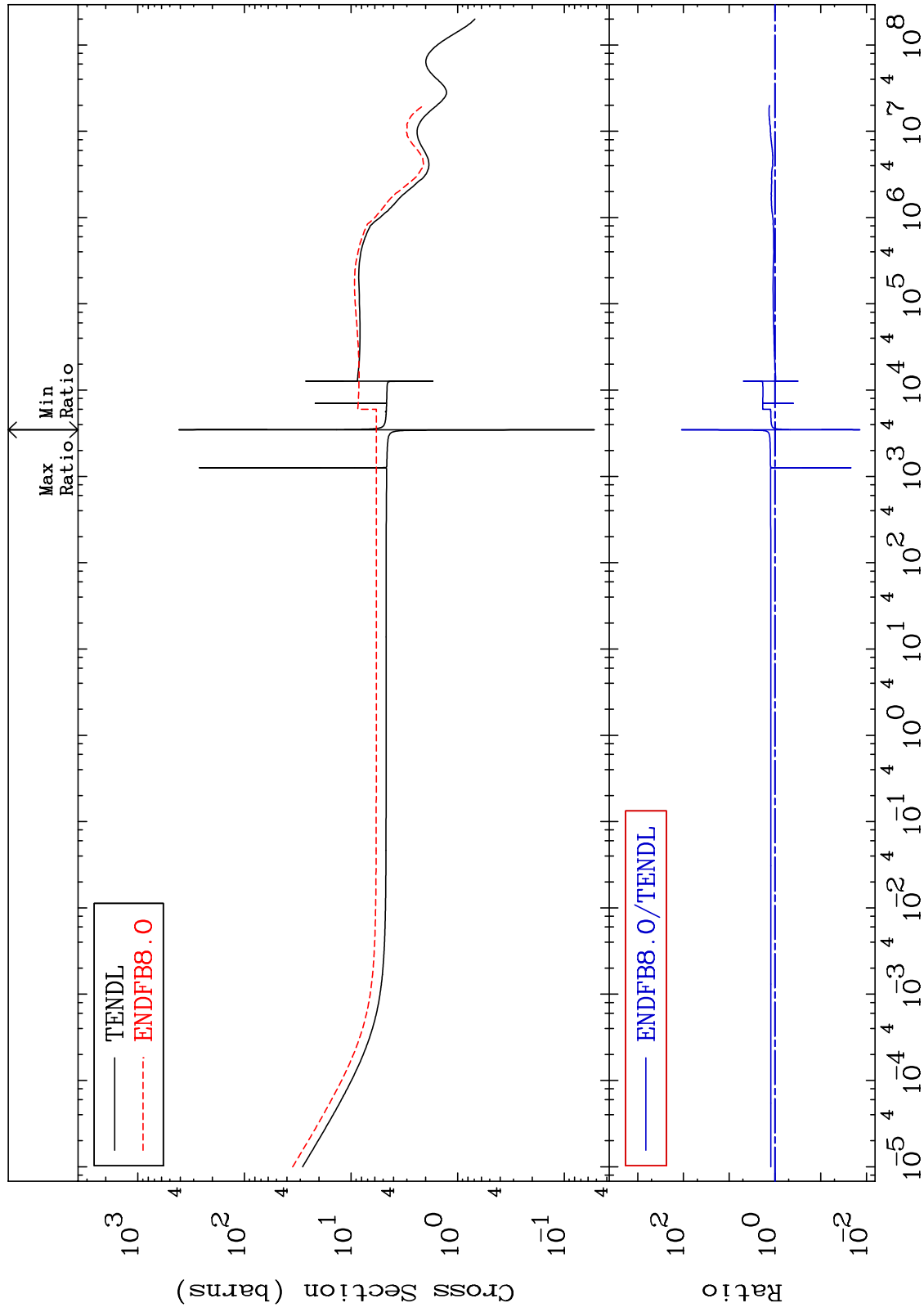
Incident Energy (eV)

38-Sr-90

MAT 3843

Elastic
Cross Section

38-Sr-90
-98.60 To 9999. %

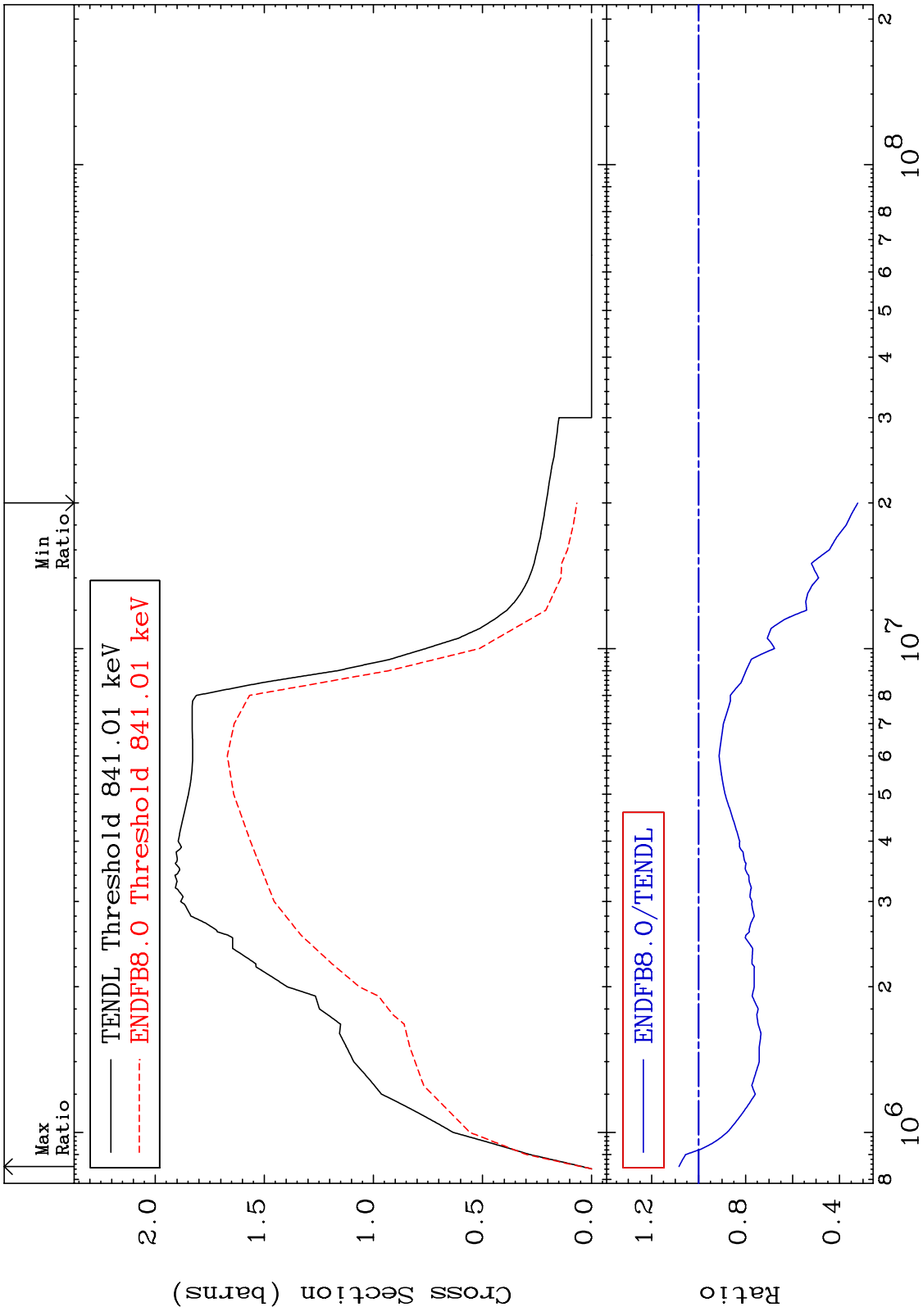


2

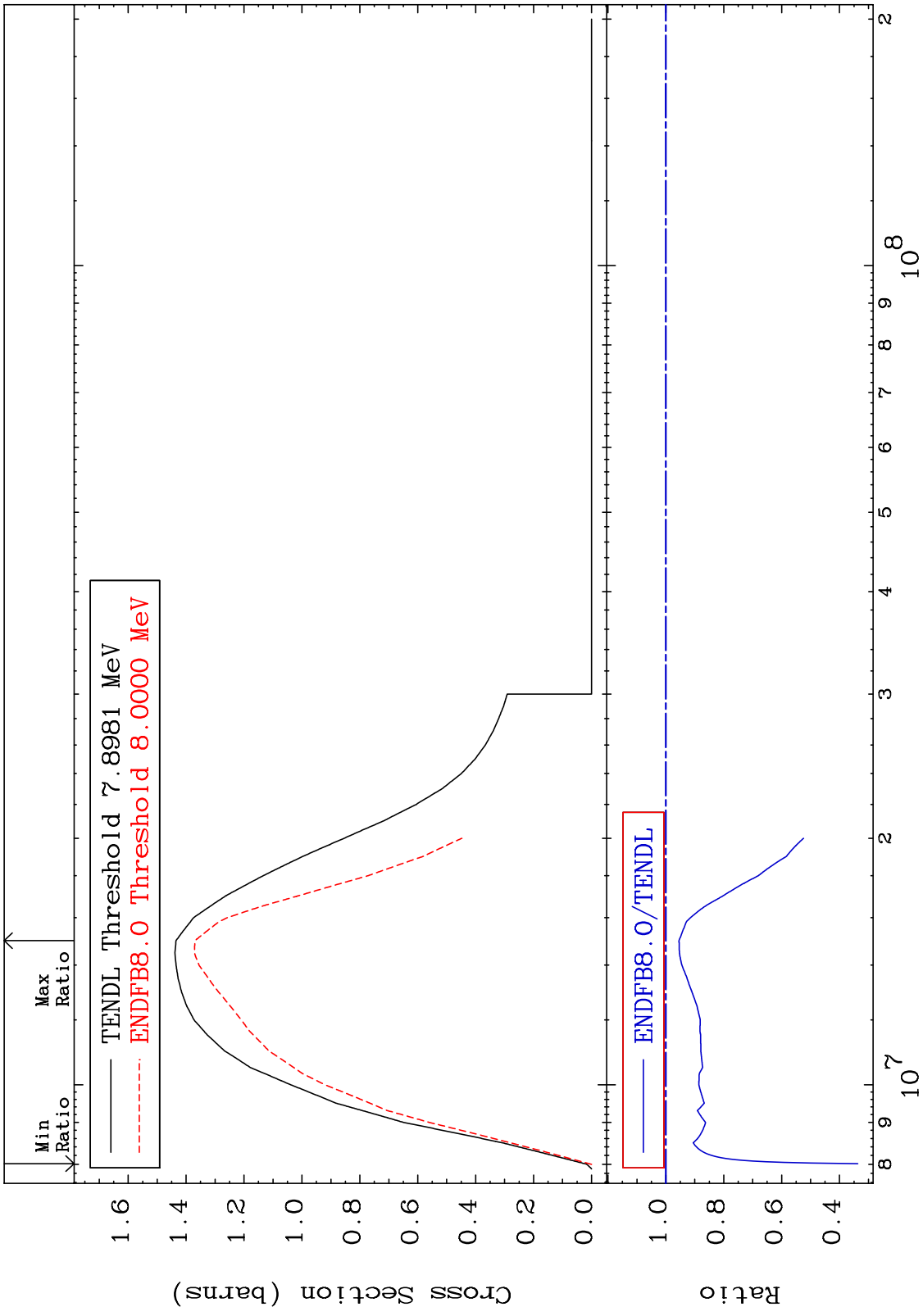
Incident Energy (eV)

38-Sr-90

MAT 3843 Inelastic Cross Section 38-Sr-90 -67.82 To 8.363 %



MAT 3843 $(n,2n)$ Cross Section ^{88}Sr -66.33 To -4.559%



4 Incident Energy (eV) ^{88}Sr

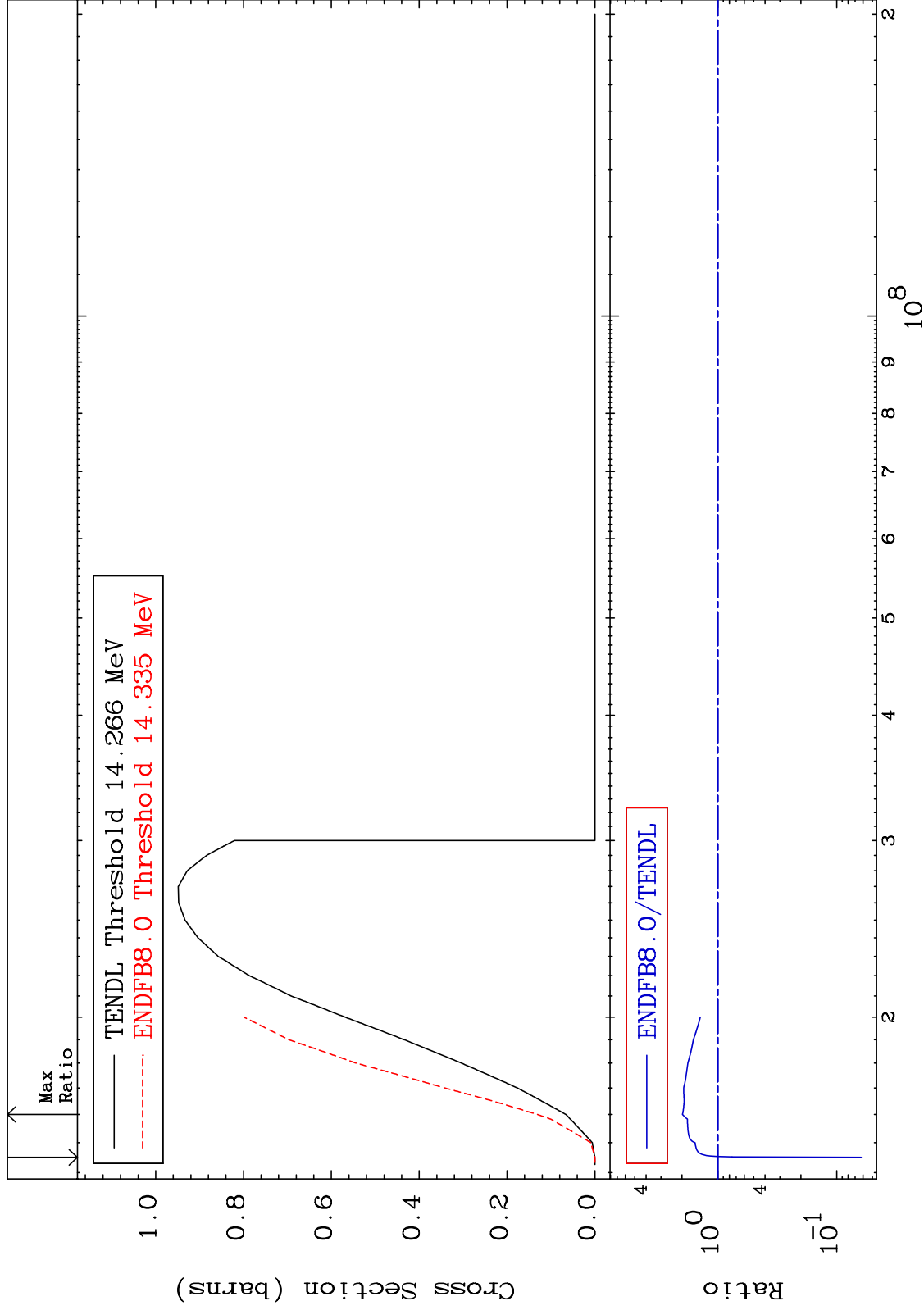
MAT 3843

(n,3n)

38-Sr-90

Cross Section

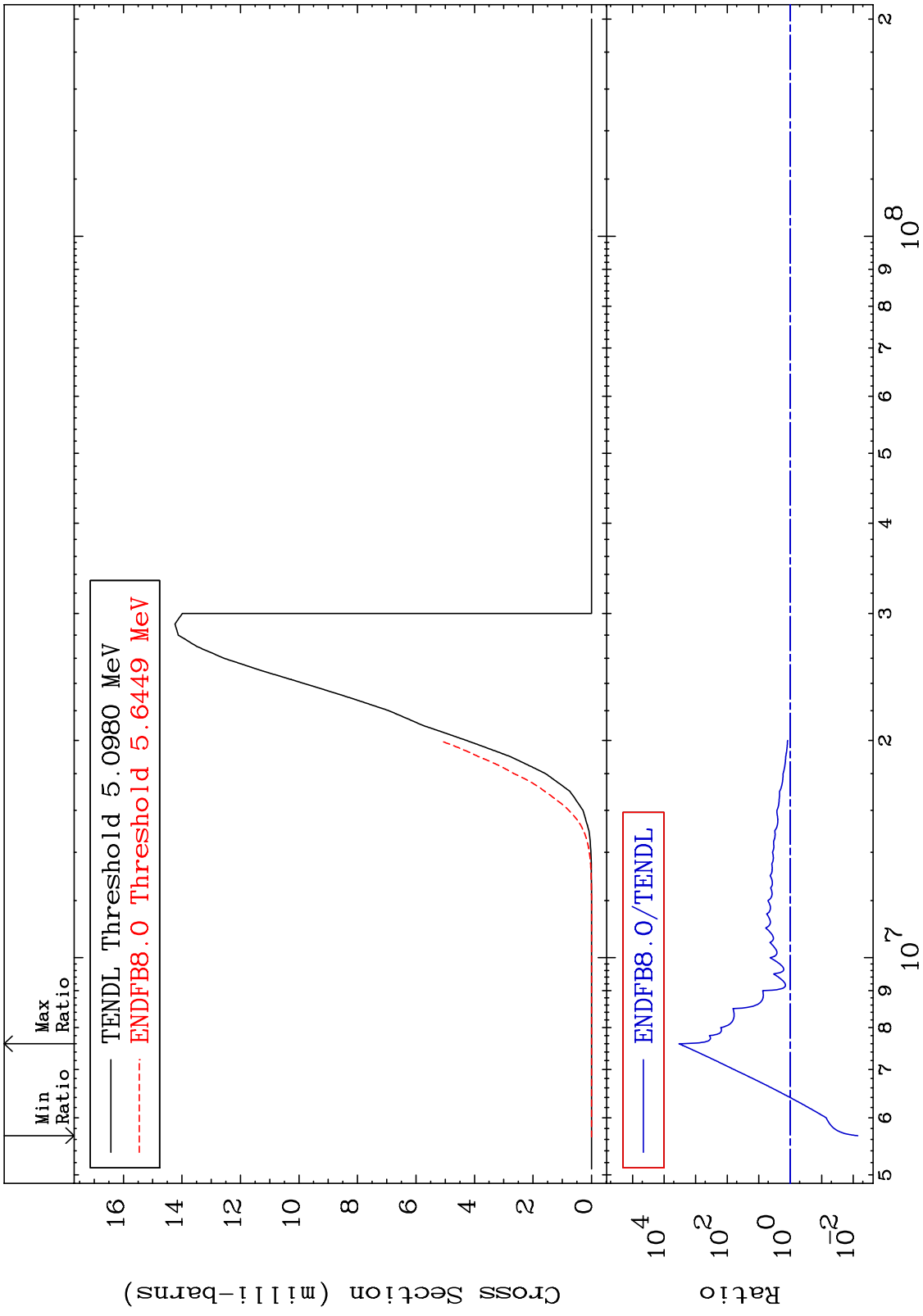
-93.79 To 98.20 %



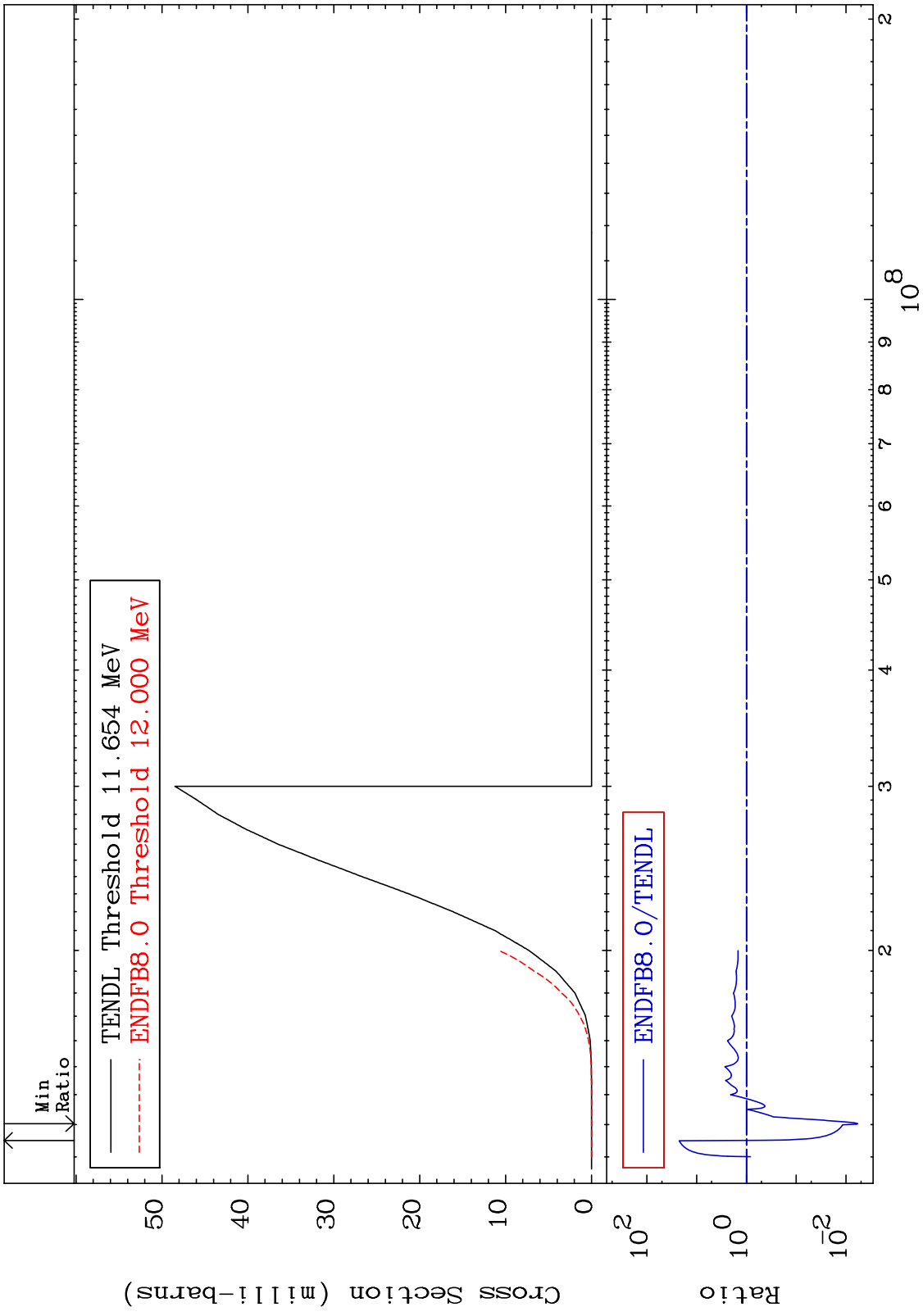
5

38-Sr-90

38-Sr-90



MAT 3843 (n,n') p 38-Sr-90
 Cross Section -99.42 To 2156. %



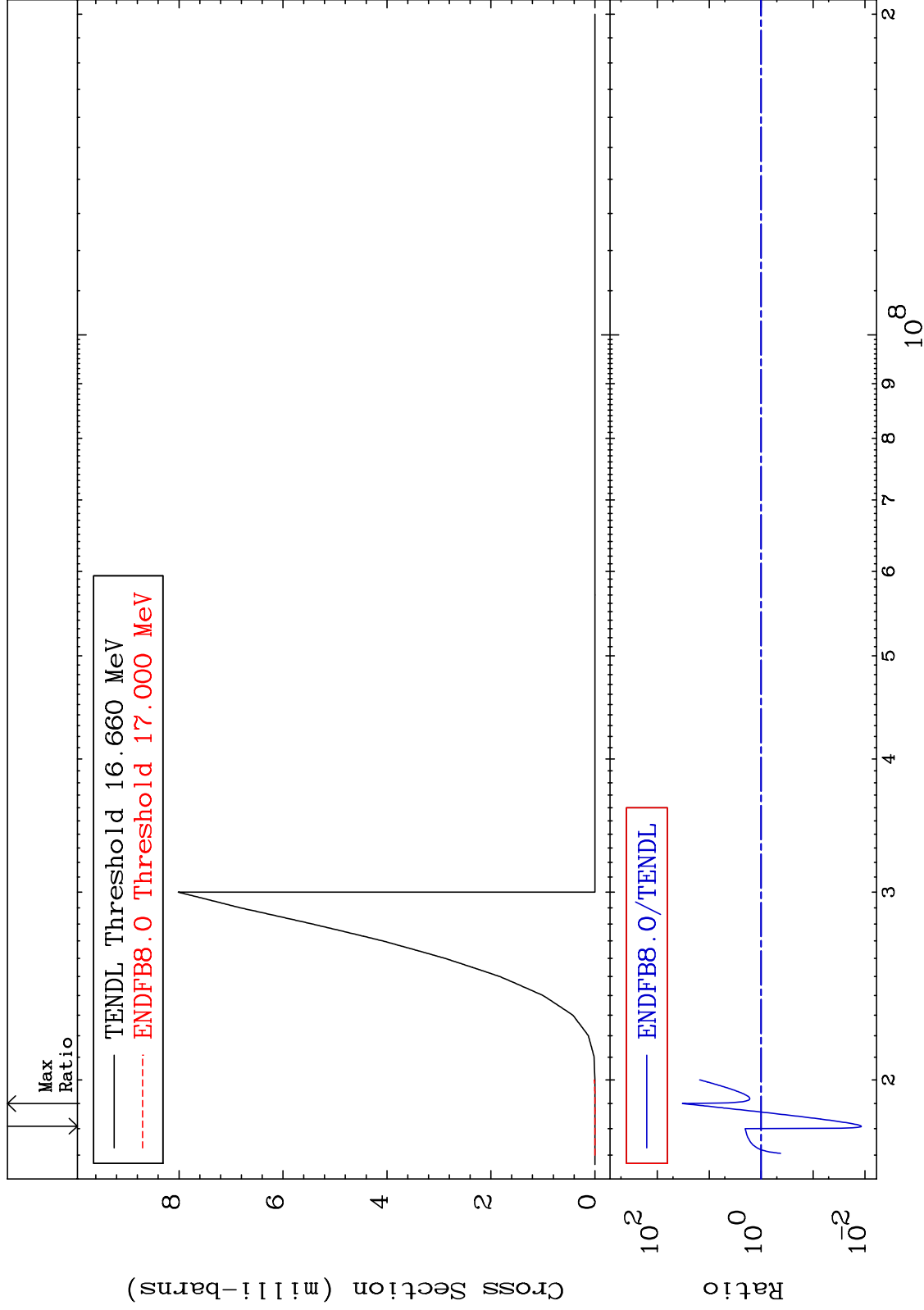
MAT 3843

(n,n') d

38-Sr-90

Cross Section

-98.82 To 3178. %

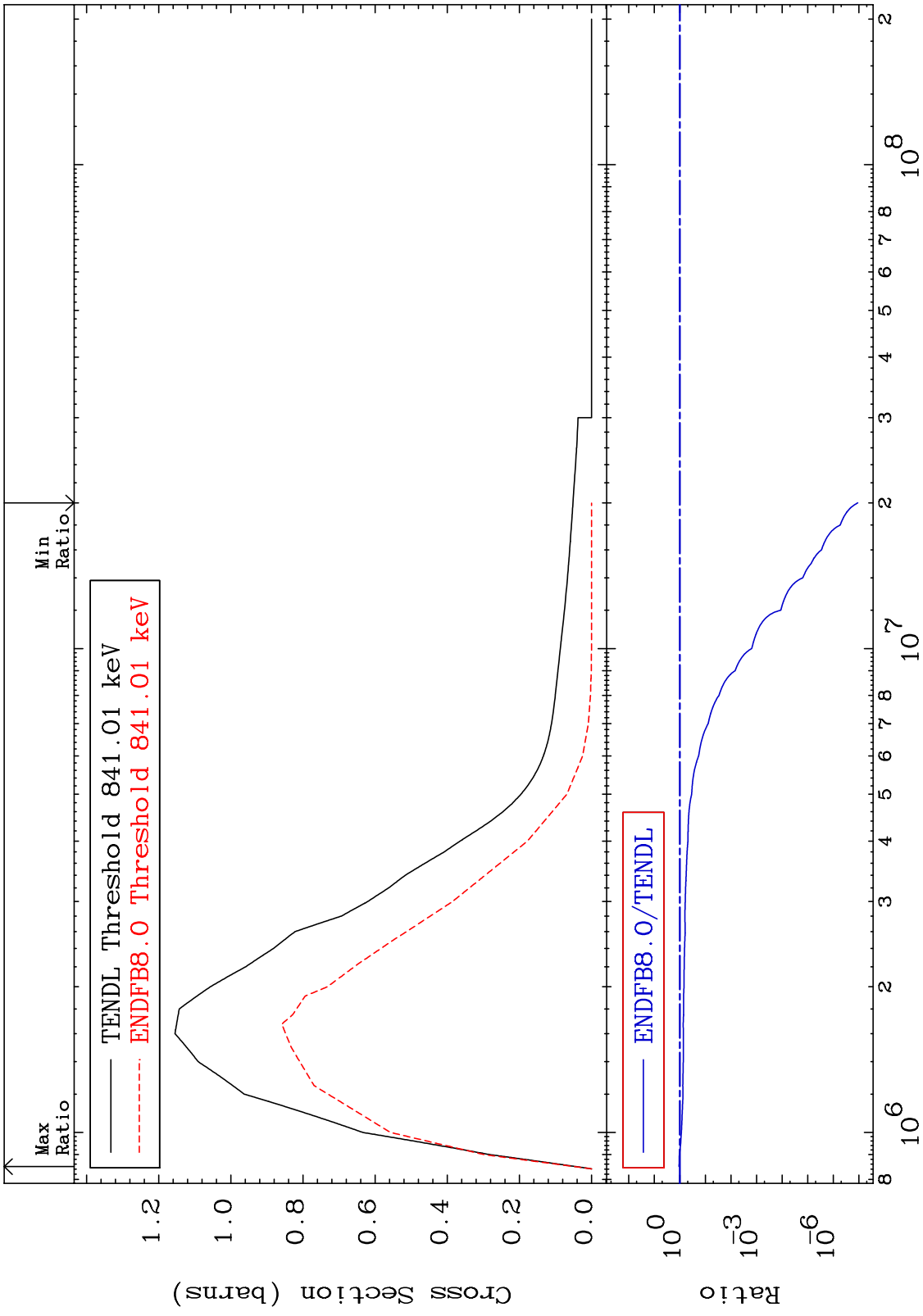


8

Incident Energy (eV)

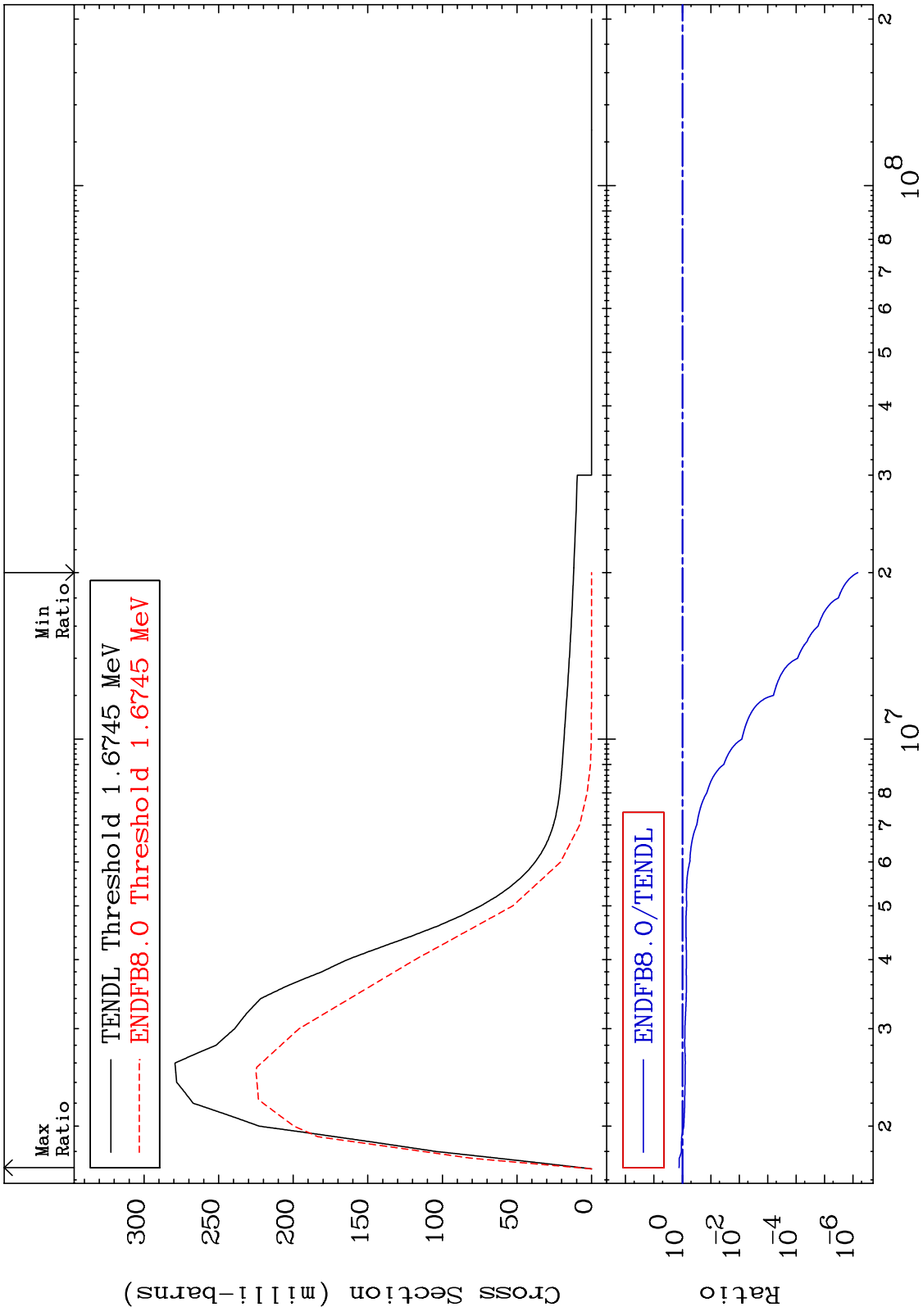
38-Sr-90

MAT 3843 MT= 51 (n,n') Level Cross Section 38-Sr-90
-100.0 To 8.363 %



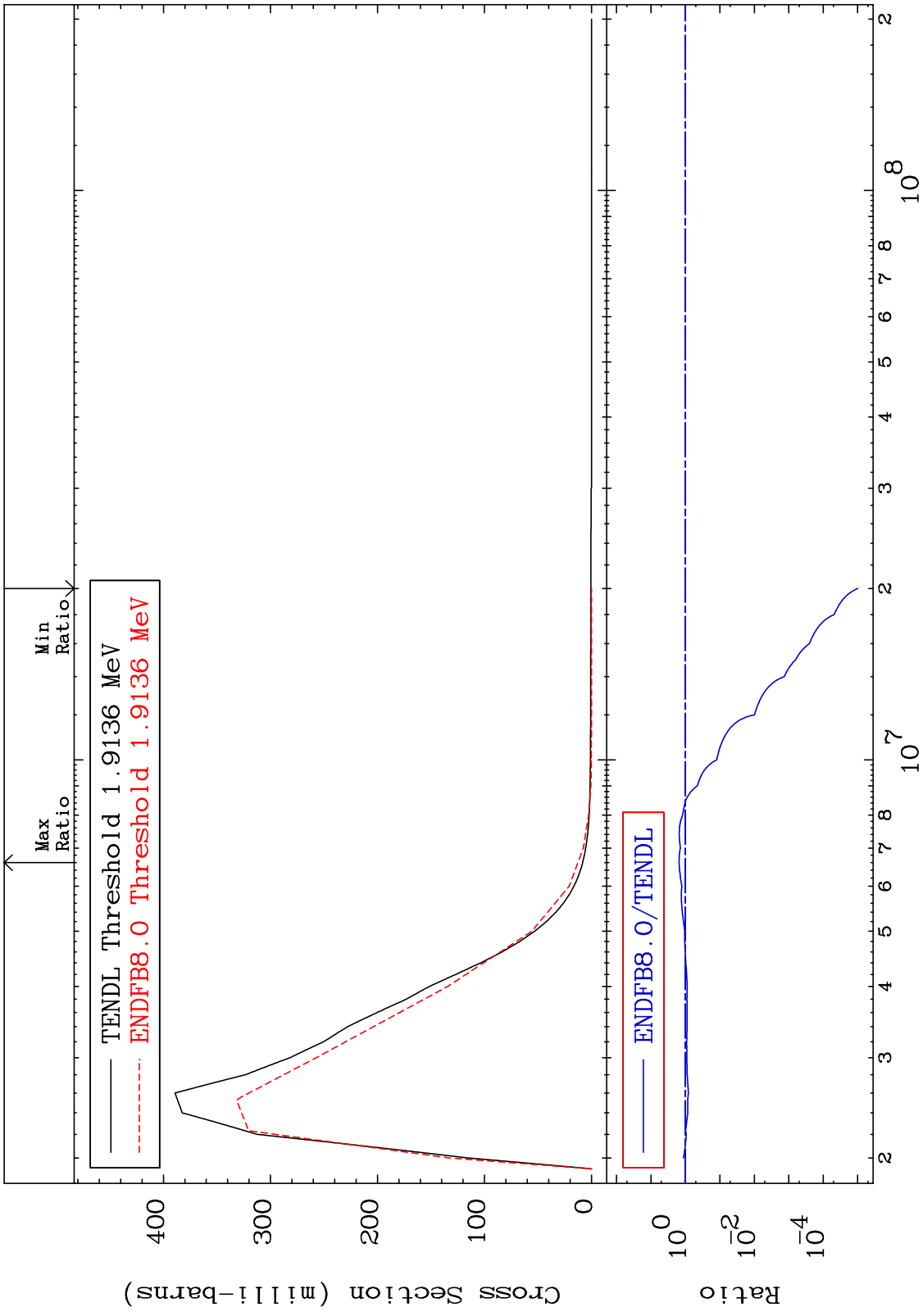
38-Sr-90

MAT 3843 MT= 52 (n,n') Level Cross Section 38-Sr-90
 -100.0 To 31.00 %

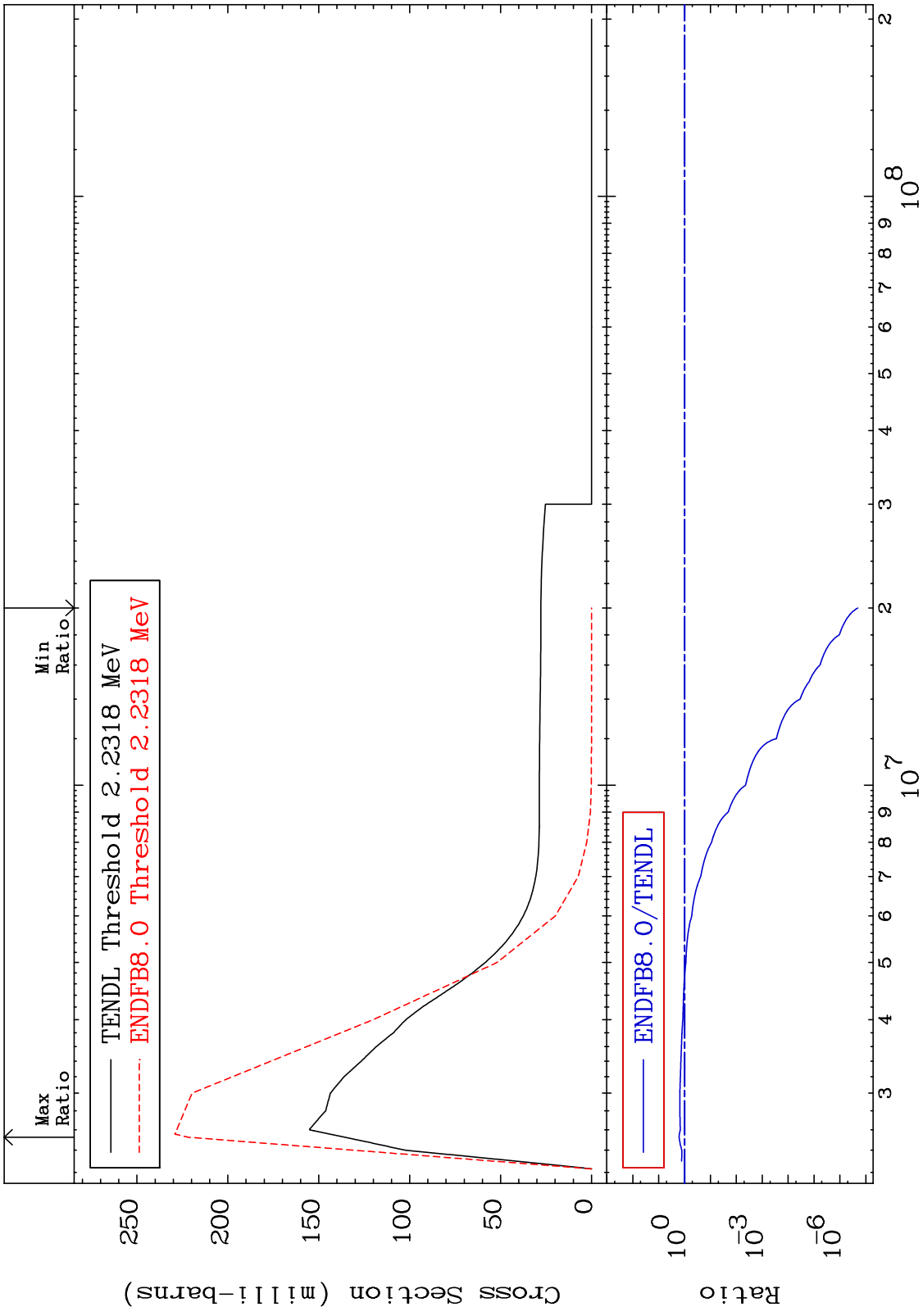


10 Incident Energy (eV) 38-Sr-90

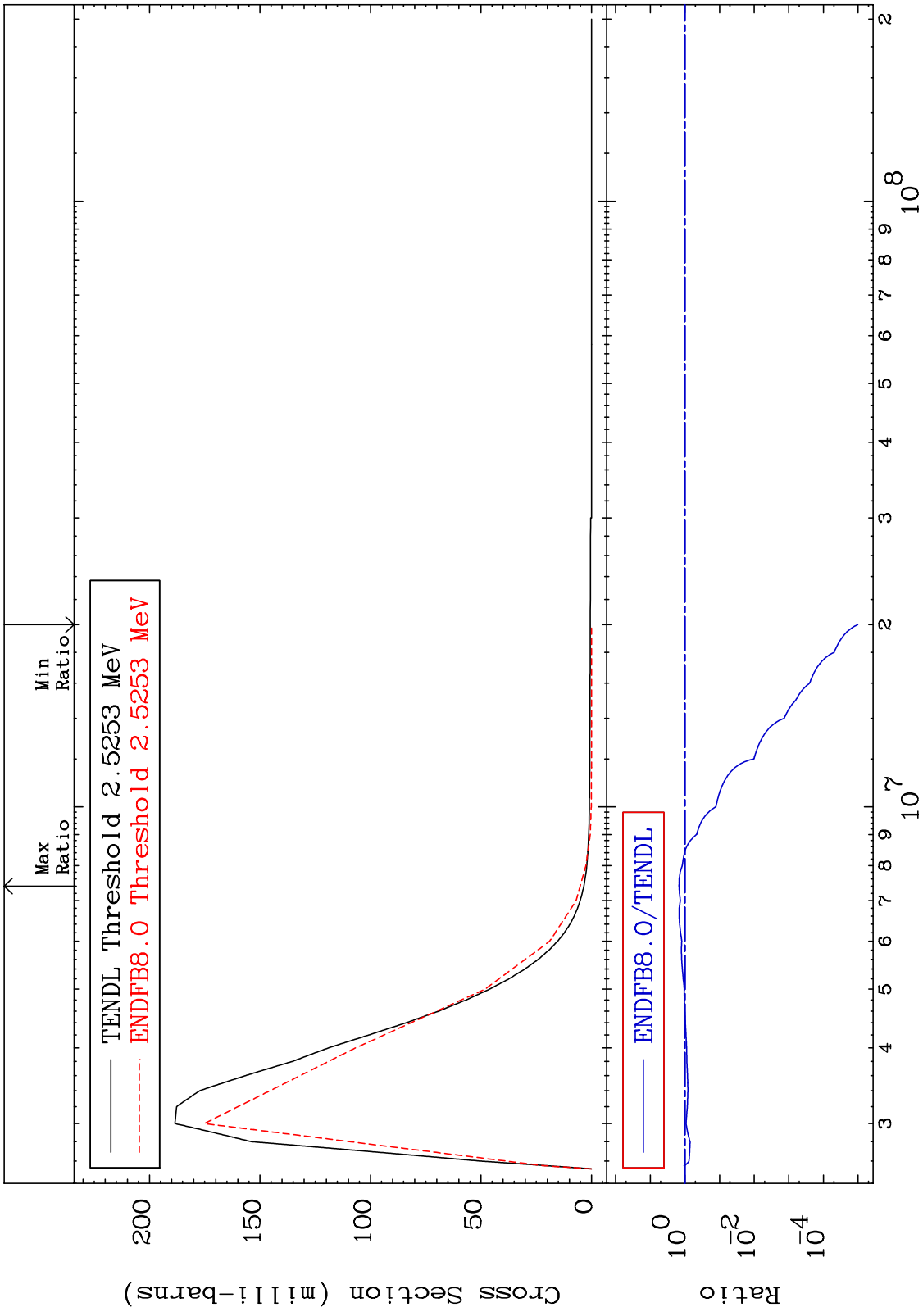
MAT 3843 MT= 53 (n,n') Level Cross Section 38-Sr-90
 -100.0 To 53.08 %



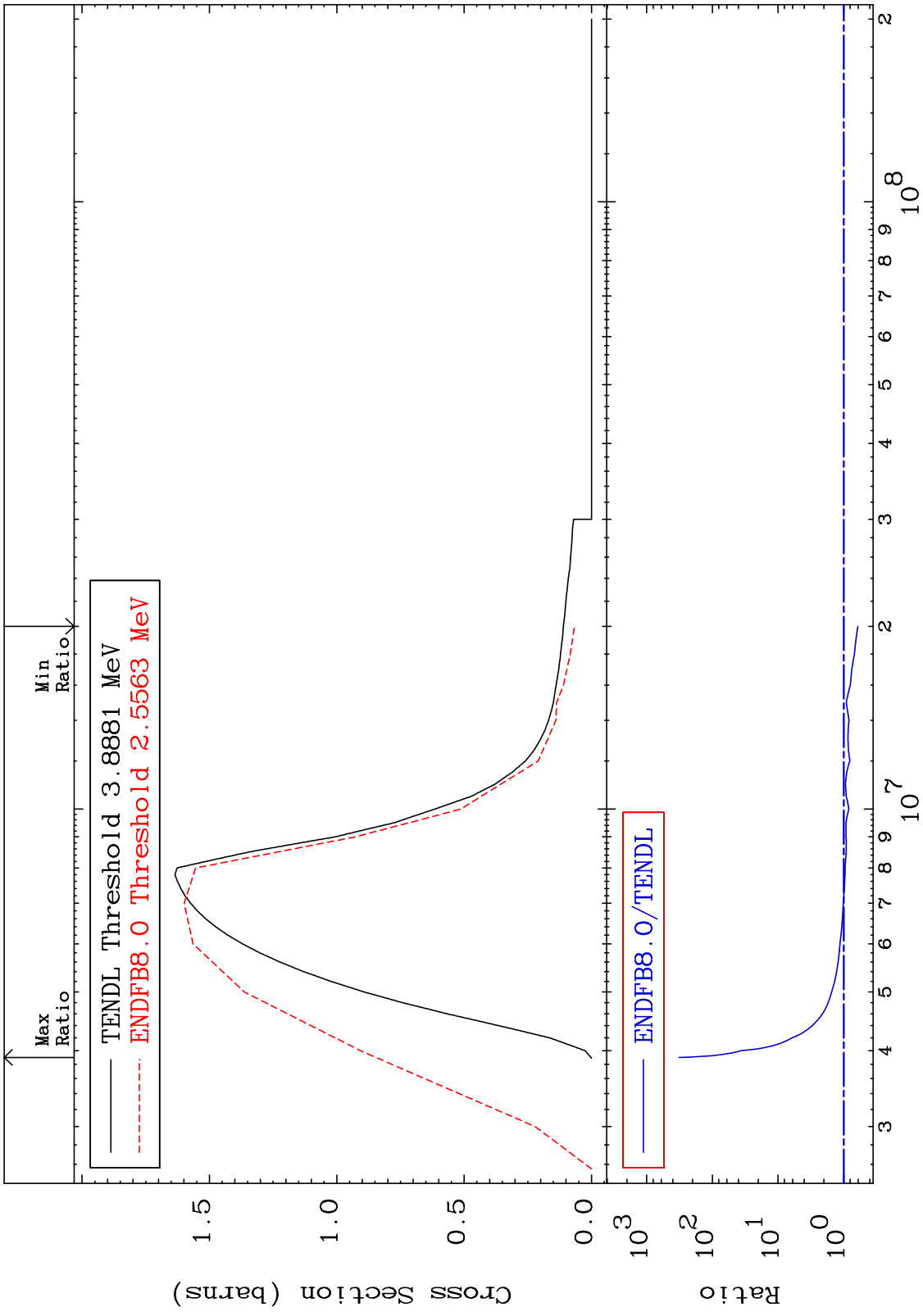
MAT 3843 MT= 54 (n,n') Level Cross Section 38-Sr-90
 -100.0 To 63.66 %



MAT 3843 MT= 55 (n,n') Level Cross Section 38-Sr-90
 -100.0 To 47.78 %



MAT 3843 (n, n') Continuum Cross Section 38-Sr-90 -39.07 To 9999. %



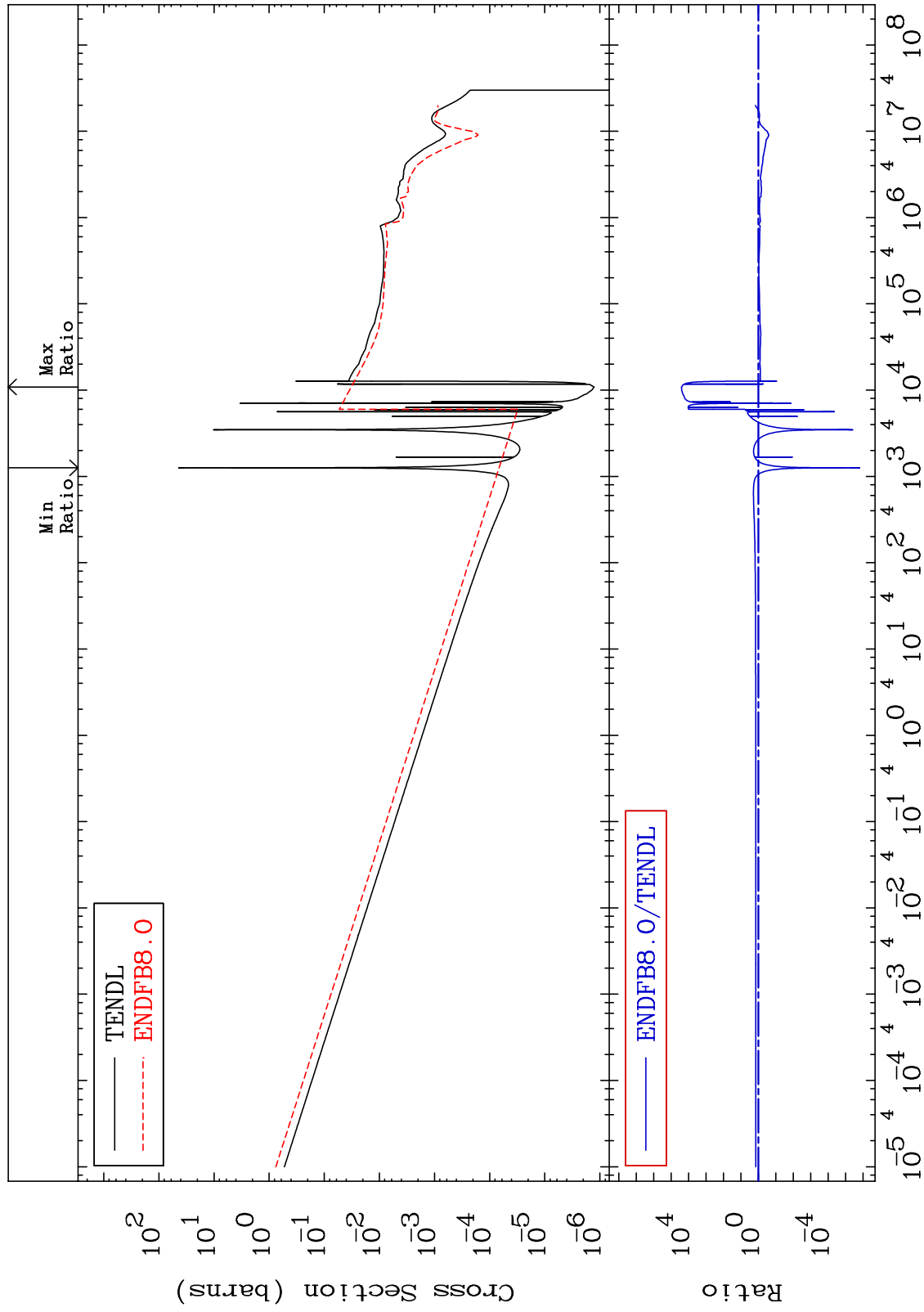
MAT 3843

(n, γ)

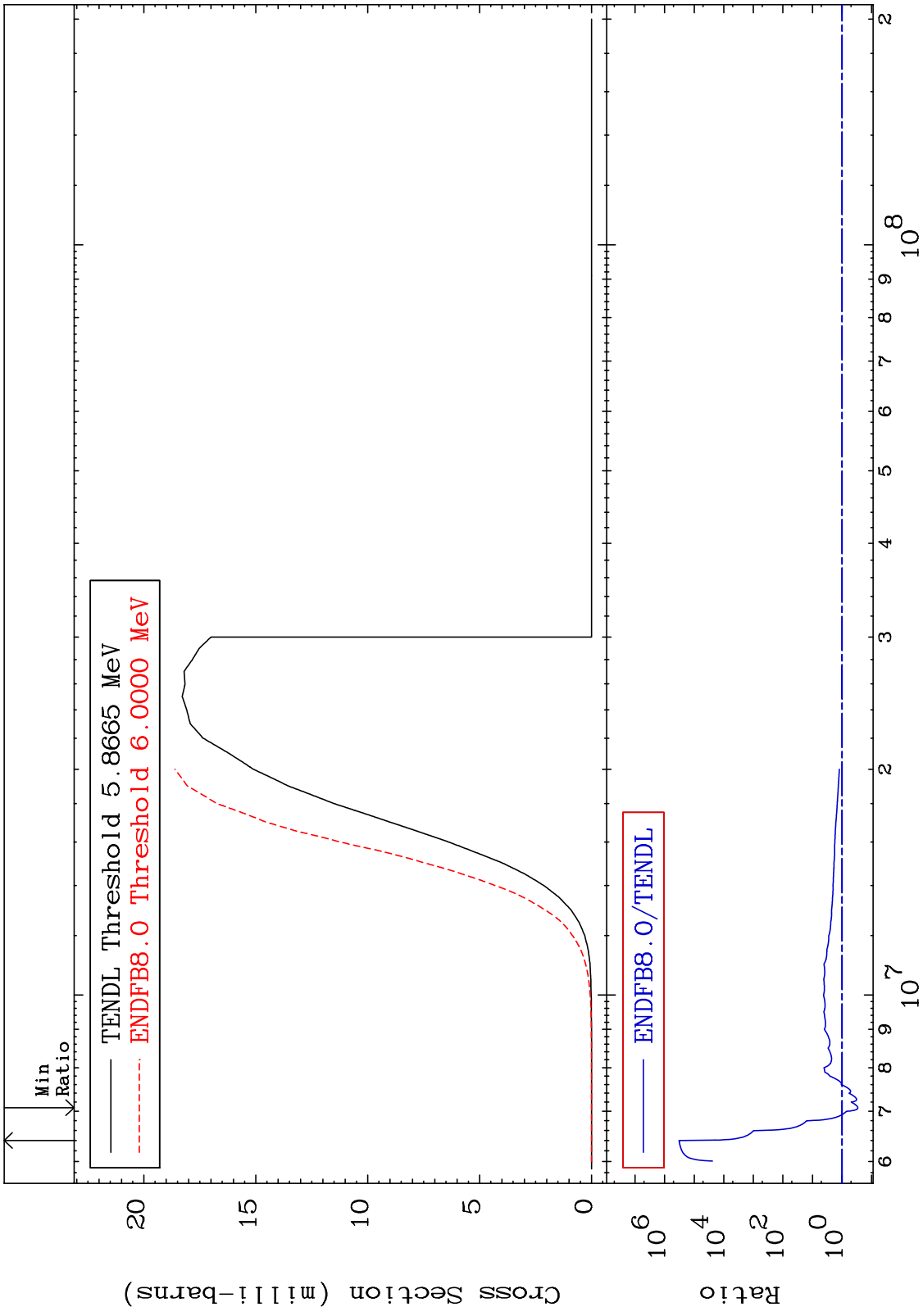
38-Sr-90

Cross Section

-100.0 To 9999. %



MAT 3843 (n,p) Cross Section 38-Sr-90
 -70.82 To 9999. %



16 Incident Energy (eV) 38-Sr-90

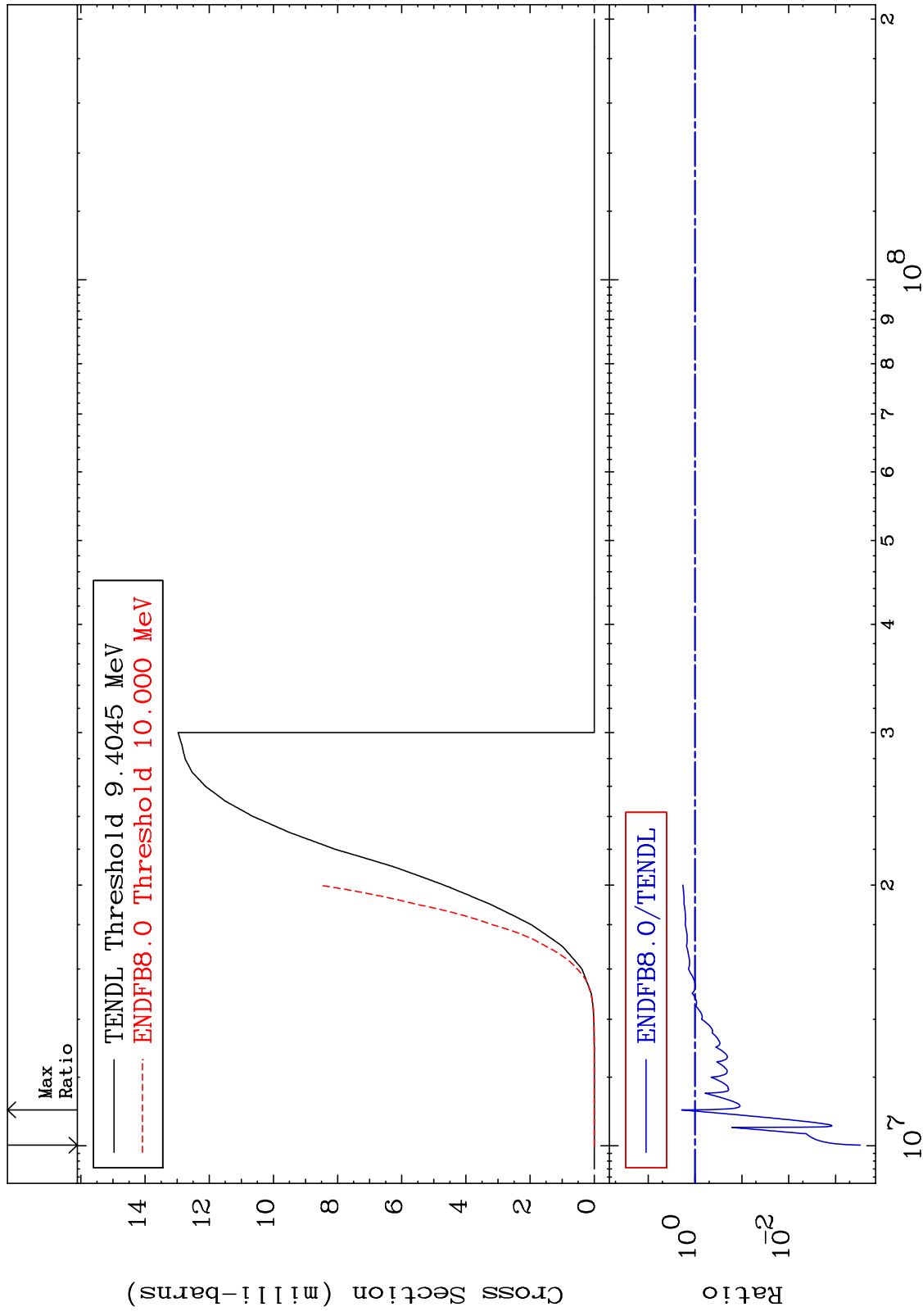
MAT 3843

(n,d)

38-Sr-90

Cross Section

-99.97 To 92.77 %



17

Incident Energy (eV)

38-Sr-90

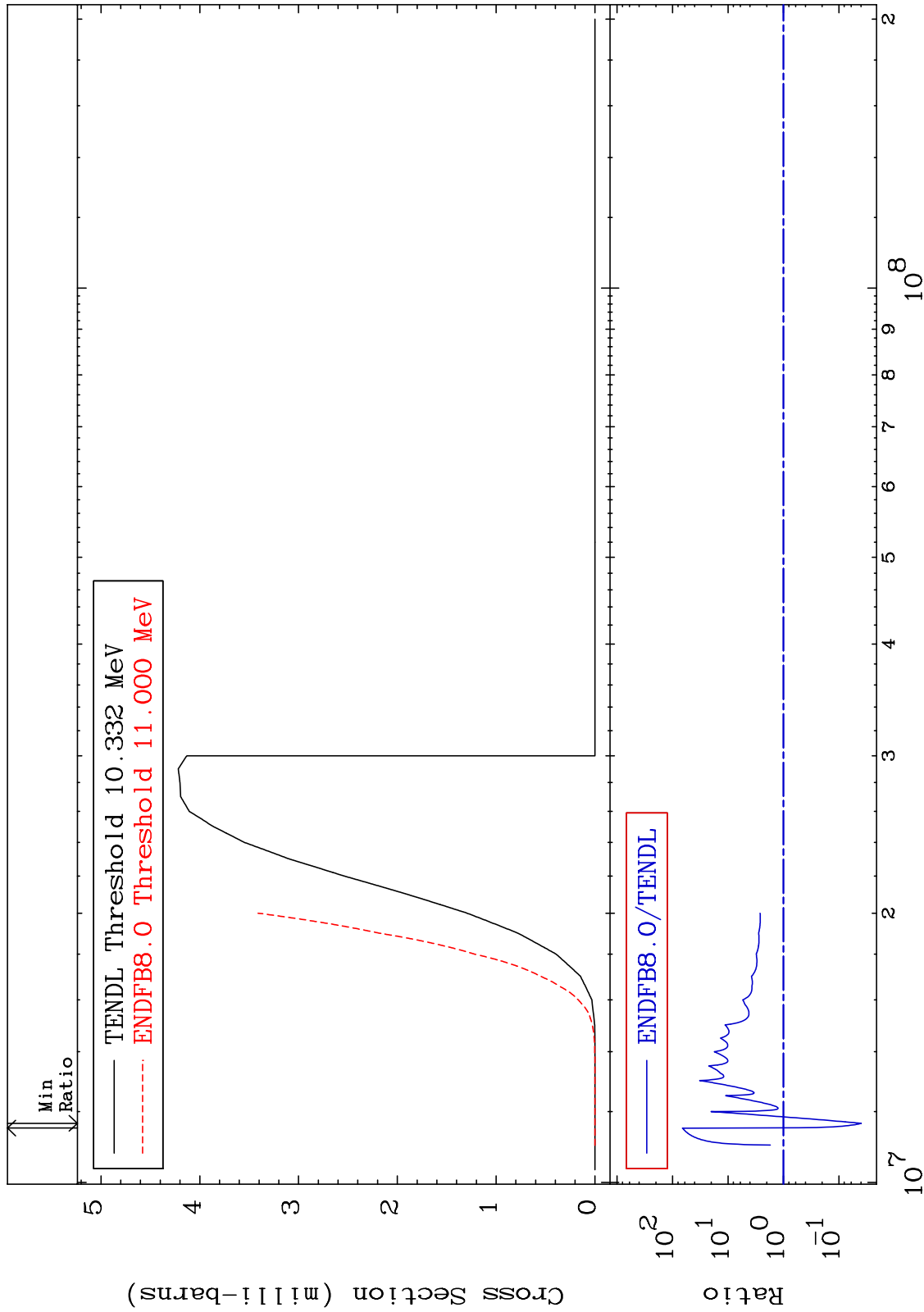
MAT 3843

(n,t)

38-Sr-90

Cross Section

-96.06 To 6529. %



18

Incident Energy (eV)

38-Sr-90

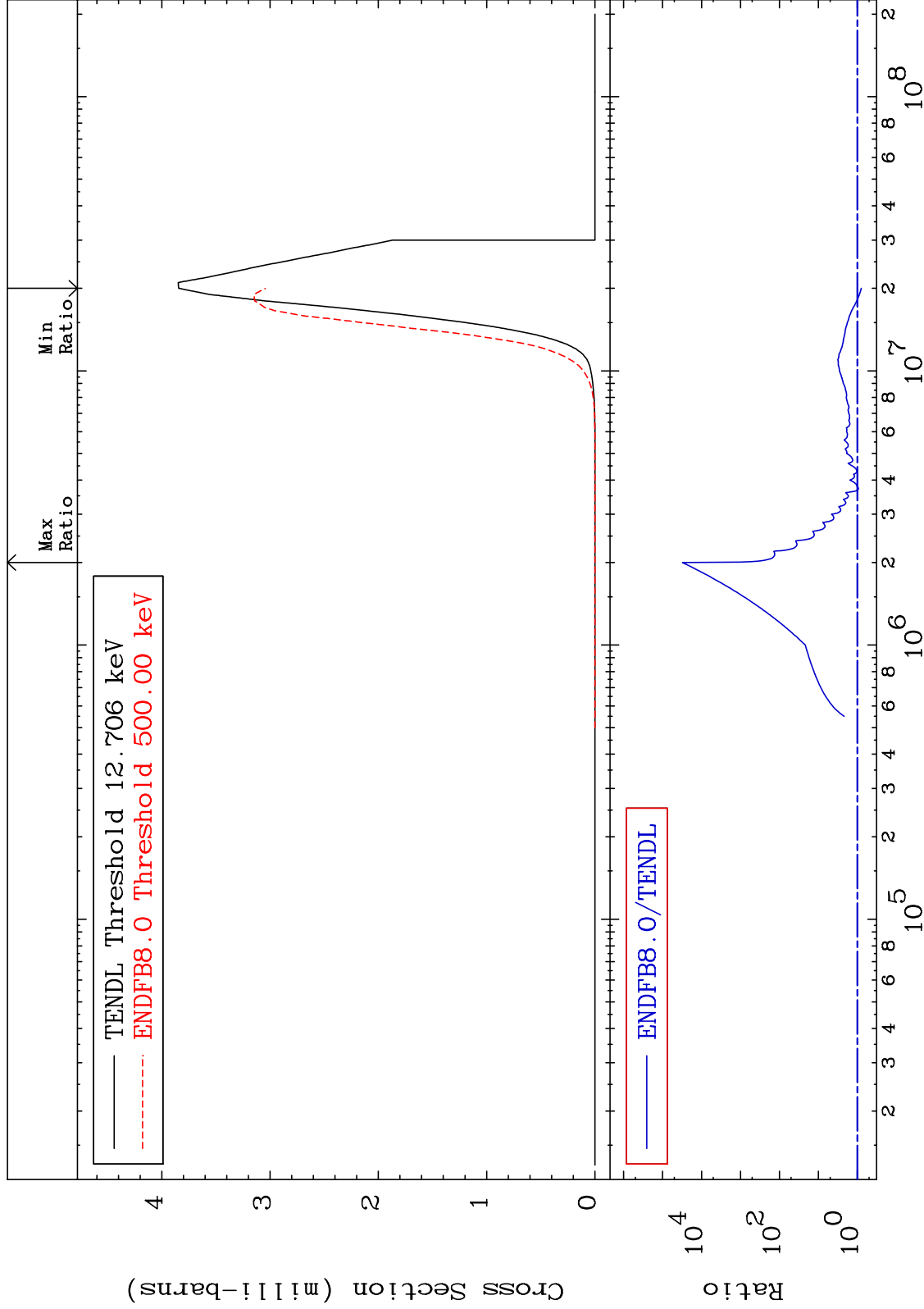
MAT 3843

(n, α)

38-Sr-90

Cross Section

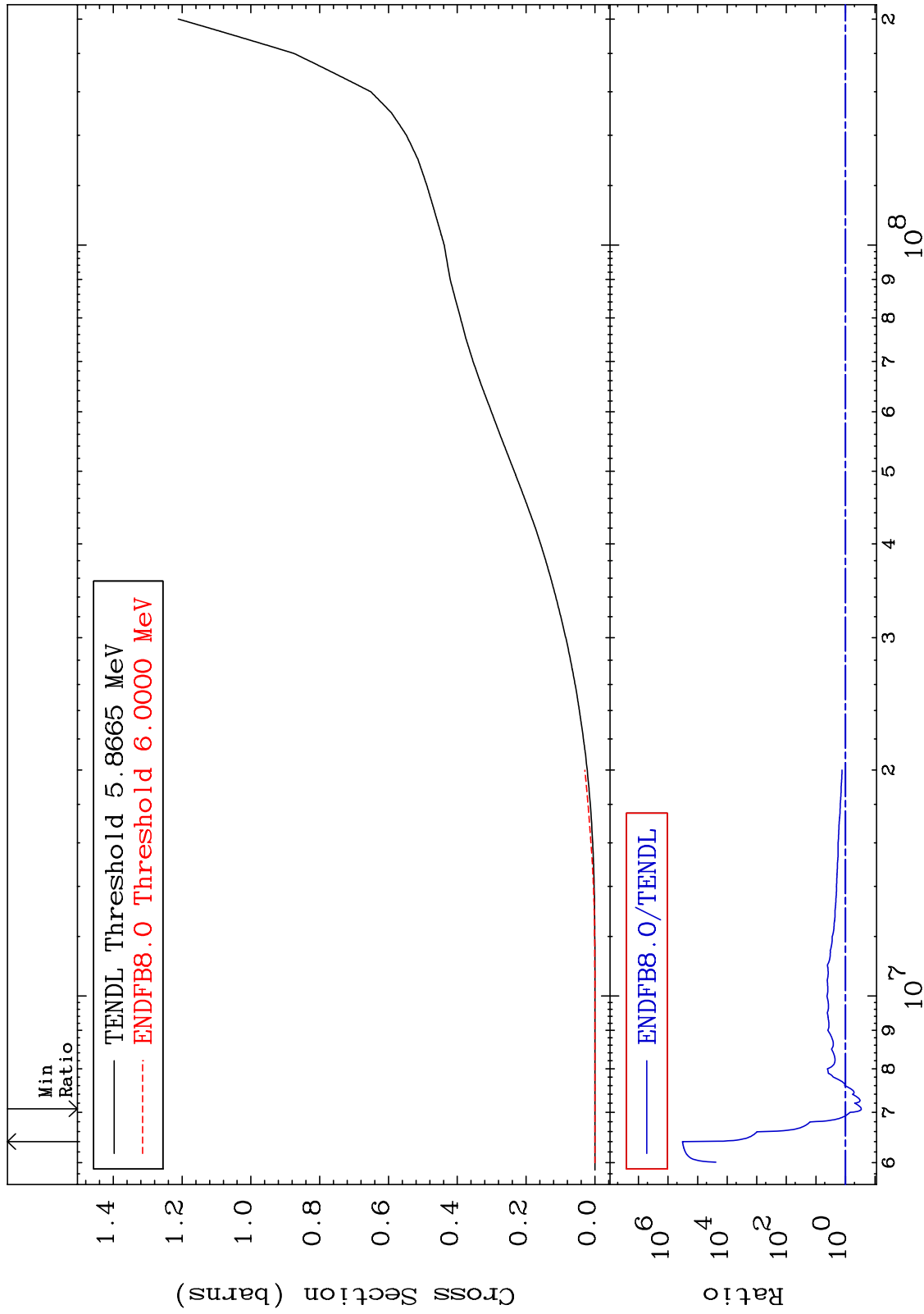
-20.81 To 9999. %



MAT 3843

Hydrogen Production
Cross Section

38-Sr-90
-70.82 To 9999. %



20

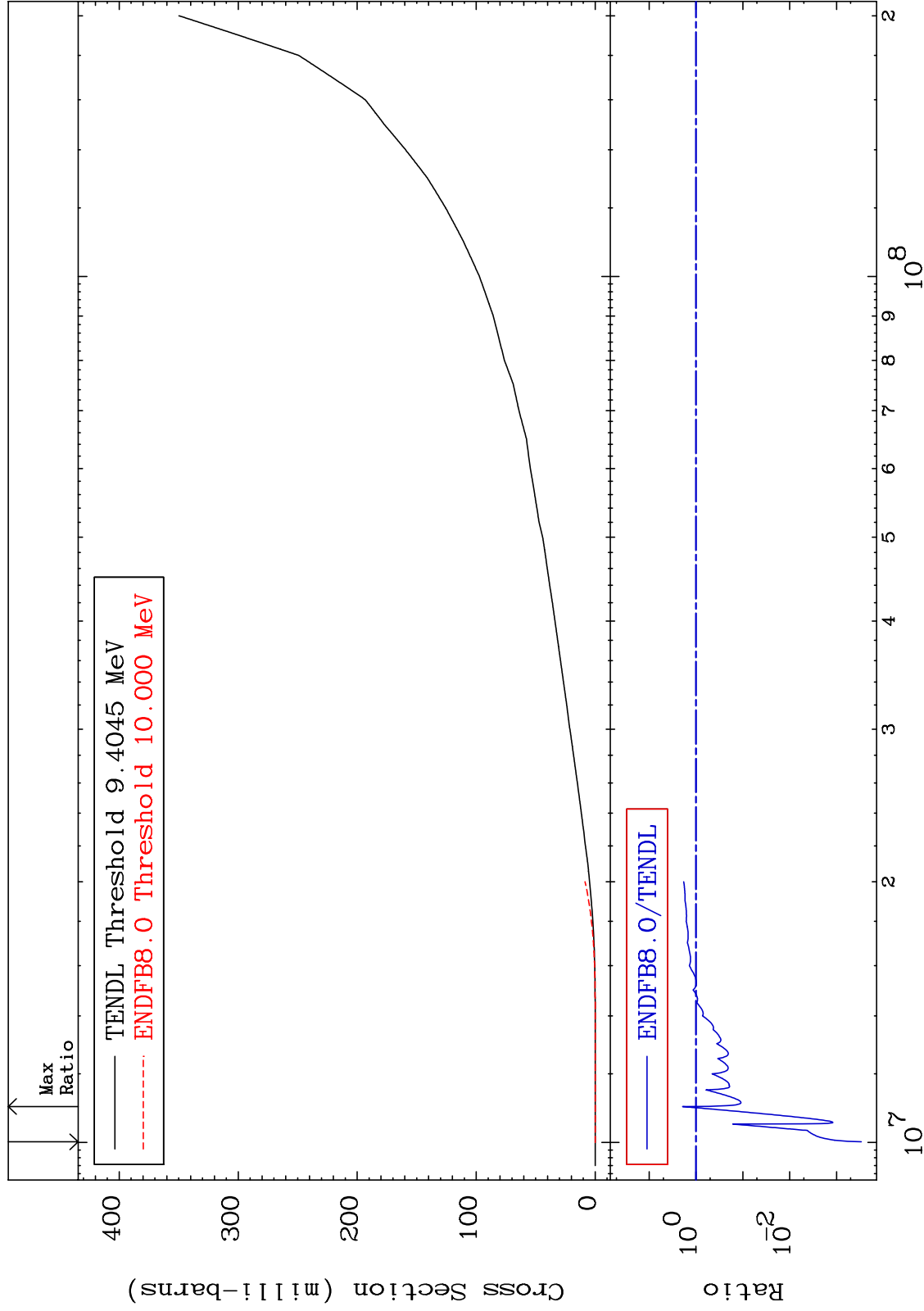
Incident Energy (eV)

38-Sr-90

MAT 3843

Deuterium Production
Cross Section

38-Sr-90
-99.97 To 92.77 %



21

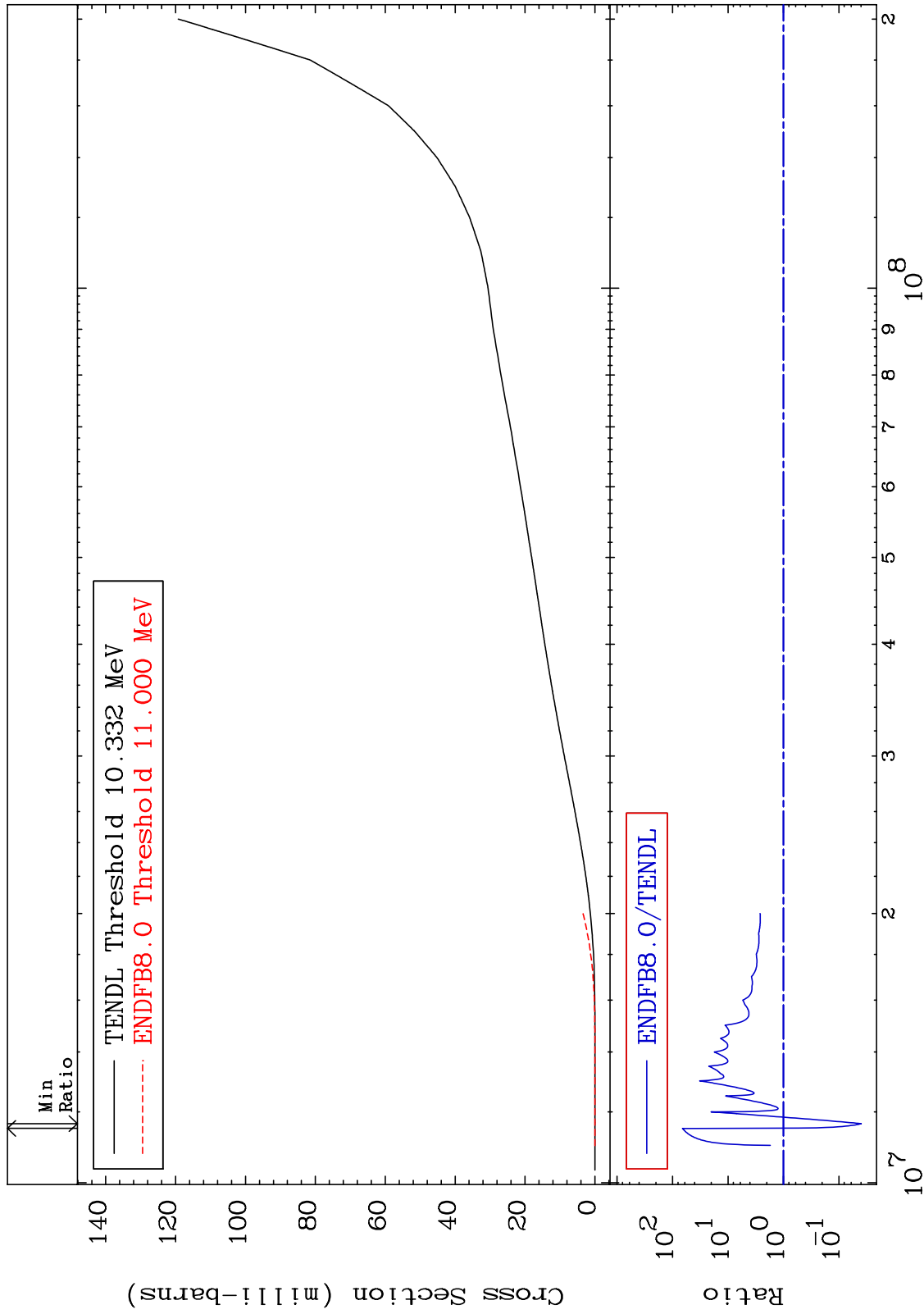
Incident Energy (eV)

38-Sr-90

MAT 3843

Tritium Production
Cross Section

38-Sr-90
-96.06 To 6529. %



22

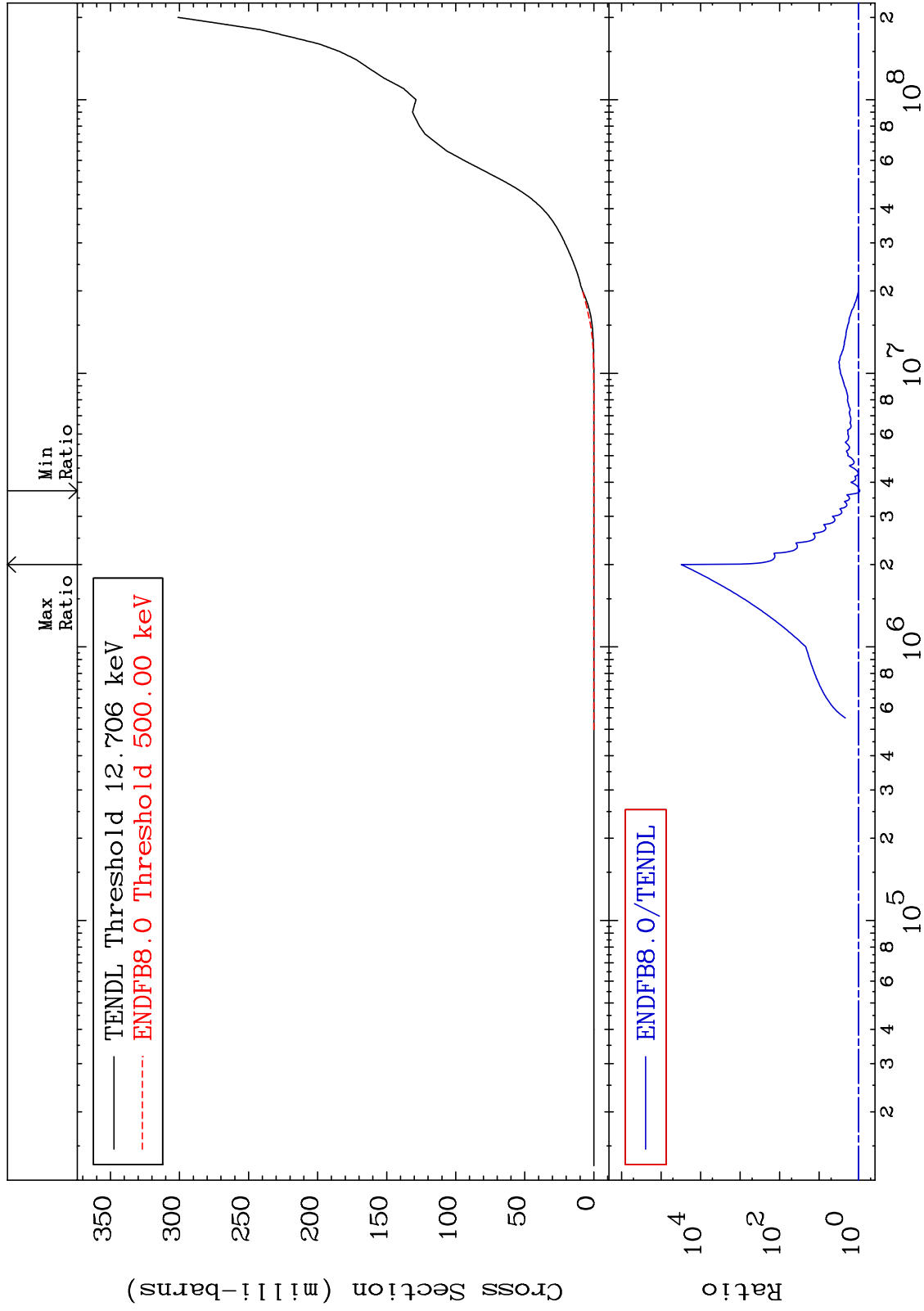
Incident Energy (eV)

38-Sr-90

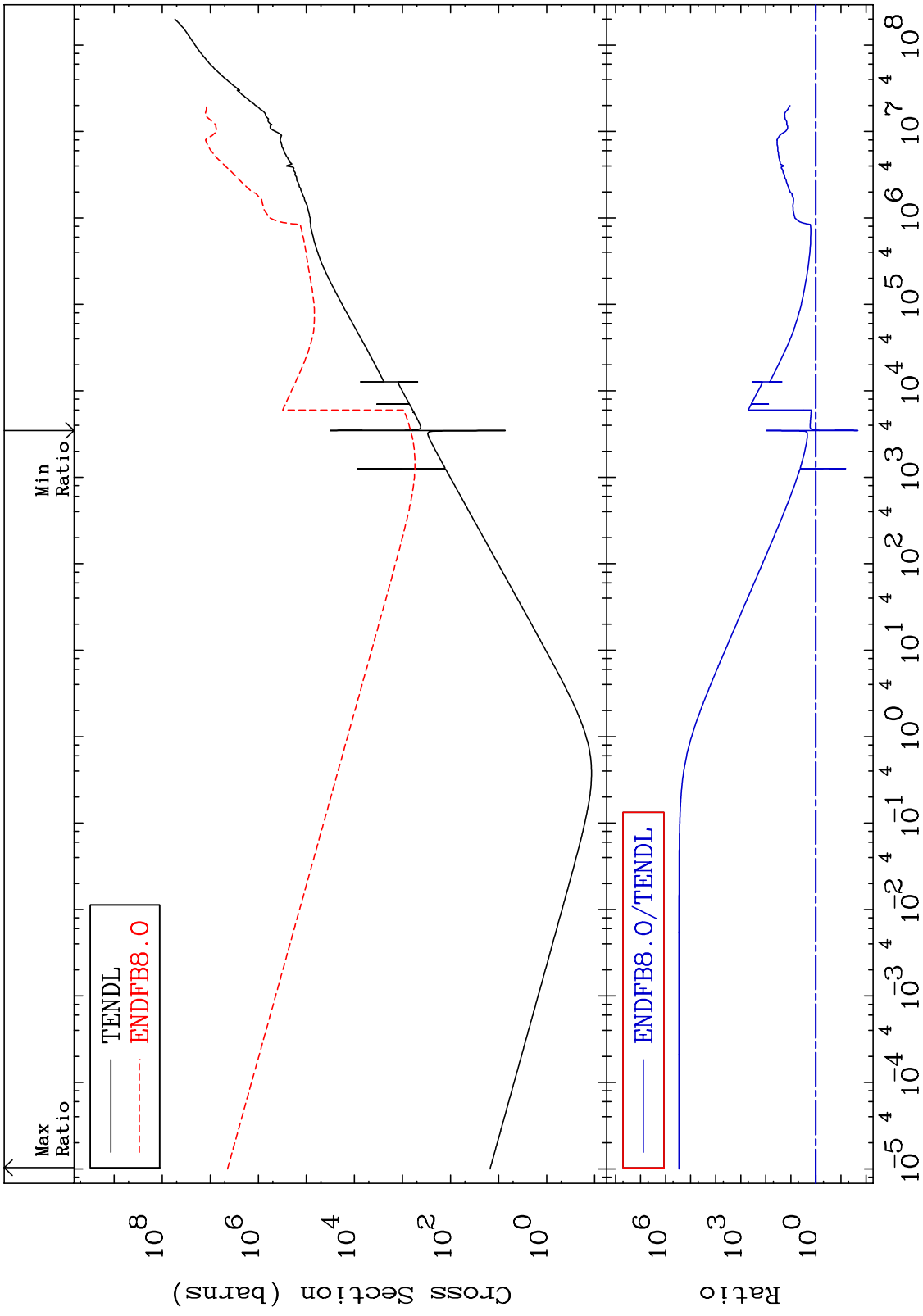
MAT 3843

He-4 Production
Cross Section

38-Sr-90
-6.156 To 9999. %



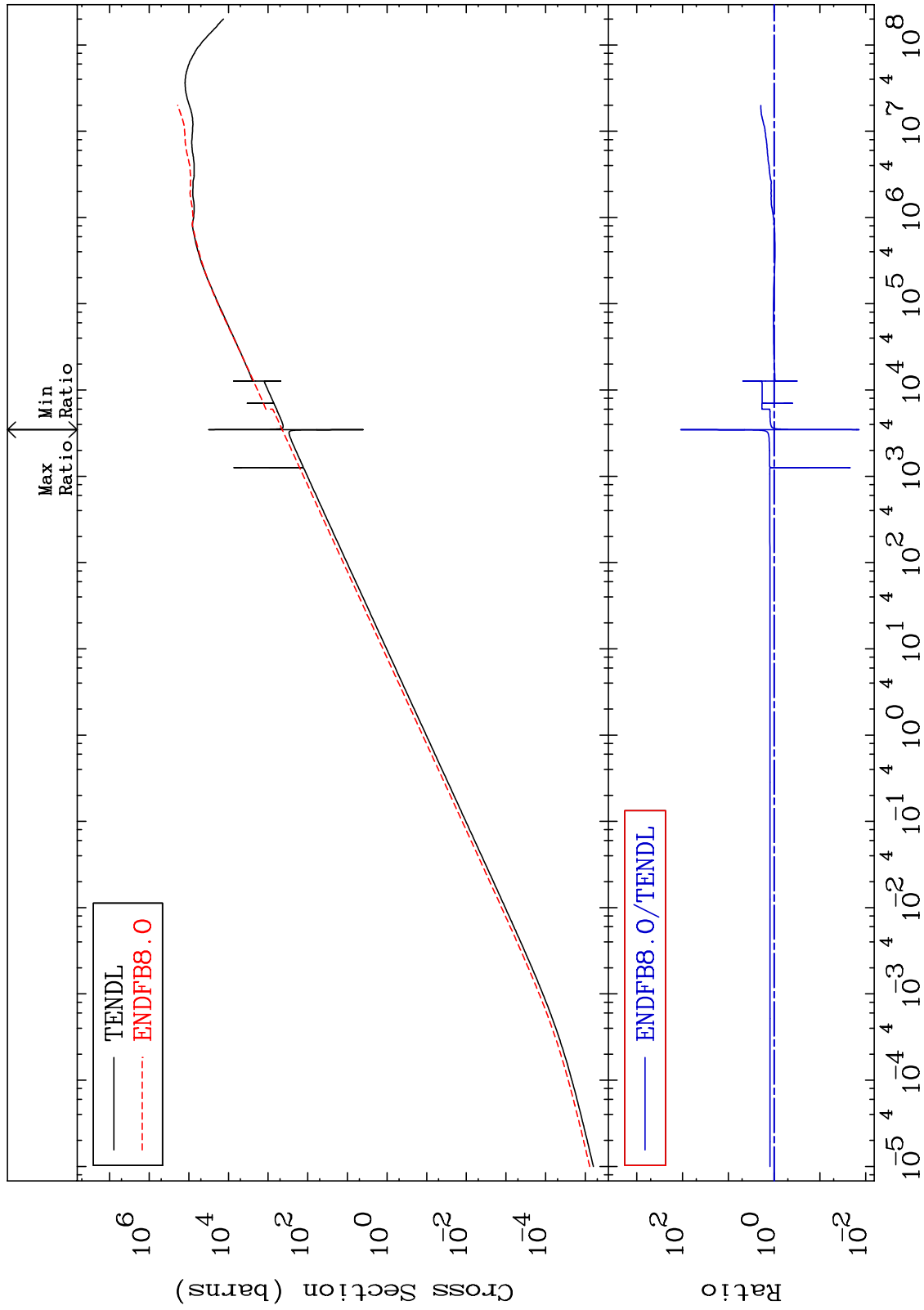
MAT 3843 38-Sr-90
 Kerma total (eV-barns) -97.88 To 9999. %
 Cross Section



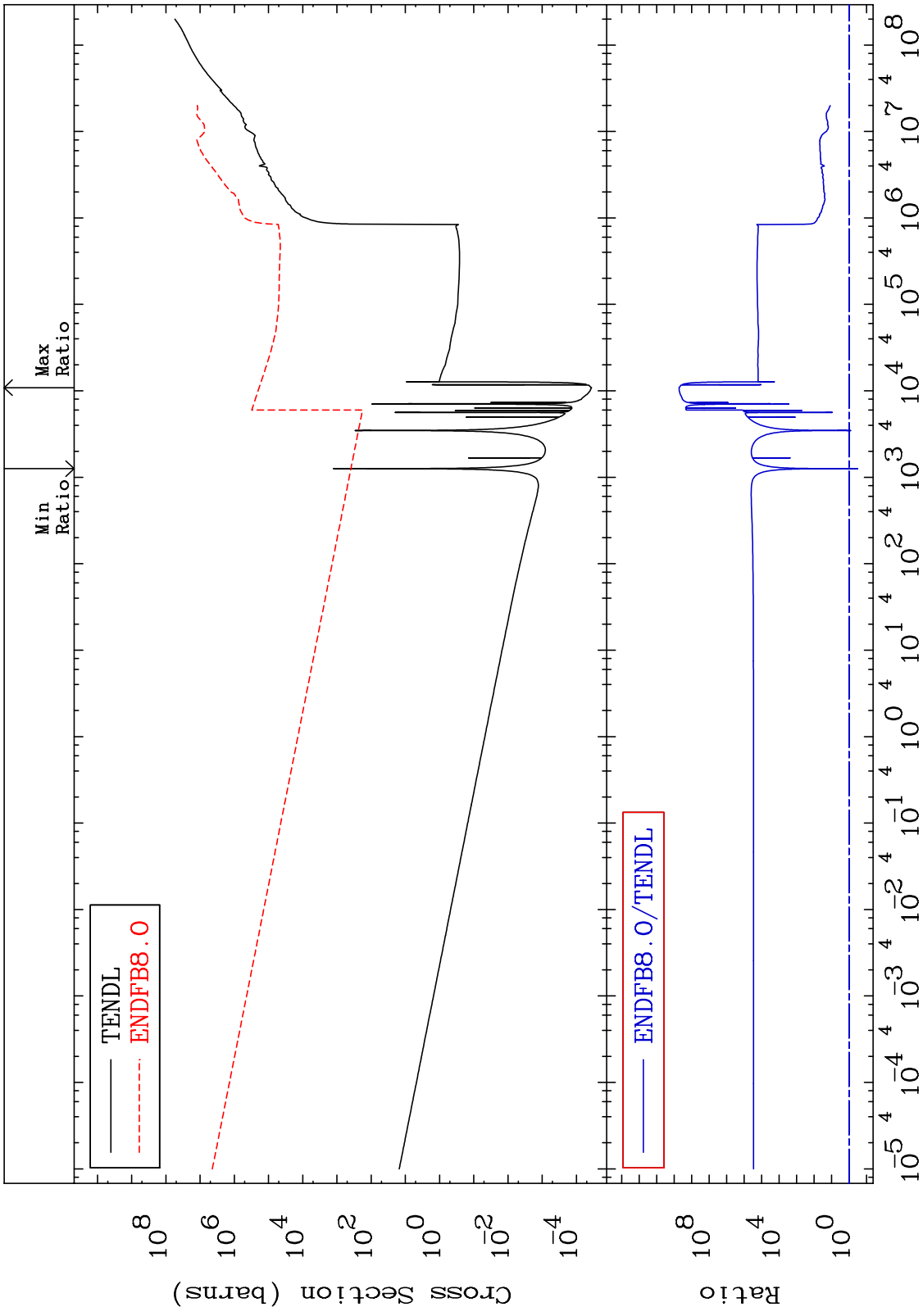
MAT 3843

Kerma elastic
Cross Section

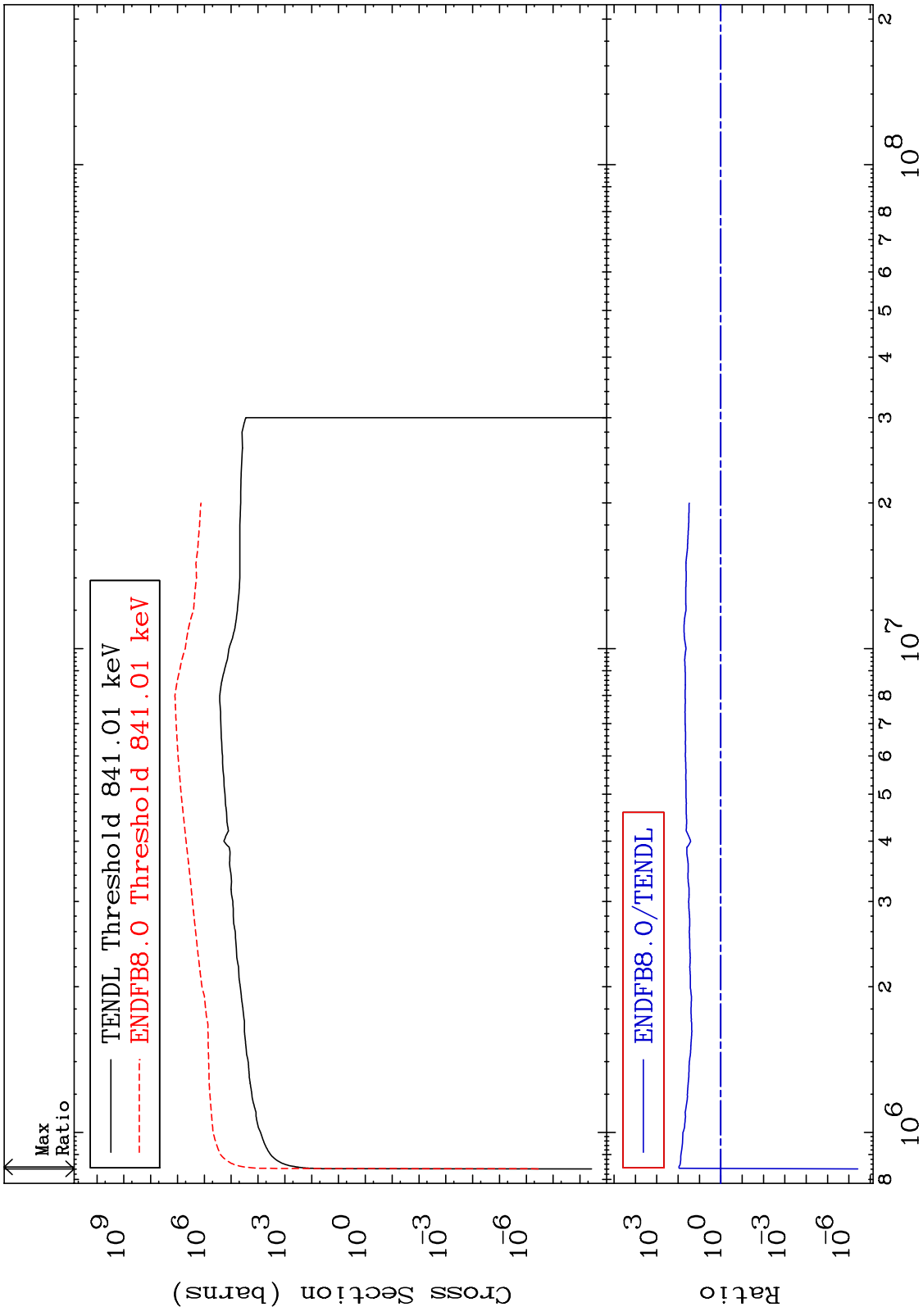
38-Sr-90
-98.60 To 9999. %



MAT 3843 Kerma non-elastic (all but mt2) 38-Sr-90
 Cross Section -68.77 To 9999. %



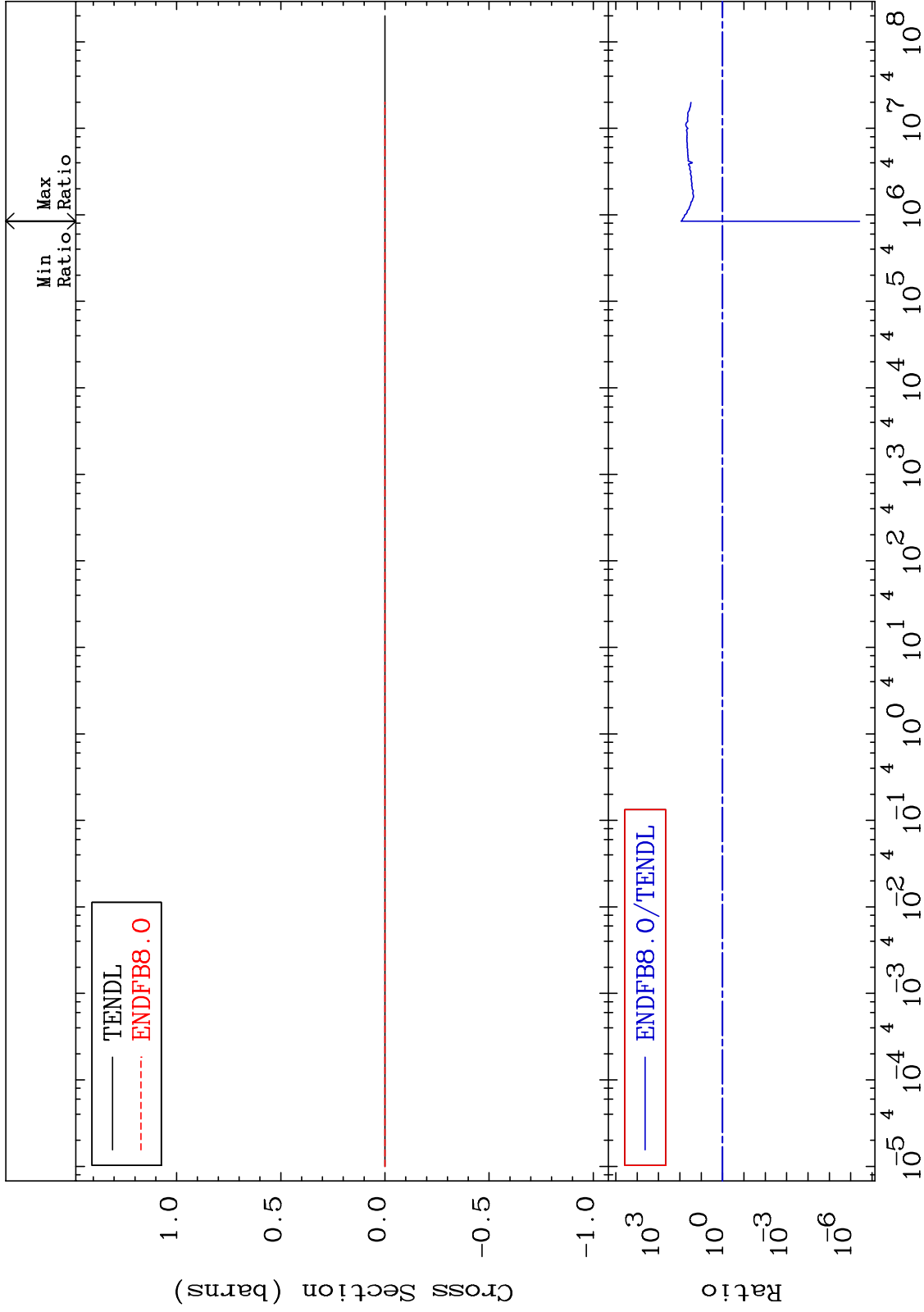
MAT 3843 Kerma inelastic (mt51-91) 38-Sr-90
 -100.0 To 8909. %
 Cross Section



MAT 3843

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

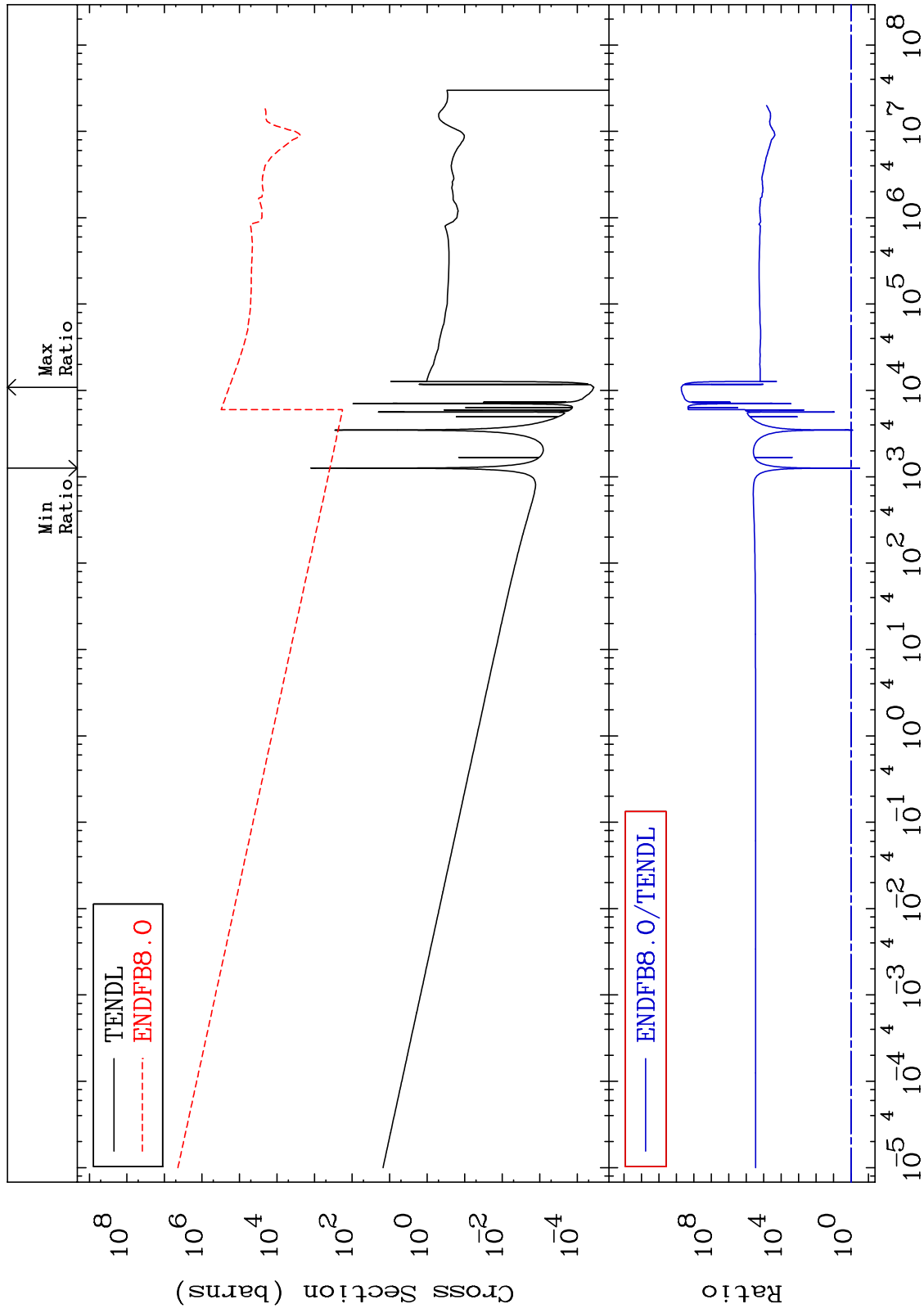
38-Sr-90
-100.0 To 8909. %



MAT 3843

Kerma capture (mt102)
Cross Section

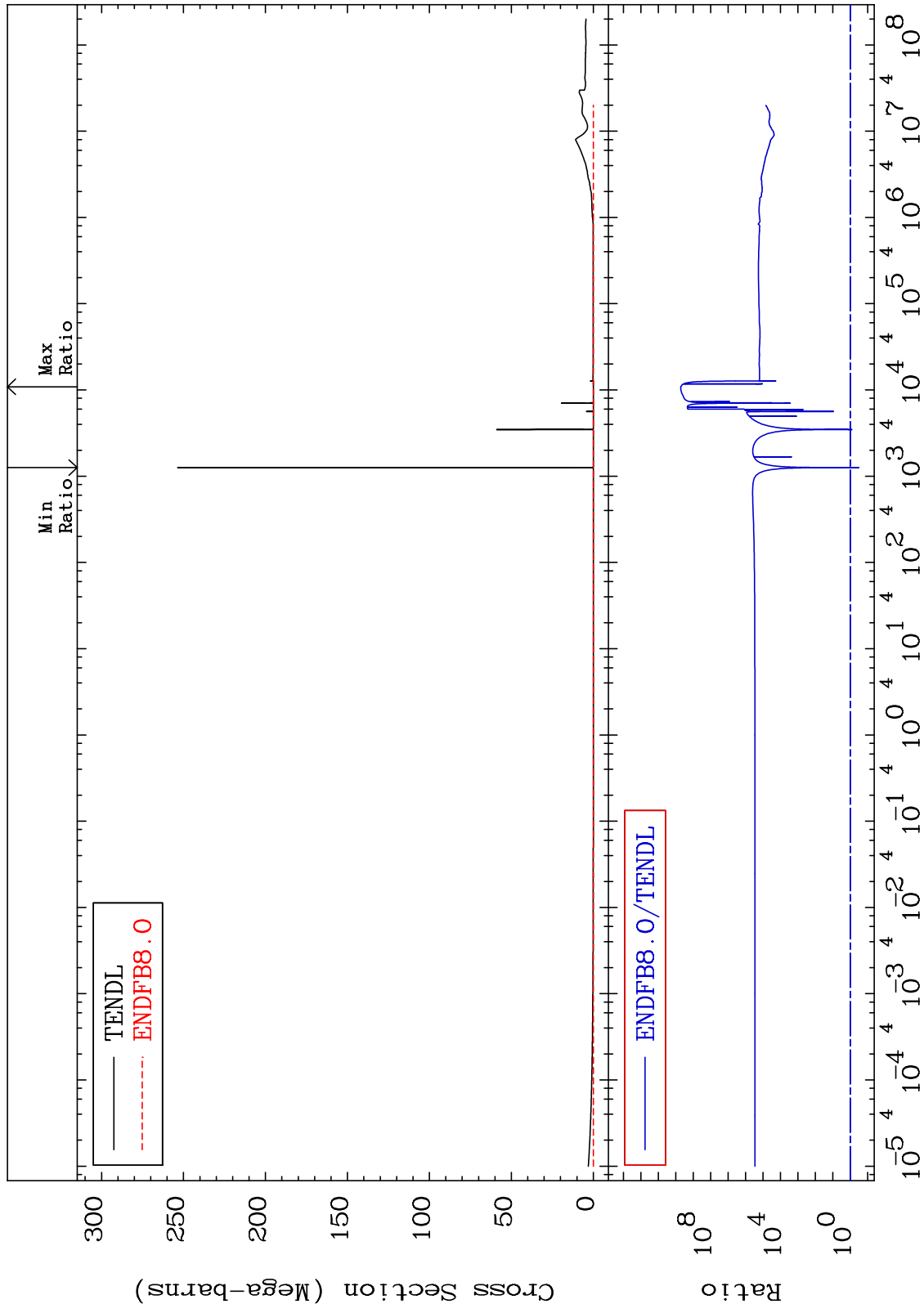
38-Sr-90
-68.77 To 9999. %



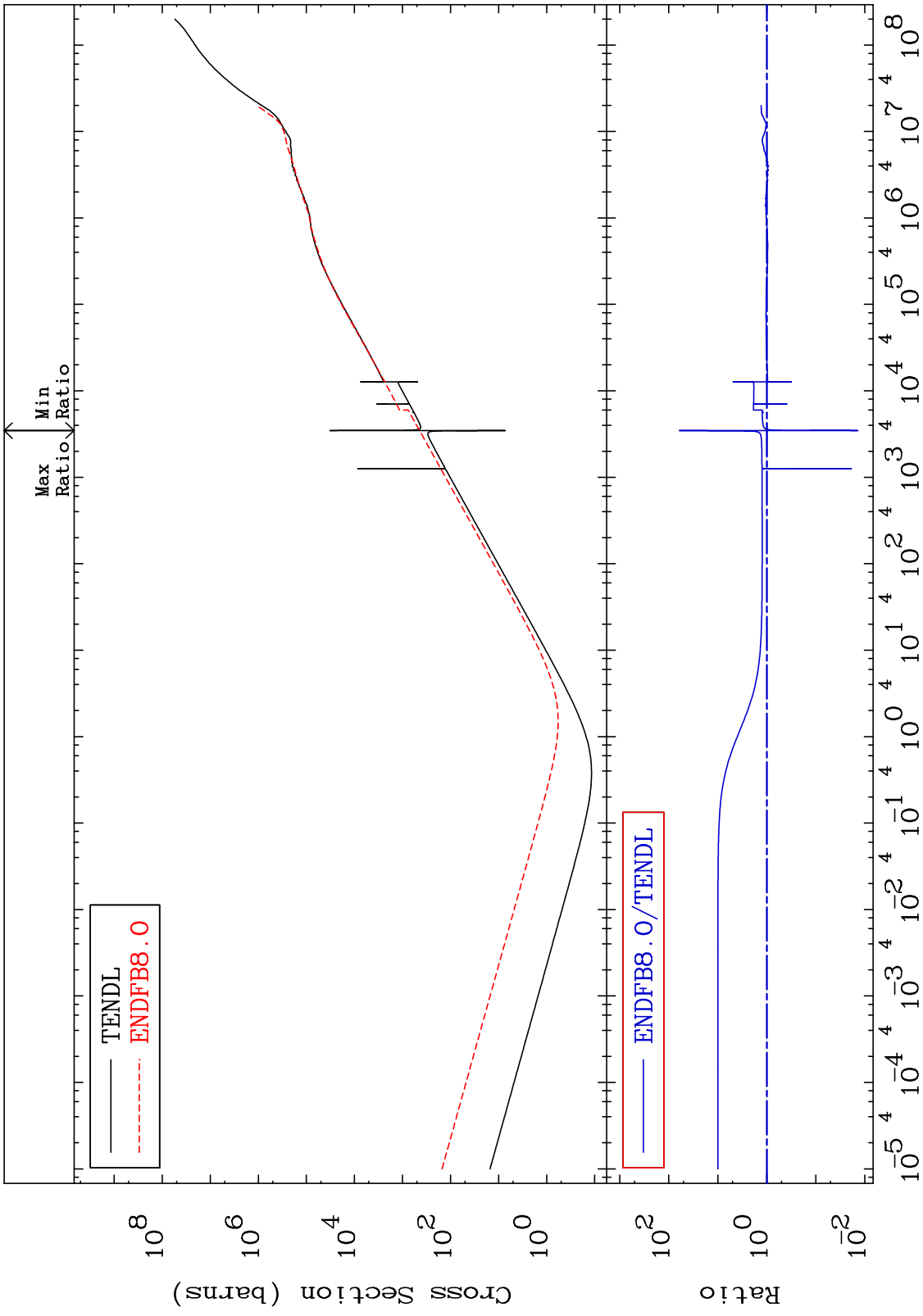
MAT 3843

Total photon (eV-barns)
Cross Section

38-Sr-90
-68.77 To 9999. %



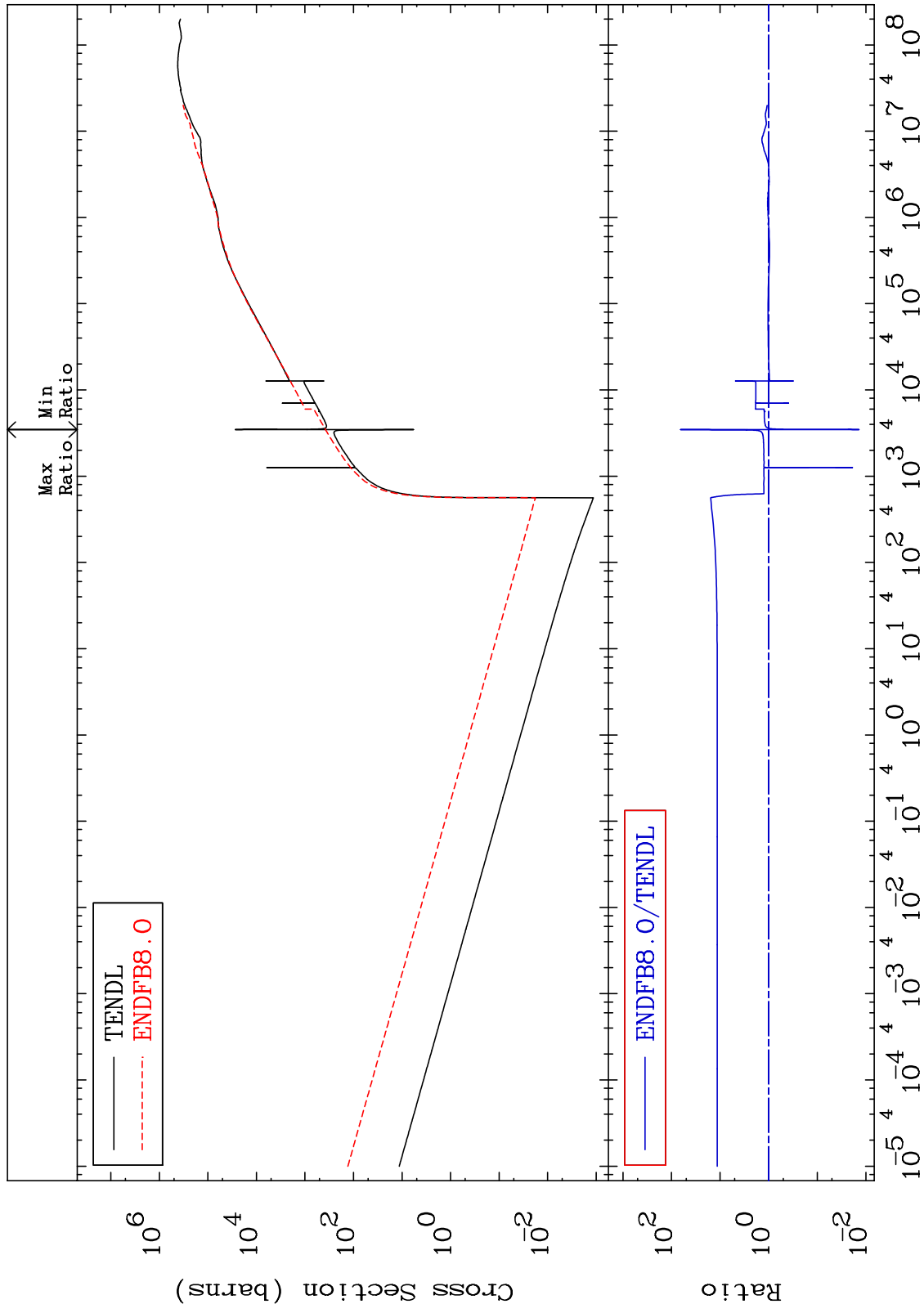
MAT 3843 Total kinematic kerma (high limit) 38-Sr-90
 Cross Section -98.61 To 6074. %



MAT 3843

Dpa total (eV-barns)
Cross Section

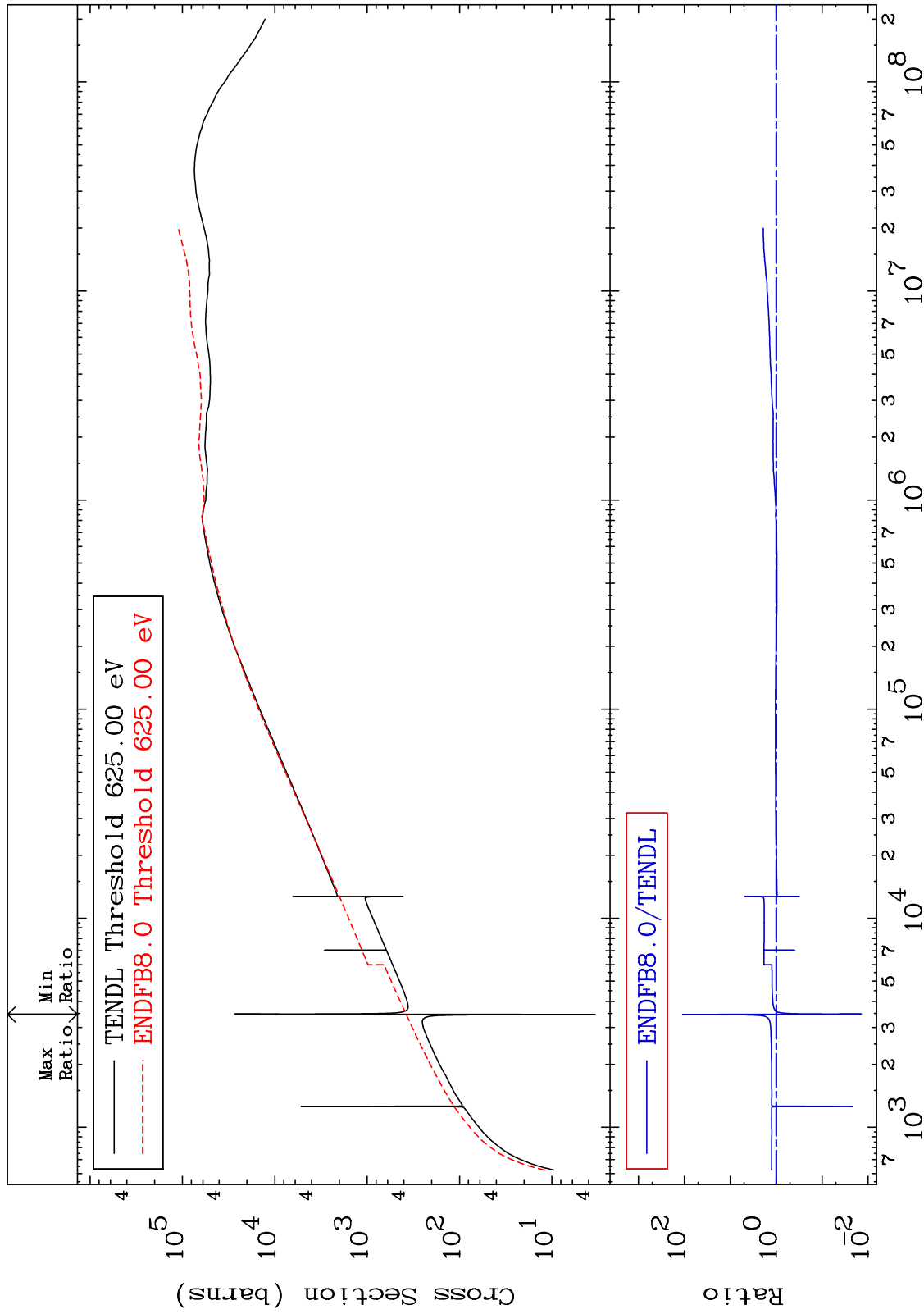
38-Sr-90
-98.62 To 6391. %



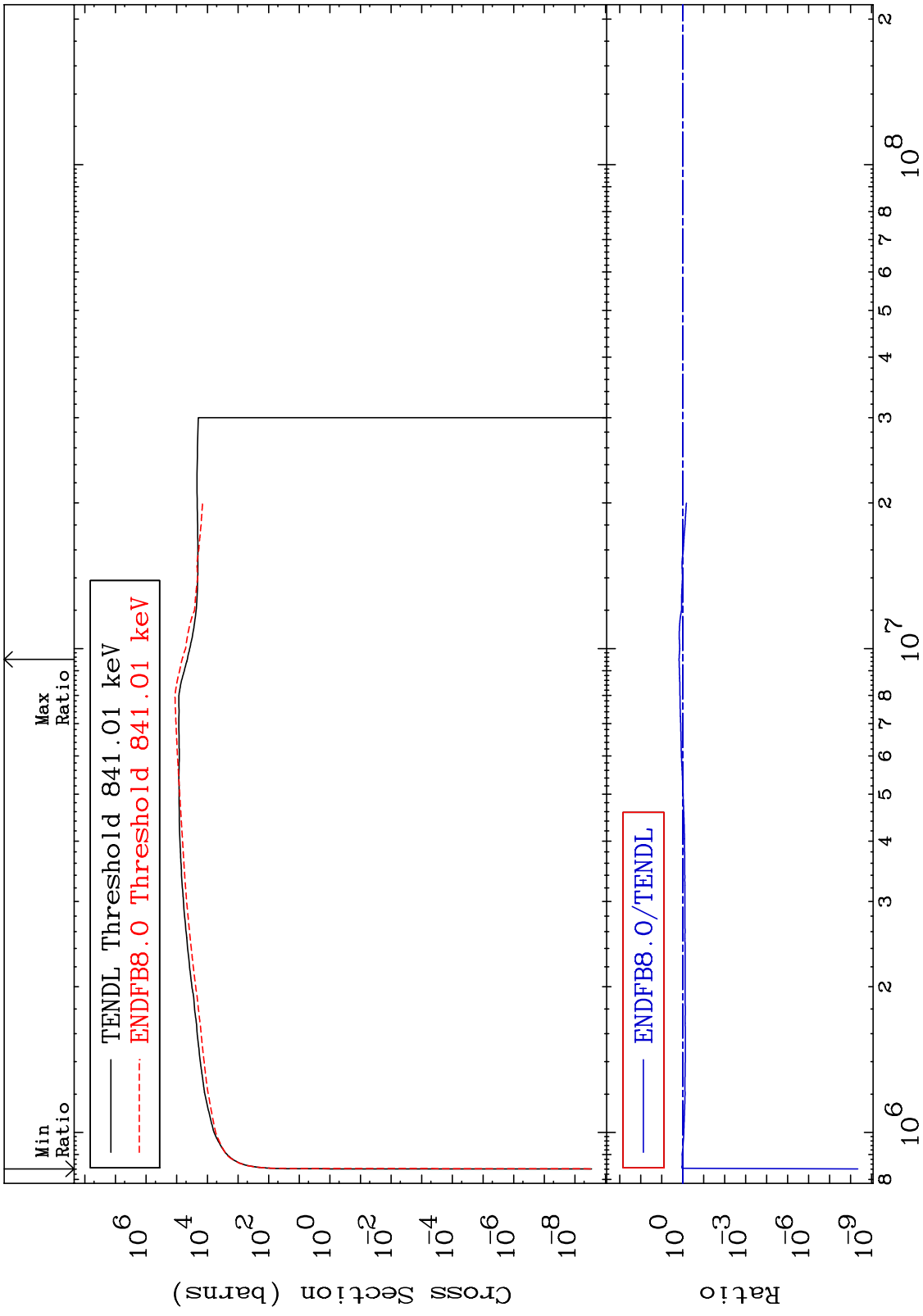
MAT 3843

Dpa elastic (mt2)
Cross Section

38-Sr-90
-98.60 To 9999. %



MAT 3843 Dpa inelastic (mt51-91) 38-Sr-90
 Cross Section -100.0 To 48.02 %



MAT 3843 Dpa disappearance (mt102 -120) 38-Sr-90
 Cross Section -100.0 To 9999. %

