

Program Complot
(Version 2018-1)

by

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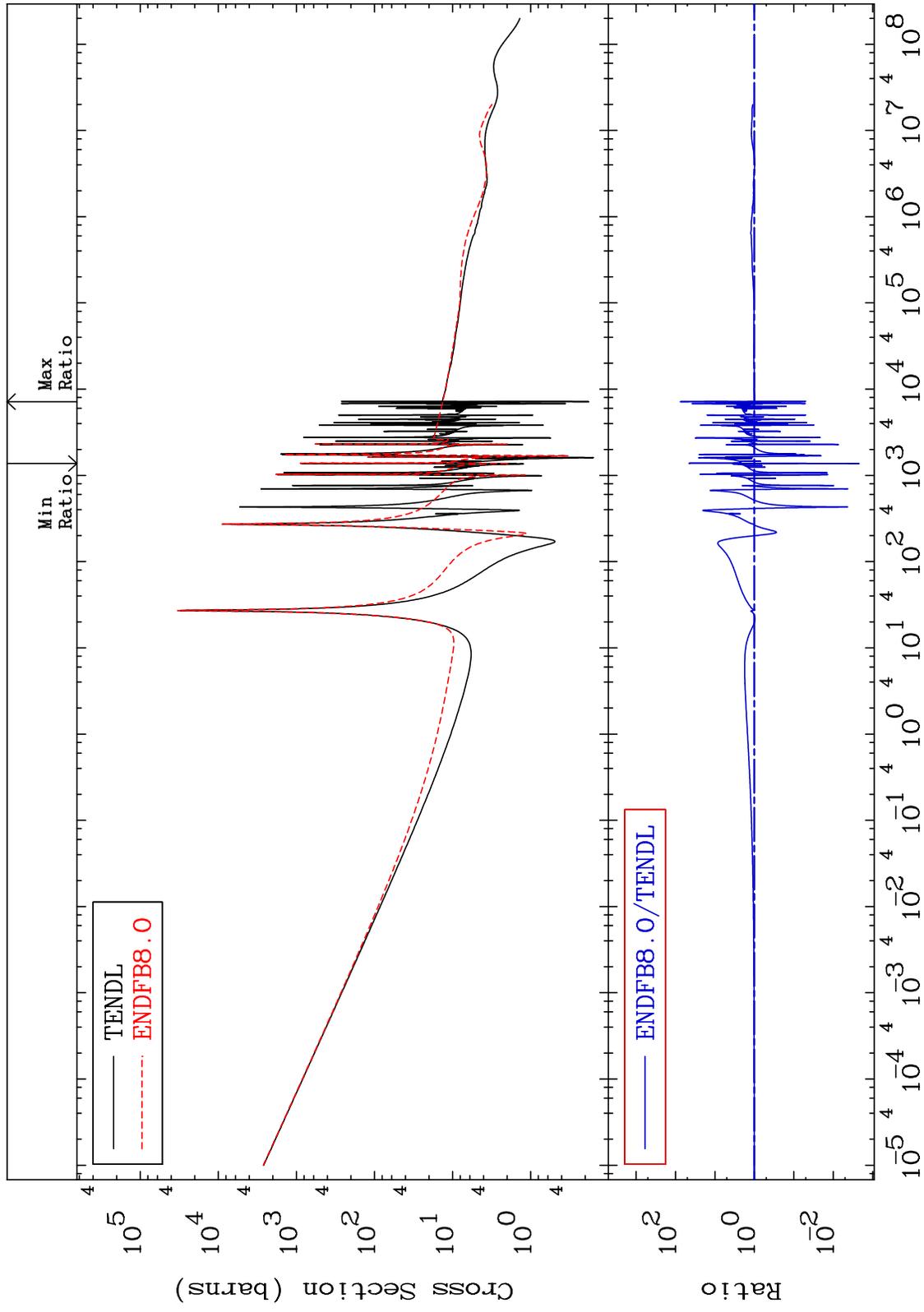
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3425

Total
Cross Section

34-Se-74
-99.78 To 7305. %



1

Incident Energy (eV)

34-Se-74

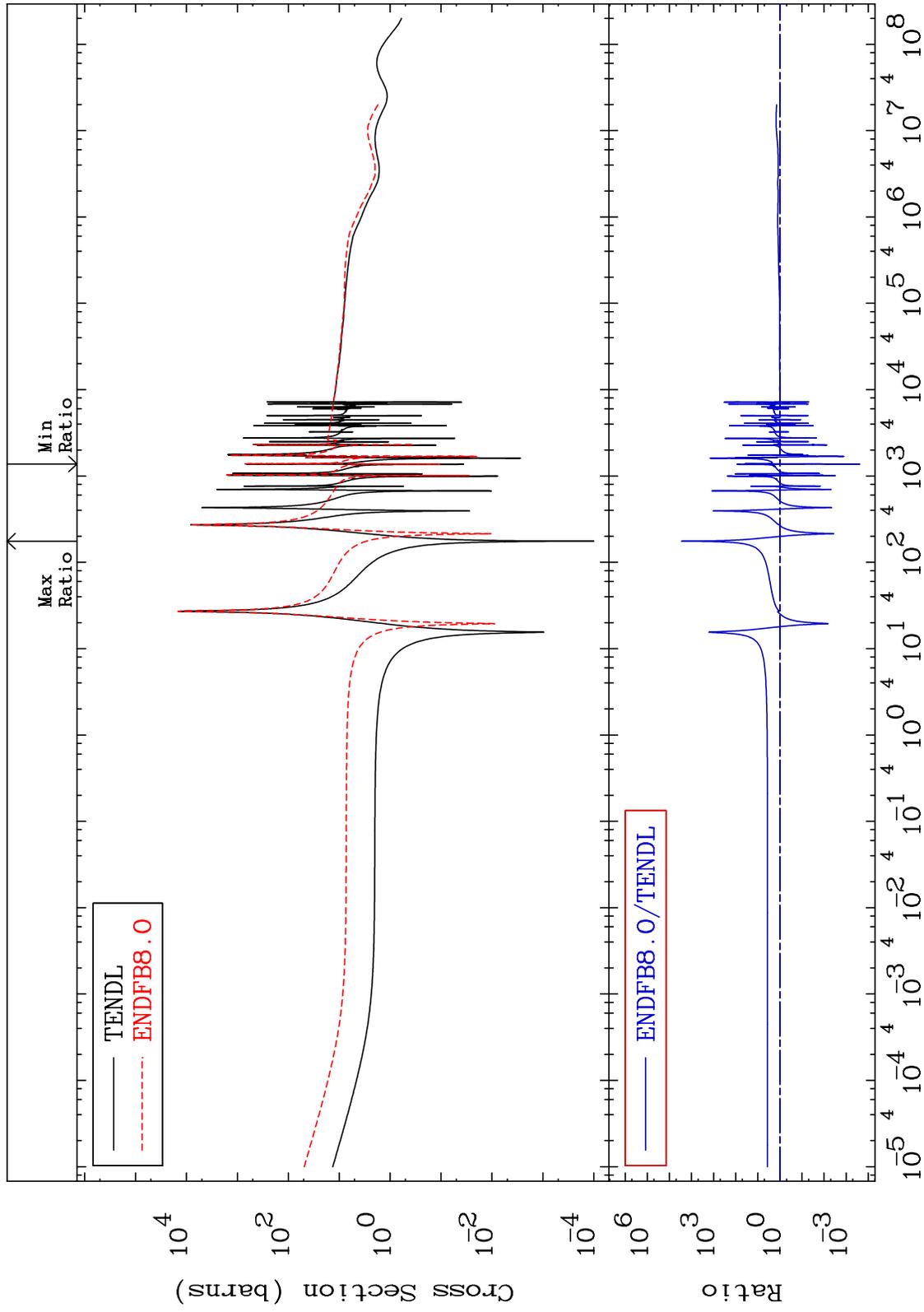
MAT 3425

Elastic

³⁴Se-74

-99.98 To 9999. %

Cross Section



2

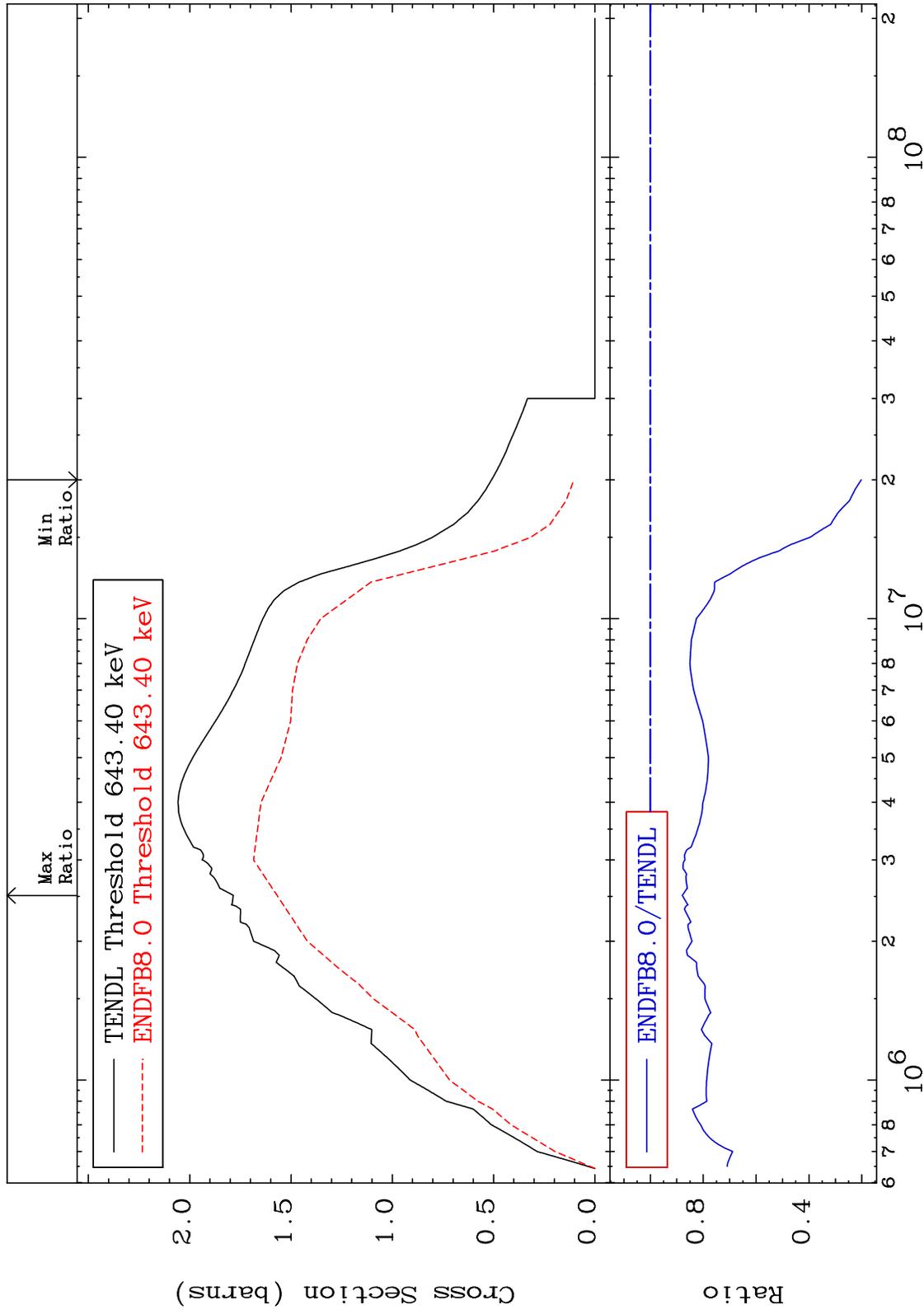
Incident Energy (eV)

³⁴Se-74

MAT 3425

Inelastic
Cross Section

³⁴Se-74
-79.81 To -12.14%

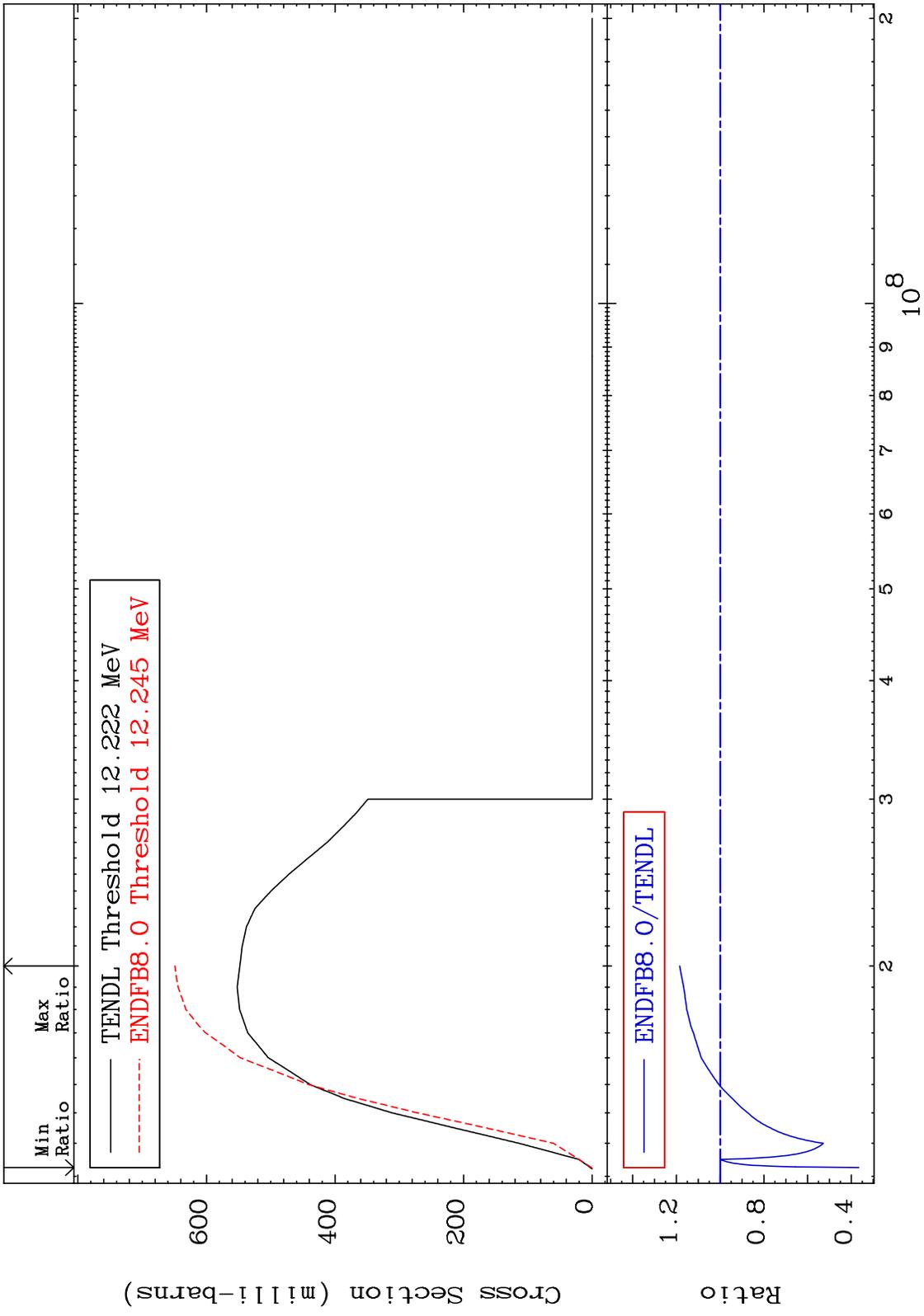


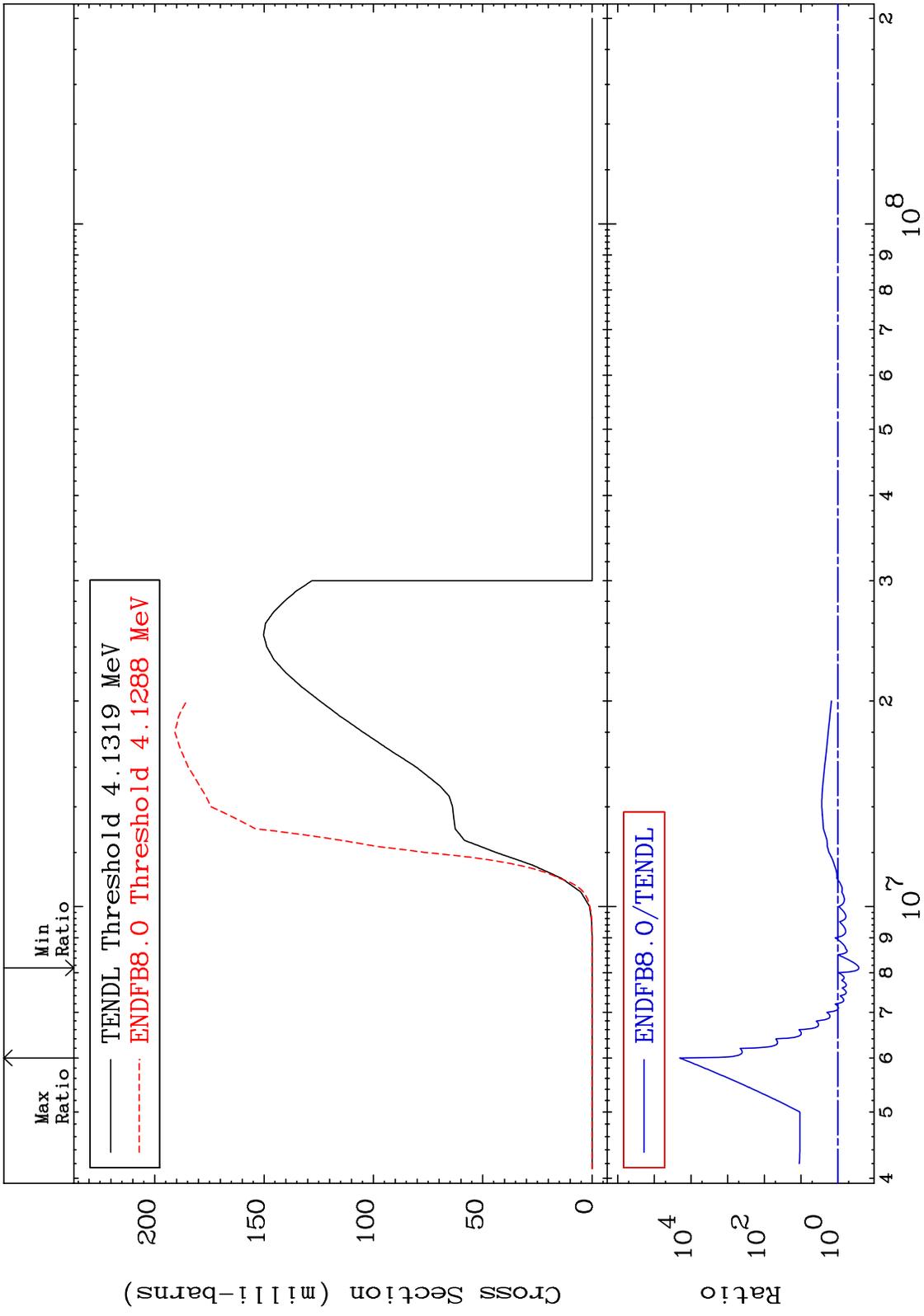
3

Incident Energy (eV)

³⁴Se-74

MAT 3425 $(n,2n)$ Cross Section $^{34}\text{Se-74}$
 -63.39 To 18.45 %

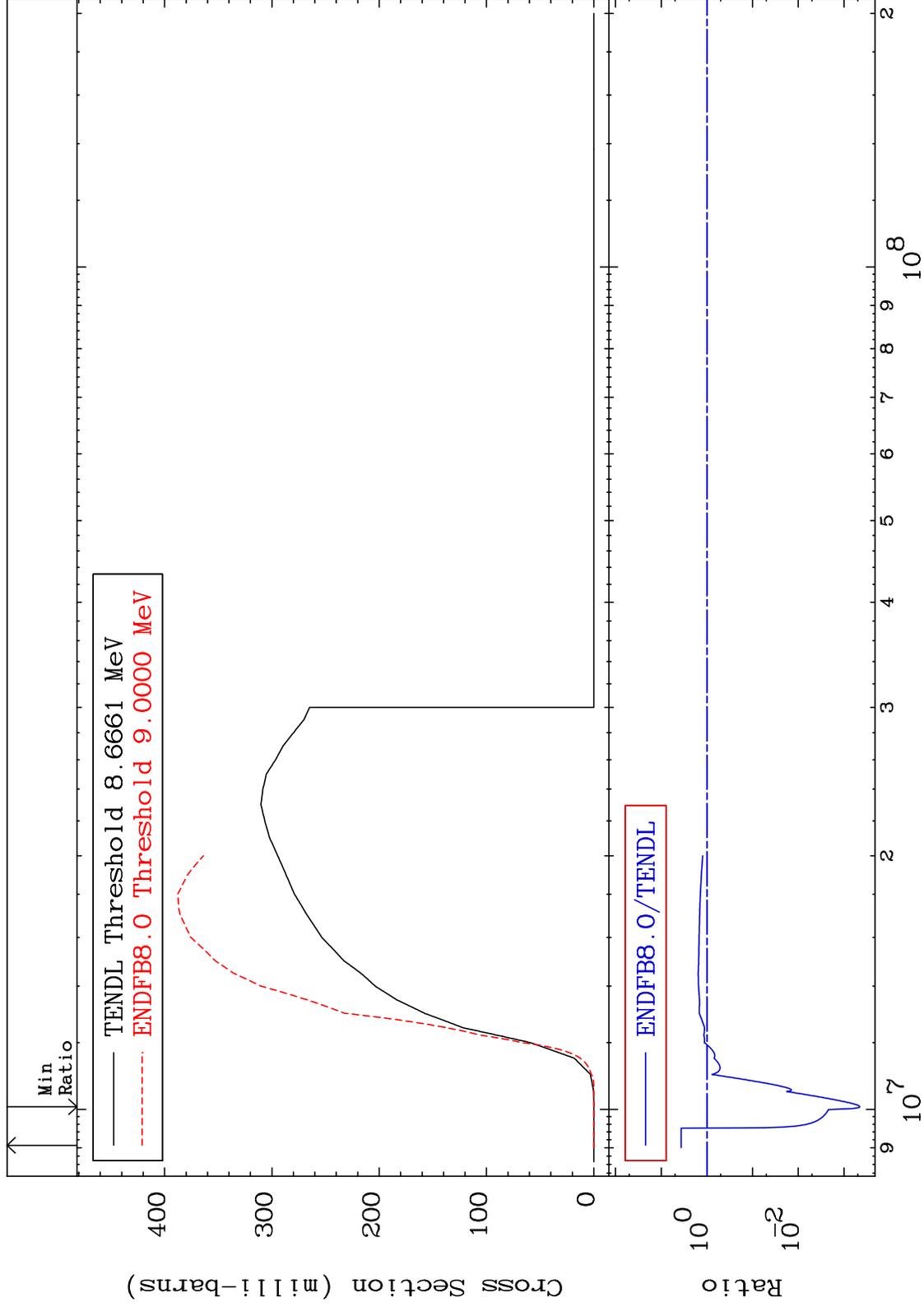




MAT 3425

(n,n') p
Cross Section

³⁴Se-74
-99.95 To 264.4 %

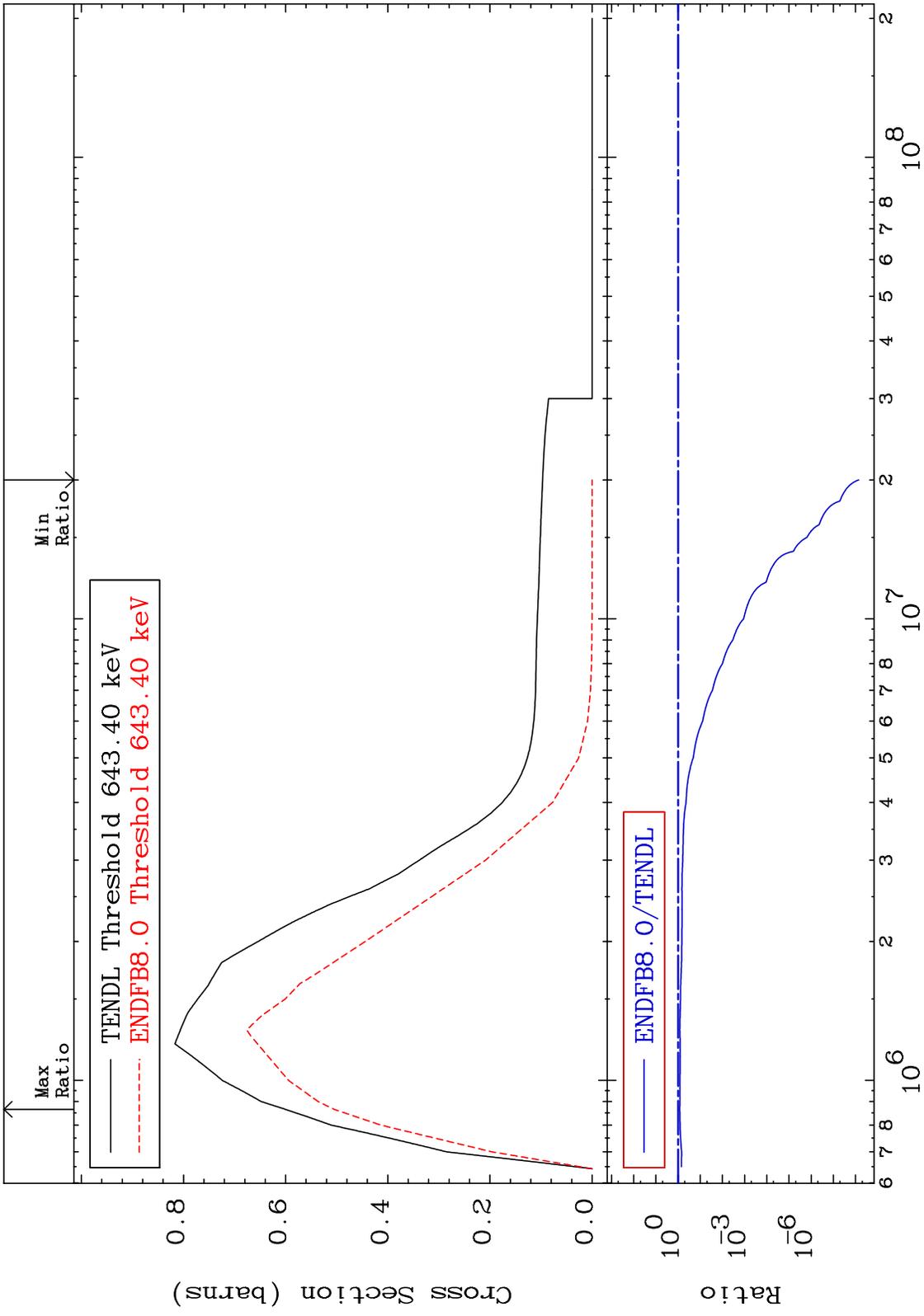


6

Incident Energy (eV)

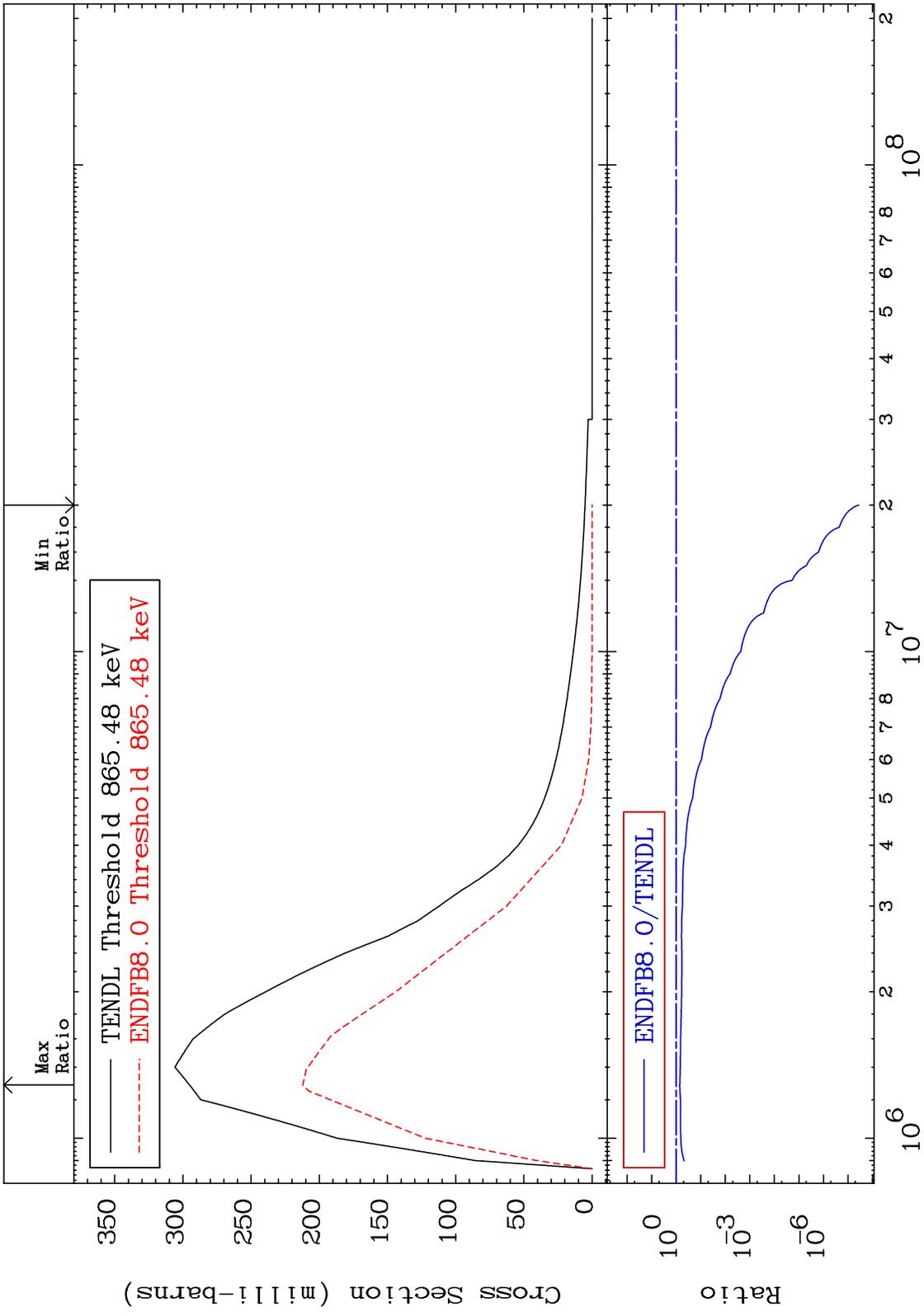
³⁴Se-74

MAT 3425 MT= 51 (n,n') Level Cross Section -100.0 To -15.91% 34-Se-74



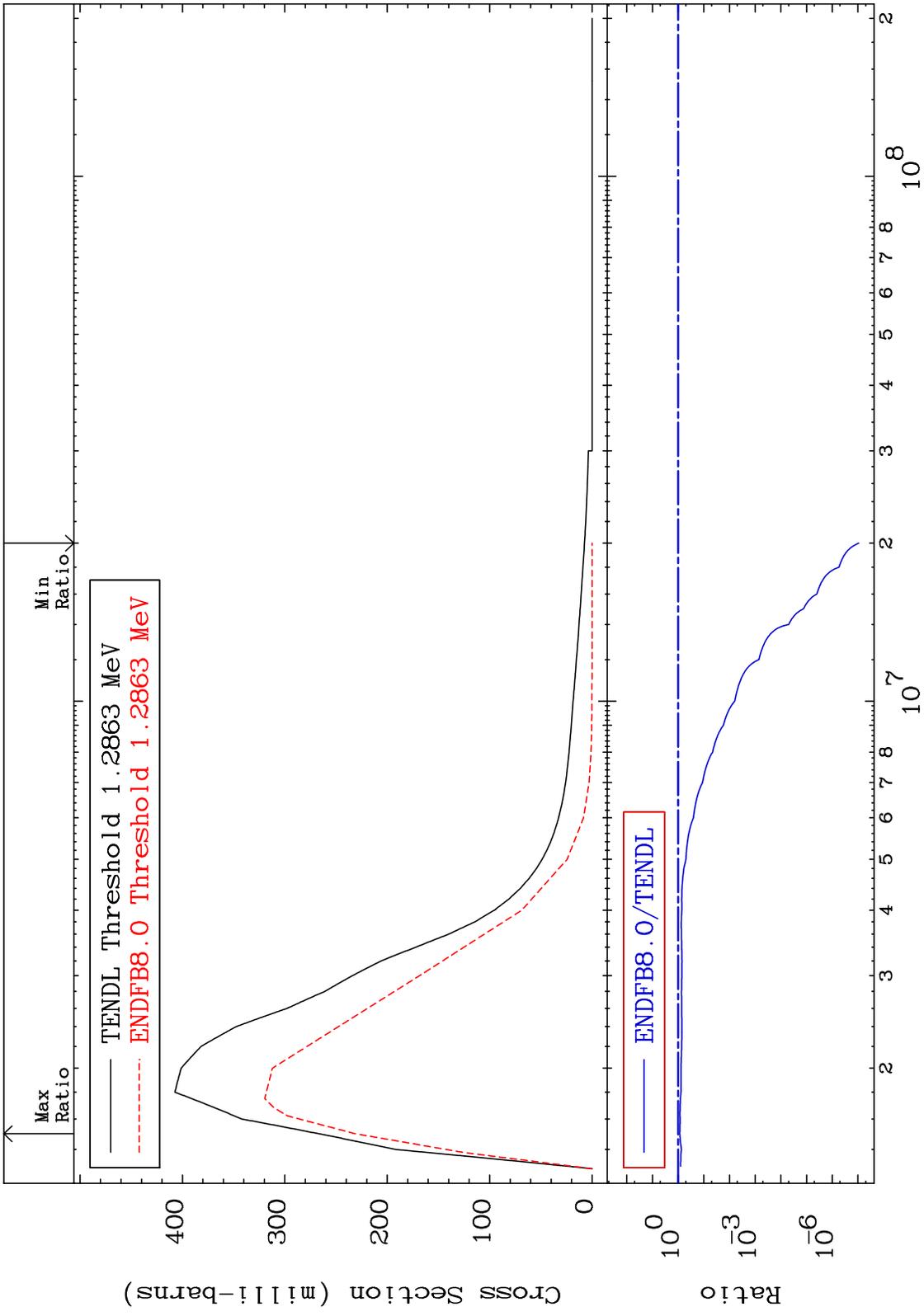
7 Incident Energy (eV) 34-Se-74

MAT 3425 MT= 52 (n,n') Level Cross Section -100.0 To -28.13% 34-Se-74

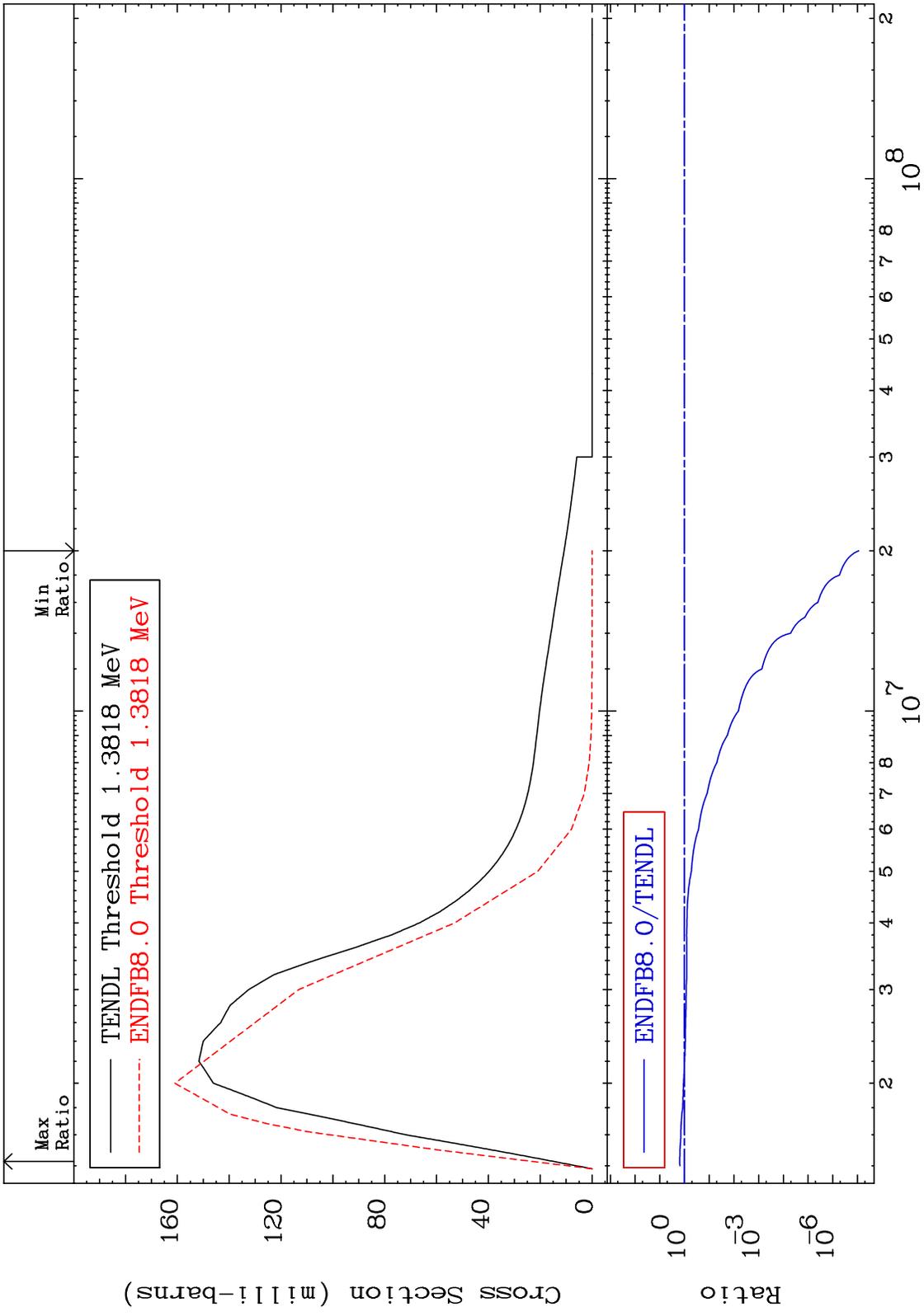


8 Incident Energy (eV) 34-Se-74

MAT 3425 MT= 53 (n,n') Level Cross Section 34-Se-74
 -100.0 To -13.36%

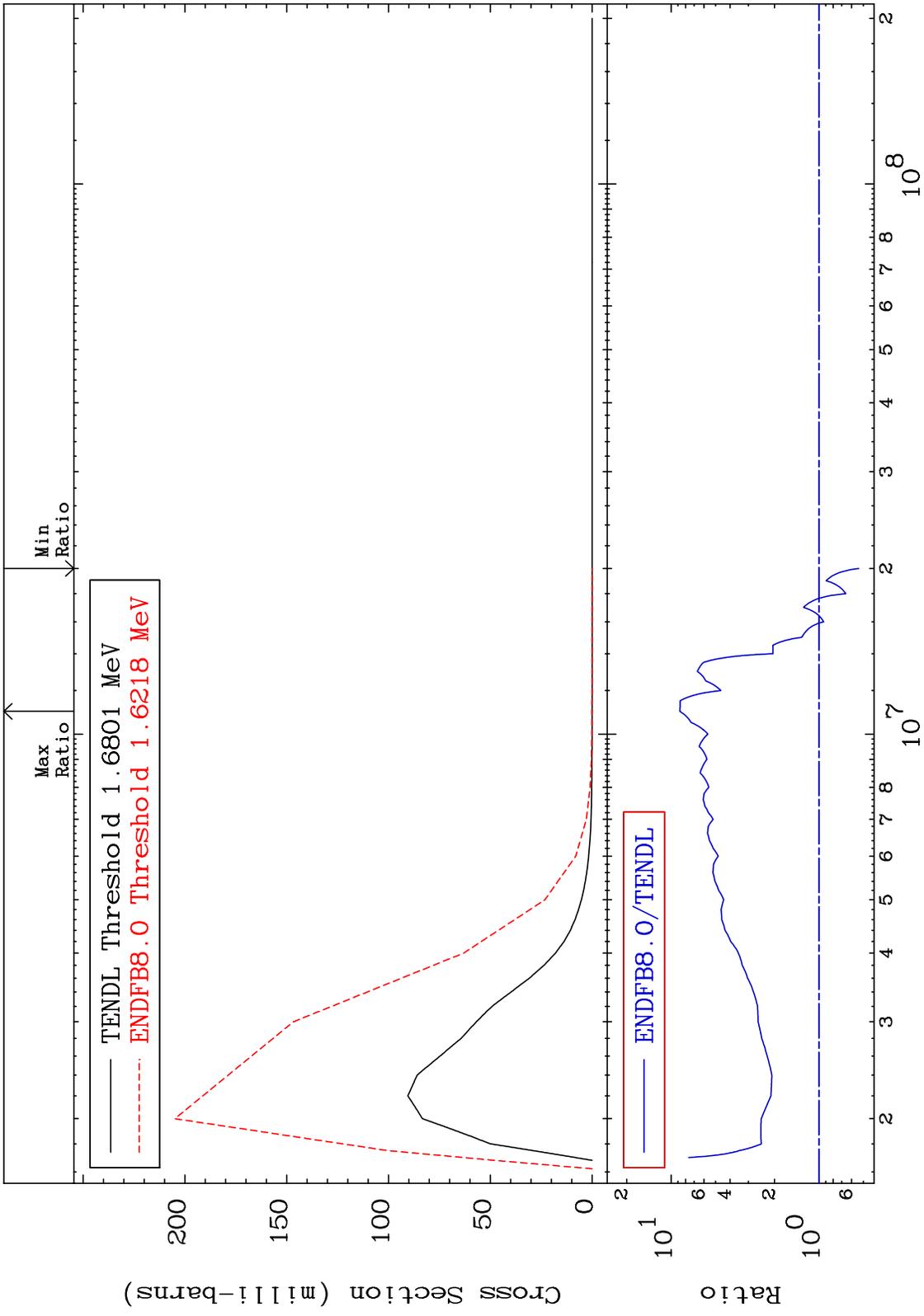


MAT 3425 MT= 54 (n,n') Level Cross Section -100.0 To 55.98 % 34-Se-74



10 Incident Energy (eV) 34-Se-74

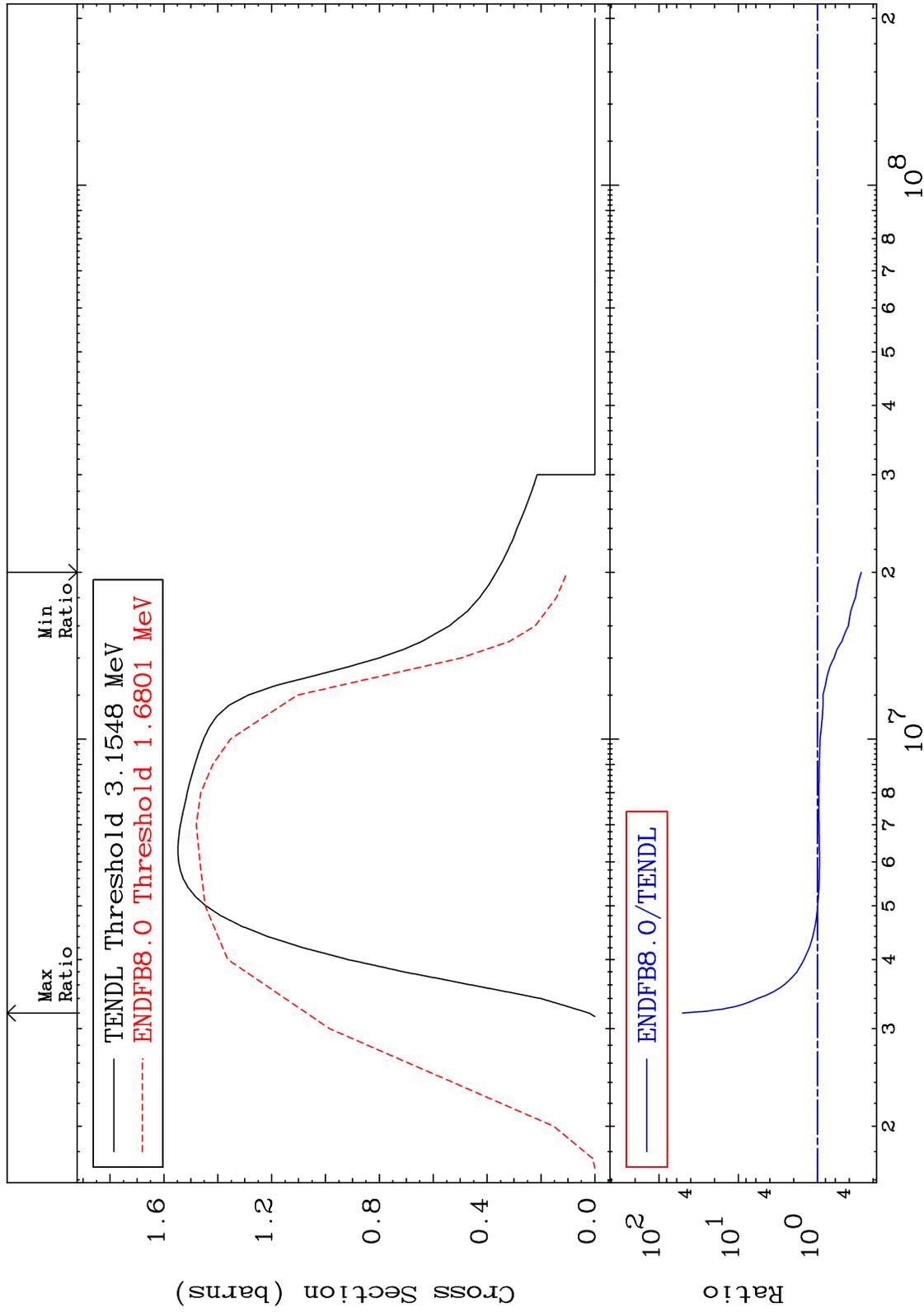
MAT 3425 MT= 55 (n,n') Level Cross Section -46.34 To 775.5 % 34-Se-74



MAT 3425

(n,n') Continuum
Cross Section

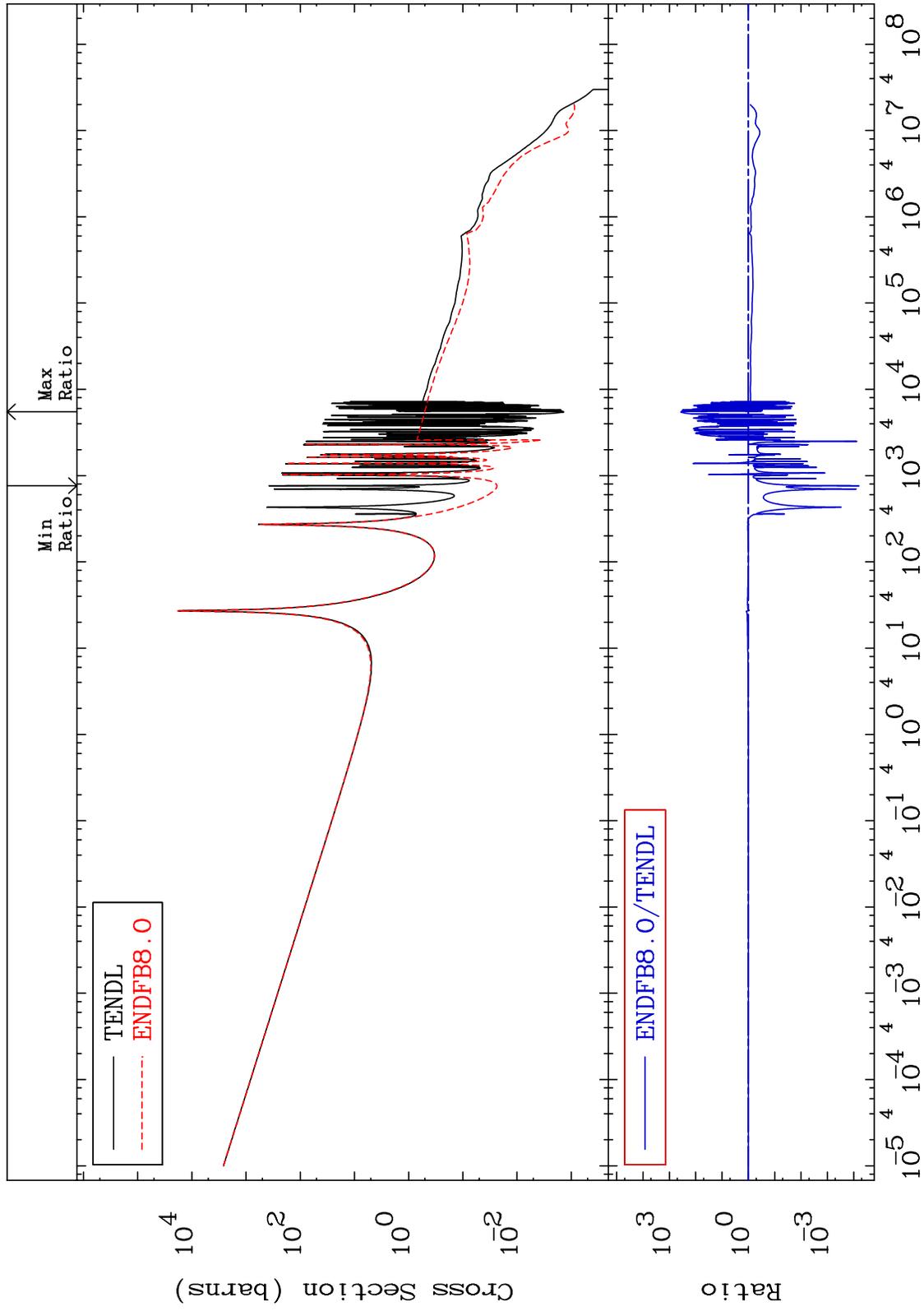
34-Se-74
-71.89 To 4969. %

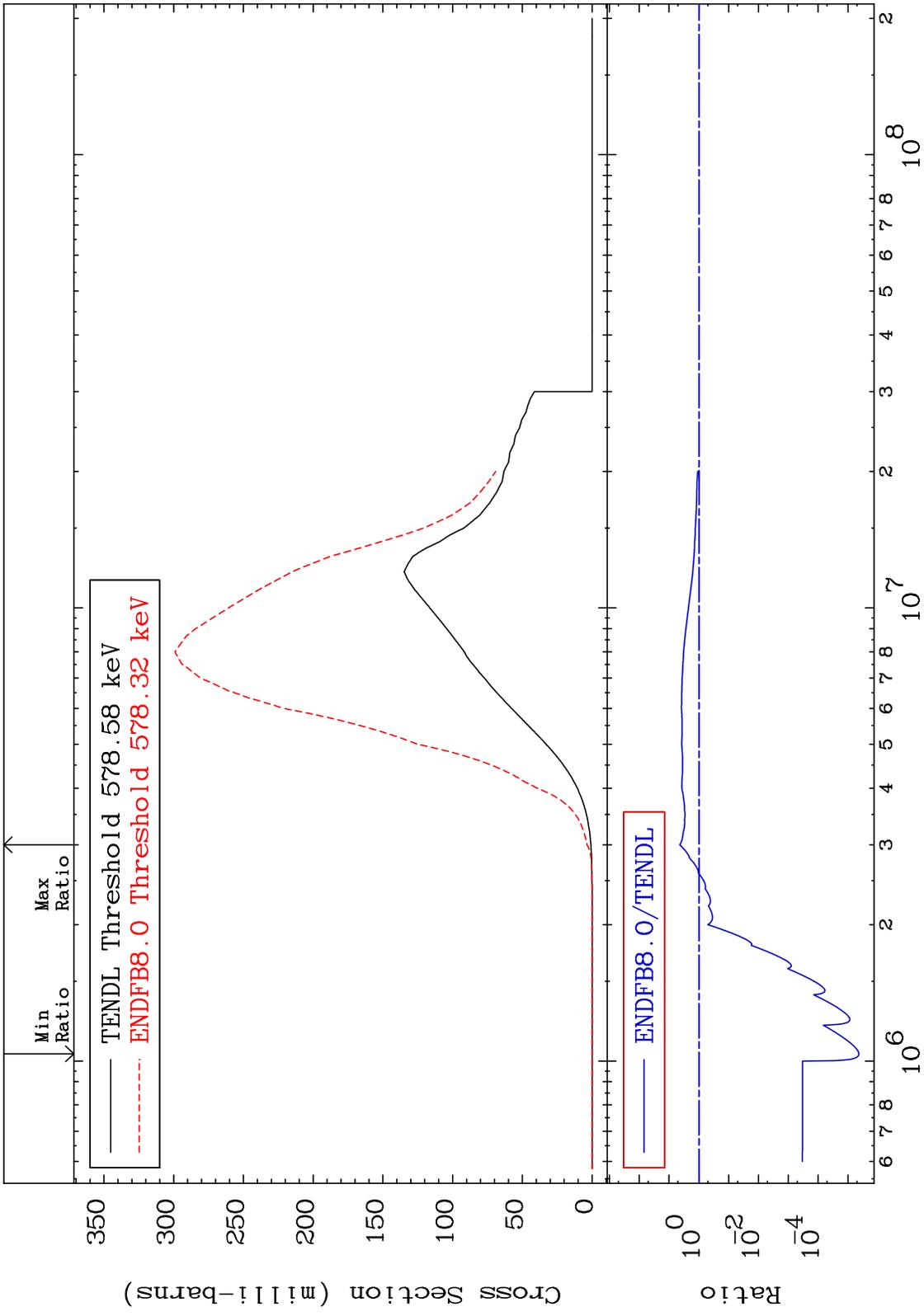


MAT 3425

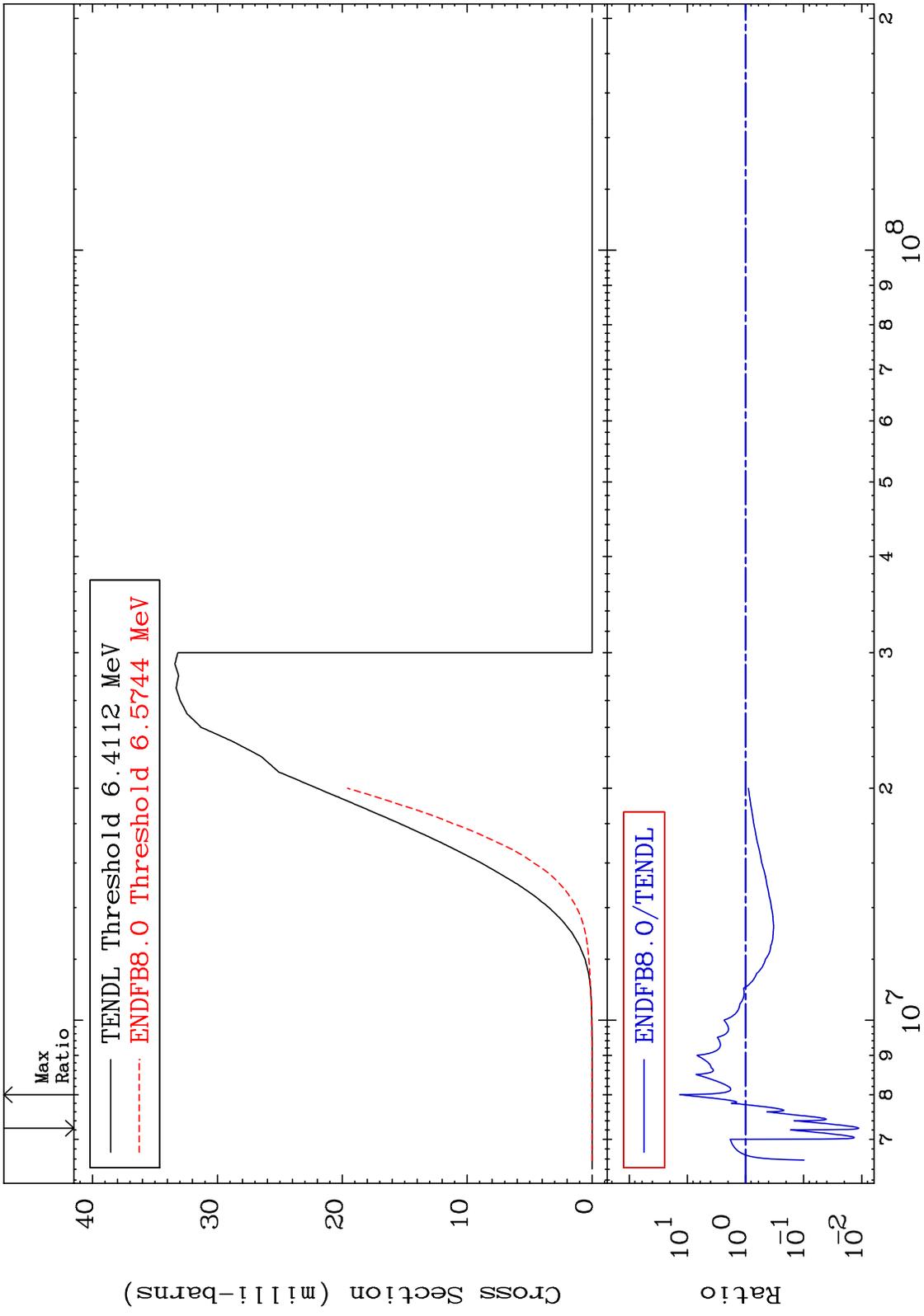
(n, γ)
Cross Section

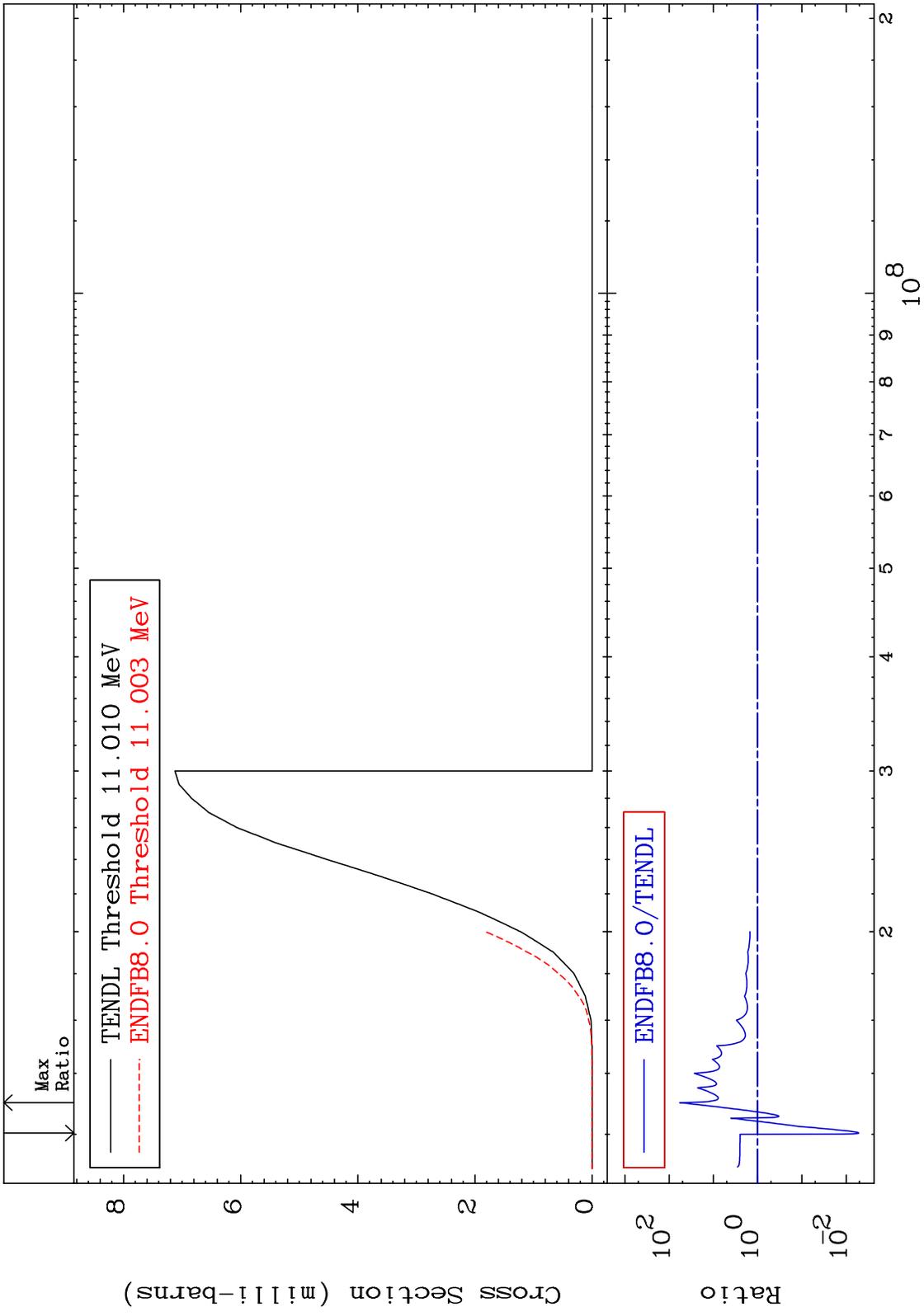
34-Se-74
-99.99 To 9999. %

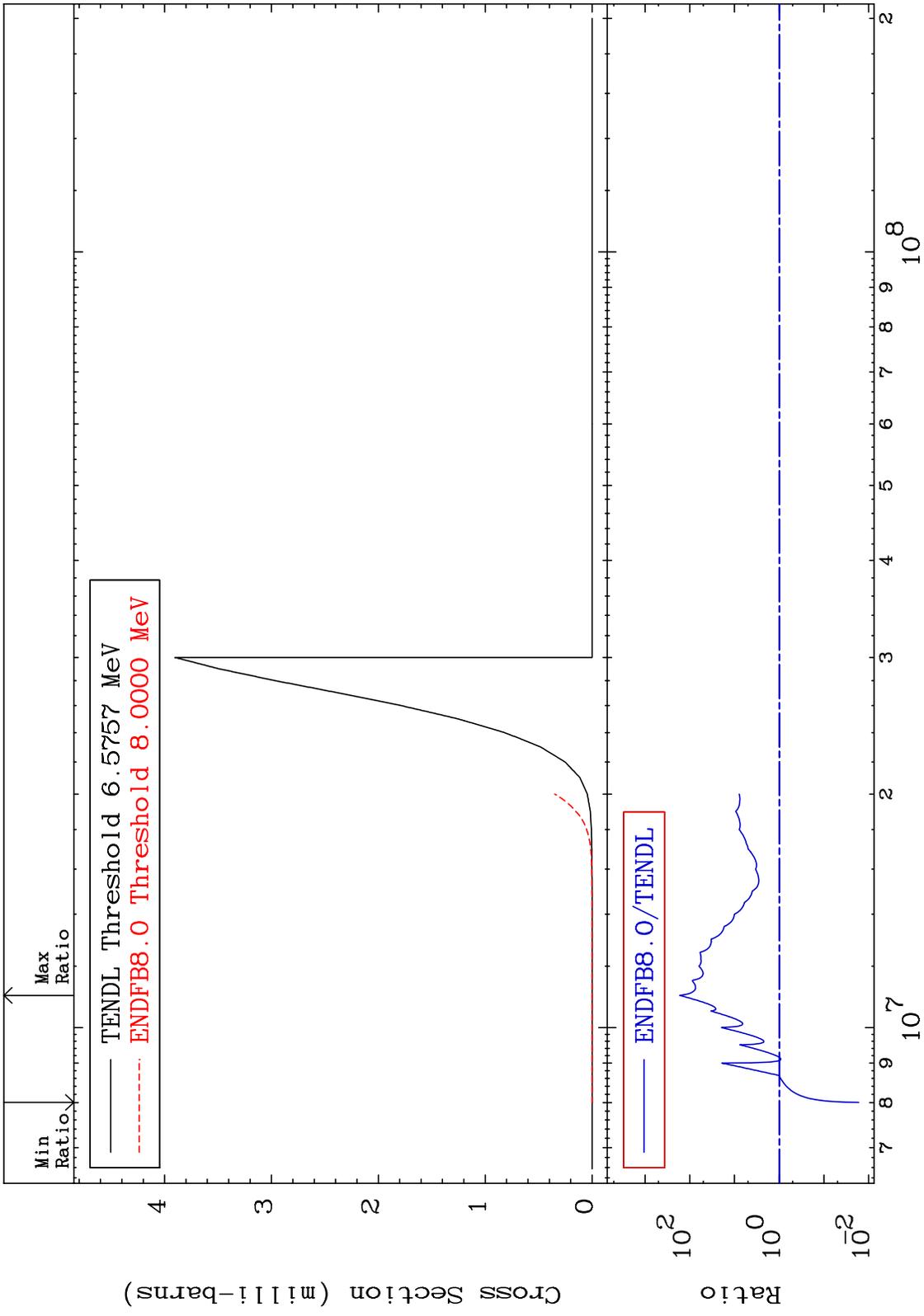




MAT 3425 (n,d) Cross Section ³⁴Se-74 -98.87 To 1252. %







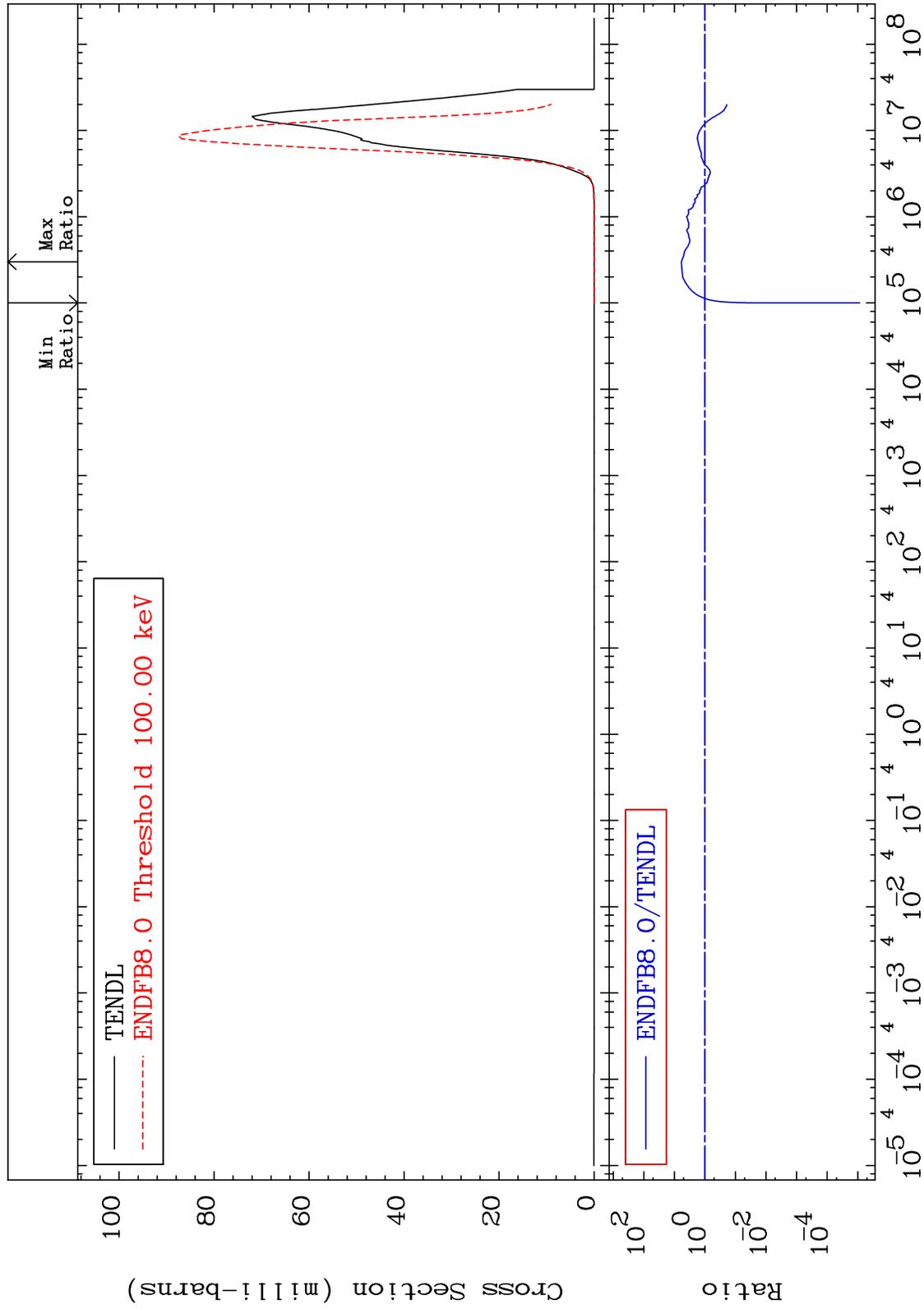
MAT 3425

(n, α)

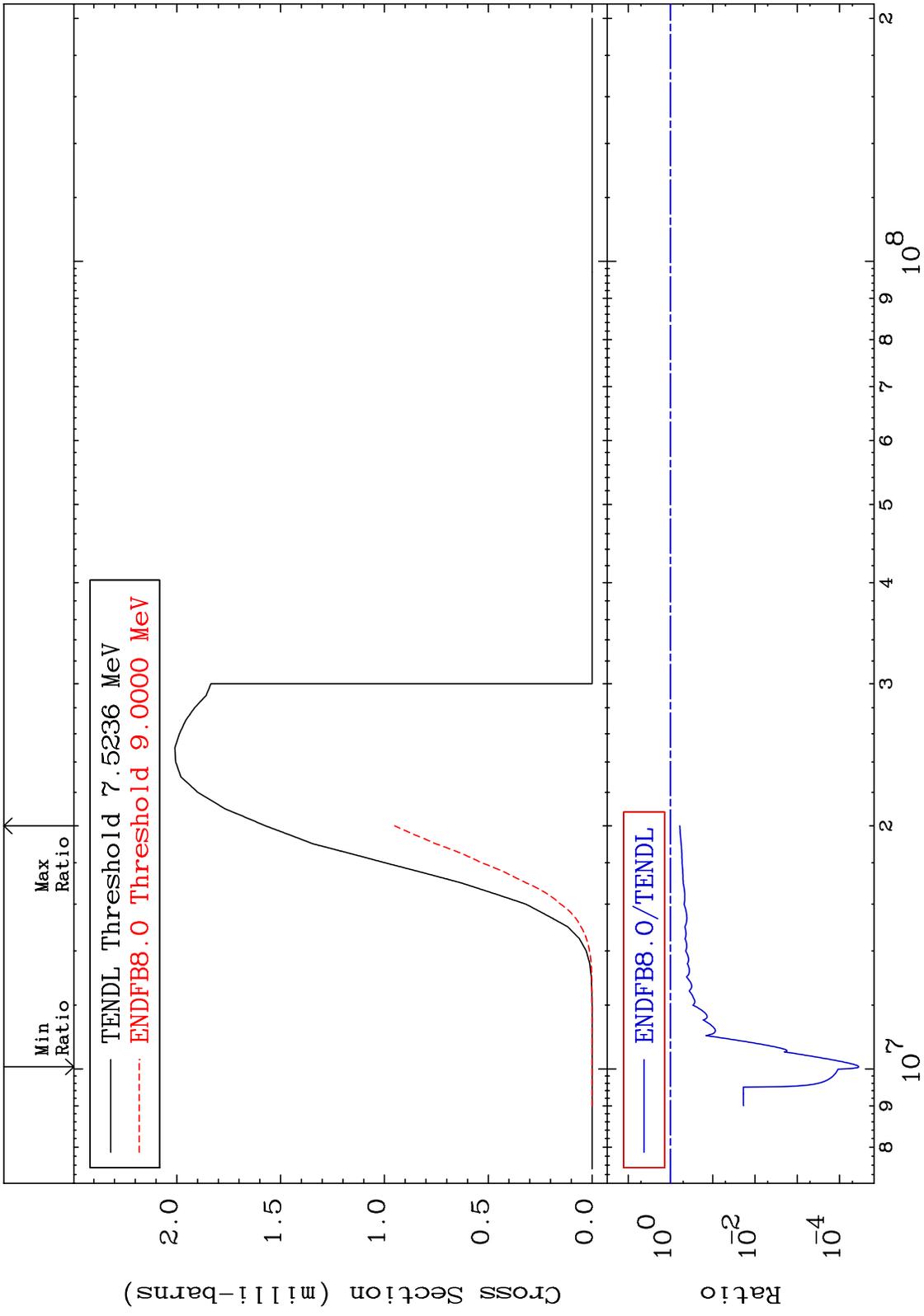
³⁴Se-74

Cross Section

-100.0 To 488.8 %



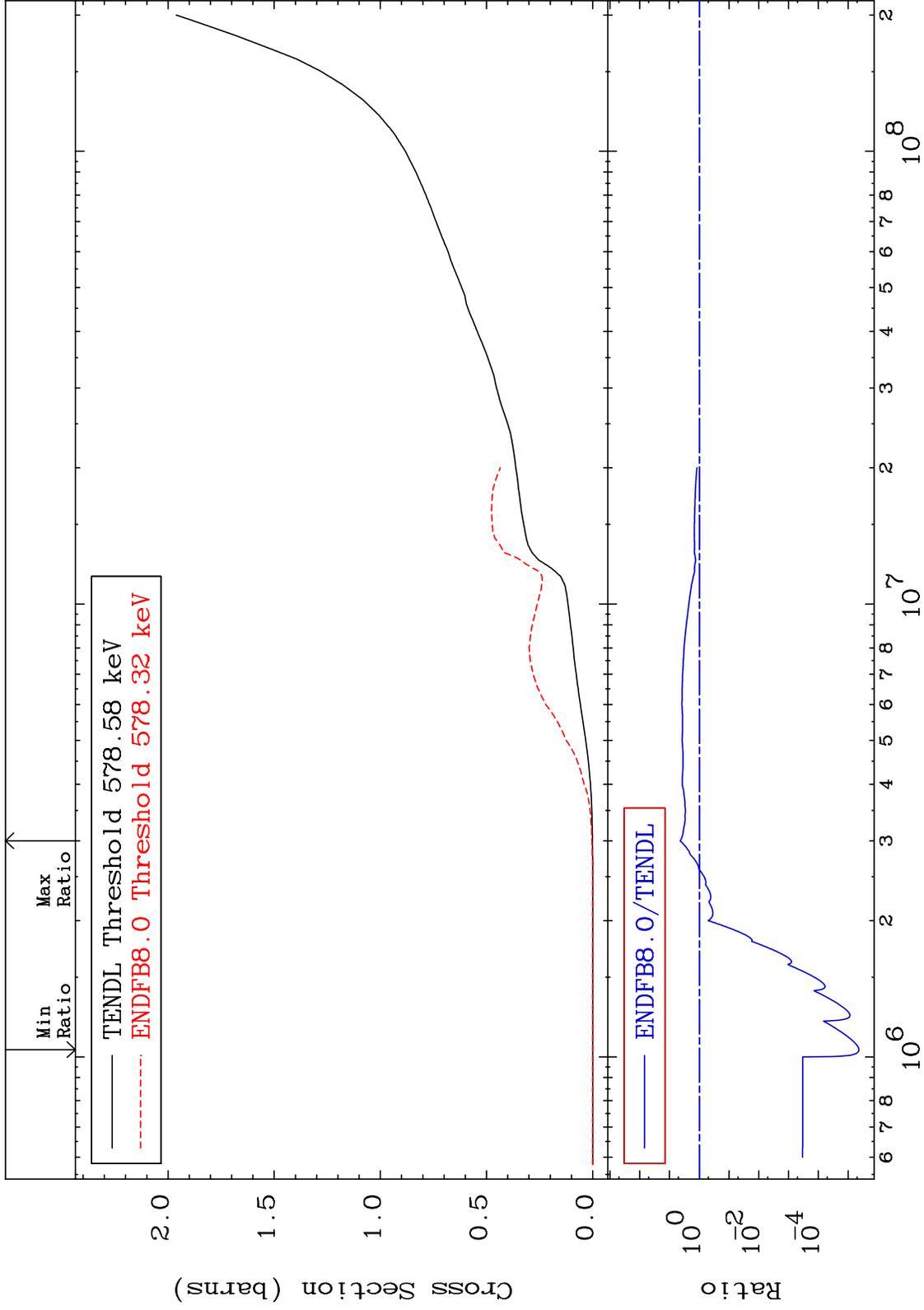
MAT 3425 (n,2p) Cross Section ³⁴Se-74 -100.0 To -39.54%



MAT 3425

Hydrogen Production Cross Section

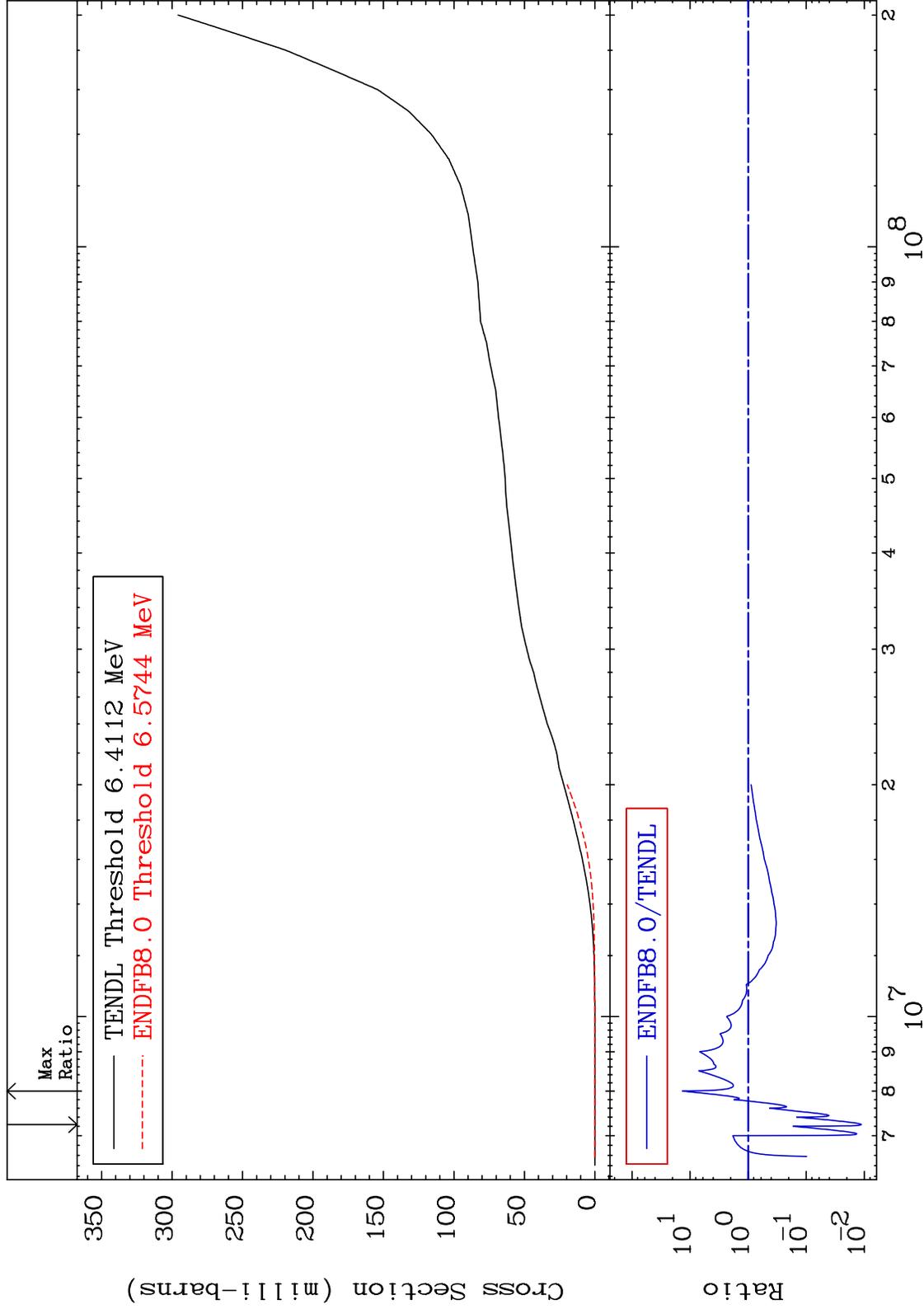
³⁴Se-74
-100.0 To 337.9 %



MAT 3425

Deuterium Production
Cross Section

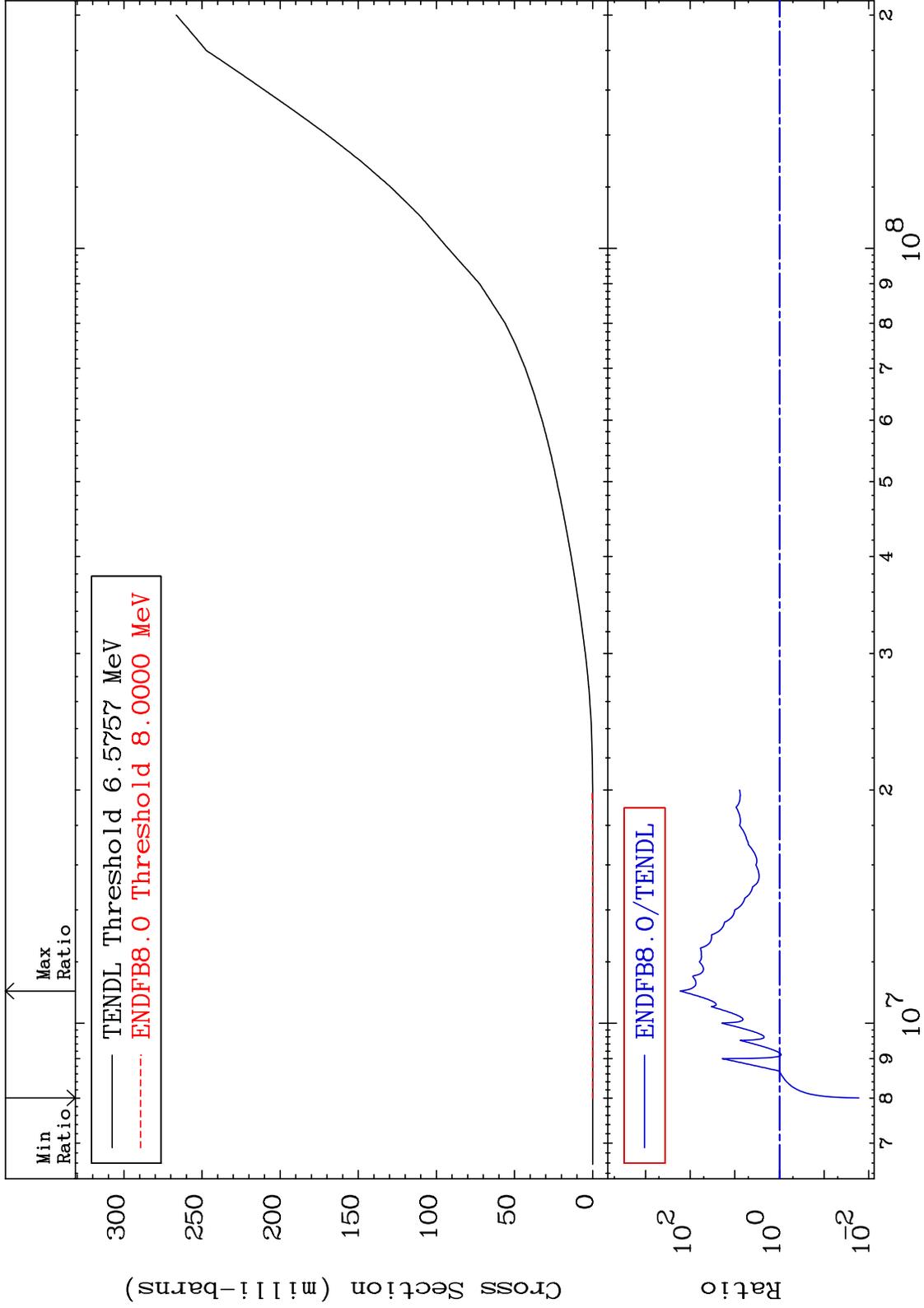
³⁴Se-74
-98.87 To 1252. %



MAT 3425

He-3 Production
Cross Section

34-Se-74
-98.34 To 9999. %



23

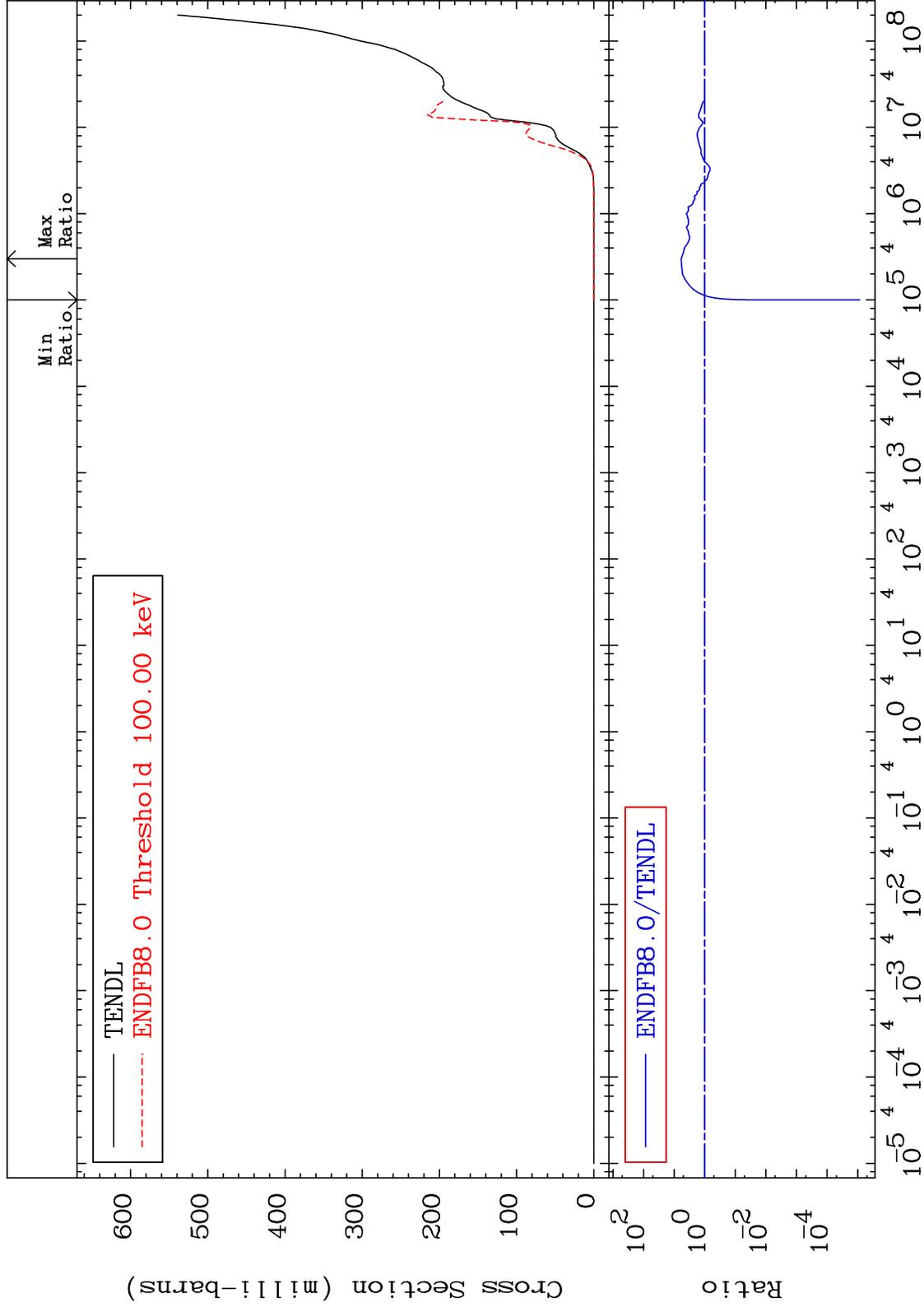
Incident Energy (eV)

34-Se-74

MAT 3425

He-4 Production
Cross Section

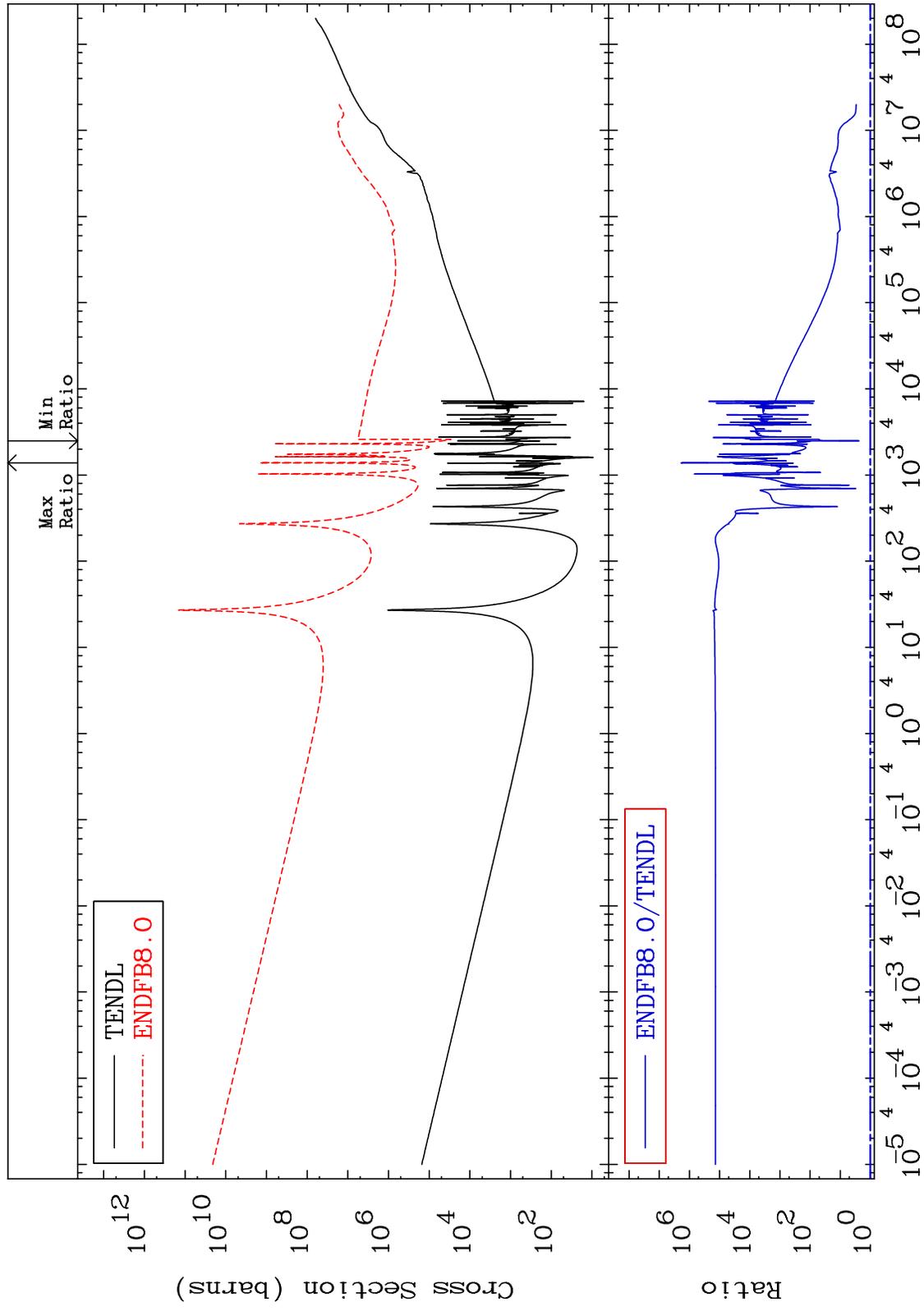
34-Se-74
-100.0 To 488.8 %



MAT 3425

Kerma total (eV-barns)
Cross Section

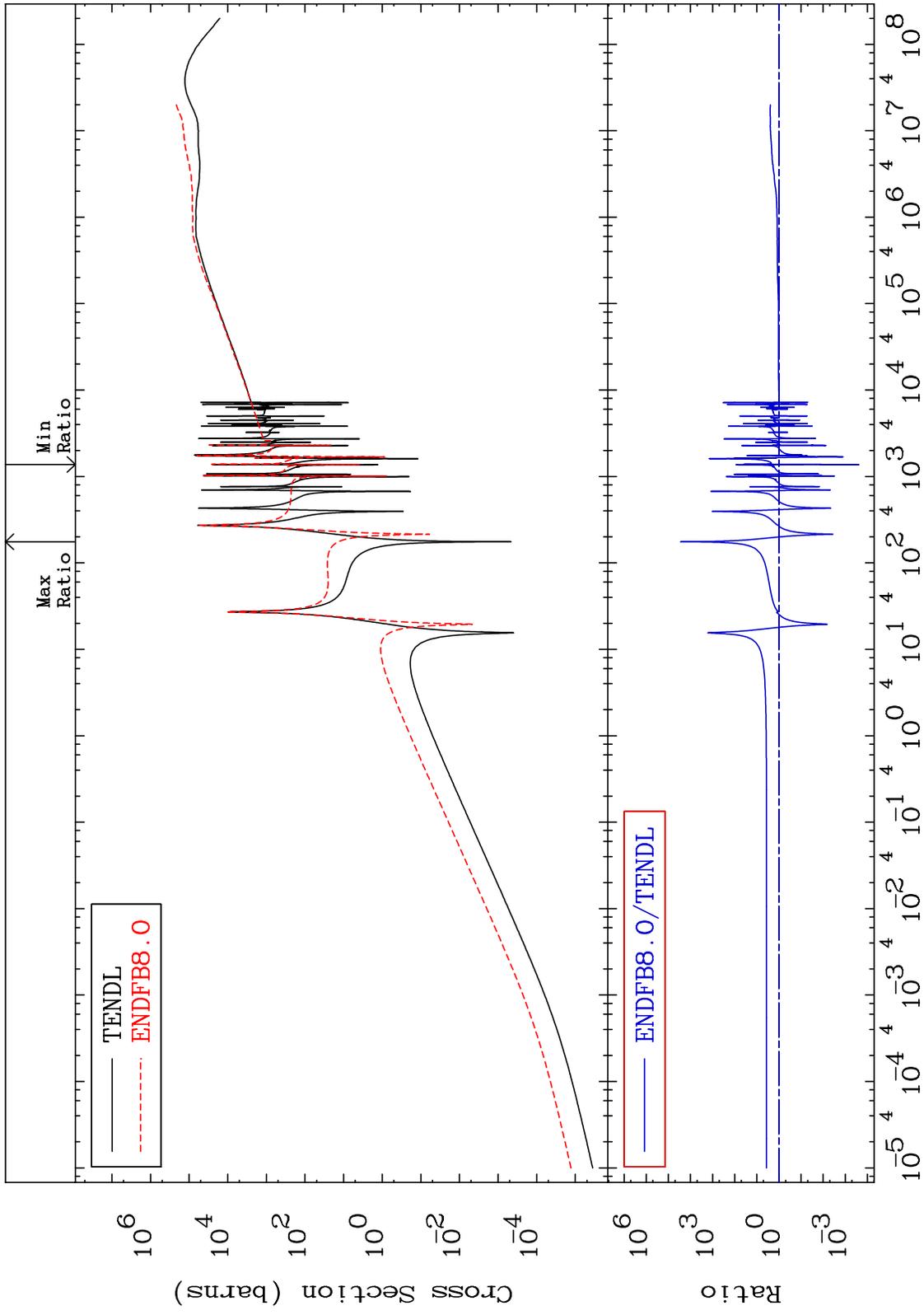
34-Se-74
136.8 To 9999. %



MAT 3425

Kerma elastic
Cross Section

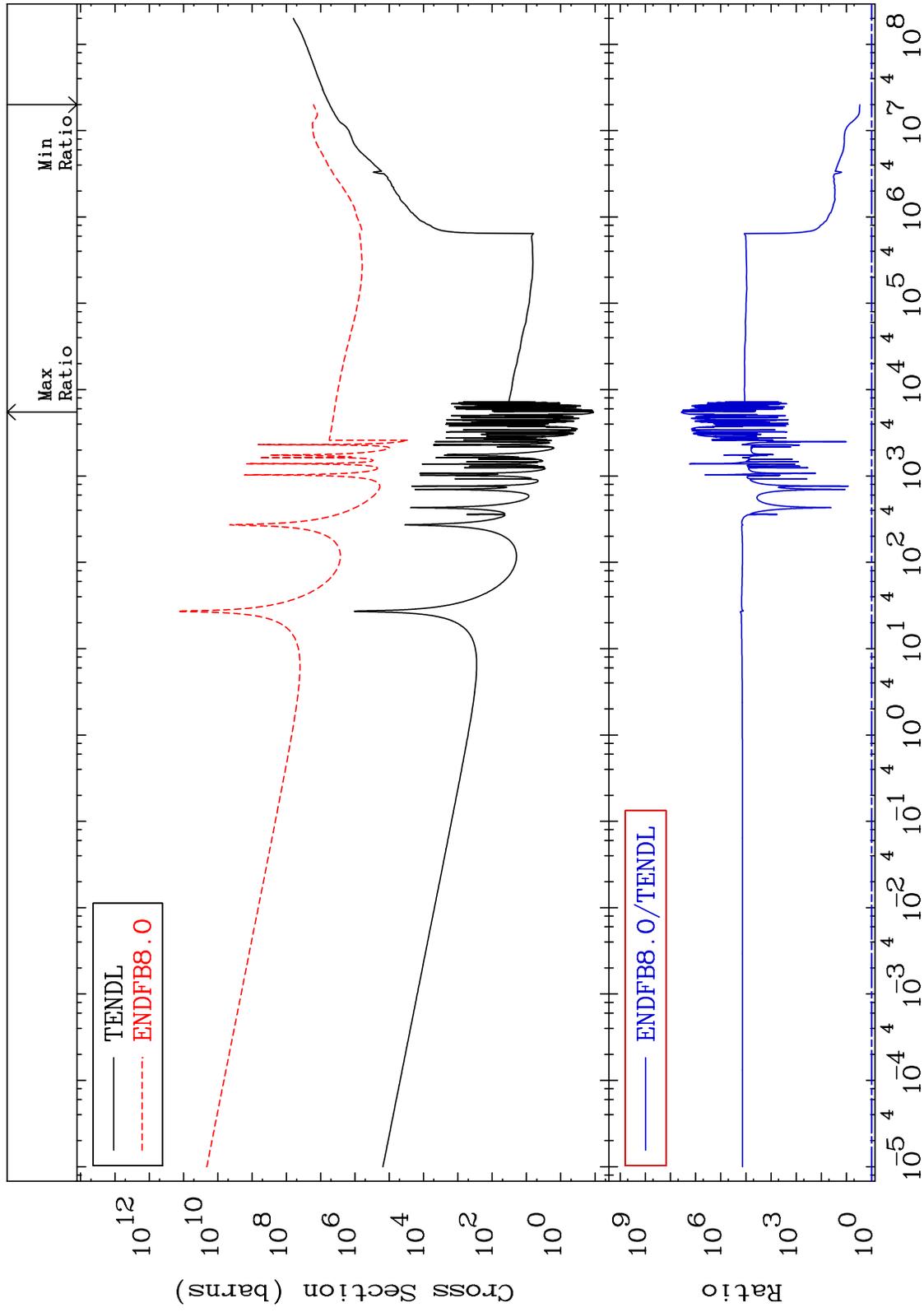
³⁴Se-74
-99.98 To 9999. %

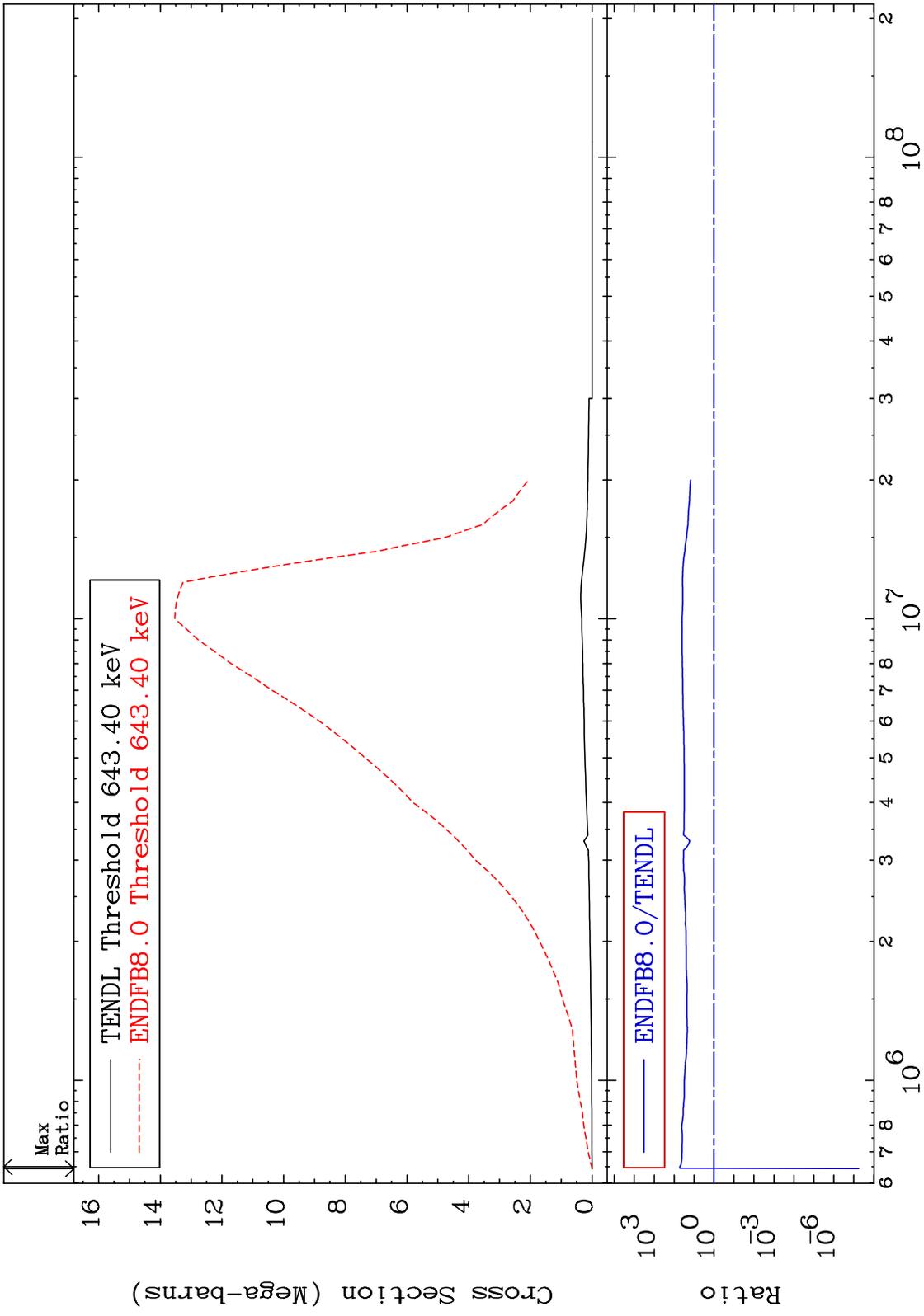


MAT 3425

Kerma non-elastic (all but mt2)
Cross Section

34-Se-74
195.8 To 9999. %

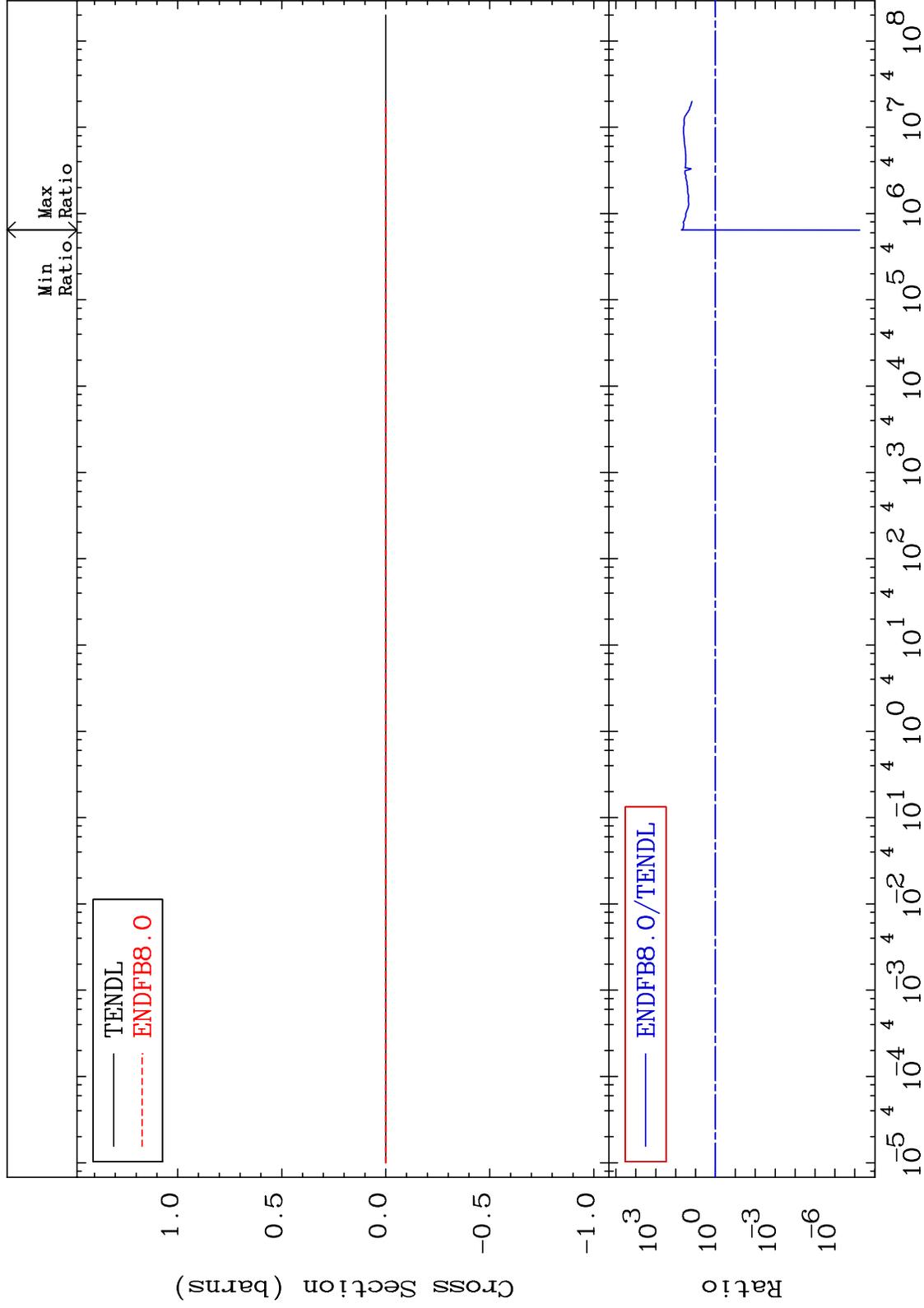




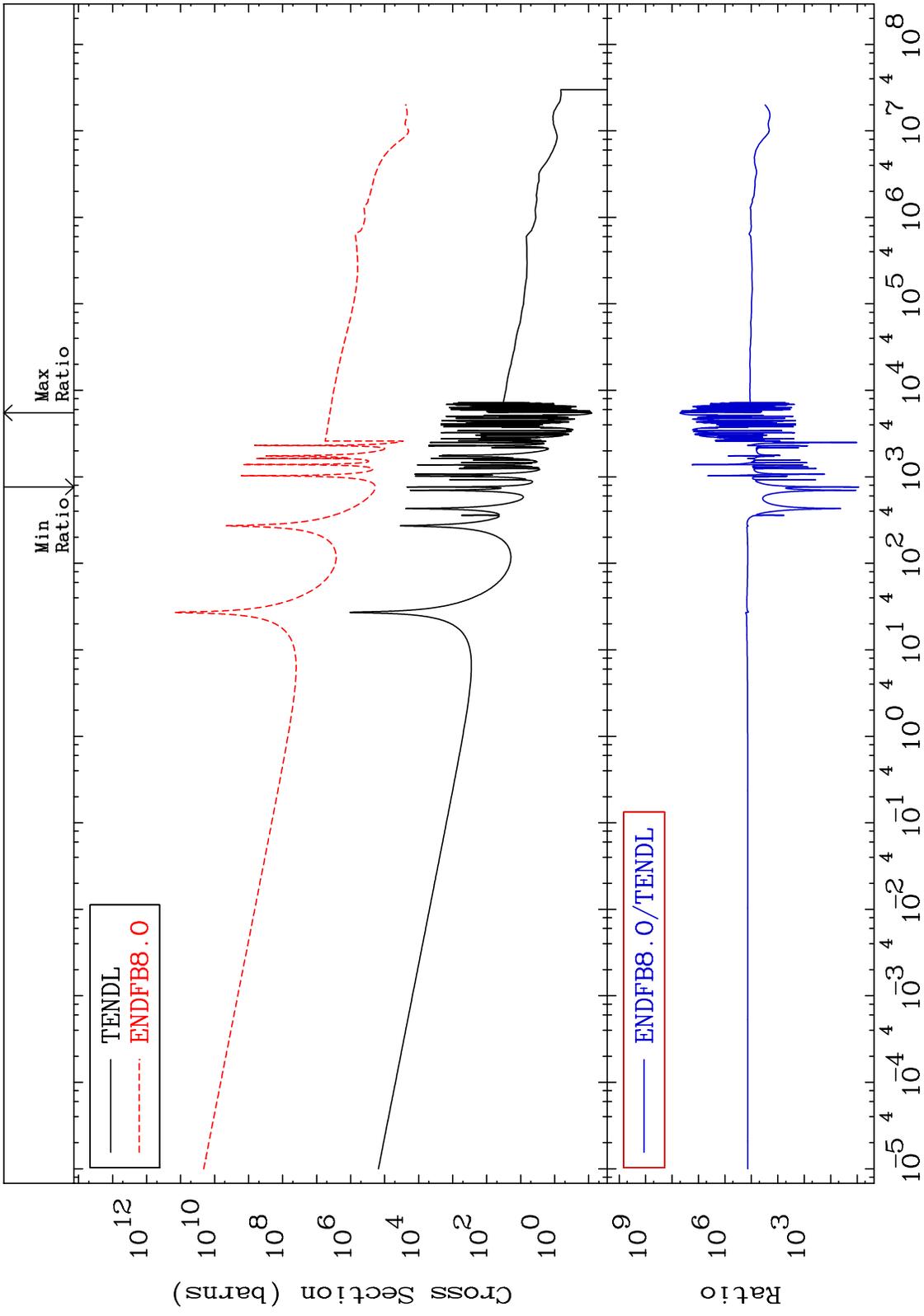
MAT 3425

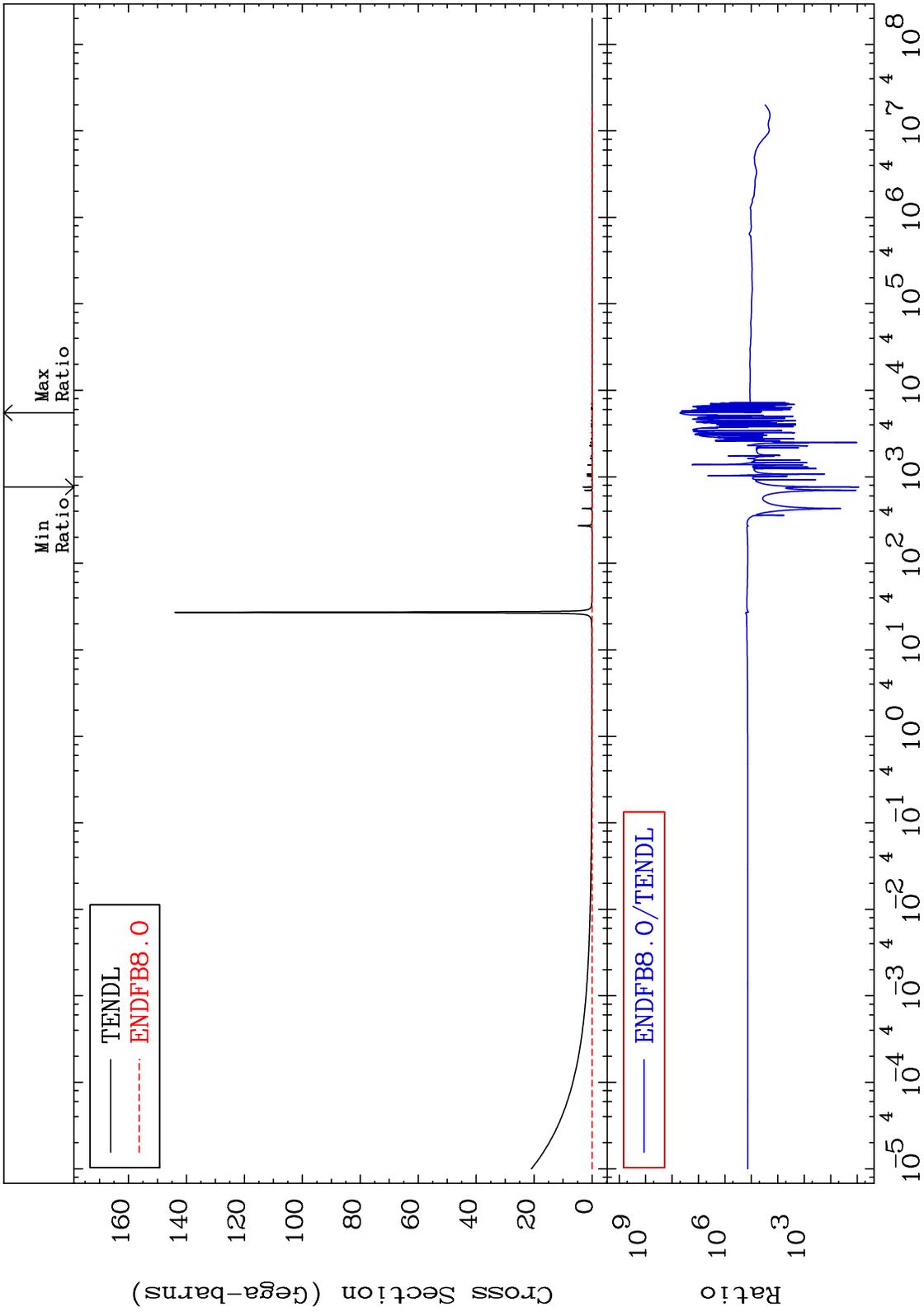
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

34-Se-74
-100.0 To 5138. %

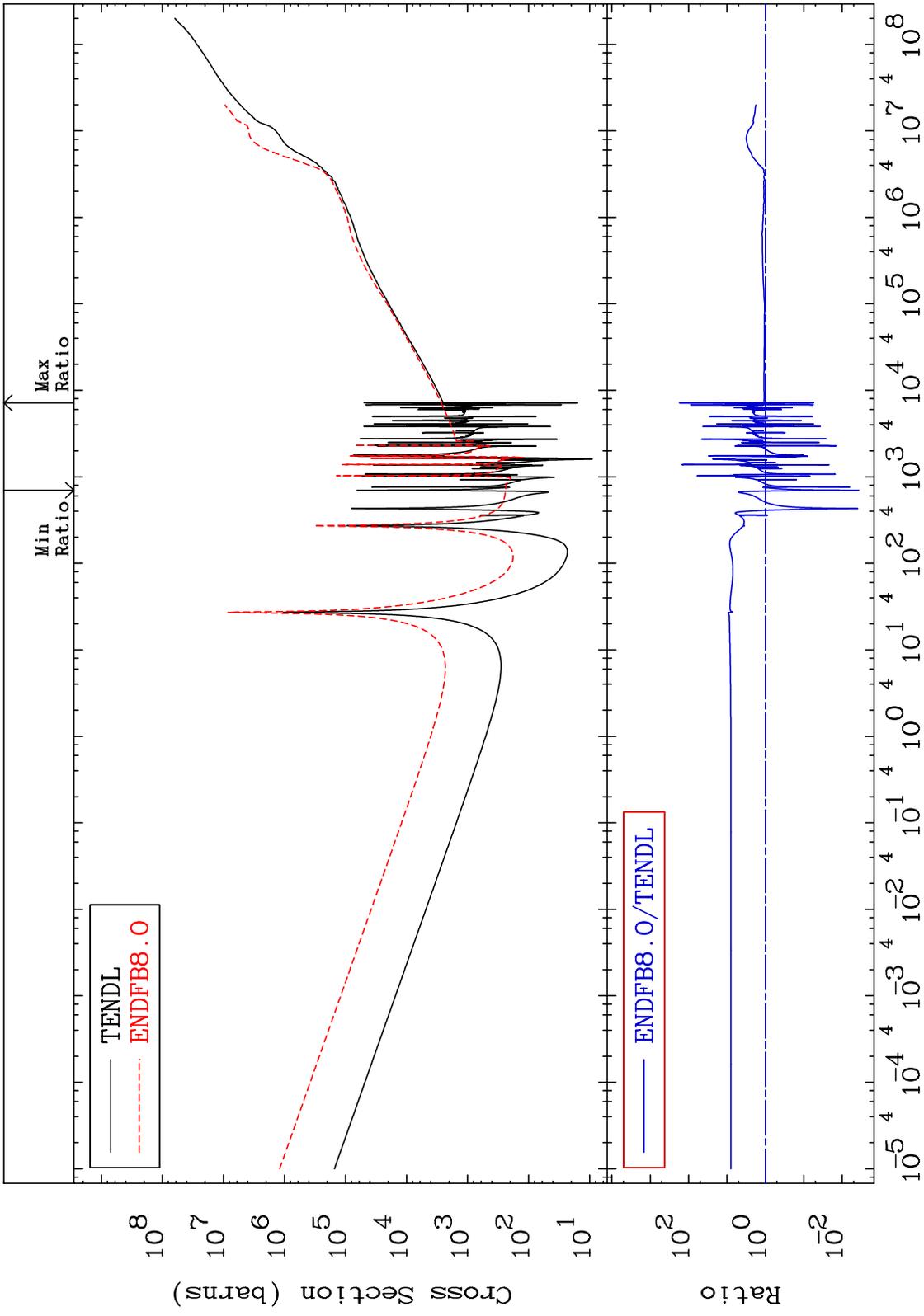


MAT 3425 Kerma capture (mt102) 34-Se-74
 Cross Section 764.4 To 9999. %





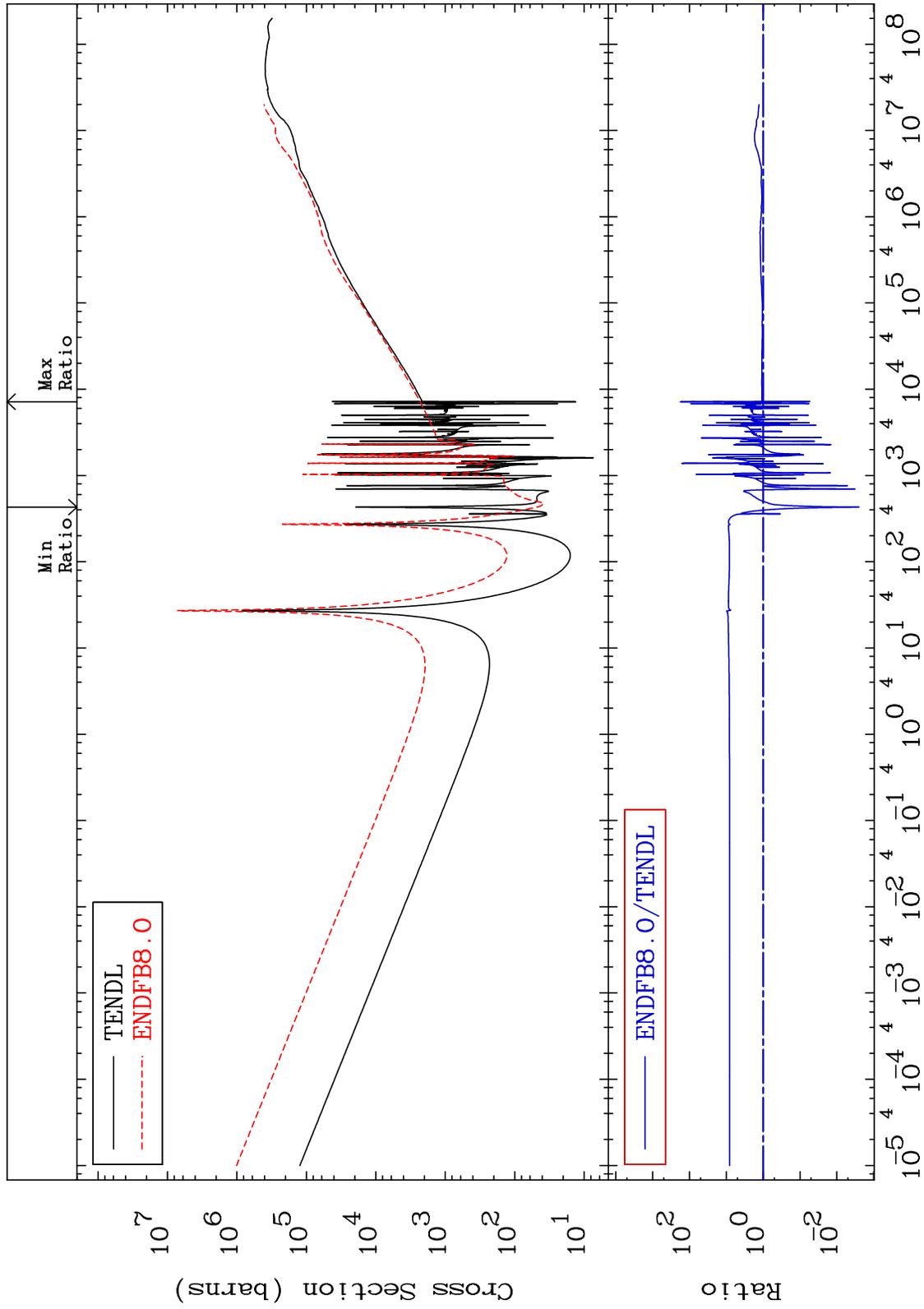
MAT 3425 Total kinematic kerma (high limit) ³⁴Se-74
 -99.63 To 9999. %
 Cross Section



MAT 3425

Dpa total (eV-barns)
Cross Section

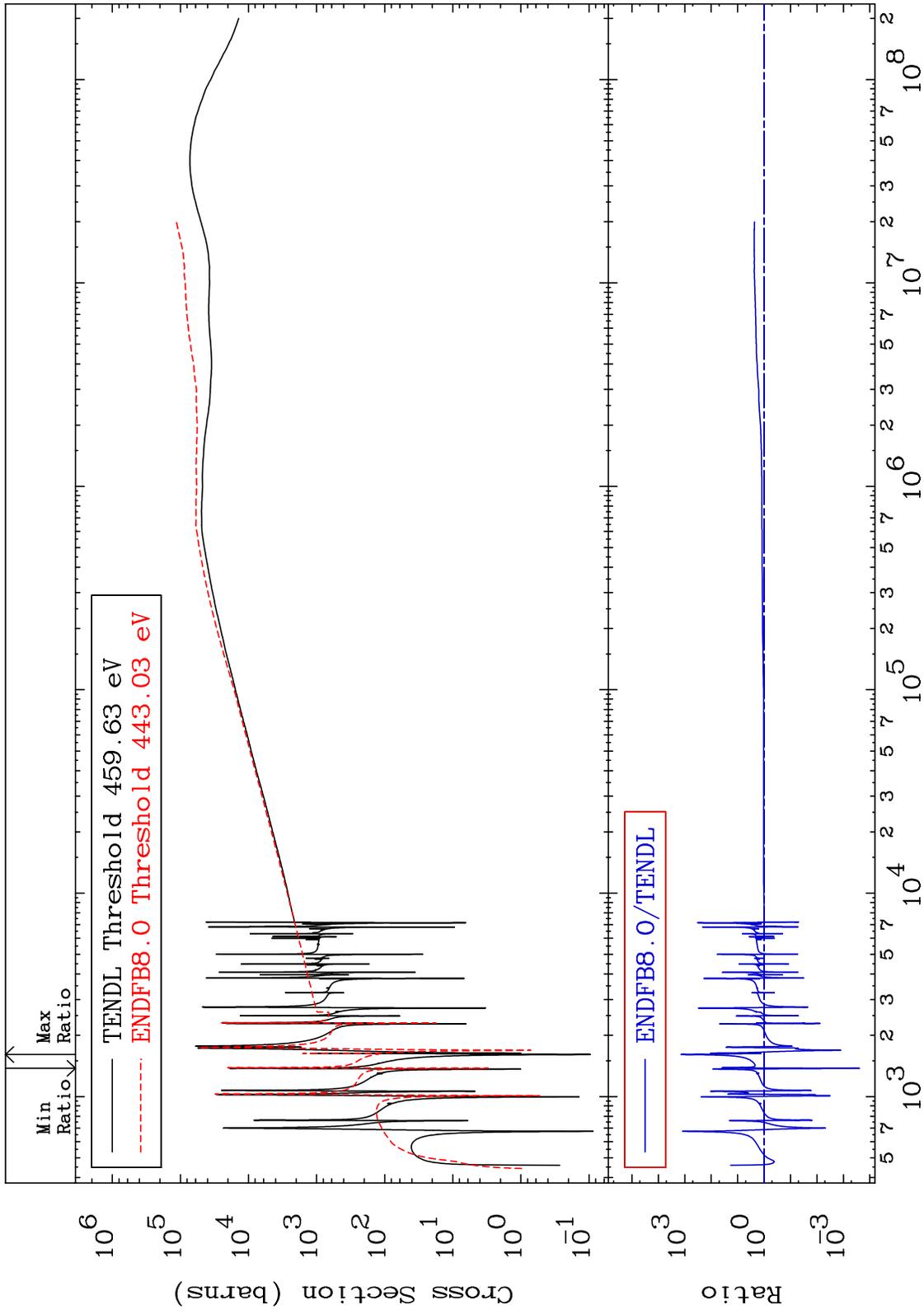
34-Se-74
-99.75 To 9999. %



MAT 3425

Dpa elastic (mt2)
Cross Section

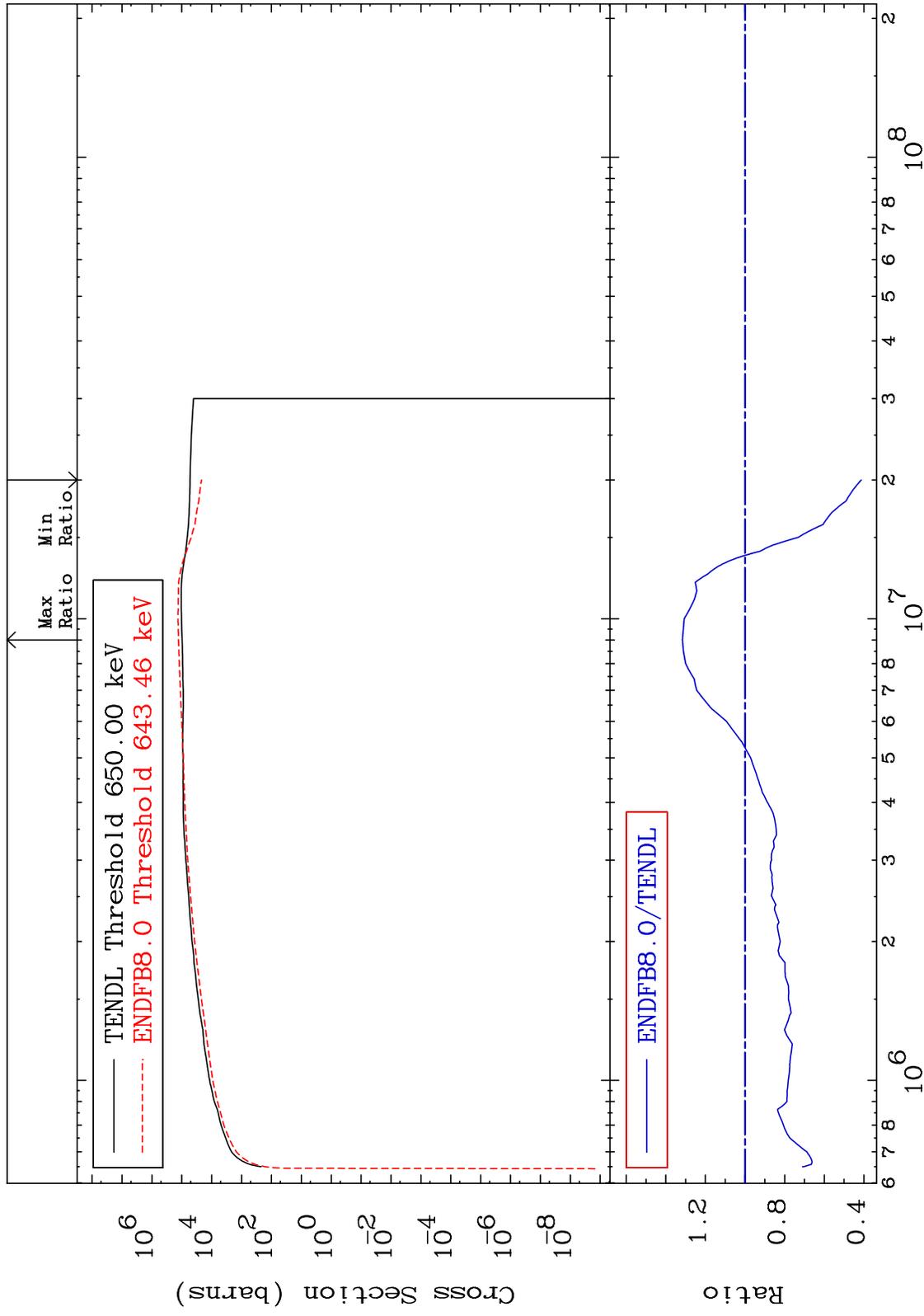
34-Se-74
-99.98 To 9999. %



MAT 3425

Dpa inelastic (mt51-91)
Cross Section

34-Se-74
-58.72 To 31.60 %



MAT 3425

Dpa disappearance (mt102 -120)
Cross Section

34-Se-74
-99.95 To 9999. %

