

Program Complot
(Version 2018-1)

by

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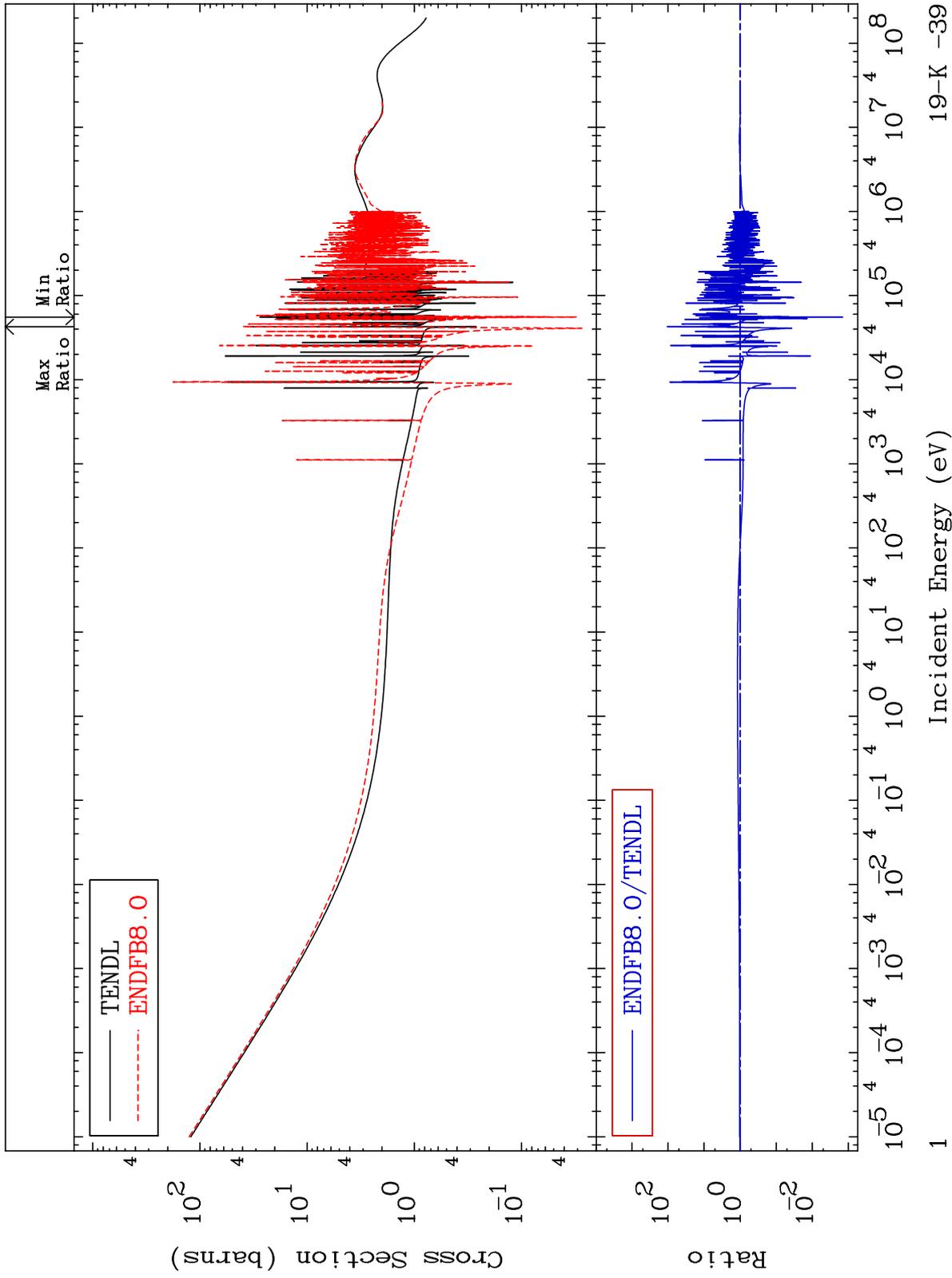
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1925

Total
Cross Section

19-K -39
-99.86 To 9999. %



19-K -39

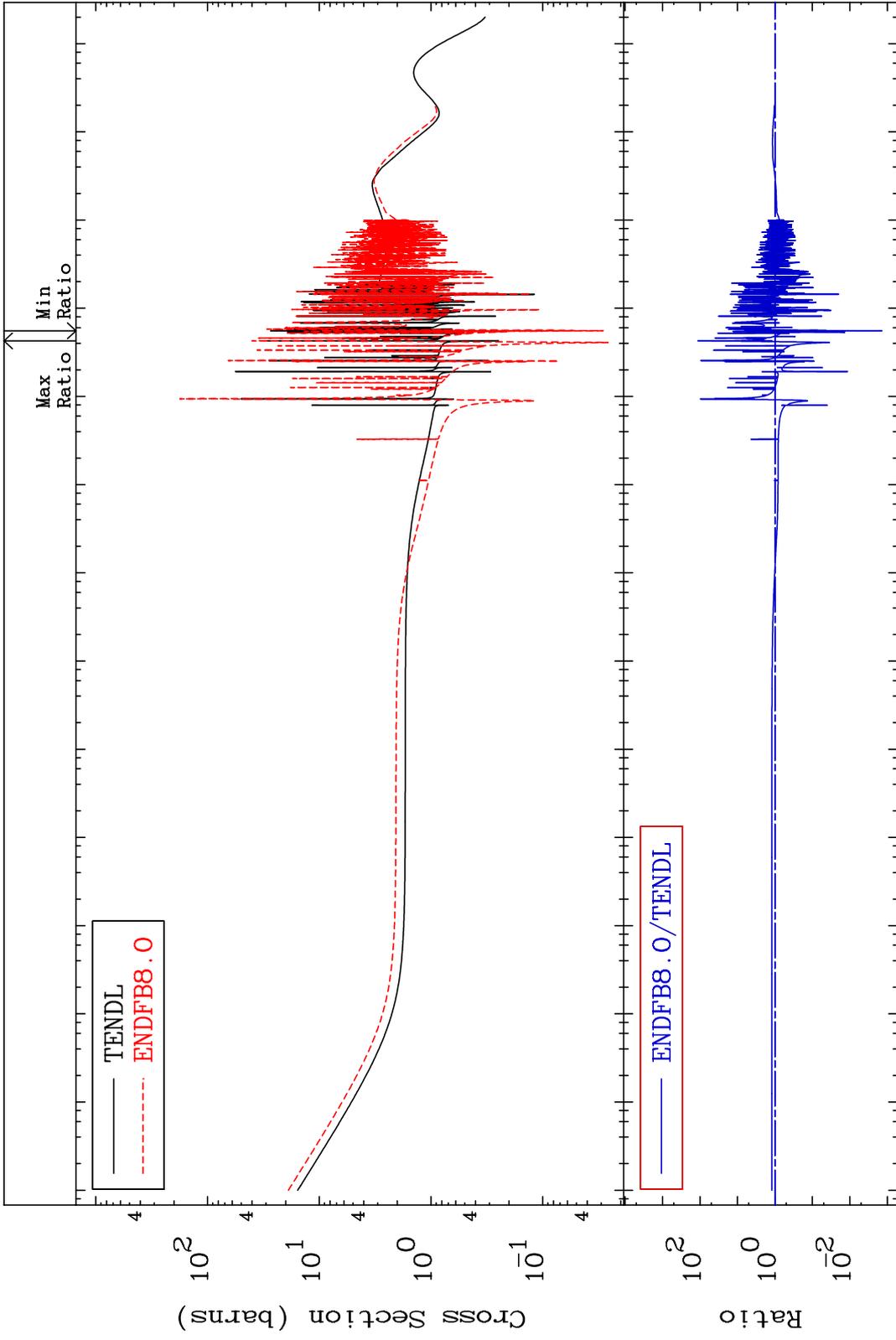
MAT 1925

Elastic

Cross Section

19-K -39

-99.86 To 9999. %



Incident Energy (eV)

19-K -39

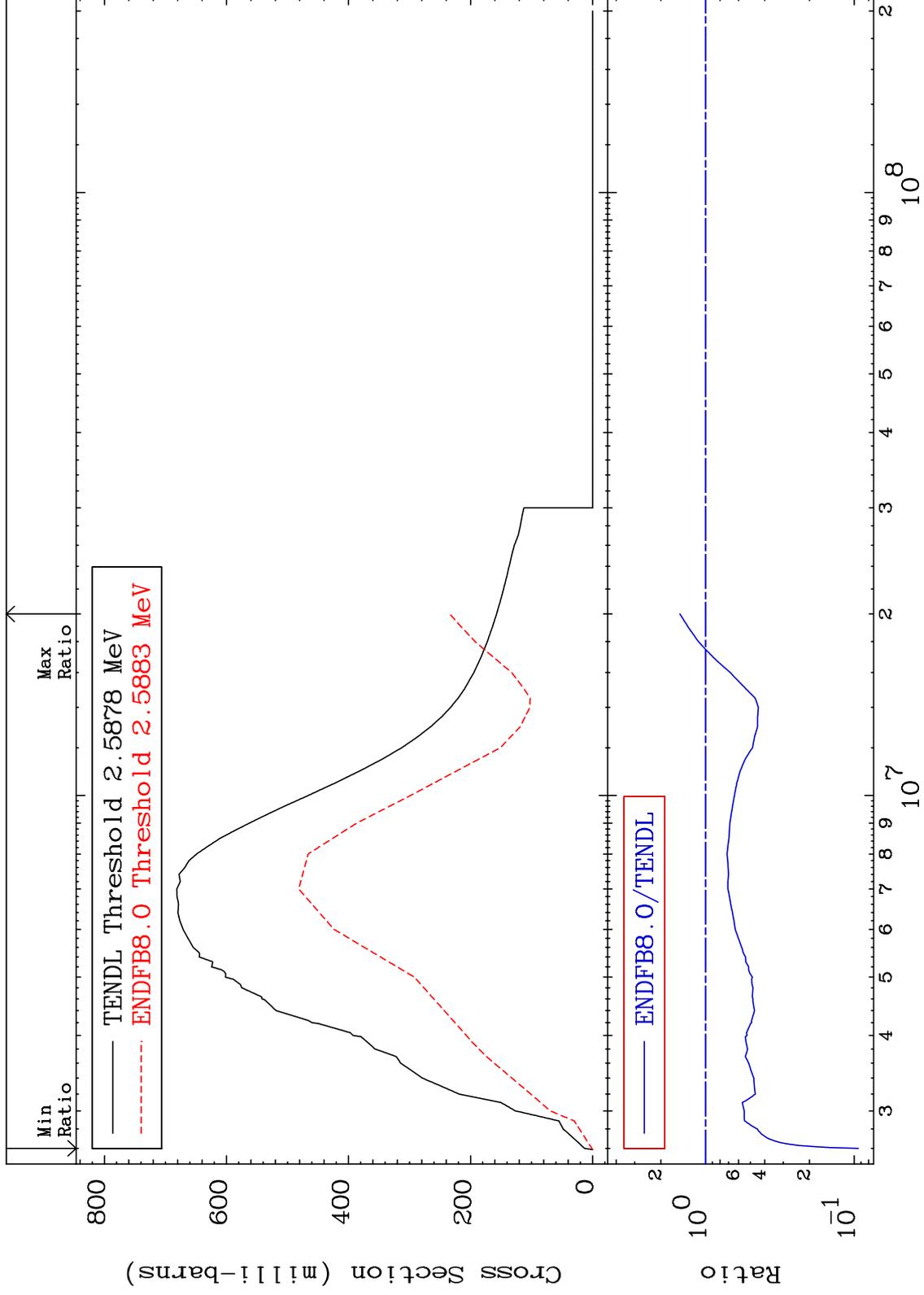
2

MAT 1925

Inelastic
Cross Section

19-K -39

-90.63 To 48.76 %

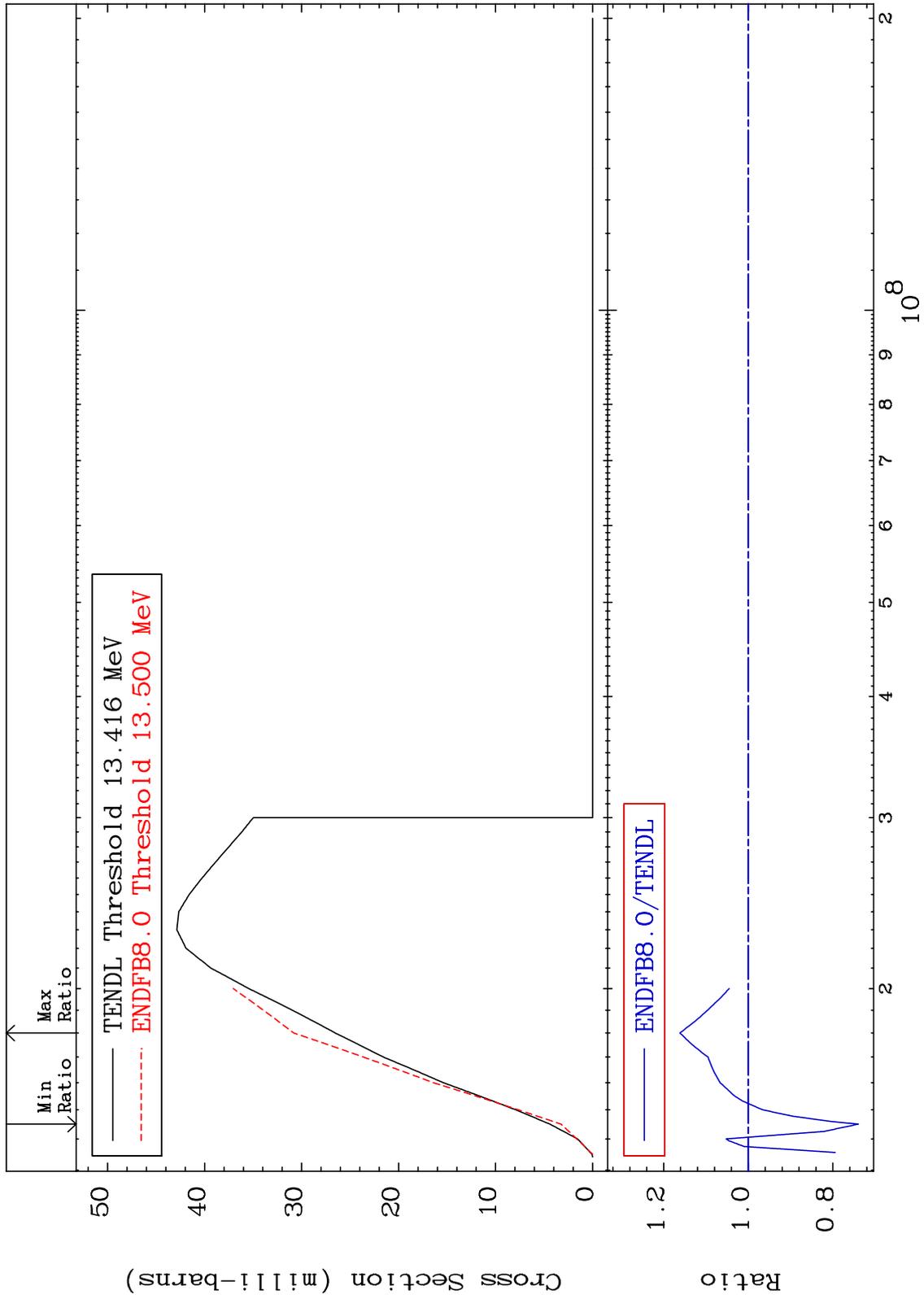


3

Incident Energy (eV)

19-K -39

MAT 1925 (n,2n) Cross Section 19-K -39 -26.02 To 16.16 %



4 19-K -39

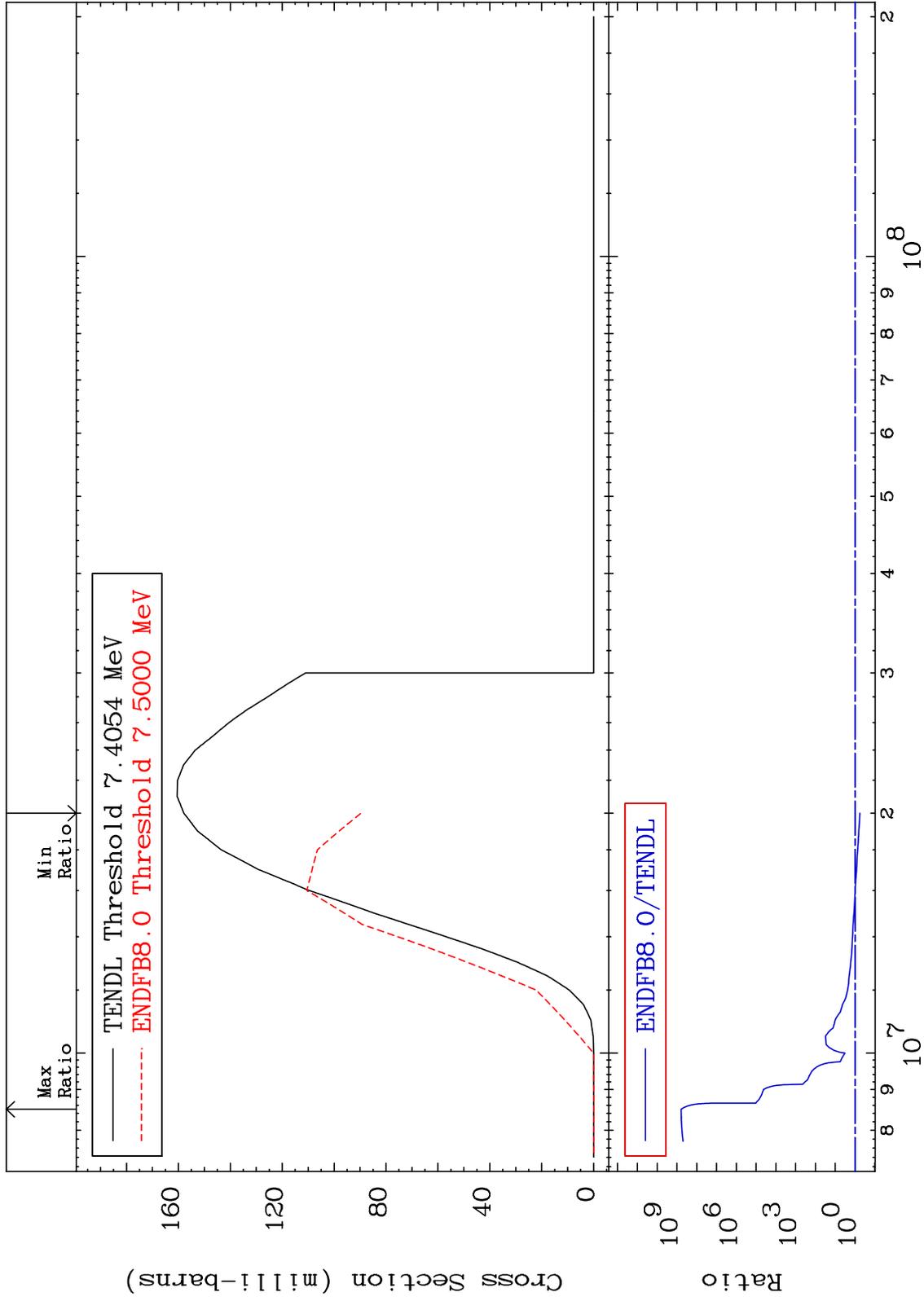
MAT 1925

(n,n') α

19-K -39

Cross Section

-43.22 To 9999. %



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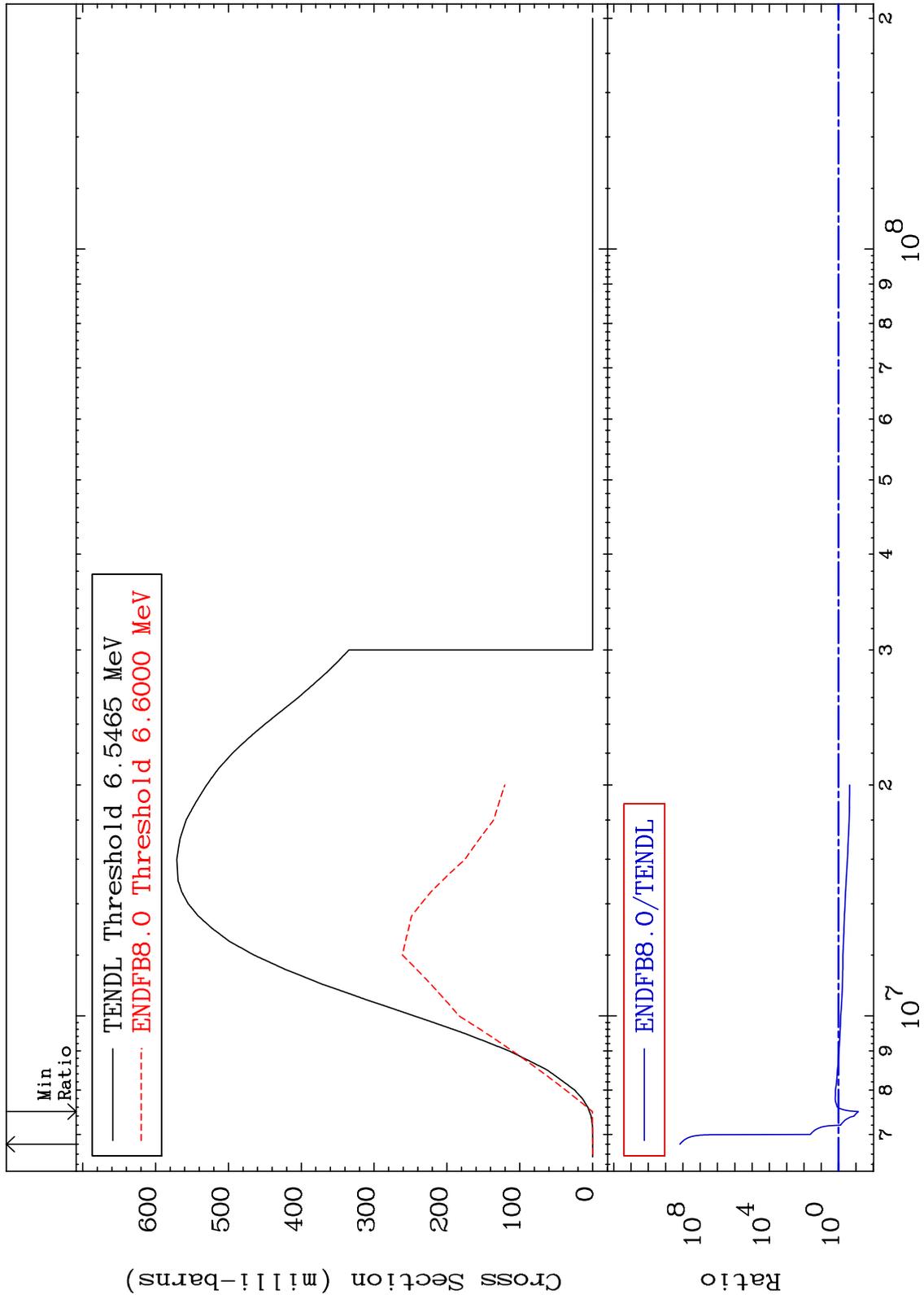
Incident Energy (eV)

19-K -39

MAT 1925

(n,n') p
Cross Section

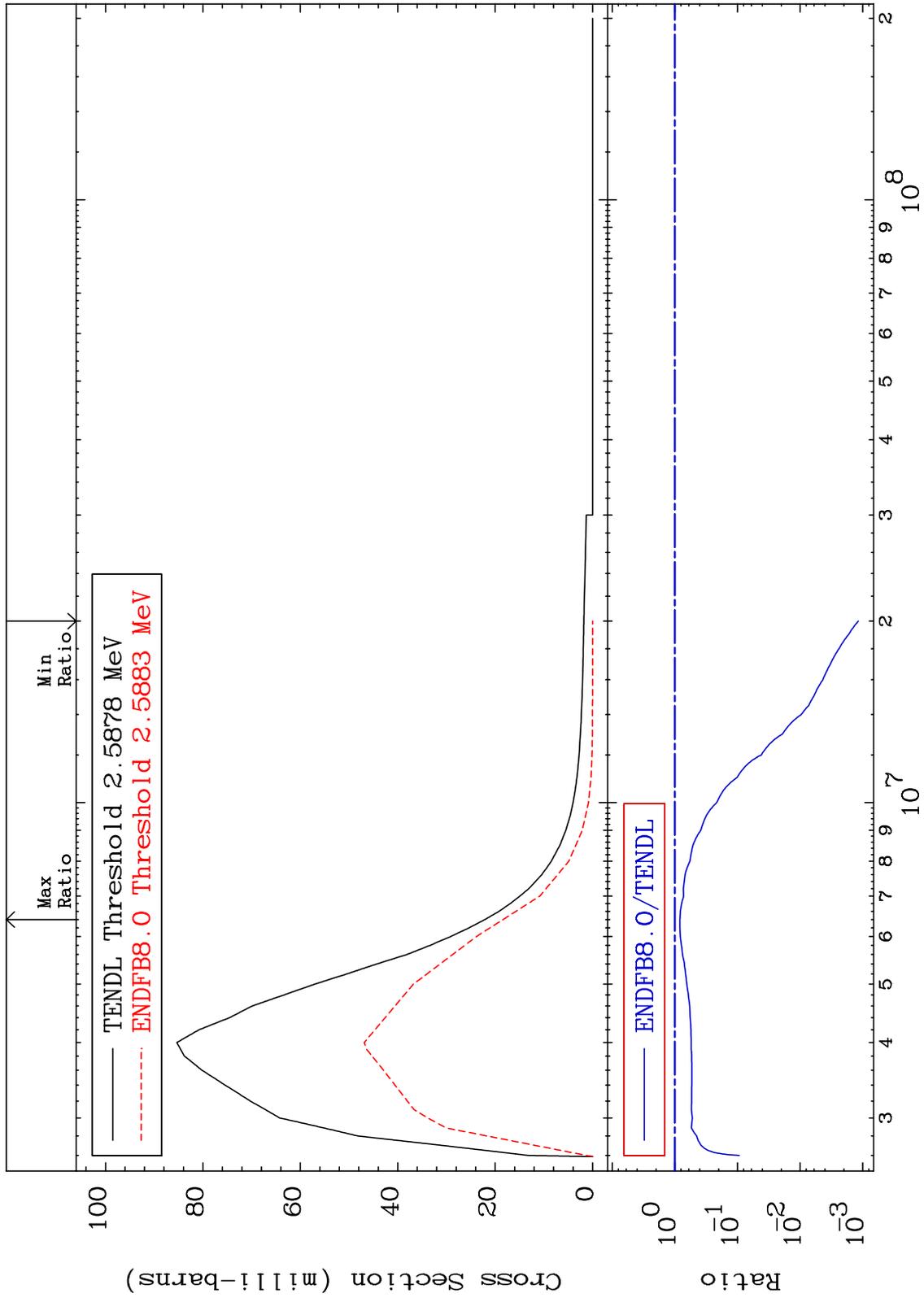
19-K -39
-92.87 To 9999. %



MAT 1925

MT= 51 (n,n') Level
Cross Section

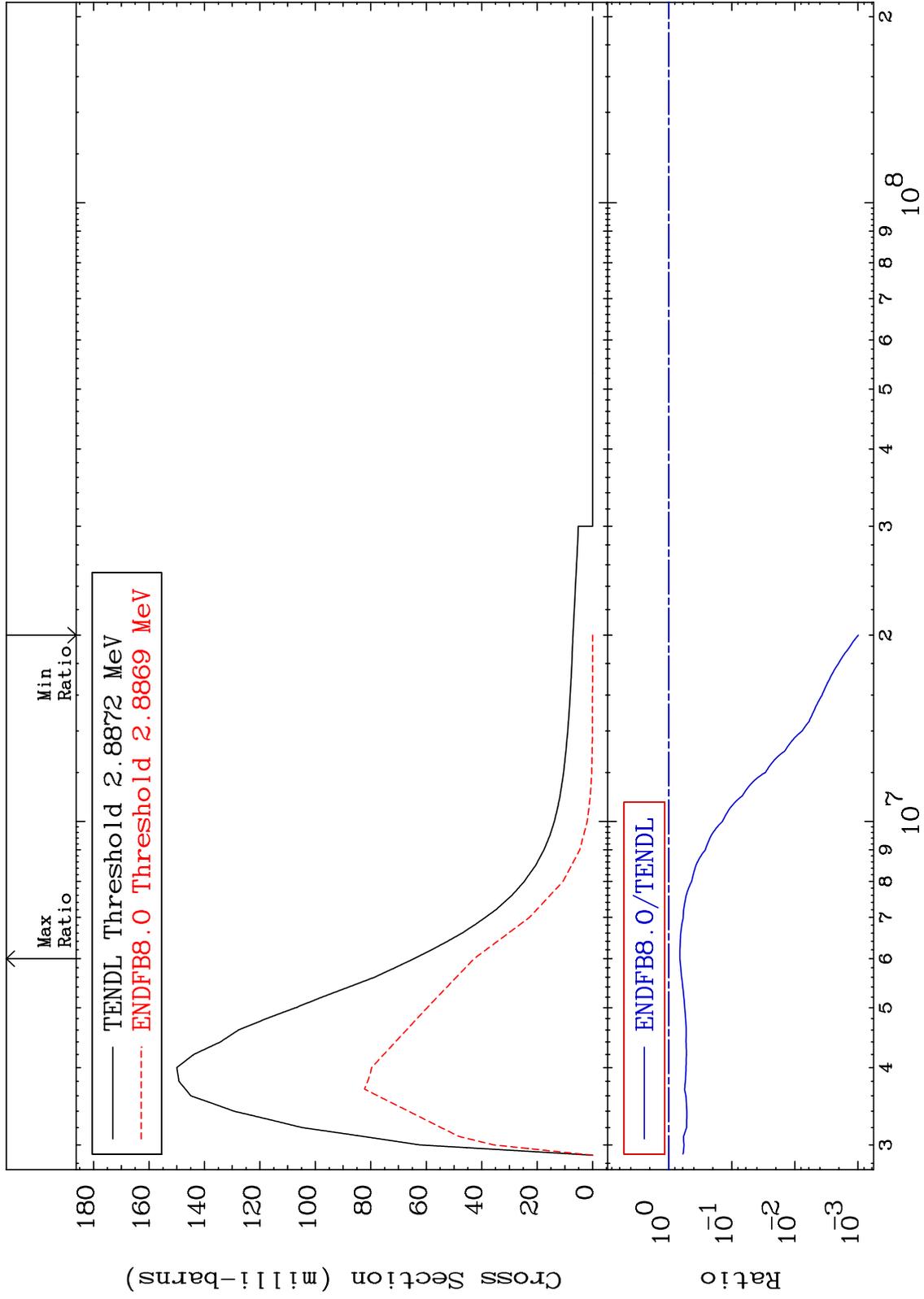
19-K -39
-99.88 To -16.90%



MAT 1925

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

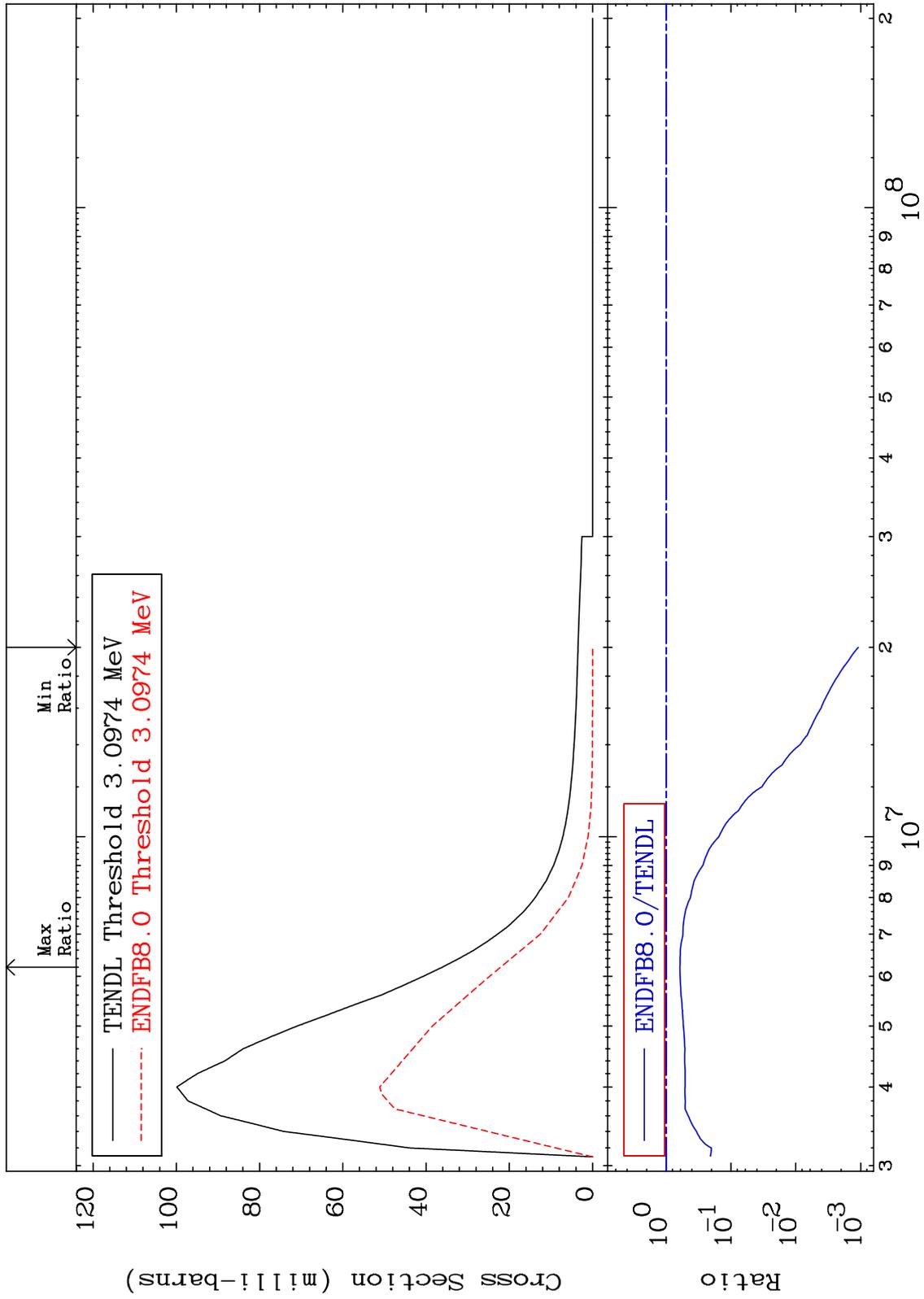
19-K -39
-99.90 To -33.69%



MAT 1925

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

19-K -39
-99.89 To -38.73%



9

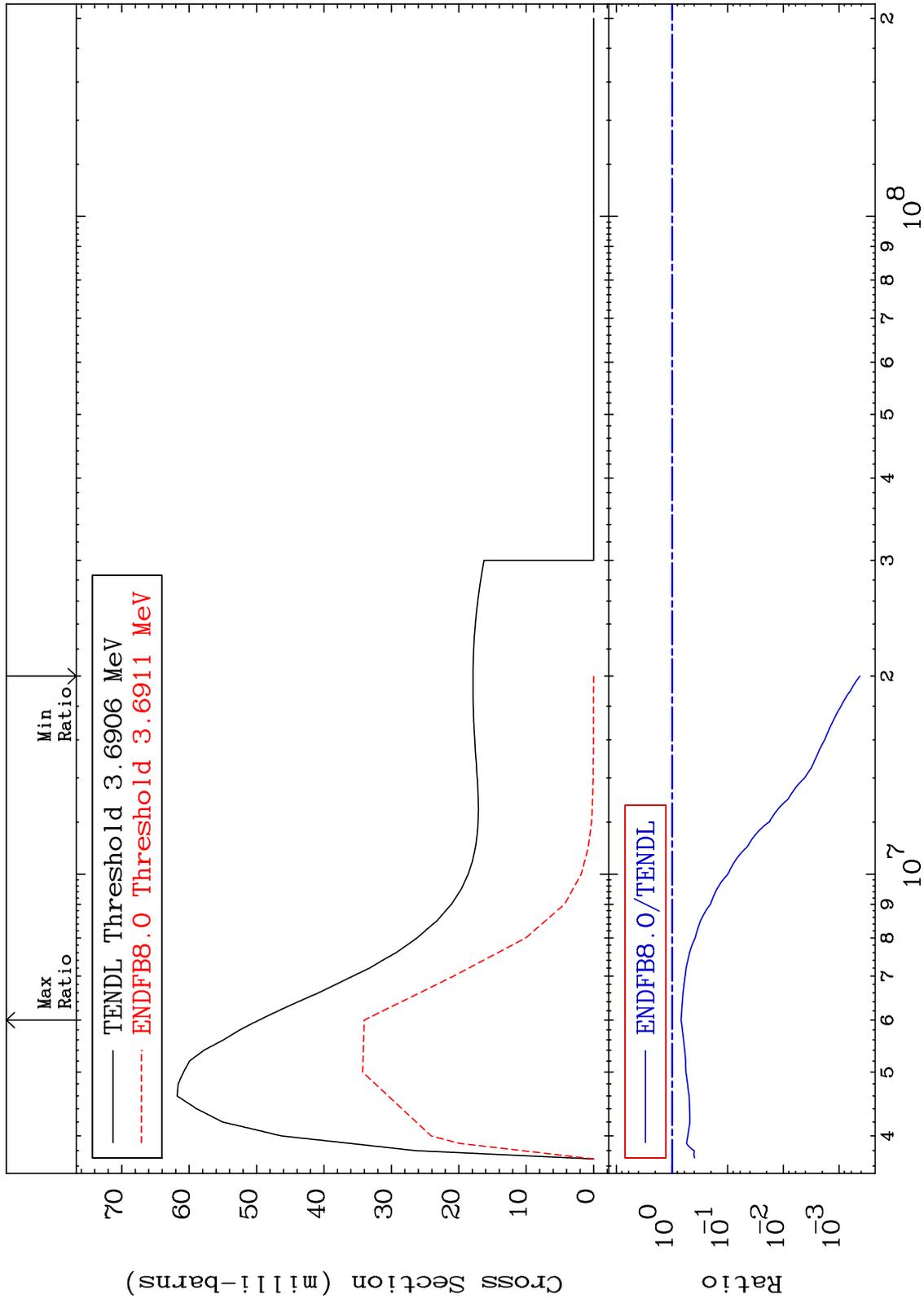
Incident Energy (eV)

19-K -39

MAT 1925

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

19-K -39
-99.96 To -31.46%



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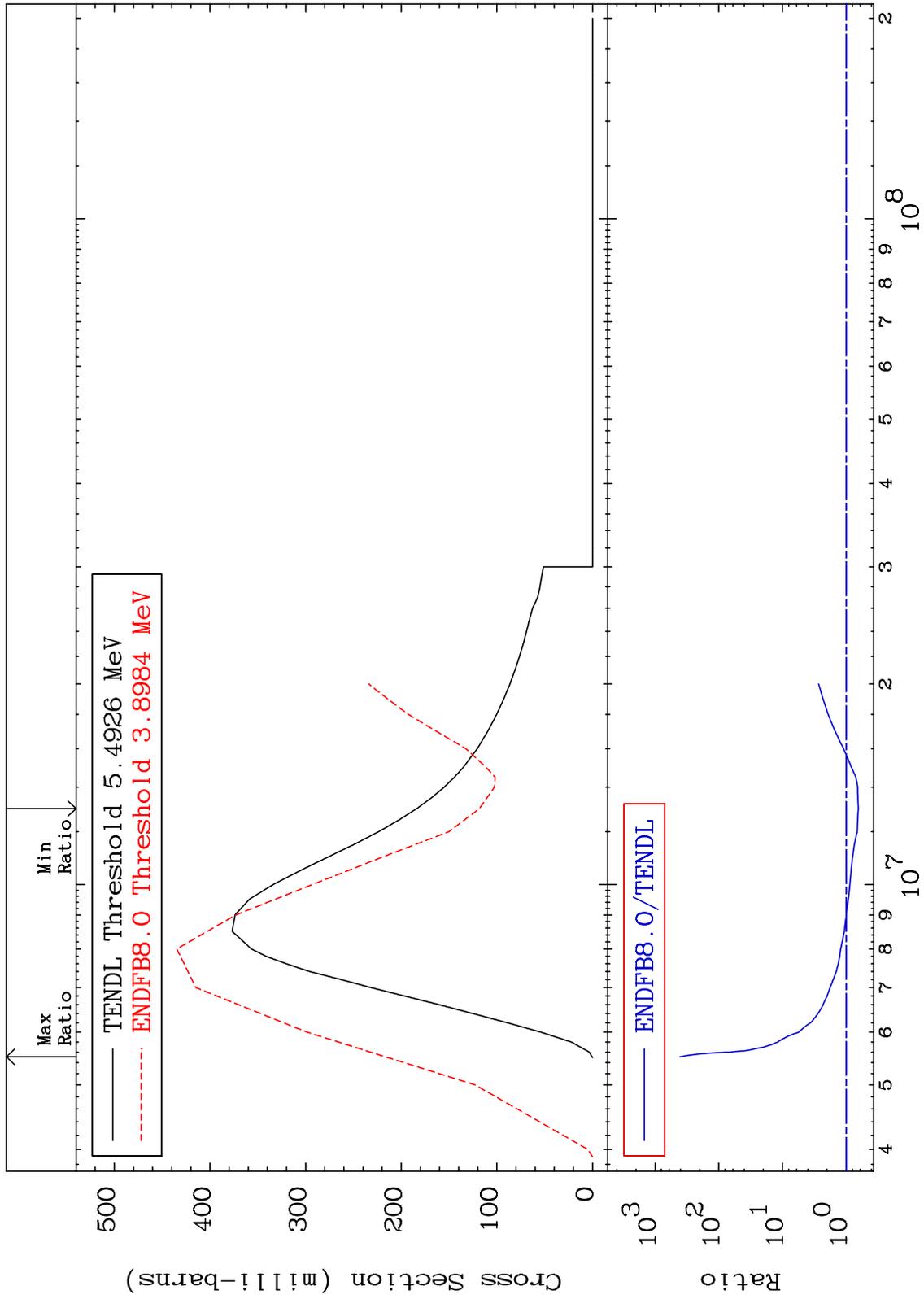
Incident Energy (eV)

19-K -39

MAT 1925

(n, n') Continuum
Cross Section

19-K -39
-35.67 To 9999. %



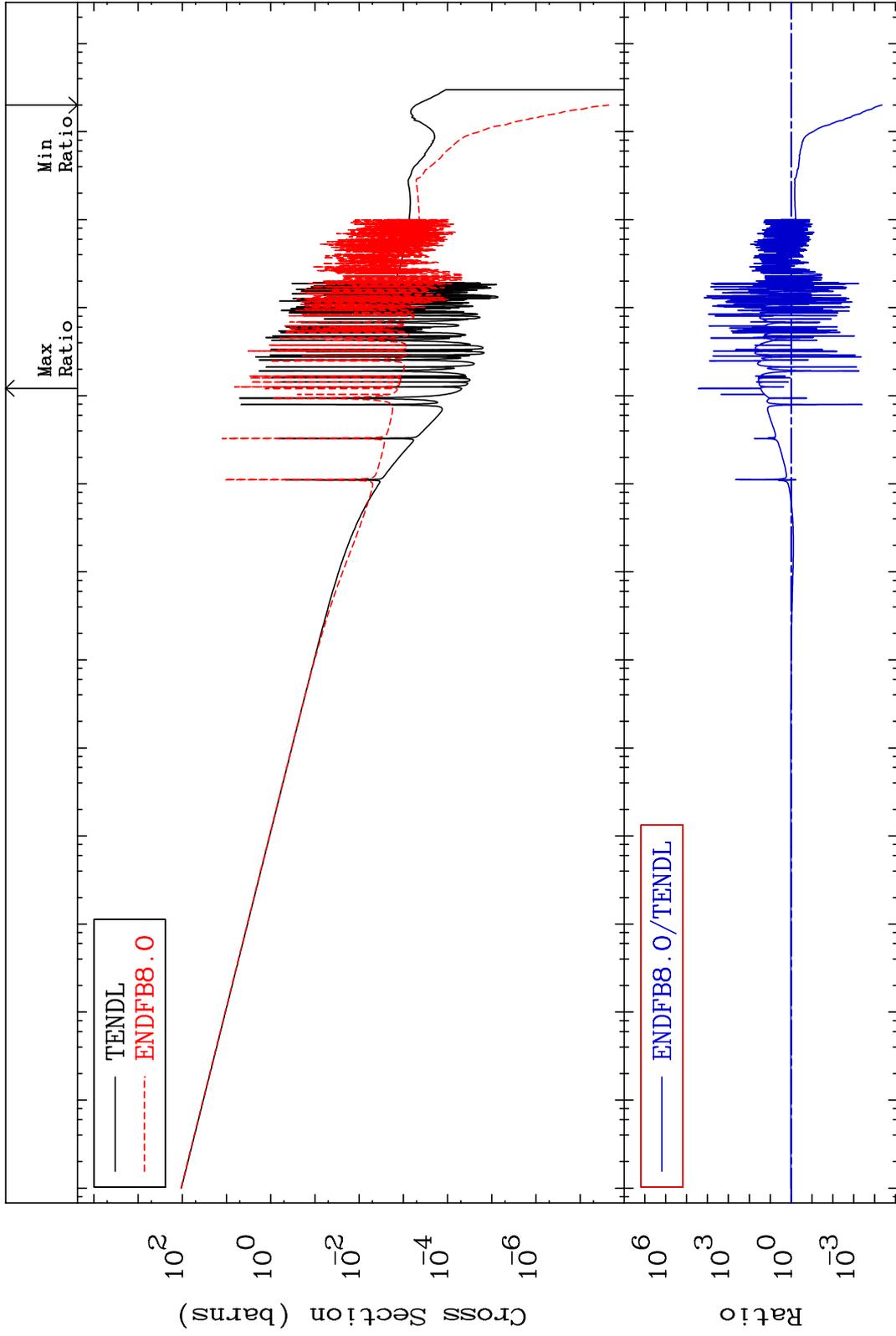
MAT 1925

(n, γ)

19-K -39

Cross Section

-100.0 To 9999. %



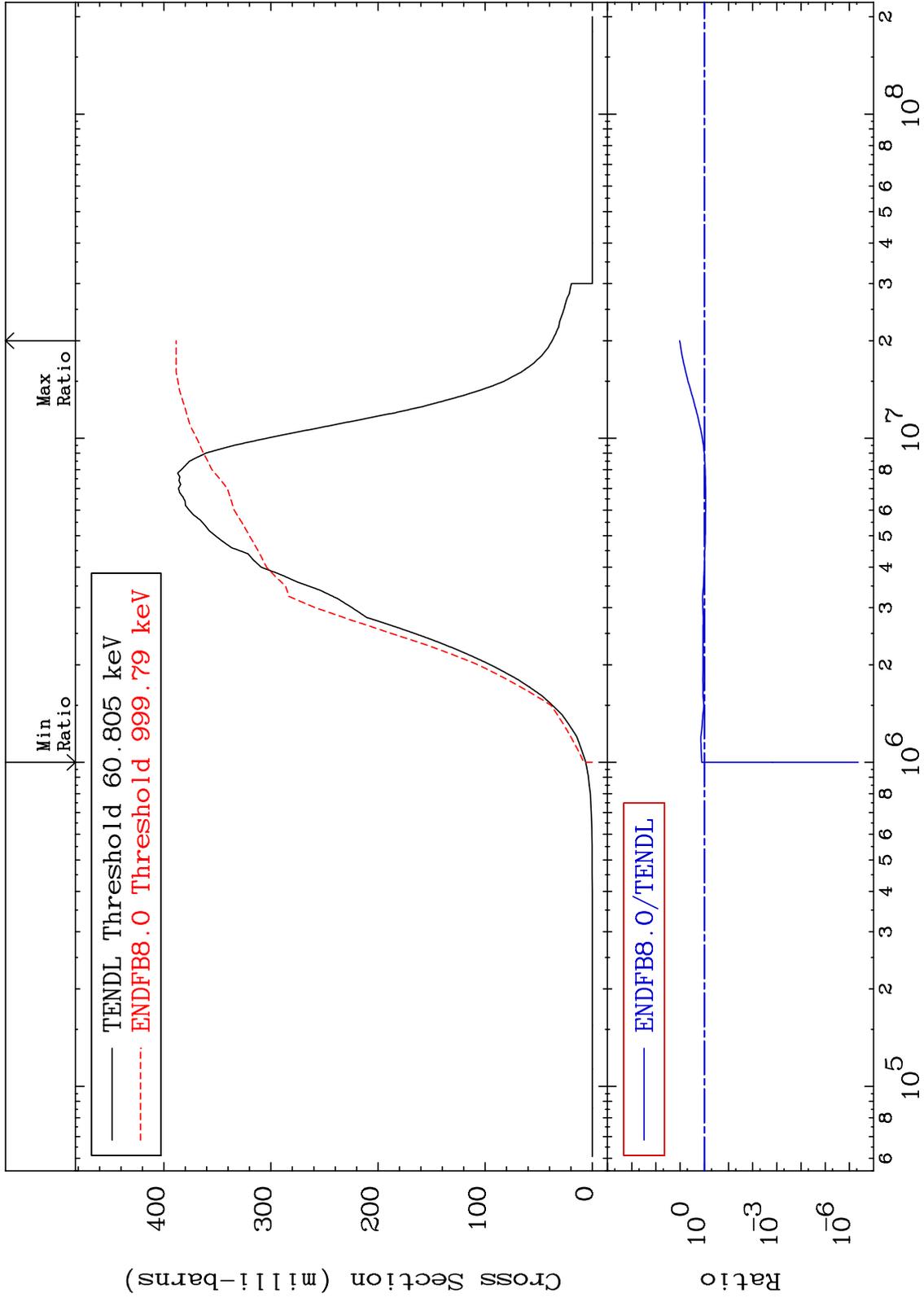
MAT 1925

(n,p)

19-K -39

Cross Section

-100.0 To 937.4 %



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Incident Energy (eV)

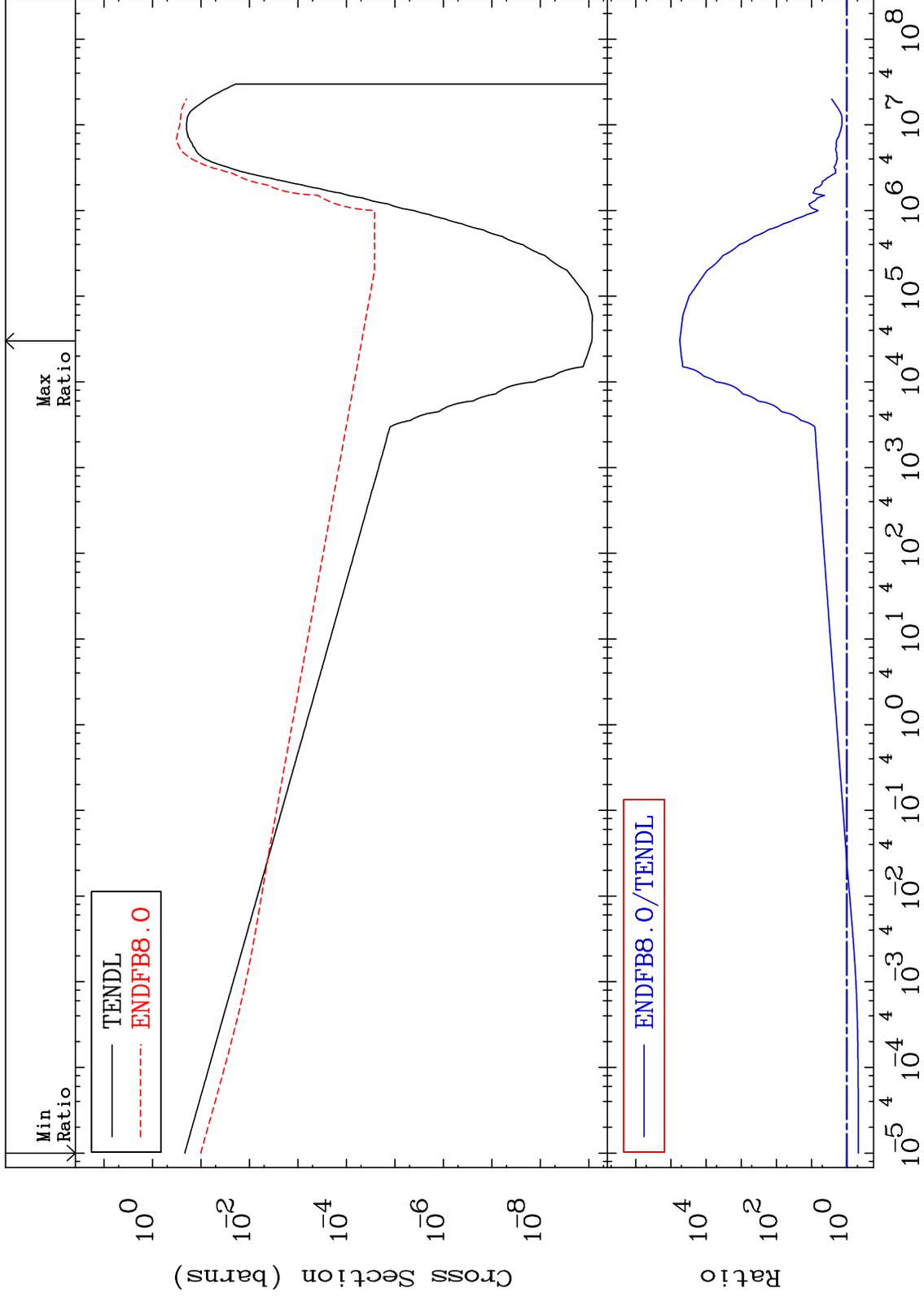
19-K -39

MAT 1925

(n, α)

Cross Section

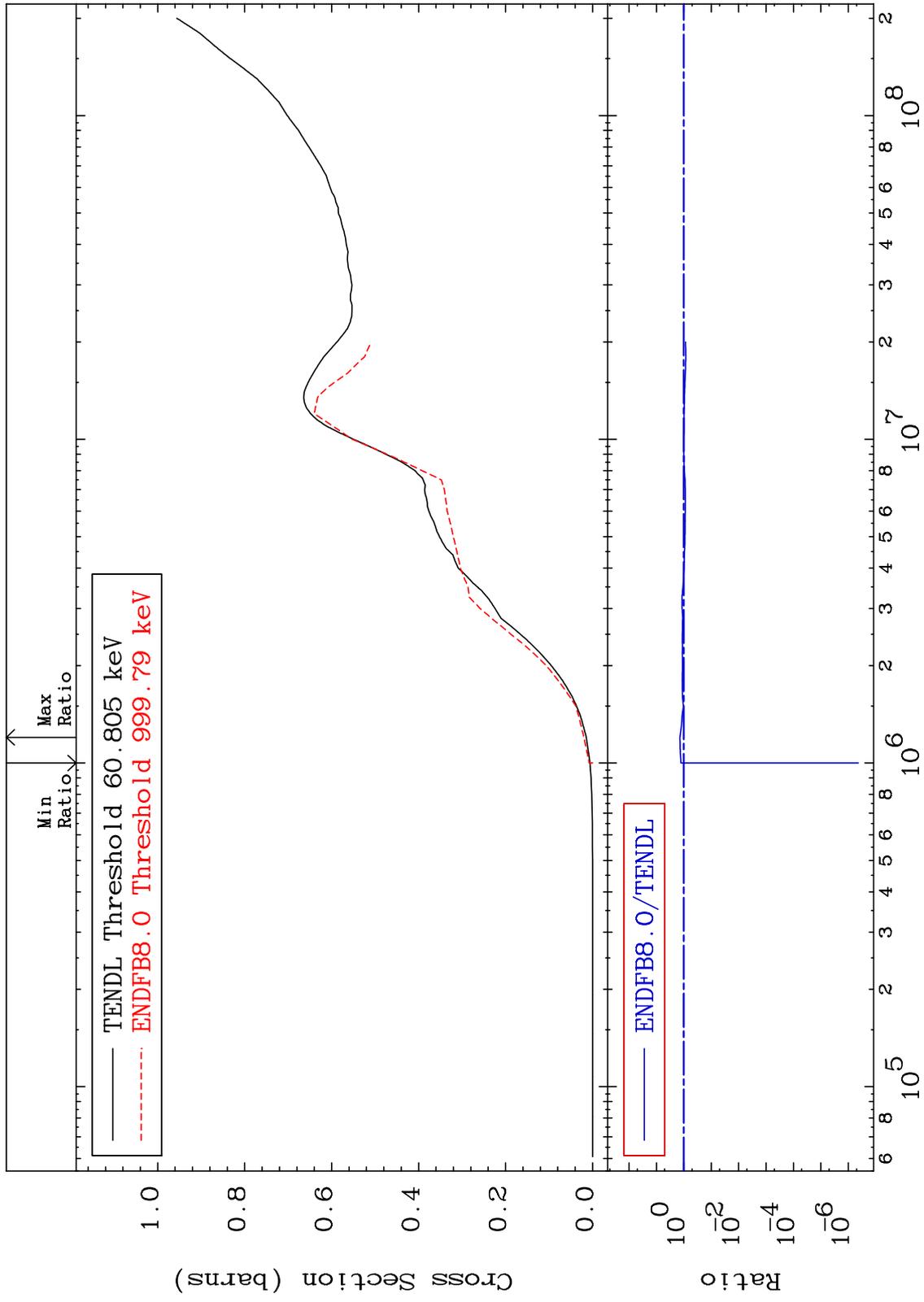
19-K -39
-53.23 To 9999. %



MAT 1925

Hydrogen Production
Cross Section

19-K -39
-100.0 To 38.71 %



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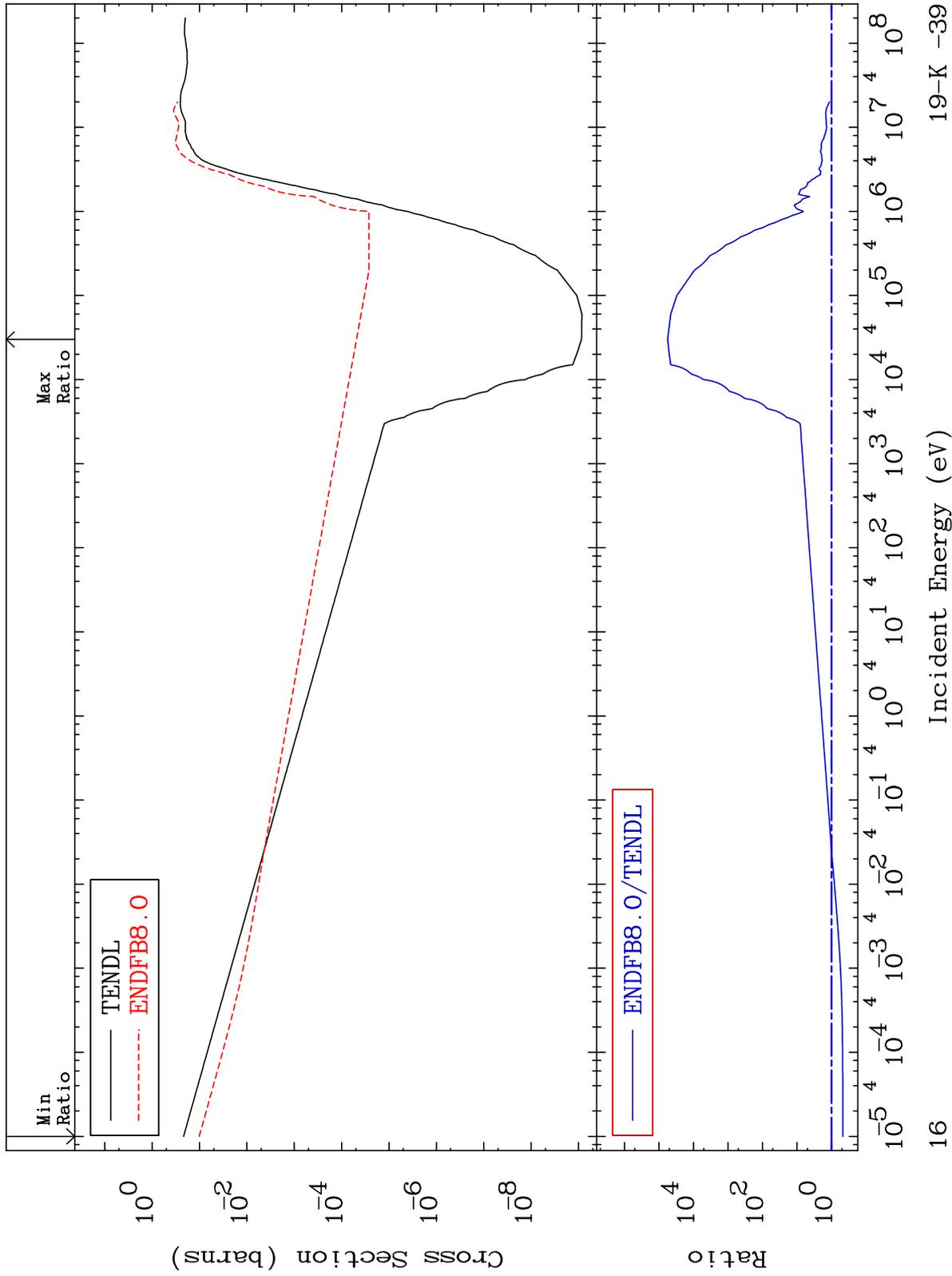
Incident Energy (eV)

19-K -39

MAT 1925

He-4 Production
Cross Section

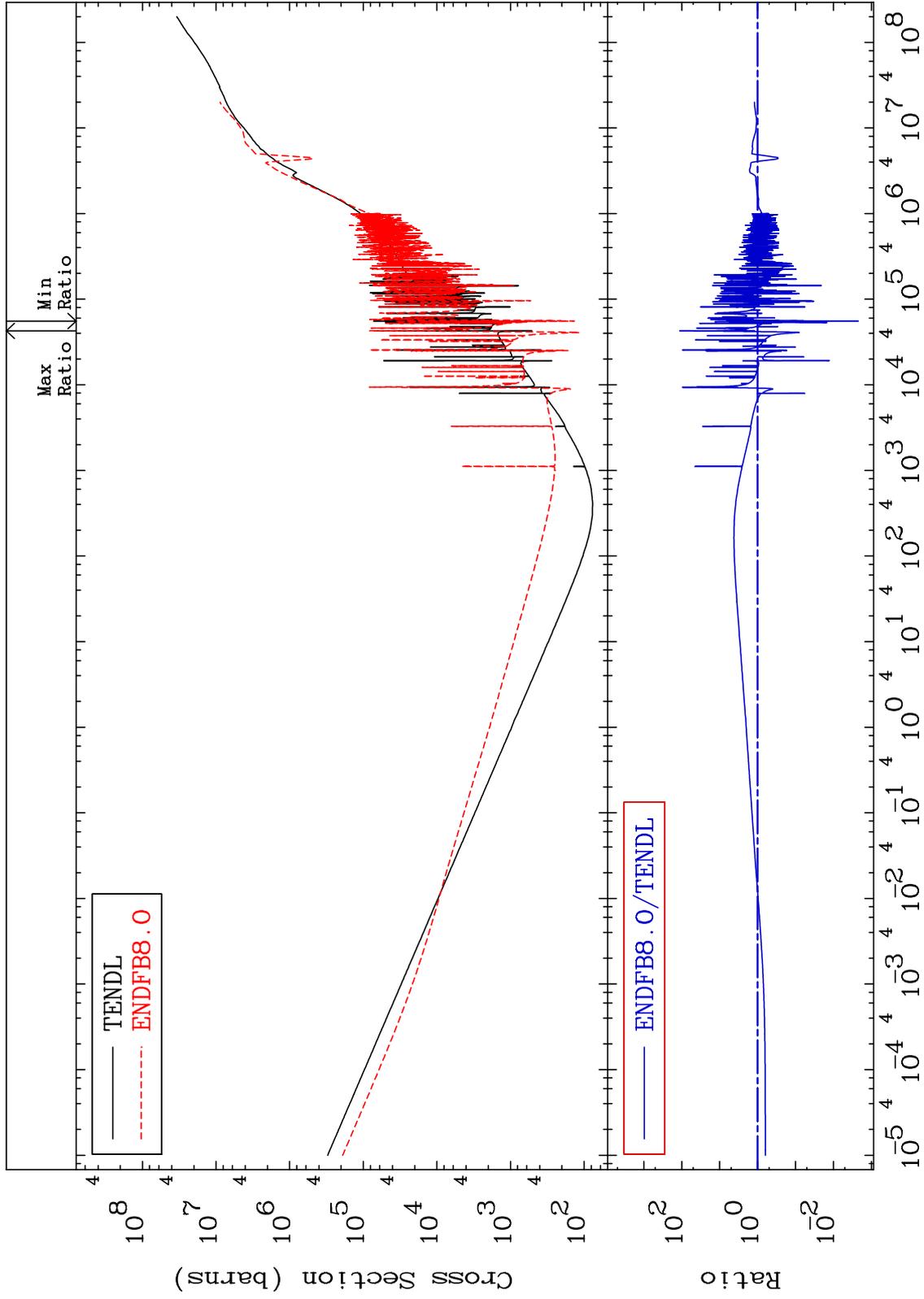
19-K -39
-53.23 To 9999. %



MAT 1925

Kerma total (eV-barns)
Cross Section

19-K -39
-99.78 To 9999. %



17

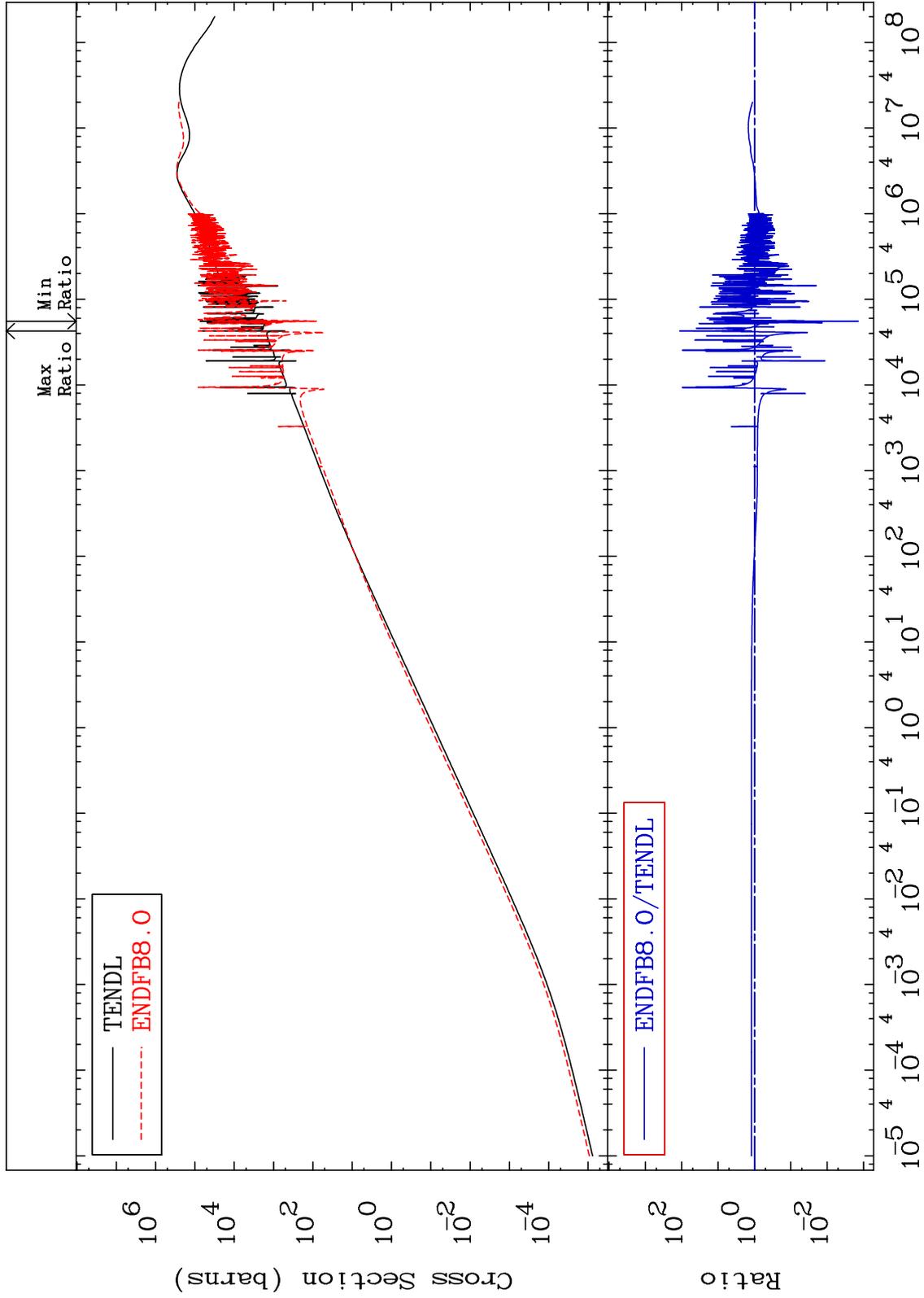
Incident Energy (eV)

19-K -39

MAT 1925

Kerma elastic
Cross Section

19-K -39
-99.86 To 9999. %



18

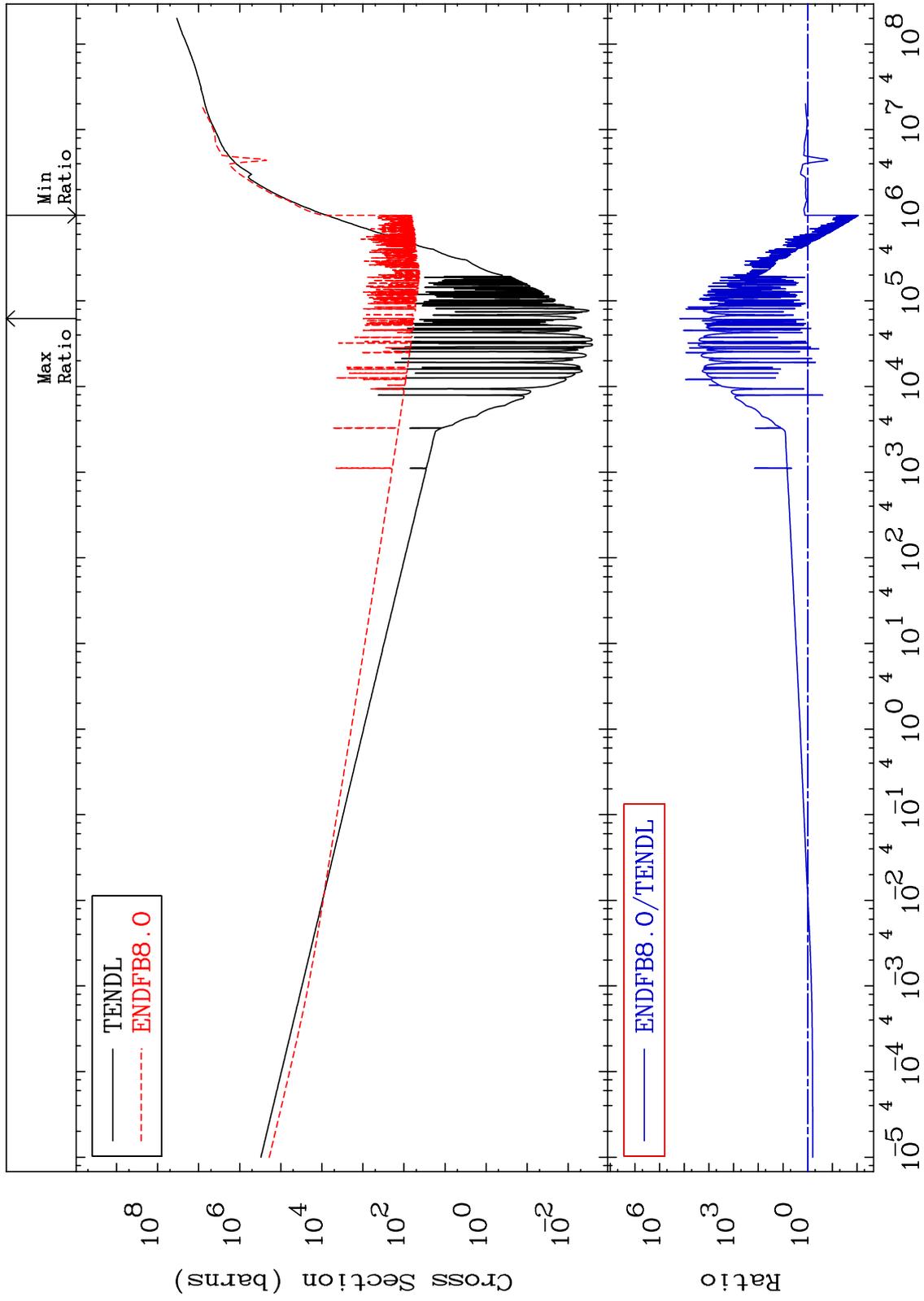
Incident Energy (eV)

19-K -39

MAT 1925

Kerma non-elastic (all but mt2)
Cross Section

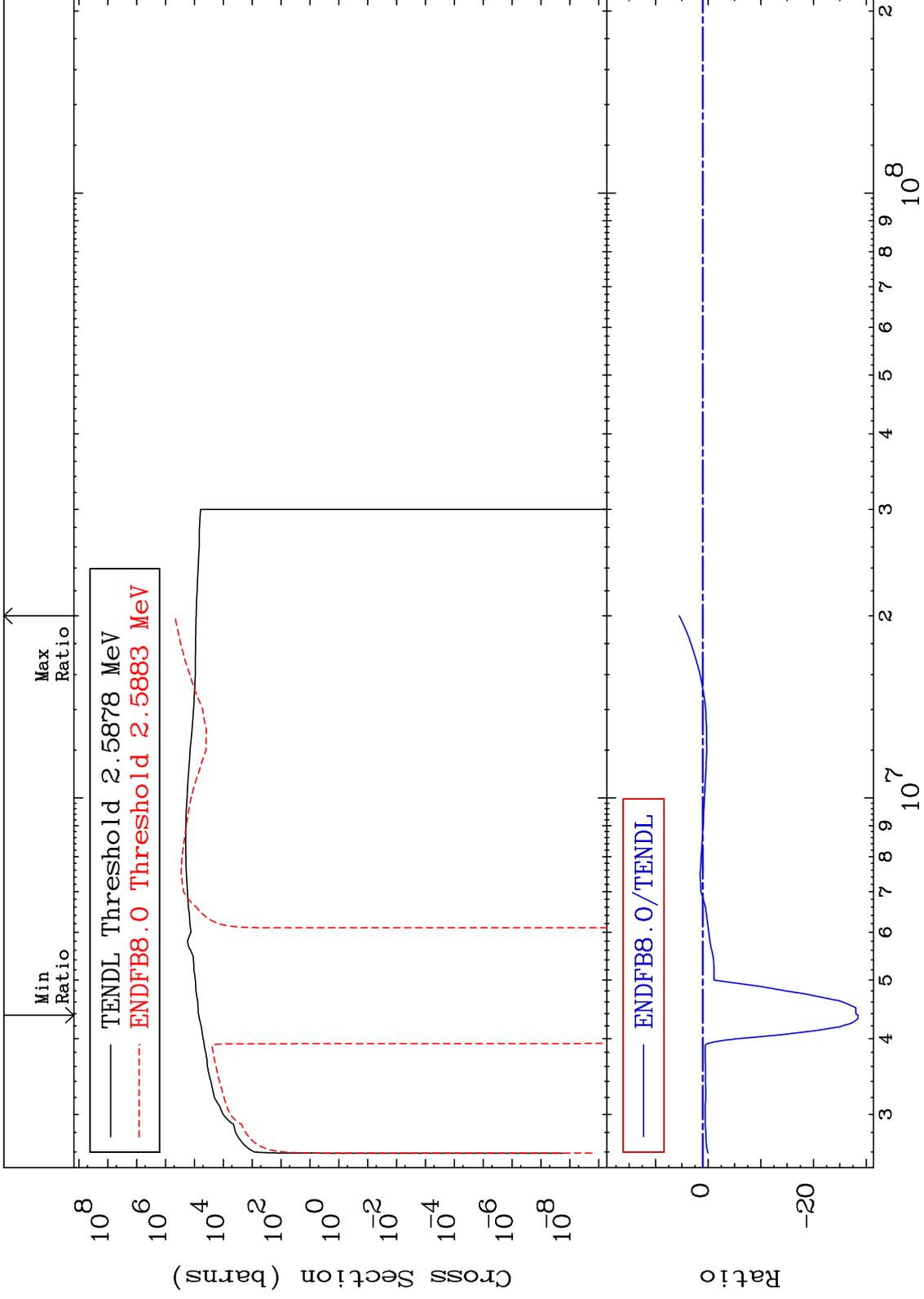
19-K -39
-99.12 To 9999. %



19

Incident Energy (eV)

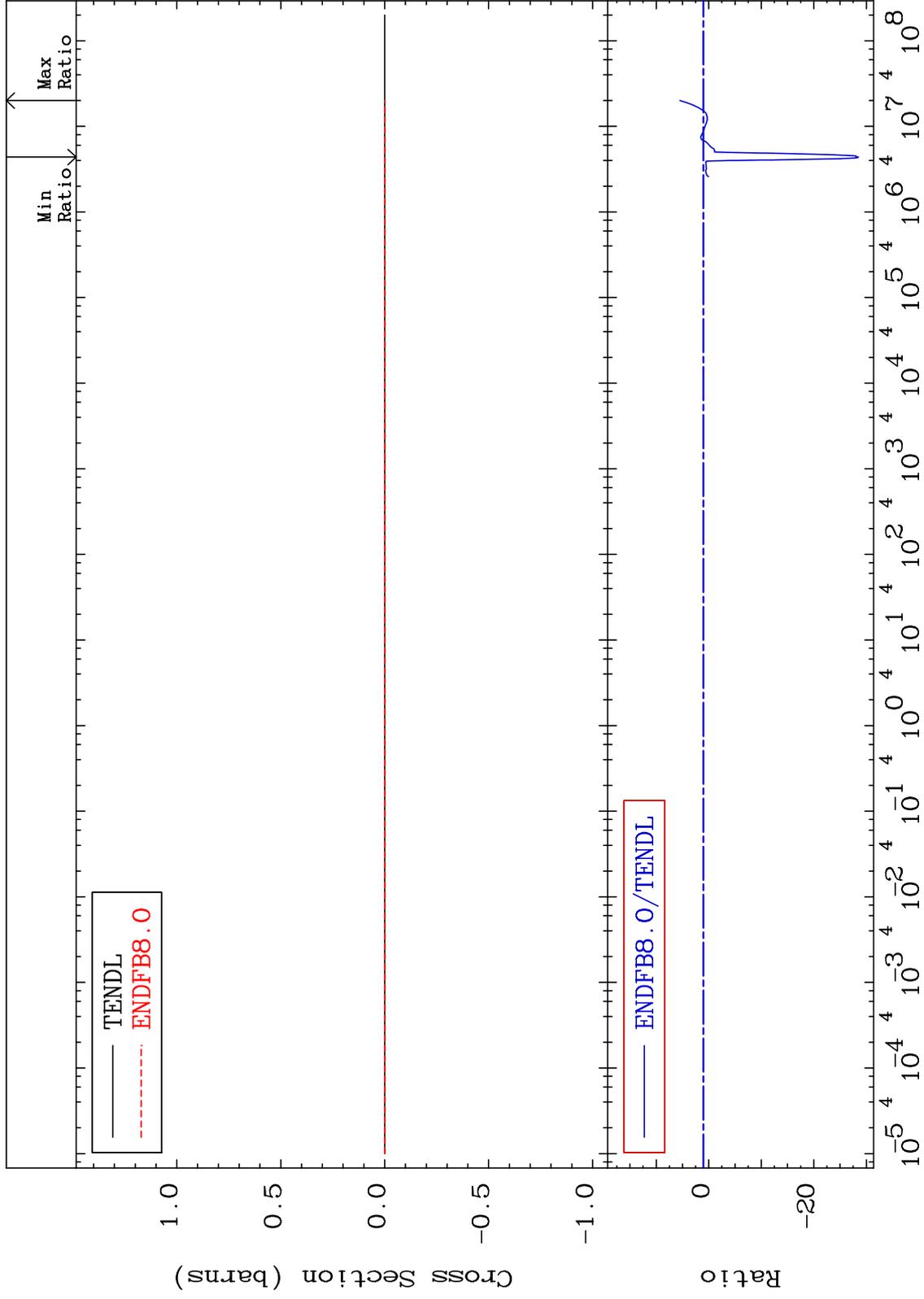
19-K -39



MAT 1925

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

19-K -39
-2949. To 448.1 %



21

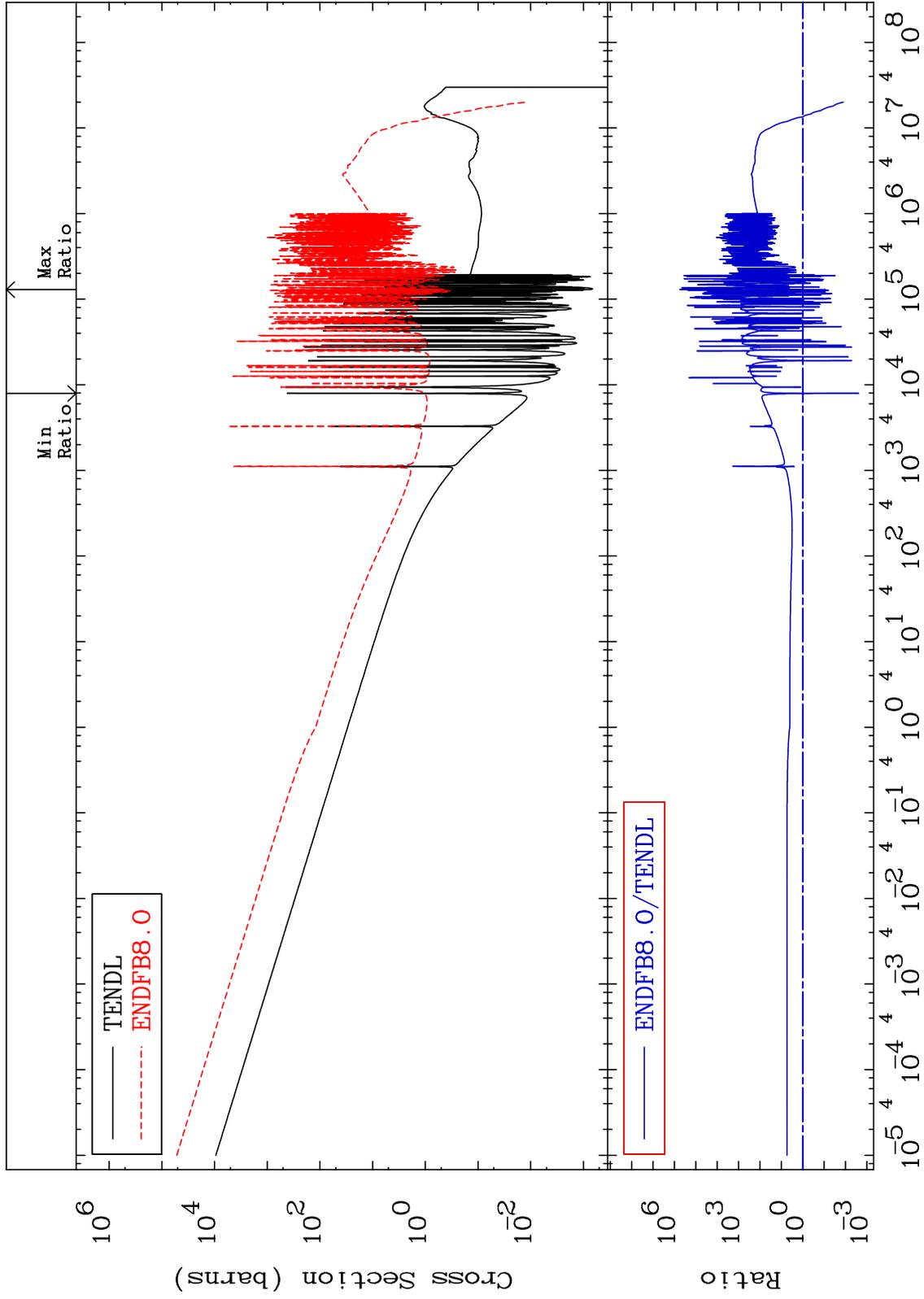
Incident Energy (eV)

19-K -39

MAT 1925

Kerma capture (mt102)
Cross Section

19-K -39
-99.75 To 9999. %



22

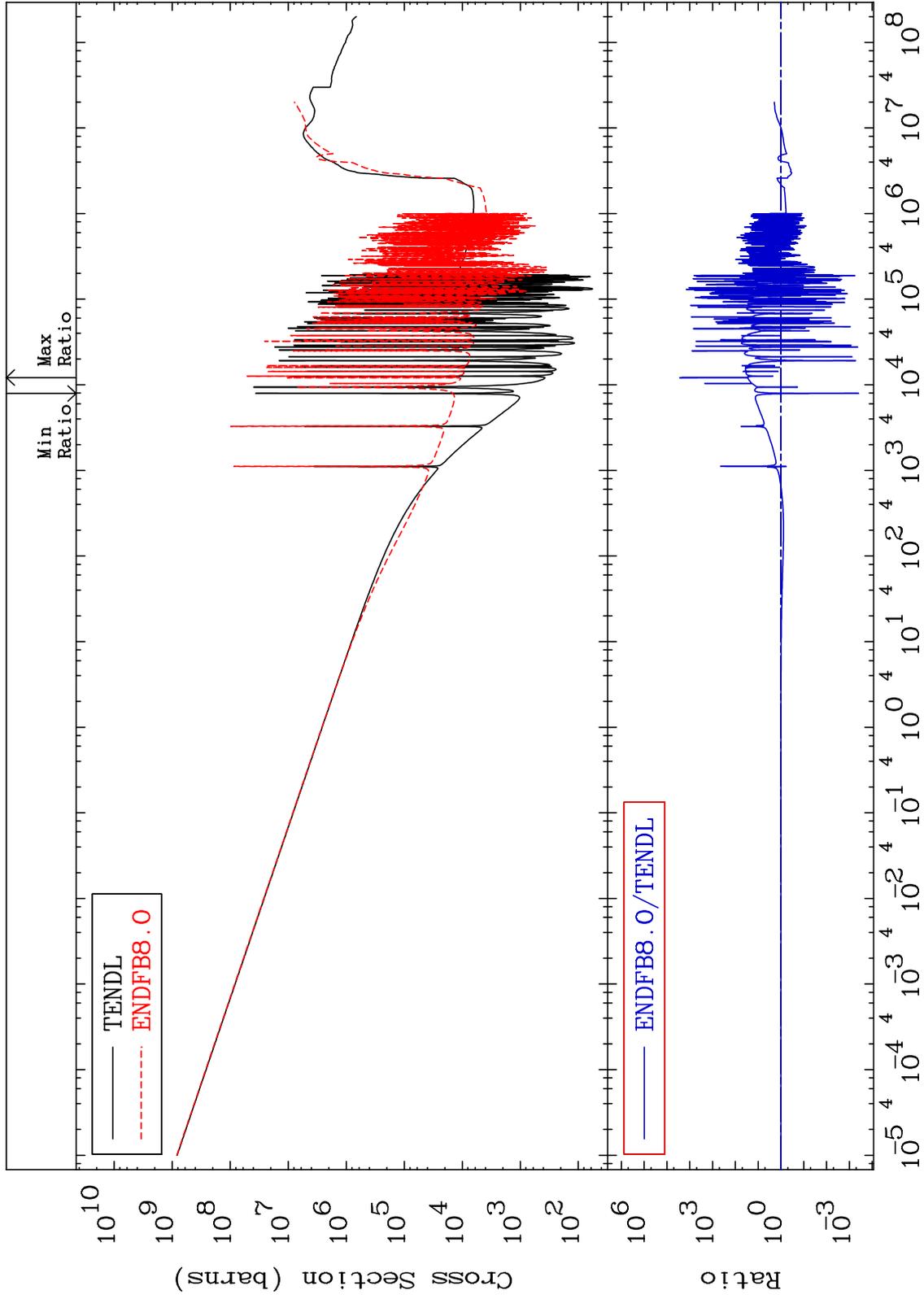
Incident Energy (eV)

19-K -39

MAT 1925

Total photon (eV-barns)
Cross Section

19-K -39
-99.96 To 9999. %



23

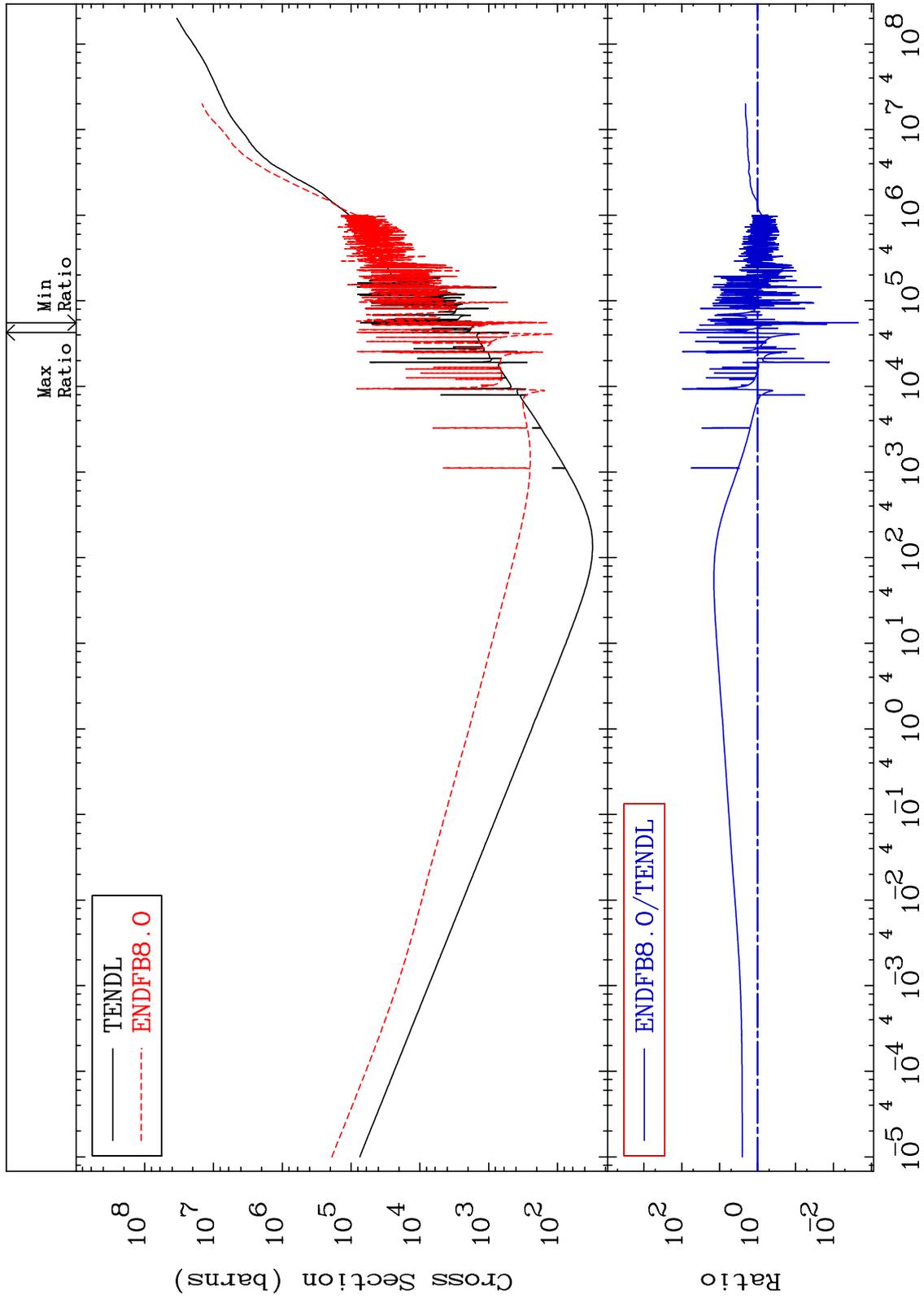
Incident Energy (eV)

19-K -39

MAT 1925

Total kinematic kerma (high limit)
Cross Section

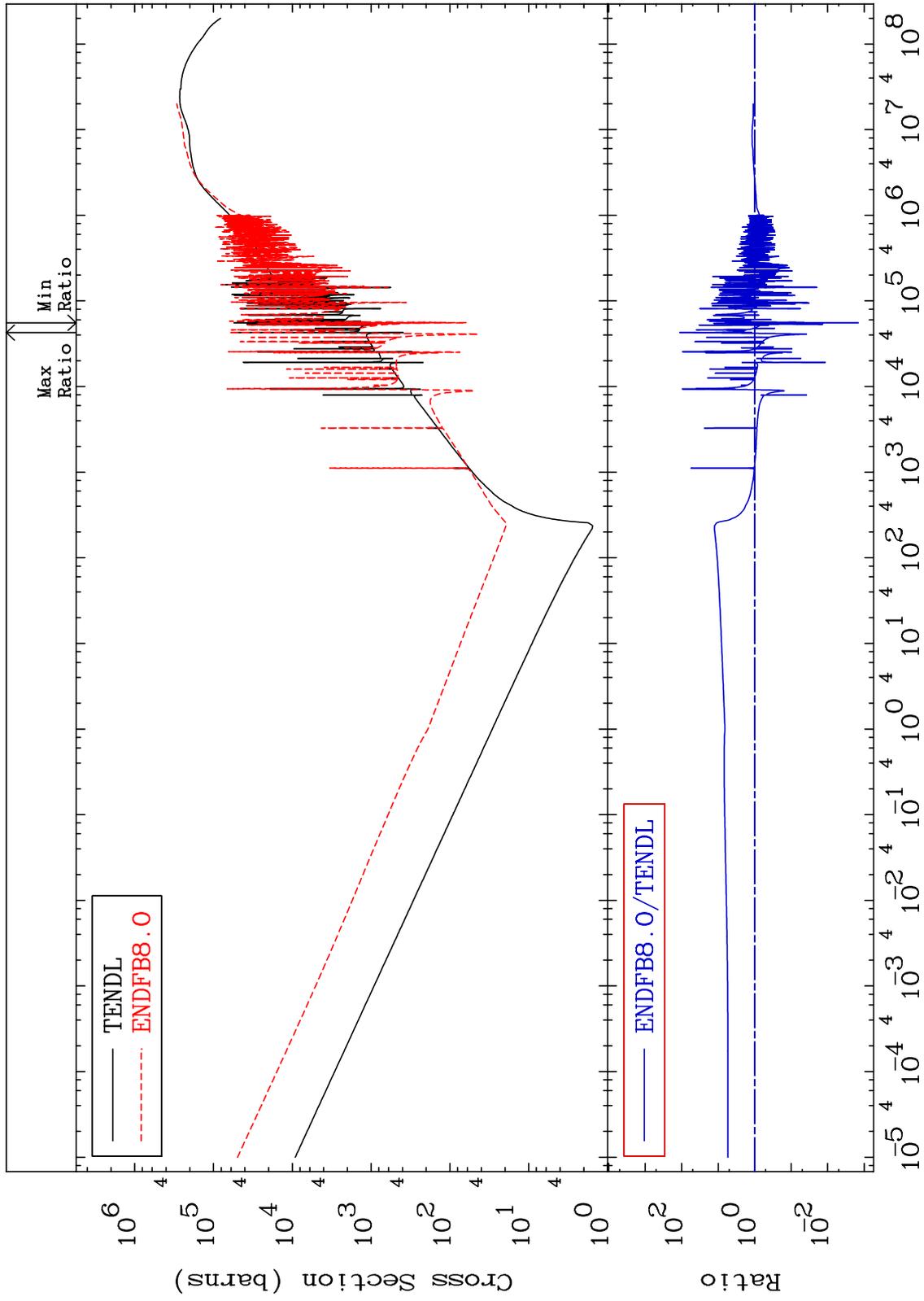
19-K -39
-99.78 To 9999. %



MAT 1925

Dpa total (eV-barns)
Cross Section

19-K -39
-99.86 To 9999. %



25

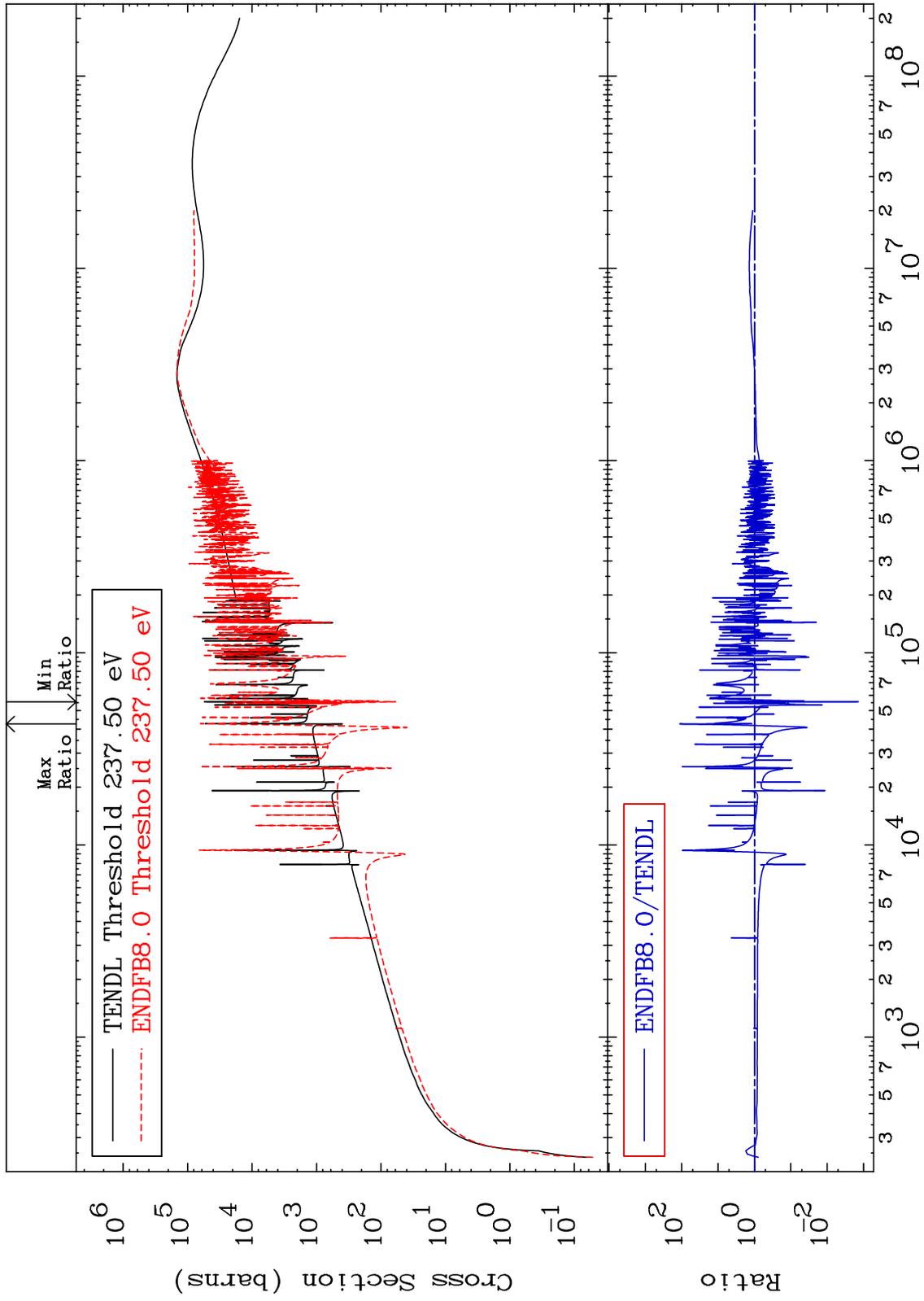
Incident Energy (eV)

19-K -39

MAT 1925

Dpa elastic (mt2)
Cross Section

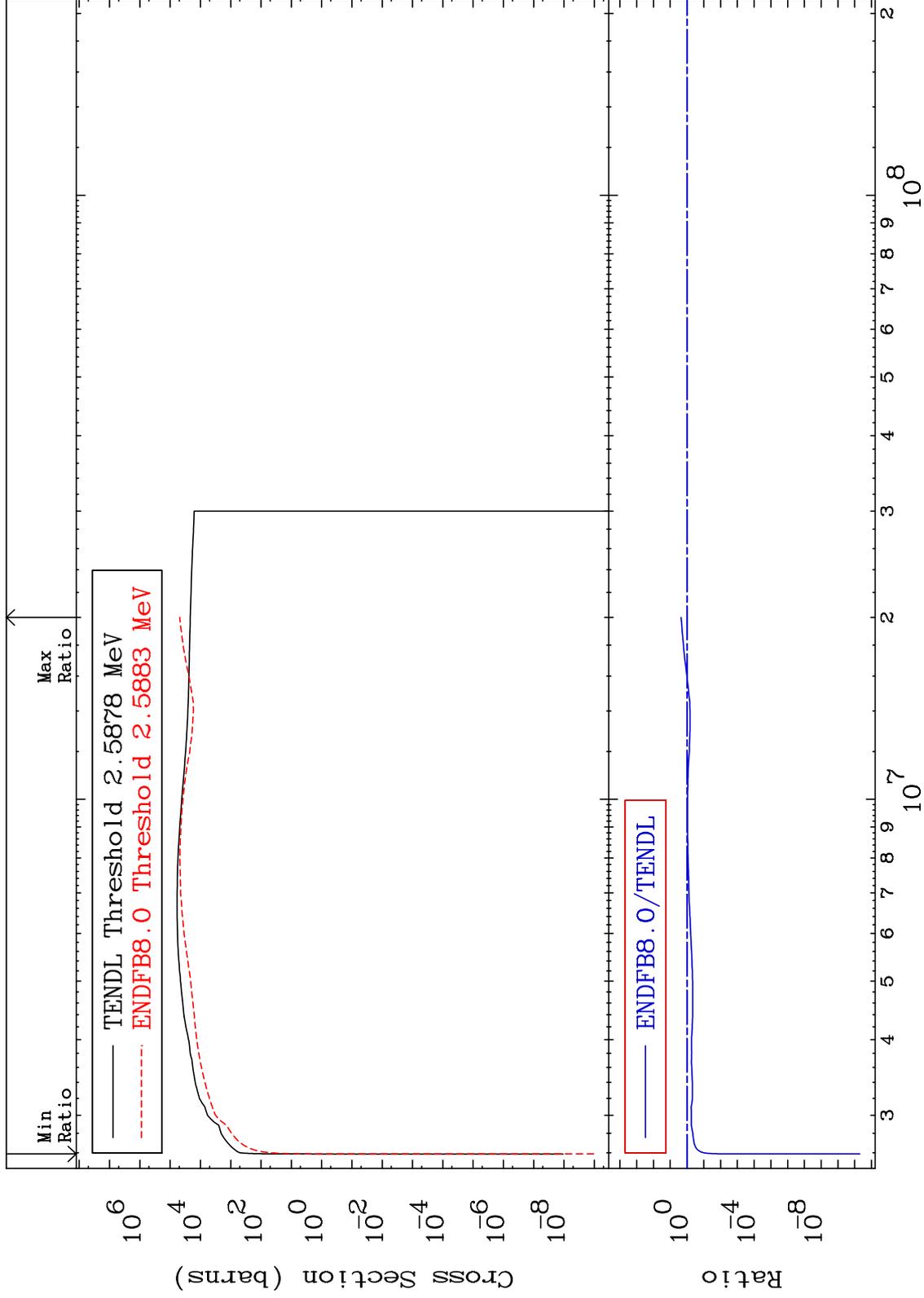
19-K -39
-99.86 To 9999. %



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Incident Energy (eV)

19-K -39



MAT 1925

Dpa disappearance (mt102 -120)
Cross Section

19-K -39
-98.53 To 9999. %

