

Program Complot
(Version 2018-1)

by

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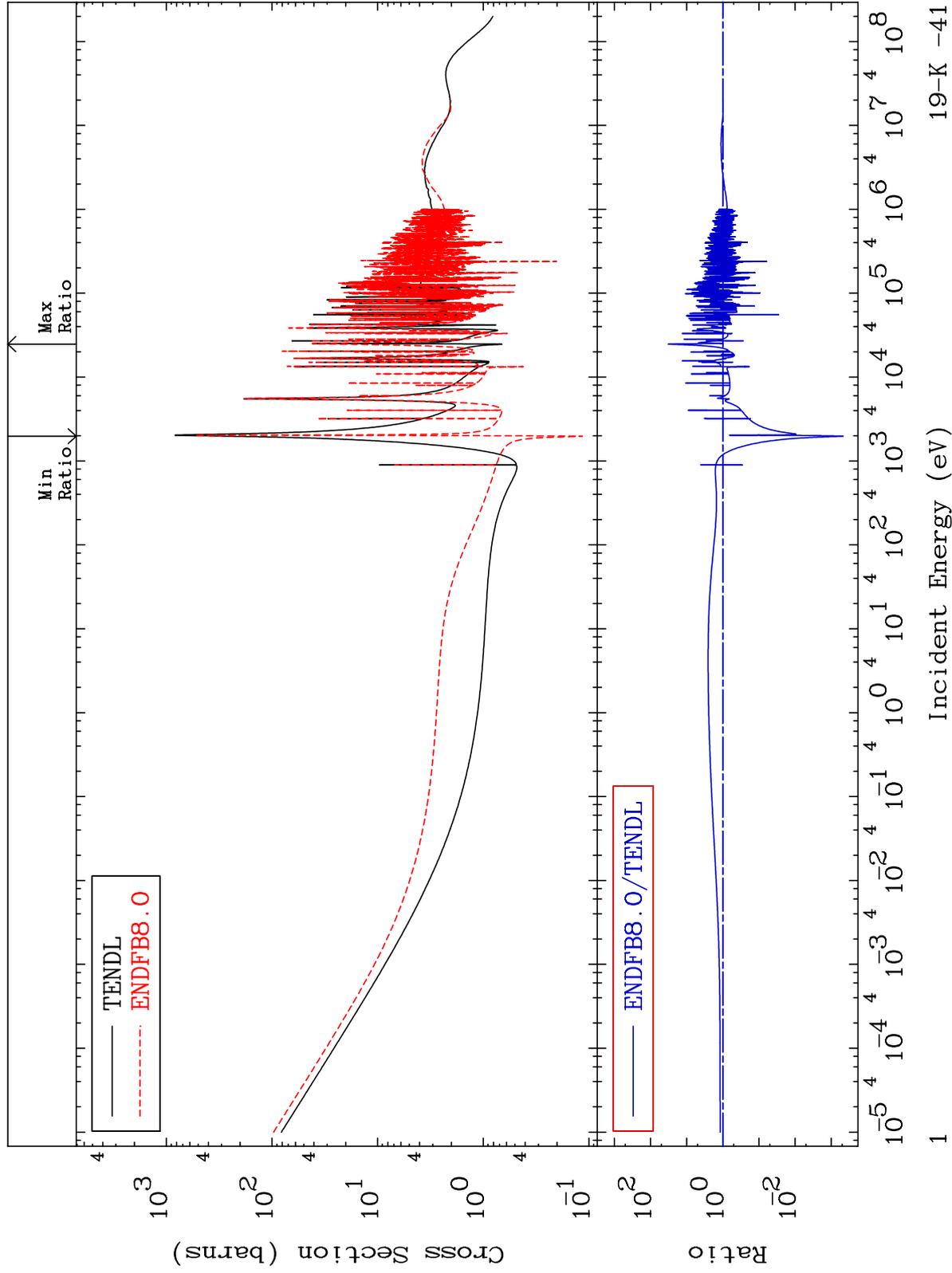
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1931

Total
Cross Section

19-K -41
-99.95 To 3149. %

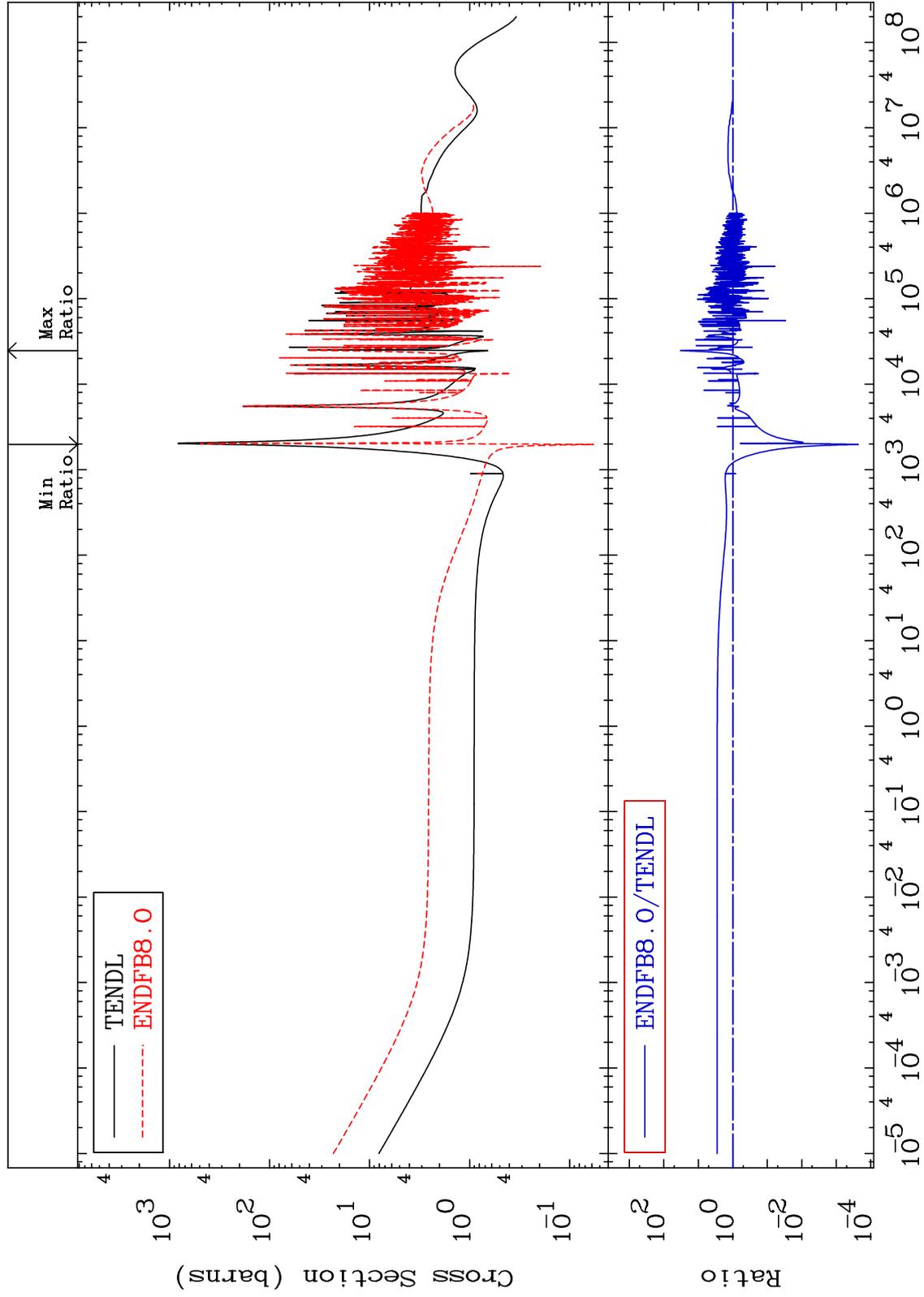


19-K -41

MAT 1931

Elastic
Cross Section

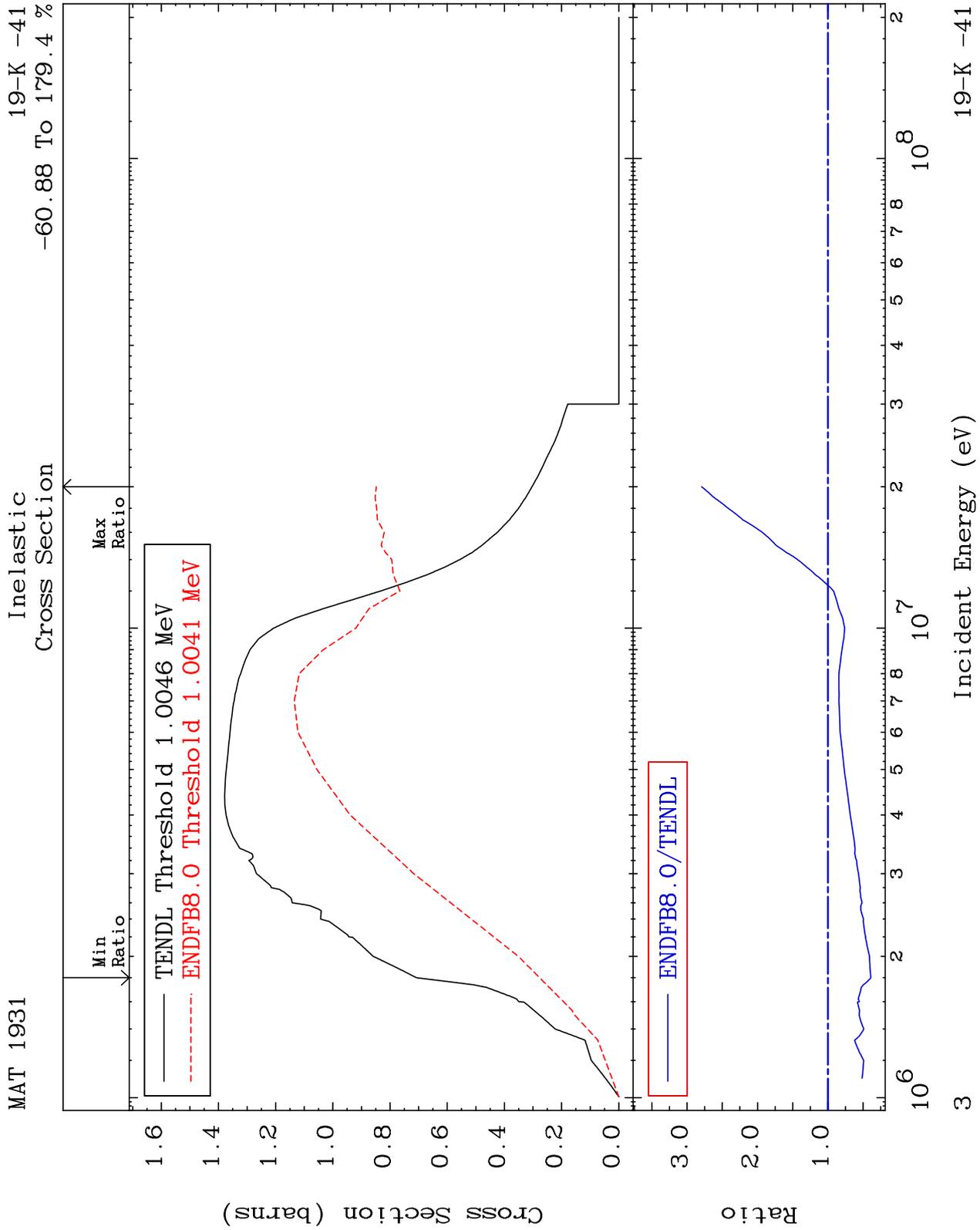
19-K -41
-99.98 To 3205. %



2

Incident Energy (eV)

19-K -41



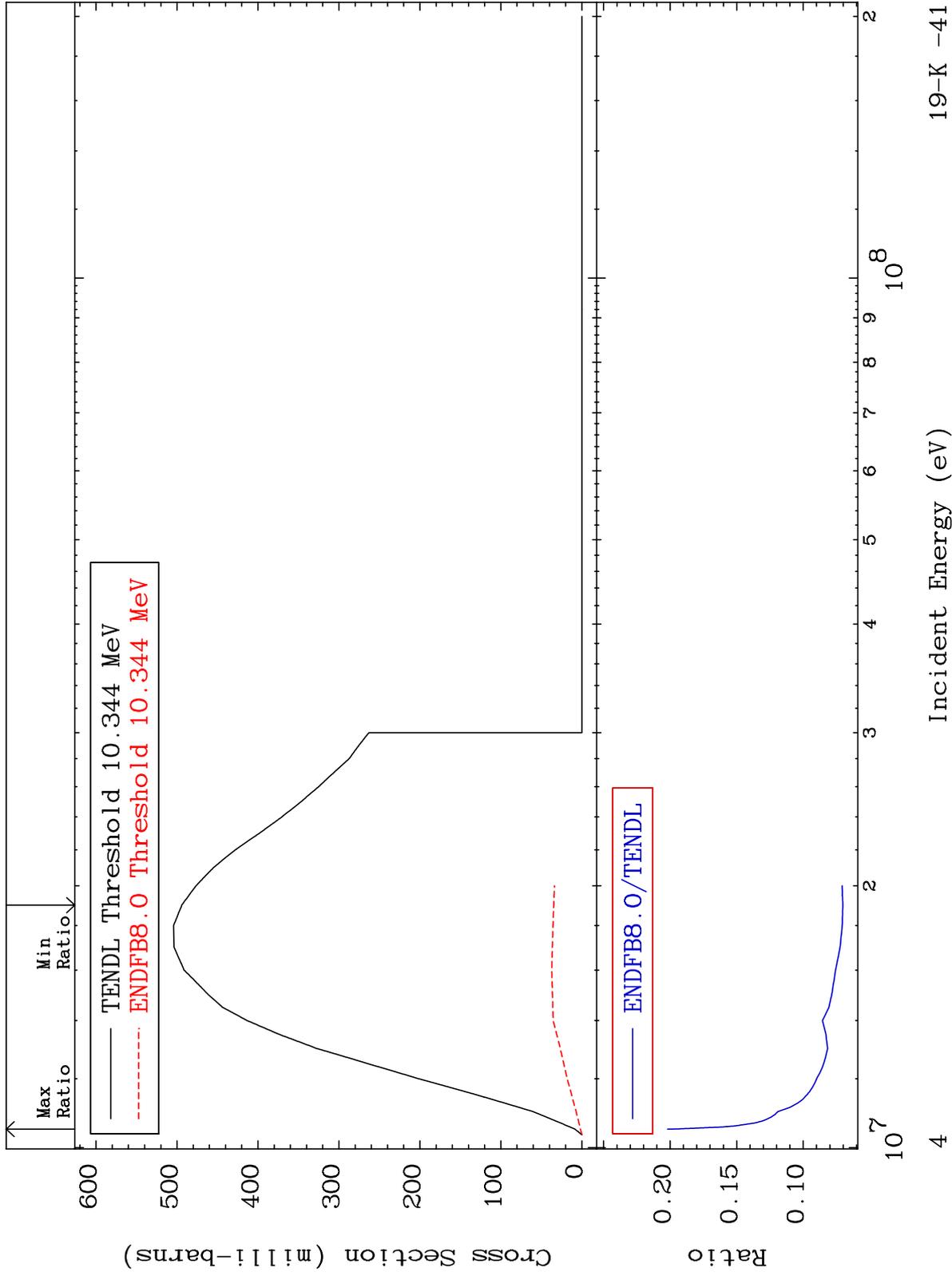
MAT 1931

(n,2n)

19-K -41

Cross Section

-92.98 To -79.81%



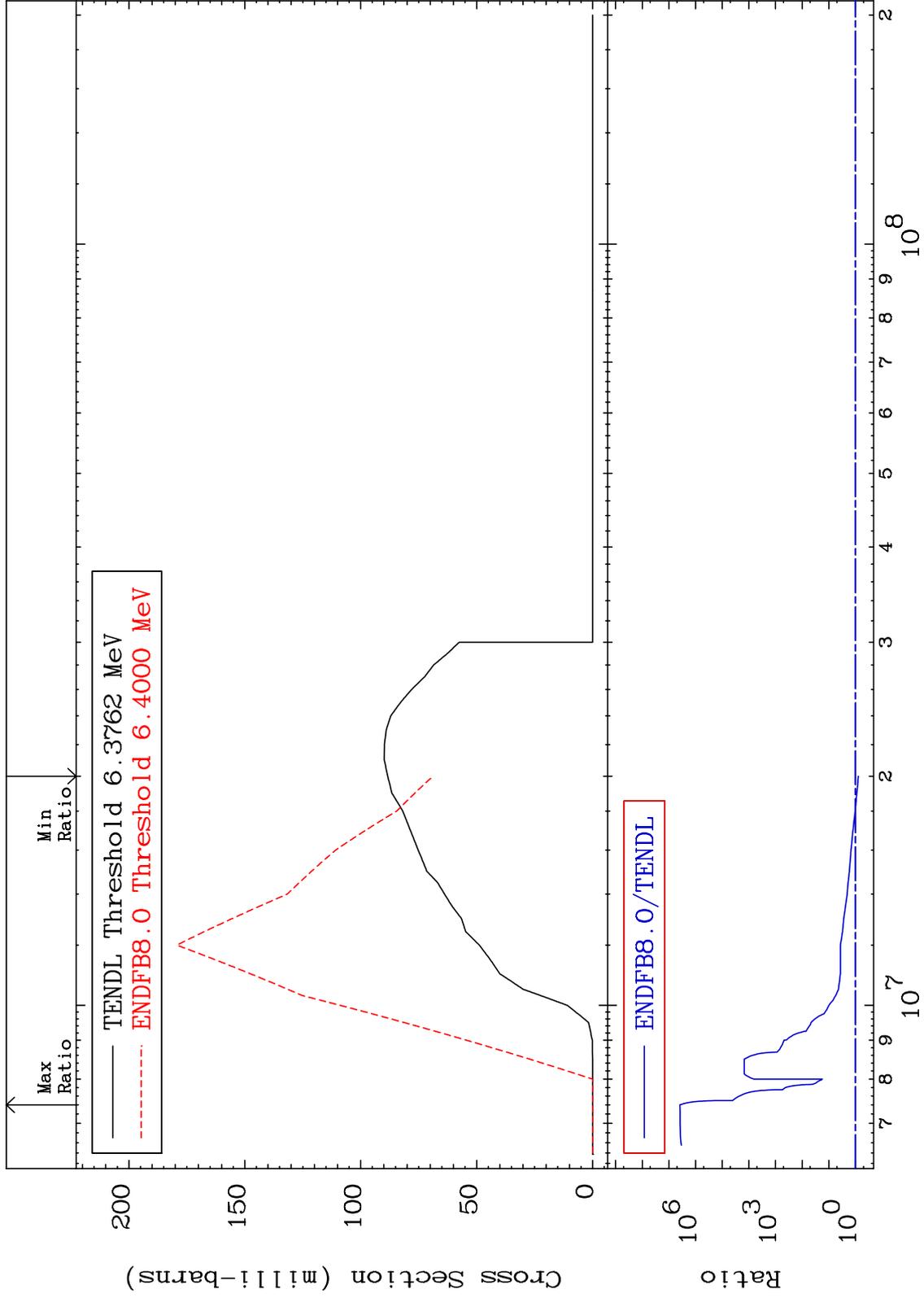
MAT 1931

(n,n') α

19-K -41

Cross Section

-22.09 To 9999. %



5

Incident Energy (eV)

19-K -41

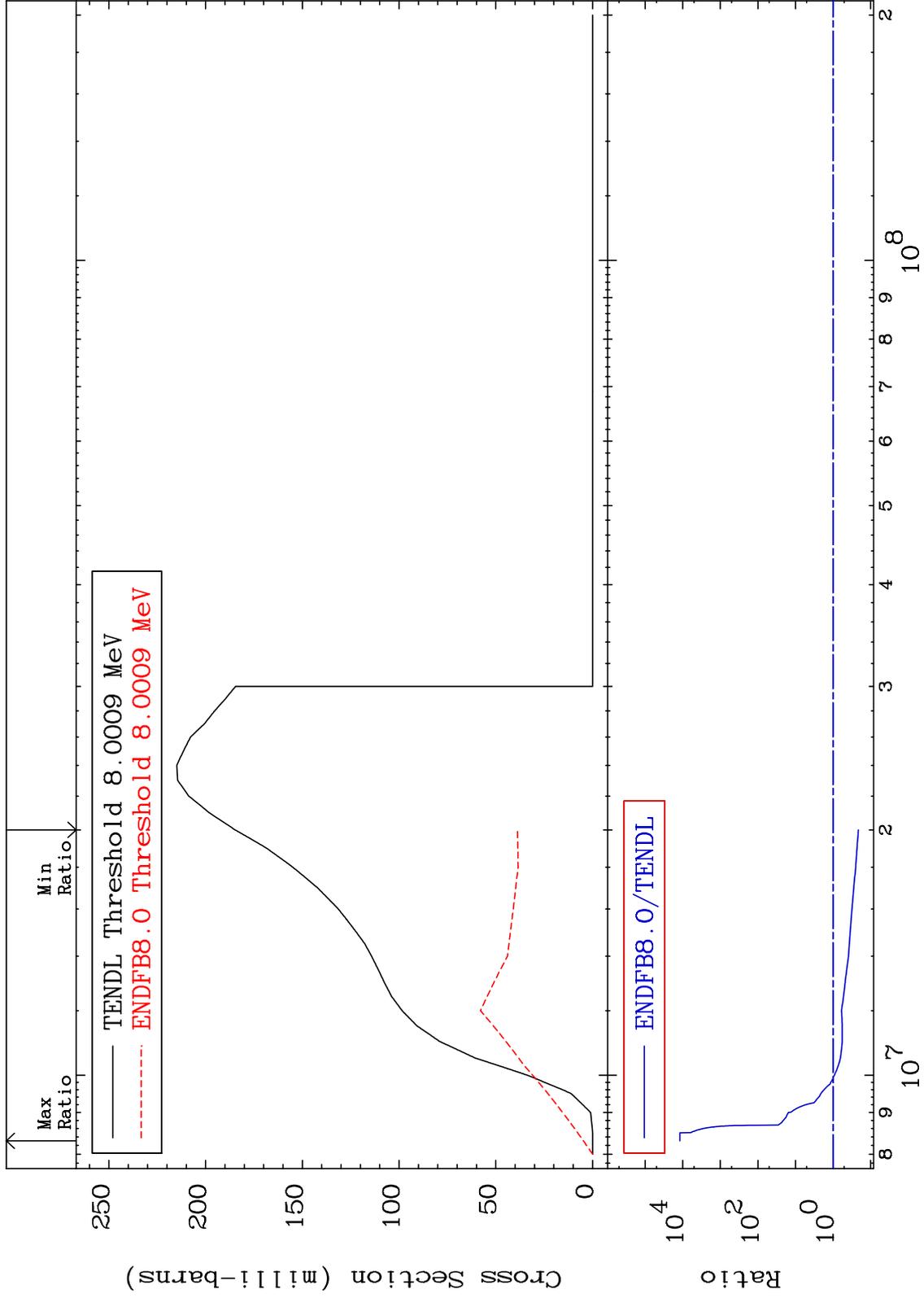
MAT 1931

(n,n') p

19-K -41

Cross Section

-79.00 To 9999. %

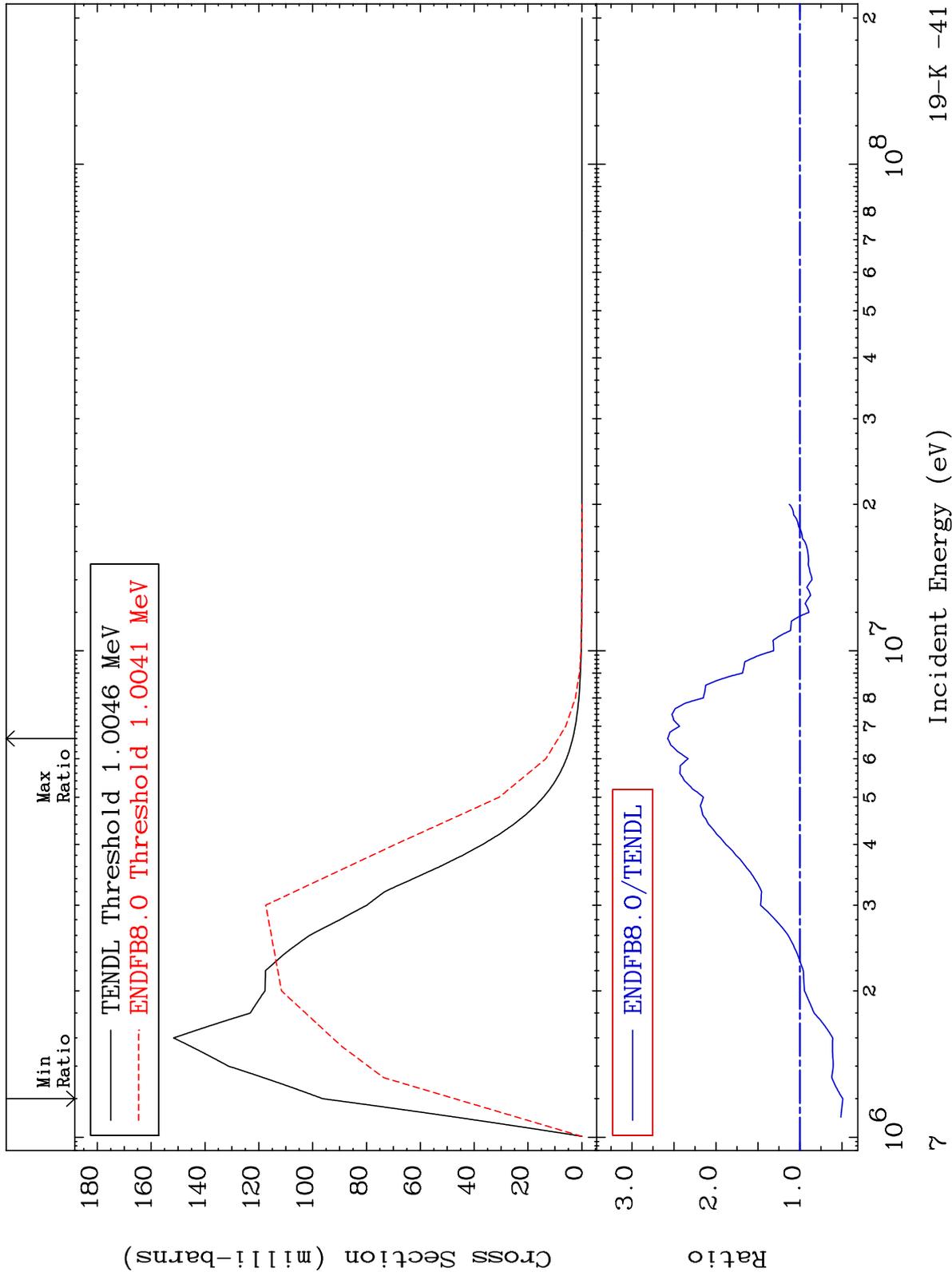


6

Incident Energy (eV)

19-K -41

MAT 1931 MT= 51 (n,n') Level Cross Section -50.96 To 157.5 % 19-K -41

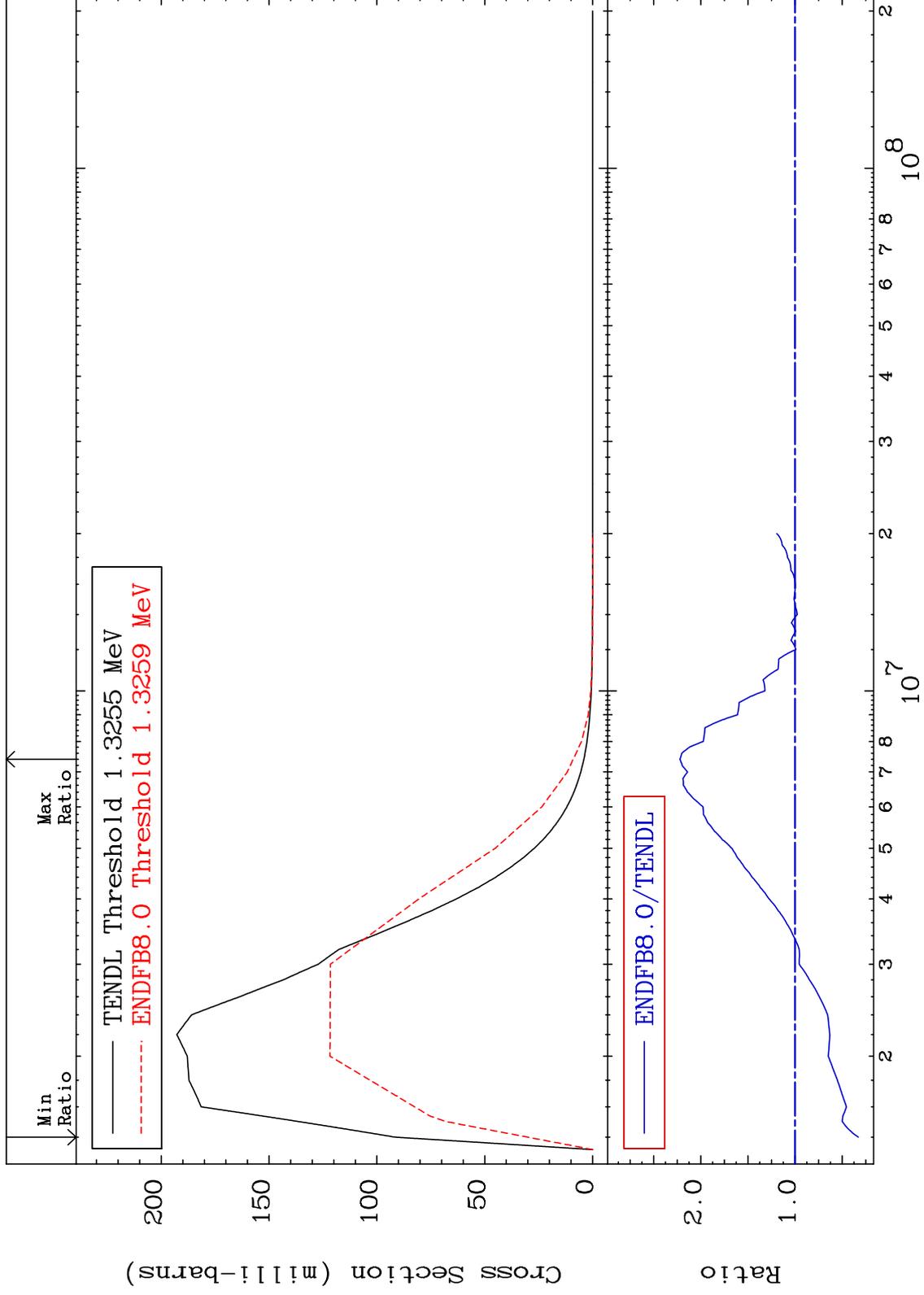


19-K -41

MAT 1931

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

19-K -41
-67.16 To 122.2 %



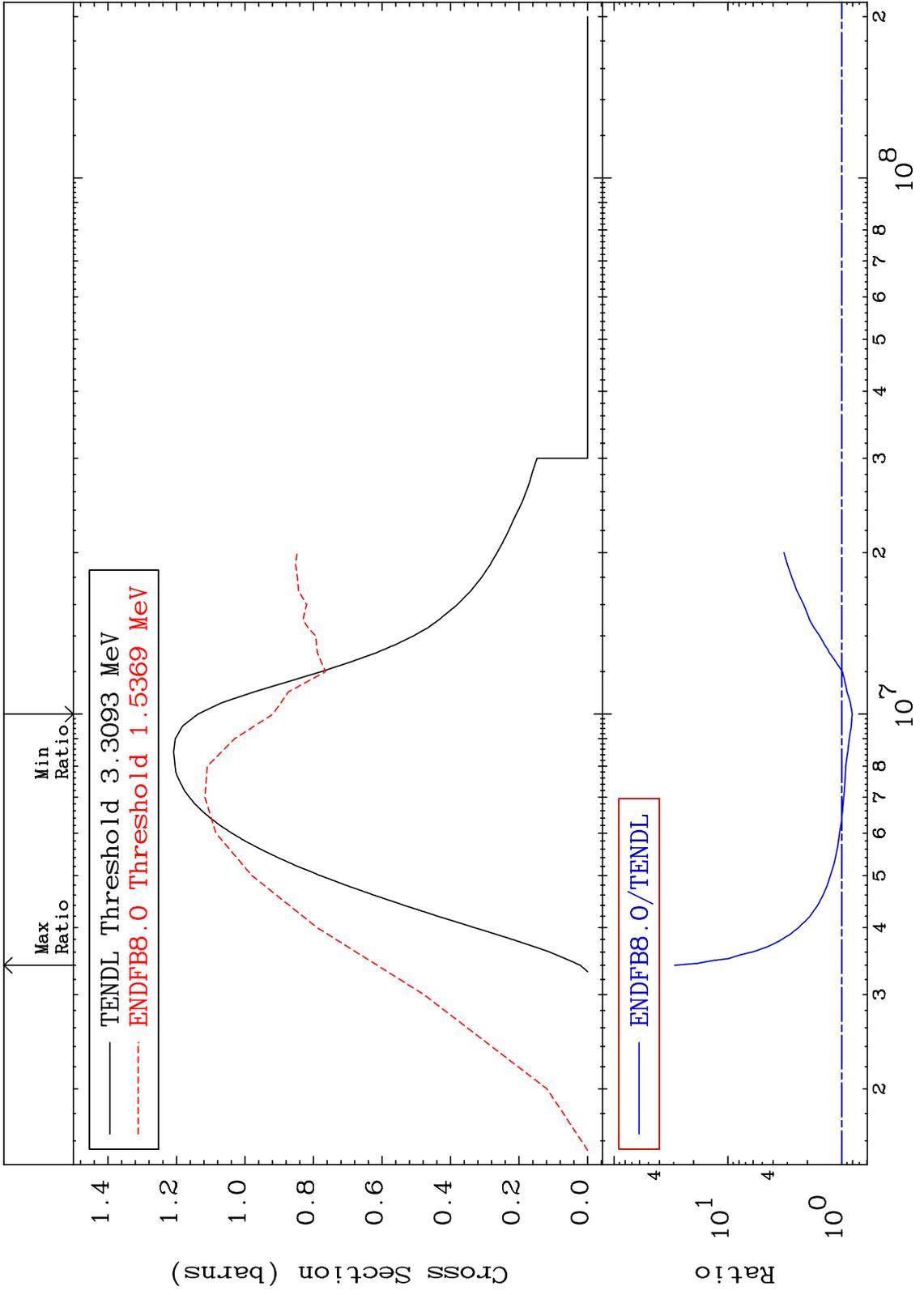
8

19-K -41

MAT 1931

(n,n') Continuum
Cross Section

19-K -41
-19.25 To 2847. %

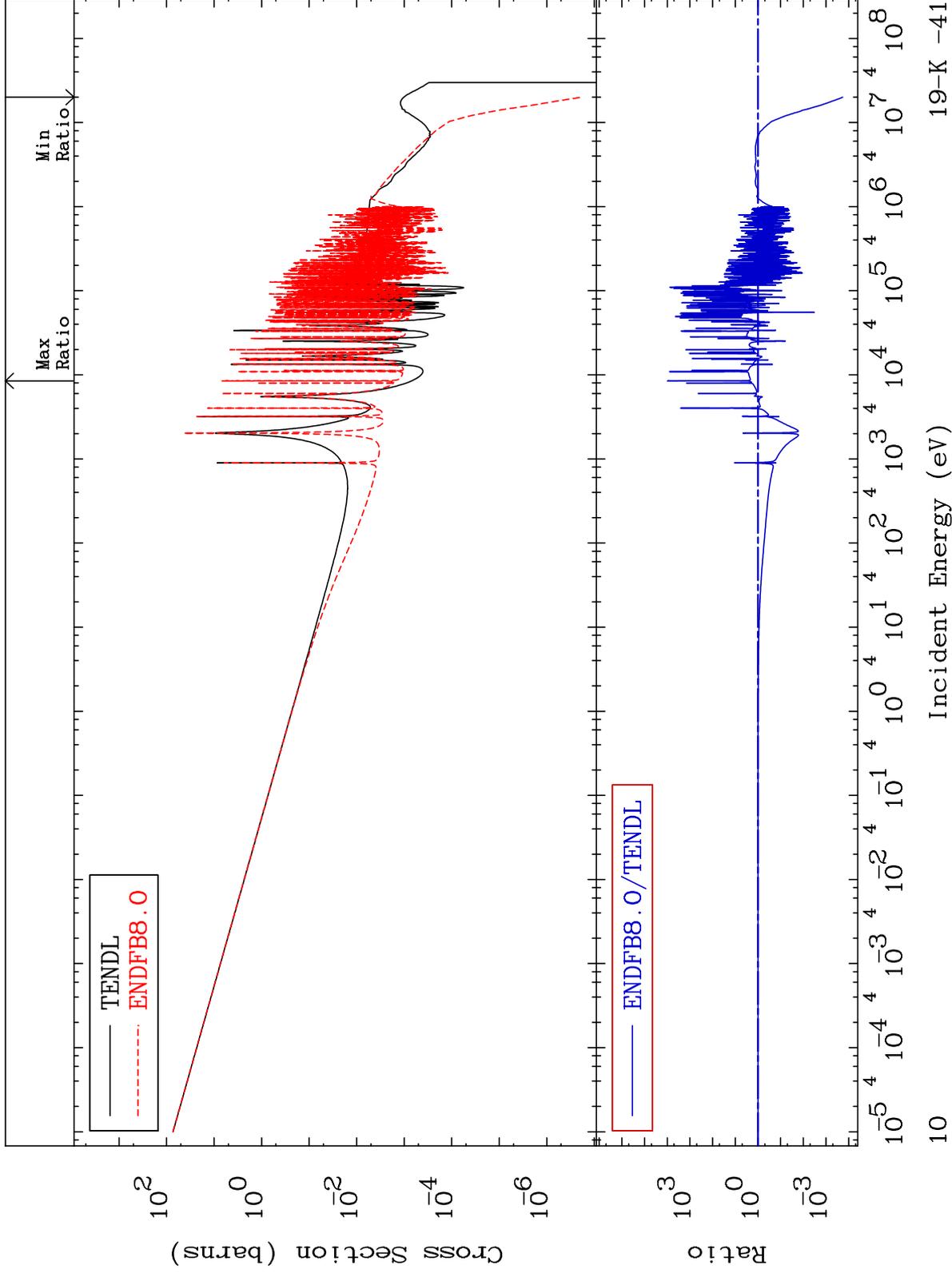


MAT 1931

(n, γ)

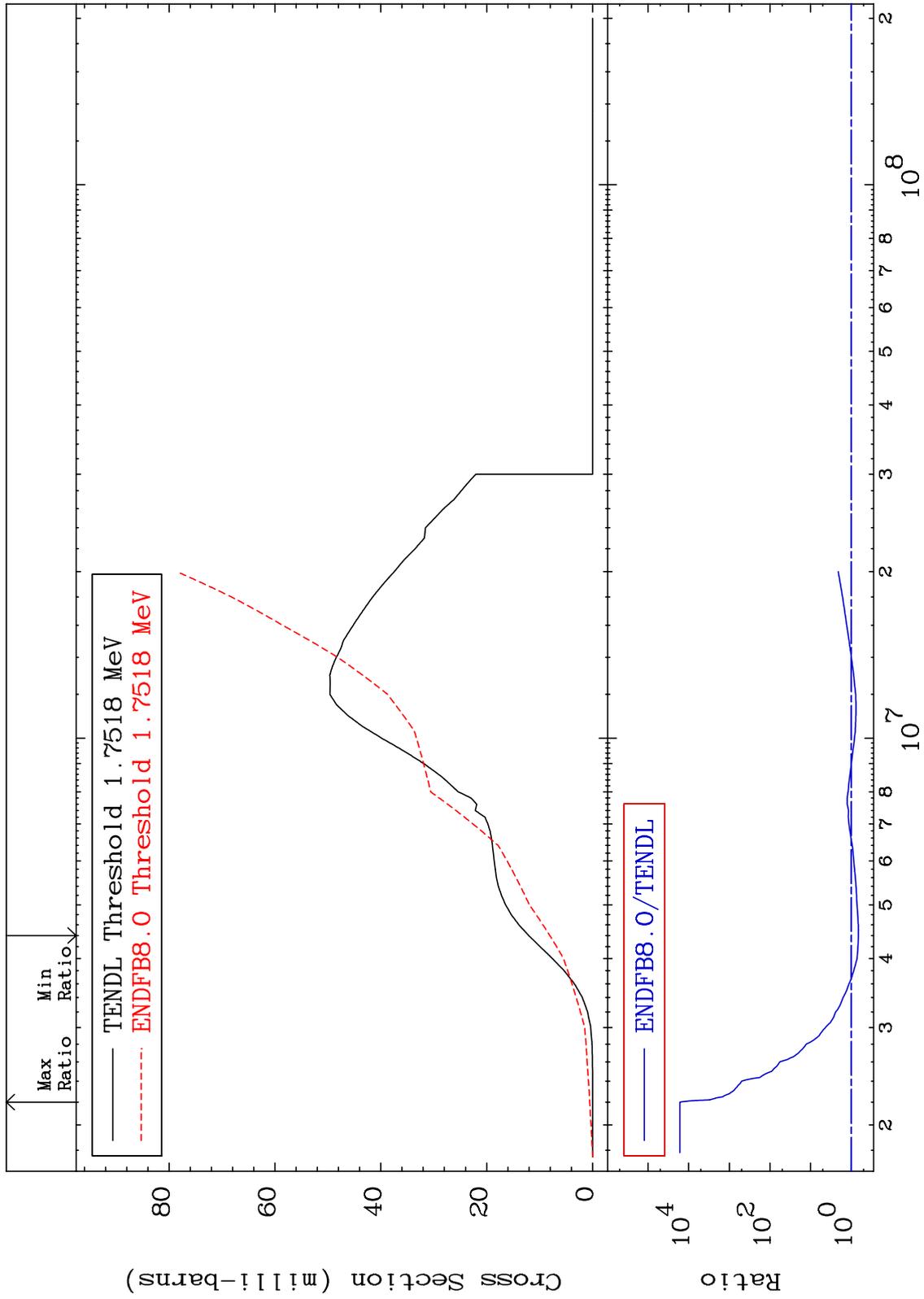
19-K -41
-99.98 To 9999. %

Cross Section



19-K -41

MAT 1931 (n,p) Cross Section 19-K -41 -33.12 To 9999. %



11 19-K -41

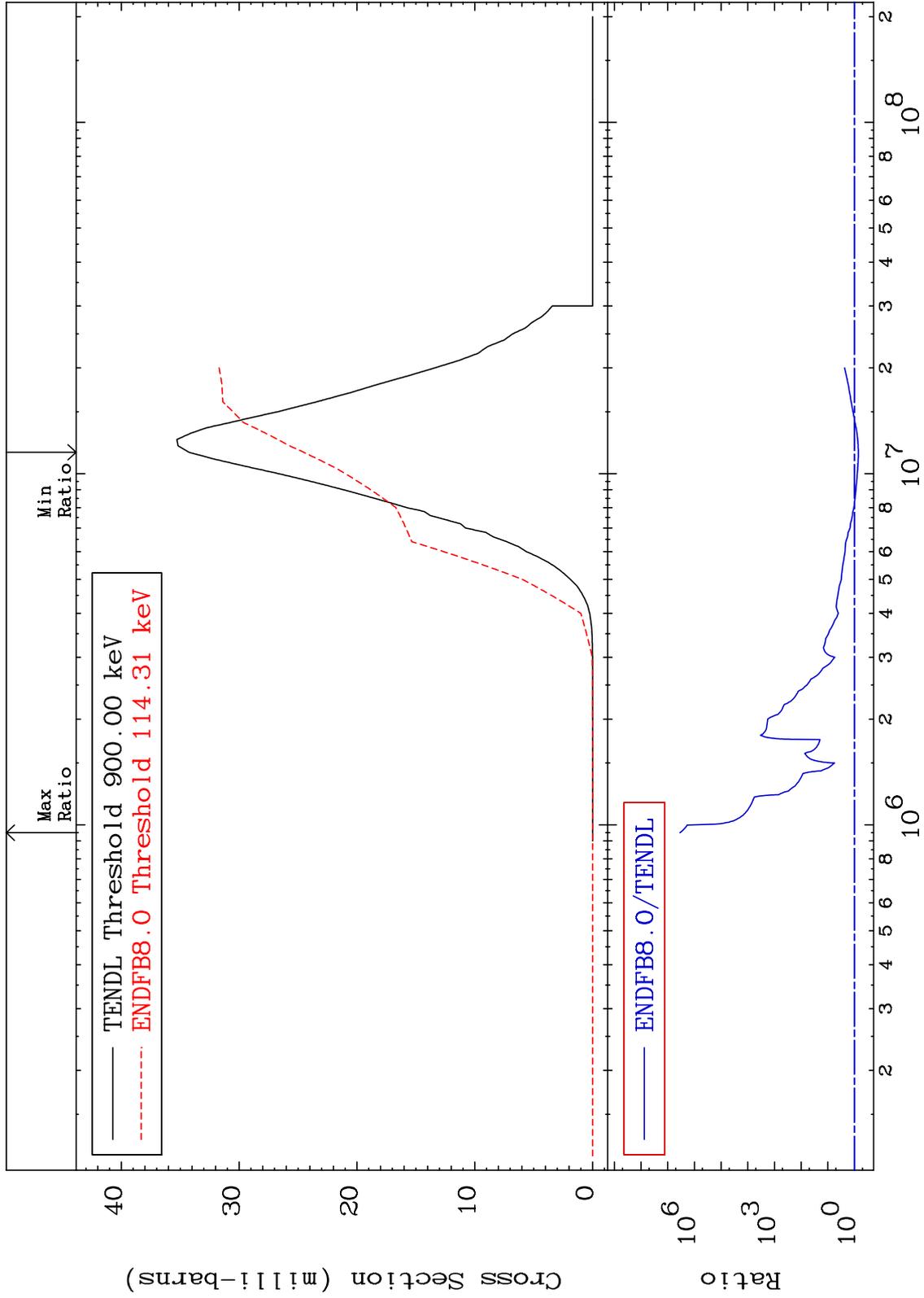
MAT 1931

(n, α)

19-K -41

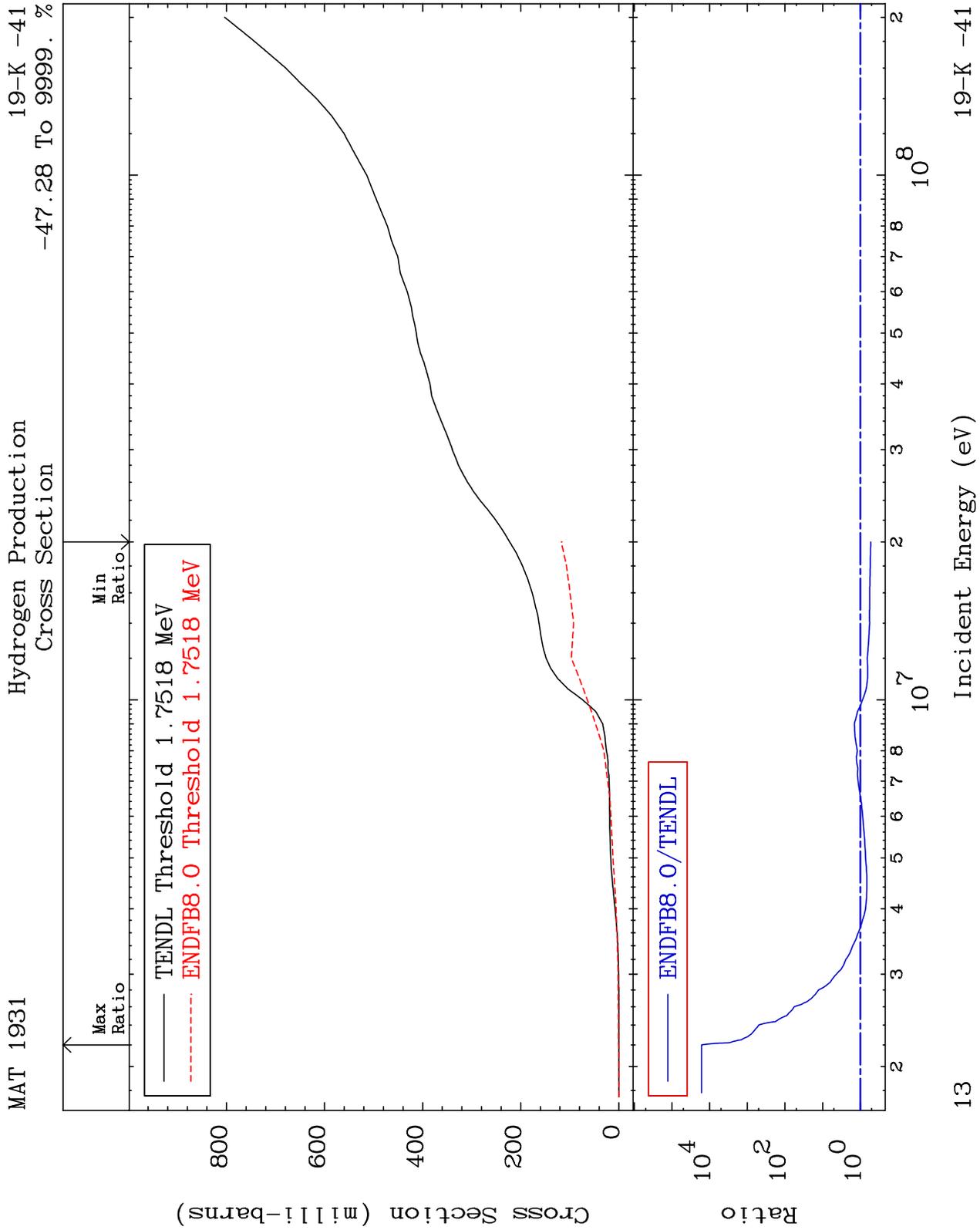
Cross Section

-28.44 To 9999. %



12

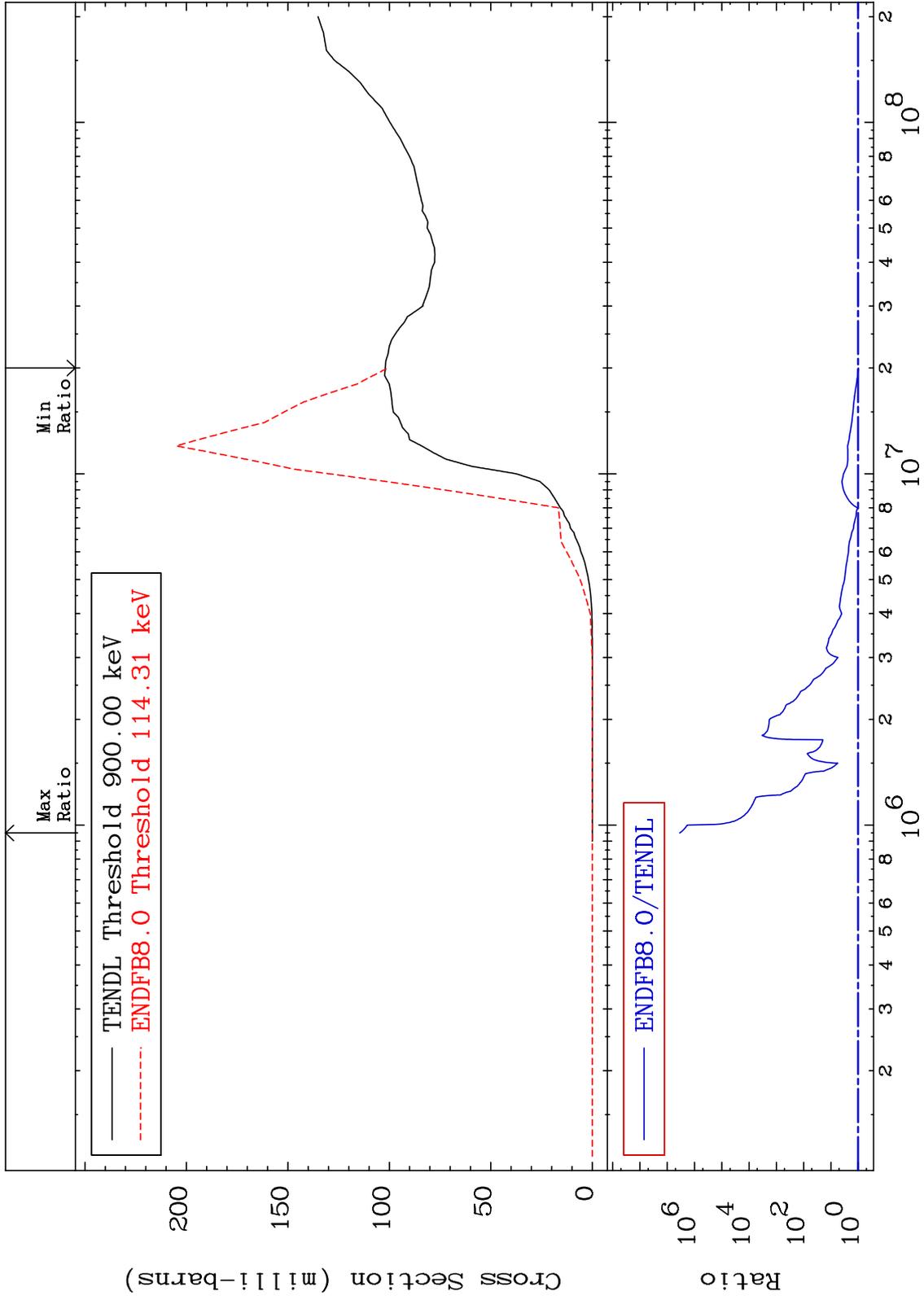
19-K -41



MAT 1931

He-4 Production
Cross Section

19-K -41
-1.453 To 9999. %



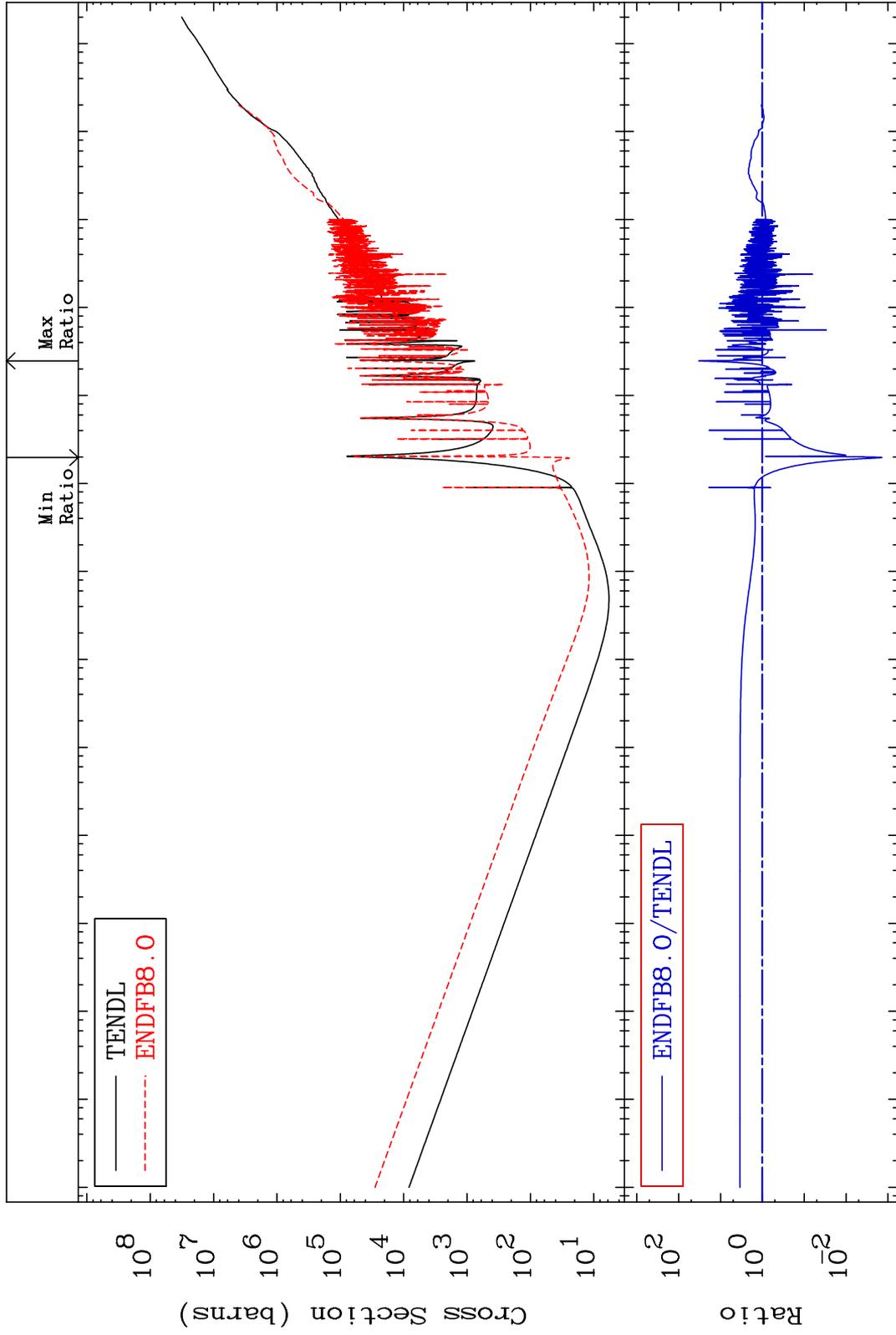
14

19-K -41

MAT 1931

Kerma total (eV-barns)
Cross Section

19-K -41
-99.86 To 3219. %



15

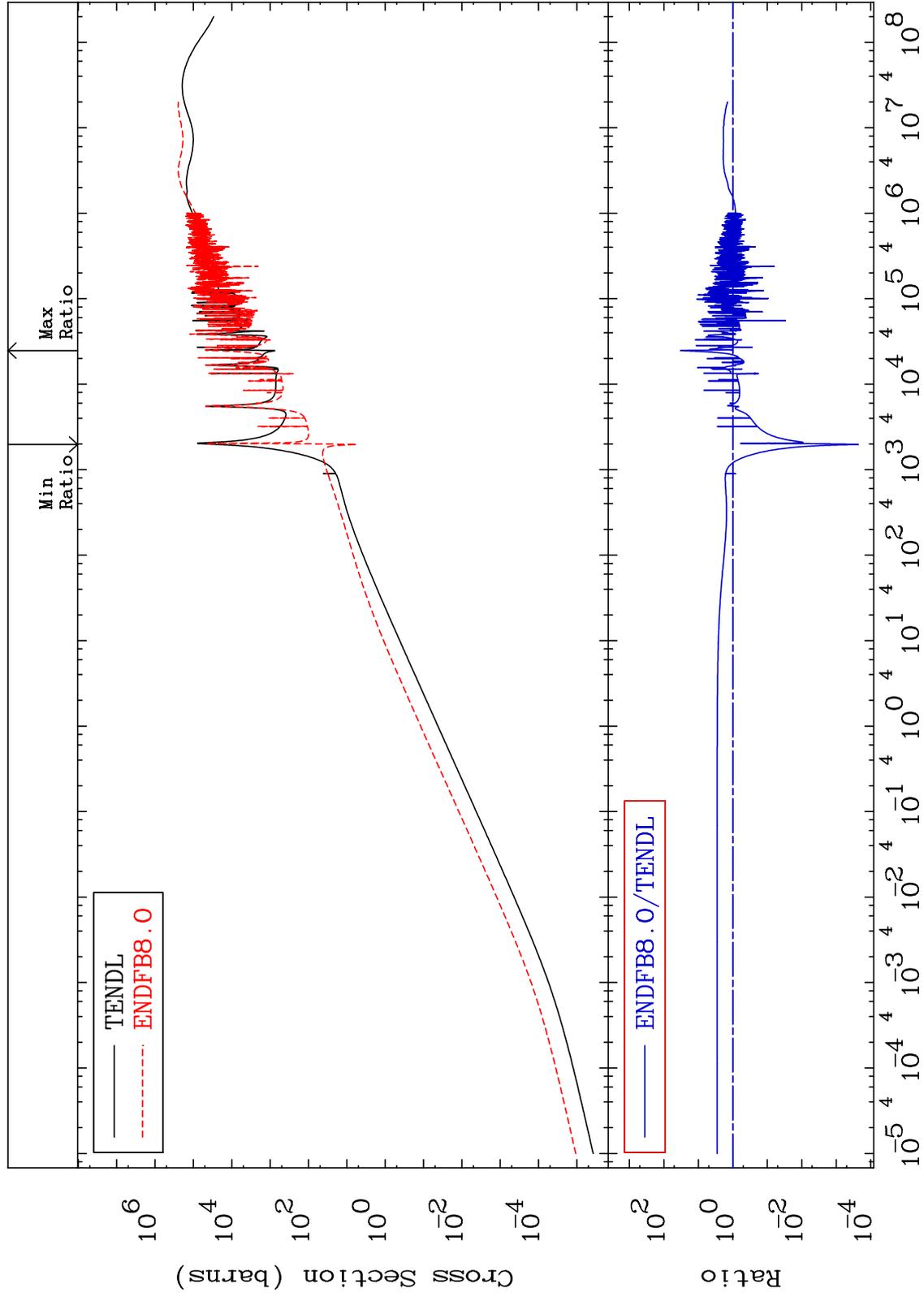
Incident Energy (eV)

19-K -41

MAT 1931

Kerma elastic
Cross Section

19-K -41
-99.98 To 3223. %



16

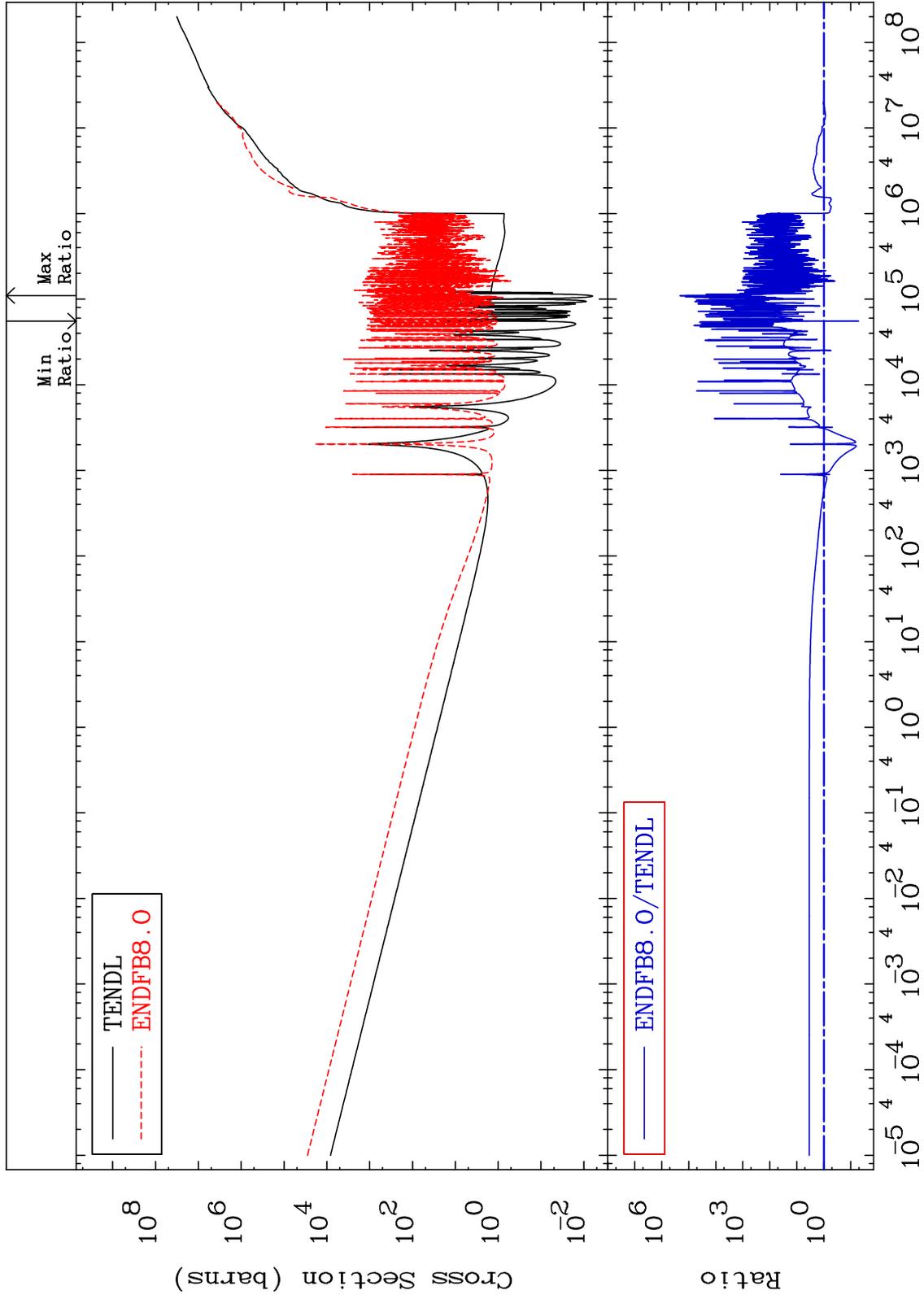
Incident Energy (eV)

19-K -41

MAT 1931

Kerma non-elastic (all but mt2)
Cross Section

19-K -41
-94.78 To 9999. %



17

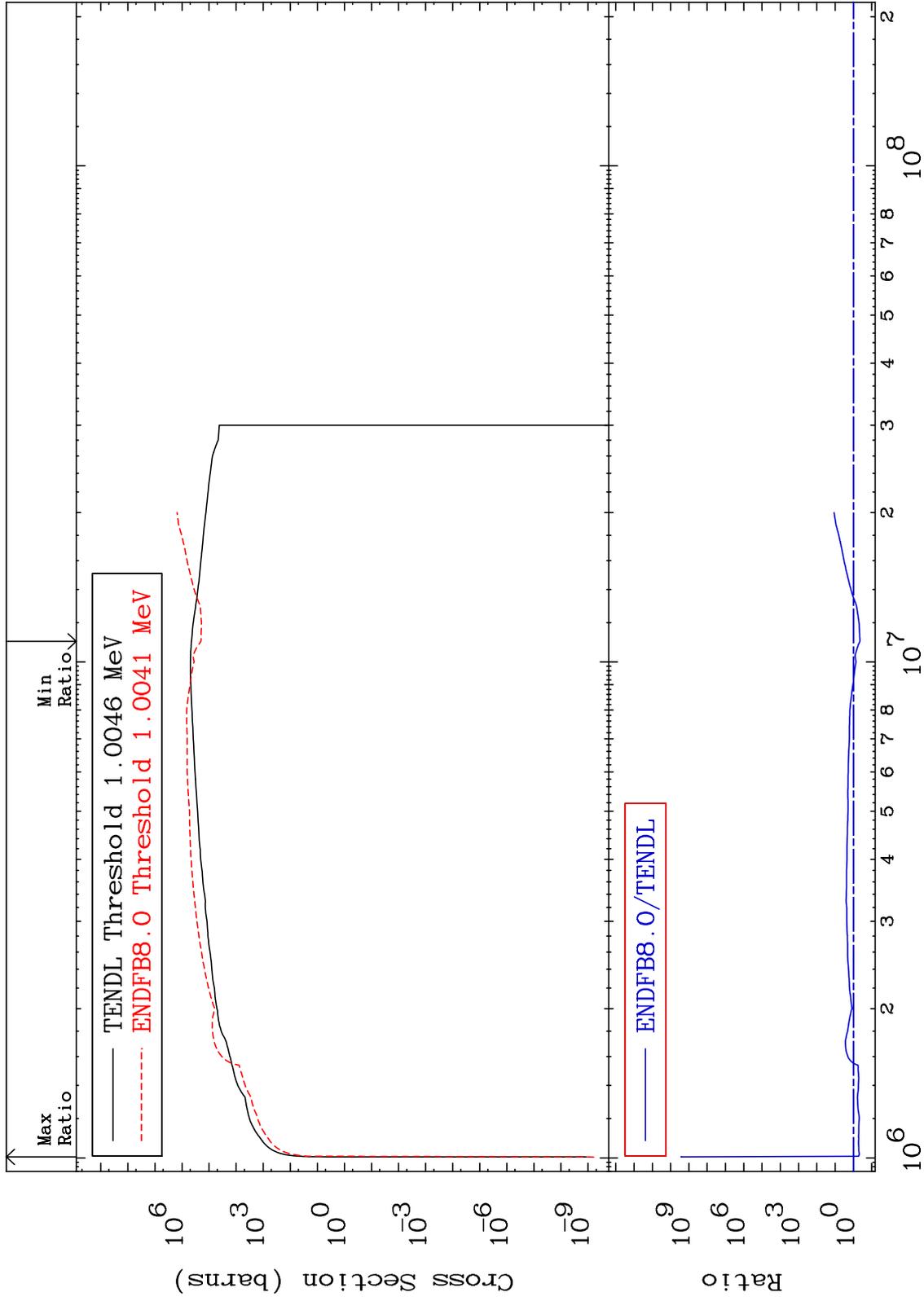
Incident Energy (eV)

19-K -41

MAT 1931

Kerma inelastic (mt51-91)
Cross Section

19-K -41
-55.68 To 9999. %



18

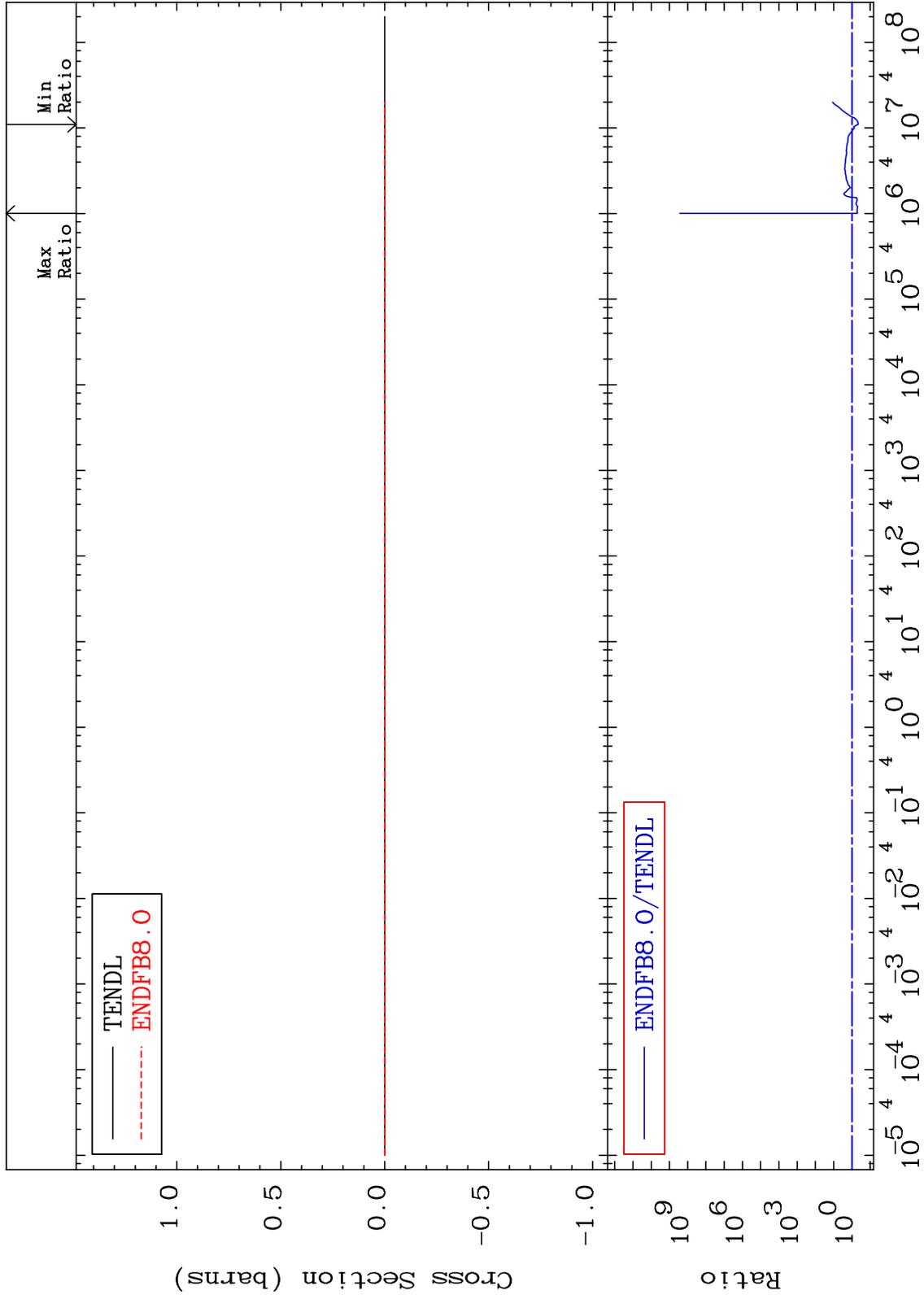
Incident Energy (eV)

19-K -41

MAT 1931

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

19-K -41
-55.68 To 9999. %



19

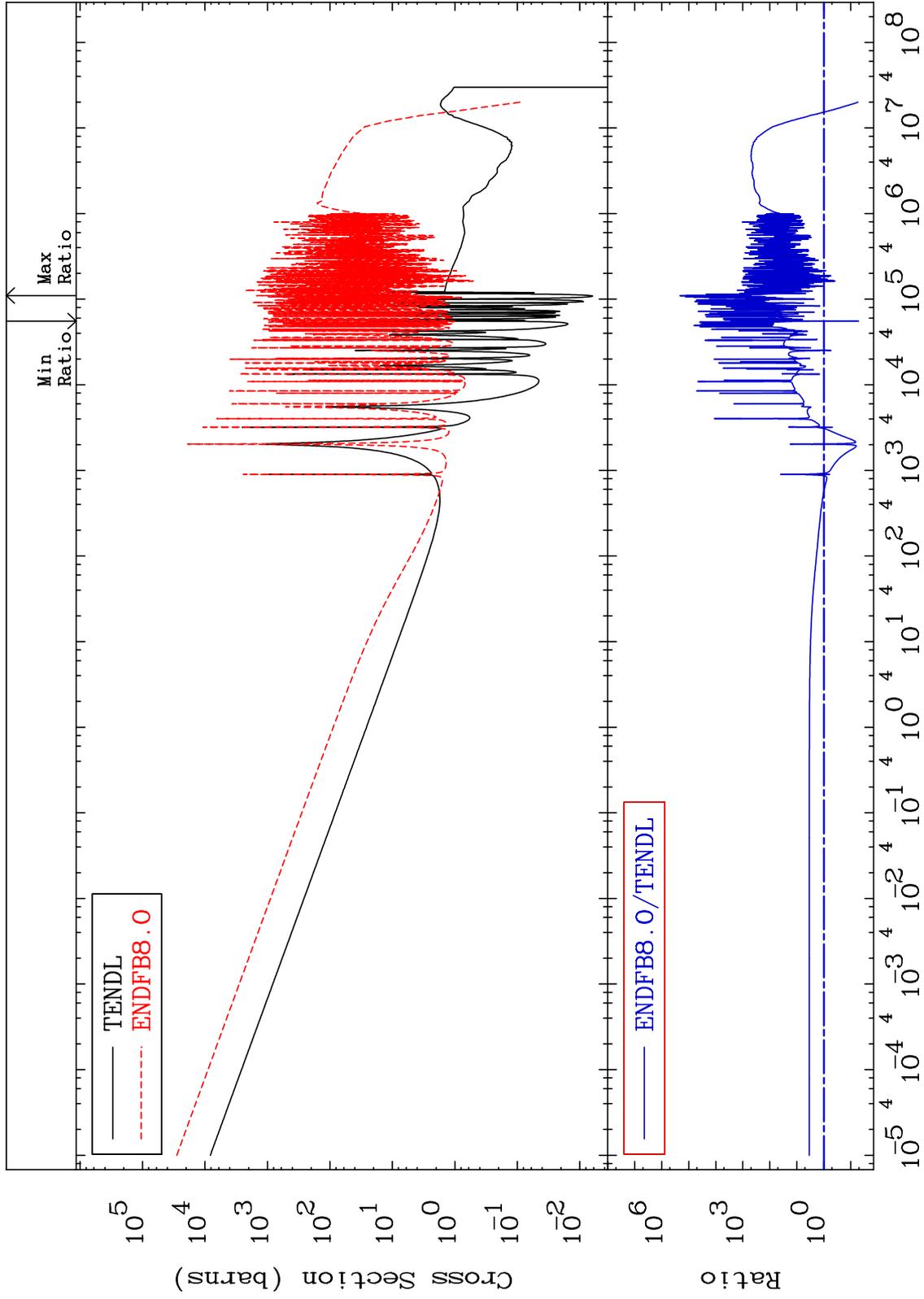
Incident Energy (eV)

19-K -41

MAT 1931

Kerma capture (mt102)
Cross Section

19-K -41
-94.78 To 9999. %



20

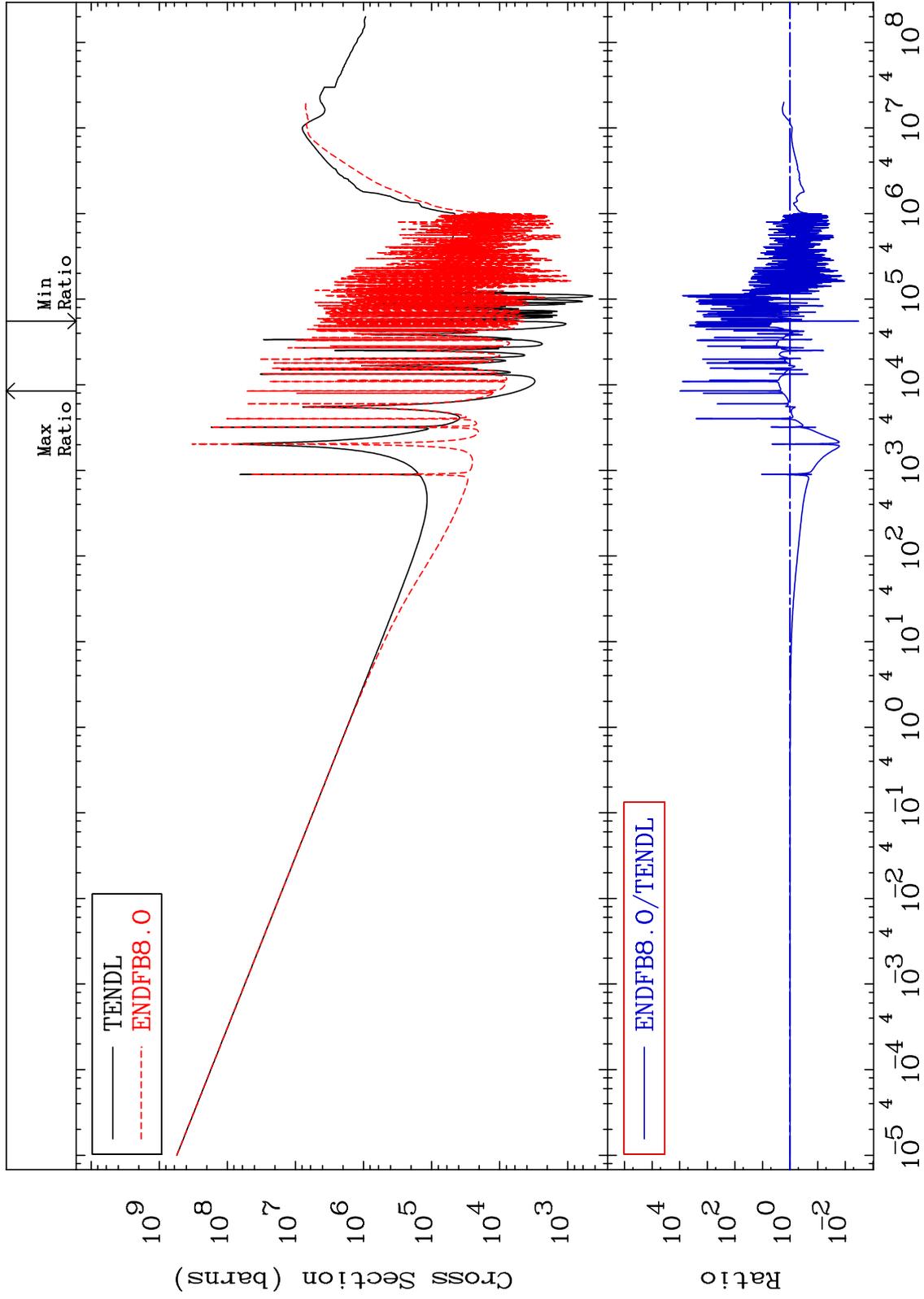
Incident Energy (eV)

19-K -41

MAT 1931

Total photon (eV-barns)
Cross Section

19-K -41
-99.67 To 9999. %



21

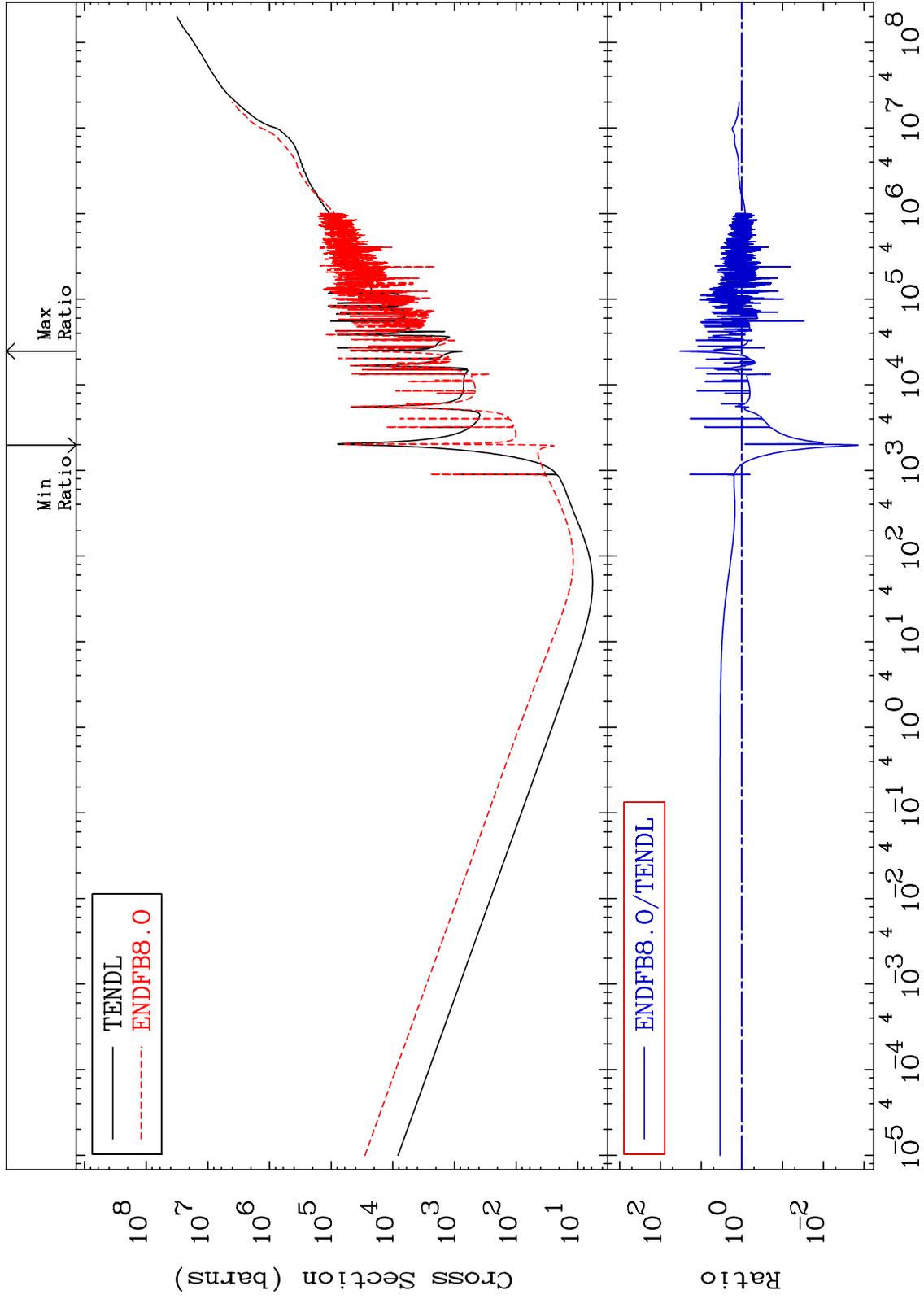
Incident Energy (eV)

19-K -41

MAT 1931

Total kinematic kerma (high limit)
Cross Section

19-K -41
-99.86 To 3219. %



22

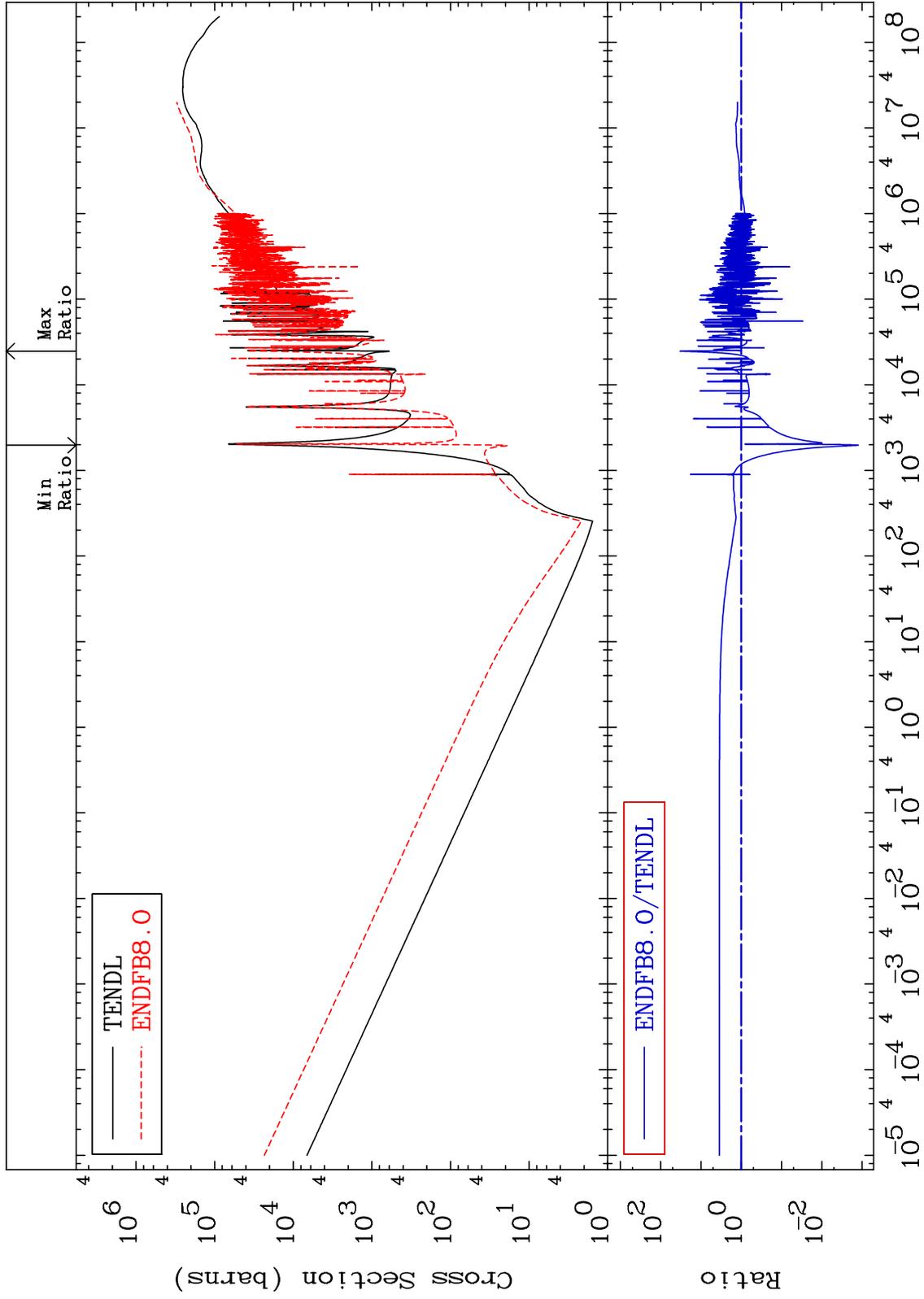
Incident Energy (eV)

19-K -41

MAT 1931

Dpa total (eV-barns)
Cross Section

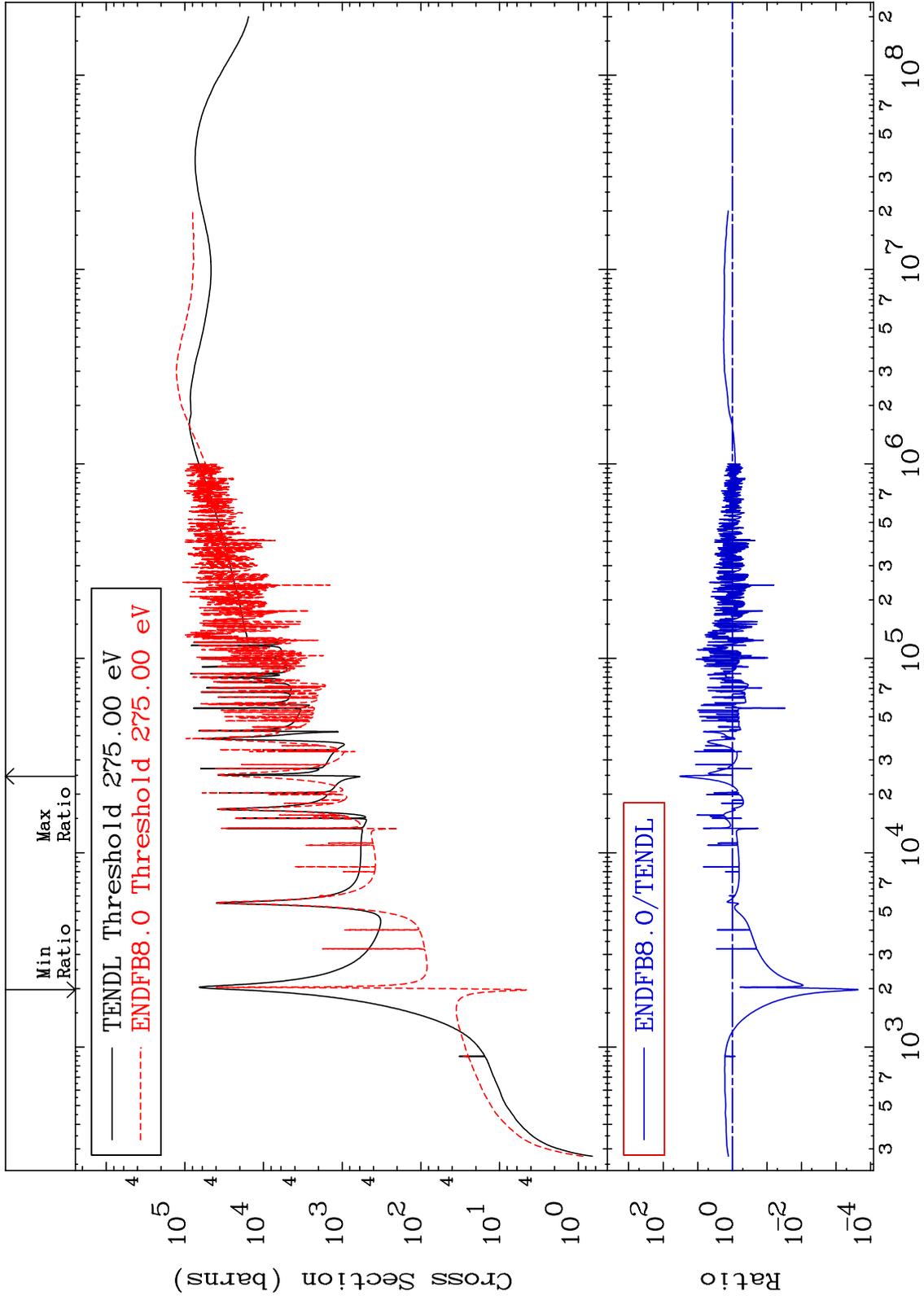
19-K -41
-99.88 To 3218. %



MAT 1931

Dpa elastic (mt2)
Cross Section

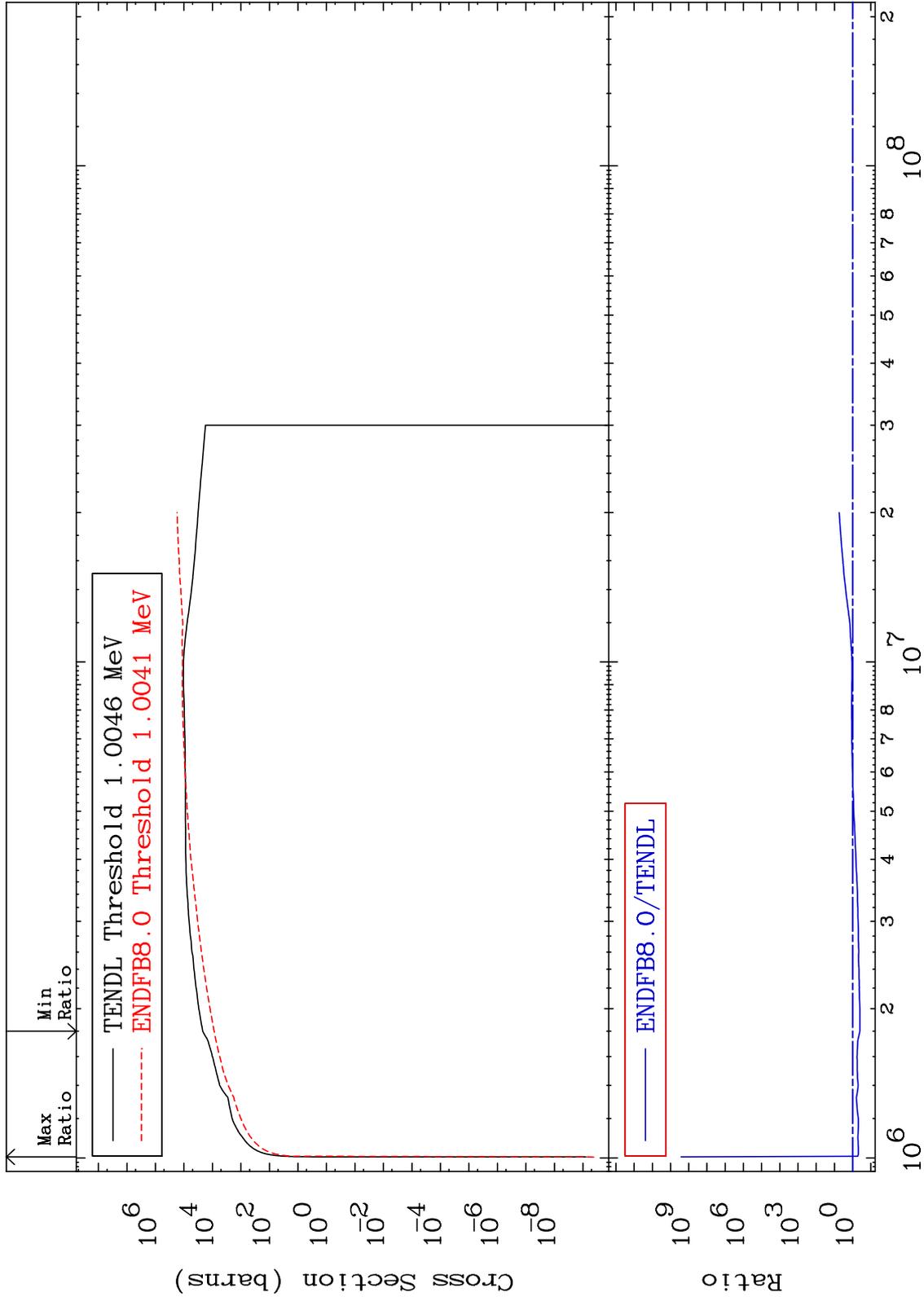
19-K -41
-99.98 To 3223. %



MAT 1931

Dpa inelastic (mt51-91)
Cross Section

19-K -41
-60.26 To 9999. %



19-K -41

25

MAT 1931

Dpa disappearance (mt102 -120)
Cross Section

19-K -41
-98.80 To 9999. %

