

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

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

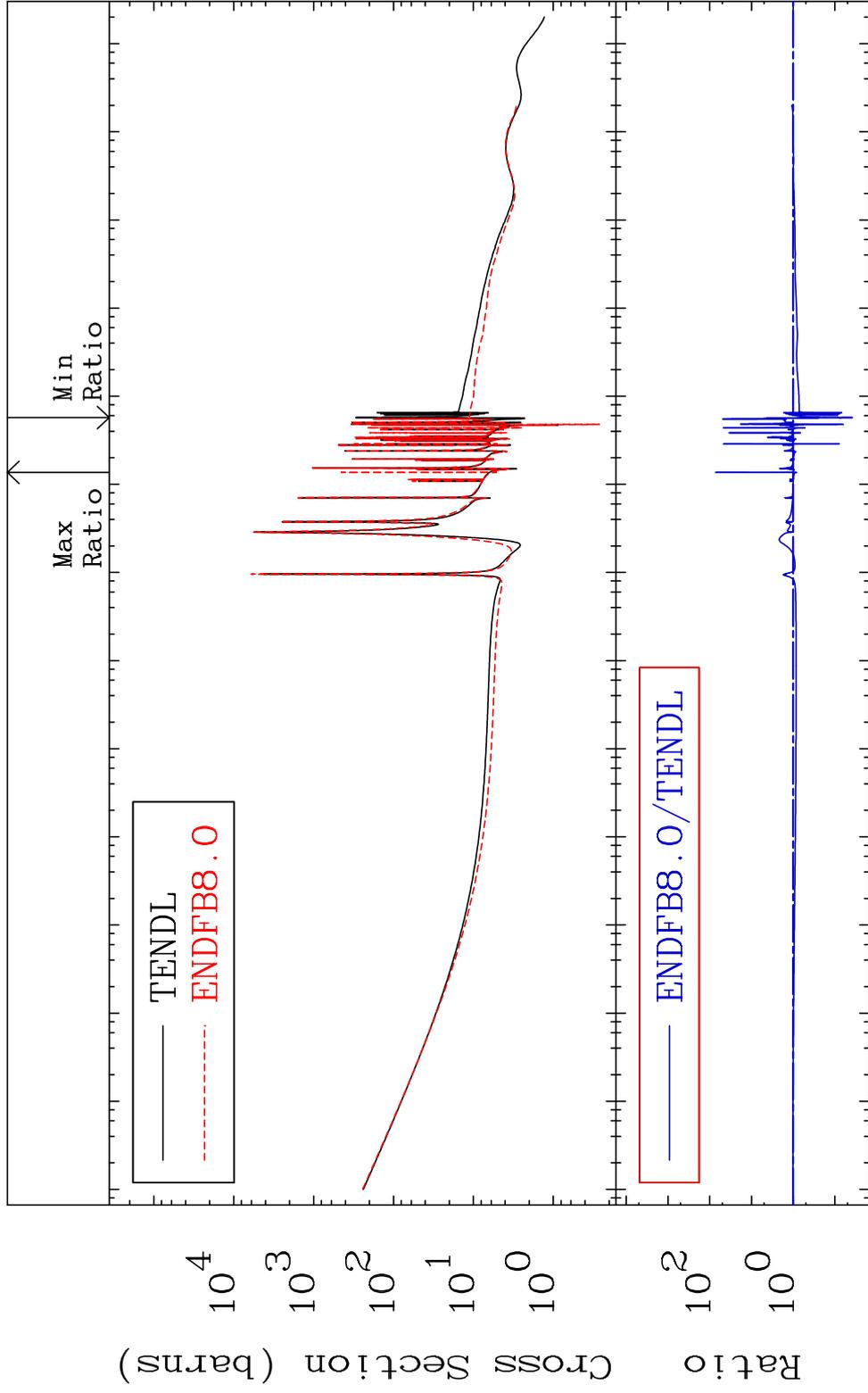
Press Mouse Button to Start

MAT 3131

Total

31-Ga-71

Cross Section -96.20 To 7021. %



1

Incident Energy (eV)

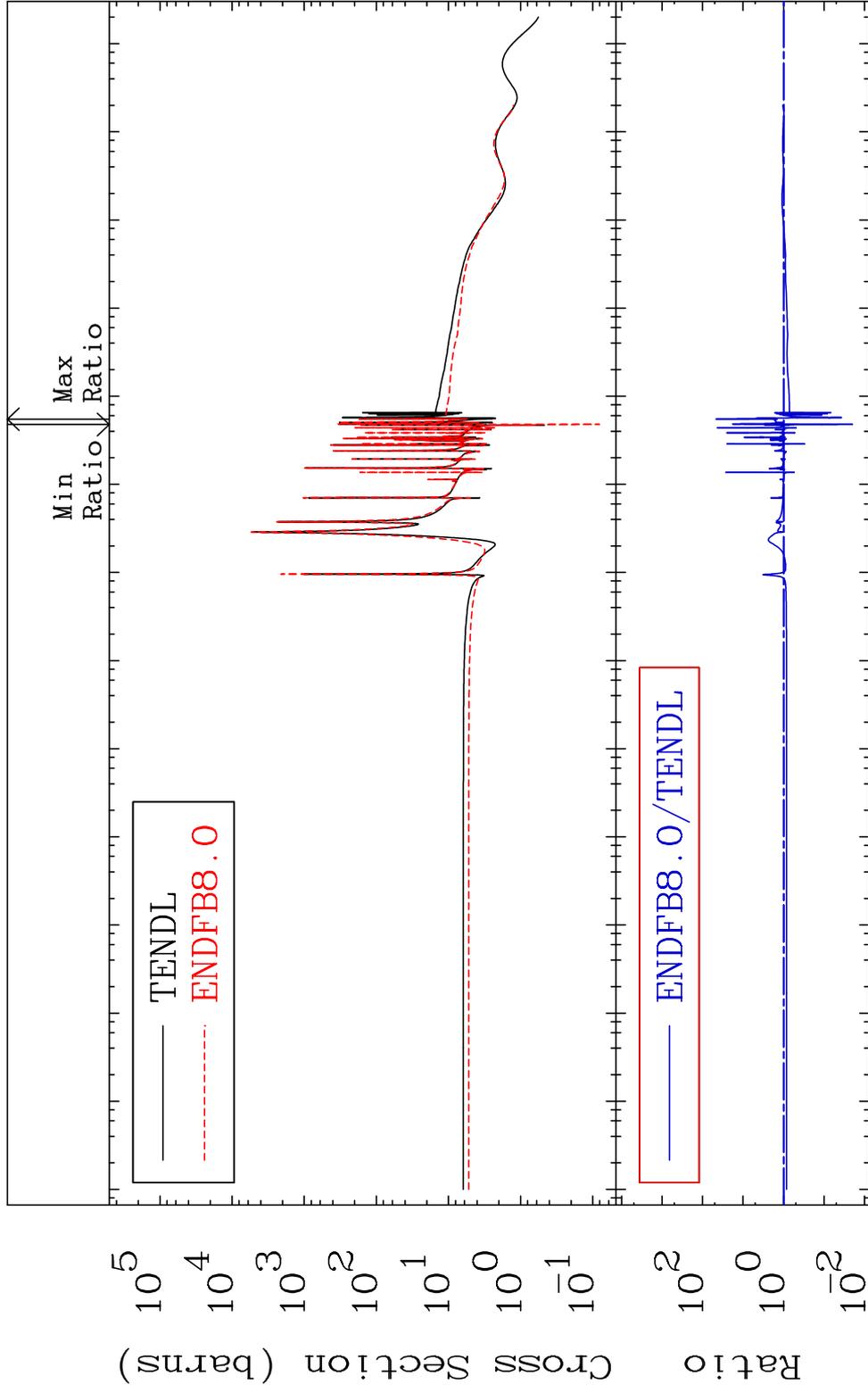
31-Ga-71

MAT 3131

Elastic

31-Ga-71

Cross Section -98.02 To 4588. %



2

Incident Energy (eV)

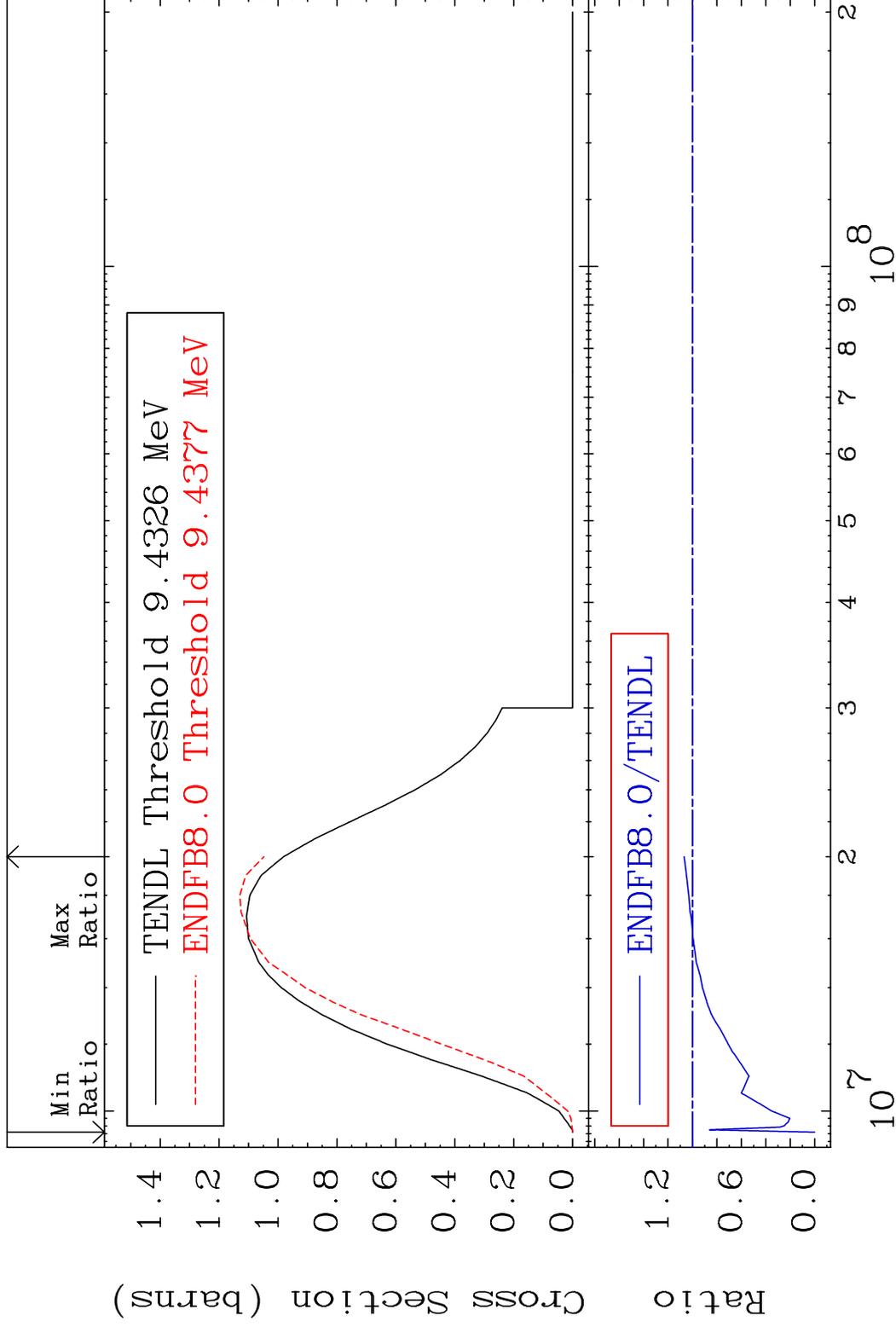
31-Ga-71

MAT 3131

(n,2n)

31-Ga-71

Cross Section -100.0 To 6.821 %



4

Incident Energy (eV)

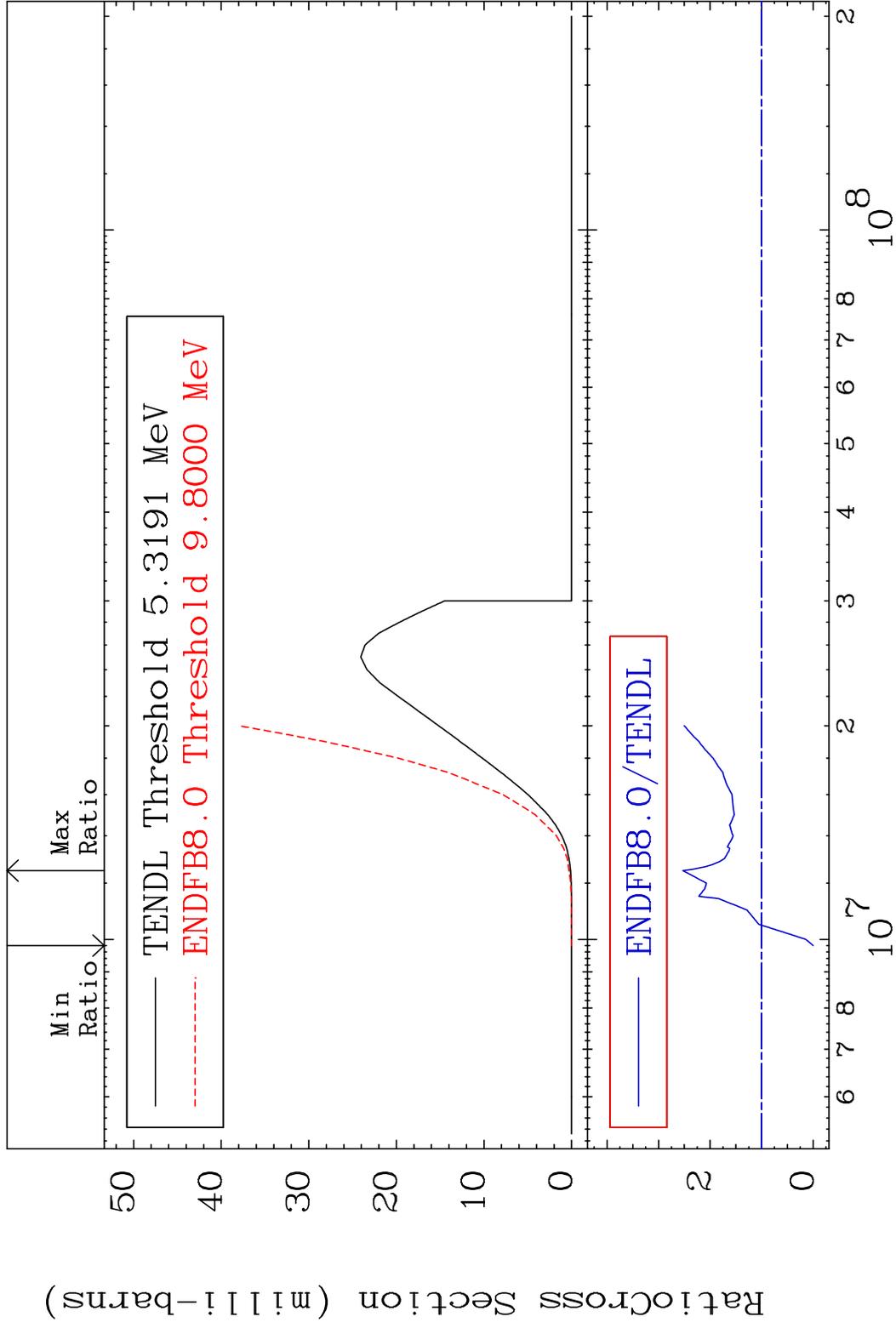
31-Ga-71

MAT 3131

(n, n') α

31-Ga-71

Cross Section -100.0 To 152.9 %



6

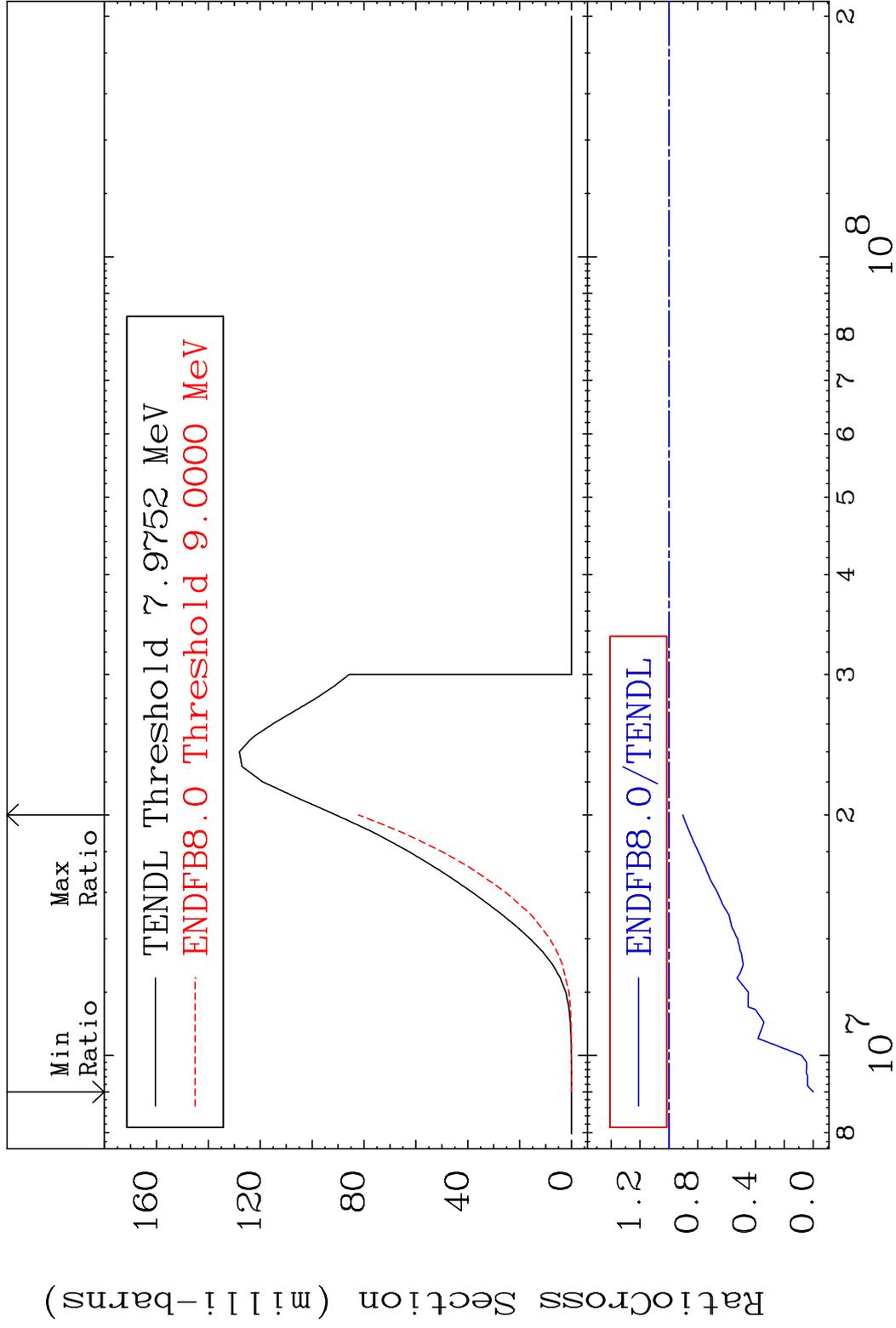
Incident Energy (eV)

31-Ga-71

MAT 3131

(n, n') p 31-Ga-71

Cross Section -100.0 To -9.649%

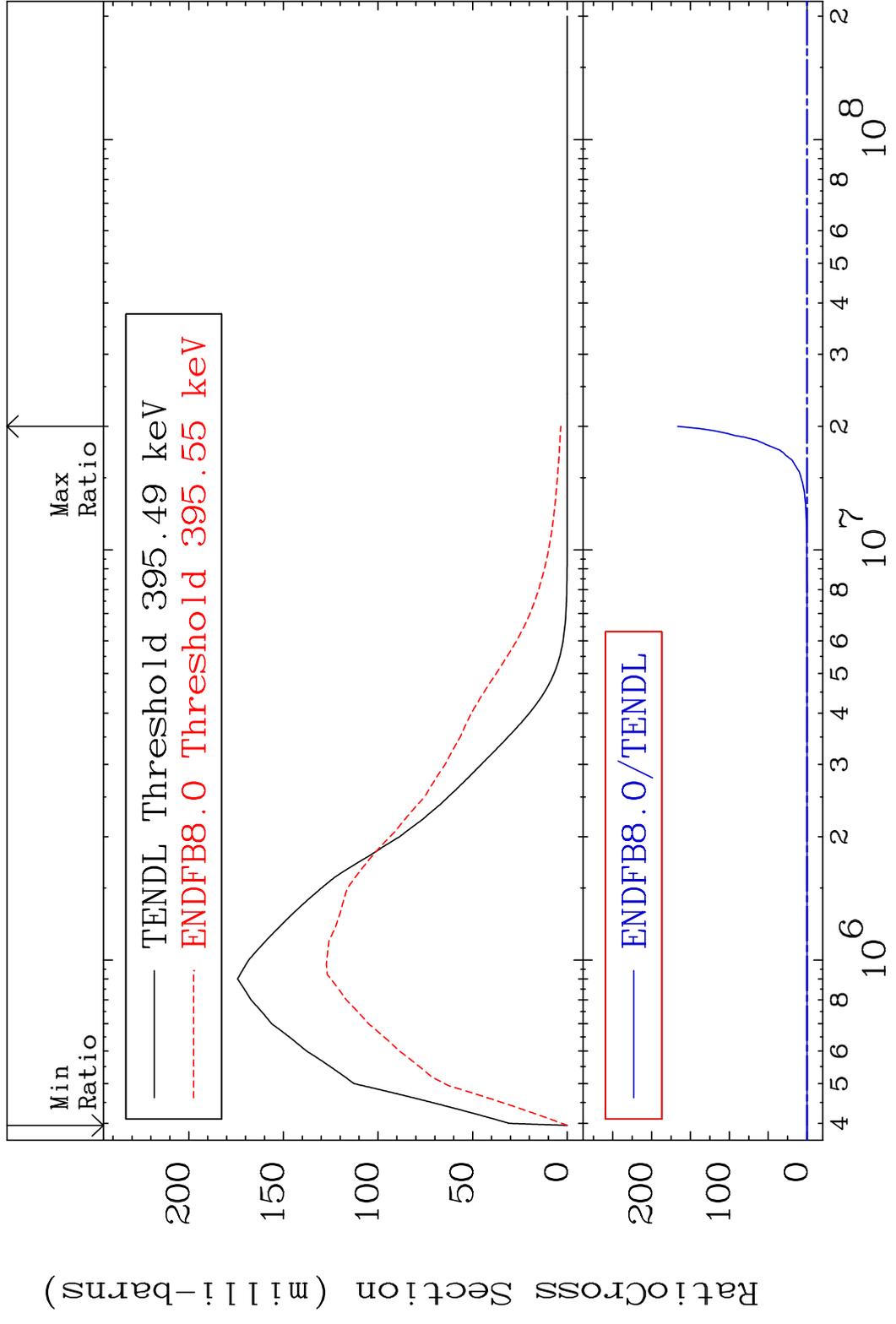


7

Incident Energy (eV)

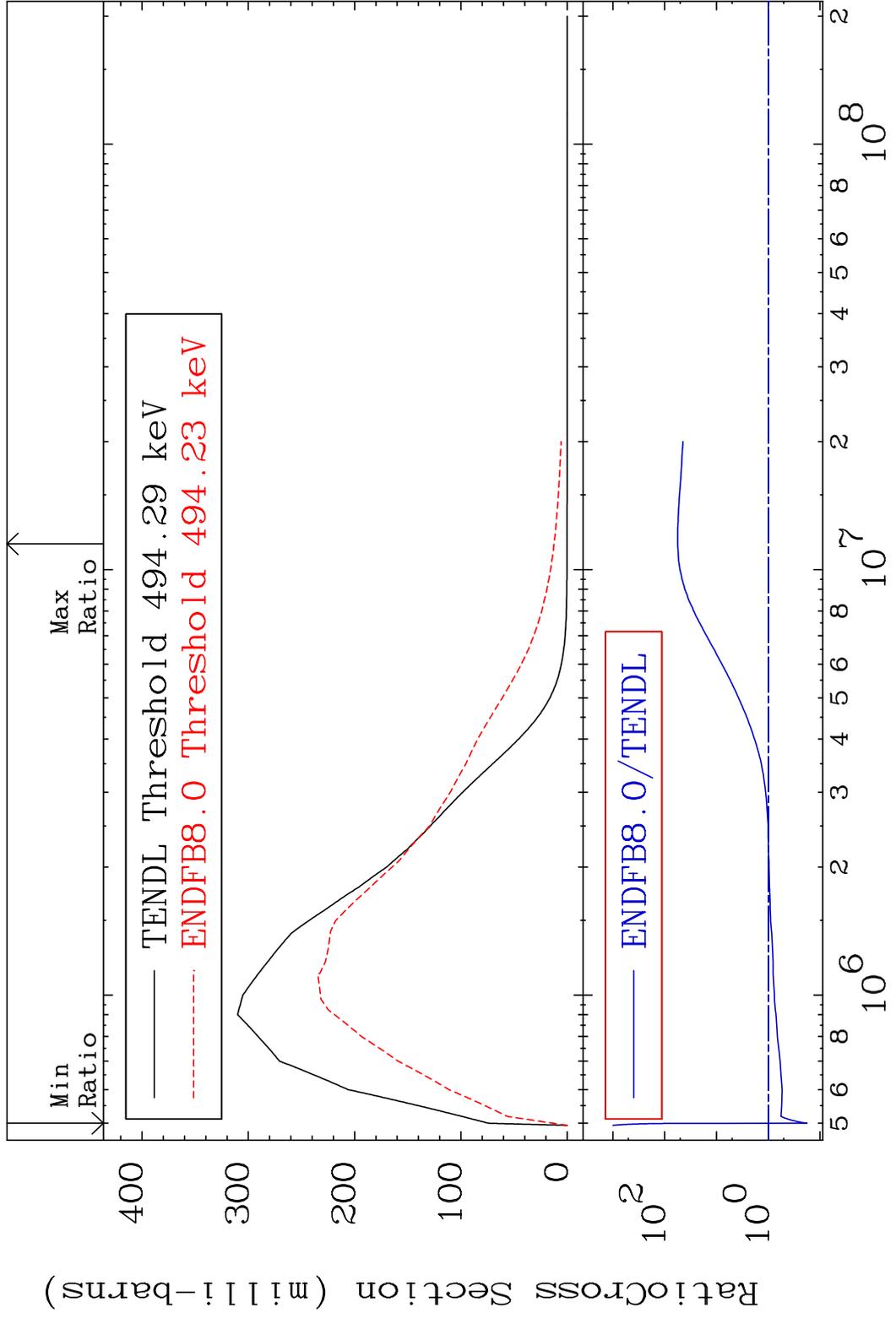
31-Ga-71

MAT 3131 MT= 51 (n, n') Level 31-Ga-71
 Cross Section -100.0 To 9999. %

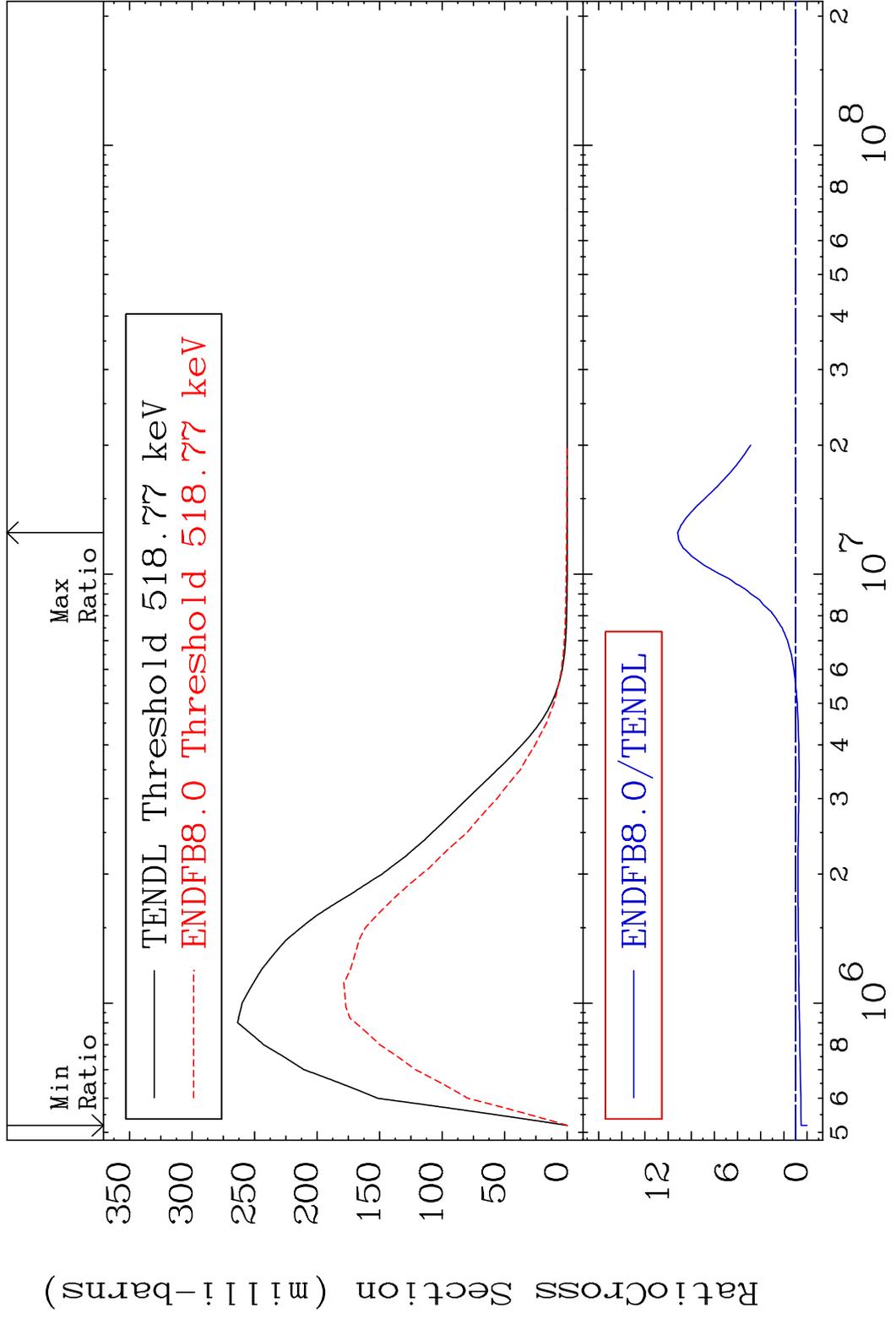


8 Incident Energy (eV) 31-Ga-71

MAT 3131 MT= 52 (n, n') Level 31-Ga-71
 Cross Section -82.16 To 5499. %

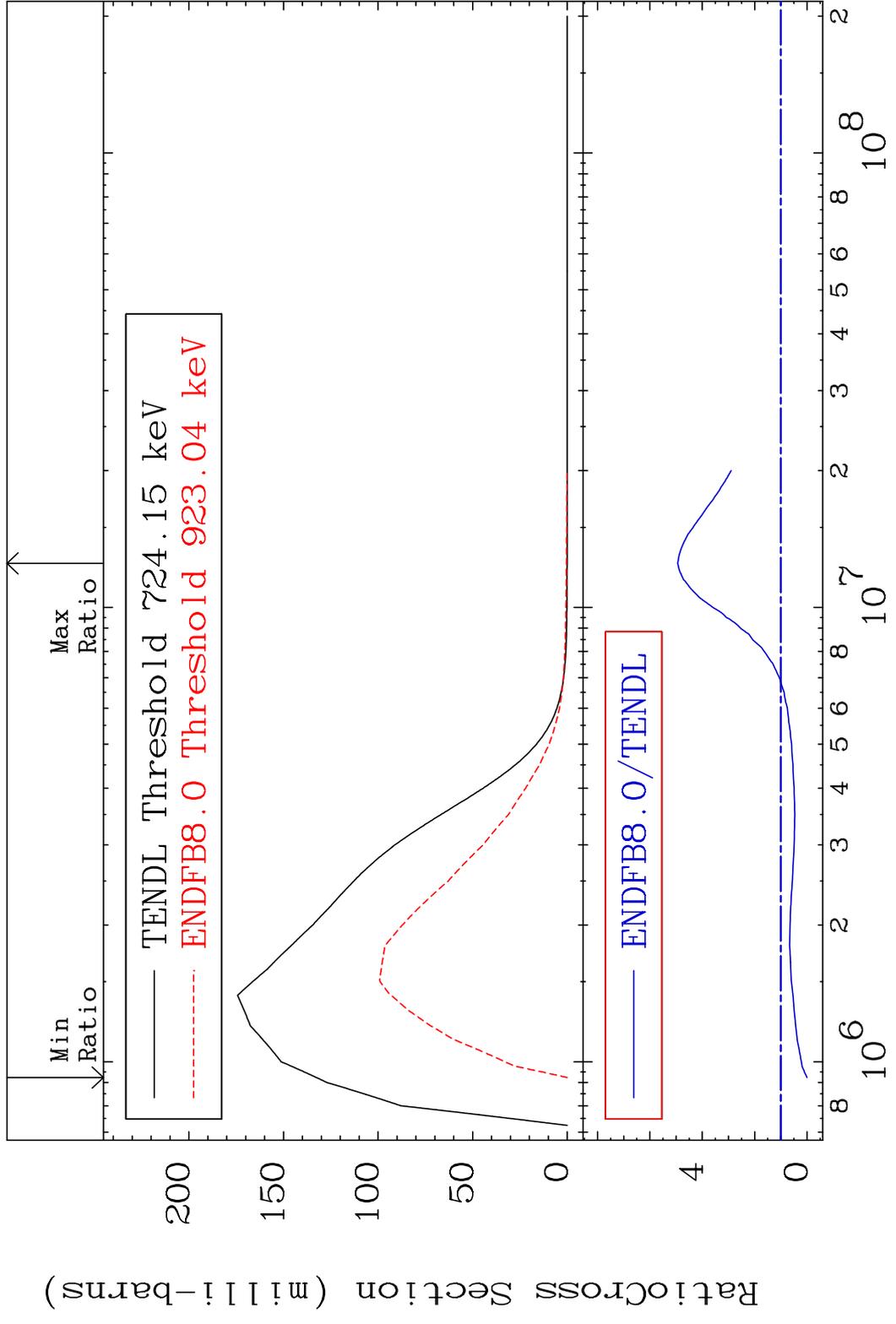


MAT 3131 MT= 53 (n, n') Level 31-Ga-71
 Cross Section -100.0 To 1017. %



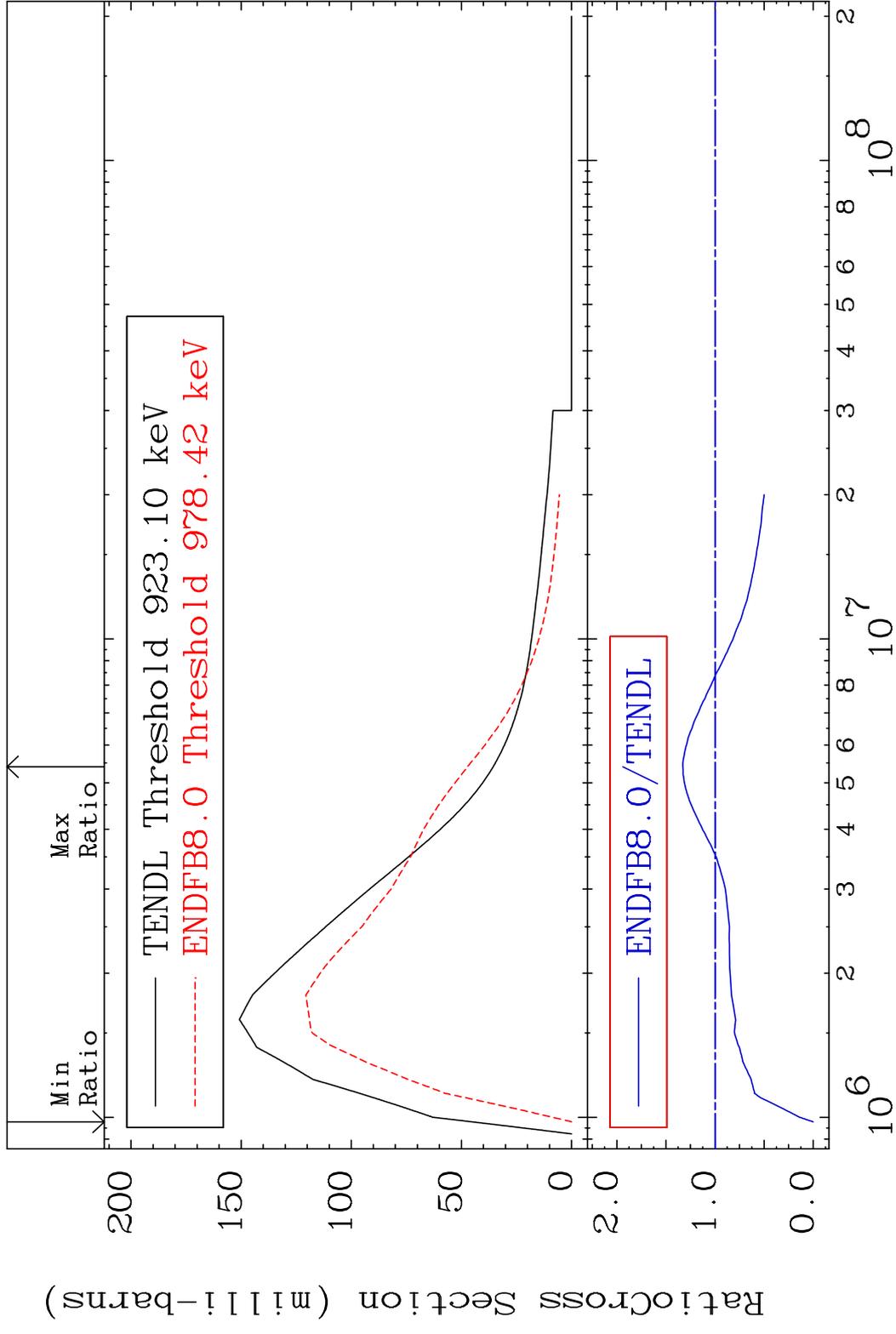
10 Incident Energy (eV) 31-Ga-71

MAT 3131 MT= 54 (n, n') Level 31-Ga-71
 Cross Section -100.0 To 393.9 %



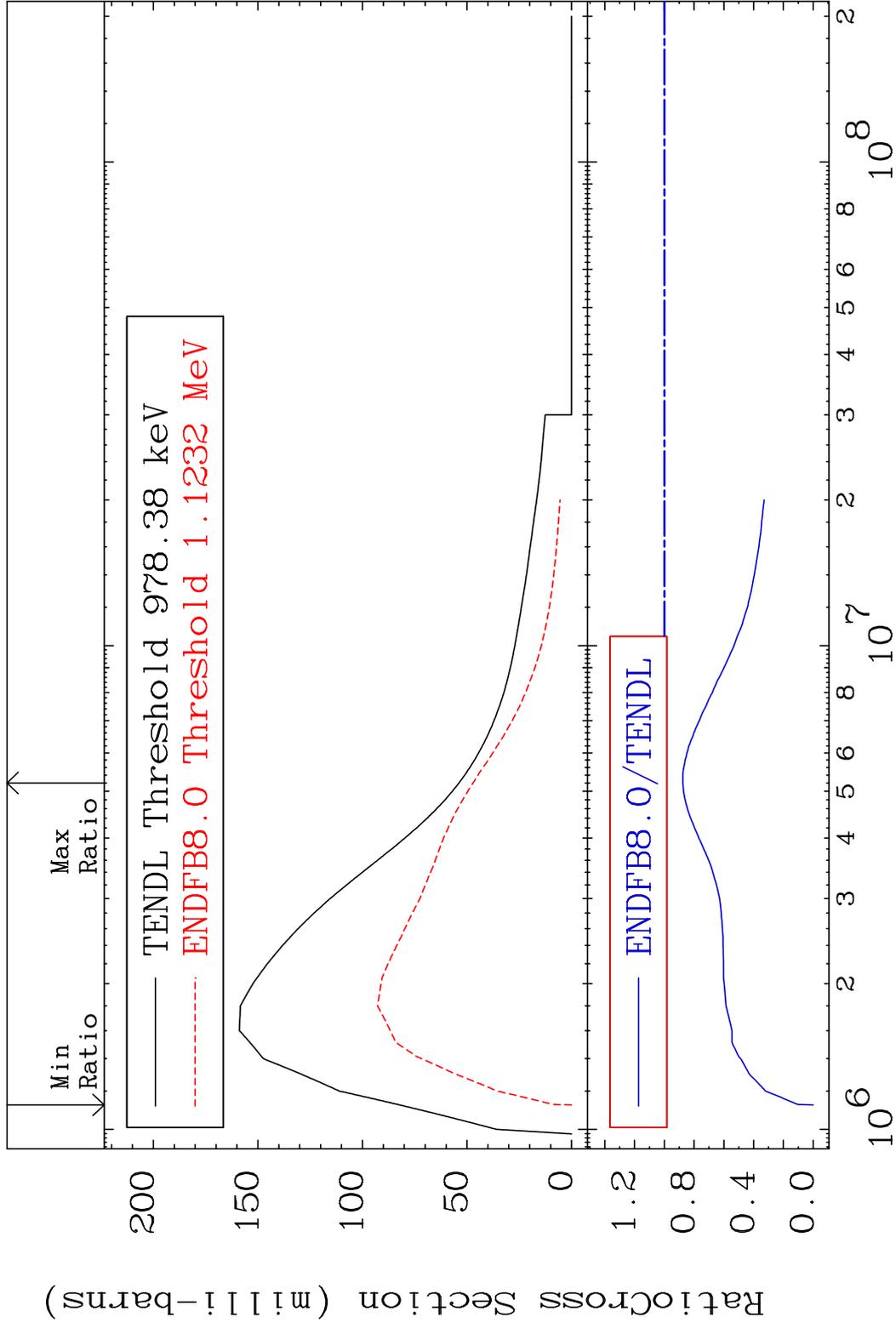
11 Incident Energy (eV) 31-Ga-71

MAT 3131 MT= 55 (n, n') Level 31-Ga-71
 Cross Section -100.0 To 32.75 %



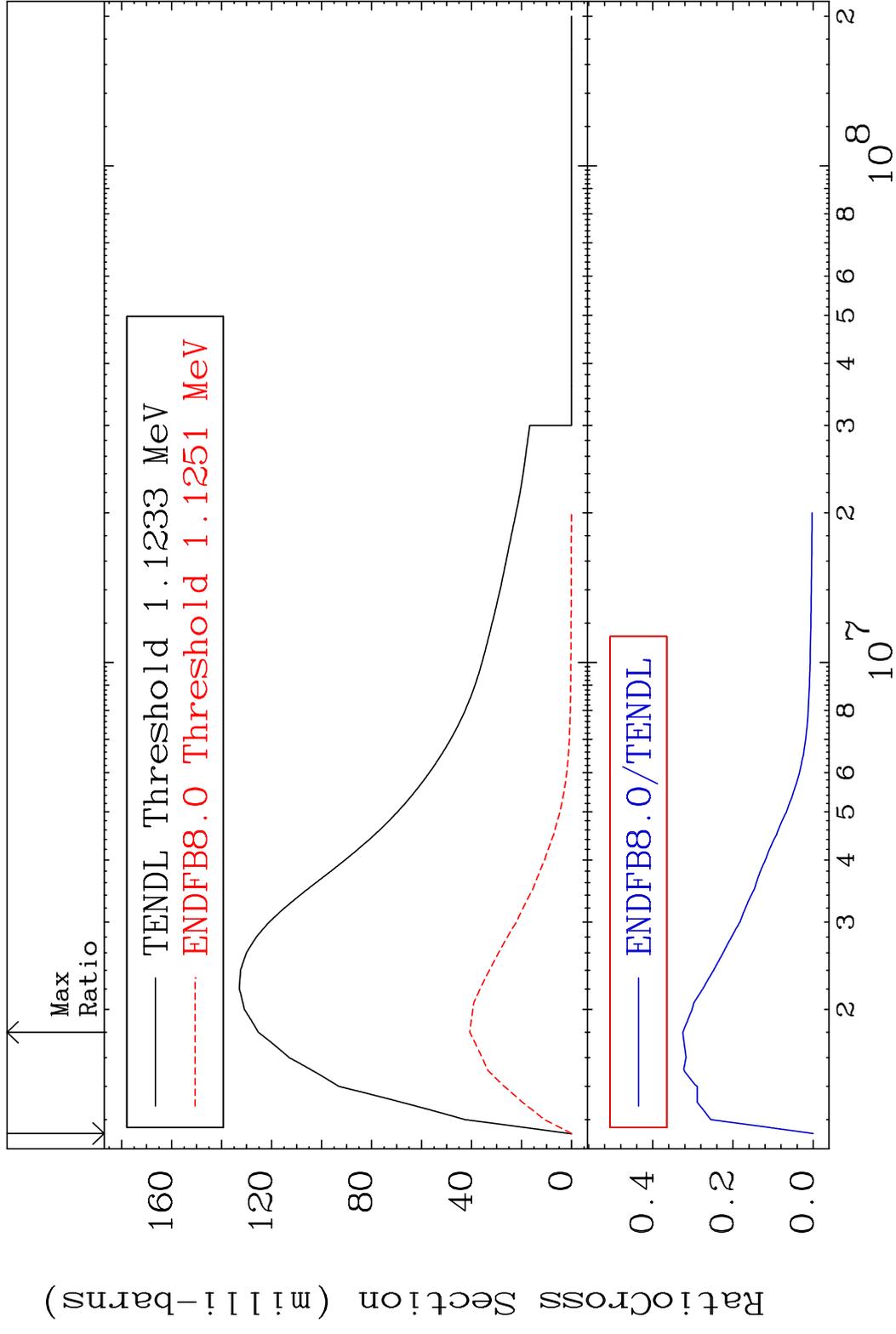
12 31-Ga-71

MAT 3131 MT= 56 (n,n') Level 31-Ga-71
 Cross Section -100.0 To -12.43%

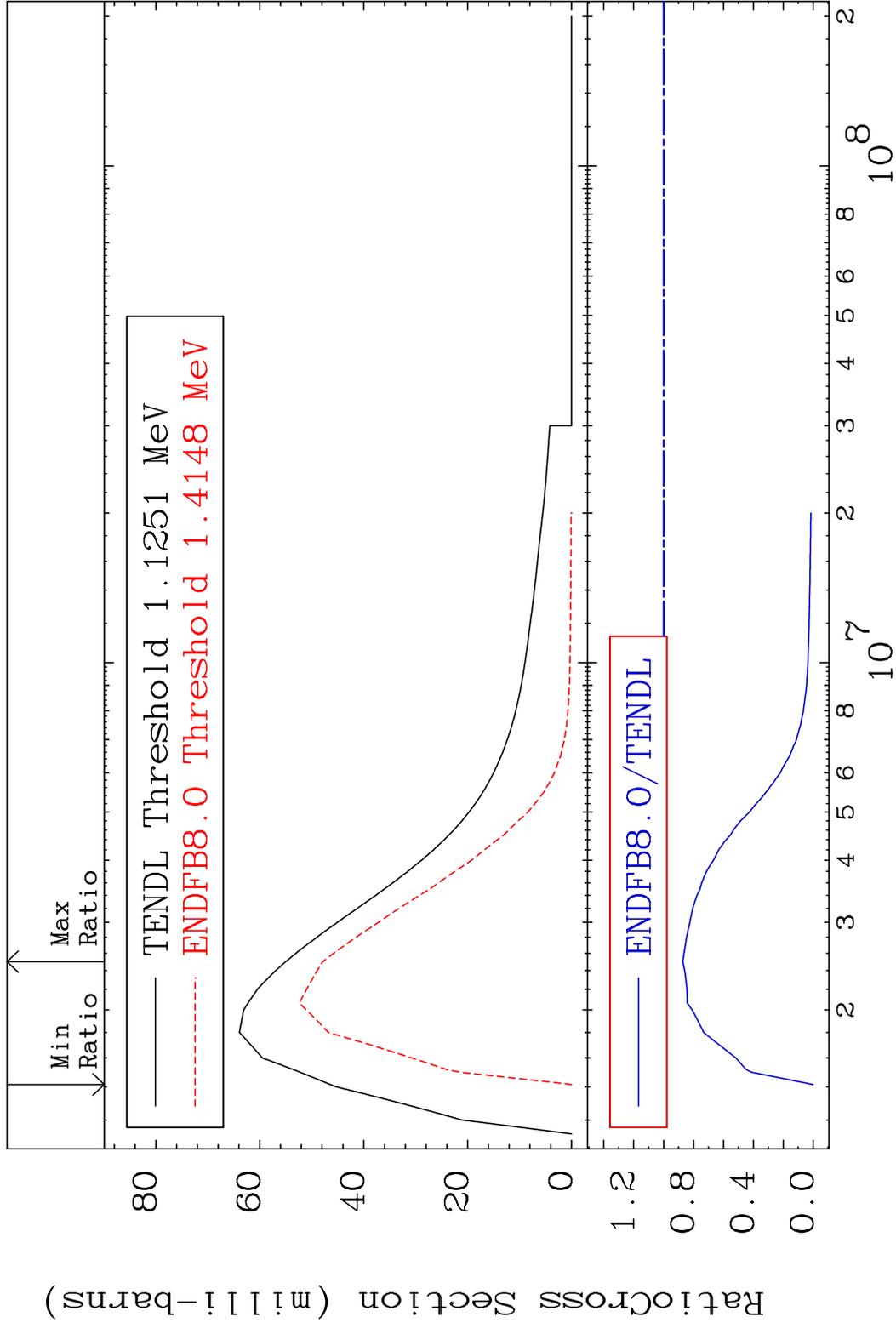


13 31-Ga-71

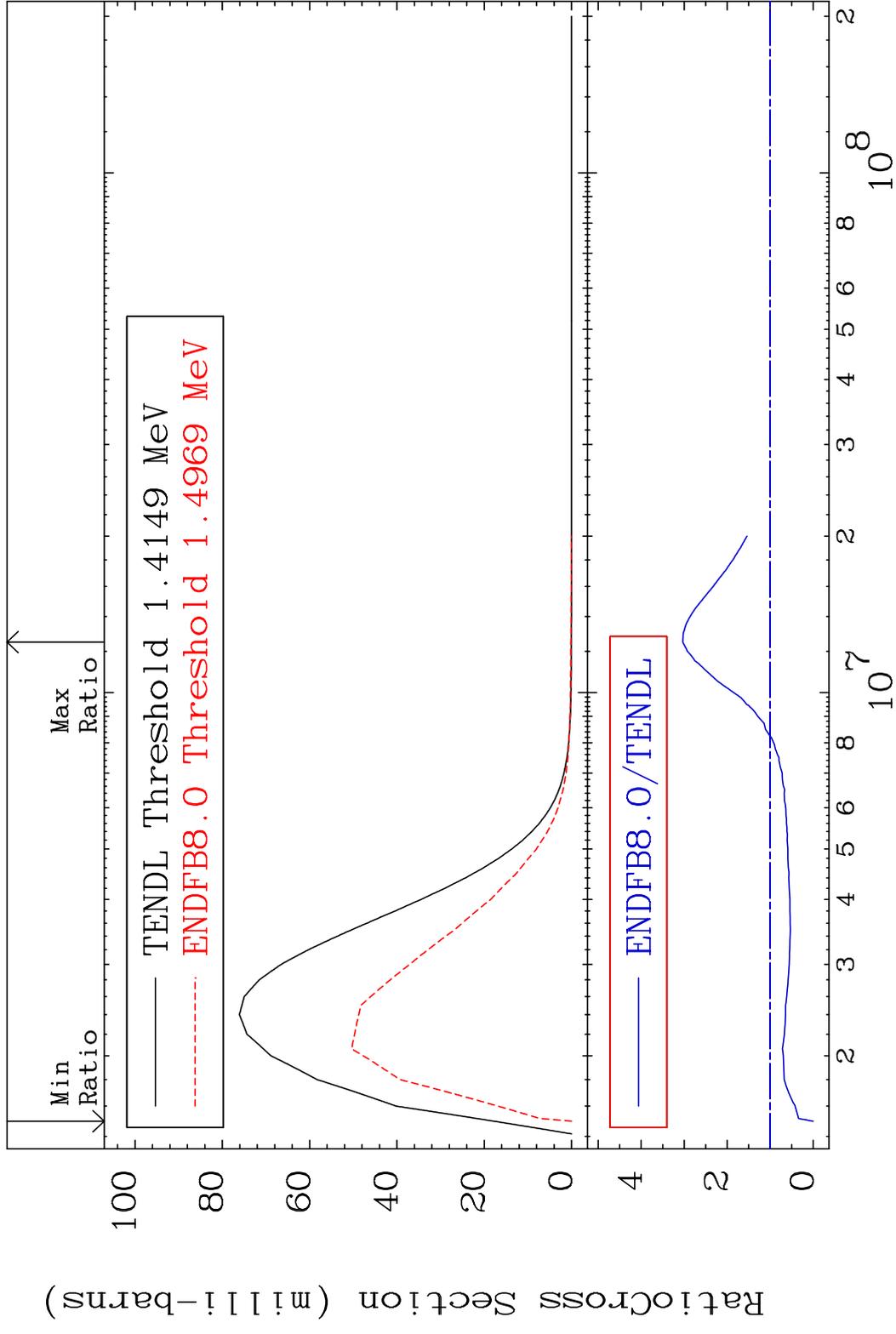
MAT 3131 MT= 57 (n,n') Level 31-Ga-71
 Cross Section -100.0 To -67.50%



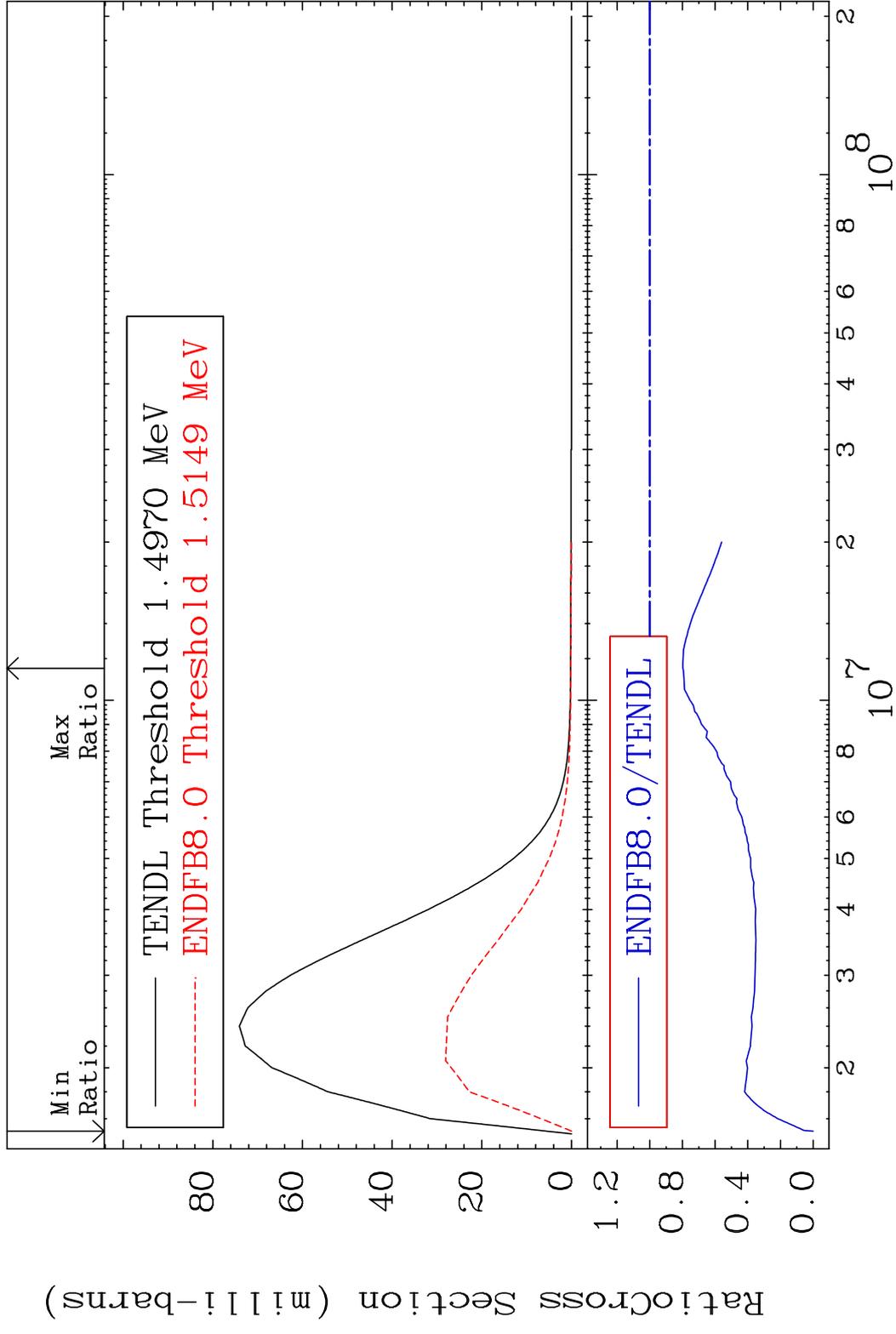
MAT 3131 MT= 58 (n,n') Level 31-Ga-71
 Cross Section -100.0 To -12.87%



MAT 3131 MT= 59 (n, n') Level 31-Ga-71
 Cross Section -100.0 To 203.1 %

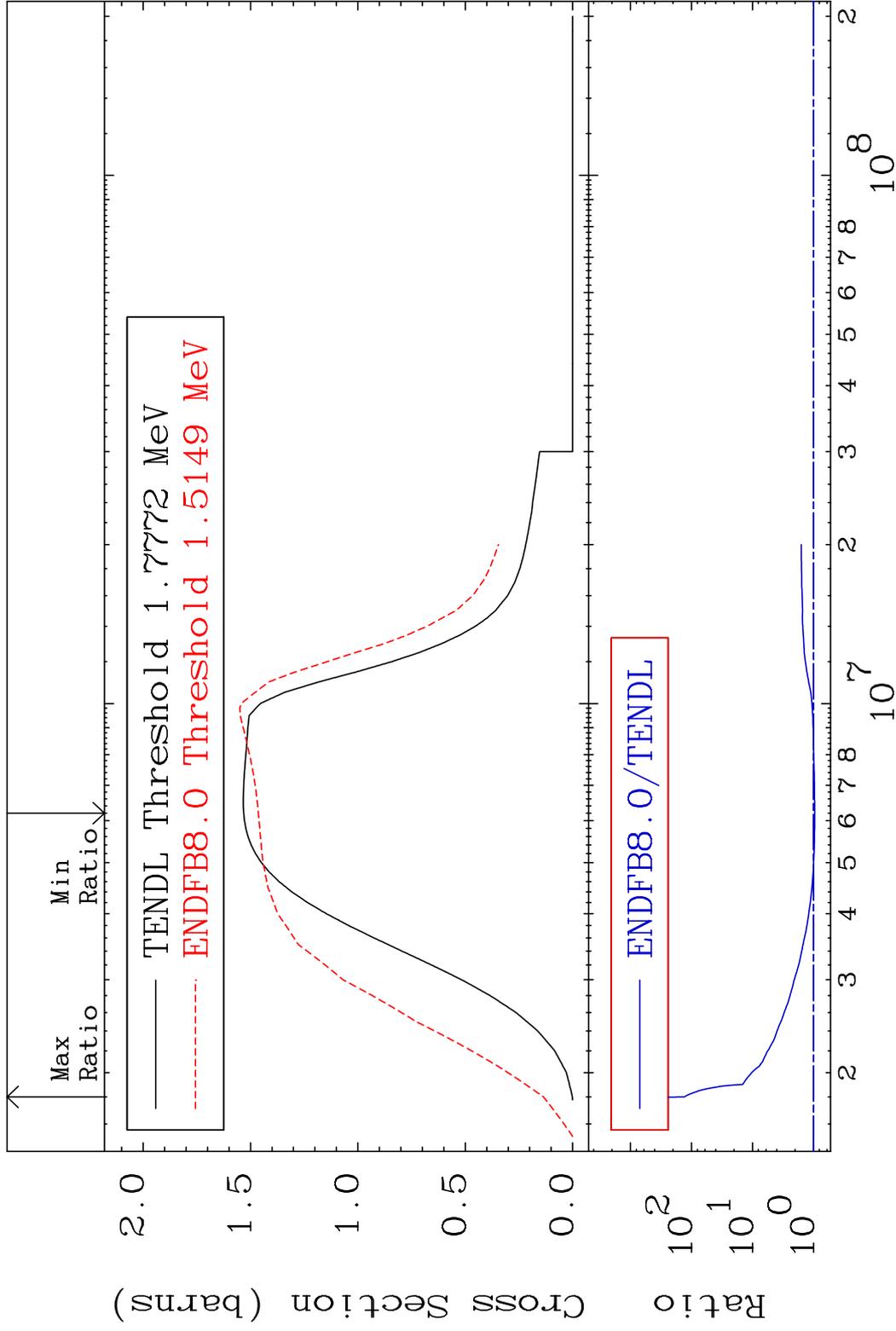


MAT 3131 MT= 60 (n, n') Level 31-Ga-71
 Cross Section -100.0 To -20.23%



MAT 3131

(n,n') Continuum 31-Ga-71
Cross Section -4.437 To 9999. %



18

Incident Energy (eV)

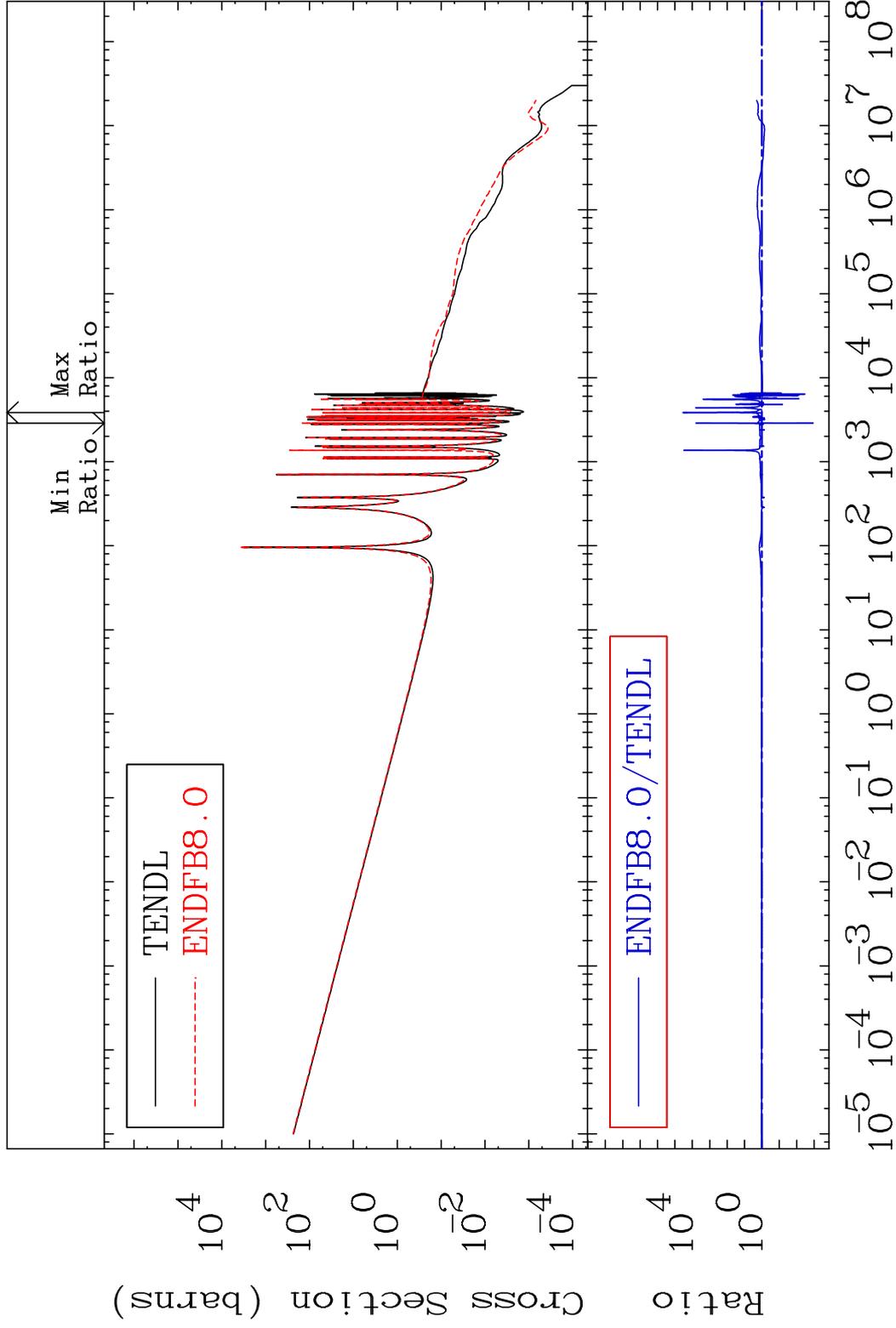
31-Ga-71

MAT 3131

(n, γ)

31-Ga-71

Cross Section -99.89 To 9999. %



19

Incident Energy (eV)

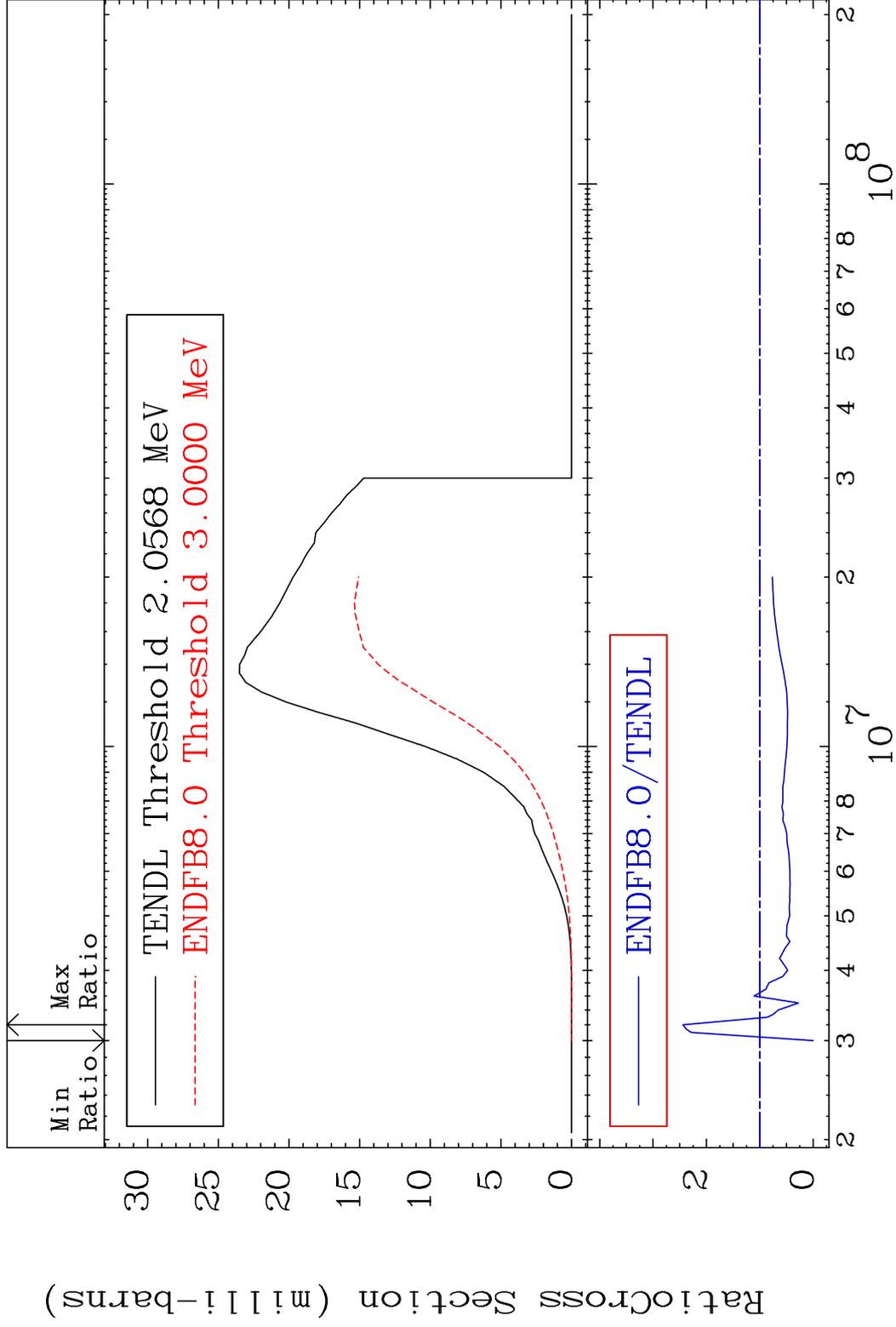
31-Ga-71

MAT 3131

(n,p)

31-Ga-71

Cross Section -100.0 To 144.2 %



20

Incident Energy (eV)

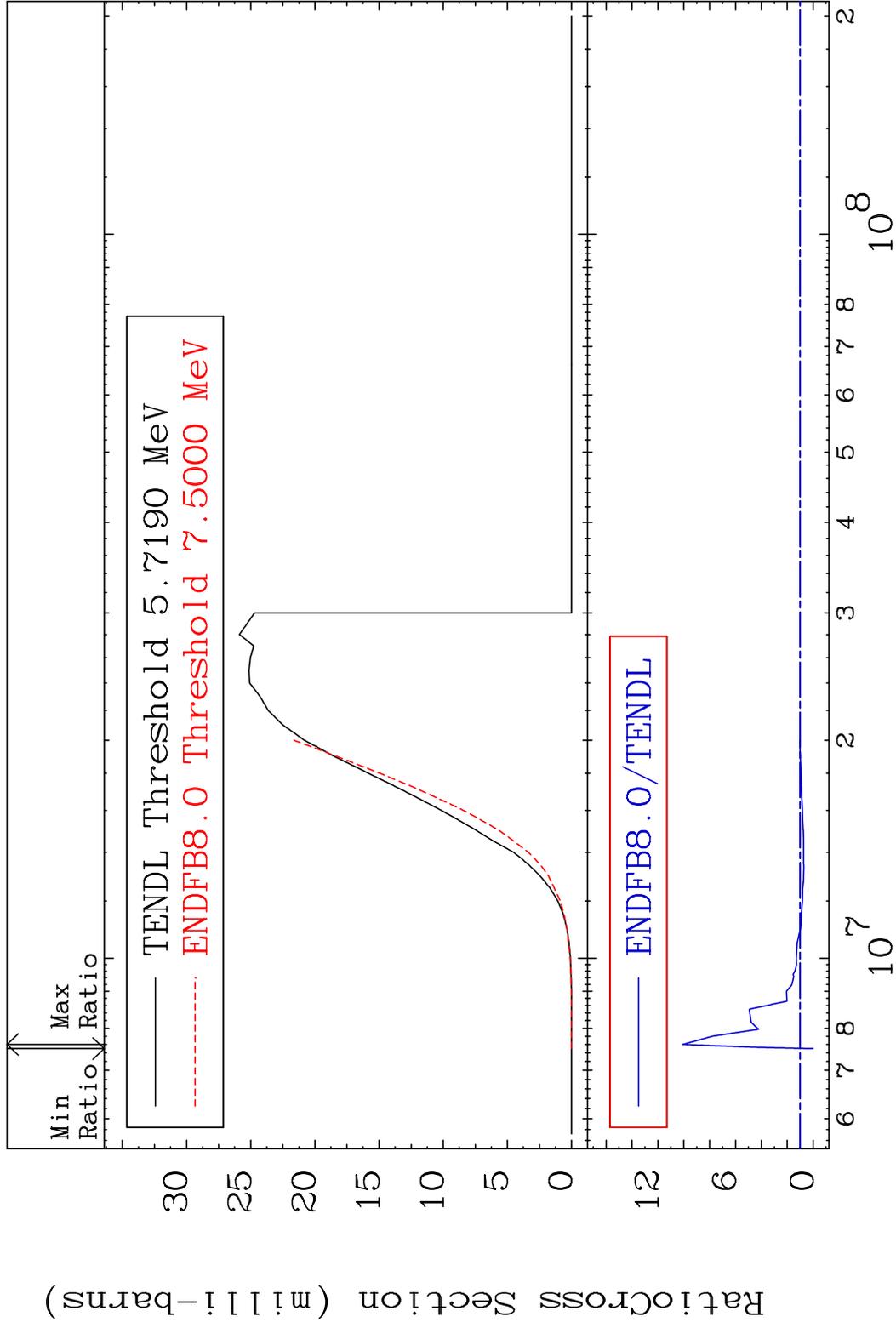
31-Ga-71

MAT 3131

(n,d)

31-Ga-71

Cross Section -100.0 To 907.1 %



21

Incident Energy (eV)

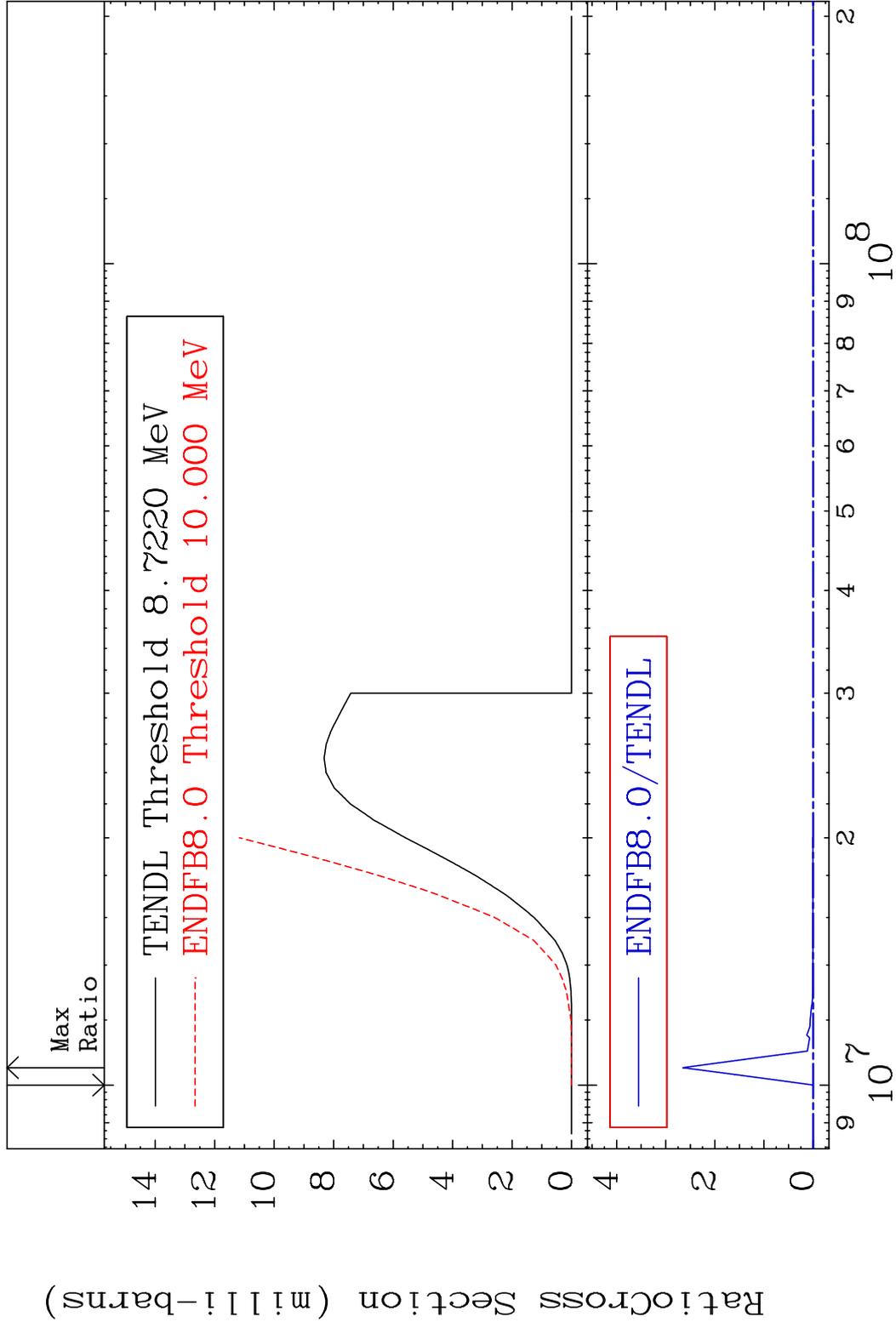
31-Ga-71

MAT 3131

(n, t)

31-Ga-71

Cross Section -100.0 To 9999. %



22

Incident Energy (eV)

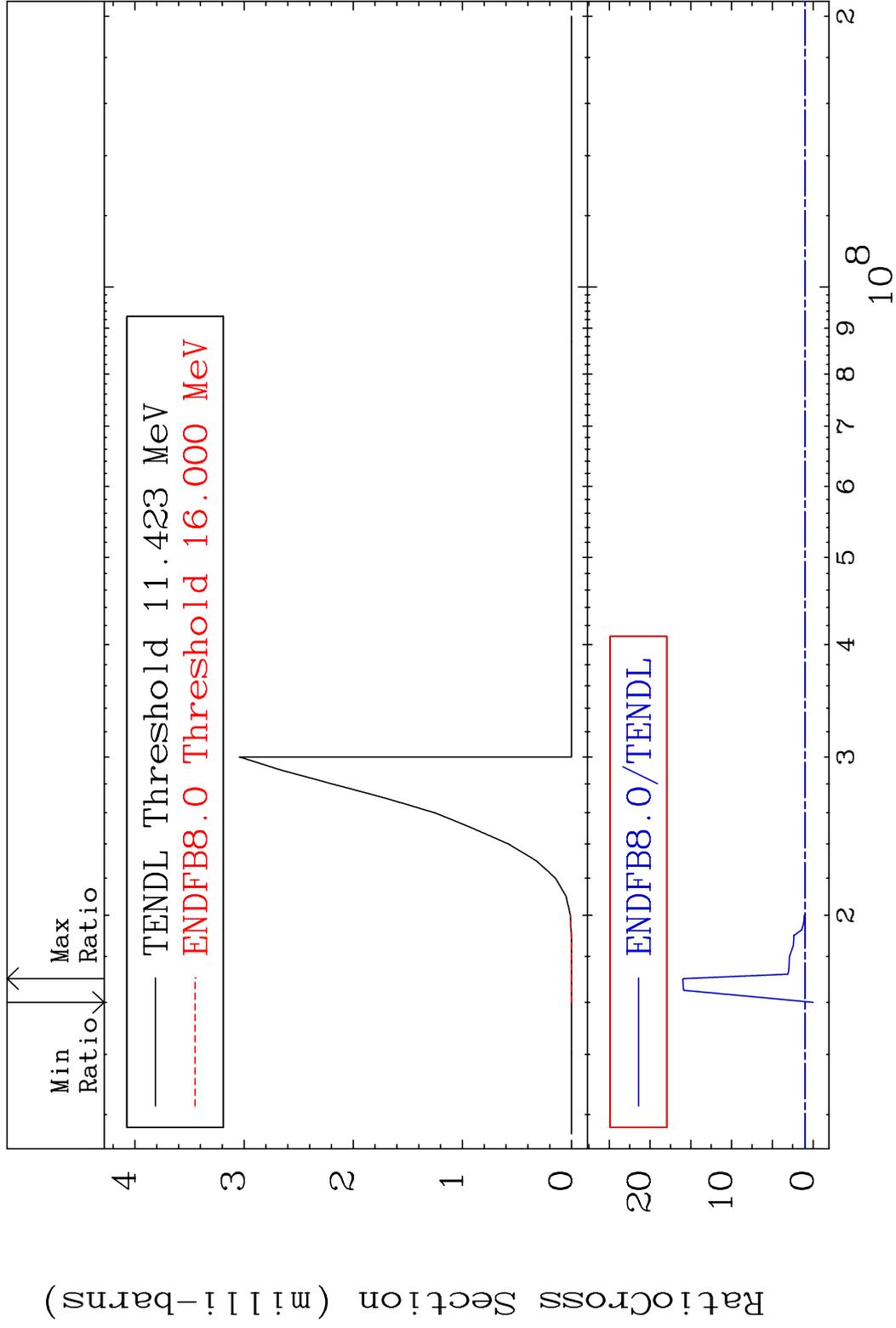
31-Ga-71

MAT 3131

(n, He-3)

31-Ga-71

Cross Section -100.0 To 1498. %

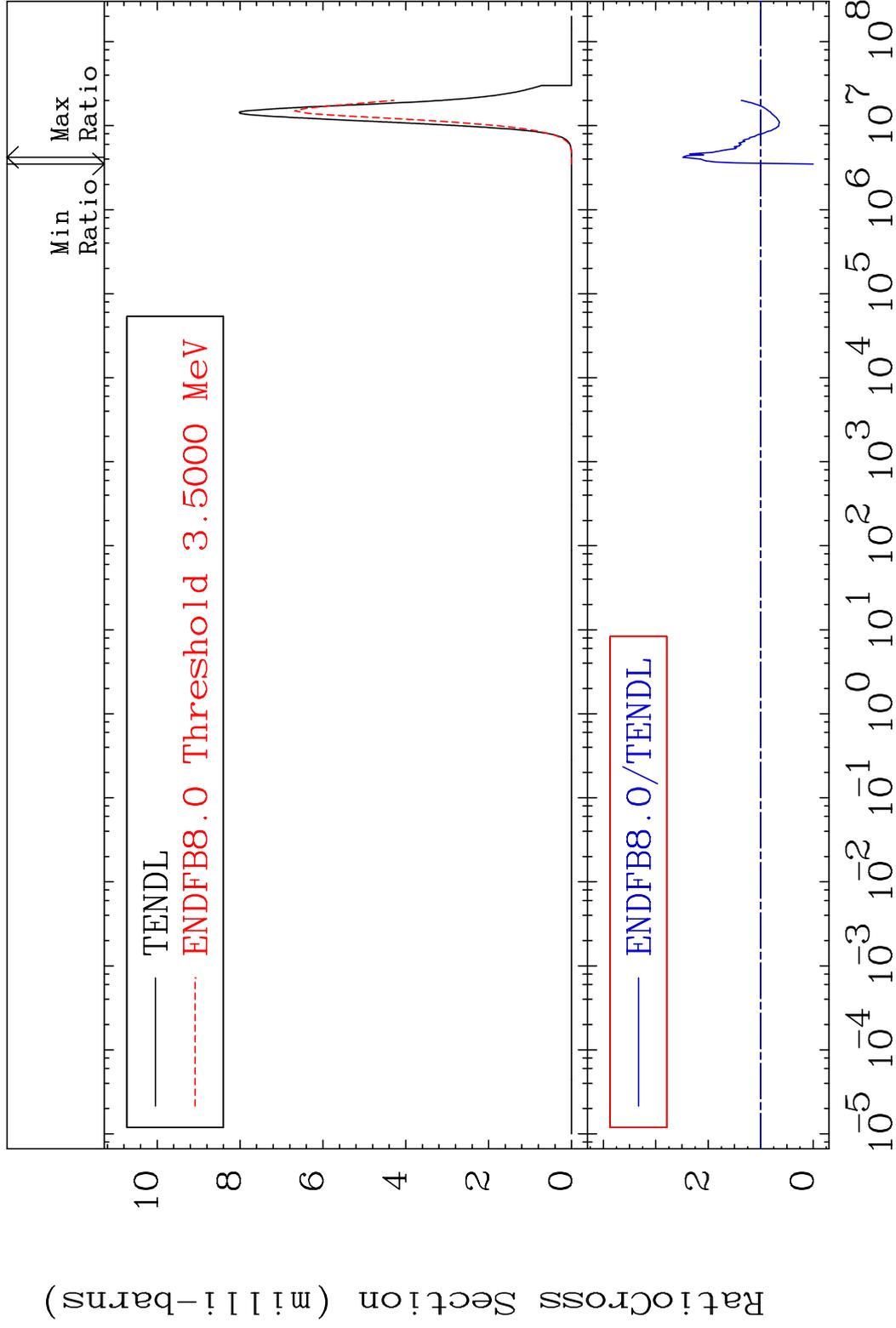


MAT 3131

(n, α)

31-Ga-71

Cross Section -100.0 To 148.4 %



24

Incident Energy (eV)

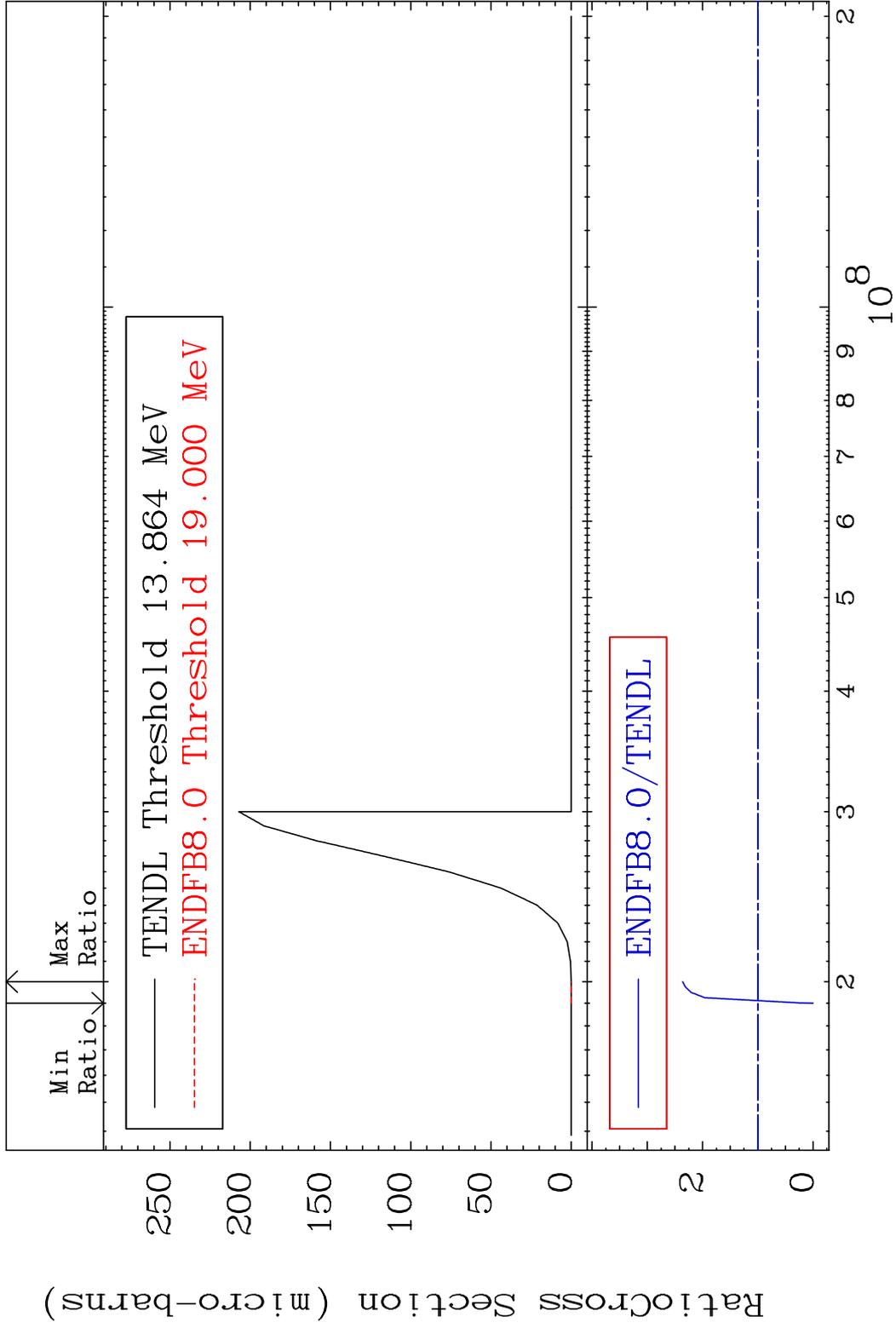
31-Ga-71

MAT 3131

(n,2p)

31-Ga-71

Cross Section -100.0 To 136.1 %



25

Incident Energy (eV)

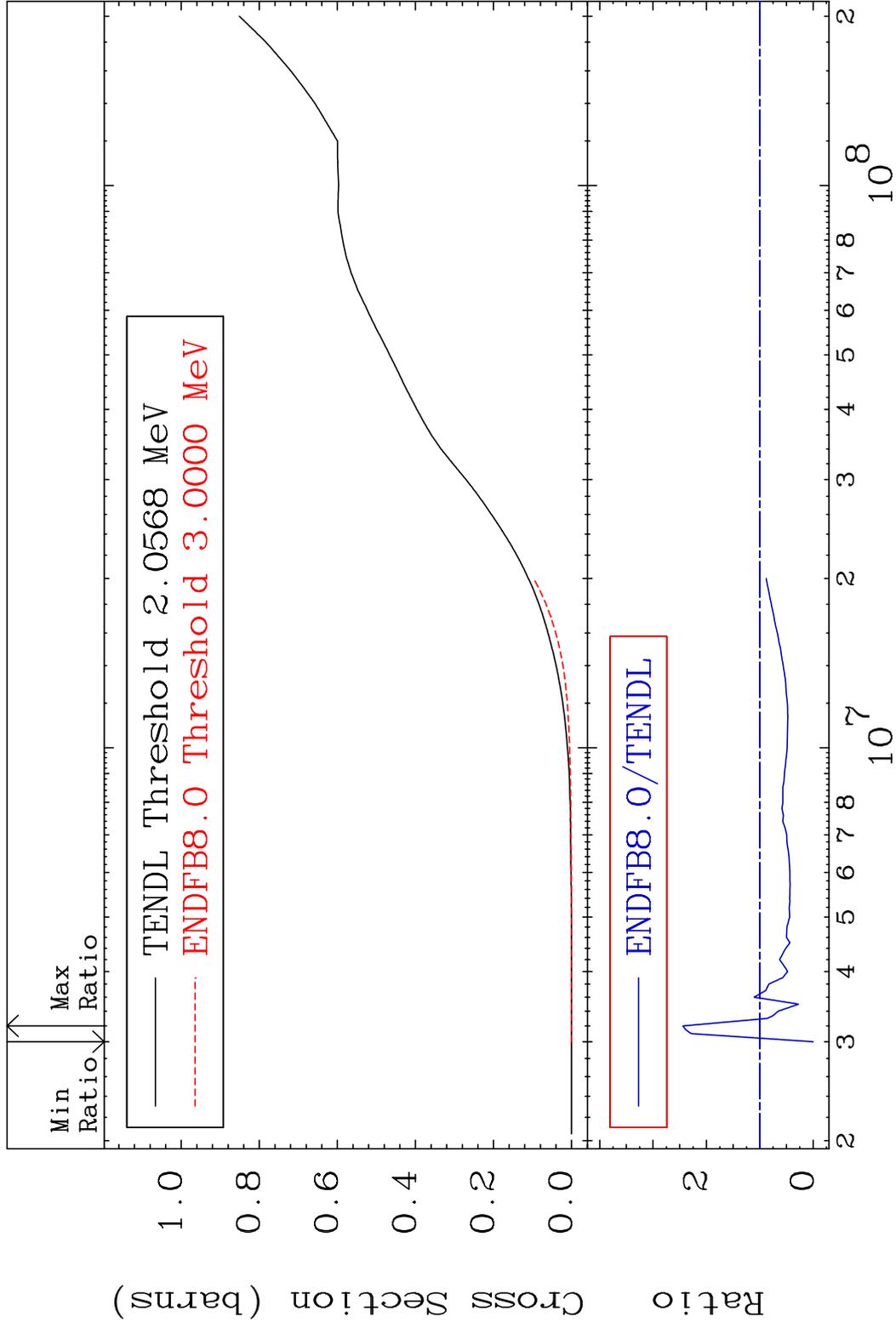
31-Ga-71

MAT 3131

Hydrogen Production

31-Ga-71

Cross Section -100.0 To 144.2 %

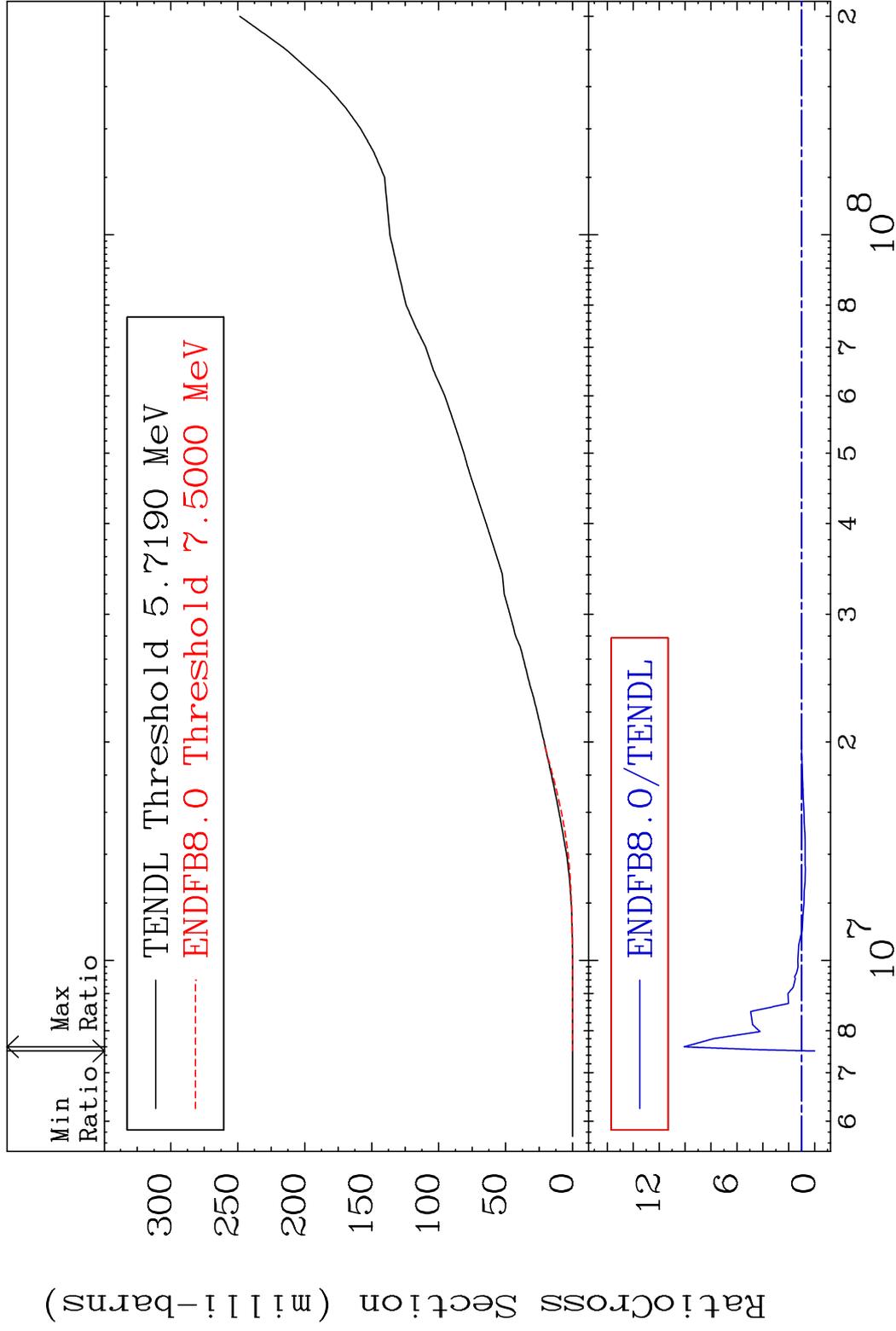


MAT 3131

Deuterium Production

31-Ga-71

Cross Section -100.0 To 907.1 %

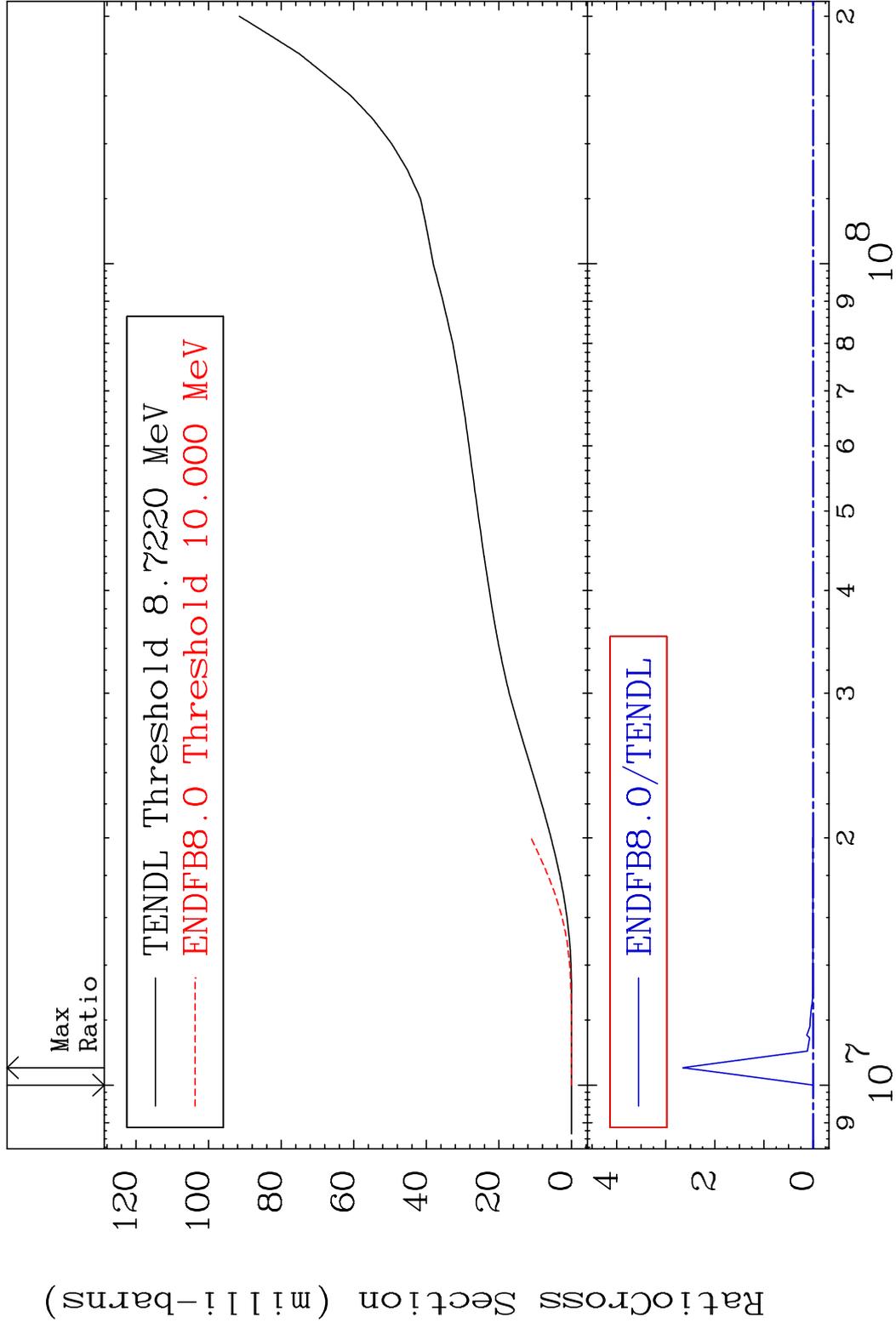


27

Incident Energy (eV)

31-Ga-71

MAT 3131 Tritium Production 31-Ga-71
 Cross Section -100.0 To 9999. %



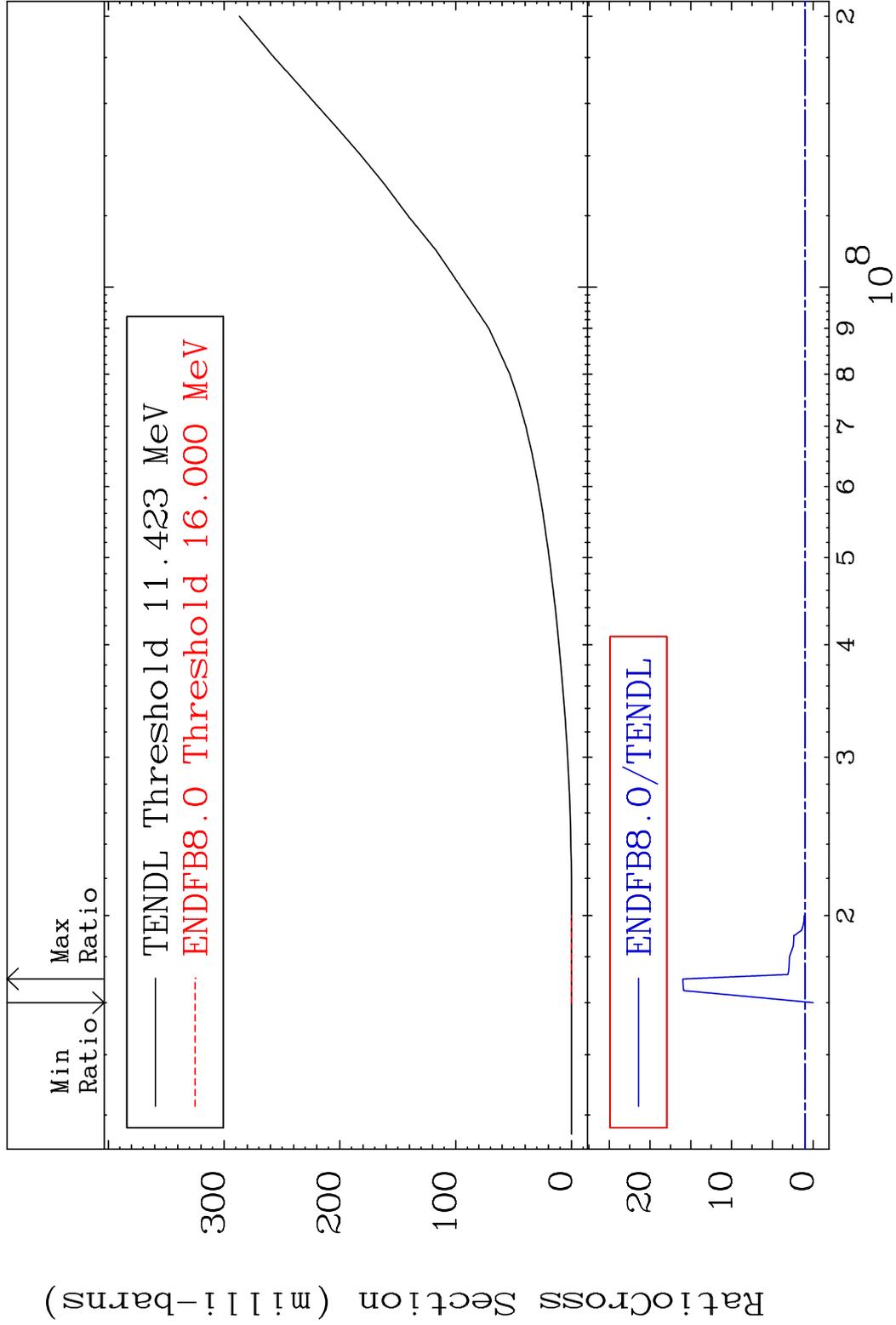
28 31-Ga-71

MAT 3131

He-3 Production

31-Ga-71

Cross Section -100.0 To 1498. %

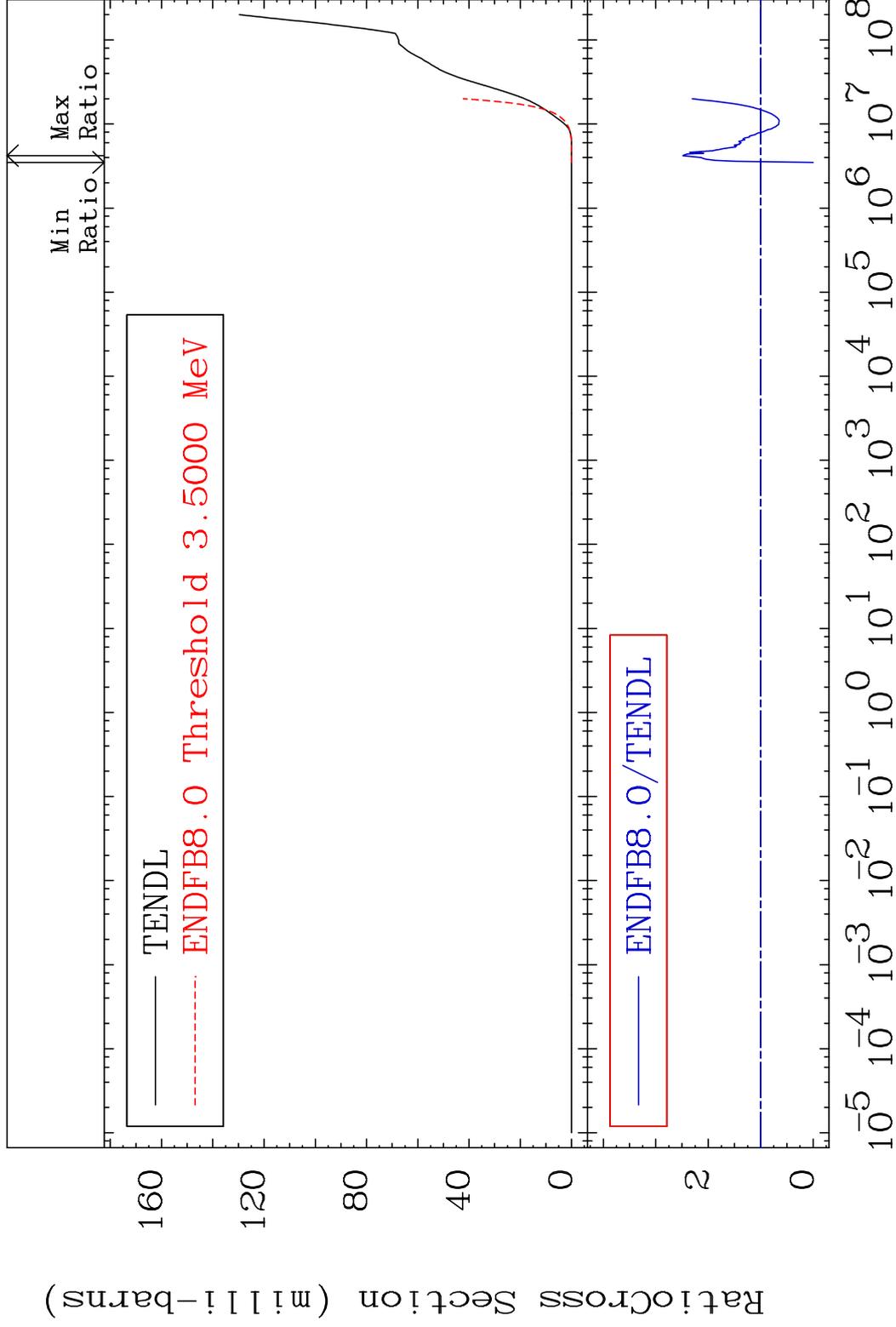


MAT 3131

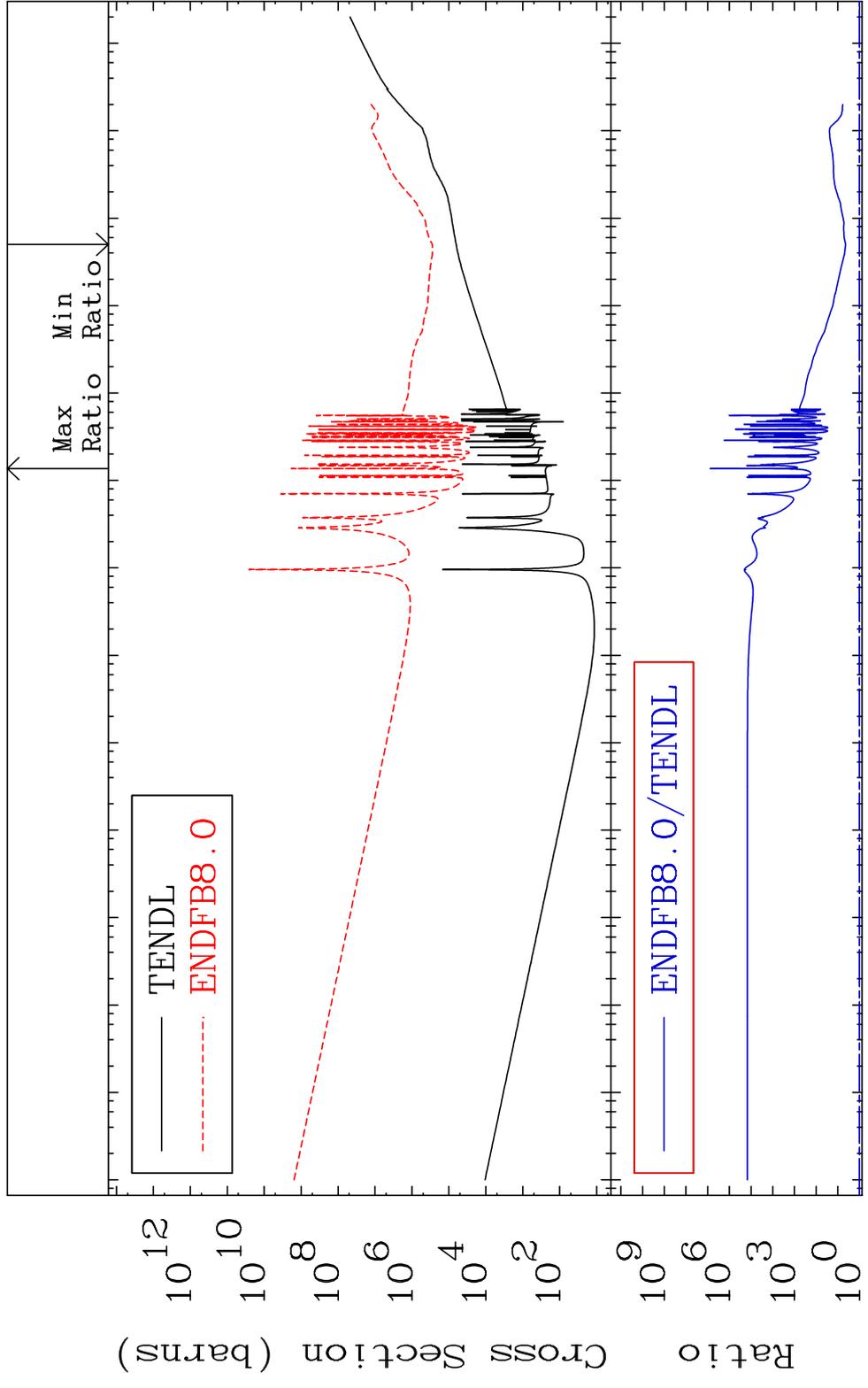
He-4 Production

31-Ga-71

Cross Section -100.0 To 148.4 %



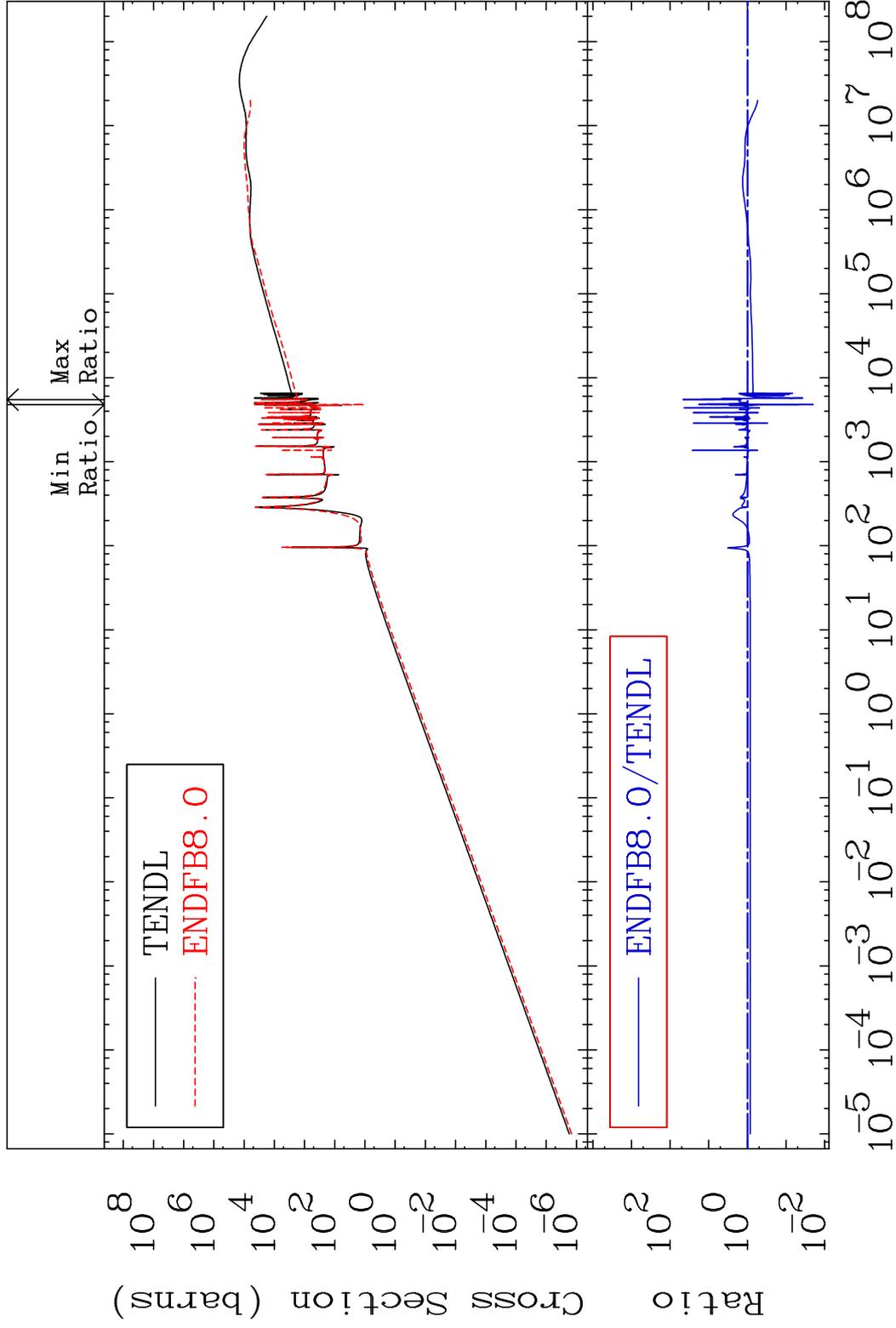
MAT 3131 Kerma total (eV-barns) 31-Ga-71
 Cross Section 340.2 To 9999. %



MAT 3131

Kerma elastic
Cross Section -98.02 To 4586. %

31-Ga-71

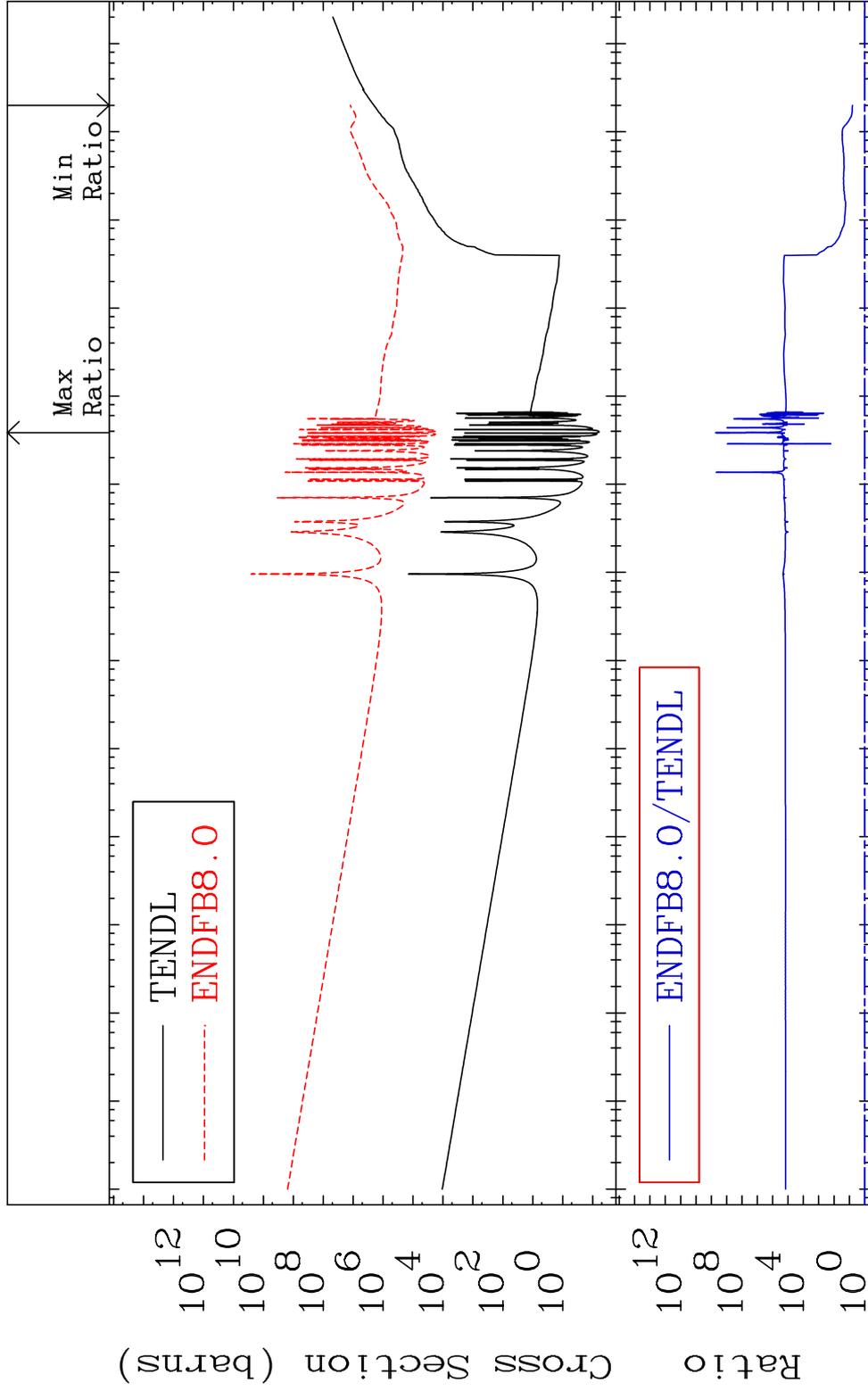


32

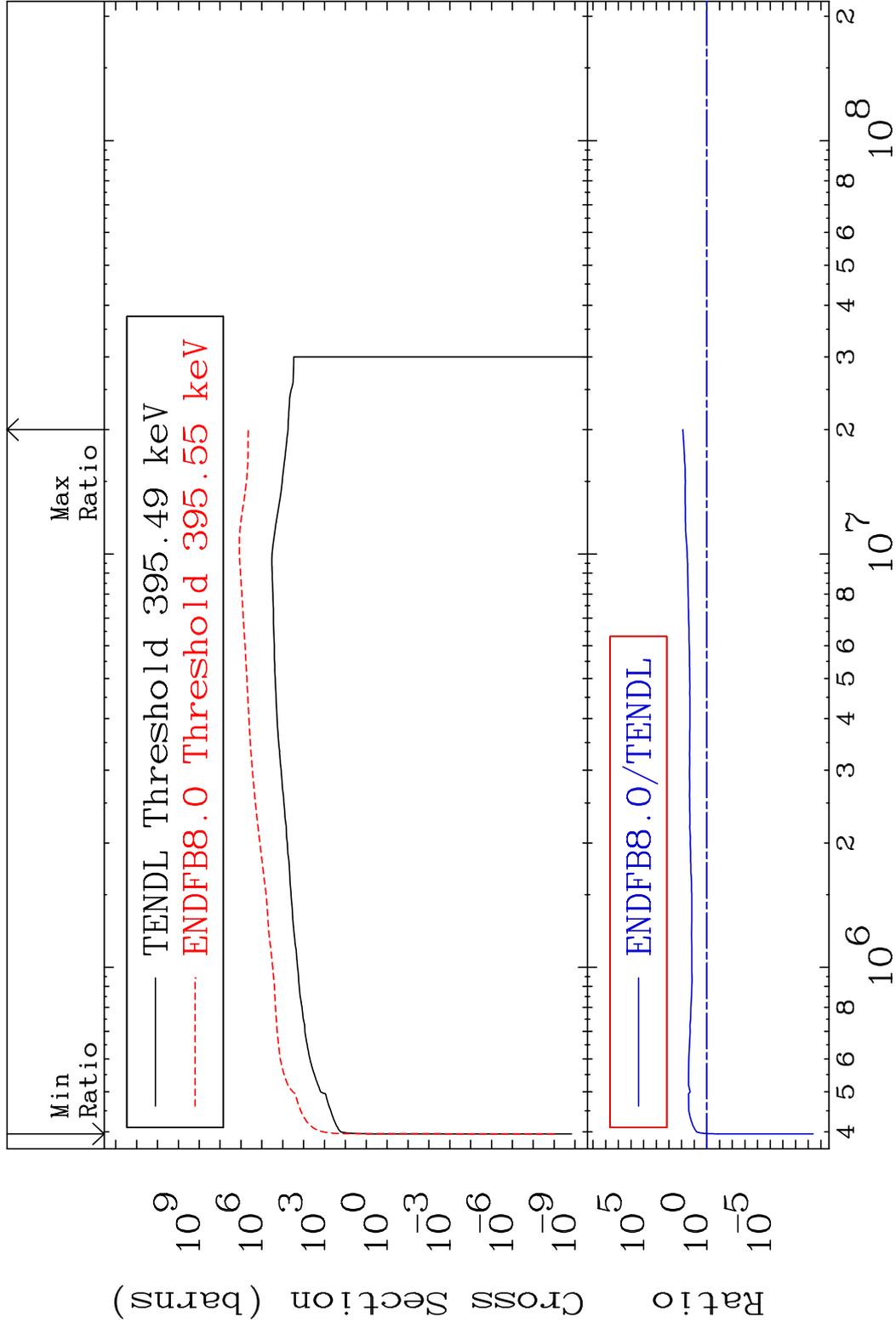
Incident Energy (eV)

31-Ga-71

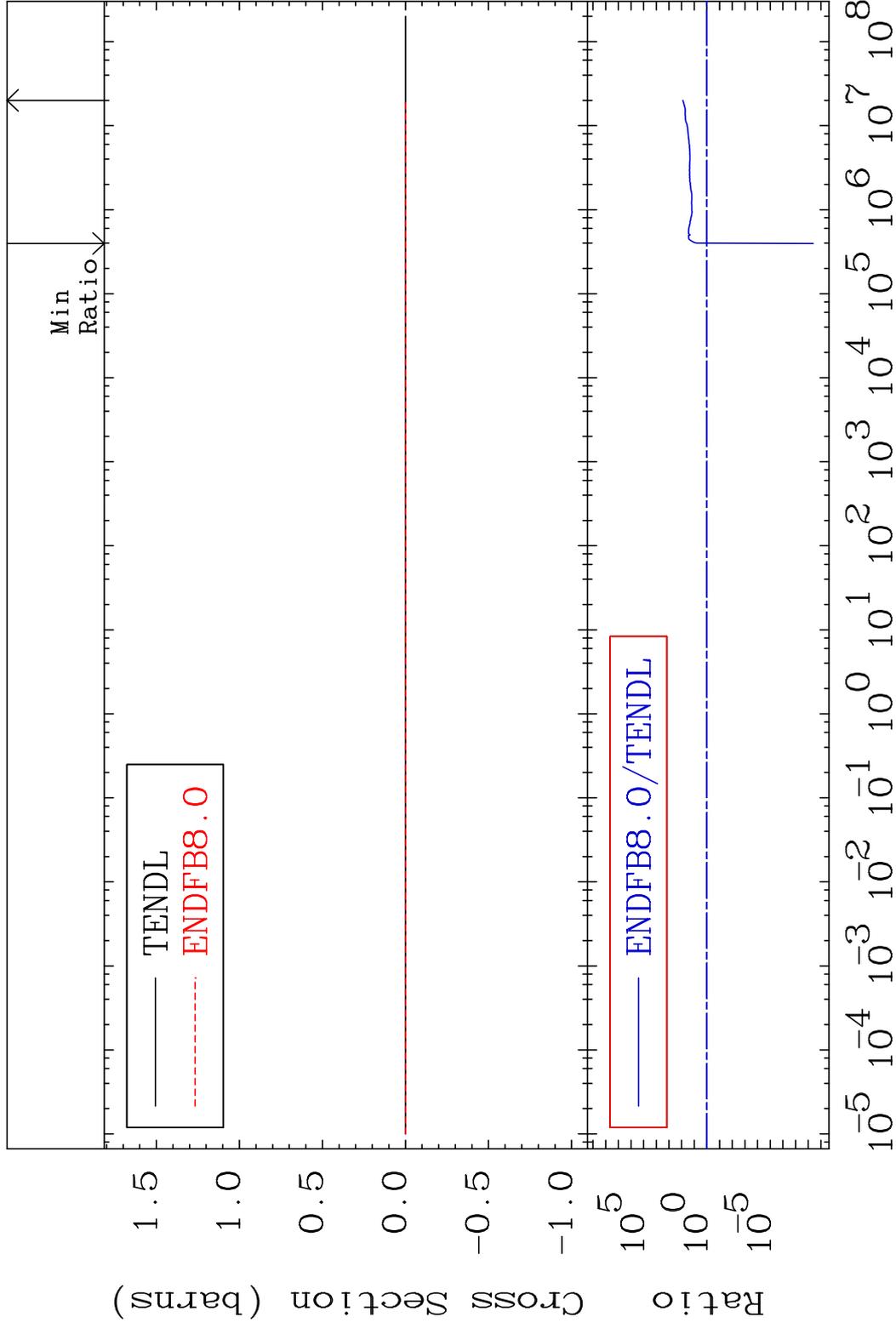
MAT 3131 Kerma non-elastic (all but mt2) 31-Ga-71
 Cross Section 524.5 To 9999. %

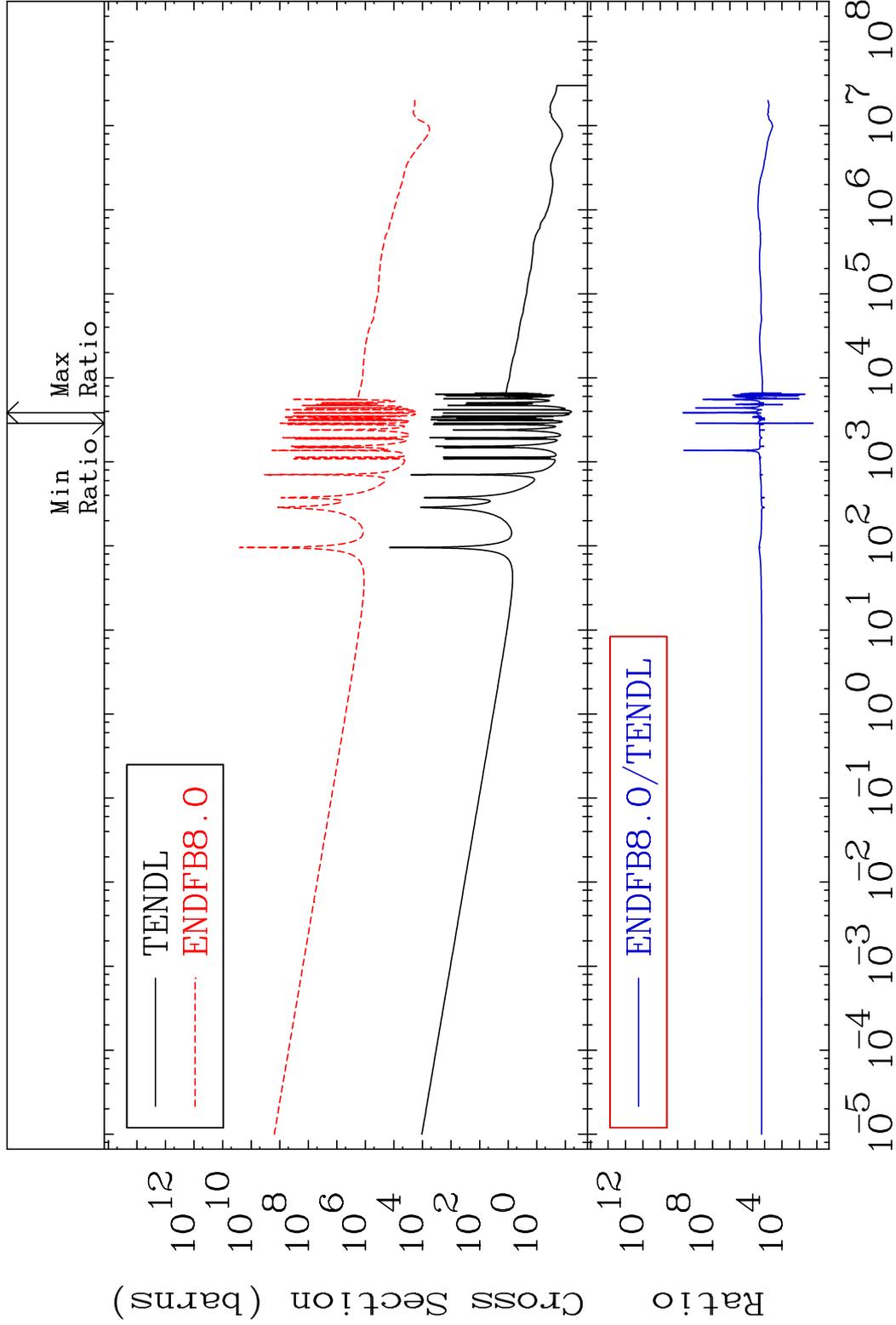


MAT 3131 Kerma inelastic (mt51-91) 31-Ga-71
 Cross Section -100.0 To 7900. %

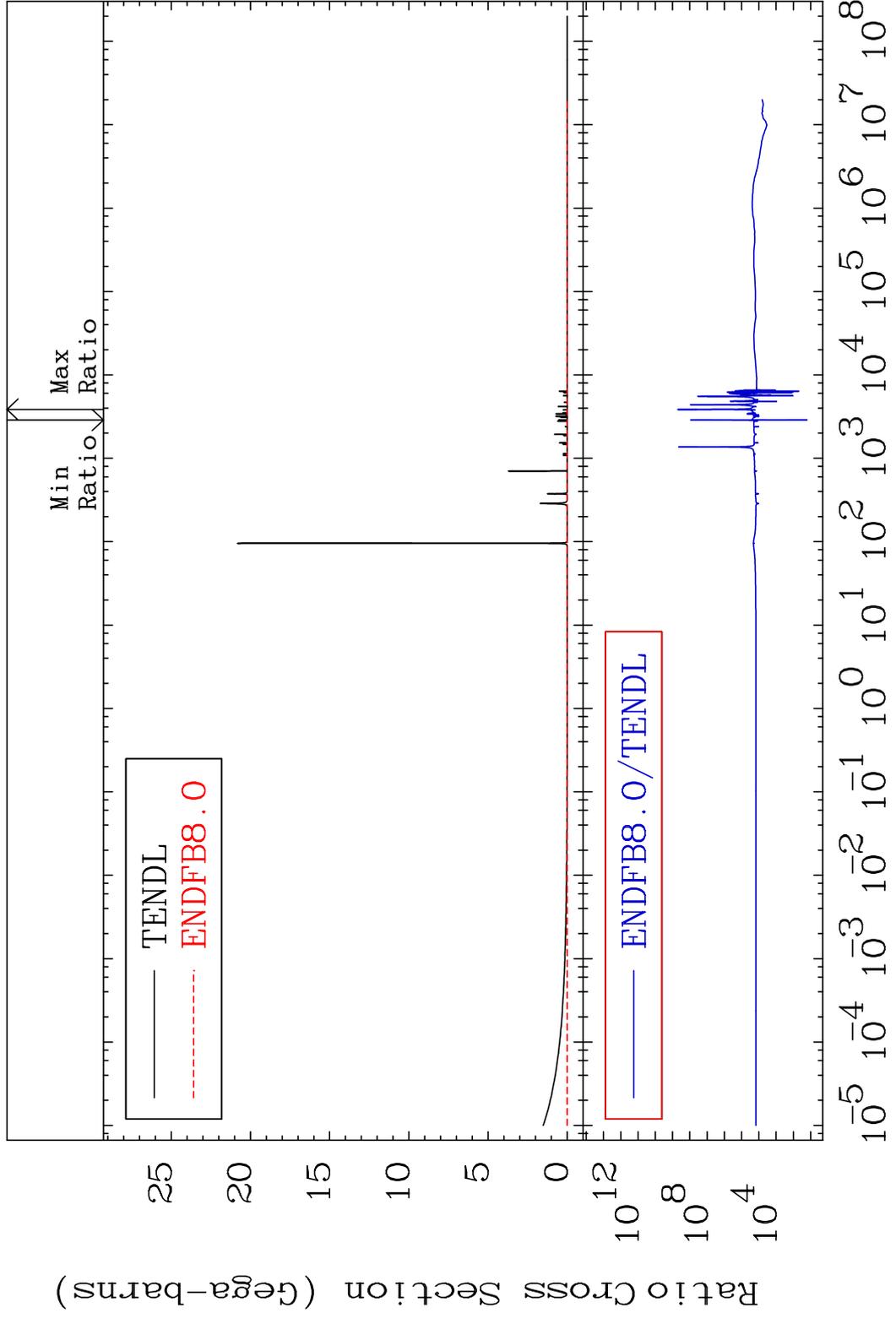


MAT 3131 Kerma fission (mt18 or mt19-20-21-38) 31-Ga-71
 Cross Section -100.0 To 7900. %

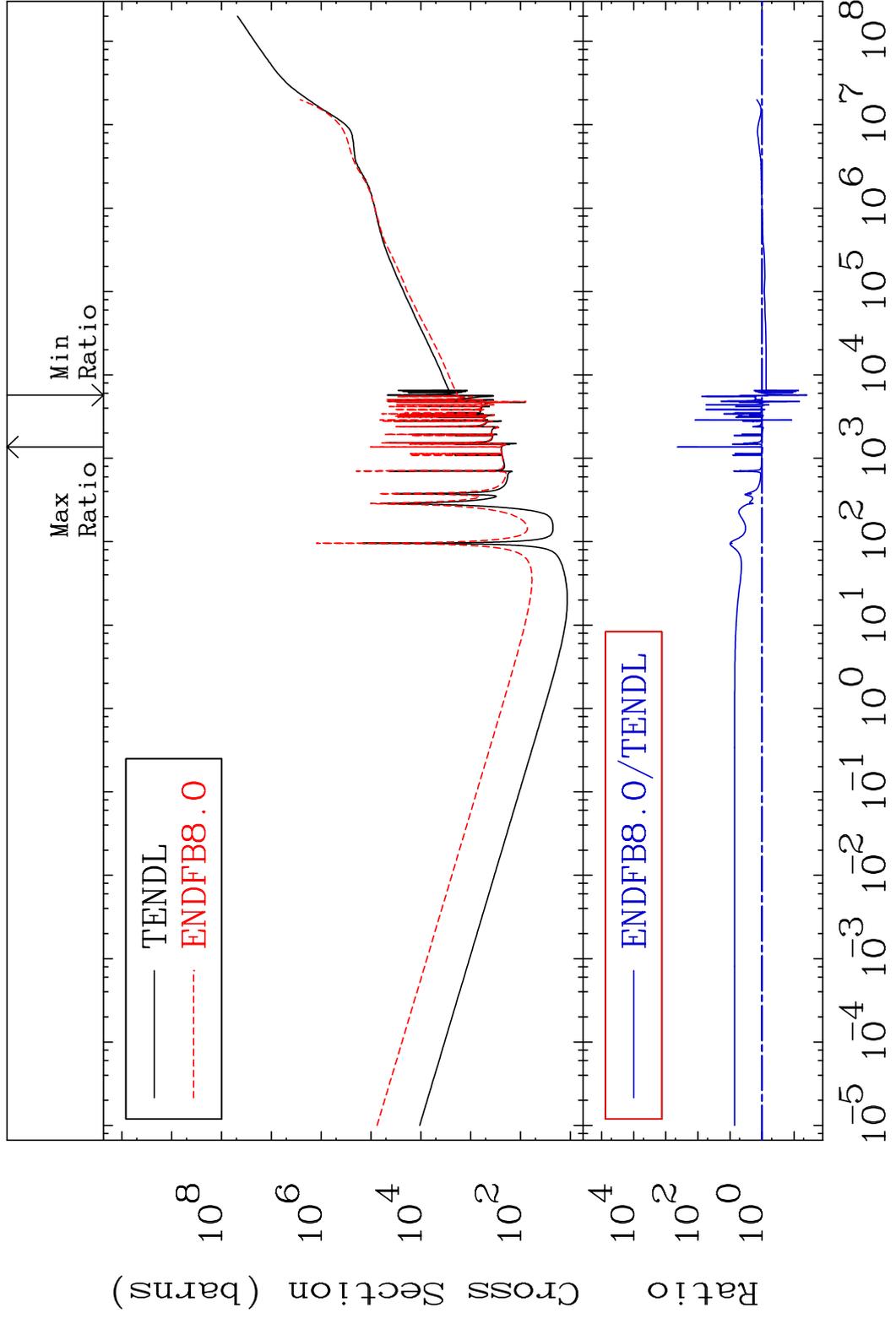




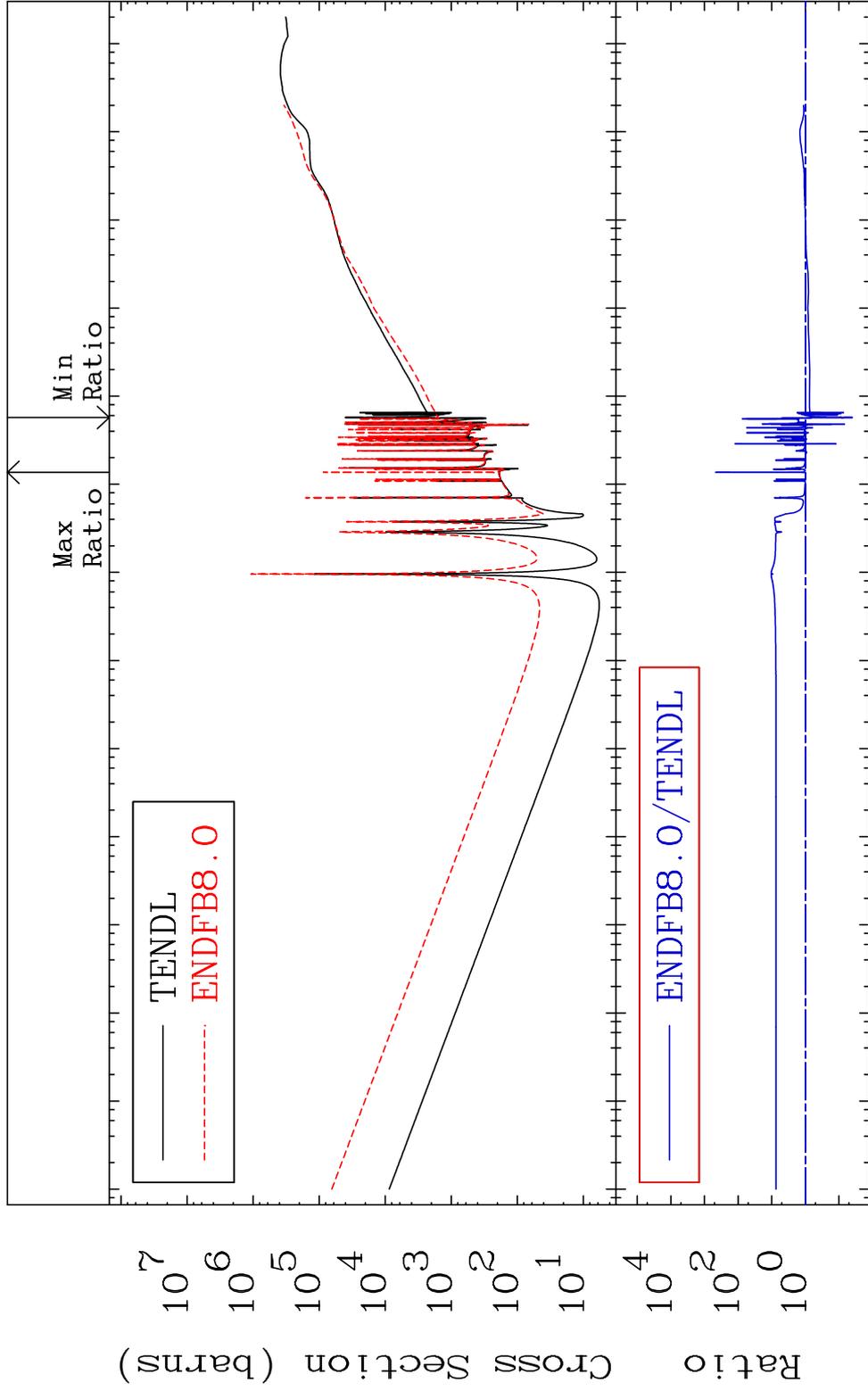
MAT 3131 Total photon (eV-barns) 31-Ga-71
 Cross Section 9999. To 9999. %



MAT 3131 Total kinematic kerma (high limit) 31-Ga-71
 Cross Section -96.05 To 9999. %



MAT 3131 Dpa total (eV-barns) 31-Ga-71
 Cross Section -96.06 To 9999. %



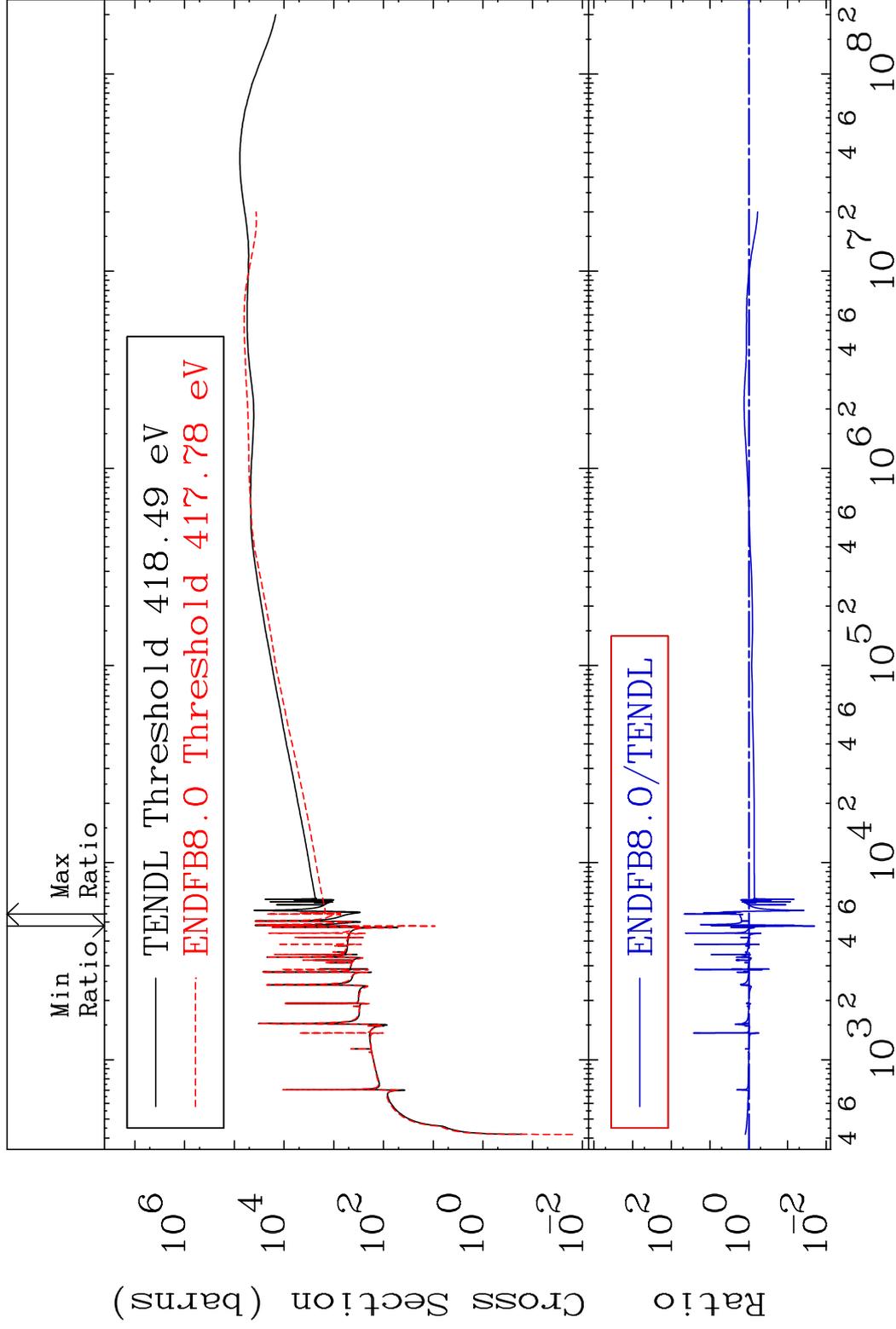
39 Incident Energy (eV) 31-Ga-71

MAT 3131

Dpa elastic (mt2)

31-Ga-71

Cross Section -98.02 To 4580. %

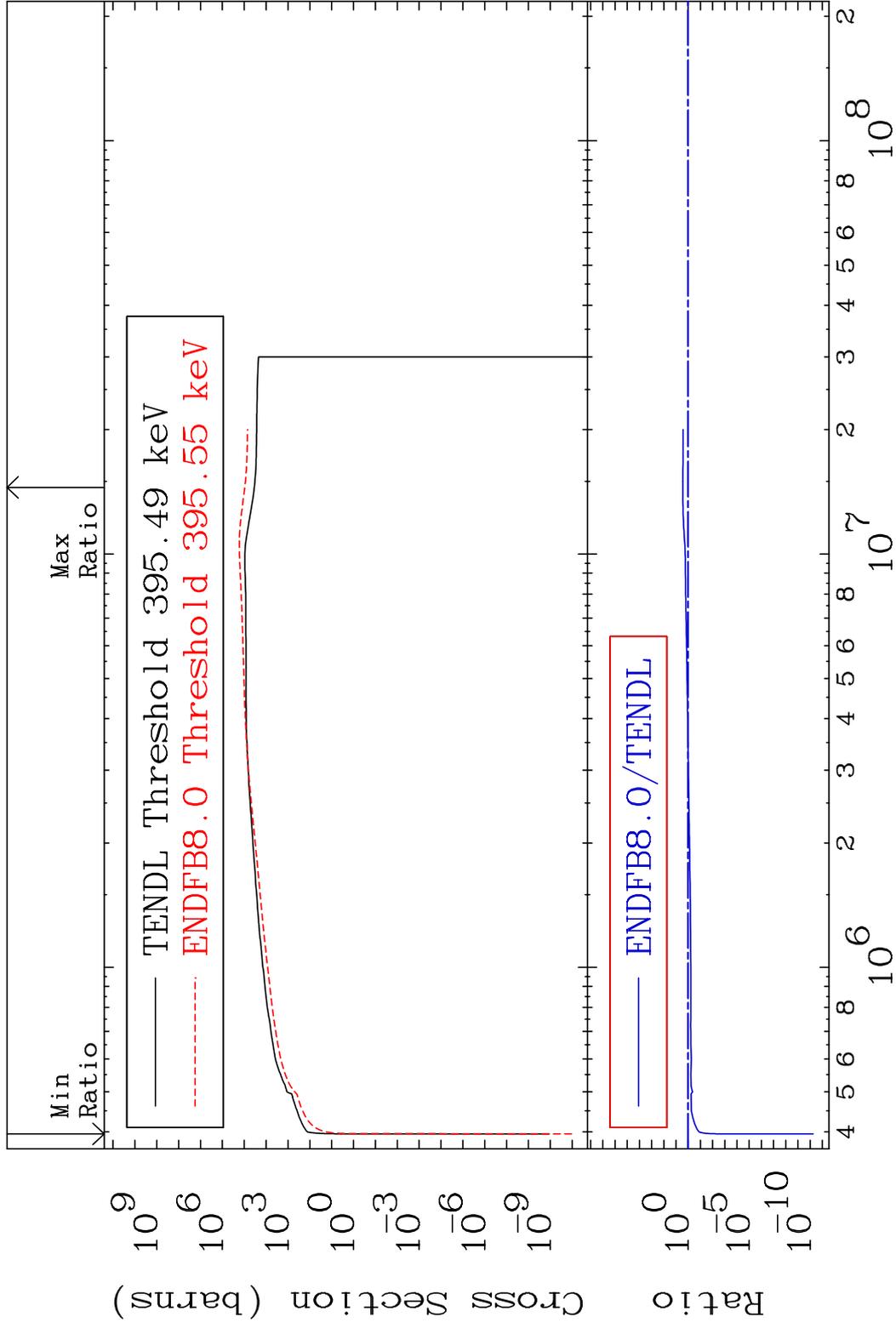


40

Incident Energy (eV)

31-Ga-71

MAT 3131 Dpa inelastic (mt51-91) 31-Ga-71
 Cross Section -100.0 To 175.6 %



MAT 3131 Dpa disappearance (mt102 -120) 31-Ga-71
 Cross Section -99.08 To 9999. %

