

Program Complot
(Version 2014-1)

by

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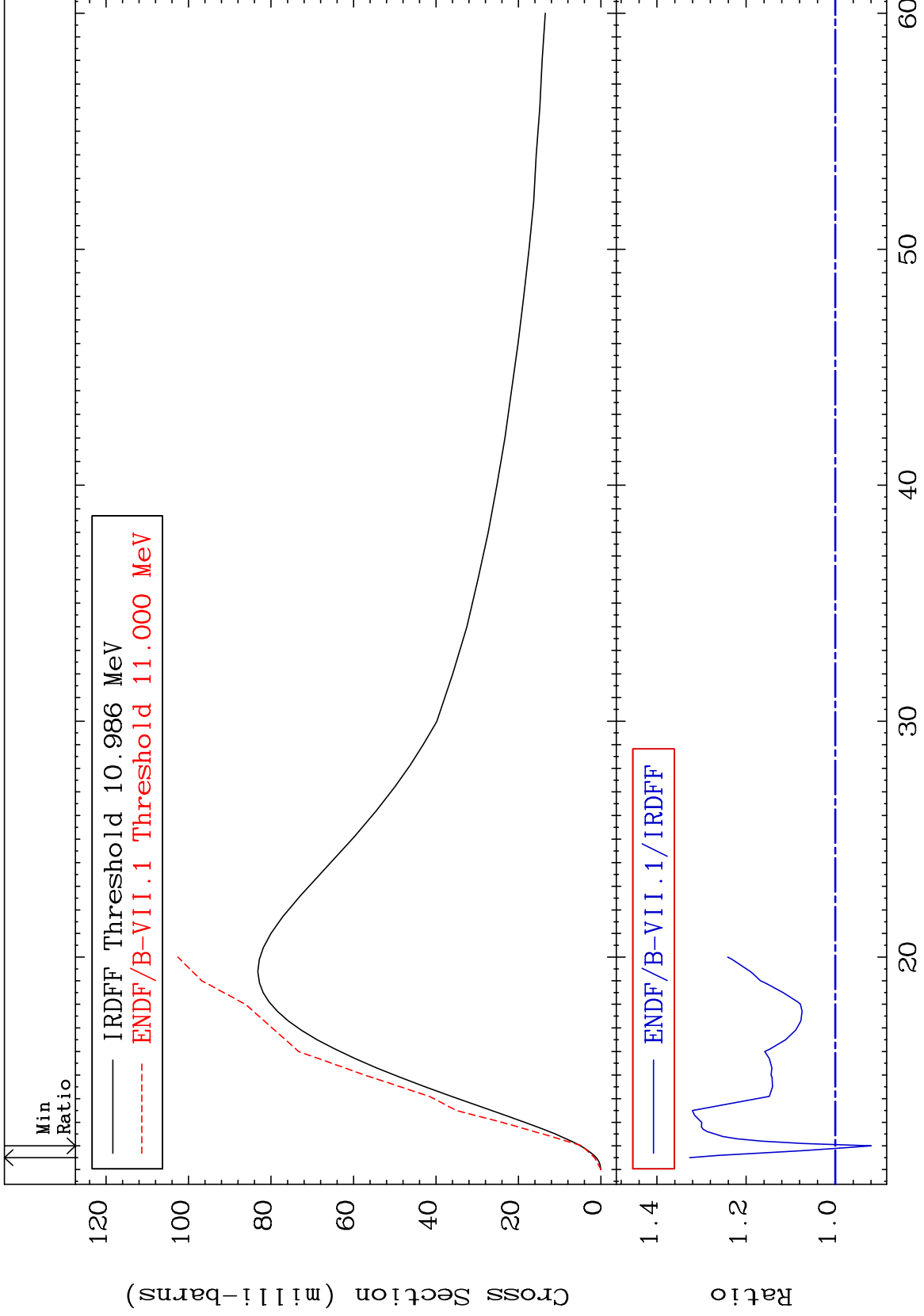
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start.

MAT 925

(n,2n)
Cross Section

9-F -19
-8.046 To 32.65 %



1

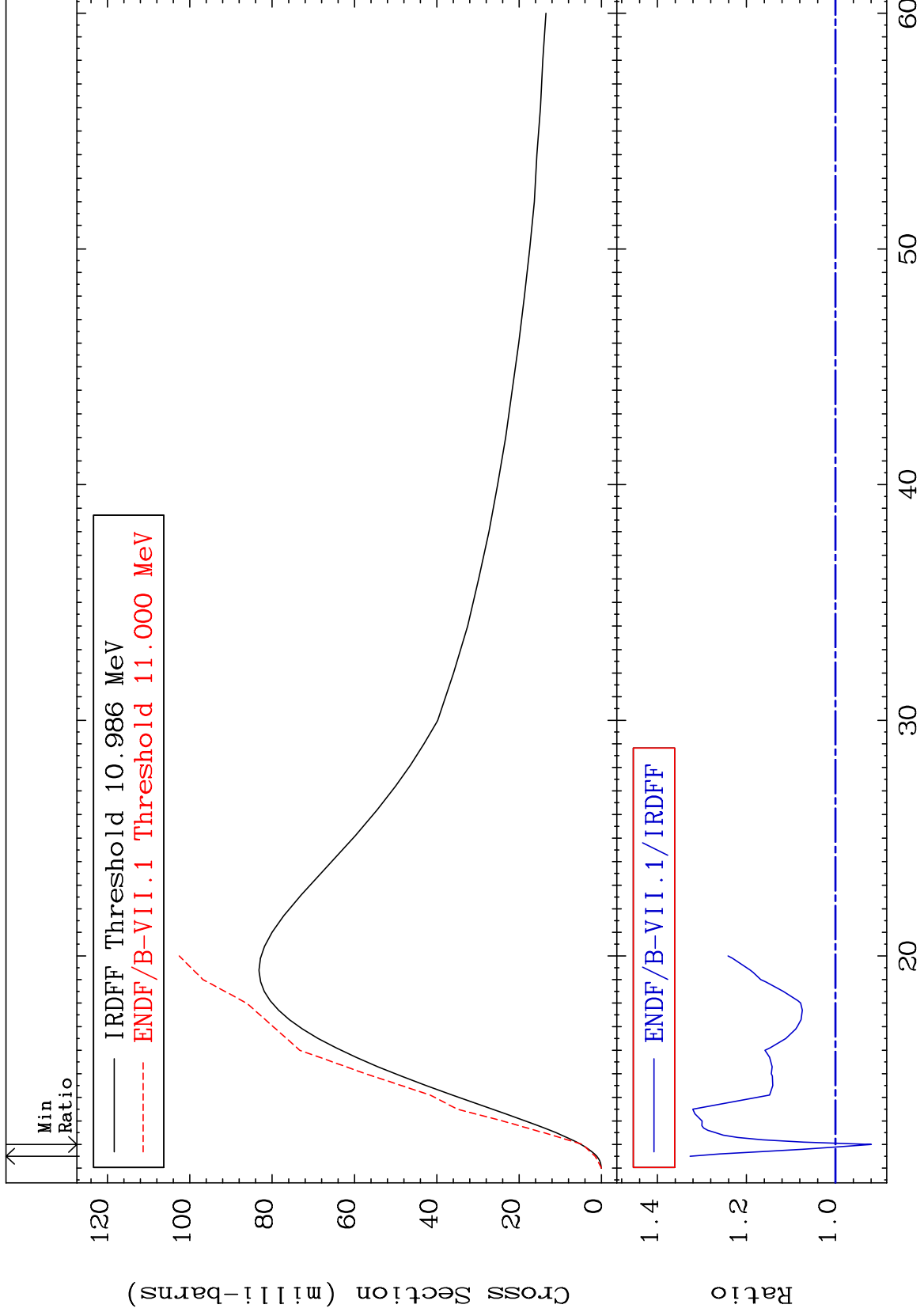
Incident Energy (MeV)

9-F -19

MAT 925

(n,2n)
Cross Section

9-F -19
-8.046 To 32.65 %



2

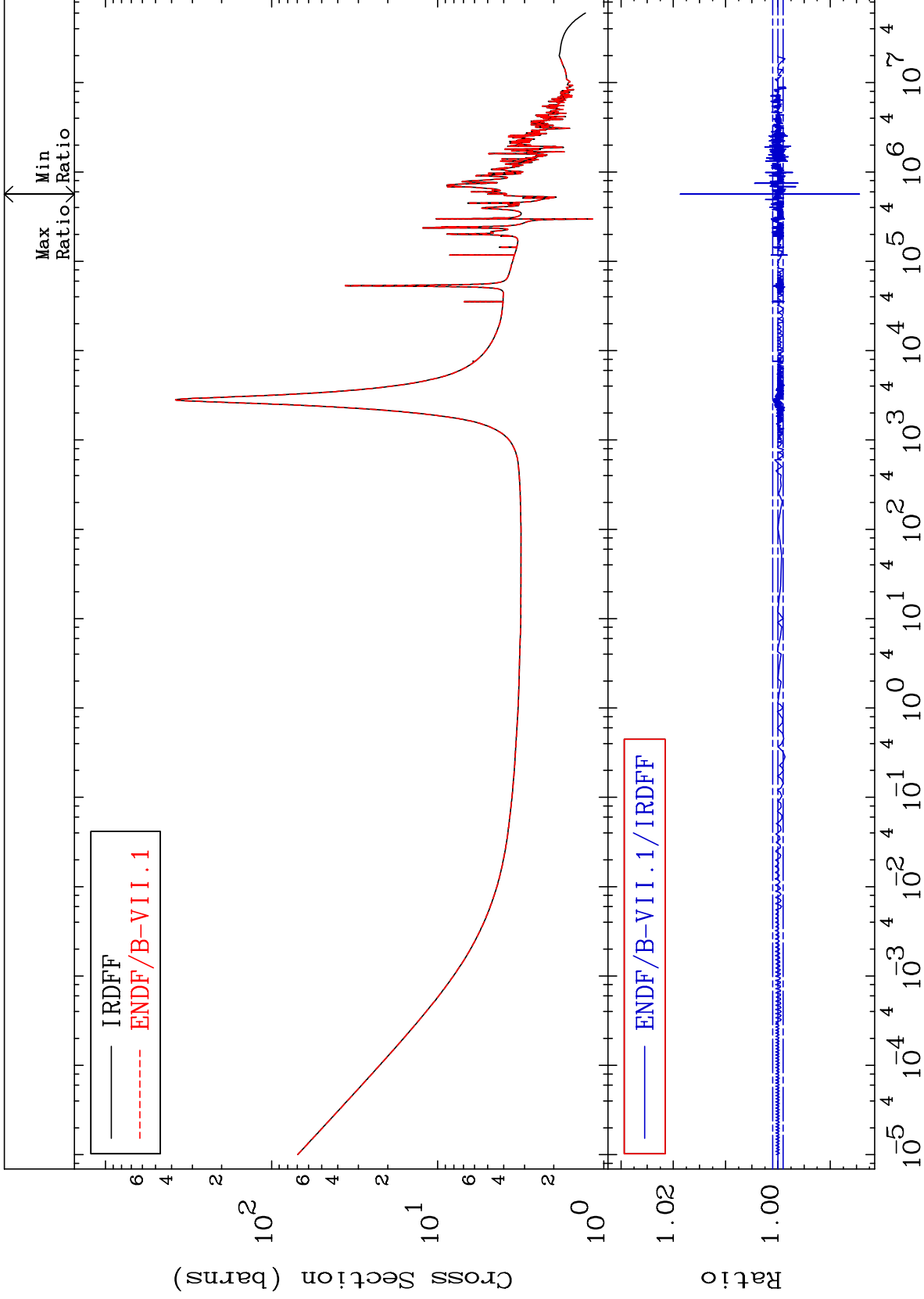
Incident Energy (MeV)

9-F -19

MAT 1125

Total
Cross Section

11-Na-23
-1.557 To 1.865 %



Incident Energy (eV)

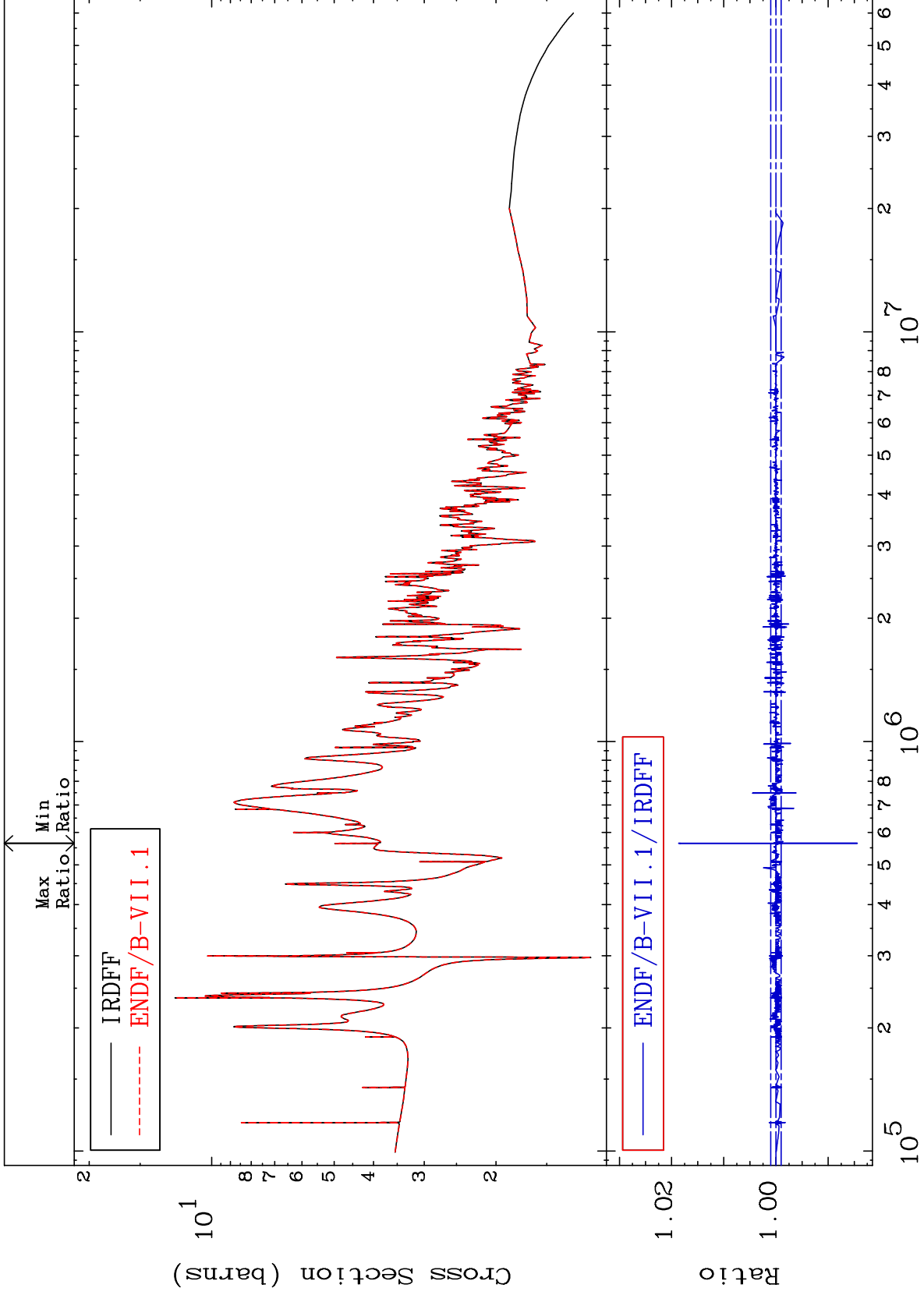
11-Na-23

3

MAT 1125

Total
Cross Section

11-Na-23
-1.557 To 1.865 %



4

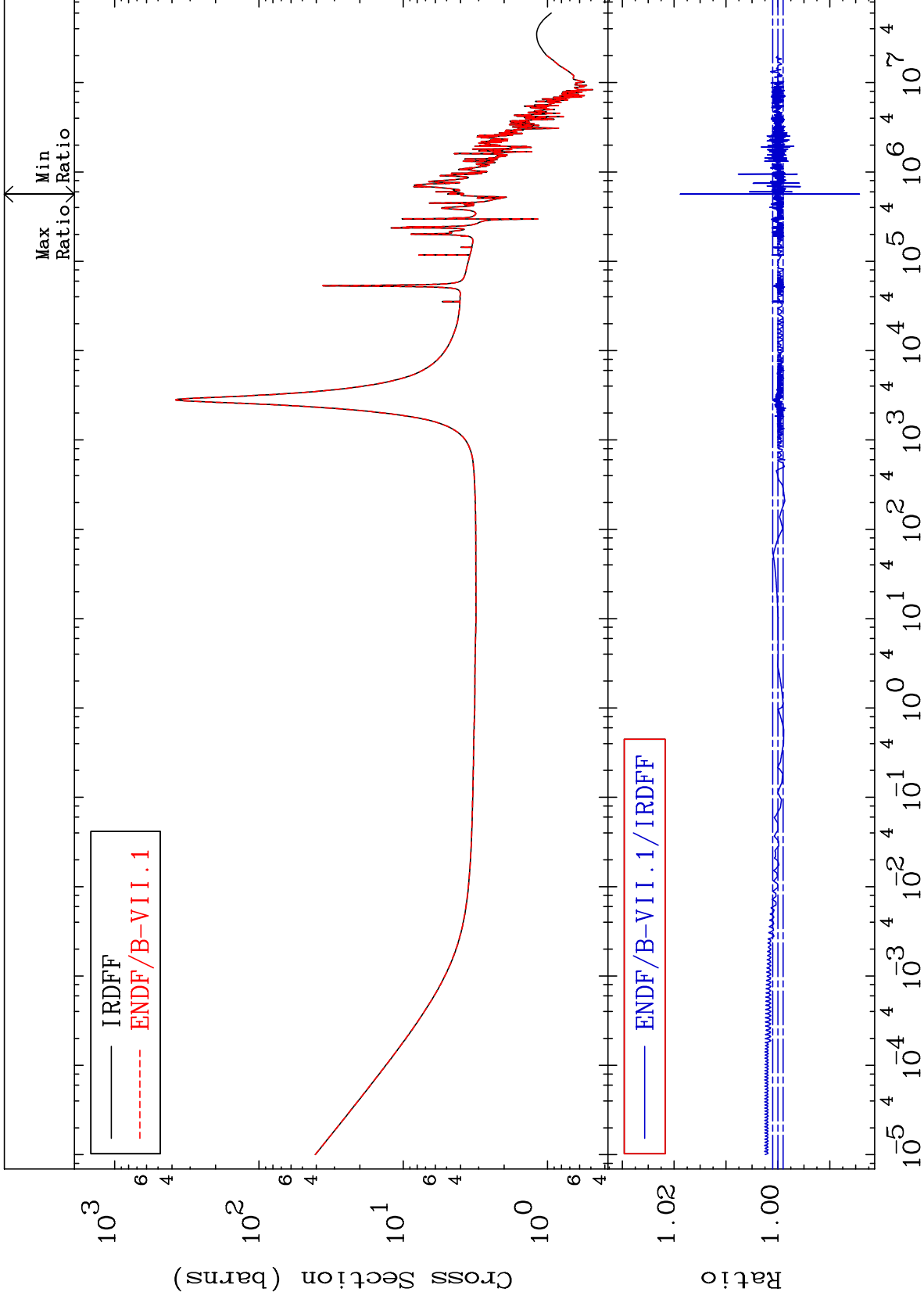
Incident Energy (eV)

11-Na-23

MAT 1125

Elastic
Cross Section

11-Na-23
-1.571 To 1.880 %



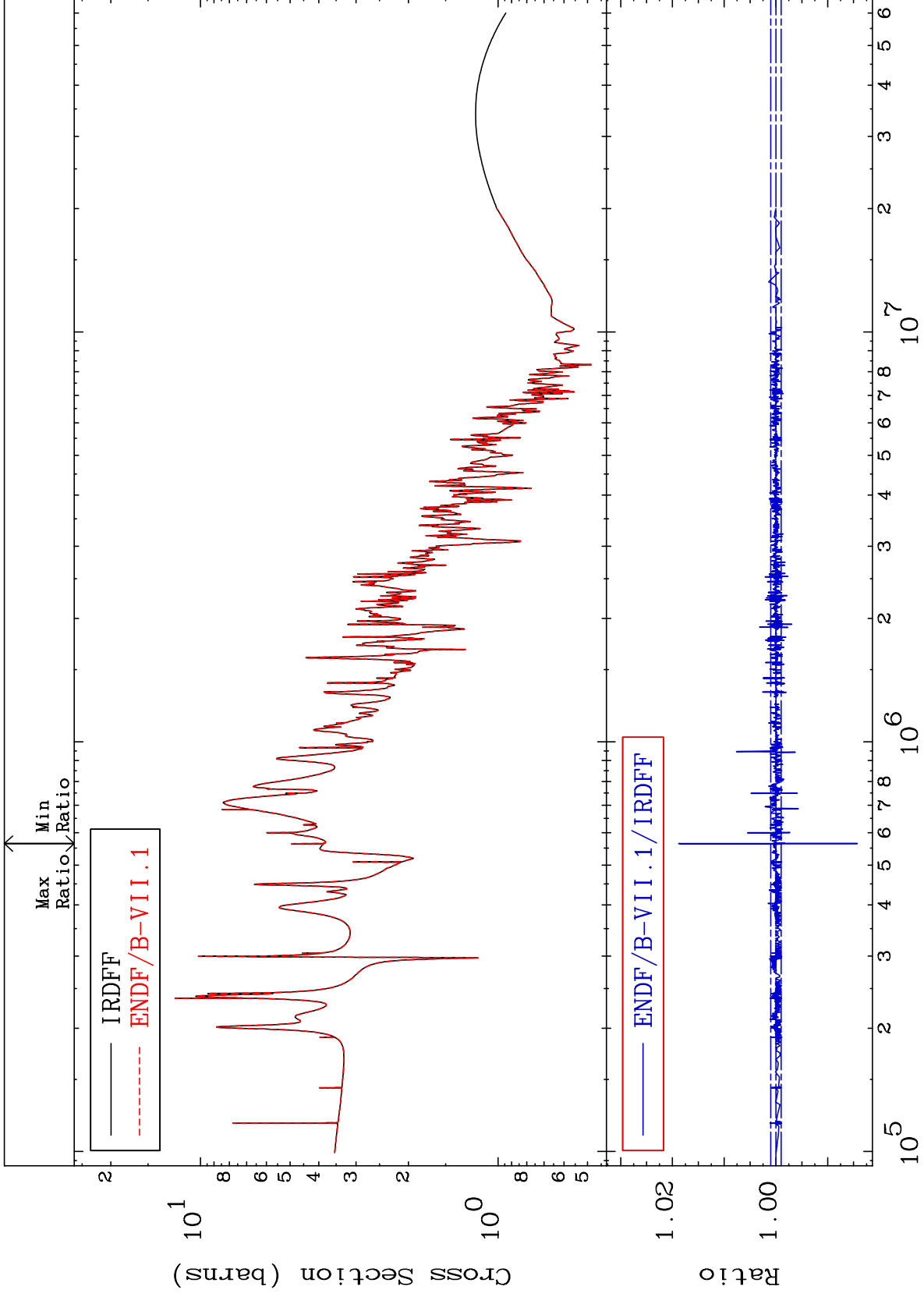
Incident Energy (eV)

11-Na-23

MAT 1125

Elastic
Cross Section

11-Na-23
-1.571 To 1.880 %



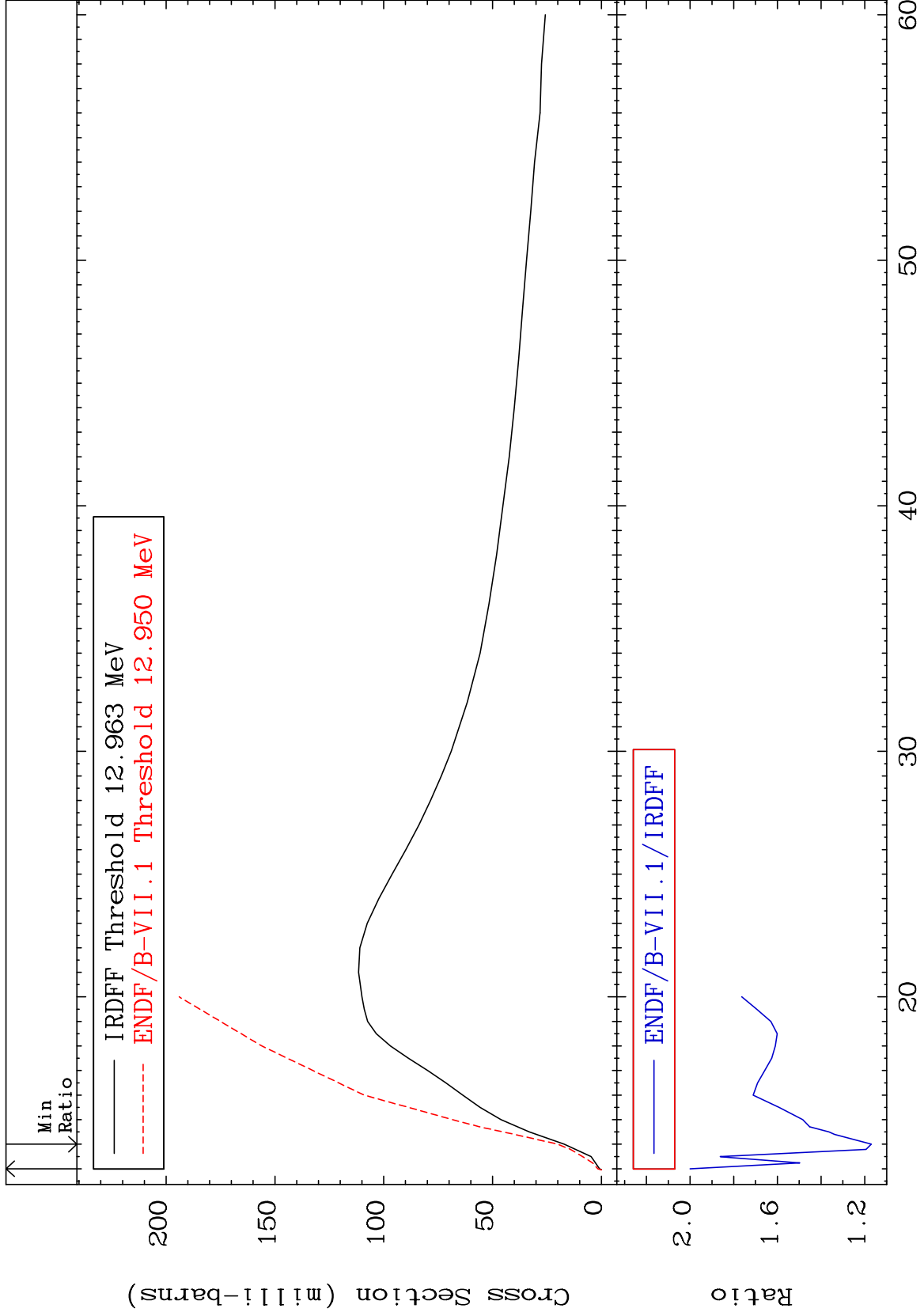
Incident Energy (eV)

11-Na-23

MAT 1125

(n,2n)
Cross Section

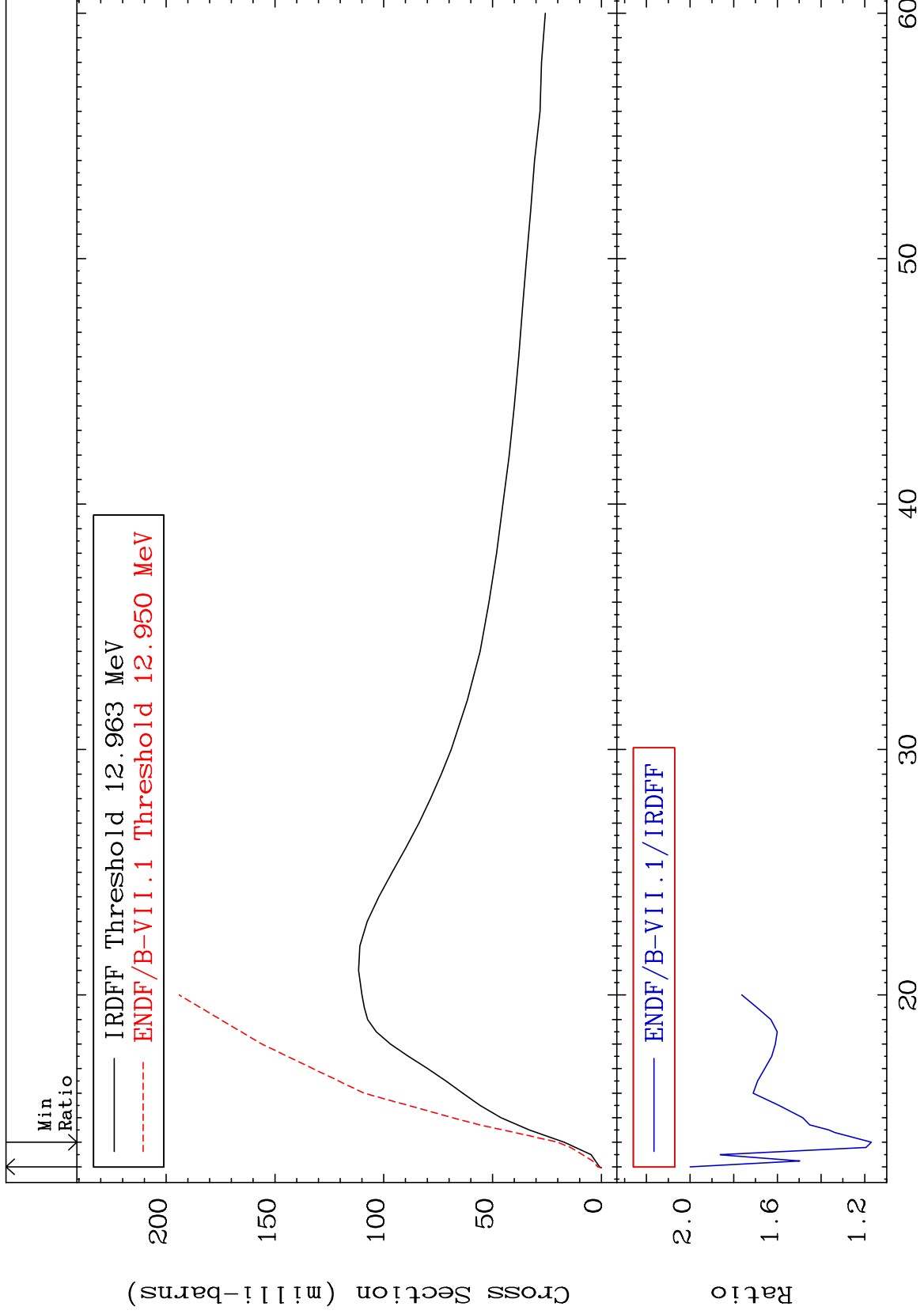
11-Na-23
16.96 To 100.0 %



MAT 1125

(n,2n)
Cross Section

11-Na-23
16.96 To 100.0 %



8

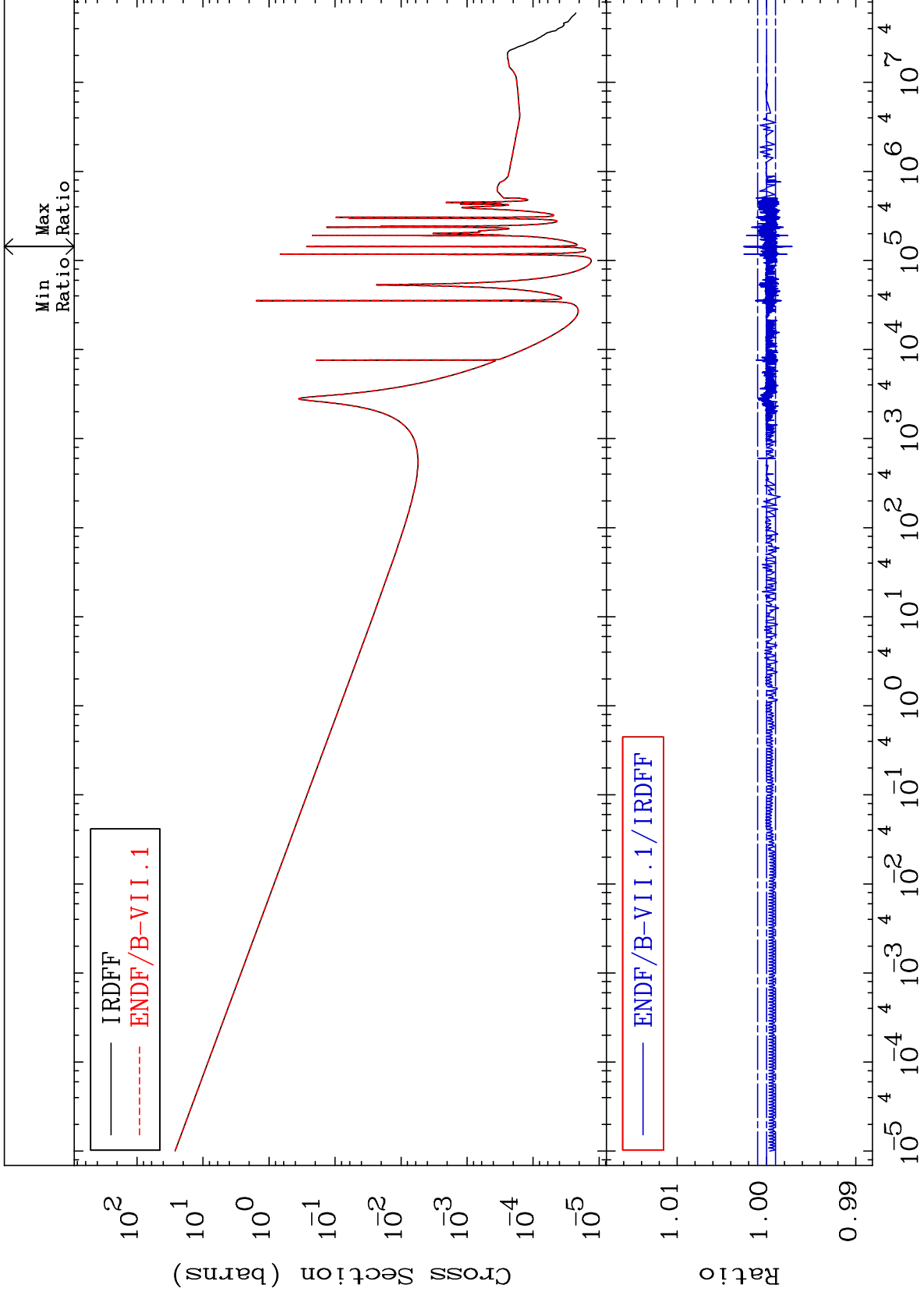
Incident Energy (MeV)

11-Na-23

MAT 1125

(n, γ)
Cross Section

11-Na-23
-0.285 To 0.253 %



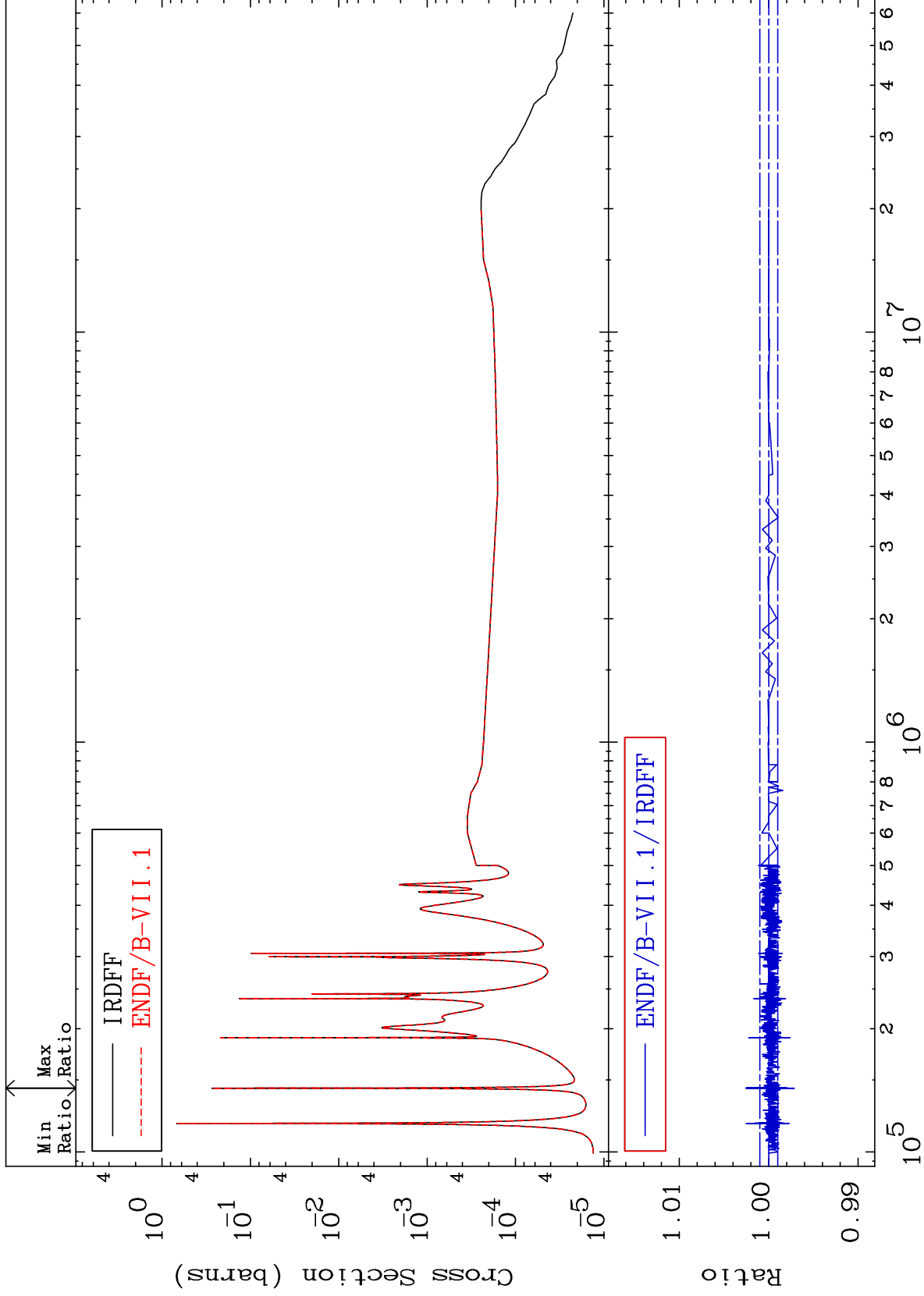
MAT 1125

(n, γ)

11-Na-23

Cross Section

-0.285 To 0.253 %



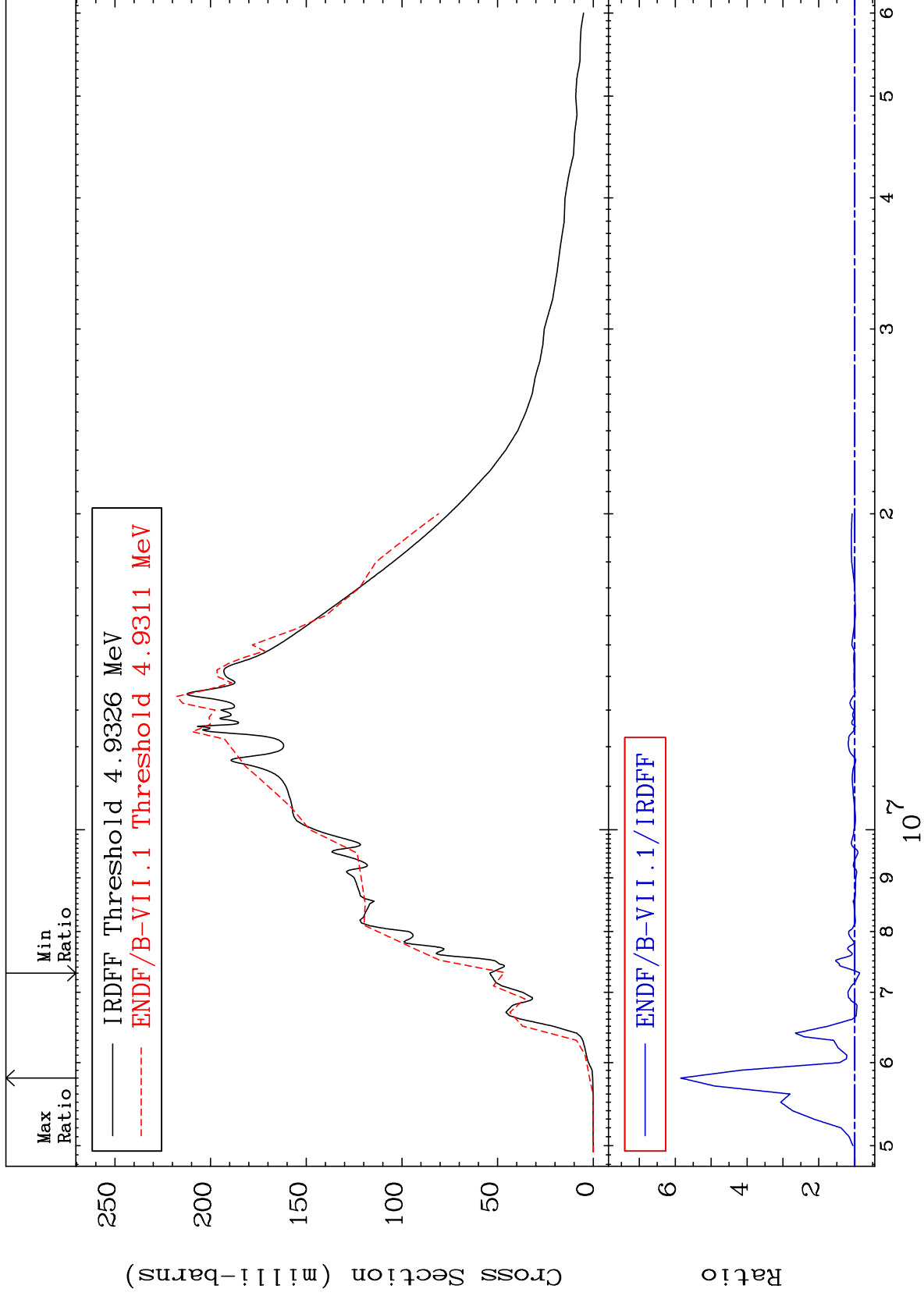
Incident Energy (eV)

11-Na-23

MAT 1225

(n,p)
Cross Section

12-Mg-24
-13.48 To 484.6 %

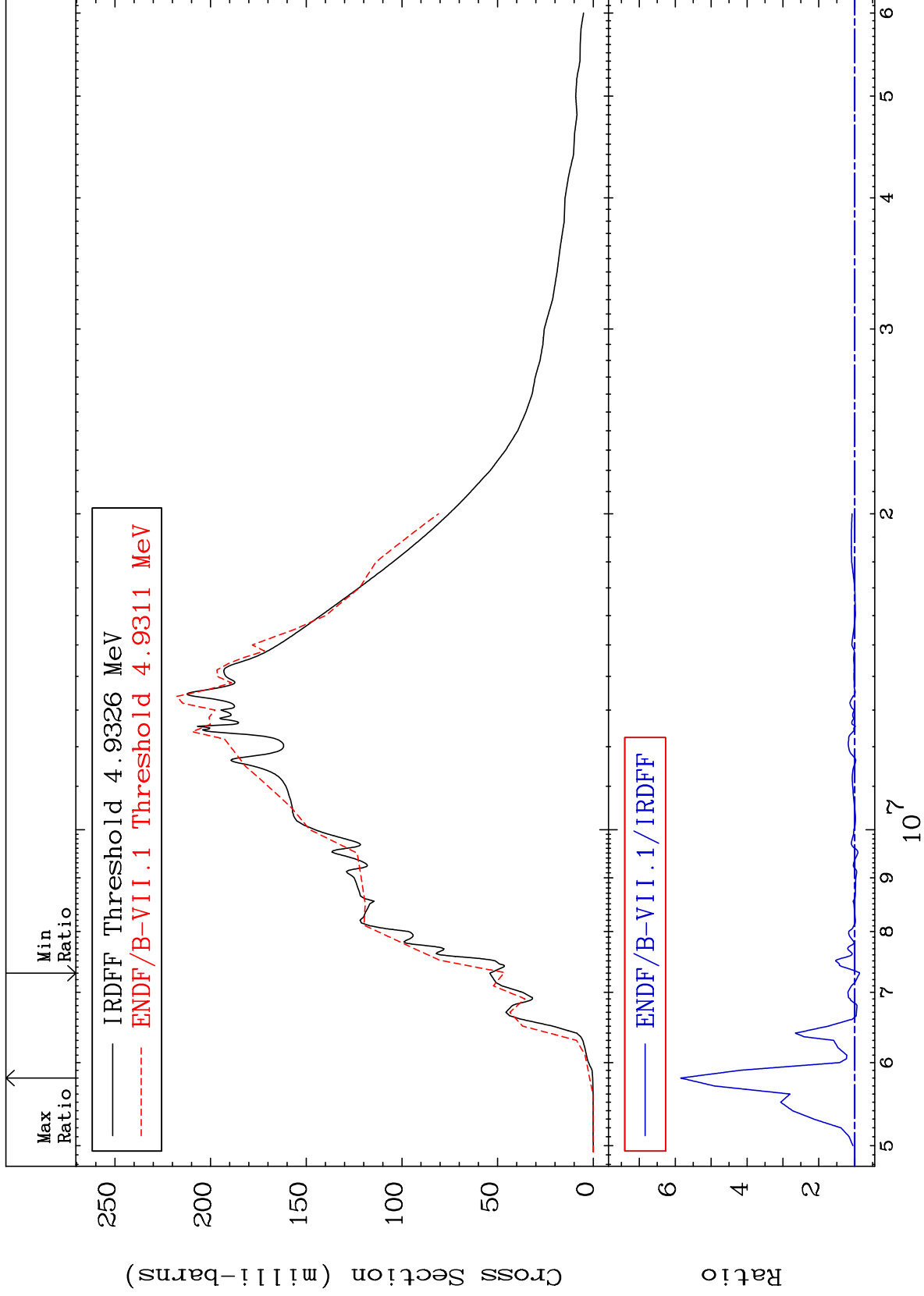


11

MAT 1225

(n,p)
Cross Section

12-Mg-24
-13.48 To 484.6 %



12

Incident Energy (eV)

12-Mg-24

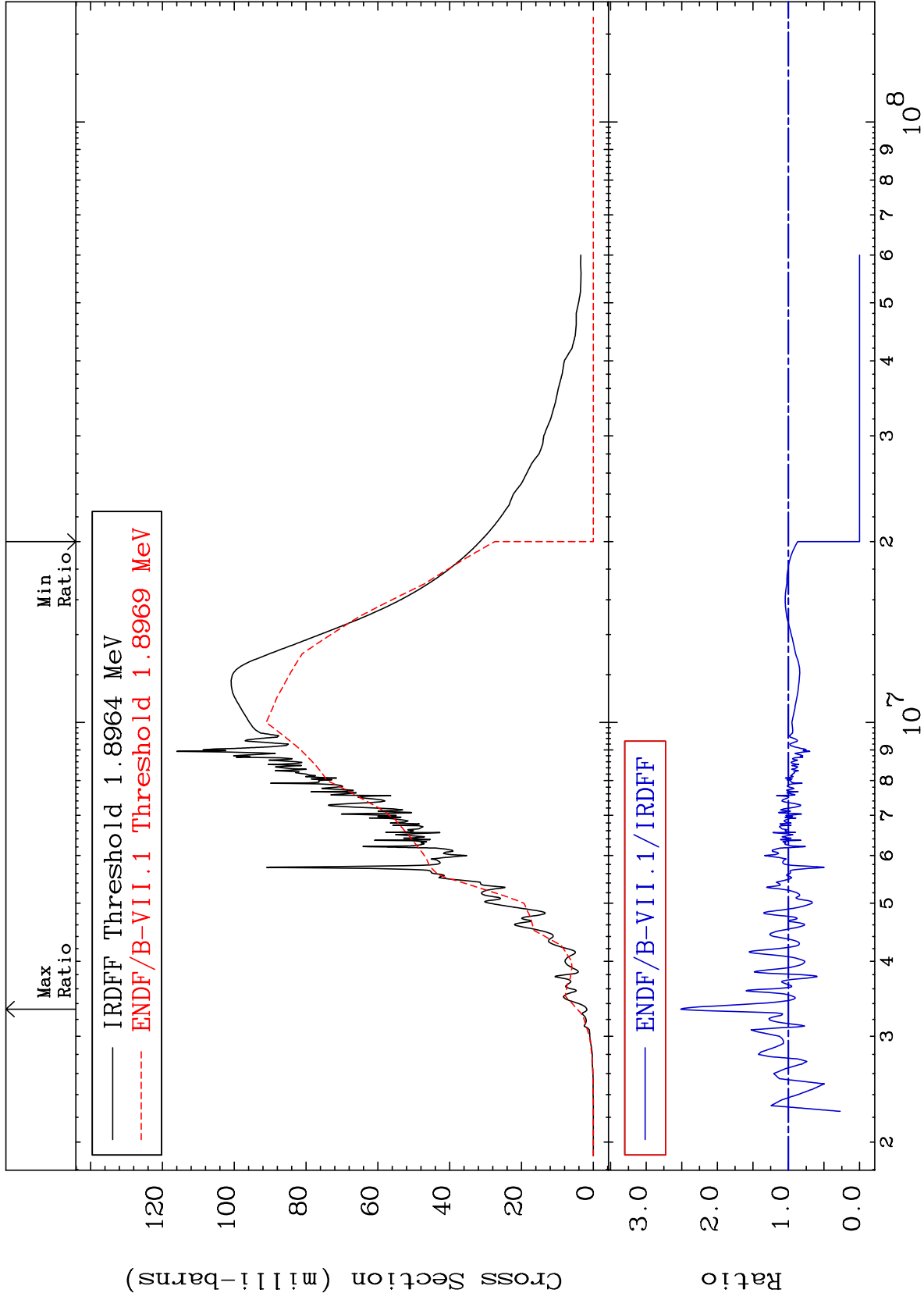
MAT 1325

(n,p)

13-Al-27

Cross Section

-100.0 To 151.4 %



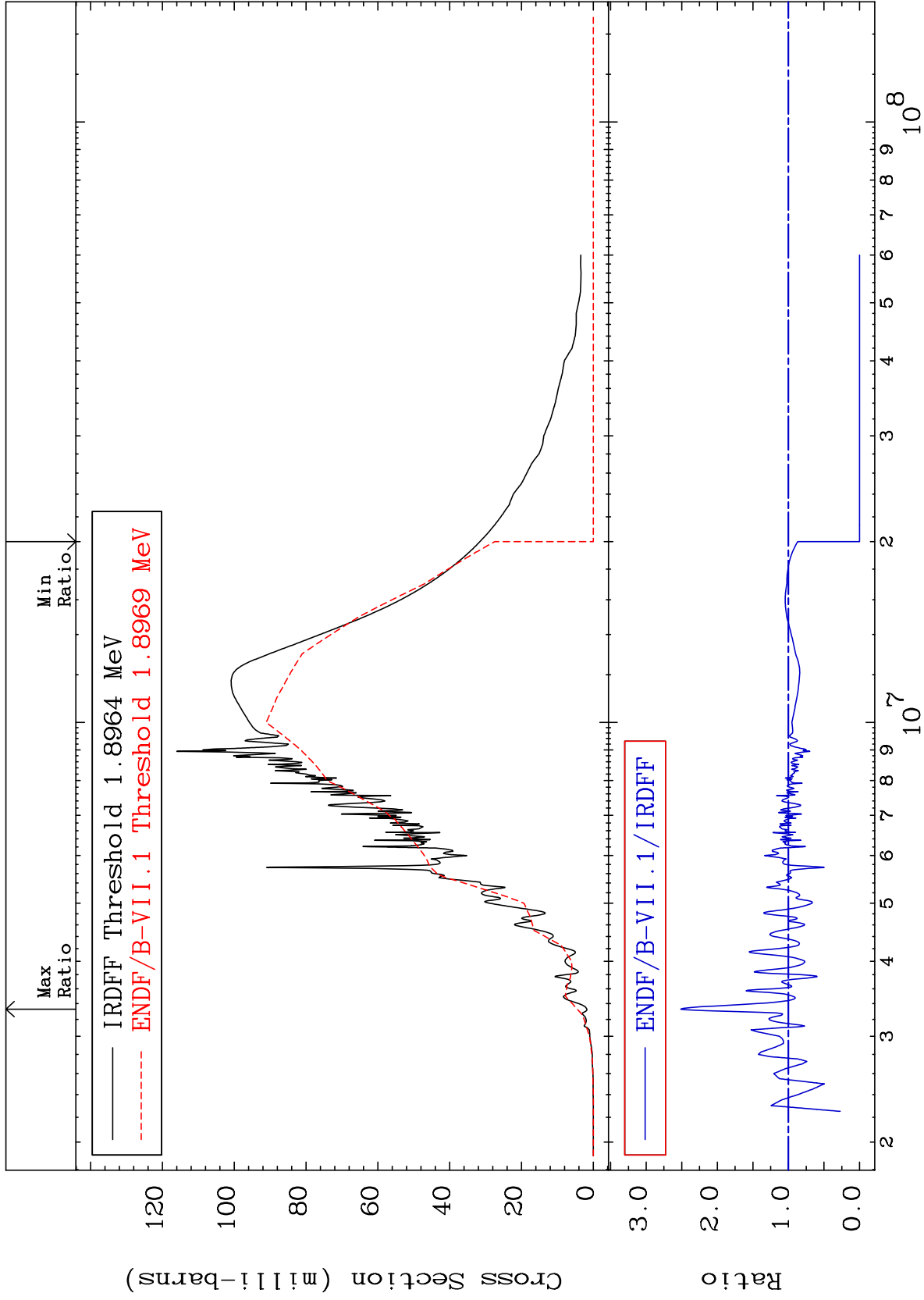
MAT 1325

(n, p)

13-Al-27

Cross Section

-100.0 To 151.4 %



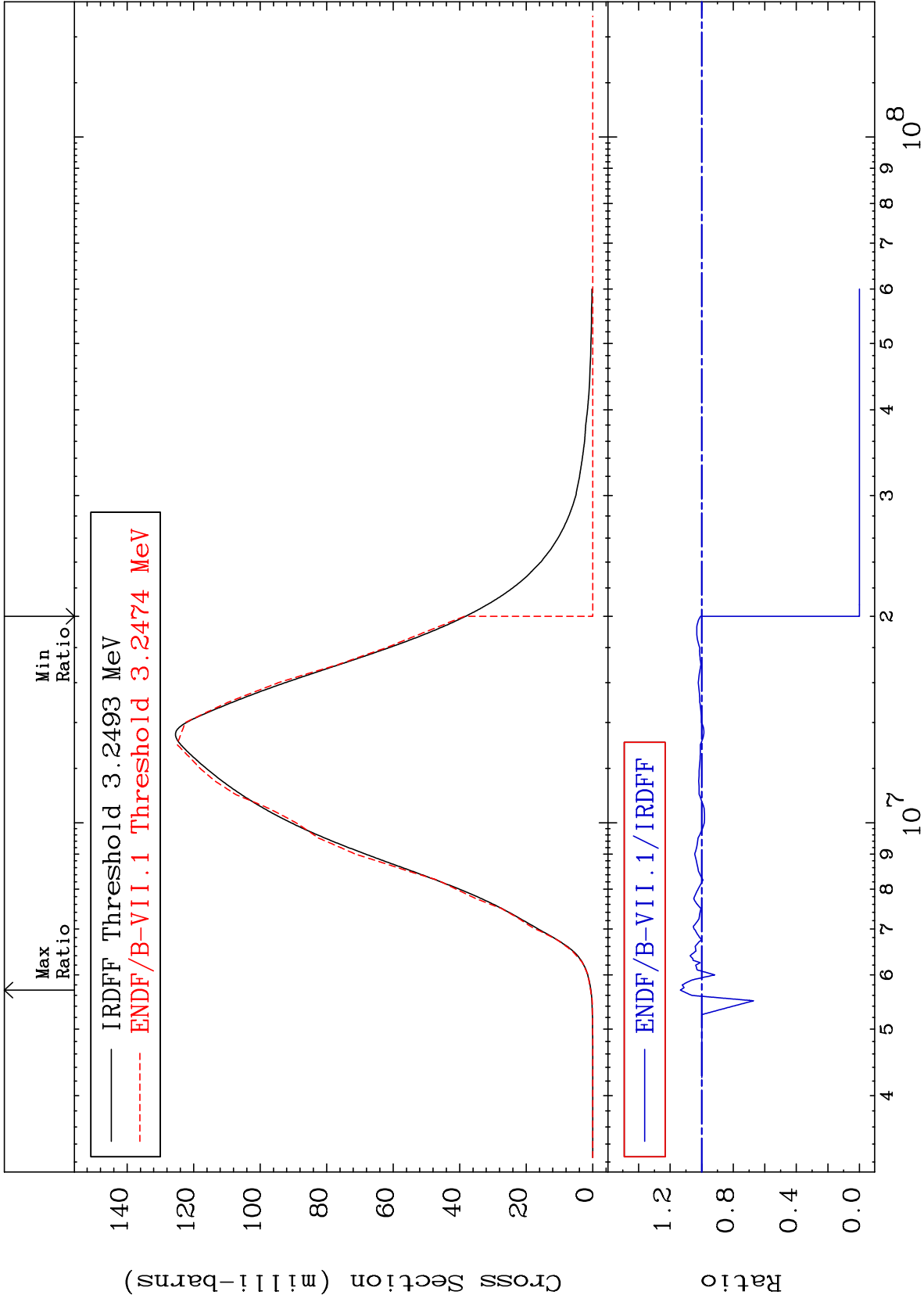
MAT 1325

(n, α)

13-Al-27

Cross Section

-100.0 To 13.54 %



15

Incident Energy (eV)

13-Al-27

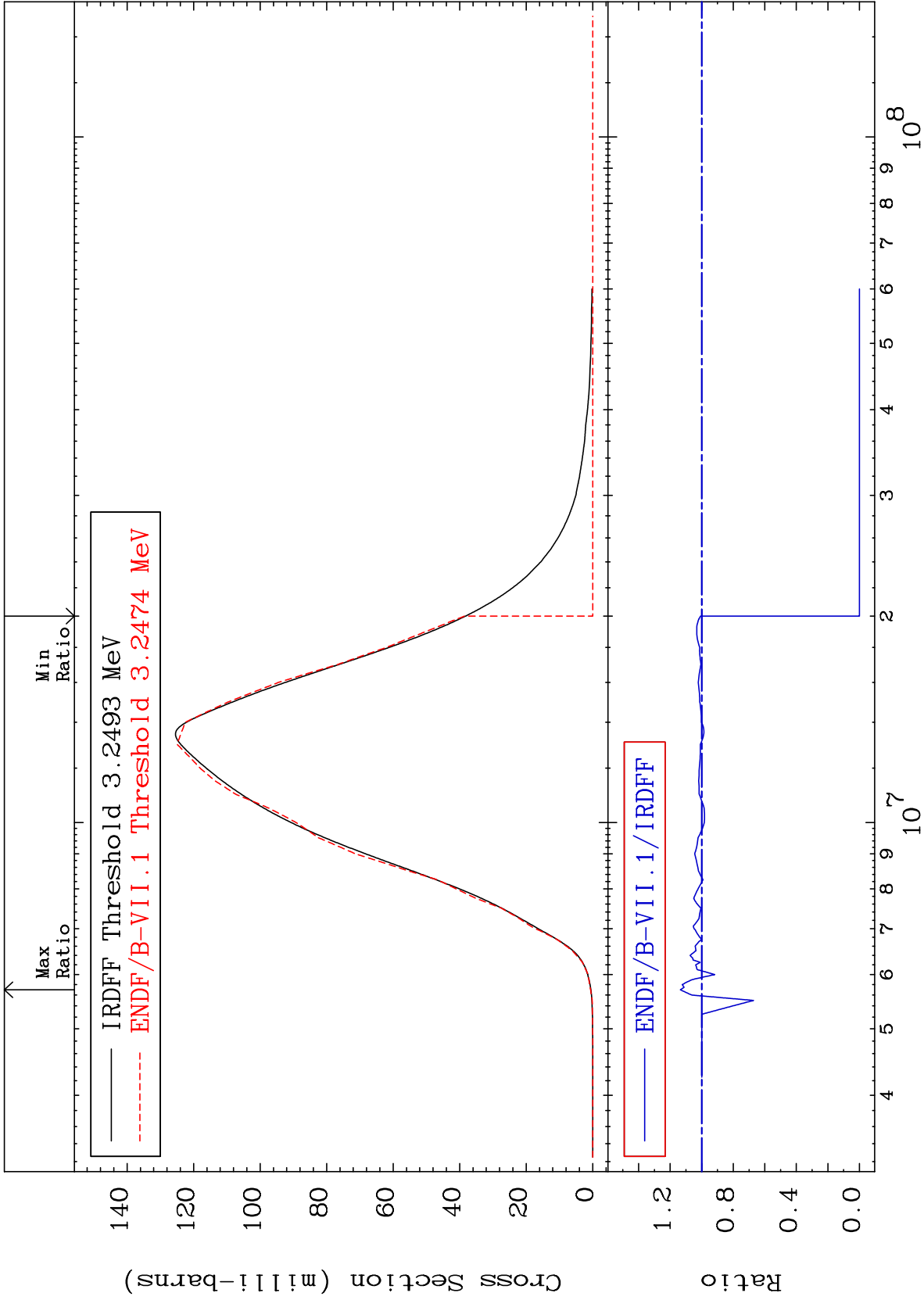
MAT 1325

(n, α)

13-Al-27

Cross Section

-100.0 To 13.54 %



16

Incident Energy (eV)

13-Al-27

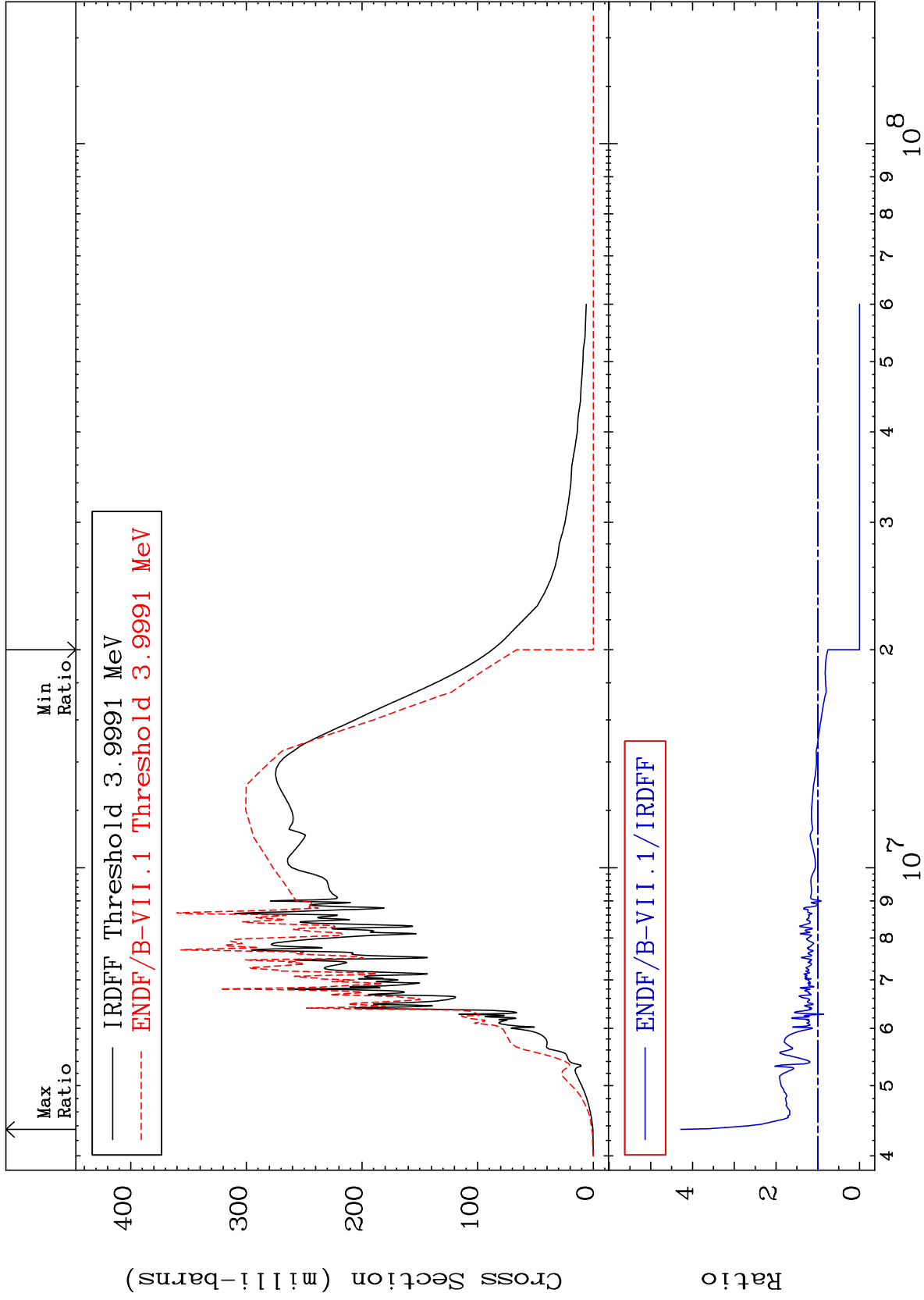
MAT 1425

(n,p)

¹⁴Si-28

Cross Section

-100.0 To 328.2 %



17

Incident Energy (eV)

¹⁴Si-28

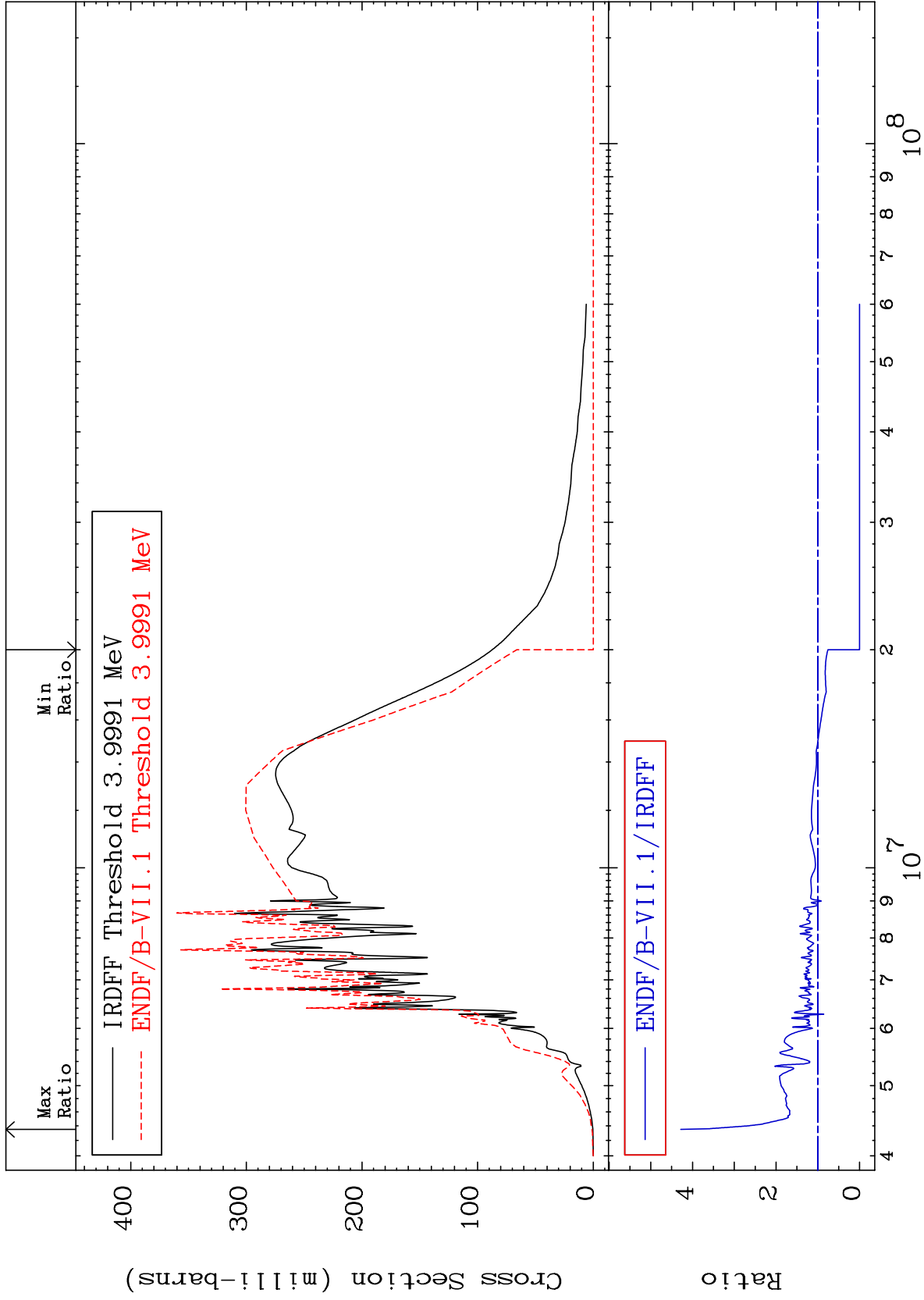
MAT 1425

(n,p)

¹⁴Si-28

Cross Section

-100.0 To 328.2 %



18

Incident Energy (eV)

¹⁴Si-28

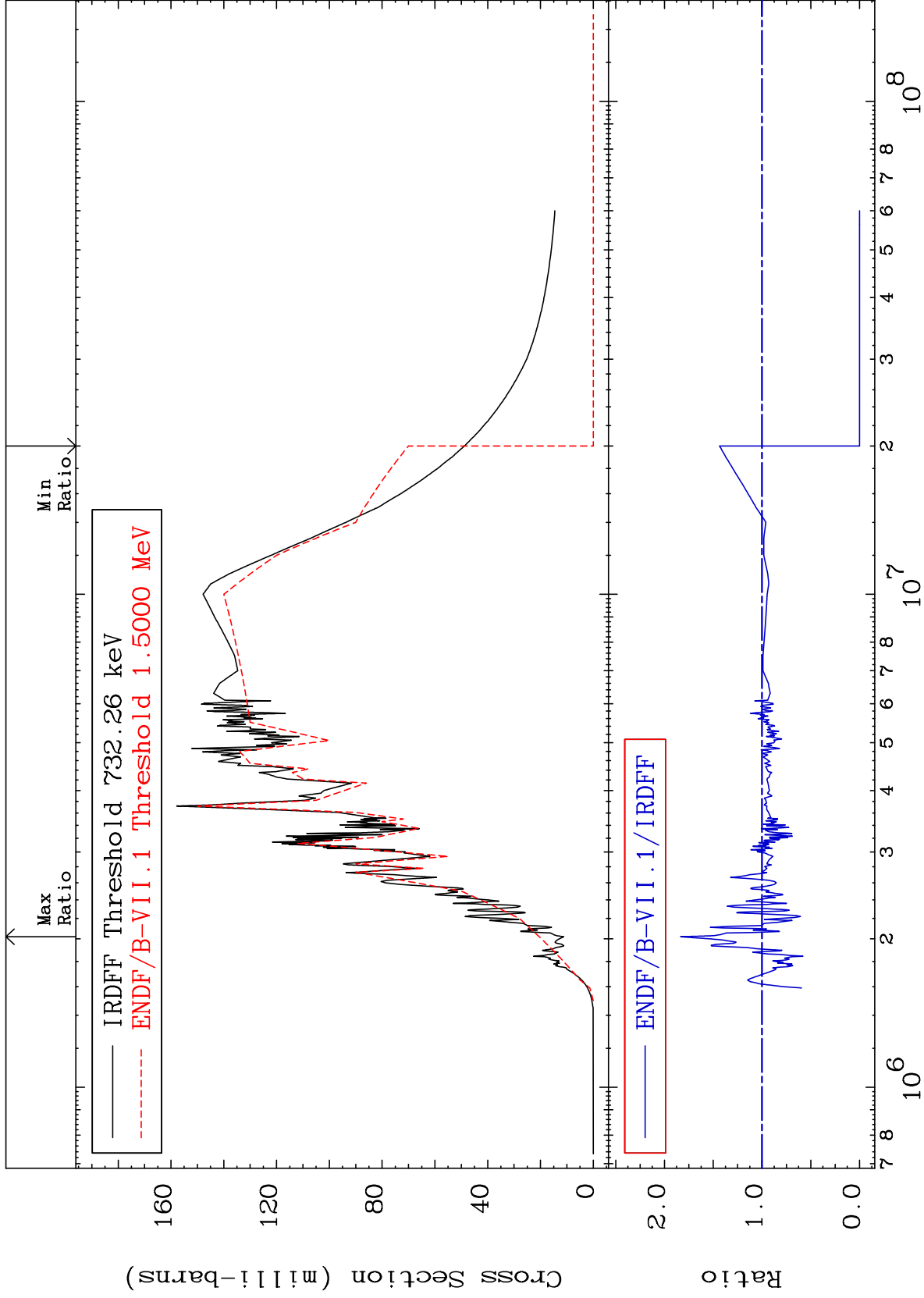
MAT 1525

(n,p)

15-P -31

Cross Section

-100.0 To 83.28 %



19

Incident Energy (eV)

15-P -31

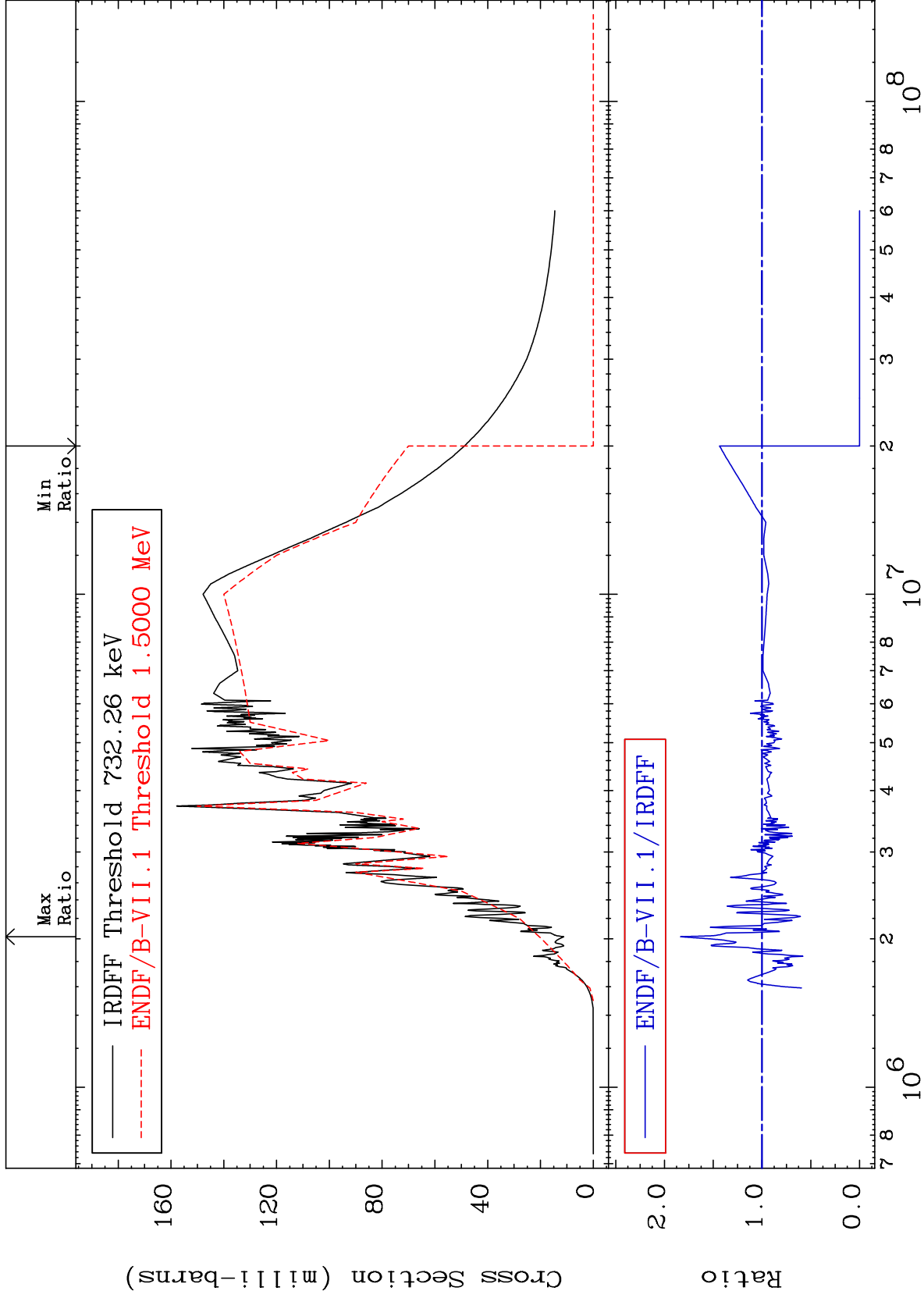
MAT 1525

(n,p)

15-P -31

Cross Section

-100.0 To 83.28 %



20

Incident Energy (eV)

15-P -31

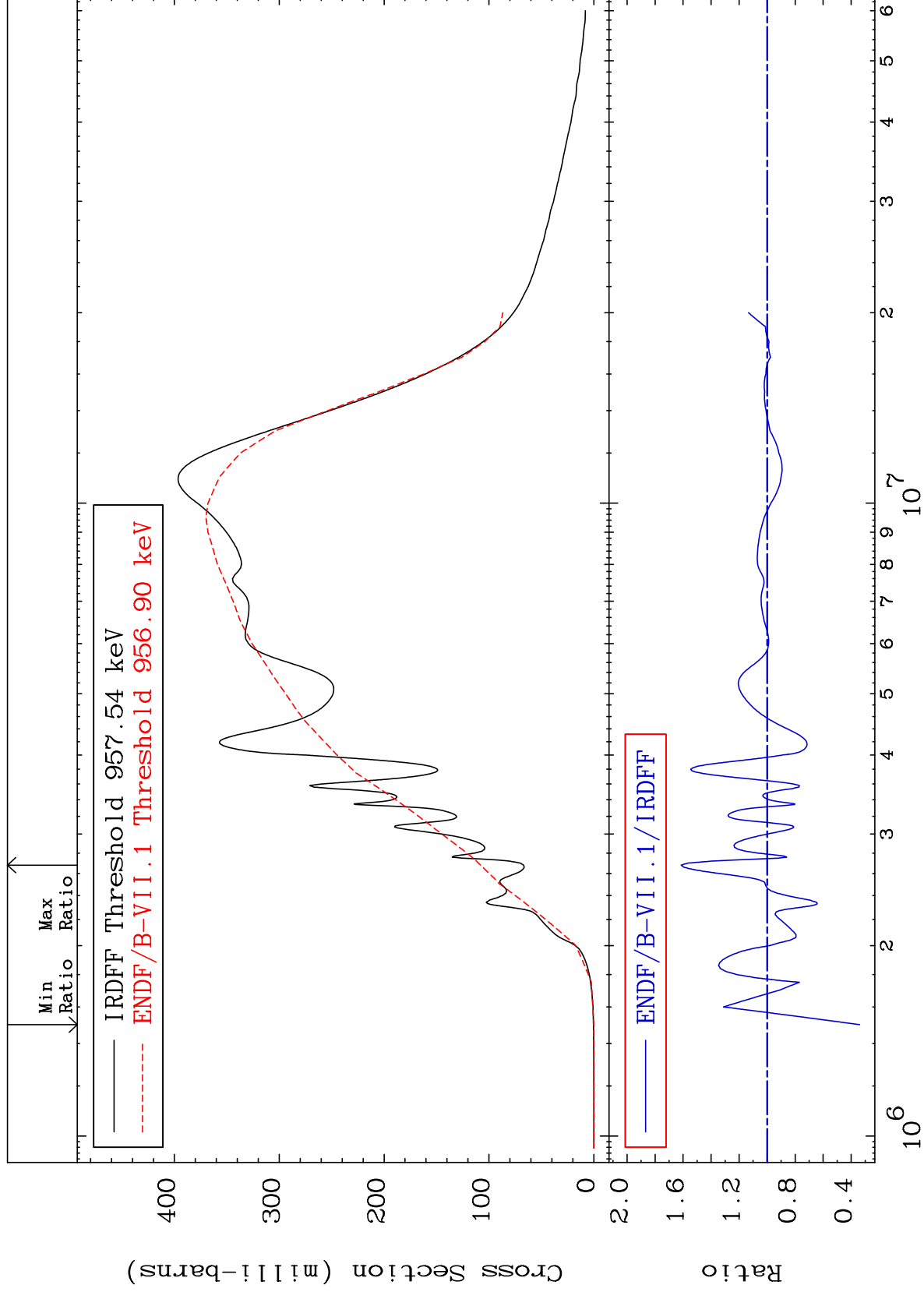
MAT 1625

(n,p)

16-S -32

Cross Section

-66.04 To 61.38 %



21

Incident Energy (eV)

16-S -32

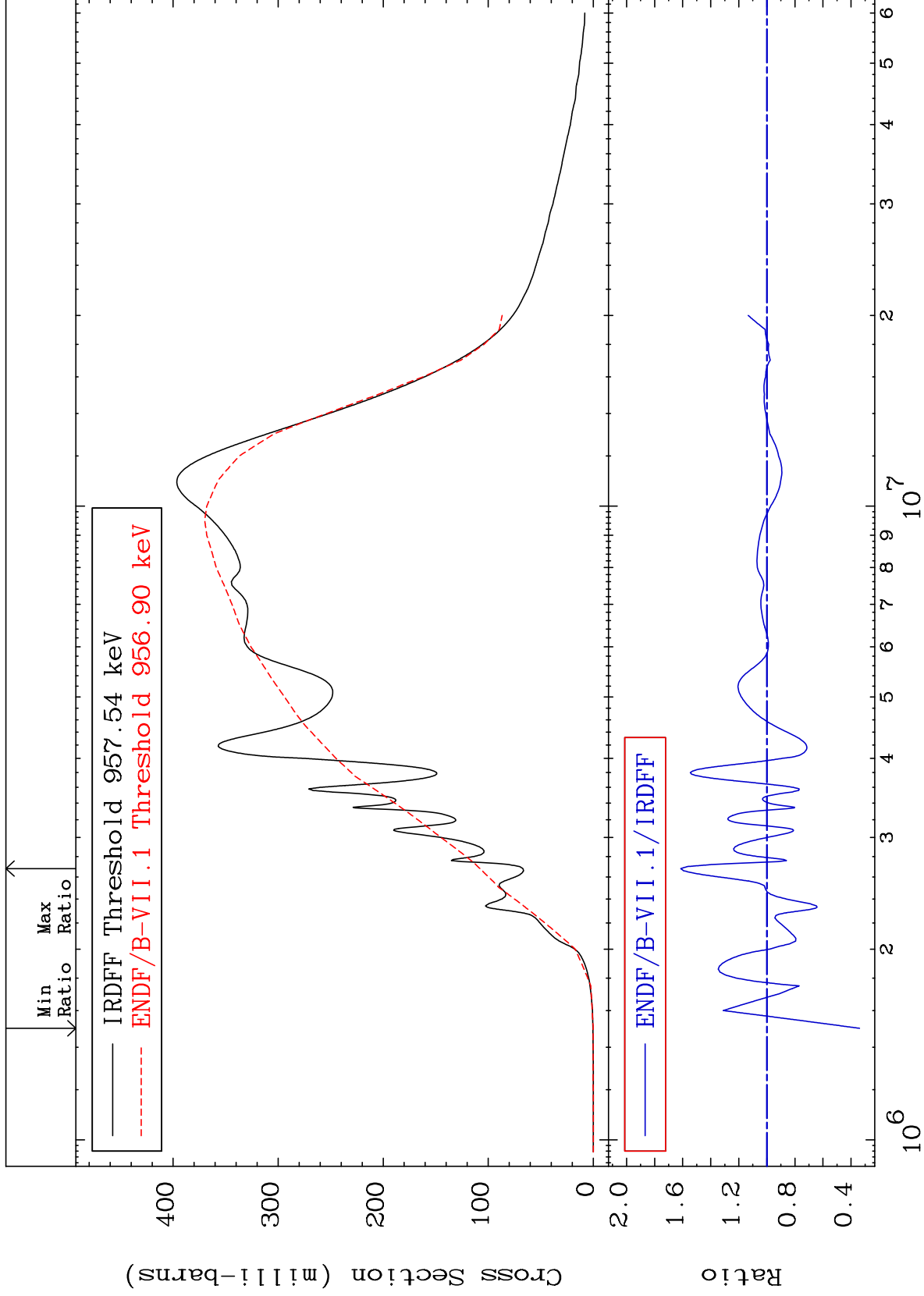
MAT 1625

(n,p)

16-S -32

Cross Section

-66.04 To 61.38 %



22

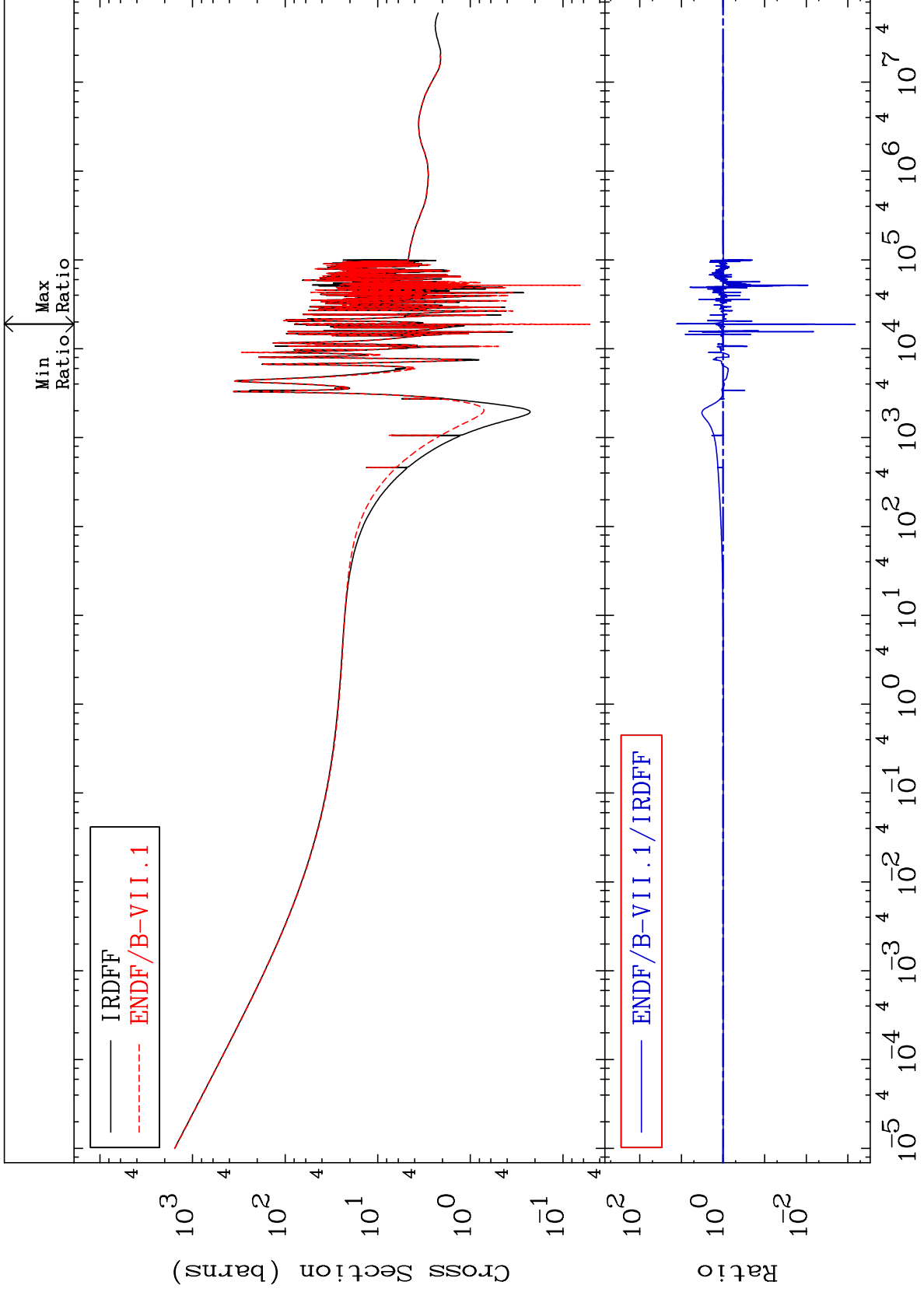
Incident Energy (eV)

16-S -32

MAT 2125

Total
Cross Section

21-Sc-45
-99.93 To 1183. %



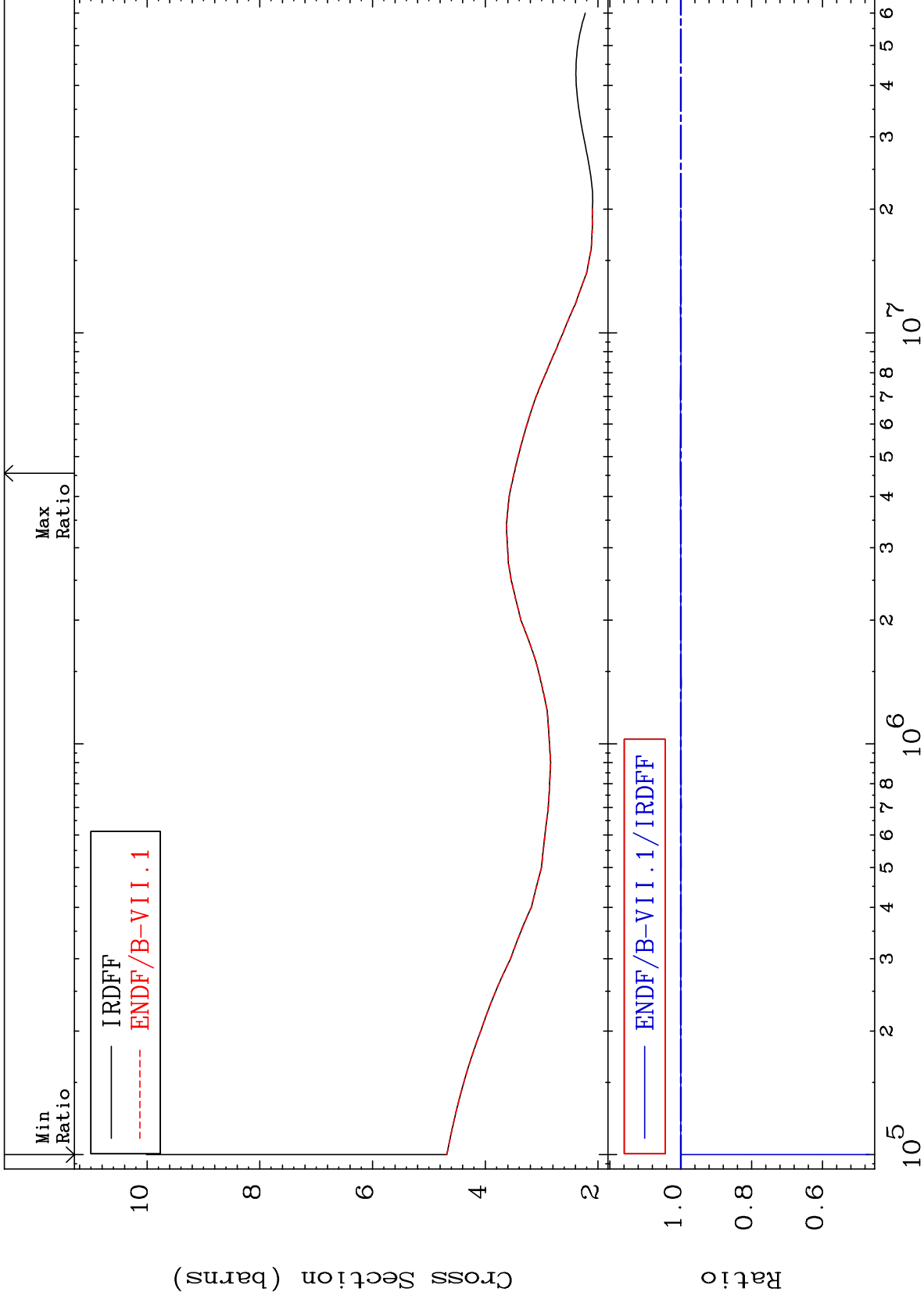
MAT 2125

Total

21-Sc-45

Cross Section

-50.41 To 0.122 %



24

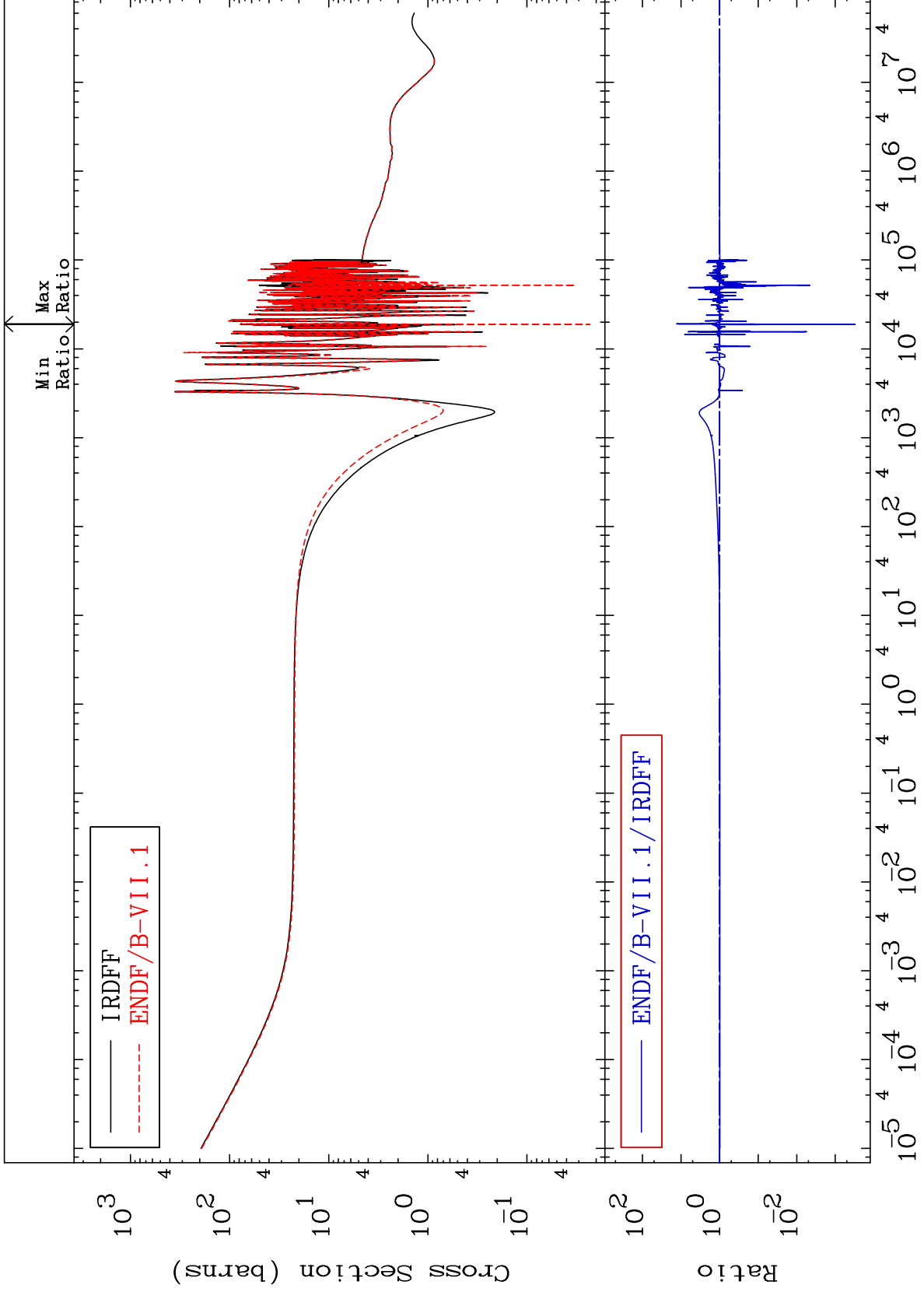
Incident Energy (eV)

21-Sc-45

MAT 2125

Elastic
Cross Section

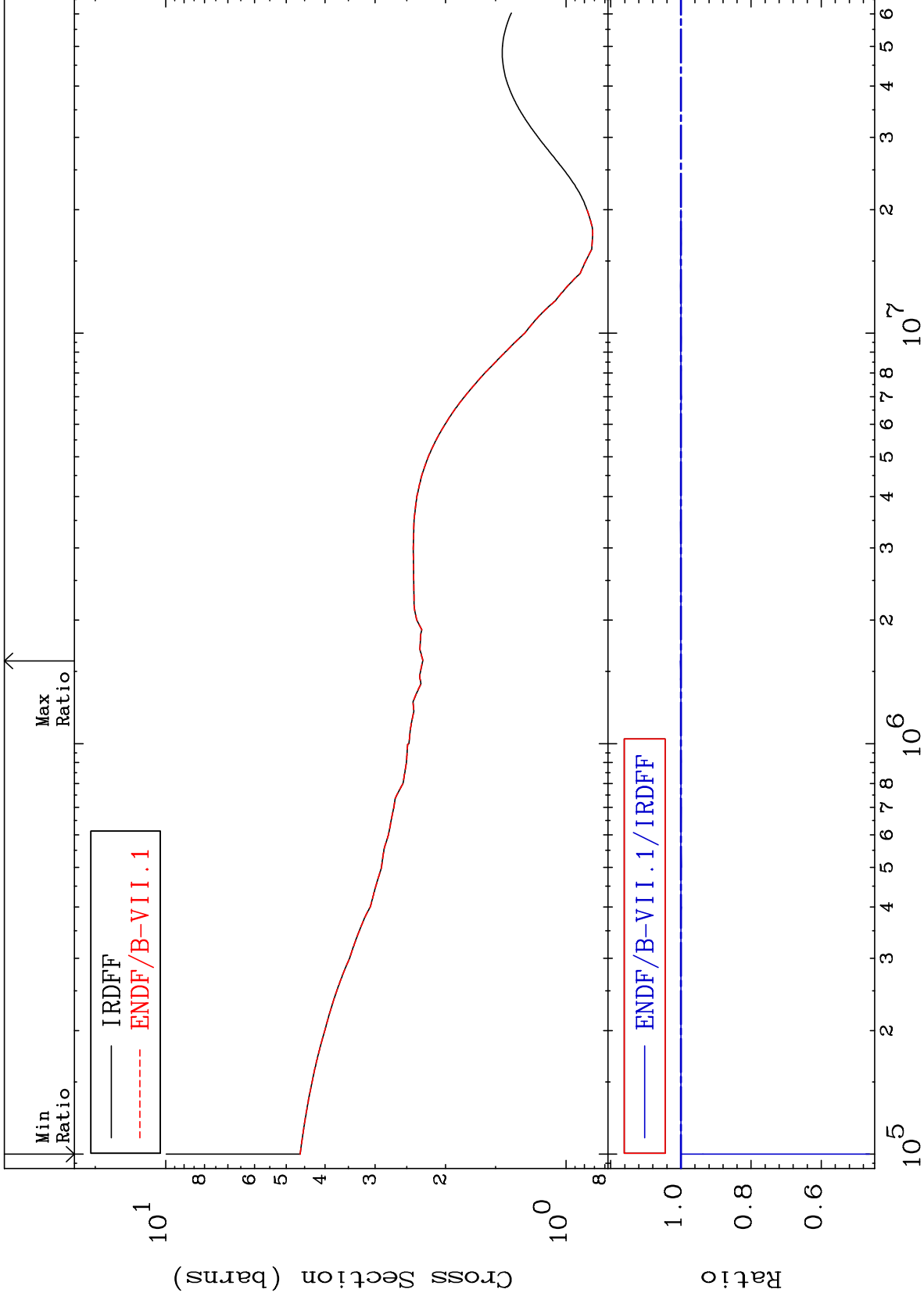
21-Sc-45
-99.97 To 1175. %



MAT 2125

Elastic
Cross Section

21-Sc-45
-50.88 To 0.162 %



26

Incident Energy (eV)

21-Sc-45

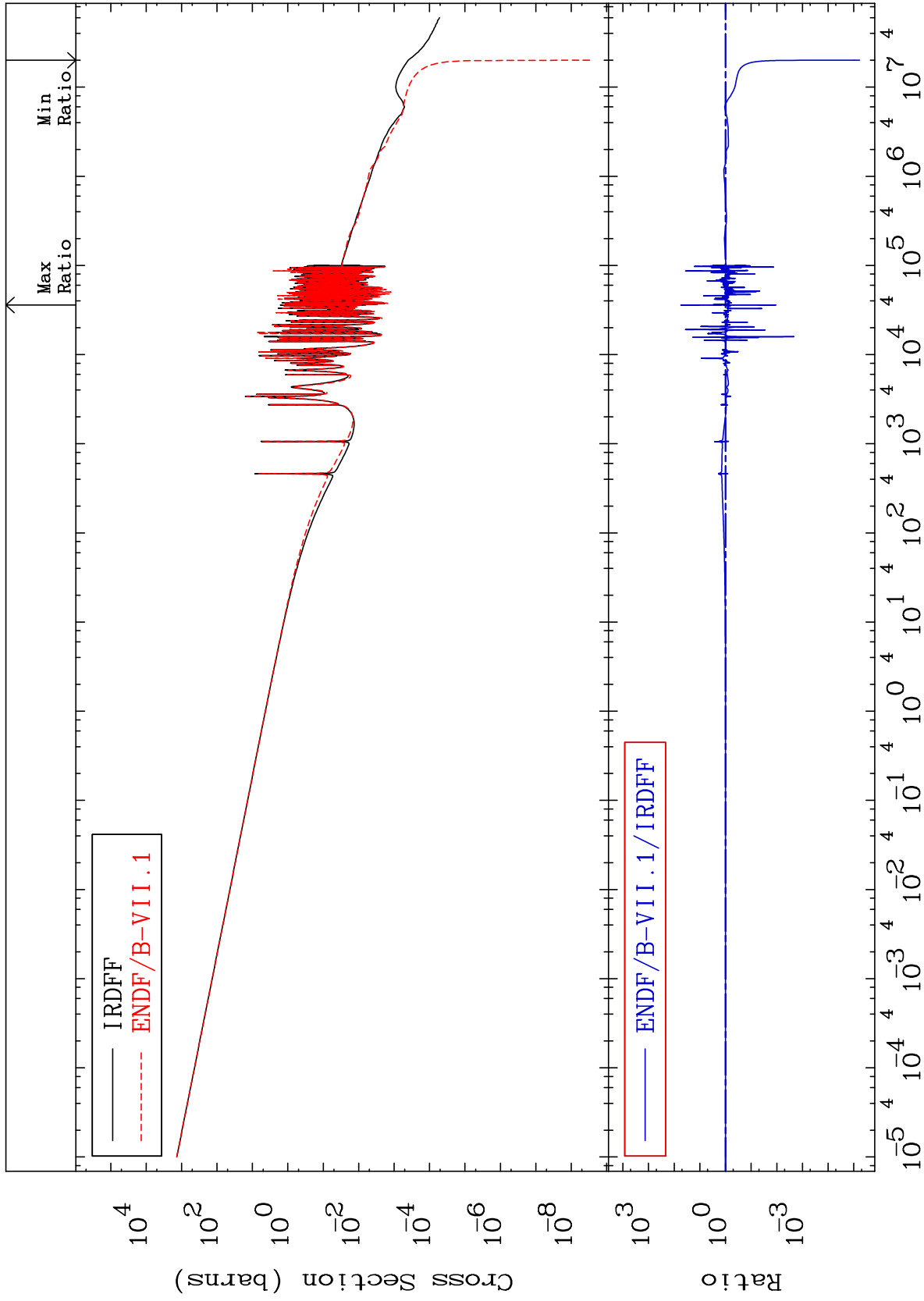
MAT 2125

(n, γ)

21-Sc-45

Cross Section

-100.00To 5450. %



27

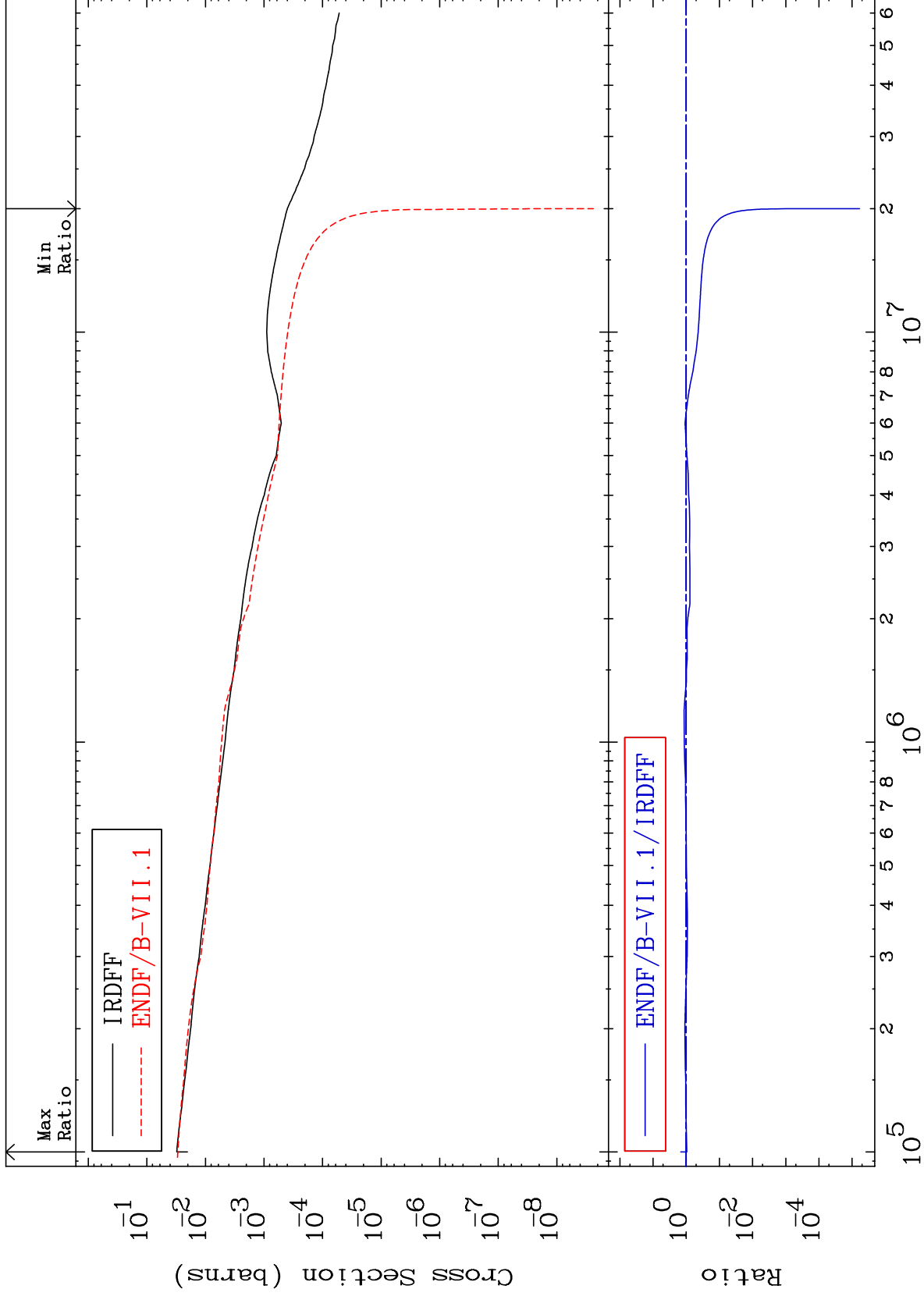
Incident Energy (eV)

21-Sc-45

MAT 2125

(n, γ)
Cross Section

21-Sc-45
-100.00To 45.83 %



28

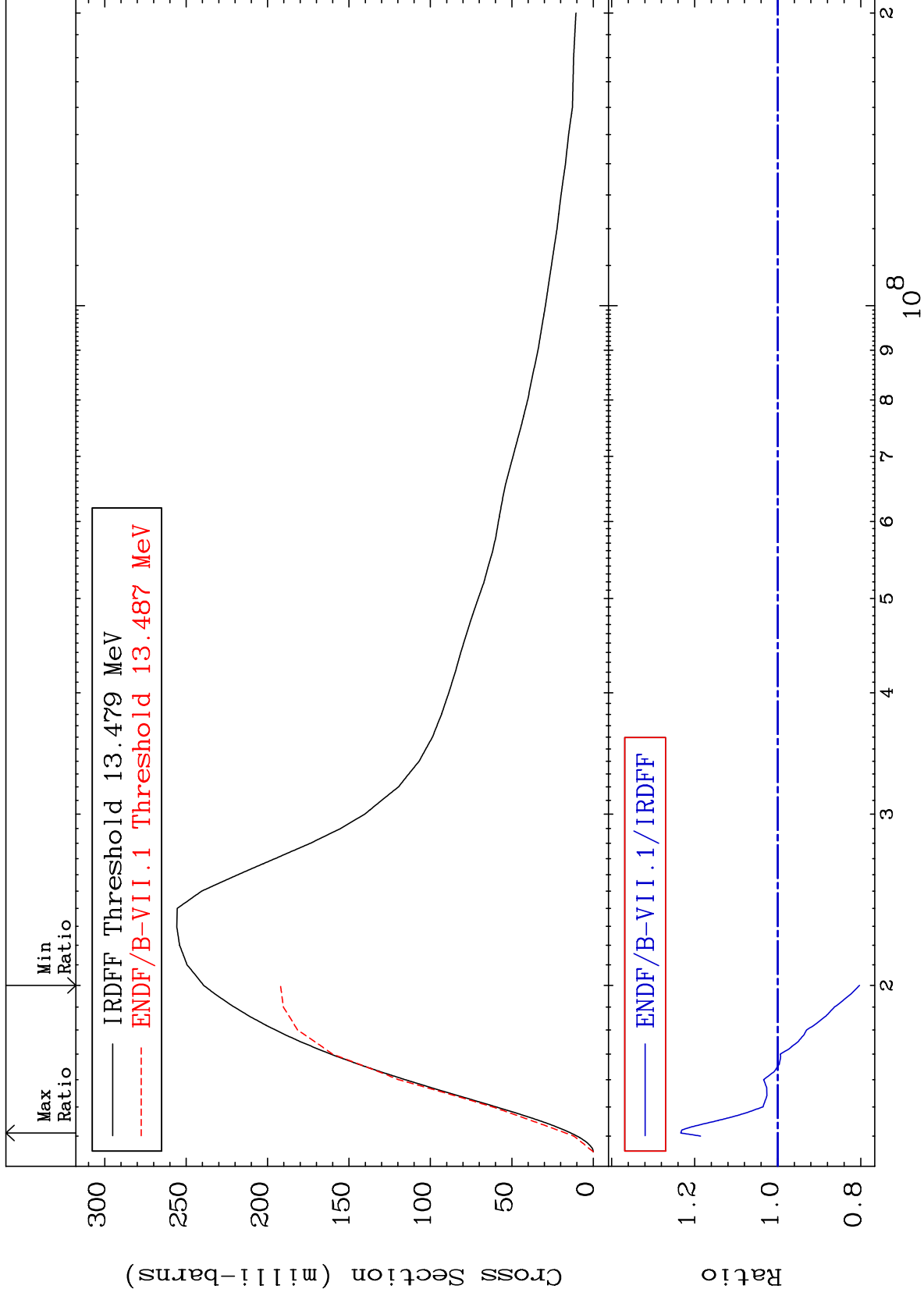
Incident Energy (eV)

21-Sc-45

MAT 2225

(n,2n)
Cross Section

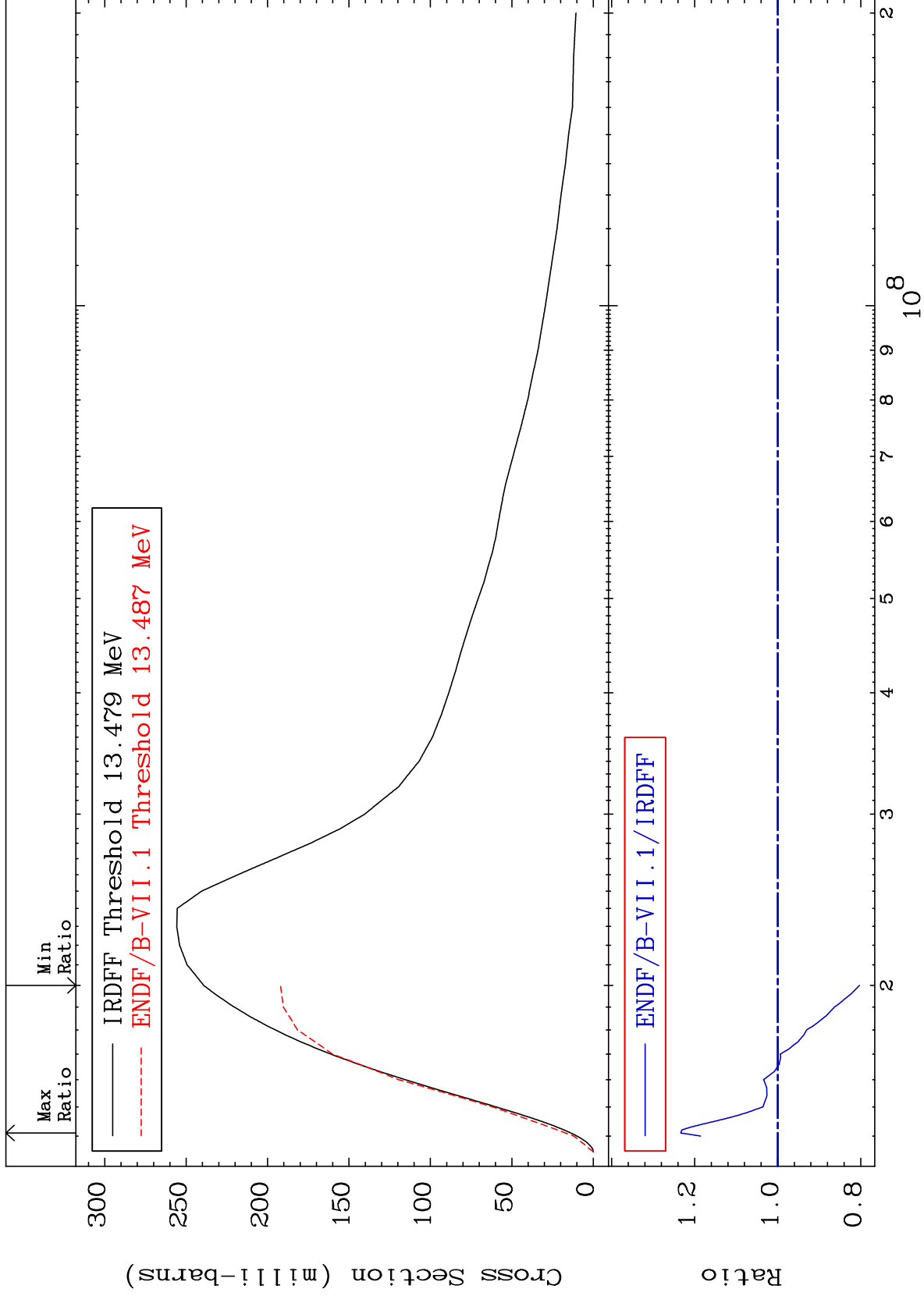
22-Ti-46
-19.71 To 23.35 %



MAT 2225

(n,2n)
Cross Section

22-Ti-46
-19.71 To 23.35 %



30

Incident Energy (eV)

22-Ti-46

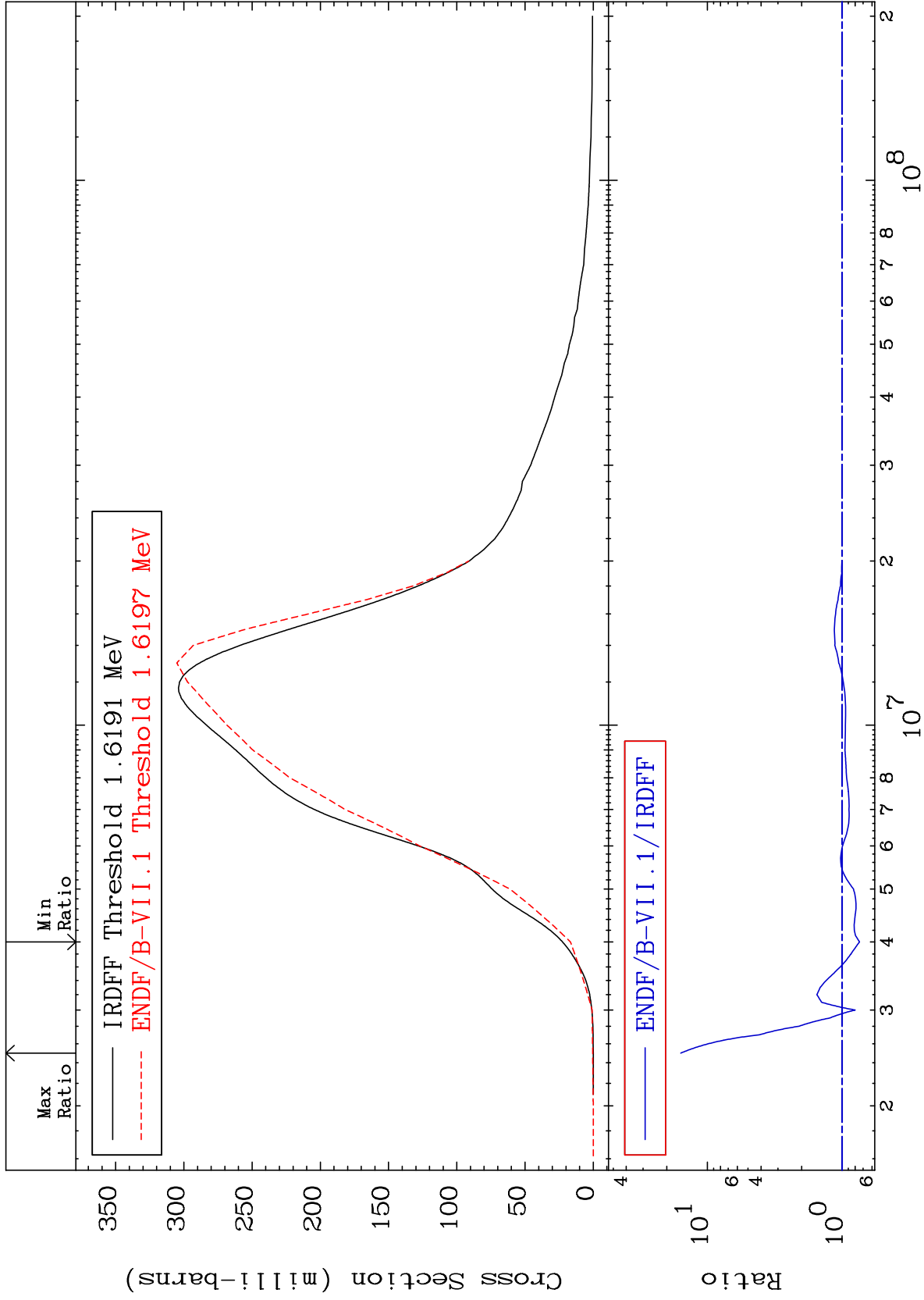
MAT 2225

(n,p)

²²Ti-46

Cross Section

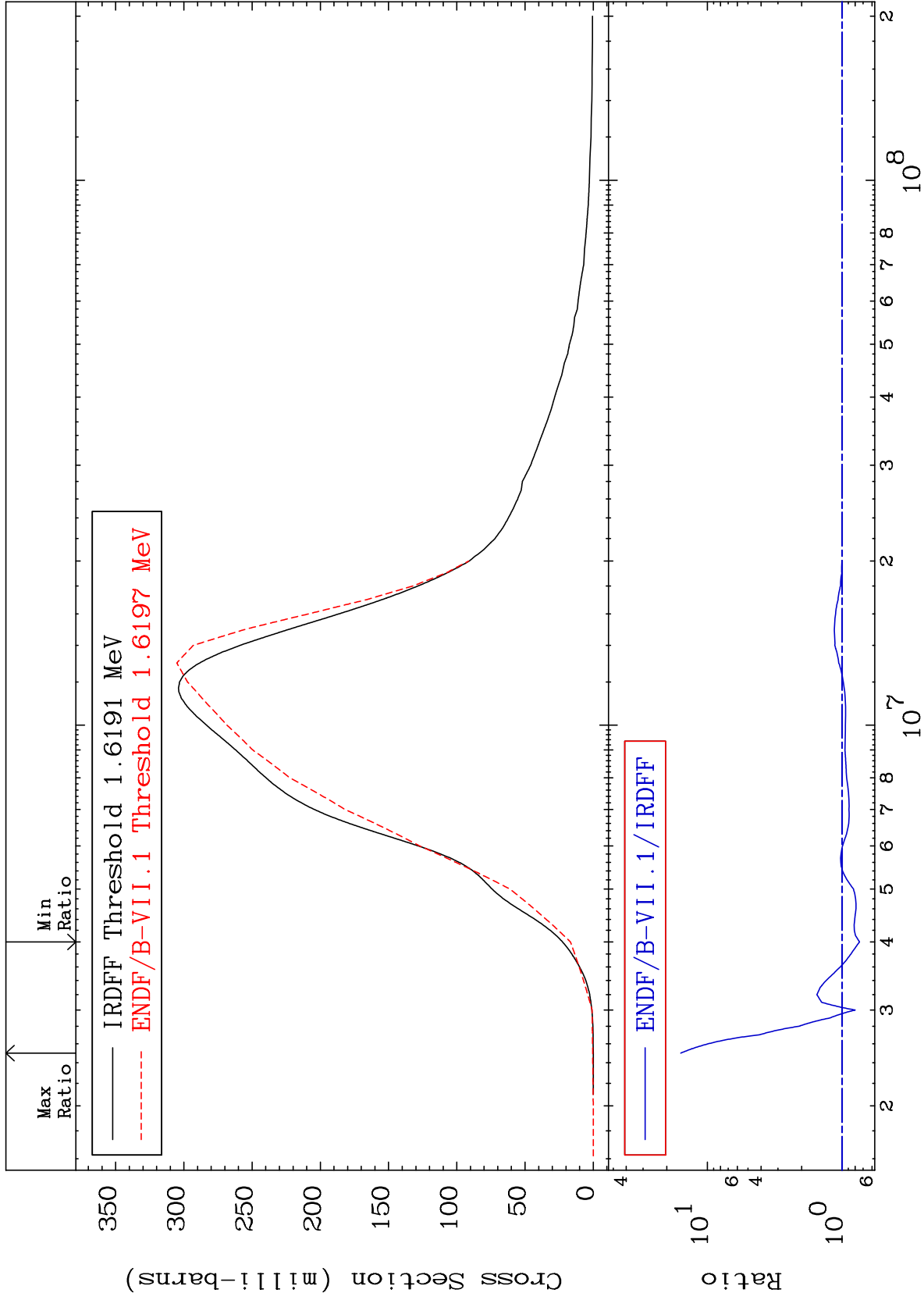
-25.73 To 1476. %



MAT 2225

(n,p)
Cross Section

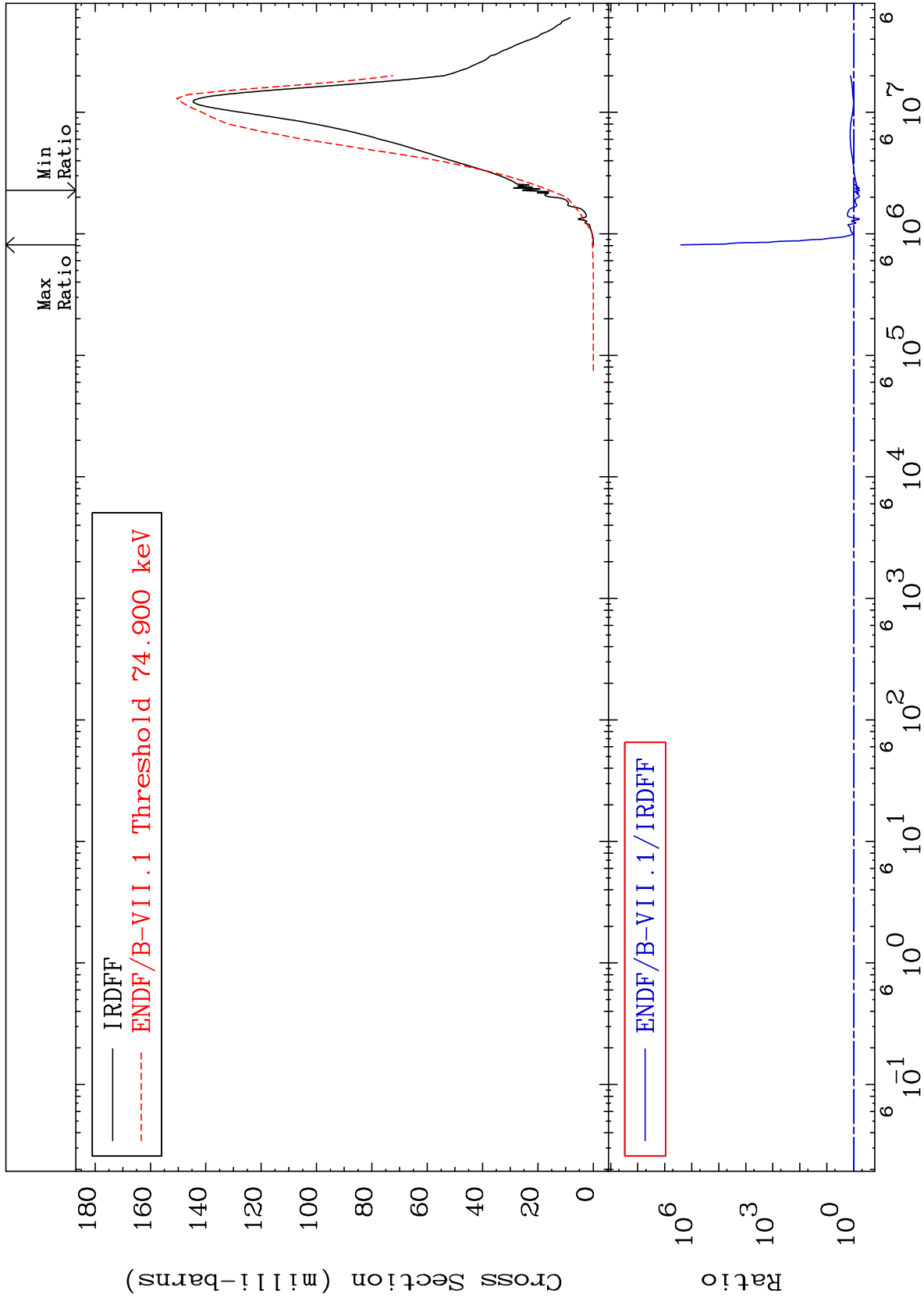
22-Ti-46
-25.73 To 1476. %



MAT 2228

(n,p)
Cross Section

22-Ti-47
-38.43 To 9999. %



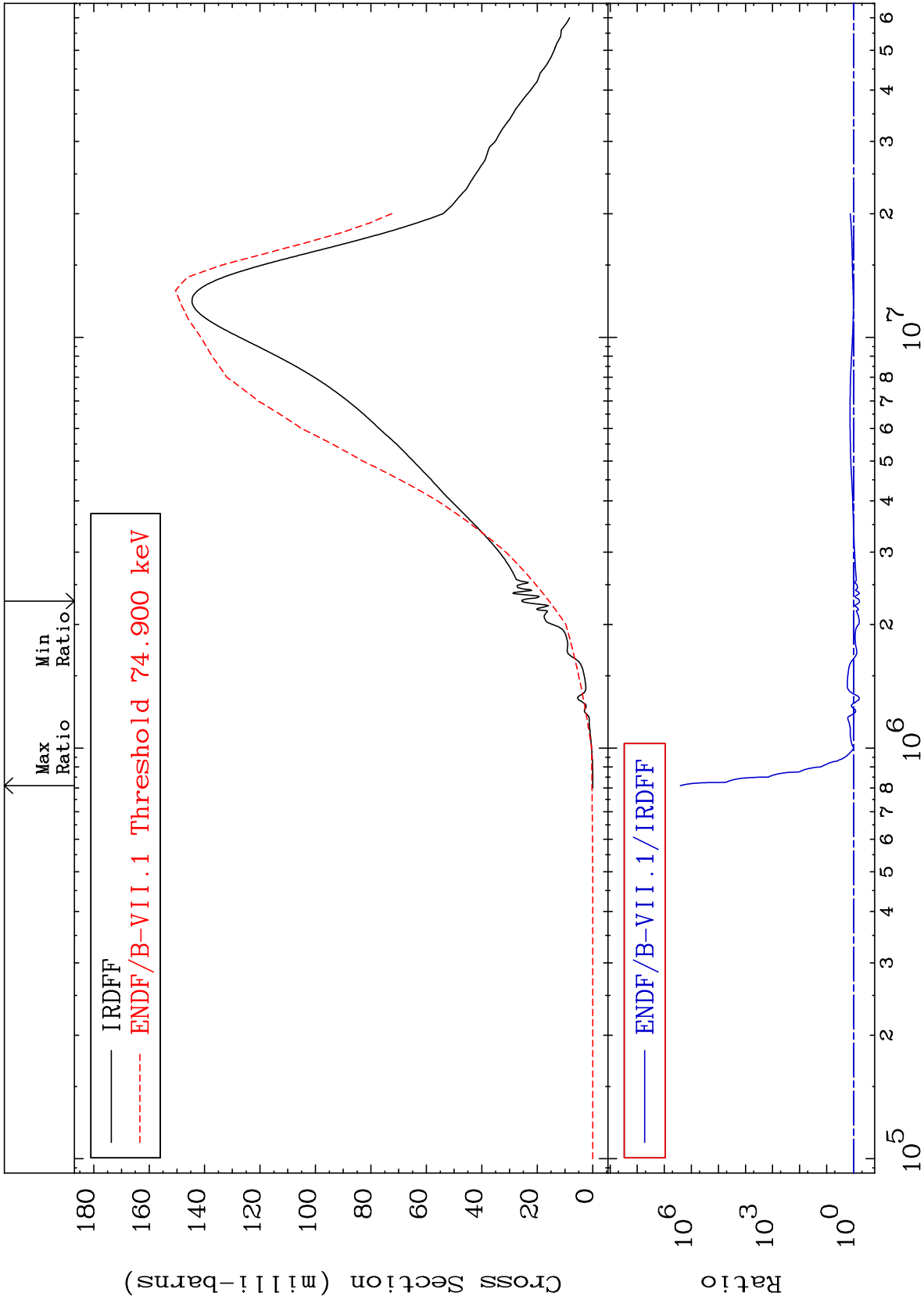
MAT 2228

(n,p)

²²Ti-47

Cross Section

-38.43 To 9999. %



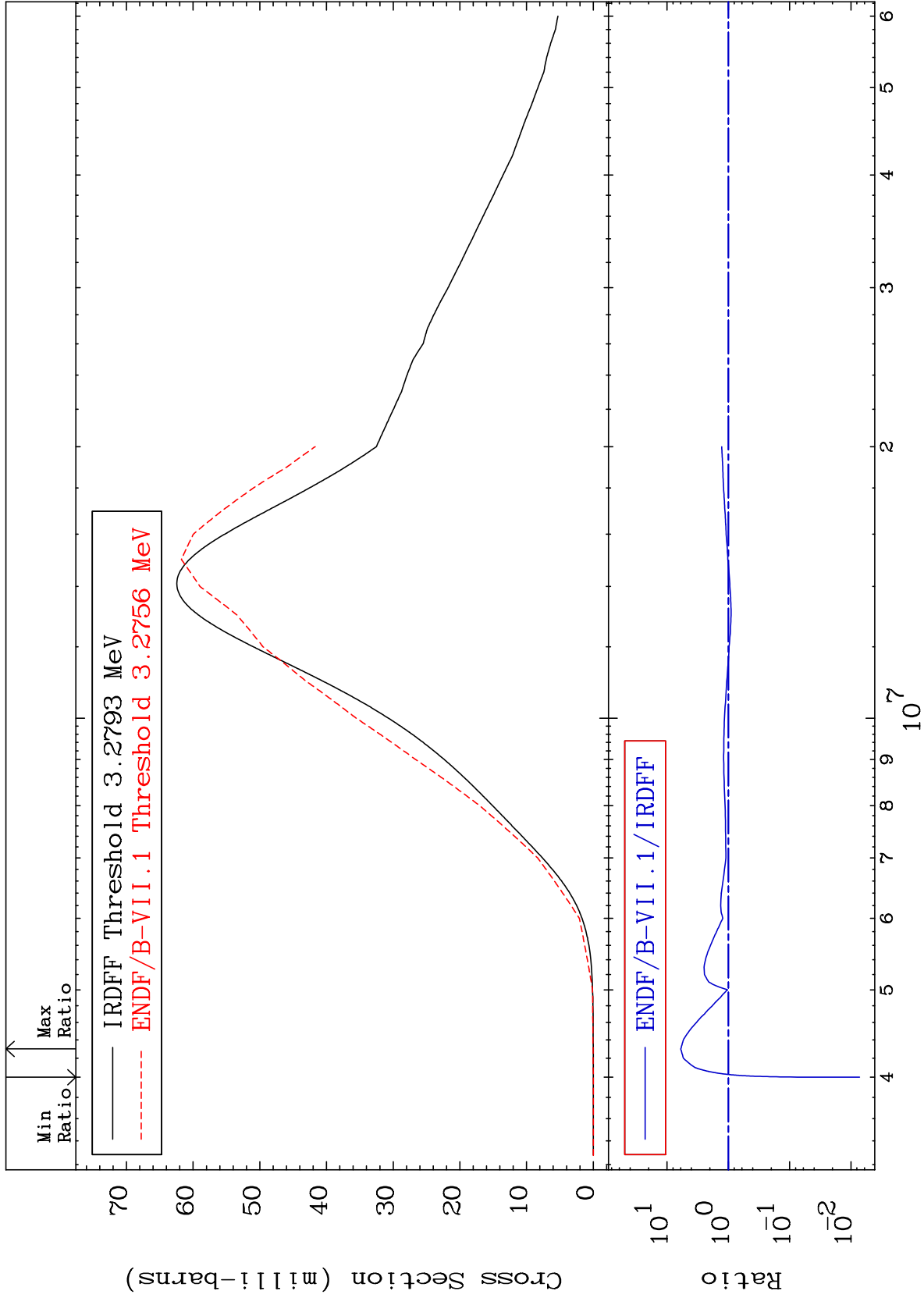
MAT 2231

(n,p)

²²Ti-48

Cross Section

-99.28 To 497.2 %



35

Incident Energy (eV)

²²Ti-48

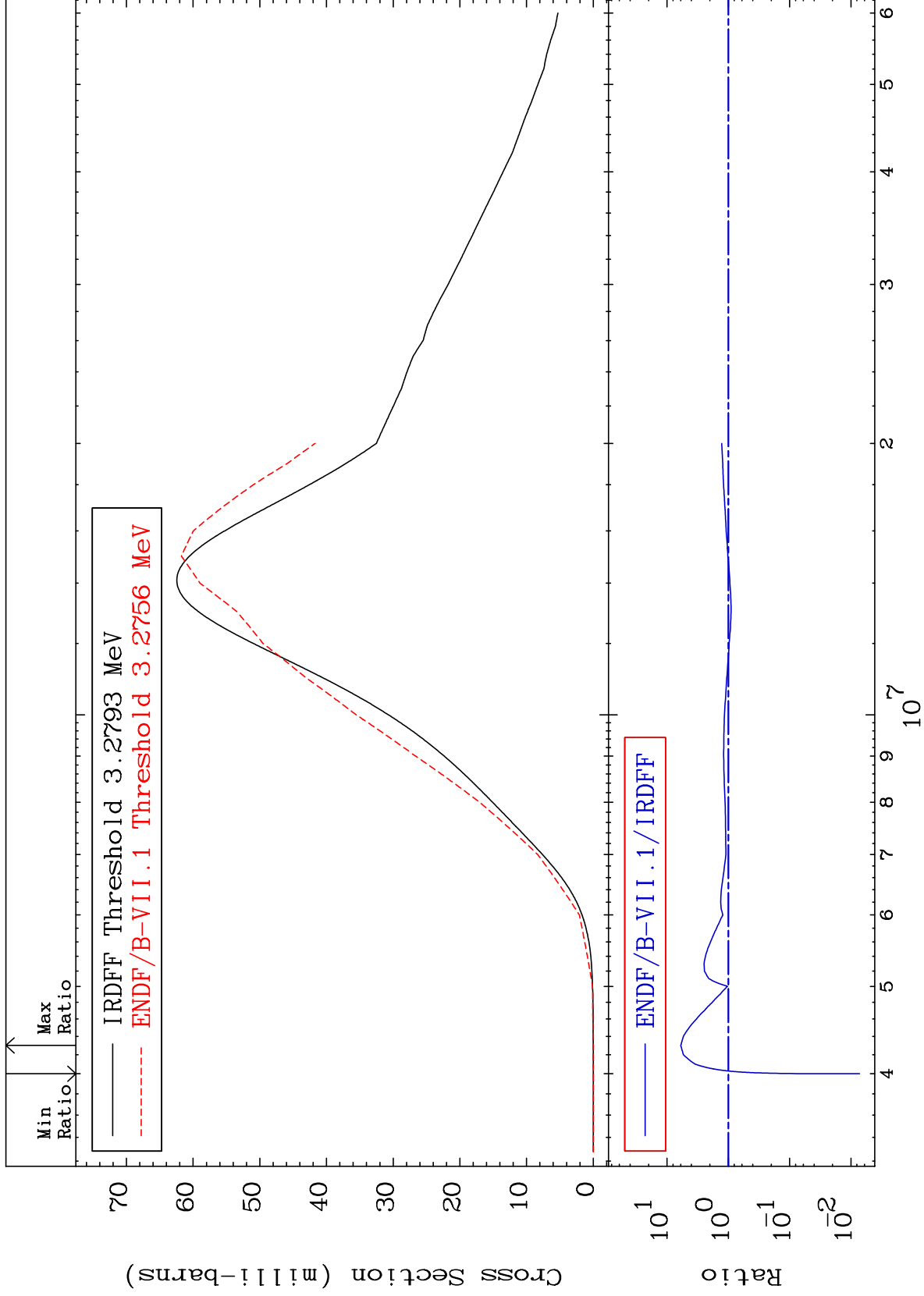
MAT 2231

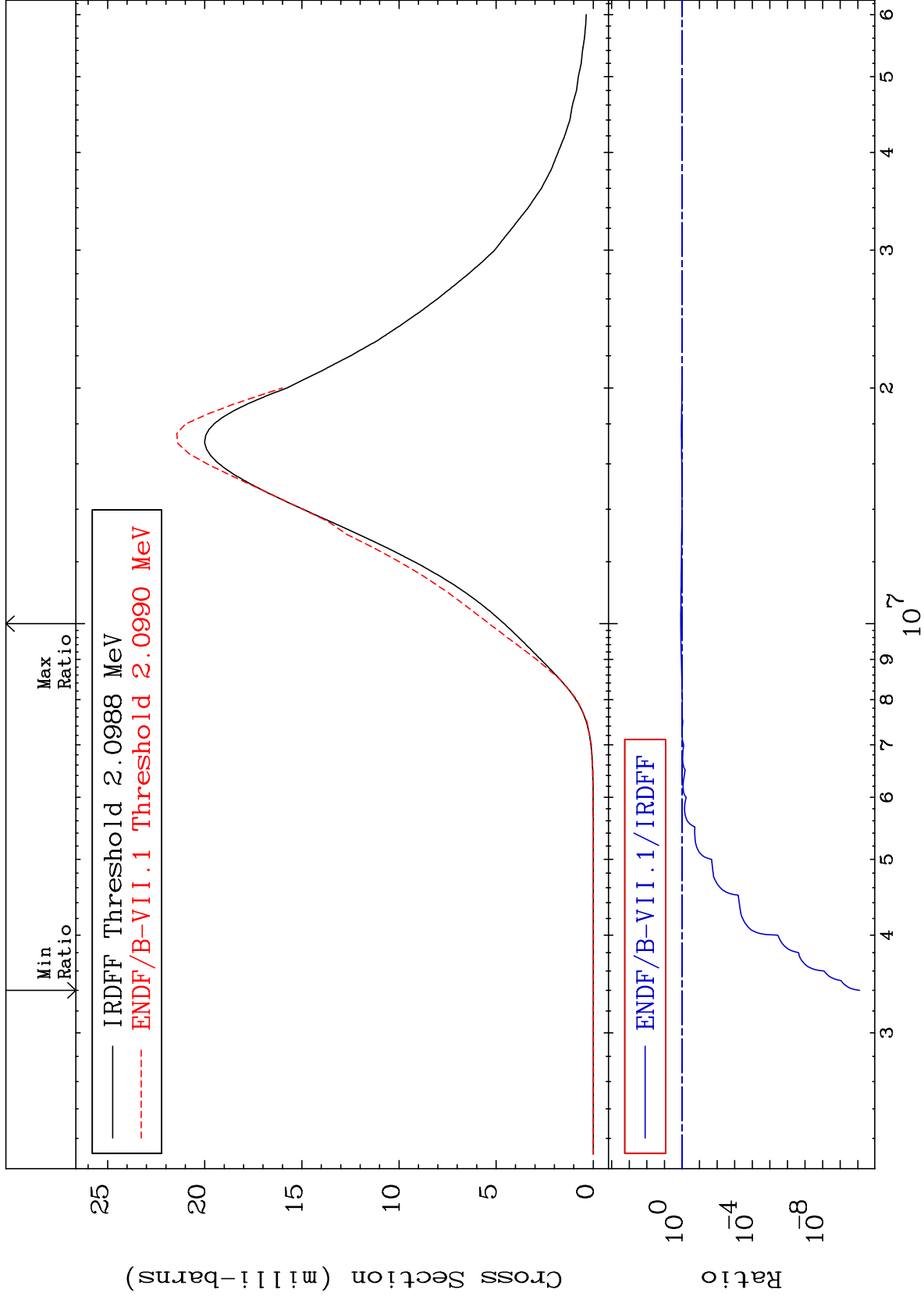
(n,p)

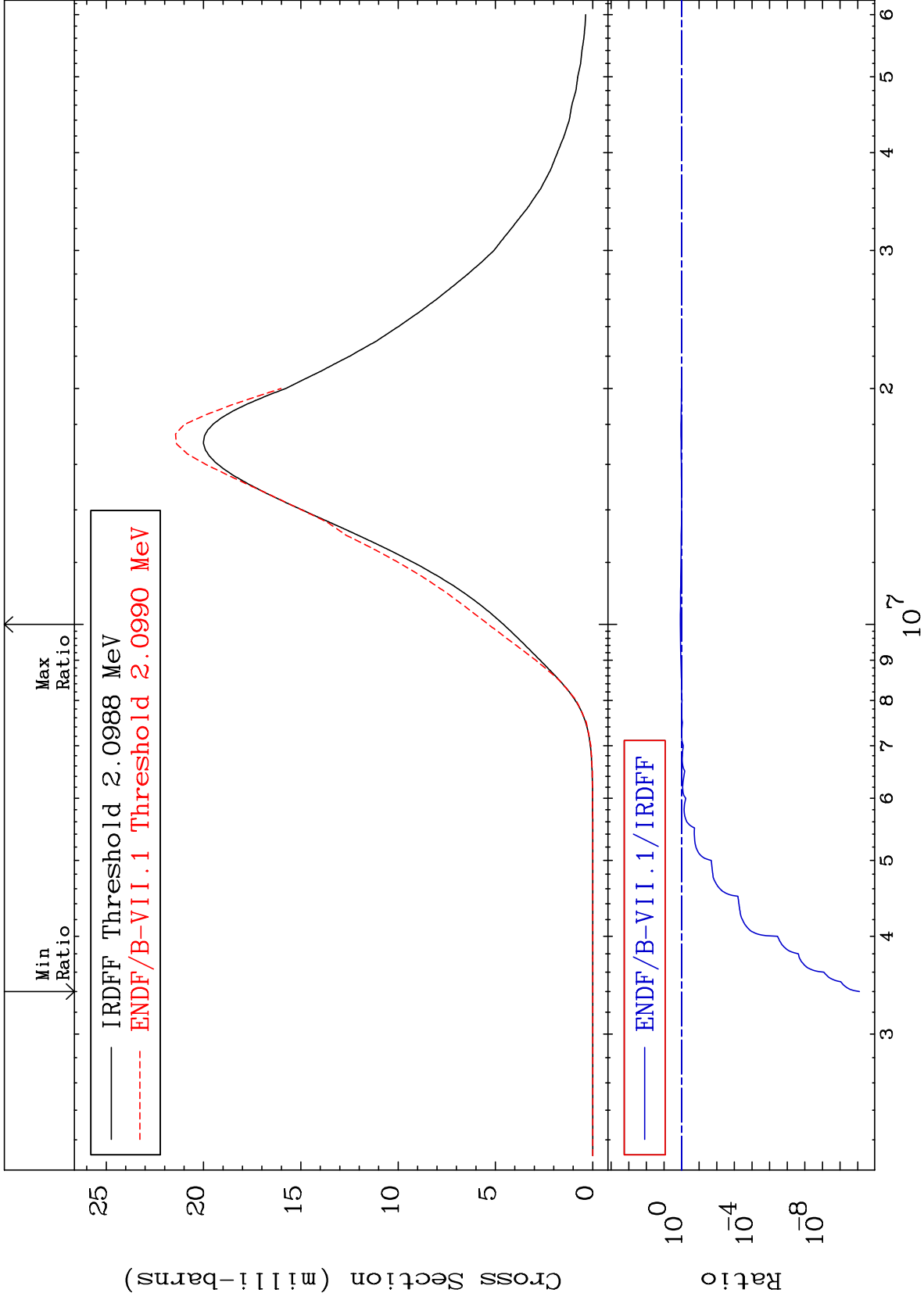
²²Ti-48

Cross Section

-99.28 To 497.2 %



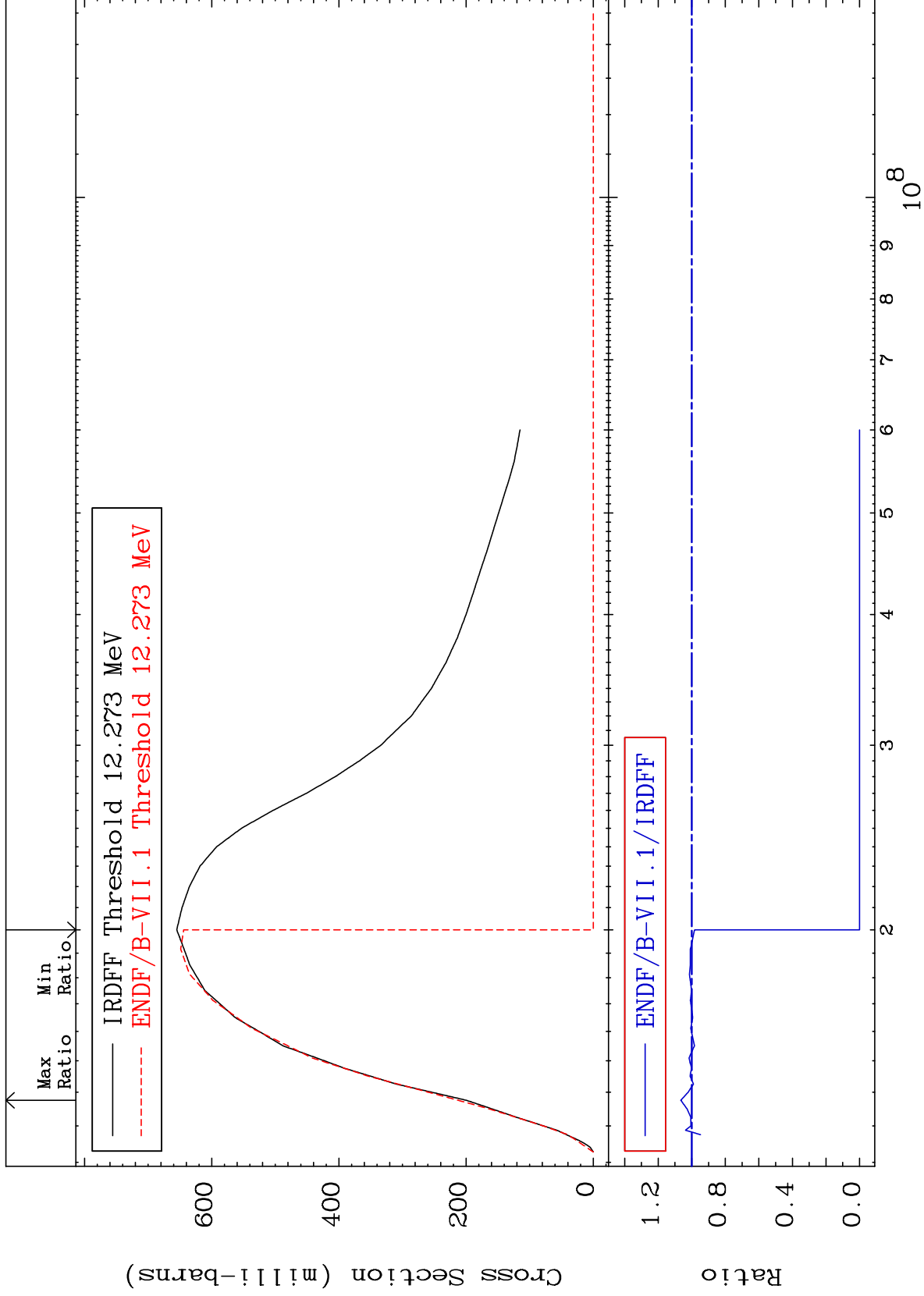




MAT 2431

(n,2n)
Cross Section

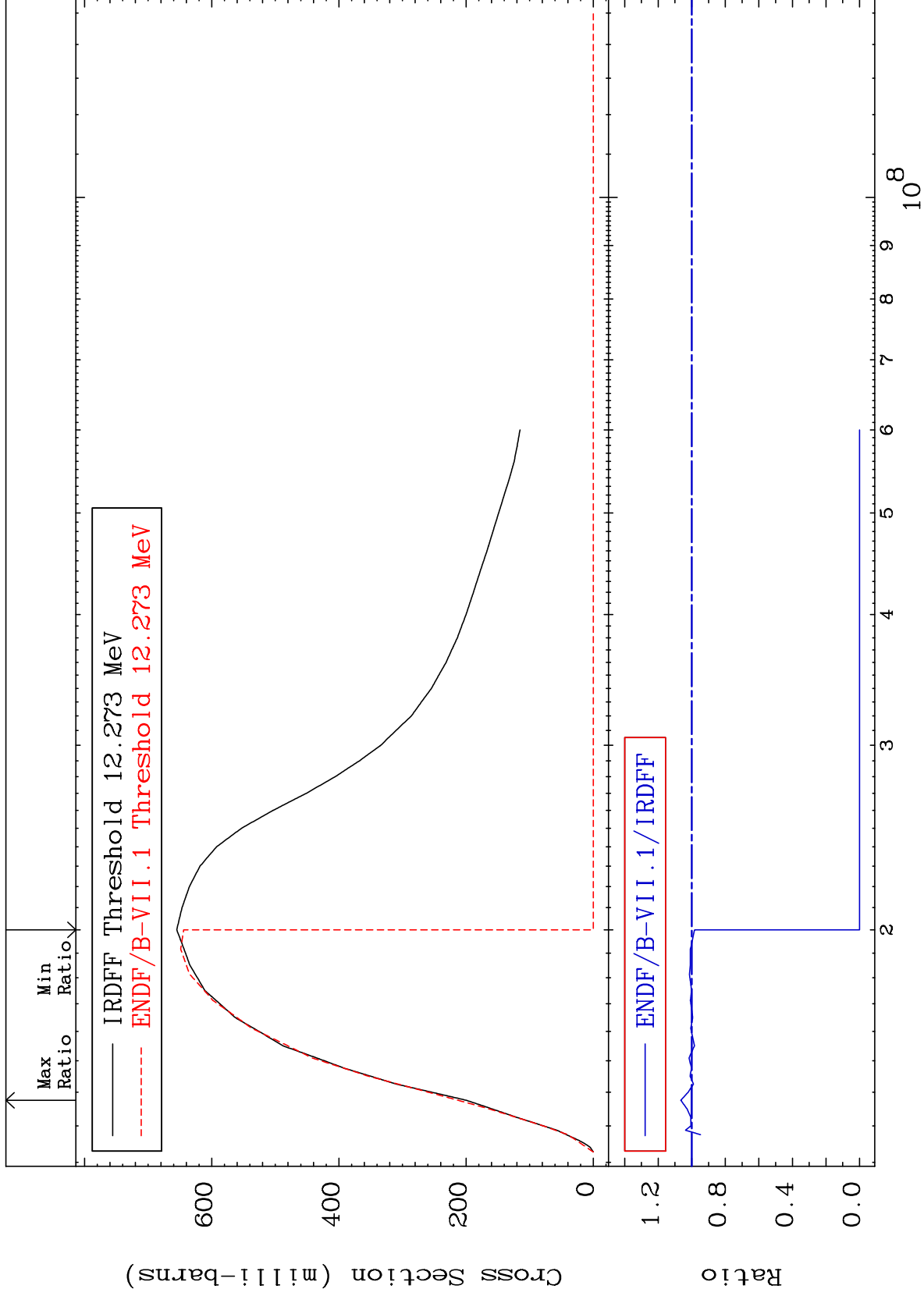
²⁴Cr-52
-100.0 To 6.559 %



MAT 2431

(n,2n)
Cross Section

²⁴Cr-52
-100.0 To 6.559 %



40

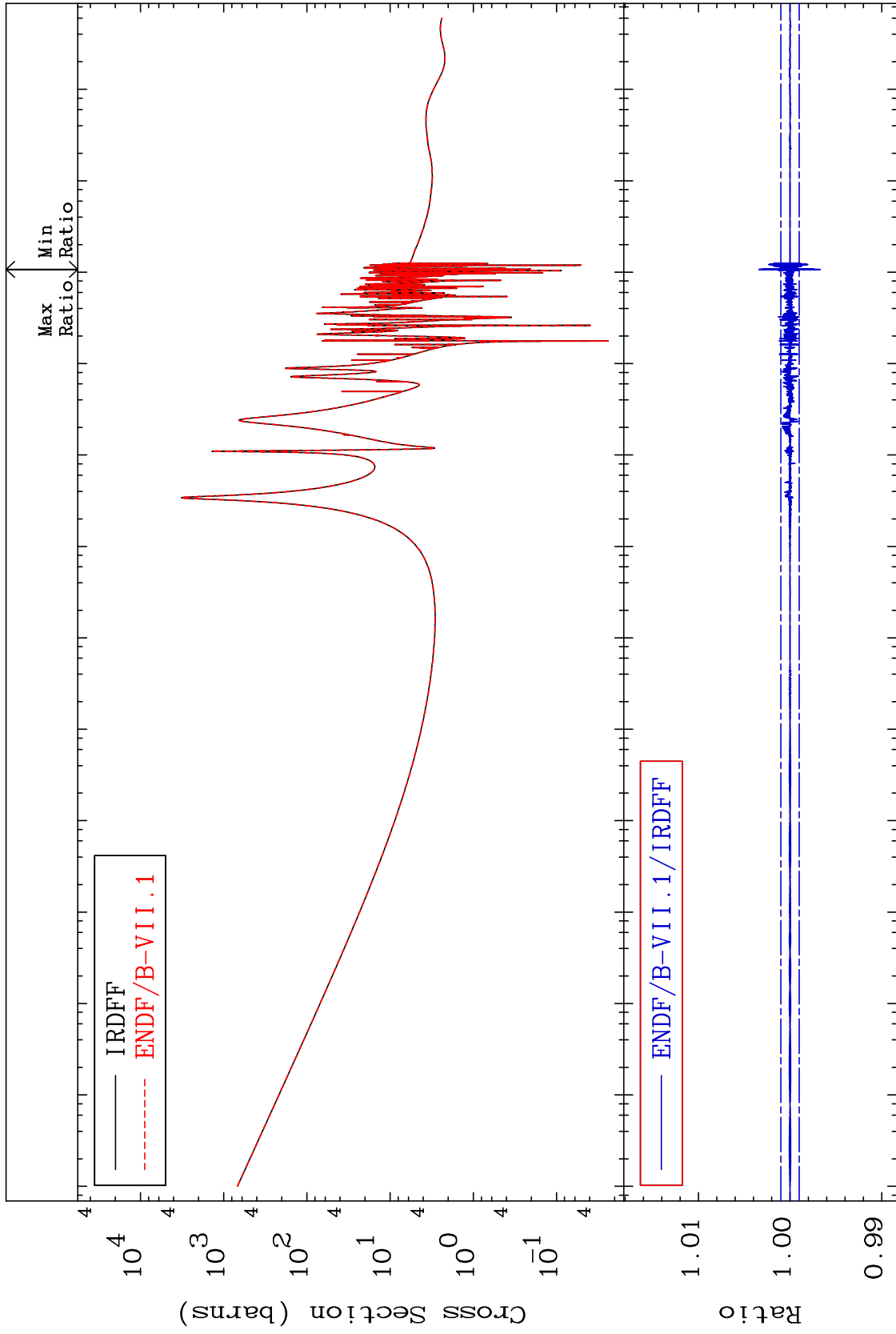
Incident Energy (eV)

²⁴Cr-52

MAT 2525

Total
Cross Section

25-Mn-55
-0.327 To 0.339 %



Incident Energy (eV)

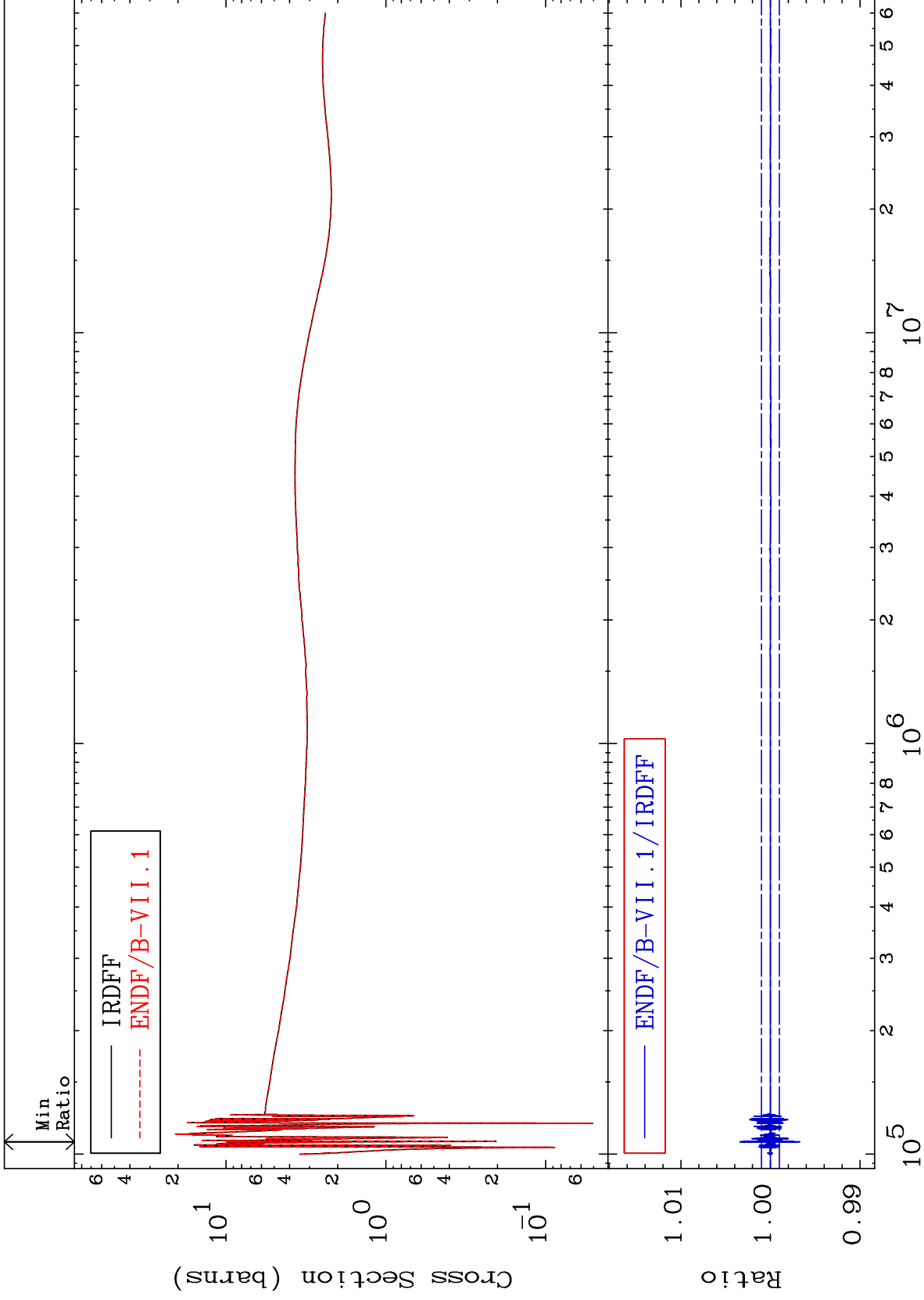
25-Mn-55

41

MAT 2525

Total
Cross Section

25-Mn-55
-0.327 To 0.339 %



Incident Energy (eV)

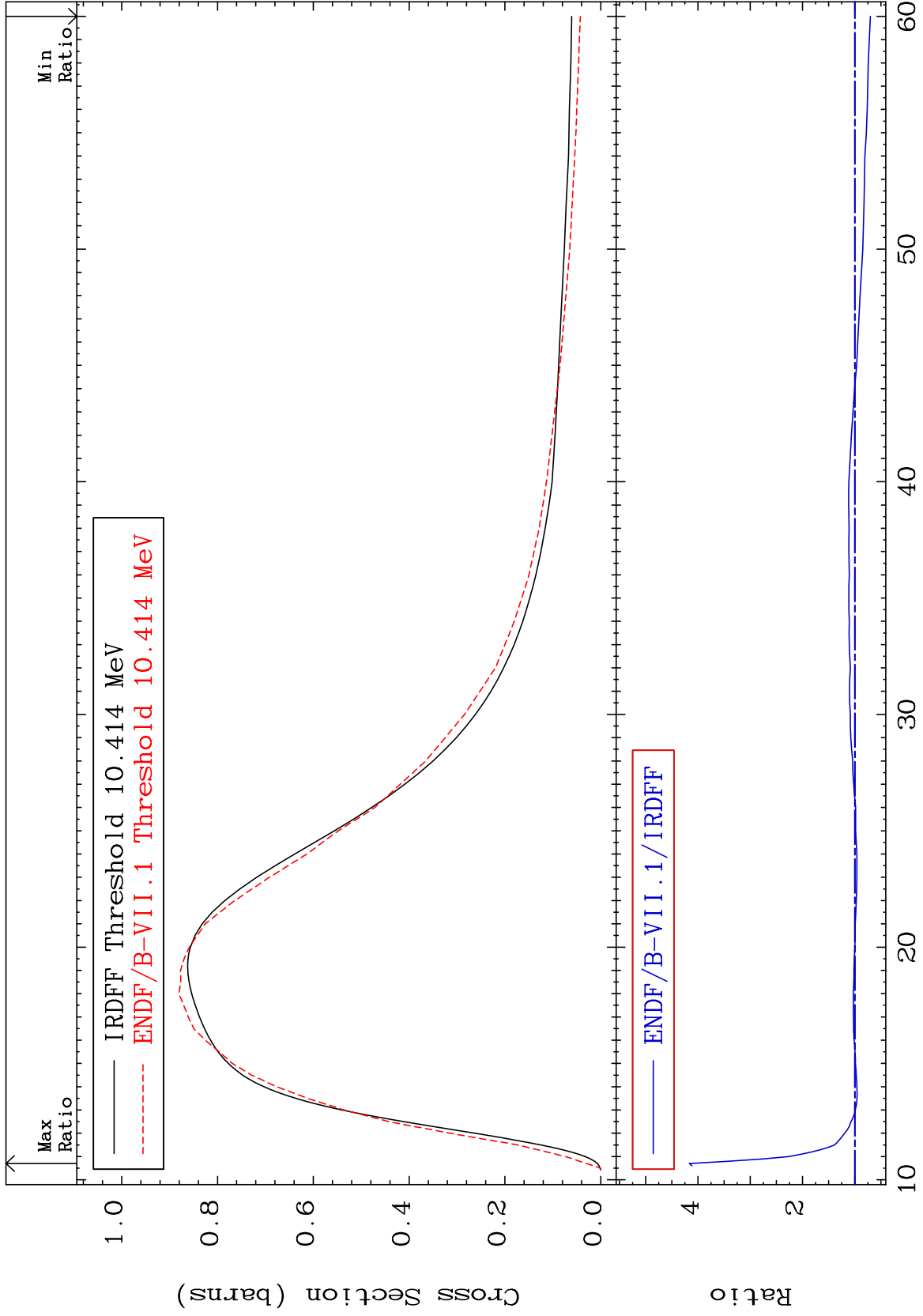
25-Mn-55

42

MAT 2525

(n,2n)
Cross Section

25-Mn-55
-29.68 To 316.6 %



43

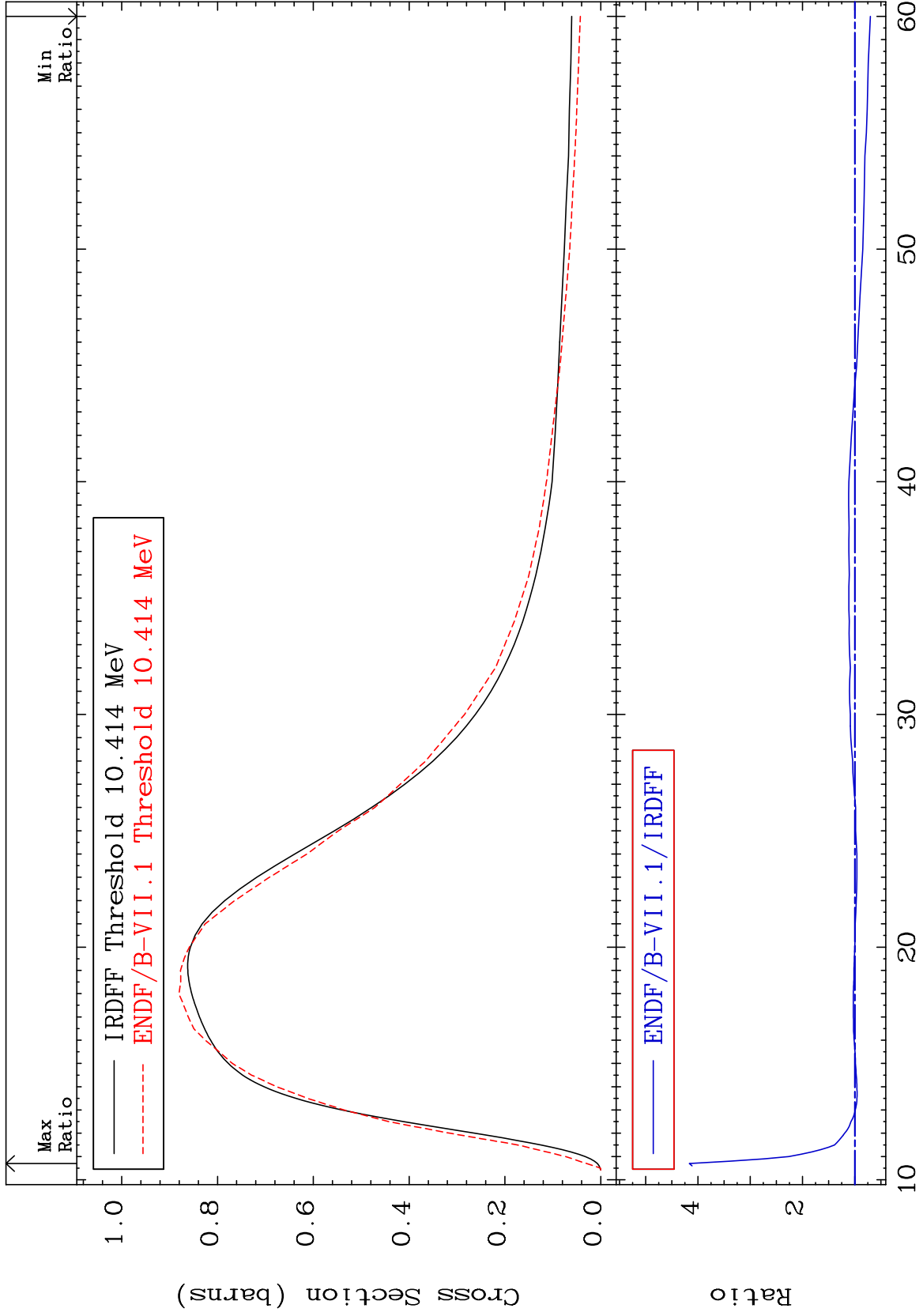
Incident Energy (MeV)

25-Mn-55

MAT 2525

(n,2n)
Cross Section

25-Mn-55
-29.68 To 316.6 %



44

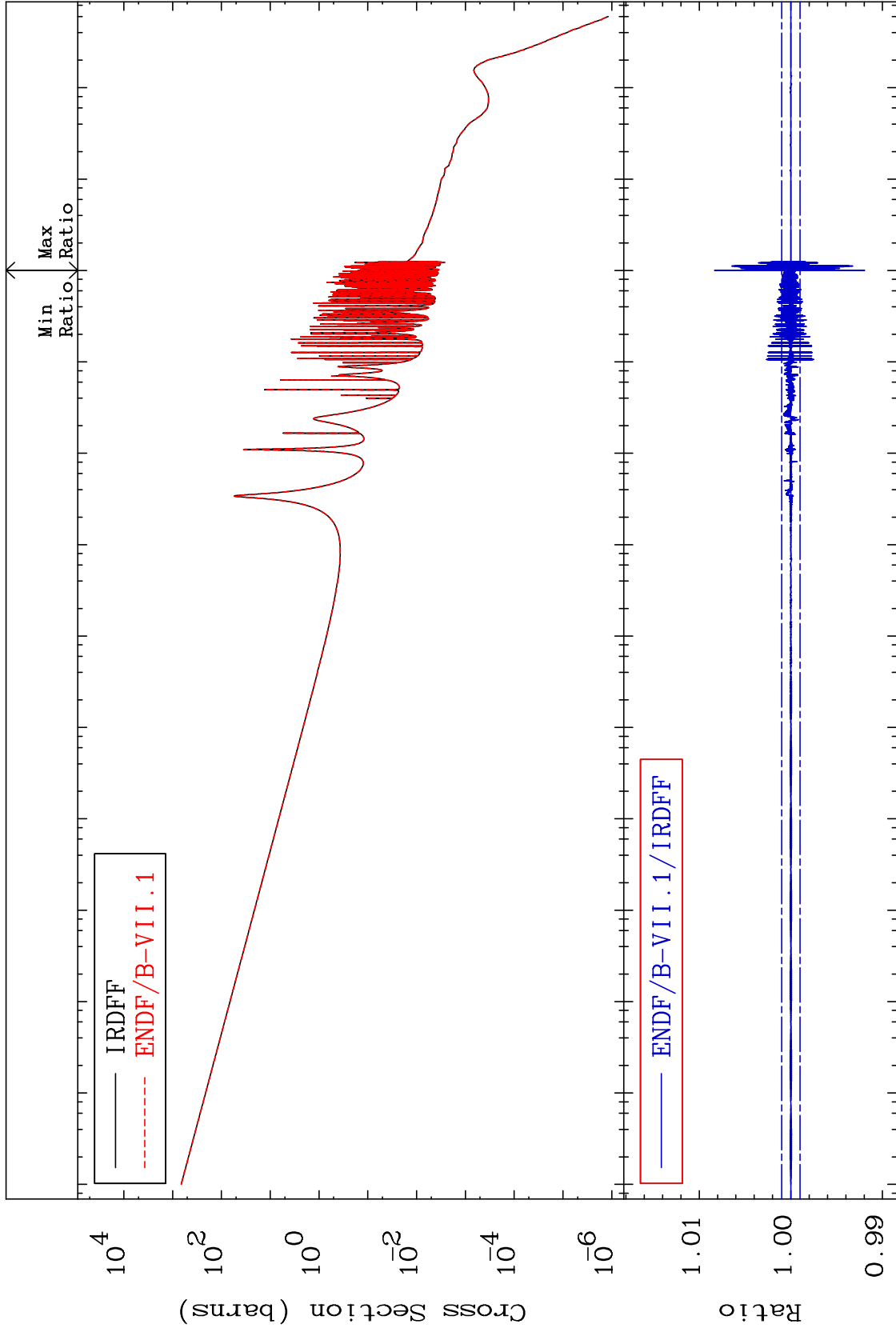
Incident Energy (MeV)

25-Mn-55

MAT 2525

(n, γ)
Cross Section

25-Mn-55
-0.803 To 0.833 %



45

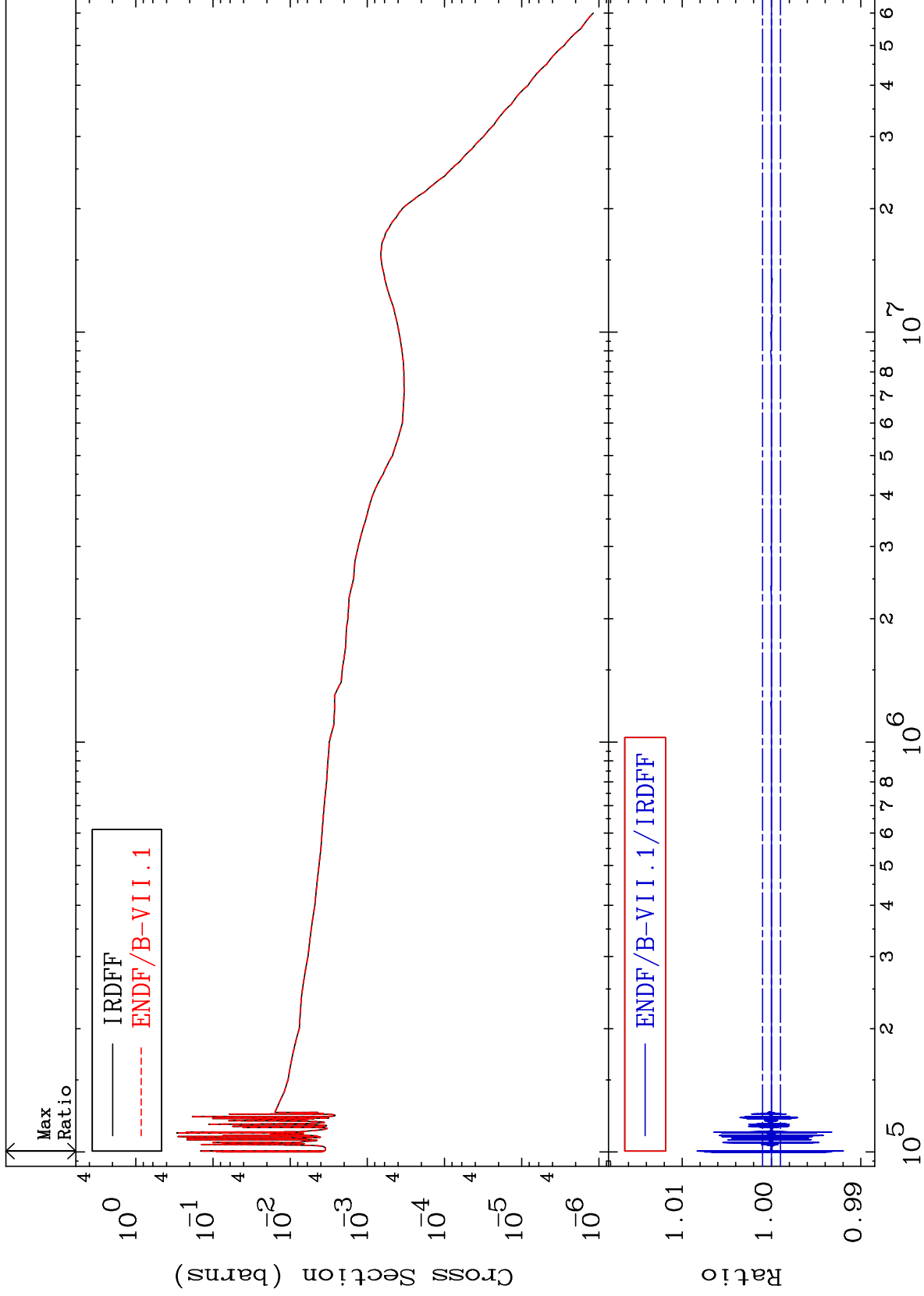
Incident Energy (eV)

25-Mn-55

MAT 2525

(n, γ)
Cross Section

25-Mn-55
-0.803 To 0.833 %



46

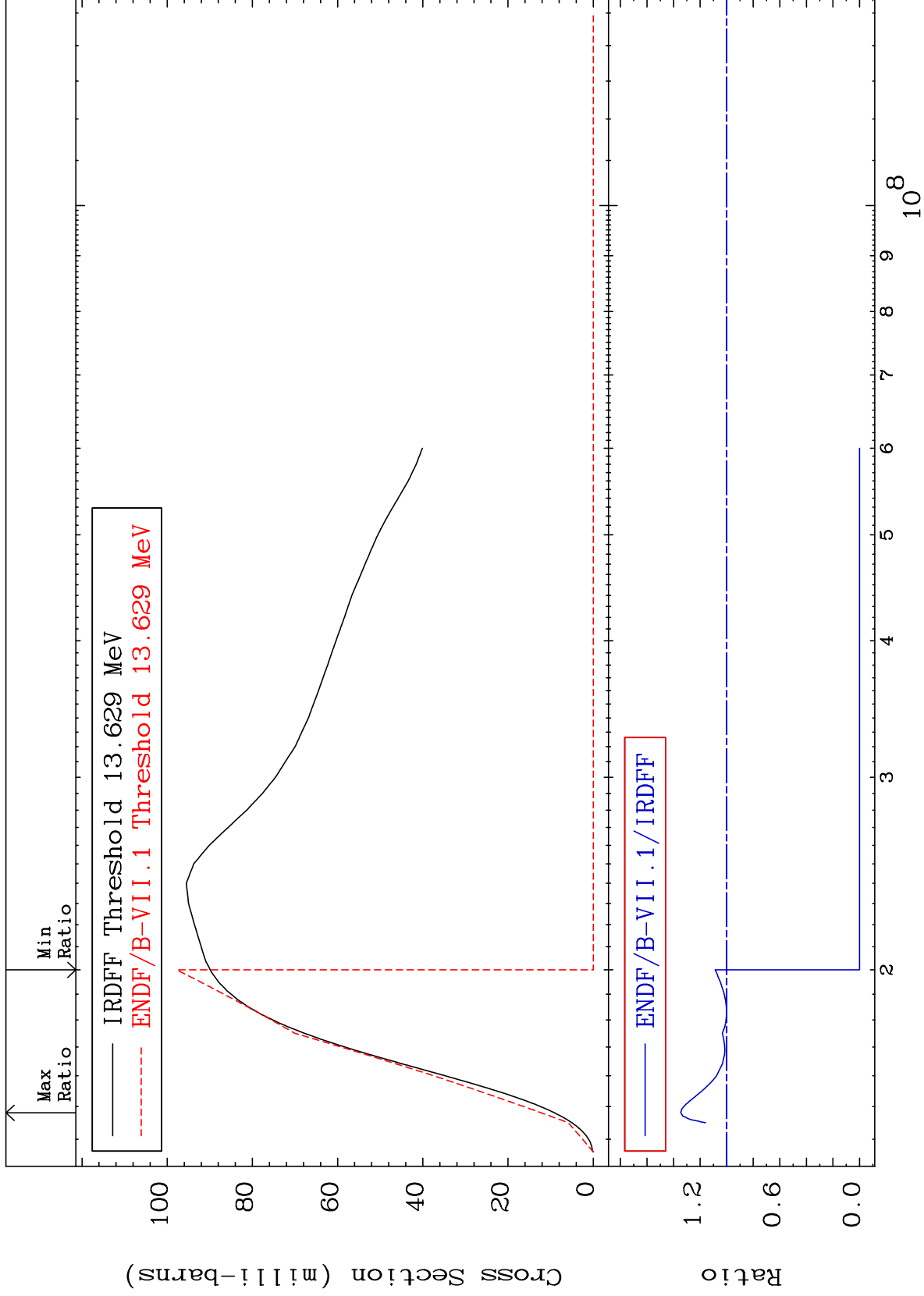
Incident Energy (eV)

25-Mn-55

MAT 2625

(n,2n)
Cross Section

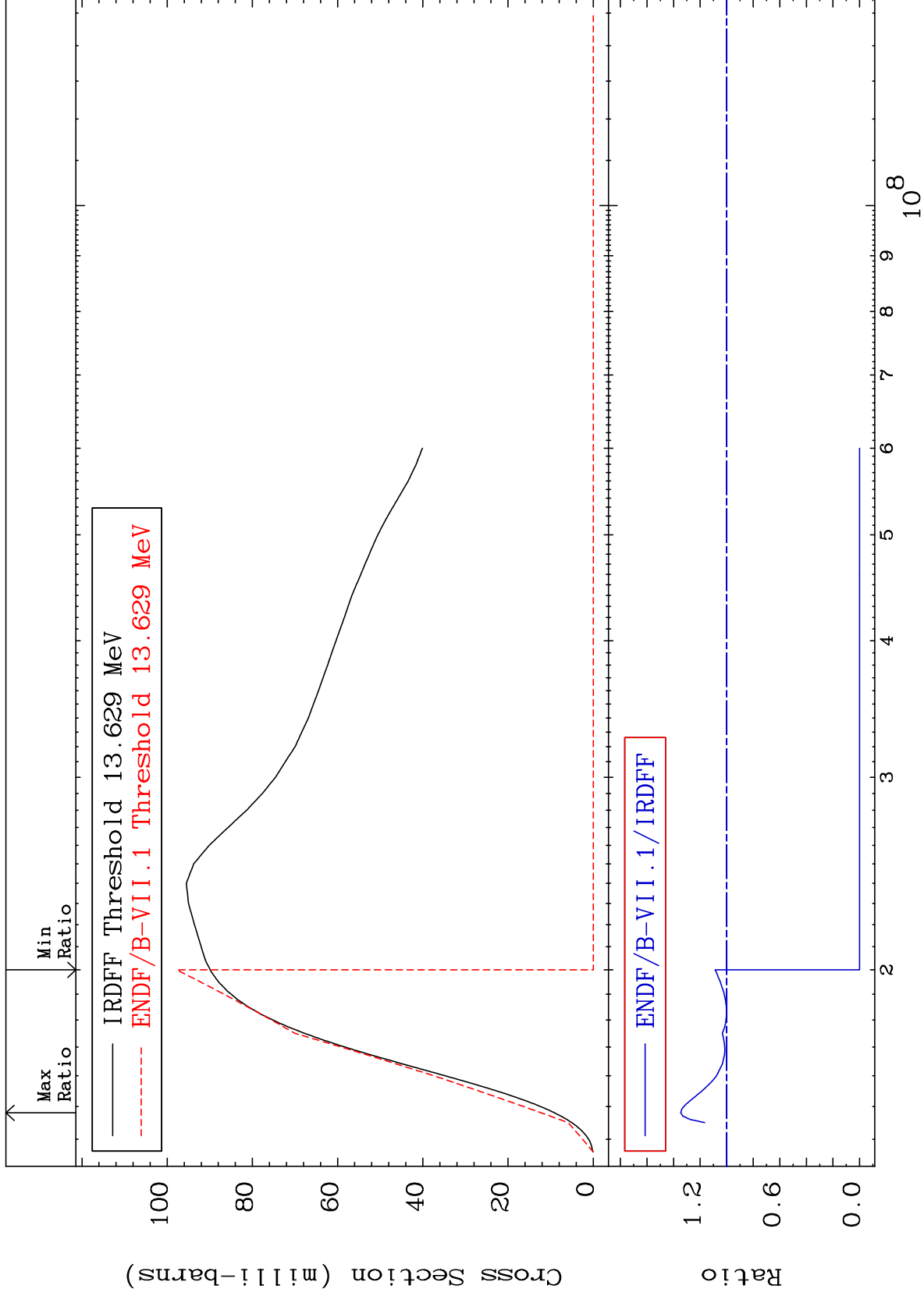
²⁶Fe-54
-100.0 To 34.57 %



MAT 2625

(n,2n)
Cross Section

²⁶Fe-54
-100.0 To 34.57 %



48

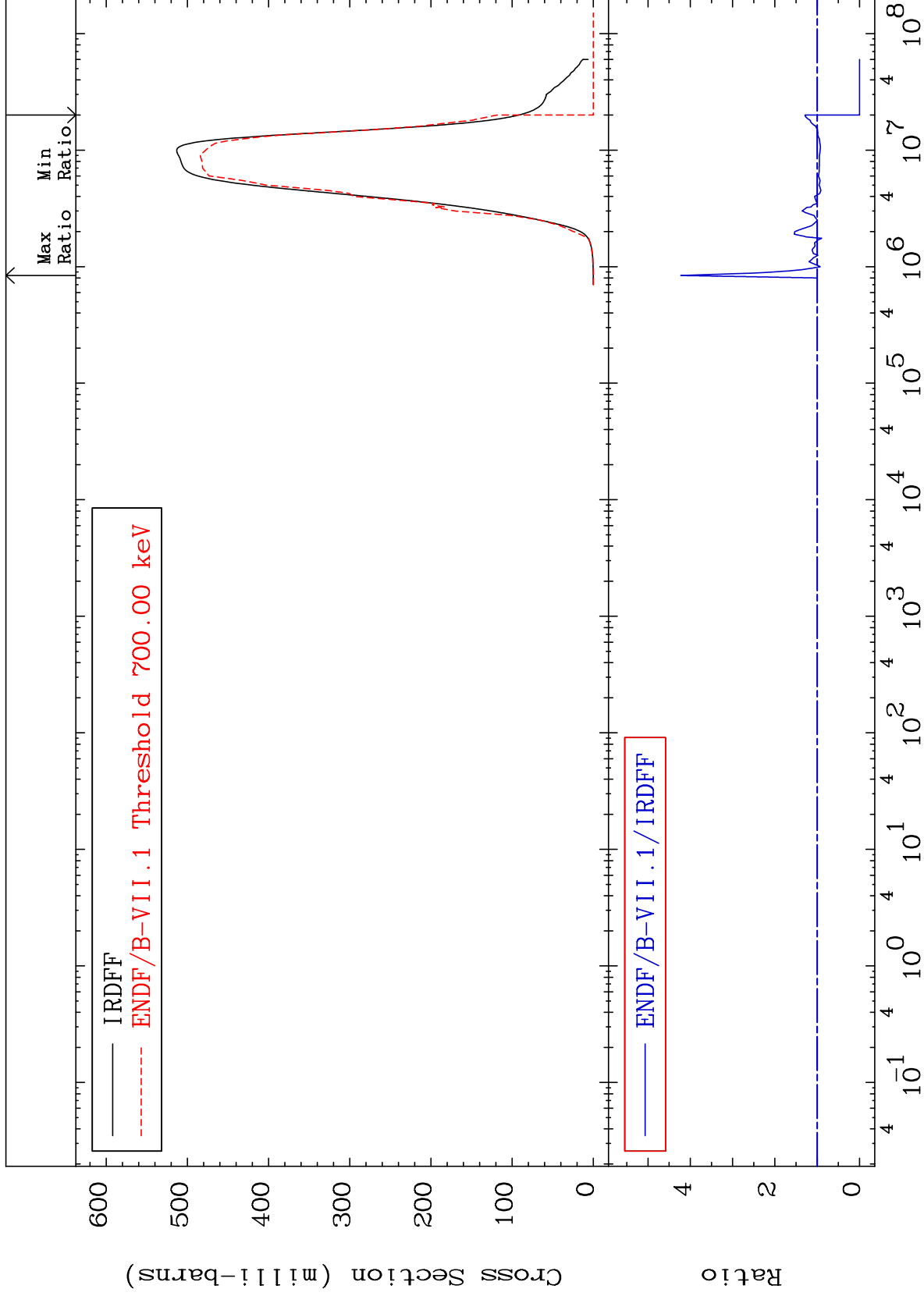
Incident Energy (eV)

²⁶Fe-54

MAT 2625

(n,p)
Cross Section

²⁶Fe-54
-100.0 To 322.5 %



49

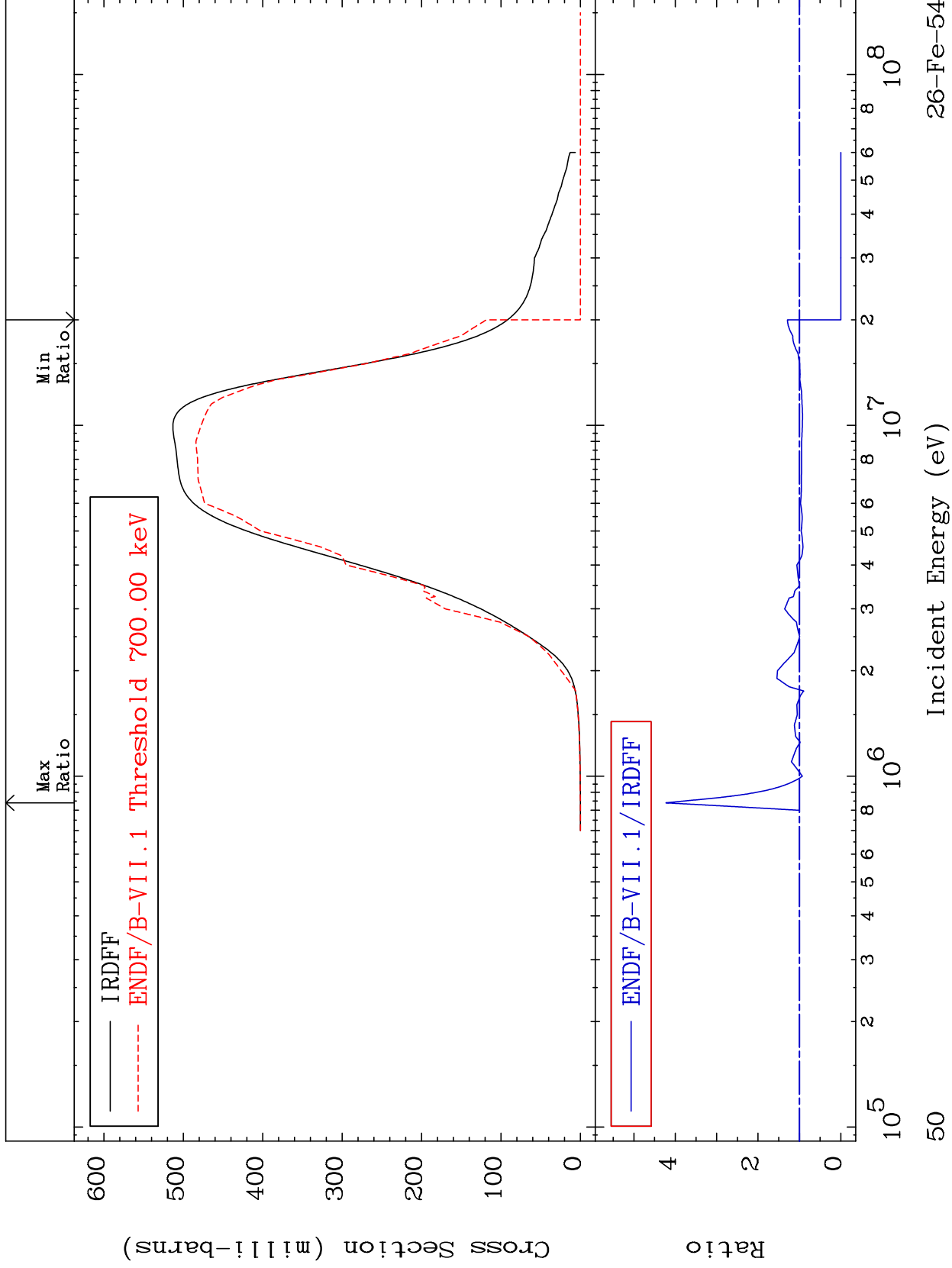
Incident Energy (eV)

²⁶Fe-54

MAT 2625

(n, p)
Cross Section

²⁶Fe-54
-100.0 To 322.5 %



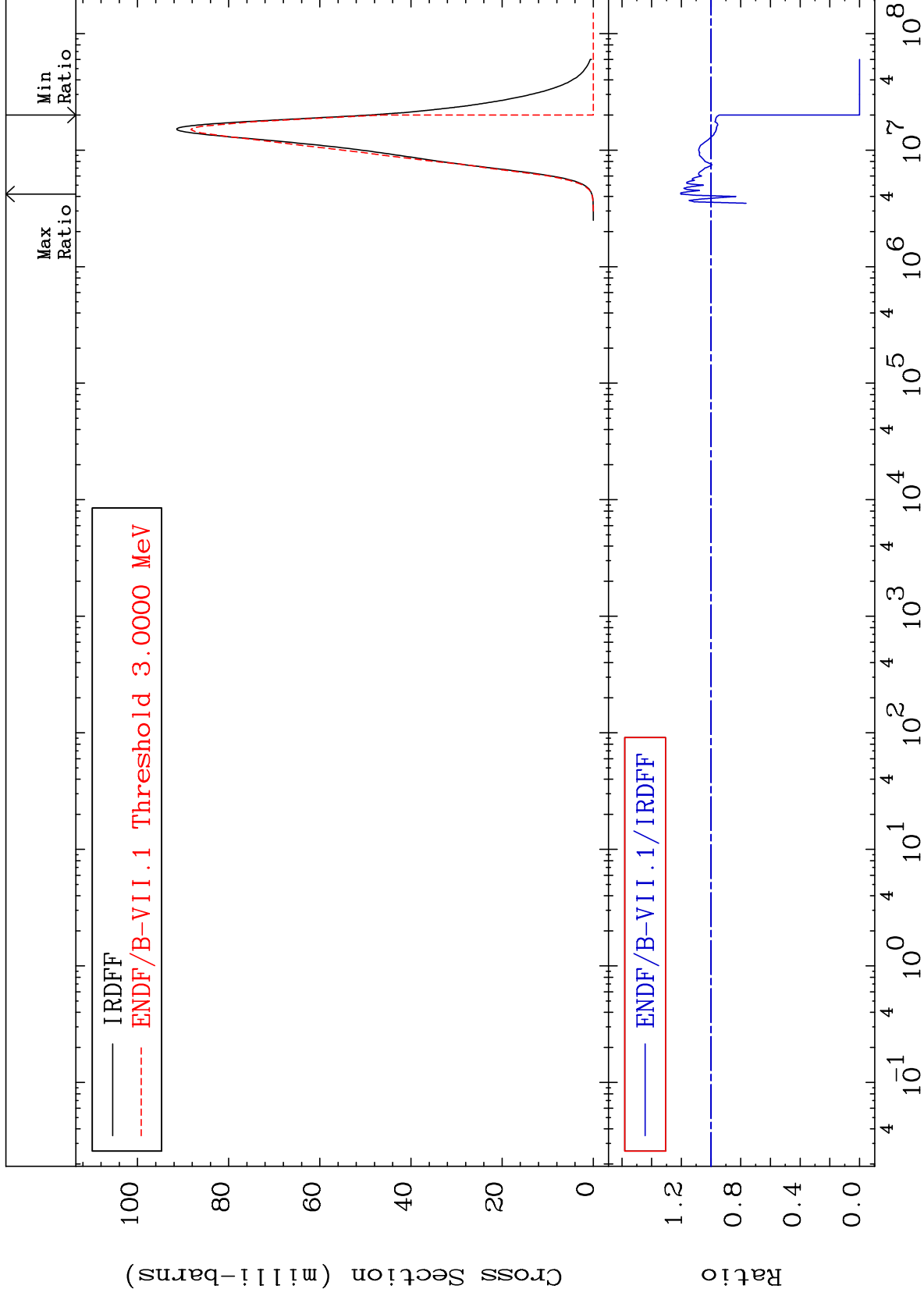
Incident Energy (eV)

²⁶Fe-54

MAT 2625

(n, α)
Cross Section

26-Fe-54
-100.0 To 20.39 %



51

Incident Energy (eV)

26-Fe-54

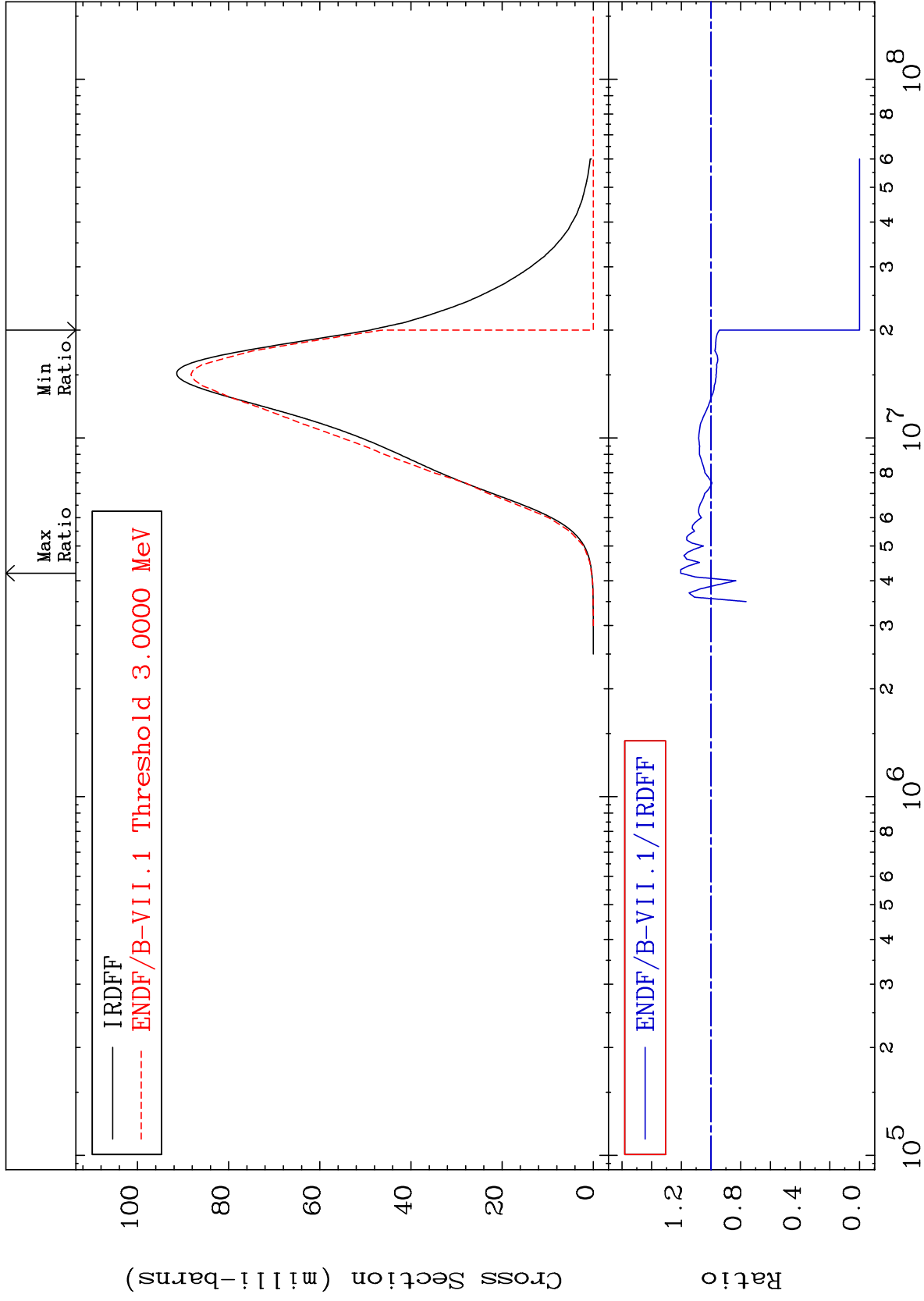
MAT 2625

(n, α)

²⁶Fe-54

Cross Section

-100.0 To 20.39 %



52

Incident Energy (eV)

²⁶Fe-54

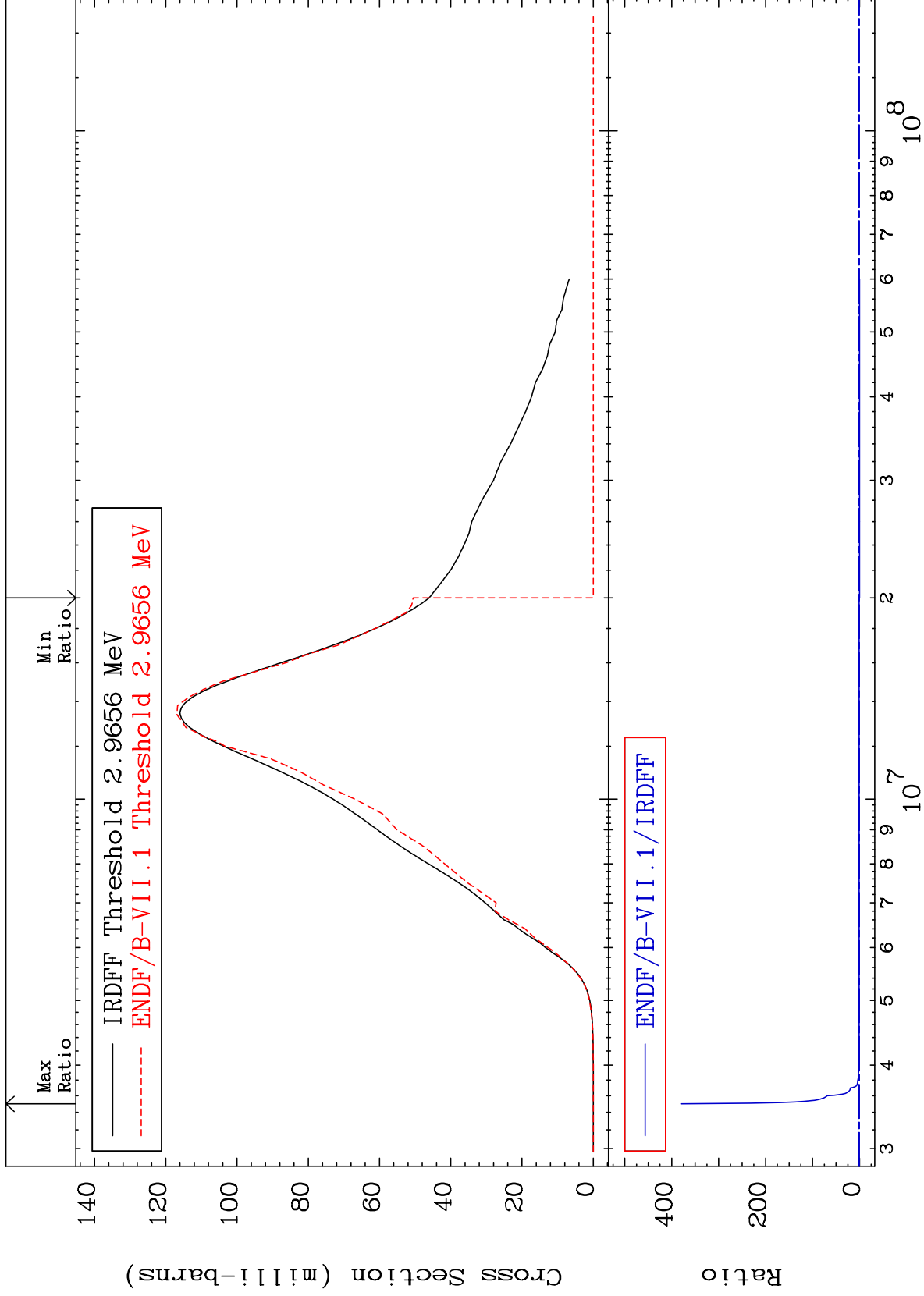
MAT 2631

(n,p)

²⁶Fe-56

Cross Section

-100.0 To 9999. %



53

Incident Energy (eV)

²⁶Fe-56

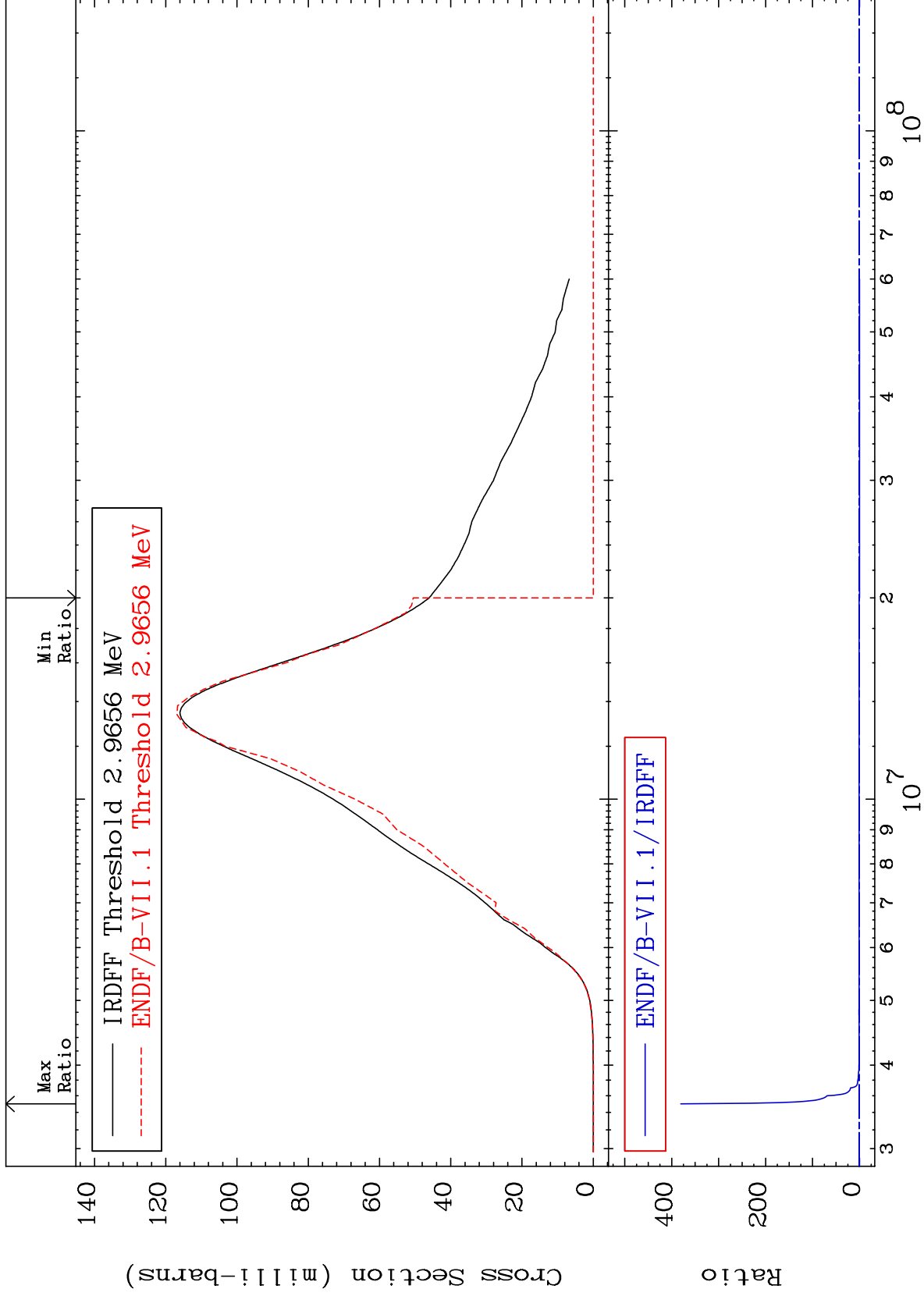
MAT 2631

(n,p)

²⁶Fe-56

Cross Section

-100.0 To 9999. %



54

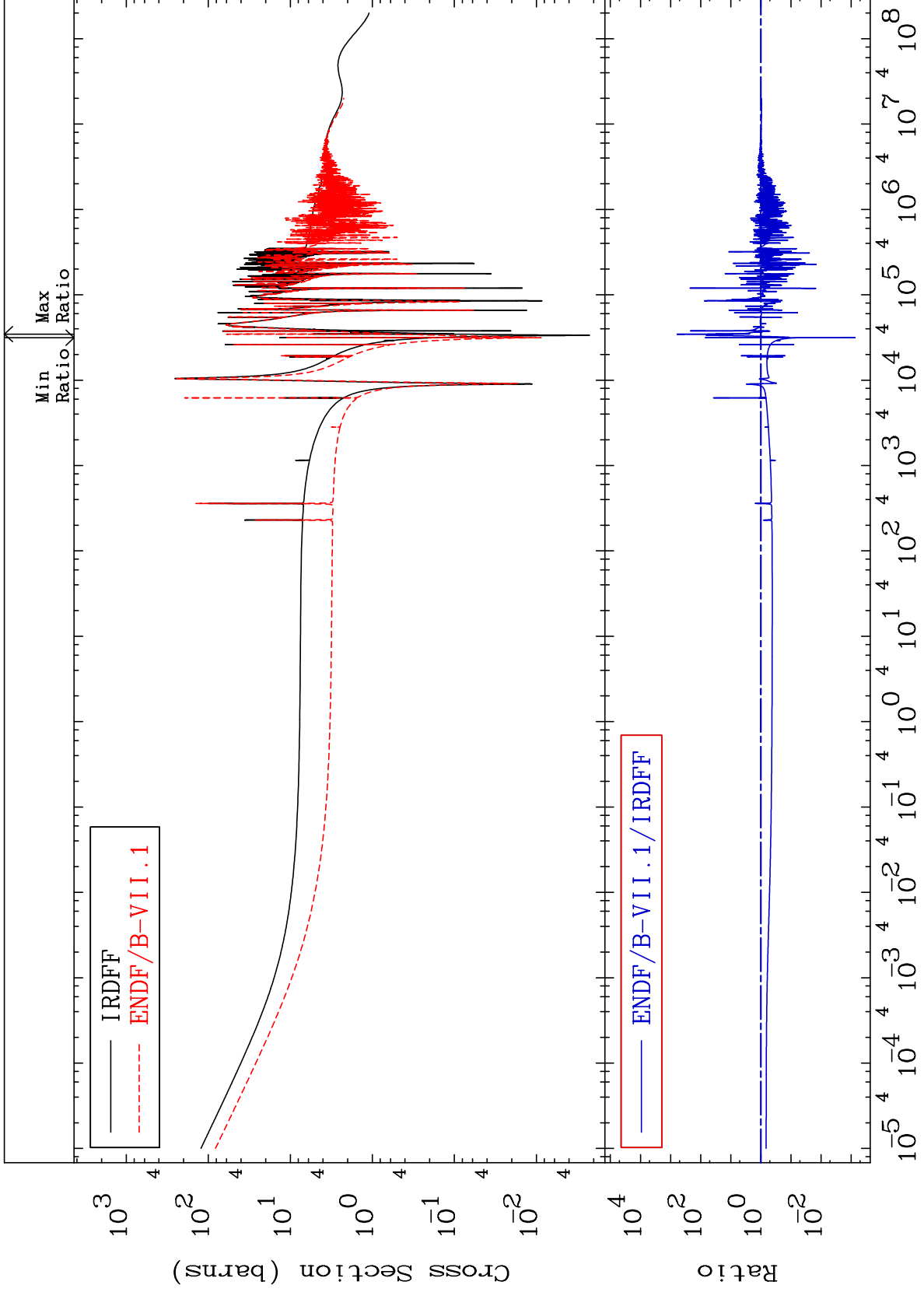
Incident Energy (eV)

²⁶Fe-56

MAT 2637

Total
Cross Section

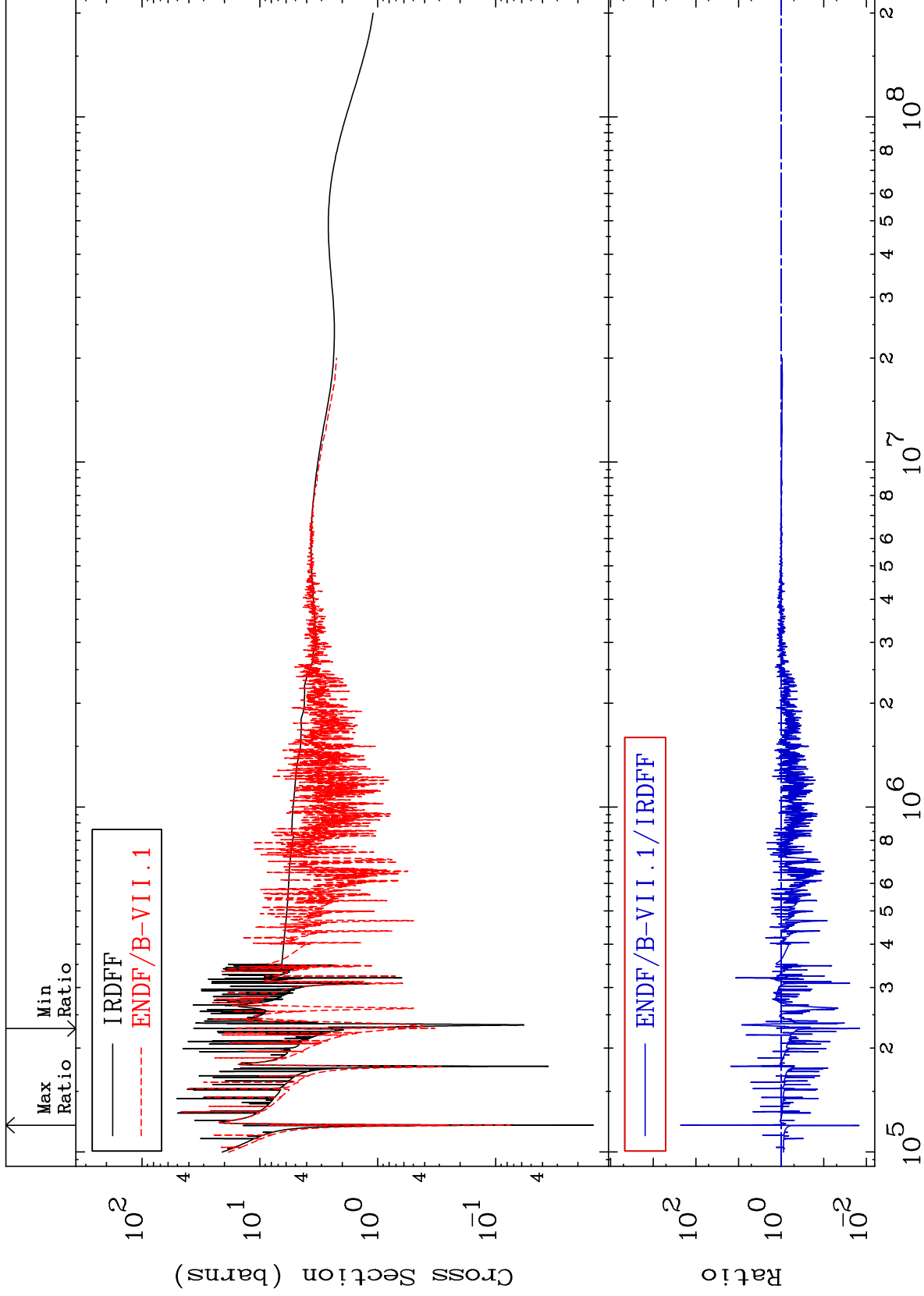
26-Fe-58
-99.93 To 9999. %



MAT 2637

Total
Cross Section

26-Fe-58
-98.55 To 9999. %



56

Incident Energy (eV)

26-Fe-58

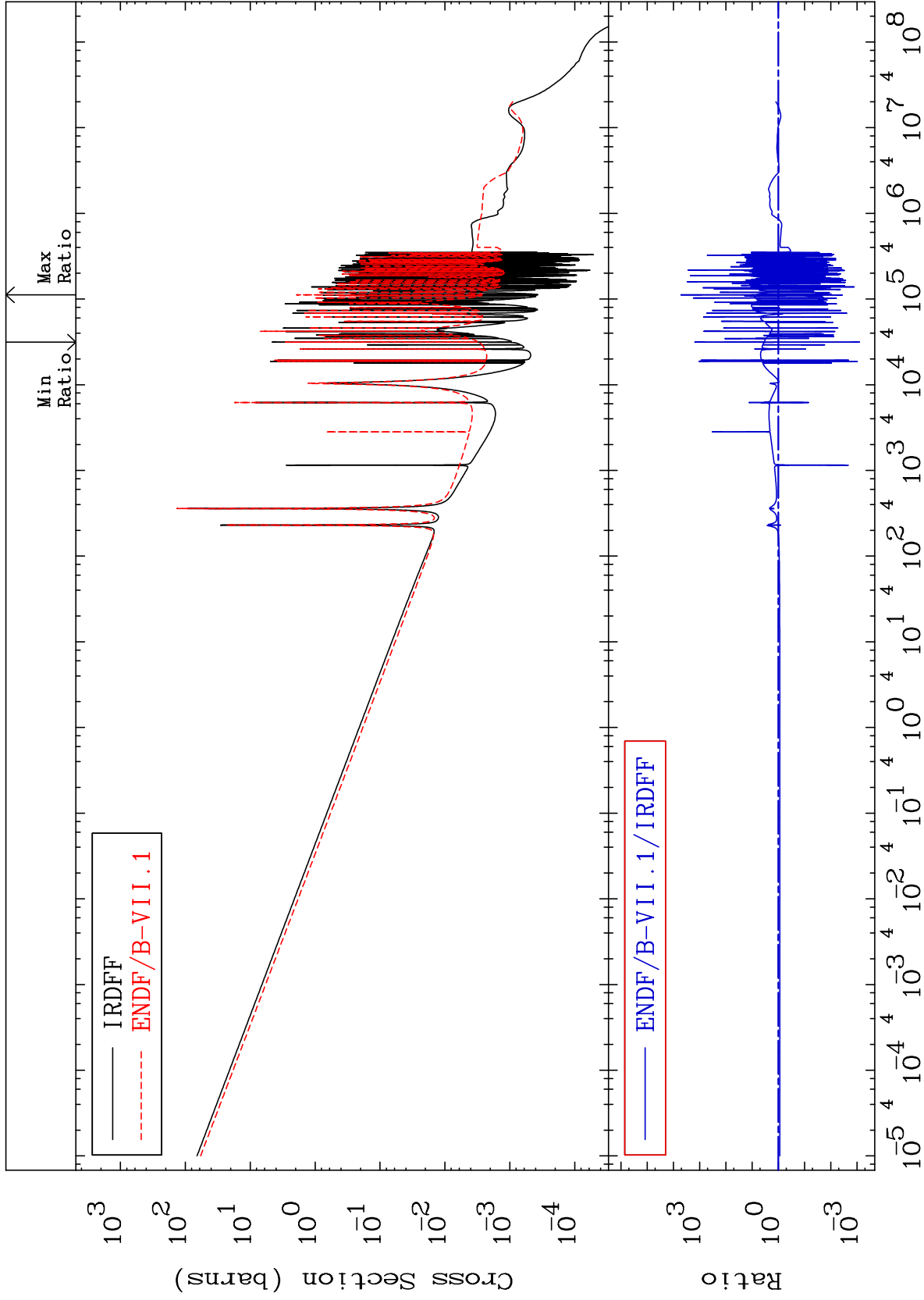
MAT 2637

(n, γ)

²⁶Fe-58

Cross Section

-99.92 To 9999. %



57

Incident Energy (eV)

²⁶Fe-58

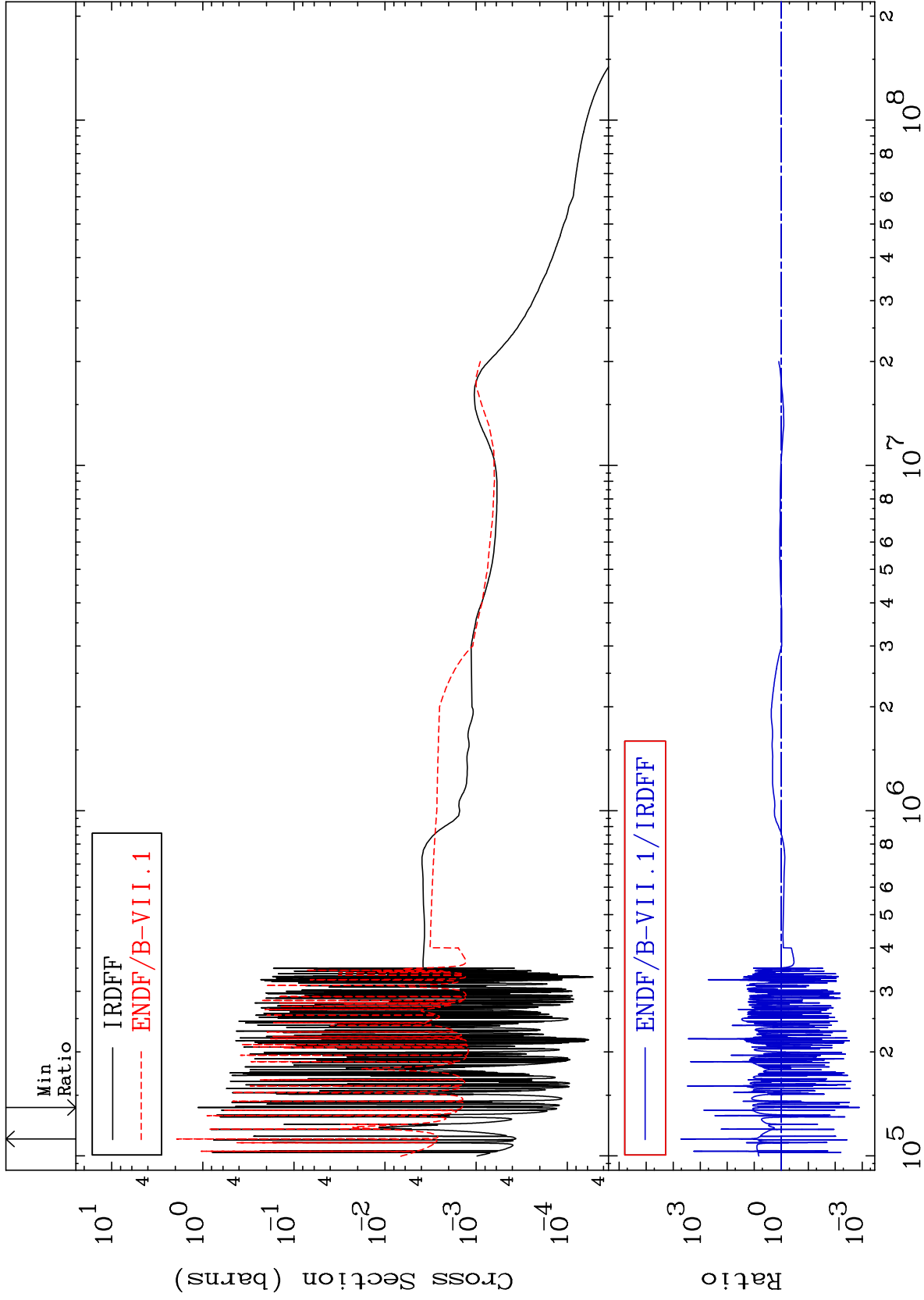
MAT 2637

(n, γ)

²⁶Fe-58

Cross Section

-99.87 To 9999. %



Incident Energy (eV)

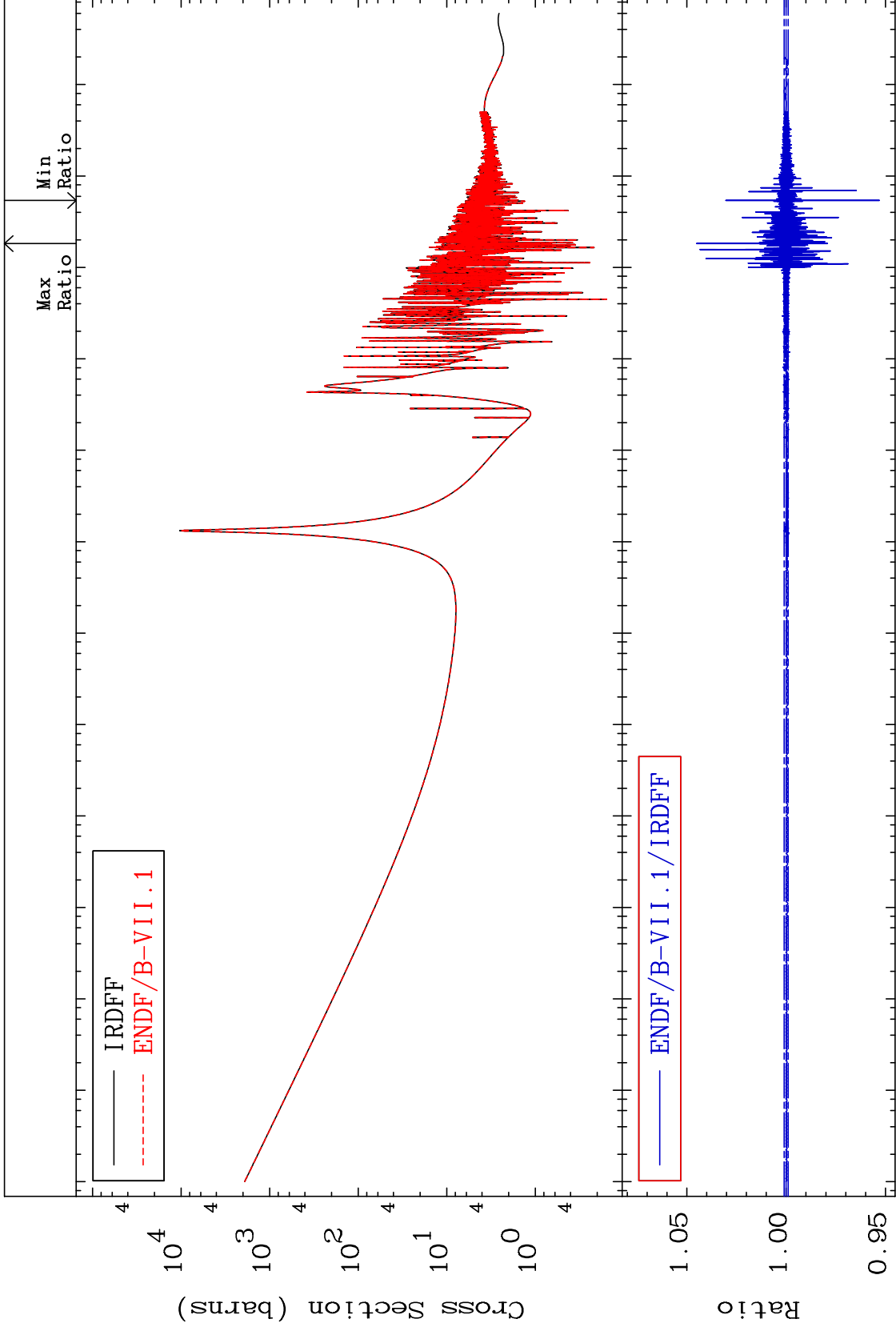
²⁶Fe-58

58

MAT 2725

Total
Cross Section

27-Co-59
-4.700 To 4.524 %



59

Incident Energy (eV)

27-Co-59

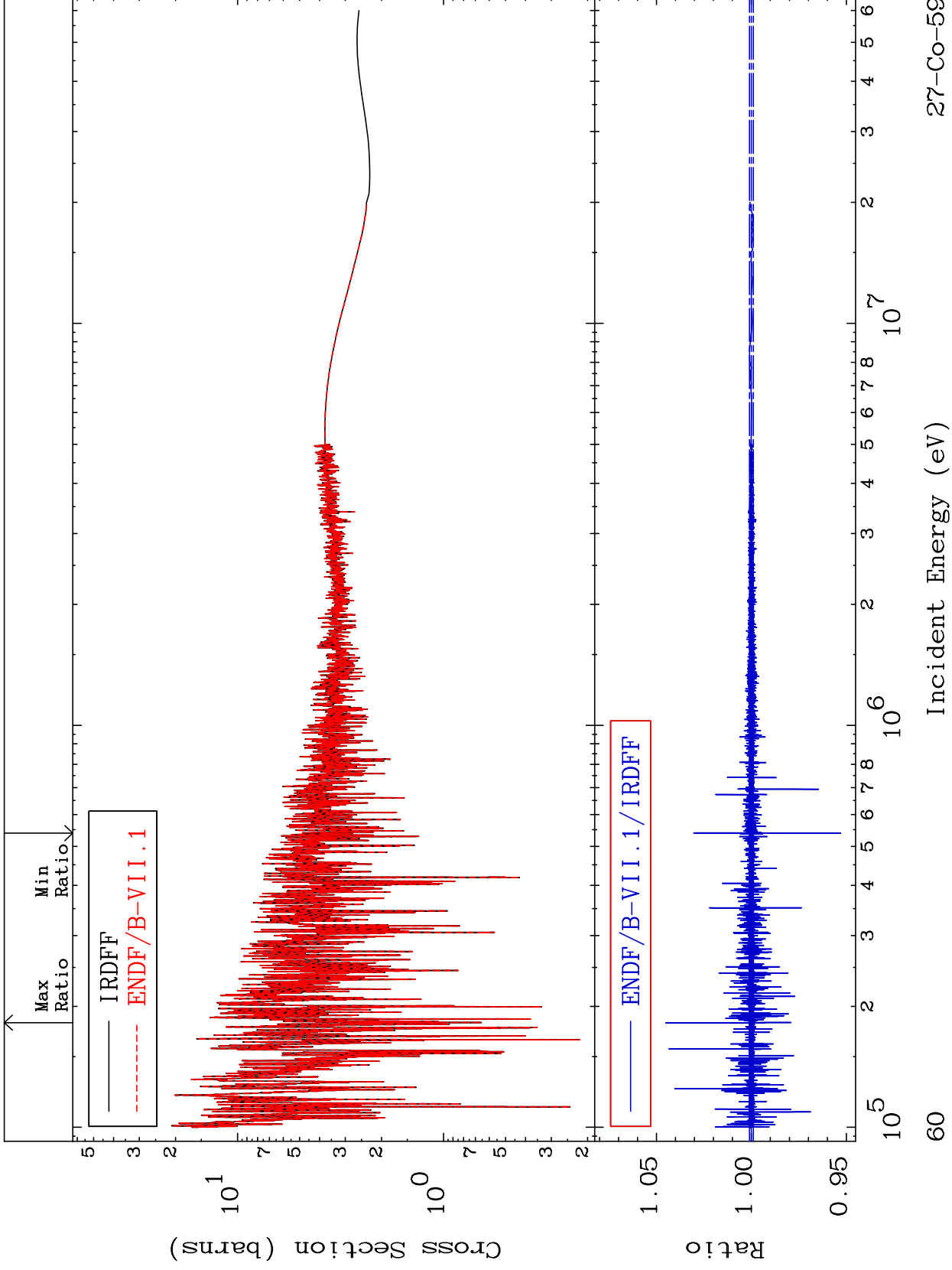
MAT 2725

Total

27-Co-59

Cross Section

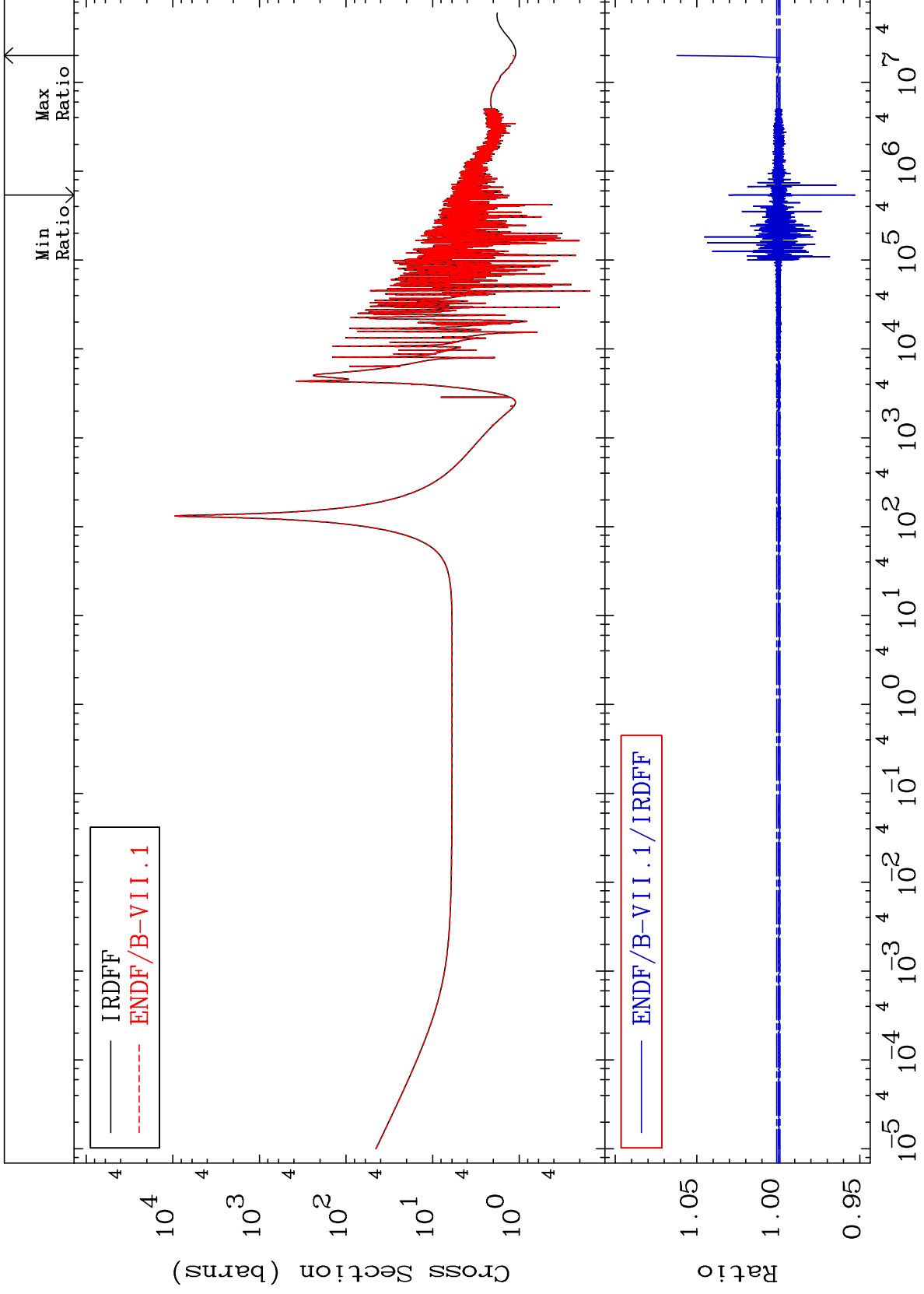
-4.700 To 4.524 %



MAT 2725

Elastic
Cross Section

27-Co-59
-4.709 To 6.223 %



61

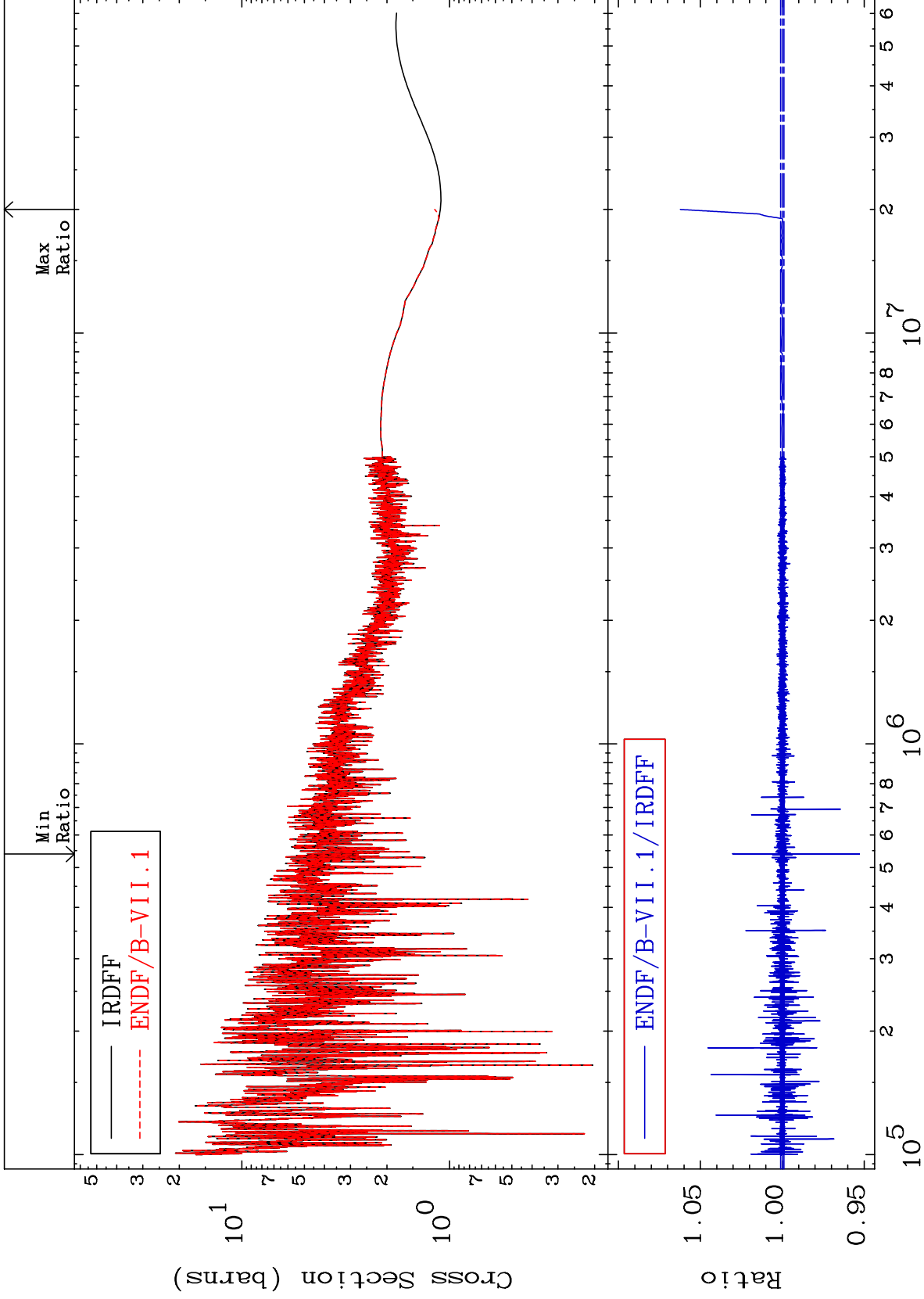
Incident Energy (eV)

27-Co-59

MAT 2725

Elastic
Cross Section

27-Co-59
-4.709 To 6.223 %



62

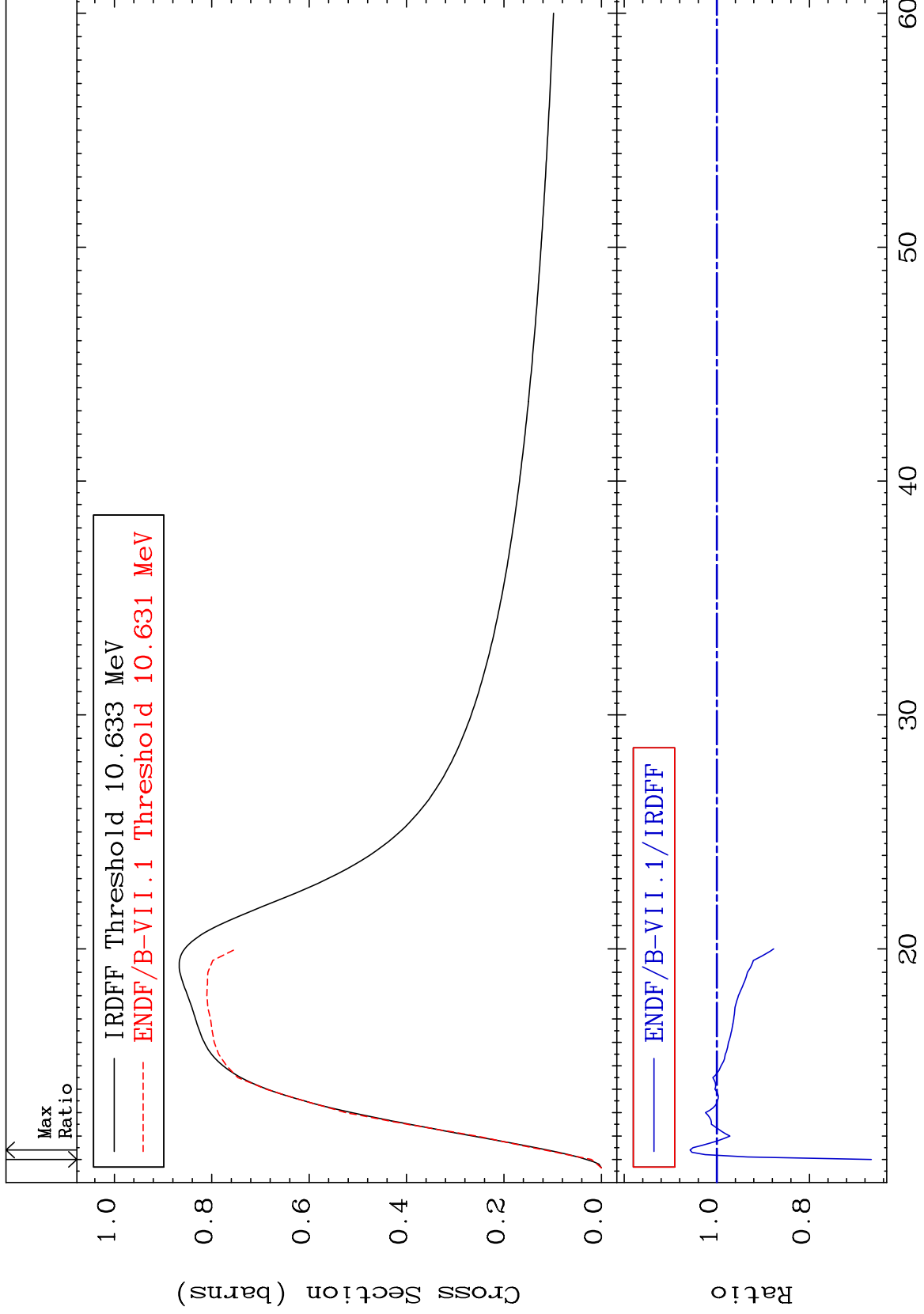
Incident Energy (eV)

27-Co-59

MAT 2725

(n,2n)
Cross Section

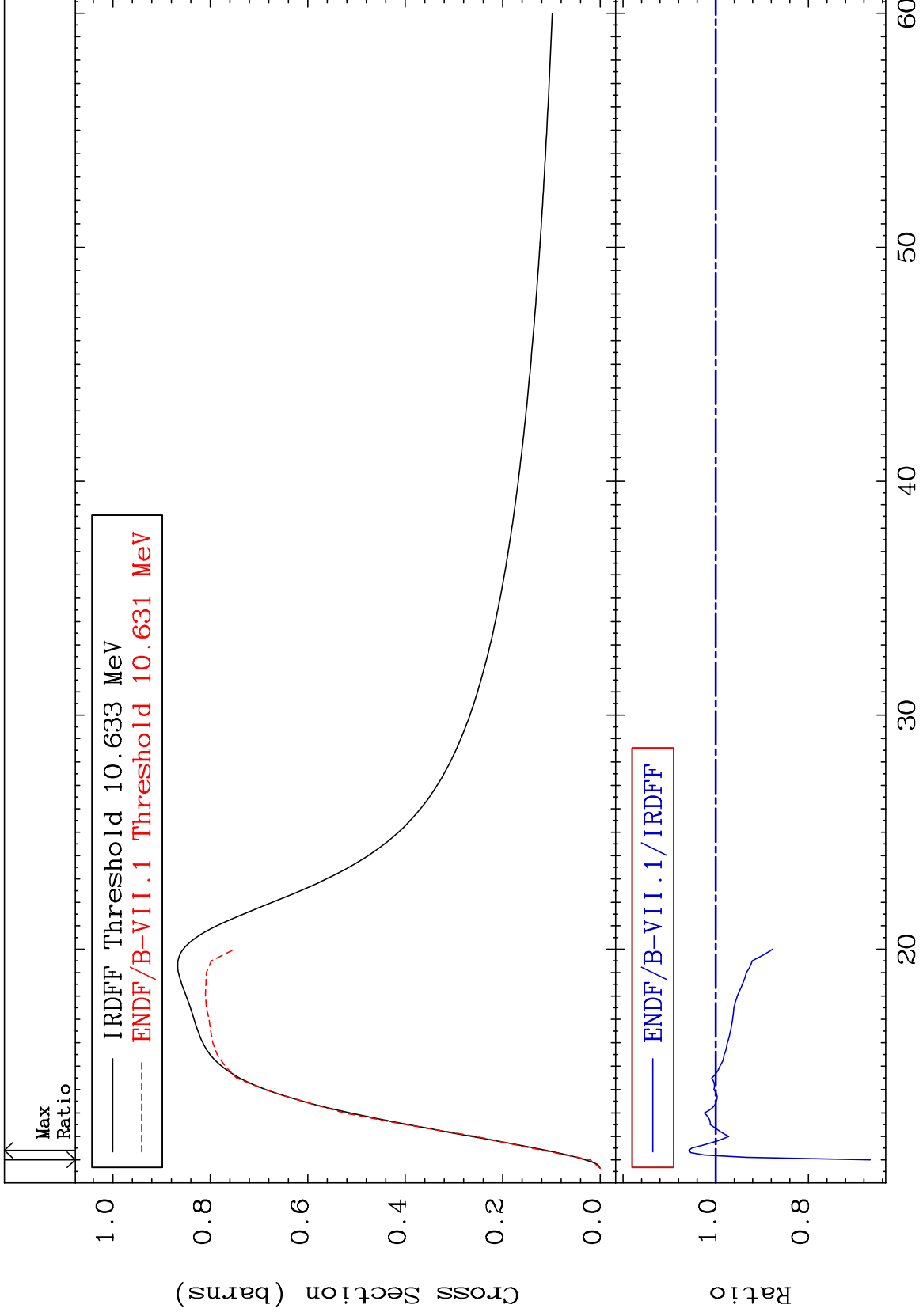
27-Co-59
-33.35 To 5.768 %



MAT 2725

(n,2n)
Cross Section

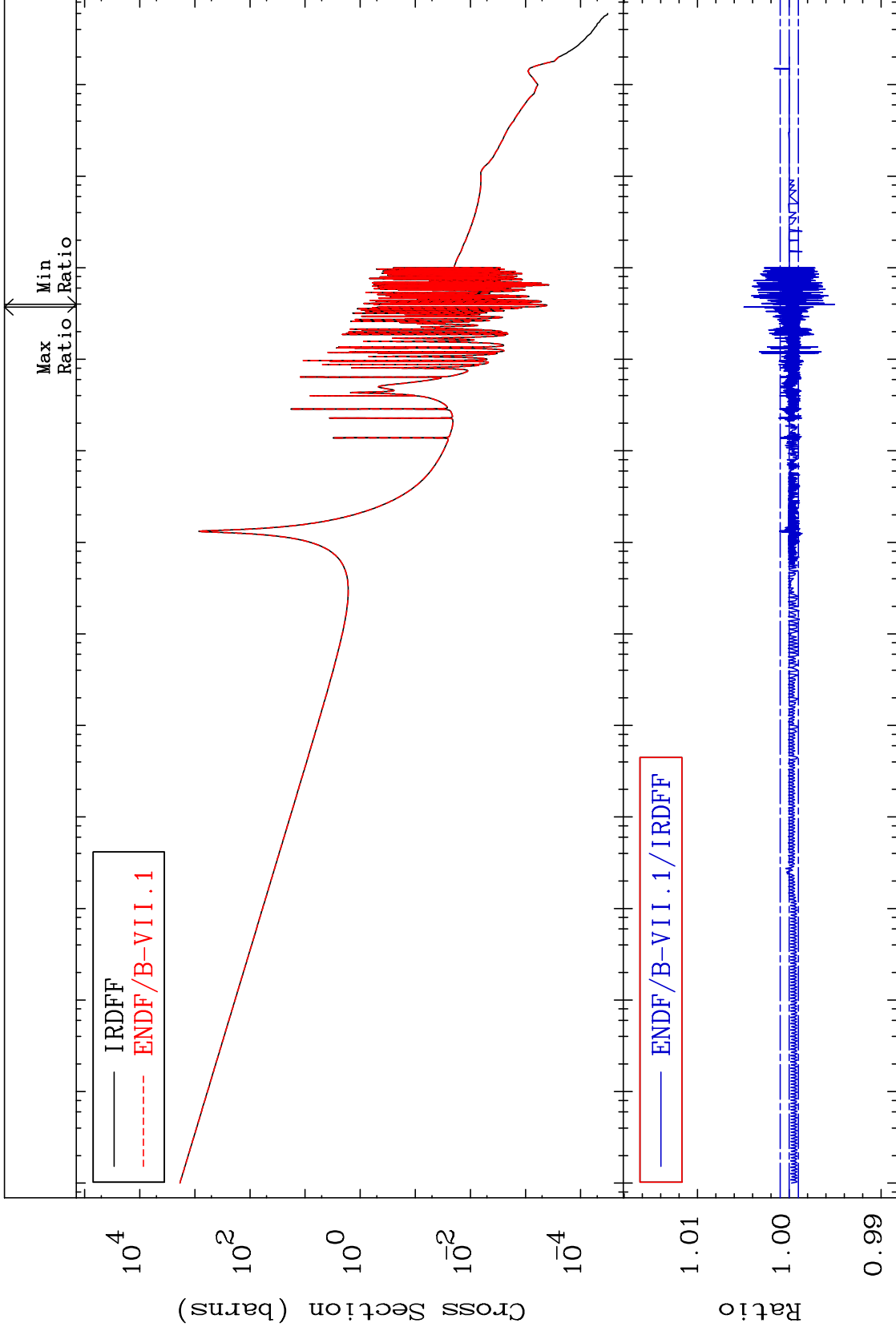
27-Co-59
-33.35 To 5.768 %



MAT 2725

(n, γ)
Cross Section

27-Co-59
-0.494 To 0.493 %



65

Incident Energy (eV)

27-Co-59

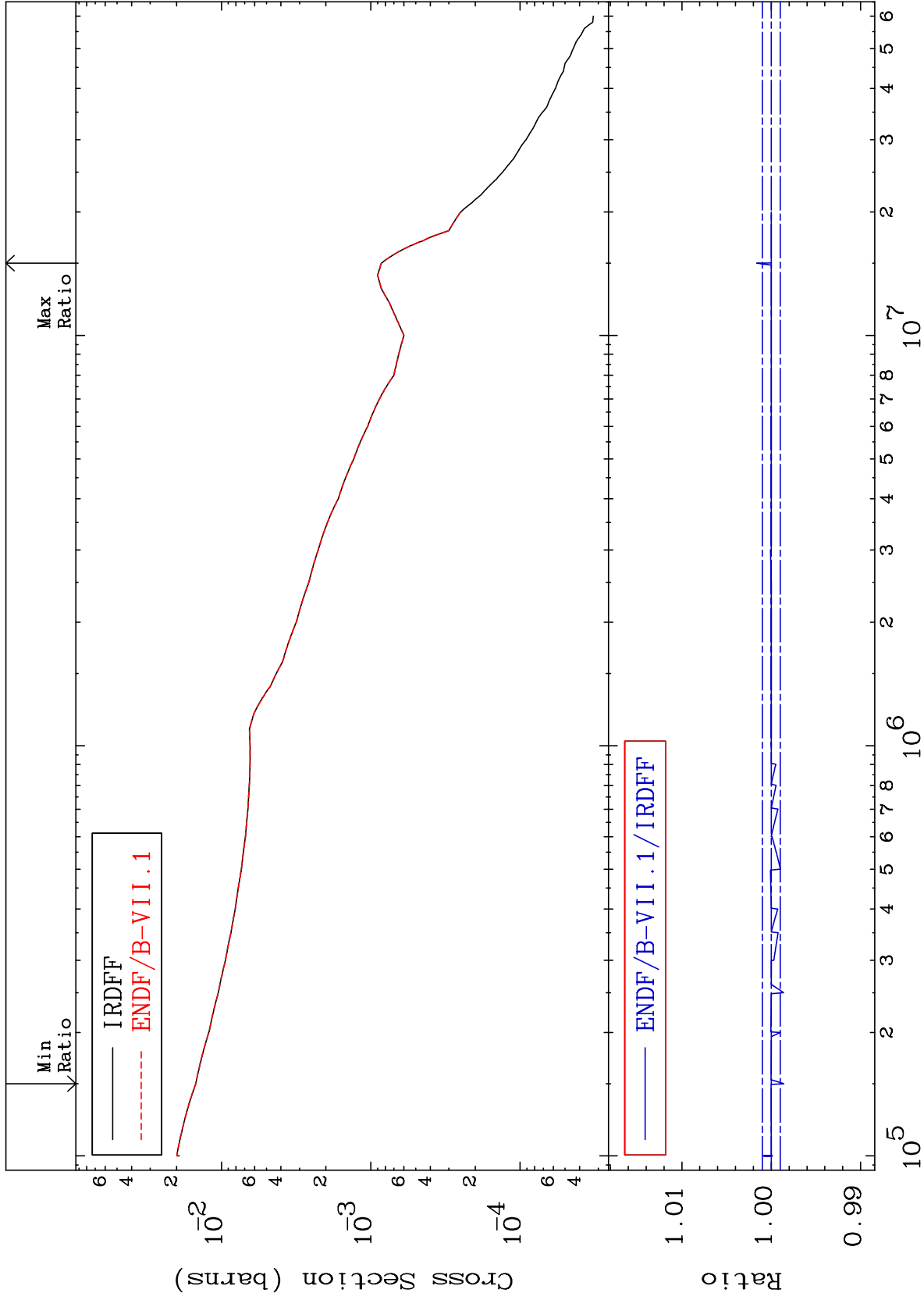
MAT 2725

(n, γ)

27-Co-59

Cross Section

-0.139 To 0.164 %



66

Incident Energy (eV)

27-Co-59

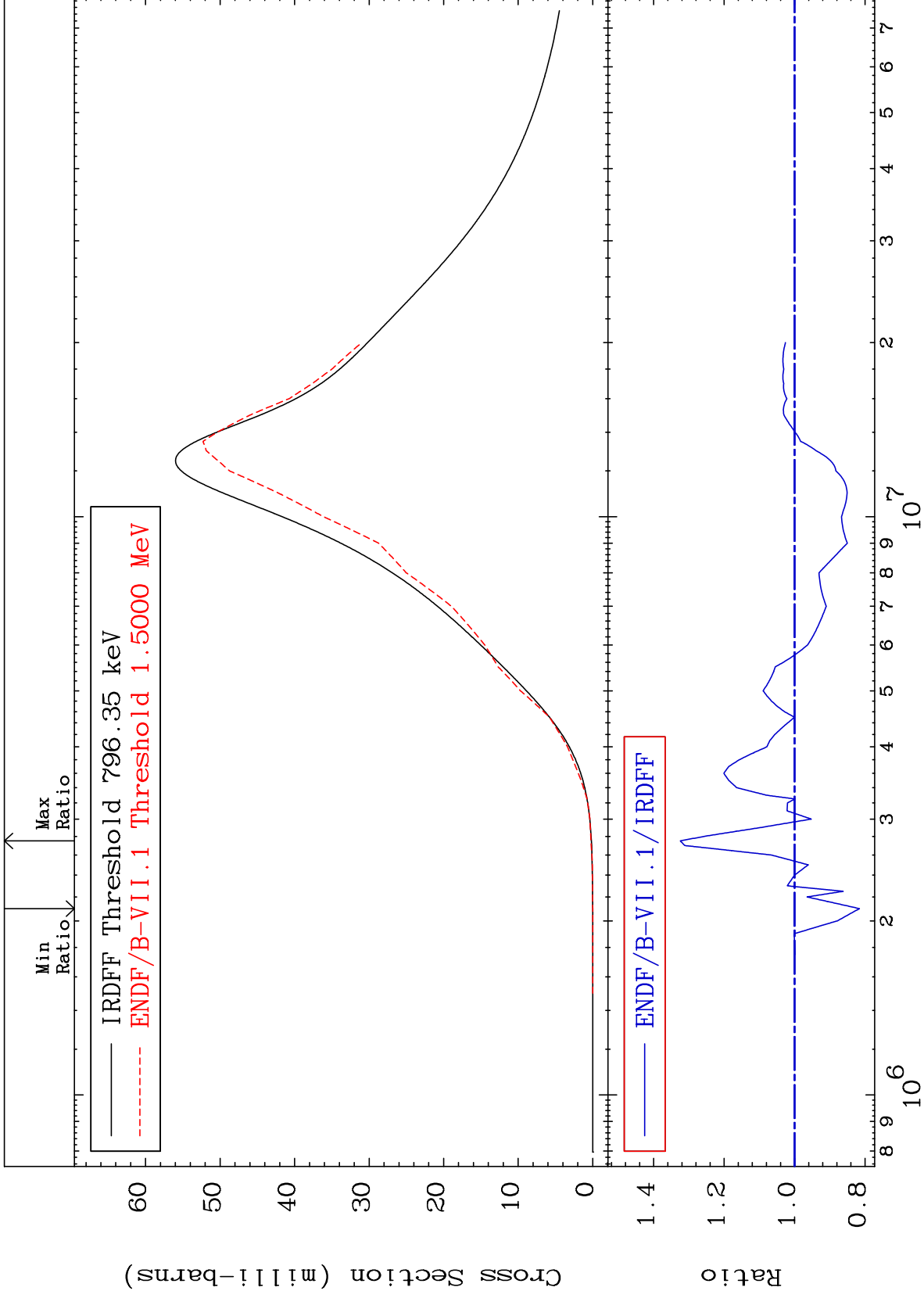
MAT 2725

(n,p)

27-Co-59

Cross Section

-18.40 To 32.43 %



67

Incident Energy (eV)

27-Co-59

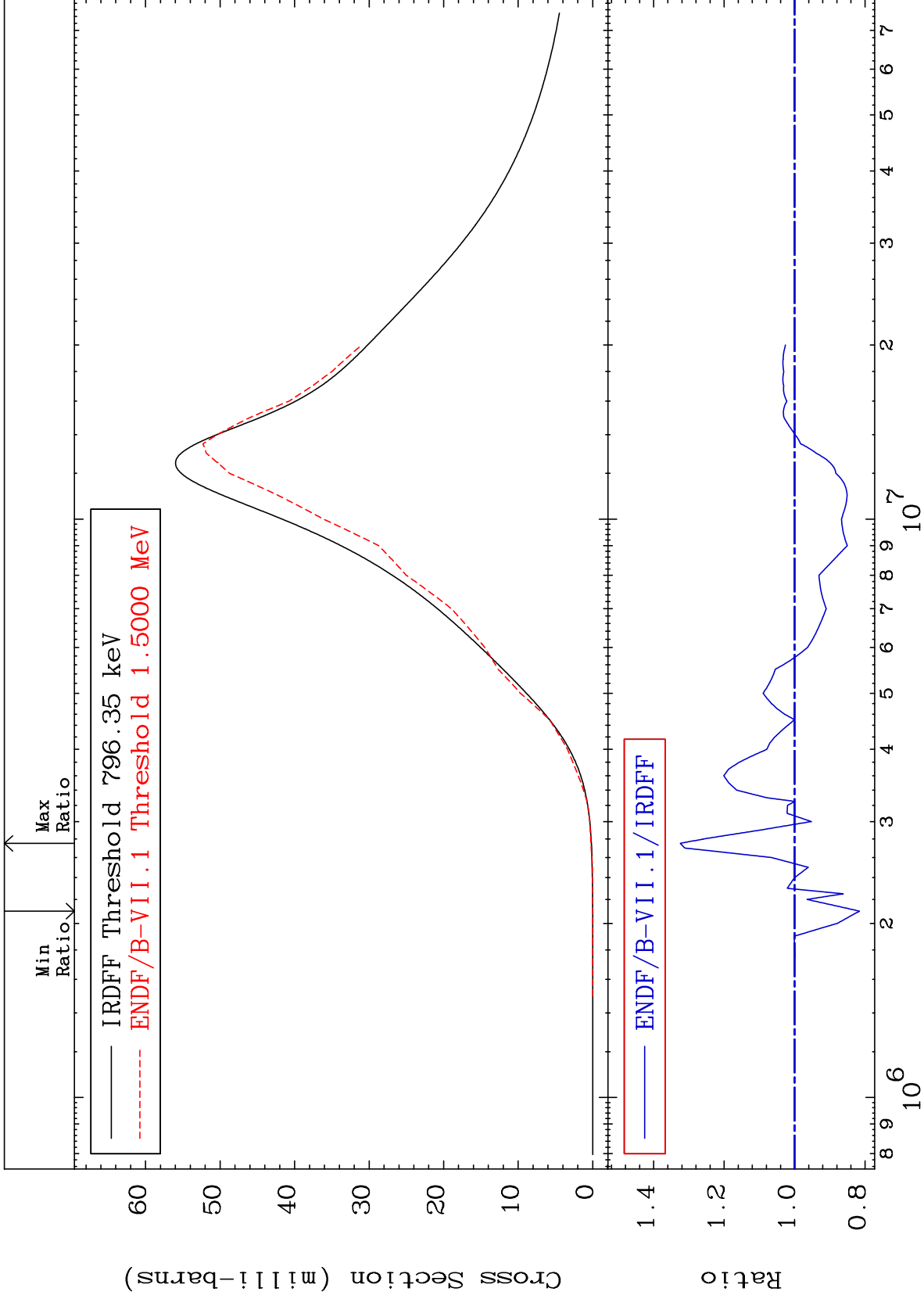
MAT 2725

(n,p)

27-Co-59

Cross Section

-18.40 To 32.43 %



68

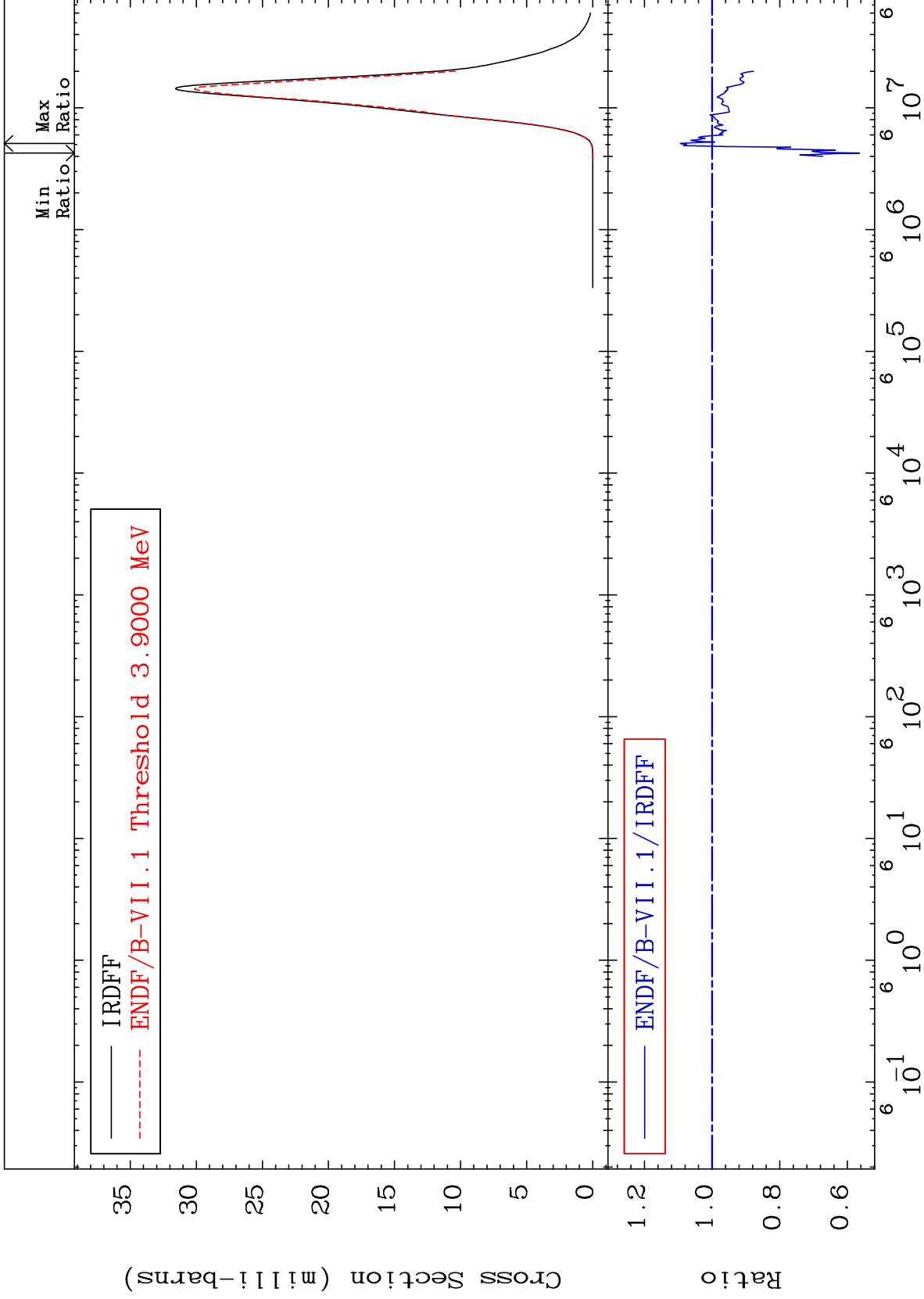
Incident Energy (eV)

27-Co-59

MAT 2725

(n, α)
Cross Section

27-Co-59
-43.55 To 9.375 %



69

Incident Energy (eV)

27-Co-59

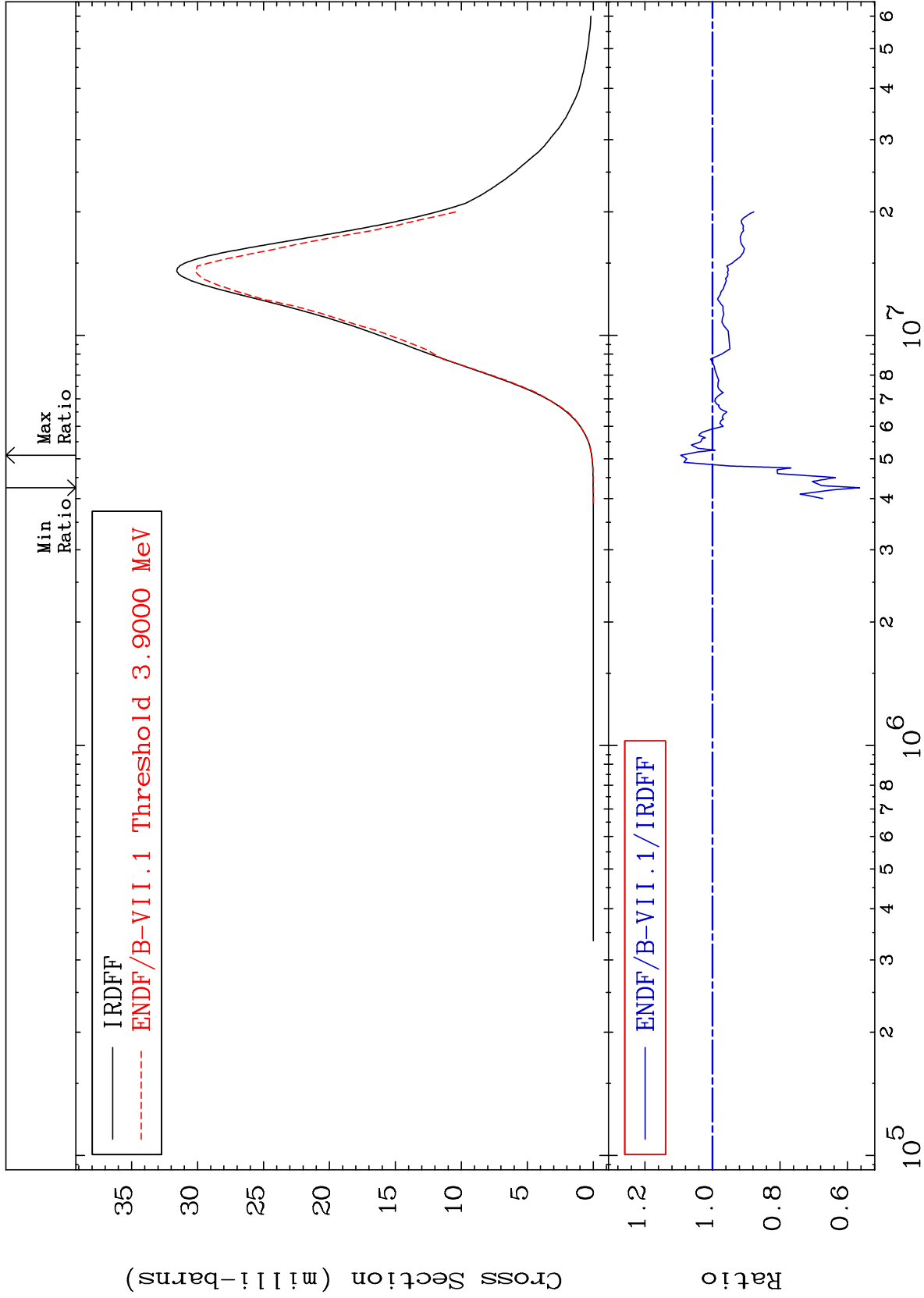
MAT 2725

(n, α)

27-Co-59

Cross Section

-43.55 To 9.375 %



70

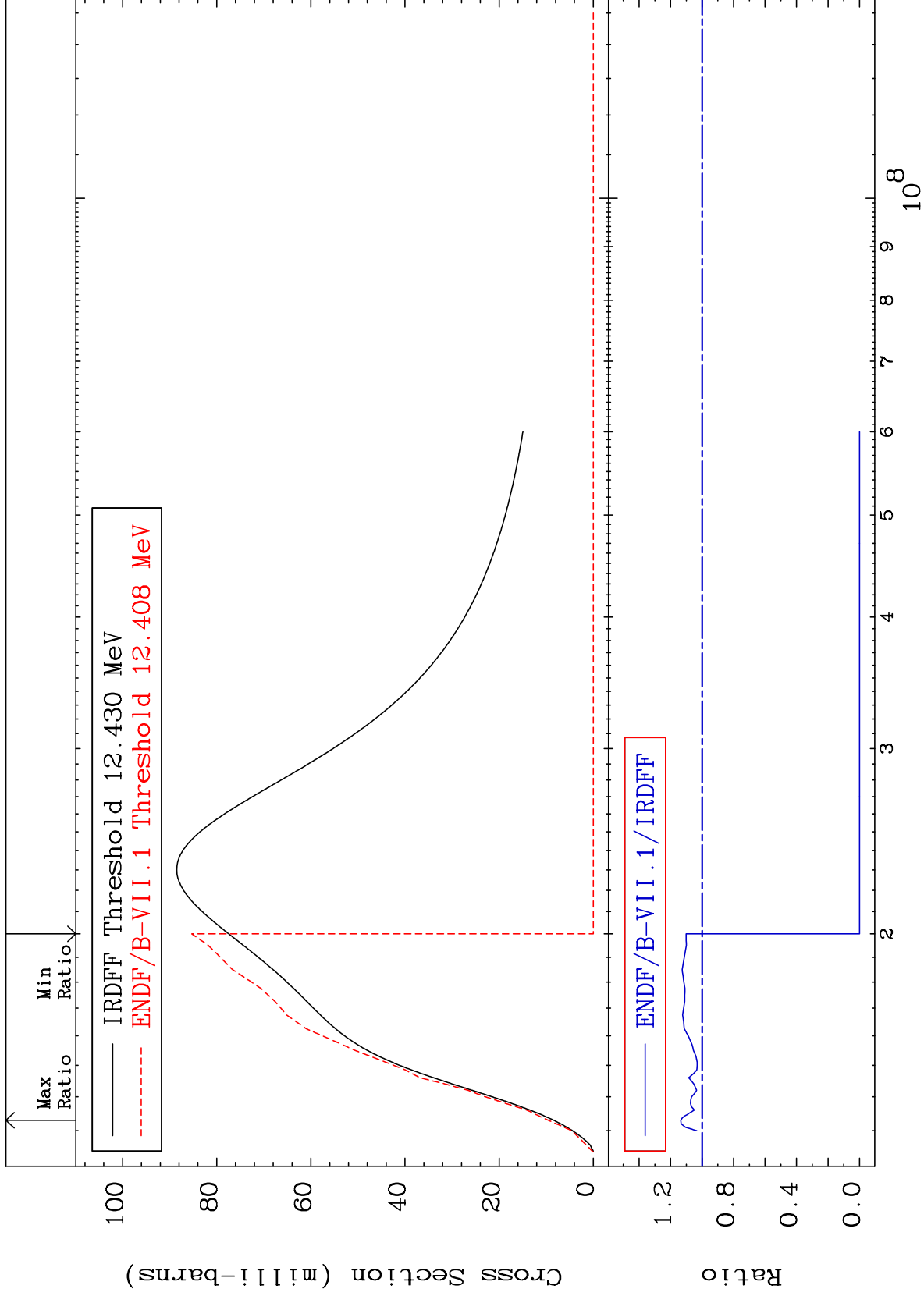
Incident Energy (eV)

27-Co-59

MAT 2825

(n,2n)
Cross Section

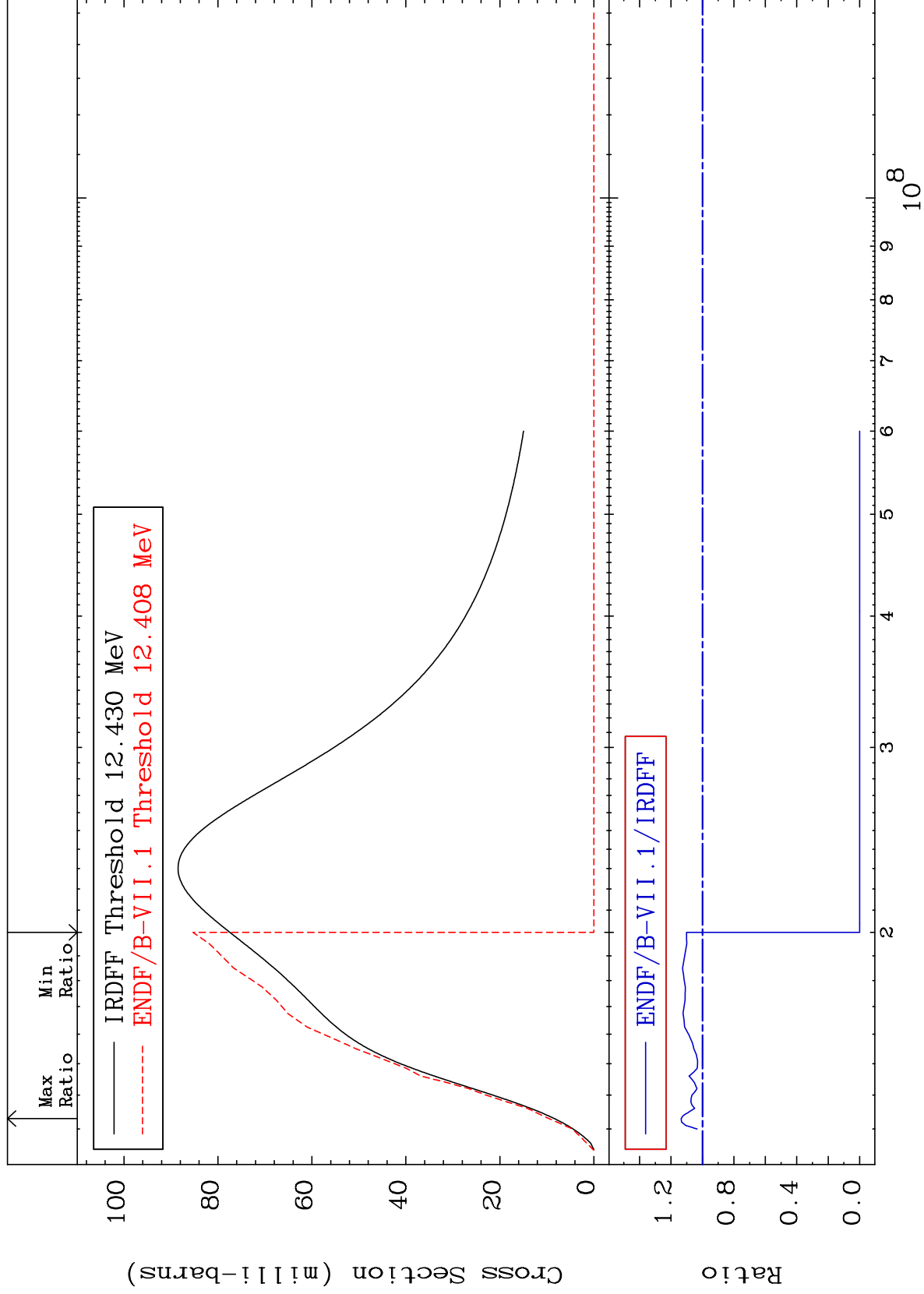
28-Ni-58
-100.0 To 13.54 %



MAT 2825

(n,2n)
Cross Section

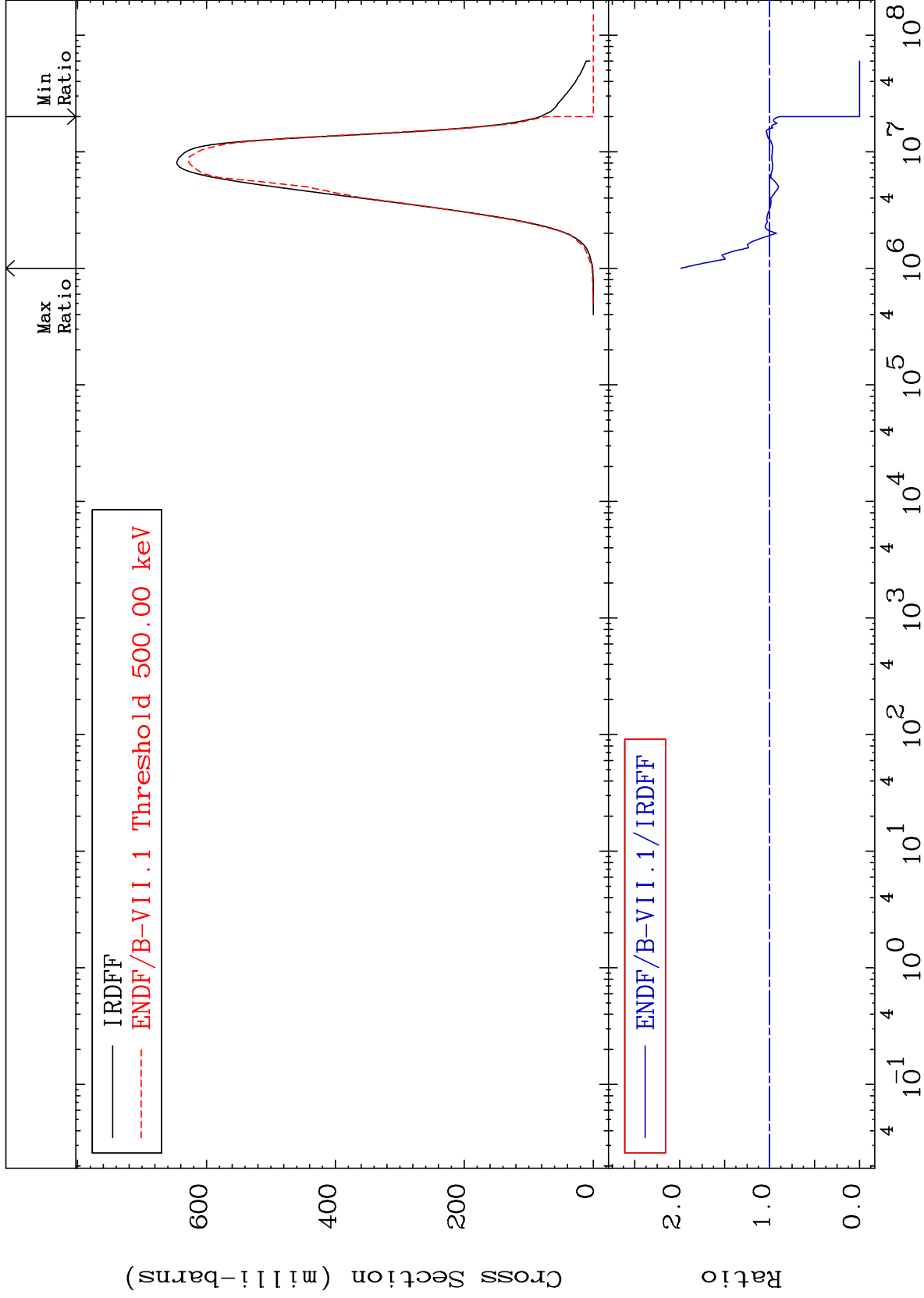
28-Ni-58
-100.0 To 13.54 %



MAT 2825

(n,p)
Cross Section

28-Ni-58
-100.0 To 98.80 %



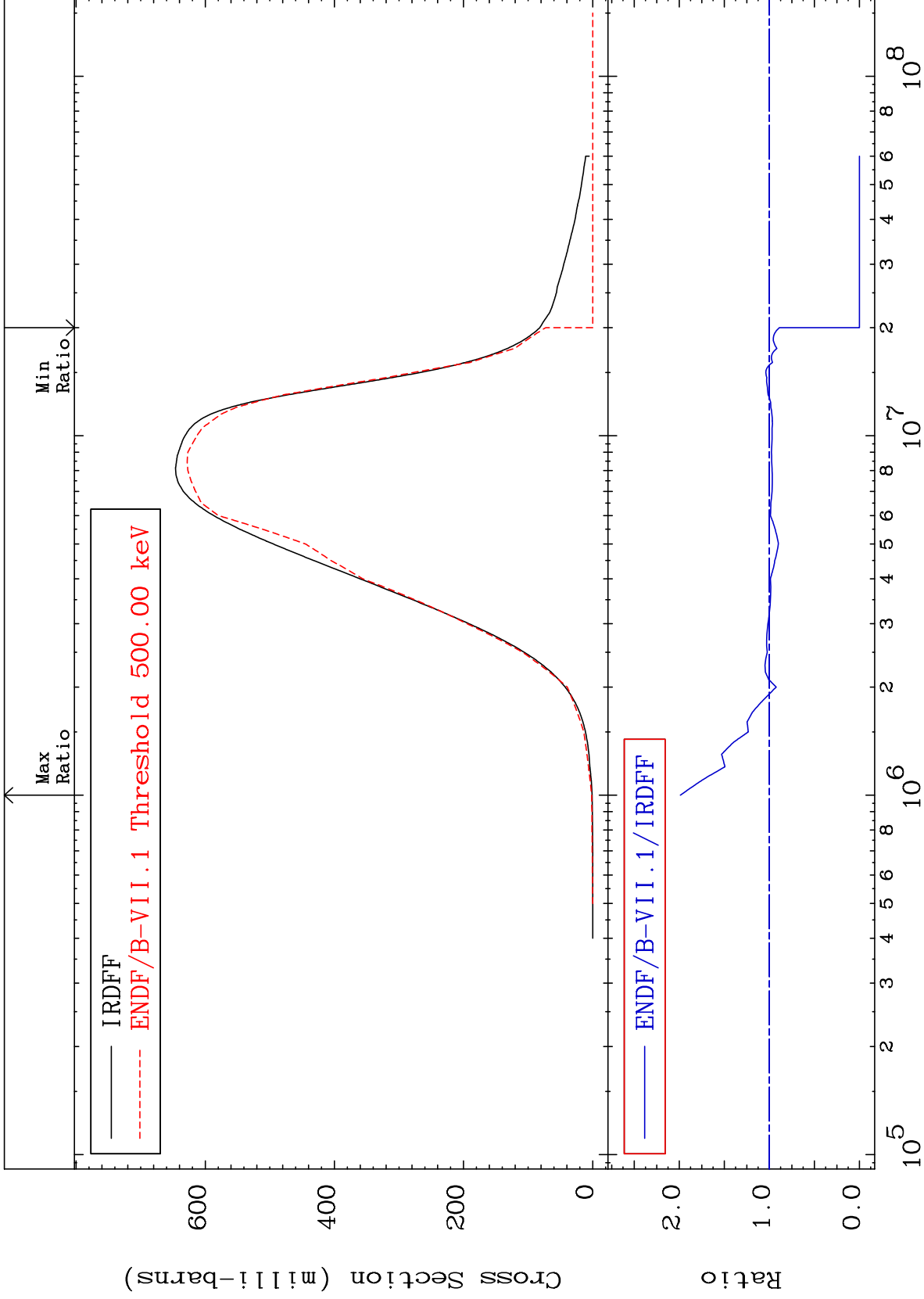
MAT 2825

(n,p)

28-Ni-58

Cross Section

-100.0 To 98.80 %



74

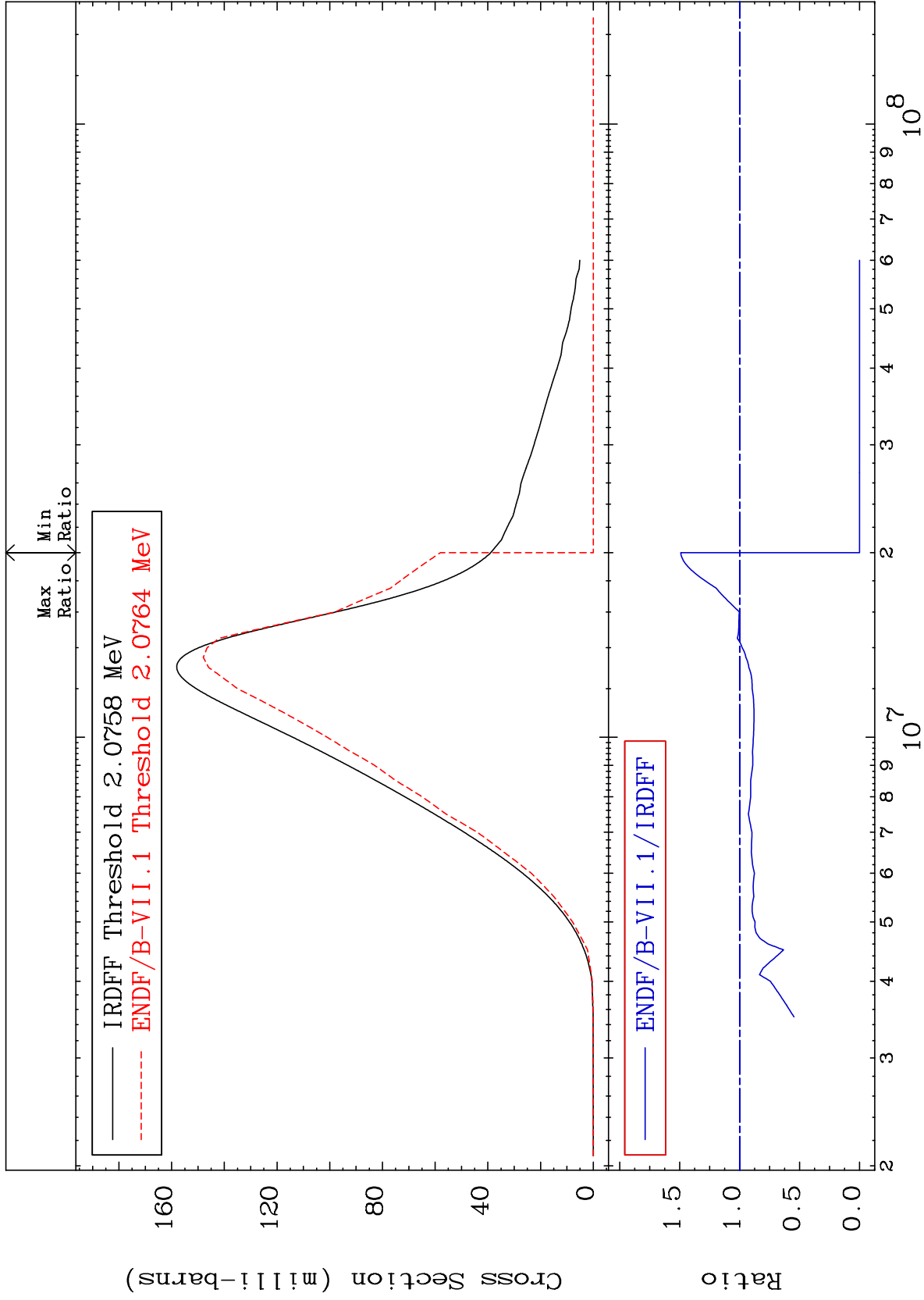
Incident Energy (eV)

28-Ni-58

MAT 2831

²⁸Ni-60

(n,p)
Cross Section
-100.0 To 49.15 %



75

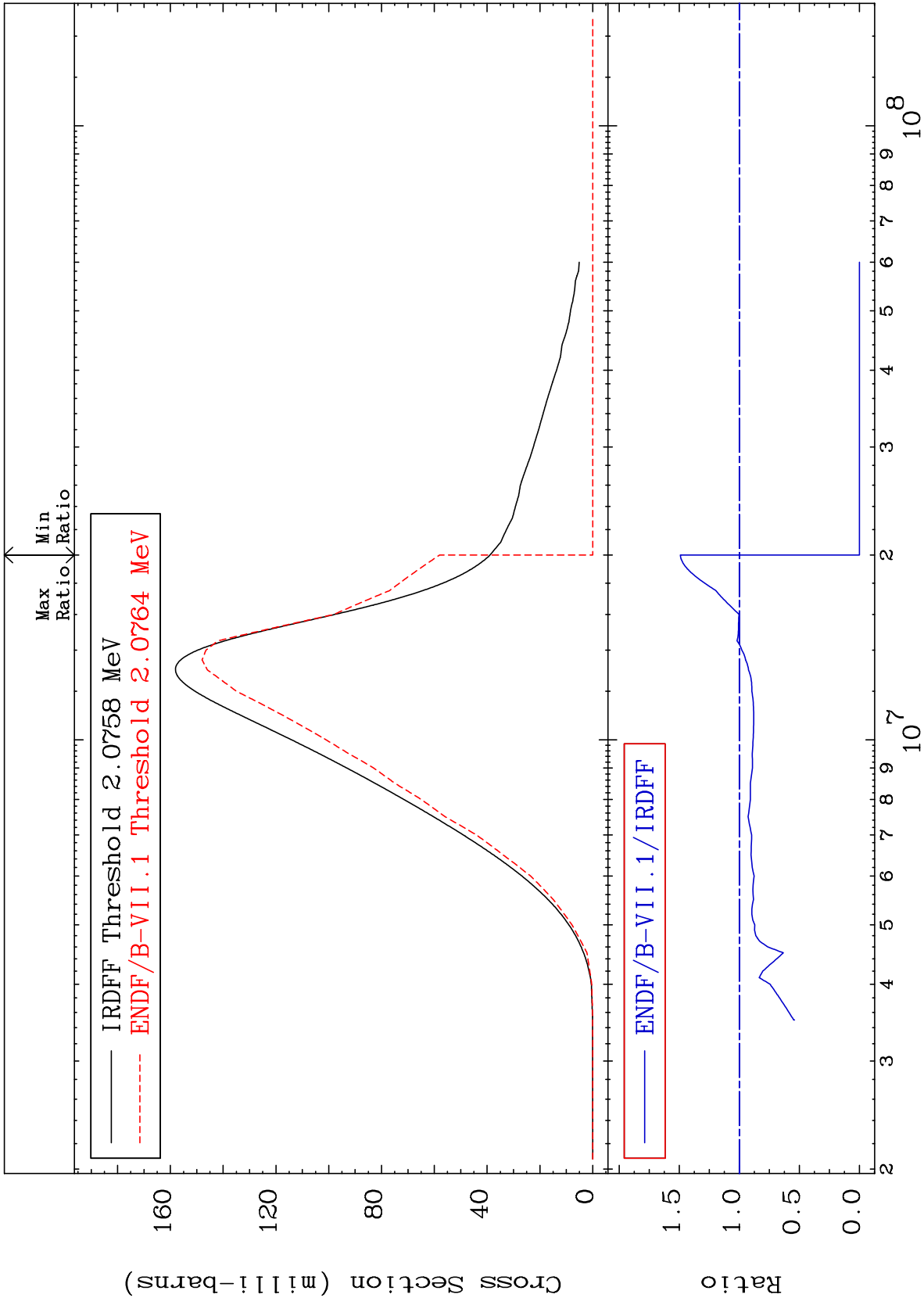
Incident Energy (eV)

²⁸Ni-60

MAT 2831

(n,p)
Cross Section

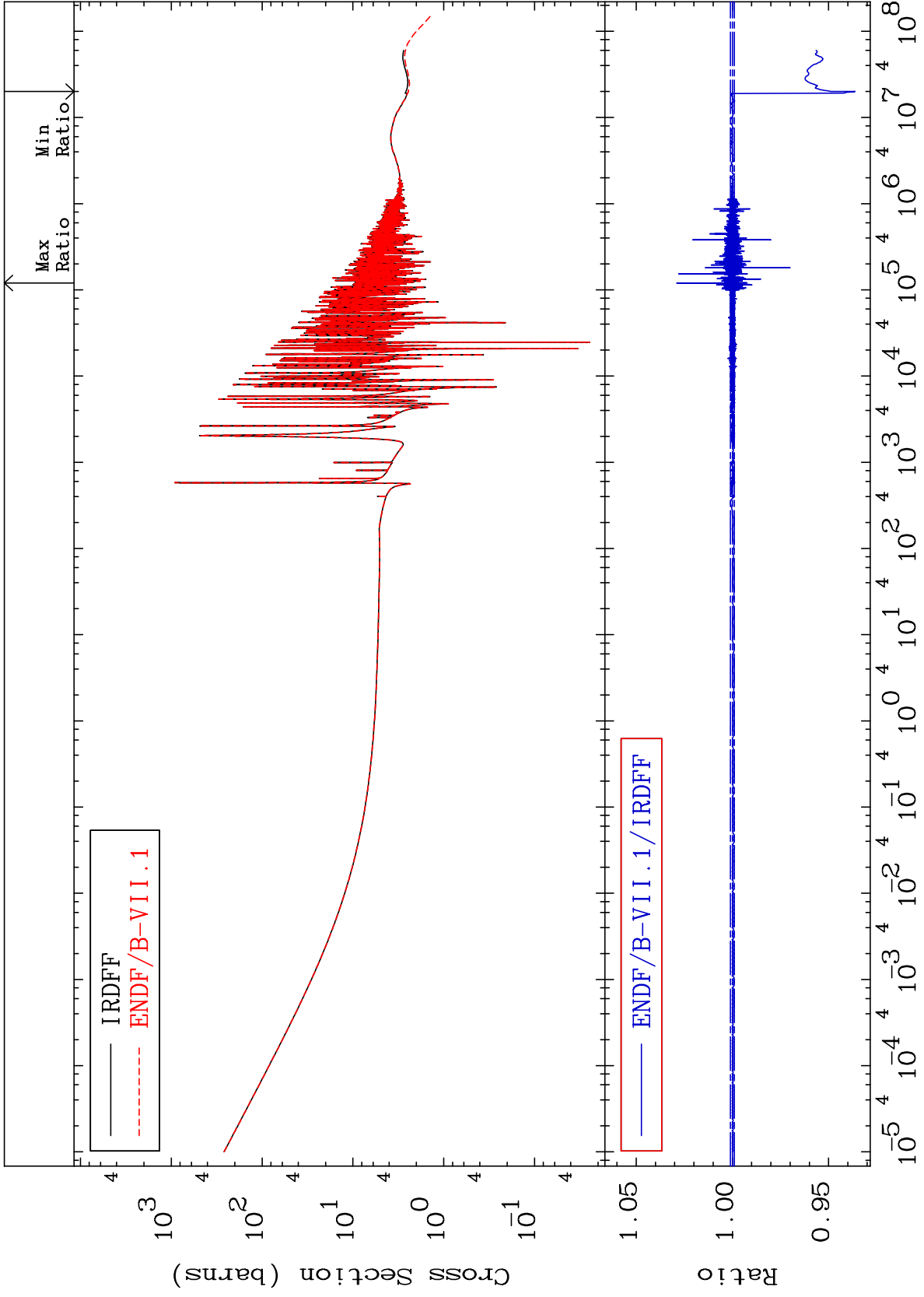
28-Ni-60
-100.0 To 49.15 %



MAT 2925

Total
Cross Section

29-Cu-63
-6.375 To 2.882 %



77

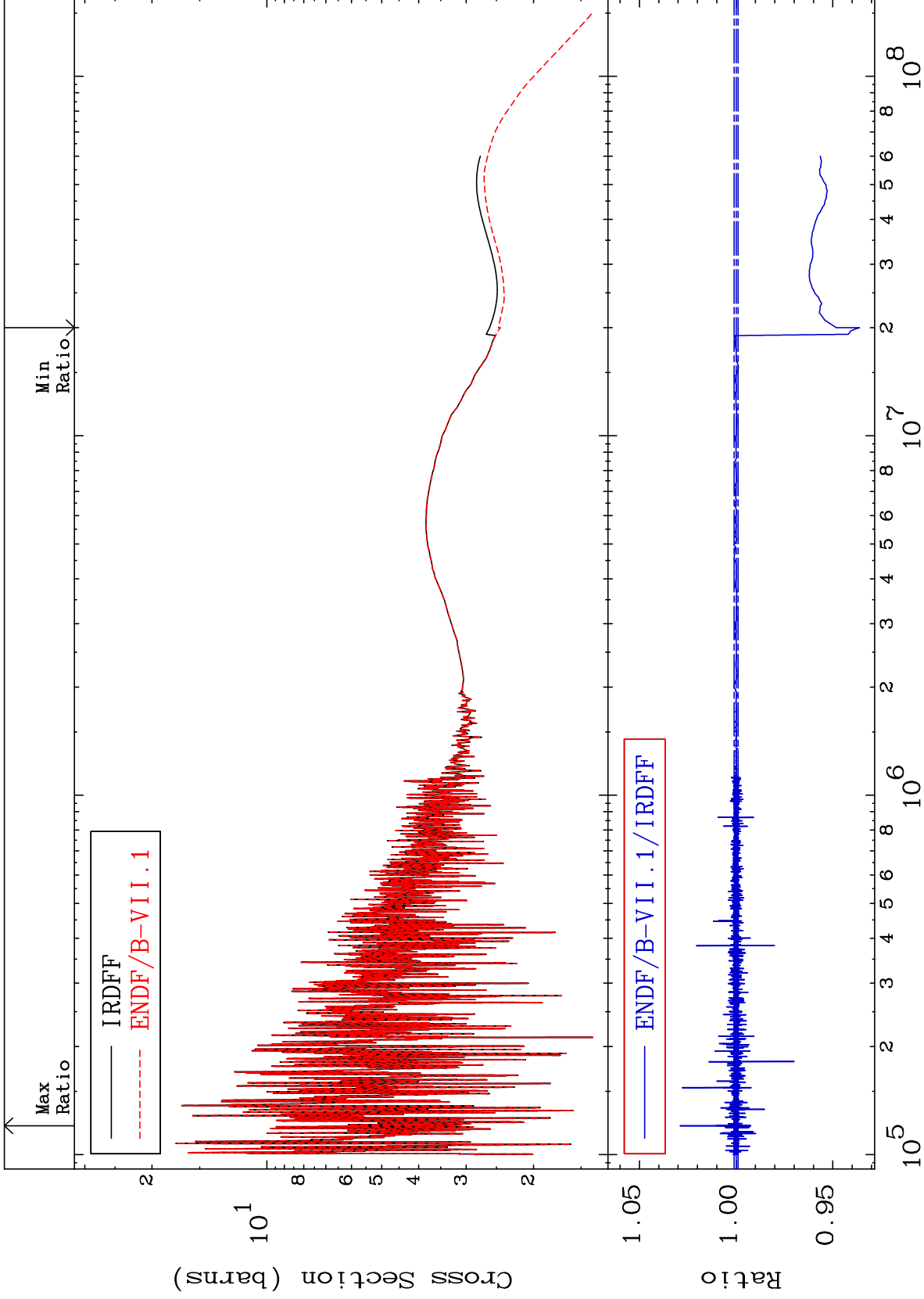
Incident Energy (eV)

29-Cu-63

MAT 2925

Total
Cross Section

29-Cu-63
-6.375 To 2.882 %



78

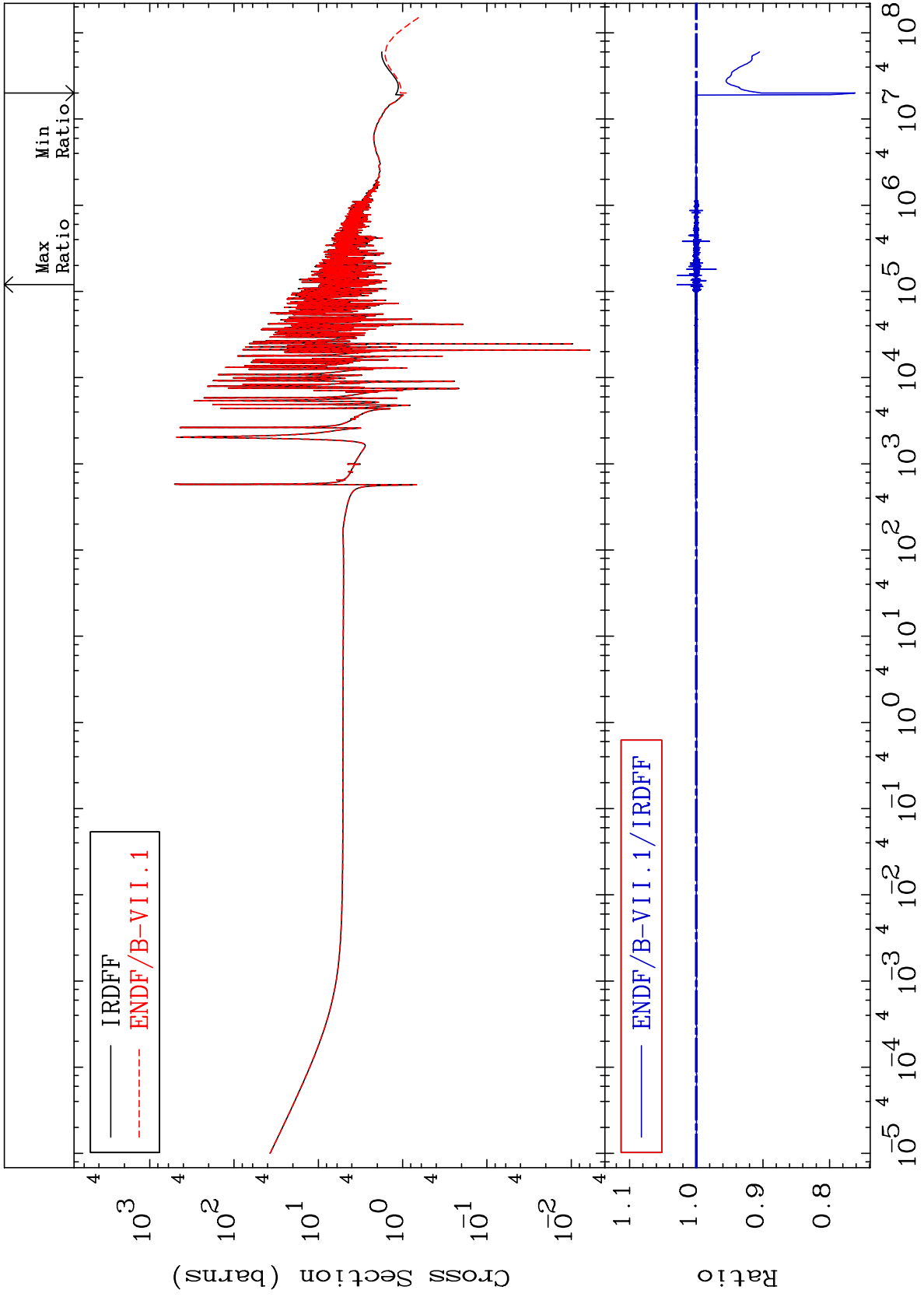
Incident Energy (eV)

29-Cu-63

MAT 2925

Elastic
Cross Section

29-Cu-63
-23.84 To 2.898 %



79

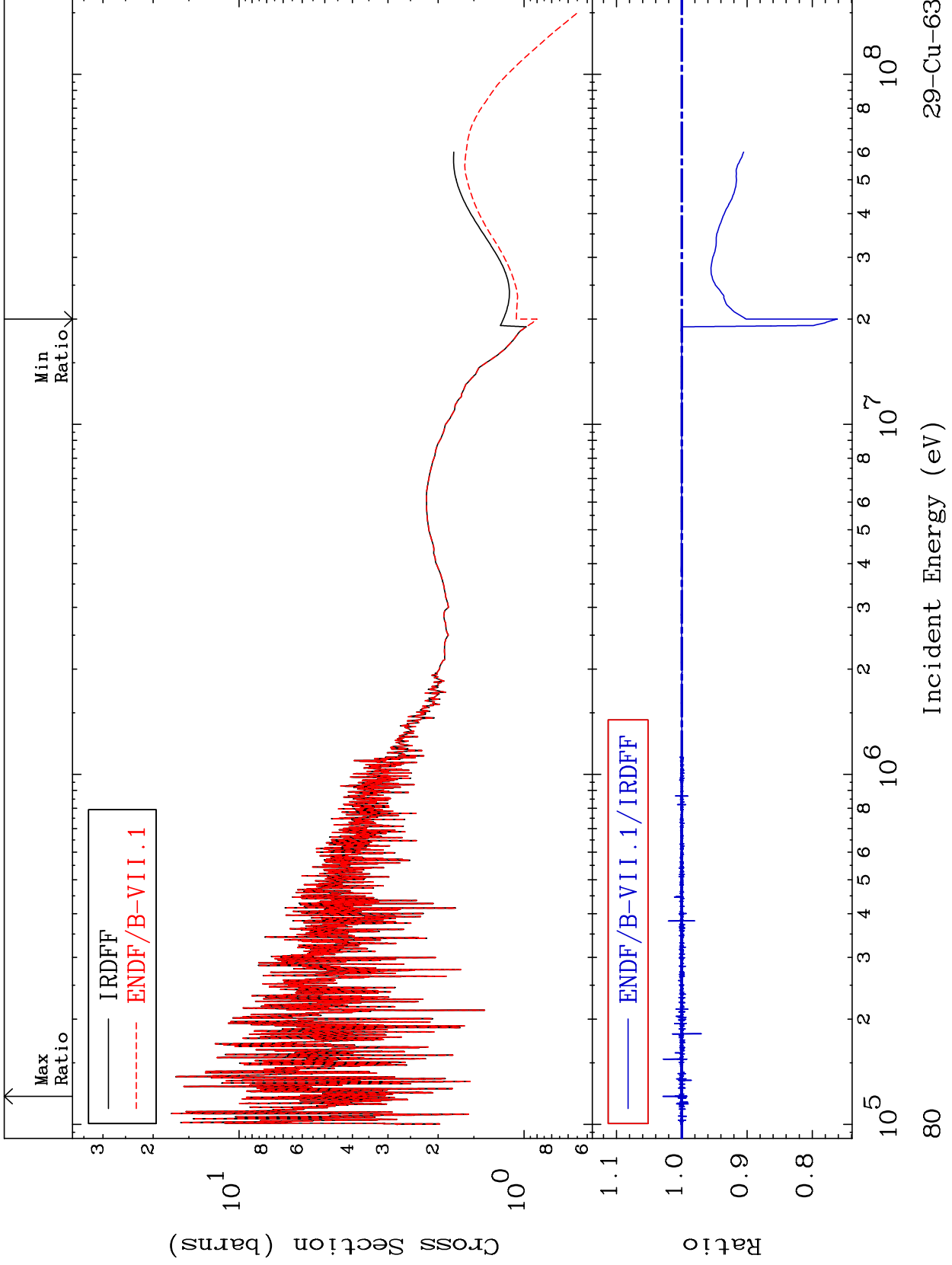
Incident Energy (eV)

29-Cu-63

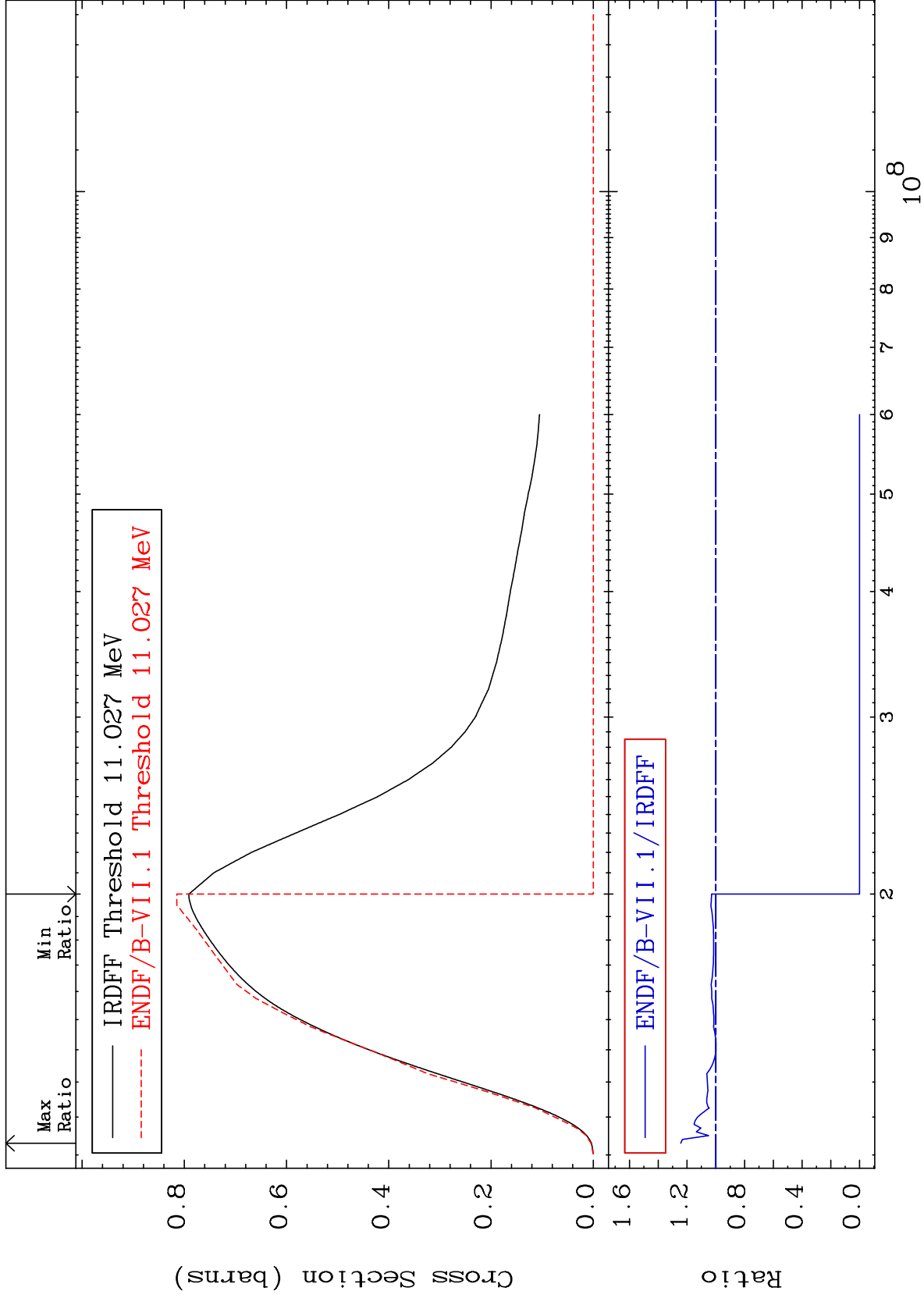
MAT 2925

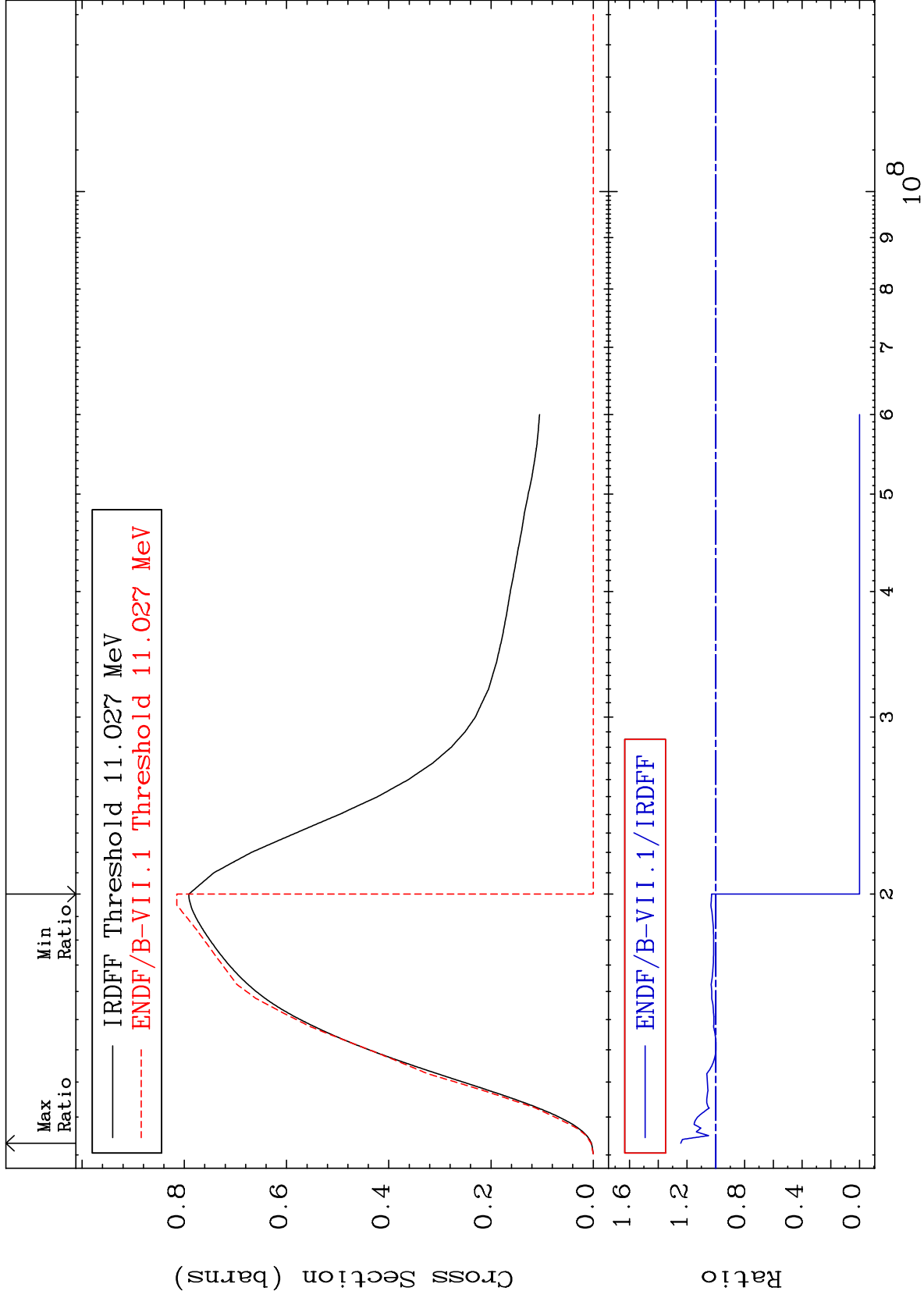
Elastic
Cross Section

29-Cu-63
-23.84 To 2.898 %



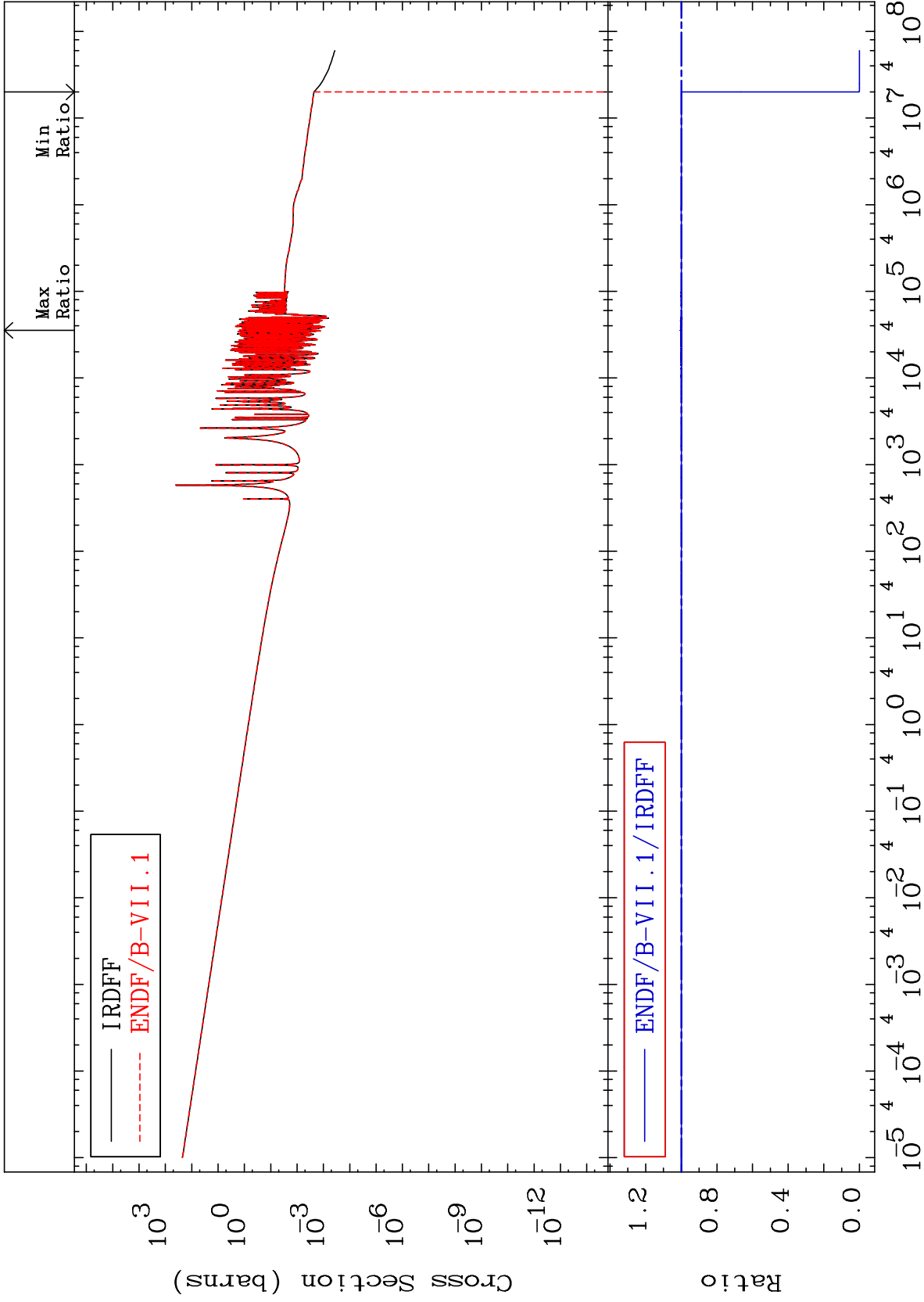
29-Cu-63





(n, γ)
Cross Section

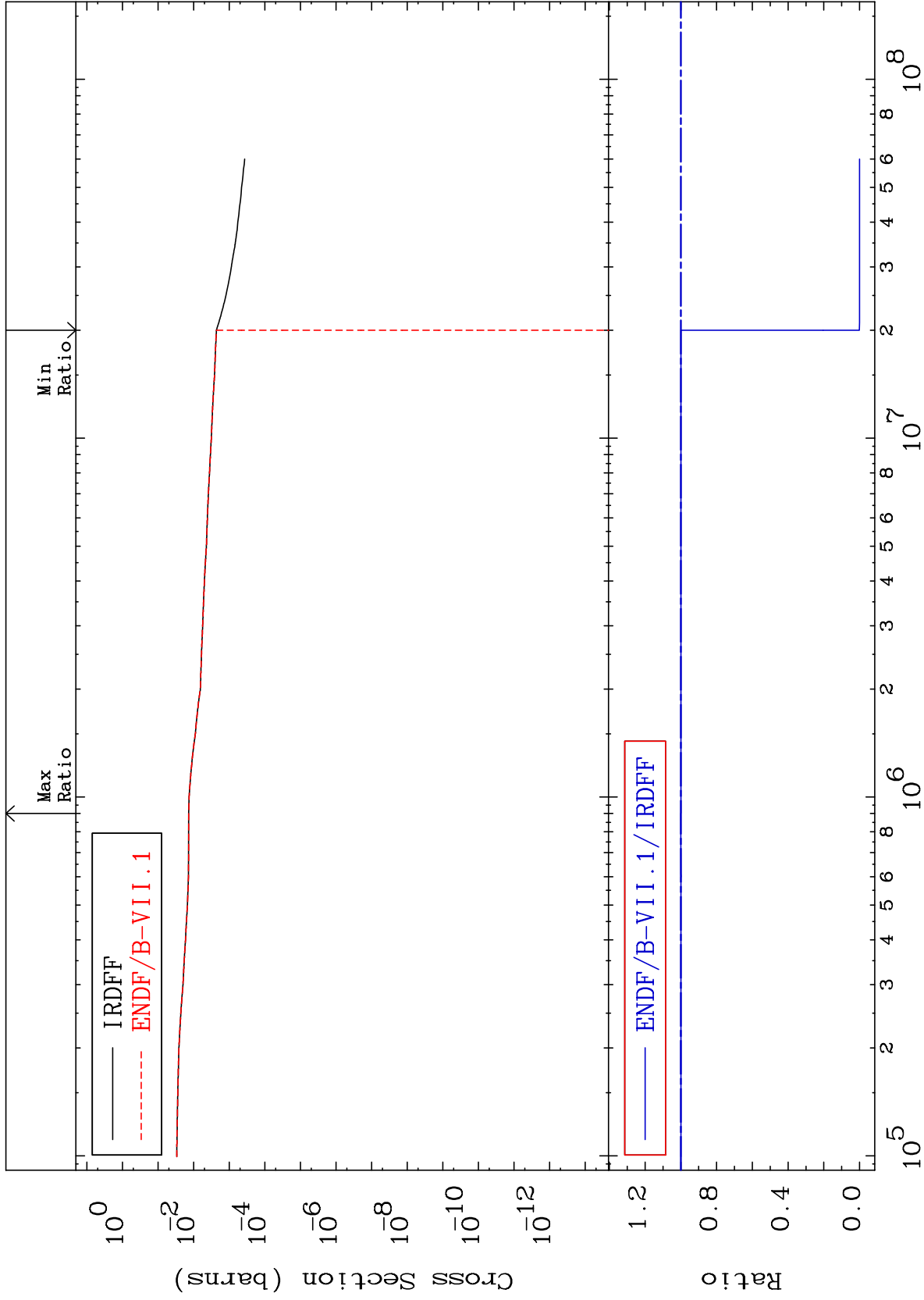
-100.0 To 0.519 %



MAT 2925

29-Cu-63

(n, γ)
Cross Section
-100.0 To 0.049 %



84

Incident Energy (eV)

29-Cu-63

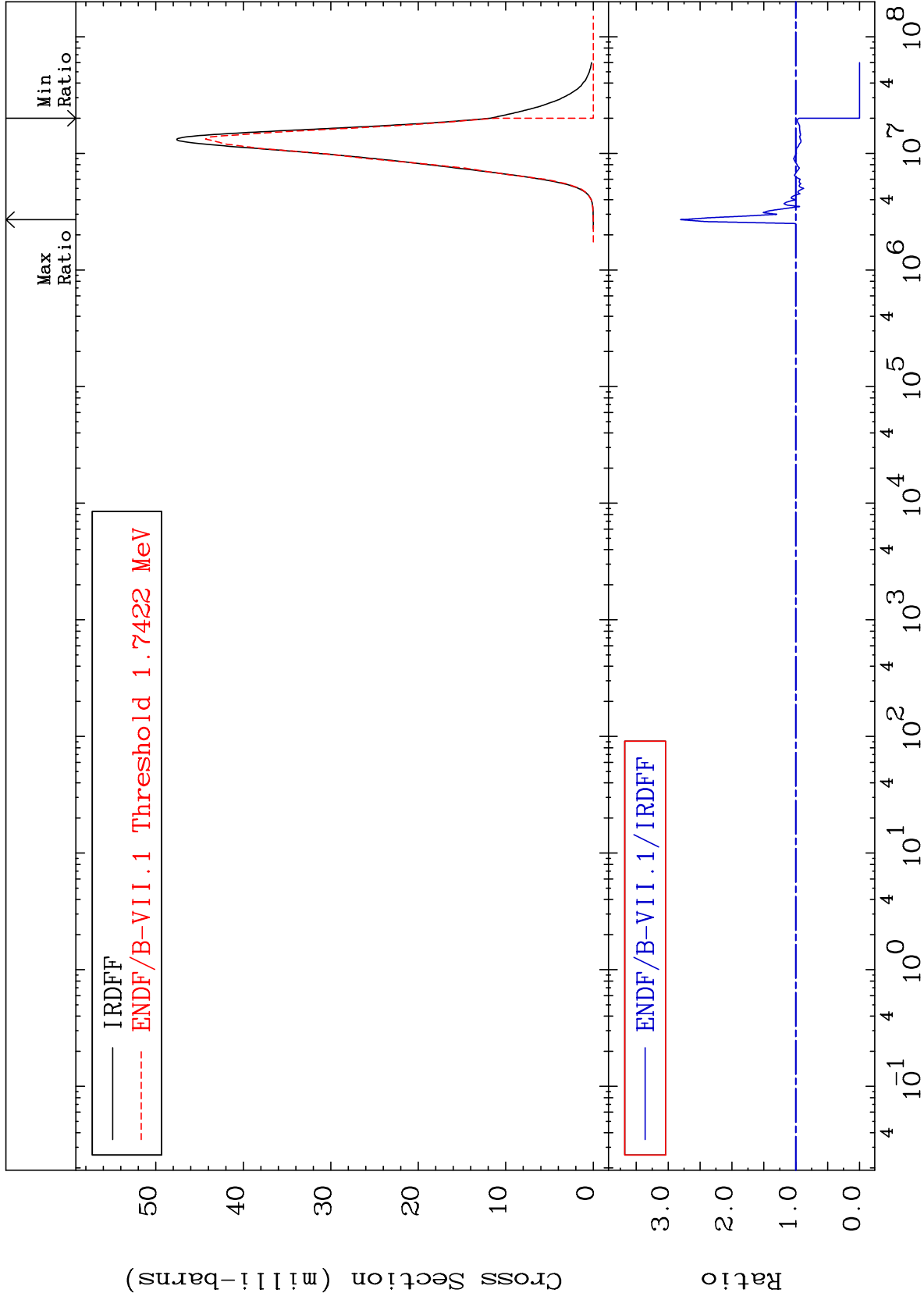
MAT 2925

(n, α)

29-Cu-63

Cross Section

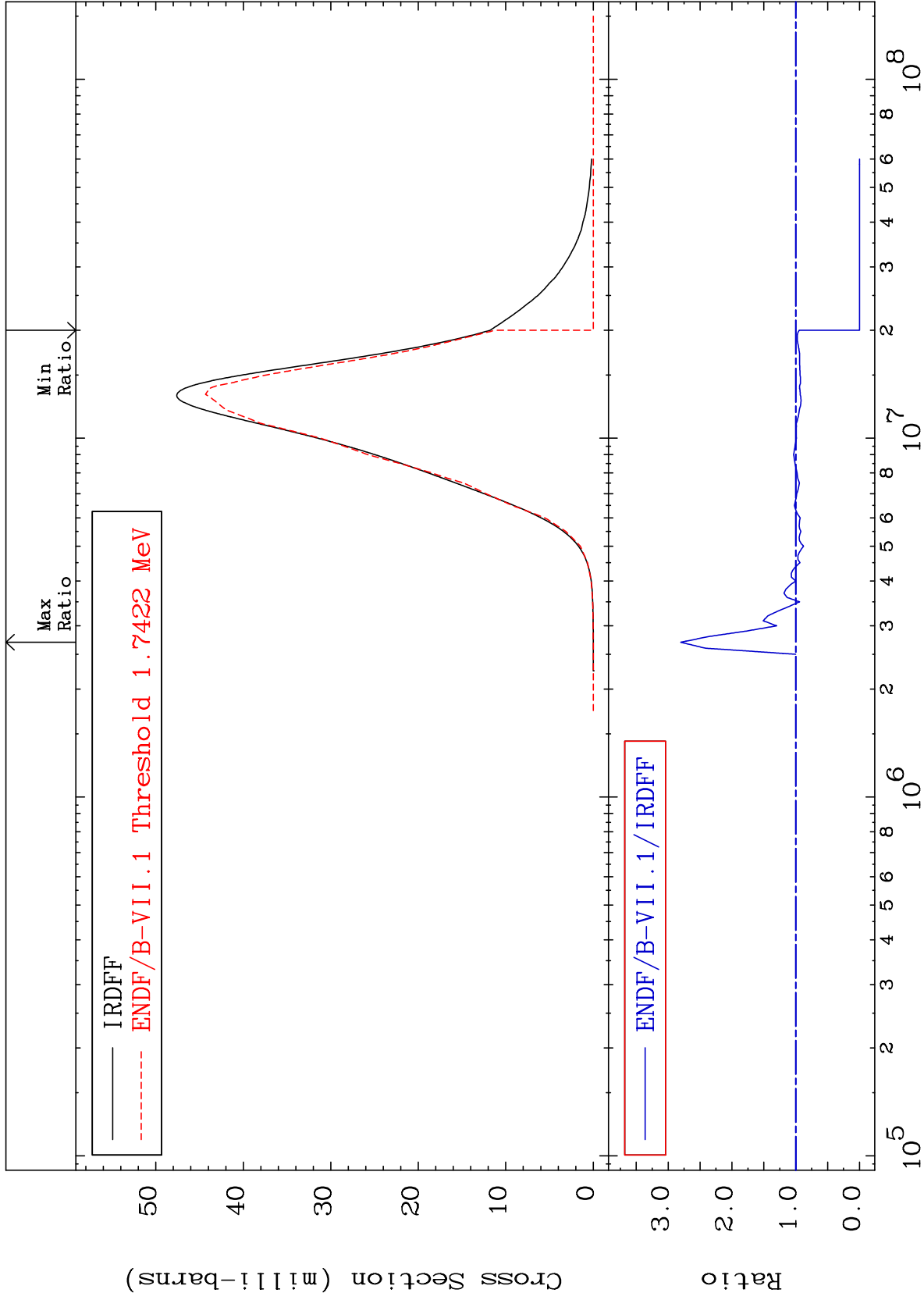
-100.0 To 180.2 %



MAT 2925

29-Cu-63

(n, α)
Cross Section
-100.0 To 180.2 %



86

Incident Energy (eV)

29-Cu-63

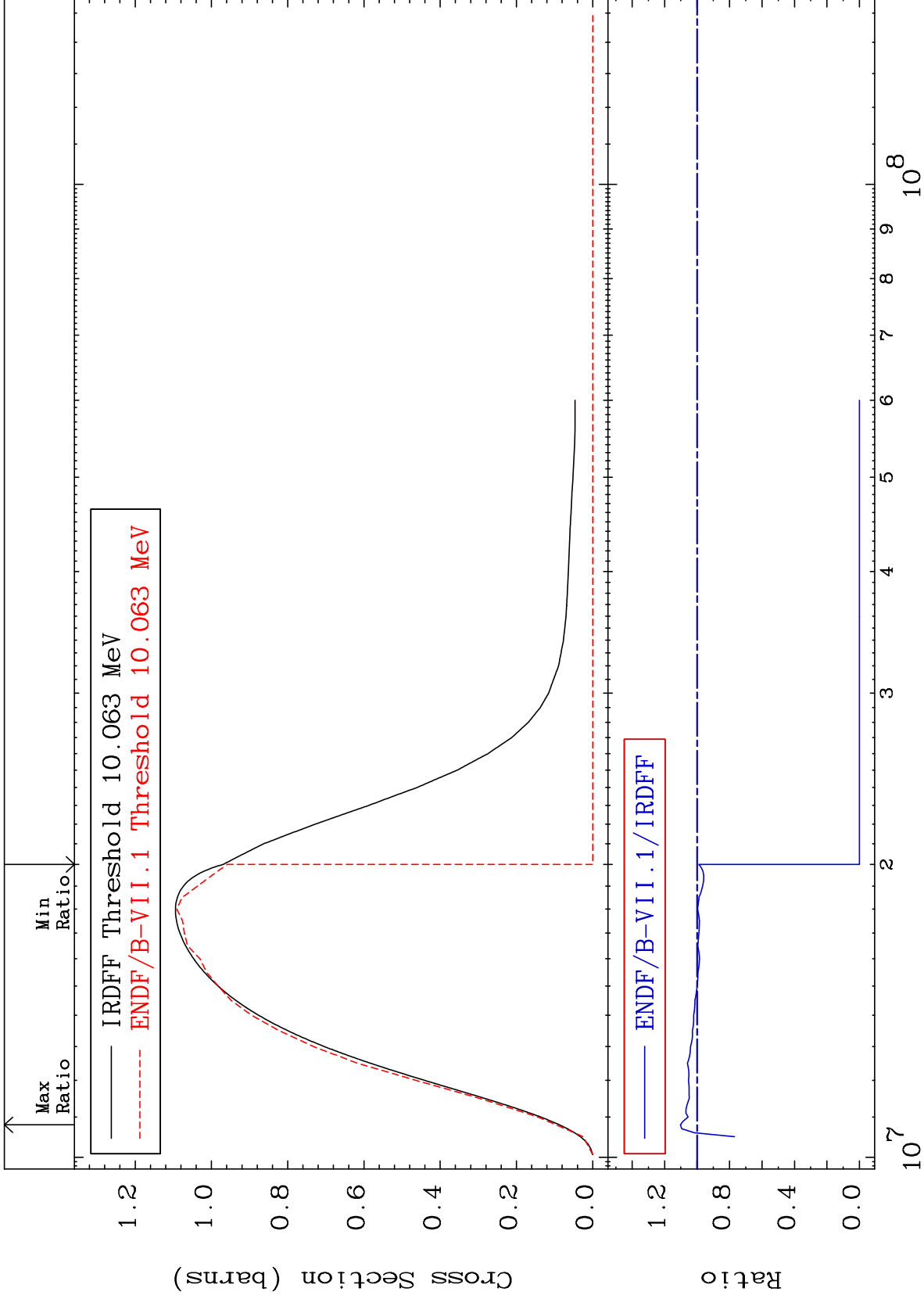
MAT 2931

(n,2n)

29-Cu-65

Cross Section

-100.0 To 10.29 %



87

Incident Energy (eV)

29-Cu-65

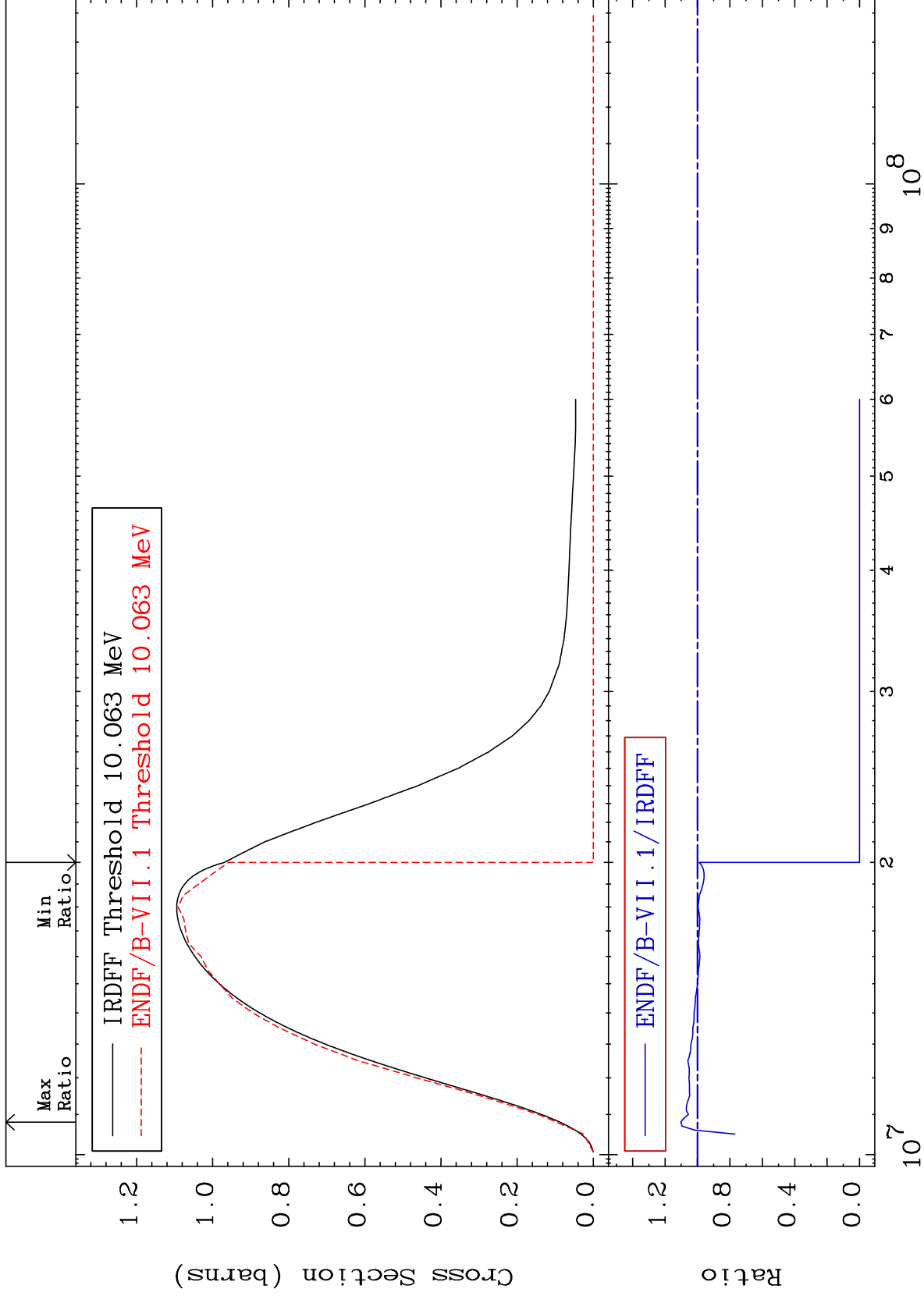
MAT 2931

(n,2n)

29-Cu-65

Cross Section

-100.0 To 10.29 %



88

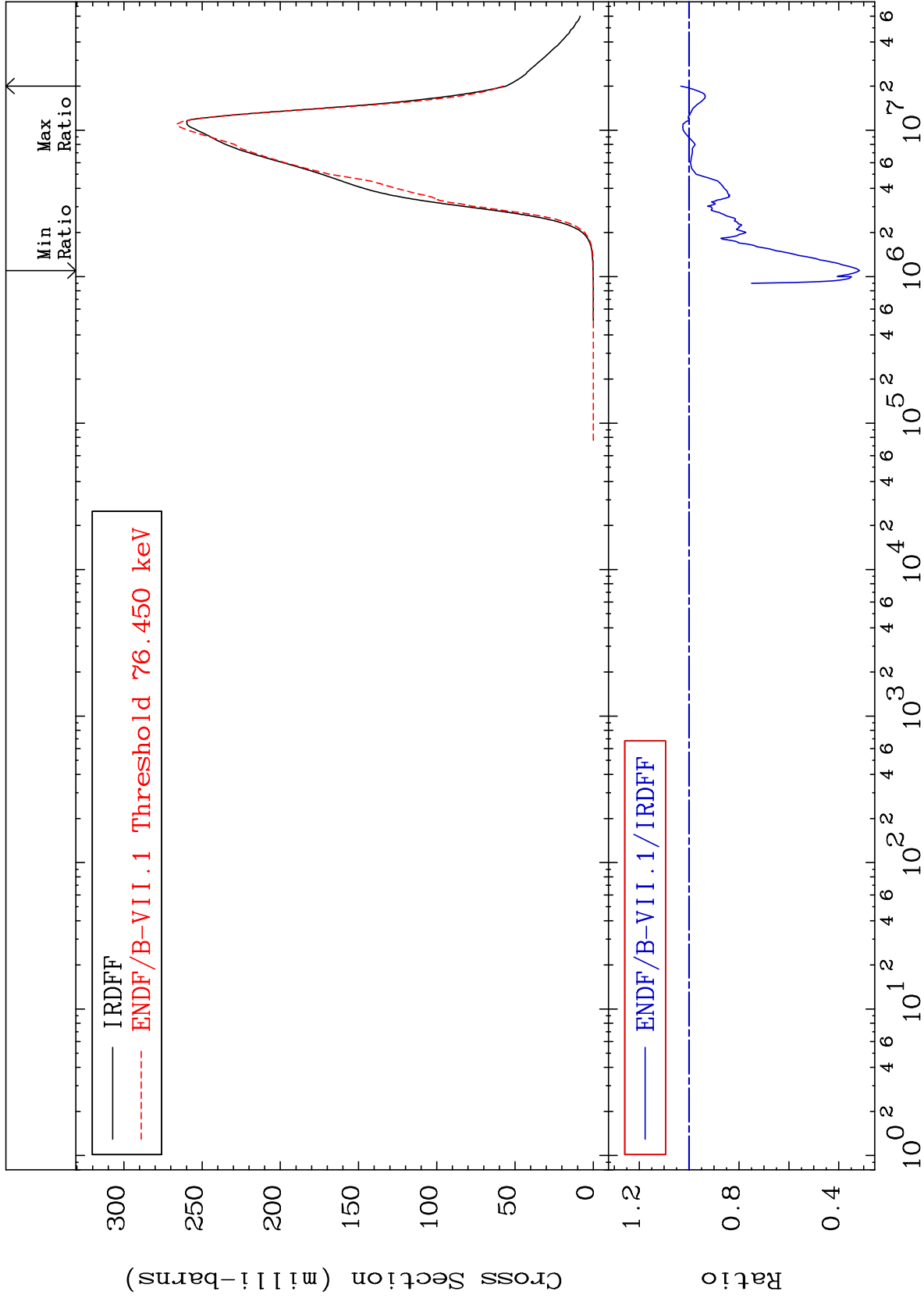
Incident Energy (eV)

29-Cu-65

MAT 3025

(n,p)
Cross Section

30-Zn-64
-68.32 To 3.343 %



89

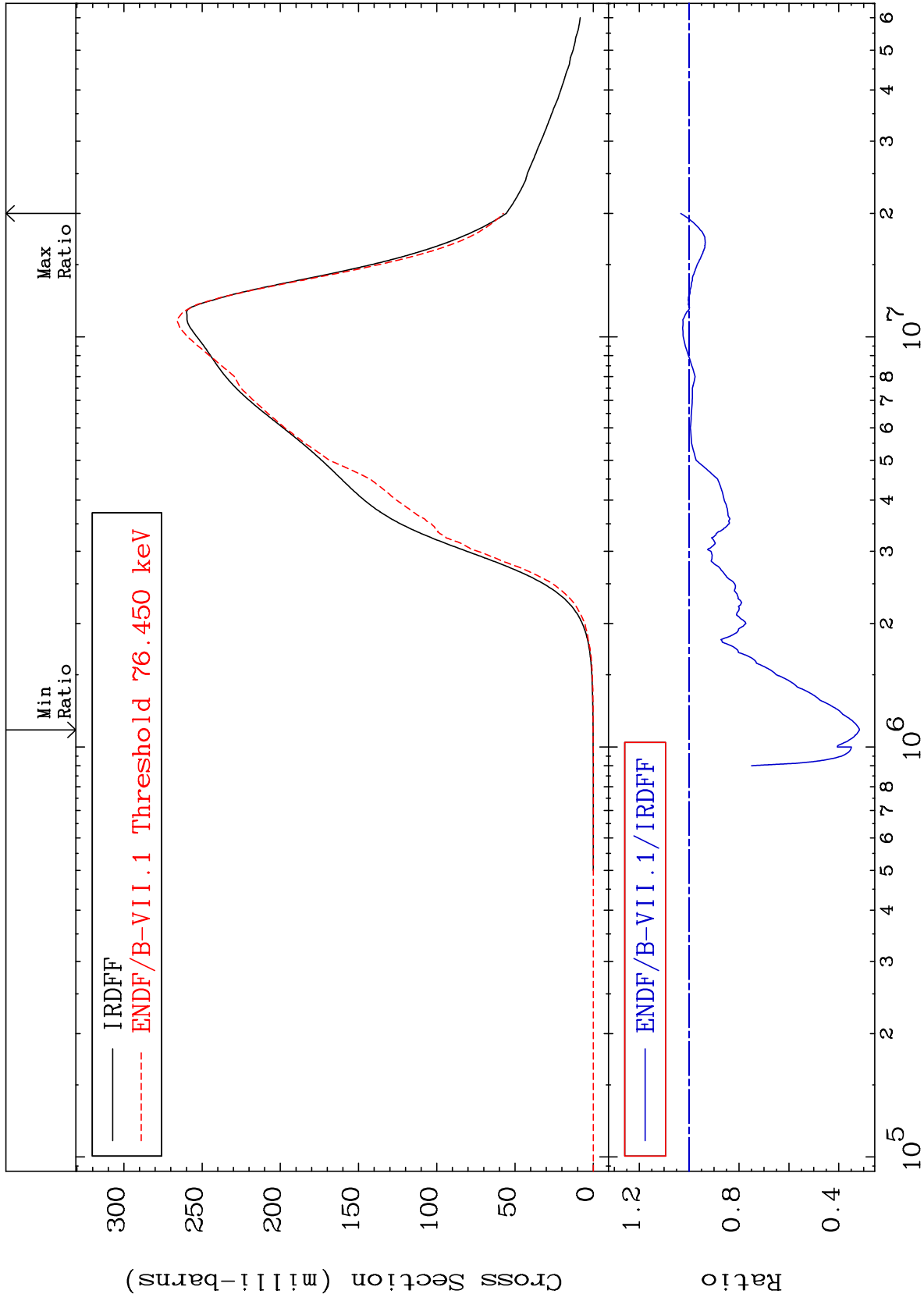
Incident Energy (eV)

30-Zn-64

MAT 3025

(n,p)
Cross Section

30-Zn-64
-68.32 To 3.343 %



90

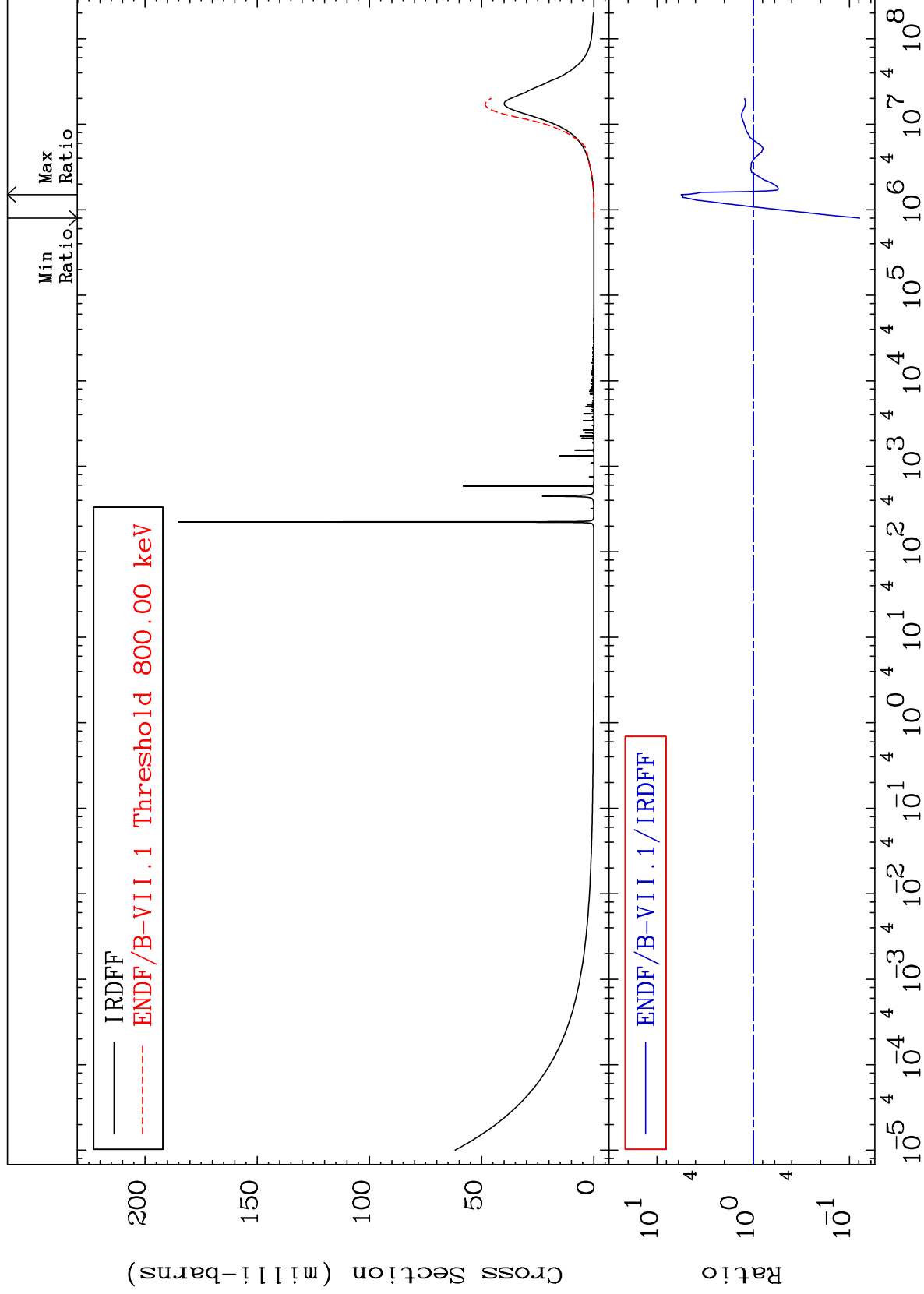
Incident Energy (eV)

30-Zn-64

MAT 3034

(n, p)
Cross Section

30-Zn-67
-92.15 To 461.9 %



91

Incident Energy (eV)

30-Zn-67

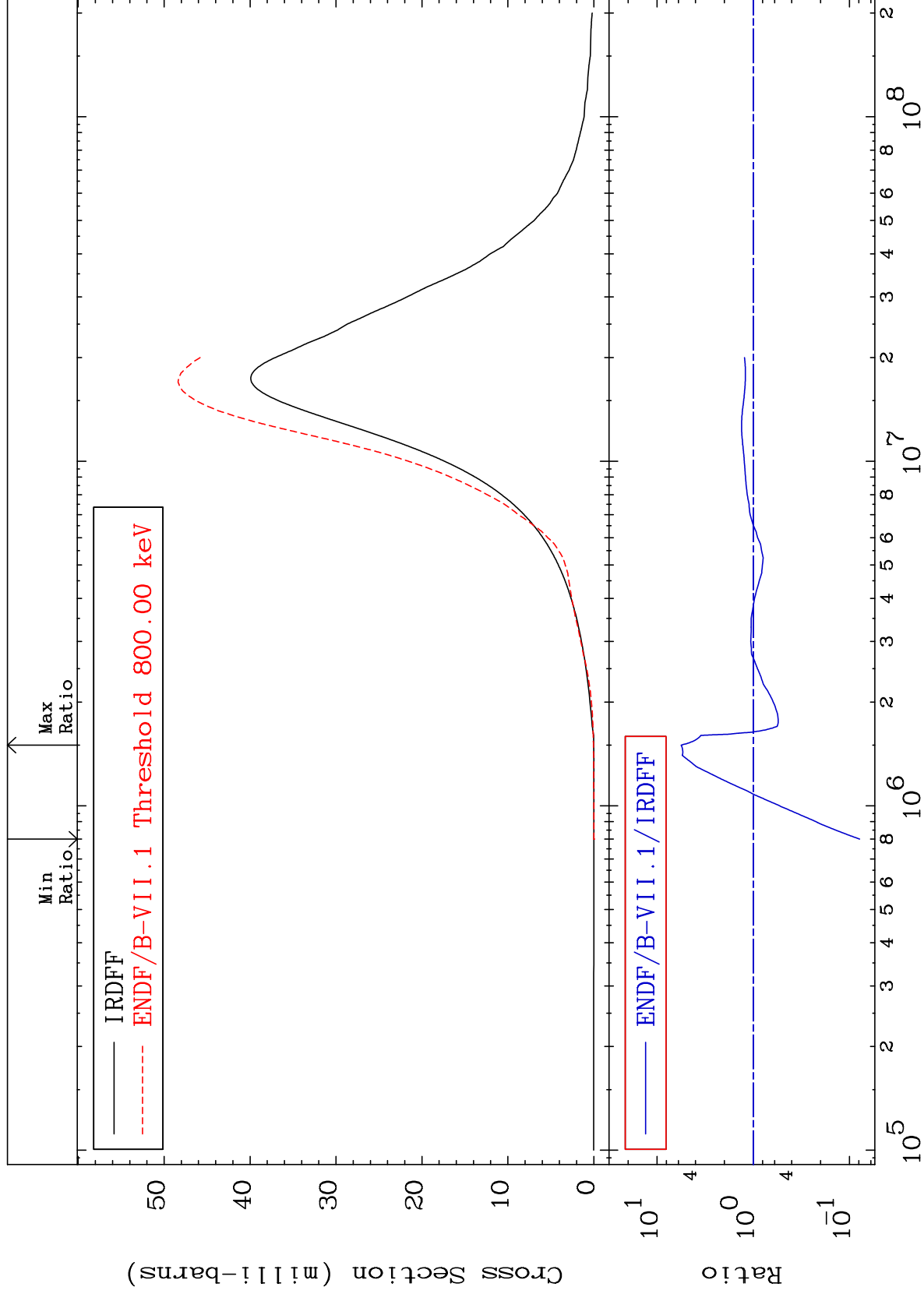
MAT 3034

(n,p)

30-Zn-67

Cross Section

-92.15 To 461.9 %



92

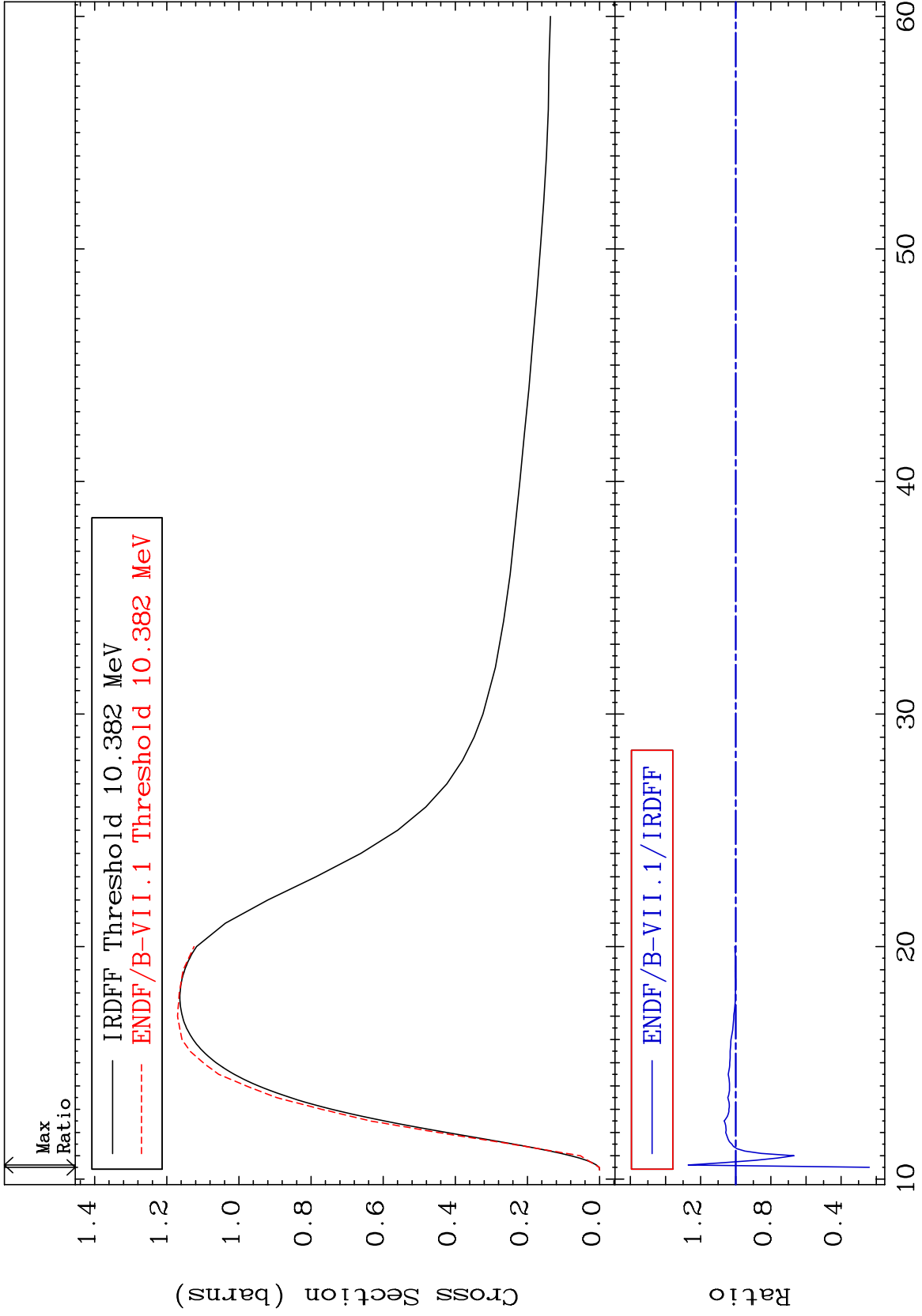
Incident Energy (eV)

30-Zn-67

MAT 3325

(n,2n)
Cross Section

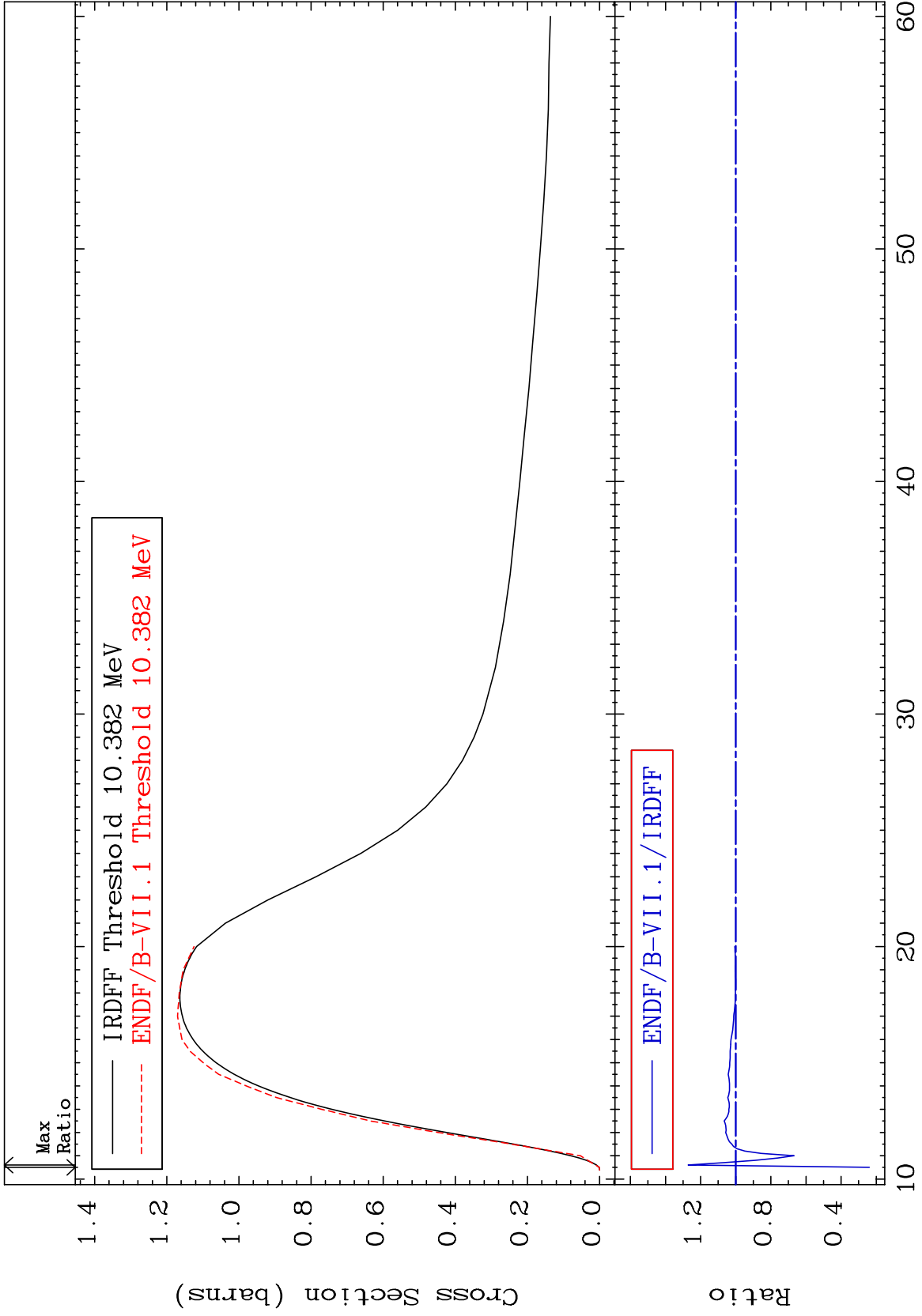
33-As-75
-76.08 To 27.07 %



MAT 3325

(n,2n)
Cross Section

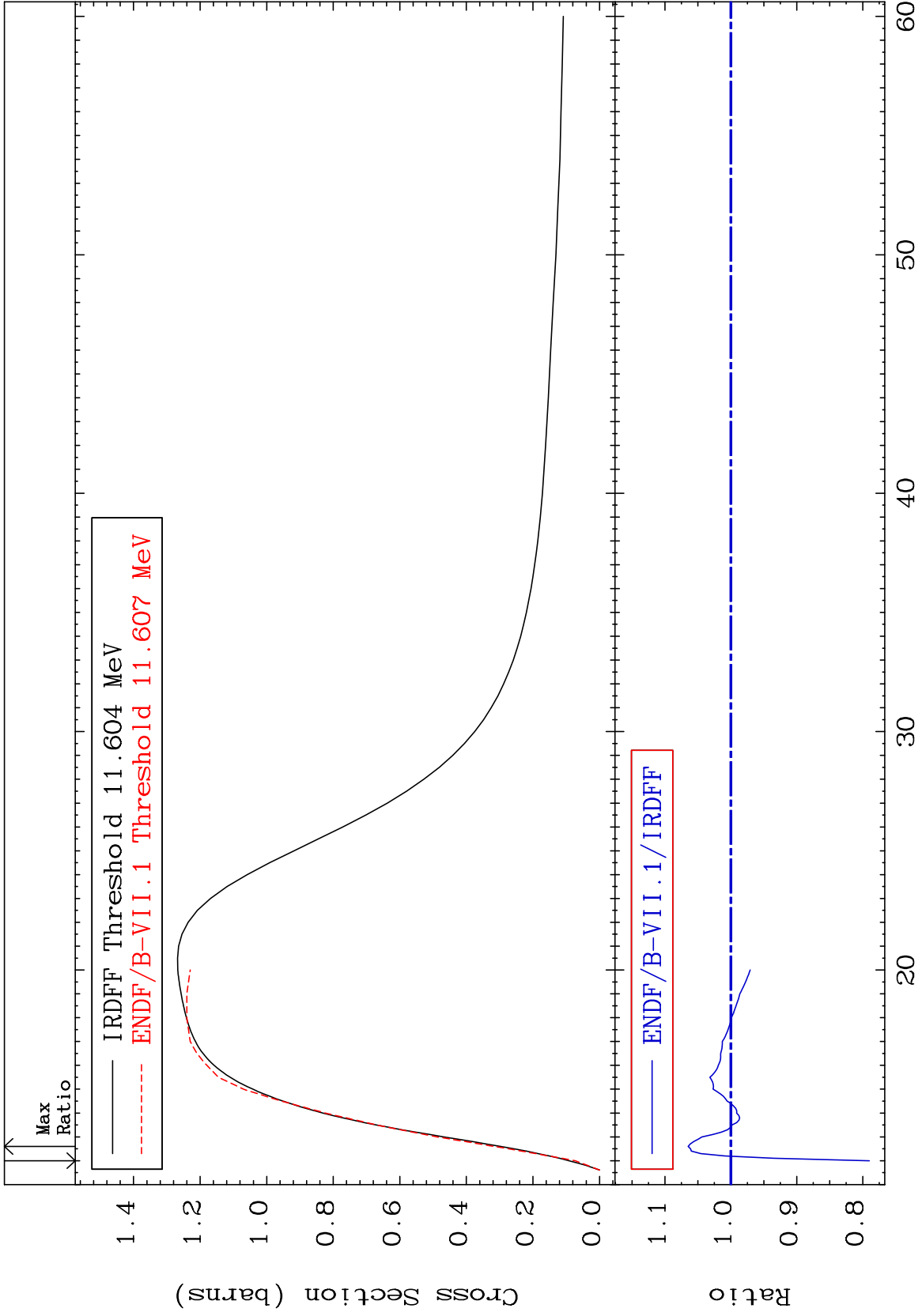
33-As-75
-76.08 To 27.07 %



MAT 3925

(n,2n)
Cross Section

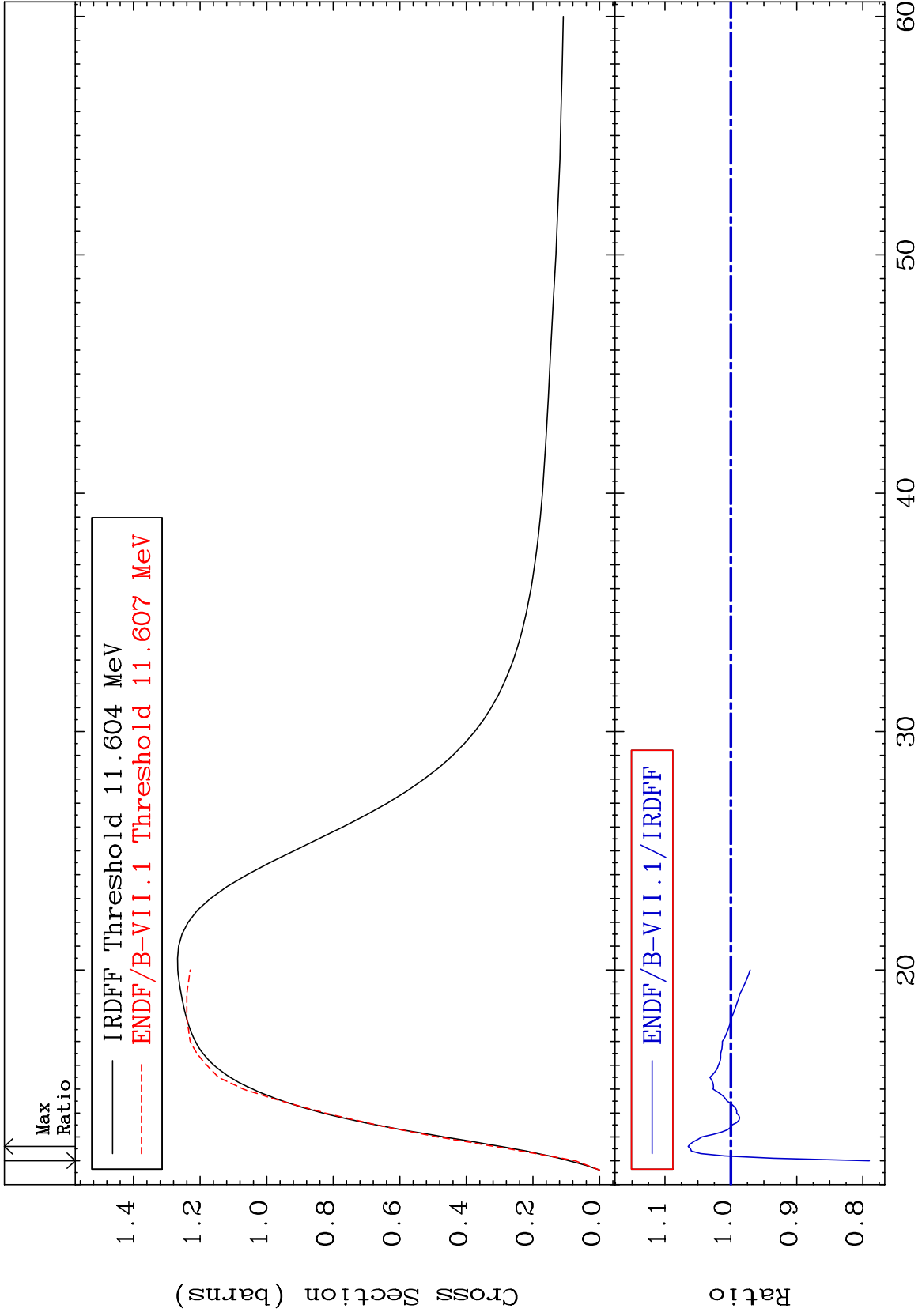
39-Y -89
-21.01 To 6.469 %



95

Incident Energy (MeV)

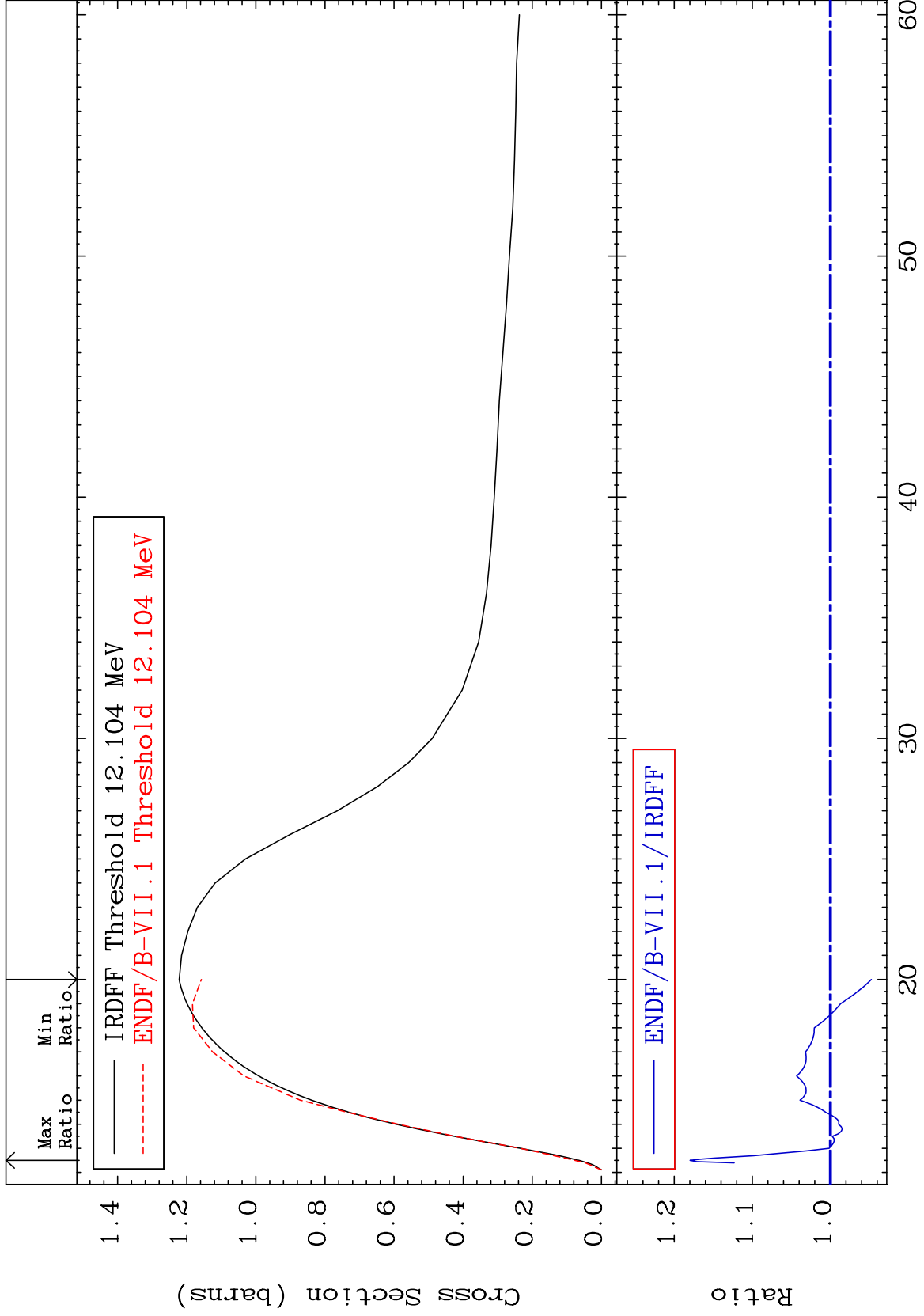
39-Y -89



MAT 4025

(n,2n)
Cross Section

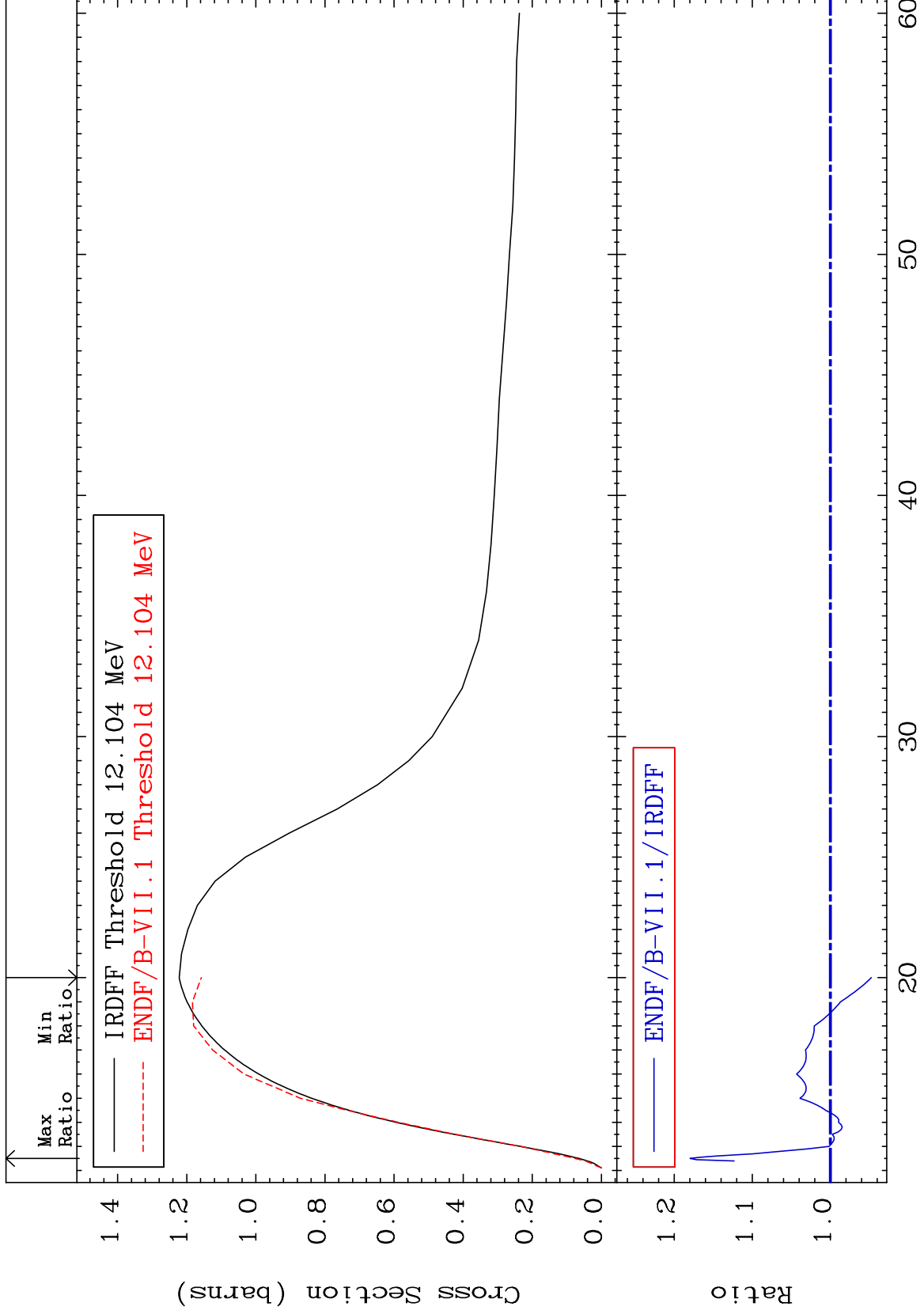
40-Zr-90
-5.238 To 17.96 %



MAT 4025

(n,2n)
Cross Section

40-Zr-90
-5.238 To 17.96 %



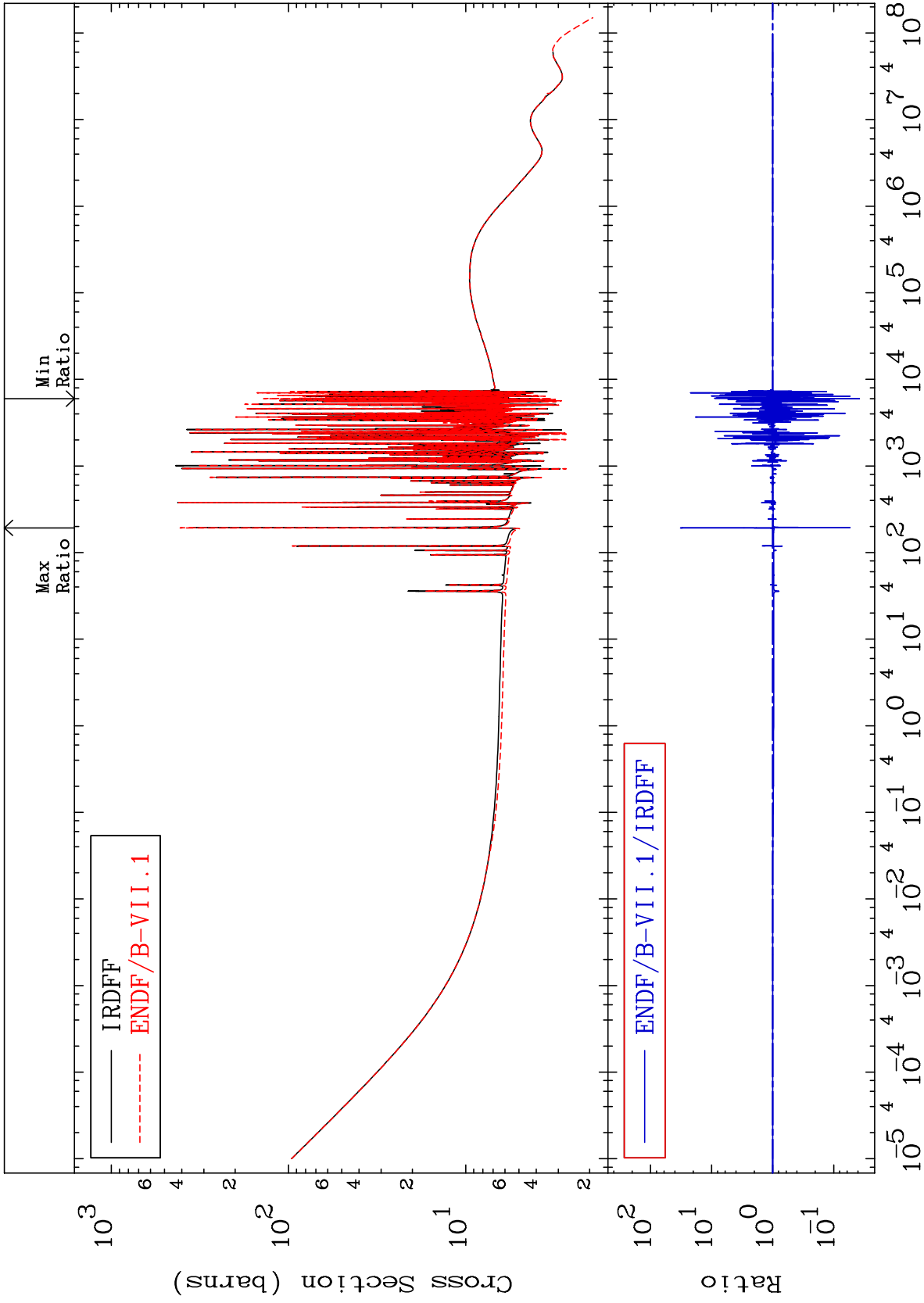
98

Incident Energy (MeV)

40-Zr-90

MAT 4125

Total Cross Section
41-Nb-93
-96.21 To 3153. %



99

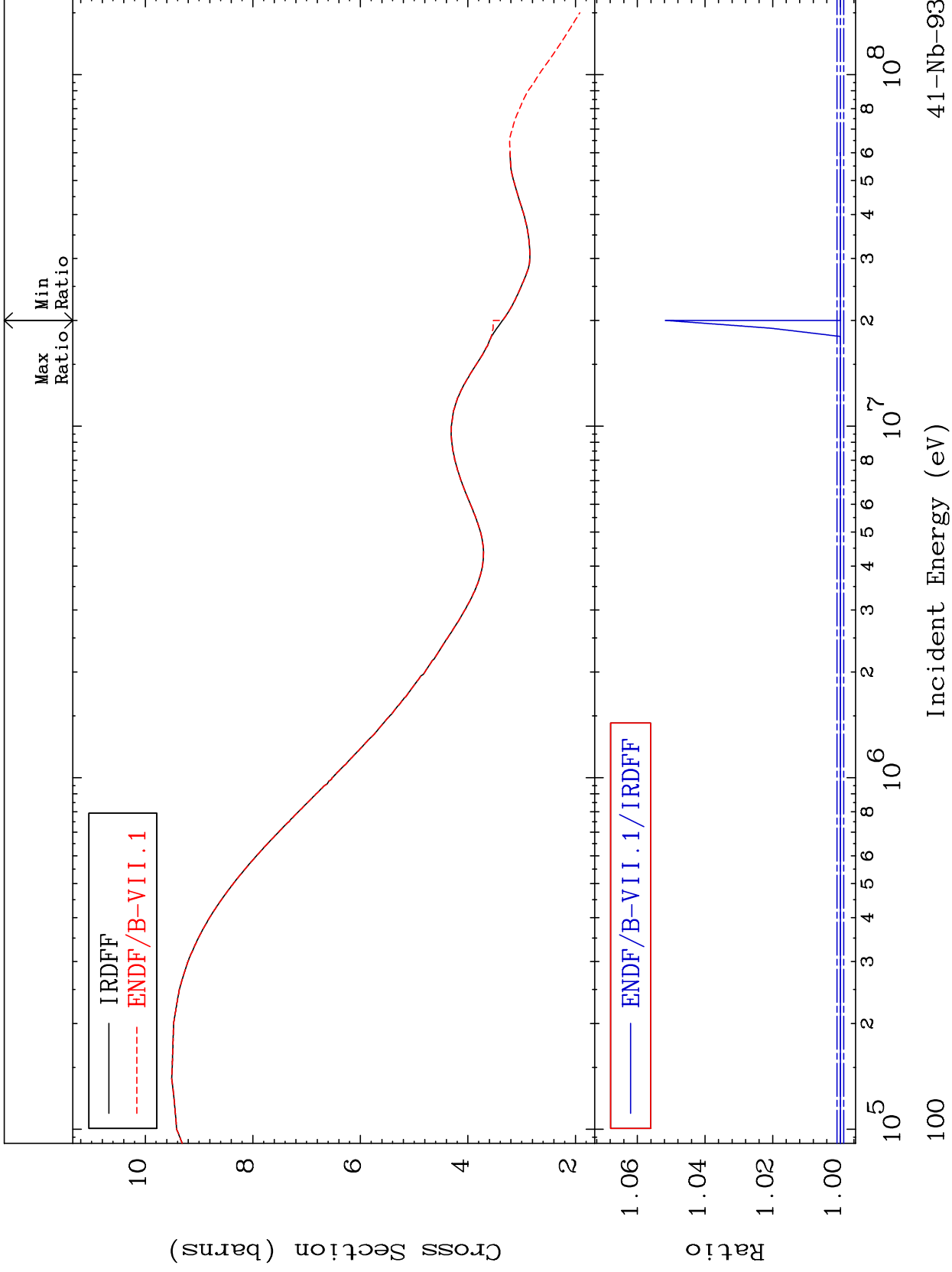
Incident Energy (eV)

41-Nb-93

MAT 4125

Total
Cross Section

41-Nb-93
-0.009 To 5.168 %

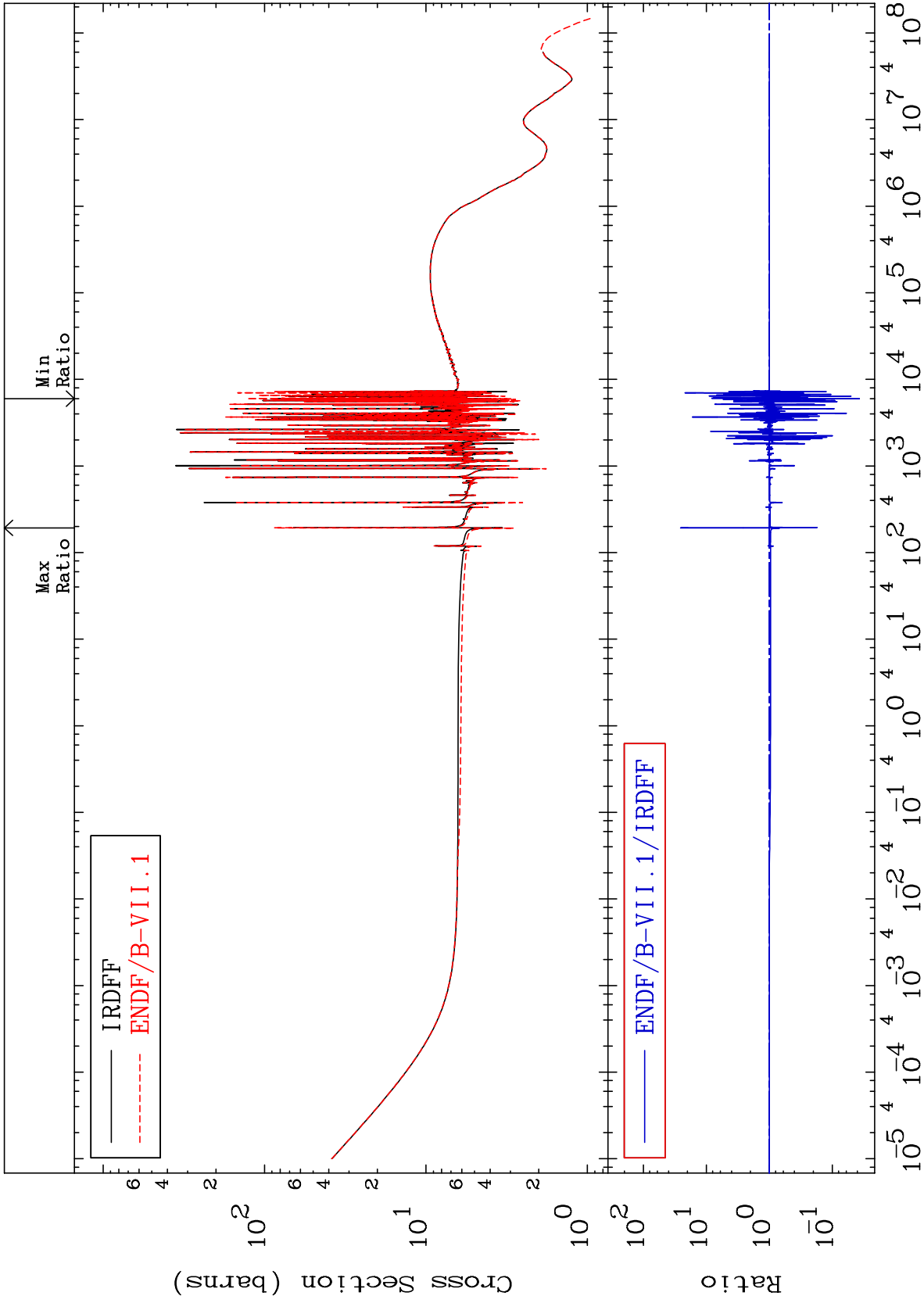


41-Nb-93

MAT 4125

Elastic
Cross Section

41-Nb-93
-96.28 To 2496. %



101

Incident Energy (eV)

41-Nb-93

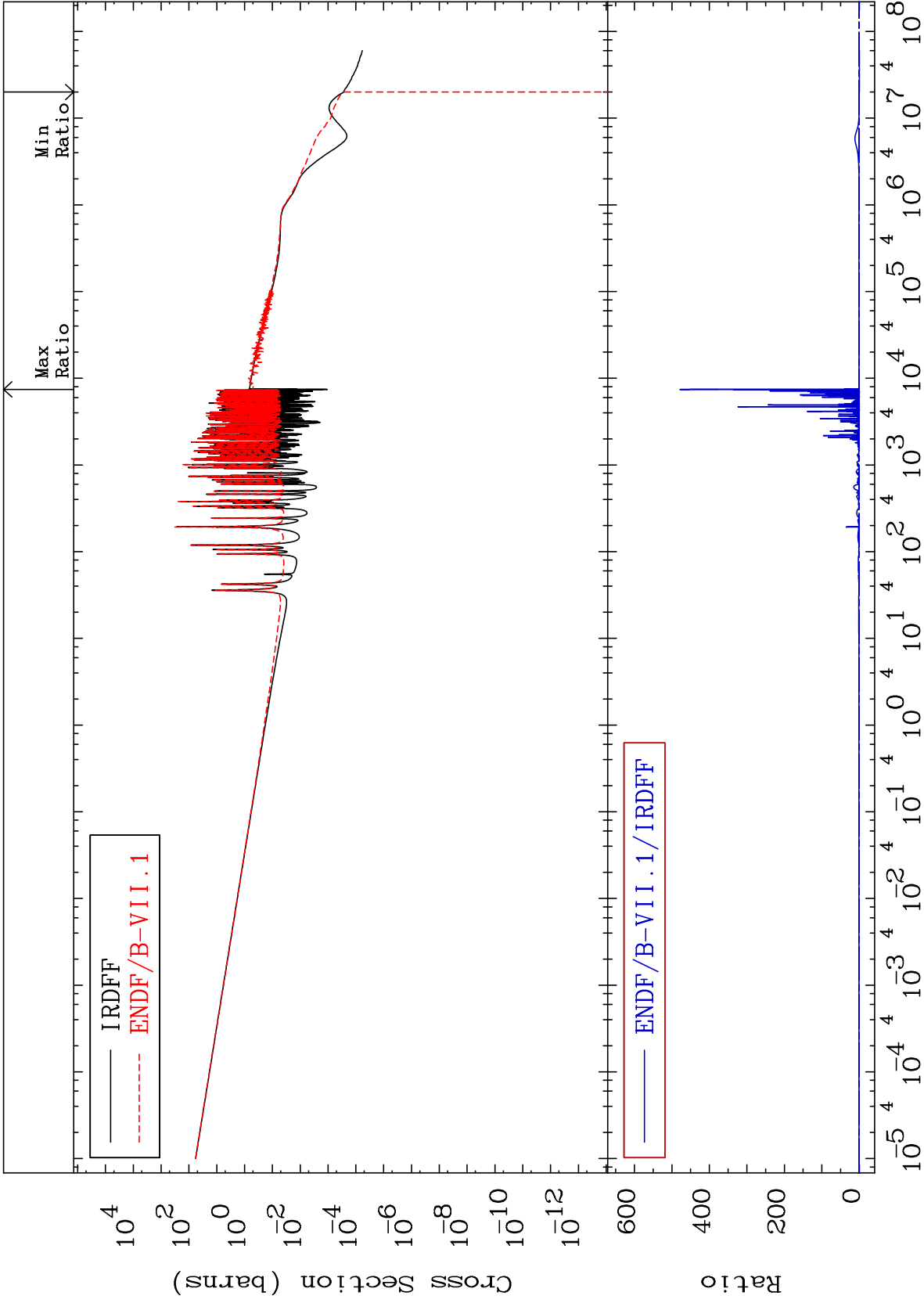
MAT 4125

(n, γ)

41-Nb-93

Cross Section

-100.0 To 9999. %

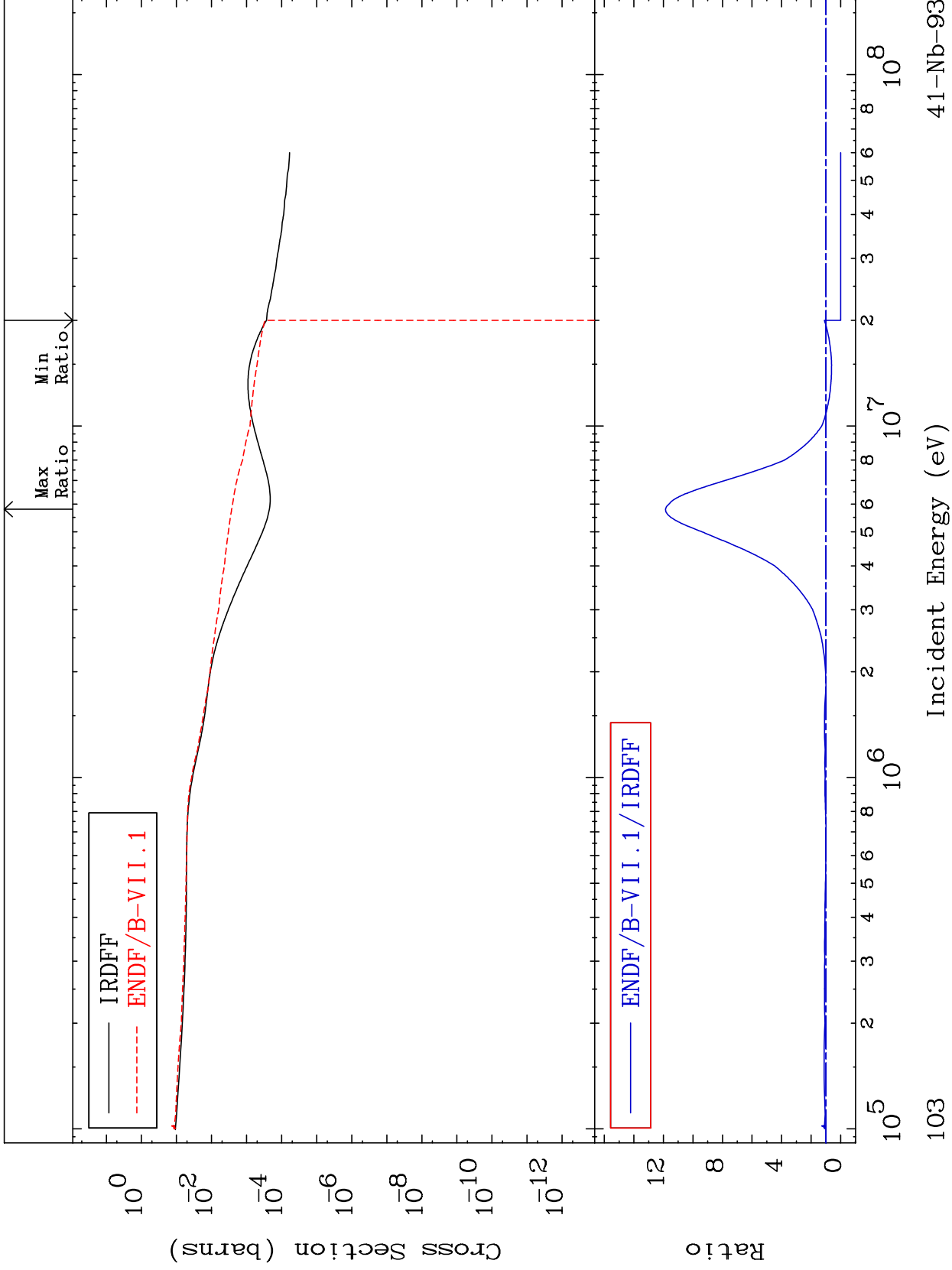


Incident Energy (eV)

41-Nb-93

MAT 4125

(n, γ)
Cross Section
-100.0 To 1086. %
41-Nb-93

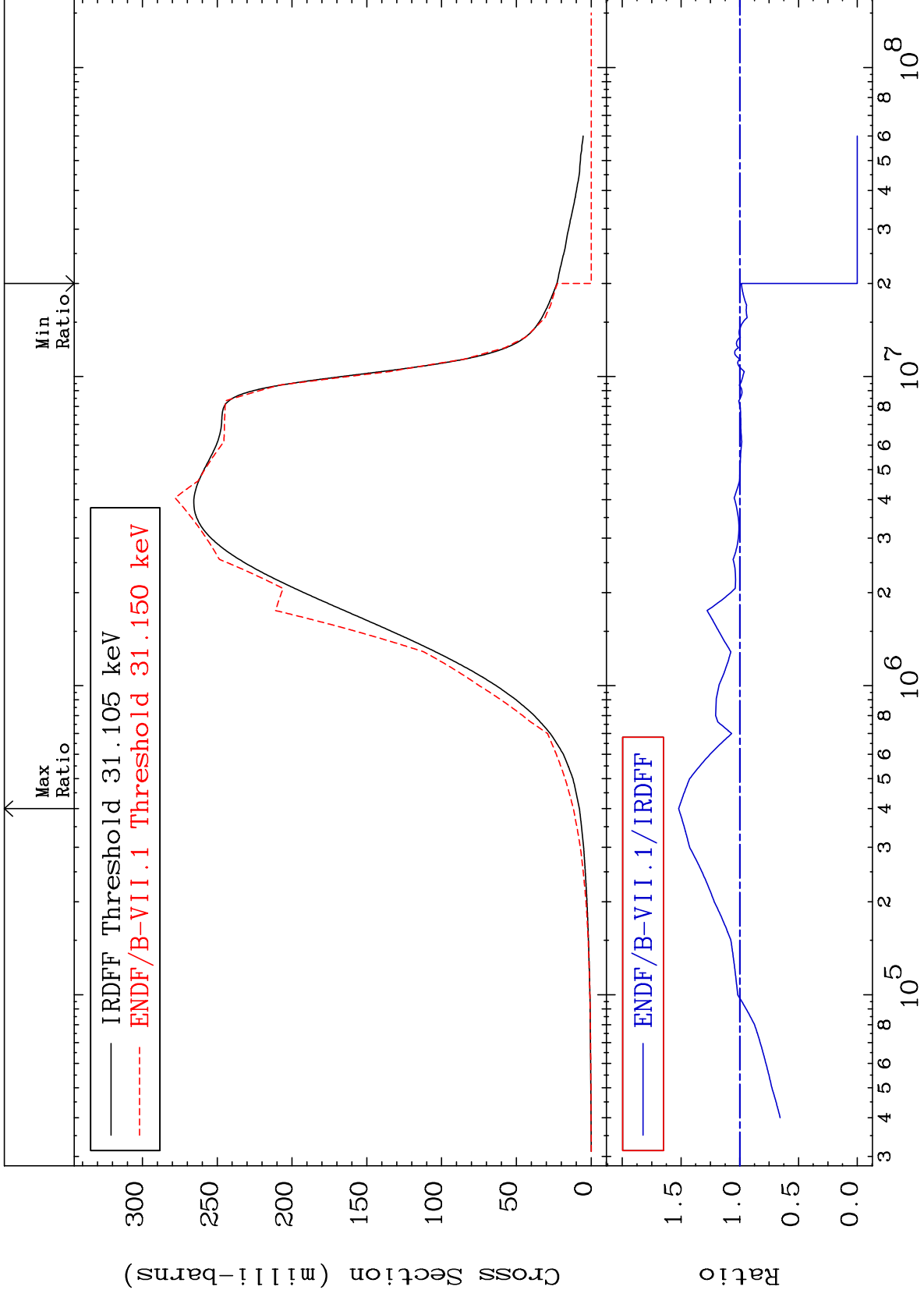


MAT 4125

Inelastic:41-Nb-93m1

41-Nb-93

Radionuclide Production Cross Section -100.0 To 52.05 %



104

Incident Energy (eV)

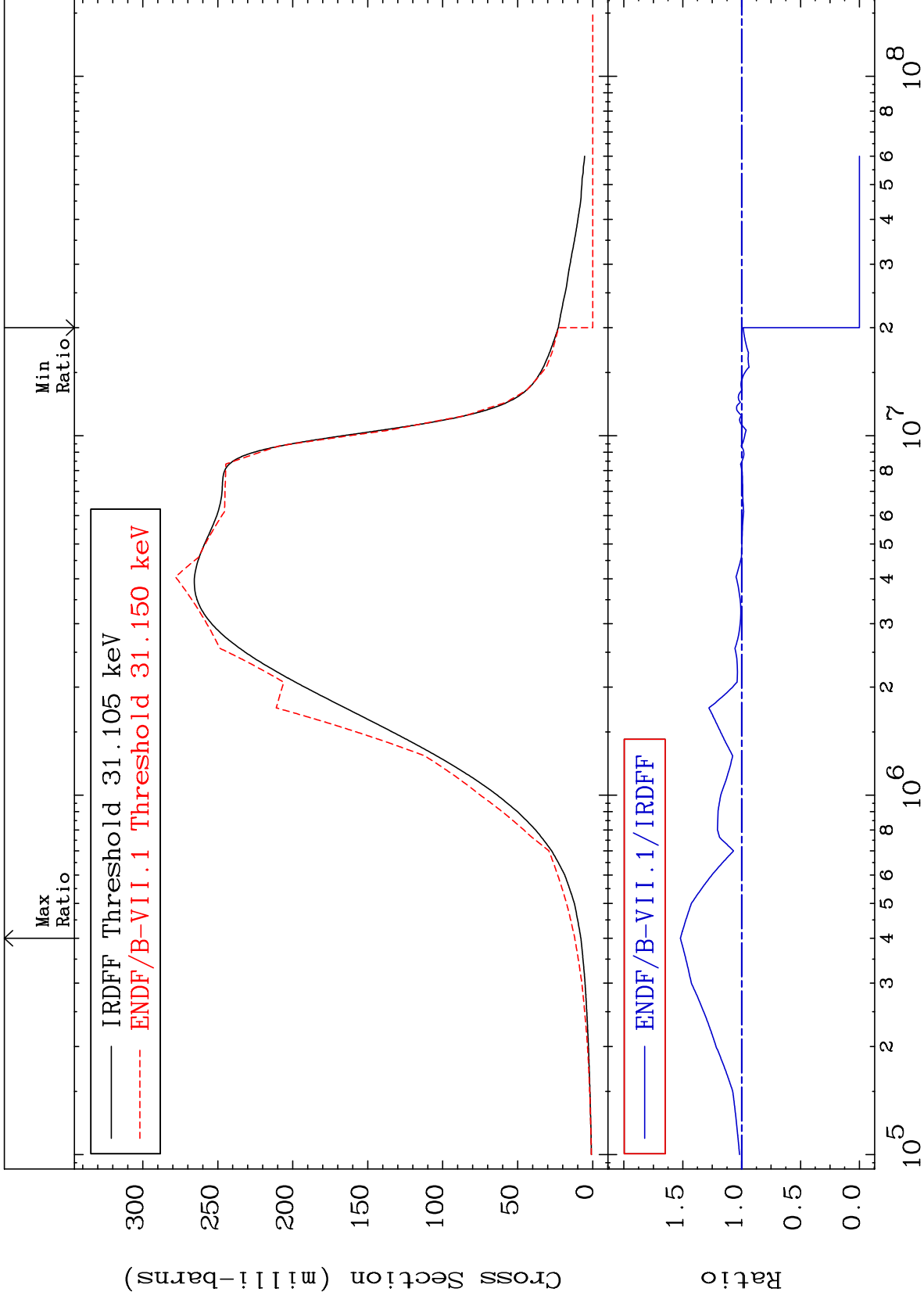
41-Nb-93

MAT 4125

Inelastic: 41-Nb-93m1

41-Nb-93

Radionuclide Production Cross Section -100.0 To 52.05 %



Incident Energy (eV)

41-Nb-93

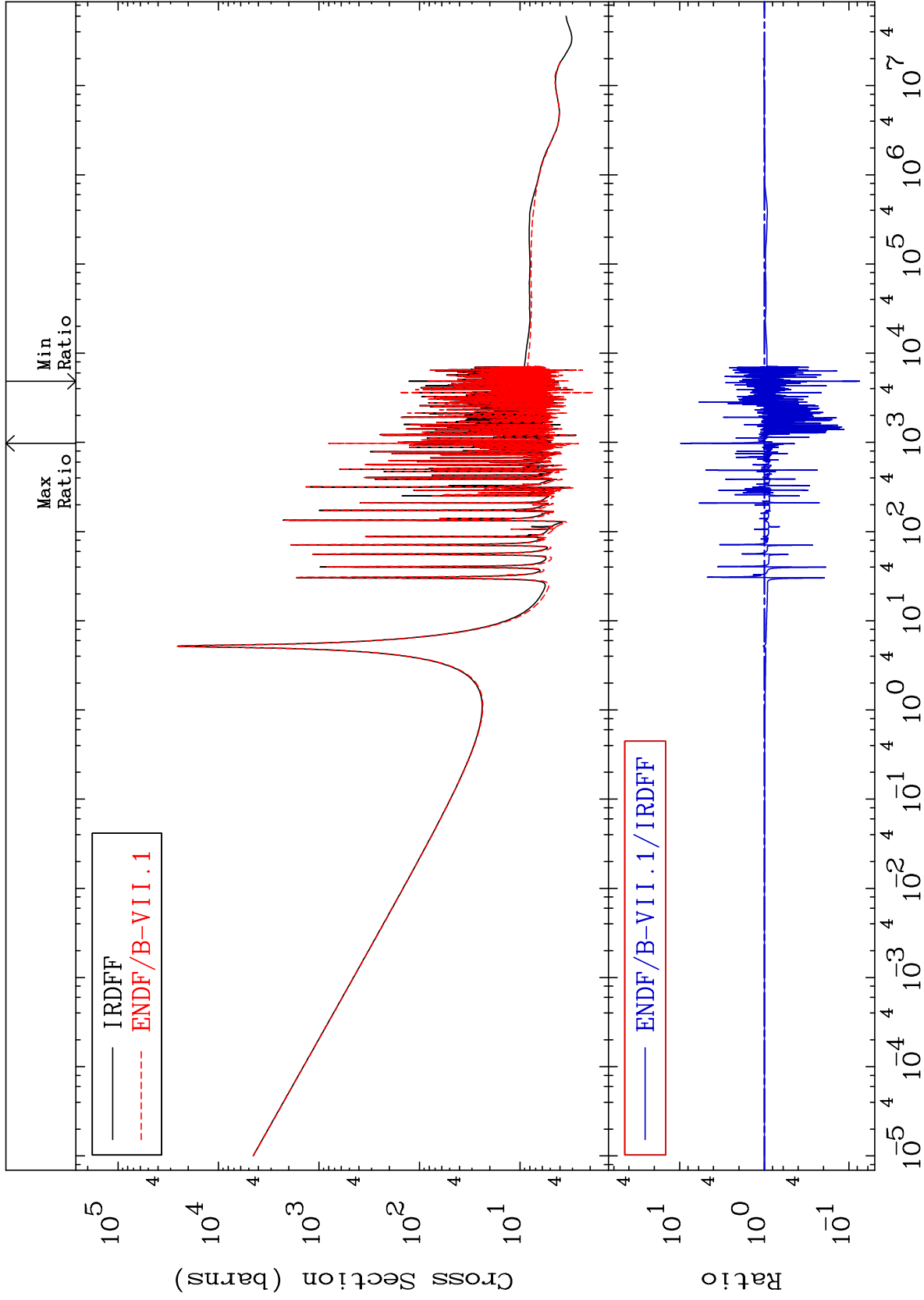
MAT 4731

Total

47-Ag-109

Cross Section

-92.49 To 872.8 %



106

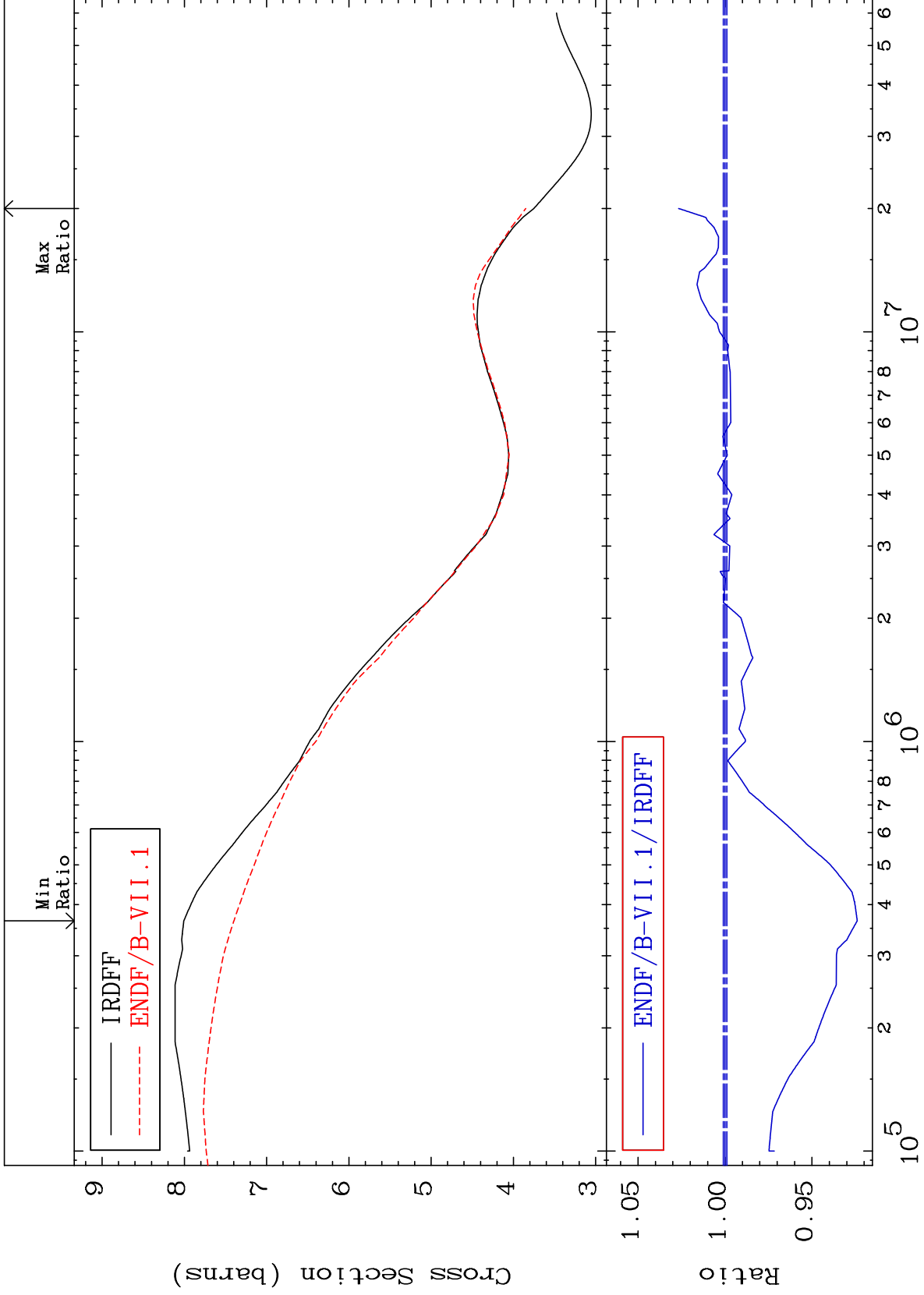
Incident Energy (eV)

47-Ag-109

MAT 4731

Total
Cross Section

47-Ag-109
-7.601 To 2.665 %



107

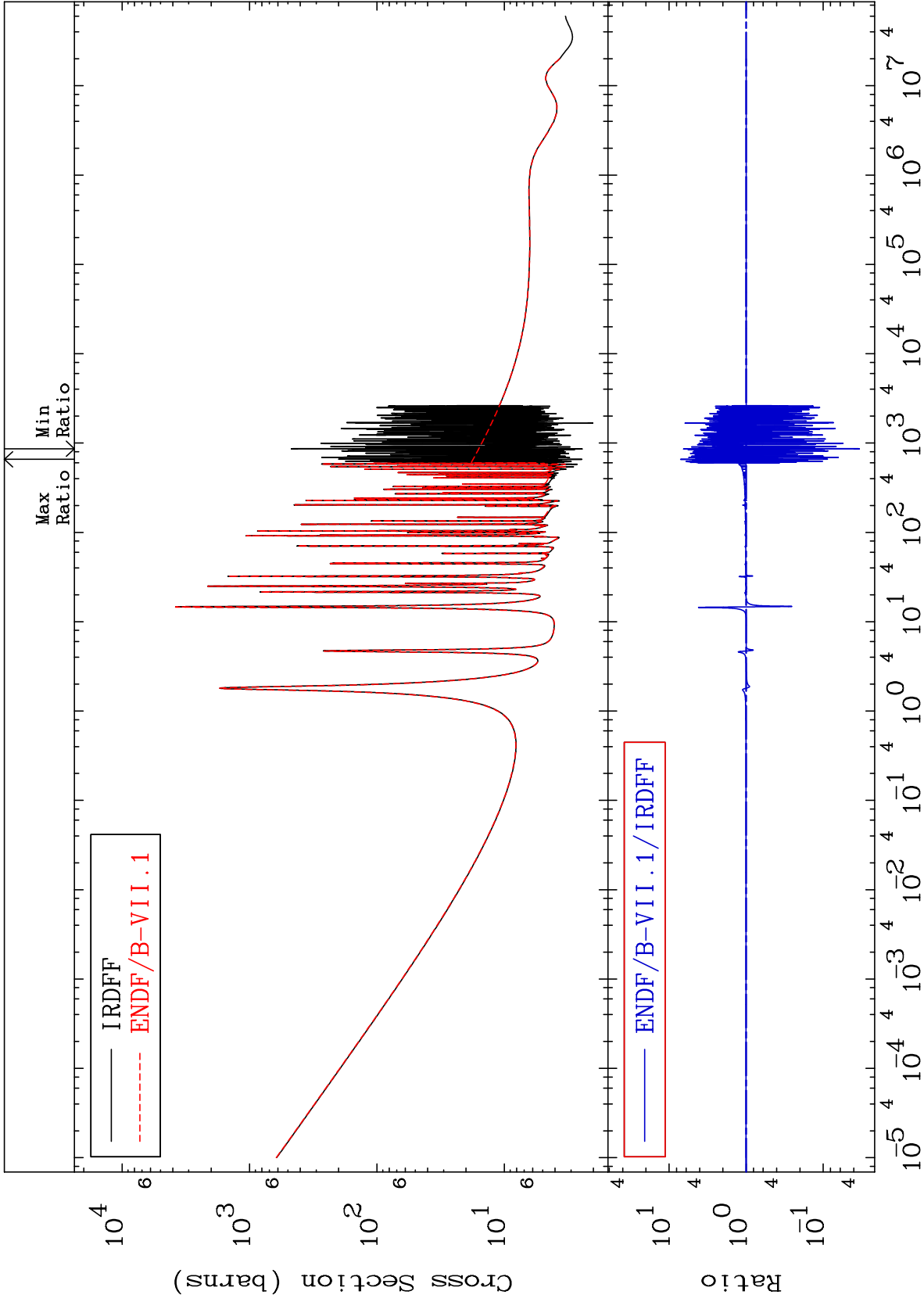
Incident Energy (eV)

47-Ag-109

MAT 4925

Total
Cross Section

49-In-113
-96.63 To 615.1 %



108

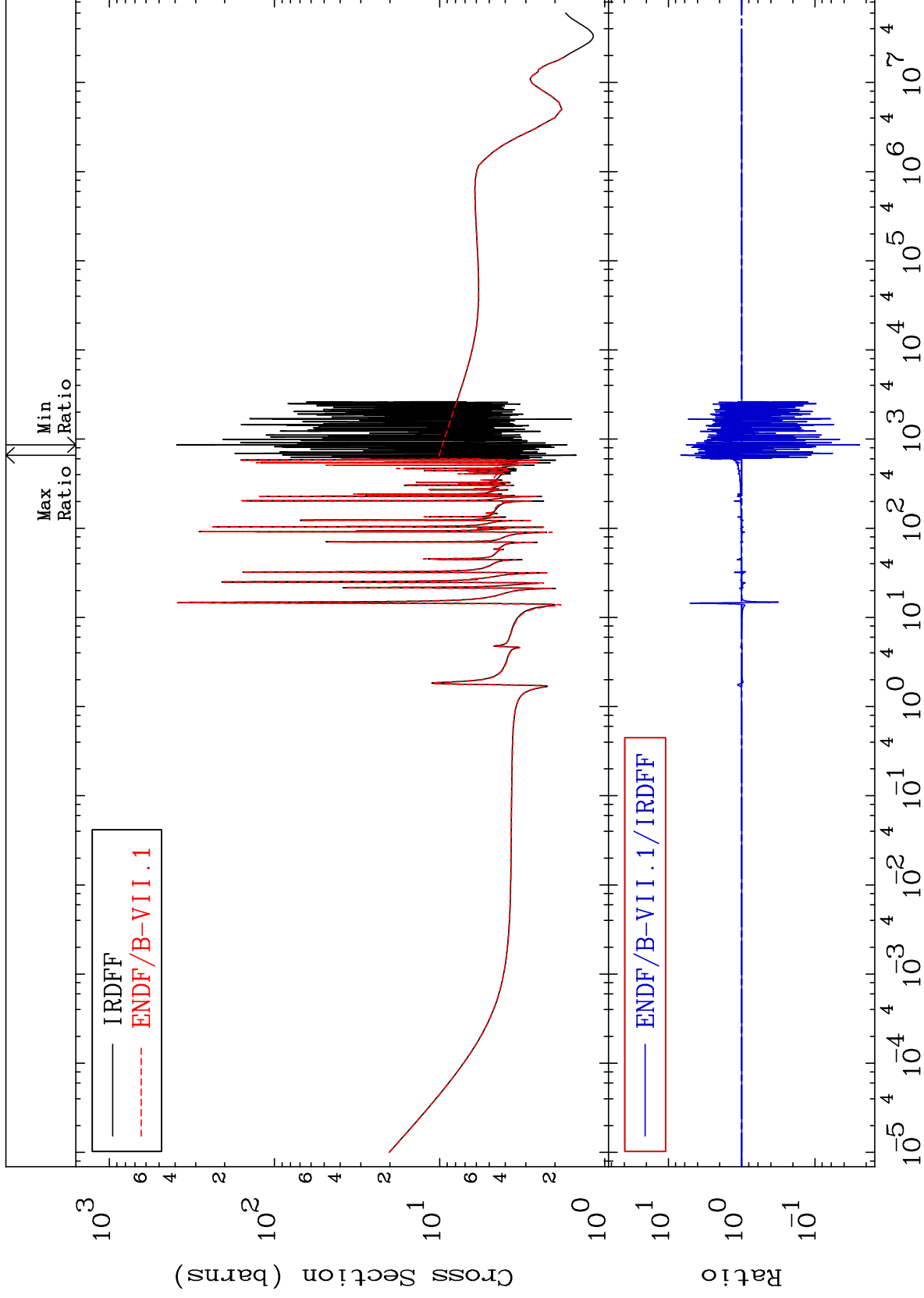
Incident Energy (eV)

49-In-113

MAT 4925

Elastic
Cross Section

49-In-113
-97.54 To 577.2 %



109

Incident Energy (eV)

49-In-113

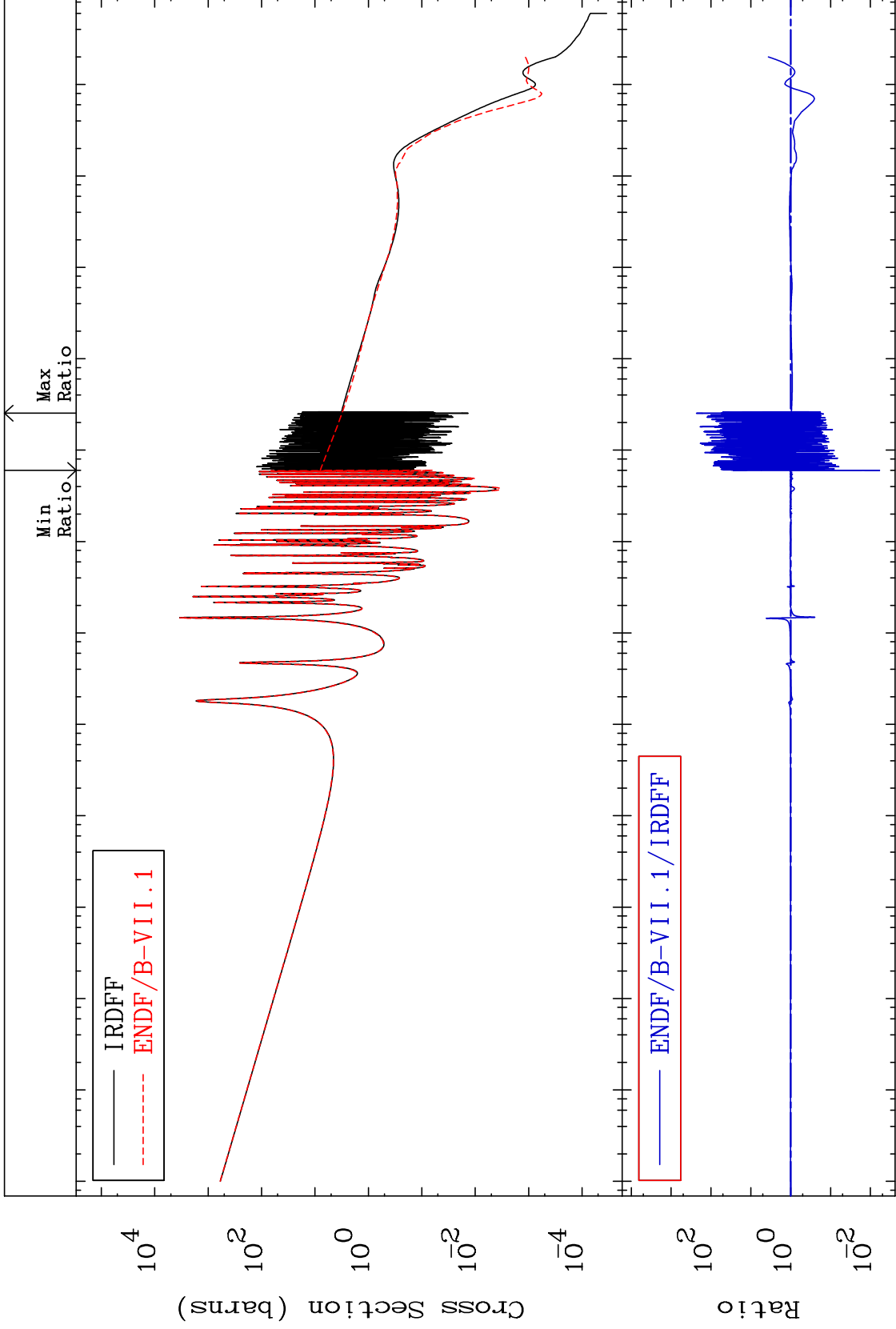
MAT 4925

(n, γ)

49-In-113

Cross Section

-99.41 To 9999. %



110

Incident Energy (eV)

49-In-113

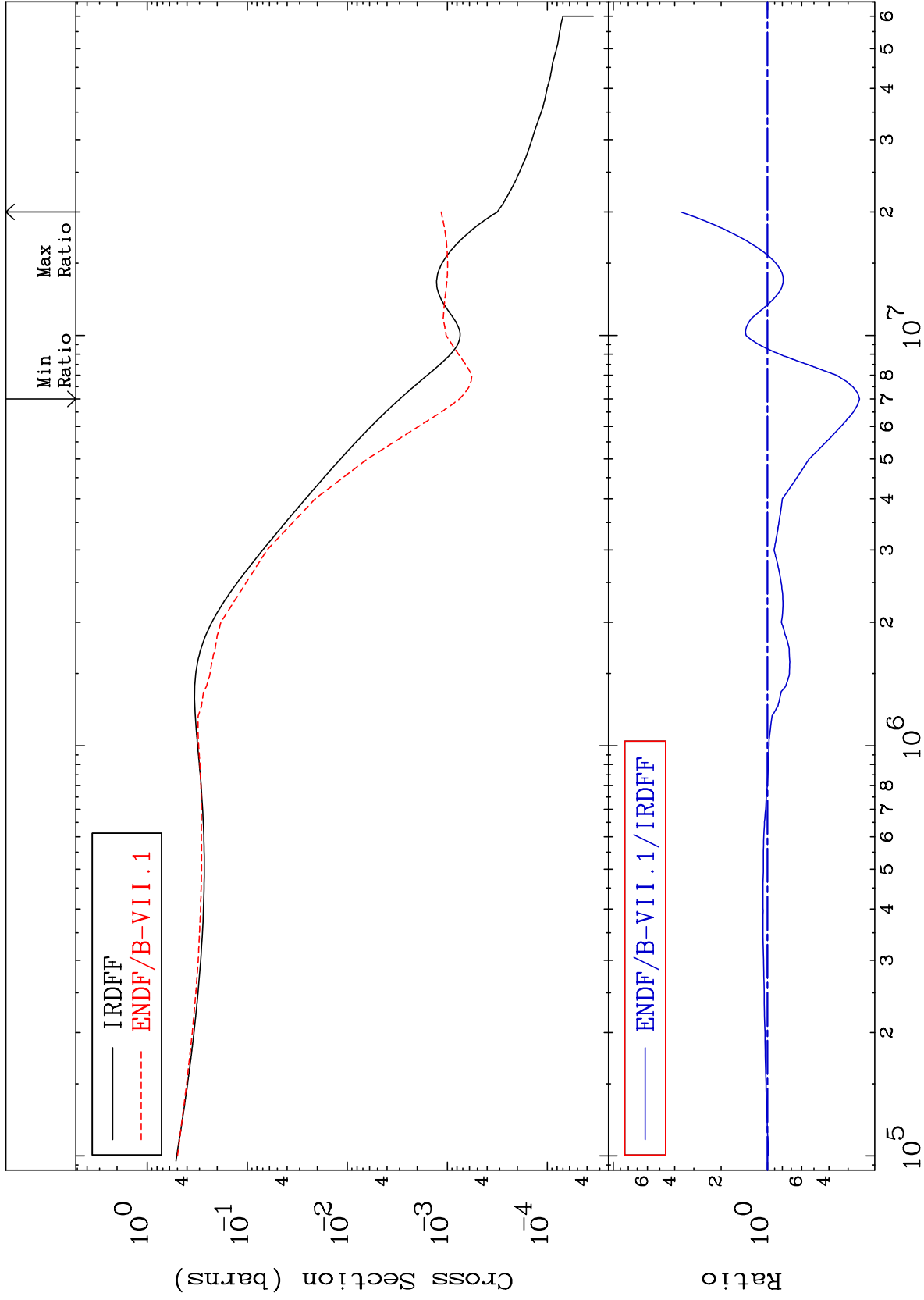
MAT 4925

(n, γ)

49-In-113

Cross Section

-74.71 To 264.8 %



111

Incident Energy (eV)

49-In-113

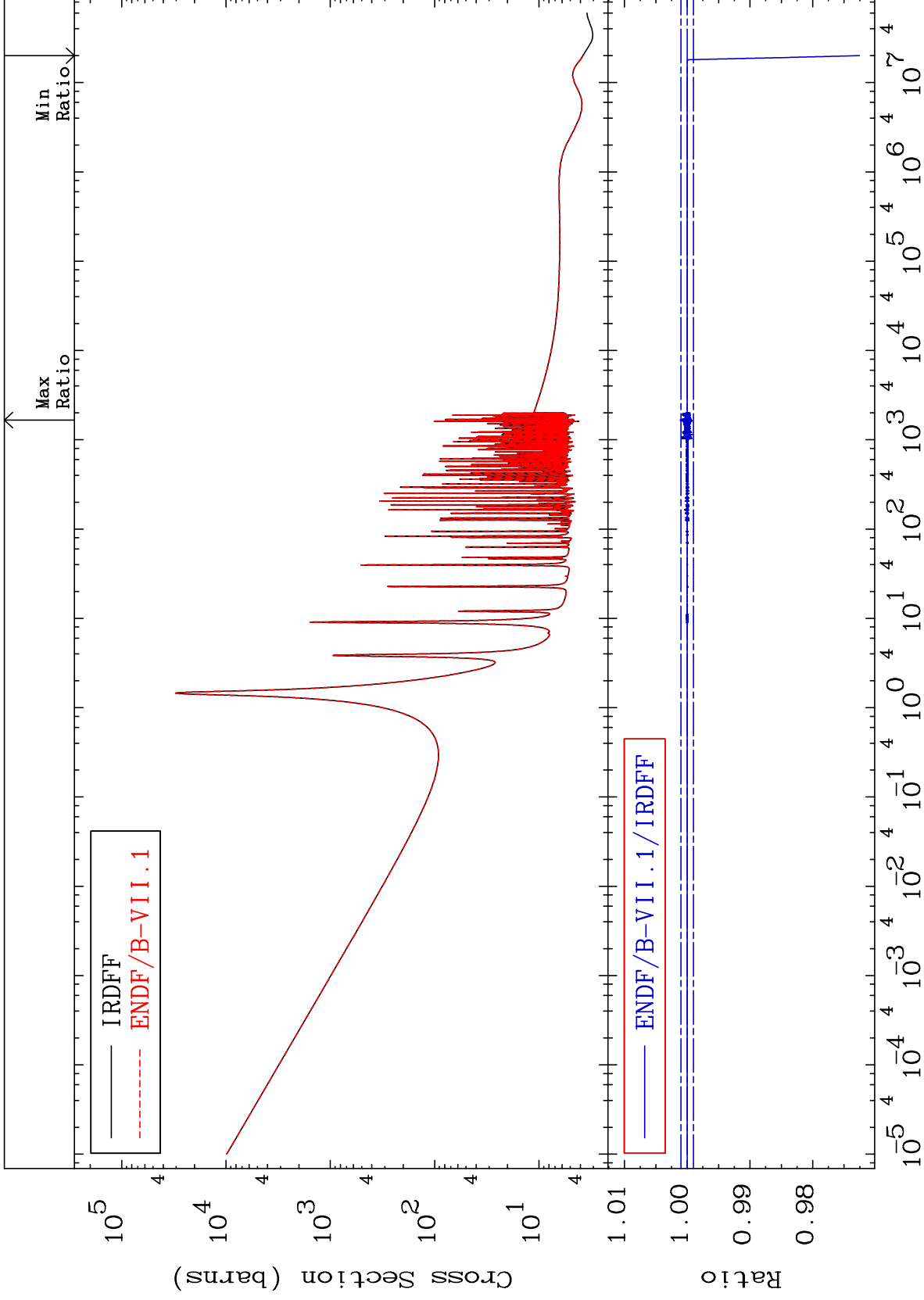
MAT 4931

Total

49-In-115

Cross Section

-2.745 To 0.110 %



Incident Energy (eV)

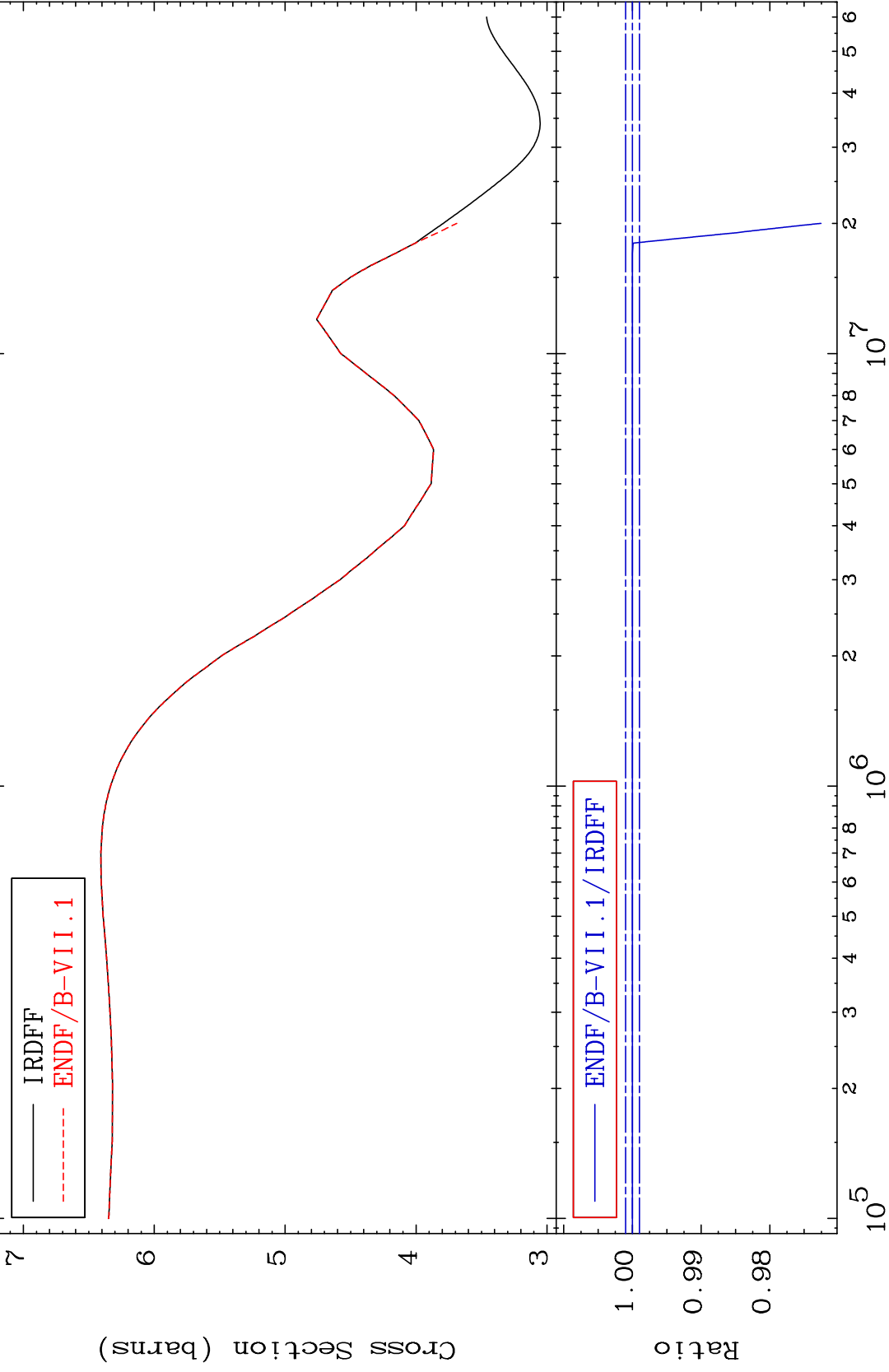
49-In-115

112

MAT 4931

Total
Cross Section

49-In-115
-2.745 To 0.000 %



113

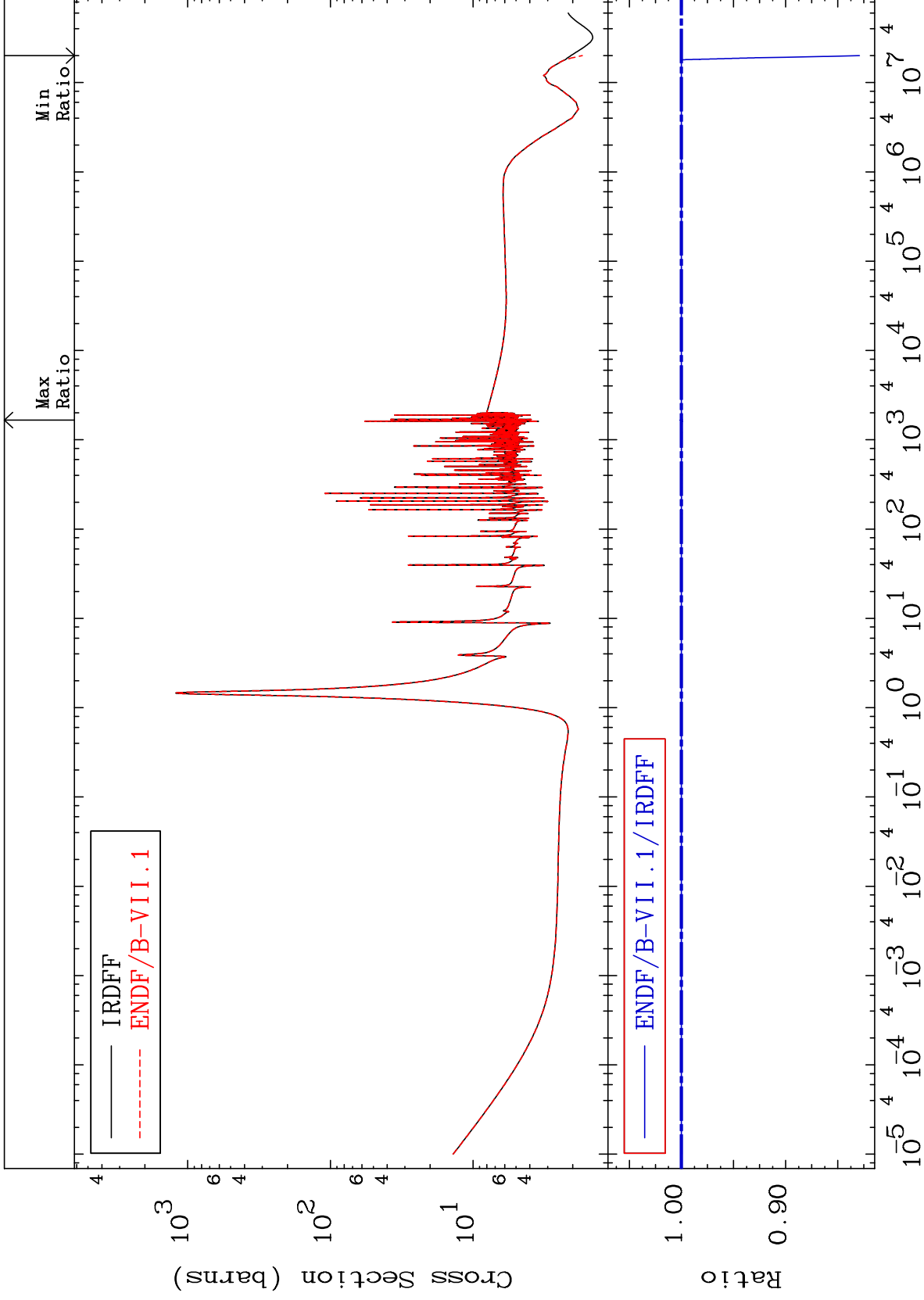
Incident Energy (eV)

49-In-115

MAT 4931

Elastic
Cross Section

49-In-115
-17.08 To 0.105 %



114

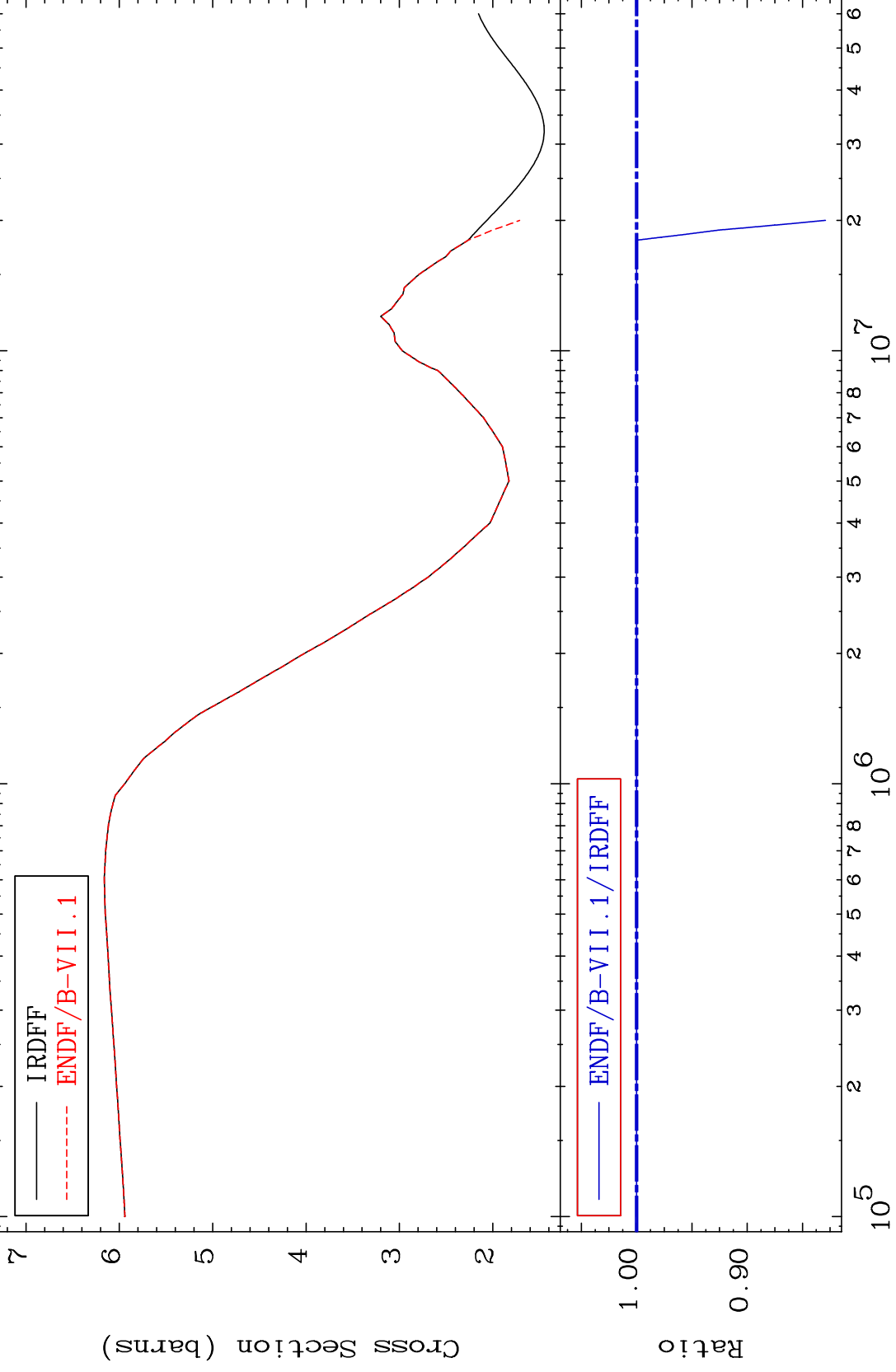
Incident Energy (eV)

49-In-115

MAT 4931

Elastic
Cross Section

49-In-115
-17.08 To 0.000 %



115

49-In-115

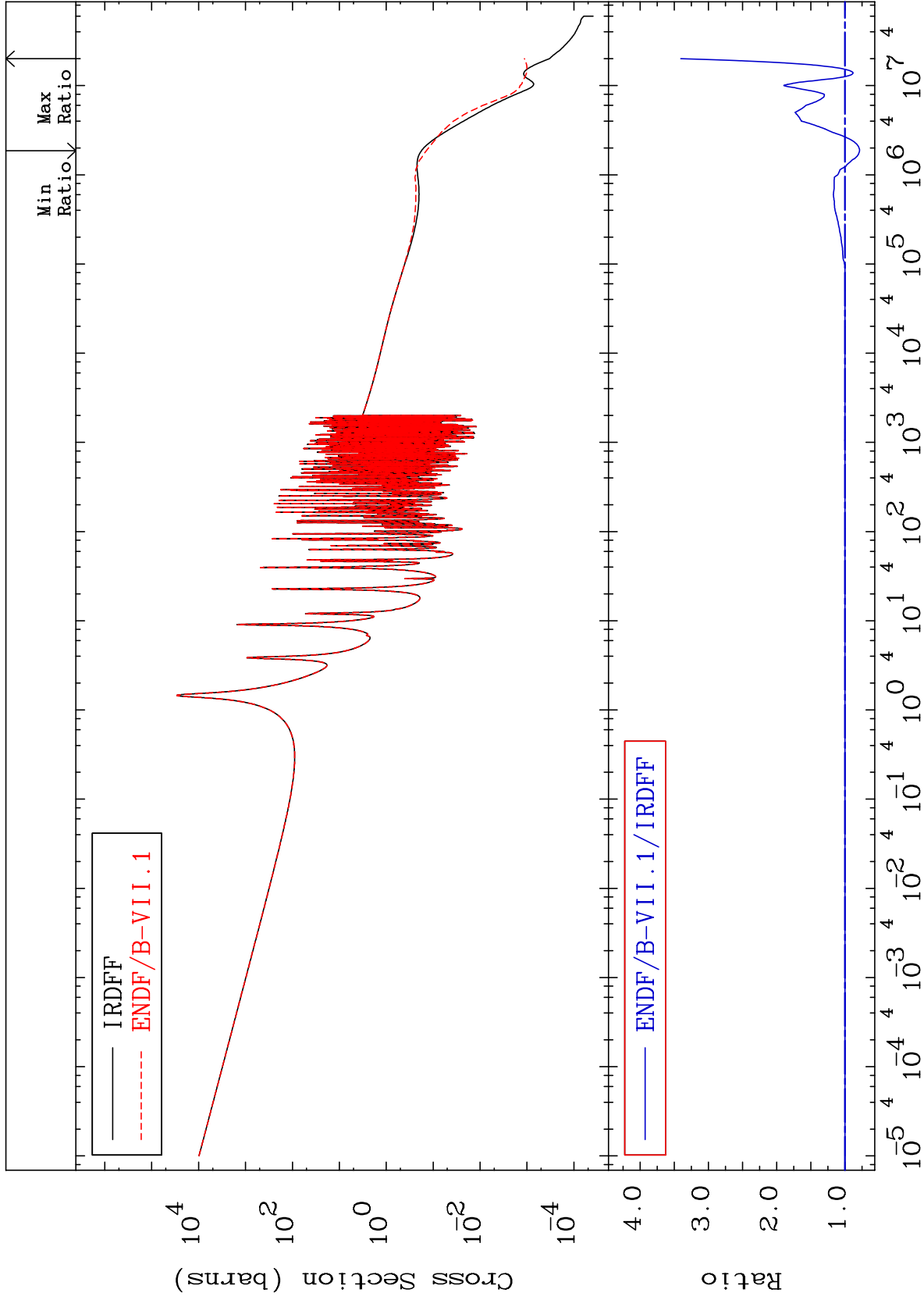
MAT 4931

(n, γ)

49-In-115

Cross Section

-21.45 To 240.5 %



Incident Energy (eV)

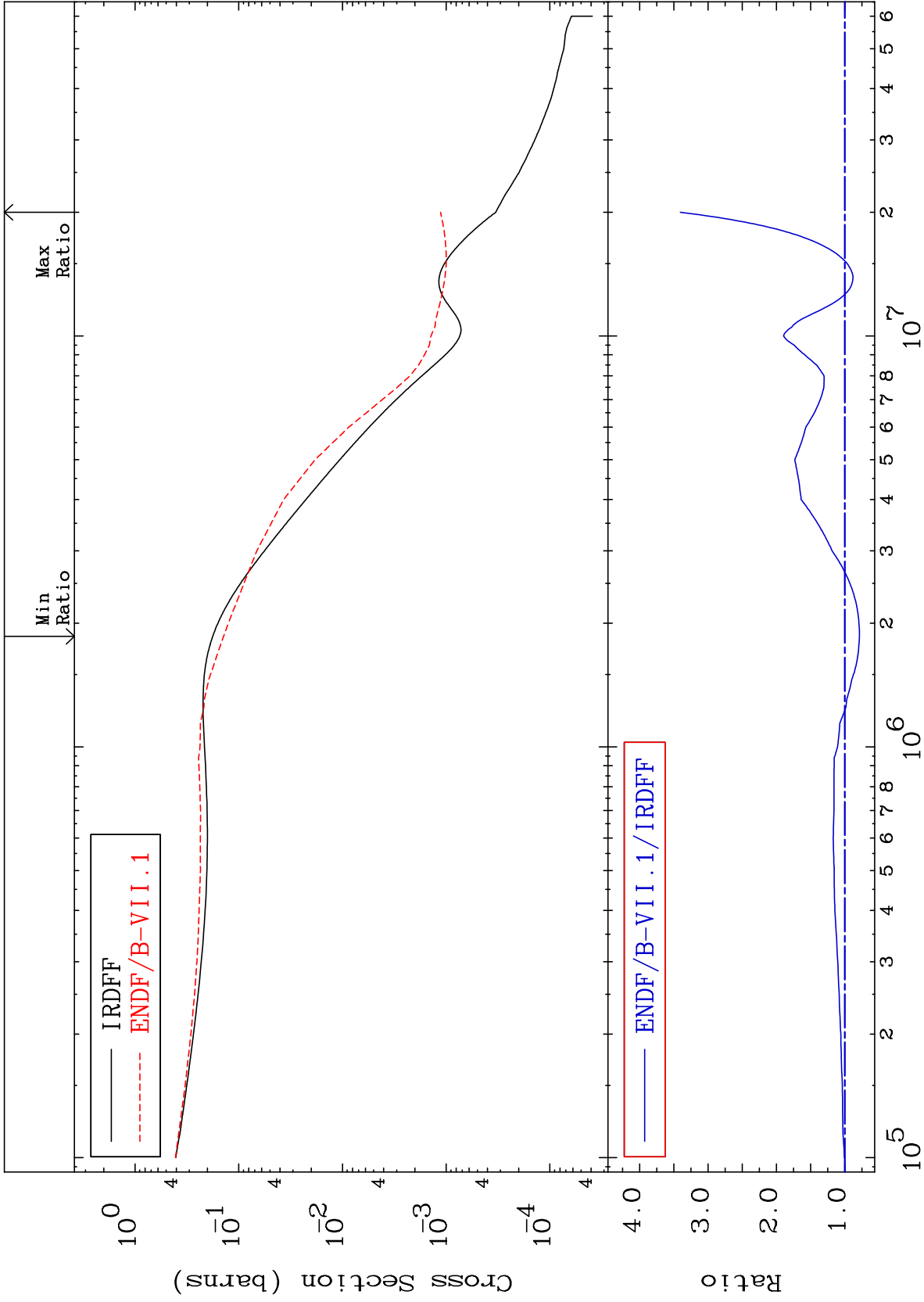
49-In-115

116

MAT 4931

(n, γ)
Cross Section

49-In-115
-21.45 To 240.5 %



117

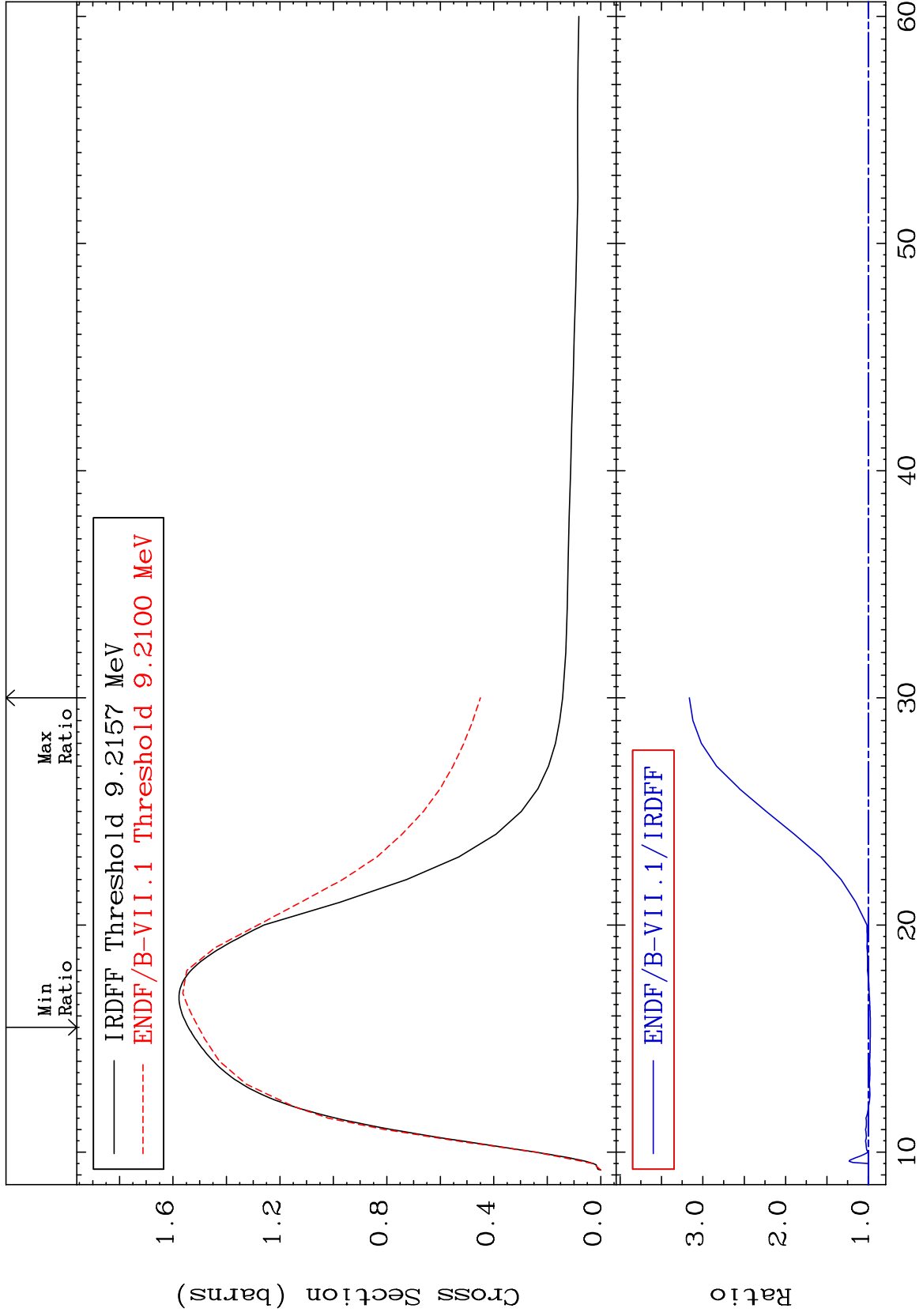
Incident Energy (eV)

49-In-115

MAT 5325

(n,2n)
Cross Section

53-I -127
-2.450 To 216.3 %



118

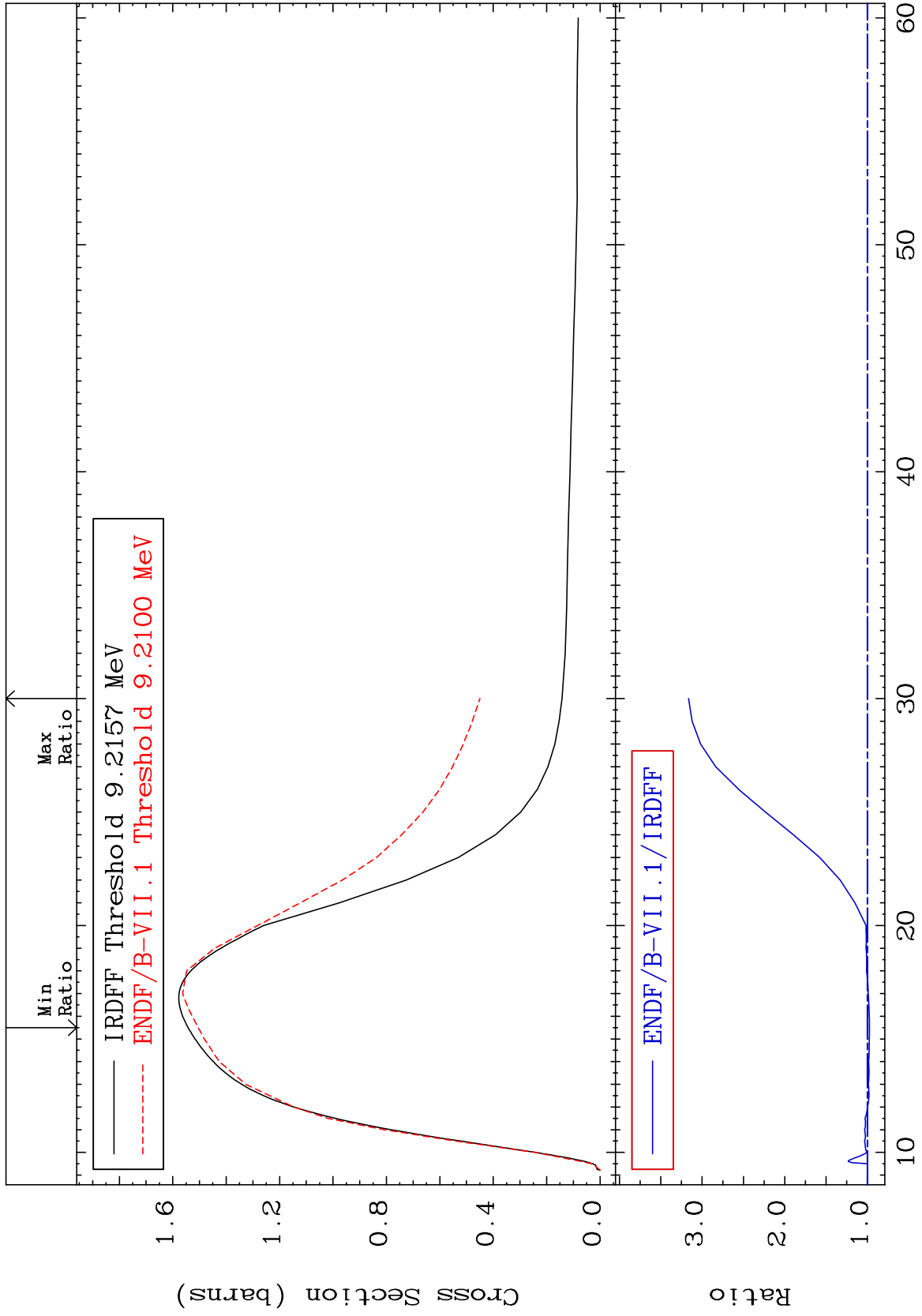
Incident Energy (MeV)

53-I -127

MAT 5325

(n,2n)
Cross Section

53-I -127
-2.450 To 216.3 %



119

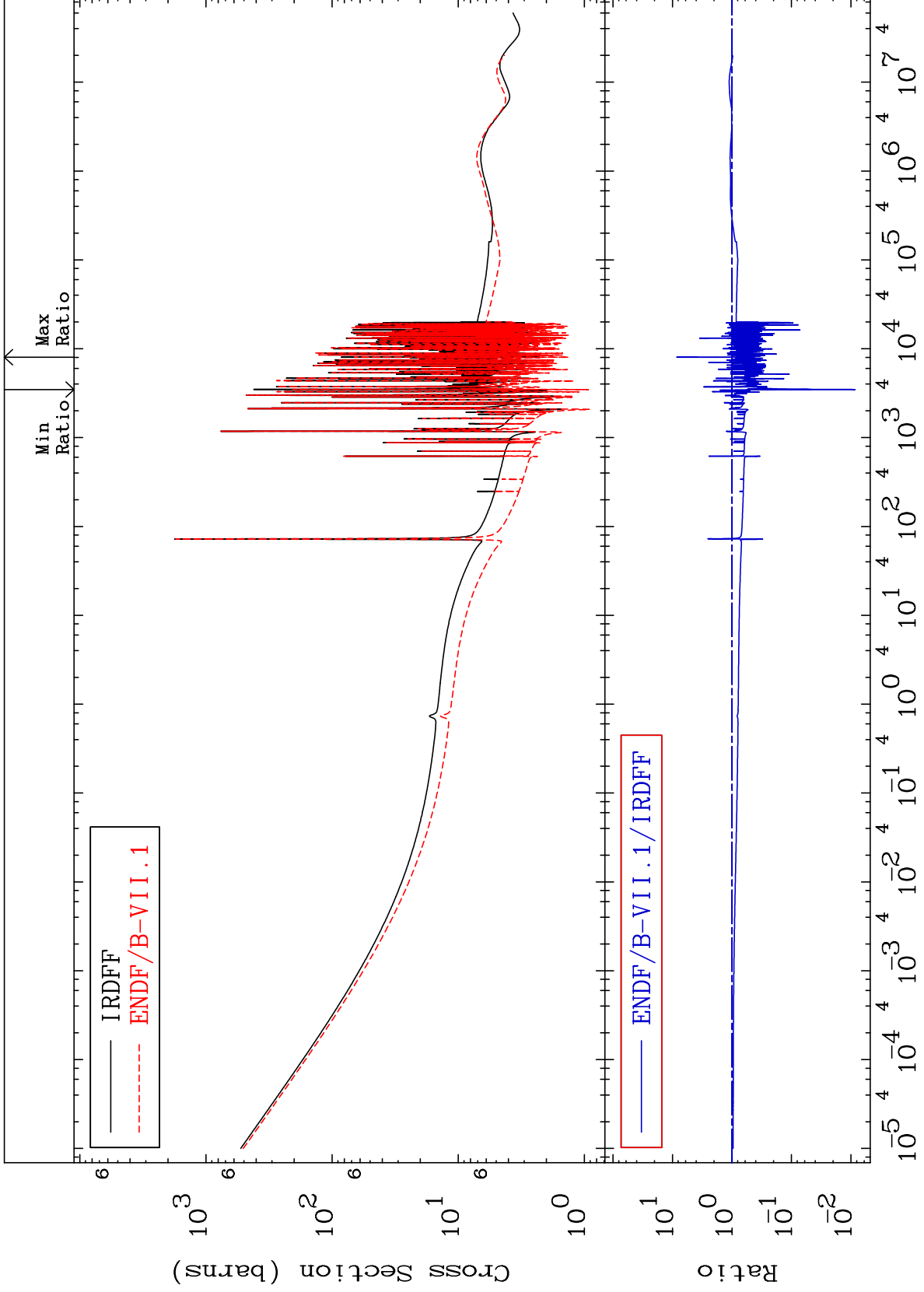
Incident Energy (MeV)

53-I -127

MAT 5728

Total
Cross Section

57-La-139
-99.15 To 741.1 %



Incident Energy (eV)

57-La-139

120

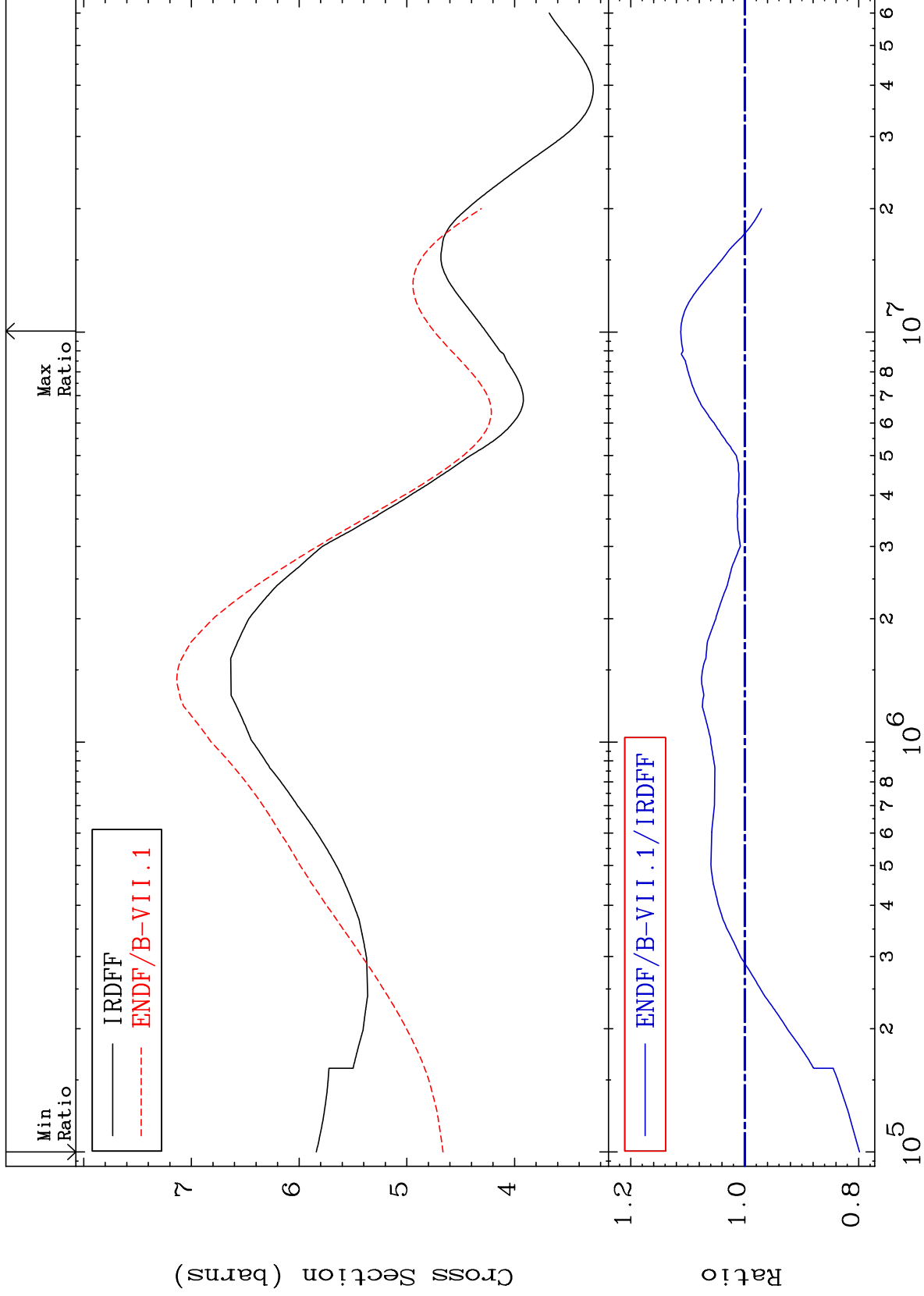
MAT 5728

Total

57-La-139

Cross Section

-20.14 To 11.24 %



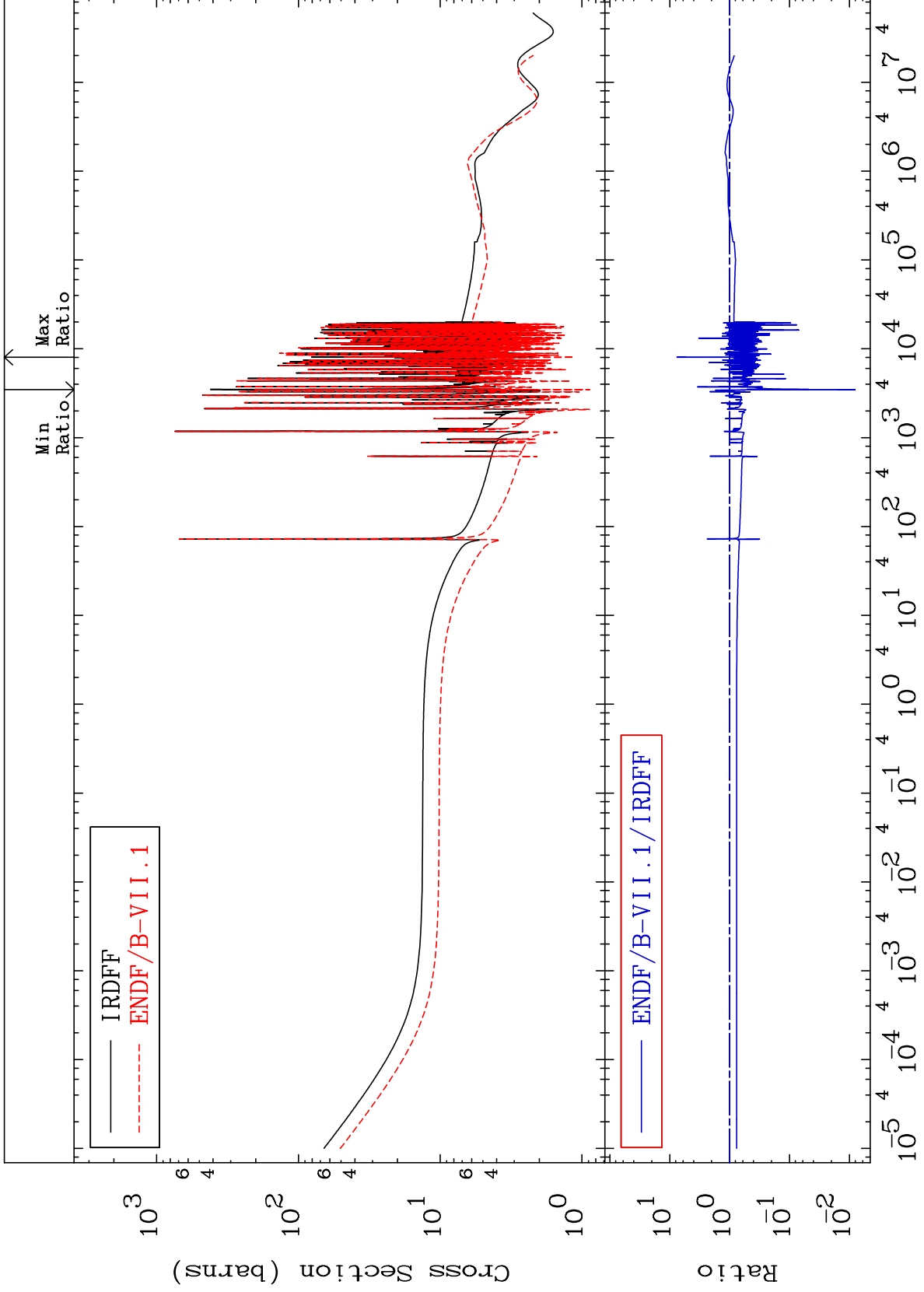
Incident Energy (eV)

57-La-139

MAT 5728

Elastic
Cross Section

57-La-139
-99.20 To 659.5 %



122

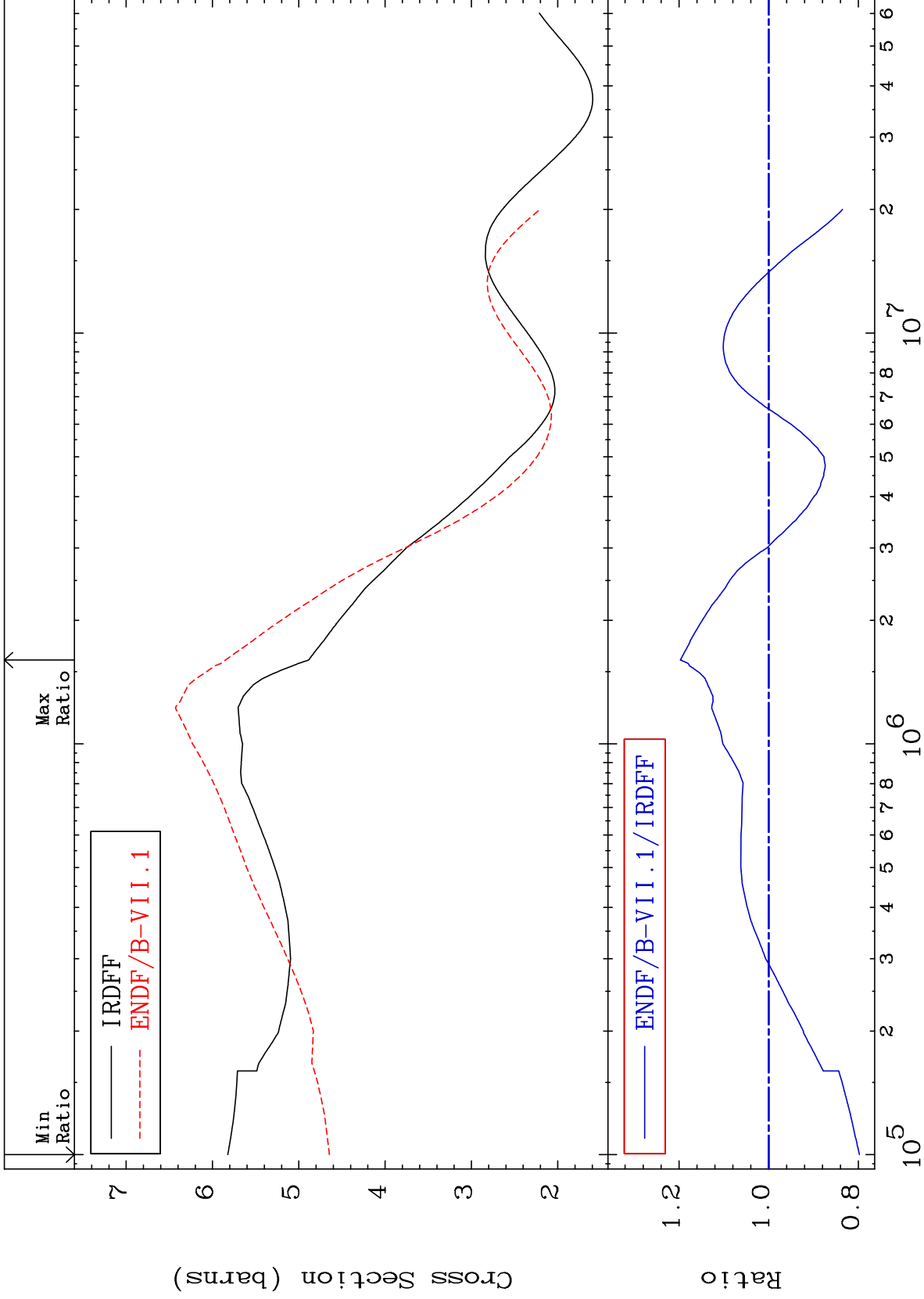
Incident Energy (eV)

57-La-139

MAT 5728

Elastic
Cross Section

57-La-139
-20.21 To 19.70 %



123

Incident Energy (eV)

57-La-139

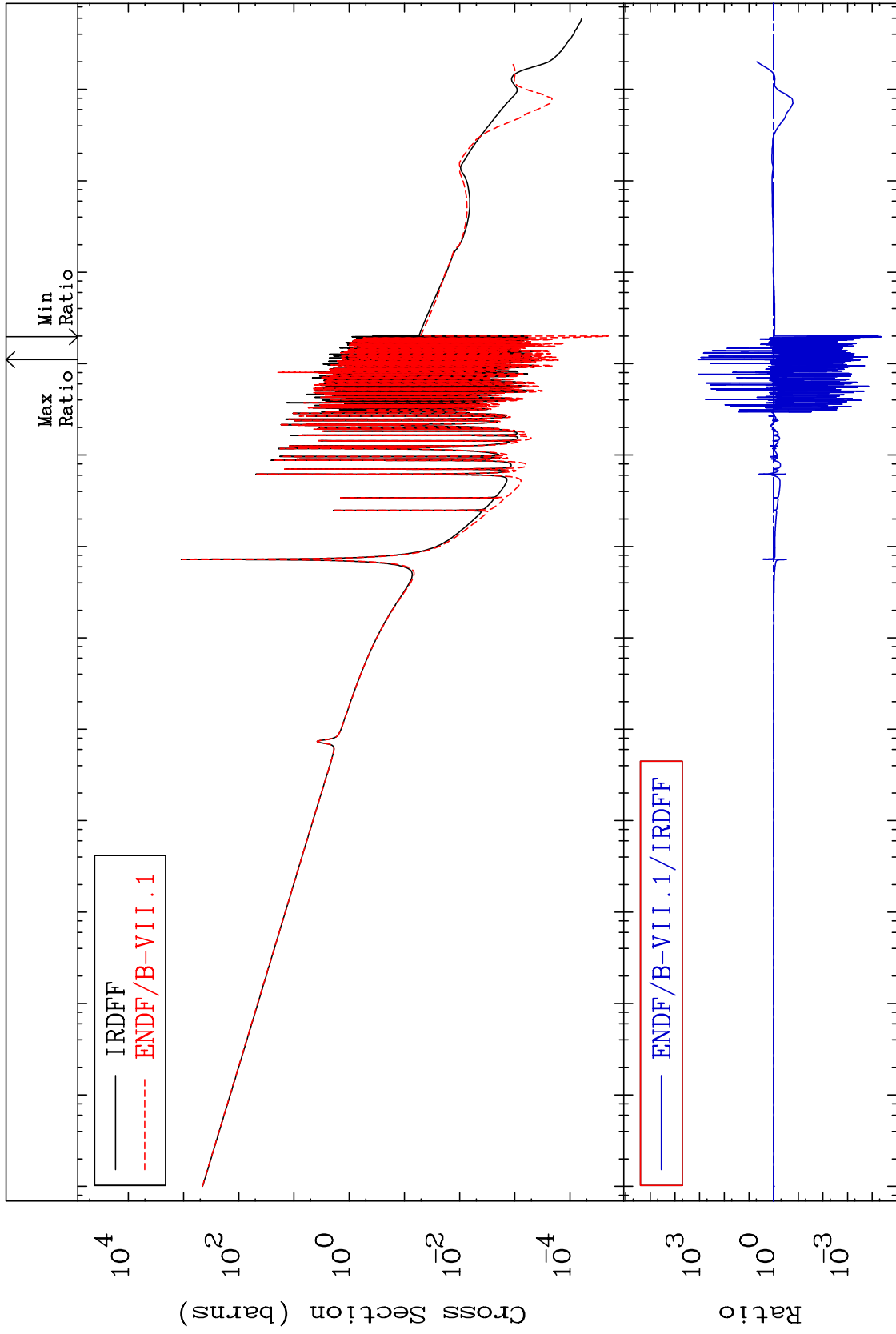
MAT 5728

(n, γ)

57-La-139

Cross Section

-100.00To 9999. %



124

Incident Energy (eV)

57-La-139

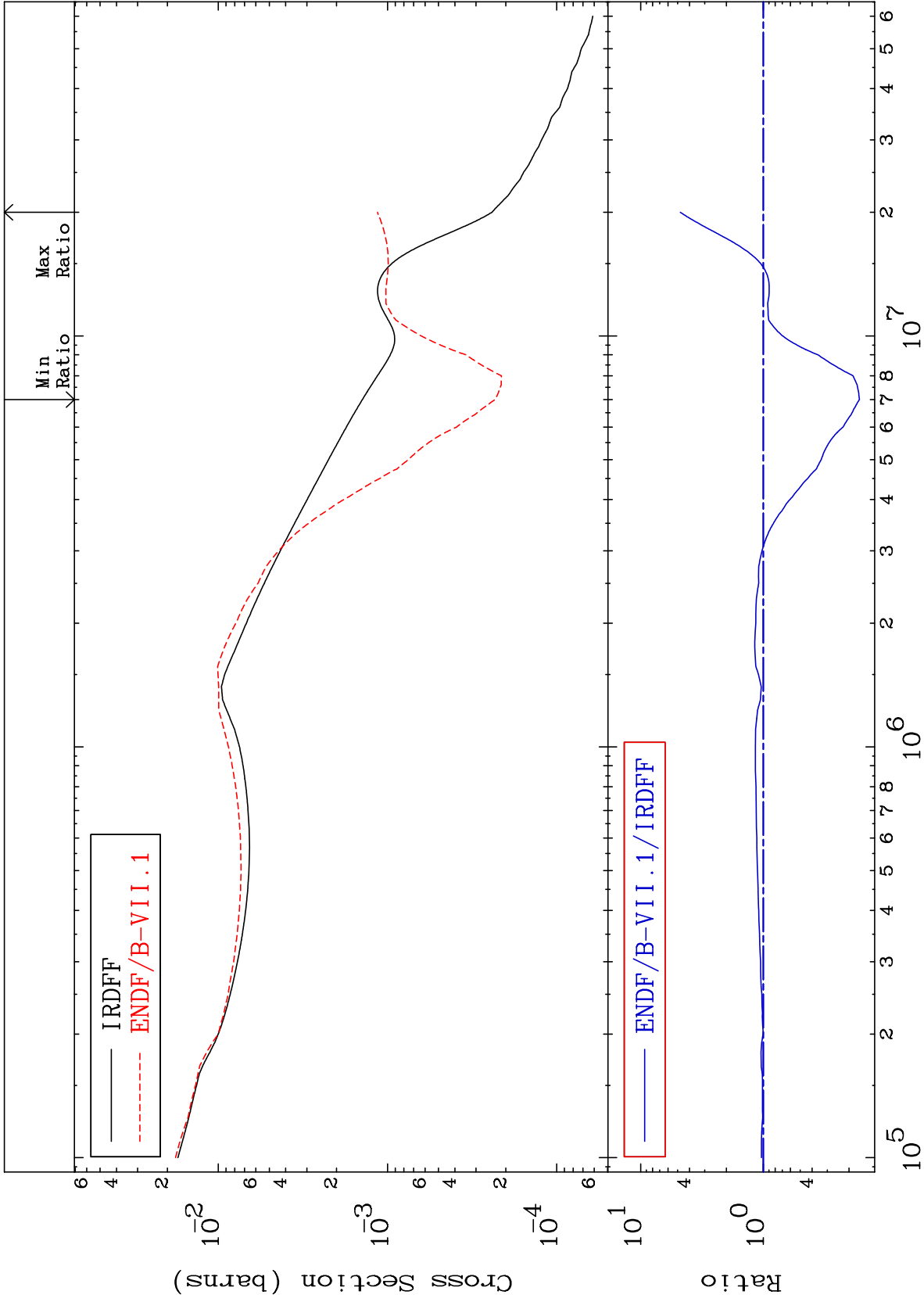
MAT 5728

(n, γ)

57-La-139

Cross Section

-83.590To 374.9 %



Incident Energy (eV)

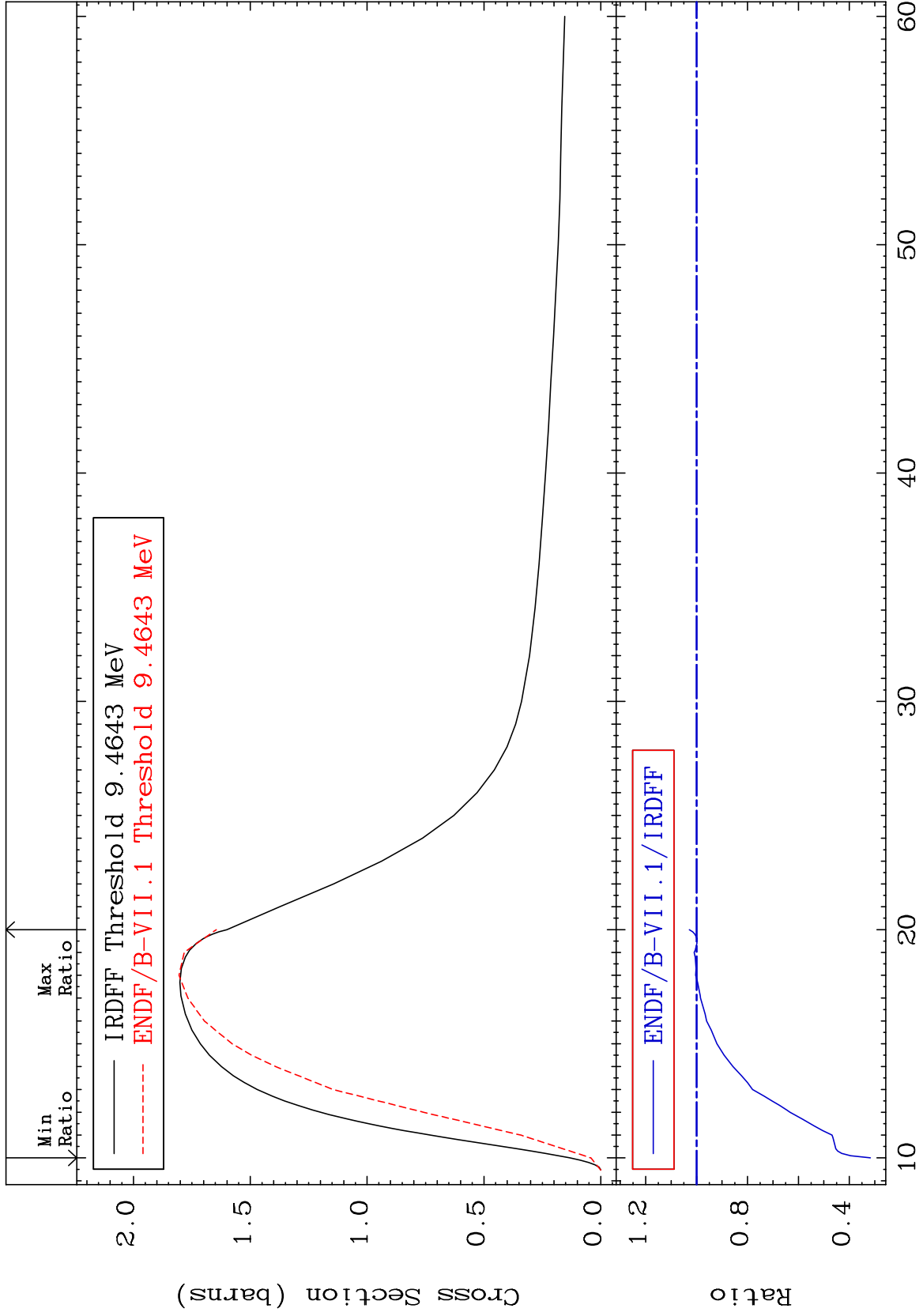
57-La-139

125

MAT 5925

(n,2n)
Cross Section

59-Pr-141
-68.28 To 2.841 %



126

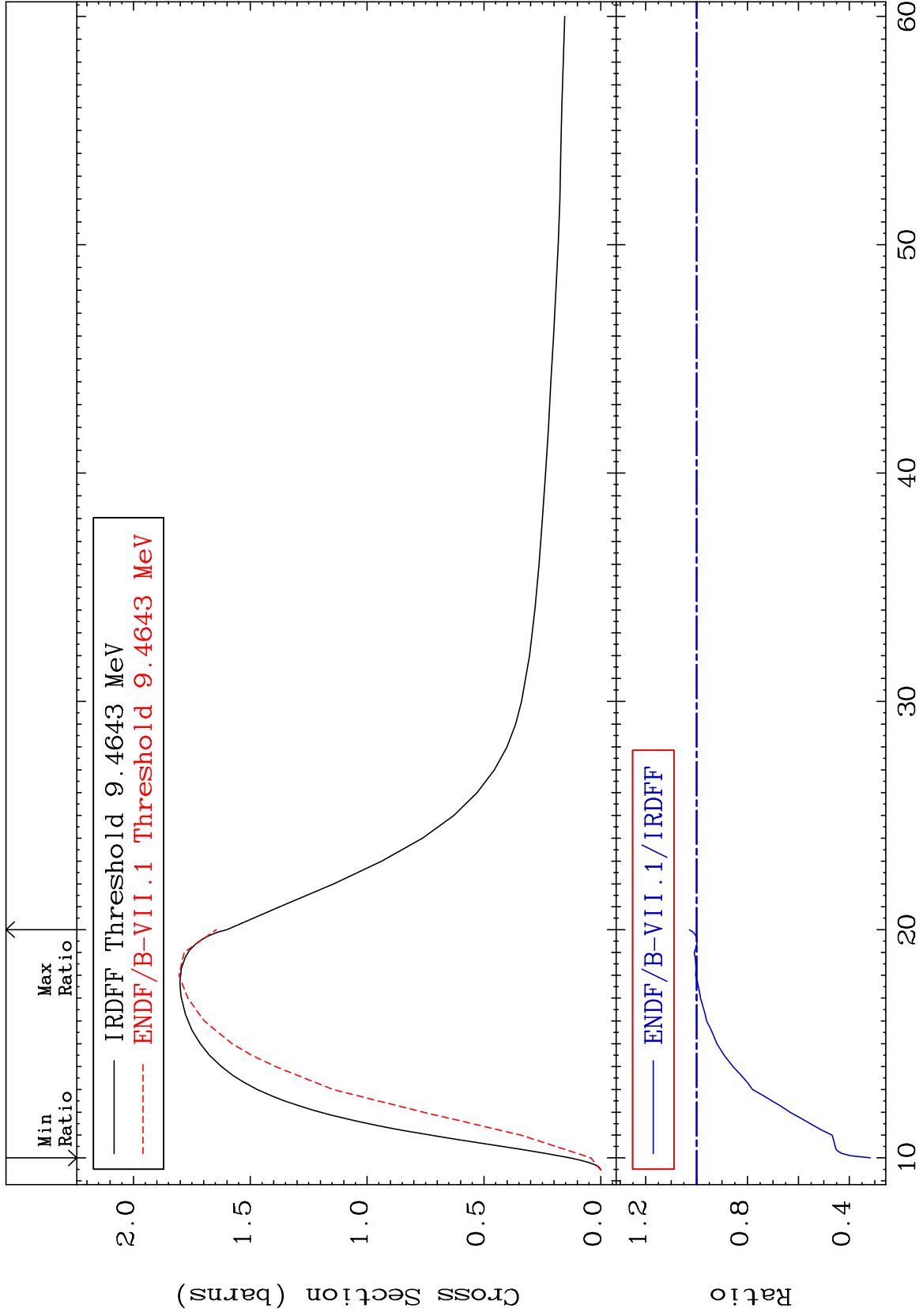
Incident Energy (MeV)

59-Pr-141

MAT 5925

(n,2n)
Cross Section

59-Pr-141
-68.28 To 2.841 %



127

Incident Energy (MeV)

59-Pr-141