

Program Complot
(Version 2015-2)

by

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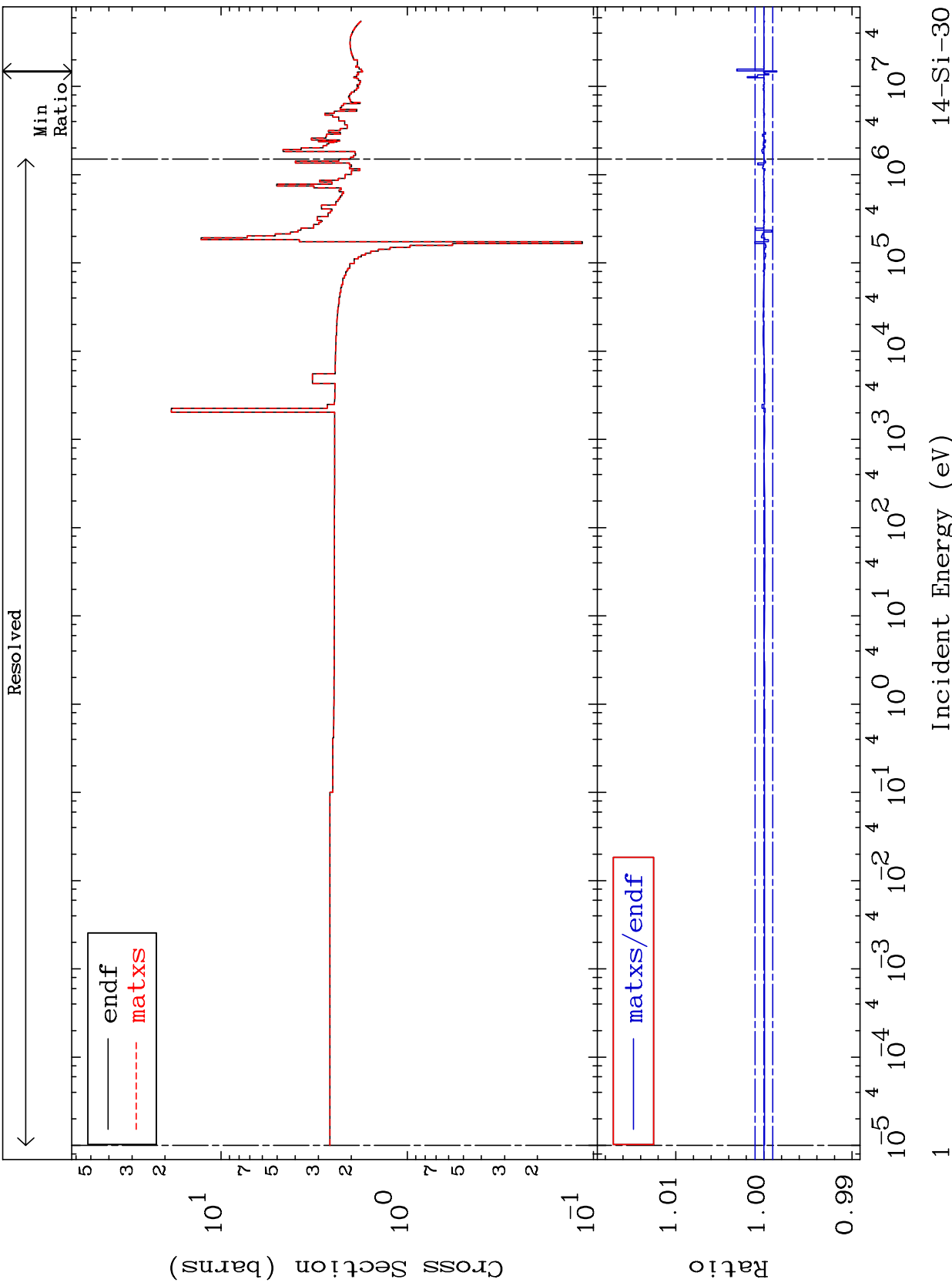
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 1431

Total
Cross Section

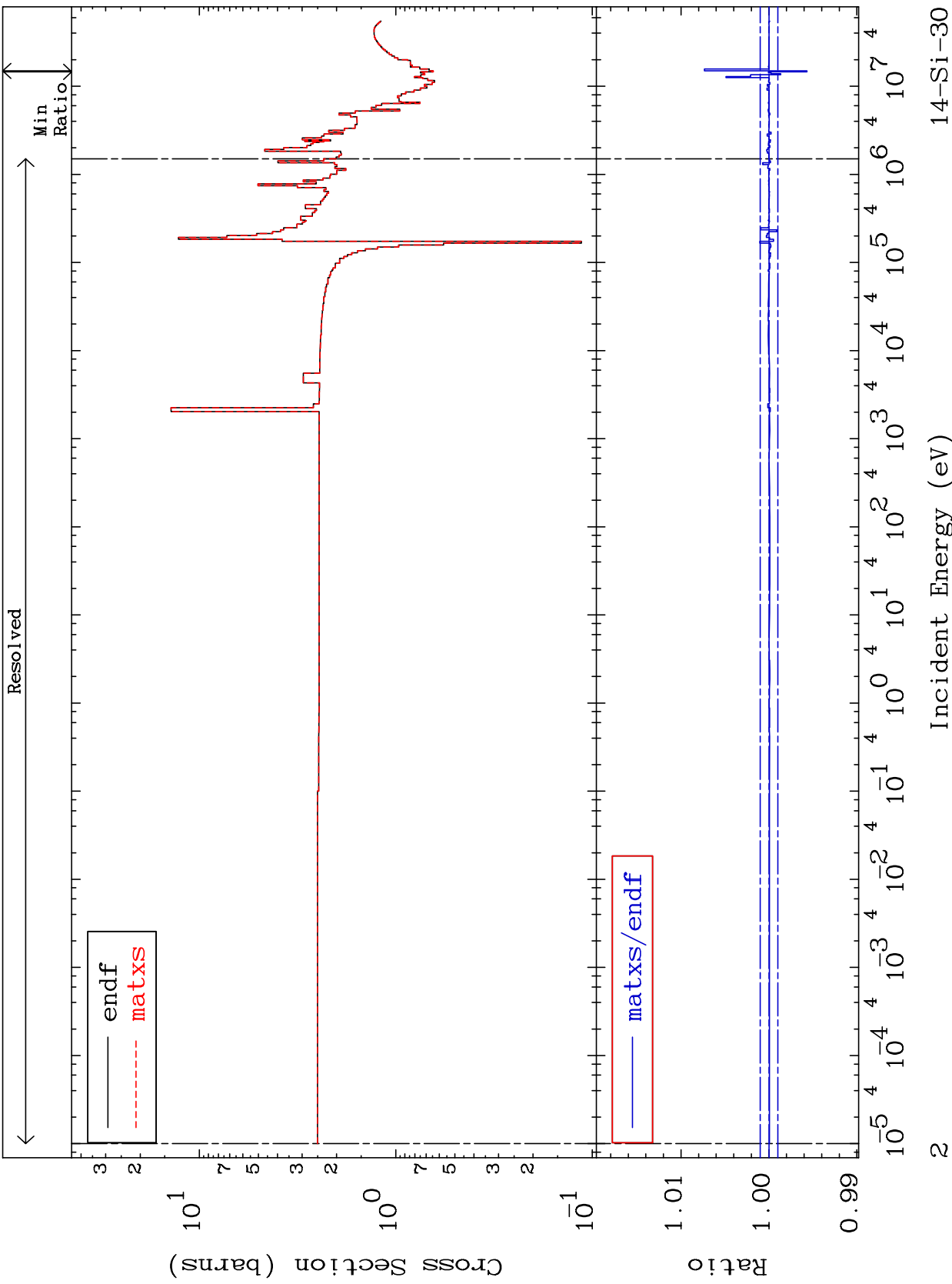
14-Si-30
-0.146 To 0.307 %



MAT 1431

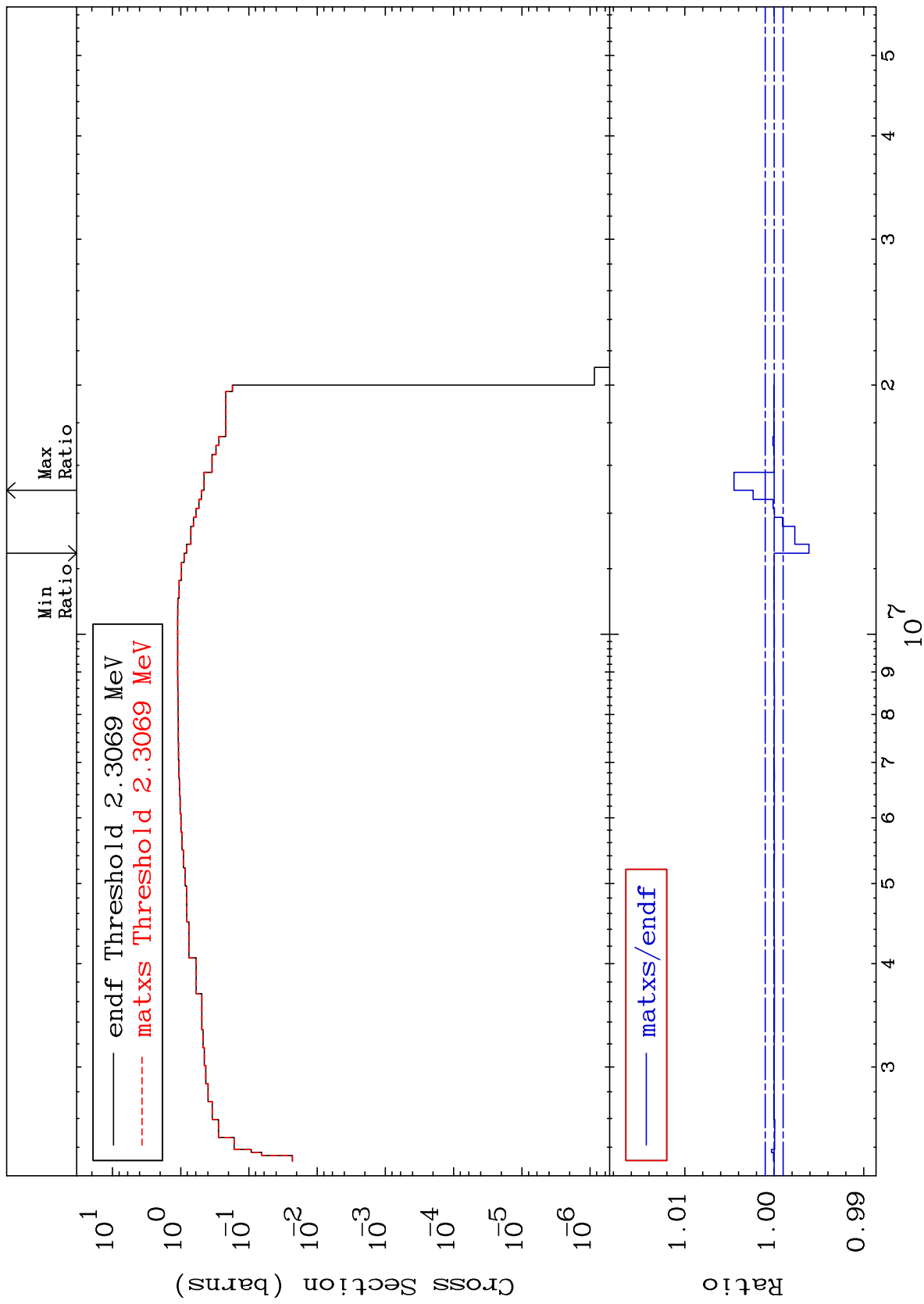
Elastic
Cross Section

14-Si-30
-0.431 To 0.735 %



MAT 1431

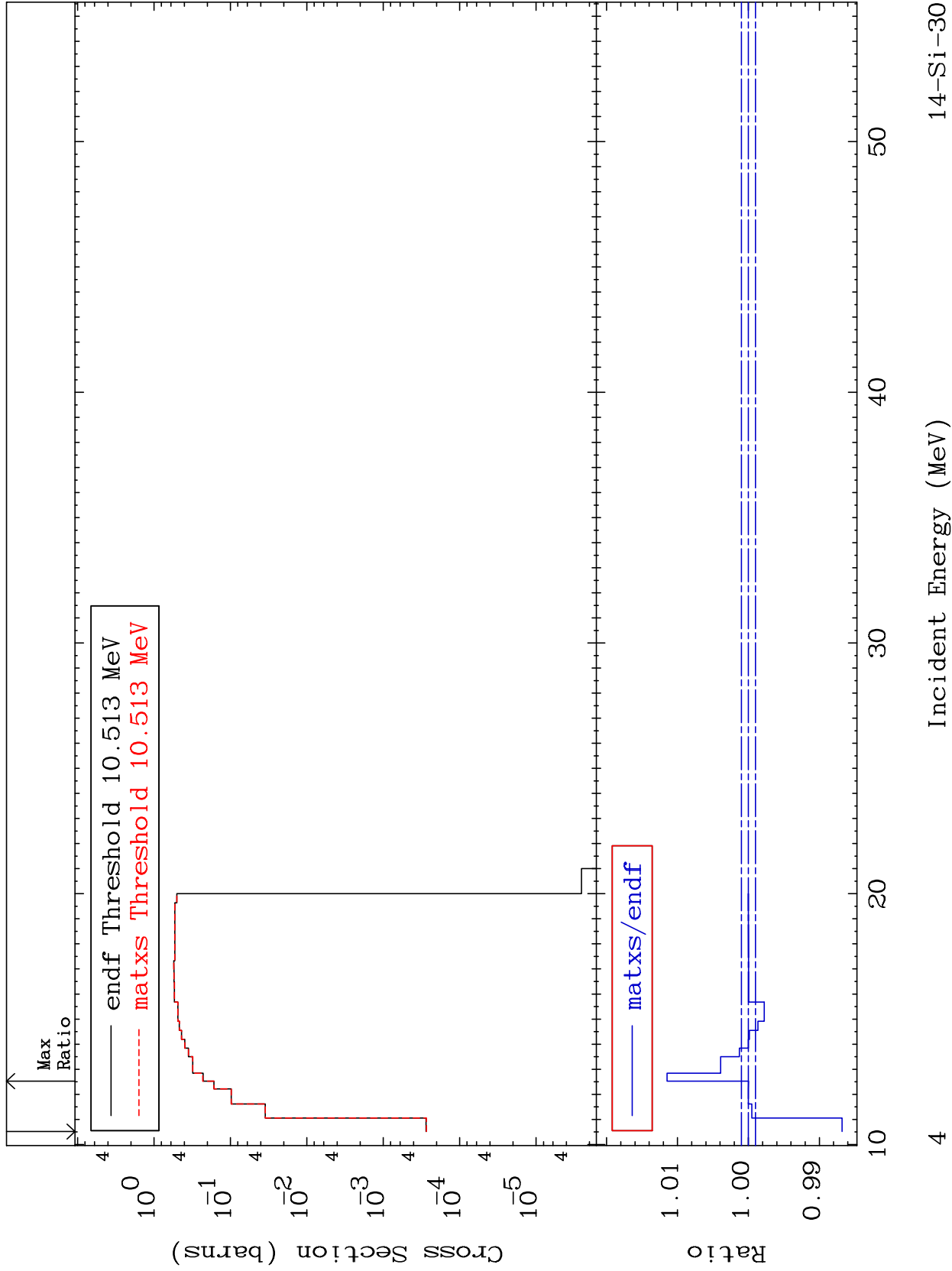
Inelastic Cross Section
14-Si-30
-0.387 To 0.451 %



MAT 1431

(n,2n)
Cross Section

14-Si-30
-1.320 To 1.147 %



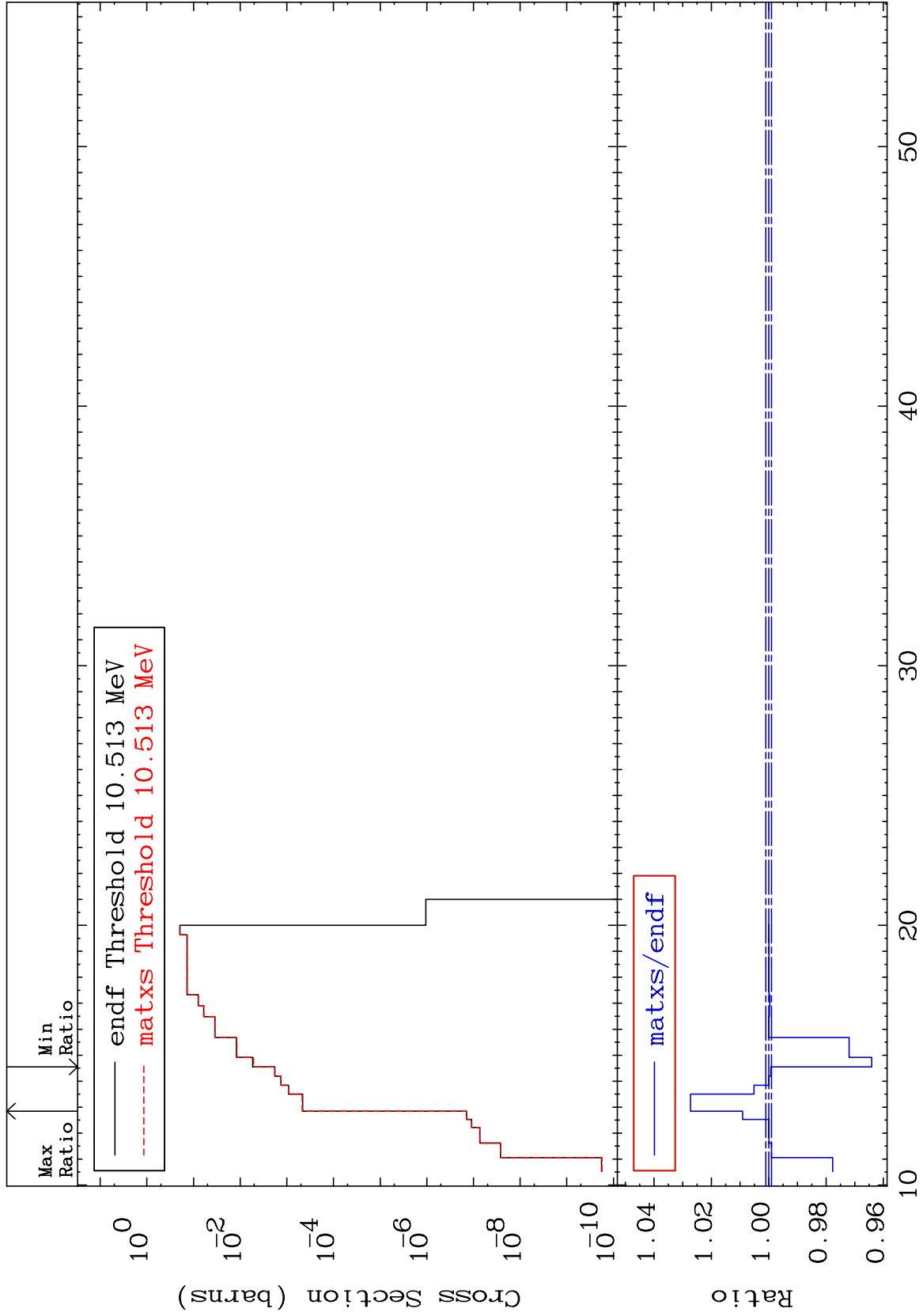
4

14-Si-30

MAT 1431

(n, n') α
Cross Section

14-Si-30
-3.592 To 2.727 %



5

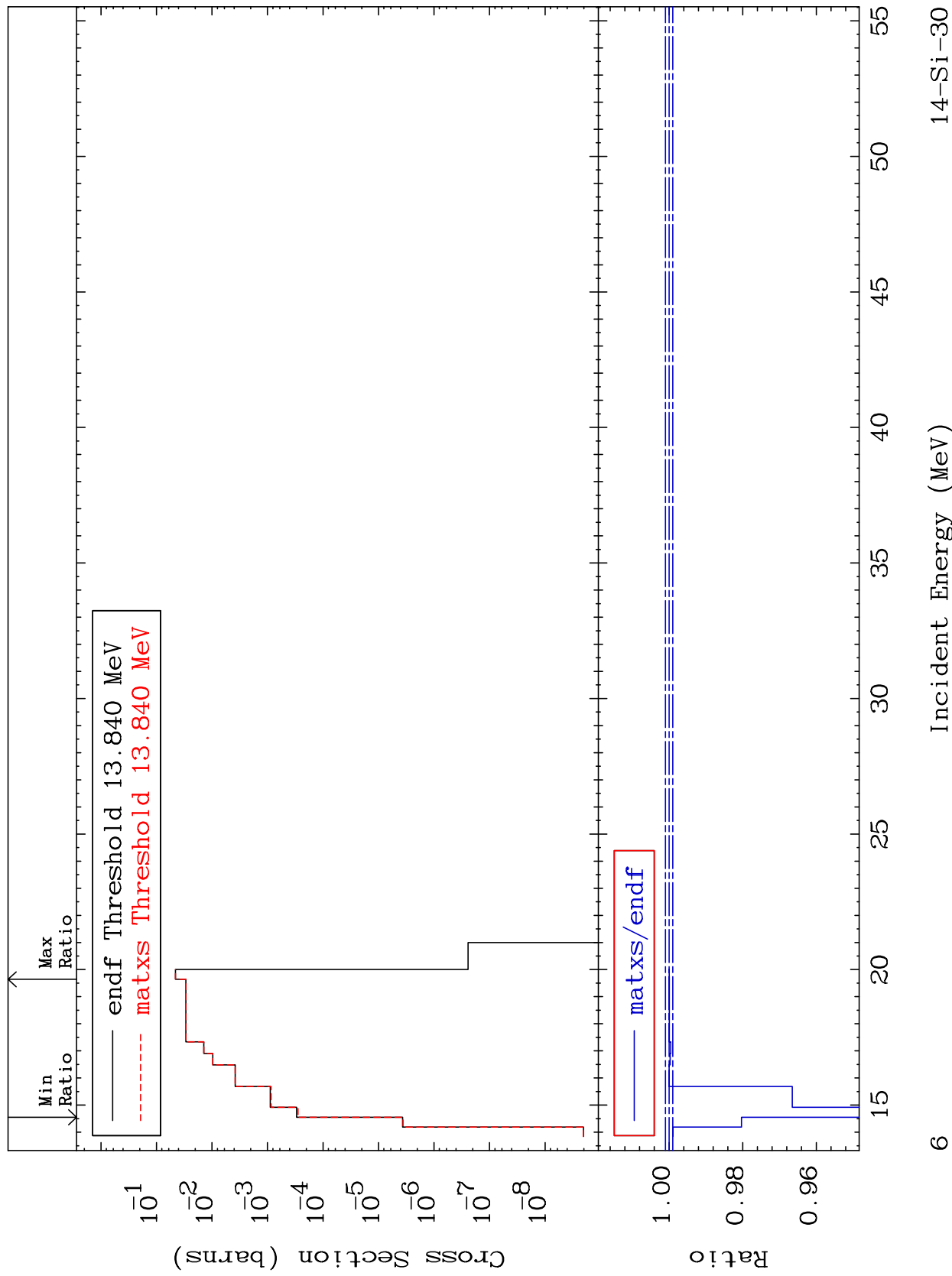
Incident Energy (MeV)

14-Si-30

MAT 1431

(n, n') p
Cross Section

14-Si-30
-5.673 To -0.003%



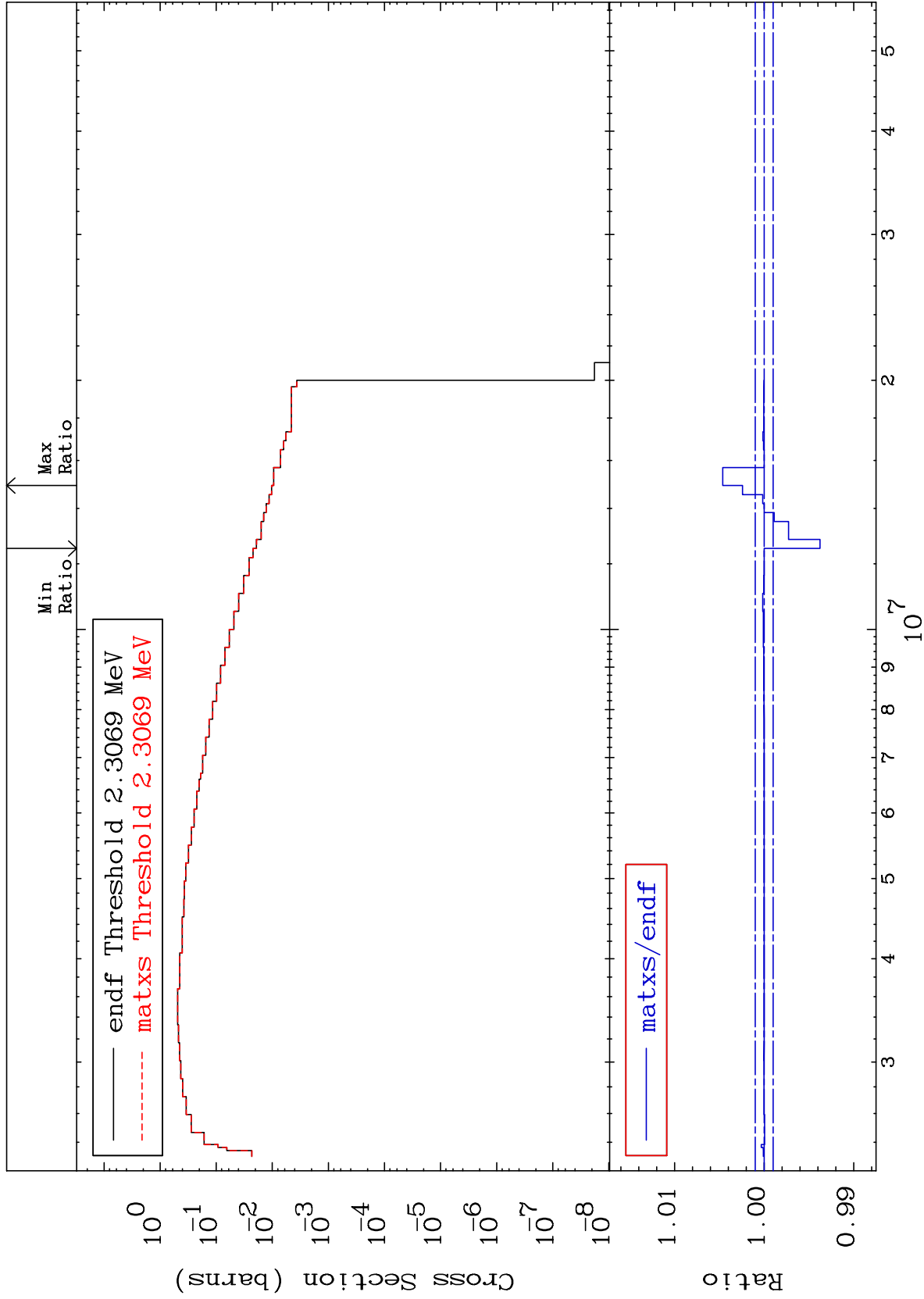
6

14-Si-30

MAT 1431

2.235 MeV (n,n') Level
Cross Section

14-Si-30
-0.624 To 0.463 %



7

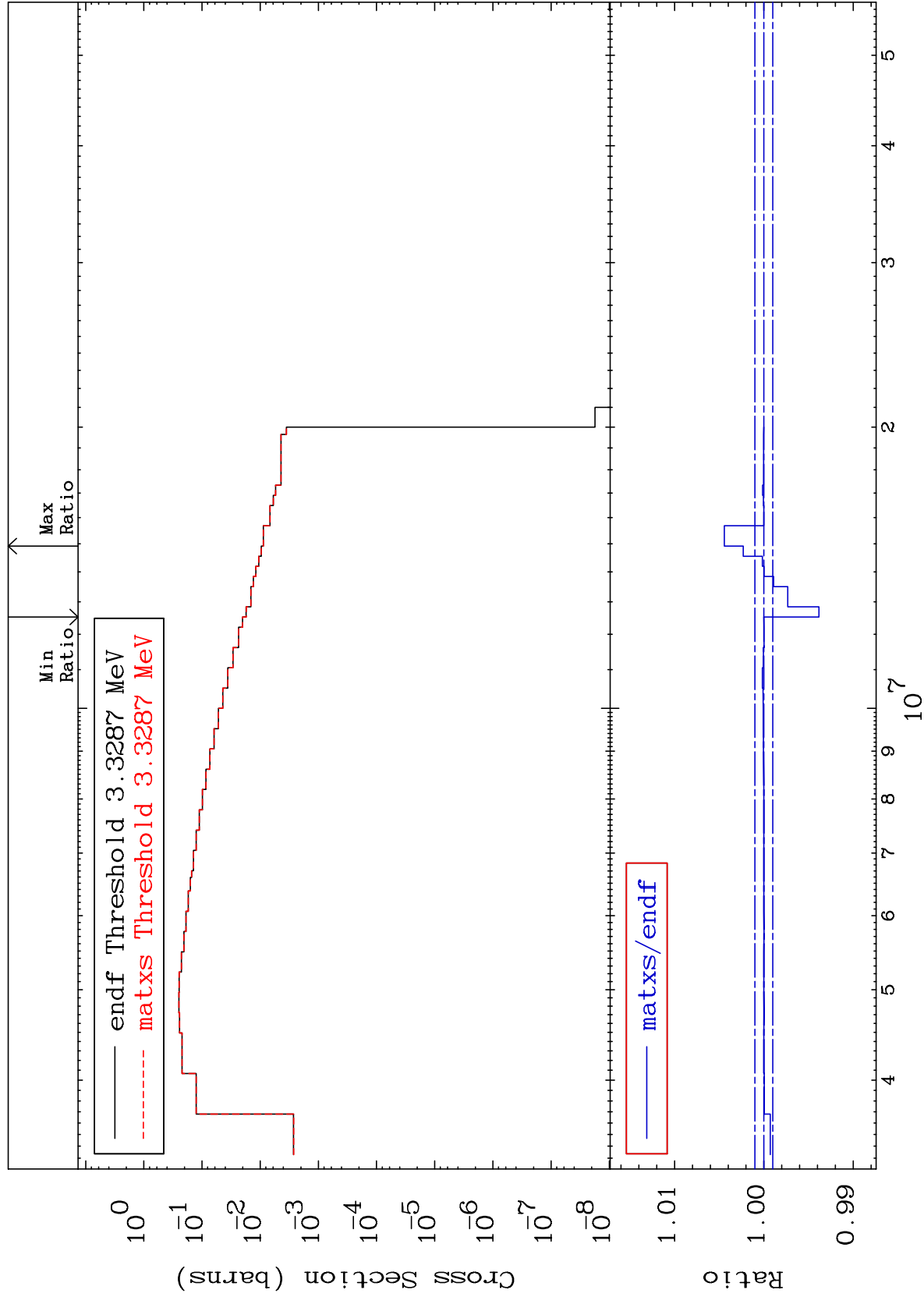
14-Si-30

14-Si-30

MAT 1431

3.498 MeV (n,n') Level
Cross Section

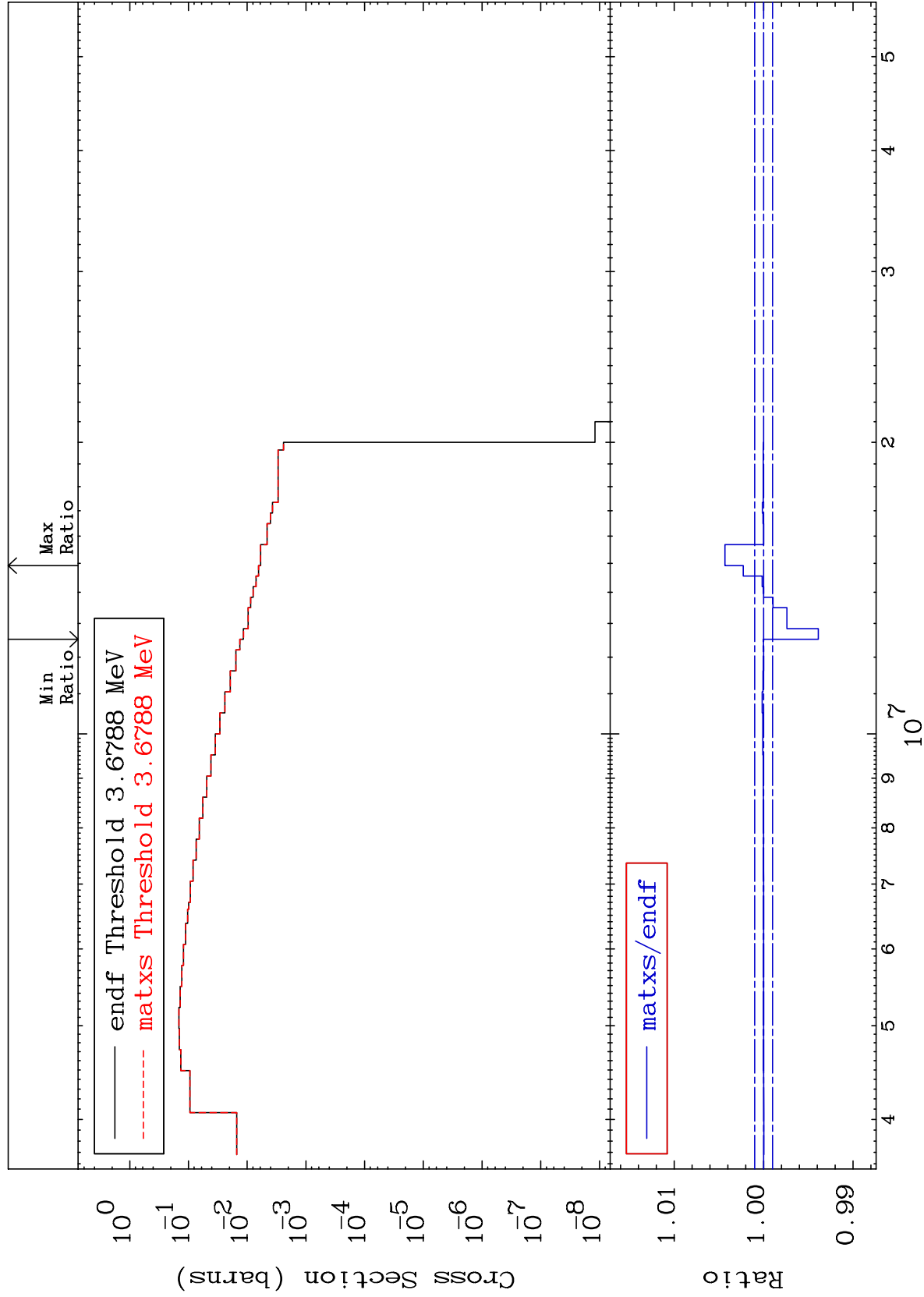
14-Si-30
-0.616 To 0.443 %



MAT 1431

3.770 MeV (n,n') Level
Cross Section

14-Si-30
-0.612 To 0.432 %



9

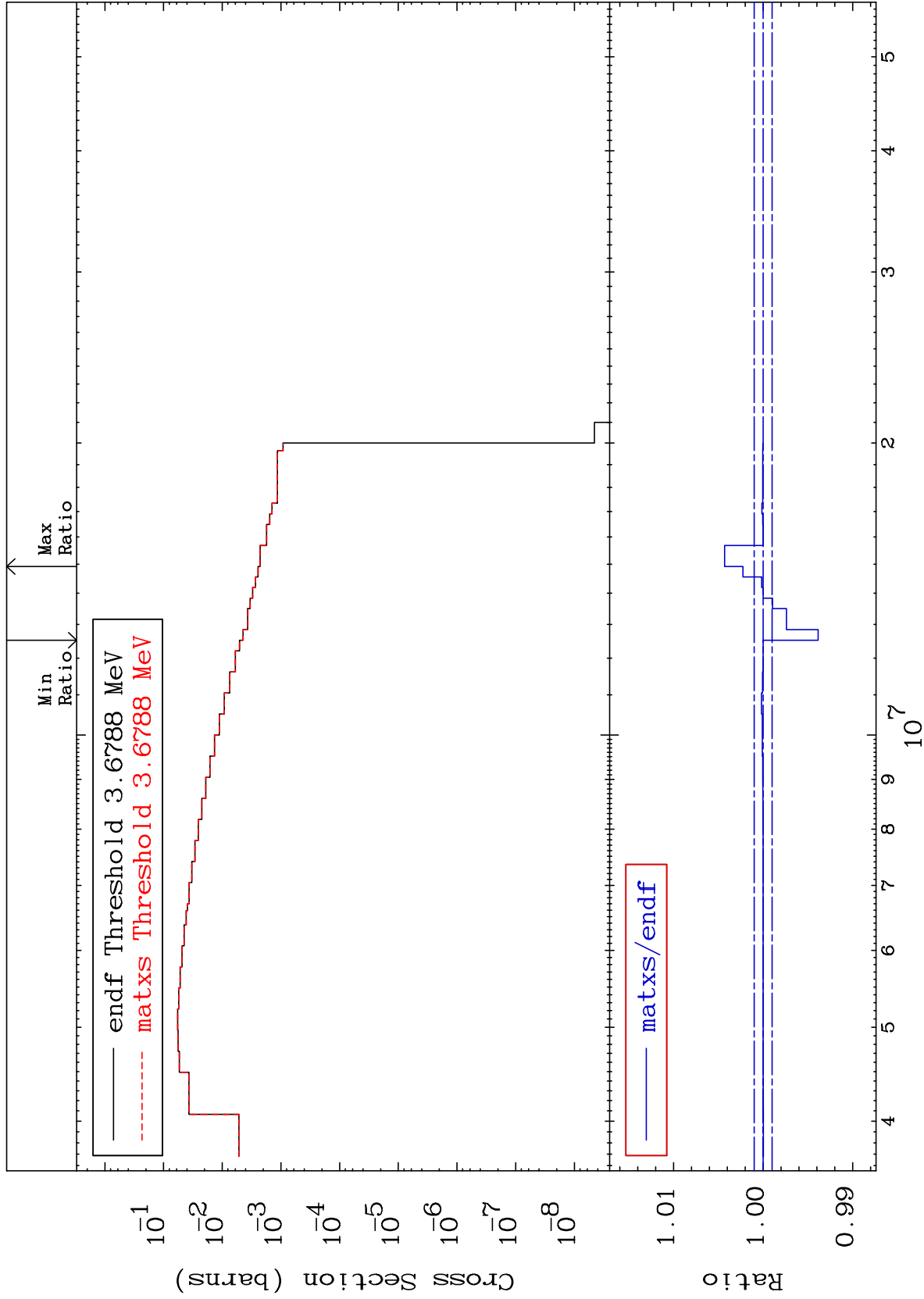
Incident Energy (eV)

14-Si-30

MAT 1431

3.788 MeV (n,n') Level
Cross Section

14-Si-30
-0.614 To 0.429 %



10

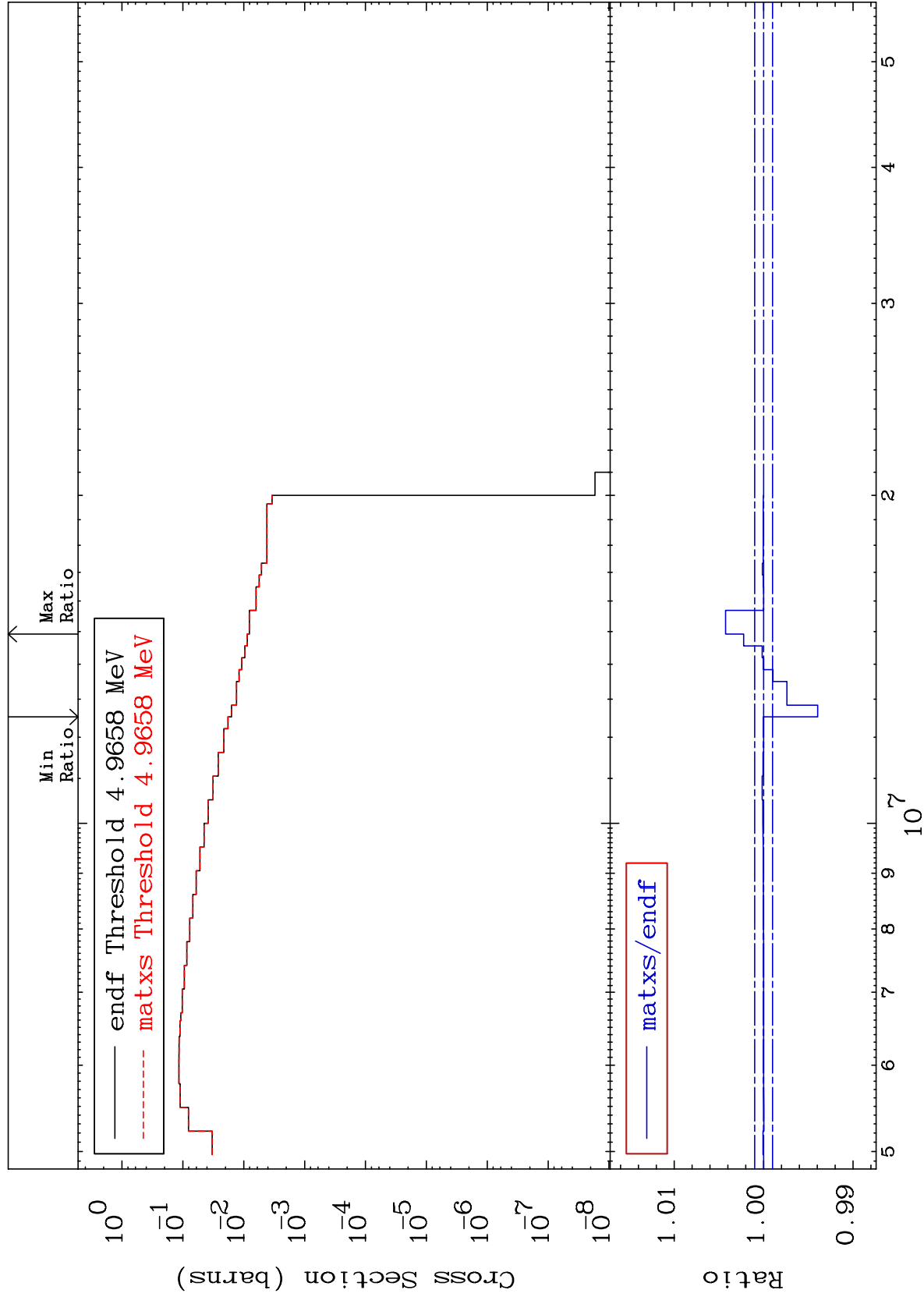
Incident Energy (eV)

14-Si-30

MAT 1431

4.809 MeV (n,n') Level
Cross Section

14-Si-30
-0.606 To 0.425 %



11

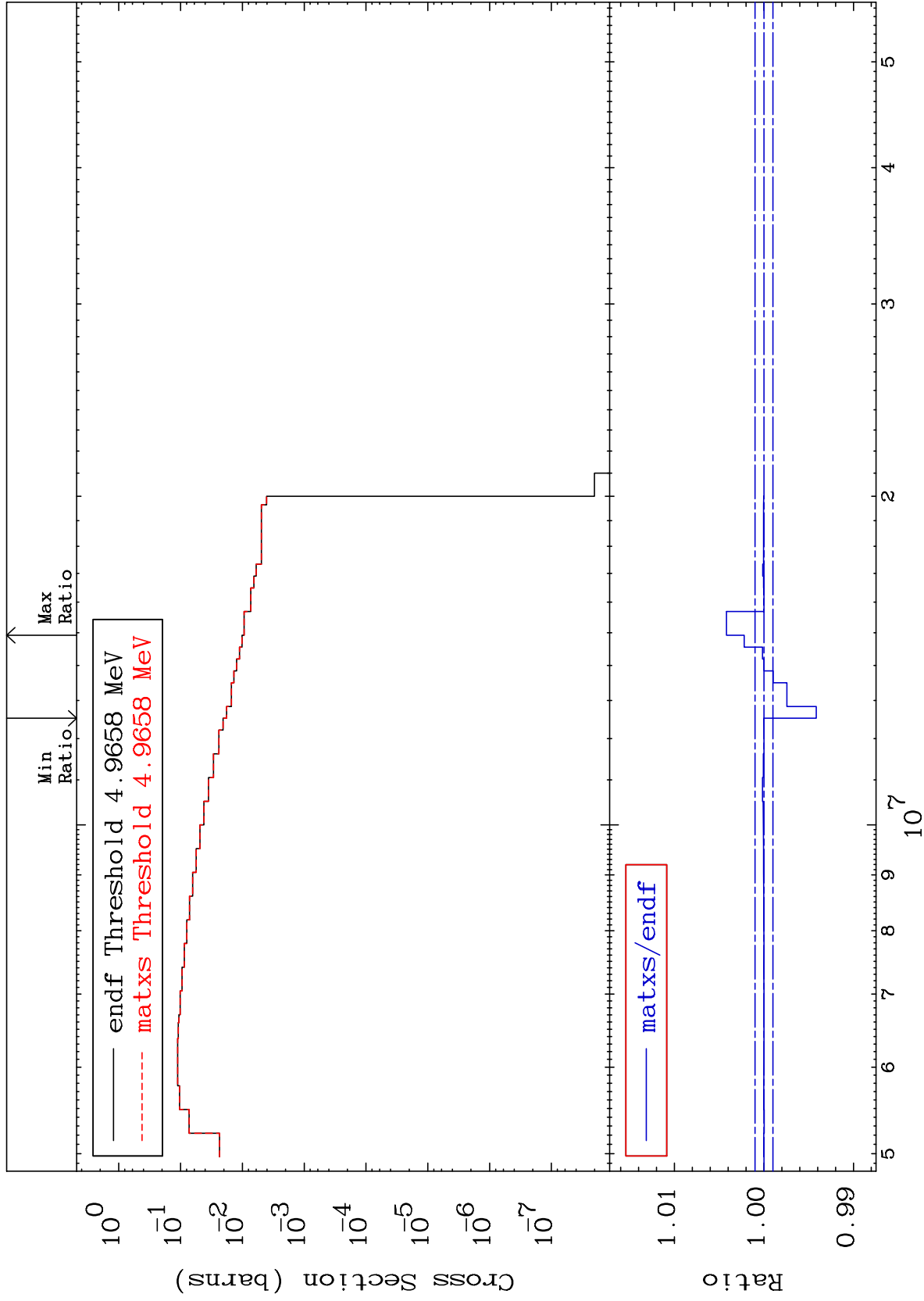
Incident Energy (eV)

14-Si-30

MAT 1431

4.830 MeV (n,n') Level
Cross Section

14-Si-30
-0.584 To 0.417 %



12

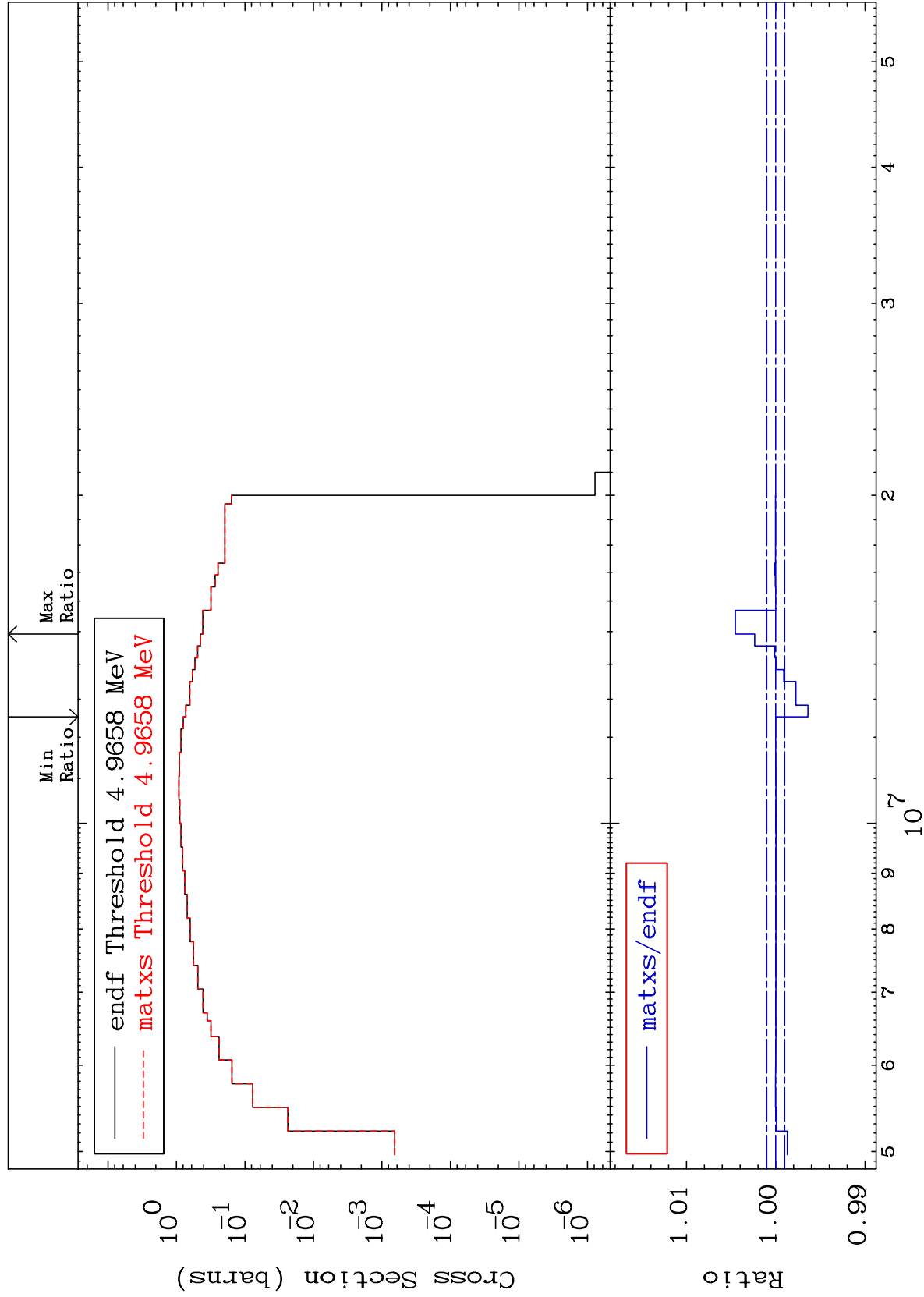
14-Si-30

14-Si-30

MAT 1431

(n,n') Continuum
Cross Section

14-Si-30
-0.361 To 0.453 %



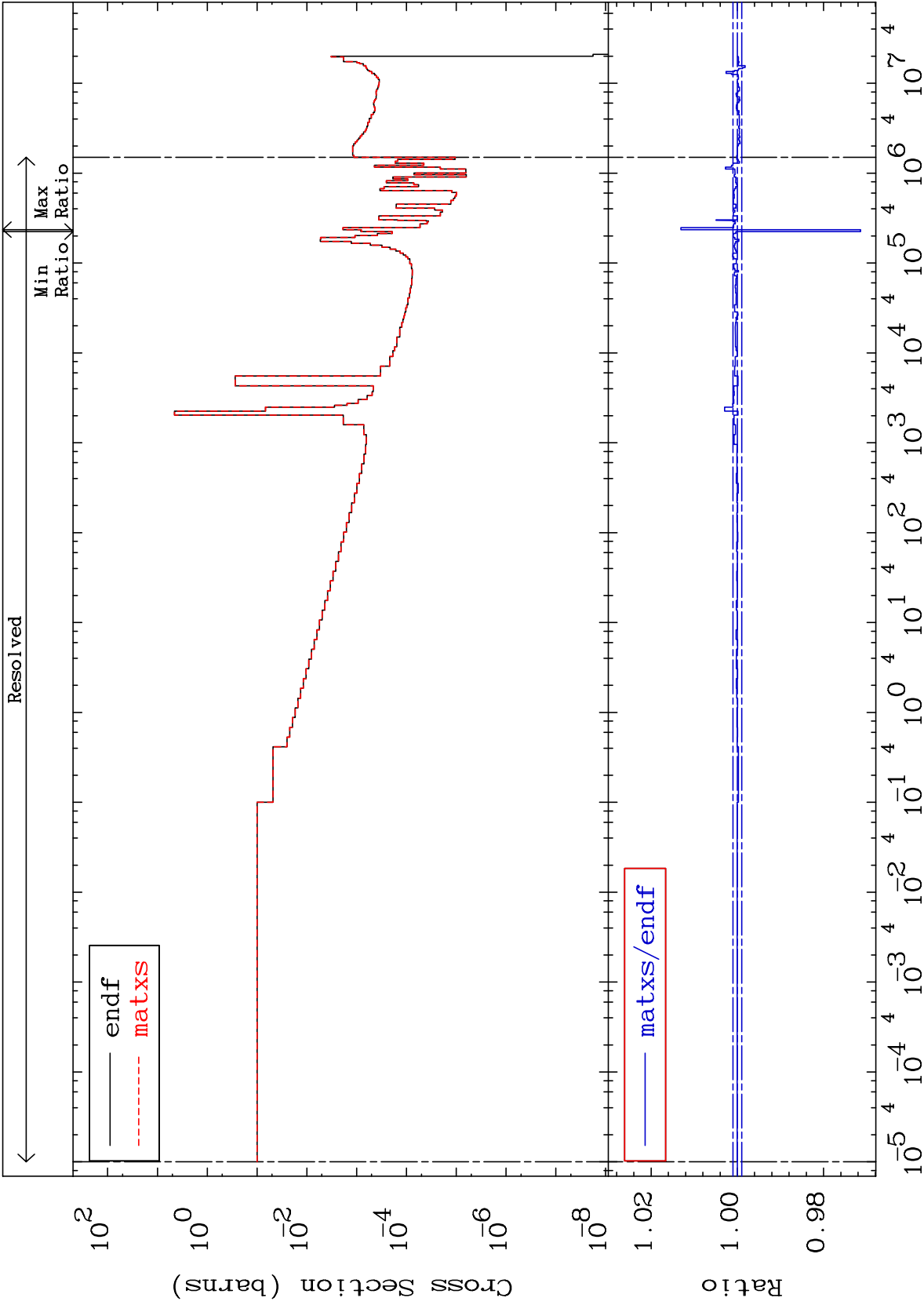
13

14-Si-30

MAT 1431

(n, γ)
Cross Section

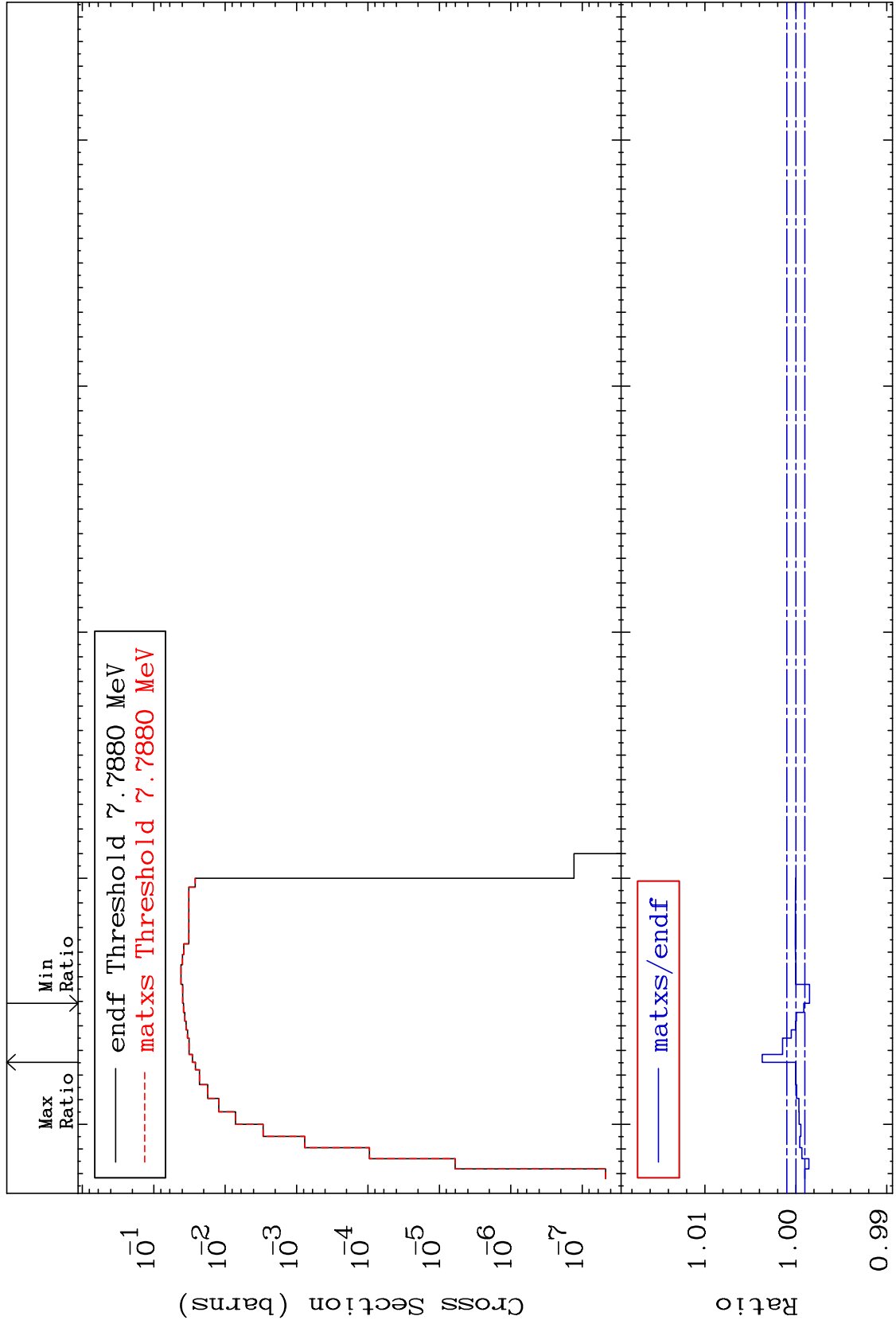
14-Si-30
-2.857 To 1.309 %



MAT 1431

(n,p)
Cross Section

14-Si-30
-0.151 To 0.369 %



15

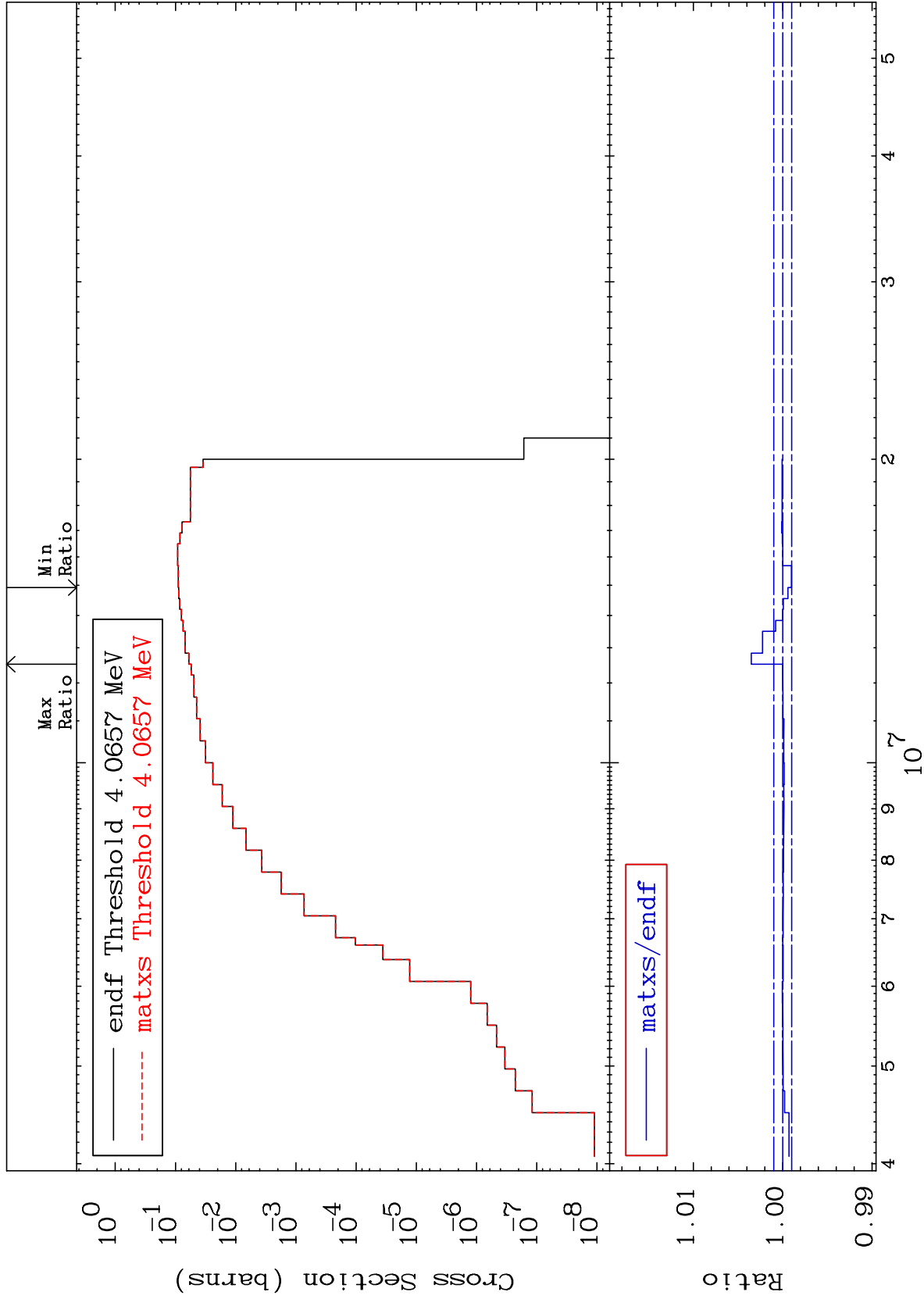
Incident Energy (MeV)

14-Si-30

MAT 1431

14-Si-30
-0.100 To 0.352 %

(n, α)
Cross Section



16

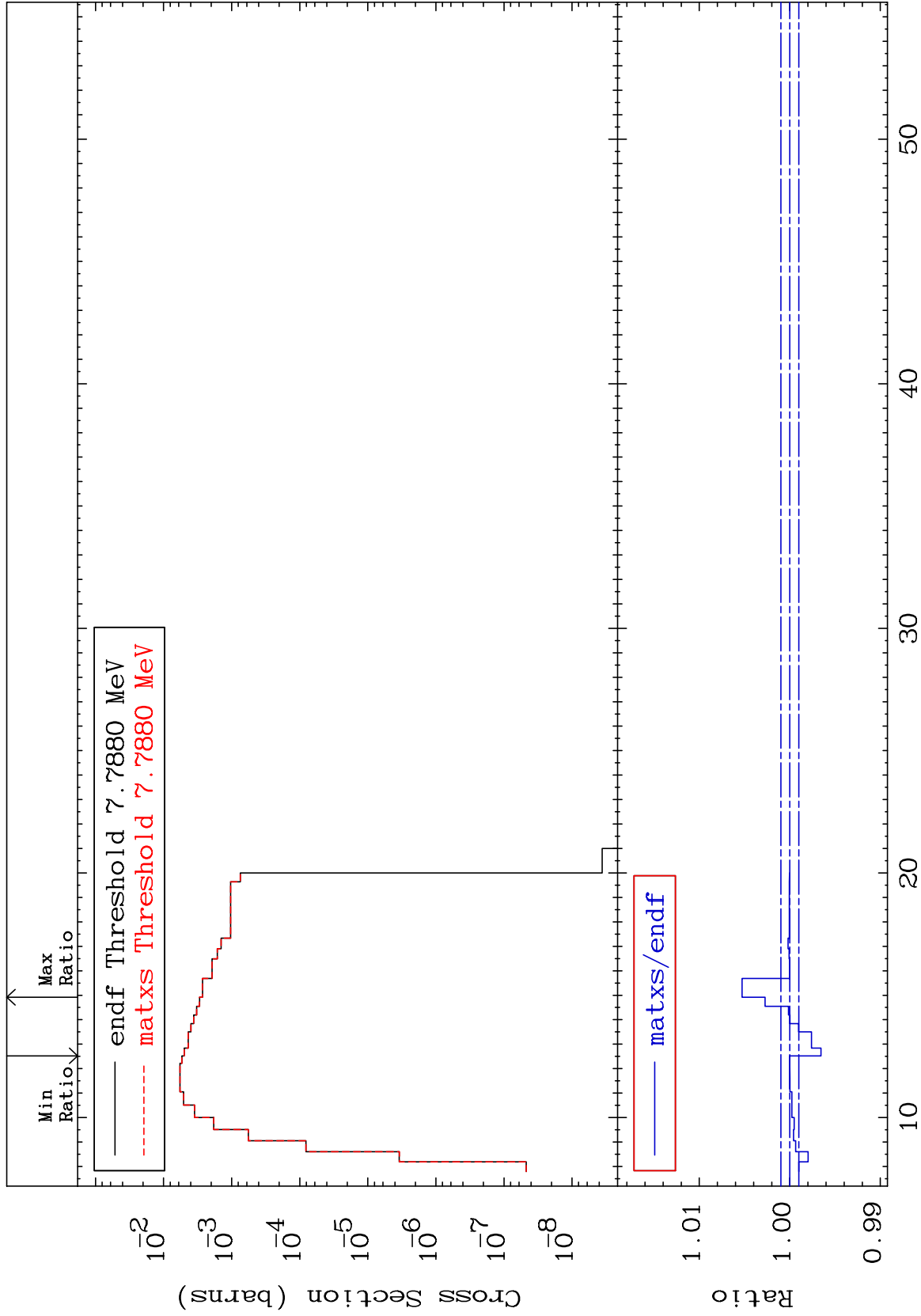
Incident Energy (eV)

14-Si-30

MAT 1431

(n, p') Ground
Cross Section

14-Si-30
-0.343 To 0.529 %



17

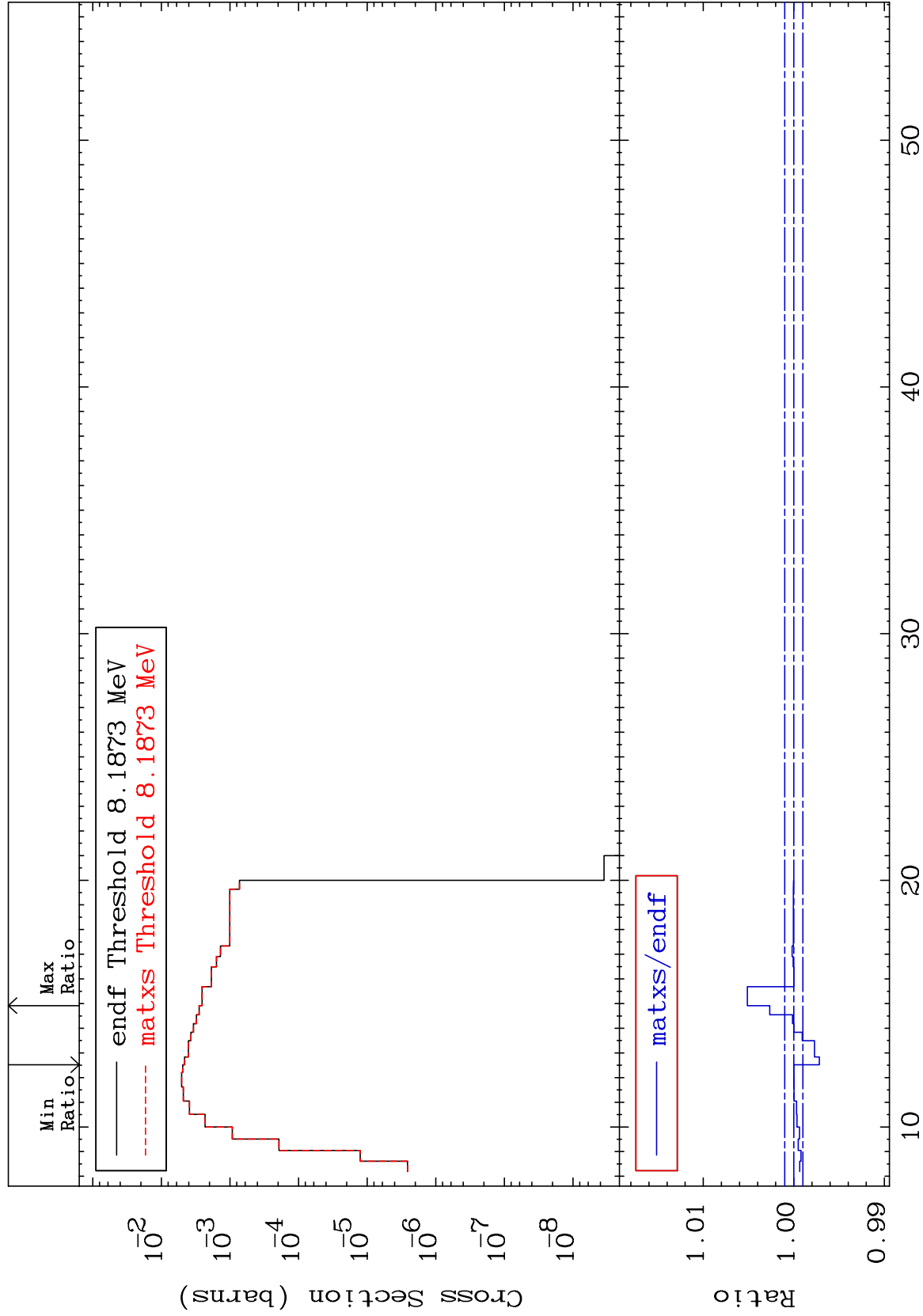
Incident Energy (MeV)

14-Si-30

MAT 1431

250.0 keV (n,p') Level
Cross Section

14-Si-30
-0.282 To 0.513 %



18

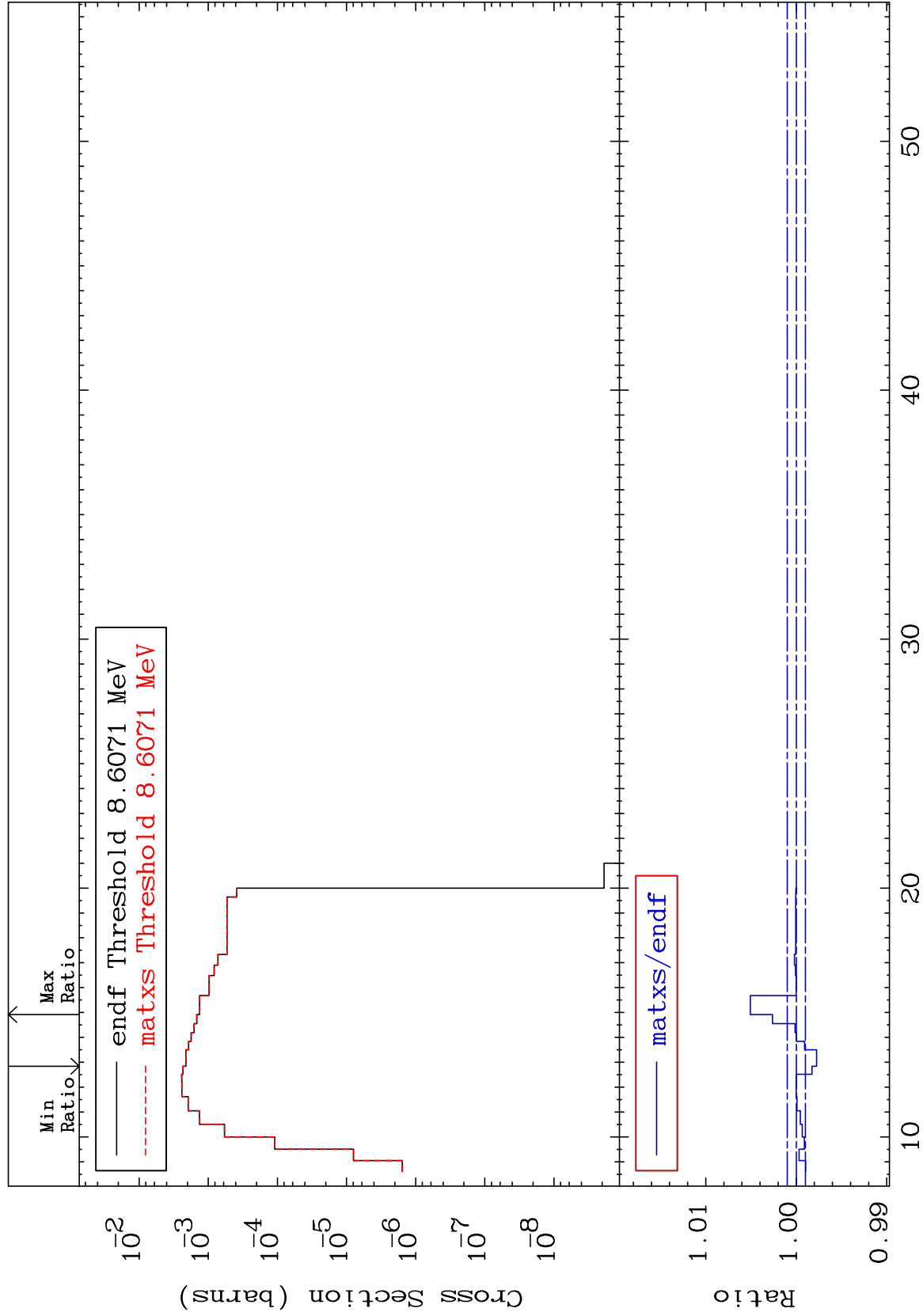
Incident Energy (MeV)

14-Si-30

MAT 1431

694.0 keV (n,p') Level
Cross Section

14-Si-30
-0.224 To 0.509 %



19

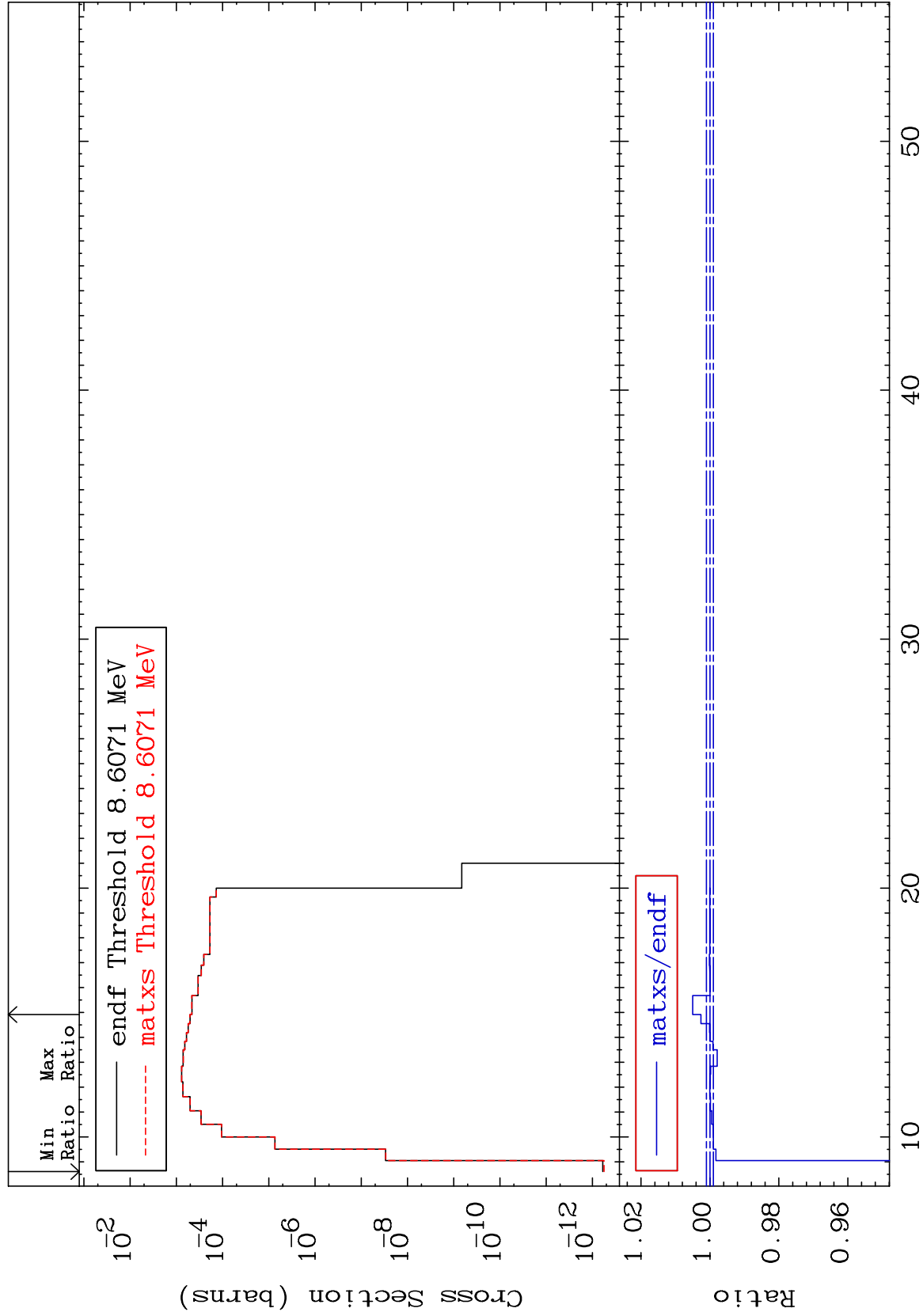
Incident Energy (MeV)

14-Si-30

MAT 1431

1.000 MeV (n,p') Level
Cross Section

14-Si-30
-5.339 To 0.500 %



20

Incident Energy (MeV)

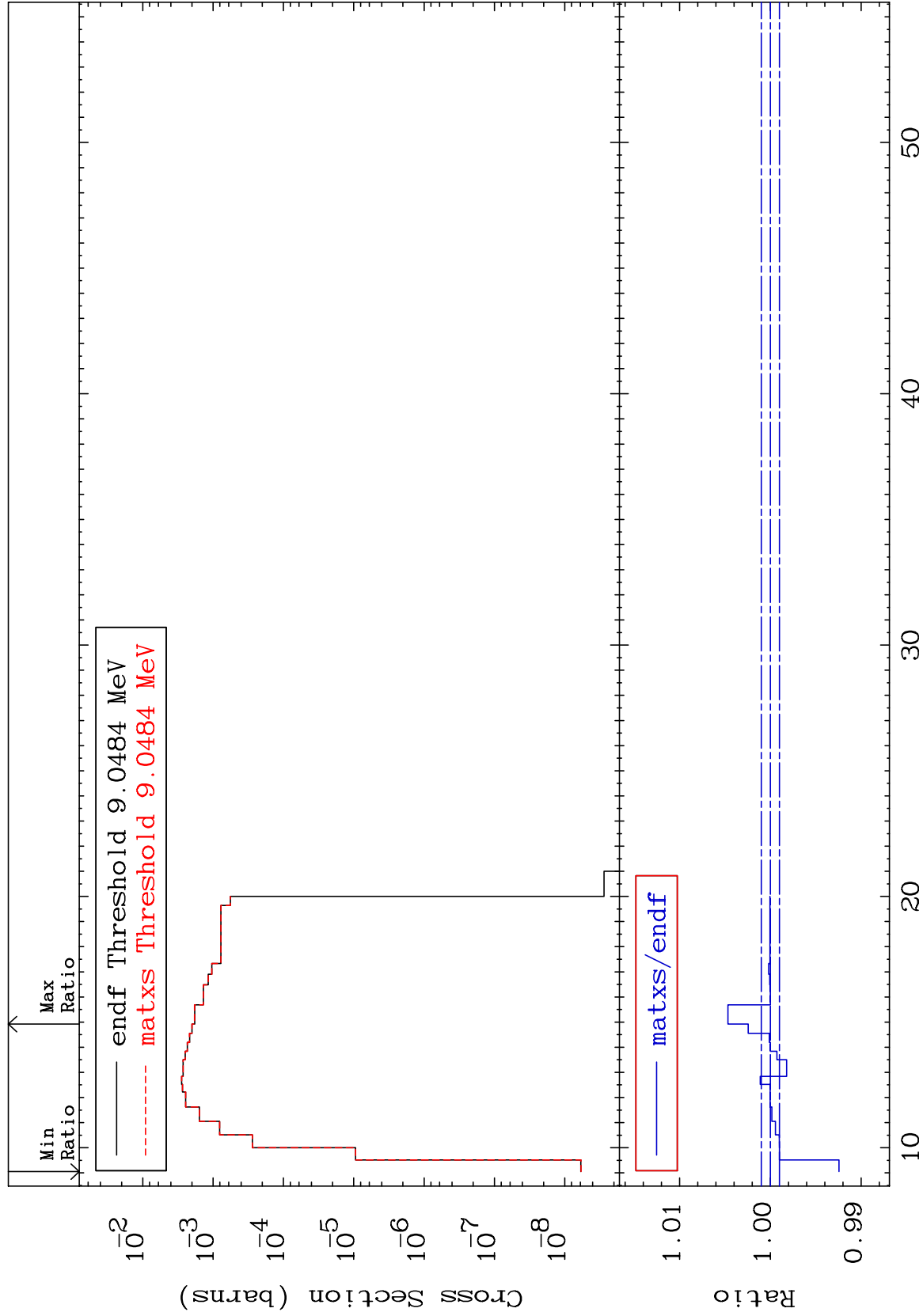
50

14-Si-30

MAT 1431

1.135 MeV (n,p') Level
Cross Section

14-Si-30
-0.755 To 0.468 %



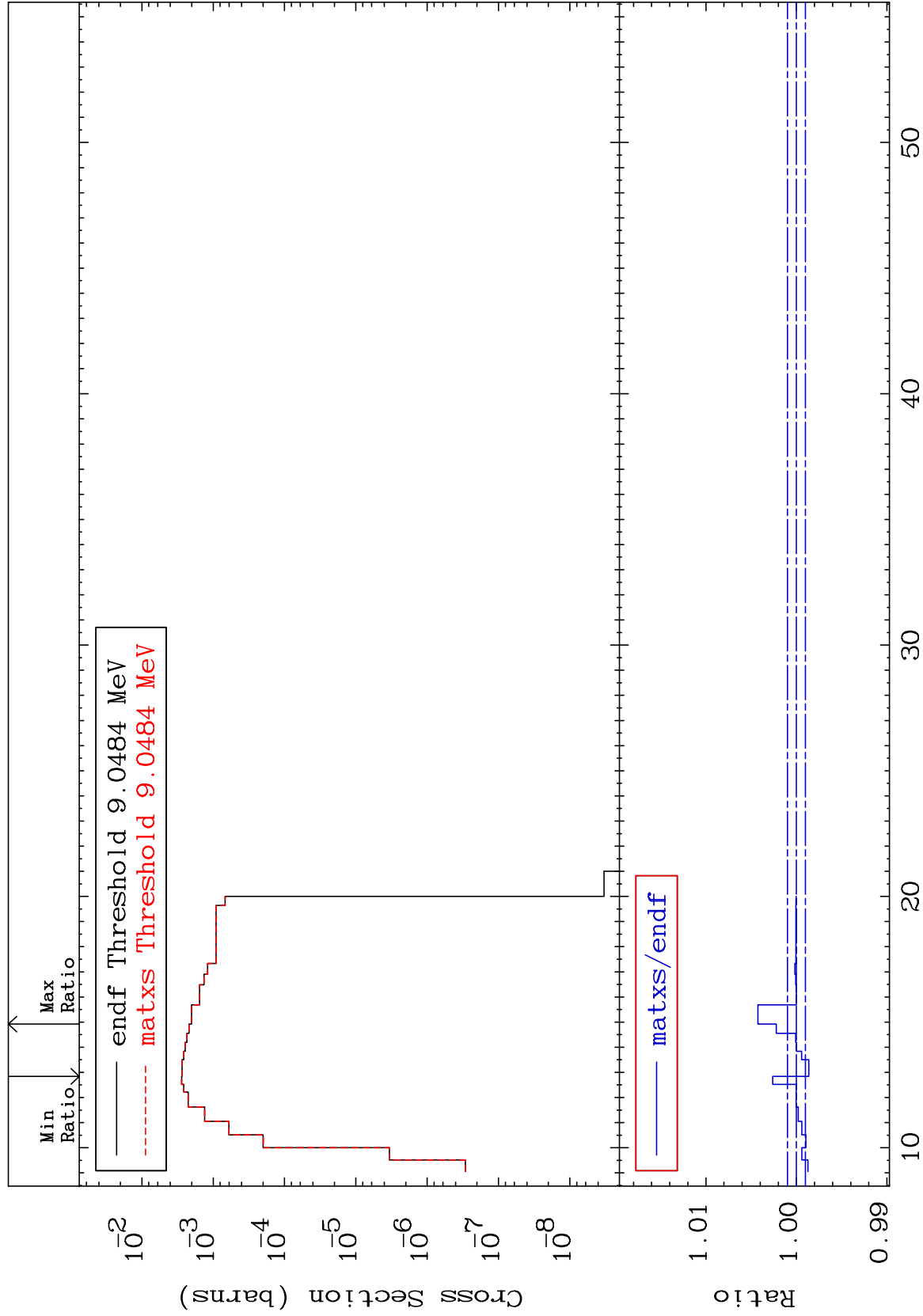
21

14-Si-30

MAT 1431

1.262 MeV (n,p') Level
Cross Section

14-Si-30
-0.137 To 0.426 %



22

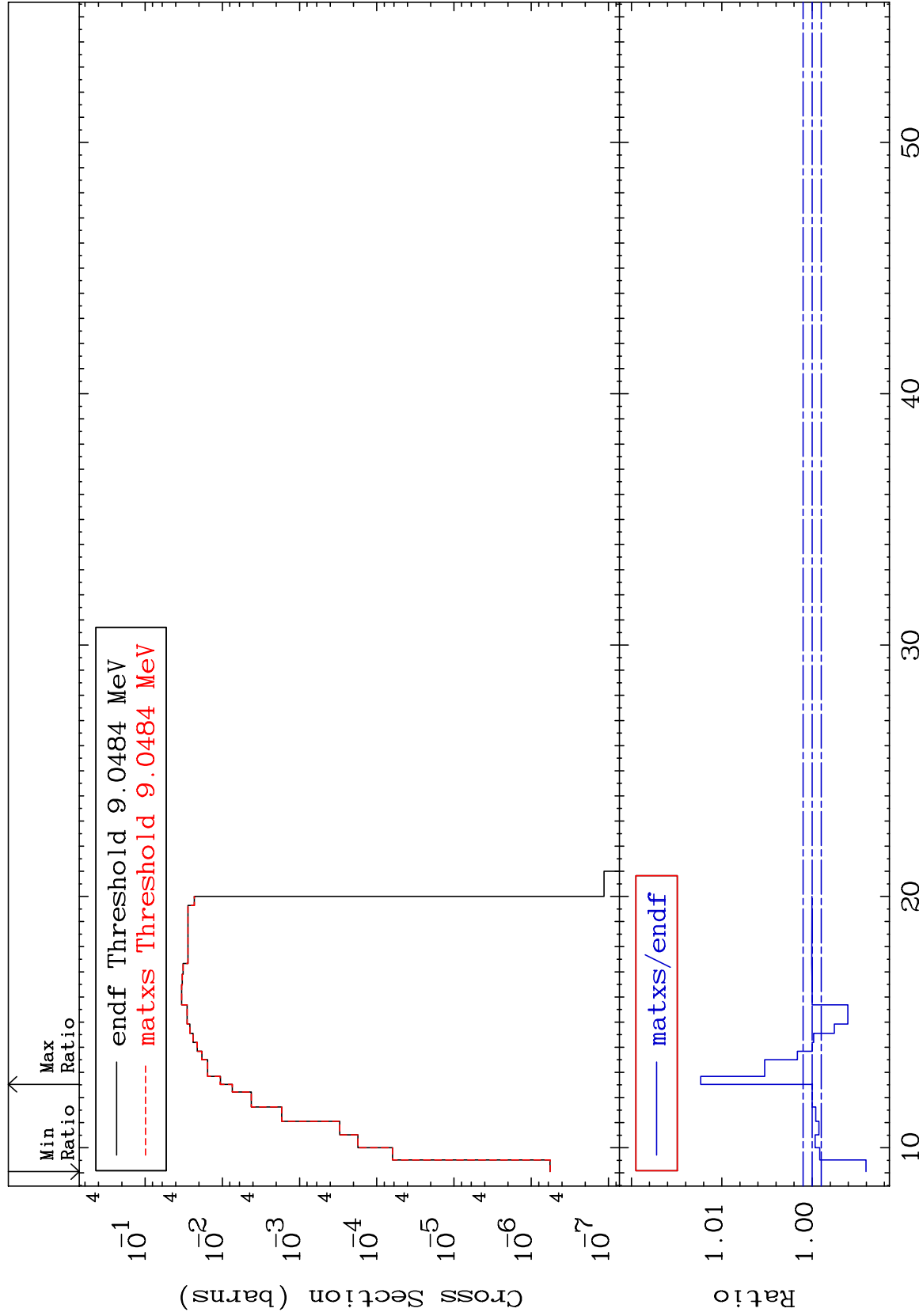
Incident Energy (MeV)

14-Si-30

MAT 1431

1.400 MeV (n,p') Level
Cross Section

14-Si-30
-0.596 To 1.233 %



23

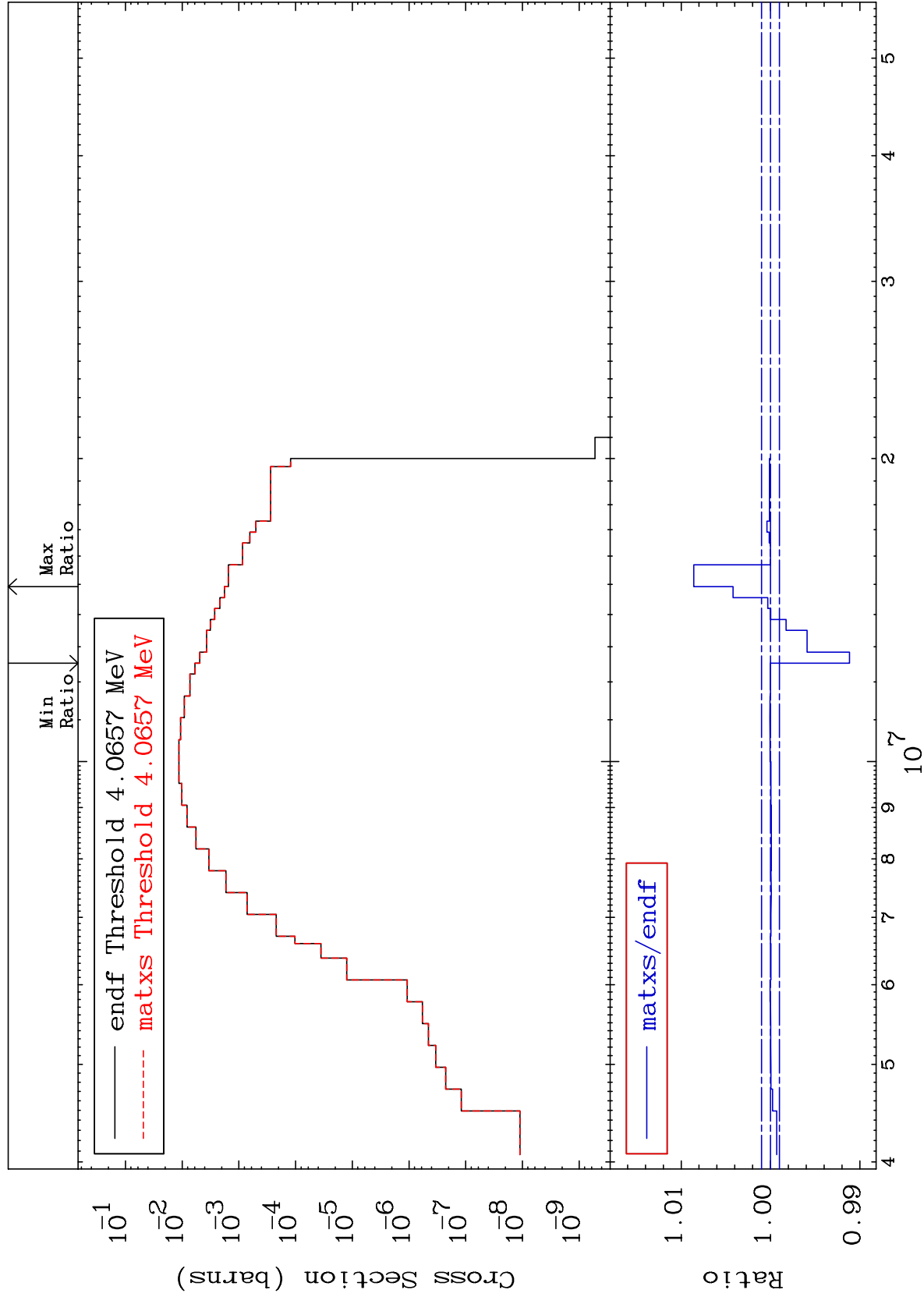
14-Si-30

14-Si-30

MAT 1431

(n, α') Ground
Cross Section

14-Si-30
-0.885 To 0.859 %



24

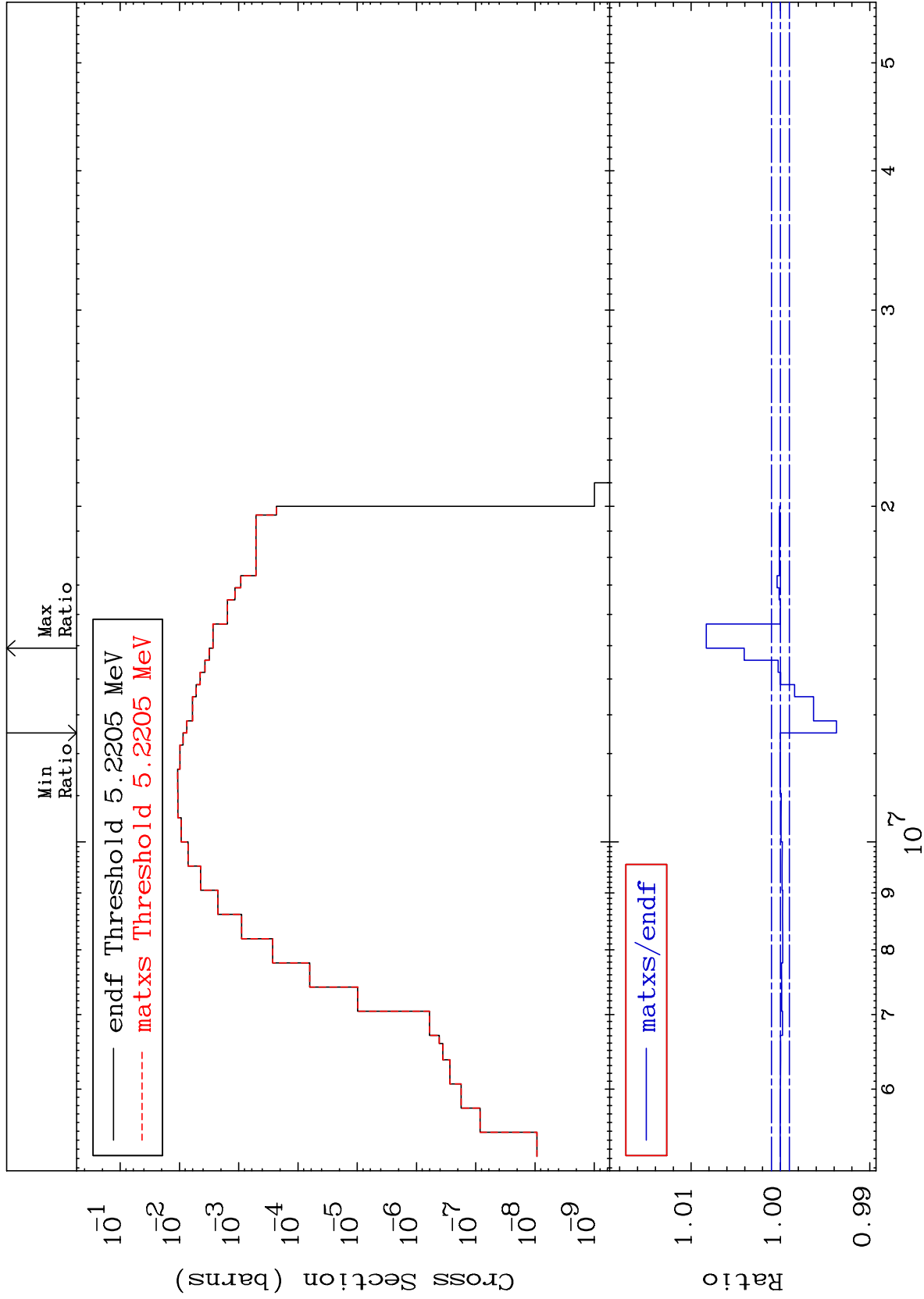
14-Si-30

14-Si-30

MAT 1431

985.0 keV (n, α') Level
Cross Section

14-Si-30
-0.626 To 0.830 %



25

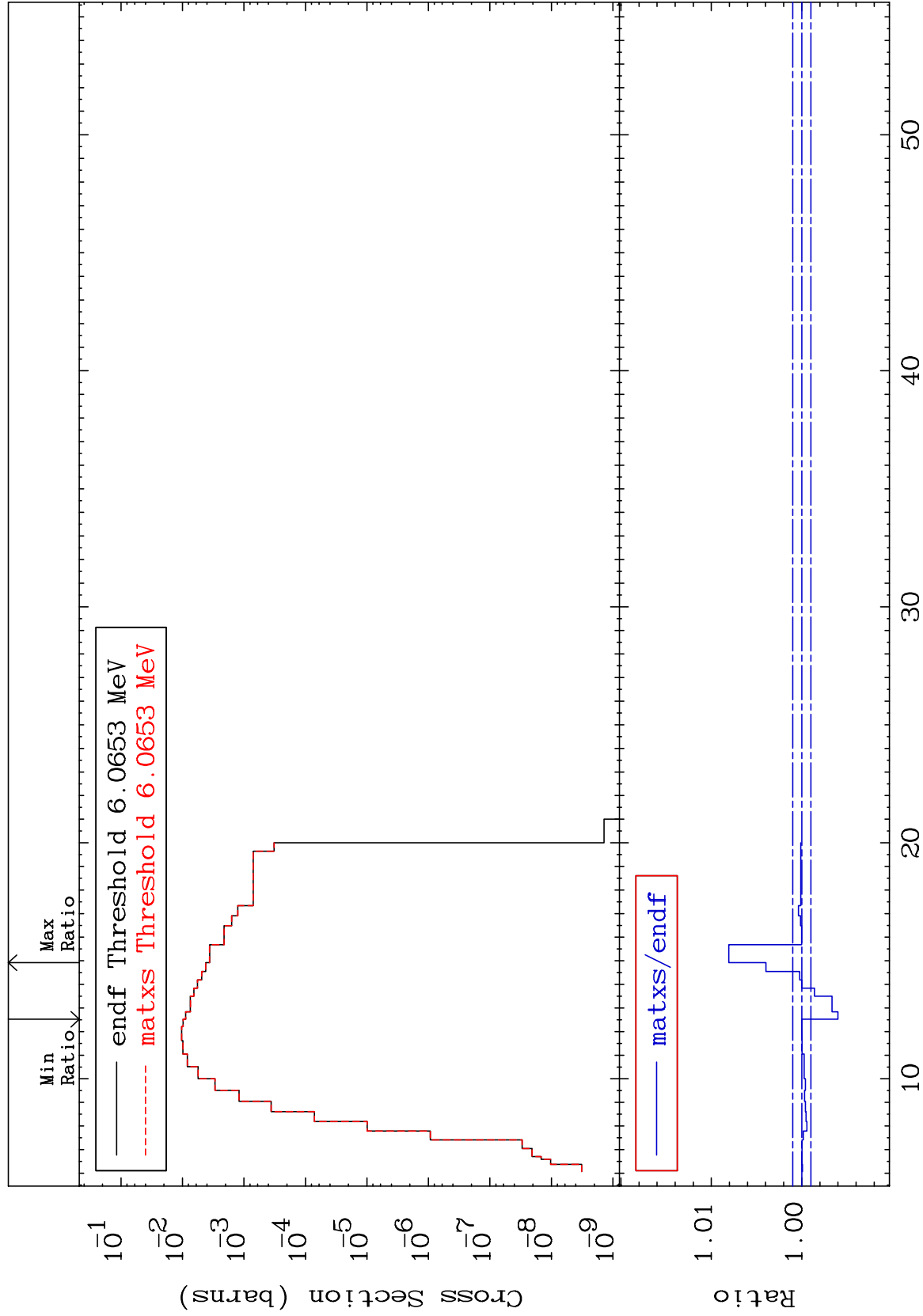
Incident Energy (eV)

14-Si-30

MAT 1431

1.698 MeV (n, α') Level
Cross Section

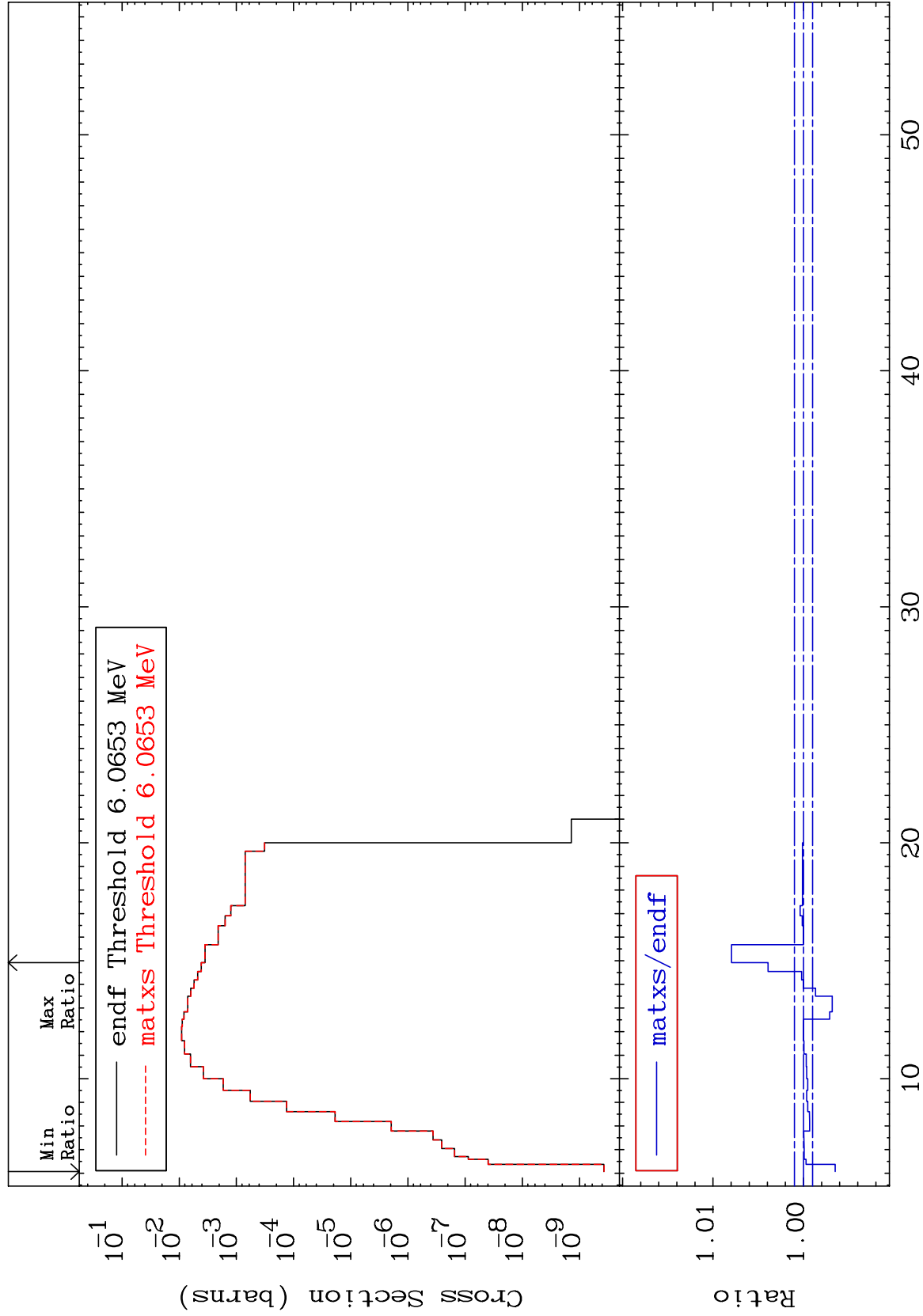
14-Si-30
-0.400 To 0.807 %



MAT 1431

1.940 MeV (n, α') Level
Cross Section

14-Si-30
-0.351 To 0.796 %



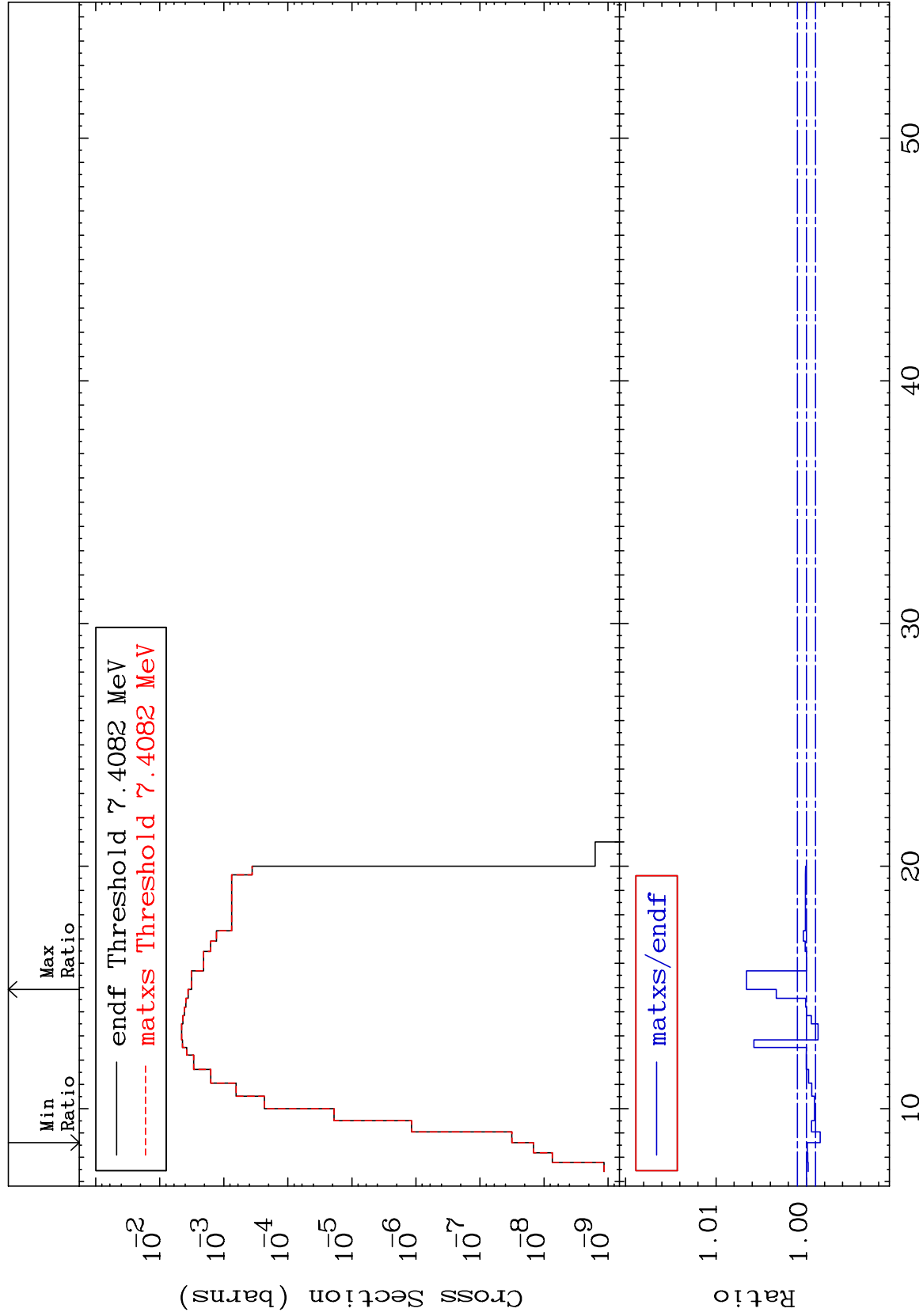
27

14-Si-30

MAT 1431

3.109 MeV (n, α') Level
Cross Section

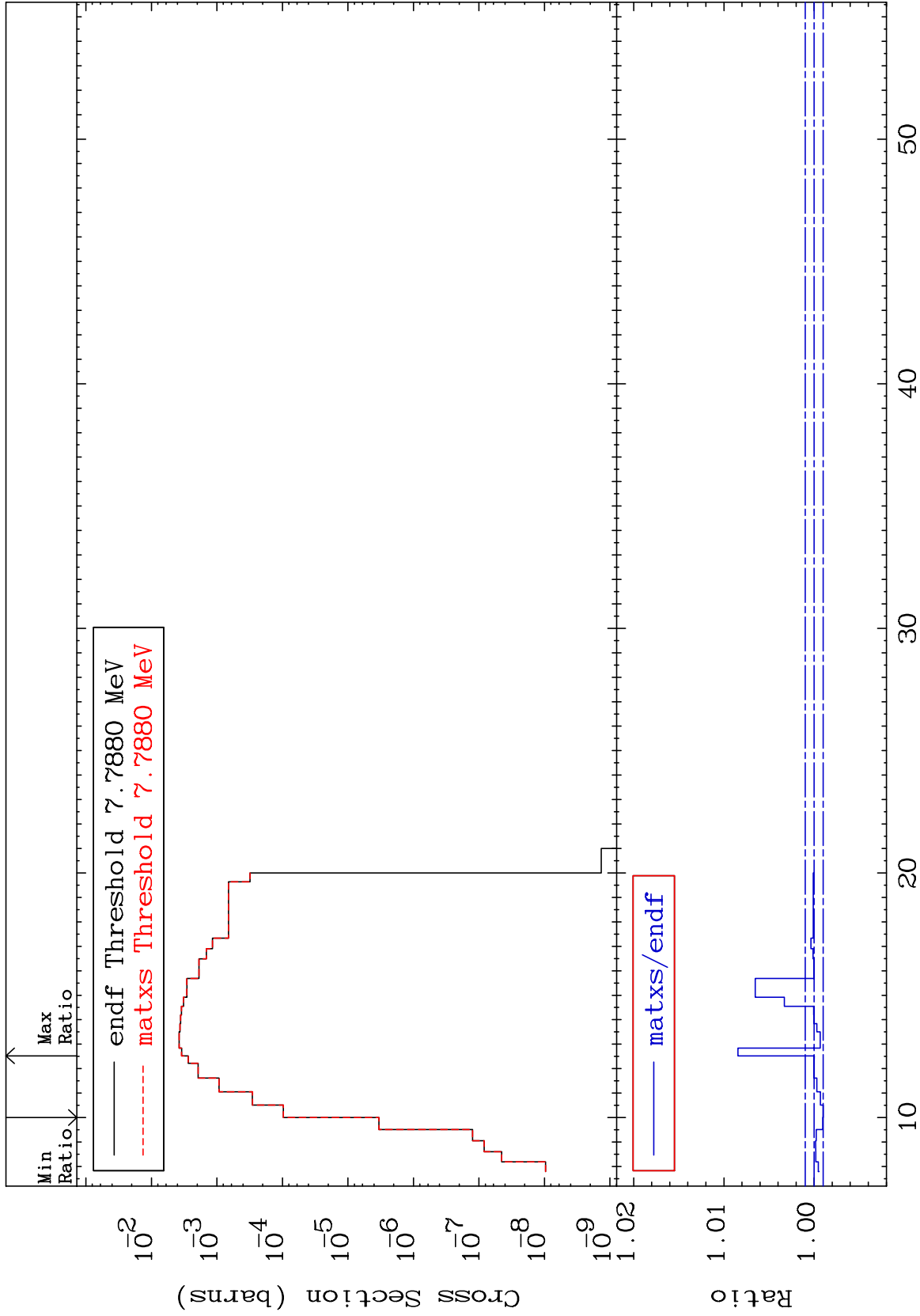
14-Si-30
-0.152 To 0.662 %



MAT 1431

3.427 MeV (n, α') Level
Cross Section

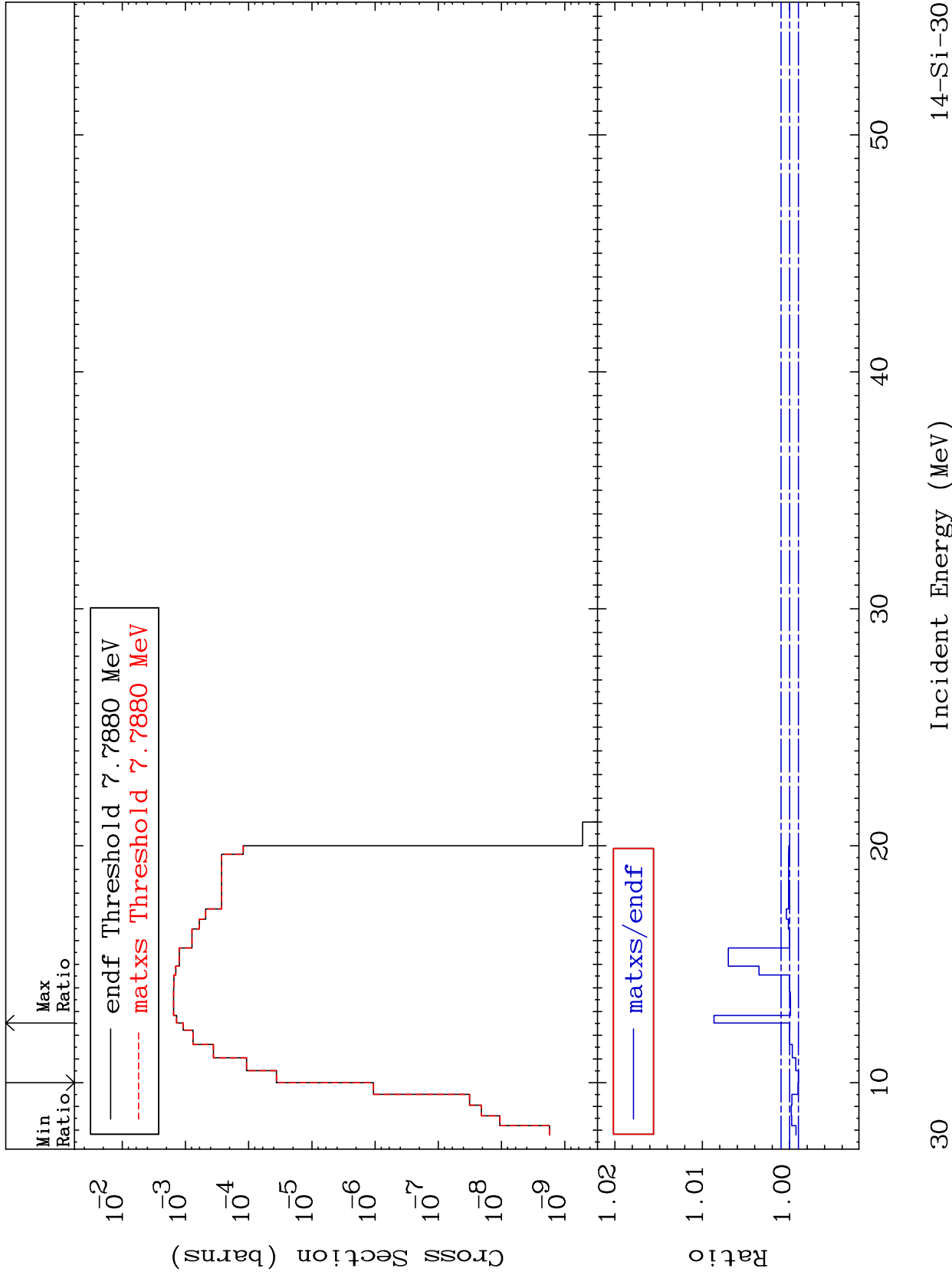
14-Si-30
-0.099 To 0.846 %



MAT 1431

3.476 MeV (n,α') Level
Cross Section

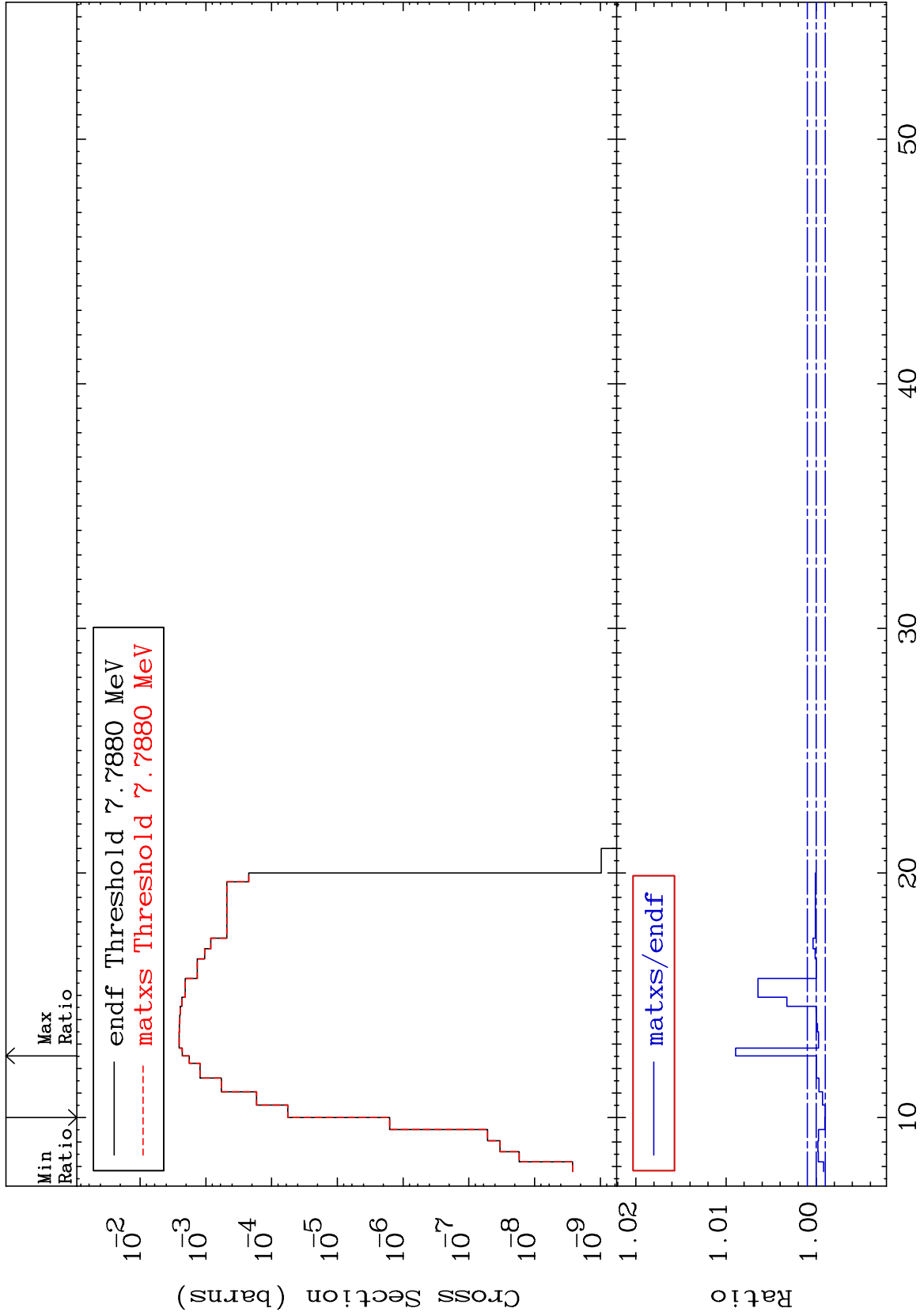
14-Si-30
-0.100 To 0.865 %



MAT 1431

3.485 MeV (n,α') Level
Cross Section

14-Si-30
-0.100 To 0.894 %



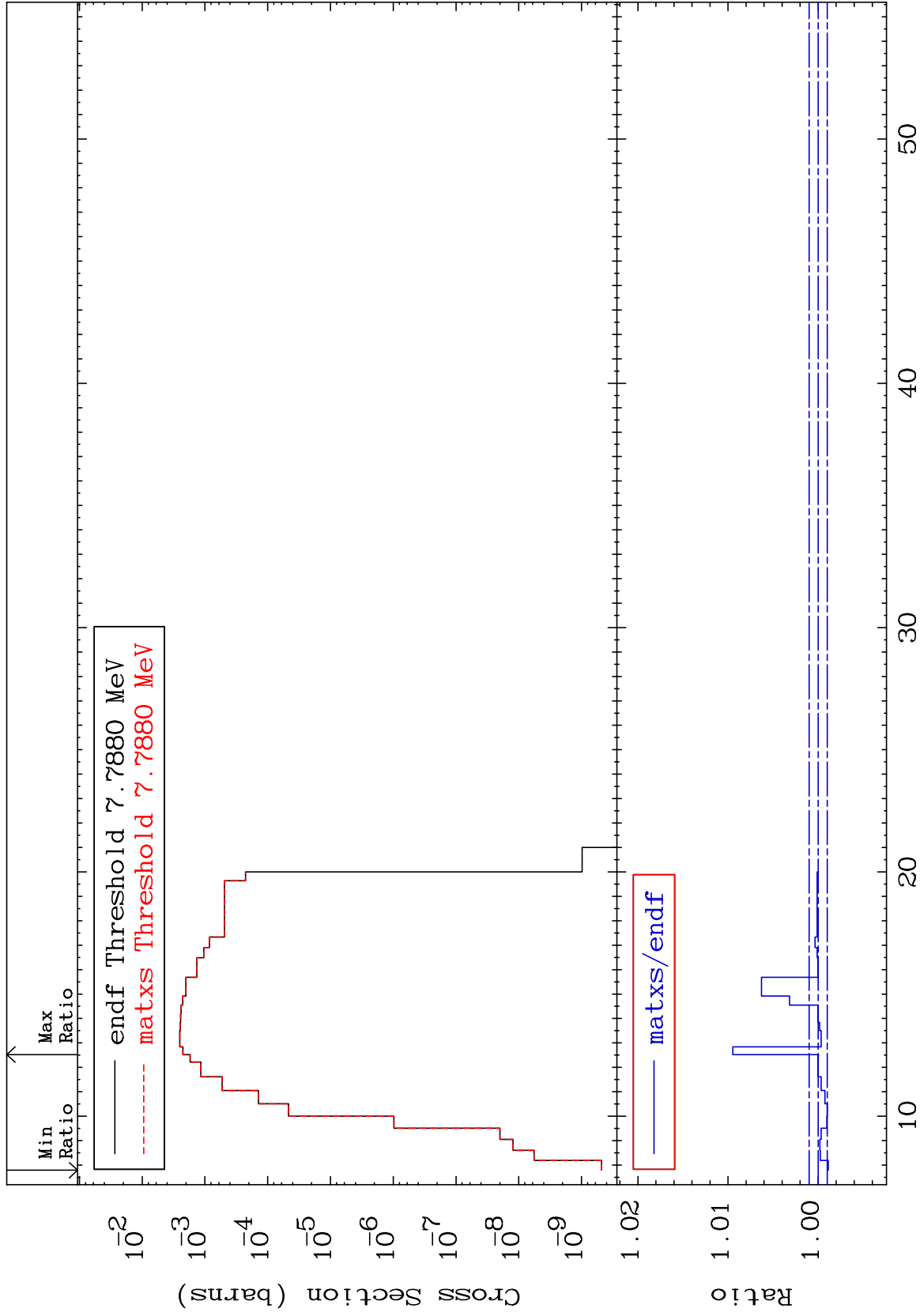
31

14-Si-30

MAT 1431

3.561 MeV (n, α') Level
Cross Section

14-Si-30
-0.113 To 0.947 %



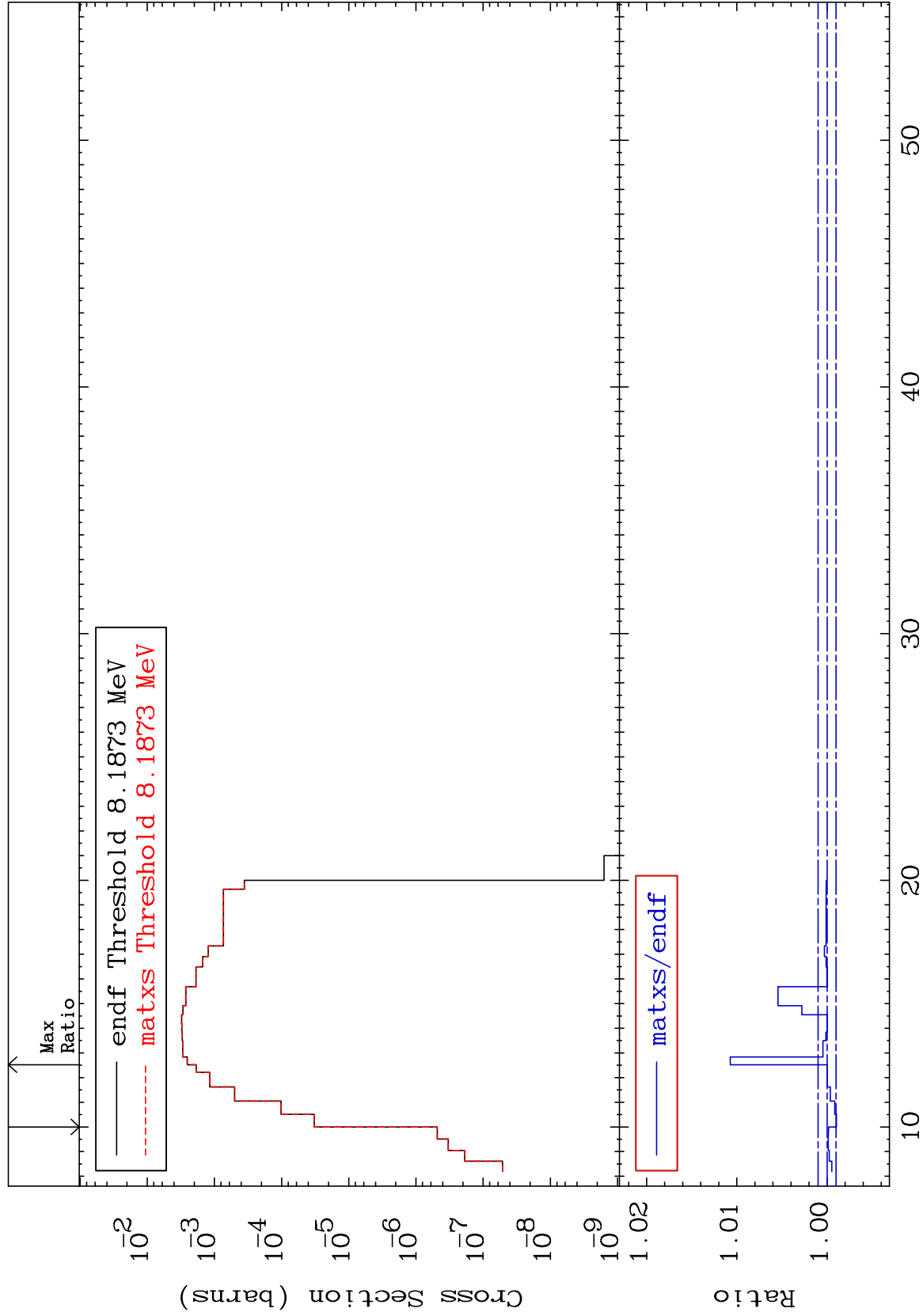
32

14-Si-30

MAT 1431

3.760 MeV (n,α') Level
Cross Section

14-Si-30
-0.105 To 1.074 %



33

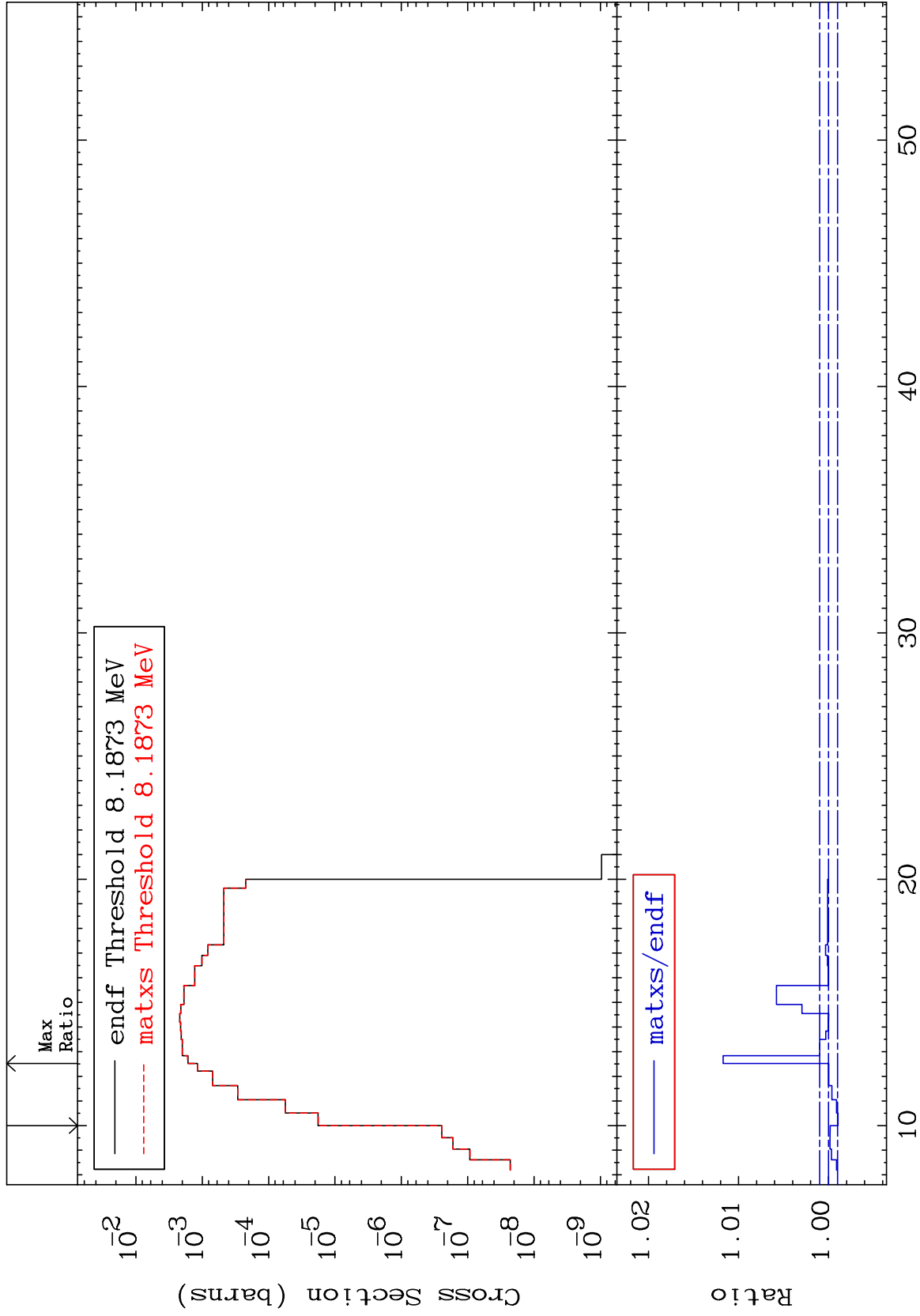
Incident Energy (MeV)

14-Si-30

MAT 1431

3.786 MeV (n, α') Level
Cross Section

14-Si-30
-0.105 To 1.171 %



34

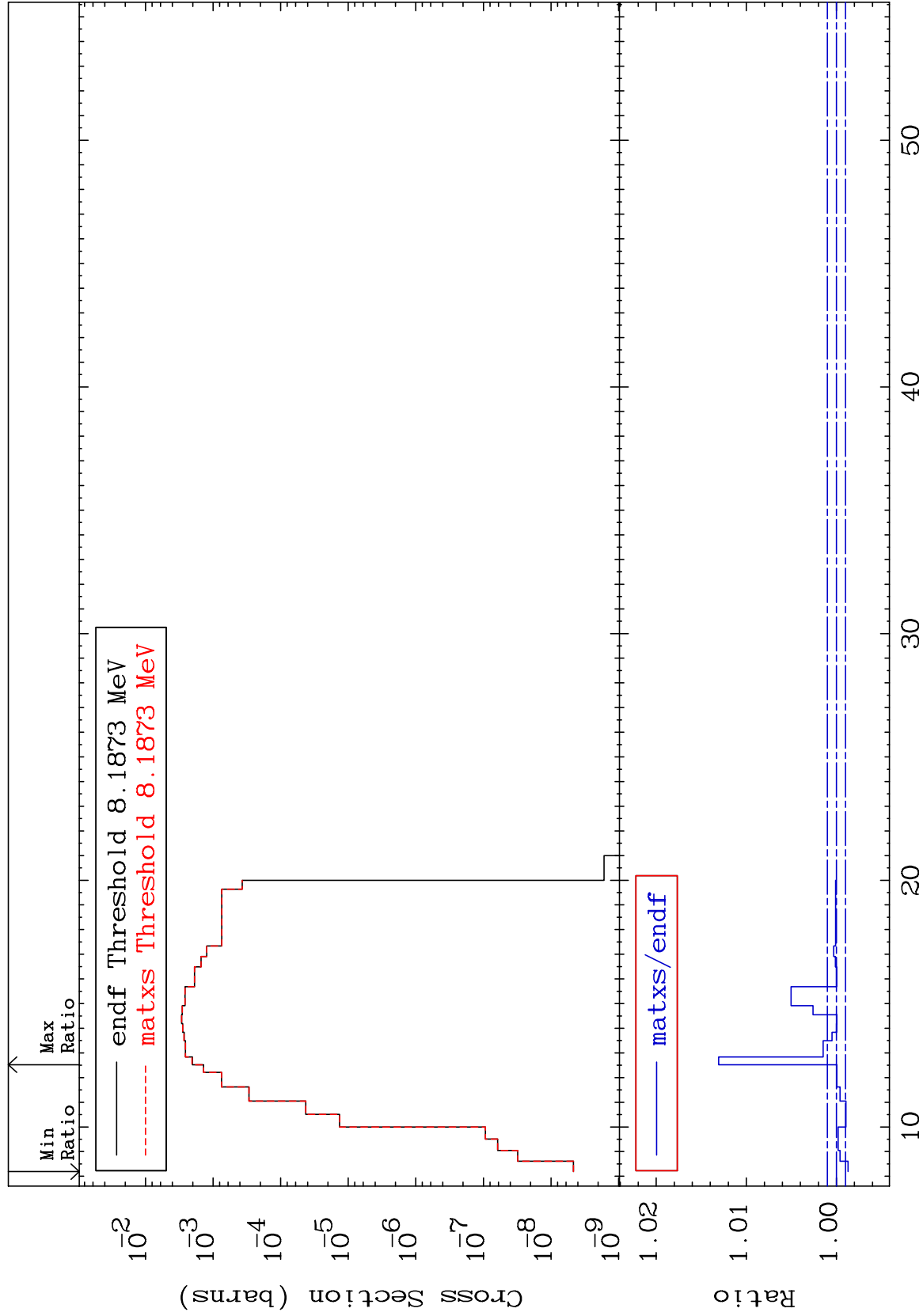
Incident Energy (MeV)

14-Si-30

MAT 1431

3.884 MeV (n, α') Level
Cross Section

14-Si-30
-0.129 To 1.307 %



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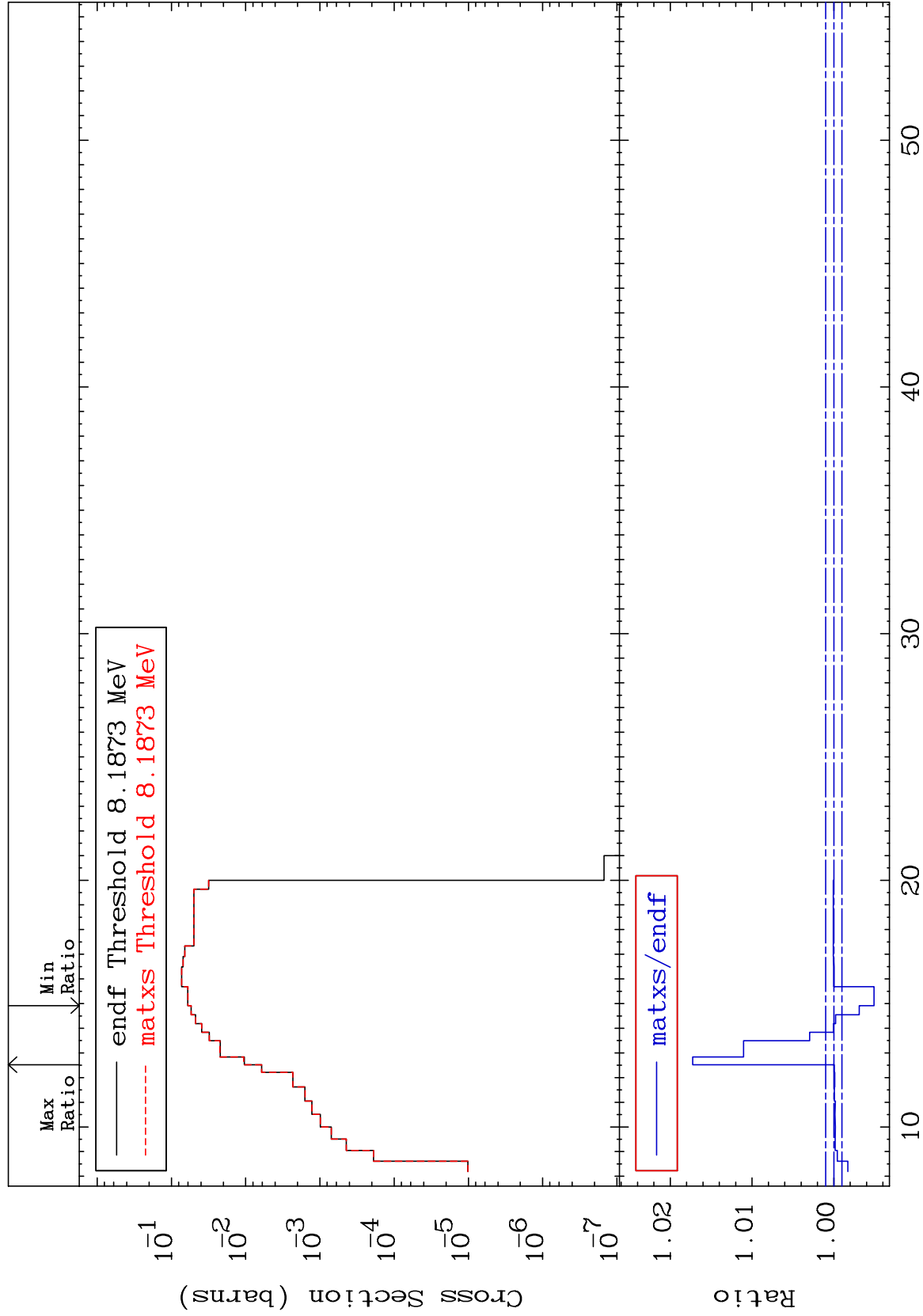
Incident Energy (MeV)

14-Si-30

MAT 1431

4.000 MeV (n,α') Level
Cross Section

14-Si-30
-0.492 To 1.725 %



36

14-Si-30