

Program Complot
(Version 2015-2)

by

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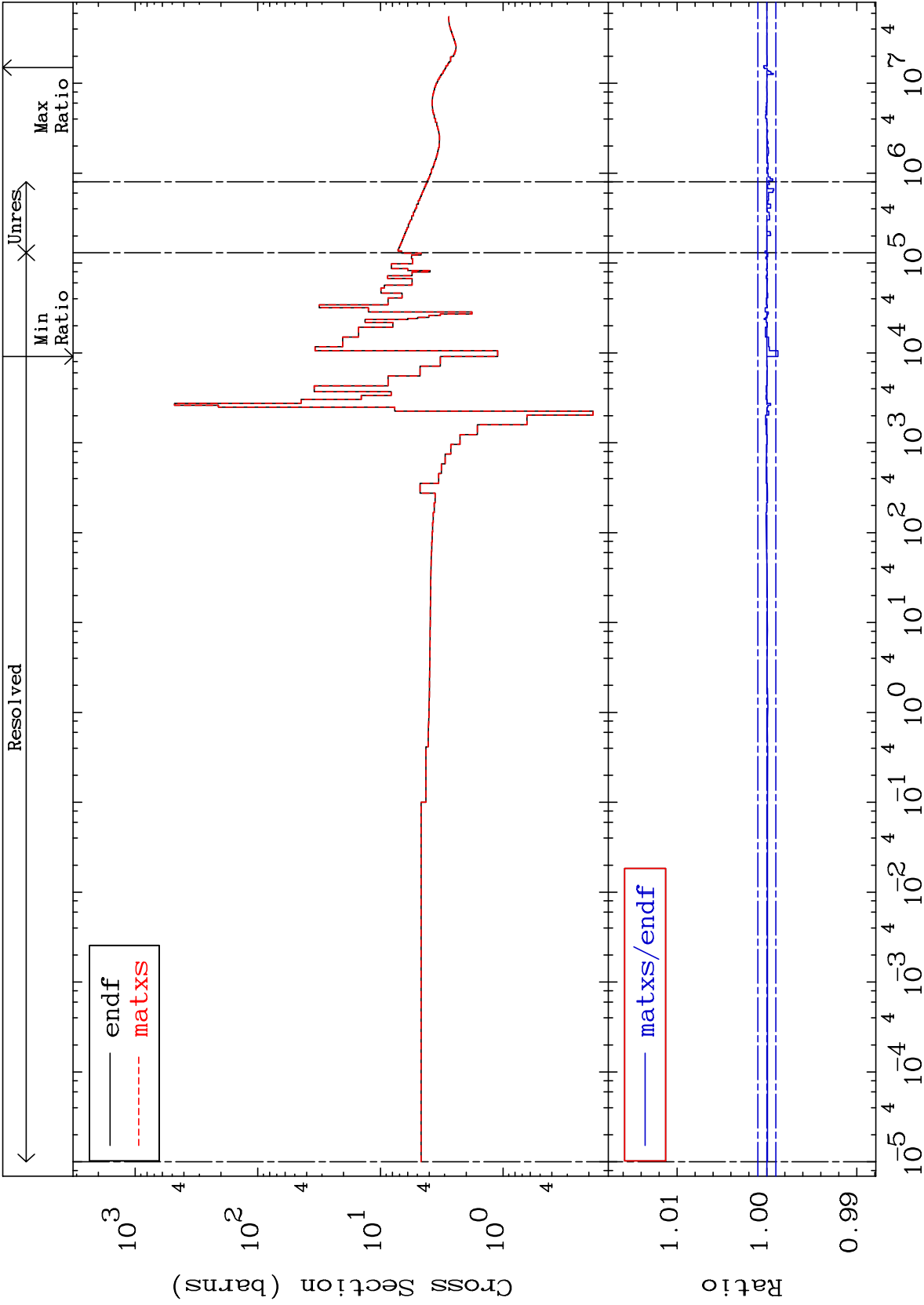
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3025

Total
Cross Section

30-Zn-64
-0.122 To 0.036 %

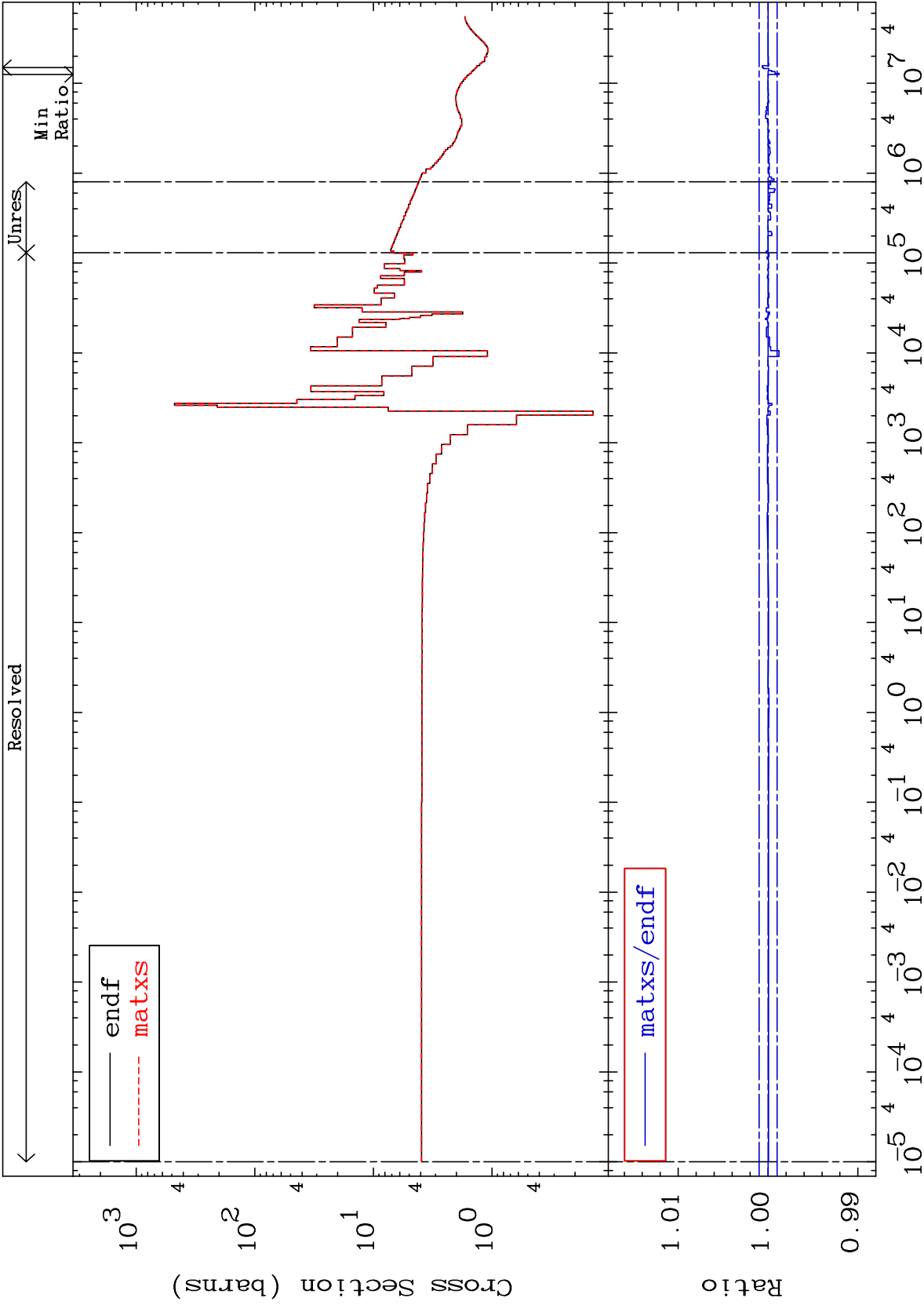


30-Zn-64

MAT 3025

Elastic
Cross Section

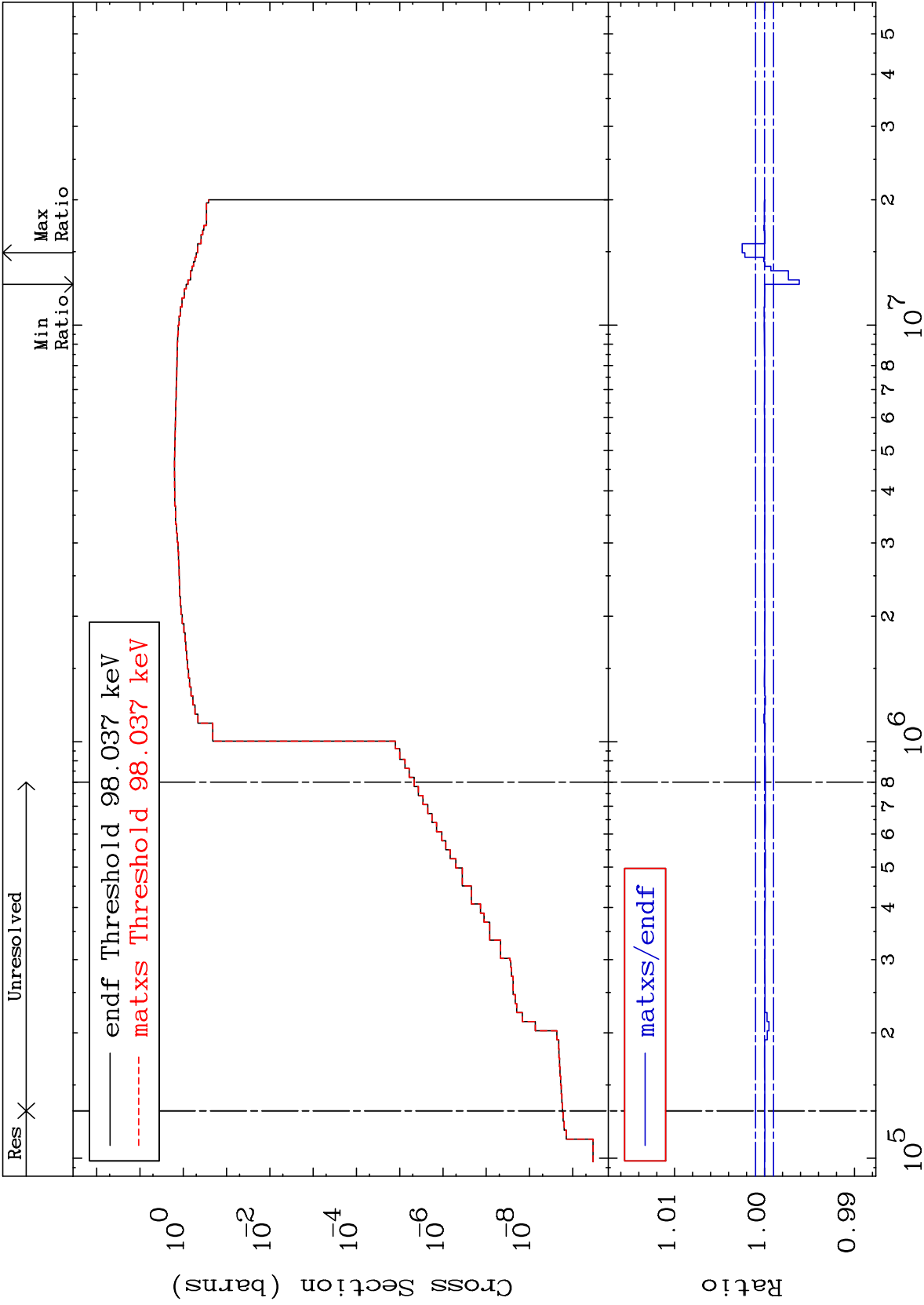
30-Zn-64
-0.124 To 0.065 %



MAT 3025

Inelastic
Cross Section

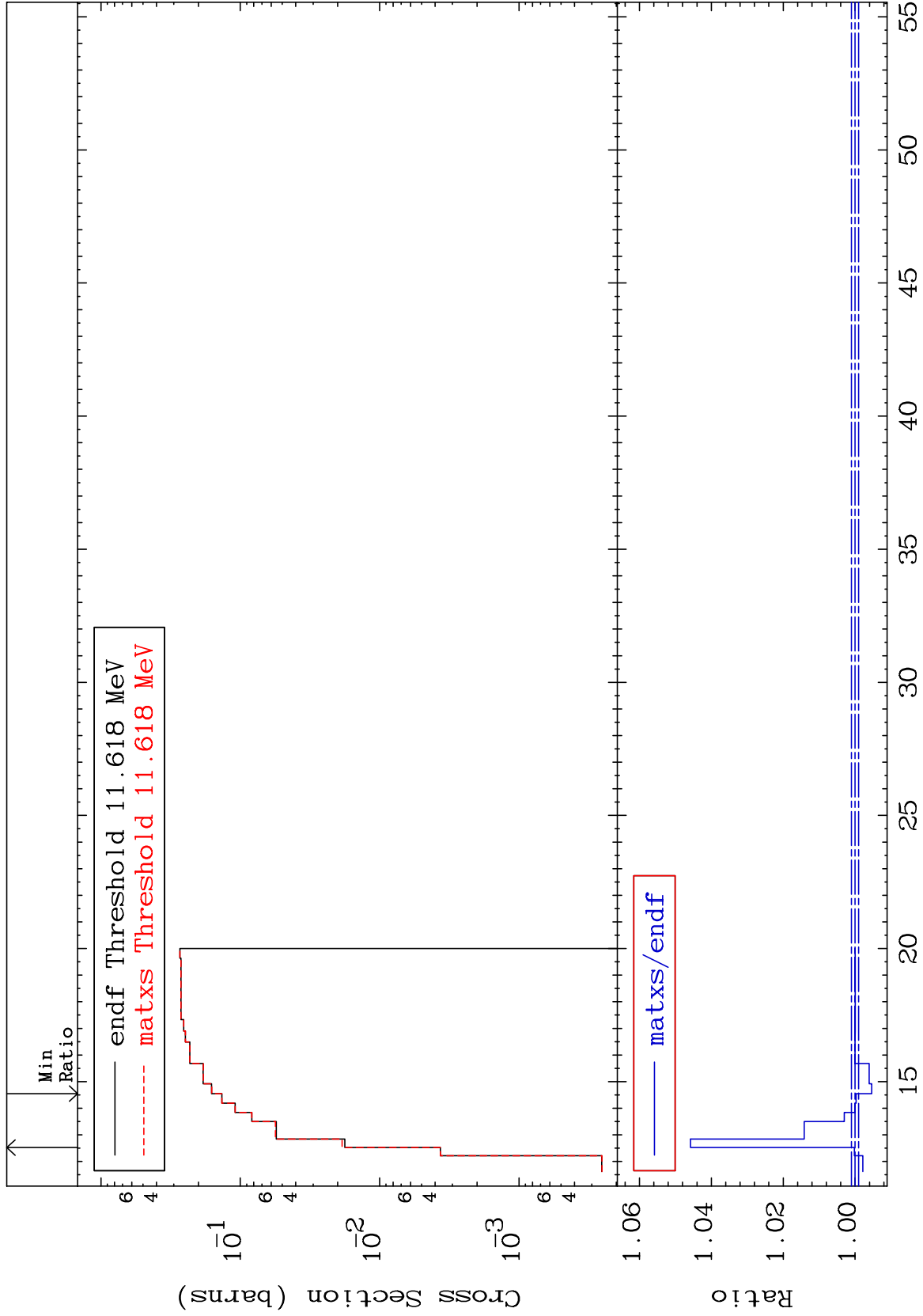
30-Zn-64
-0.385 To 0.248 %



MAT 3025

(n,2n)
Cross Section

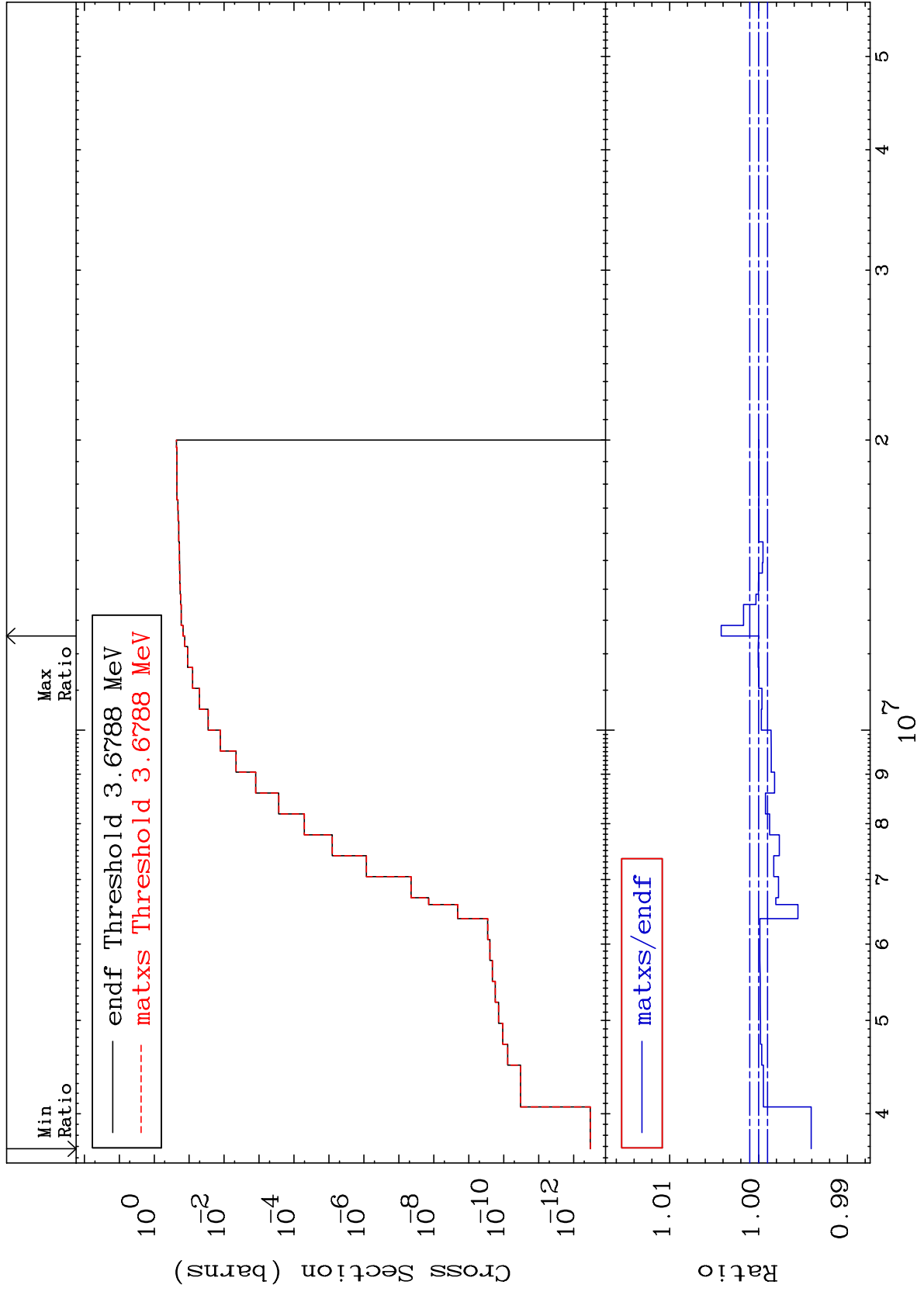
30-Zn-64
-0.461 To 4.578 %



MAT 3025

30-Zn-64
-0.592 To 0.420 %

(n, n') α
Cross Section



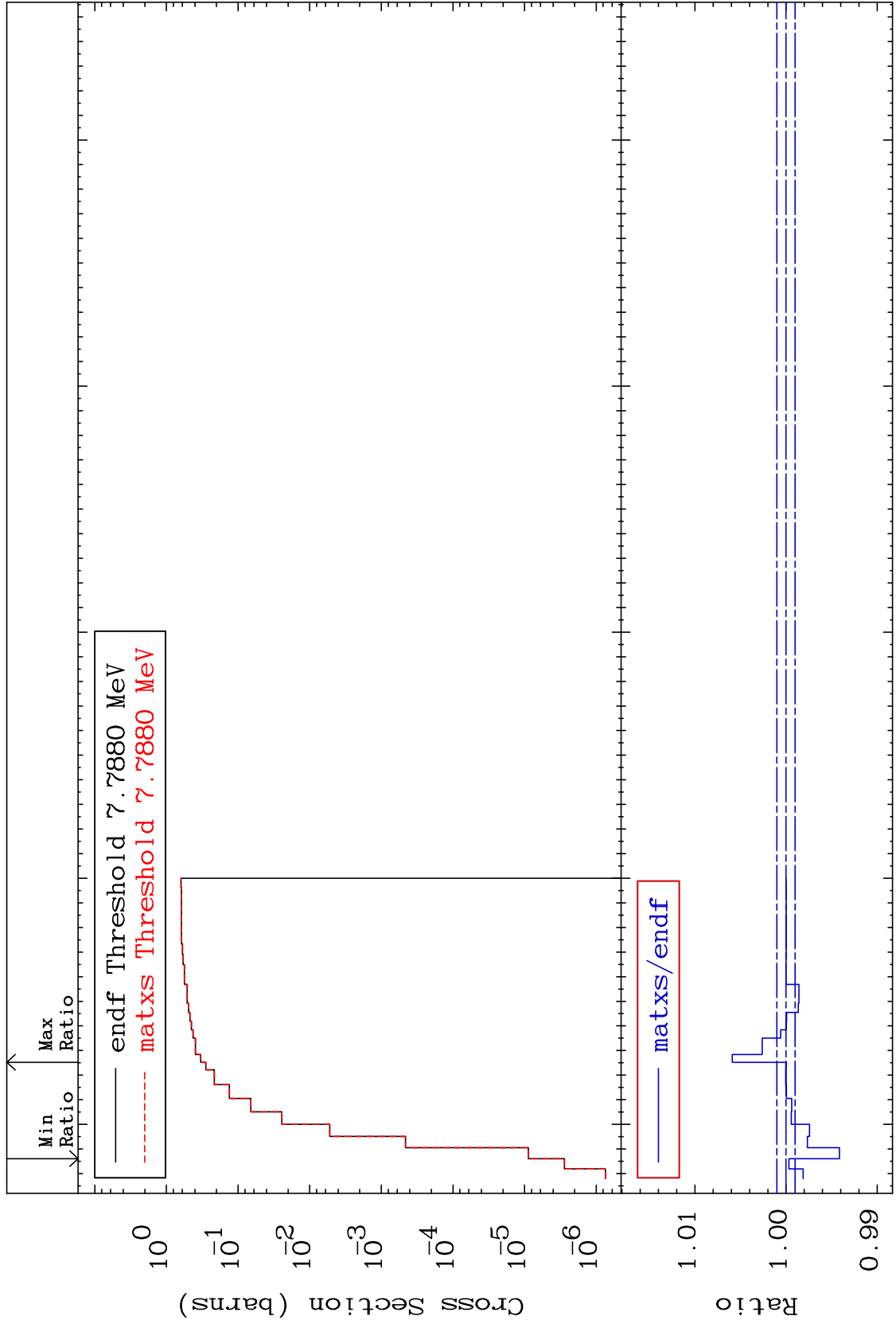
5

30-Zn-64

MAT 3025

(n, n') p
Cross Section

30-Zn-64
-0.586 To 0.590 %



6

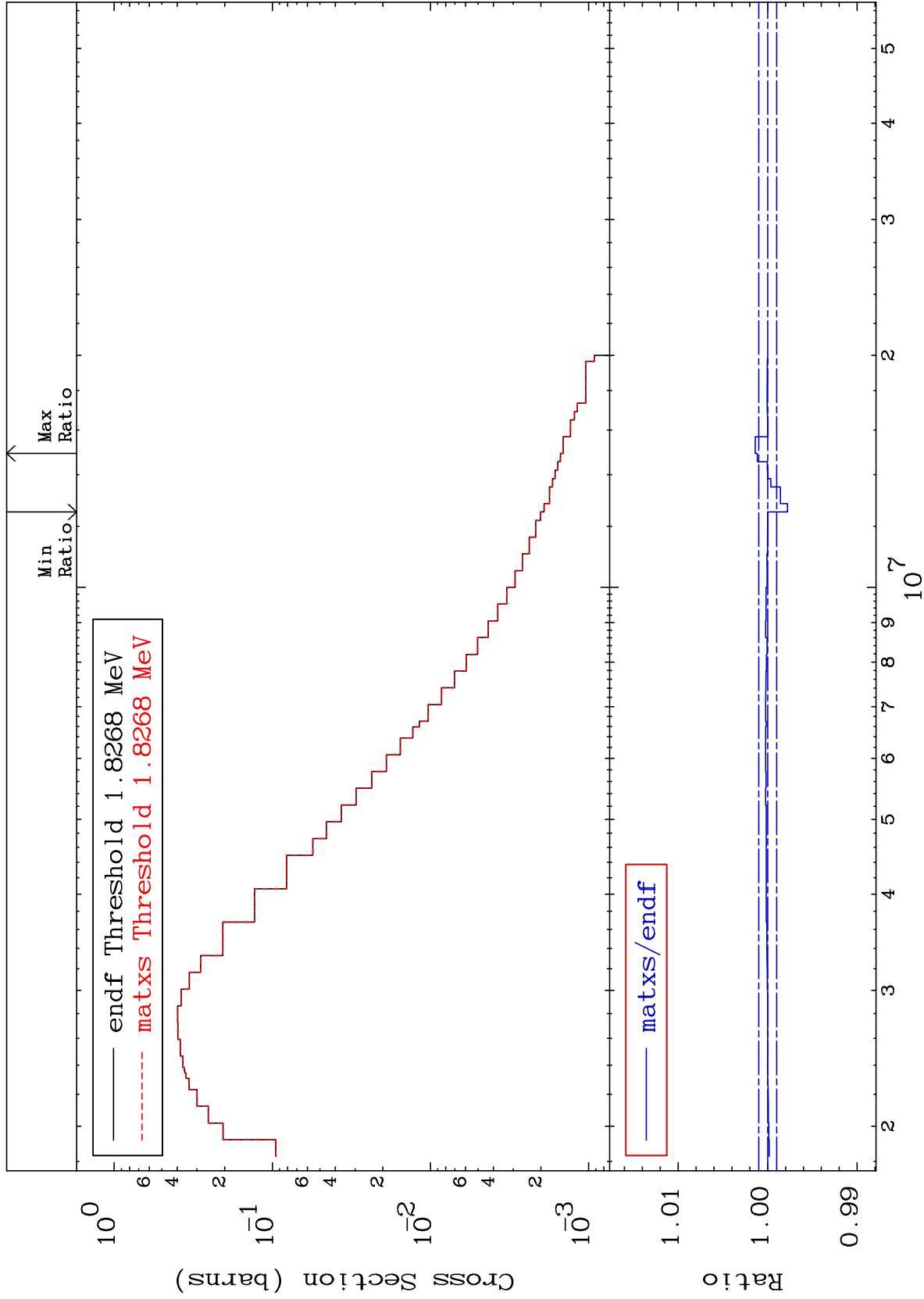
Incident Energy (MeV)

30-Zn-64

MAT 3025

1.799 MeV (n,n') Level
Cross Section

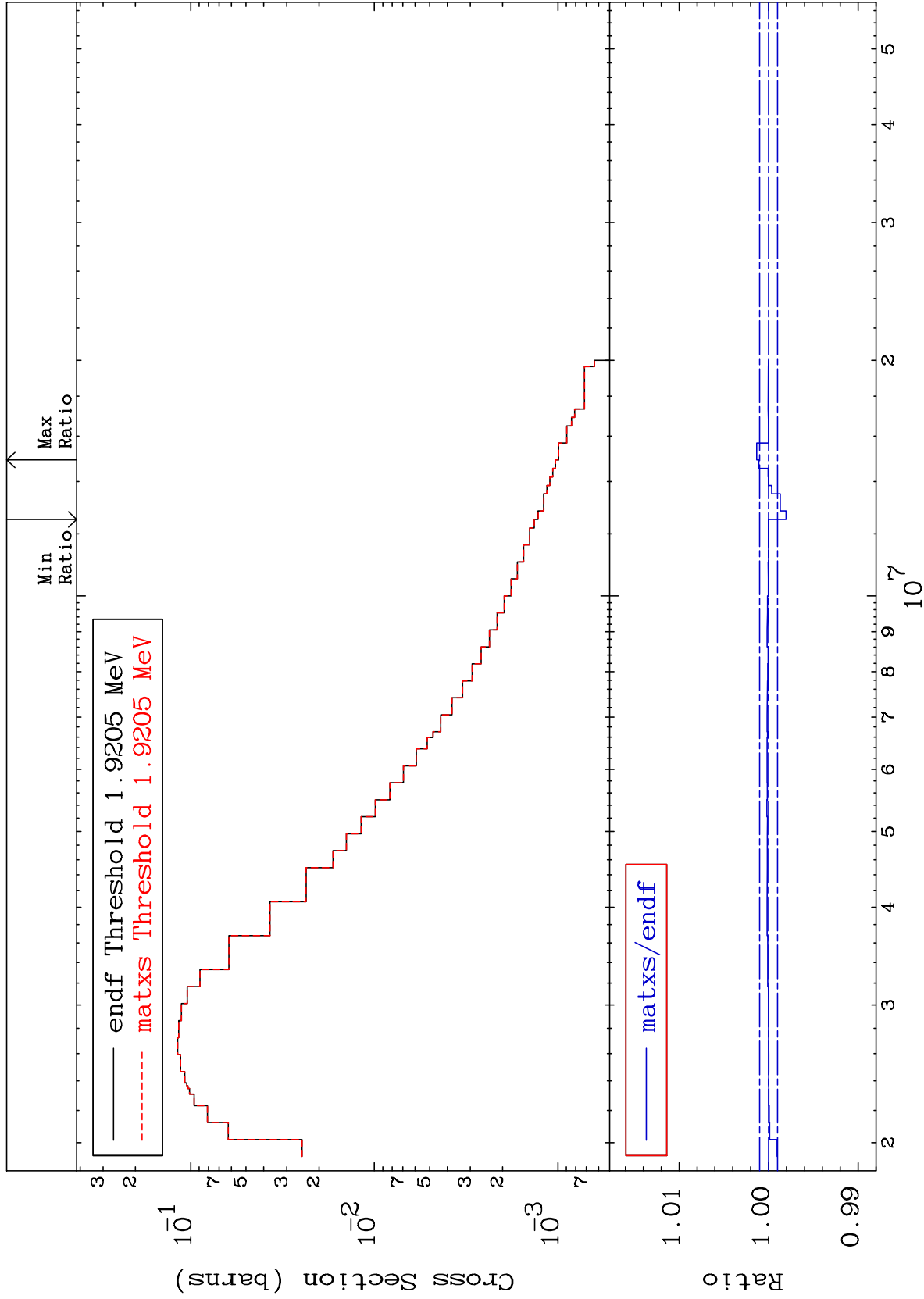
30-Zn-64
-0.221 To 0.138 %



MAT 3025

1.910 MeV (n,n') Level
Cross Section

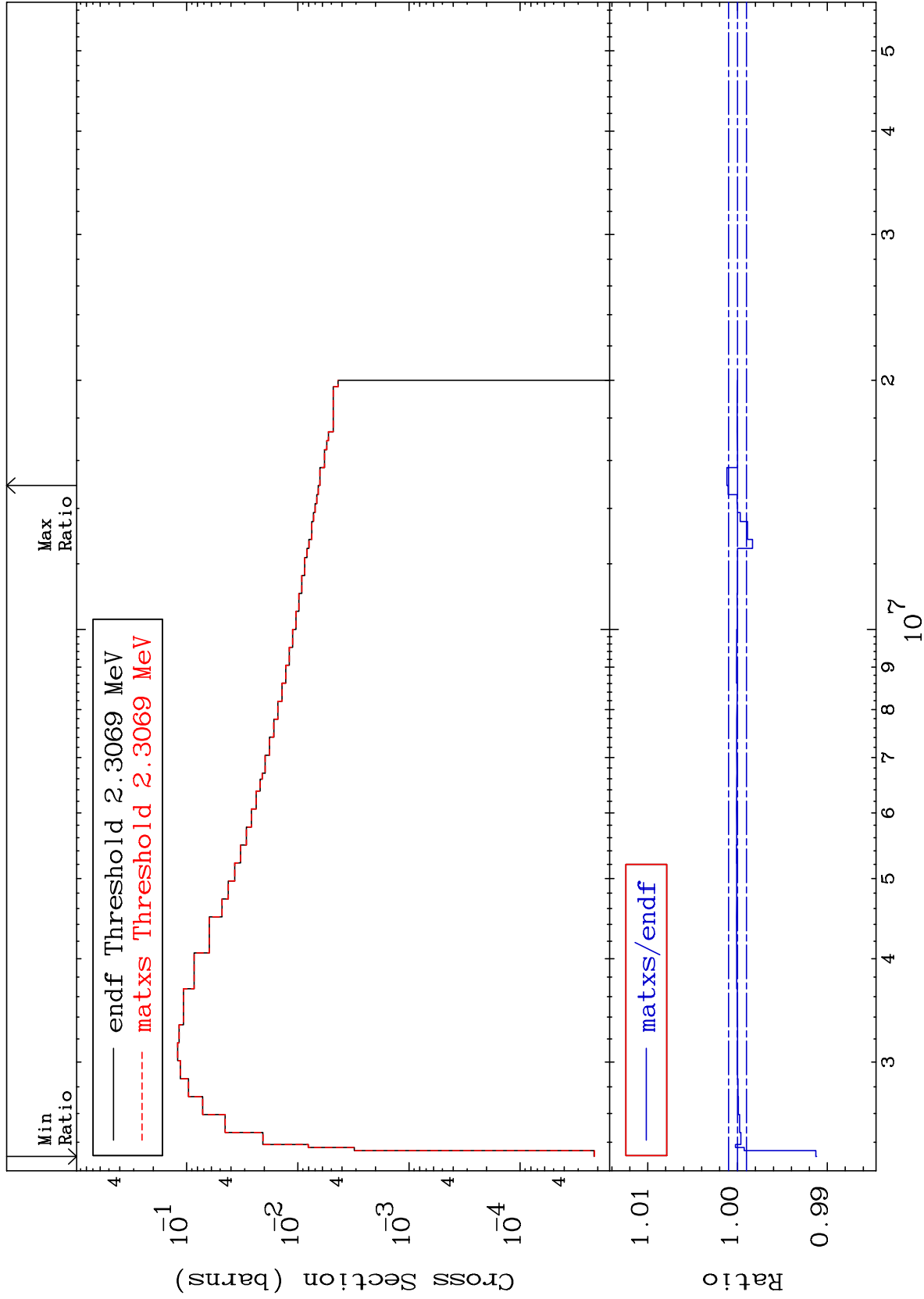
30-Zn-64
-0.196 To 0.133 %



MAT 3025

2.307 MeV (n,n') Level
Cross Section

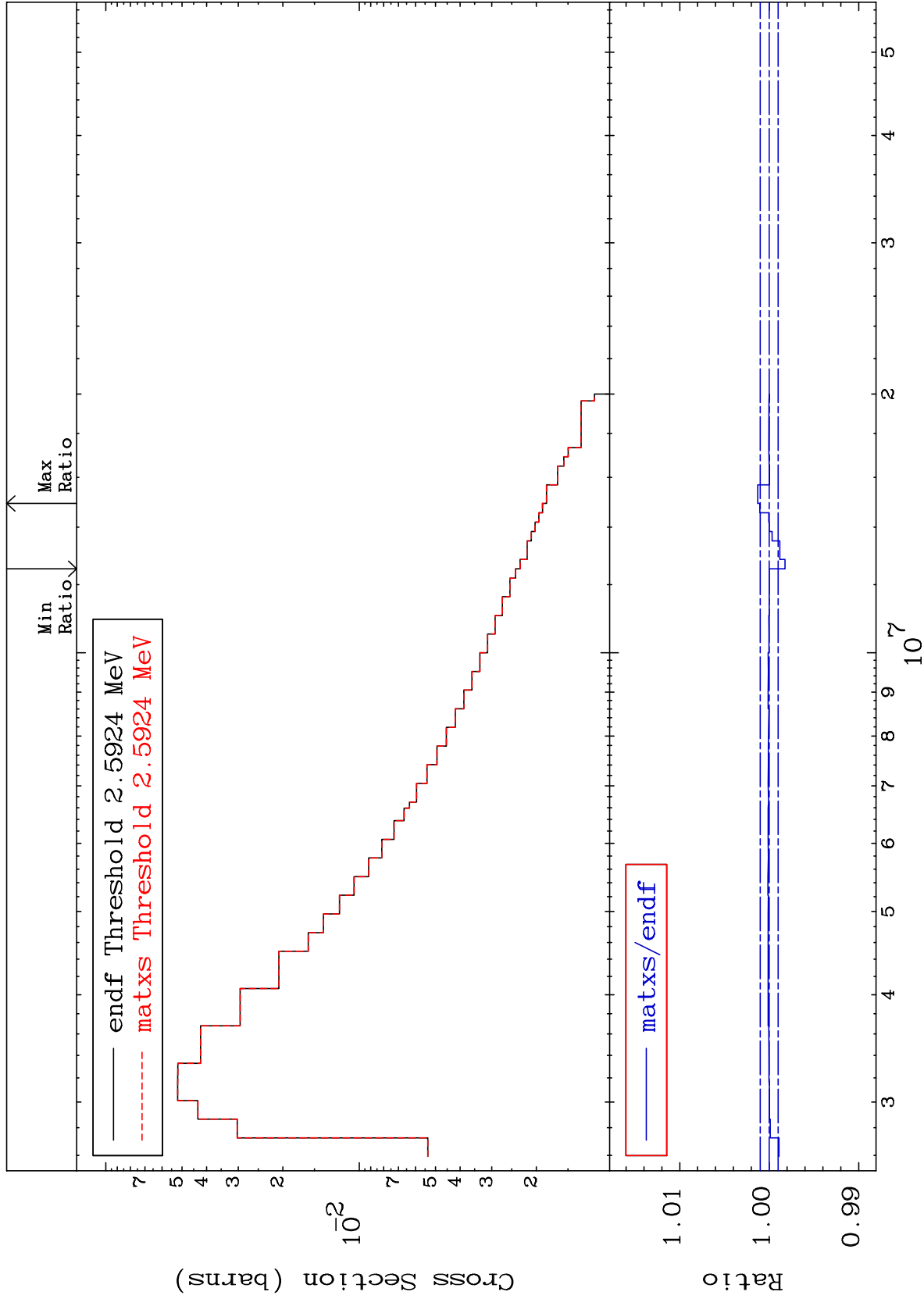
30-Zn-64
-0.872 To 0.119 %



MAT 3025

2.609 MeV (n,n') Level
Cross Section

30-Zn-64
-0.178 To 0.129 %



10

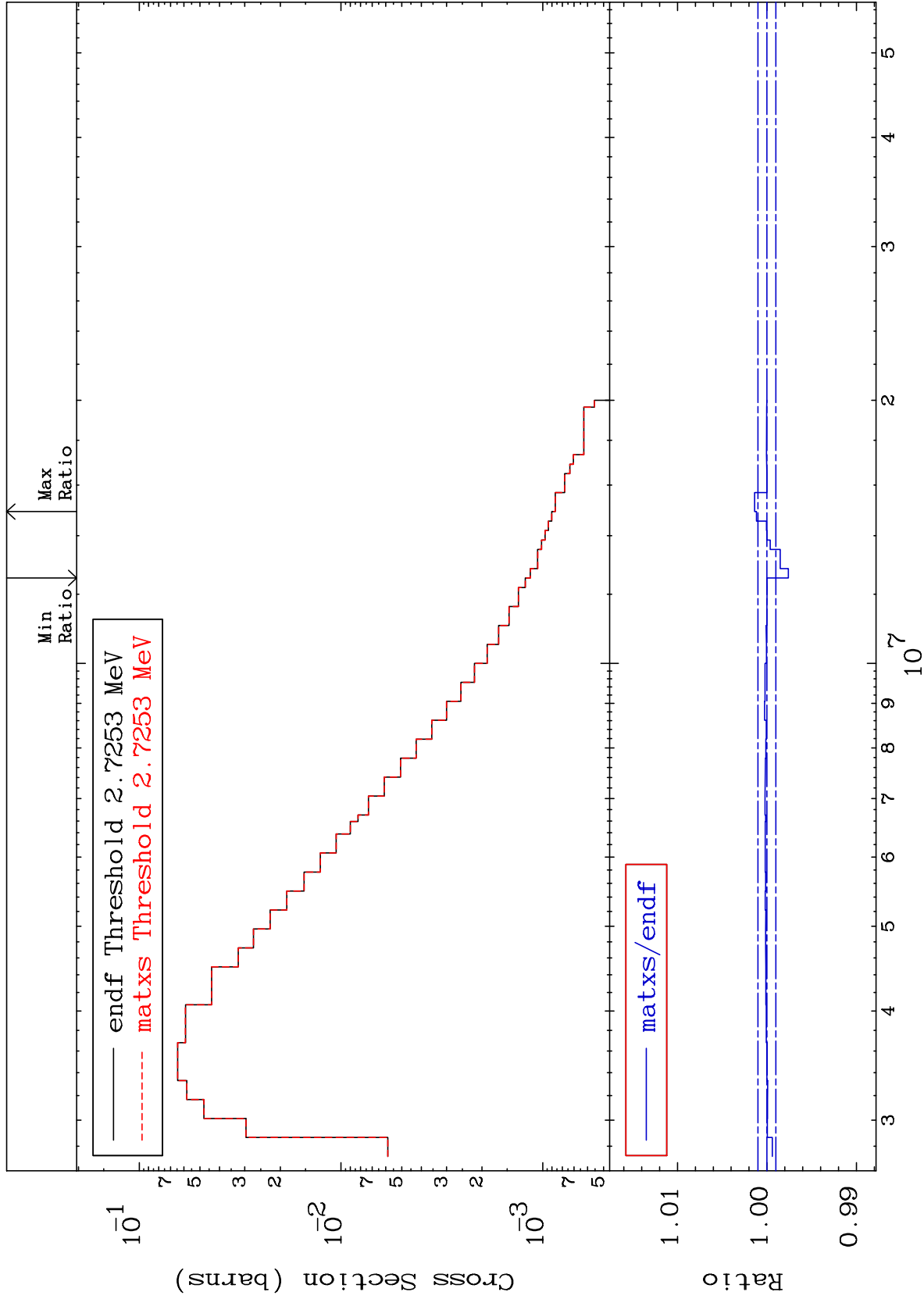
Incident Energy (eV)

30-Zn-64

MAT 3025

2.737 MeV (n,n') Level
Cross Section

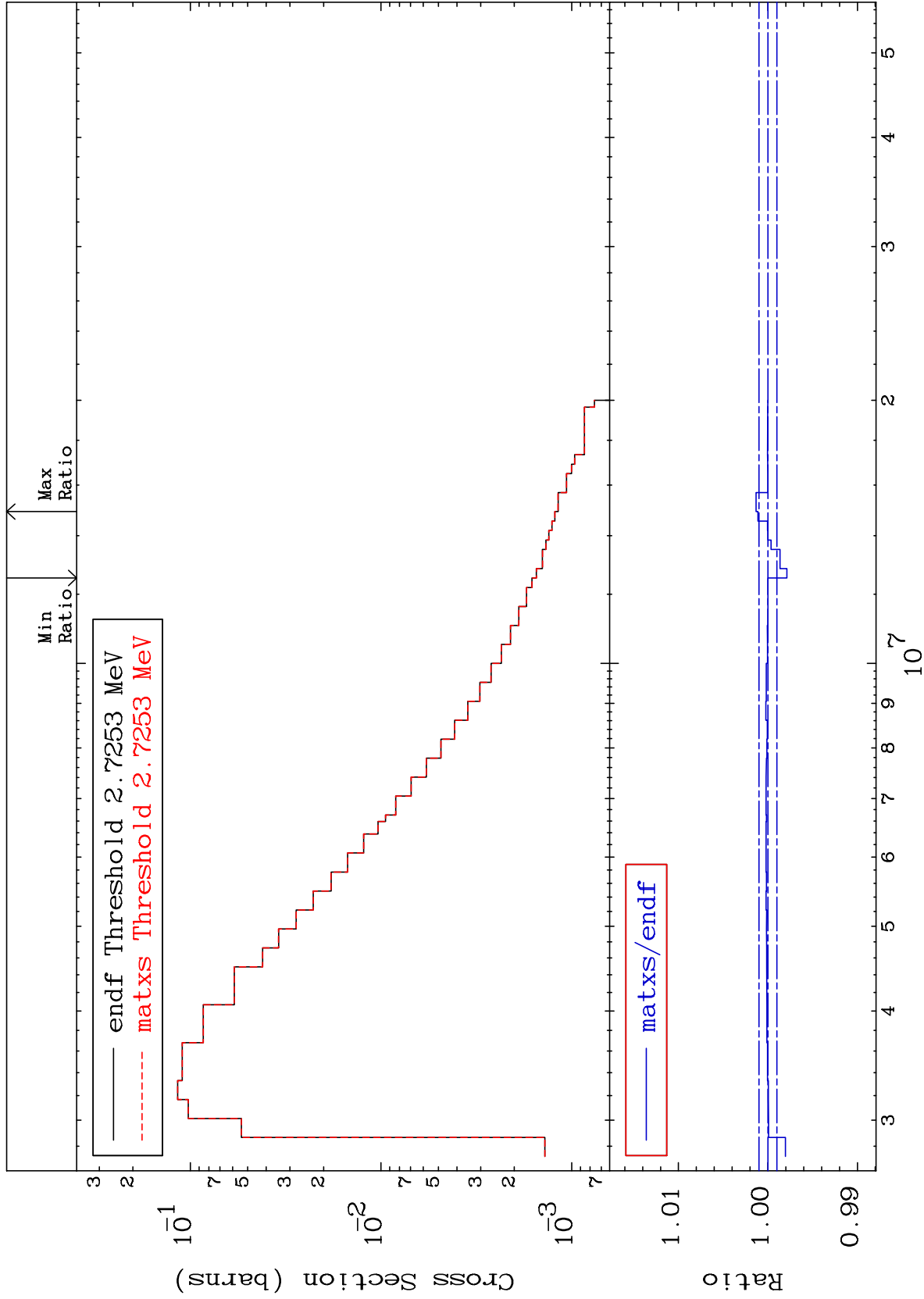
30-Zn-64
-0.238 To 0.139 %



MAT 3025

2.794 MeV (n,n') Level
Cross Section

30-Zn-64
-0.211 To 0.133 %



12

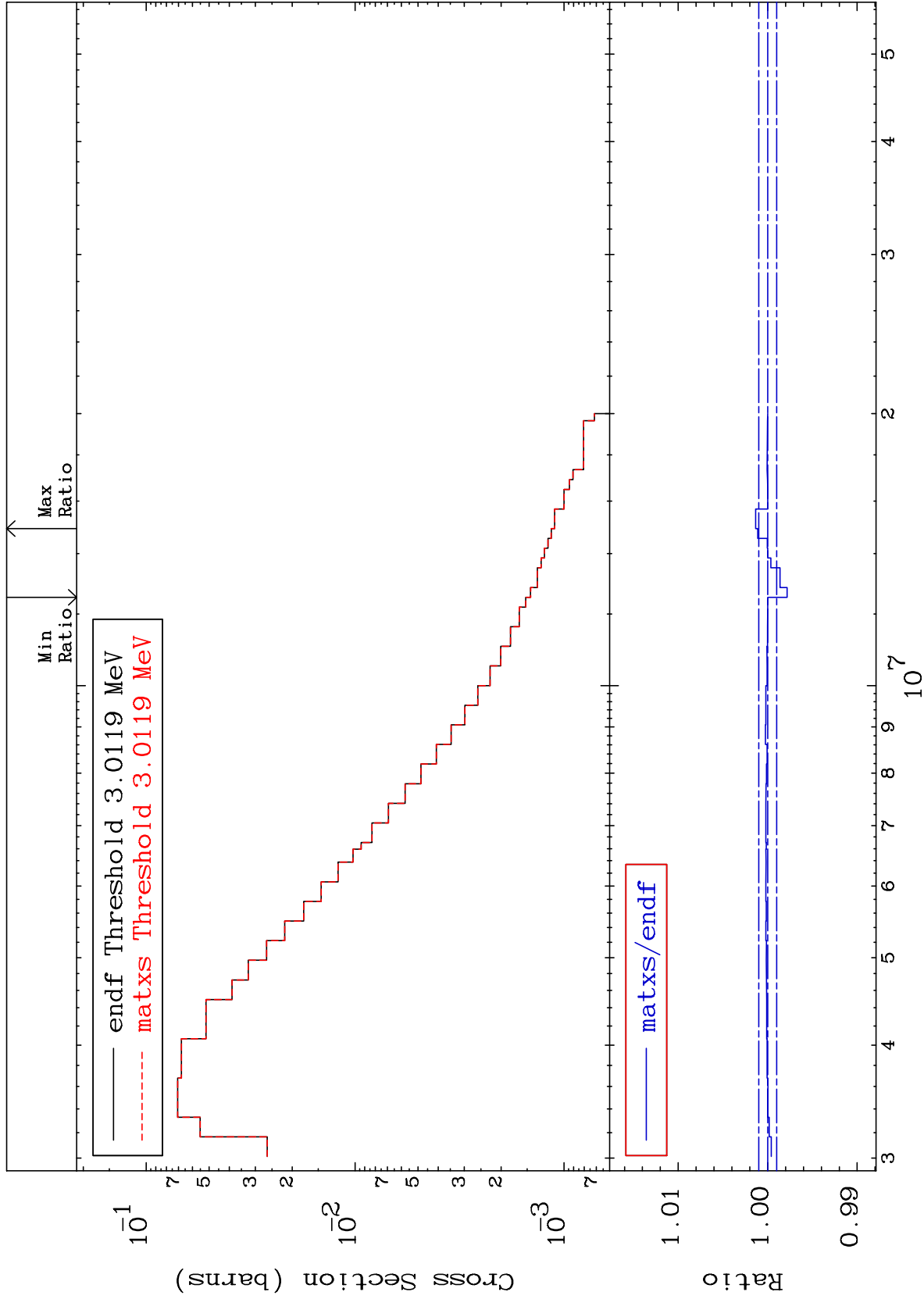
Incident Energy (eV)

30-Zn-64

MAT 3025

2.980 MeV (n,n') Level
Cross Section

30-Zn-64
-0.217 To 0.135 %



13

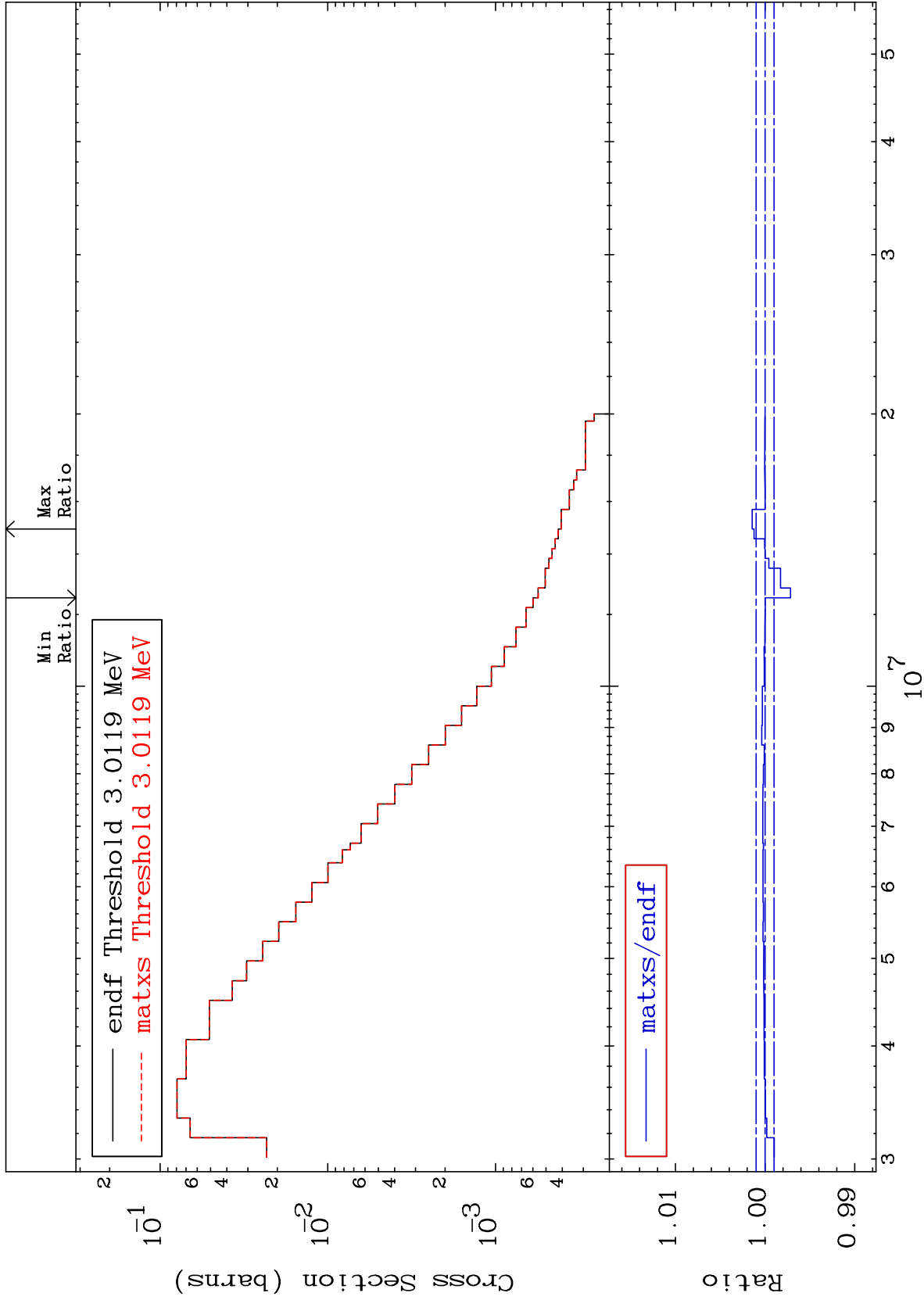
Incident Energy (eV)

30-Zn-64

MAT 3025

3.006 MeV (n,n') Level
Cross Section

30-Zn-64
-0.283 To 0.145 %



14

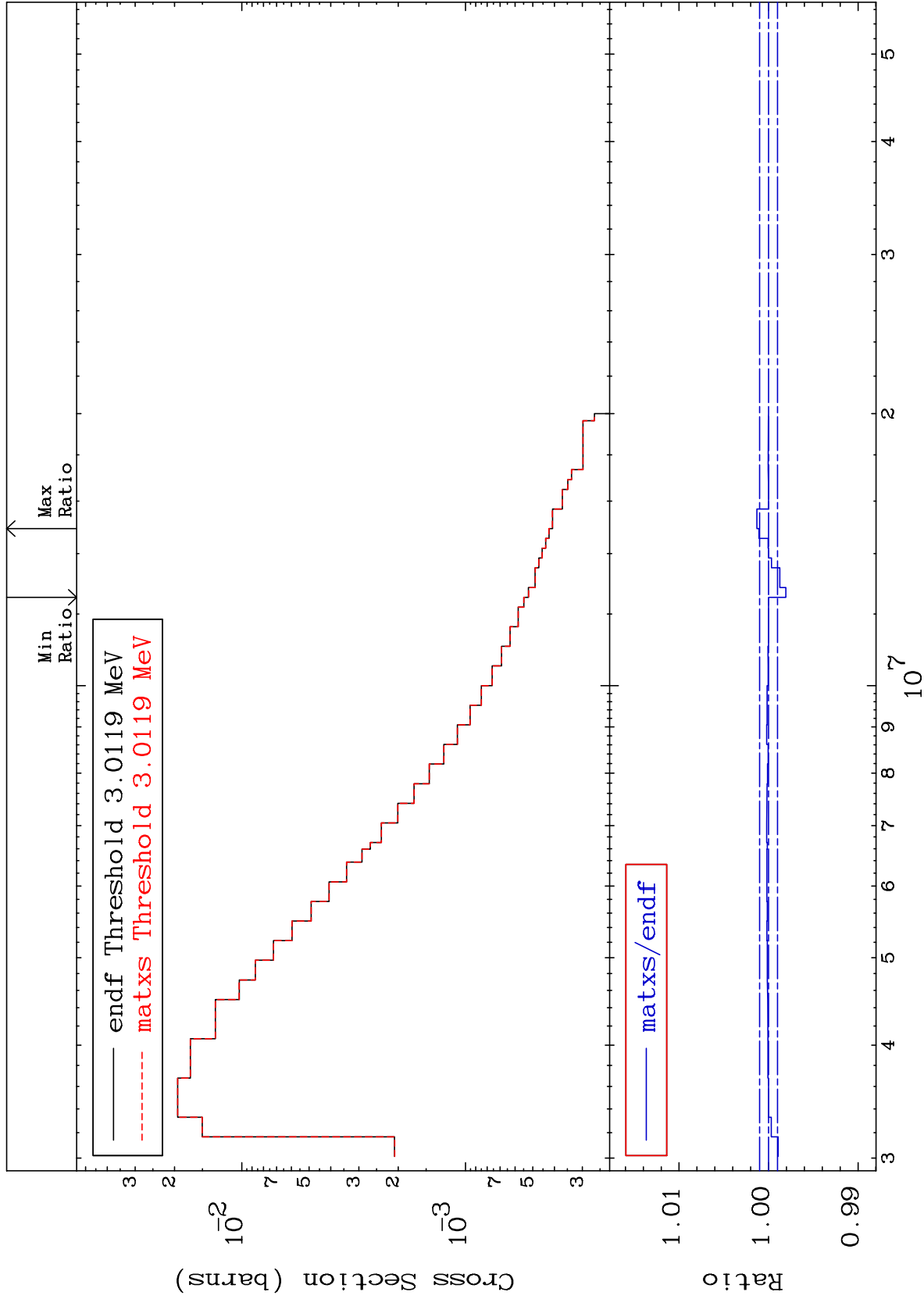
Incident Energy (eV)

30-Zn-64

MAT 3025

3.071 MeV (n,n') Level
Cross Section

30-Zn-64
-0.193 To 0.129 %



15

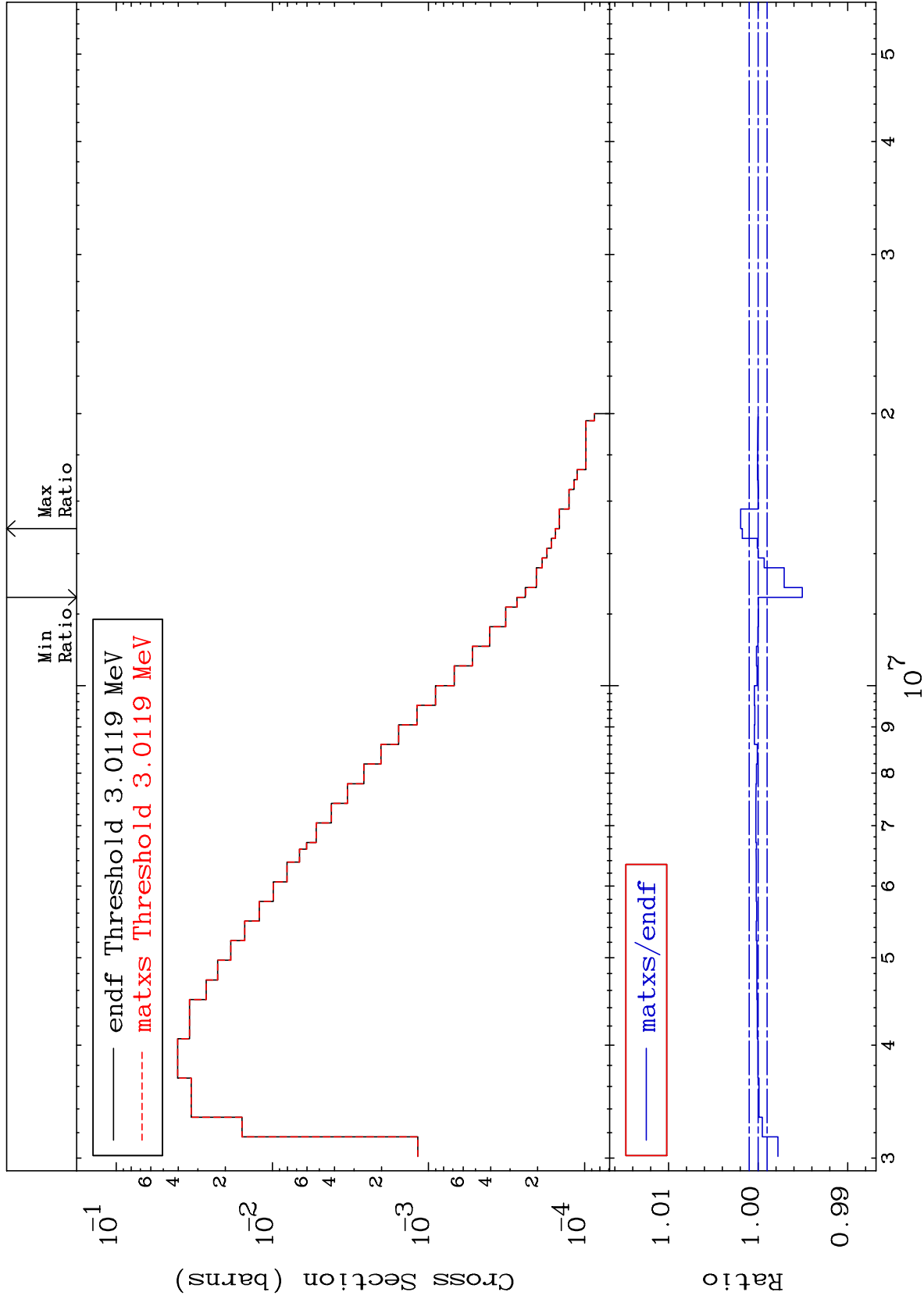
Incident Energy (eV)

30-Zn-64

MAT 3025

3.078 MeV (n,n') Level
Cross Section

30-Zn-64
-0.492 To 0.196 %



16

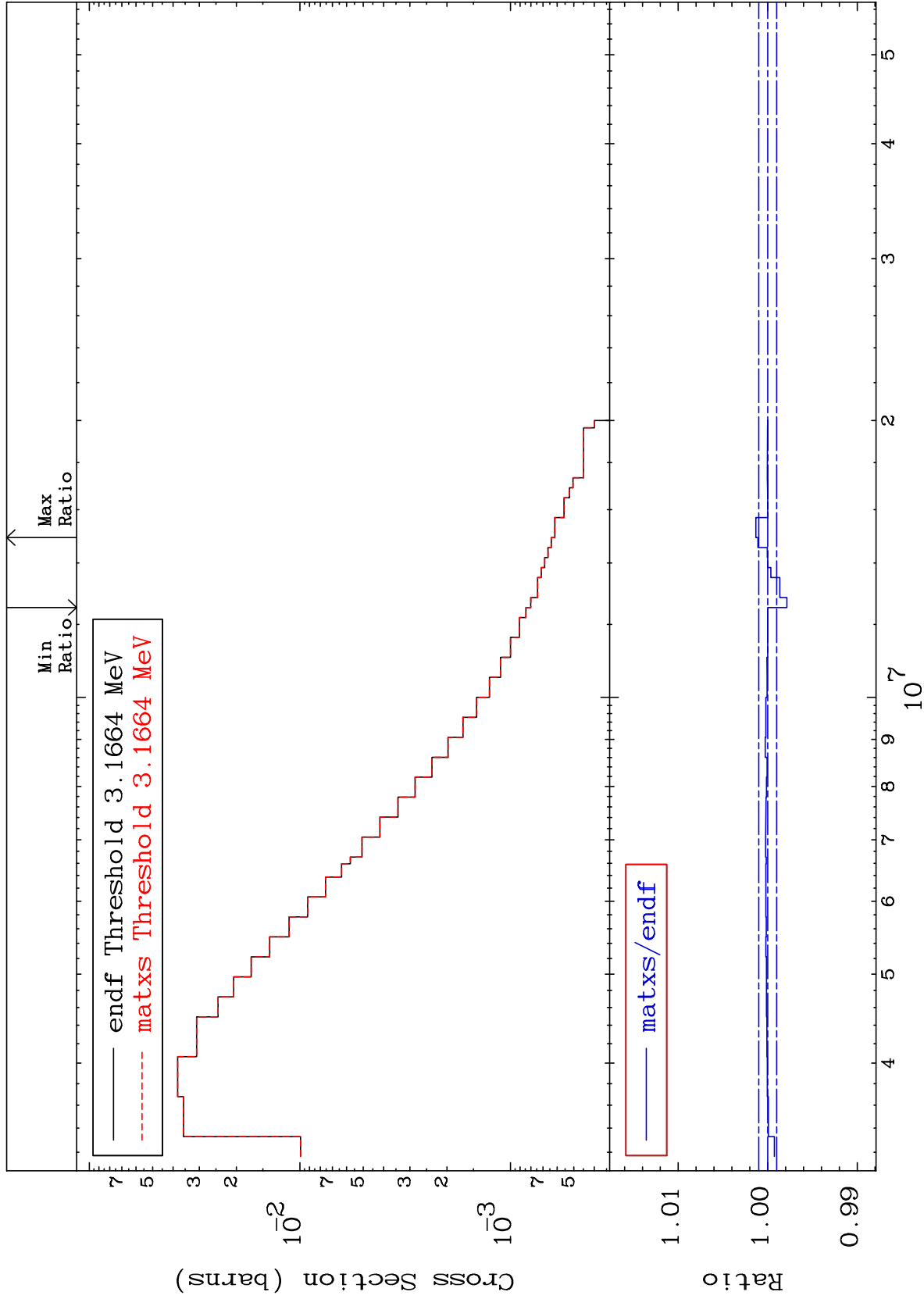
Incident Energy (eV)

30-Zn-64

MAT 3025

3.187 MeV (n,n') Level
Cross Section

30-Zn-64
-0.214 To 0.132 %



18

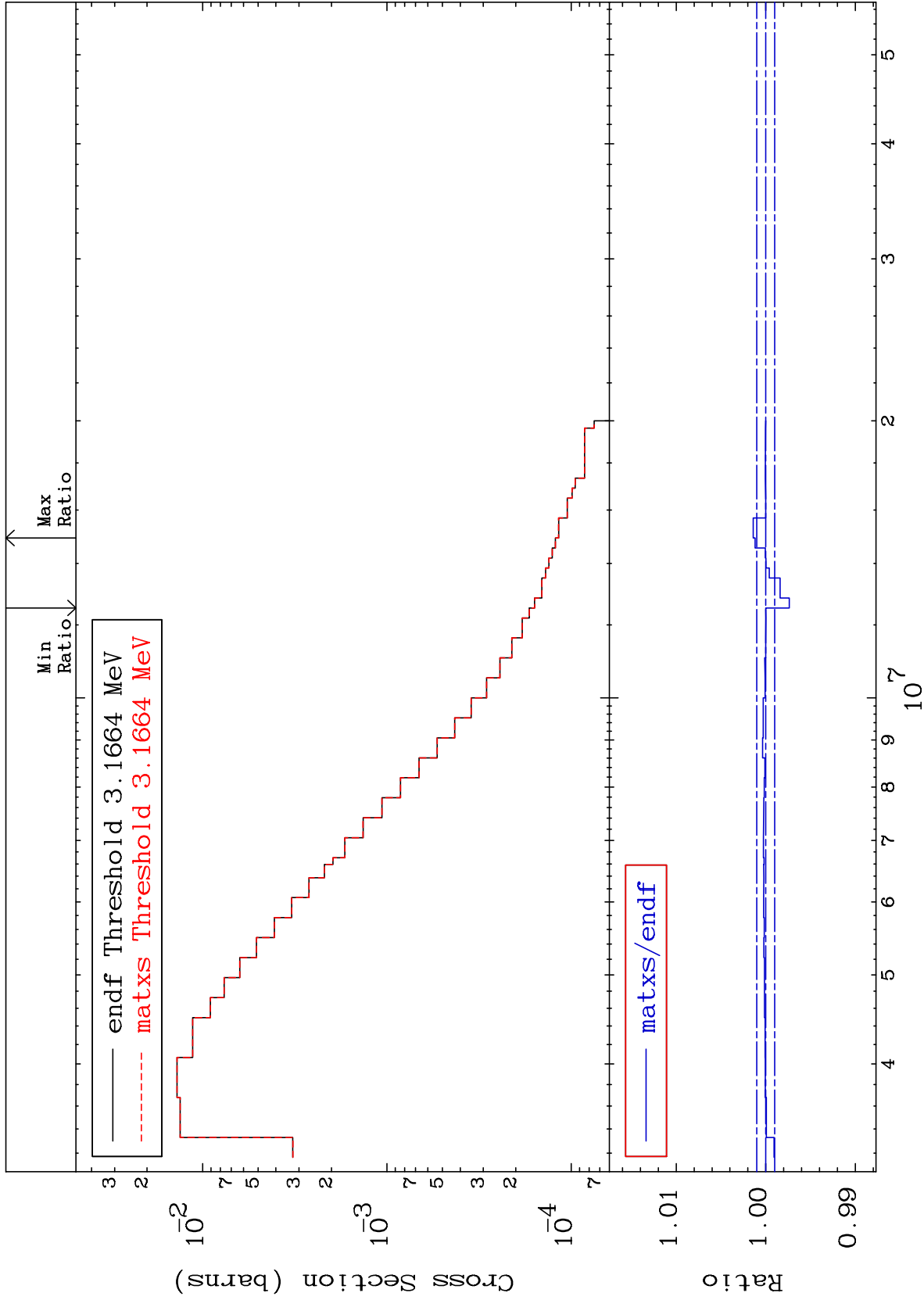
Incident Energy (eV)

30-Zn-64

MAT 3025

3.197 MeV (n,n') Level
Cross Section

30-Zn-64
-0.263 To 0.141 %



19

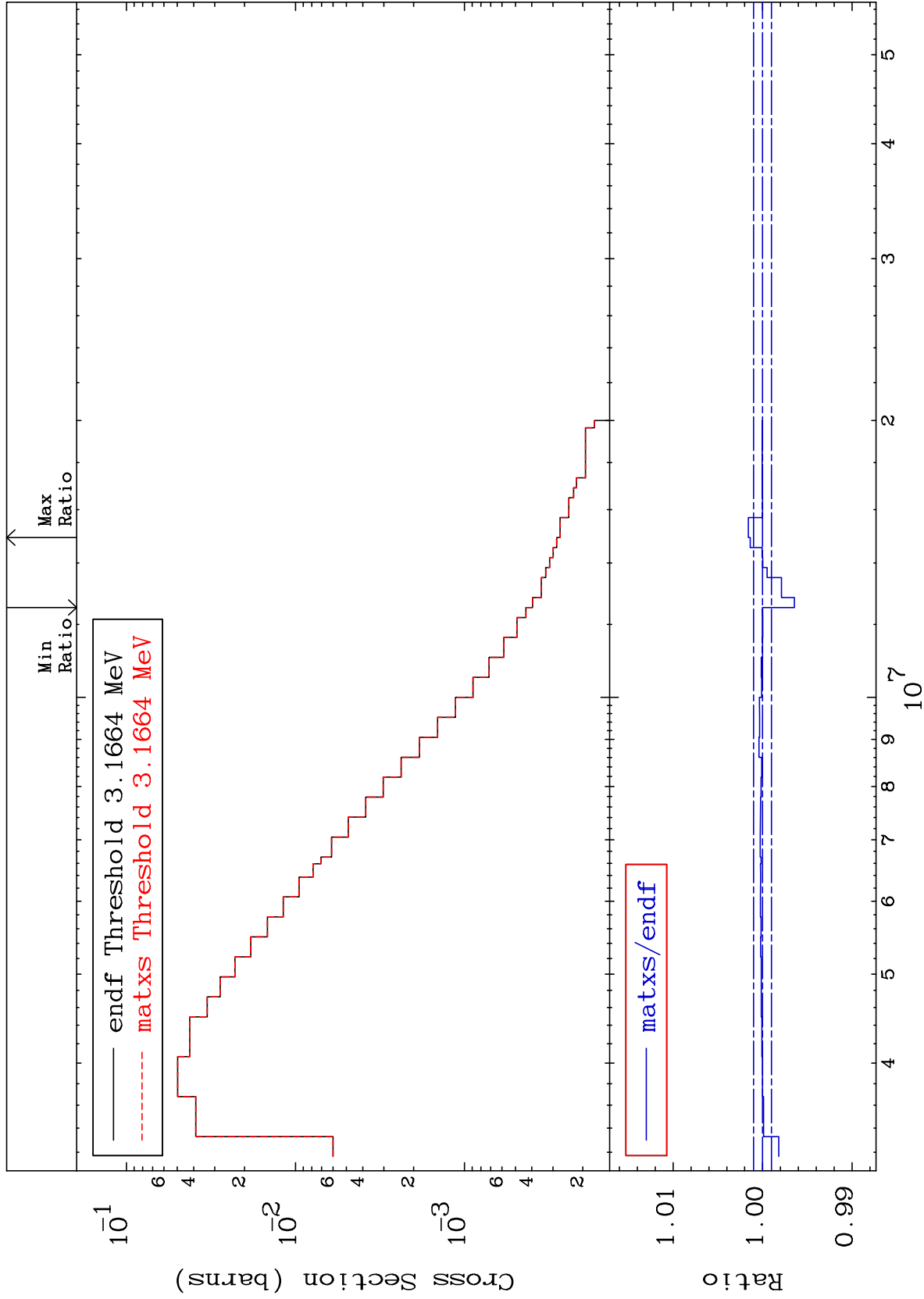
Incident Energy (eV)

30-Zn-64

MAT 3025

3.206 MeV (n,n') Level
Cross Section

30-Zn-64
-0.356 To 0.160 %



20

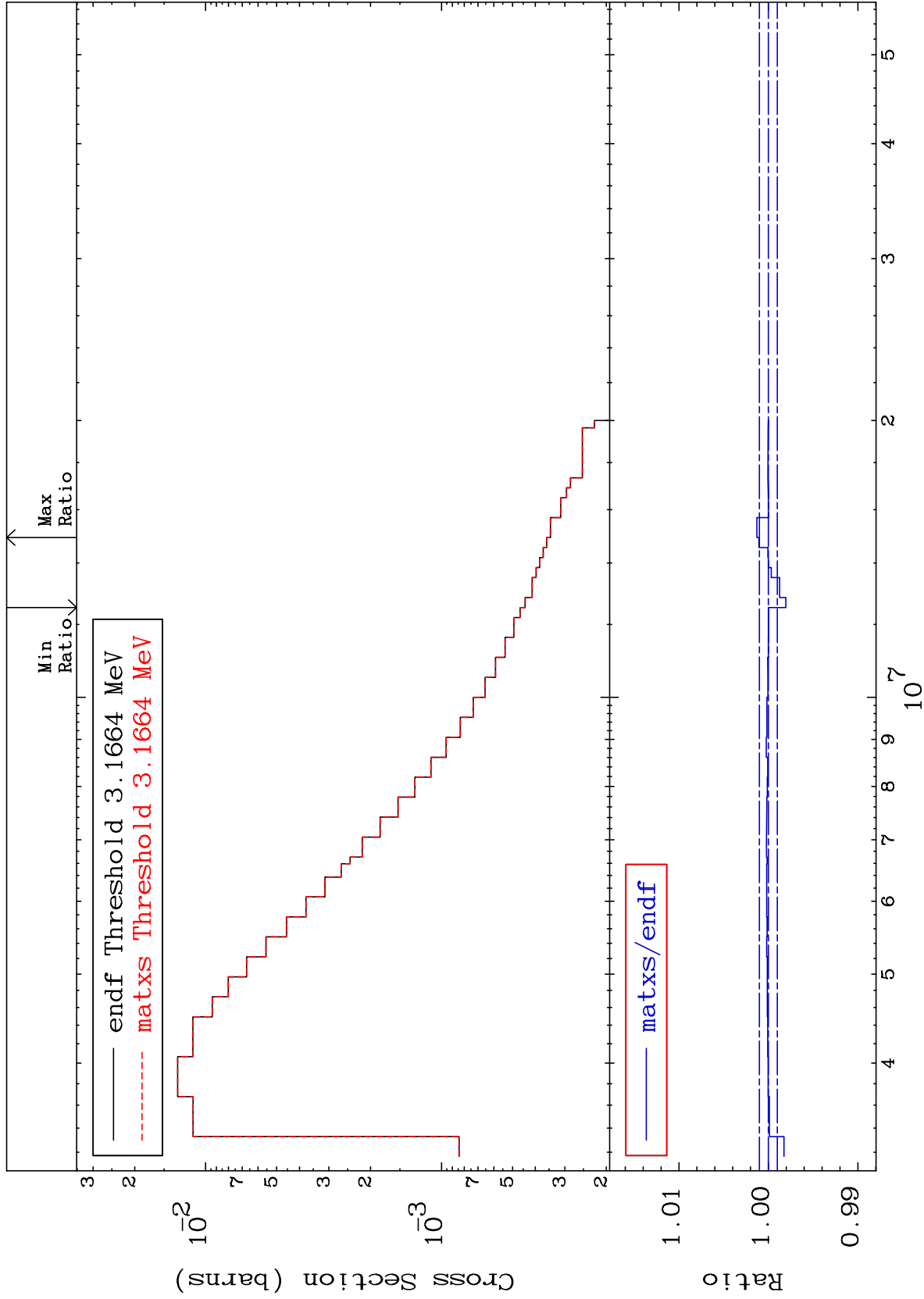
Incident Energy (eV)

30-Zn-64

MAT 3025

3.240 MeV (n,n') Level
Cross Section

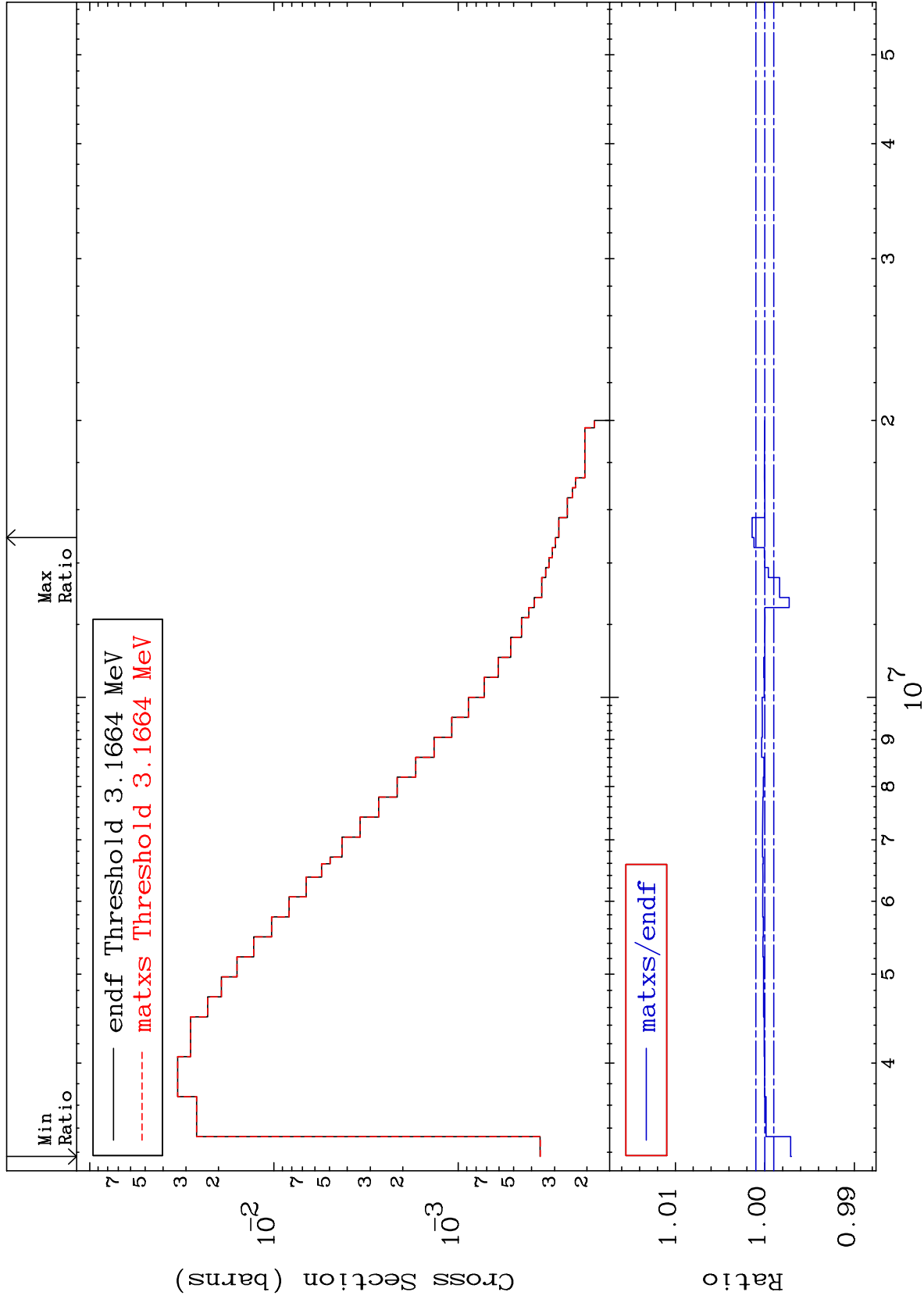
30-Zn-64
-0.195 To 0.129 %



MAT 3025

3.262 MeV (n,n') Level
Cross Section

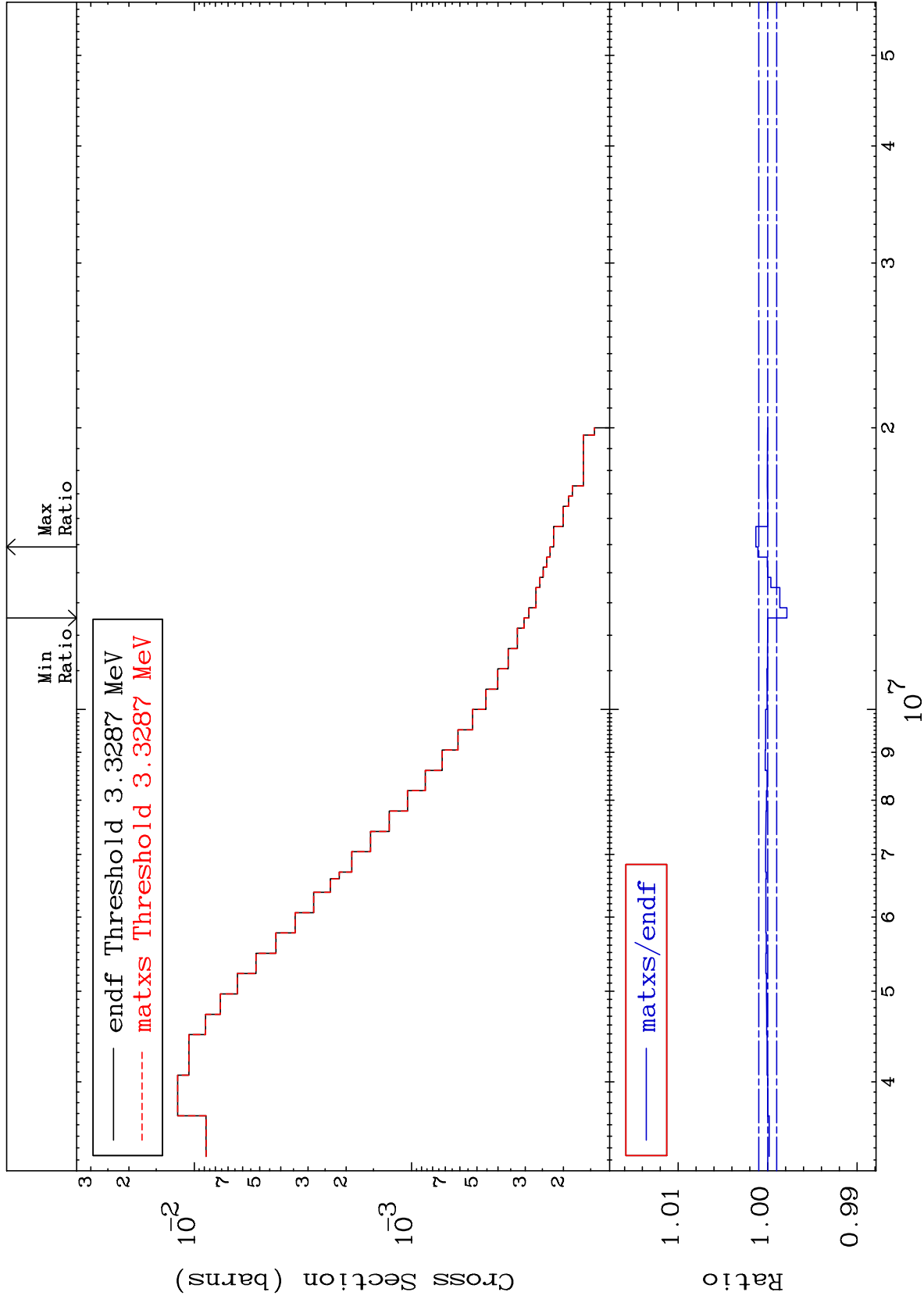
30-Zn-64
-0.288 To 0.142 %



MAT 3025

3.285 MeV (n,n') Level
Cross Section

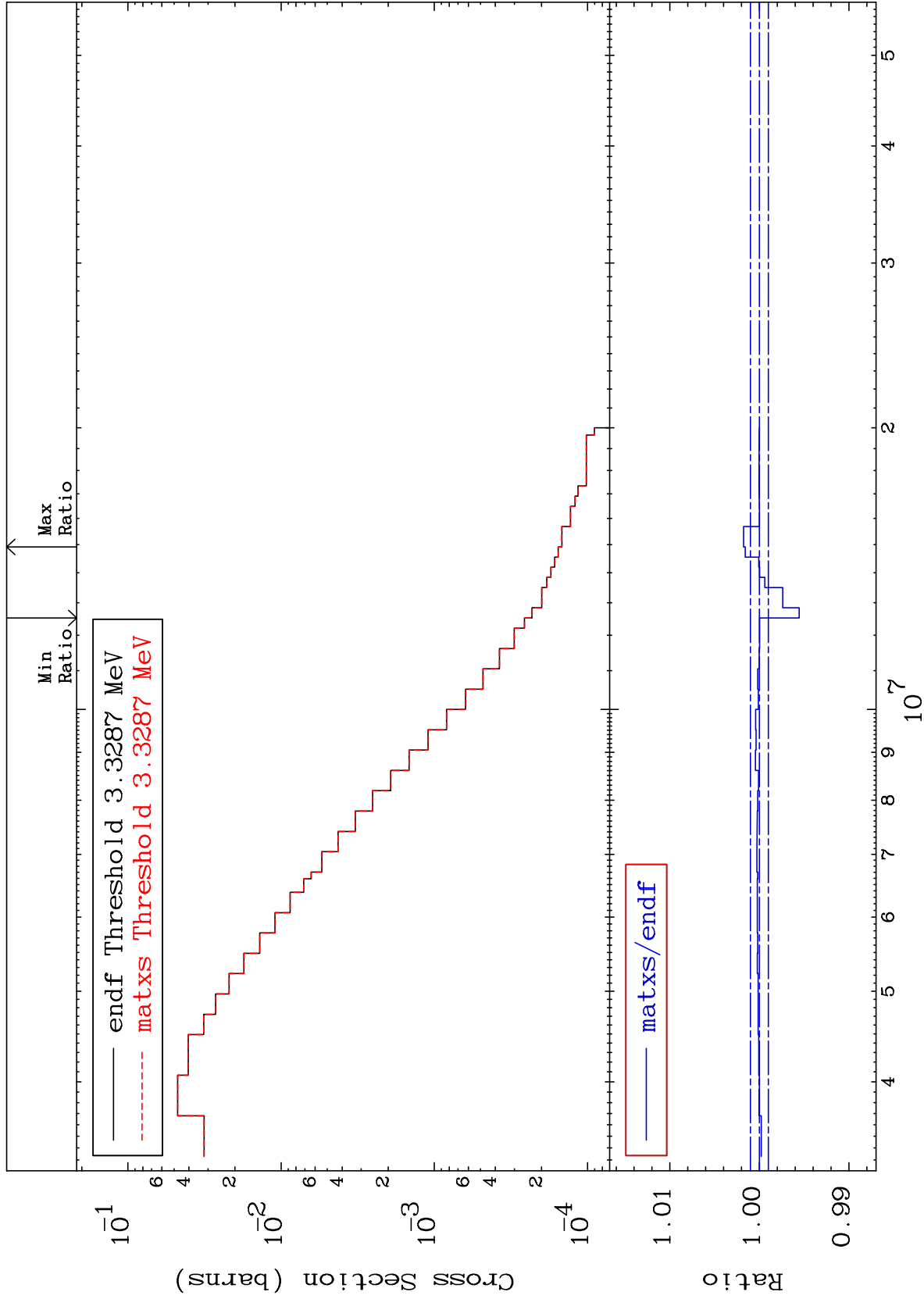
30-Zn-64
-0.214 To 0.132 %



MAT 3025

3.297 MeV (n,n') Level
Cross Section

30-Zn-64
-0.444 To 0.178 %



24

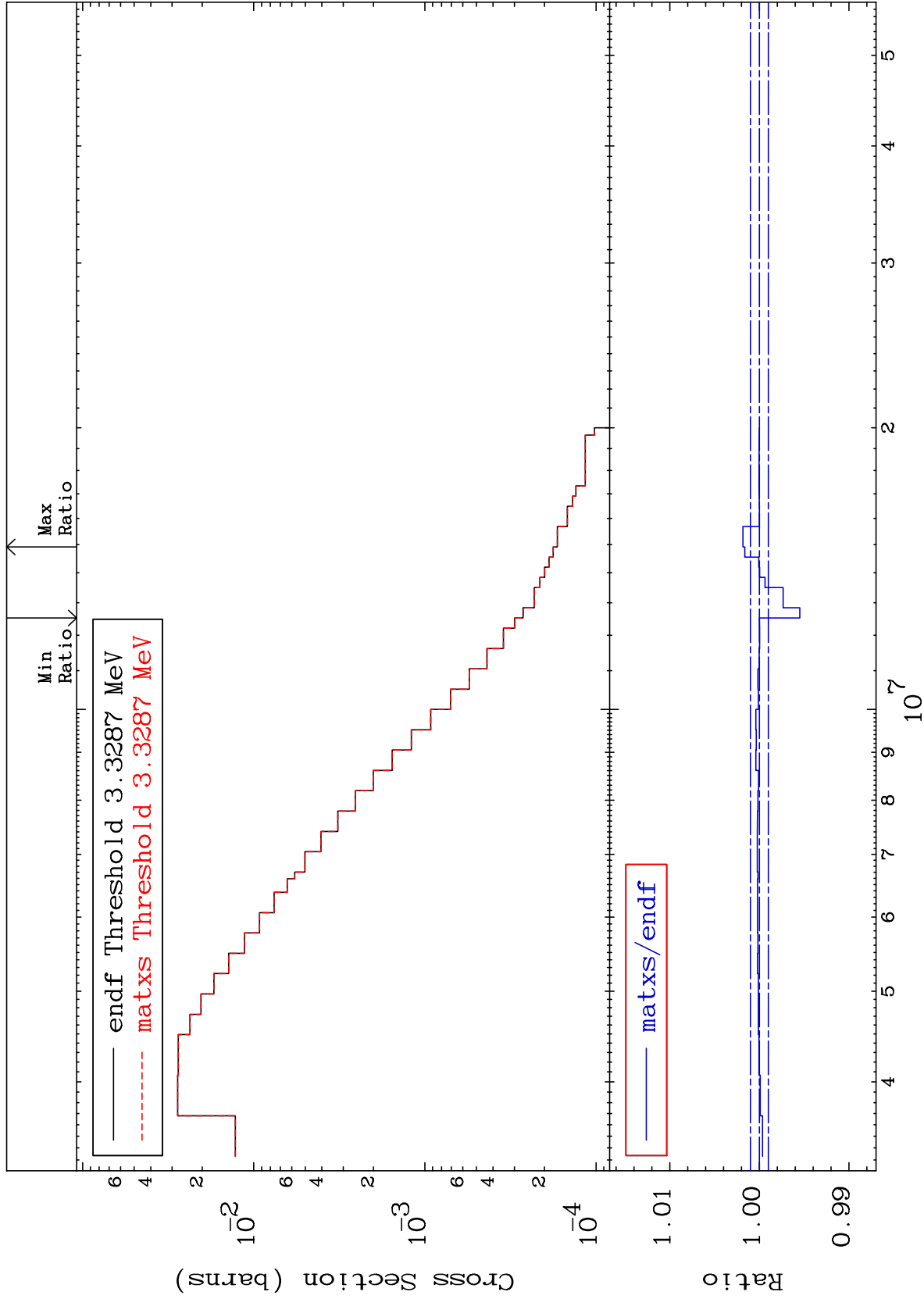
Incident Energy (eV)

30-Zn-64

MAT 3025

3.307 MeV (n,n') Level
Cross Section

30-Zn-64
-0.450 To 0.184 %



25

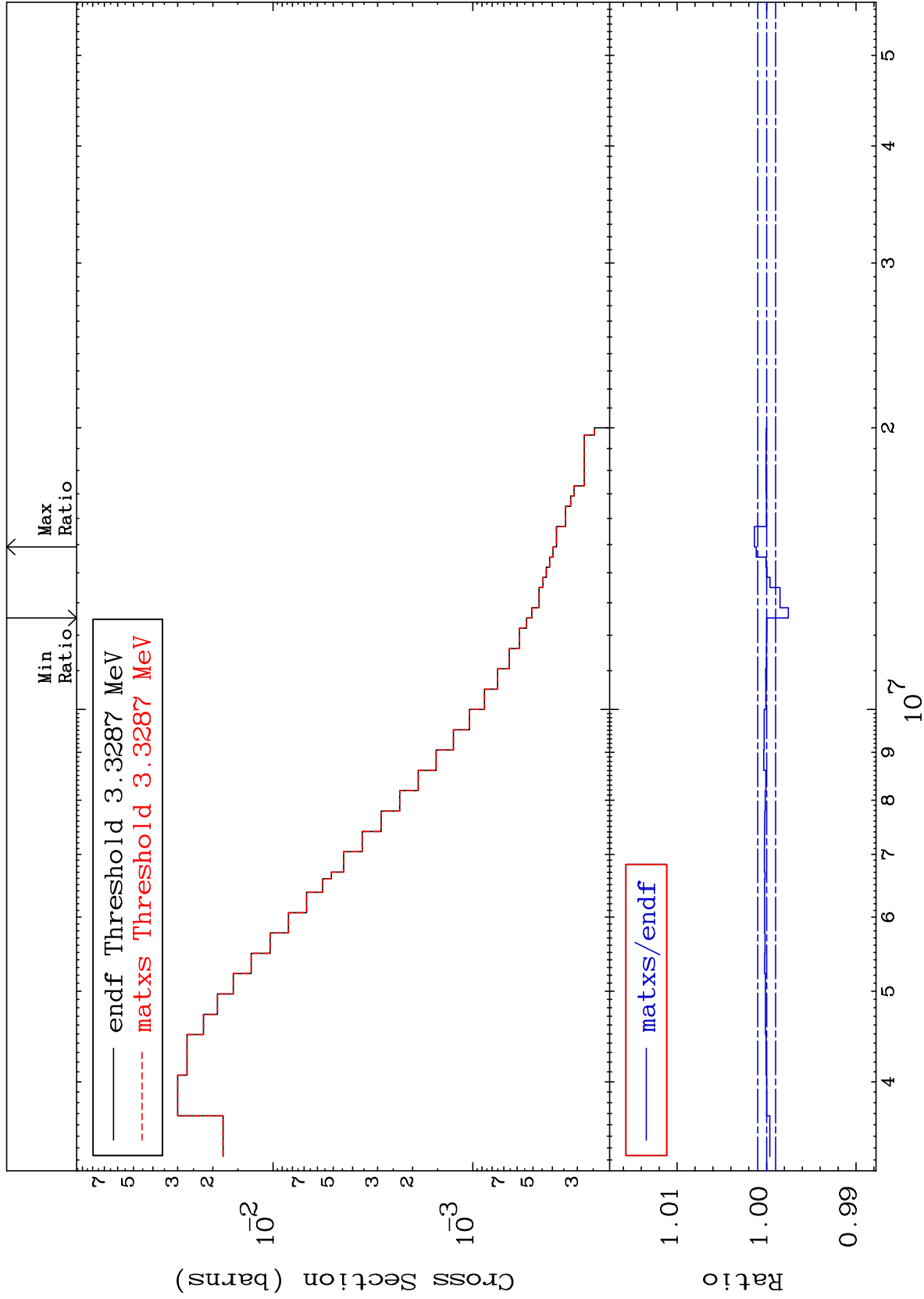
Incident Energy (eV)

30-Zn-64

MAT 3025

3.322 MeV (n,n') Level
Cross Section

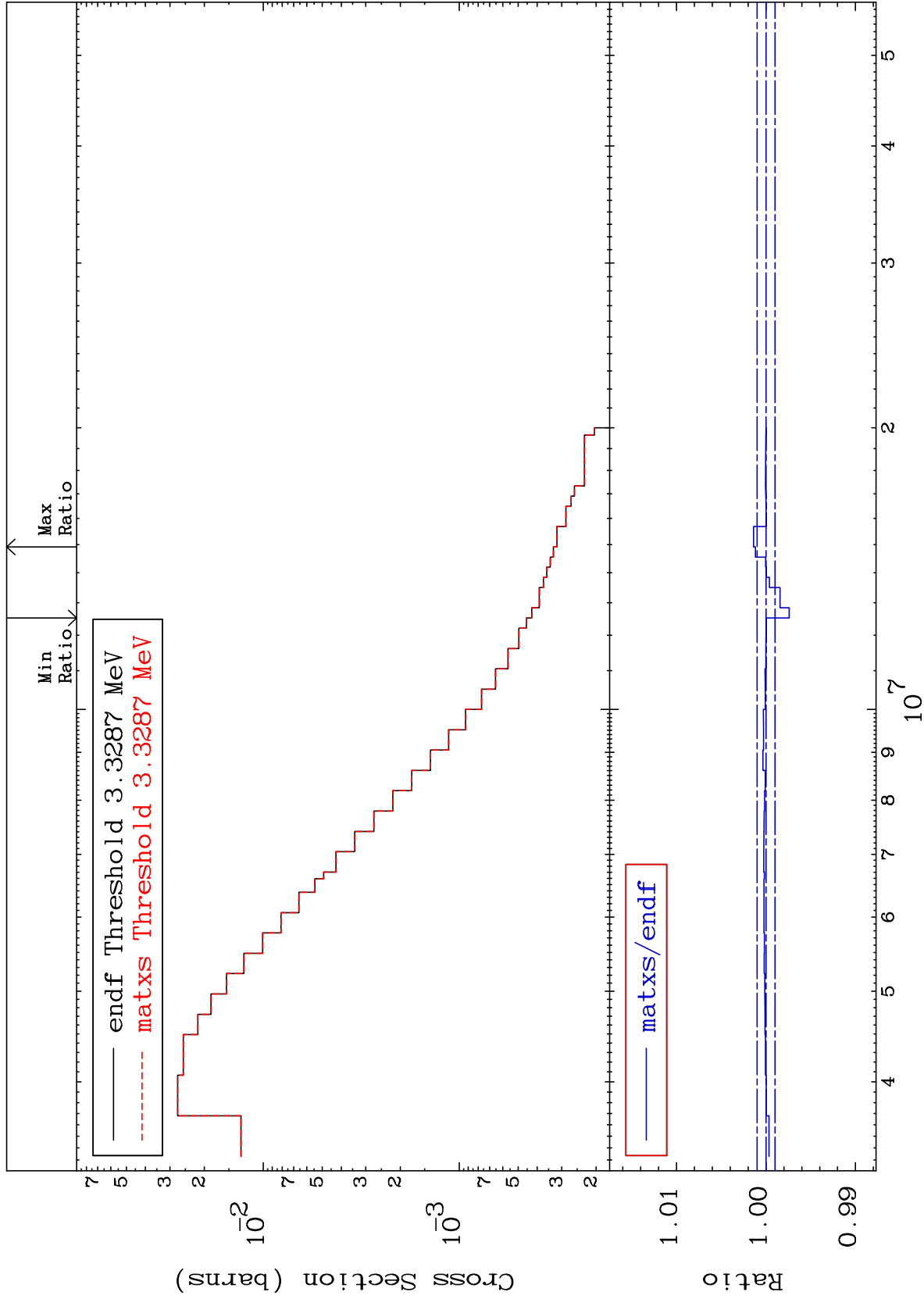
30-Zn-64
-0.244 To 0.137 %



MAT 3025

3.366 MeV (n,n') Level
Cross Section

30-Zn-64
-0.259 To 0.139 %



27

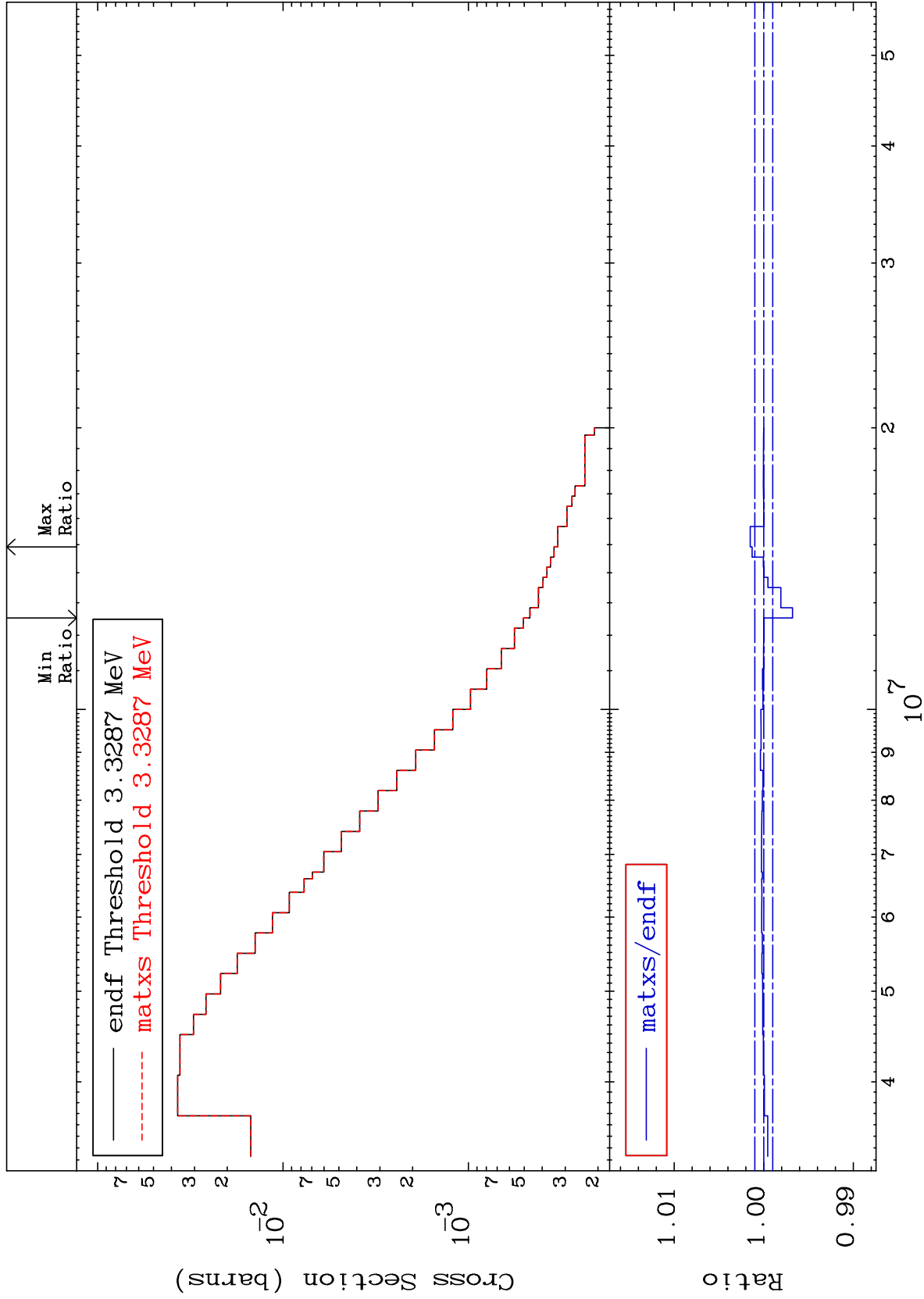
Incident Energy (eV)

30-Zn-64

MAT 3025

3.370 MeV (n,n') Level
Cross Section

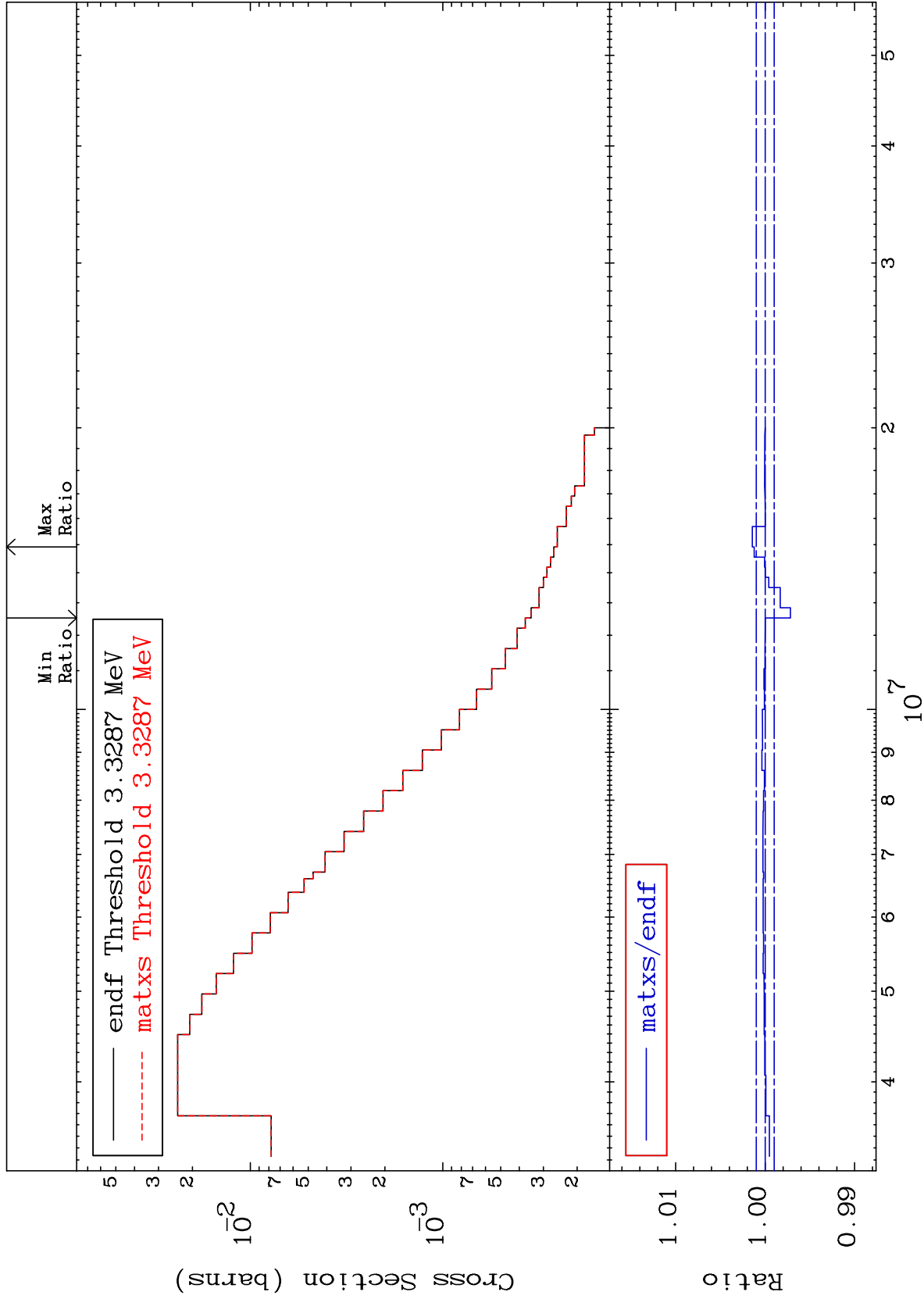
30-Zn-64
-0.322 To 0.152 %



MAT 3025

3.425 MeV (n,n') Level
Cross Section

30-Zn-64
-0.282 To 0.143 %



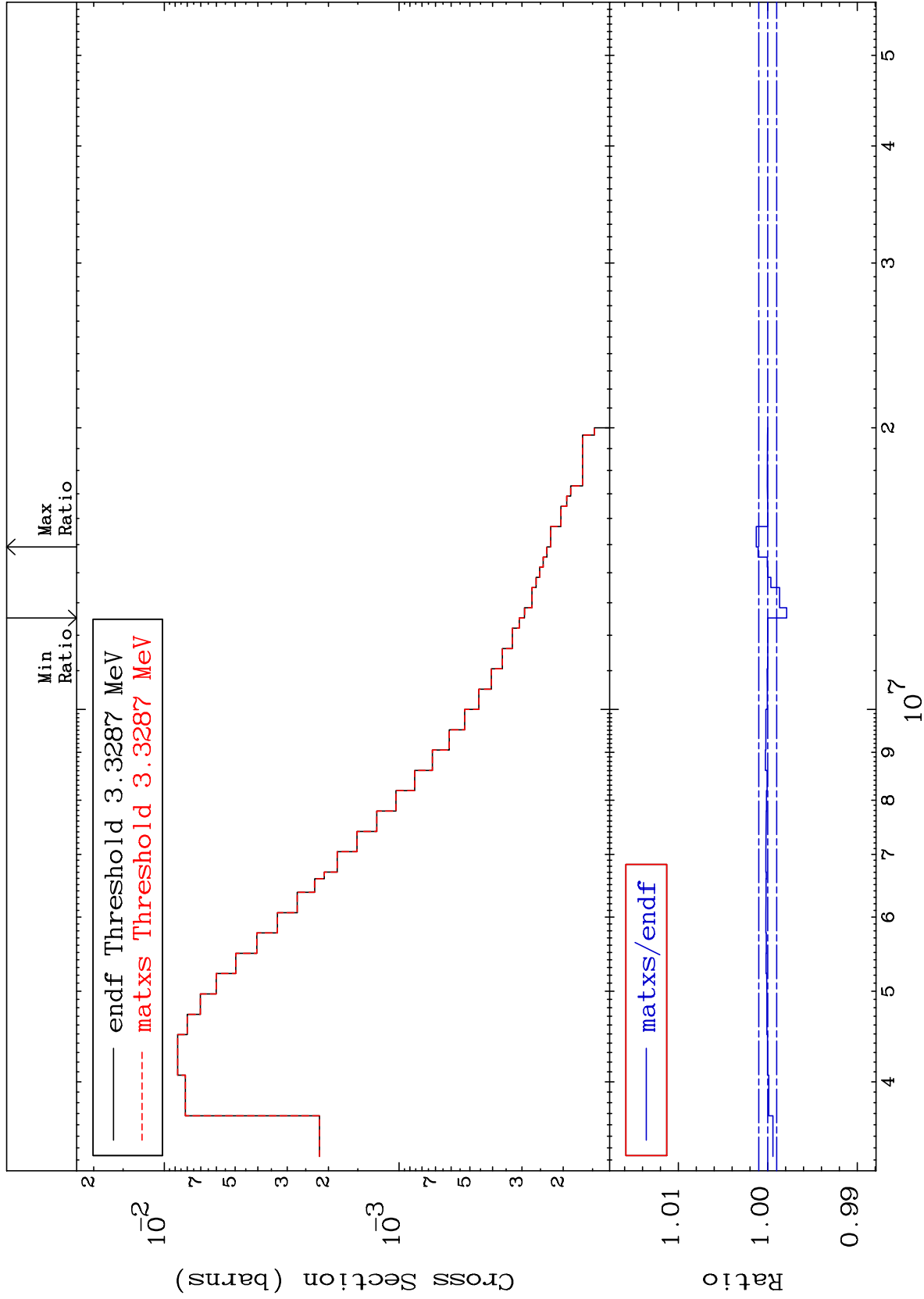
30

30-Zn-64

MAT 3025

3.452 MeV (n,n') Level
Cross Section

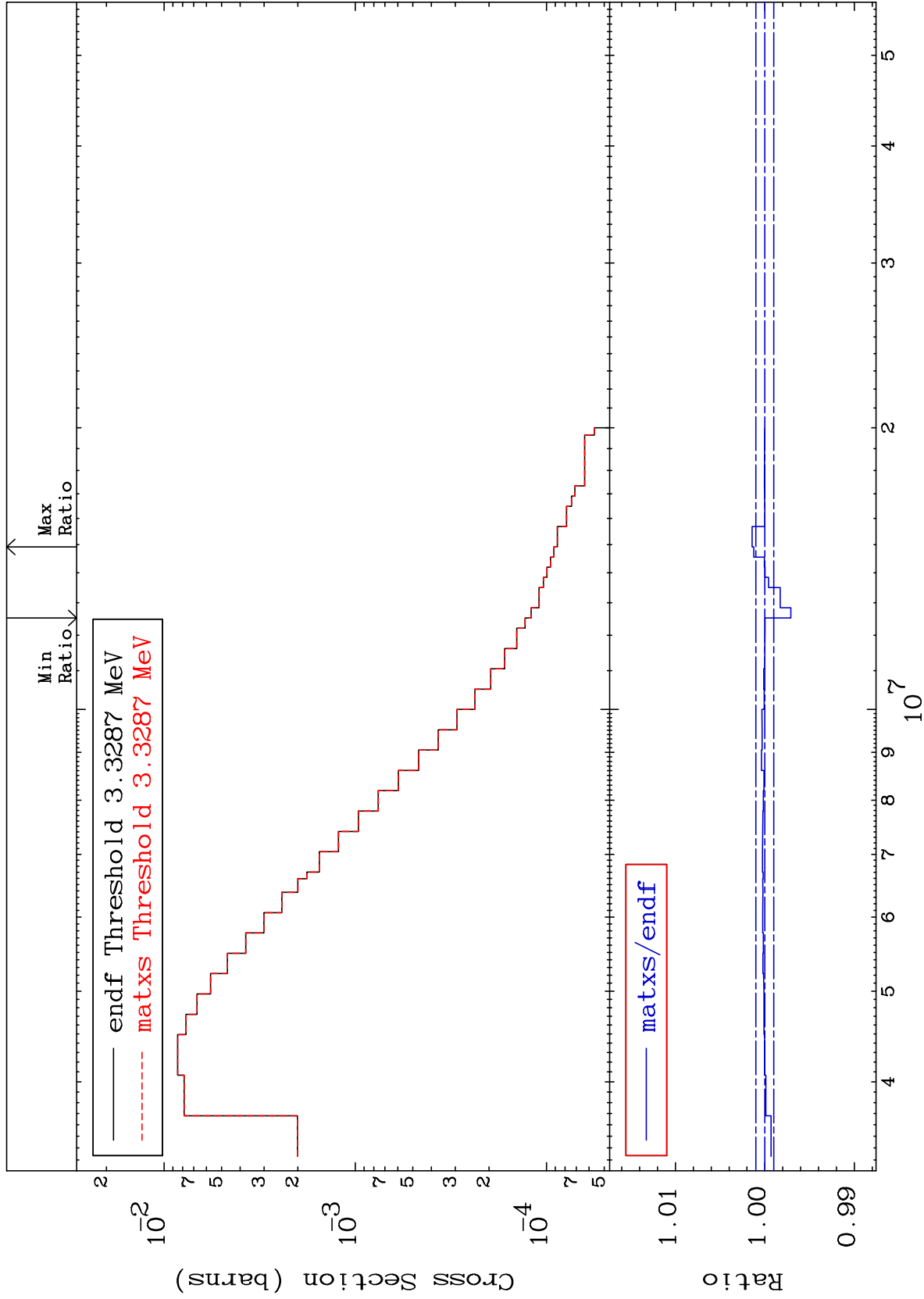
30-Zn-64
-0.210 To 0.130 %



MAT 3025

3.459 MeV (n,n') Level
Cross Section

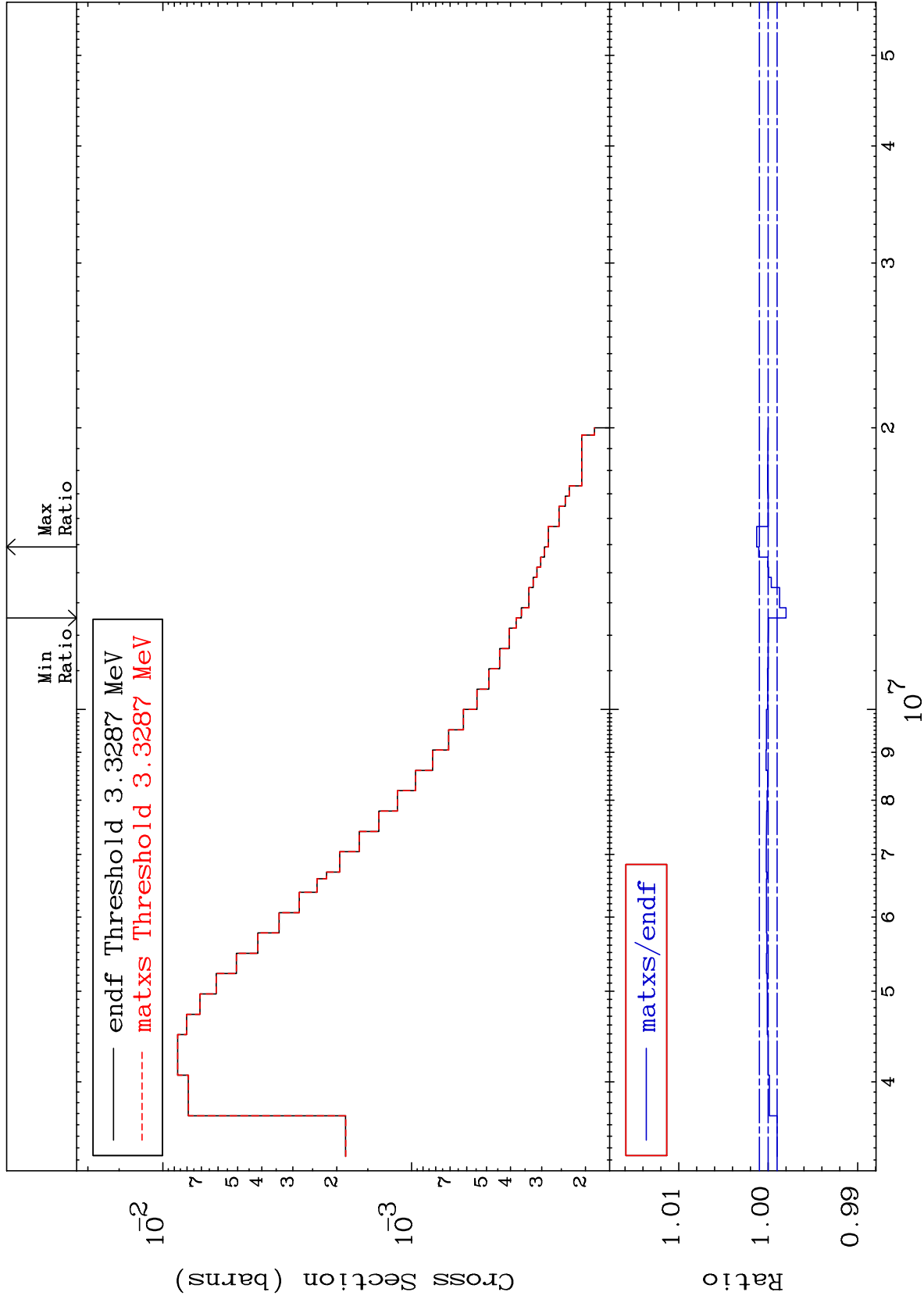
30-Zn-64
-0.289 To 0.144 %



MAT 3025

3.465 MeV (n,n') Level
Cross Section

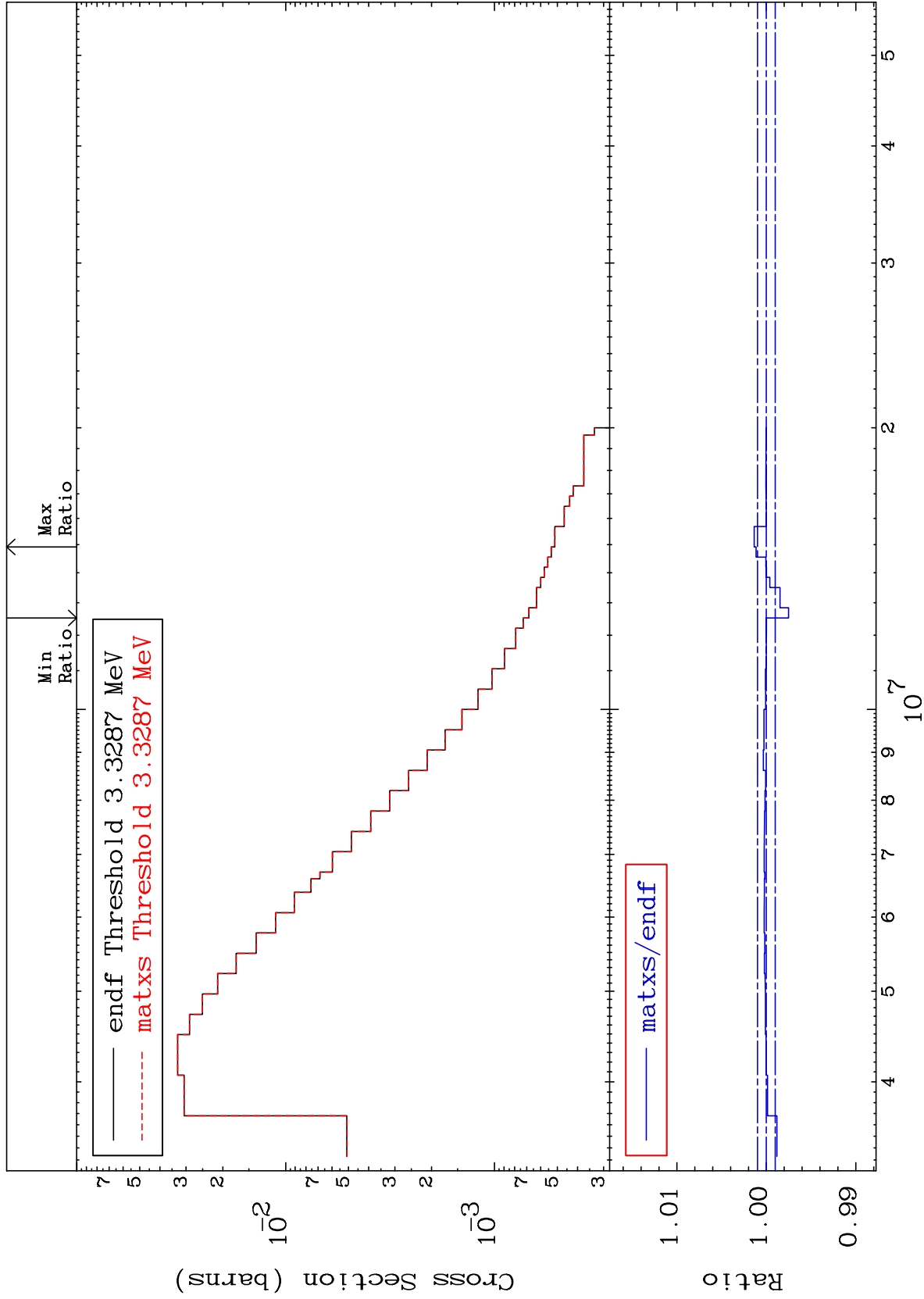
30-Zn-64
-0.199 To 0.128 %



MAT 3025

3.500 MeV (n,n') Level
Cross Section

30-Zn-64
-0.249 To 0.137 %



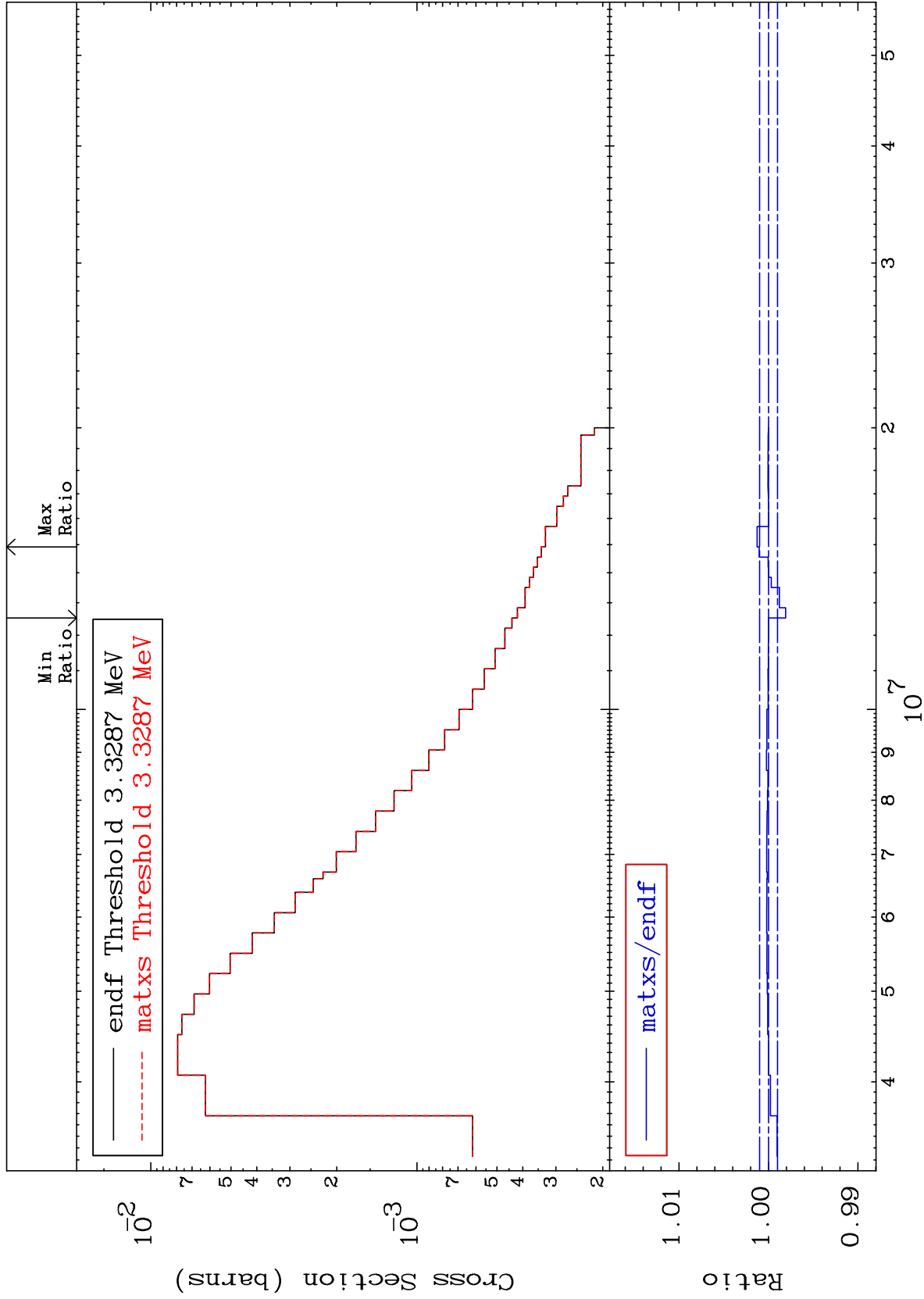
34

30-Zn-64

MAT 3025

3.539 MeV (n,n') Level
Cross Section

30-Zn-64
-0.191 To 0.127 %



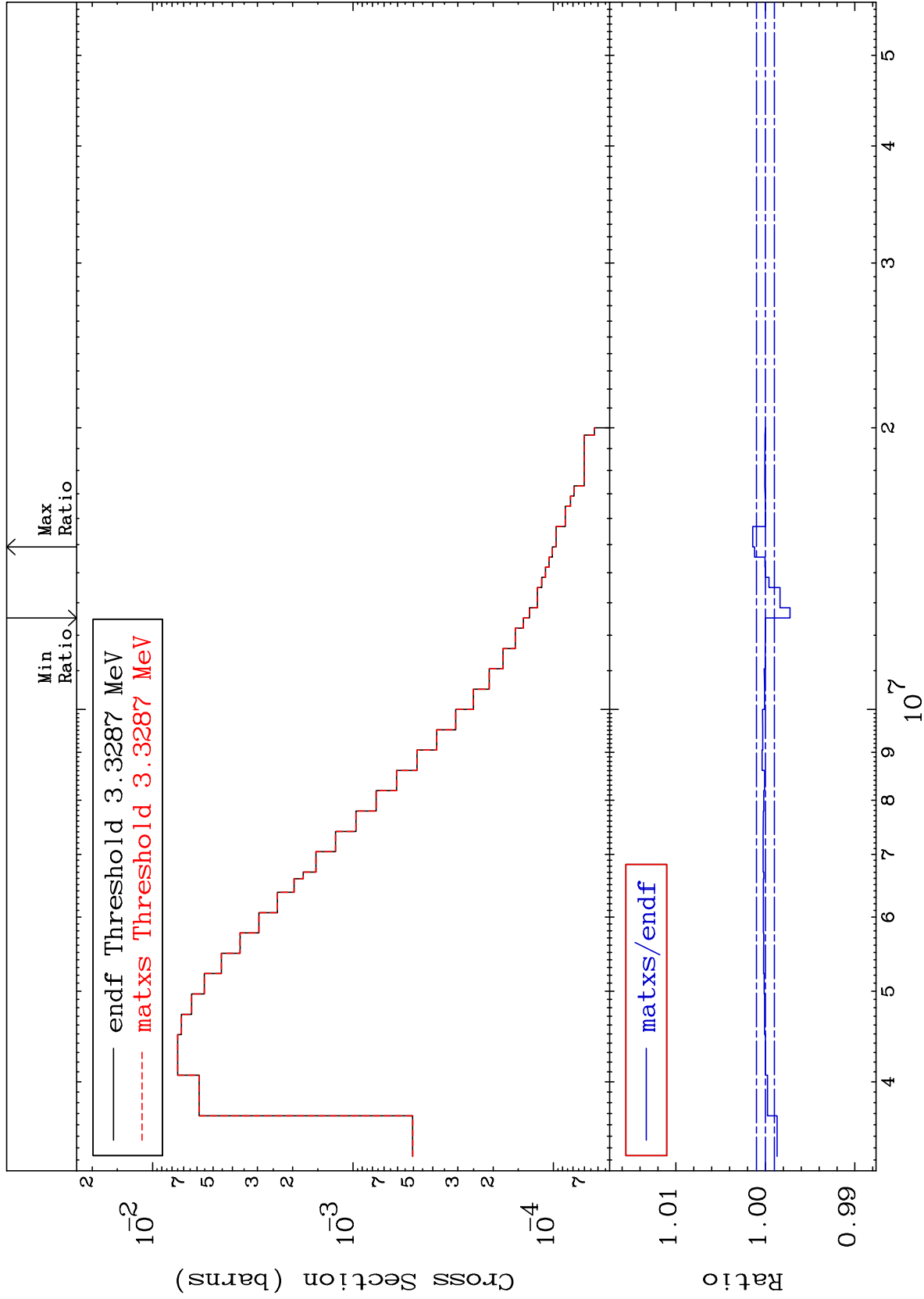
35

30-Zn-64

MAT 3025

3.547 MeV (n,n') Level
Cross Section

30-Zn-64
-0.275 To 0.141 %



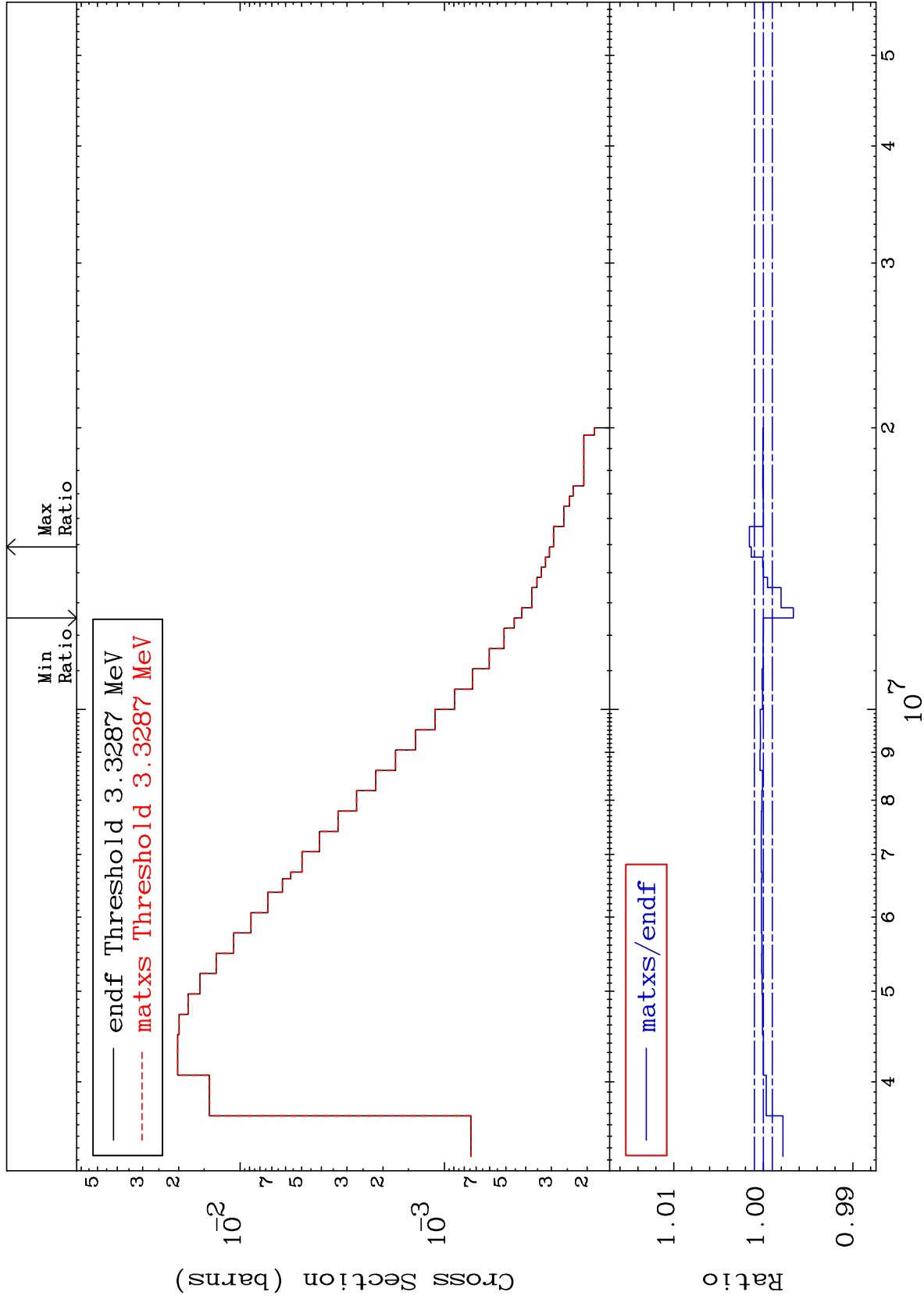
36

30-Zn-64

MAT 3025

3.552 MeV (n,n') Level
Cross Section

30-Zn-64
-0.336 To 0.155 %



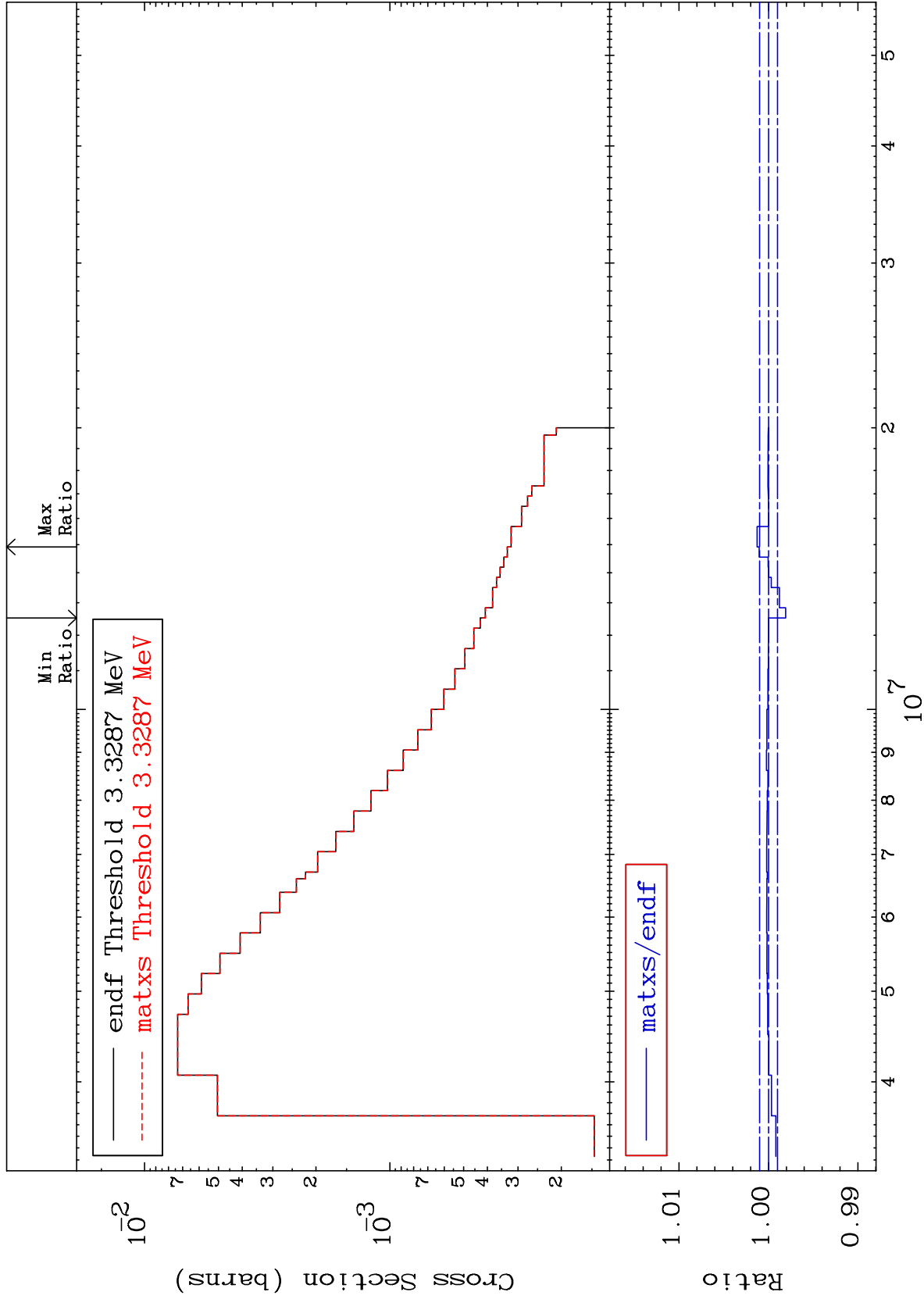
37

30-Zn-64

MAT 3025

3.587 MeV (n,n') Level
Cross Section

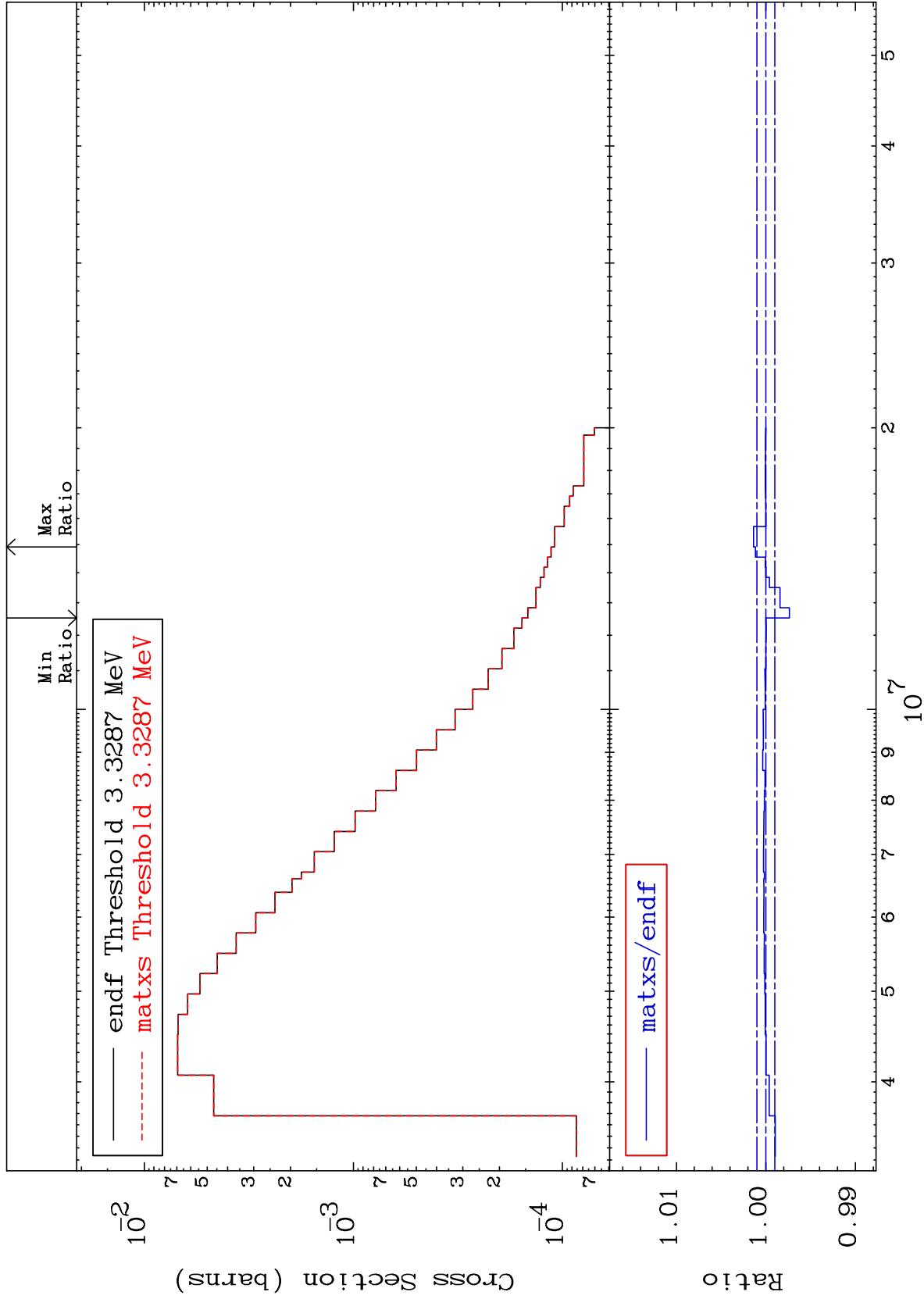
30-Zn-64
-0.192 To 0.126 %



MAT 3025

3.597 MeV (n,n') Level
Cross Section

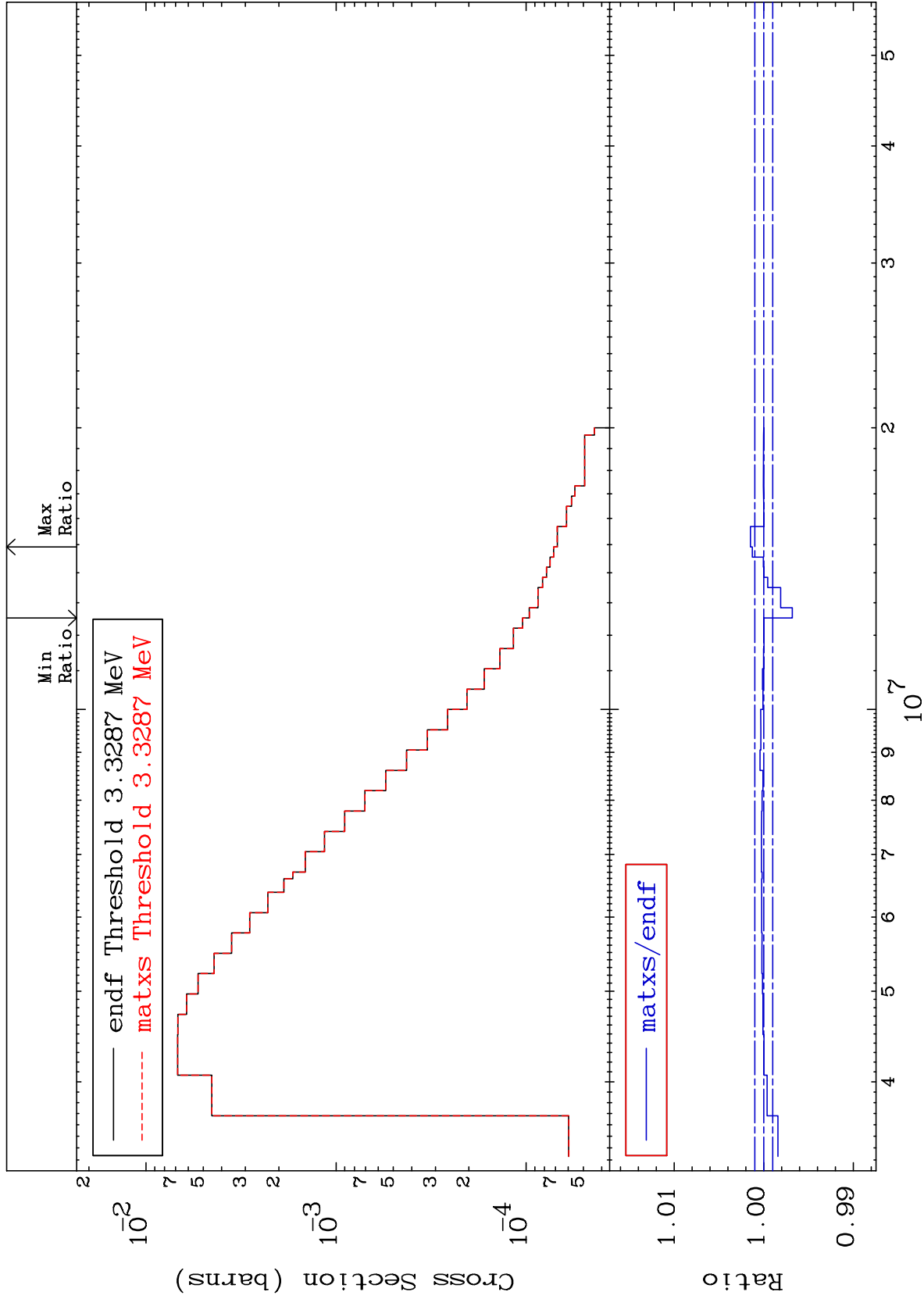
30-Zn-64
-0.262 To 0.139 %



MAT 3025

3.602 MeV (n,n') Level
Cross Section

30-Zn-64
-0.319 To 0.149 %



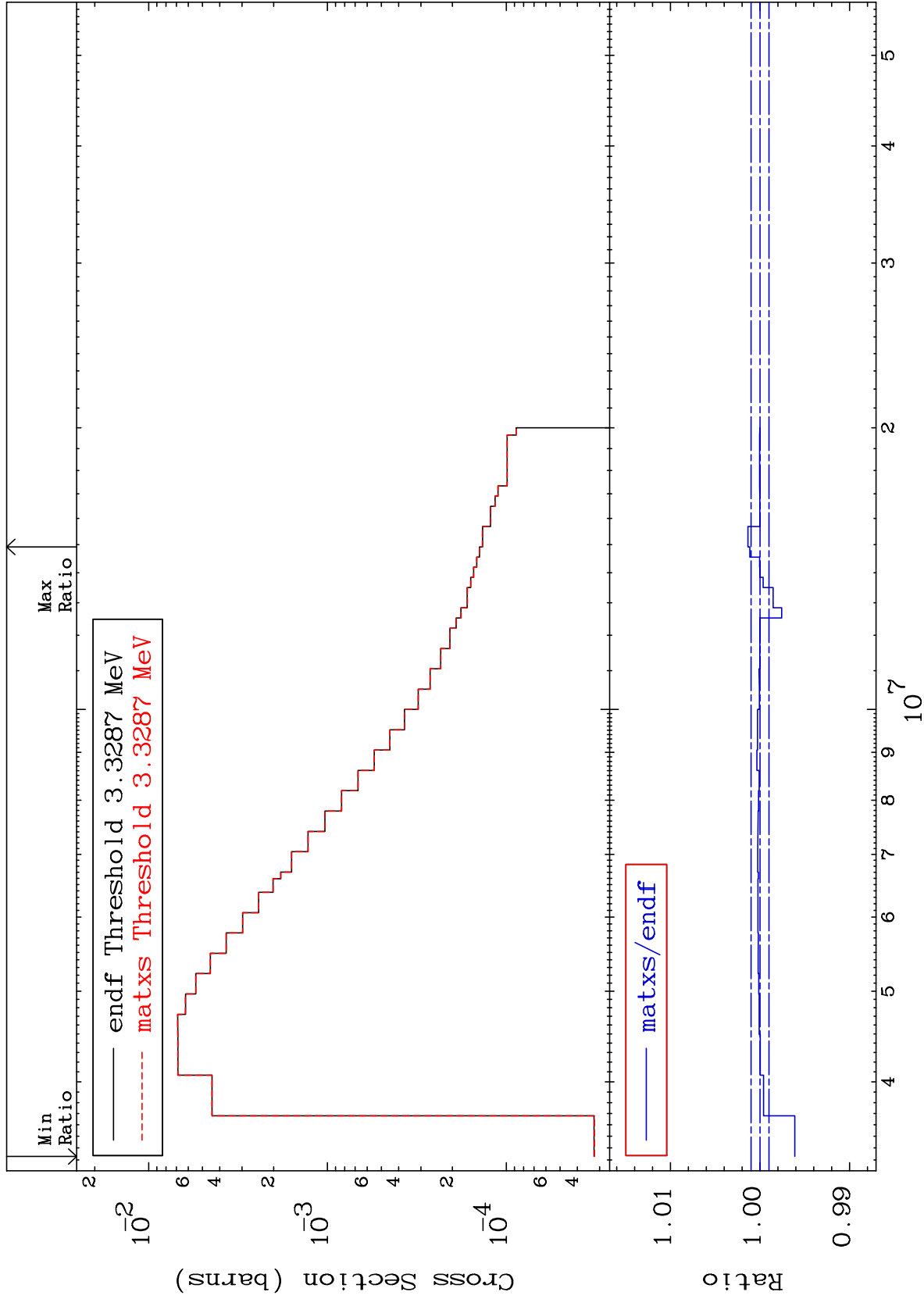
40

30-Zn-64

MAT 3025

3.607 MeV (n,n') Level
Cross Section

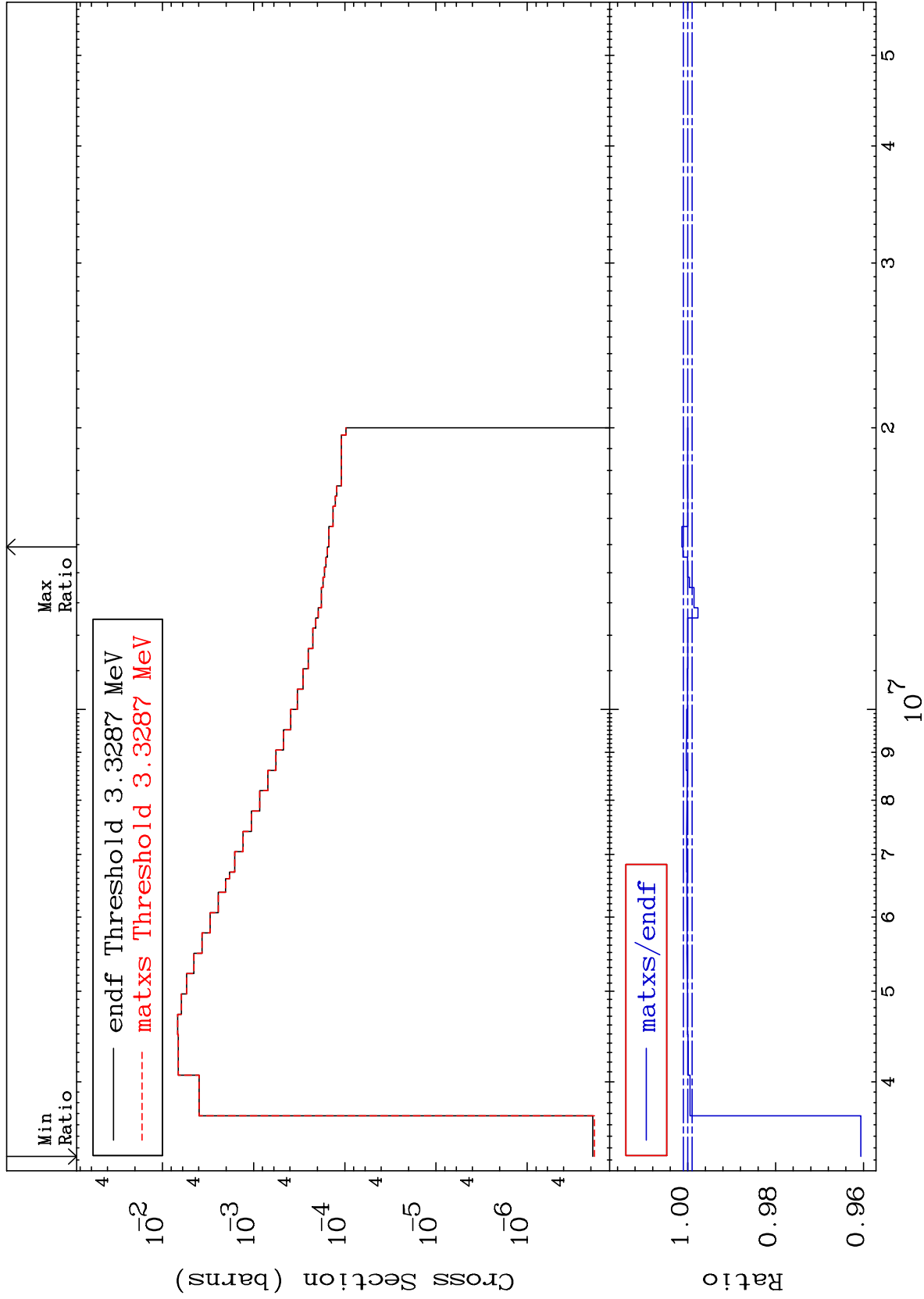
30-Zn-64
-0.390 To 0.135 %



MAT 3025

3.621 MeV (n,n') Level
Cross Section

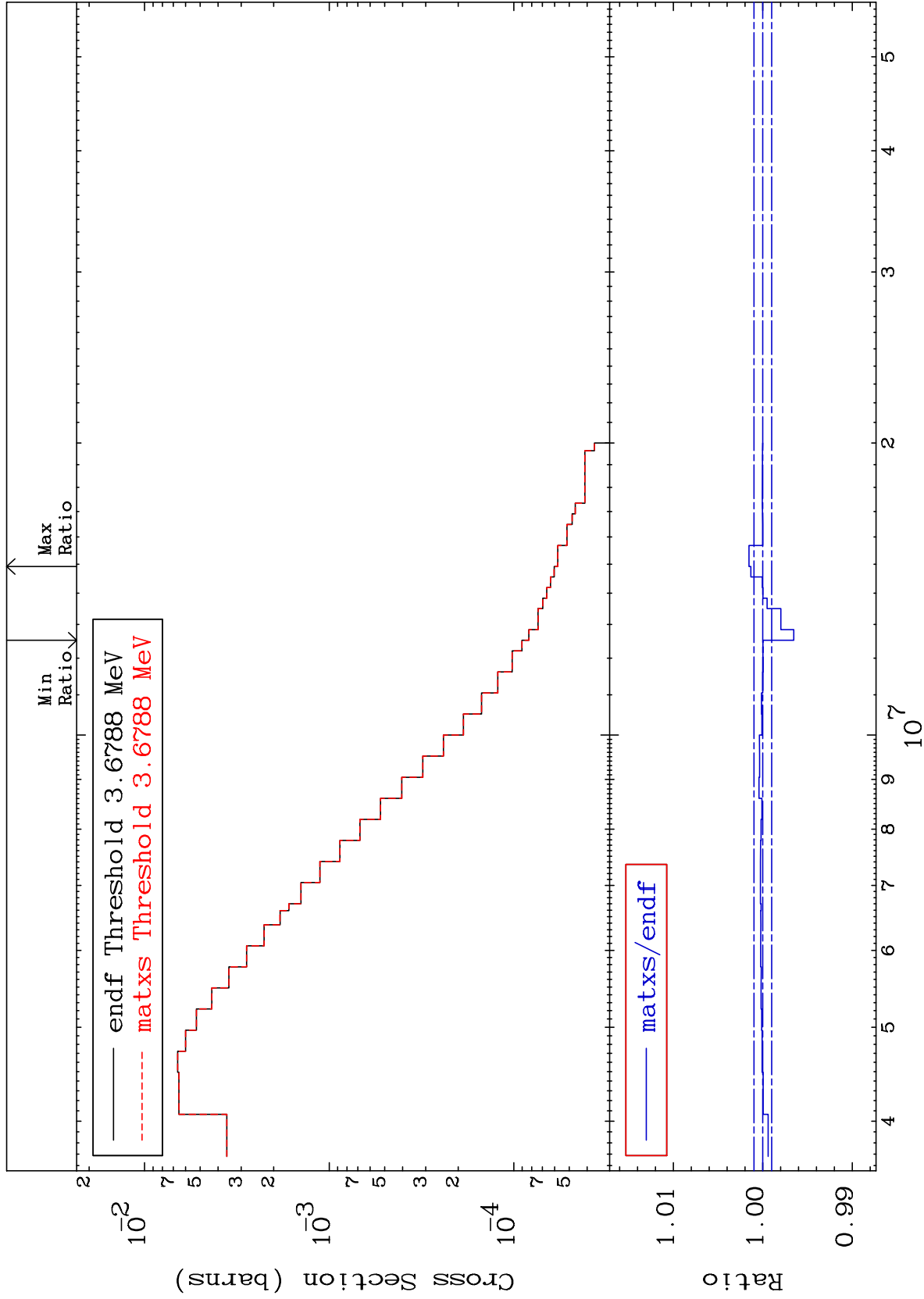
30-Zn-64
-3.941 To 0.133 %



MAT 3025

3.627 MeV (n,n') Level
Cross Section

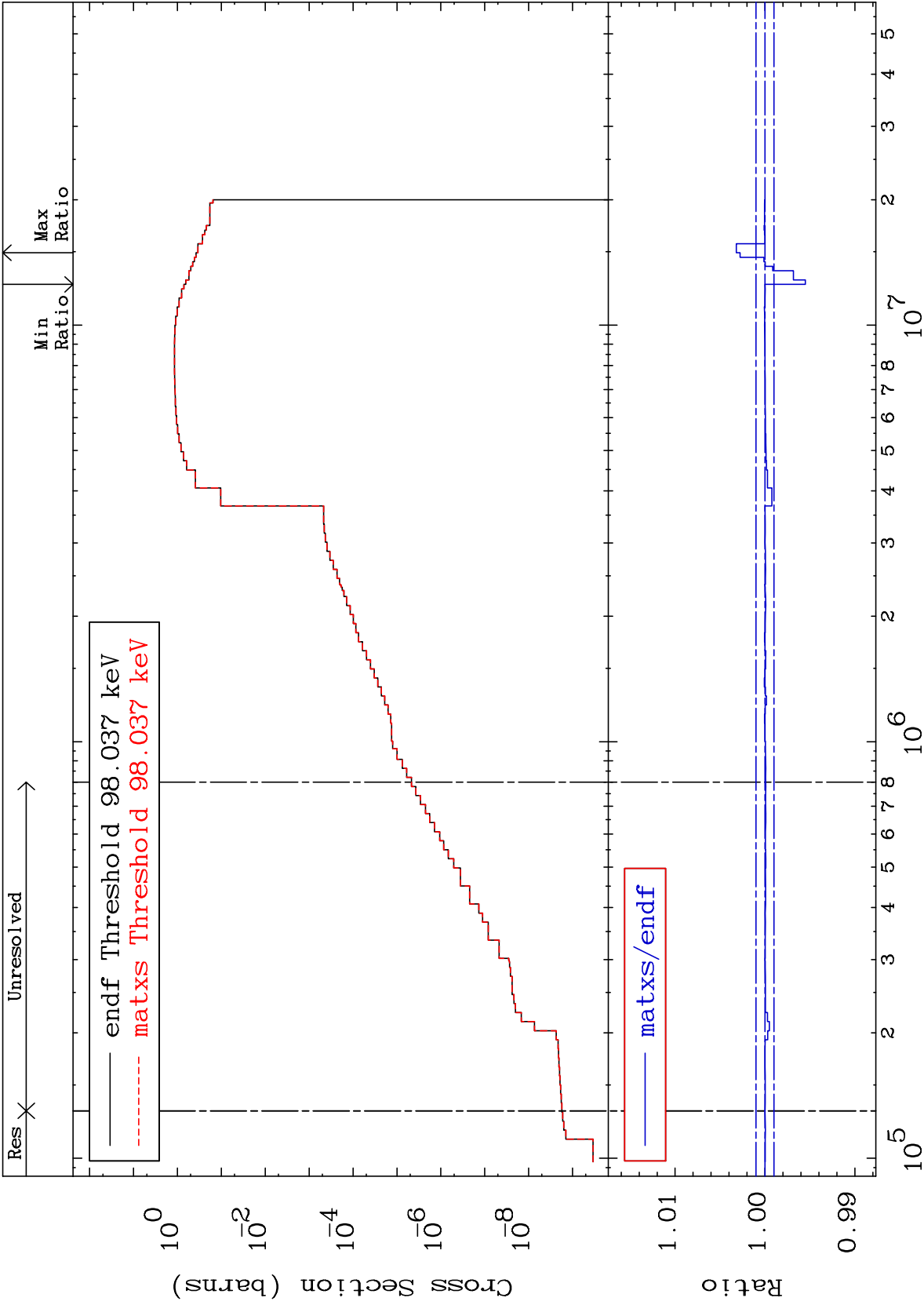
30-Zn-64
-0.345 To 0.154 %



MAT 3025

(n,n') Continuum
Cross Section

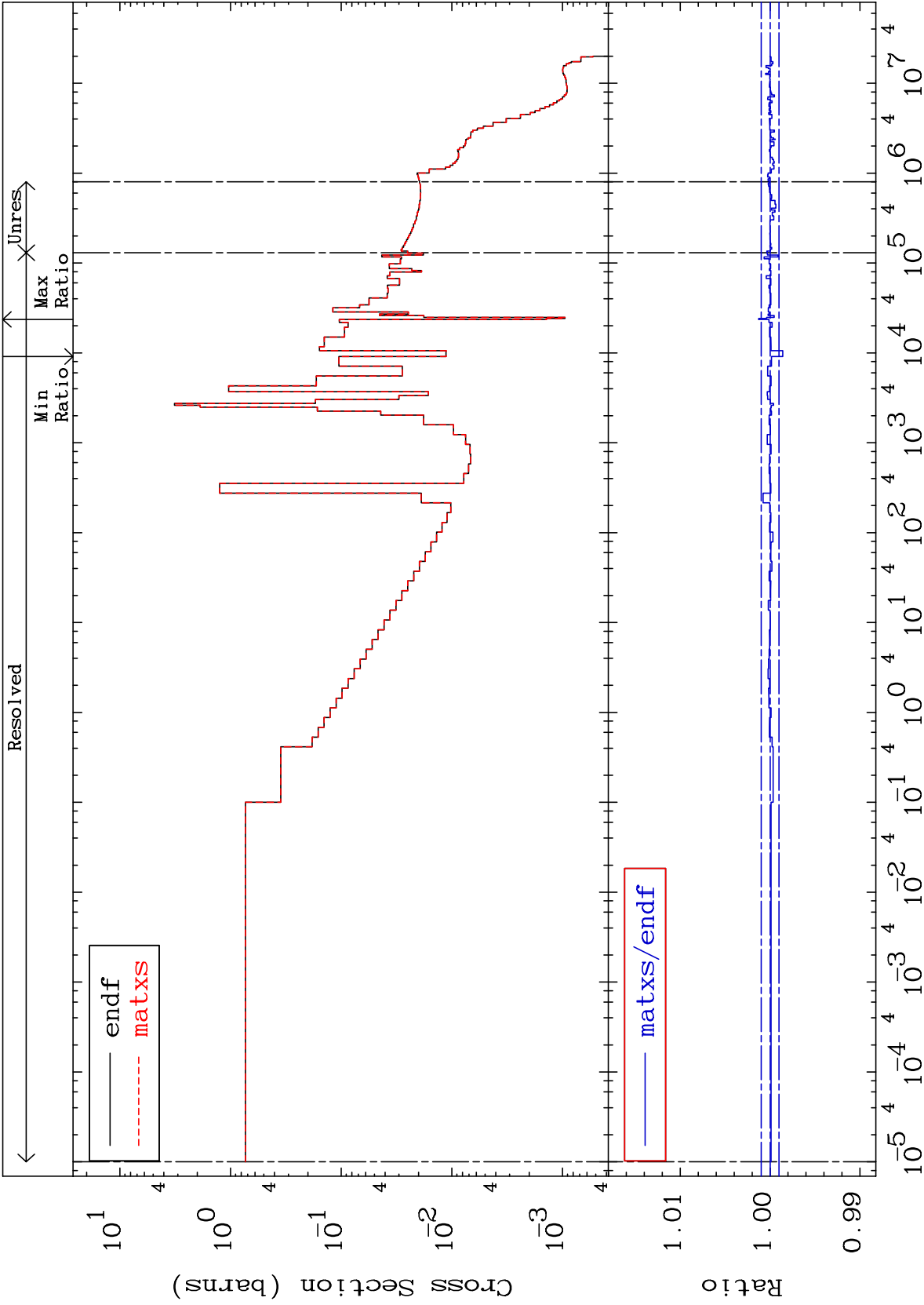
30-Zn-64
-0.448 To 0.320 %



MAT 3025

(n, γ)
Cross Section

30-Zn-64
-0.140 To 0.126 %



45

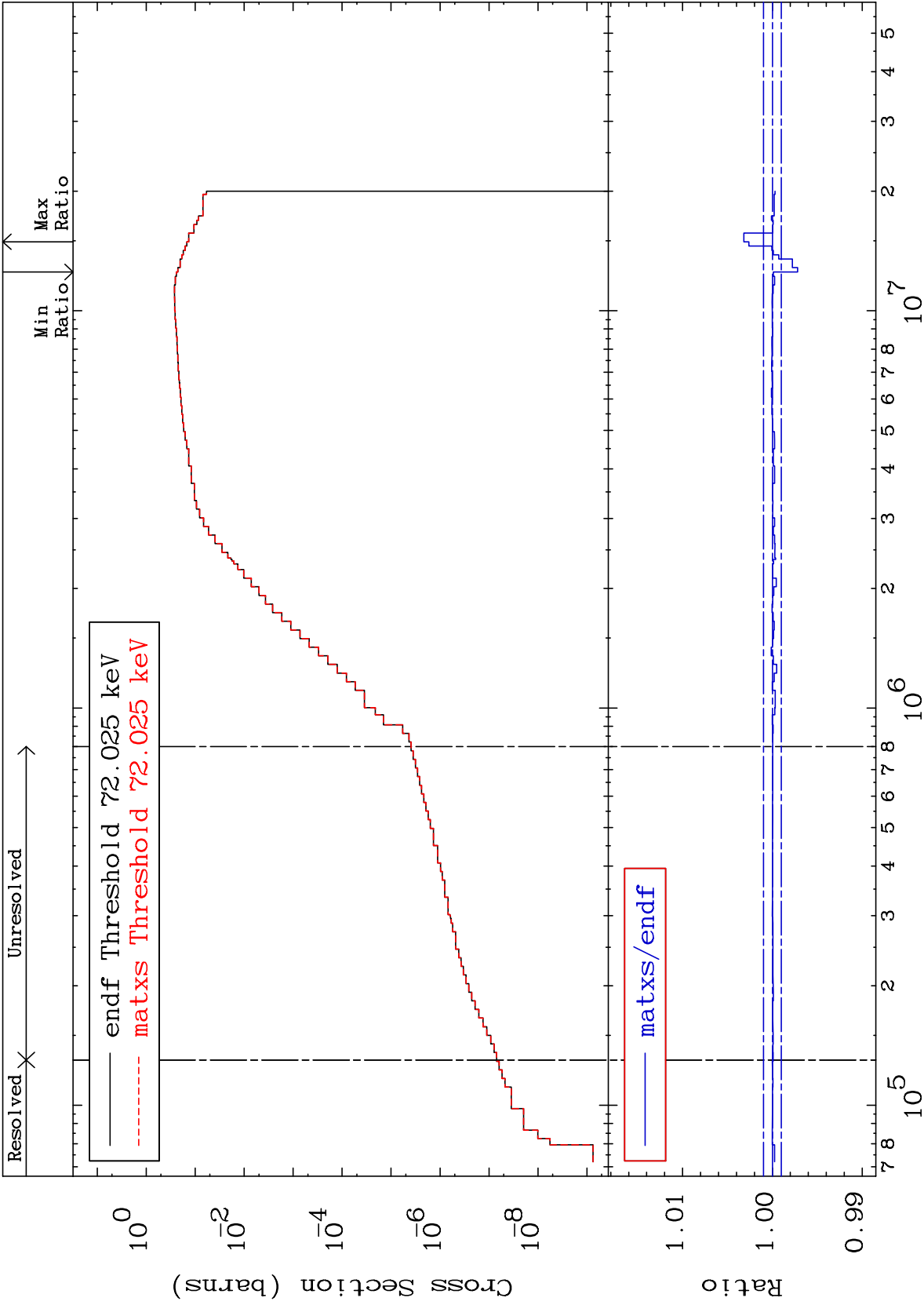
Incident Energy (eV)

30-Zn-64

MAT 3025

(n,p)
Cross Section

30-Zn-64
-0.281 To 0.318 %



MAT 3025

(n, d)

30-Zn-64

Cross Section

-0.309 To 0.757 %

Min Ratio

Max Ratio

— endf Threshold 5.4881 MeV
- - - matxs Threshold 5.4881 MeV

— matxs/endlf

10^{-1}
 10^{-2}
 10^{-3}
 10^{-4}
 10^{-5}
 10^{-6}
 10^{-7}
 10^{-8}
 10^{-9}

Cross Section (barns)

1.01
1.00

Ratio

10^7

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7

8

9

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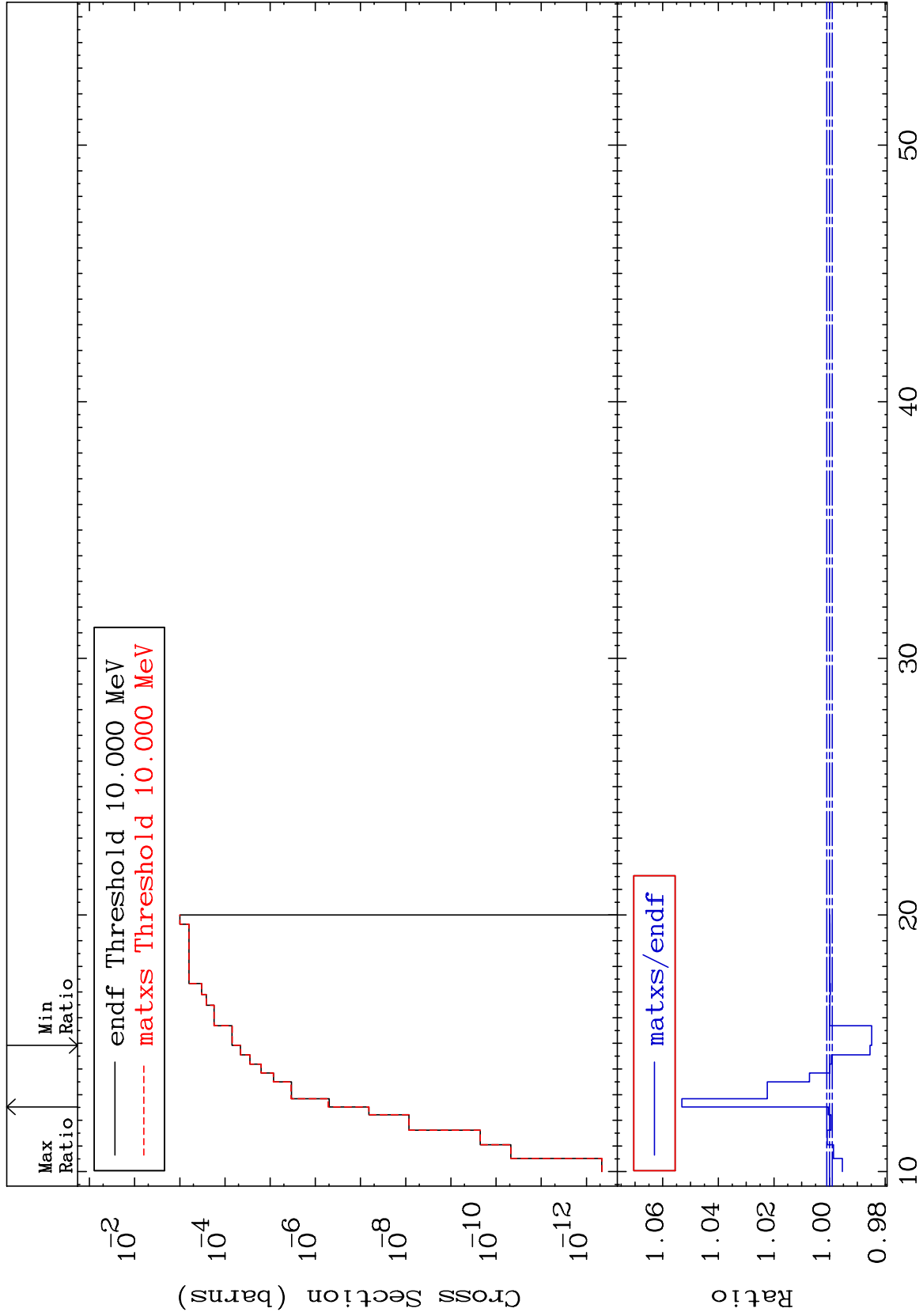
315

316

MAT 3025

(n,t)
Cross Section

30-Zn-64
-1.517 To 5.310 %



48

Incident Energy (MeV)

30-Zn-64

MAT 3025

(n, α)

30-Zn-64

Cross Section

-3.424 To 37.20 %

