

Program Complot
(Version 2015-2)

by

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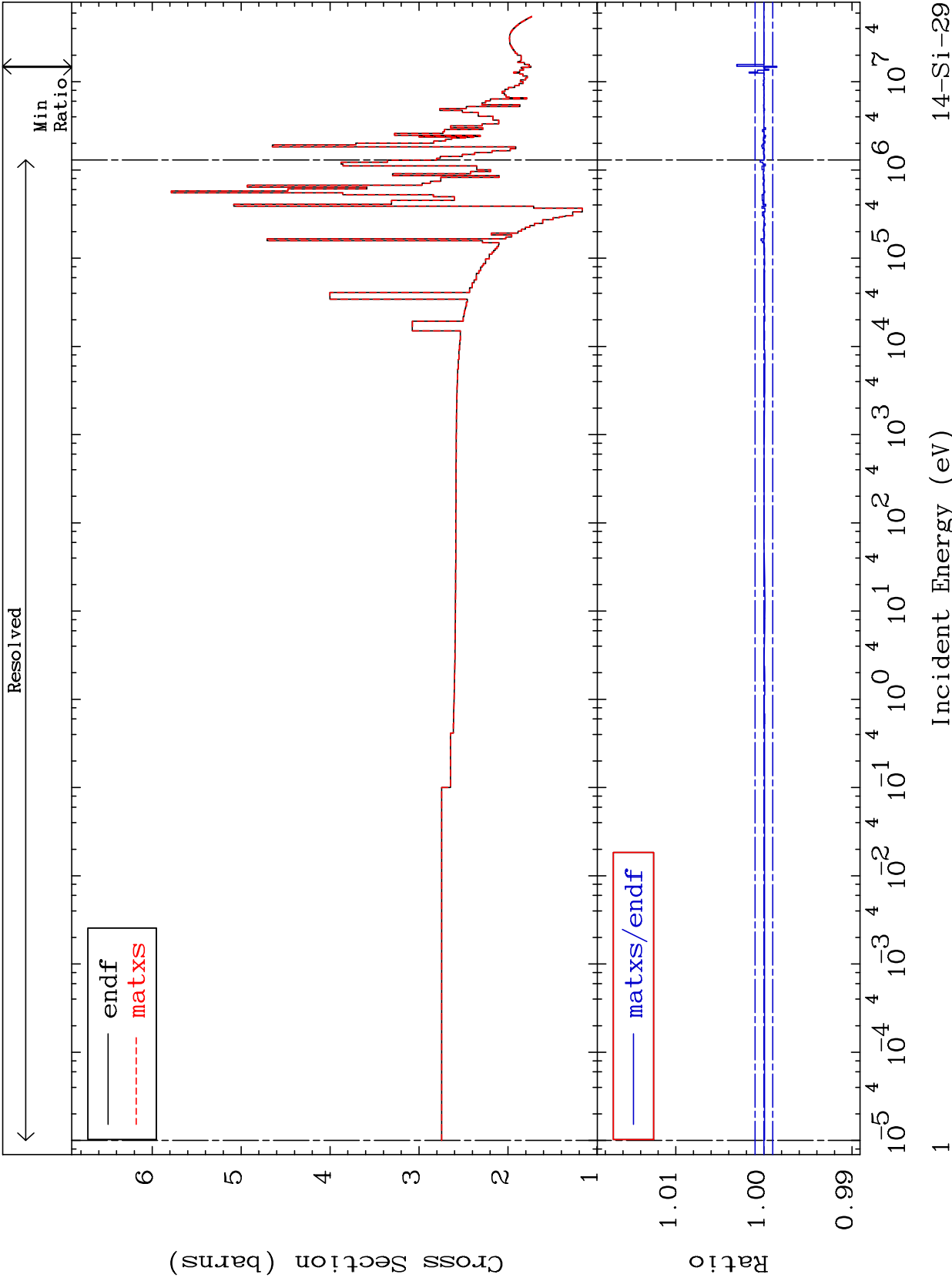
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 1428

Total
Cross Section

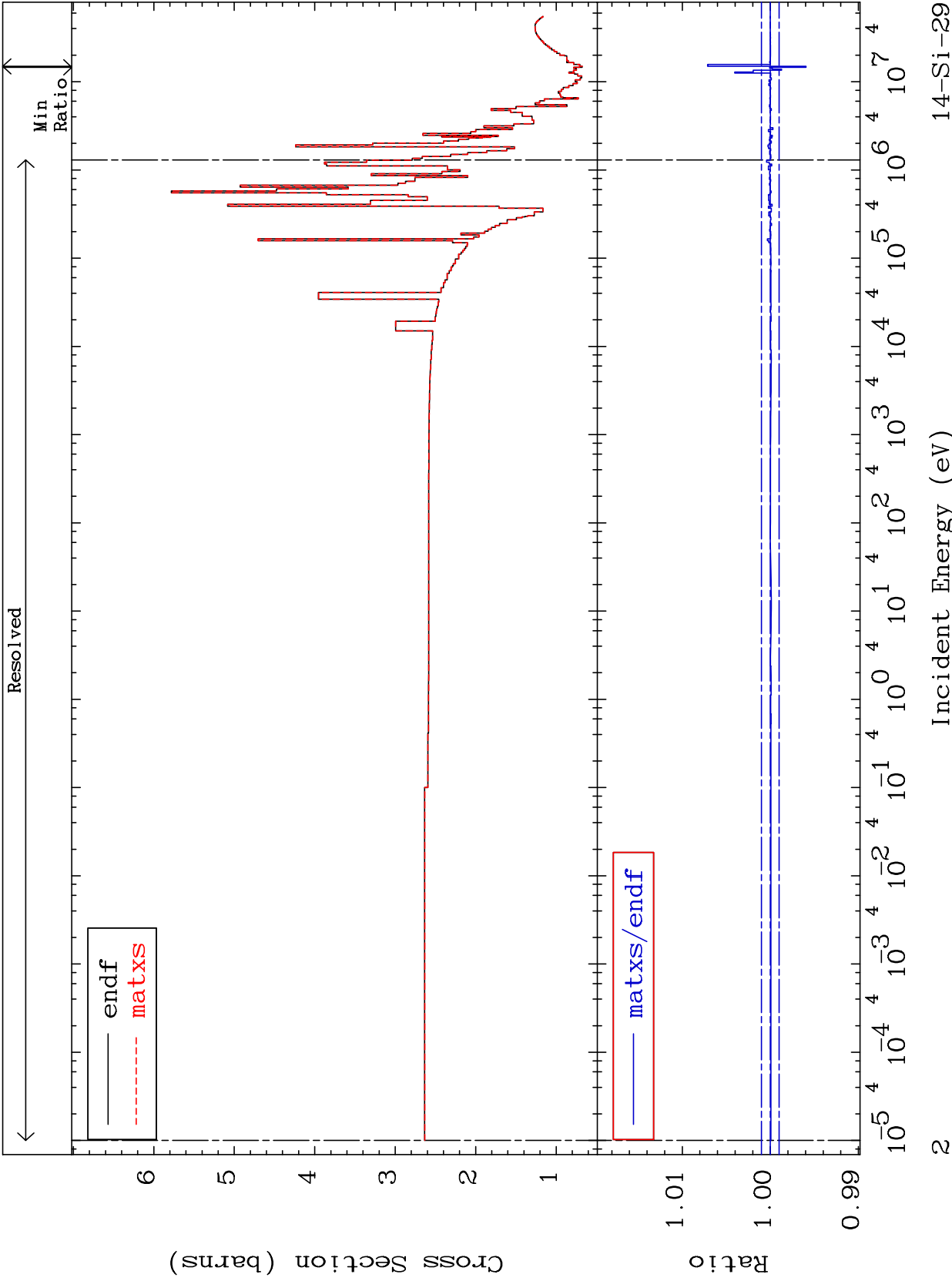
14-Si-29
-0.146 To 0.307 %



MAT 1428

Elastic
Cross Section

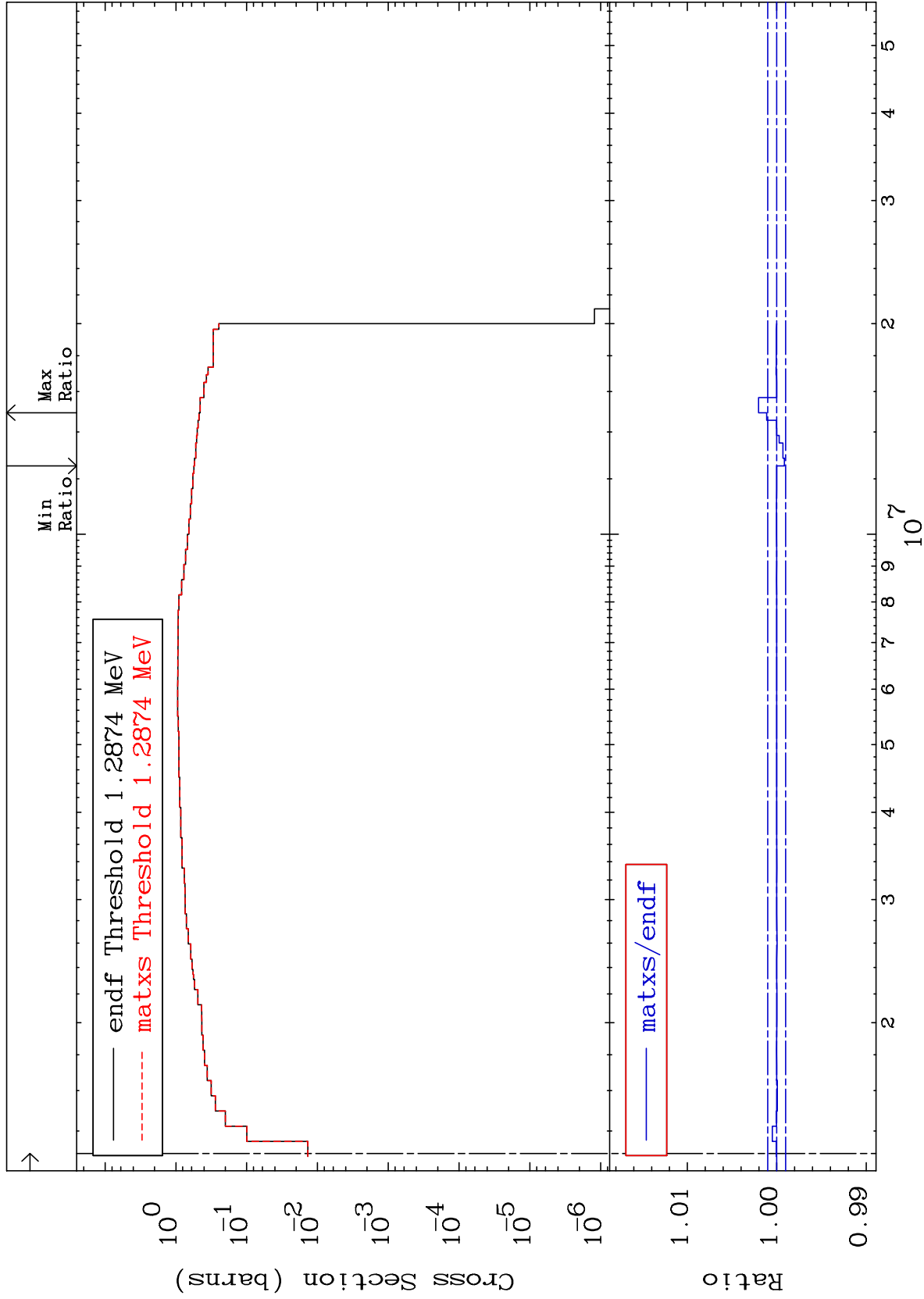
14-Si-29
-0.406 To 0.712 %



MAT 1428

Inelastic
Cross Section

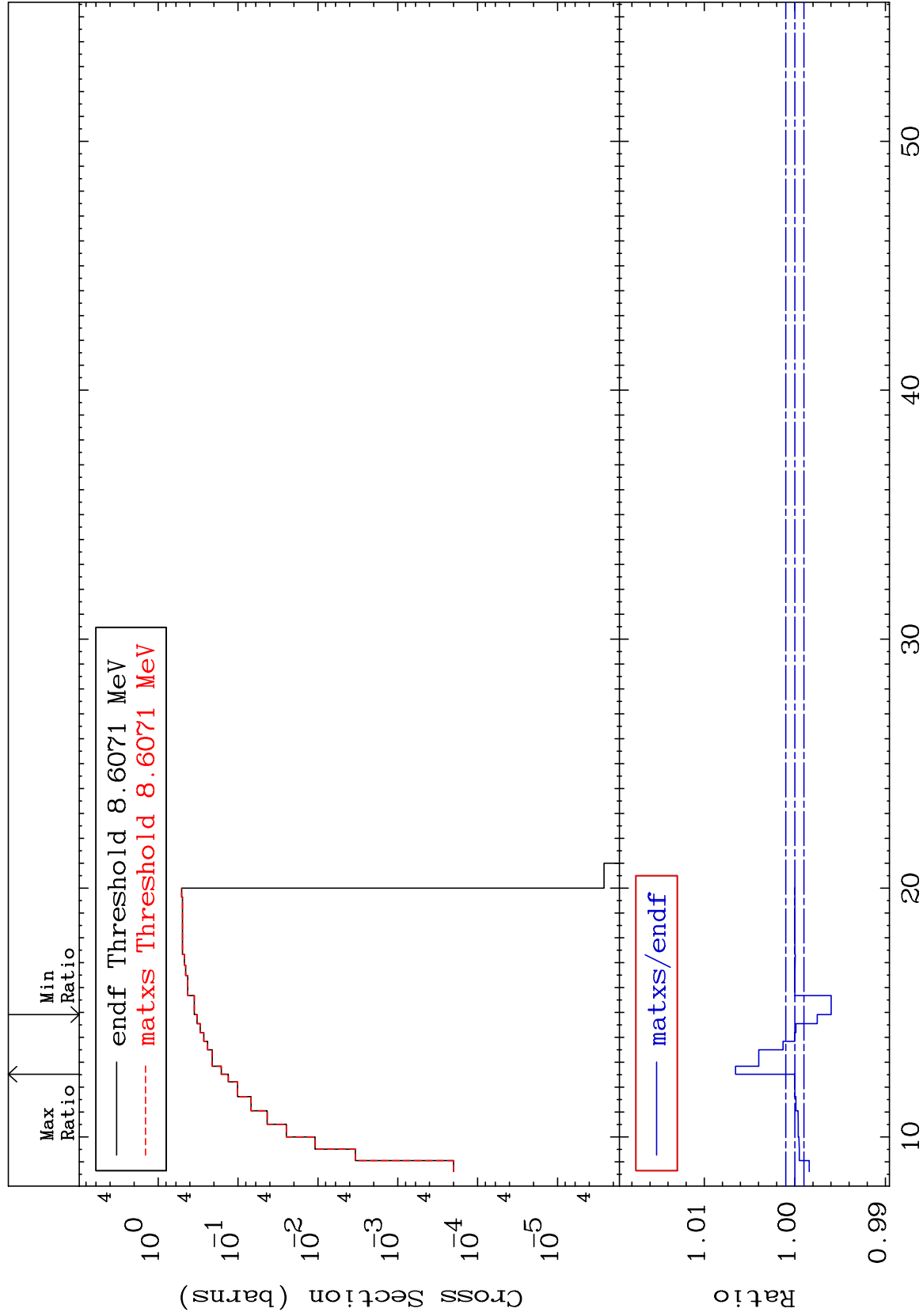
14-Si-29
-0.085 To 0.205 %



MAT 1428

(n,2n)
Cross Section

14-Si-29
-0.402 To 0.654 %



4

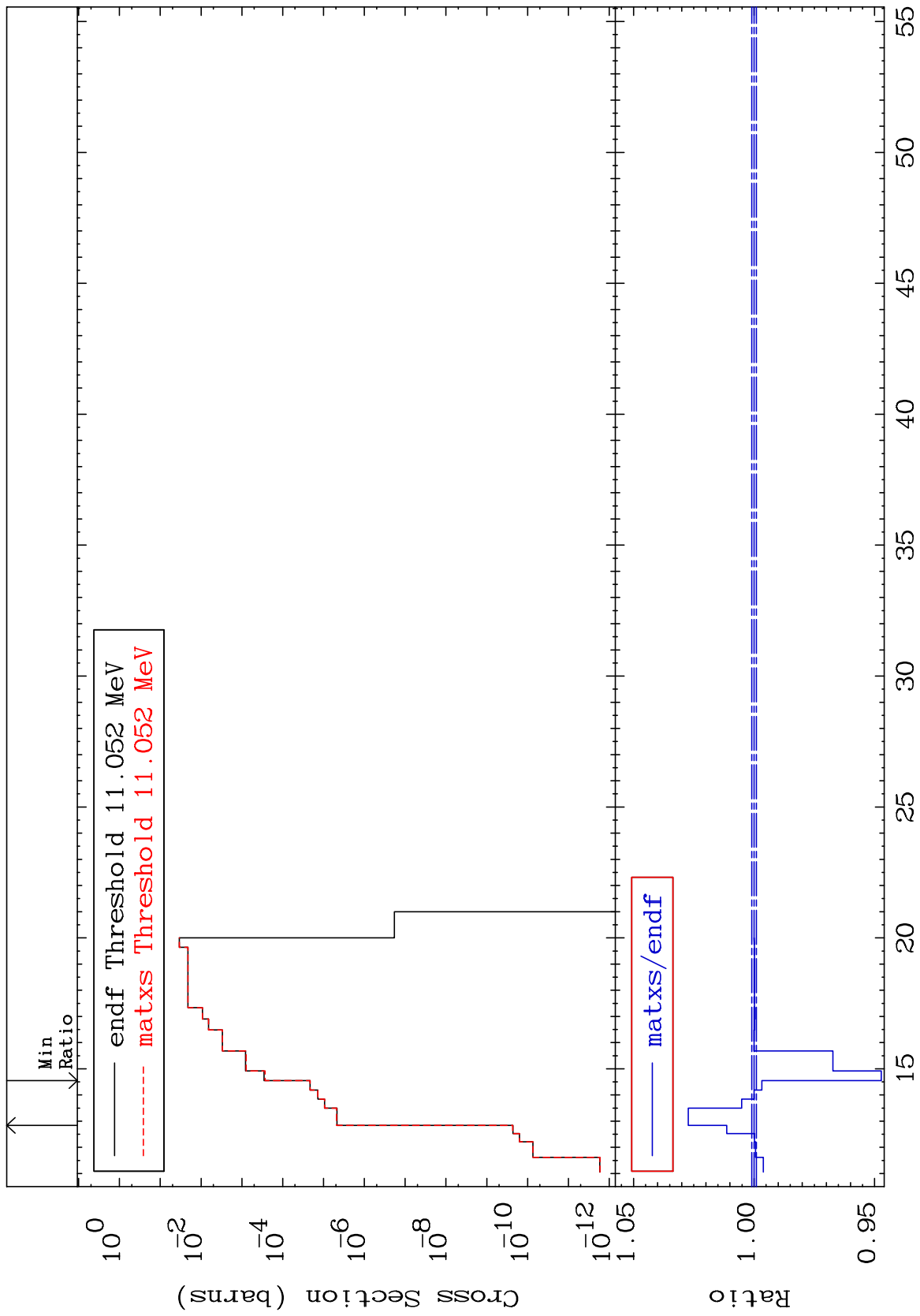
Incident Energy (MeV)

14-Si-29

MAT 1428

(n, n') α
Cross Section

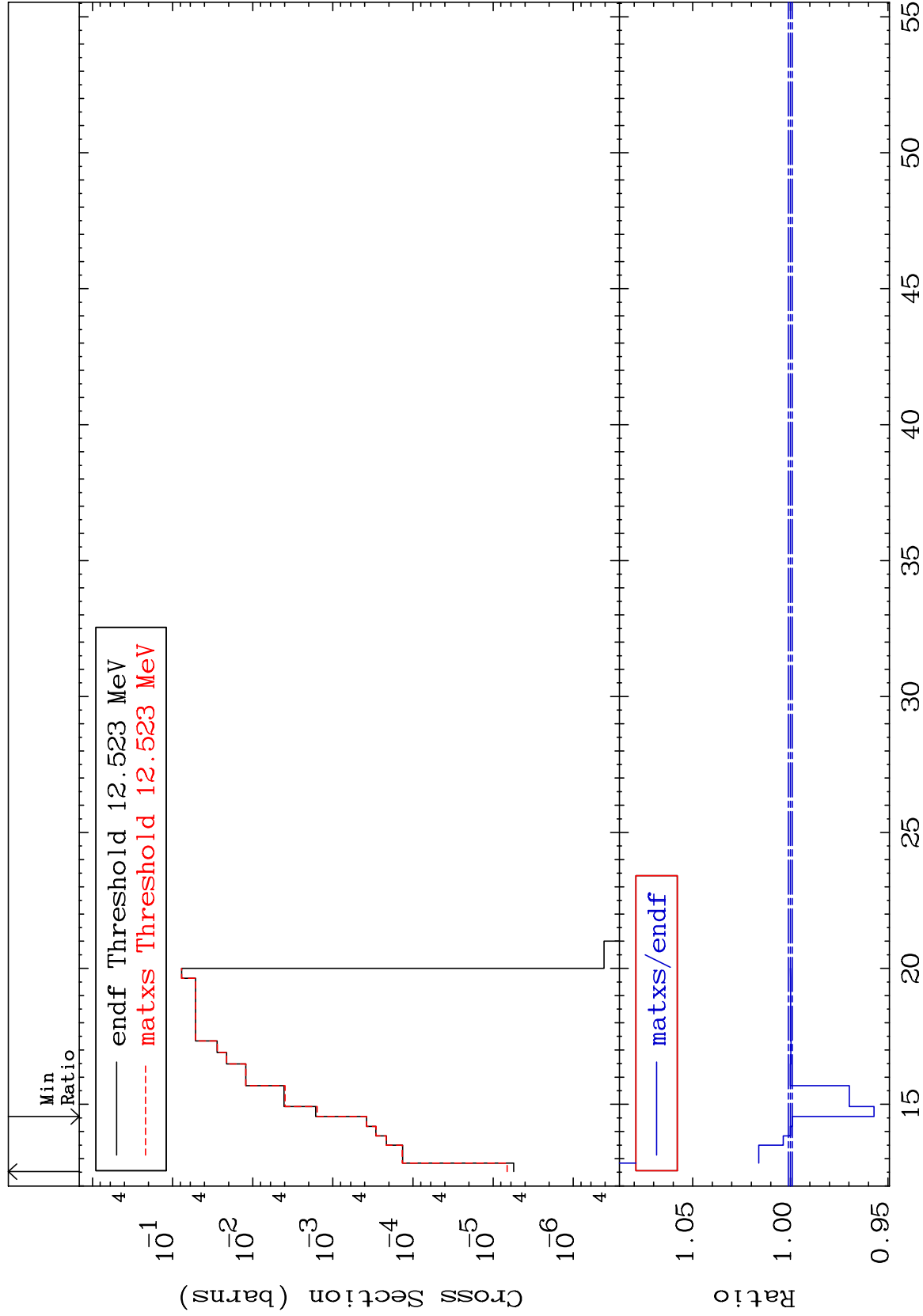
14-Si-29
-5.272 To 2.728 %



MAT 1428

(n, n') p
Cross Section

14-Si-29
-4.286 To 20.57 %



6

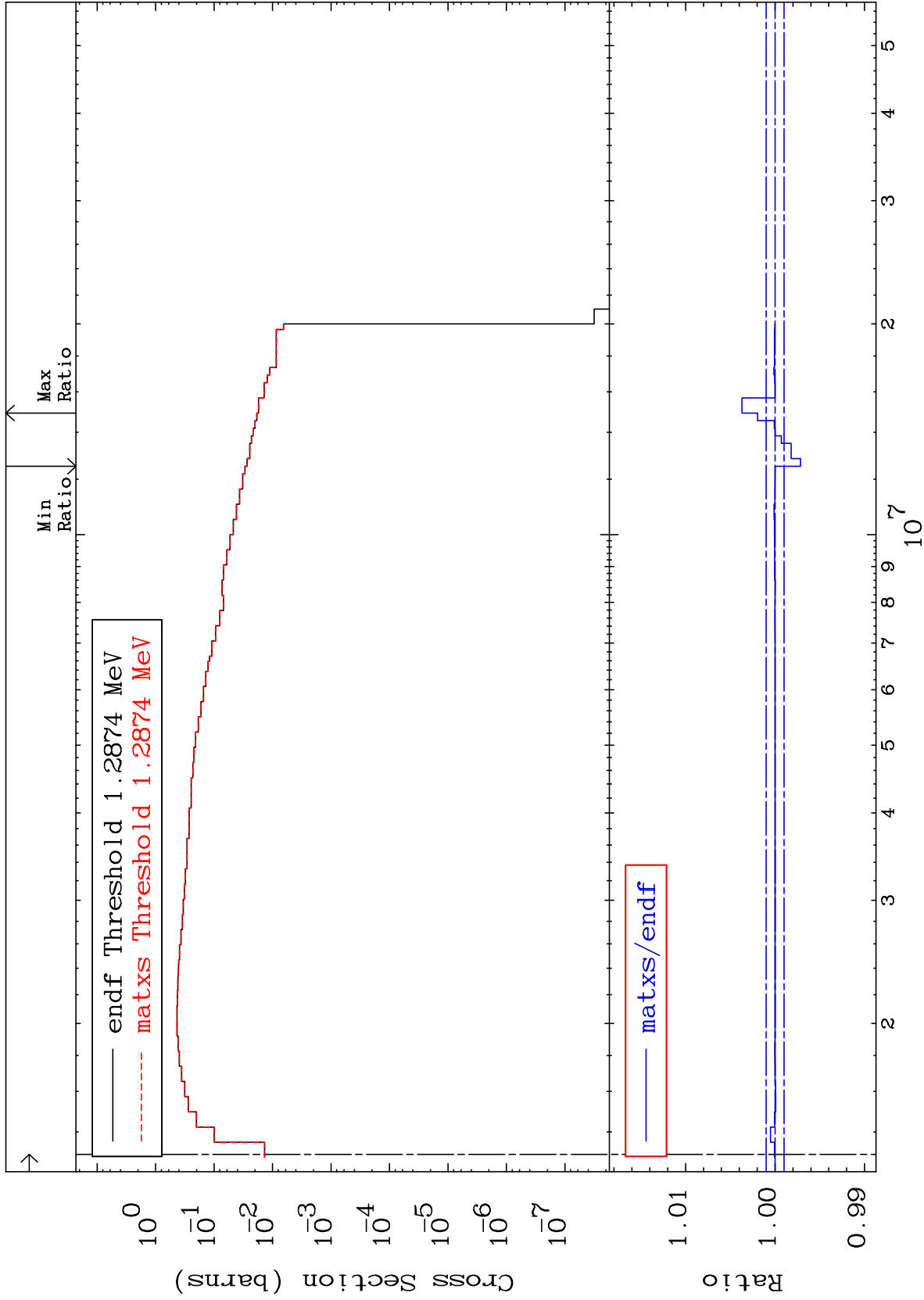
Incident Energy (MeV)

14-Si-29

MAT 1428

1.273 MeV (n,n') Level
Cross Section

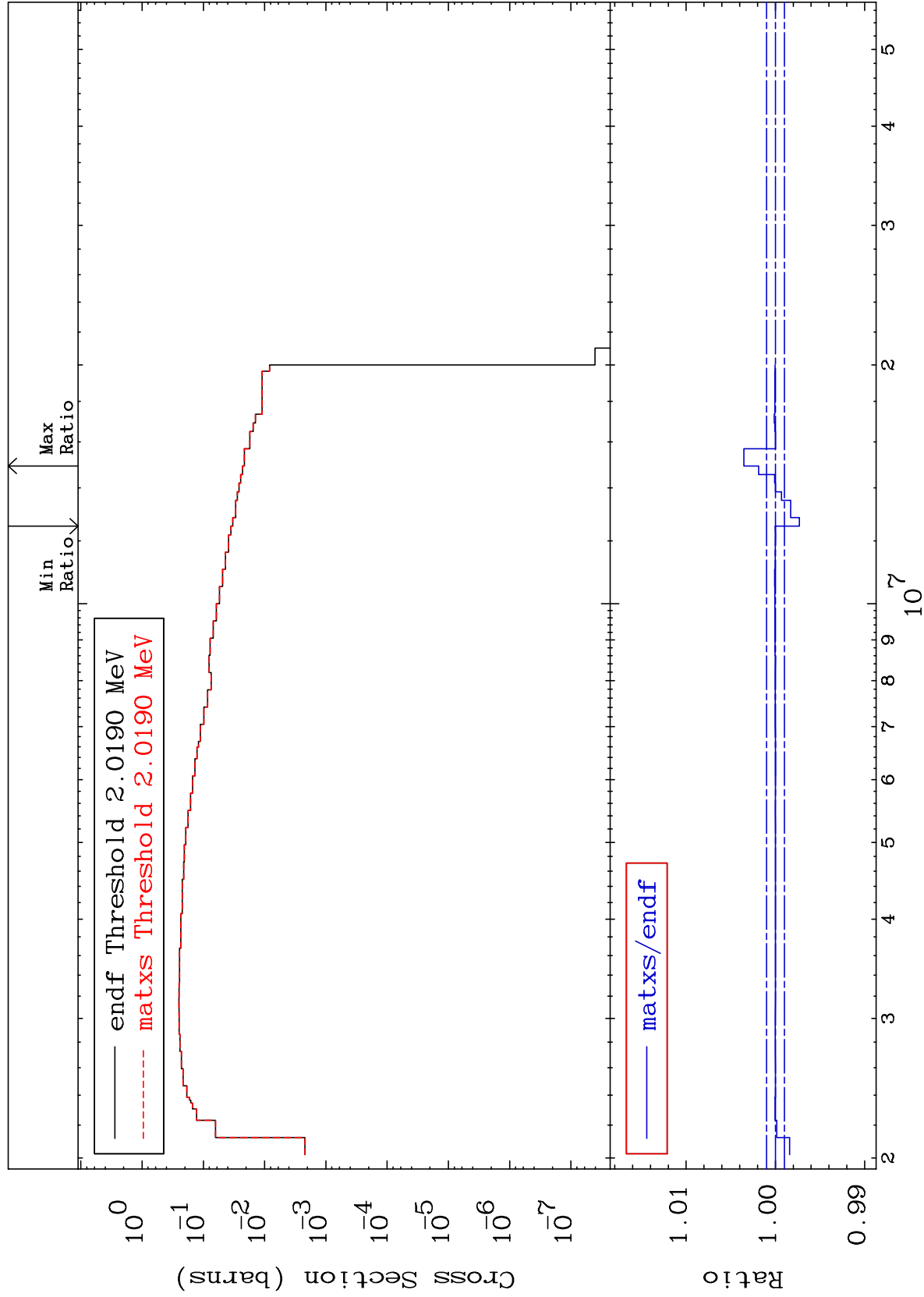
14-Si-29
-0.285 To 0.370 %



MAT 1428

2.028 MeV (n,n') Level
Cross Section

14-Si-29
-0.270 To 0.354 %



8

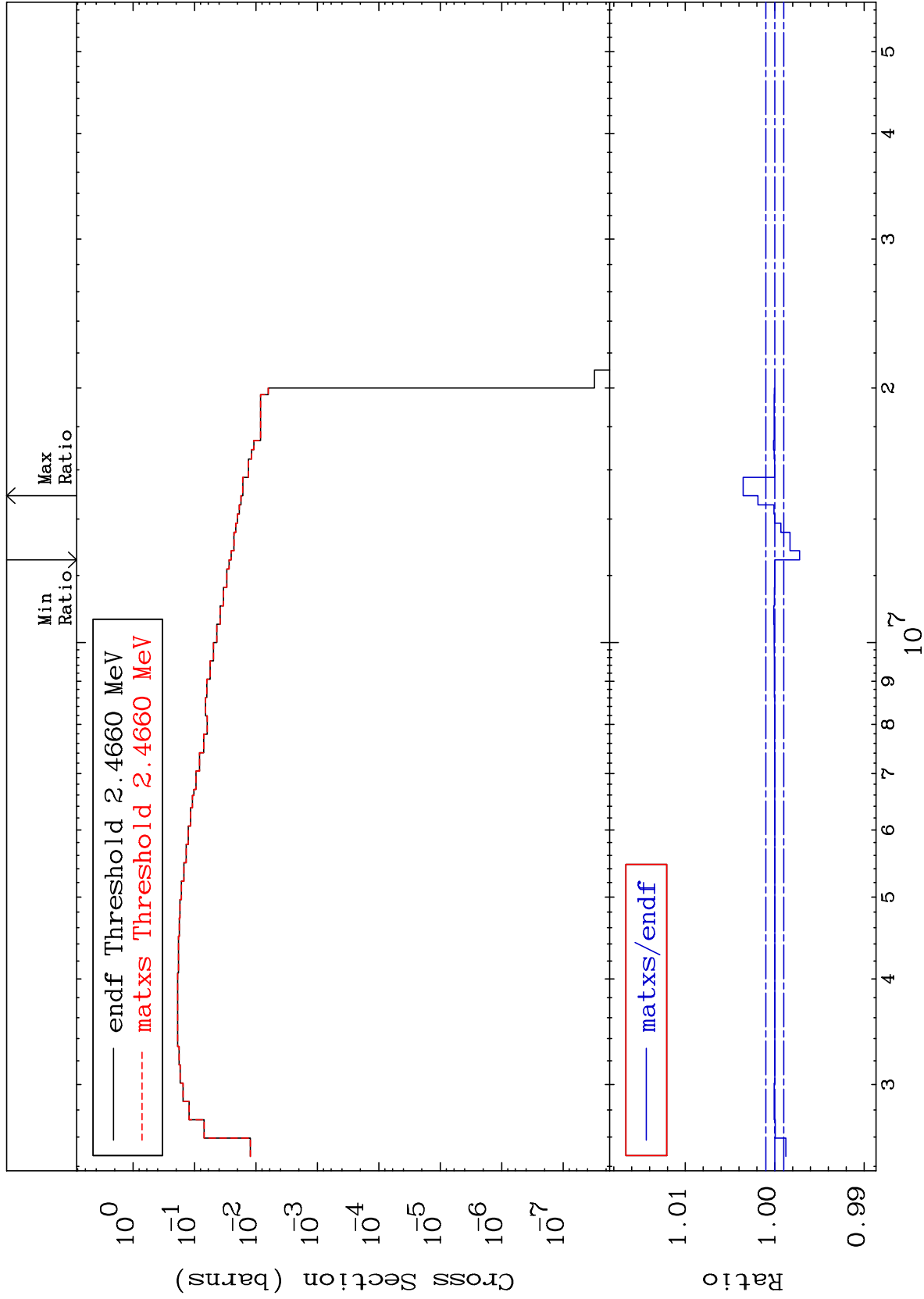
Incident Energy (eV)

14-Si-29

MAT 1428

2.426 MeV (n,n') Level
Cross Section

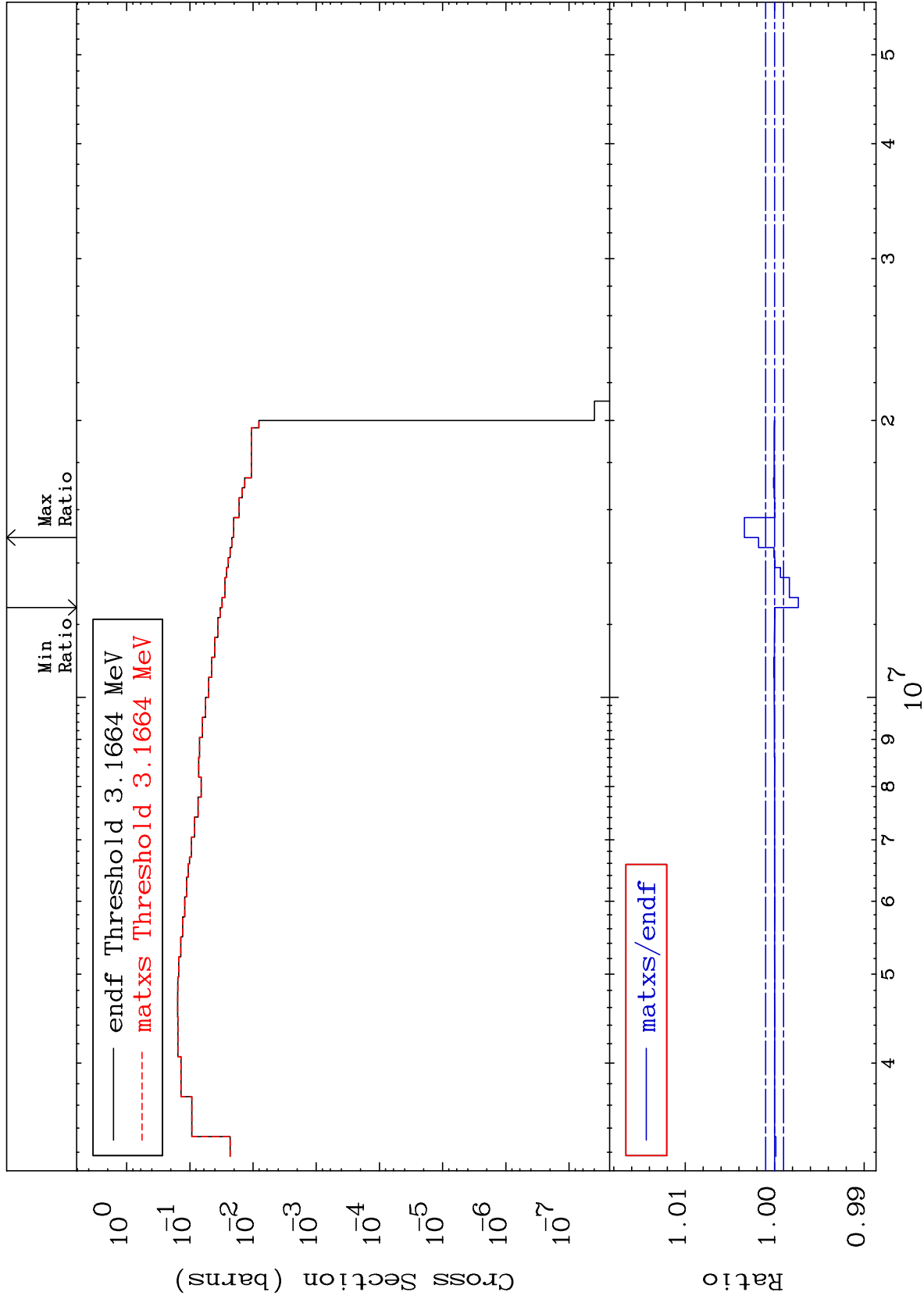
14-Si-29
-0.278 To 0.353 %



MAT 1428

3.067 MeV (n,n') Level
Cross Section

14-Si-29
-0.265 To 0.338 %



10

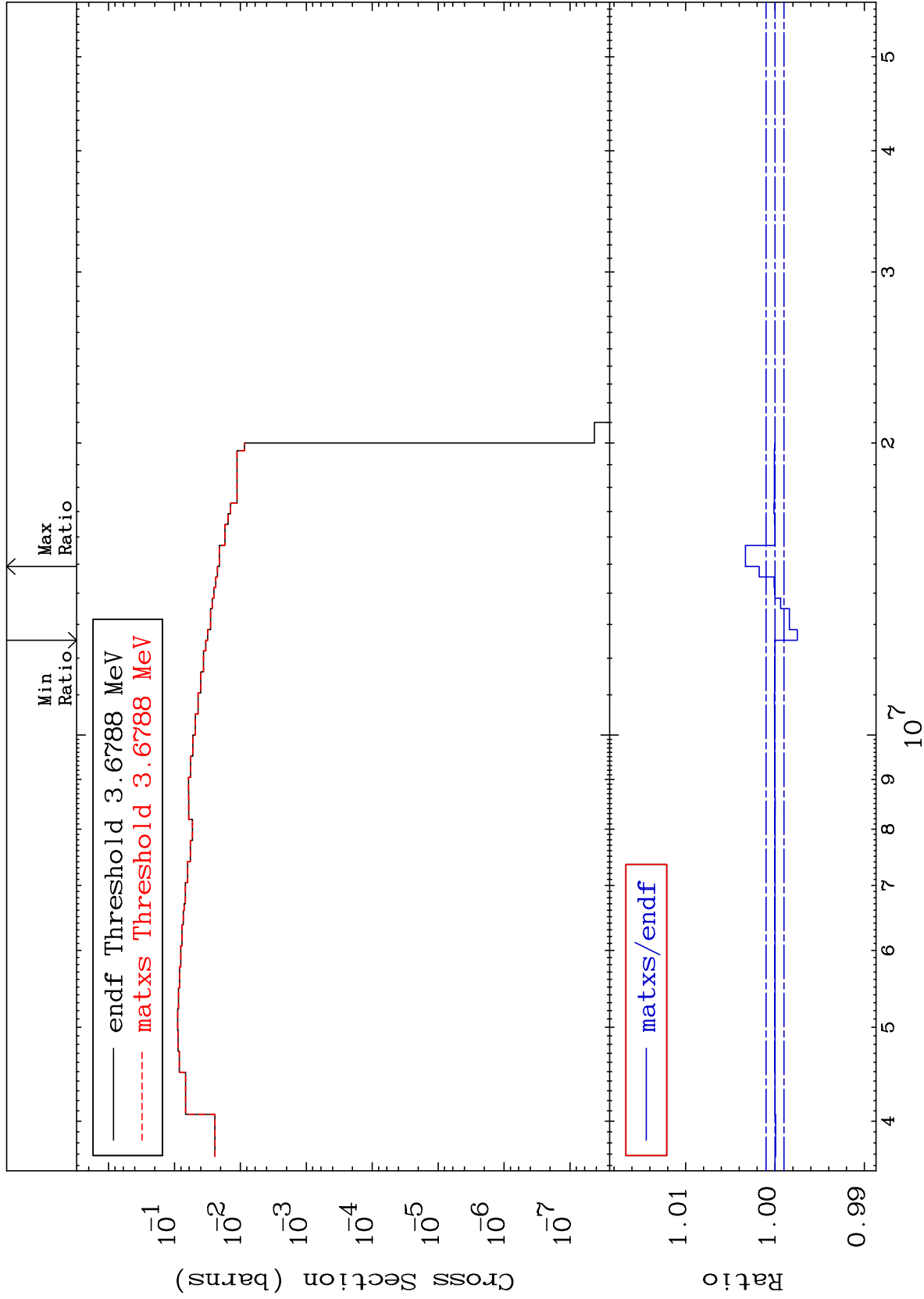
Incident Energy (eV)

14-Si-29

MAT 1428

3.623 MeV (n,n') Level
Cross Section

14-Si-29
-0.250 To 0.330 %



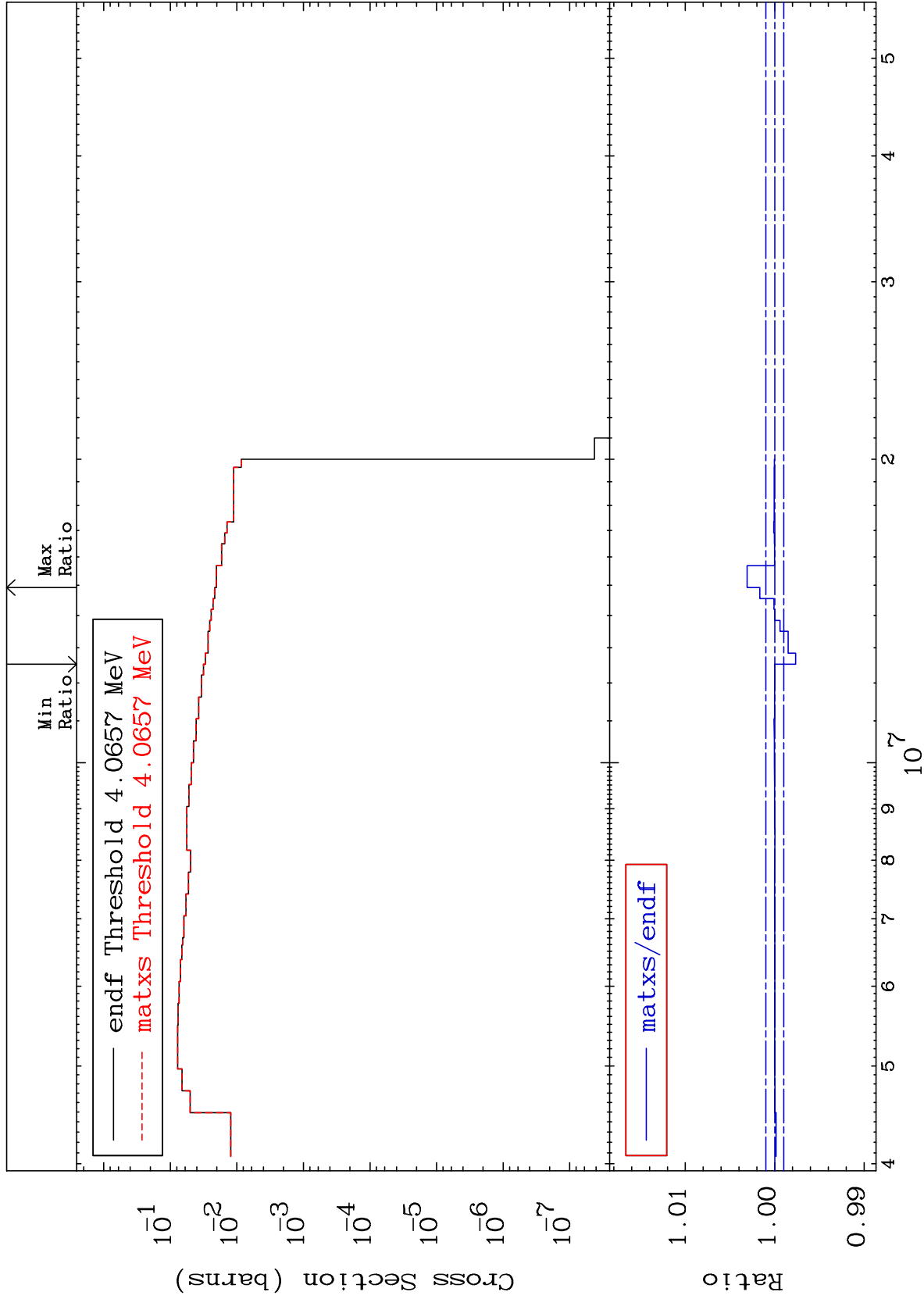
11

14-Si-29

MAT 1428

4.080 MeV (n,n') Level
Cross Section

14-Si-29
-0.235 To 0.309 %



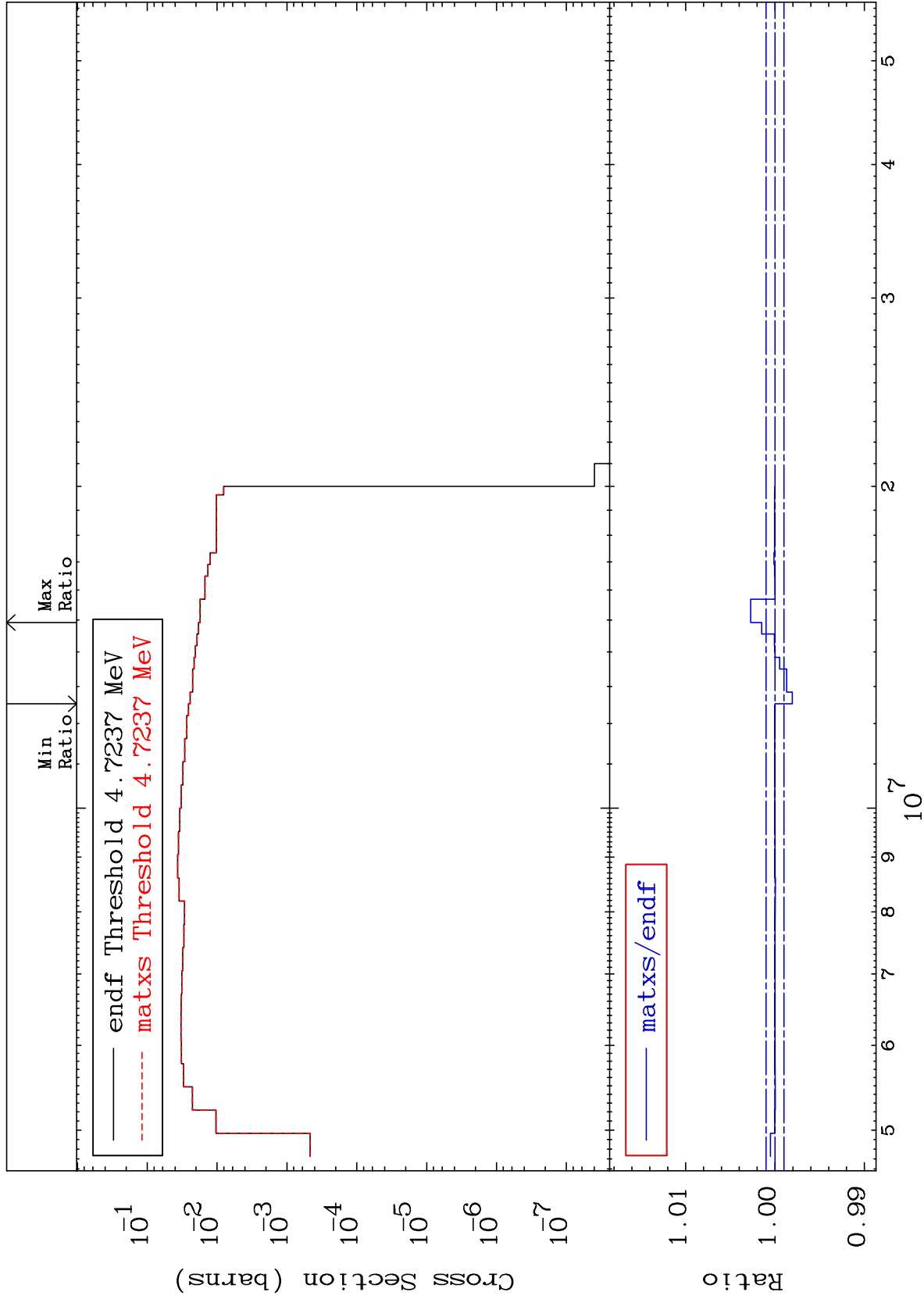
12

14-Si-29

MAT 1428

4.741 MeV (n,n') Level
Cross Section

14-Si-29
-0.192 To 0.274 %



13

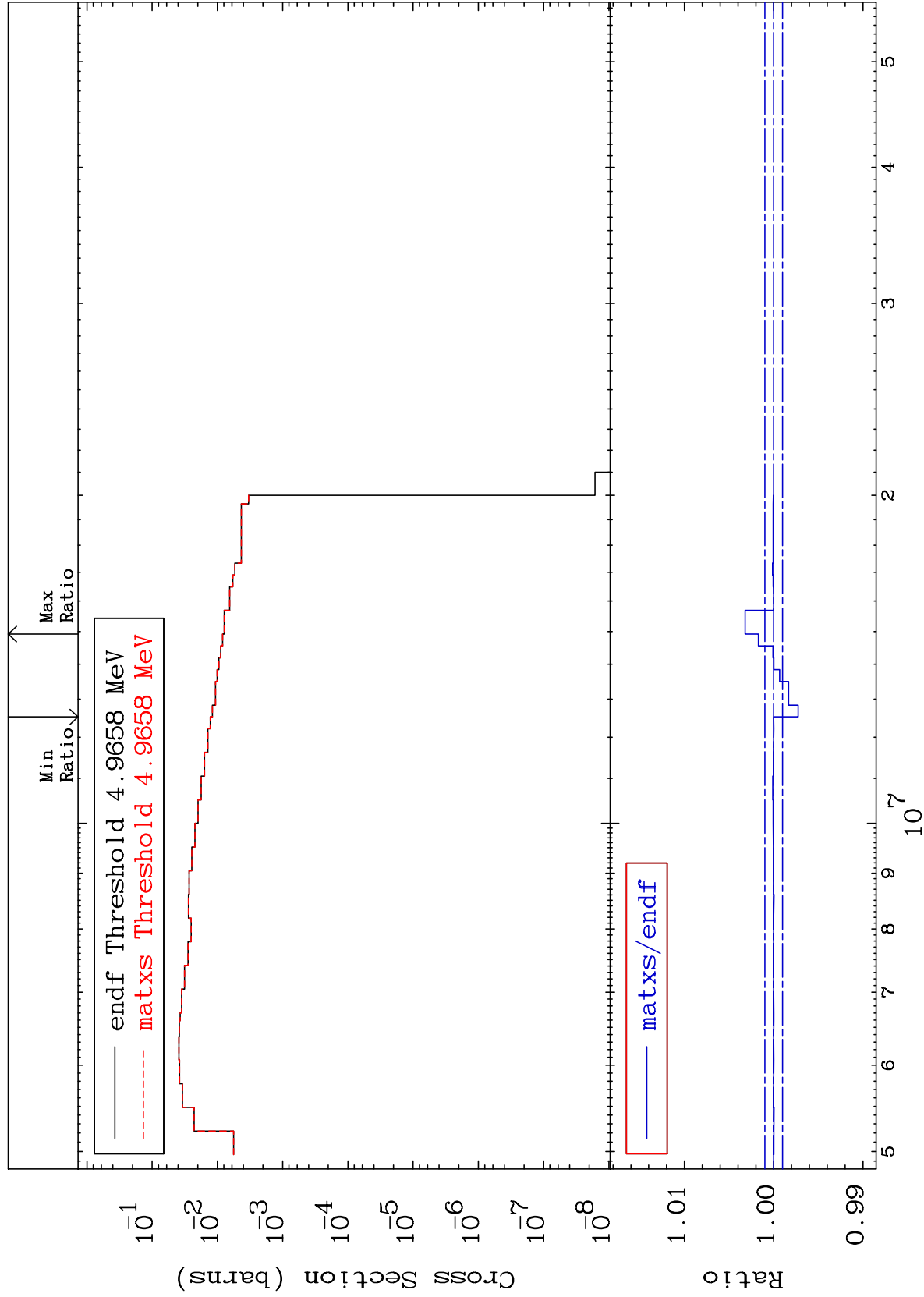
Incident Energy (eV)

14-Si-29

MAT 1428

4.840 MeV (n,n') Level
Cross Section

14-Si-29
-0.274 To 0.320 %



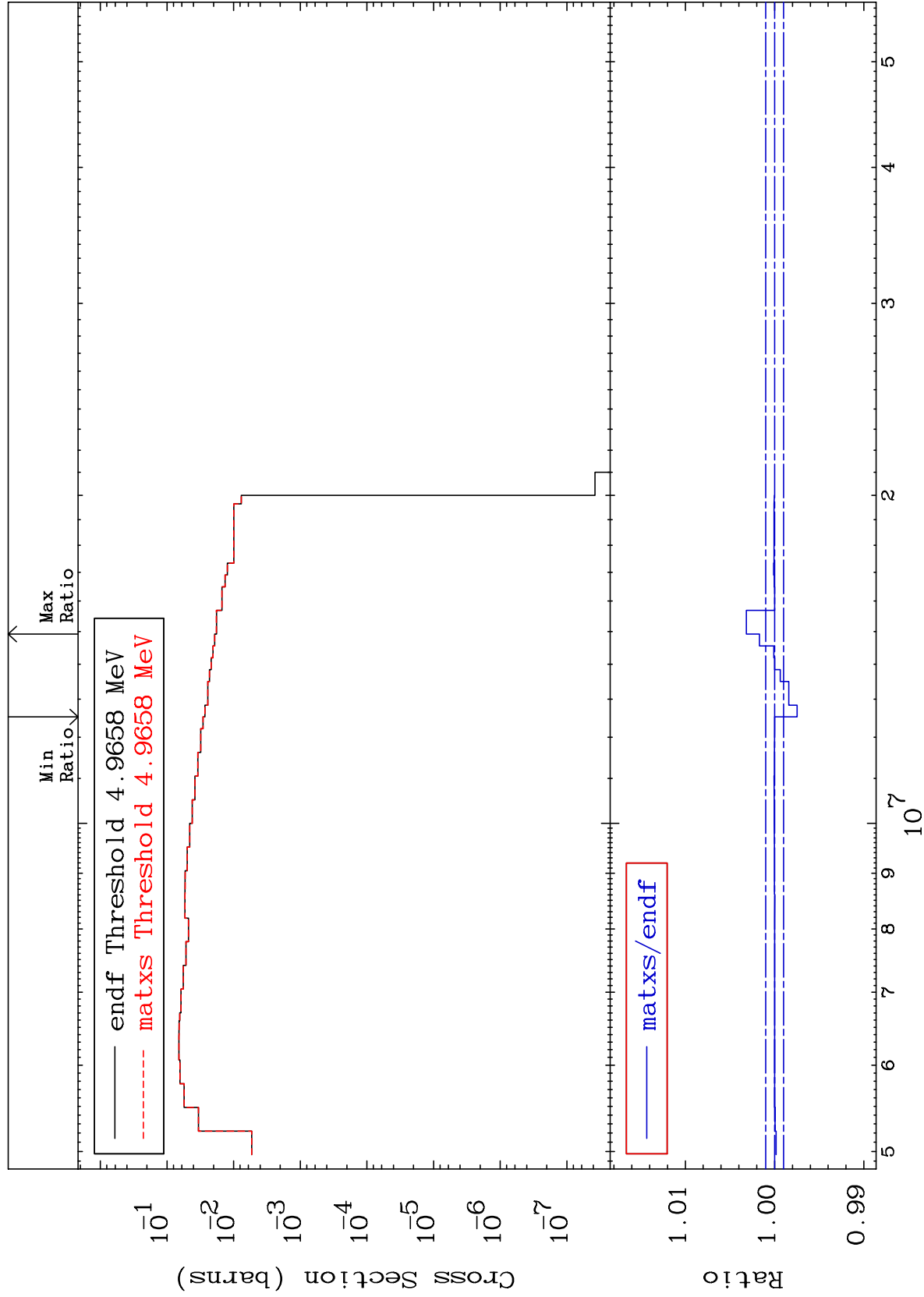
14

14-Si-29

MAT 1428

4.895 MeV (n,n') Level
Cross Section

14-Si-29
-0.251 To 0.317 %



15

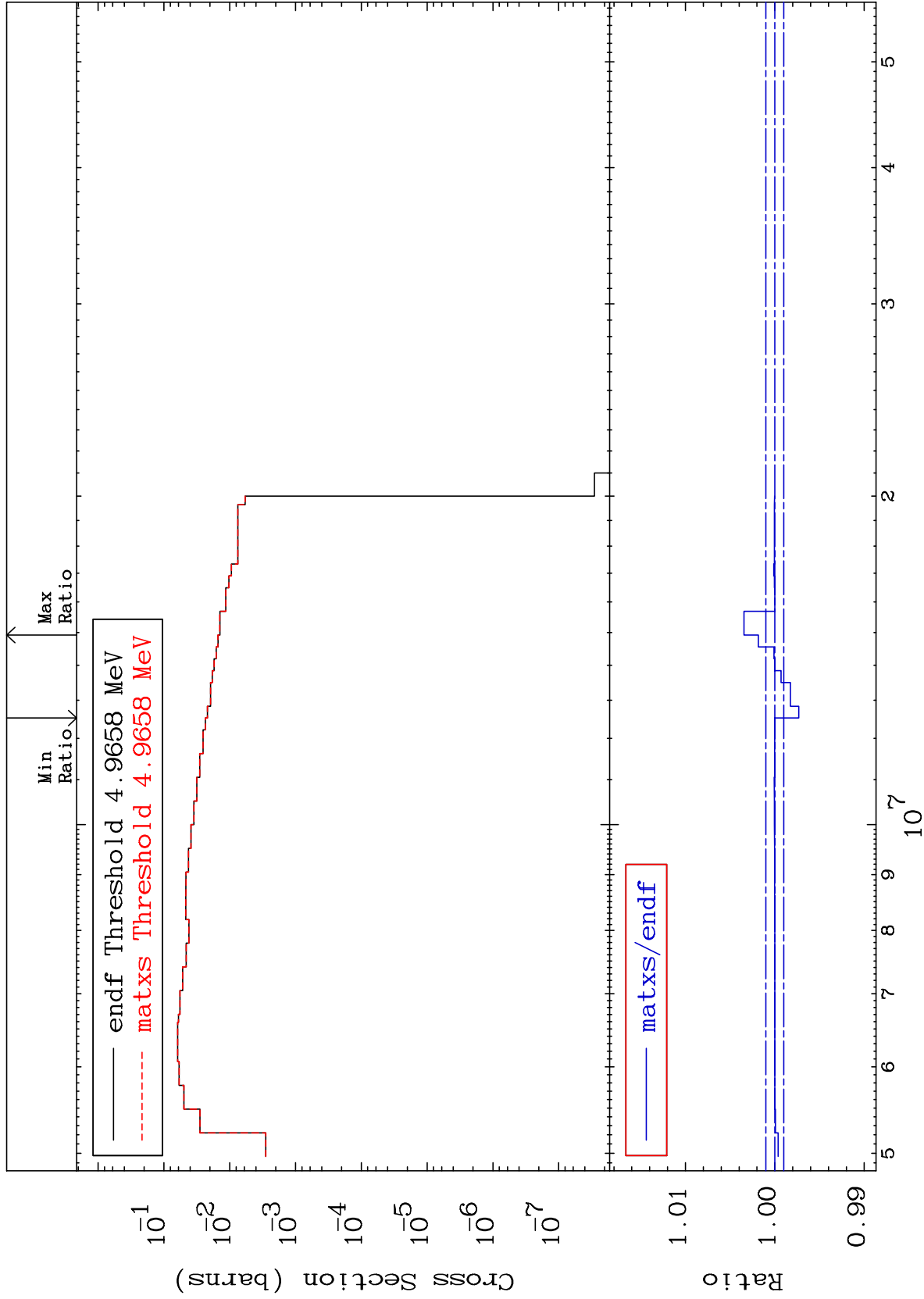
Incident Energy (eV)

14-Si-29

MAT 1428

4.934 MeV (n,n') Level
Cross Section

14-Si-29
-0.268 To 0.346 %



16

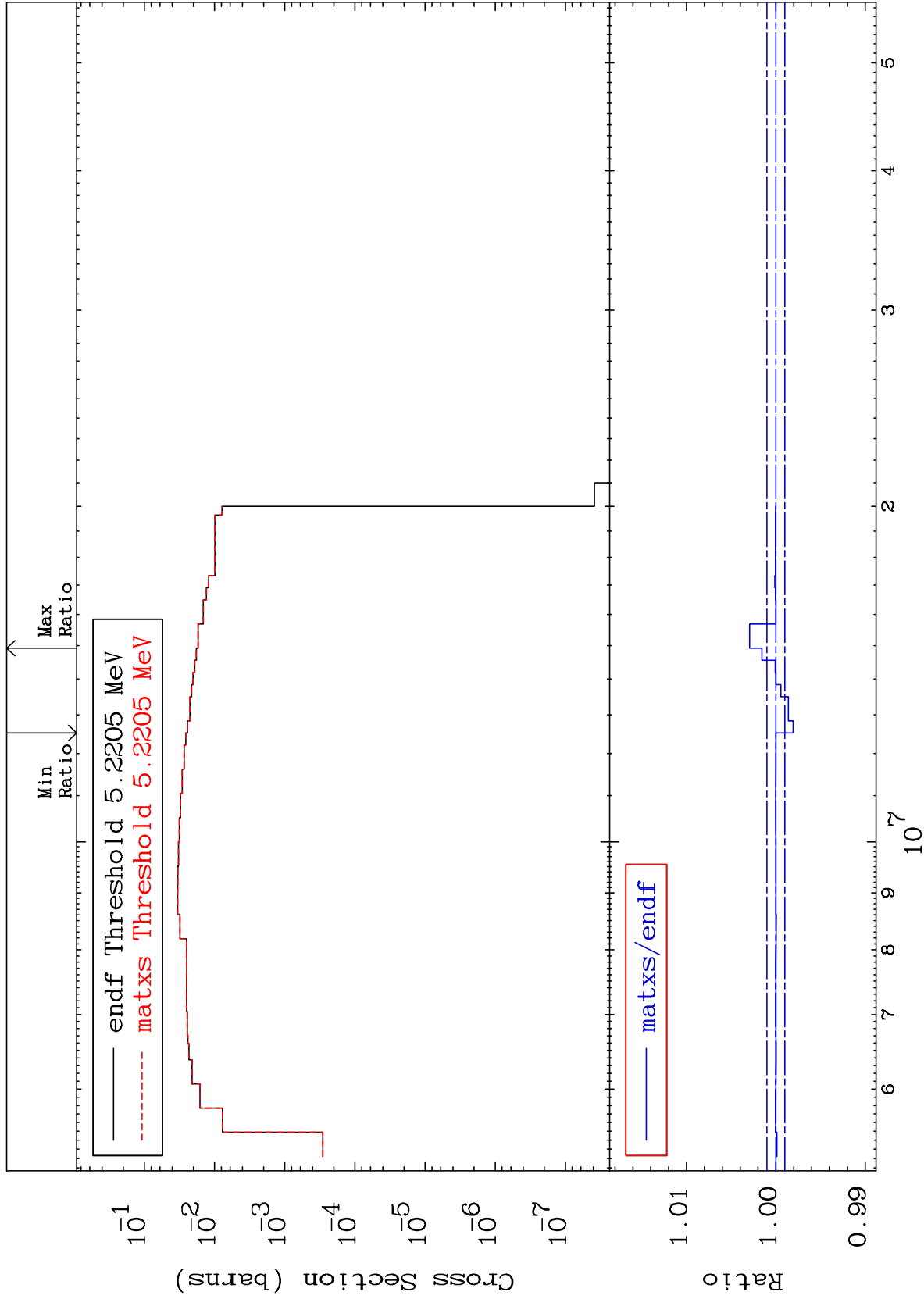
Incident Energy (eV)

14-Si-29

MAT 1428

5.255 MeV (n,n') Level
Cross Section

14-Si-29
-0.192 To 0.293 %



17

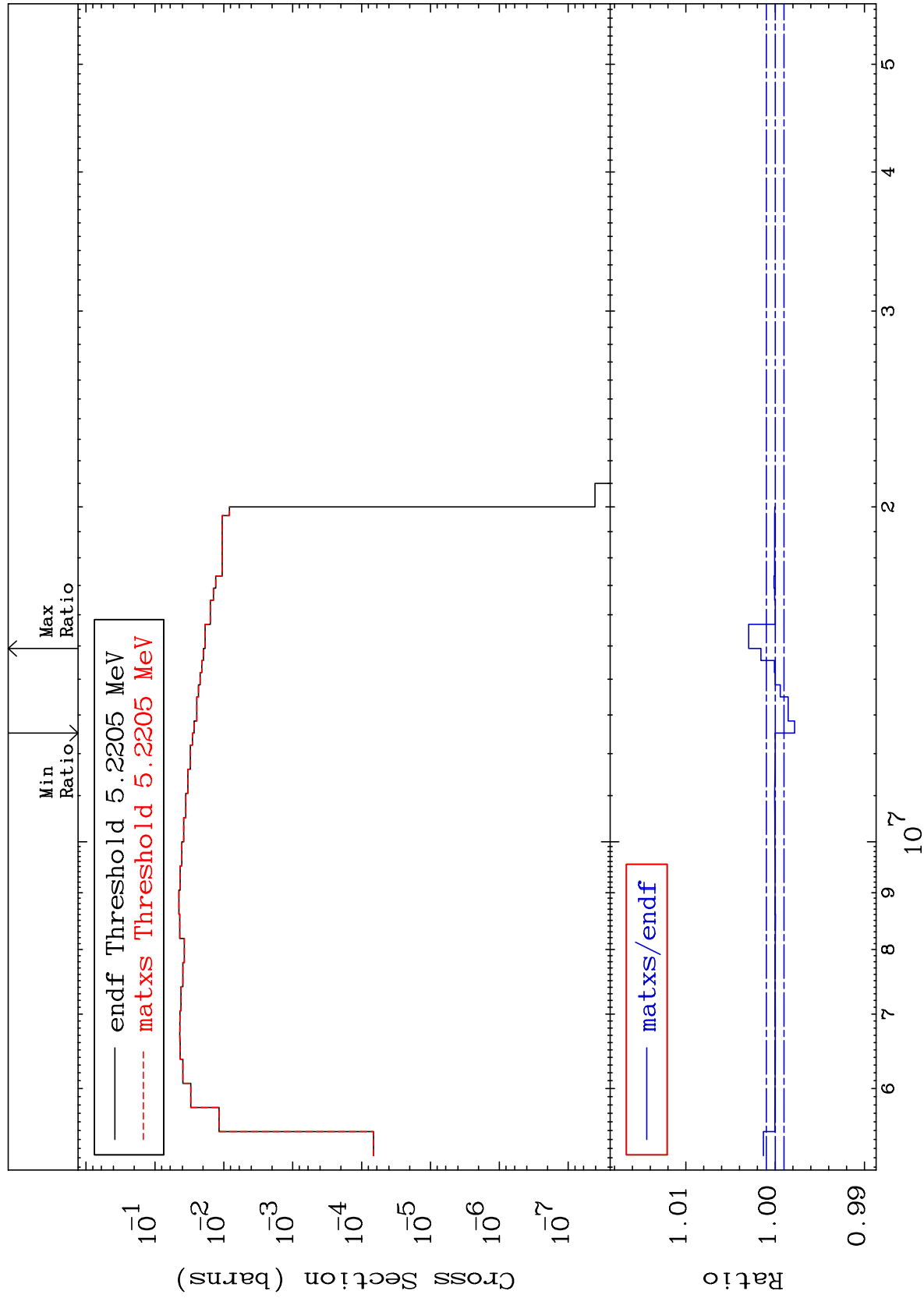
Incident Energy (eV)

14-Si-29

MAT 1428

5.286 MeV (n,n') Level
Cross Section

14-Si-29
-0.219 To 0.298 %



18

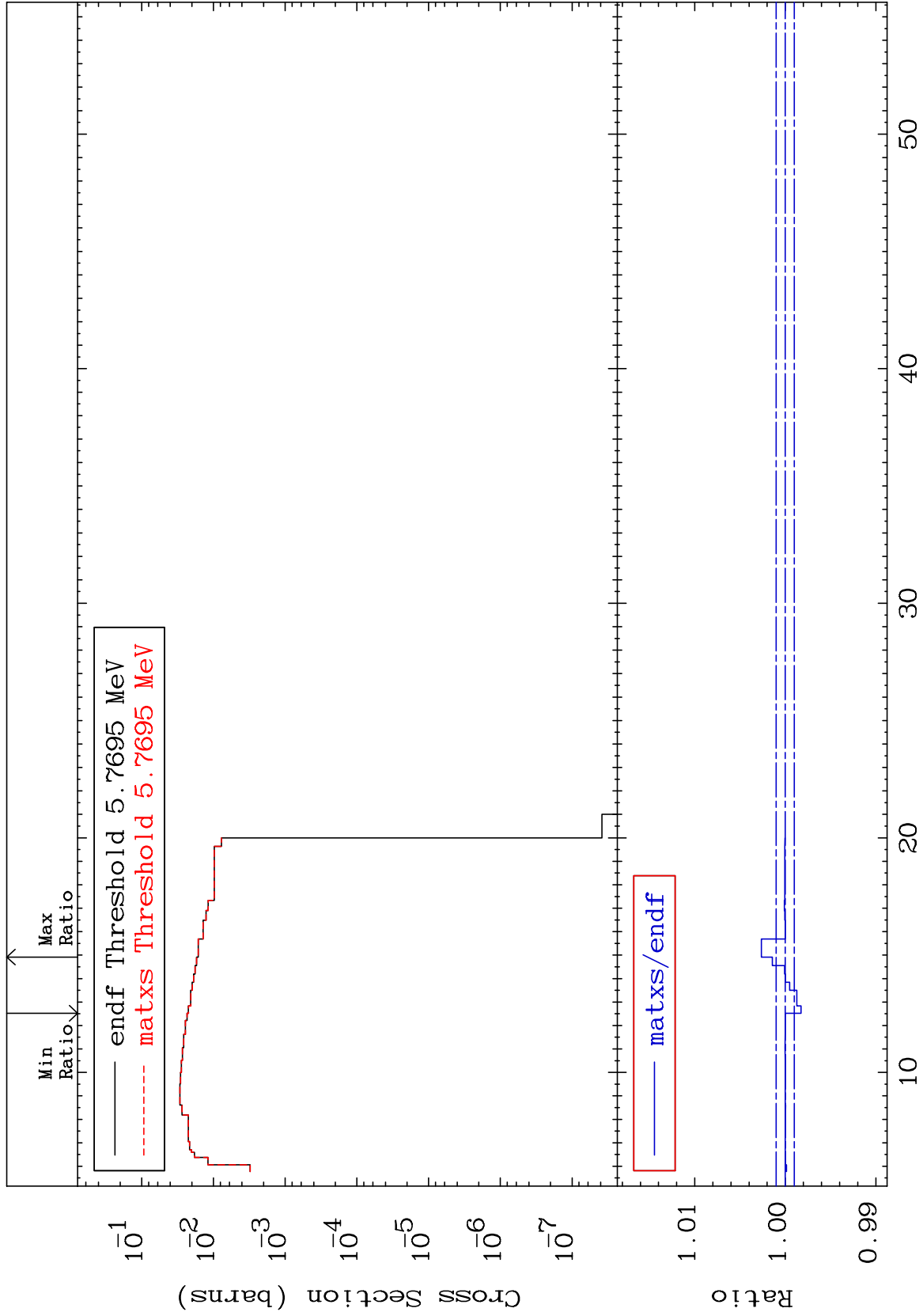
Incident Energy (eV)

14-Si-29

MAT 1428

5.652 MeV (n,n') Level
Cross Section

14-Si-29
-0.173 To 0.265 %



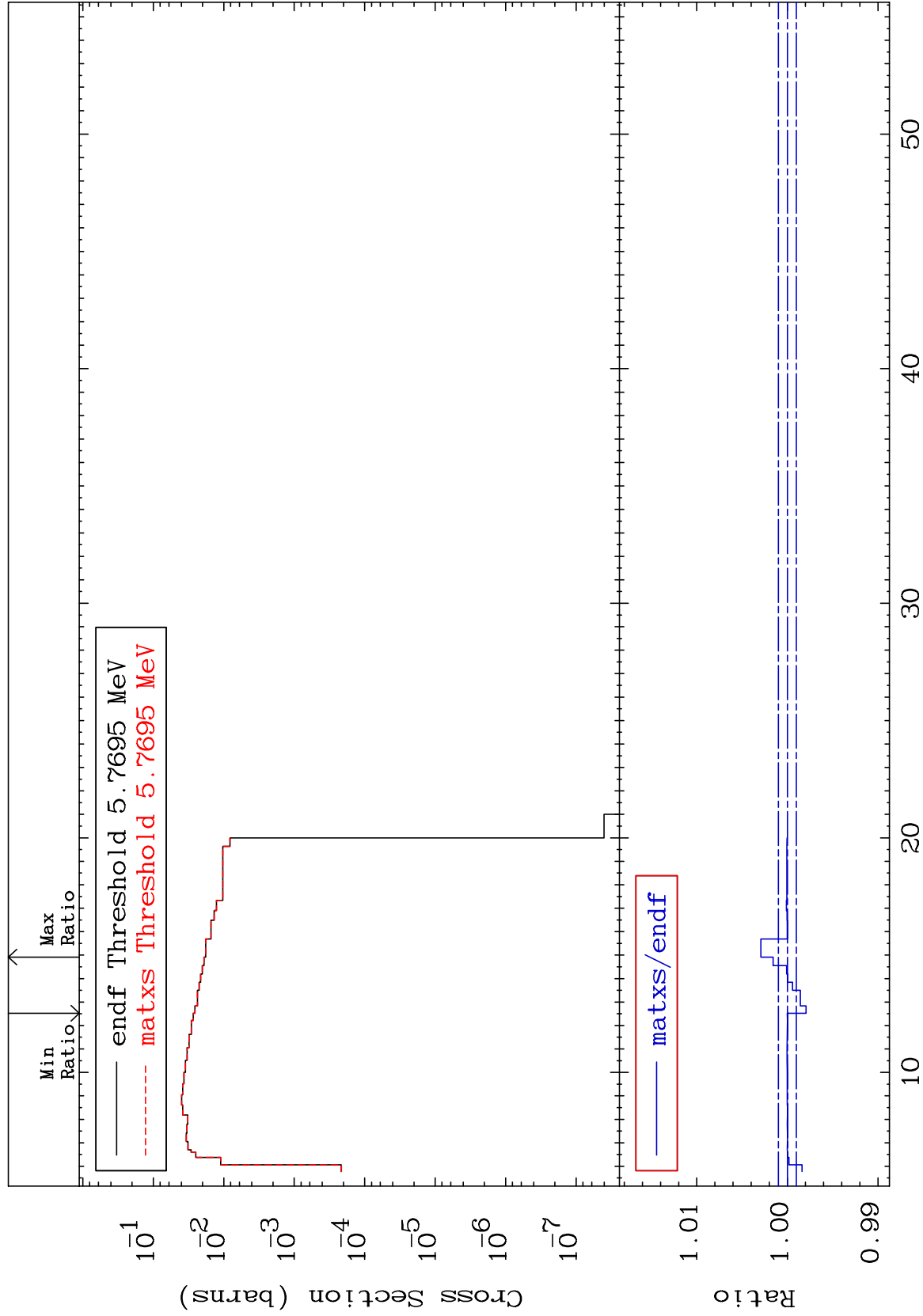
19

14-Si-29

MAT 1428

5.813 MeV (n,n') Level
Cross Section

14-Si-29
-0.205 To 0.293 %



20

Incident Energy (MeV)

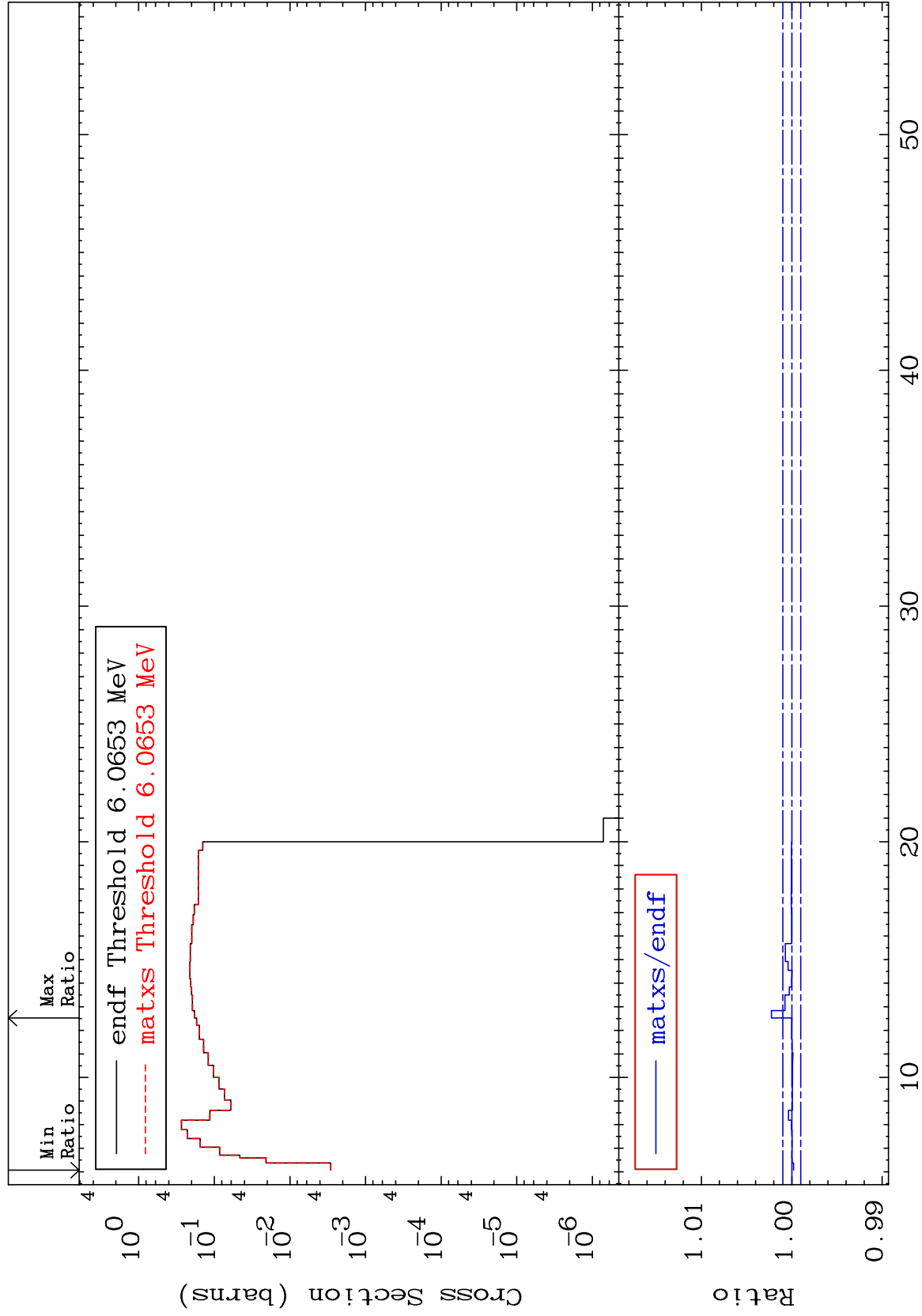
50

14-Si-29

MAT 1428

(n,n') Continuum
Cross Section

14-Si-29
-0.019 To 0.224 %



21

Incident Energy (MeV)

14-Si-29

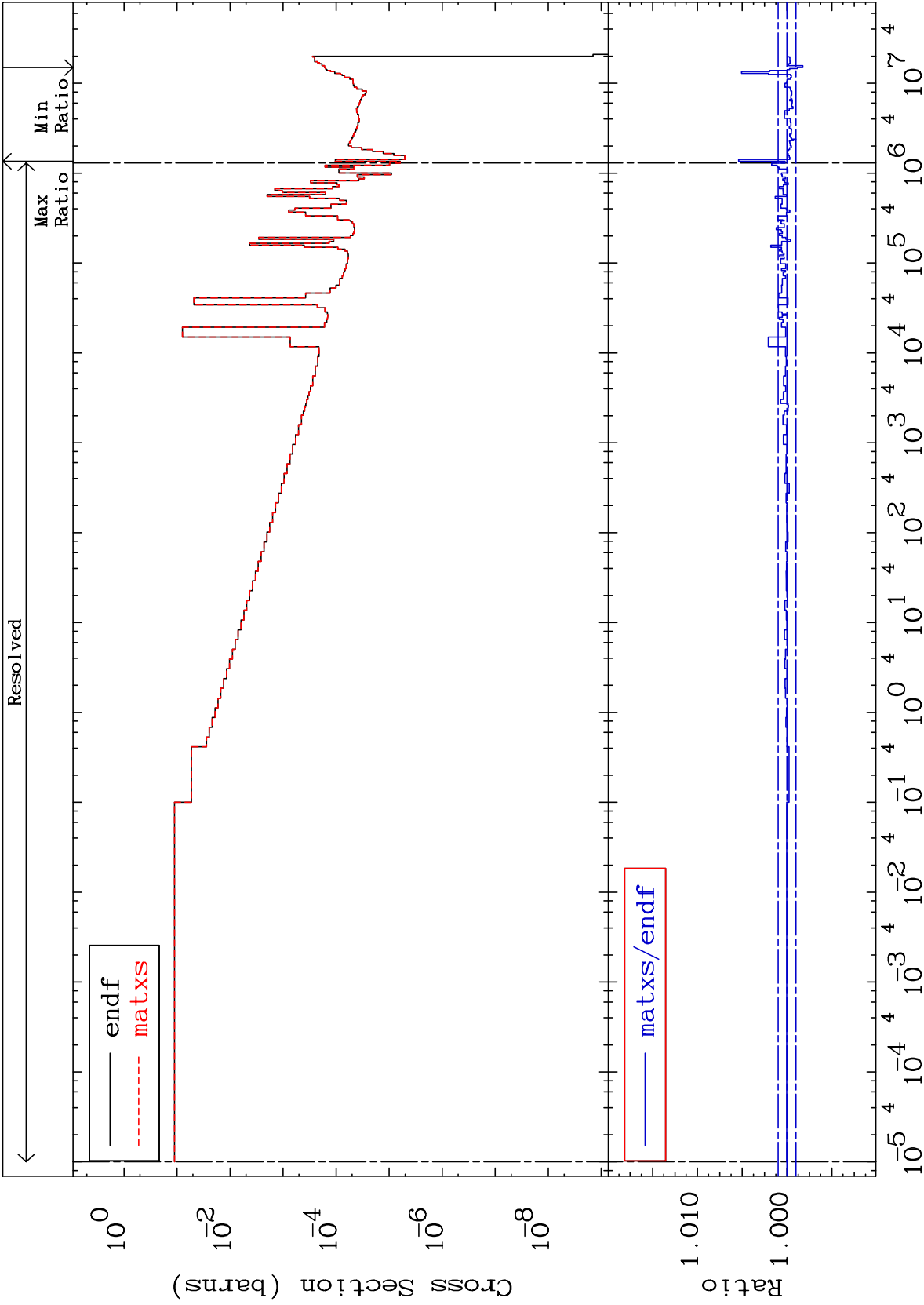
MAT 1428

(n, γ)

14-Si-29

Cross Section

-0.177 To 0.540 %



22

14-Si-29

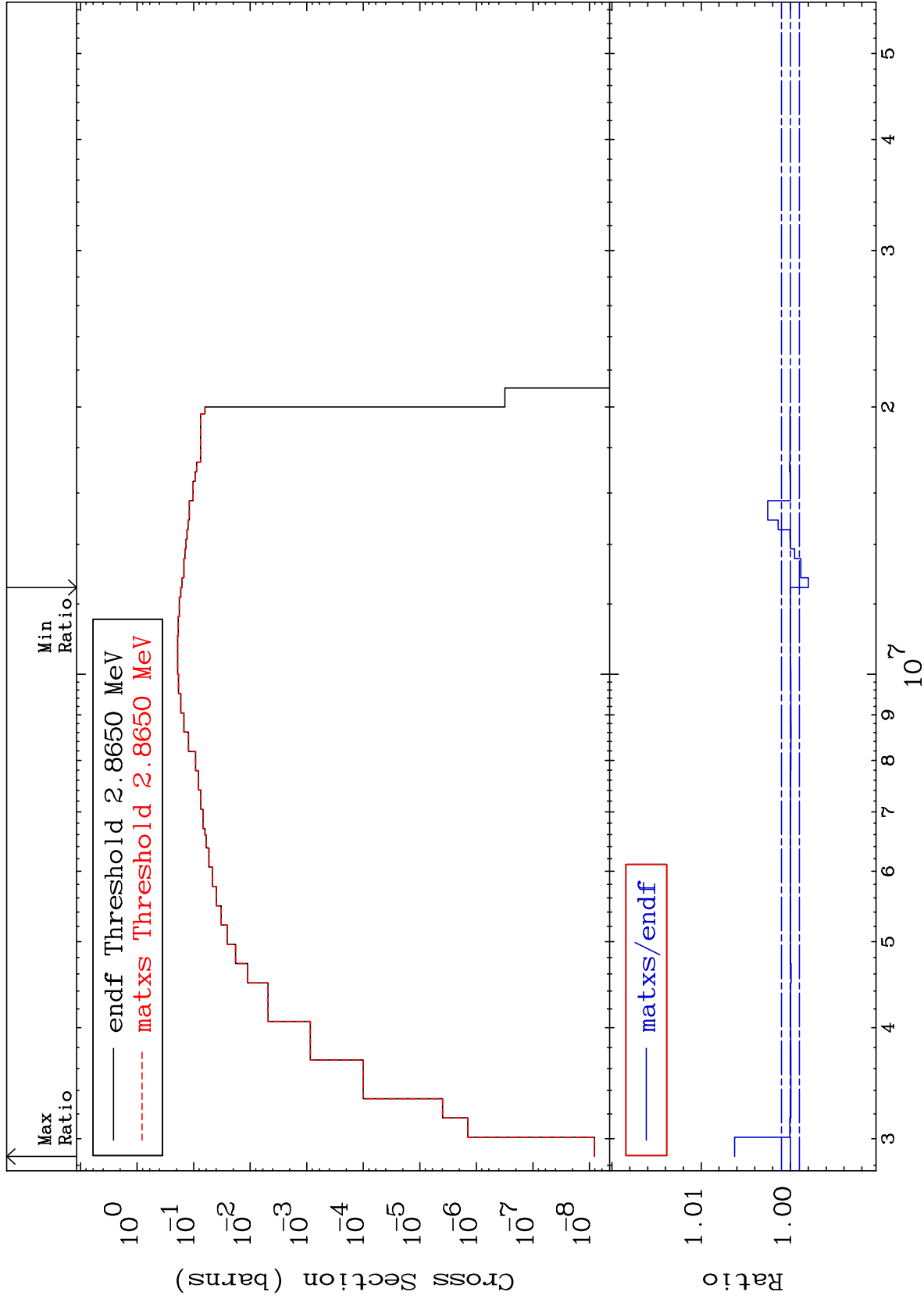
MAT 1428

(n,p)

14-Si-29

Cross Section

-0.199 To 0.627 %



Max Ratio

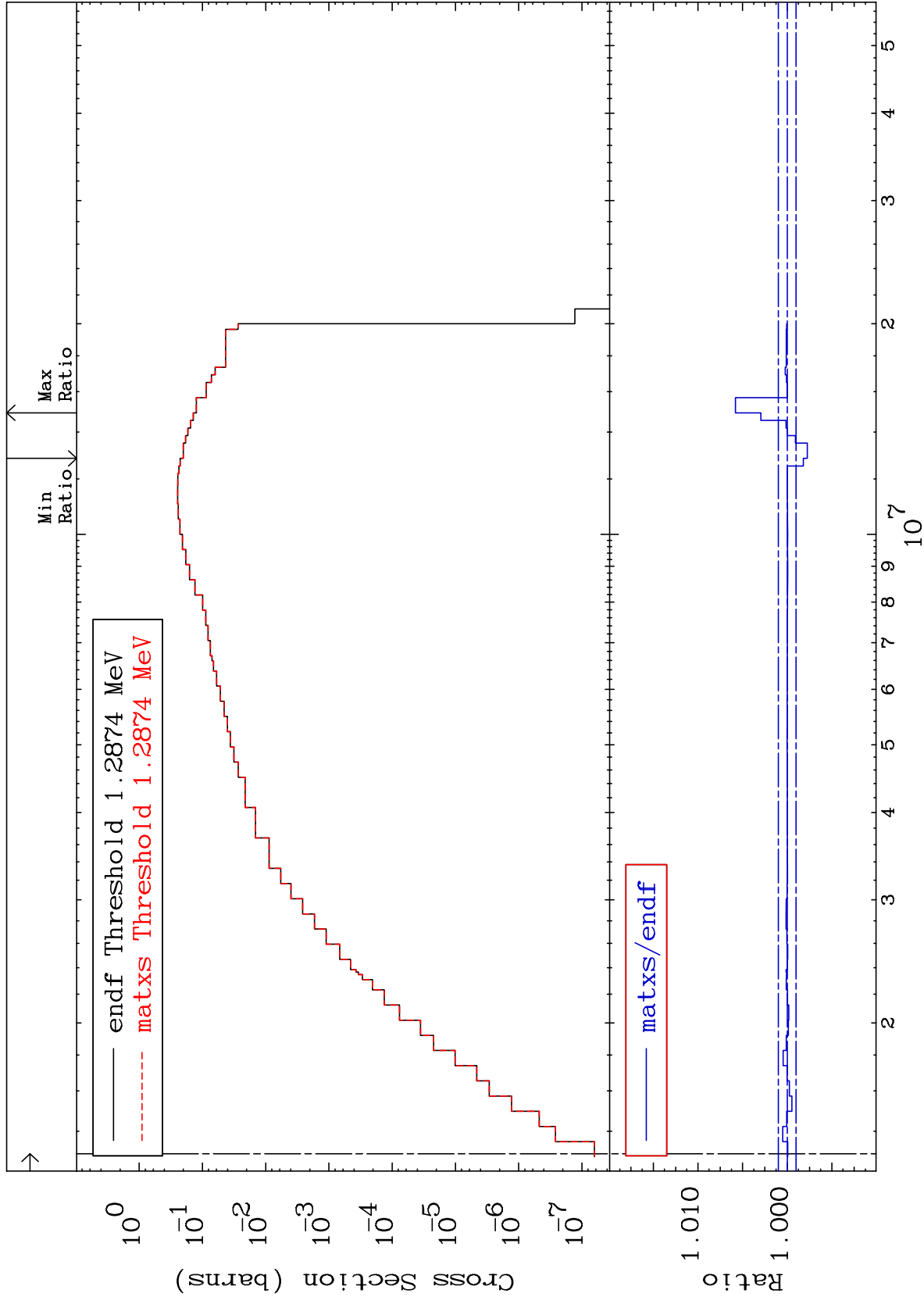
Min Ratio

— endf Threshold 2.8650 MeV
- - - matxs Threshold 2.8650 MeV

— matxs/endf

MAT 1428

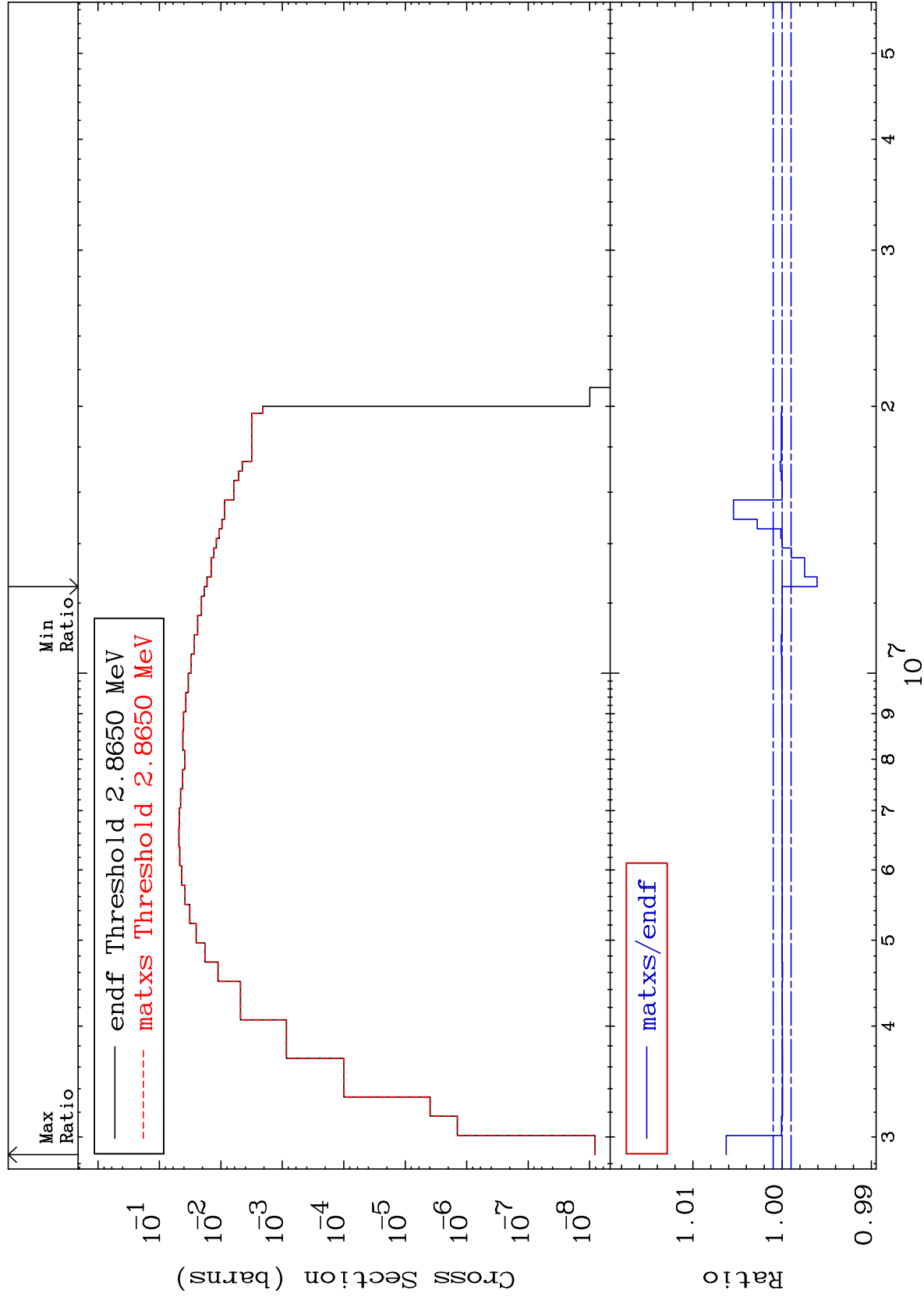
(n, α)
Cross Section
14-Si-29
-0.225 To 0.580 %



MAT 1428

(n, p') Ground
Cross Section

14-Si-29
-0.392 To 0.627 %



25

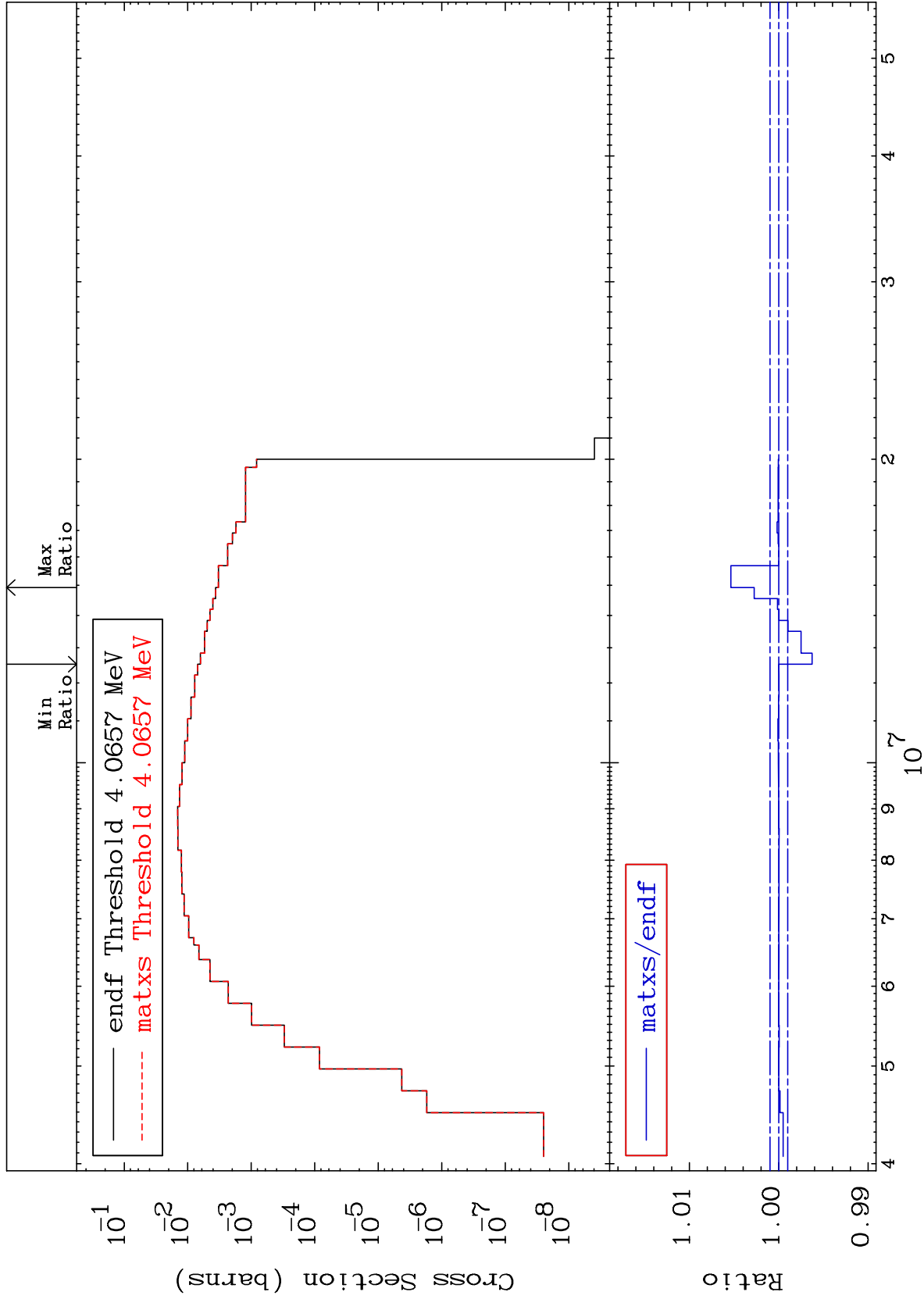
Incident Energy (eV)

14-Si-29

MAT 1428

1.398 MeV (n,p') Level
Cross Section

14-Si-29
-0.371 To 0.538 %



26

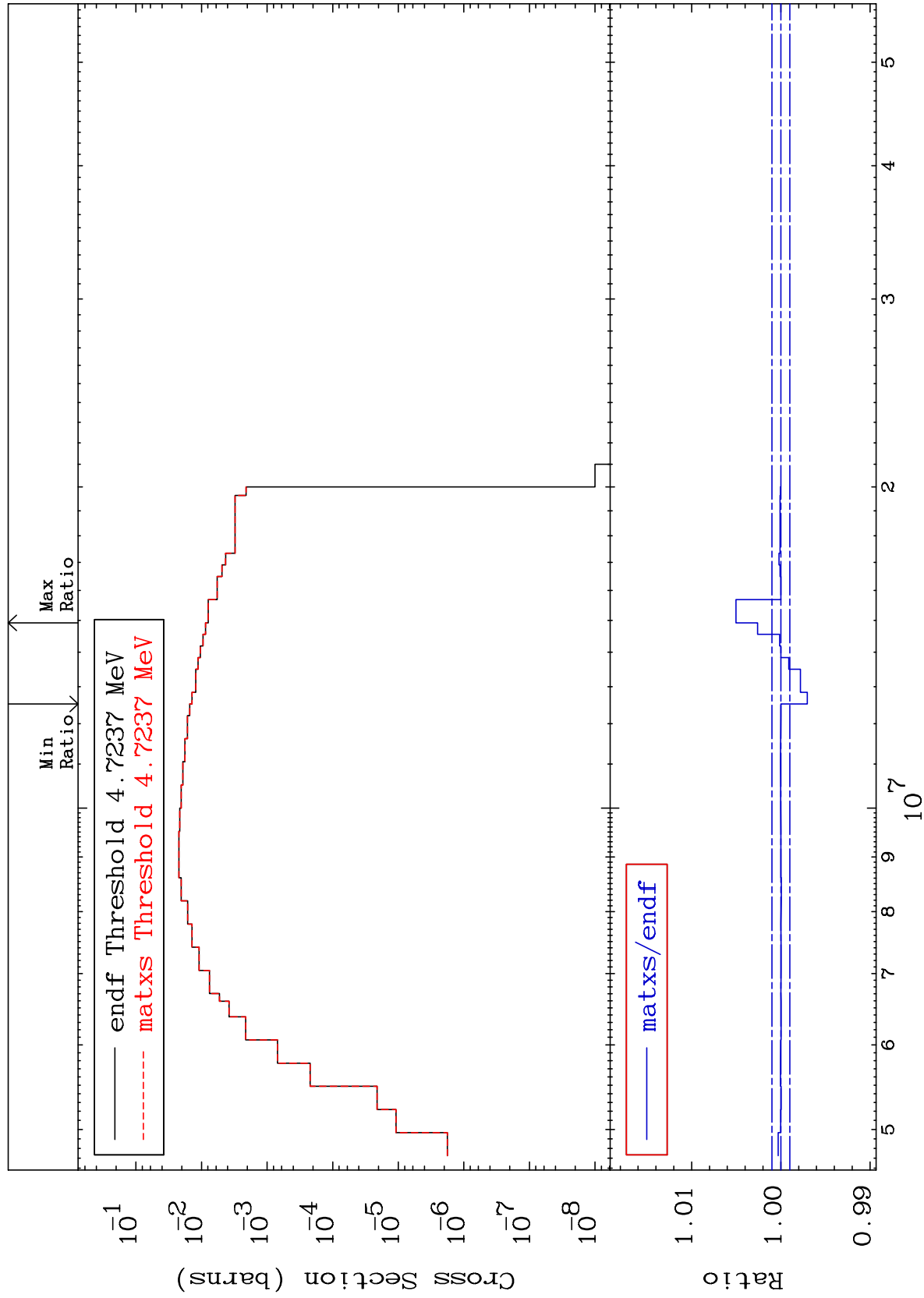
Incident Energy (eV)

14-Si-29

MAT 1428

1.754 MeV (n,p') Level
Cross Section

14-Si-29
-0.297 To 0.503 %



27

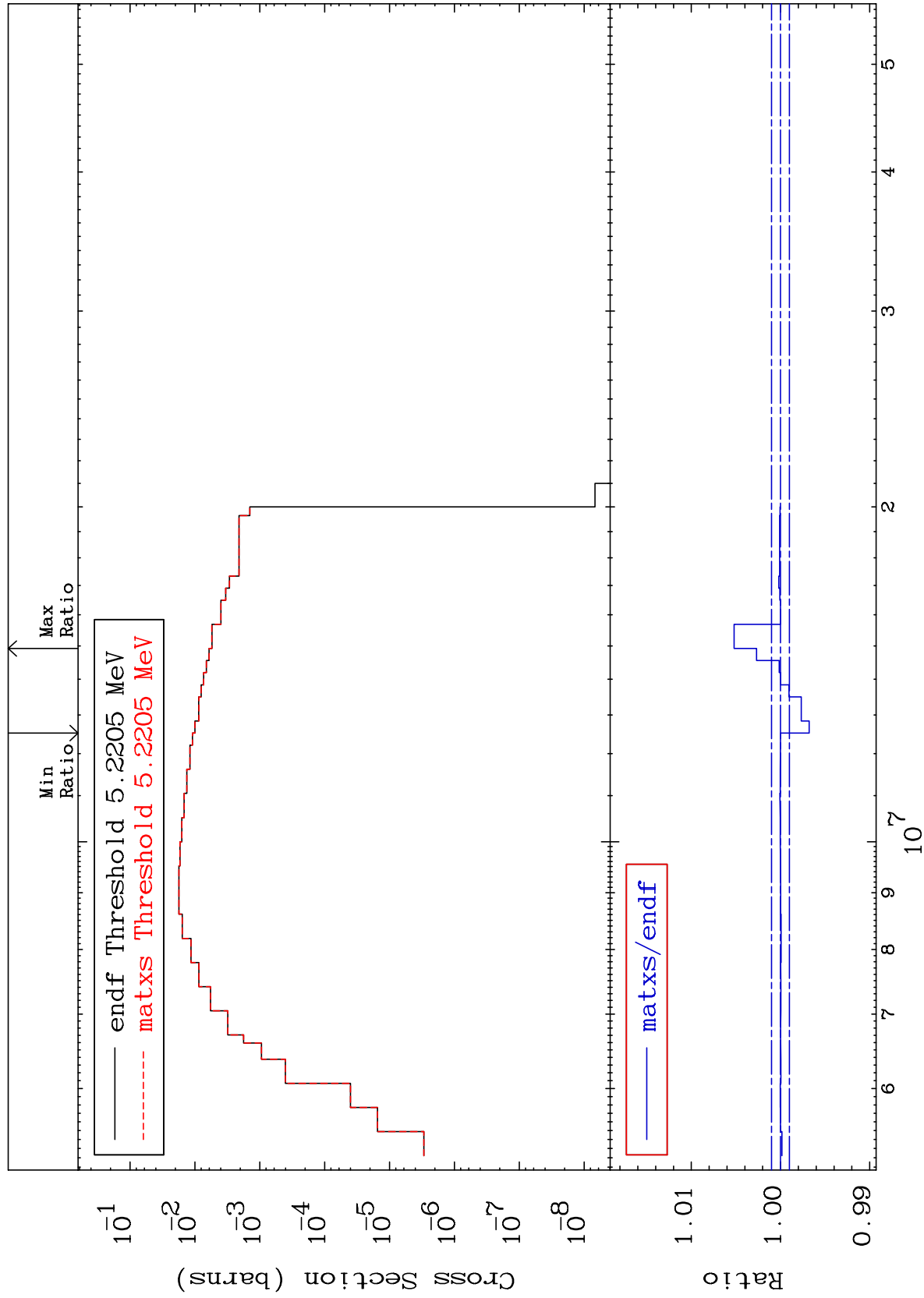
Incident Energy (eV)

14-Si-29

MAT 1428

2.224 MeV (n,p') Level
Cross Section

14-Si-29
-0.321 To 0.520 %



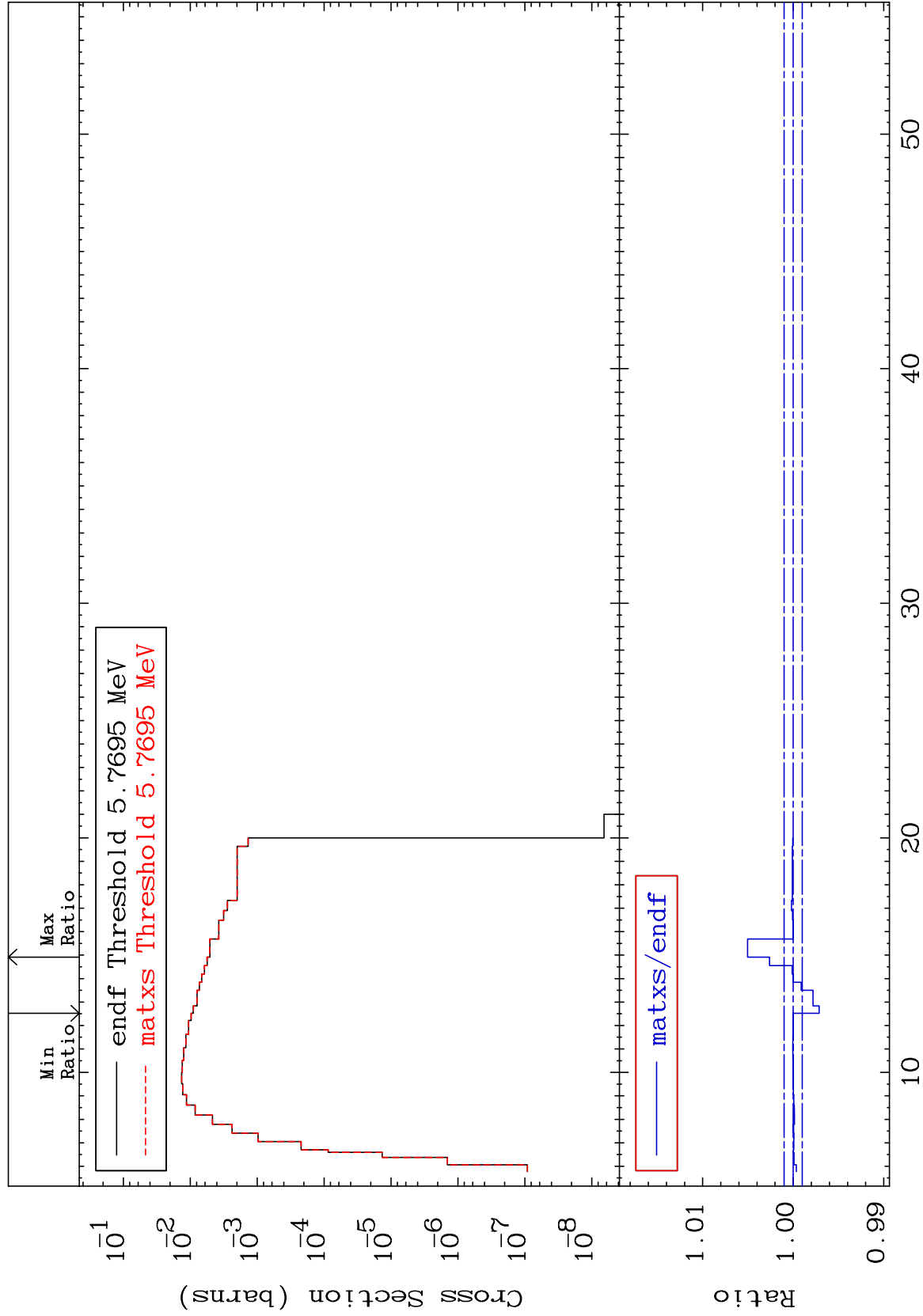
28

14-Si-29

MAT 1428

2.865 MeV (n,p') Level
Cross Section

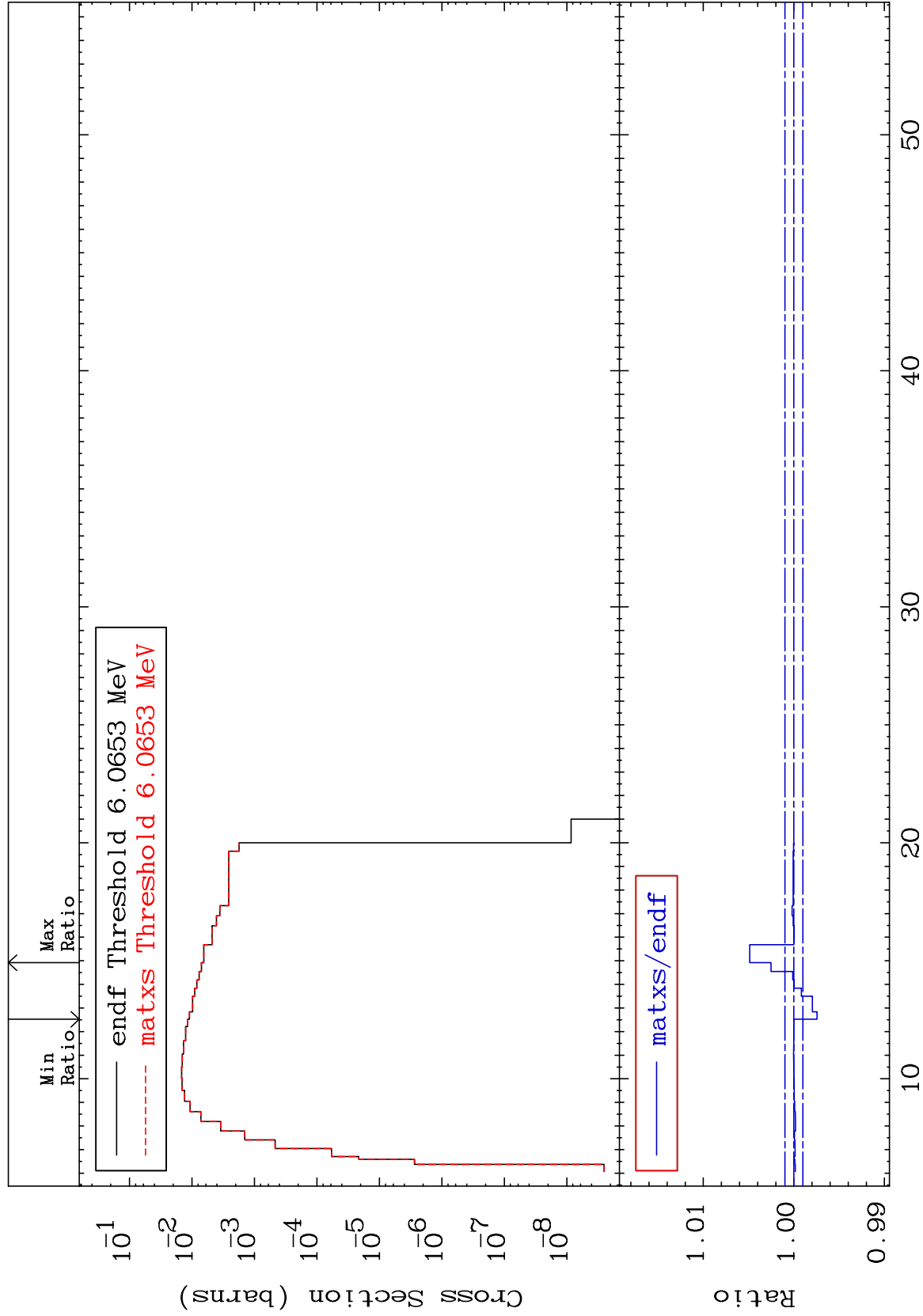
14-Si-29
-0.287 To 0.505 %



MAT 1428

3.062 MeV (n,p') Level
Cross Section

14-Si-29
-0.256 To 0.488 %



30

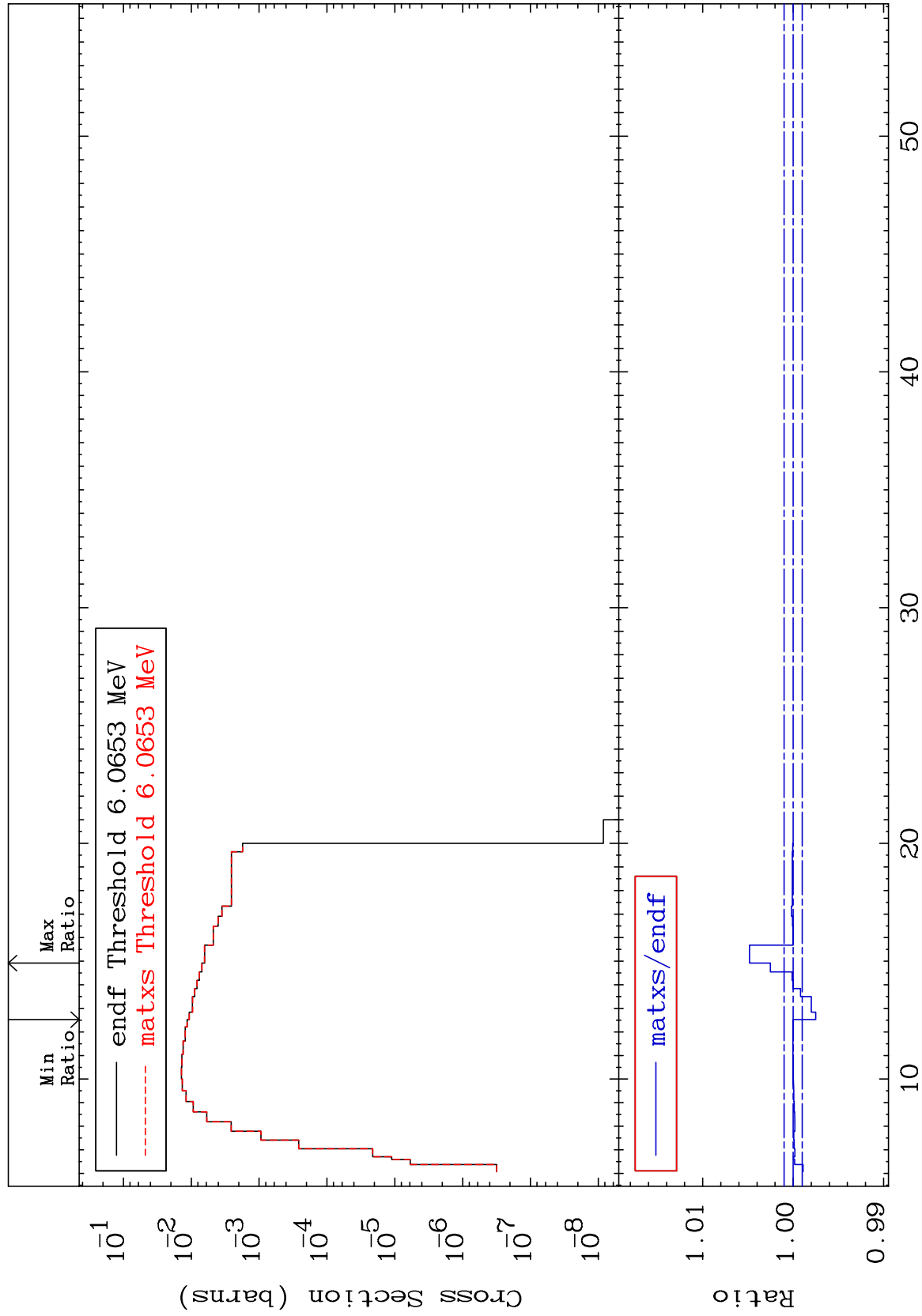
Incident Energy (MeV)

14-Si-29

MAT 1428

3.184 MeV (n,p') Level
Cross Section

14-Si-29
-0.249 To 0.484 %



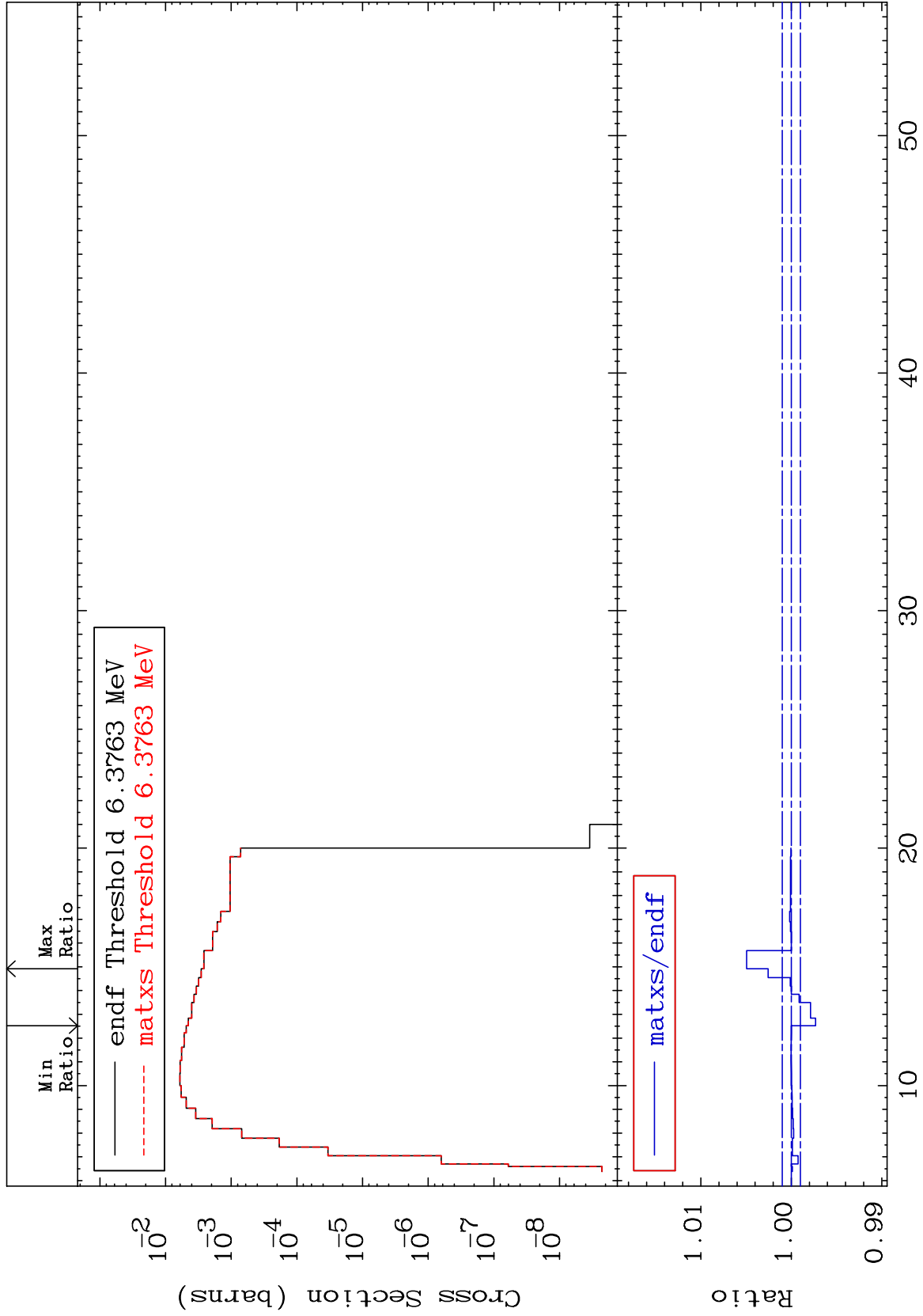
31

14-Si-29

MAT 1428

3.433 MeV (n,p') Level
Cross Section

14-Si-29
-0.268 To 0.494 %



32

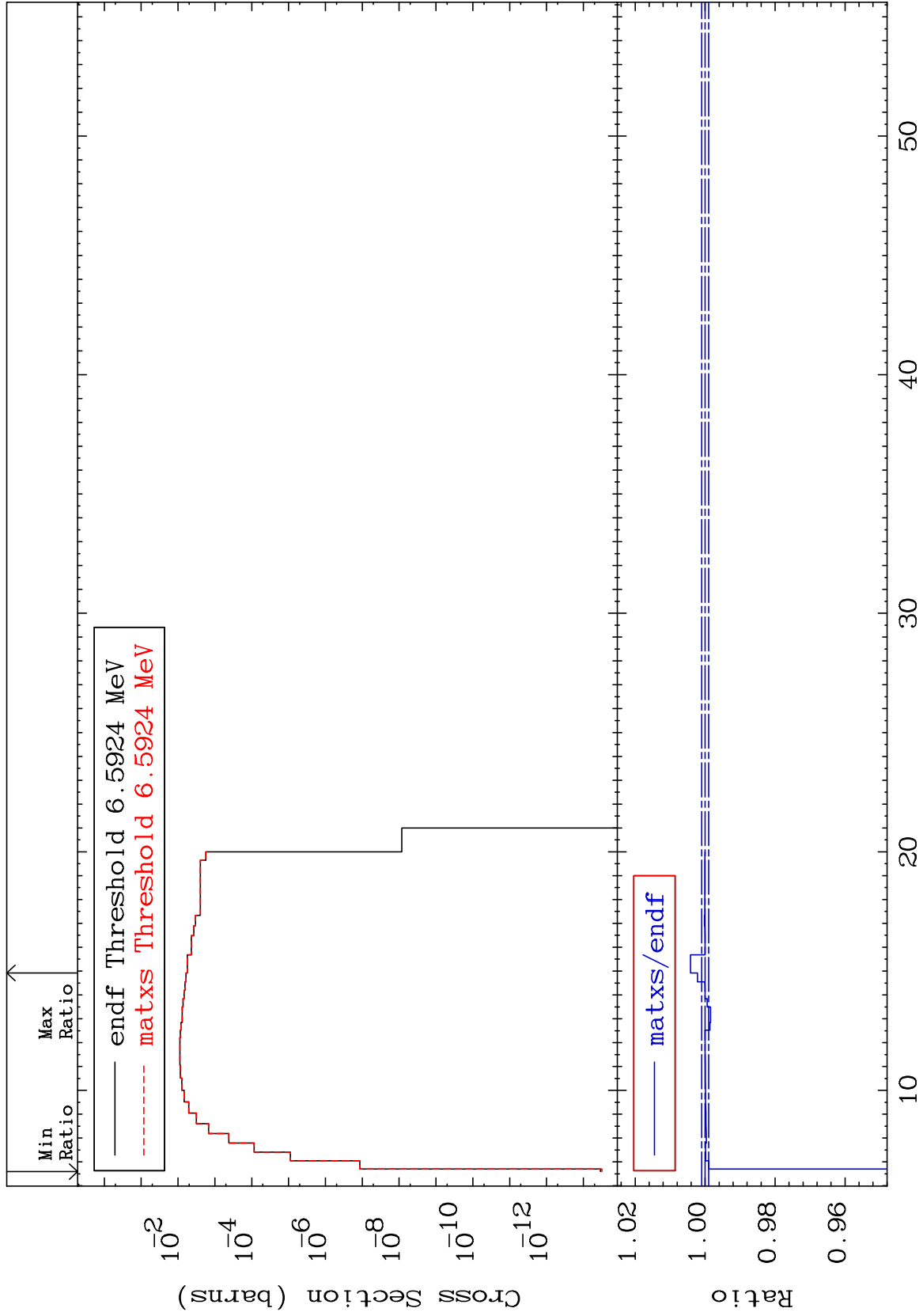
Incident Energy (MeV)

14-Si-29

MAT 1428

3.578 MeV (n,p') Level
Cross Section

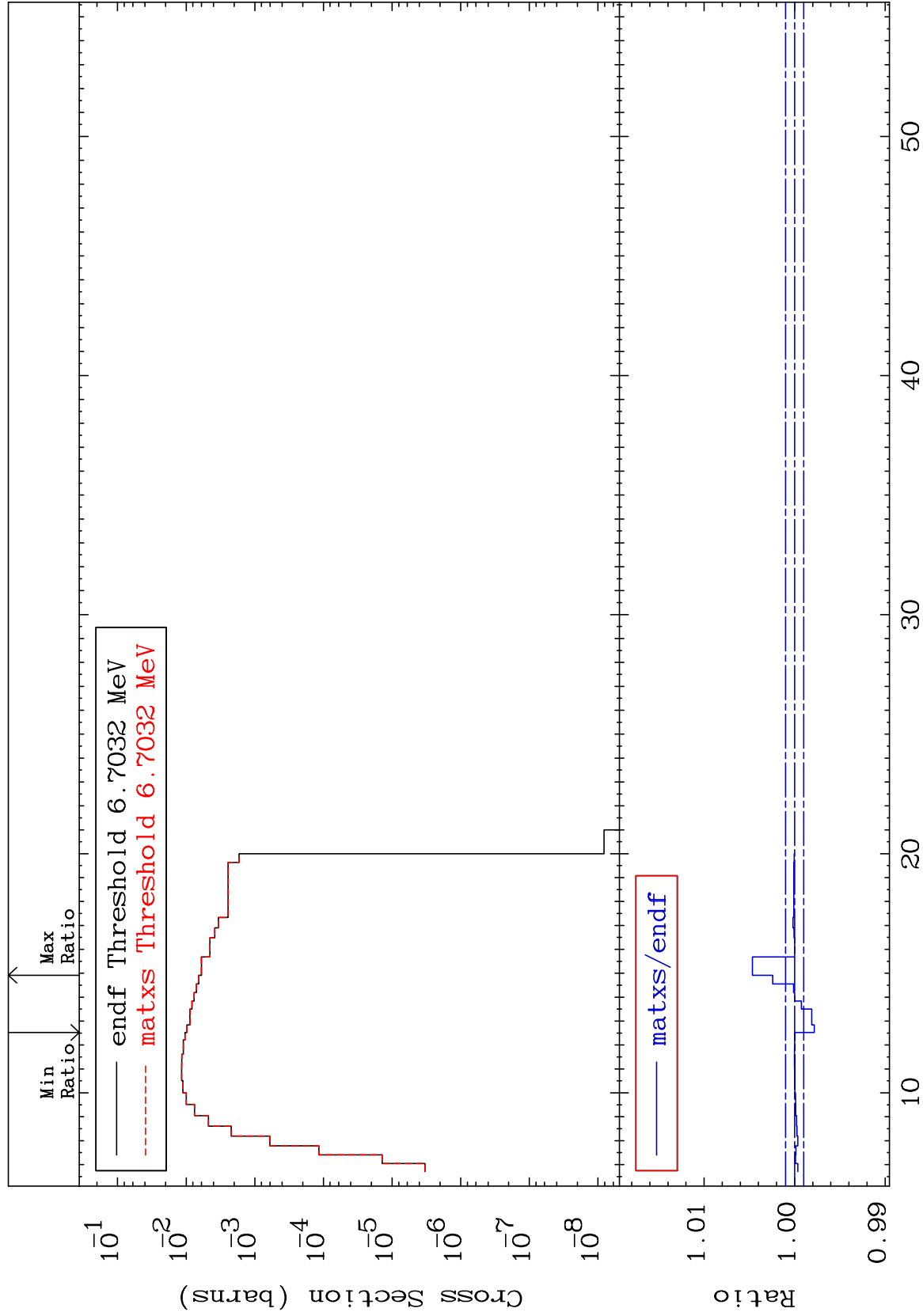
14-Si-29
-9.002 To 0.416 %



MAT 1428

3.641 MeV (n,p') Level
Cross Section

14-Si-29
-0.218 To 0.466 %



34

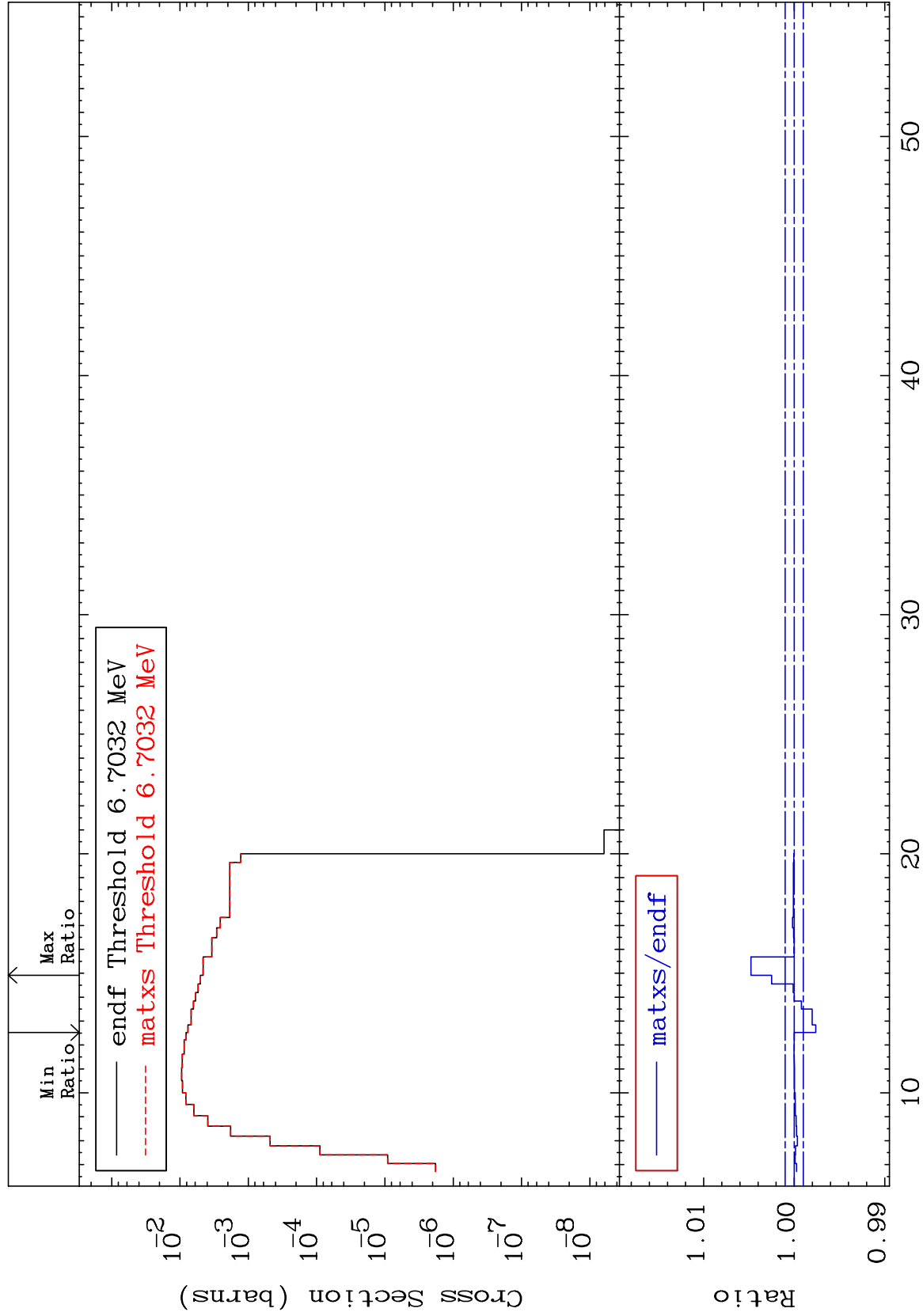
Incident Energy (MeV)

14-Si-29

MAT 1428

3.672 MeV (n,p') Level
Cross Section

14-Si-29
-0.238 To 0.477 %



35

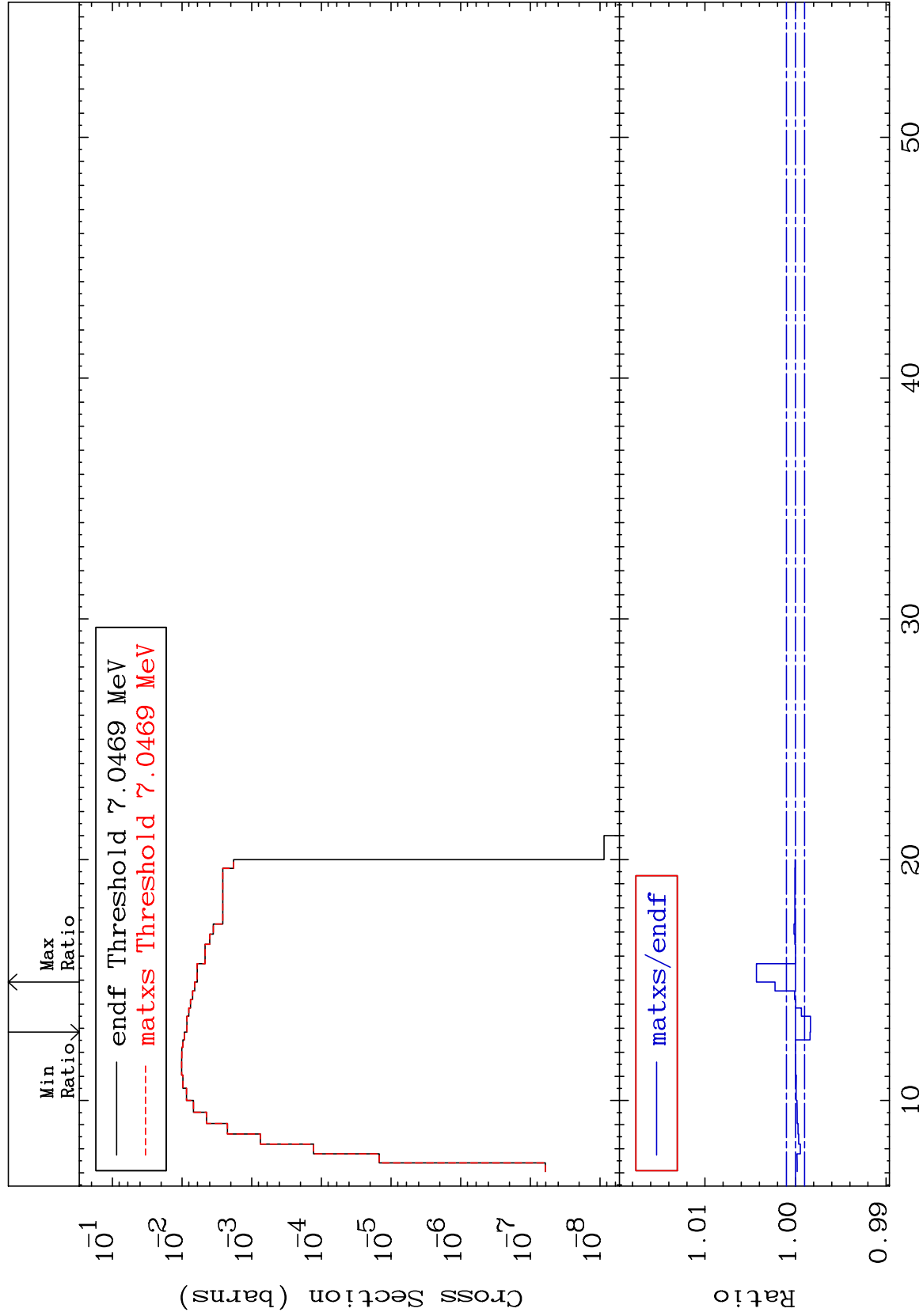
Incident Energy (MeV)

14-Si-29

MAT 1428

3.935 MeV (n,p') Level
Cross Section

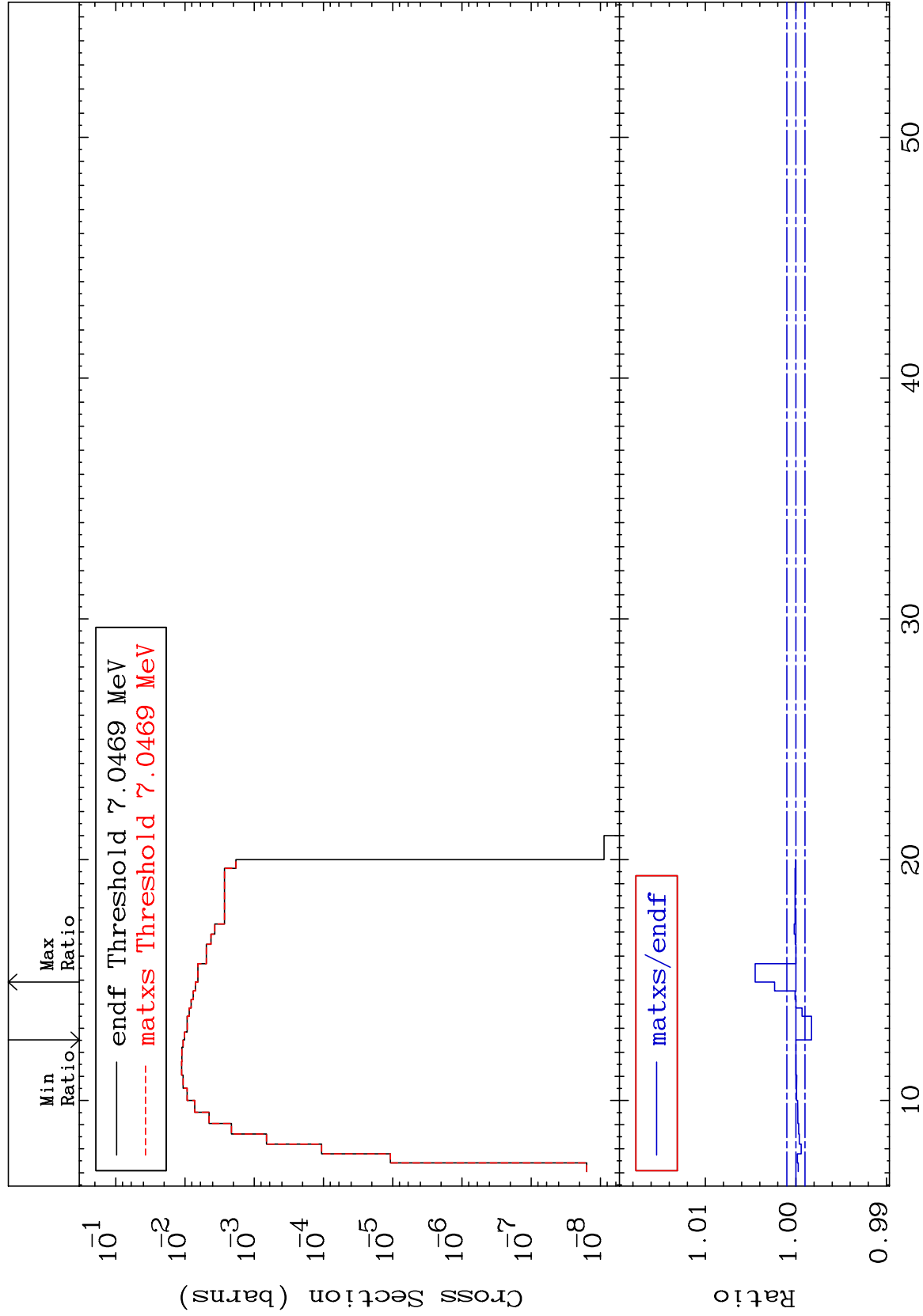
14-Si-29
-0.164 To 0.433 %



MAT 1428

3.985 MeV (n,p') Level
Cross Section

14-Si-29
-0.173 To 0.450 %



37

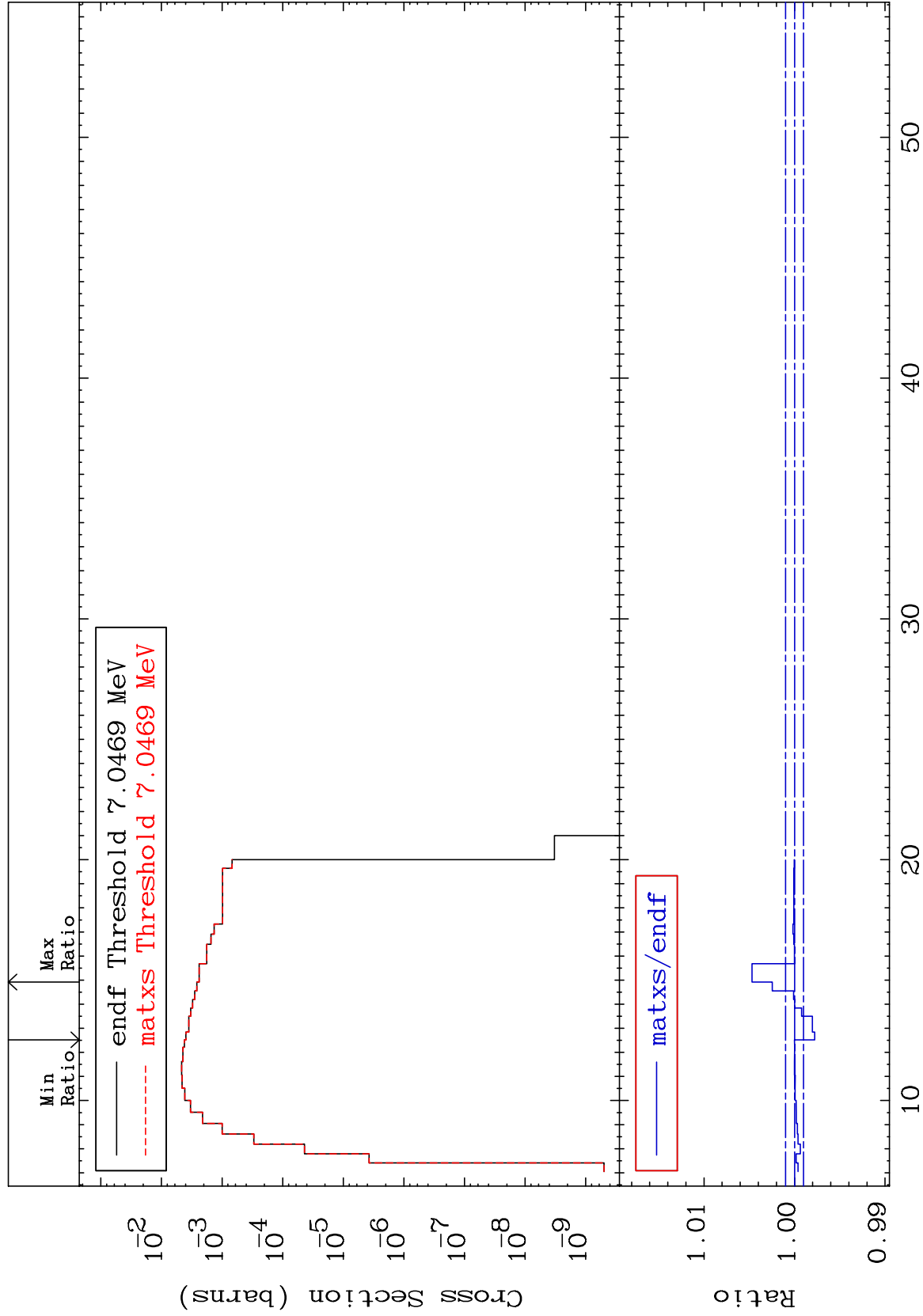
Incident Energy (MeV)

14-Si-29

MAT 1428

4.057 MeV (n,p') Level
Cross Section

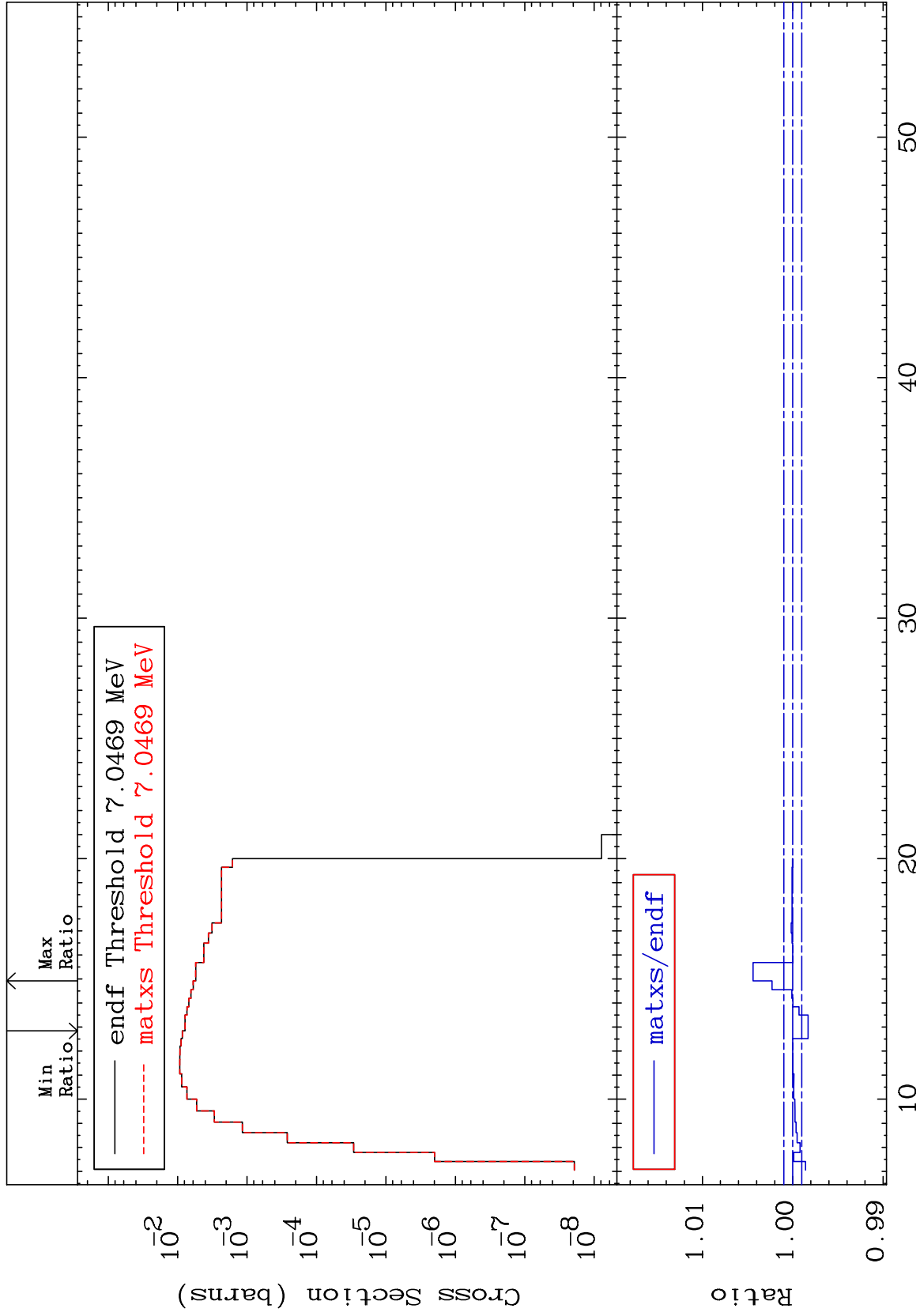
14-Si-29
-0.223 To 0.470 %



MAT 1428

4.220 MeV (n,p') Level
Cross Section

14-Si-29
-0.170 To 0.440 %



39

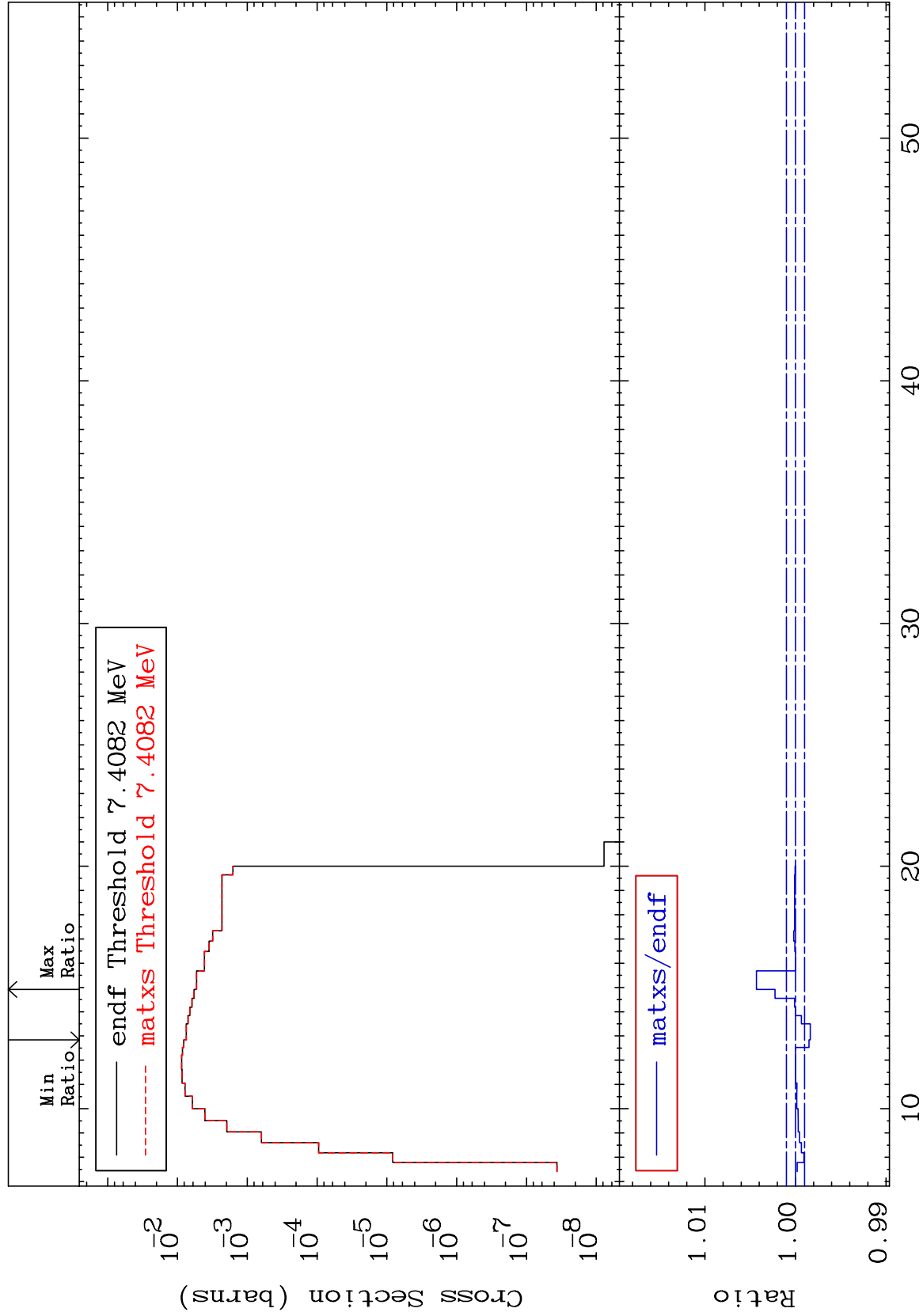
Incident Energy (MeV)

14-Si-29

MAT 1428

4.403 MeV (n,p') Level
Cross Section

14-Si-29
-0.164 To 0.431 %



40

Incident Energy (MeV)

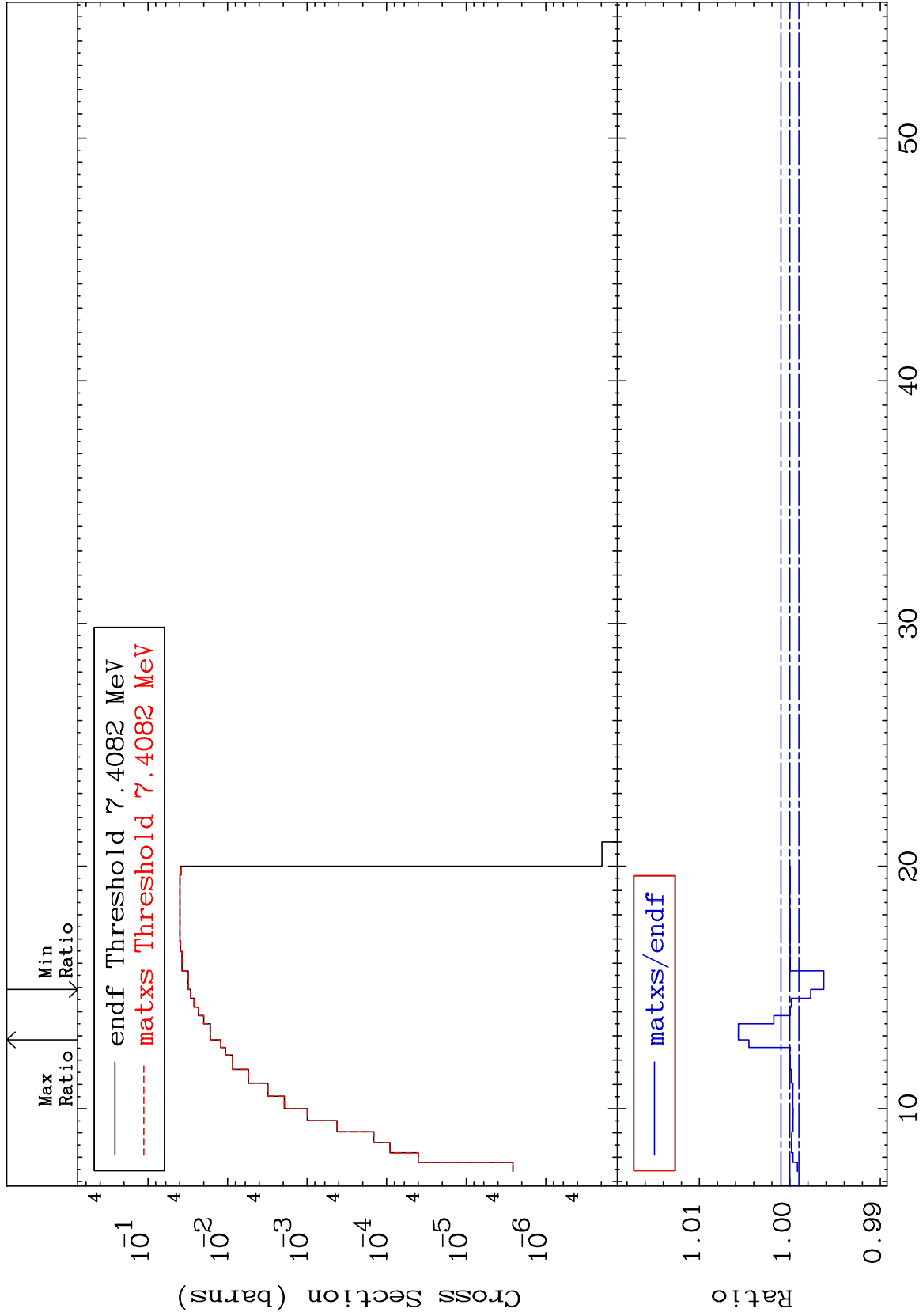
50

14-Si-29

MAT 1428

4.500 MeV (n,p') Level
Cross Section

14-Si-29
-0.374 To 0.569 %



41

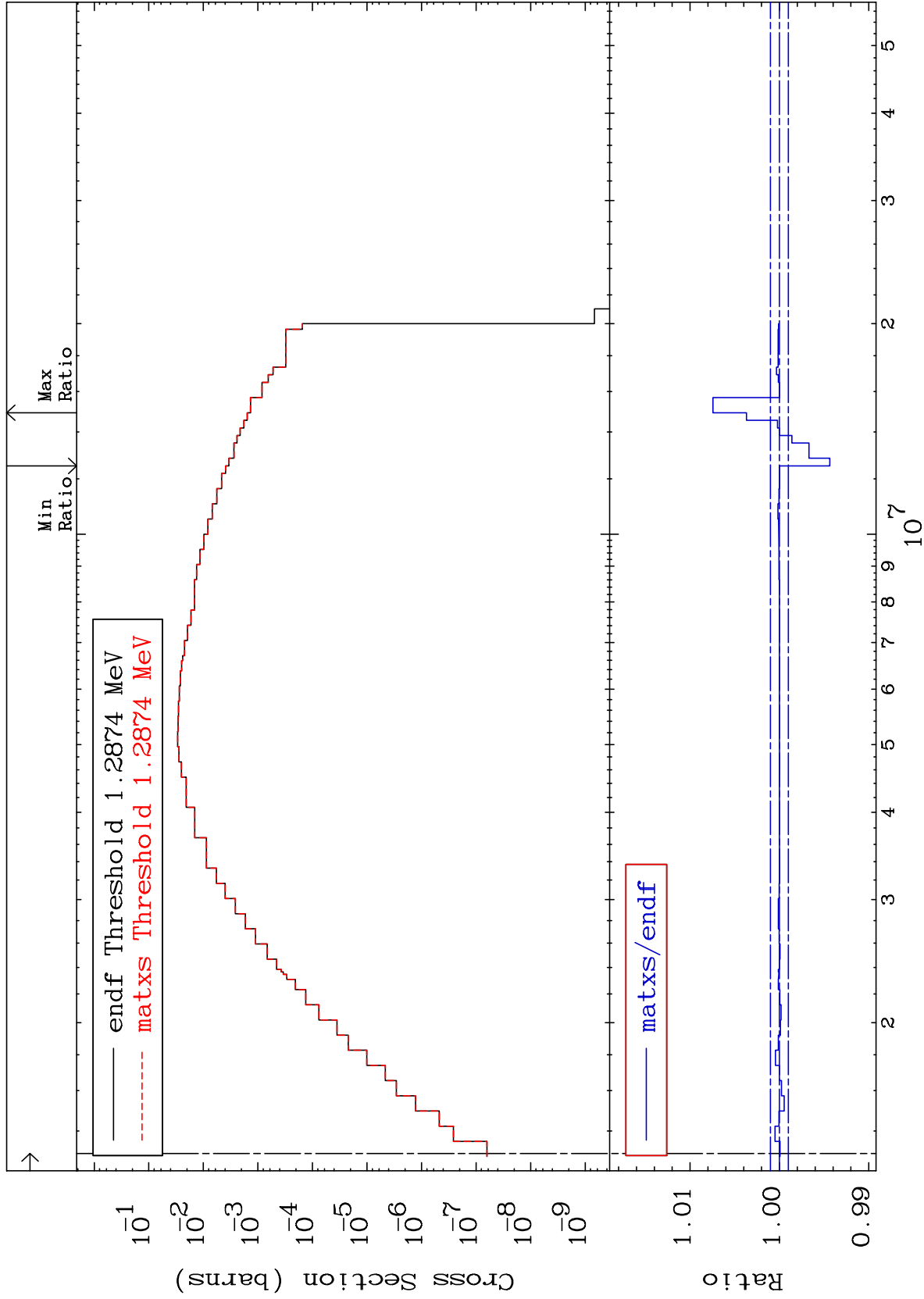
Incident Energy (MeV)

14-Si-29

MAT 1428

(n, α') Ground
Cross Section

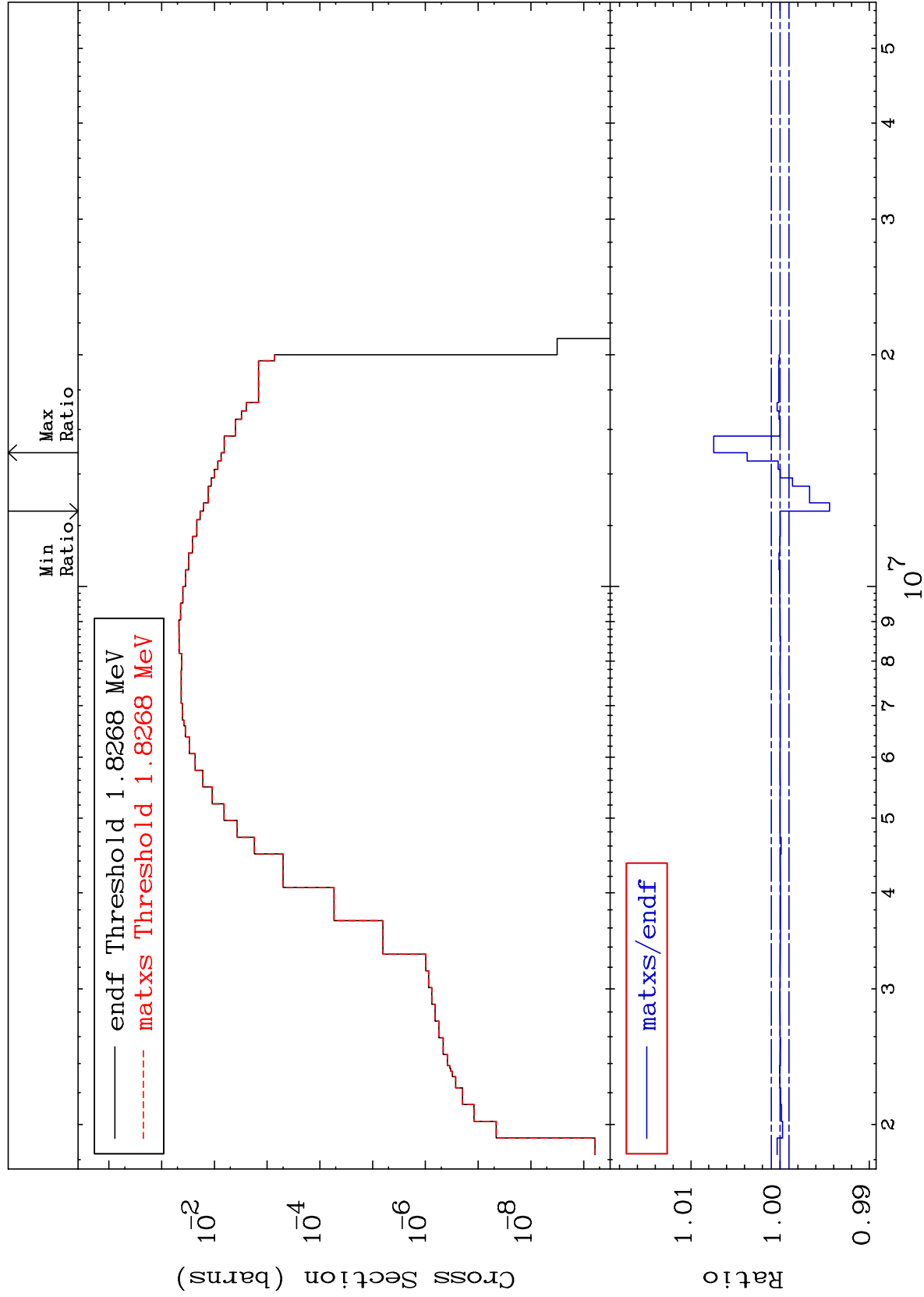
14-Si-29
-0.564 To 0.744 %



MAT 1428

1.809 MeV (n, α') Level
Cross Section

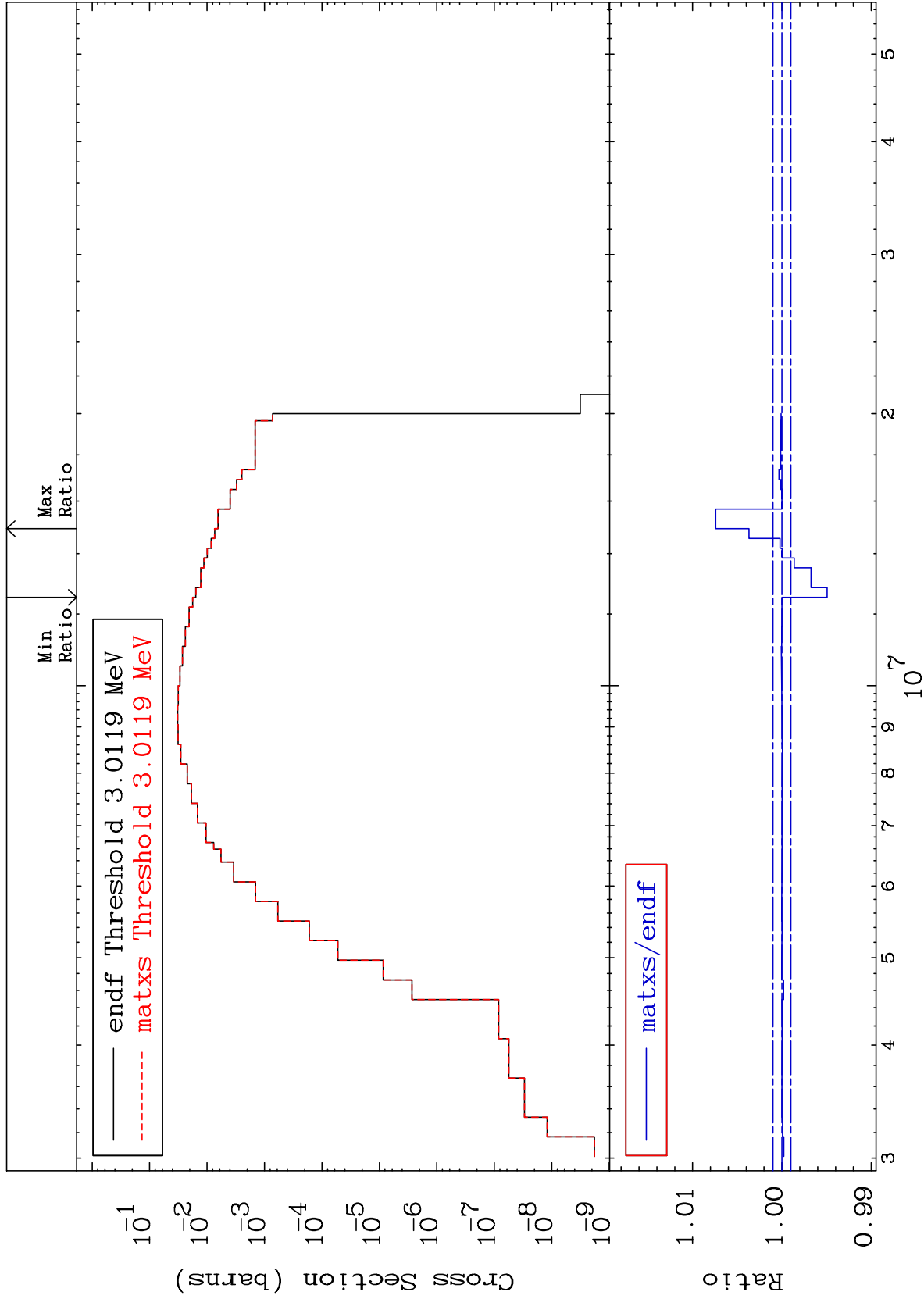
14-Si-29
-0.555 To 0.745 %



MAT 1428

2.938 MeV (n, α') Level
Cross Section

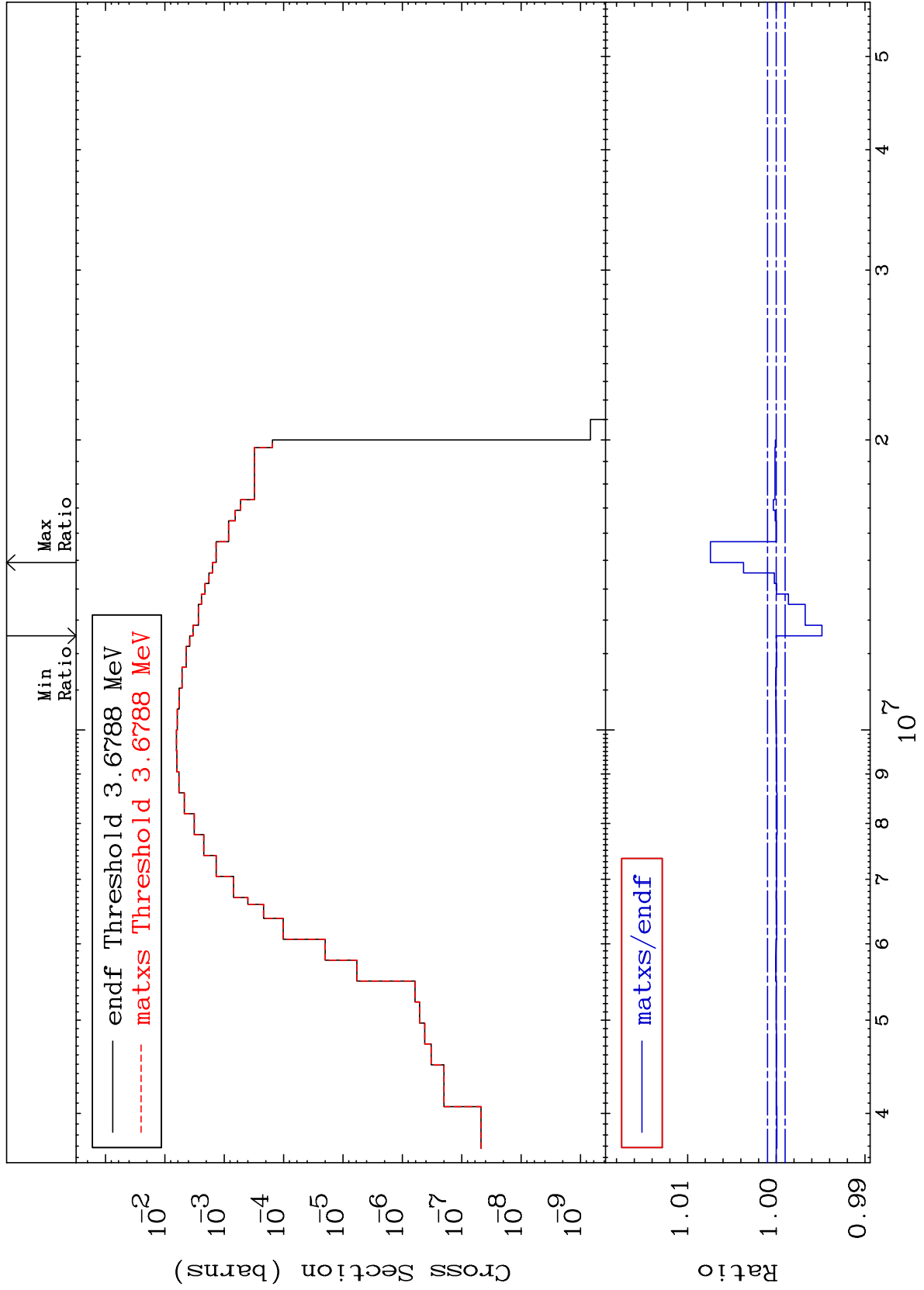
14-Si-29
-0.506 To 0.742 %



MAT 1428

3.588 MeV (n, α') Level
Cross Section

14-Si-29
-0.515 To 0.742 %



45

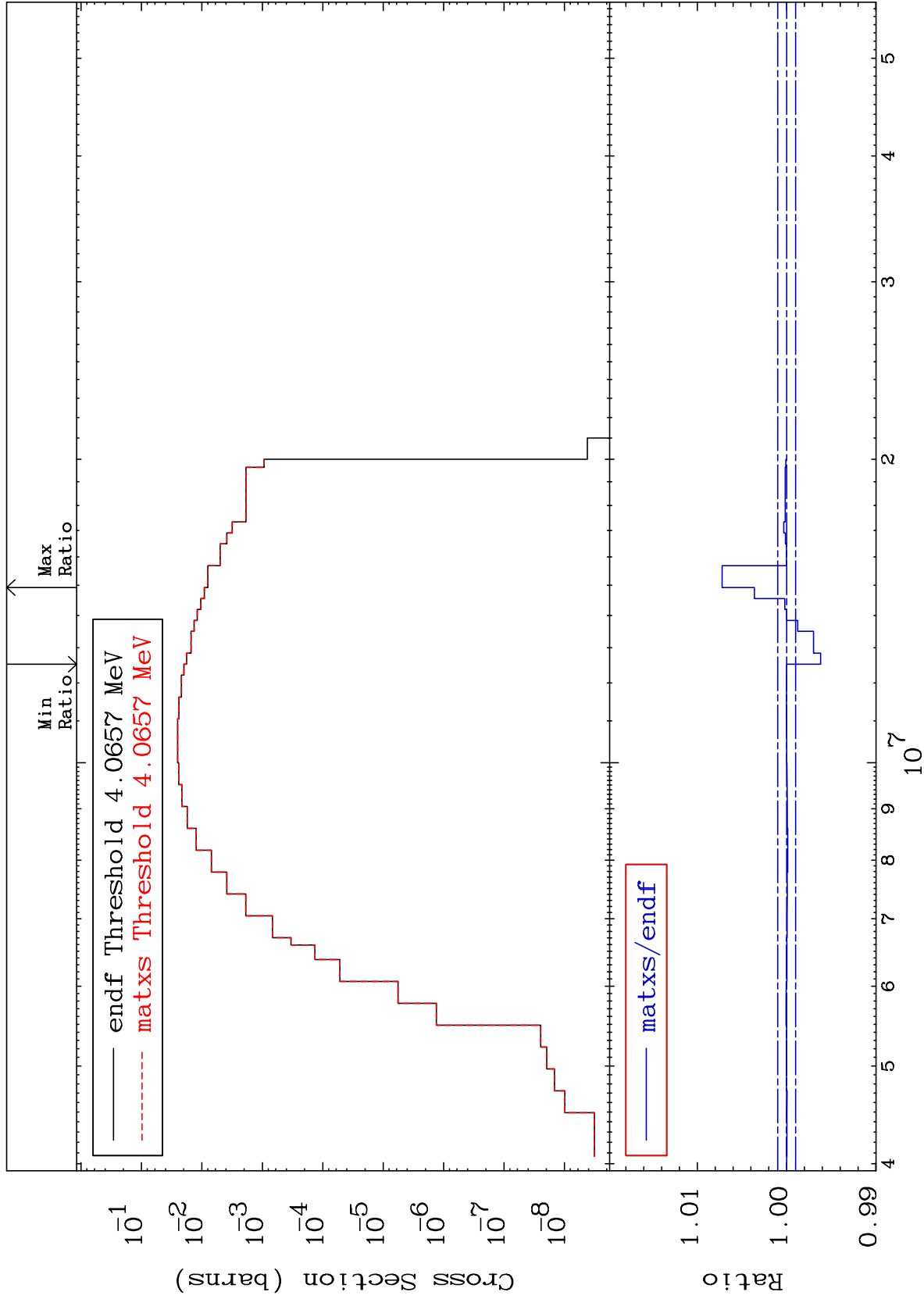
Incident Energy (eV)

14-Si-29

MAT 1428

3.941 MeV (n, α') Level
Cross Section

14-Si-29
-0.382 To 0.723 %



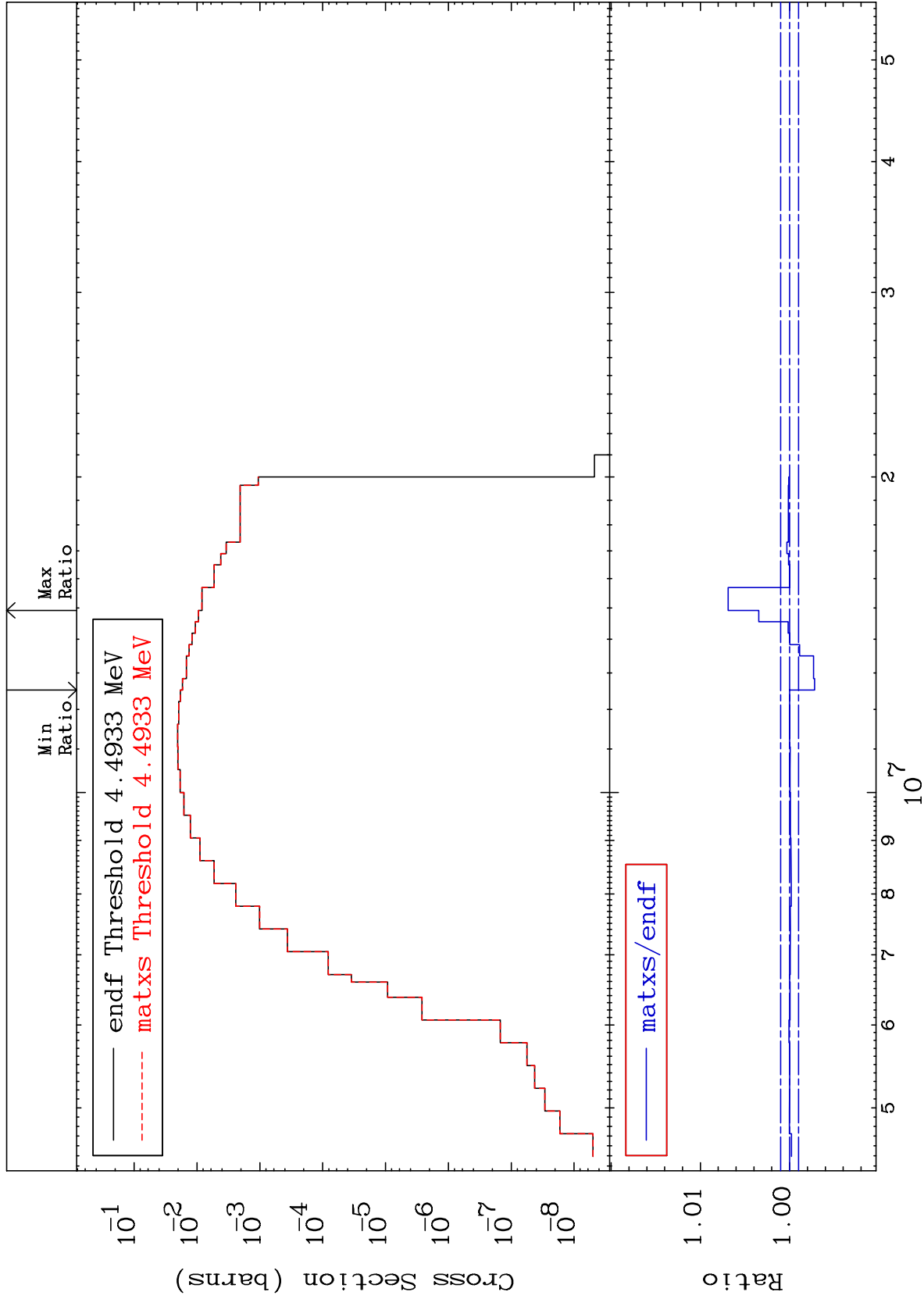
46

14-Si-29

MAT 1428

4.320 MeV (n, α') Level
Cross Section

14-Si-29
-0.280 To 0.688 %



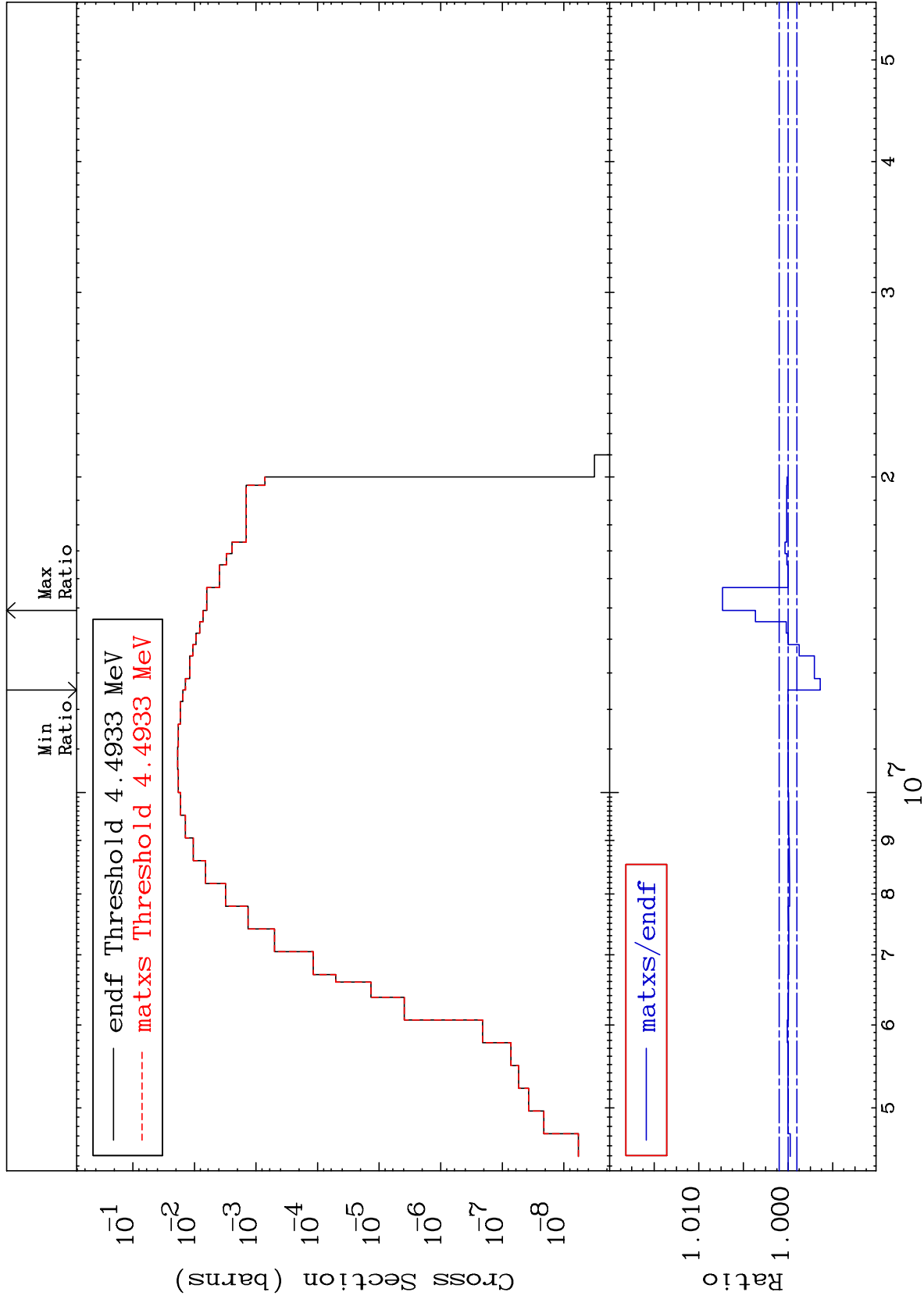
47

14-Si-29

MAT 1428

4.332 MeV (n, α') Level
Cross Section

14-Si-29
-0.361 To 0.734 %



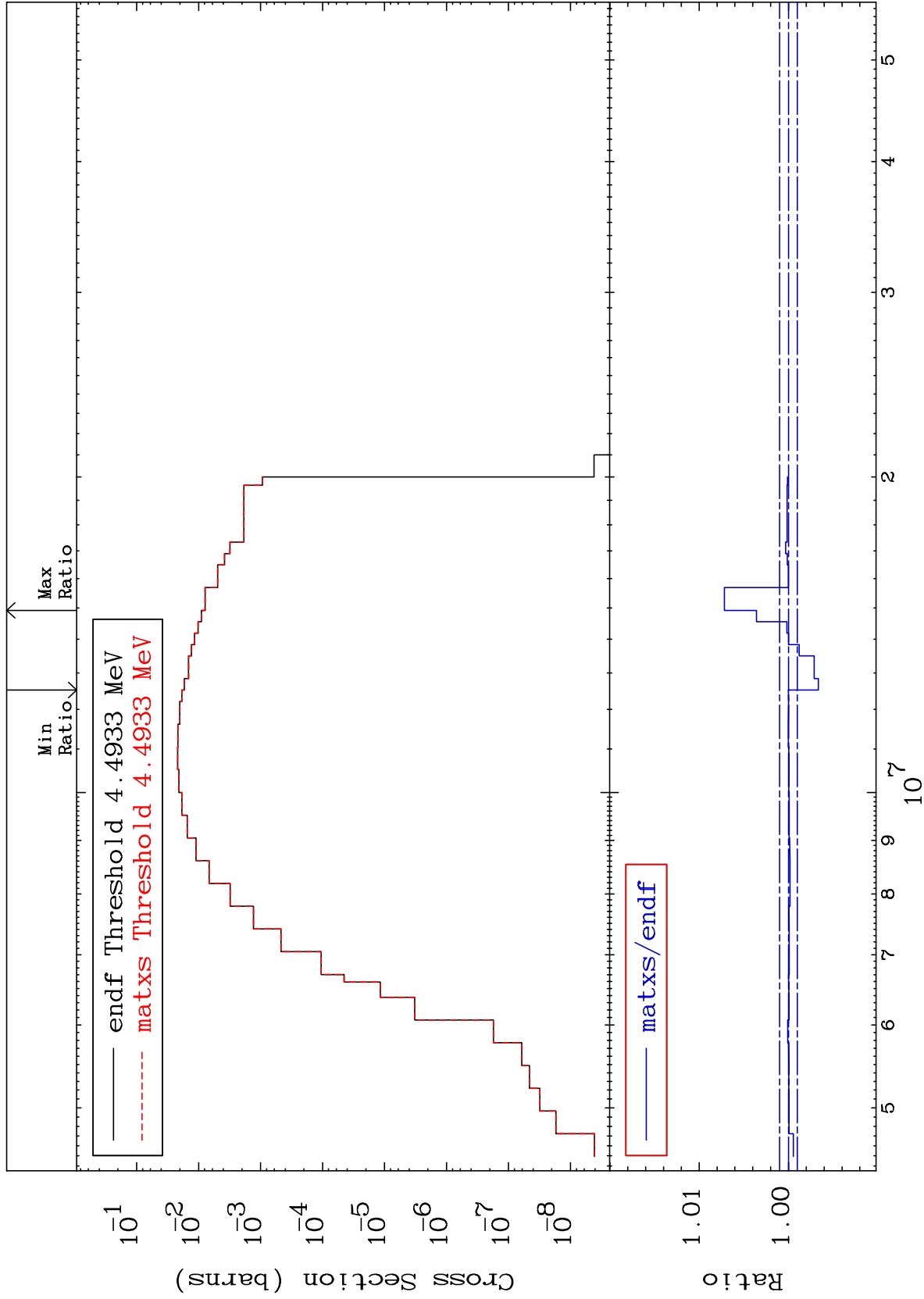
48

14-Si-29

MAT 1428

4.350 MeV (n, α') Level
Cross Section

14-Si-29
-0.335 To 0.718 %



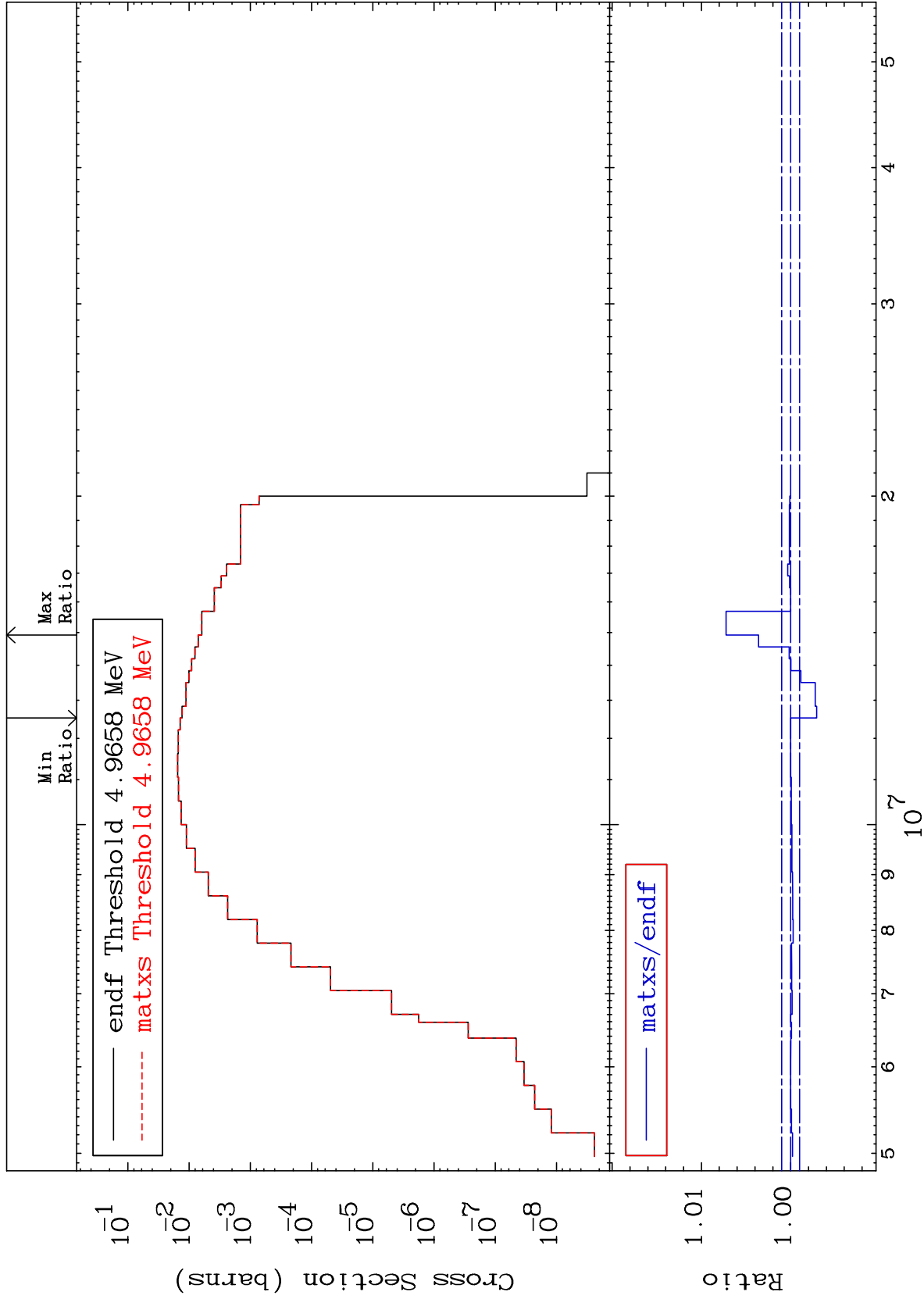
49

14-Si-29

MAT 1428

4.835 MeV (n,α') Level
Cross Section

14-Si-29
-0.291 To 0.724 %



50

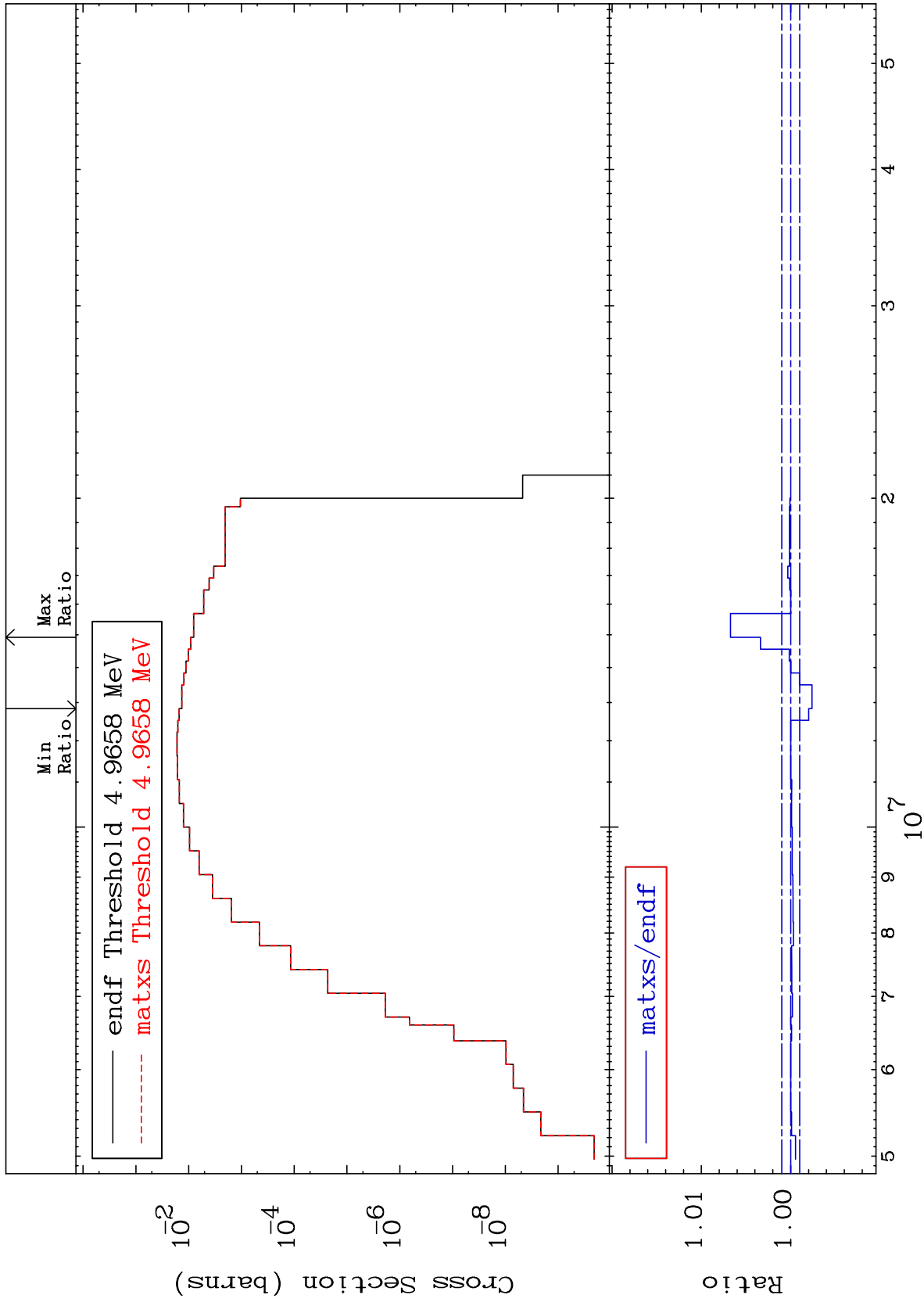
Incident Energy (eV)

14-Si-29

MAT 1428

4.901 MeV (n,α') Level
Cross Section

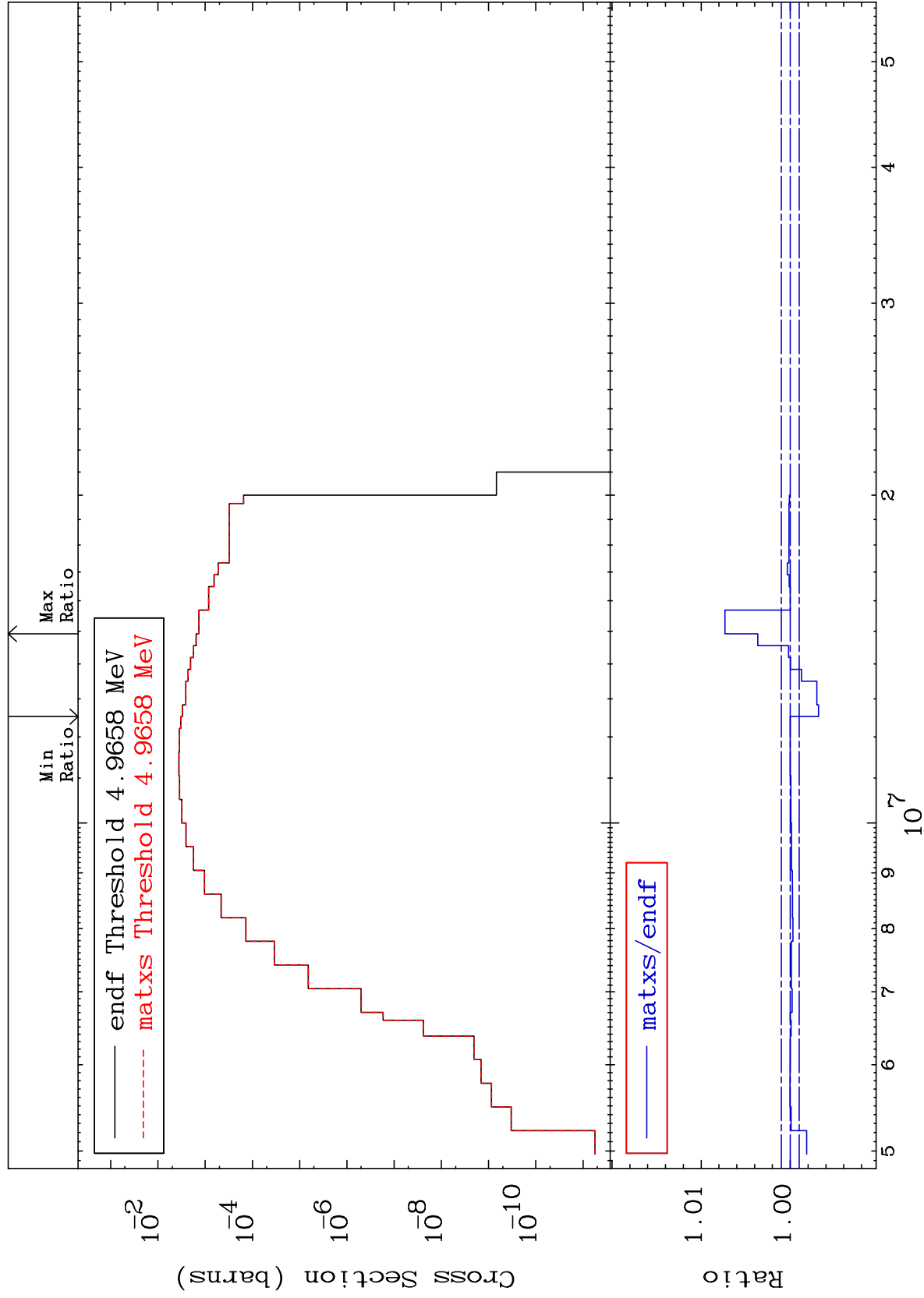
14-Si-29
-0.238 To 0.673 %



MAT 1428

4.972 MeV (n, α') Level
Cross Section

14-Si-29
-0.316 To 0.734 %



52

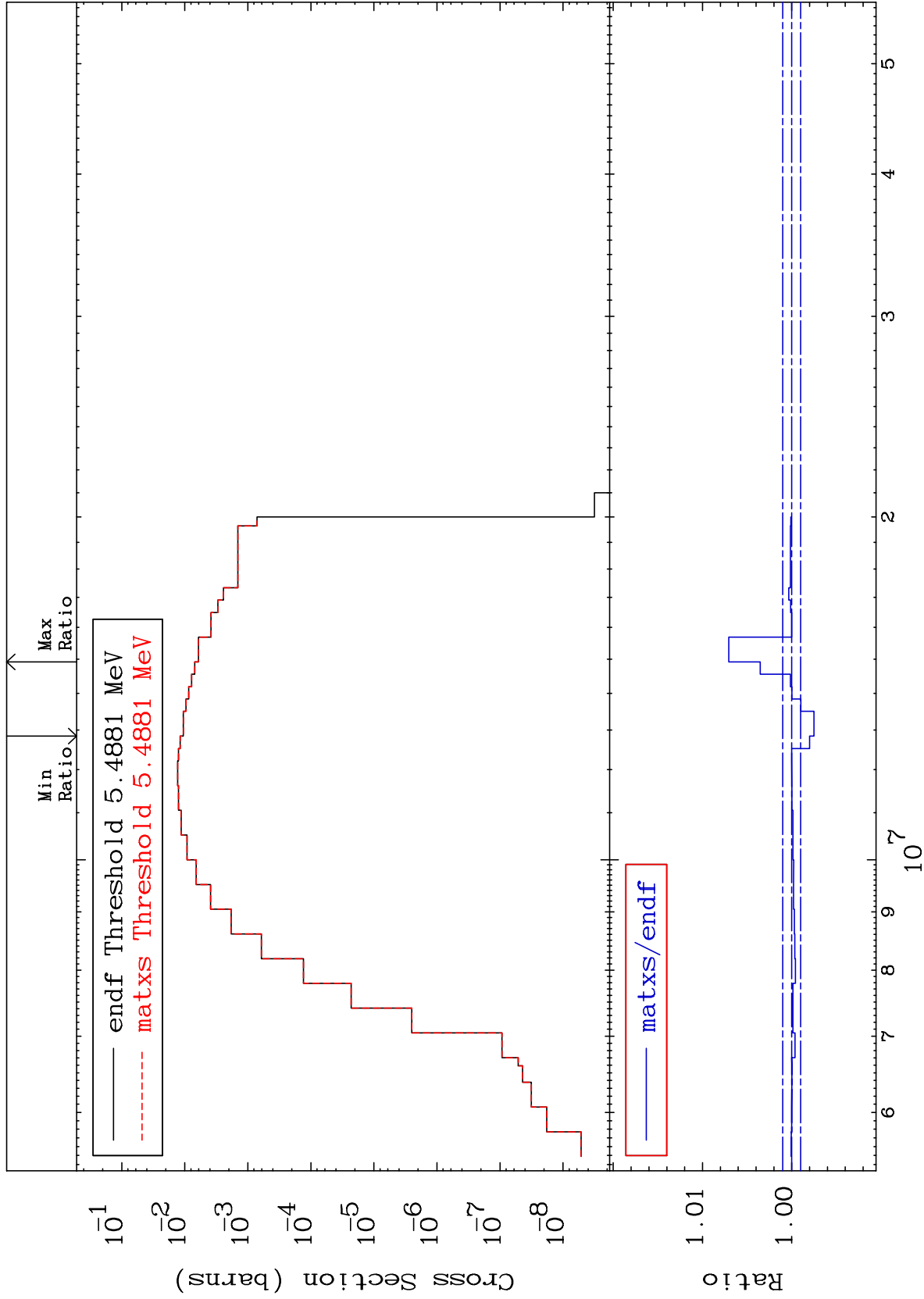
Incident Energy (eV)

14-Si-29

MAT 1428

5.291 MeV (n, α') Level
Cross Section

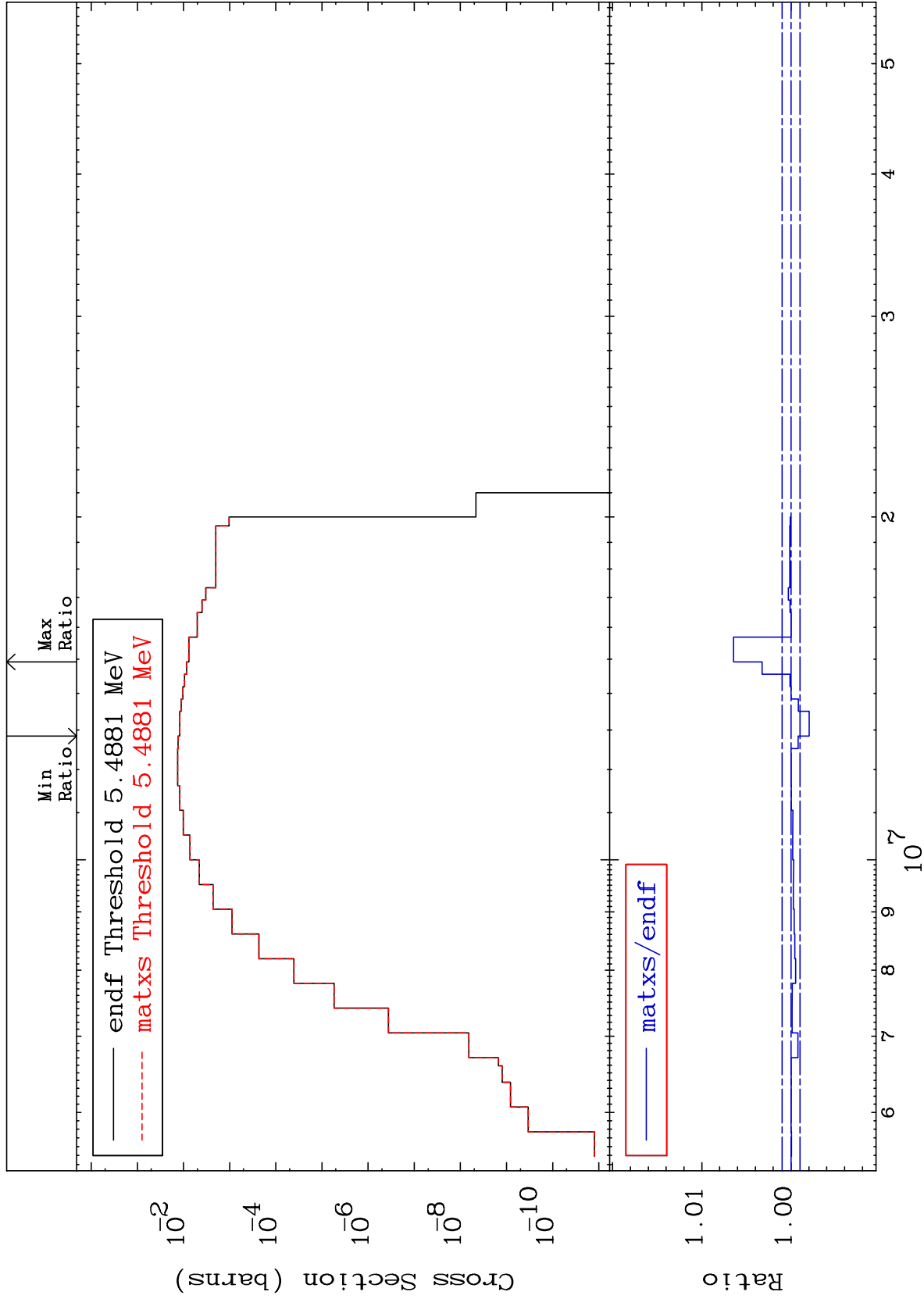
14-Si-29
-0.249 To 0.705 %



MAT 1428

5.474 MeV (n, α') Level
Cross Section

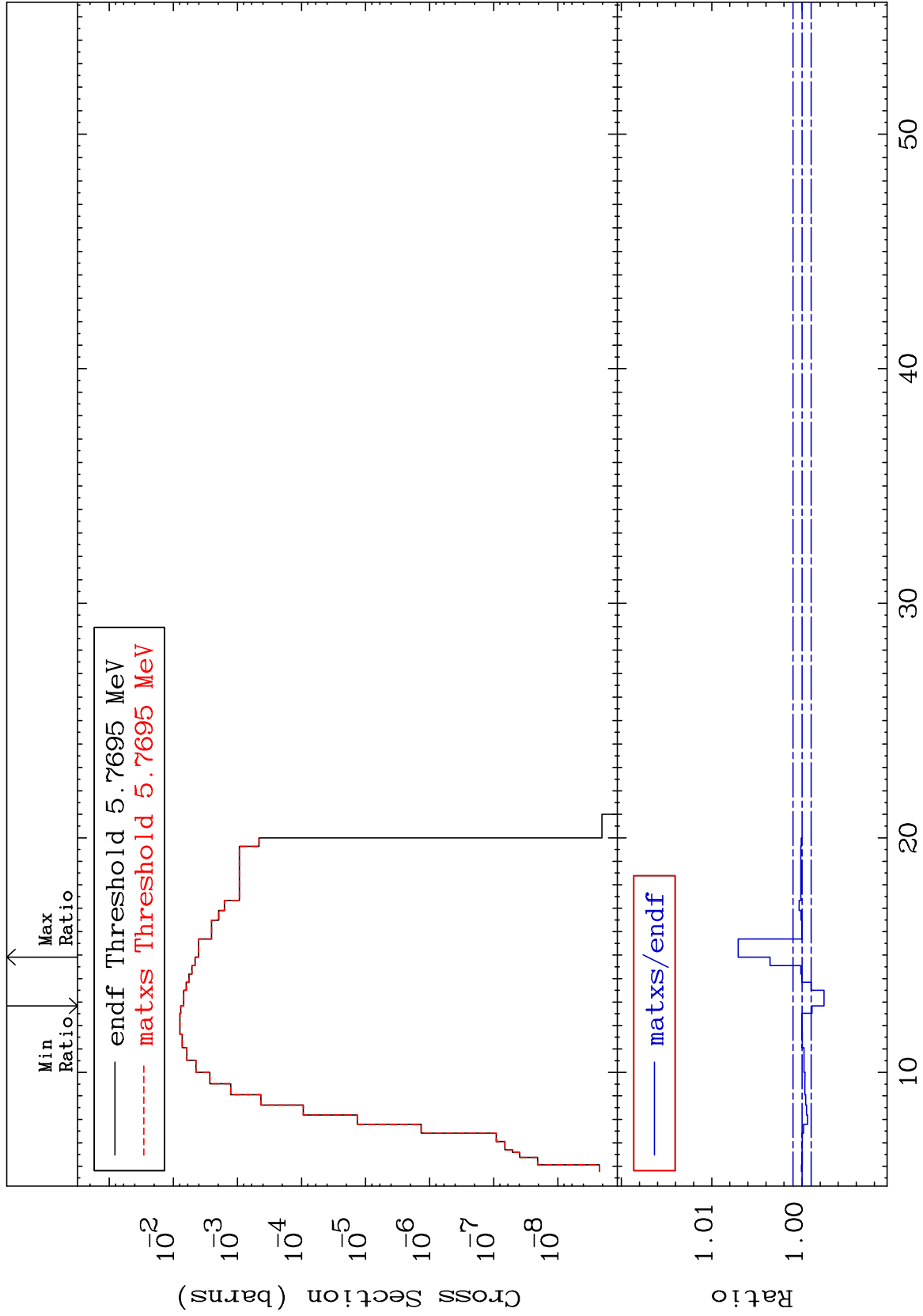
14-Si-29
-0.203 To 0.644 %



MAT 1428

5.690 MeV (n,α') Level
Cross Section

14-Si-29
-0.243 To 0.708 %



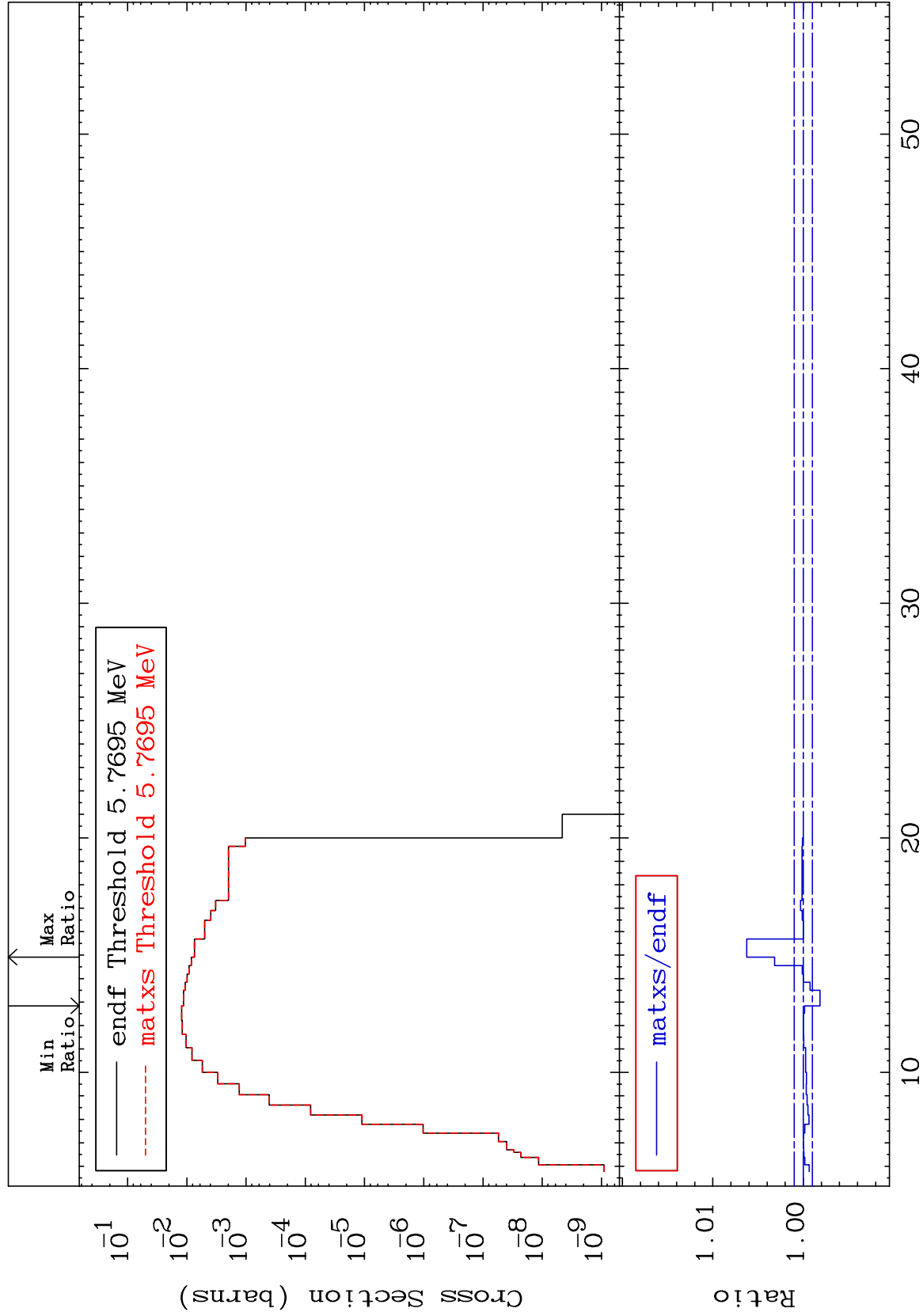
55

14-Si-29

MAT 1428

5.715 MeV (n,α') Level
Cross Section

14-Si-29
-0.185 To 0.626 %



56

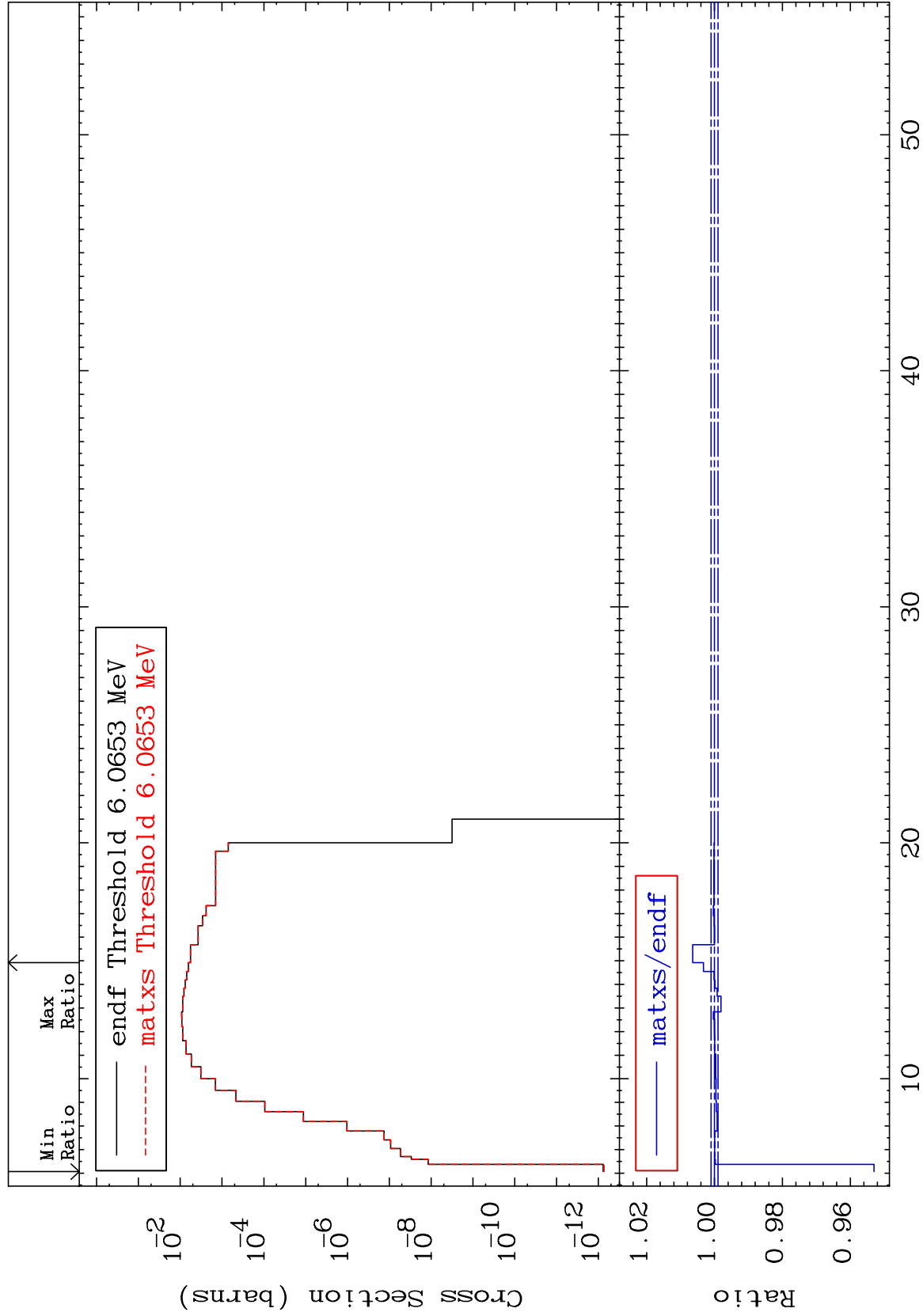
Incident Energy (MeV)

14-Si-29

MAT 1428

6.125 MeV (n,α') Level
Cross Section

14-Si-29
-4.699 To 0.642 %



57

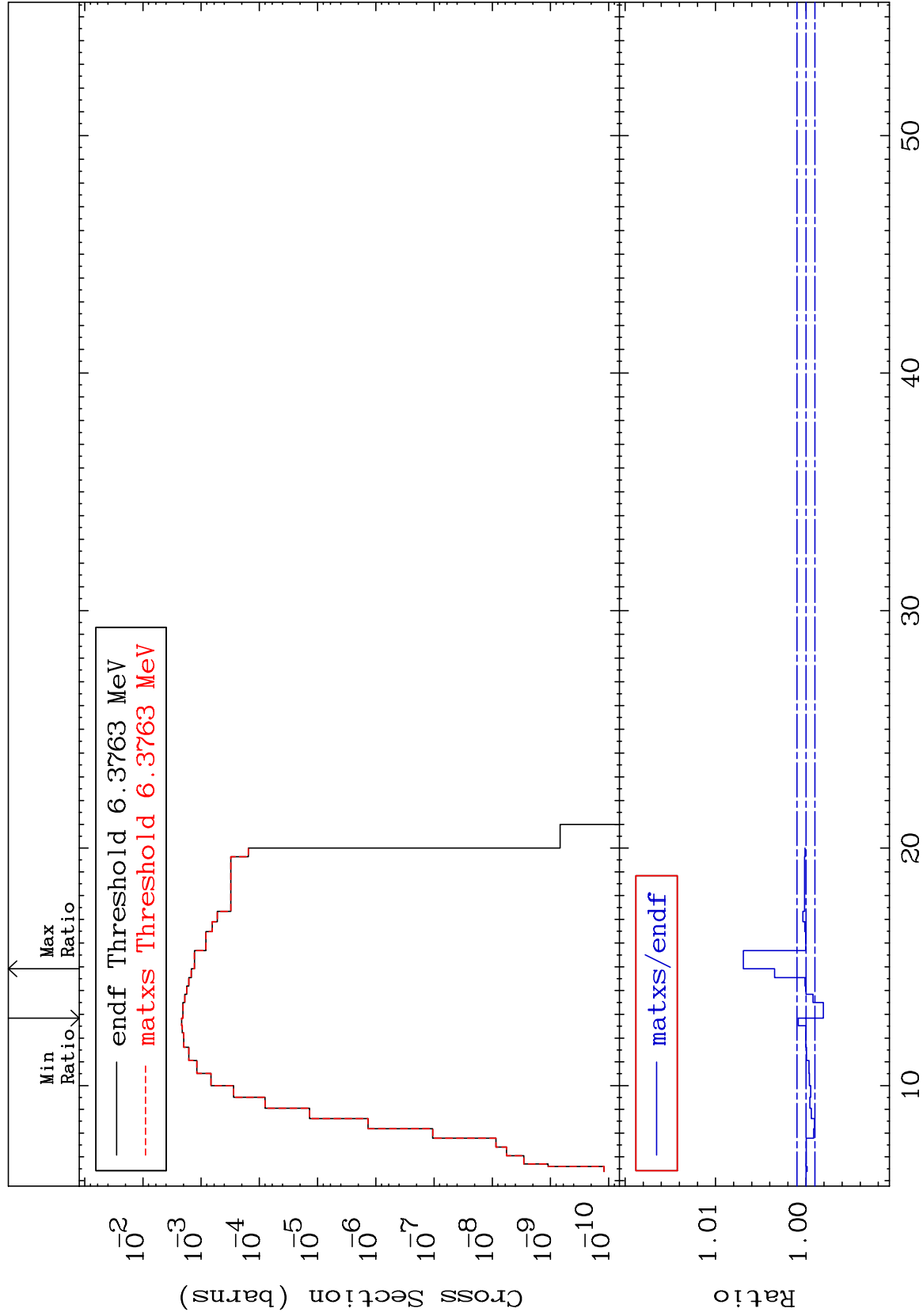
Incident Energy (MeV)

14-Si-29

MAT 1428

6.256 MeV (n,α') Level
Cross Section

14-Si-29
-0.193 To 0.692 %



58

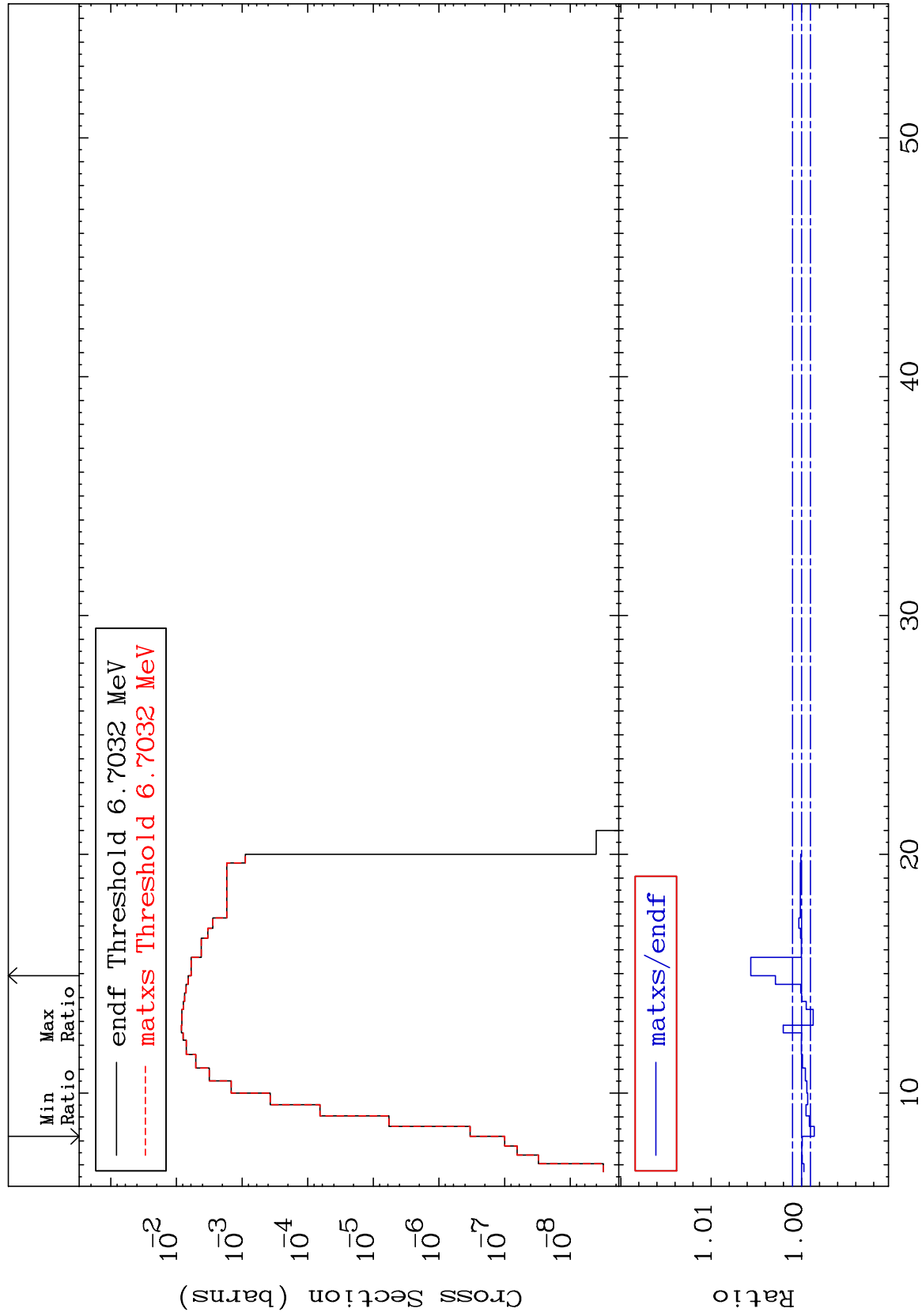
Incident Energy (MeV)

14-Si-29

MAT 1428

6.621 MeV (n,α') Level
Cross Section

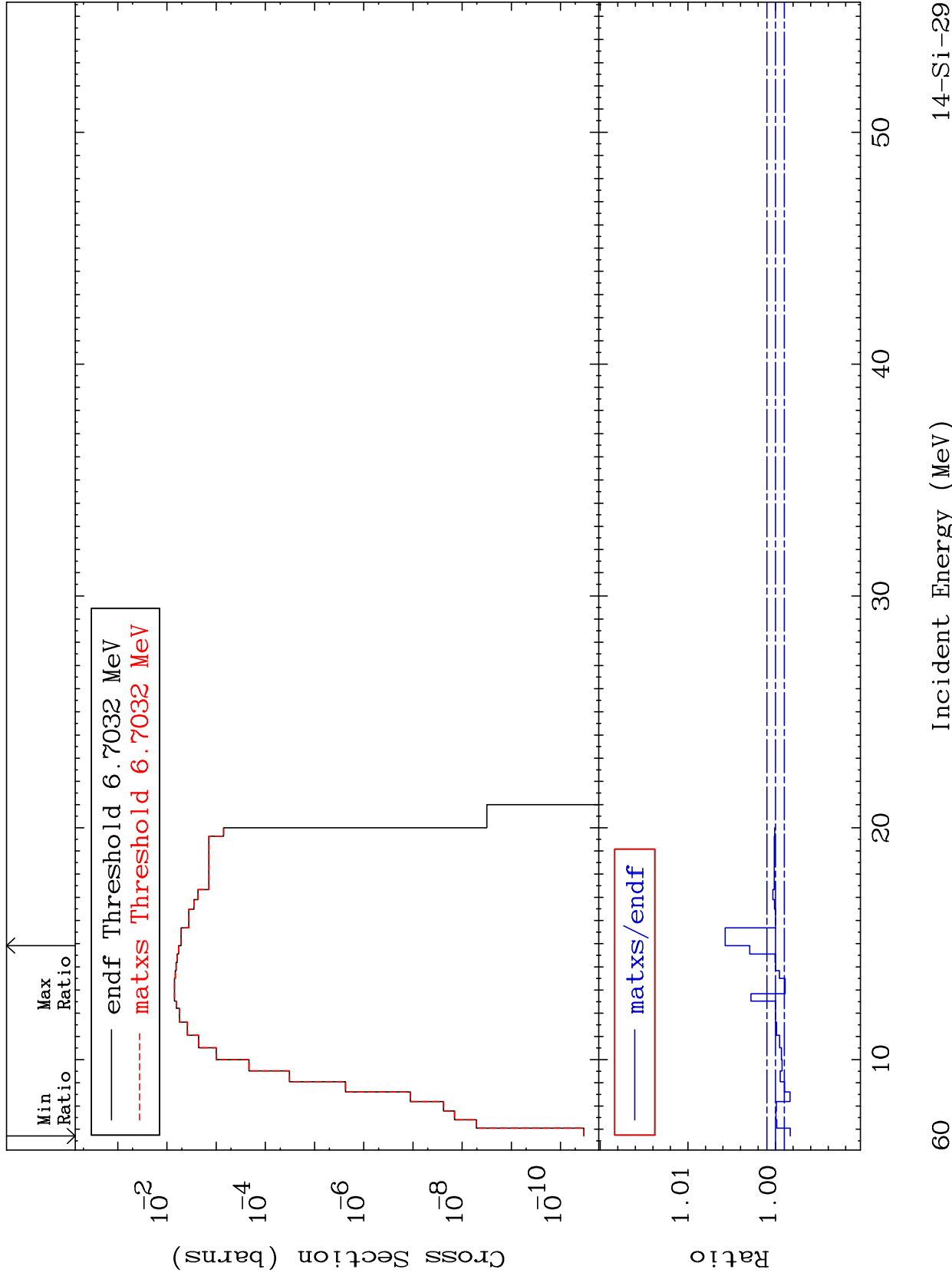
14-Si-29
-0.141 To 0.561 %



MAT 1428

6.744 MeV (n,α') Level
Cross Section

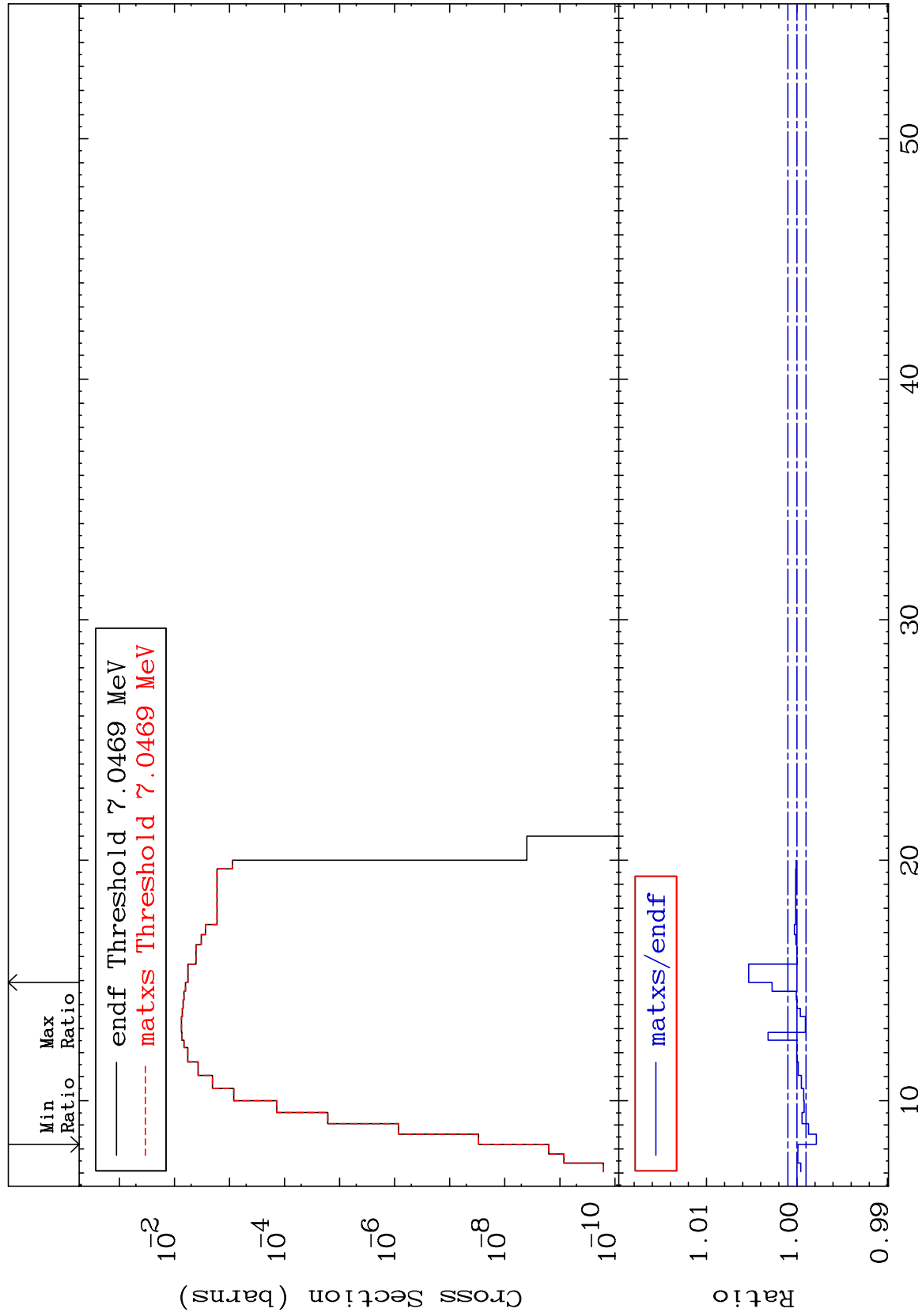
14-Si-29
-0.166 To 0.576 %



MAT 1428

6.878 MeV (n, α') Level
Cross Section

14-Si-29
-0.215 To 0.534 %



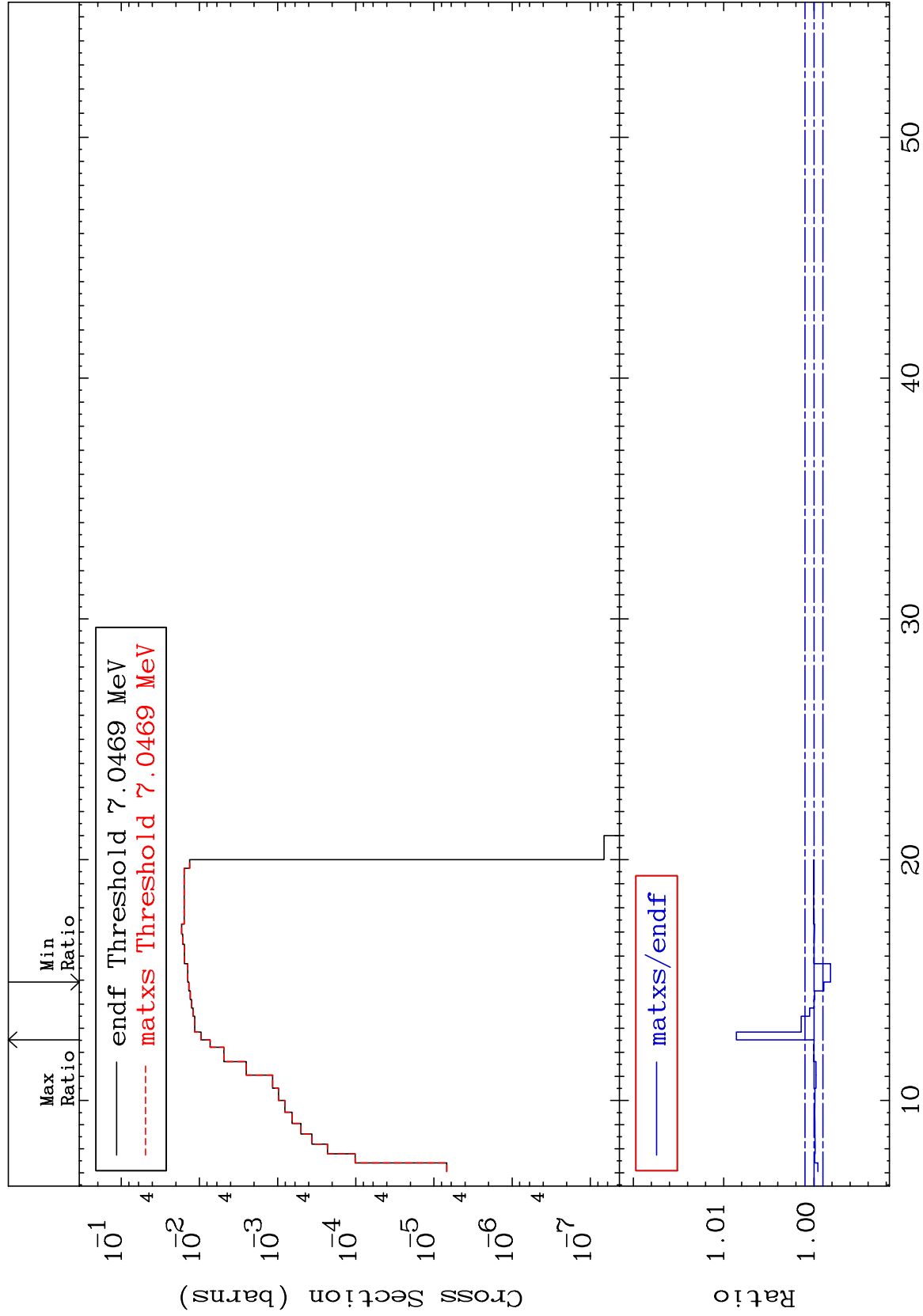
61

14-Si-29

MAT 1428

7.000 MeV (n,α') Level
Cross Section

14-Si-29
-0.182 To 0.860 %



62

Incident Energy (MeV)

14-Si-29