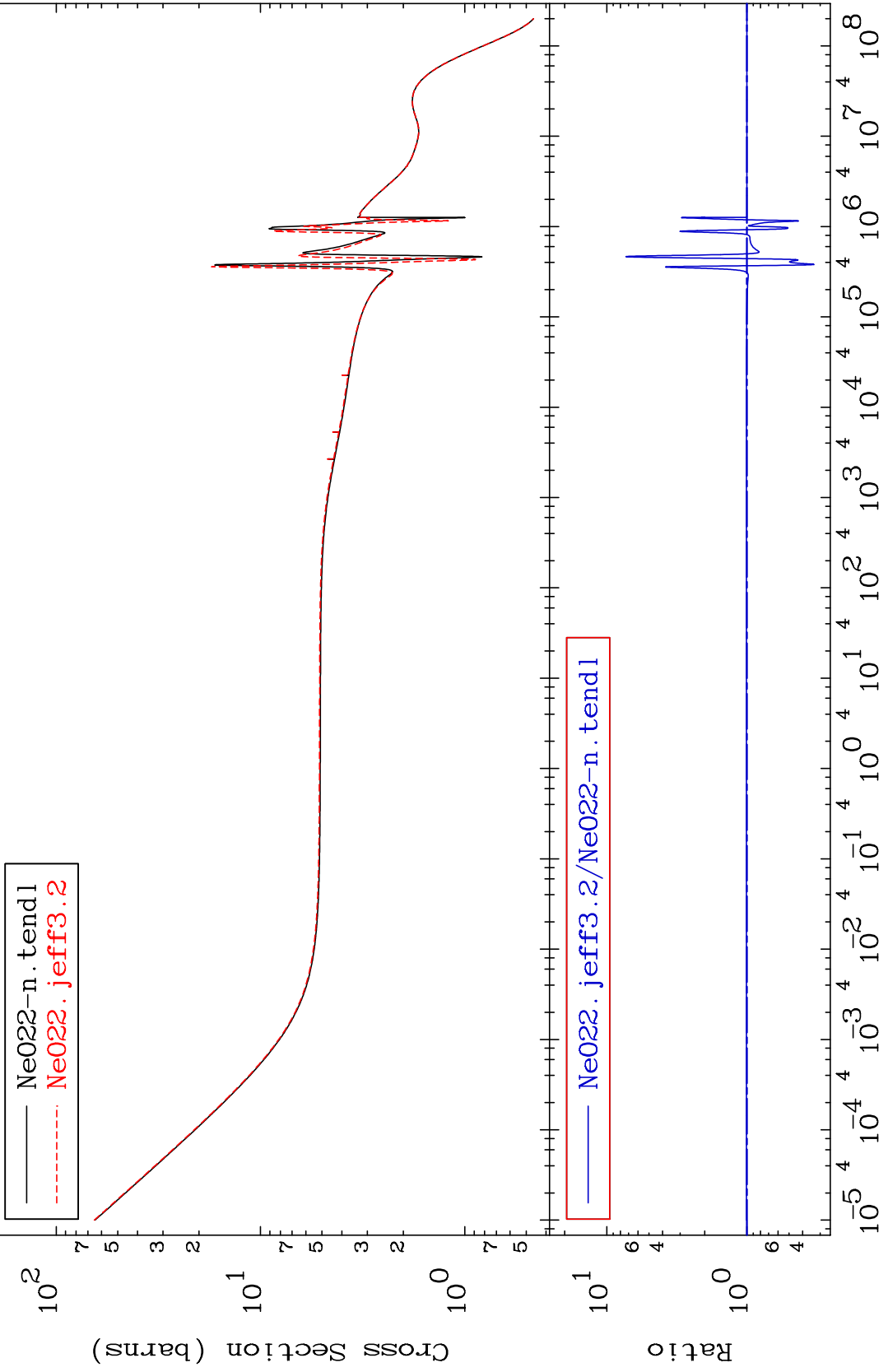


MAT 1031

Total
Cross Section

10-Ne-22
-66.96 To 633.2 %



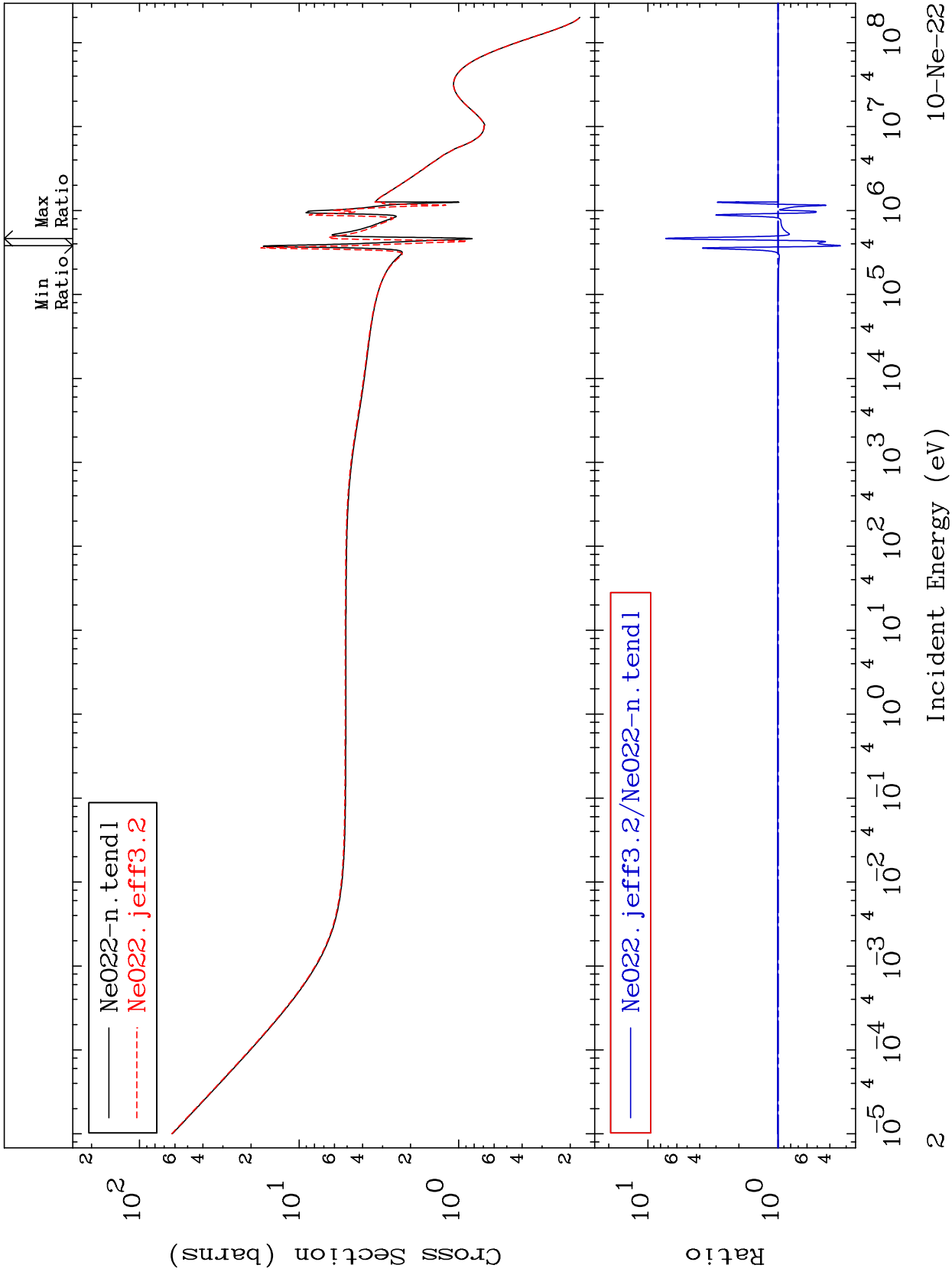
Incident Energy (eV)

10-Ne-22

MAT 1031

Elastic
Cross Section

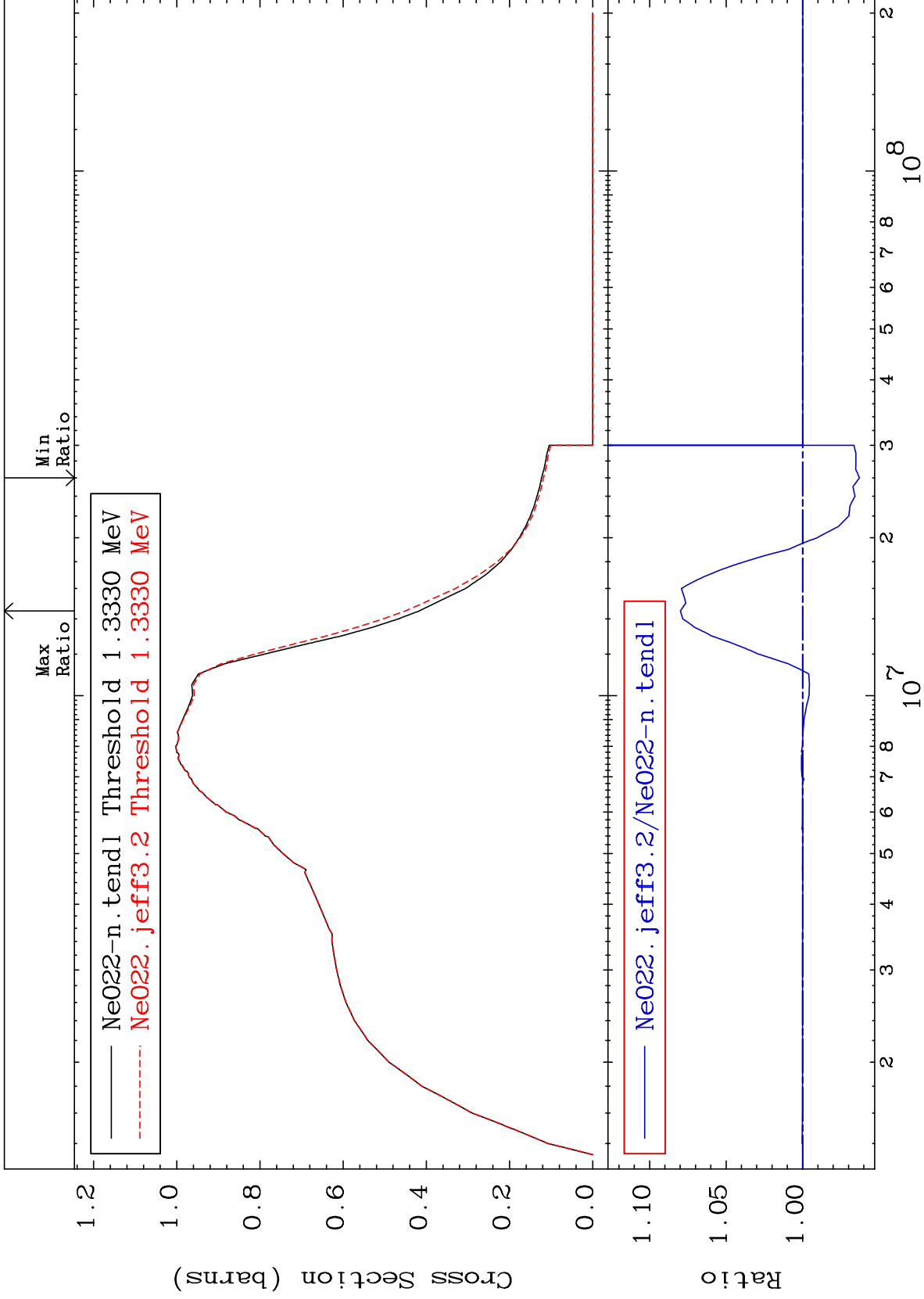
10-Ne-22
-66.96 To 633.2 %



MAT 1031

Inelastic
Cross Section

10-Ne-22
-3.713 To 7.989 %



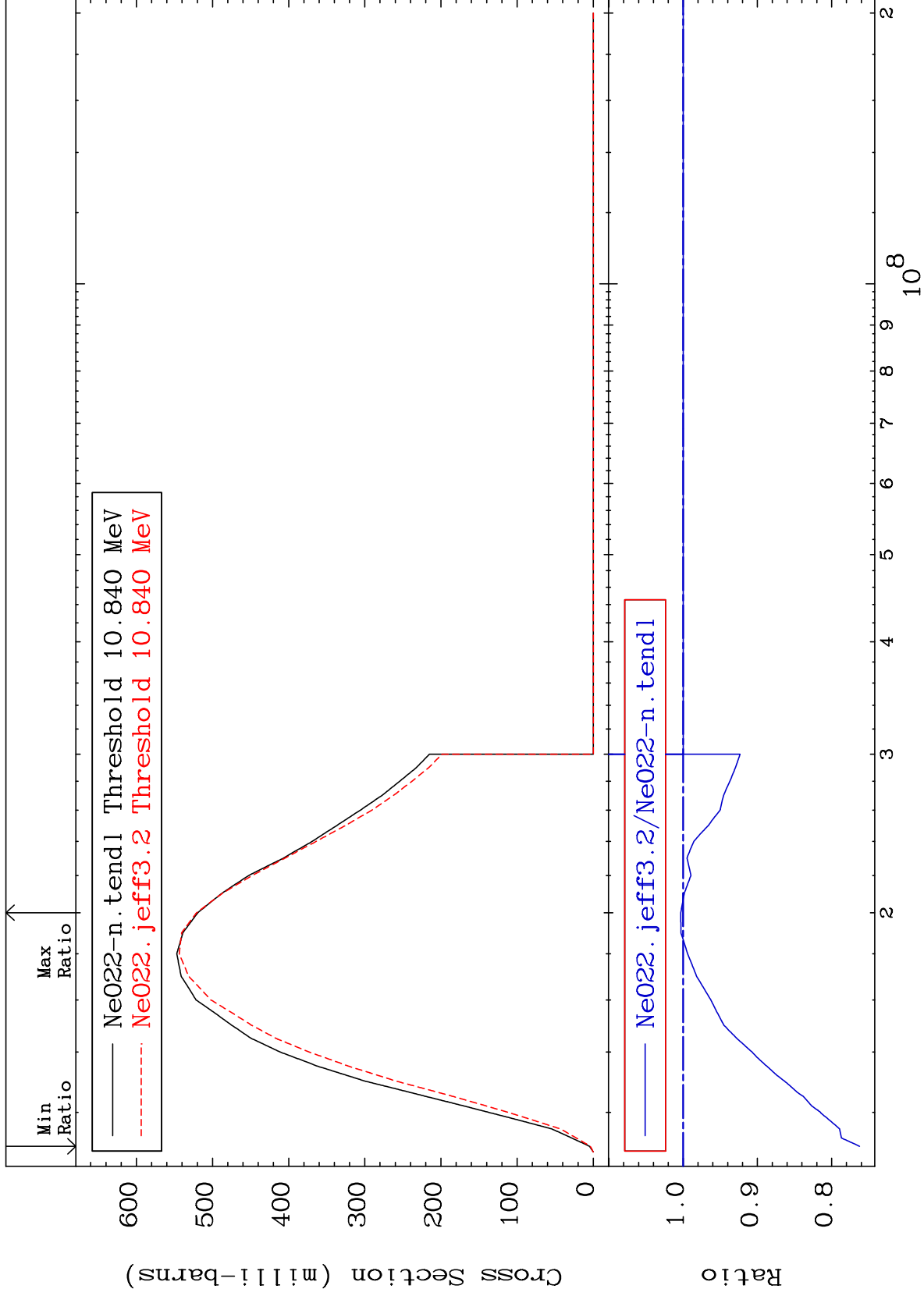
MAT 1031

(n,2n)

10-Ne-22

Cross Section

-23.75 To 0.324 %



4

Incident Energy (eV)

10-Ne-22

MAT 1031

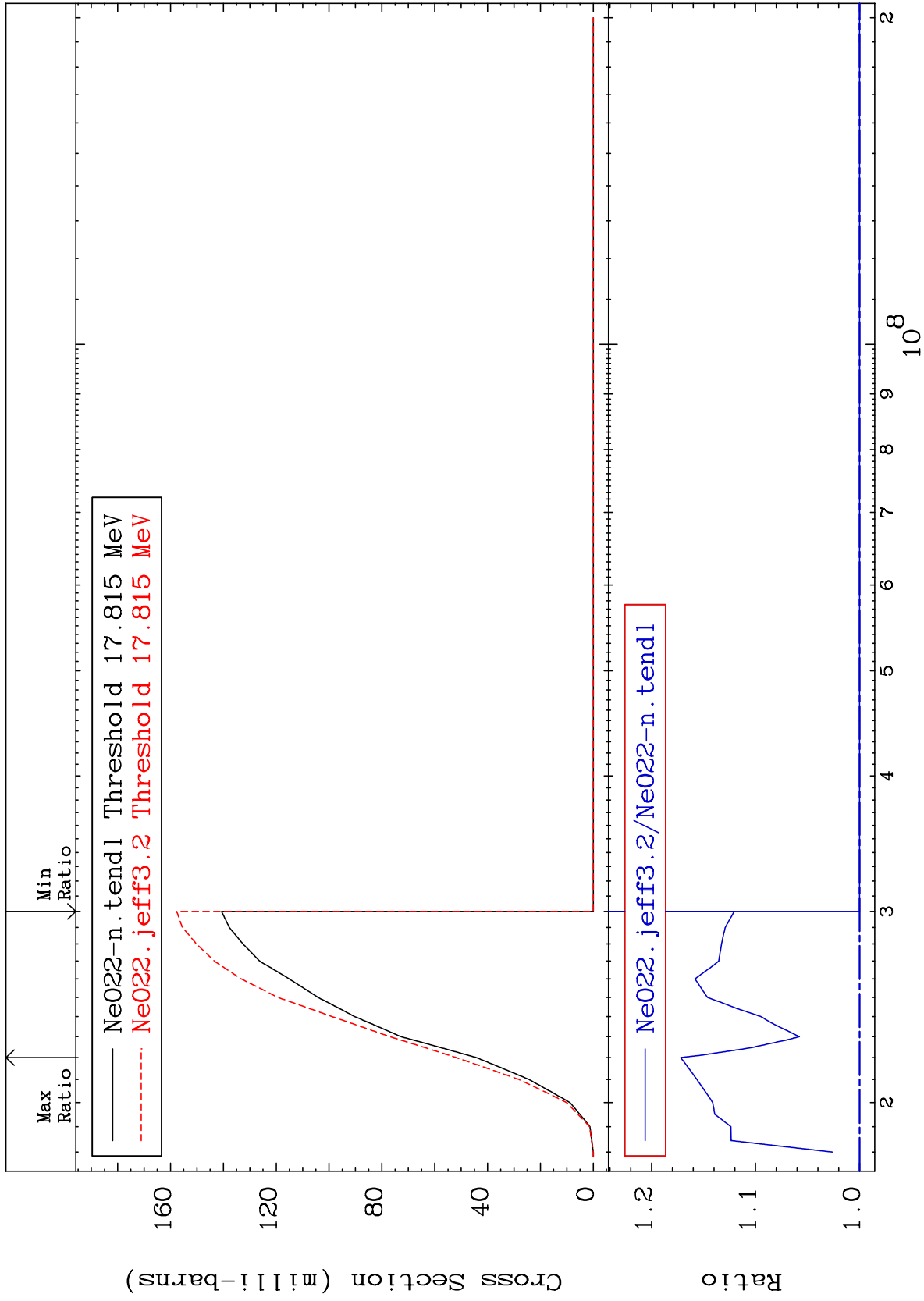
(n,3n)

10-Ne-22

Cross Section

0.000

To 17.19 %



5

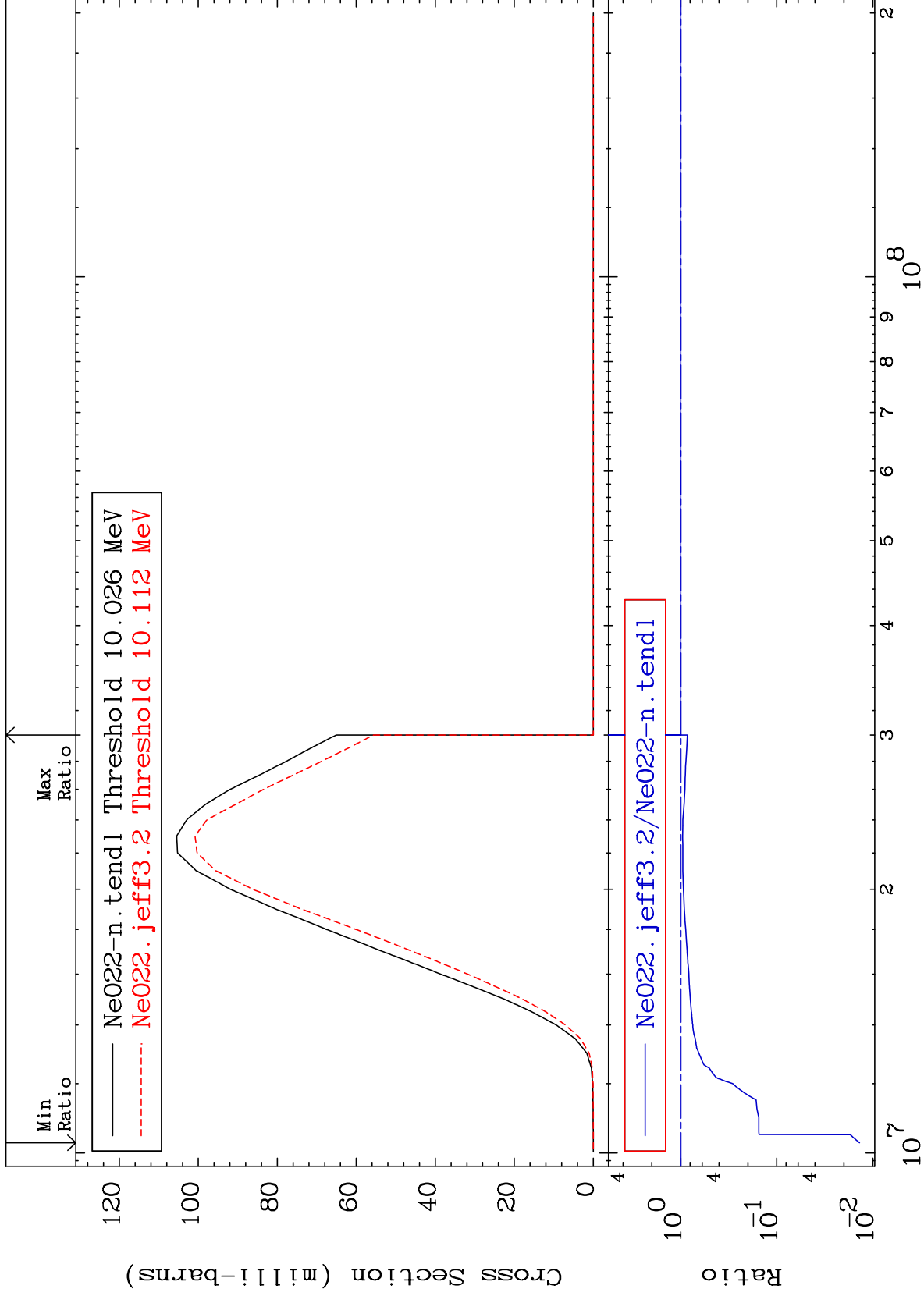
Incident Energy (eV)

10-Ne-22

MAT 1031

(n, n') α
Cross Section

10-Ne-22
-98.63 To 0.000 %

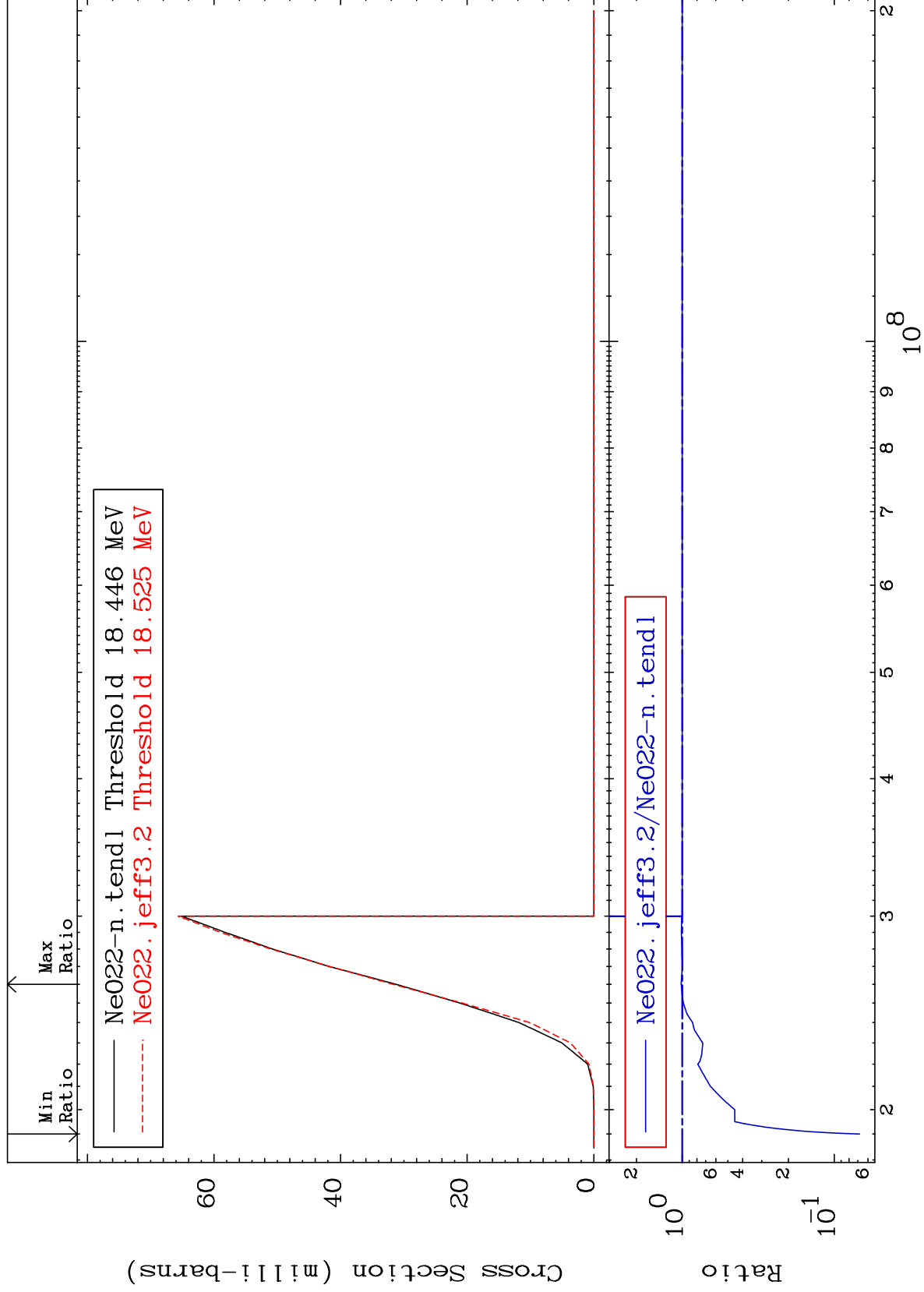


10-Ne-22

MAT 1031

(n,2n) α
Cross Section

10-Ne-22
-93.19 To 1.534 %



7

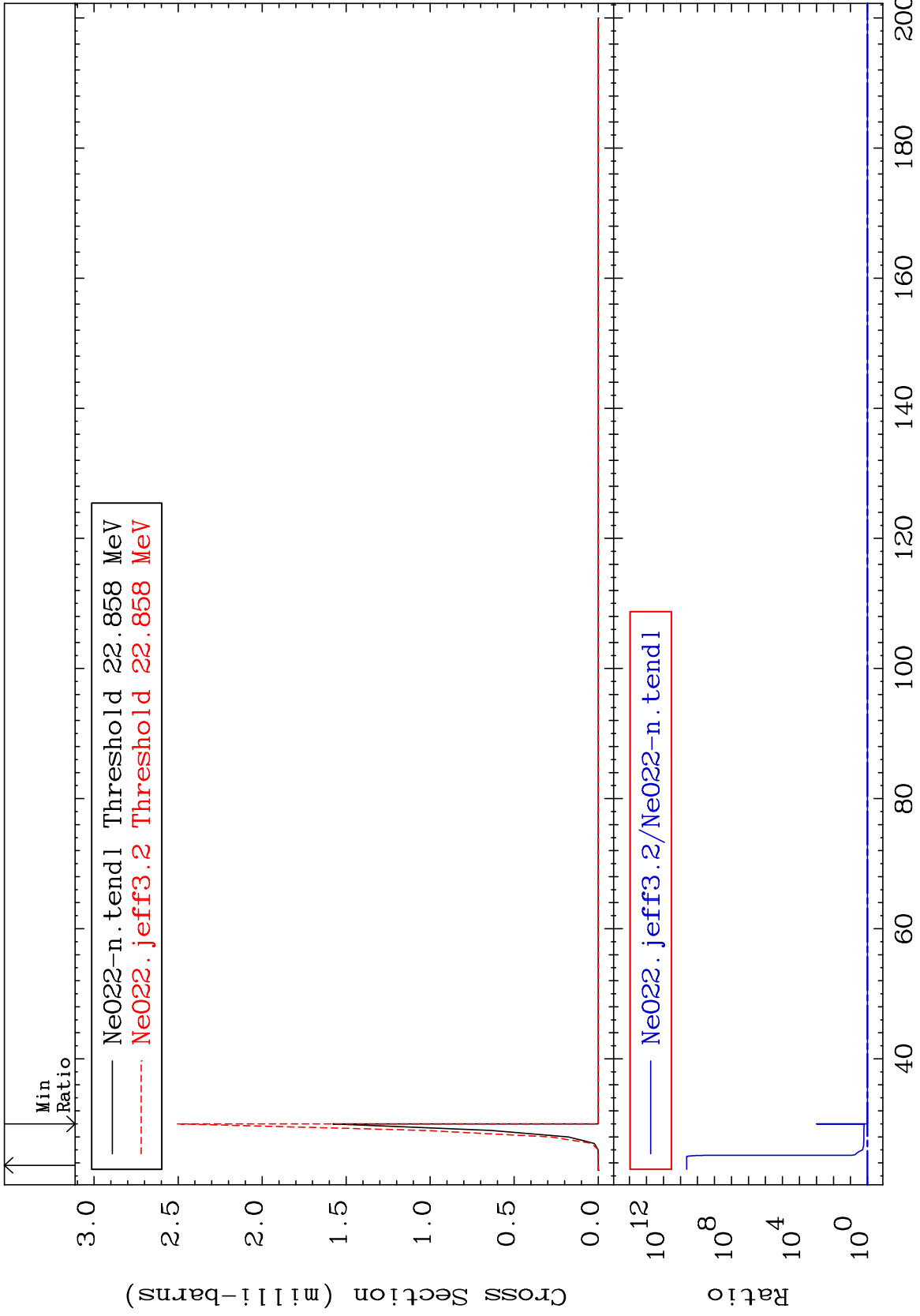
10-Ne-22

10-Ne-22

MAT 1031

(n,3n) α
Cross Section

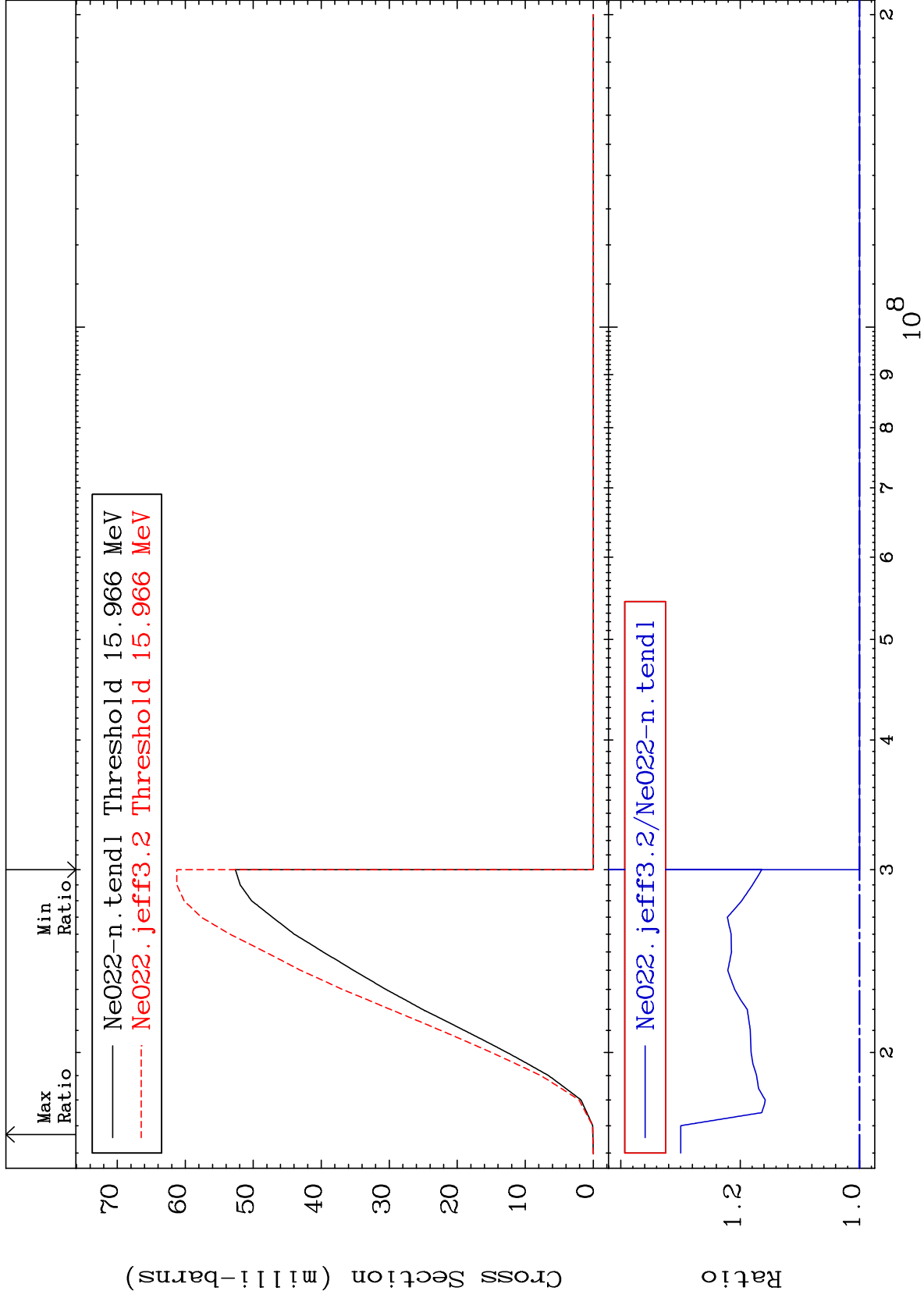
10-Ne-22
To 9999. %
0.000



MAT 1031

(n,n') p
Cross Section

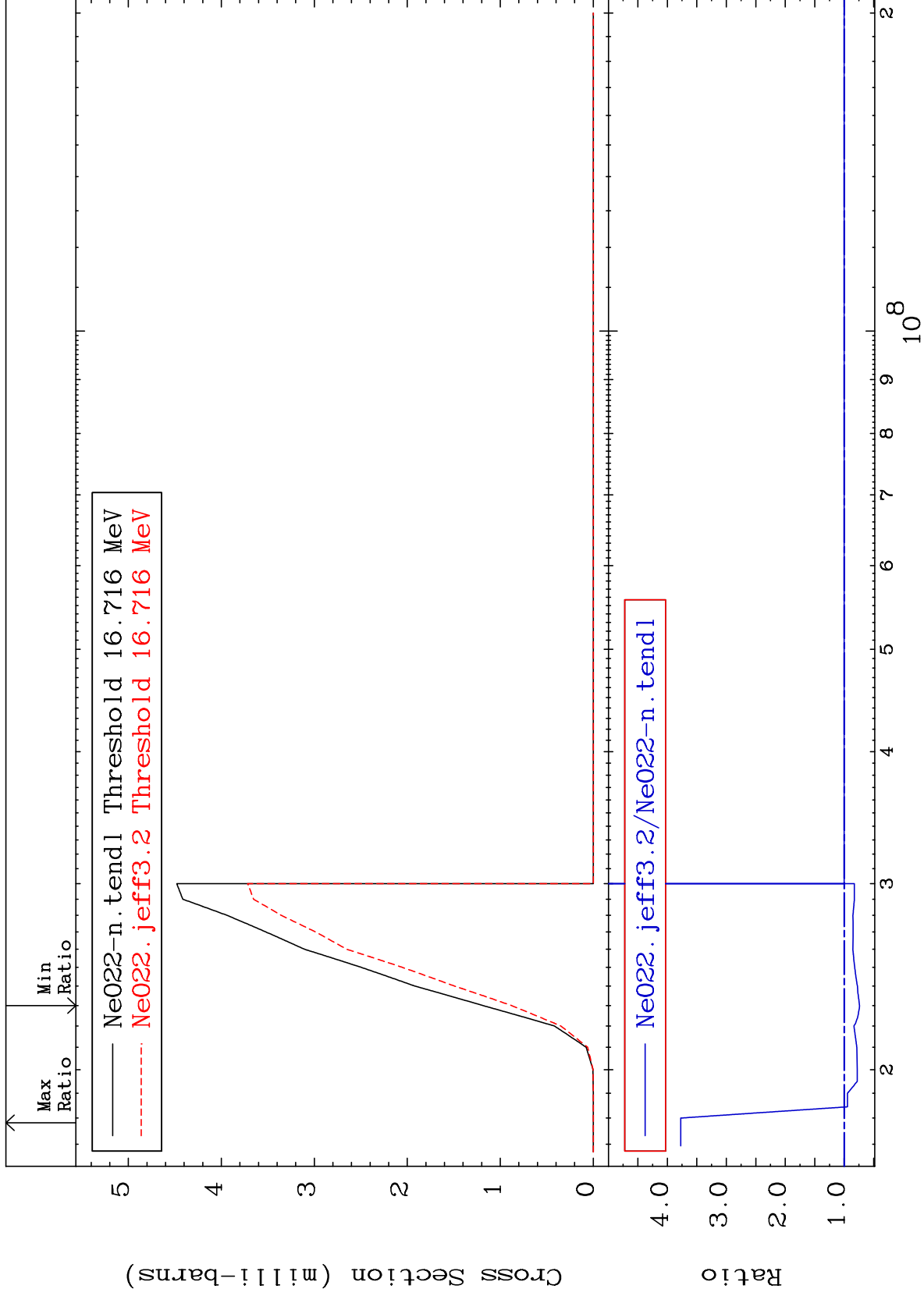
10-Ne-22
To 29.96 %



MAT 1031

(n,n') 2 α
Cross Section

10-Ne-22
-25.95 To 277.2 %

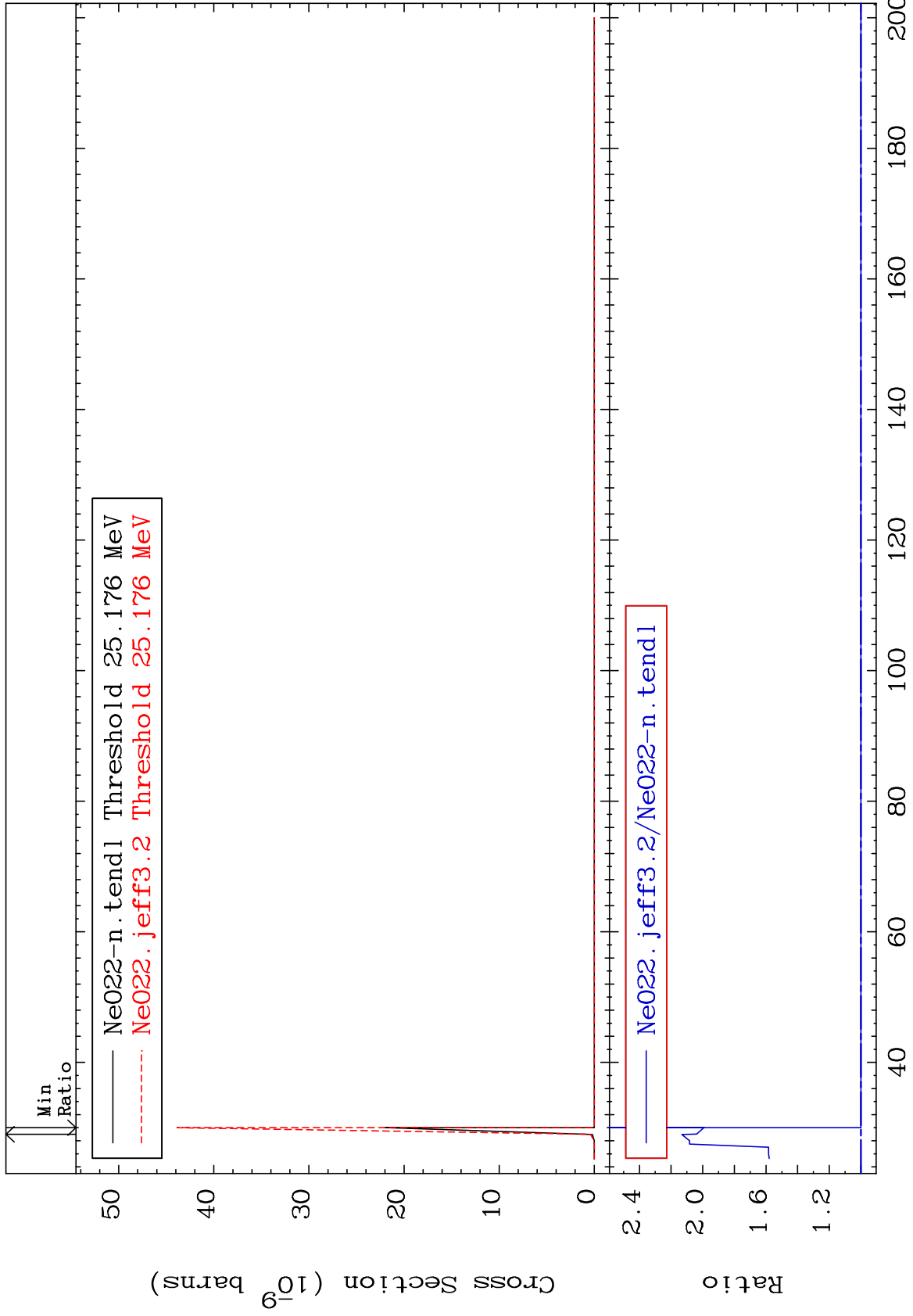


10

MAT 1031

(n,2n) 2α
Cross Section

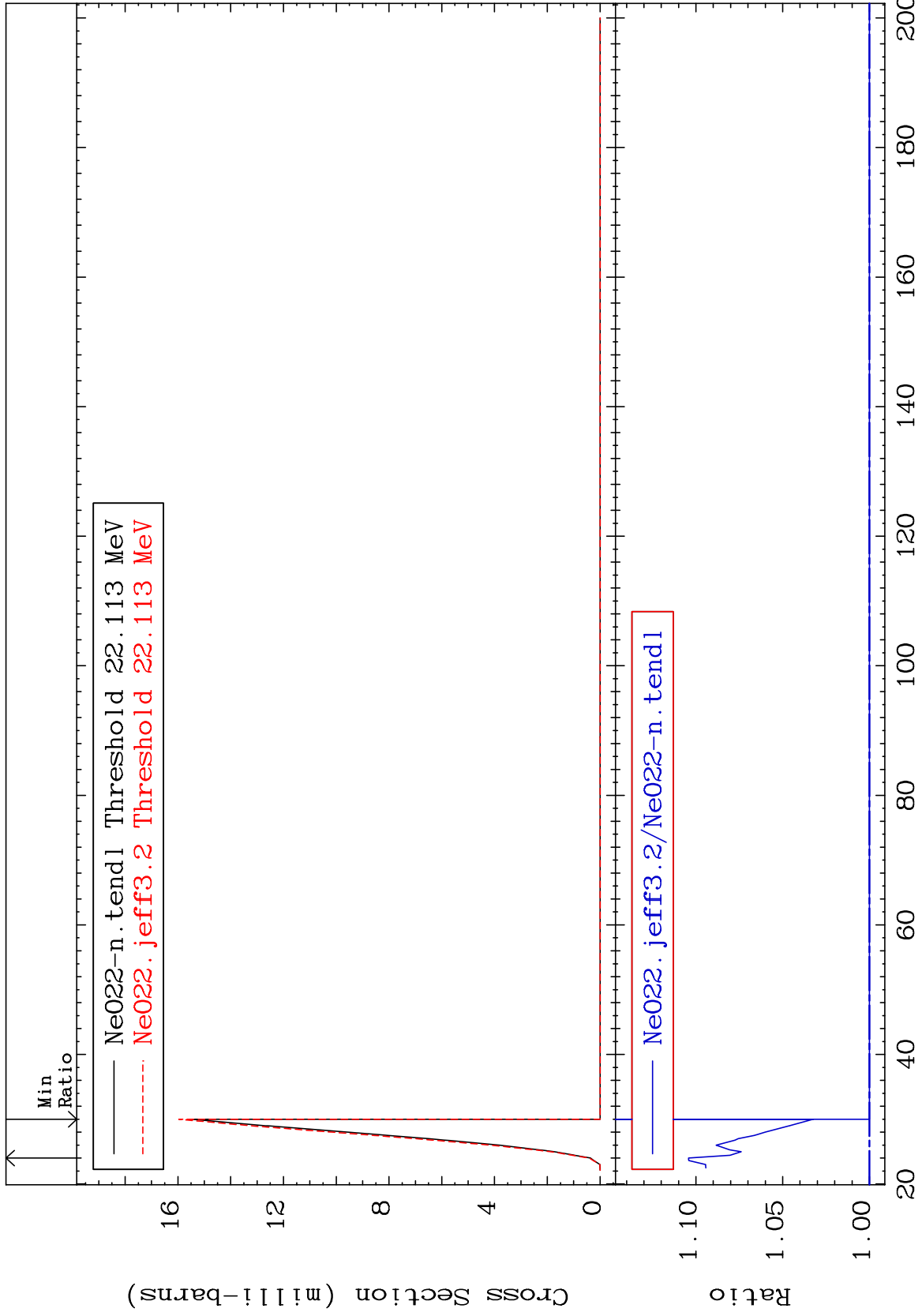
10-Ne-22
0.000 To 113.2 %



MAT 1031

(n, n') d
Cross Section

10-Ne-22
To 10.42 %
0.000



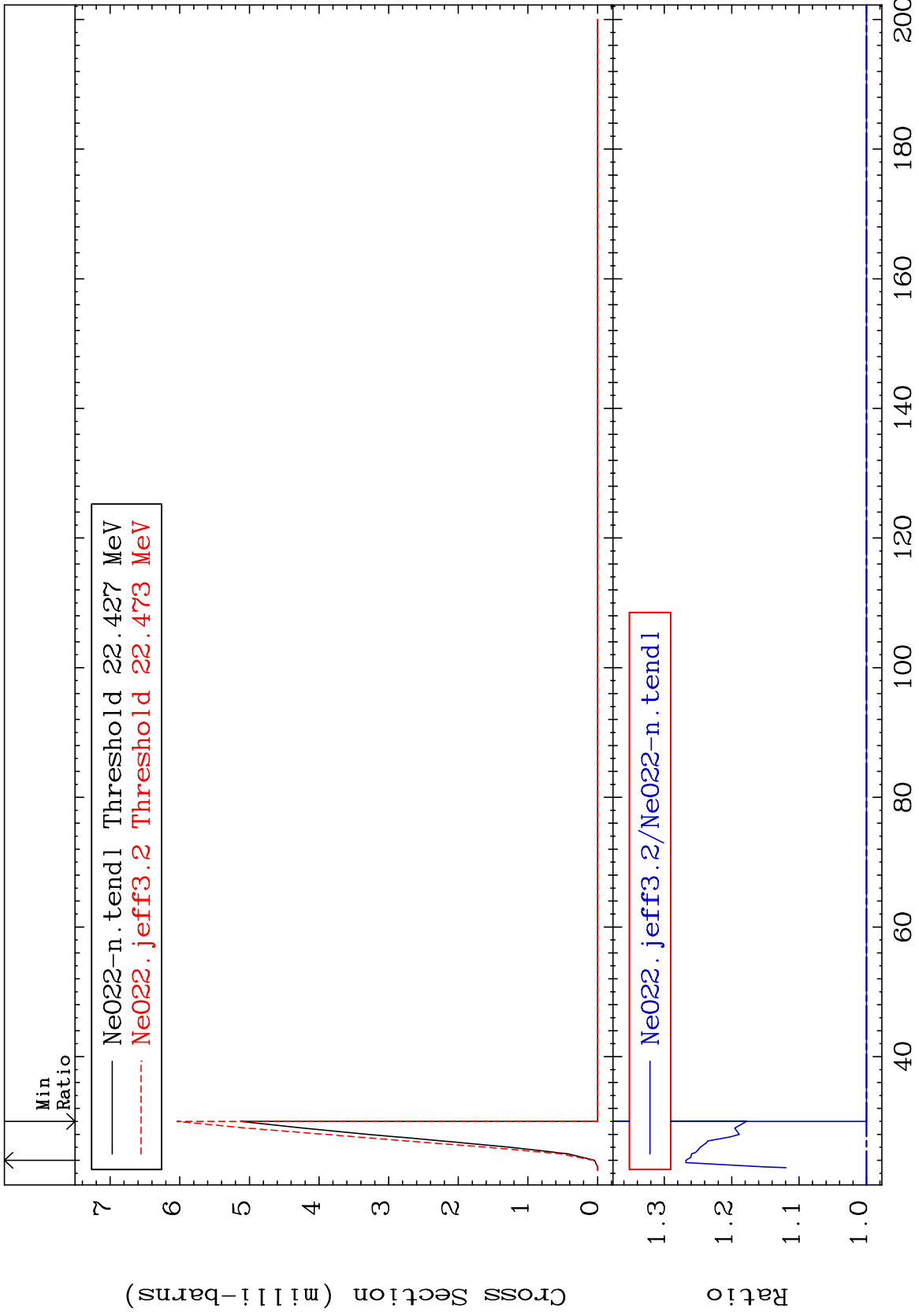
12

10-Ne-22

MAT 1031

(n,n') t
Cross Section

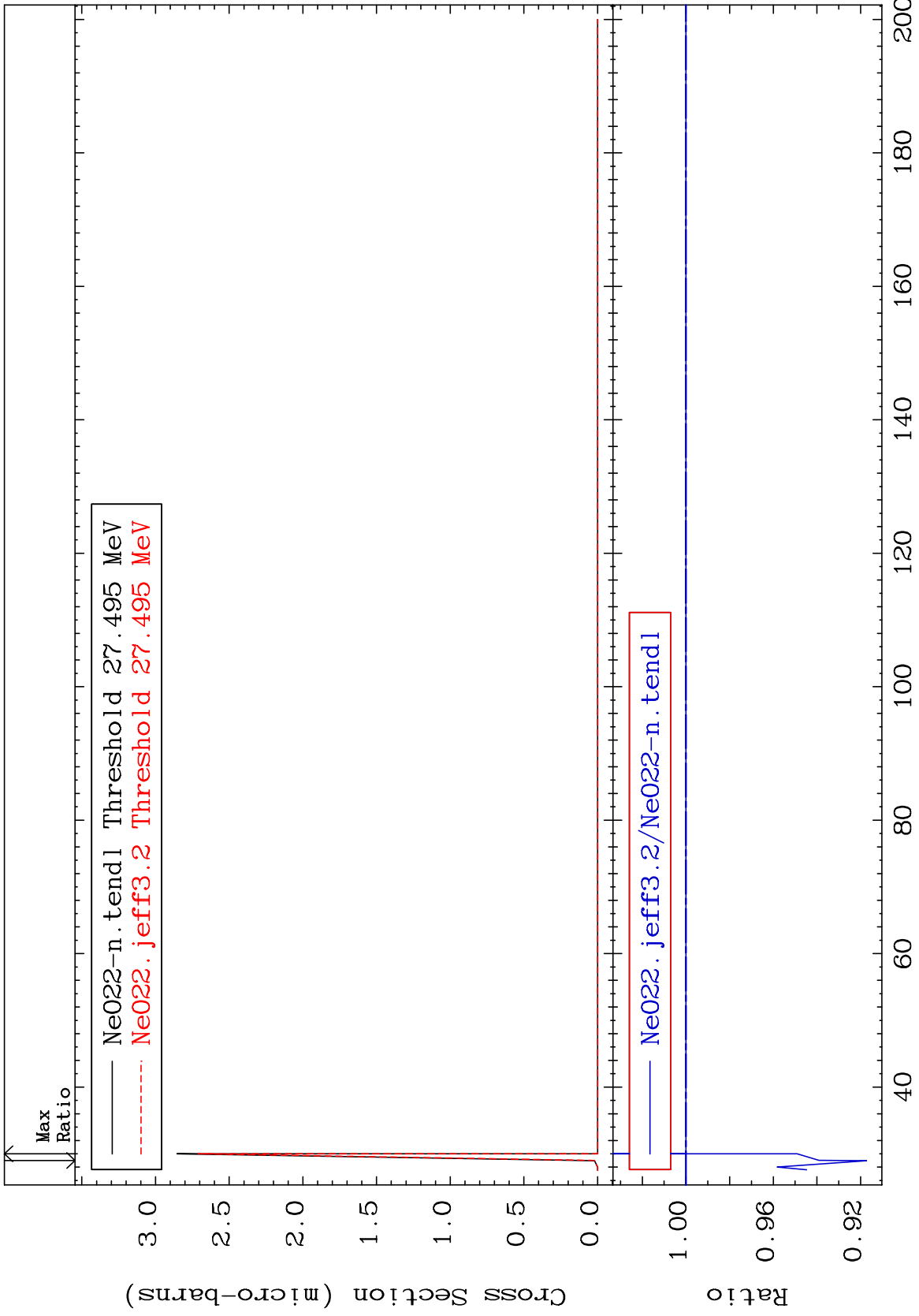
10-Ne-22
To 26.78 %
0.000



MAT 1031

(n, n') He-3
Cross Section

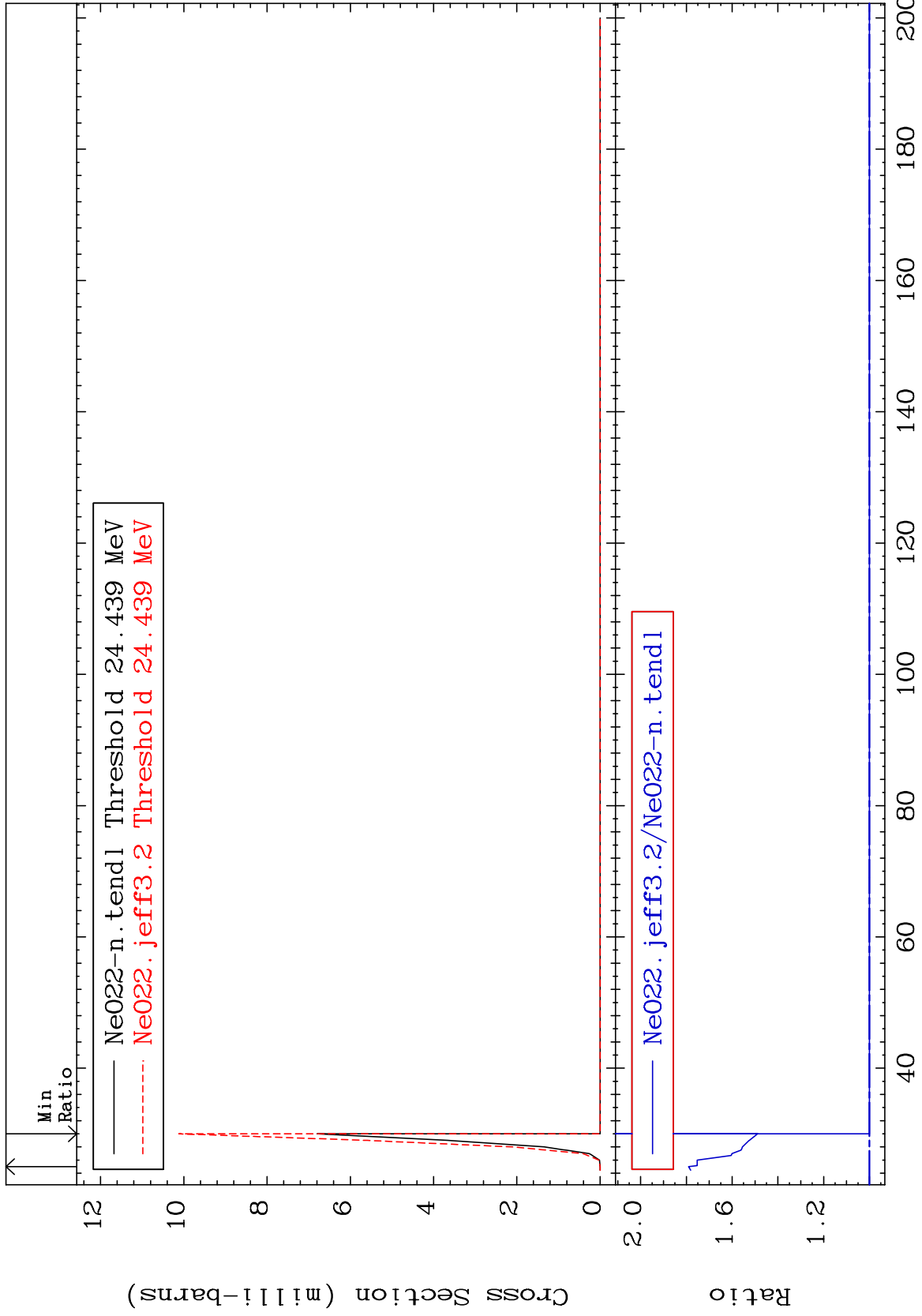
10-Ne-22
-8.271 To 0.000 %



MAT 1031

(n,2n) p
Cross Section

10-Ne-22
To 79.03 %
0.000



15

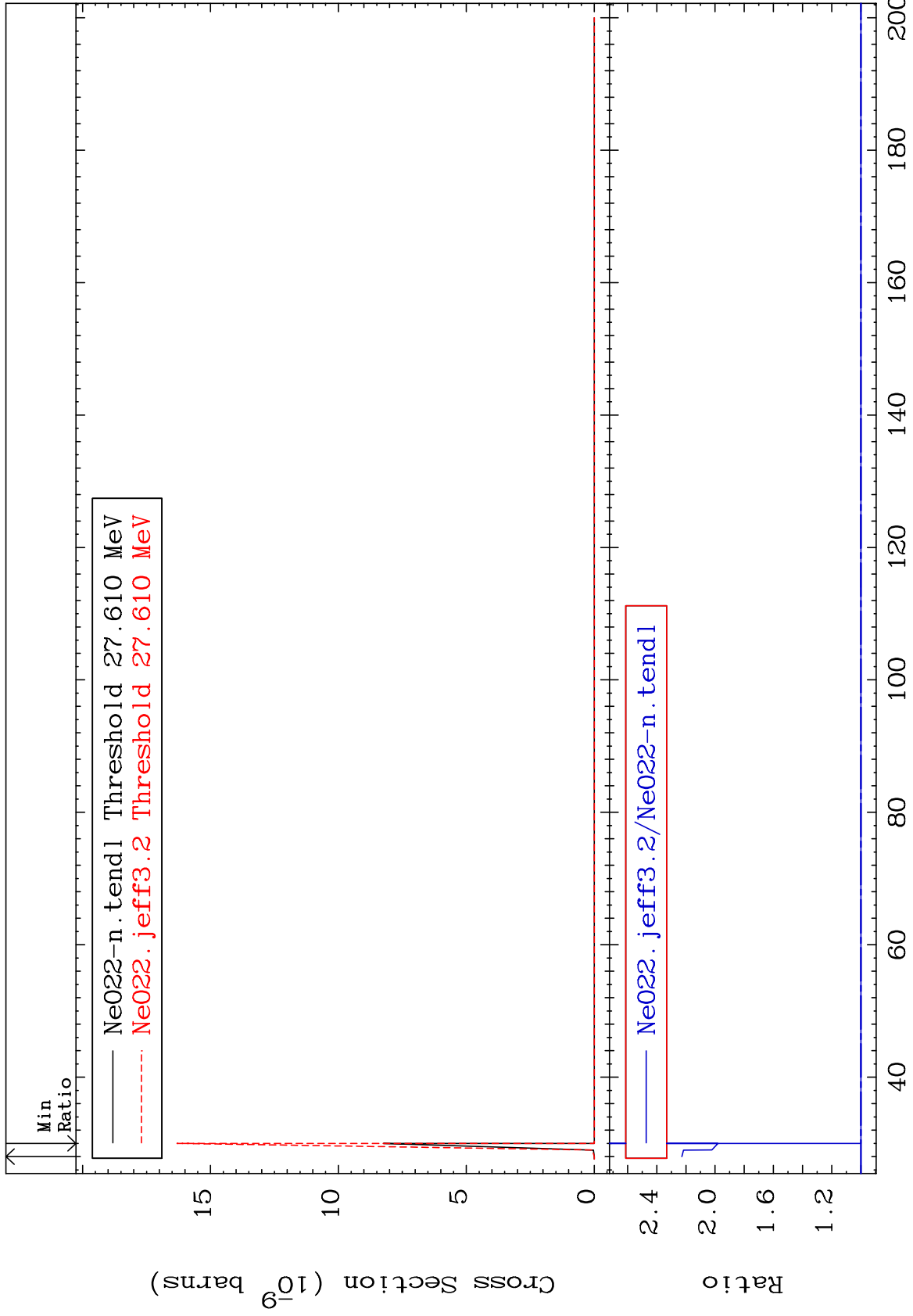
Incident Energy (MeV)

10-Ne-22

MAT 1031

(n,2n) p
Cross Section

10-Ne-22
0.000 To 122.8 %



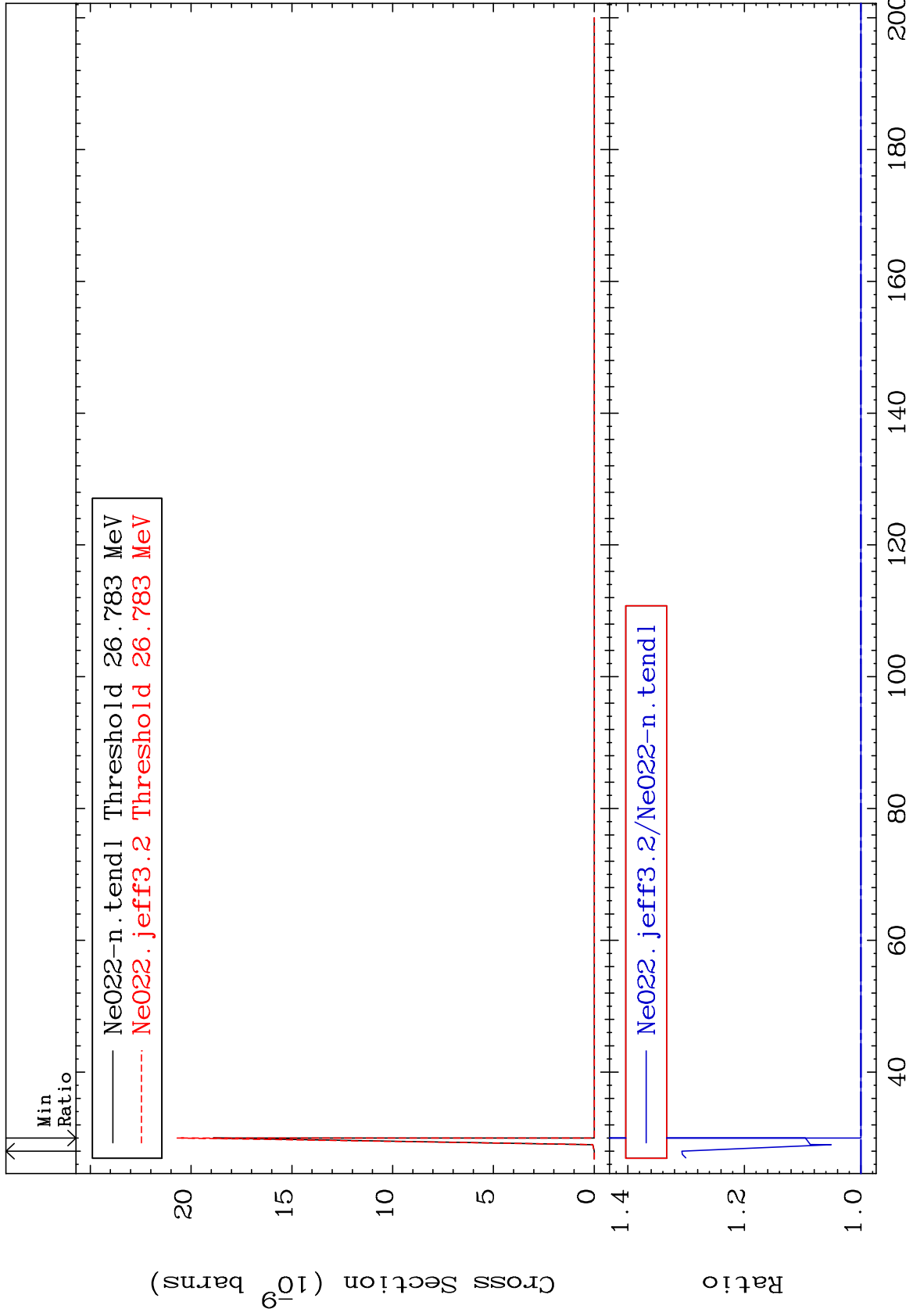
16

10-Ne-22

MAT 1031

(n,n') p α
Cross Section

10-Ne-22
To 30.73 %
0.000



17

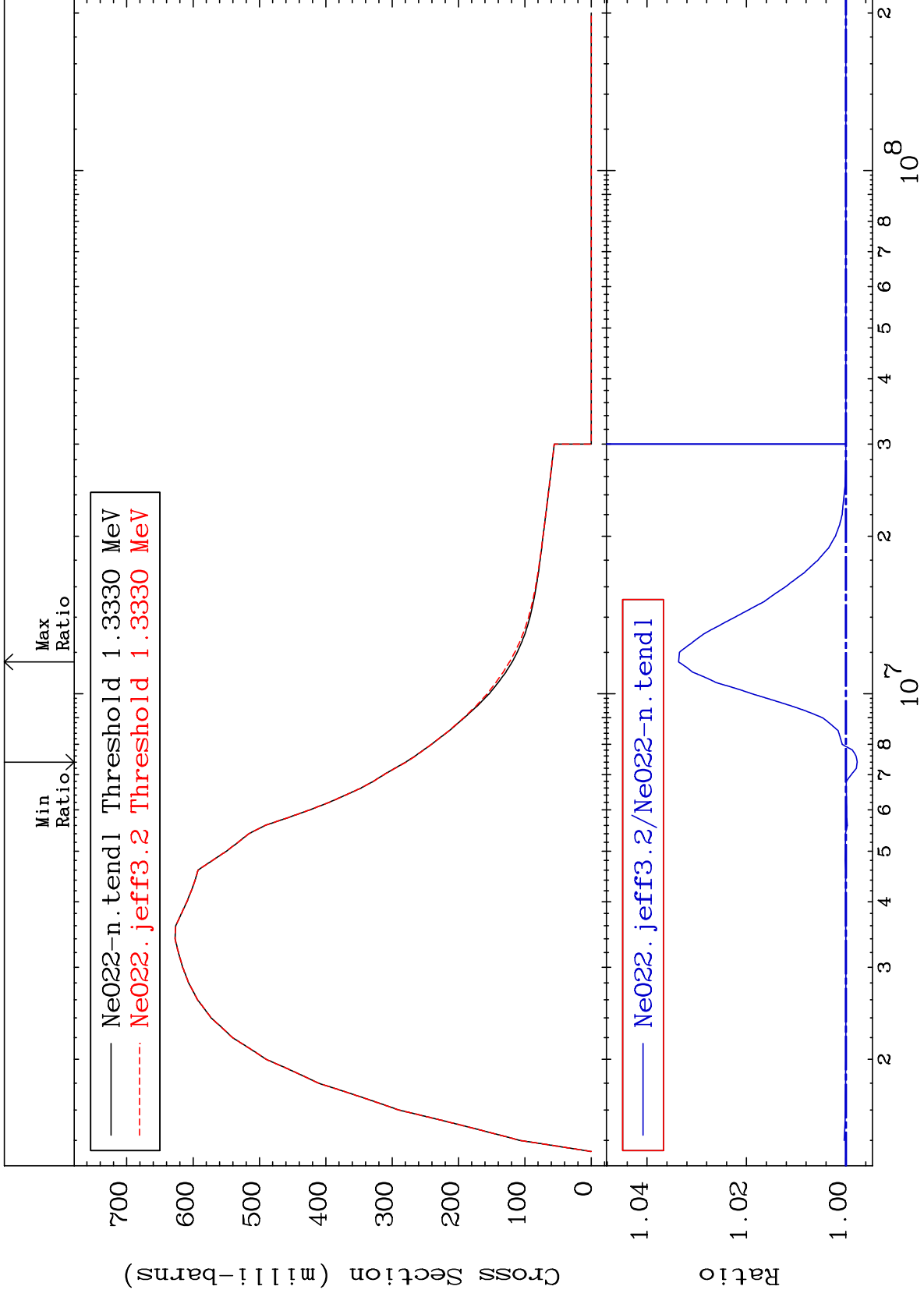
Incident Energy (MeV)

10-Ne-22

MAT 1031

1.275 MeV (n,n') Level
Cross Section

10-Ne-22
-0.229 To 3.365 %

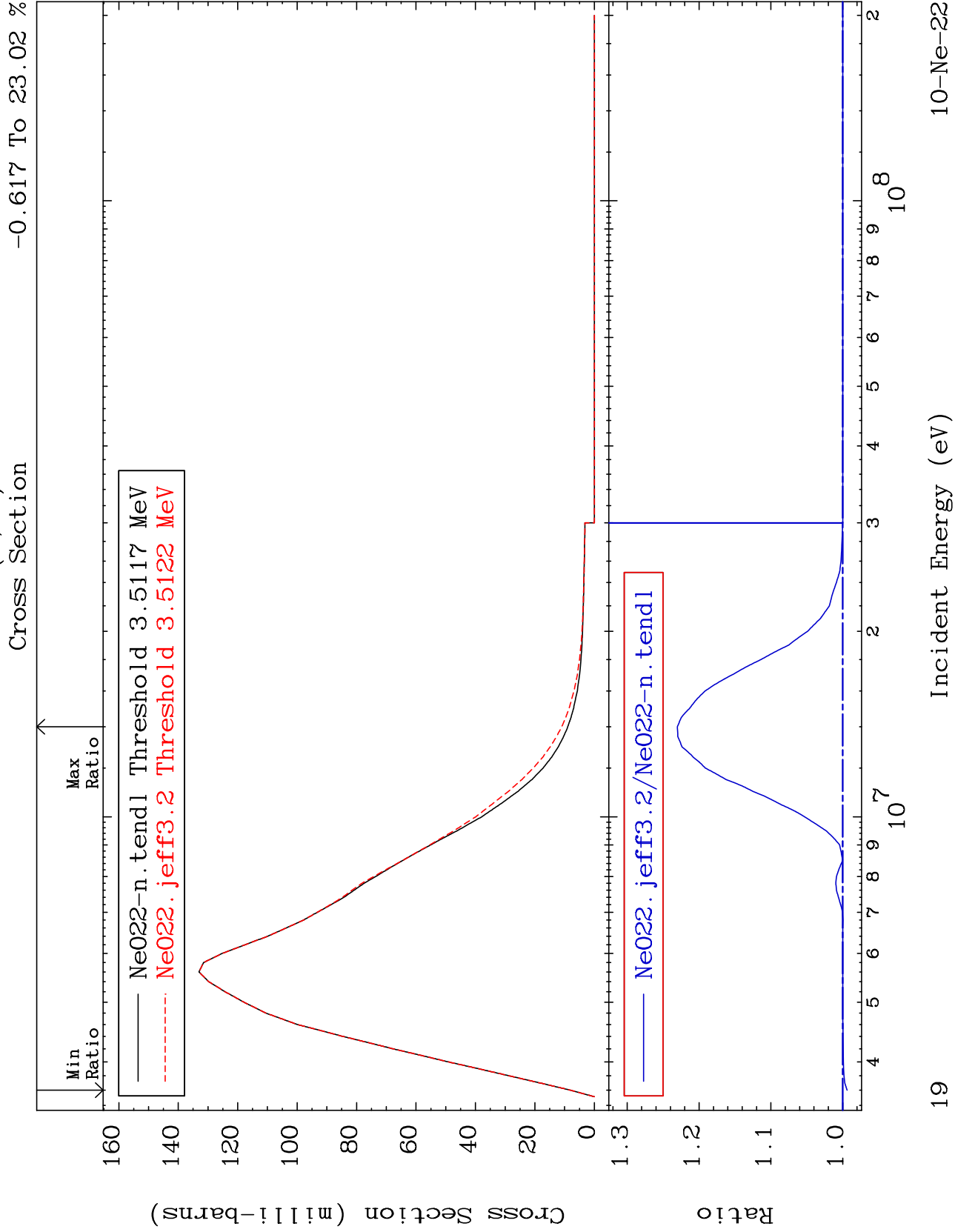


MAT 1031

3.358 MeV (n,n') Level

10-Ne-22

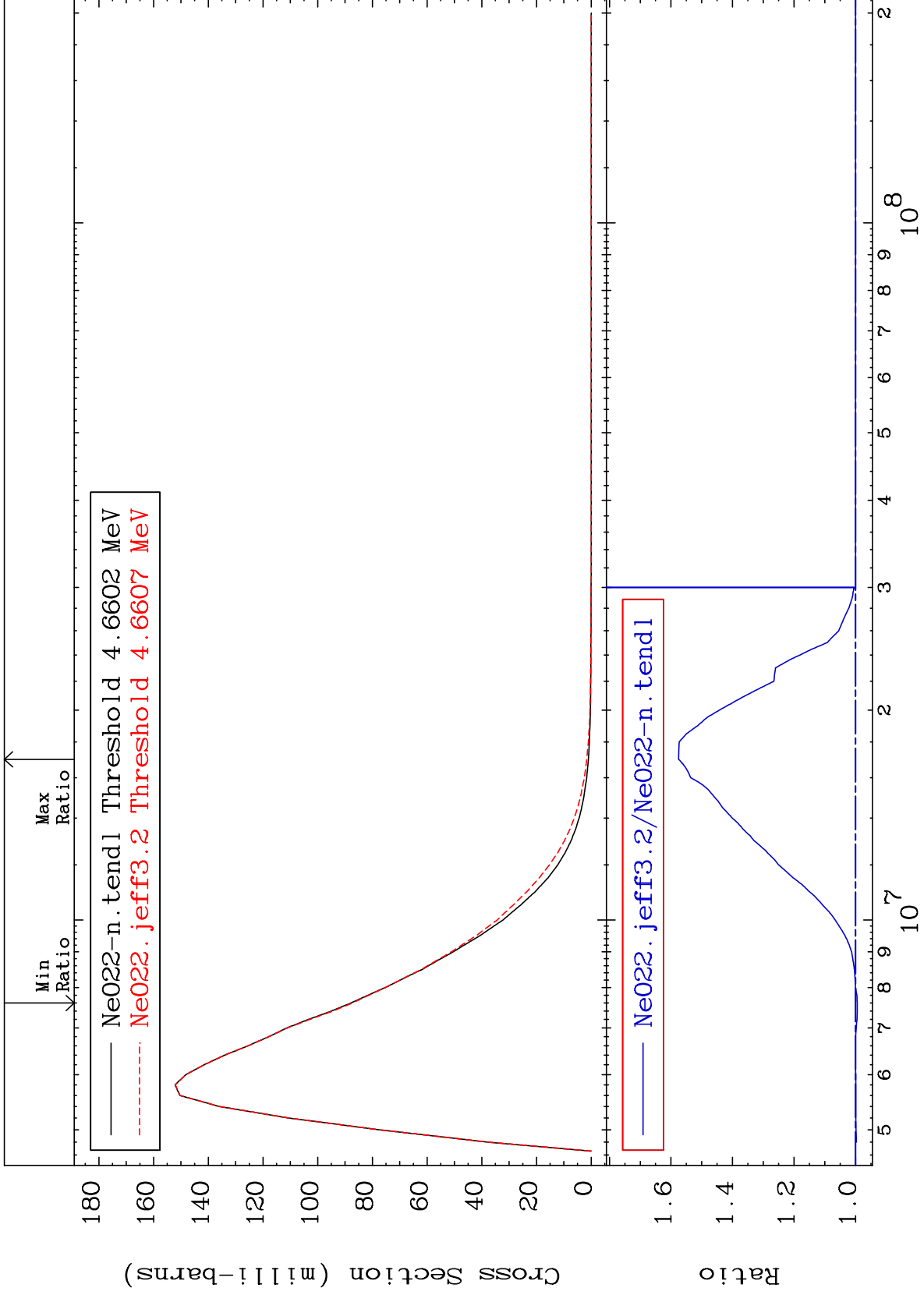
-0.617 To 23.02 %



MAT 1031

4.456 MeV (n,n') Level
Cross Section

10-Ne-22
-0.556 To 57.51 %



20

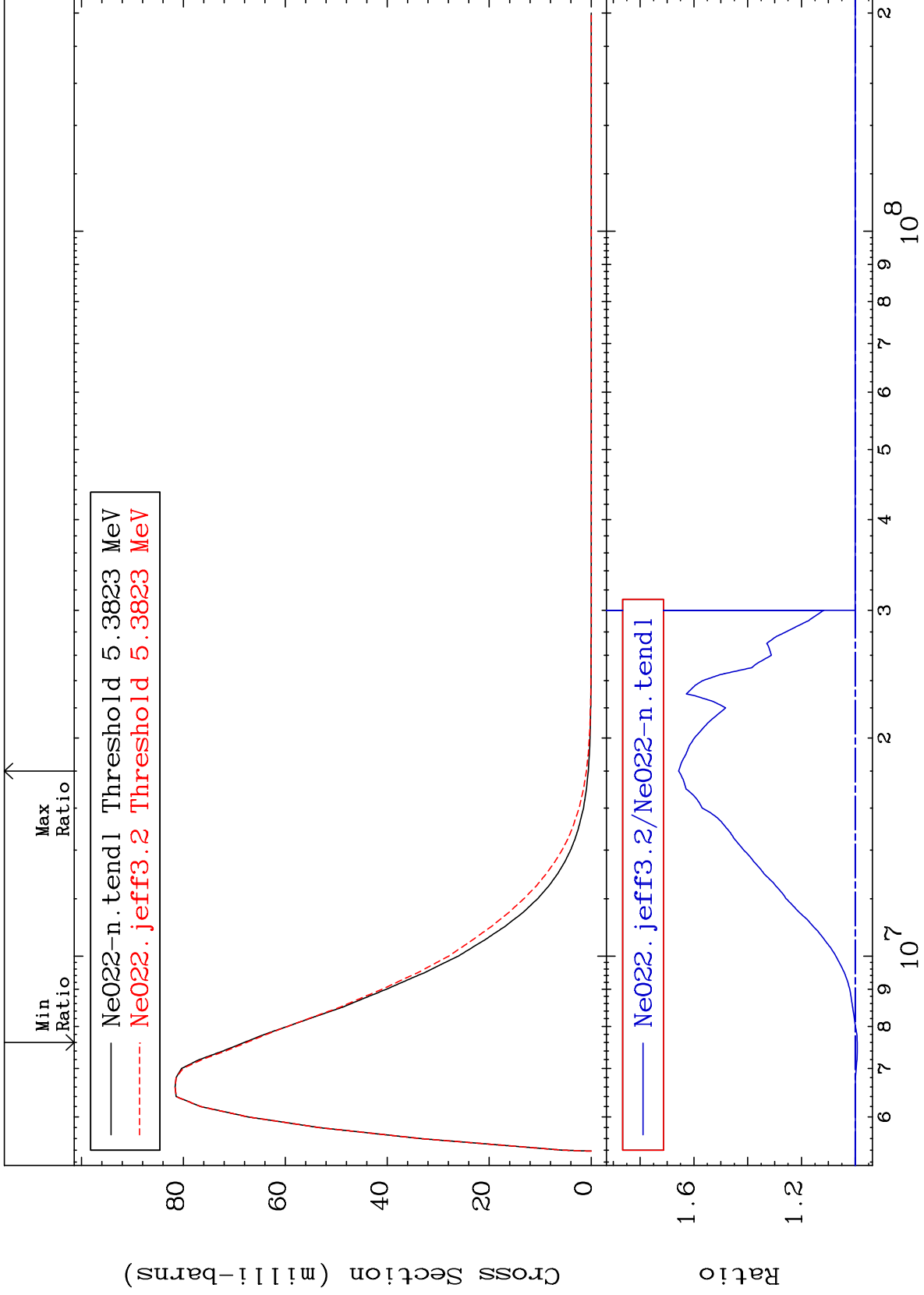
Incident Energy (eV)

10-Ne-22

MAT 1031

5.146 MeV (n,n') Level
Cross Section

10-Ne-22
-0.739 To 65.69 %



21

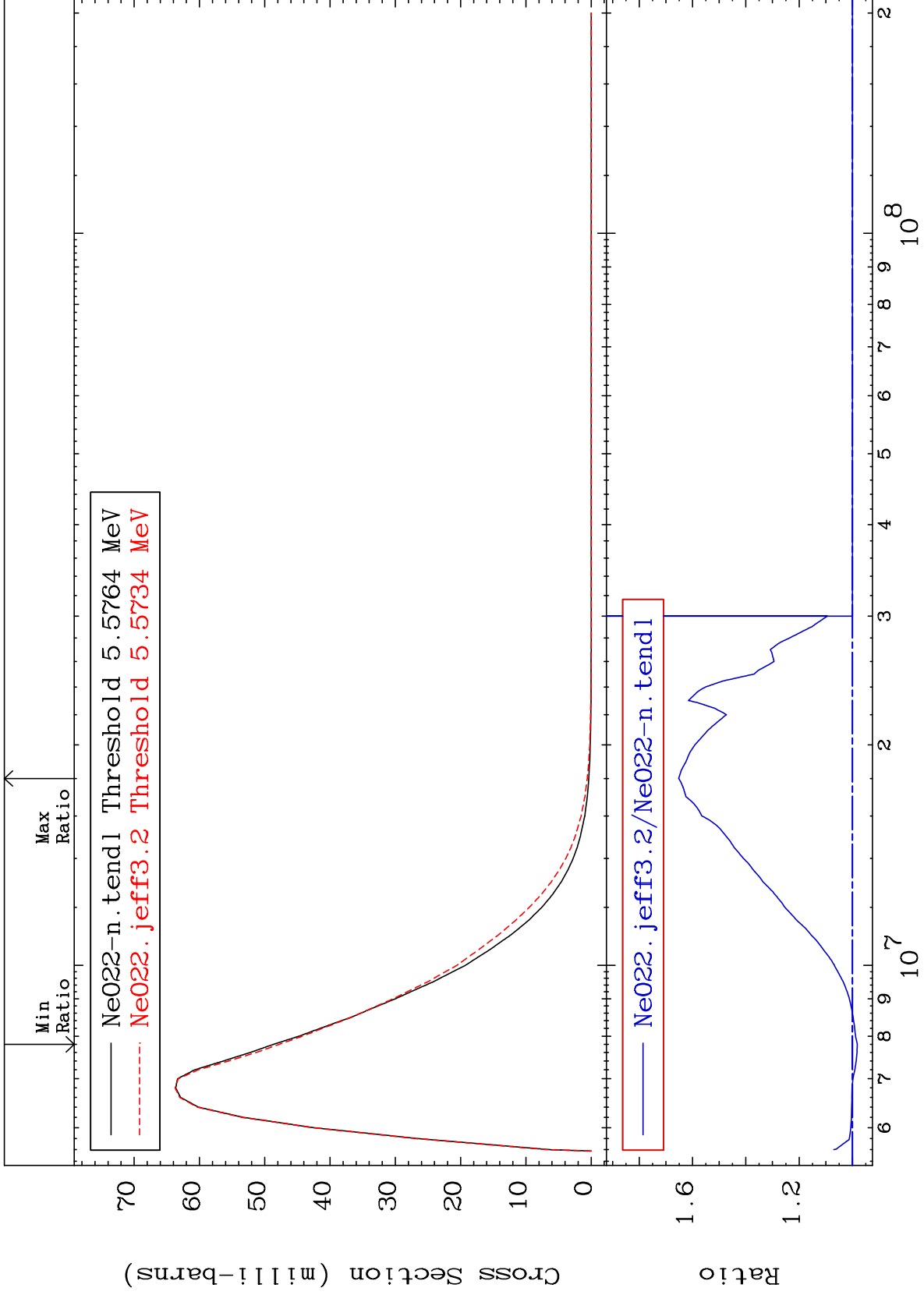
Incident Energy (eV)

10-Ne-22

MAT 1031

5.332 MeV (n,n') Level
Cross Section

10-Ne-22
-1.802 To 65.21 %

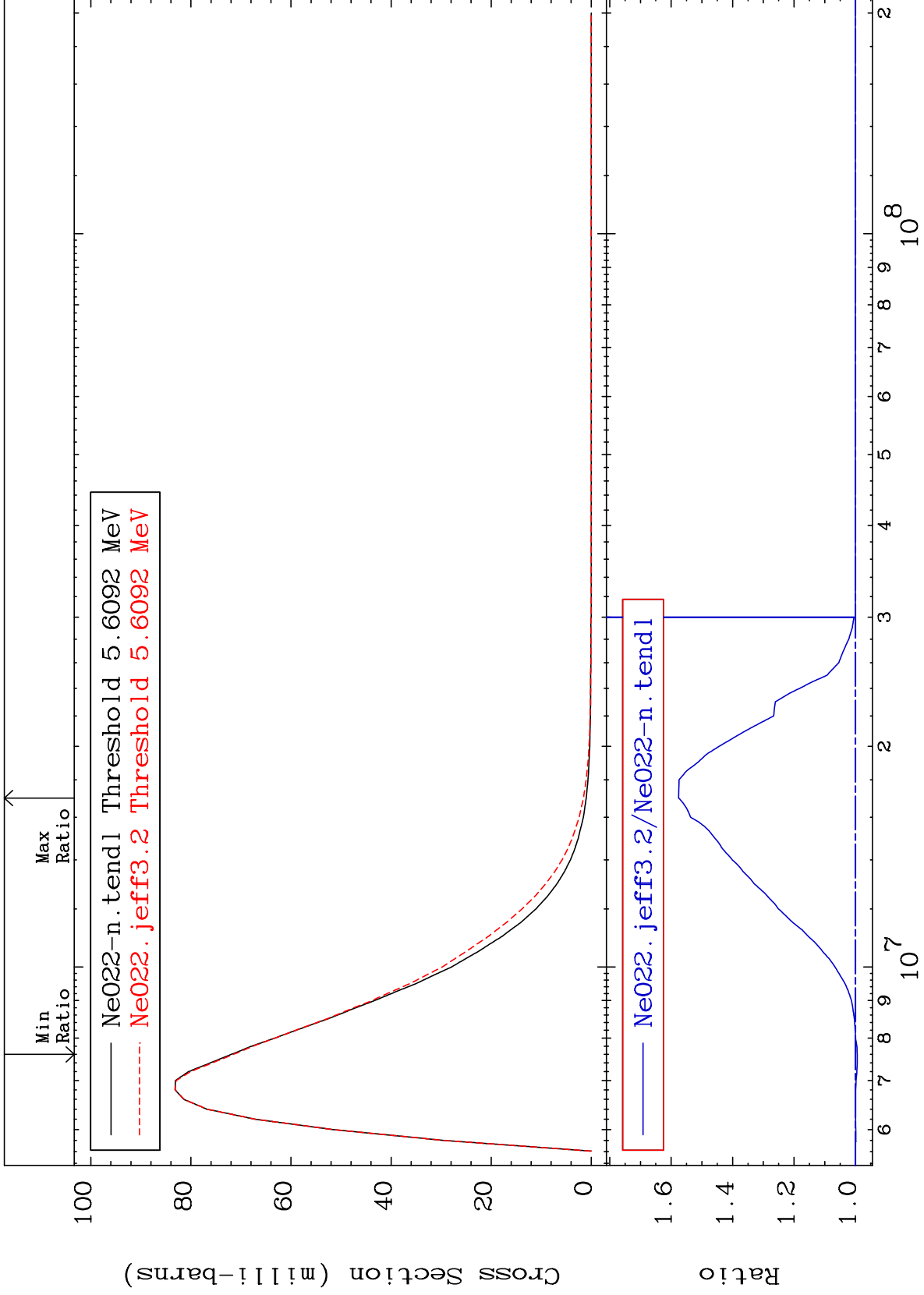


22

MAT 1031

5.363 MeV (n,n') Level
Cross Section

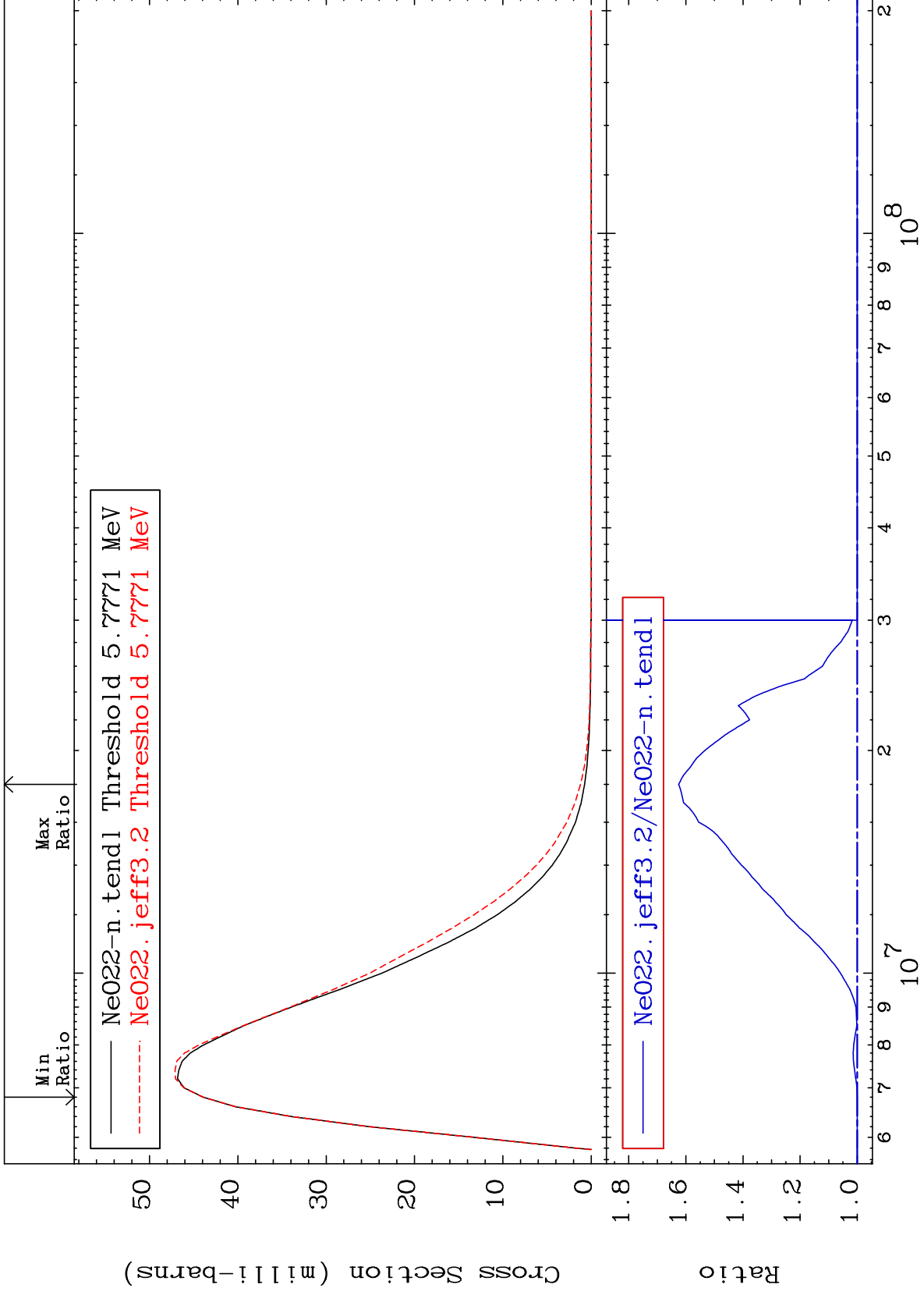
10-Ne-22
-0.580 To 57.57 %



MAT 1031

5.524 MeV (n,n') Level
Cross Section

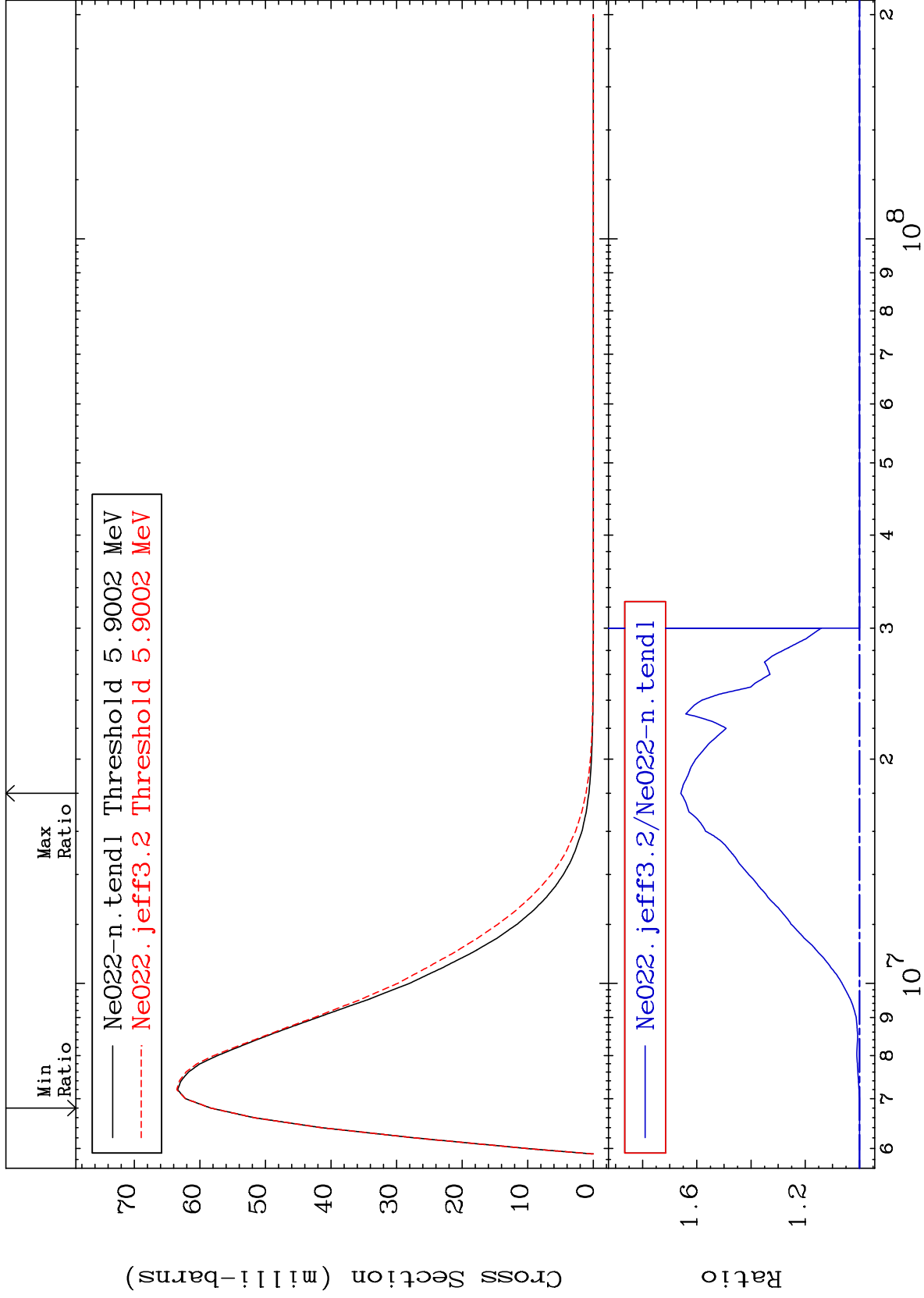
10-Ne-22
-0.015 To 62.53 %



MAT 1031

5.641 MeV (n,n') Level
Cross Section

10-Ne-22
-0.014 To 65.93 %



25

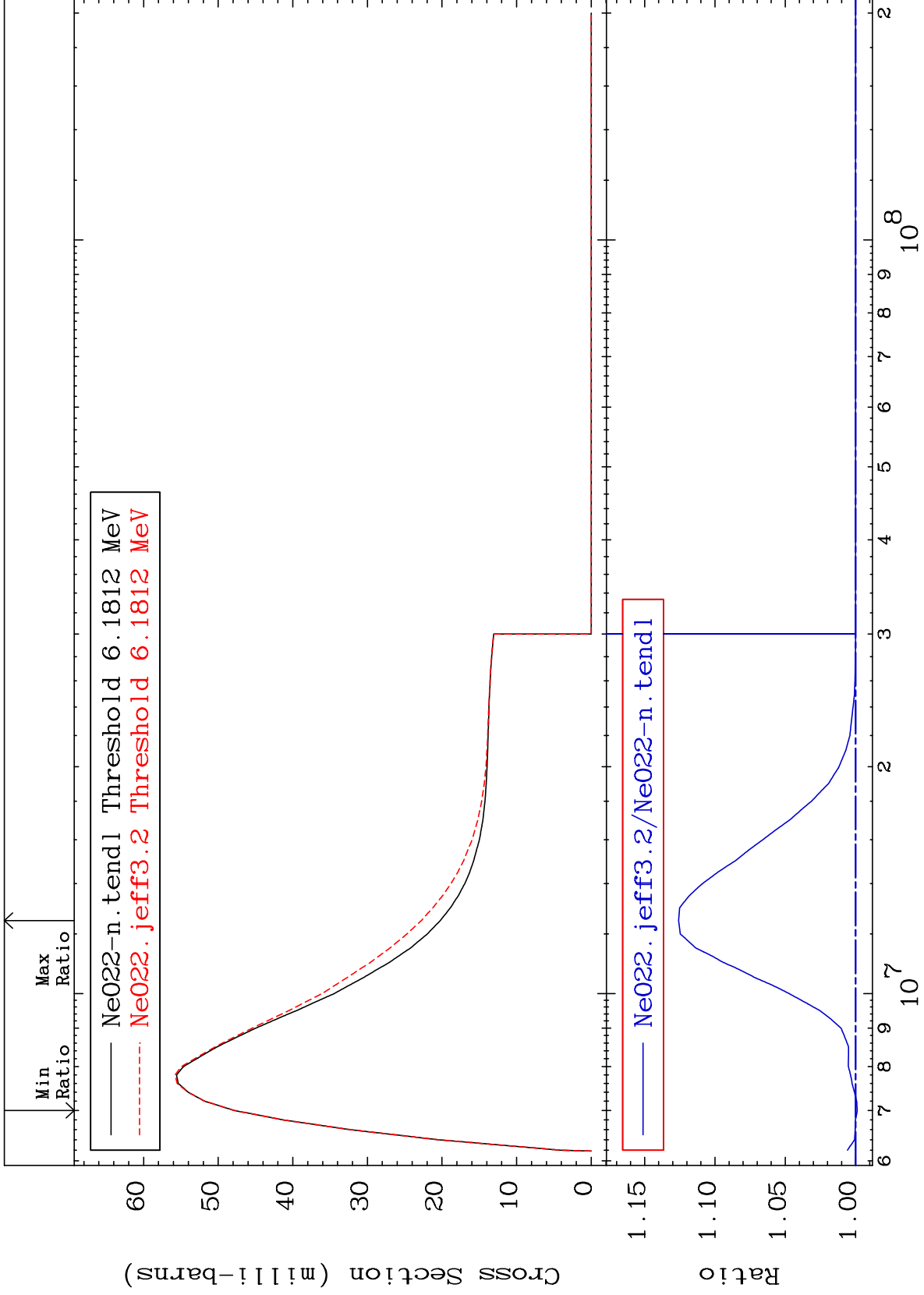
Incident Energy (eV)

10-Ne-22

MAT 1031

5.910 MeV (n,n') Level
Cross Section

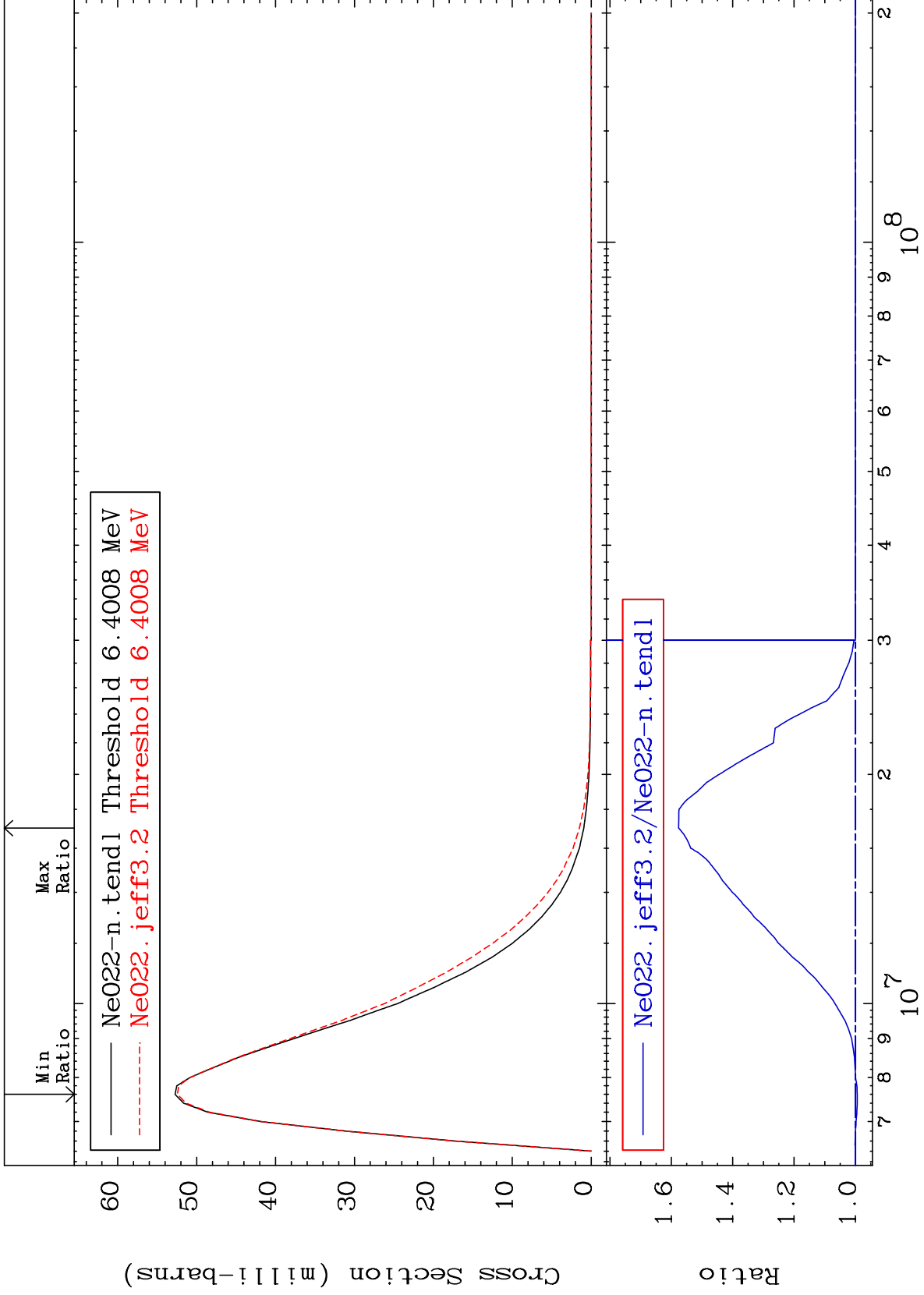
10-Ne-22
-0.115 To 12.58 %



MAT 1031

6.120 MeV (n,n') Level
Cross Section

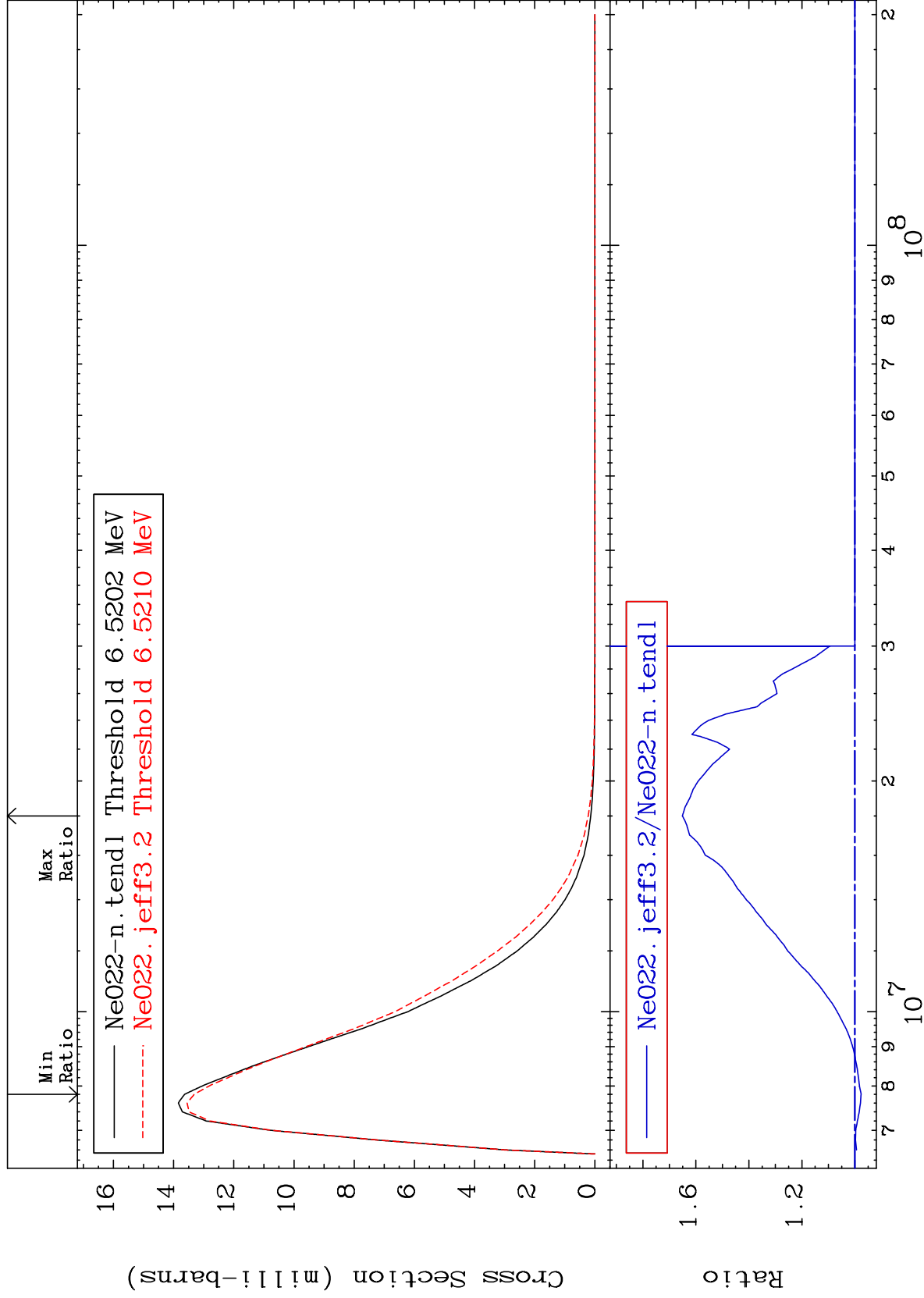
10-Ne-22
-0.580 To 57.64 %



MAT 1031

6.234 MeV (n,n') Level
Cross Section

10-Ne-22
-2.343 To 65.11 %



28

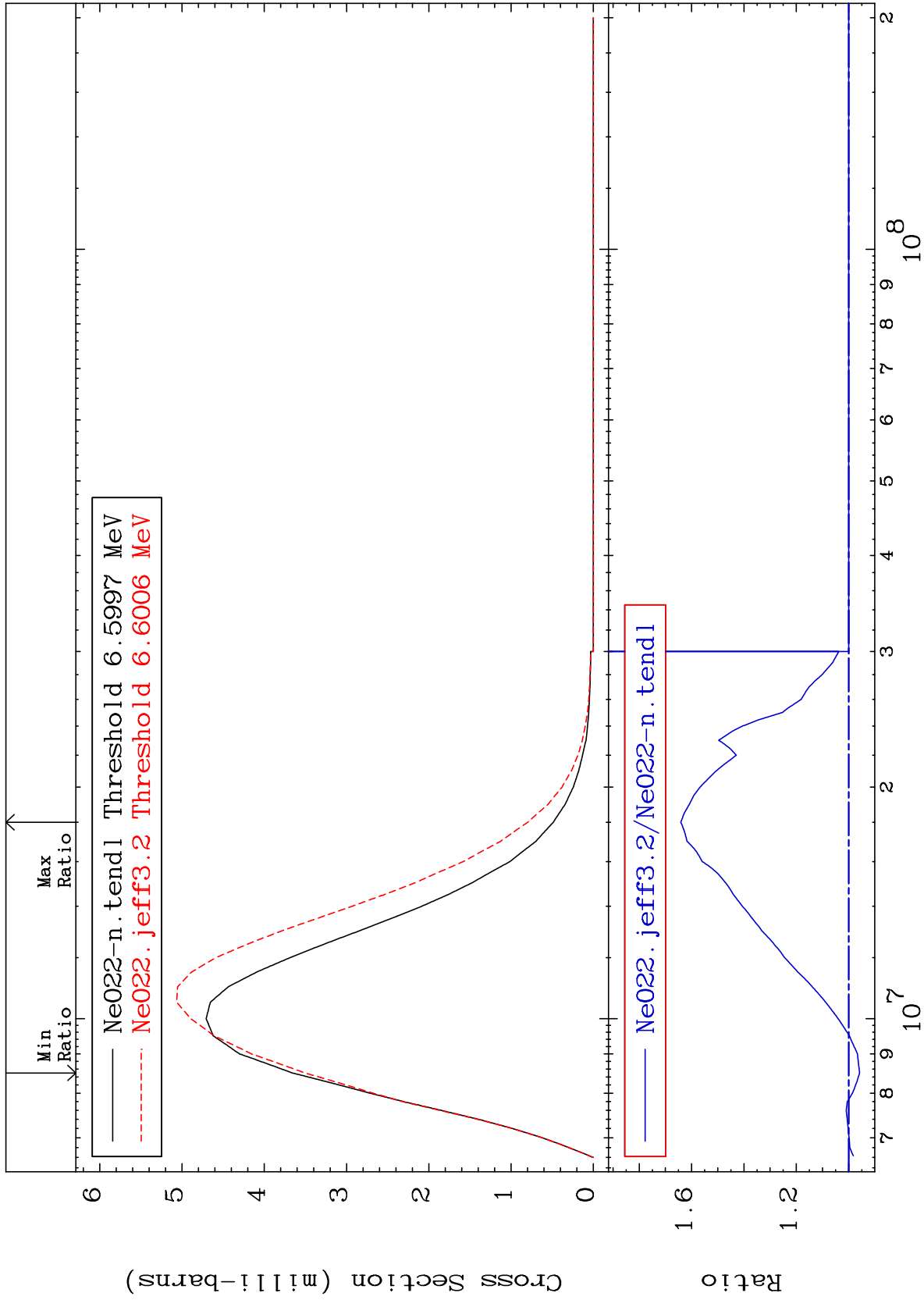
Incident Energy (eV)

10-Ne-22

MAT 1031

6.310 MeV (n,n') Level
Cross Section

10-Ne-22
-4.157 To 64.14 %



29

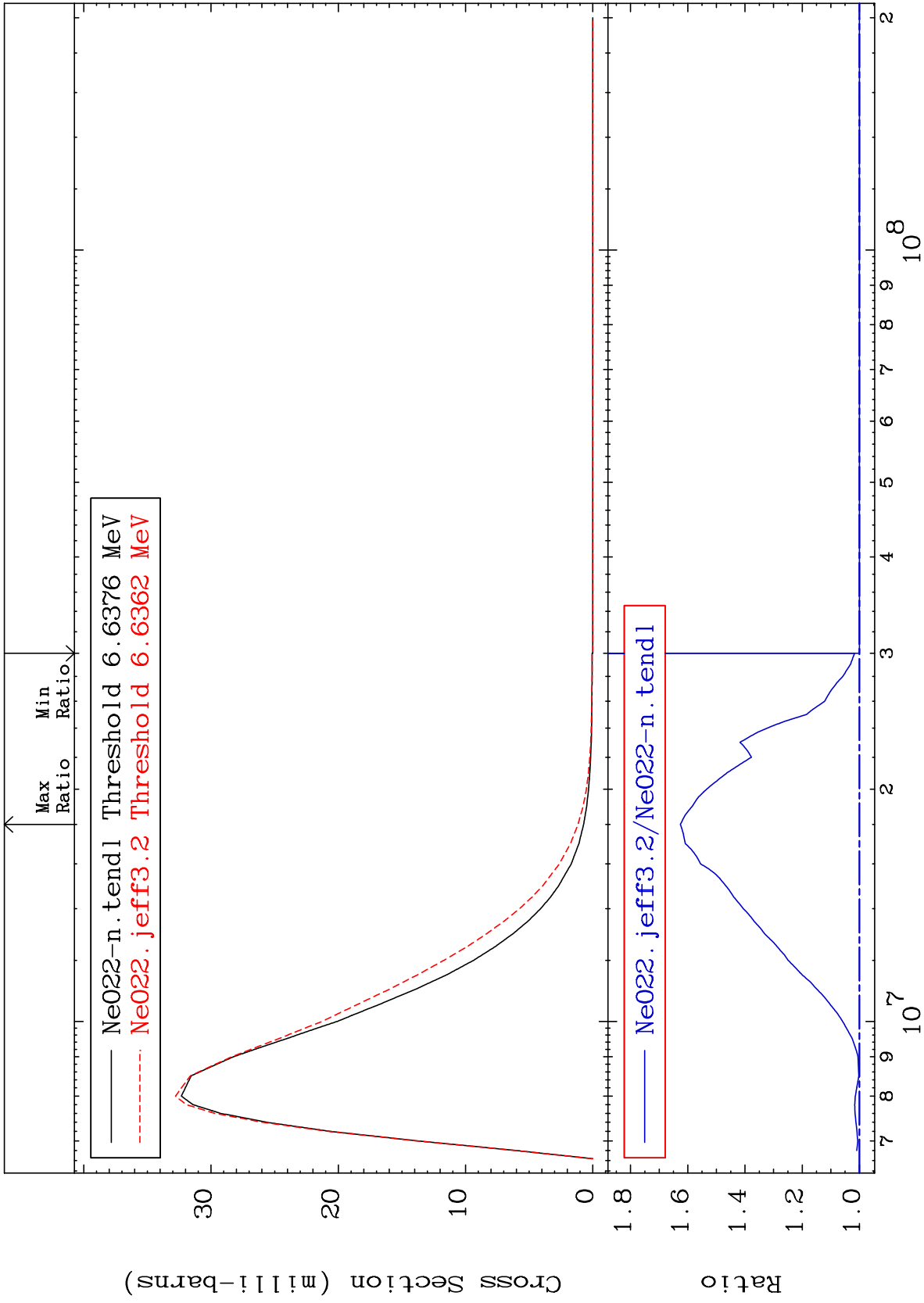
Incident Energy (eV)

10-Ne-22

MAT 1031

6.347 MeV (n,n') Level
Cross Section

0.000 To 62.59 %
10-Ne-22



30

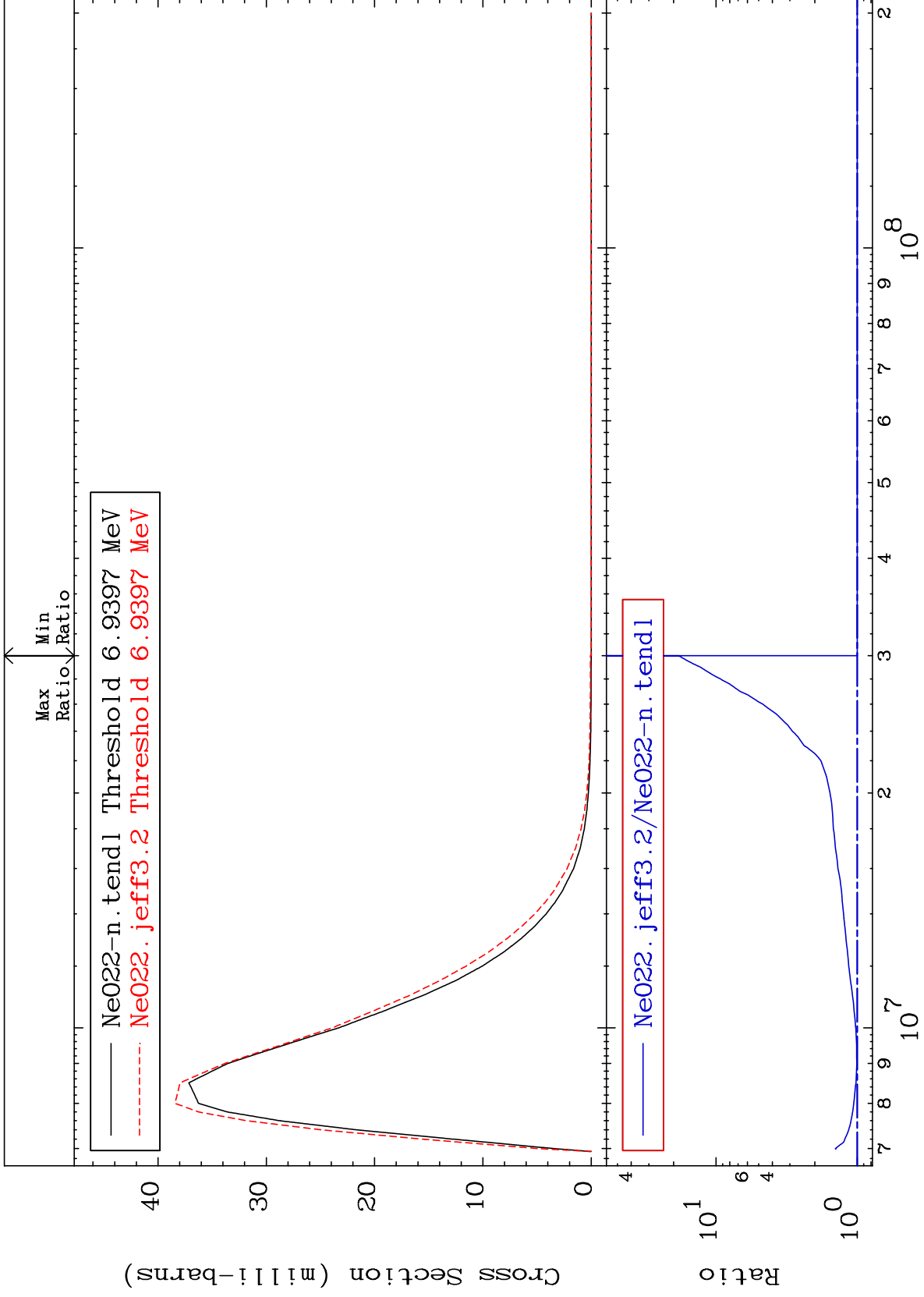
Incident Energy (eV)

10-Ne-22

MAT 1031

6.635 MeV (n,n') Level
Cross Section

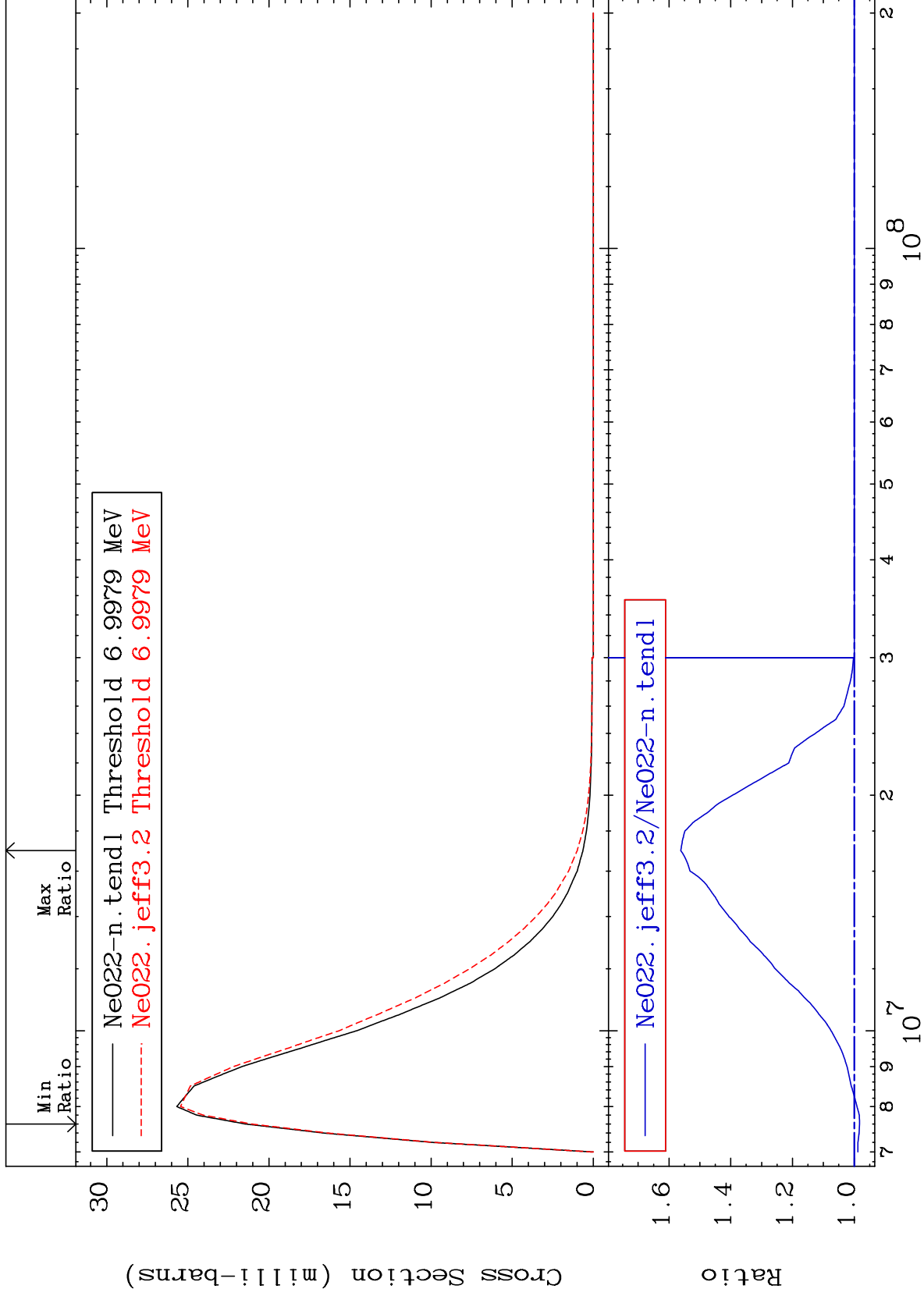
10-Ne-22
0.000 To 1744. %



MAT 1031

6.691 MeV (n,n') Level
Cross Section

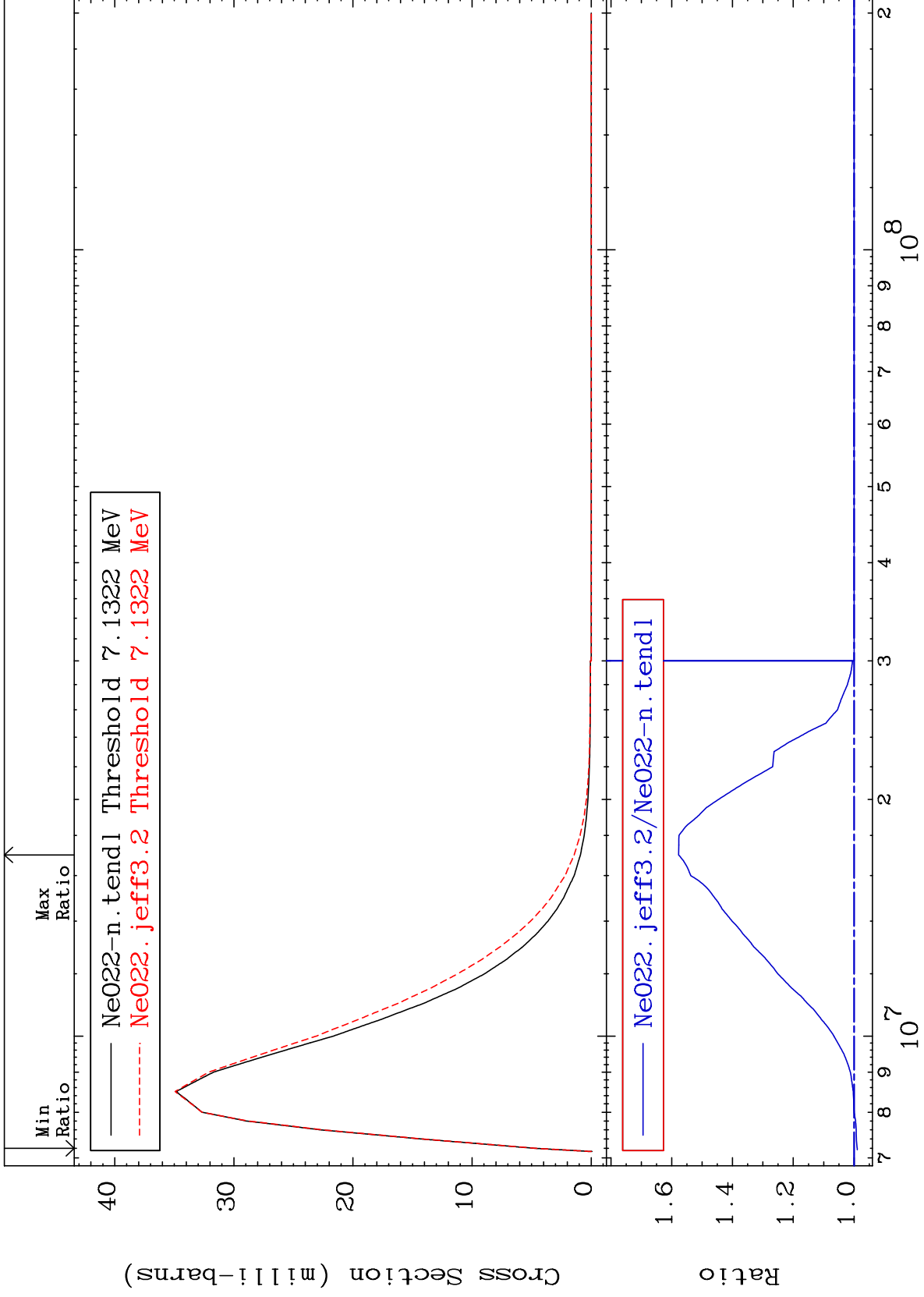
10-Ne-22
-1.720 To 56.19 %



MAT 1031

6.819 MeV (n,n') Level
Cross Section

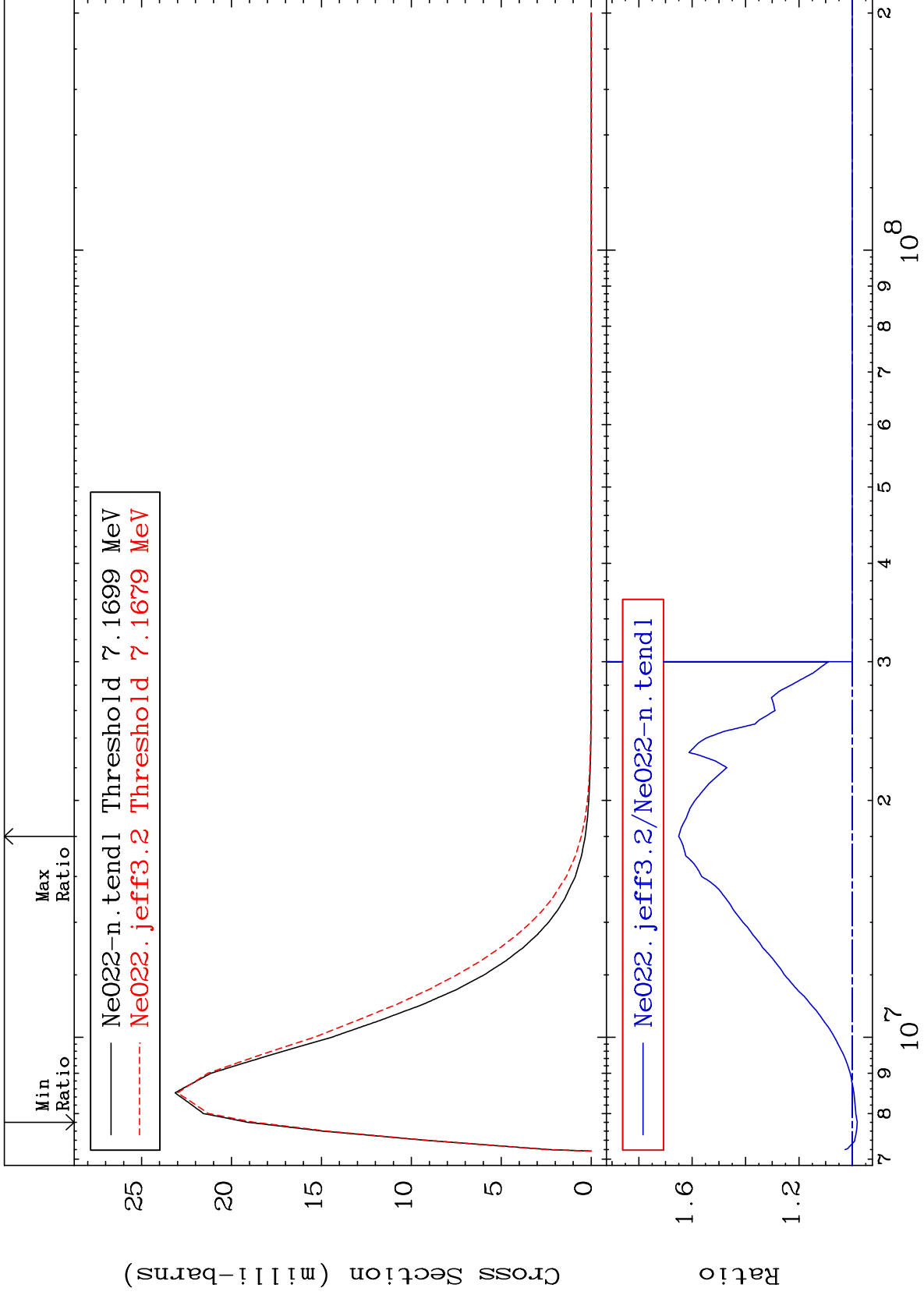
10-Ne-22
-1.043 To 57.72 %



MAT 1031

6.855 MeV (n,n') Level
Cross Section

10-Ne-22
-1.845 To 65.07 %



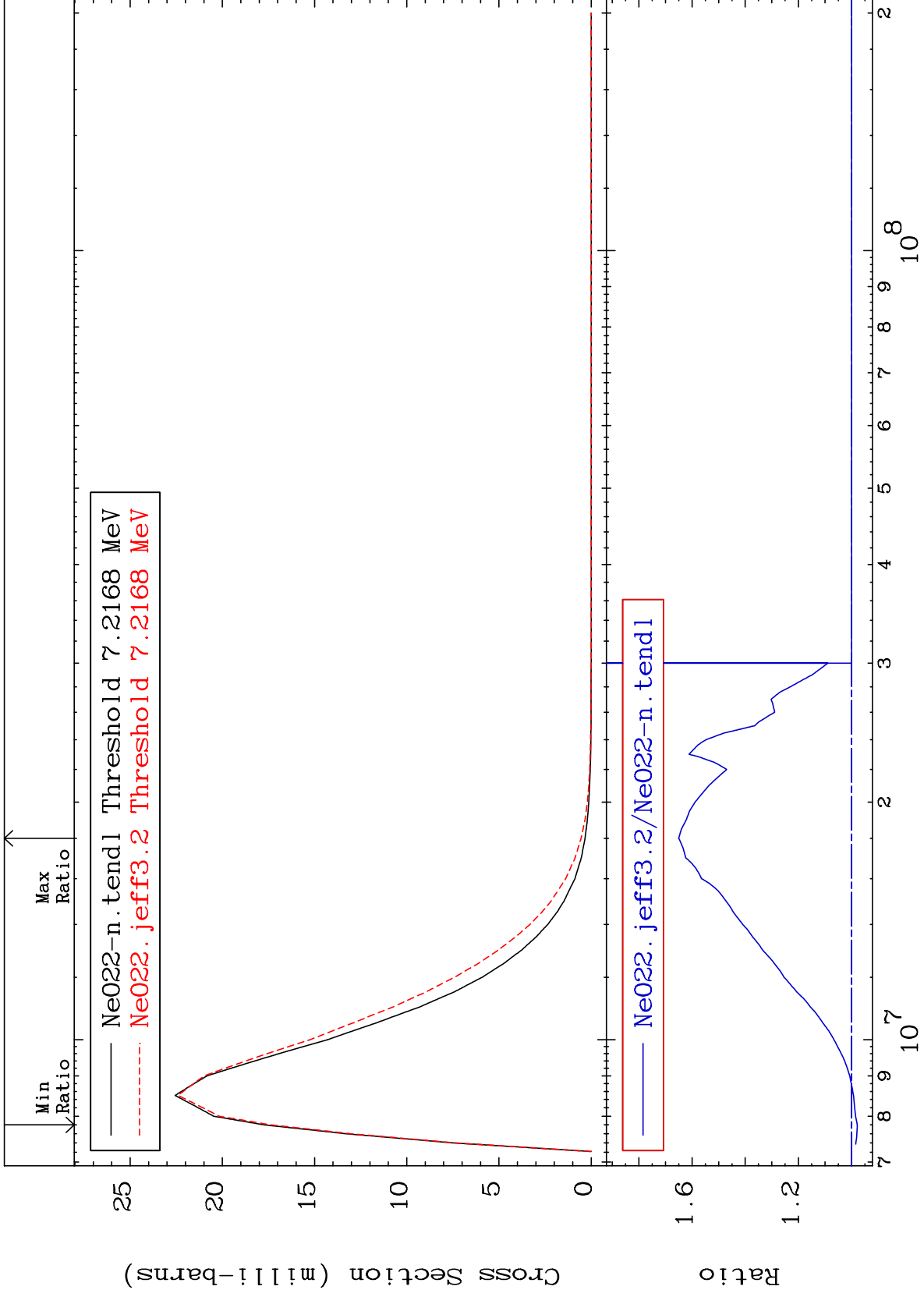
34

10-Ne-22

MAT 1031

6.900 MeV (n,n') Level
Cross Section

10-Ne-22
-2.110 To 65.04 %



35

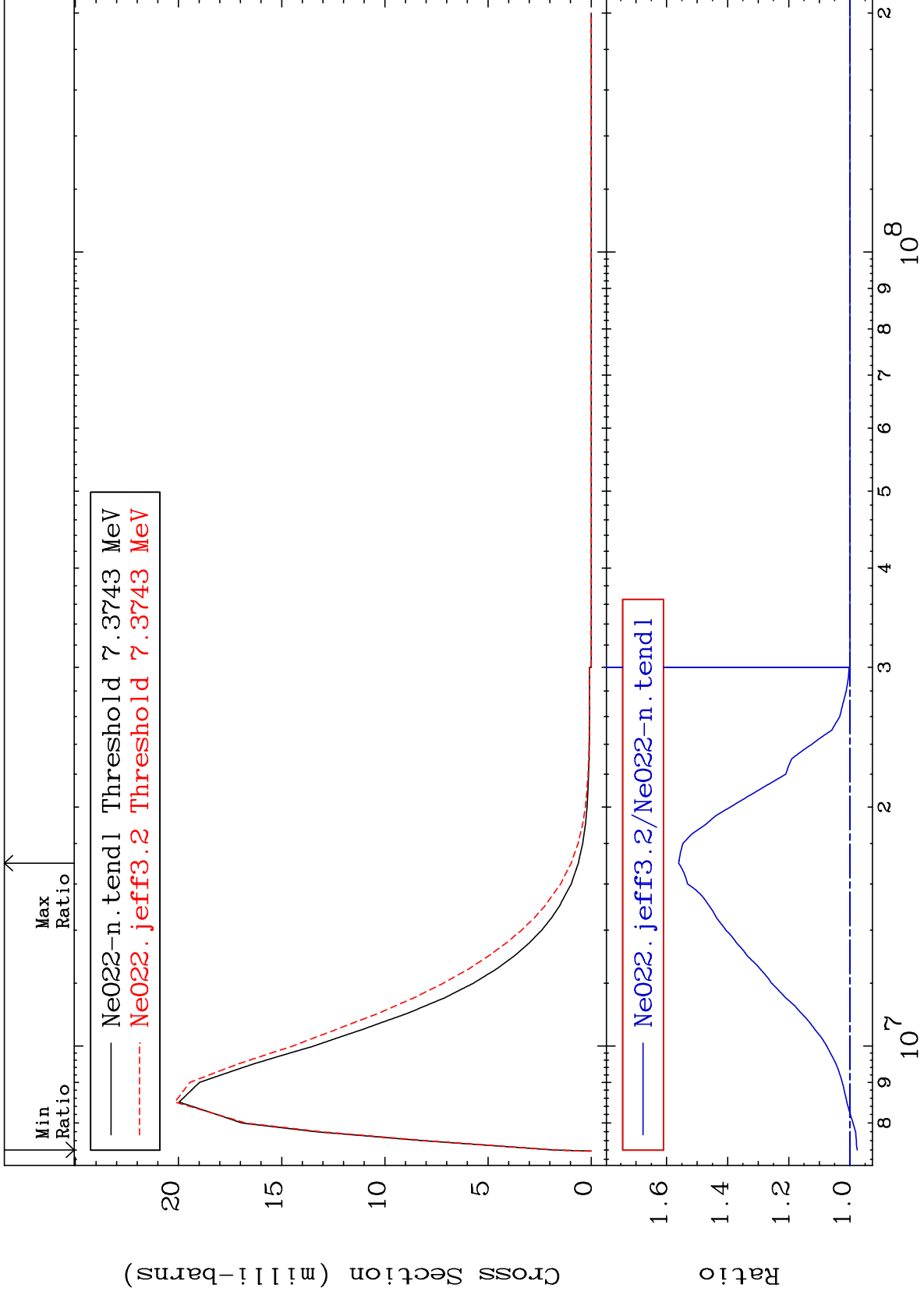
Incident Energy (eV)

10-Ne-22

MAT 1031

7.051 MeV (n,n') Level
Cross Section

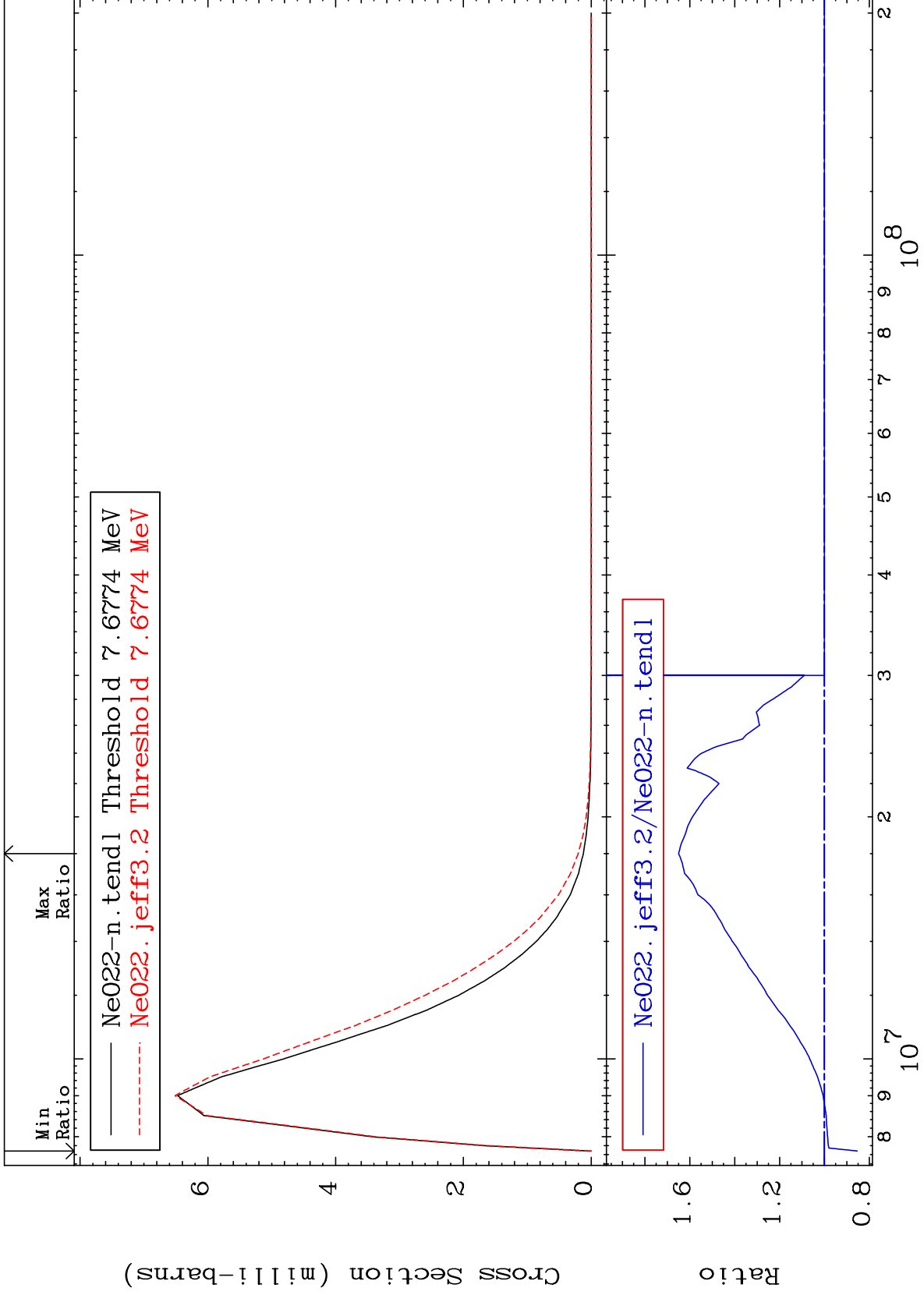
10-Ne-22
-2.417 To 56.05 %



MAT 1031

7.341 MeV (n,n') Level
Cross Section

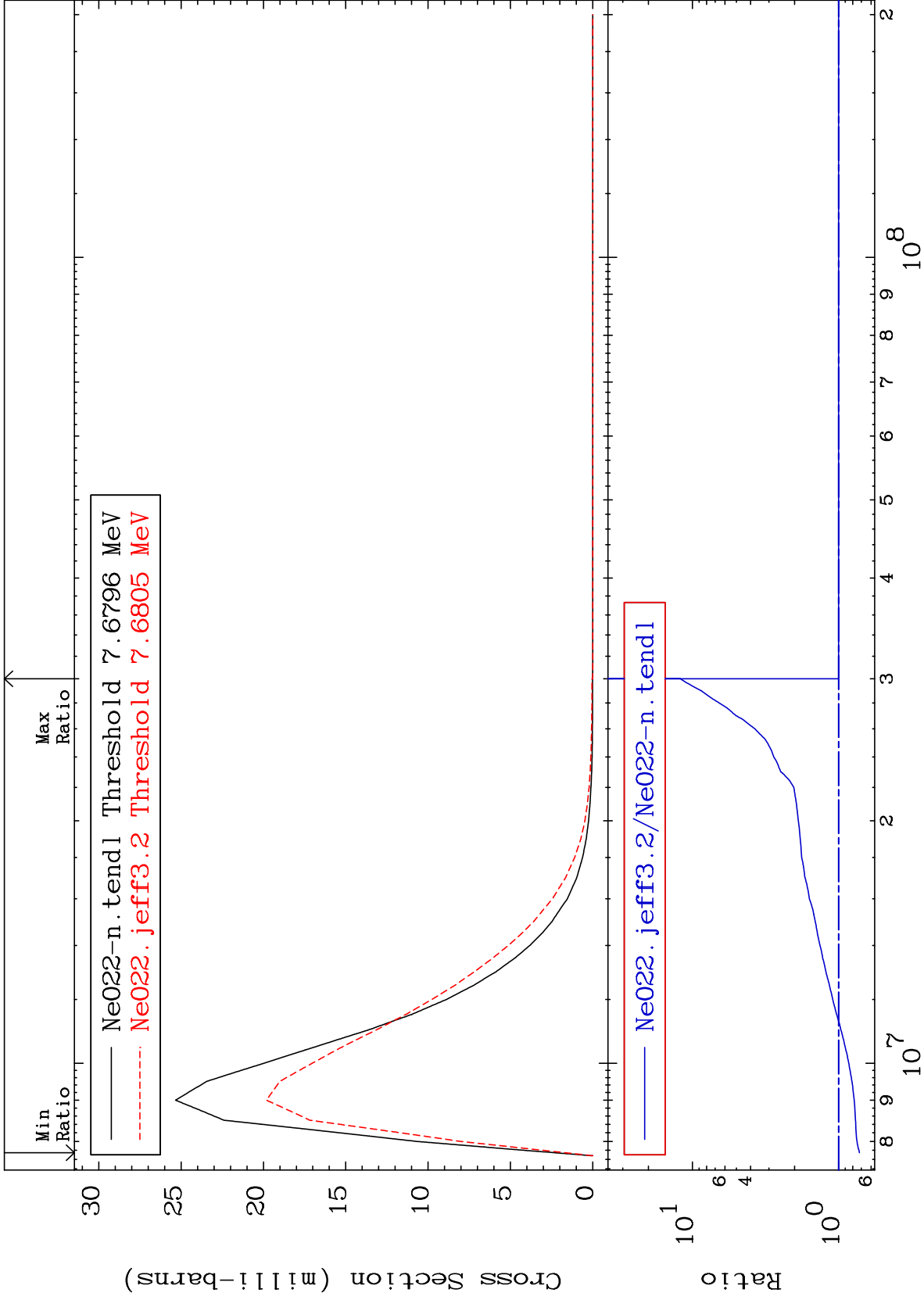
10-Ne-22
-14.61 To 64.98 %



MAT 1031

7.343 MeV (n,n') Level
Cross Section

10-Ne-22
-27.91 To 1110. %



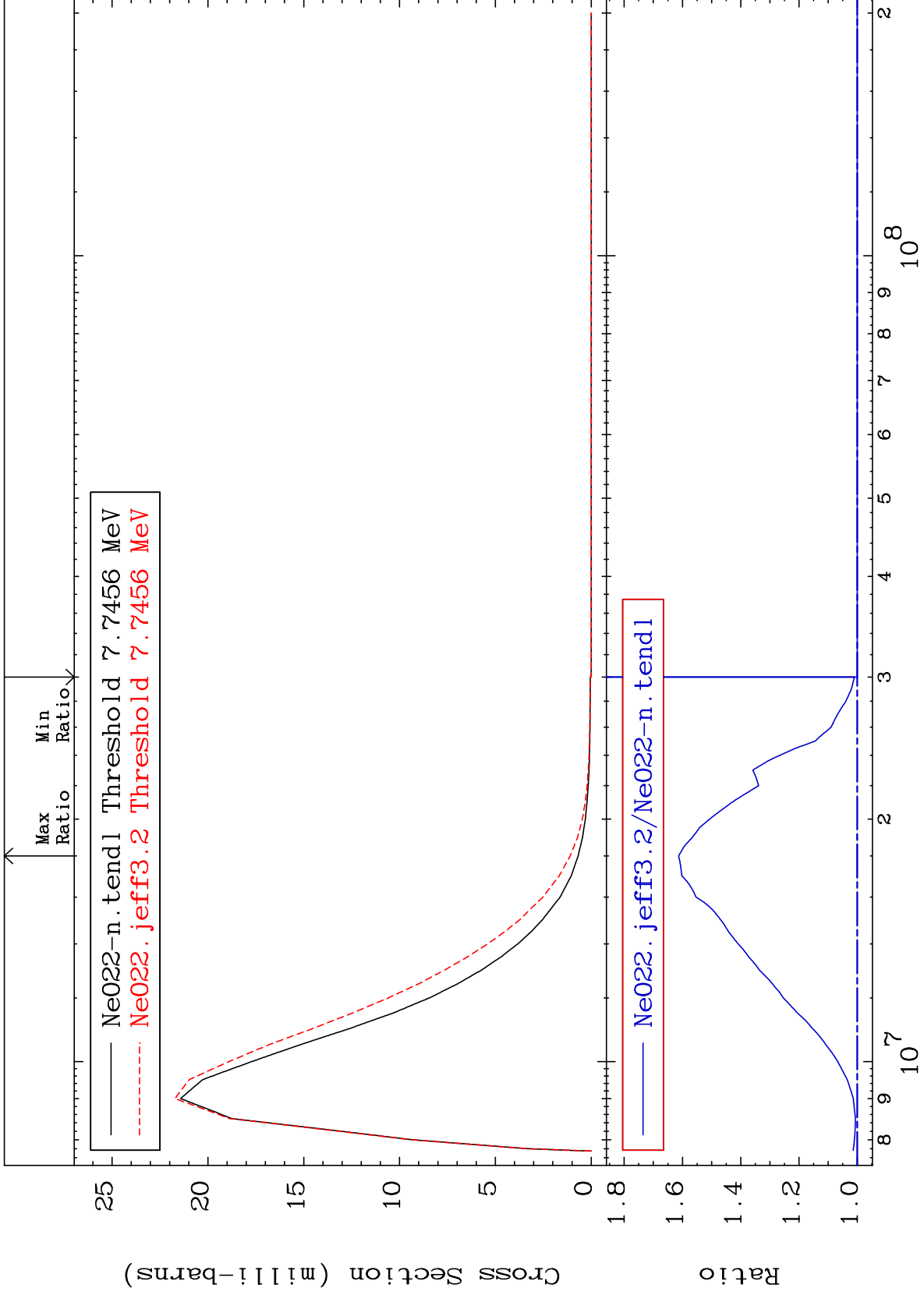
38

10-Ne-22

MAT 1031

7.406 MeV (n,n') Level
Cross Section

0.000 To 61.31 %
10-Ne-22



39

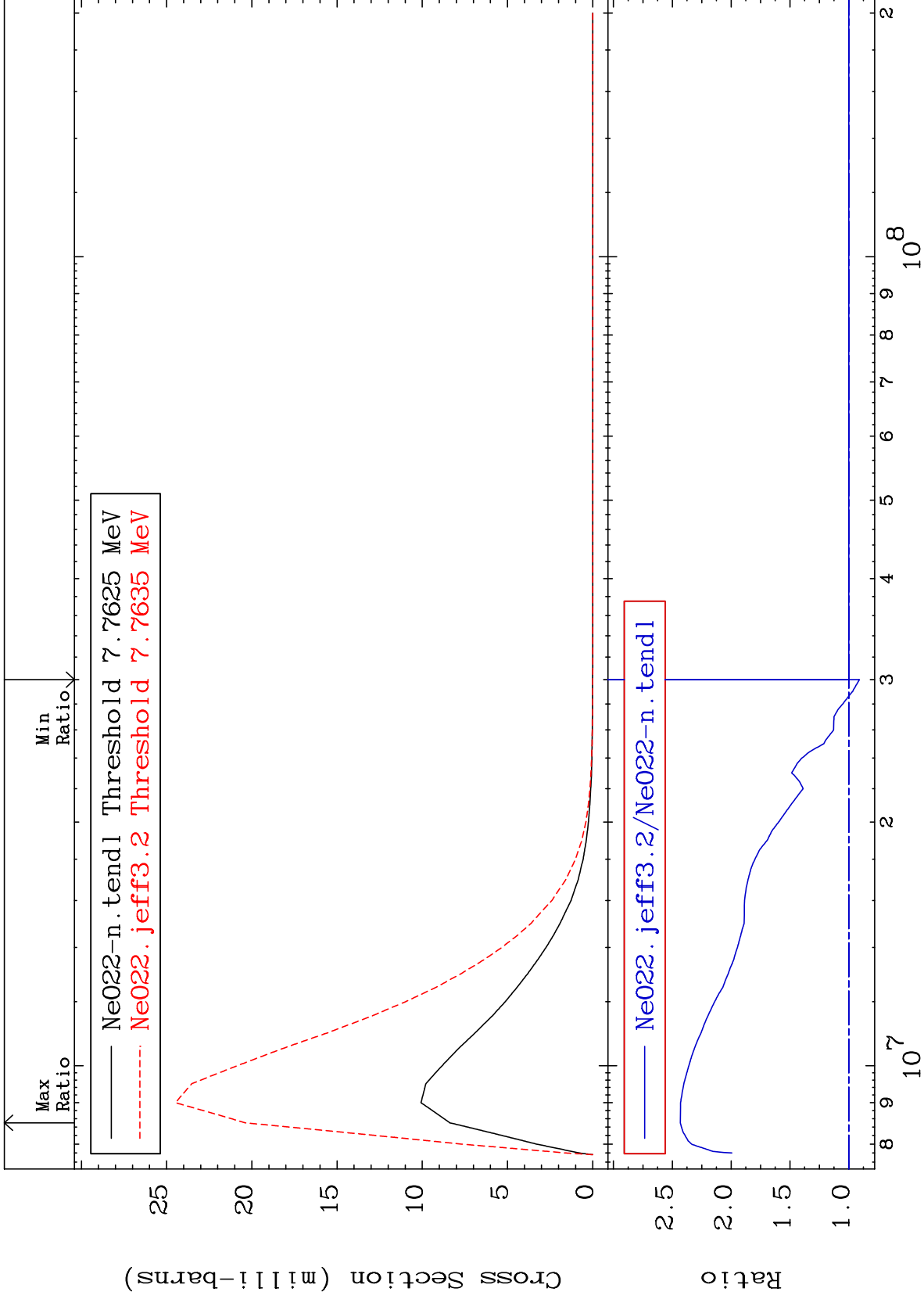
Incident Energy (eV)

10-Ne-22

MAT 1031

7.422 MeV (n,n') Level
Cross Section

10-Ne-22
-9.052 To 143.2 %



40

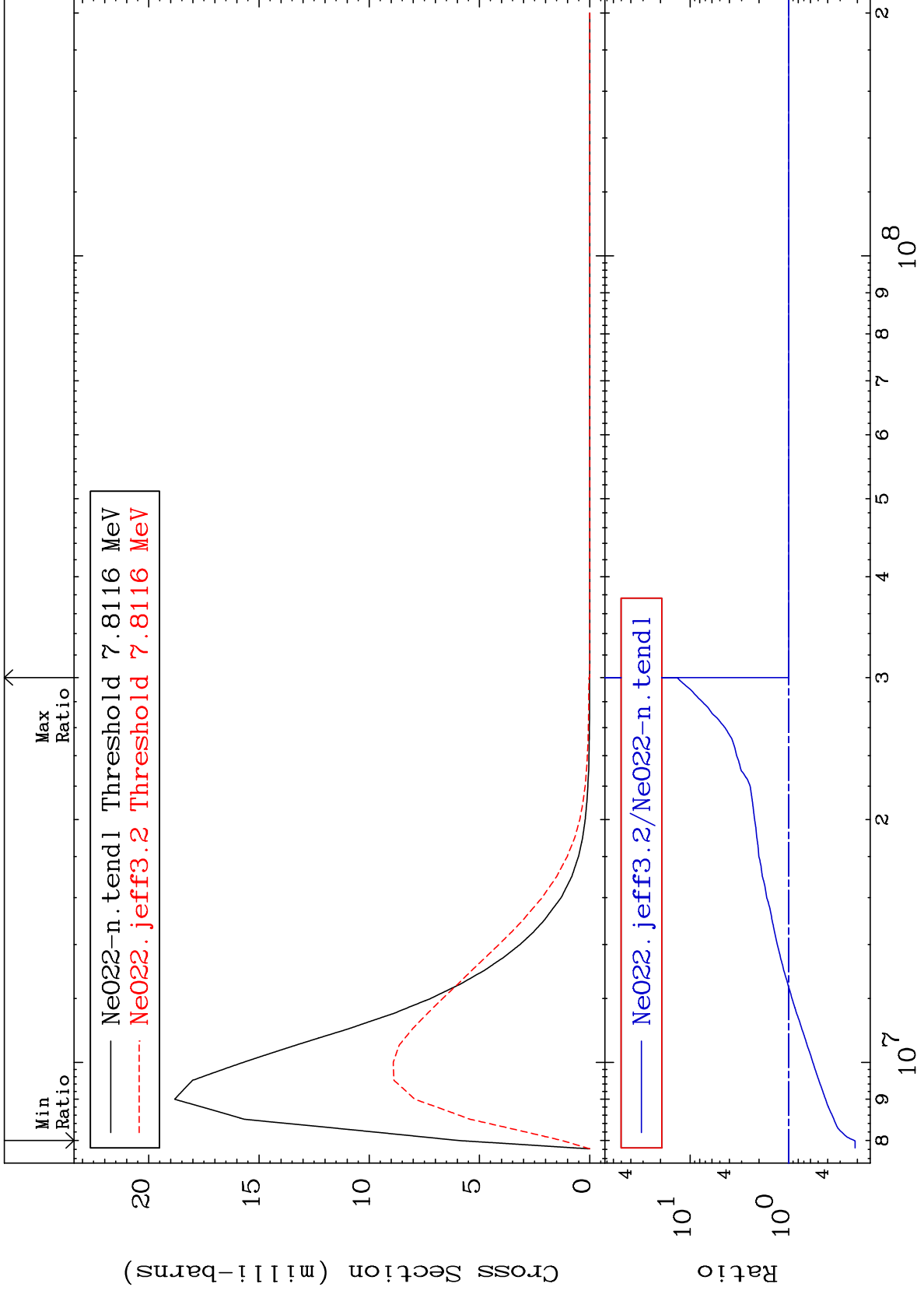
Incident Energy (eV)

10-Ne-22

MAT 1031

7.469 MeV (n,n') Level
Cross Section

10-Ne-22
-78.87 To 1261. %



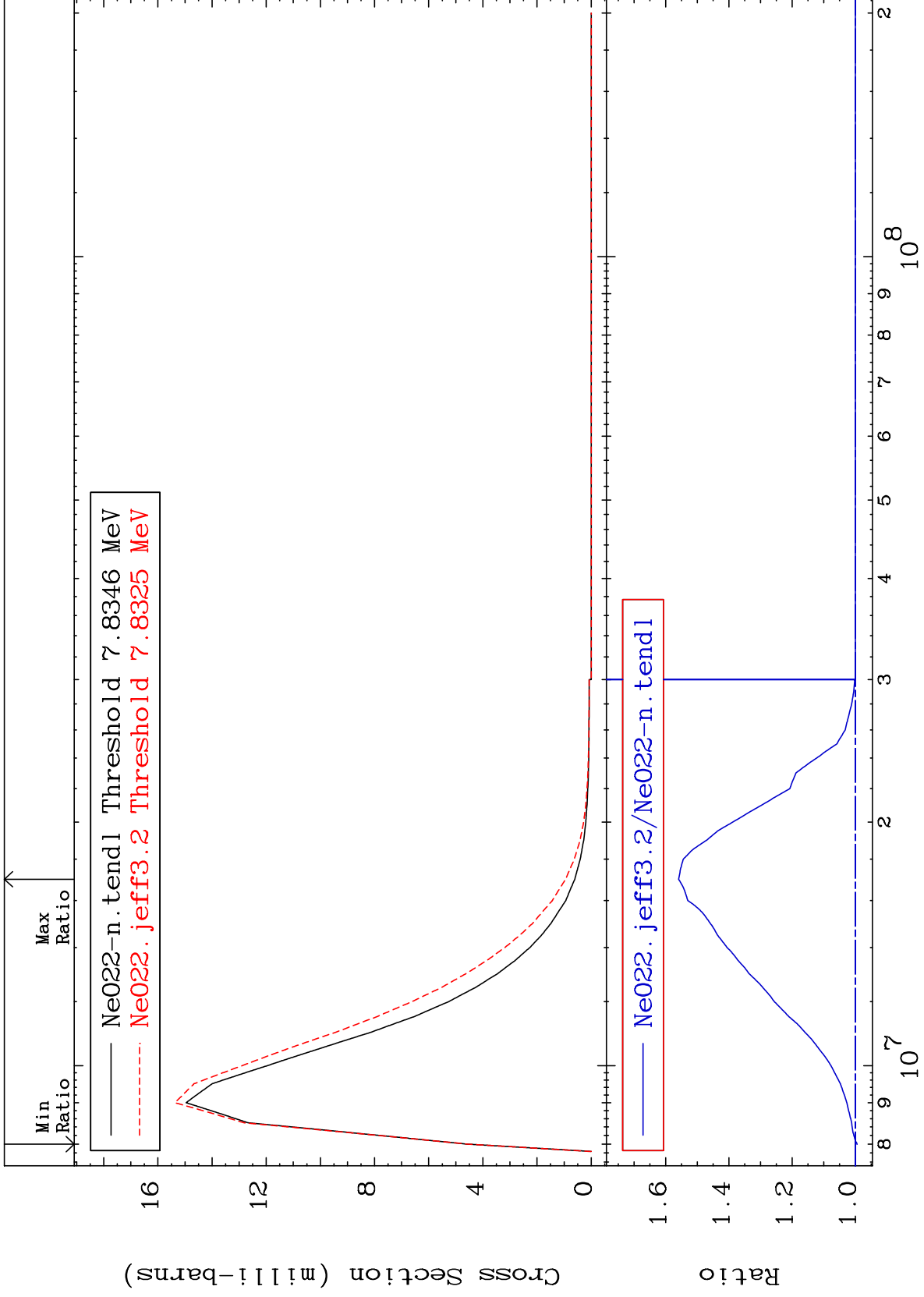
41

10-Ne-22

MAT 1031

7.491 MeV (n,n') Level
Cross Section

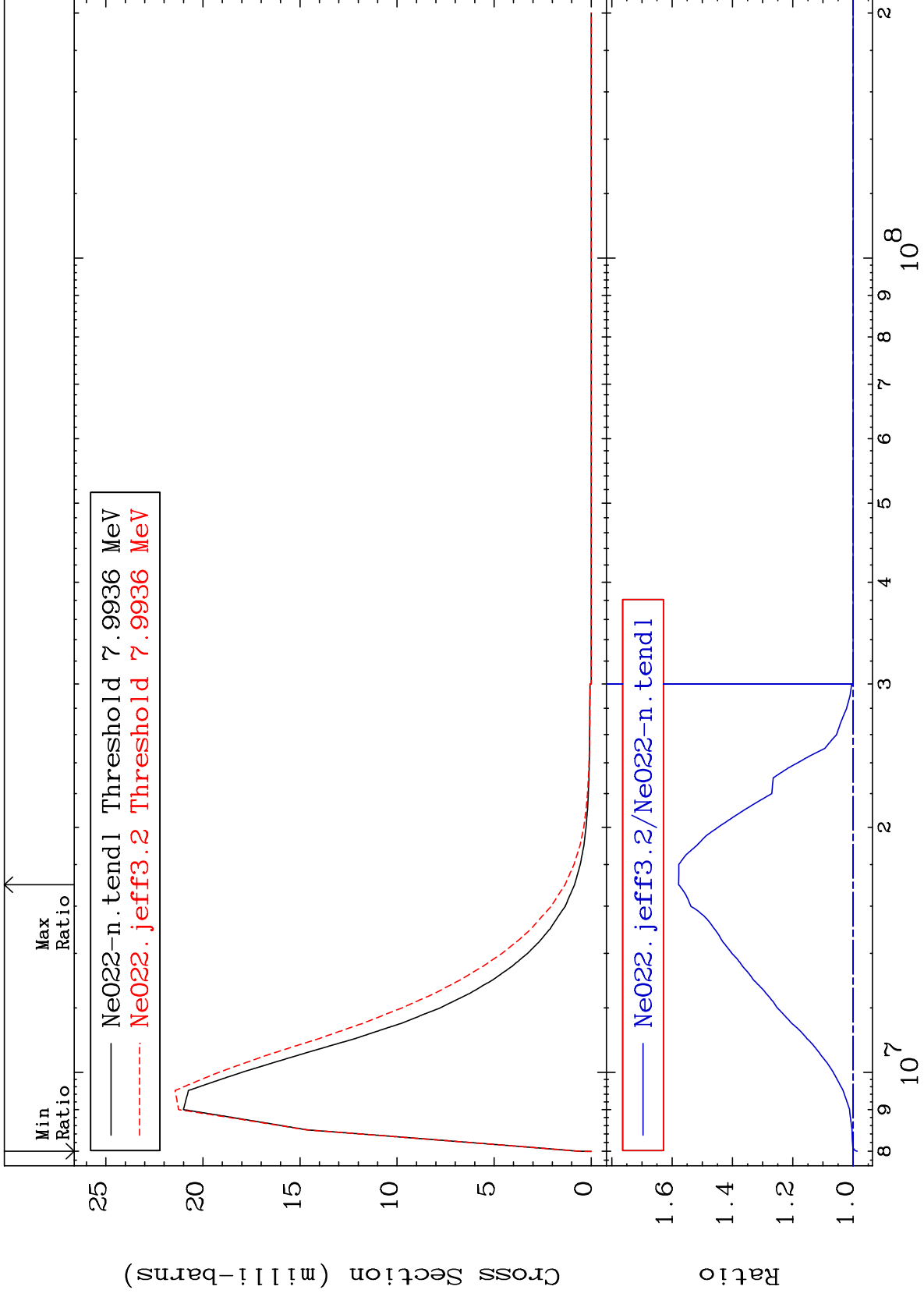
10-Ne-22
-0.572 To 55.91 %



MAT 1031

7.643 MeV (n,n') Level
Cross Section

10-Ne-22
-1.363 To 57.84 %

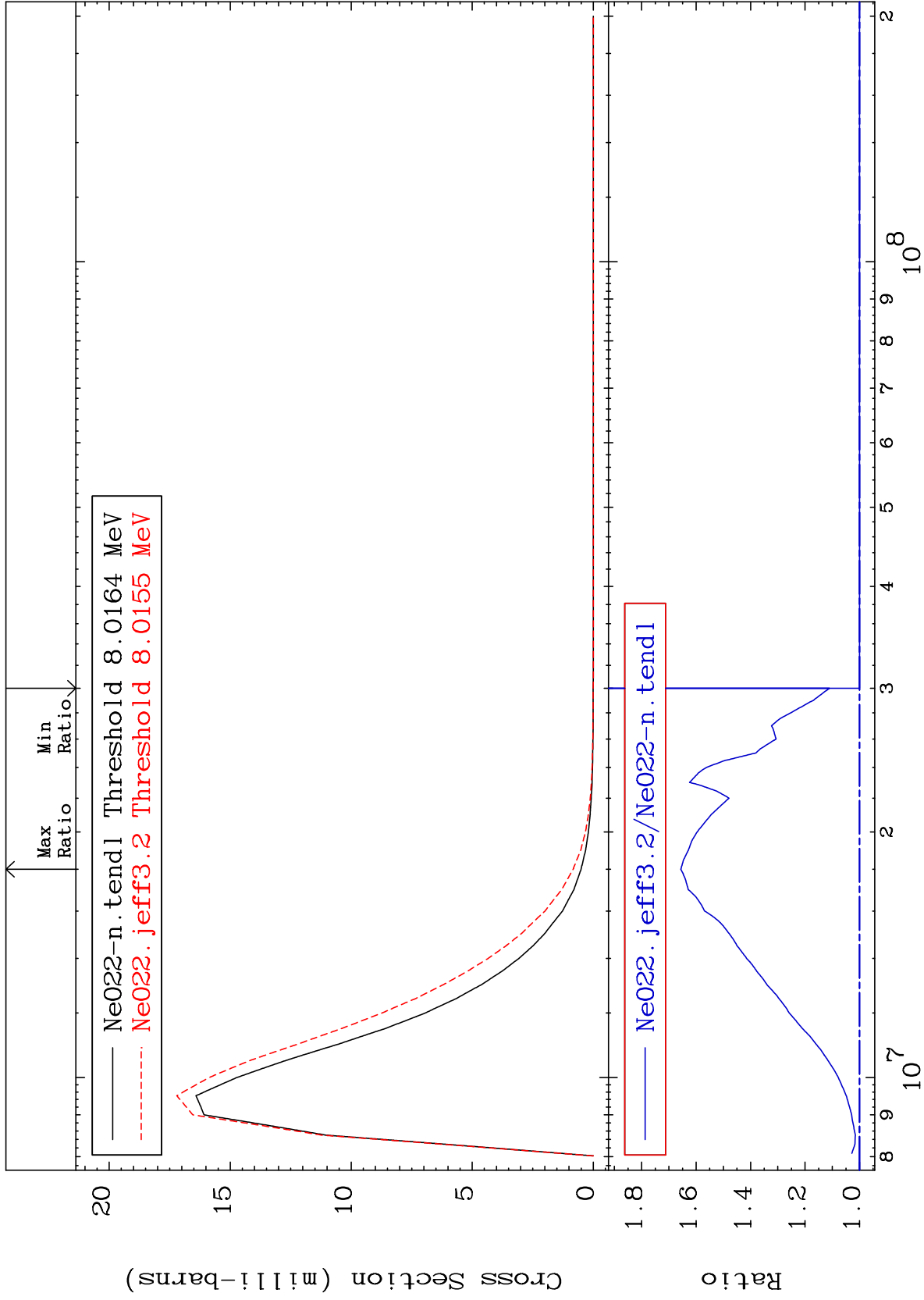


MAT 1031

7.665 MeV (n,n') Level

10-Ne-22

Cross Section To 65.64 %



44

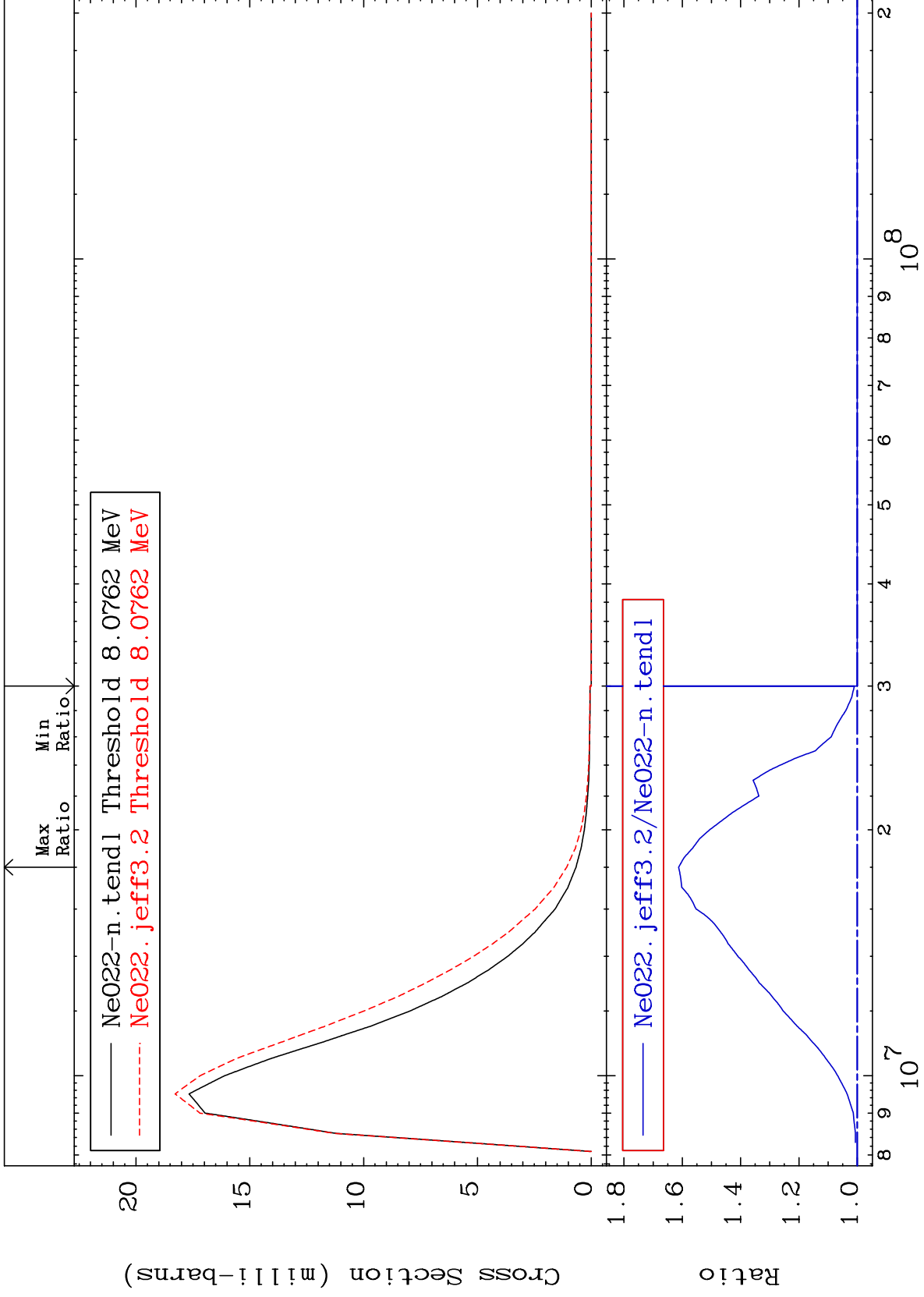
Incident Energy (eV)

10-Ne-22

MAT 1031

7.722 MeV (n,n') Level
Cross Section

0.000 To 61.25 %
10-Ne-22

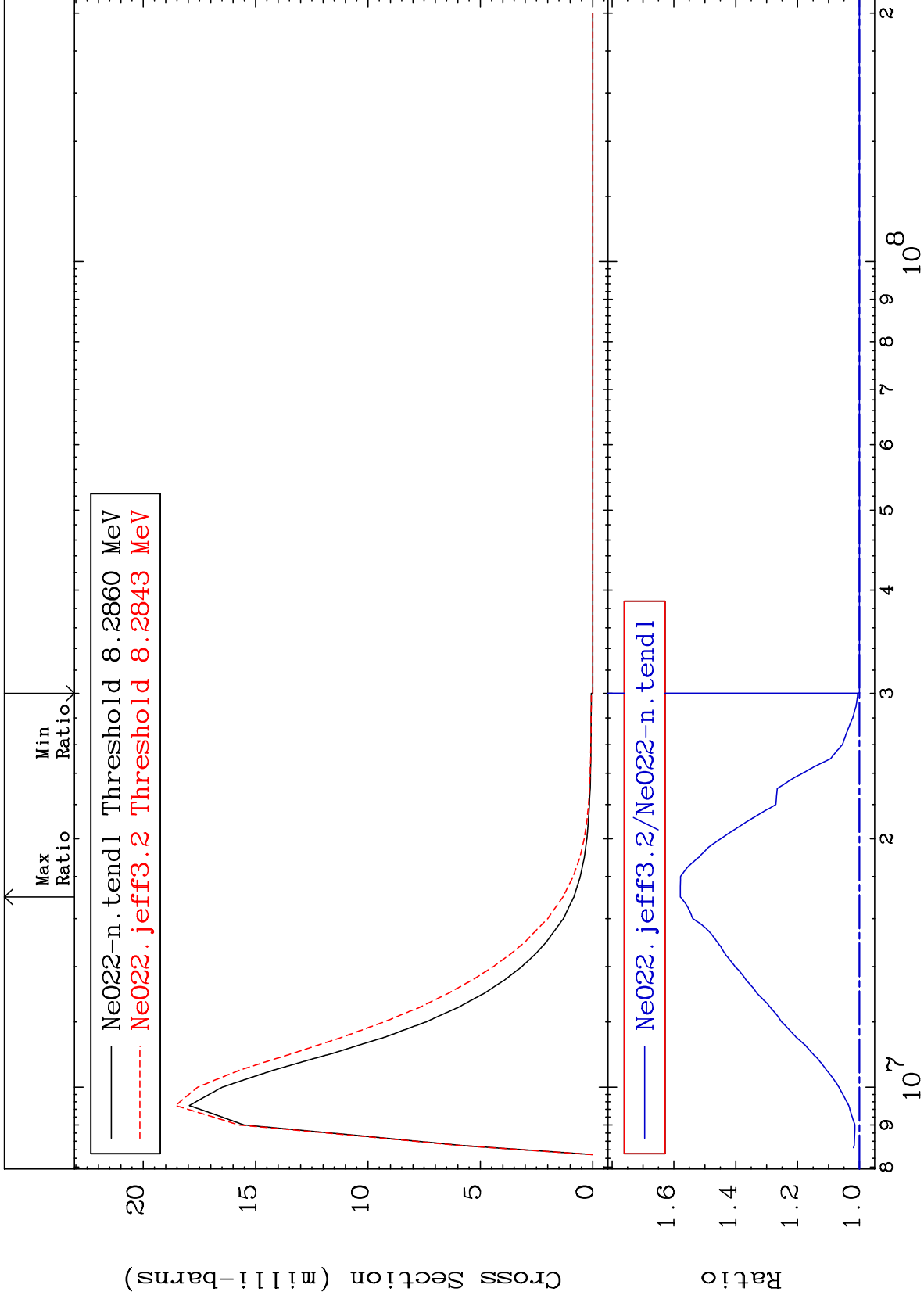


45

MAT 1031

7.923 MeV (n,n') Level
Cross Section

0.000 To 57.91 %
10-Ne-22



46

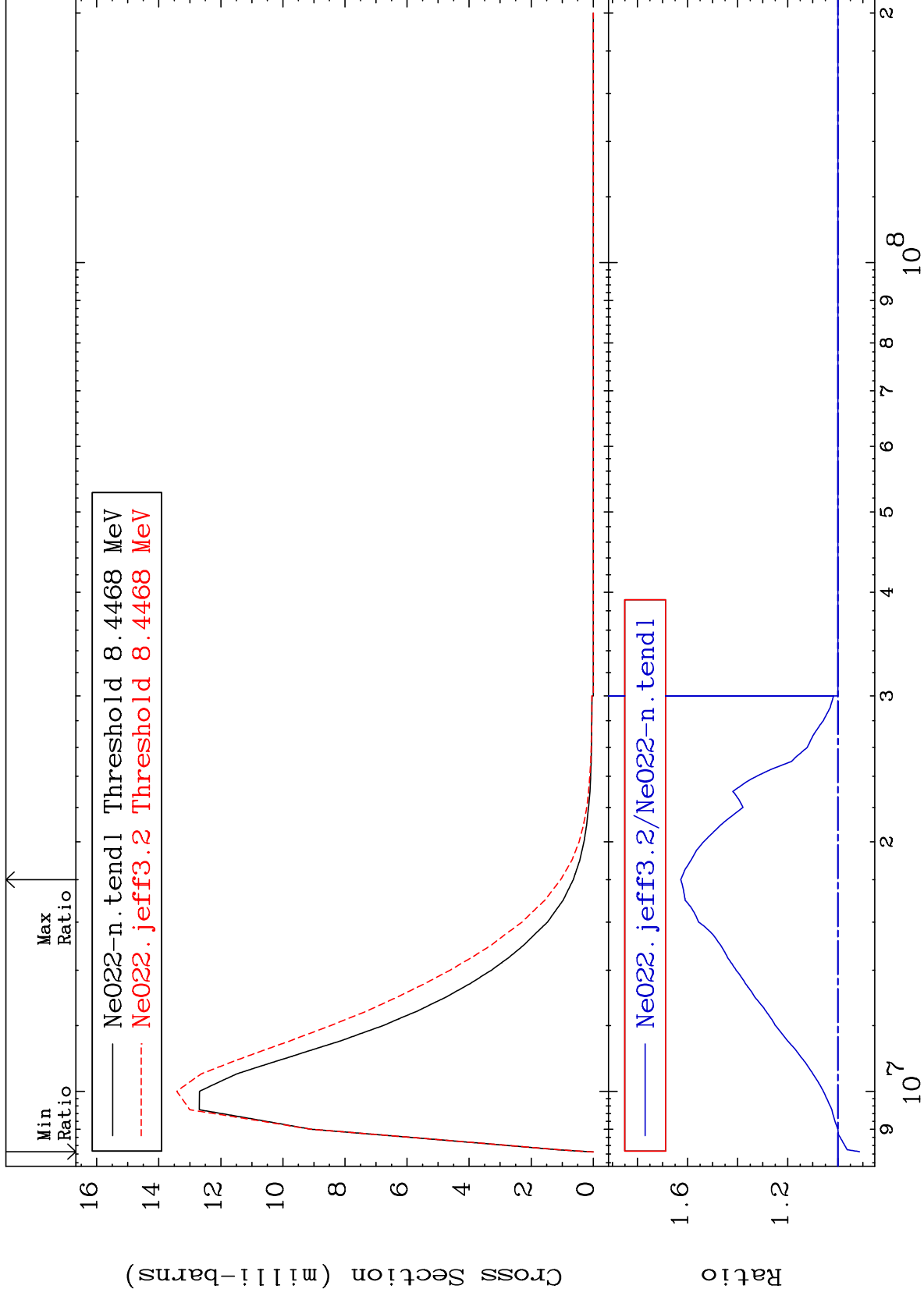
Incident Energy (eV)

10-Ne-22

MAT 1031

8.076 MeV (n,n') Level
Cross Section

10-Ne-22
-8.667 To 62.71 %



47

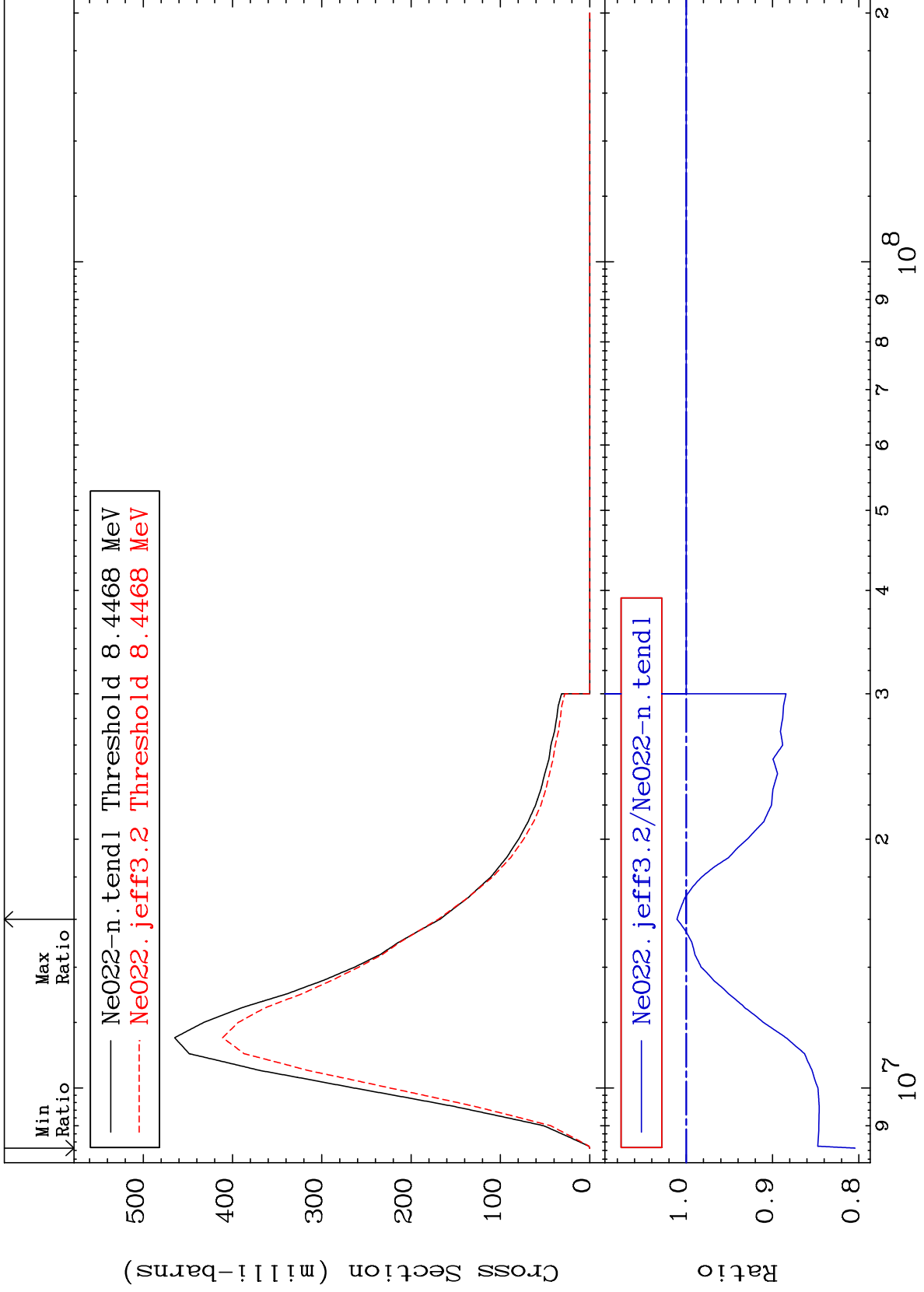
Incident Energy (eV)

10-Ne-22

MAT 1031

(n, n') Continuum
Cross Section

10-Ne-22
-19.58 To 1.085 %



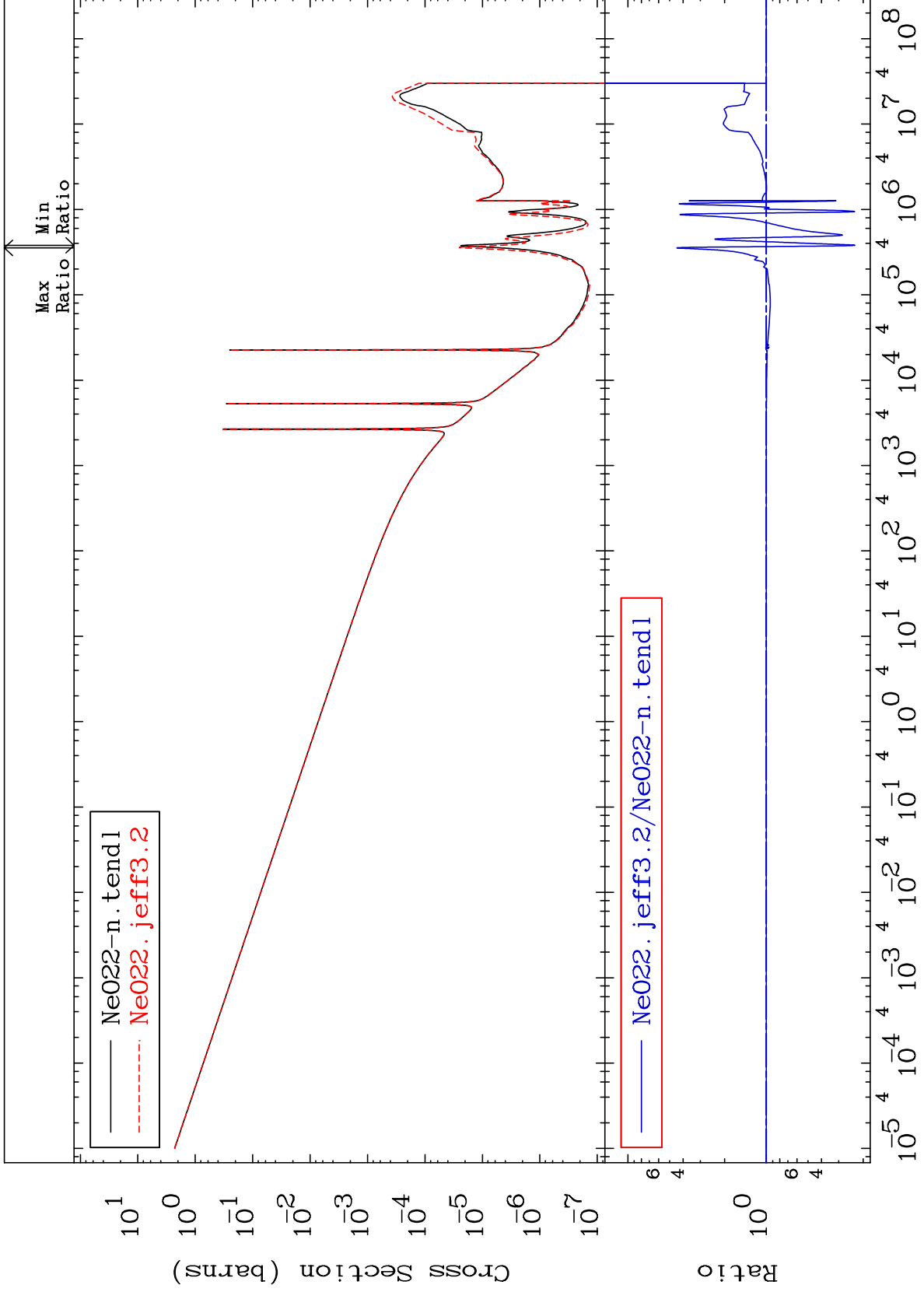
48

10-Ne-22

MAT 1031

(n, γ)
Cross Section

10-Ne-22
-77.14 To 342.5 %



49

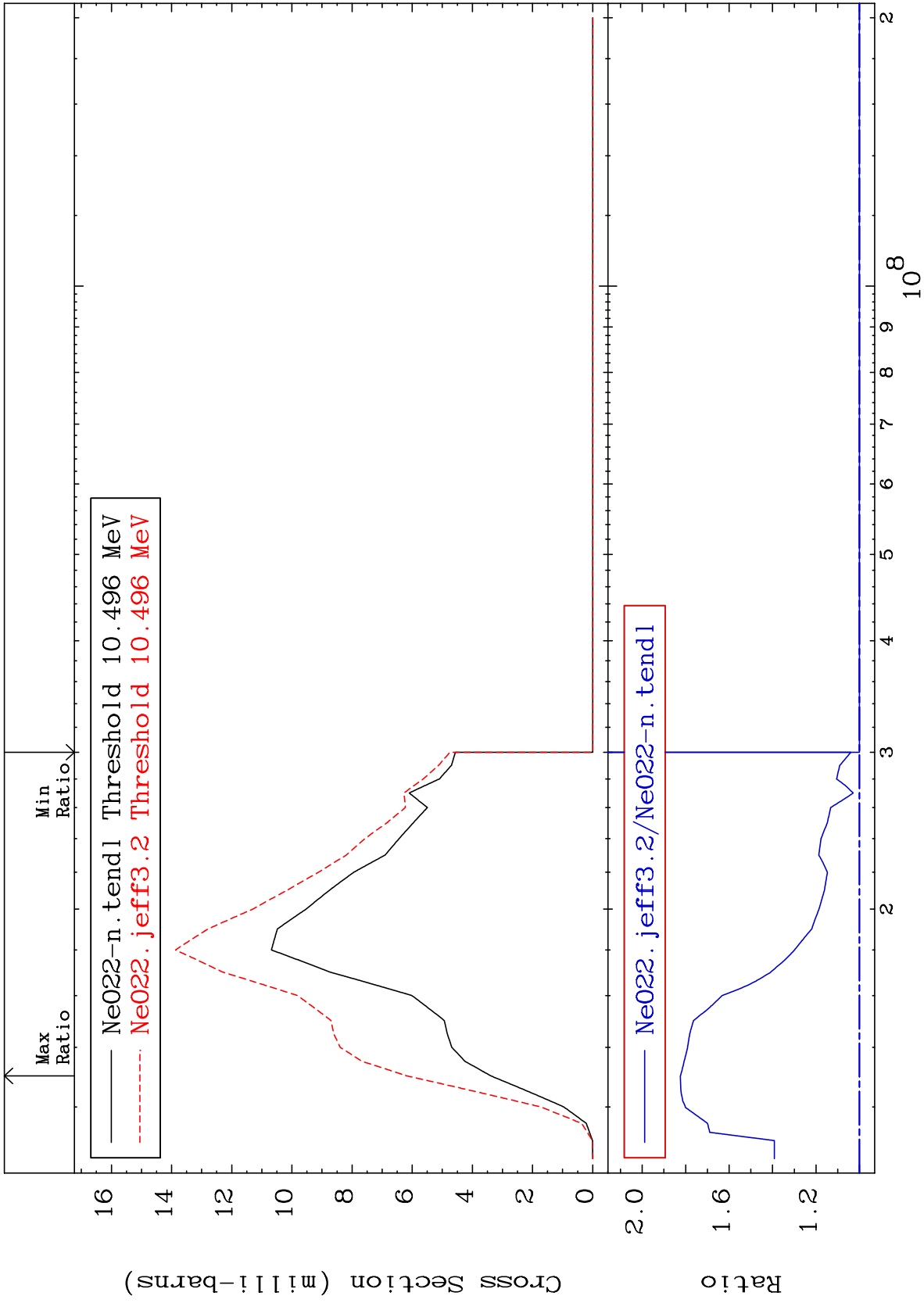
Incident Energy (eV)

10-Ne-22

MAT 1031

(n,p)
Cross Section

0.000 To 82.44 %
10-Ne-22



50

Incident Energy (eV)

10-Ne-22

MAT 1031

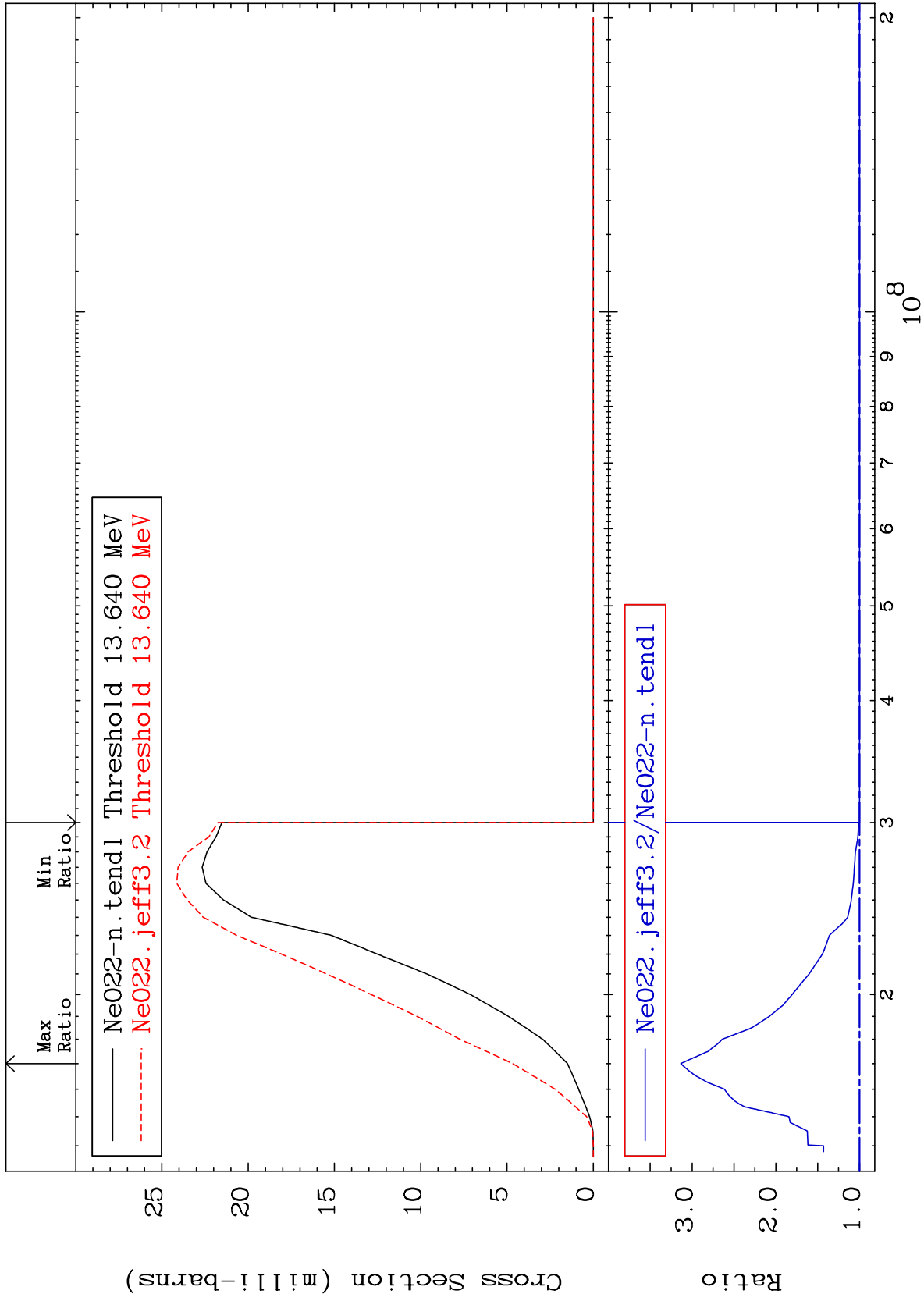
(n, d)

10-Ne-22

Cross Section

0.000

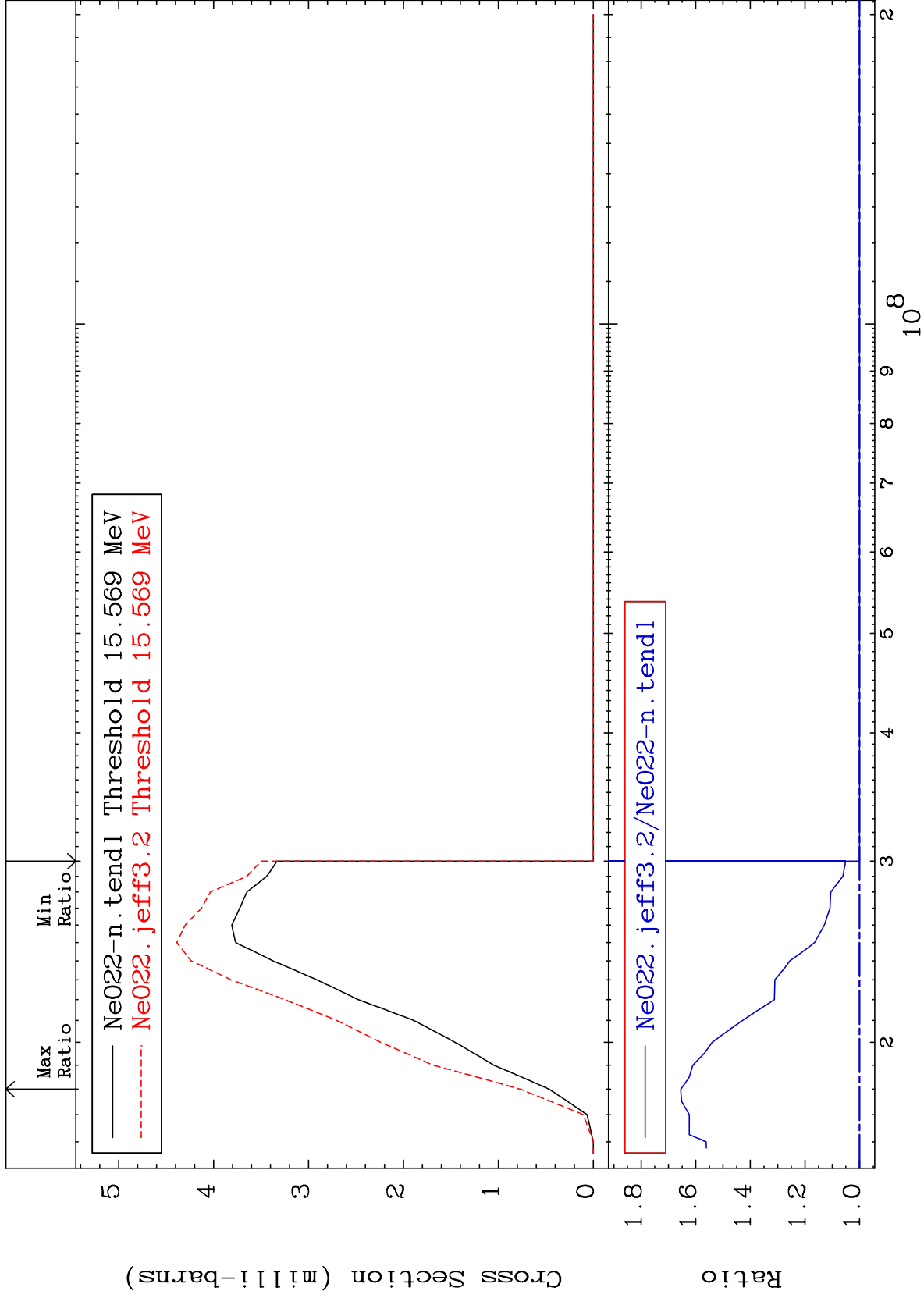
To 213.5 %



MAT 1031

(n, t)
Cross Section

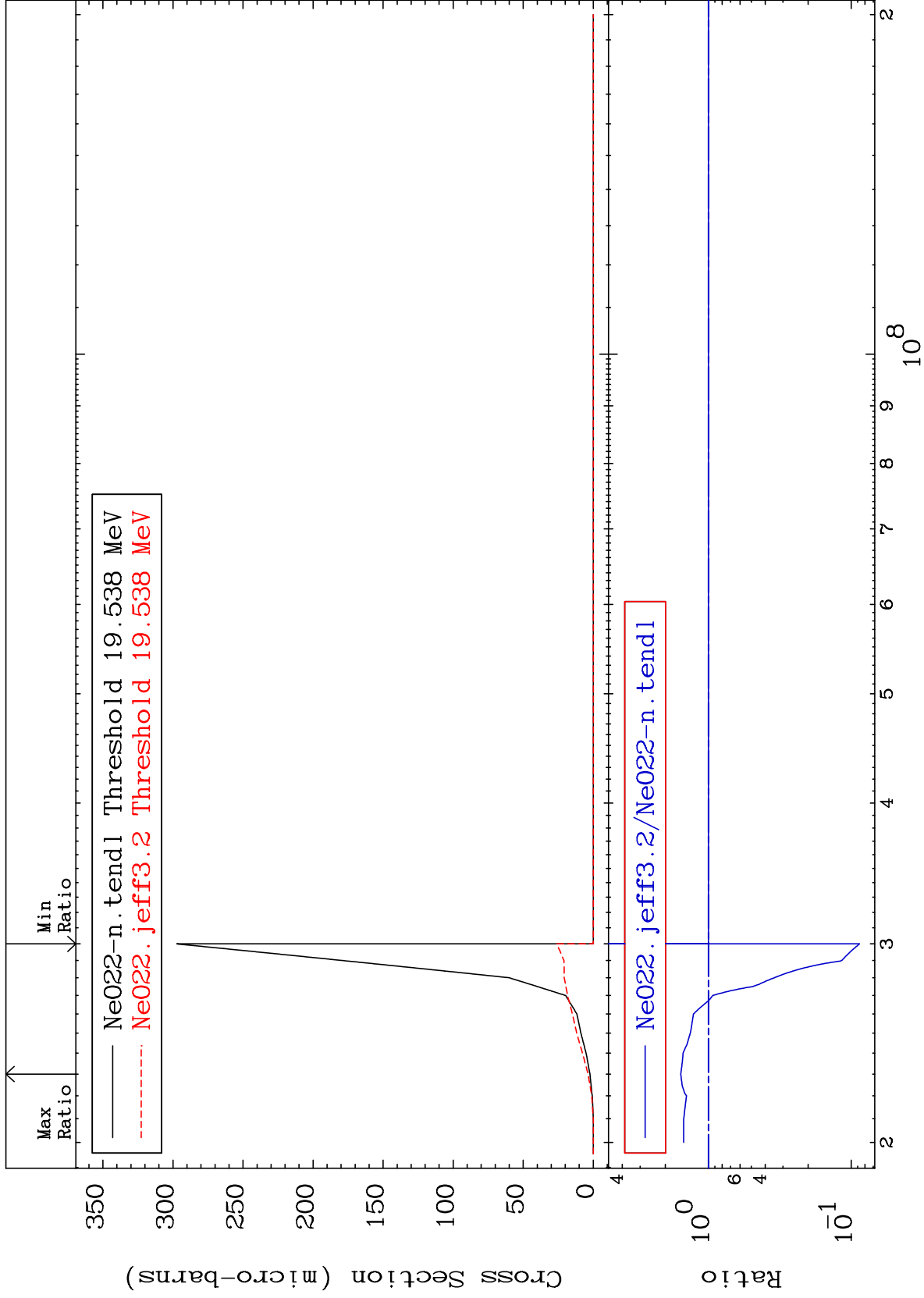
0.000 To 65.49 %
10-Ne-22



MAT 1031

(n, He-3)
Cross Section

10-Ne-22
-91.26 To 55.90 %



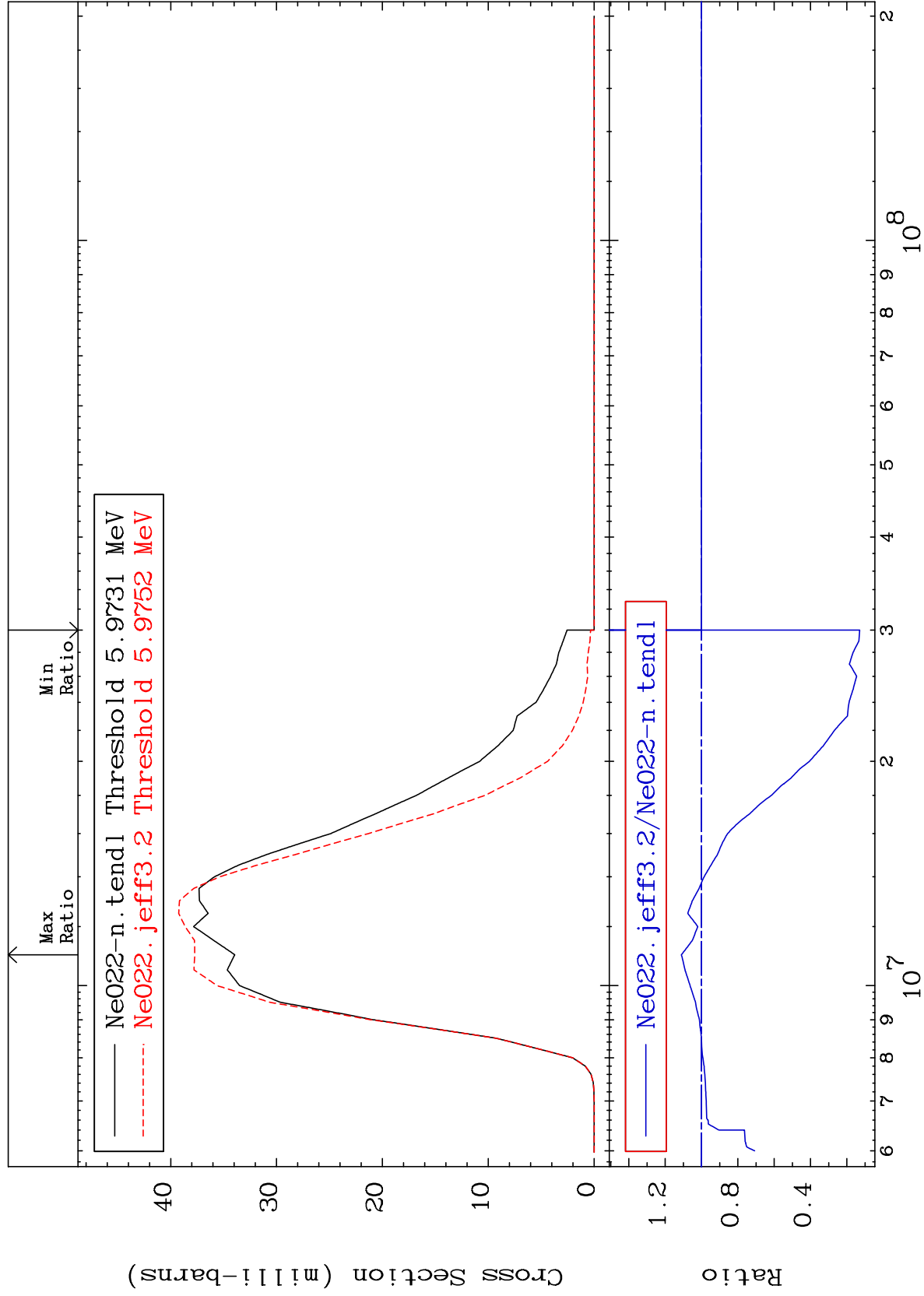
MAT 1031

(n, α)

10-Ne-22

Cross Section

-87.07 To 11.11 %

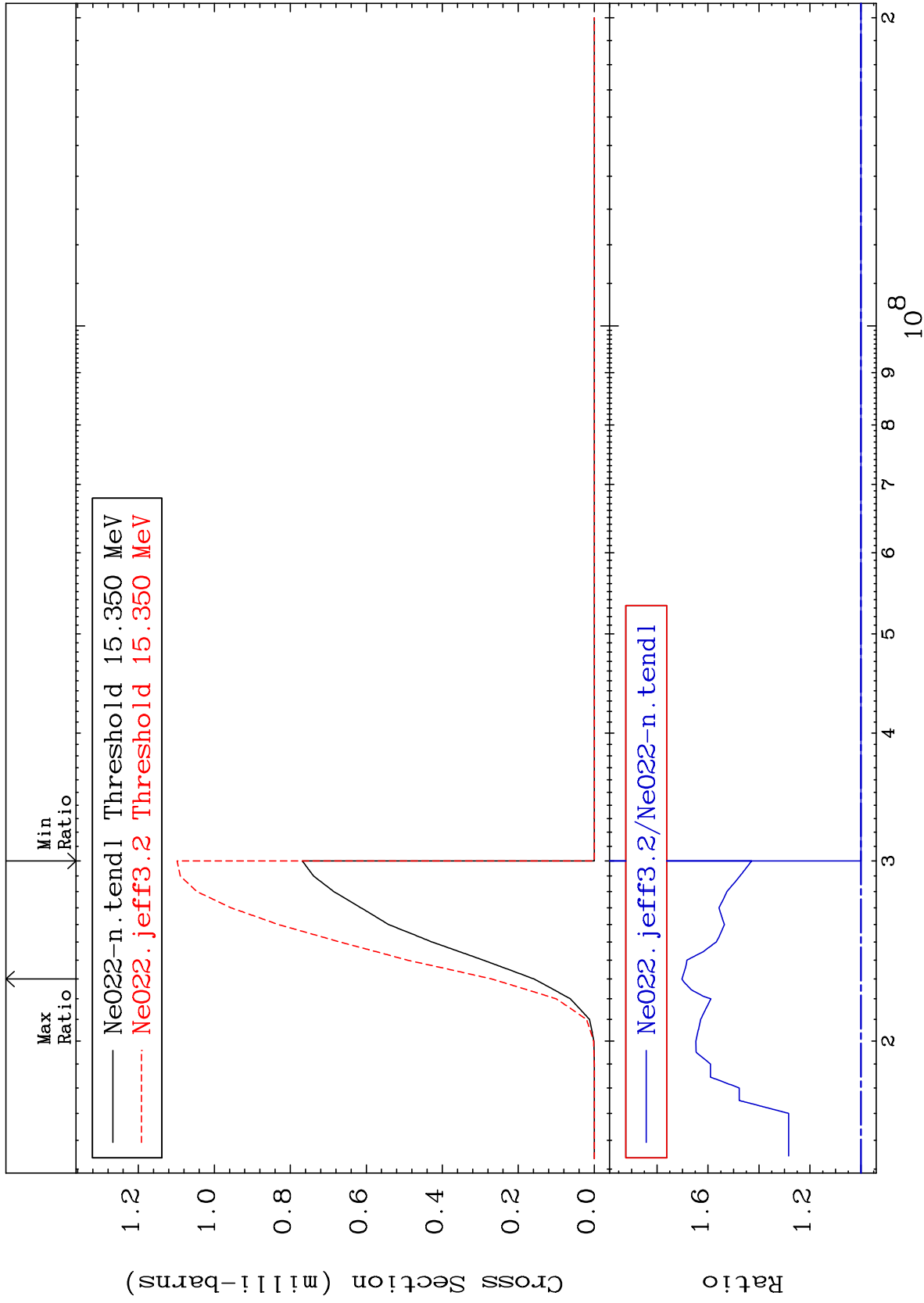


MAT 1031

(n,2α)
Cross Section

10-Ne-22

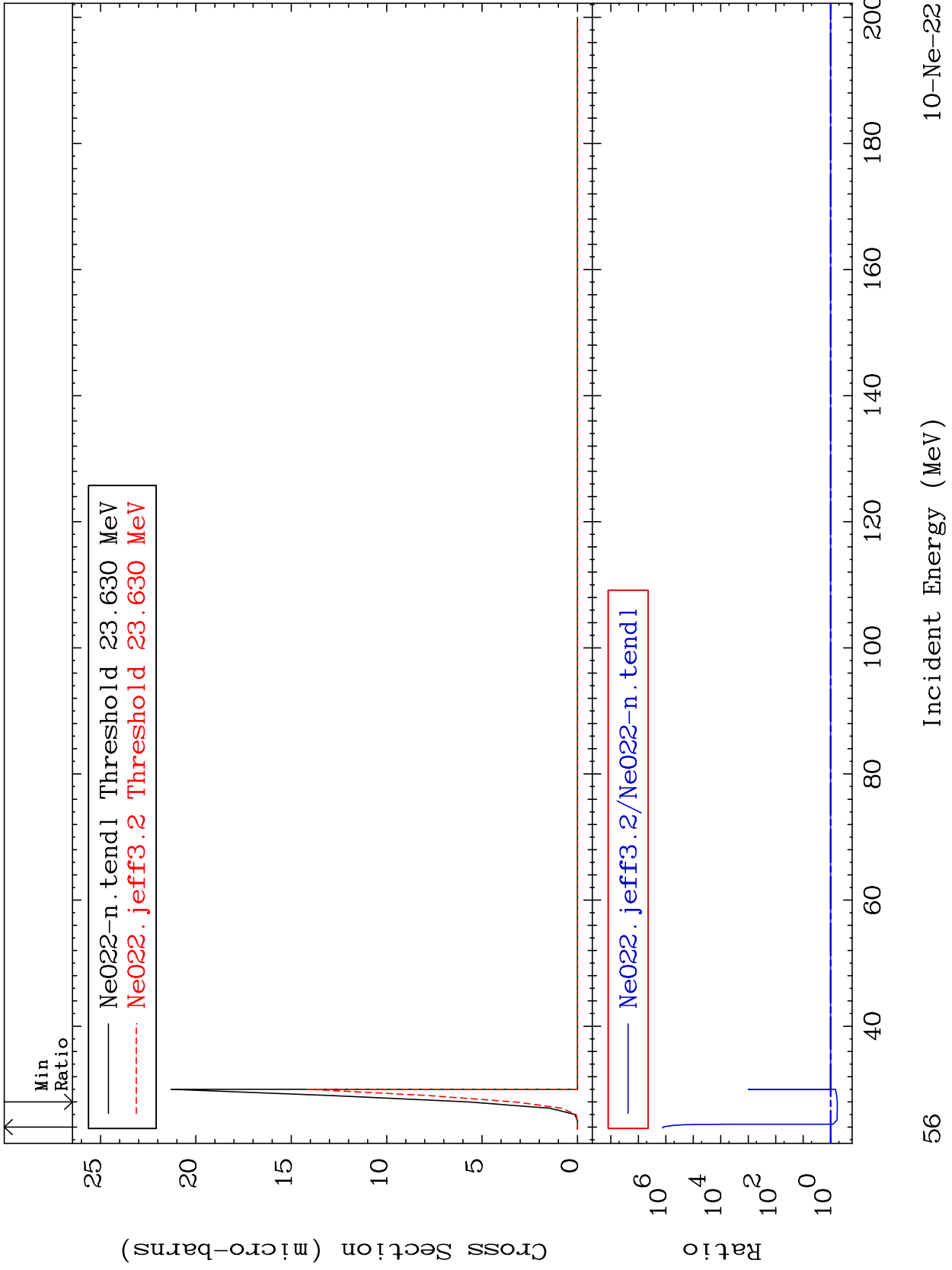
0.000 To 70.24 %



MAT 1031

(n,2p)
Cross Section

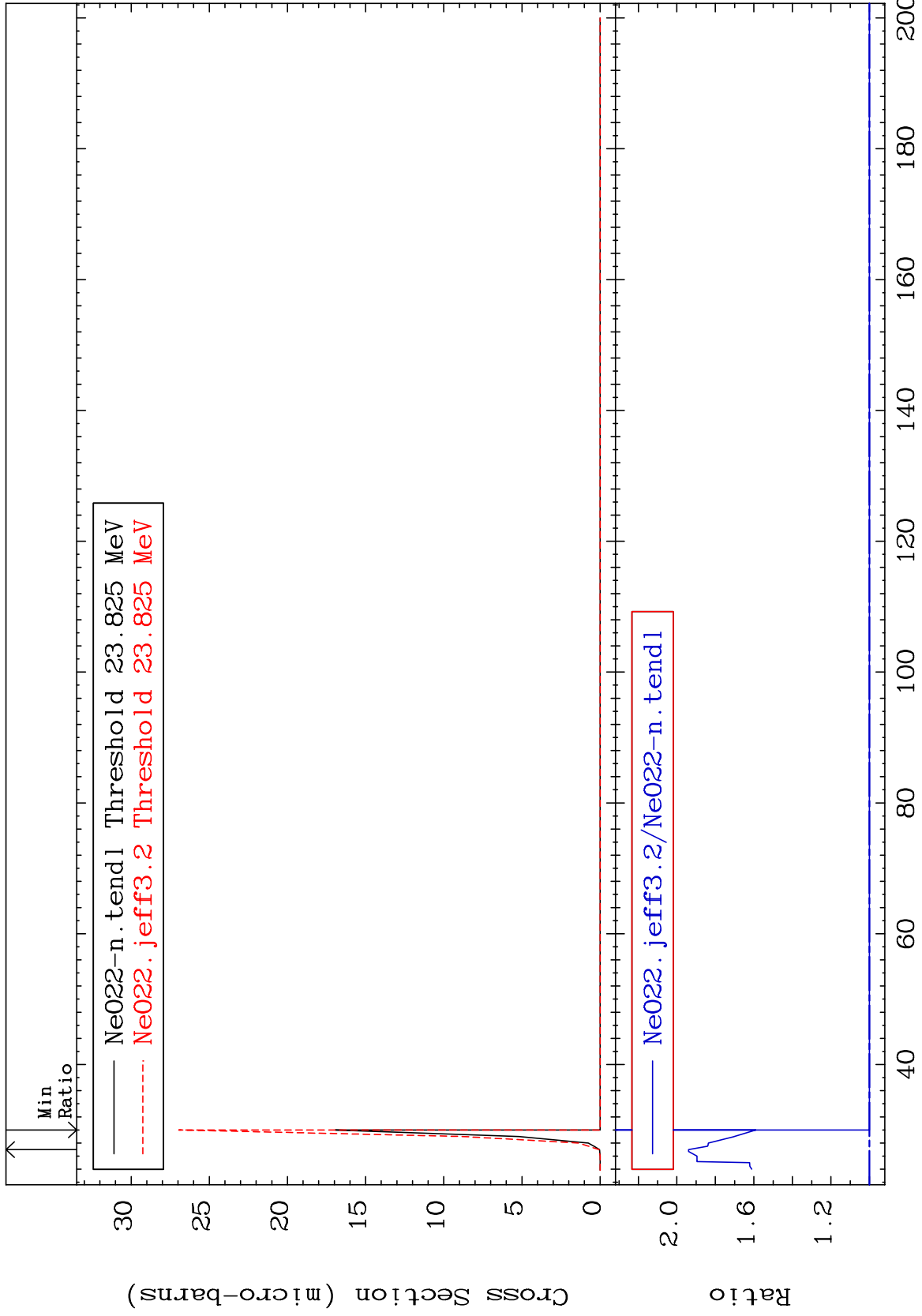
10-Ne-22
-42.54 To 9999. %



MAT 1031

(n,p) α
Cross Section

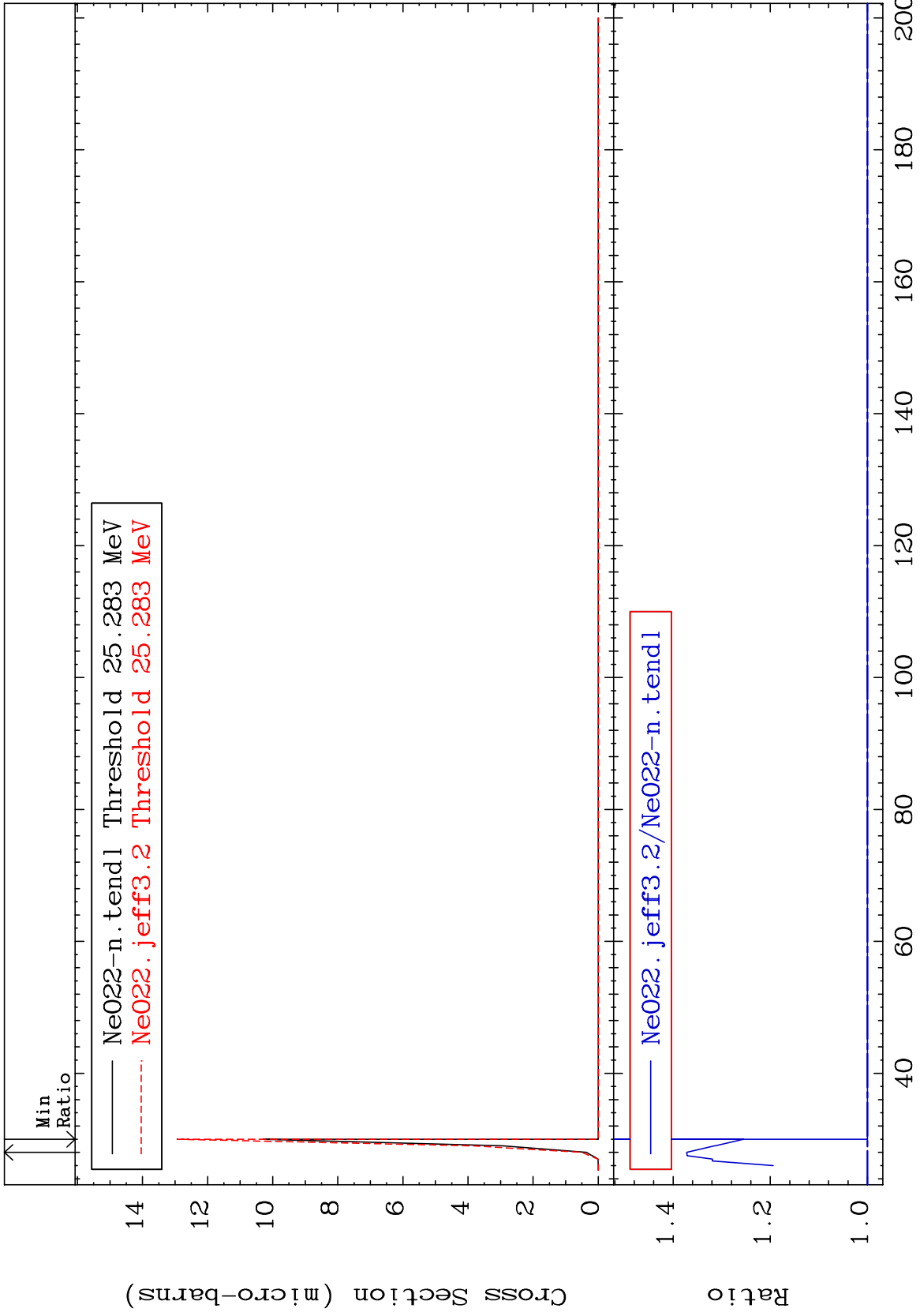
10-Ne-22
0.000 To 93.91 %



MAT 1031

(n,p) d
Cross Section

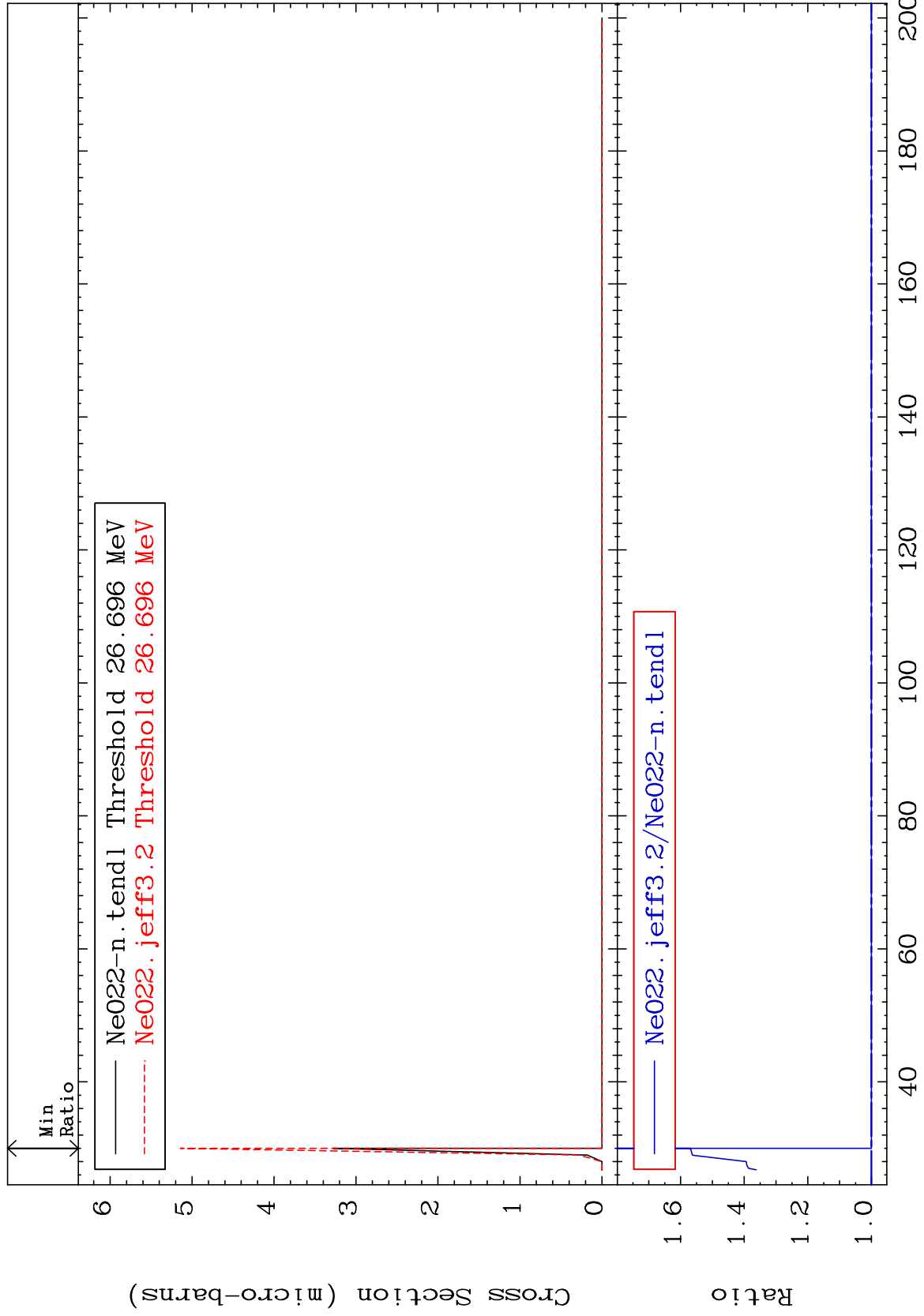
10-Ne-22
To 37.21 %
0.000



MAT 1031

(n,p) t
Cross Section

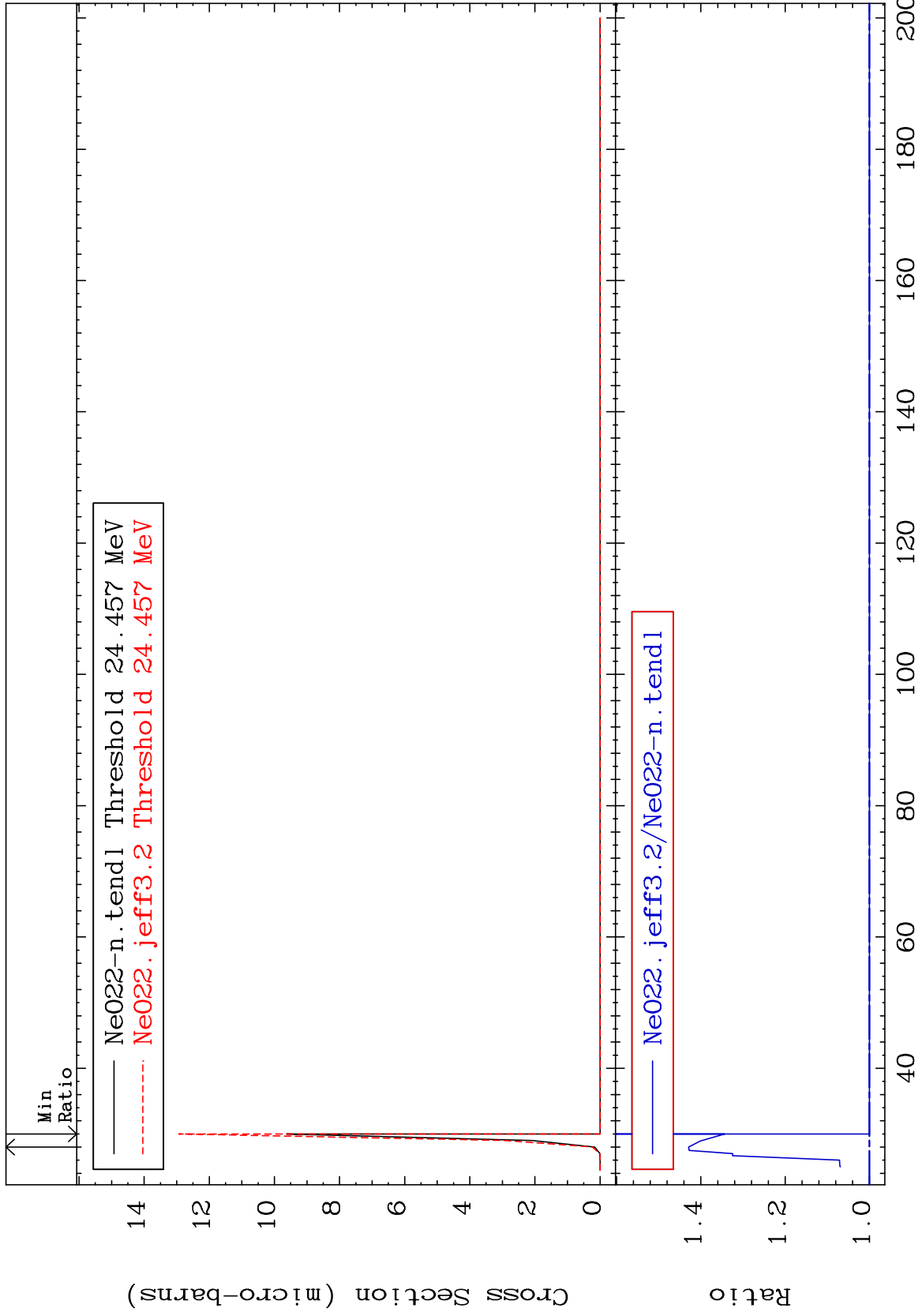
10-Ne-22
To 56.89 %
0.000



MAT 1031

(n,d) α
Cross Section

10-Ne-22
To 42.91 %
0.000



60

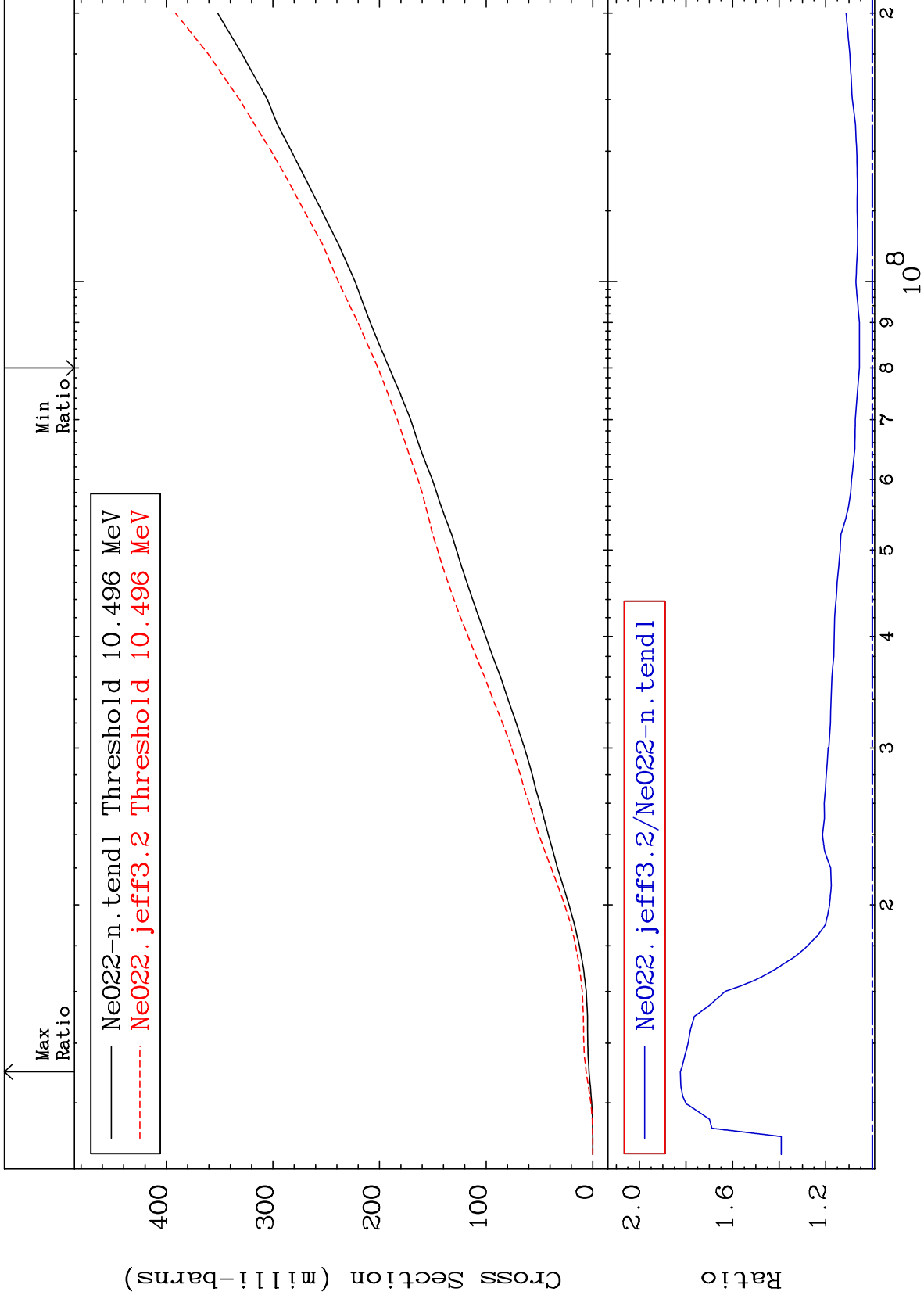
Incident Energy (MeV)

10-Ne-22

MAT 1031

Hydrogen Production
Cross Section

10-Ne-22
5.512 To 82.44 %



61

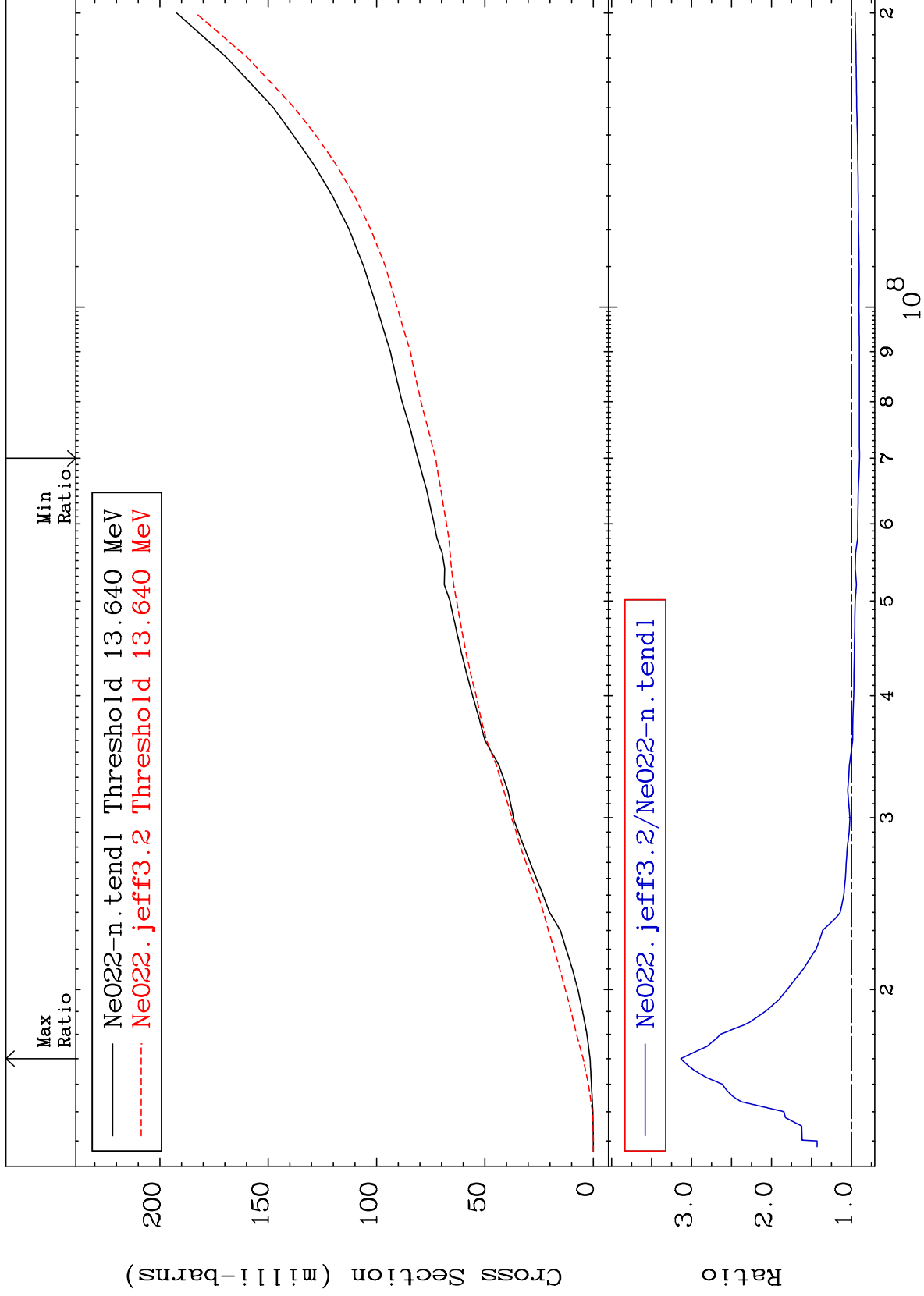
Incident Energy (eV)

10-Ne-22

MAT 1031

Deuterium Production
Cross Section

10-Ne-22
-10.10 To 213.5 %



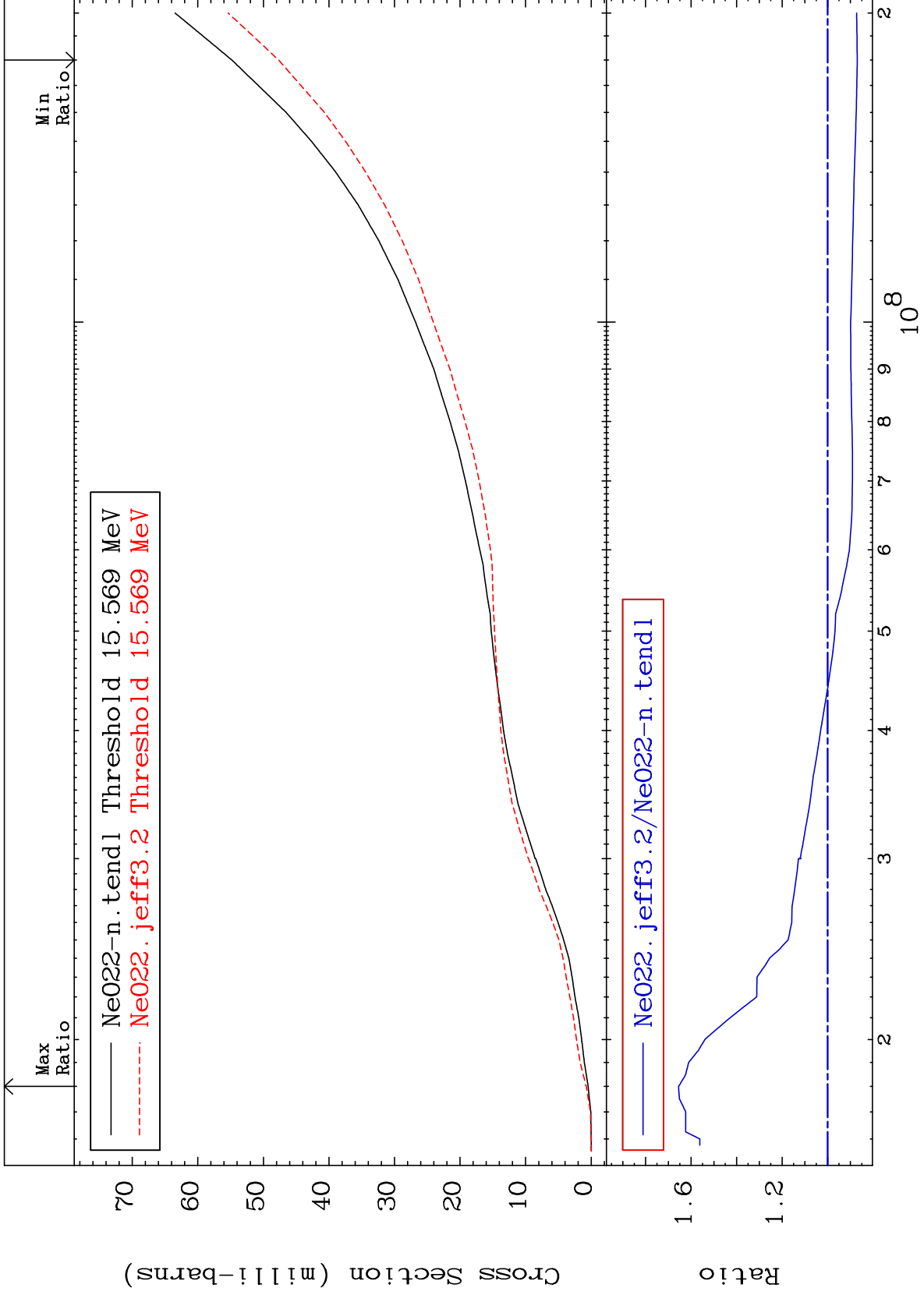
62

10-Ne-22

MAT 1031

Tritium Production
Cross Section

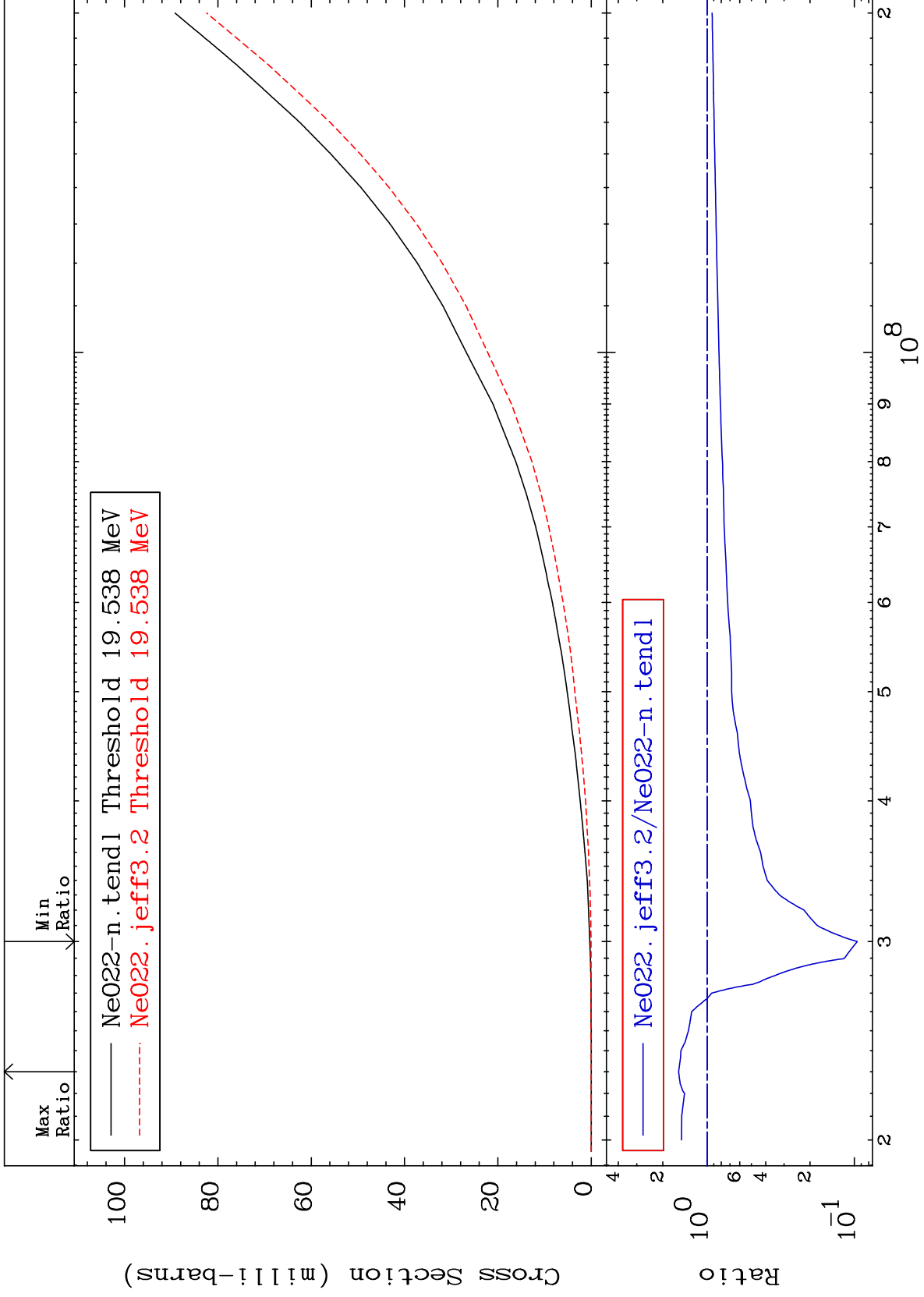
10-Ne-22
-13.02 To 65.49 %



MAT 1031

He-3 Production
Cross Section

10-Ne-22
-90.44 To 55.90 %



64

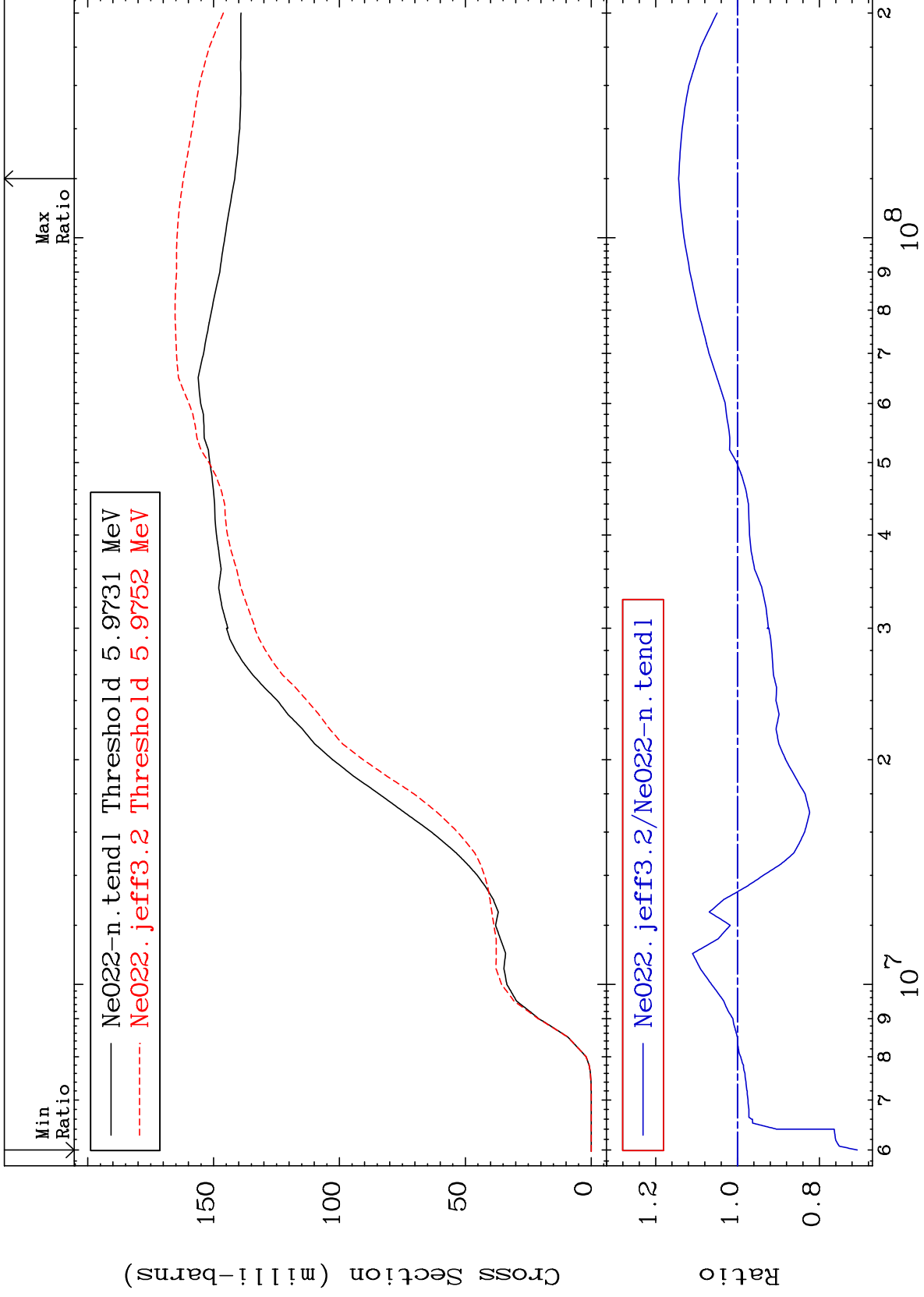
Incident Energy (eV)

10-Ne-22

MAT 1031

He-4 Production
Cross Section

10-Ne-22
-29.26 To 14.39 %



65

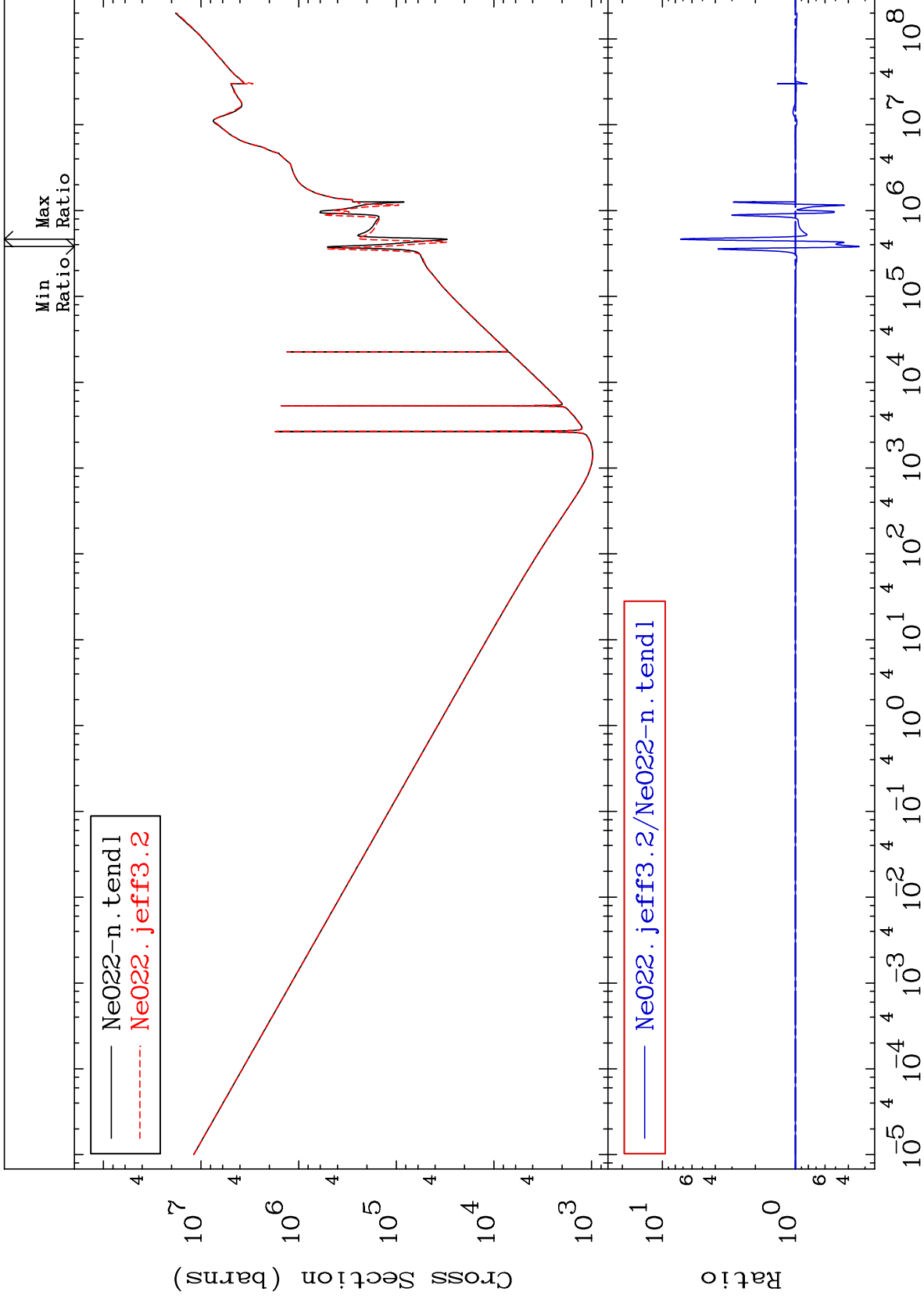
Incident Energy (eV)

10-Ne-22

MAT 1031

Kerma total (eV-barns)
Cross Section

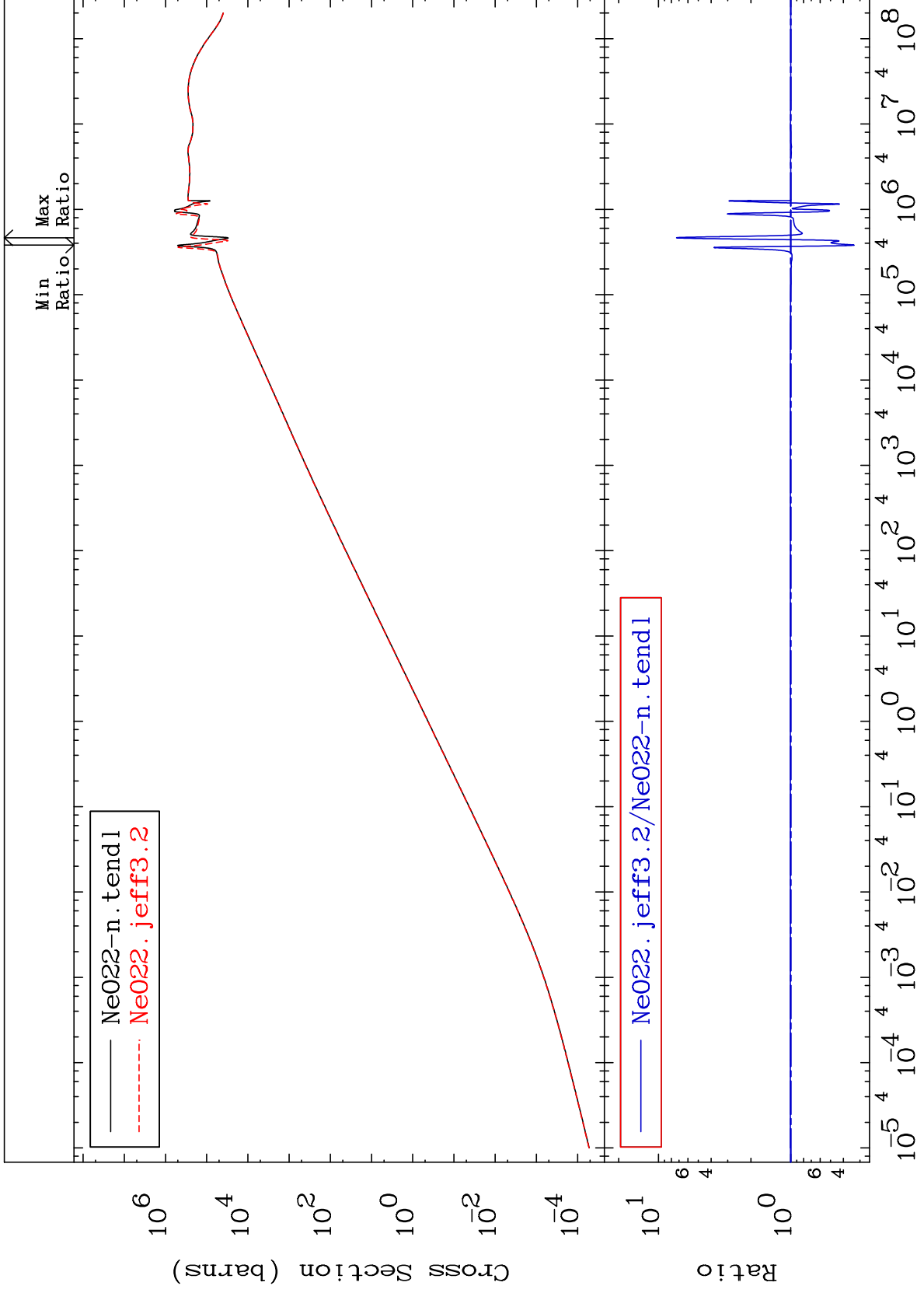
10-Ne-22
-66.96 To 632.9 %



MAT 1031

Kerma elastic
Cross Section

10-Ne-22
-66.96 To 633.2 %



67

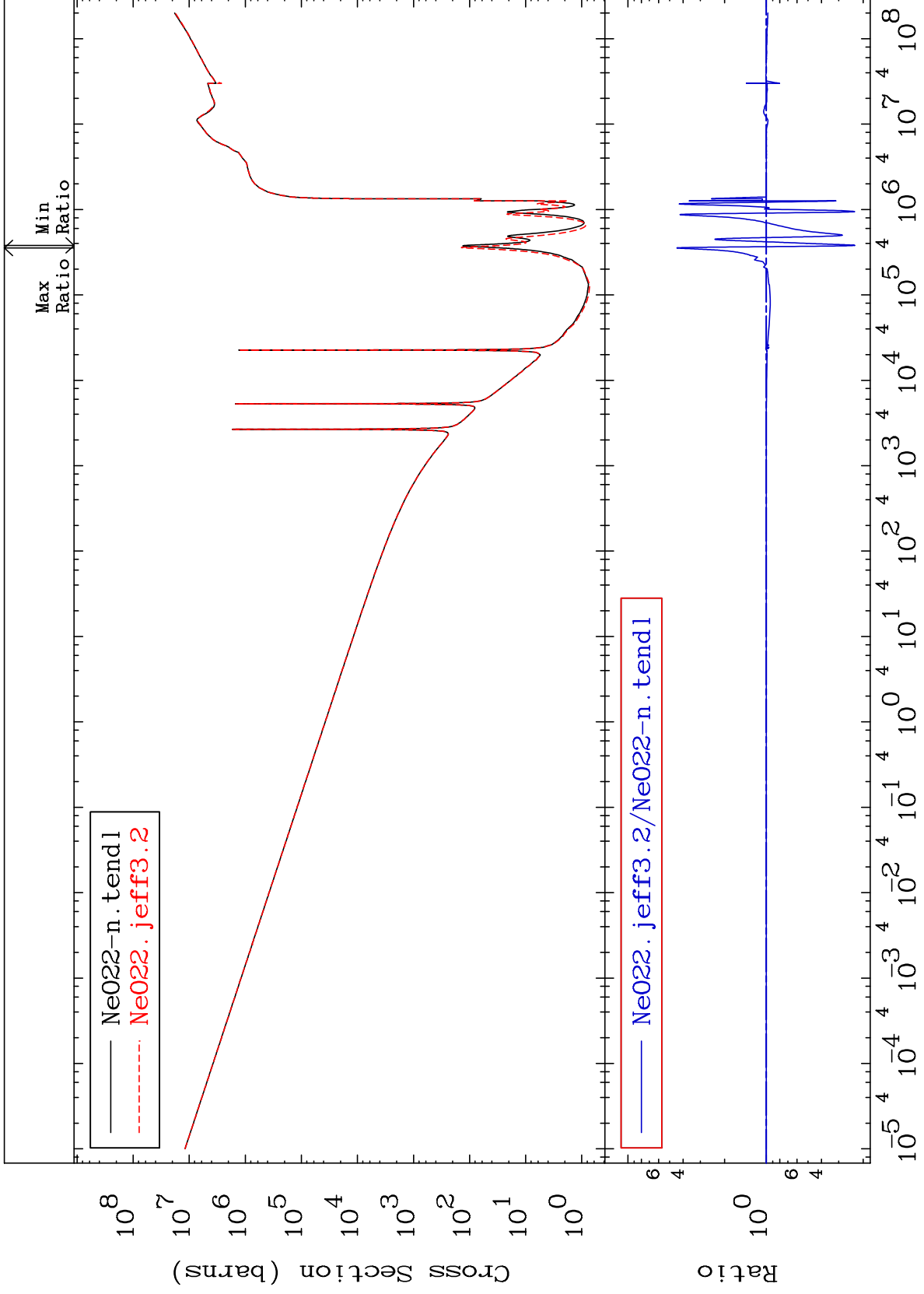
Incident Energy (eV)

10-Ne-22

MAT 1031

Kerma non-elastic (all but mt2)
Cross Section

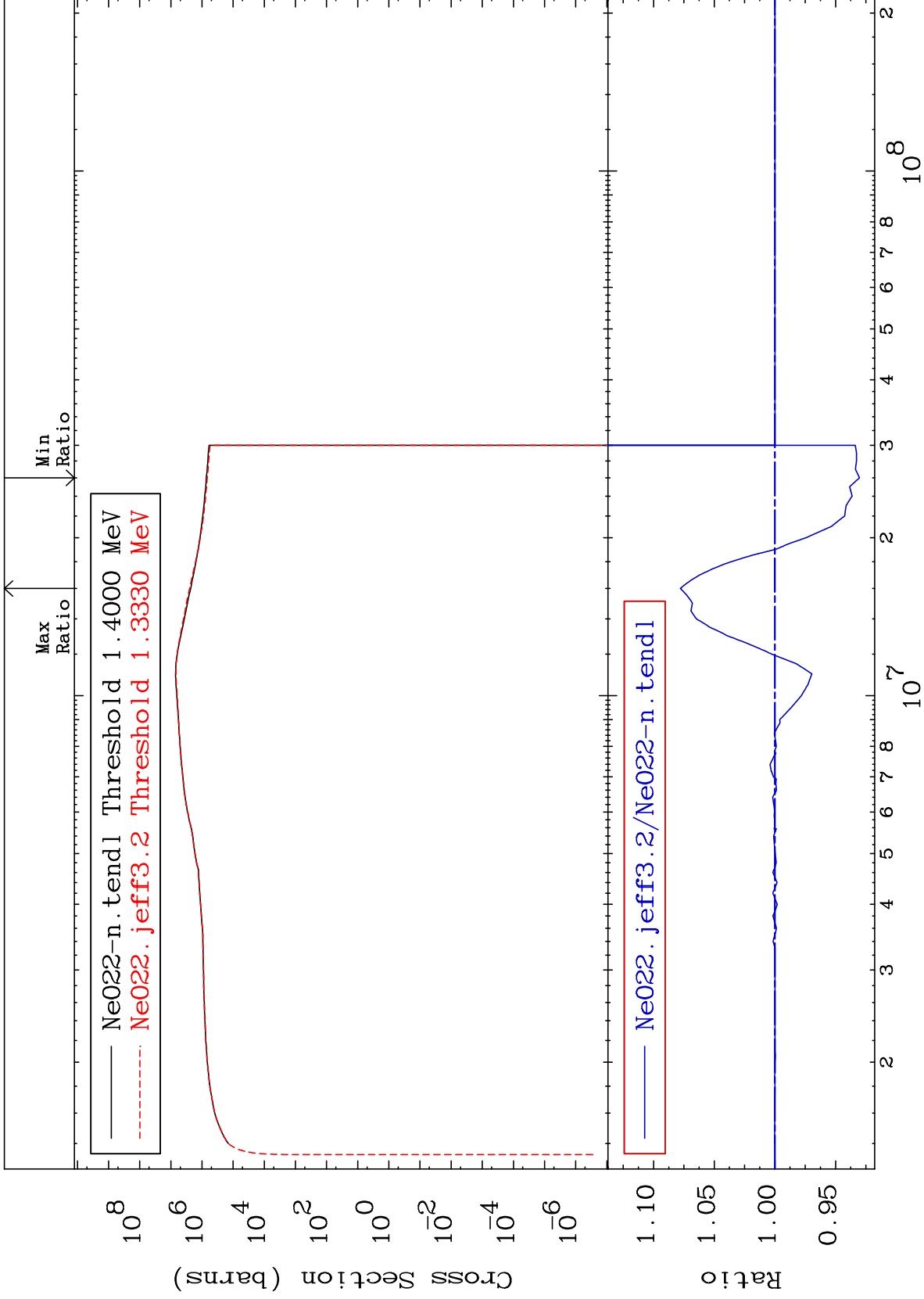
10-Ne-22
-77.14 To 342.5 %



68

Incident Energy (eV)

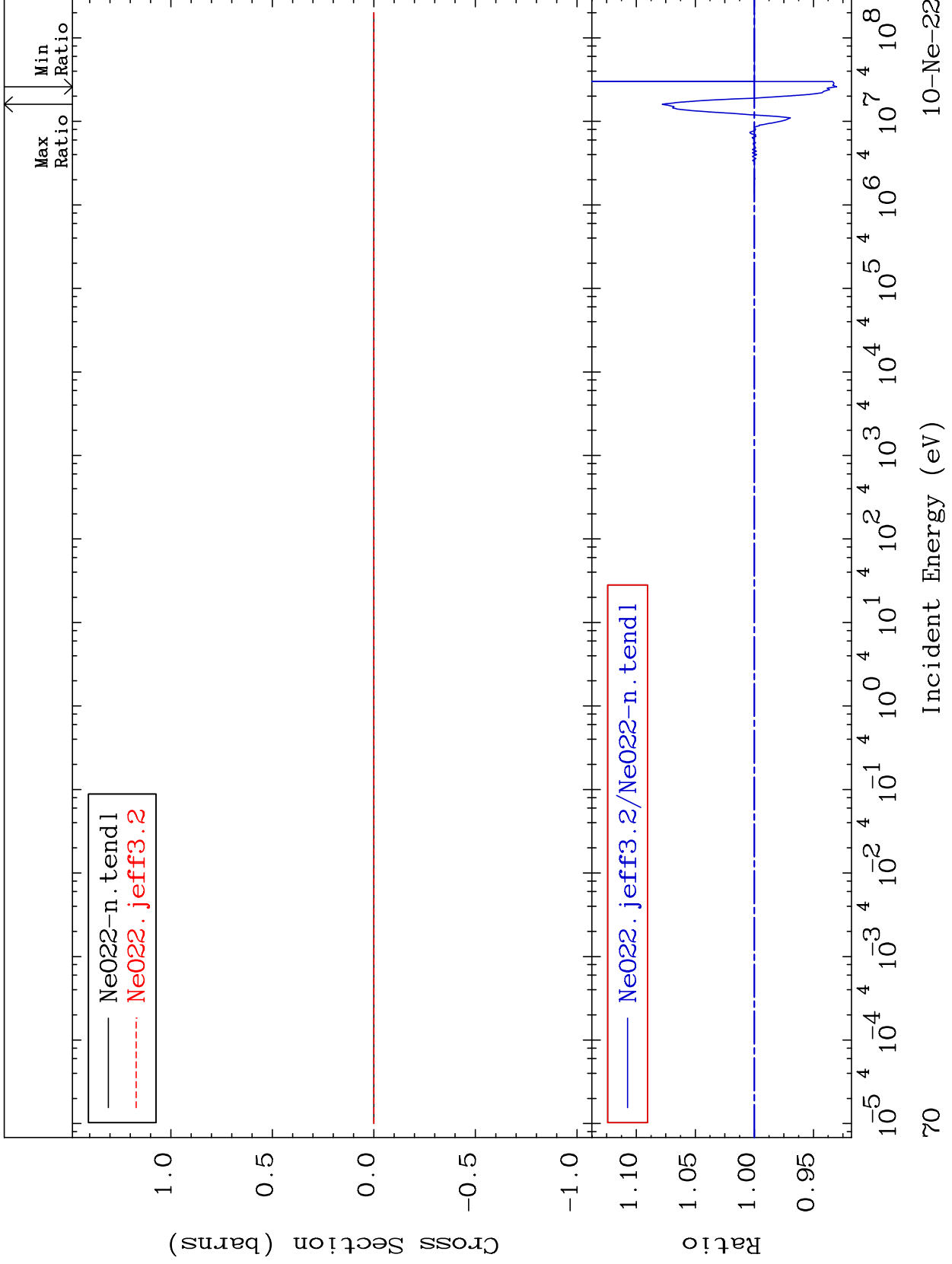
10-Ne-22



MAT 1031

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

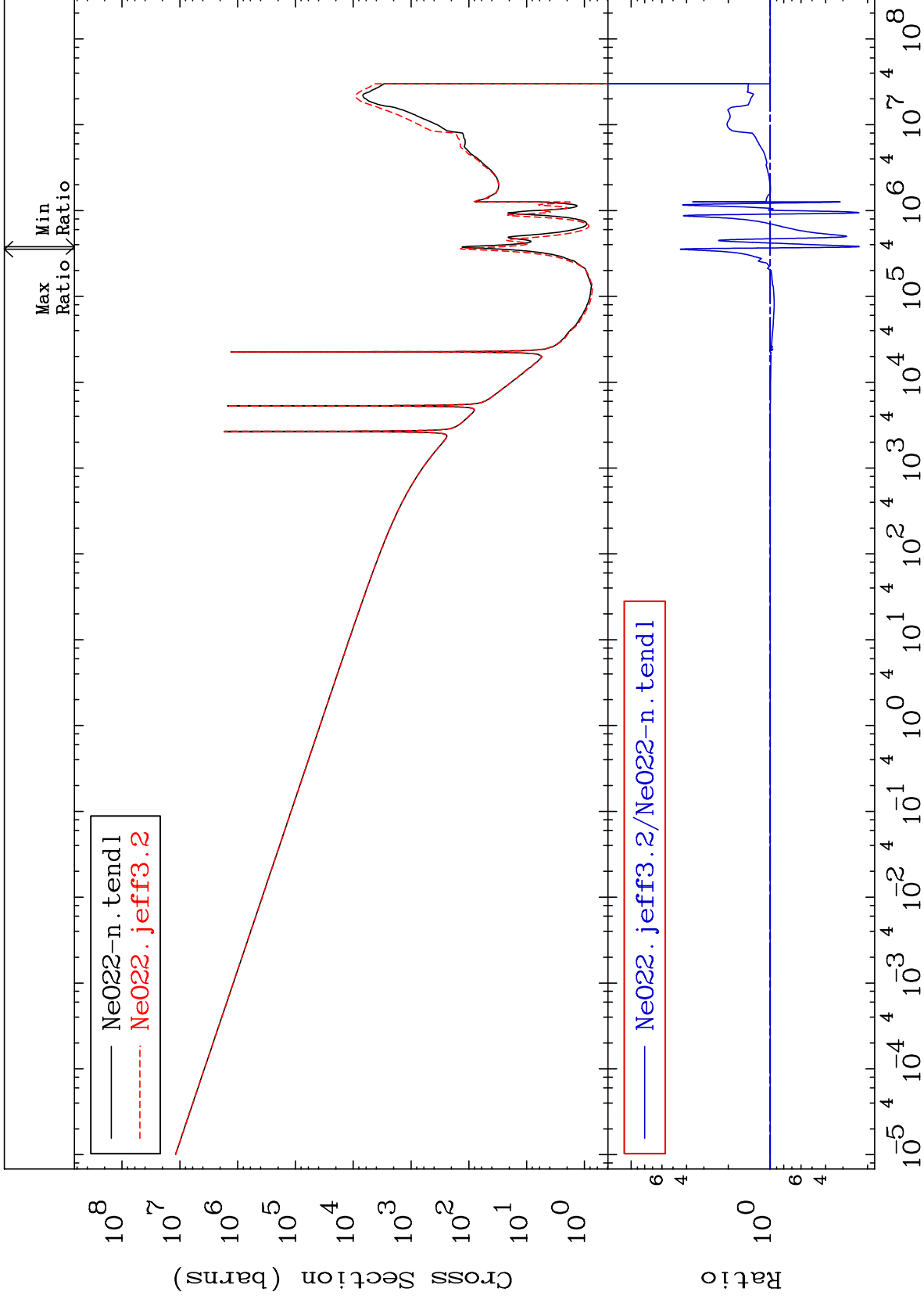
10-Ne-22
-6.966 To 7.793 %



MAT 1031

Kerma capture (mt102)
Cross Section

10-Ne-22
-77.14 To 342.5 %



71

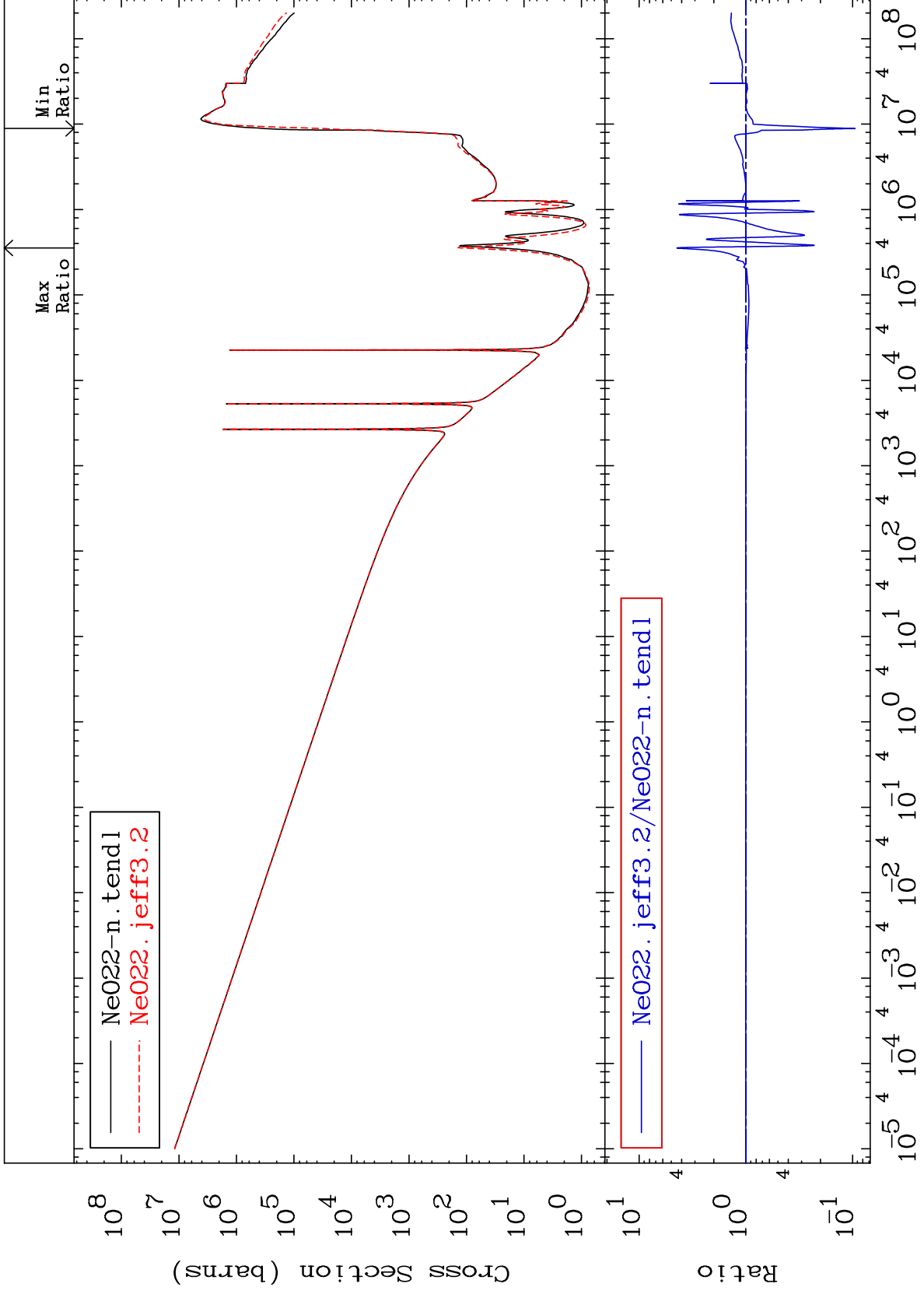
Incident Energy (eV)

10-Ne-22

MAT 1031

Total photon (eV-barns)
Cross Section

10-Ne-22
-90.54 To 342.5 %



72

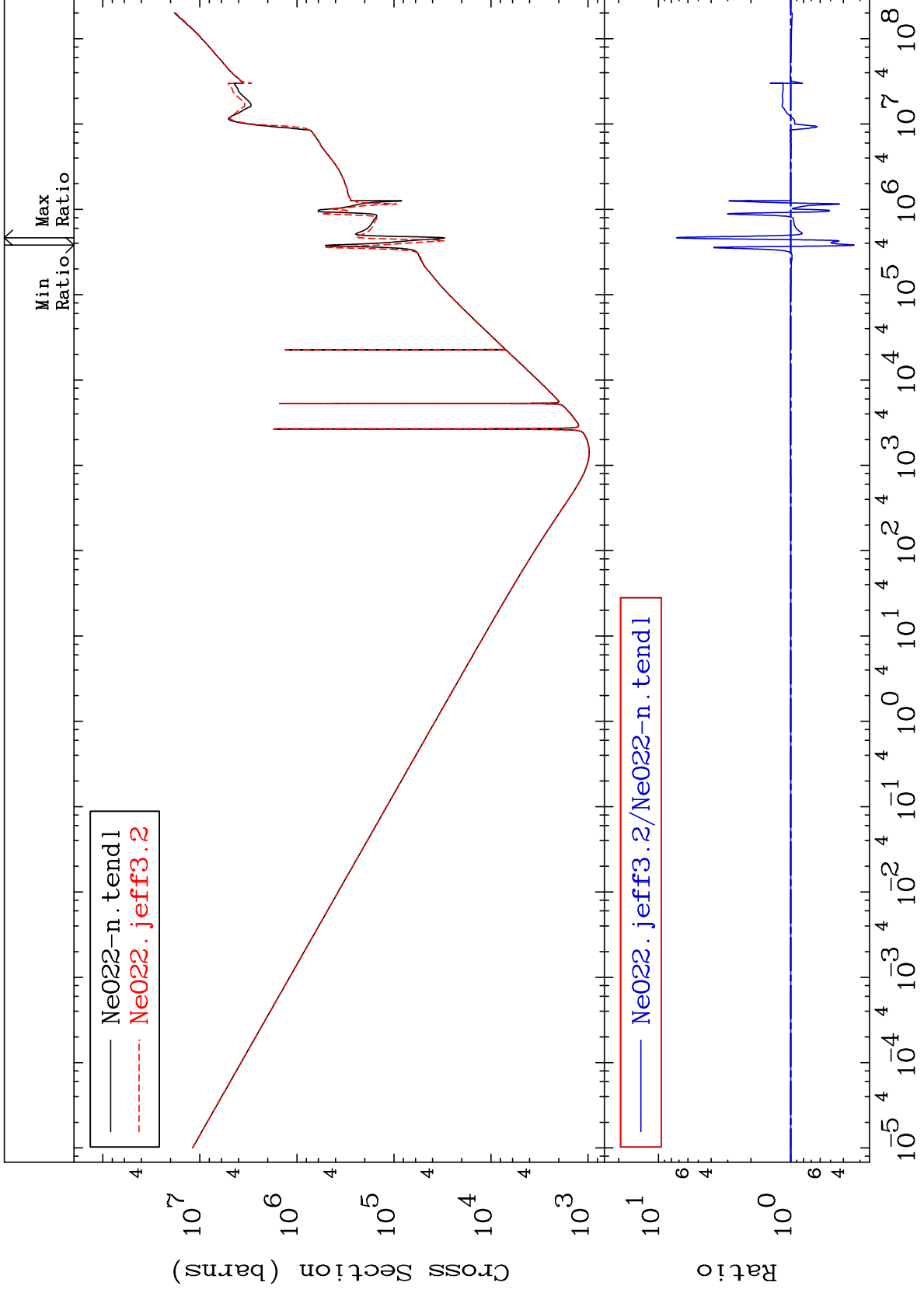
Incident Energy (eV)

10-Ne-22

MAT 1031

Total kinematic kerma (high limit)
Cross Section

10-Ne-22
-66.96 To 632.9 %



73

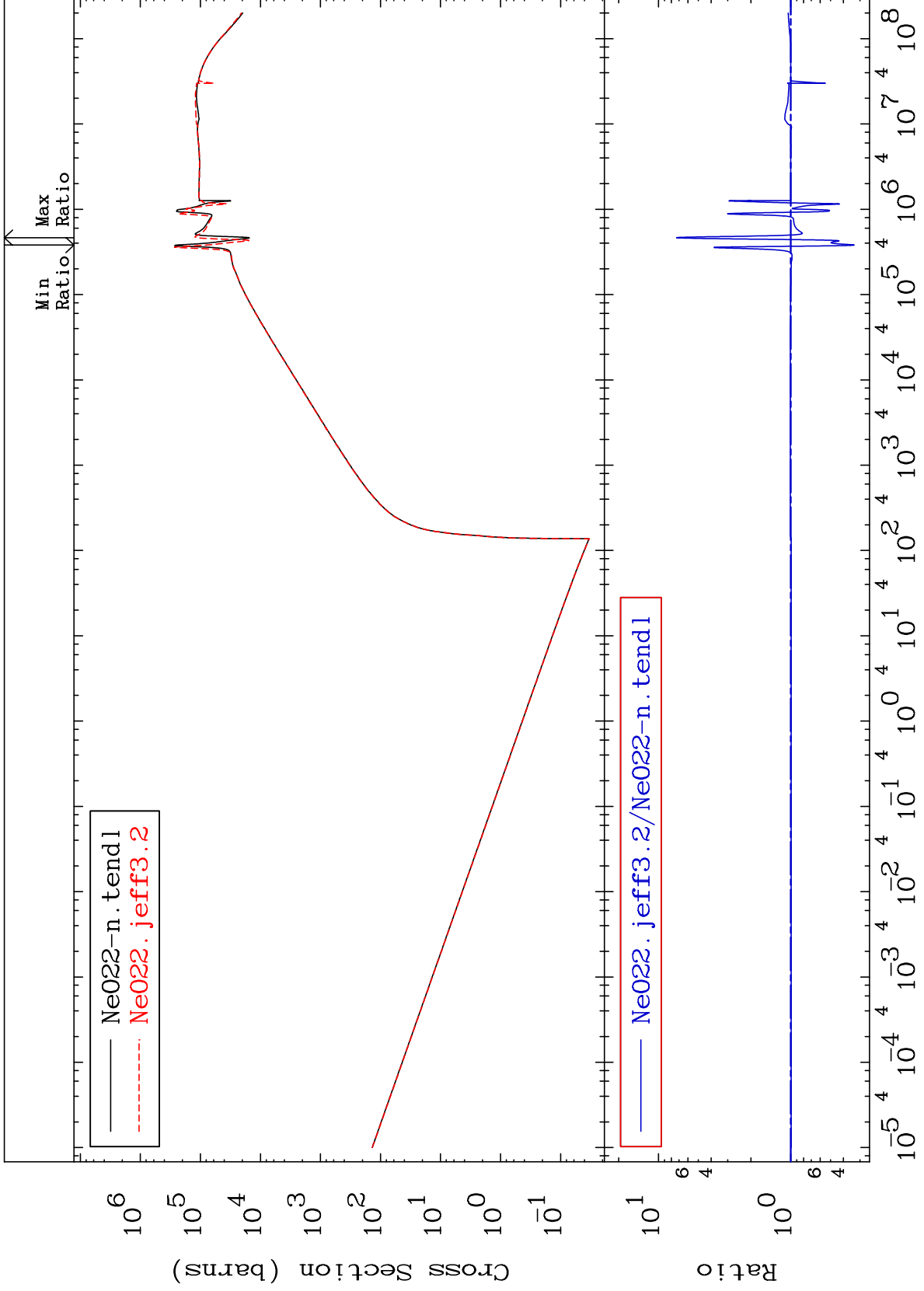
Incident Energy (eV)

10-Ne-22

MAT 1031

Dpa total (eV-barns)
Cross Section

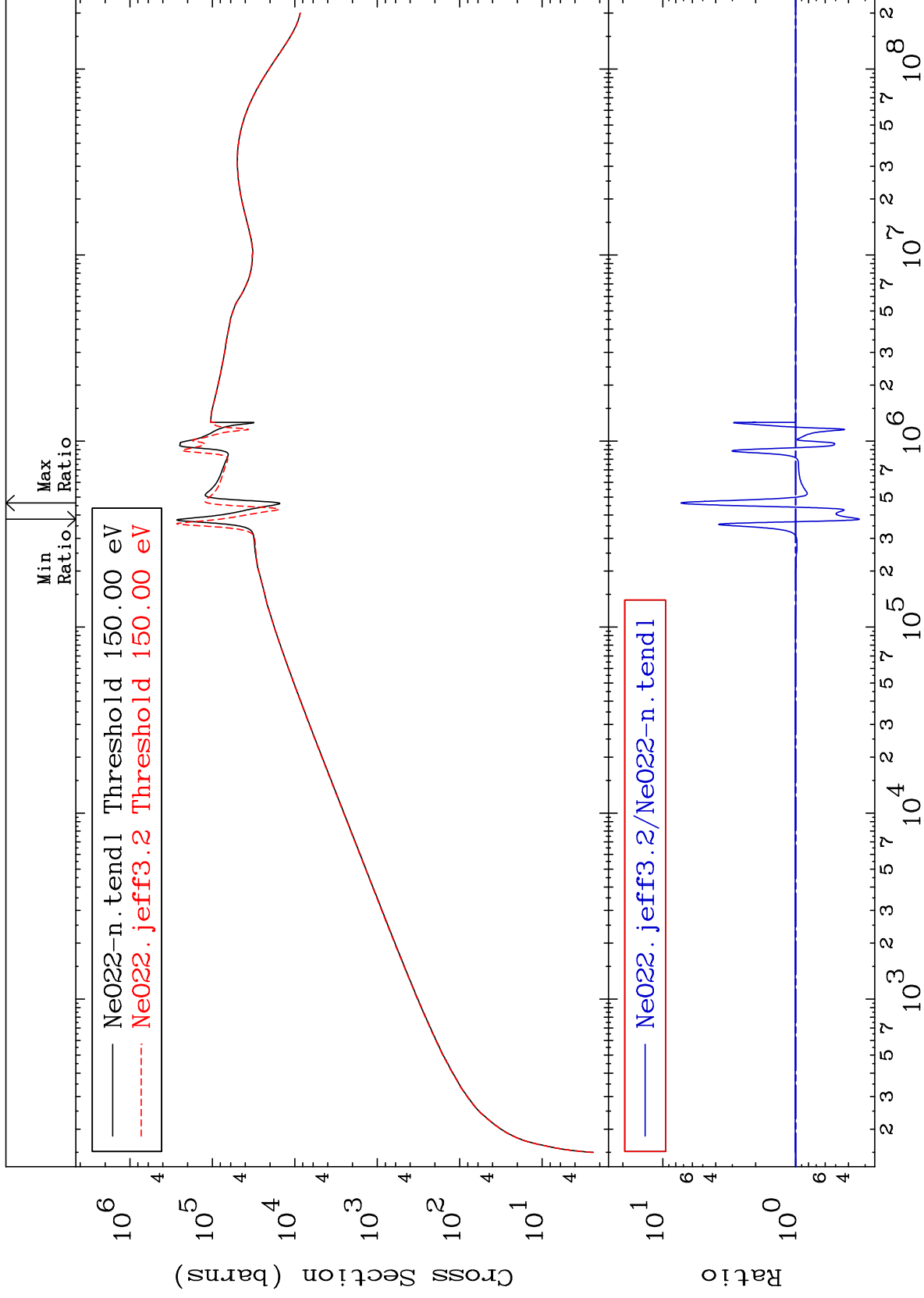
10-Ne-22
-66.96 To 633.2 %



74

Incident Energy (eV)

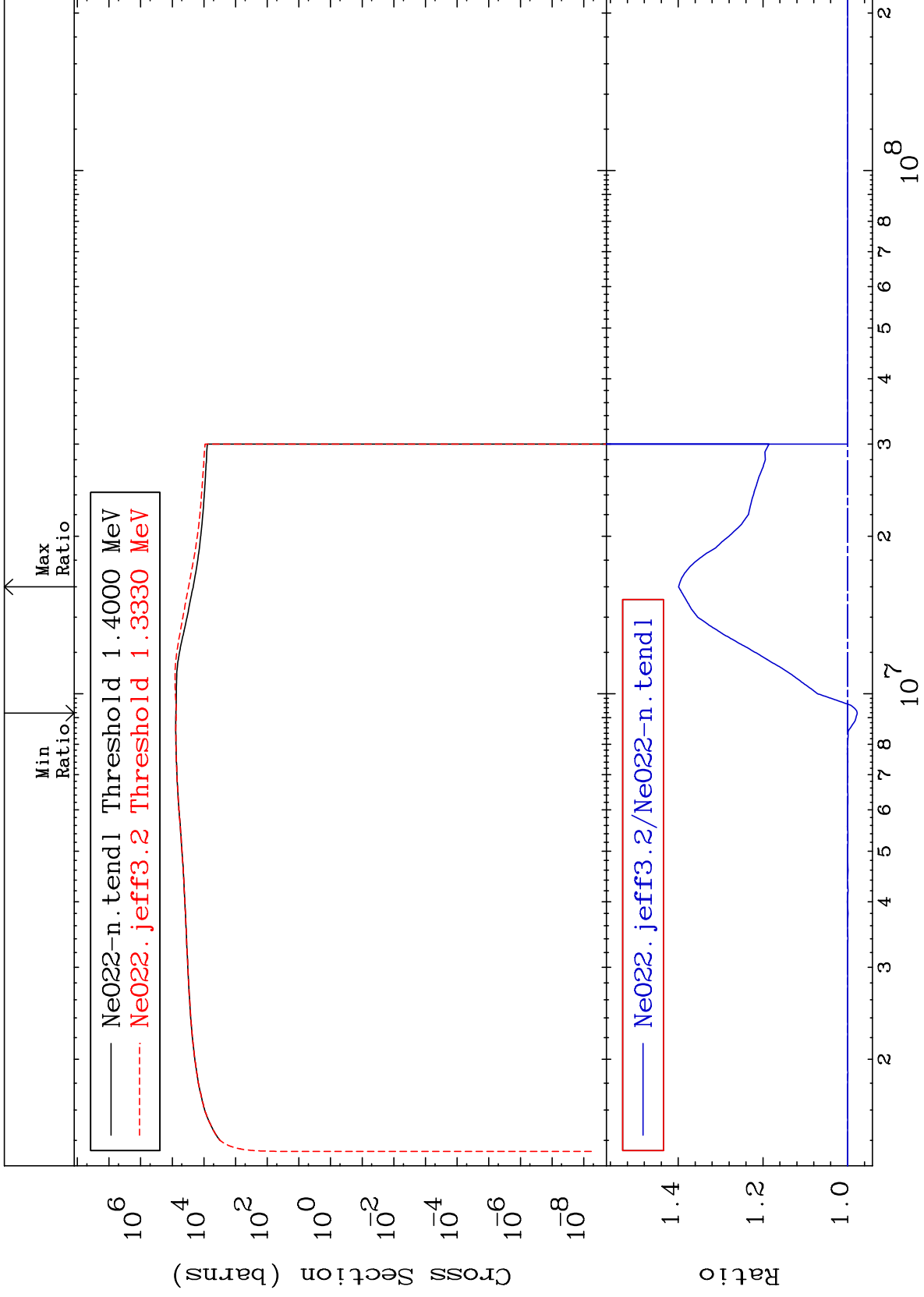
10-Ne-22



MAT 1031

Dpa inelastic (mt51-91)
Cross Section

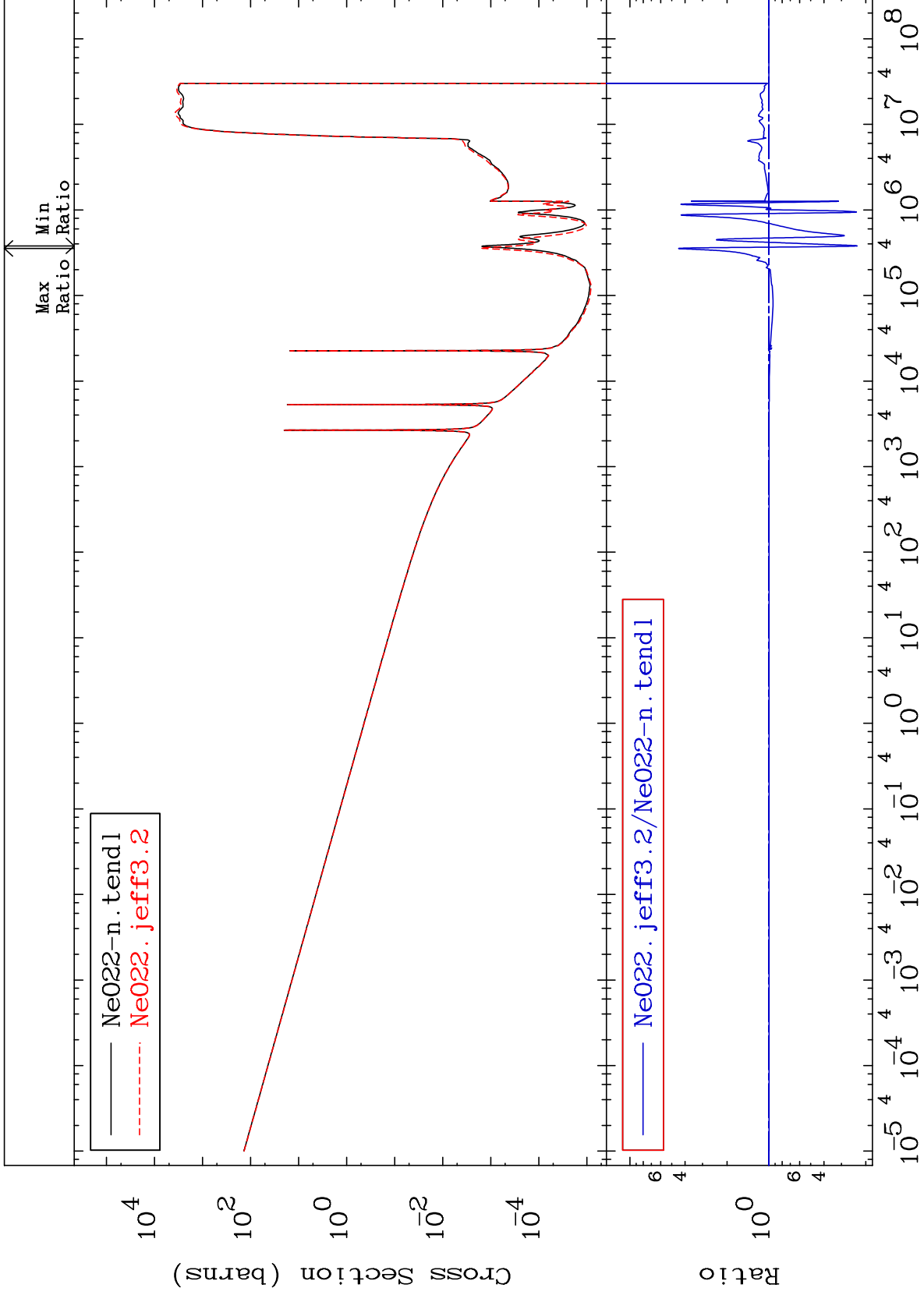
10-Ne-22
-2.262 To 39.90 %



MAT 1031

Dpa disappearance (mt102 -120)
Cross Section

10-Ne-22
-76.94 To 345.5 %



77

Incident Energy (eV)

10-Ne-22