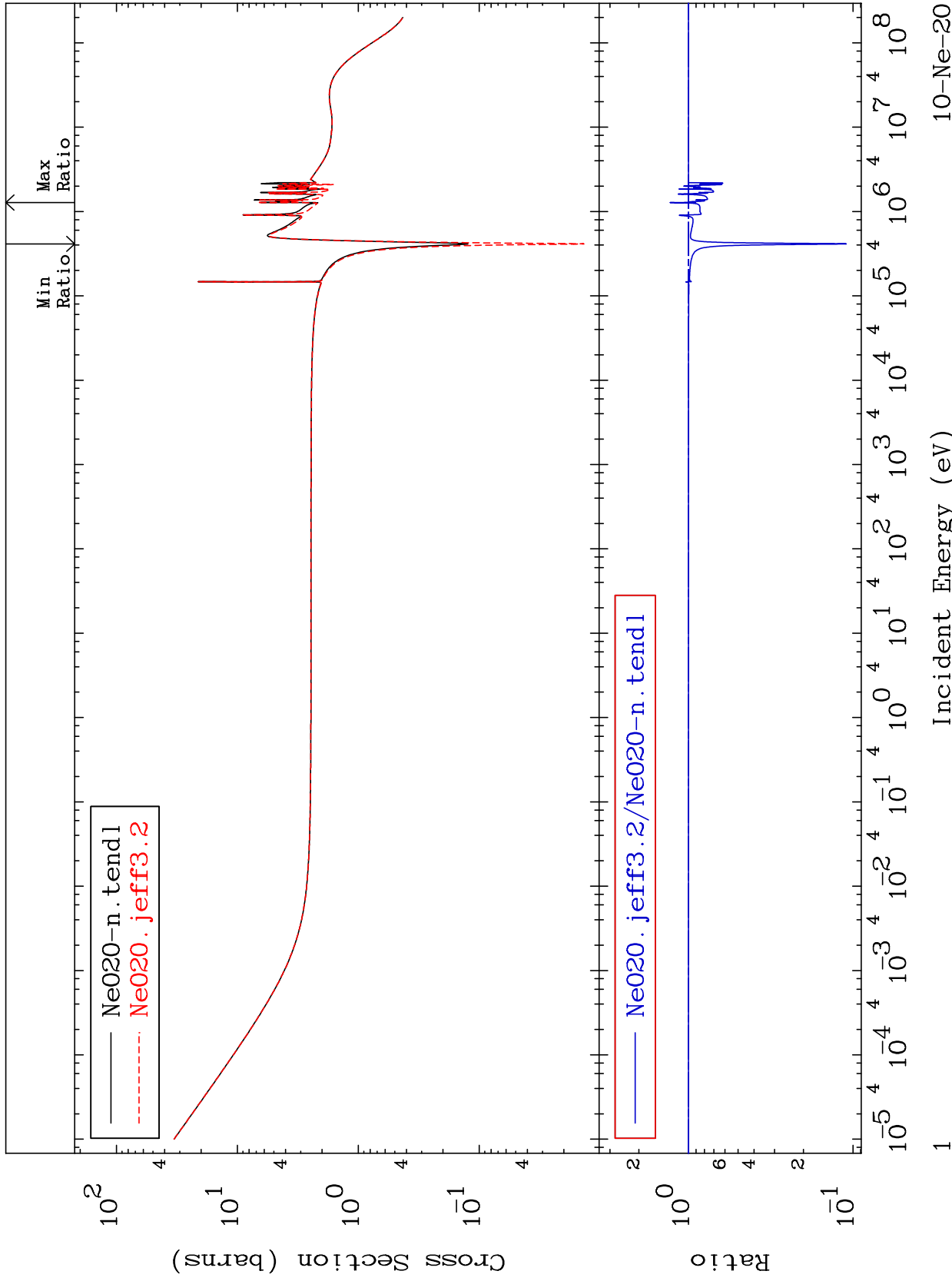


MAT 1025

Total
Cross Section

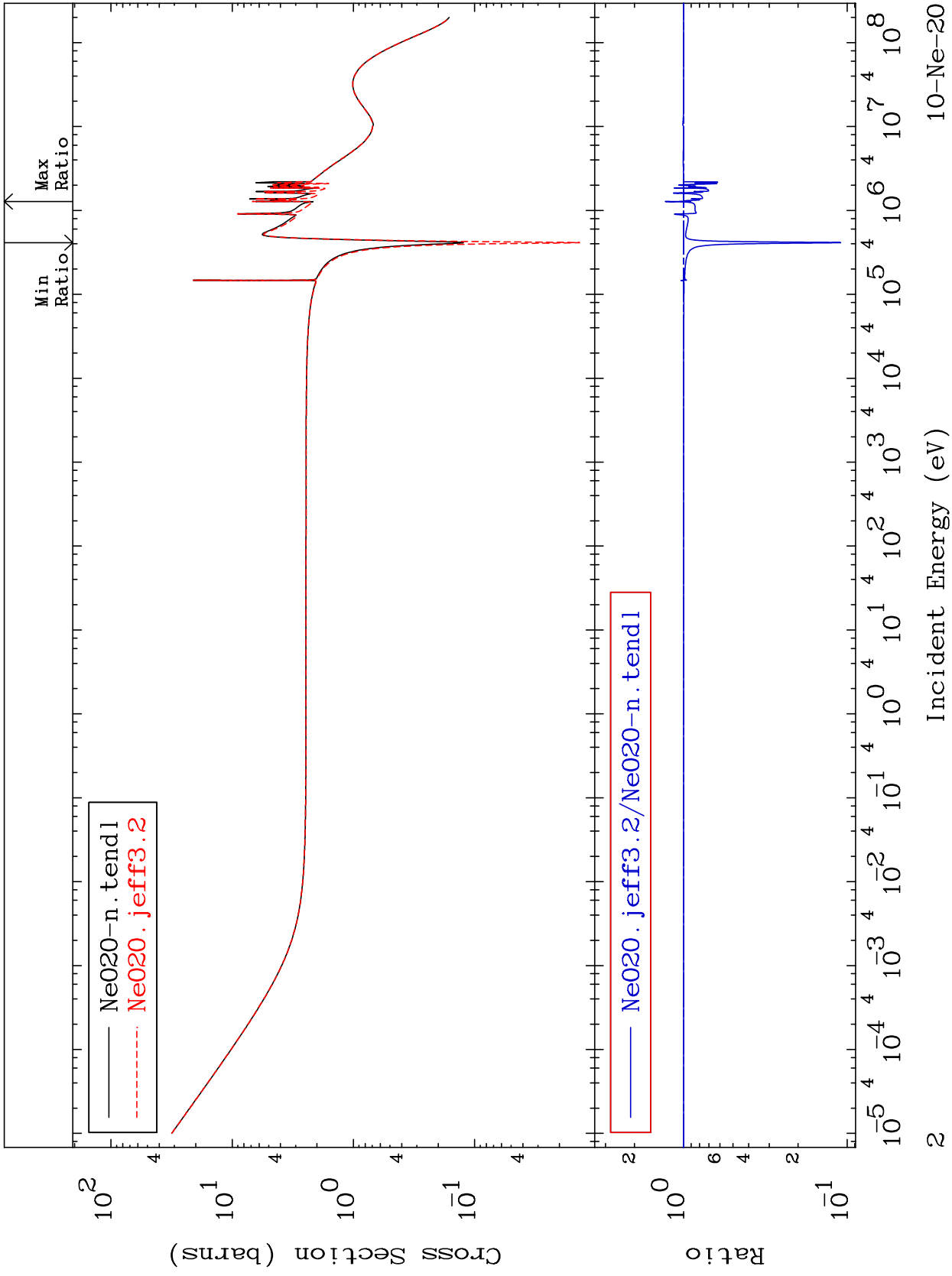
10-Ne-20
-89.01 To 29.03 %



MAT 1025

Elastic
Cross Section

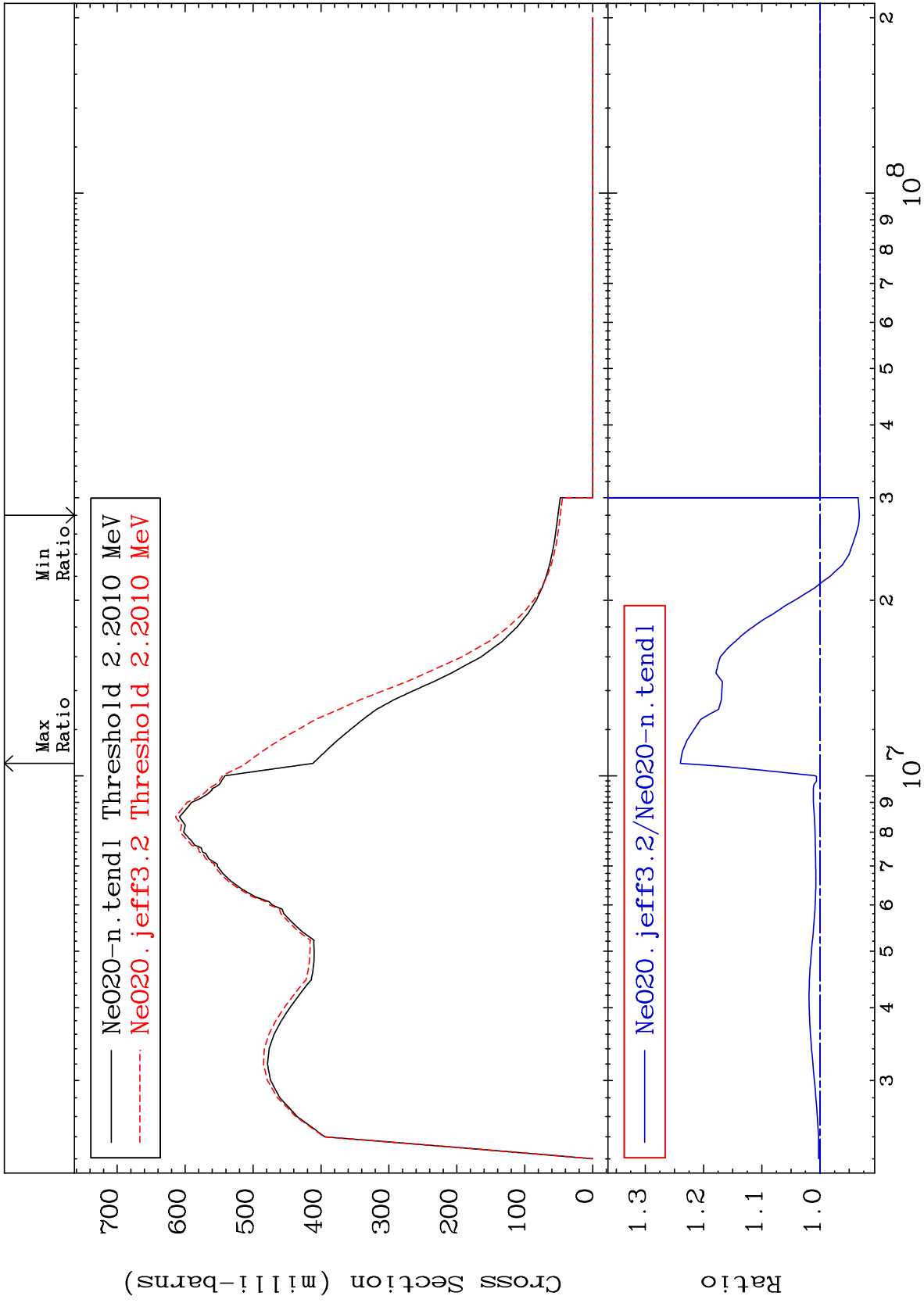
10-Ne-20
-89.02 To 29.07 %



MAT 1025

Inelastic
Cross Section

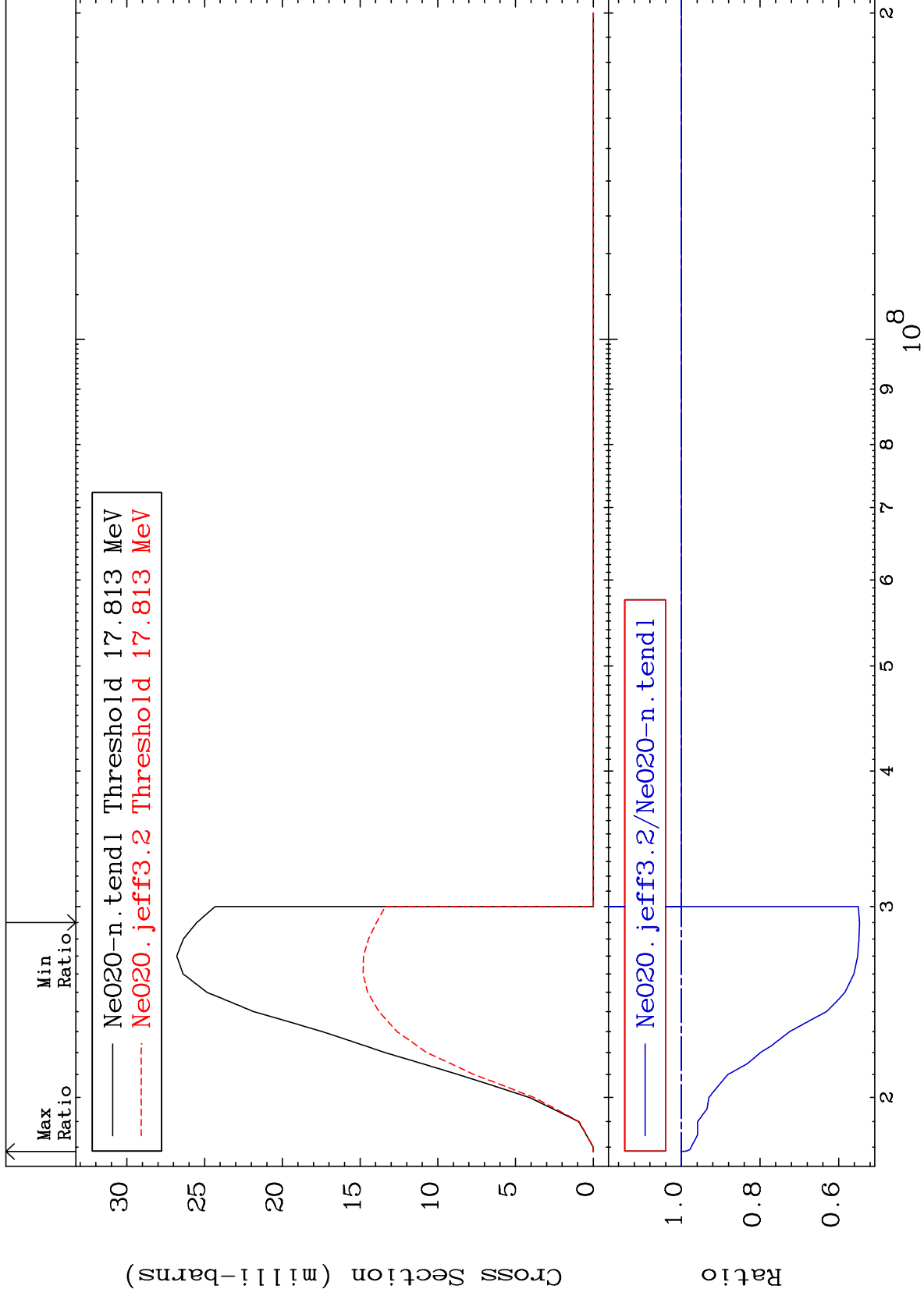
10-Ne-20
-6.763 To 23.99 %



MAT 1025

(n,2n)
Cross Section

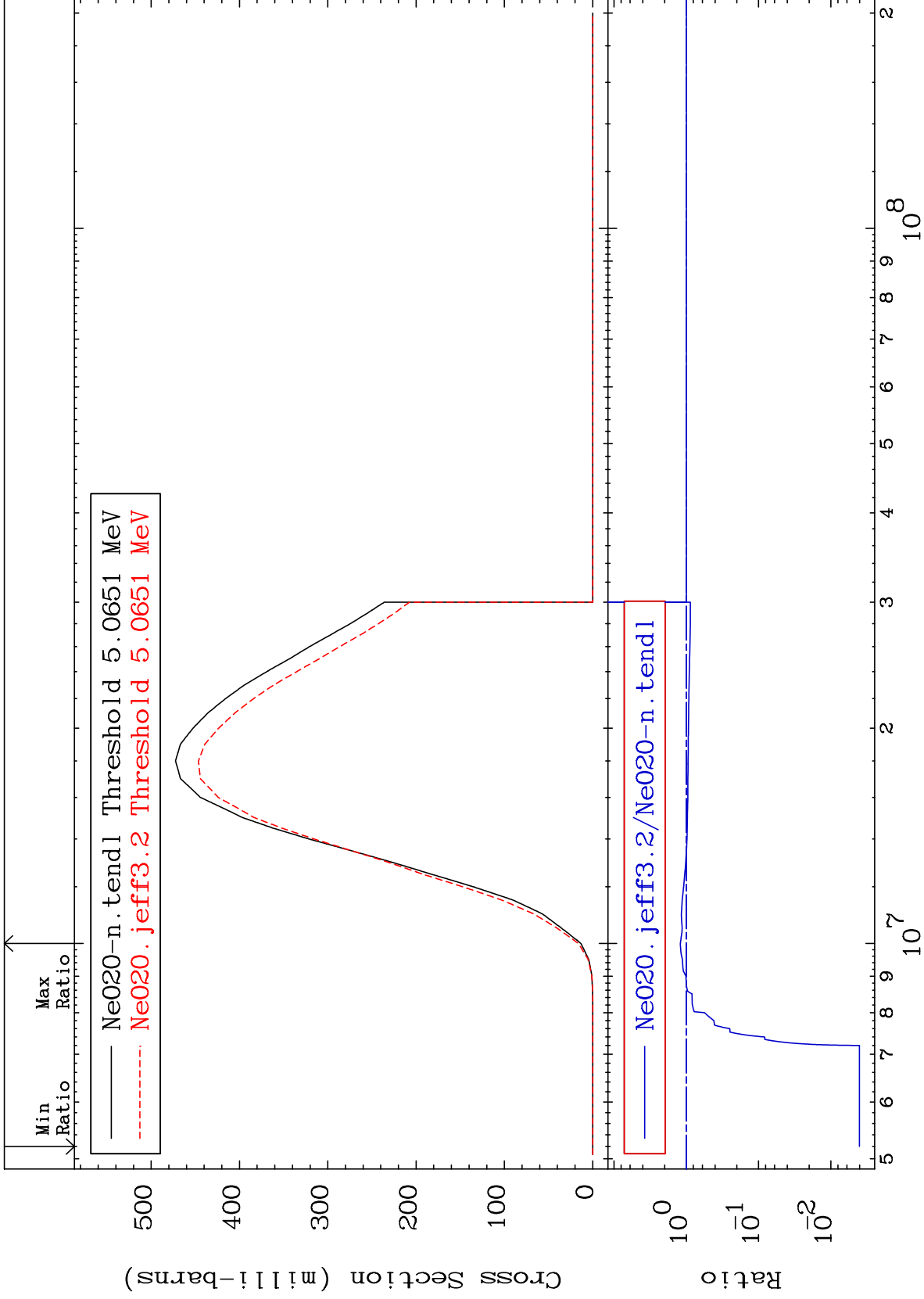
10-Ne-20
-45.32 To 0.157 %



MAT 1025

(n, n') α
Cross Section

10-Ne-20
-99.60 To 20.97 %



5

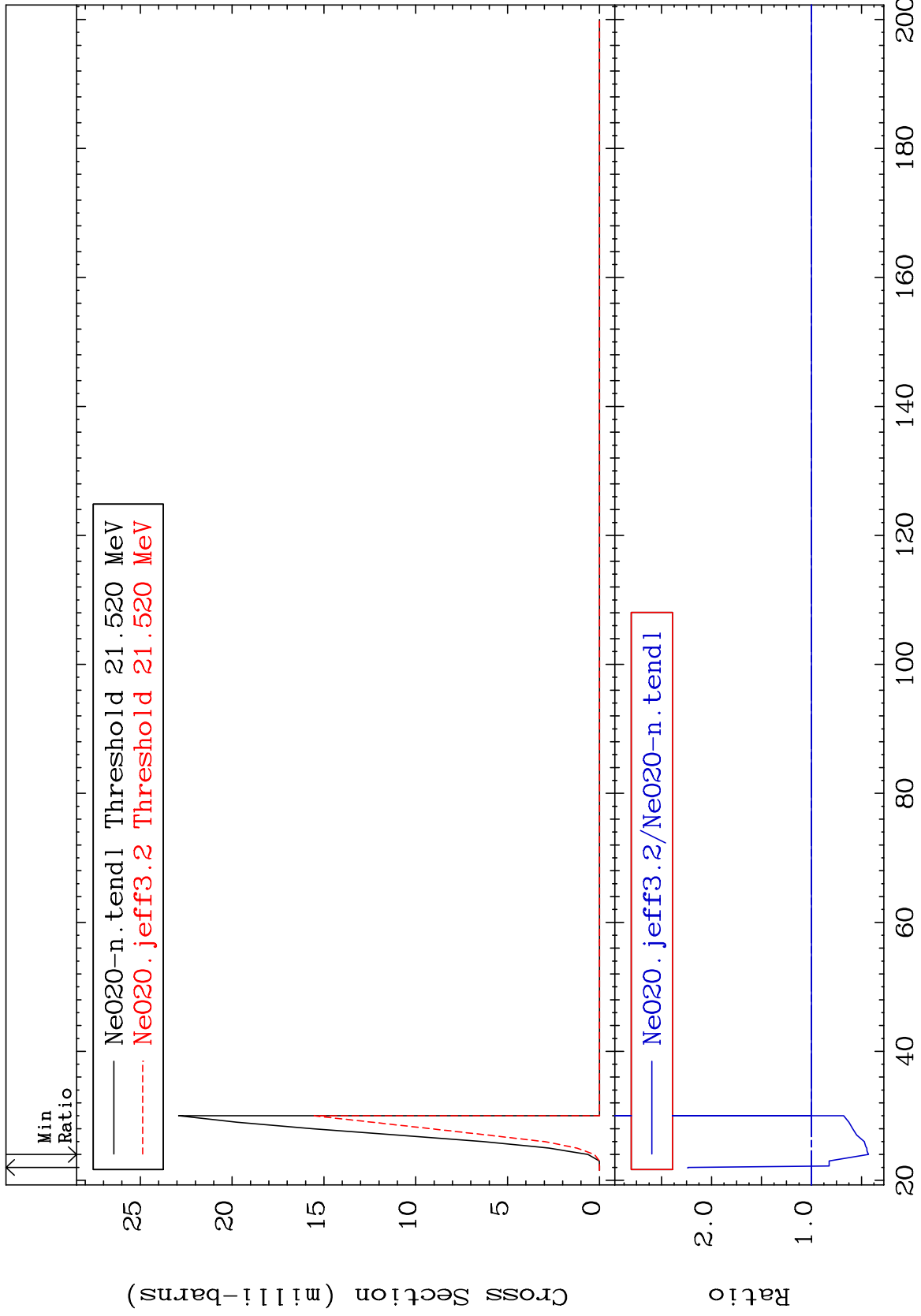
Incident Energy (eV)

10-Ne-20

MAT 1025

(n,2n) α
Cross Section

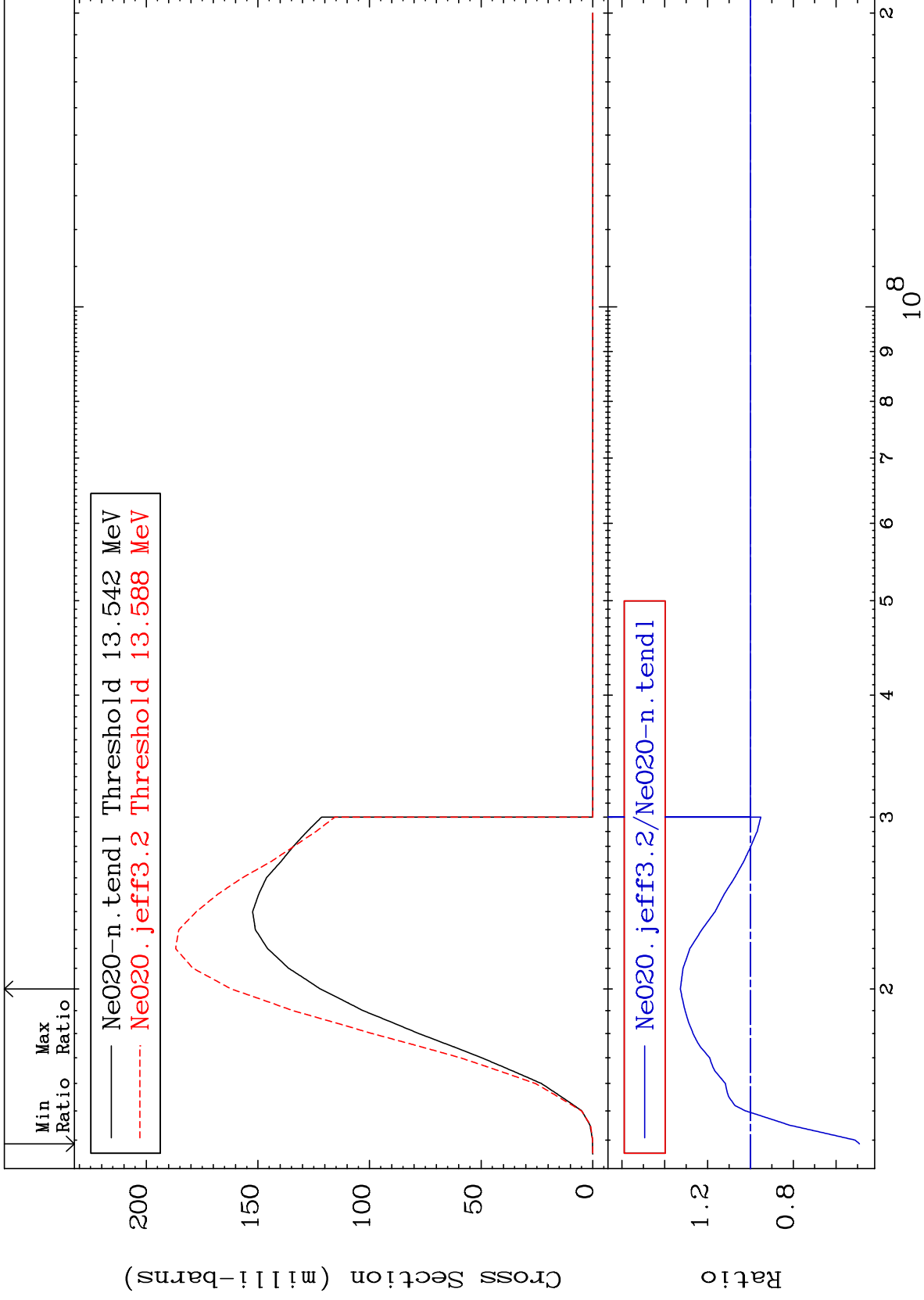
10-Ne-20
-57.00 To 123.7 %



MAT 1025

(n, n') p
Cross Section

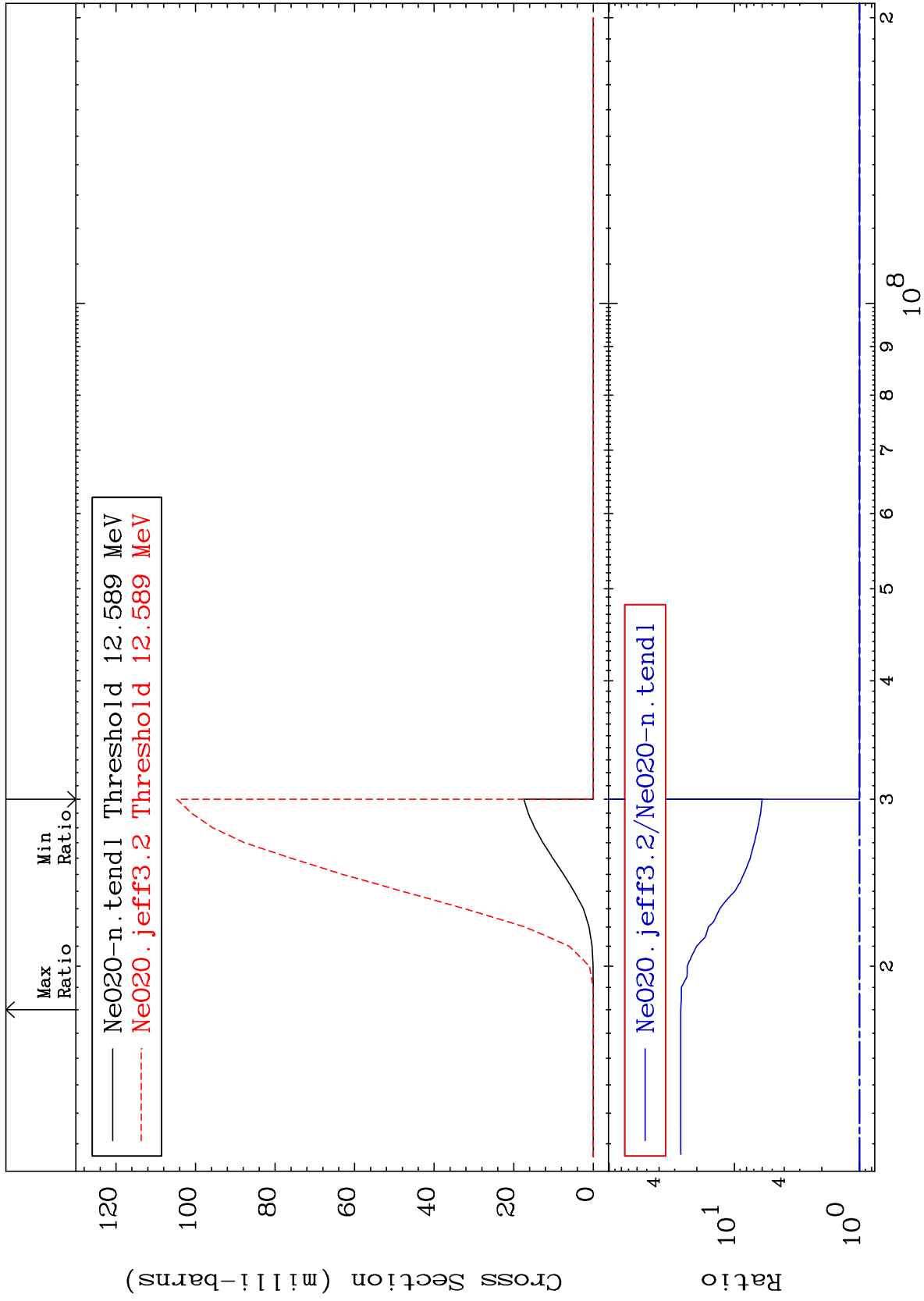
10-Ne-20
-50.91 To 32.72 %



MAT 1025

(n, n') 2α
Cross Section

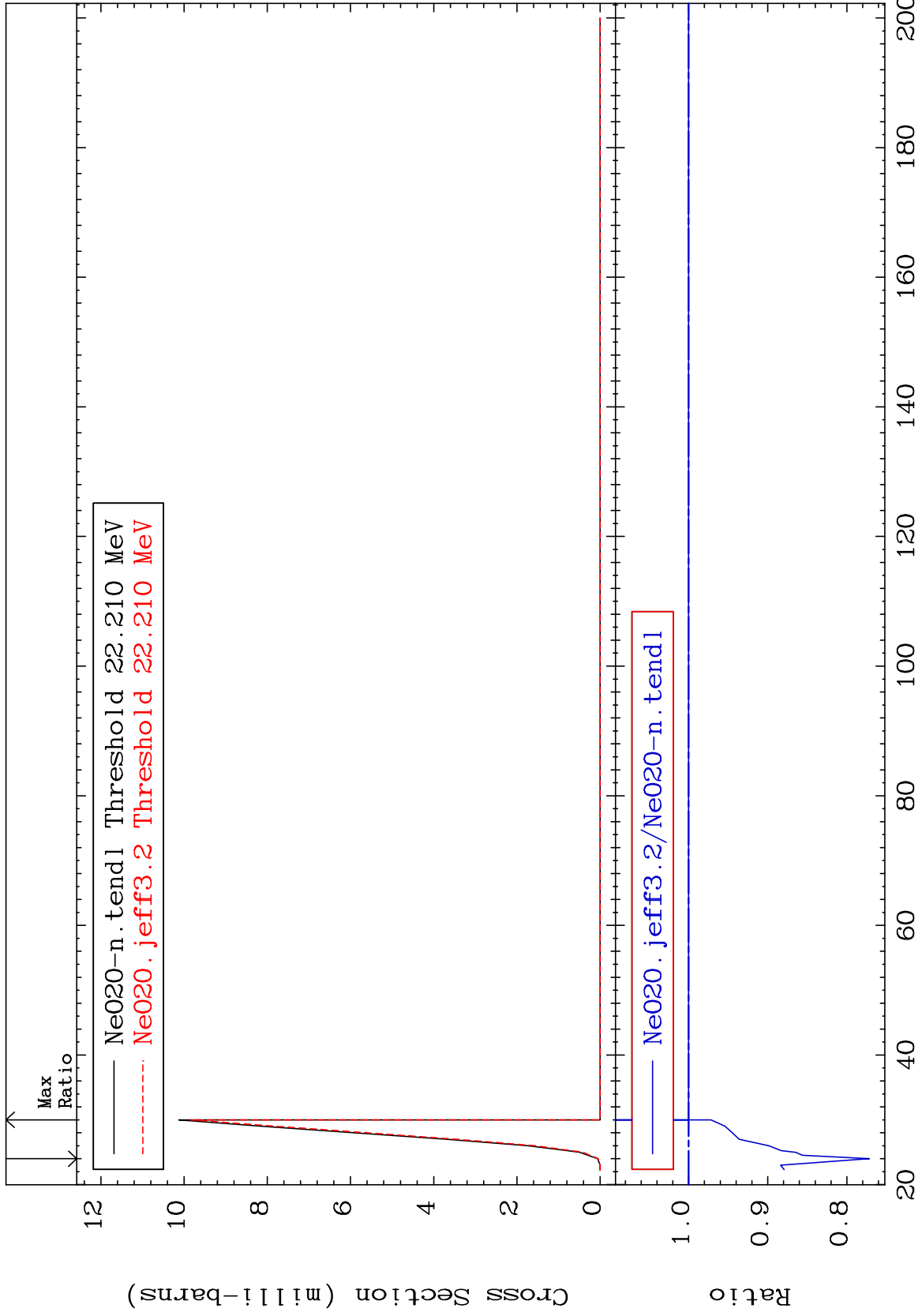
10-Ne-20
To 2579. %
0.000



MAT 1025

(n,n') d
Cross Section

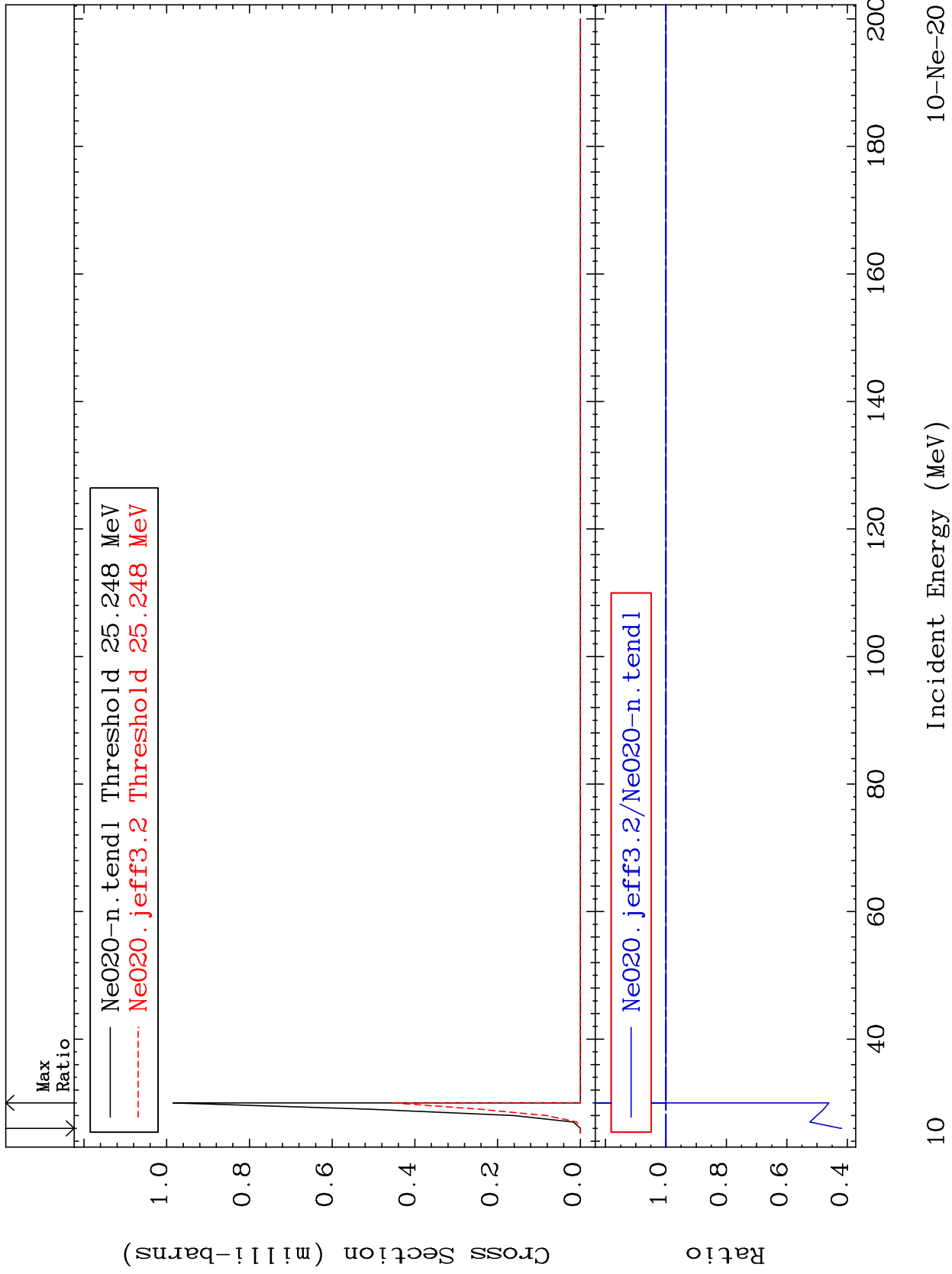
10-Ne-20
-22.85 To 0.000 %



MAT 1025

(n,n') t
Cross Section

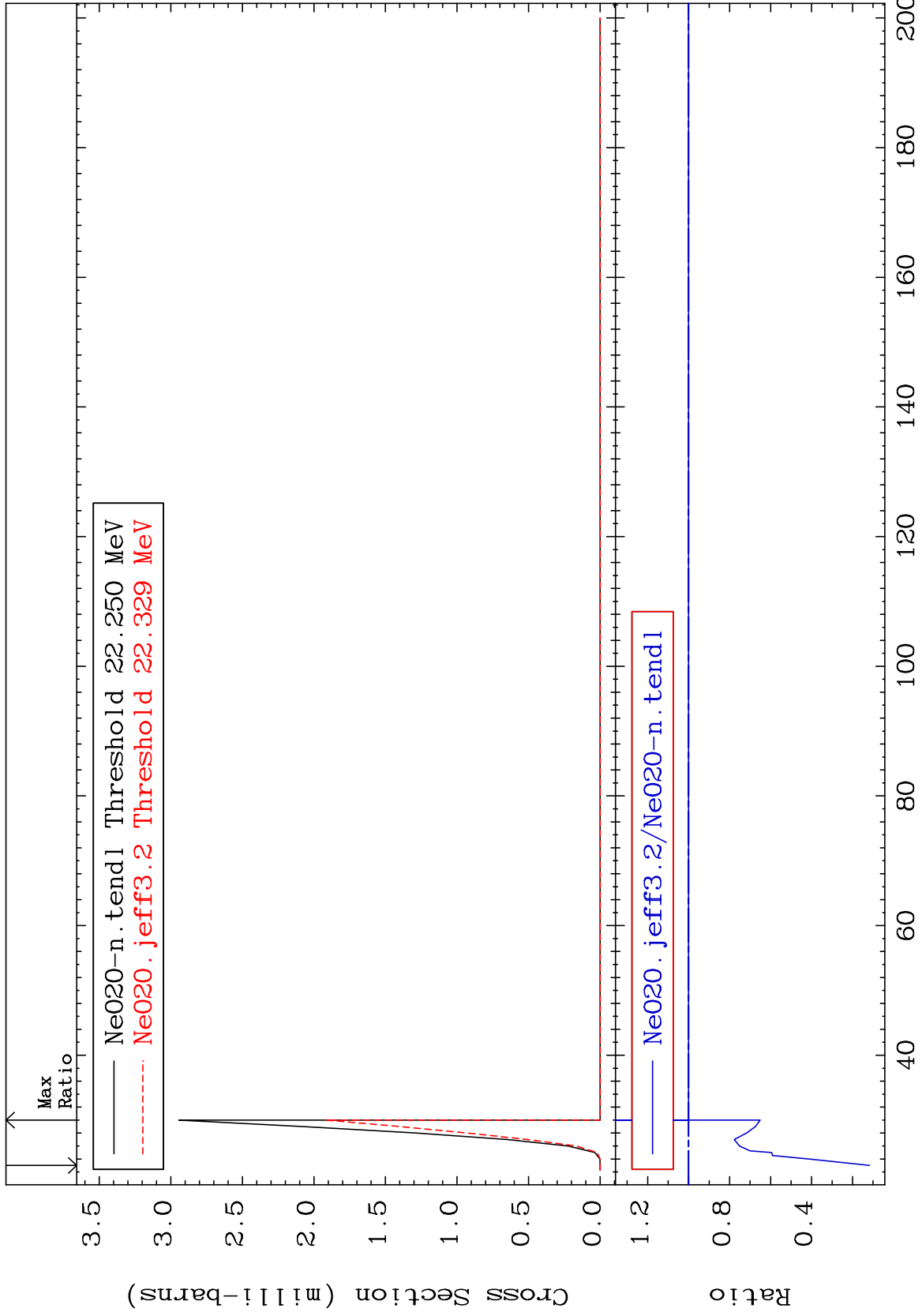
10-Ne-20
-57.87 To 0.000 %



MAT 1025

(n, n') He-3
Cross Section

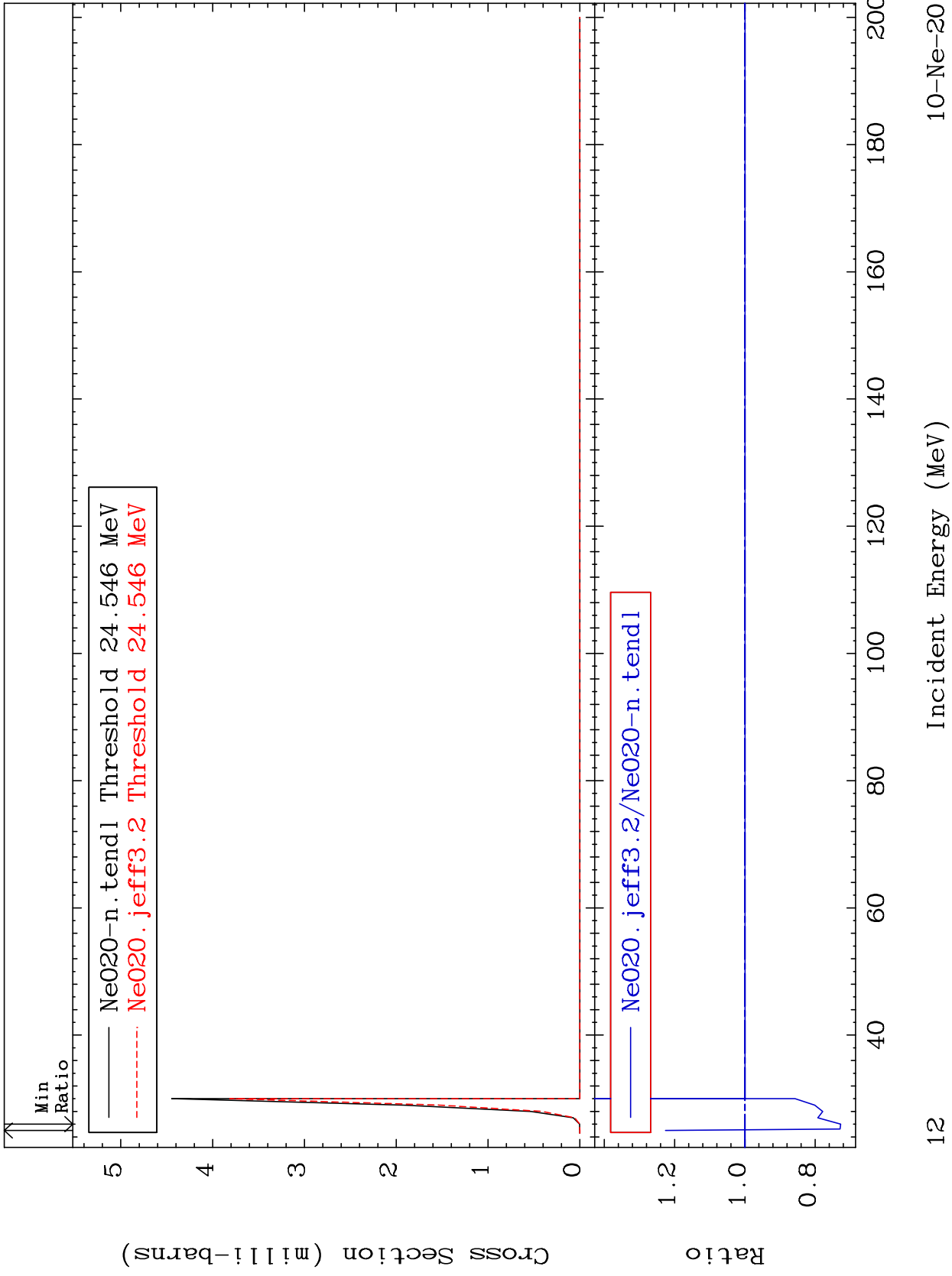
10-Ne-20
-88.22 To 0.000 %



MAT 1025

(n,2n) p
Cross Section

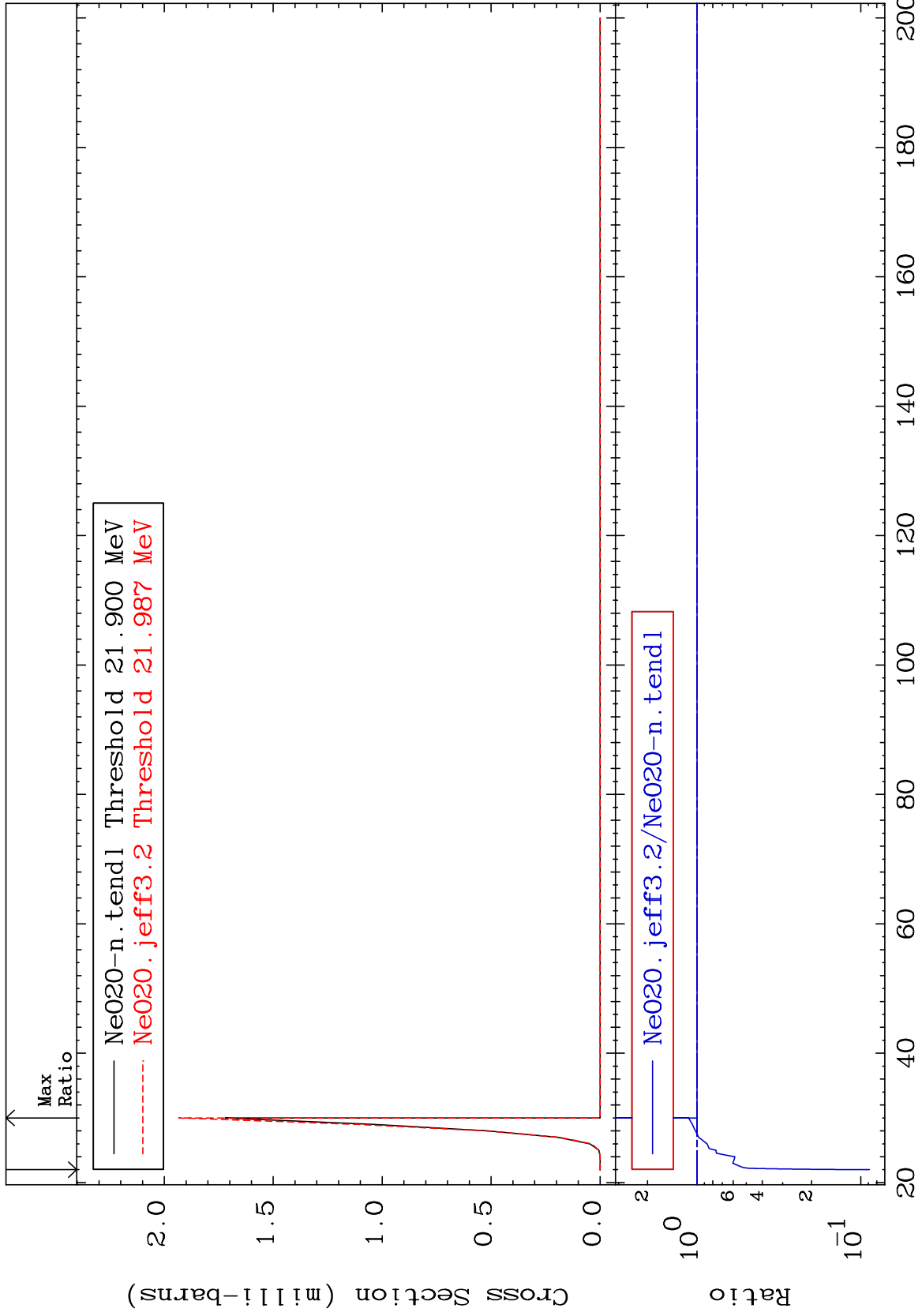
10-Ne-20
-27.24 To 22.59 %



MAT 1025

(n,2n) p
Cross Section

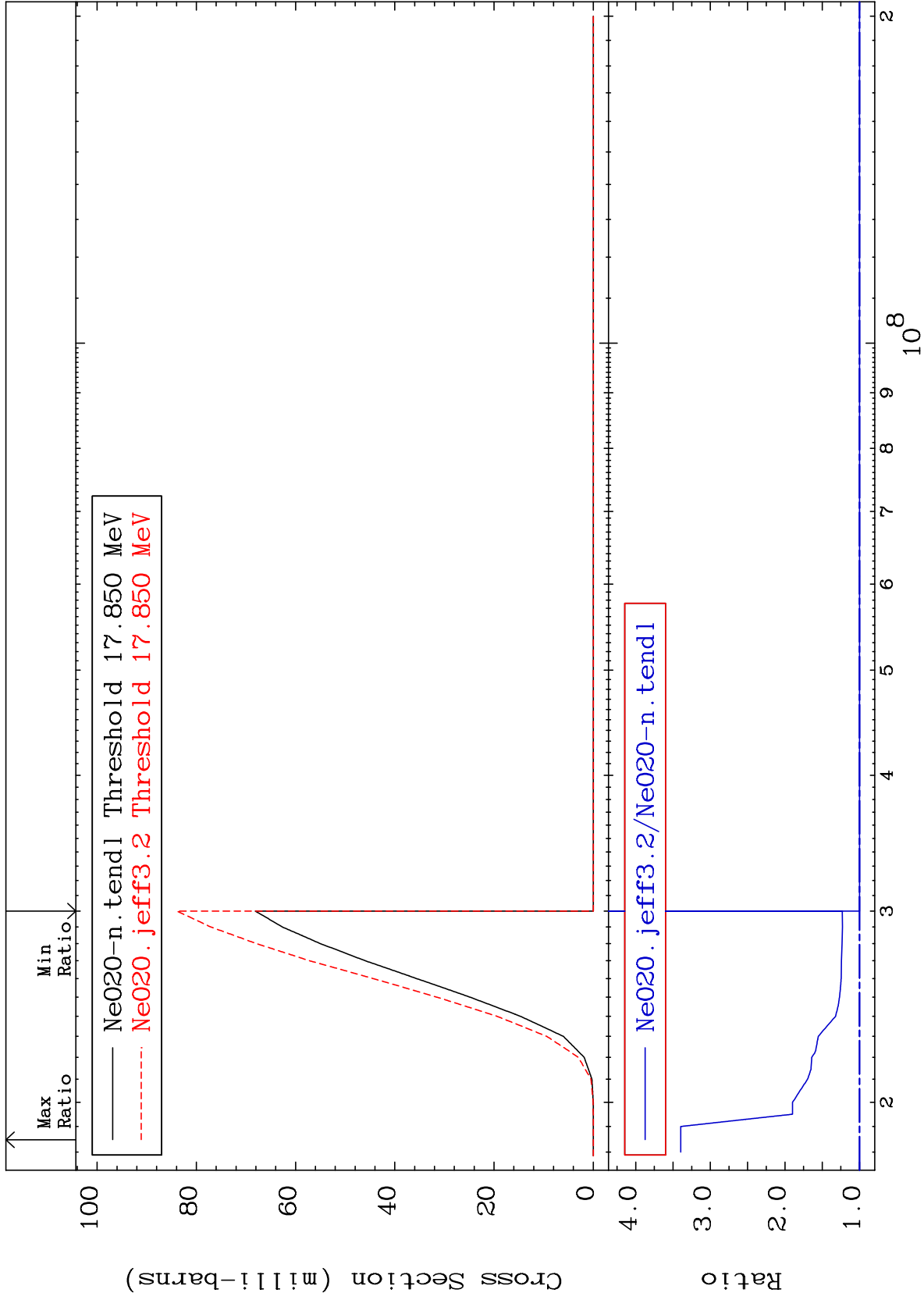
10-Ne-20
-91.13 To 12.35 %



MAT 1025

(n,n') p α
Cross Section

10-Ne-20
To 239.6 %
0.000



MAT 1025

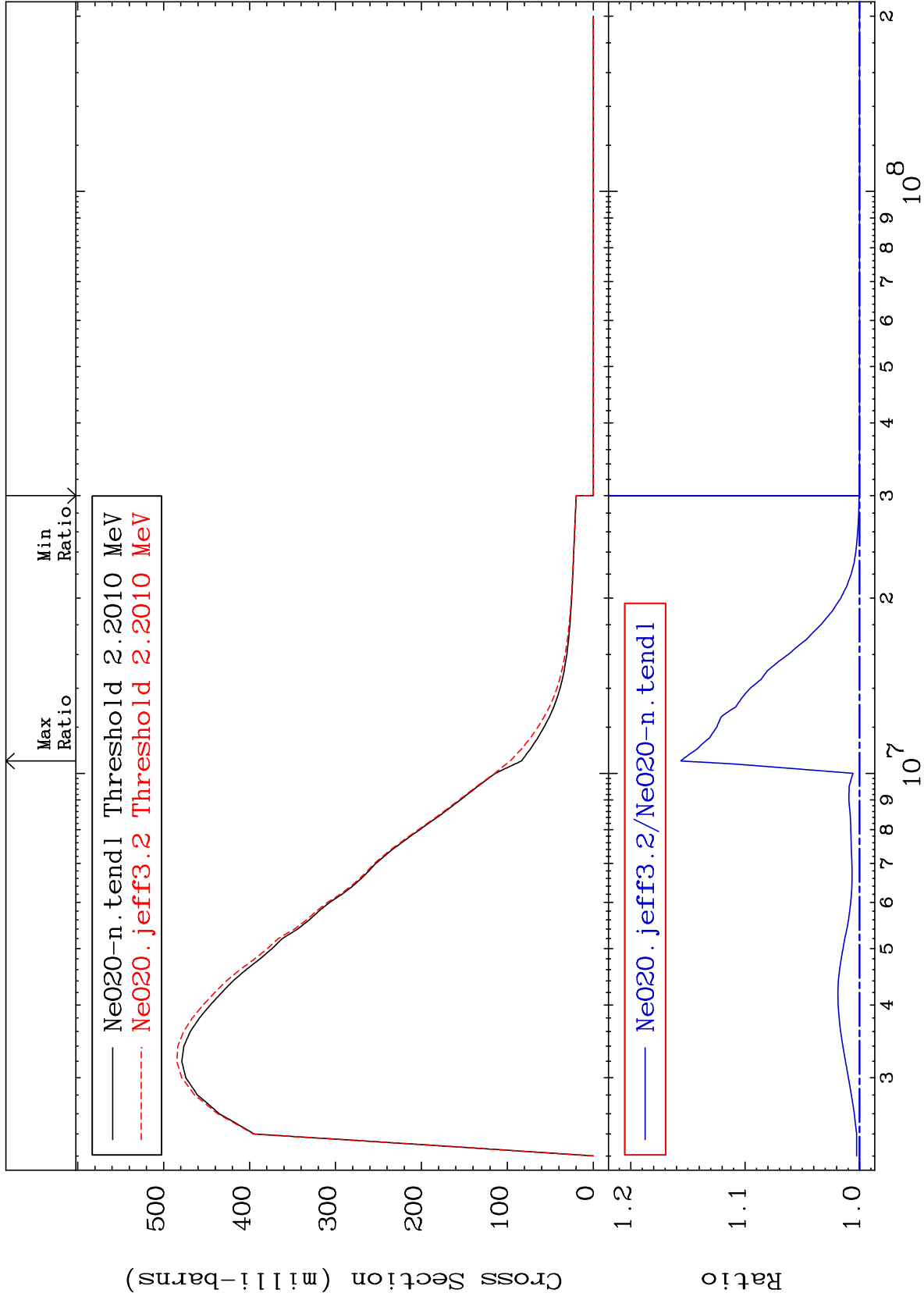
1.634 MeV (n,n') Level

10-Ne-20

Cross Section

Cross Section

0.000 To 15.62 %



15

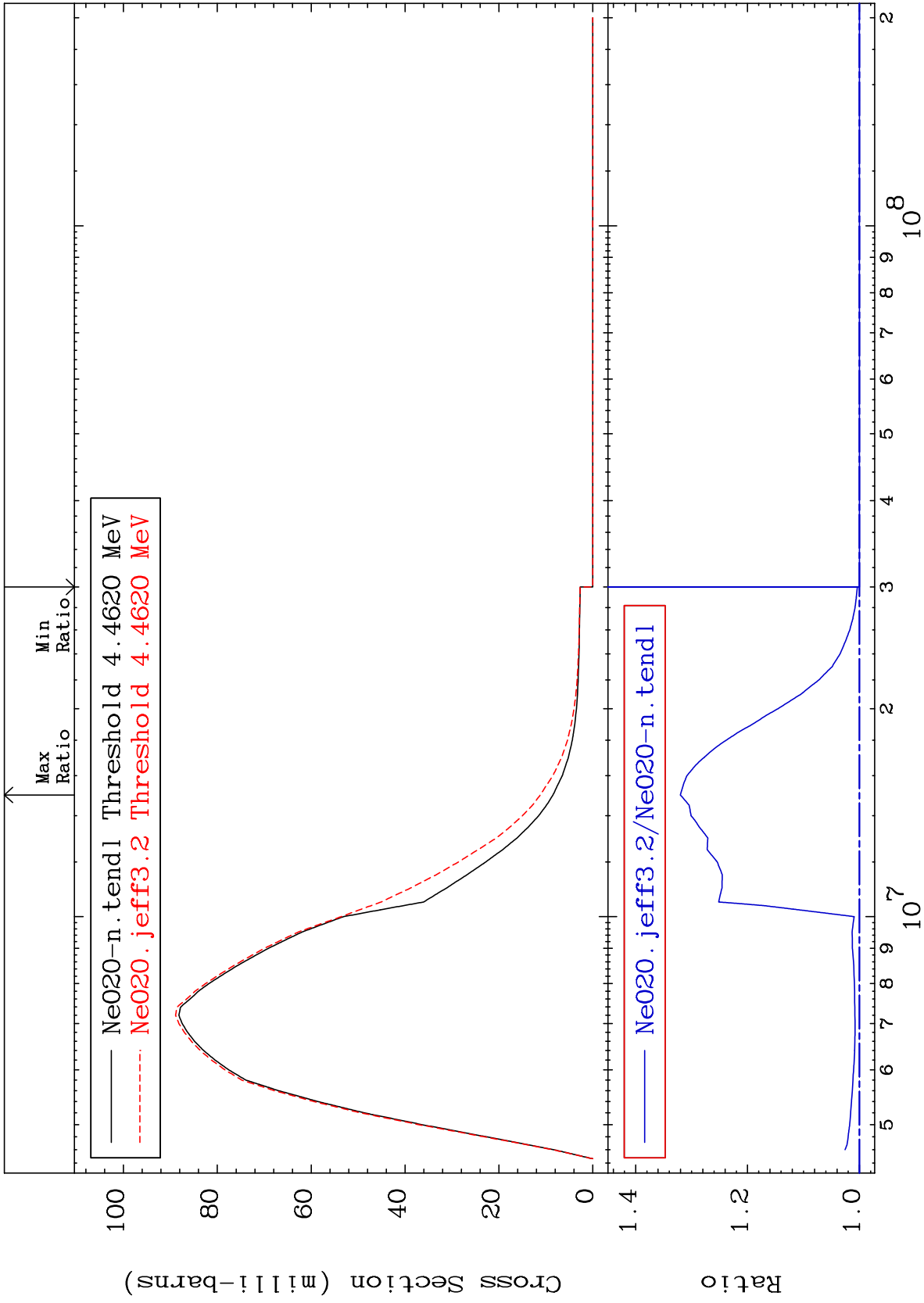
Incident Energy (eV)

10-Ne-20

MAT 1025

4.248 MeV (n,n') Level
Cross Section

0.000 To 32.01 %
10-Ne-20



16

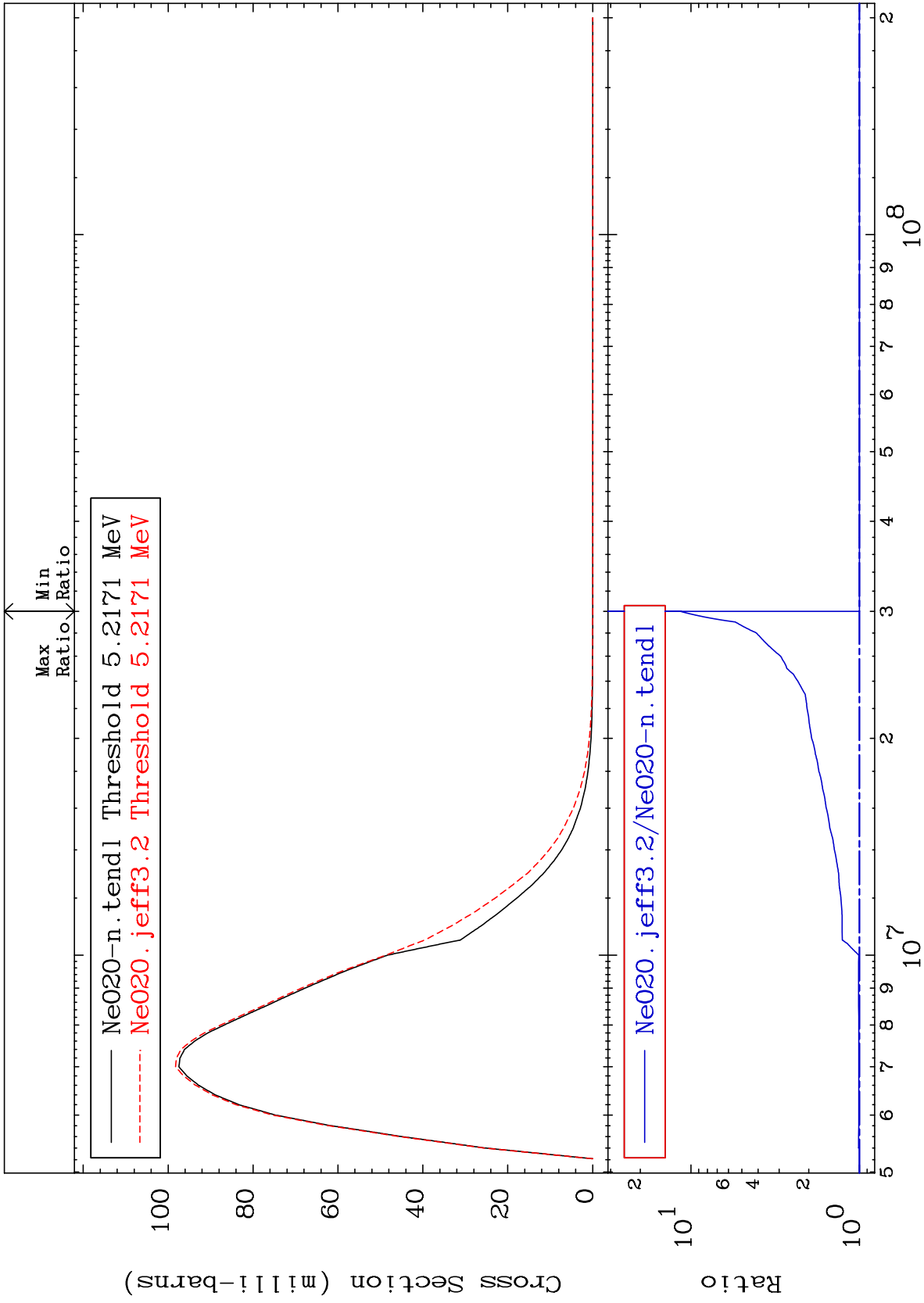
Incident Energy (eV)

10-Ne-20

MAT 1025

4.967 MeV (n,n') Level
Cross Section

0.000 To 1057. %
10-Ne-20

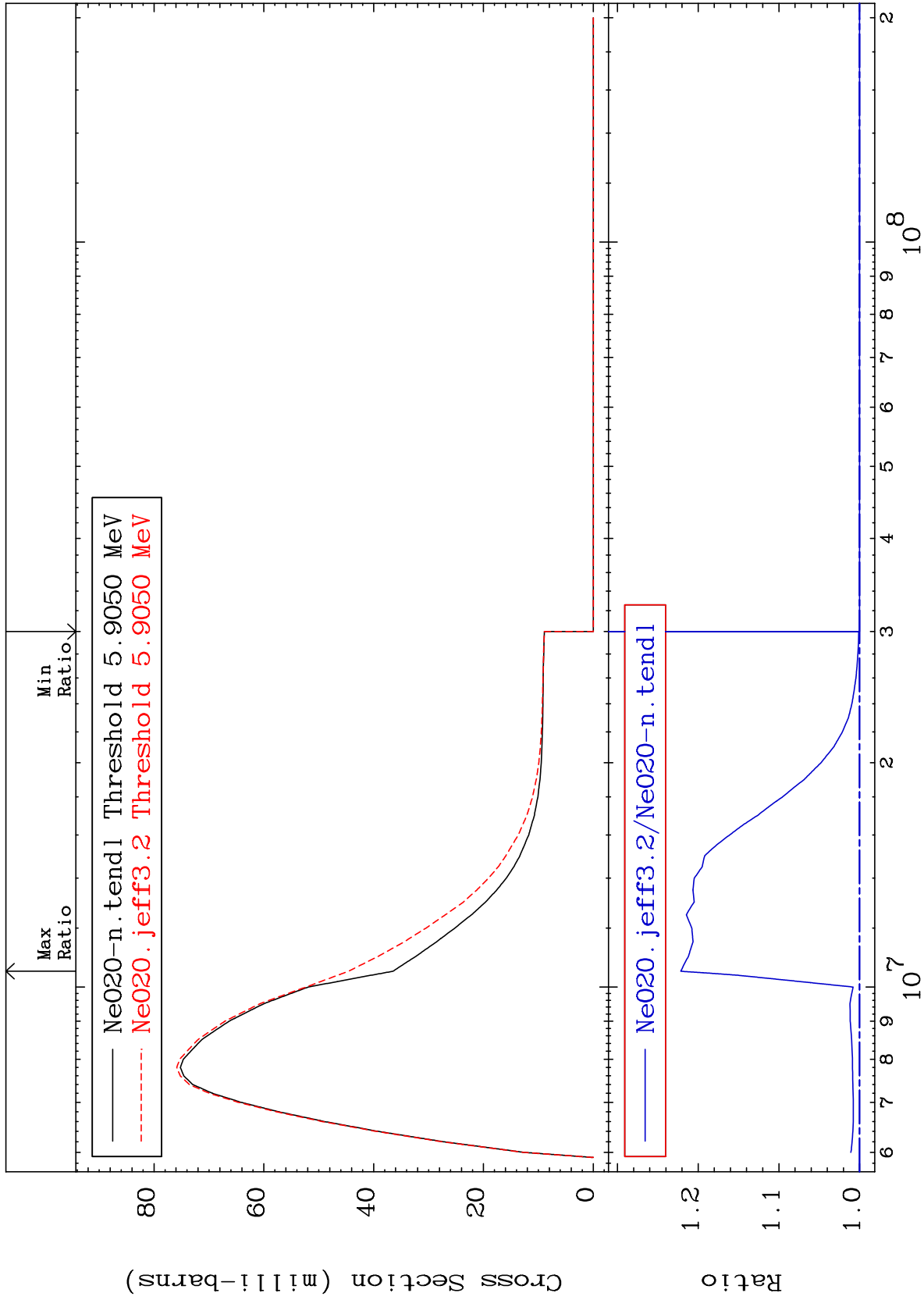


MAT 1025

5.621 MeV (n,n') Level

10-Ne-20

Cross Section To 22.16 %



18

Incident Energy (eV)

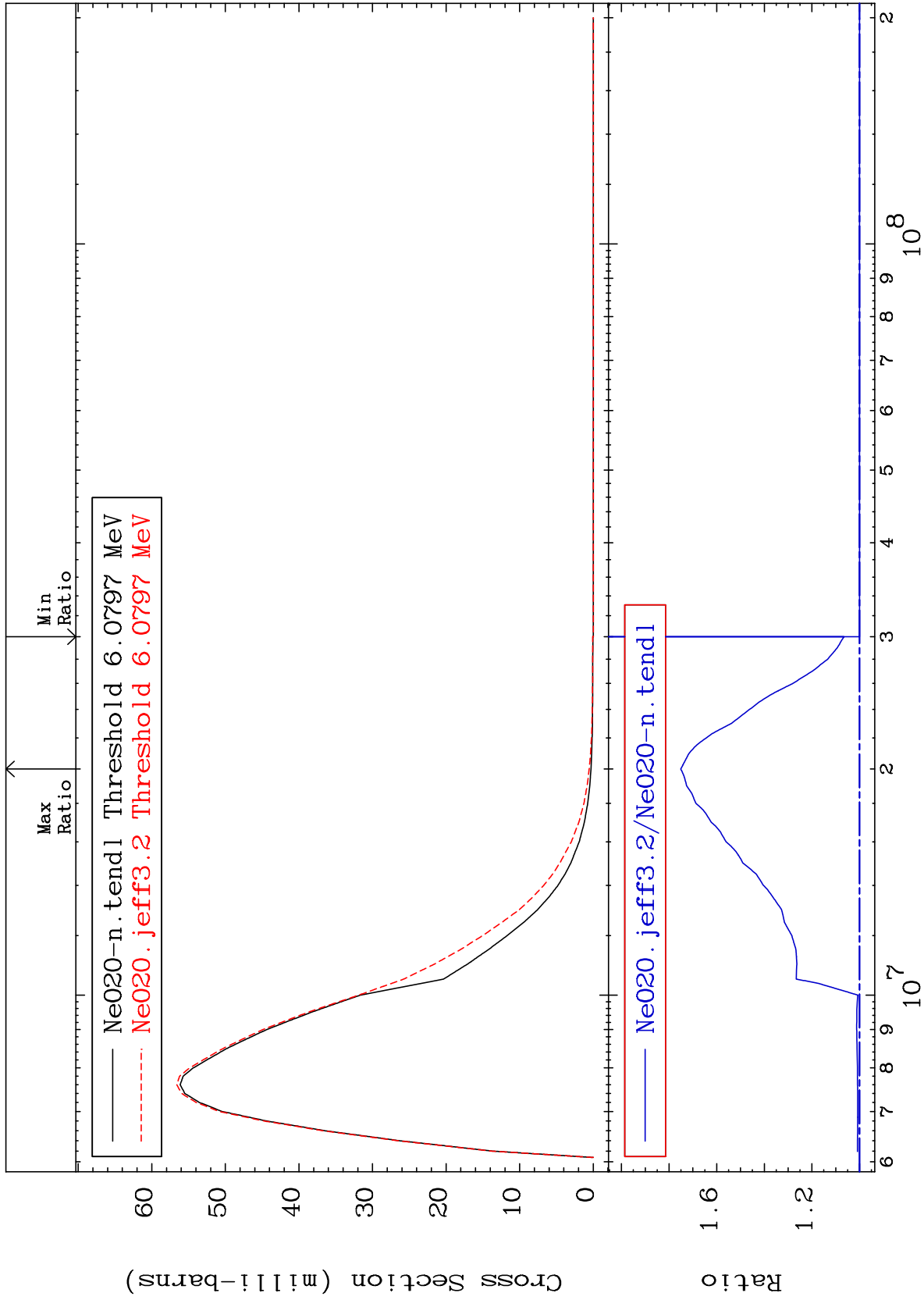
10-Ne-20

MAT 1025

5.788 MeV (n,n') Level

10-Ne-20

0.000 To 75.09 %



19

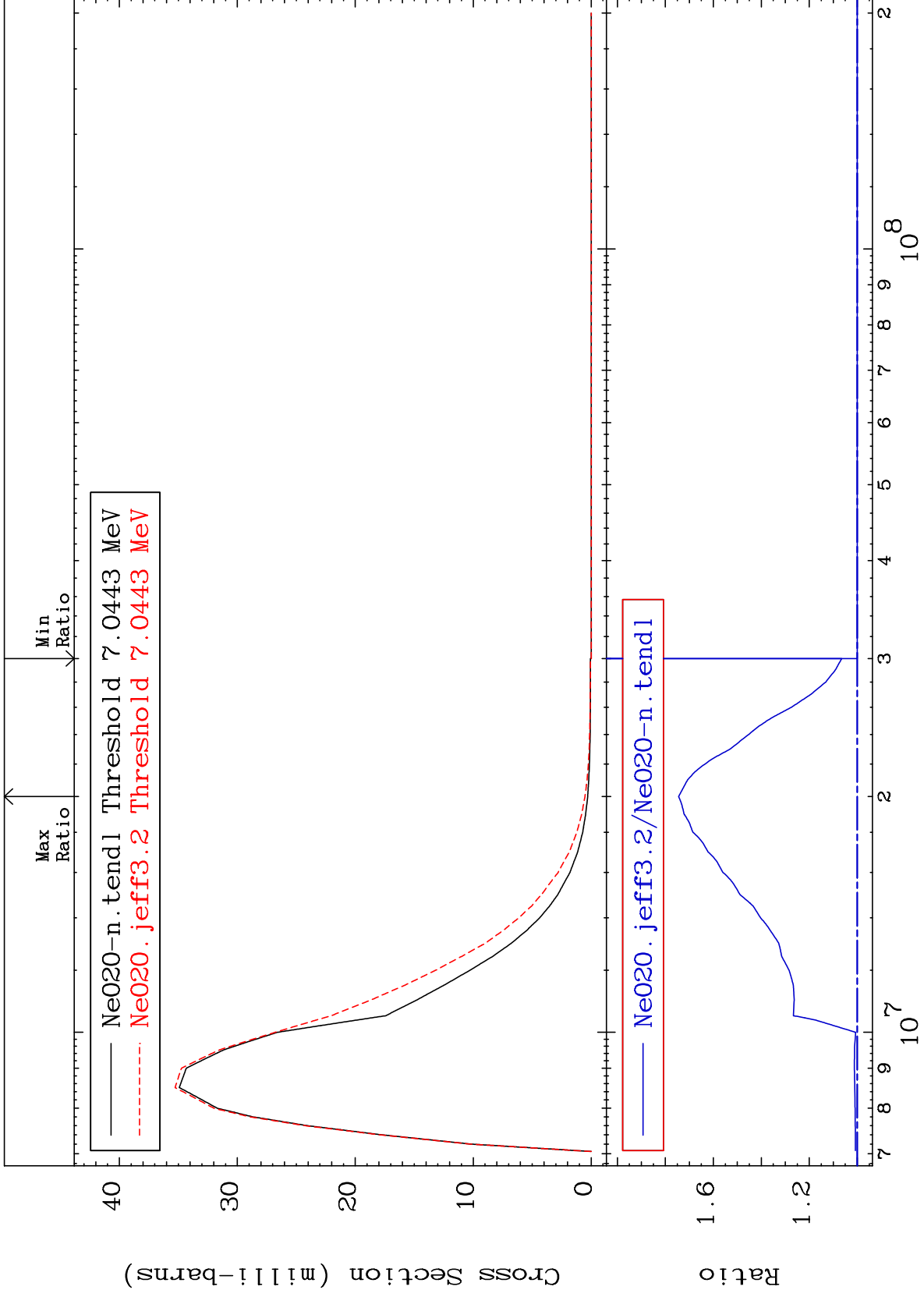
Incident Energy (eV)

10-Ne-20

MAT 1025

6.706 MeV (n,n') Level
Cross Section

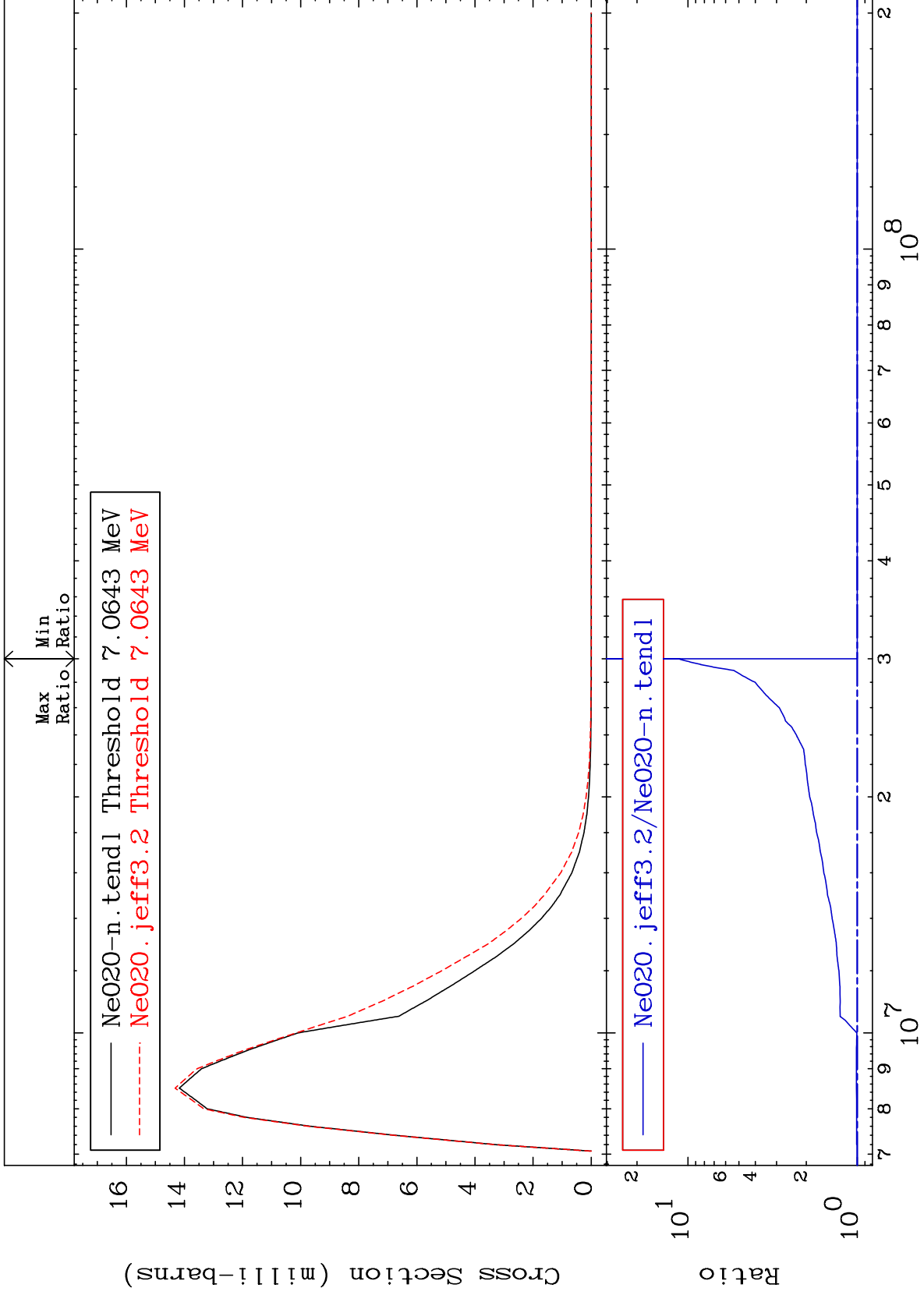
0.000 To 74.46 %
10-Ne-20



MAT 1025

6.725 MeV (n,n') Level
Cross Section

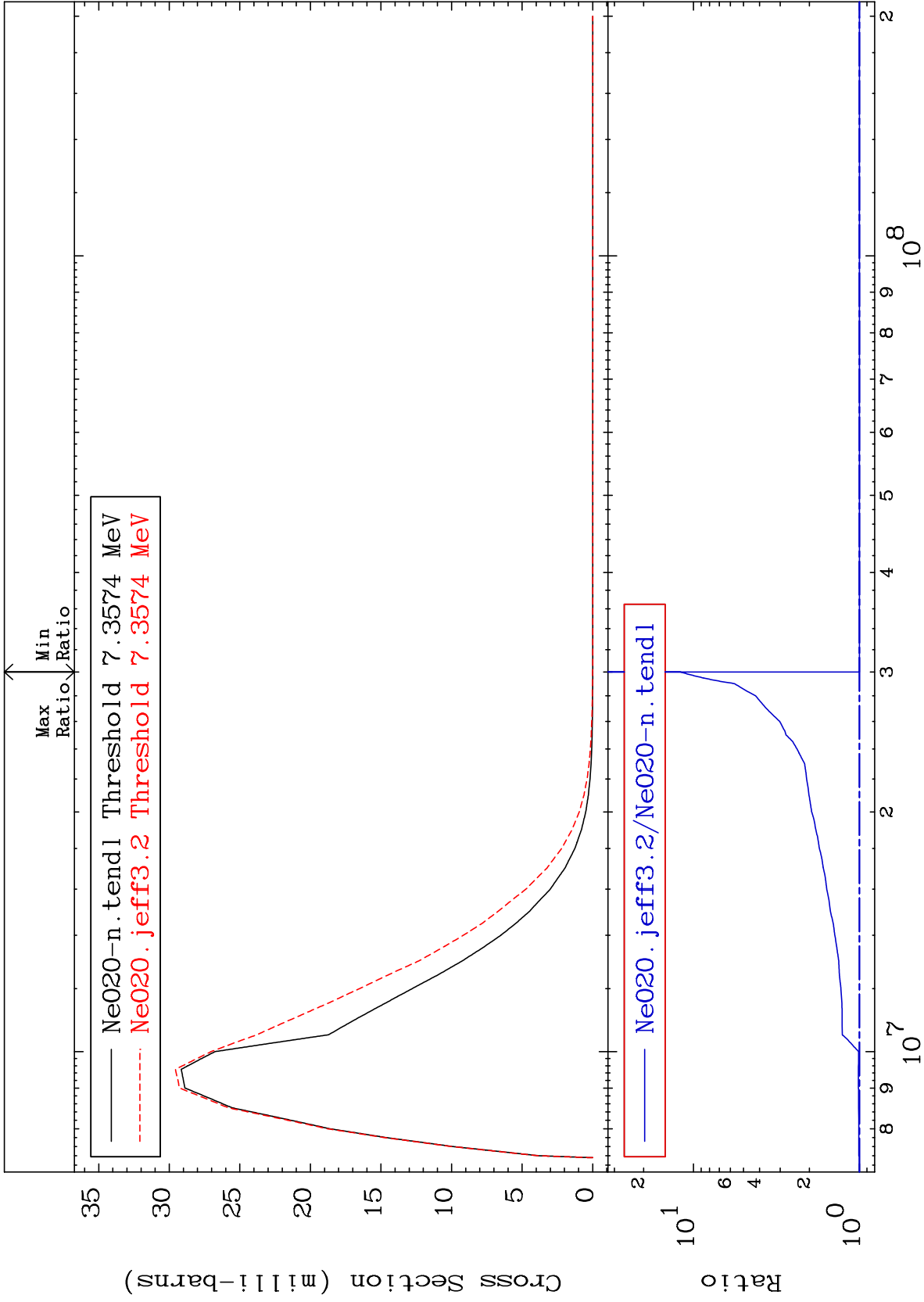
0.000 To 1036. %
10-Ne-20



MAT 1025

7.004 MeV (n,n') Level

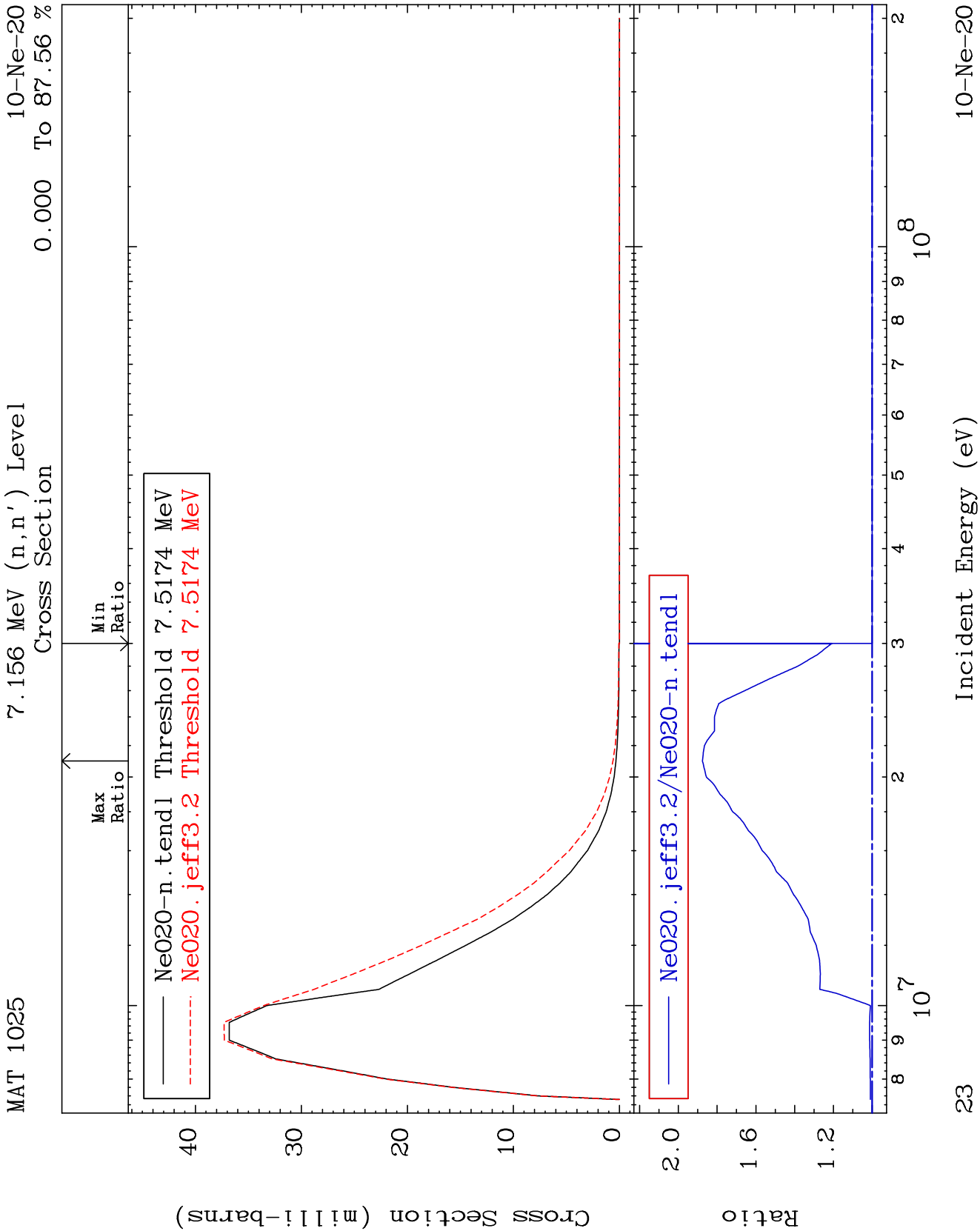
Cross Section
0.000 To 1100. %



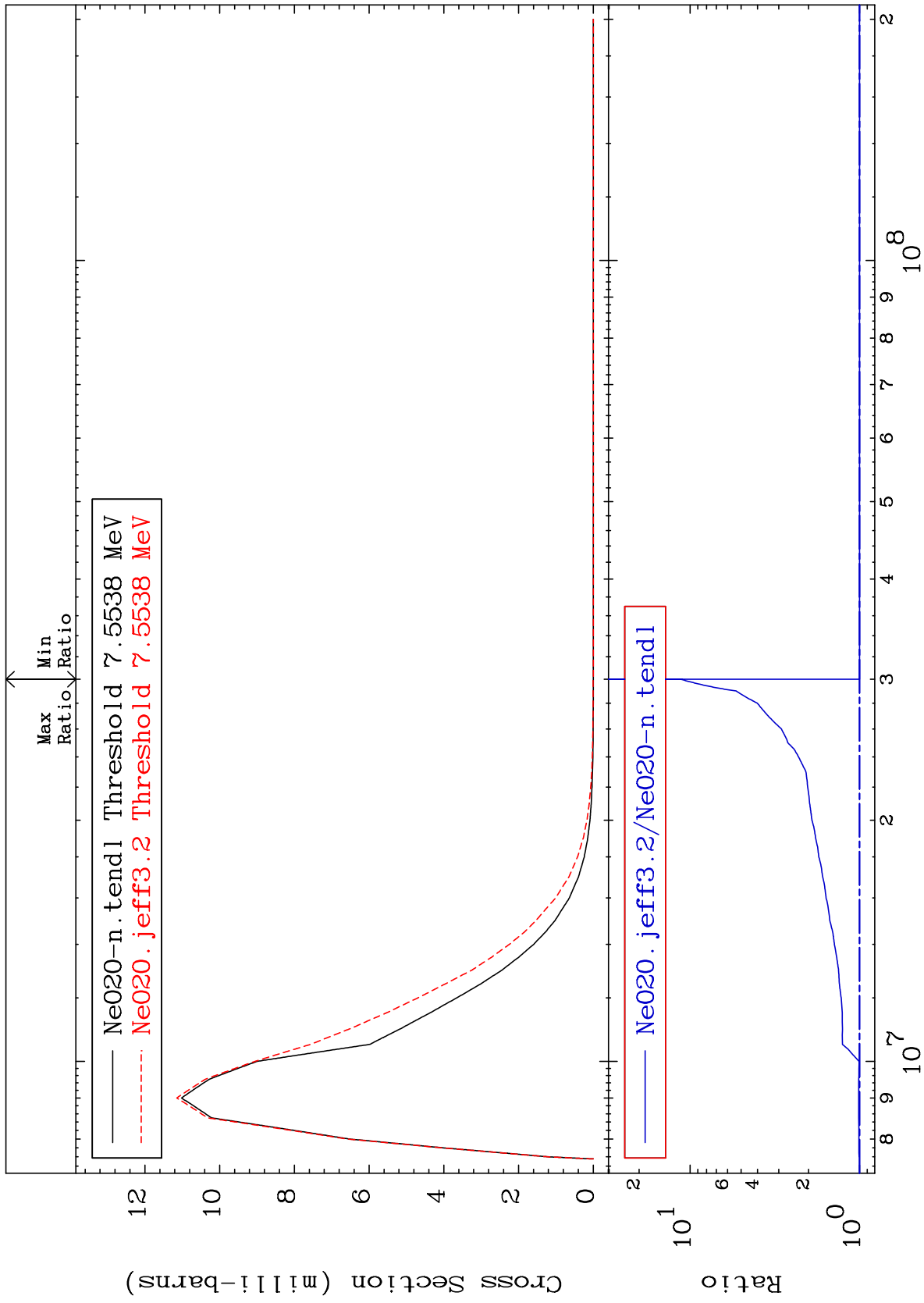
22

Incident Energy (eV)

10-Ne-20



MAT 1025 7.191 MeV (n,n') Level Cross Section 10-Ne-20 To 1034. %

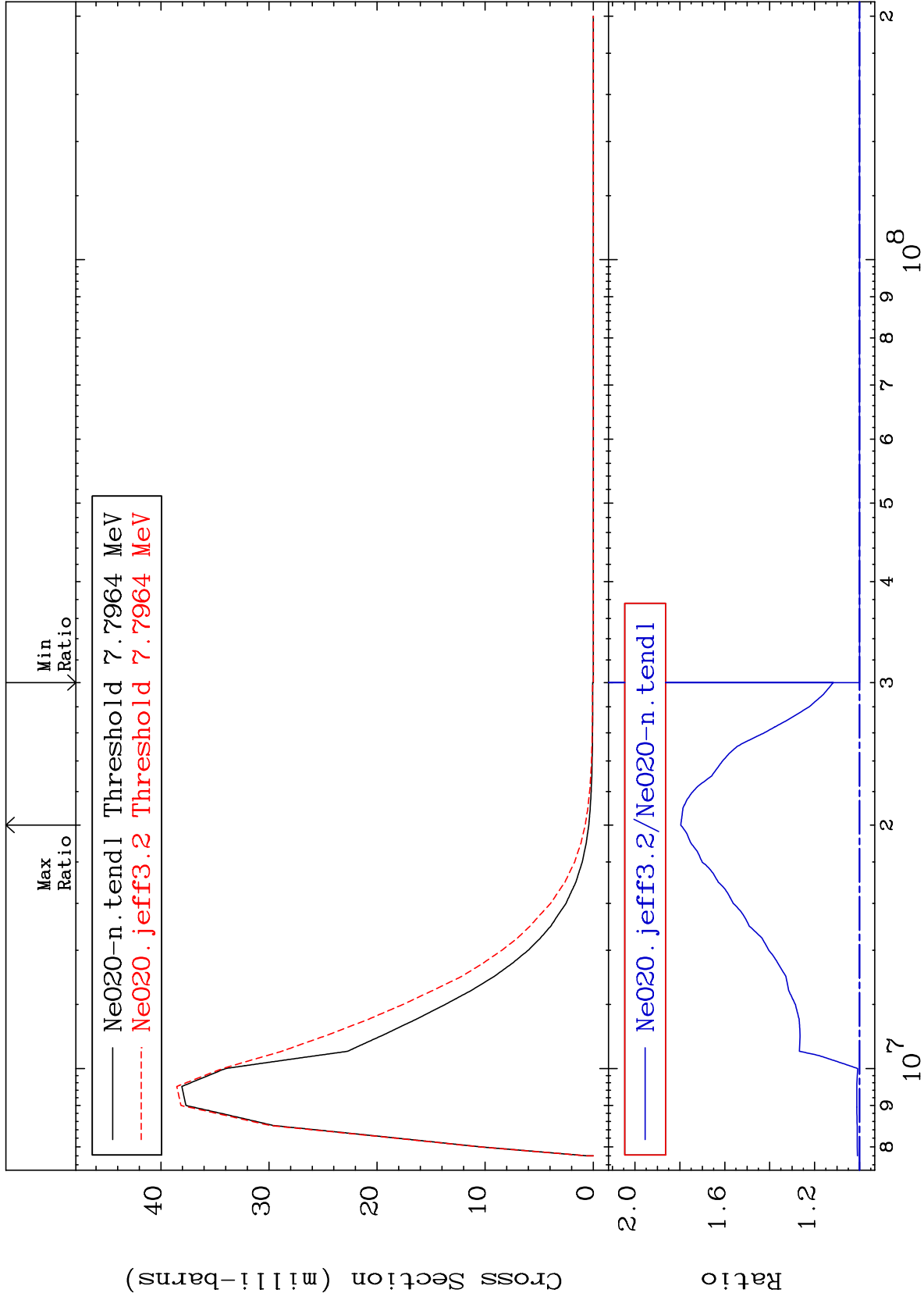


MAT 1025

7.422 MeV (n,n') Level

10-Ne-20

Cross Section To 79.58 %



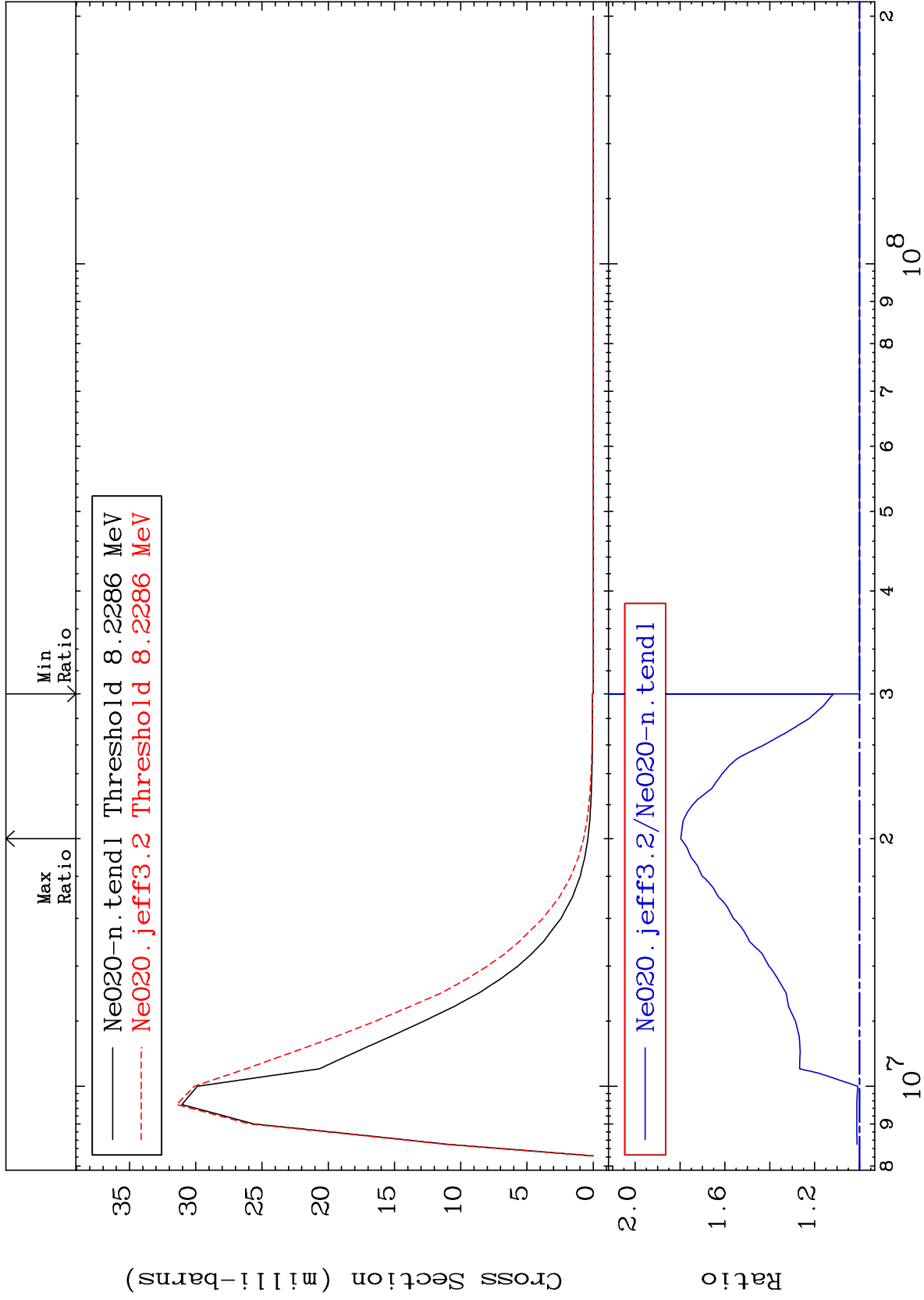
25

MAT 1025

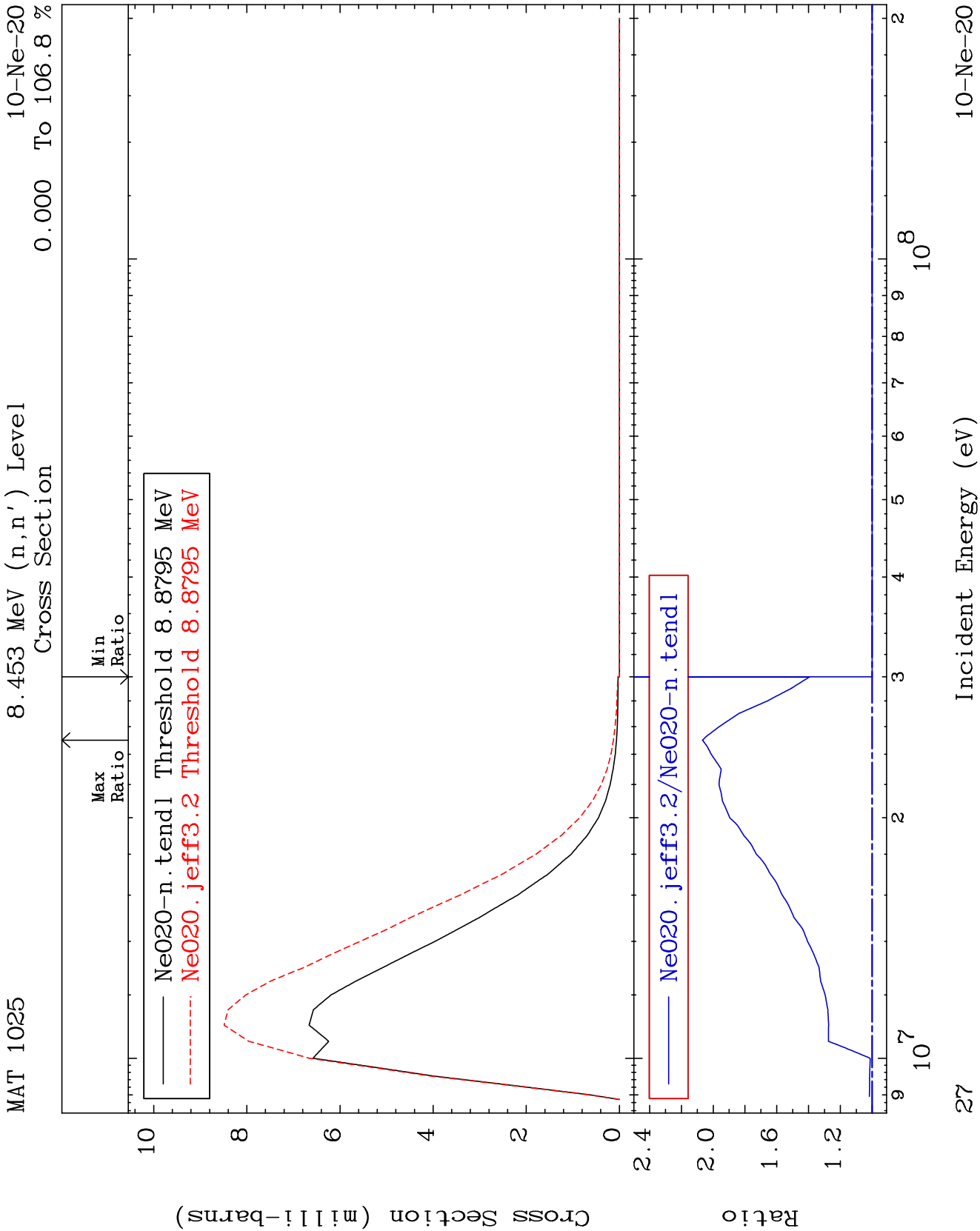
7.833 MeV (n,n') Level

10-Ne-20

Cross Section To 79.67 %



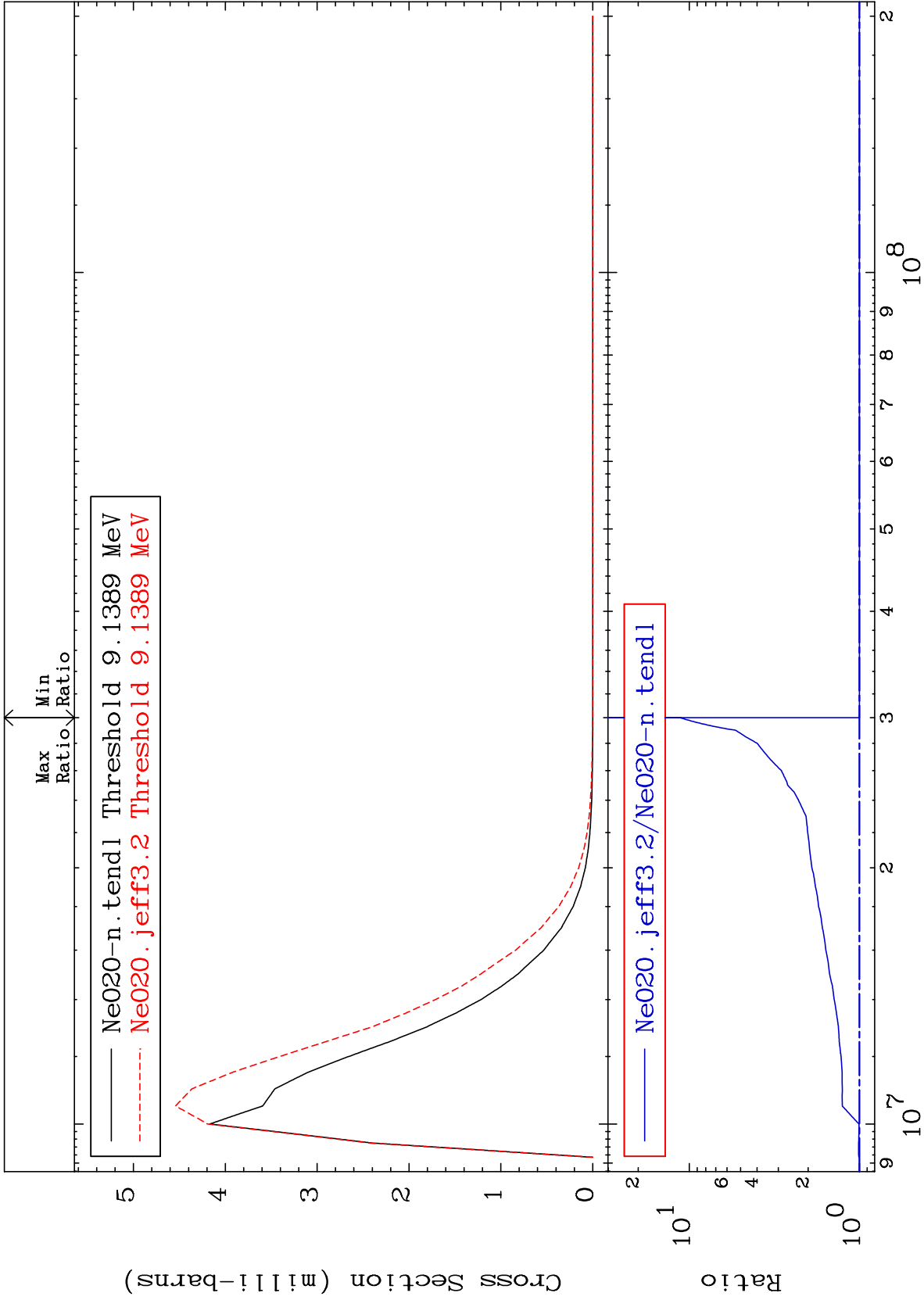
26



MAT 1025

8.700 MeV (n,n') Level
Cross Section

0.000 To 1030. %
10-Ne-20



28

Incident Energy (eV)

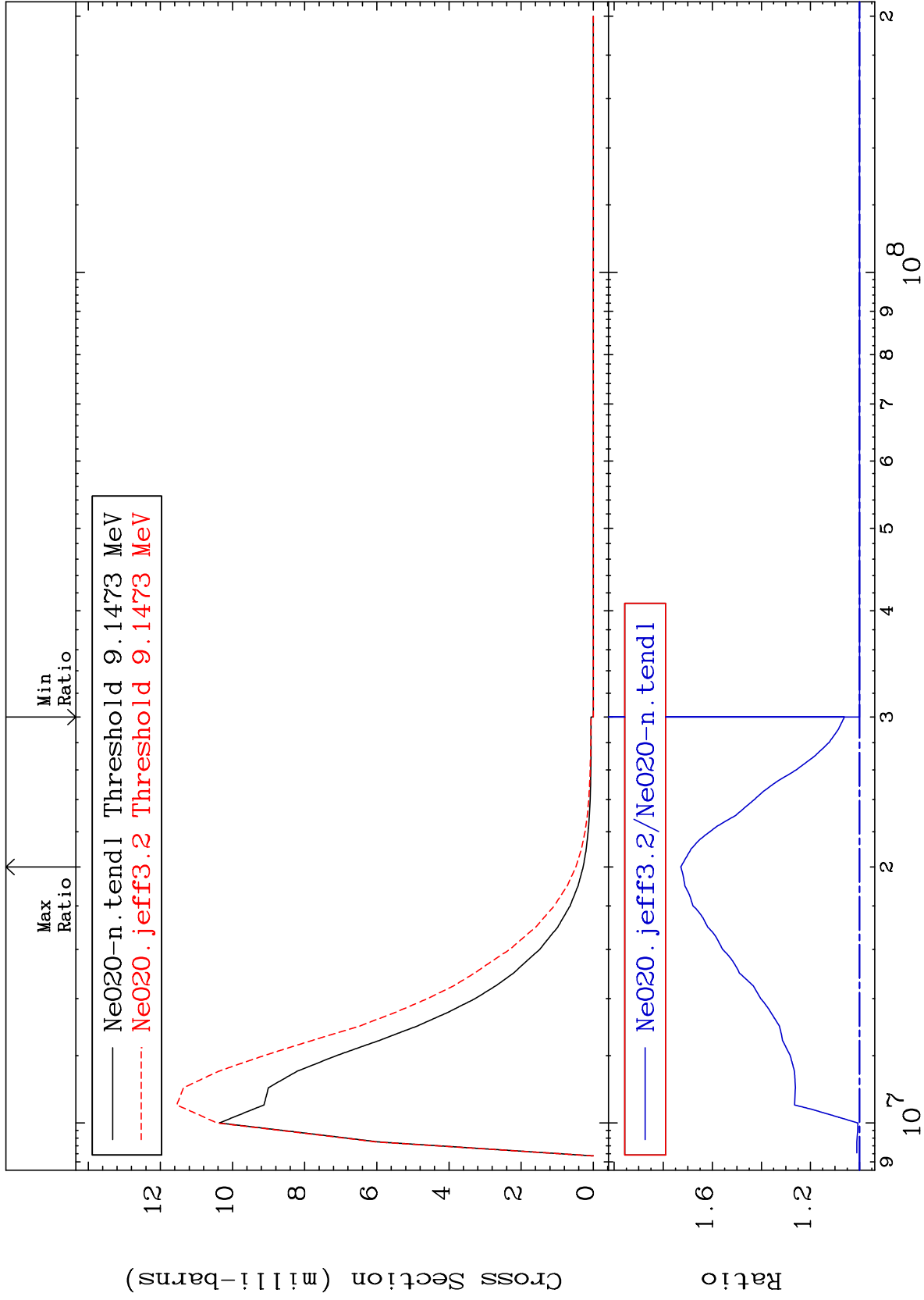
10-Ne-20

MAT 1025

8.708 MeV (n,n') Level

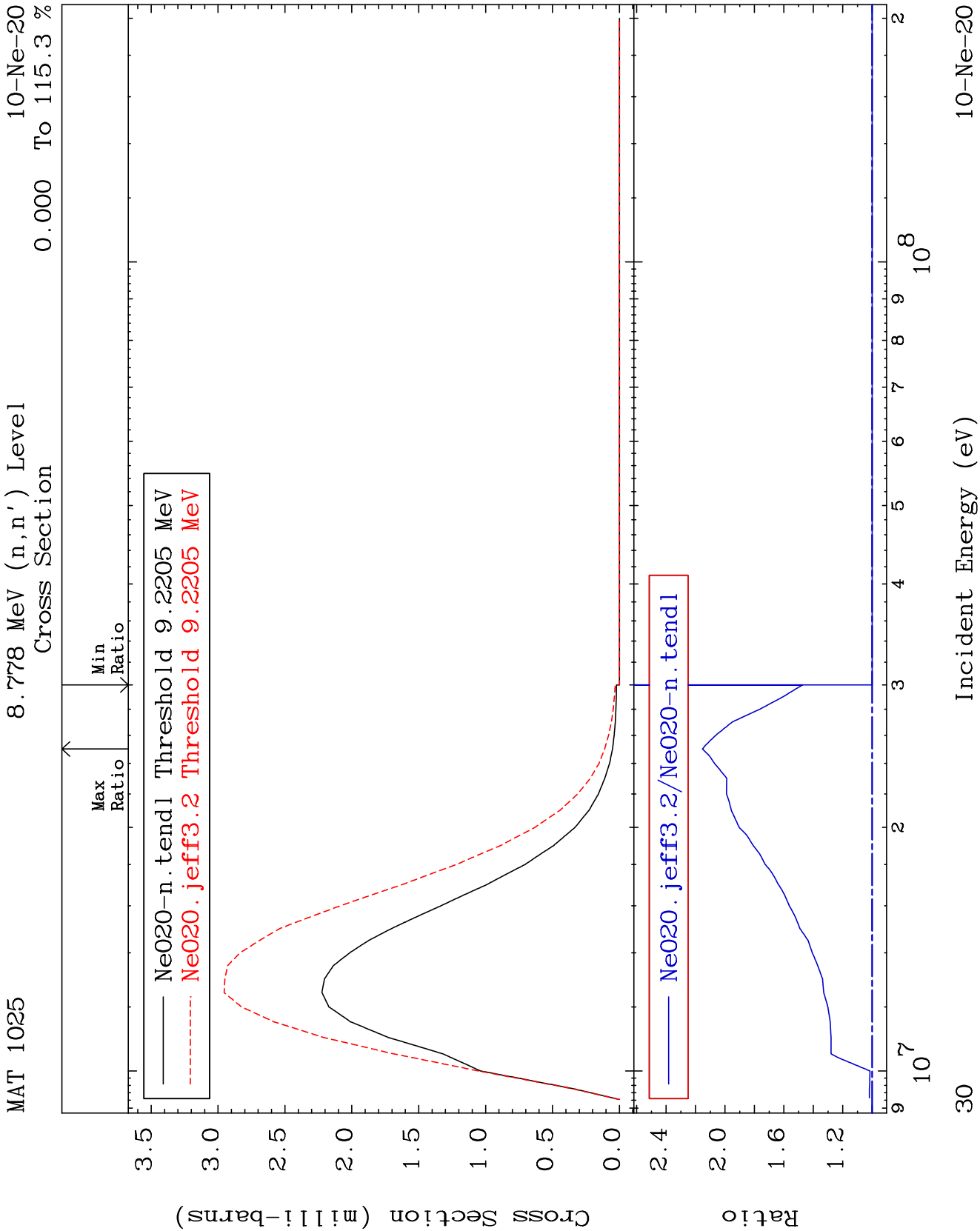
10-Ne-20

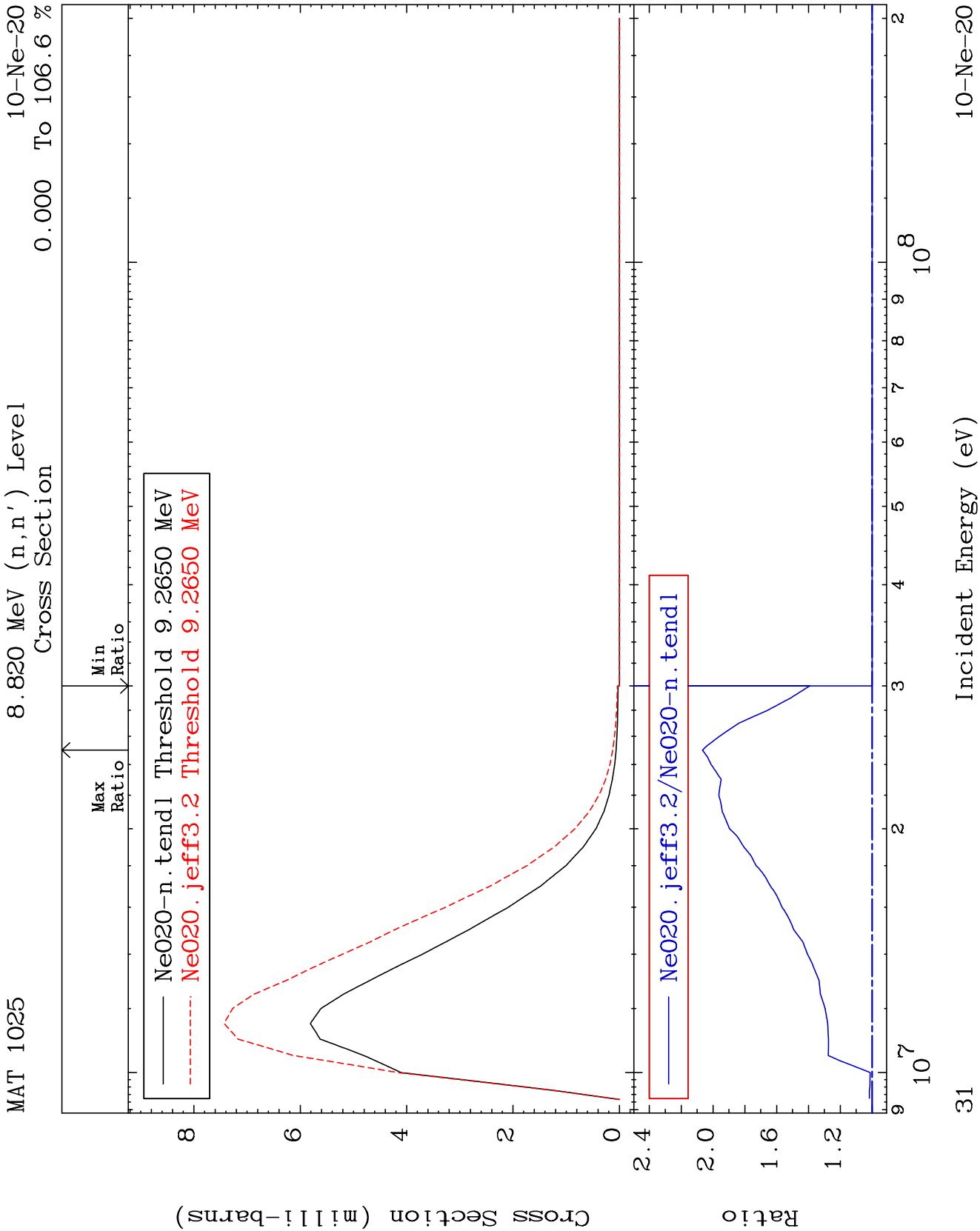
Cross Section
0.000 To 72.86 %



29

10-Ne-20



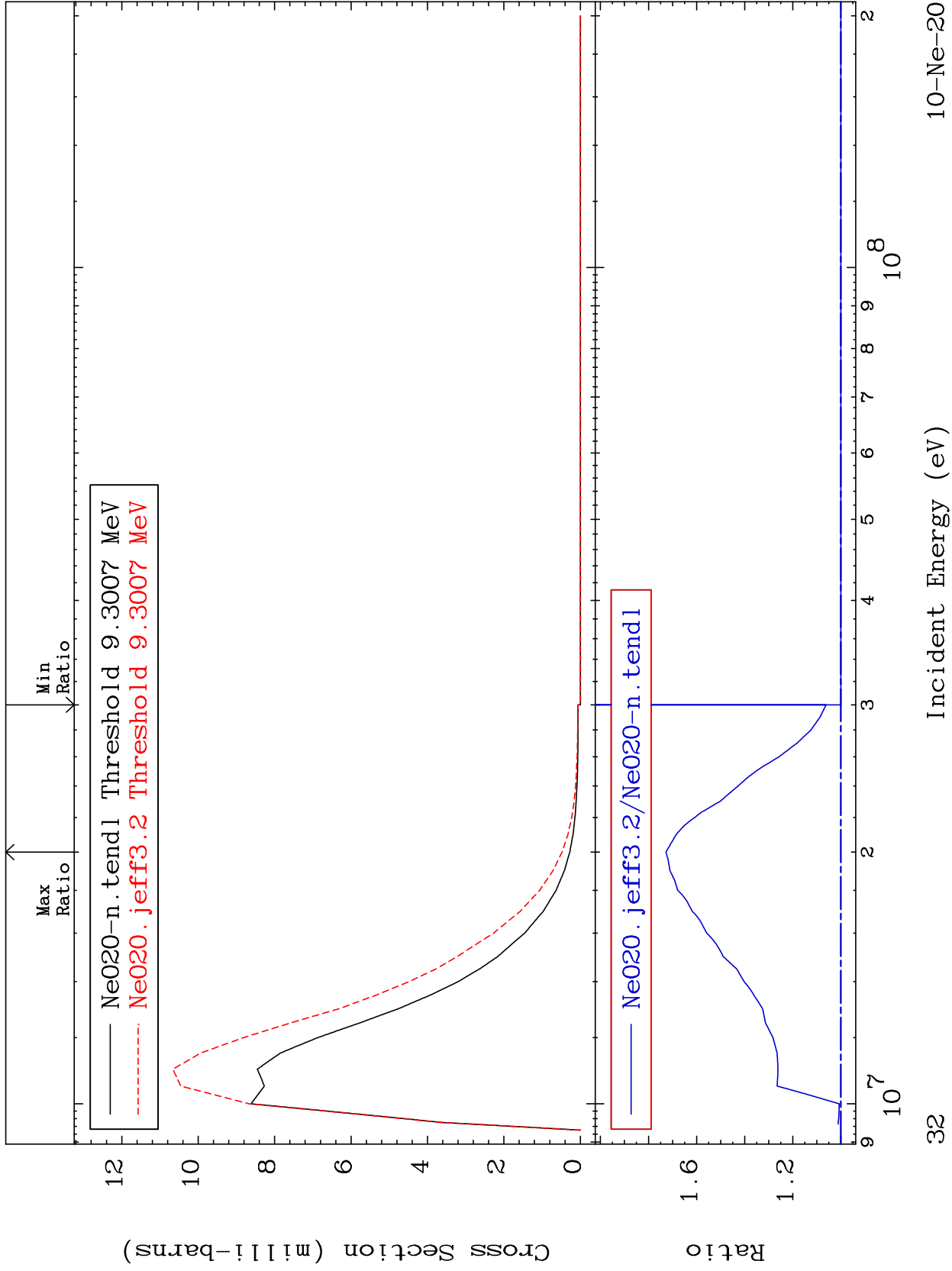


MAT 1025

8.854 MeV (n,n') Level

10-Ne-20

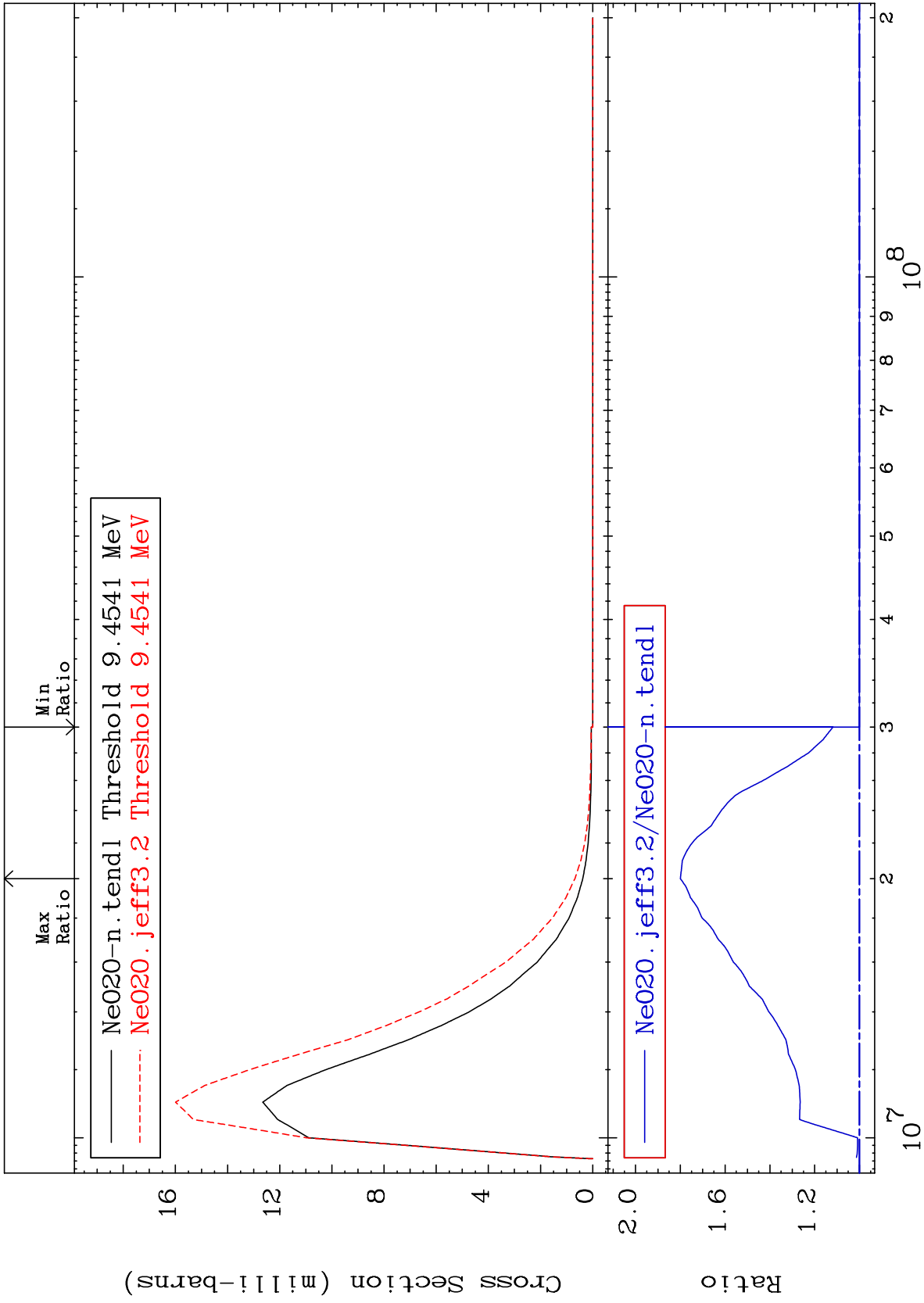
Cross Section
0.000 To 72.74 %



MAT 1025

9.000 MeV (n,n') Level
Cross Section

0.000 To 79.98 %
10-Ne-20



33

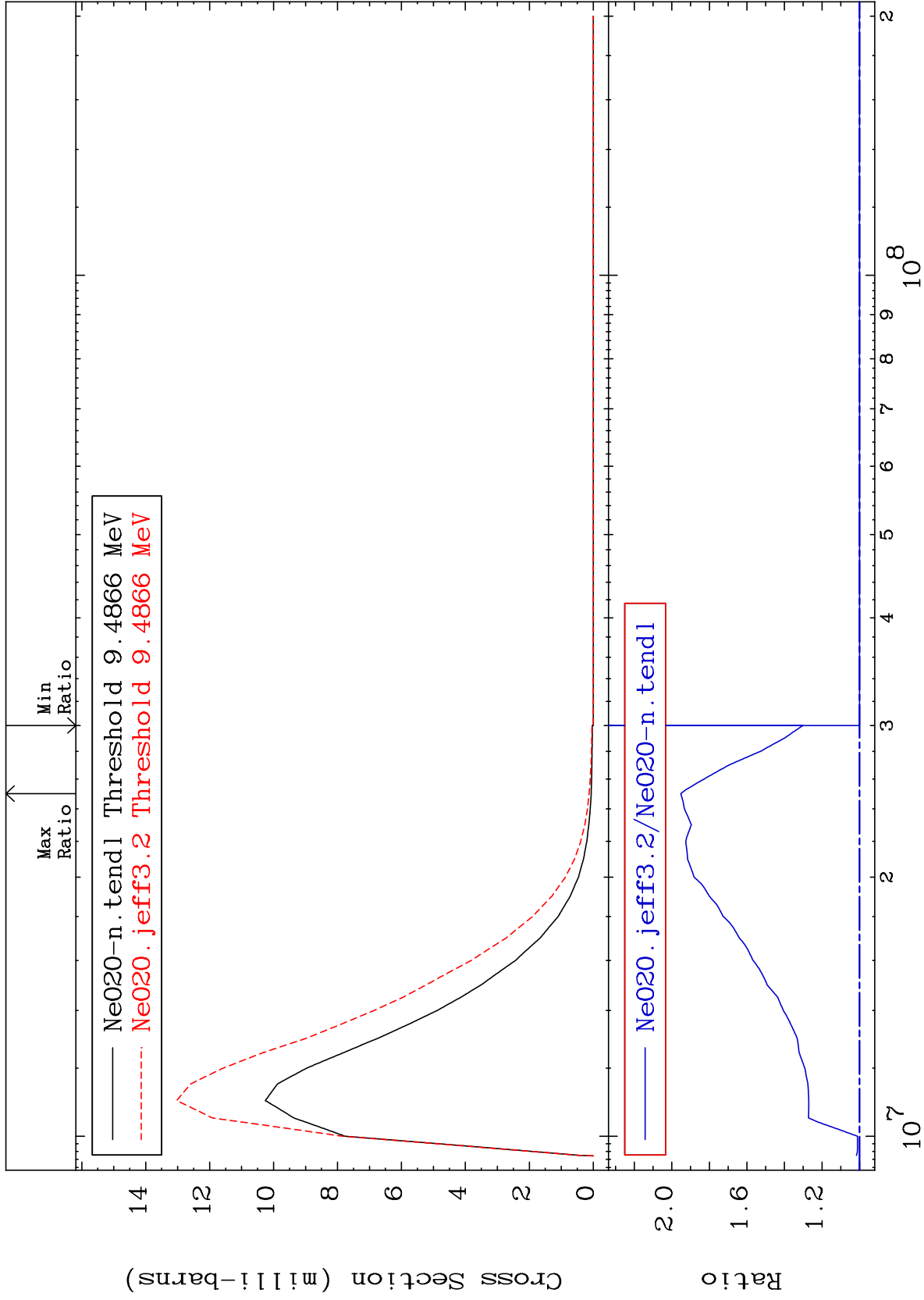
10-Ne-20

MAT 1025

9.031 MeV (n,n') Level

10-Ne-20

Cross Section
0.000 To 95.23 %



34

Incident Energy (eV)

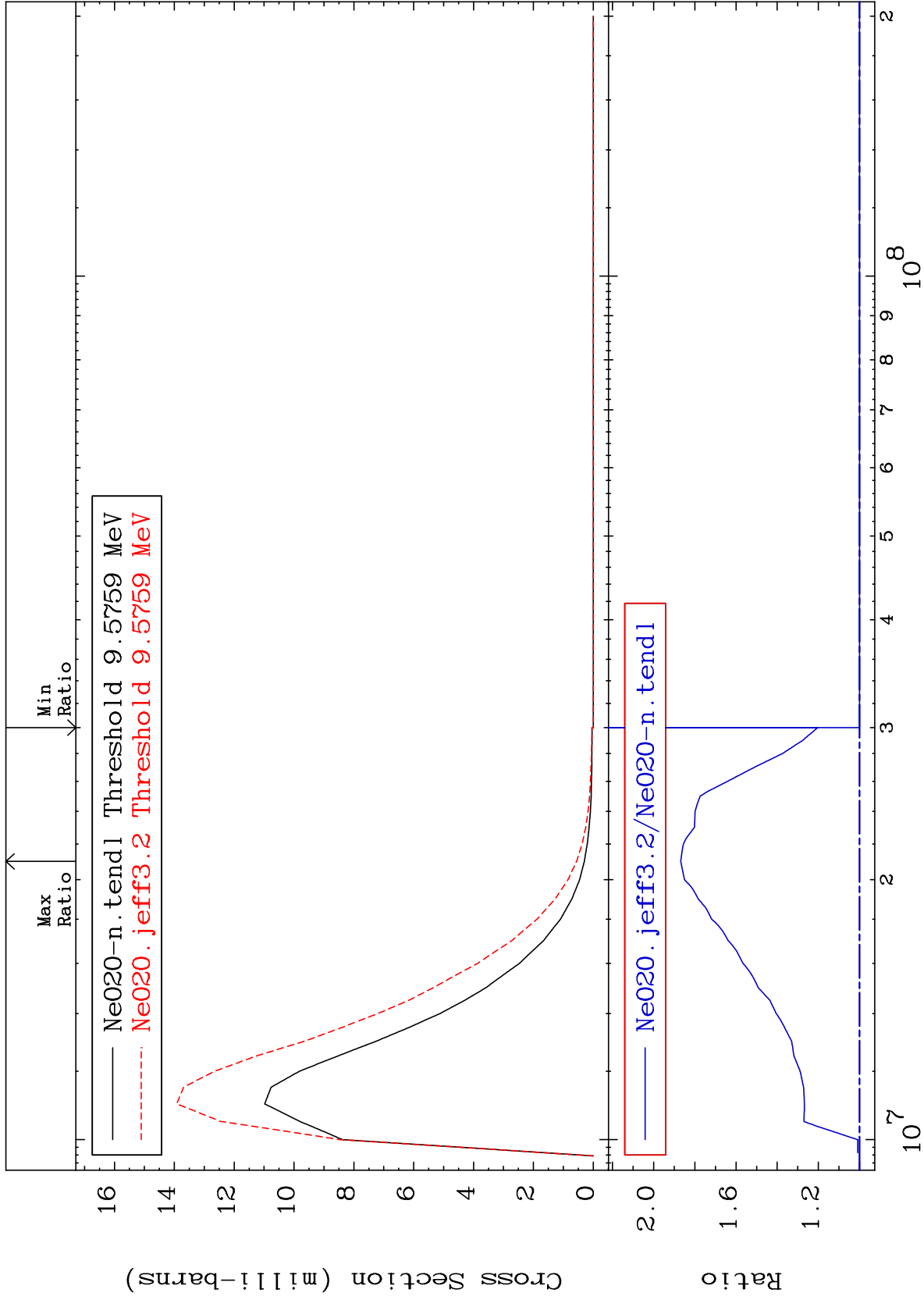
10-Ne-20

MAT 1025

9.116 MeV (n,n') Level

10-Ne-20

Cross Section
0.000 To 86.85 %



35

Incident Energy (eV)

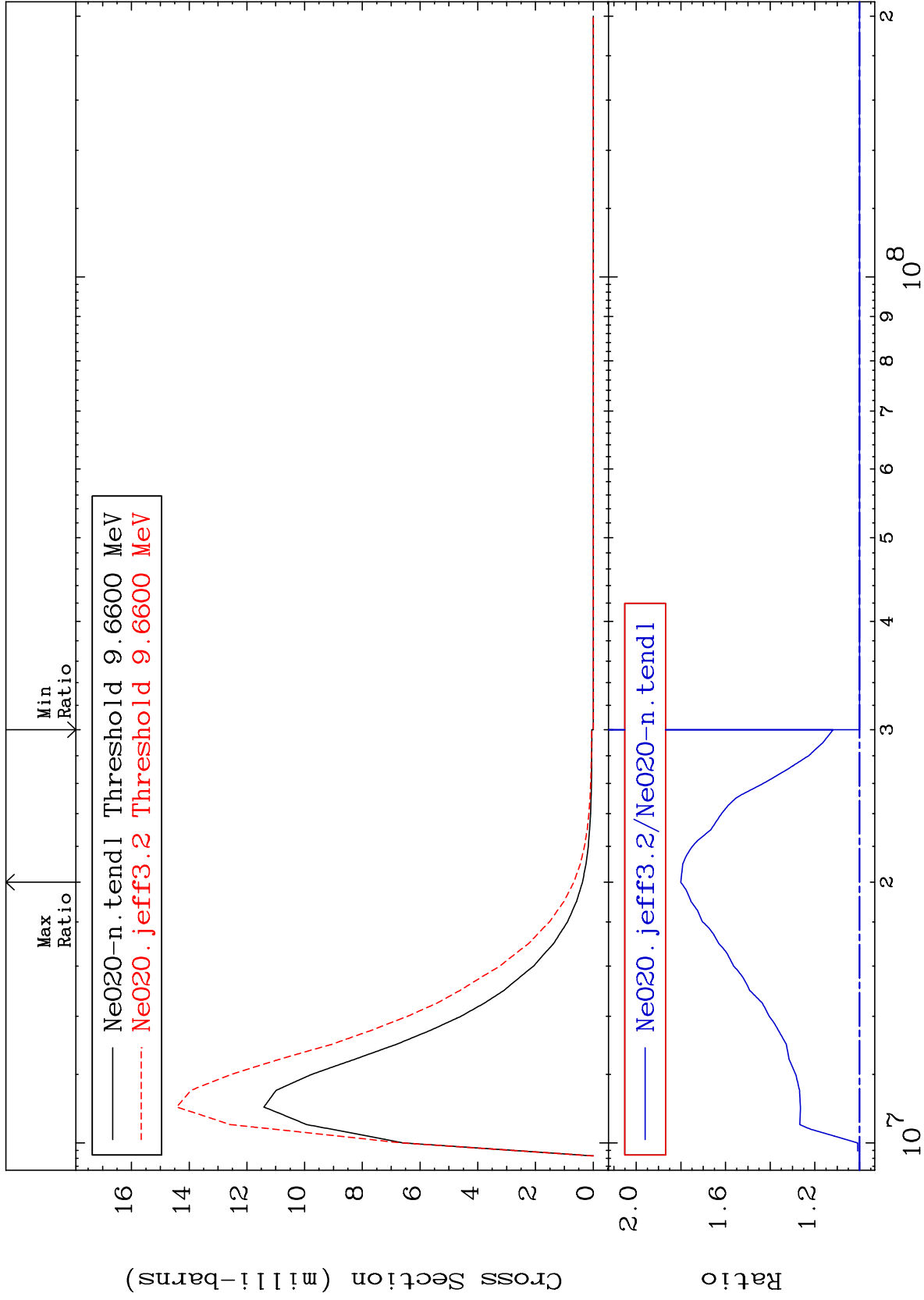
10-Ne-20

MAT 1025

9.196 MeV (n,n') Level

10-Ne-20

Cross Section
0.000 To 80.04 %



36

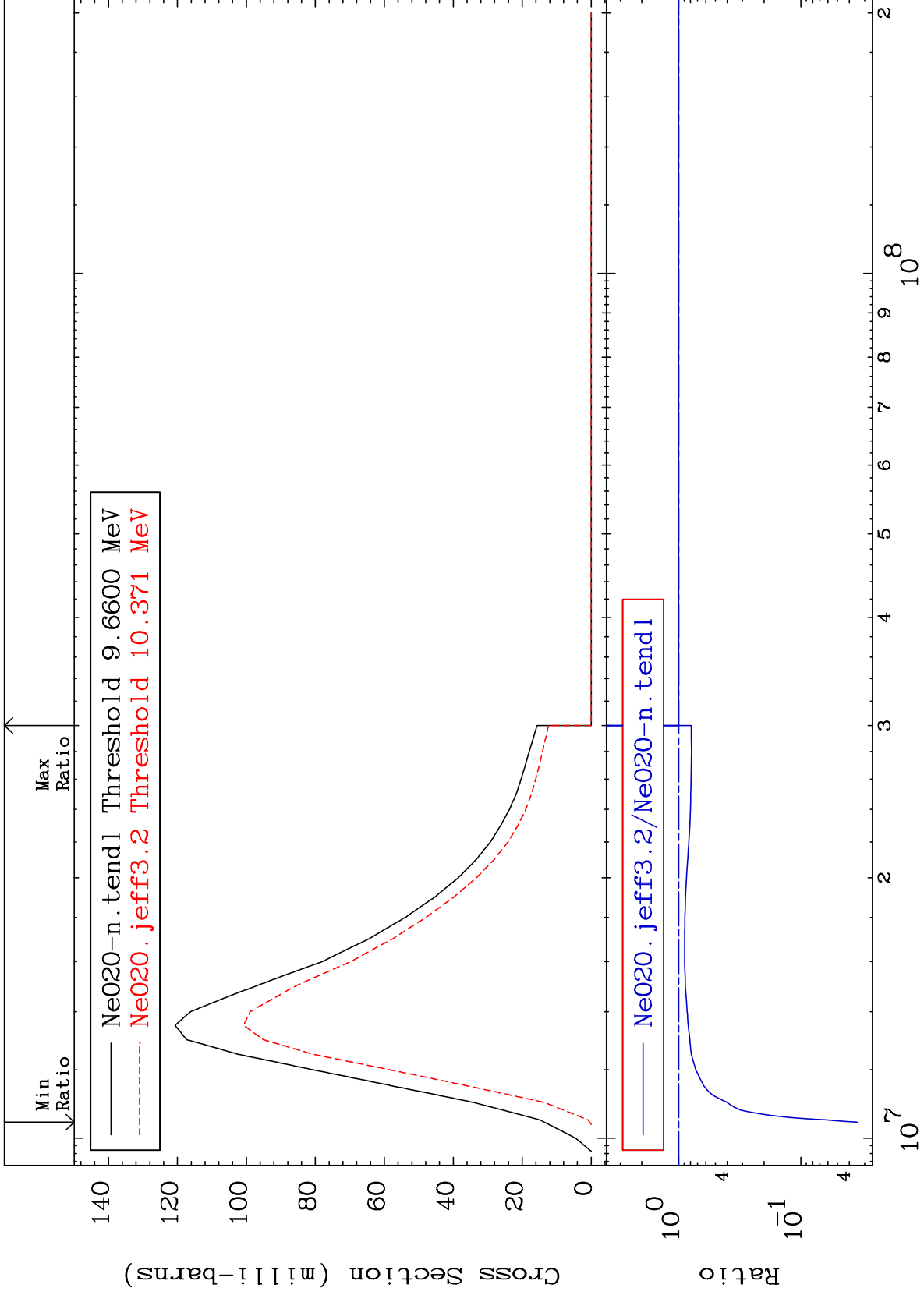
Incident Energy (eV)

10-Ne-20

MAT 1025

(n, n') Continuum
Cross Section

10-Ne-20
-96.55 To 0.000 %



37

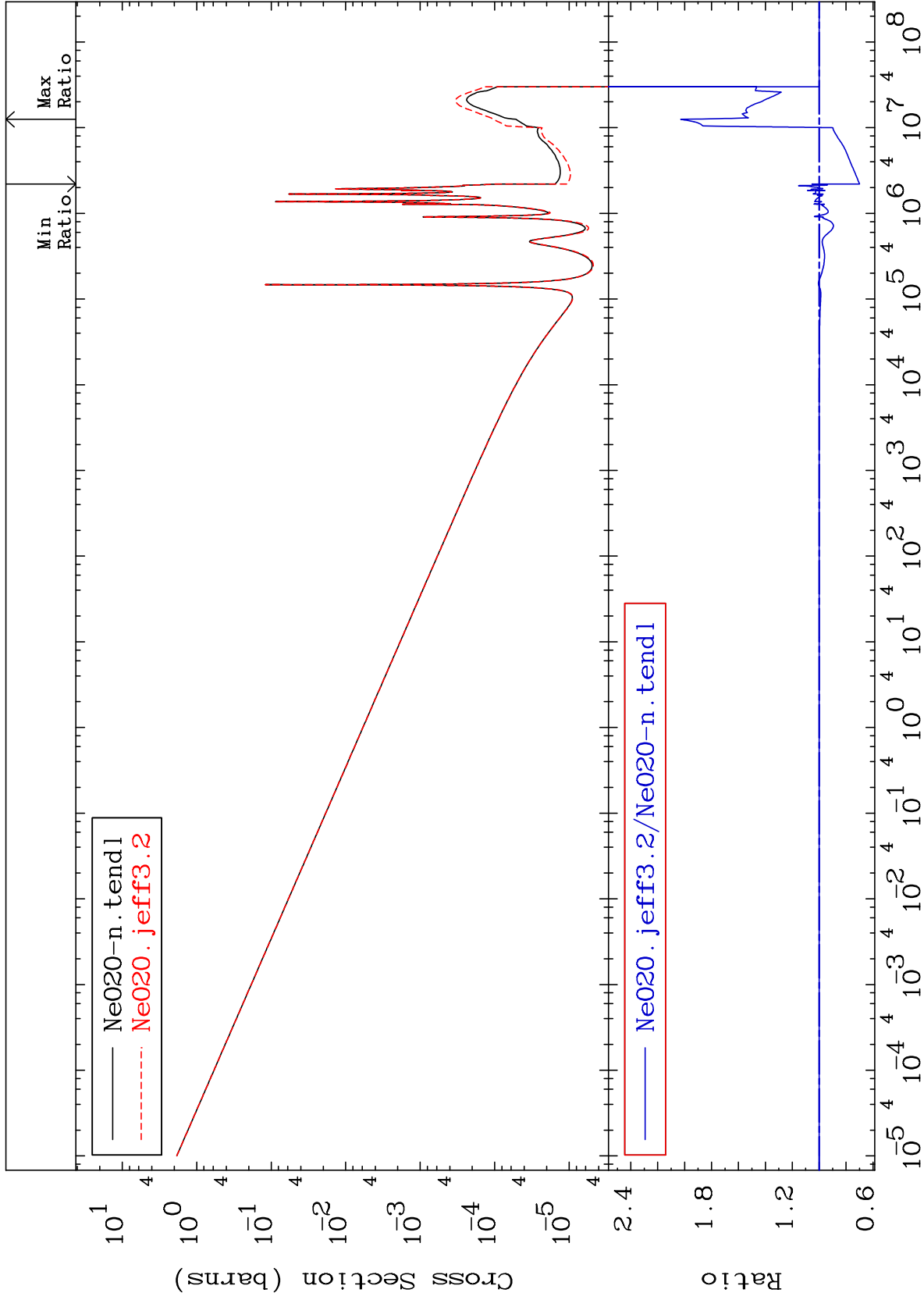
Incident Energy (eV)

10-Ne-20

MAT 1025

(n, γ)
Cross Section

10-Ne-20
-30.00 To 102.9 %

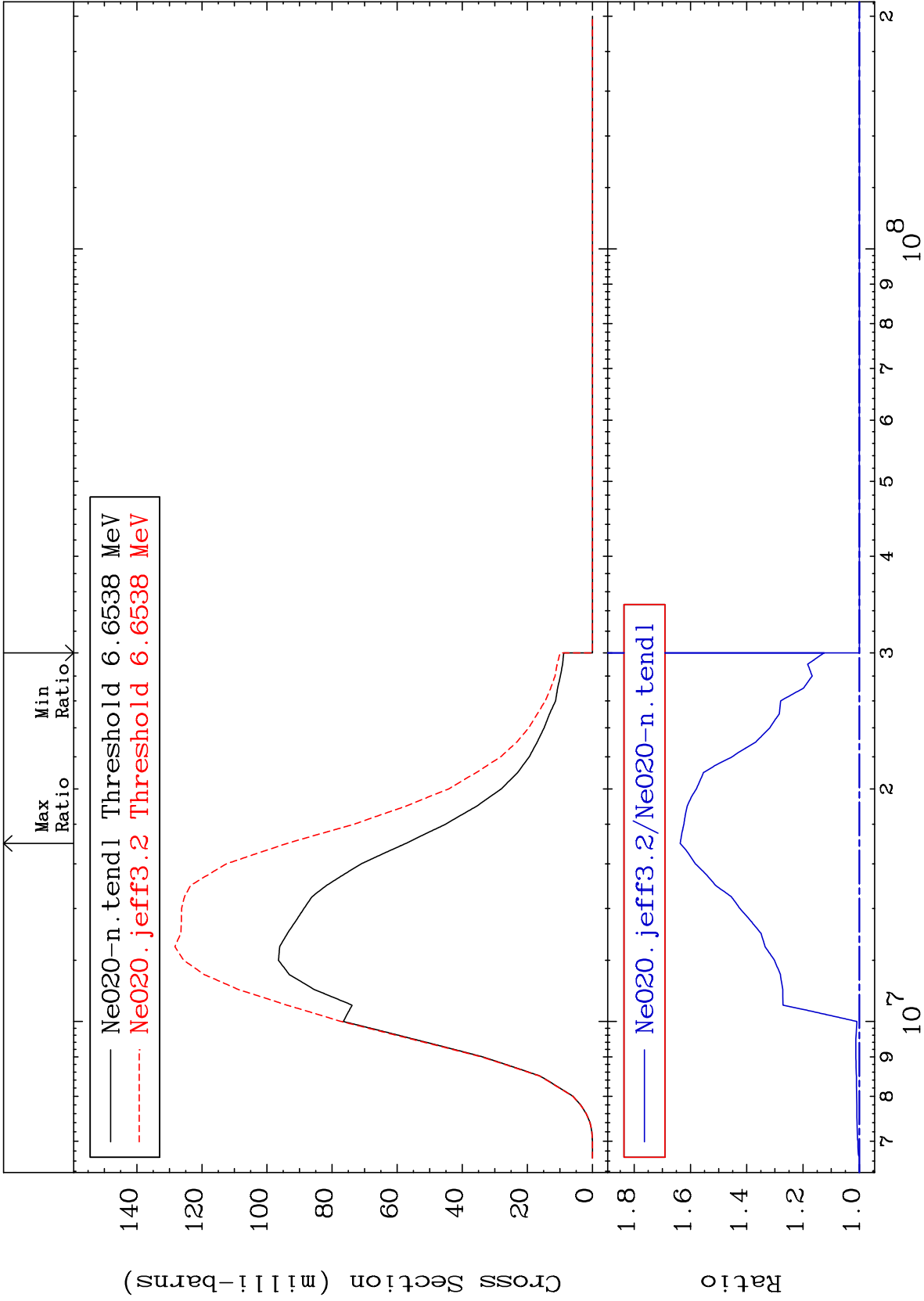


MAT 1025

10-Ne-20

0.000 To 63.67 %

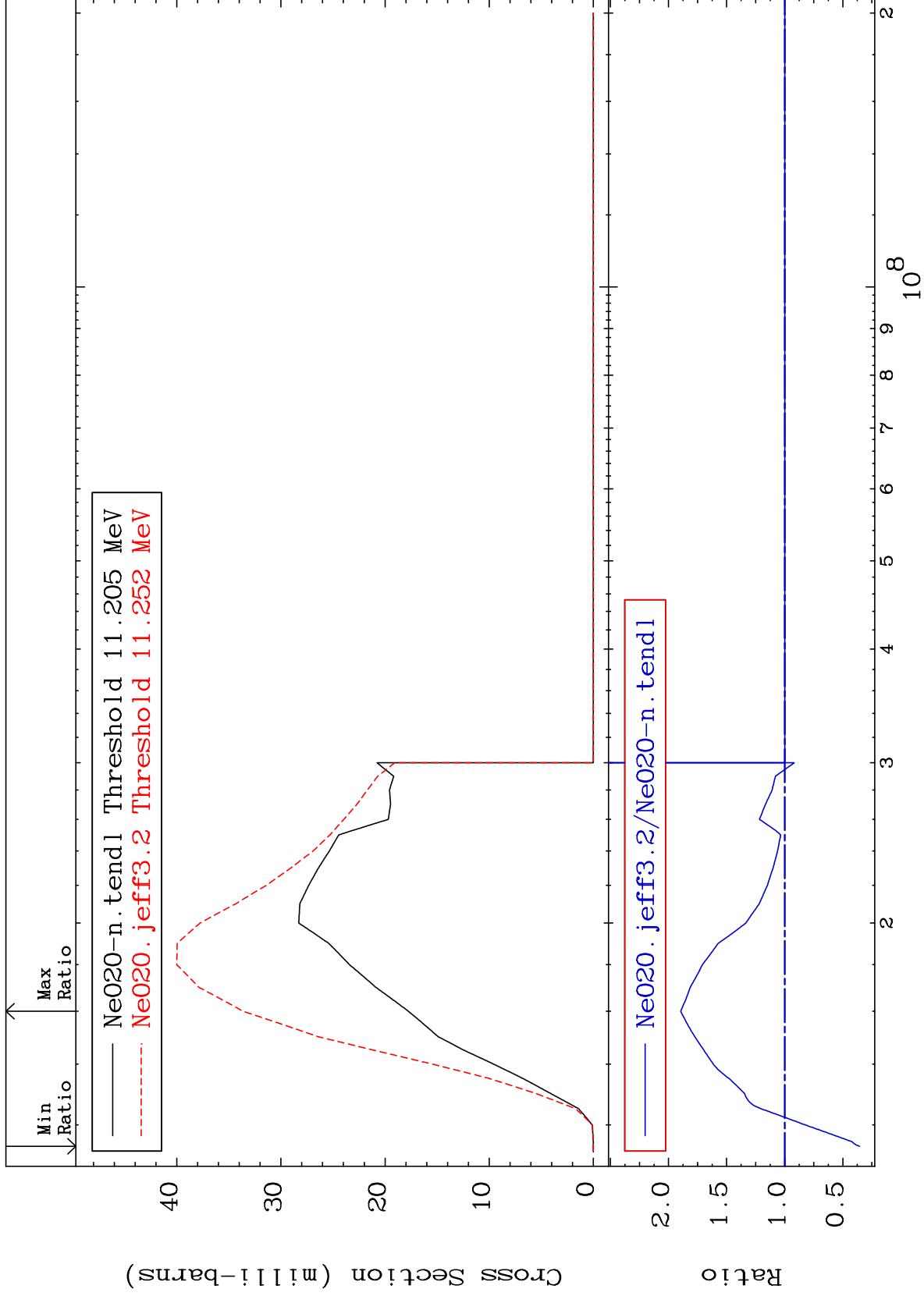
(n,p)
Cross Section



MAT 1025

(n, d)
Cross Section

10-Ne-20
-64.40 To 89.46 %



40

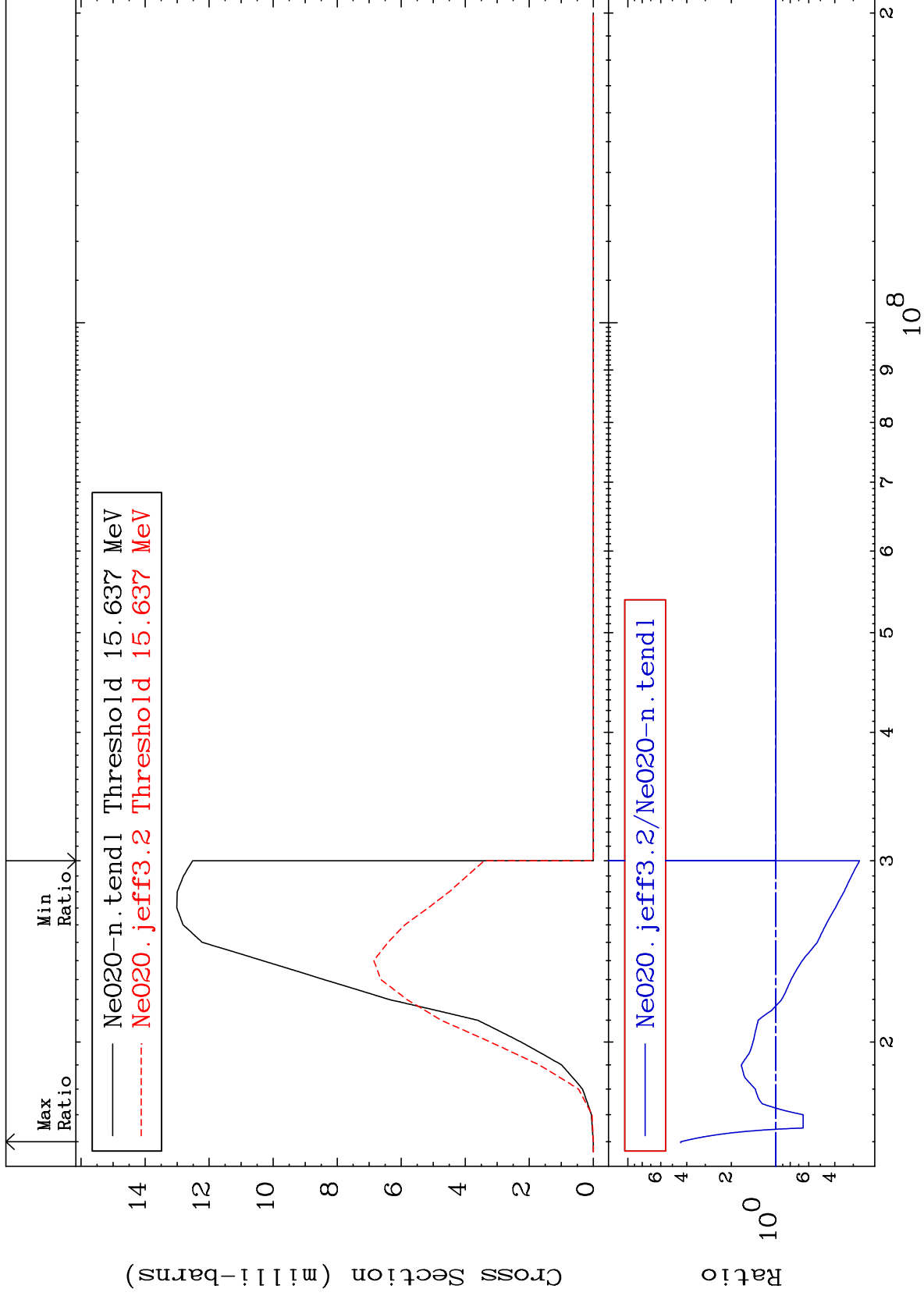
Incident Energy (eV)

10-Ne-20

MAT 1025

(n, t)
Cross Section

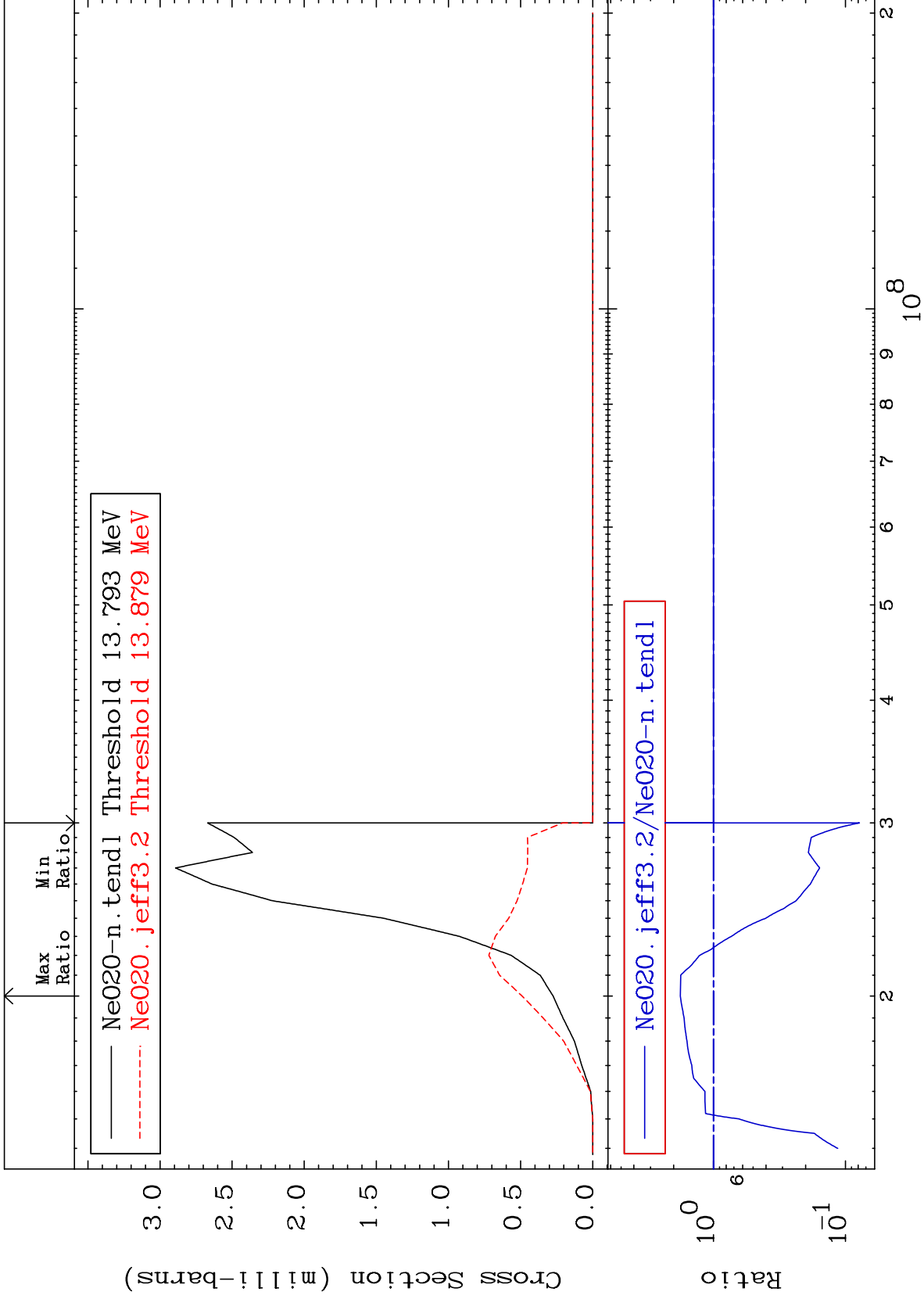
10-Ne-20
-72.79 To 338.7 %



MAT 1025

(n, He-3)
Cross Section

10-Ne-20
-92.17 To 77.92 %



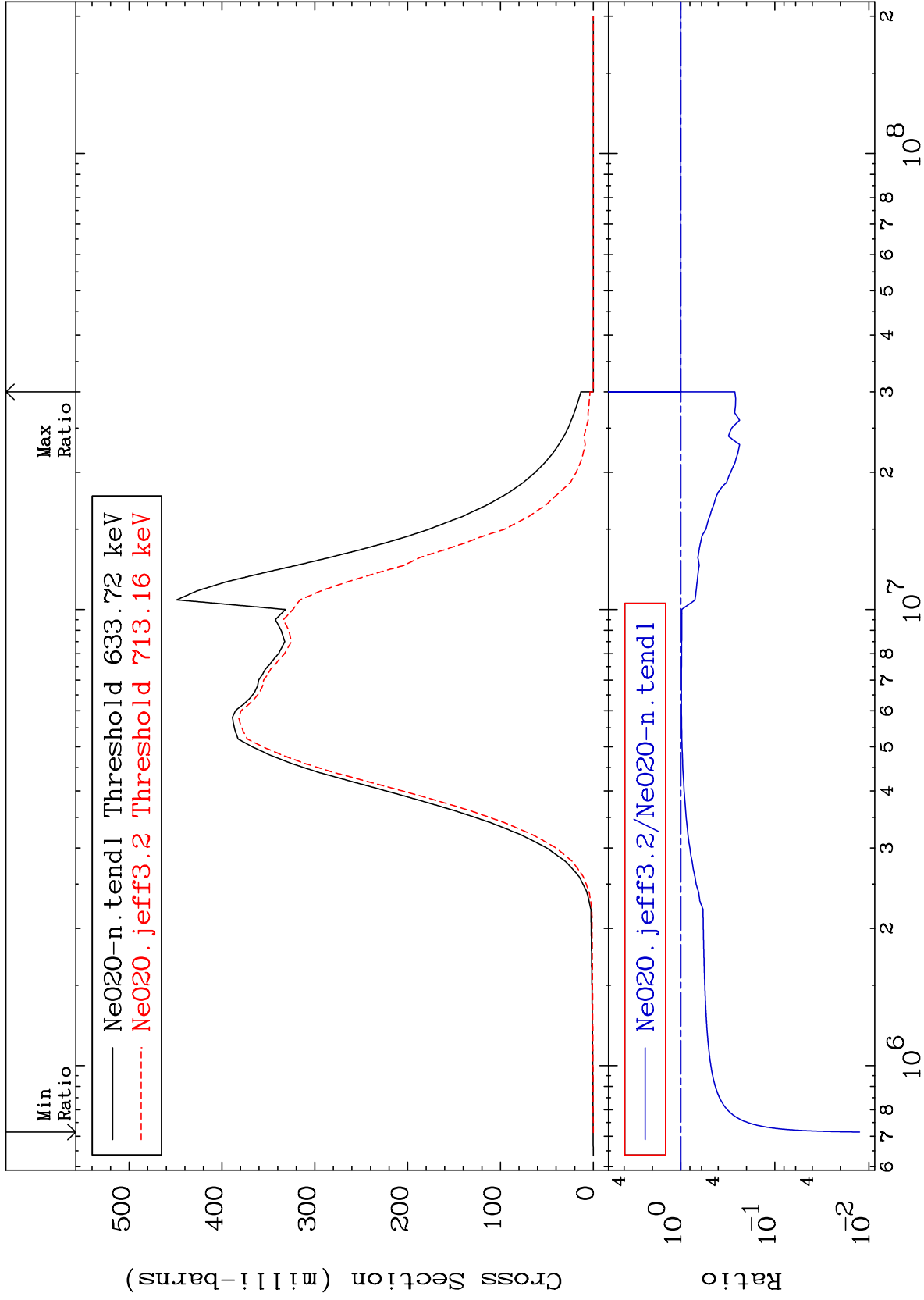
MAT 1025

(n, α)

10-Ne-20

Cross Section

-98.74 To 0.000 %



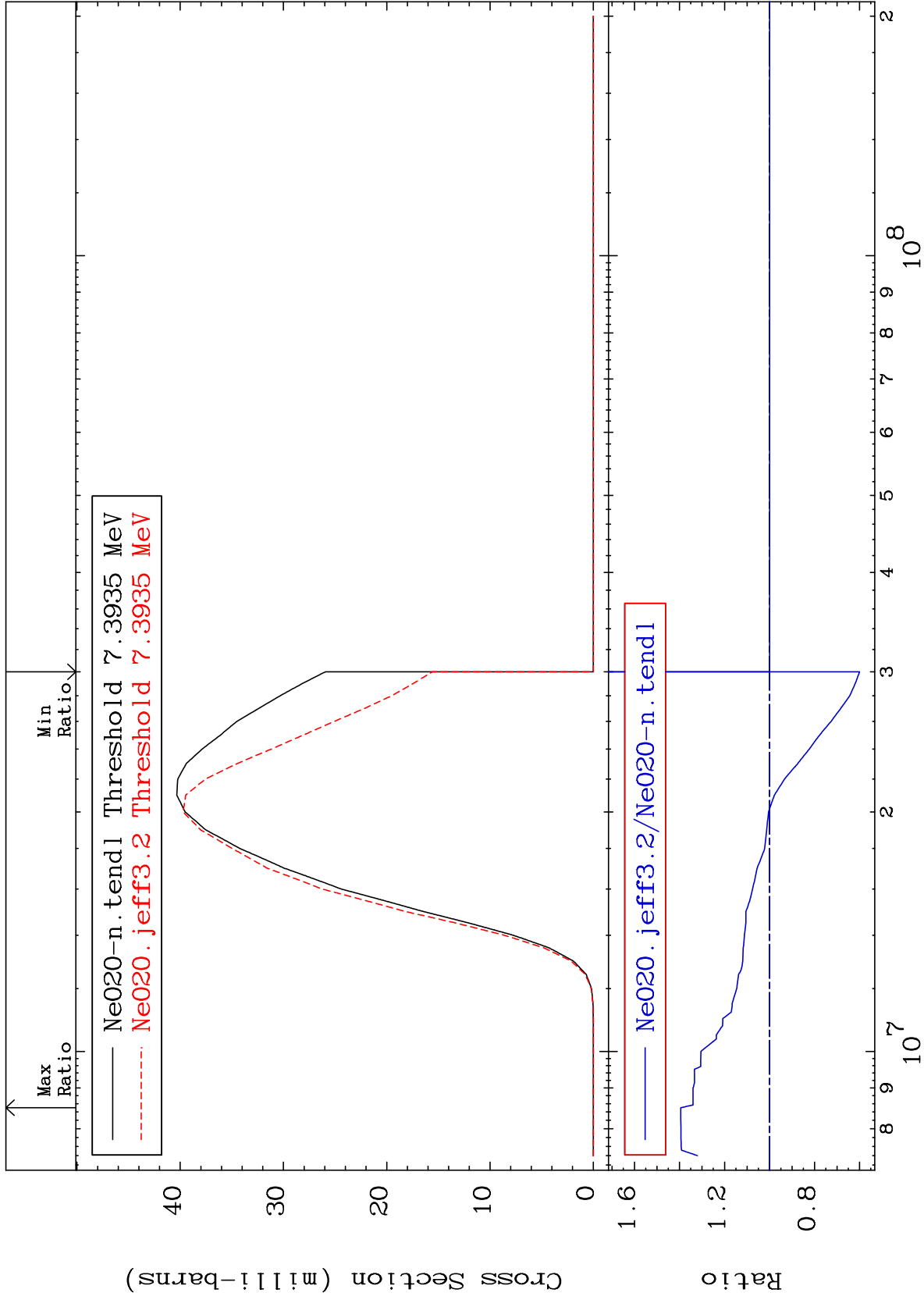
MAT 1025

(n,2α)

10-Ne-20

Cross Section

-39.99 To 39.46 %



MAT 1025

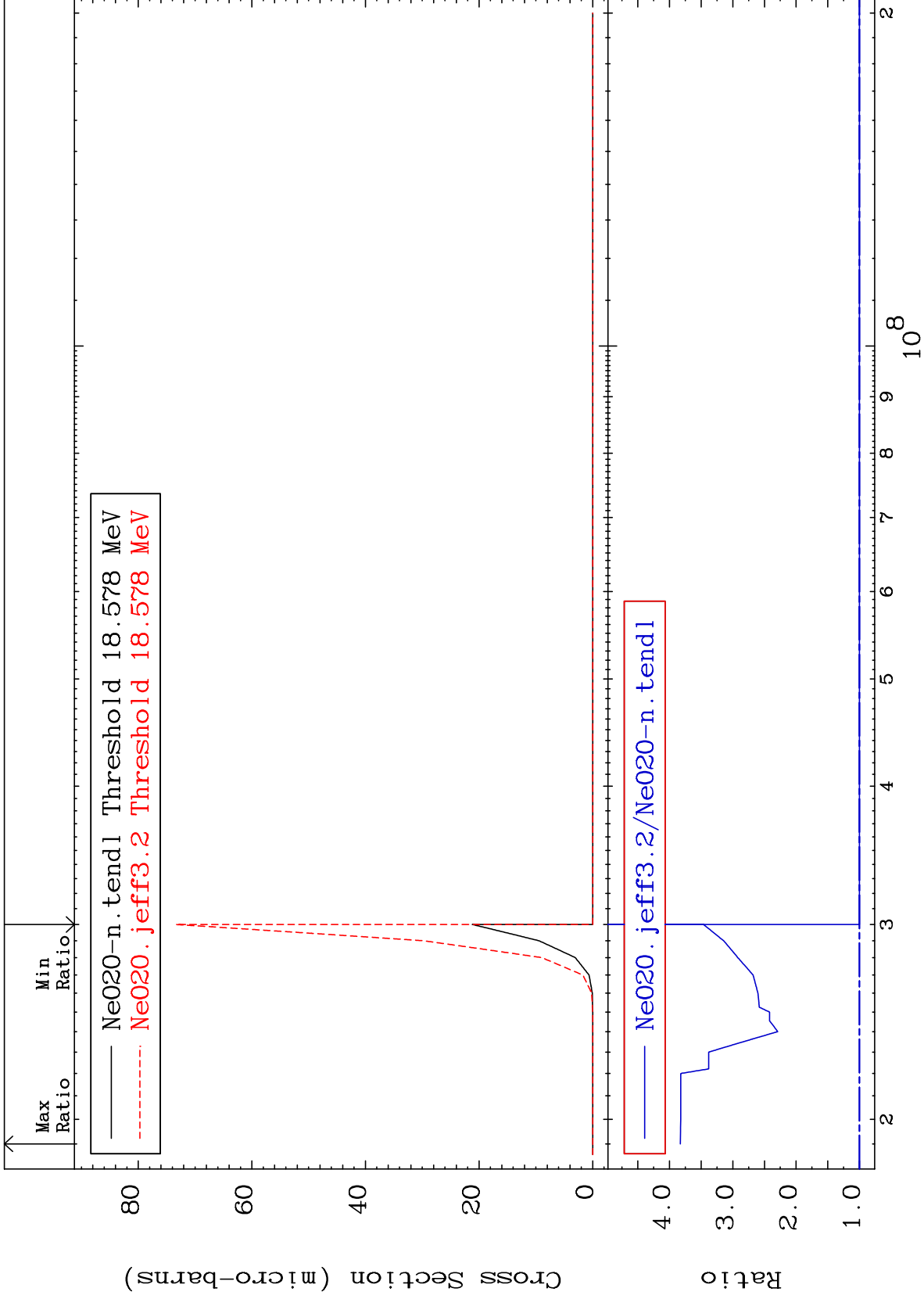
(n, 3 α)

10-Ne-20

Cross Section

0.000

To 282.8 %



45

10-Ne-20

10-Ne-20

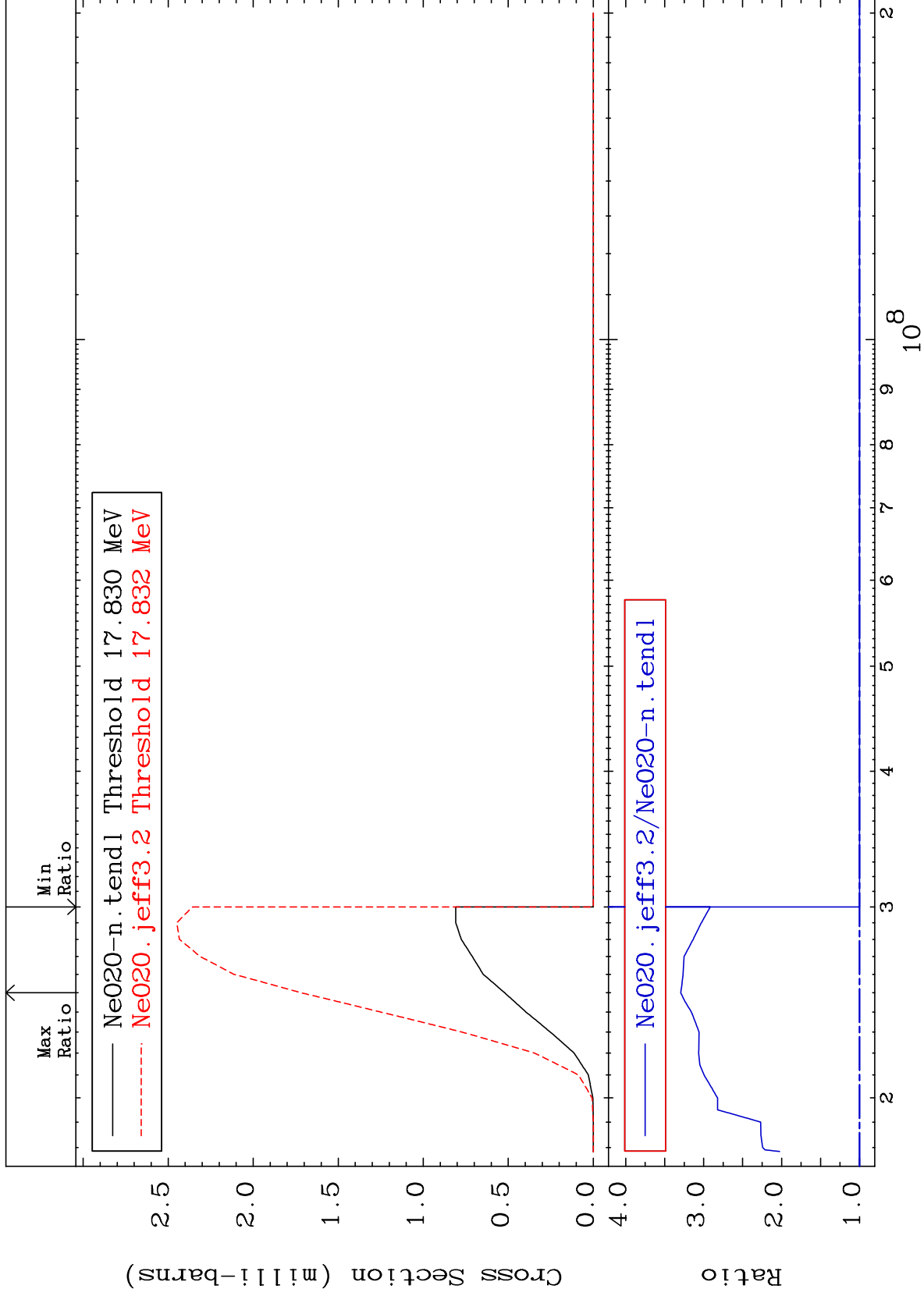
MAT 1025

(n,2p)

10-Ne-20

Cross Section

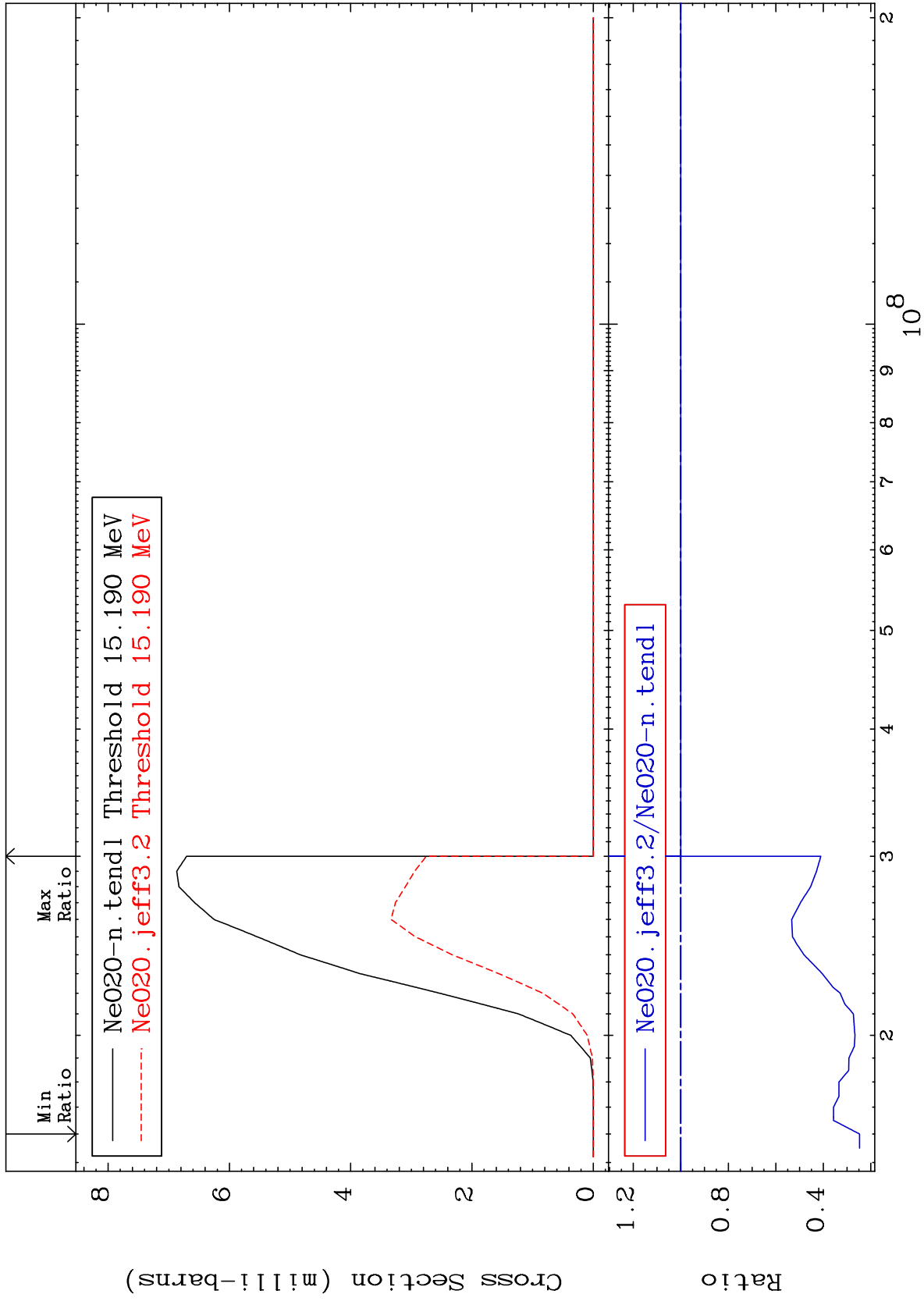
0.000 To 229.4 %



MAT 1025

(n,p) α
Cross Section

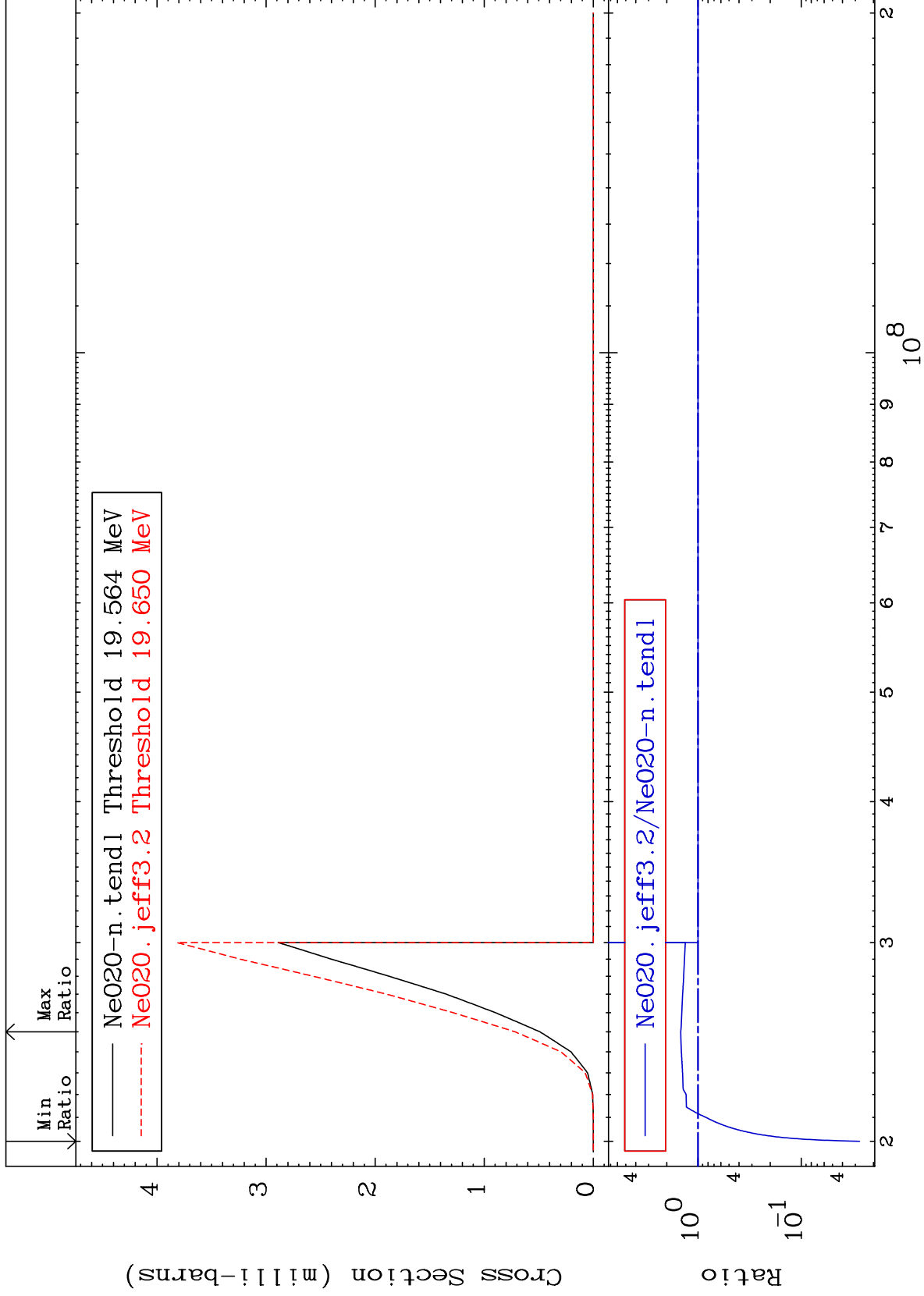
10-Ne-20
-75.23 To 0.000 %



MAT 1025

(n, p) d
Cross Section

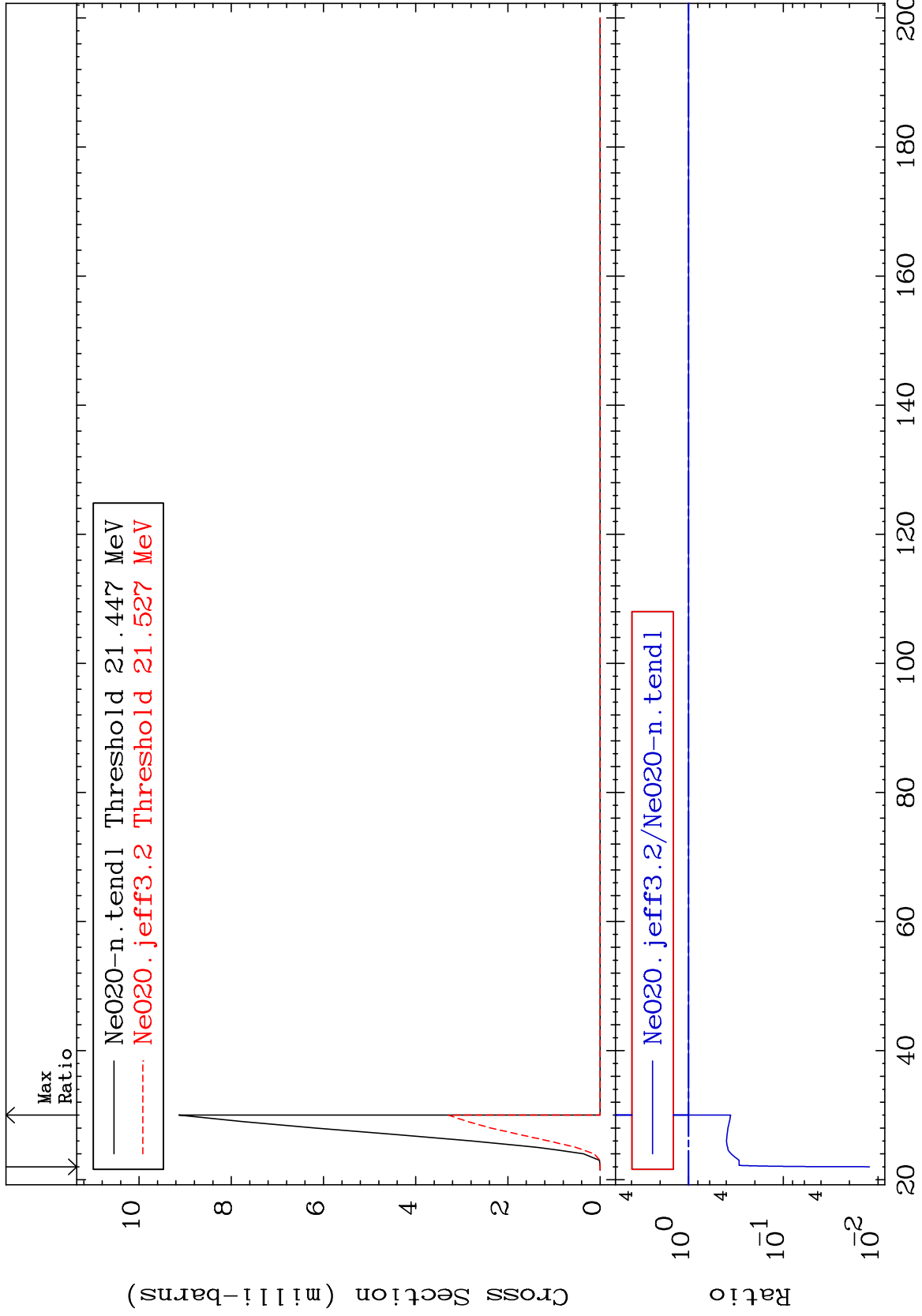
10-Ne-20
-97.27 To 46.51 %



MAT 1025

(n,p) t
Cross Section

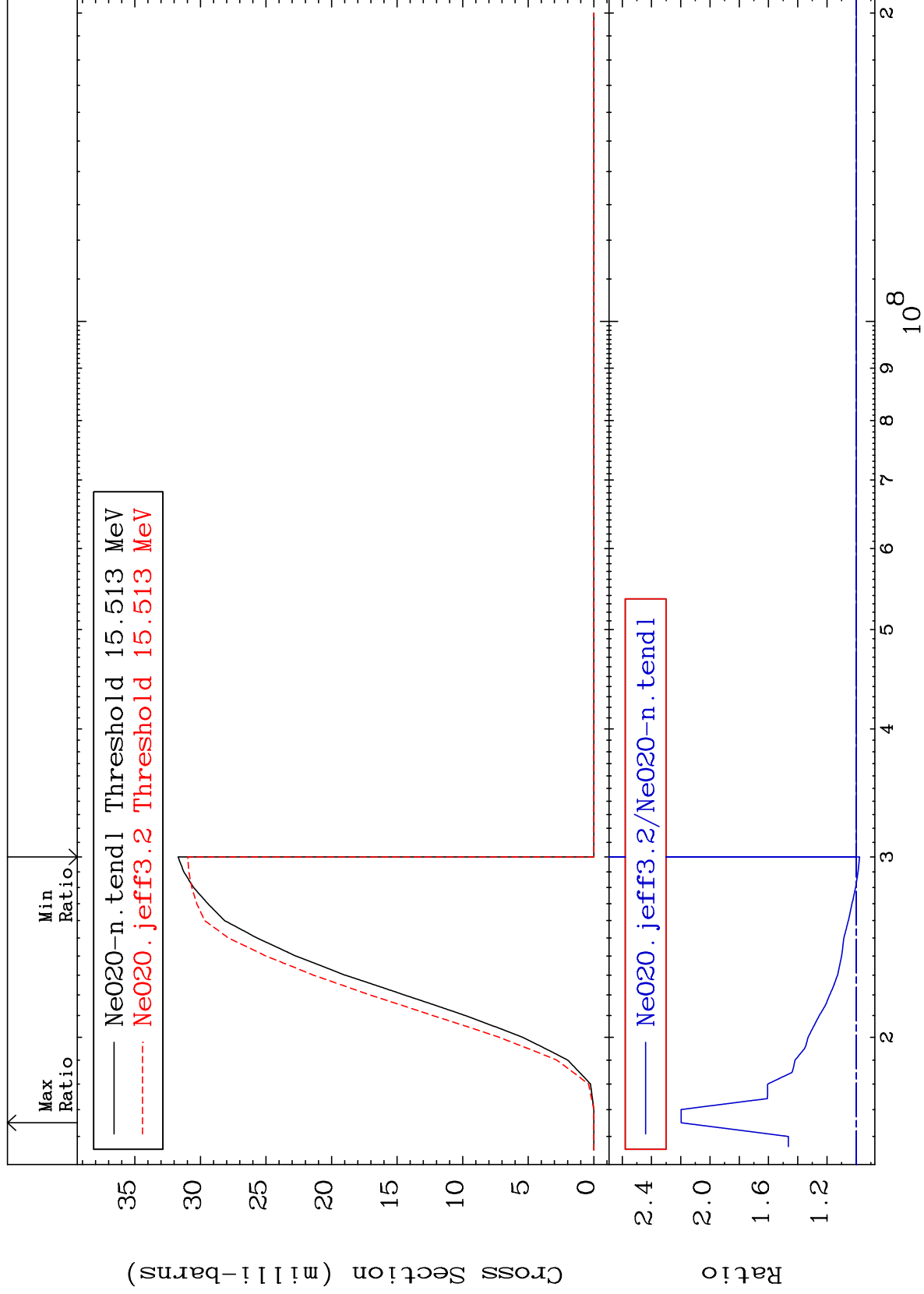
10-Ne-20
-98.77 To 0.000 %



MAT 1025

(n, d) α
Cross Section

10-Ne-20
-2.334 To 119.7 %



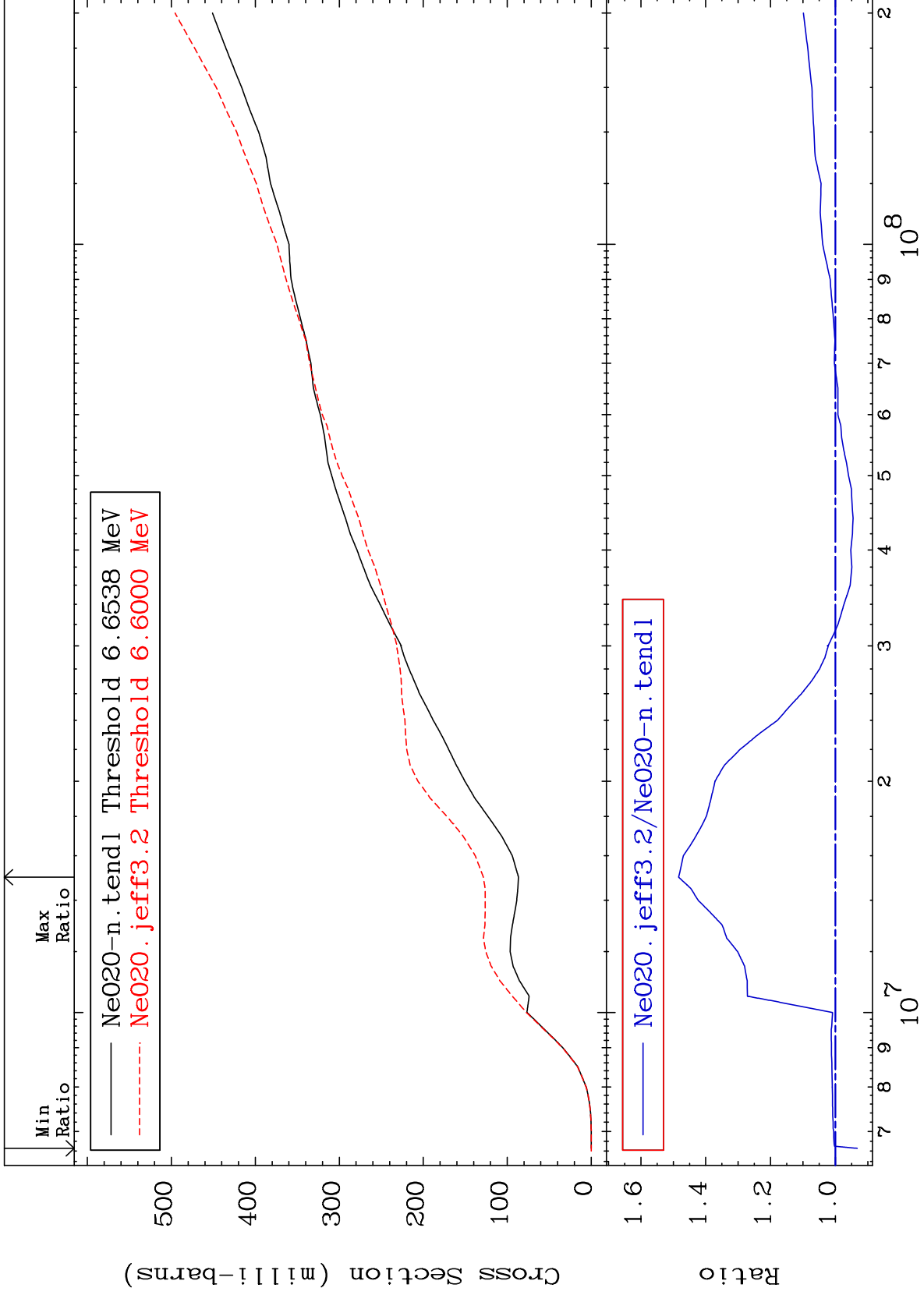
50

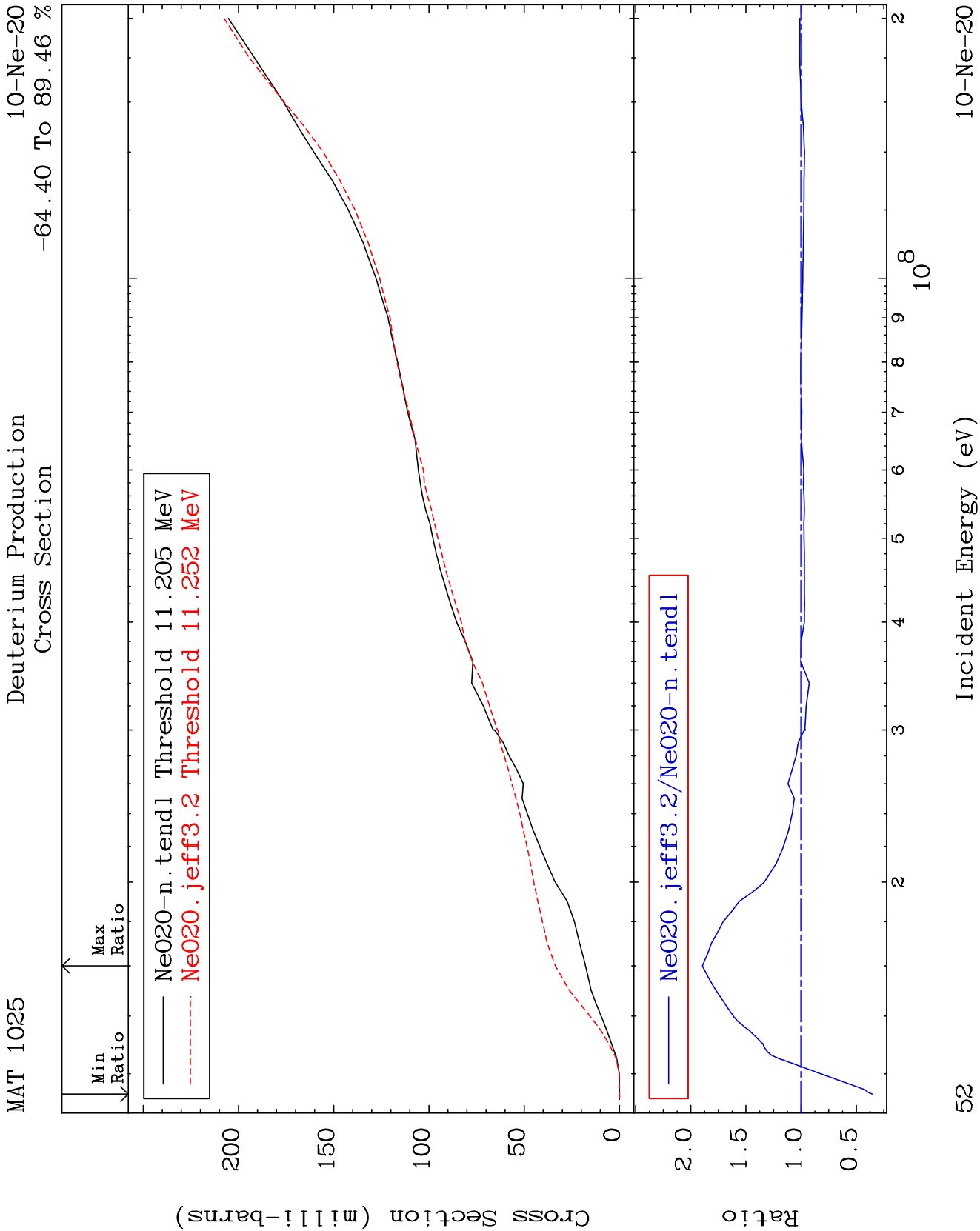
10-Ne-20

MAT 1025

Hydrogen Production
Cross Section

10-Ne-20
-6.736 To 48.36 %

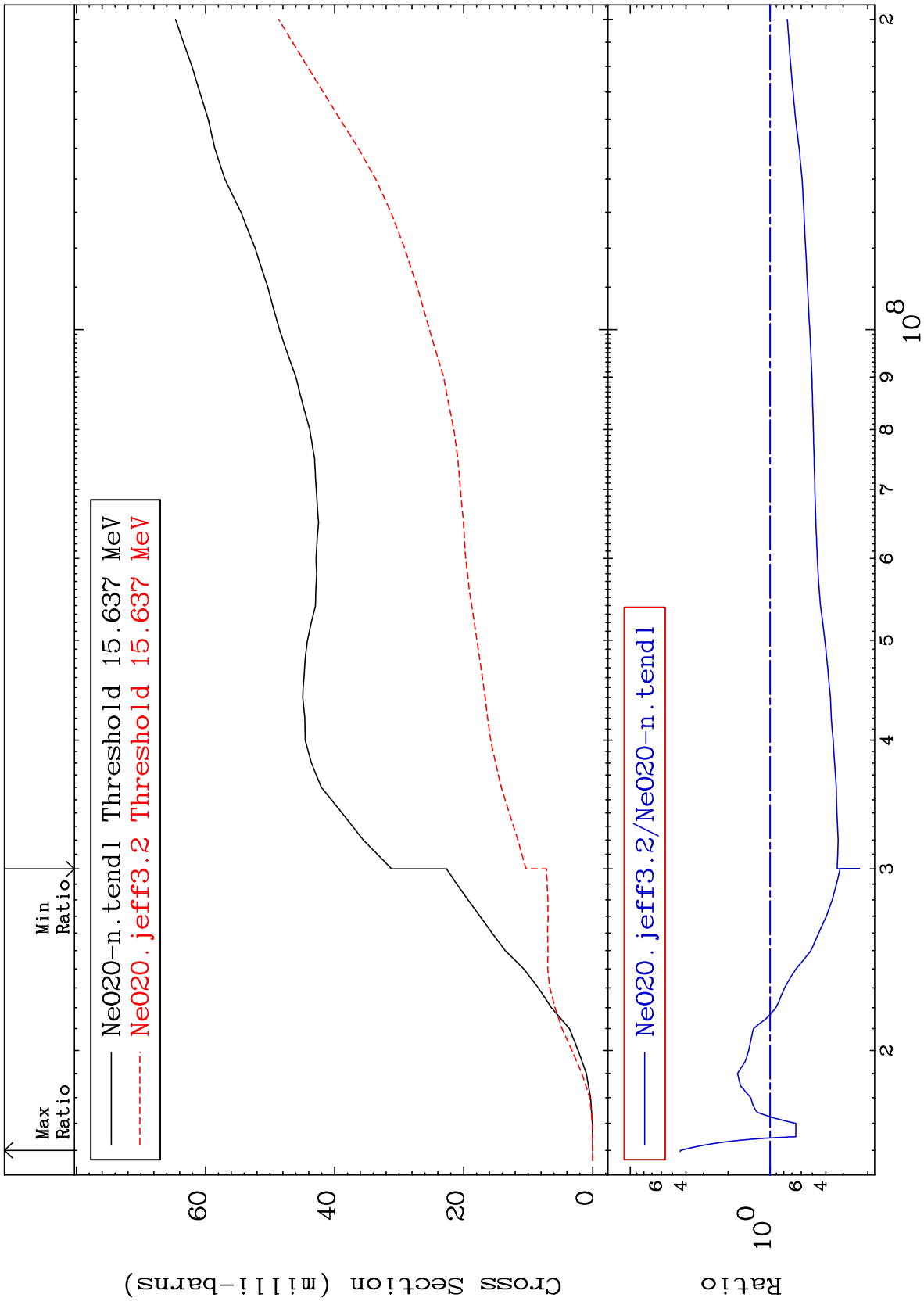




MAT 1025

Tritium Production
Cross Section

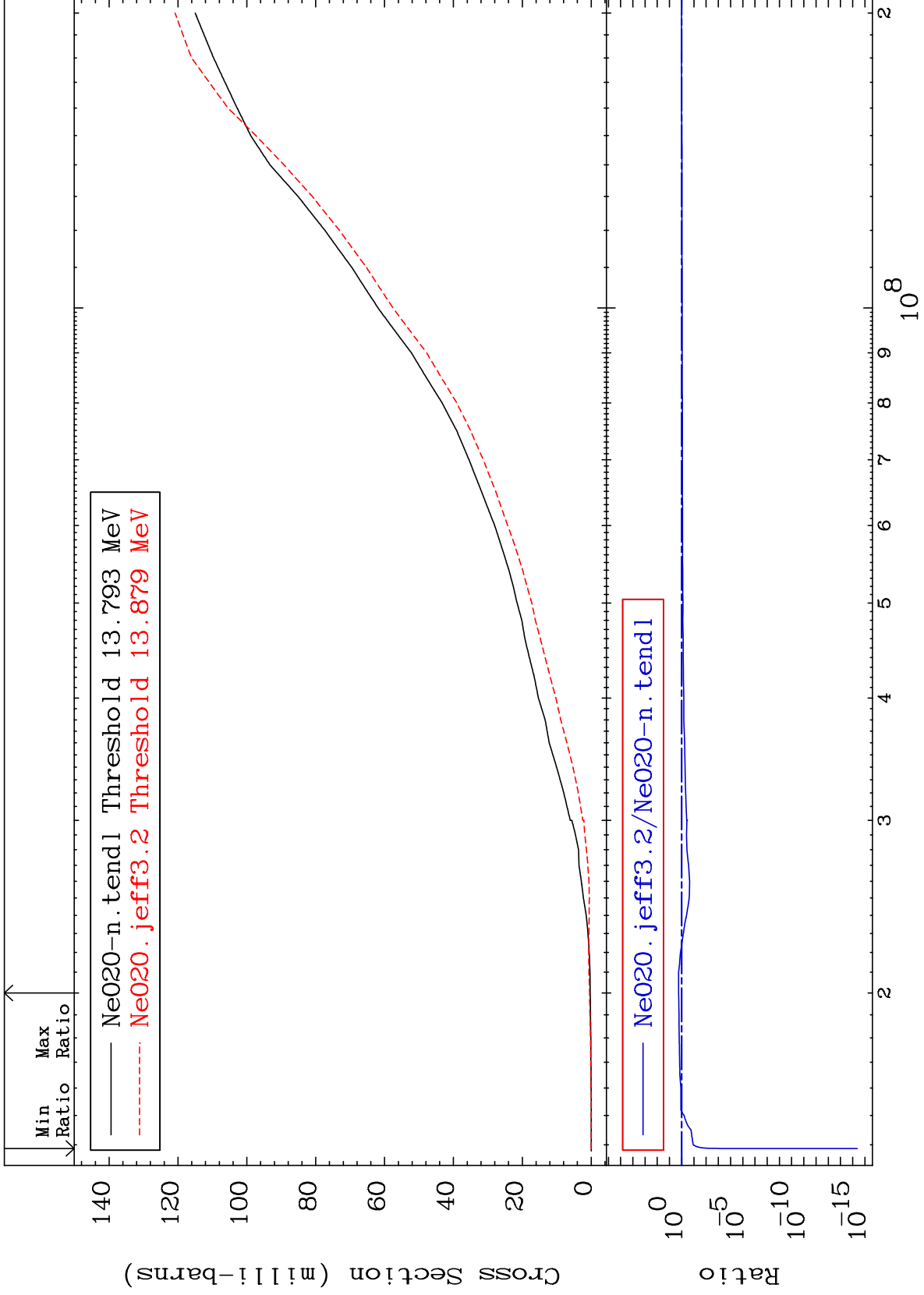
10-Ne-20
-77.03 To 338.7 %



MAT 1025

He-3 Production
Cross Section

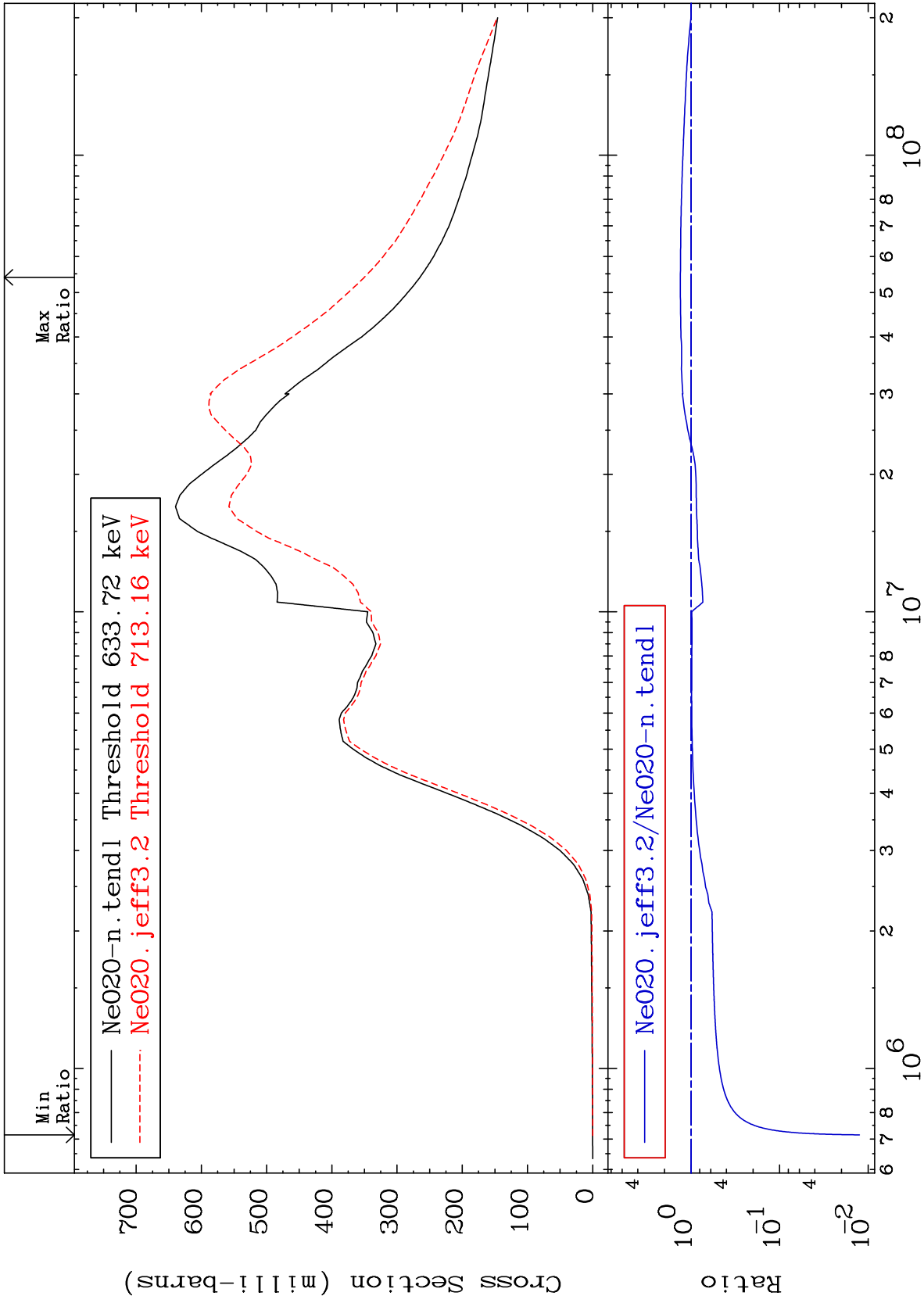
10-Ne-20
-100.0 To 77.92 %



MAT 1025

He-4 Production
Cross Section

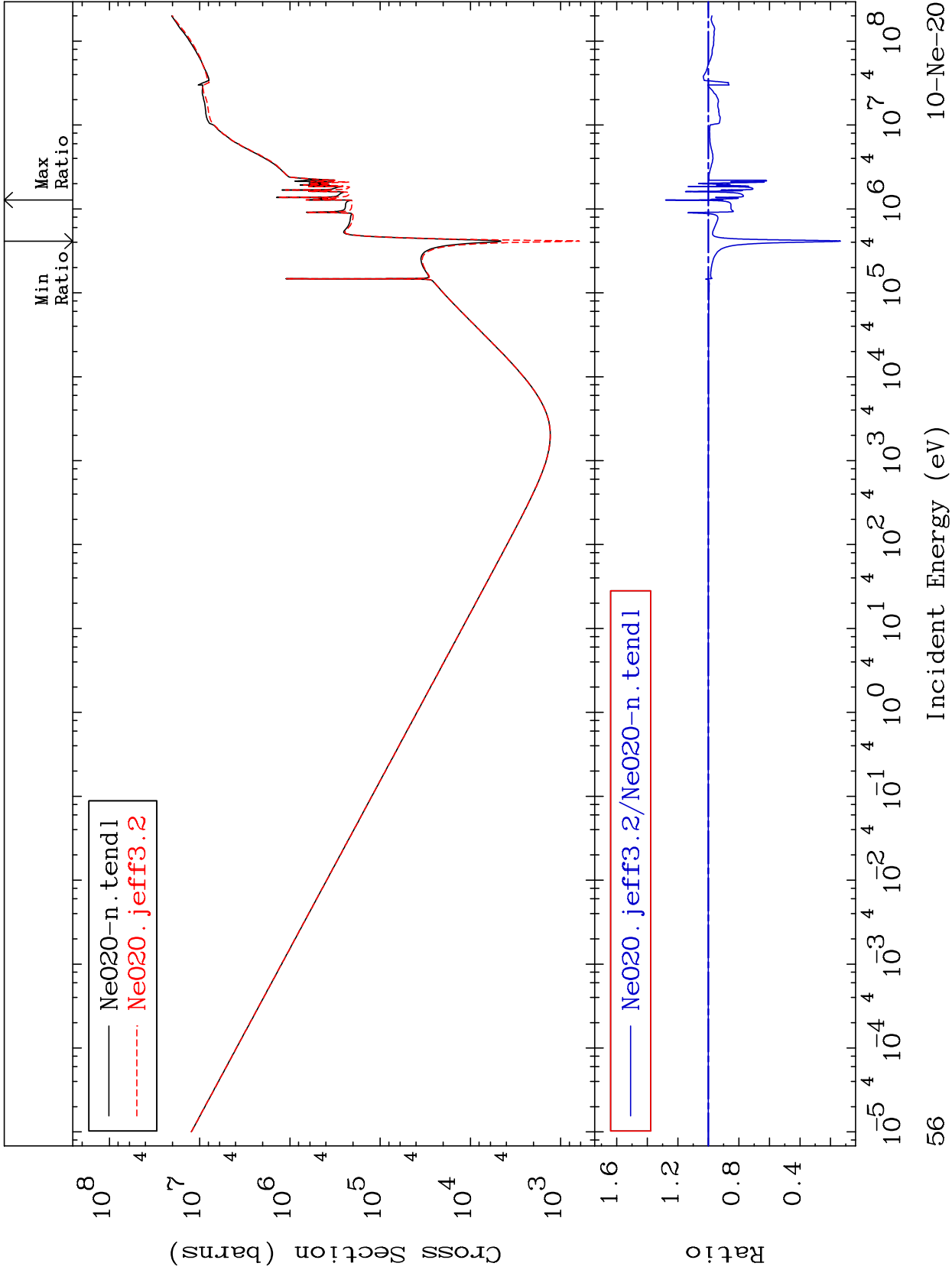
10-Ne-20
-98.74 To 32.24 %



MAT 1025

Kerma total (eV-barns)
Cross Section

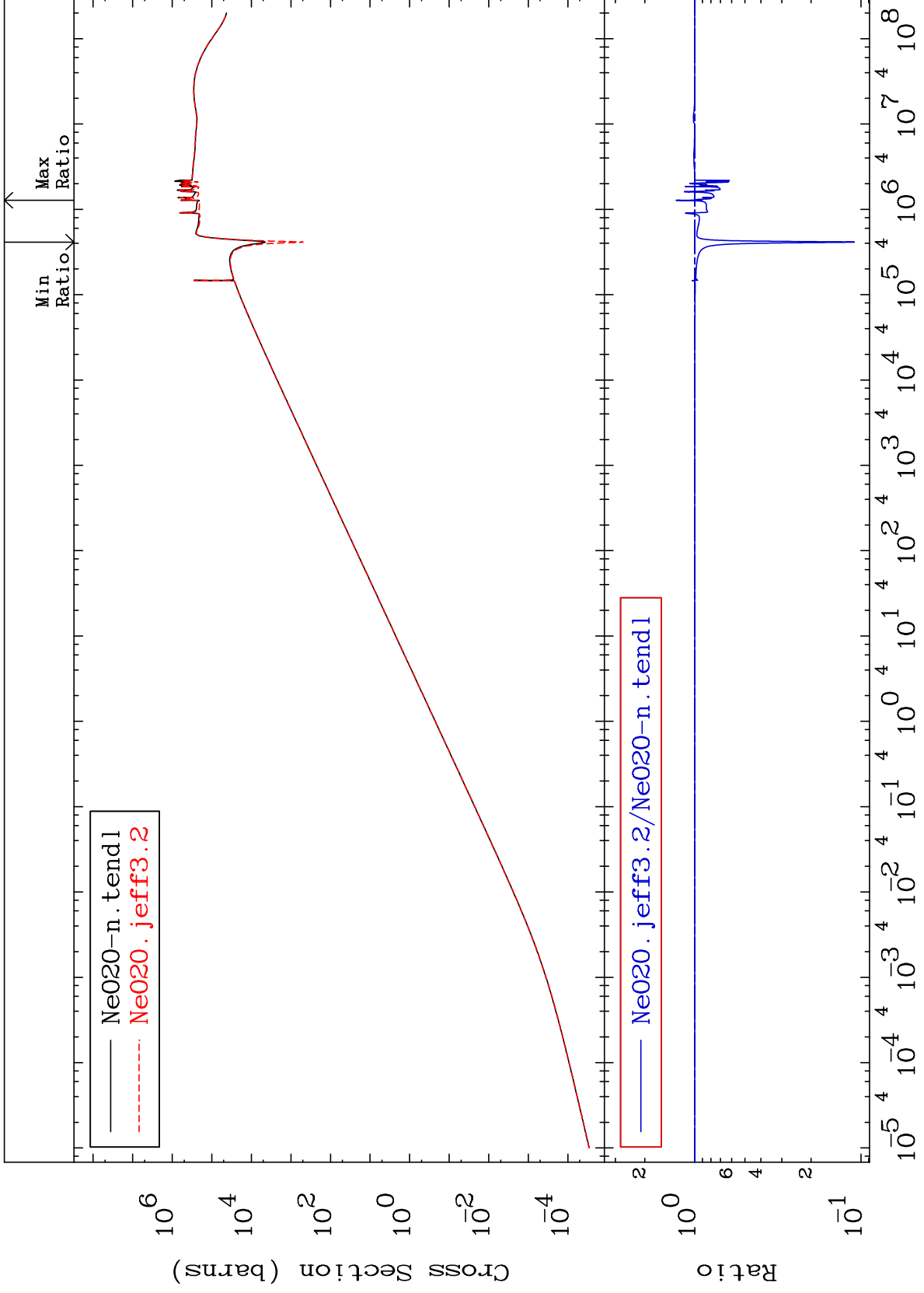
10-Ne-20
-86.64 To 28.09 %



MAT 1025

Kerma elastic
Cross Section

10-Ne-20
-89.02 To 29.07 %



57

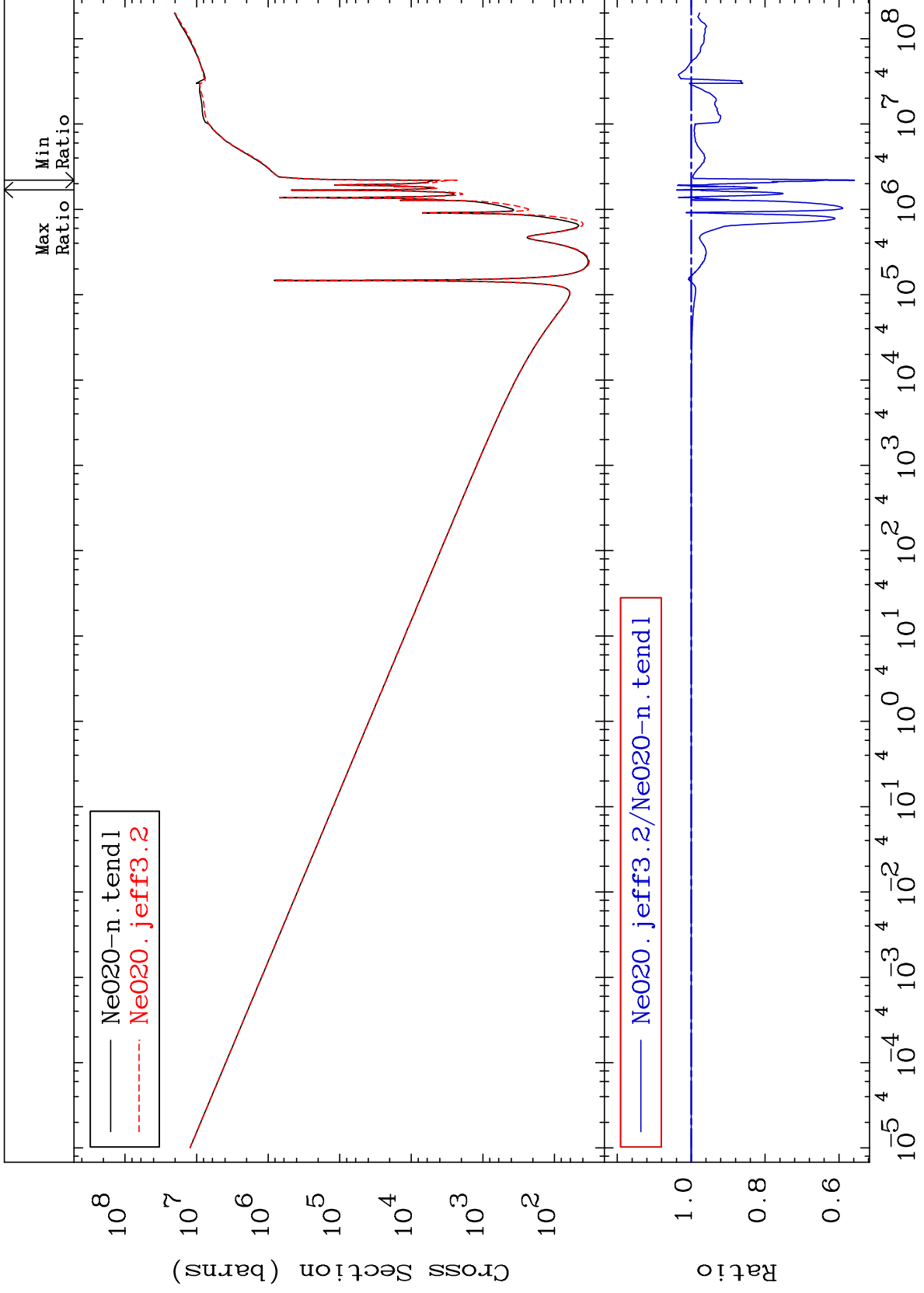
Incident Energy (eV)

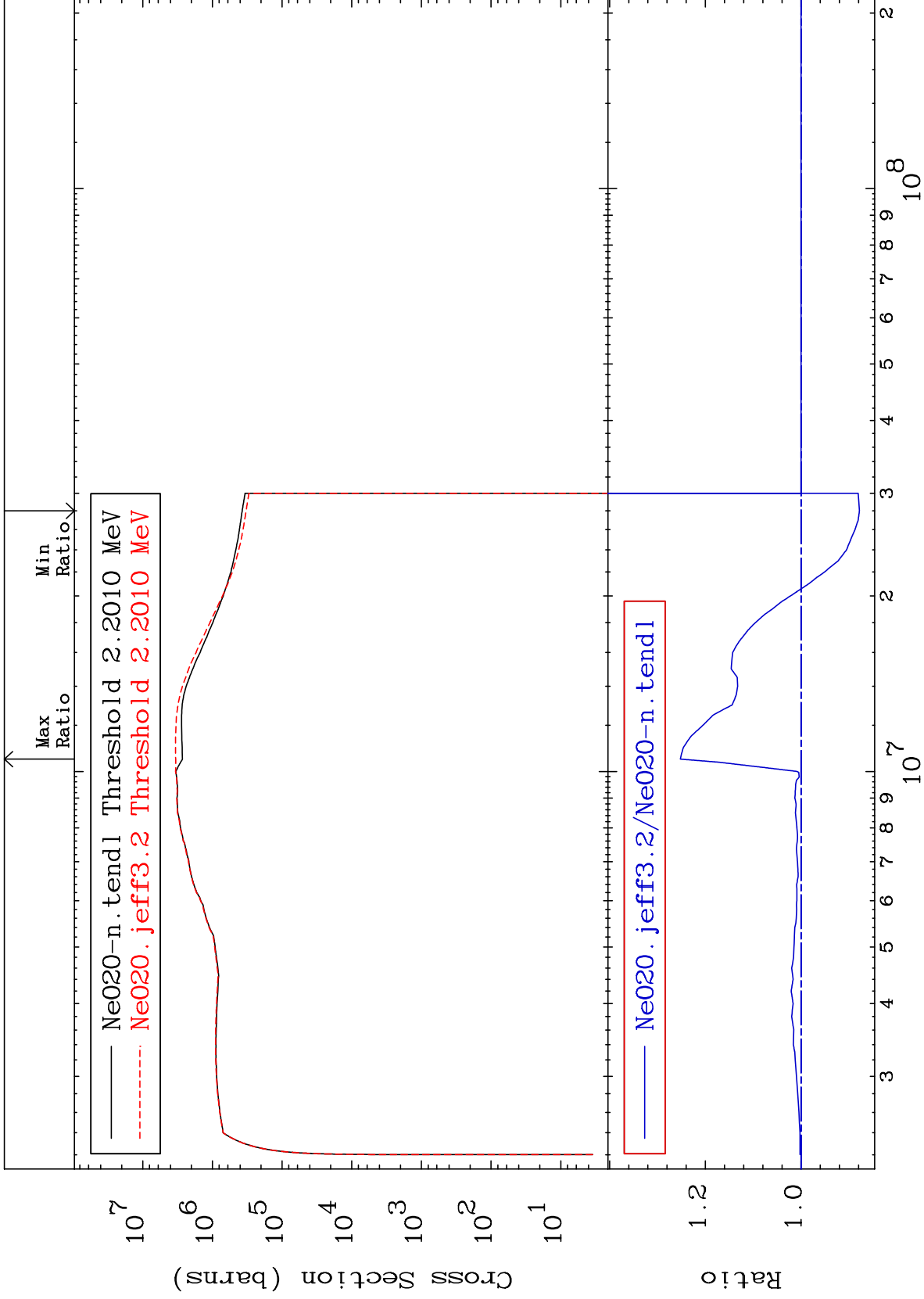
10-Ne-20

MAT 1025

Kerma non-elastic (all but mt2)
Cross Section

10-Ne-20
-44.16 To 4.021 %

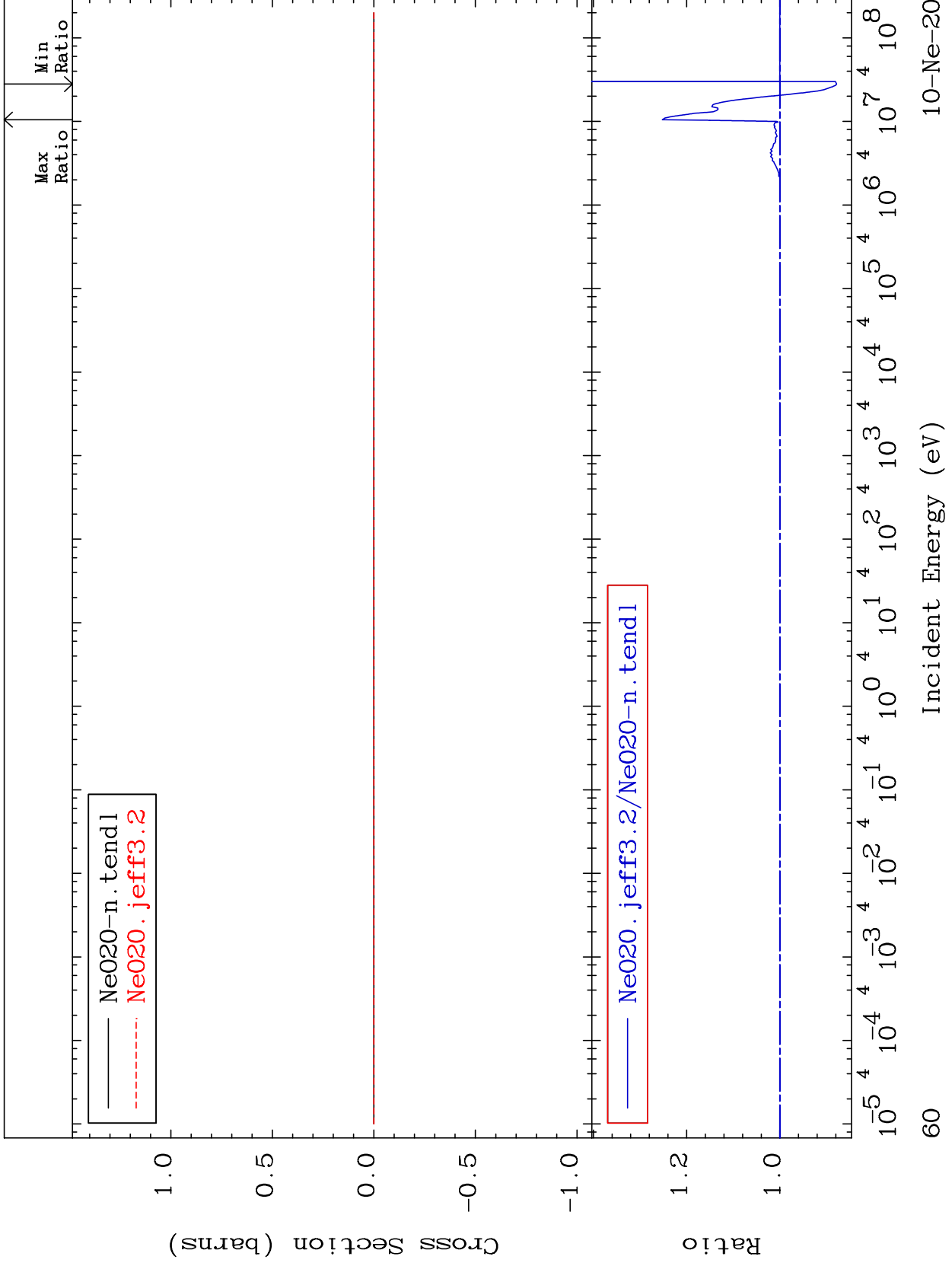




MAT 1025

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

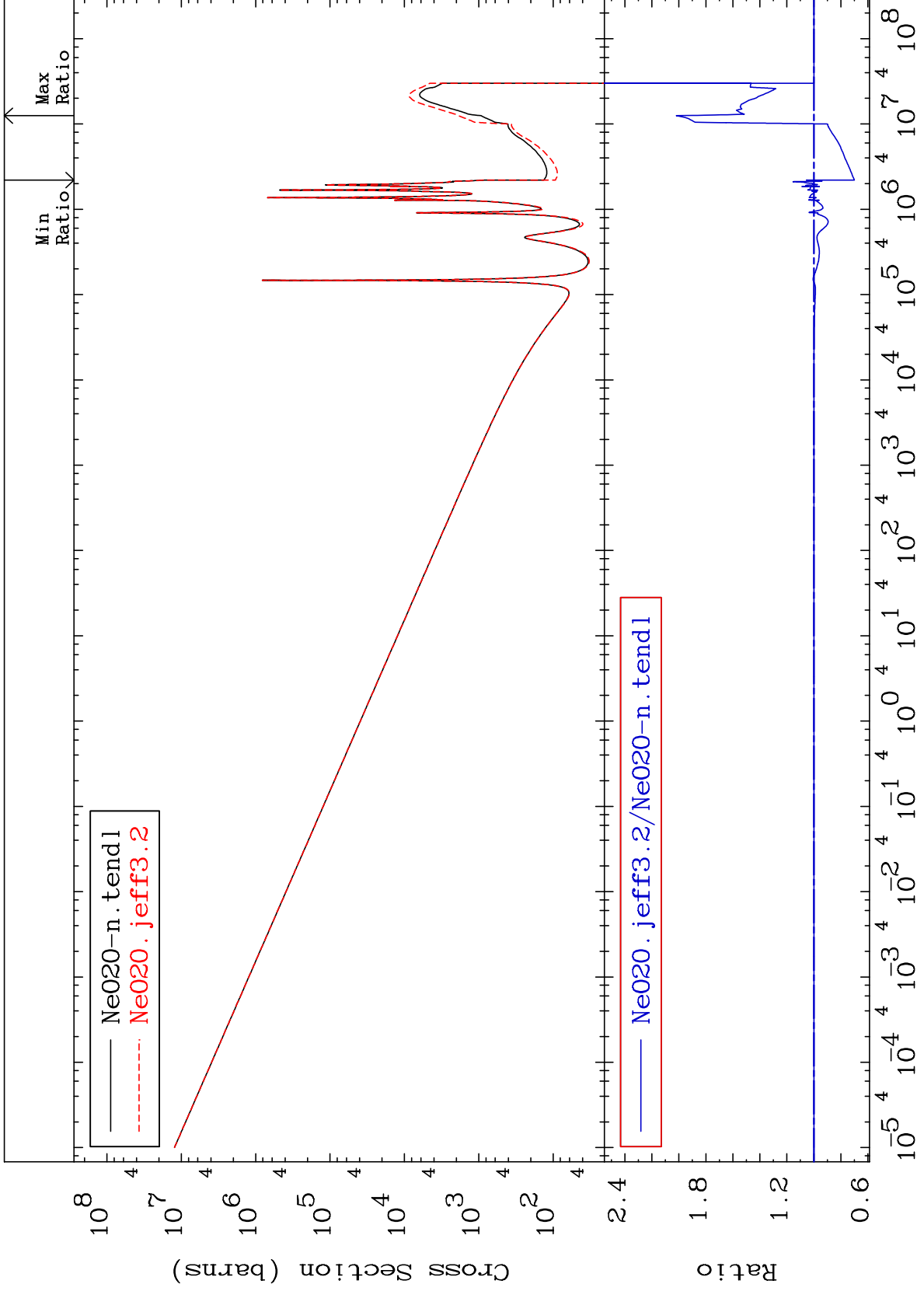
10-Ne-20
-12.17 To 25.22 %



MAT 1025

Kerma capture (mt102)
Cross Section

10-Ne-20
-30.00 To 101.8 %



61

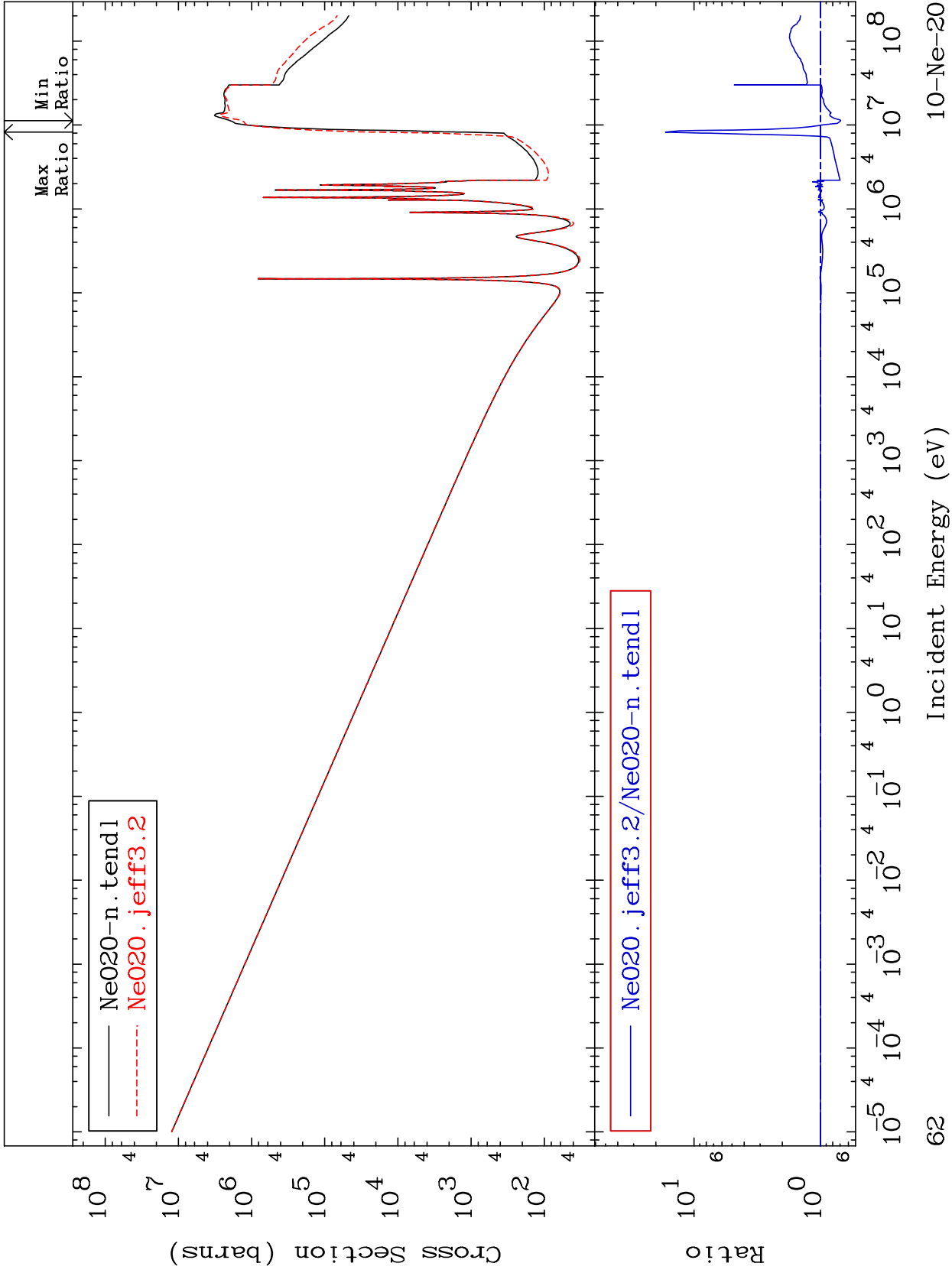
Incident Energy (eV)

10-Ne-20

MAT 1025

Total photon (eV-barns)
Cross Section

10-Ne-20
-30.85 To 1579. %



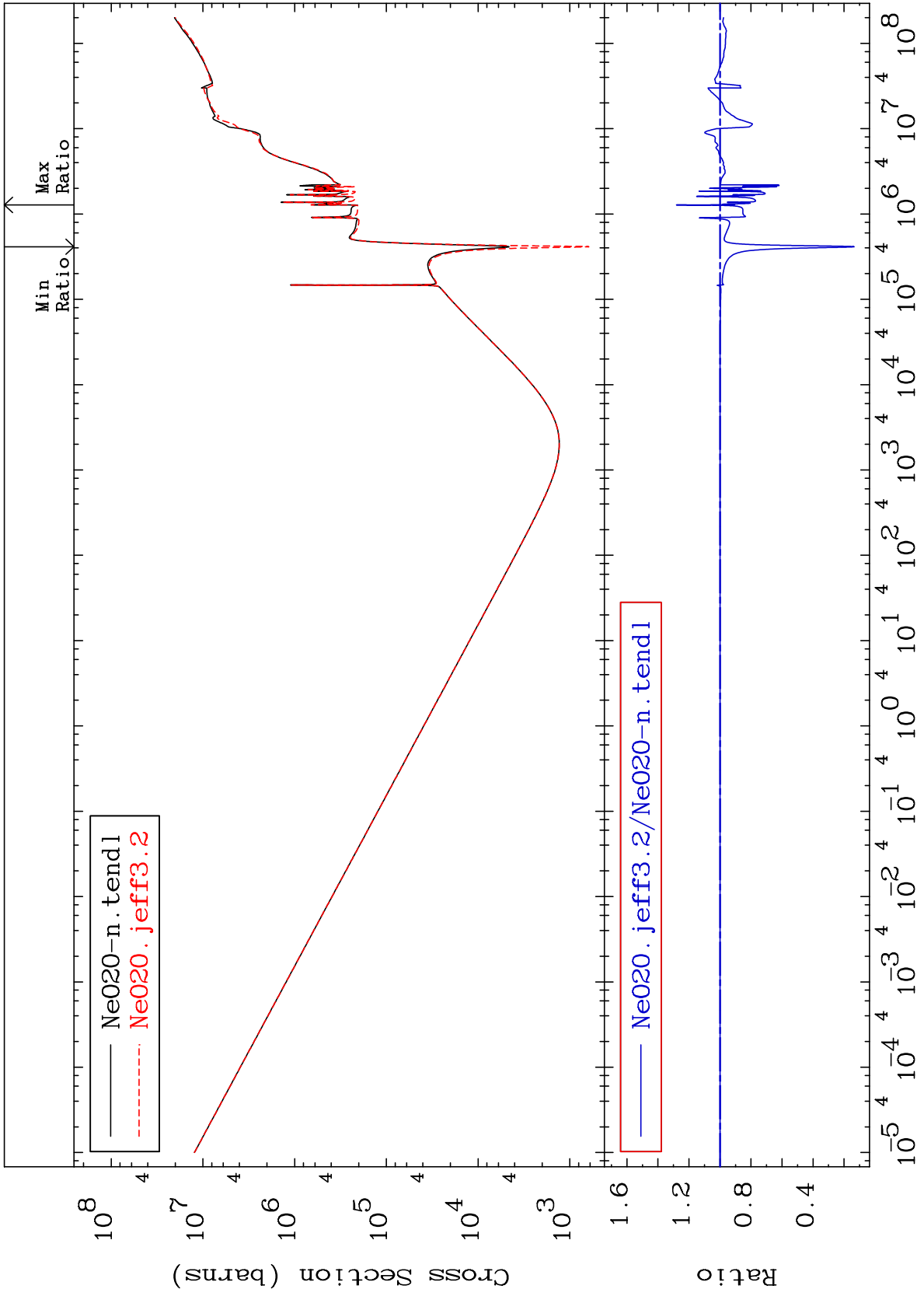
62

10-Ne-20

MAT 1025

Total kinematic kerma (high limit)
Cross Section

10-Ne-20
-86.64 To 28.13 %



63

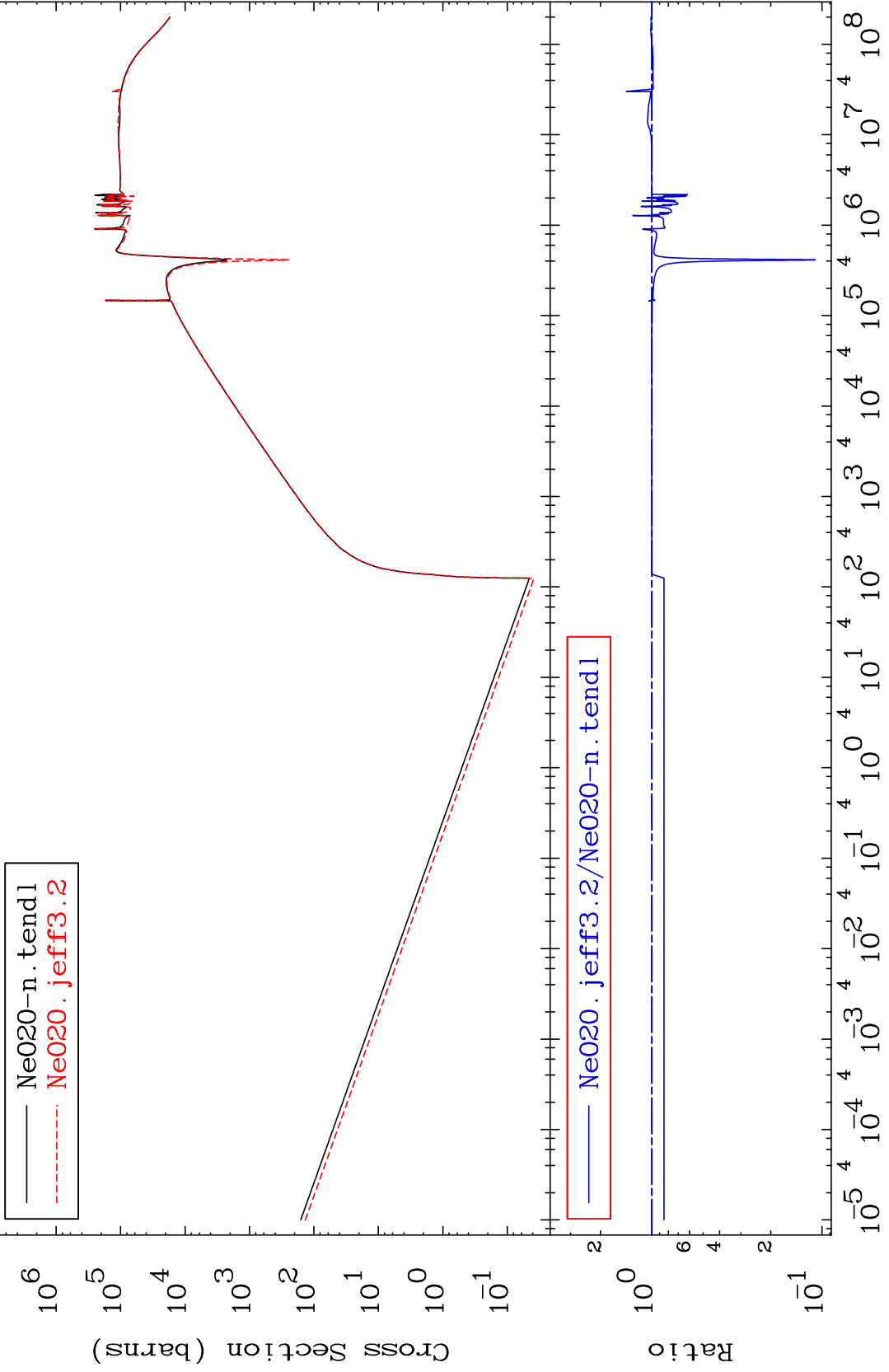
Incident Energy (eV)

10-Ne-20

MAT 1025

Dpa total (eV-barns)
Cross Section

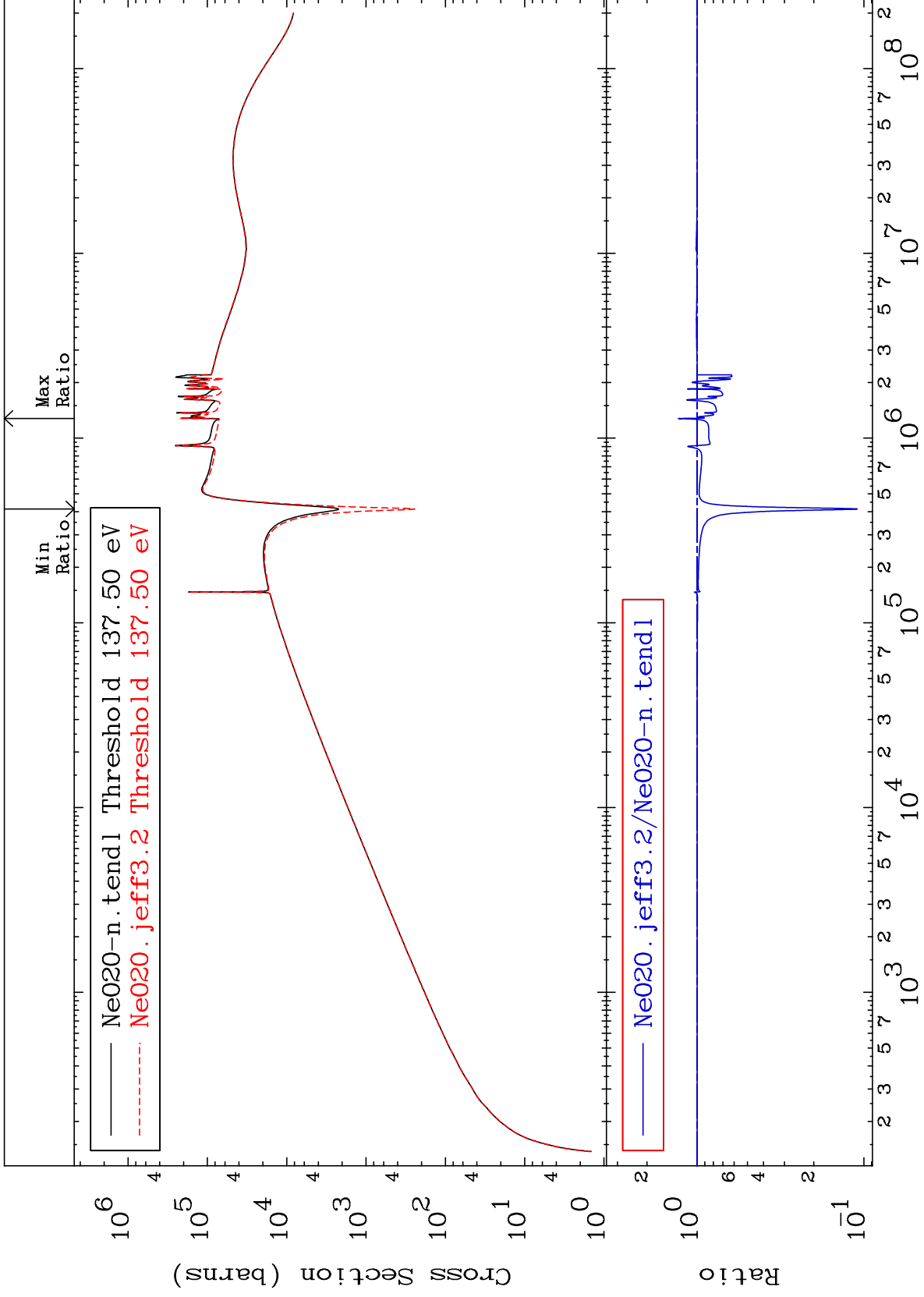
10-Ne-20
-89.02 To 40.91 %



MAT 1025

Dpa elastic (mt2)
Cross Section

10-Ne-20
-89.02 To 29.07 %



MAT 1025

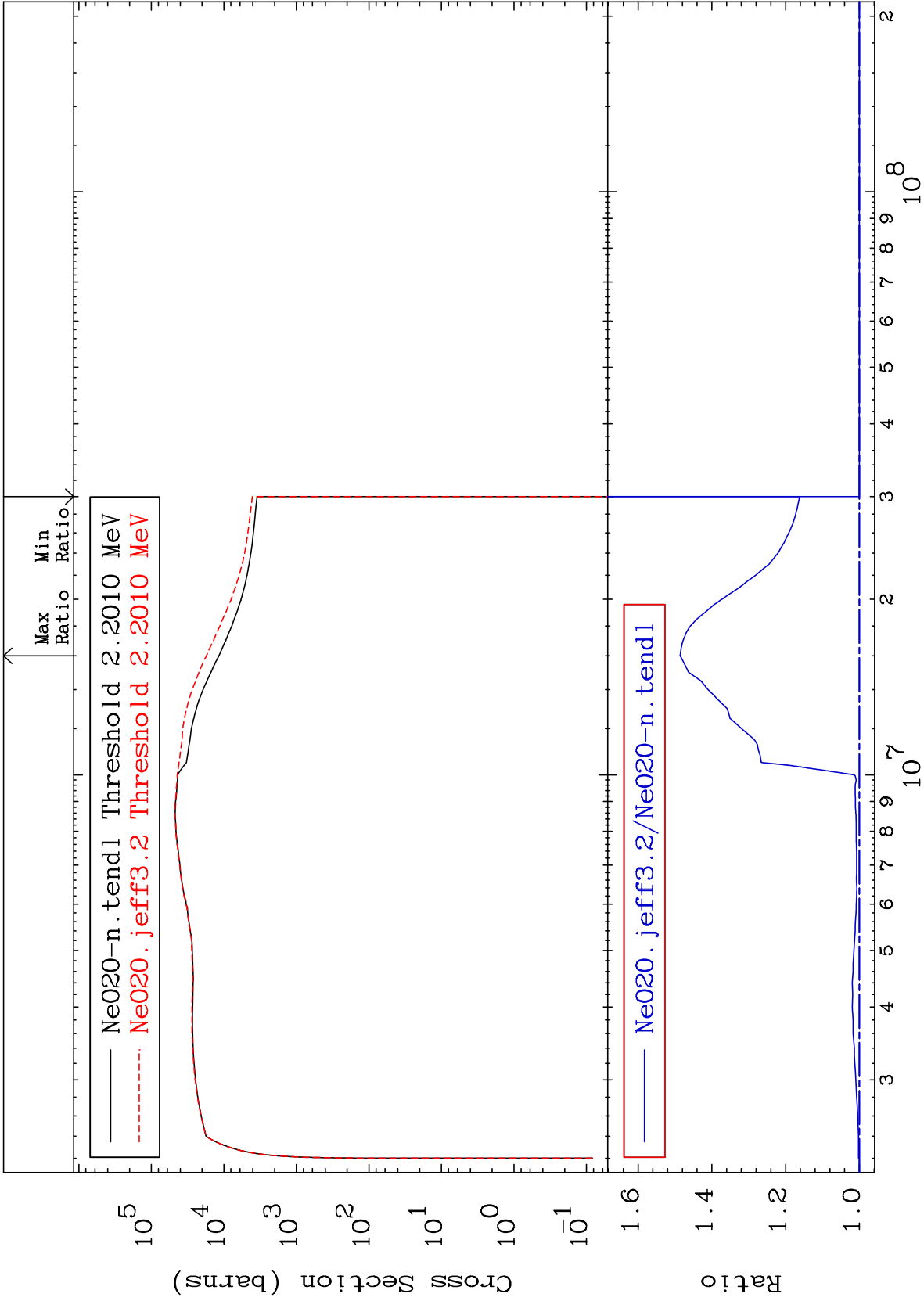
Dpa inelastic (mt51-91)

10-Ne-20

Cross Section

0.000

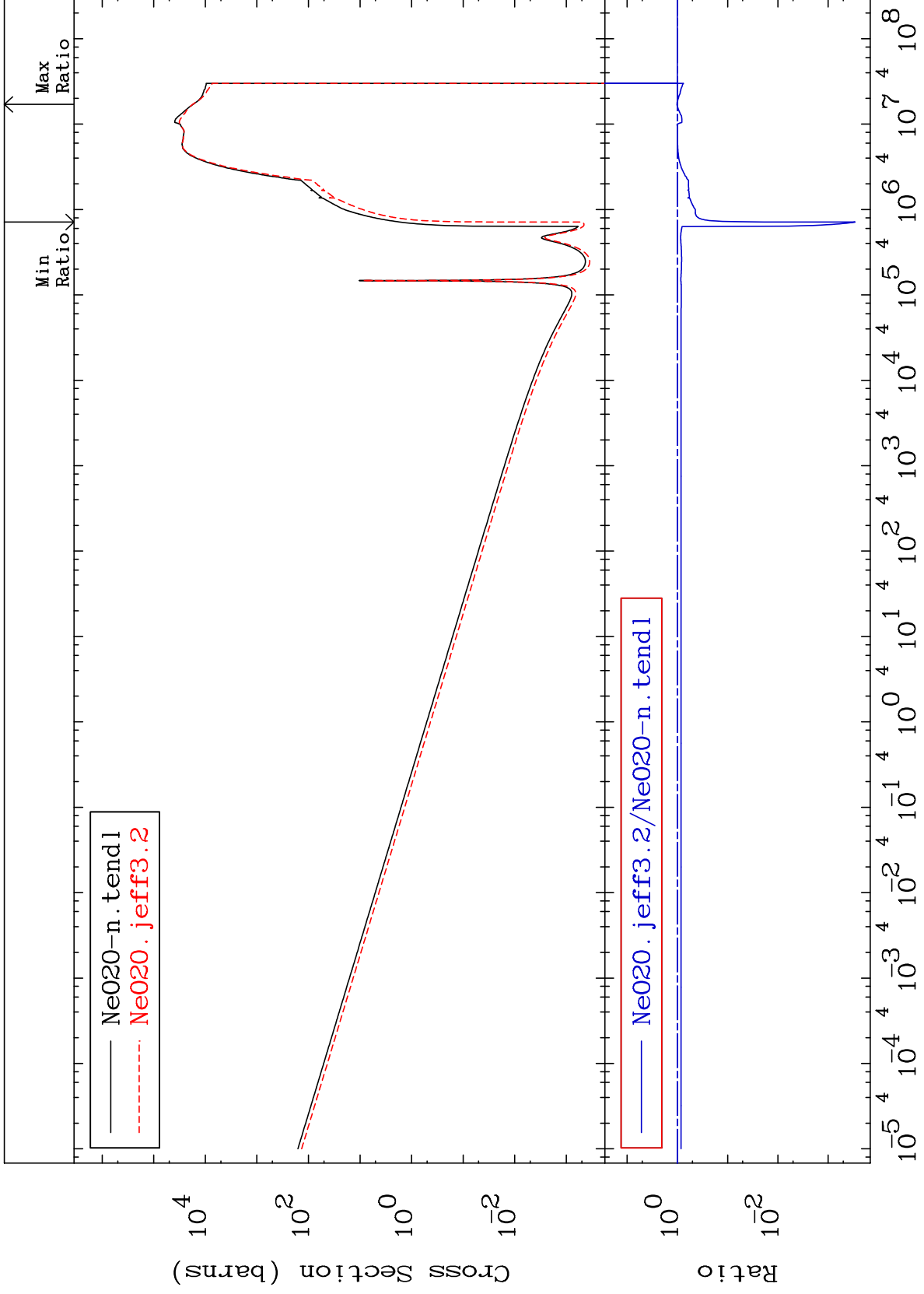
To 48.60 %



MAT 1025

Dpa disappearance (mt102 -120)
Cross Section

10-Ne-20
-99.97 To 2.114 %



67

Incident Energy (eV)

10-Ne-20