

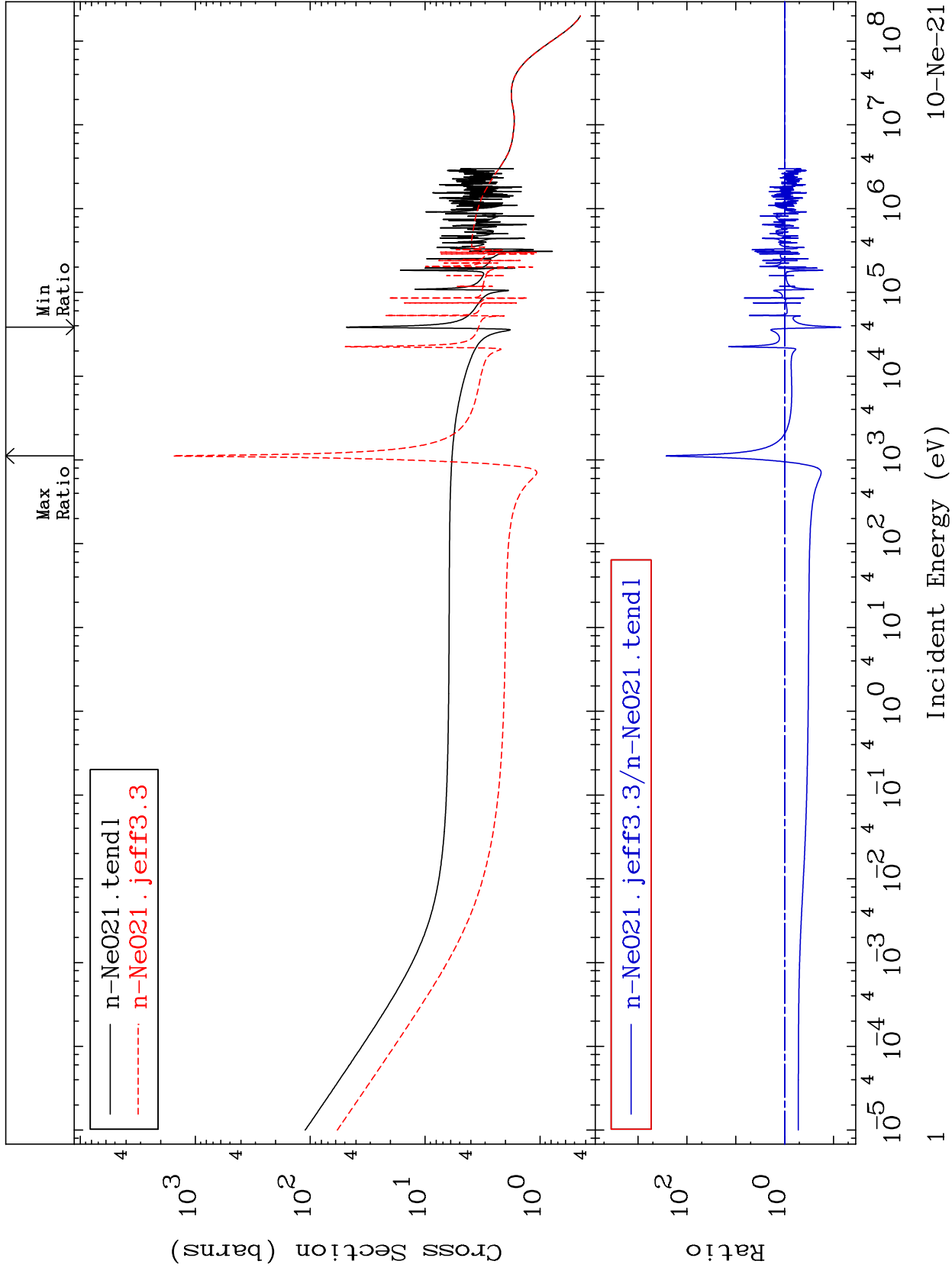
MAT 1028

Total

10-Ne-21

Cross Section

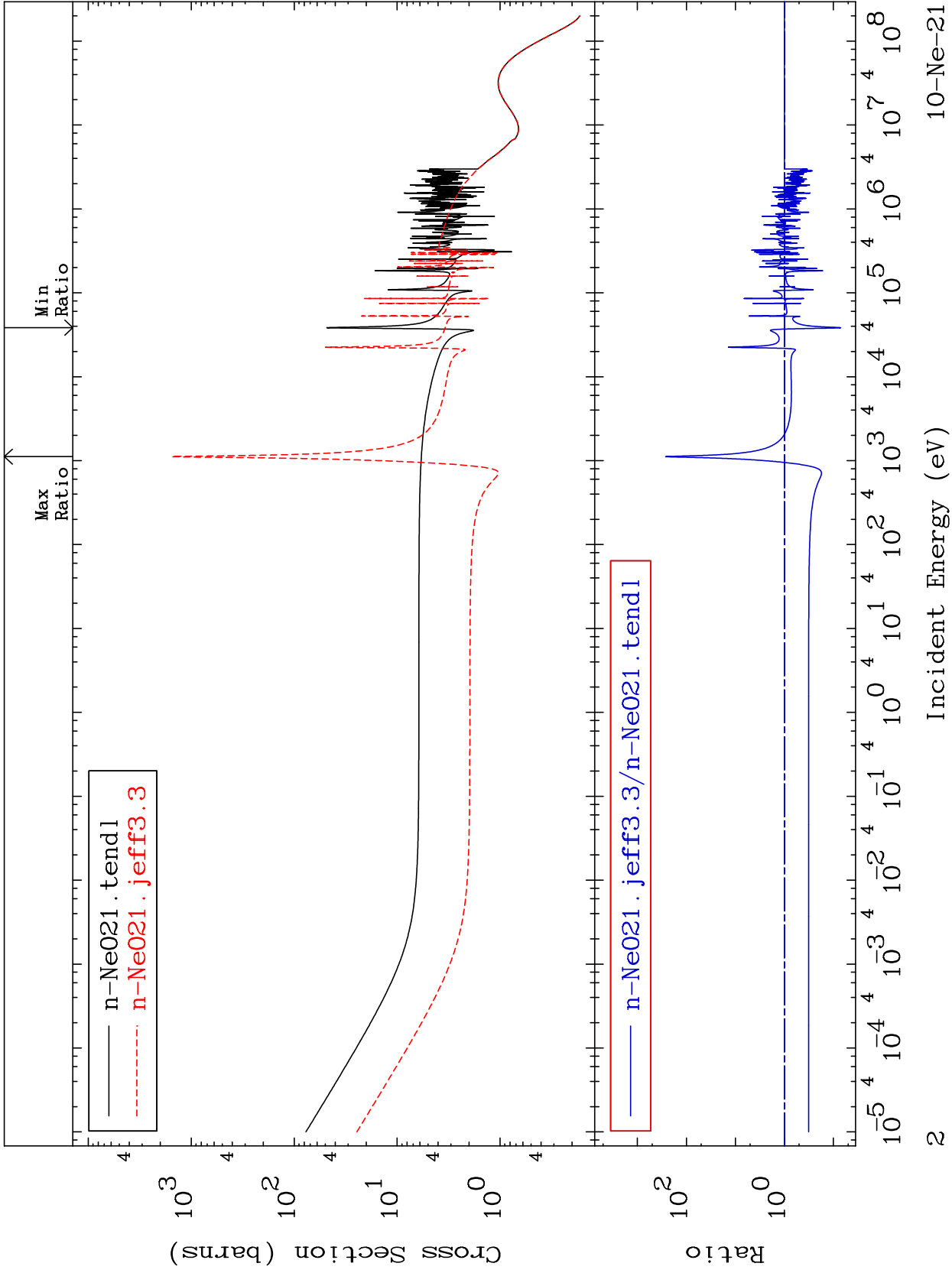
-92.91 To 9999. %



MAT 1028

Elastic
Cross Section

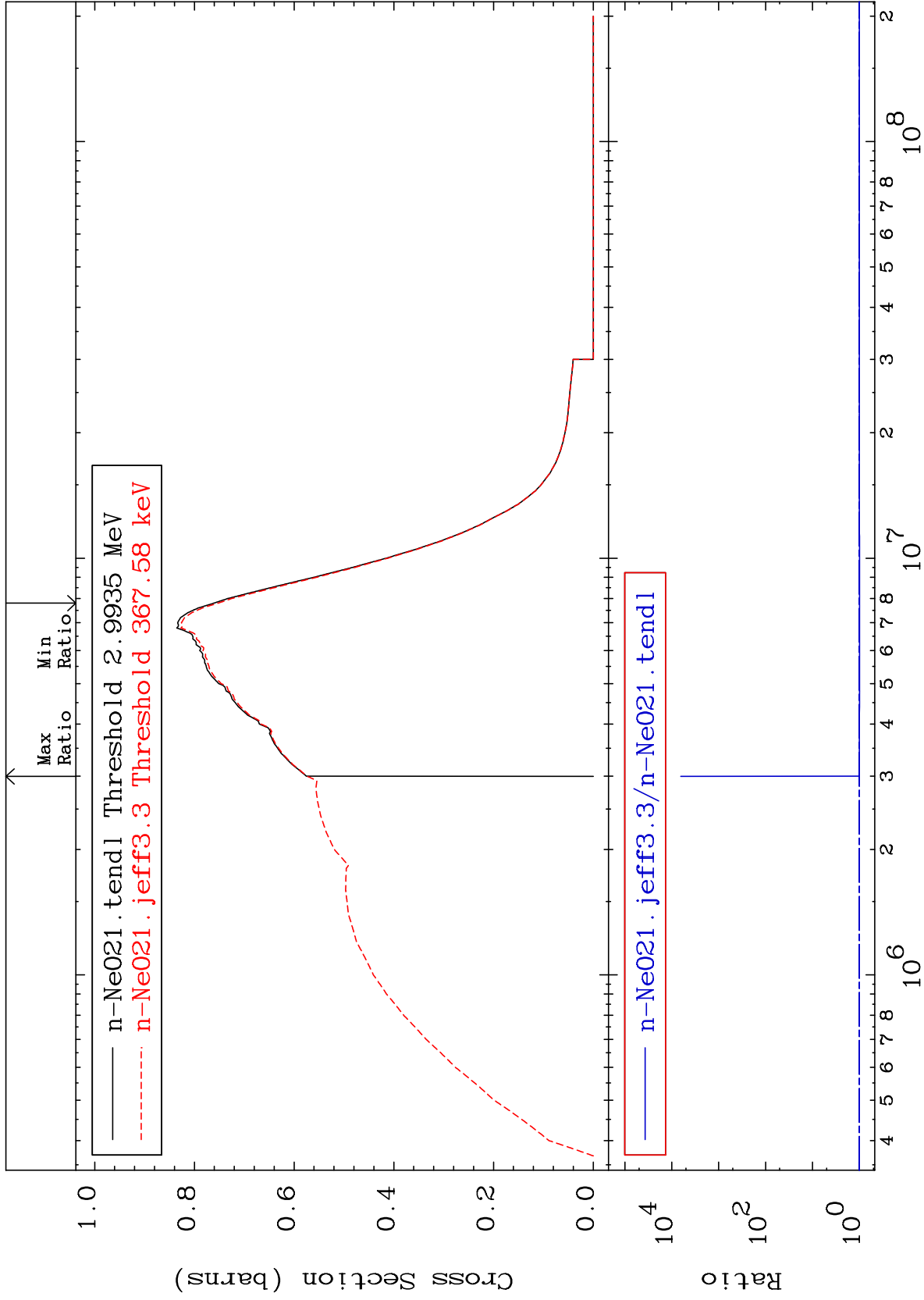
10-Ne-21
-92.91 To 9999. %



MAT 1028

Inelastic
Cross Section

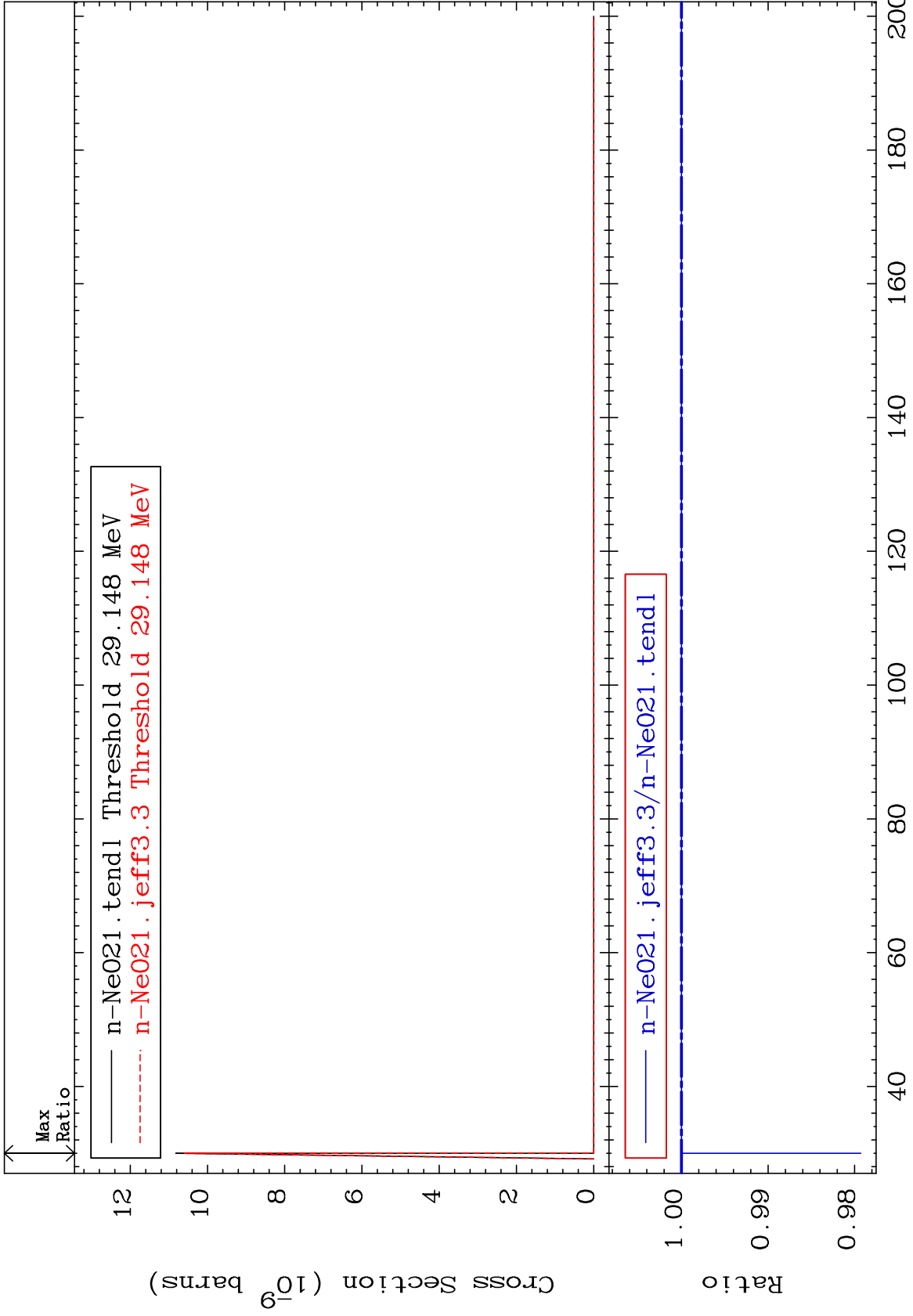
10-Ne-21
-1.086 To 9999. %



MAT 1028

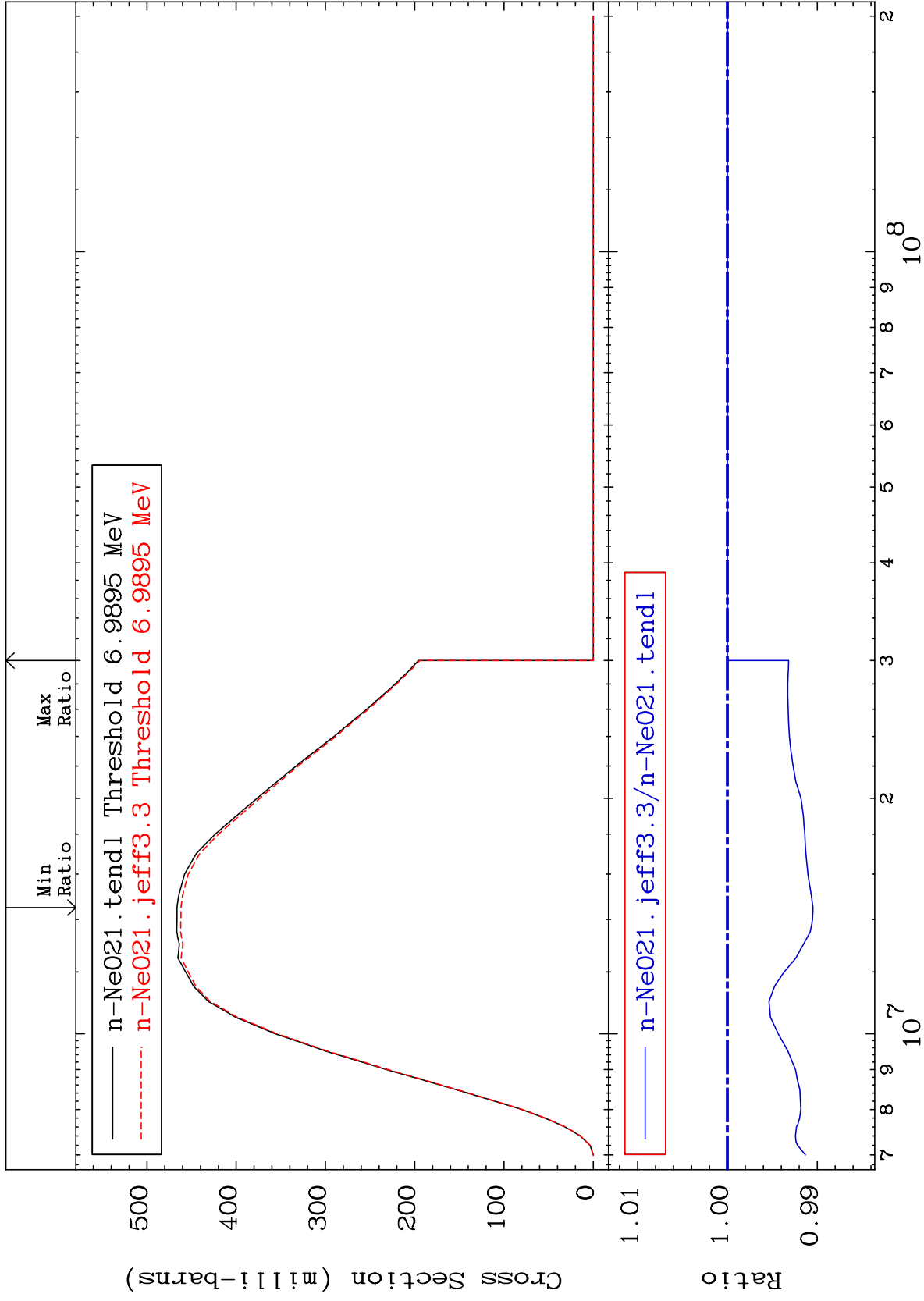
(n,2n) d
Cross Section

10-Ne-21
-2.072 To 0.000 %



MAT 1028

(n,2n) Cross Section
10-Ne-21
-0.953 To 0.000 %



5

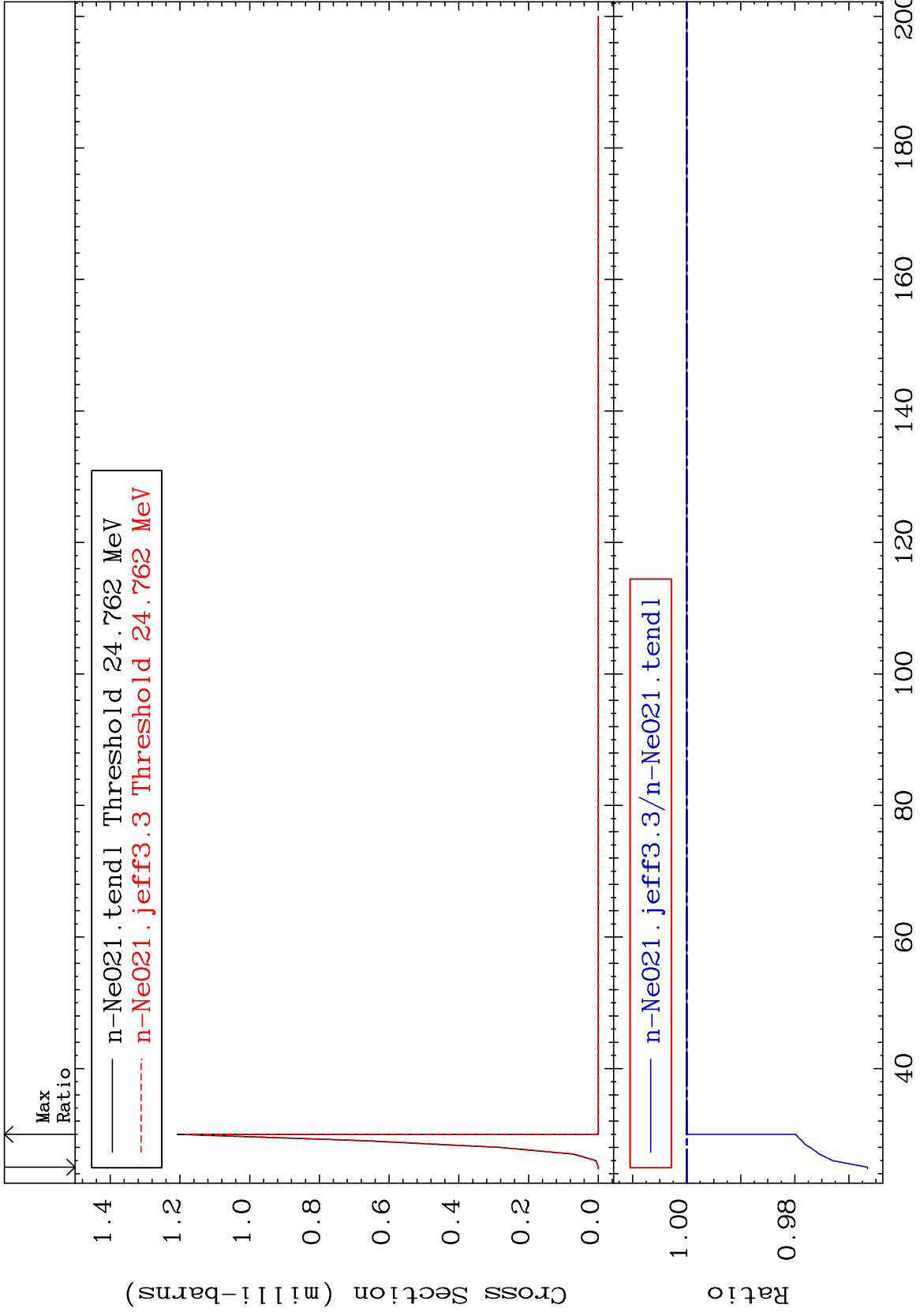
Incident Energy (eV)

10-Ne-21

MAT 1028

(n,3n)
Cross Section

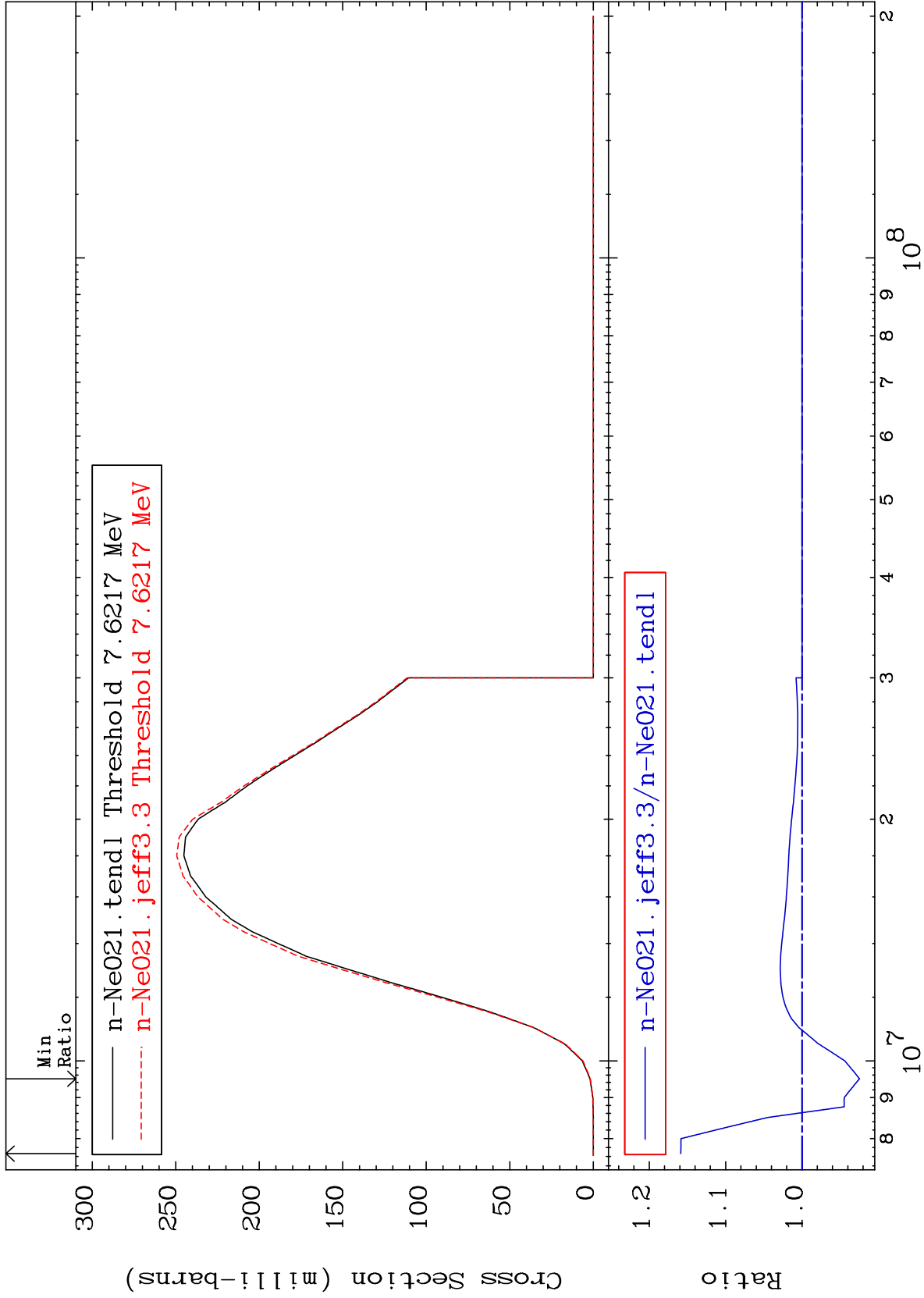
10-Ne-21
-3.344 To 0.000 %



MAT 1028

(n, n') α
Cross Section

10-Ne-21
-7.530 To 15.87 %



7

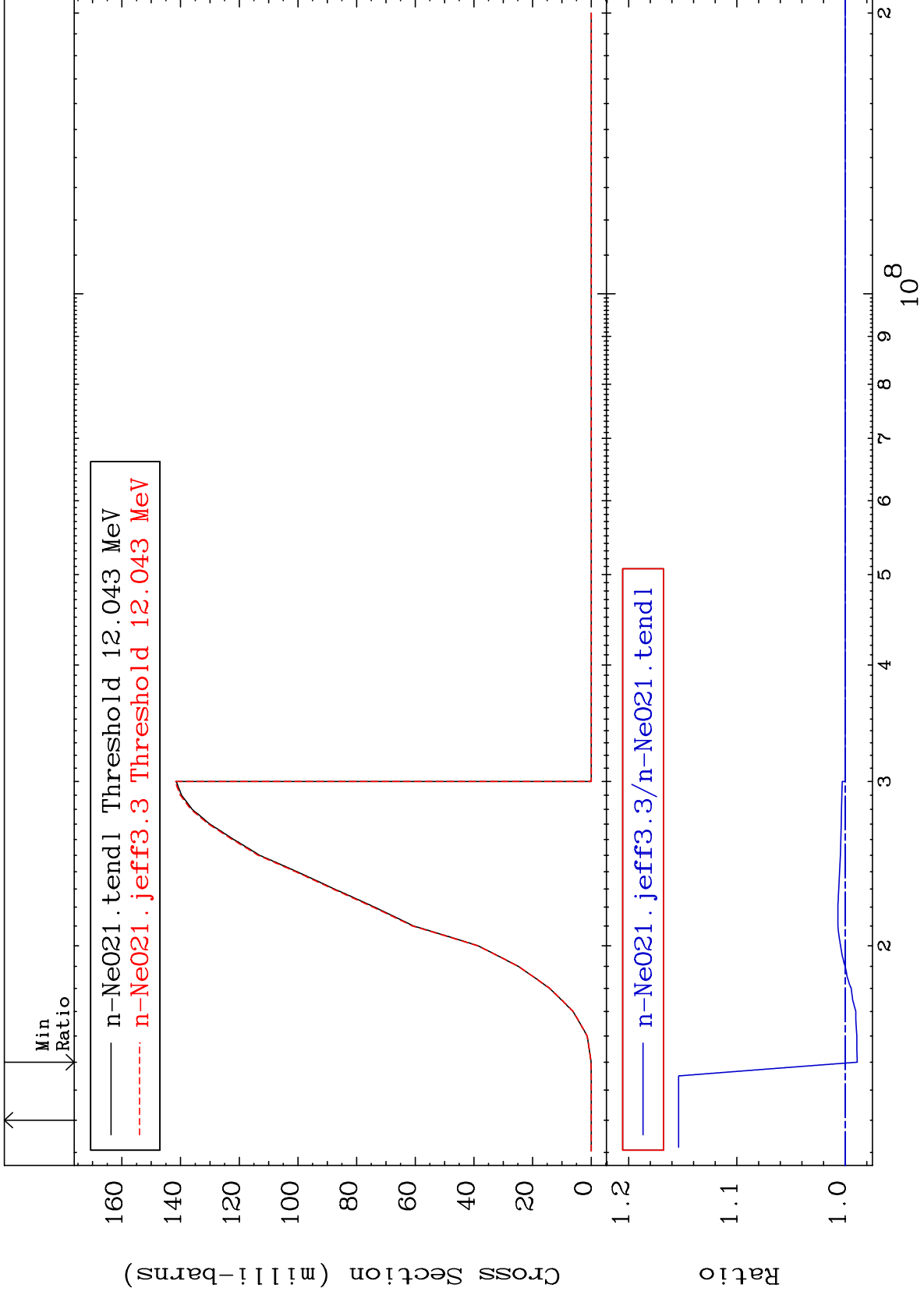
Incident Energy (eV)

10-Ne-21

MAT 1028

(n,2n) α
Cross Section

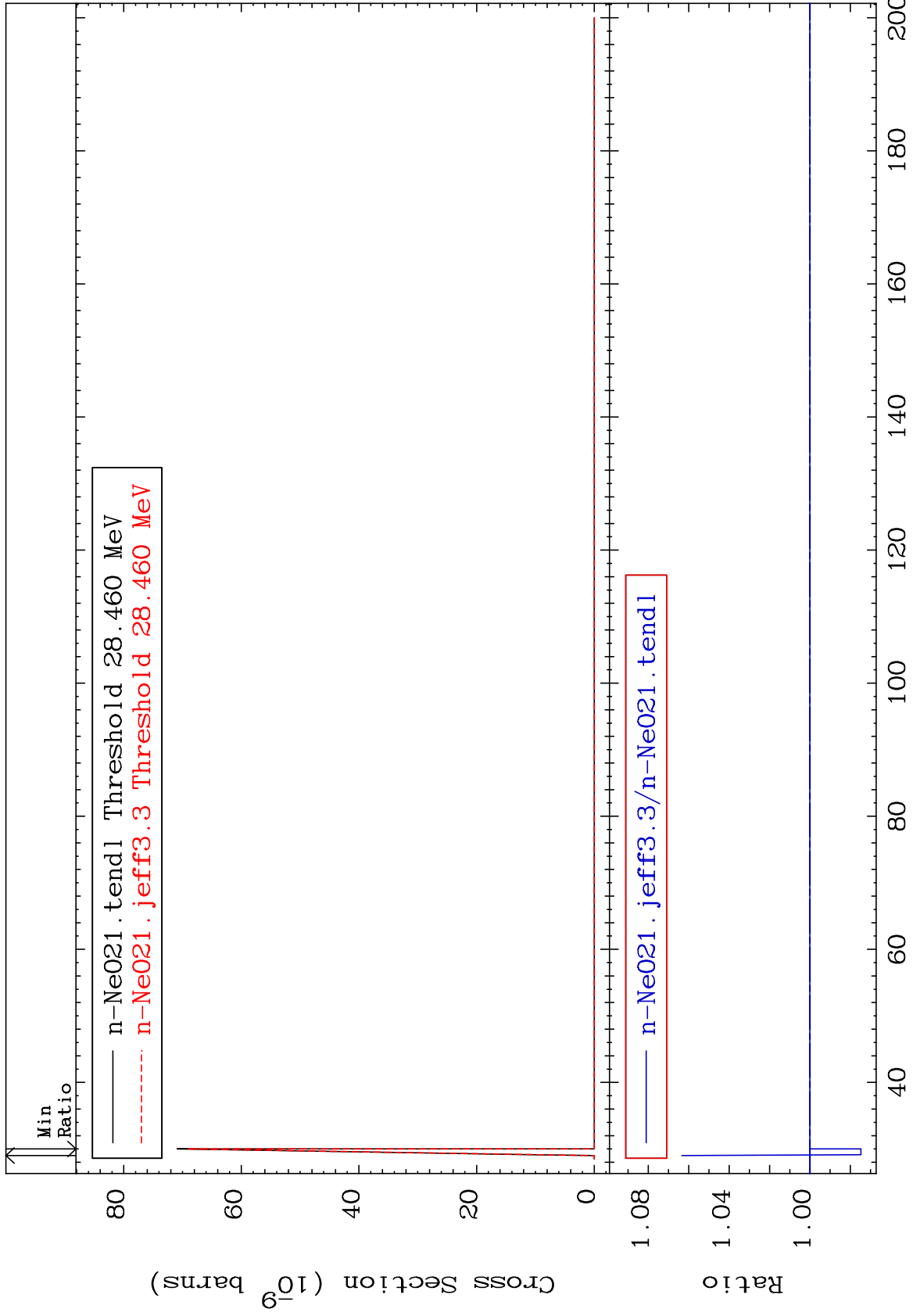
10-Ne-21
-1.110 To 15.38 %



MAT 1028

(n,3n) α
Cross Section

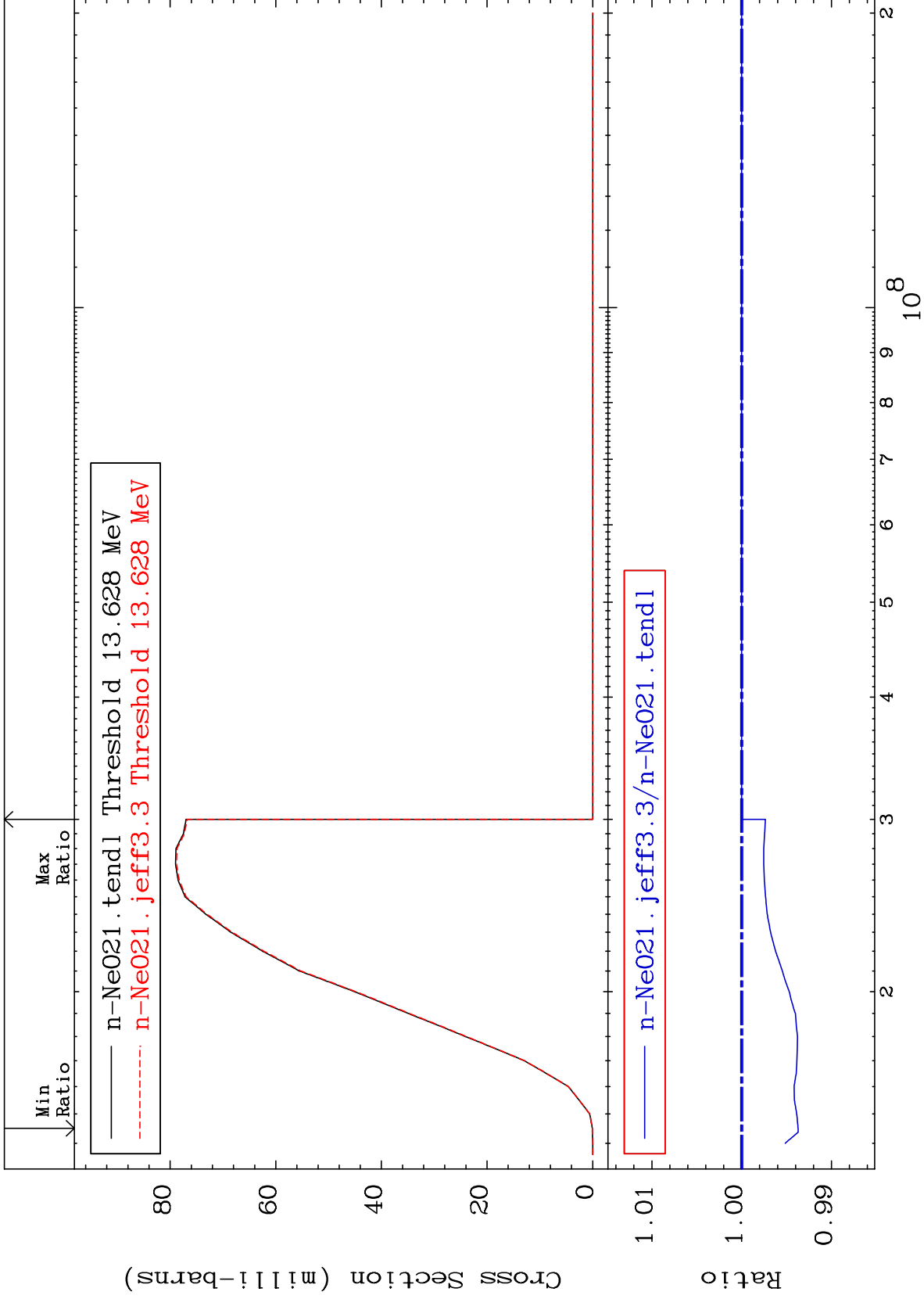
10-Ne-21
-2.522 To 6.335 %



MAT 1028

(n,n') p
Cross Section

10-Ne-21
-0.628 To 0.000 %



10

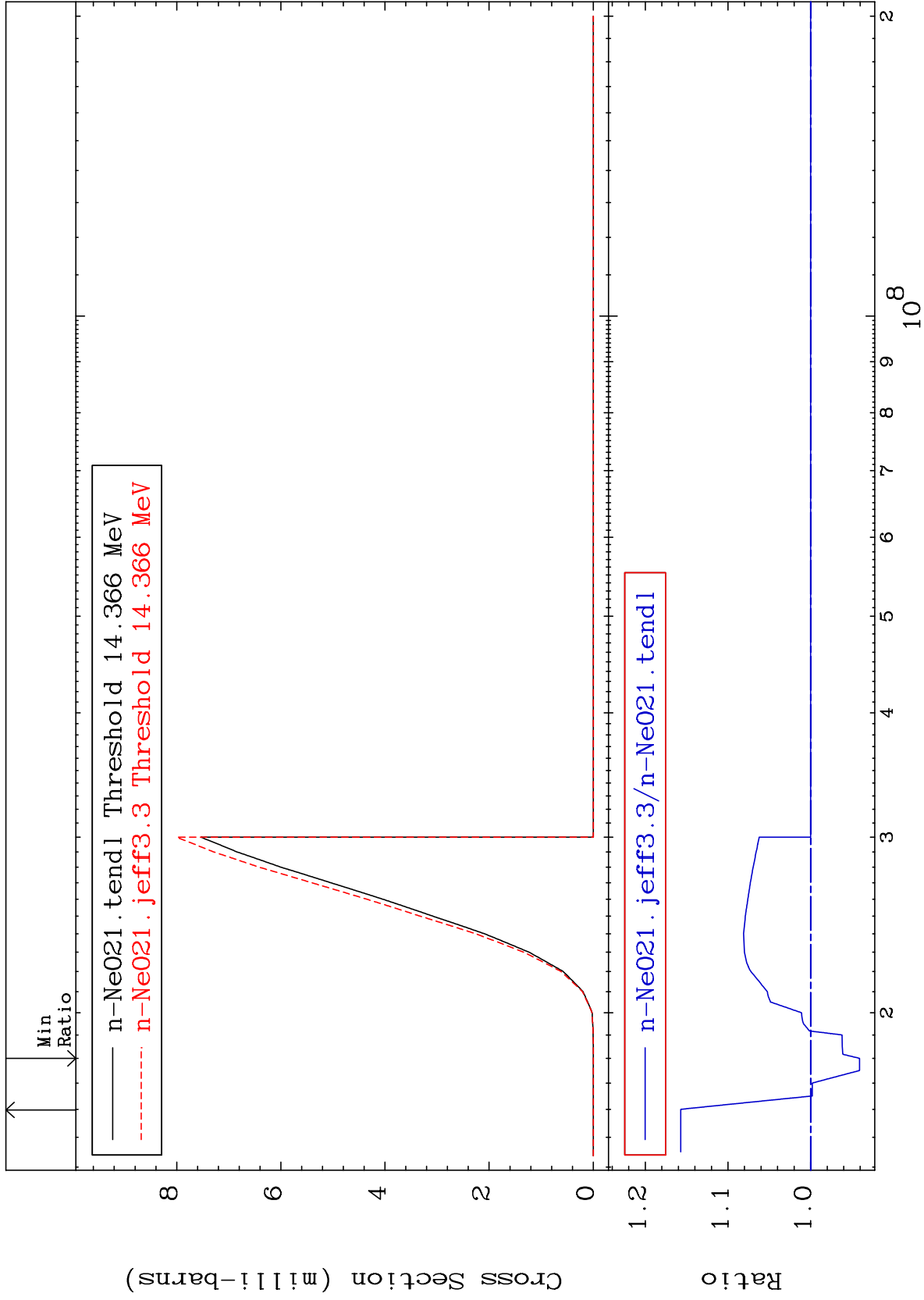
Incident Energy (eV)

10-Ne-21

MAT 1028

(n, n') 2α
Cross Section

10-Ne-21
-5.912 To 15.71 %



11

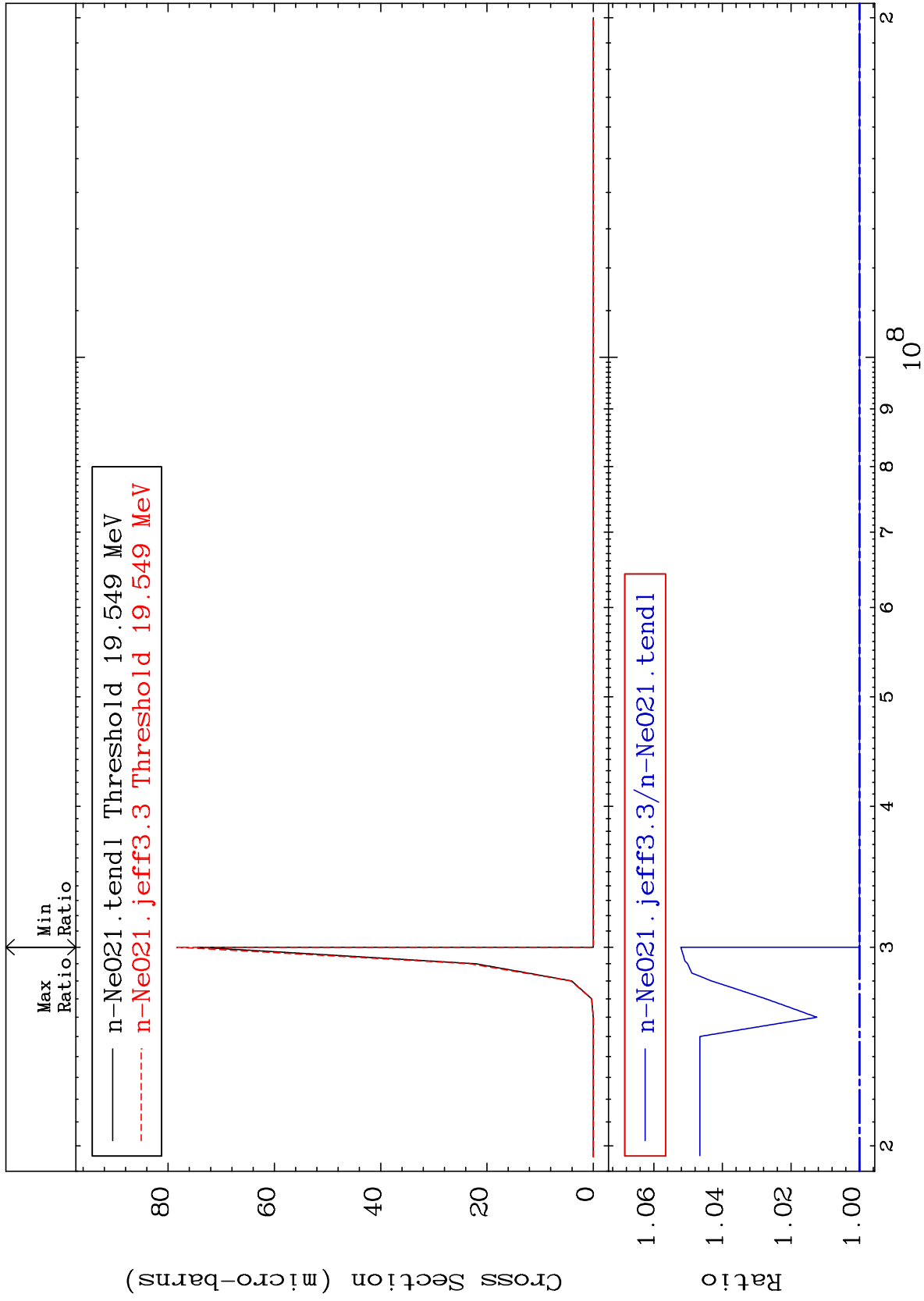
Incident Energy (eV)

10-Ne-21

MAT 1028

(n,2n) 2α
Cross Section

10-Ne-21
To 5.215 %



12

10-Ne-21

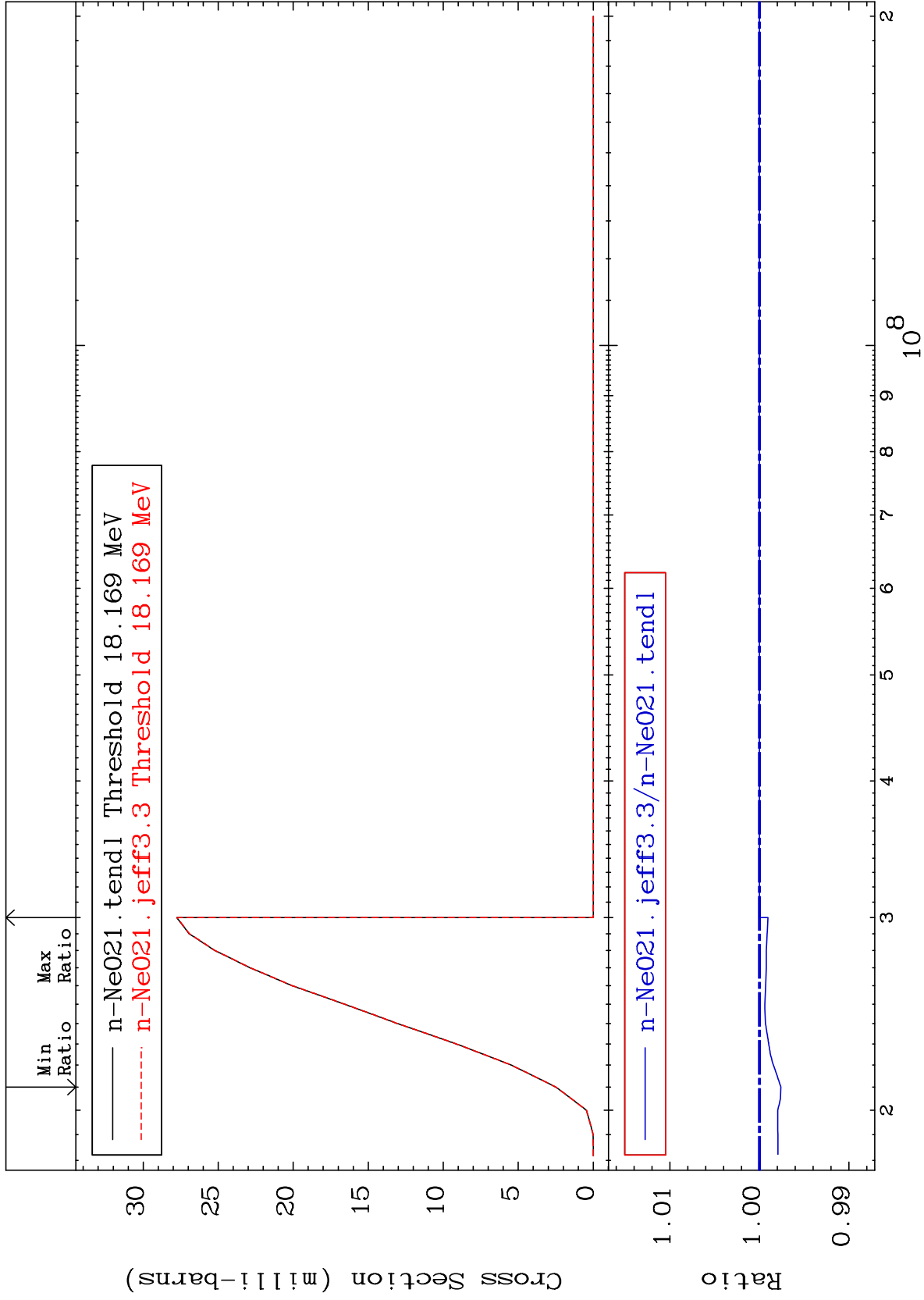
MAT 1028

(n, n') d

10-Ne-21

Cross Section

-0.240 To 0.000 %



13

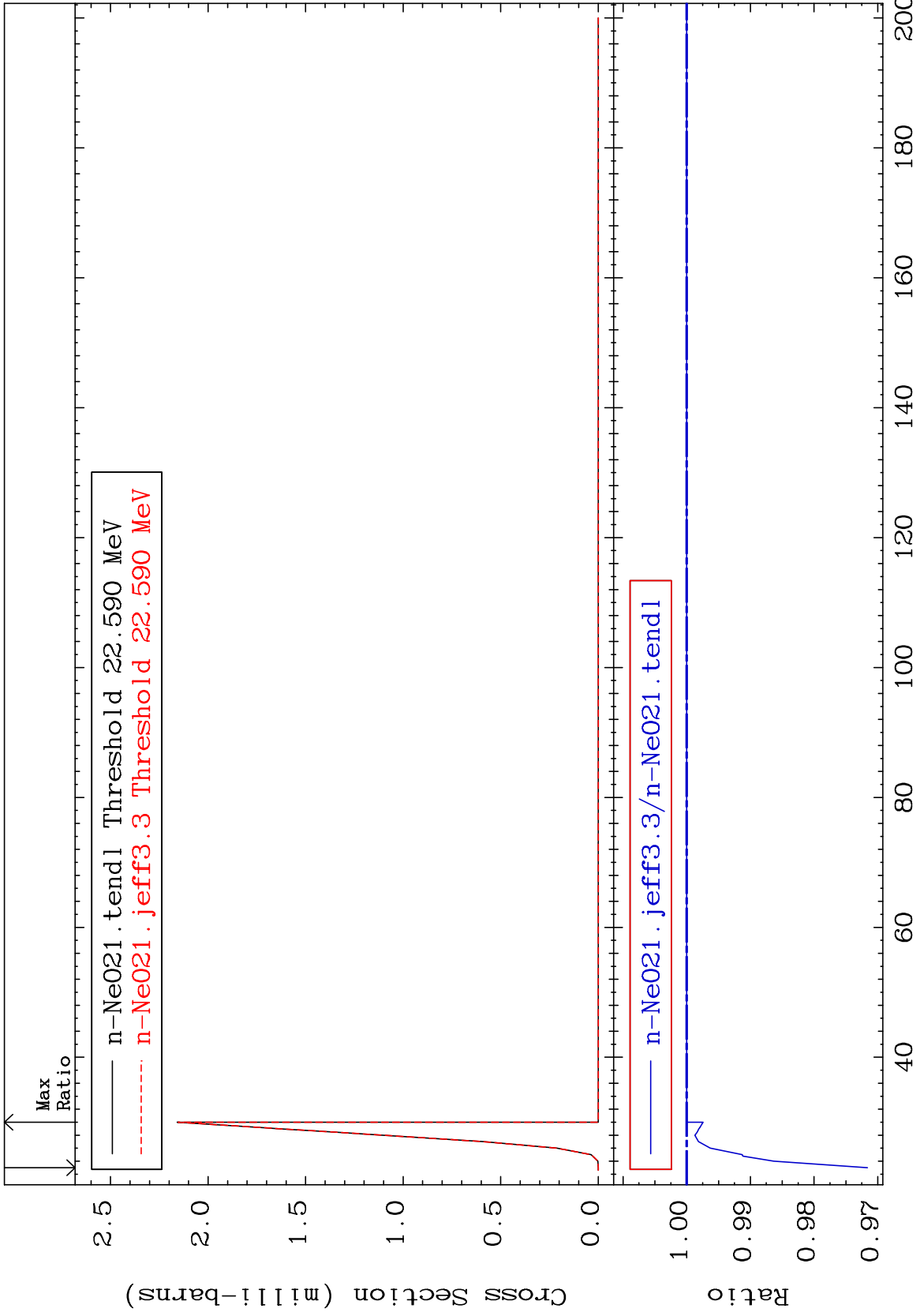
10-Ne-21

10-Ne-21

MAT 1028

(n,n') t
Cross Section

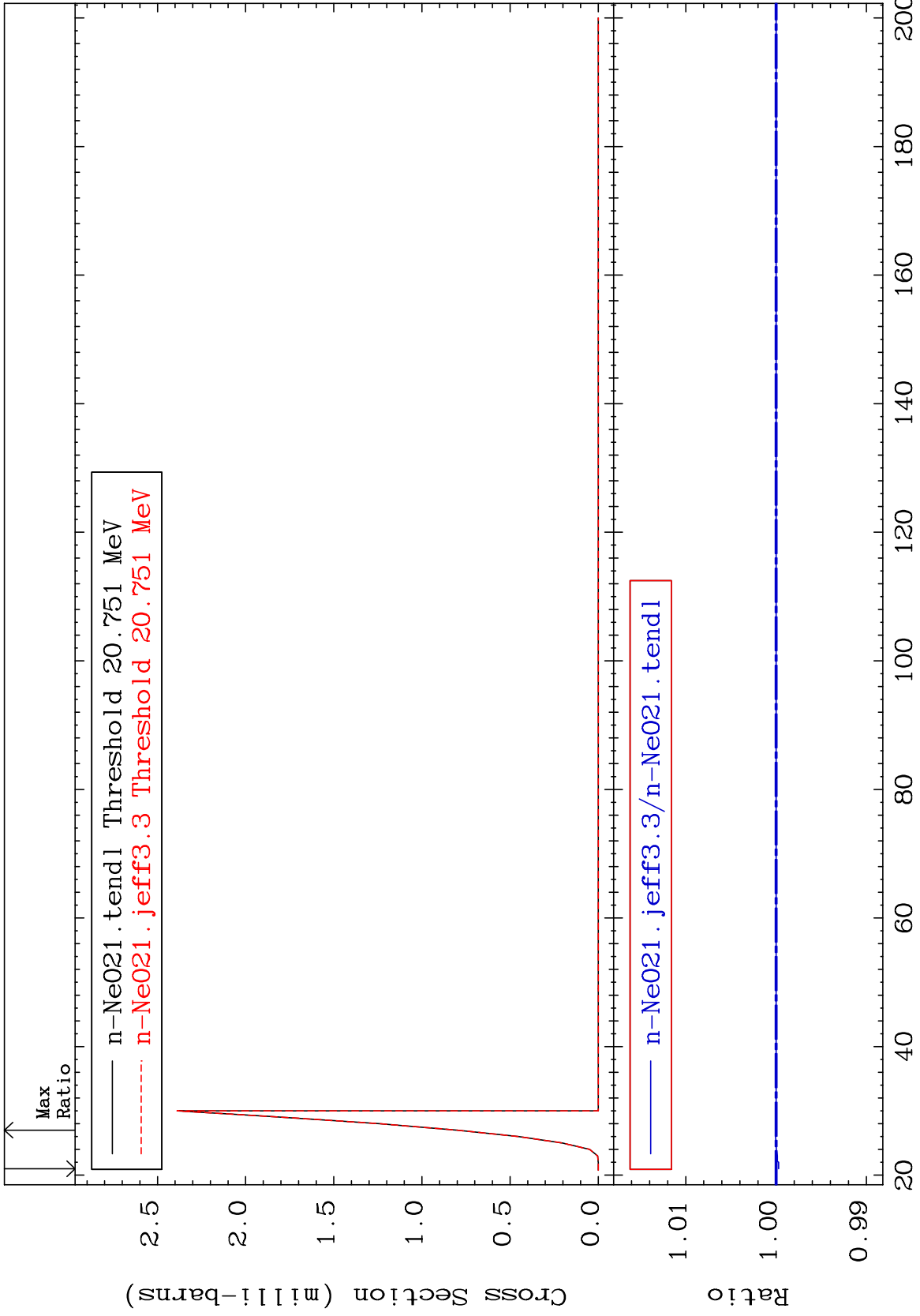
10-Ne-21
-2.838 To 0.000 %



MAT 1028

(n,n') He-3
Cross Section

10-Ne-21
-0.029 To 0.007 %



15

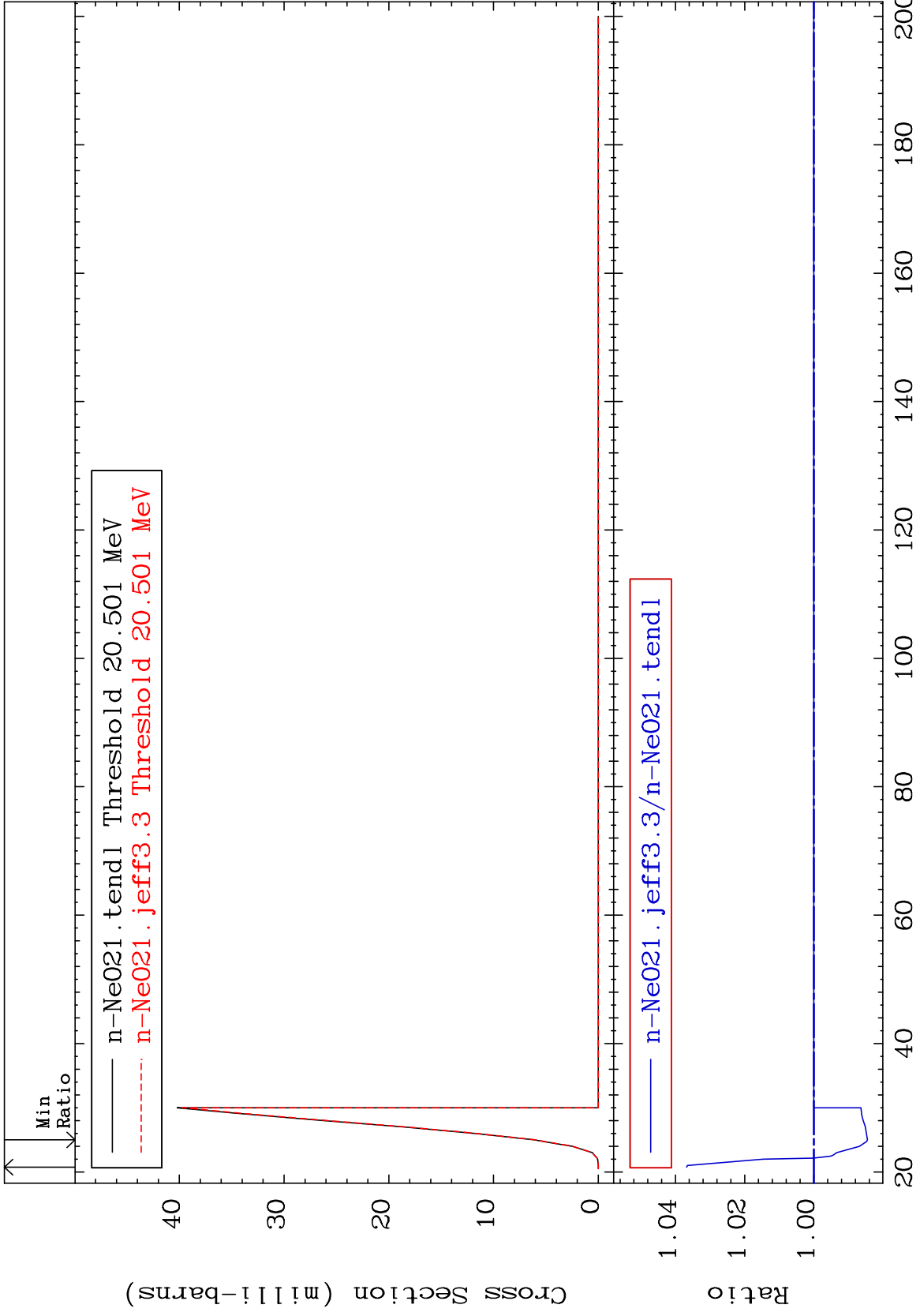
Incident Energy (MeV)

10-Ne-21

MAT 1028

(n,2n) p
Cross Section

10-Ne-21
-1.548 To 3.674 %



16

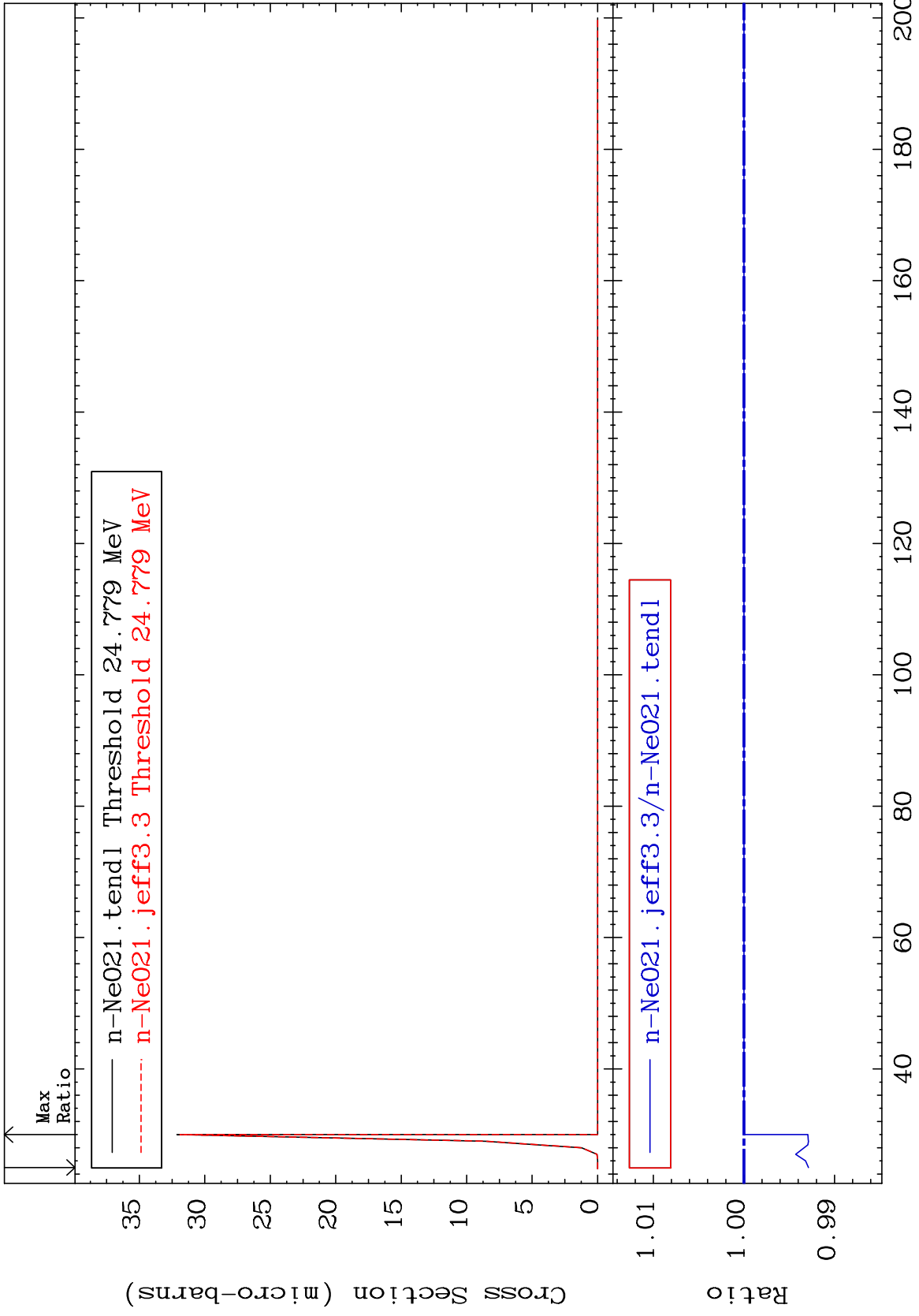
Incident Energy (MeV)

10-Ne-21

MAT 1028

(n,2n) p
Cross Section

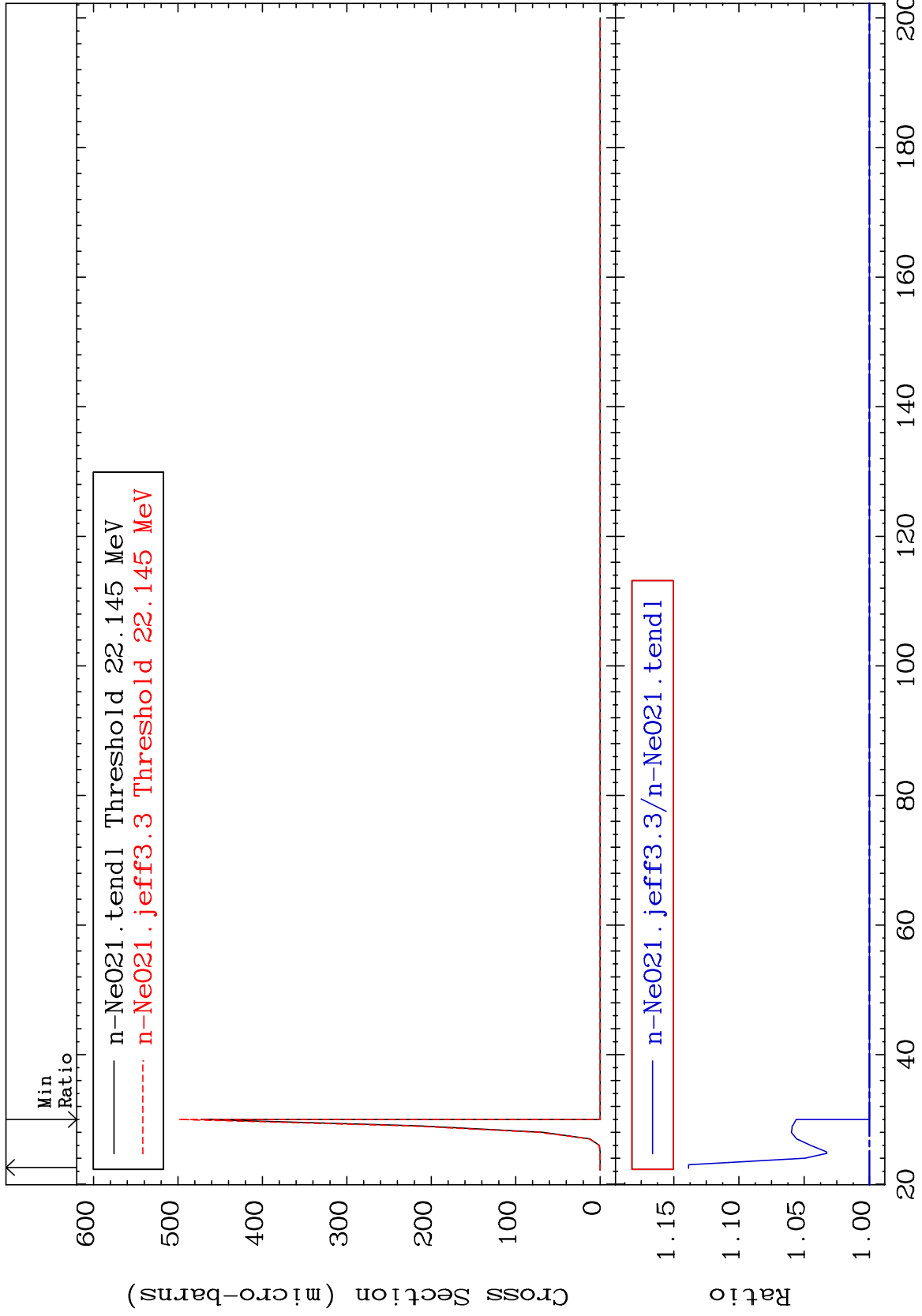
10-Ne-21
-0.714 To 0.000 %



MAT 1028

(n,n') p α
Cross Section

10-Ne-21
To 13.86 %



18

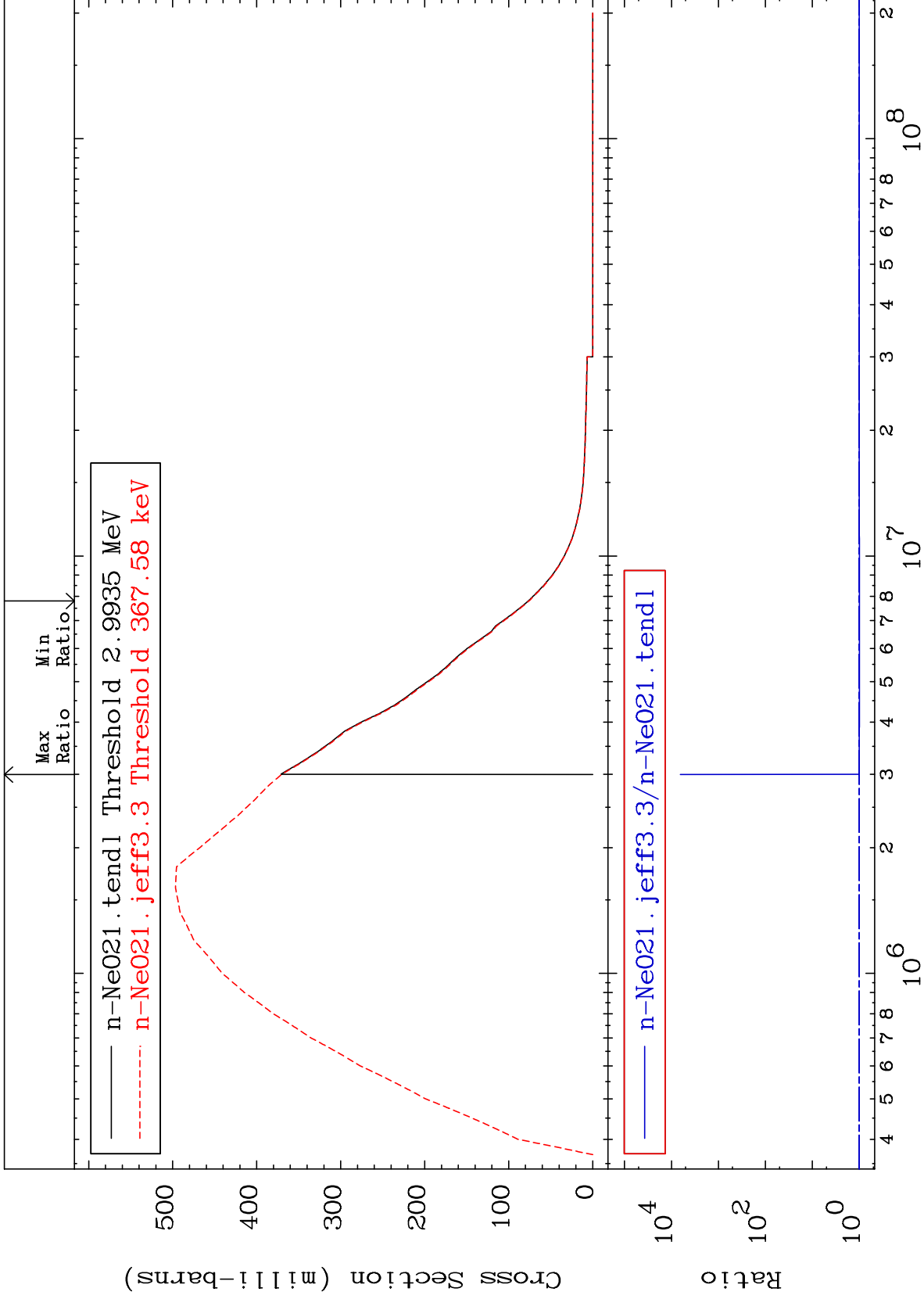
Incident Energy (MeV)

10-Ne-21

MAT 1028

MT= 51 (n,n') Level
Cross Section

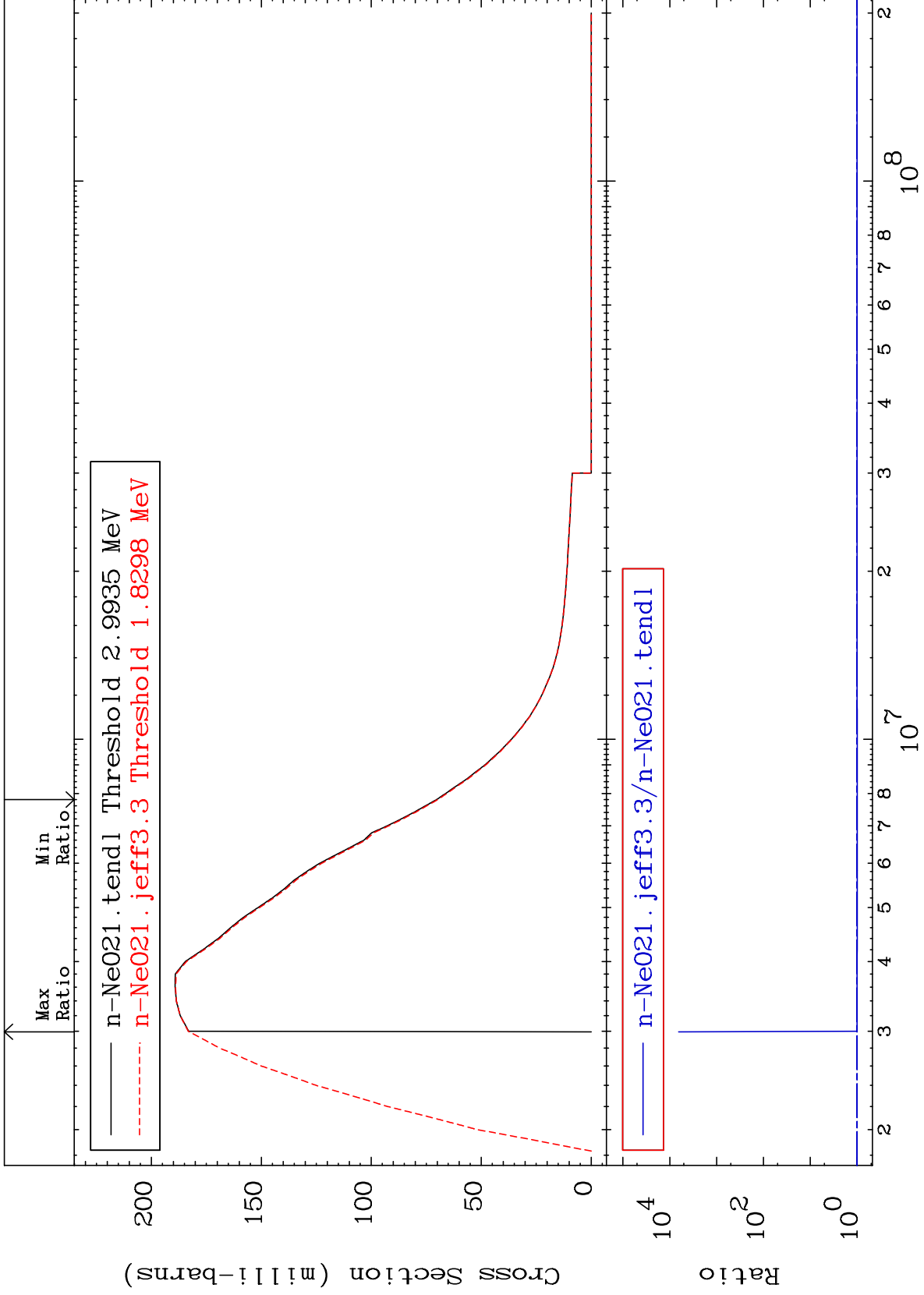
10-Ne-21
-1.012 To 9999. %



MAT 1028

MT= 52 (n,n') Level
Cross Section

10-Ne-21
-0.854 To 9999. %



20

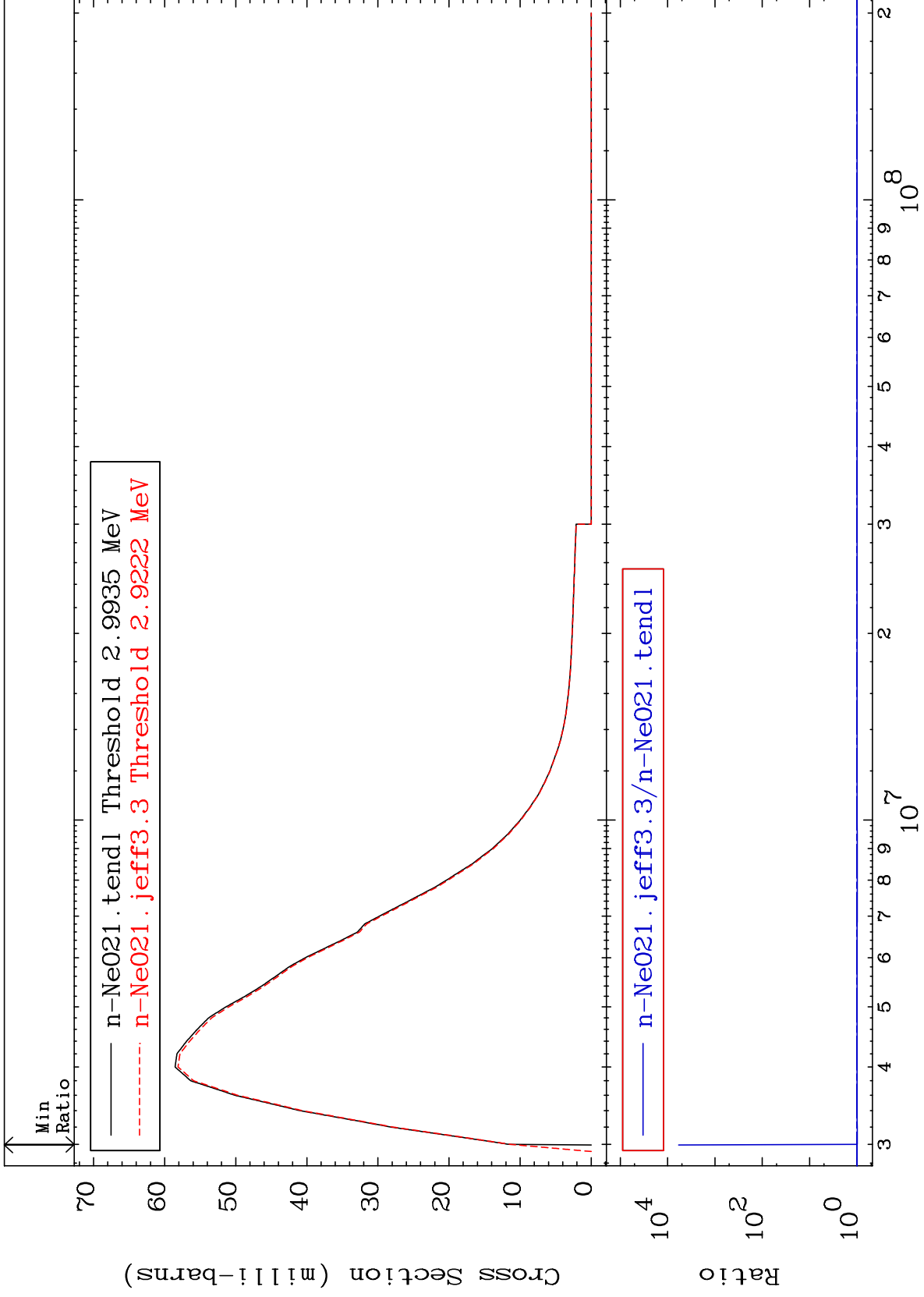
Incident Energy (eV)

10-Ne-21

MAT 1028

MT= 53 (n,n') Level
Cross Section

10-Ne-21
-1.443 To 9999. %



21

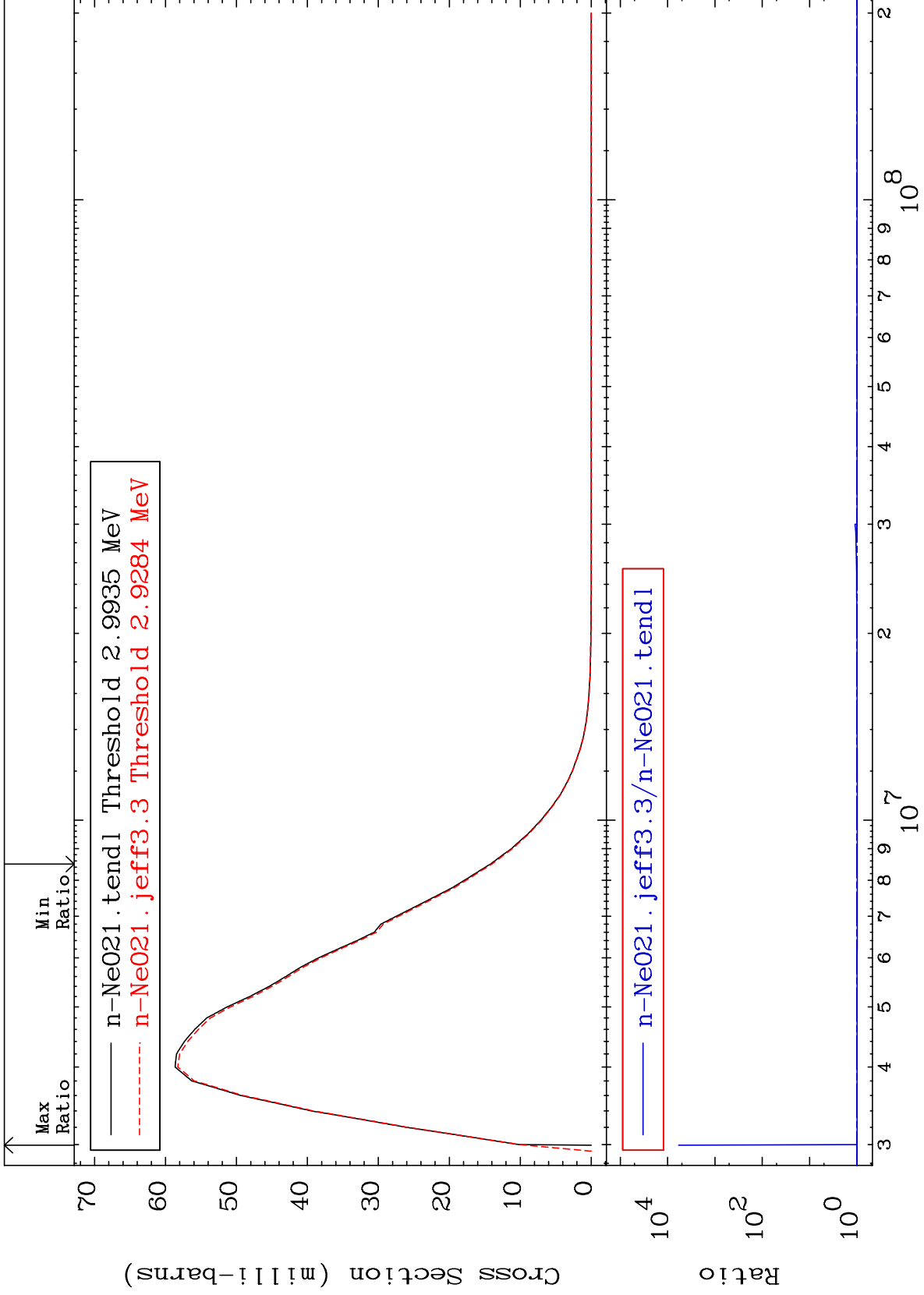
Incident Energy (eV)

10-Ne-21

MAT 1028

MT= 54 (n,n') Level
Cross Section

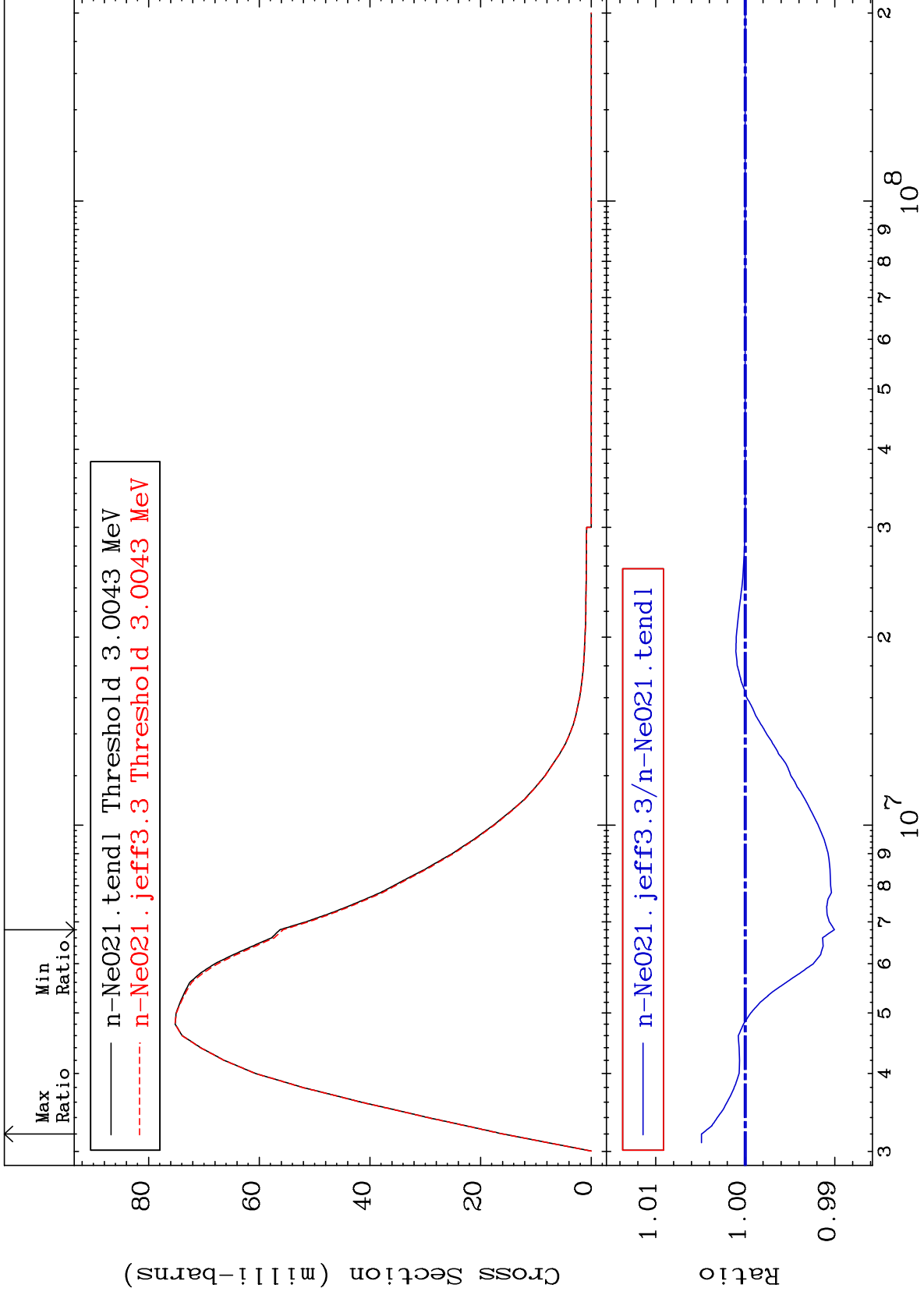
10-Ne-21
-1.452 To 9999. %



MAT 1028

MT= 55 (n,n') Level
Cross Section

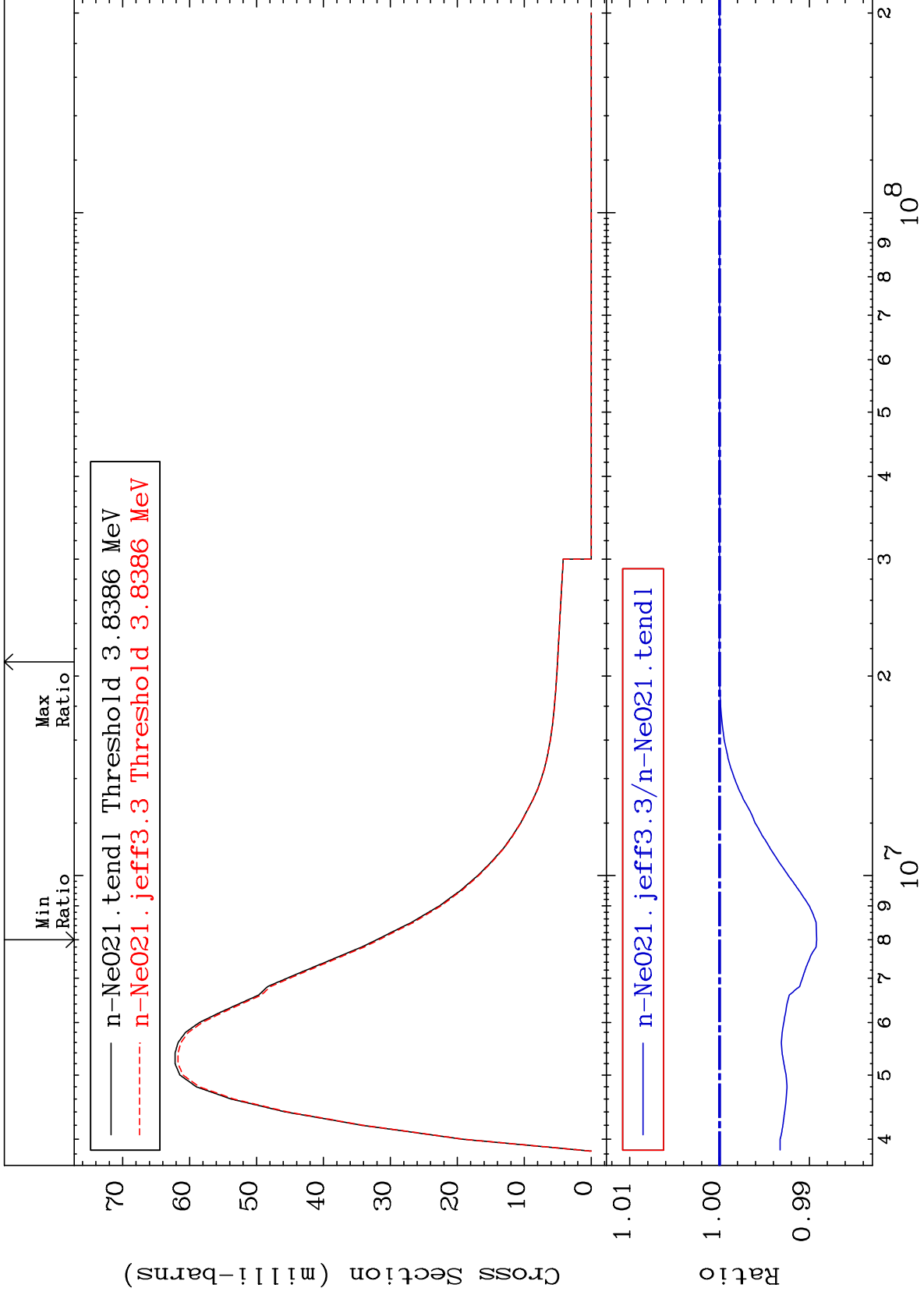
10-Ne-21
-0.995 To 0.488 %



MAT 1028

MT= 56 (n,n') Level
Cross Section

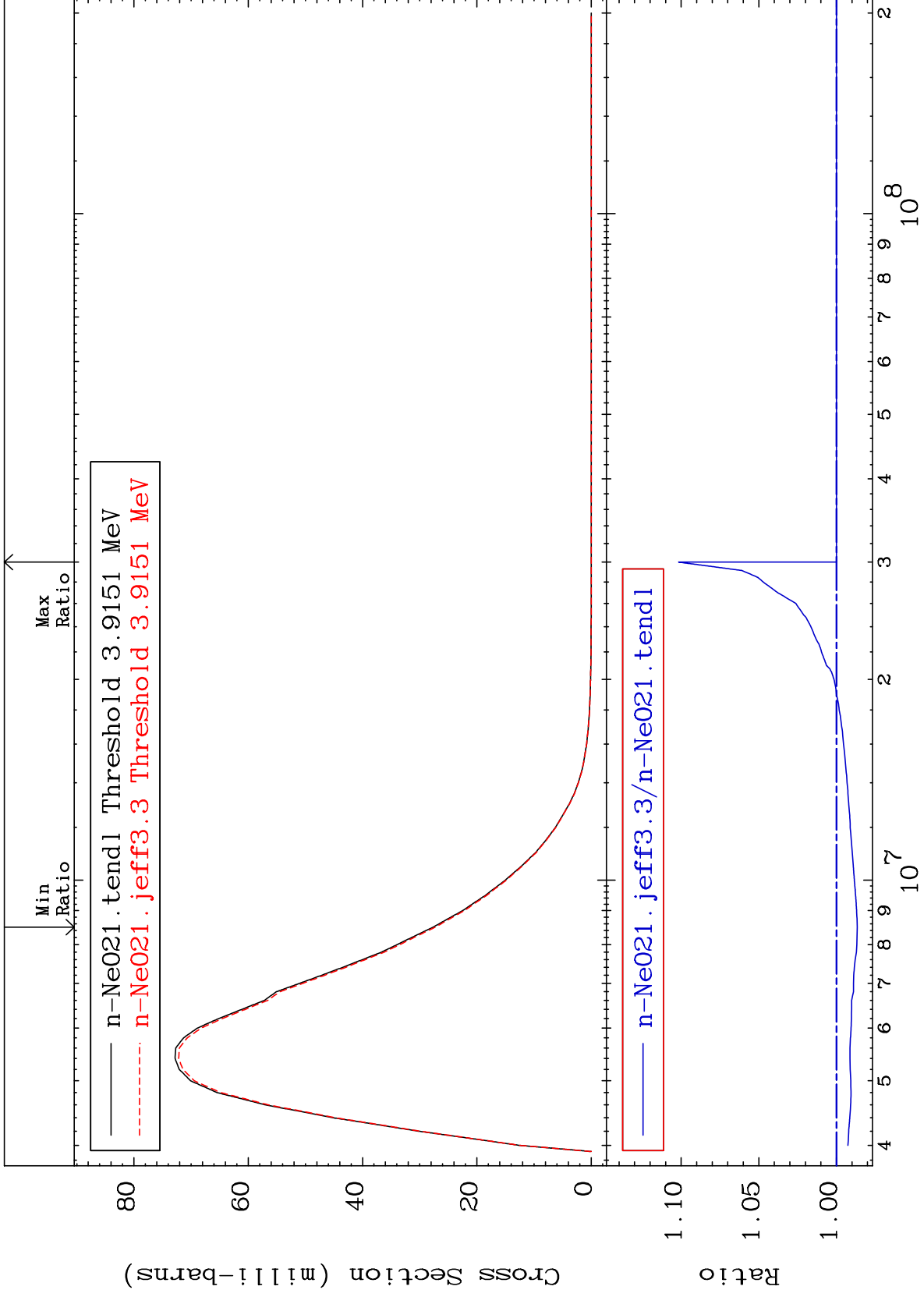
10-Ne-21
-1.081 To 0.003 %



MAT 1028

MT= 57 (n,n') Level
Cross Section

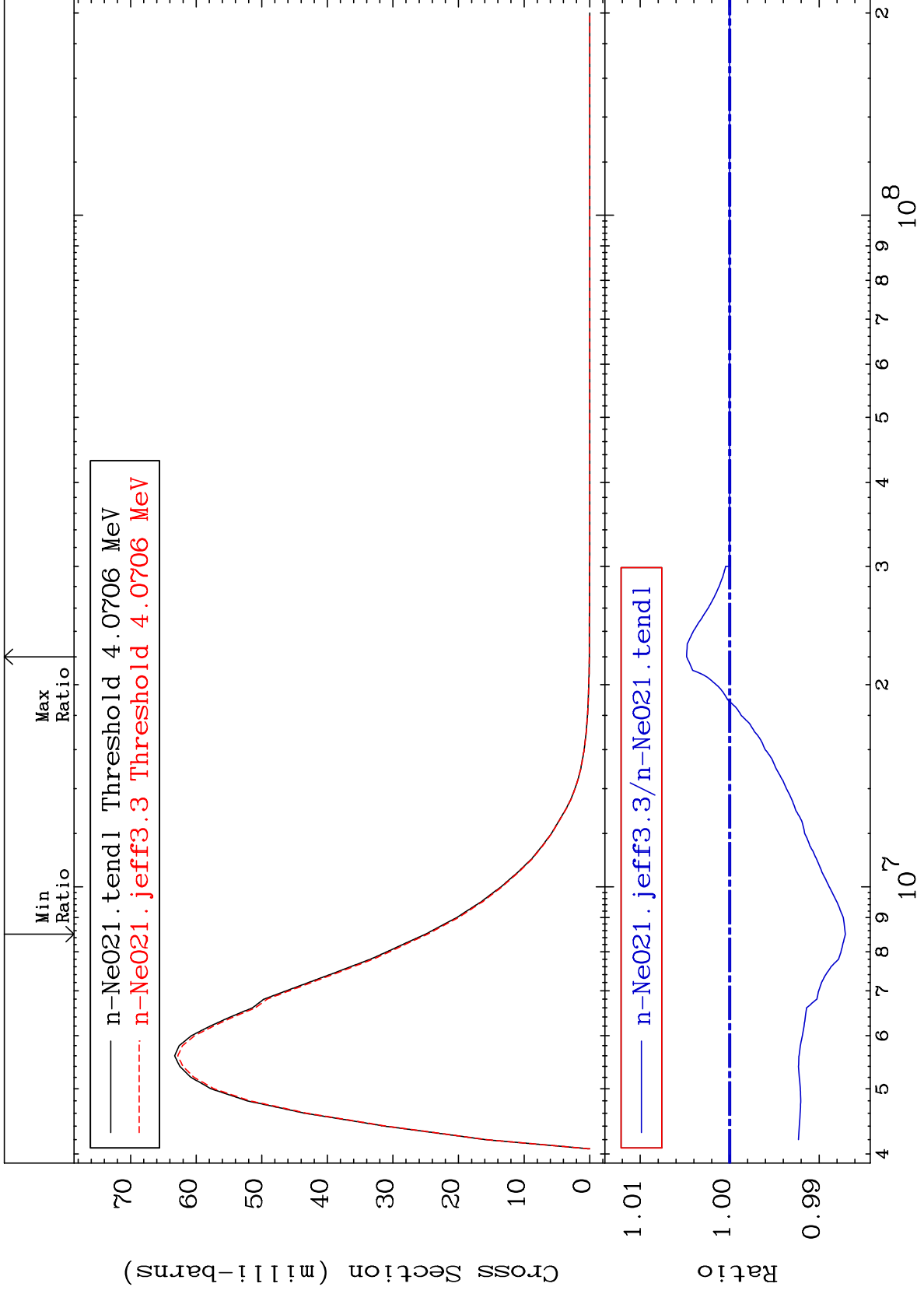
10-Ne-21
-1.341 To 10.16 %



MAT 1028

MT= 58 (n,n') Level
Cross Section

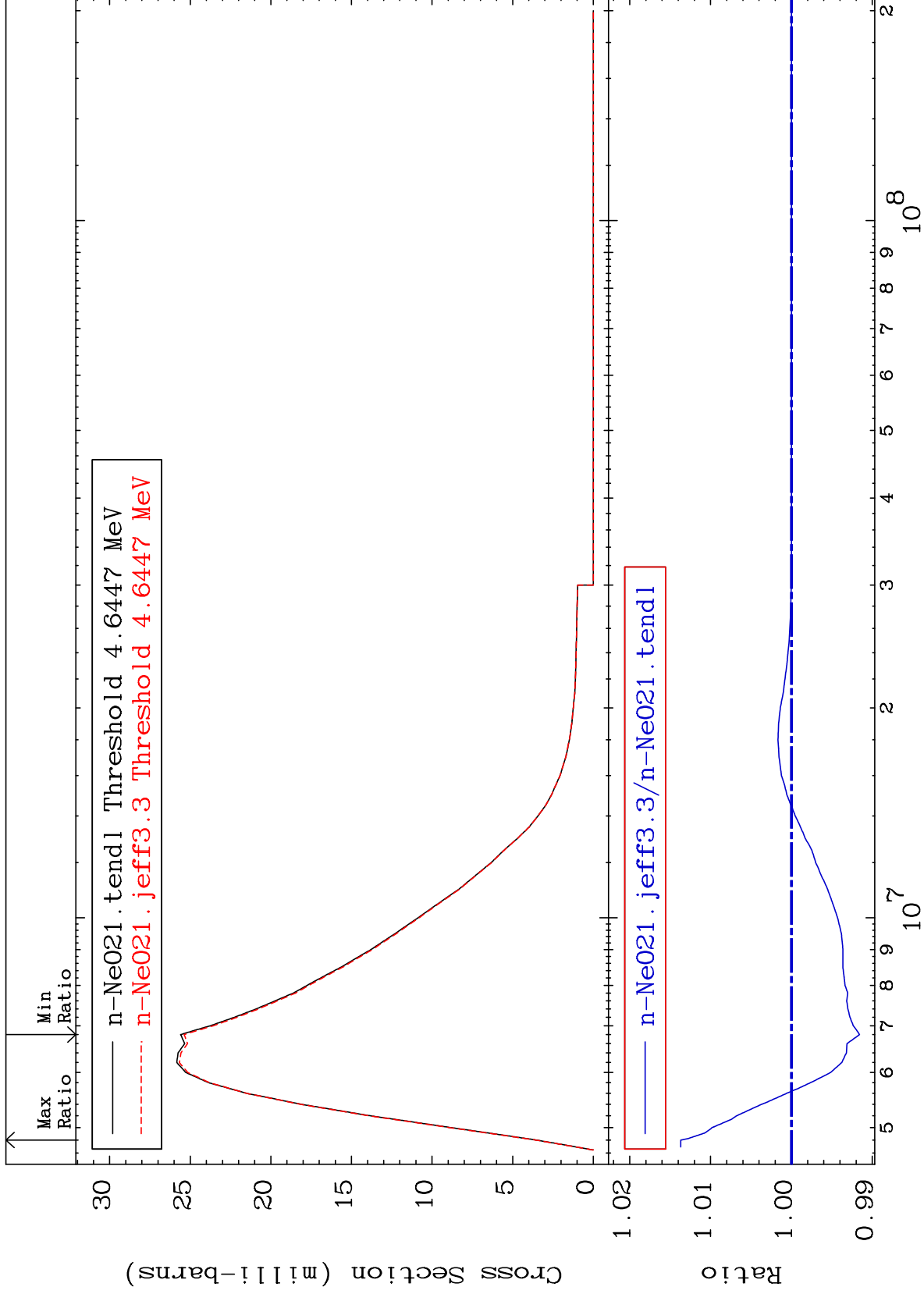
10-Ne-21
-1.294 To 0.481 %



MAT 1028

MT= 59 (n,n') Level
Cross Section

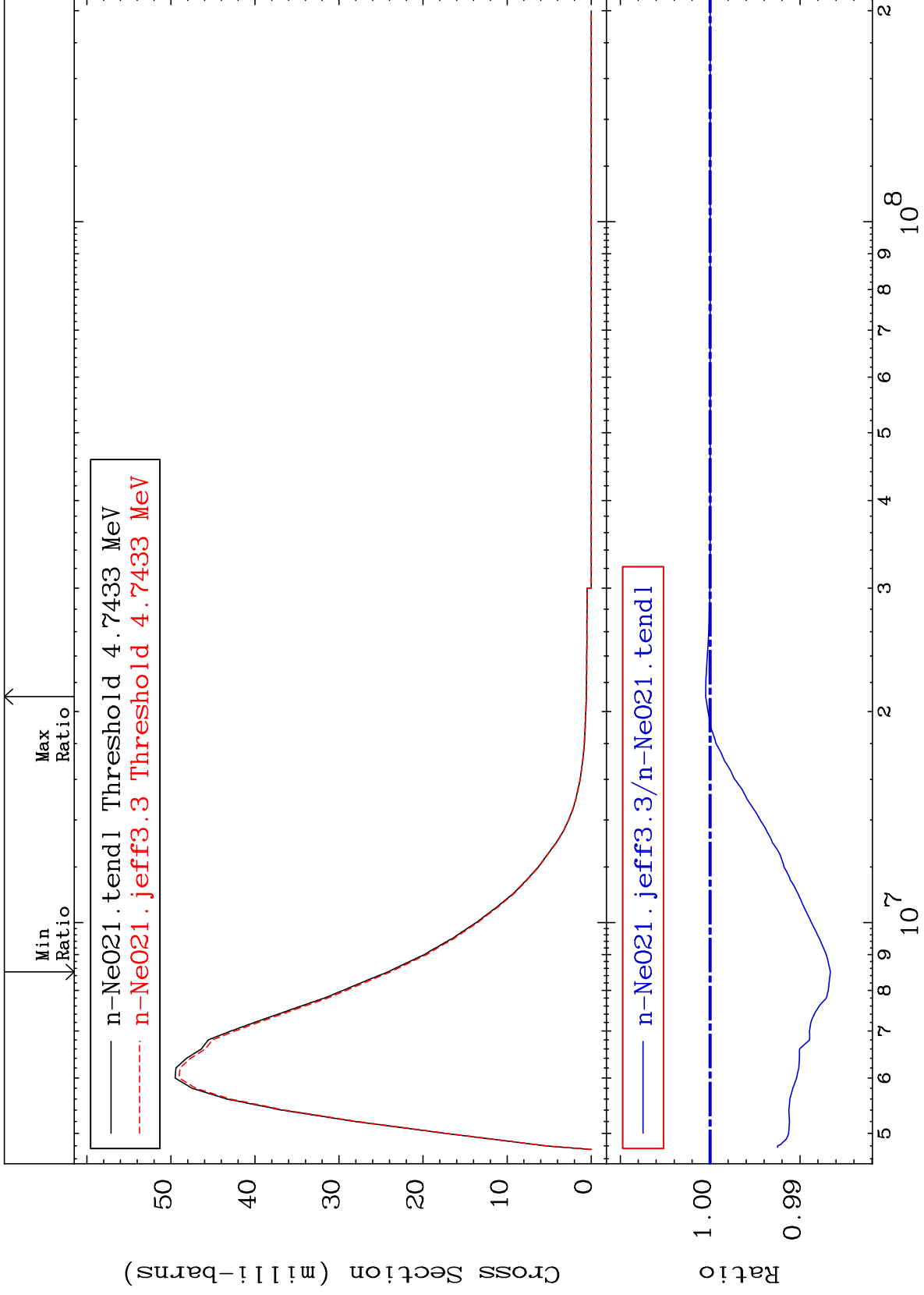
10-Ne-21
-0.842 To 1.368 %



MAT 1028

MT= 60 (n,n') Level
Cross Section

10-Ne-21
-1.337 To 0.051 %



28

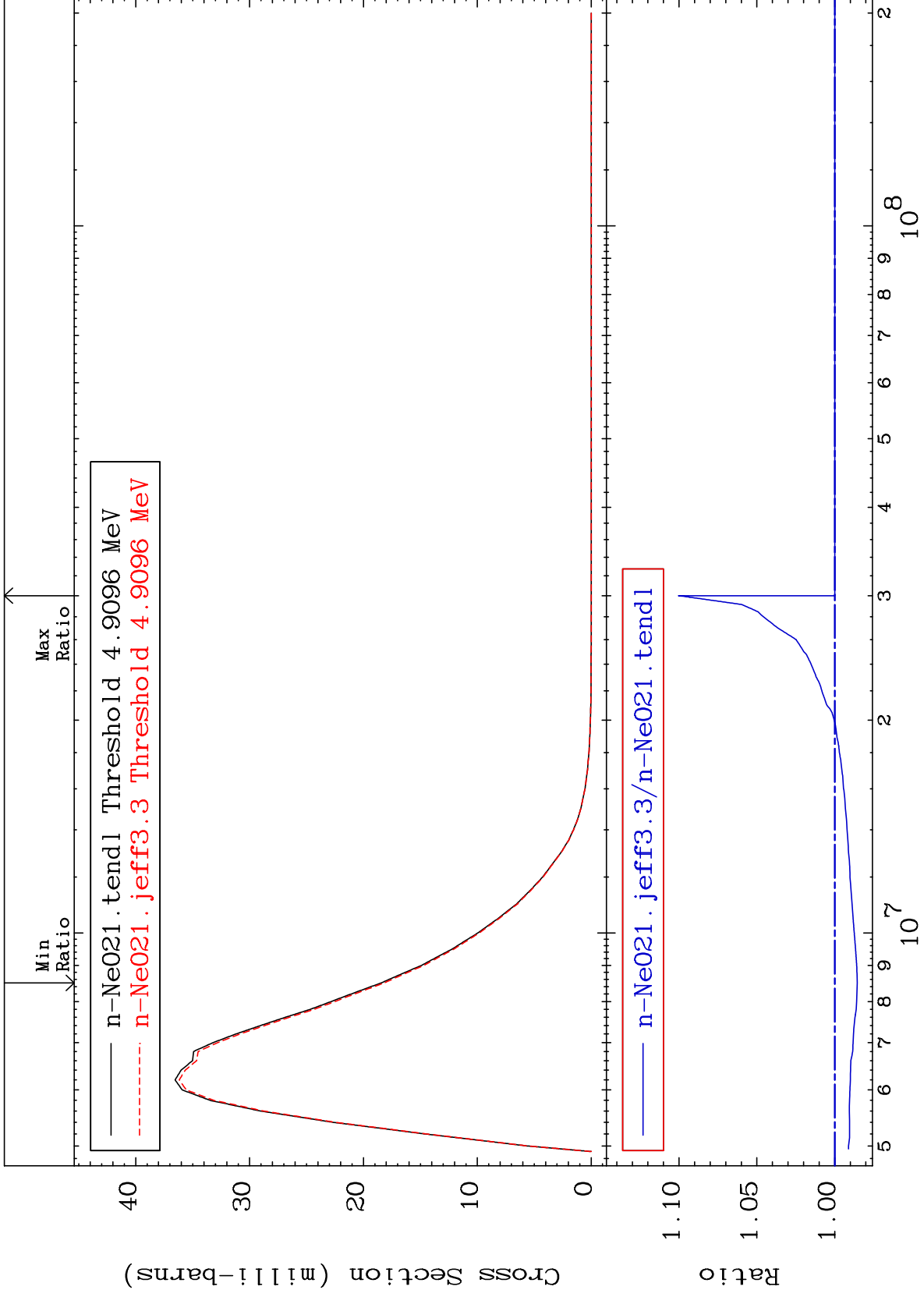
10-Ne-21

10-Ne-21

MAT 1028

MT= 61 (n,n') Level
Cross Section

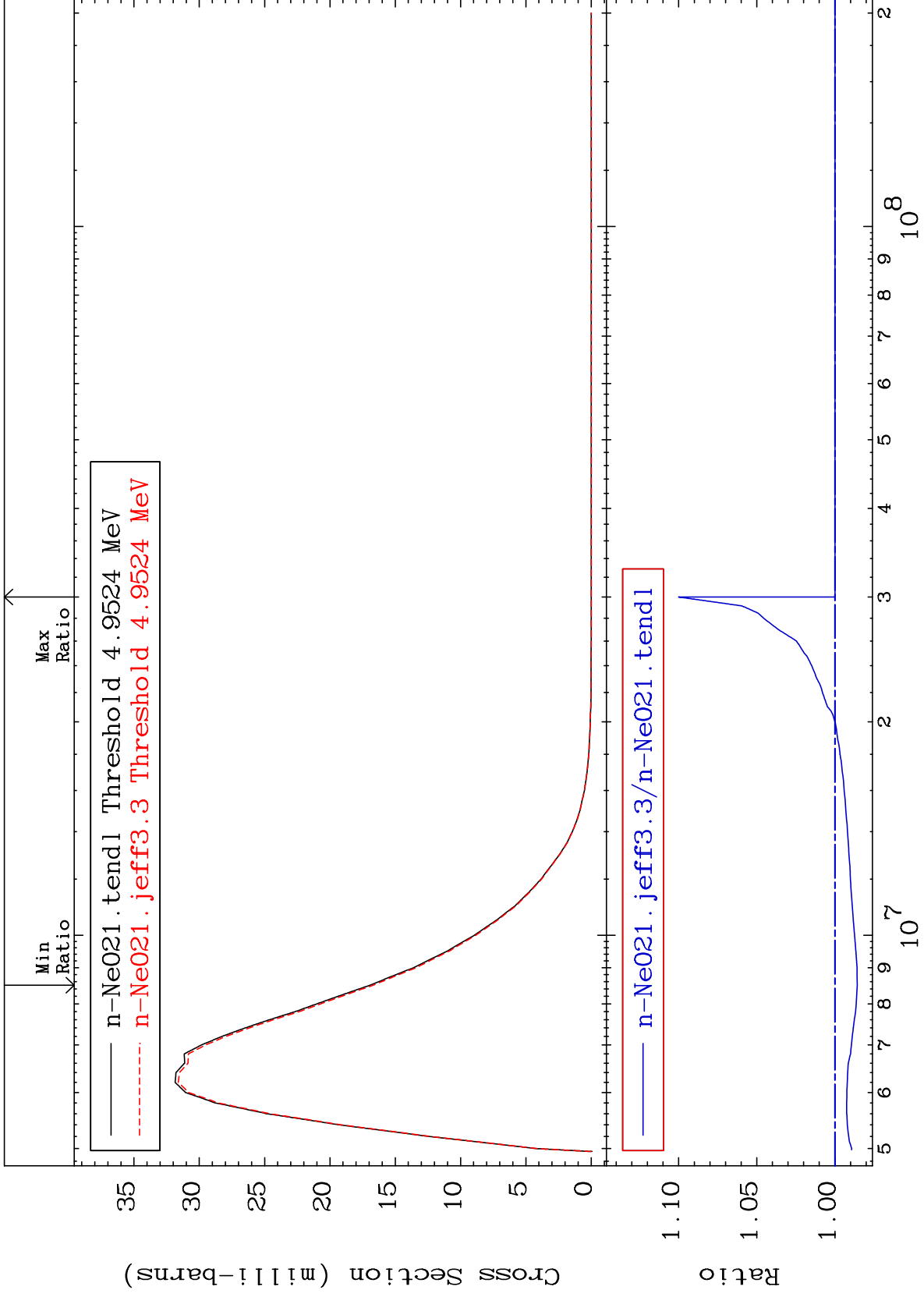
10-Ne-21
-1.446 To 10.03 %



MAT 1028

MT= 62 (n,n') Level
Cross Section

10-Ne-21
-1.431 To 10.00 %



30

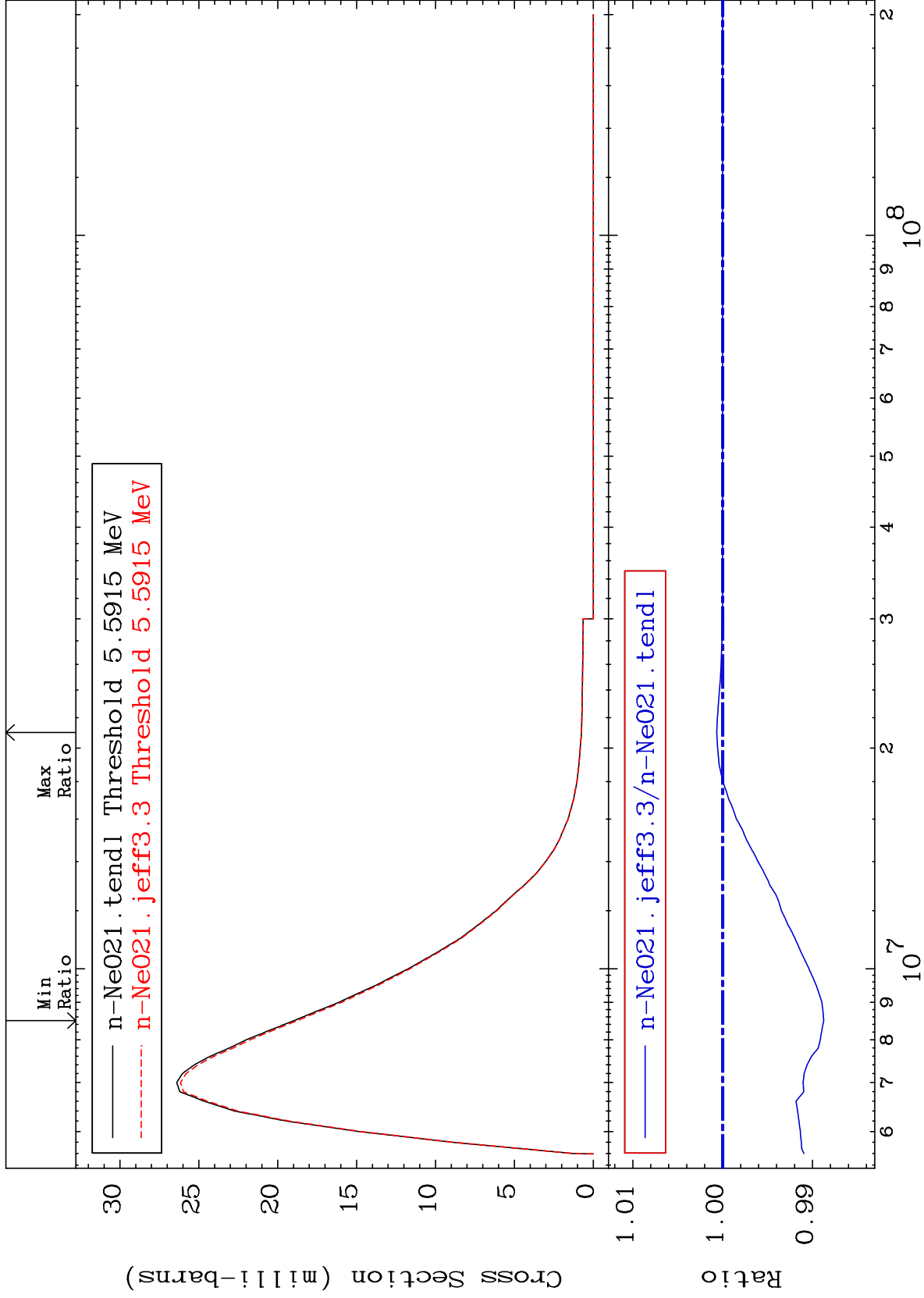
Incident Energy (eV)

10-Ne-21

MAT 1028

MT= 63 (n,n') Level
Cross Section

10-Ne-21
-1.124 To 0.066 %



31

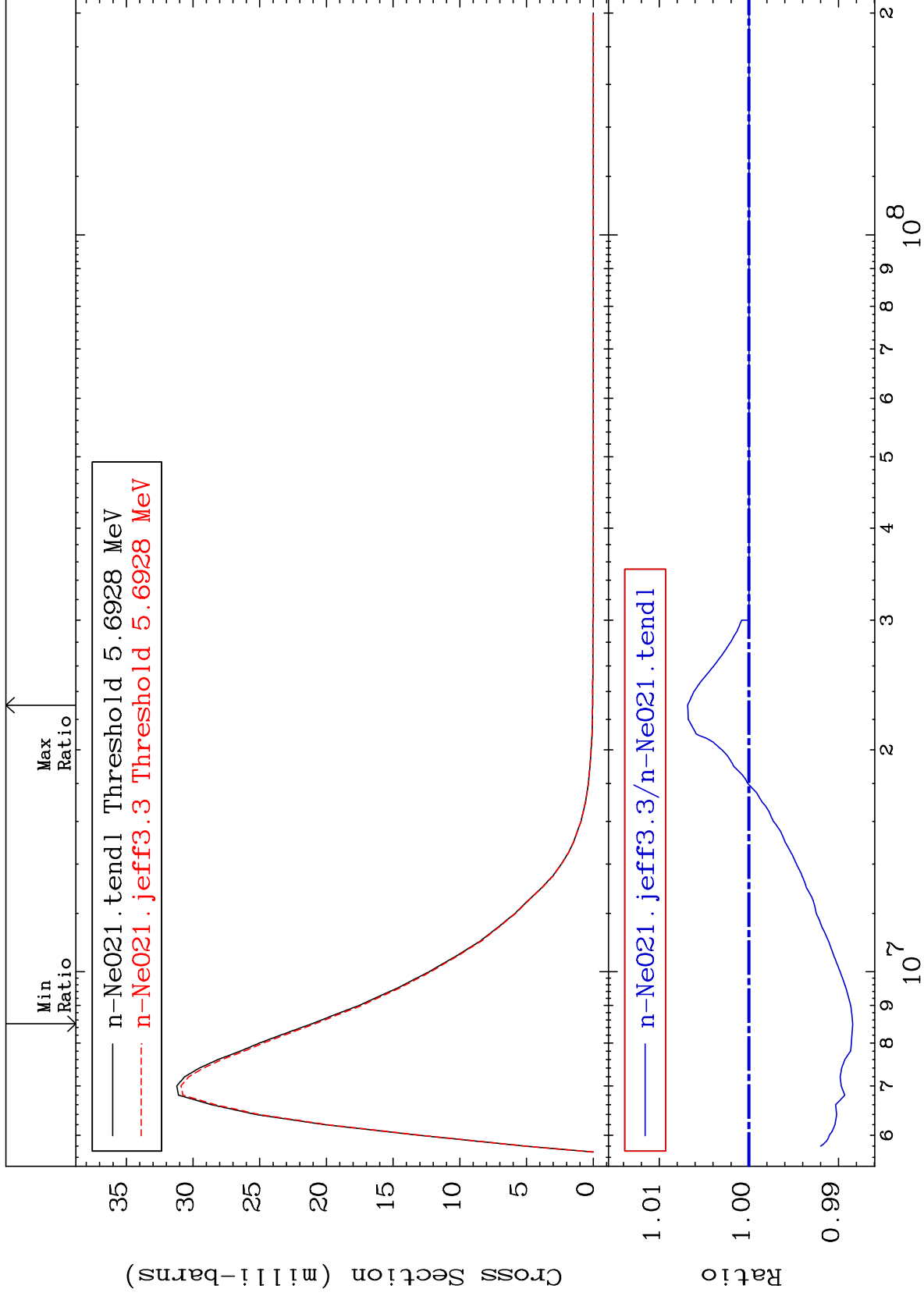
Incident Energy (eV)

10-Ne-21

MAT 1028

MT= 64 (n,n') Level
Cross Section

10-Ne-21
-1.158 To 0.684 %



32

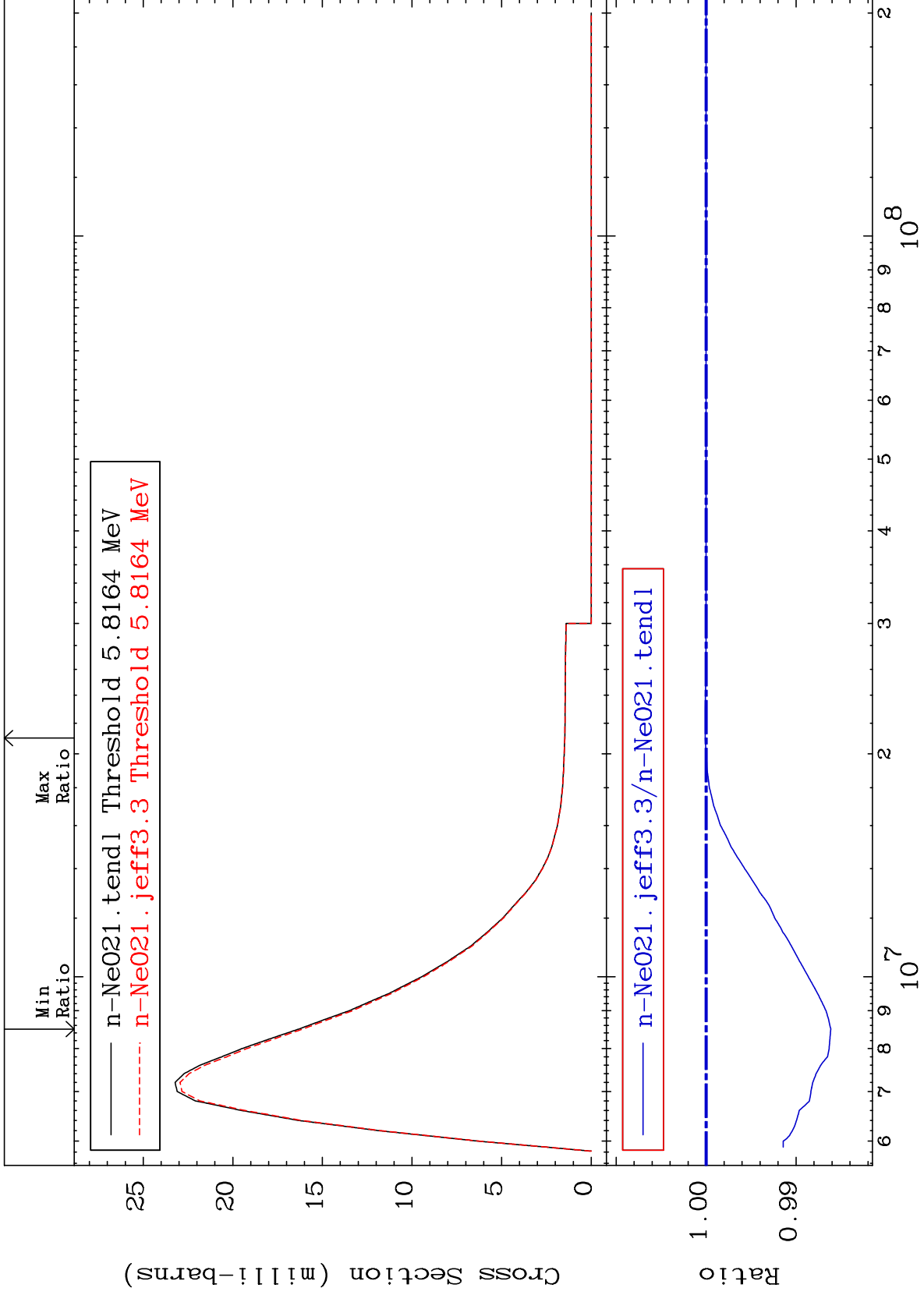
Incident Energy (eV)

10-Ne-21

MAT 1028

MT= 65 (n,n') Level
Cross Section

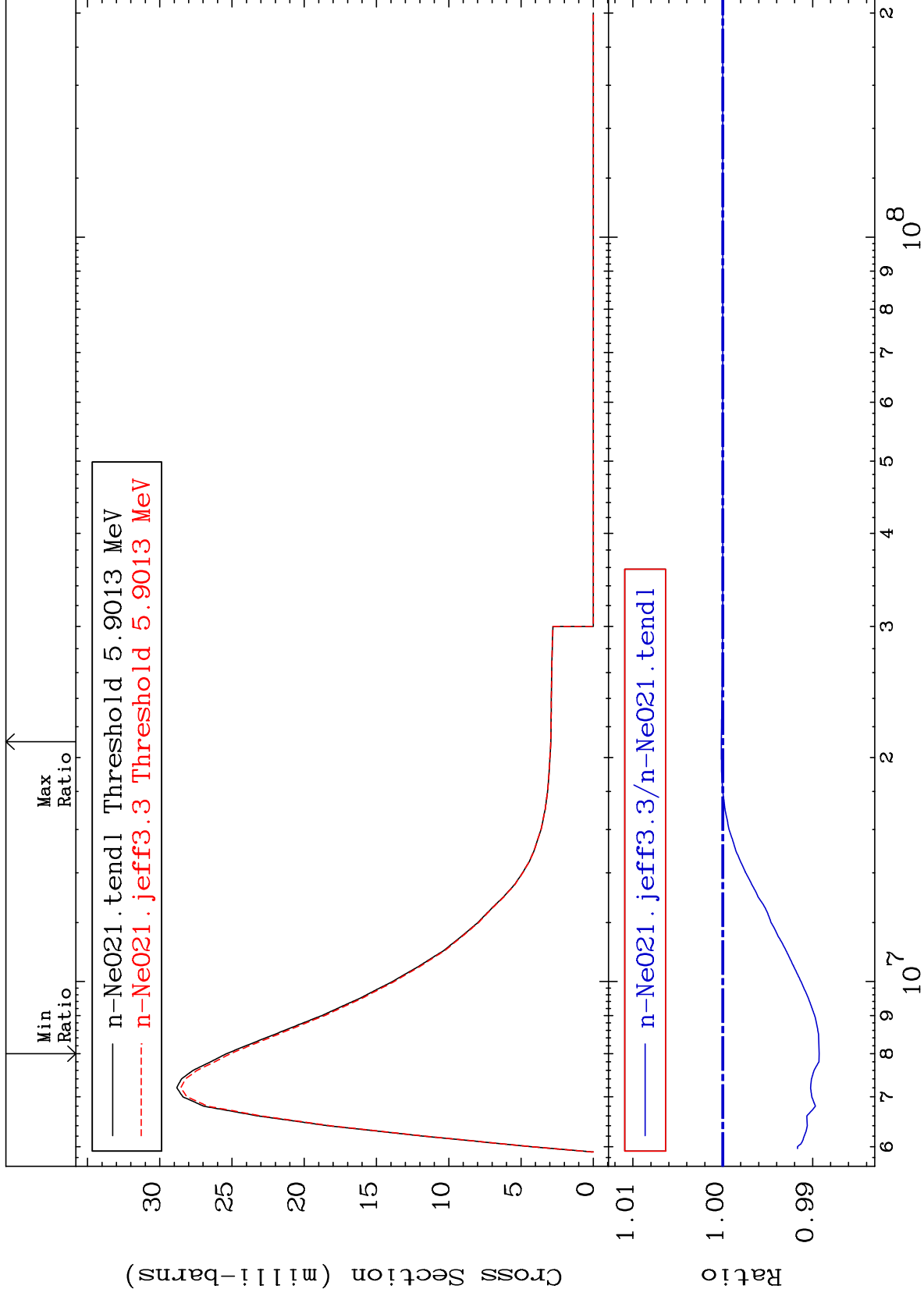
10-Ne-21
-1.386 To 0.011 %



MAT 1028

MT= 66 (n,n') Level
Cross Section

10-Ne-21
-1.071 To 0.017 %



34

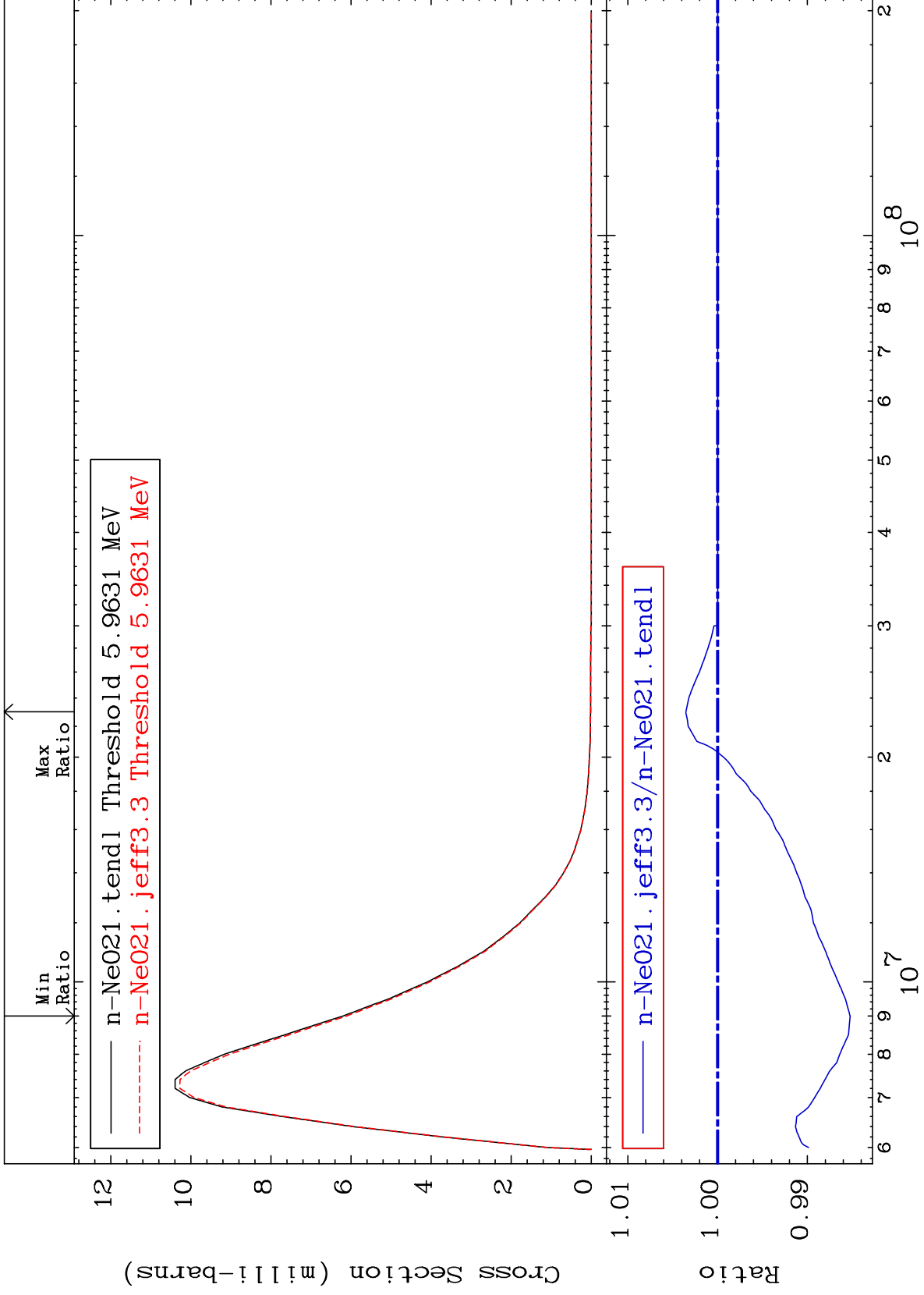
Incident Energy (eV)

10-Ne-21

MAT 1028

MT= 67 (n,n') Level
Cross Section

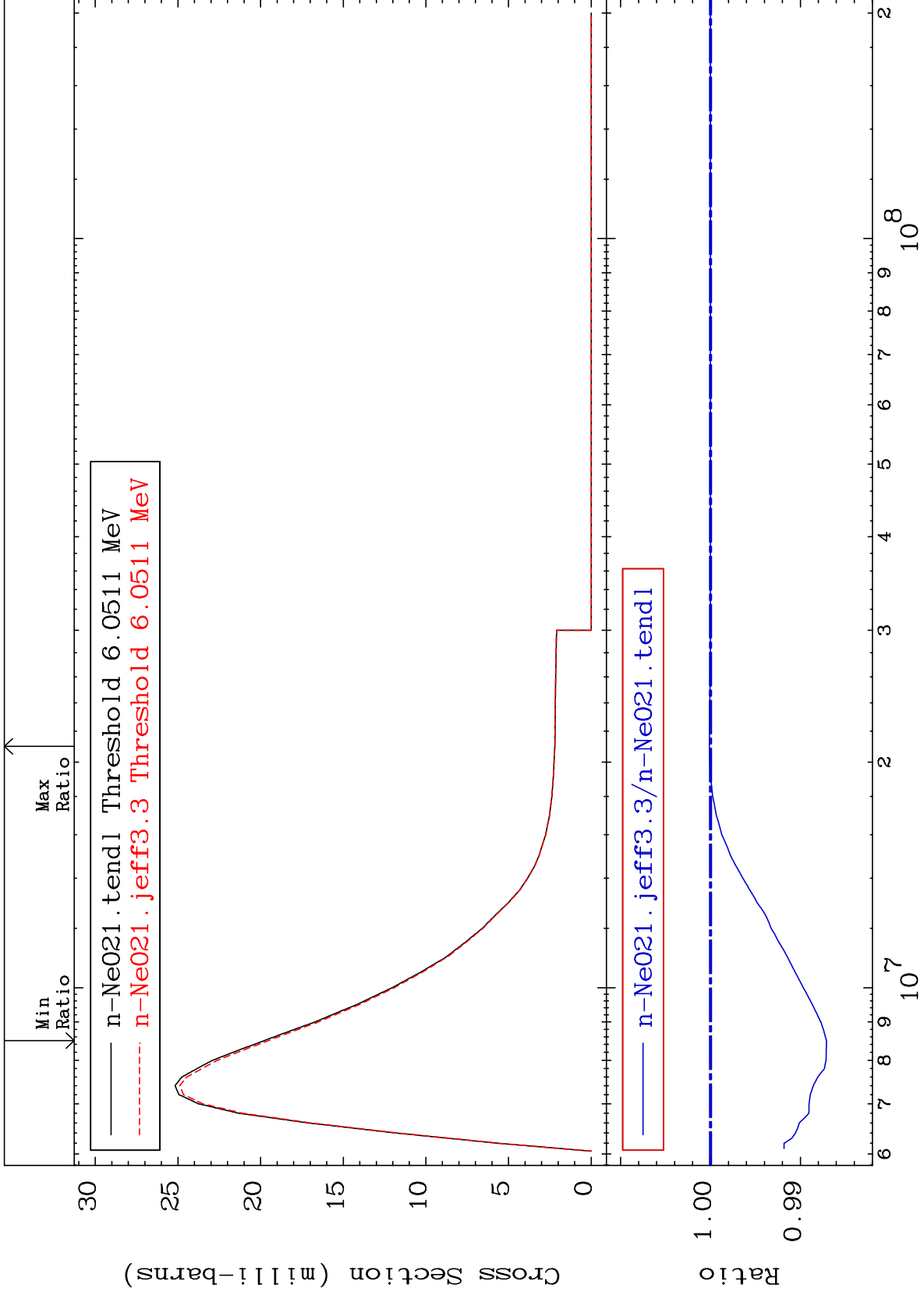
10-Ne-21
-1.476 To 0.354 %



MAT 1028

MT= 68 (n,n') Level
Cross Section

10-Ne-21
-1.290 To 0.012 %



36

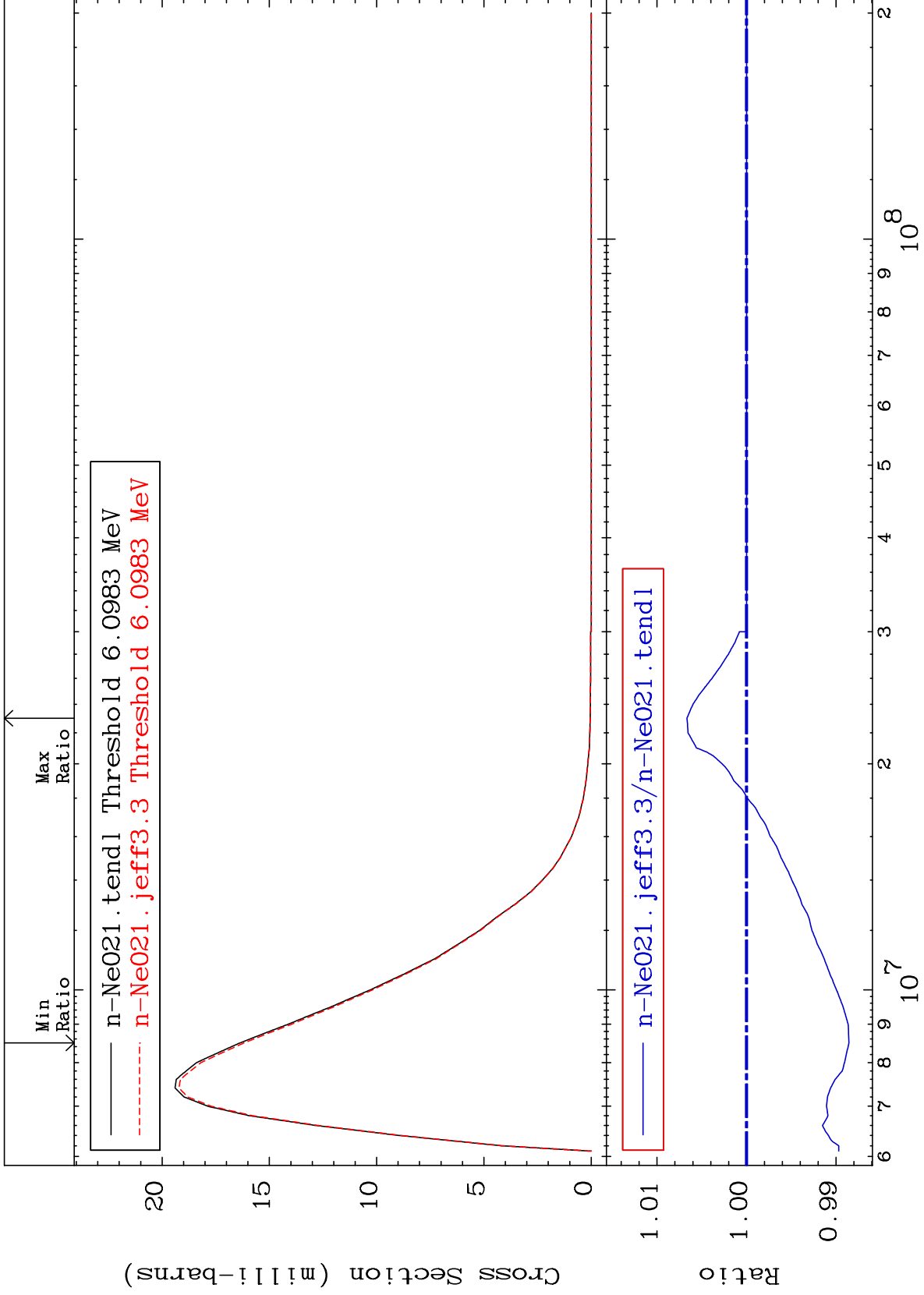
Incident Energy (eV)

10-Ne-21

MAT 1028

MT= 69 (n,n') Level
Cross Section

10-Ne-21
-1.144 To 0.666 %



37

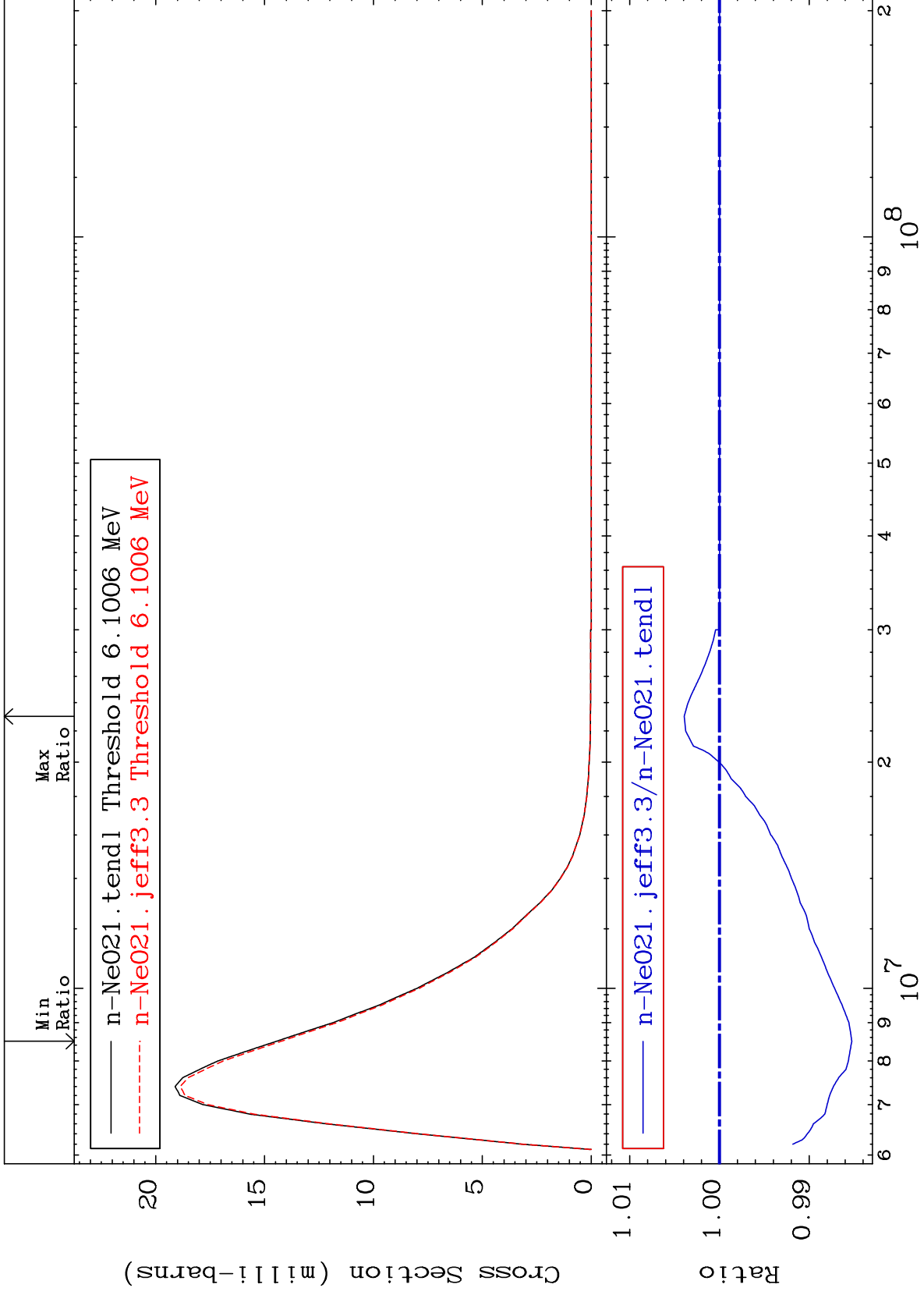
10-Ne-21

10-Ne-21

MAT 1028

MT= 70 (n,n') Level
Cross Section

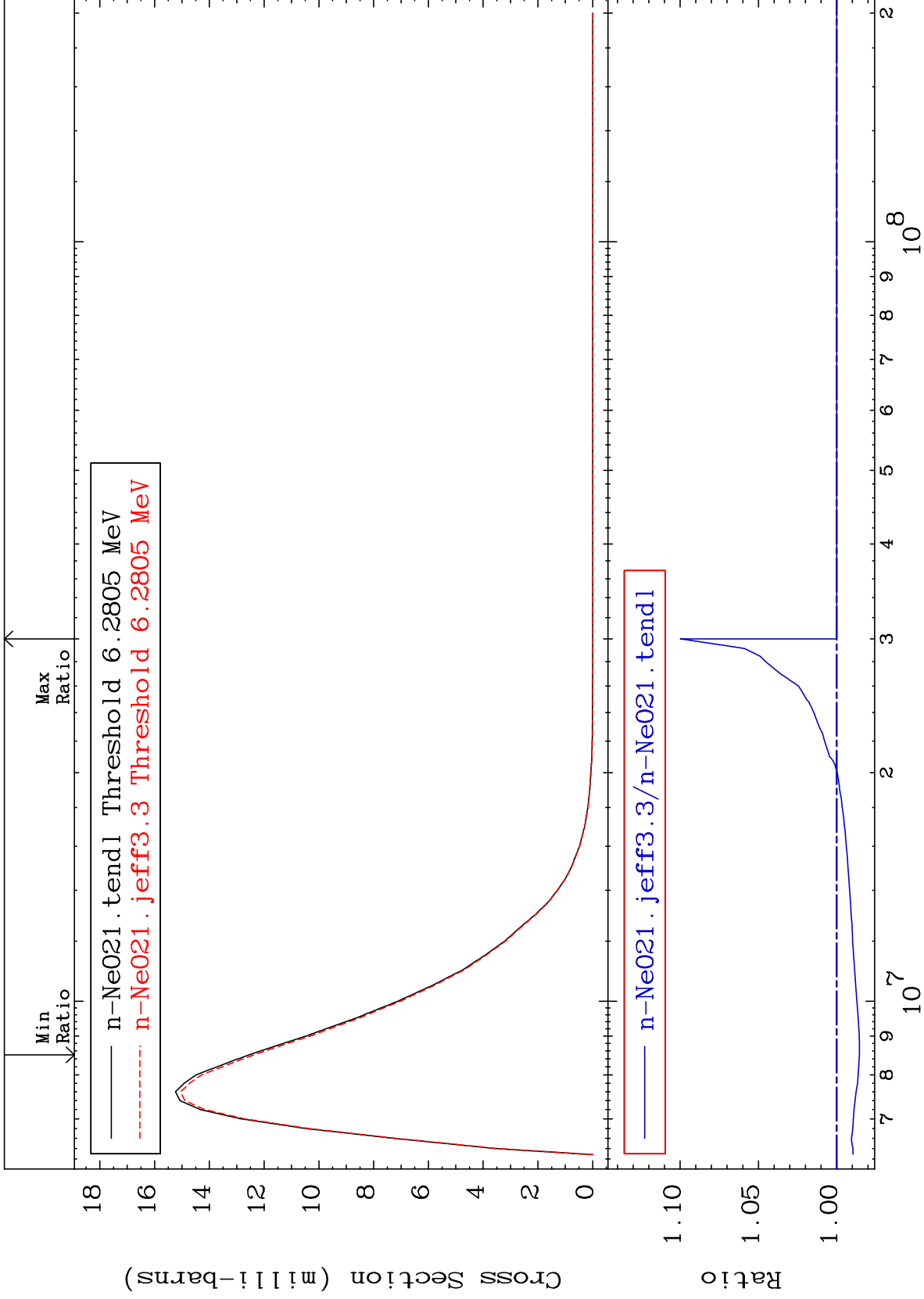
10-Ne-21
-1.473 To 0.394 %



MAT 1028

MT= 71 (n,n') Level
Cross Section

10-Ne-21
-1.449 To 9.985 %



39

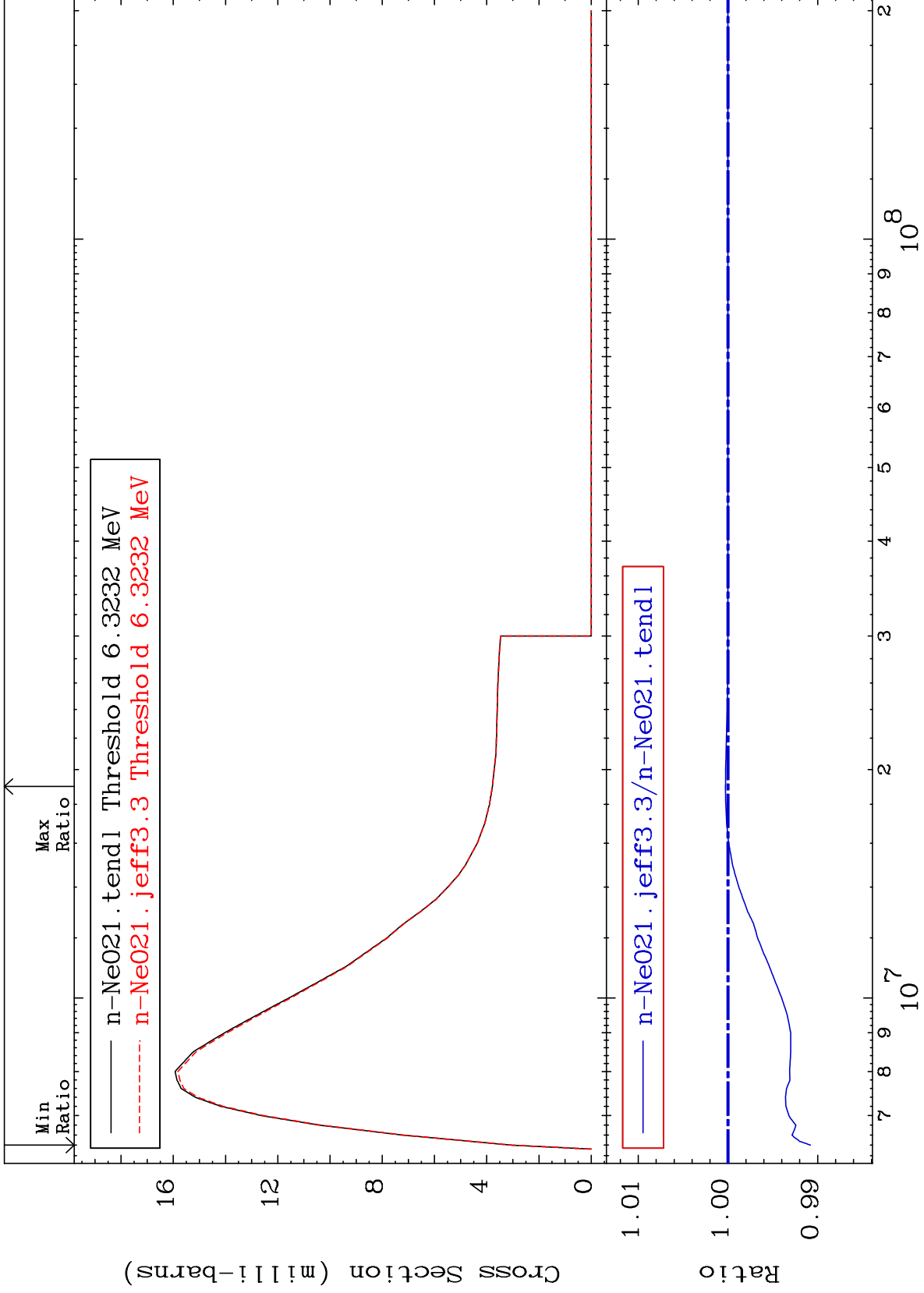
Incident Energy (eV)

10-Ne-21

MAT 1028

MT= 72 (n,n') Level
Cross Section

10-Ne-21
-0.919 To 0.028 %



40

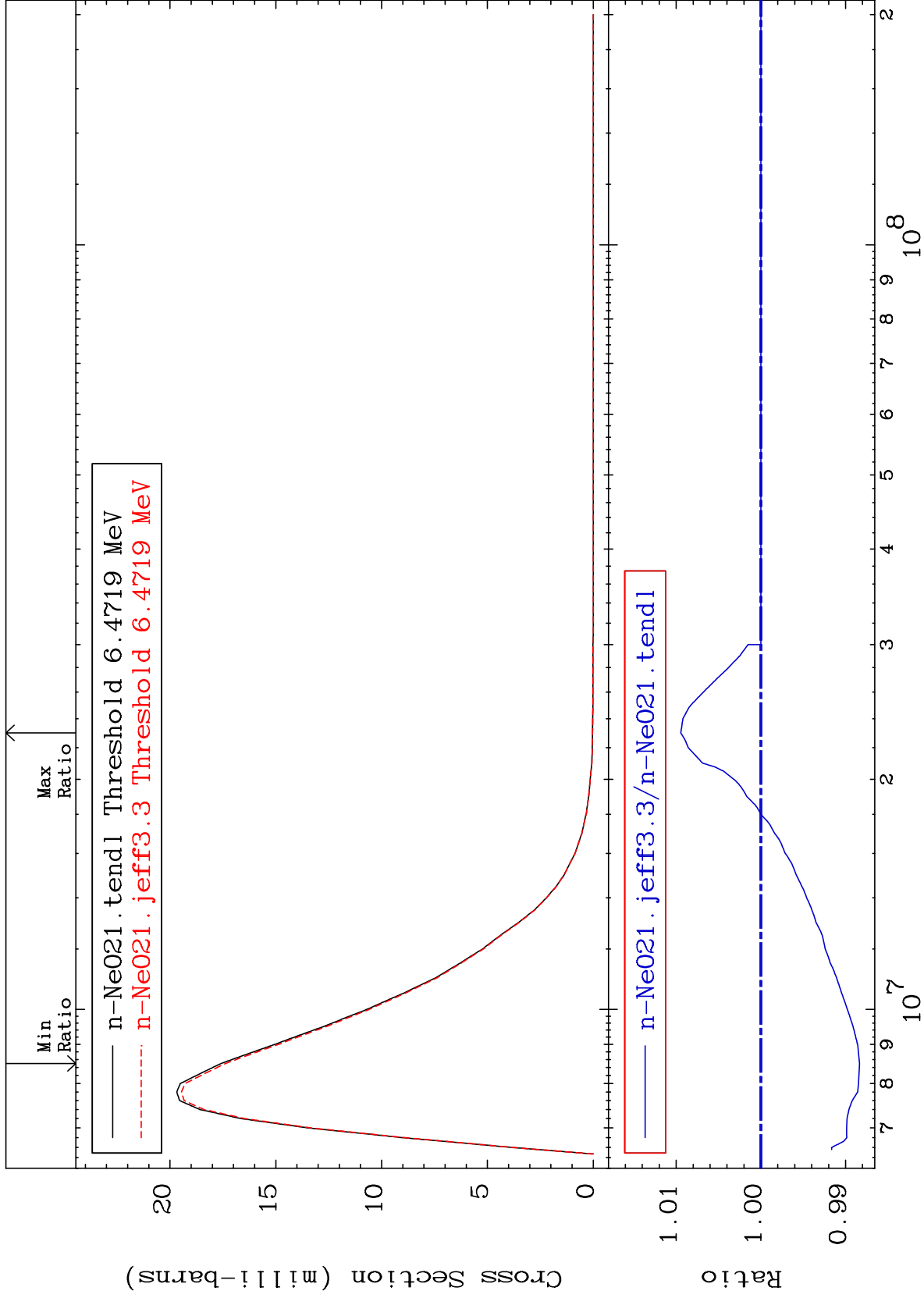
Incident Energy (eV)

10-Ne-21

MAT 1028

MT= 73 (n,n') Level
Cross Section

10-Ne-21
-1.165 To 0.946 %



41

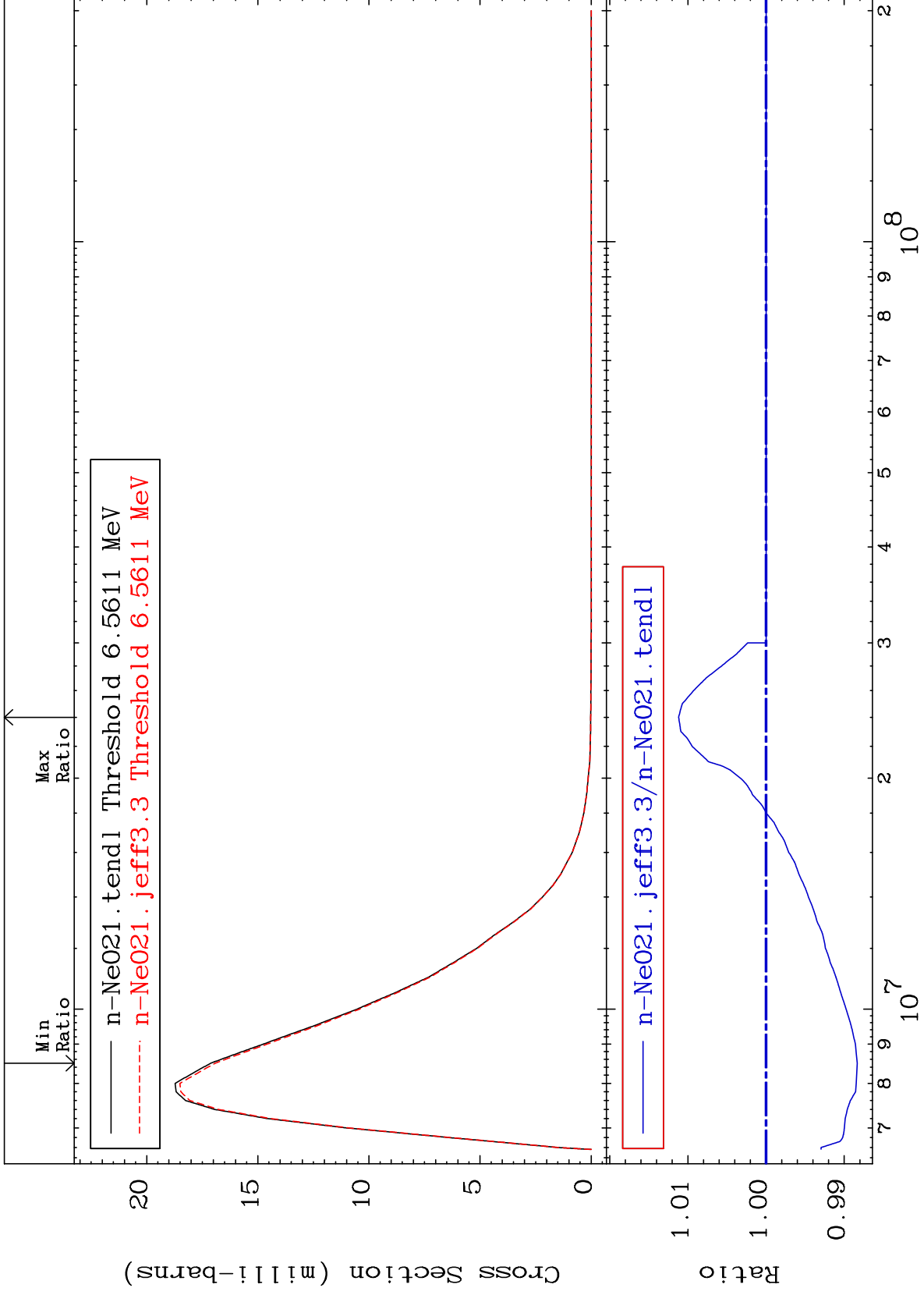
Incident Energy (eV)

10-Ne-21

MAT 1028

MT= 74 (n,n') Level
Cross Section

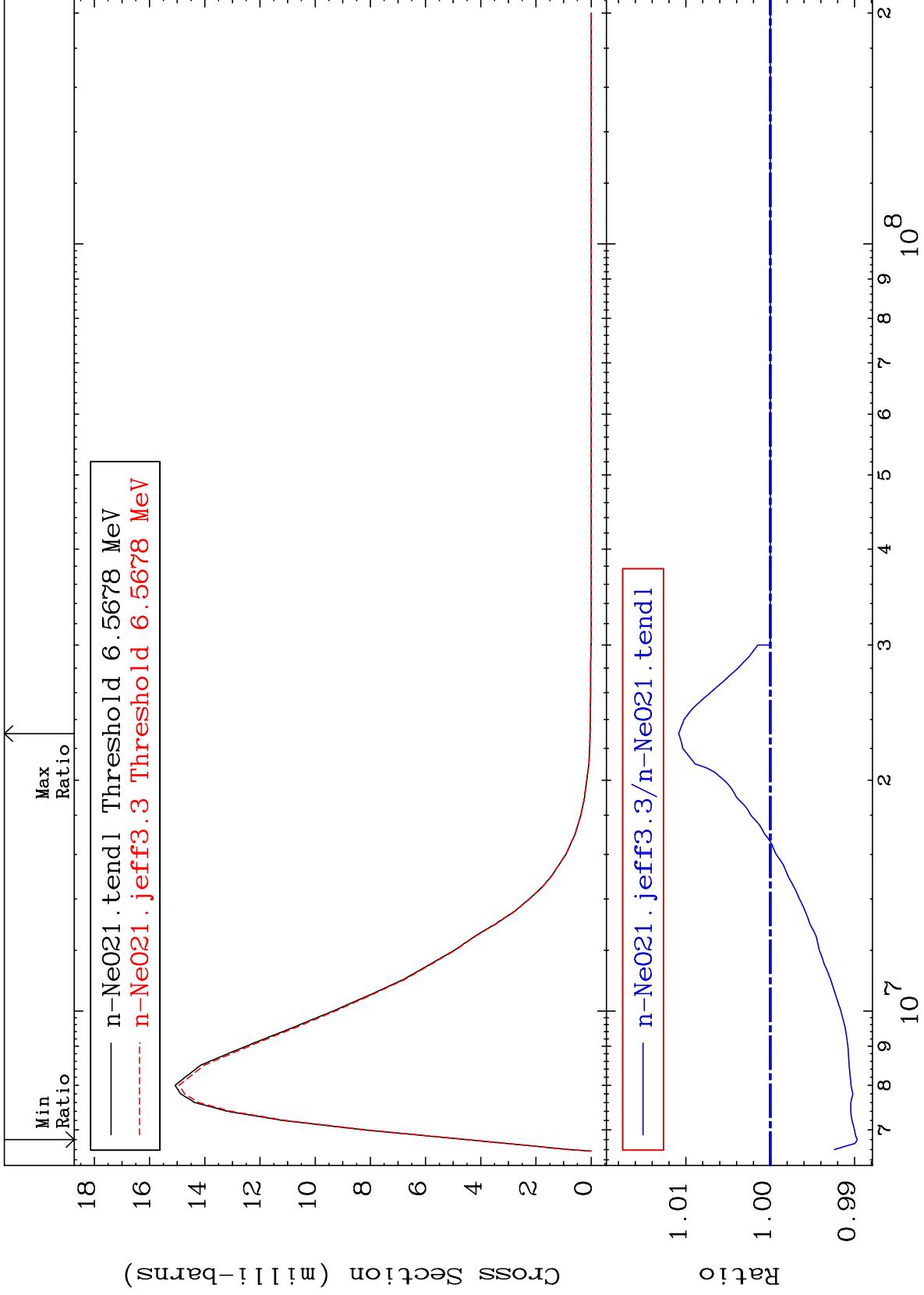
10-Ne-21
-1.166 To 1.118 %



MAT 1028

MT= 75 (n,n') Level
Cross Section

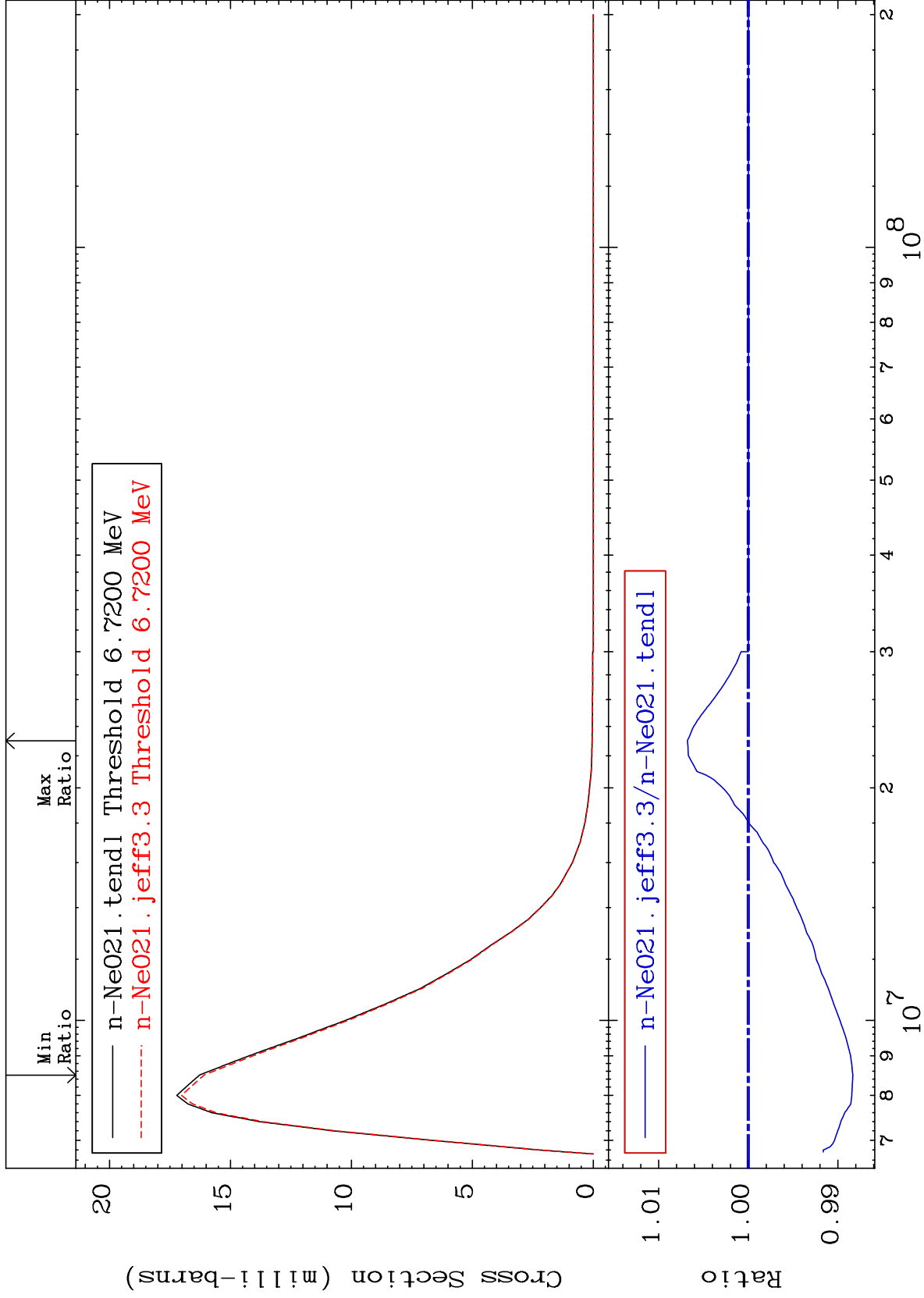
10-Ne-21
-1.031 To 1.087 %



MAT 1028

MT= 76 (n,n') Level
Cross Section

10-Ne-21
-1.167 To 0.679 %



44

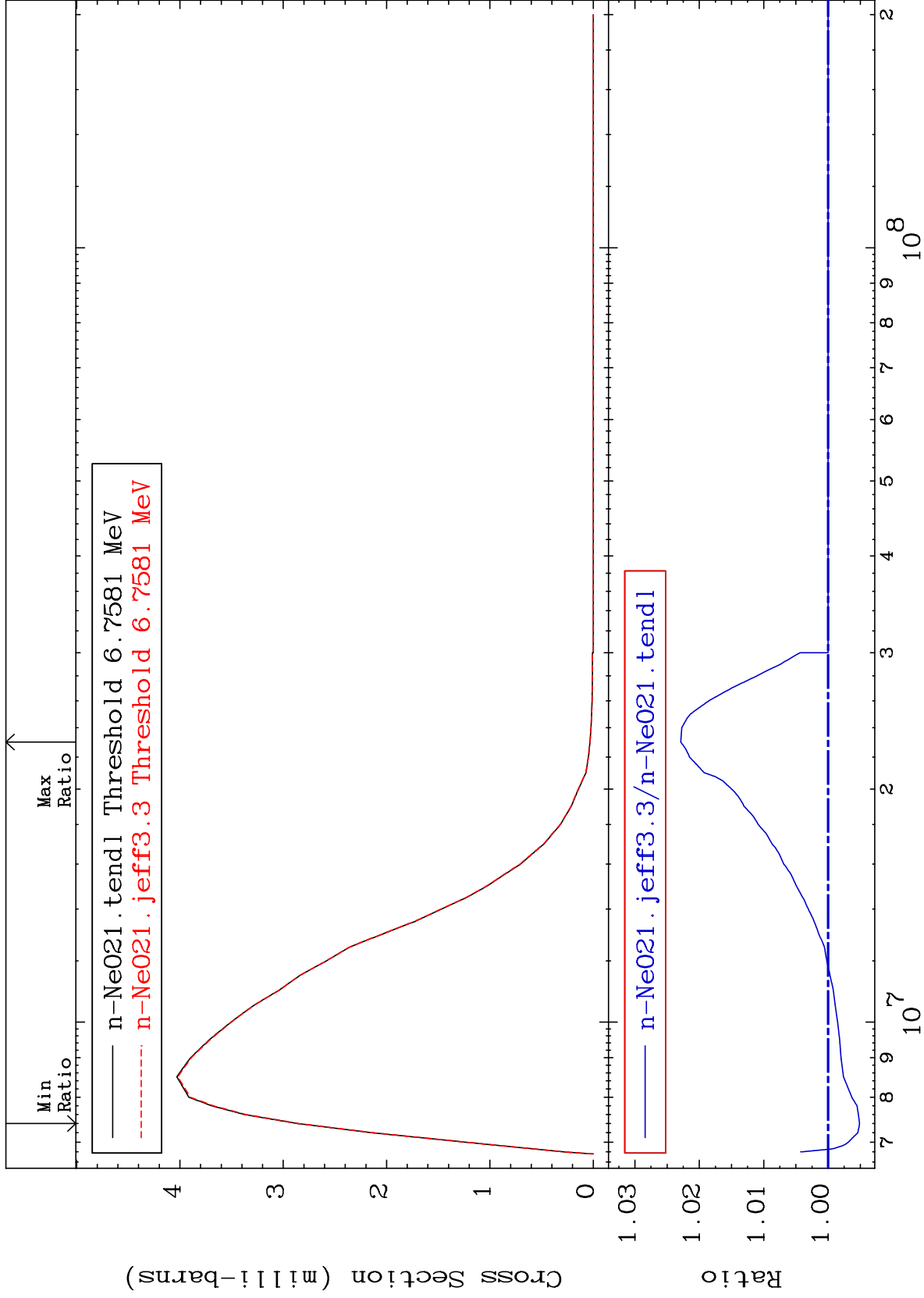
Incident Energy (eV)

10-Ne-21

MAT 1028

MT= 77 (n,n') Level
Cross Section

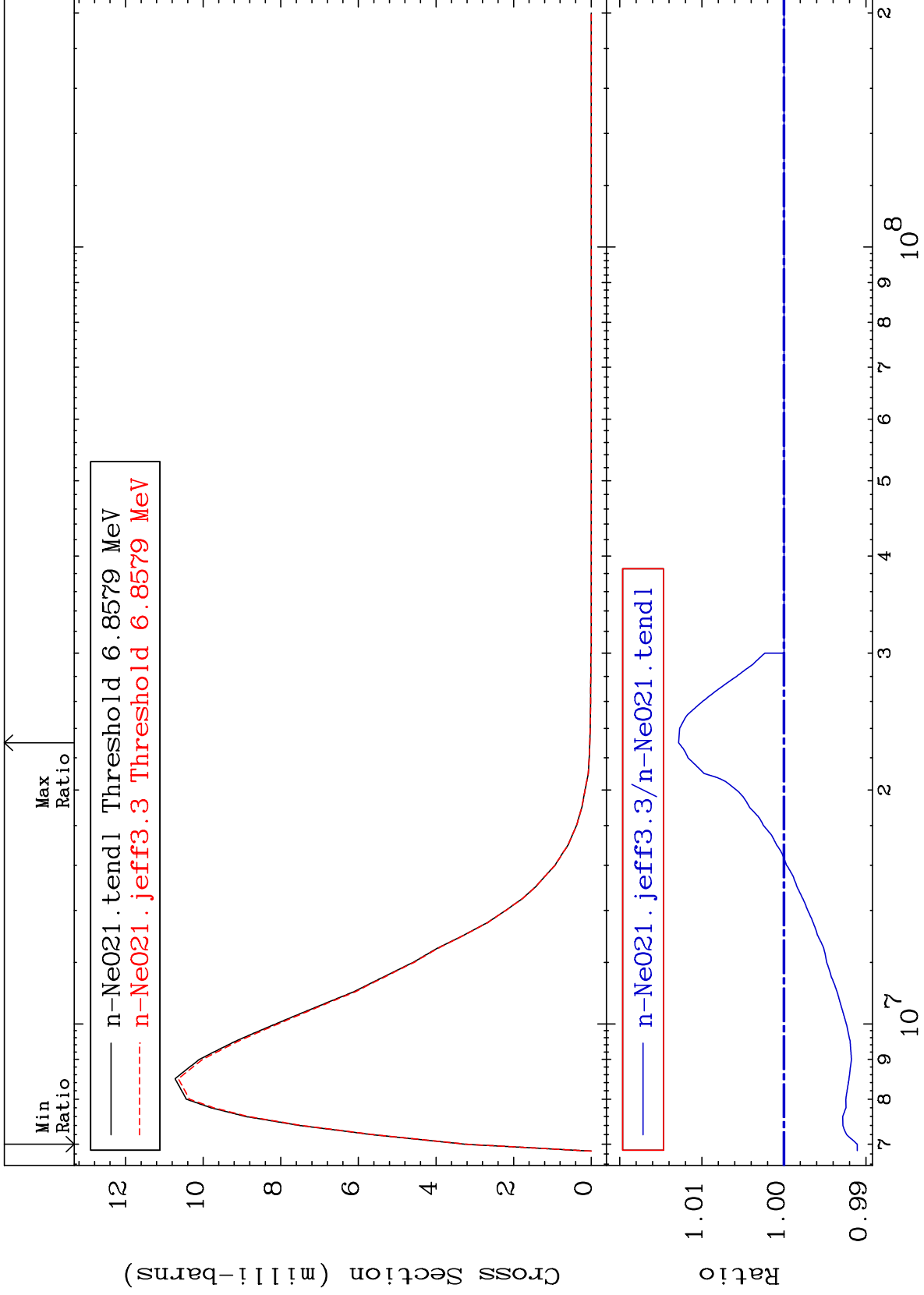
10-Ne-21
-0.488 To 2.288 %



MAT 1028

MT= 78 (n,n') Level
Cross Section

10-Ne-21
-0.893 To 1.282 %



46

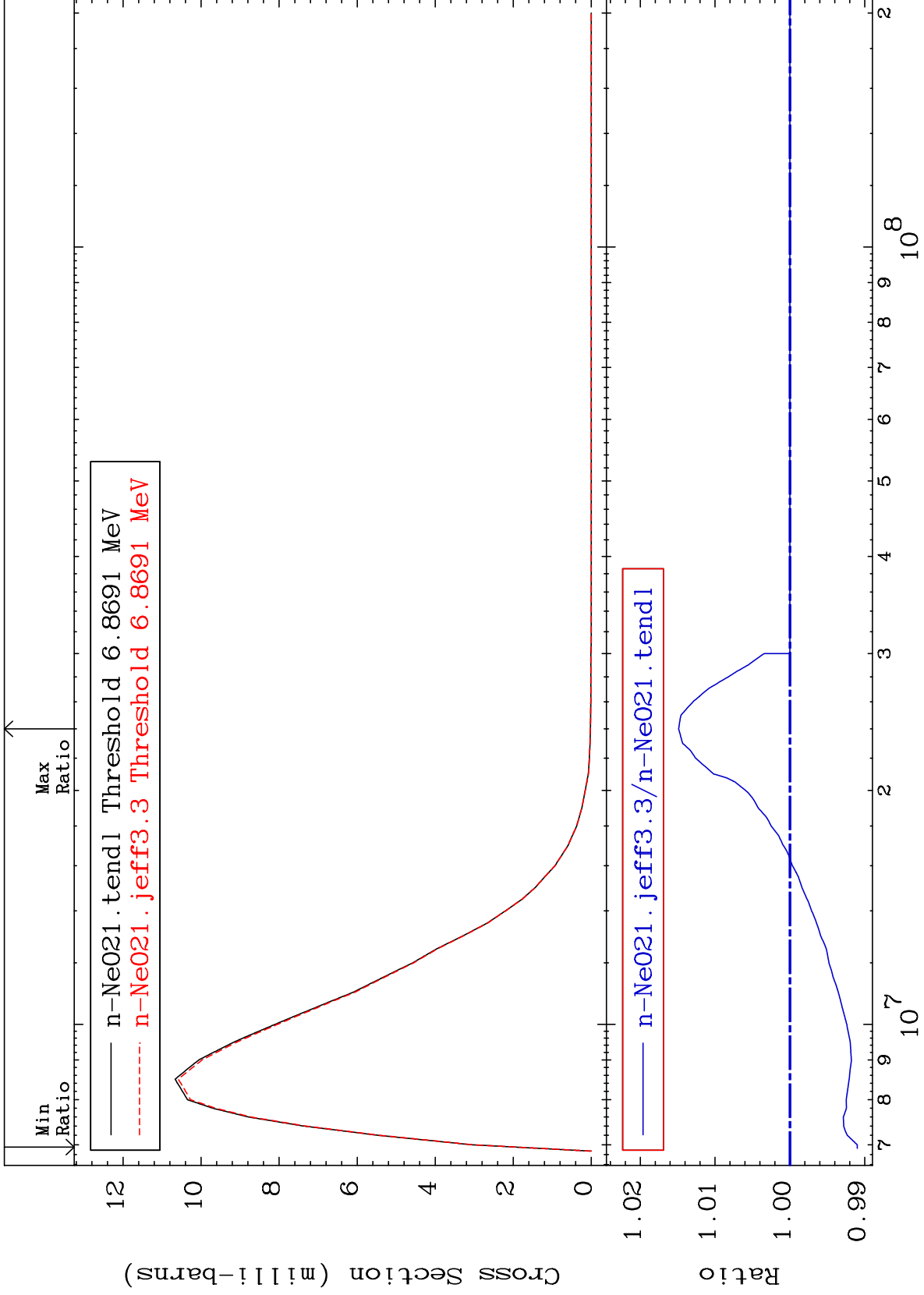
Incident Energy (eV)

10-Ne-21

MAT 1028

MT= 79 (n,n') Level
Cross Section

10-Ne-21
-0.900 To 1.487 %



47

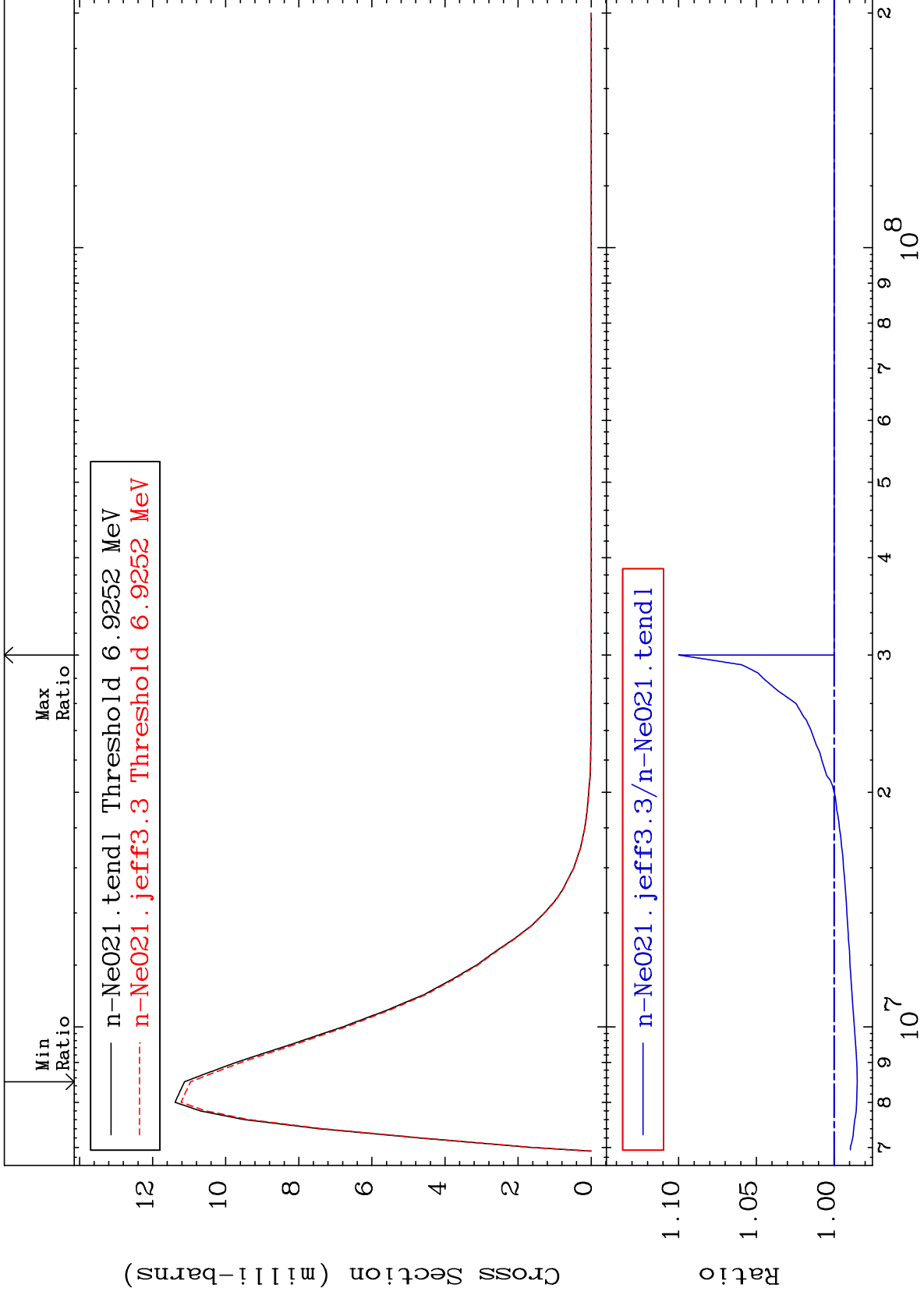
Incident Energy (eV)

10-Ne-21

MAT 1028

MT= 80 (n,n') Level
Cross Section

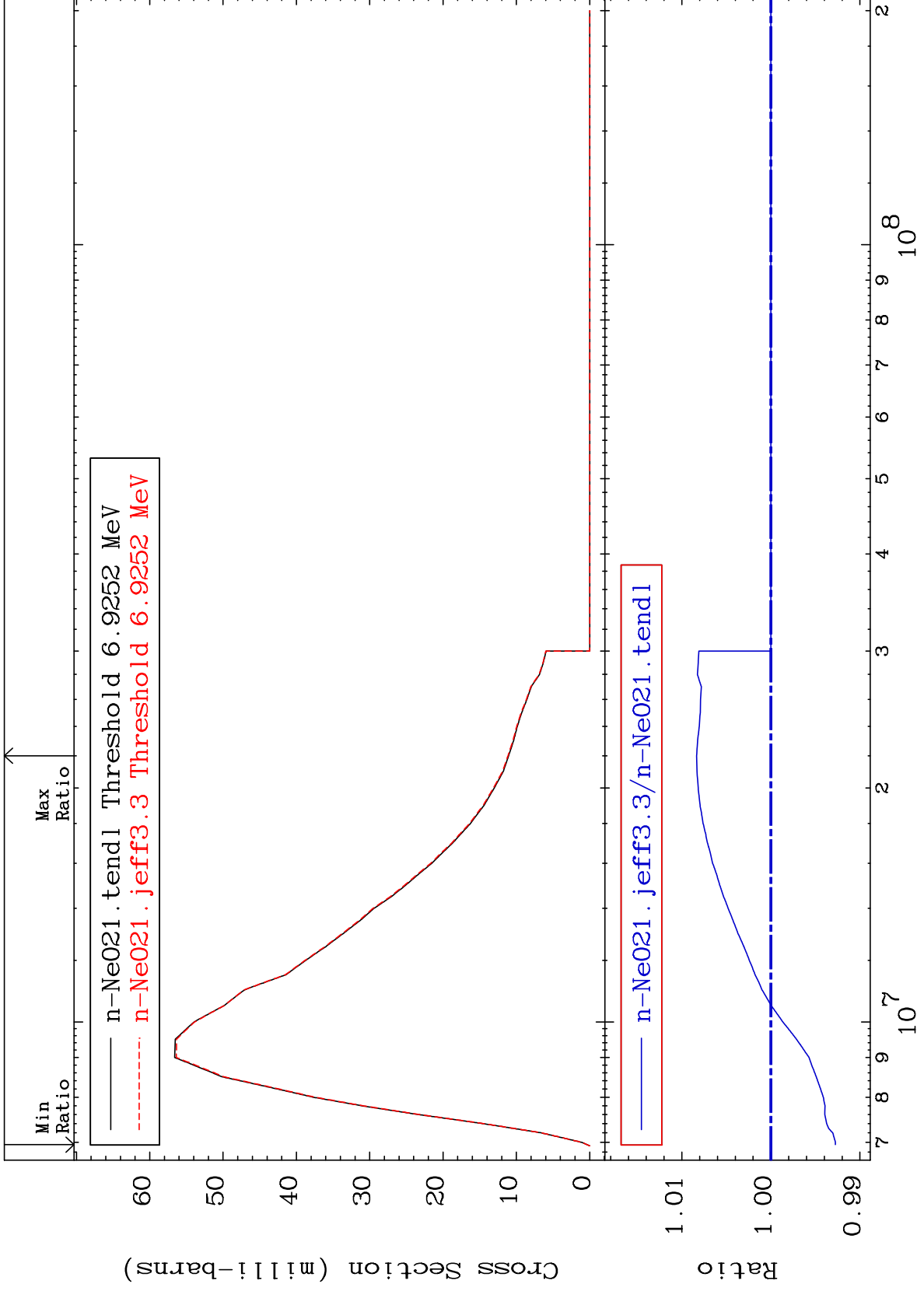
10-Ne-21
-1.490 To 9.997 %



MAT 1028

(n, n') Continuum
Cross Section

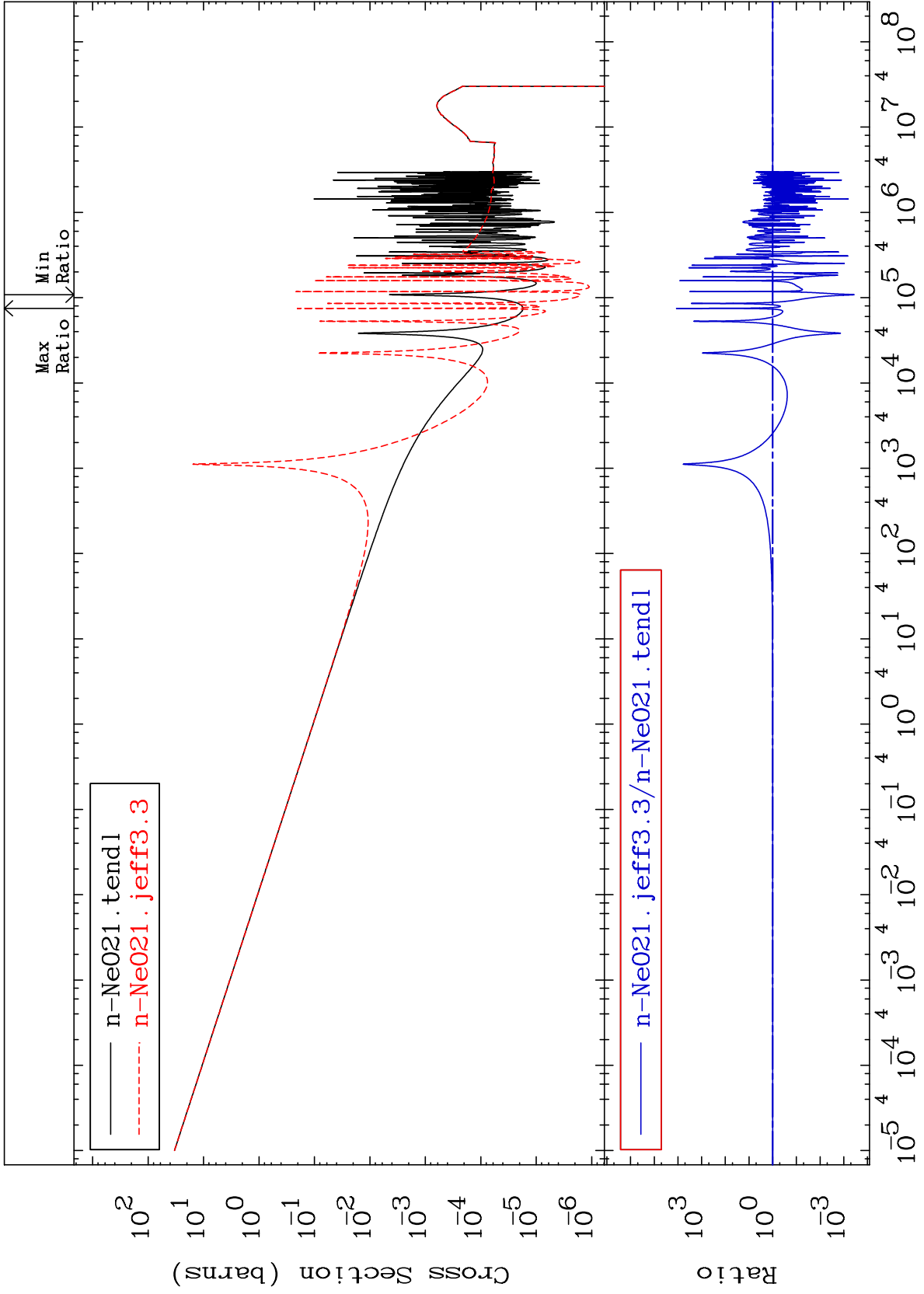
10-Ne-21
-0.724 To 0.834 %



MAT 1028

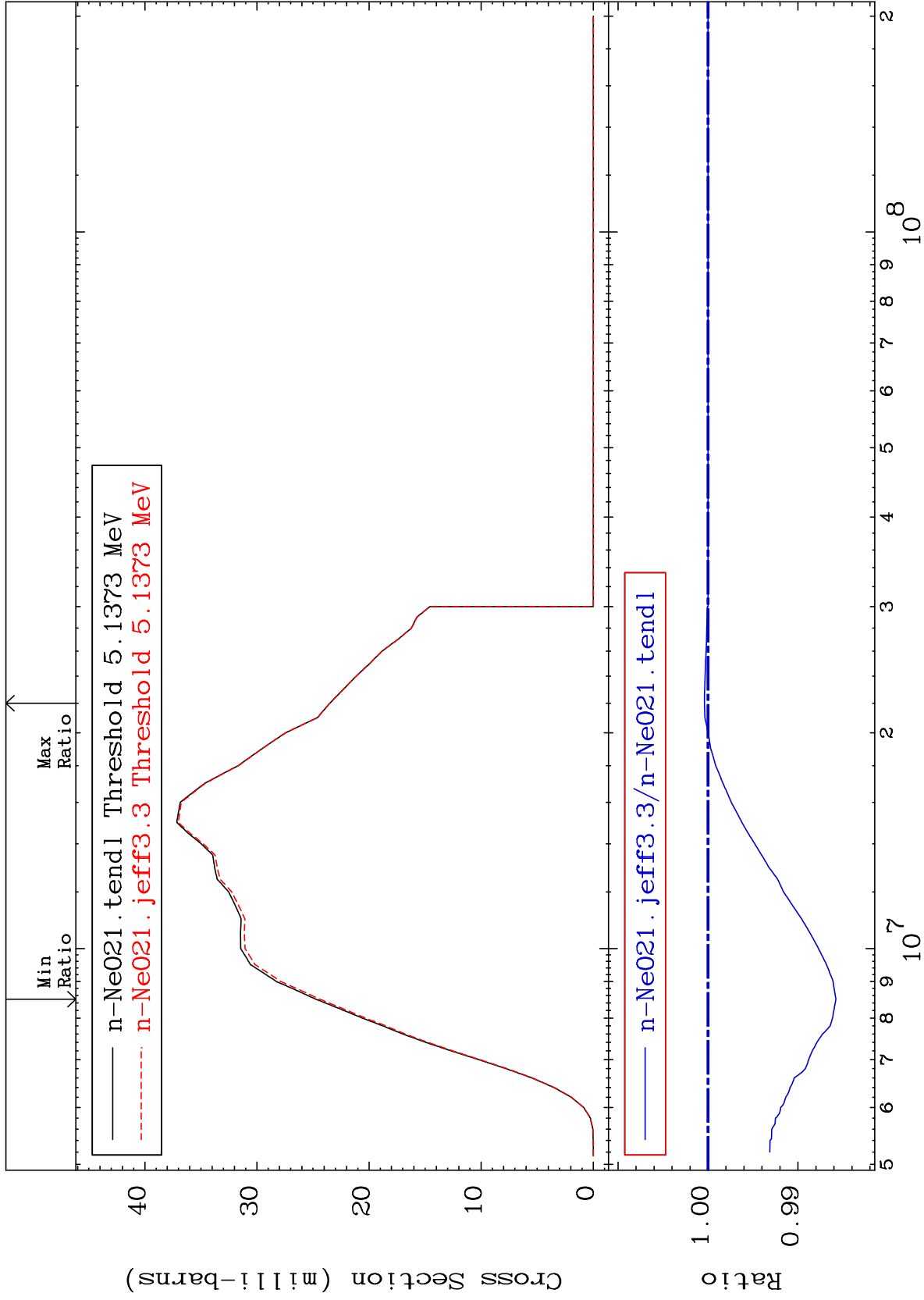
(n, γ)
Cross Section

10-Ne-21
-99.96 To 9999. %



MAT 1028

(n,p) Cross Section
10-Ne-21
-1.421 To 0.040 %



51

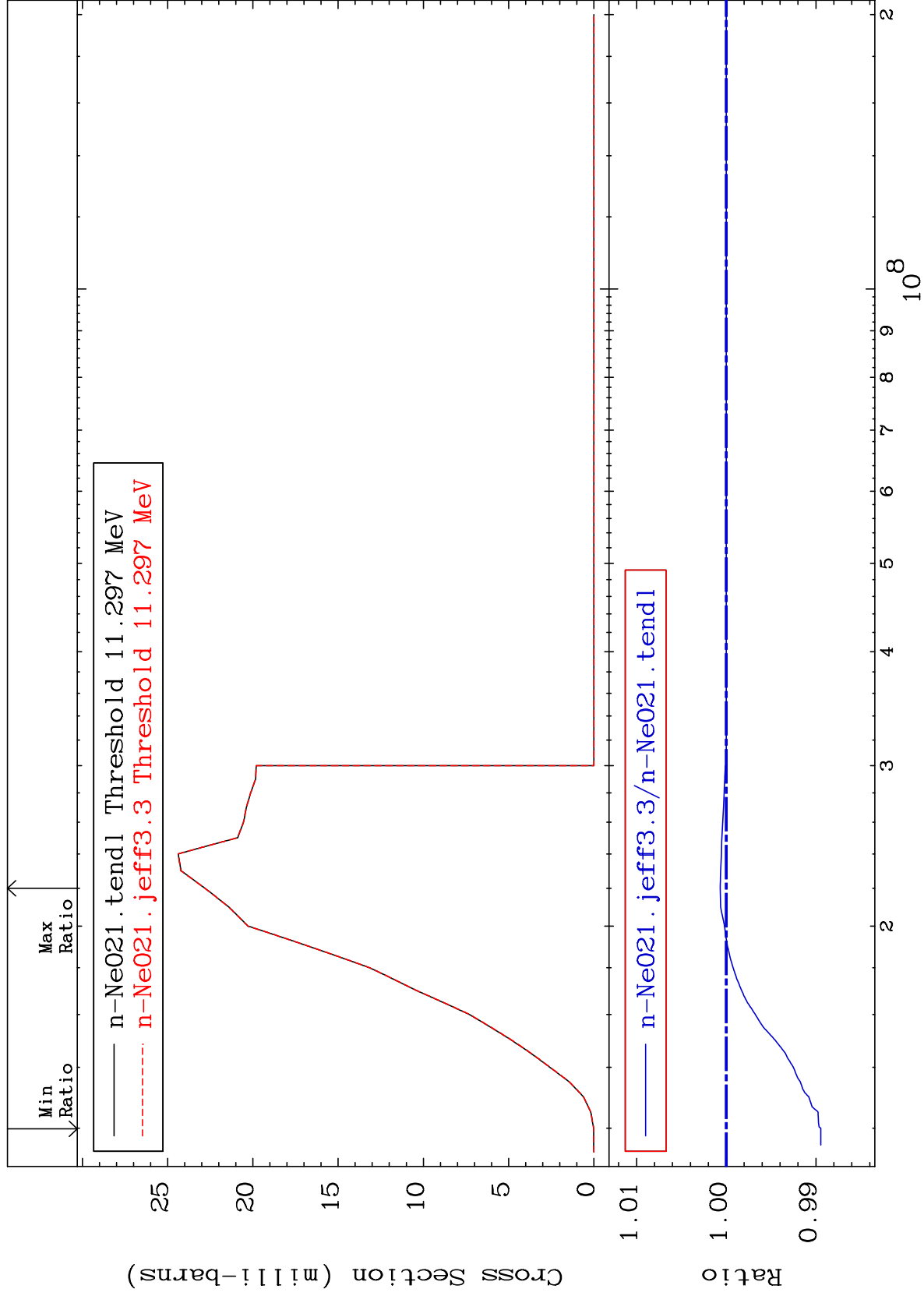
10-Ne-21

MAT 1028

10-Ne-21

(n, d)
Cross Section

-1.053 To 0.068 %



52

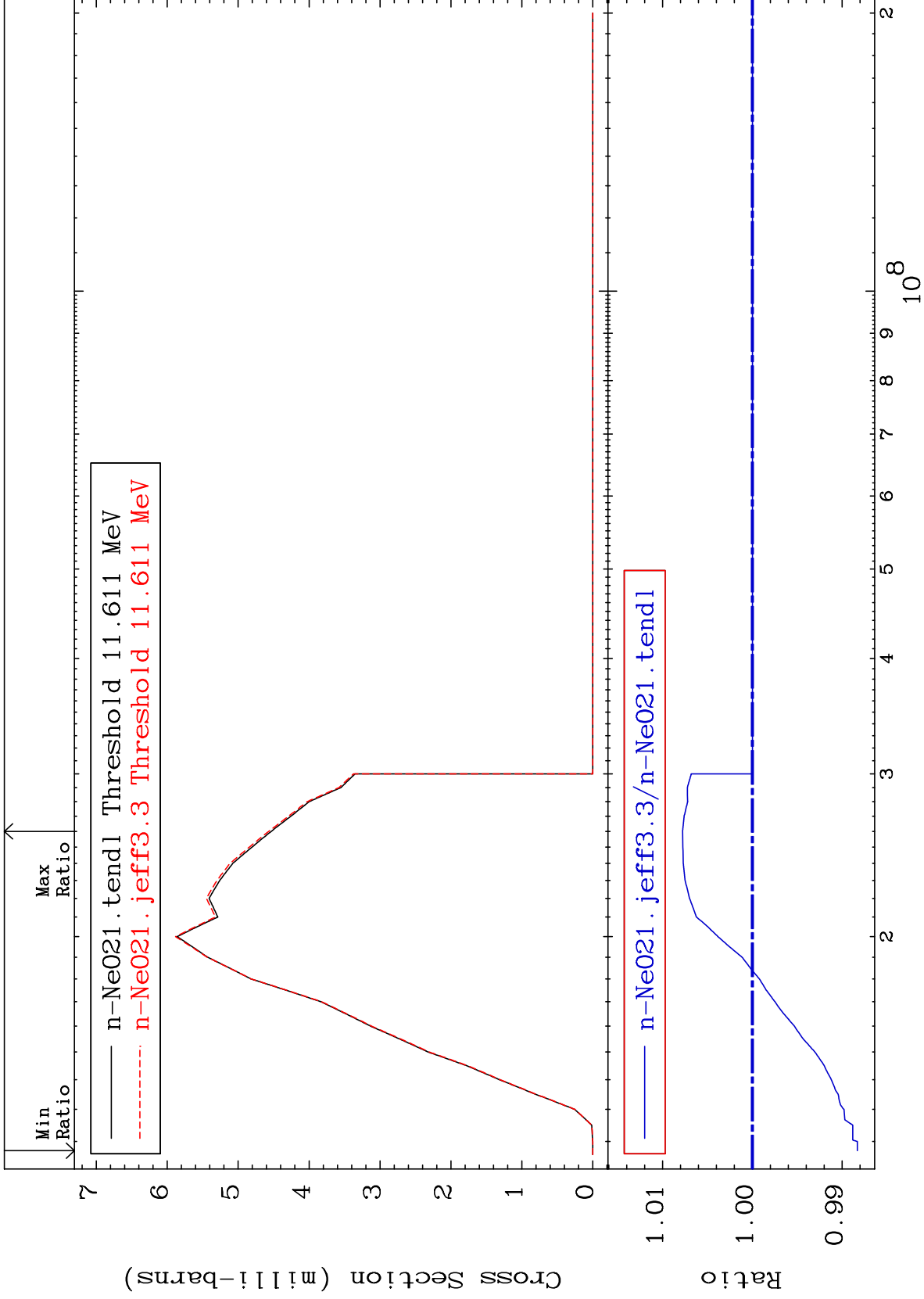
Incident Energy (eV)

10-Ne-21

MAT 1028

(n, t)
Cross Section

10-Ne-21
-1.169 To 0.778 %



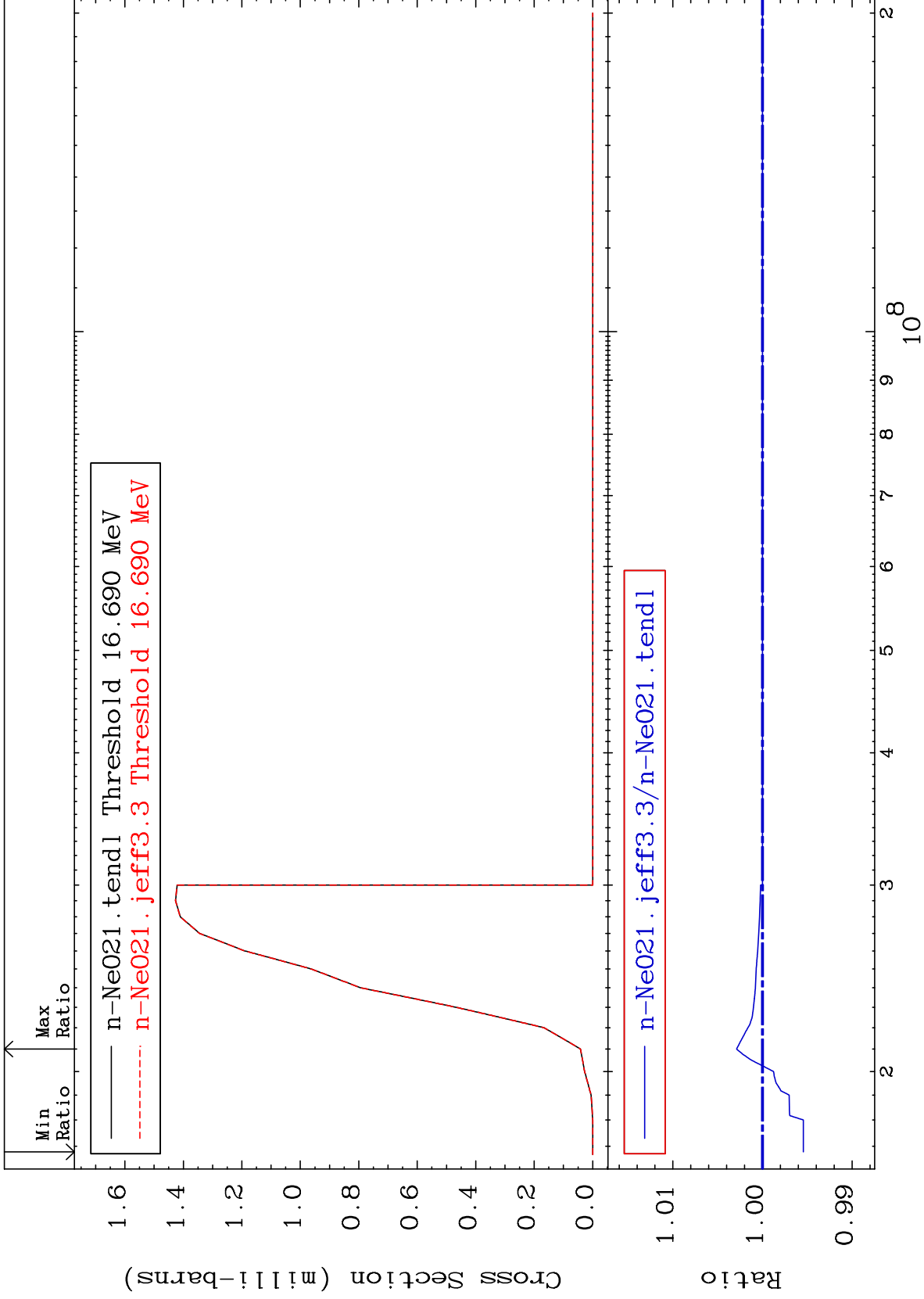
MAT 1028

(n, He-3)

10-Ne-21

Cross Section

-0.455 To 0.290 %

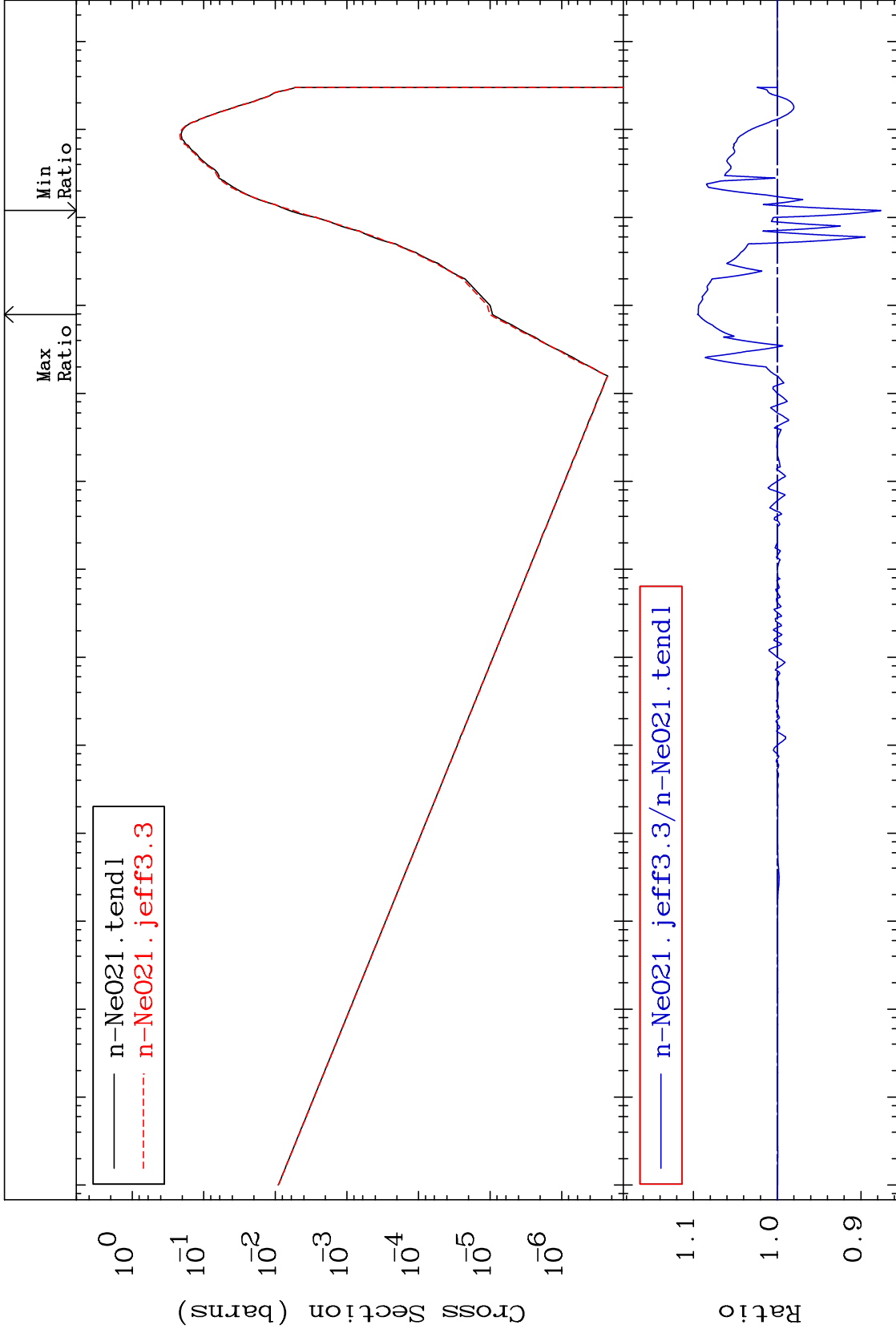


MAT 1028

(n, α)
Cross Section

10-Ne-21

-12.41 To 9.515 %



Incident Energy (eV)

10-Ne-21

55

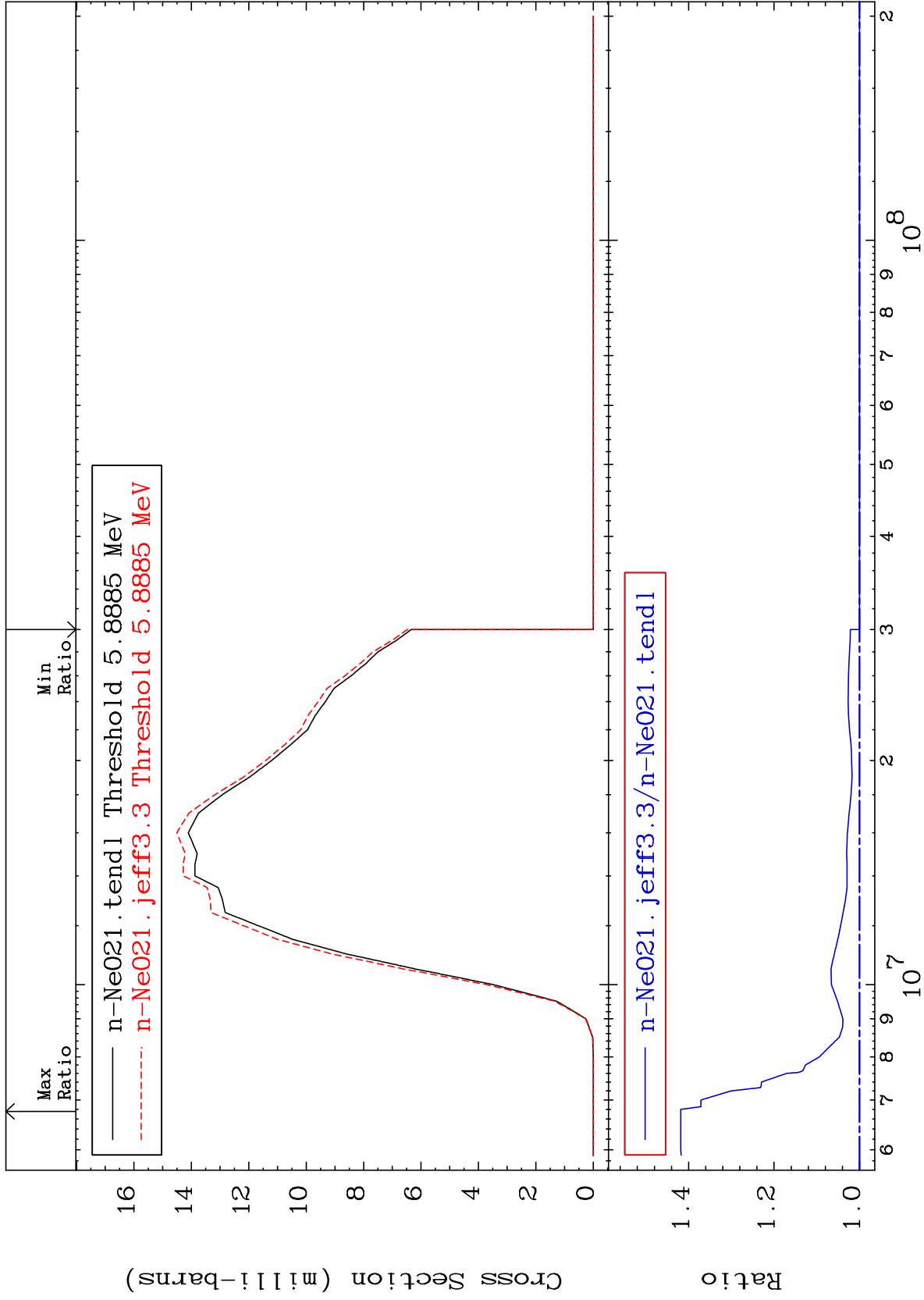
MAT 1028

(n,2α)

10-Ne-21

Cross Section

0.000 To 41.83 %



MAT 1028

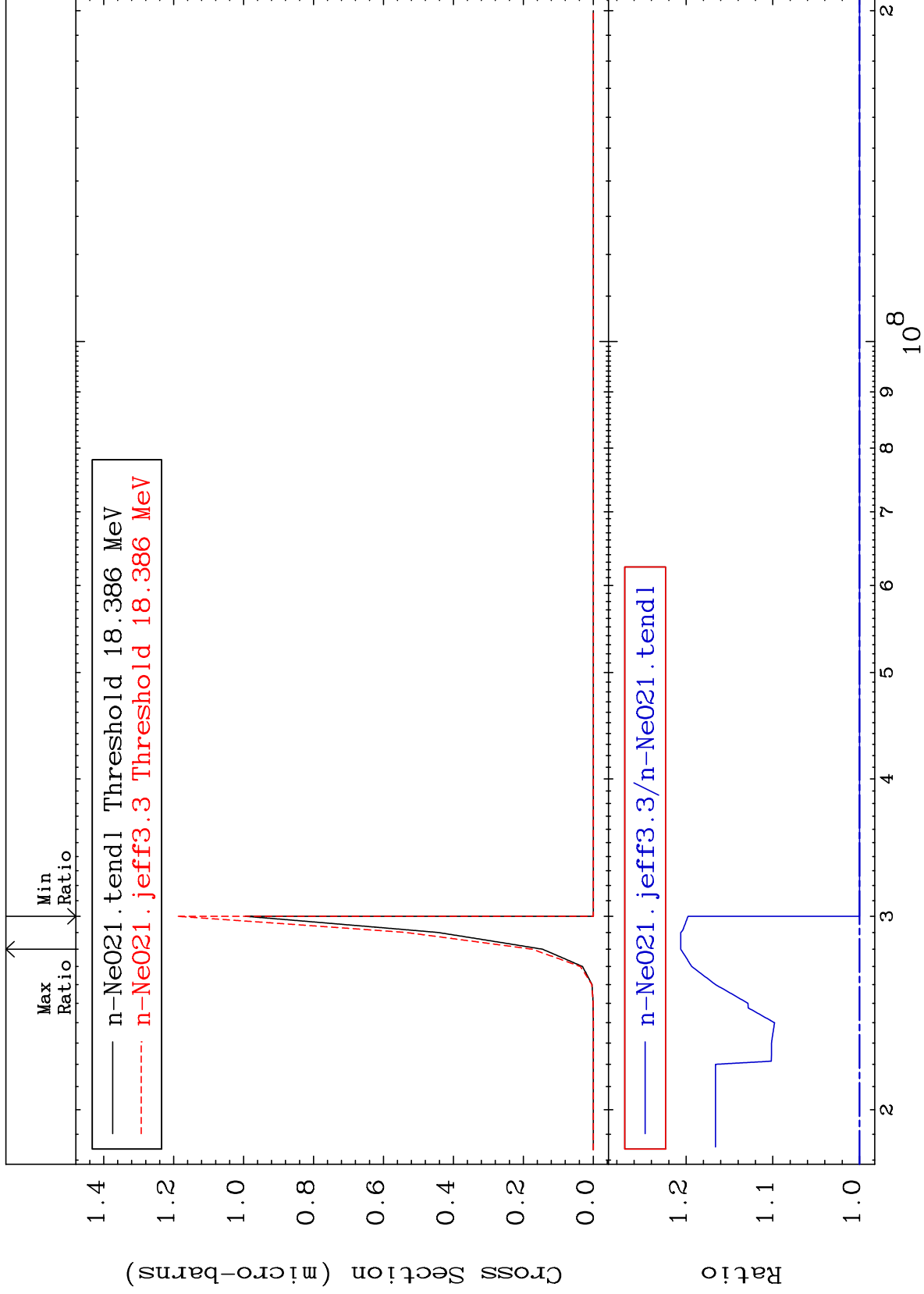
(n, 3α)

10-Ne-21

Cross Section

0.000

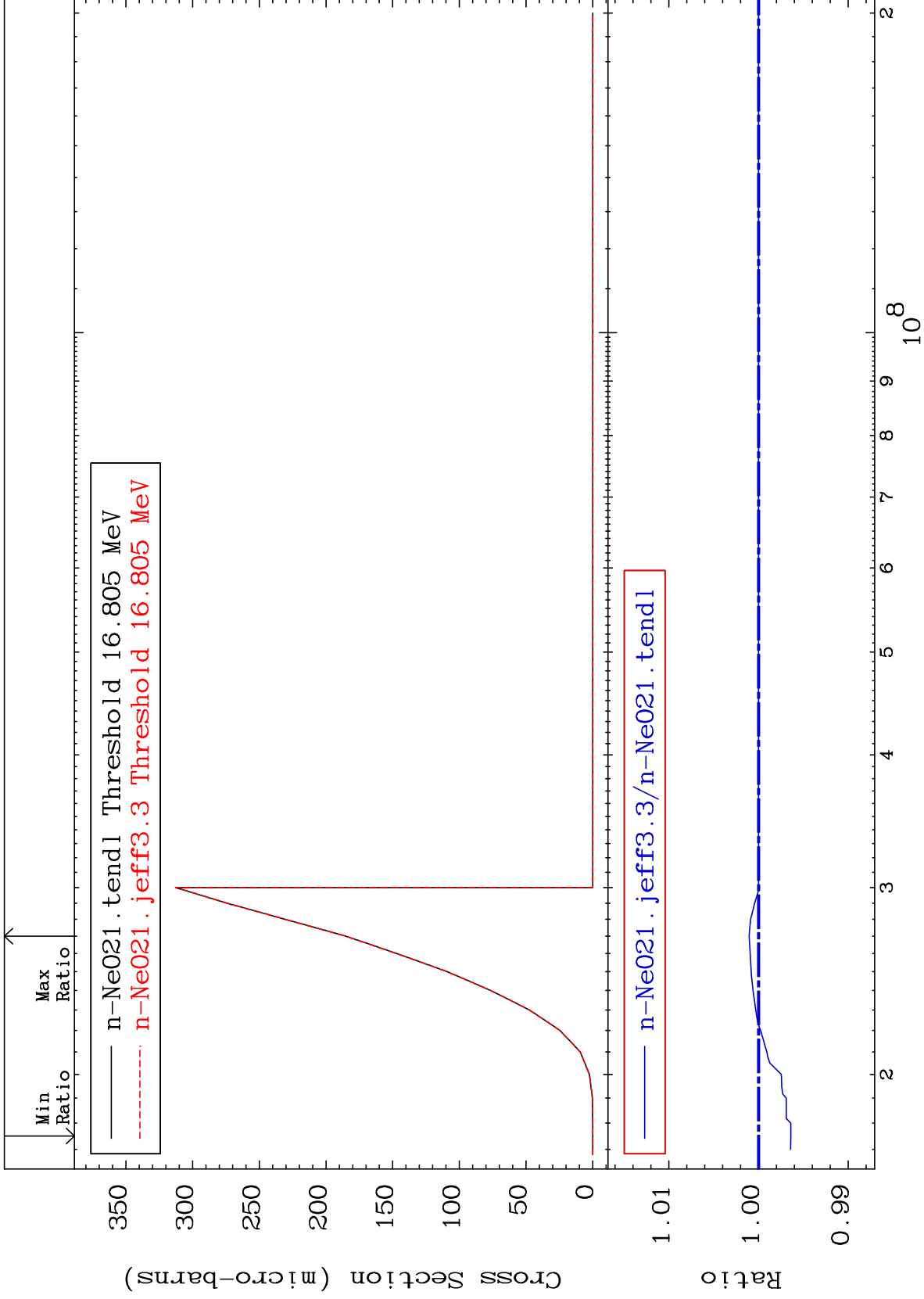
To 20.61 %

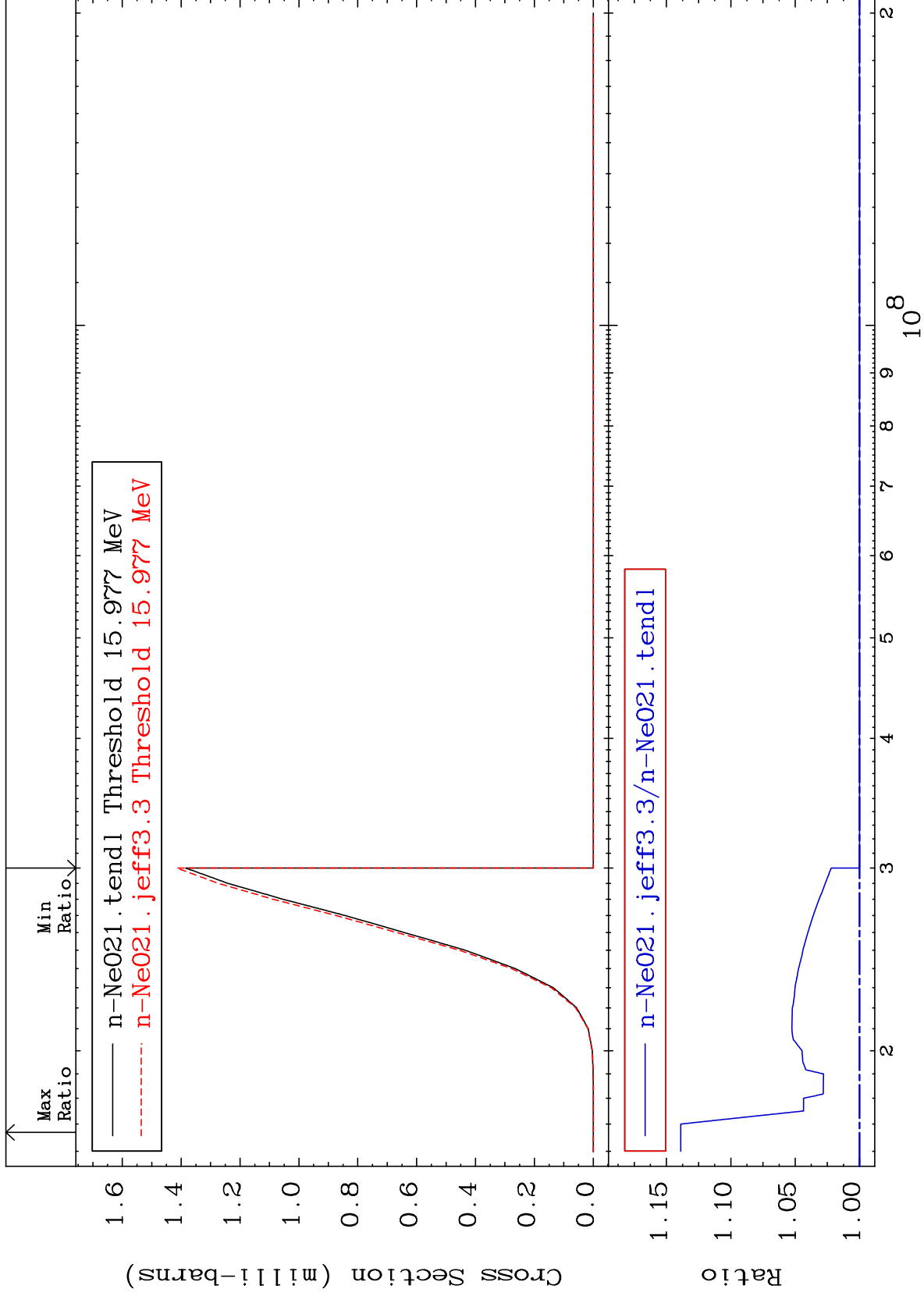


57

10-Ne-21

10-Ne-21

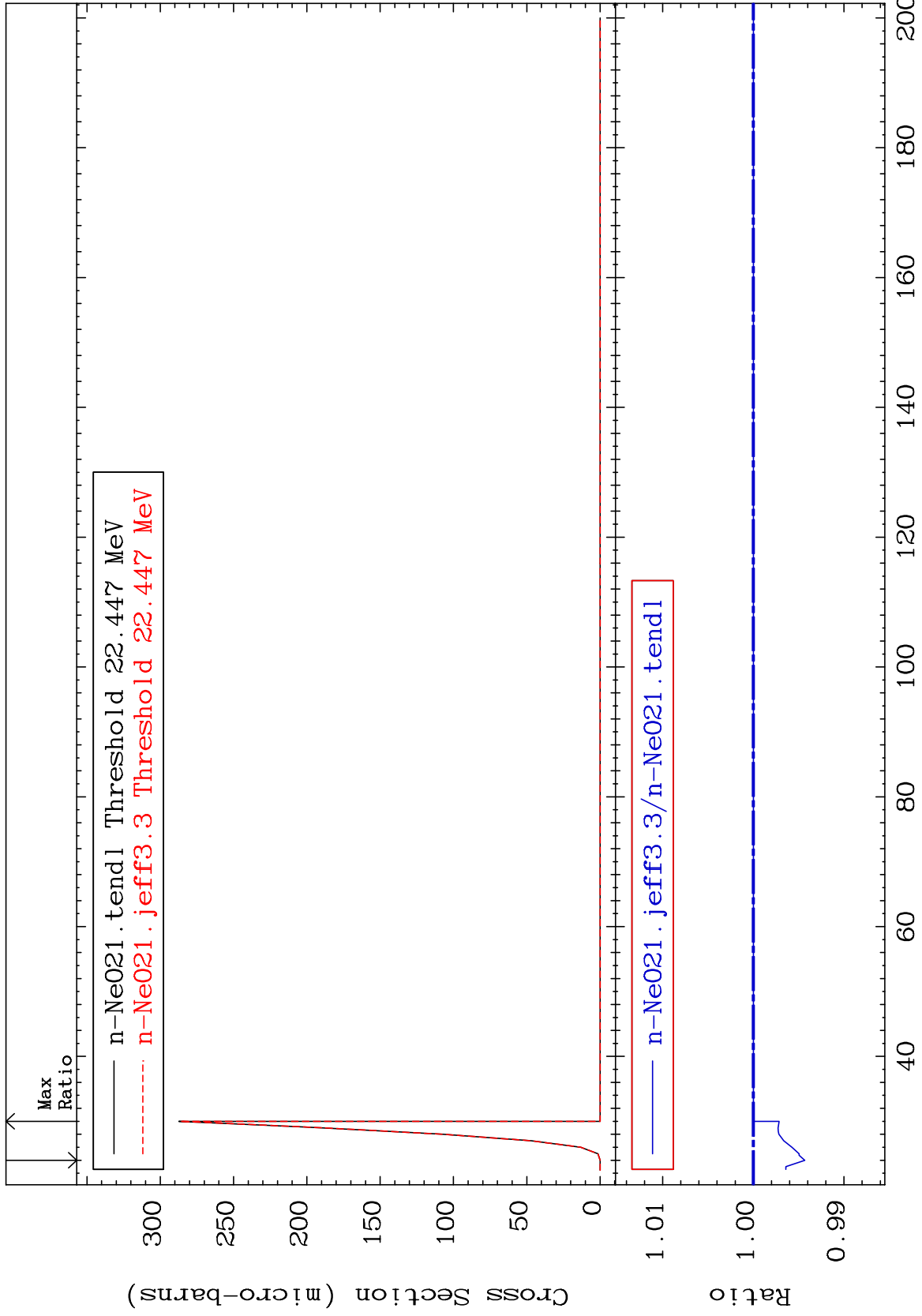




MAT 1028

(n,p) d
Cross Section

10-Ne-21
-0.566 To 0.000 %



60

Incident Energy (MeV)

10-Ne-21

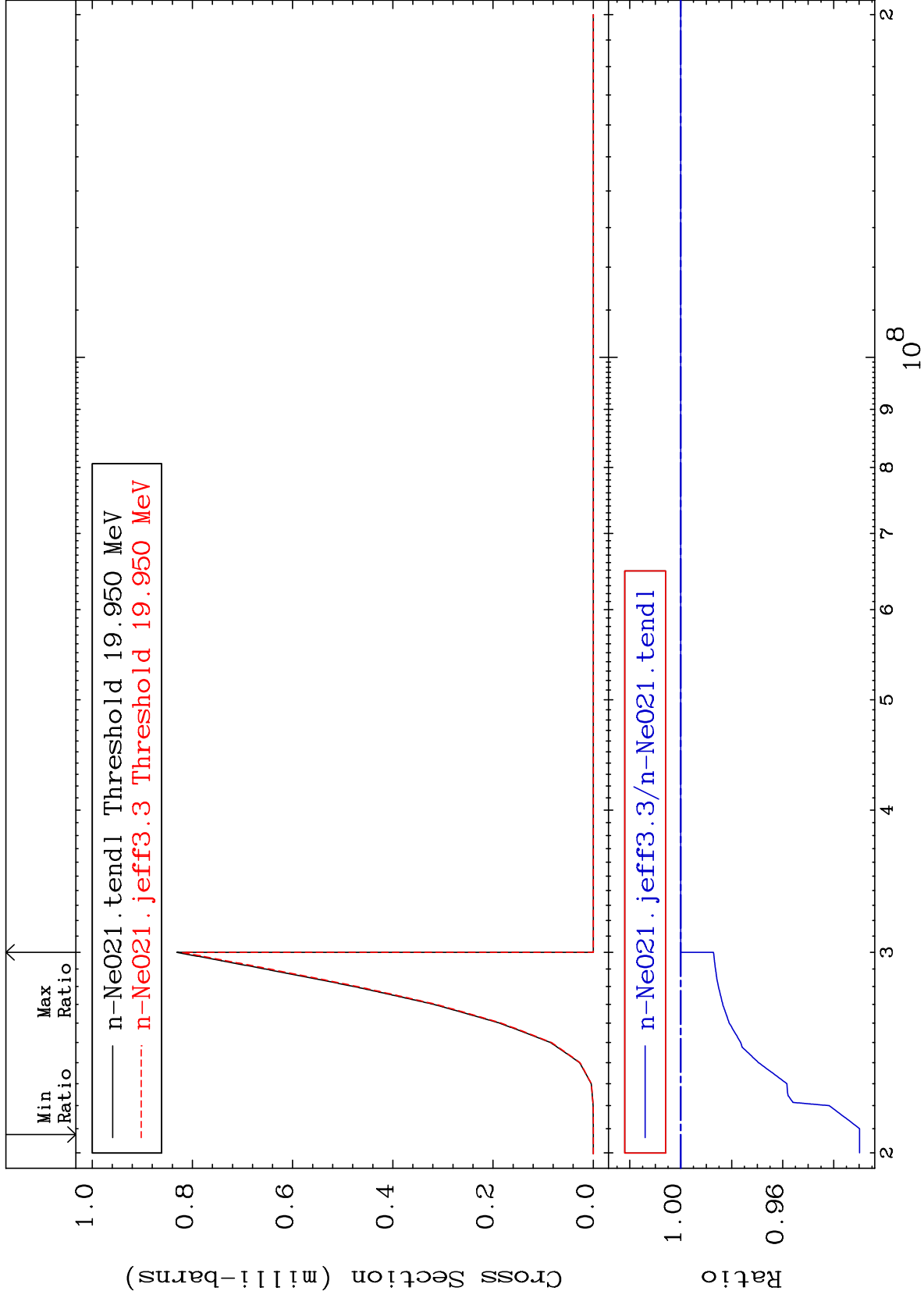
MAT 1028

(n, p) t

10-Ne-21

Cross Section

-7.014 To 0.000 %



61

10-Ne-21

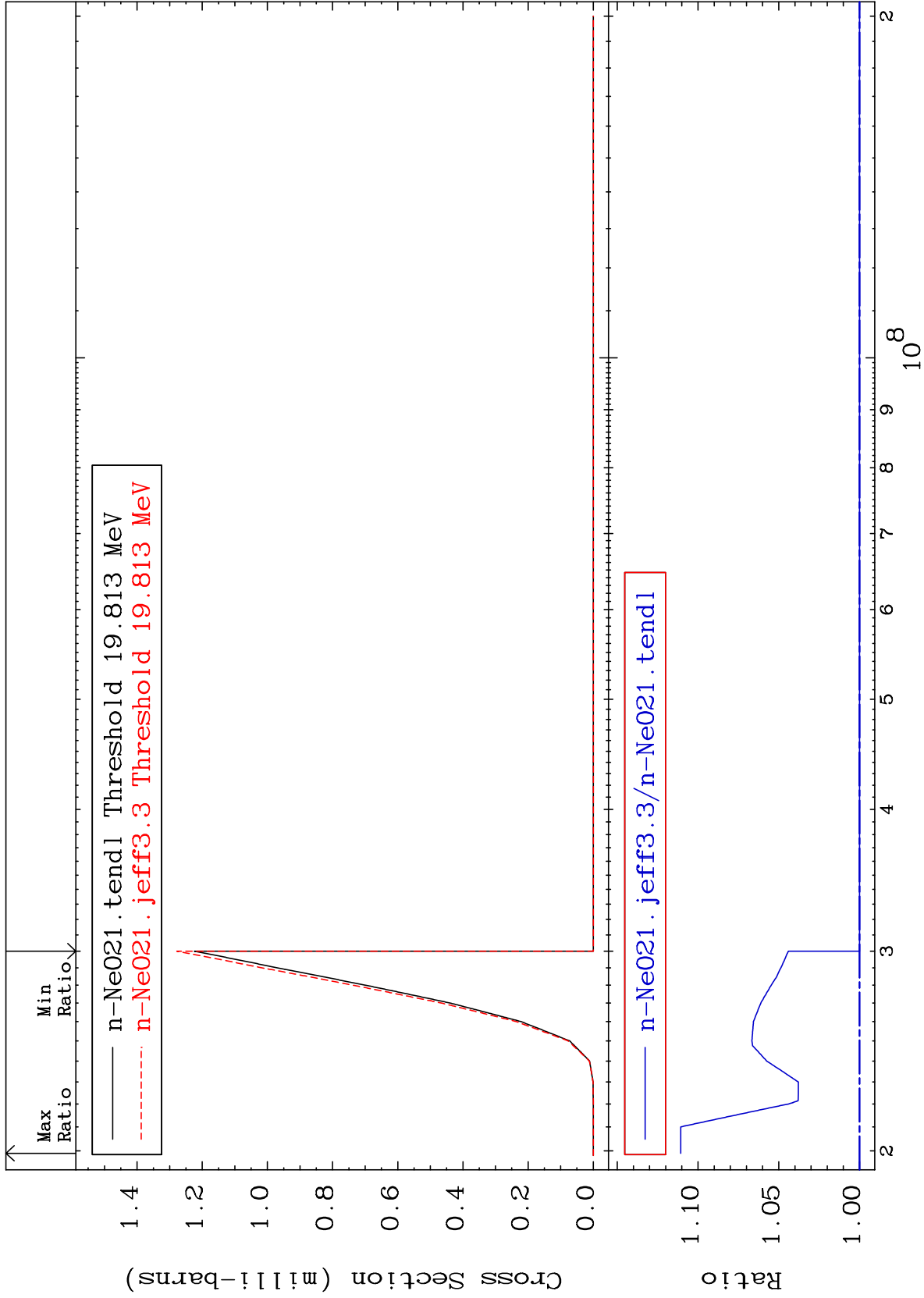
10-Ne-21

MAT 1028

(n, d) α
Cross Section

10-Ne-21

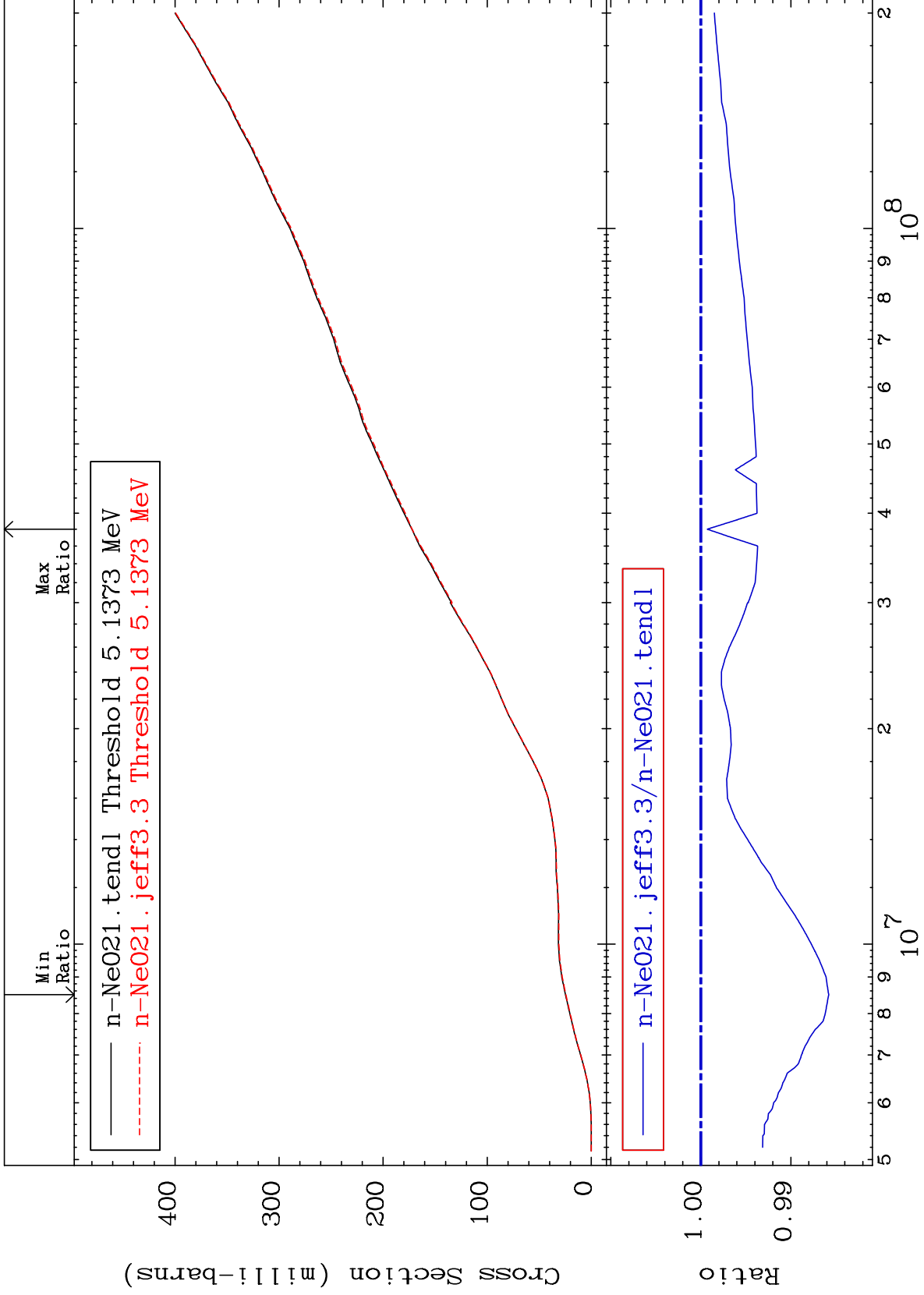
0.000 To 11.07 %

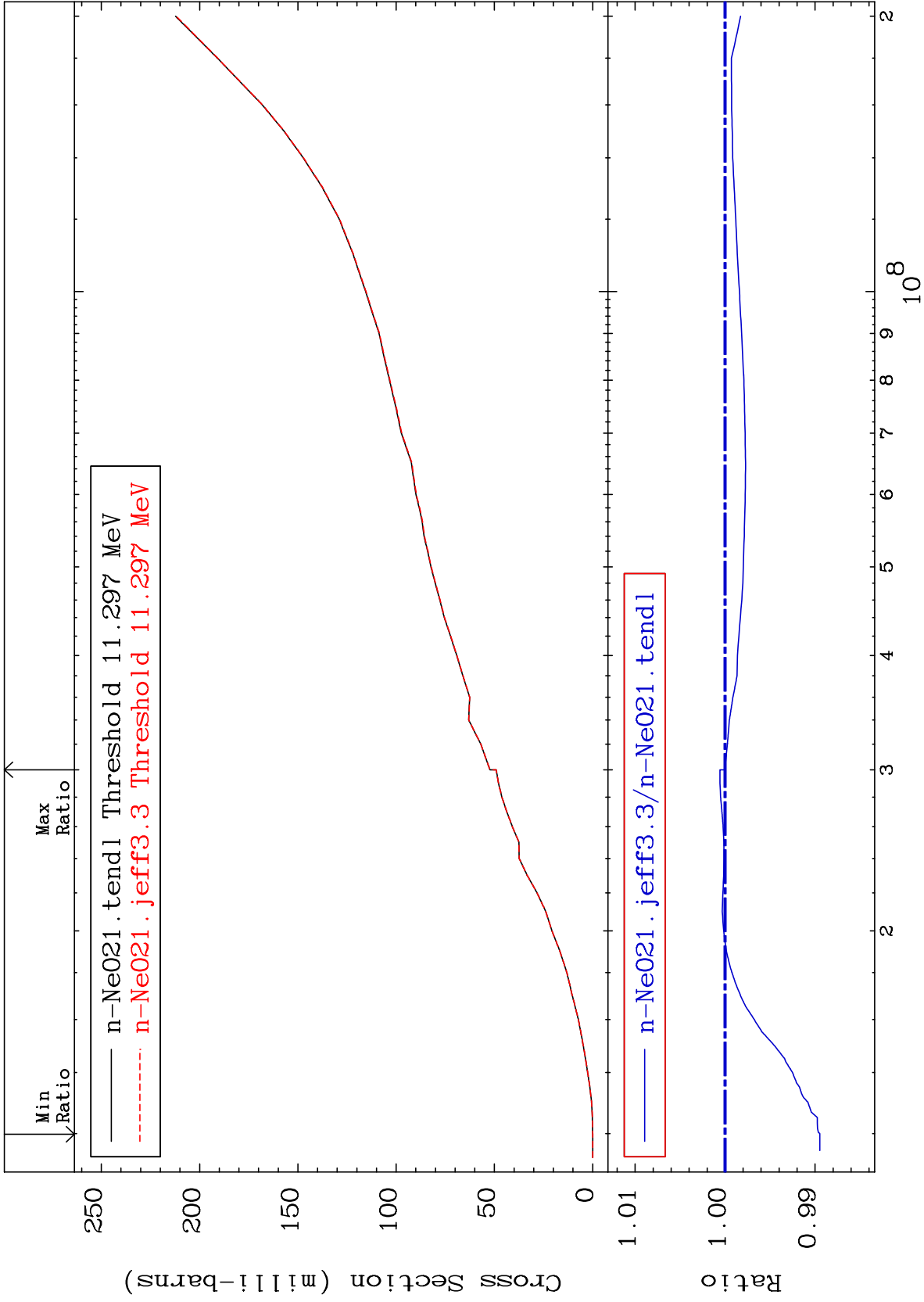


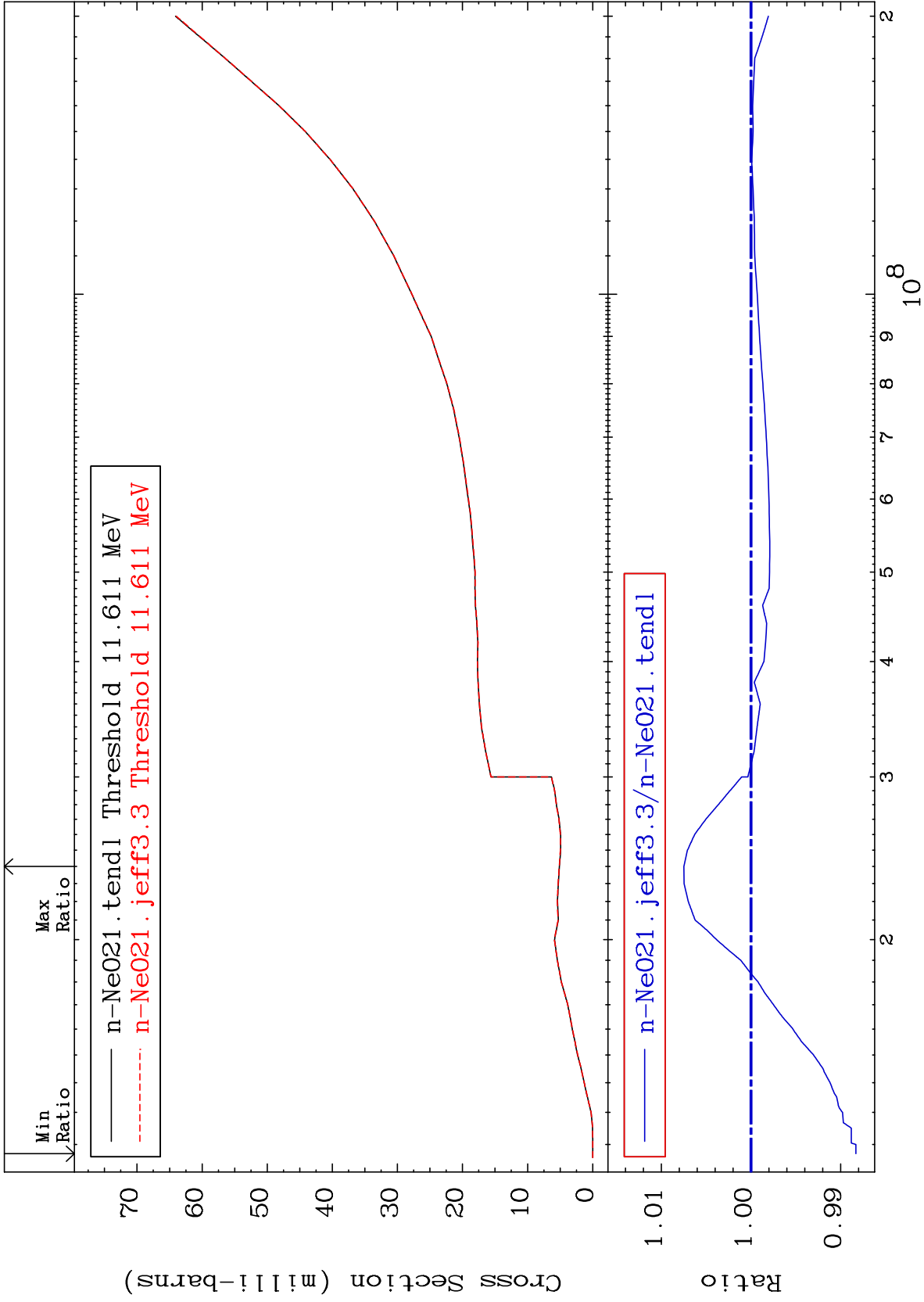
MAT 1028

Hydrogen Production
Cross Section

10-Ne-21
-1.421 To -0.071%



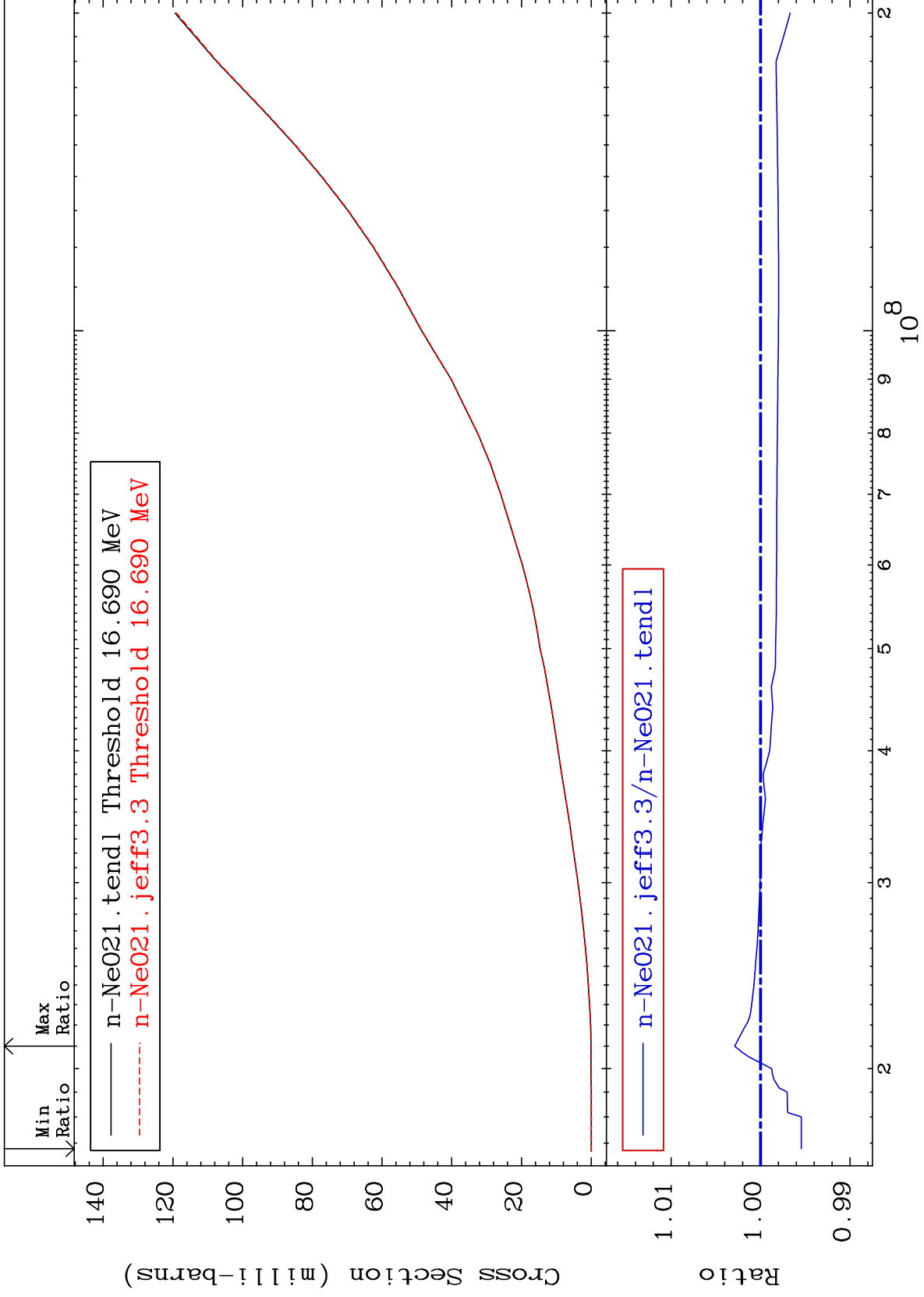




MAT 1028

He-3 Production
Cross Section

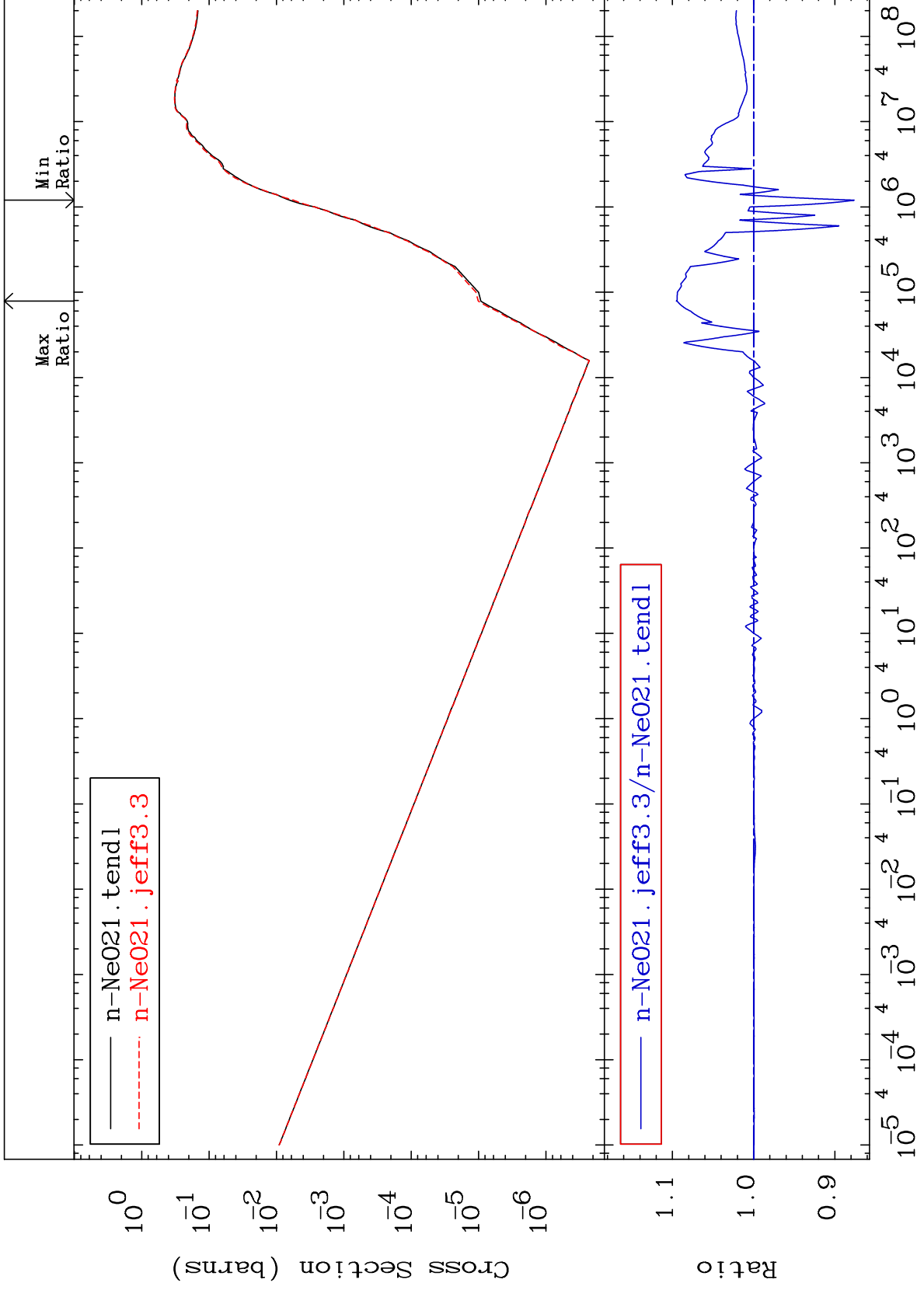
10-Ne-21
-0.455 To 0.290 %



MAT 1028

He-4 Production
Cross Section

10-Ne-21
-12.41 To 9.515 %



67

Incident Energy (eV)

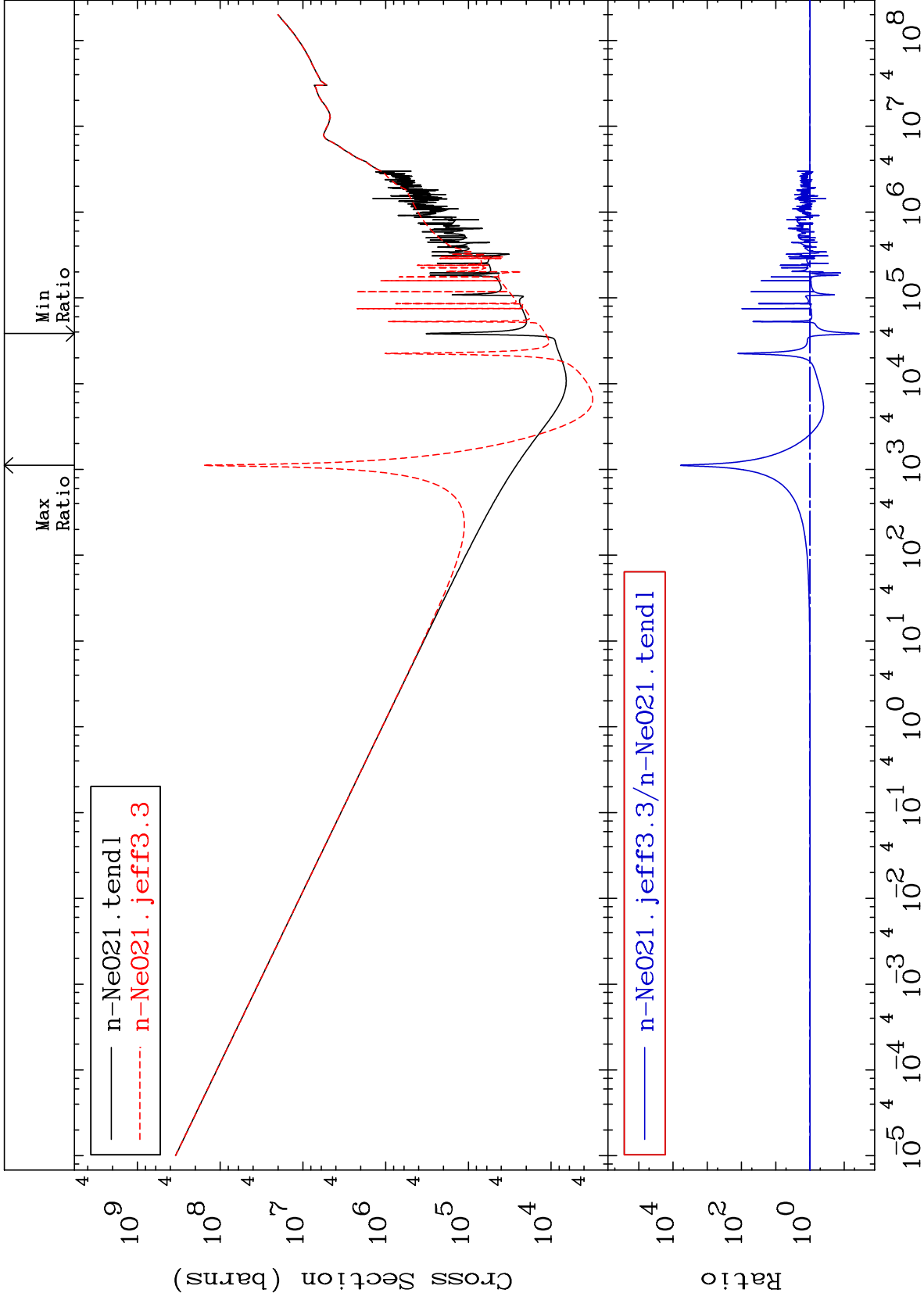
10-Ne-21

MAT 1028

Kerma total (eV-barns)

10-Ne-21

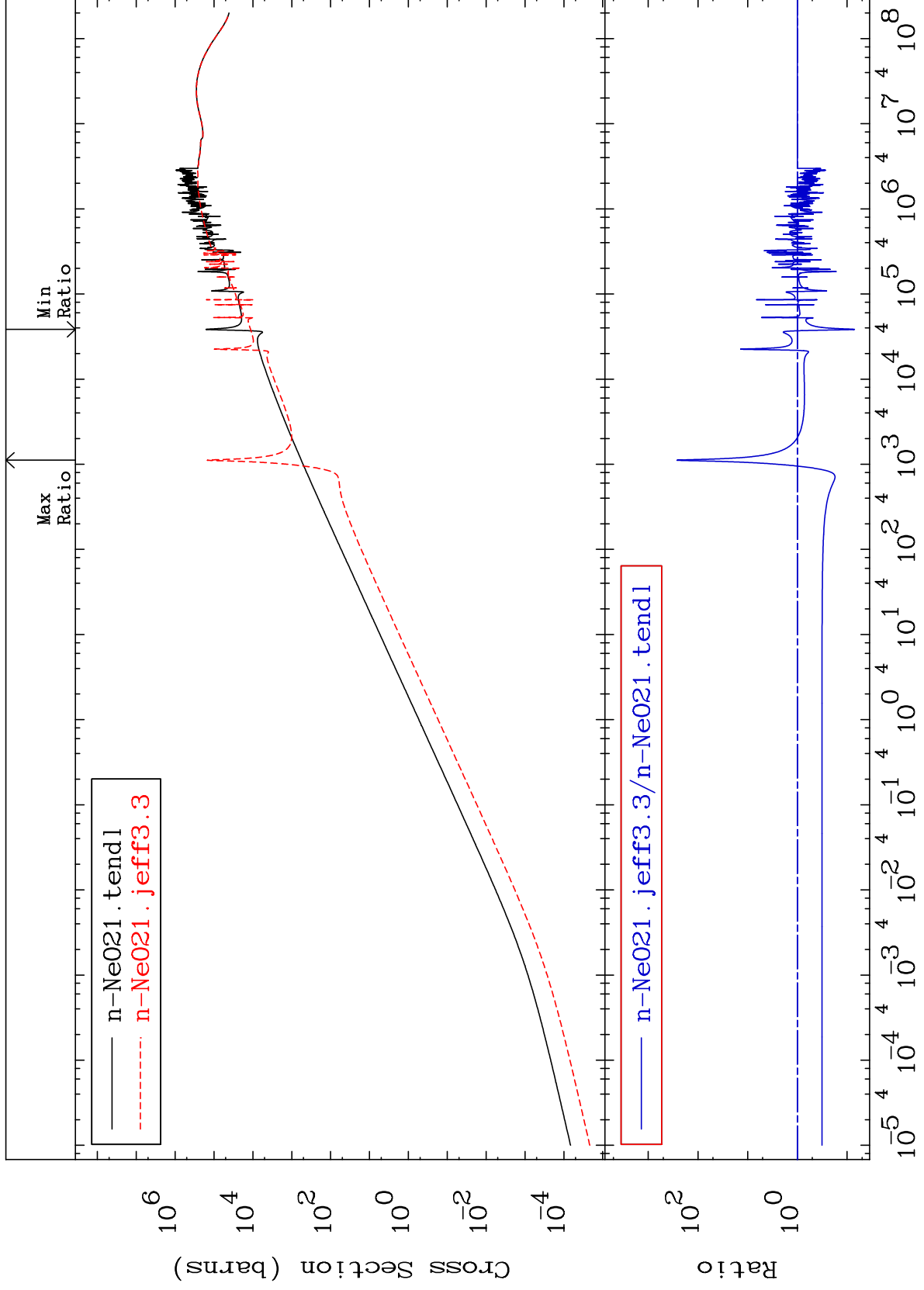
-96.41 To 9999. %



MAT 1028

Kerma elastic
Cross Section

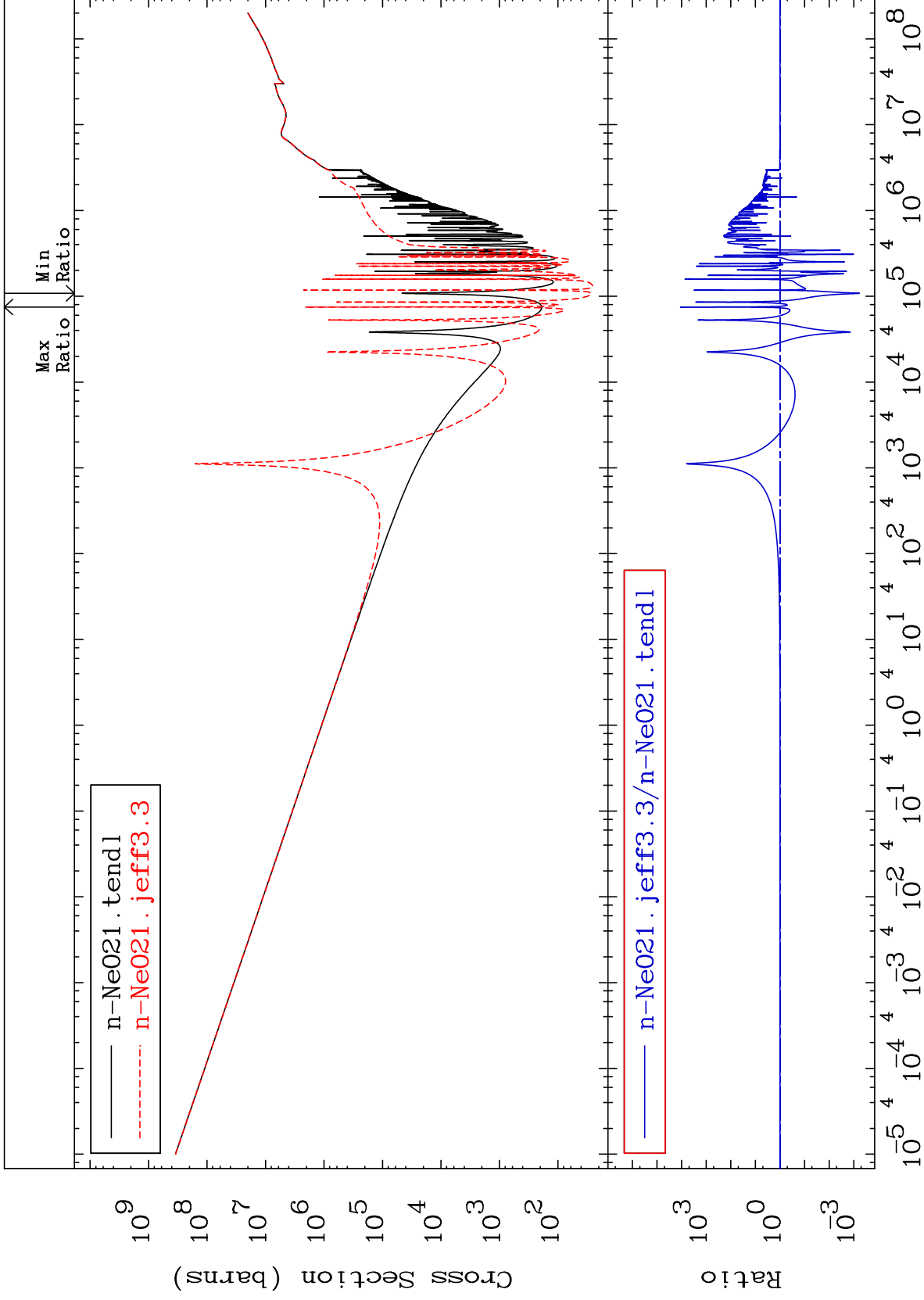
10-Ne-21
-92.91 To 9999. %

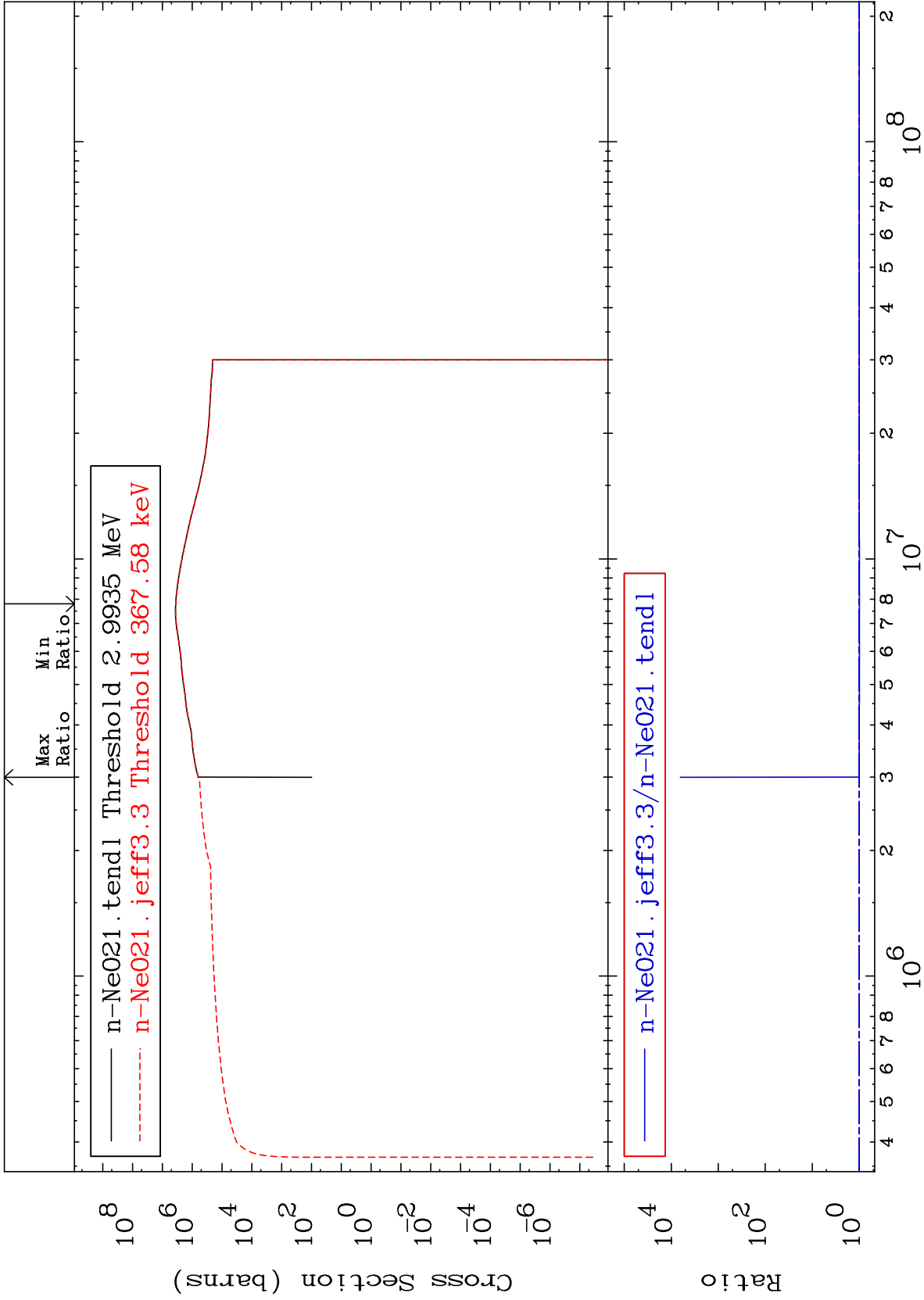


69

Incident Energy (eV)

10-Ne-21

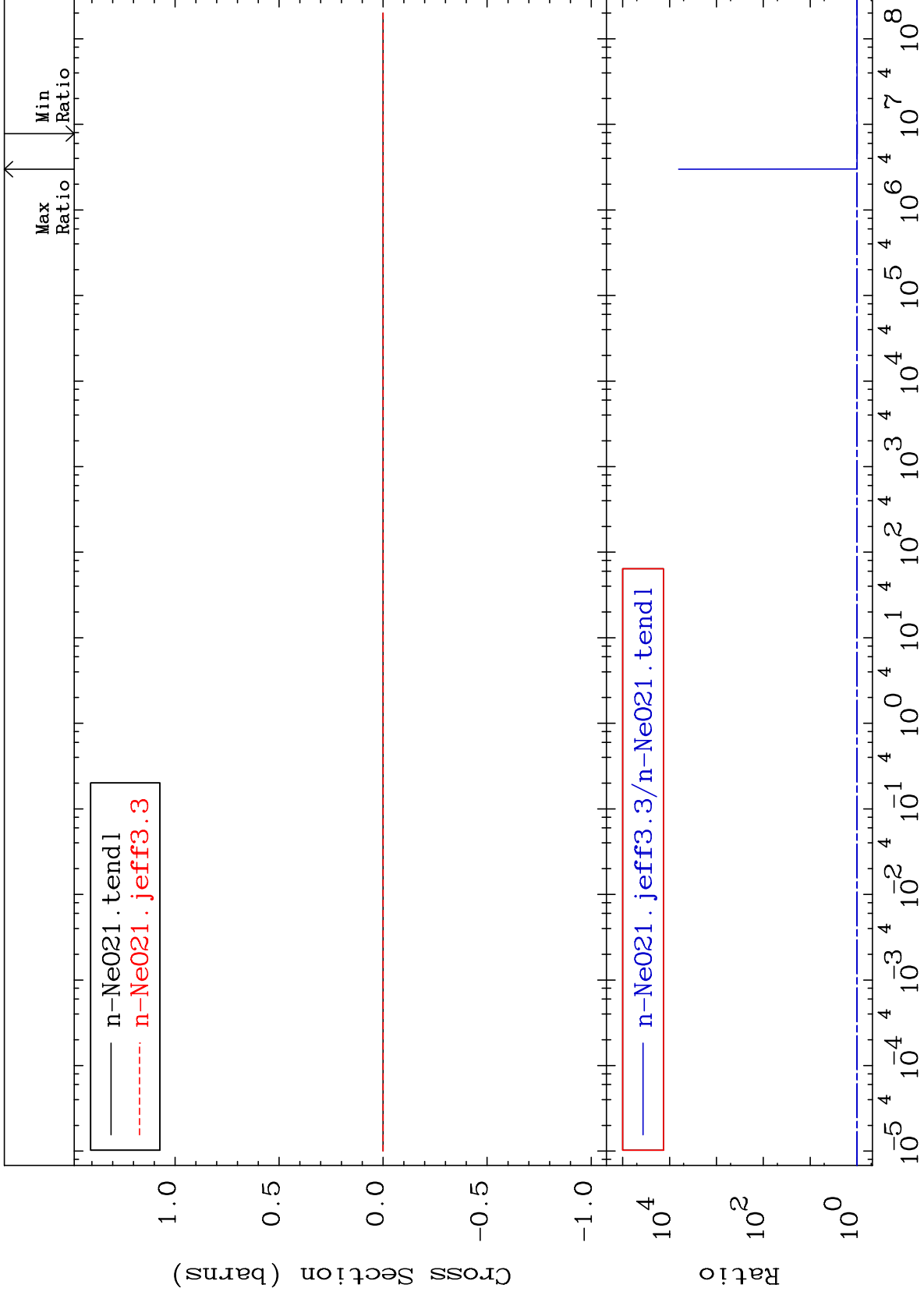




MAT 1028

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

10-Ne-21
-1.095 To 9999. %



72

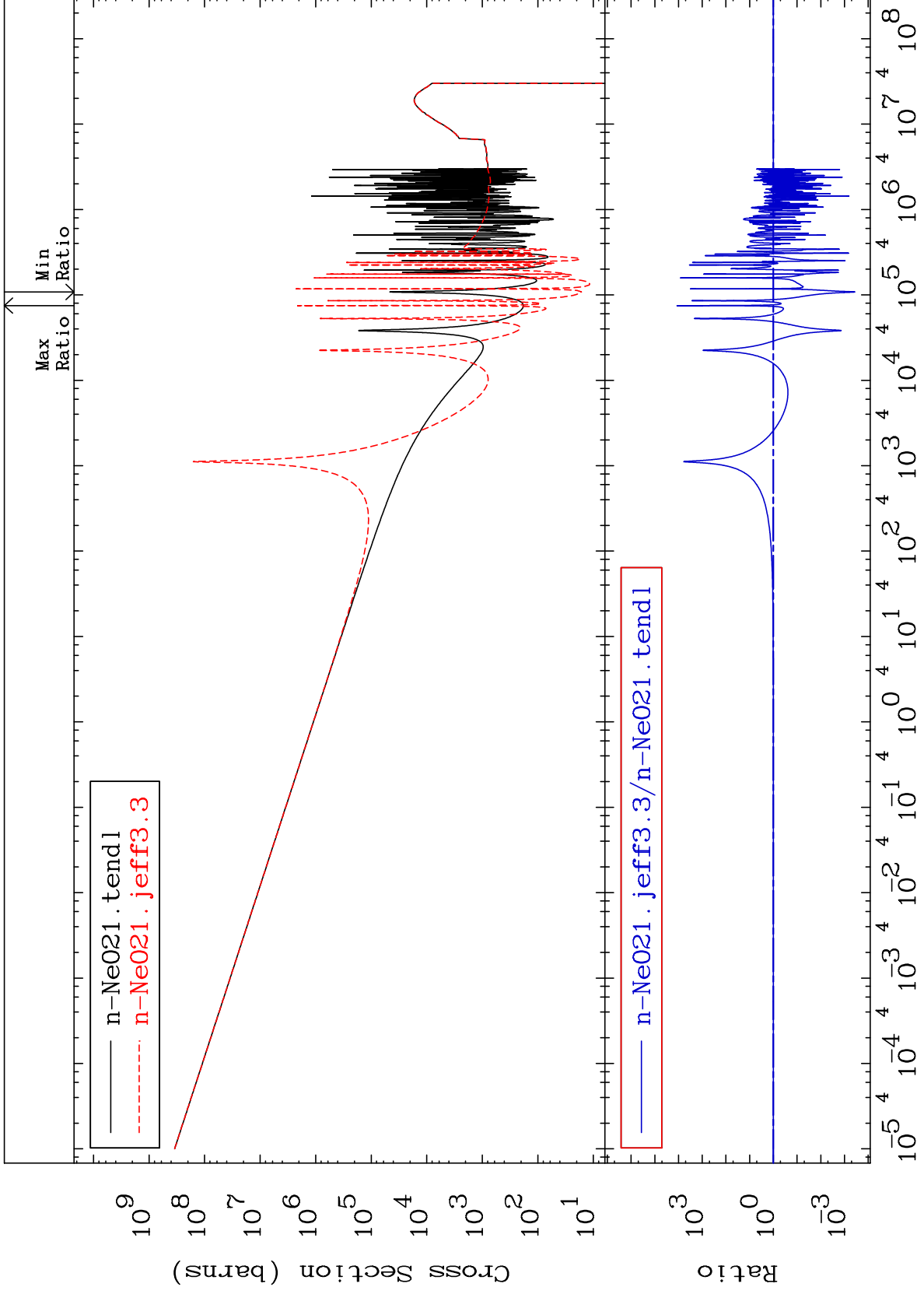
Incident Energy (eV)

10-Ne-21

MAT 1028

Kerma capture (mt102)
Cross Section

10-Ne-21
-99.96 To 9999. %



73

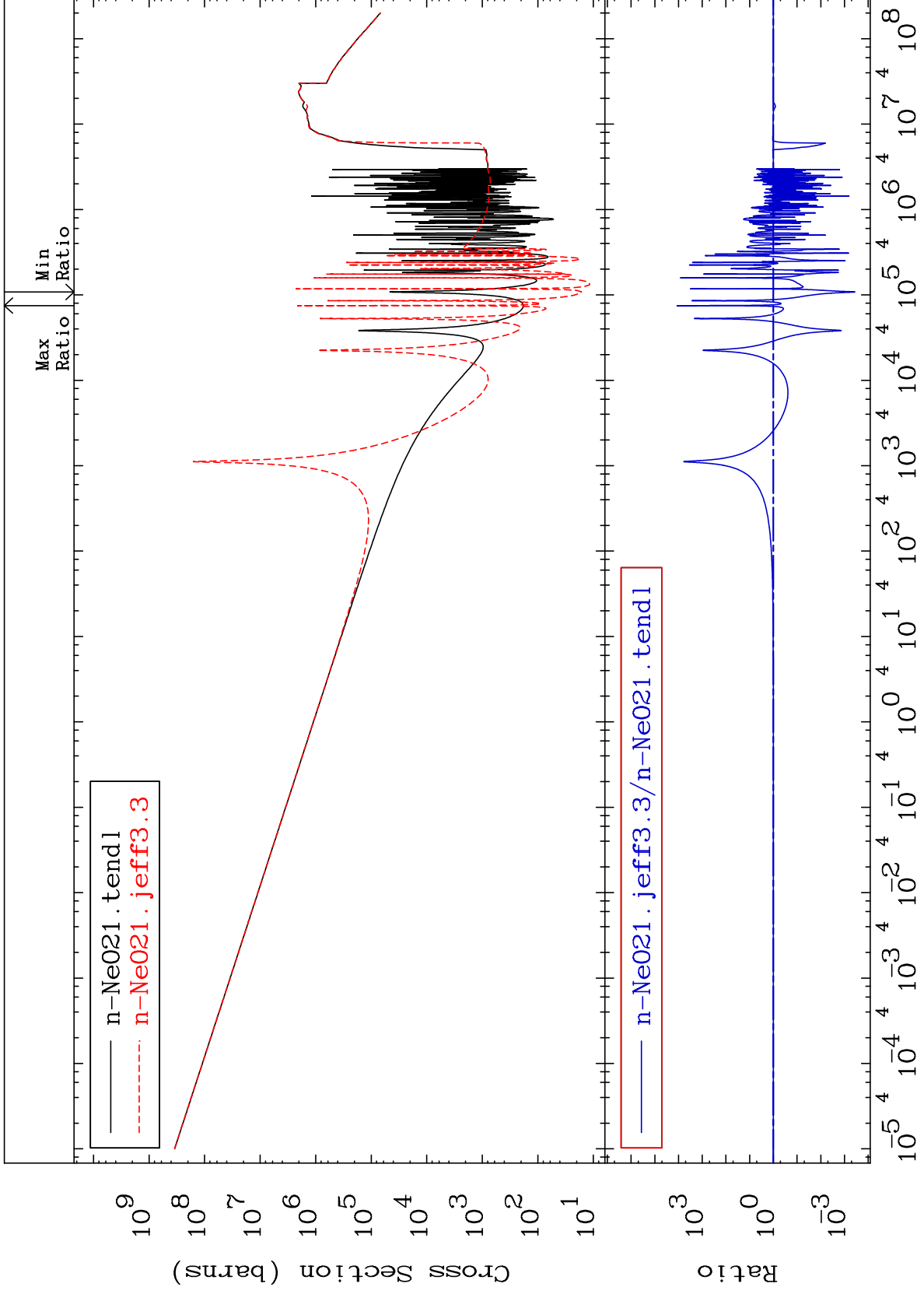
Incident Energy (eV)

10-Ne-21

MAT 1028

Total photon (eV-barns)
Cross Section

10-Ne-21
-99.96 To 9999. %



74

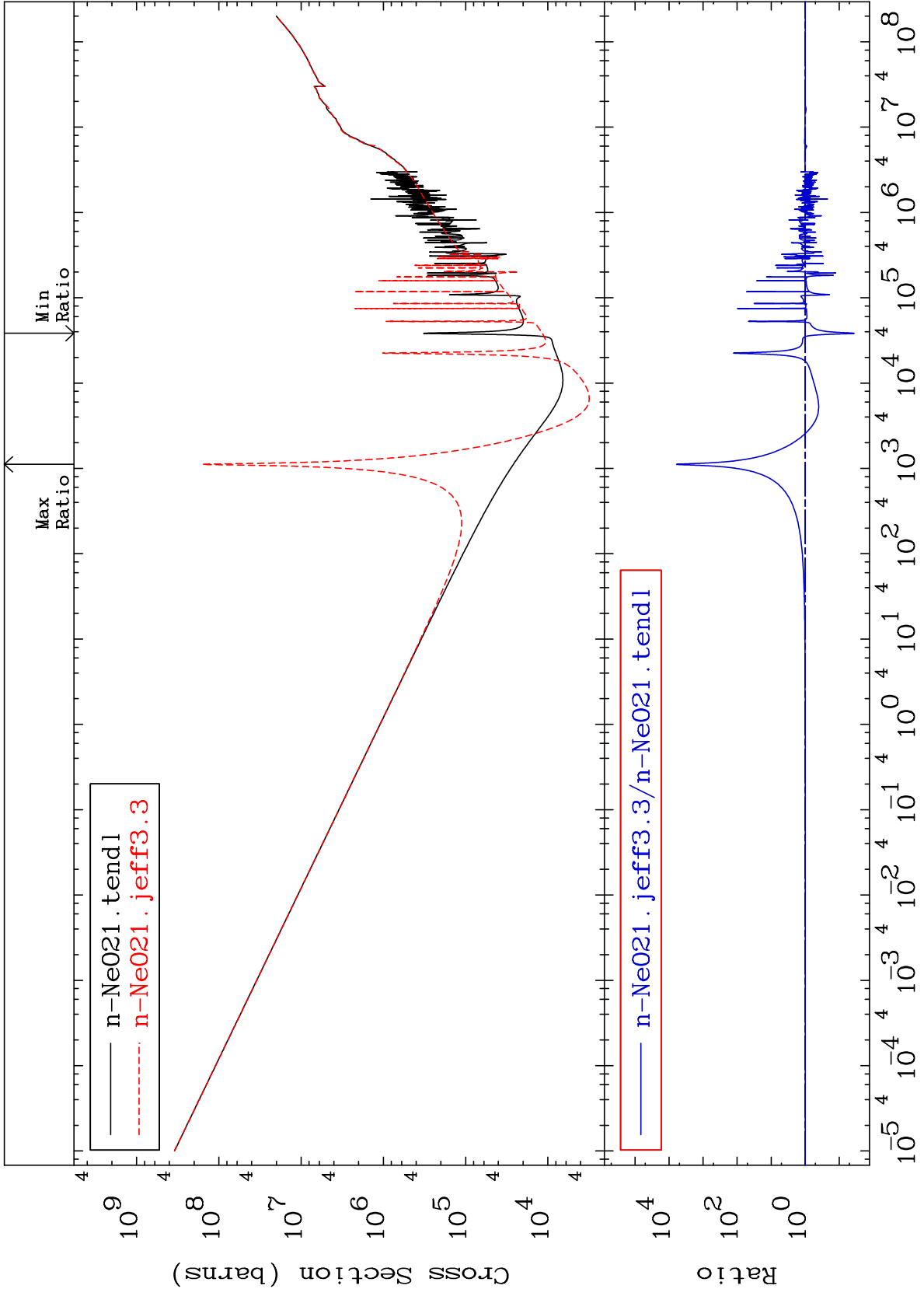
Incident Energy (eV)

10-Ne-21

MAT 1028

Total kinematic kerma (high limit)
Cross Section

10-Ne-21
-96.41 To 9999. %



75

Incident Energy (eV)

10-Ne-21

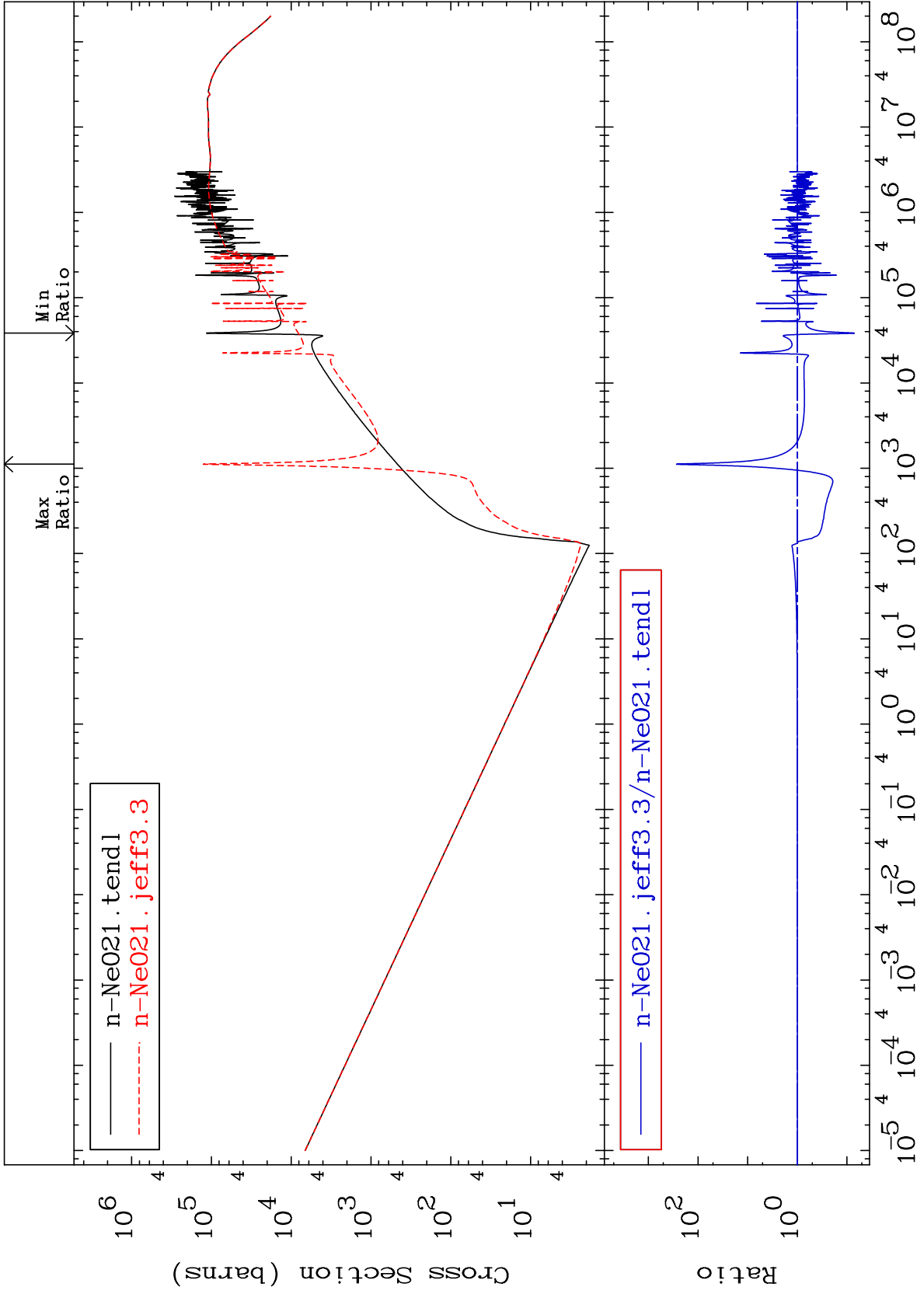
MAT 1028

Dpa total (eV-barns)

10-Ne-21

-92.91 To 9999. %

Cross Section



76

Incident Energy (eV)

10-Ne-21

MAT 1028

Dpa elastic (mt2)
Cross Section

10-Ne-21
-92.91 To 9999. %

