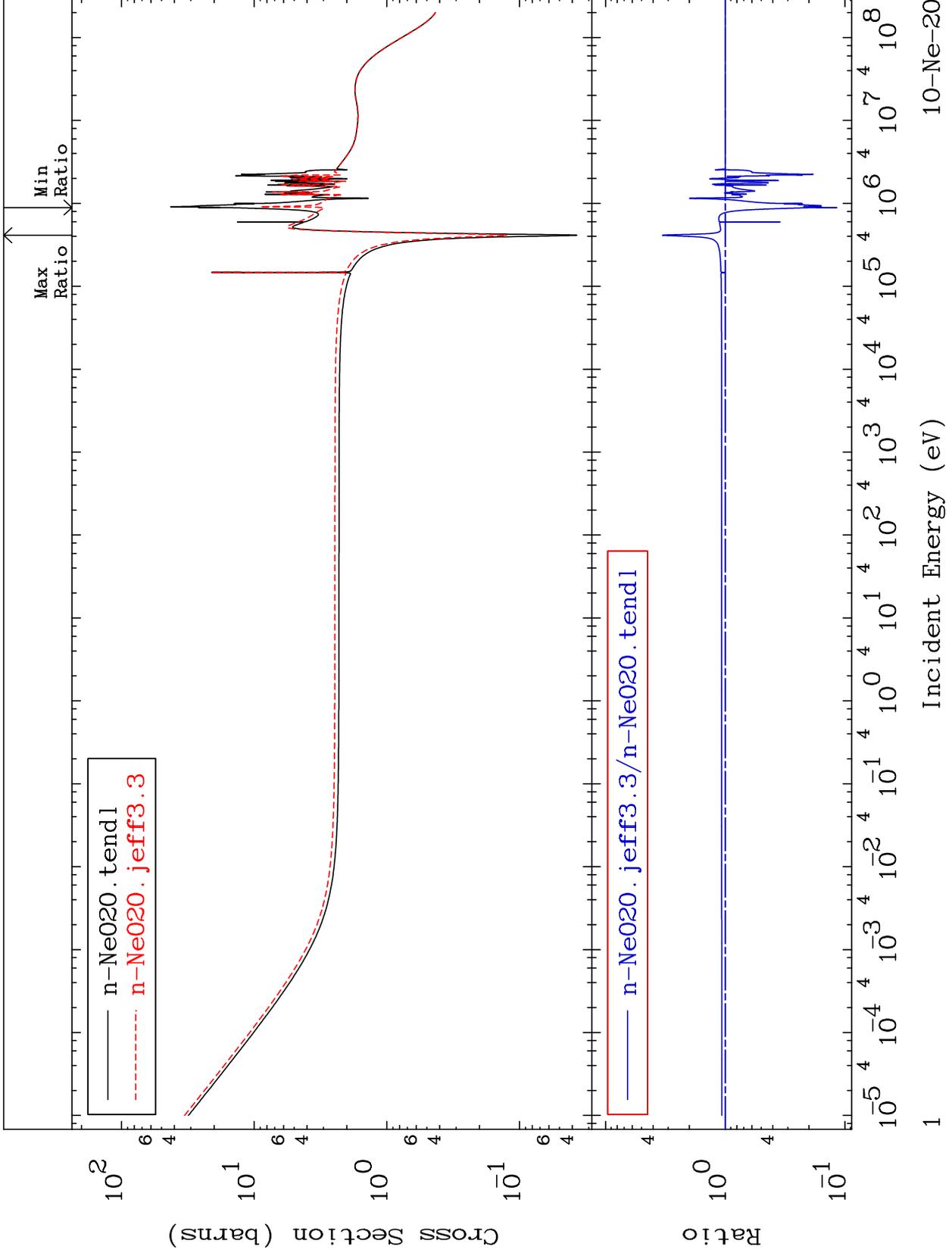


MAT 1025

Total
Cross Section

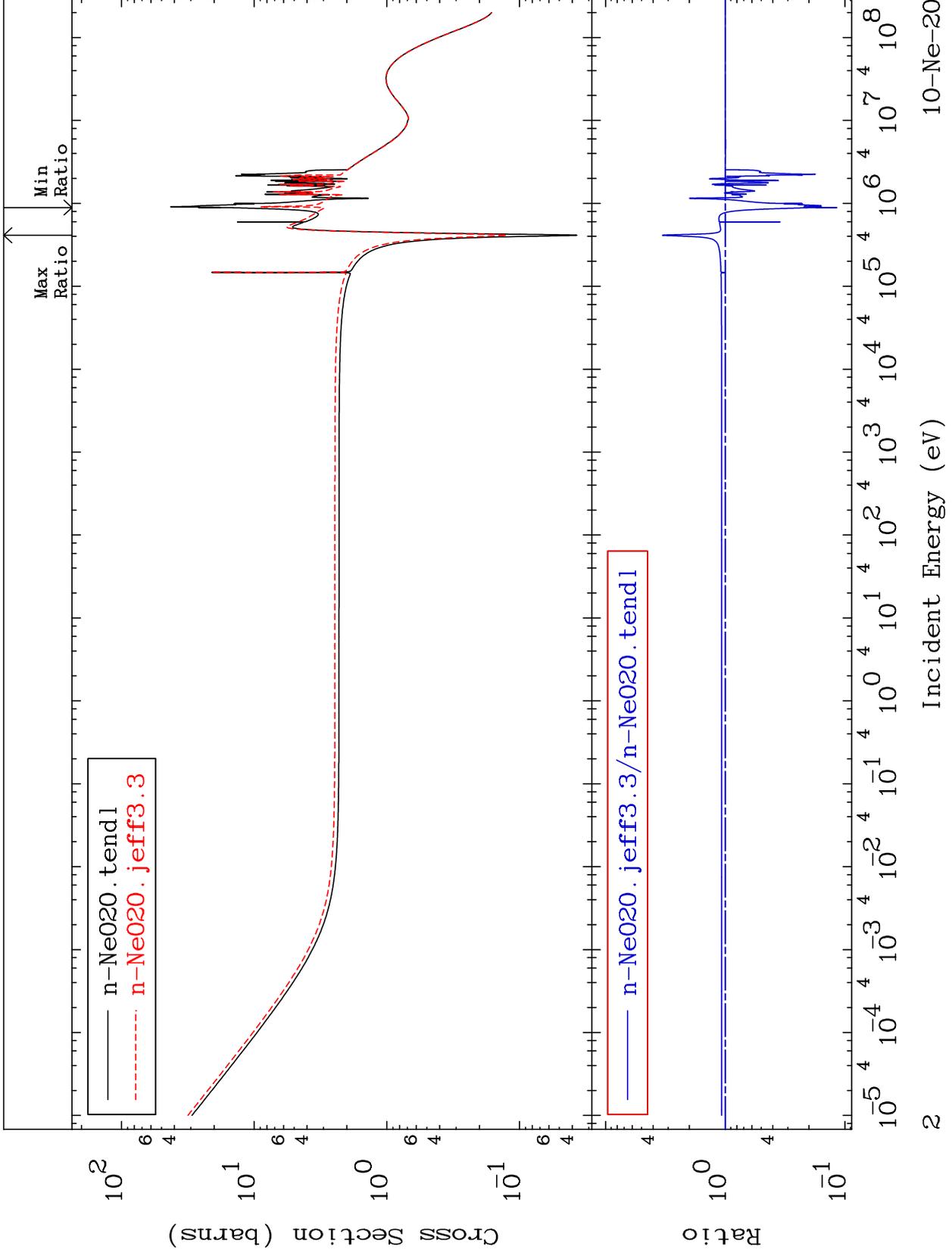
10-Ne-20
-88.31 To 235.6 %



MAT 1025

Elastic
Cross Section

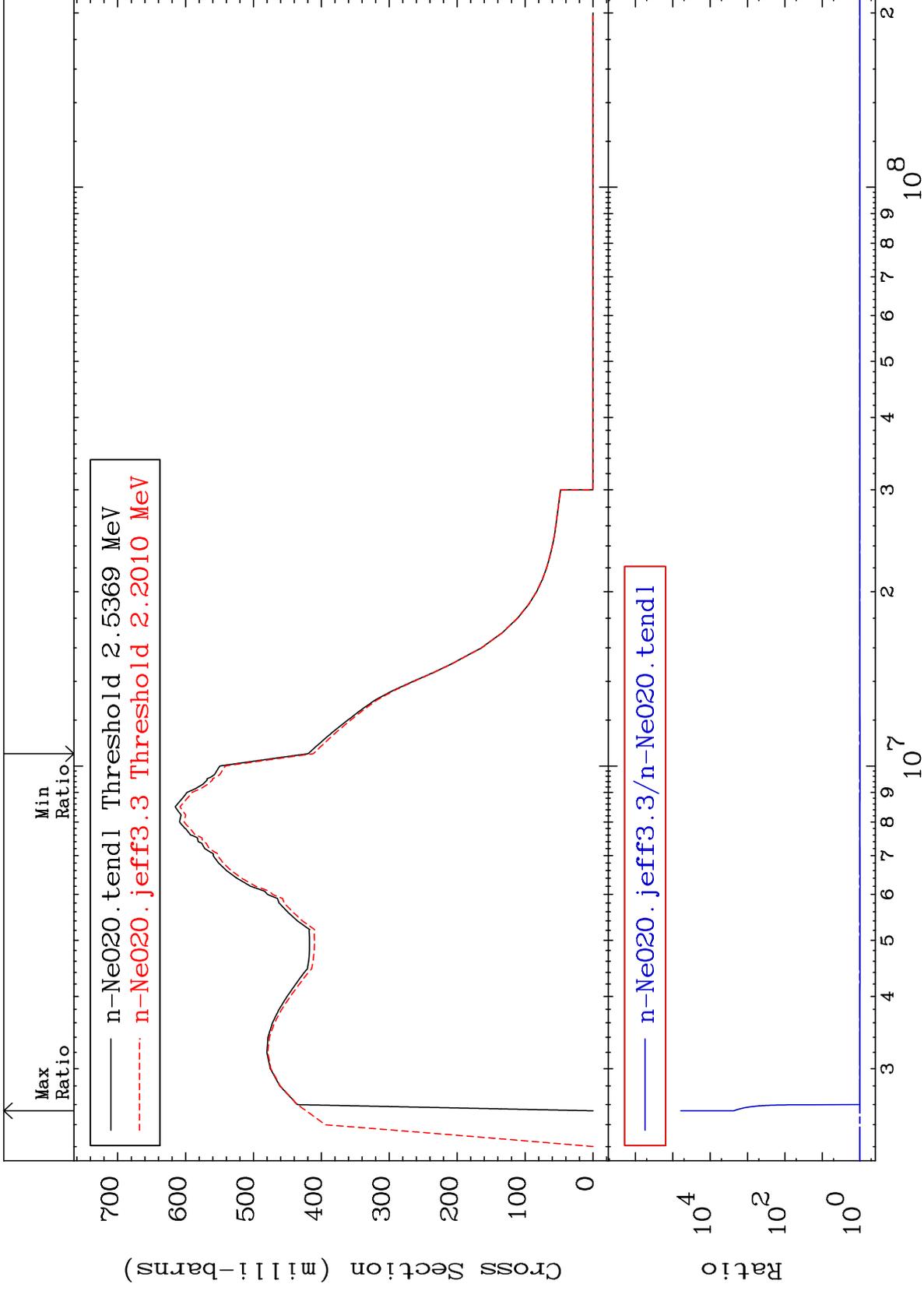
10-Ne-20
-88.30 To 235.7 %



MAT 1025

Inelastic
Cross Section

10-Ne-20
-1.817 To 9999. %



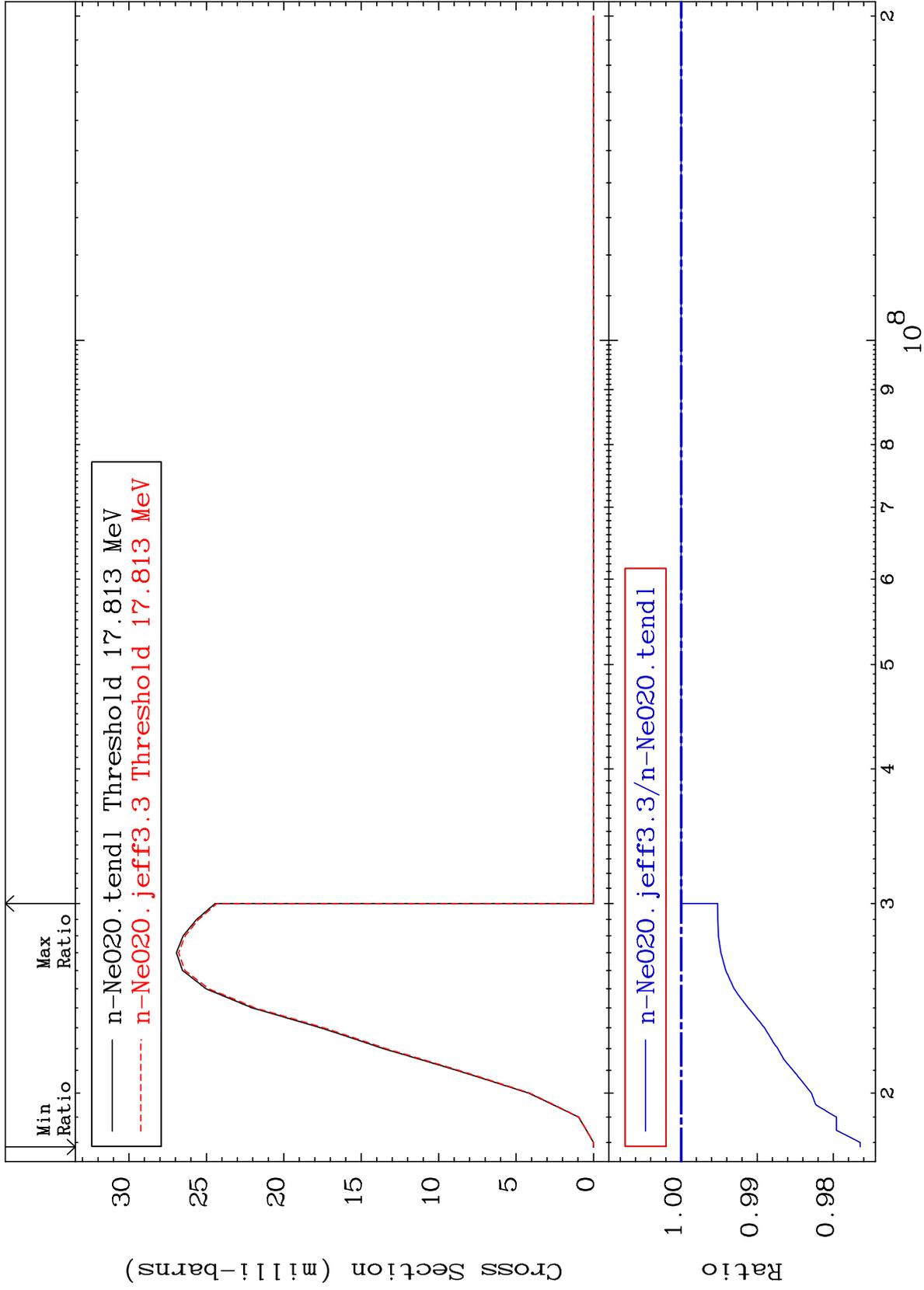
MAT 1025

(n,2n)

10-Ne-20

Cross Section

-2.355 To 0.000 %



4

10-Ne-20

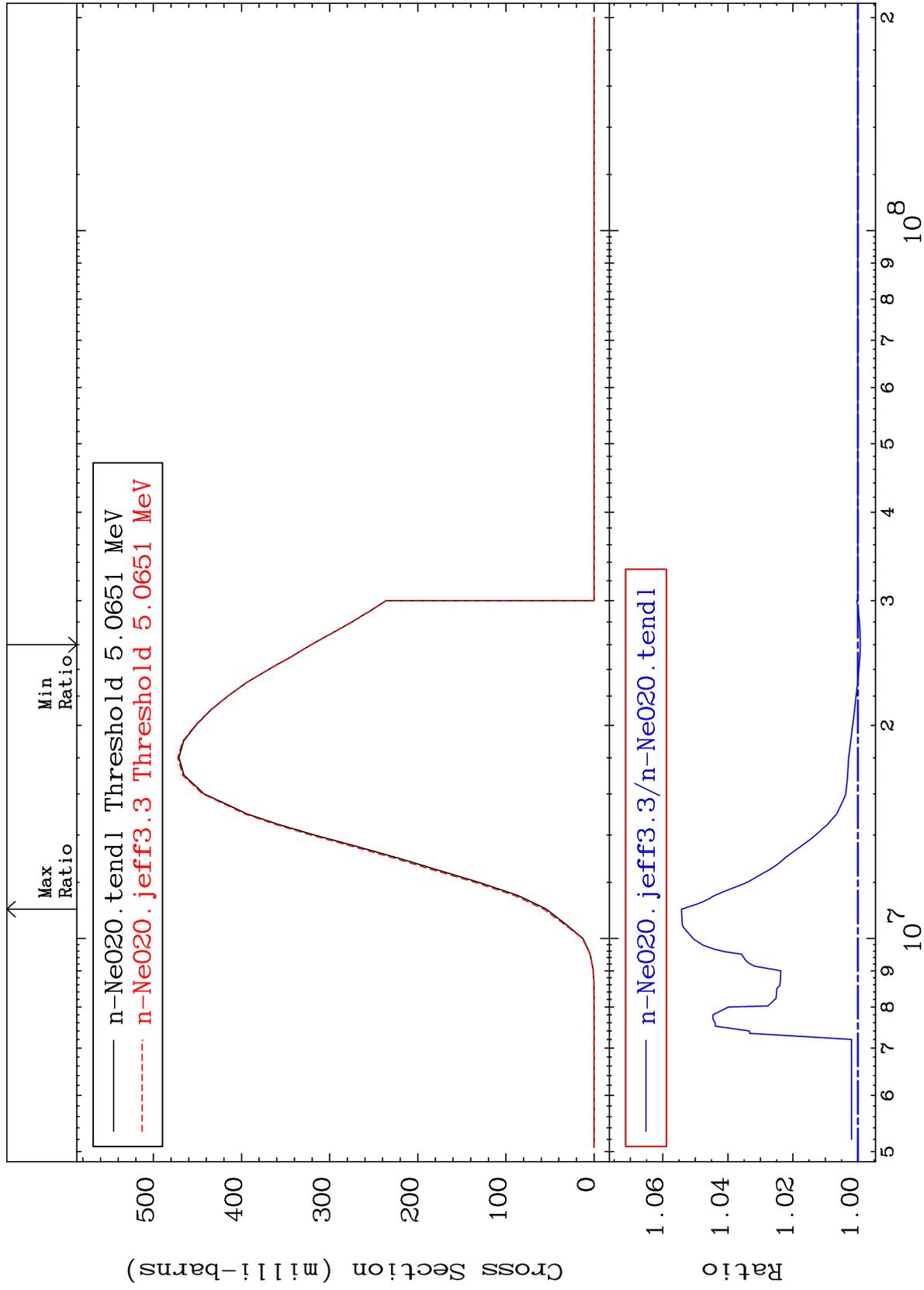
10-Ne-20

MAT 1025

(n,n') α
Cross Section

10-Ne-20

-0.075 To 5.424 %



5

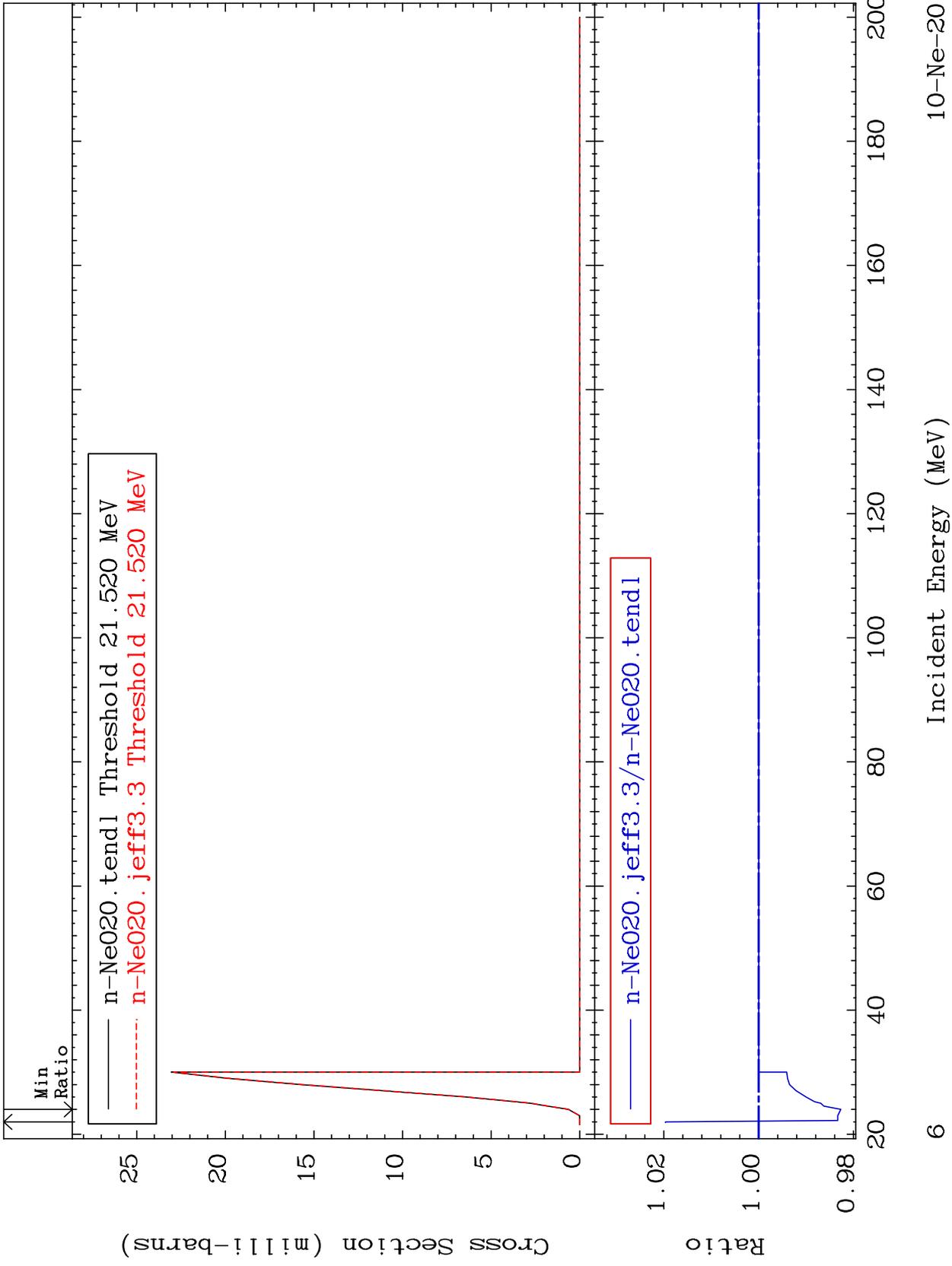
Incident Energy (eV)

10-Ne-20

MAT 1025

(n,2n) α
Cross Section

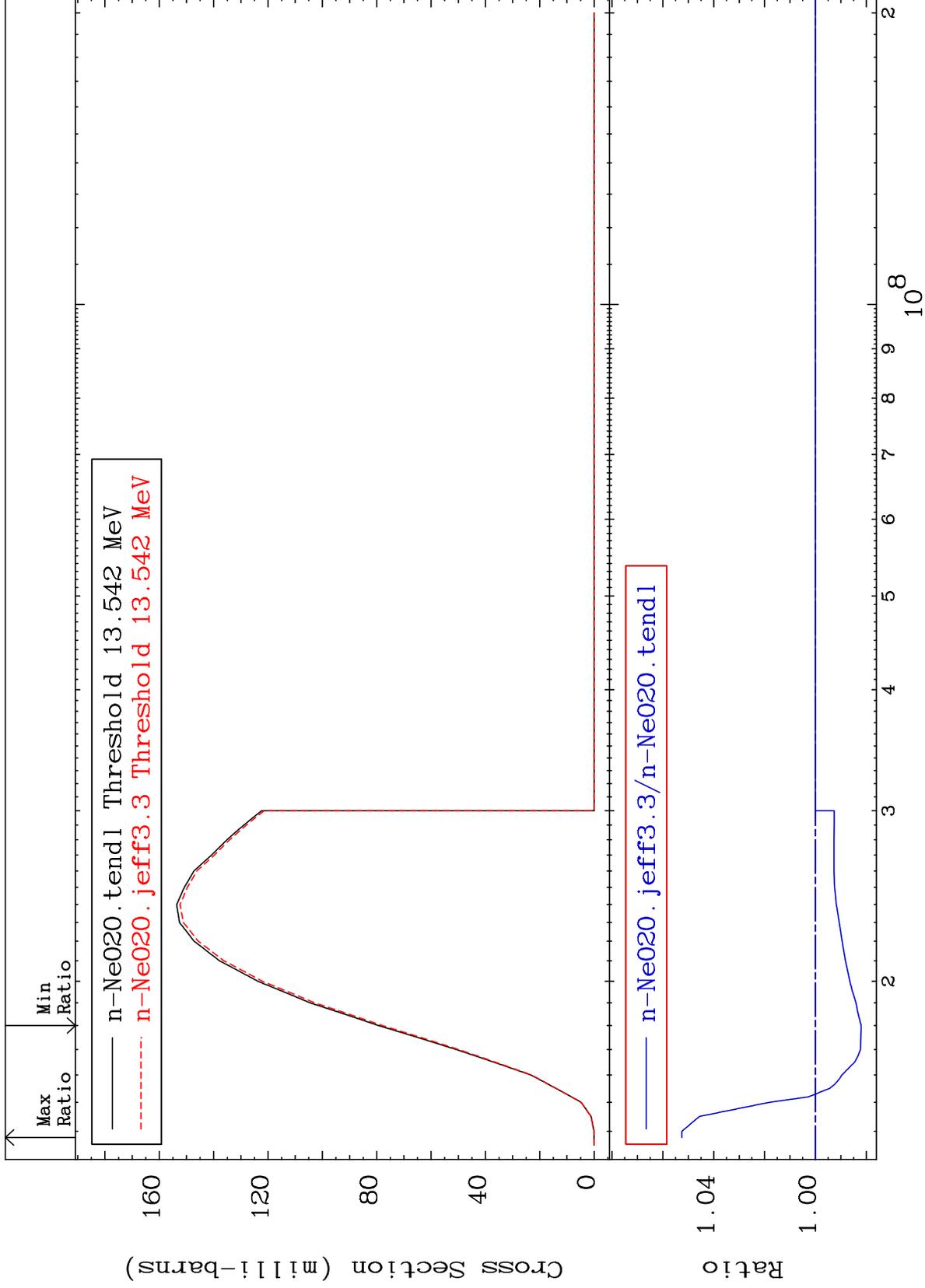
10-Ne-20
-1.731 To 1.964 %



MAT 1025

(n,n') p
Cross Section

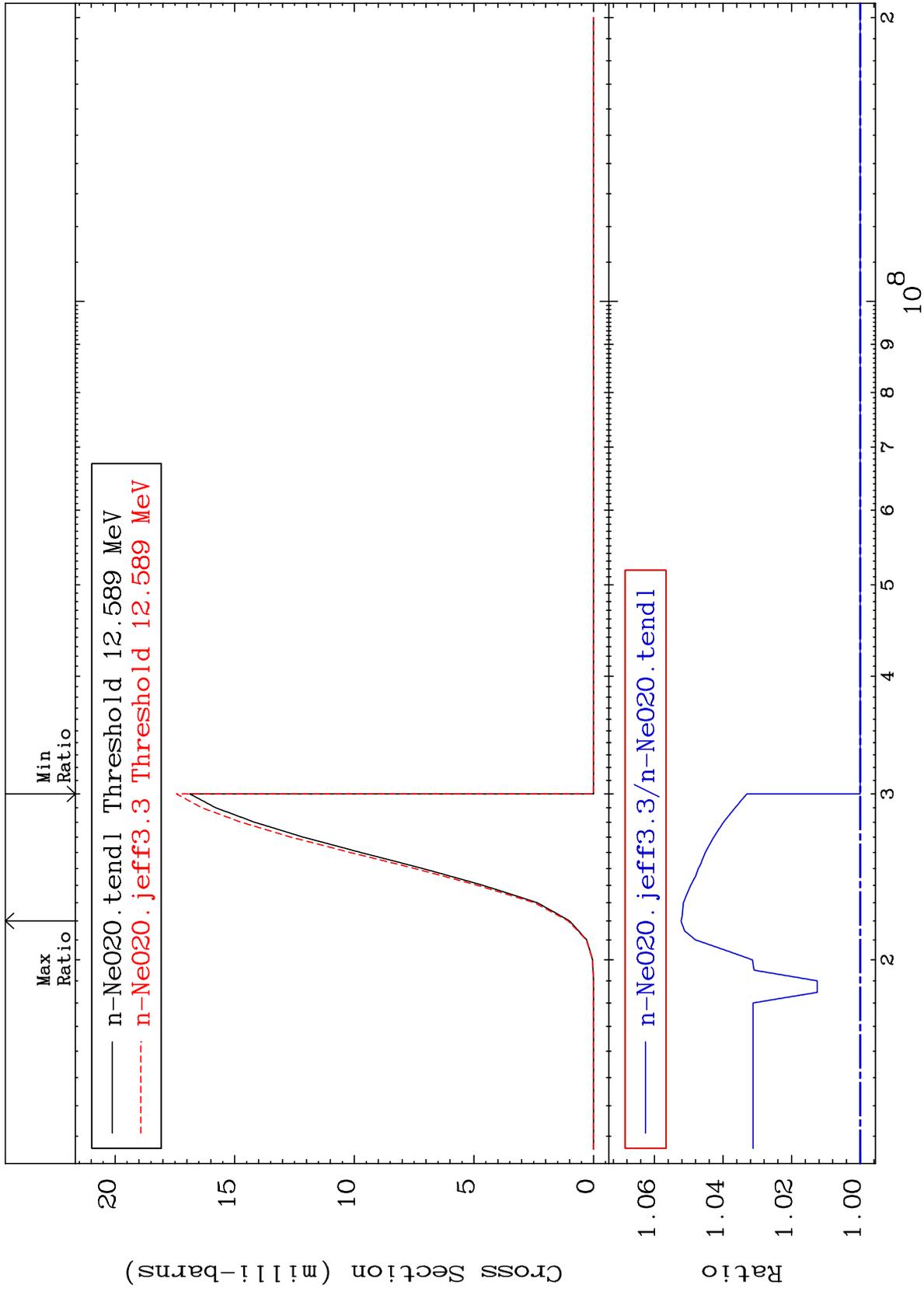
10-Ne-20
-1.795 To 5.251 %



MAT 1025

(n, n') 2α
Cross Section

10-Ne-20
To 5.221 %



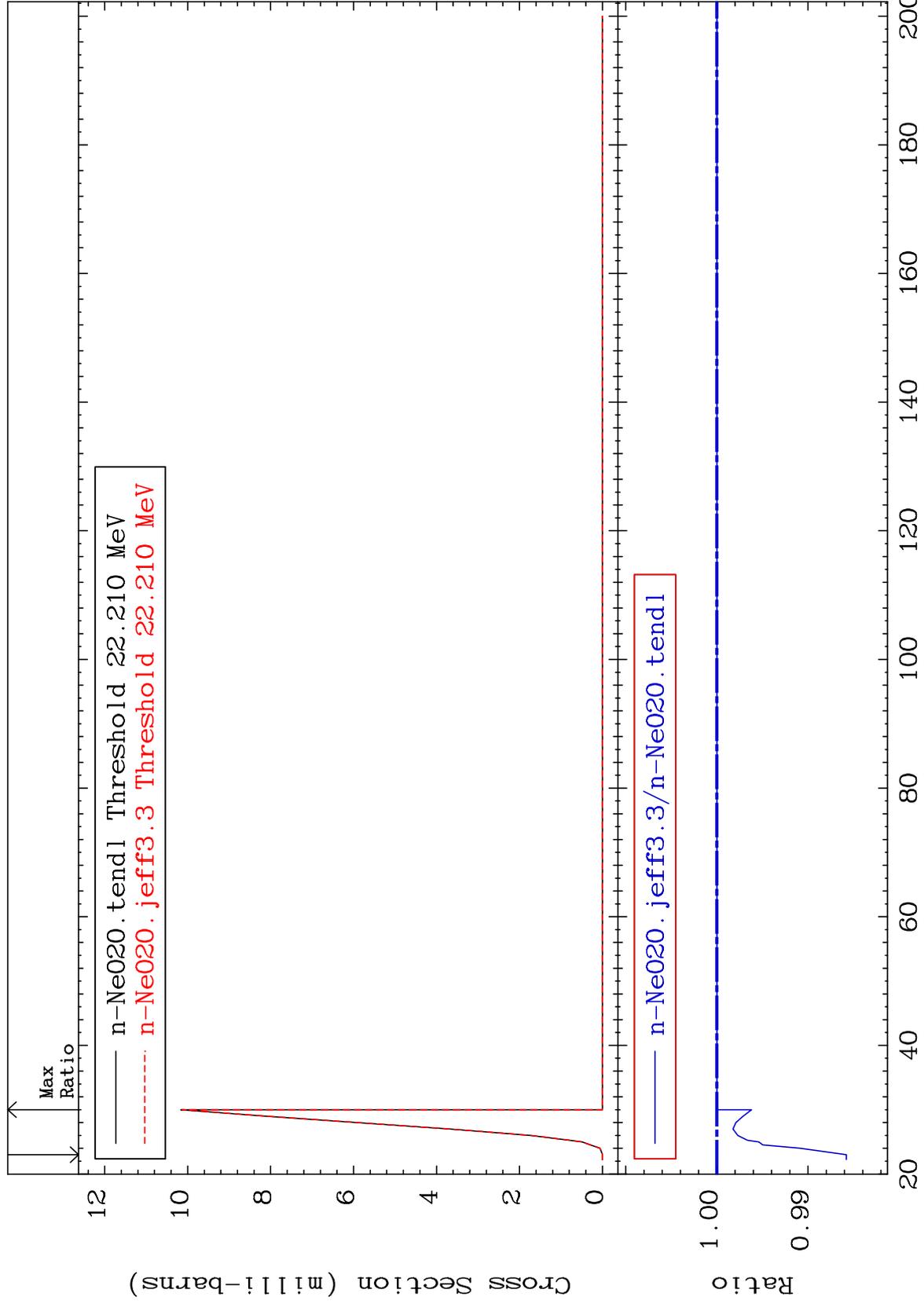
MAT 1025

(n,n') d

10-Ne-20

Cross Section

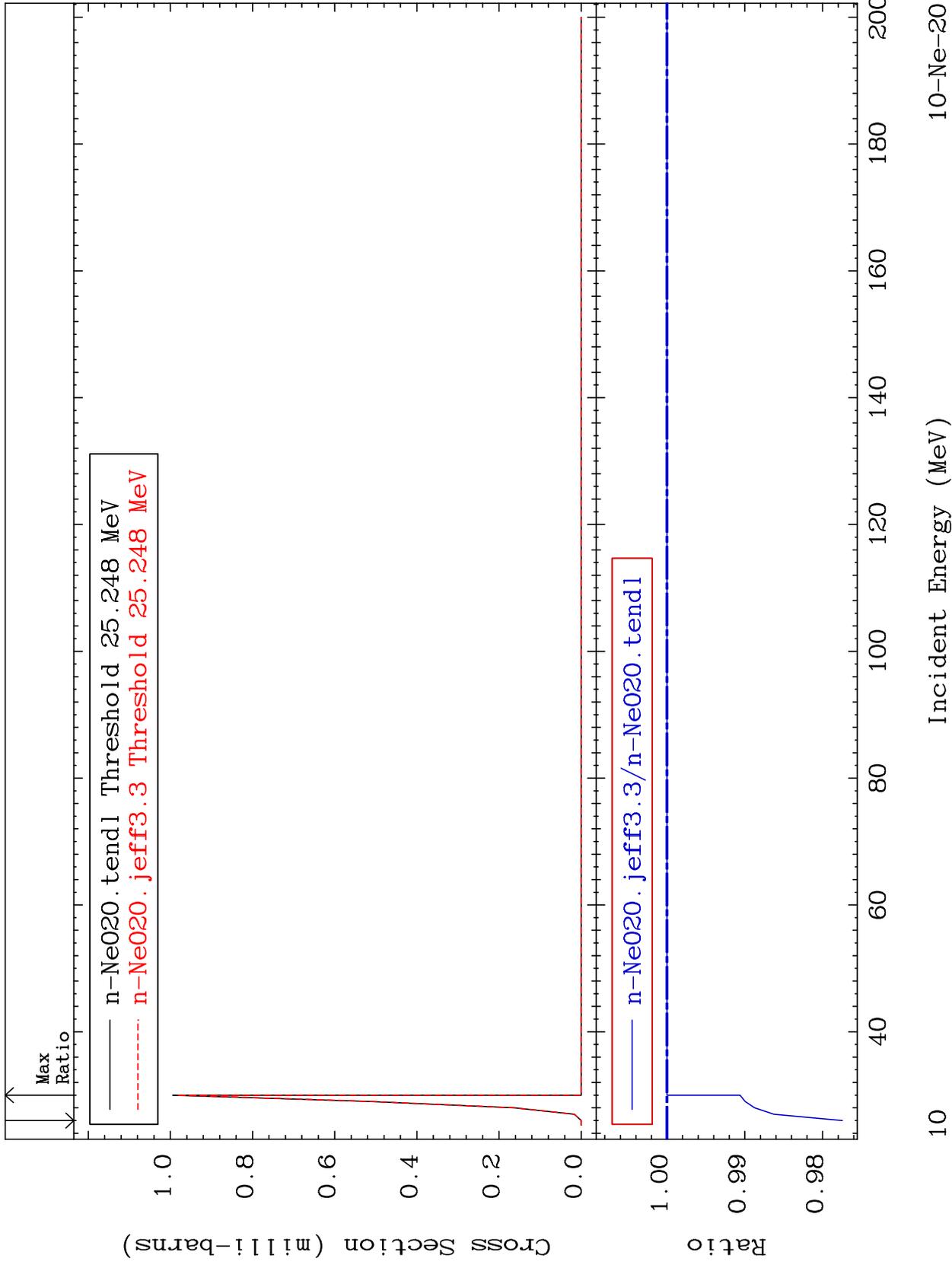
-1.420 To 0.000 %



MAT 1025

(n,n') t
Cross Section

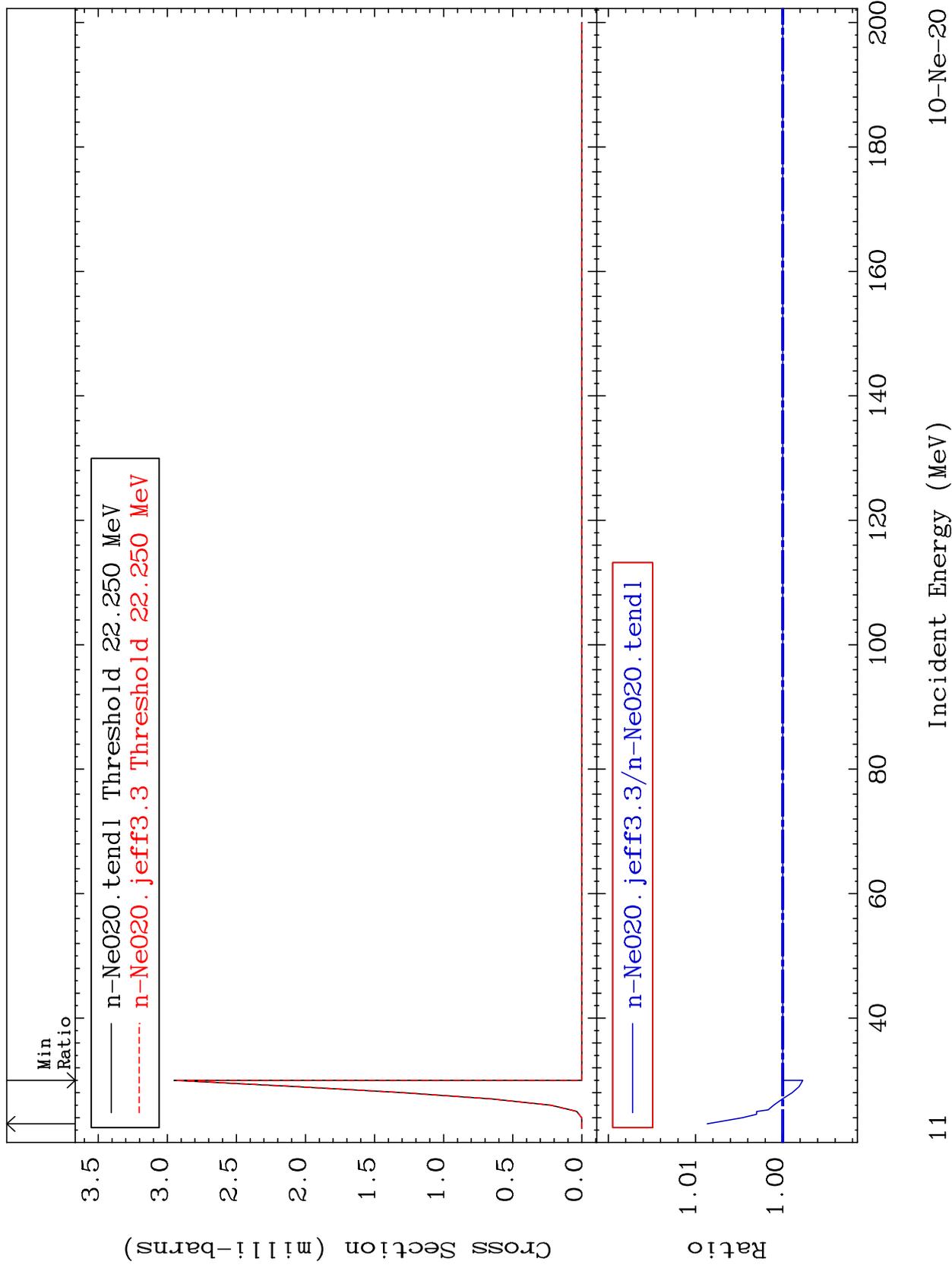
10-Ne-20
-2.254 To 0.000 %



MAT 1025

(n, n') He-3
Cross Section

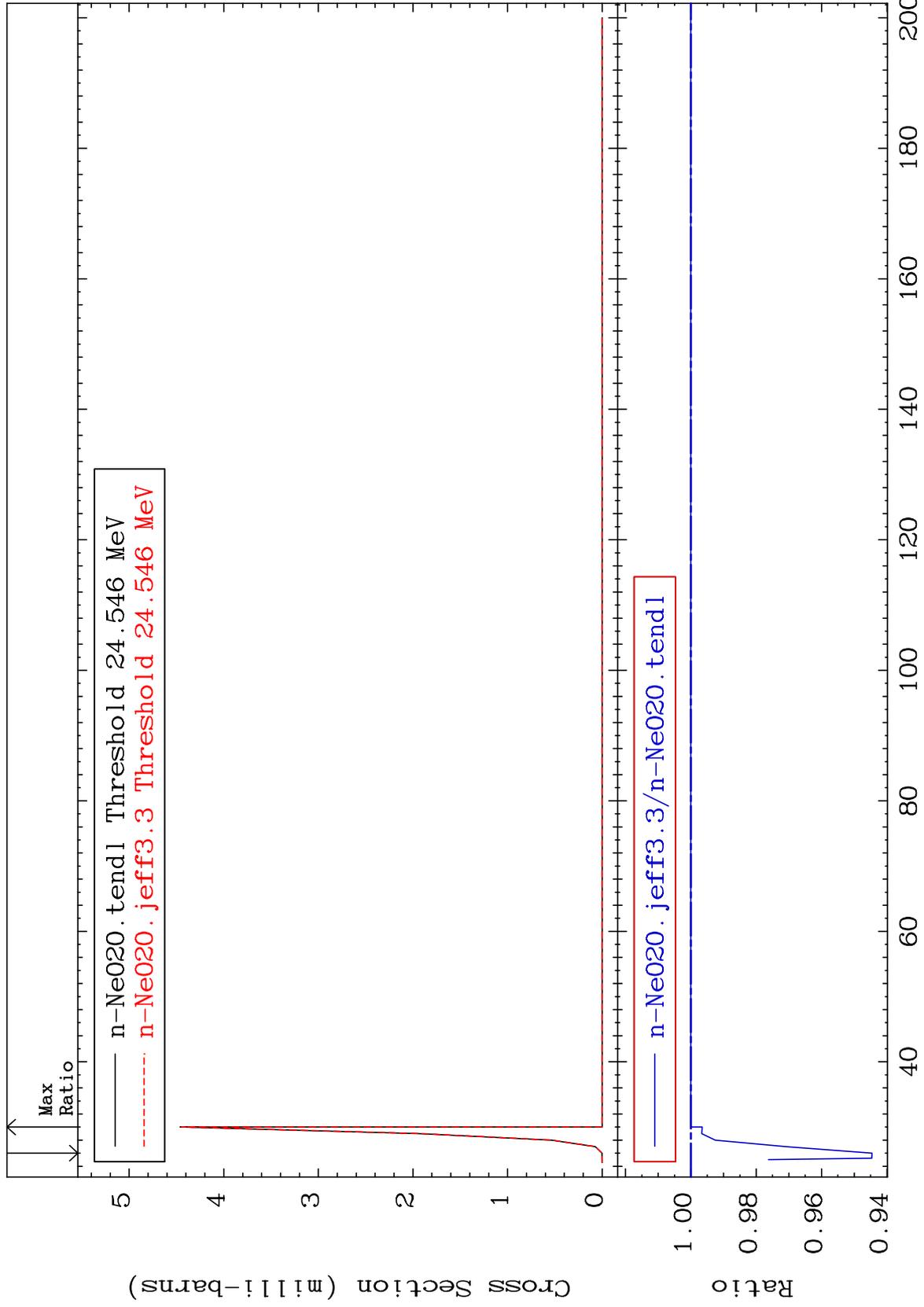
10-Ne-20
-0.230 To 0.866 %



MAT 1025

(n,2n) p
Cross Section

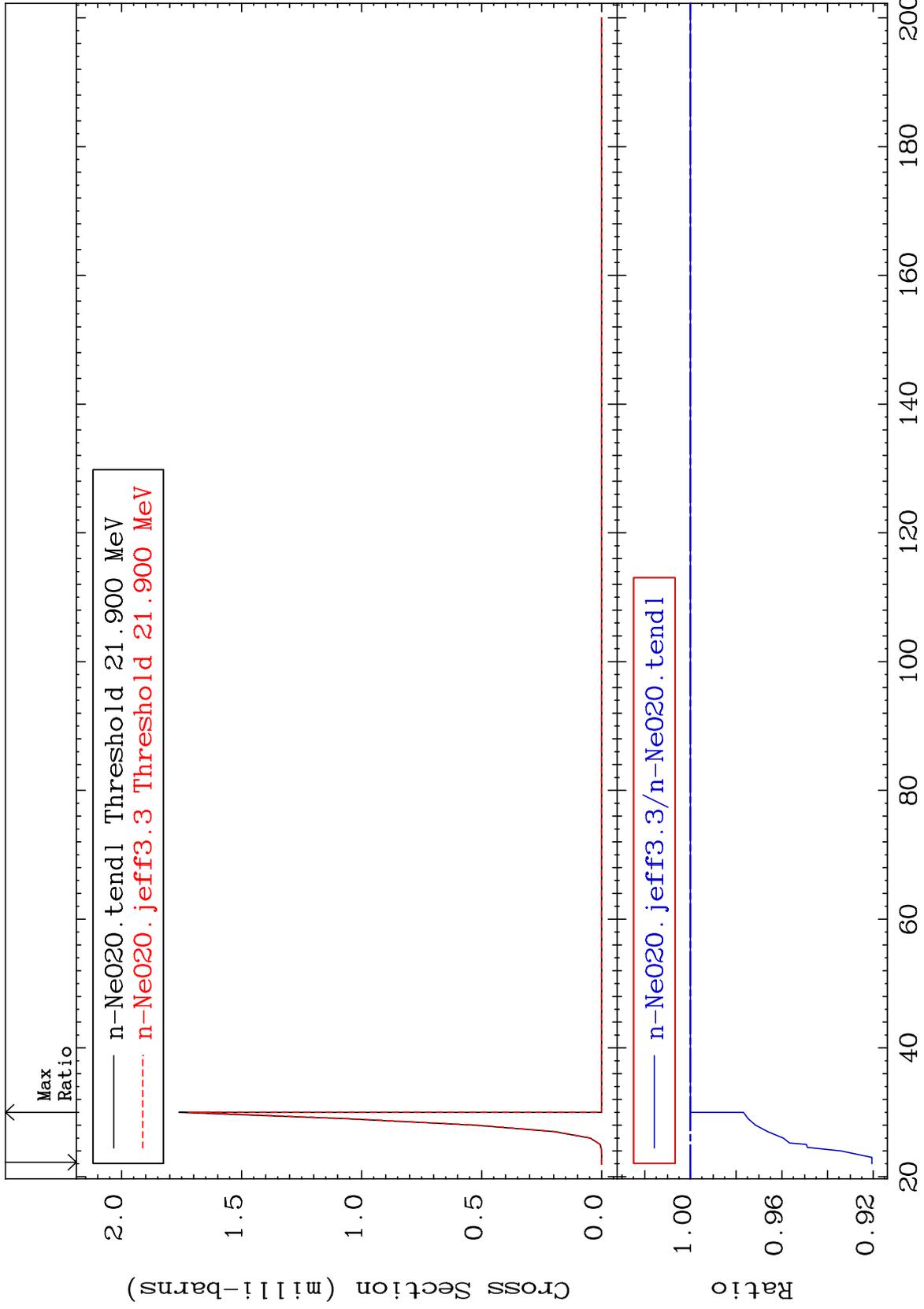
10-Ne-20
-5.544 To 0.000 %



MAT 1025

(n,2n) p
Cross Section

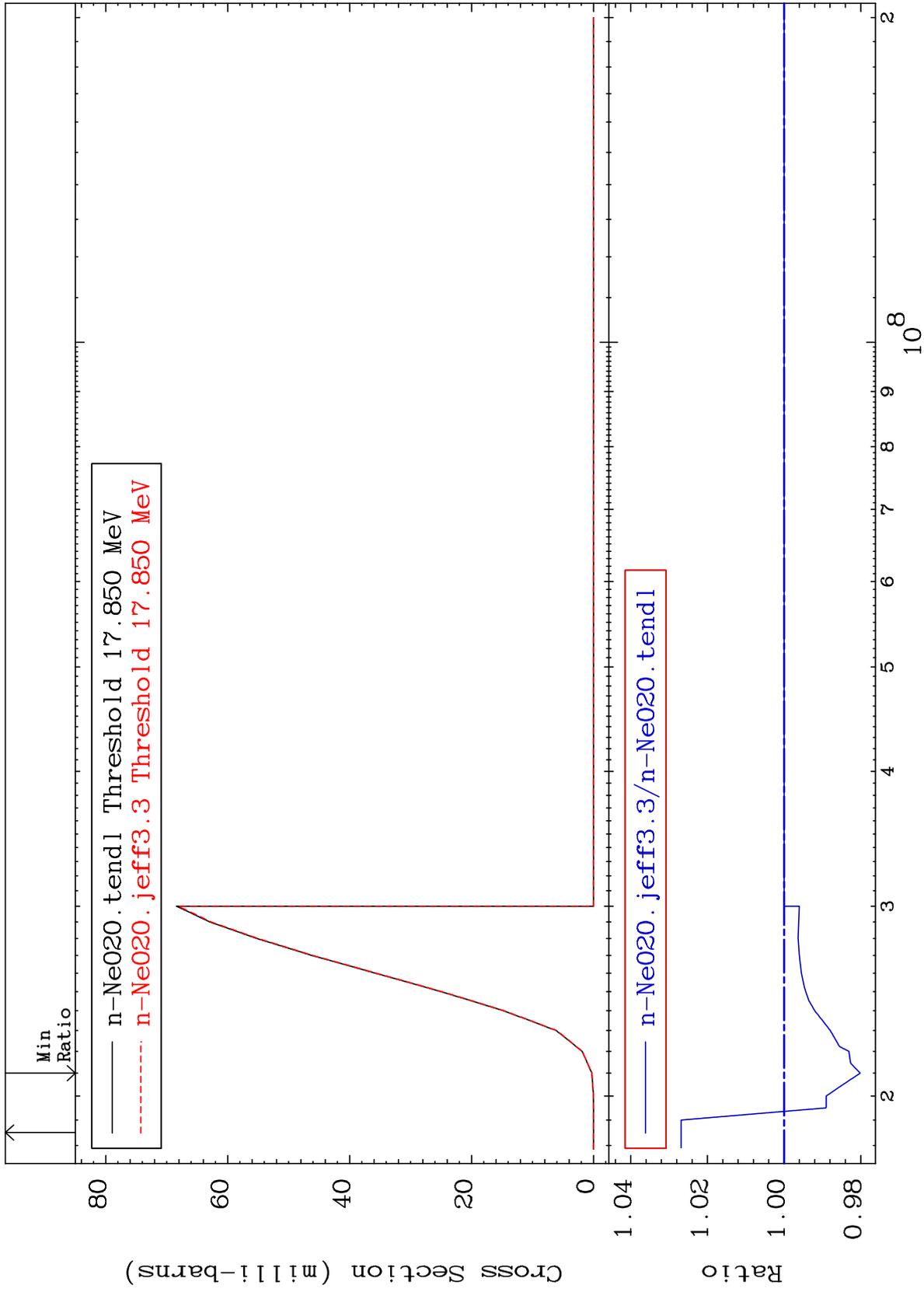
10-Ne-20
-7.945 To 0.000 %



MAT 1025

(n,n') p α
Cross Section

10-Ne-20
-1.986 To 2.685 %



14

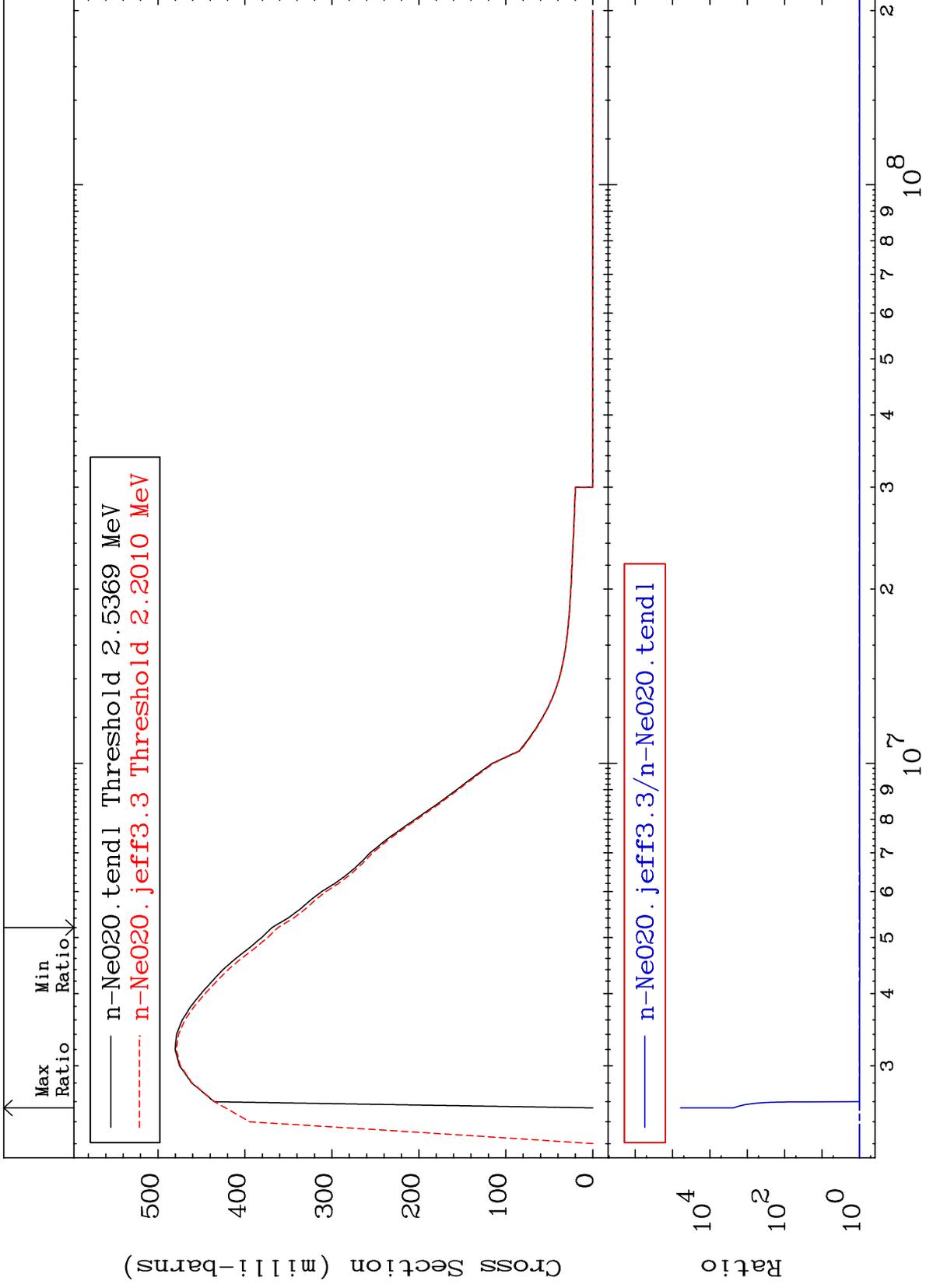
Incident Energy (eV)

10-Ne-20

MAT 1025

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

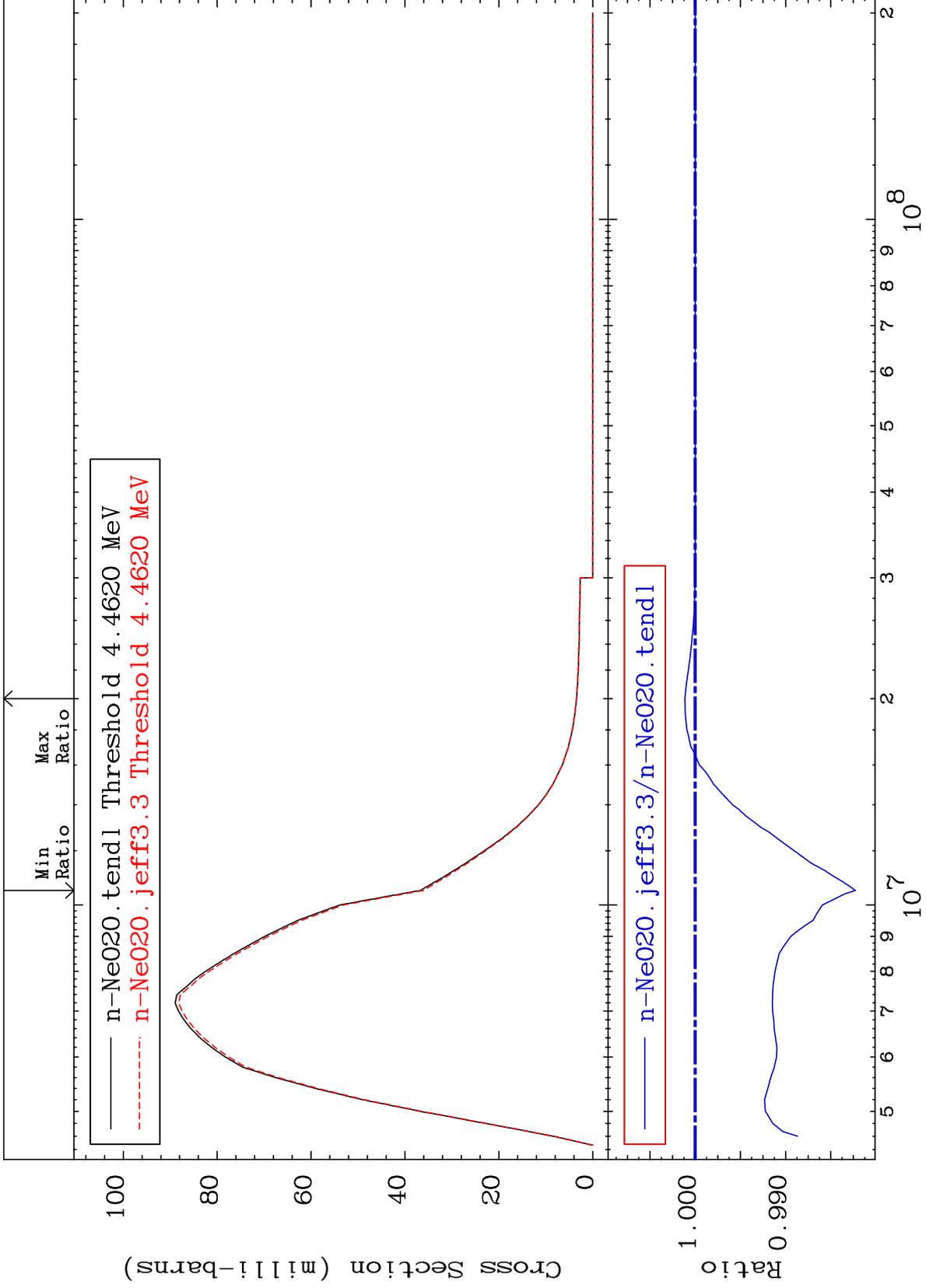
10-Ne-20
-1.879 To 9999. %



MAT 1025

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

10-Ne-20
-1.773 To 0.115 %



16

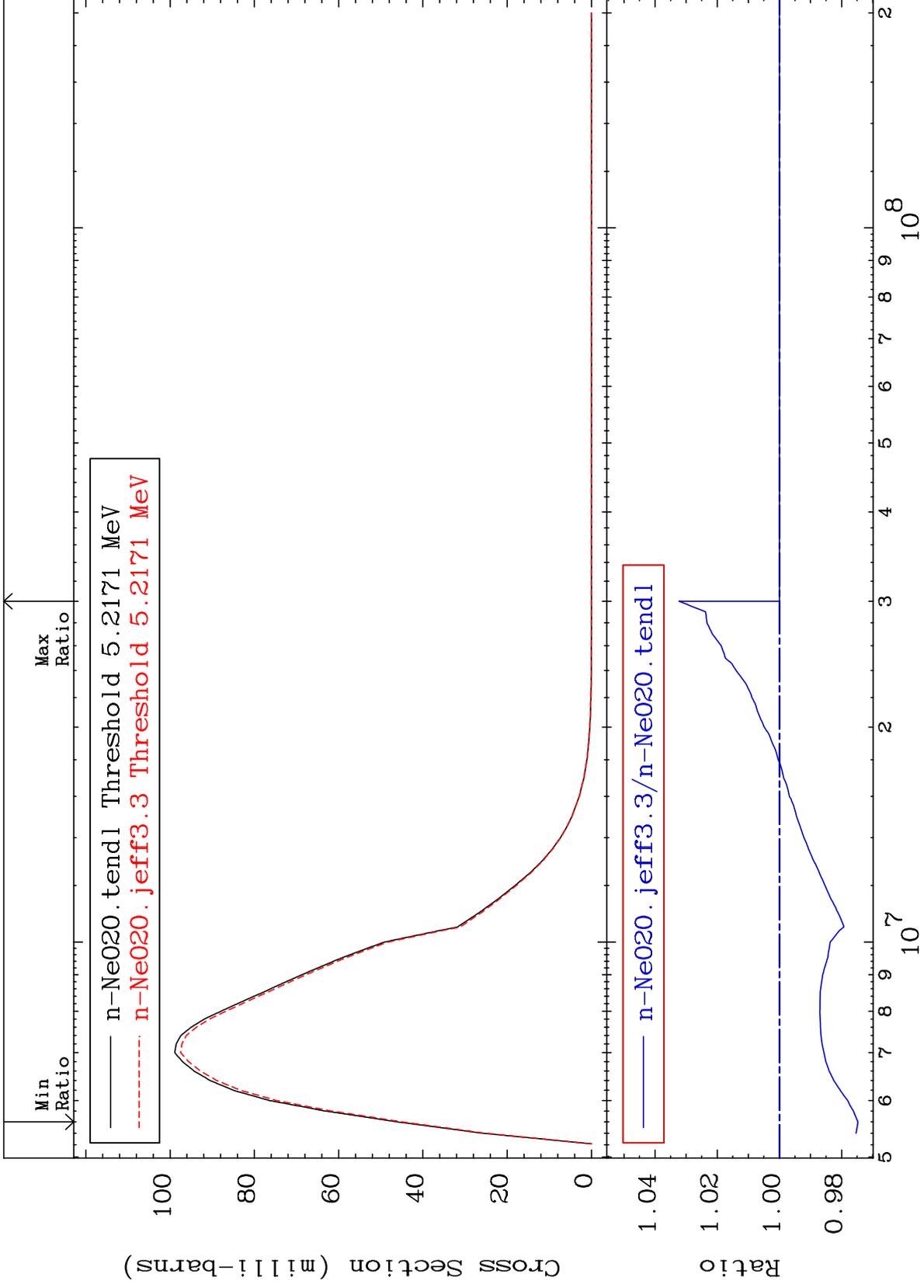
Incident Energy (eV)

10-Ne-20

MAT 1025

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

10-Ne-20
-2.526 To 3.228 %



17

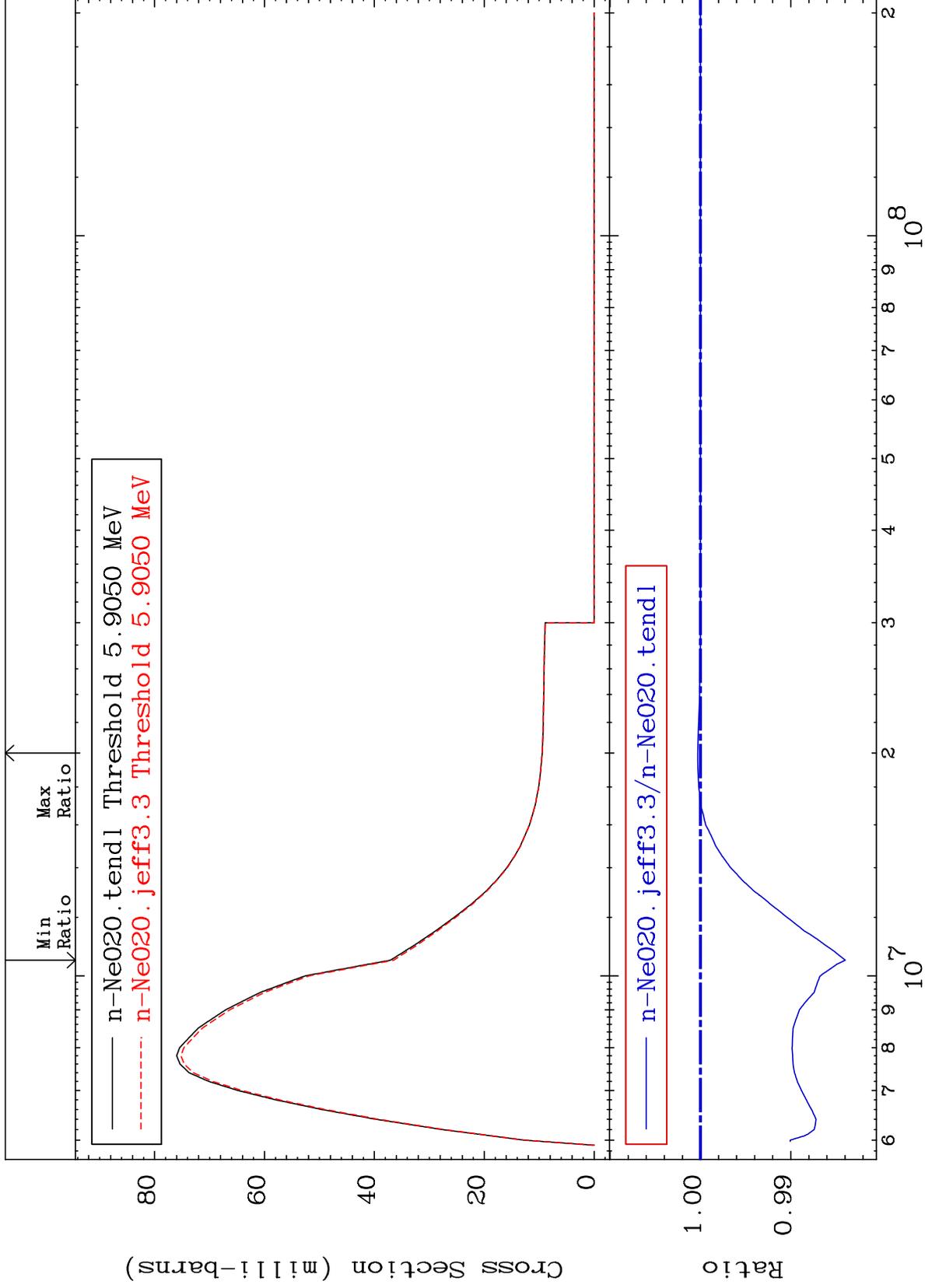
Incident Energy (eV)

10-Ne-20

MAT 1025

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

10-Ne-20
-1.604 To 0.031 %



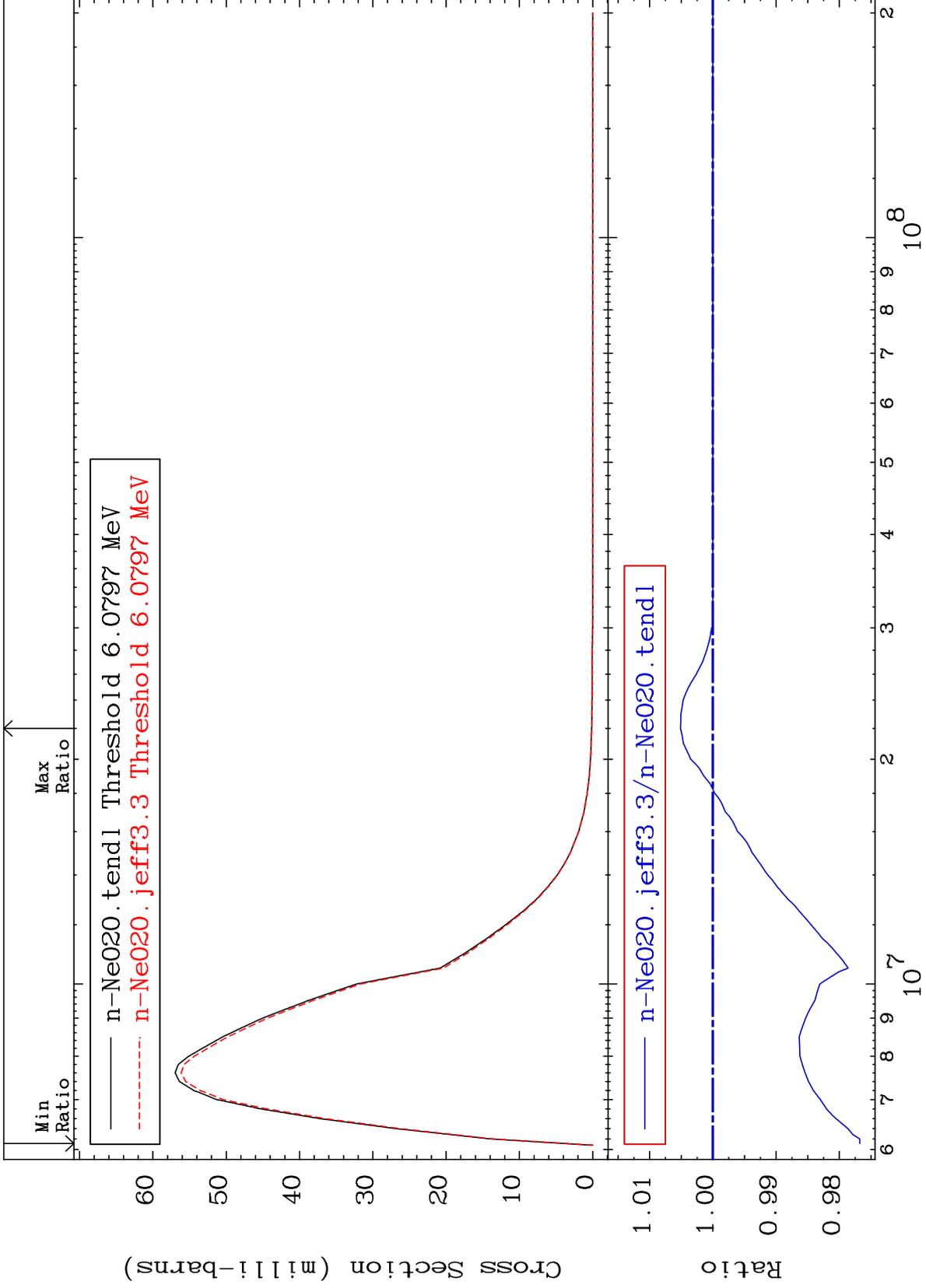
18

10-Ne-20

MAT 1025

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

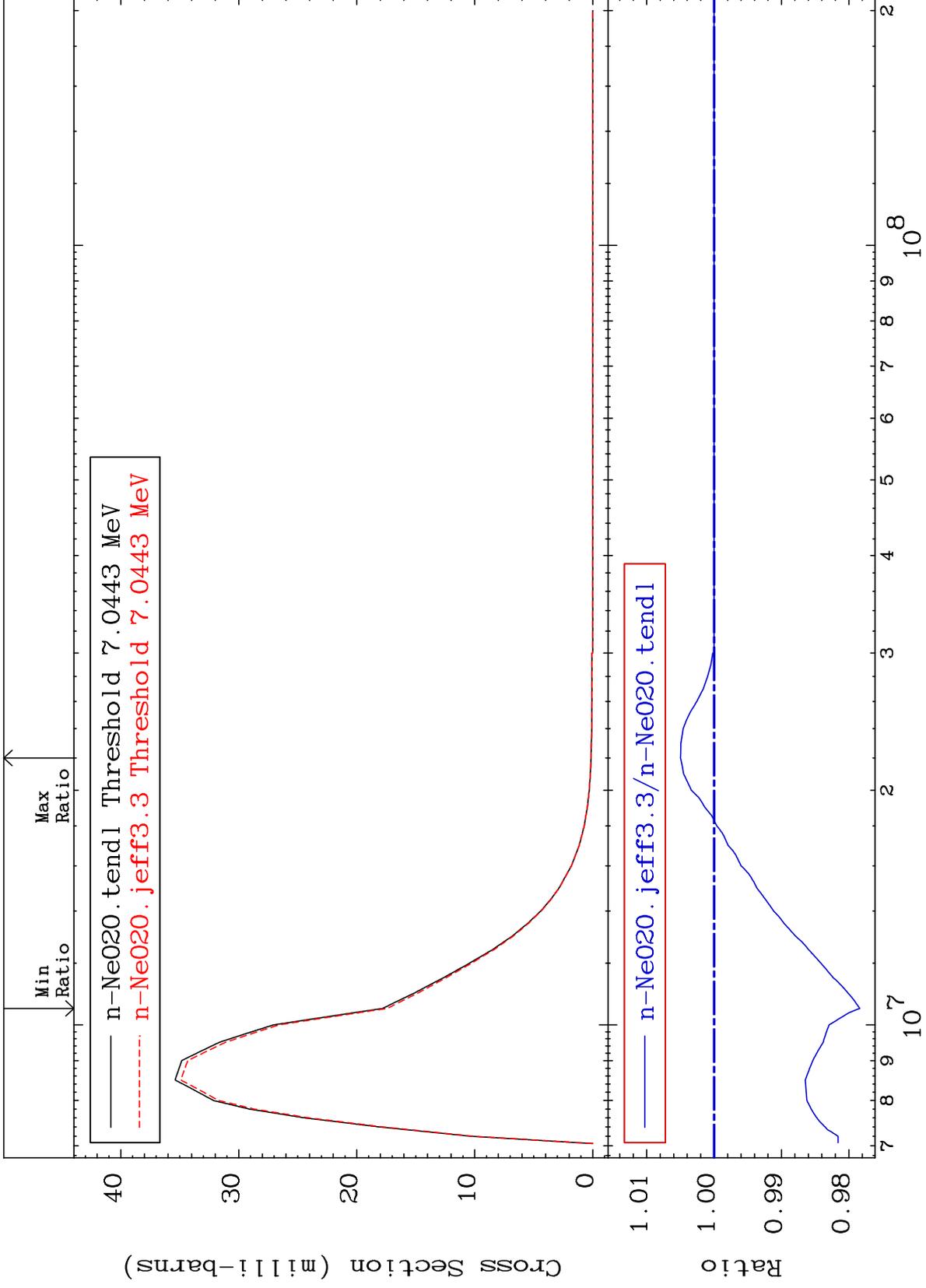
10-Ne-20
-2.323 To 0.512 %



MAT 1025

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

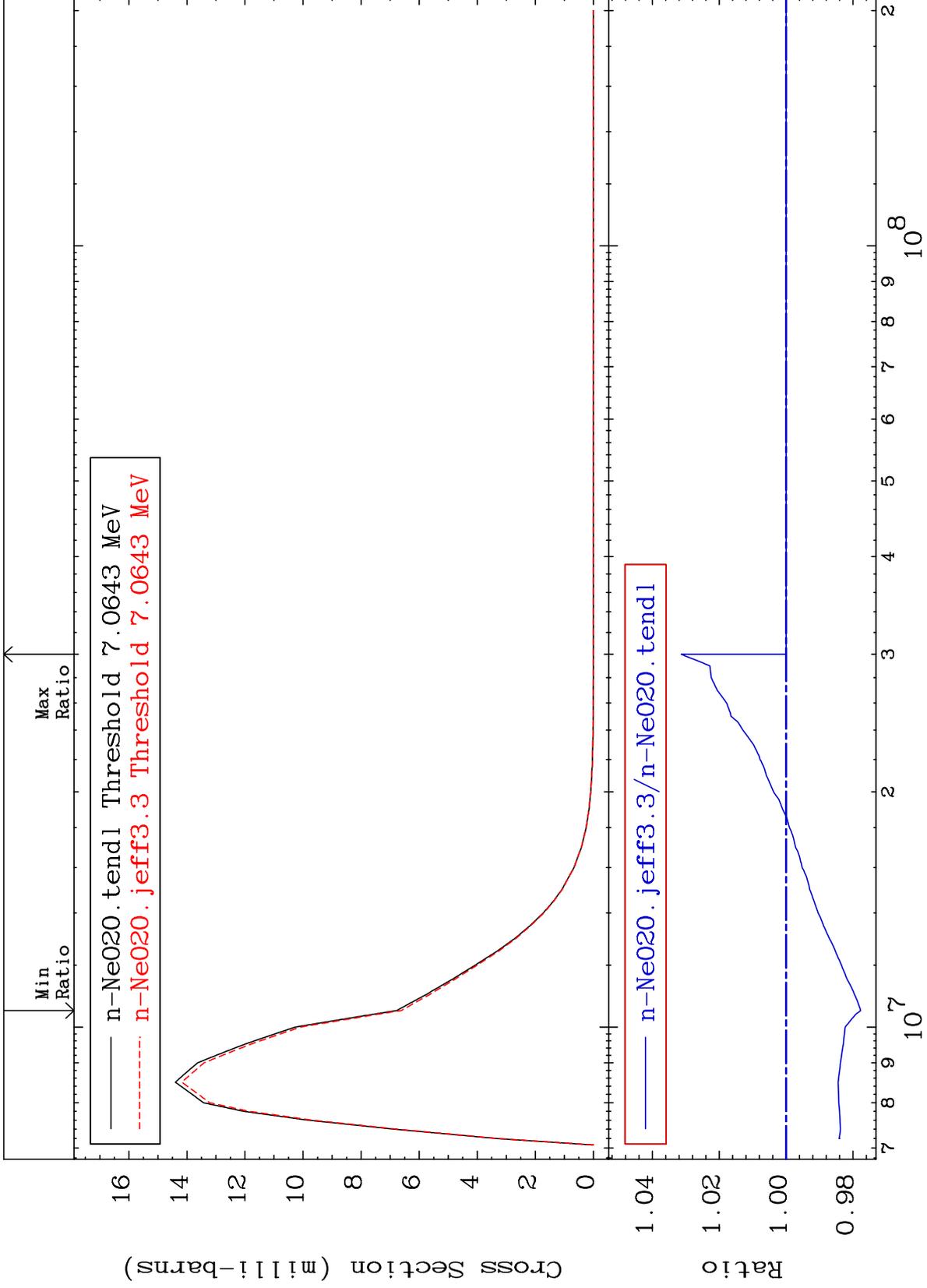
10-Ne-20
-2.163 To 0.499 %



MAT 1025

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

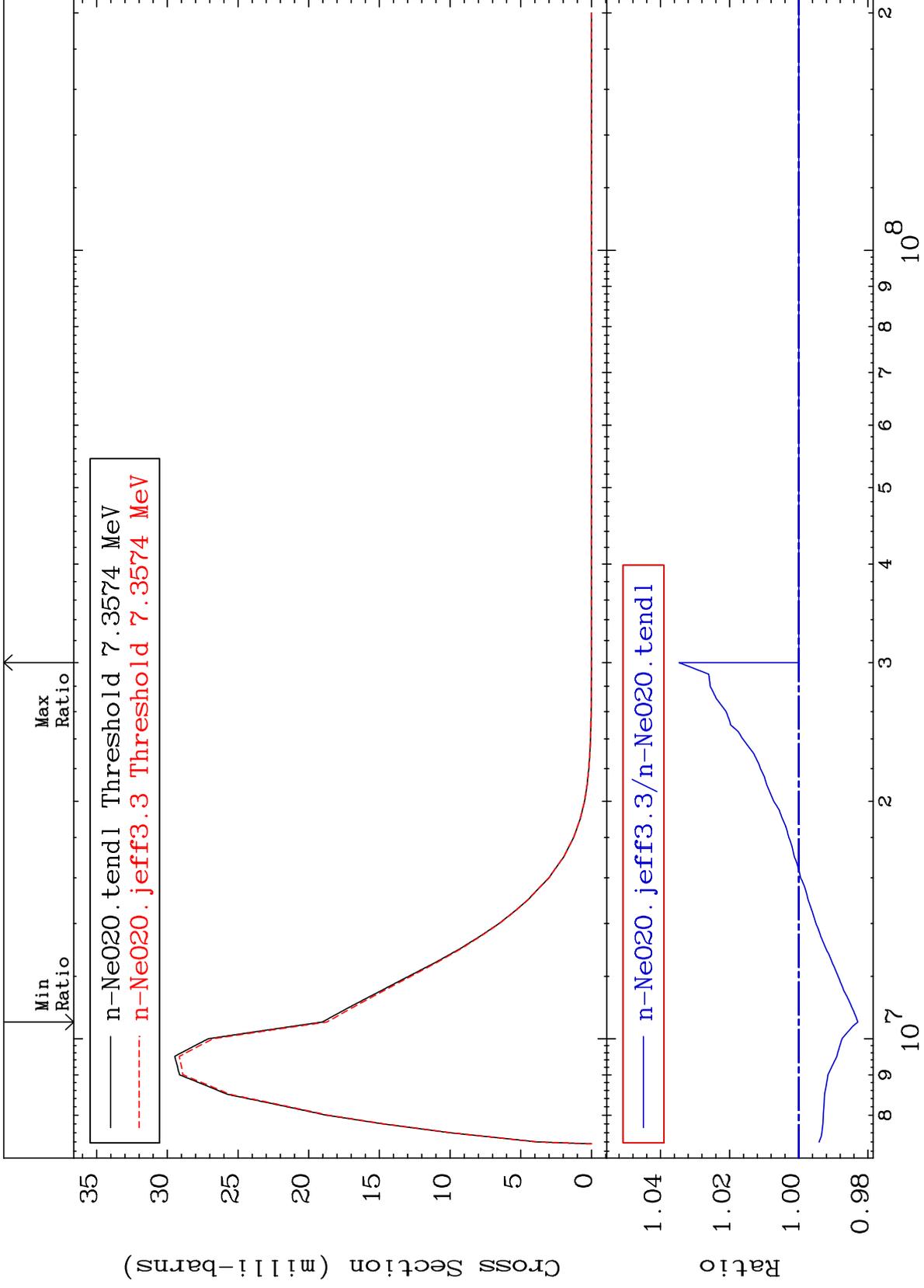
10-Ne-20
-2.230 To 3.134 %



MAT 1025

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

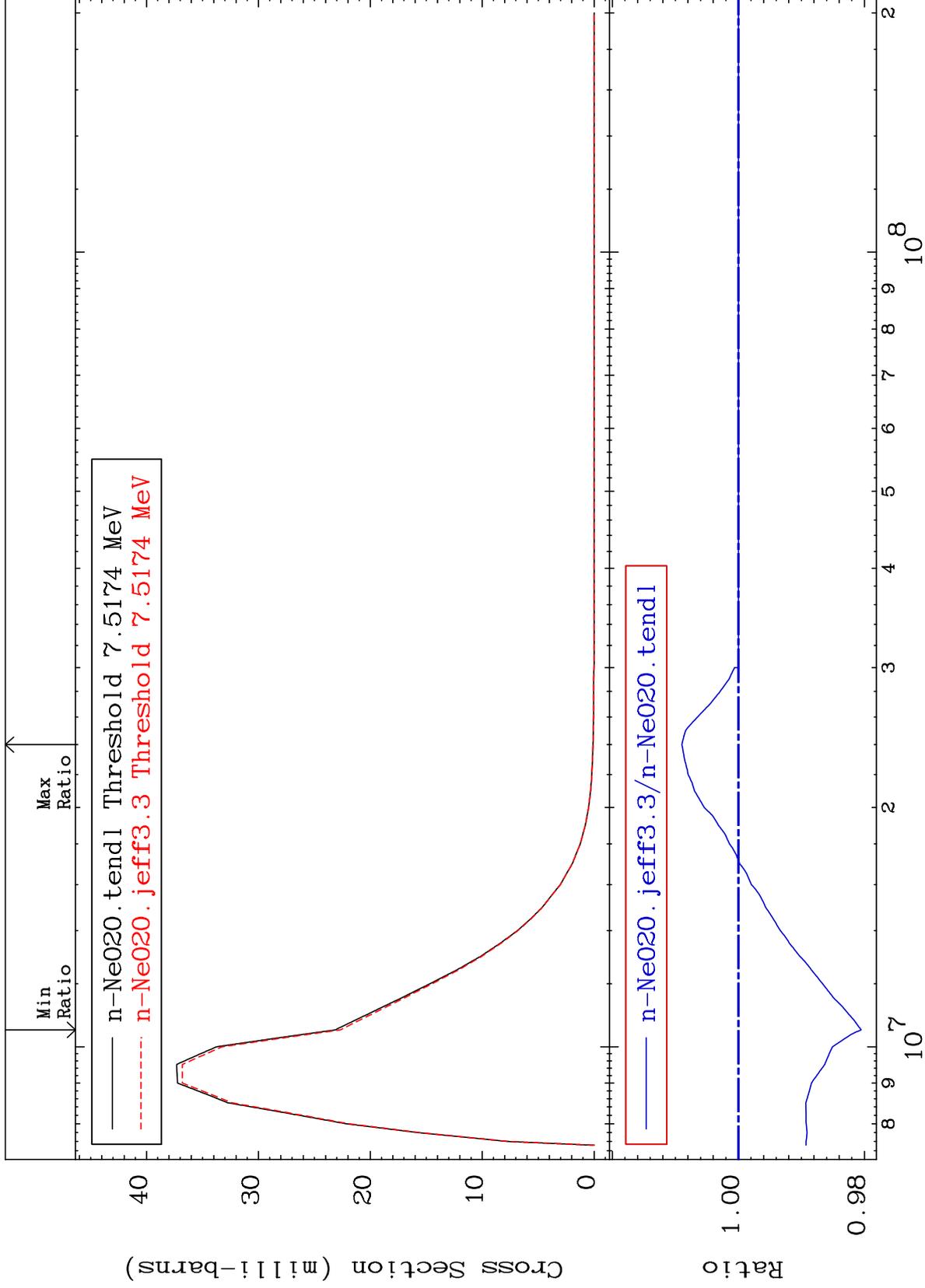
10-Ne-20
-1.712 To 3.465 %



MAT 1025

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

10-Ne-20
-1.948 To 0.897 %



23

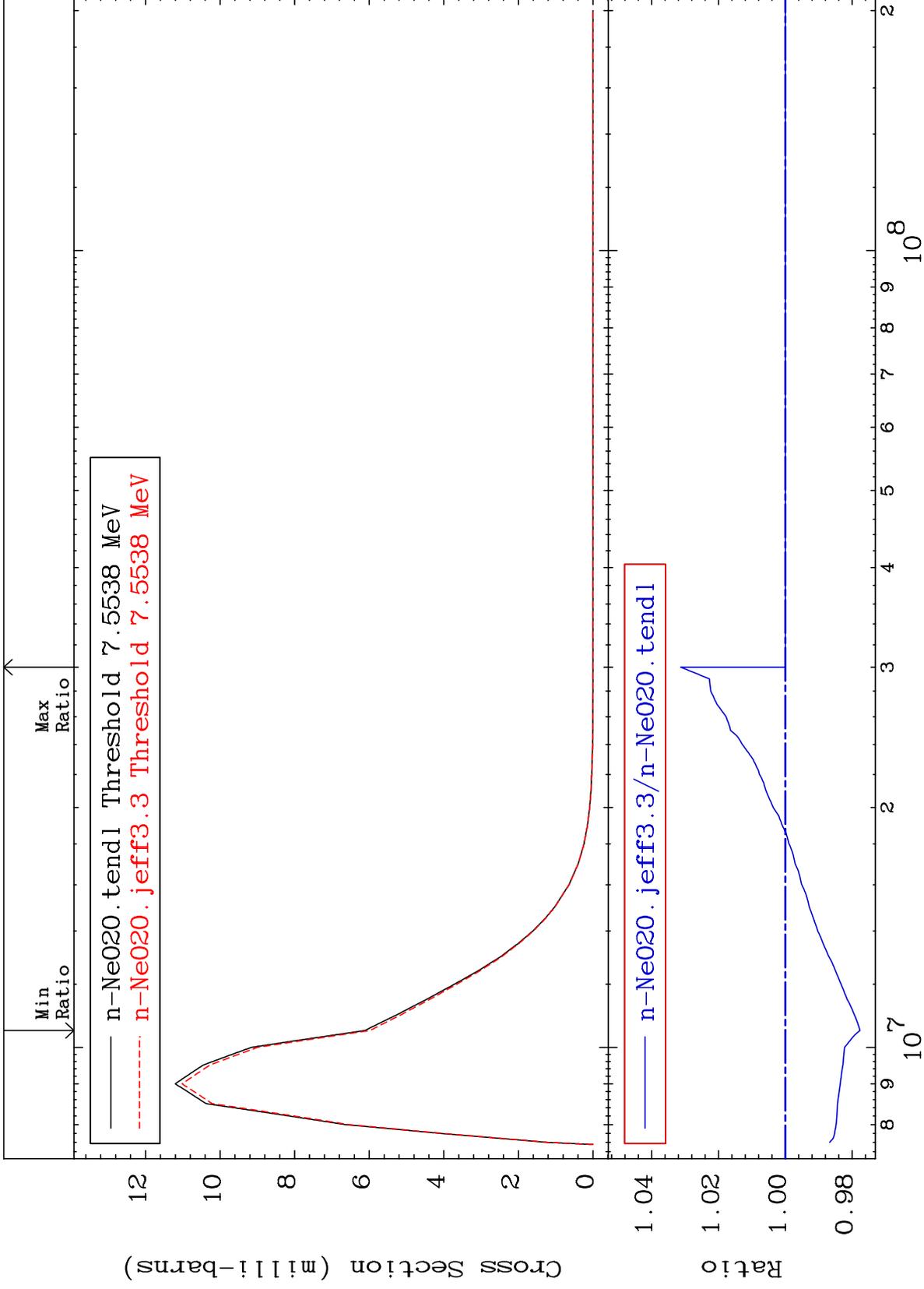
Incident Energy (eV)

10-Ne-20

MAT 1025

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

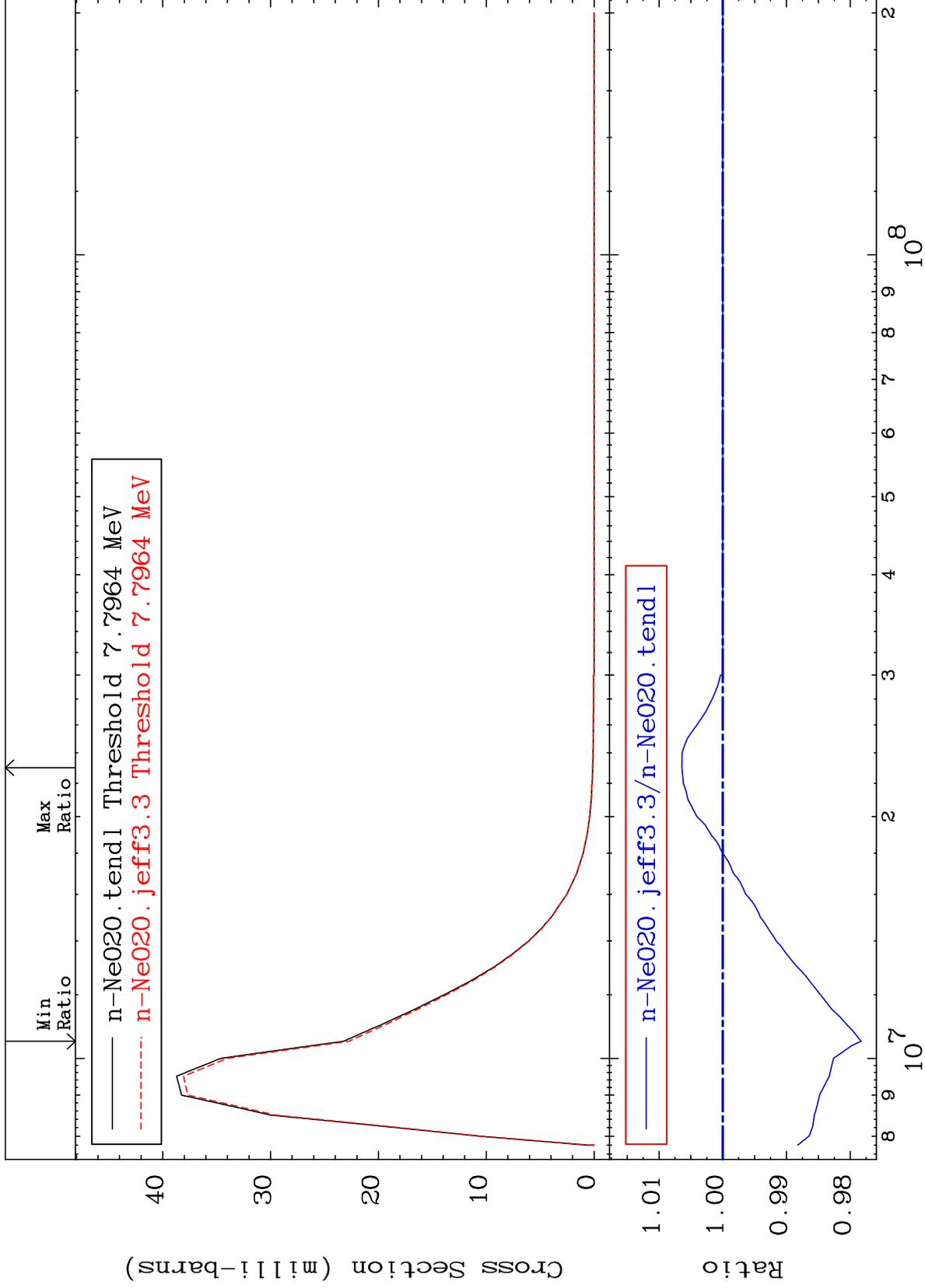
10-Ne-20
-2.237 To 3.129 %



MAT 1025

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

10-Ne-20
-2.170 To 0.641 %



25

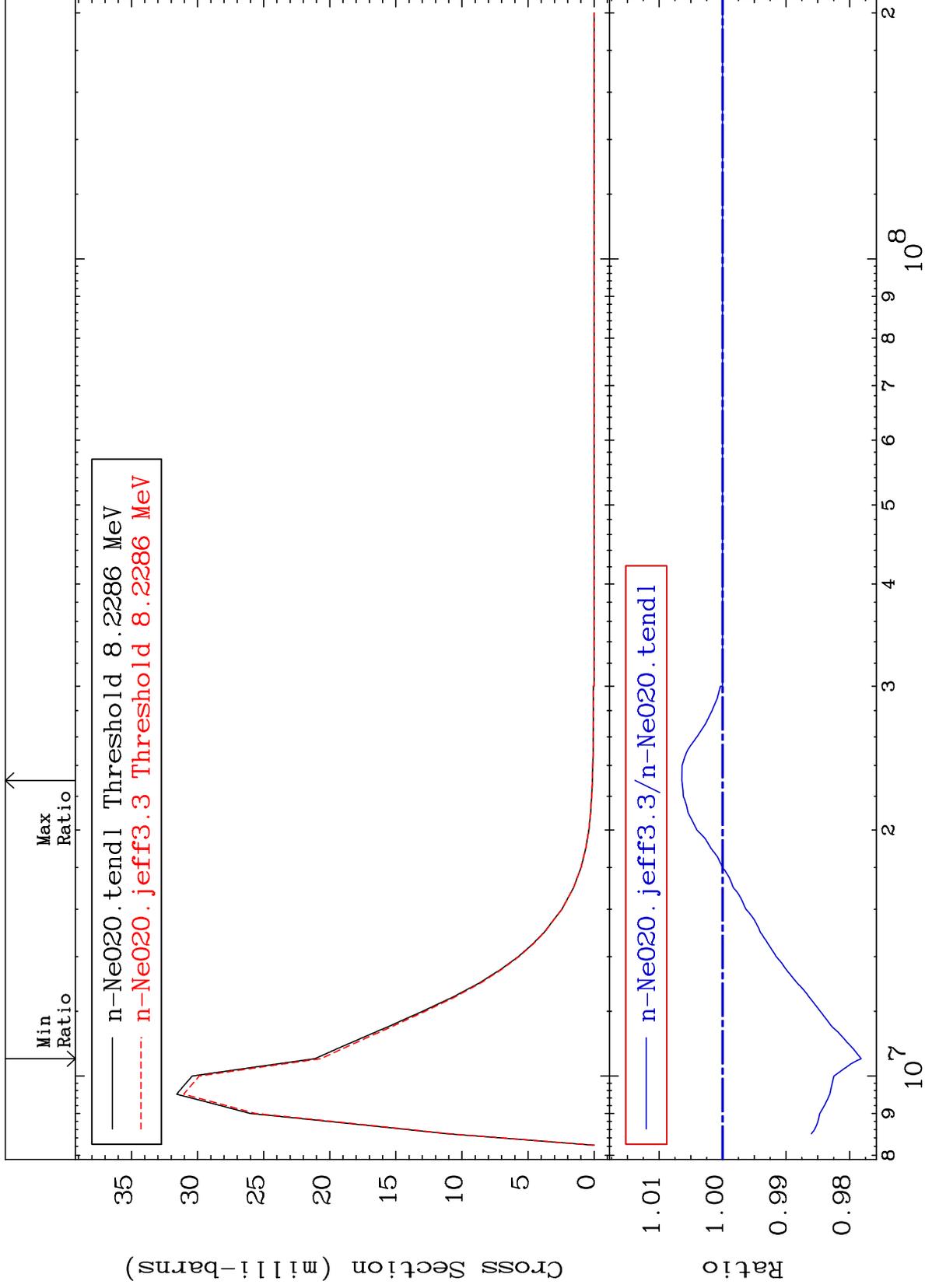
Incident Energy (eV)

10-Ne-20

MAT 1025

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

10-Ne-20
-2.182 To 0.641 %



26

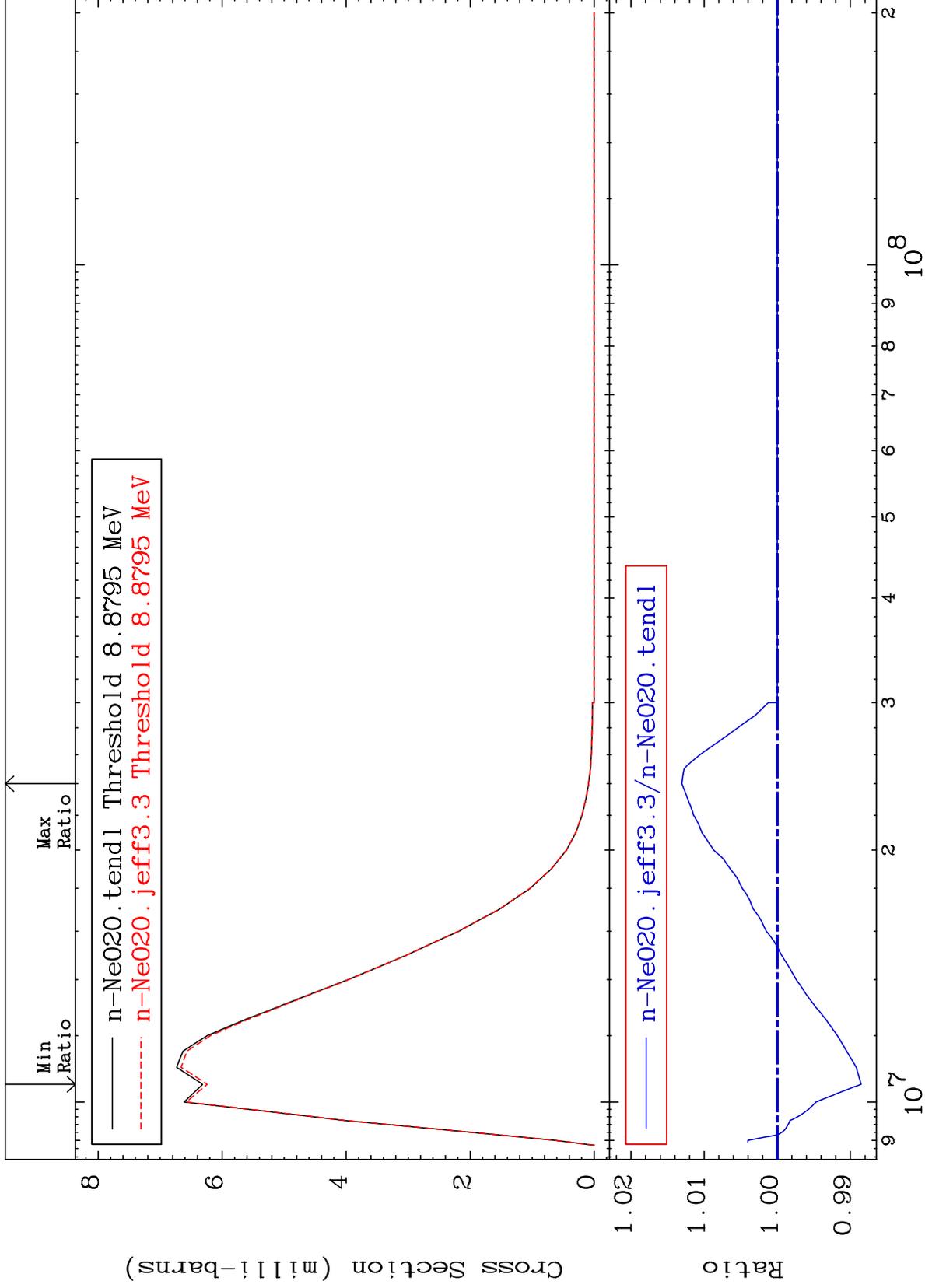
Incident Energy (eV)

10-Ne-20

MAT 1025

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

10-Ne-20
-1.147 To 1.304 %



27

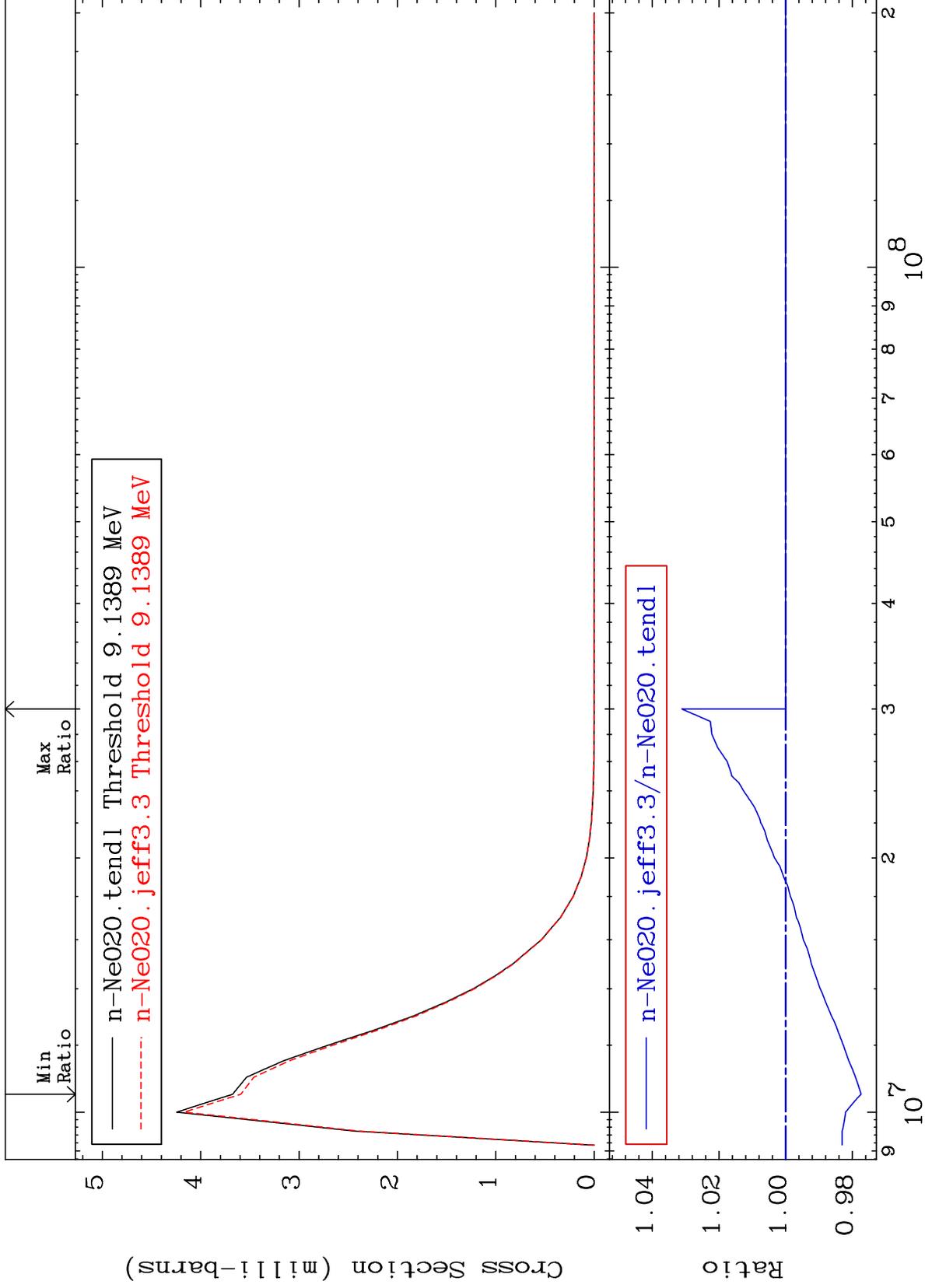
10-Ne-20

10-Ne-20

MAT 1025

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

10-Ne-20
-2.263 To 3.112 %



28

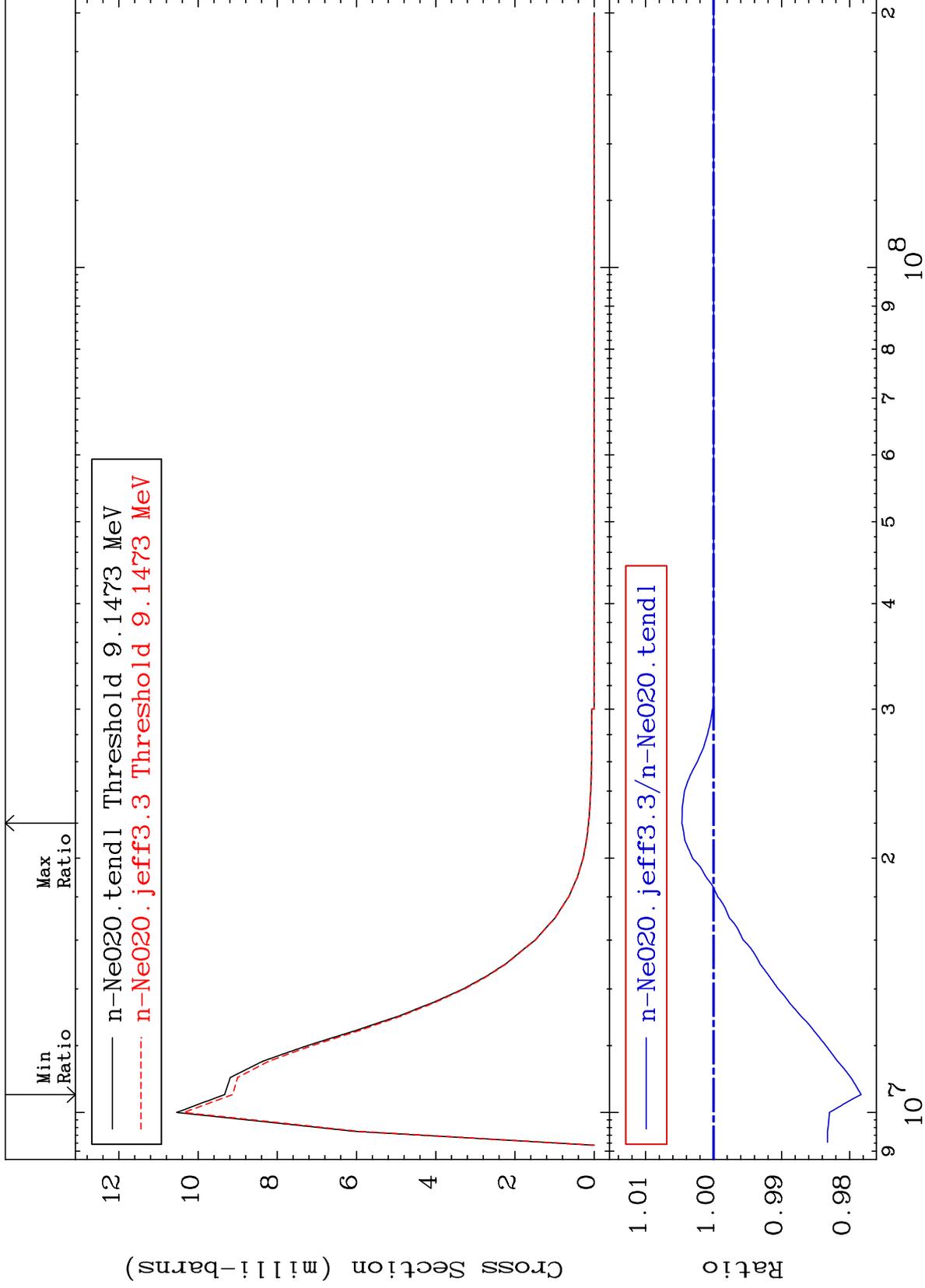
10-Ne-20

10-Ne-20

MAT 1025

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

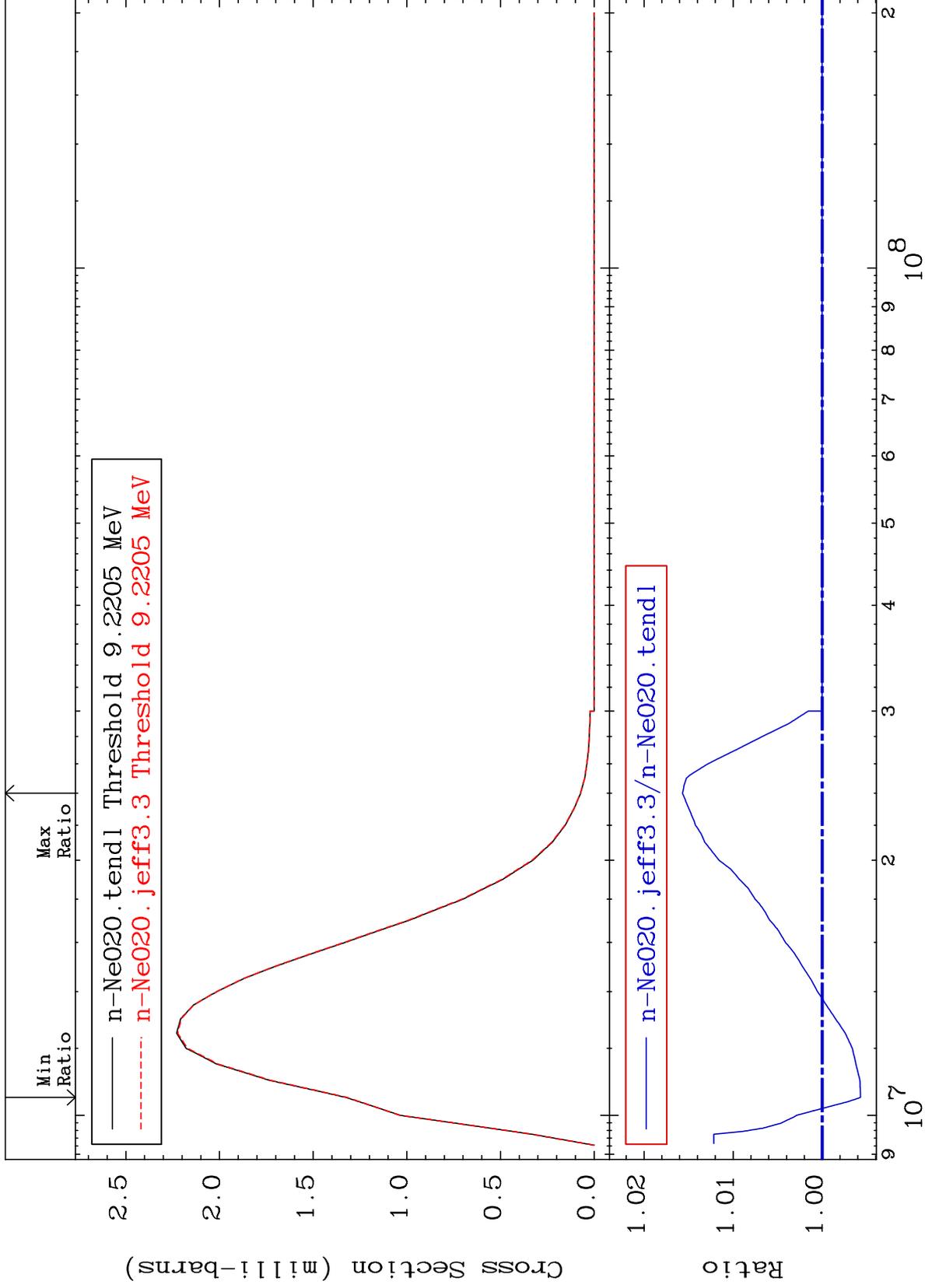
10-Ne-20
-2.170 To 0.466 %



MAT 1025

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

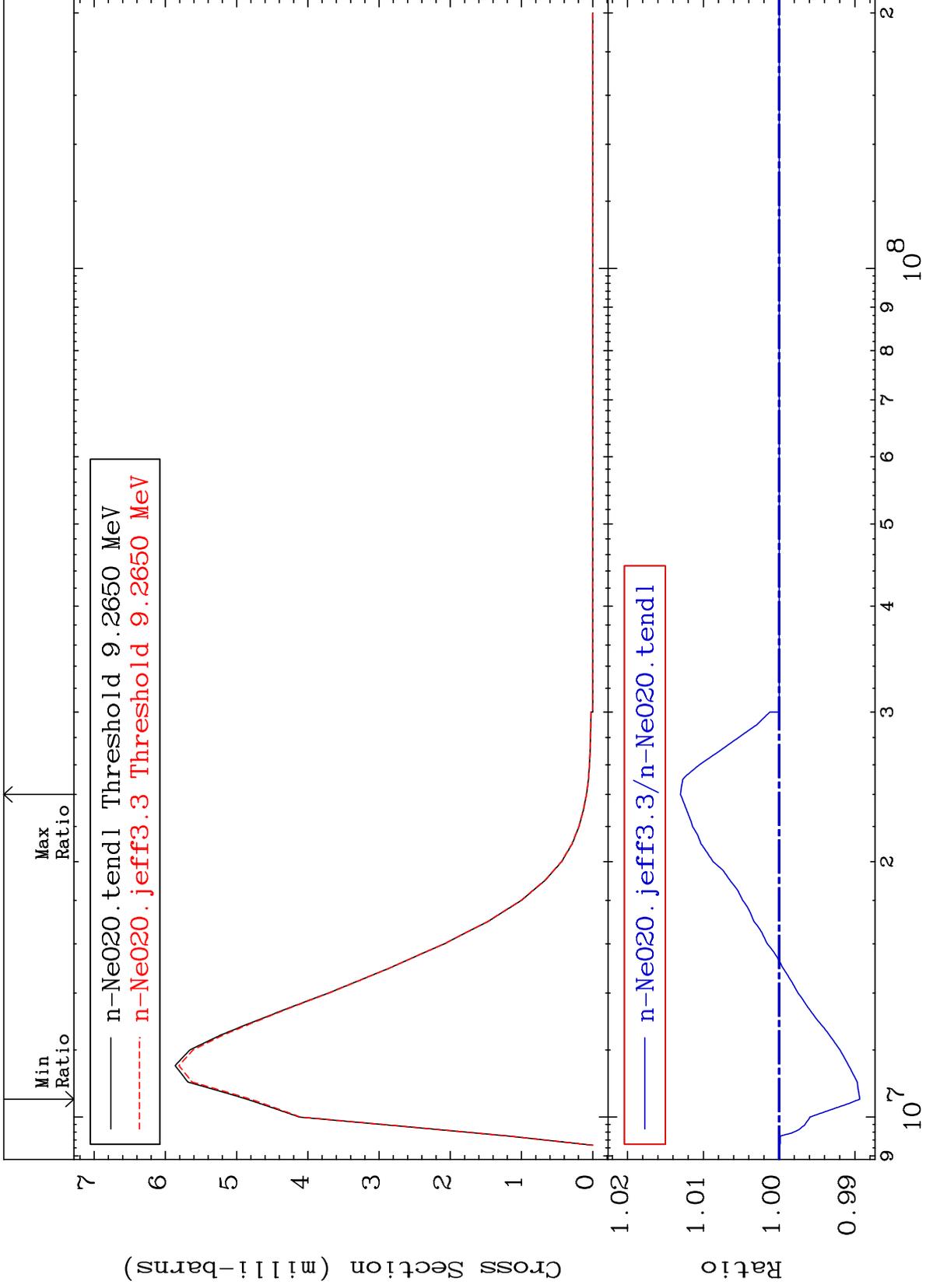
10-Ne-20
-0.431 To 1.568 %



MAT 1025

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

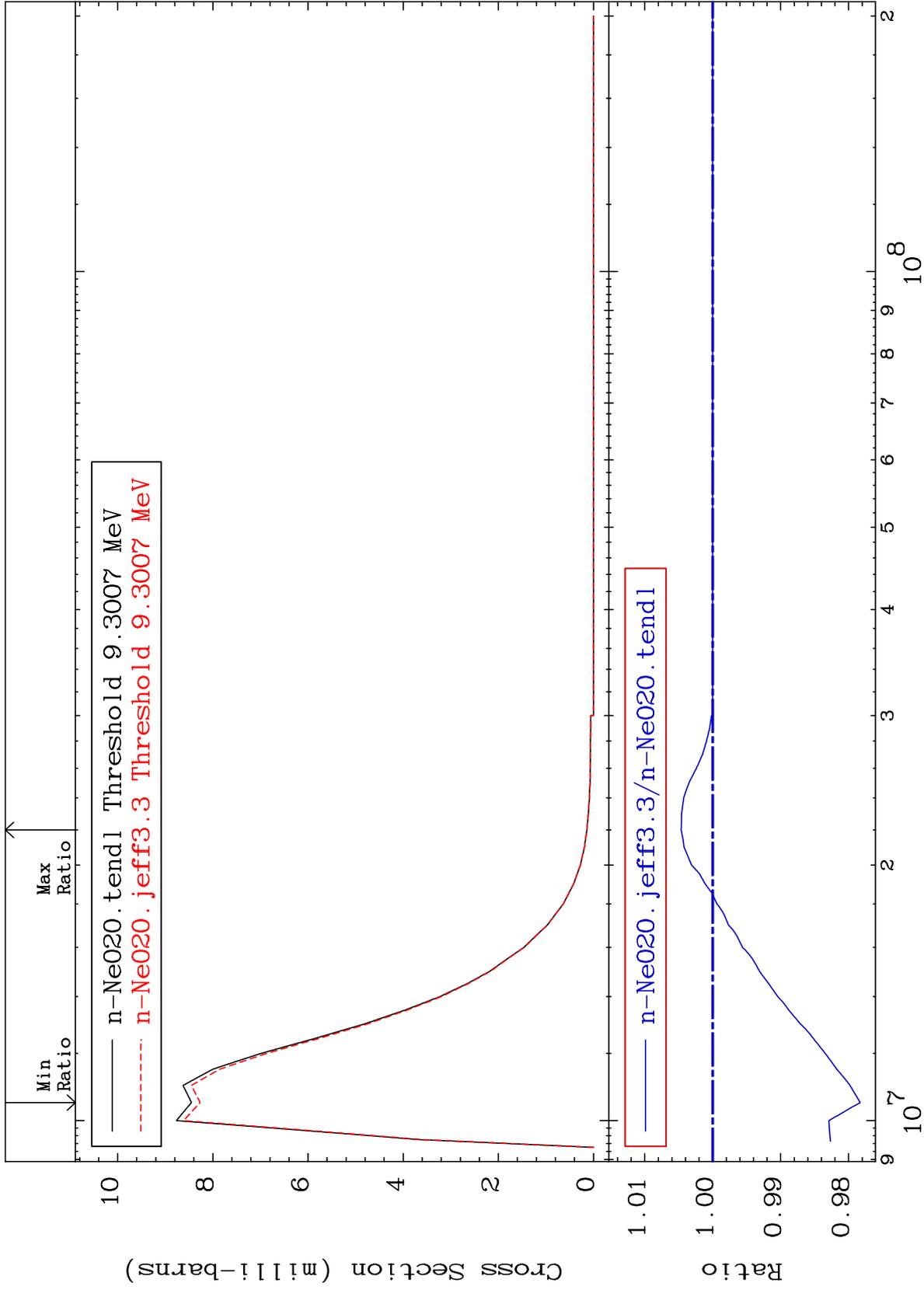
10-Ne-20
-1.064 To 1.301 %



MAT 1025

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

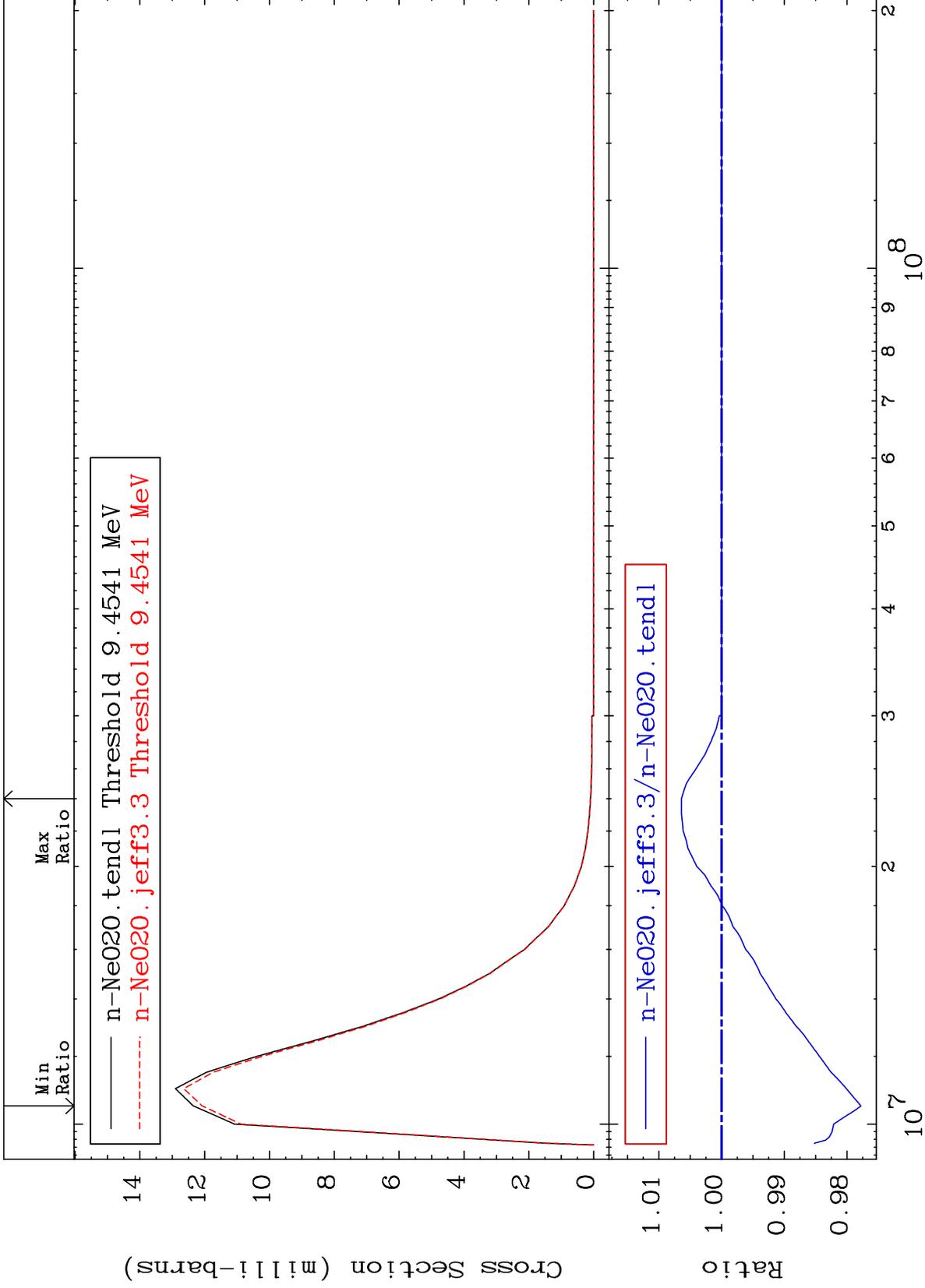
10-Ne-20
-2.171 To 0.464 %



MAT 1025

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

10-Ne-20
-2.222 To 0.639 %



33

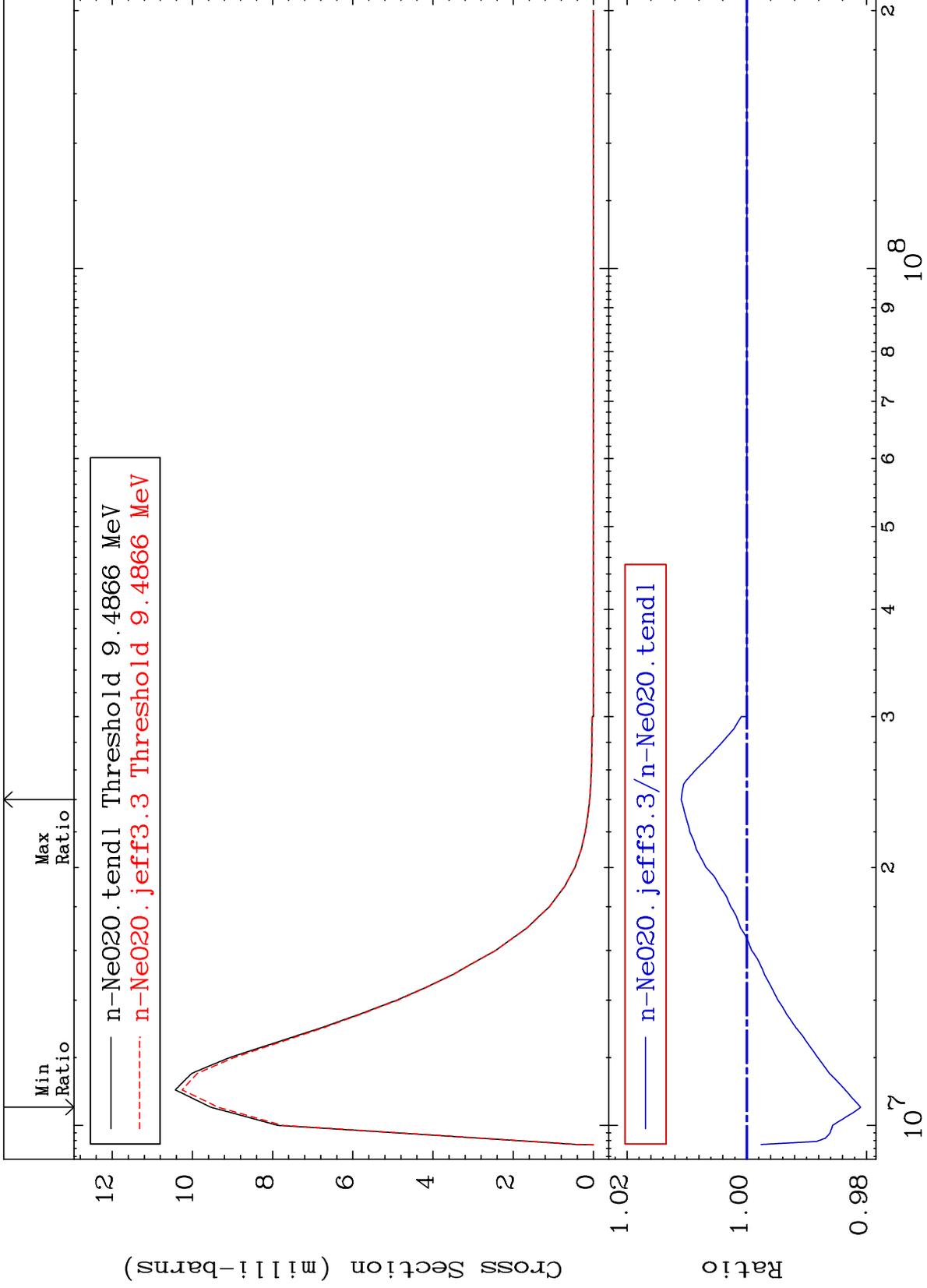
Incident Energy (eV)

10-Ne-20

MAT 1025

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

10-Ne-20
-1.903 To 1.095 %



34

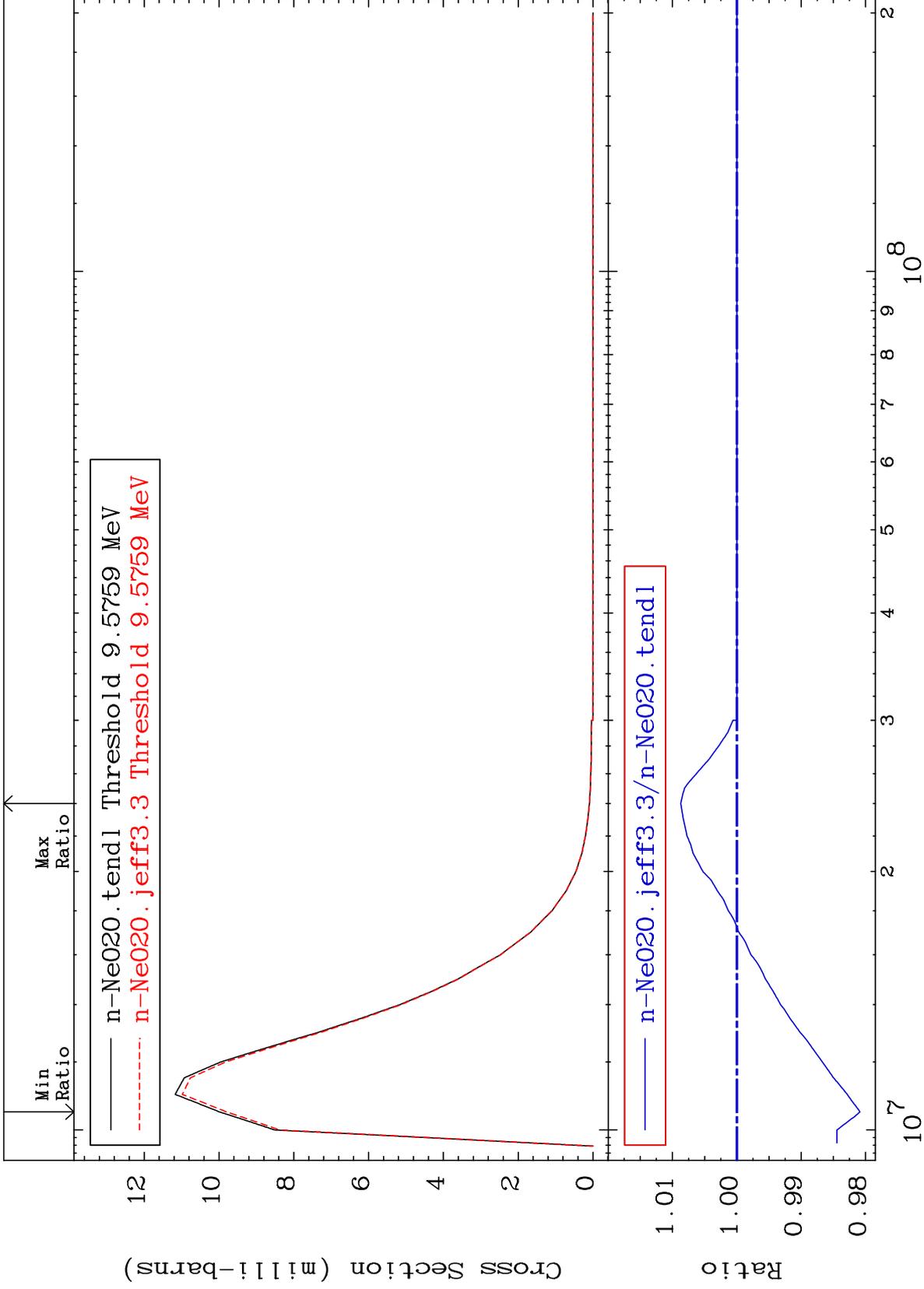
Incident Energy (eV)

10-Ne-20

MAT 1025

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

10-Ne-20
-1.915 To 0.871 %



35

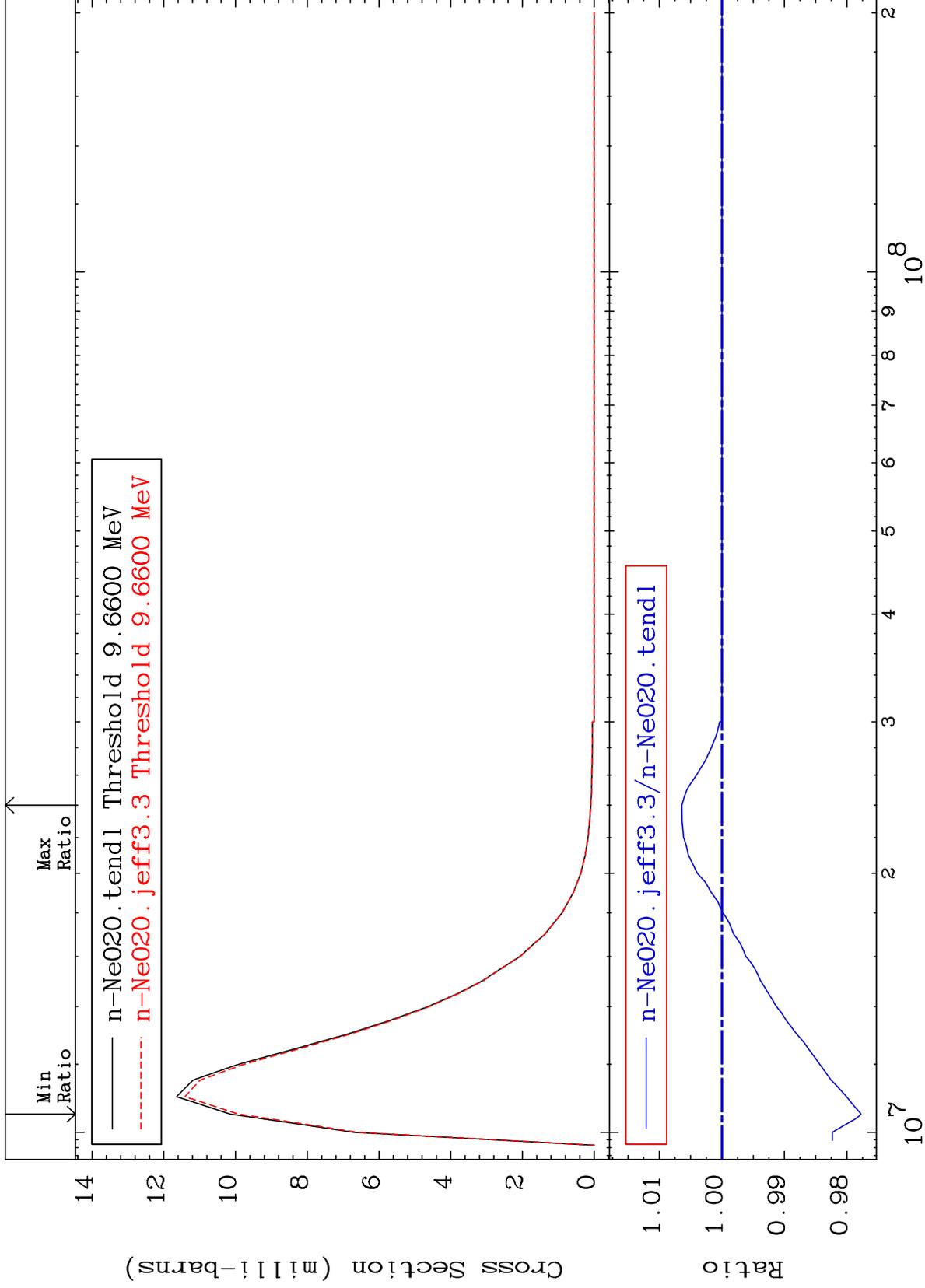
Incident Energy (eV)

10-Ne-20

MAT 1025

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

10-Ne-20
-2.227 To 0.640 %



36

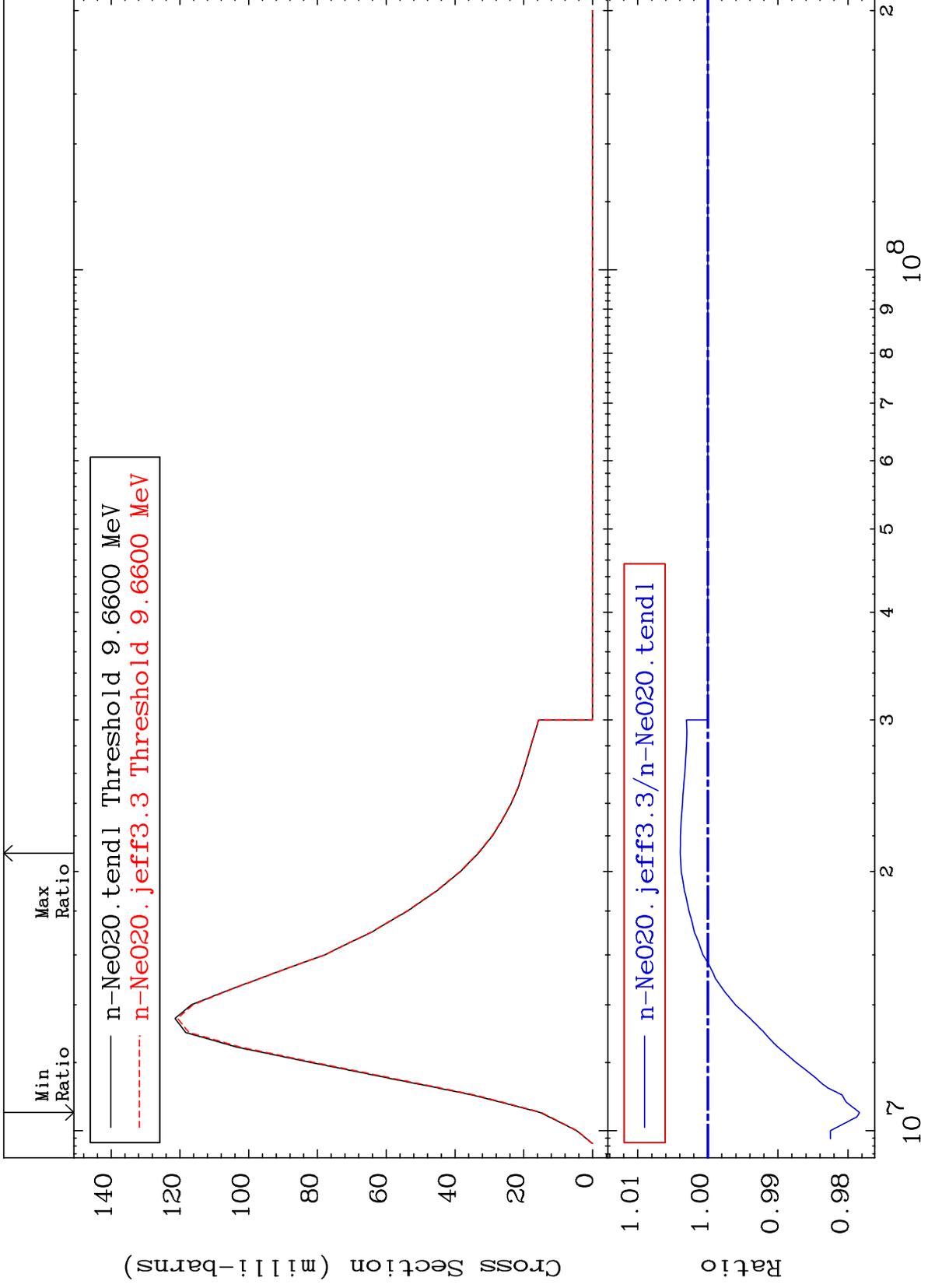
Incident Energy (eV)

10-Ne-20

MAT 1025

(n,n') Continuum
Cross Section

10-Ne-20
-2.163 To 0.393 %

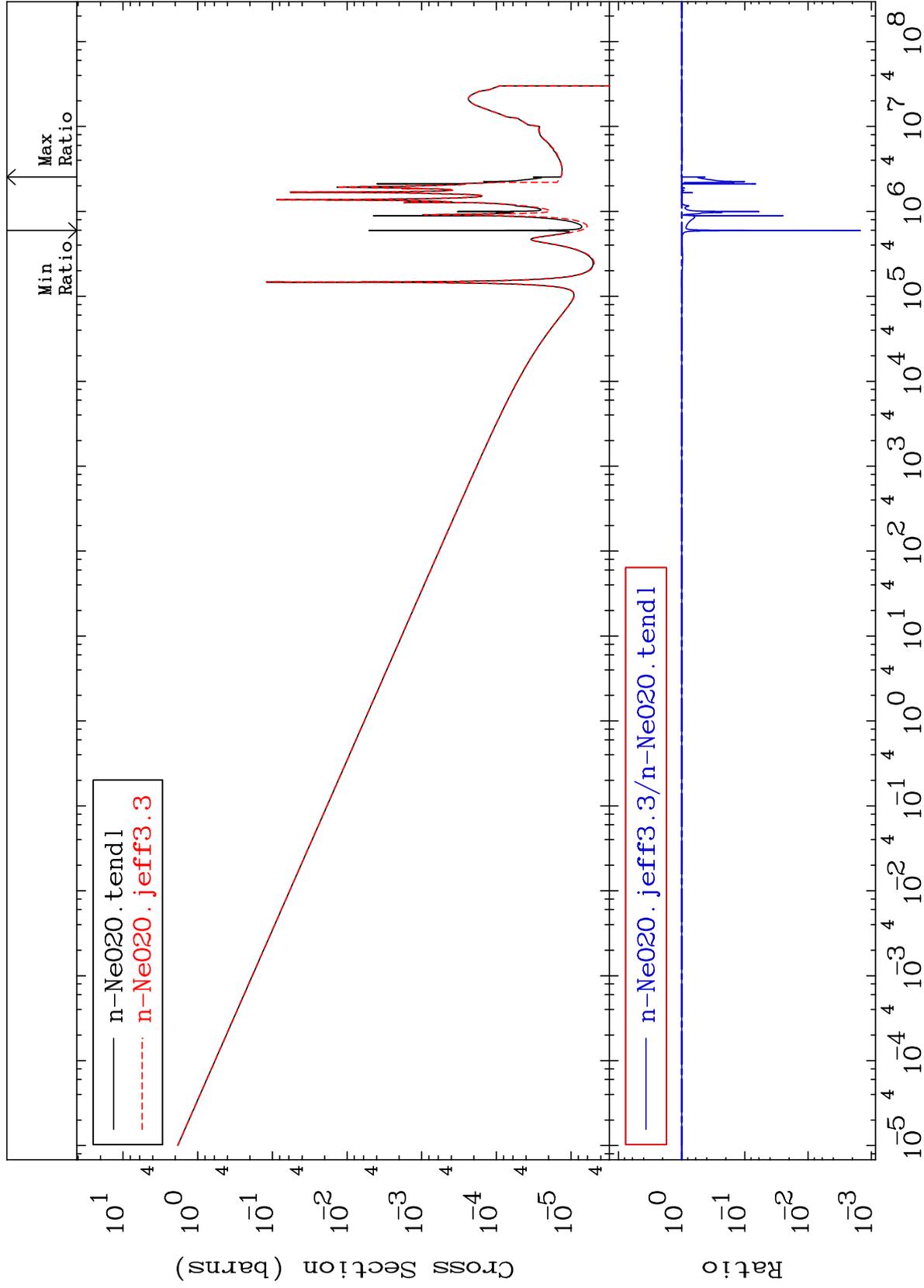


MAT 1025

(n, γ)
Cross Section

10-Ne-20

-99.85 To 0.261 %



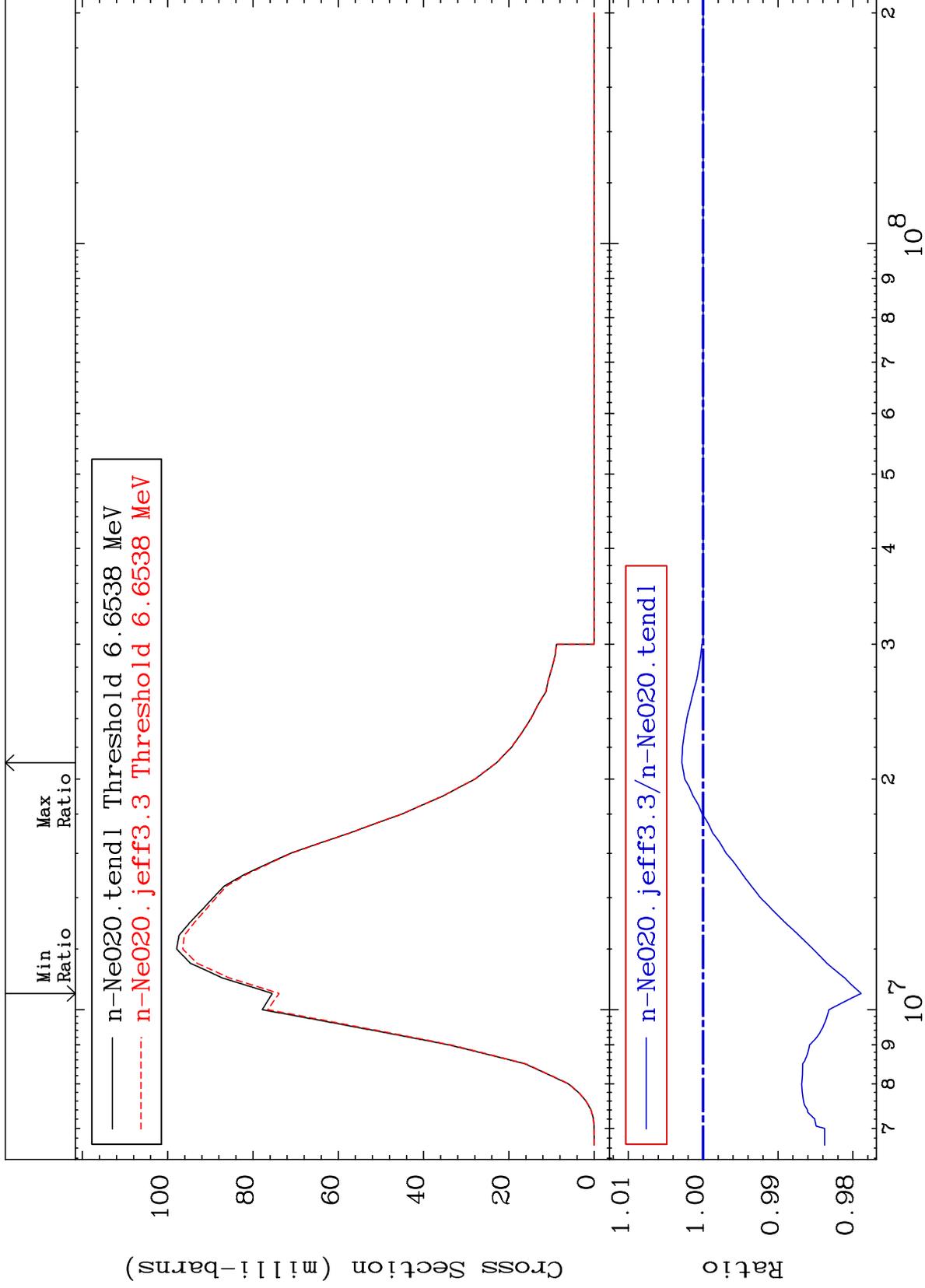
MAT 1025

(n,p)

10-Ne-20

Cross Section

-2.111 To 0.283 %



39

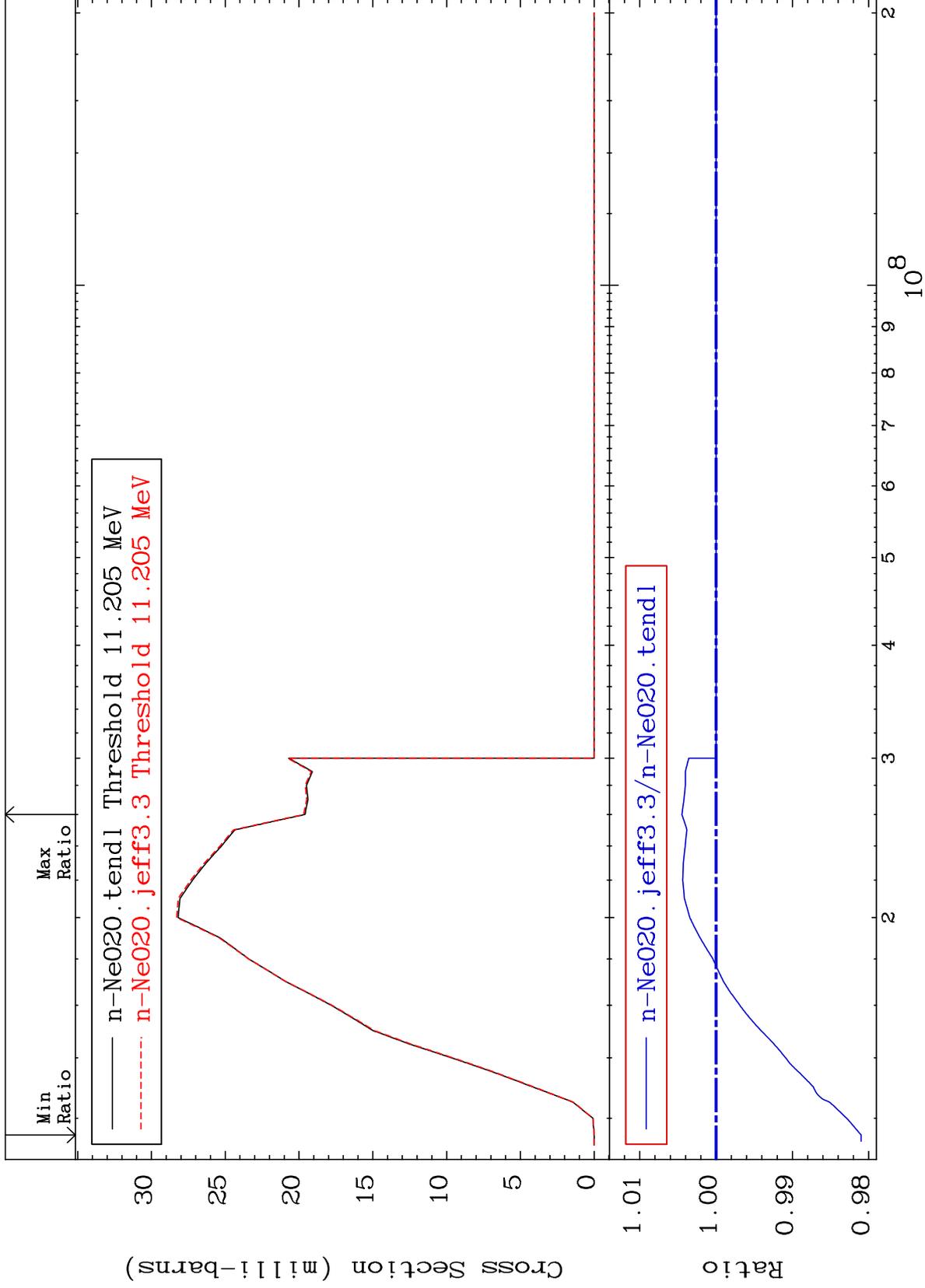
Incident Energy (eV)

10-Ne-20

MAT 1025

(n, d)
Cross Section

10-Ne-20
-1.900 To 0.448 %



40

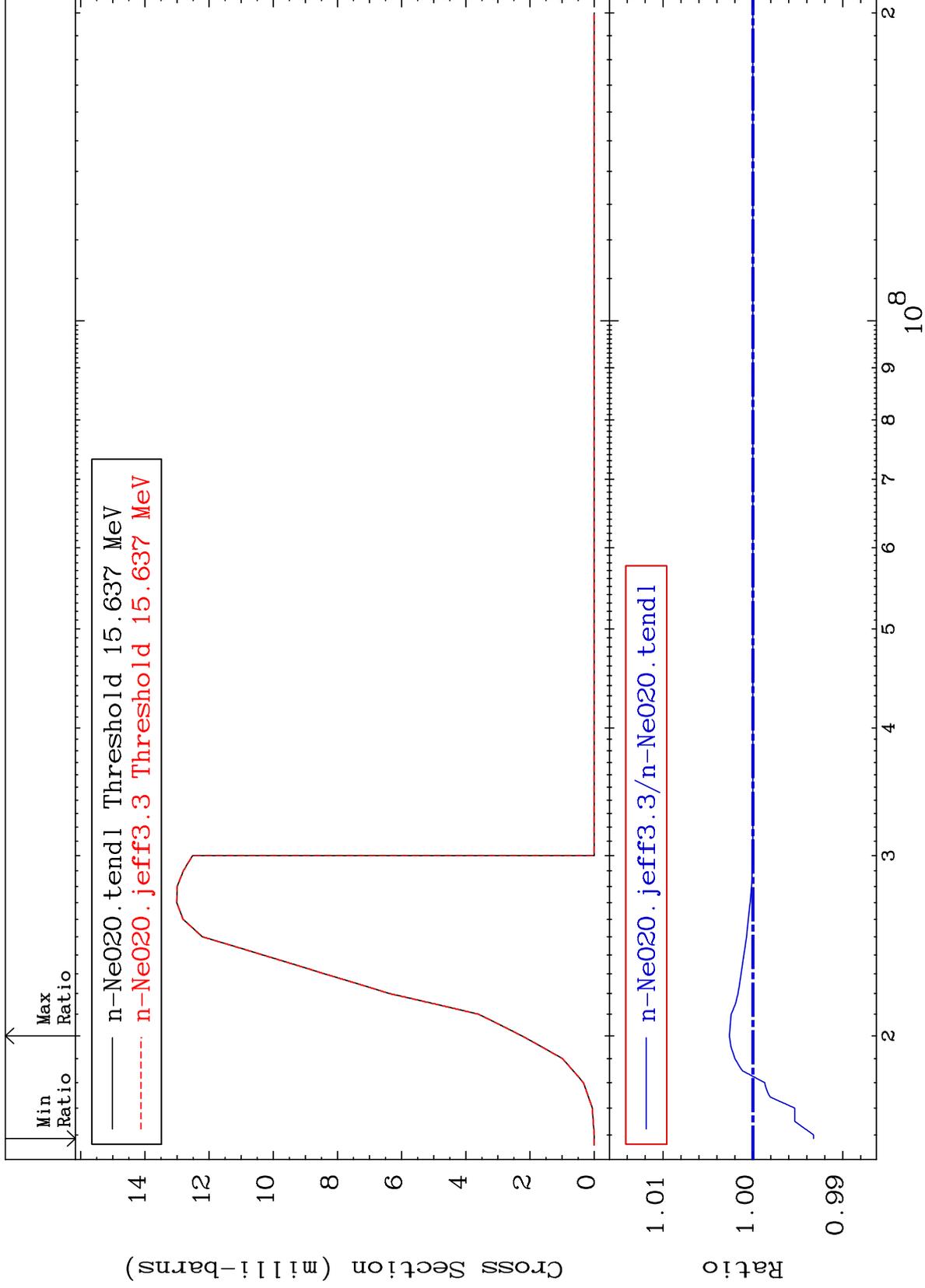
Incident Energy (eV)

10-Ne-20

MAT 1025

(n, t)
Cross Section

10-Ne-20
-0.677 To 0.262 %



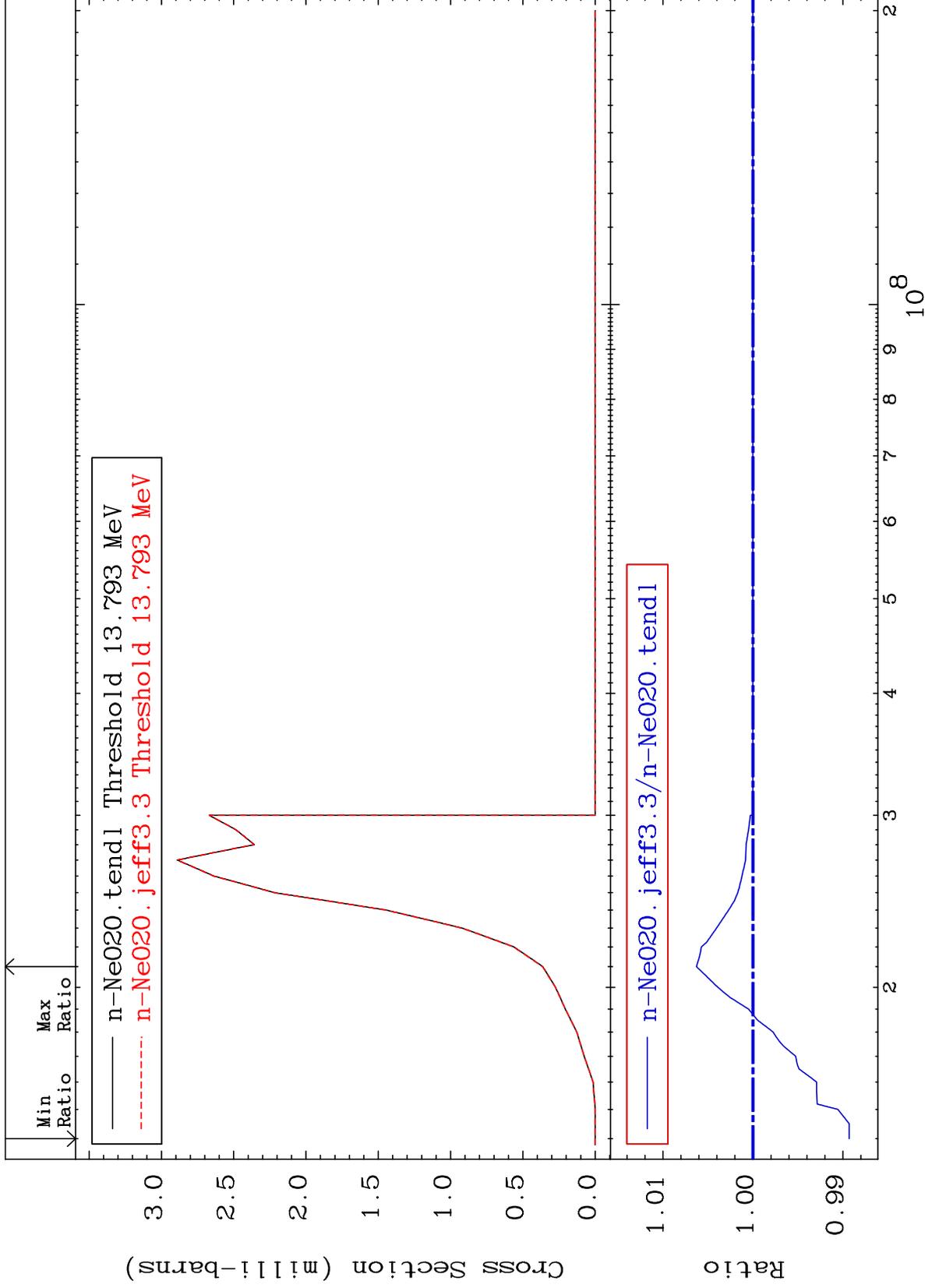
MAT 1025

(n, He-3)

10-Ne-20

Cross Section

-1.071 To 0.628 %



42

Incident Energy (eV)

10-Ne-20

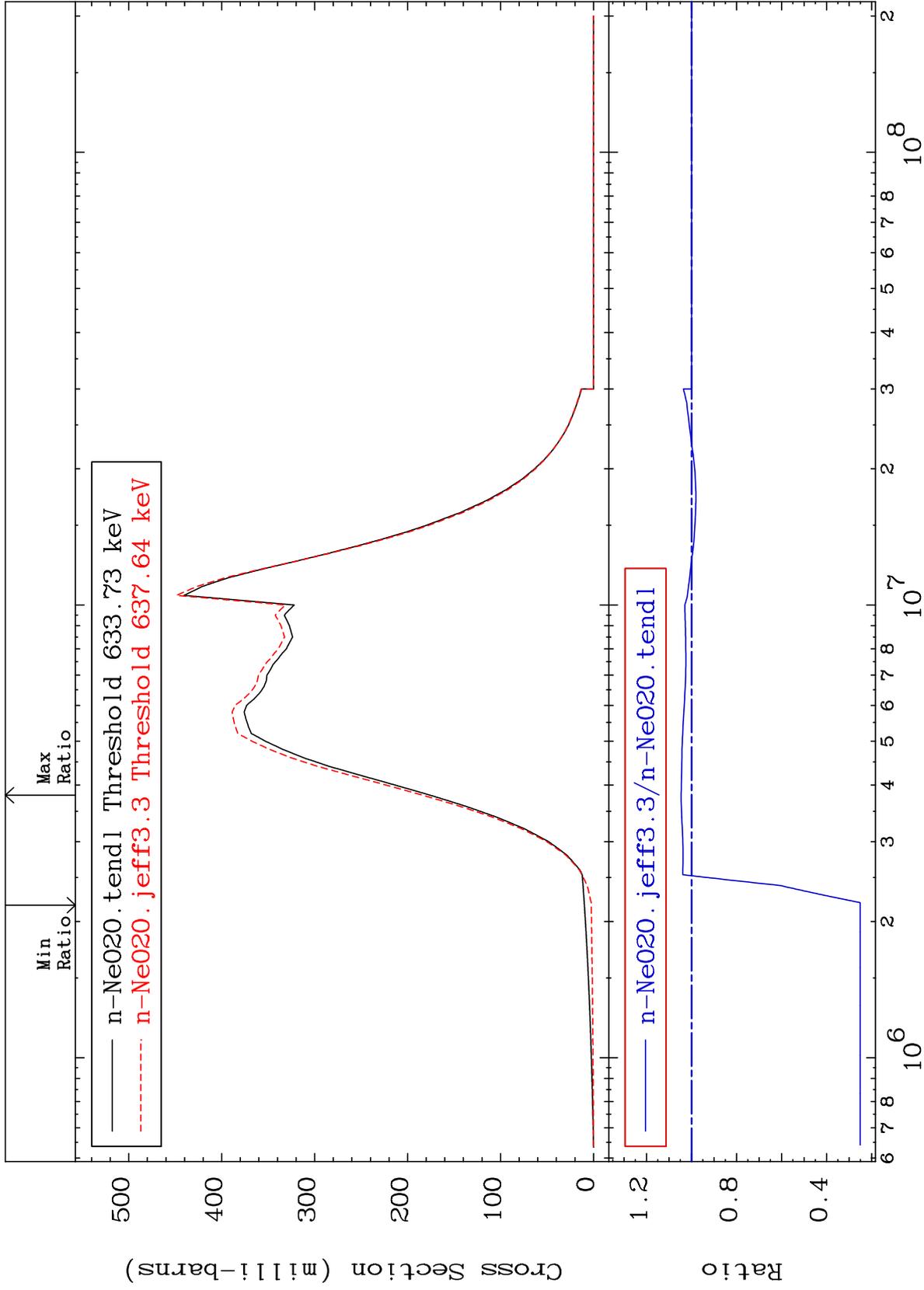
MAT 1025

(n, α)

10-Ne-20

Cross Section

-74.93 To 4.631 %



43

Incident Energy (eV)

10-Ne-20

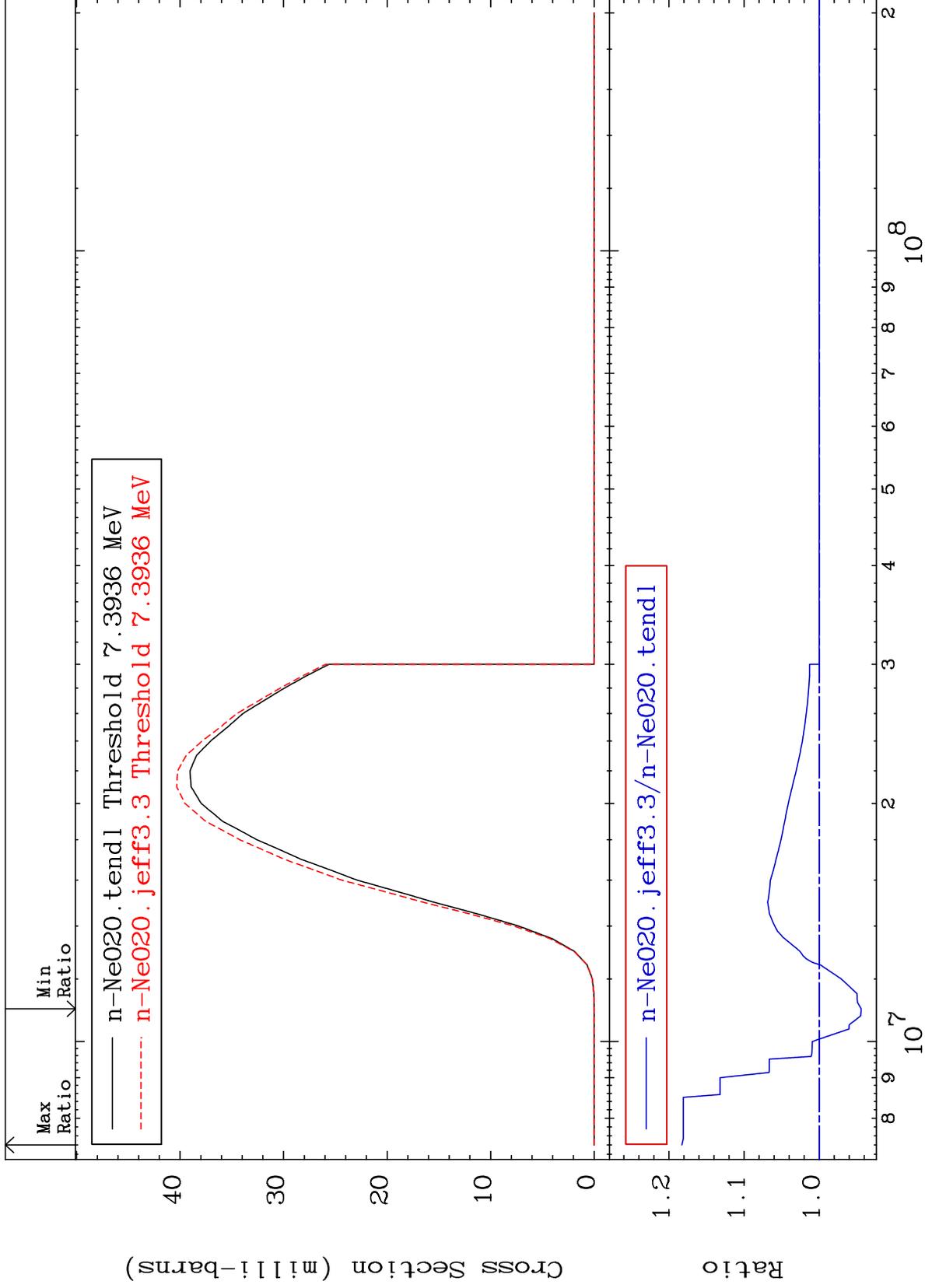
MAT 1025

(n,2α)

10-Ne-20

Cross Section

-5.588 To 18.28 %



MAT 1025

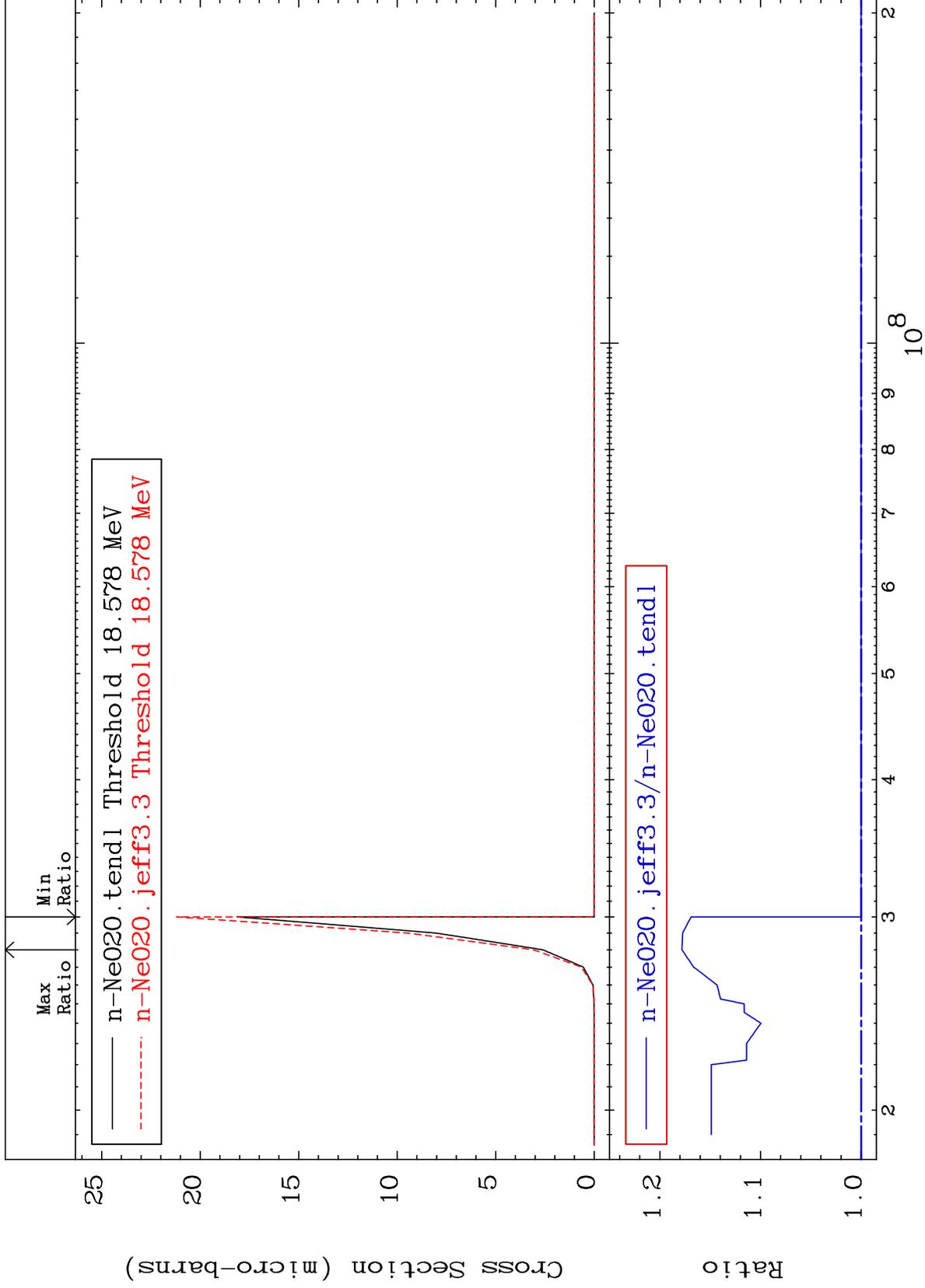
(n,3 α)

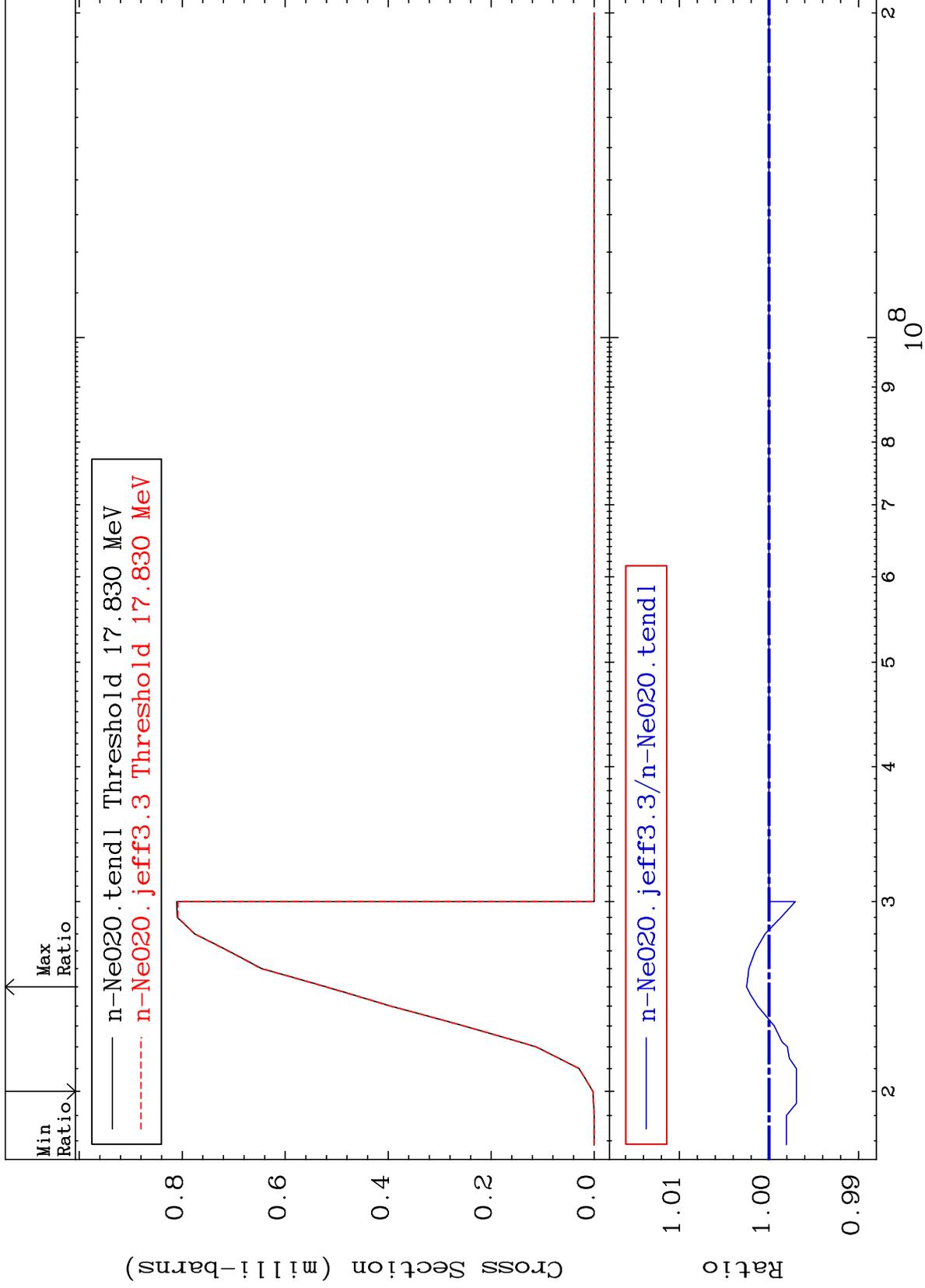
10-Ne-20

Cross Section

0.000

To 17.81 %





MAT 1025

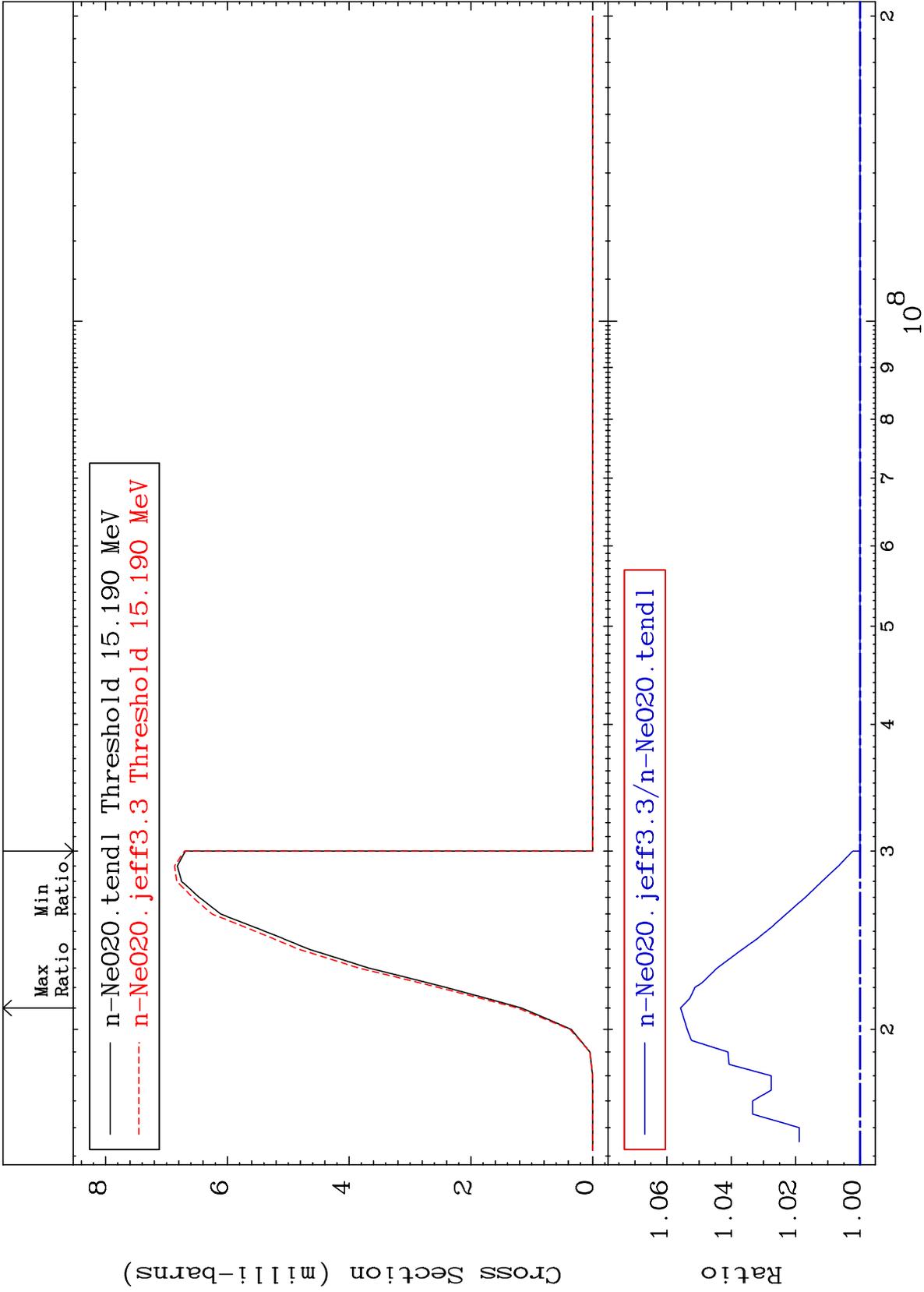
(n, p) α

10-Ne-20

Cross Section

0.000

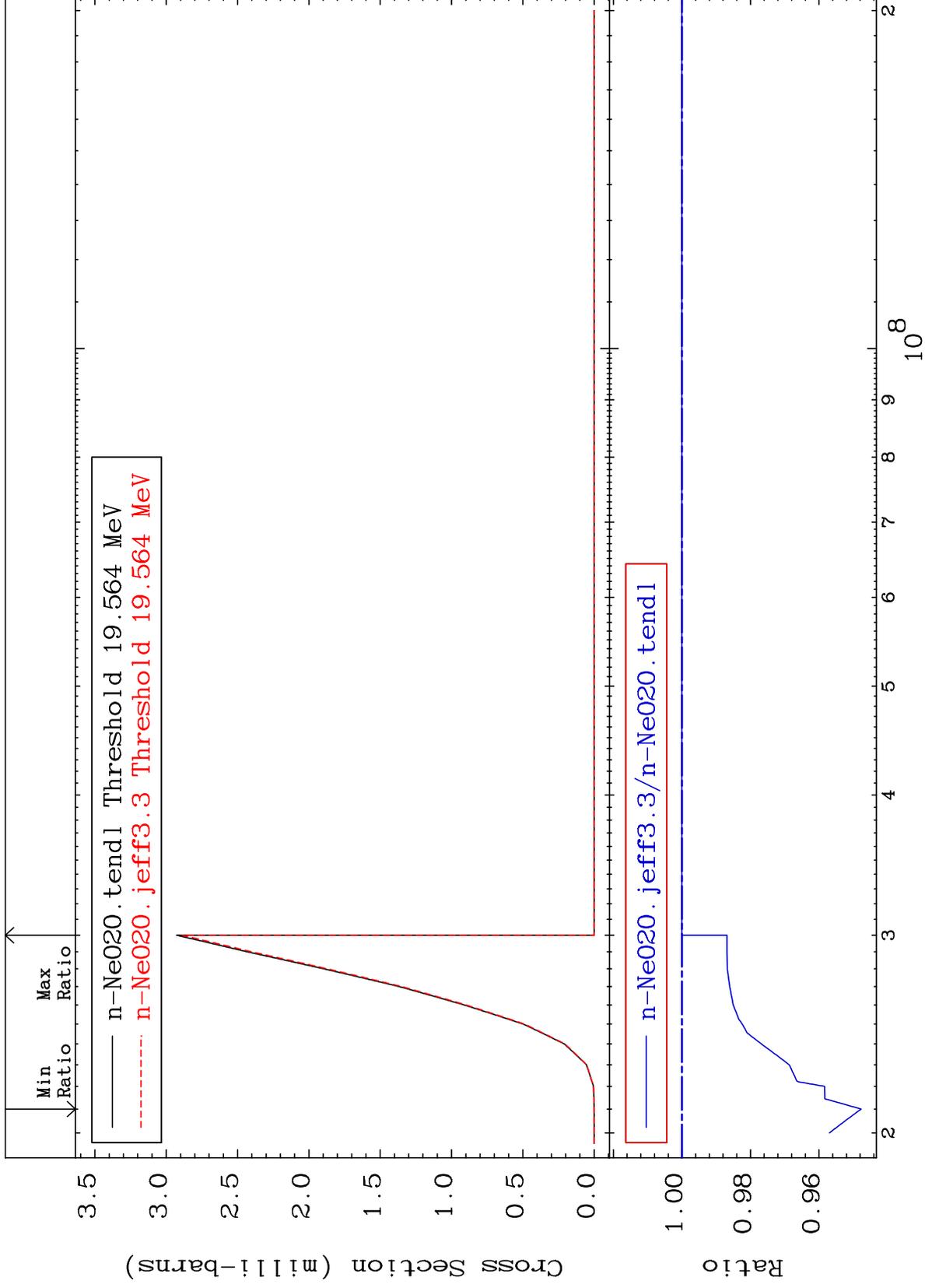
To 5.579 %



MAT 1025

(n, p) d
Cross Section

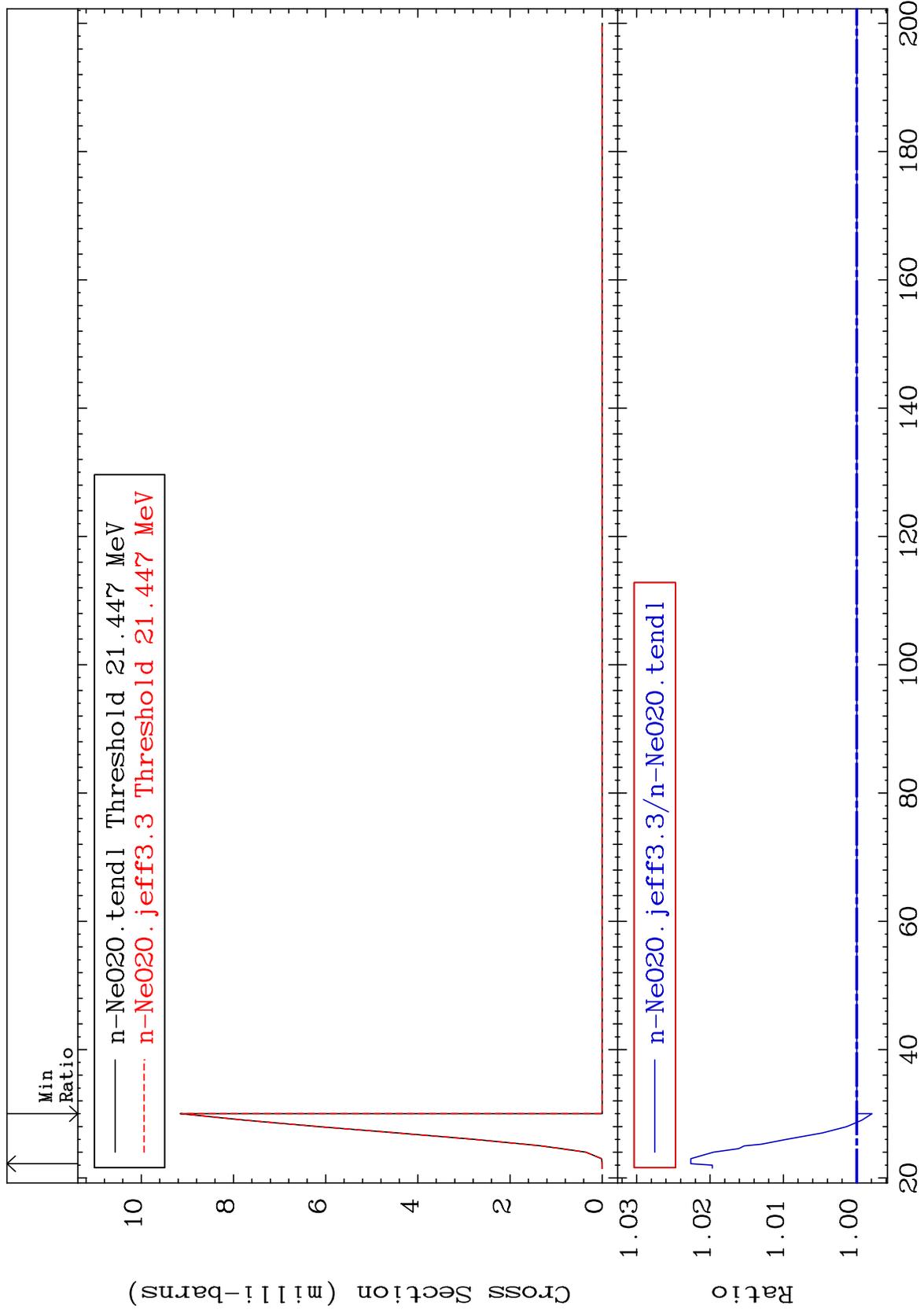
10-Ne-20
-5.228 To 0.000 %



MAT 1025

(n,p) t
Cross Section

10-Ne-20
-0.208 To 2.261 %



49

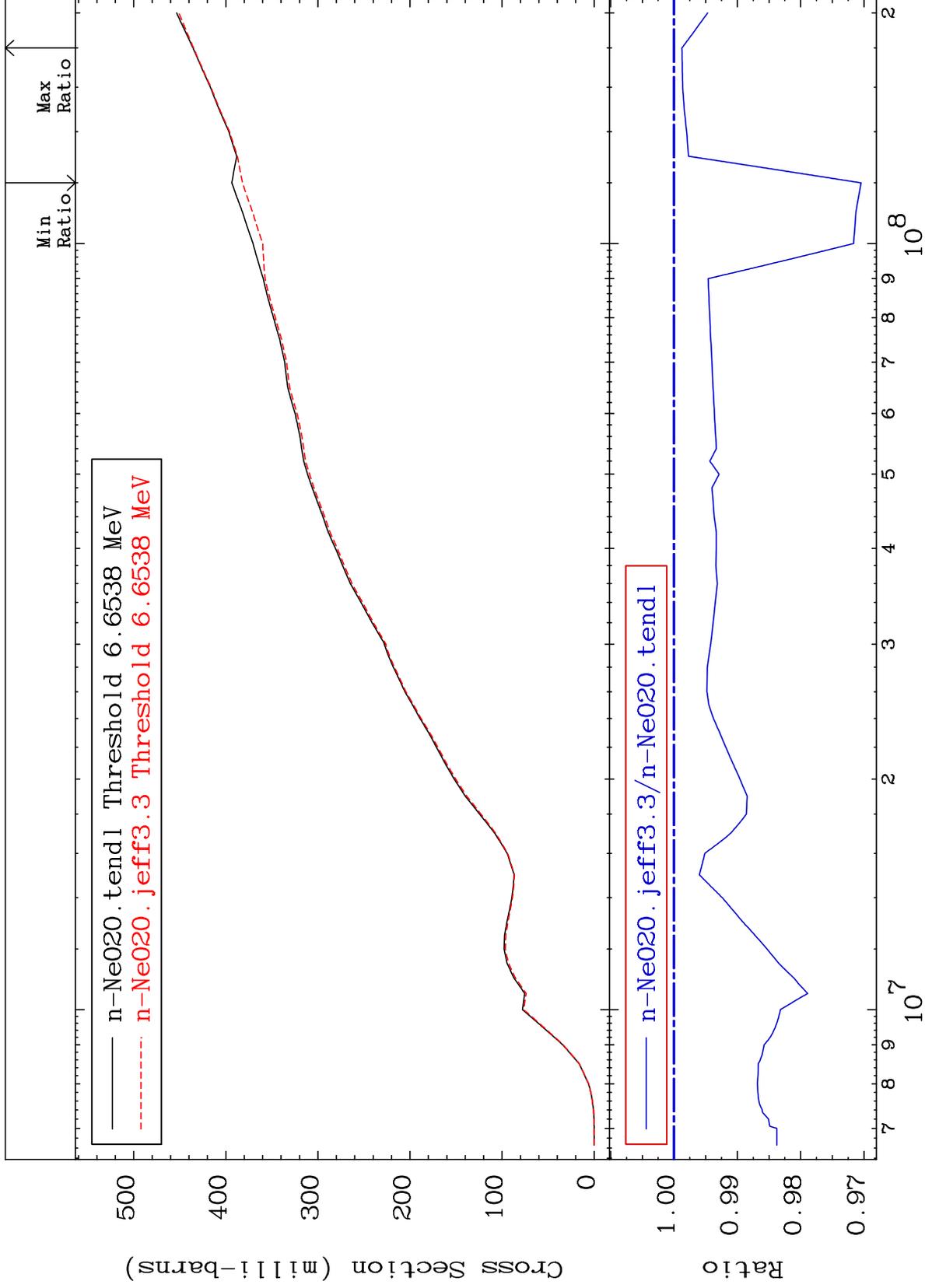
Incident Energy (MeV)

10-Ne-20

MAT 1025

Hydrogen Production
Cross Section

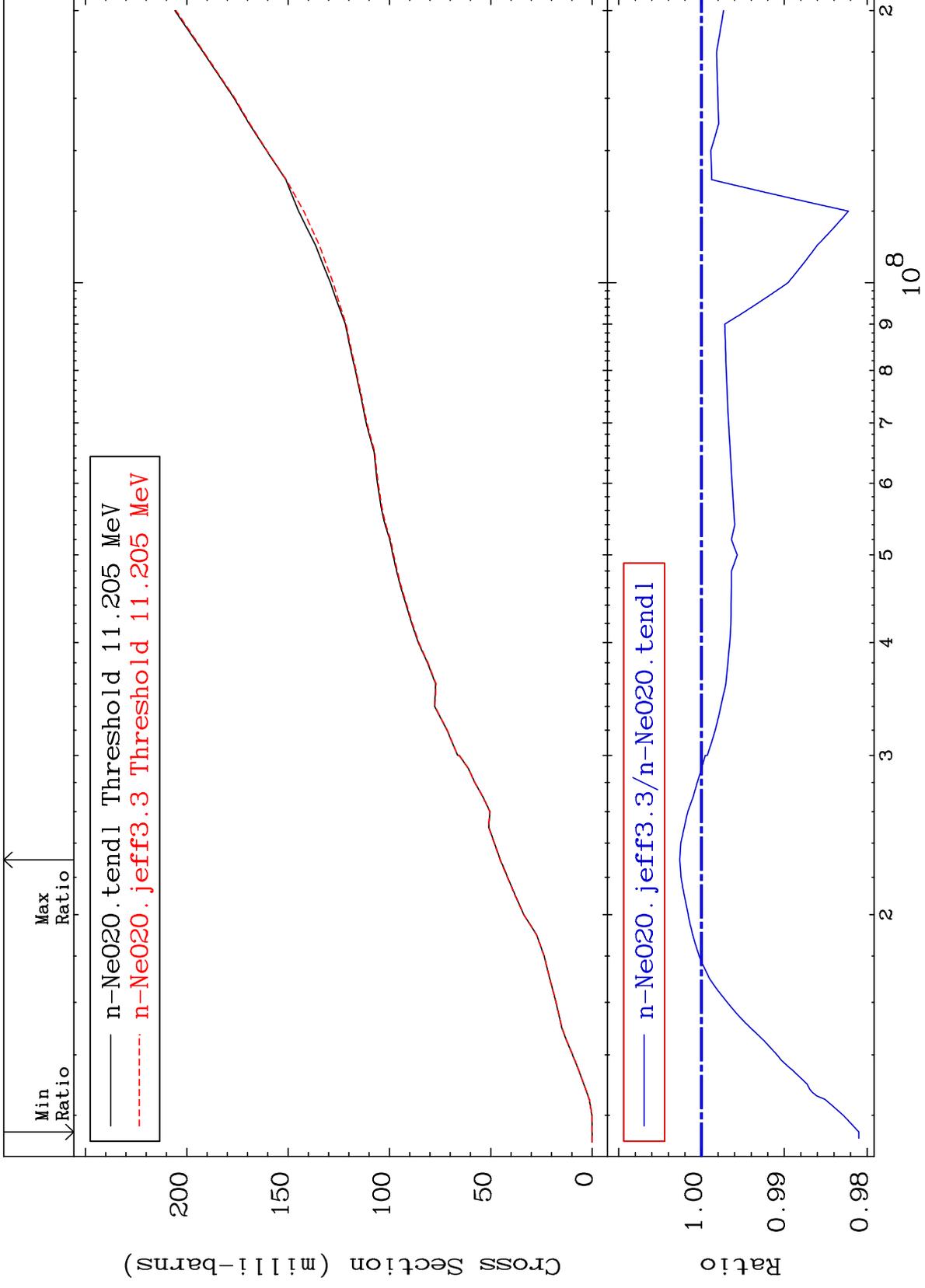
10-Ne-20
-2.955 To -0.125%



MAT 1025

Deuterium Production
Cross Section

10-Ne-20
-1.900 To 0.262 %



52

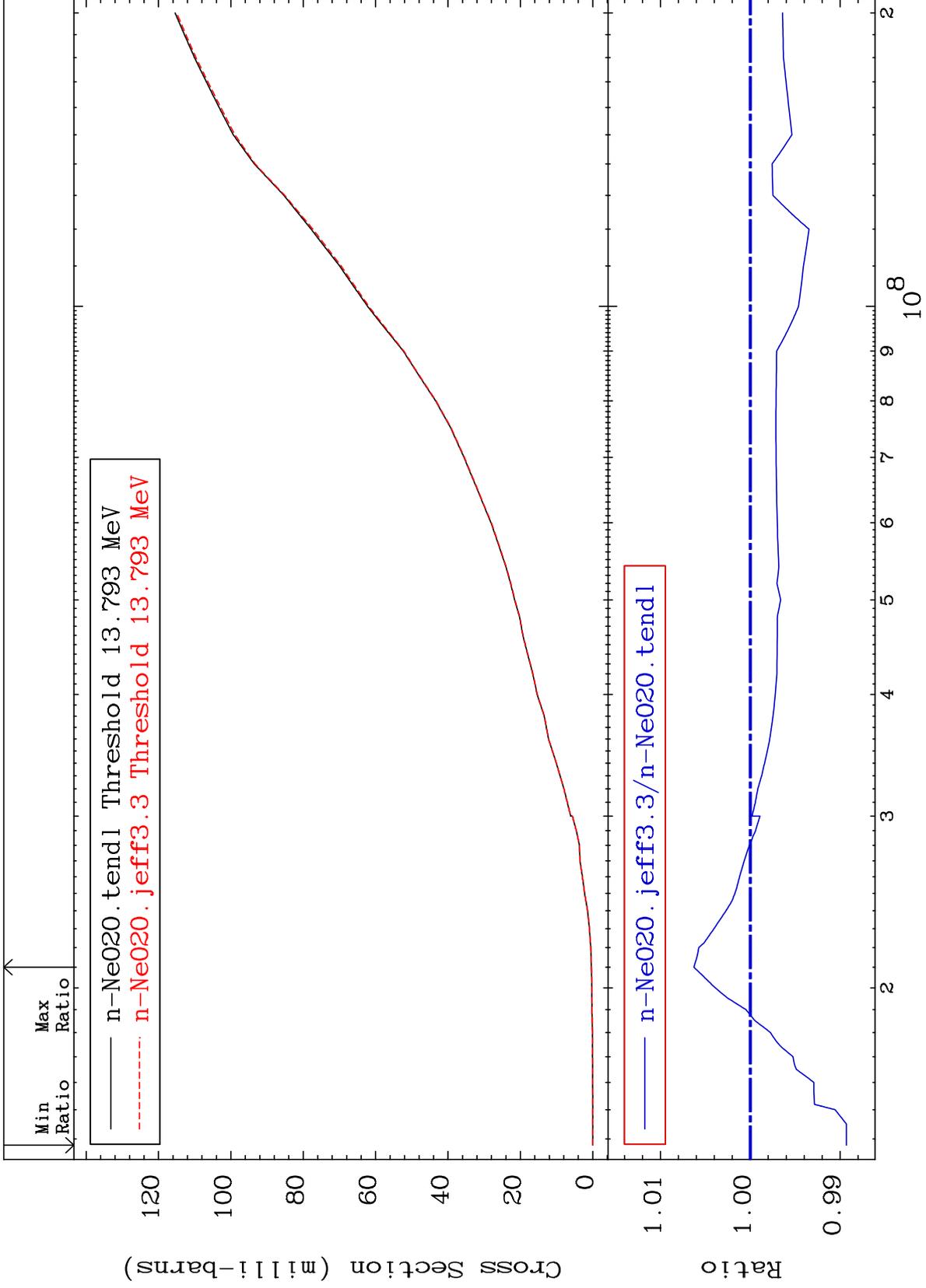
Incident Energy (eV)

10-Ne-20

MAT 1025

He-3 Production
Cross Section

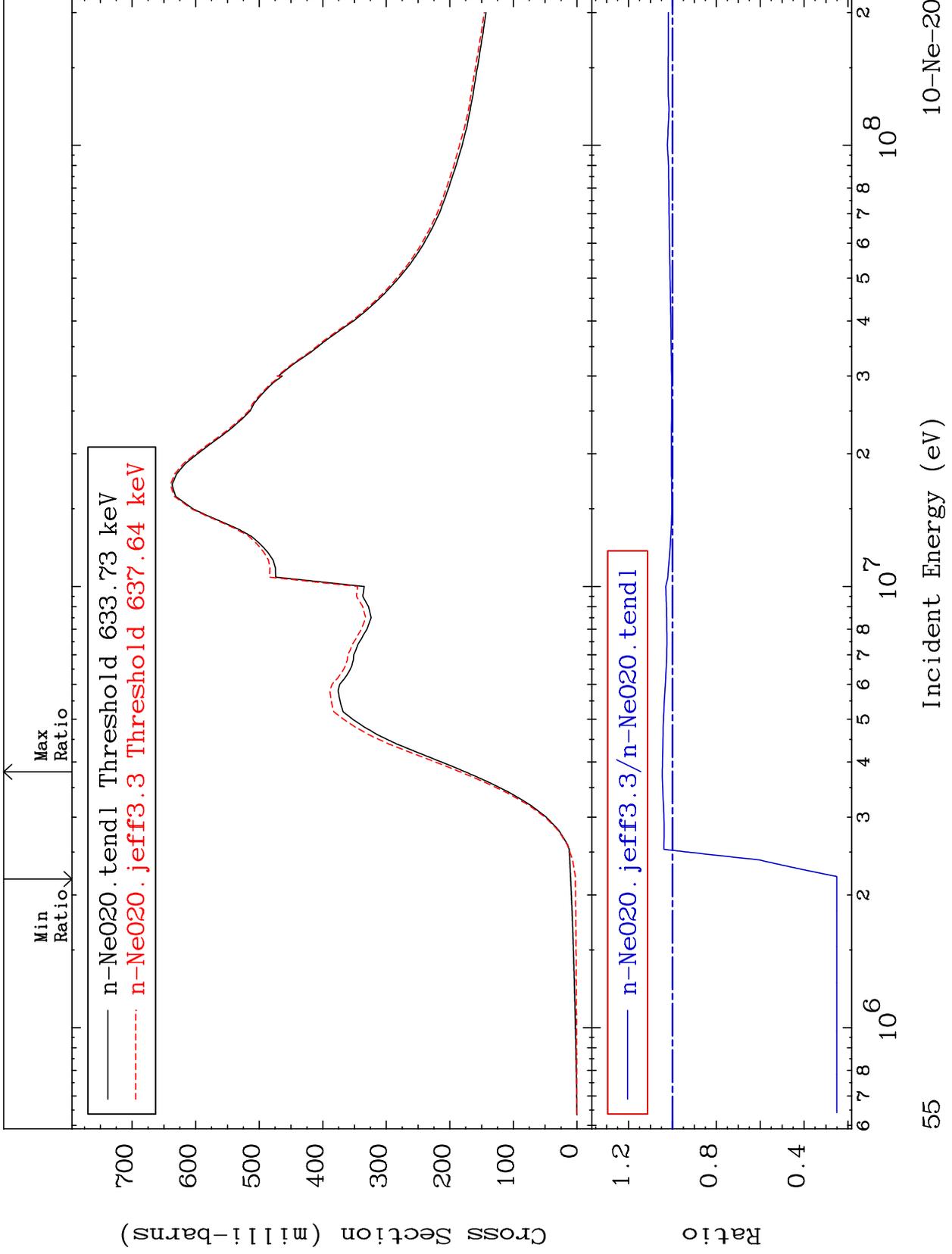
10-Ne-20
-1.071 To 0.628 %

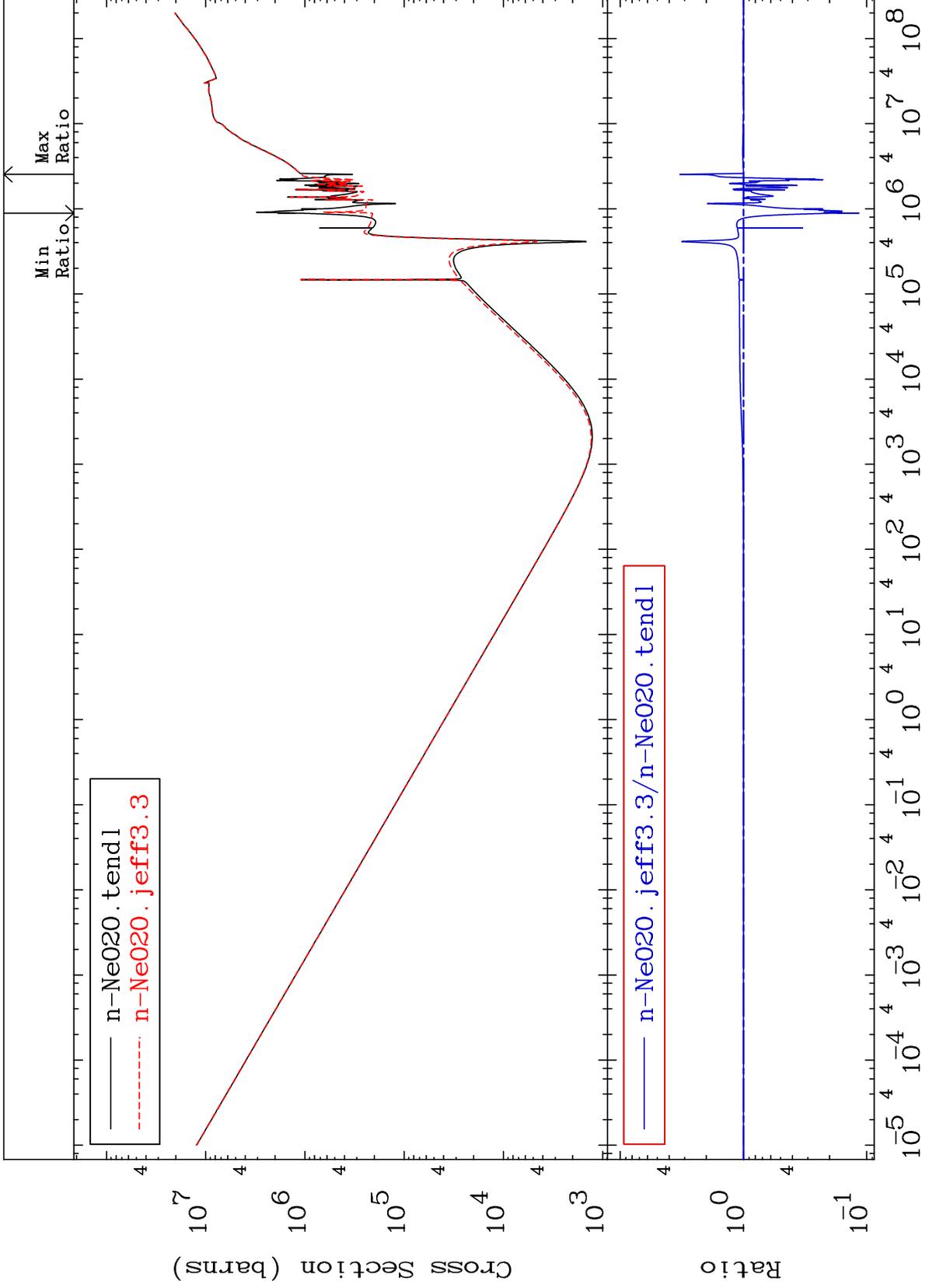


MAT 1025

He-4 Production
Cross Section

10-Ne-20
-74.93 To 4.631 %

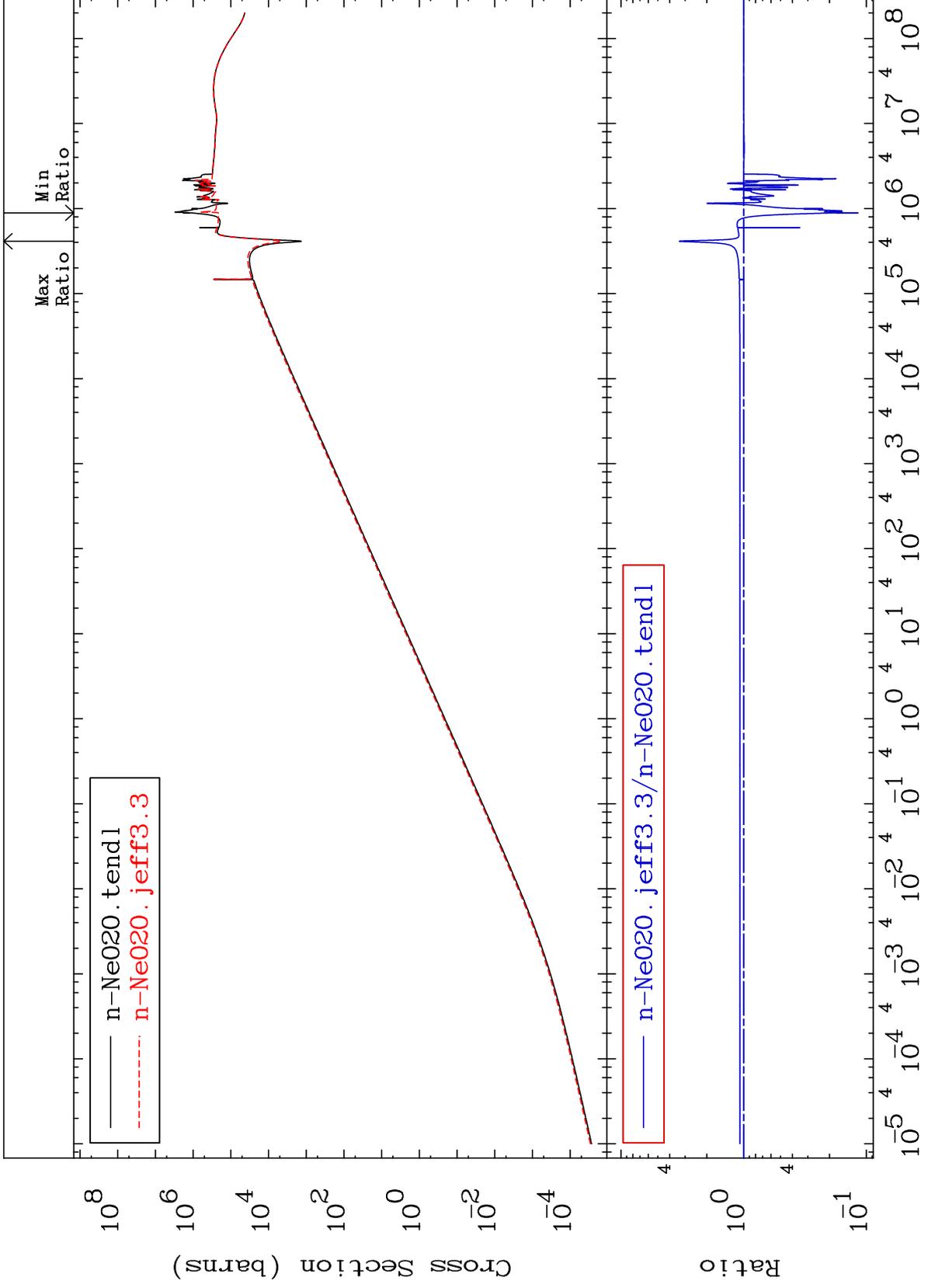


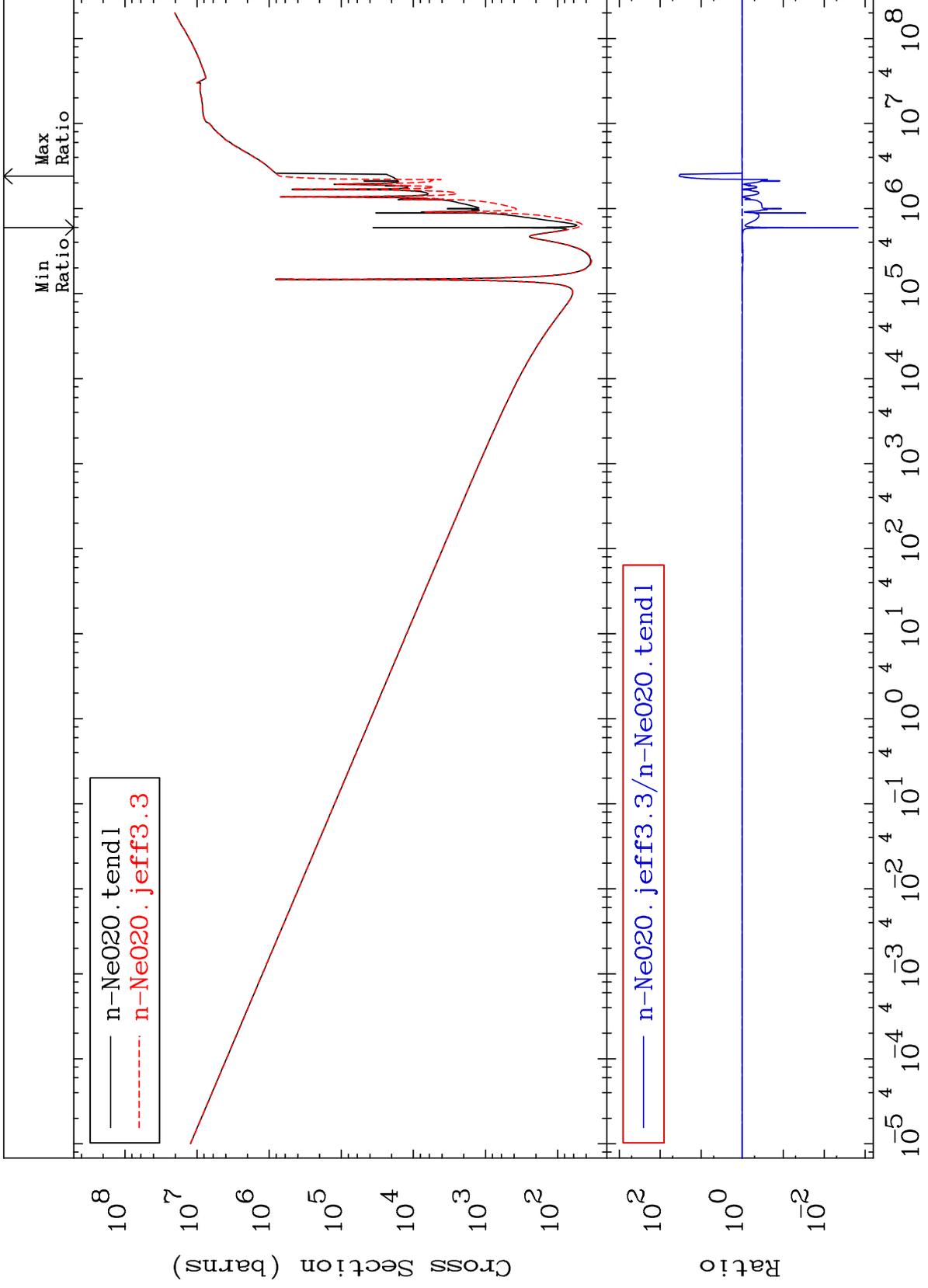


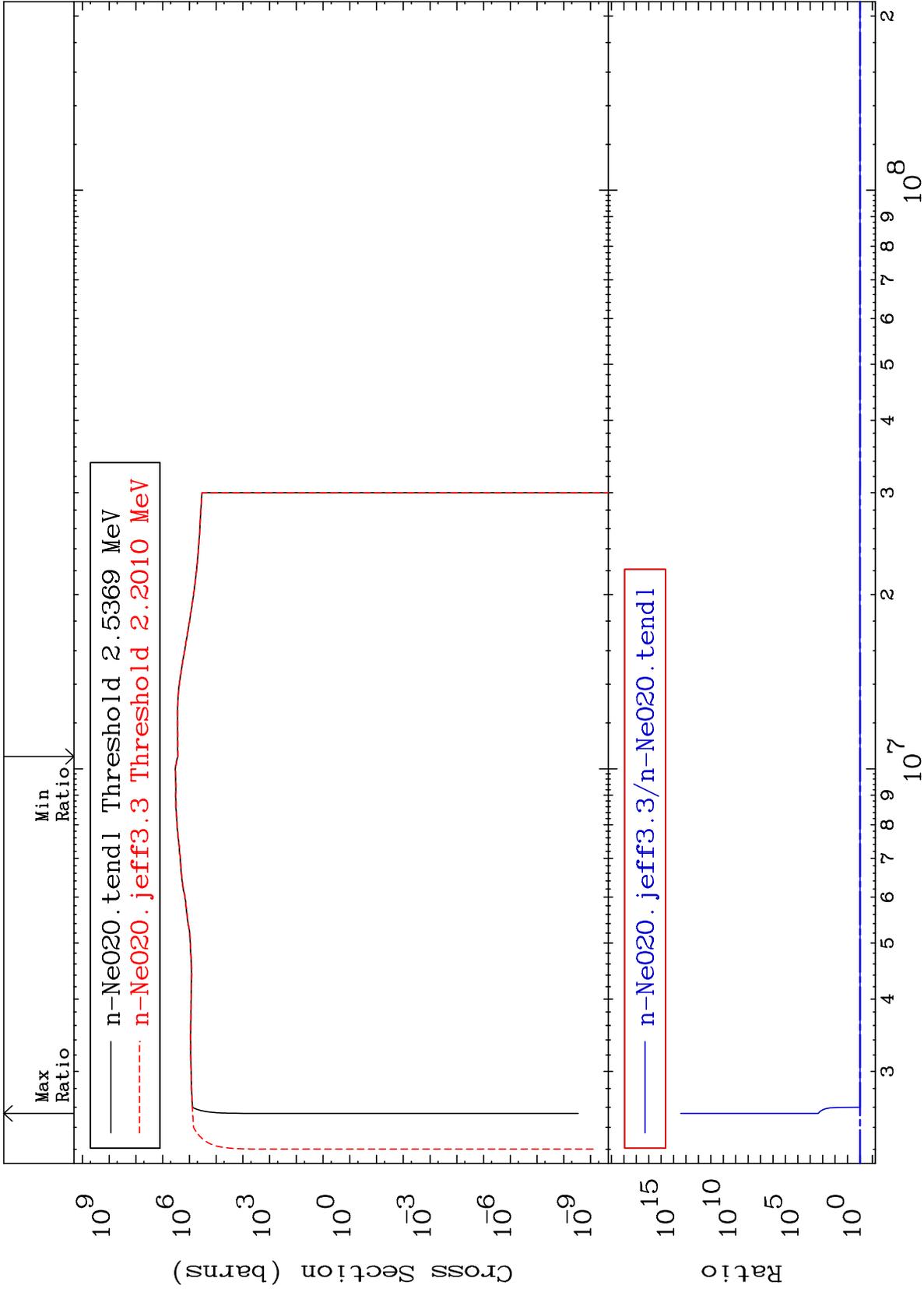
MAT 1025

Kerma elastic
Cross Section

10-Ne-20
-88.30 To 235.7 %



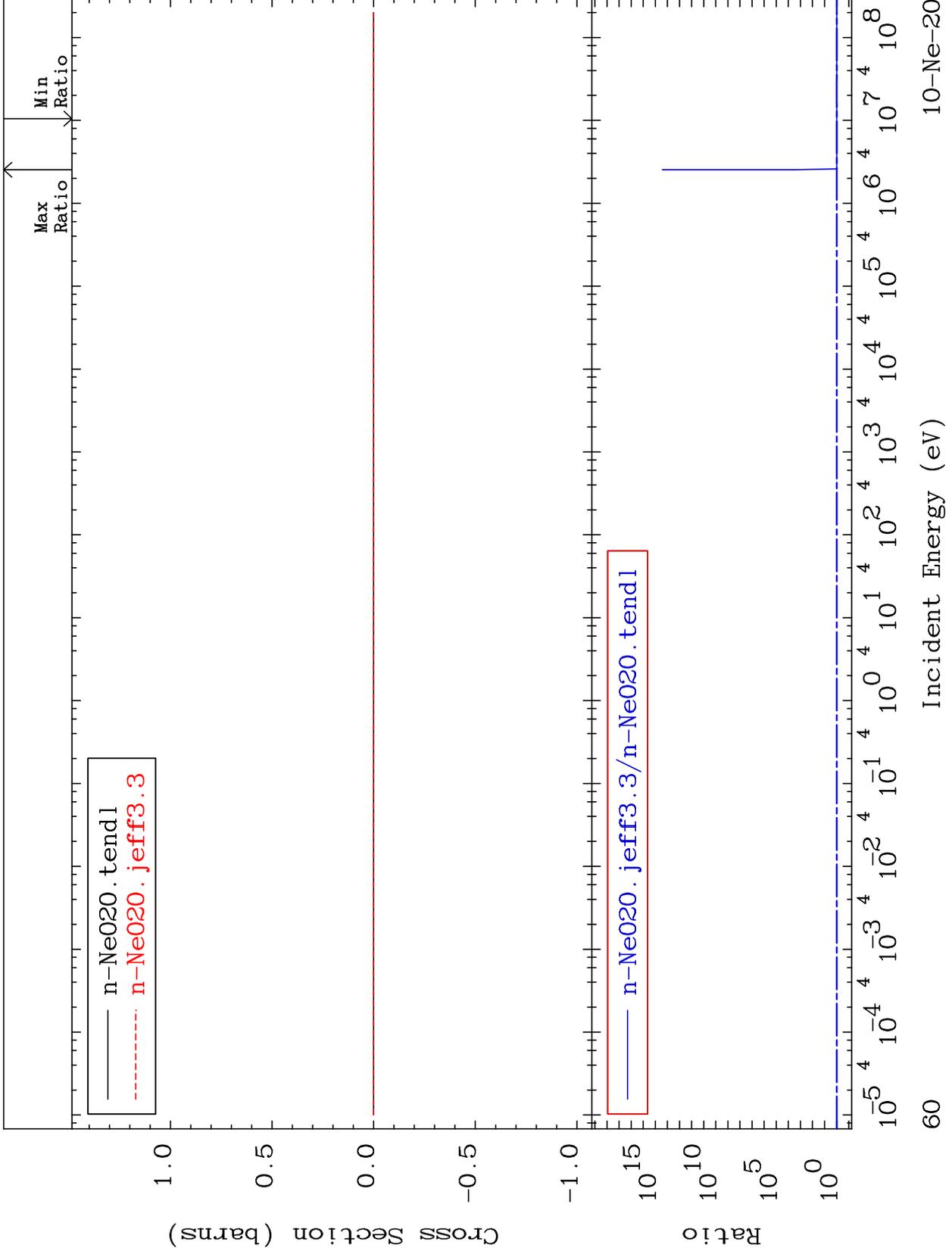


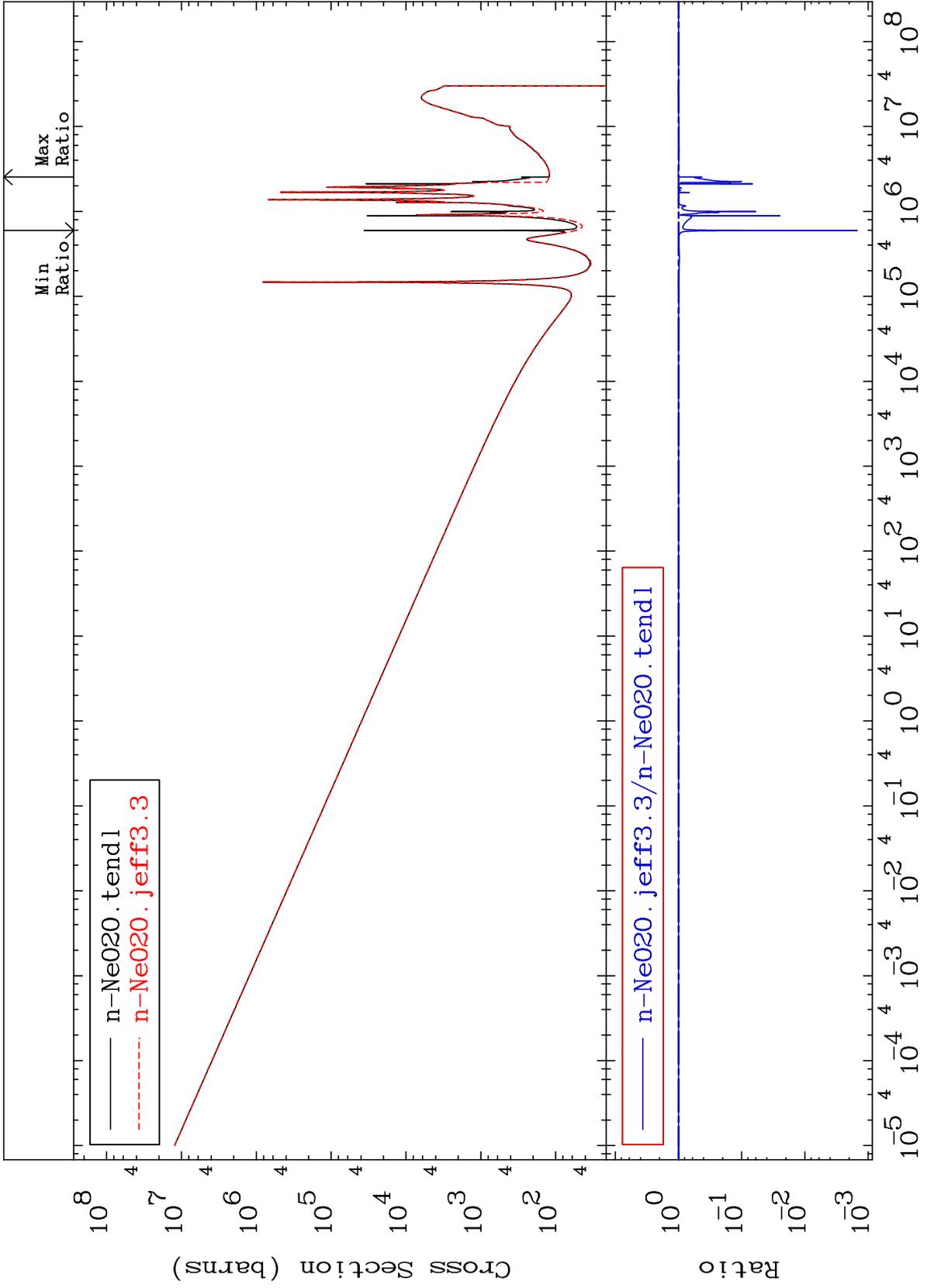


MAT 1025

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

10-Ne-20
-1.921 To 9999. %

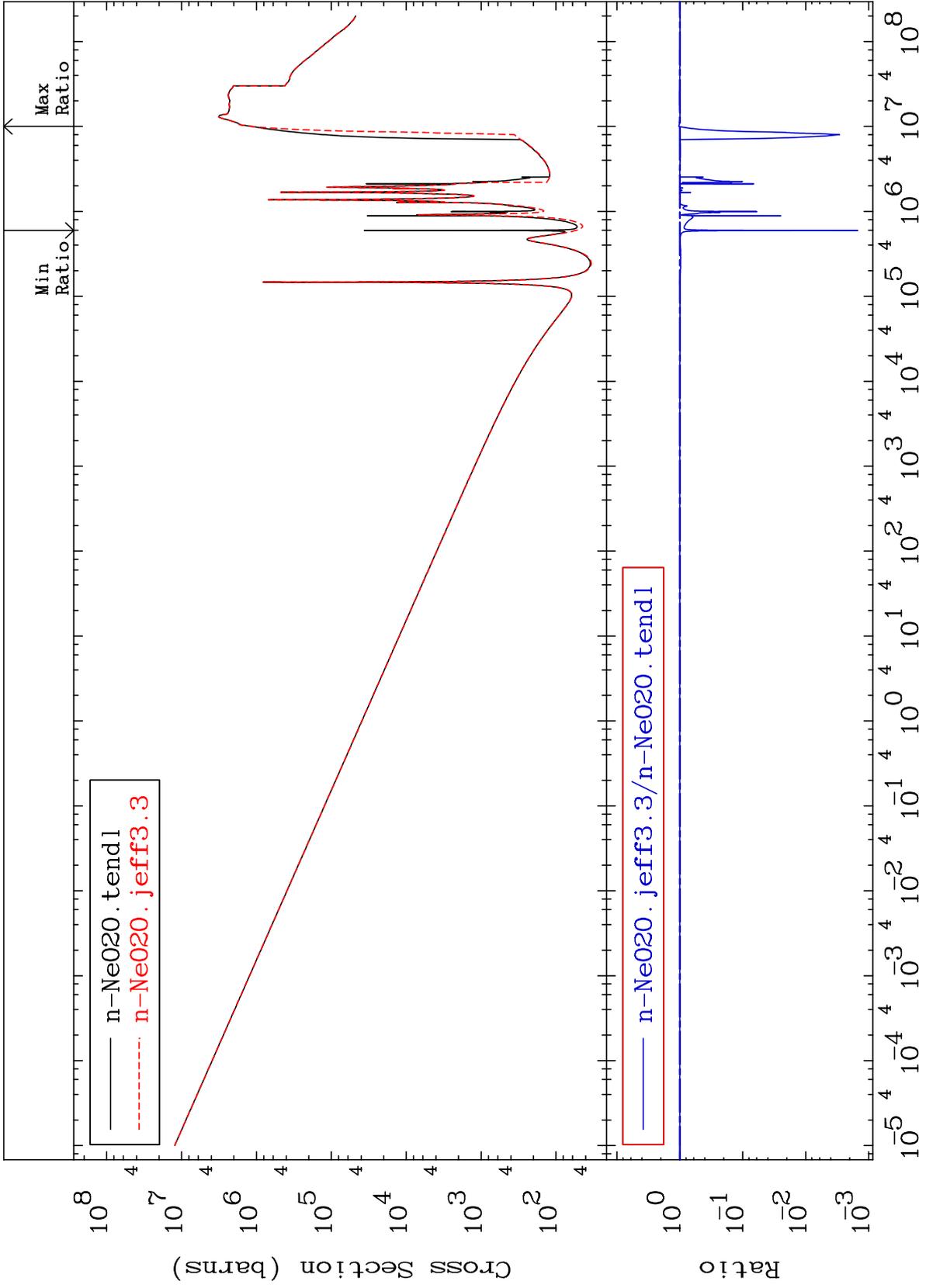




MAT 1025

Total photon (eV-barns)
Cross Section

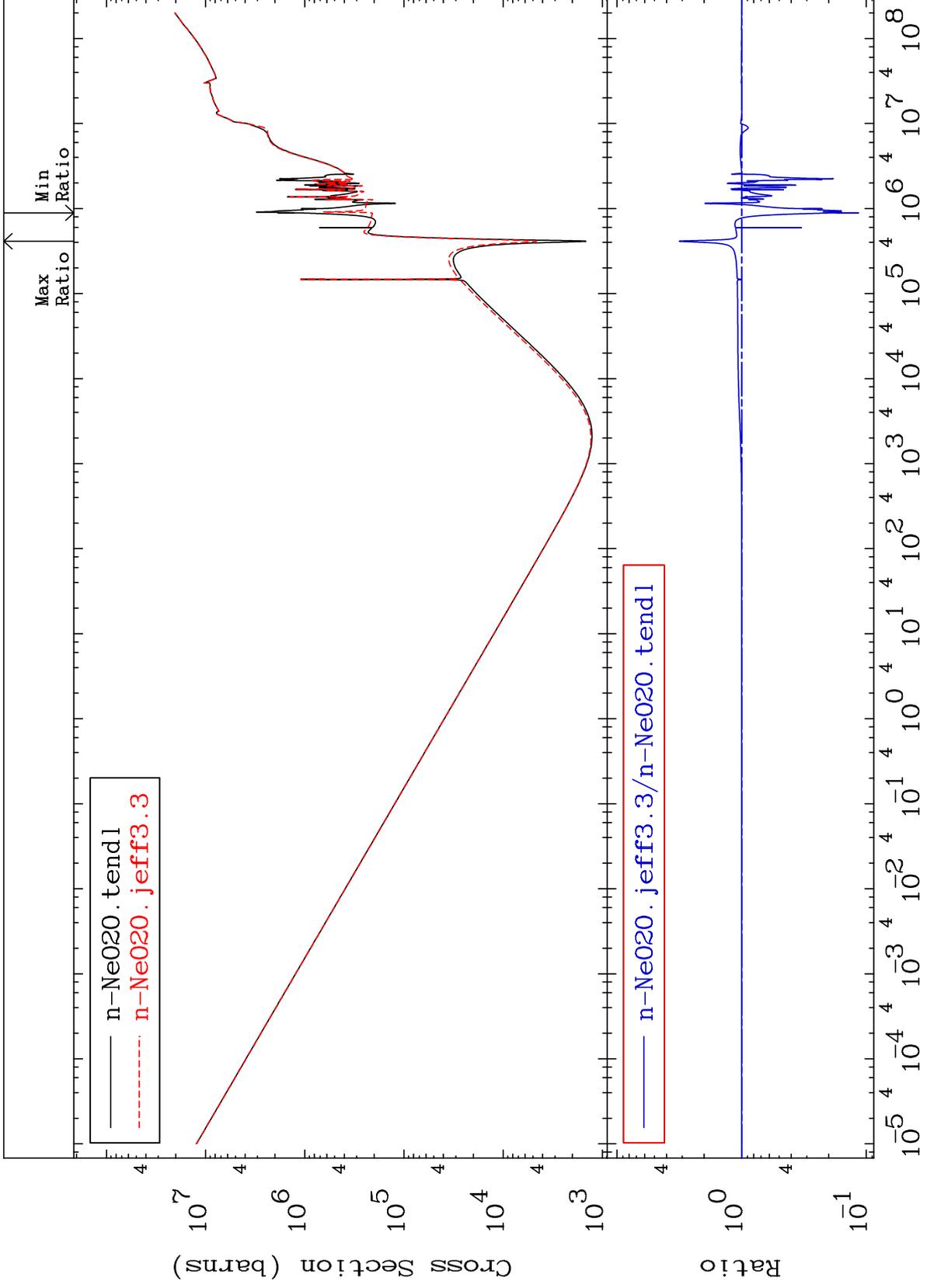
10-Ne-20
-99.85 To 3.903 %



MAT 1025

Total kinematic kerma (high limit)
Cross Section

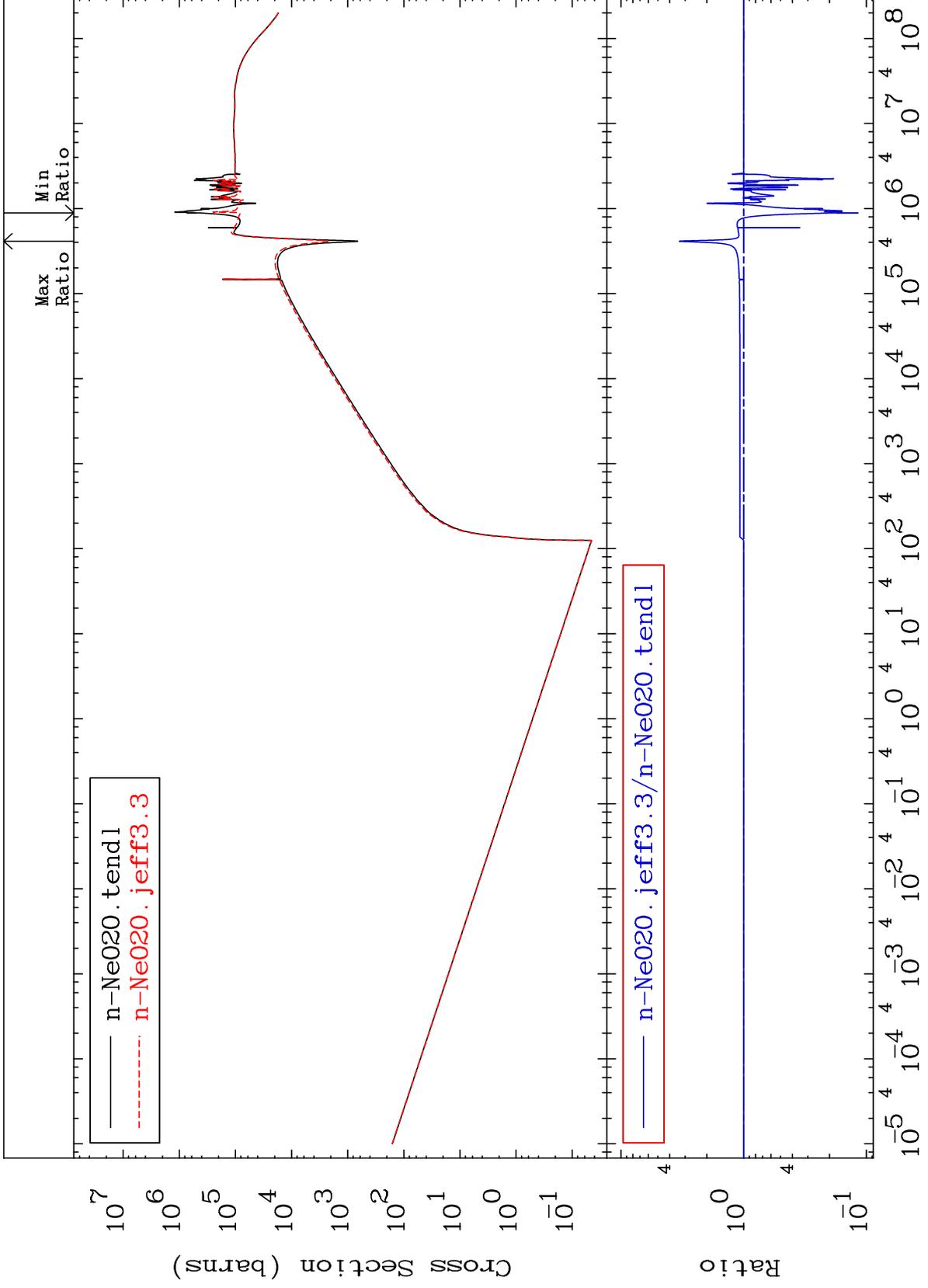
10-Ne-20
-88.46 To 215.0 %



MAT 1025

Dpa total (eV-barns)
Cross Section

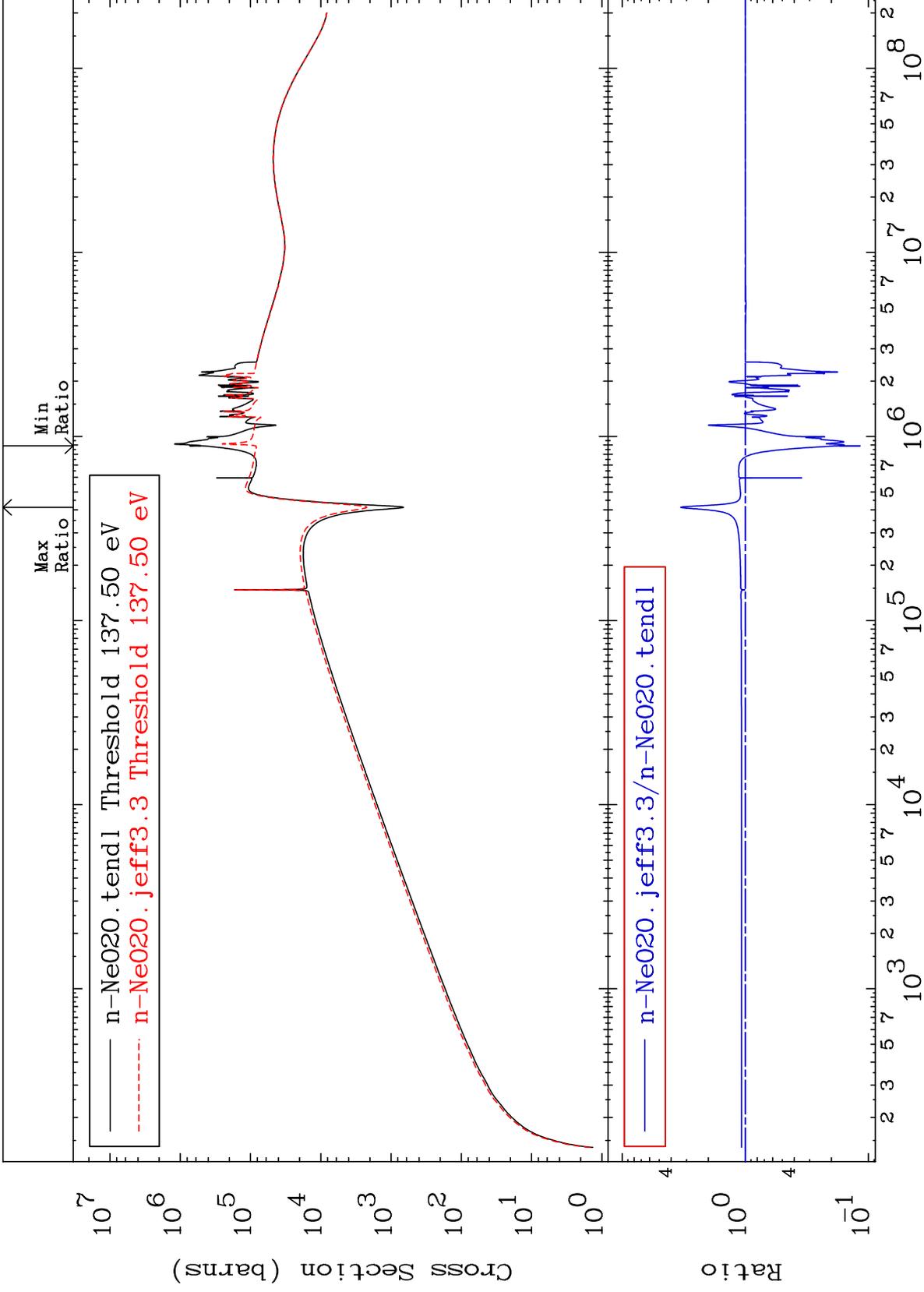
10-Ne-20
-88.30 To 235.7 %



MAT 1025

Dpa elastic (mt2)
Cross Section

10-Ne-20
-88.30 To 235.7 %



65

Incident Energy (eV)

10-Ne-20

