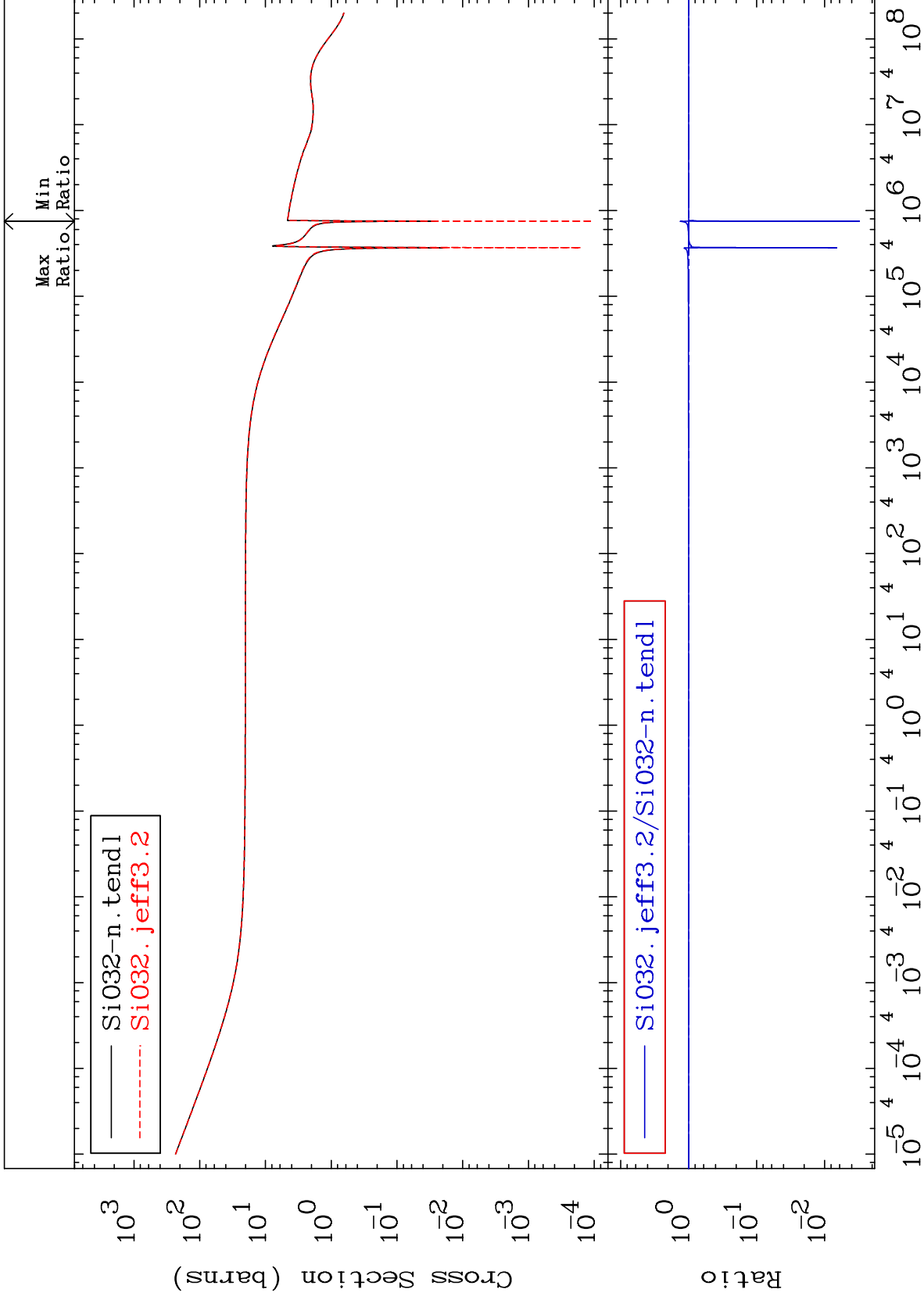


MAT 1437

Total
Cross Section

14-Si-32
-99.69 To 32.05 %



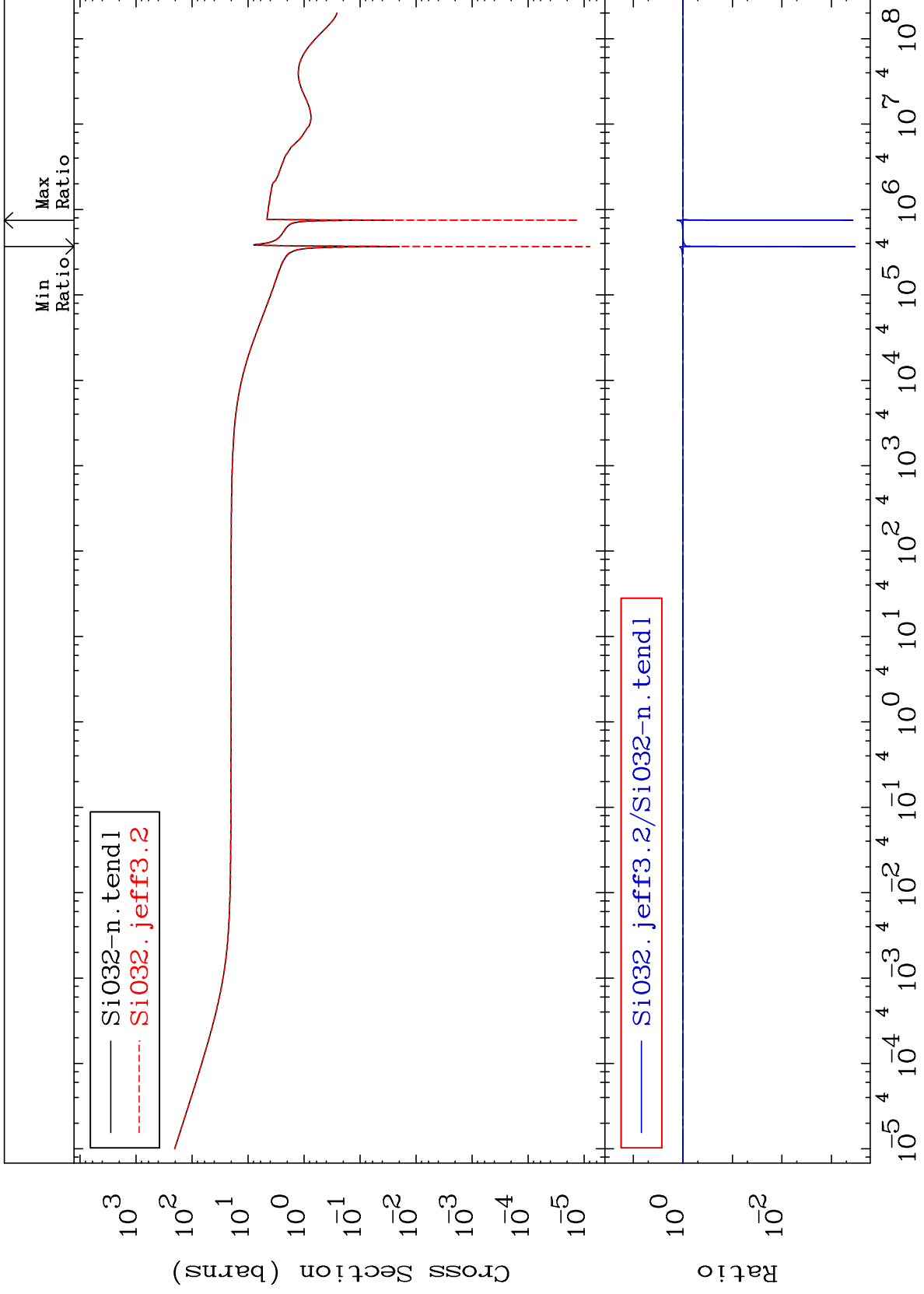
Incident Energy (eV)

14-Si-32

MAT 1437

Elastic
Cross Section

14-Si-32
-99.97 To 32.06 %



Incident Energy (eV)

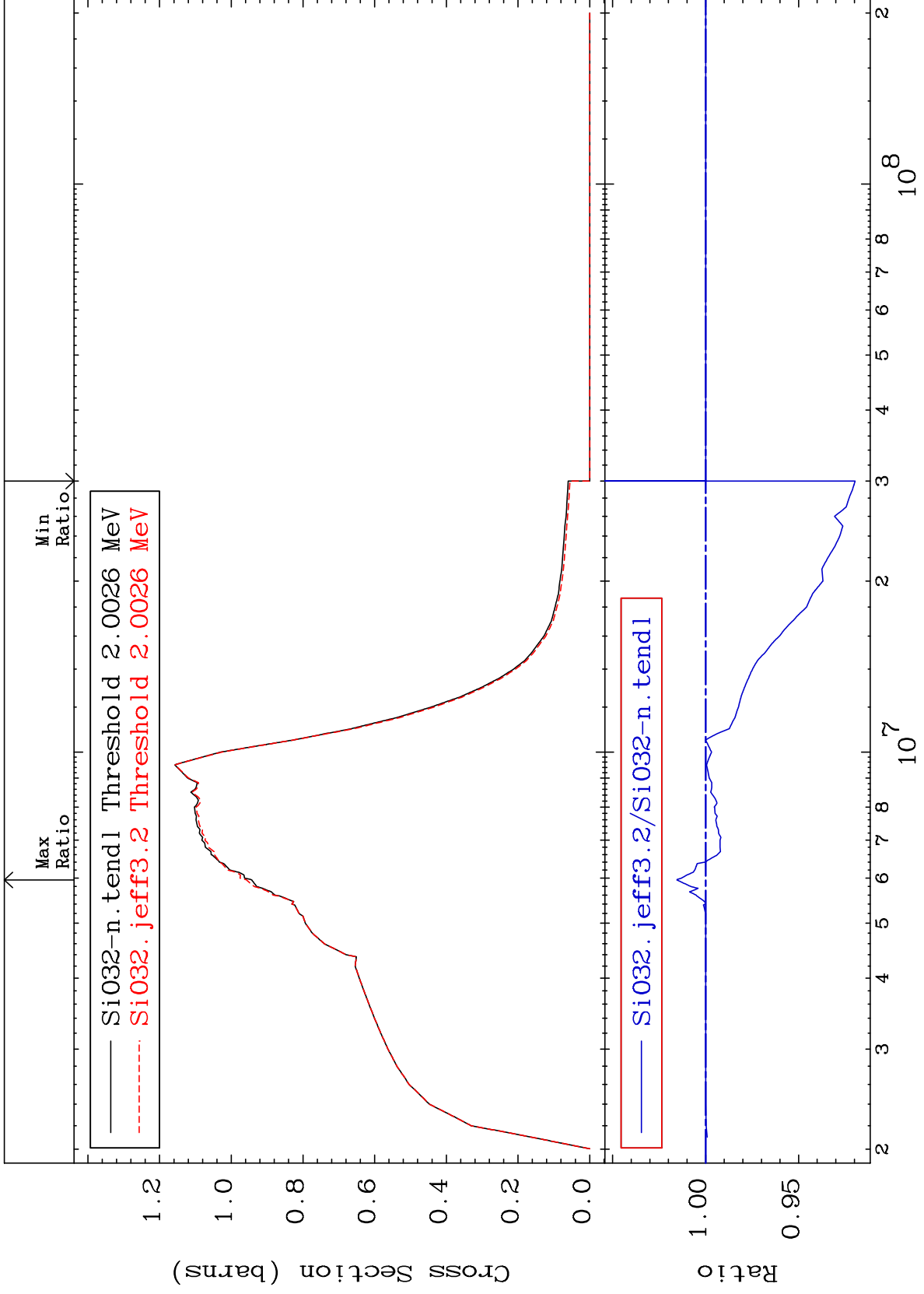
14-Si-32

2

MAT 1437

Inelastic
Cross Section

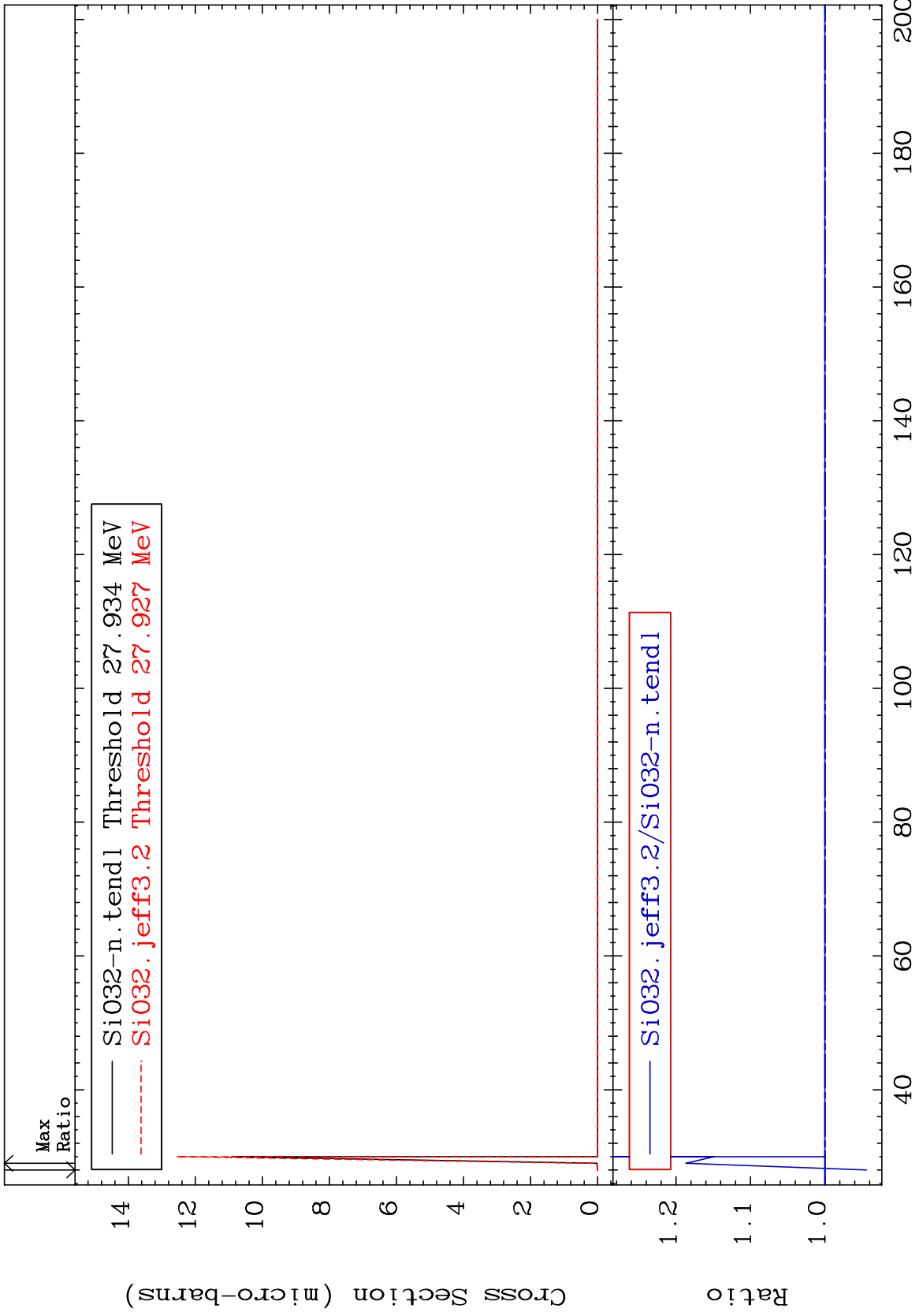
14-Si-32
-8.038 To 1.544 %



MAT 1437

(n,2n) d
Cross Section

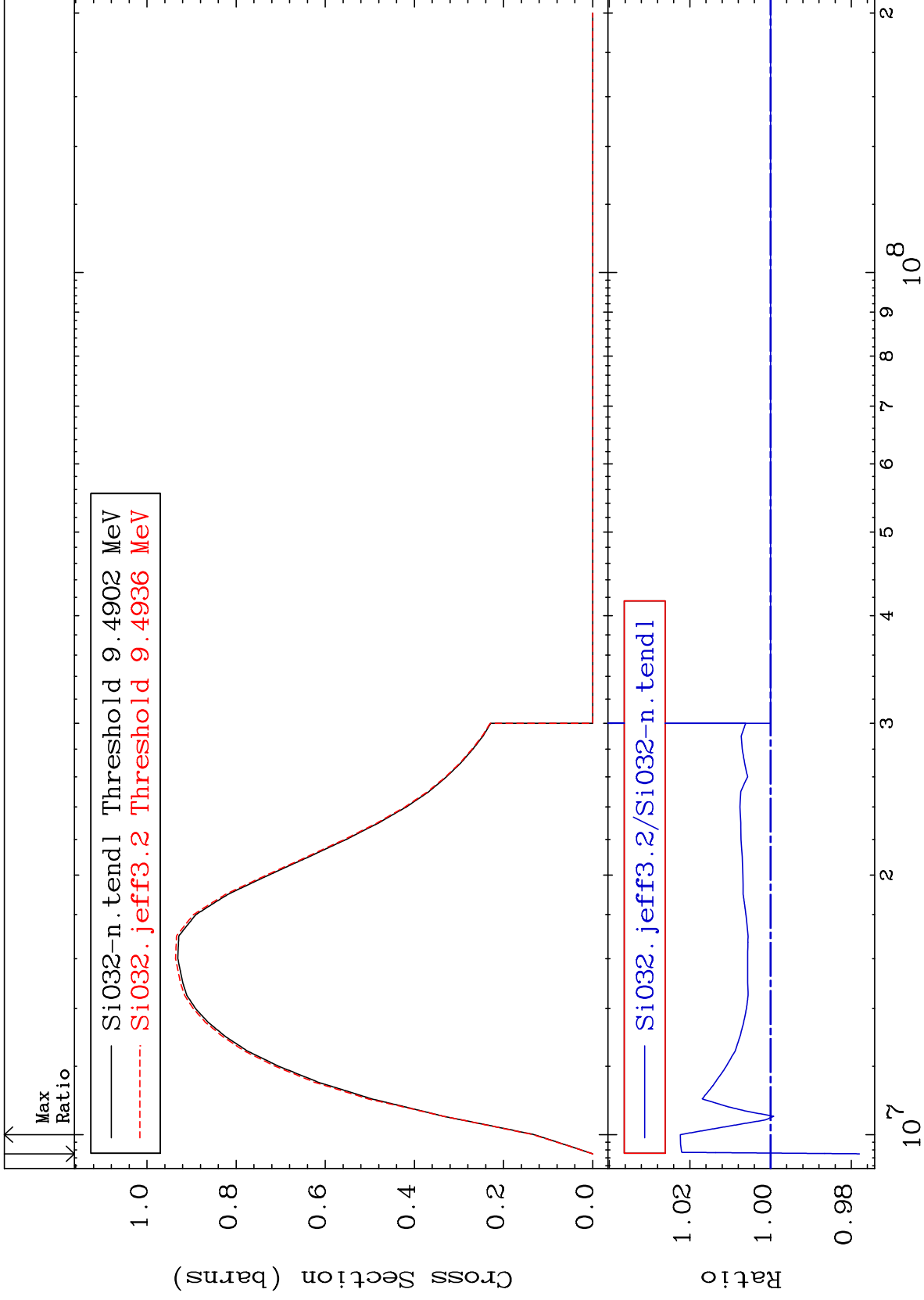
14-Si-32
-5.580 To 18.67 %



MAT 1437

(n,2n)
Cross Section

14-Si-32
-2.202 To 2.235 %

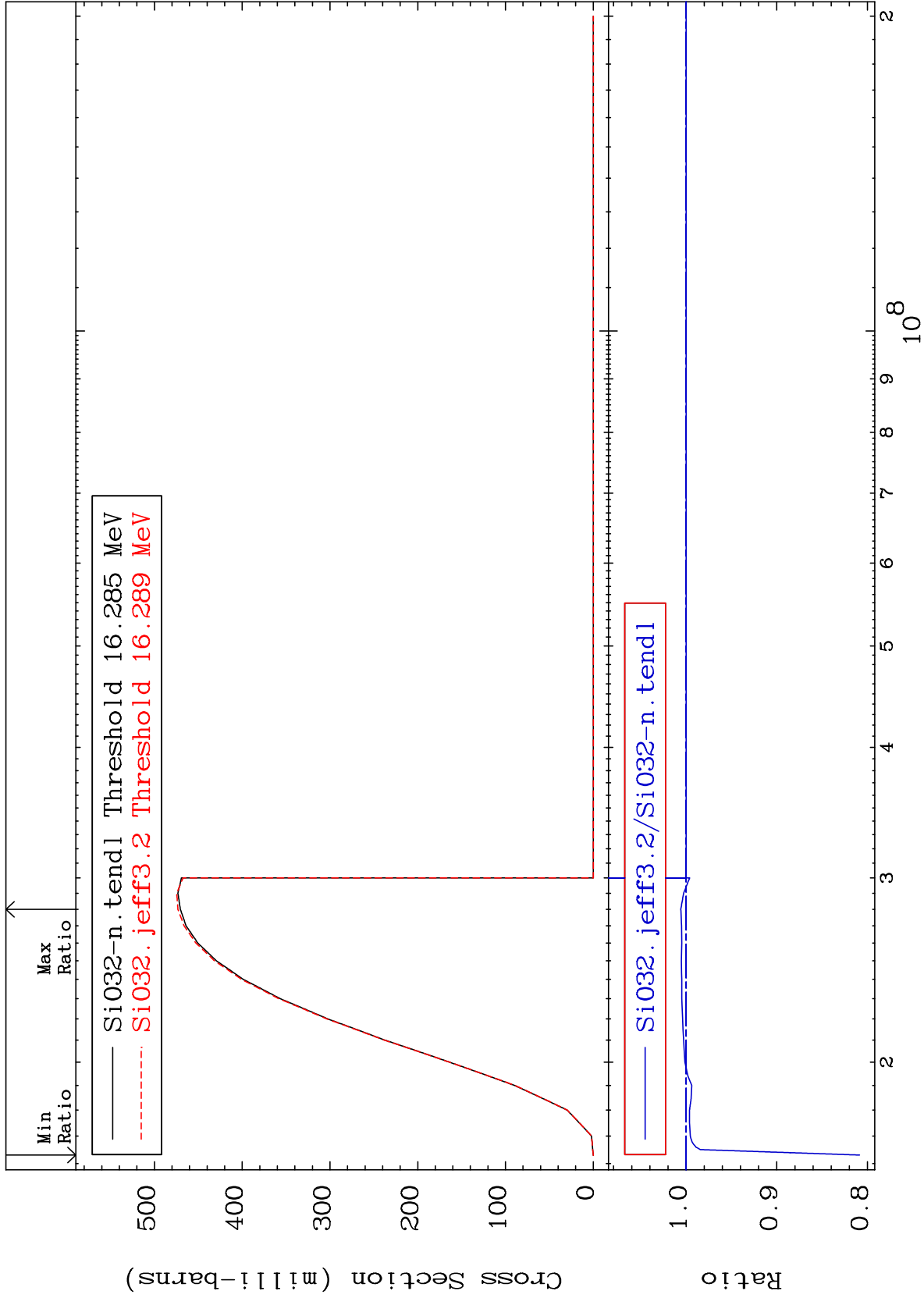


14-Si-32

Incident Energy (eV)

Cross Section

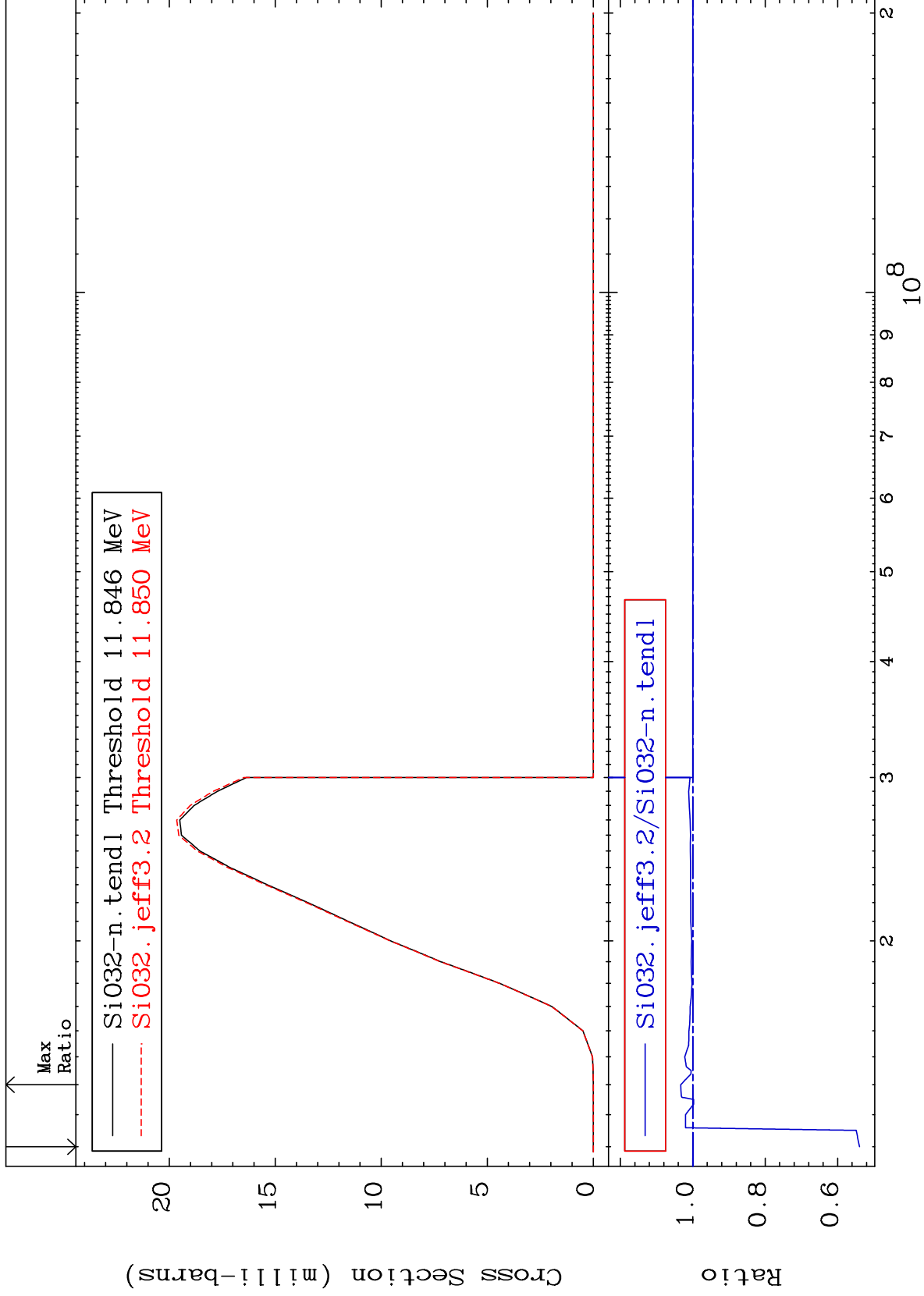
-19.13 To 0.588 %



MAT 1437

(n,n') α
Cross Section

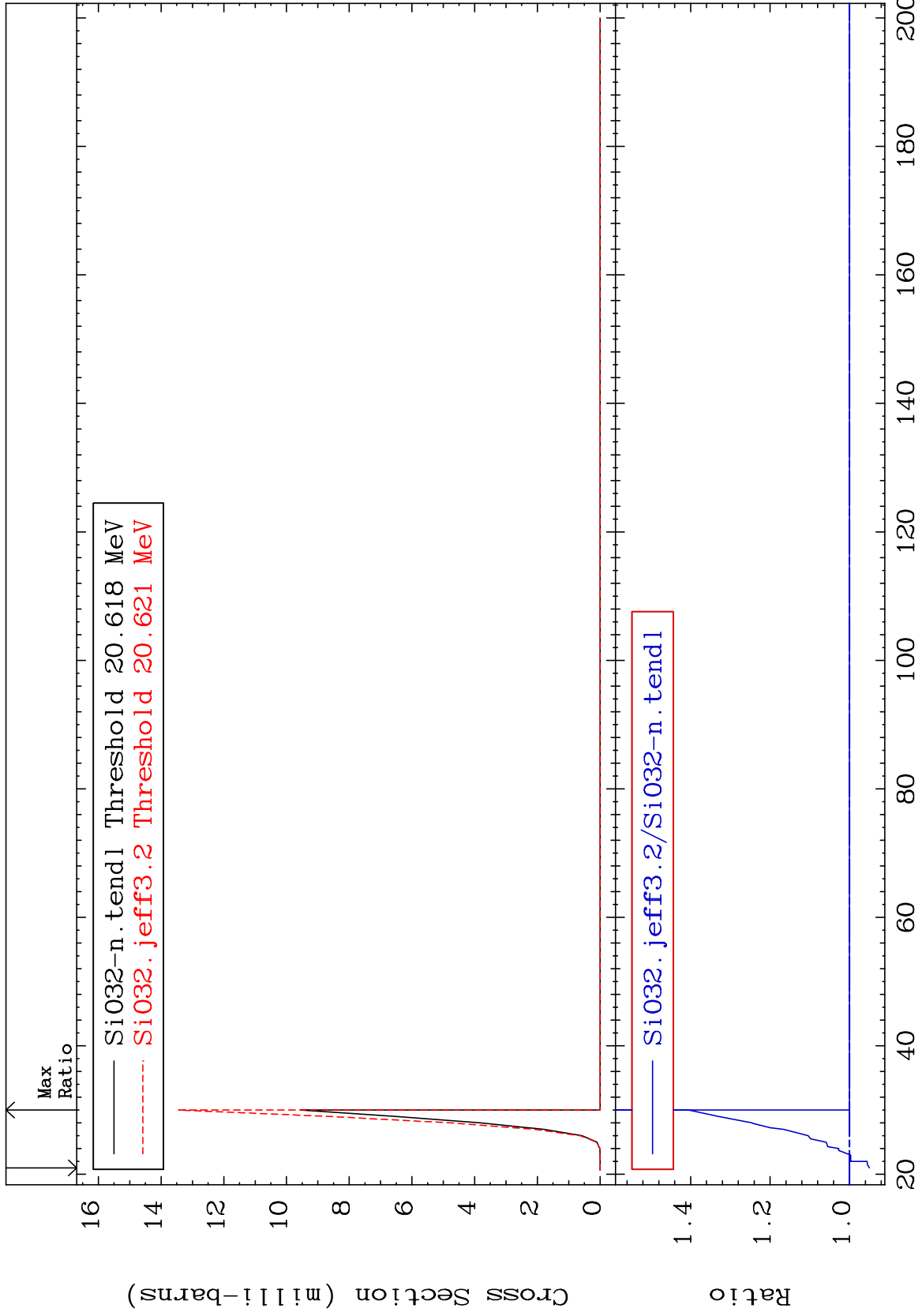
14-Si-32
-46.05 To 3.314 %



MAT 1437

(n,2n) α
Cross Section

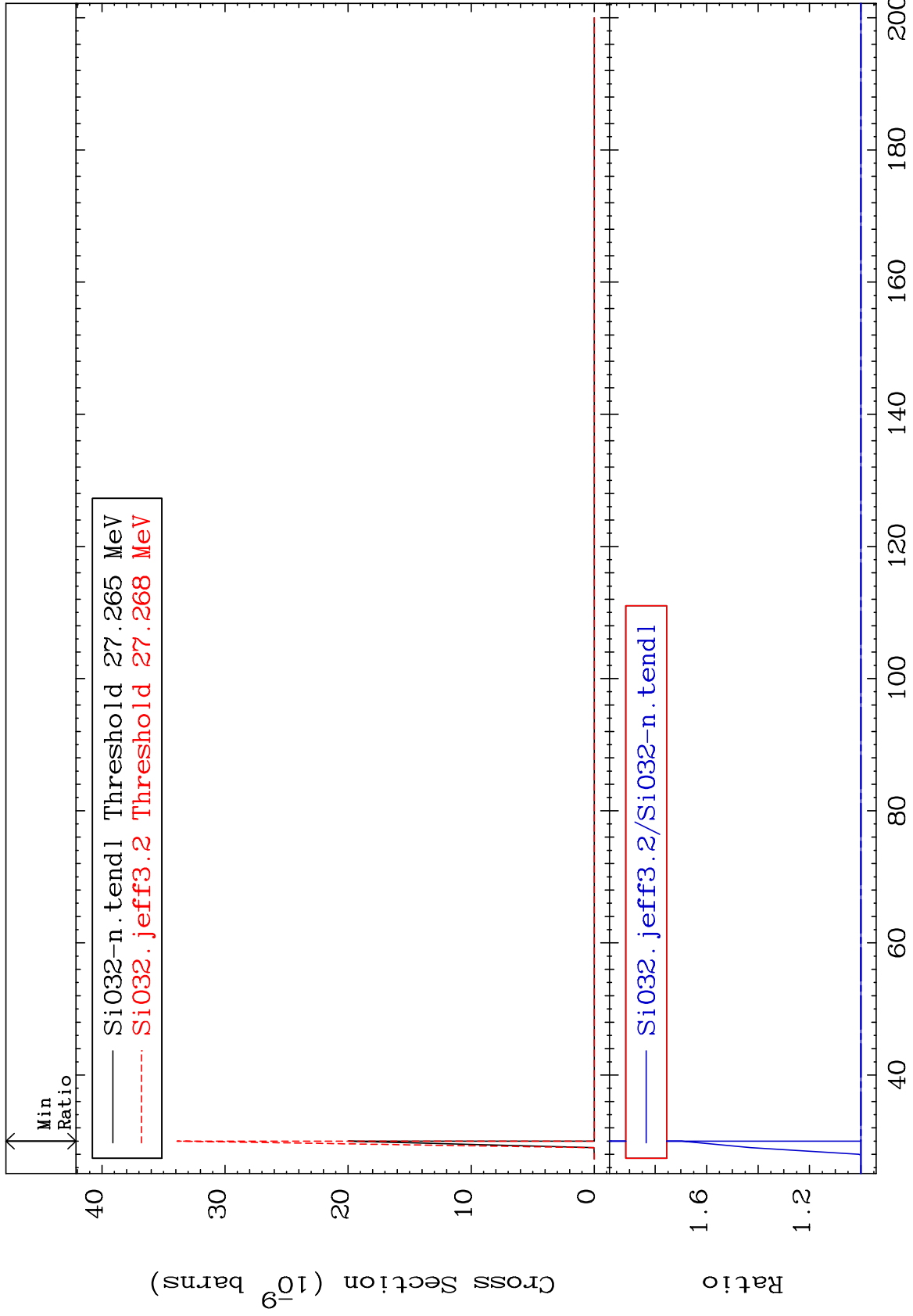
14-Si-32
-5.017 To 40.51 %



MAT 1437

(n,3n) α
Cross Section

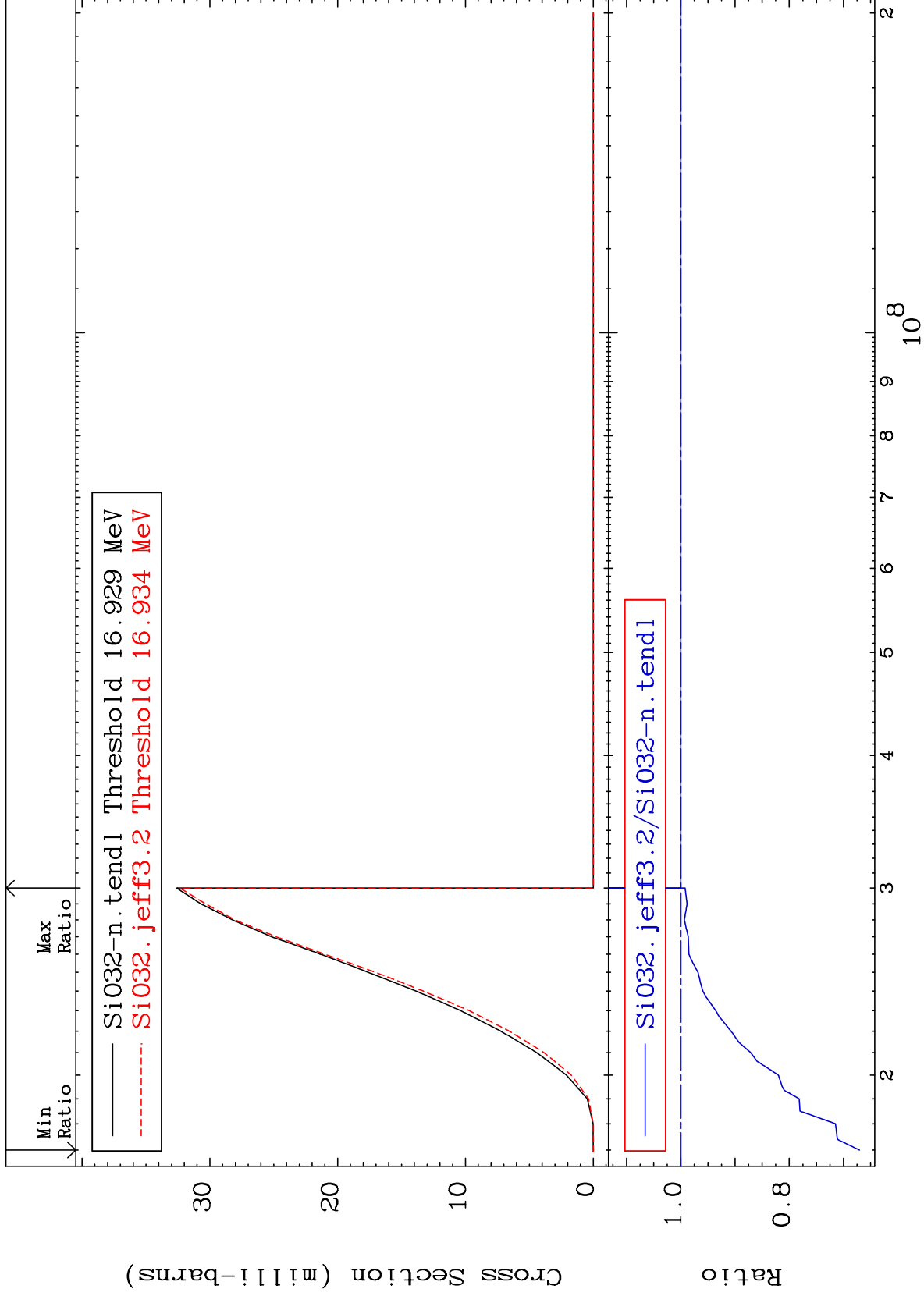
14-Si-32
0.000 To 69.61 %



MAT 1437

(n,n') p
Cross Section

14-Si-32
-32.96 To 0.000 %



10

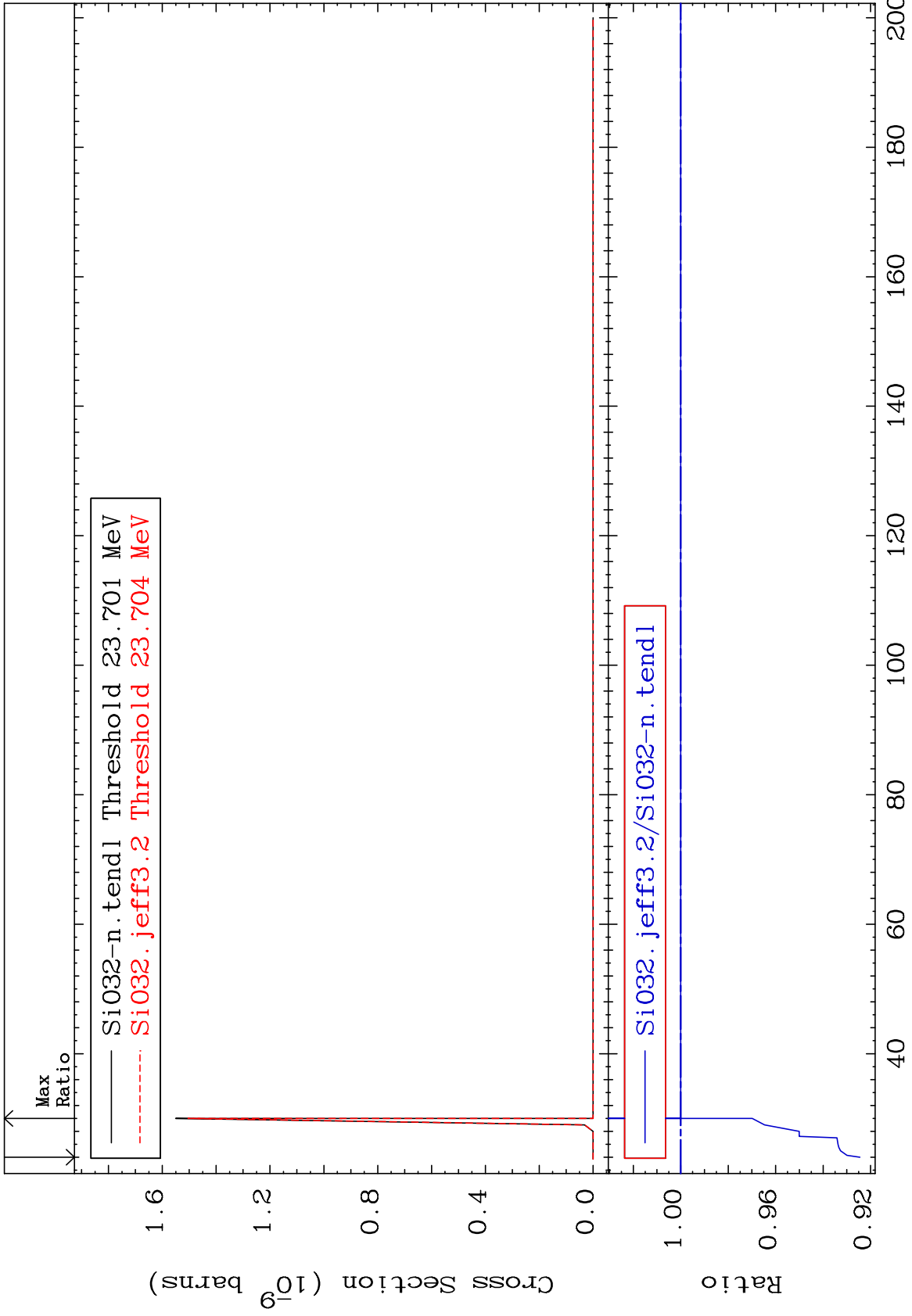
Incident Energy (eV)

14-Si-32

MAT 1437

(n, n') 2α
Cross Section

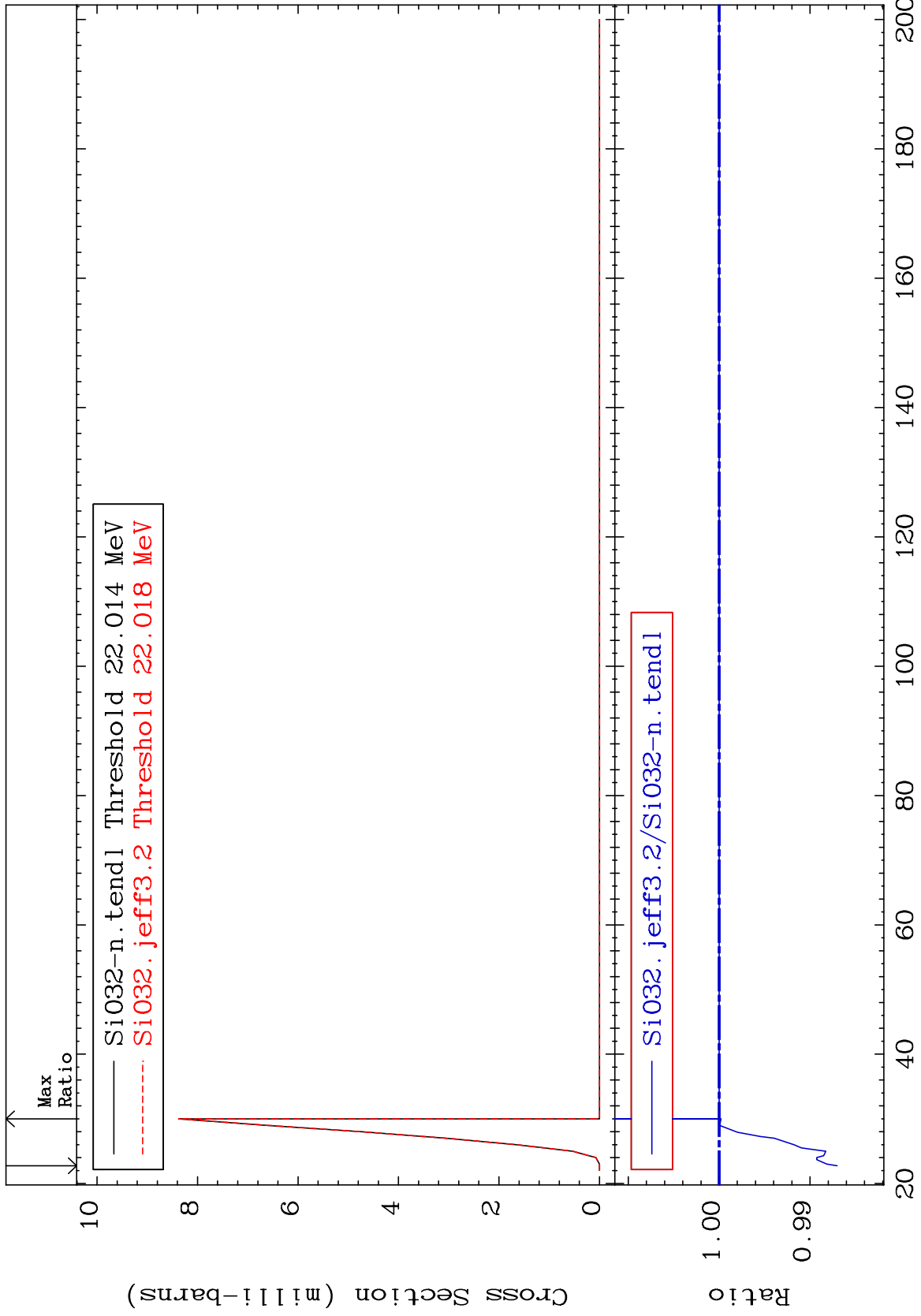
14-Si-32
-7.550 To 0.000 %



MAT 1437

(n,n') d
Cross Section

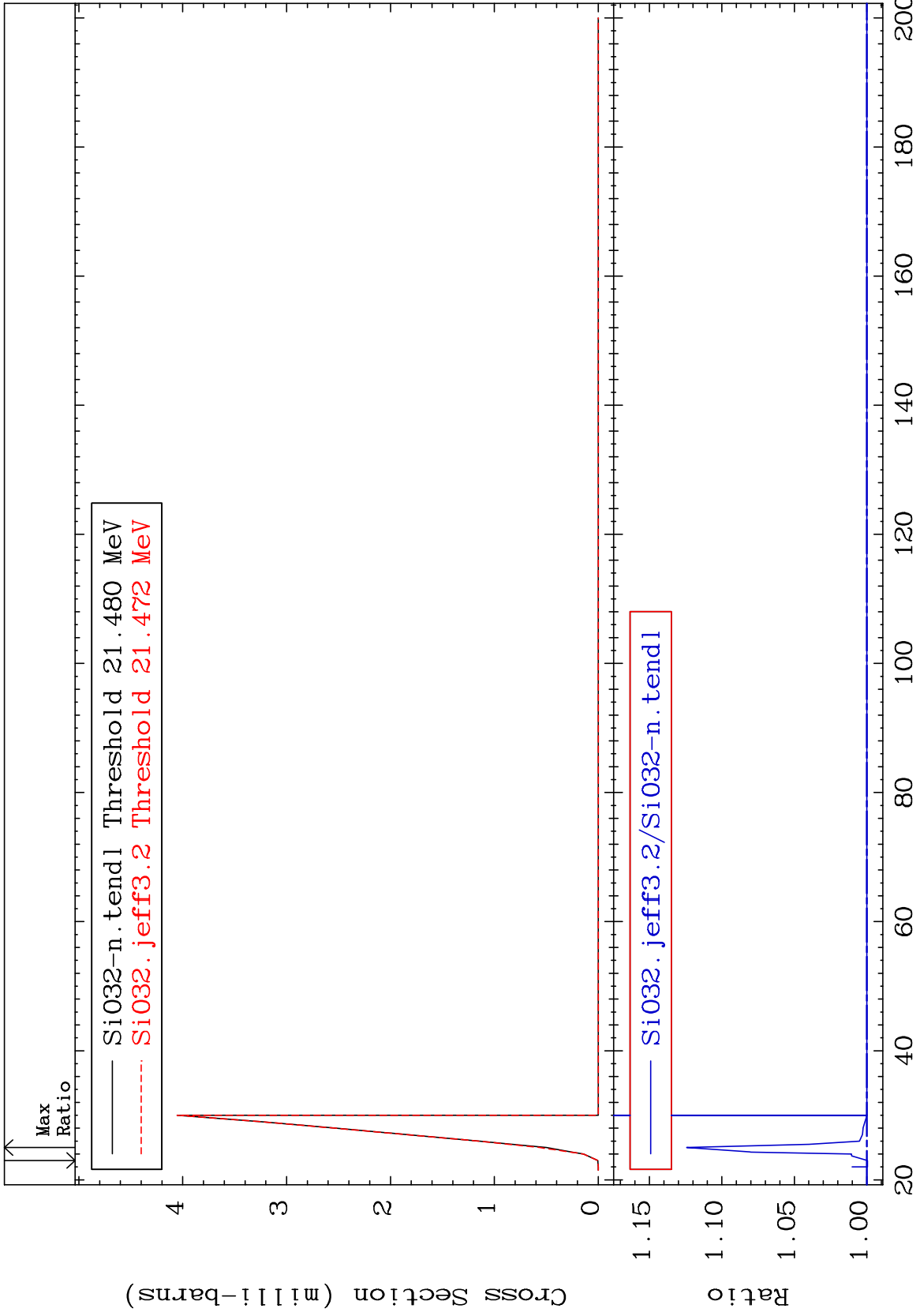
14-Si-32
-1.299 To 0.000 %



MAT 1437

(n,n') t
Cross Section

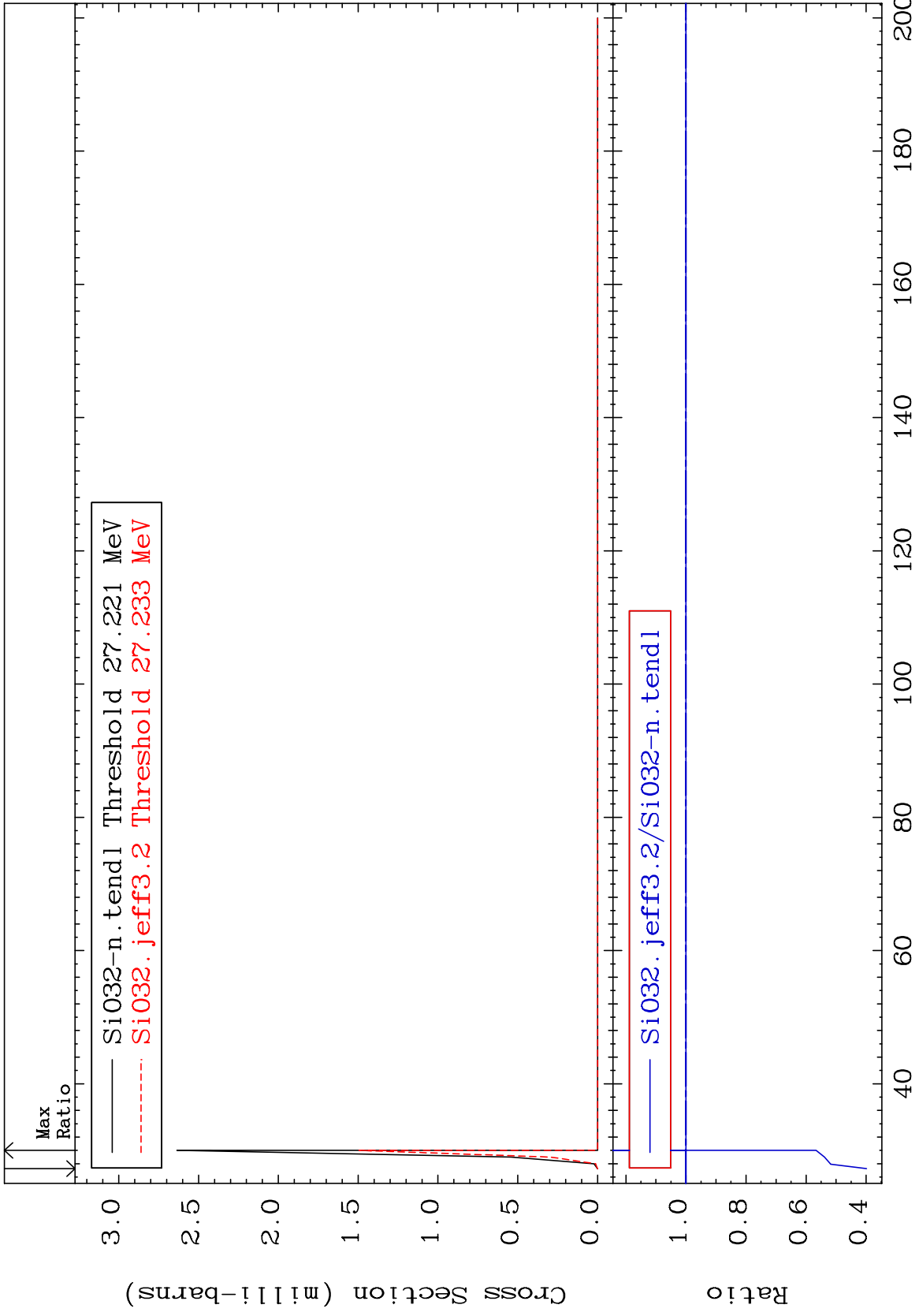
14-Si-32
-0.046 To 12.43 %



MAT 1437

(n,4n)
Cross Section

14-Si-32
-60.13 To 0.000 %



14

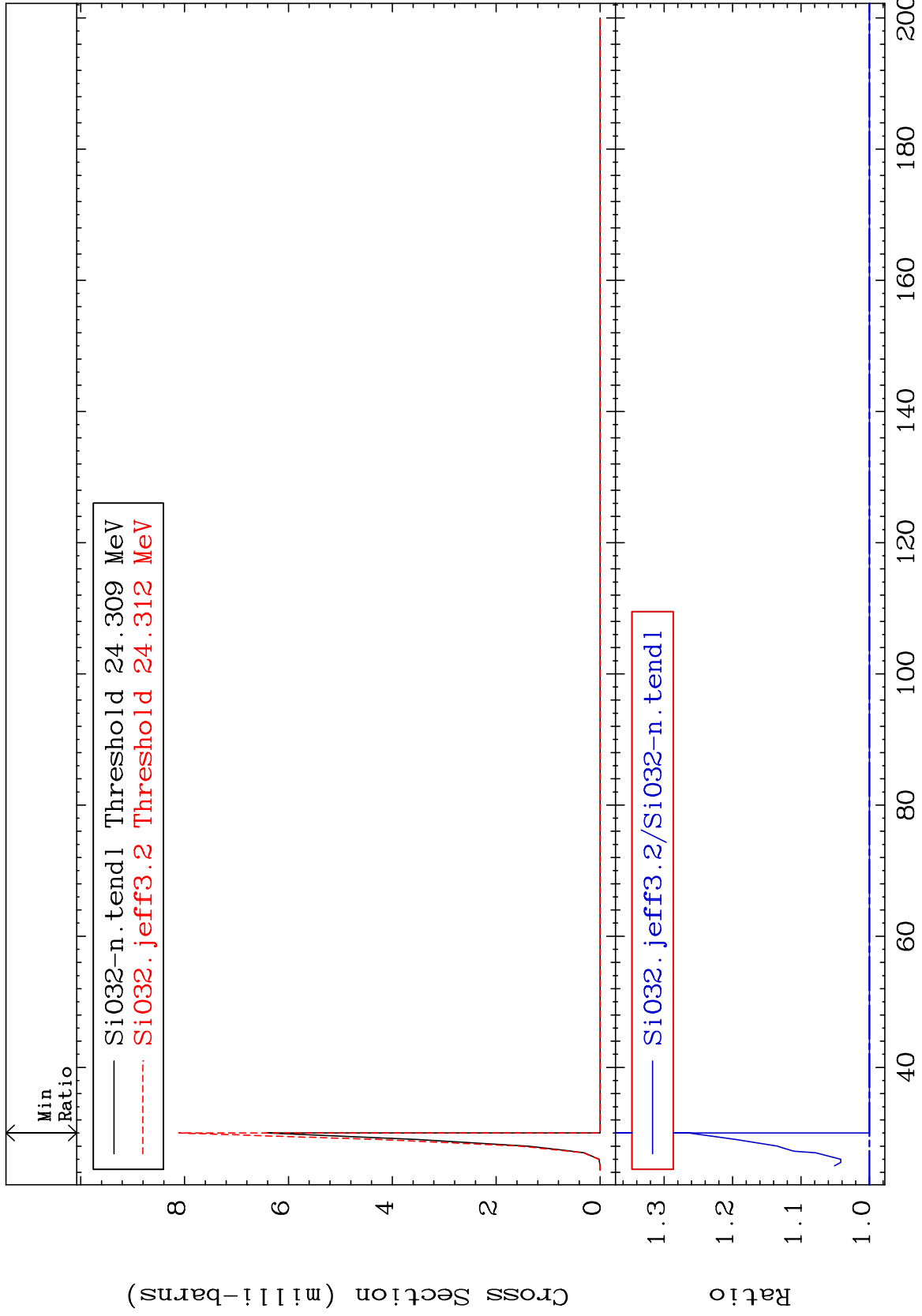
Incident Energy (MeV)

14-Si-32

MAT 1437

(n,2n) p
Cross Section

14-Si-32
To 26.43 %
0.000



15

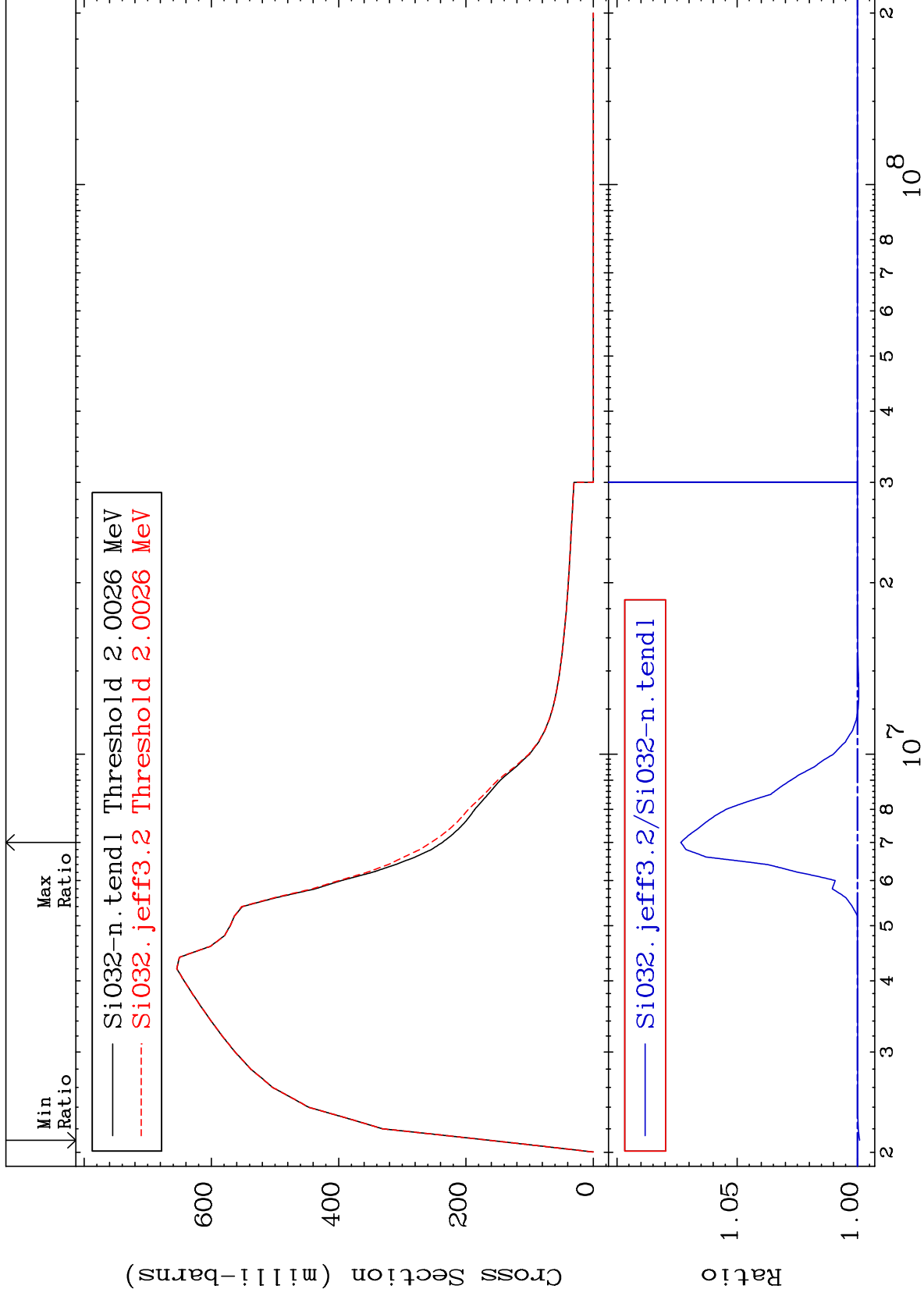
Incident Energy (MeV)

14-Si-32

MAT 1437

1.941 MeV (n,n') Level
Cross Section

14-Si-32
-0.084 To 7.346 %



16

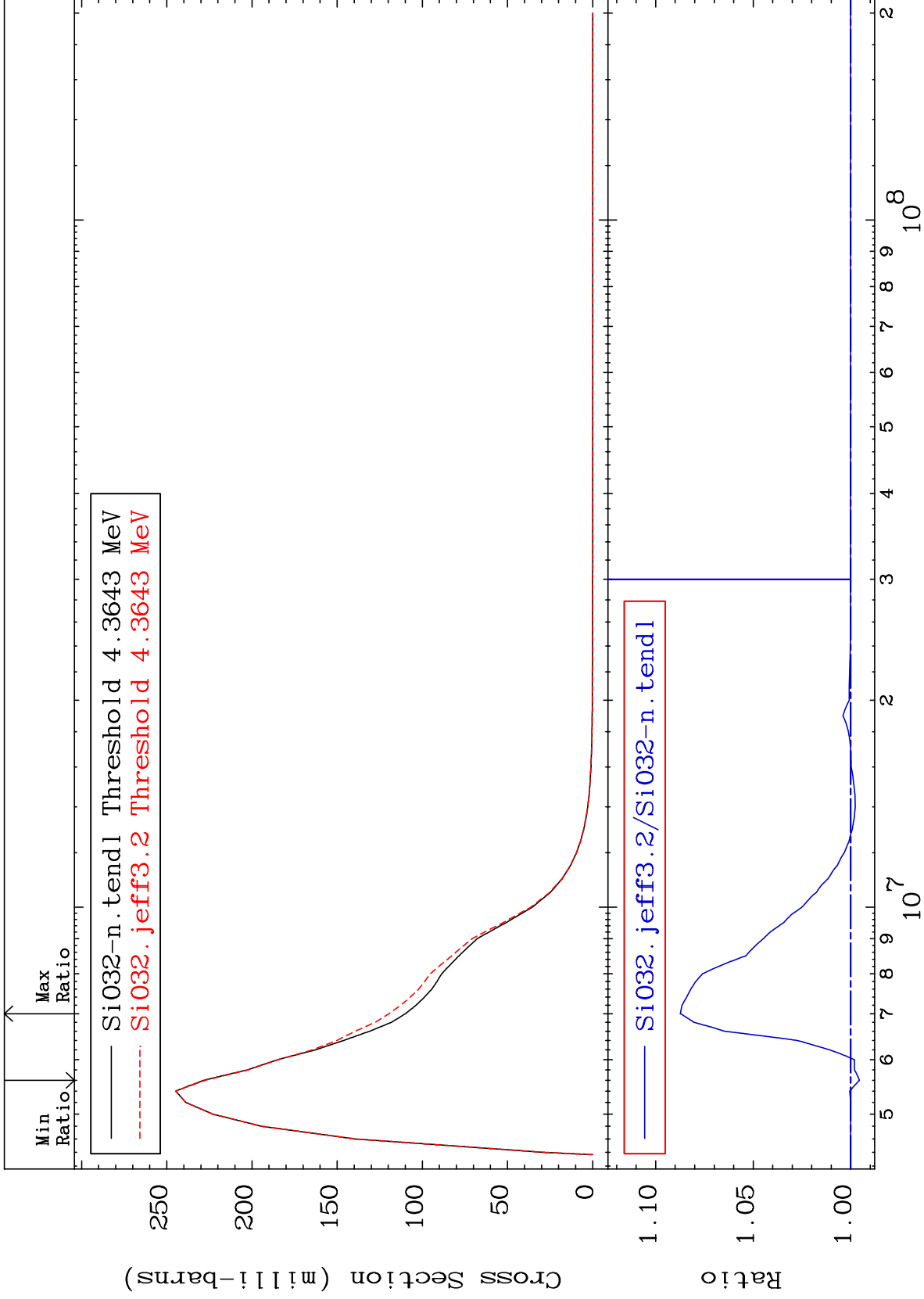
Incident Energy (eV)

14-Si-32

MAT 1437

4.231 MeV (n,n') Level
Cross Section

14-Si-32
-0.446 To 8.736 %



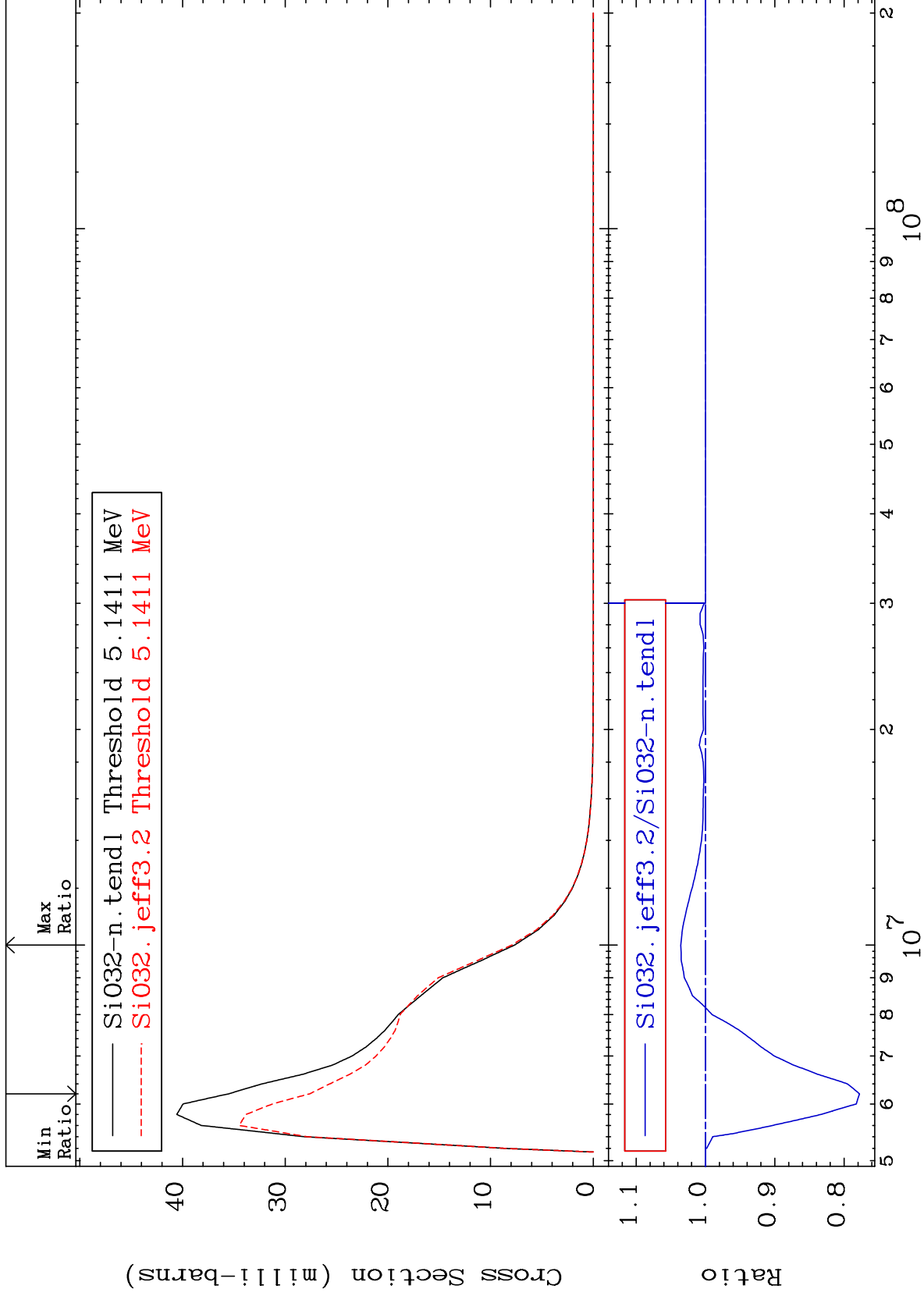
17

14-Si-32

MAT 1437

4.984 MeV (n,n') Level
Cross Section

14-Si-32
-22.22 To 3.567 %



18

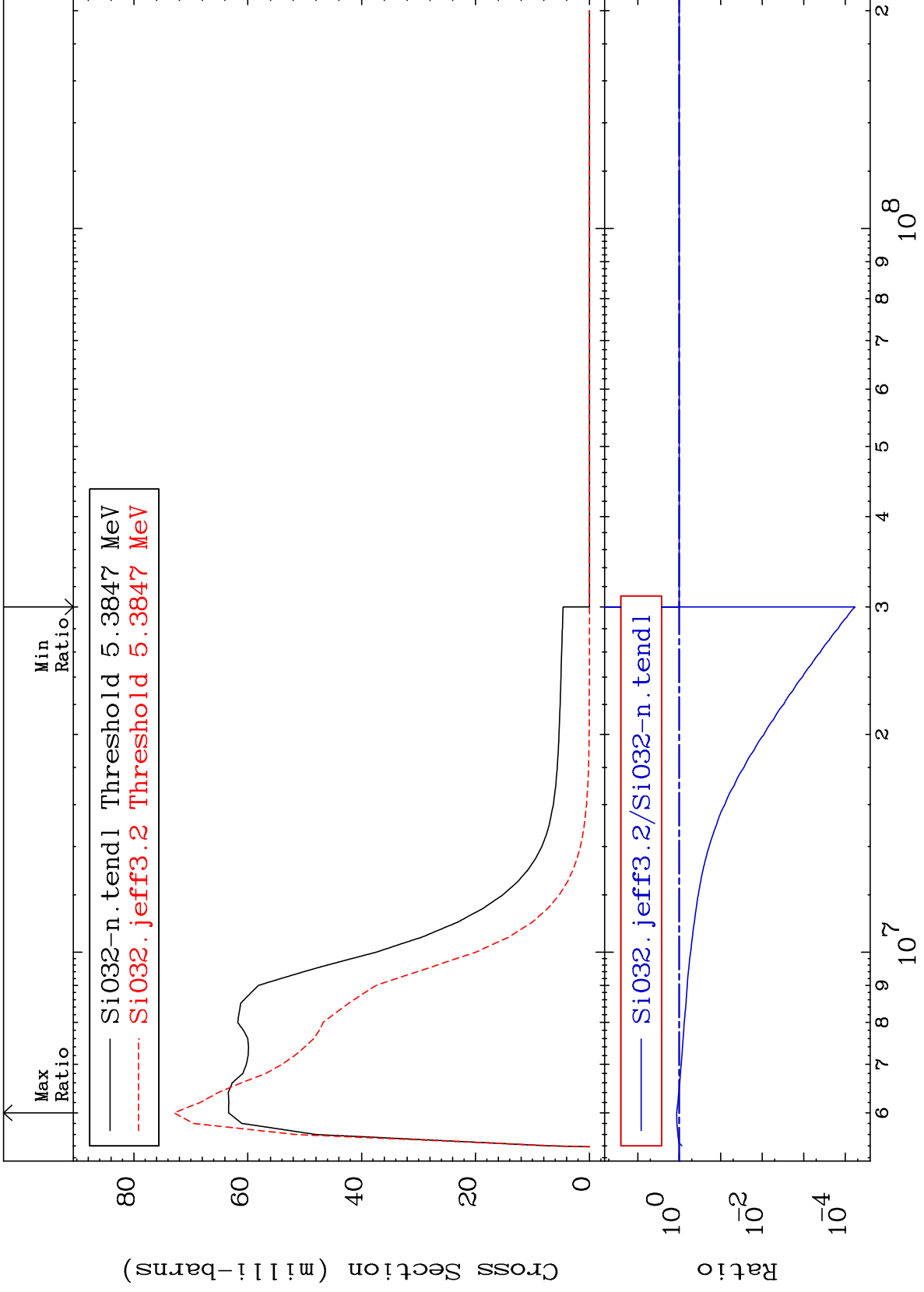
Incident Energy (eV)

14-Si-32

MAT 1437

5.220 MeV (n,n') Level
Cross Section

14-Si-32
-99.99 To 15.12 %



19

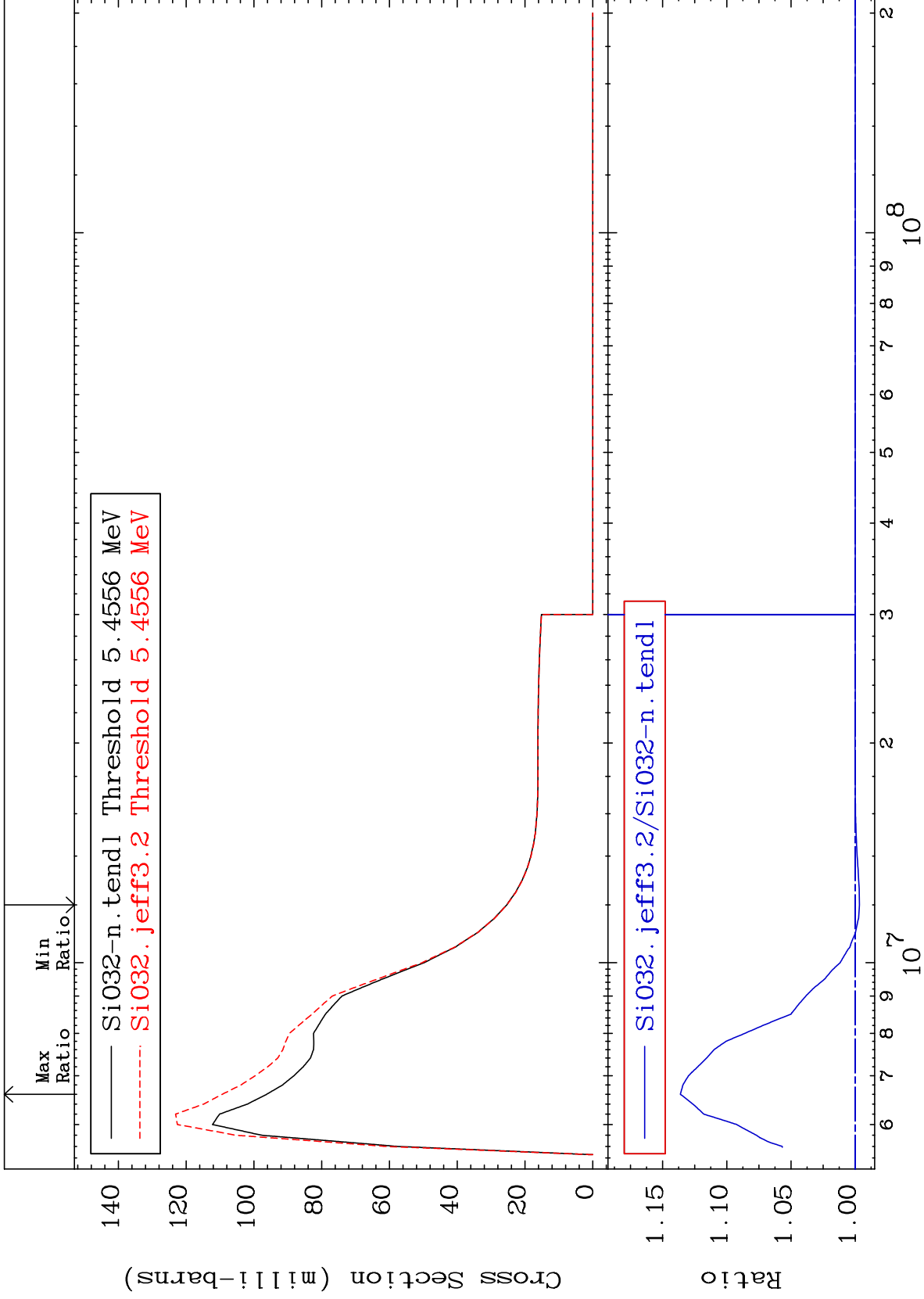
Incident Energy (eV)

14-Si-32

MAT 1437

5.289 MeV (n,n') Level
Cross Section

14-Si-32
-0.333 To 13.62 %



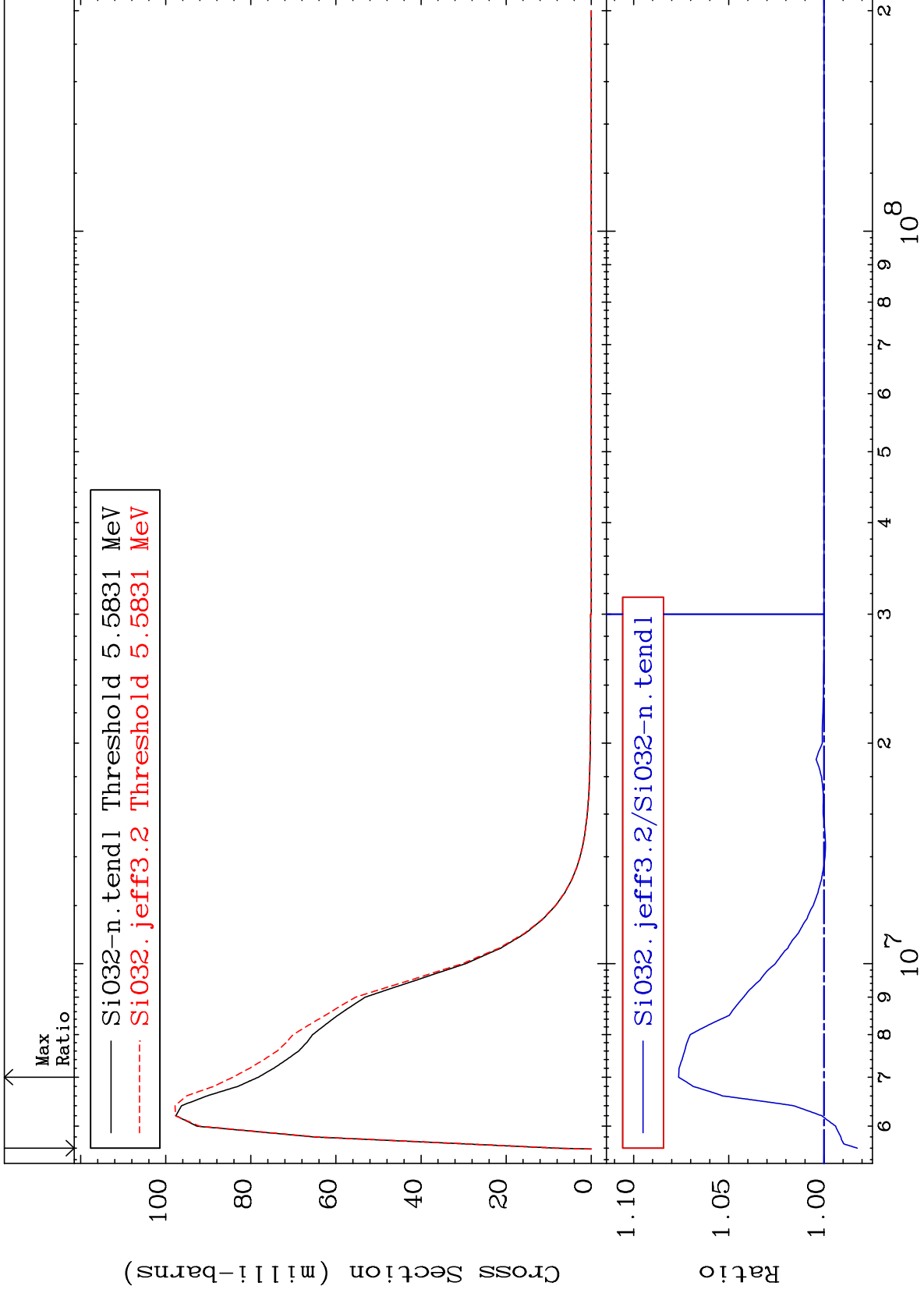
20

14-Si-32

MAT 1437

5.412 MeV (n,n') Level
Cross Section

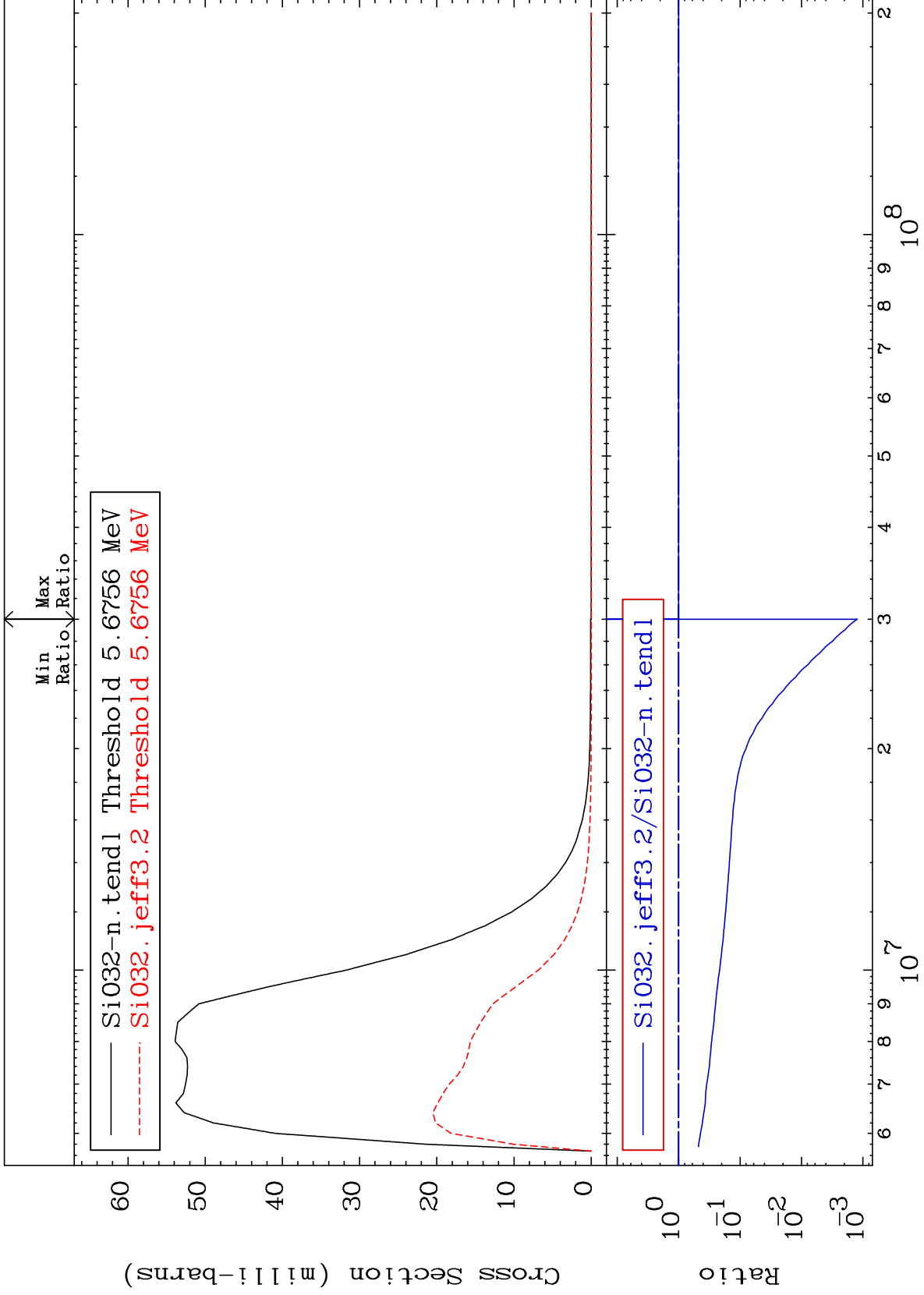
14-Si-32
-1.746 To 7.634 %



MAT 1437

5.502 MeV (n,n') Level
Cross Section

14-Si-32
-99.88 To 0.000 %



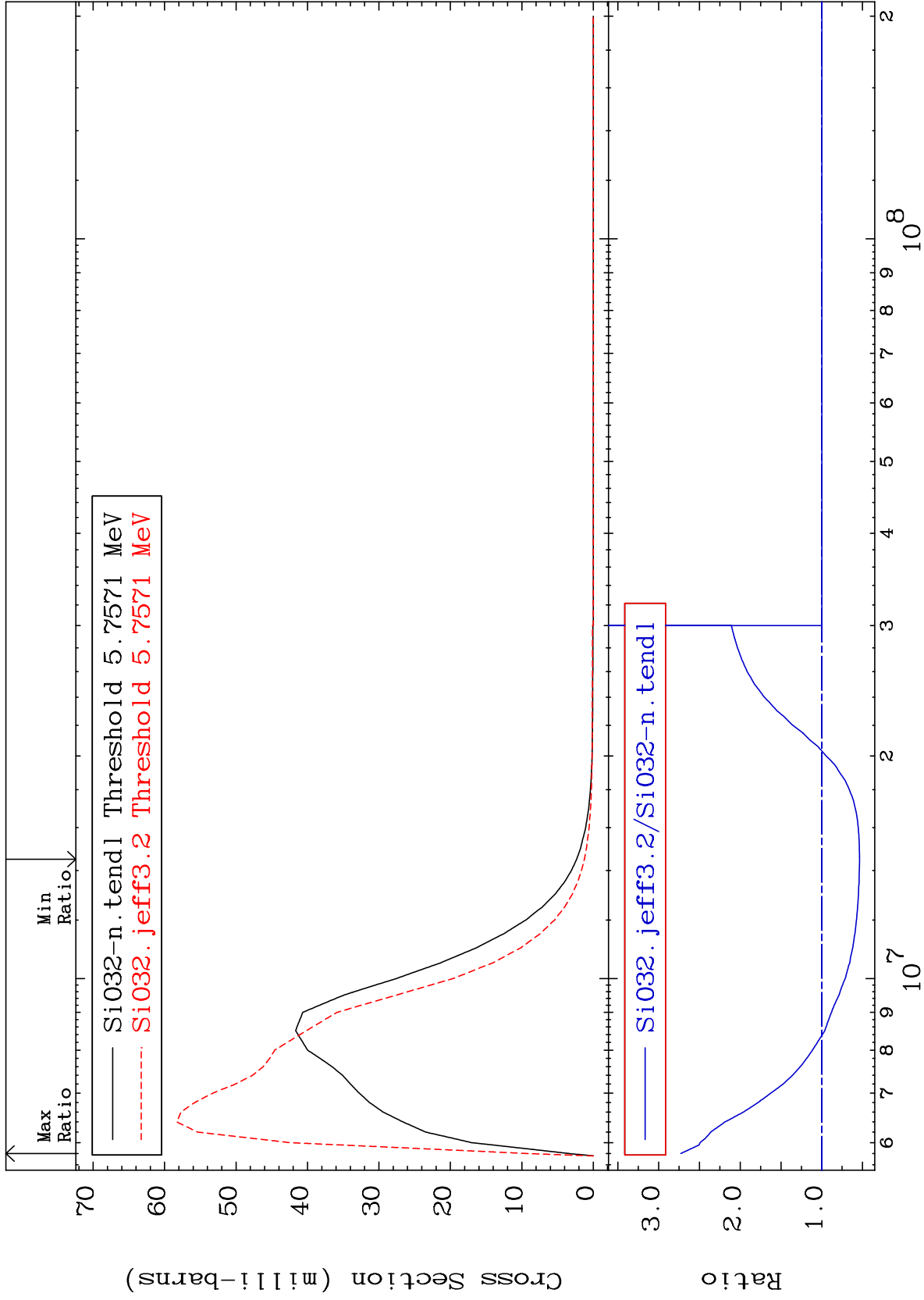
MAT 1437

5.581 MeV (n,n') Level

14-Si-32

Cross Section

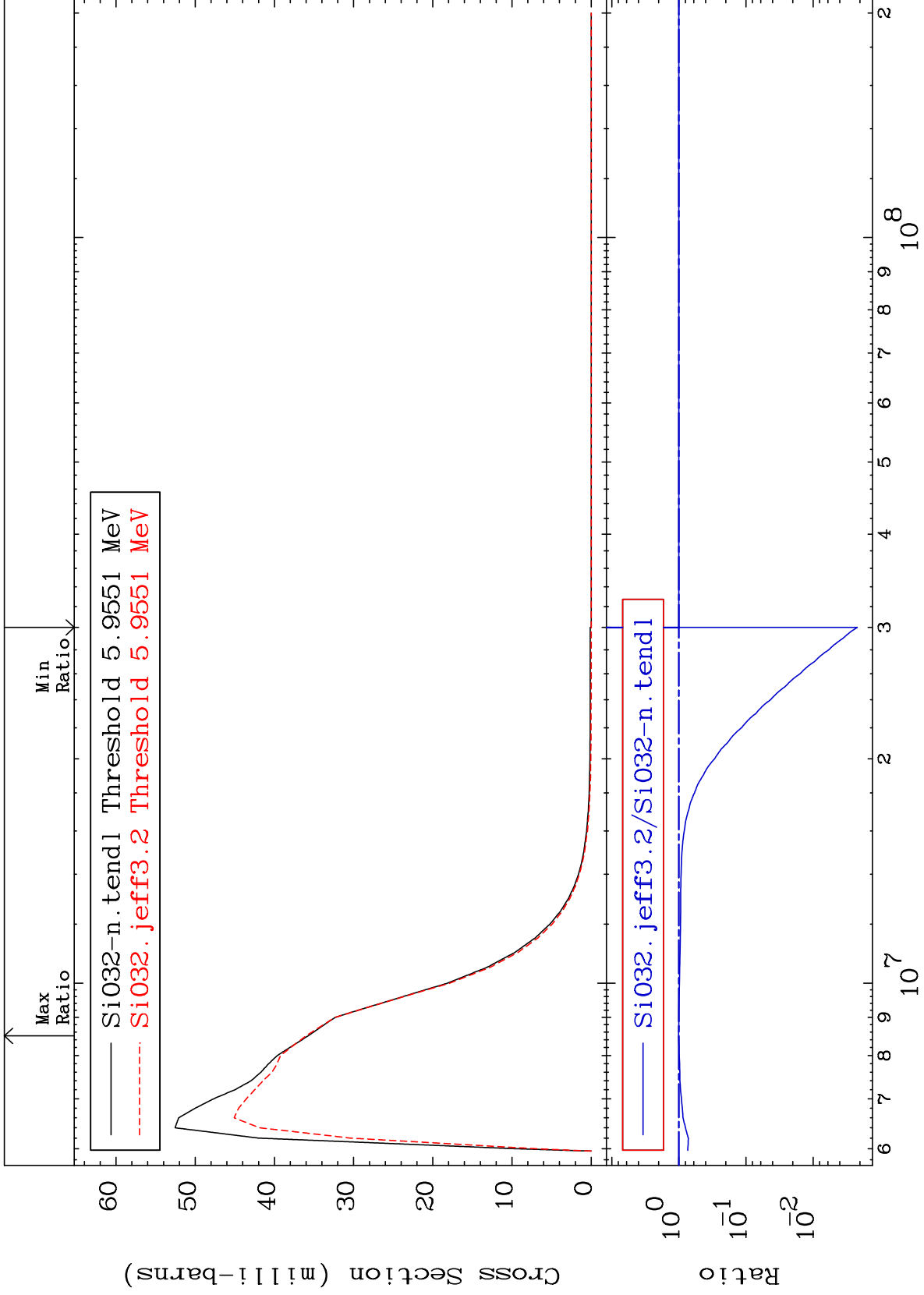
-46.32 To 172.9 %



MAT 1437

5.773 MeV (n,n') Level
Cross Section

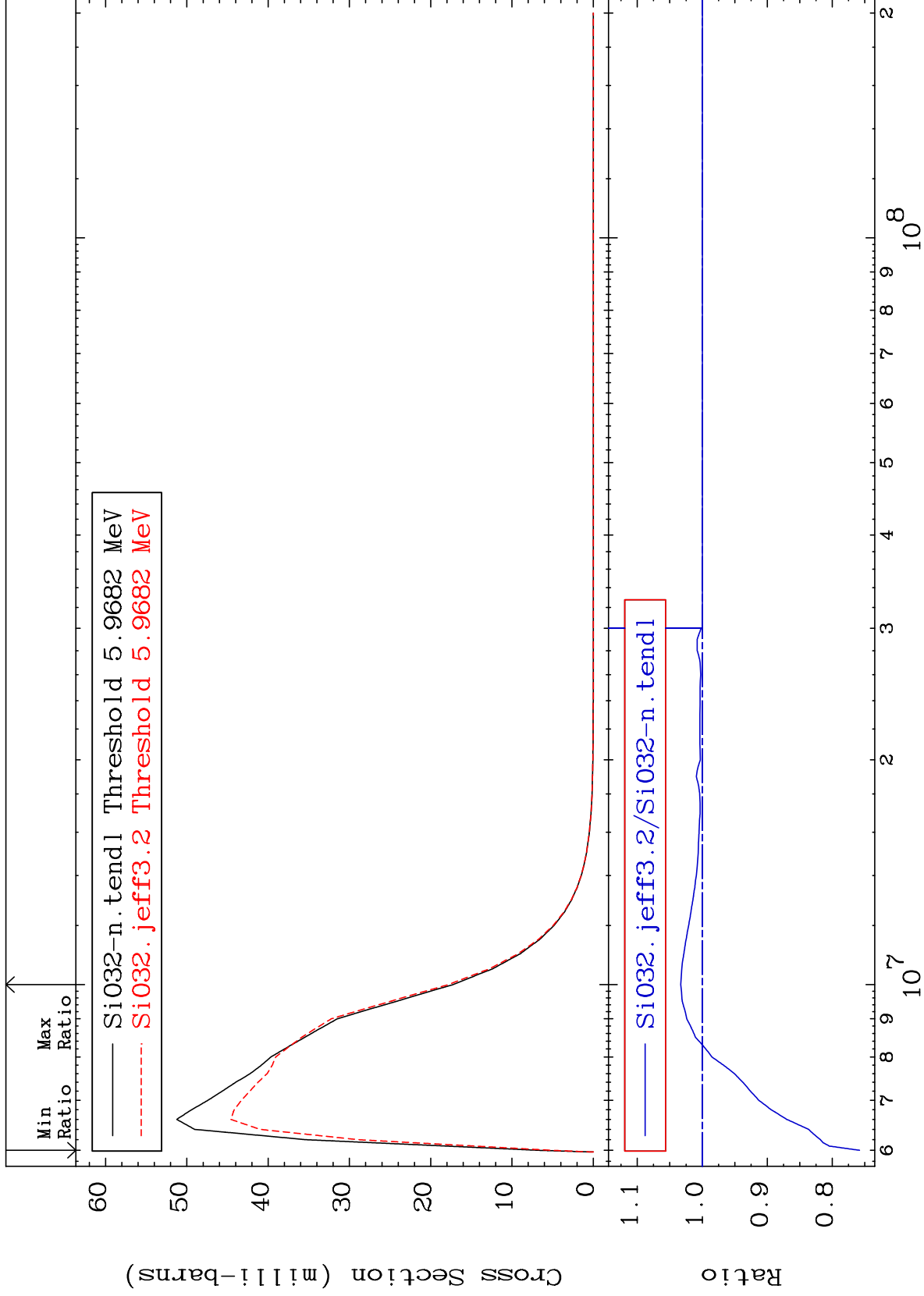
14-Si-32
-99.78 To 0.744 %



MAT 1437

5.786 MeV (n,n') Level
Cross Section

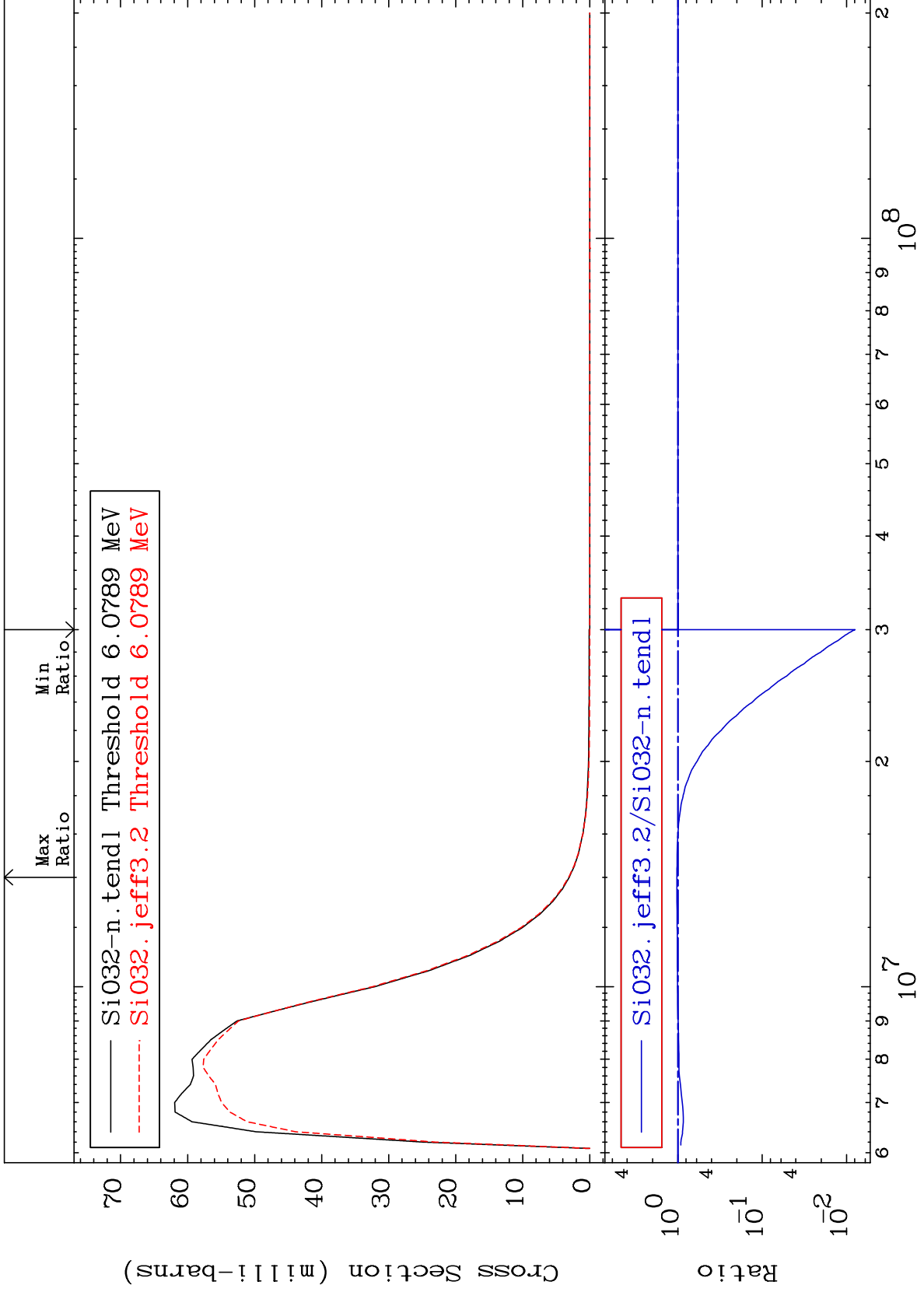
14-Si-32
-24.18 To 3.312 %



MAT 1437

5.893 MeV (n,n') Level
Cross Section

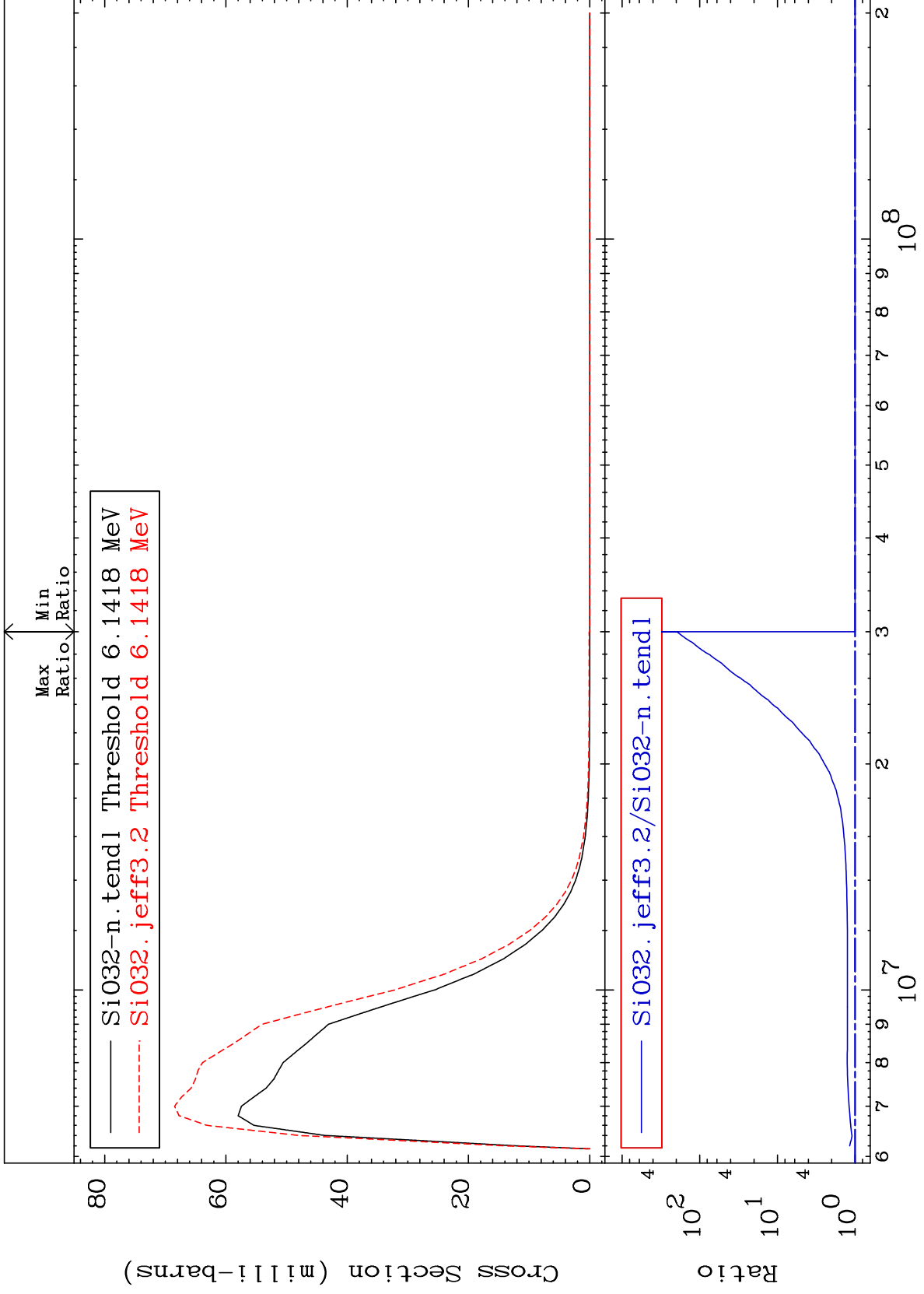
14-Si-32
-99.21 To 2.751 %



MAT 1437

5.954 MeV (n,n') Level
Cross Section

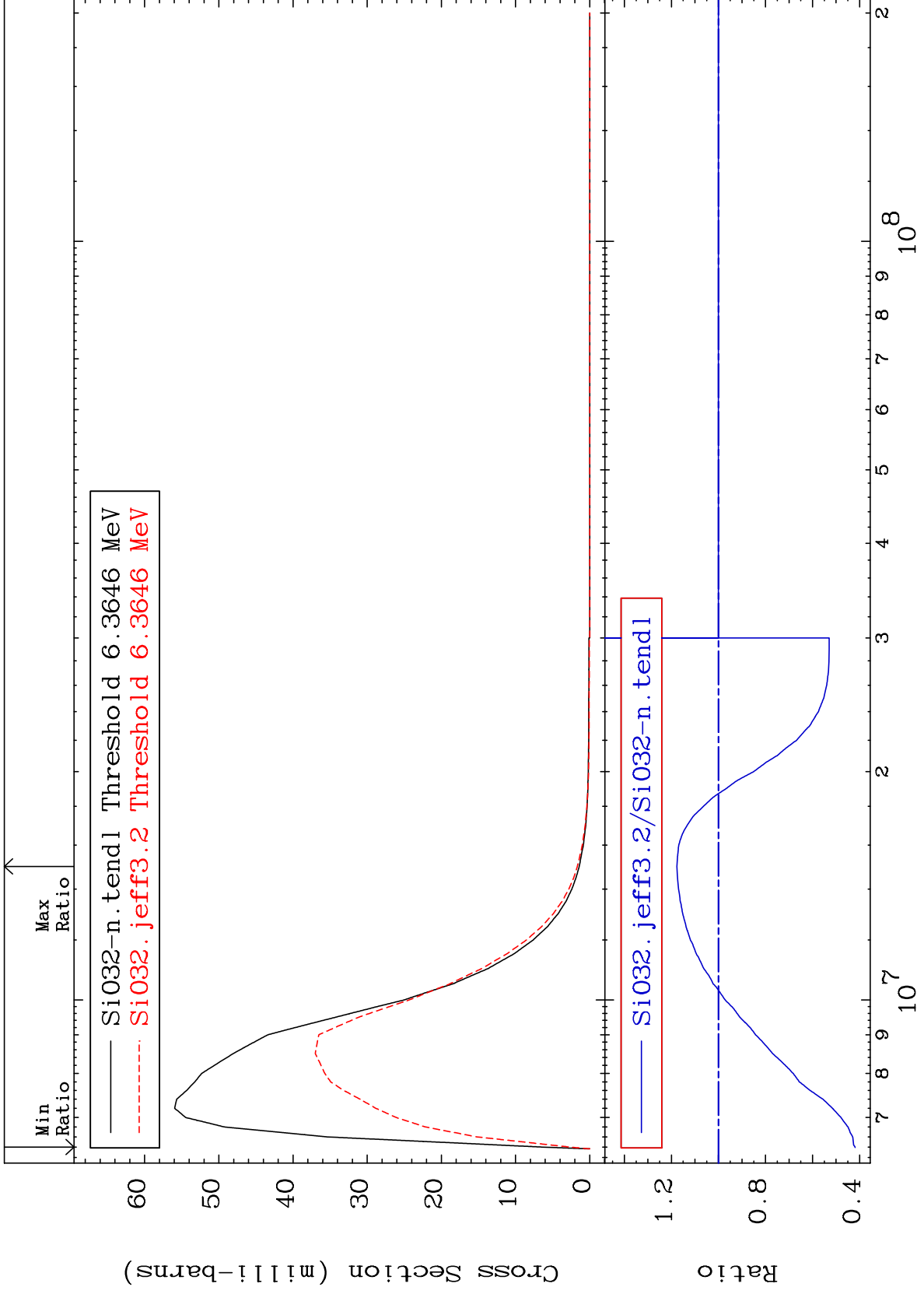
14-Si-32
0.000 To 9999. %



MAT 1437

6.170 MeV (n,n') Level
Cross Section

14-Si-32
-58.09 To 17.66 %



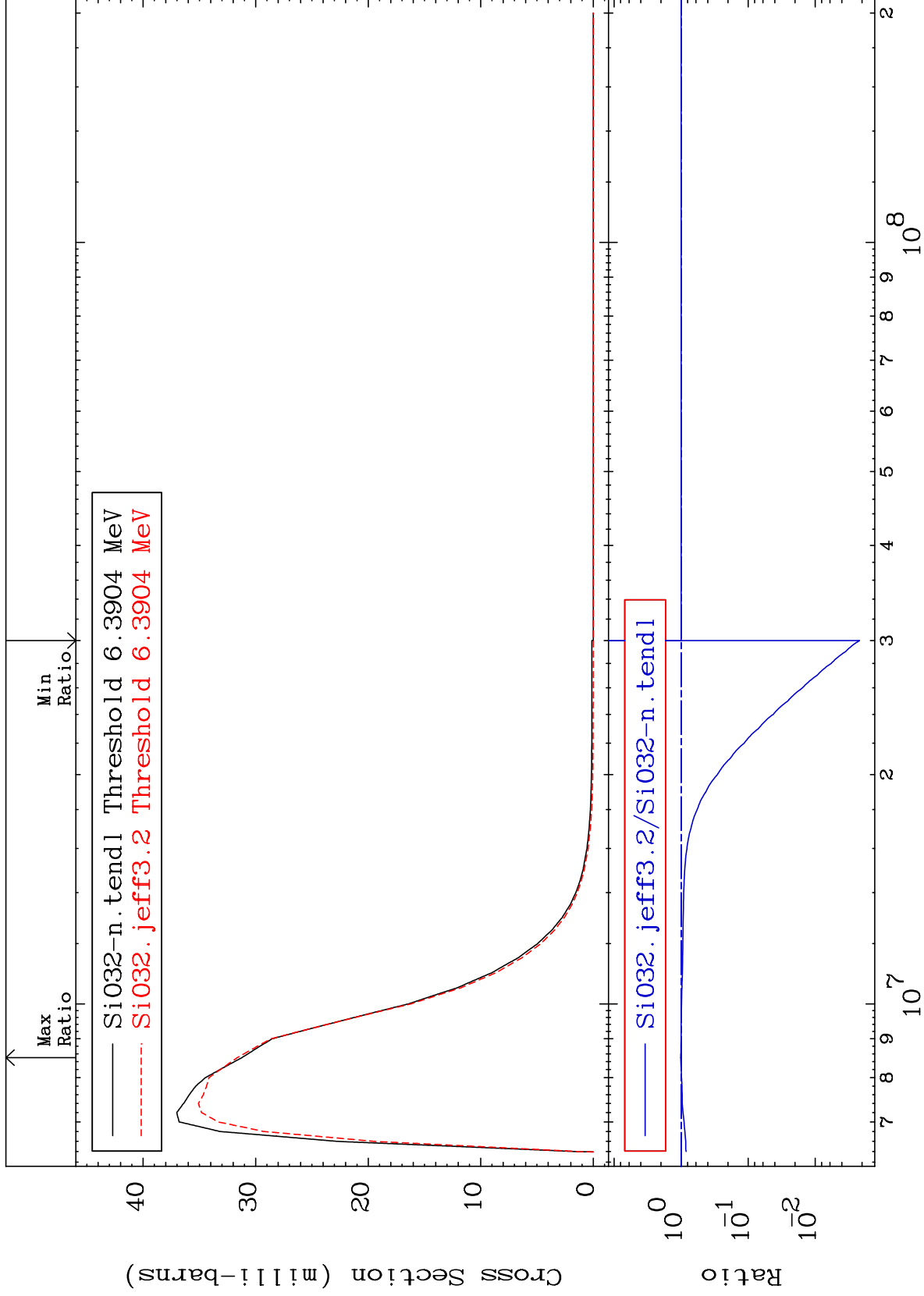
MAT 1437

6.195 MeV (n,n') Level

14-Si-32

-99.78 To 1.318 %

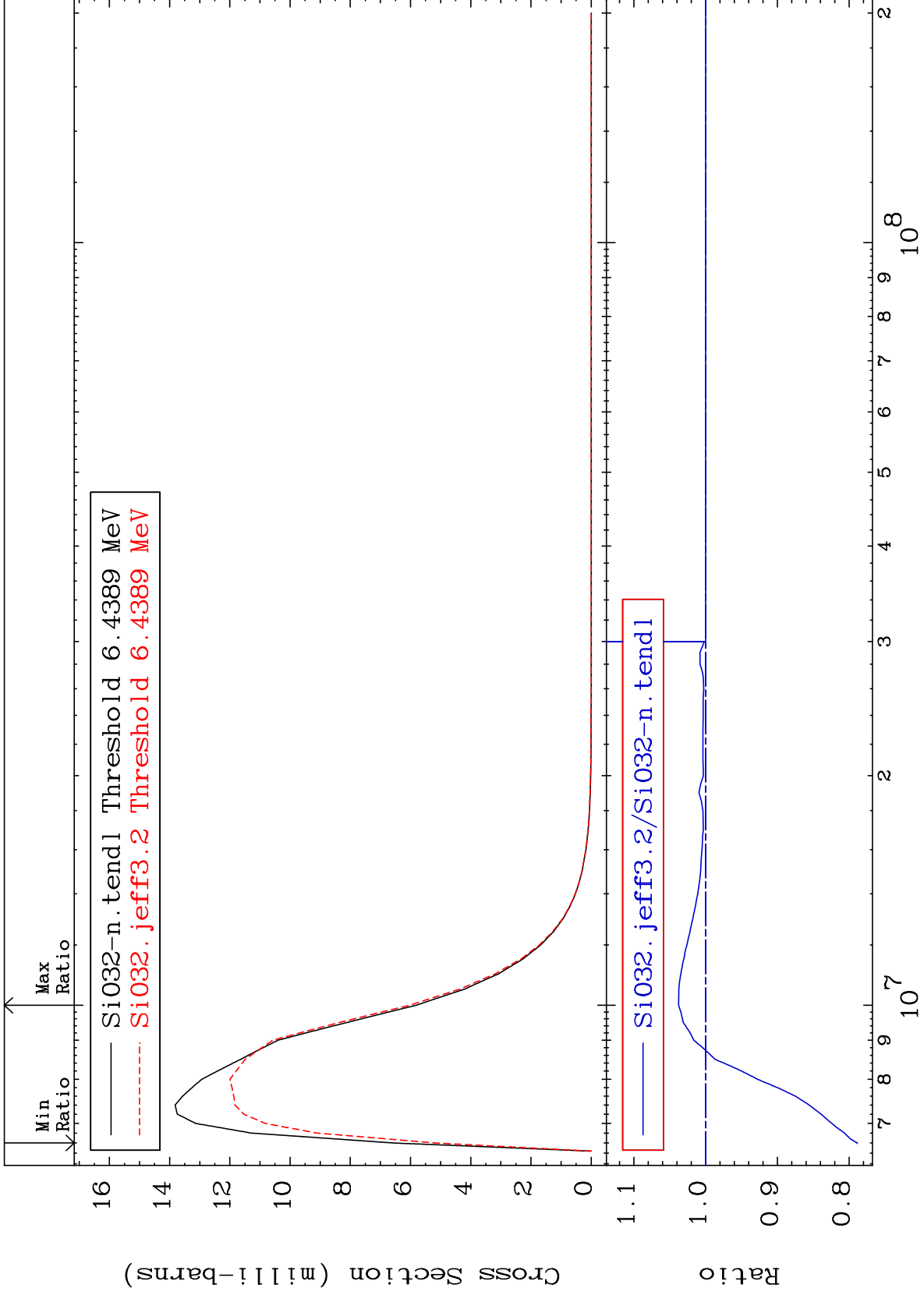
Cross Section



MAT 1437

6.242 MeV (n,n') Level
Cross Section

14-Si-32
-21.13 To 3.758 %



30

Incident Energy (eV)

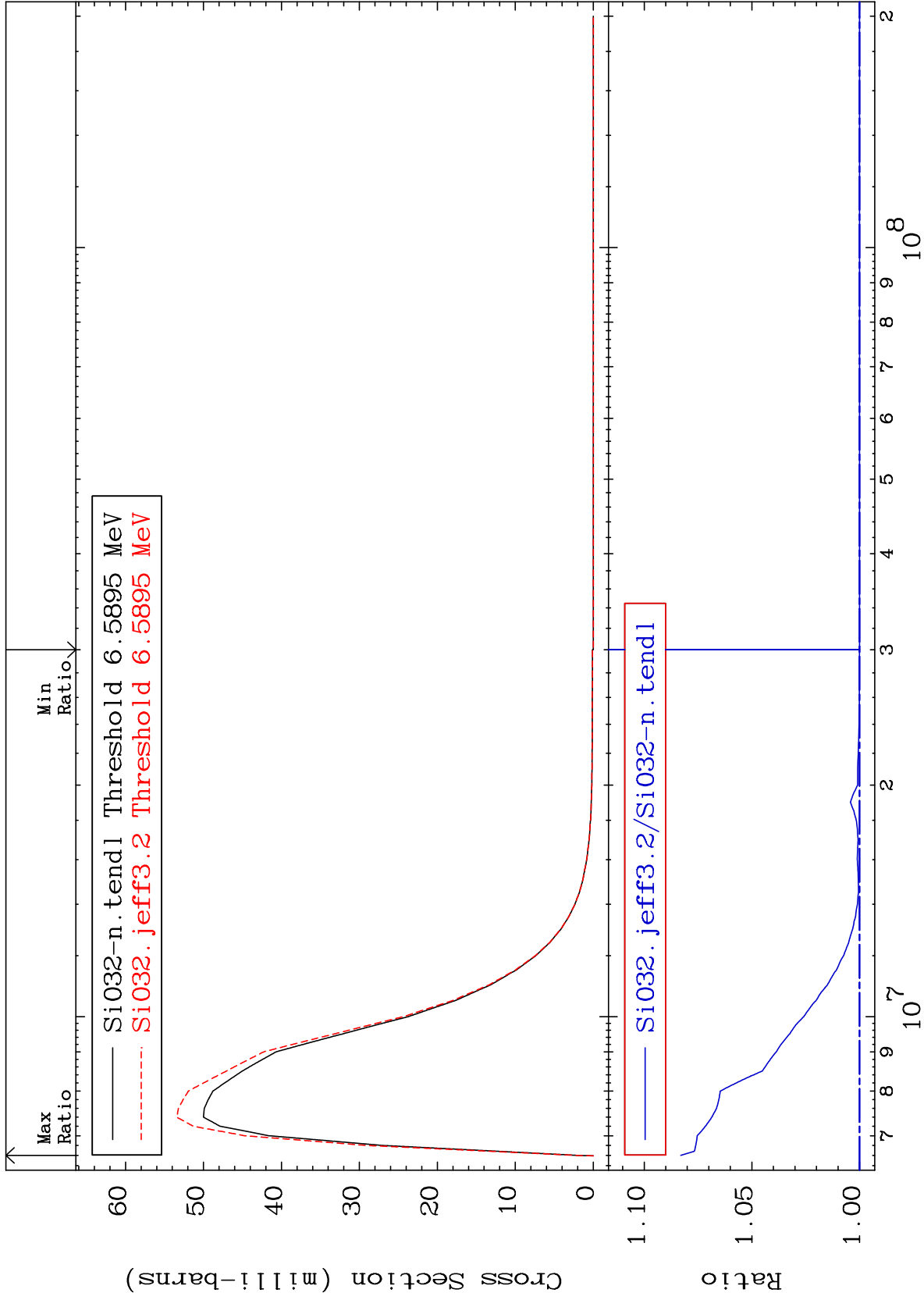
14-Si-32

MAT 1437

6.388 MeV (n,n') Level

14-Si-32

Cross Section To 8.302 %



31

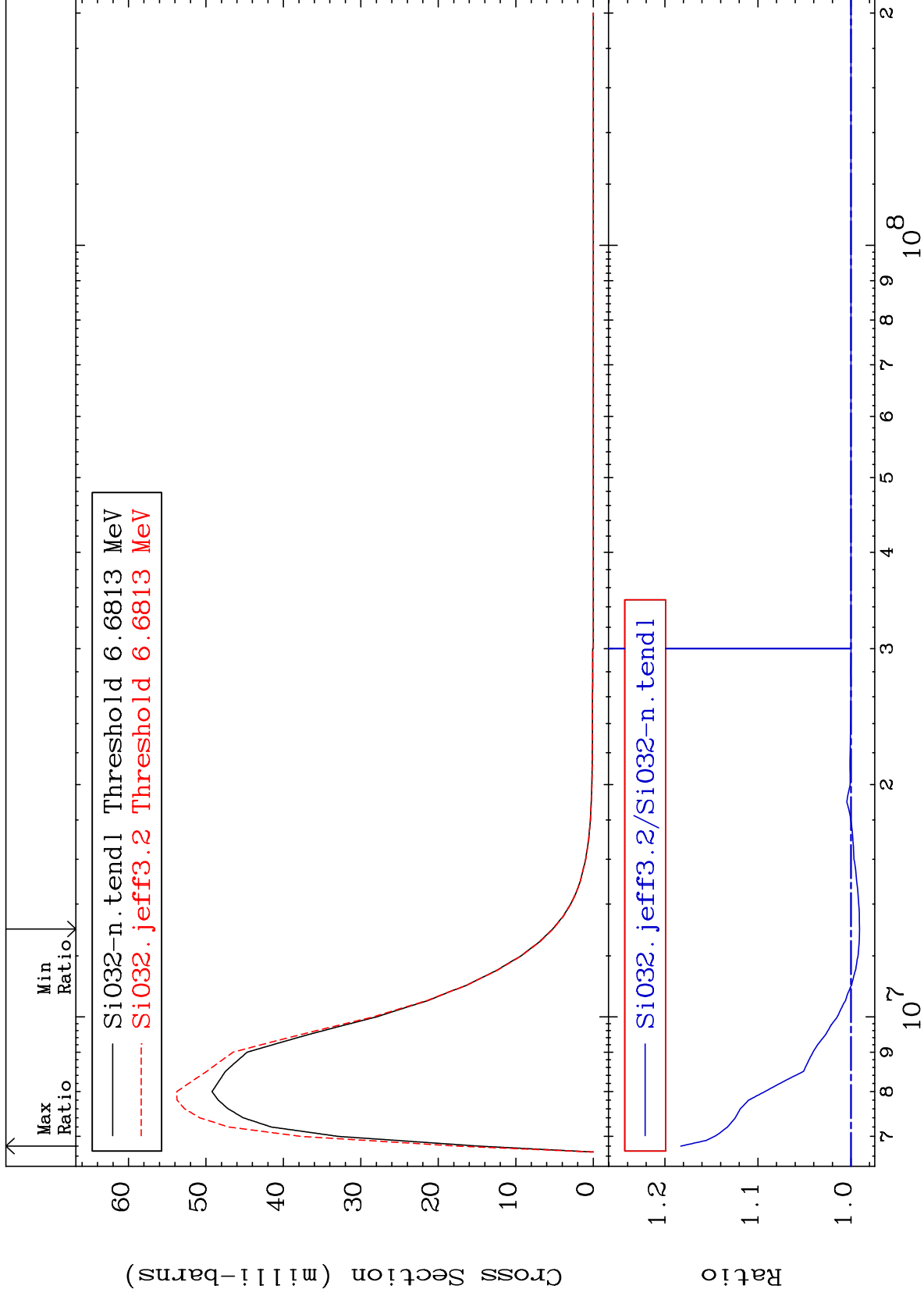
Incident Energy (eV)

14-Si-32

MAT 1437

6.477 MeV (n,n') Level
Cross Section

14-Si-32
-0.917 To 18.29 %



32

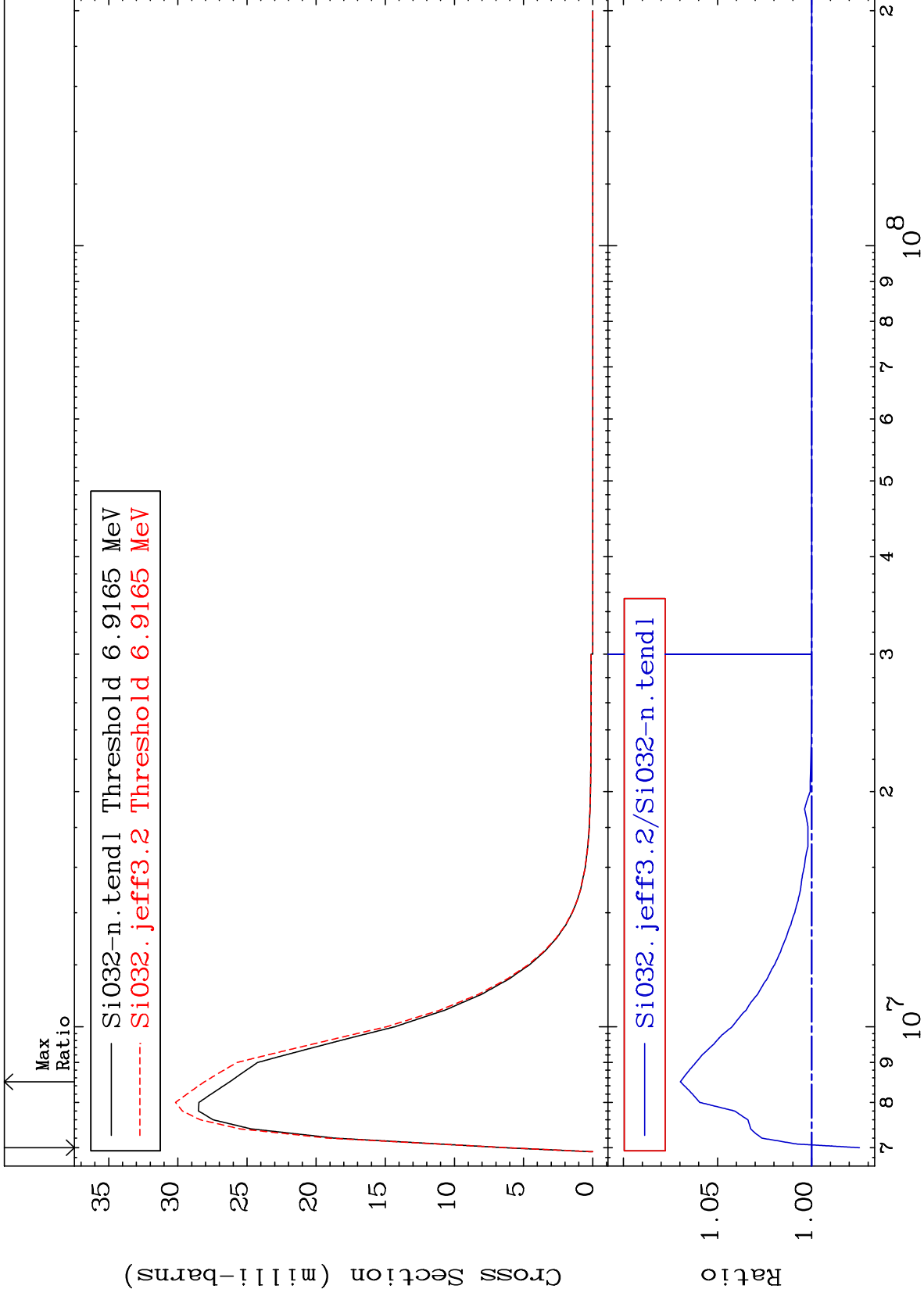
Incident Energy (eV)

14-Si-32

MAT 1437

6.705 MeV (n,n') Level
Cross Section

14-Si-32
-2.539 To 6.977 %



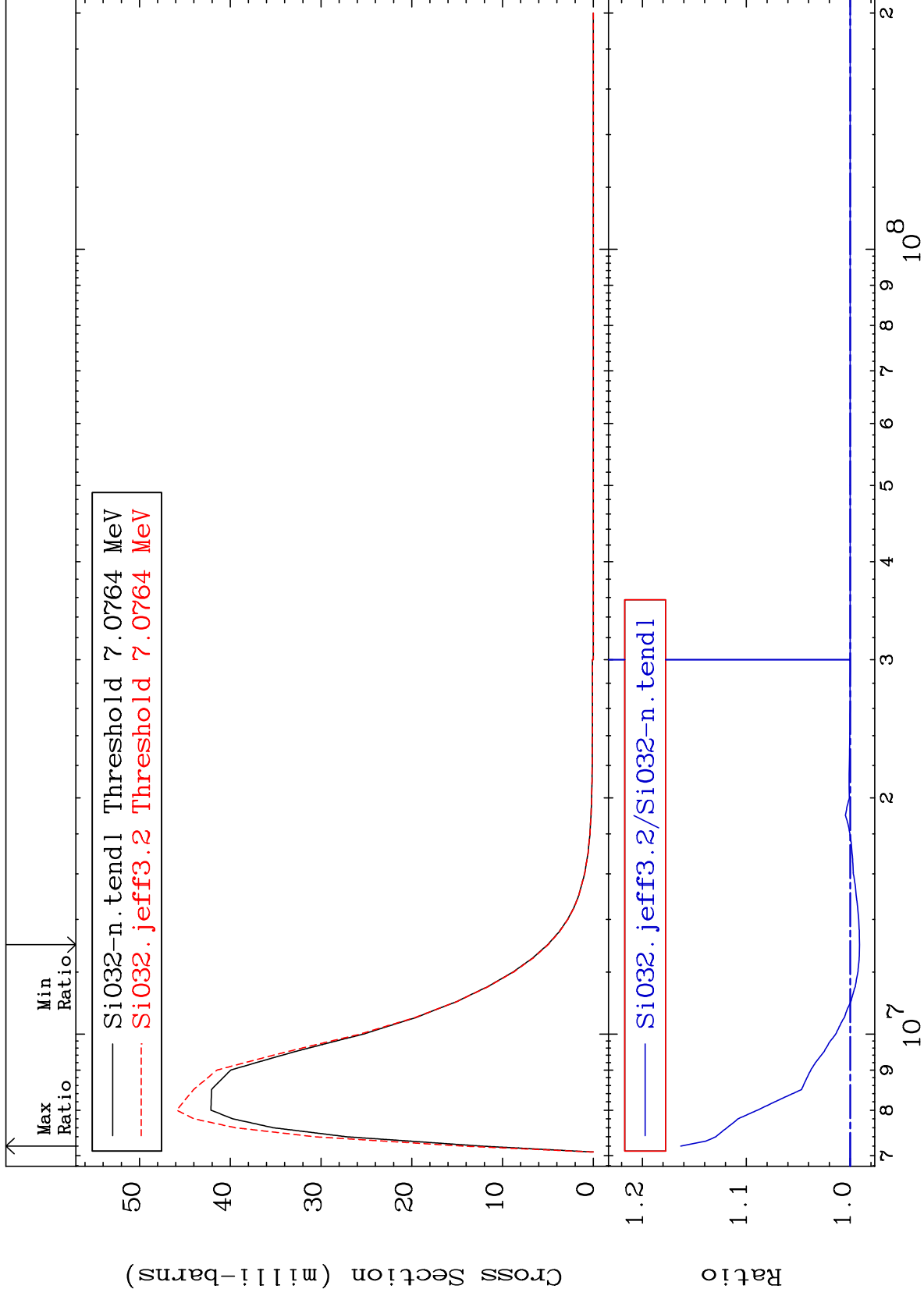
33

14-Si-32

MAT 1437

6.860 MeV (n,n') Level
Cross Section

14-Si-32
-0.899 To 16.30 %

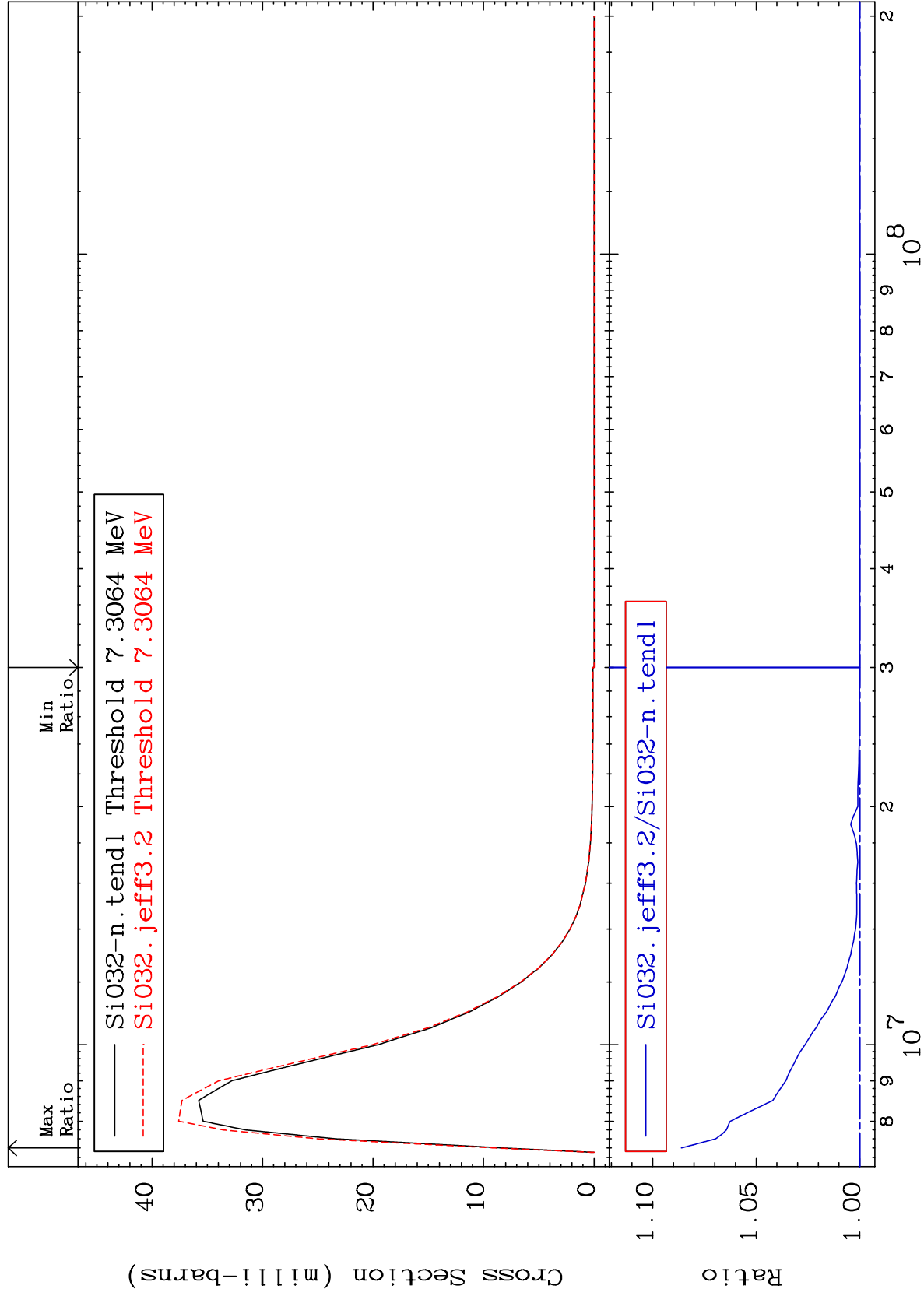


MAT 1437

7.083 MeV (n,n') Level

14-Si-32

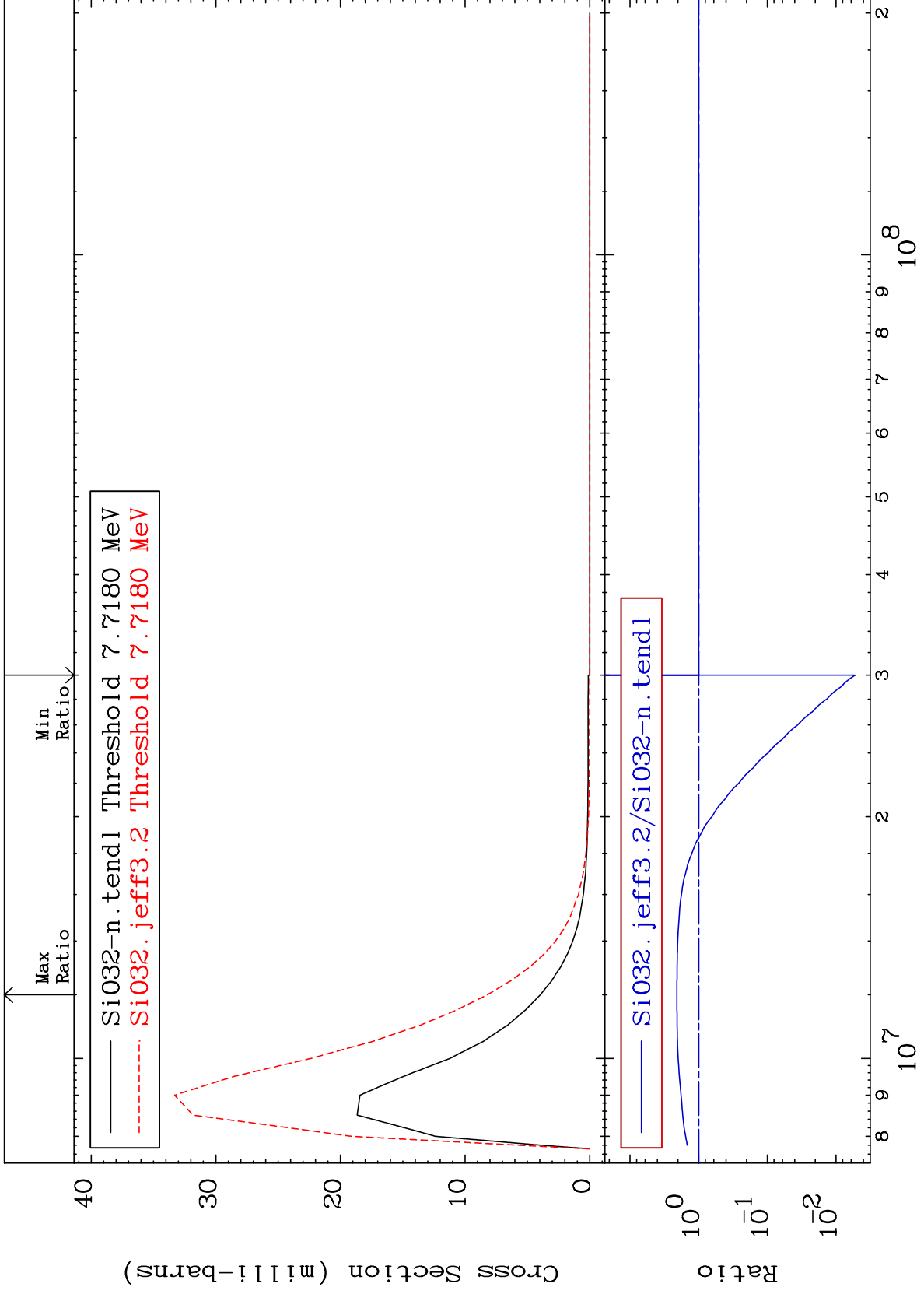
0.000 To 8.614 %



MAT 1437

7.482 MeV (n,n') Level
Cross Section

14-Si-32
-99.47 To 107.3 %



36

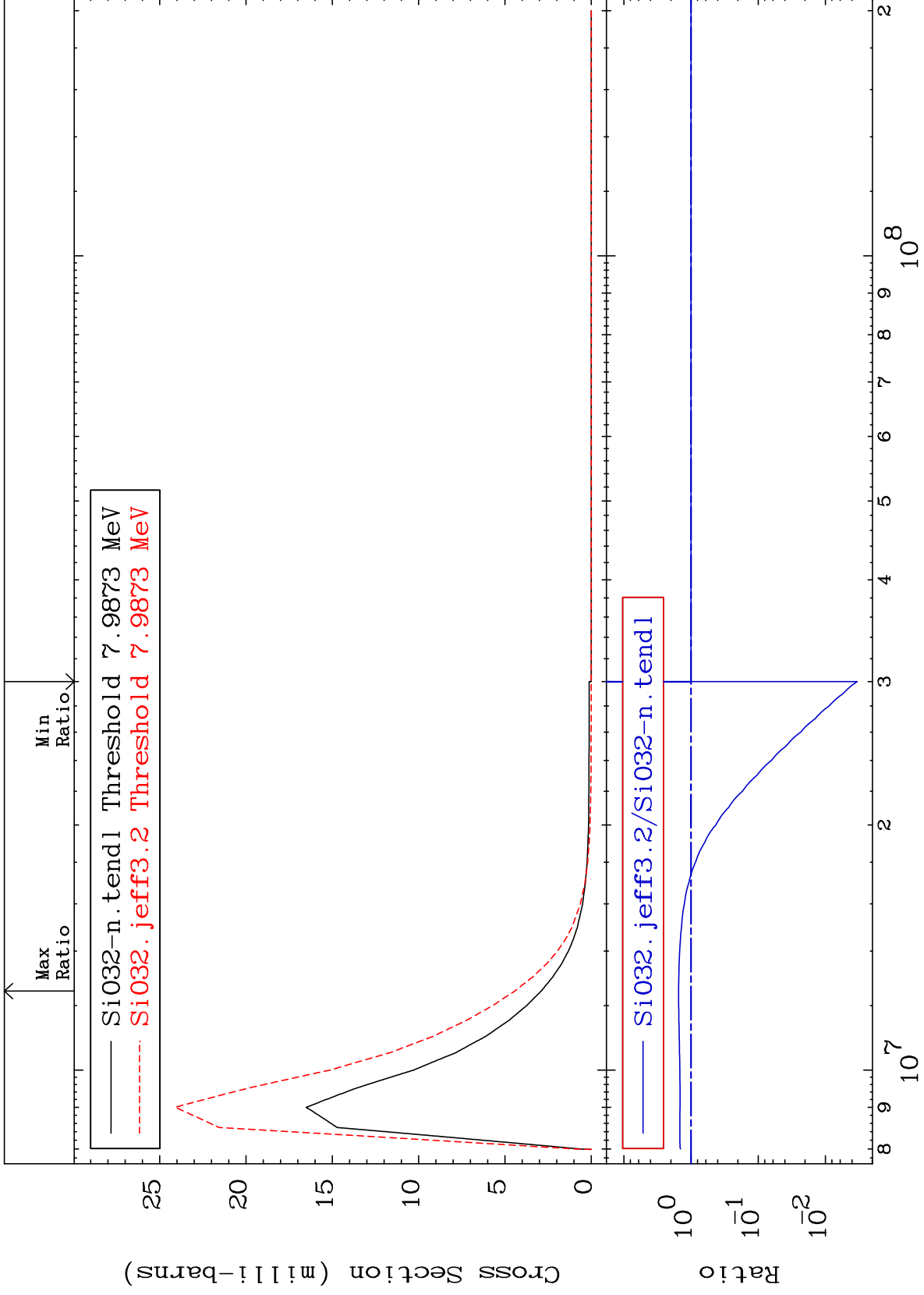
Incident Energy (eV)

14-Si-32

MAT 1437

7.743 MeV (n,n') Level
Cross Section

14-Si-32
-99.67 To 52.85 %



37

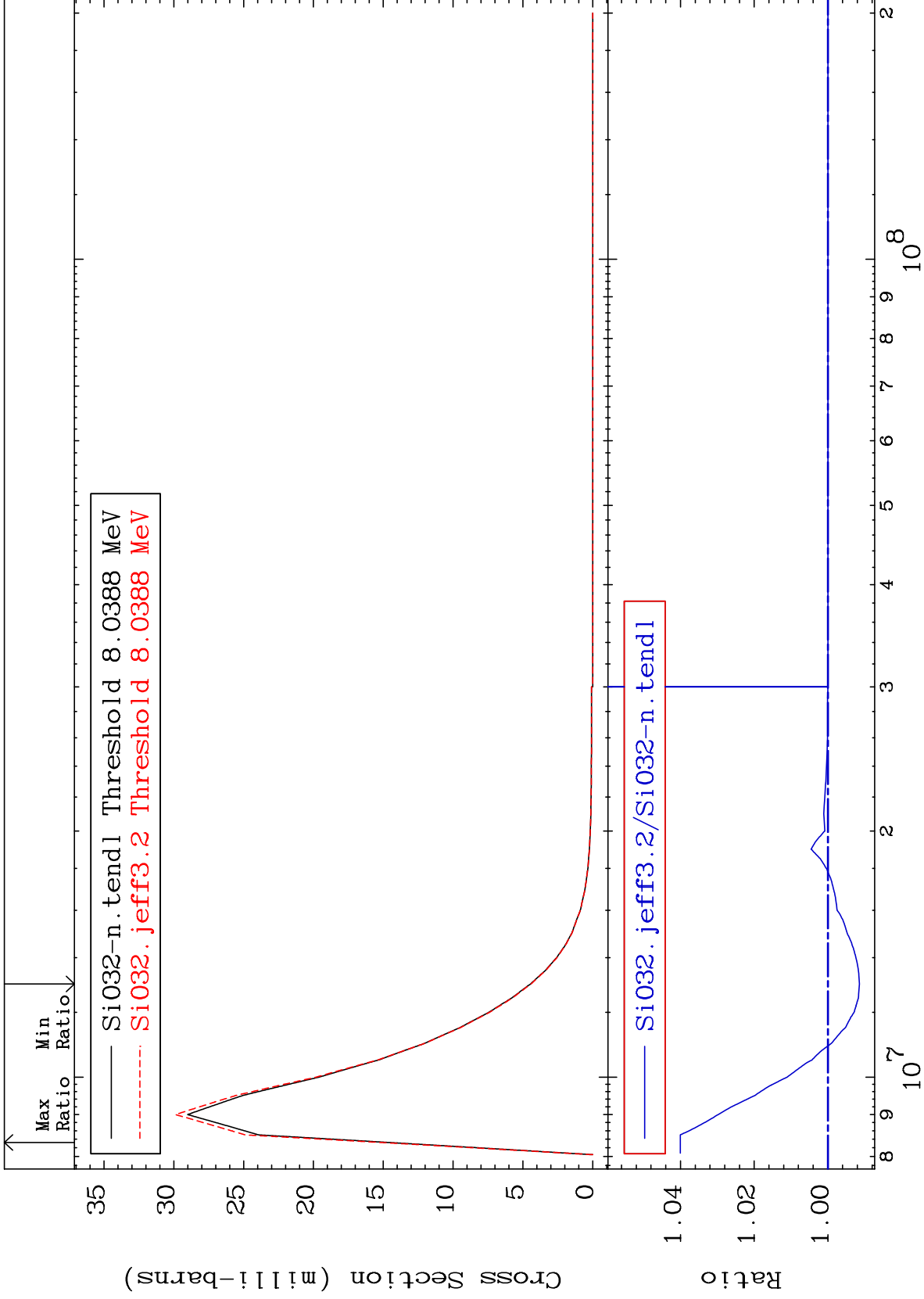
Incident Energy (eV)

14-Si-32

MAT 1437

7.793 MeV (n,n') Level
Cross Section

14-Si-32
-0.856 To 4.004 %



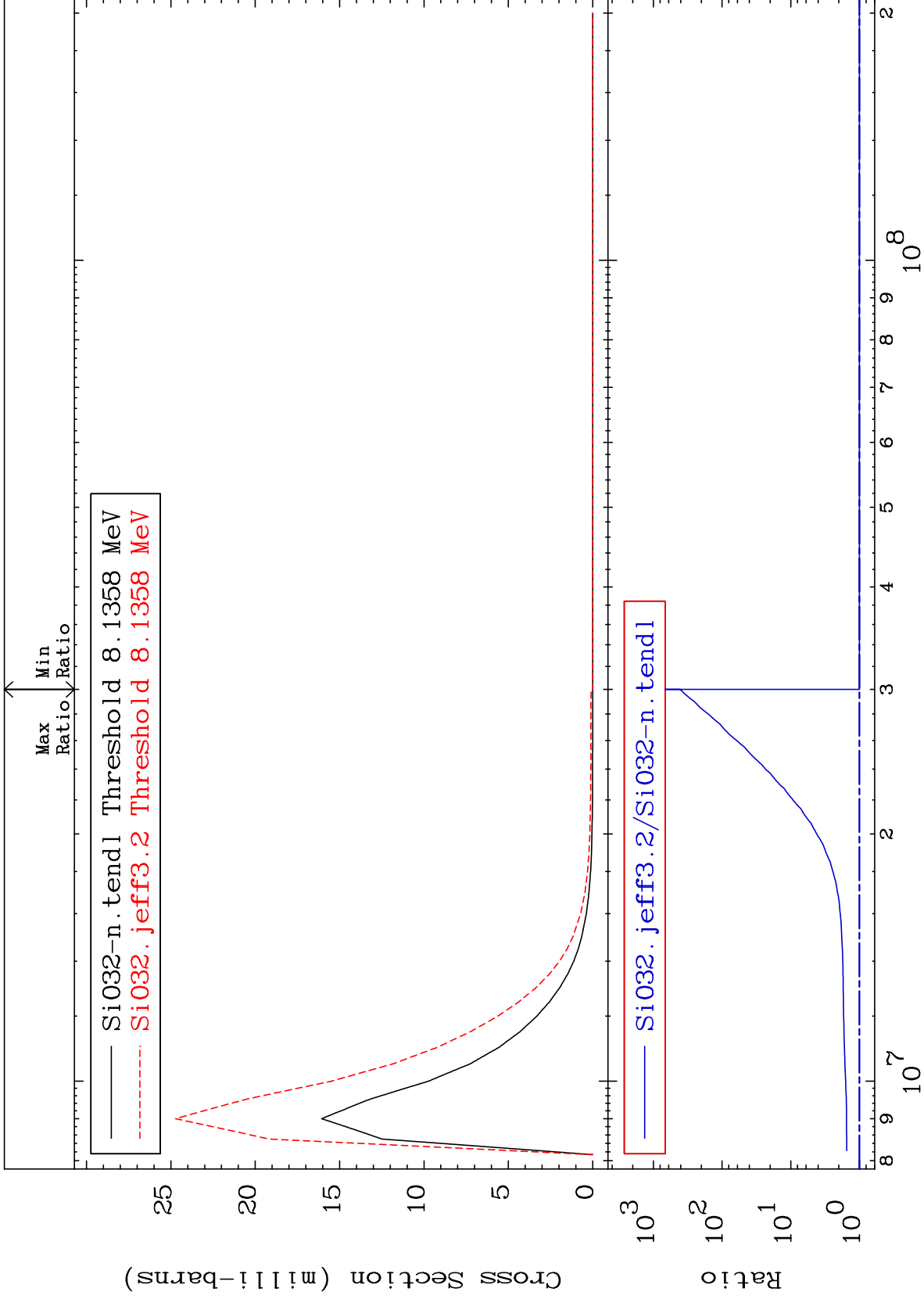
38

14-Si-32

MAT 1437

7.887 MeV (n,n') Level
Cross Section

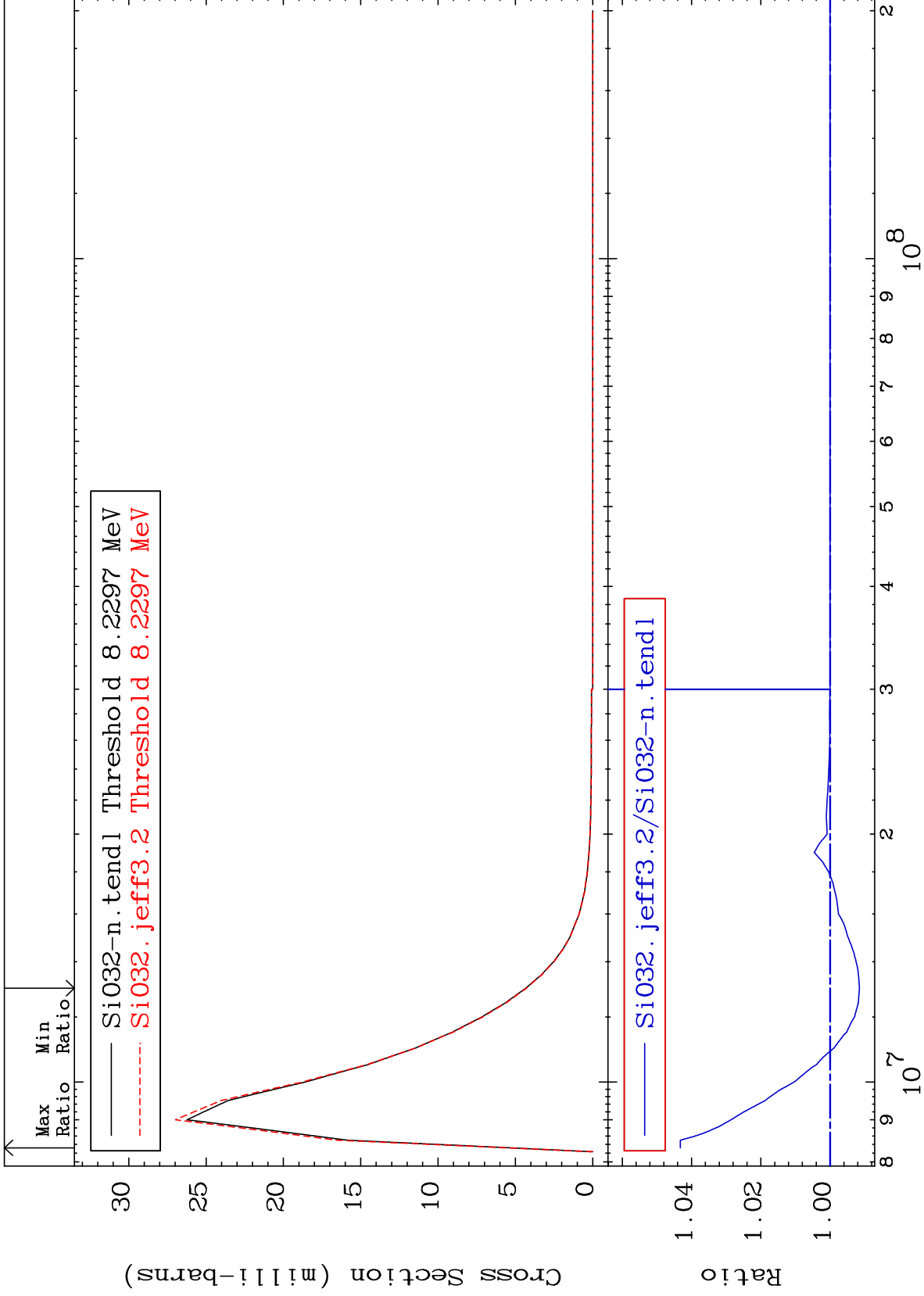
14-Si-32
0.000 To 9999. %



MAT 1437

7.978 MeV (n,n') Level
Cross Section

14-Si-32
-0.847 To 4.323 %



40

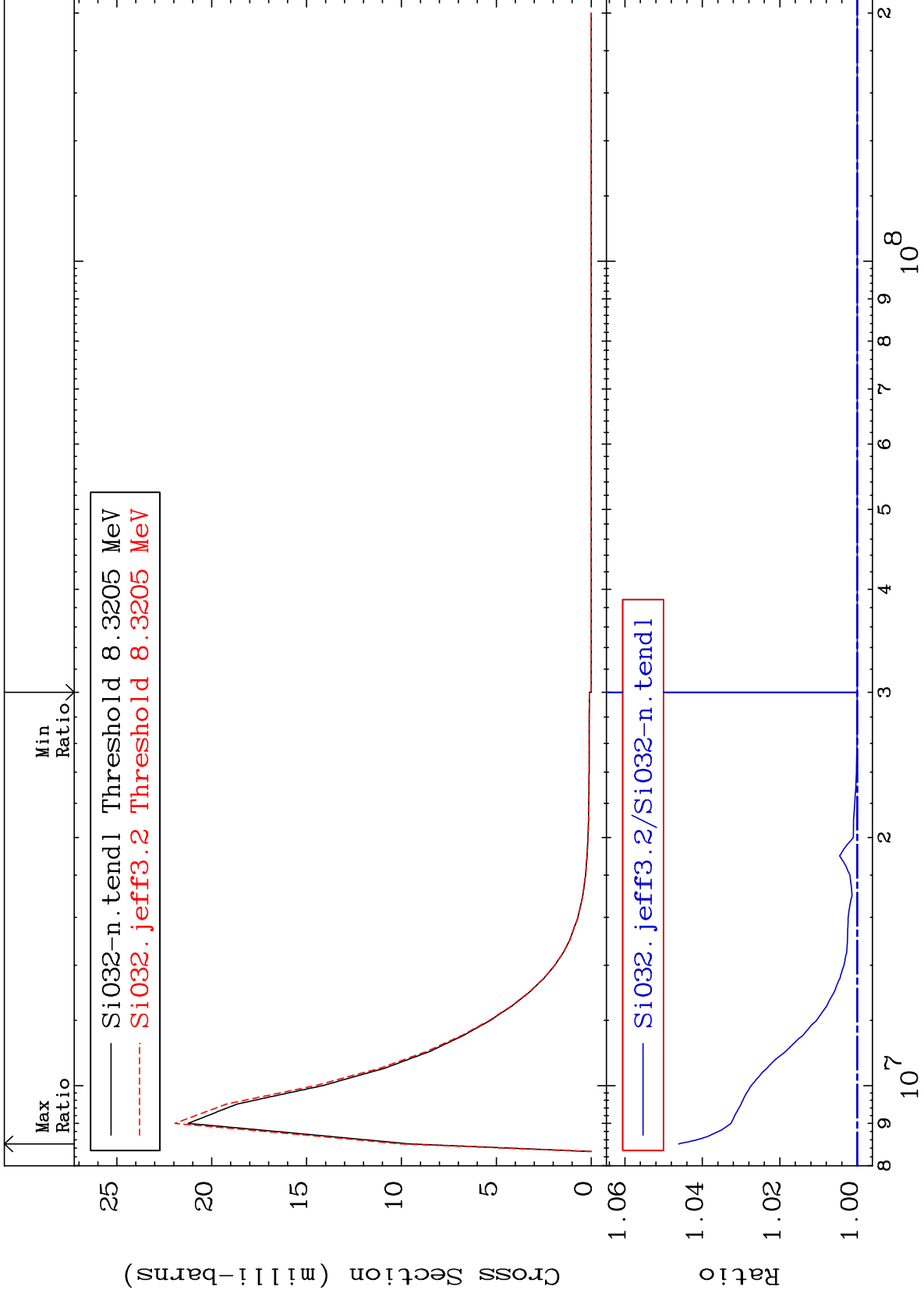
Incident Energy (eV)

14-Si-32

MAT 1437

8.066 MeV (n,n') Level
Cross Section

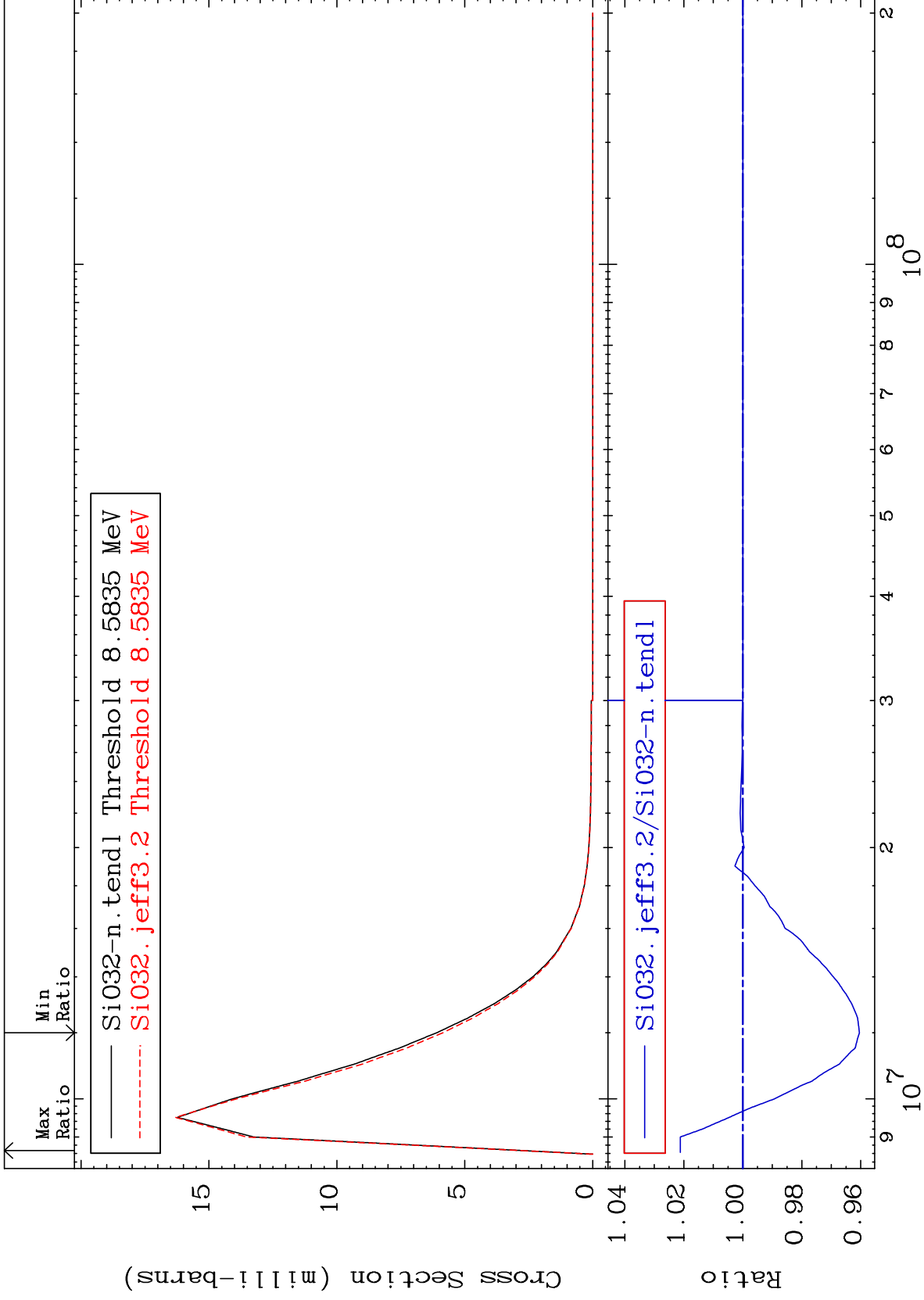
14-Si-32
0.000 To 4.611 %



MAT 1437

8.321 MeV (n,n') Level
Cross Section

14-Si-32
-3.955 To 2.117 %



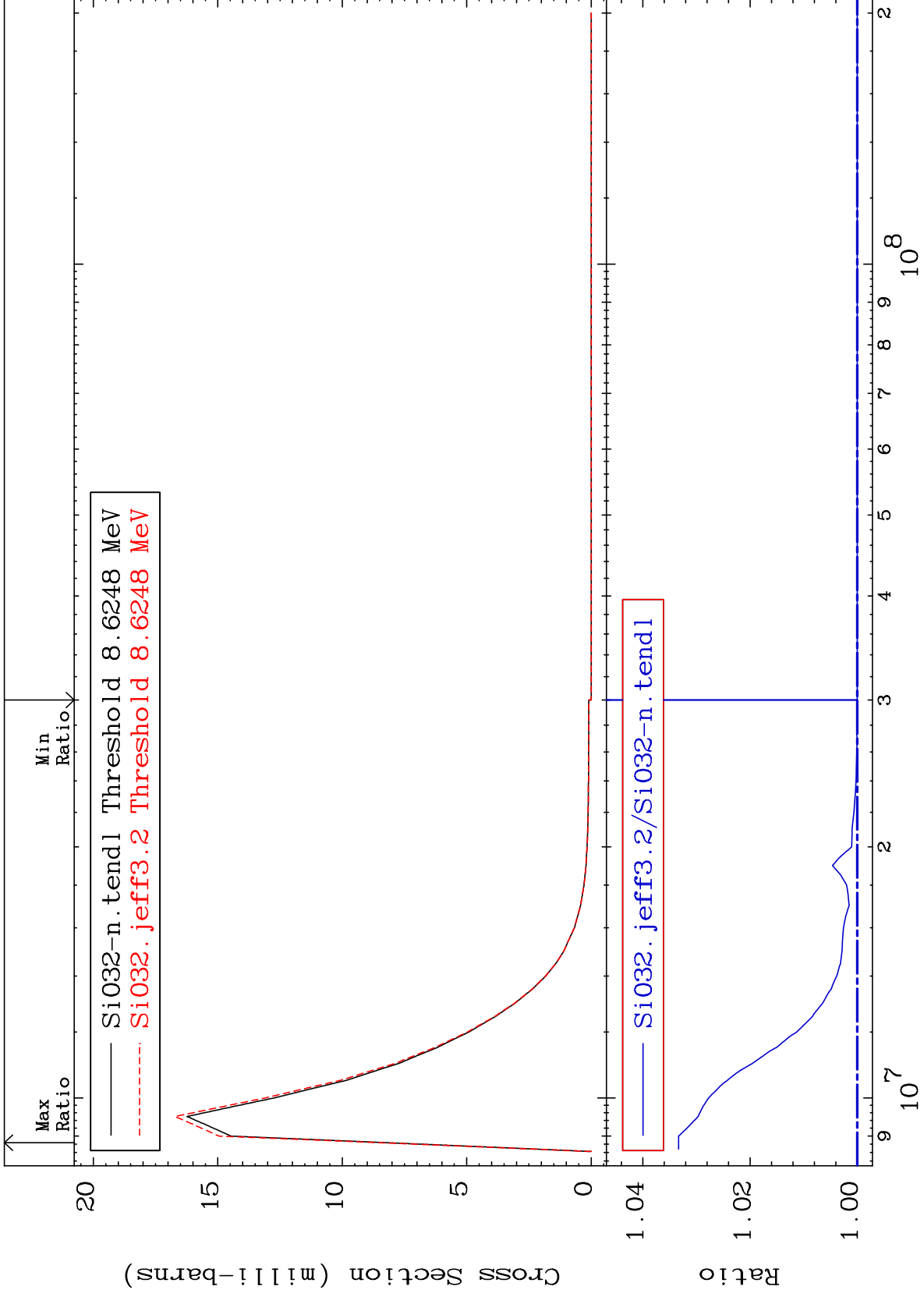
42

14-Si-32

MAT 1437

8.361 MeV (n,n') Level
Cross Section

14-Si-32
0.000 To 3.332 %



43

Incident Energy (eV)

14-Si-32

MAT 1437

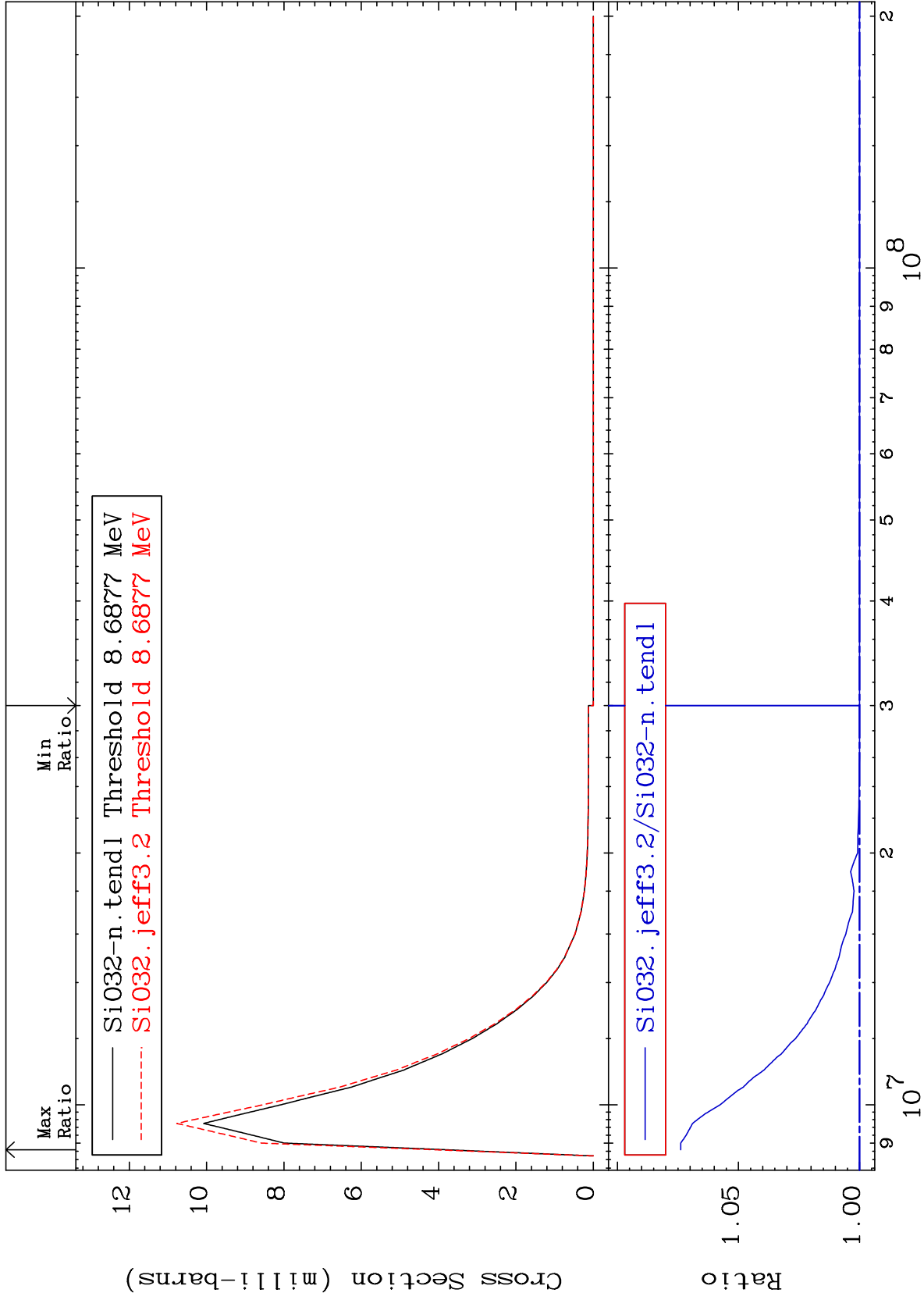
8.422 MeV (n,n') Level

14-Si-32

Cross Section

0.000

To 7.383 %



44

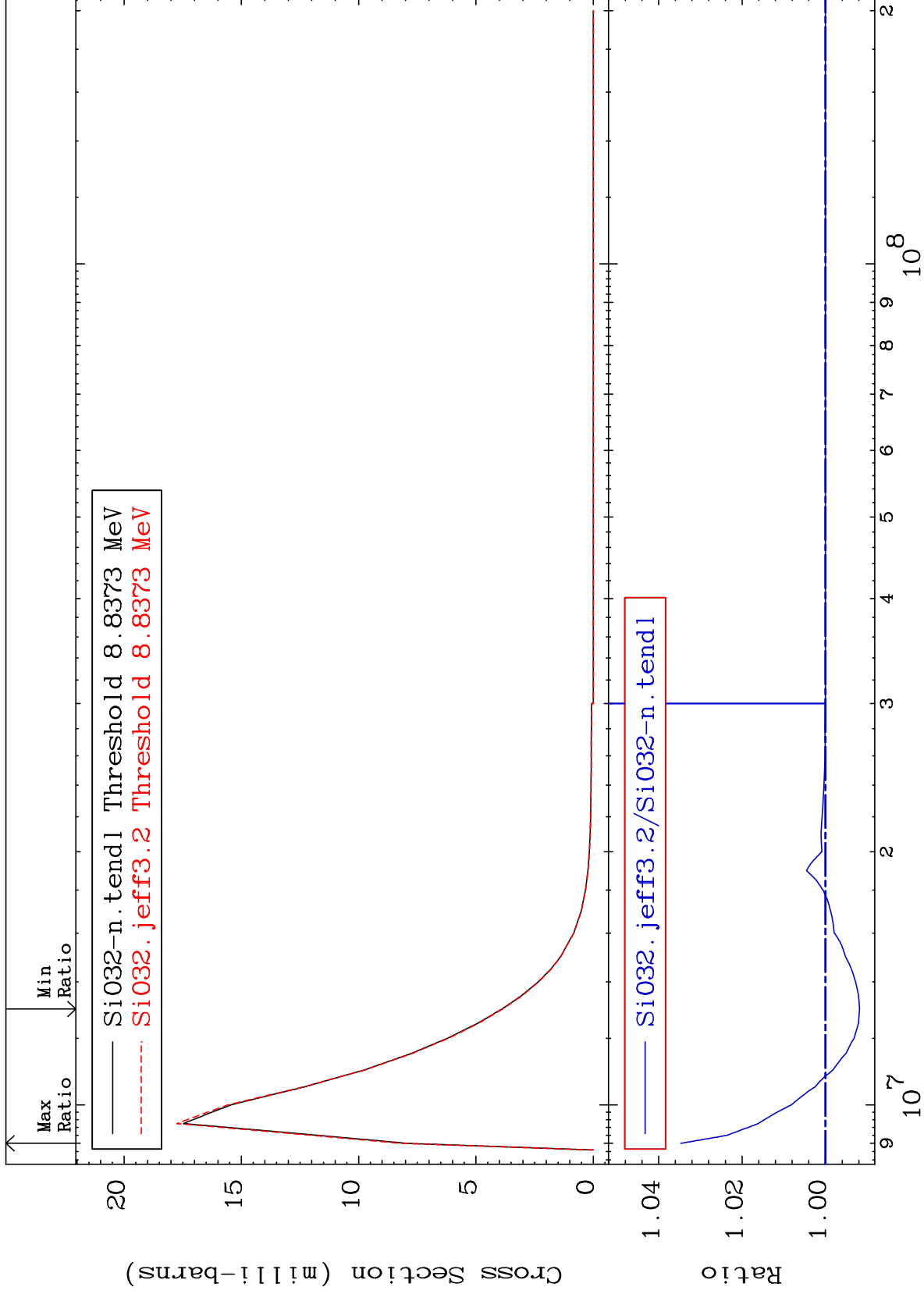
Incident Energy (eV)

14-Si-32

MAT 1437

8.567 MeV (n,n') Level
Cross Section

14-Si-32
-0.817 To 3.470 %



45

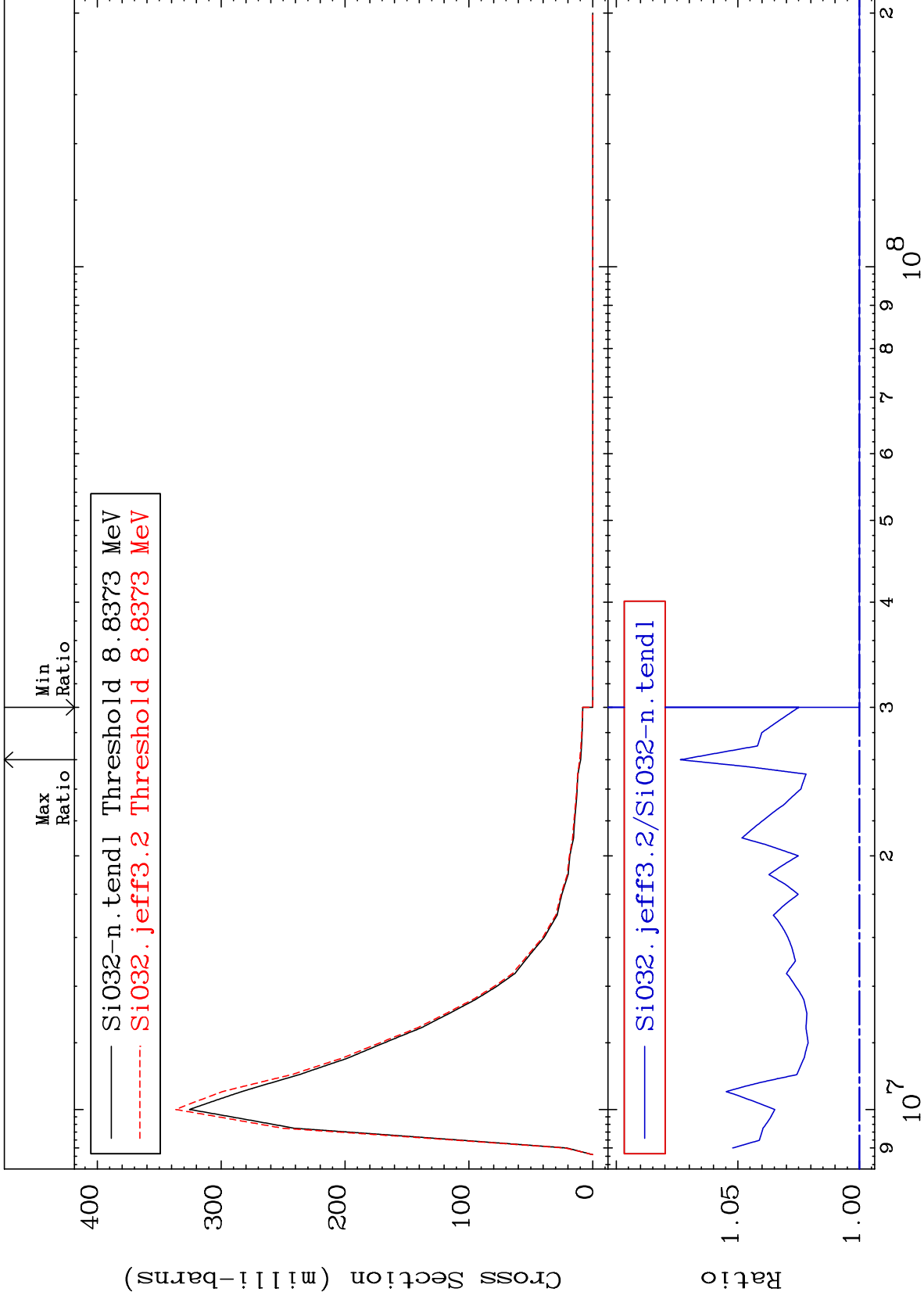
14-Si-32

14-Si-32

MAT 1437

(n, n') Continuum
Cross Section

14-Si-32
0.000 To 7.363 %



46

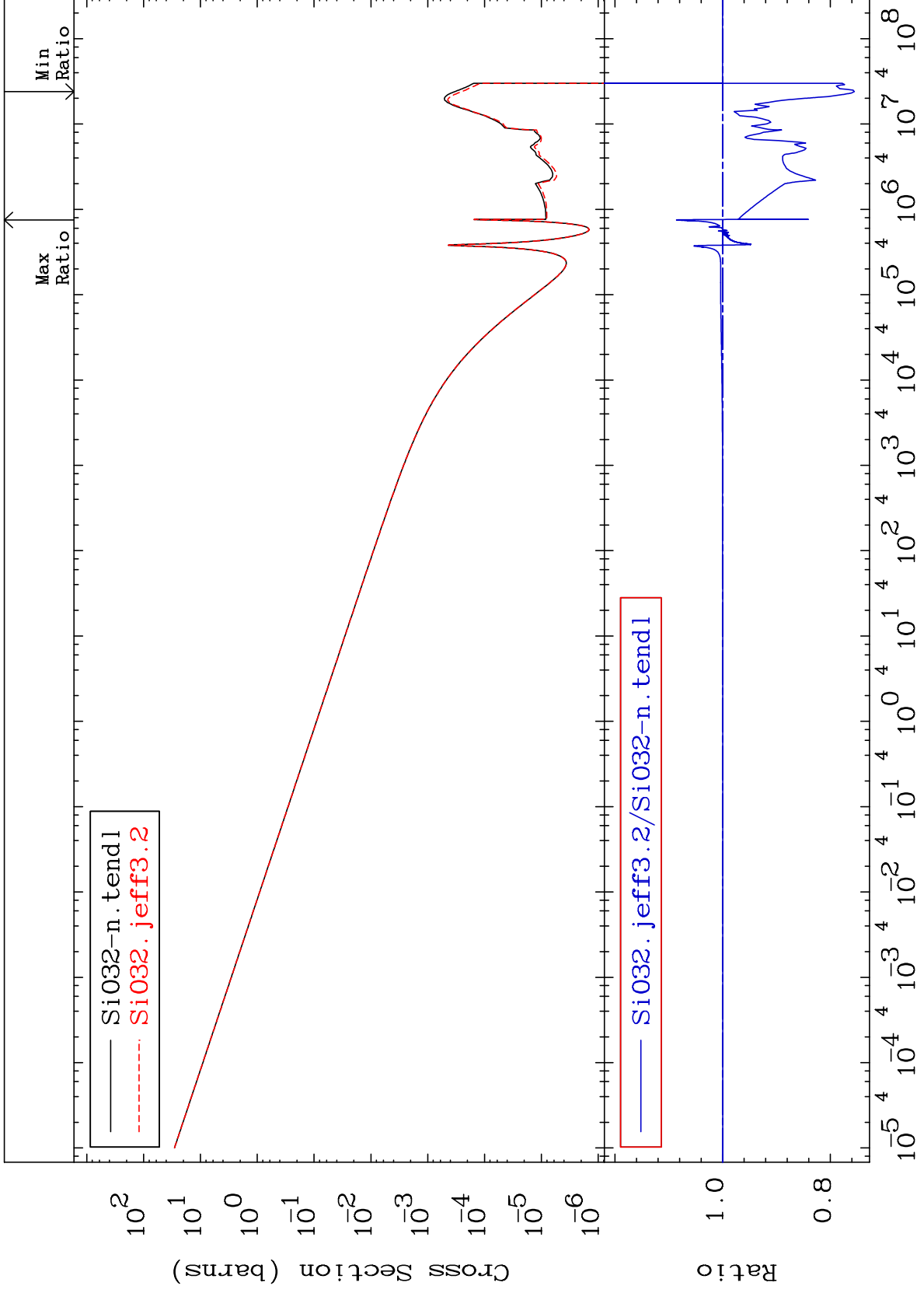
Incident Energy (eV)

14-Si-32

MAT 1437

(n, γ)
Cross Section

14-Si-32
-24.45 To 8.591 %



47

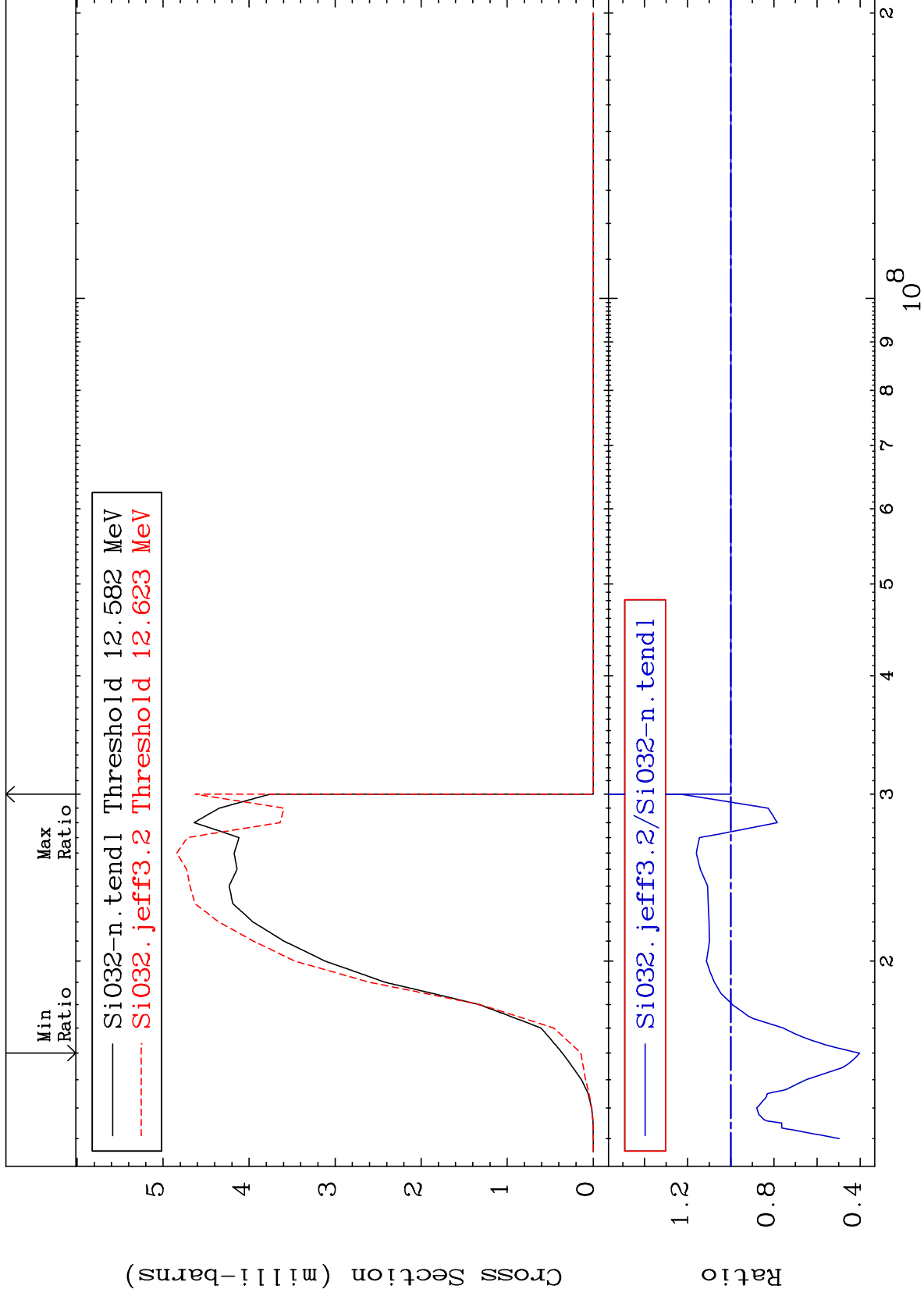
Incident Energy (eV)

14-Si-32

MAT 1437

(n,p)
Cross Section

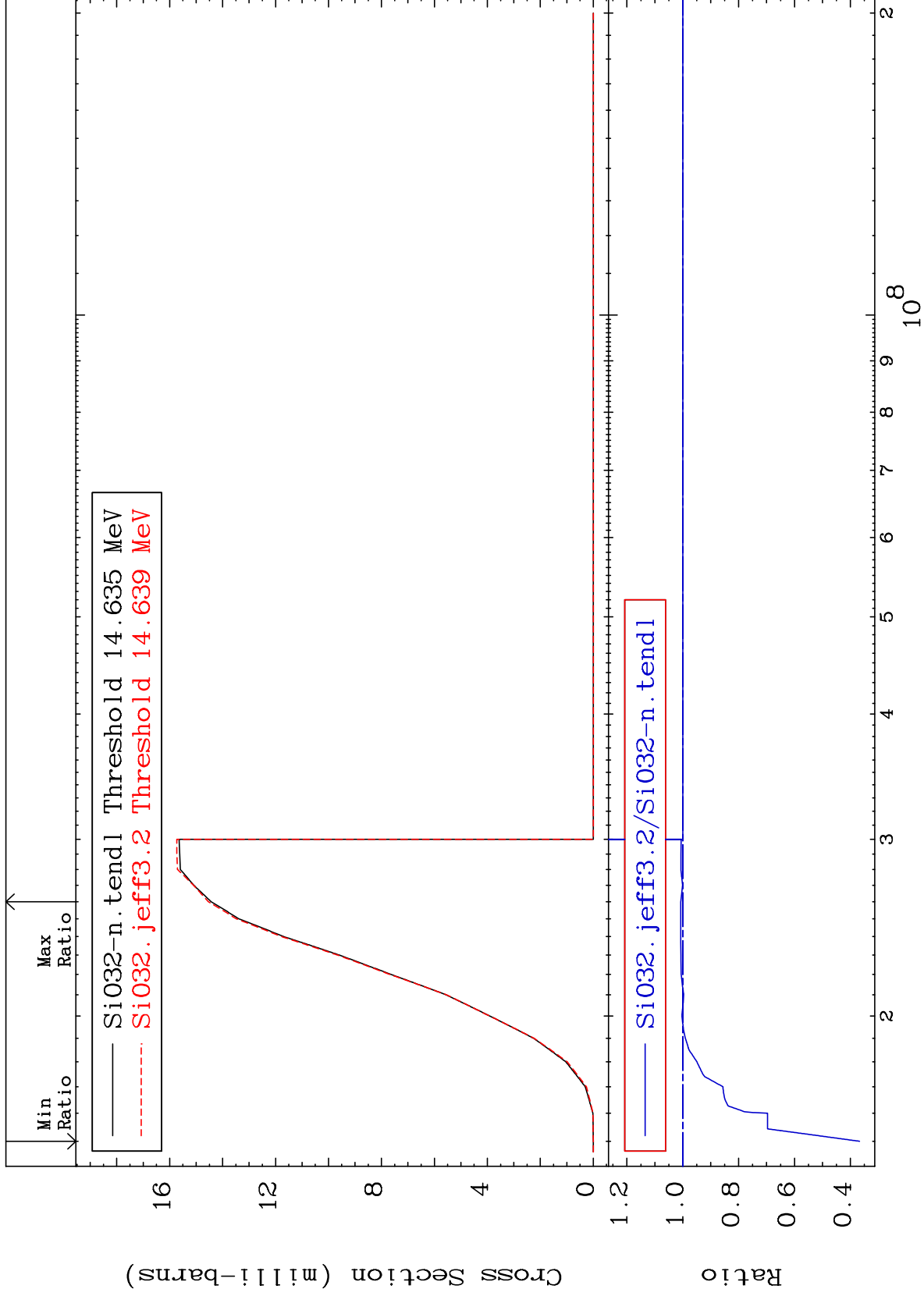
14-Si-32
-59.67 To 23.19 %



MAT 1437

(n, d)
Cross Section

14-Si-32
-63.28 To 0.716 %



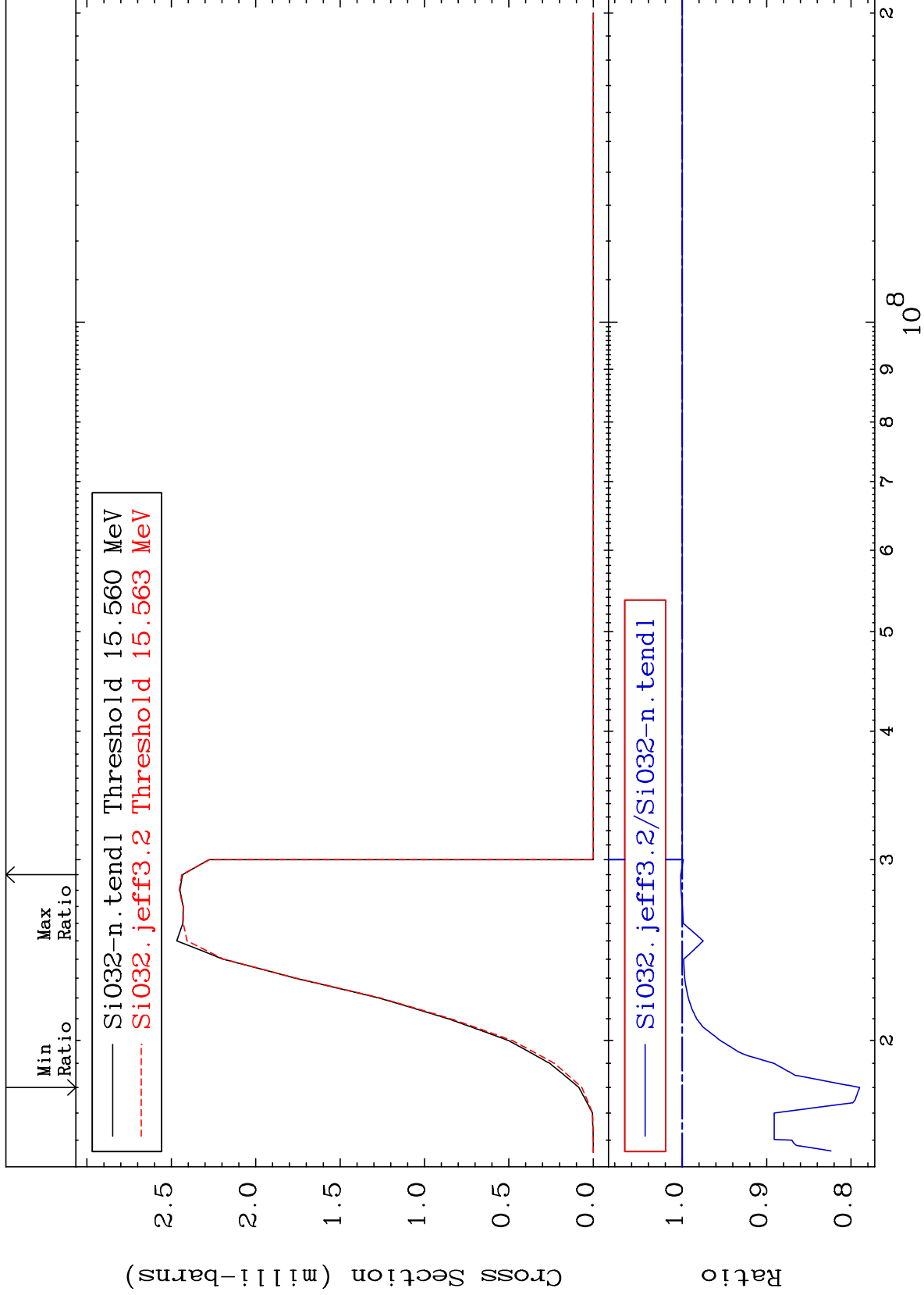
MAT 1437

(n, t)

14-Si-32

Cross Section

-21.02 To 0.175 %



MAT 1437

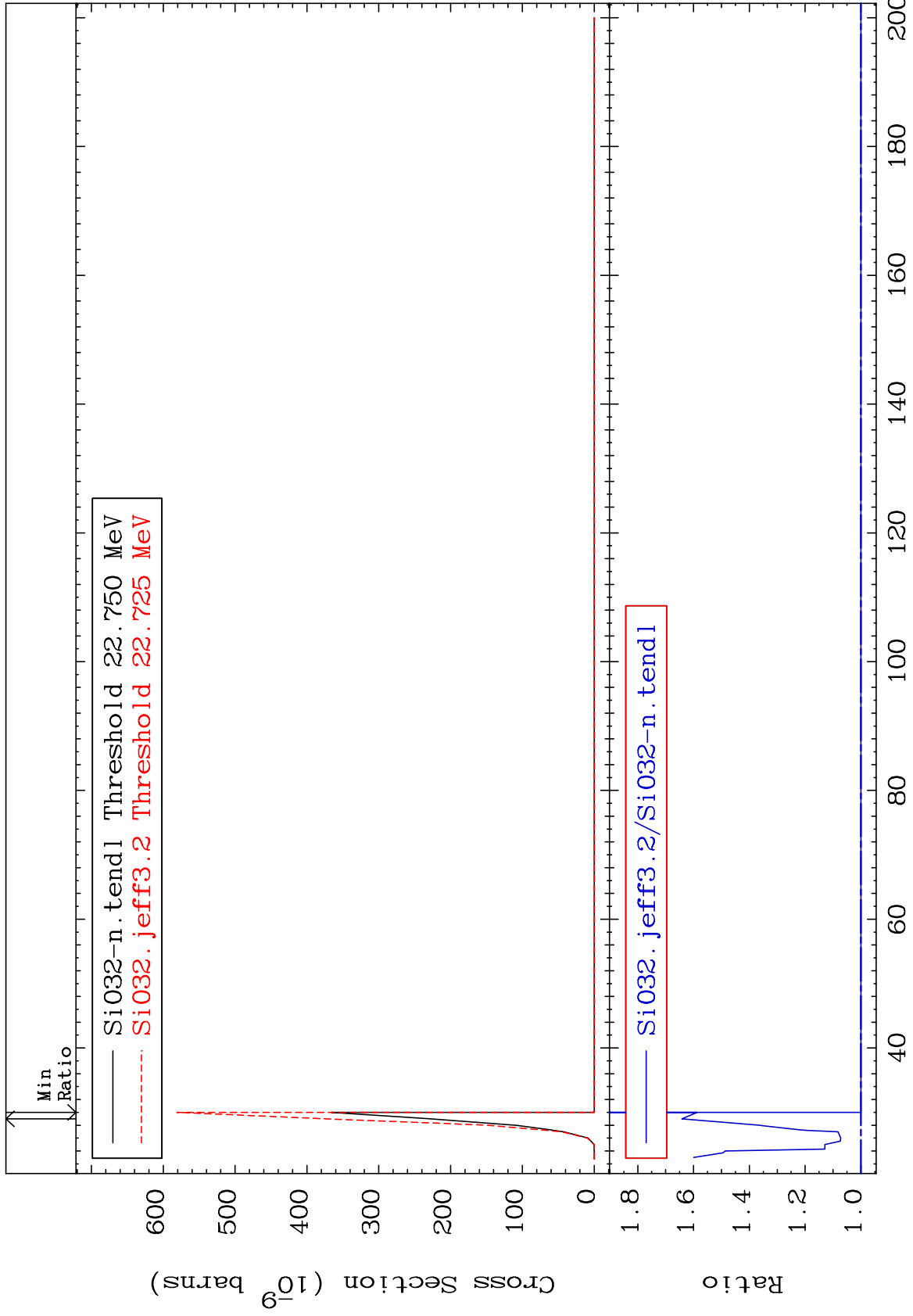
(n, He-3)

¹⁴Si-32

Cross Section

0.000

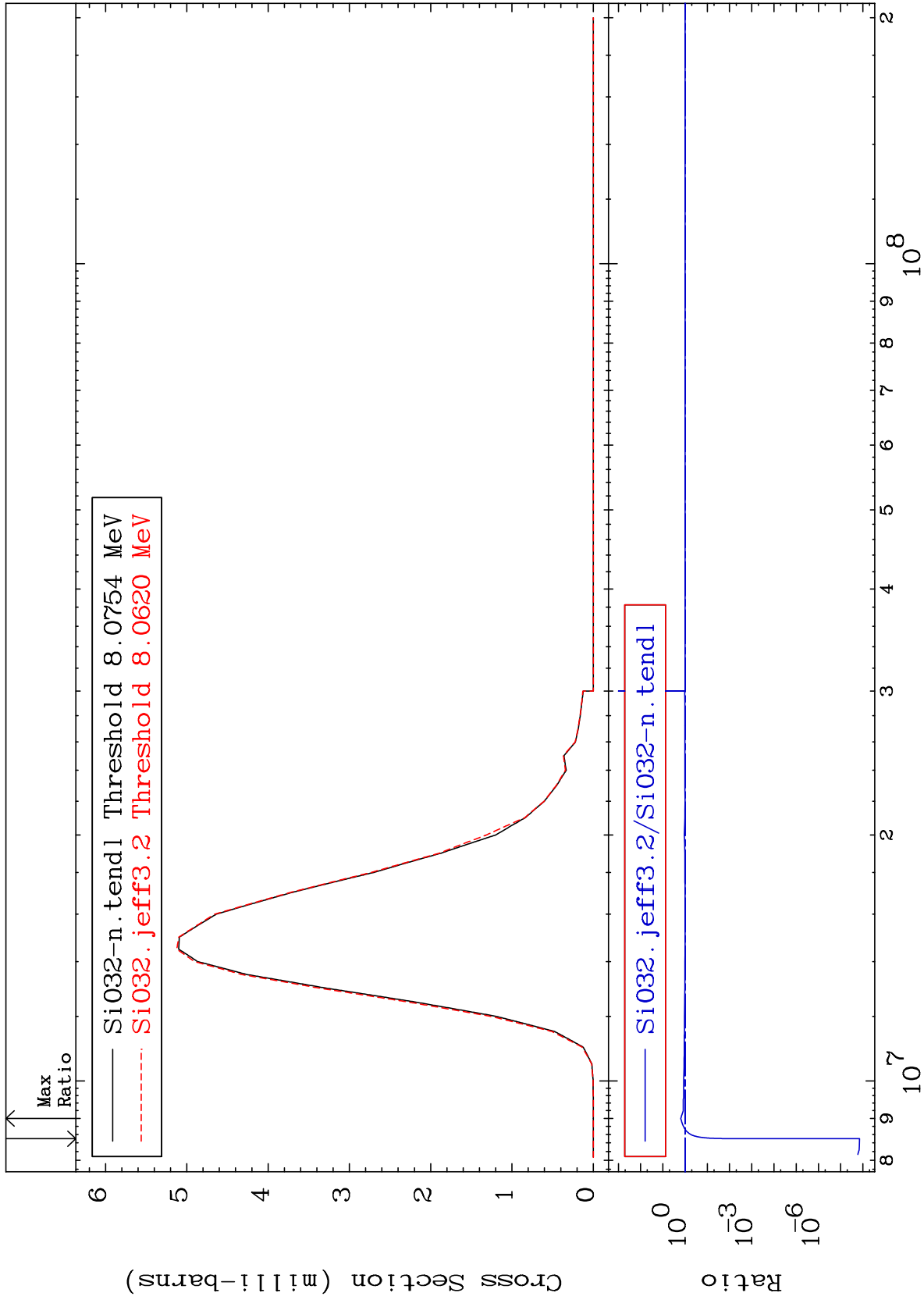
To 64.18 %



MAT 1437

(n, α)
Cross Section

14-Si-32
-100.0 To 55.98 %



MAT 1437

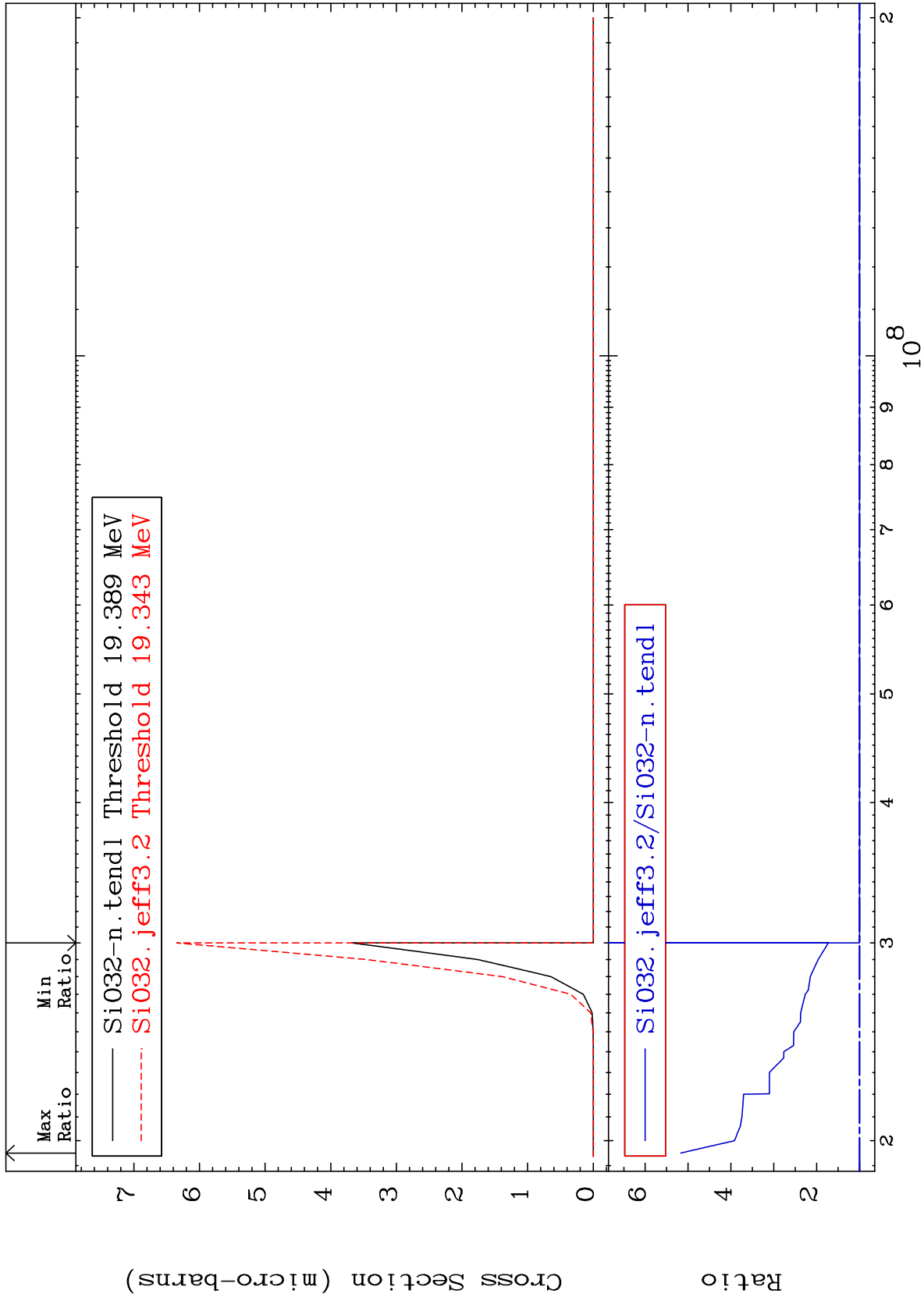
(n,2α)

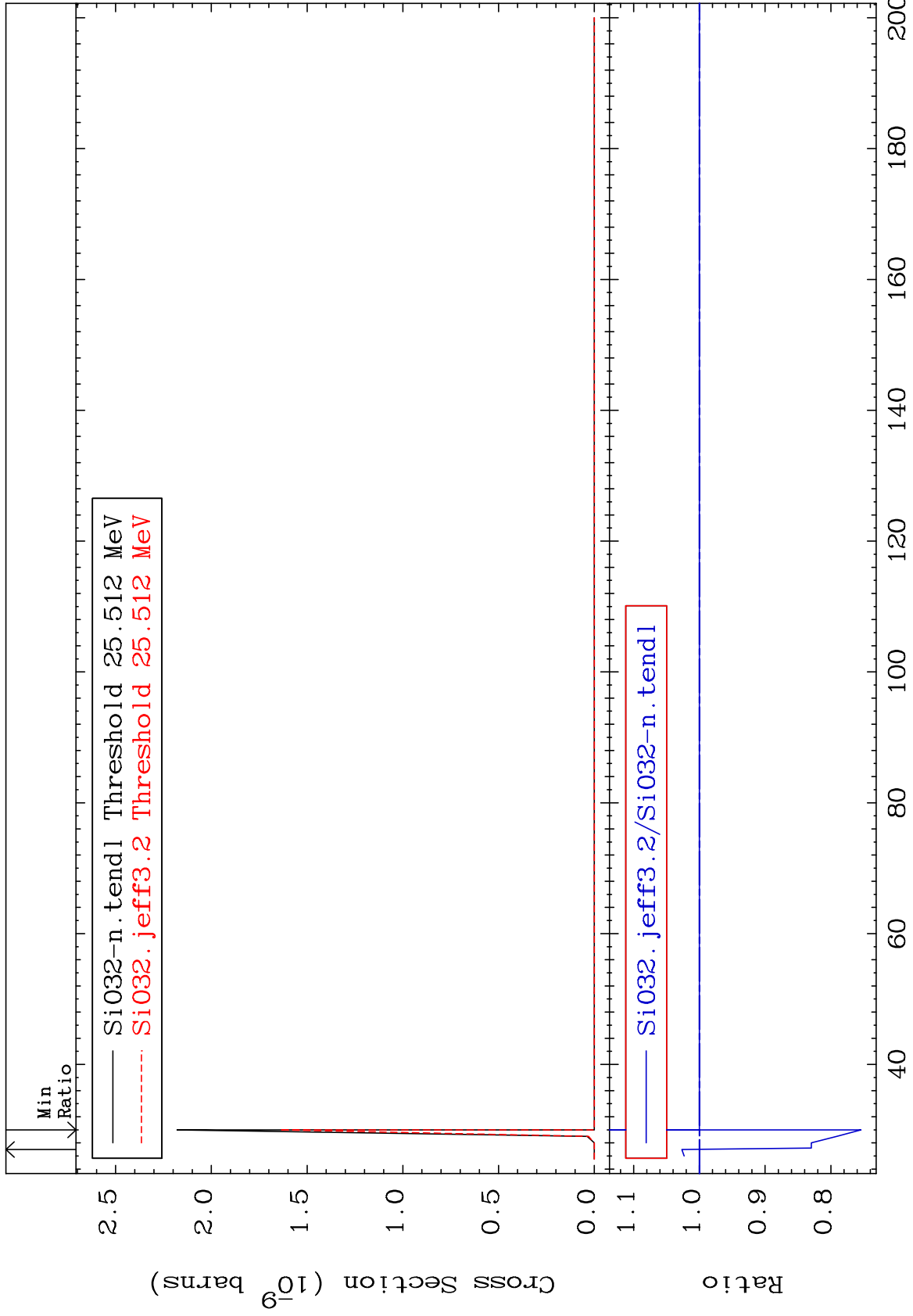
14-Si-32

Cross Section

0.000

To 417.1 %

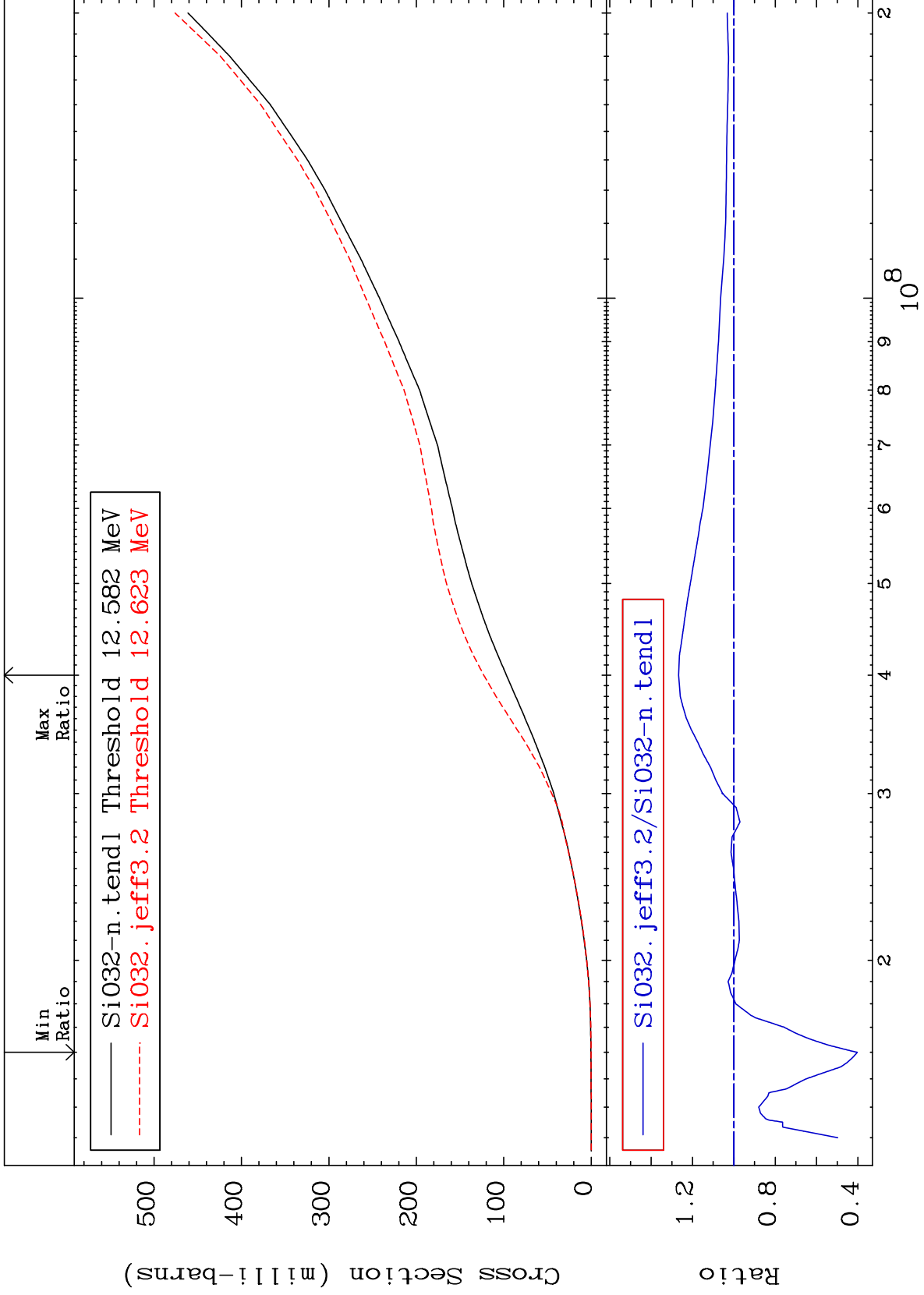


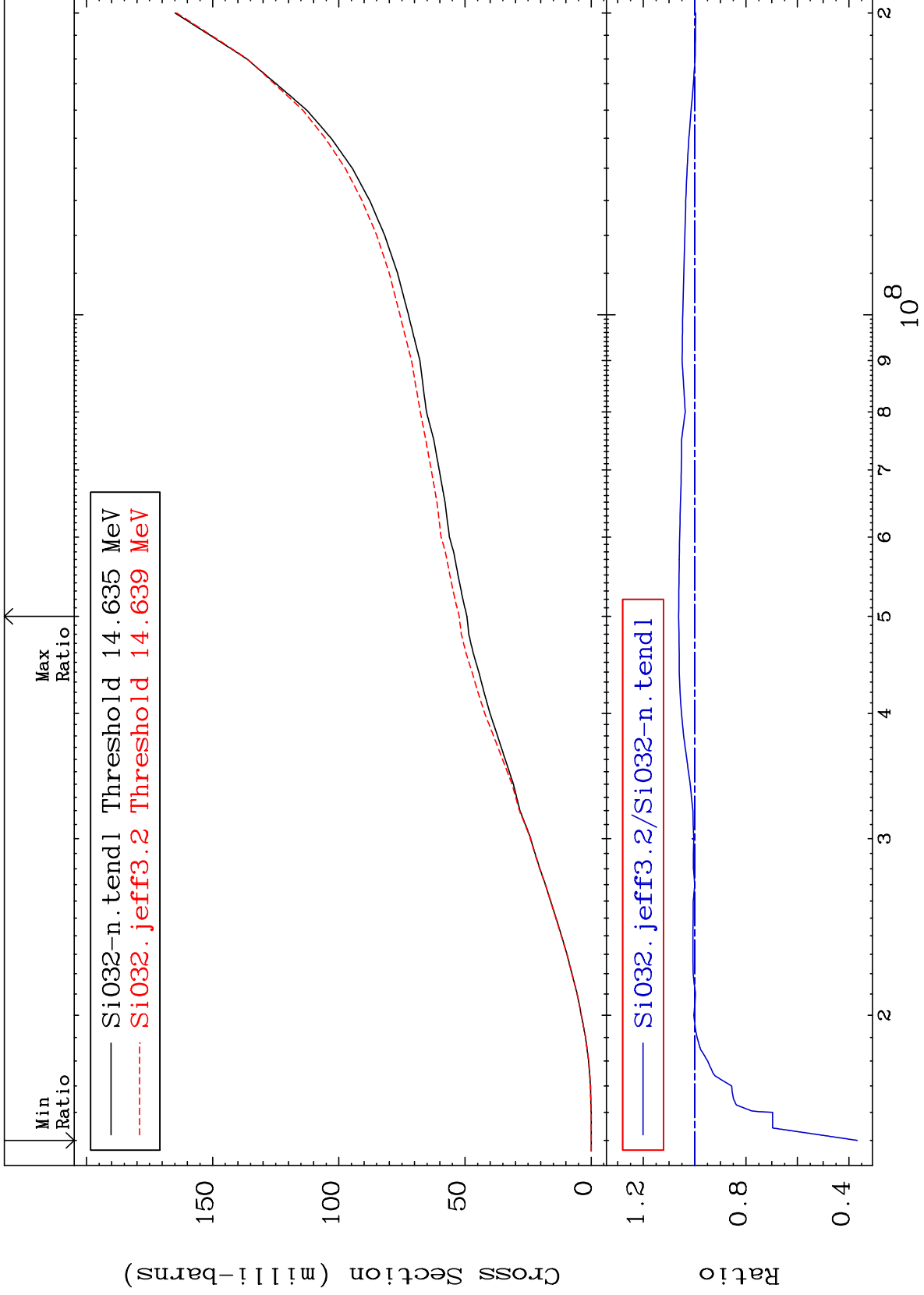


MAT 1437

Hydrogen Production
Cross Section

14-Si-32
-59.67 To 26.71 %

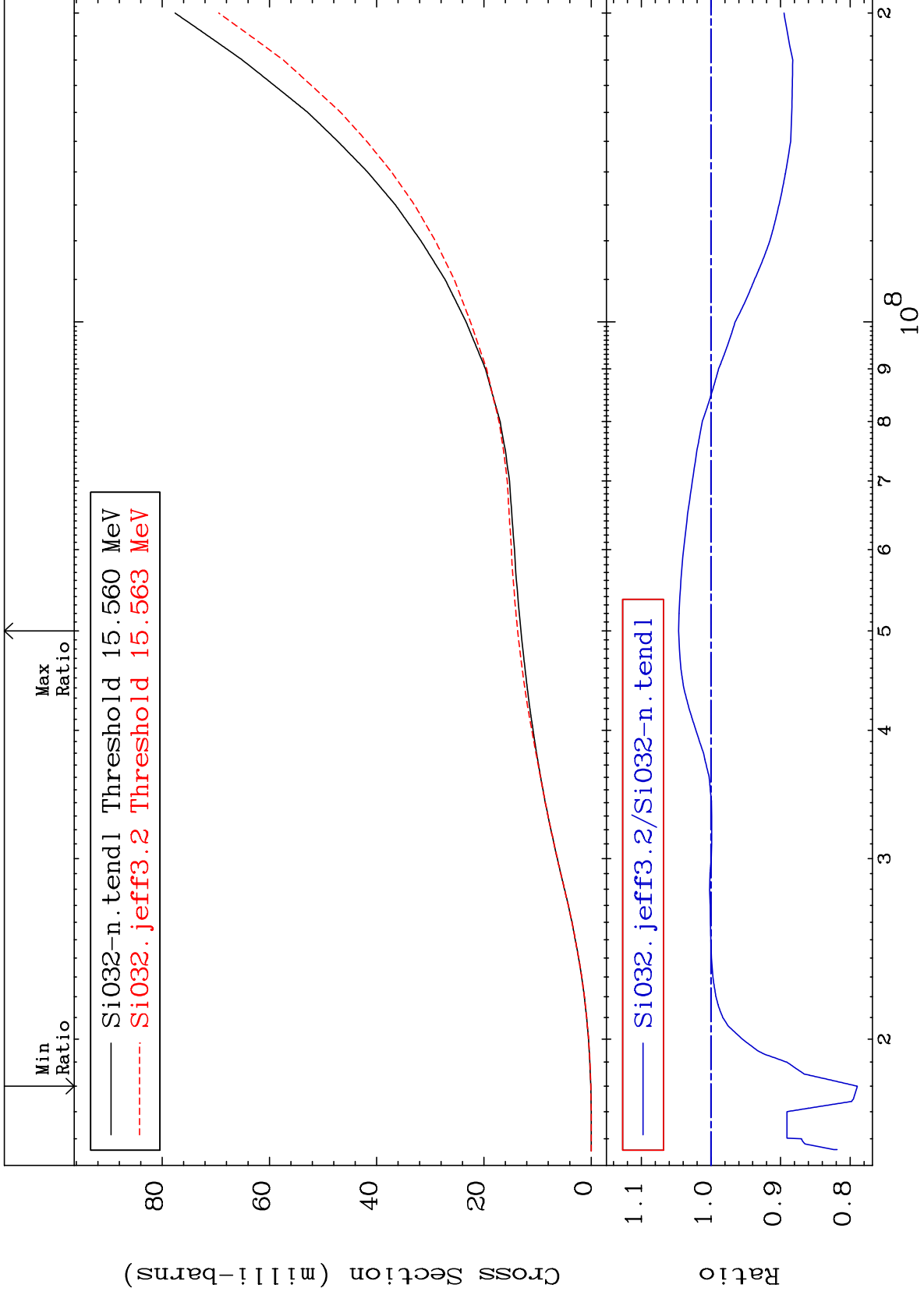




MAT 1437

Tritium Production
Cross Section

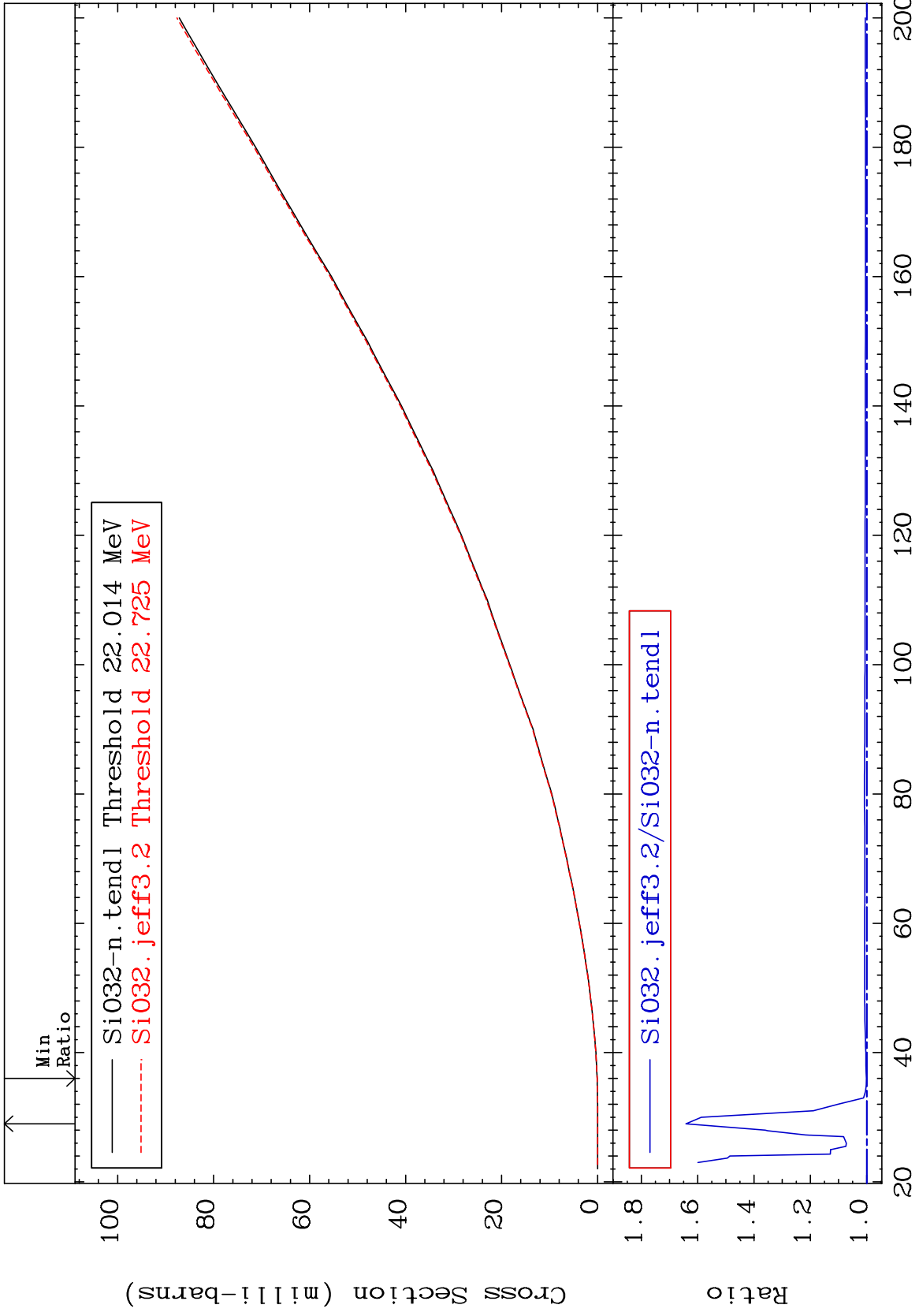
14-Si-32
-21.02 To 4.644 %



MAT 1437

He-3 Production
Cross Section

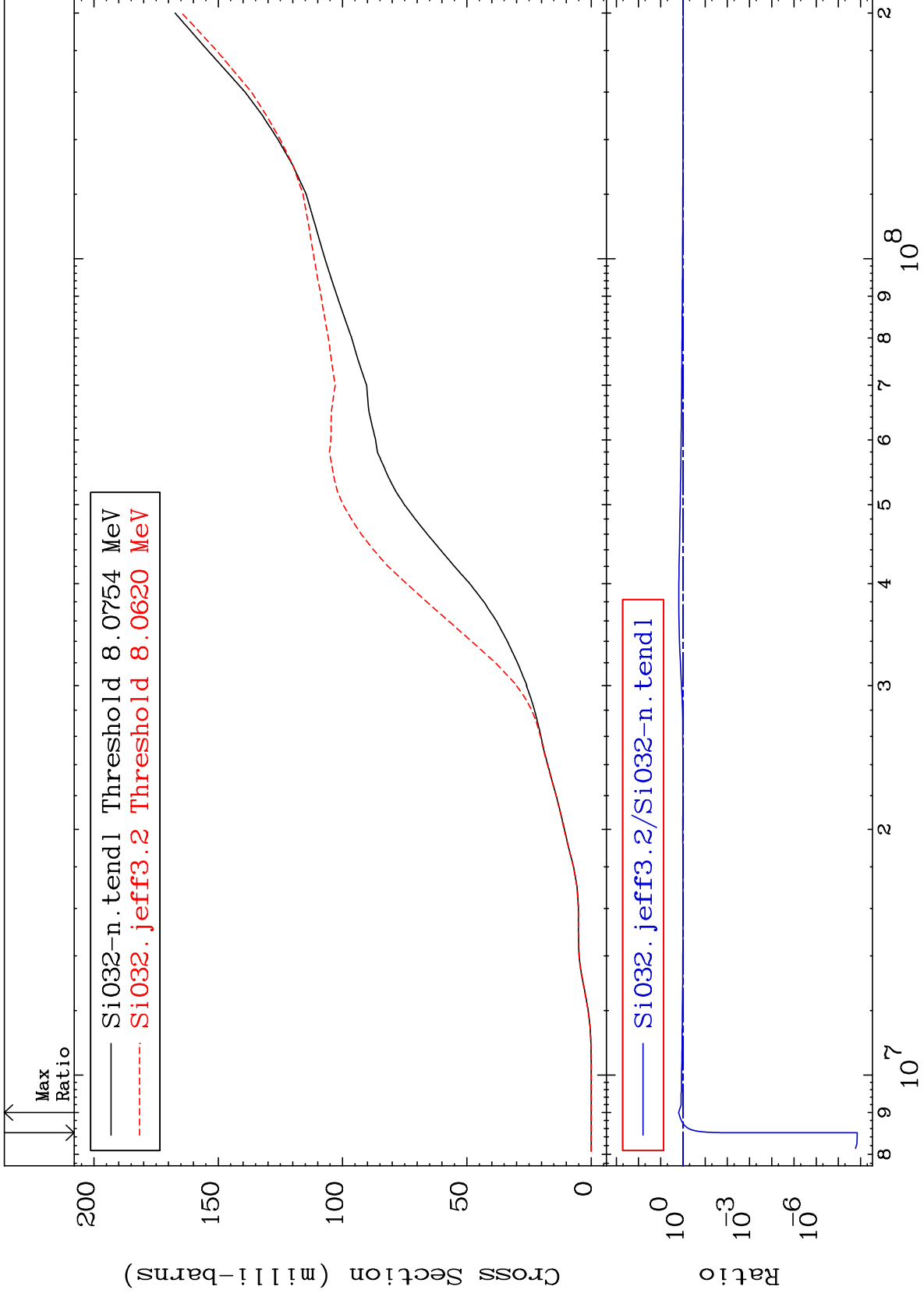
14-Si-32
0.105 To 64.18 %



MAT 1437

He-4 Production
Cross Section

14-Si-32
-100.0 To 55.98 %



59

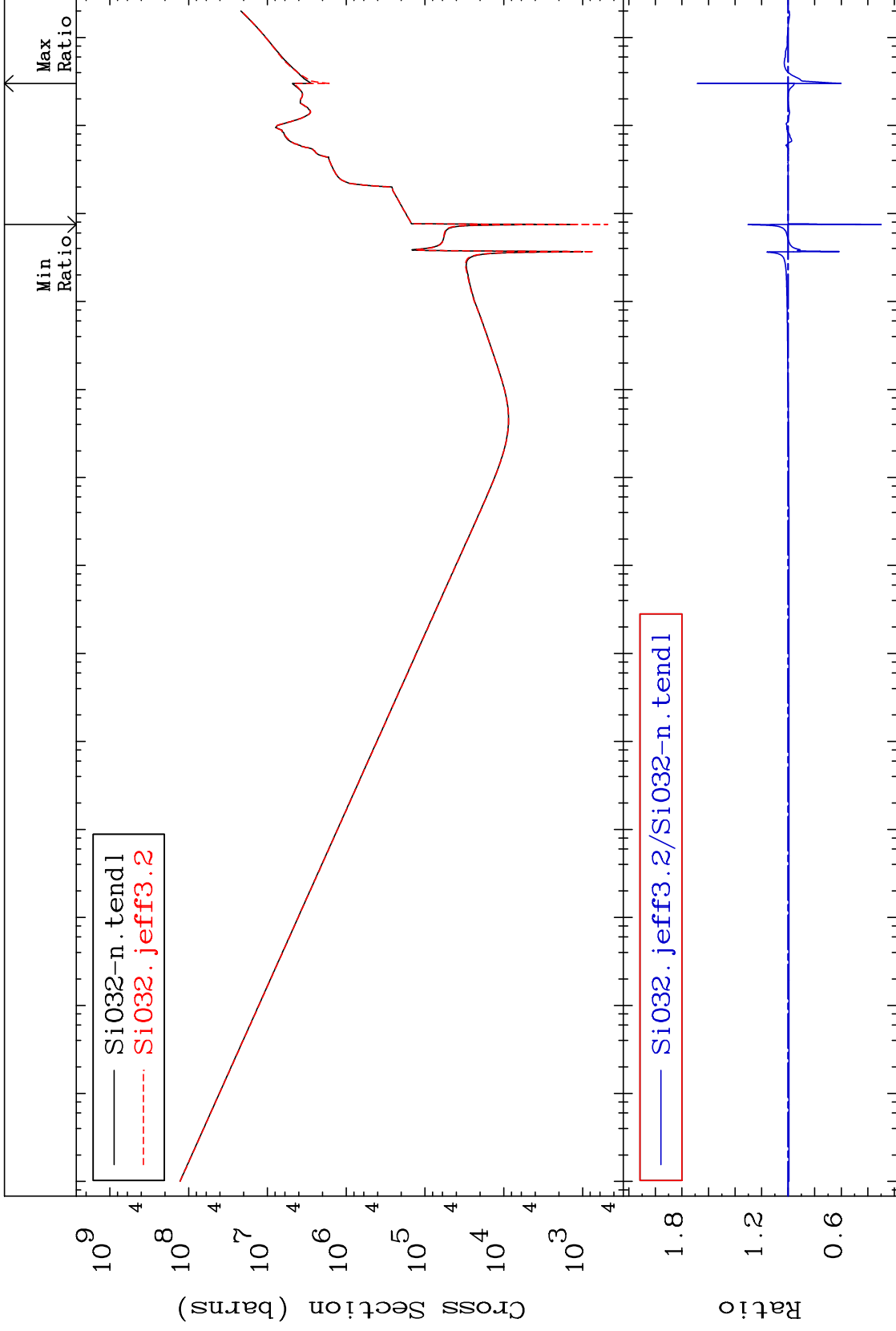
Incident Energy (eV)

14-Si-32

MAT 1437

Kerma total (eV-barns)
Cross Section

14-Si-32
-70.00 To 68.26 %



Incident Energy (eV)

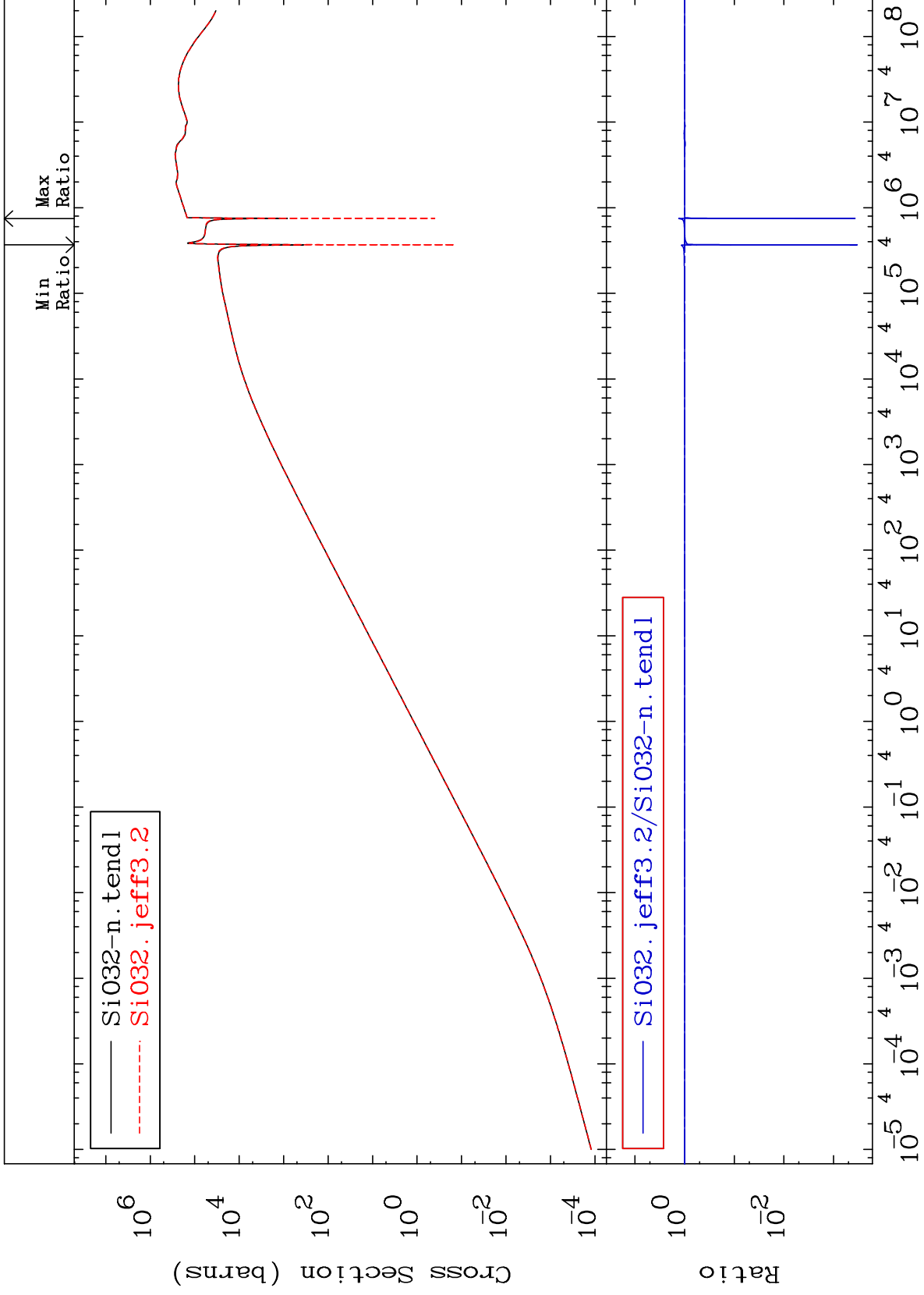
14-Si-32

60

MAT 1437

Kerma elastic
Cross Section

14-Si-32
-99.97 To 32.06 %



61

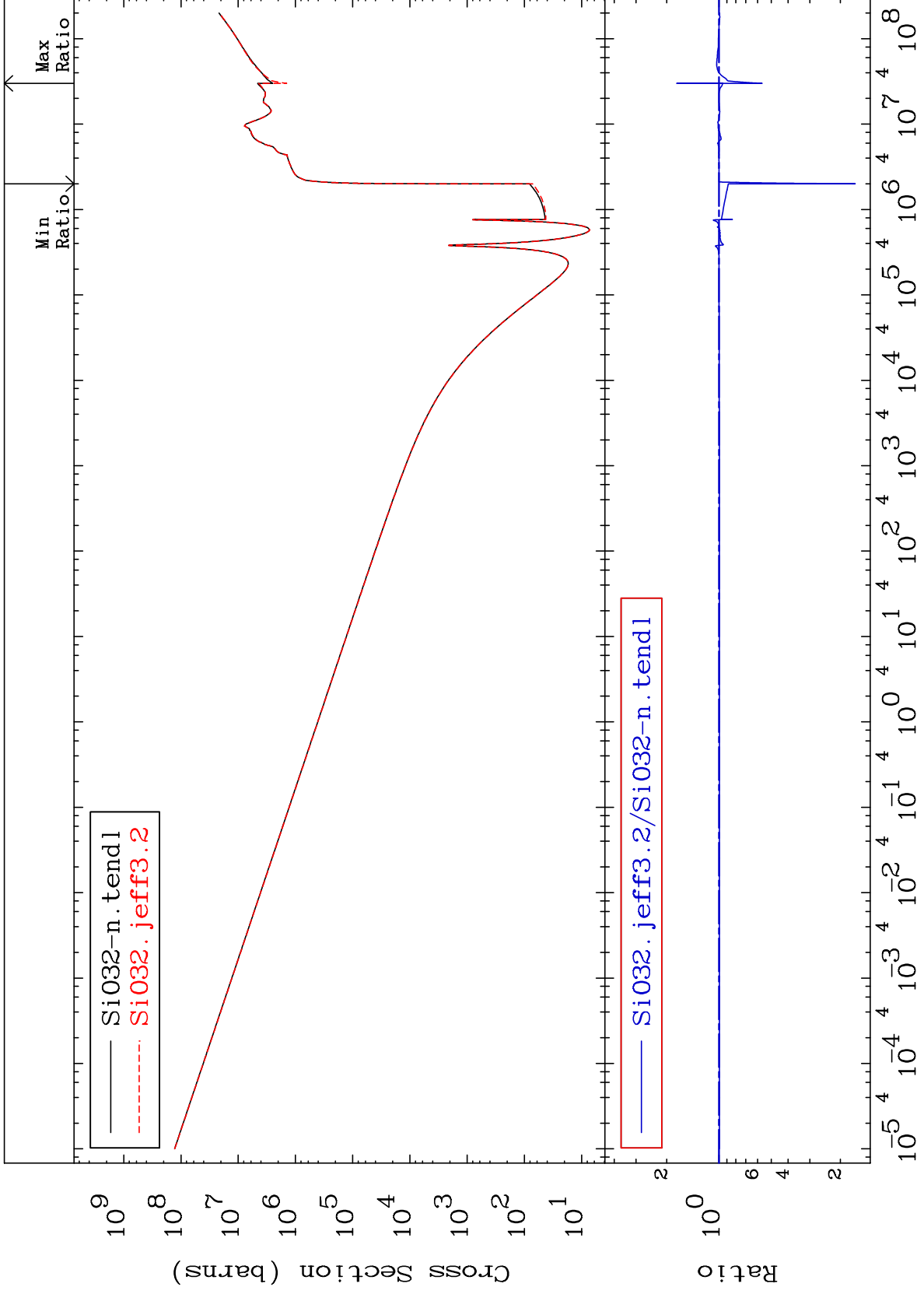
Incident Energy (eV)

14-Si-32

MAT 1437

Kerma non-elastic (all but mt2)
Cross Section

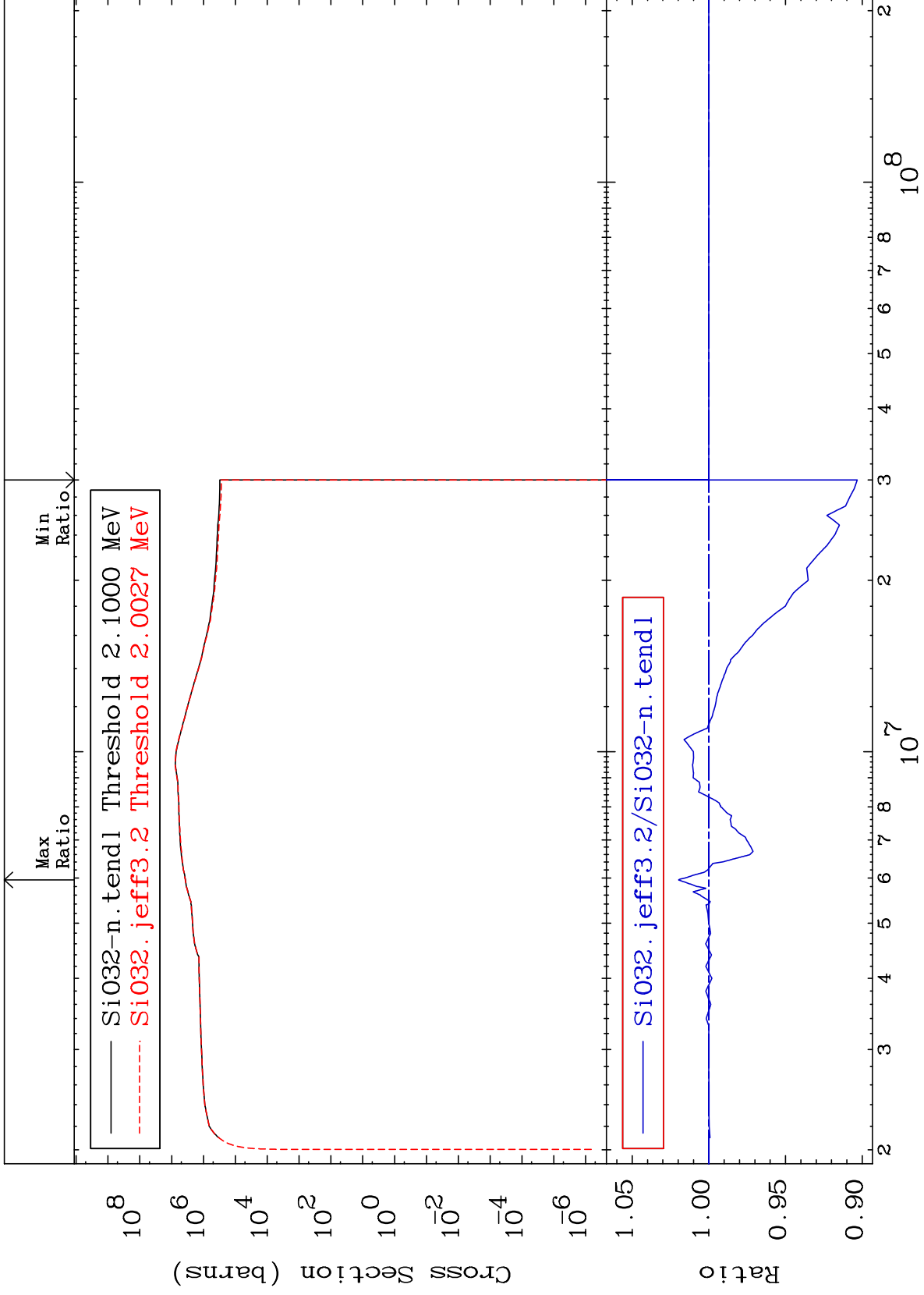
14-Si-32
-83.54 To 74.50 %



62

Incident Energy (eV)

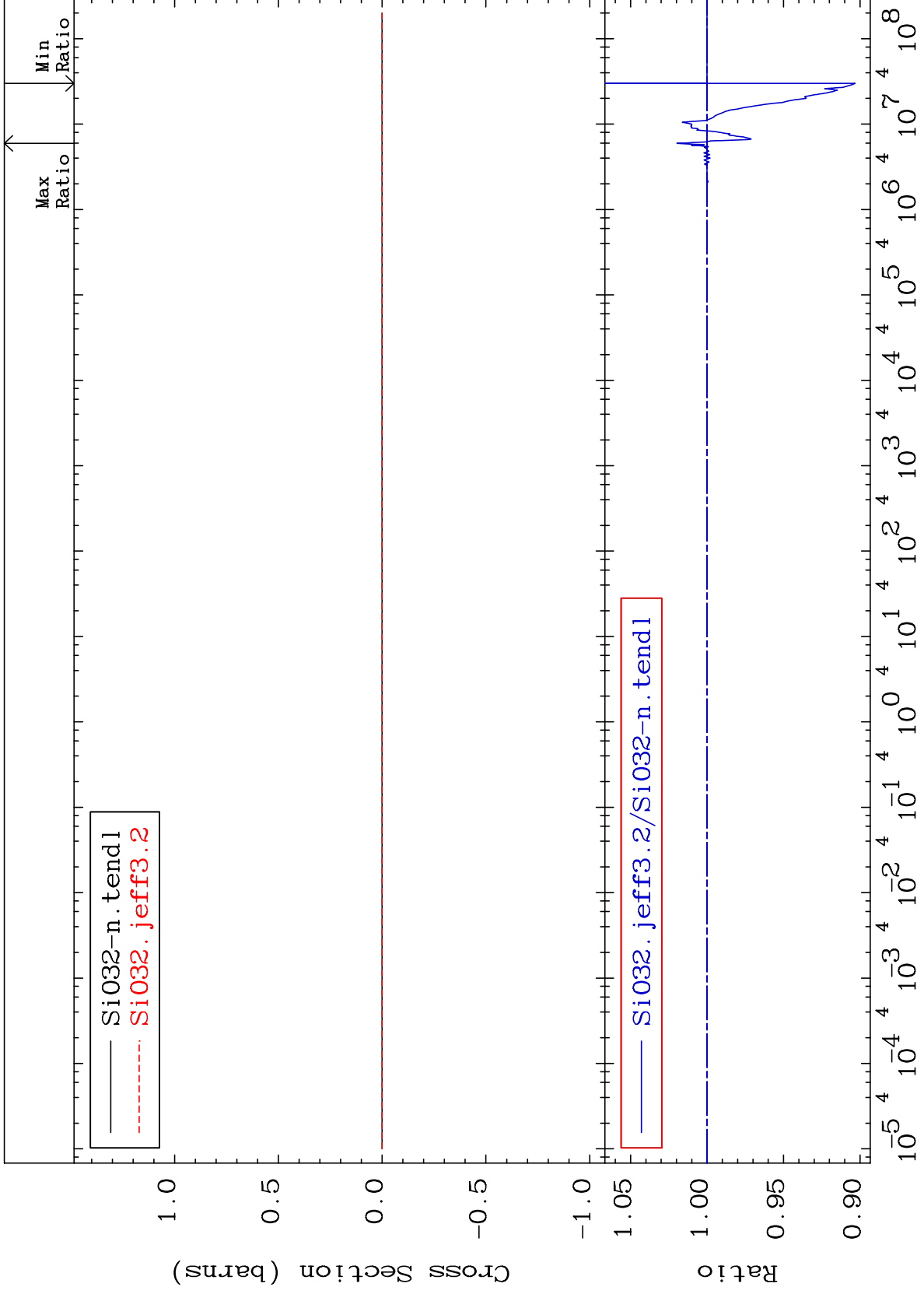
14-Si-32



MAT 1437

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

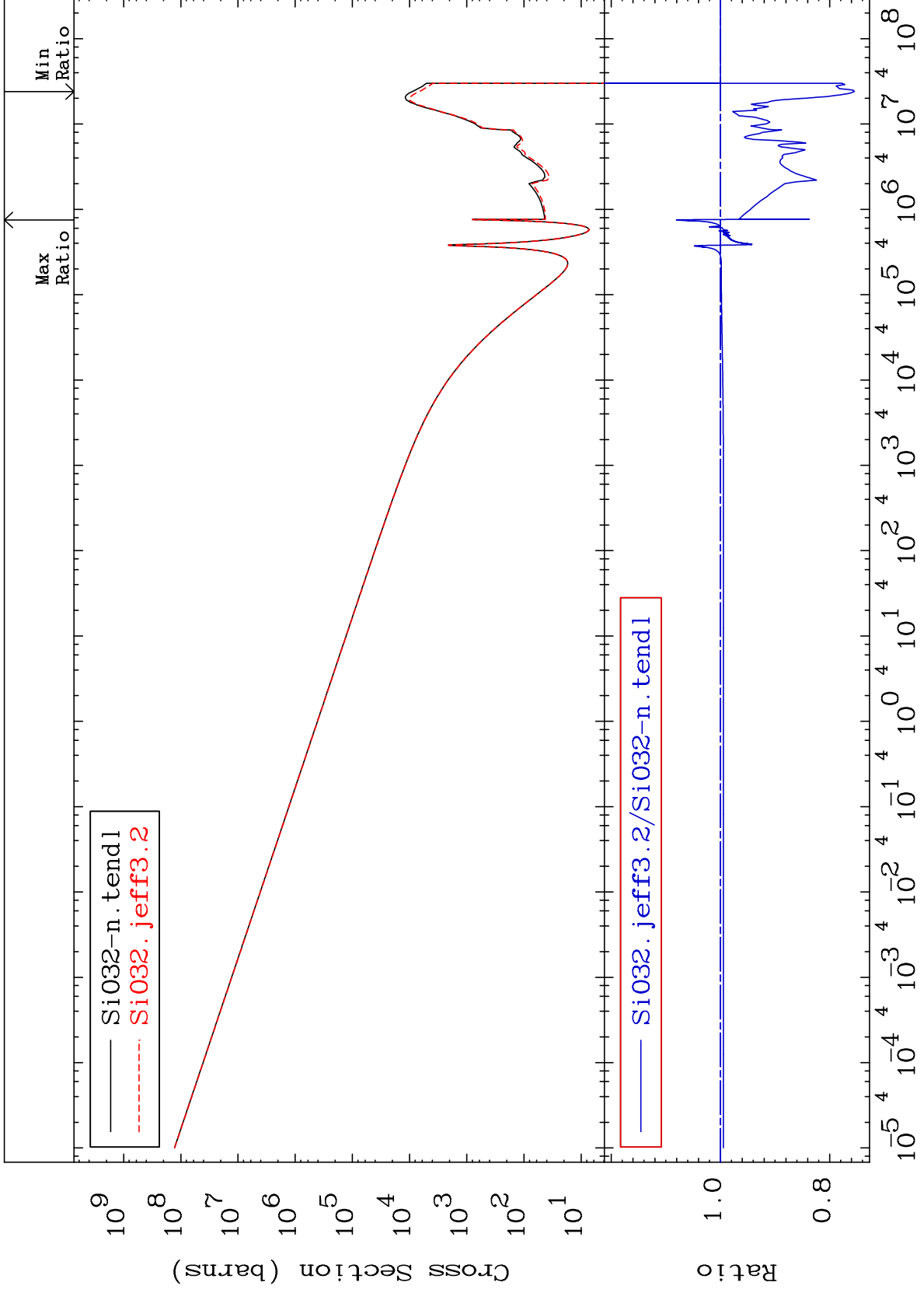
14-Si-32
-9.678 To 1.970 %



MAT 1437

Kerma capture (mt102)
Cross Section

14-Si-32
-24.52 To 8.071 %



65

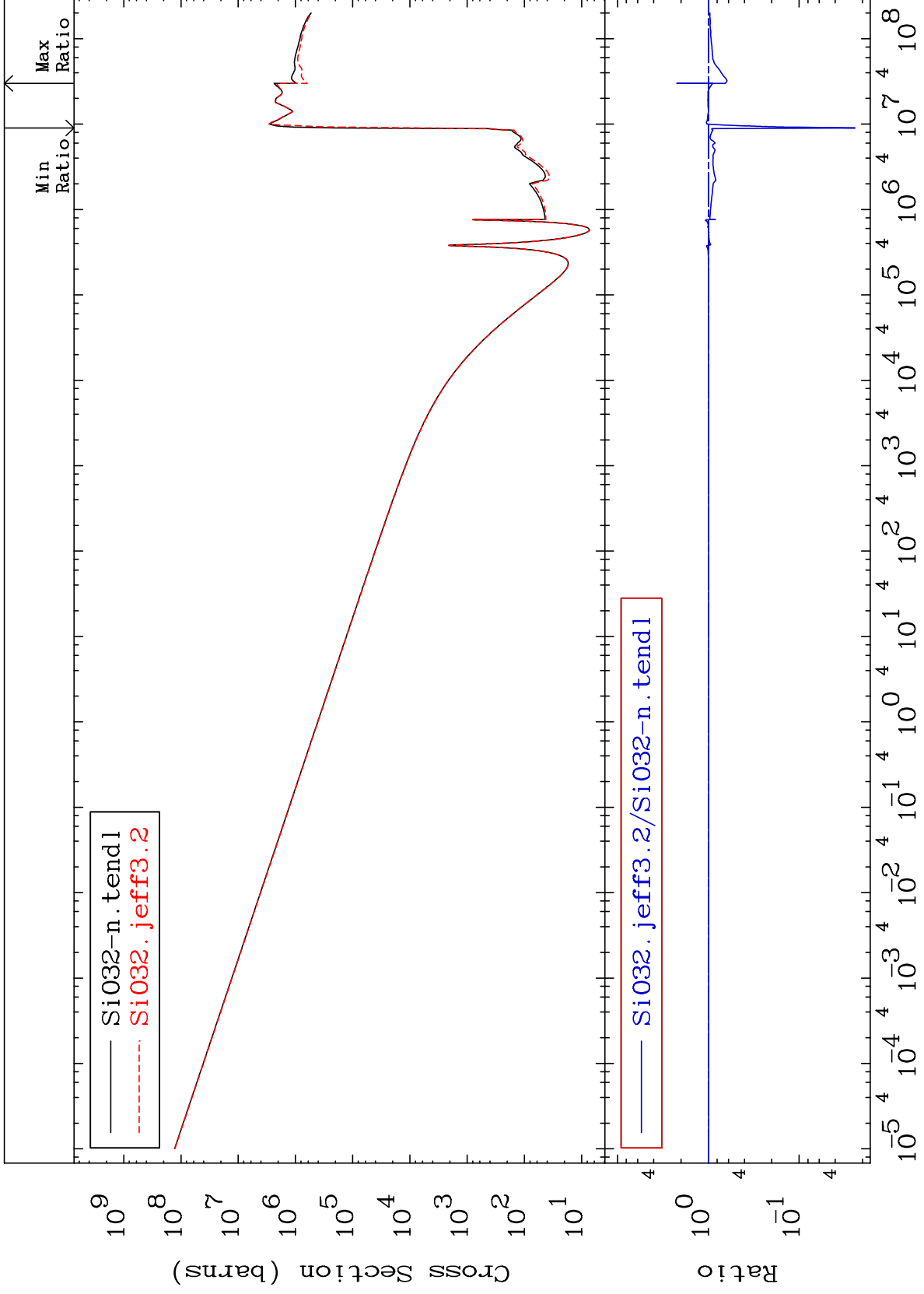
Incident Energy (eV)

14-Si-32

MAT 1437

Total photon (eV-barns)
Cross Section

14-Si-32
-97.58 To 121.8 %



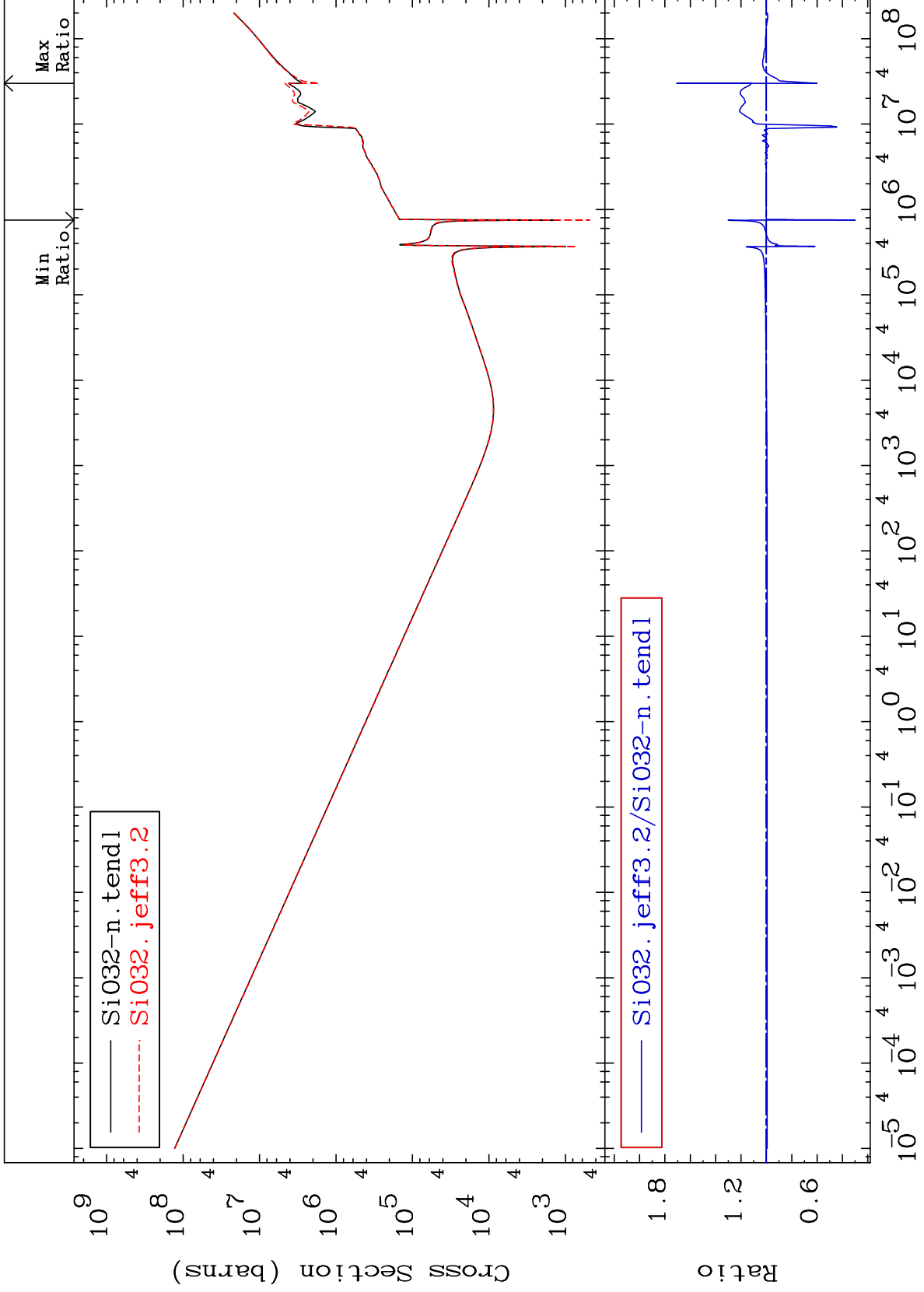
66

14-Si-32

MAT 1437

Total kinematic kerma (high limit)
Cross Section

14-Si-32
-70.00 To 70.55 %



67

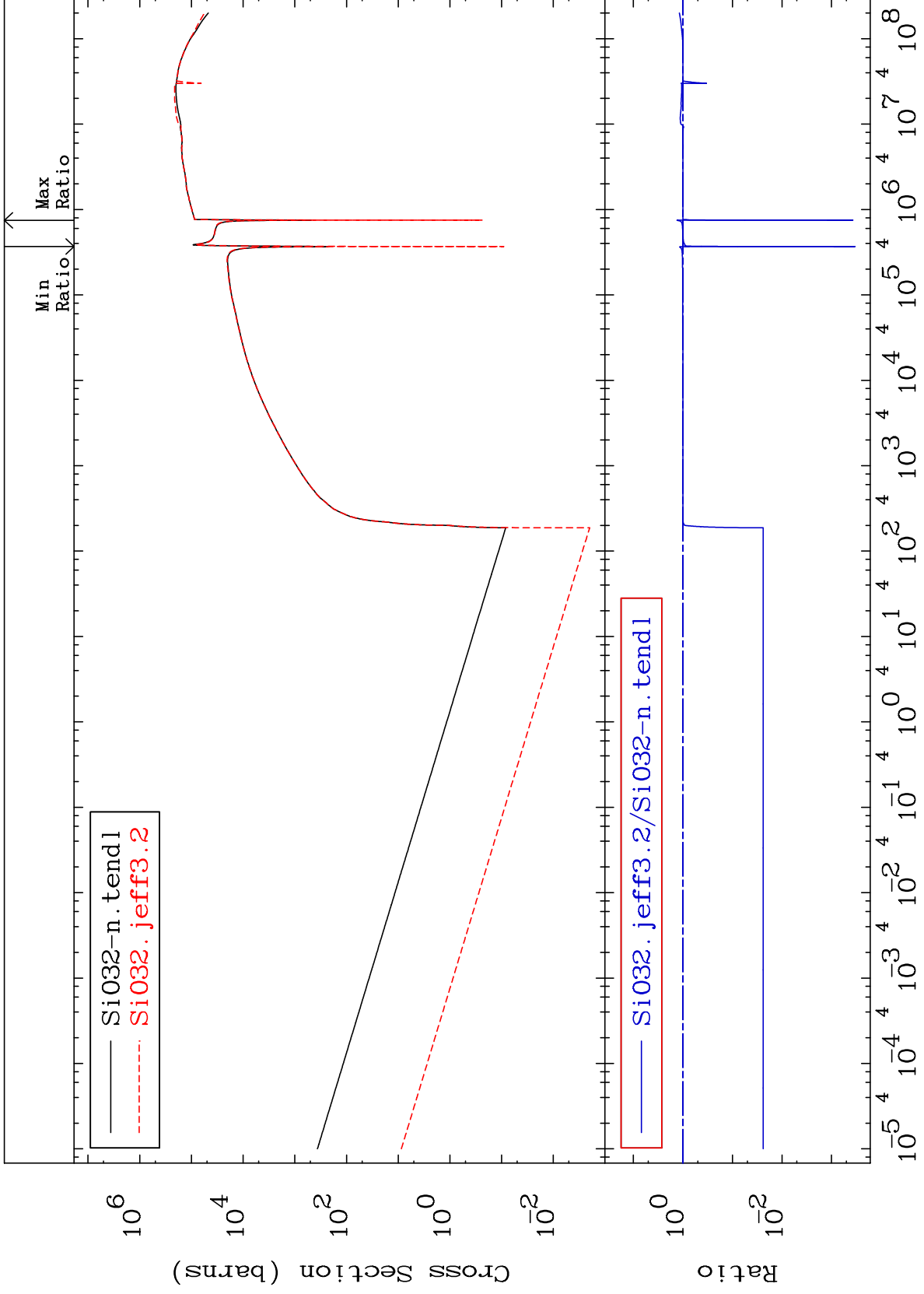
Incident Energy (eV)

14-Si-32

MAT 1437

Dpa total (eV-barns)
Cross Section

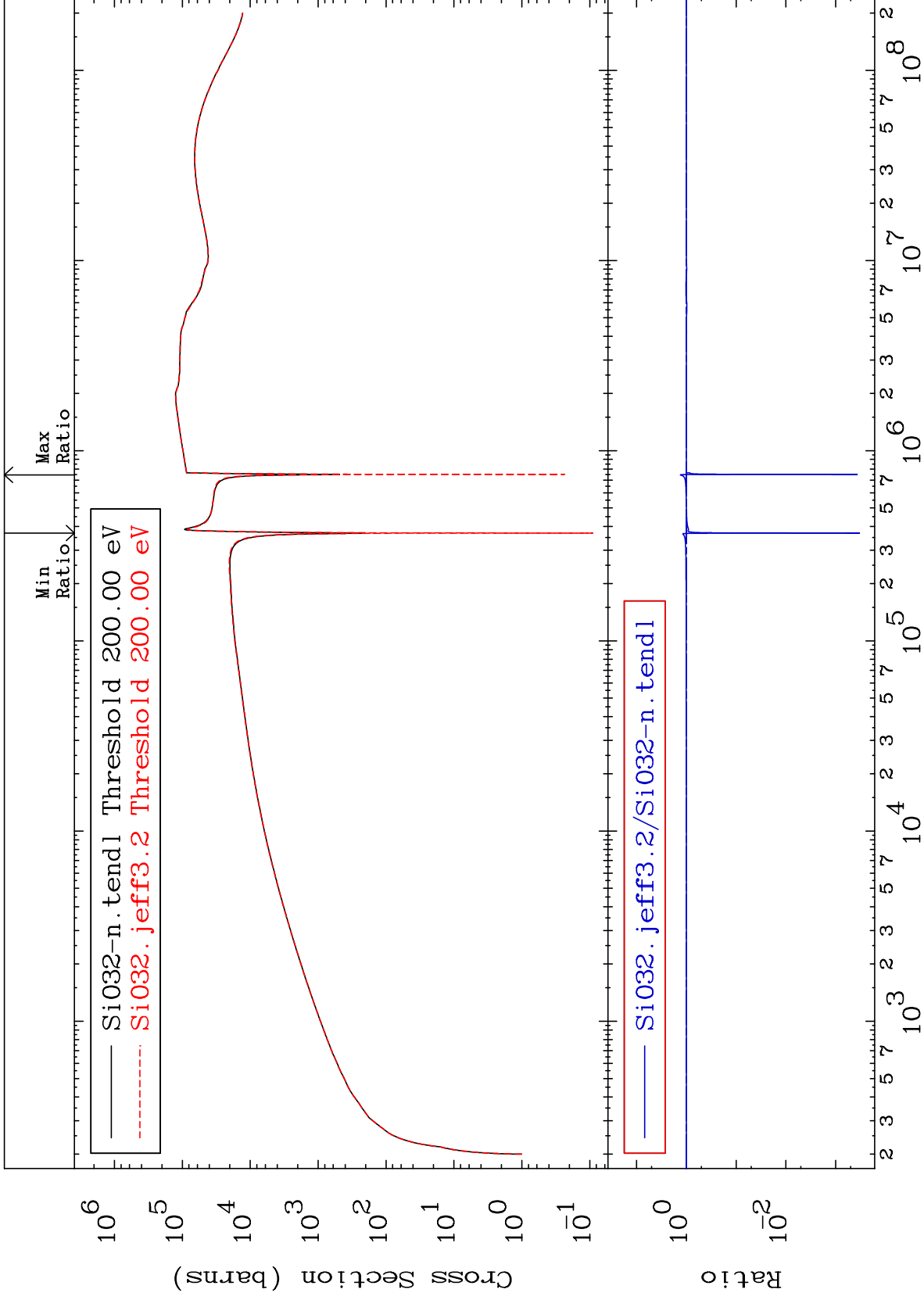
14-Si-32
-99.97 To 32.06 %



68

Incident Energy (eV)

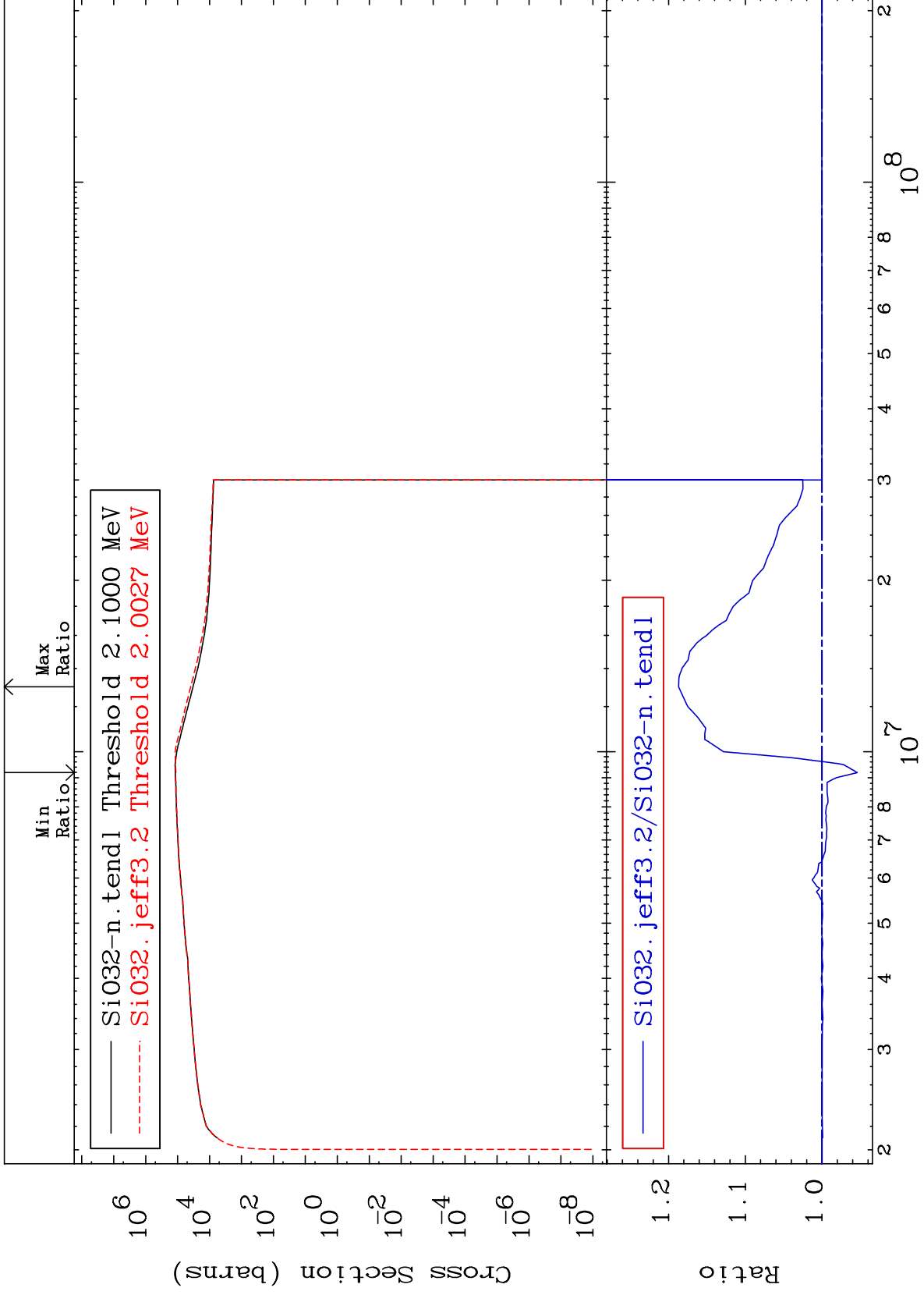
14-Si-32



MAT 1437

Dpa inelastic (mt51-91)
Cross Section

14-Si-32
-4.597 To 18.68 %



70

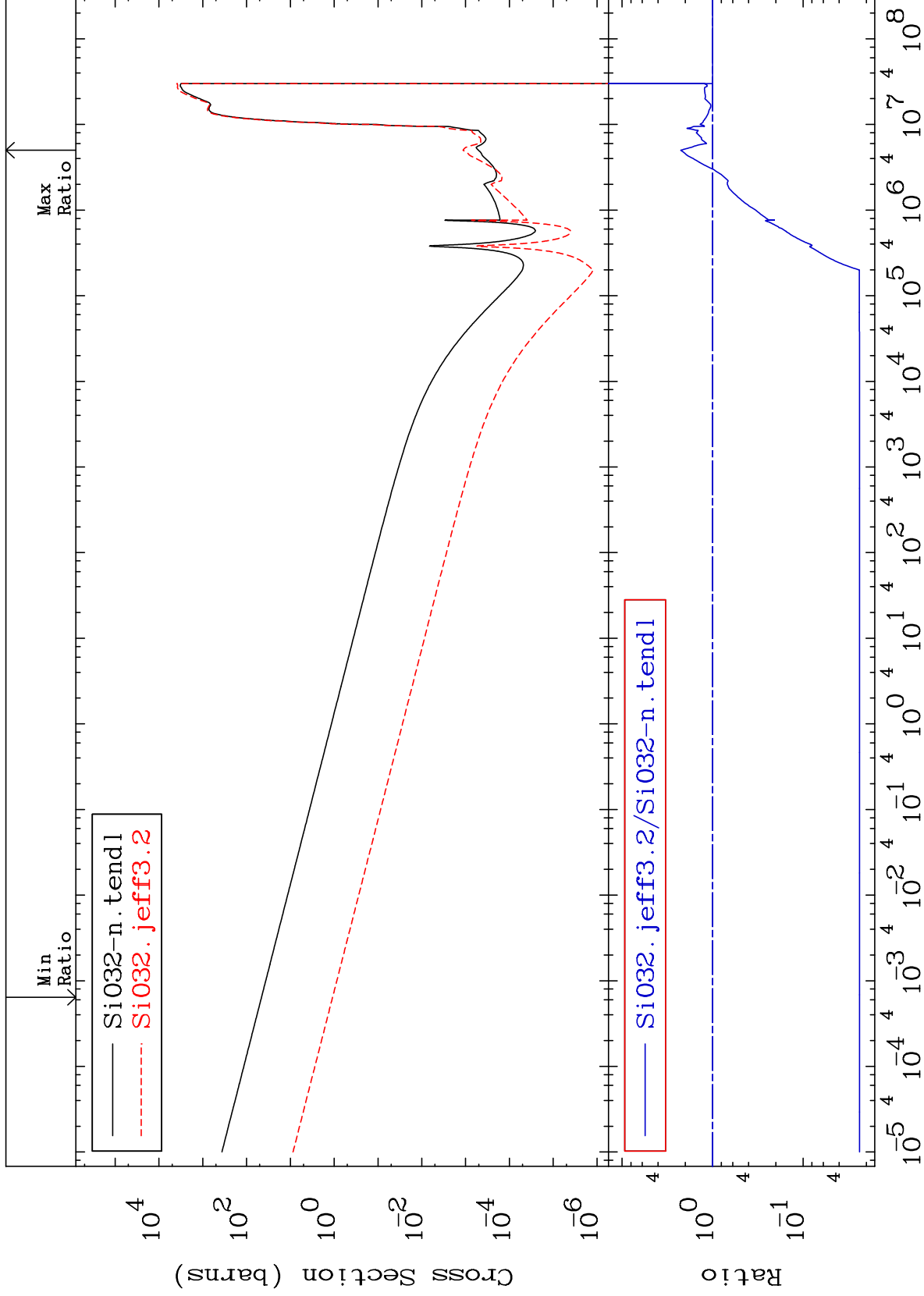
14-Si-32

14-Si-32

MAT 1437

Dpa disappearance (mt102 -120)
Cross Section

14-Si-32
-97.62 To 124.9 %



71

Incident Energy (eV)

14-Si-32