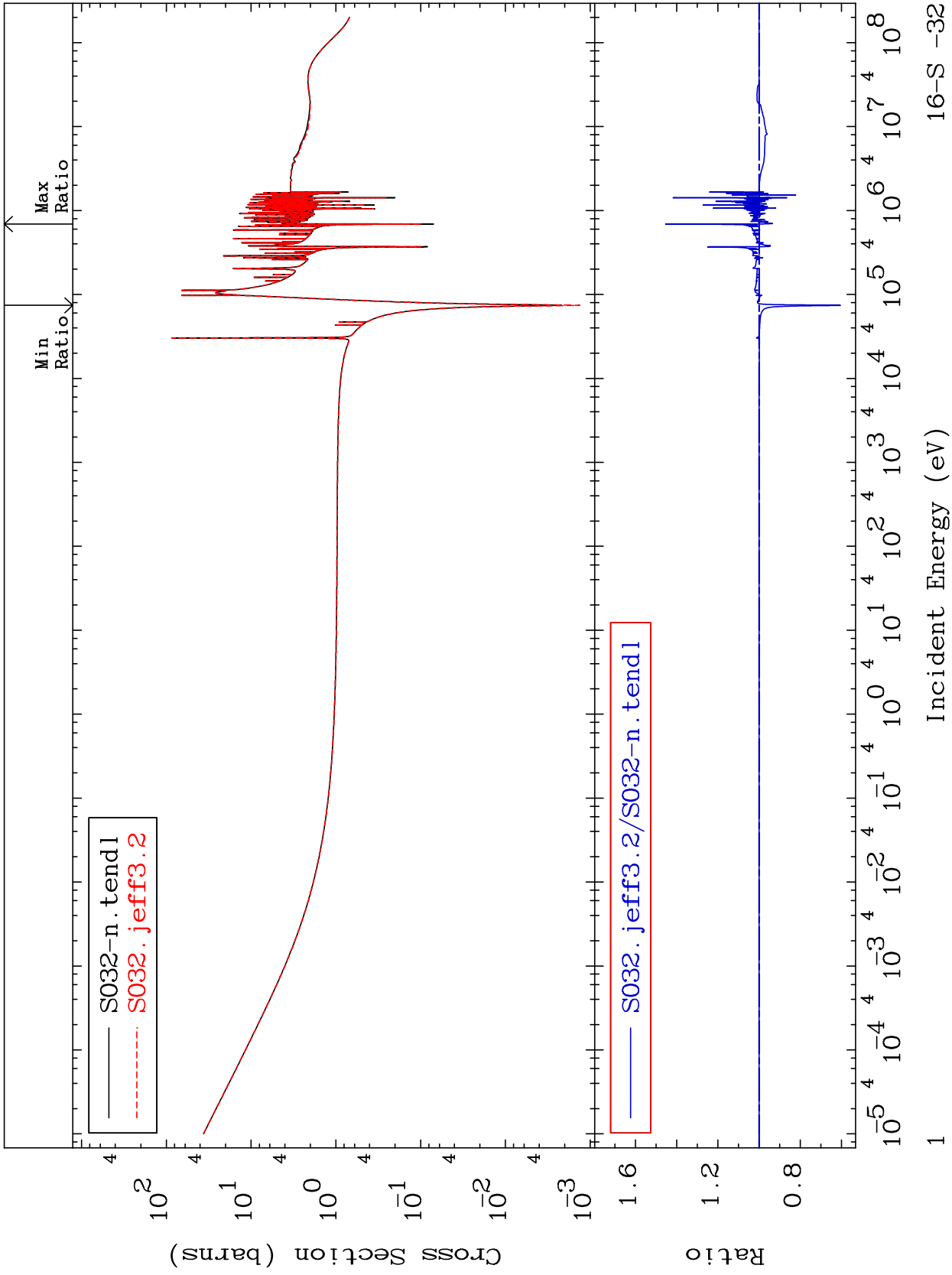


MAT 1625

Total
Cross Section

16-S -32
-39.63 To 45.40 %



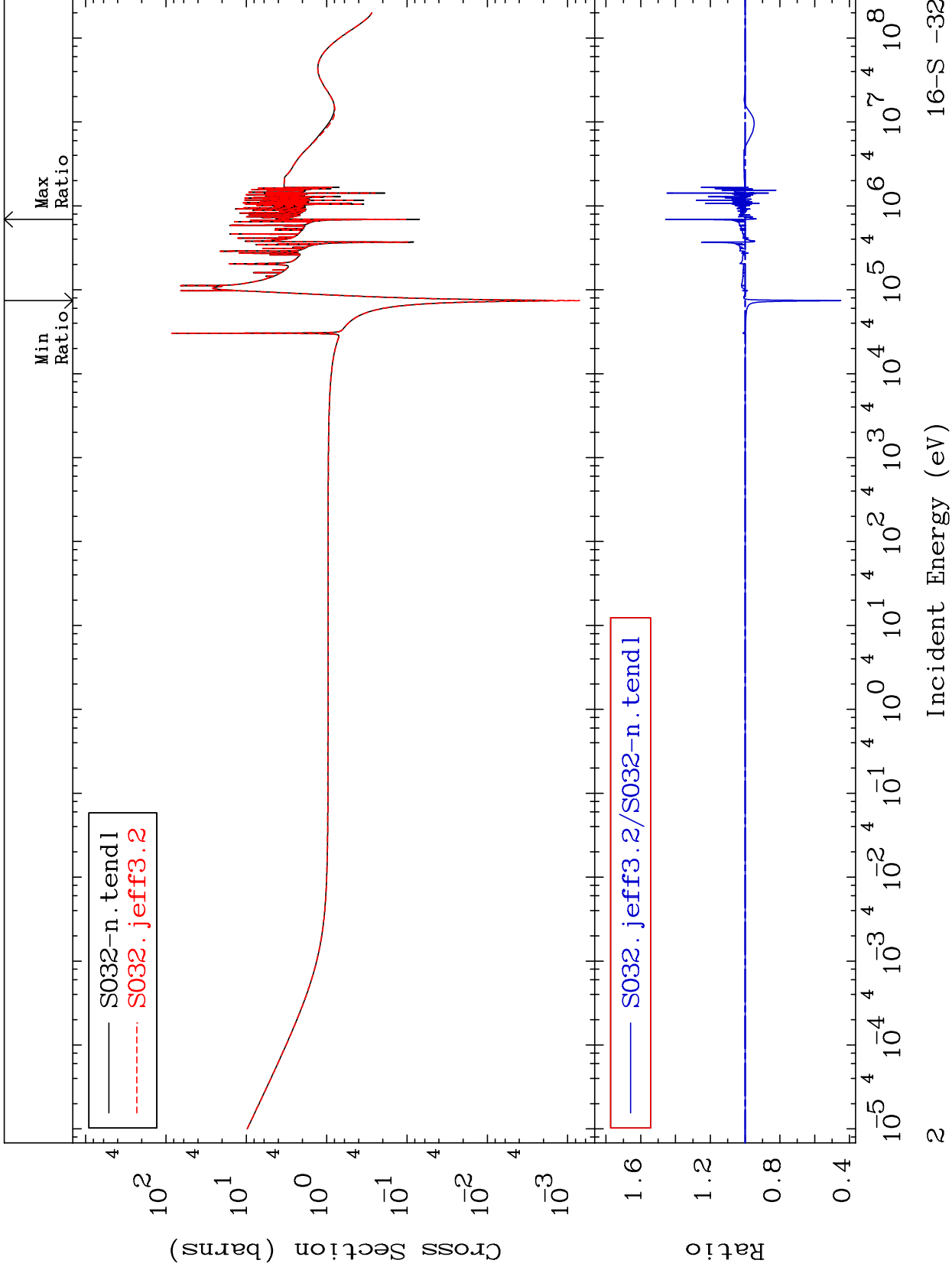
Incident Energy (eV)

16-S -32

MAT 1625

Elastic
Cross Section

16-S -32
-54.94 To 45.78 %



16-S -32

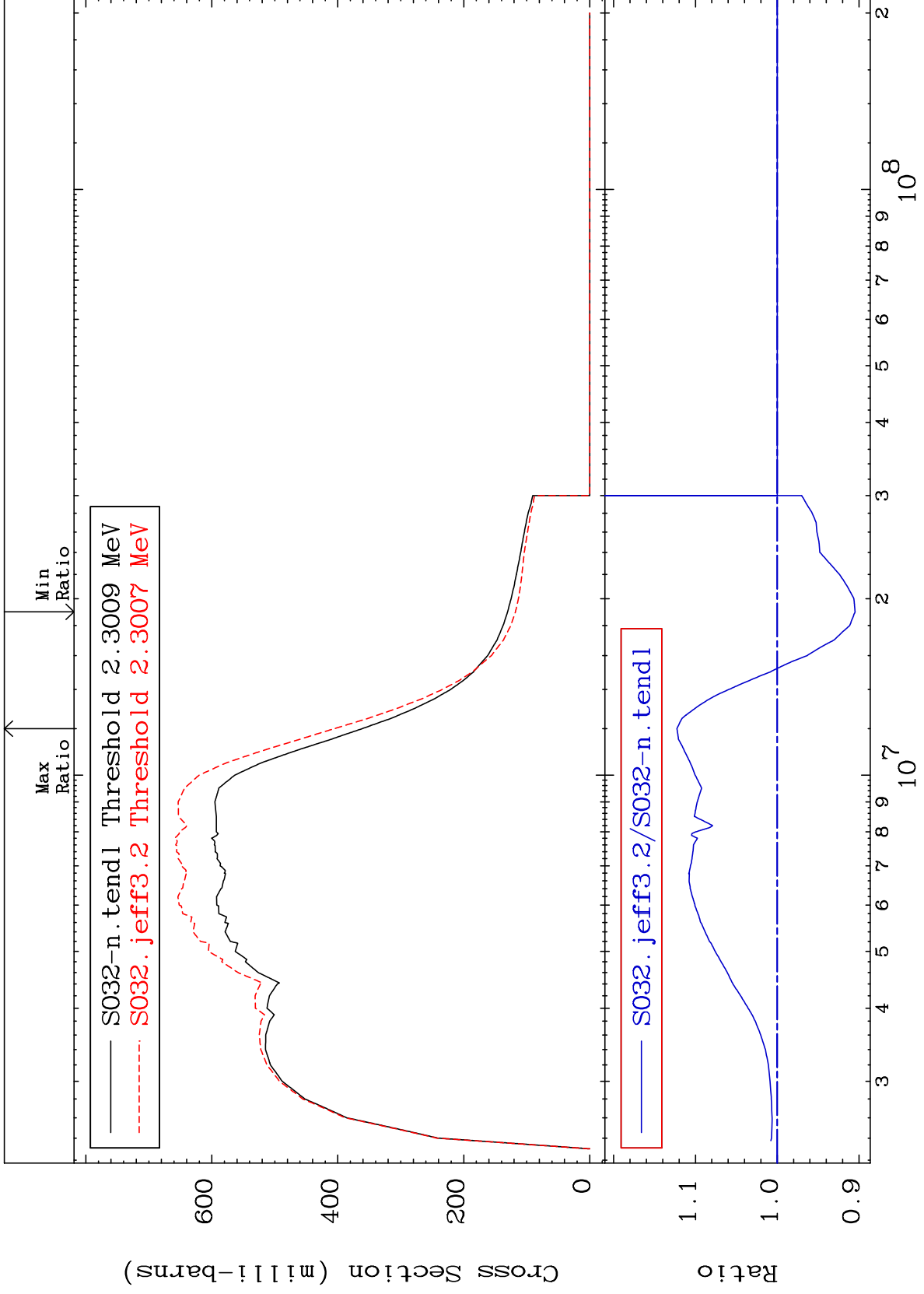
Incident Energy (eV)

2

MAT 1625

Inelastic
Cross Section

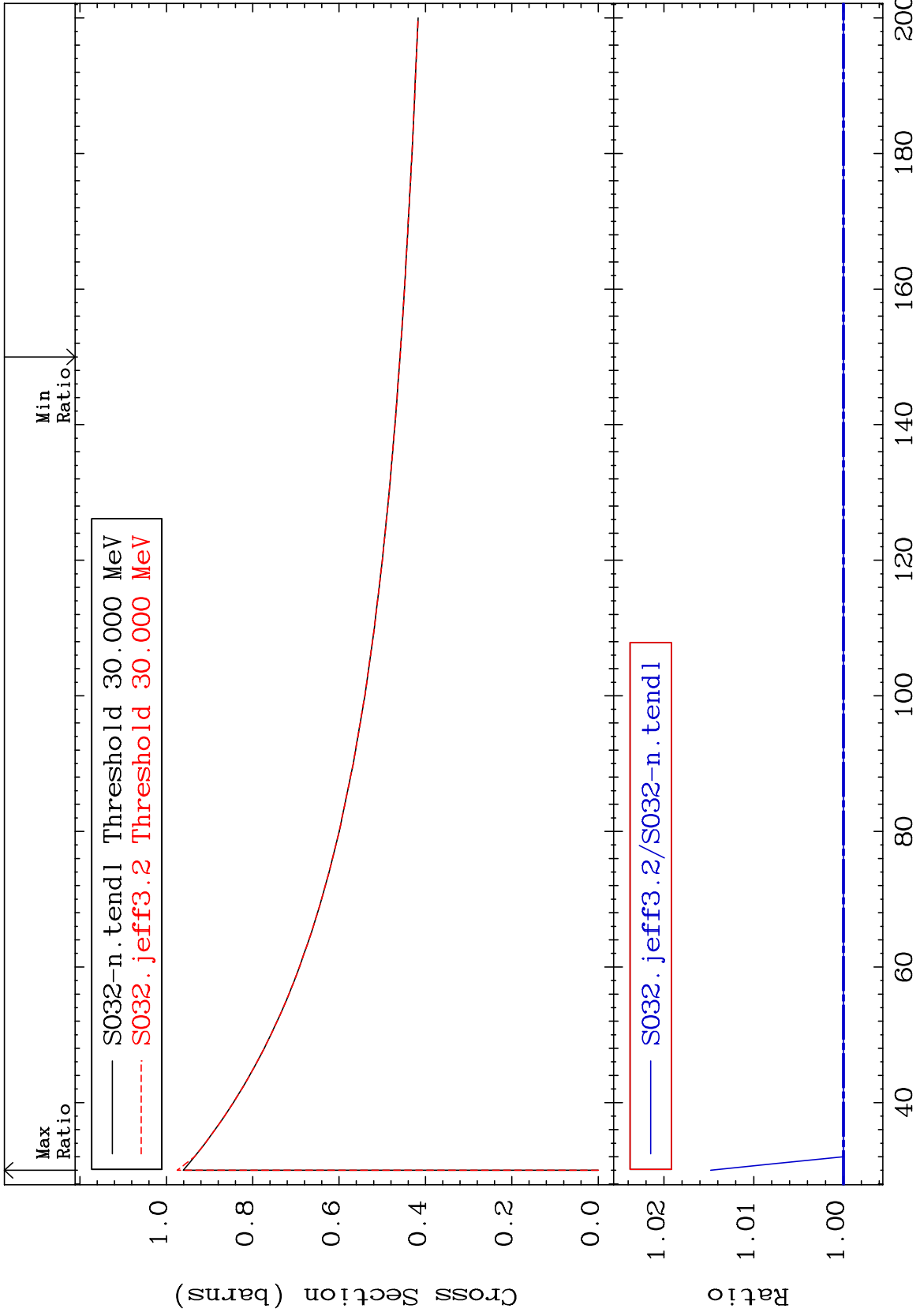
16-S -32
-9.519 To 12.27 %



MAT 1625

(n, remainder)
Cross Section

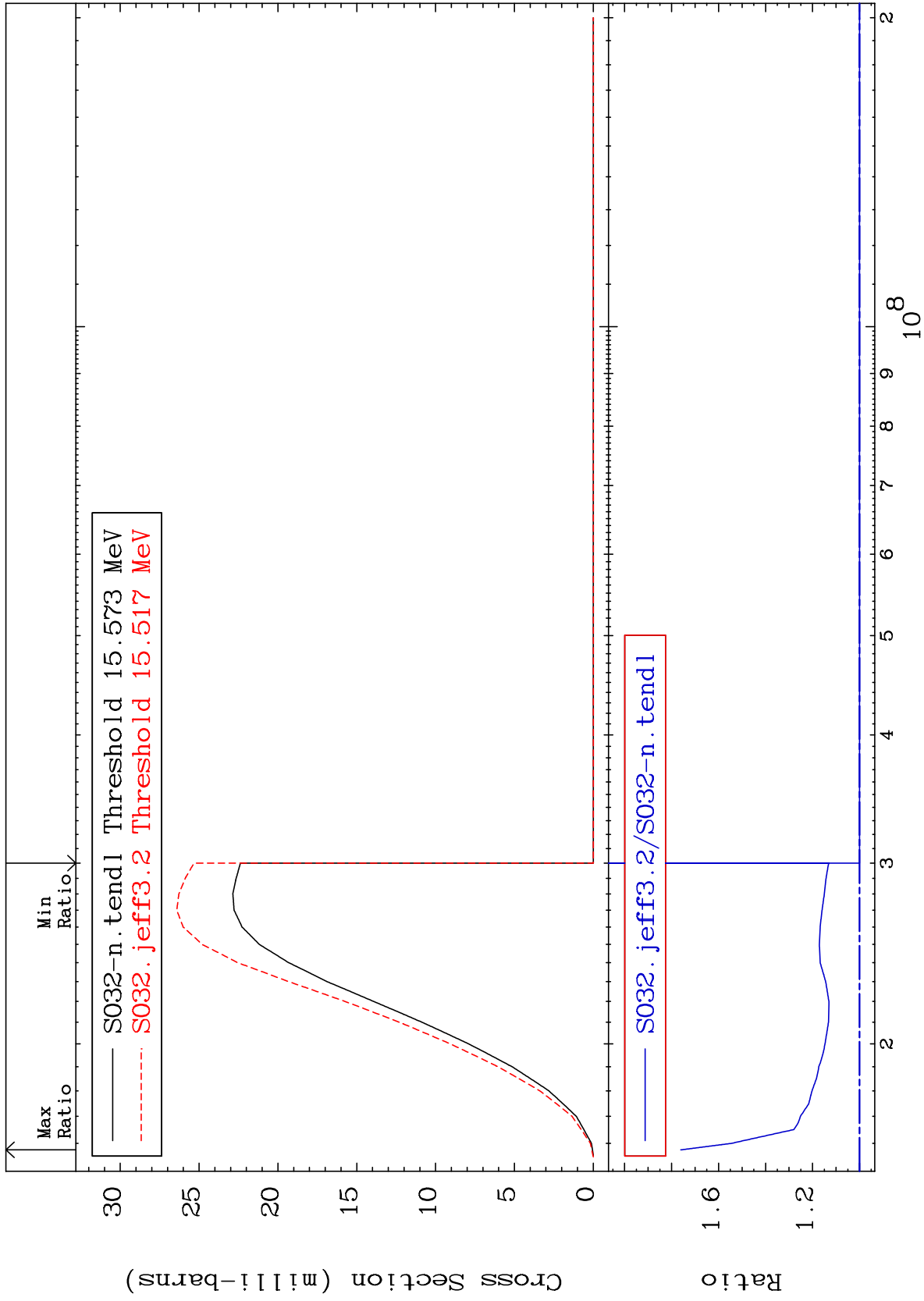
0.000 To 1.480 %
16-S -32



MAT 1625

(n,2n)
Cross Section

16-S -32
To 76.10 %
0.000



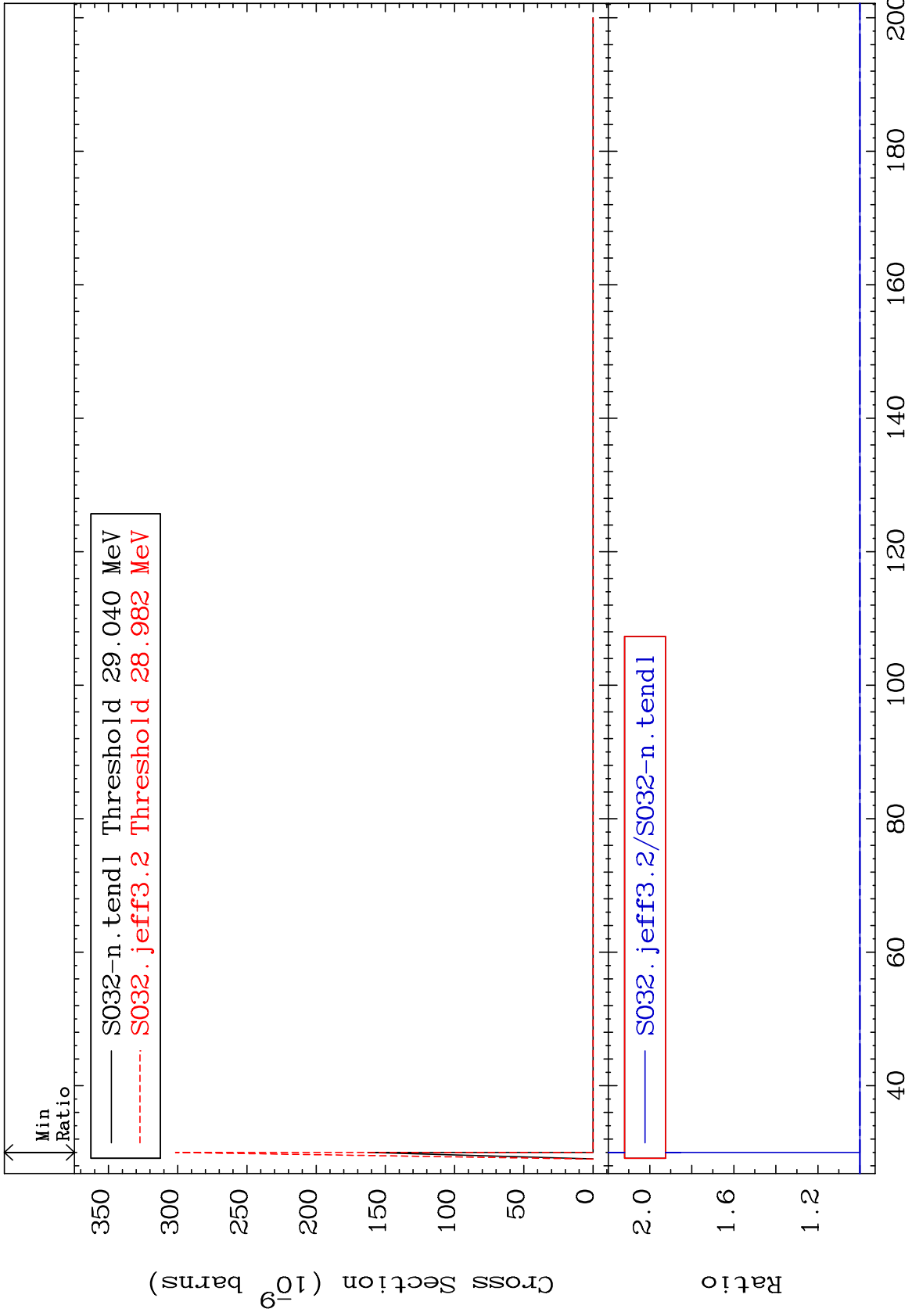
5

16-S -32

MAT 1625

(n,3n)
Cross Section

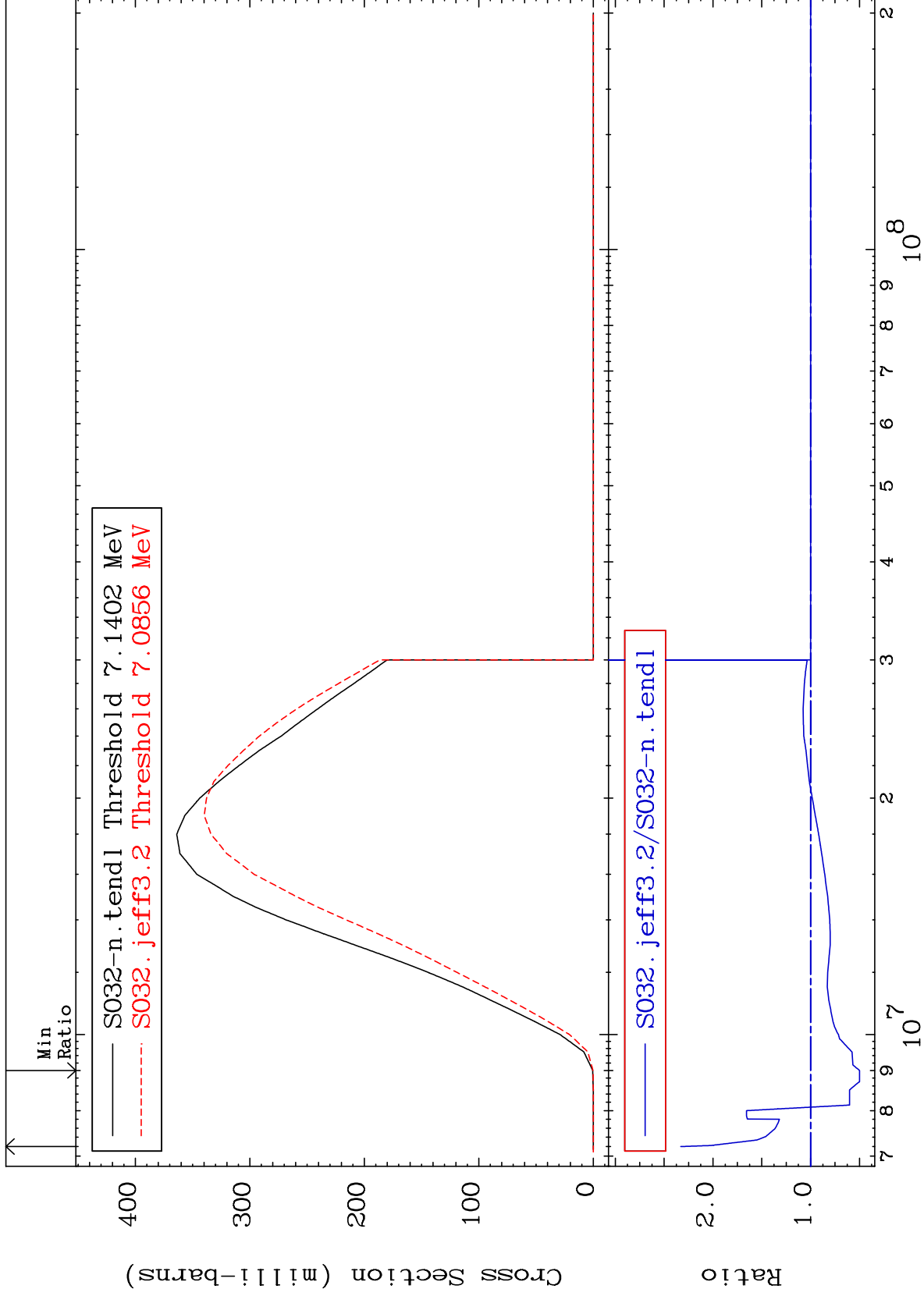
16-S -32
0.000 To 85.24 %



MAT 1625

(n,n') α
Cross Section

16-S -32
-50.11 To 133.0 %



7

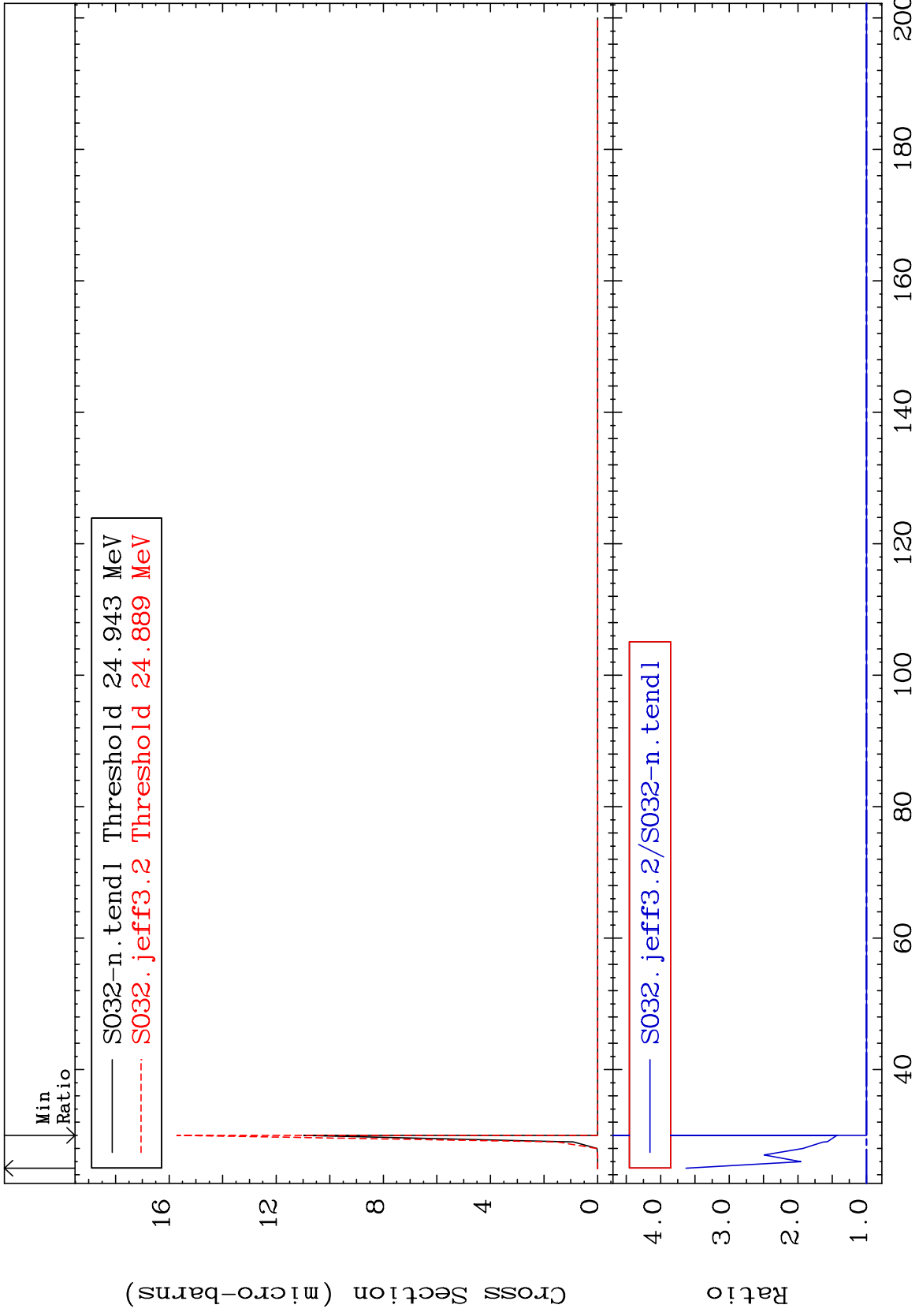
Incident Energy (eV)

16-S -32

MAT 1625

(n,2n) α
Cross Section

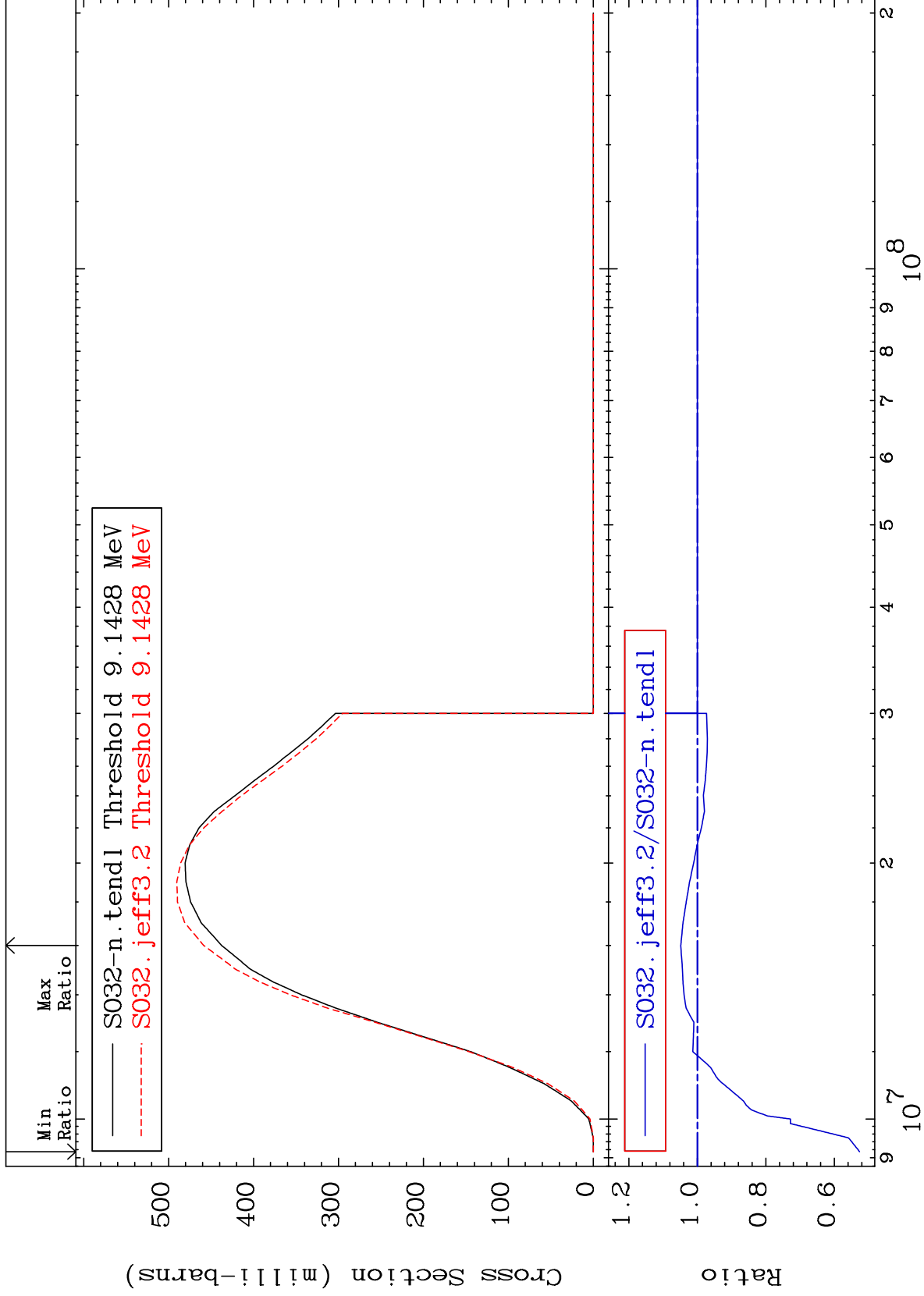
16-S -32
0.000 To 263.1 %



MAT 1625

(n,n') p
Cross Section

16-S -32
-47.35 To 4.830 %



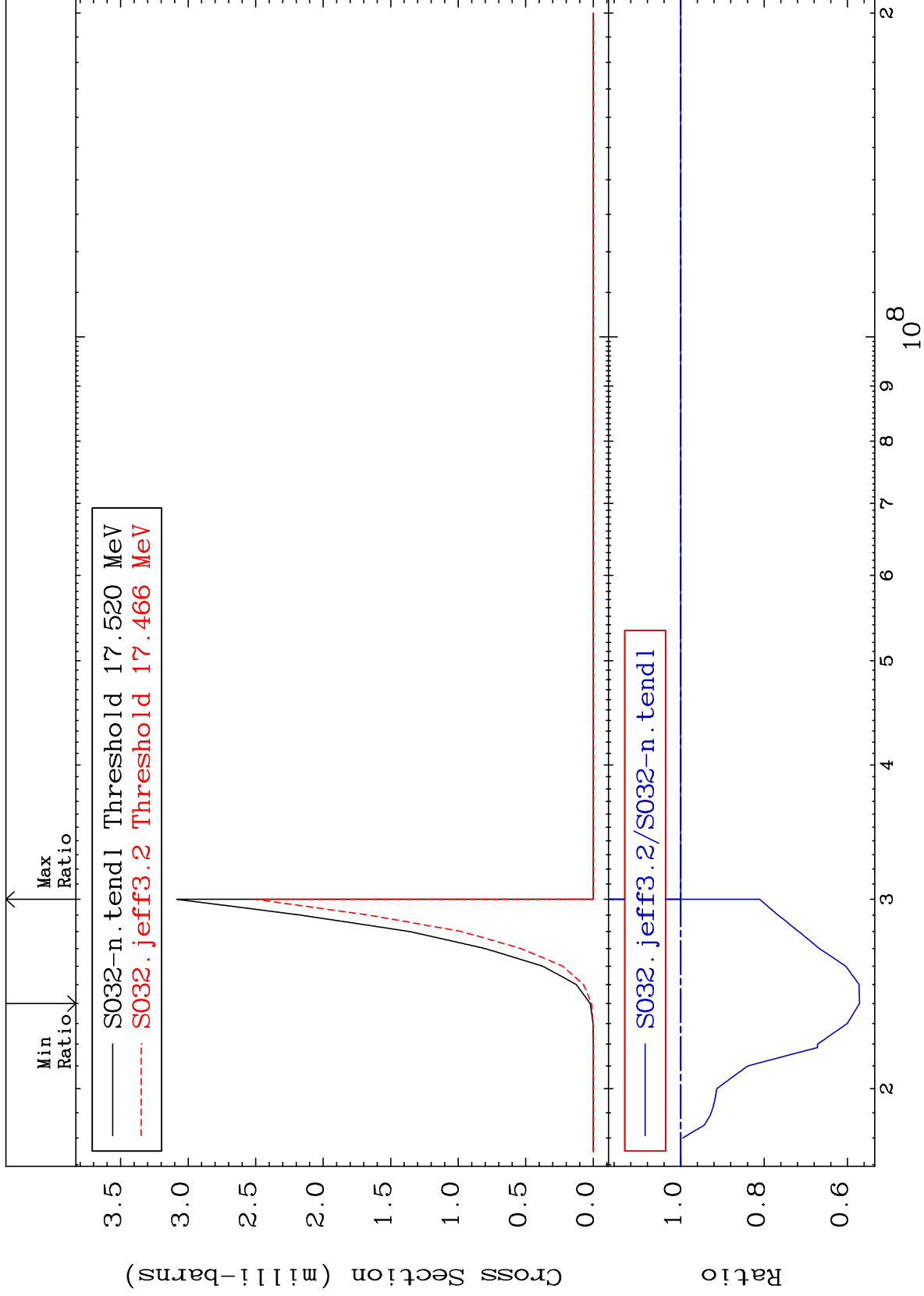
Incident Energy (eV)

16-S -32

MAT 1625

(n, n') 2 α
Cross Section

16-S -32
-42.90 To 0.000 %



10

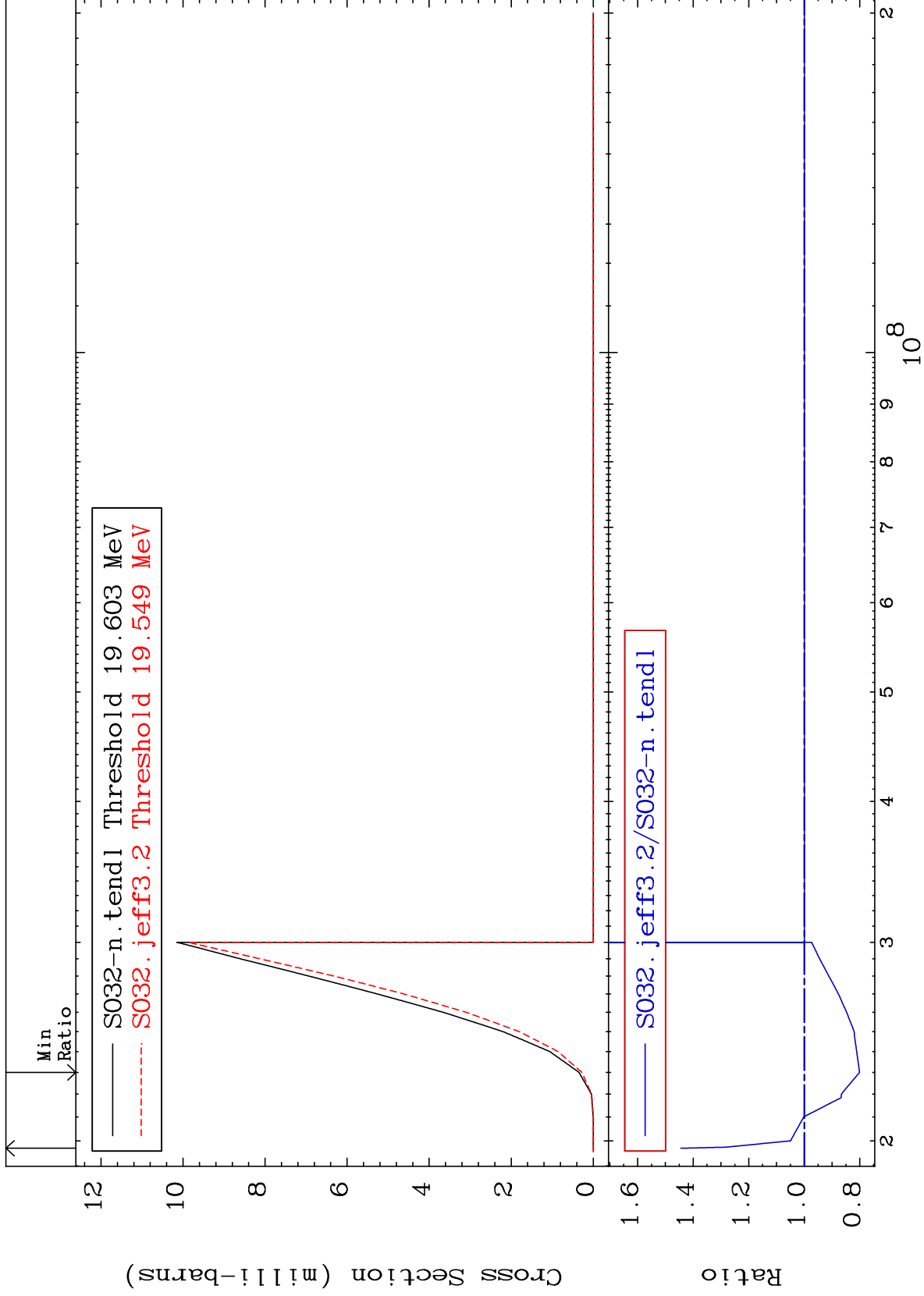
Incident Energy (eV)

16-S -32

MAT 1625

(n,n') d
Cross Section

16-S -32
-19.89 To 44.46 %



11

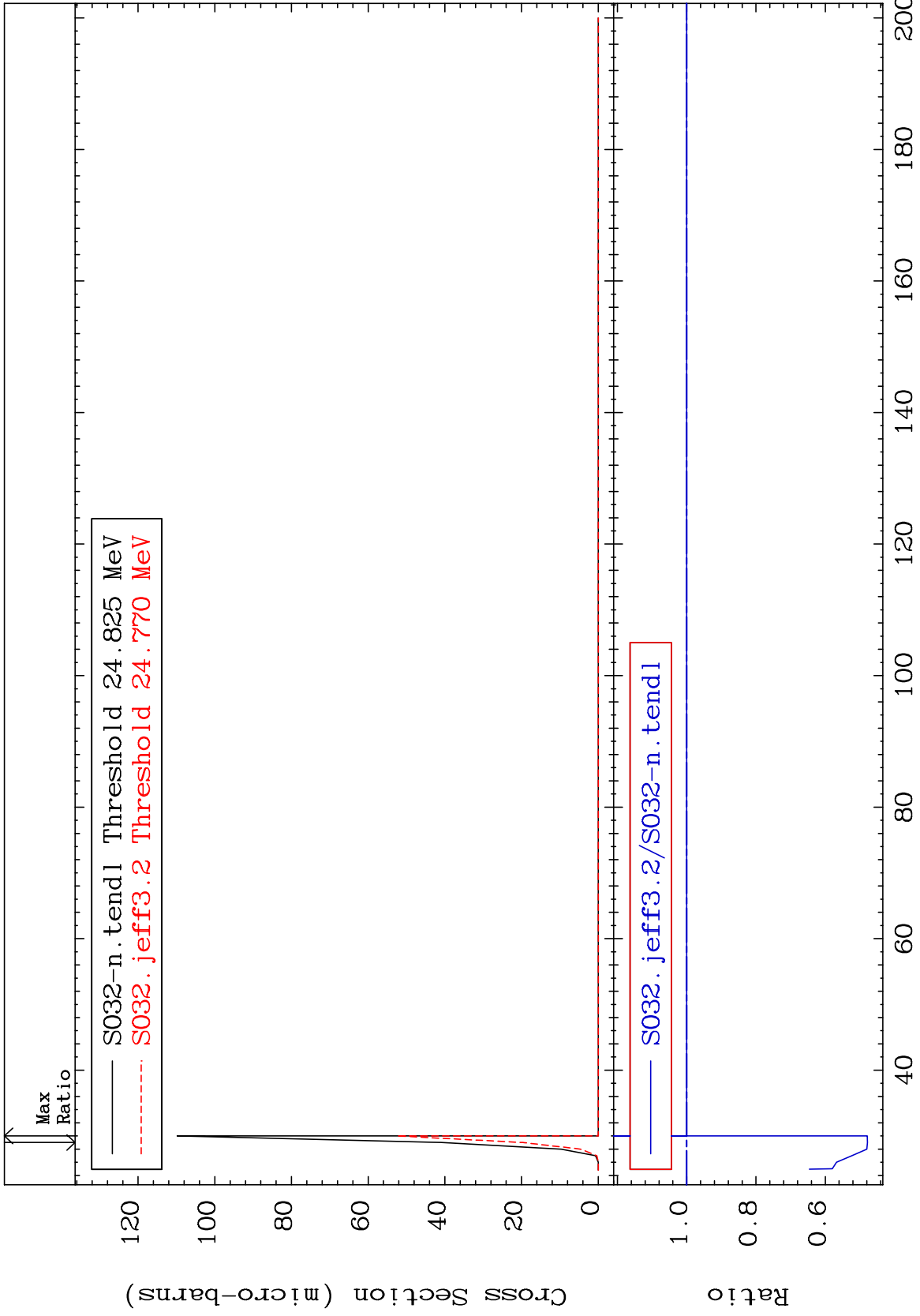
Incident Energy (eV)

16-S -32

MAT 1625

(n,n') t
Cross Section

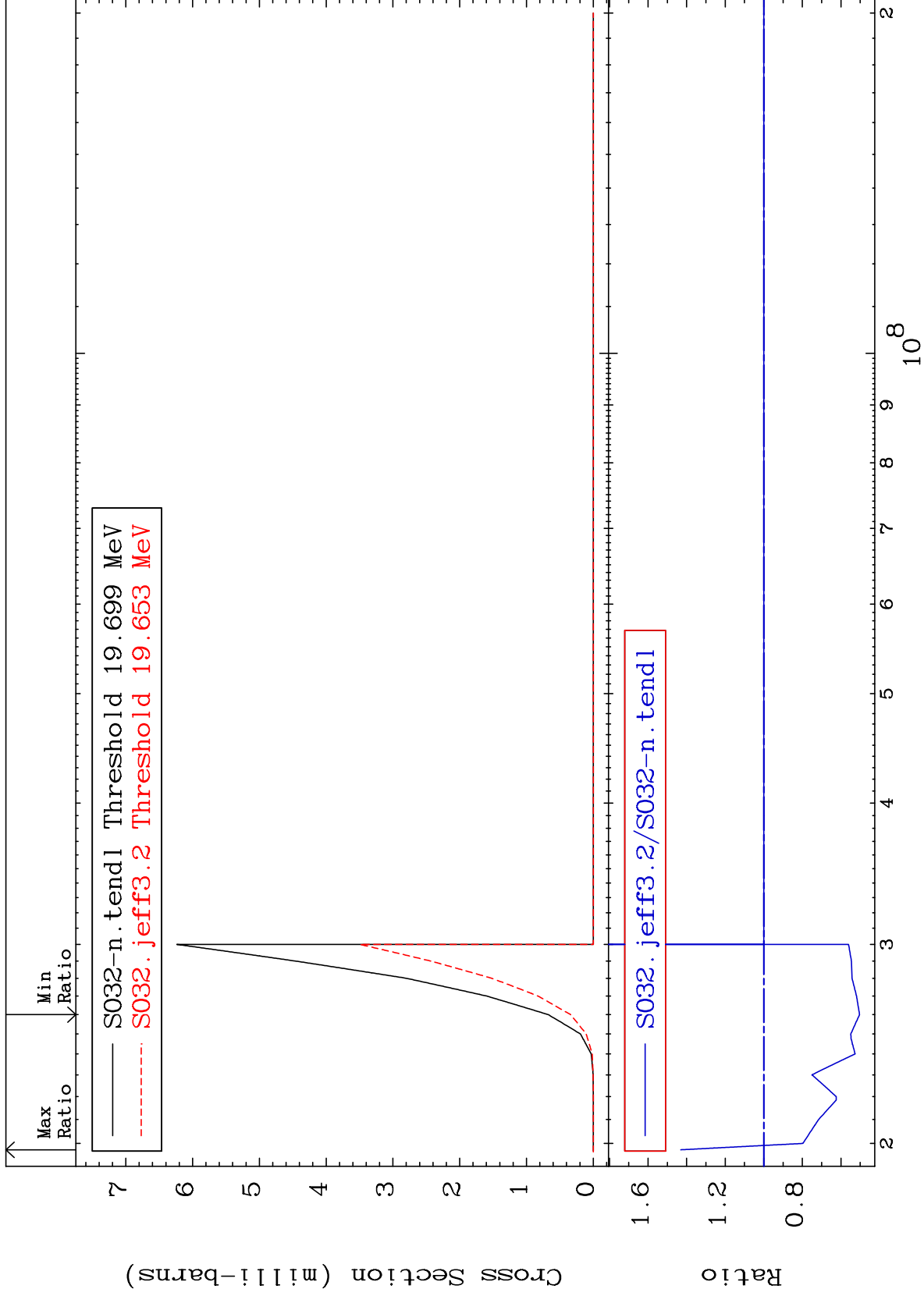
16-S -32
-52.18 To 0.000 %



MAT 1625

(n,n') He-3
Cross Section

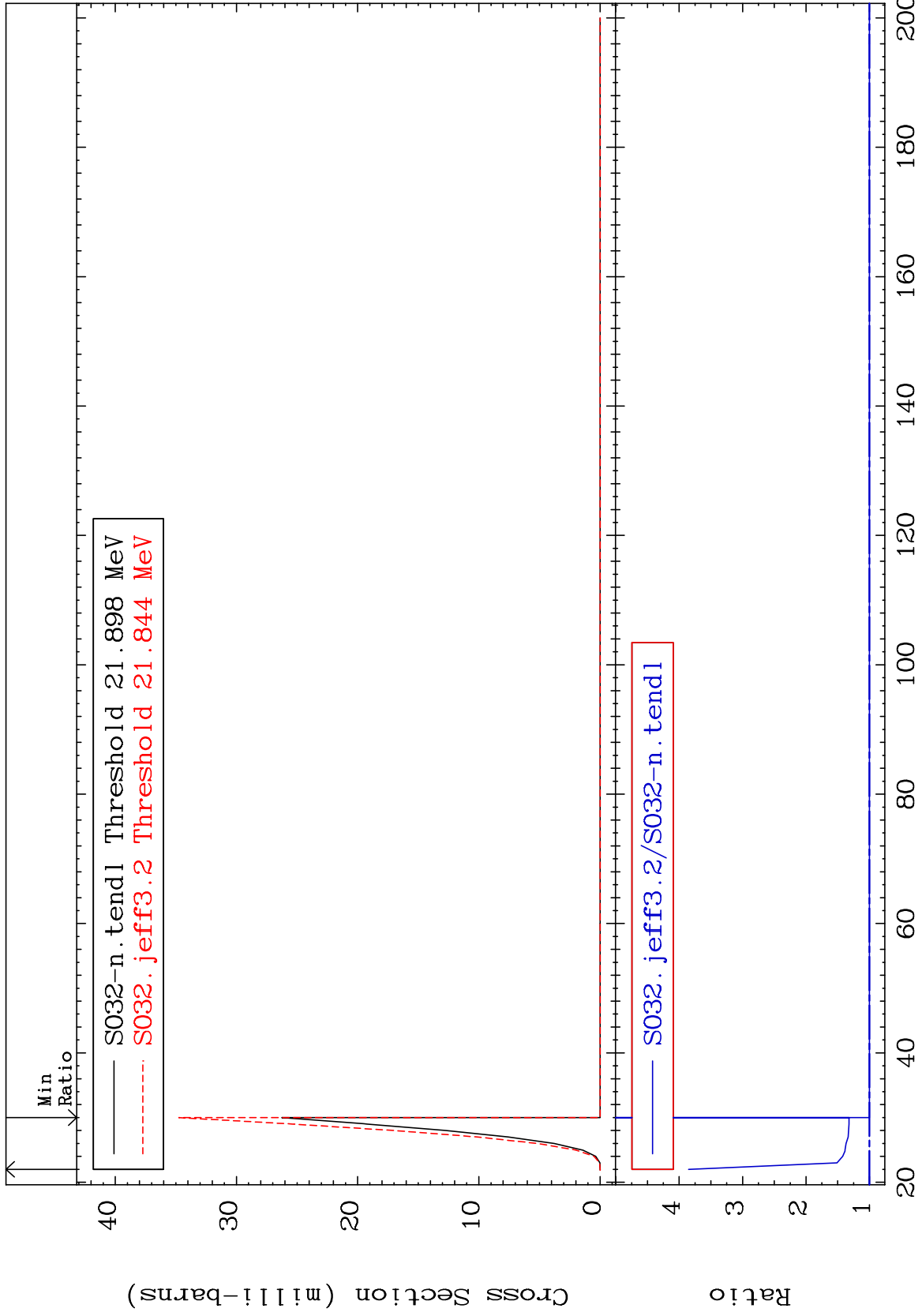
16-S -32
-49.63 To 43.04 %



MAT 1625

(n,2n) p
Cross Section

16-S -32
0.000 To 285.1 %



14

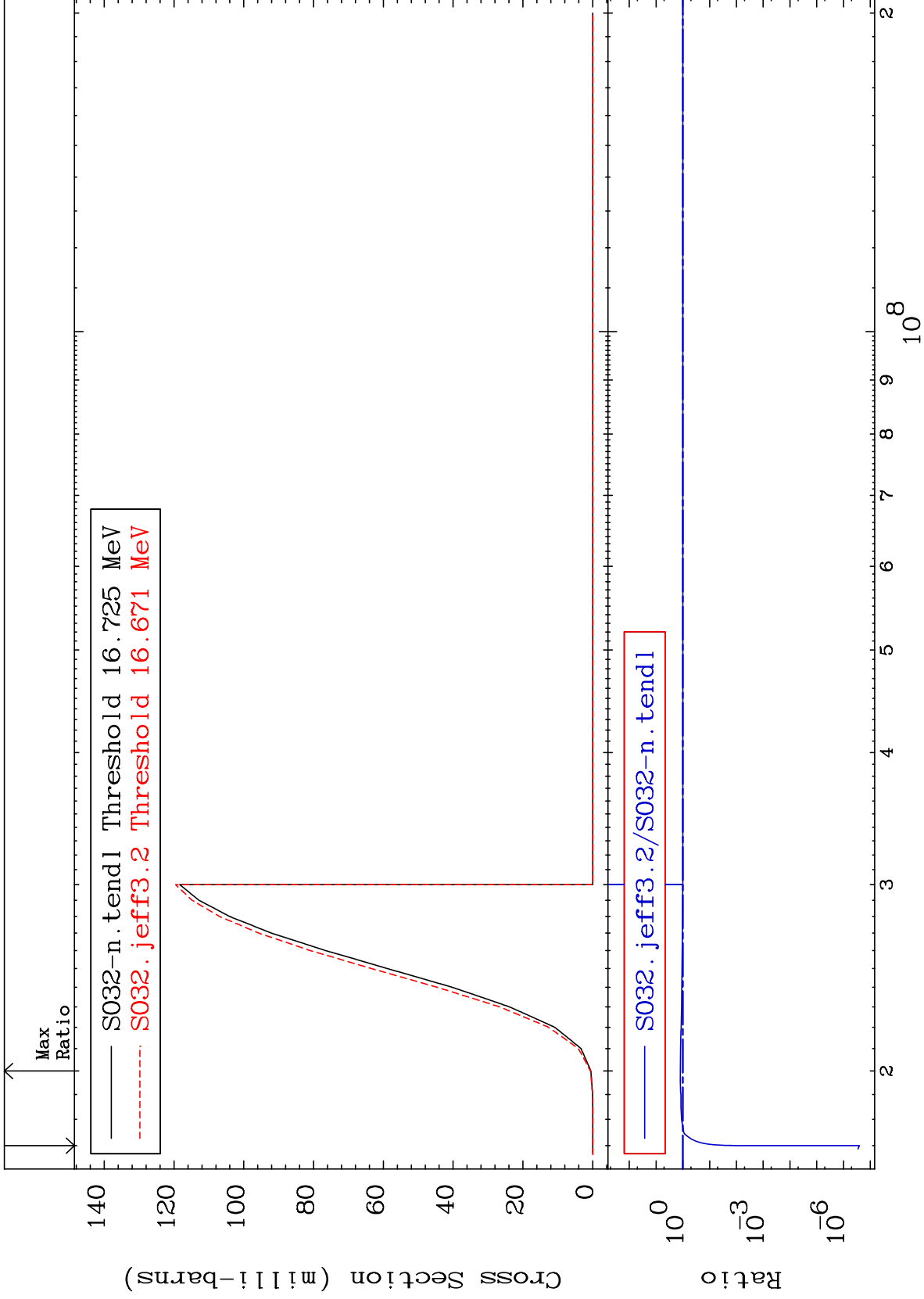
Incident Energy (MeV)

16-S -32

MAT 1625

(n,2n) p
Cross Section

16-S -32
-100.0 To 24.00 %



15

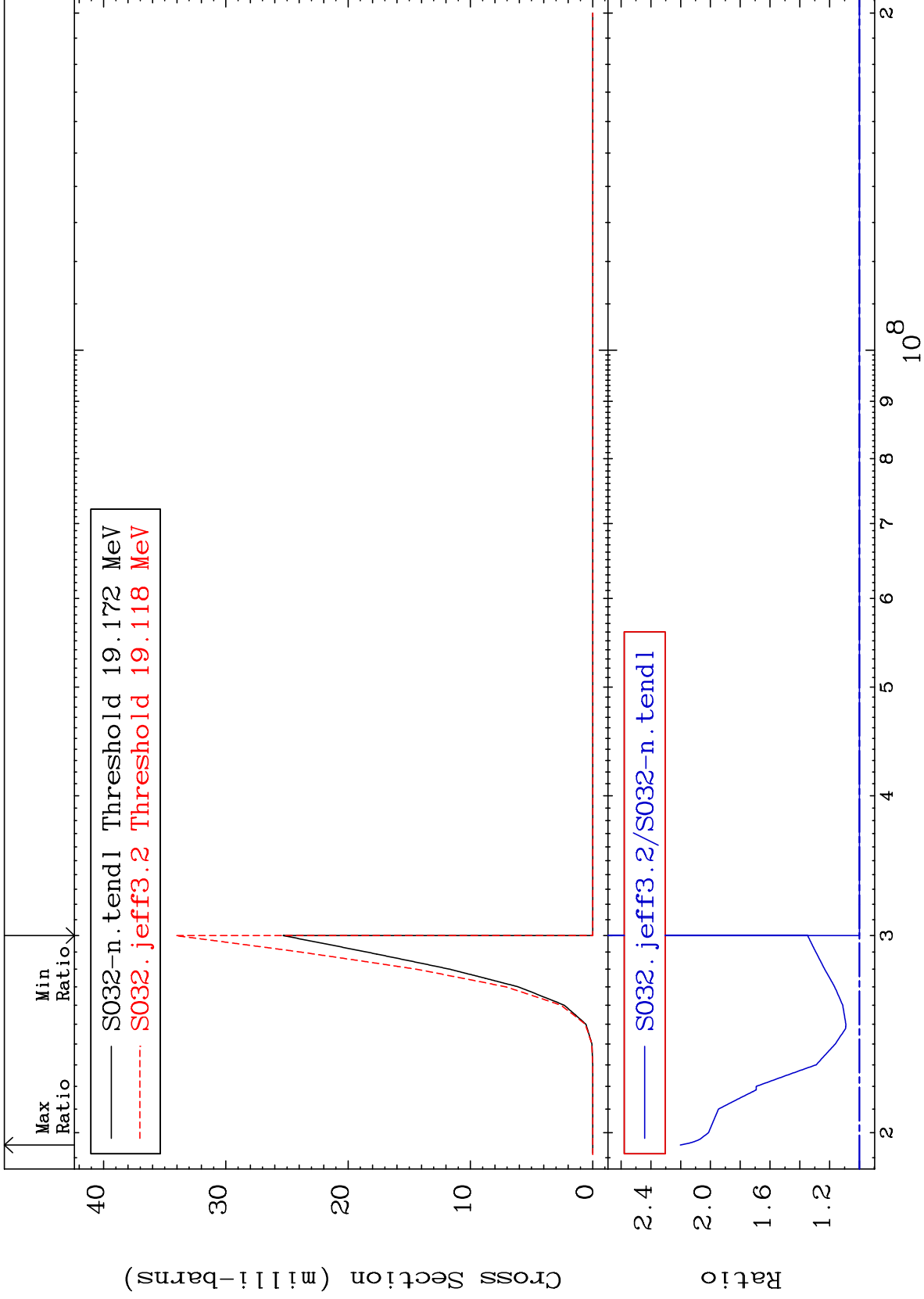
Incident Energy (eV)

16-S -32

MAT 1625

(n,n') p α
Cross Section

16-S -32
0.000 To 120.2 %



16

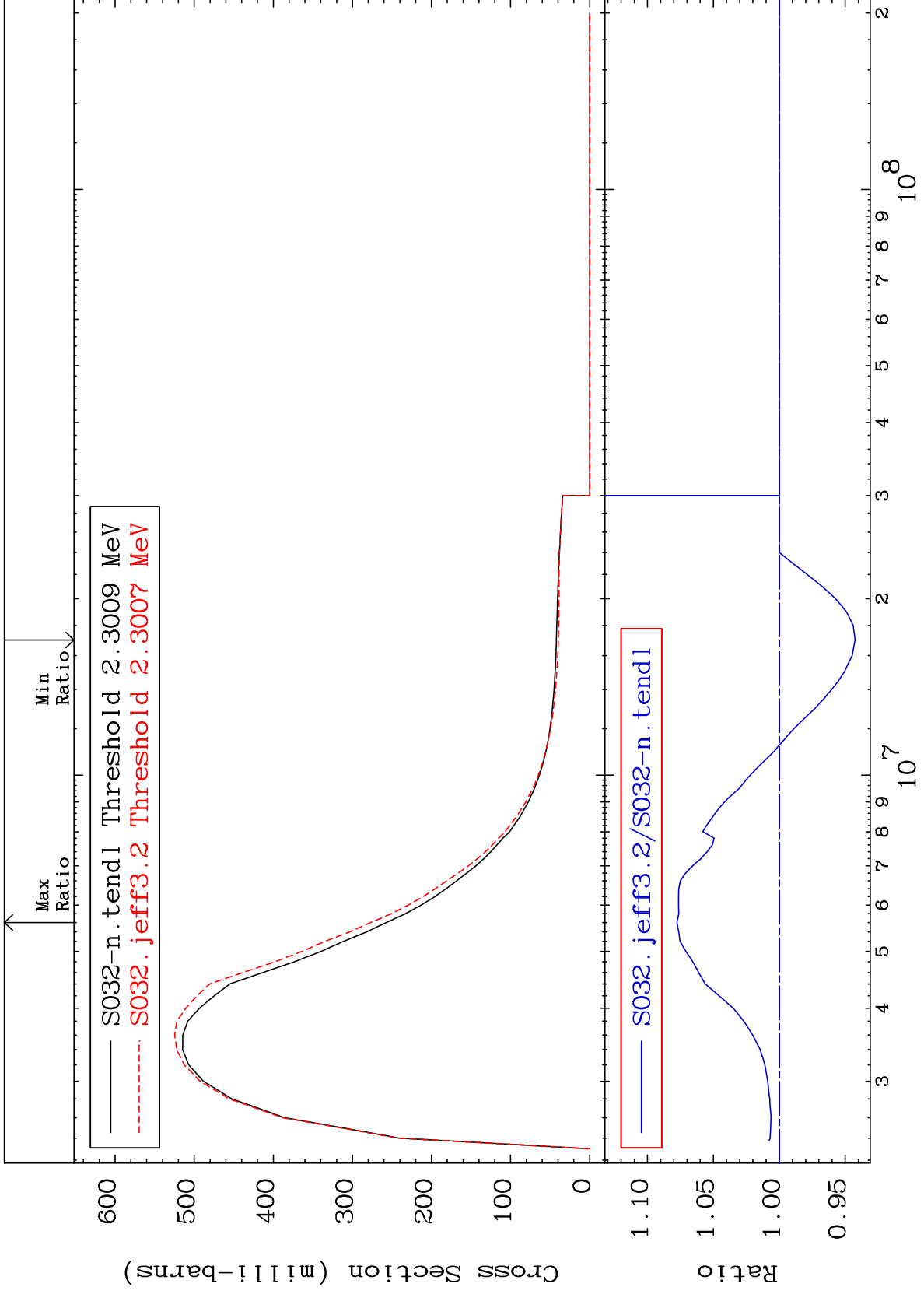
Incident Energy (eV)

16-S -32

MAT 1625

2.231 MeV (n,n') Level
Cross Section

16-S -32
-5.752 To 7.763 %



17

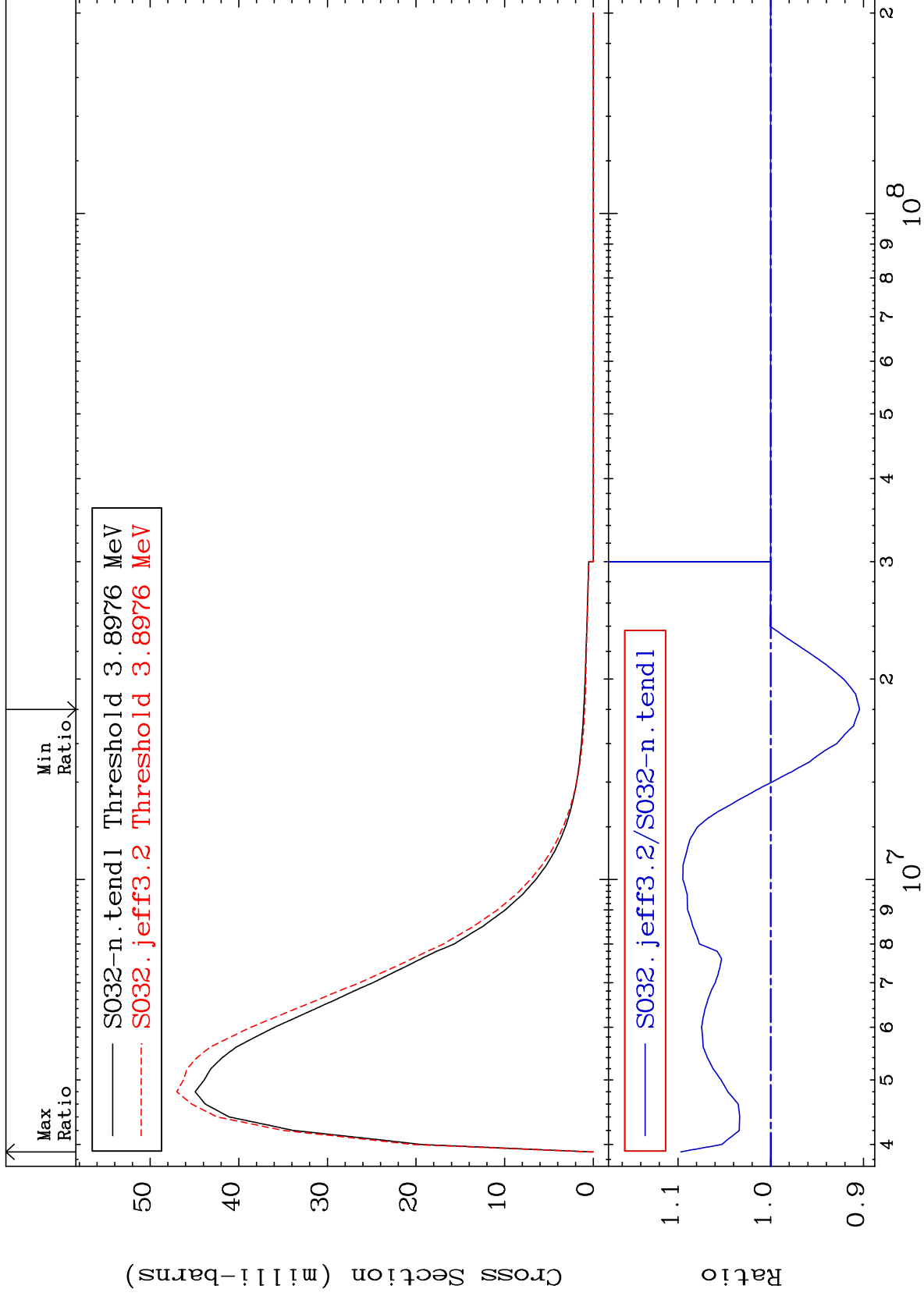
Incident Energy (eV)

16-S -32

MAT 1625

3.778 MeV (n,n') Level
Cross Section

16-S -32
-9.575 To 9.693 %



18

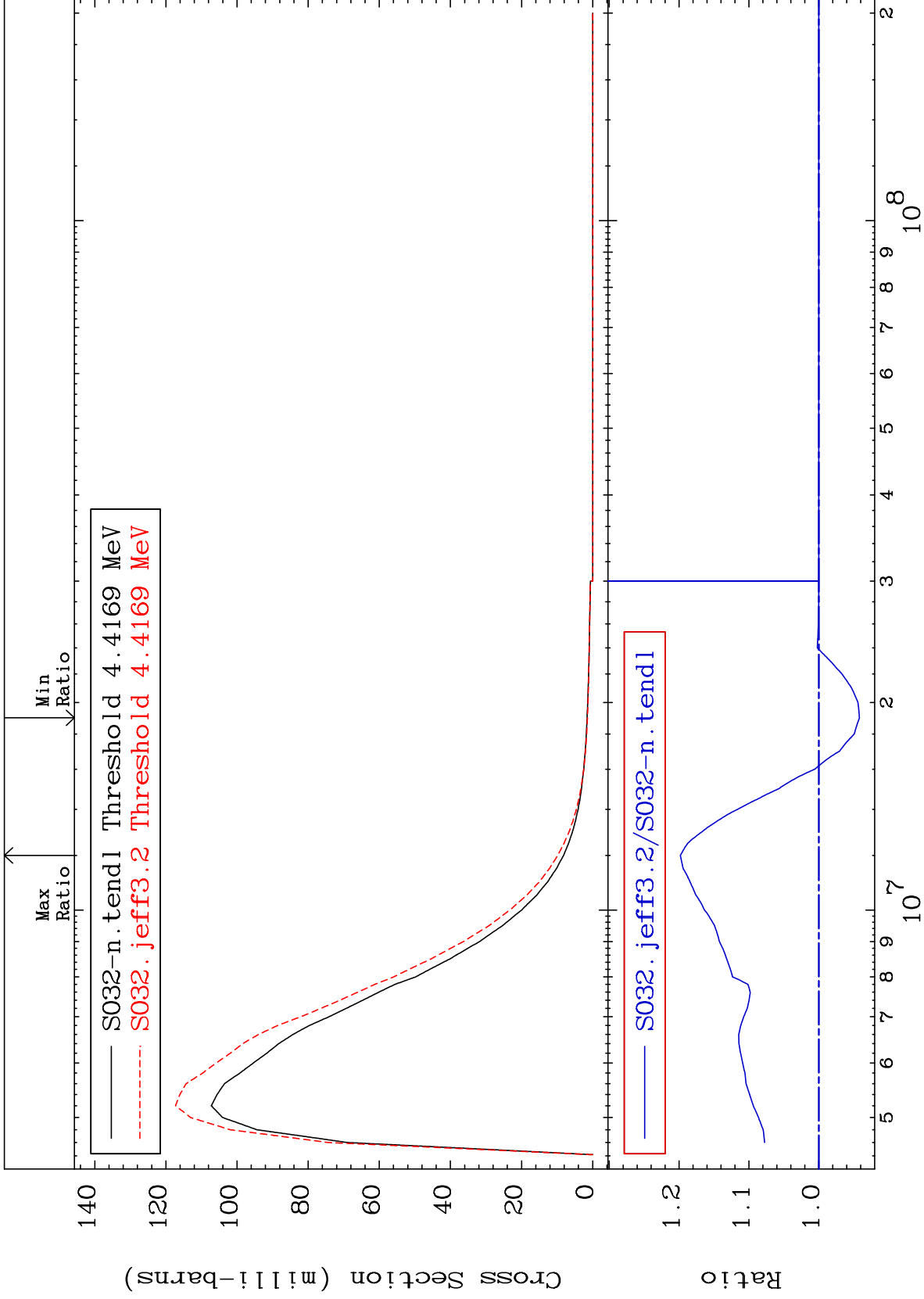
Incident Energy (eV)

16-S -32

MAT 1625

4.282 MeV (n,n') Level
Cross Section

16-S -32
-5.815 To 19.82 %



19

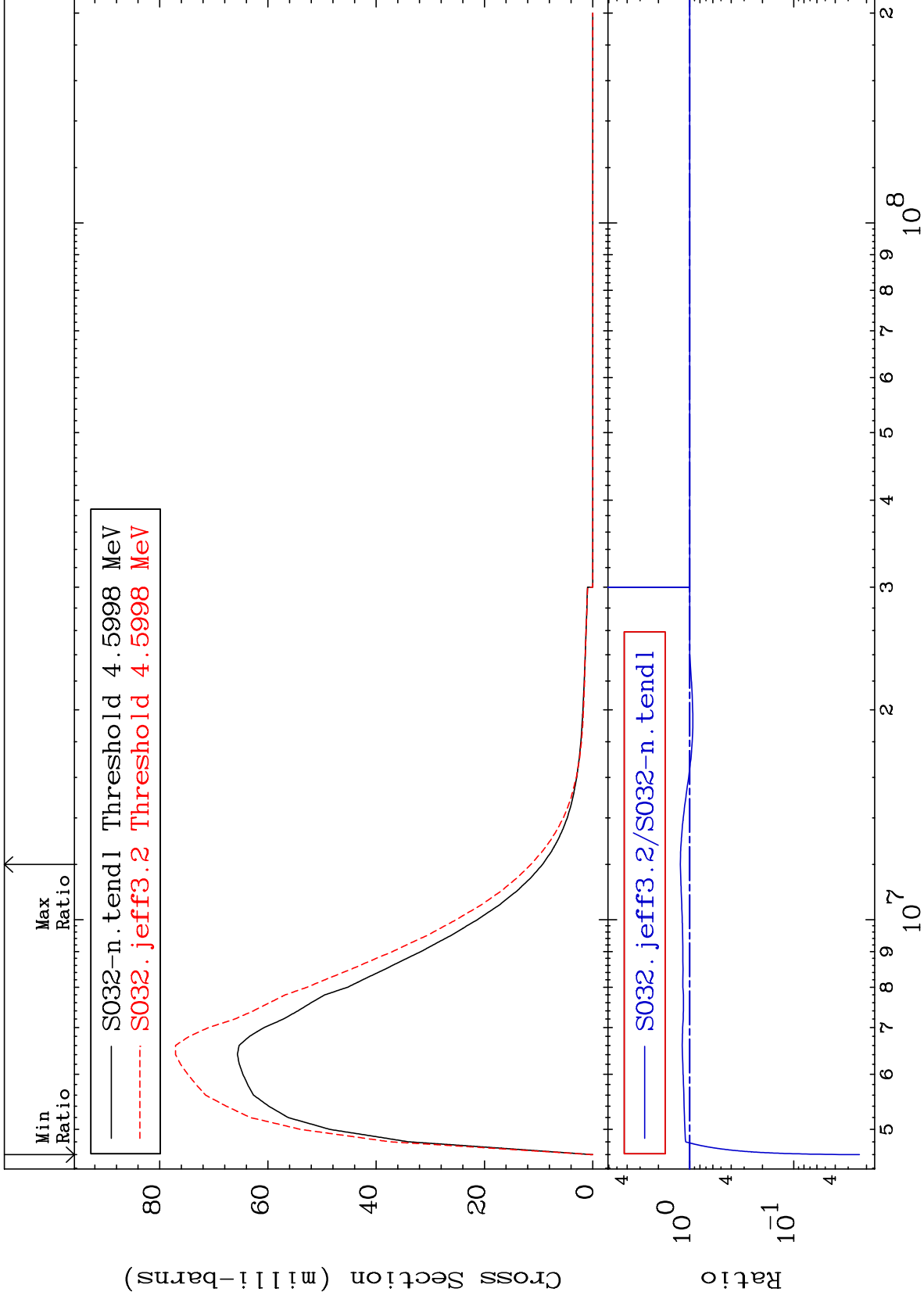
Incident Energy (eV)

16-S -32

MAT 1625

4.459 MeV (n,n') Level
Cross Section

16-S -32
-97.66 To 23.06 %



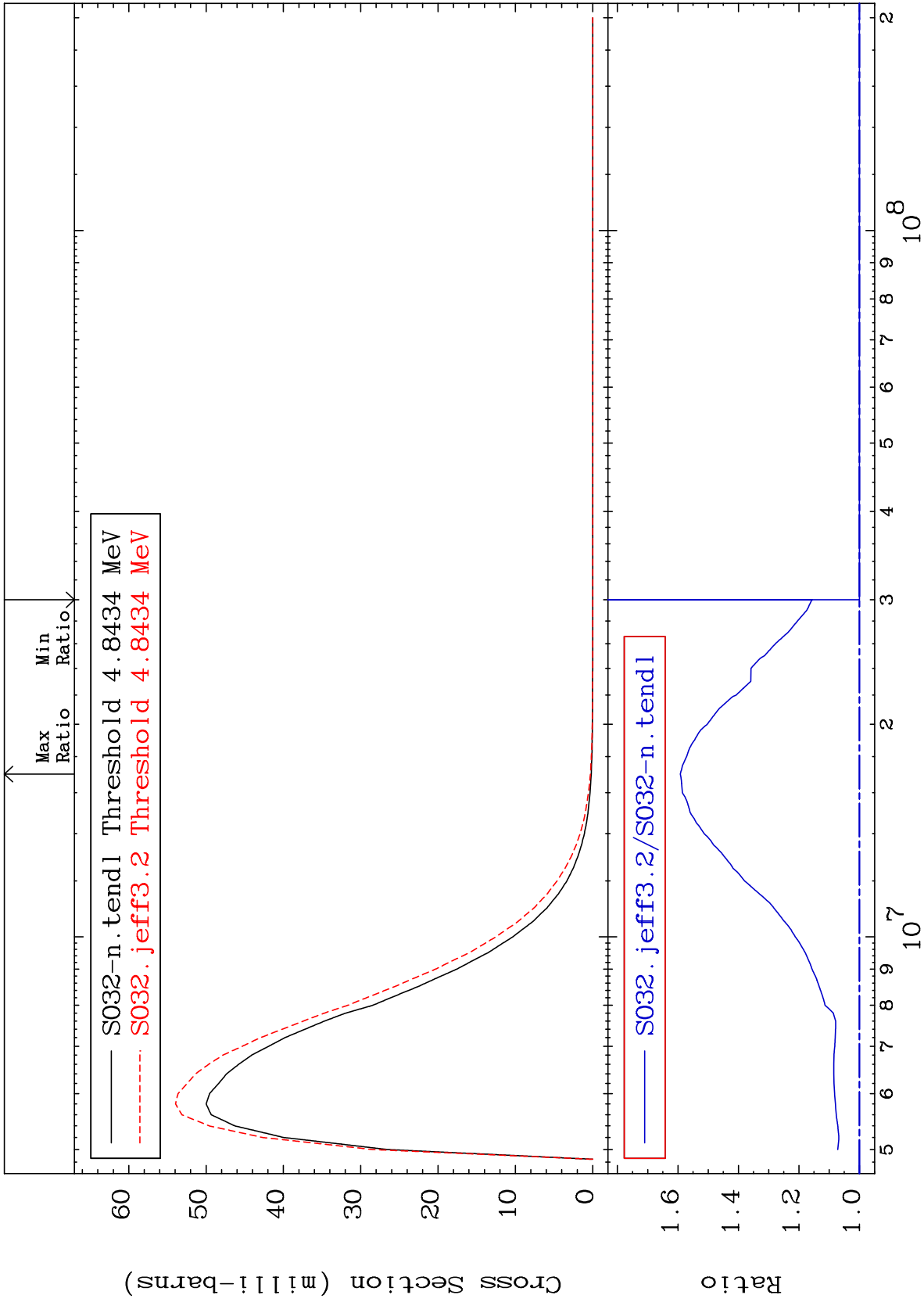
20

16-S -32

MAT 1625

4.695 MeV (n,n') Level
Cross Section

0.000 To 59.20 %
16-S -32



21

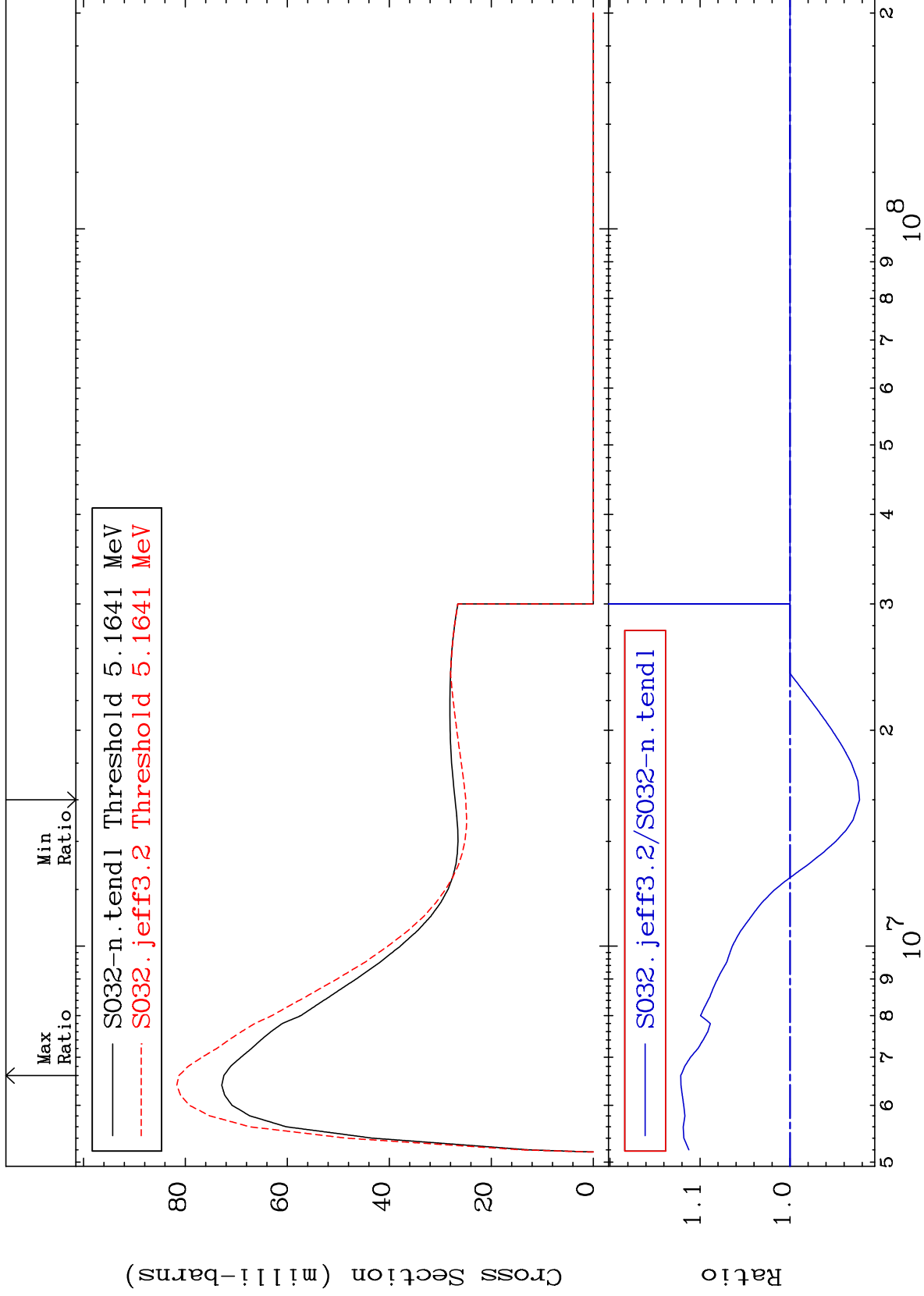
Incident Energy (eV)

16-S -32

MAT 1625

5.006 MeV (n,n') Level
Cross Section

16-S -32
-7.710 To 12.13 %



22

16-S -32

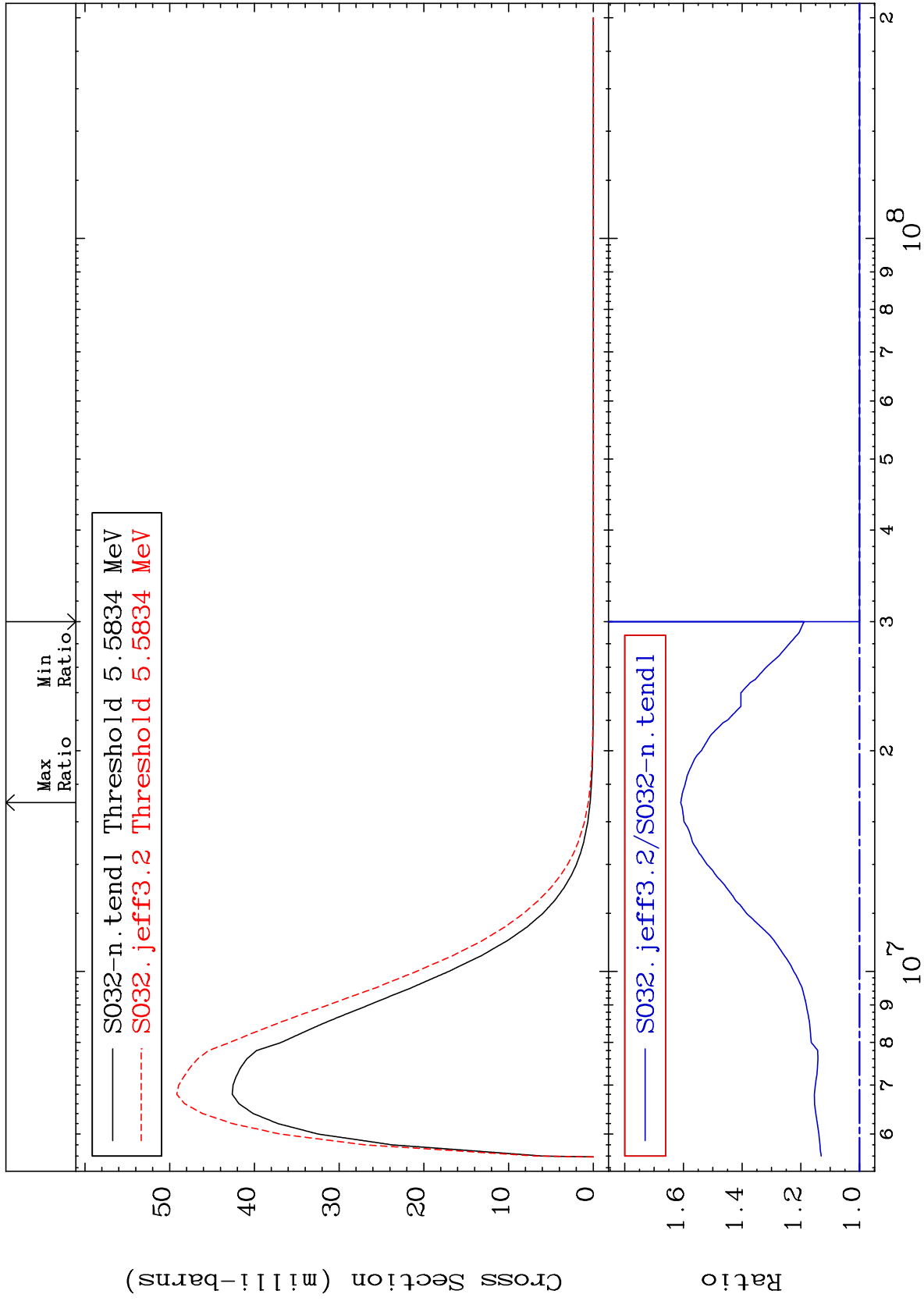
MAT 1625

5.413 MeV (n,n') Level

16-S -32

0.000 To 60.91 %

Cross Section



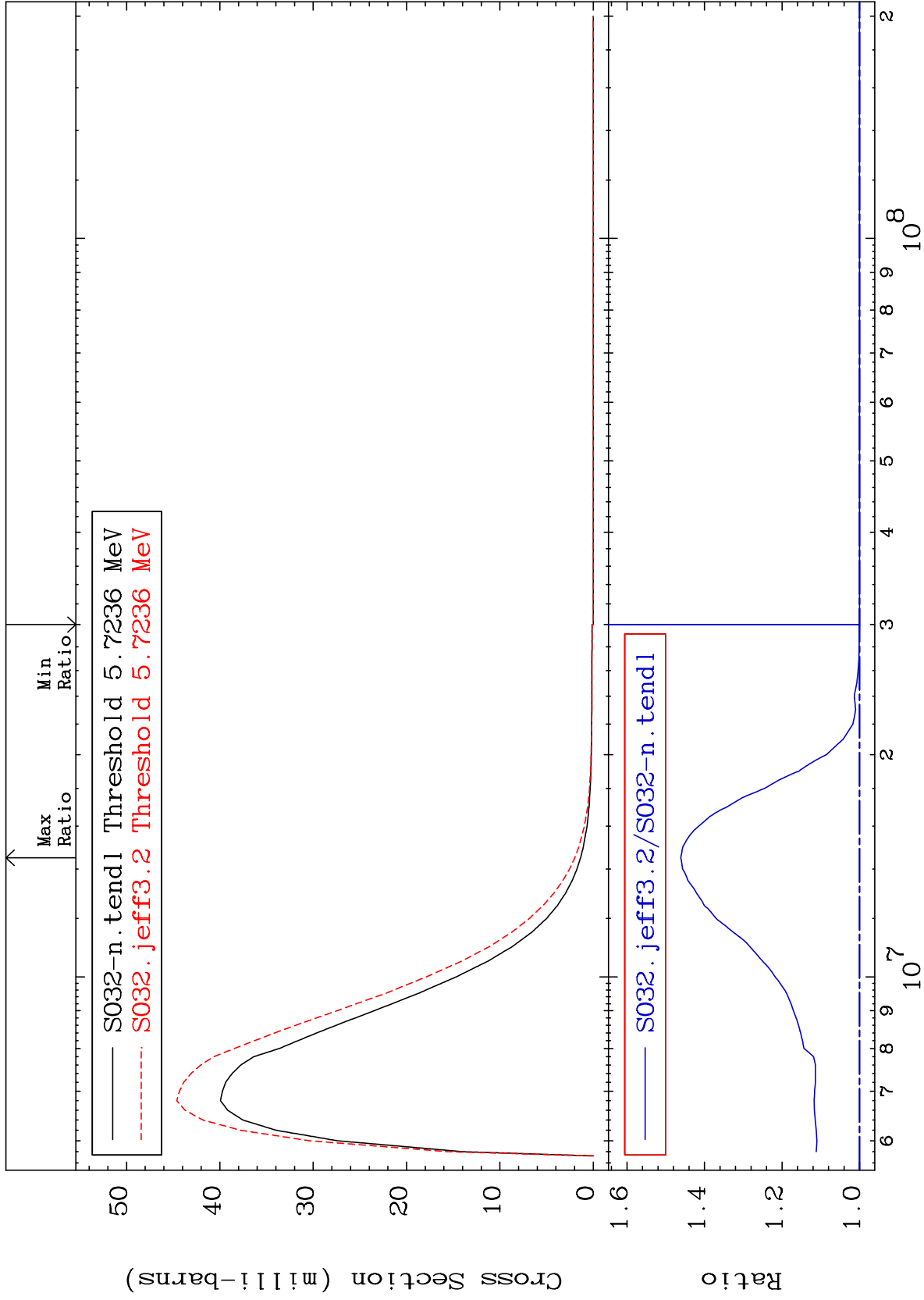
MAT 1625

5.549 MeV (n,n') Level

16-S -32

0.000 To 46.12 %

Cross Section



24

Incident Energy (eV)

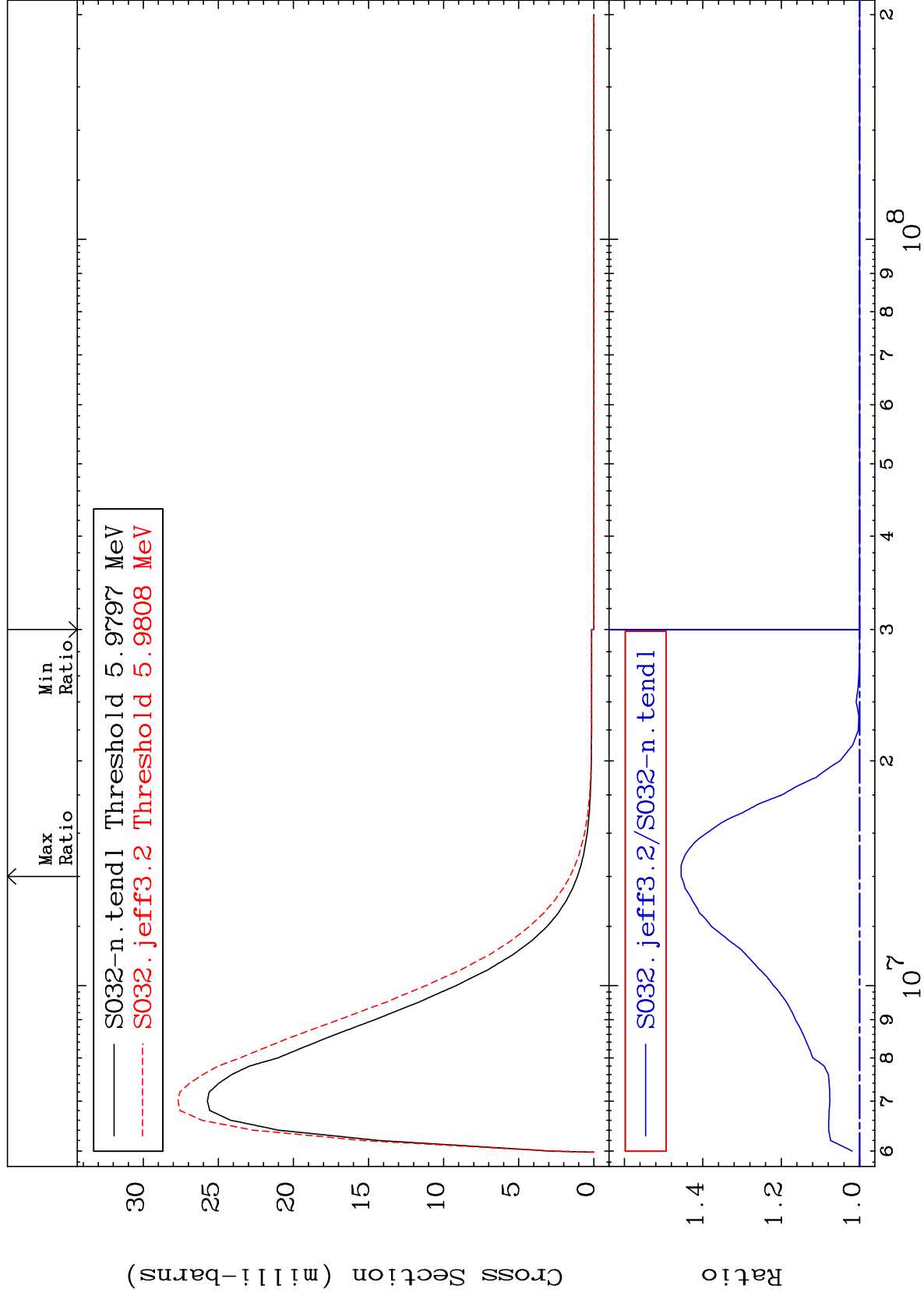
16-S -32

MAT 1625

5.797 MeV (n,n') Level

16-S -32

0.000 To 45.51 %



25

Incident Energy (eV)

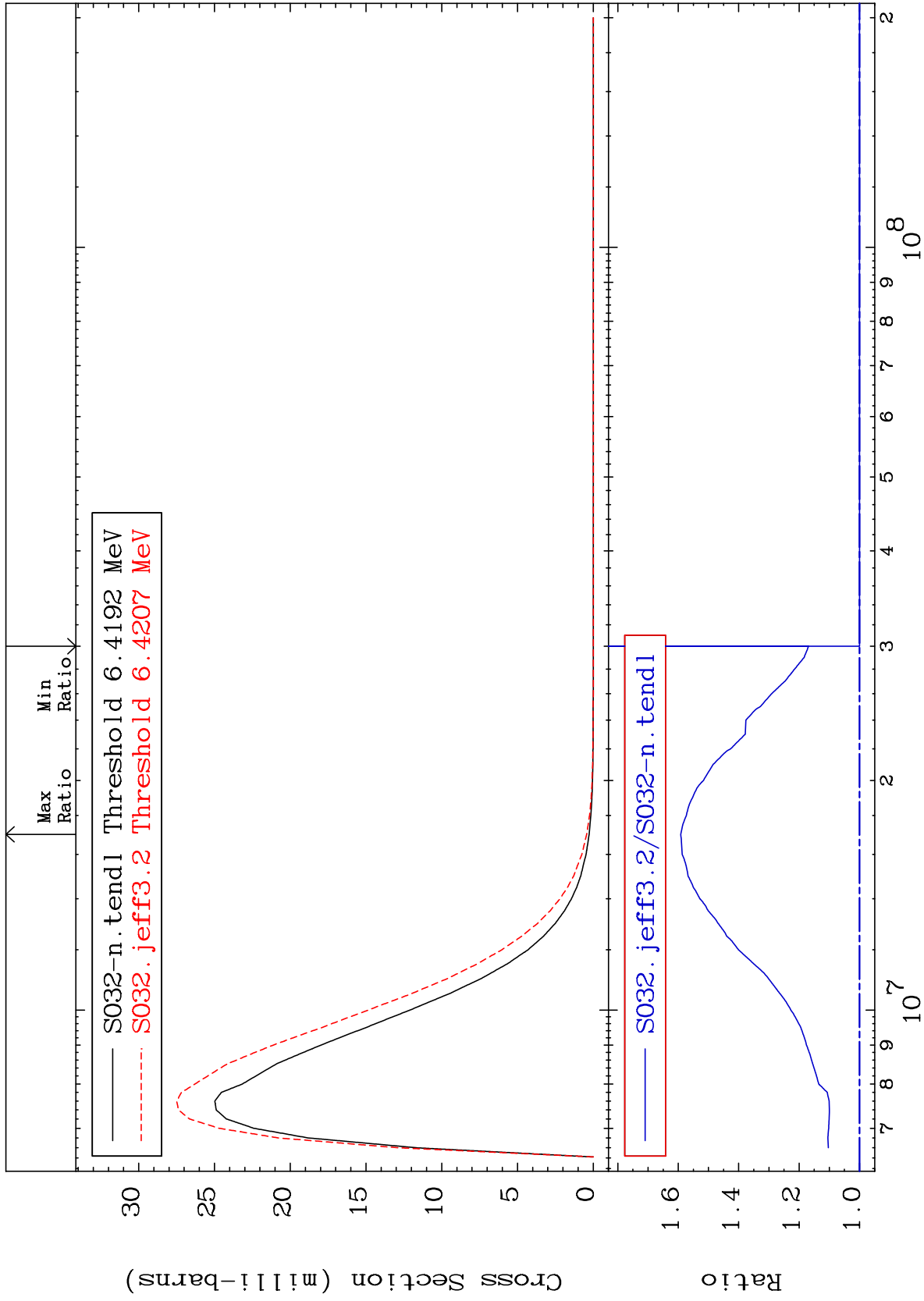
16-S -32

MAT 1625

6.223 MeV (n,n') Level

16-S -32

Cross Section
0.000 To 59.17 %



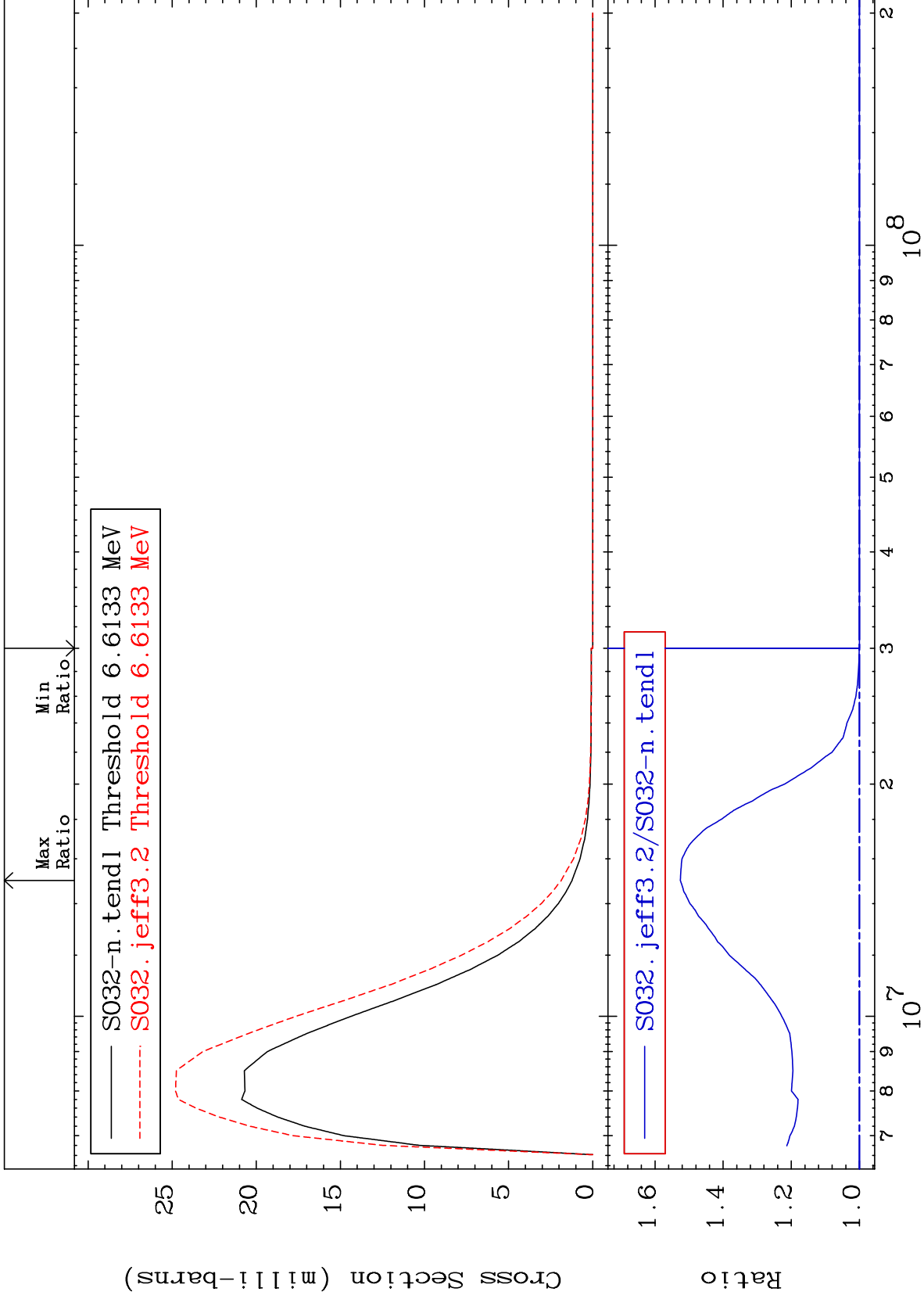
26

16-S -32

MAT 1625

6.411 MeV (n,n') Level
Cross Section

16-S -32
0.000 To 52.55 %



27

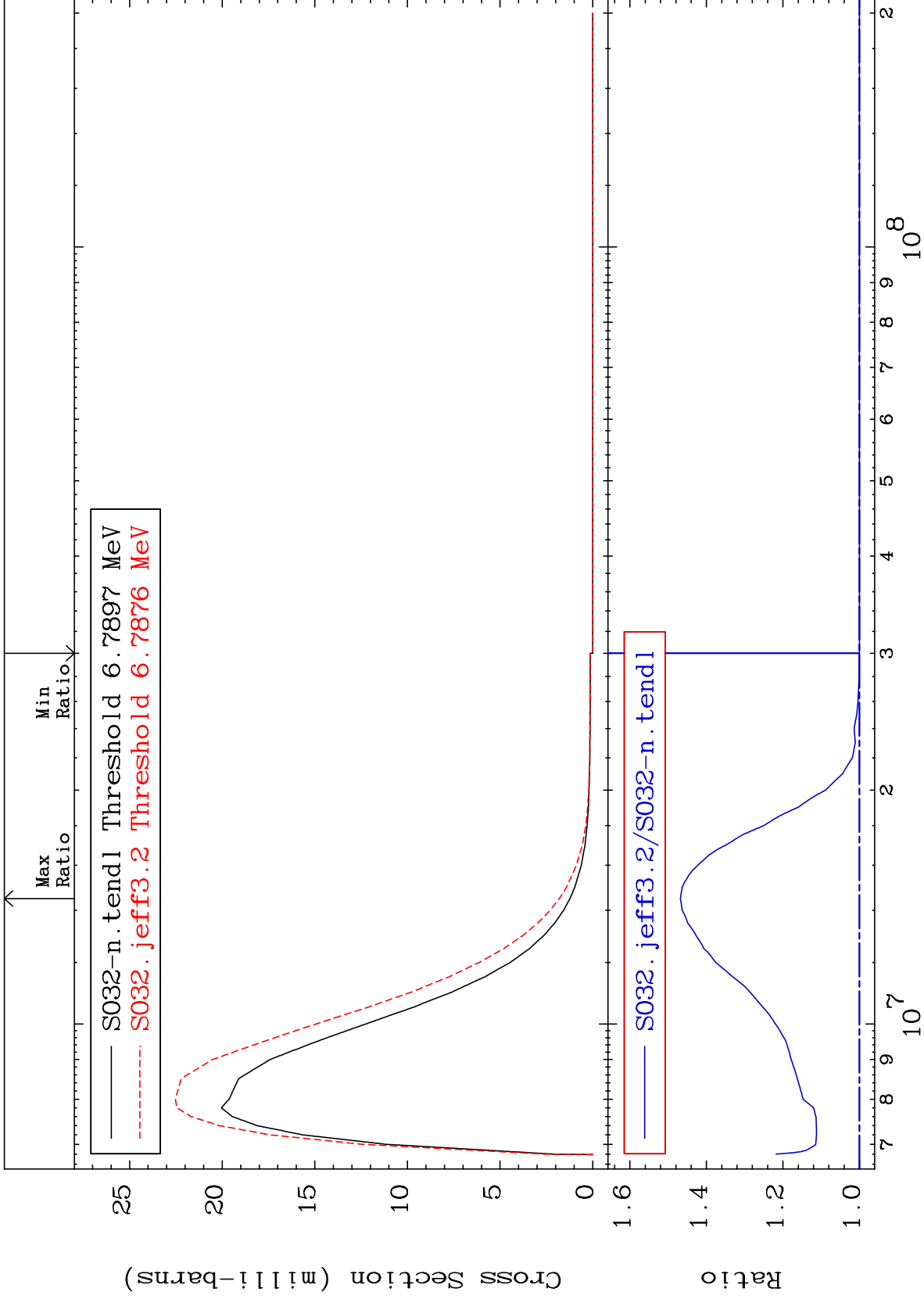
Incident Energy (eV)

16-S -32

MAT 1625

6.582 MeV (n,n') Level
Cross Section

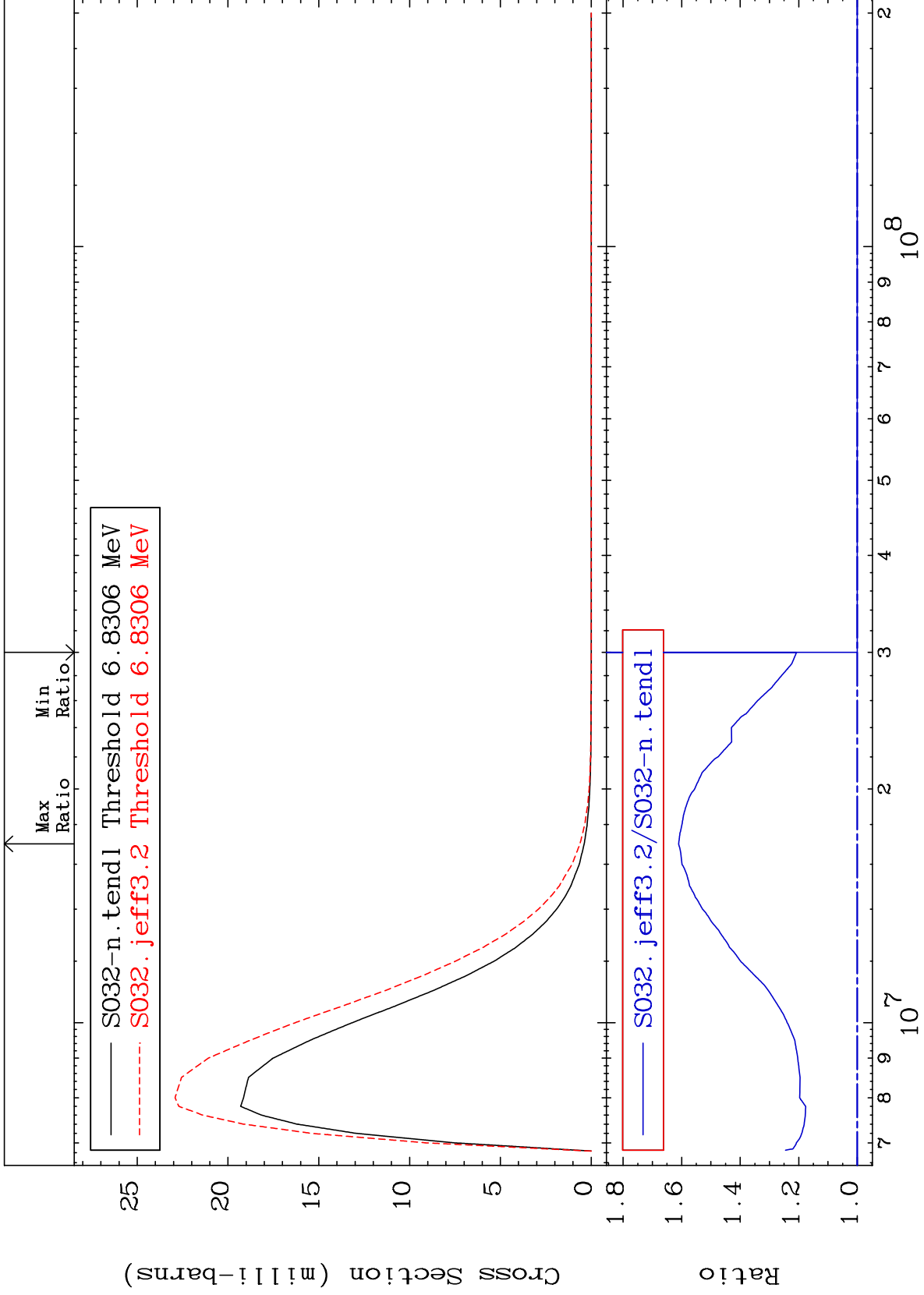
0.000 To 46.82 %
16-S -32



MAT 1625

6.622 MeV (n,n') Level
Cross Section

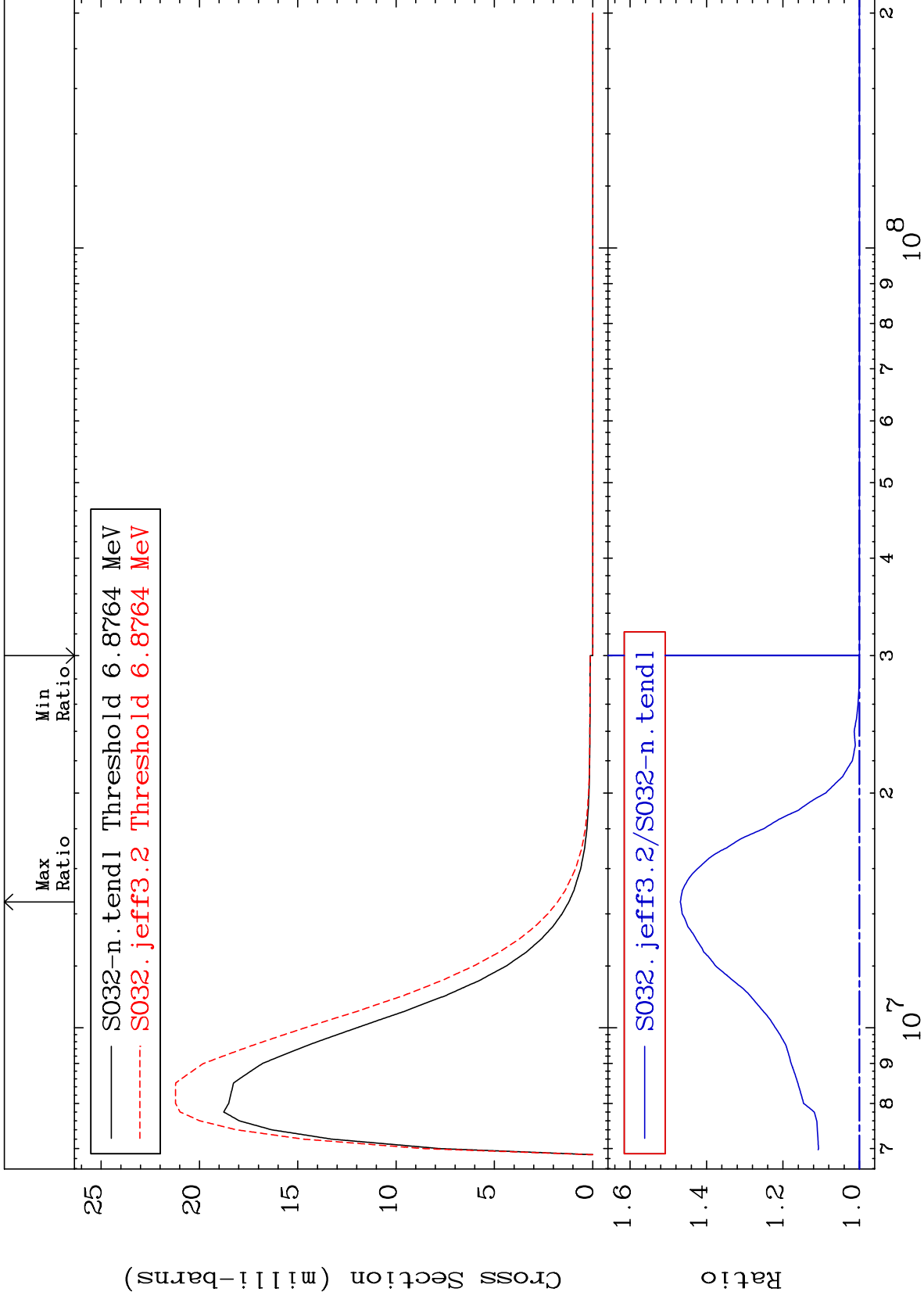
16-S -32
0.000 To 61.03 %



MAT 1625

6.666 MeV (n,n') Level
Cross Section

16-S -32
0.000 To 46.86 %



30

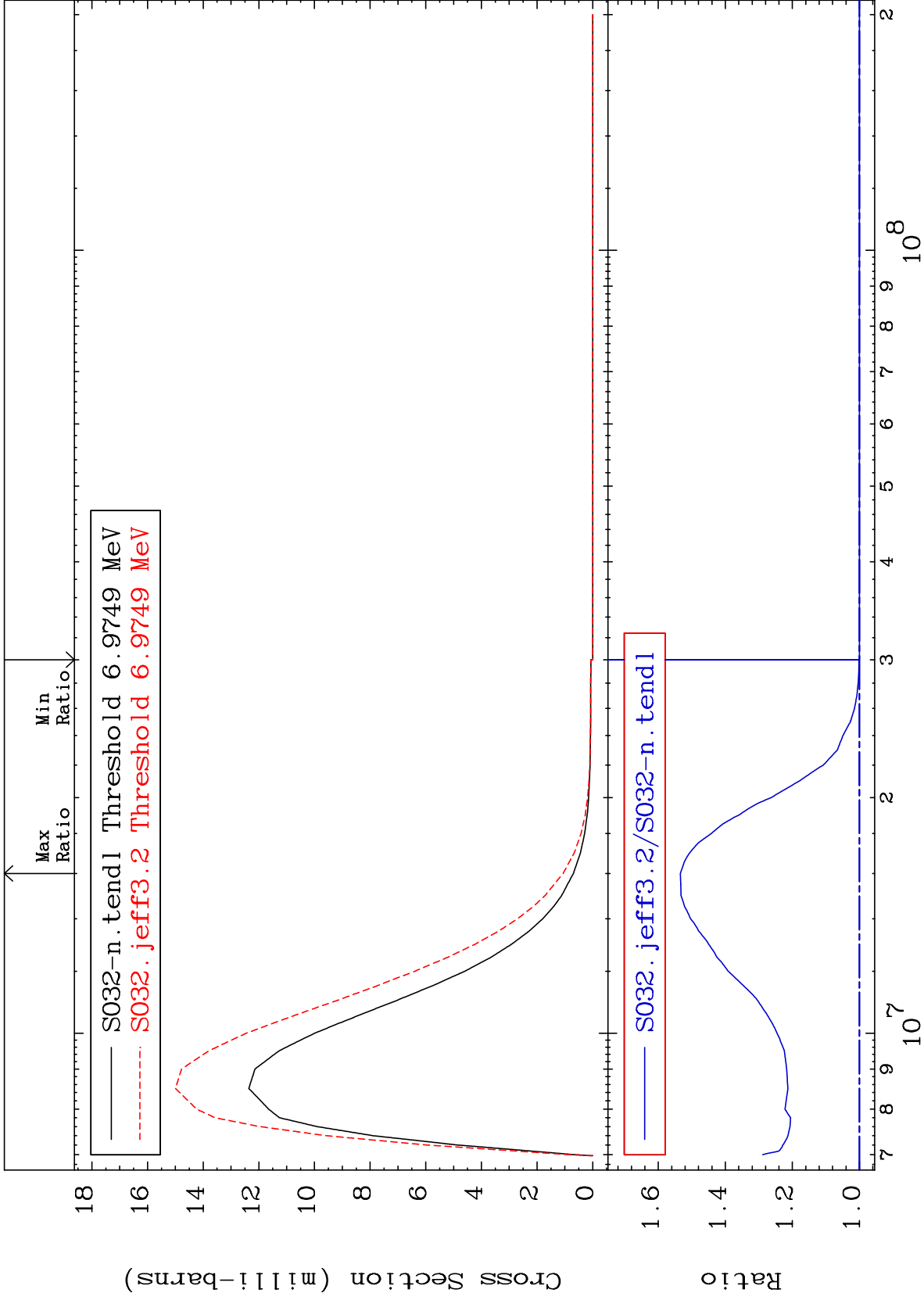
Incident Energy (eV)

16-S -32

MAT 1625

6.762 MeV (n,n') Level
Cross Section

16-S -32
0.000 To 53.42 %

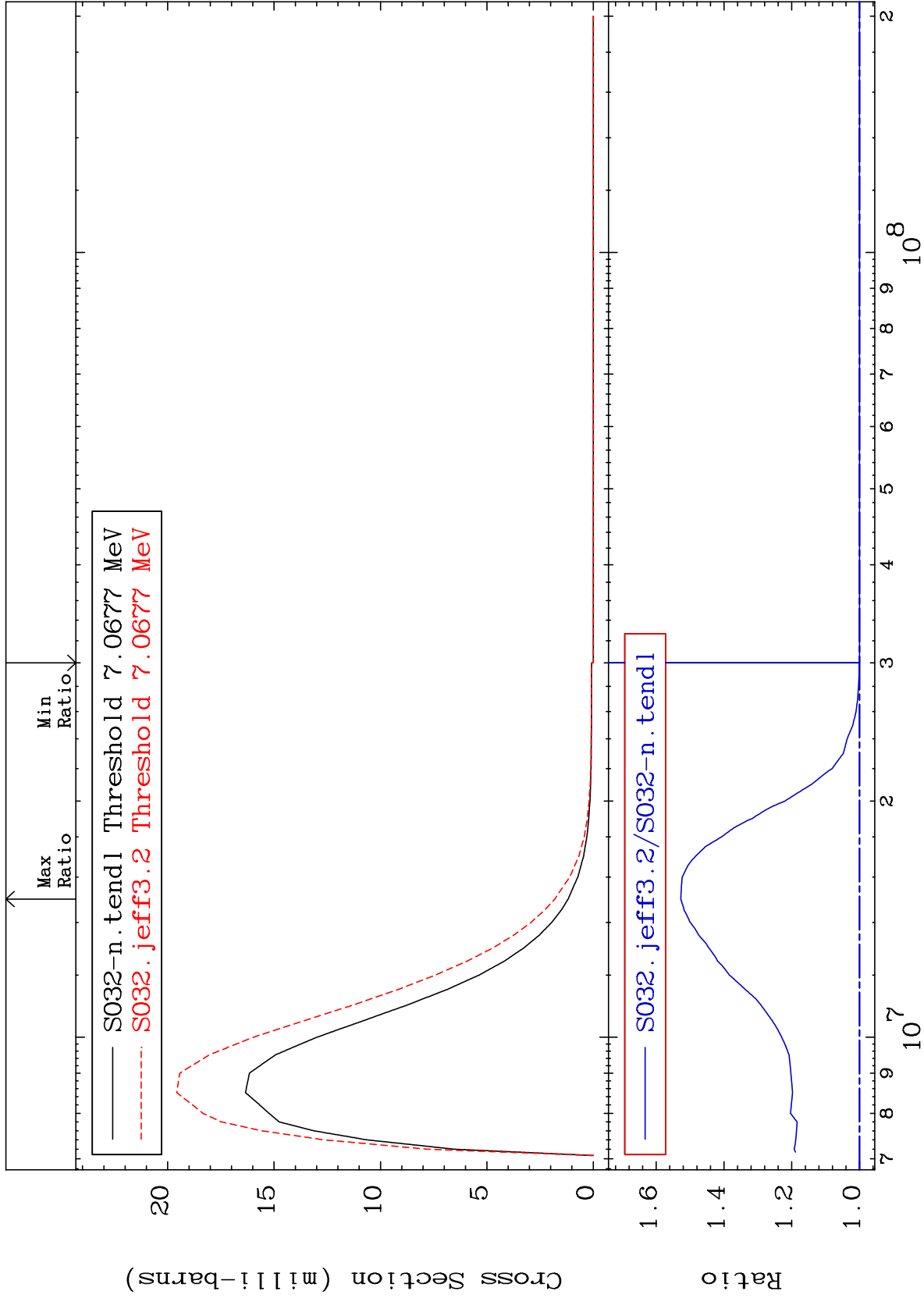


MAT 1625

6.852 MeV (n,n') Level

16-S -32

Cross Section
0.000 To 52.75 %



32

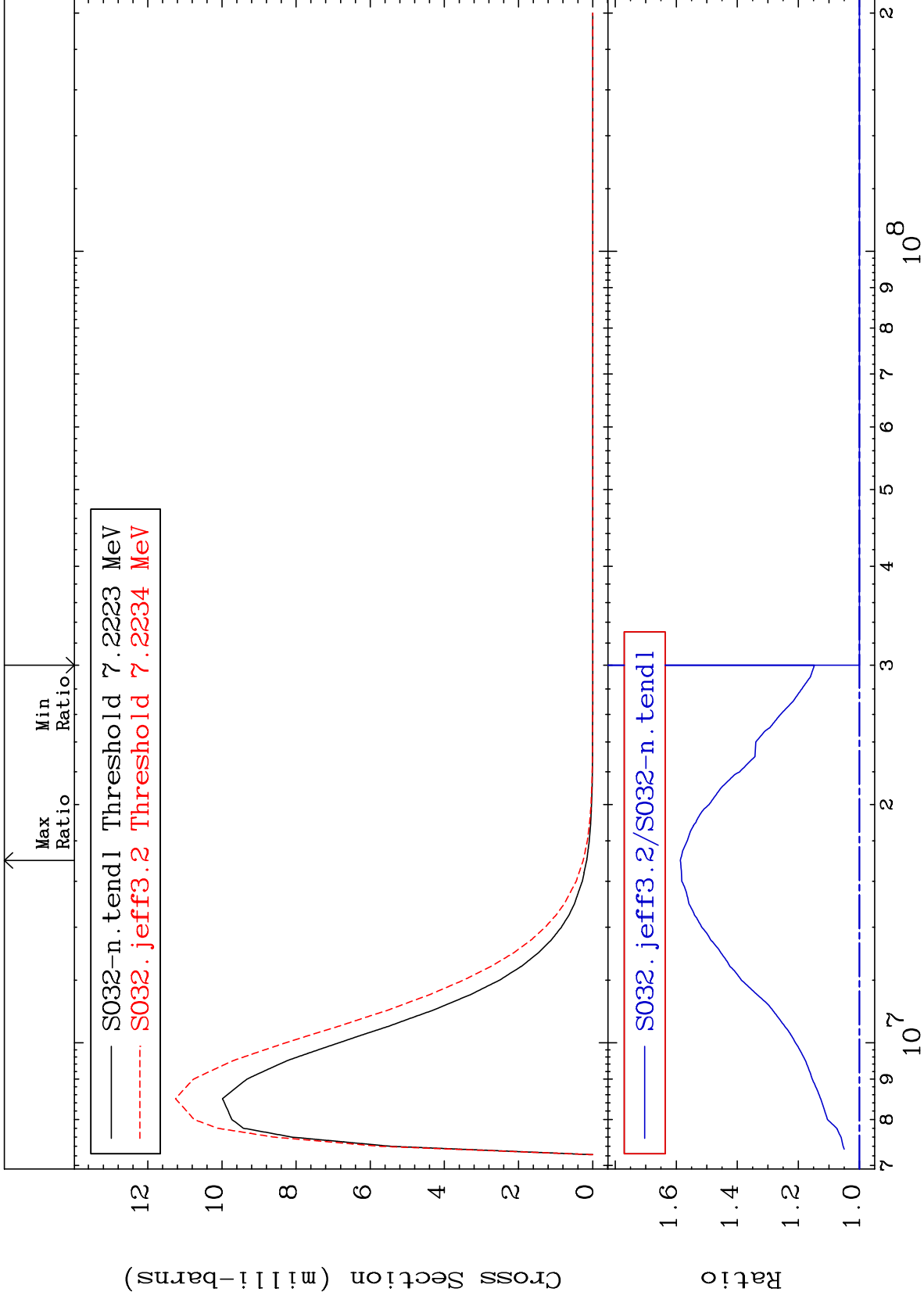
Incident Energy (eV)

16-S -32

MAT 1625

7.001 MeV (n,n') Level
Cross Section

0.000 To 58.66 %
16-S -32

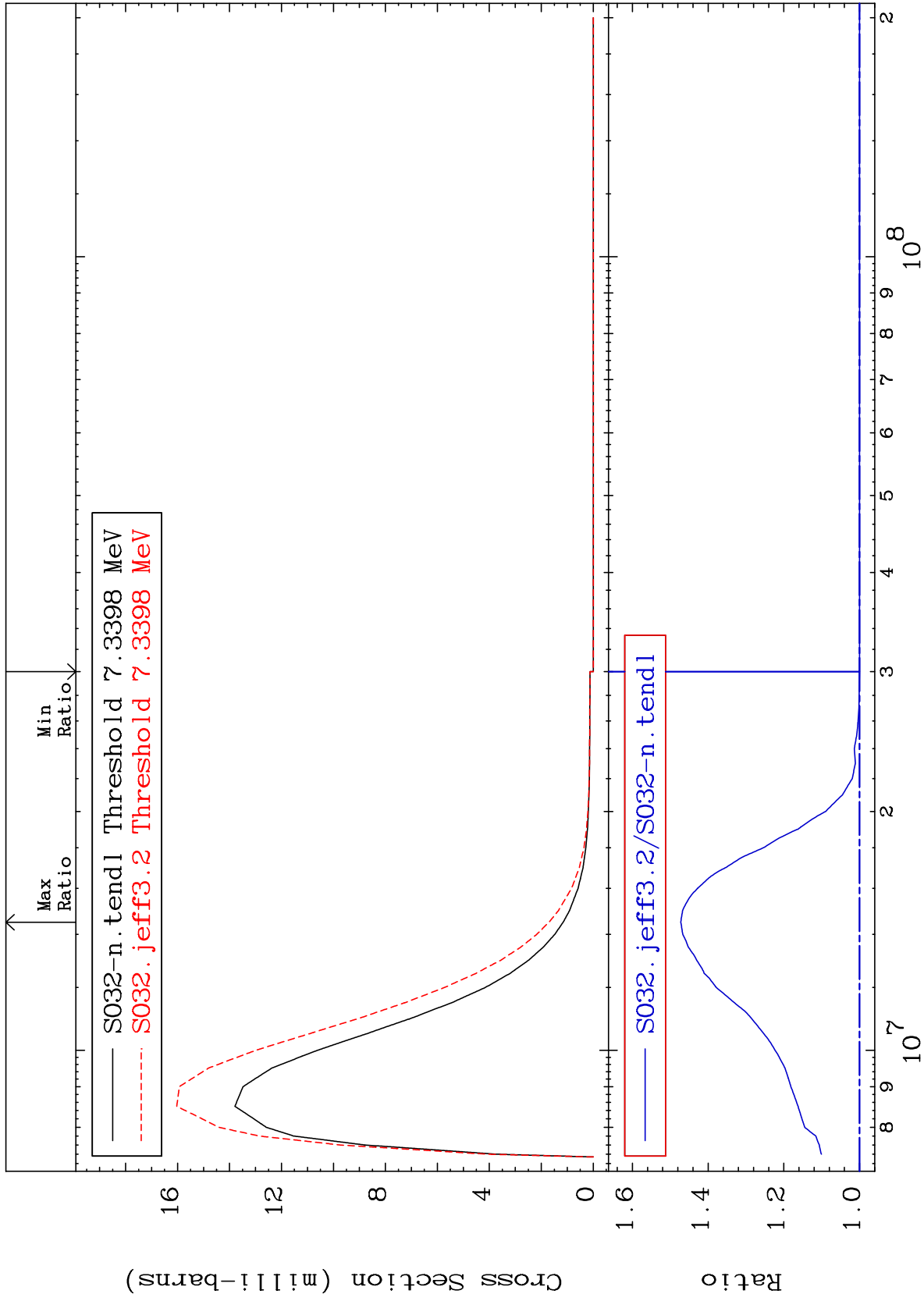


MAT 1625

7.115 MeV (n,n') Level

16-S -32

0.000 To 47.23 %



34

Incident Energy (eV)

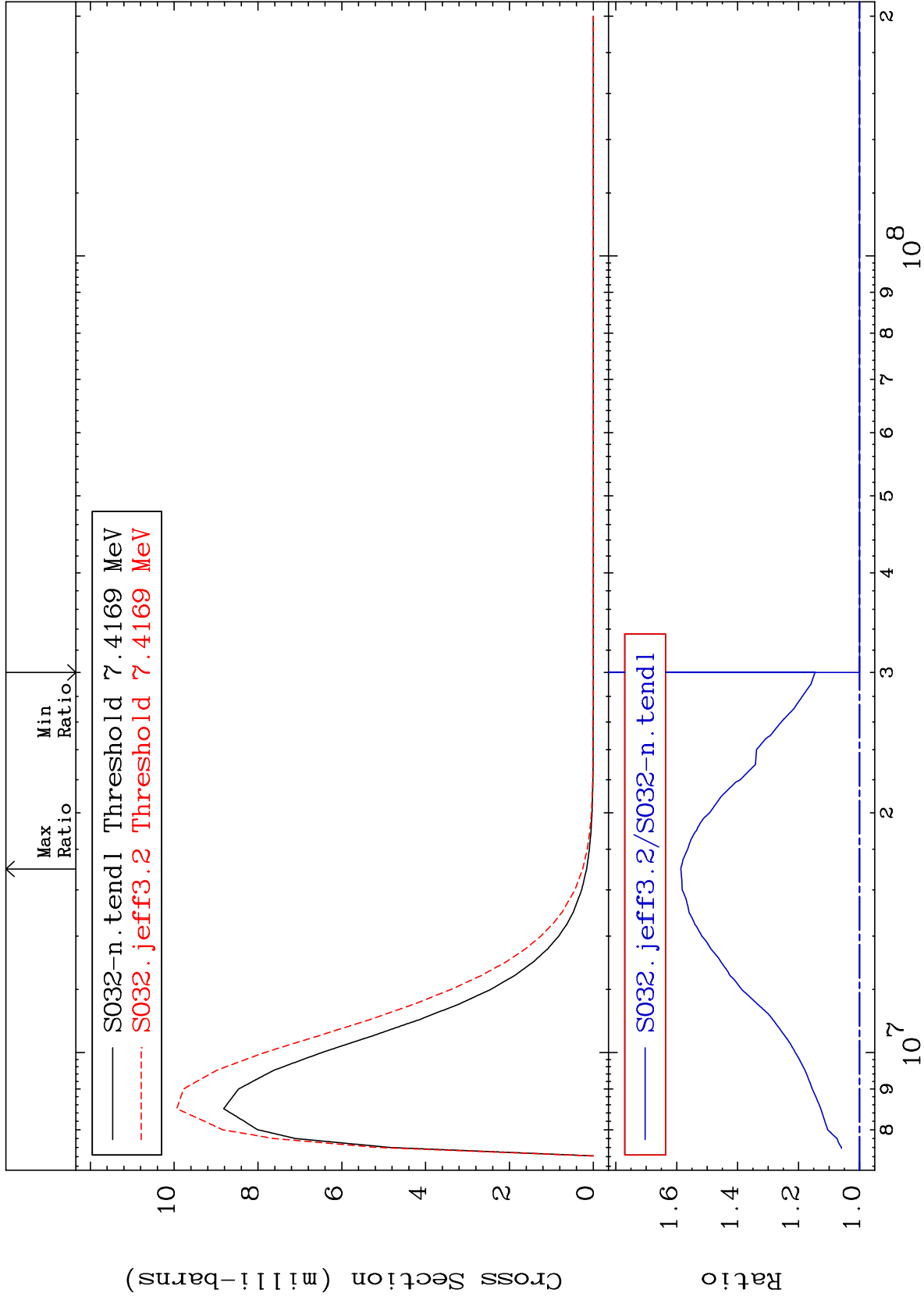
16-S -32

MAT 1625

7.190 MeV (n,n') Level

16-S -32

0.000 To 58.65 %



35

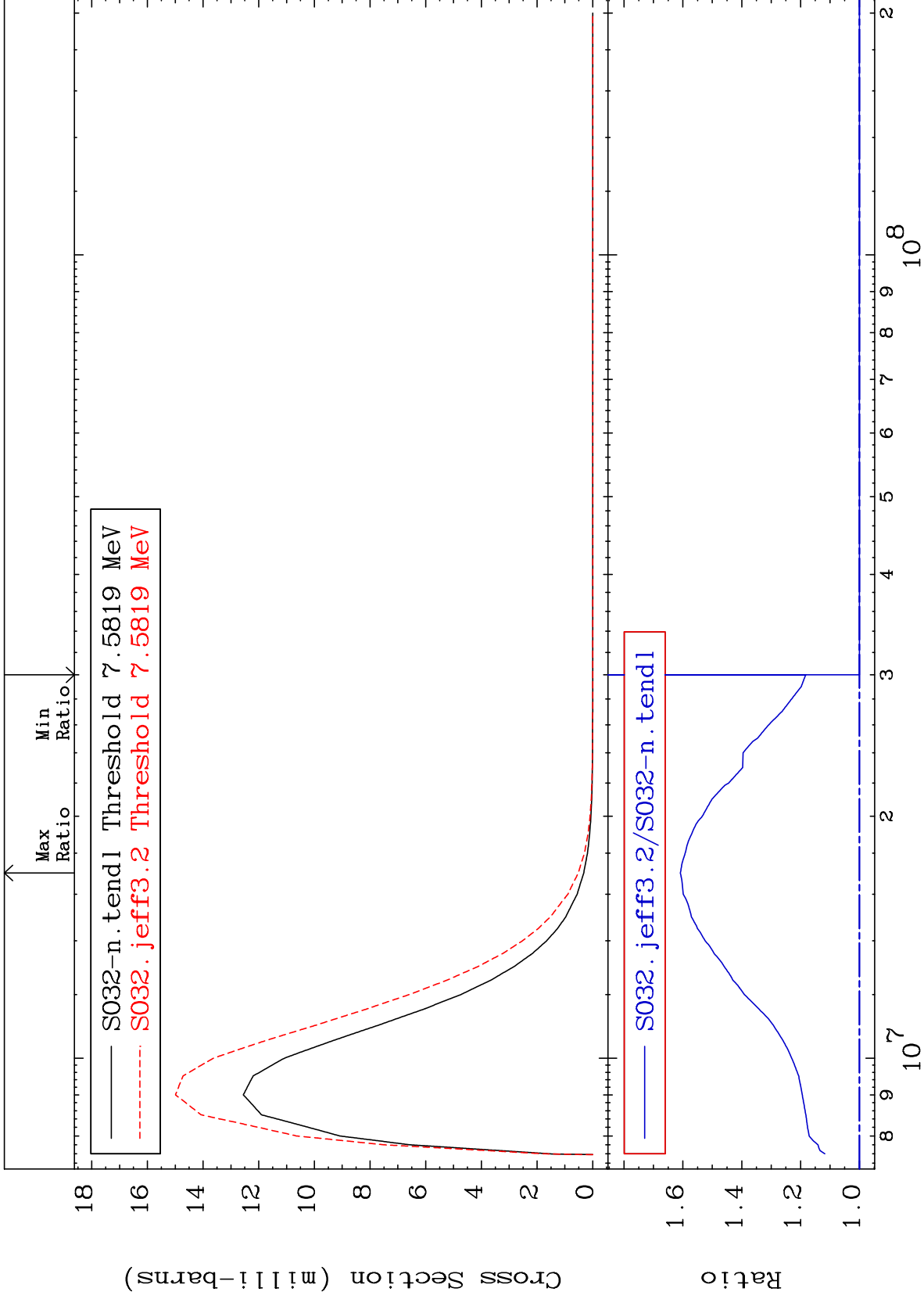
Incident Energy (eV)

16-S -32

MAT 1625

7.350 MeV (n,n') Level
Cross Section

0.000 To 60.86 %
16-S -32



36

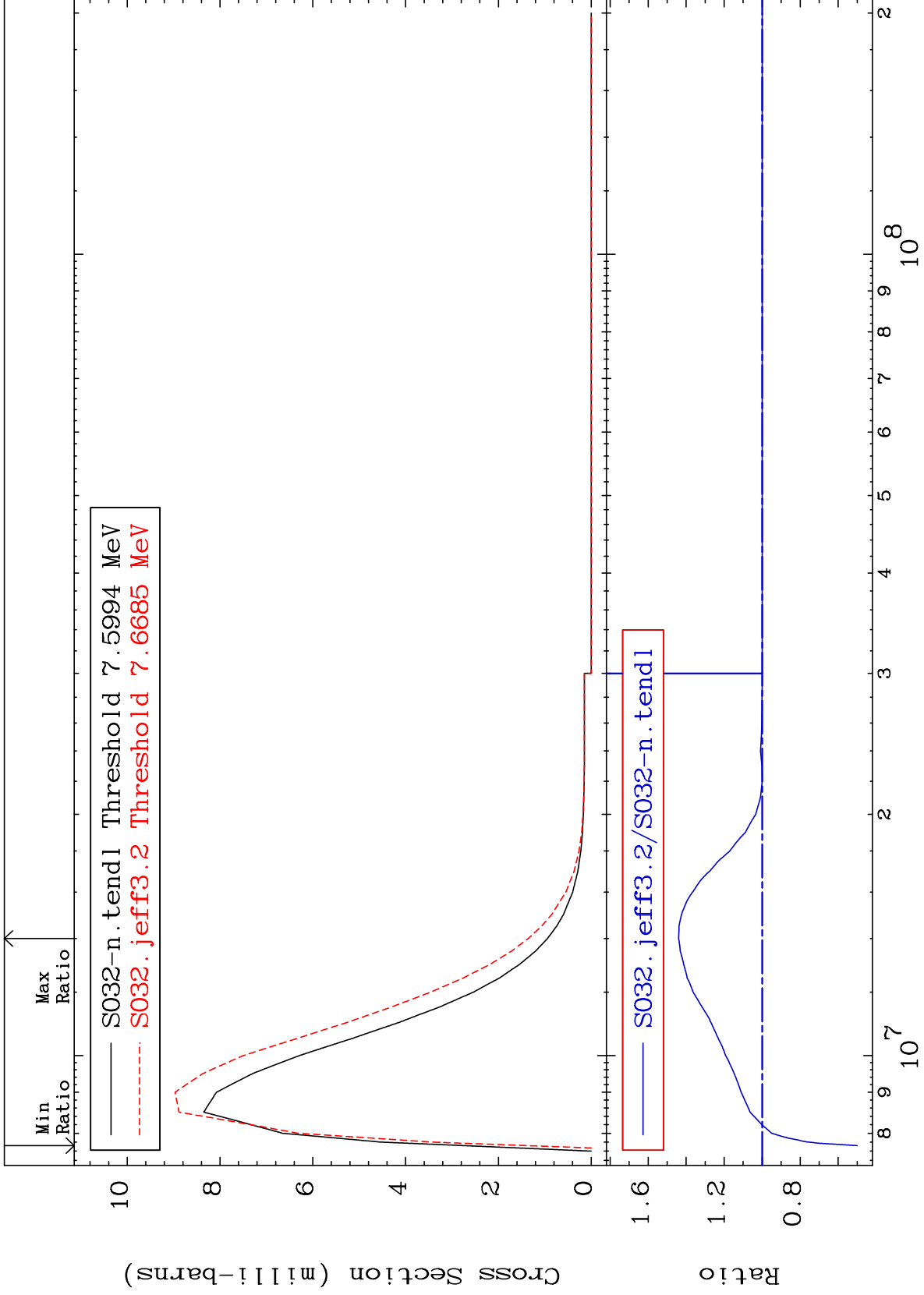
Incident Energy (eV)

16-S -32

MAT 1625

7.367 MeV (n,n') Level
Cross Section

16-S -32
-50.04 To 43.95 %



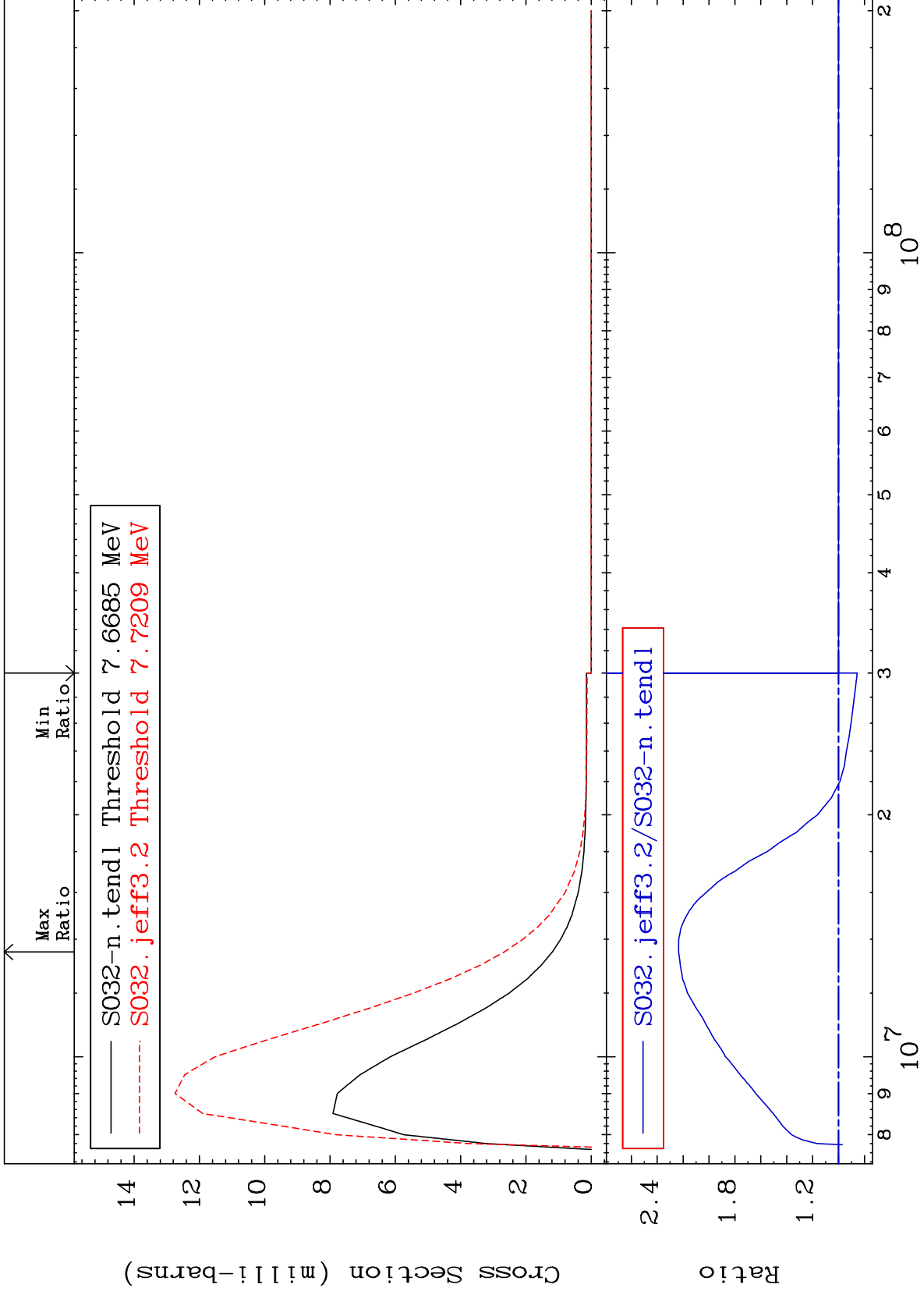
37

16-S -32

MAT 1625

7.434 MeV (n,n') Level
Cross Section

16-S -32
-14.46 To 123.4 %



38

Incident Energy (eV)

16-S -32

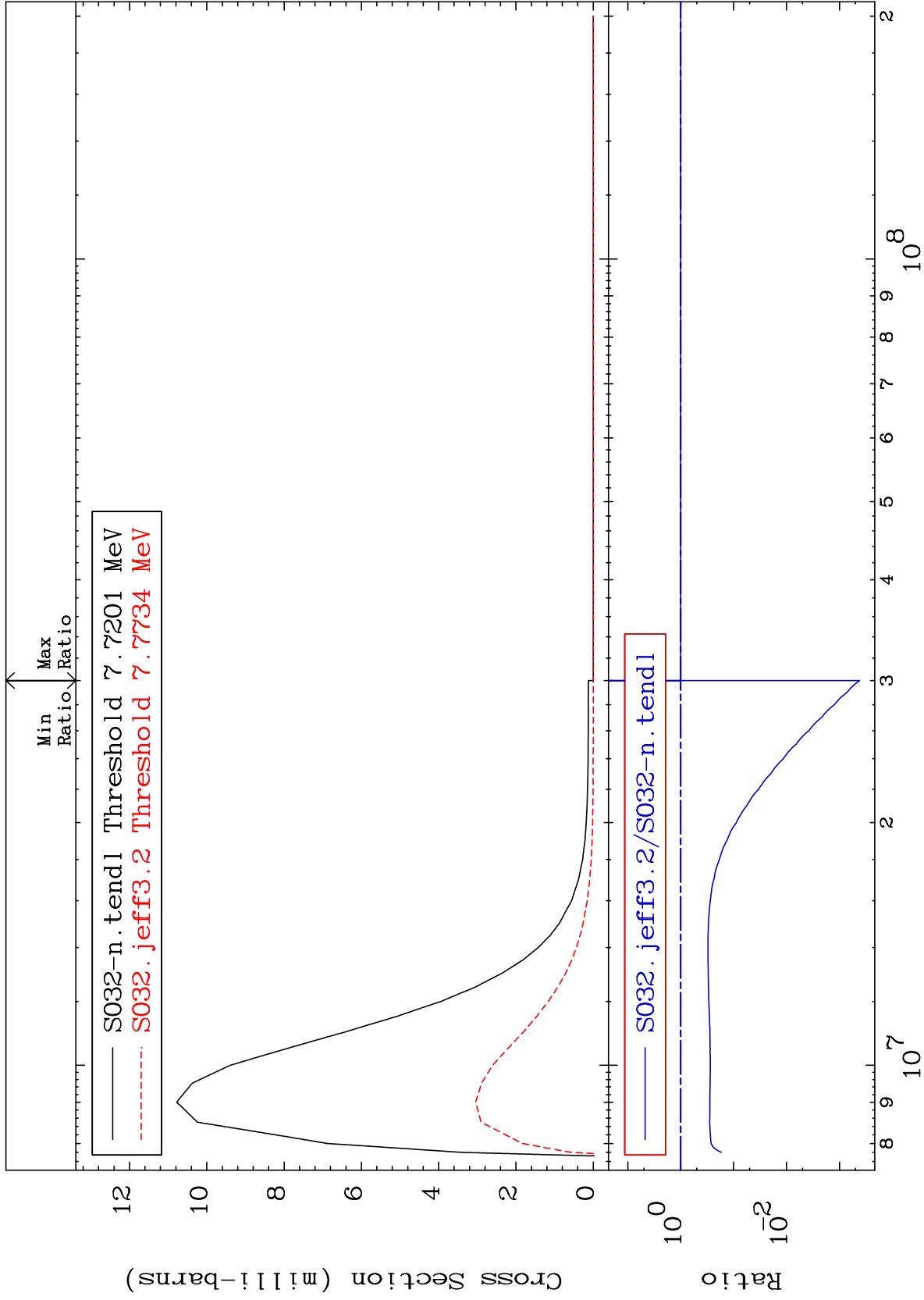
MAT 1625

7.484 MeV (n,n') Level

16-S -32

-99.96 To 0.000 %

Cross Section



39

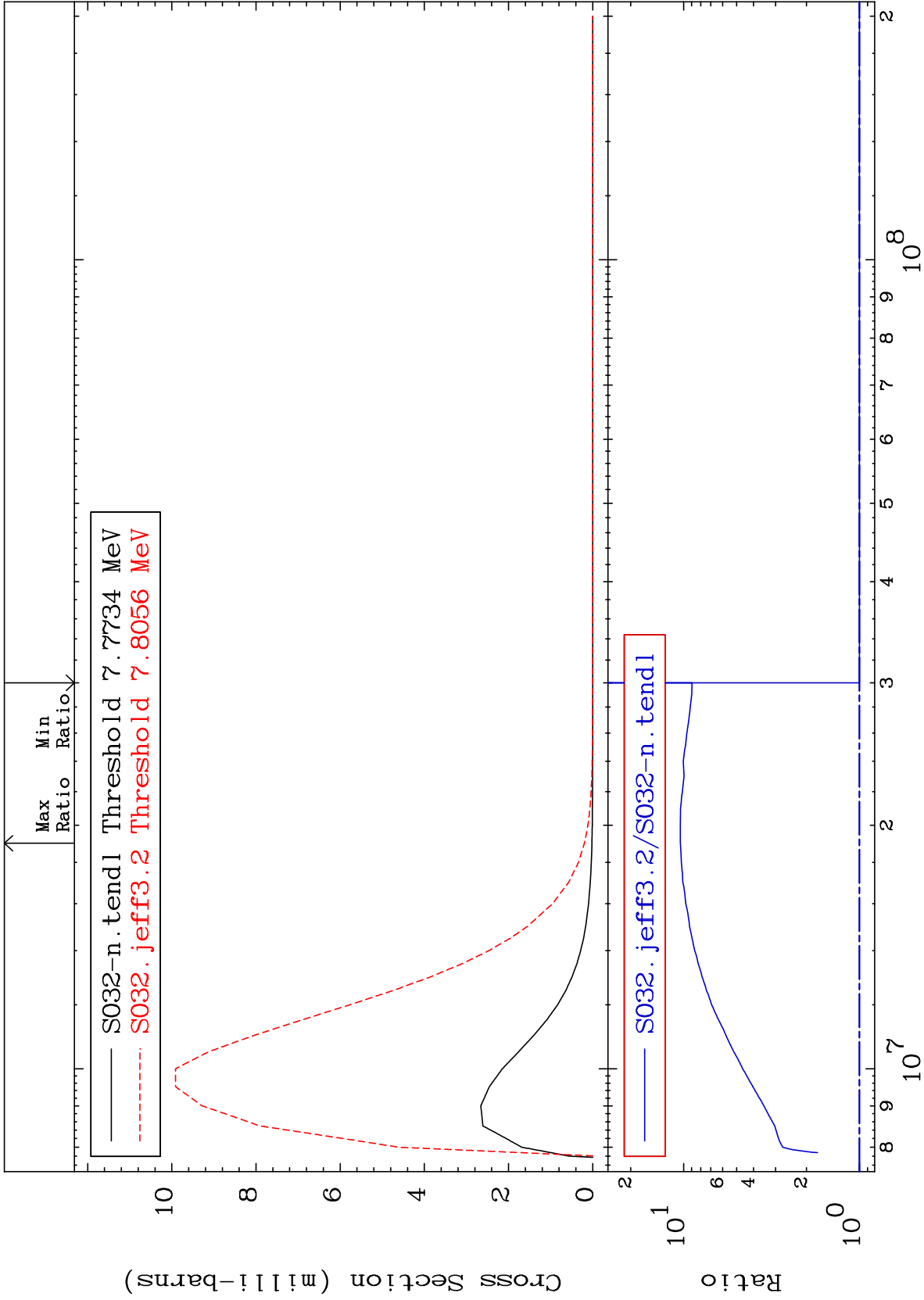
Incident Energy (eV)

16-S -32

MAT 1625

7.536 MeV (n,n') Level
Cross Section

16-S -32
0.000 To 943.6 %



40

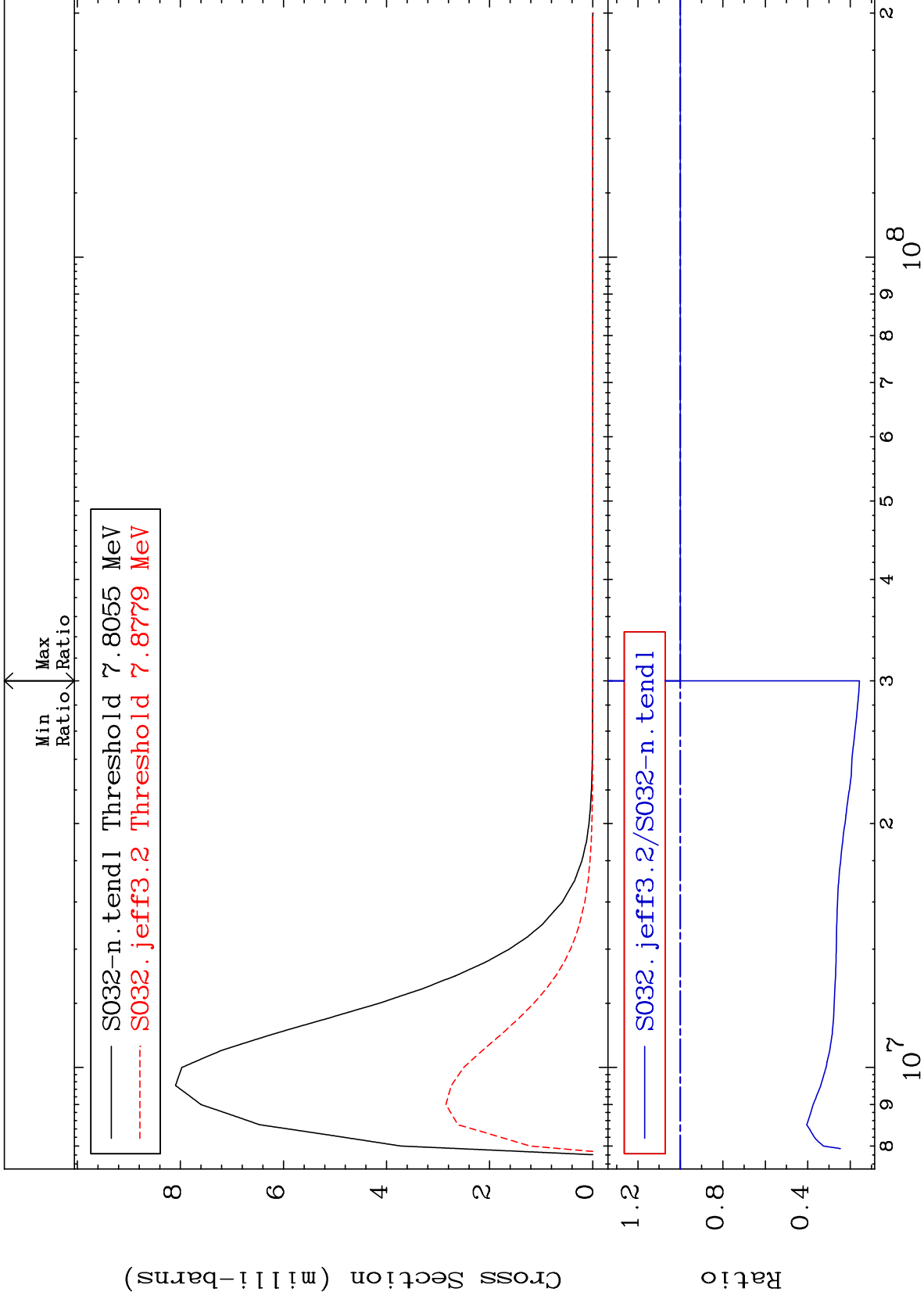
Incident Energy (eV)

16-S -32

MAT 1625

7.567 MeV (n,n') Level
Cross Section

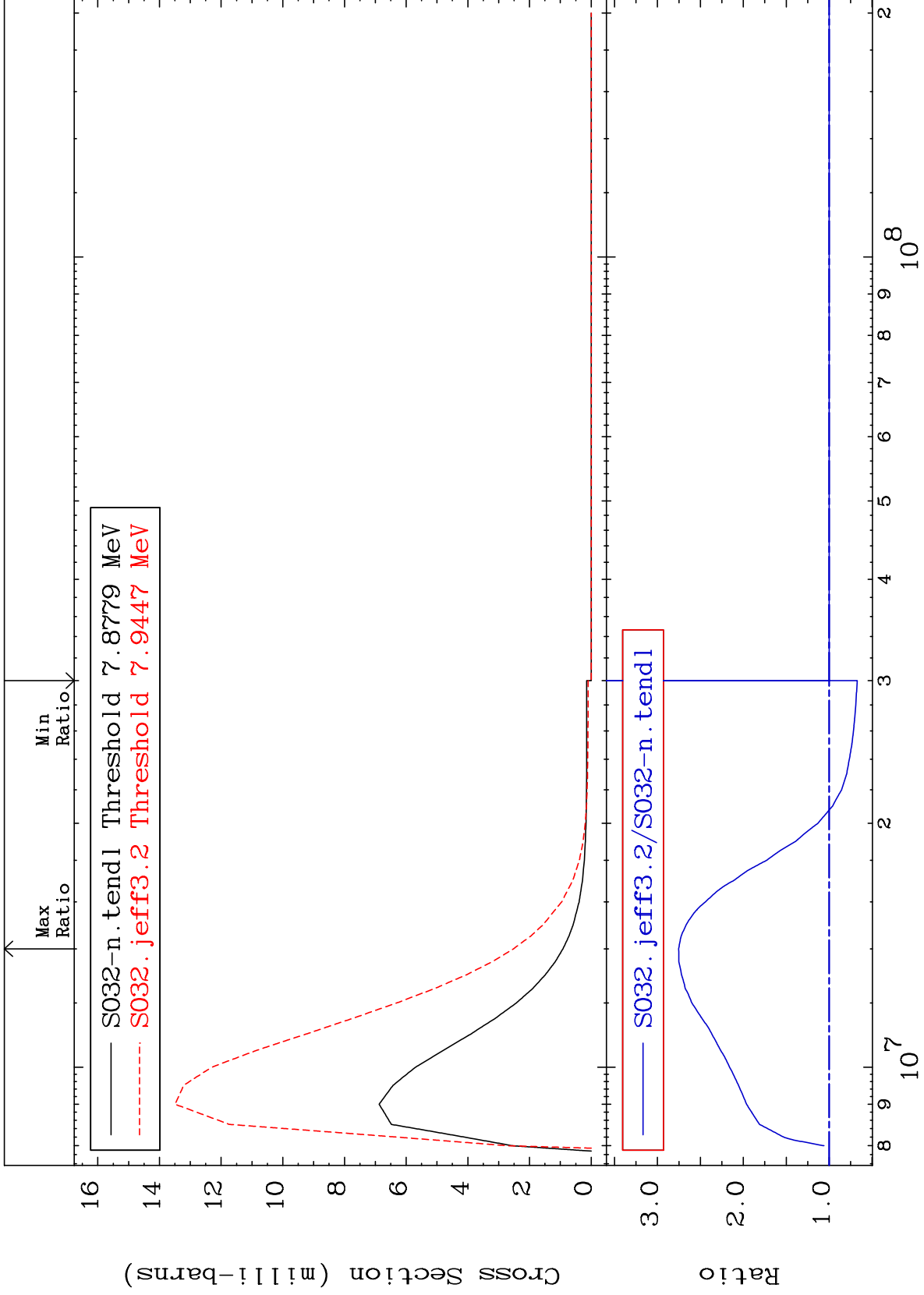
16-S -32
-84.33 To 0.000 %



MAT 1625

7.637 MeV (n,n') Level
Cross Section

16-S -32
-32.71 To 175.3 %



42

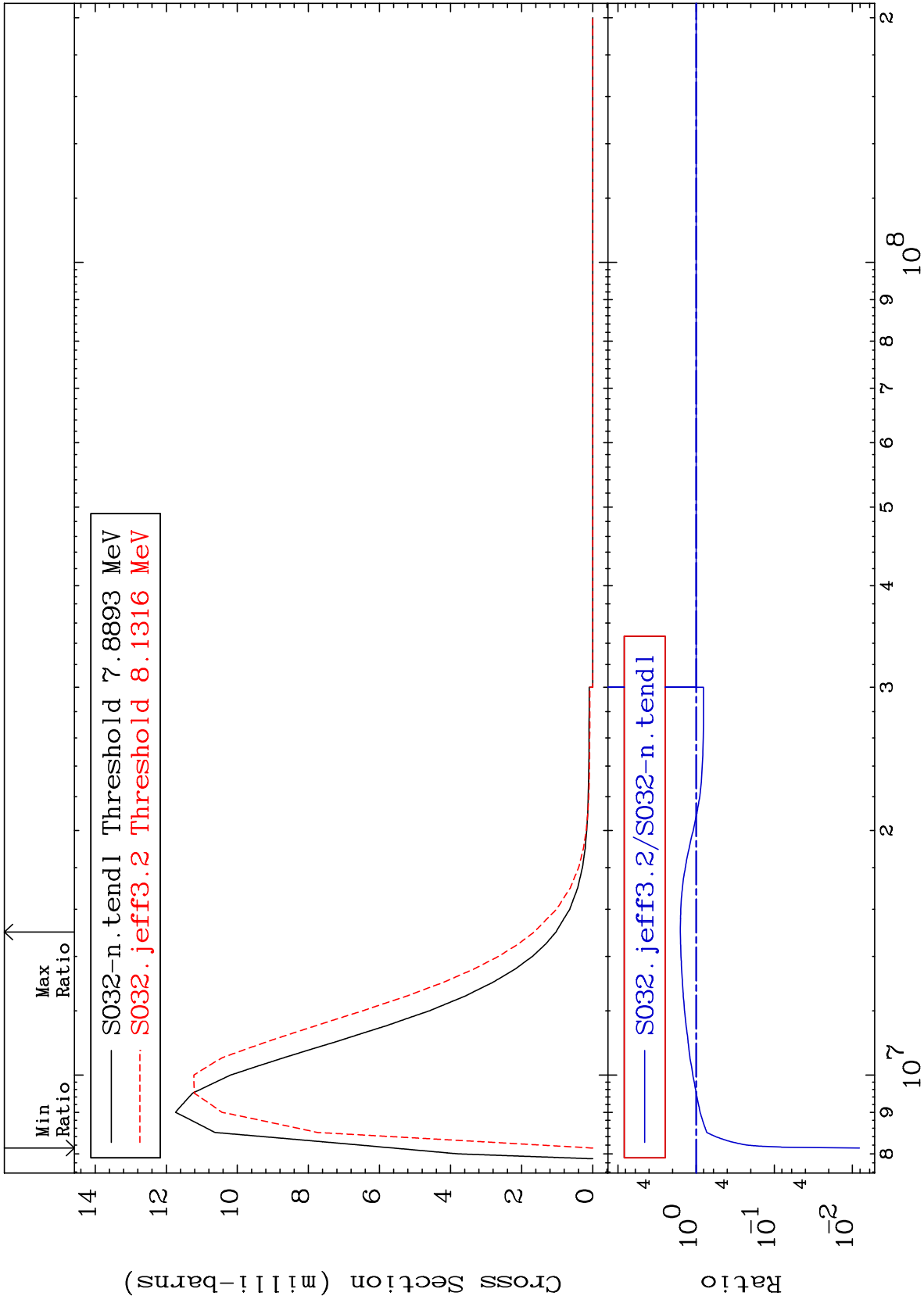
Incident Energy (eV)

16-S -32

MAT 1625

7.648 MeV (n,n') Level
Cross Section

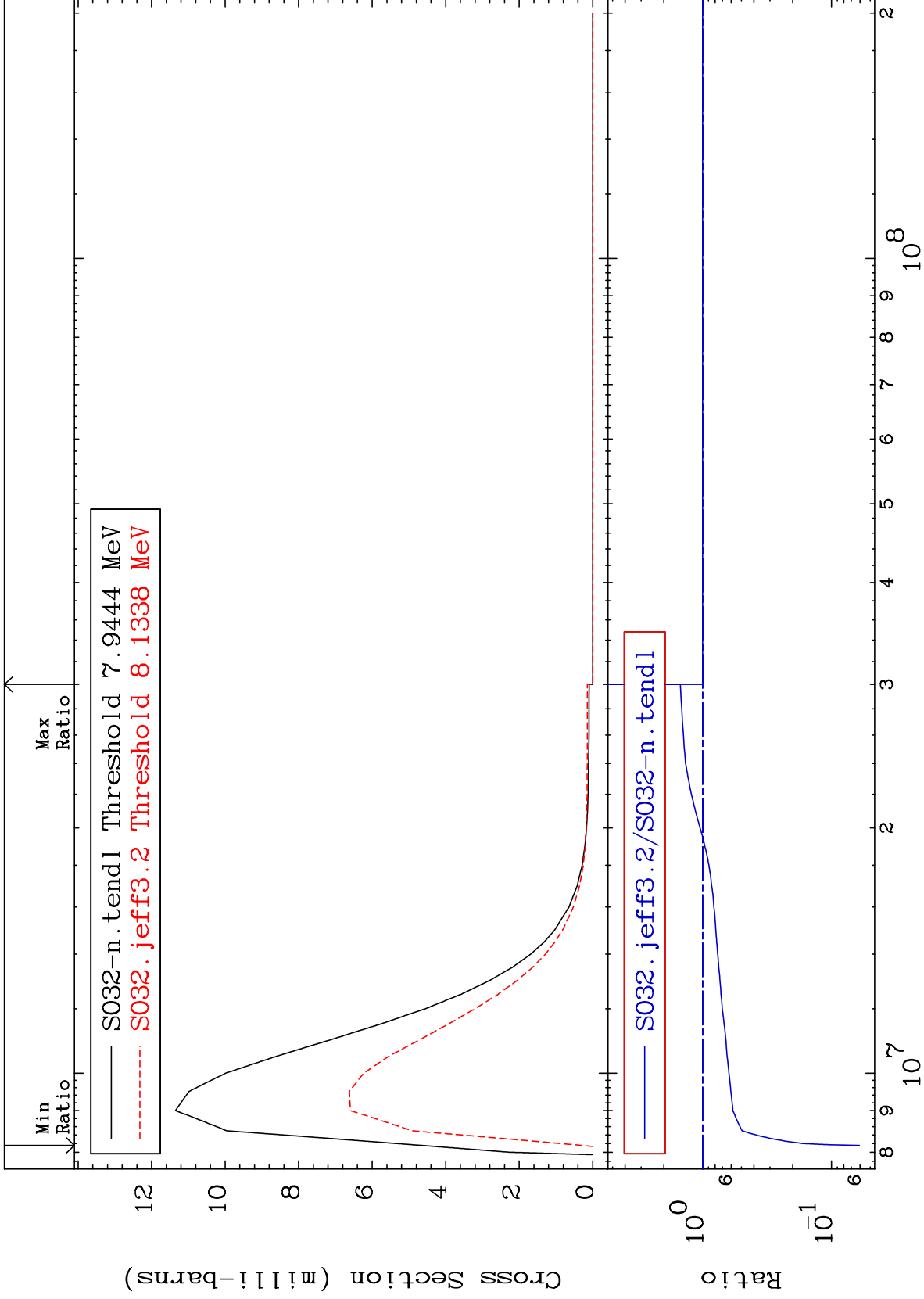
16-S -32
-99.19 To 59.12 %



MAT 1625

7.701 MeV (n,n') Level
Cross Section

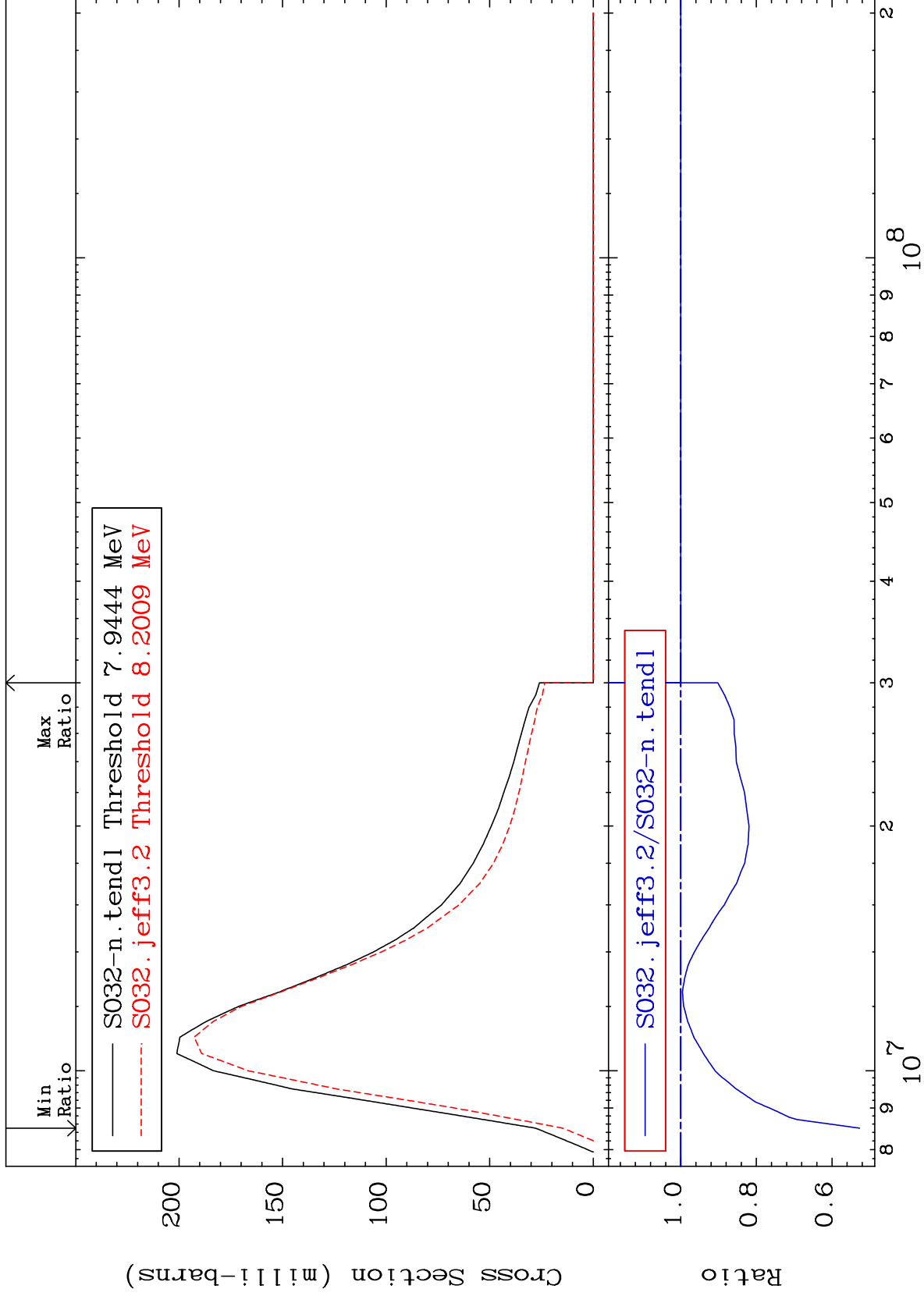
16-S -32
-93.94 To 48.70 %



MAT 1625

(n, n') Continuum
Cross Section

16-S -32
-47.29 To 0.000 %



45

16-S -32

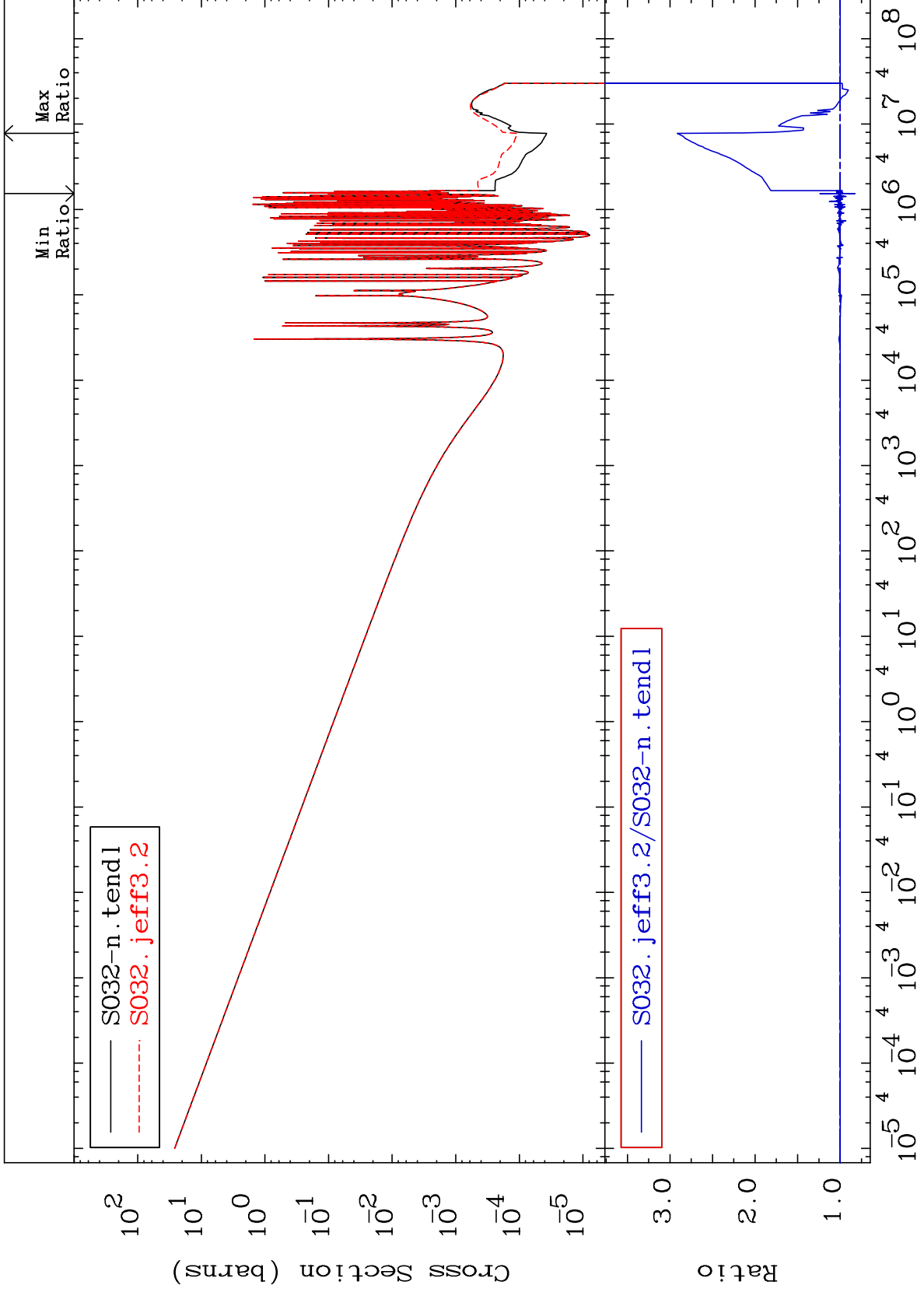
MAT 1625

(n, γ)

Cross Section

16-S -32

-17.55 To 191.9 %



46

Incident Energy (eV)

16-S -32

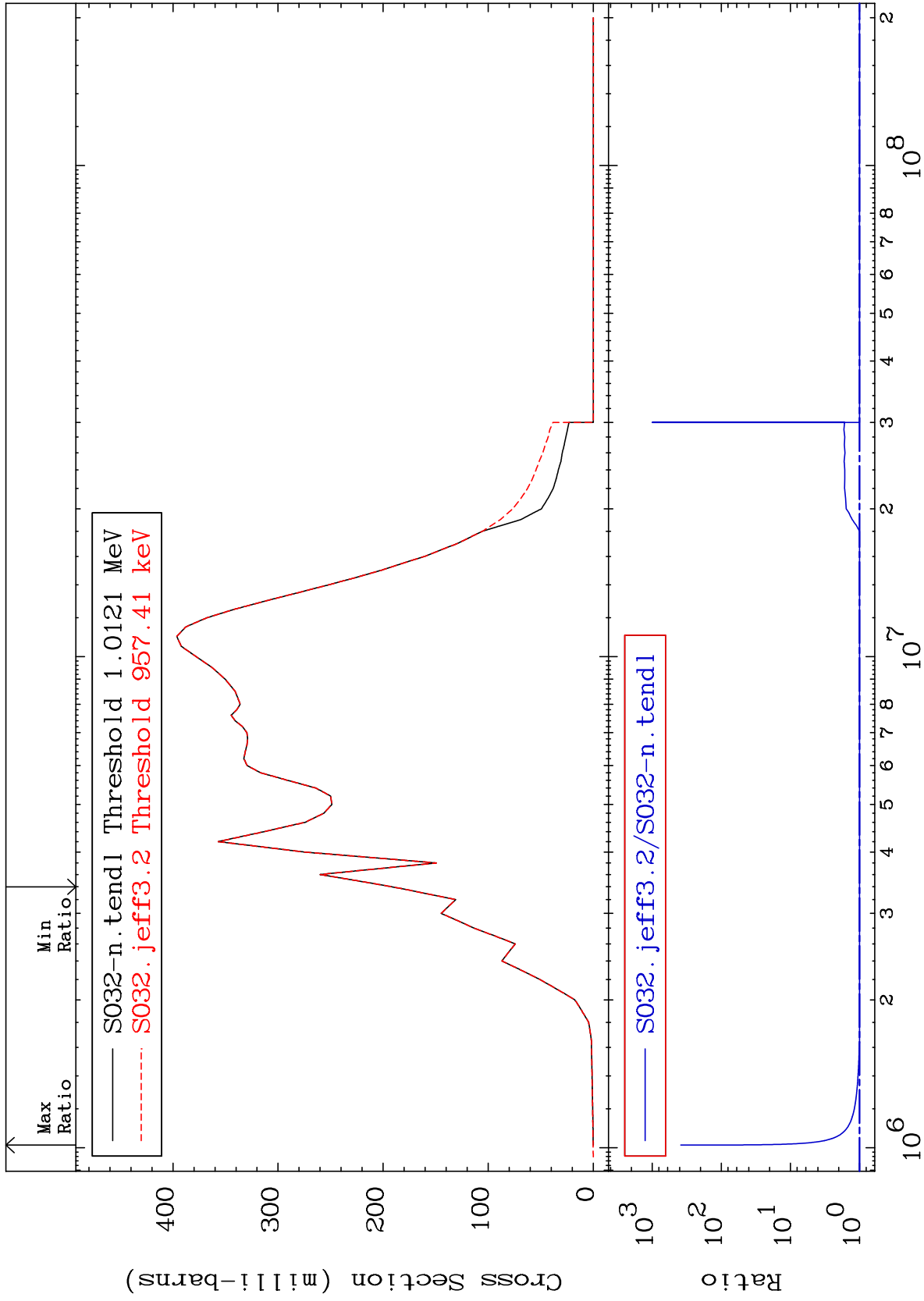
MAT 1625

(n,p)

16-S -32

Cross Section

0.000 To 9999. %



47

16-S -32

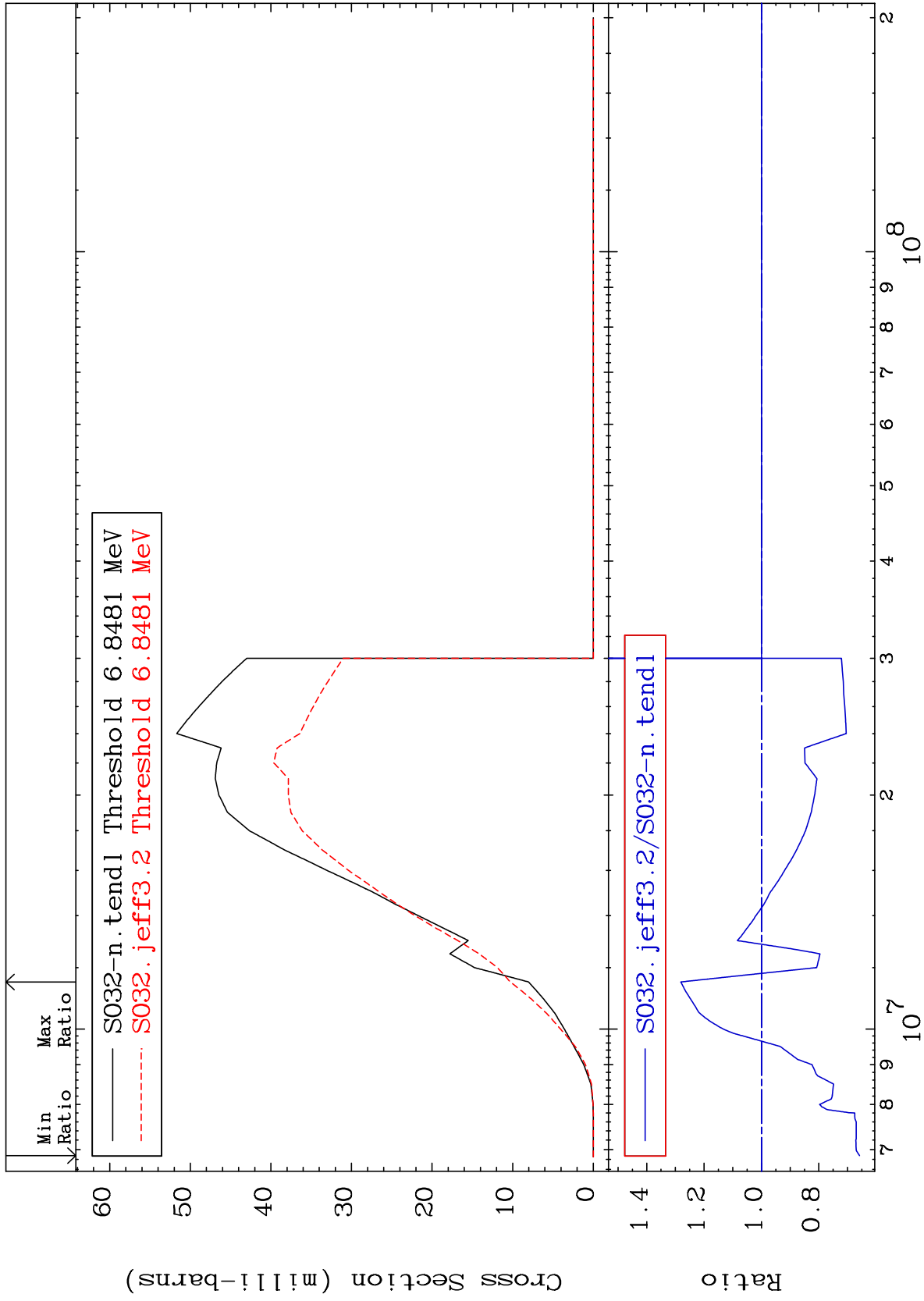
MAT 1625

(n, d)

16-S -32

Cross Section

-34.19 To 28.13 %



48

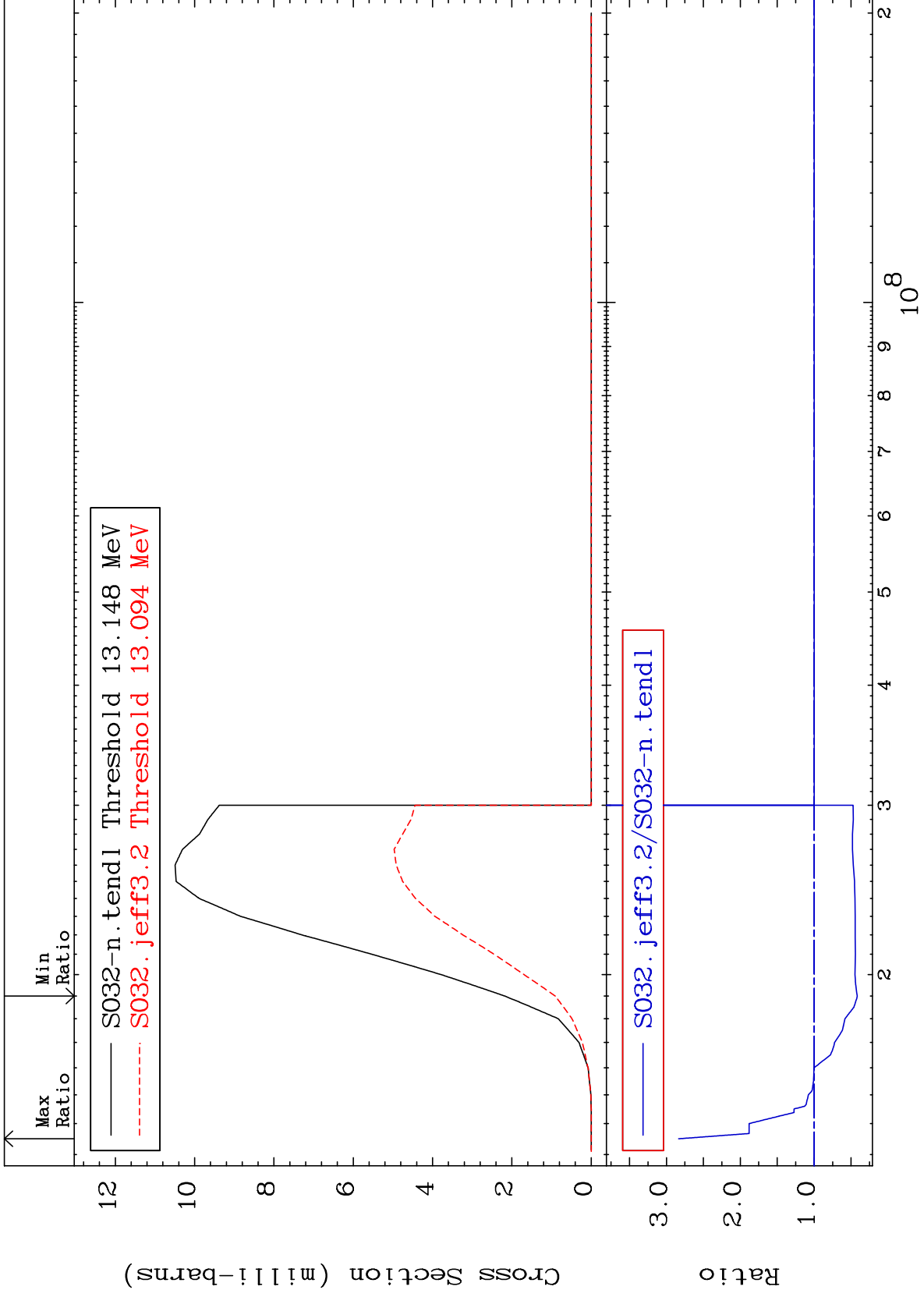
Incident Energy (eV)

16-S -32

MAT 1625

(n, t)
Cross Section

16-S -32
-58.37 To 183.5 %



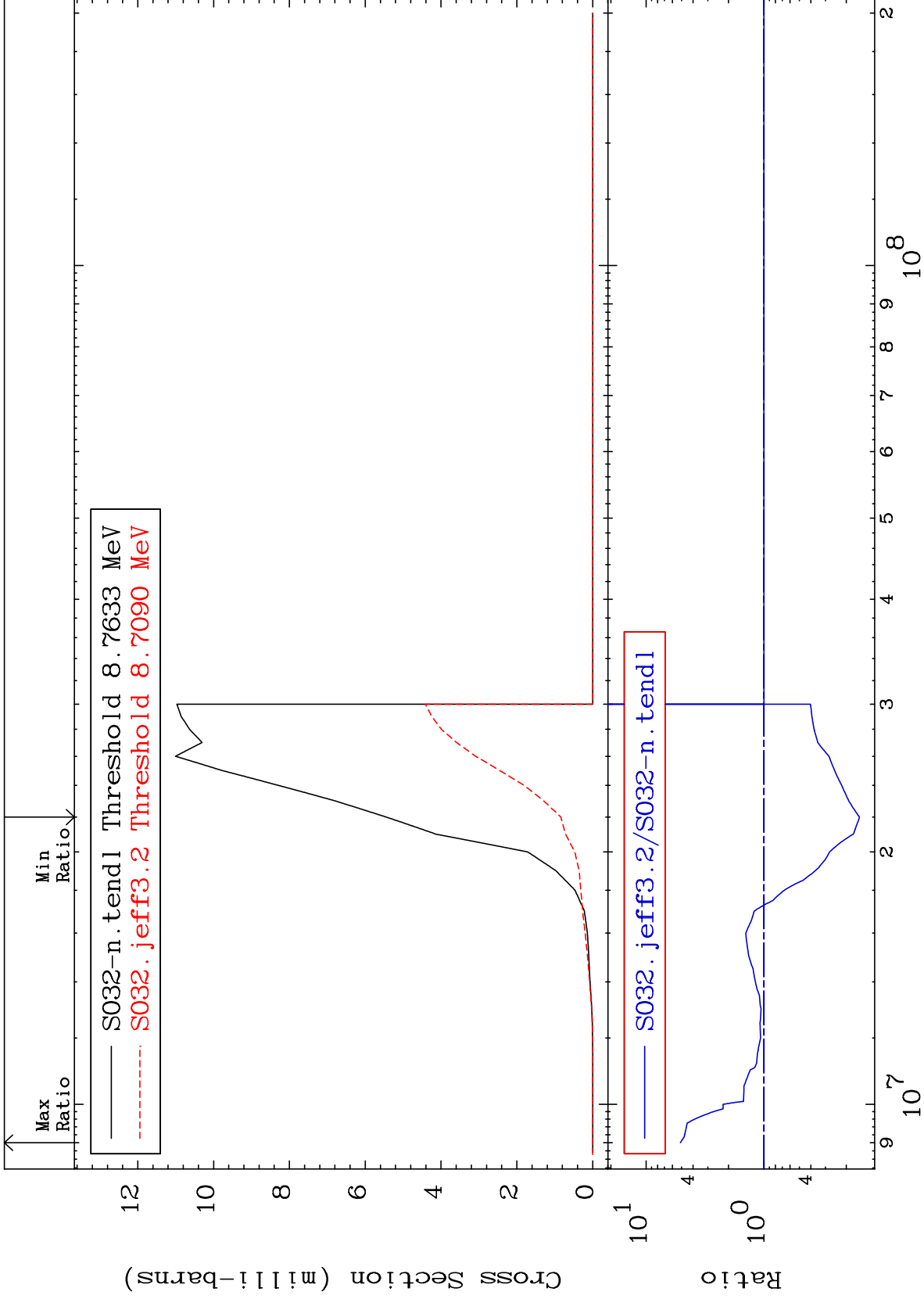
MAT 1625

(n, He-3)

16-S -32

Cross Section

-84.55 To 412.9 %



50

Incident Energy (eV)

16-S -32

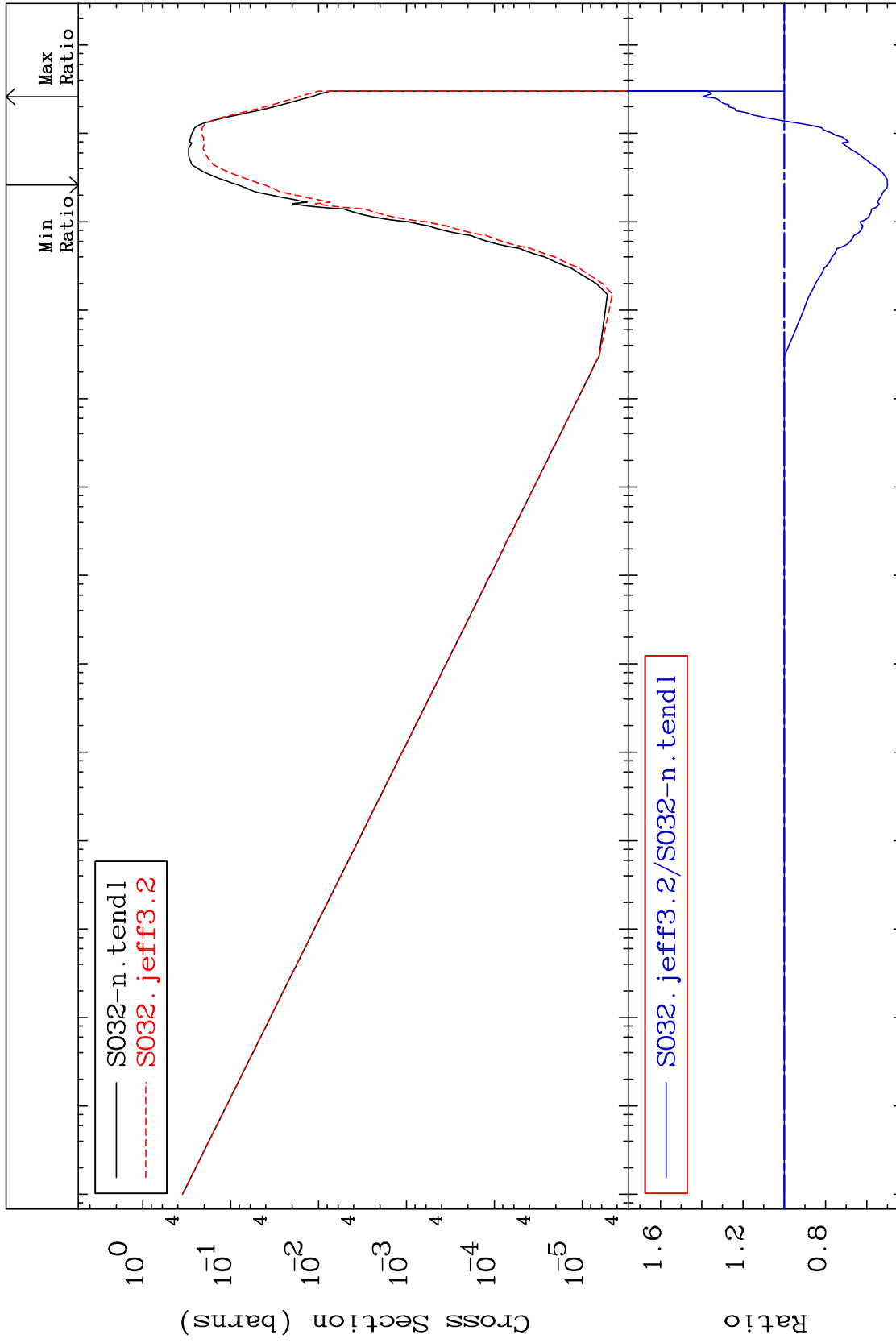
MAT 1625

(n, α)

Cross Section

16-S -32

-50.04 To 39.42 %



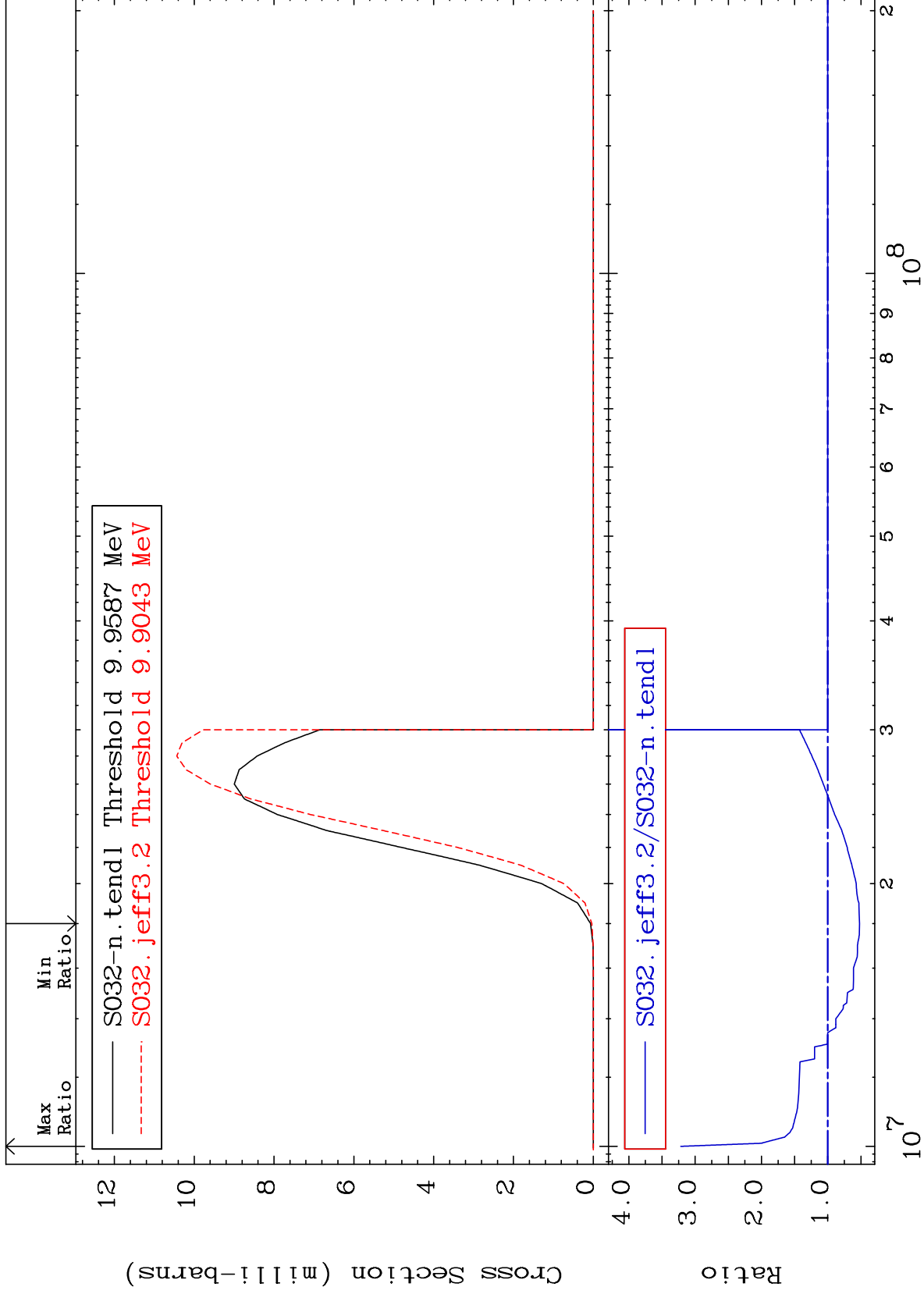
MAT 1625

(n,2α)

16-S -32

Cross Section

-47.91 To 221.7 %



52

16-S -32

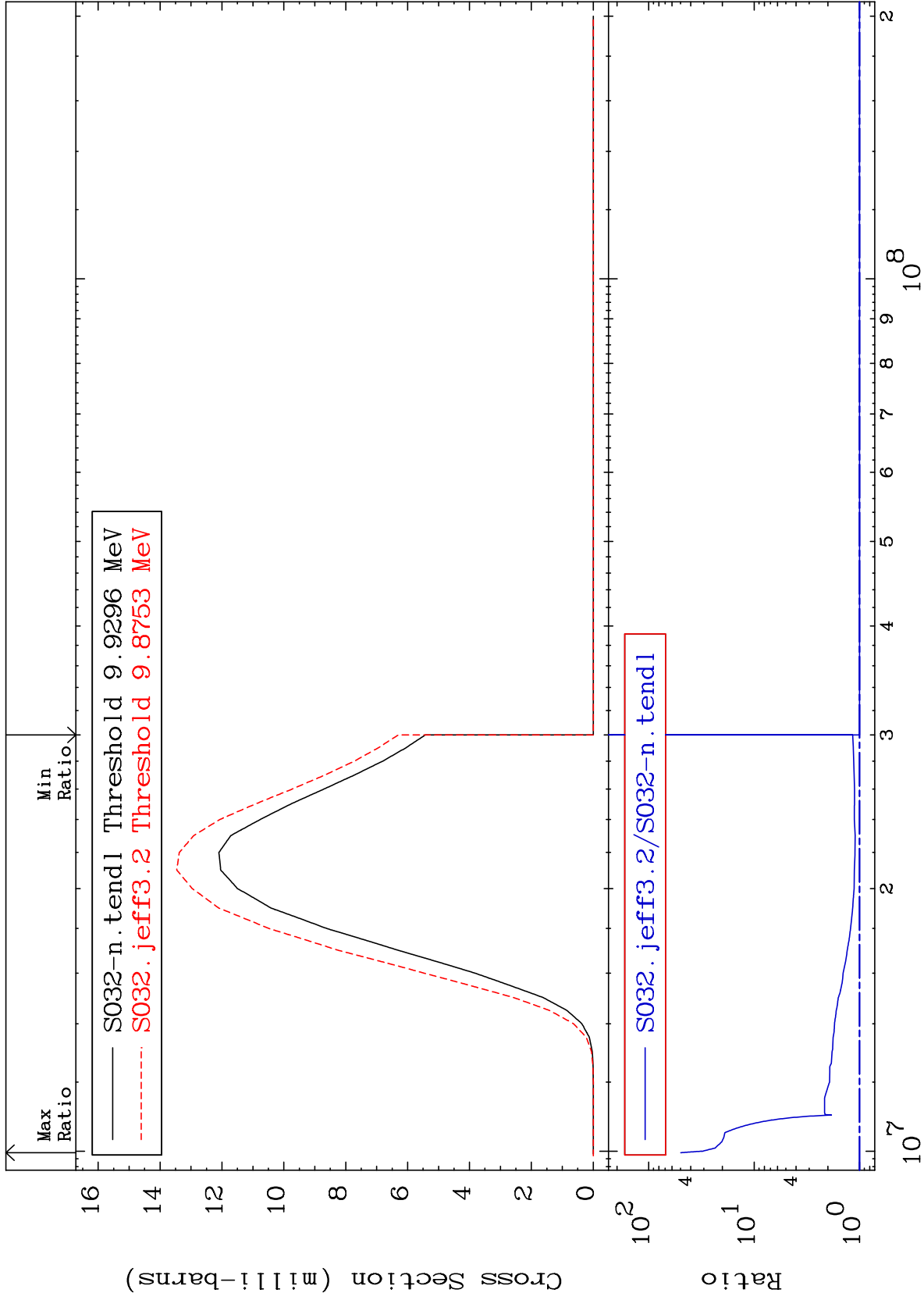
MAT 1625

(n,2p)

16-S -32

Cross Section

0.000 To 4862. %



53

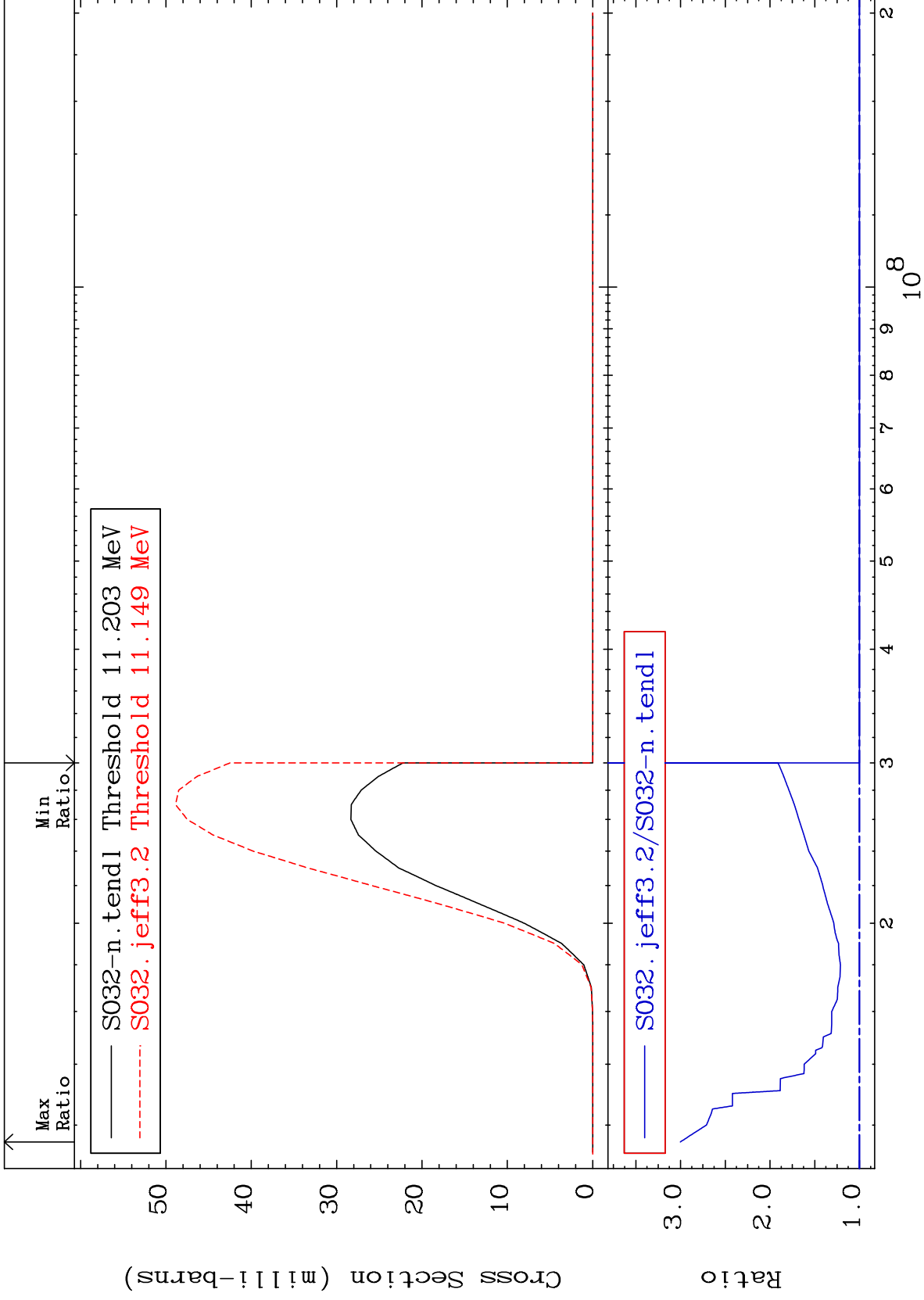
Incident Energy (eV)

16-S -32

MAT 1625

(n,p) α
Cross Section

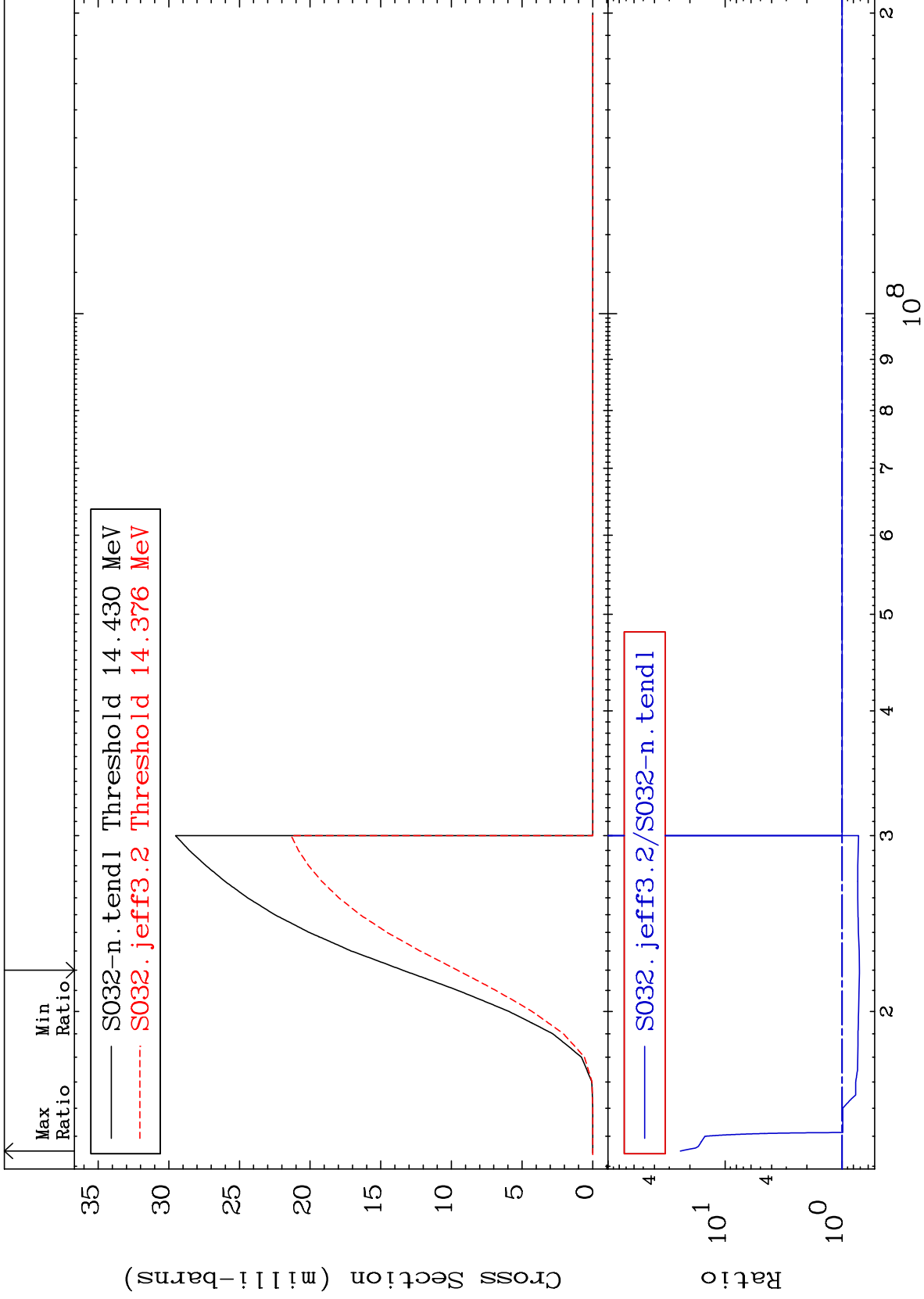
16-S -32
To 200.2 %
0.000



54

Incident Energy (eV)

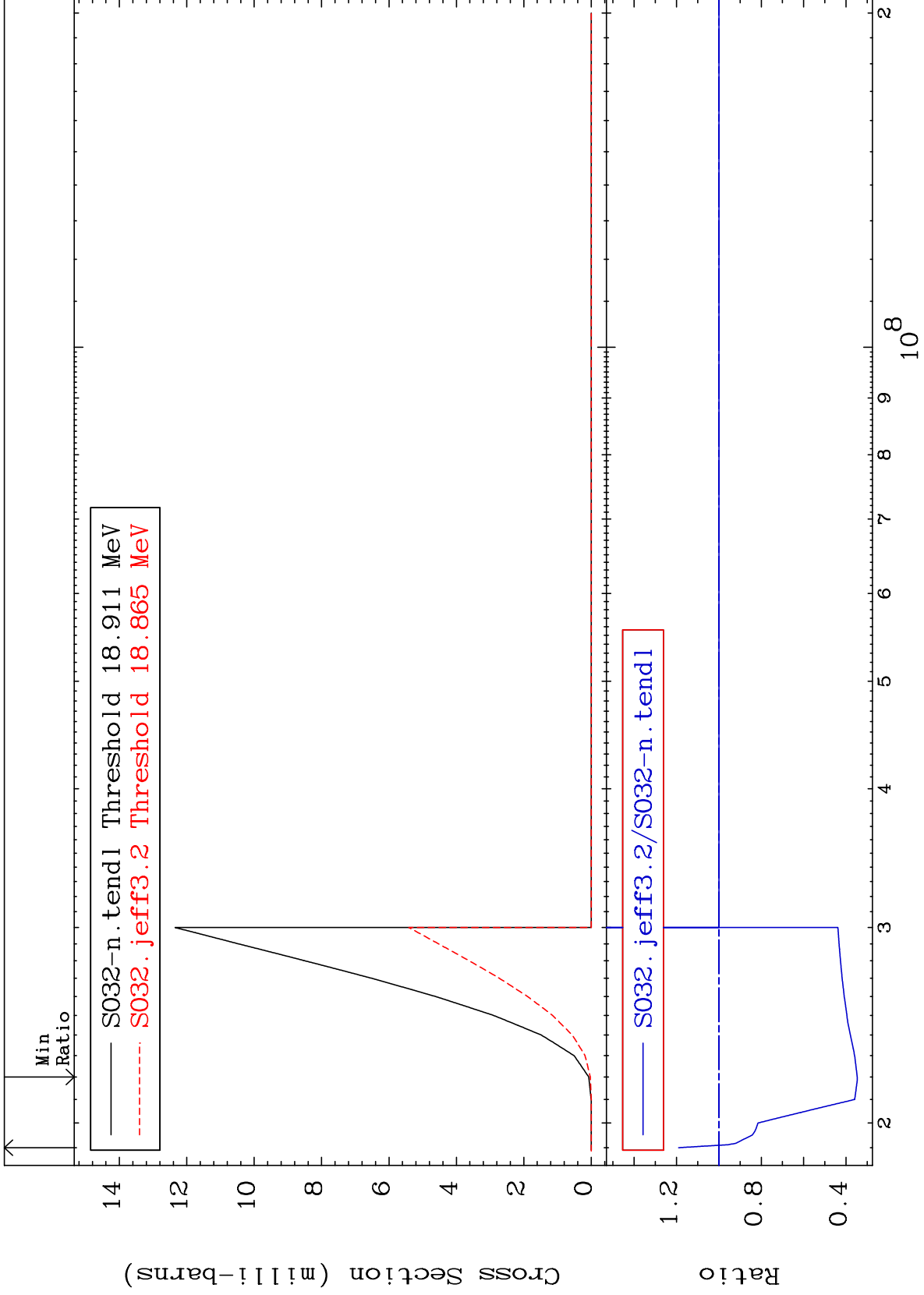
16-S -32



MAT 1625

(n,p) t
Cross Section

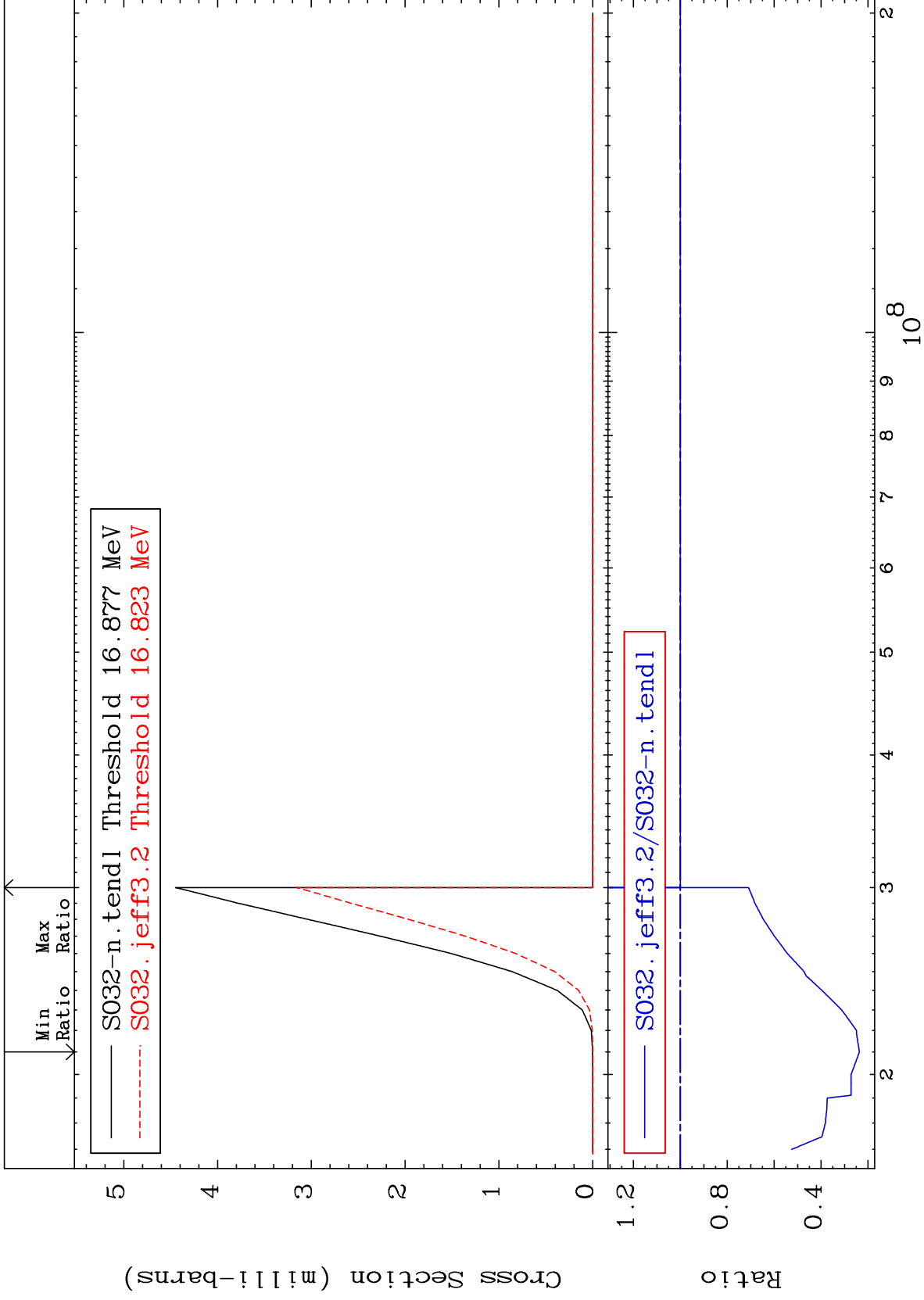
16-S -32
-65.29 To 18.99 %



56

Incident Energy (eV)

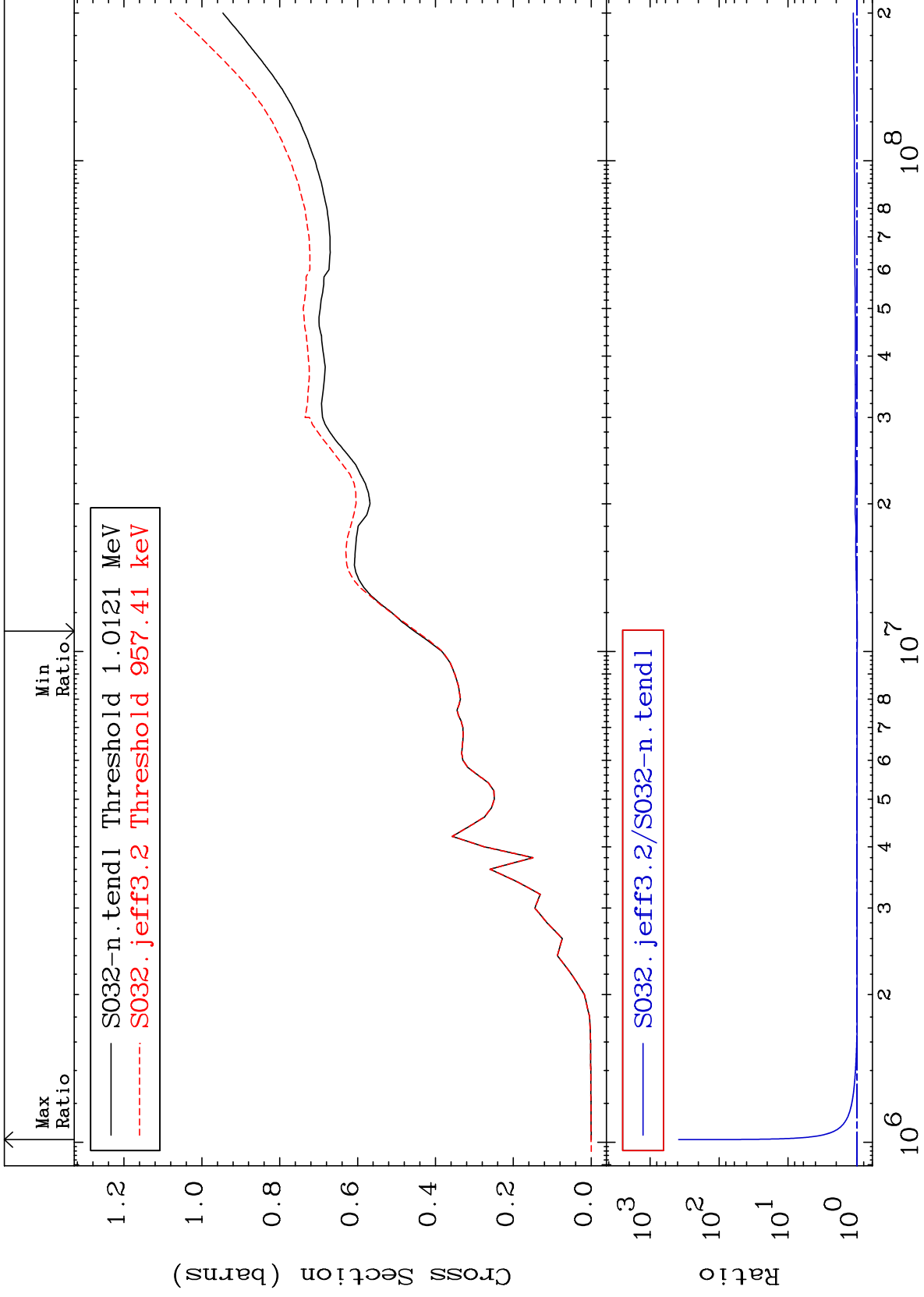
16-S -32



MAT 1625

Hydrogen Production
Cross Section

16-S -32
-0.956 To 9999. %



58

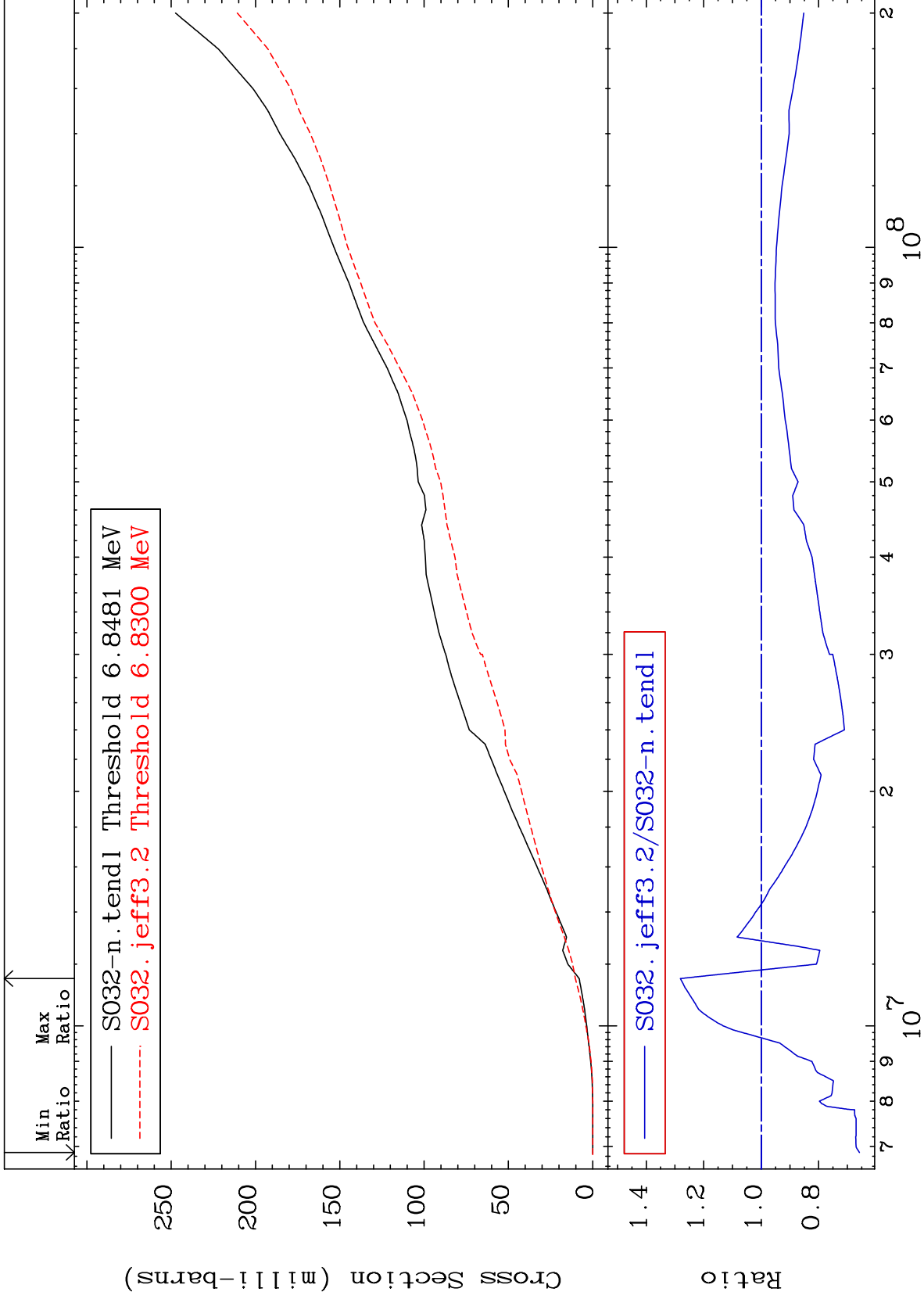
Incident Energy (eV)

16-S -32

MAT 1625

Deuterium Production
Cross Section

16-S -32
-34.19 To 28.13 %



59

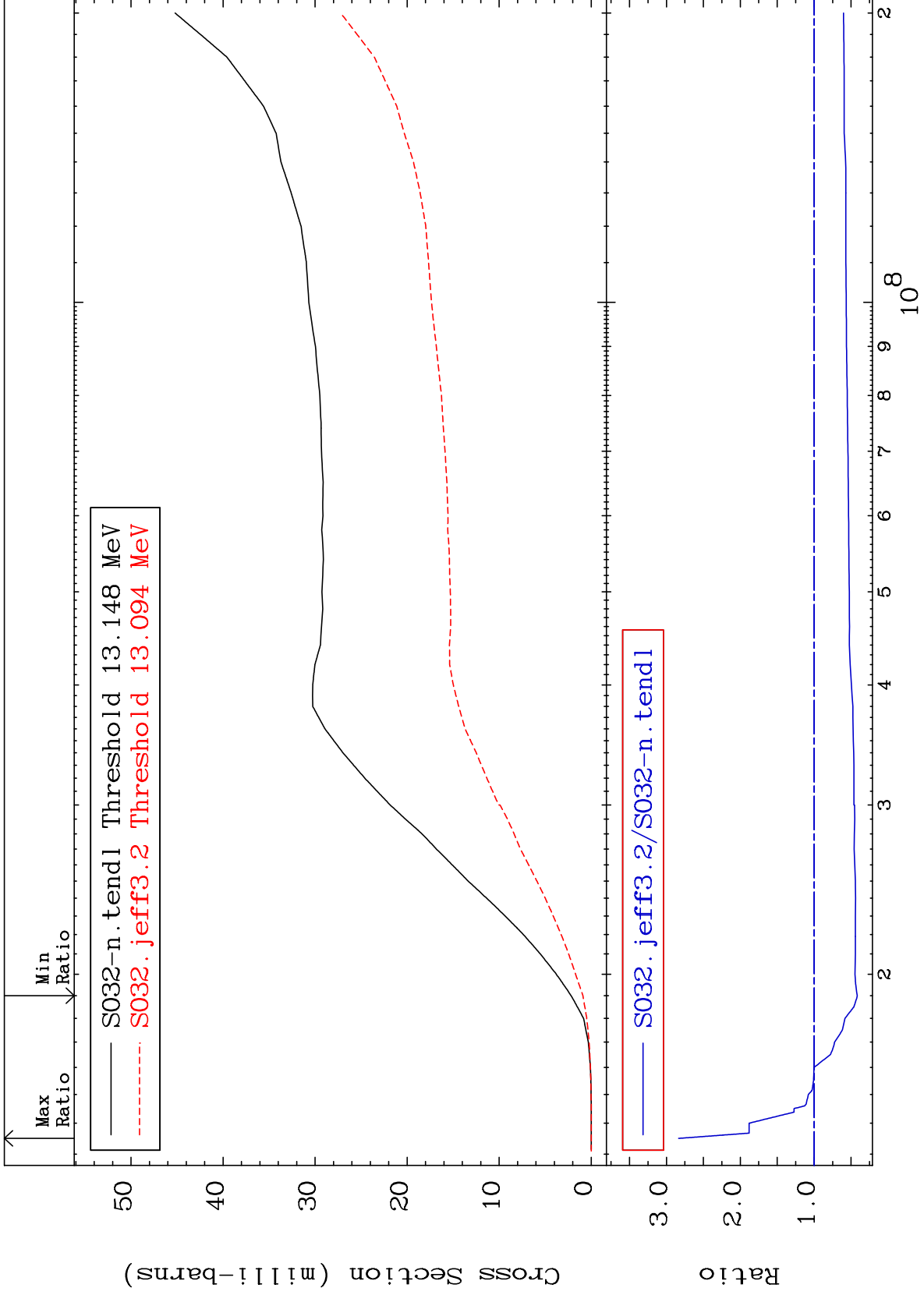
Incident Energy (eV)

16-S -32

MAT 1625

Tritium Production
Cross Section

16-S -32
-58.37 To 183.5 %



60

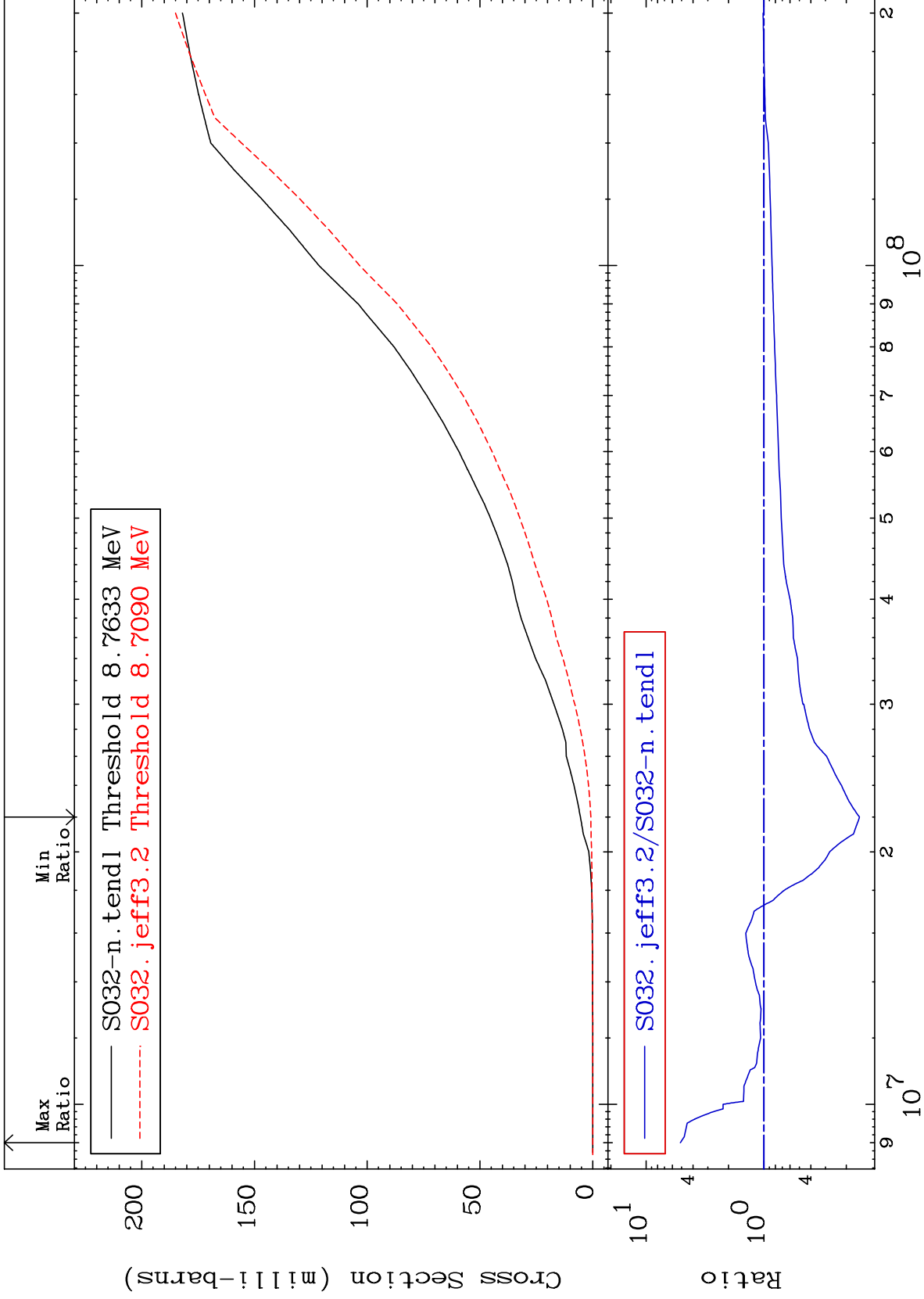
Incident Energy (eV)

16-S -32

MAT 1625

He-3 Production
Cross Section

16-S -32
-84.55 To 412.9 %



61

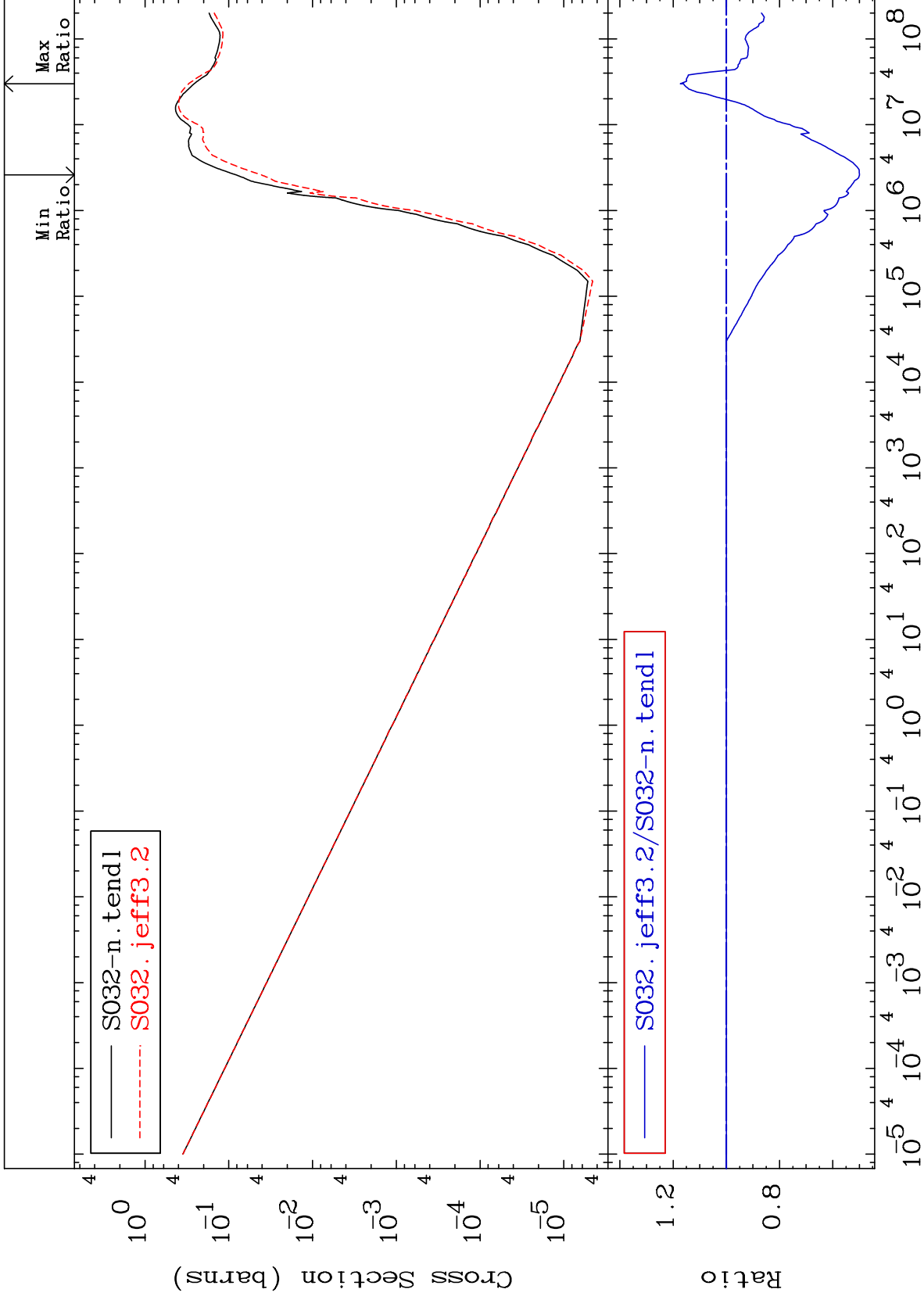
Incident Energy (eV)

16-S -32

MAT 1625

He-4 Production
Cross Section

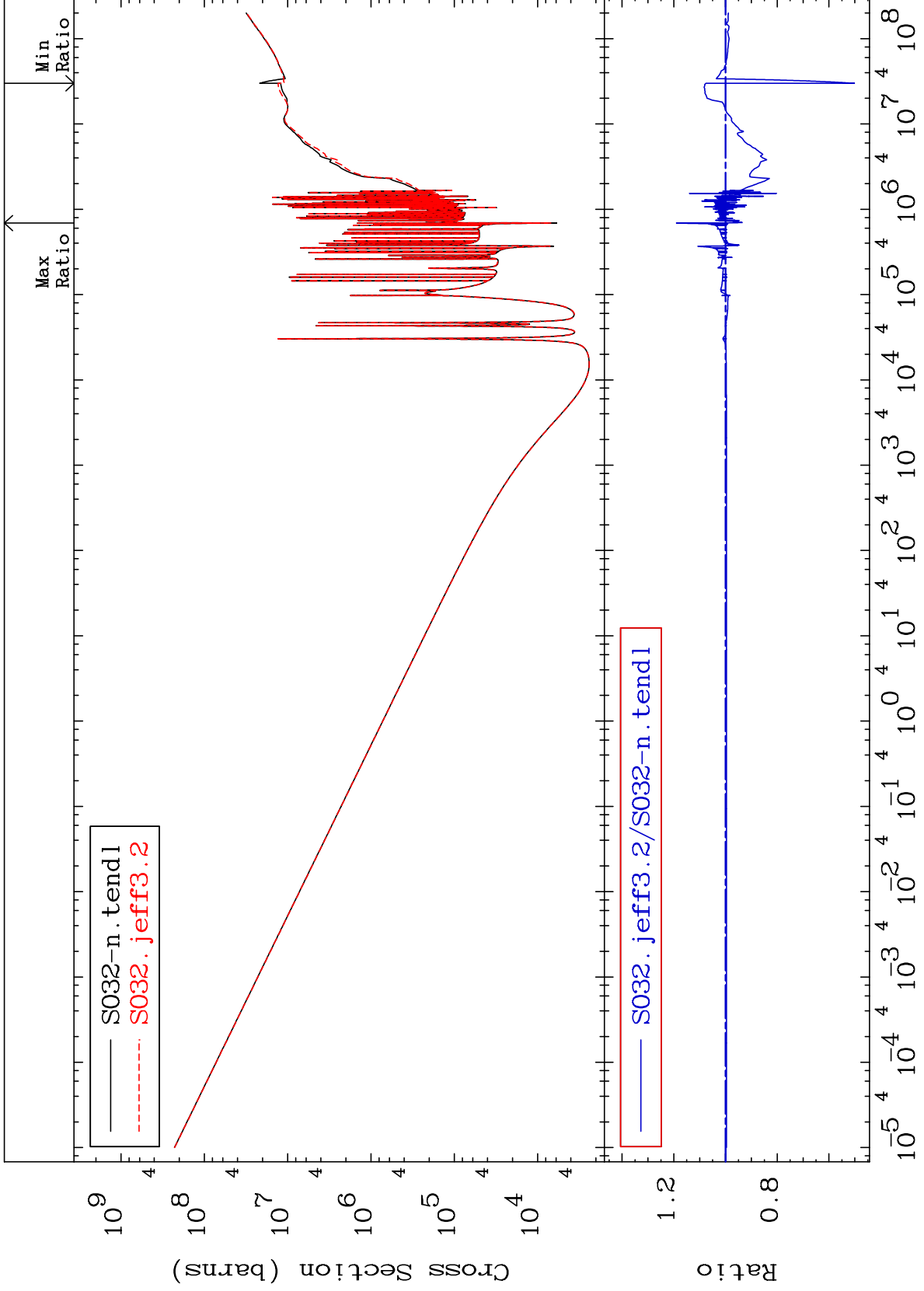
16-S -32
-50.04 To 17.29 %



62

Incident Energy (eV)

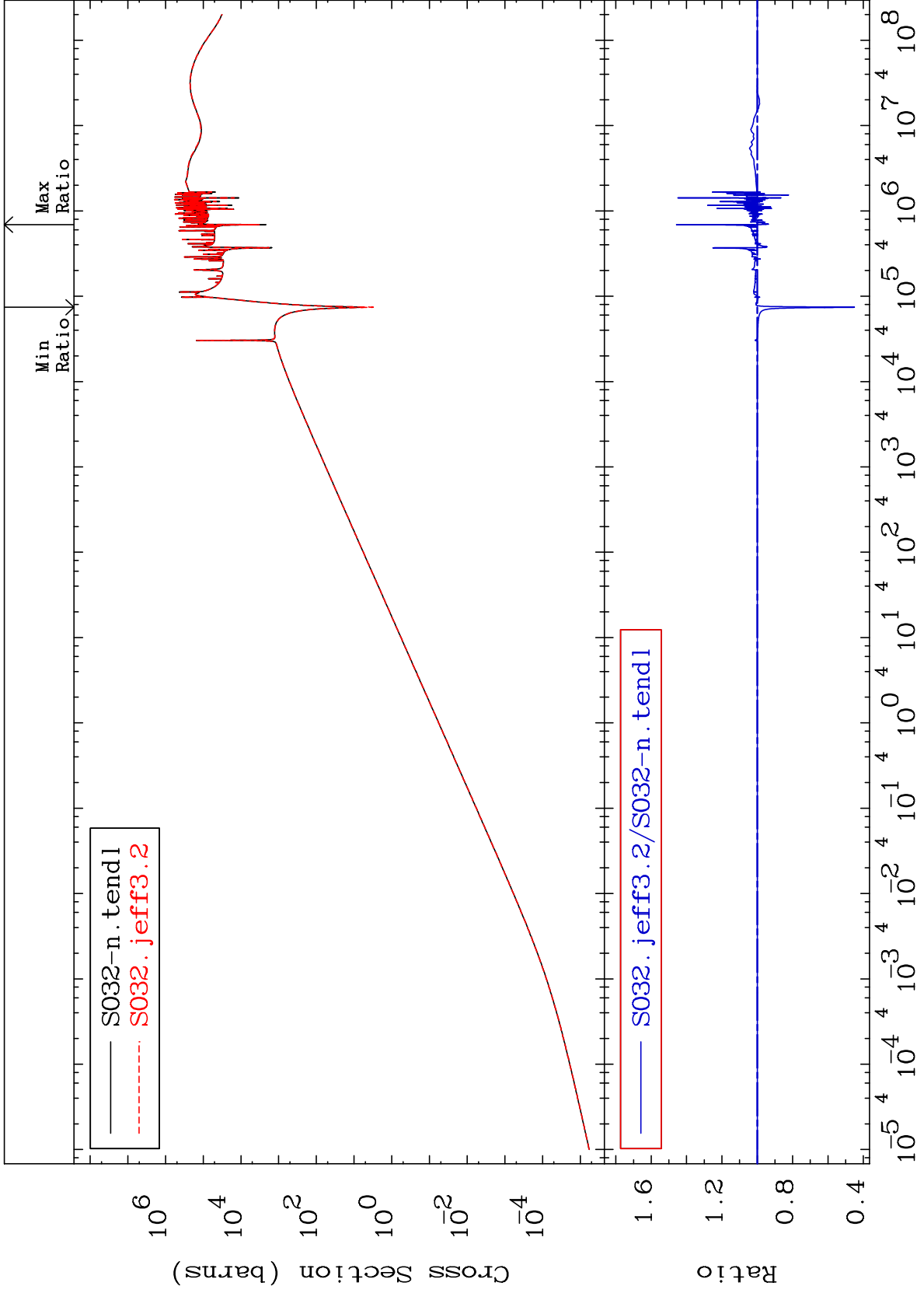
16-S -32



MAT 1625

Kerma elastic
Cross Section

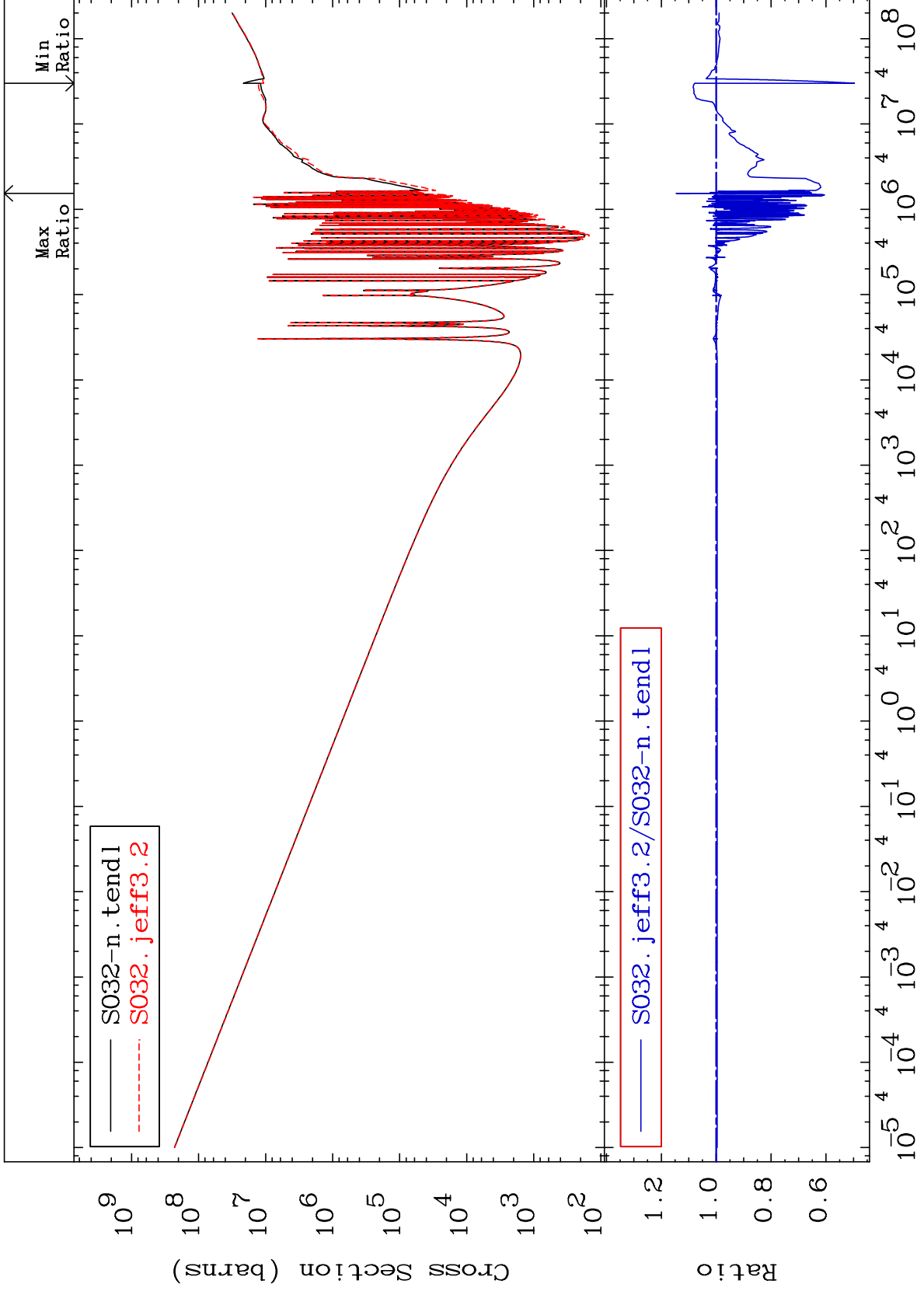
16-S -32
-54.94 To 45.78 %

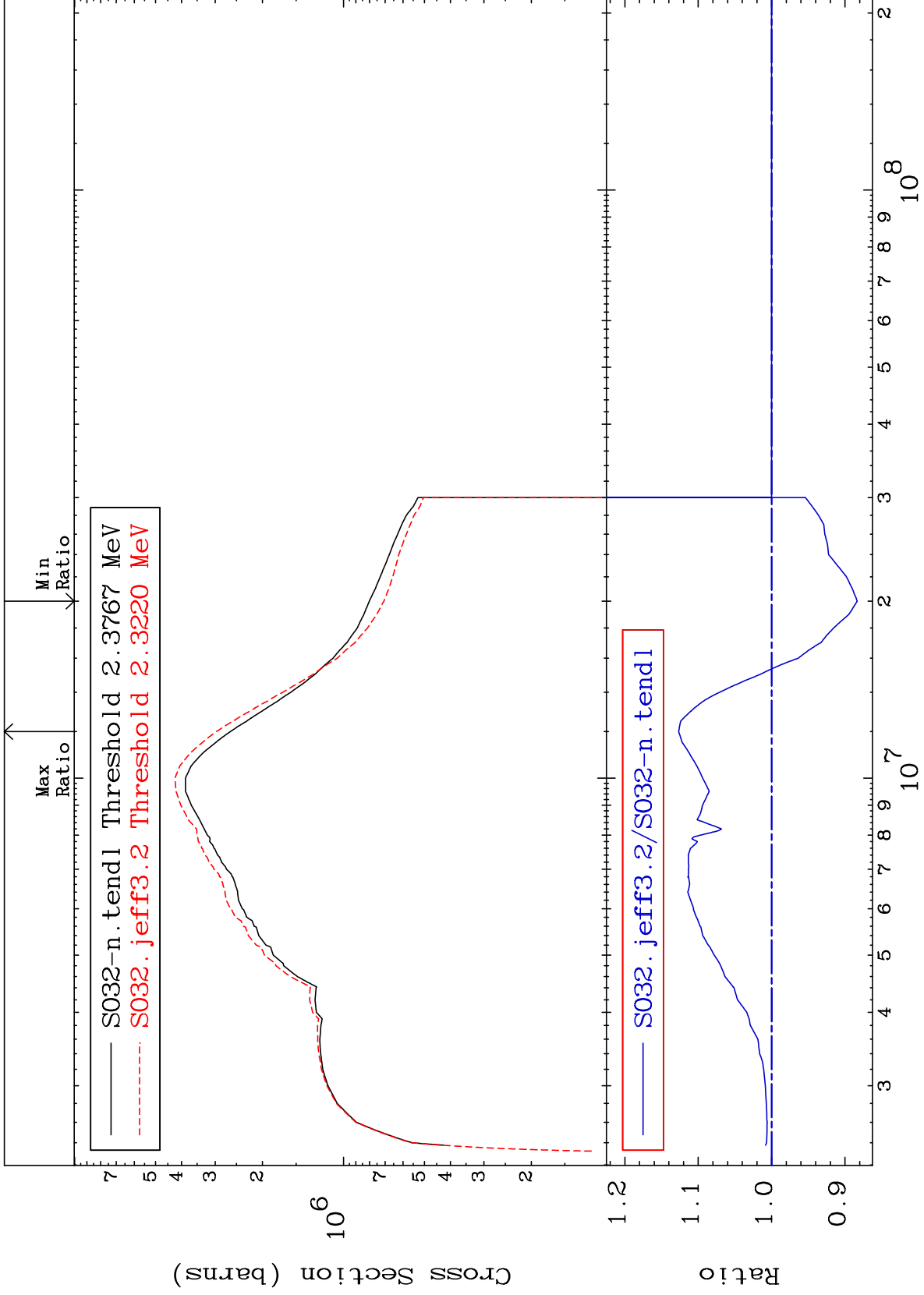


64

Incident Energy (eV)

16-S -32

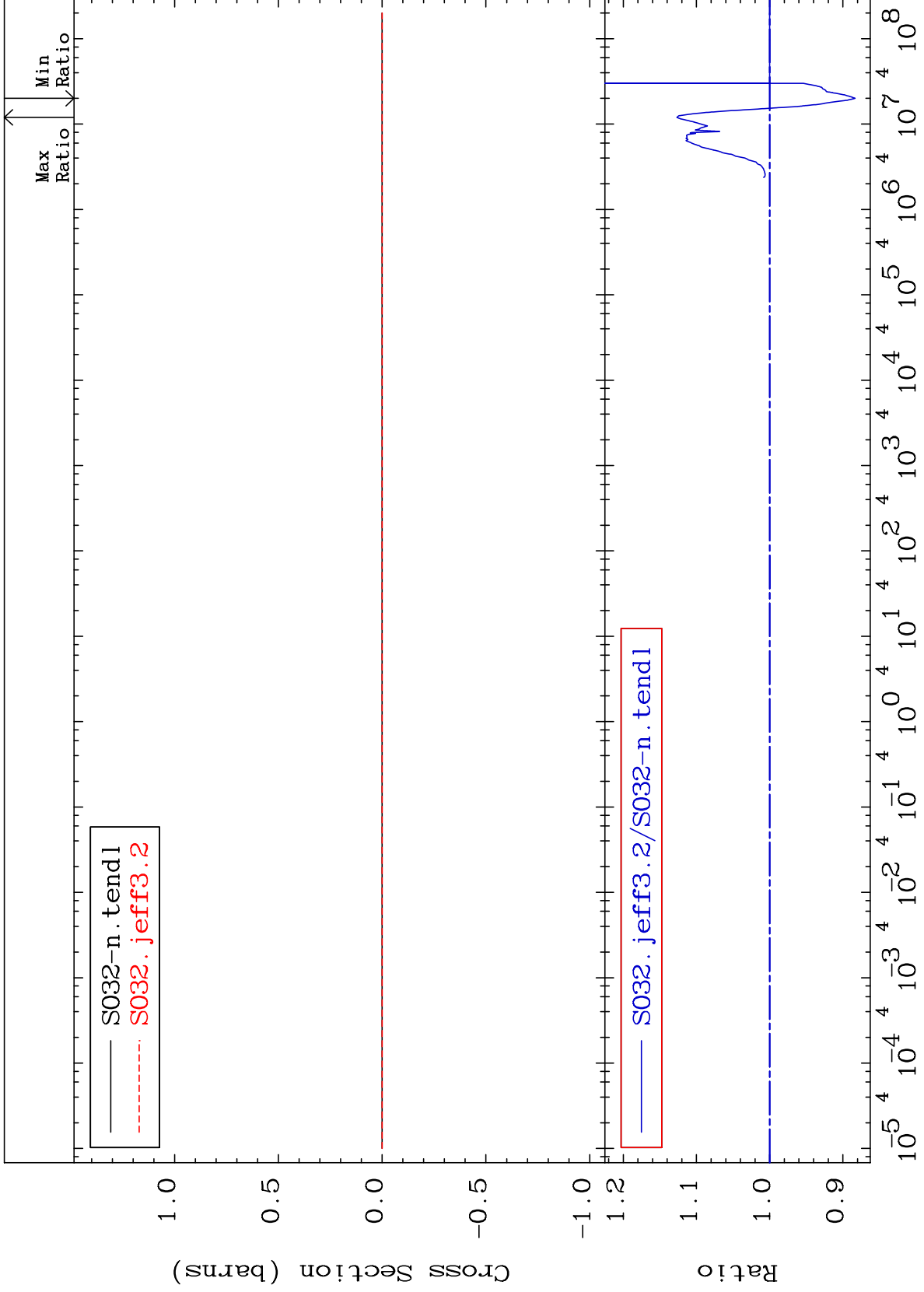




MAT 1625

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

16-S -32
-11.67 To 12.67 %



67

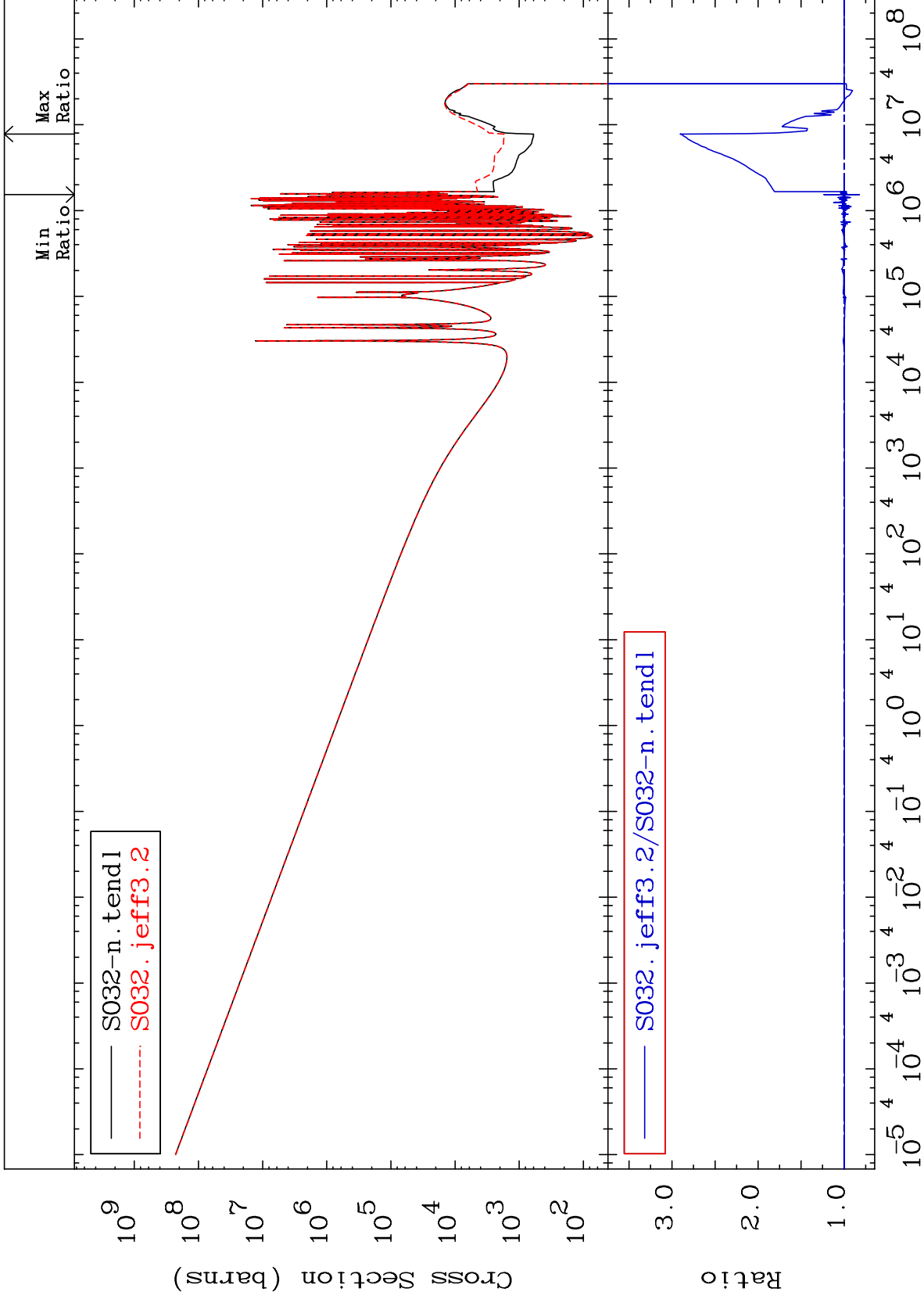
Incident Energy (eV)

16-S -32

MAT 1625

Kerma capture (mt102)
Cross Section

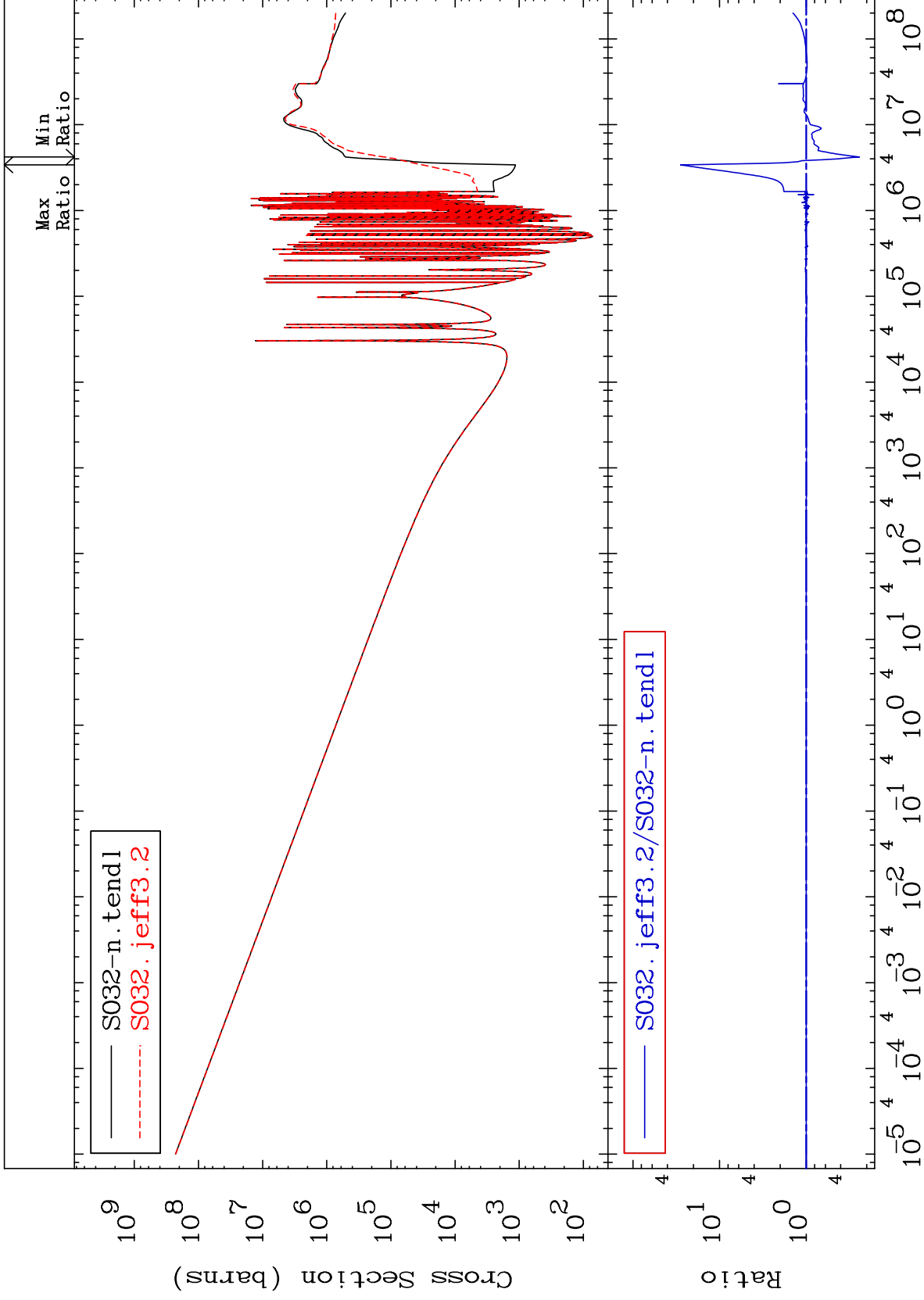
16-S -32
-17.81 To 190.3 %



68

Incident Energy (eV)

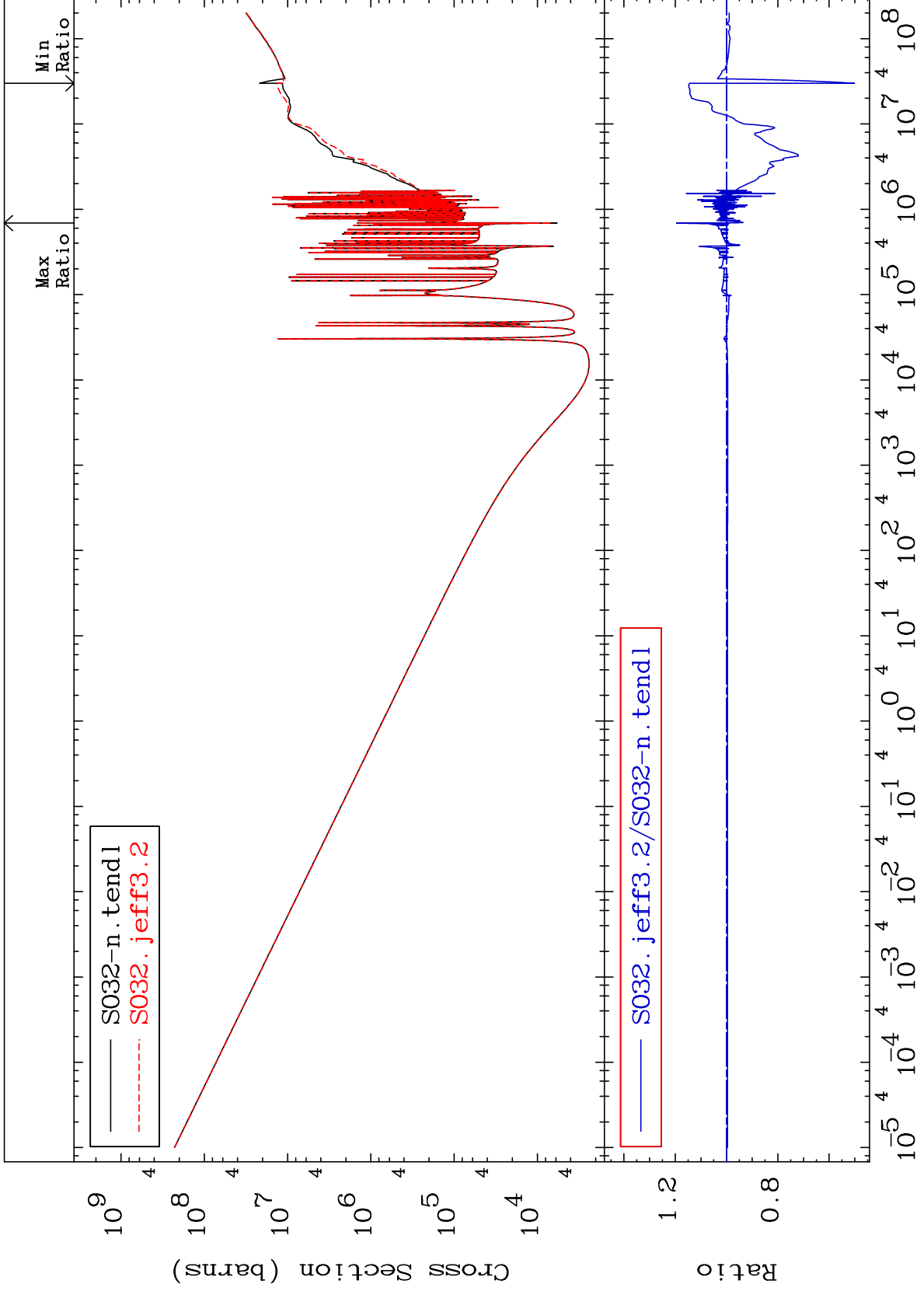
16-S -32



MAT 1625

Total kinematic kerma (high limit)
Cross Section

16-S -32
-49.82 To 19.56 %



70

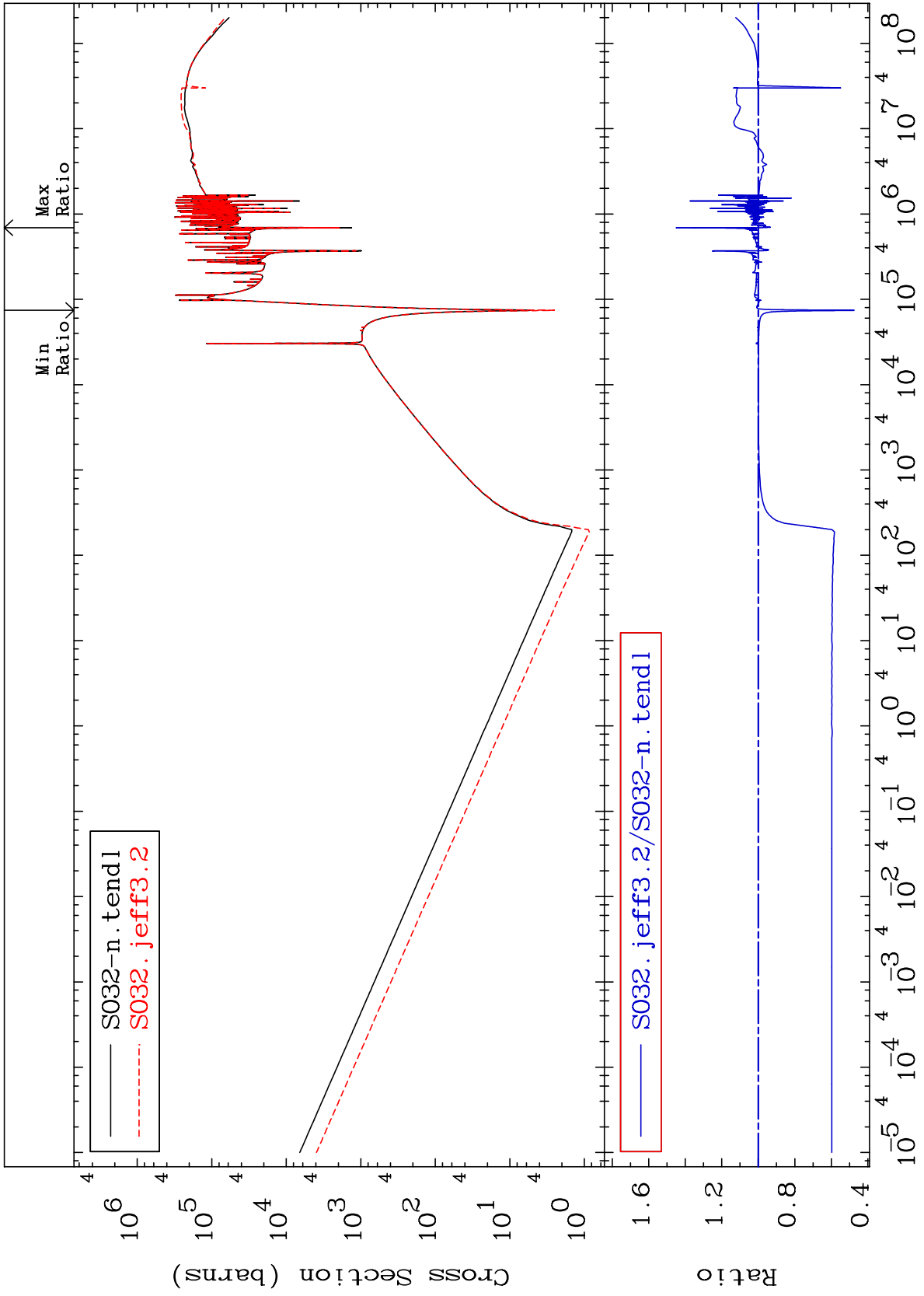
Incident Energy (eV)

16-S -32

MAT 1625

Dpa total (eV-barns)
Cross Section

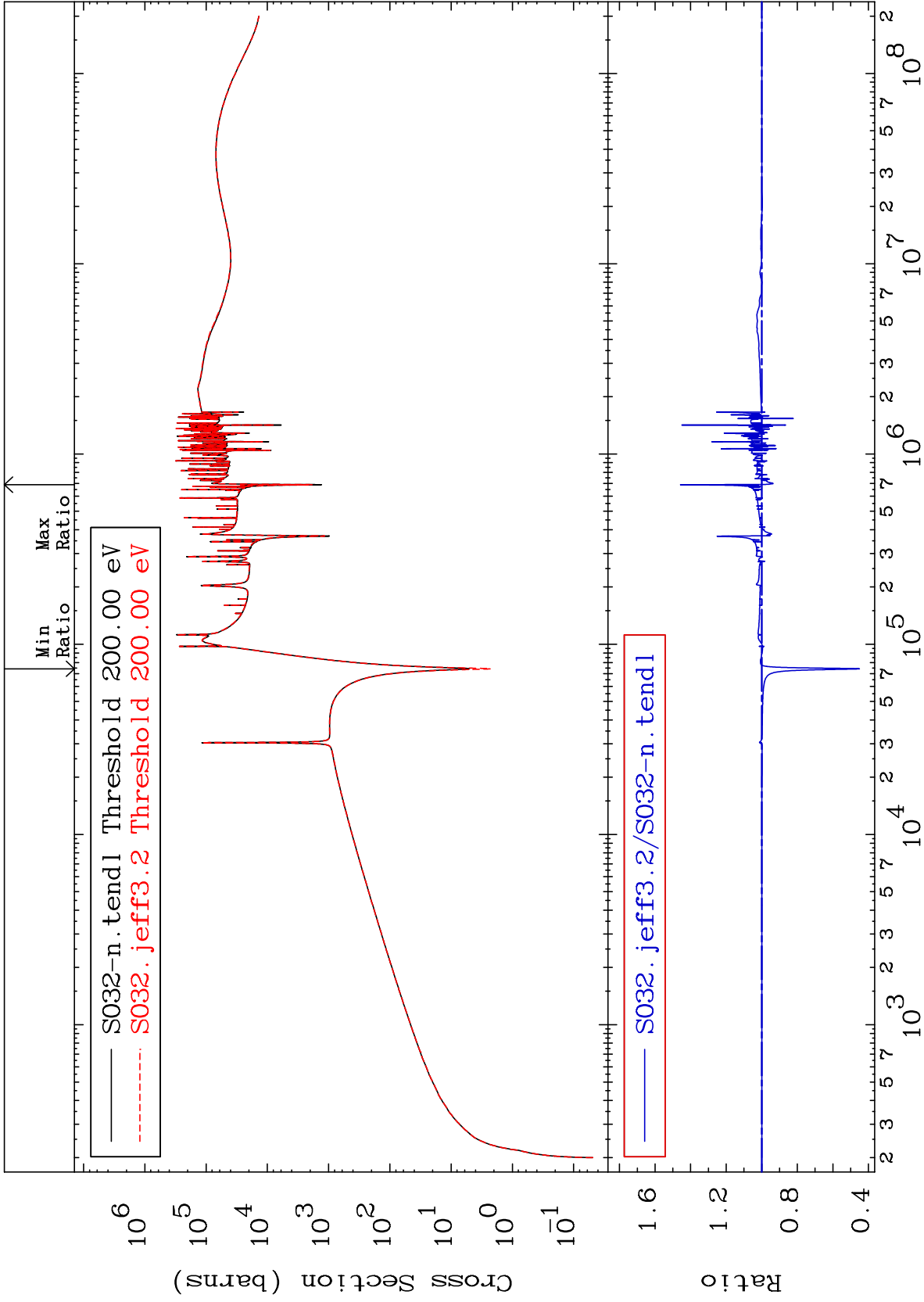
16-S -32
-52.66 To 44.91 %



71

Incident Energy (eV)

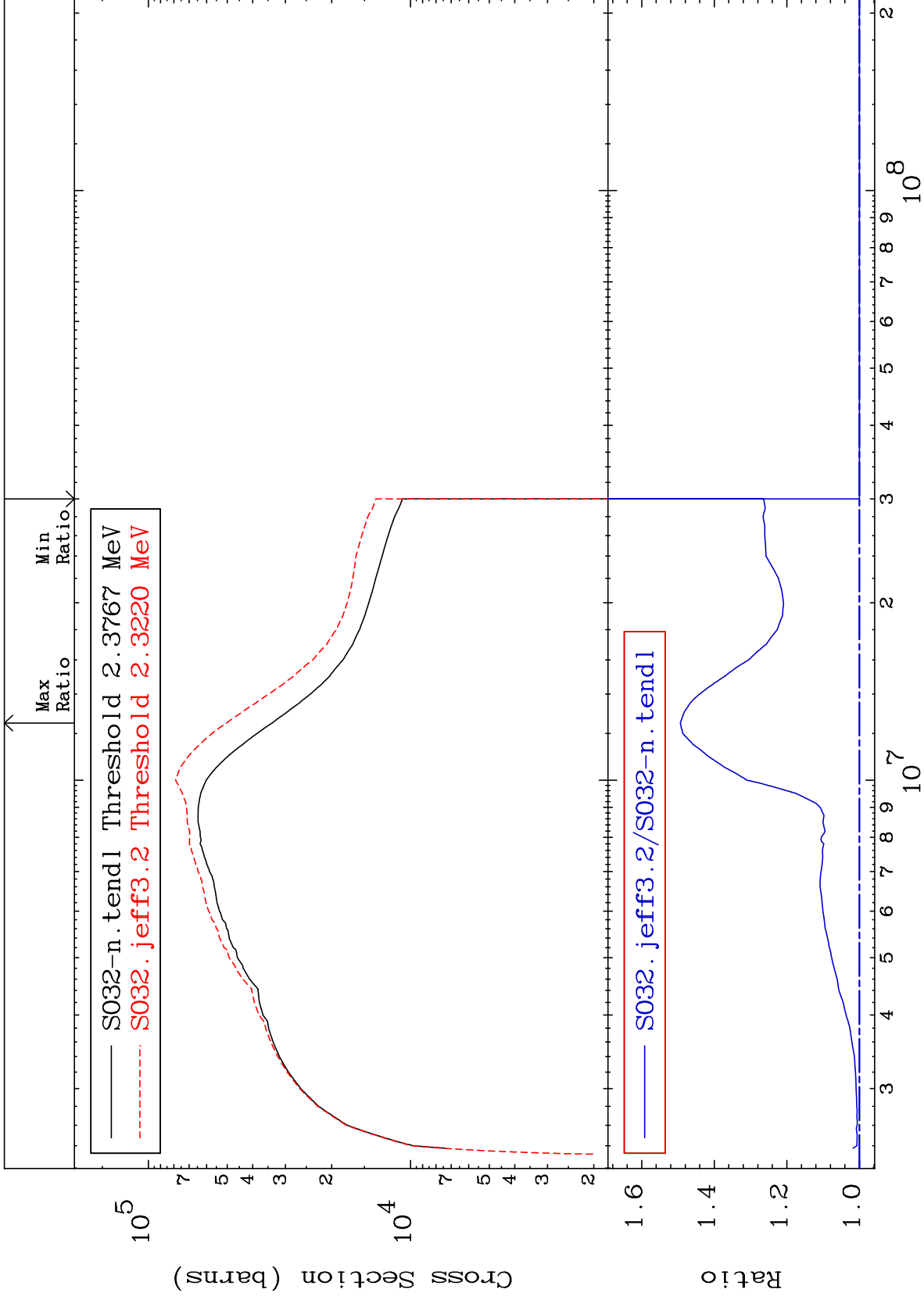
16-S -32



MAT 1625

Dpa inelastic (mt51-91)
Cross Section

16-S -32
0.000 To 49.35 %



73

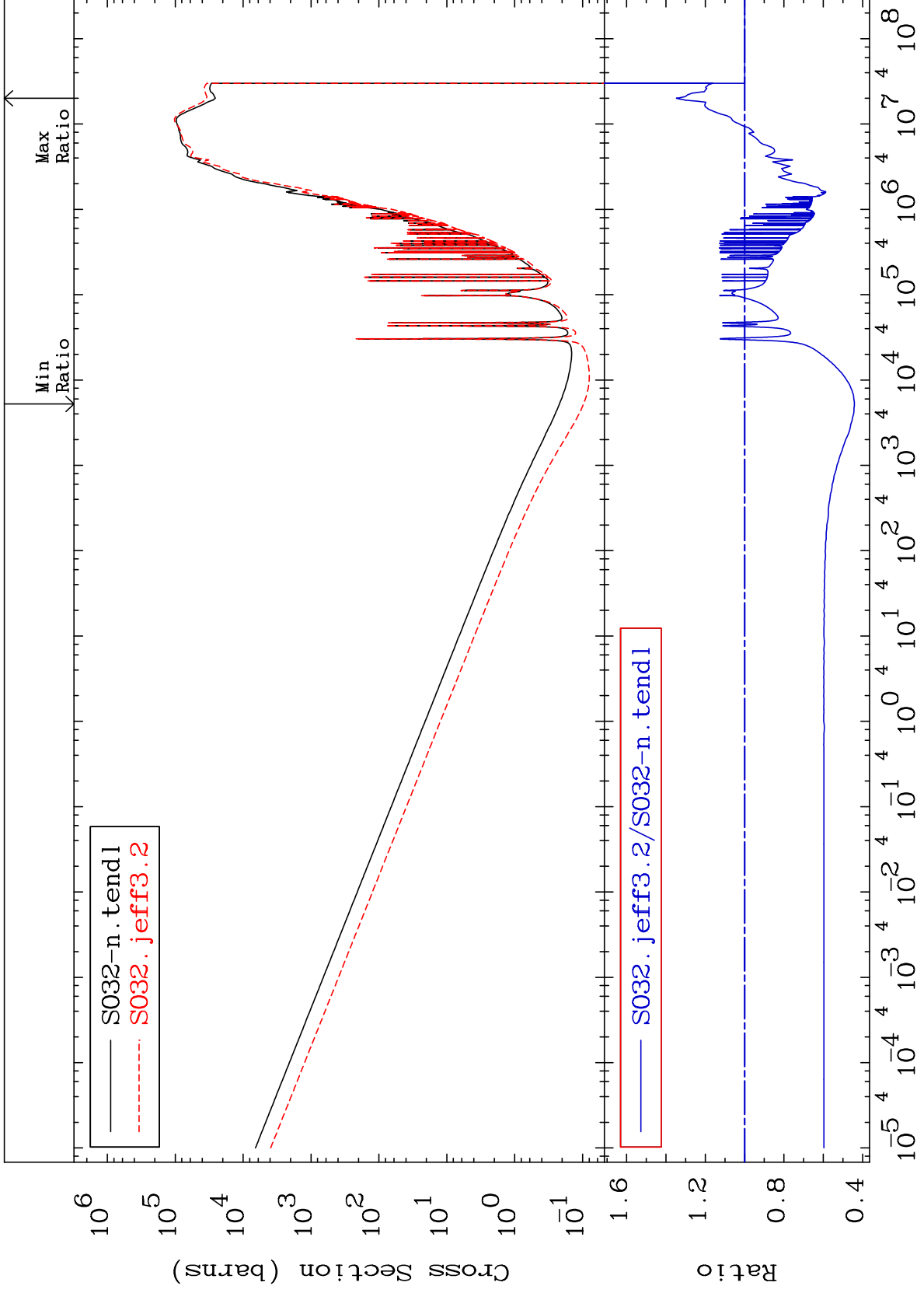
Incident Energy (eV)

16-S -32

MAT 1625

Dpa disappearance (mt102 -120)
Cross Section

16-S -32
-55.81 To 34.73 %



74

Incident Energy (eV)

16-S -32