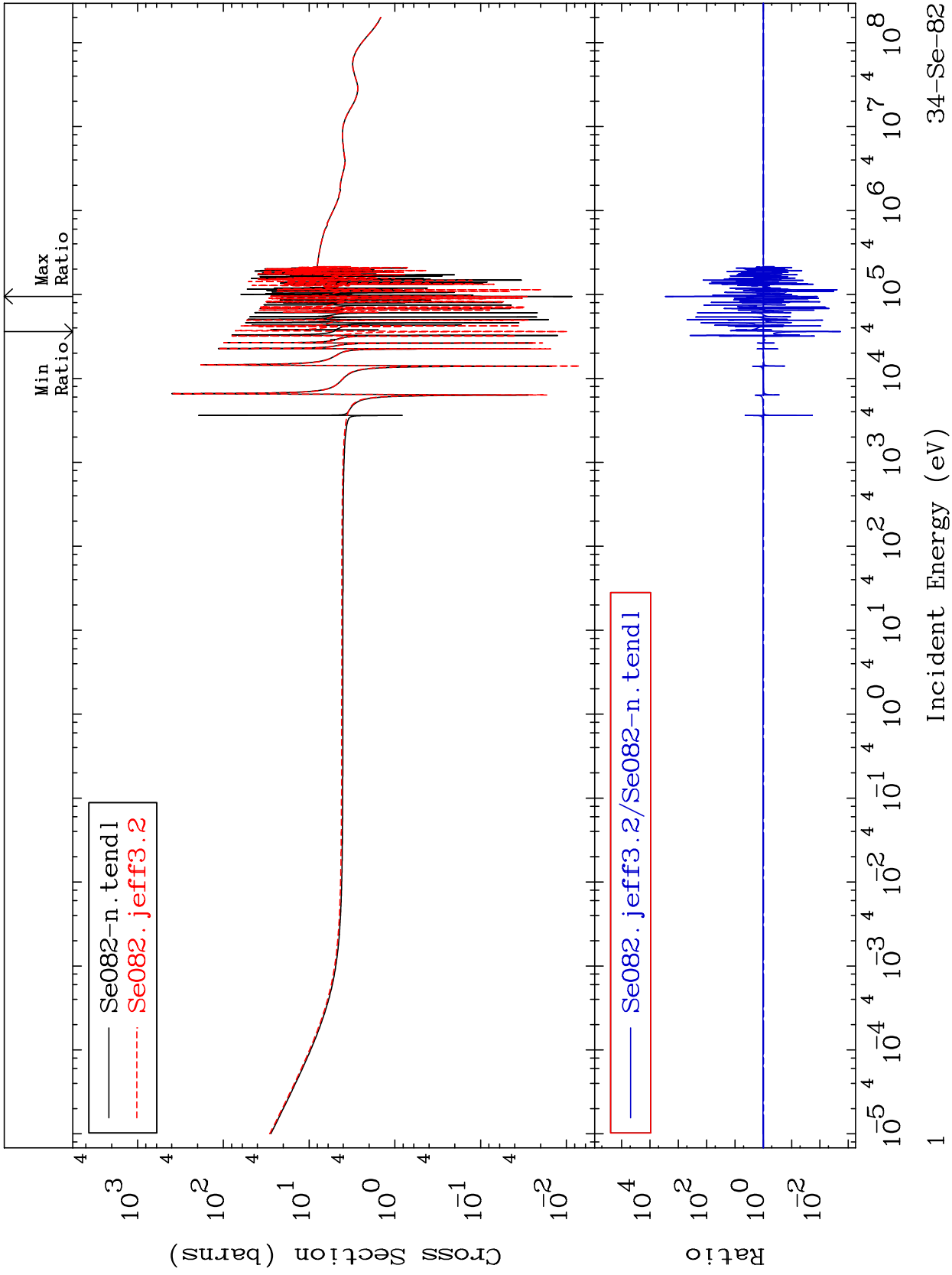


MAT 3449

Total
Cross Section

34-Se-82
-99.81 To 9999. %



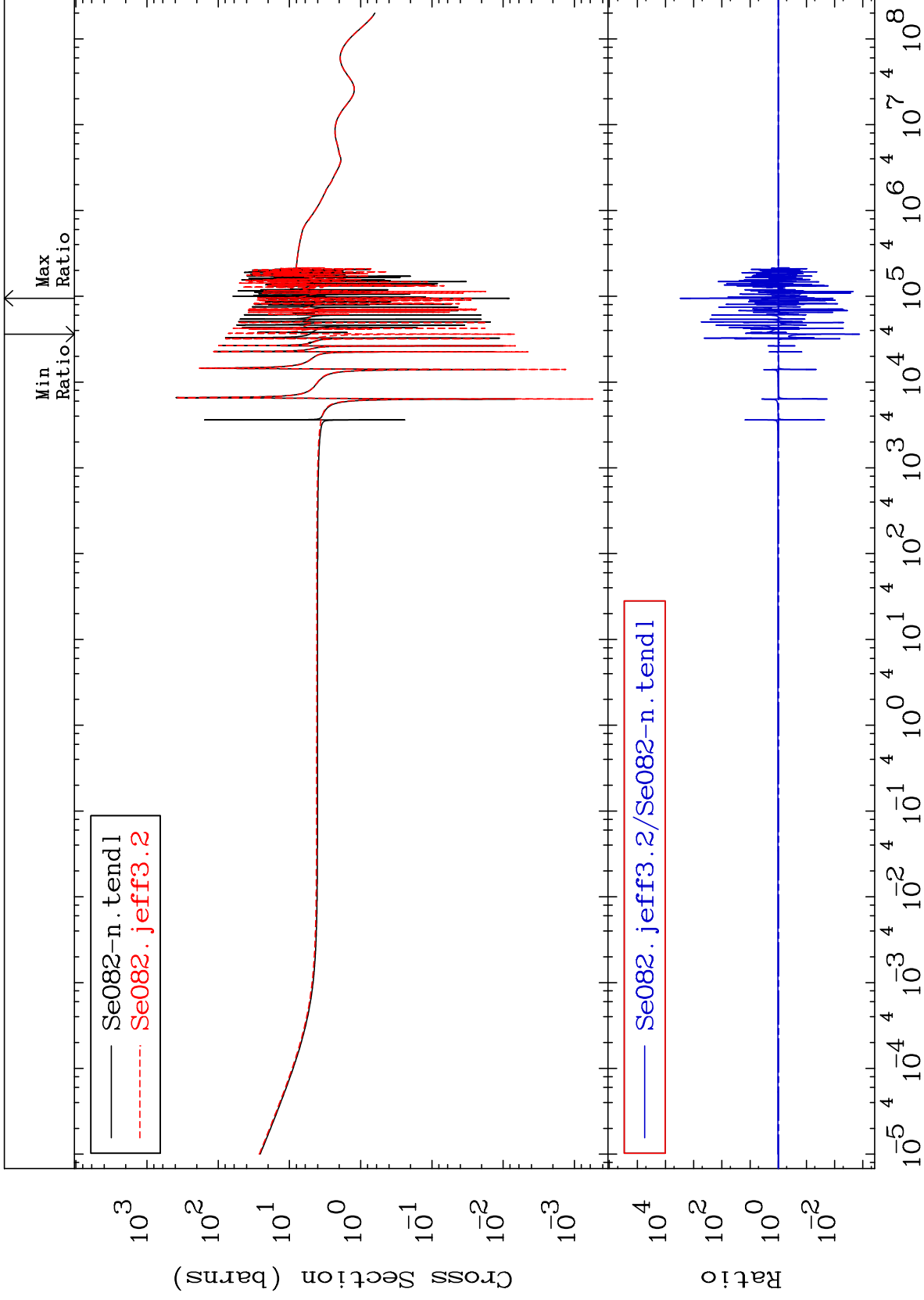
Incident Energy (eV)

34-Se-82

MAT 3449

Elastic
Cross Section

34-Se-82
-99.87 To 9999. %



Incident Energy (eV)

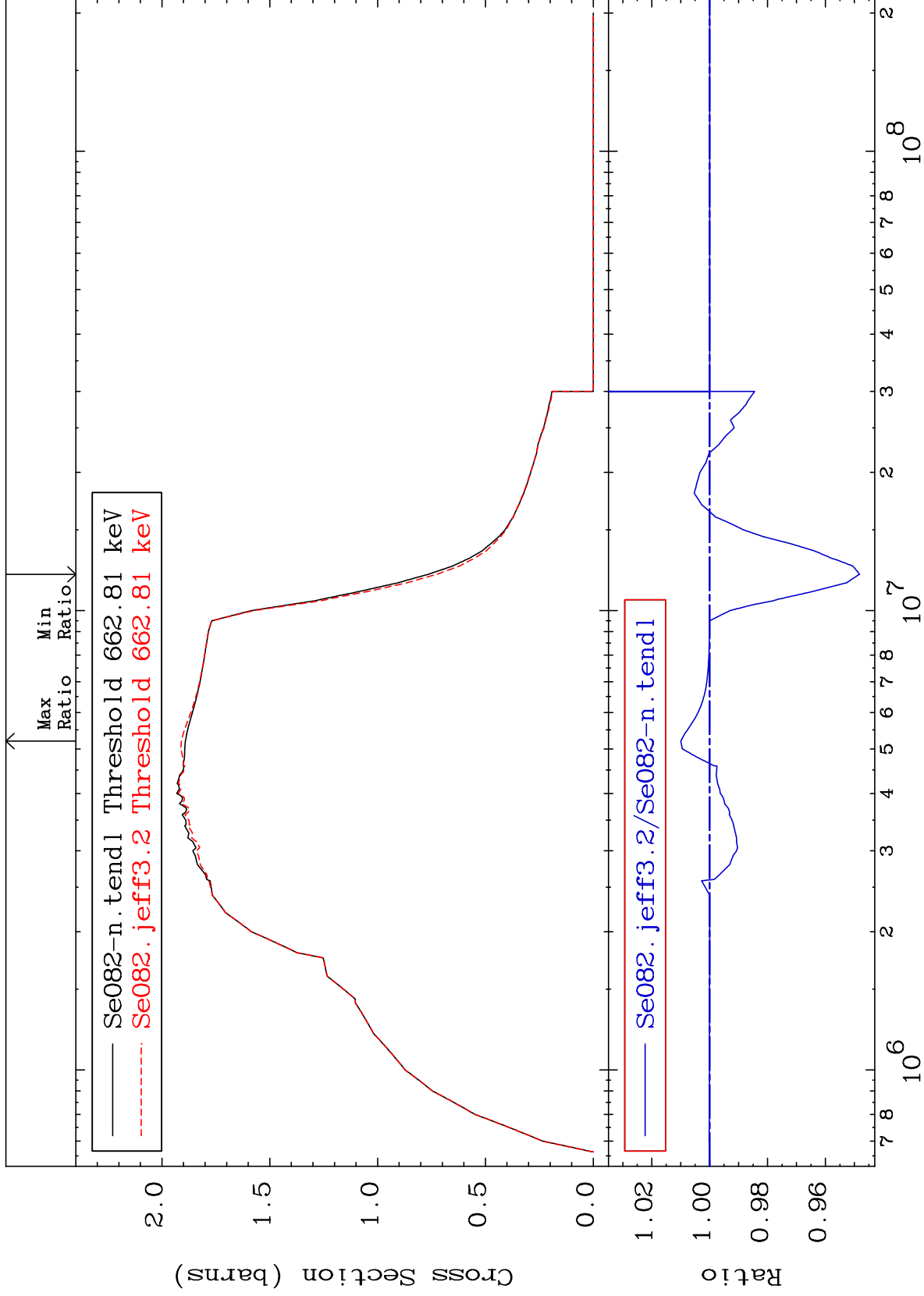
34-Se-82

MAT 3449

³⁴Se-82

Inelastic
Cross Section

-5.177 To 0.996 %



3

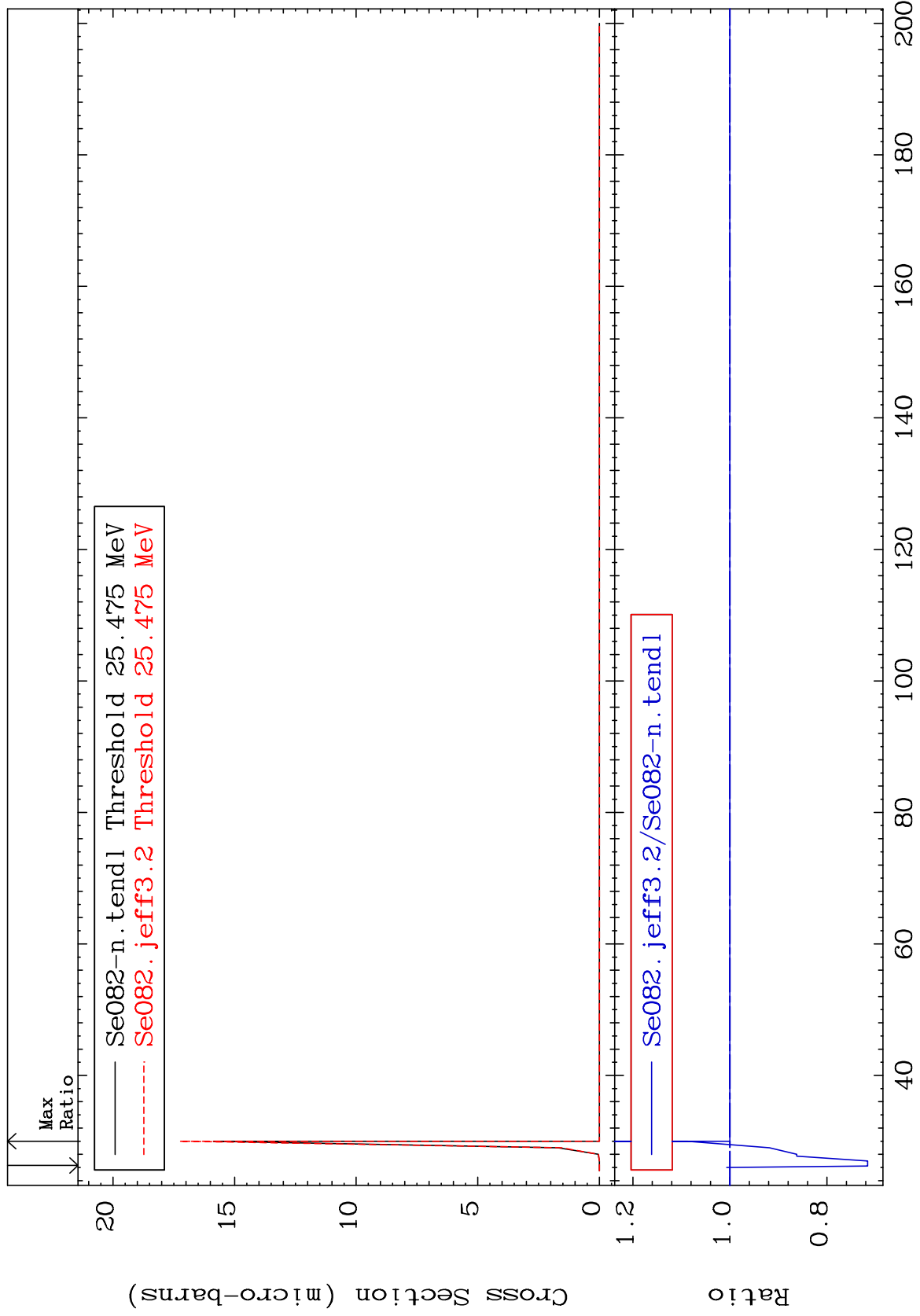
Incident Energy (eV)

³⁴Se-82

MAT 3449

(n,2n) d
Cross Section

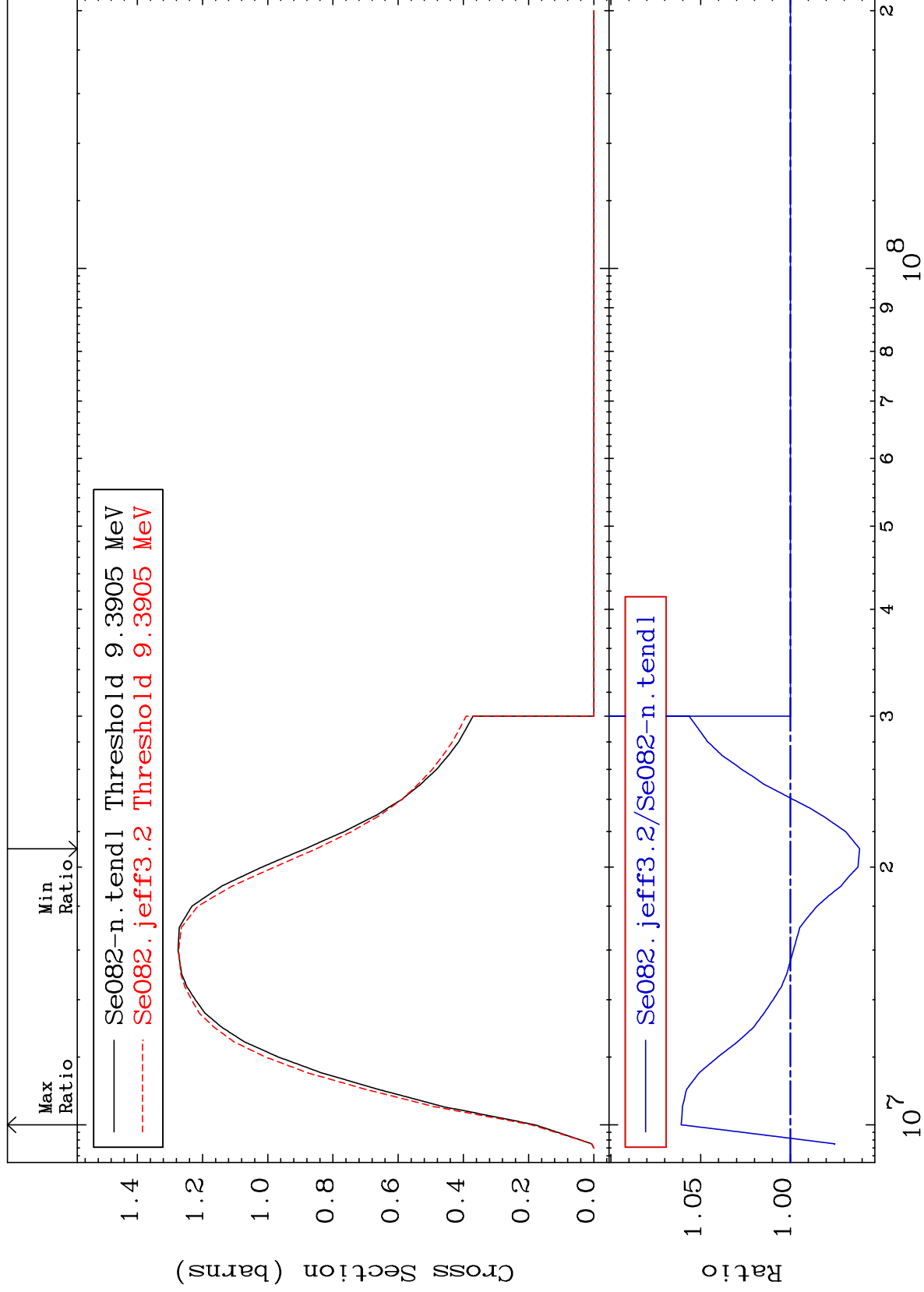
³⁴Se-82
-28.39 To 8.746 %



MAT 3449

(n,2n)
Cross Section

³⁴Se-82
-3.862 To 6.086 %



5

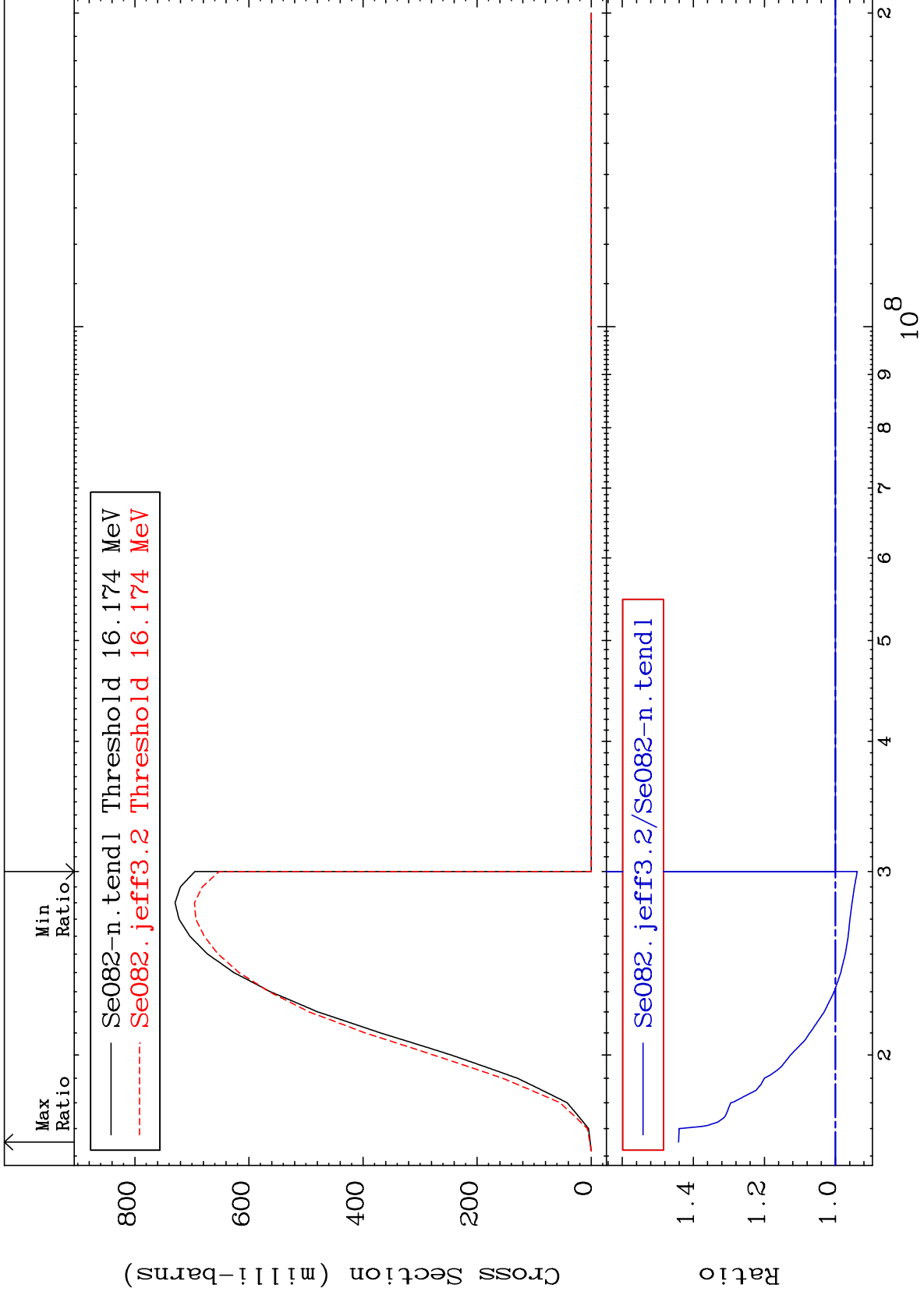
Incident Energy (eV)

³⁴Se-82

MAT 3449

(n,3n)
Cross Section

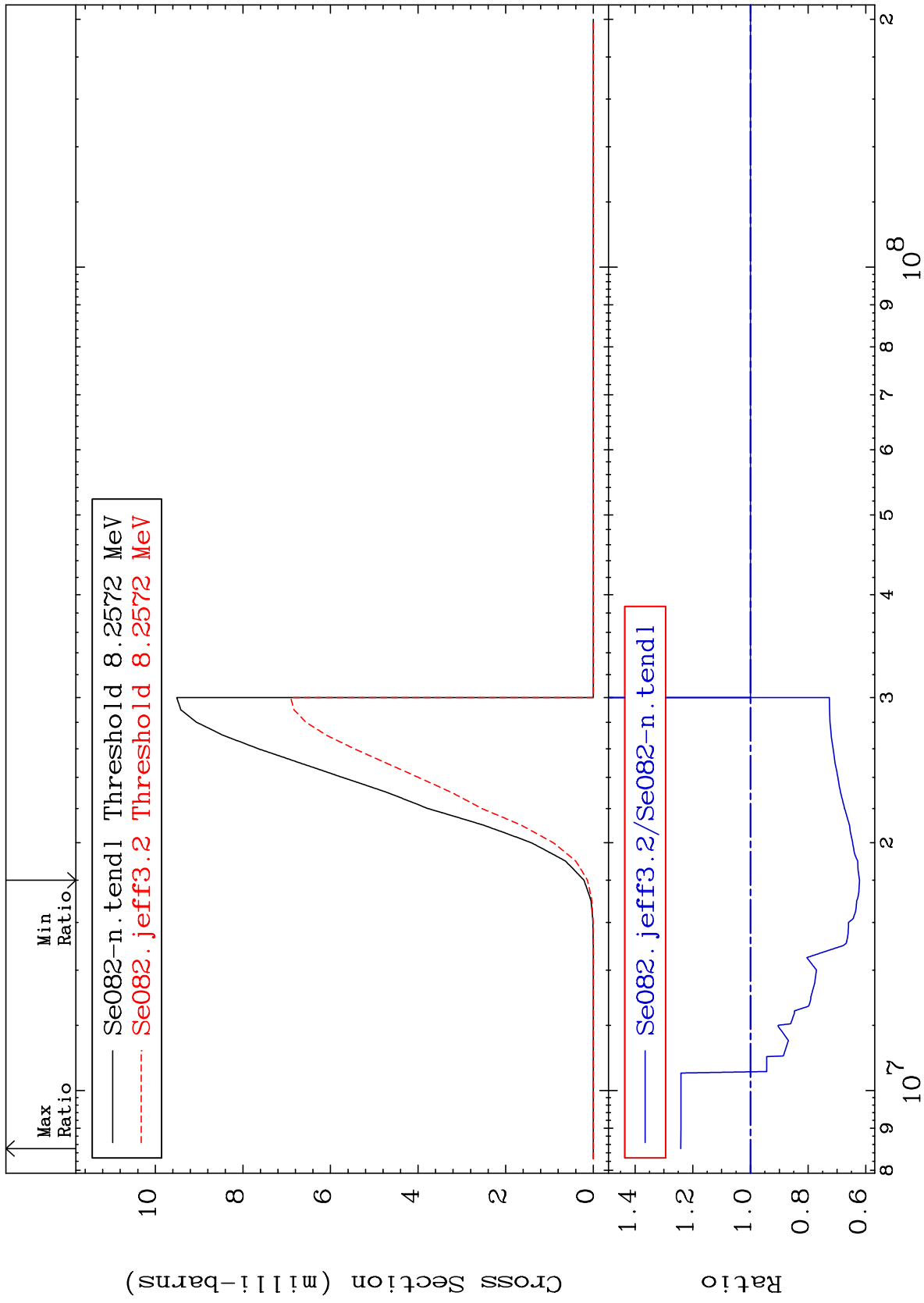
³⁴Se-82
-6.133 To 44.15 %



MAT 3449

(n,n') α
Cross Section

³⁴Se-82
-37.81 To 24.15 %



7

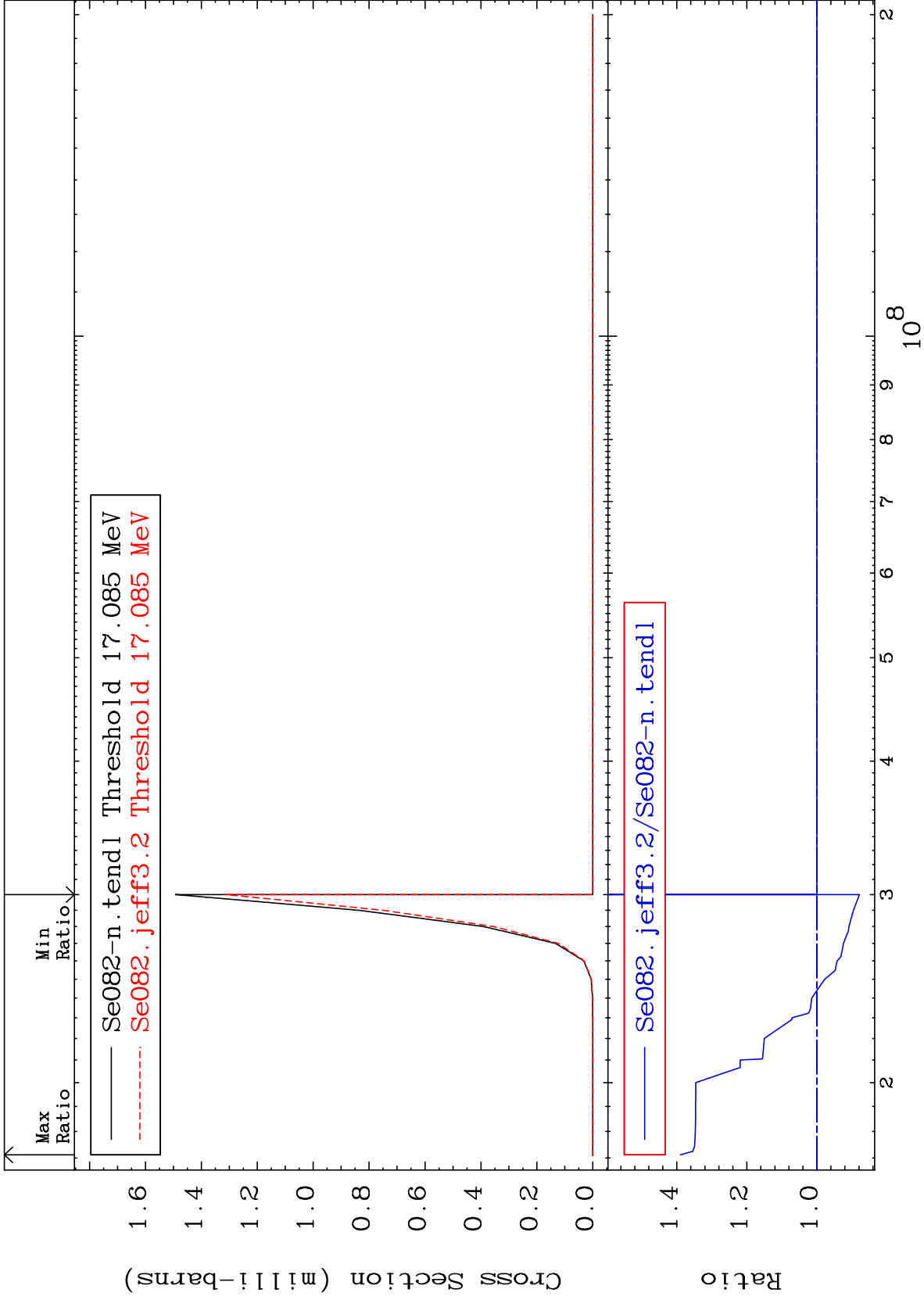
Incident Energy (eV)

³⁴Se-82

MAT 3449

(n,2n) α
Cross Section

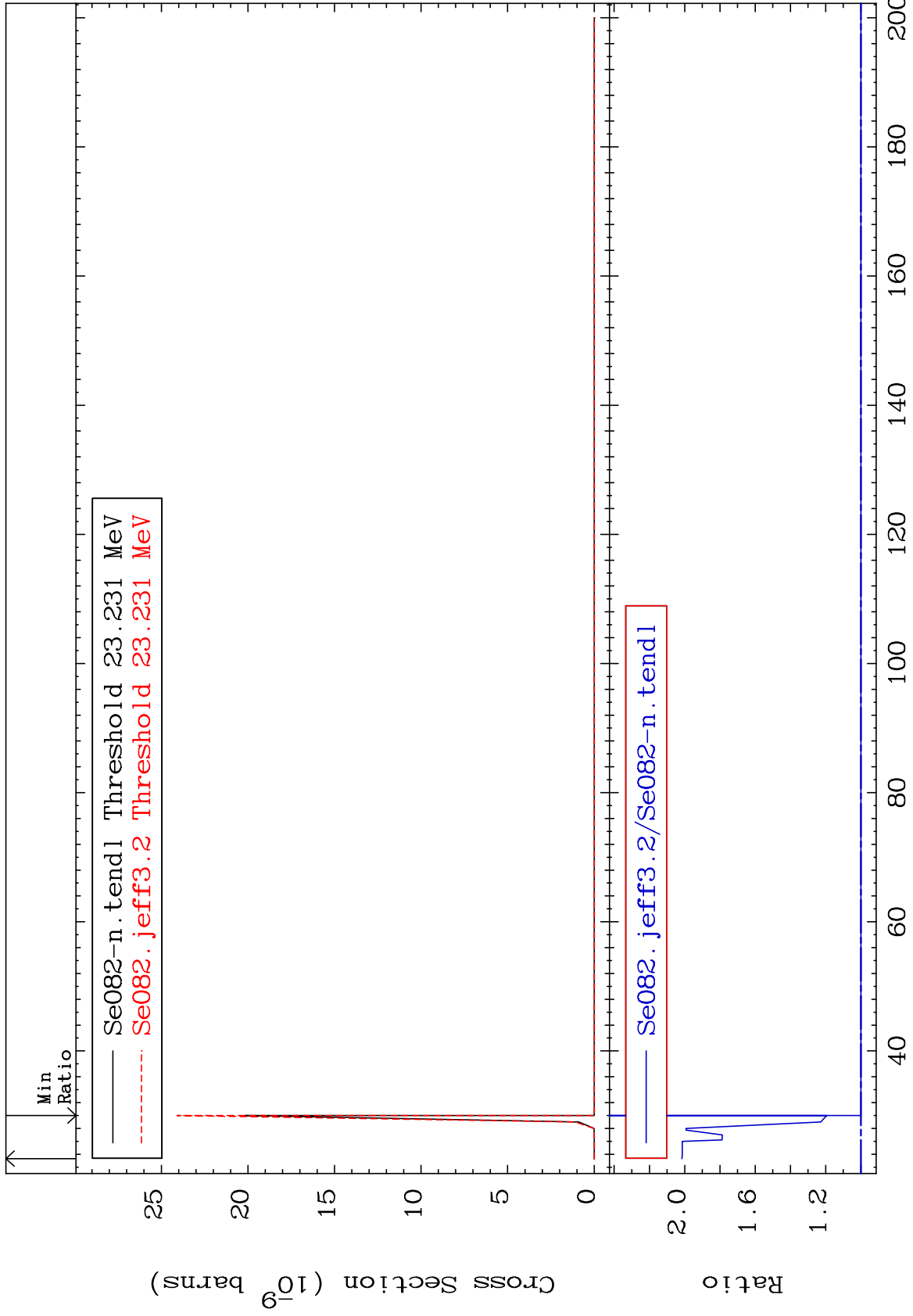
³⁴Se-82
-12.14 To 38.99 %



MAT 3449

(n,3n) α
Cross Section

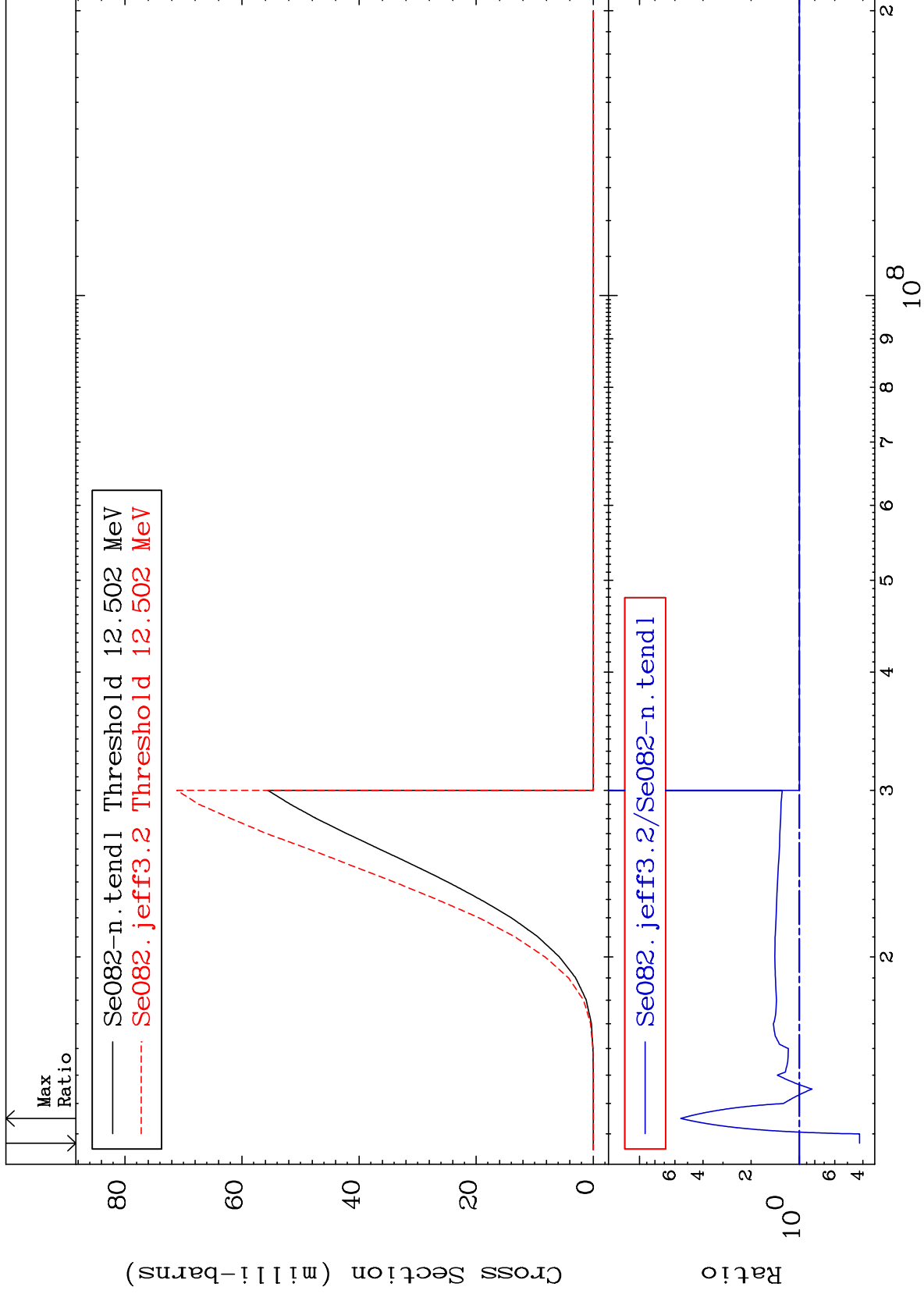
$^{34}\text{Se-82}$
To 101.6 %
0.000



MAT 3449

(n, n') p
Cross Section

³⁴Se-82
-58.01 To 451.4 %



10

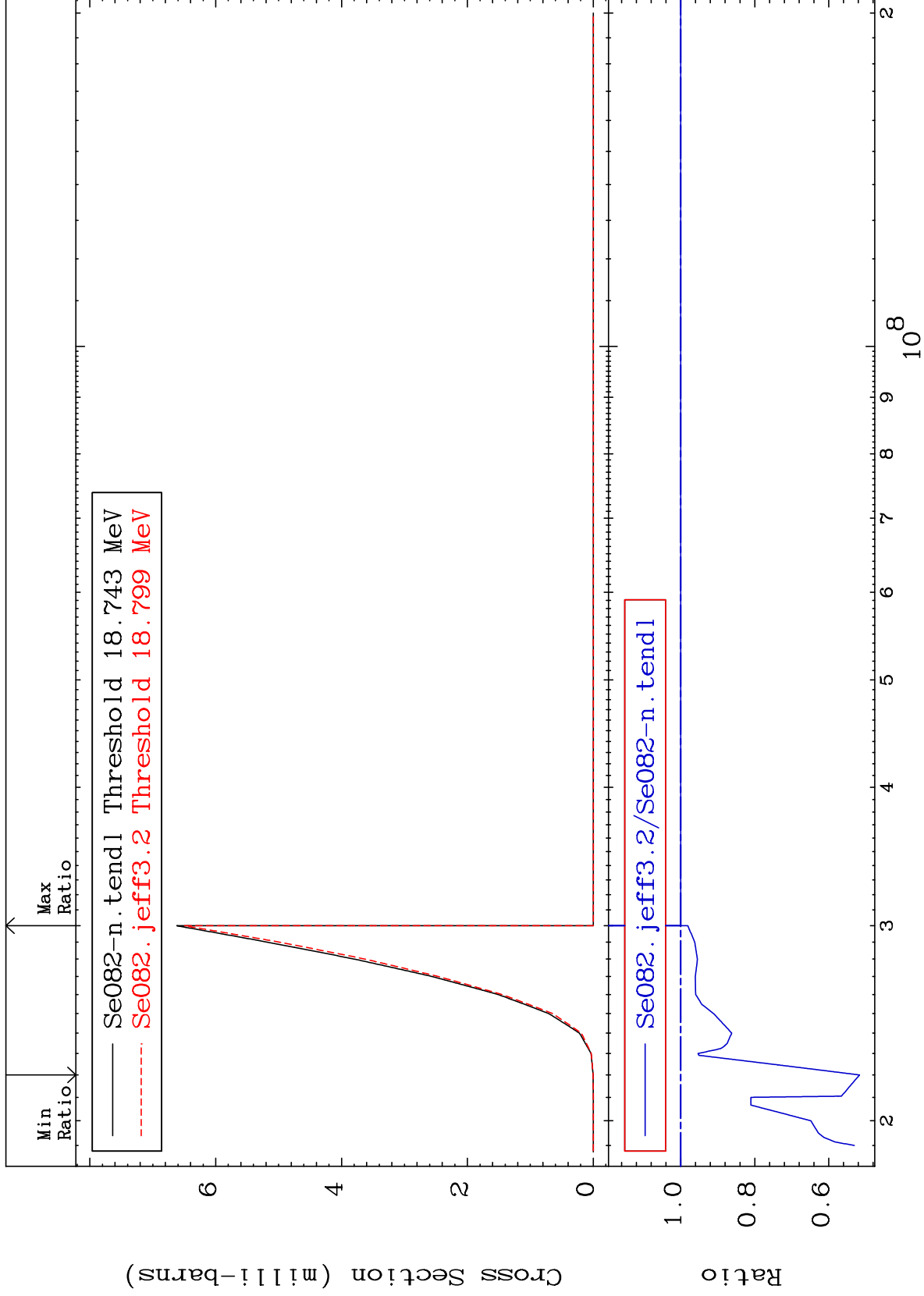
Incident Energy (eV)

³⁴Se-82

MAT 3449

(n,n') d
Cross Section

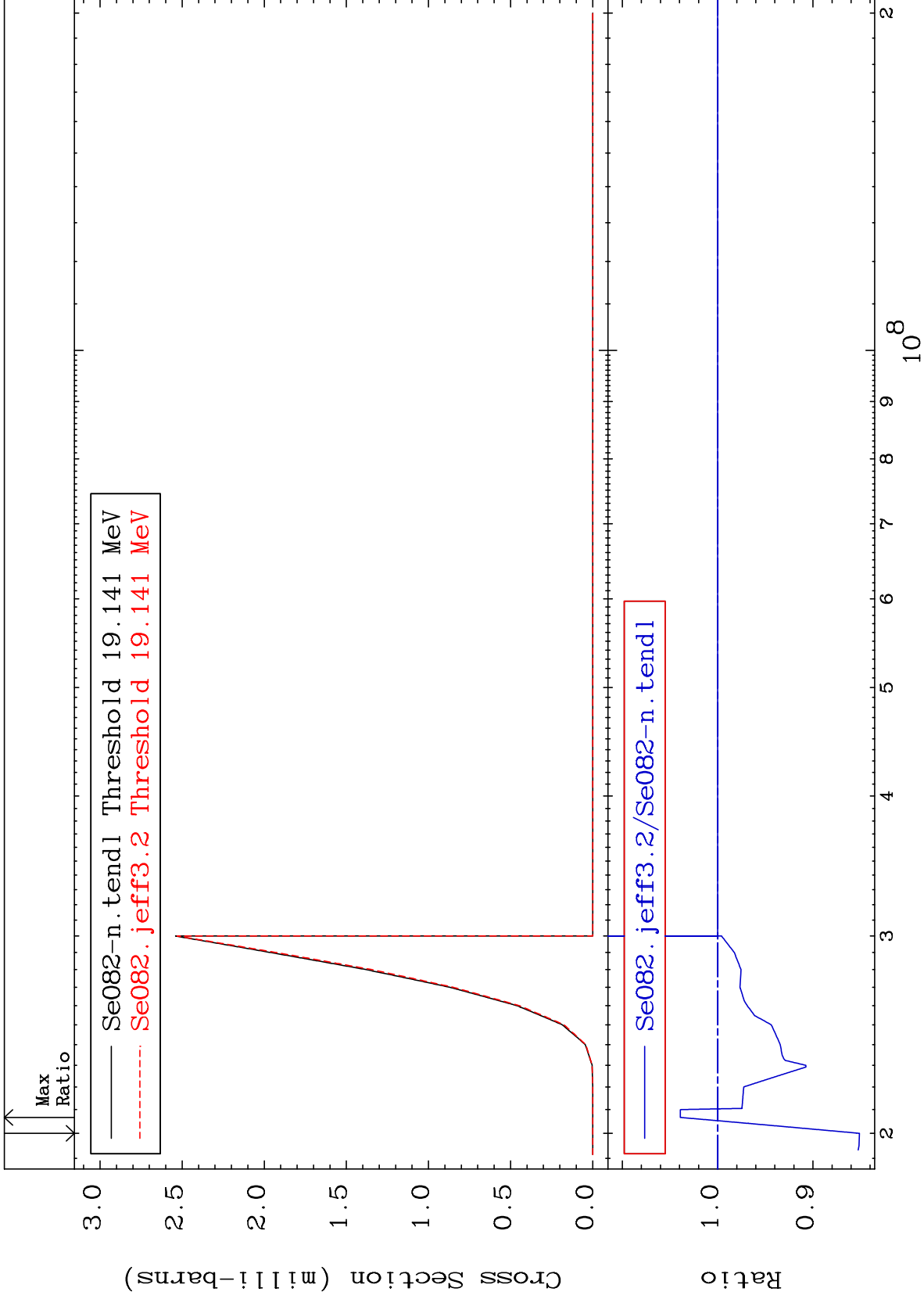
³⁴Se-82
-48.33 To 0.000 %



MAT 3449

(n,n') t
Cross Section

³⁴Se-82
-14.88 To 3.914 %



12

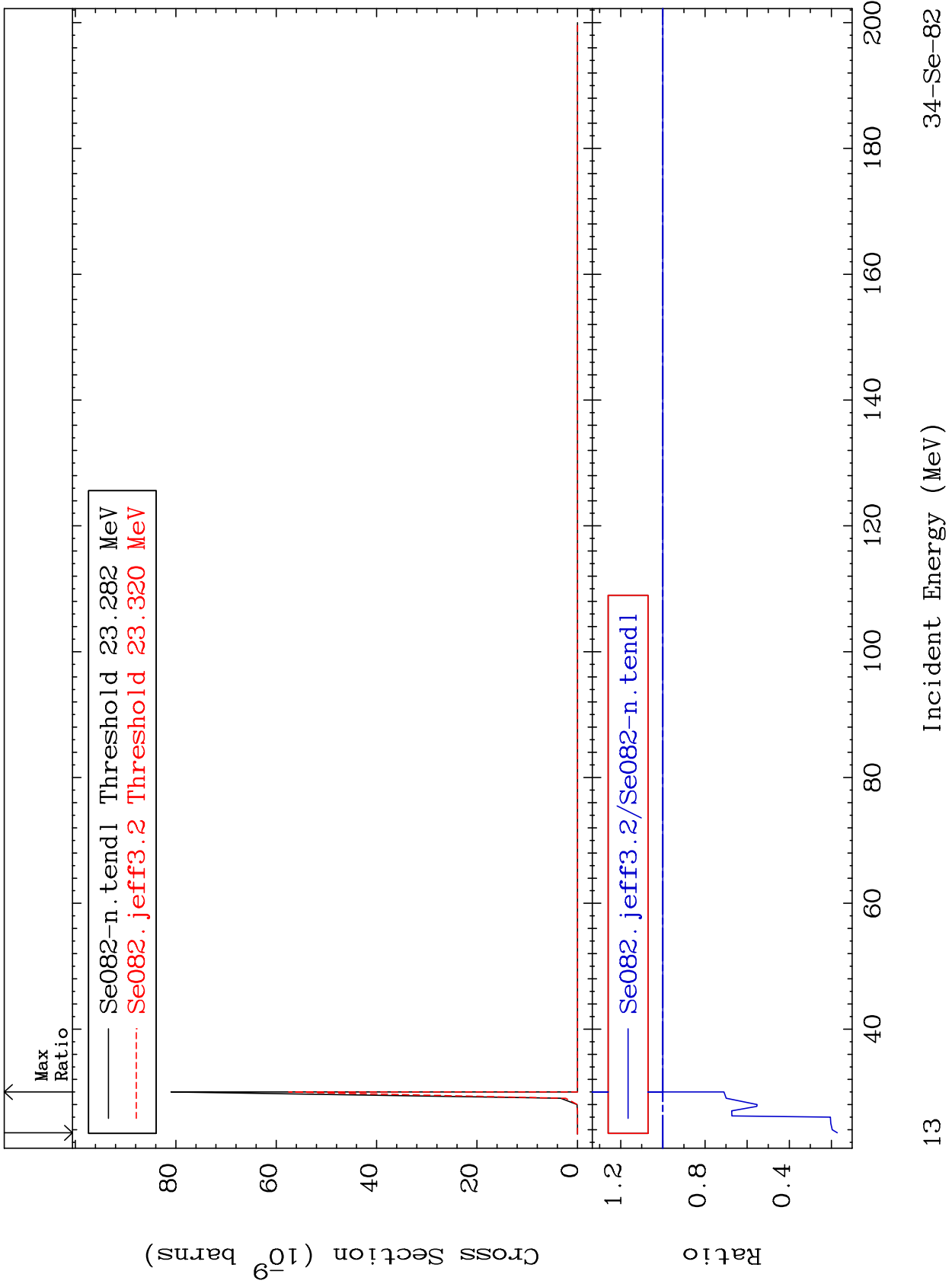
Incident Energy (eV)

³⁴Se-82

MAT 3449

(n, n') He-3
Cross Section

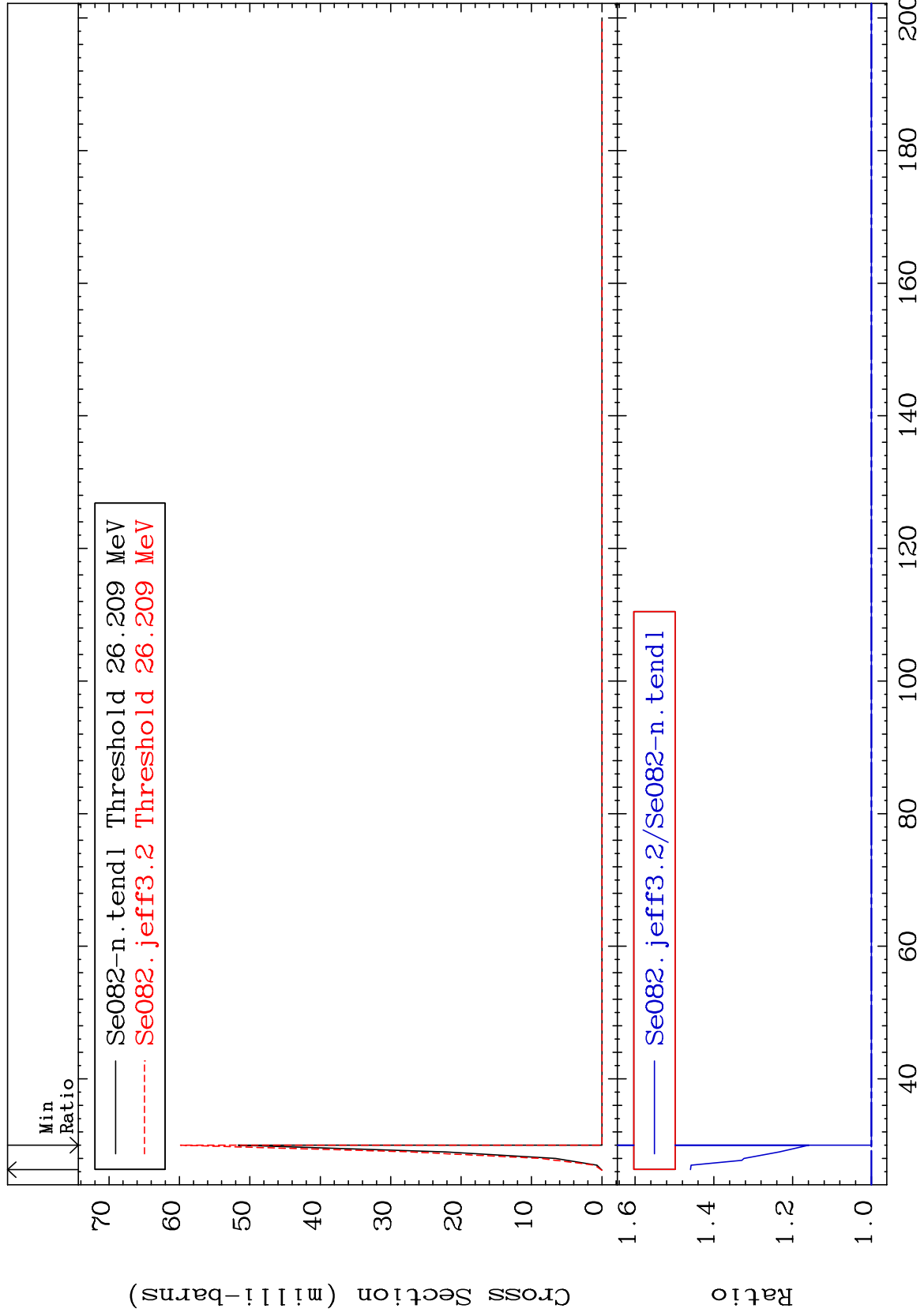
³⁴Se-82
-82.80 To 0.000 %



MAT 3449

(n,4n)
Cross Section

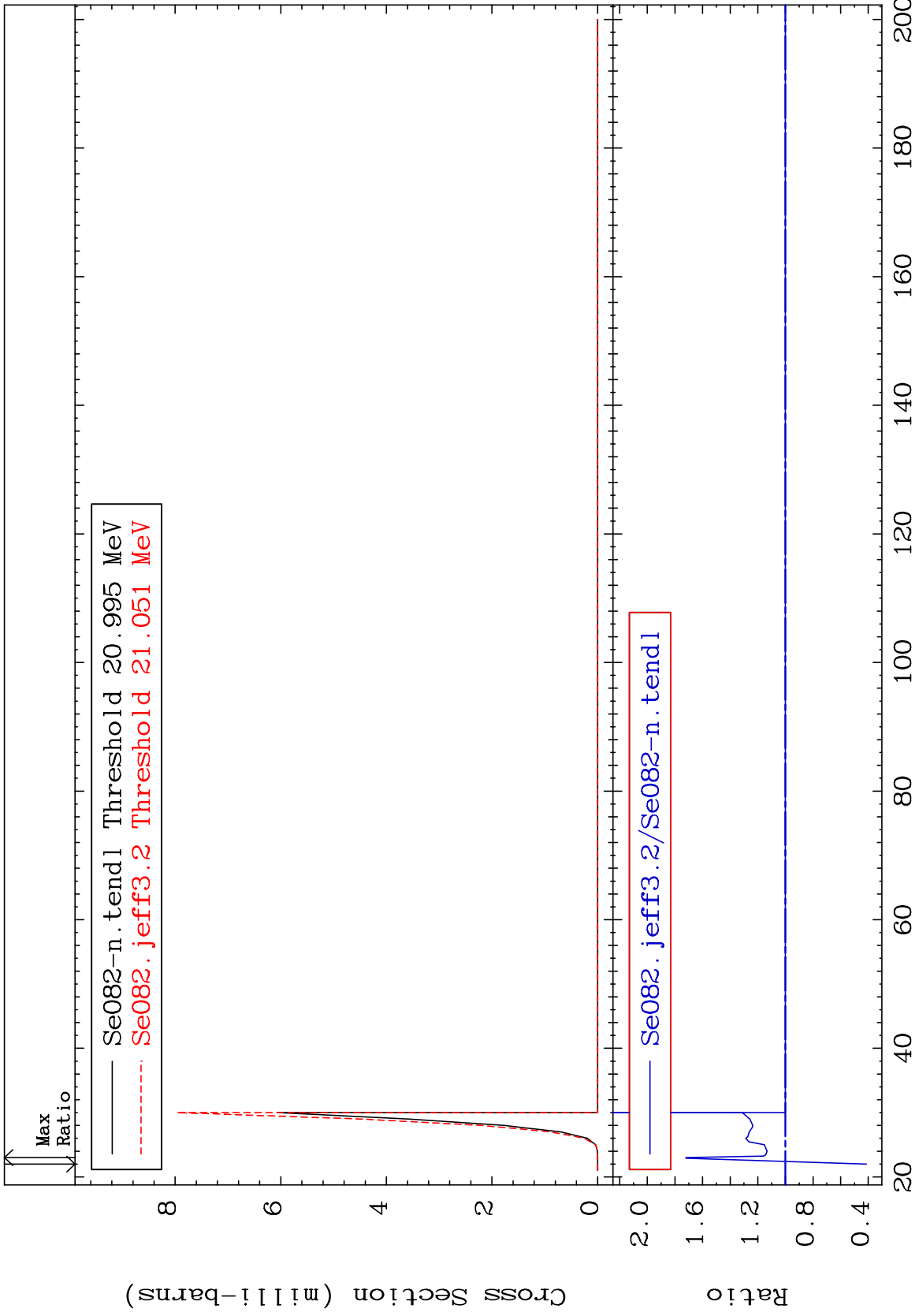
³⁴Se-82
To 45.93 %
0.000



MAT 3449

(n,2n) p
Cross Section

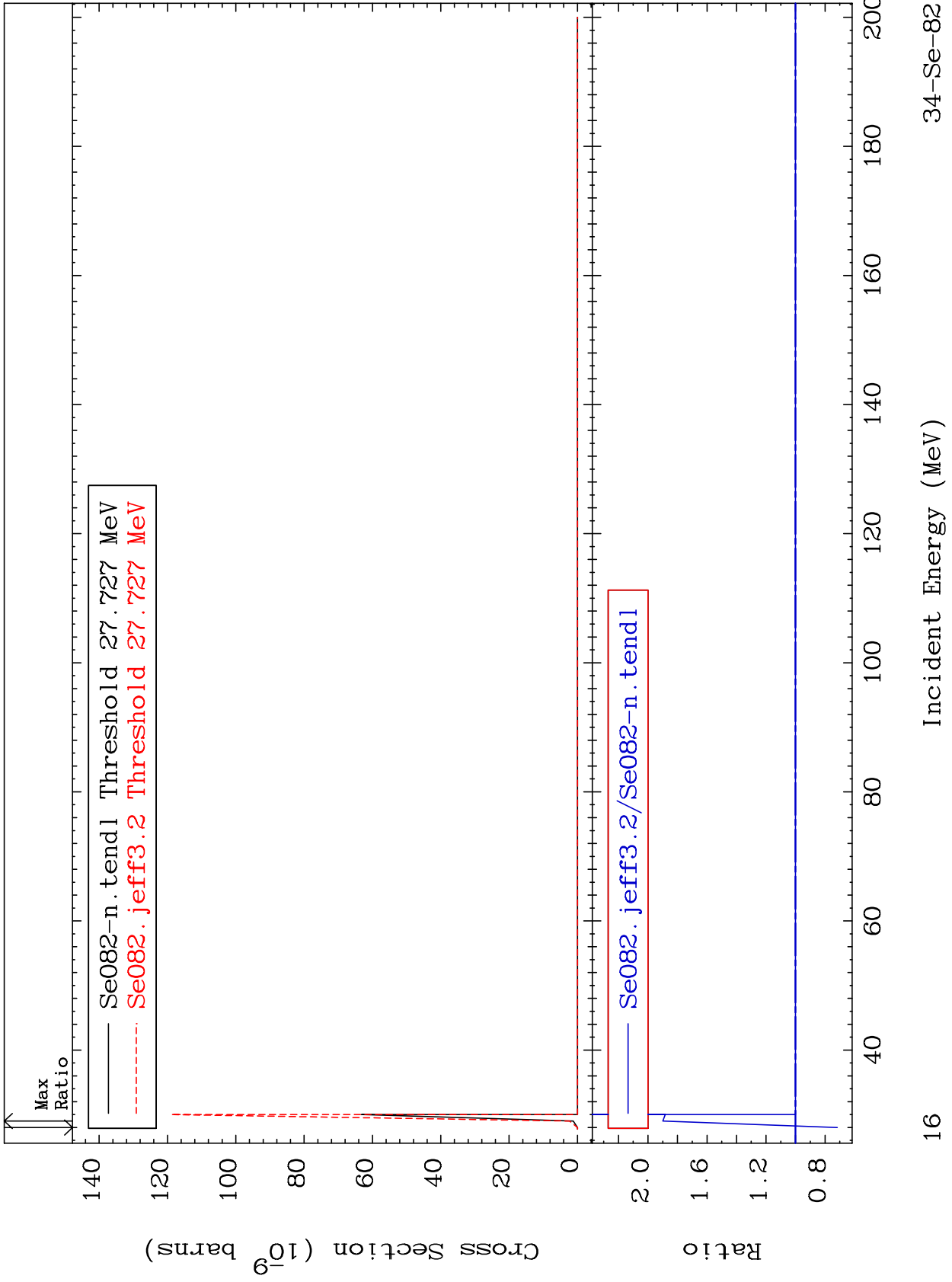
³⁴Se-82
-58.72 To 72.02 %



MAT 3449

(n,3n) p
Cross Section

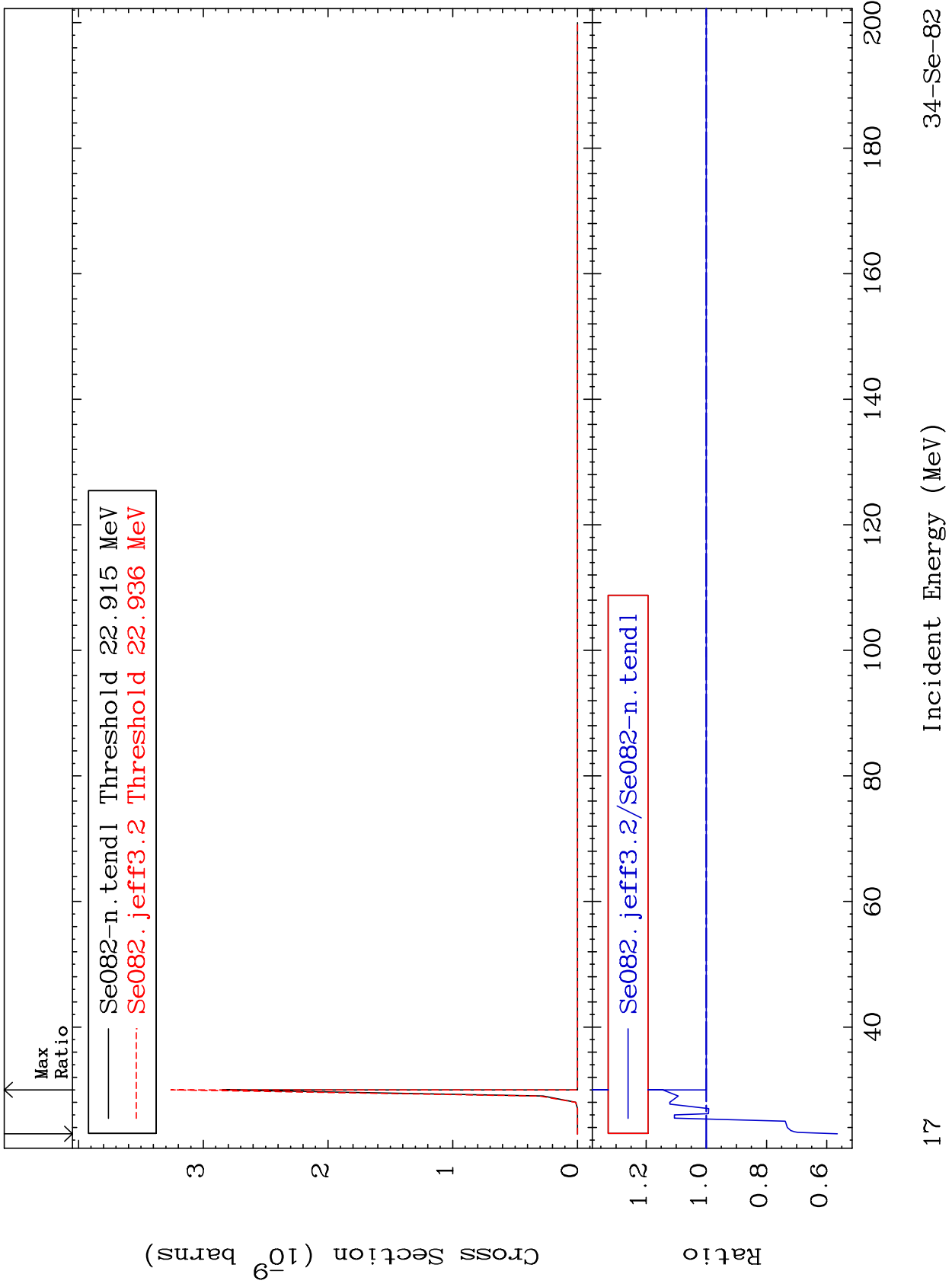
³⁴Se-82
-28.30 To 89.91 %



MAT 3449

(n,2n) p
Cross Section

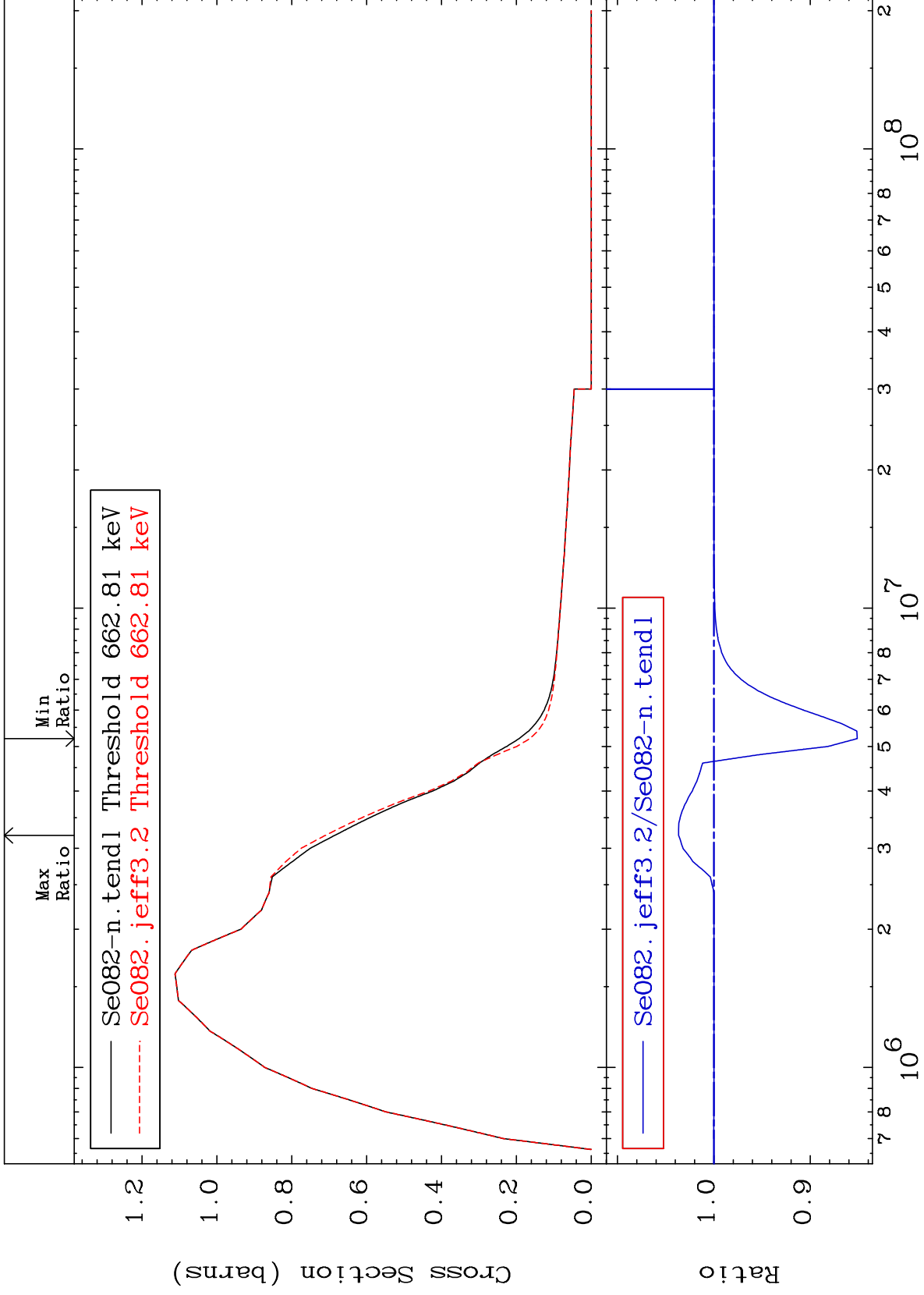
³⁴Se-82
-43.51 To 14.43 %



MAT 3449

654.8 keV (n,n') Level
Cross Section

34-Se-82
-14.87 To 3.660 %



18

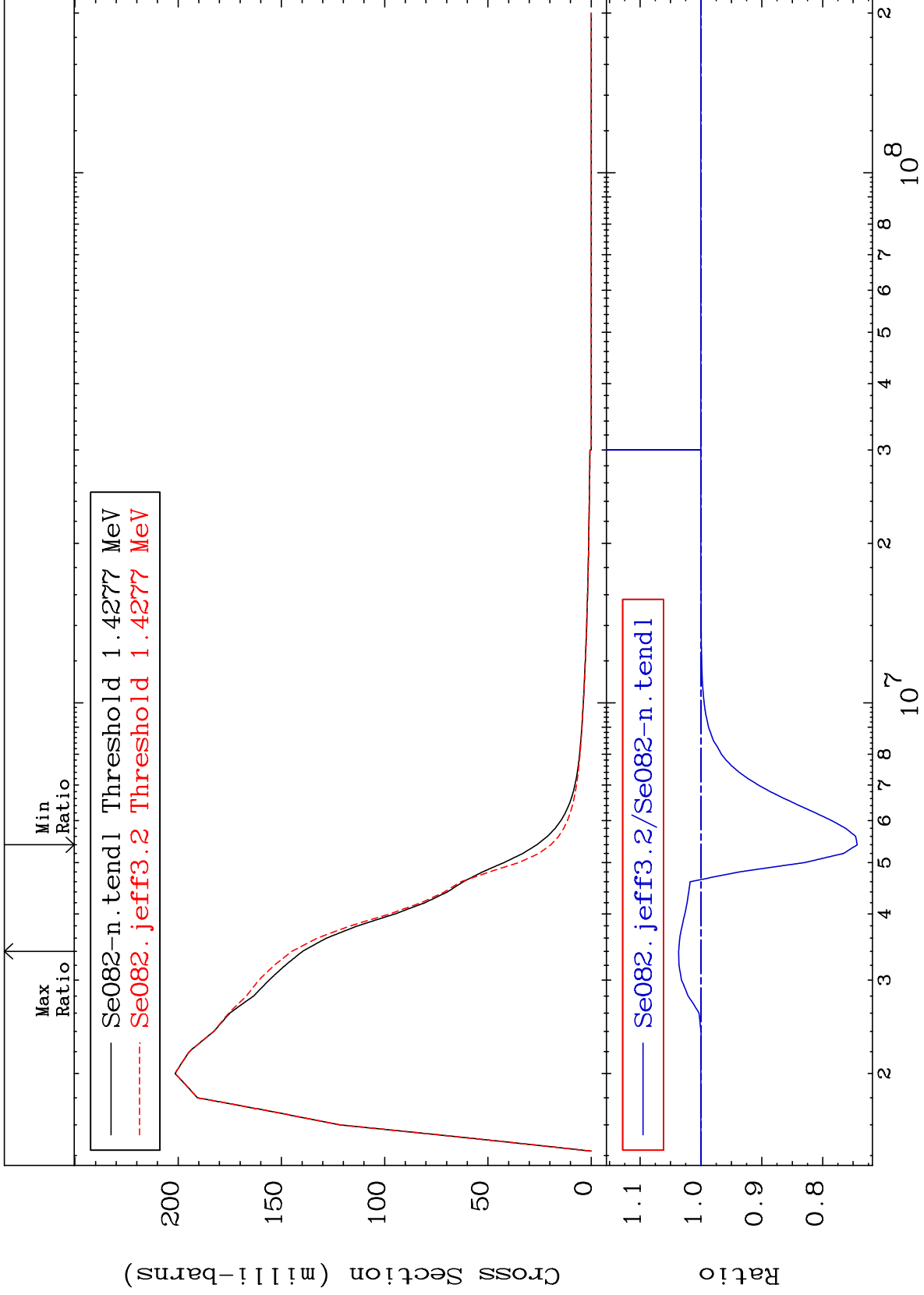
Incident Energy (eV)

34-Se-82

MAT 3449

1.410 MeV (n,n') Level
Cross Section

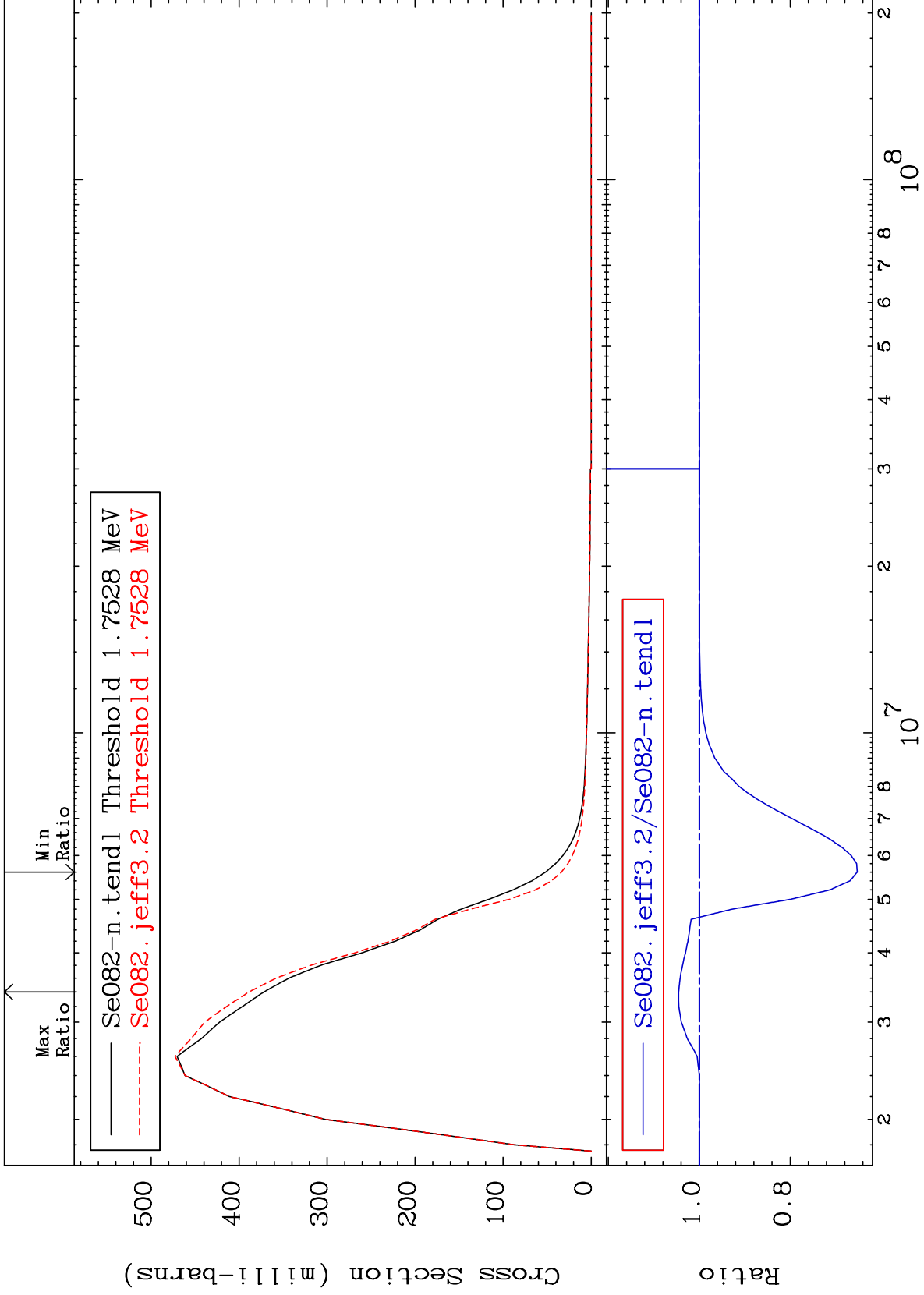
34-Se-82
-25.67 To 3.663 %



MAT 3449

1.732 MeV (n,n') Level
Cross Section

34-Se-82
-34.75 To 4.544 %



20

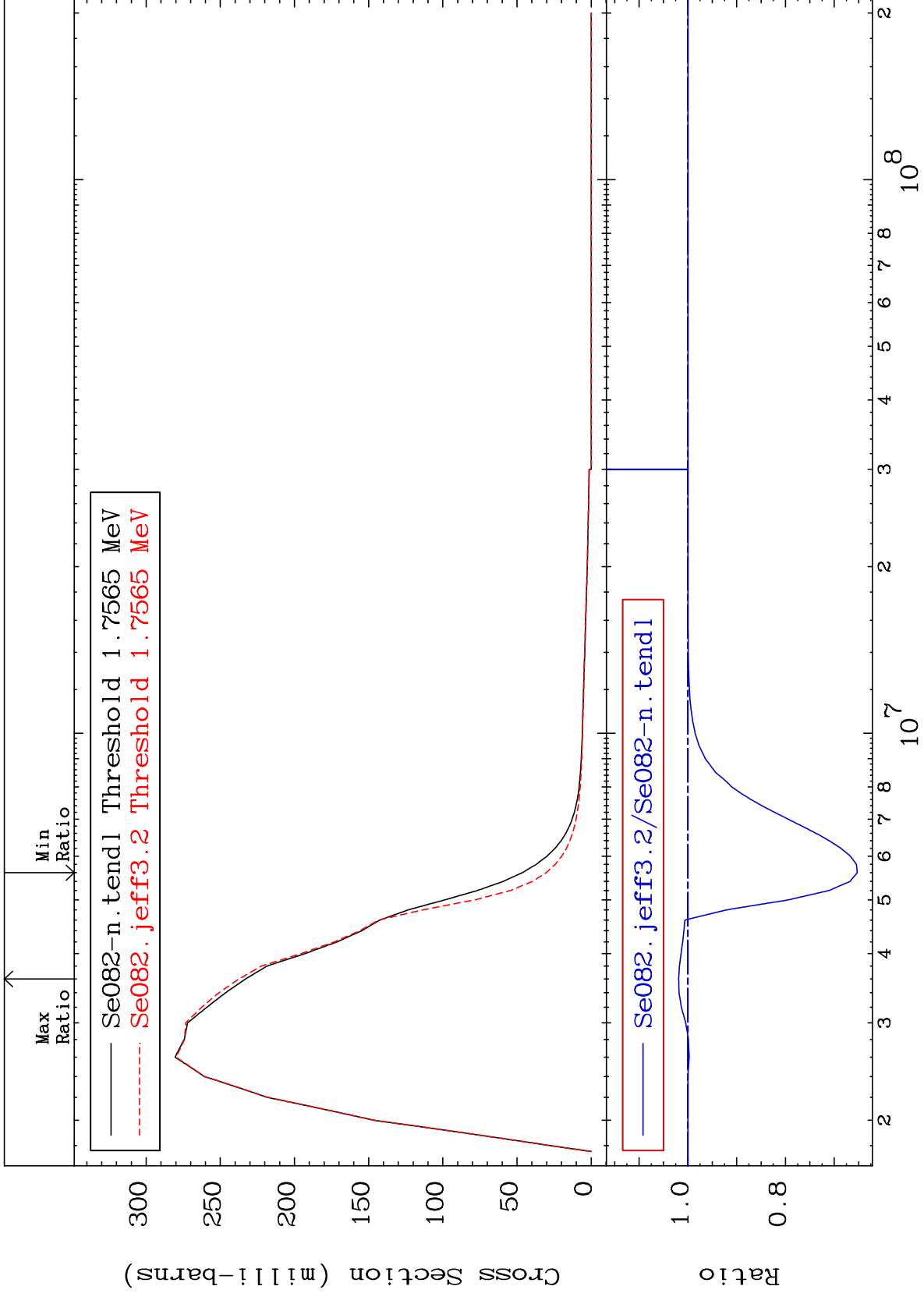
Incident Energy (eV)

34-Se-82

MAT 3449

1.735 MeV (n,n') Level
Cross Section

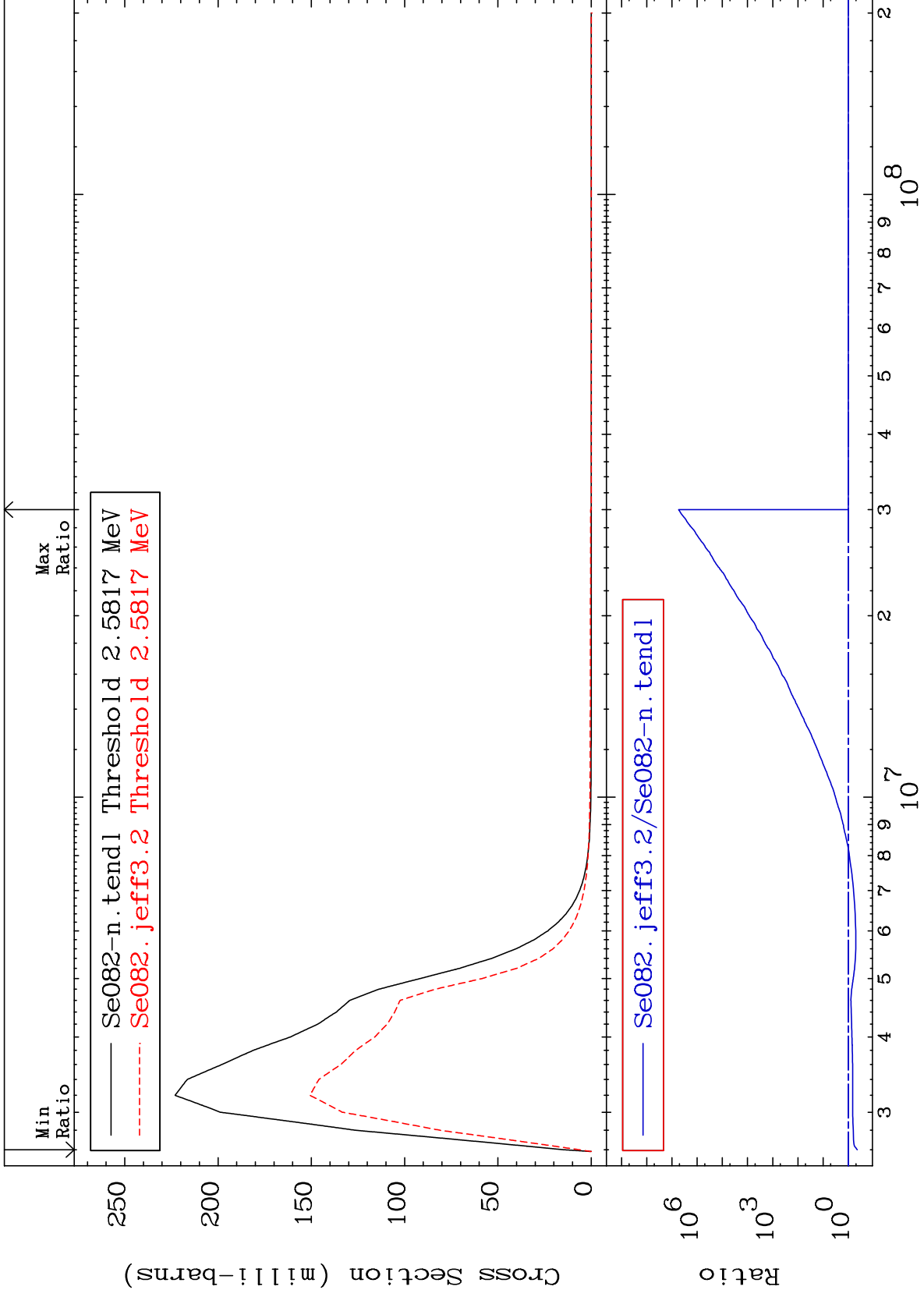
34-Se-82
-34.71 To 1.896 %



MAT 3449

2.550 MeV (n,n') Level
Cross Section

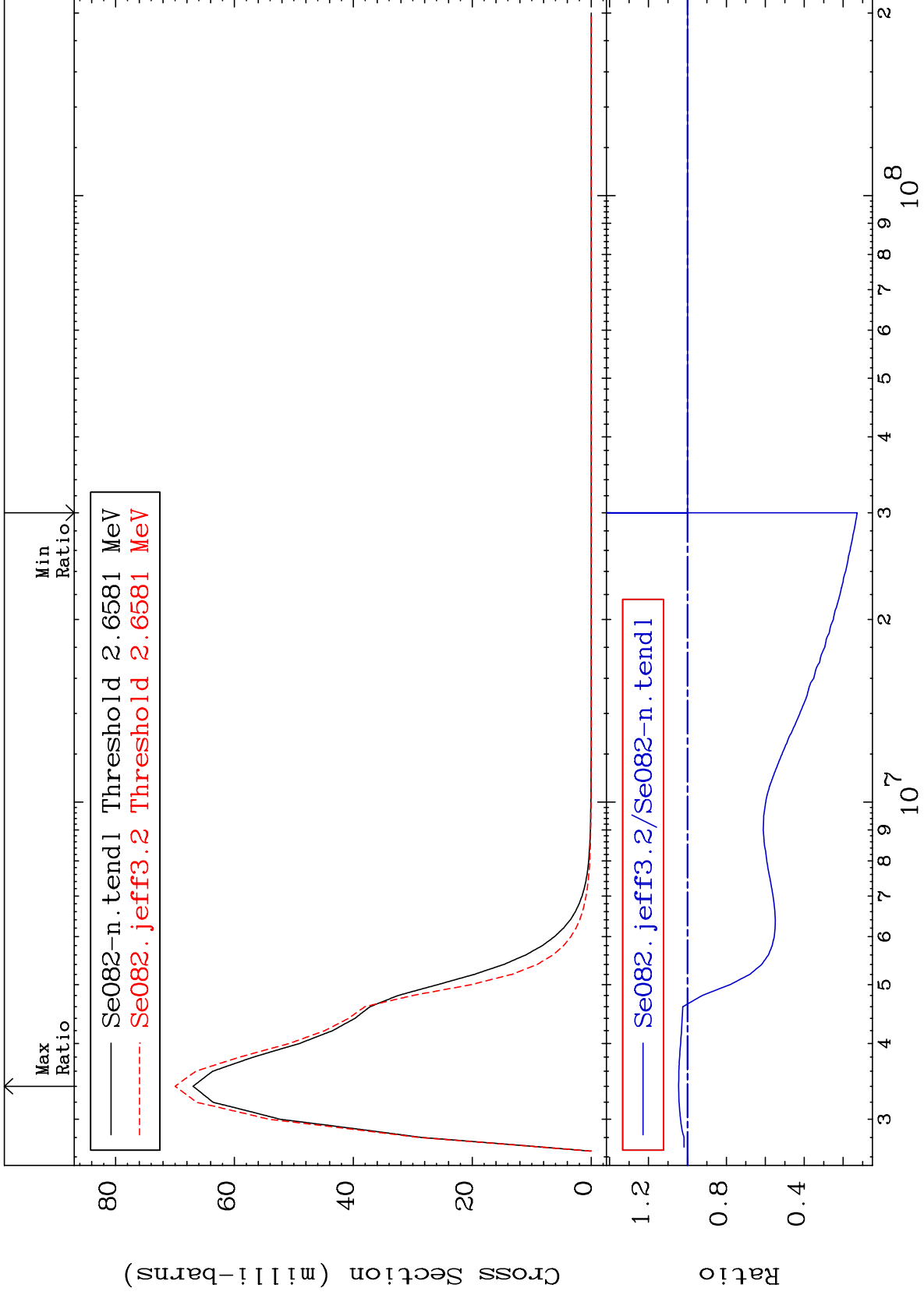
34-Se-82
-55.70 To 9999. %



MAT 3449

2.626 MeV (n,n') Level
Cross Section

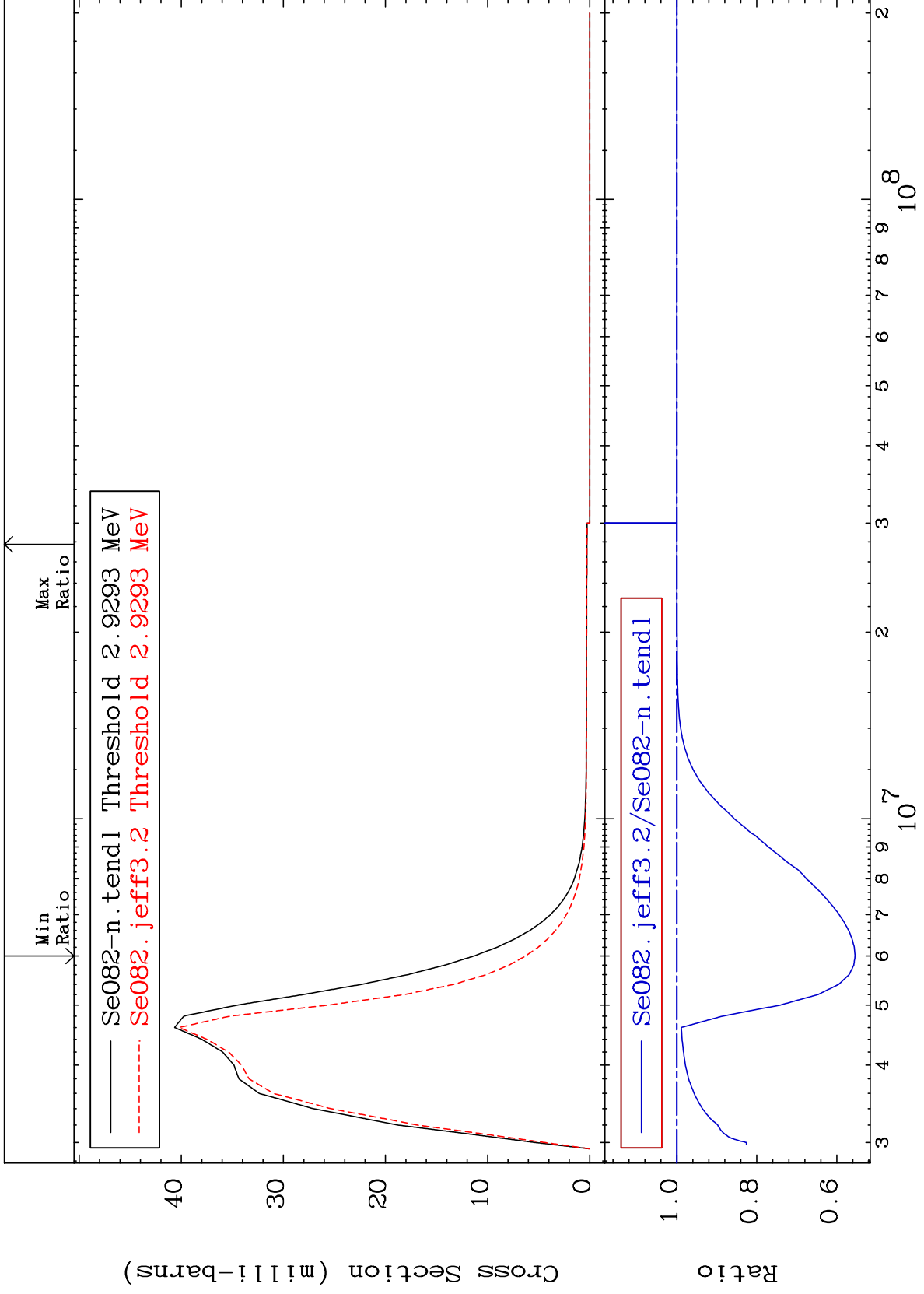
34-Se-82
-87.24 To 4.528 %

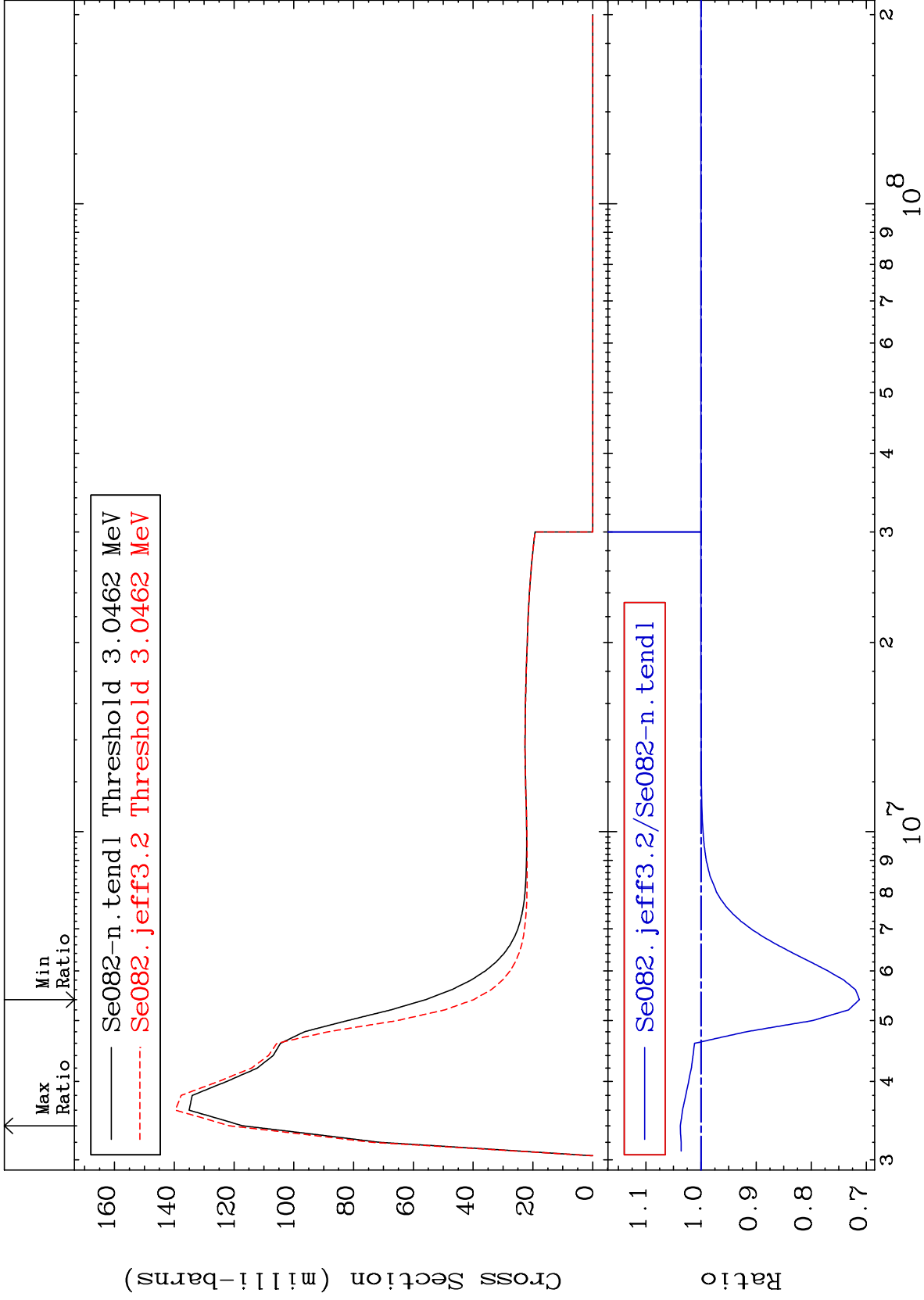


MAT 3449

2.894 MeV (n,n') Level
Cross Section

34-Se-82
-44.59 To 0.000 %

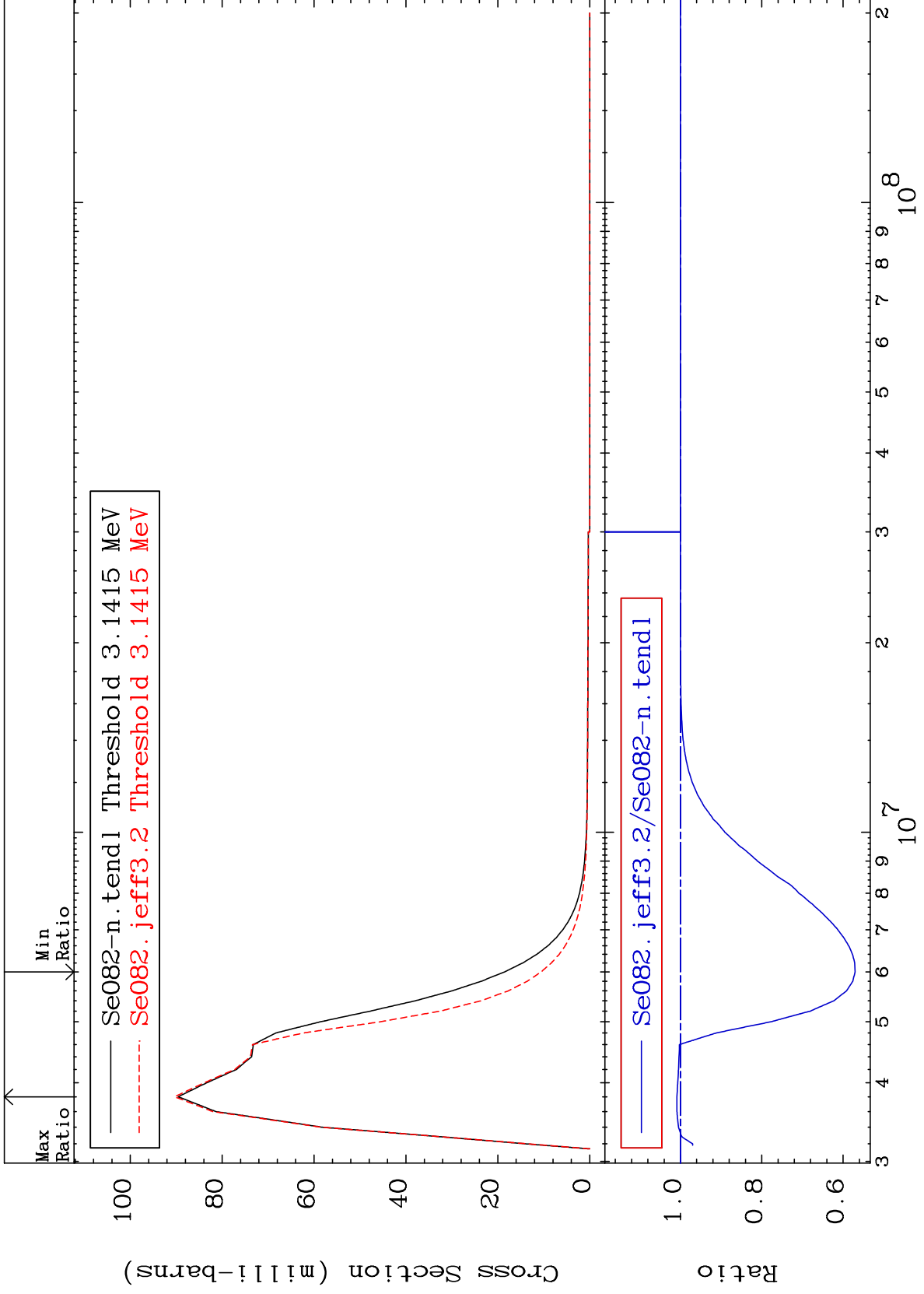




MAT 3449

3.103 MeV (n,n') Level
Cross Section

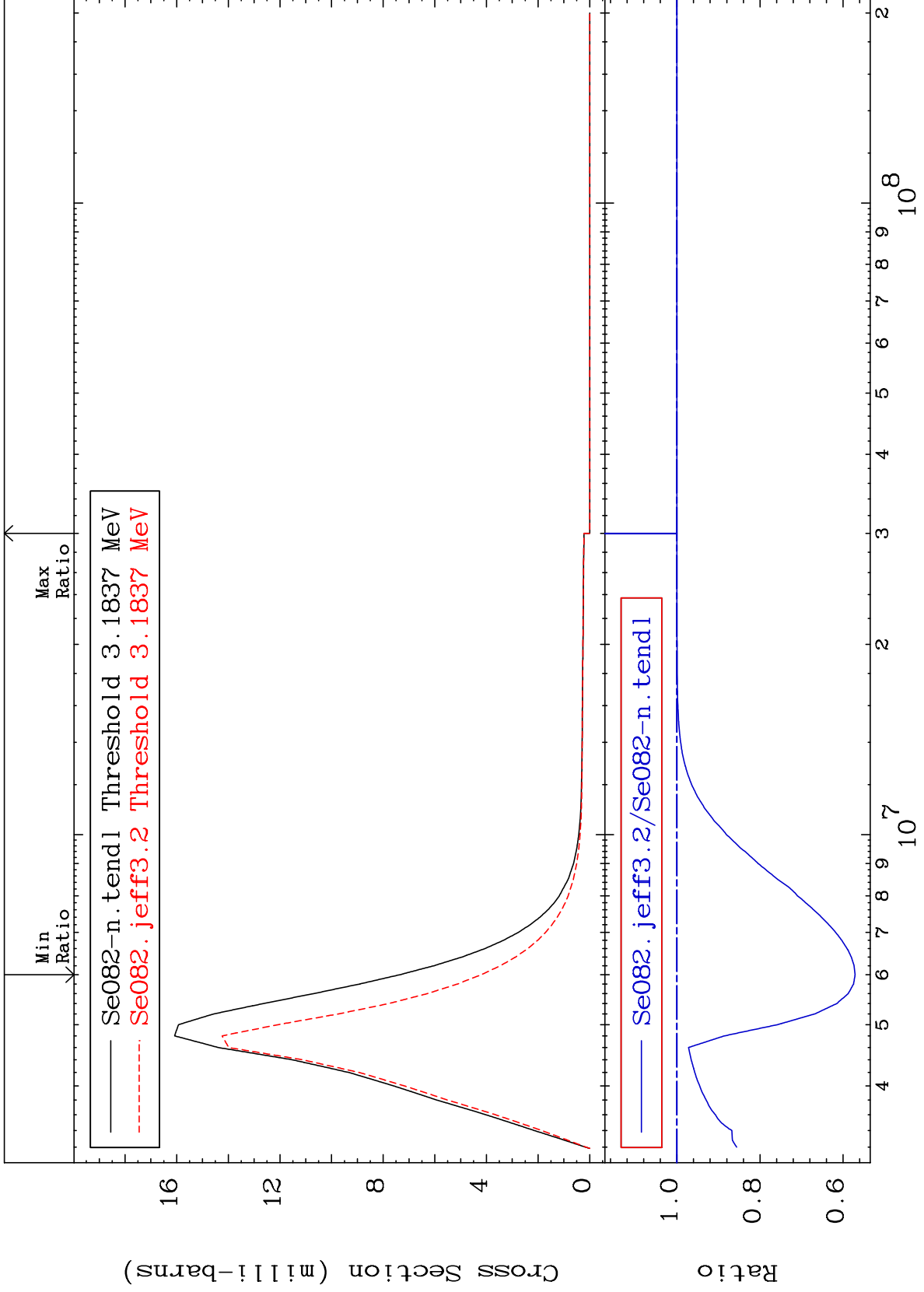
34-Se-82
-42.95 To 0.858 %



MAT 3449

3.145 MeV (n,n') Level
Cross Section

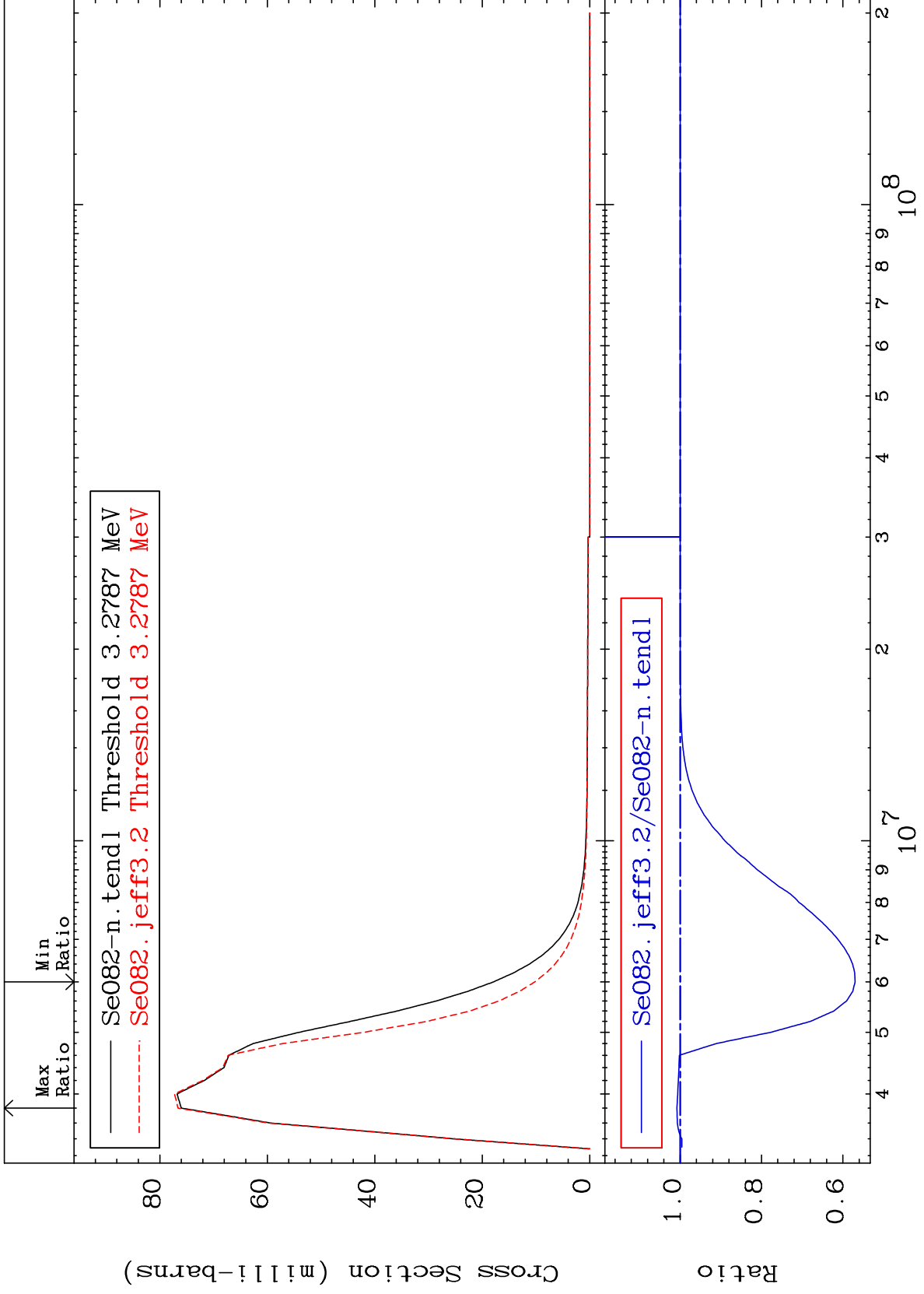
34-Se-82
-42.88 To 0.000 %



MAT 3449

3.239 MeV (n,n') Level
Cross Section

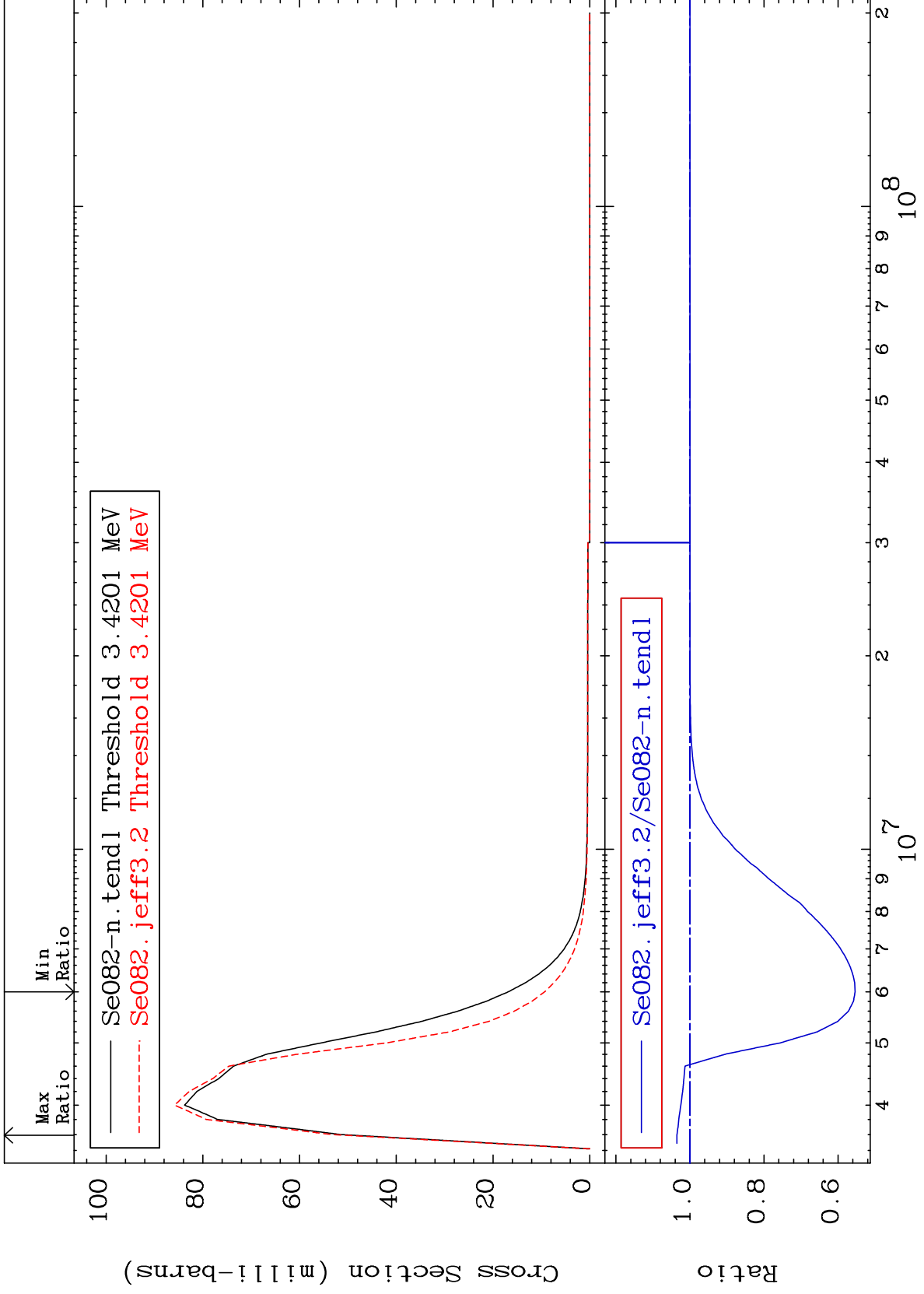
34-Se-82
-42.99 To 0.791 %



MAT 3449

3.378 MeV (n,n') Level
Cross Section

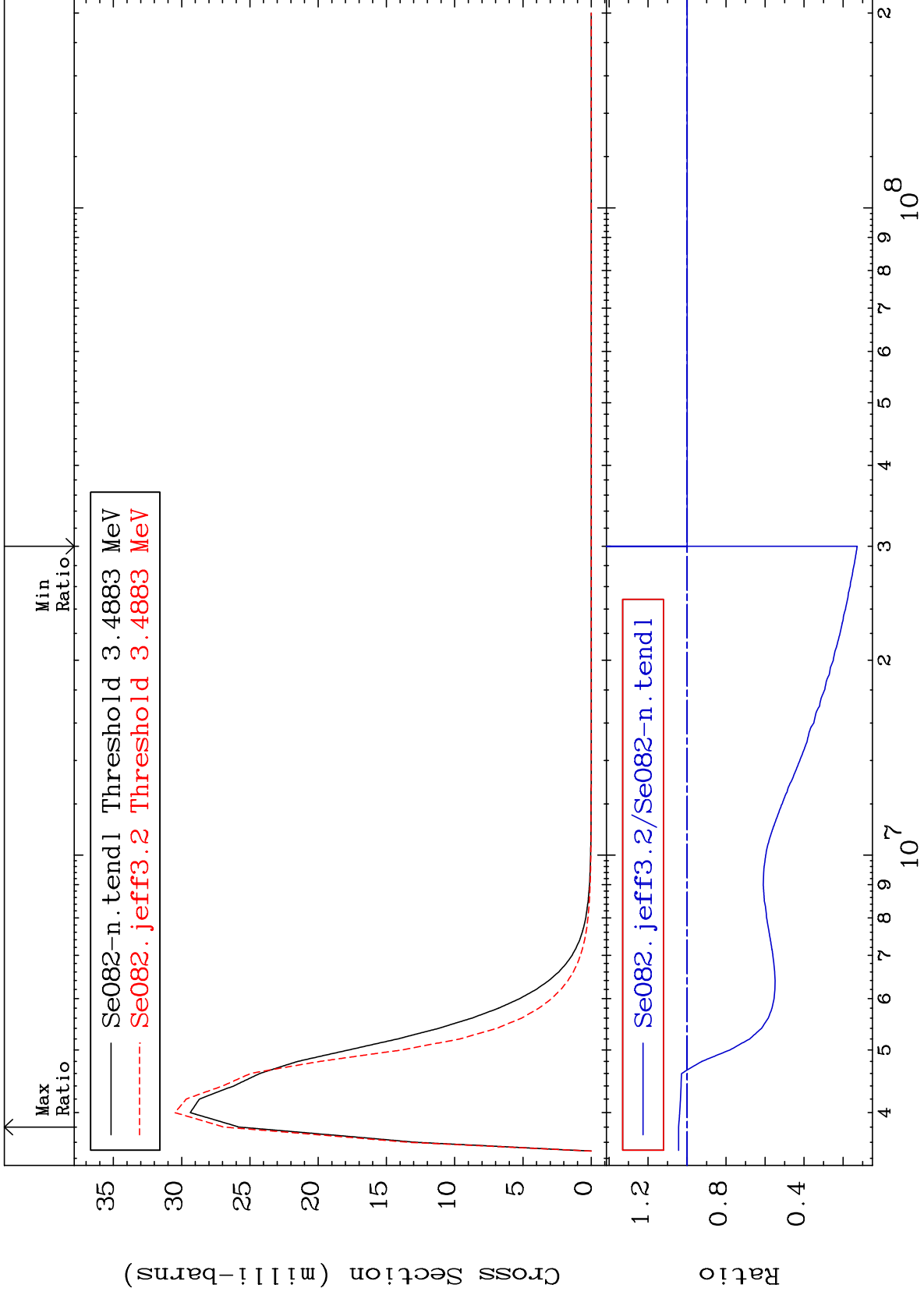
34-Se-82
-44.60 To 3.522 %



MAT 3449

3.446 MeV (n,n') Level
Cross Section

34-Se-82
-87.25 To 4.319 %



30

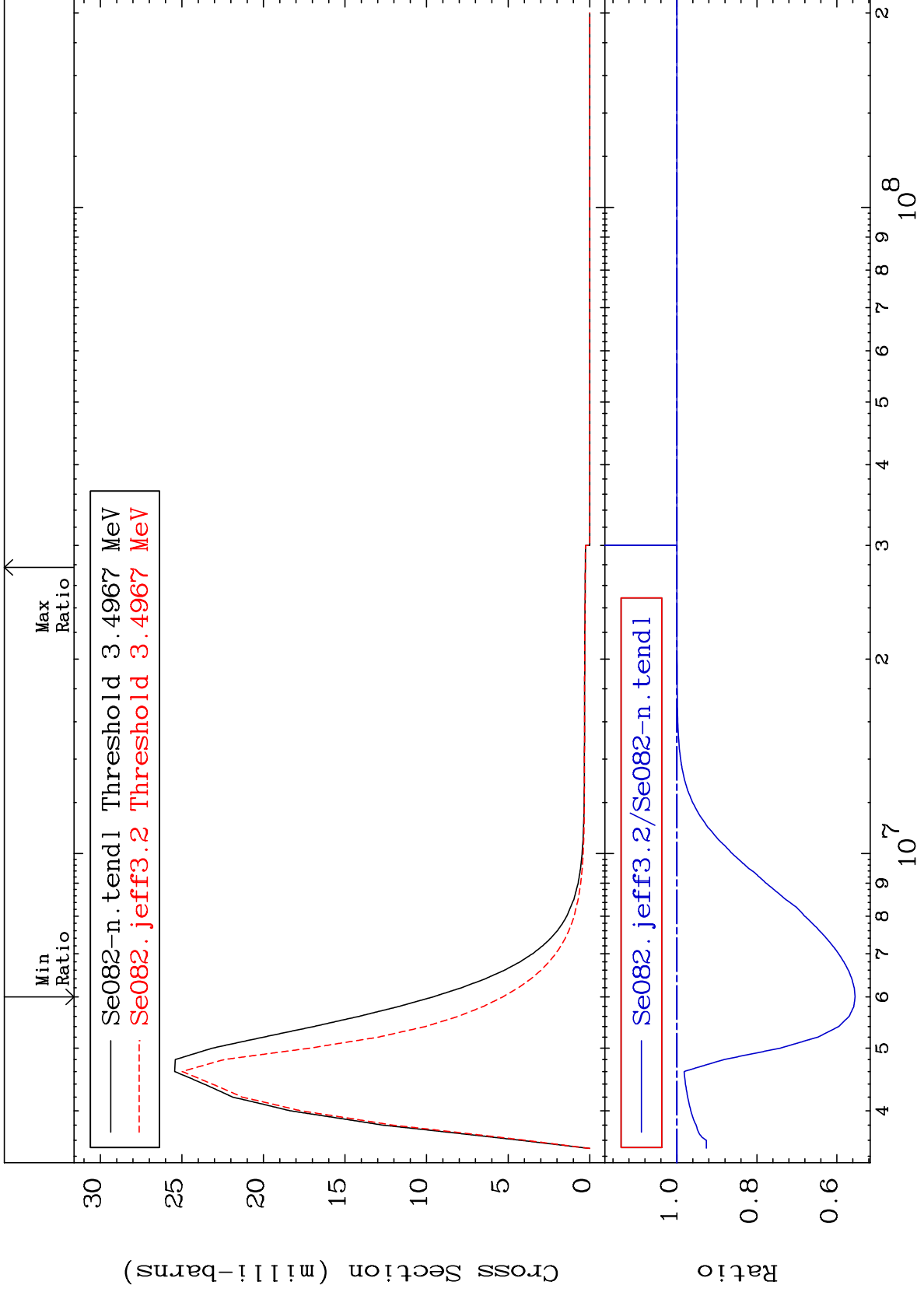
Incident Energy (eV)

34-Se-82

MAT 3449

3.454 MeV (n,n') Level
Cross Section

34-Se-82
-44.56 To 0.000 %



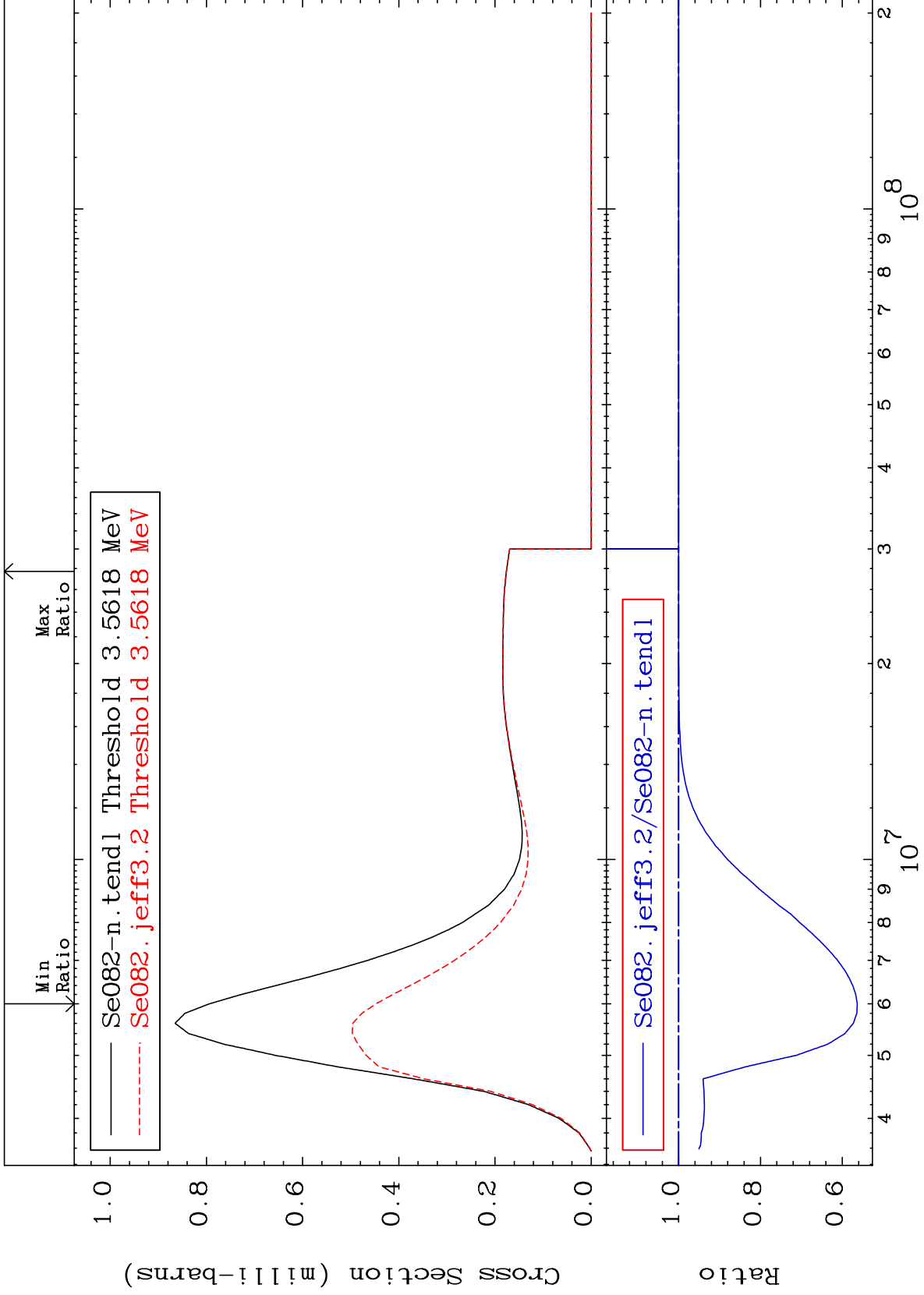
31

34-Se-82

MAT 3449

3.519 MeV (n,n') Level
Cross Section

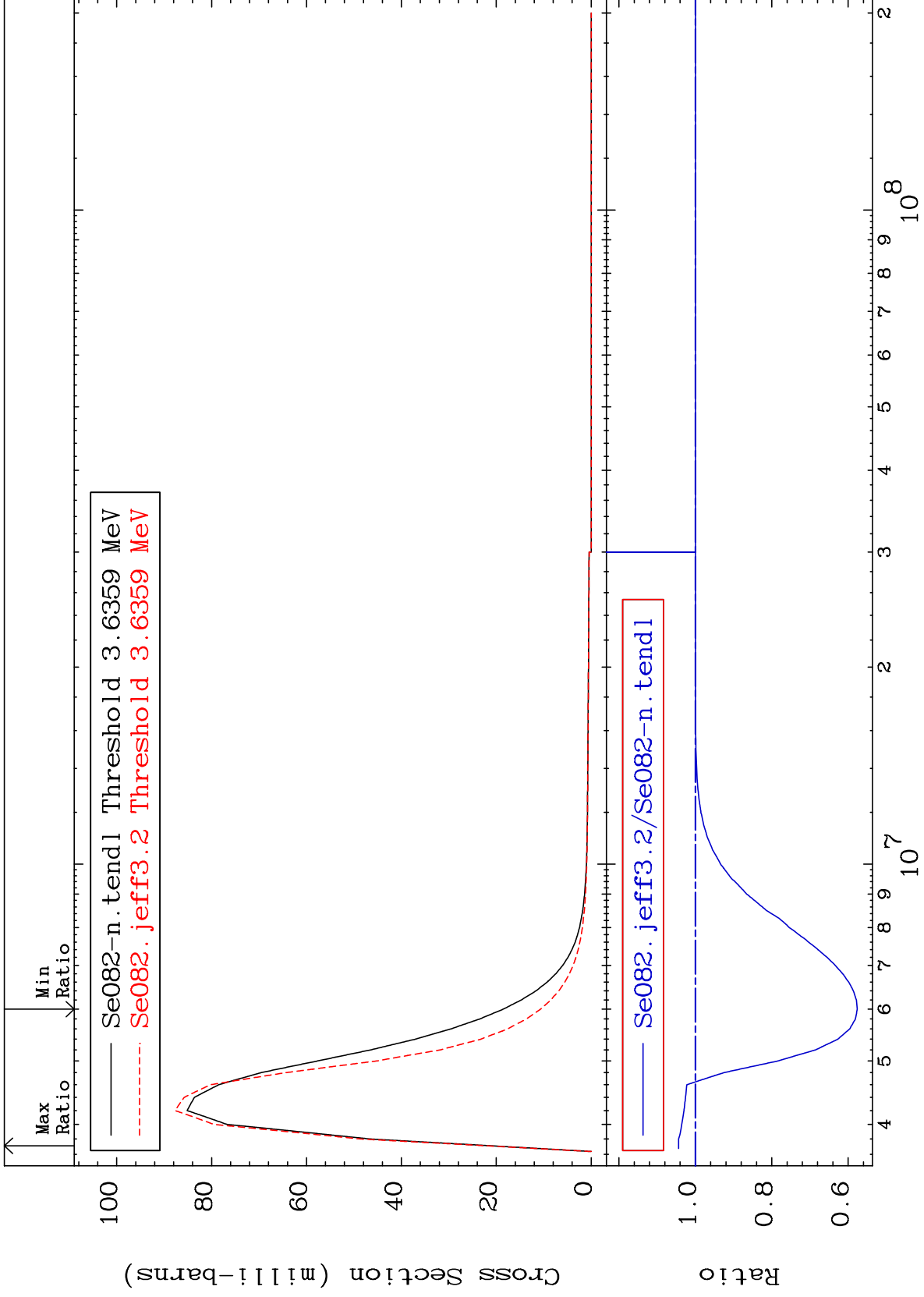
34-Se-82
-43.67 To 0.000 %



32

Incident Energy (eV)

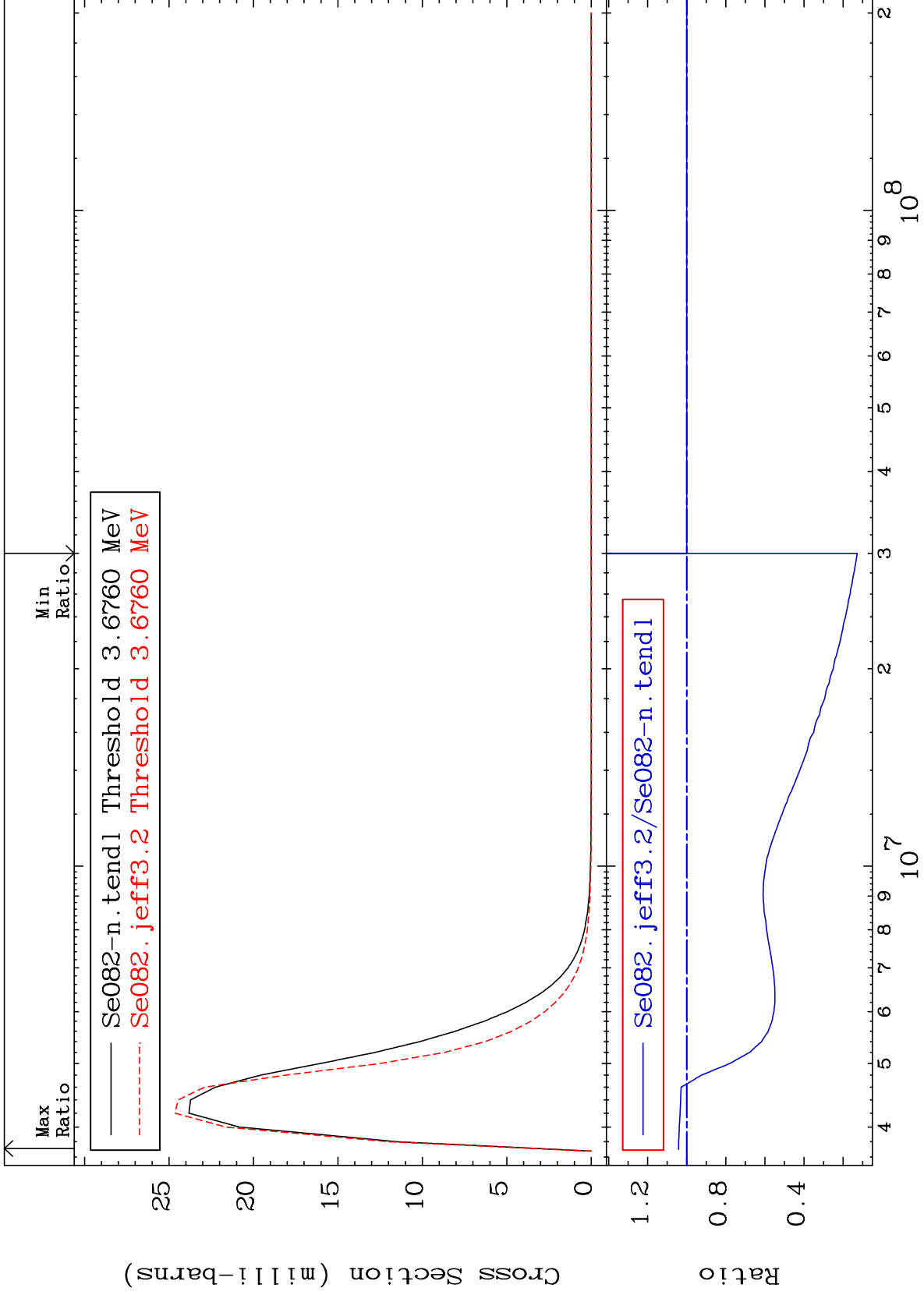
34-Se-82



MAT 3449

3.631 MeV (n,n') Level
Cross Section

34-Se-82
-87.25 To 4.162 %



34

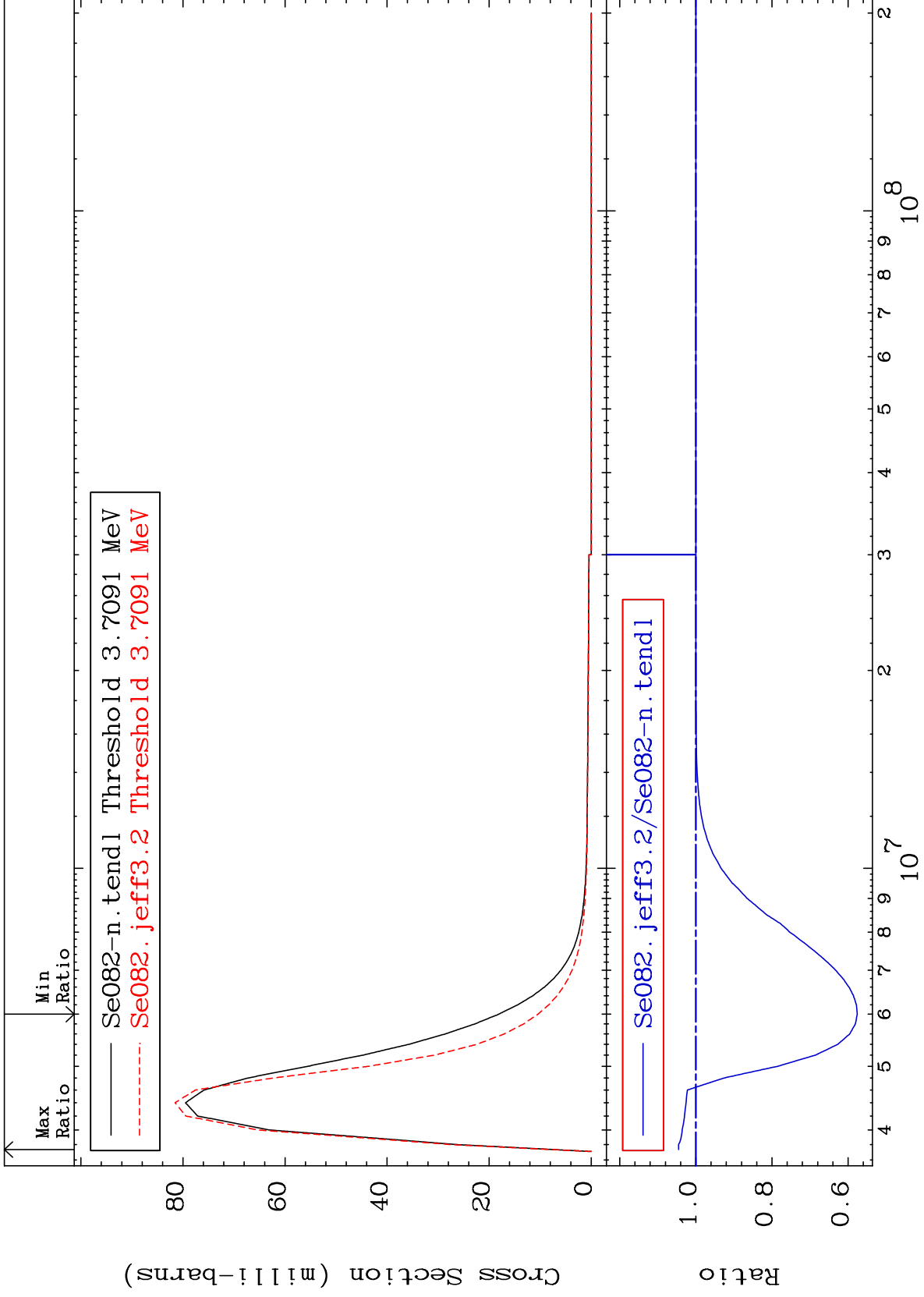
Incident Energy (eV)

34-Se-82

MAT 3449

3.664 MeV (n,n') Level
Cross Section

34-Se-82
-42.40 To 4.519 %



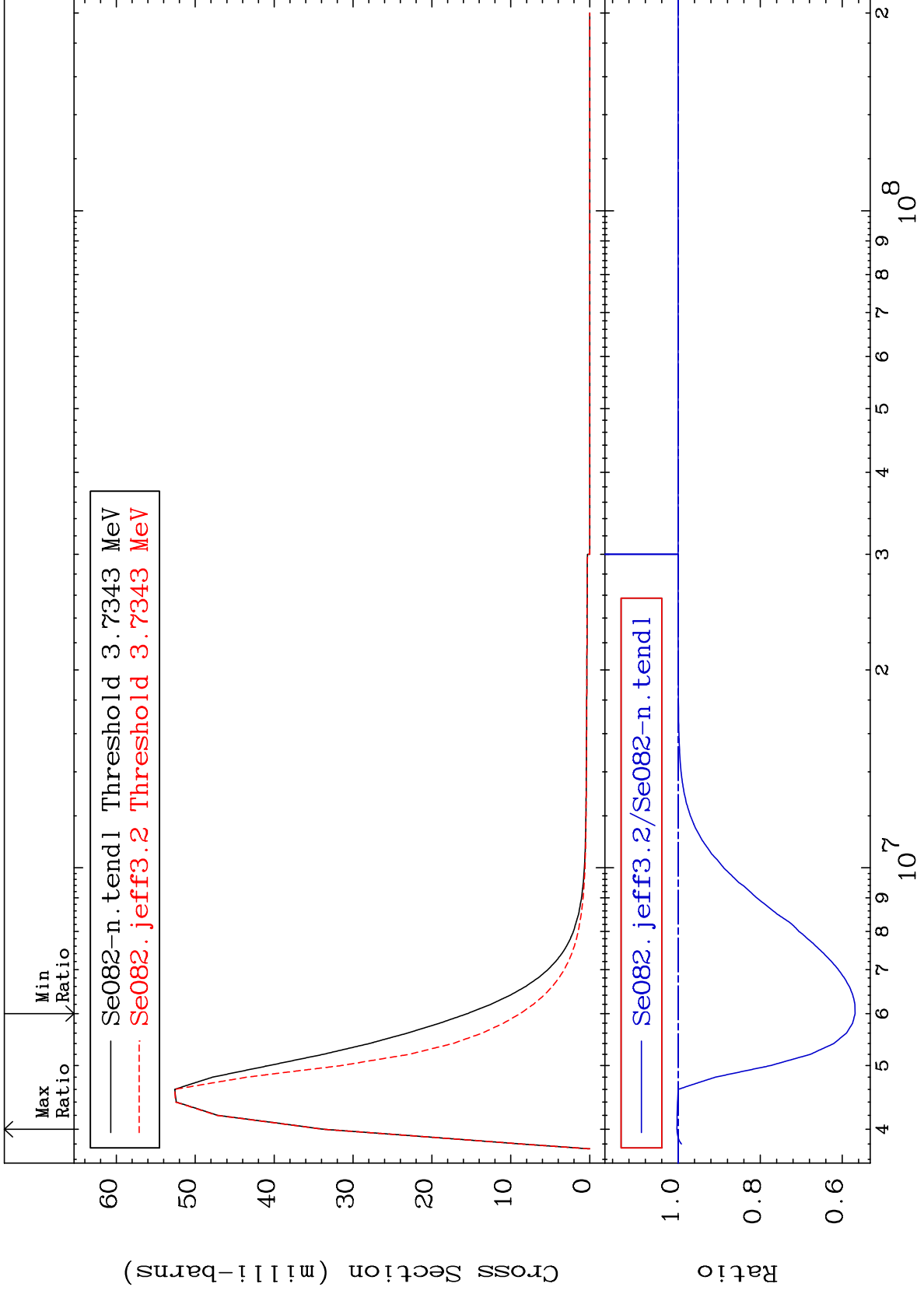
35

34-Se-82

MAT 3449

3.689 MeV (n,n') Level
Cross Section

34-Se-82
-43.15 To 0.313 %



36

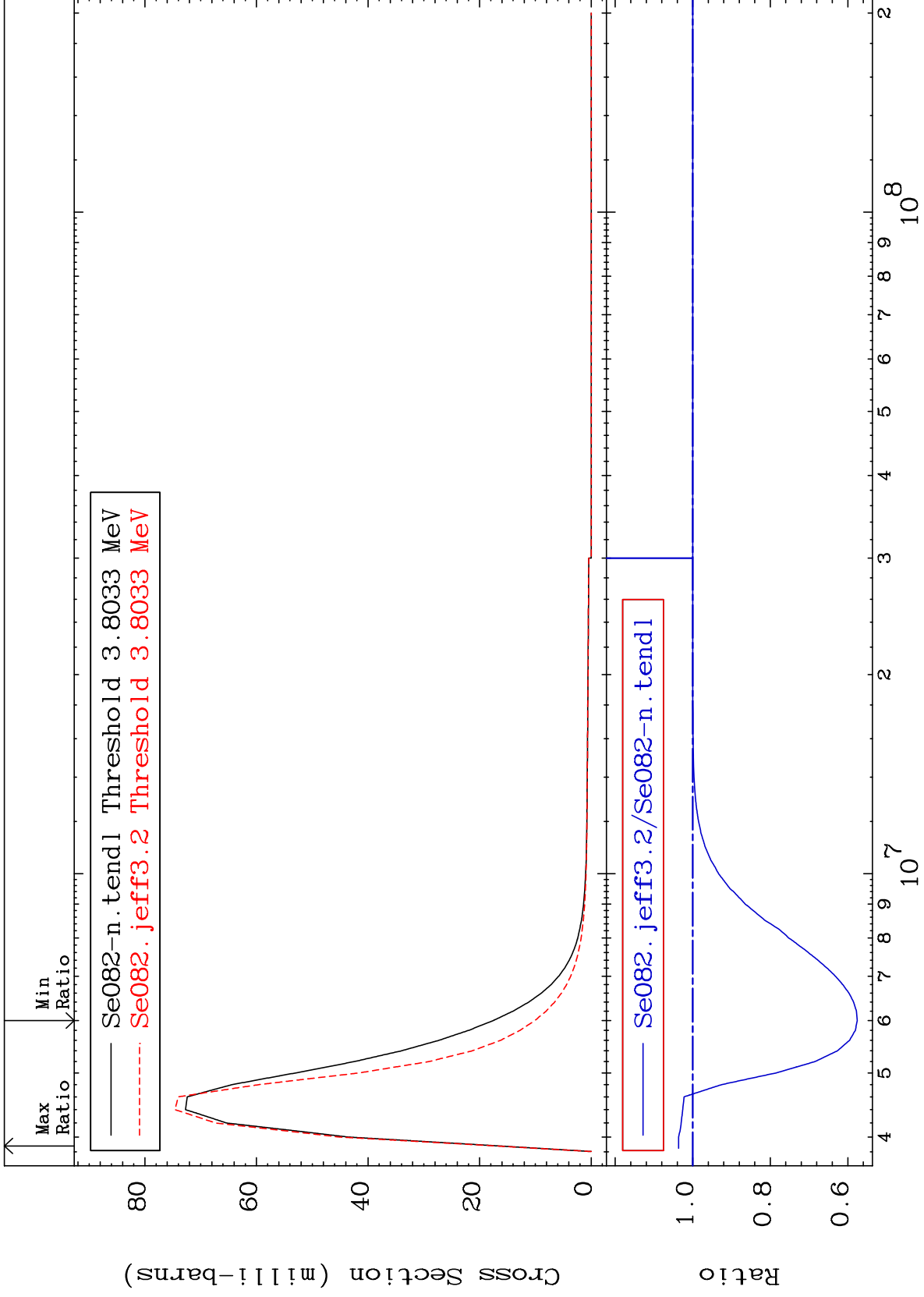
Incident Energy (eV)

34-Se-82

MAT 3449

3.757 MeV (n,n') Level
Cross Section

34-Se-82
-42.44 To 3.645 %



37

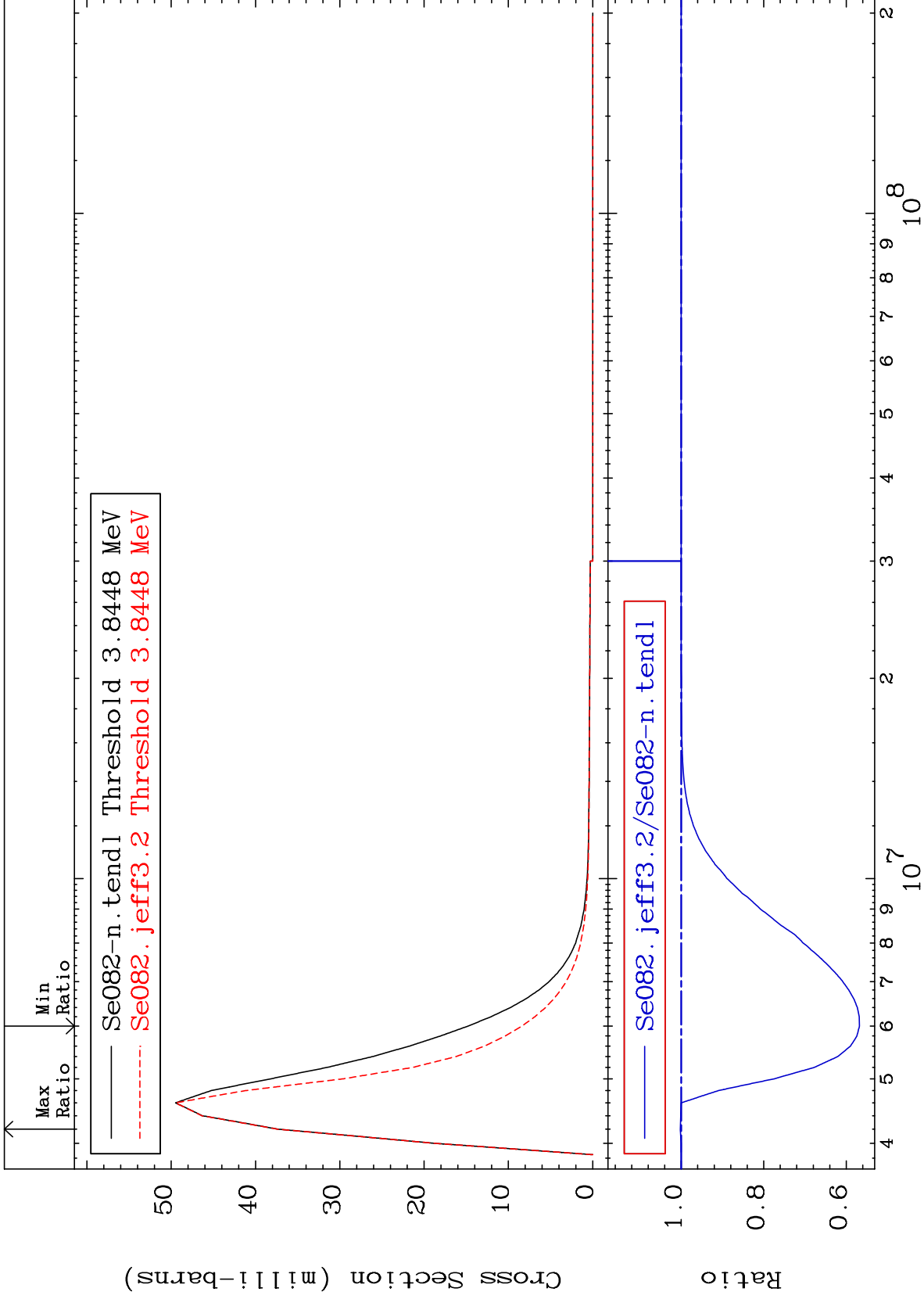
Incident Energy (eV)

34-Se-82

MAT 3449

3.798 MeV (n,n') Level
Cross Section

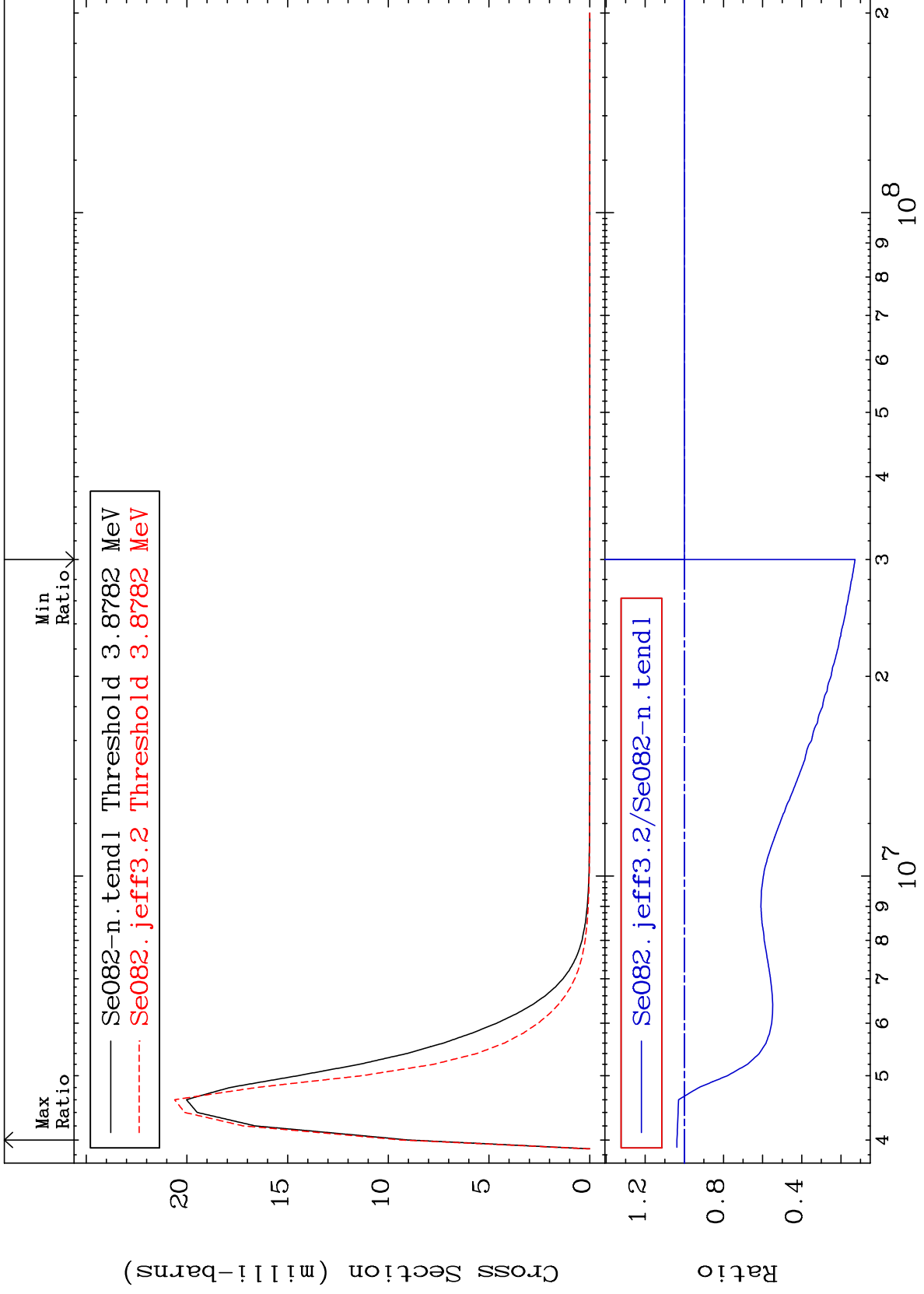
34-Se-82
-43.19 To 0.207 %



MAT 3449

3.831 MeV (n,n') Level
Cross Section

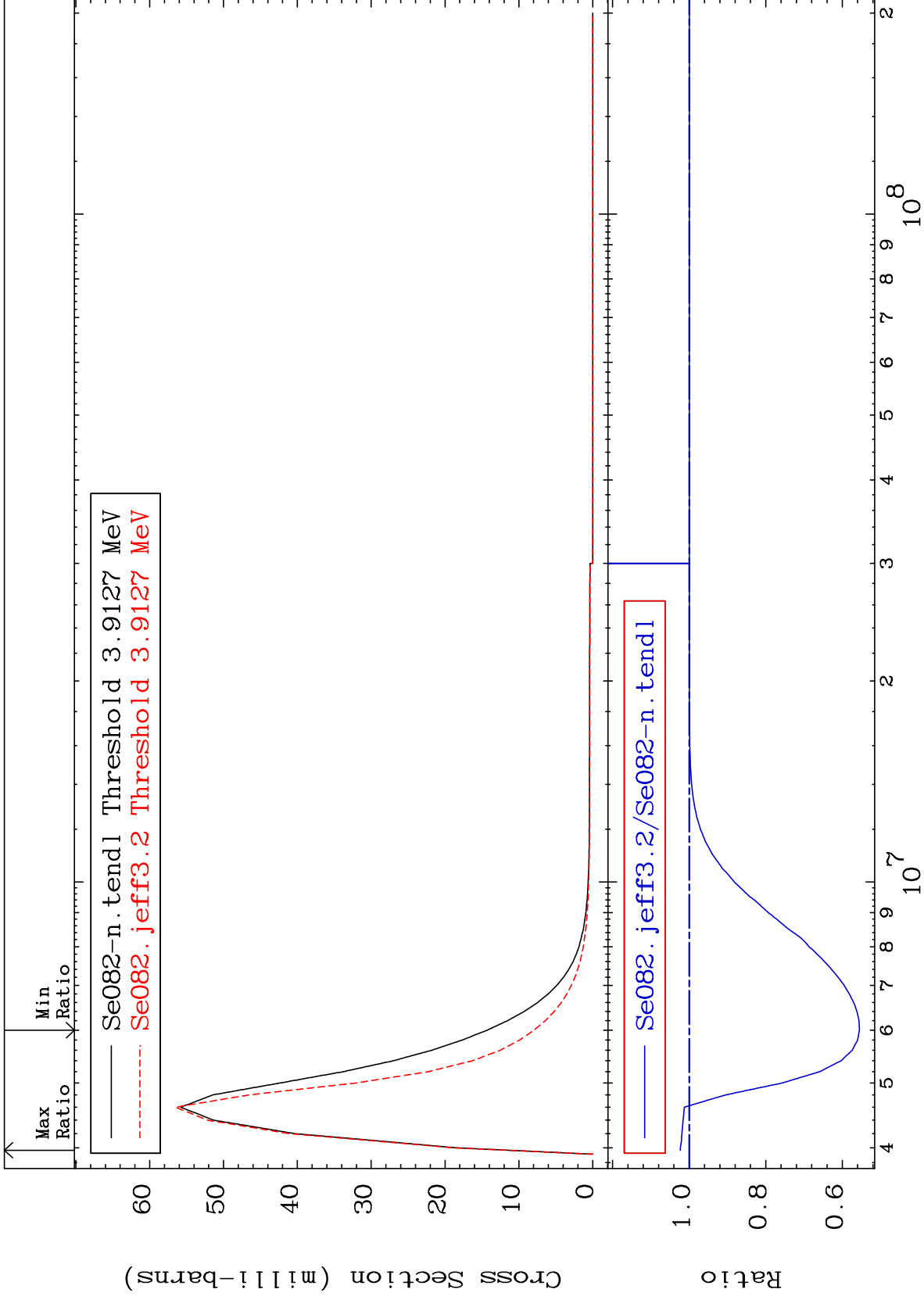
³⁴Se-82
-87.25 To 3.795 %



MAT 3449

3.865 MeV (n,n') Level
Cross Section

34-Se-82
-44.47 To 2.311 %



40

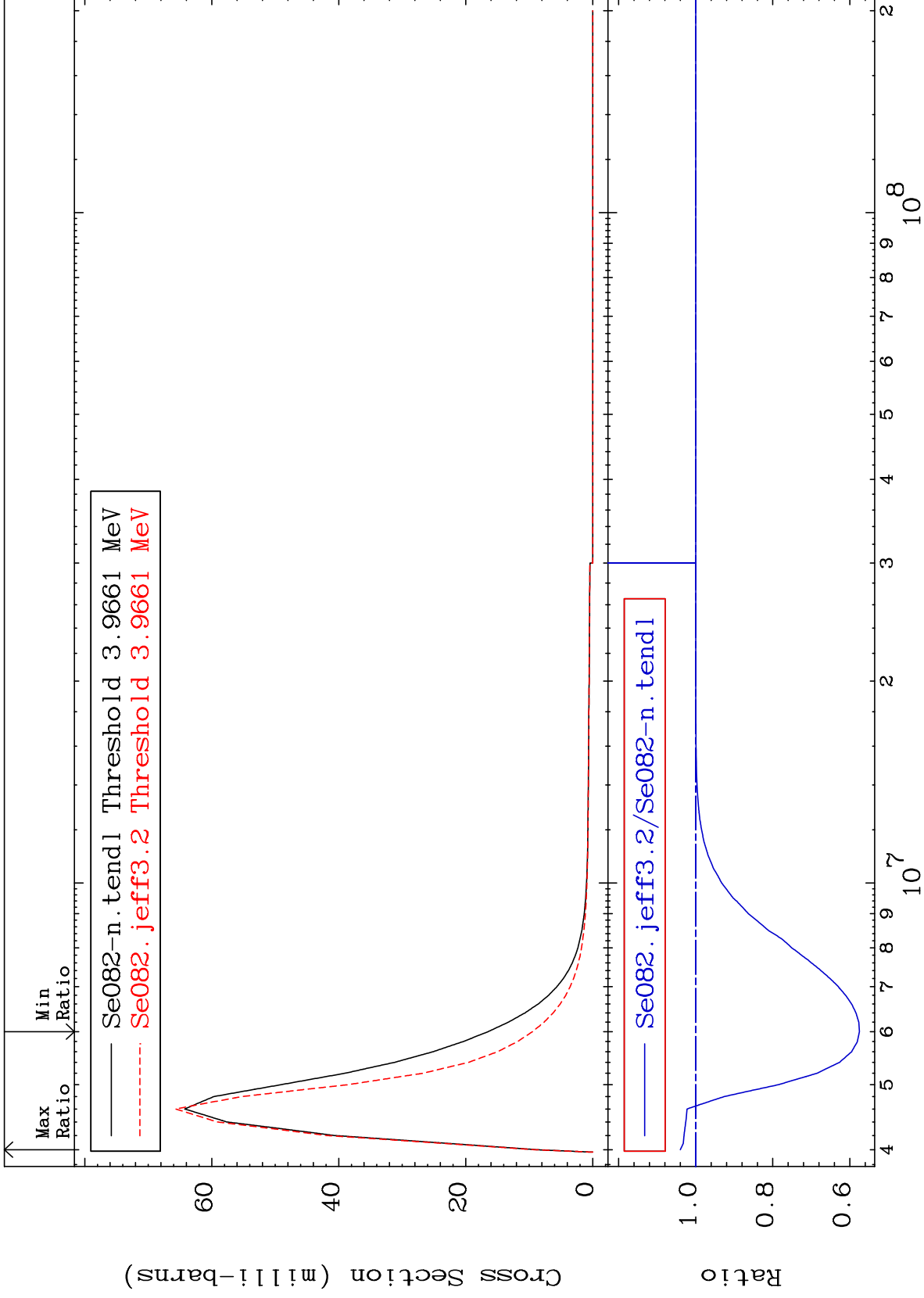
Incident Energy (eV)

34-Se-82

MAT 3449

3.918 MeV (n,n') Level
Cross Section

34-Se-82
-42.50 To 3.990 %



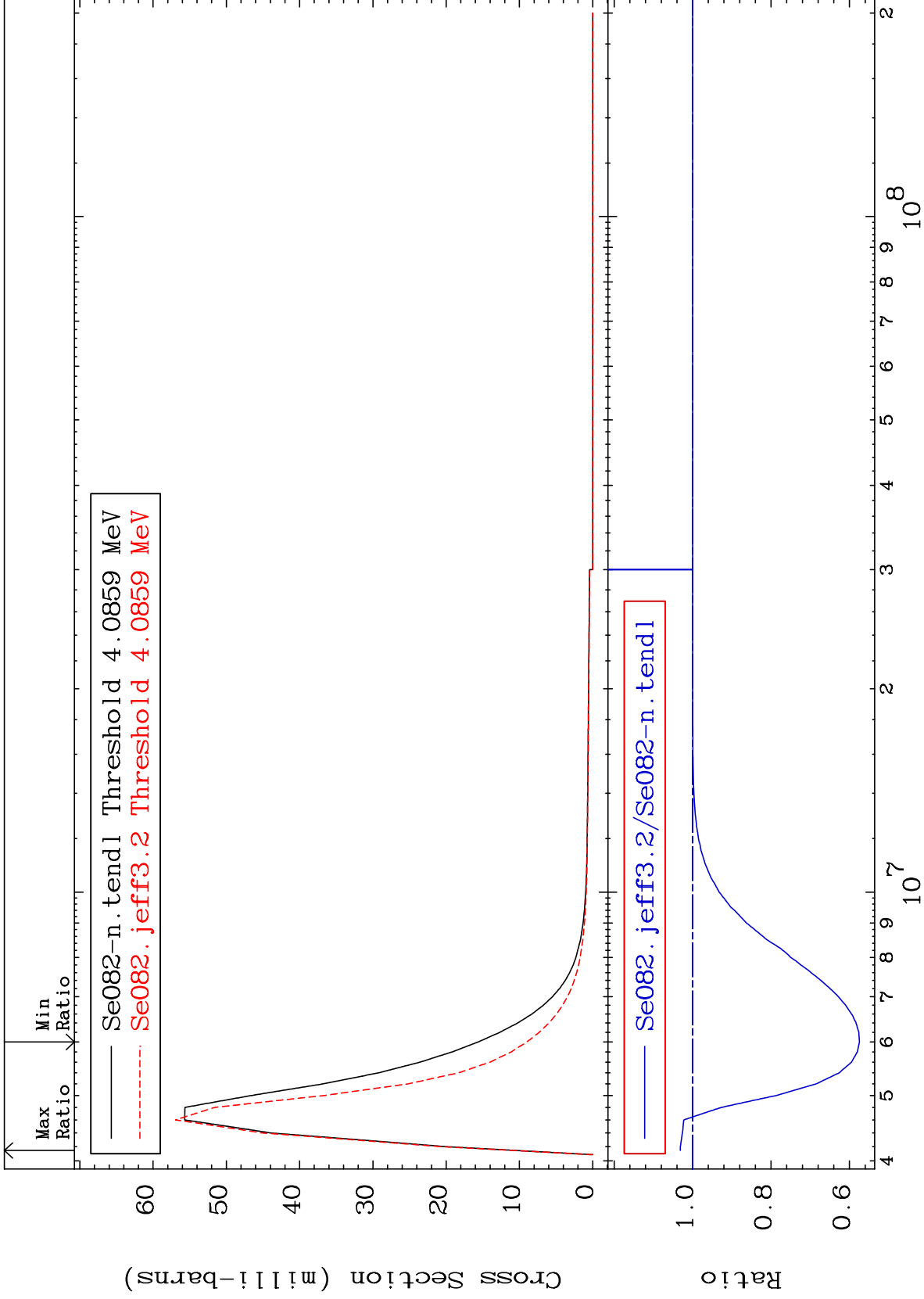
41

34-Se-82

MAT 3449

4.036 MeV (n,n') Level
Cross Section

34-Se-82
-42.54 To 3.127 %



42

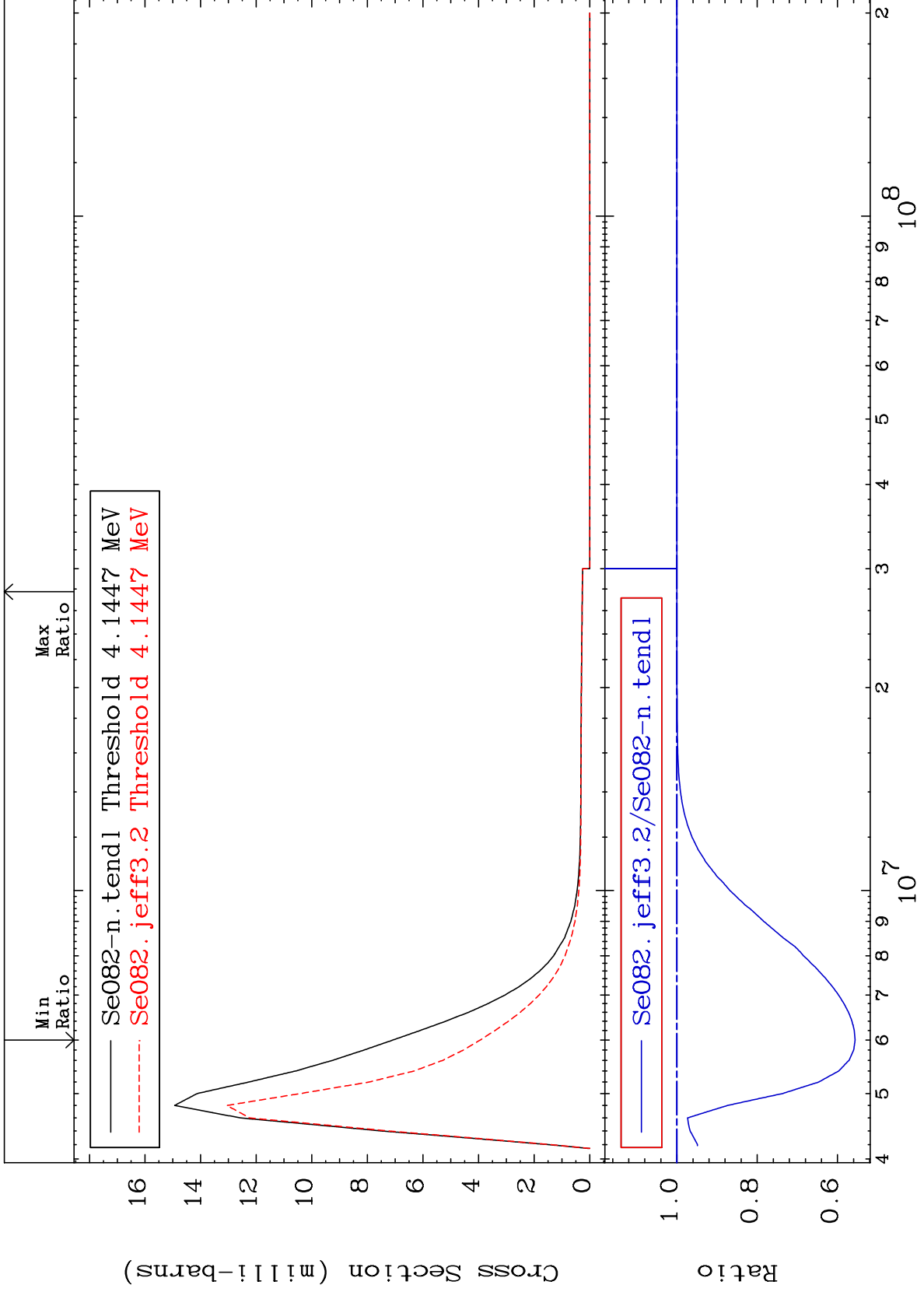
Incident Energy (eV)

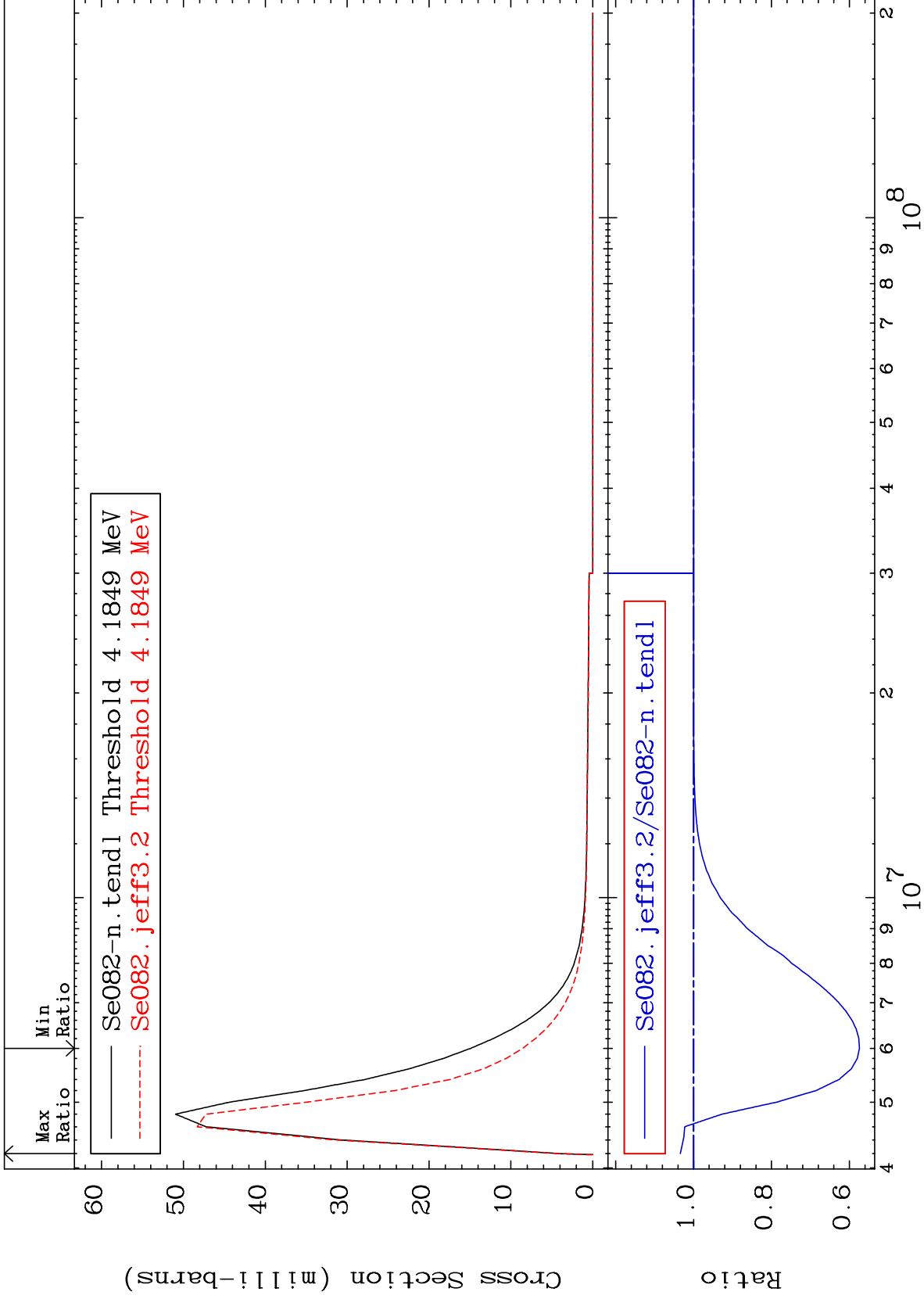
34-Se-82

MAT 3449

4.094 MeV (n,n') Level
Cross Section

34-Se-82
-44.37 To 0.000 %

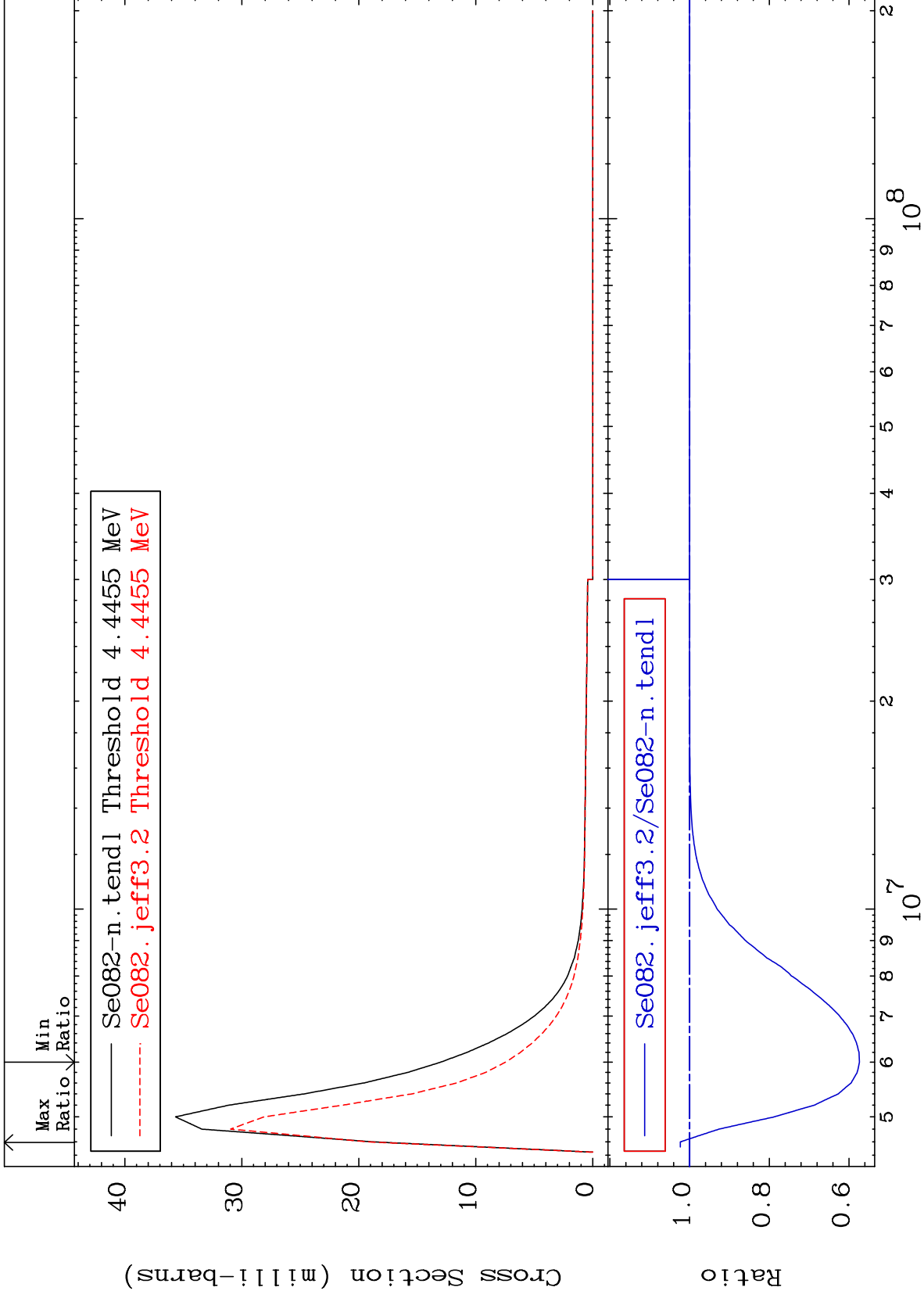




MAT 3449

4.391 MeV (n,n') Level
Cross Section

34-Se-82
-42.63 To 2.314 %



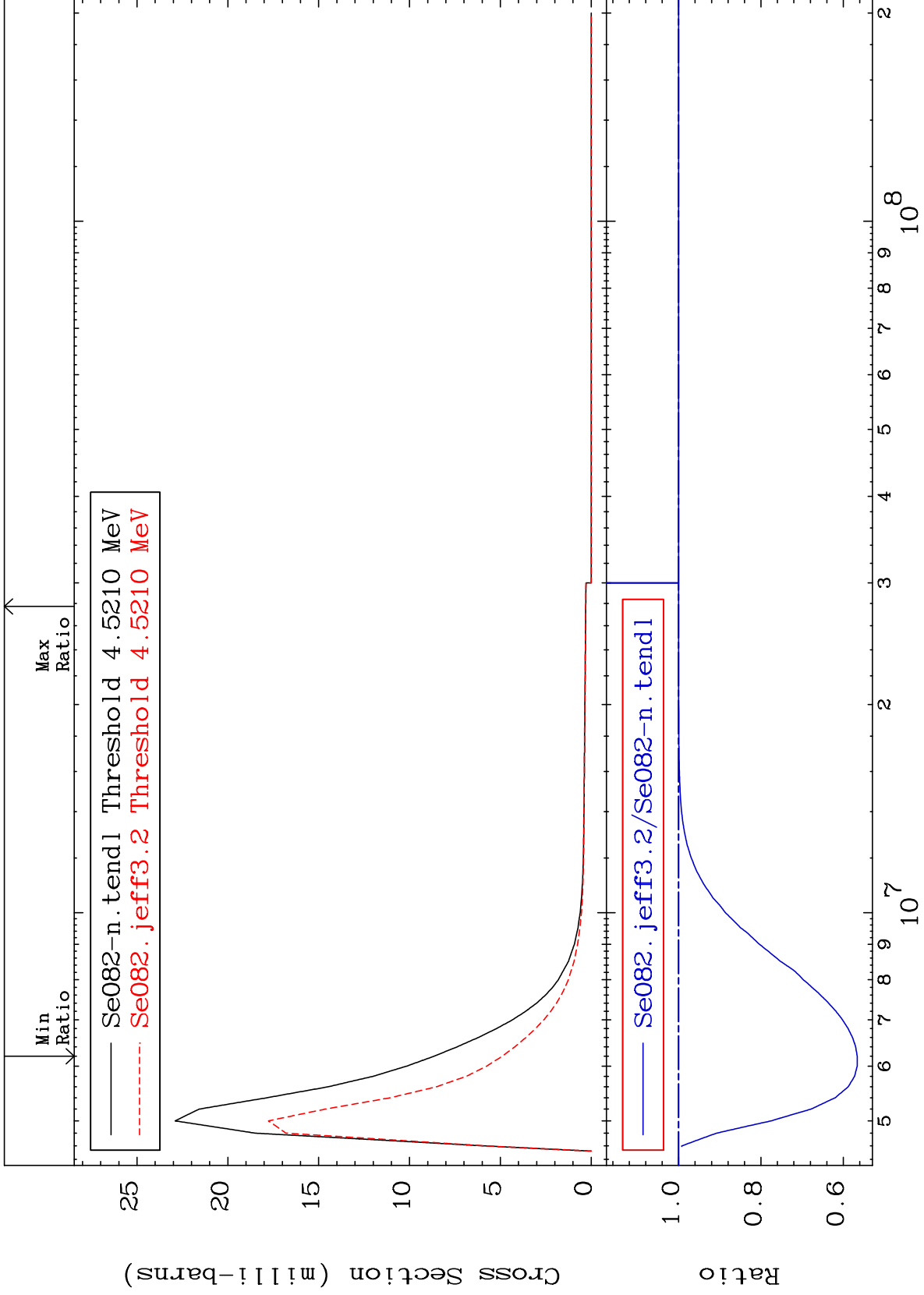
45

34-Se-82

MAT 3449

4.466 MeV (n,n') Level
Cross Section

34-Se-82
-43.39 To 0.000 %



46

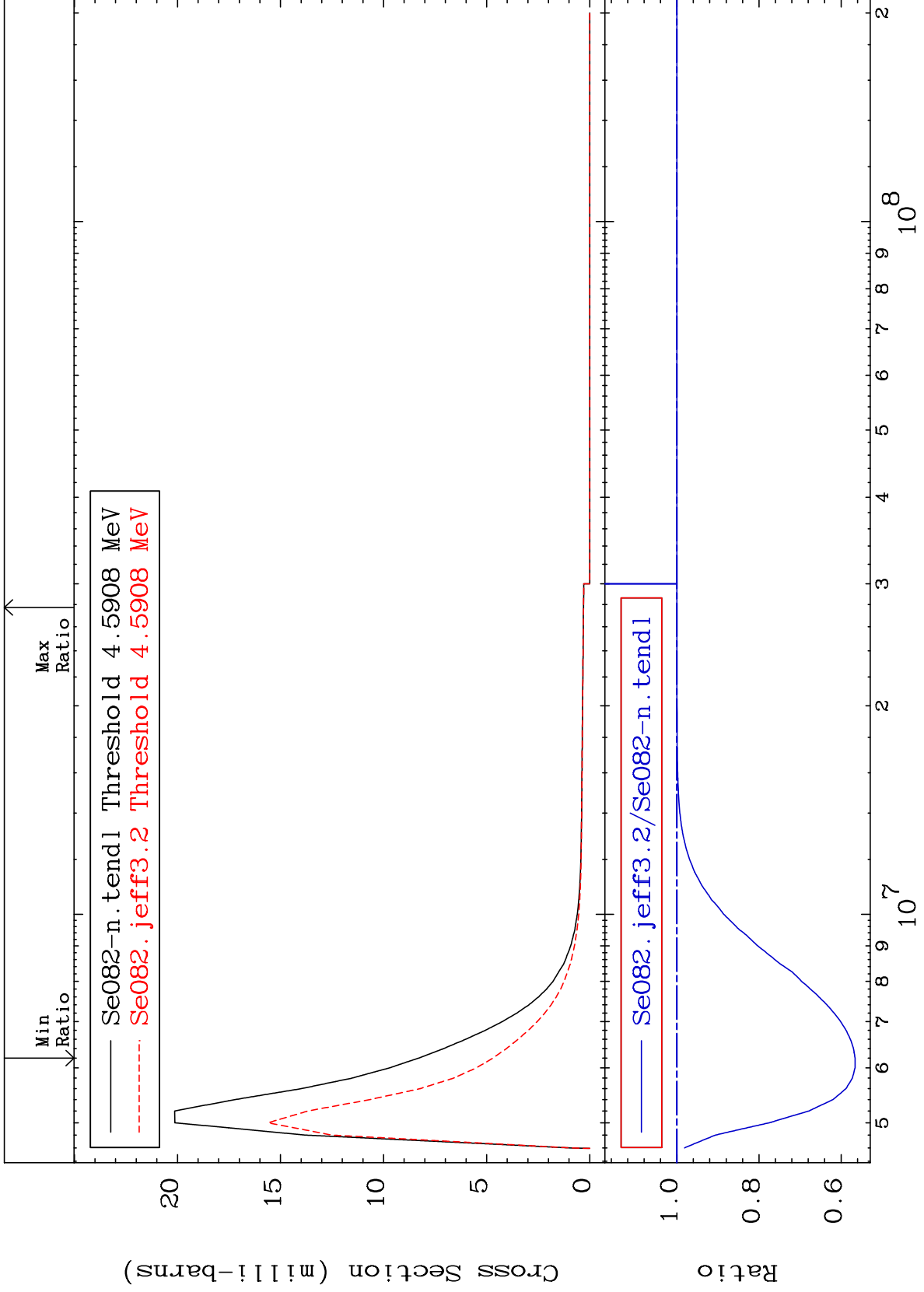
Incident Energy (eV)

34-Se-82

MAT 3449

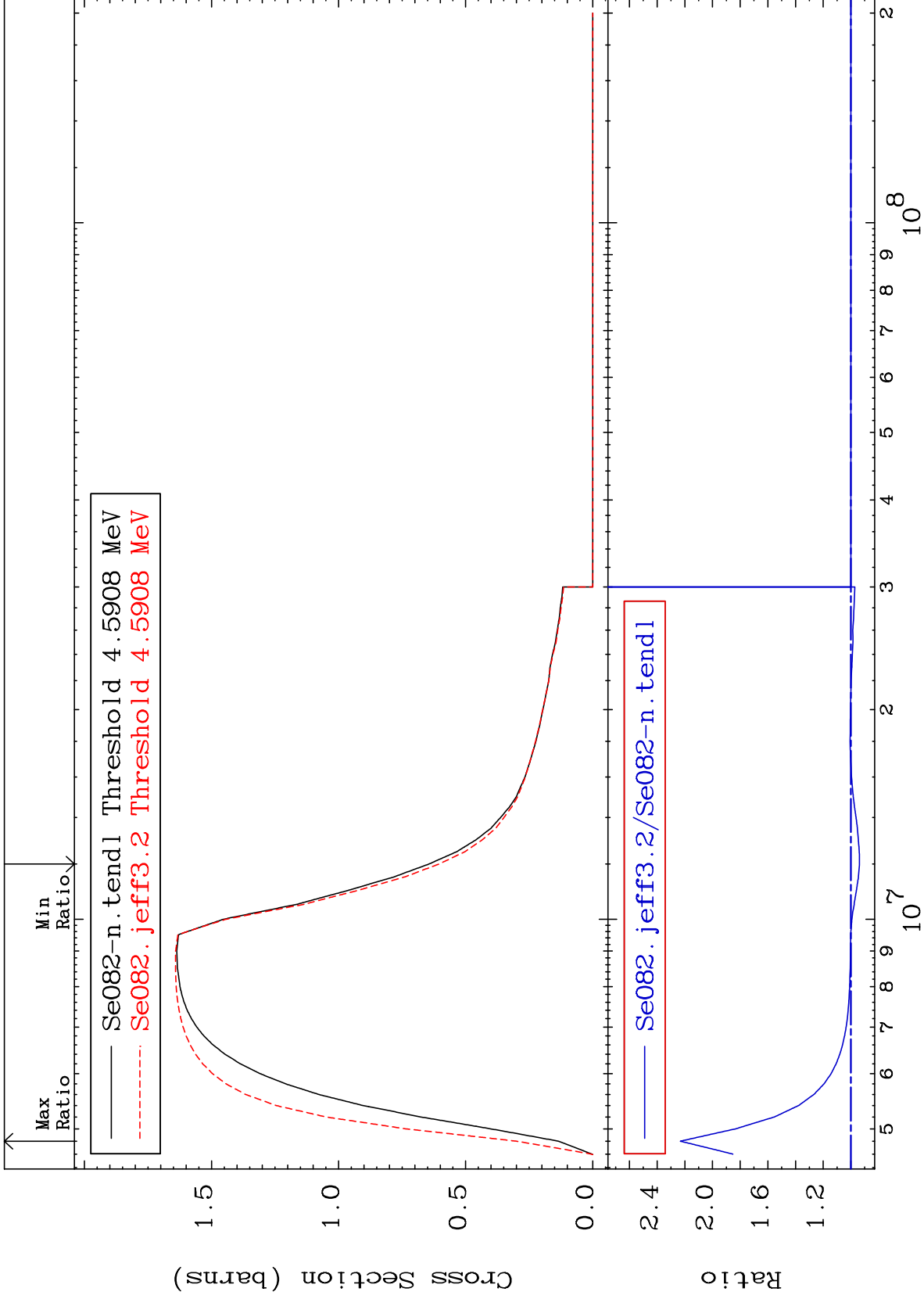
4.535 MeV (n,n') Level
Cross Section

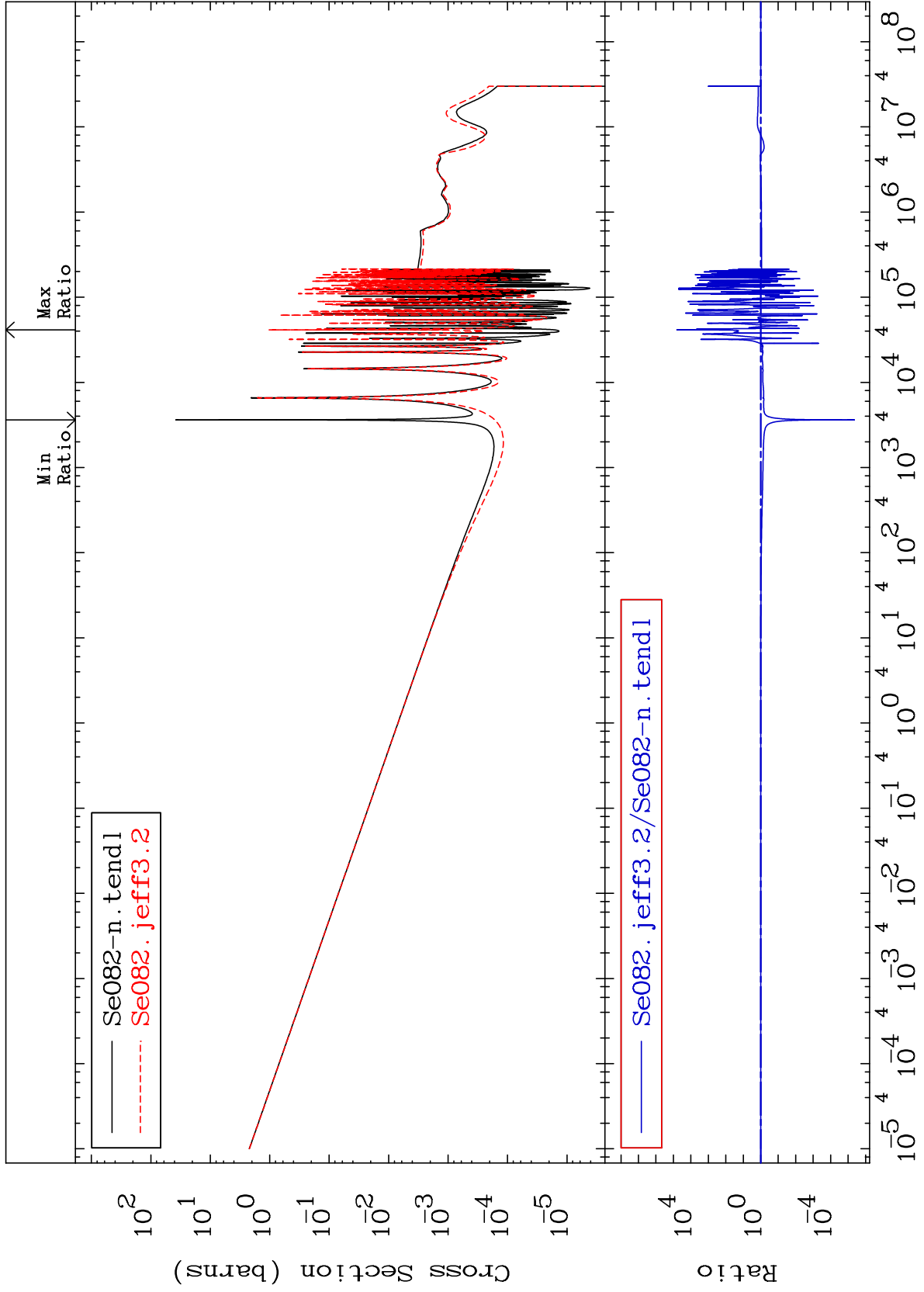
34-Se-82
-43.41 To 0.000 %



47

34-Se-82



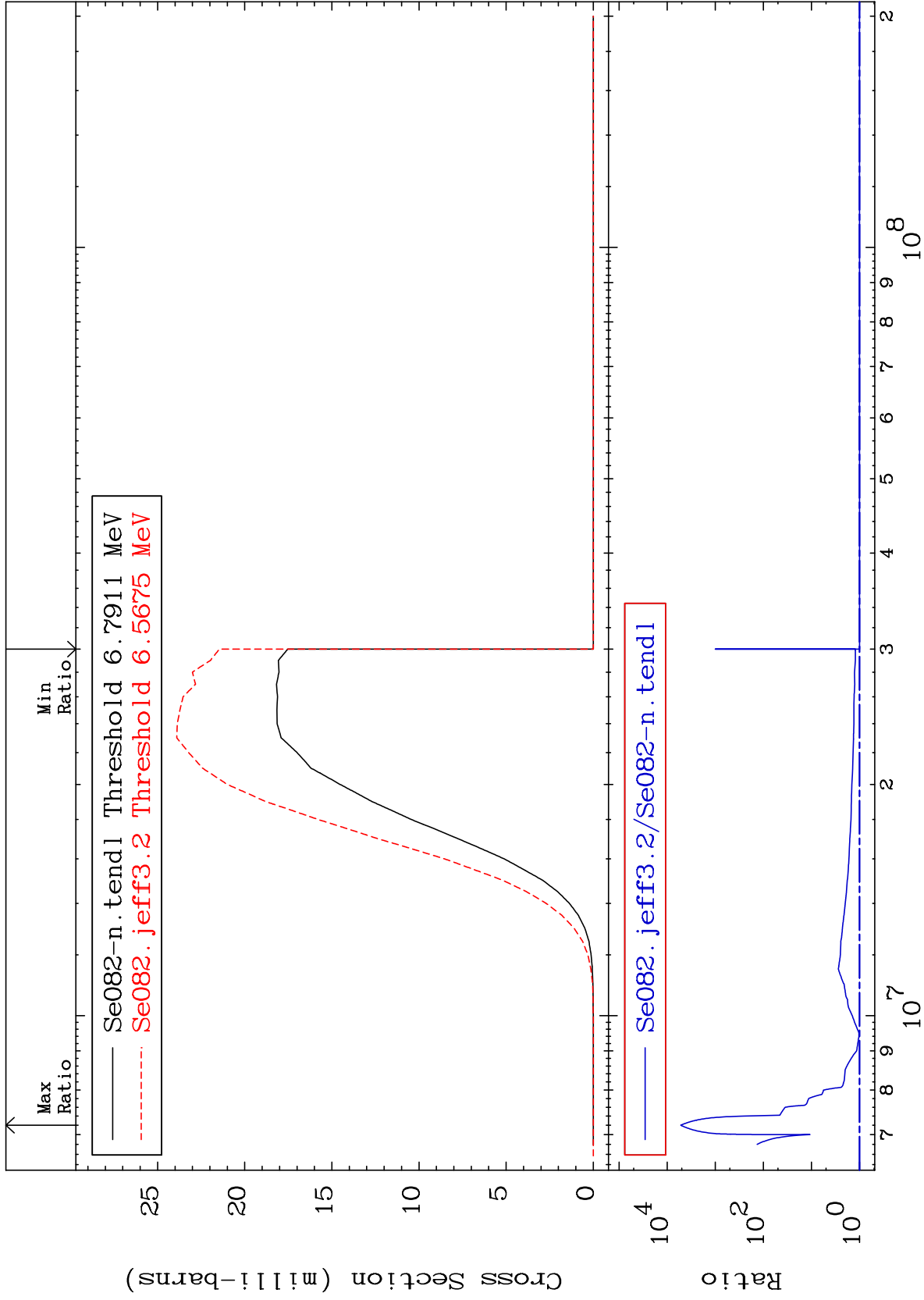


MAT 3449

³⁴Se-82

(n,p)
Cross Section

0.000 To 9999. %



50

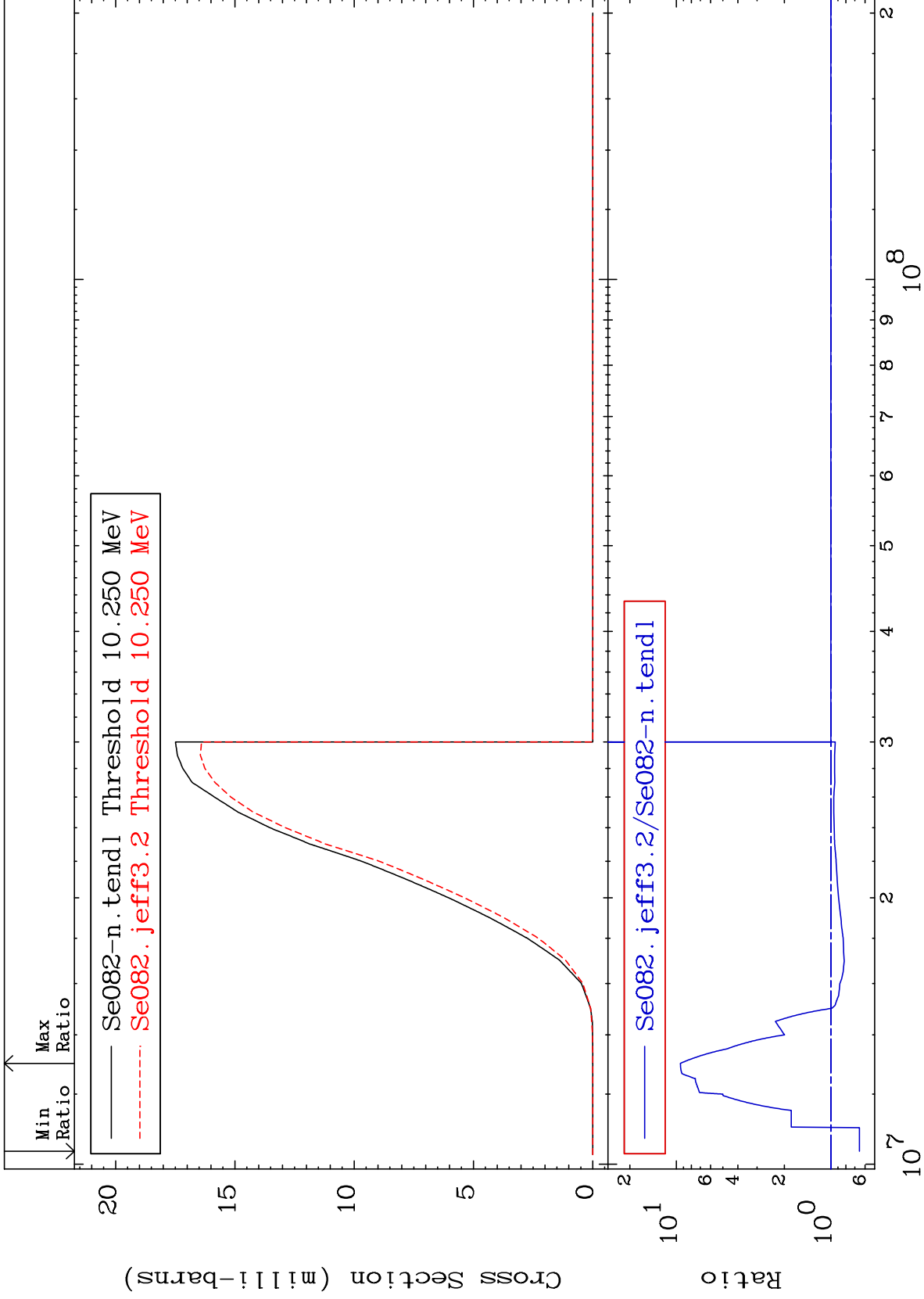
Incident Energy (eV)

³⁴Se-82

MAT 3449

(n, d)
Cross Section

34-Se-82
-34.72 To 842.4 %



51

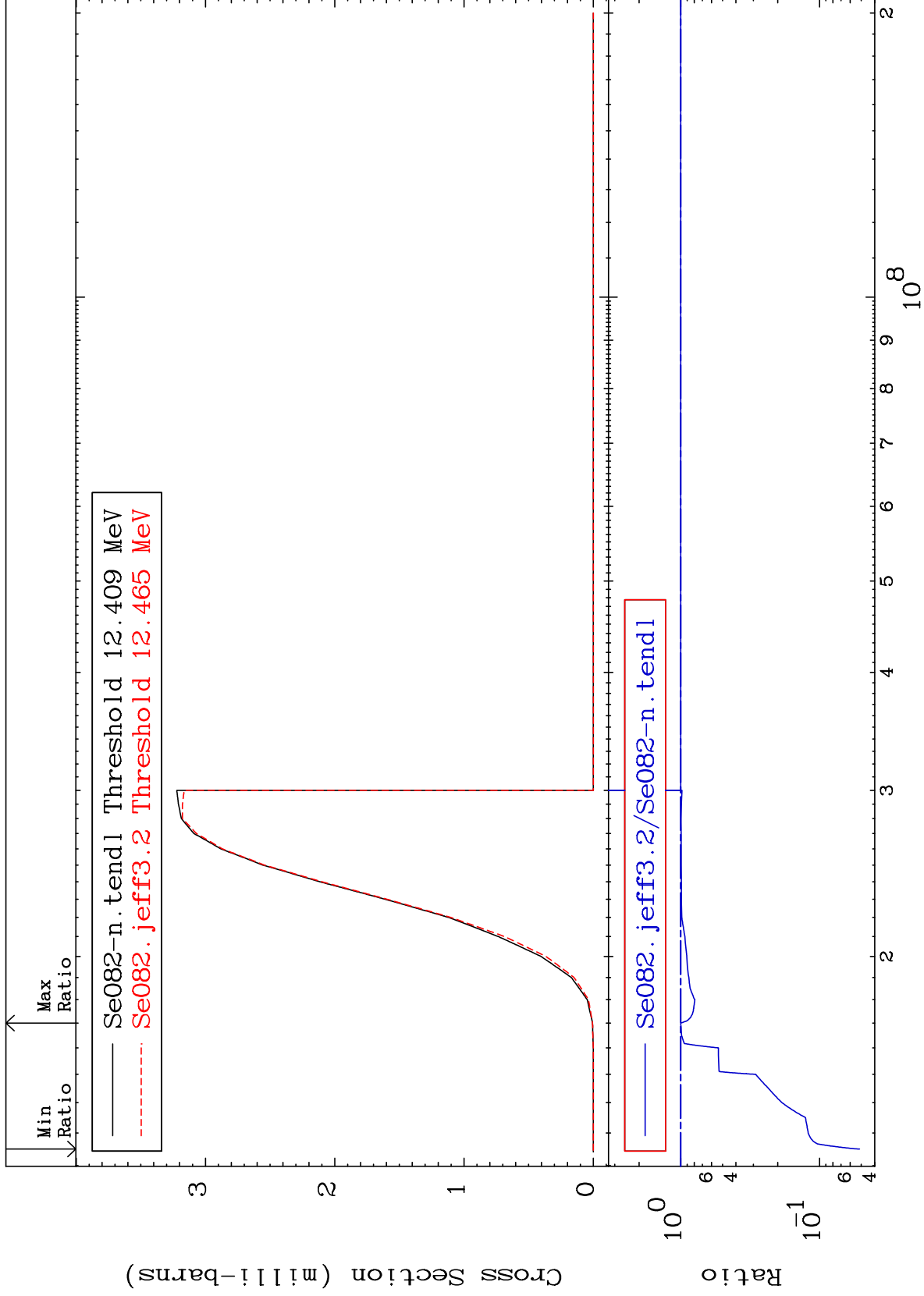
Incident Energy (eV)

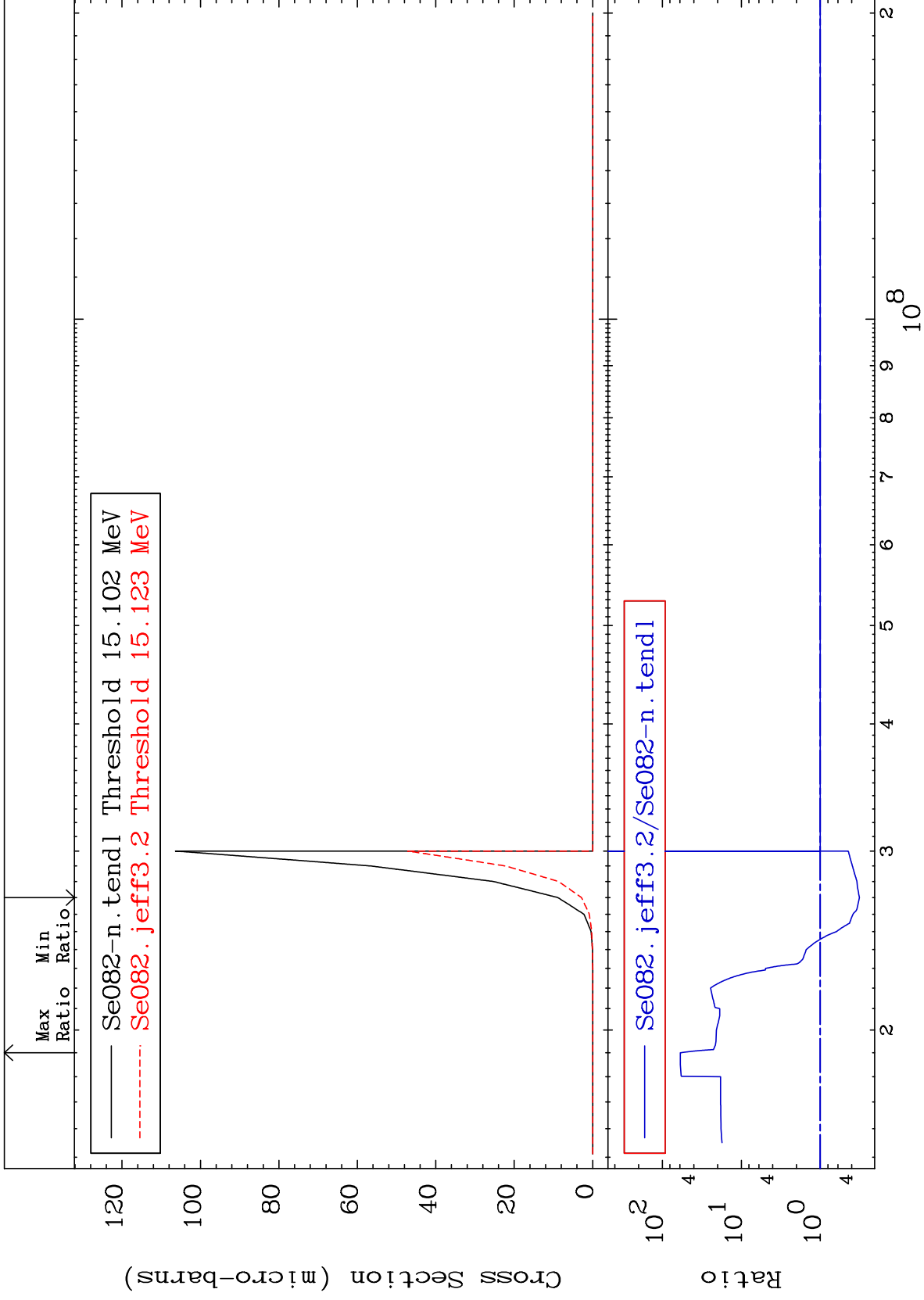
34-Se-82

MAT 3449

(n, t)
Cross Section

³⁴Se-82
-94.86 To 0.072 %





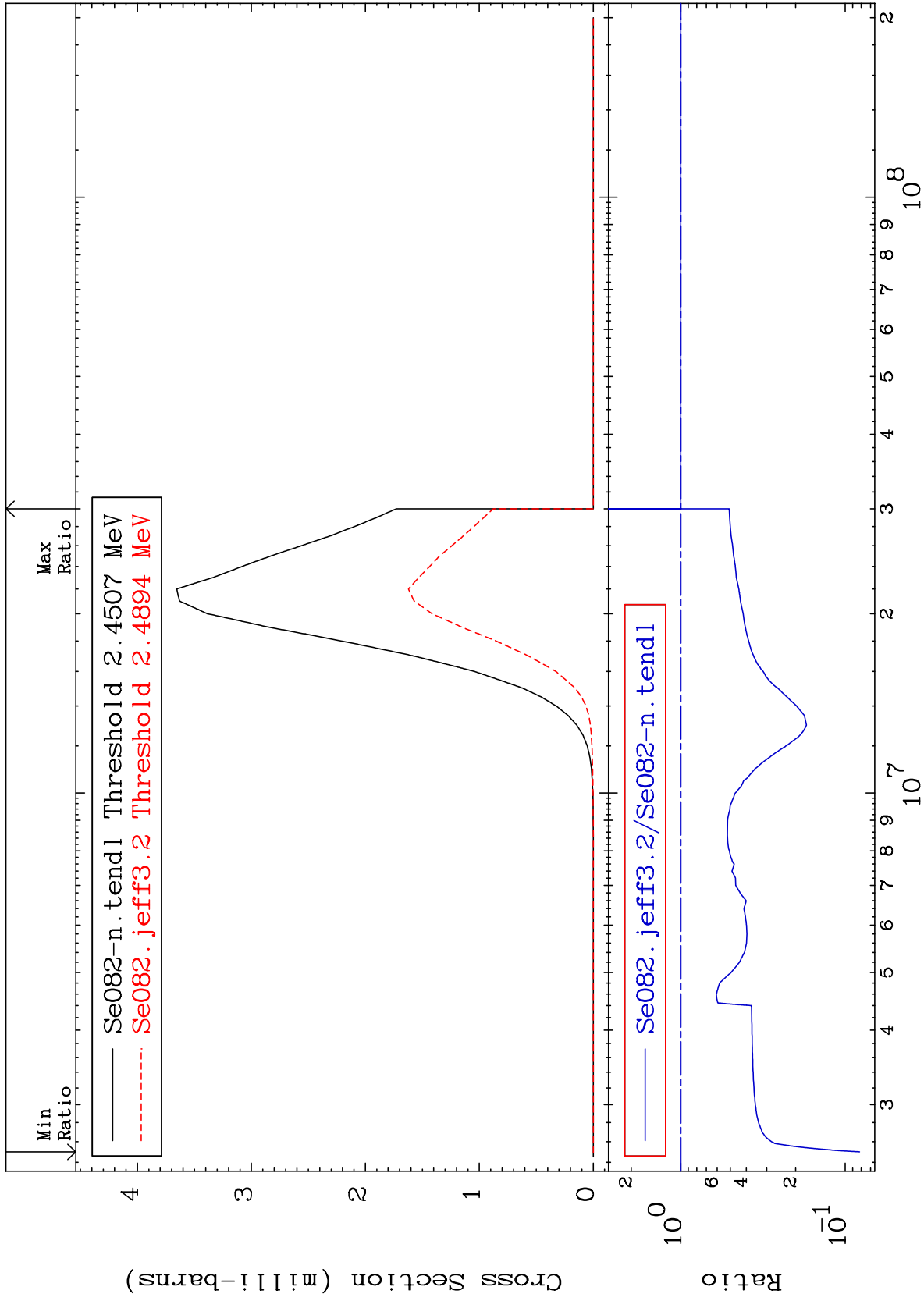
MAT 3449

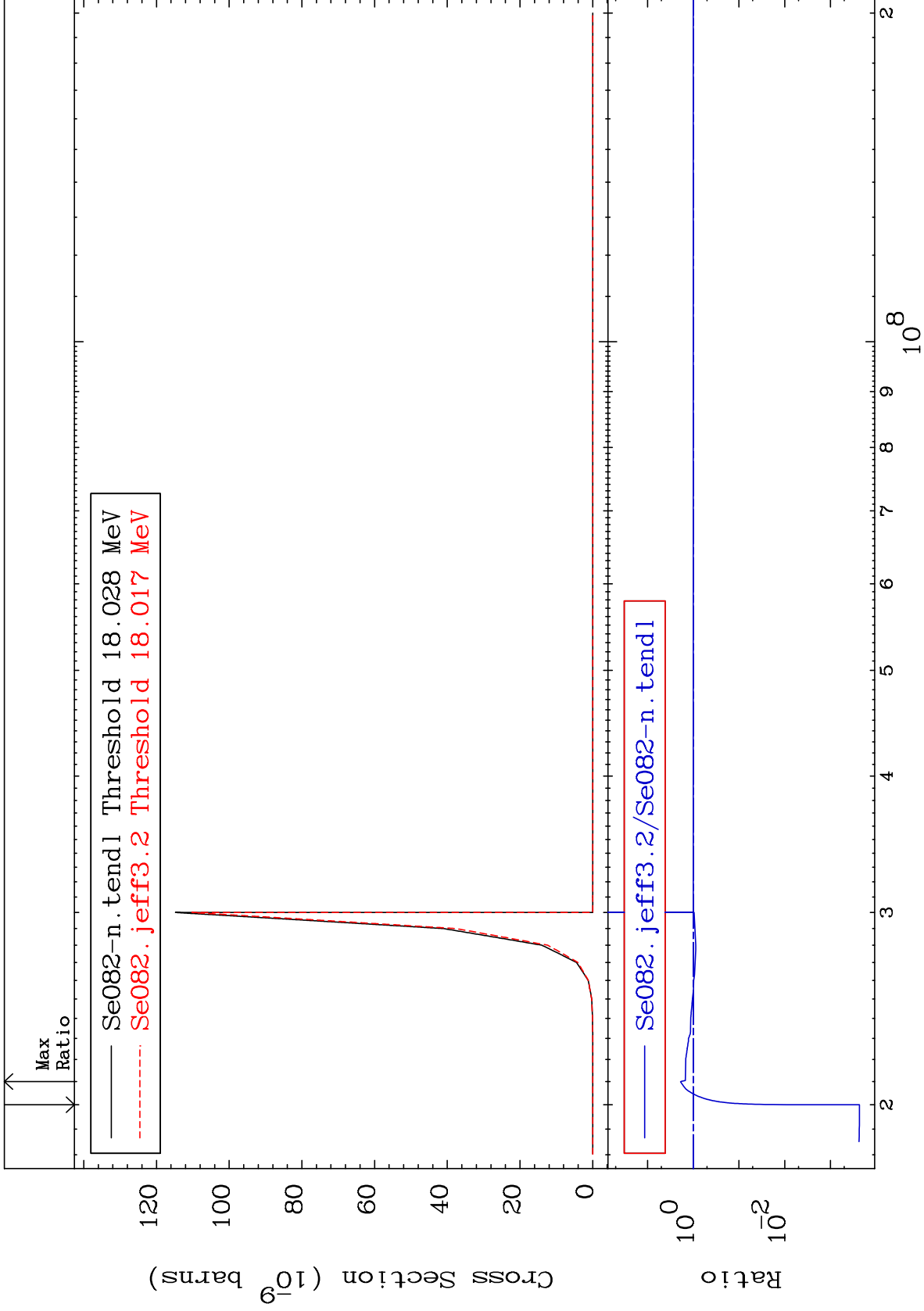
(n, α)

³⁴Se-82

Cross Section

-91.82 To 0.000 %

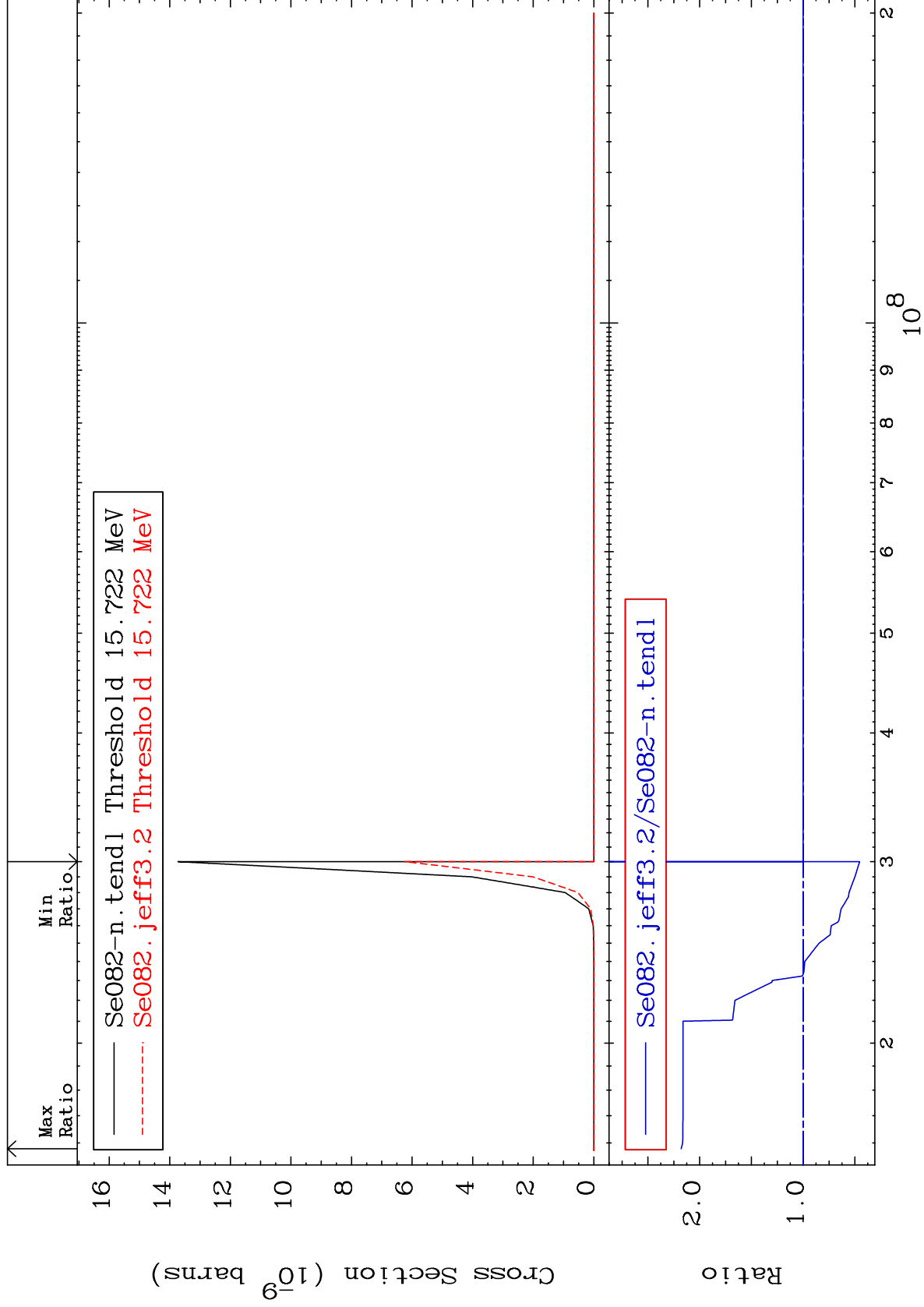




MAT 3449

(n,p) α
Cross Section

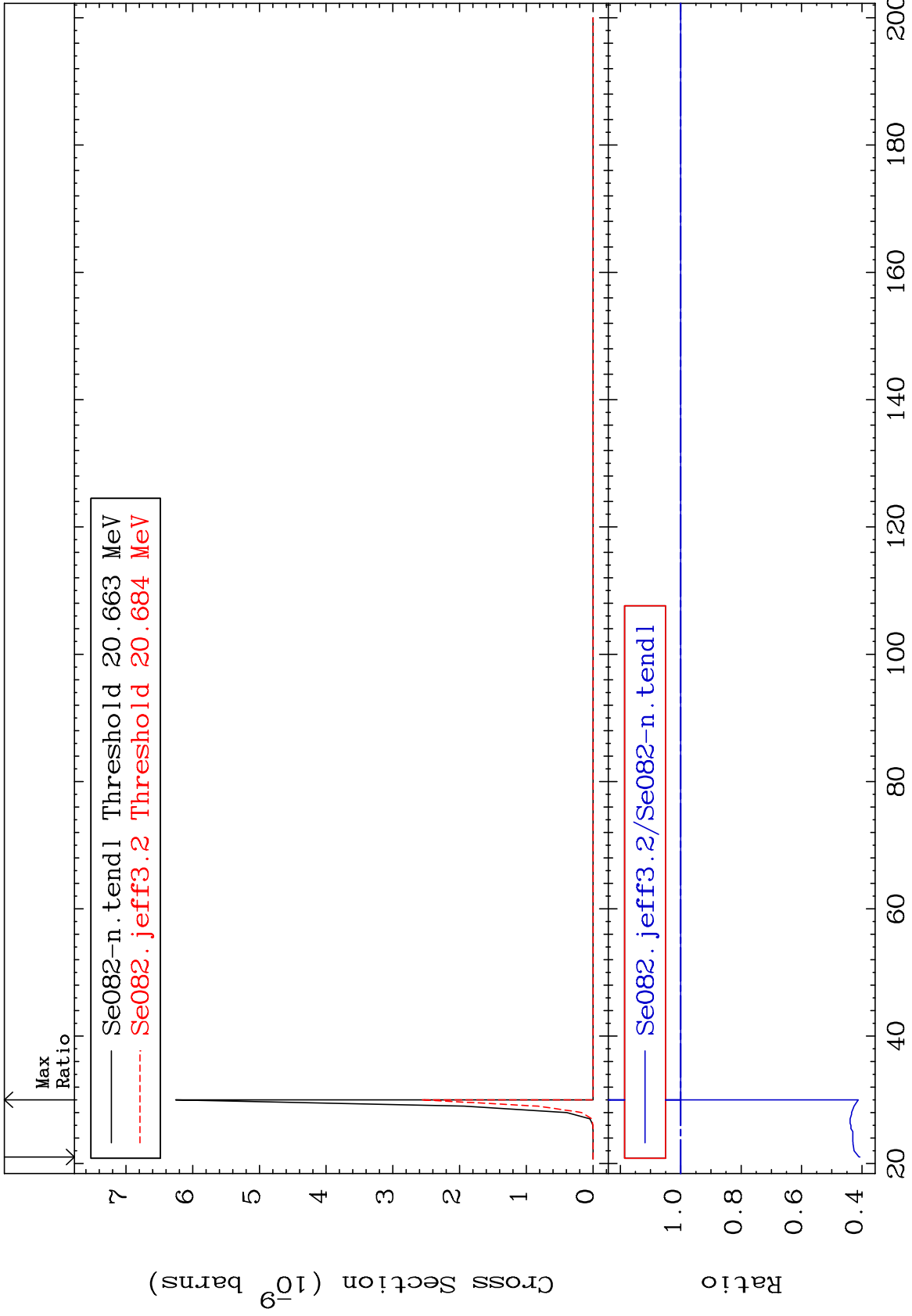
³⁴Se-82
-54.60 To 117.9 %

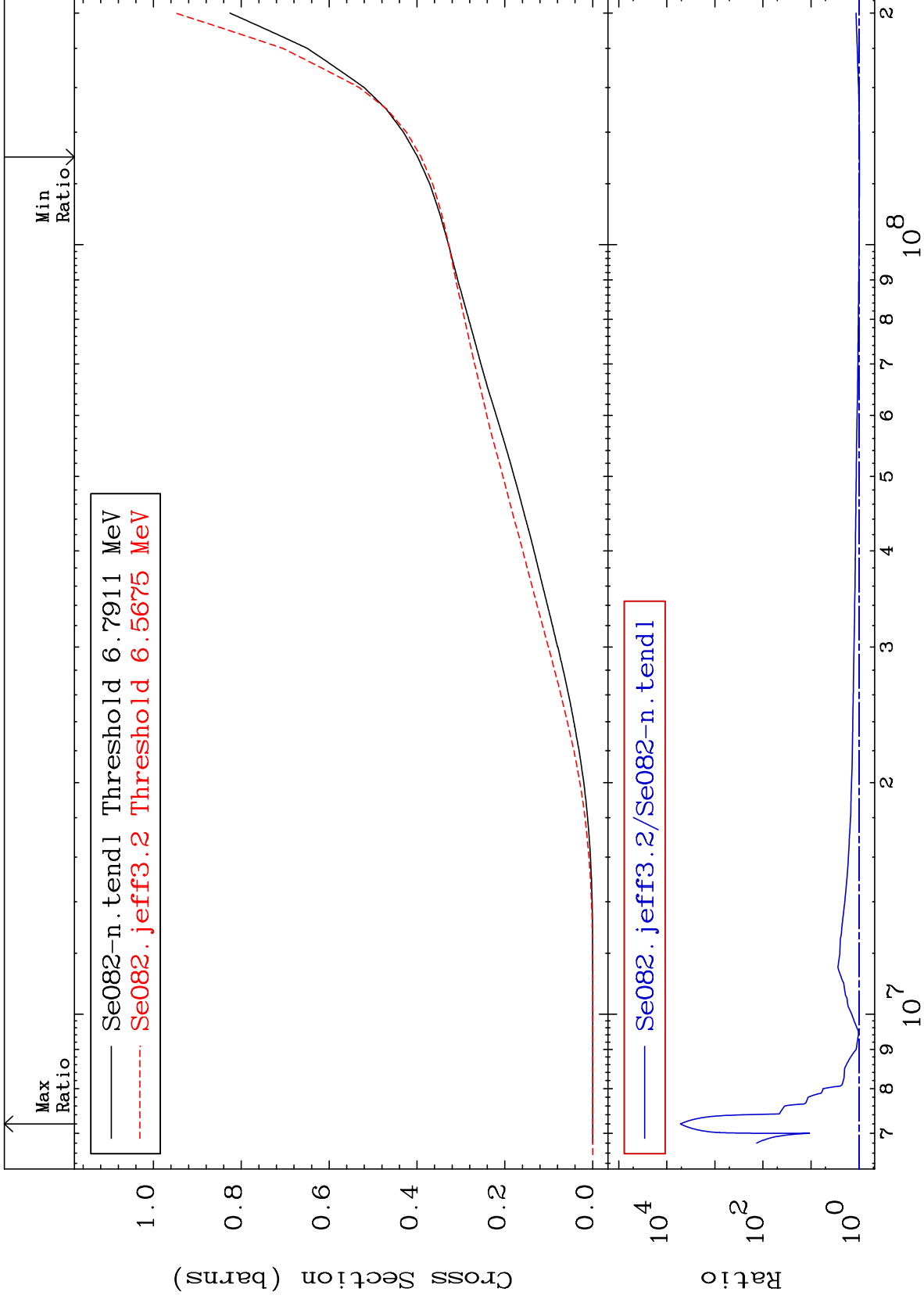


MAT 3449

(n,p) d
Cross Section

34-Se-82
-59.31 To 0.000 %

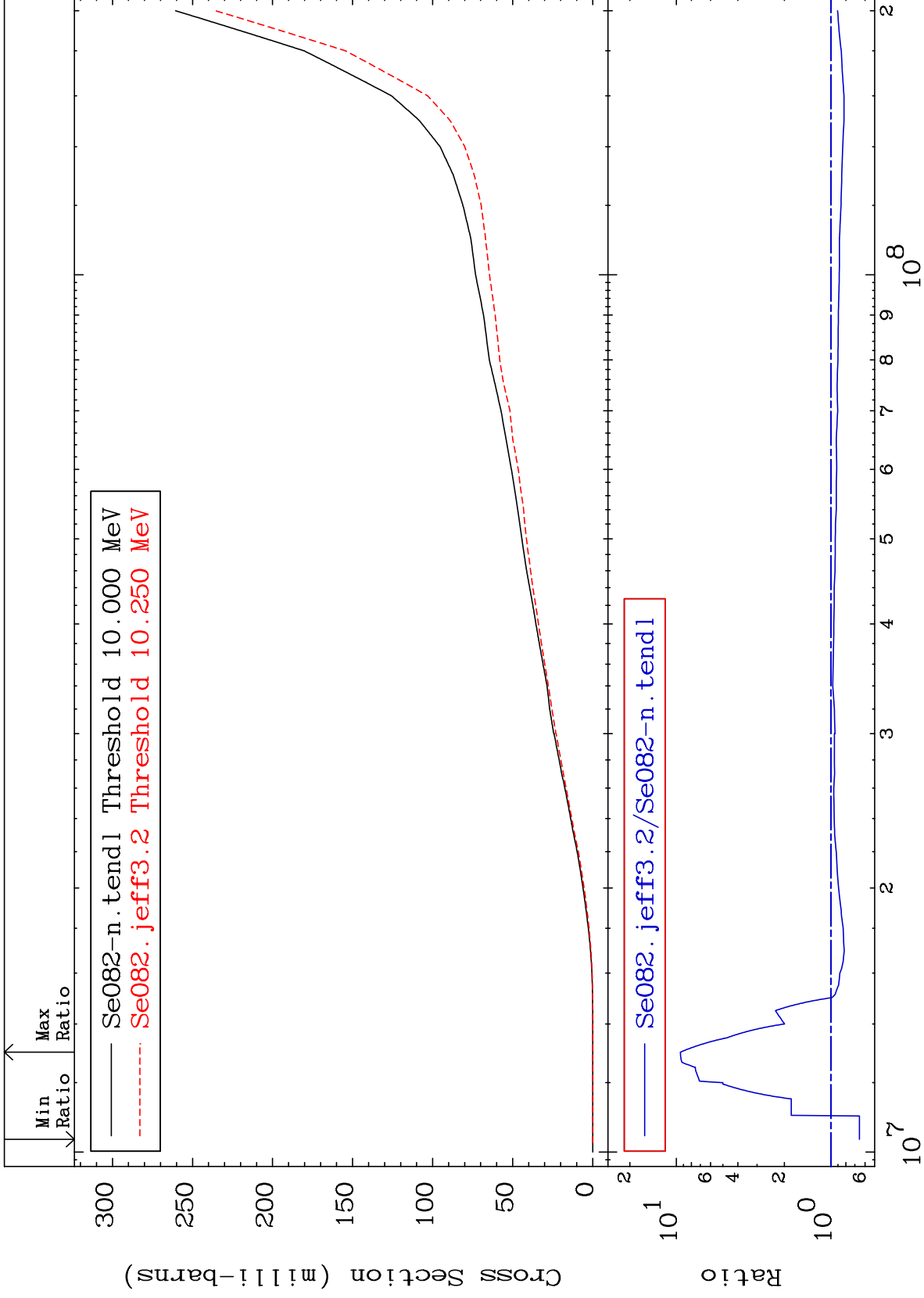




MAT 3449

Deuterium Production
Cross Section

³⁴Se-82
-34.72 To 842.4 %



59

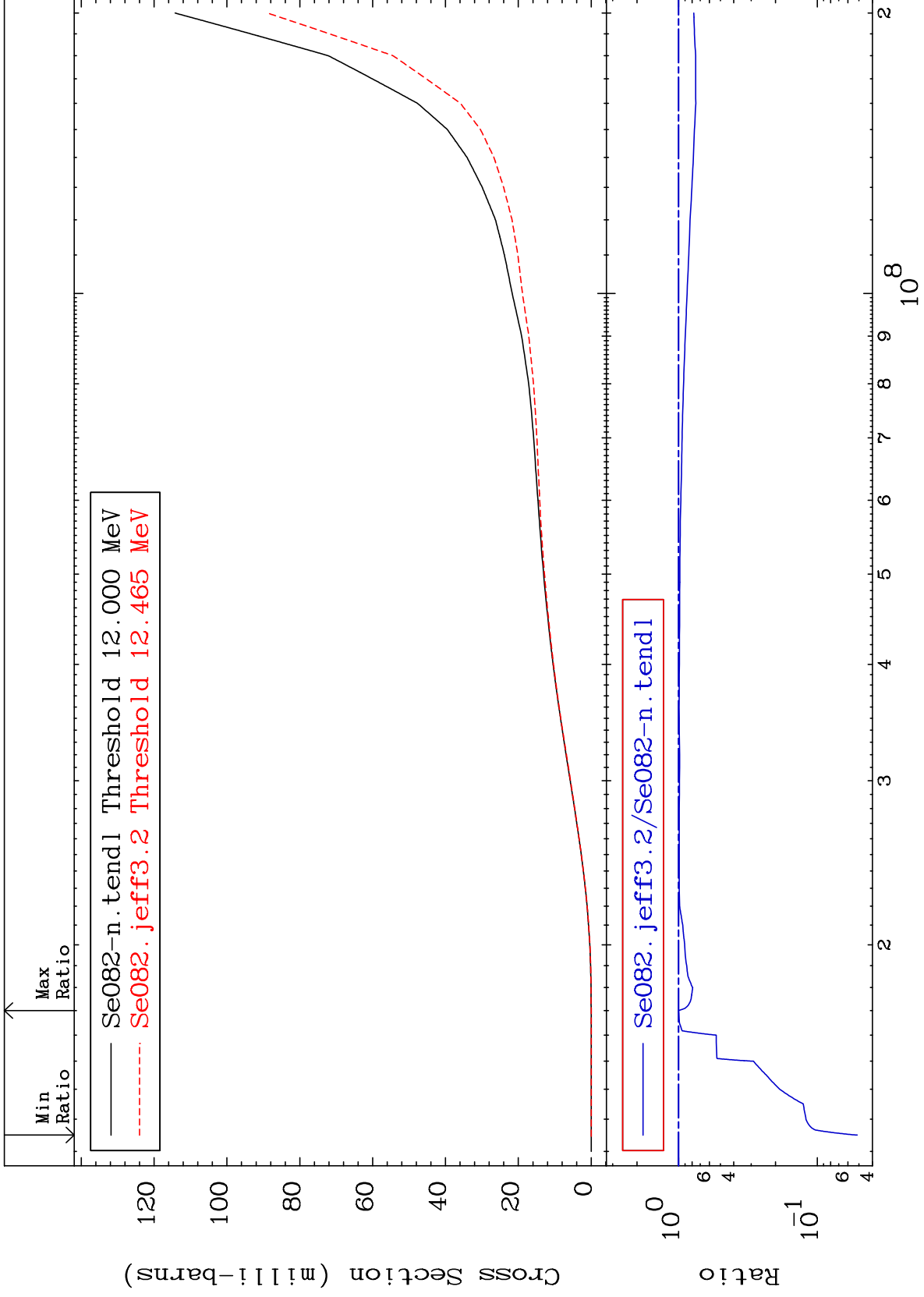
Incident Energy (eV)

³⁴Se-82

MAT 3449

Tritium Production
Cross Section

³⁴Se-82
-94.86 To 0.072 %



60

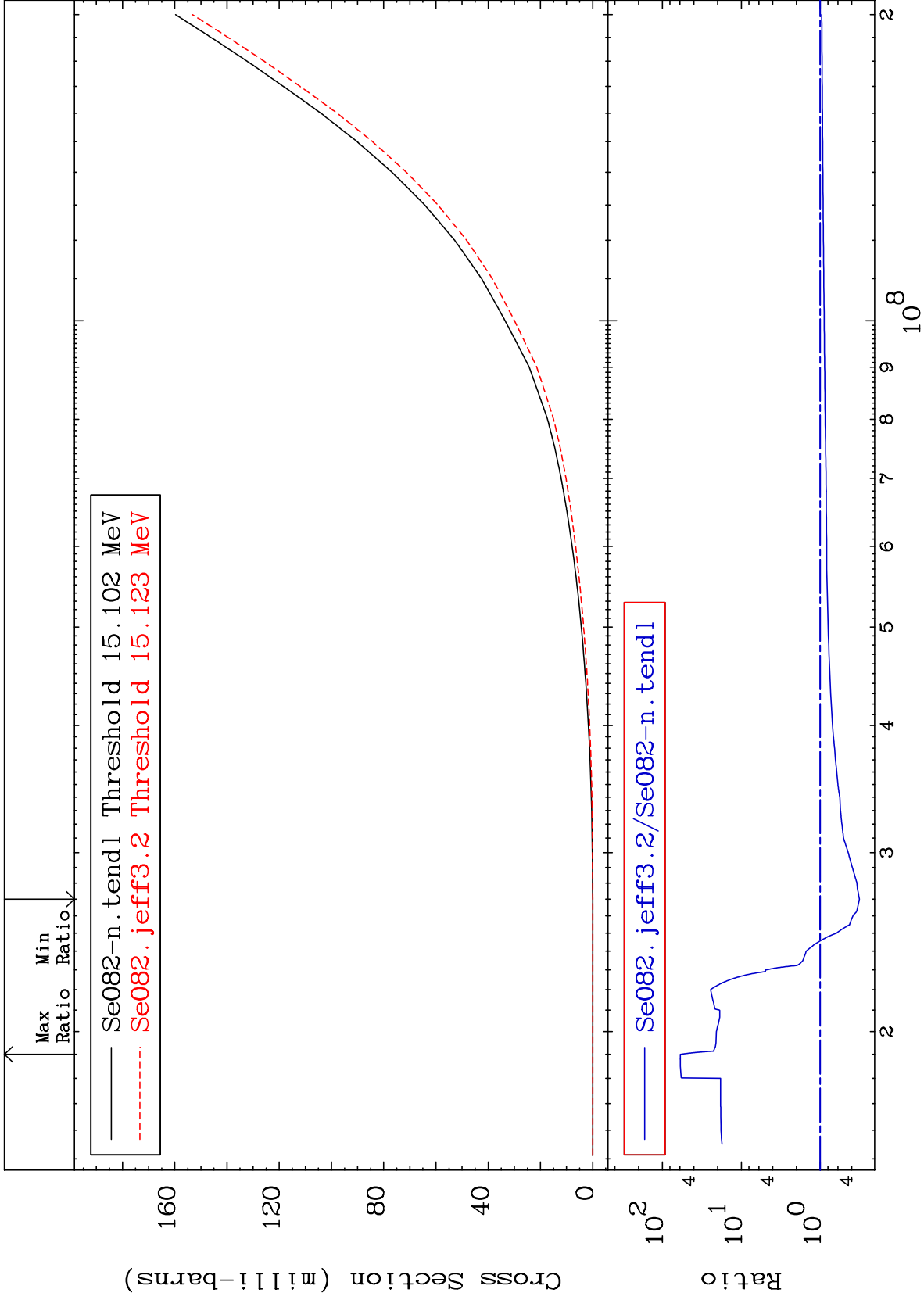
Incident Energy (eV)

³⁴Se-82

MAT 3449

He-3 Production
Cross Section

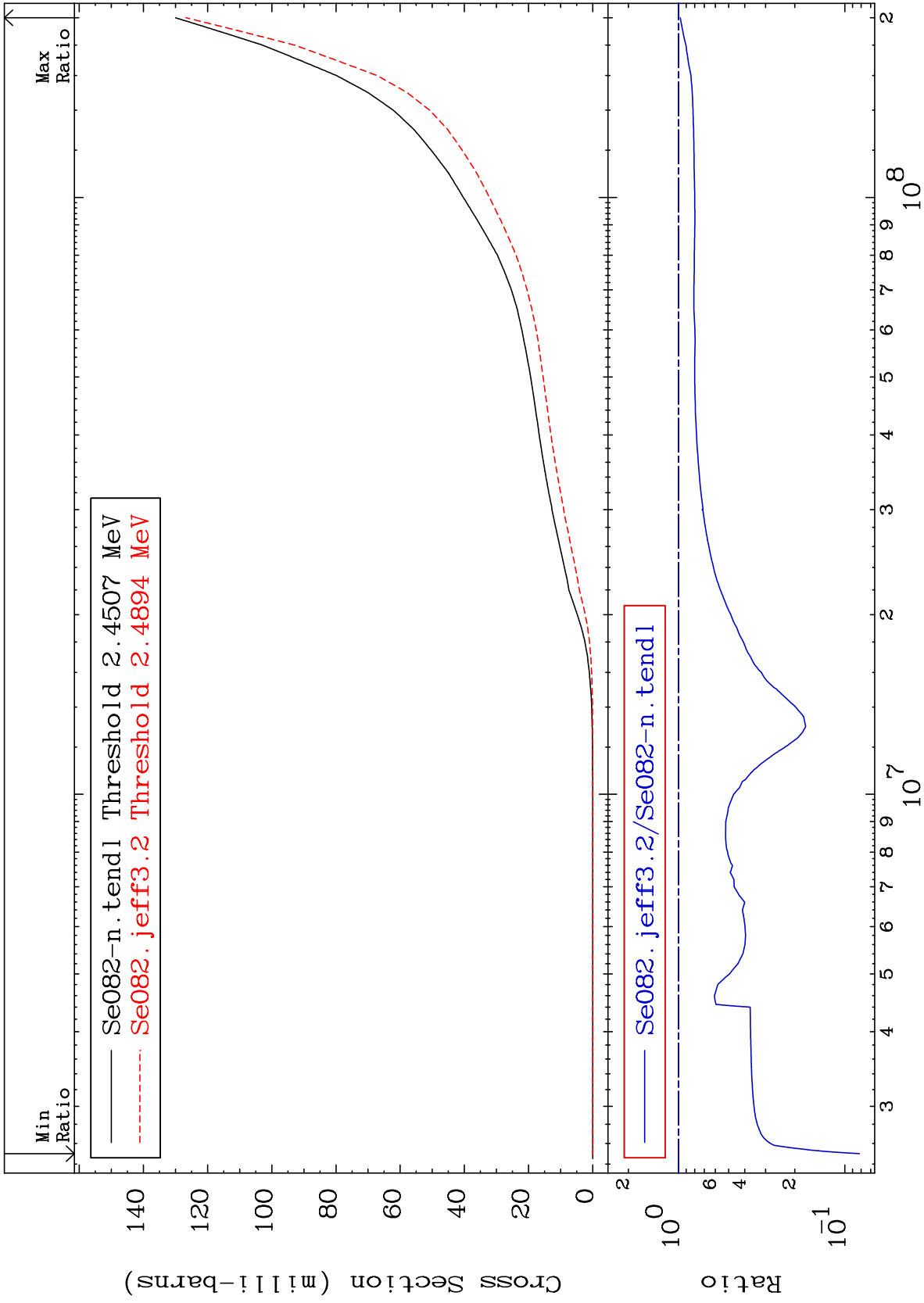
³⁴Se-82
-68.01 To 5812. %



MAT 3449

He-4 Production
Cross Section

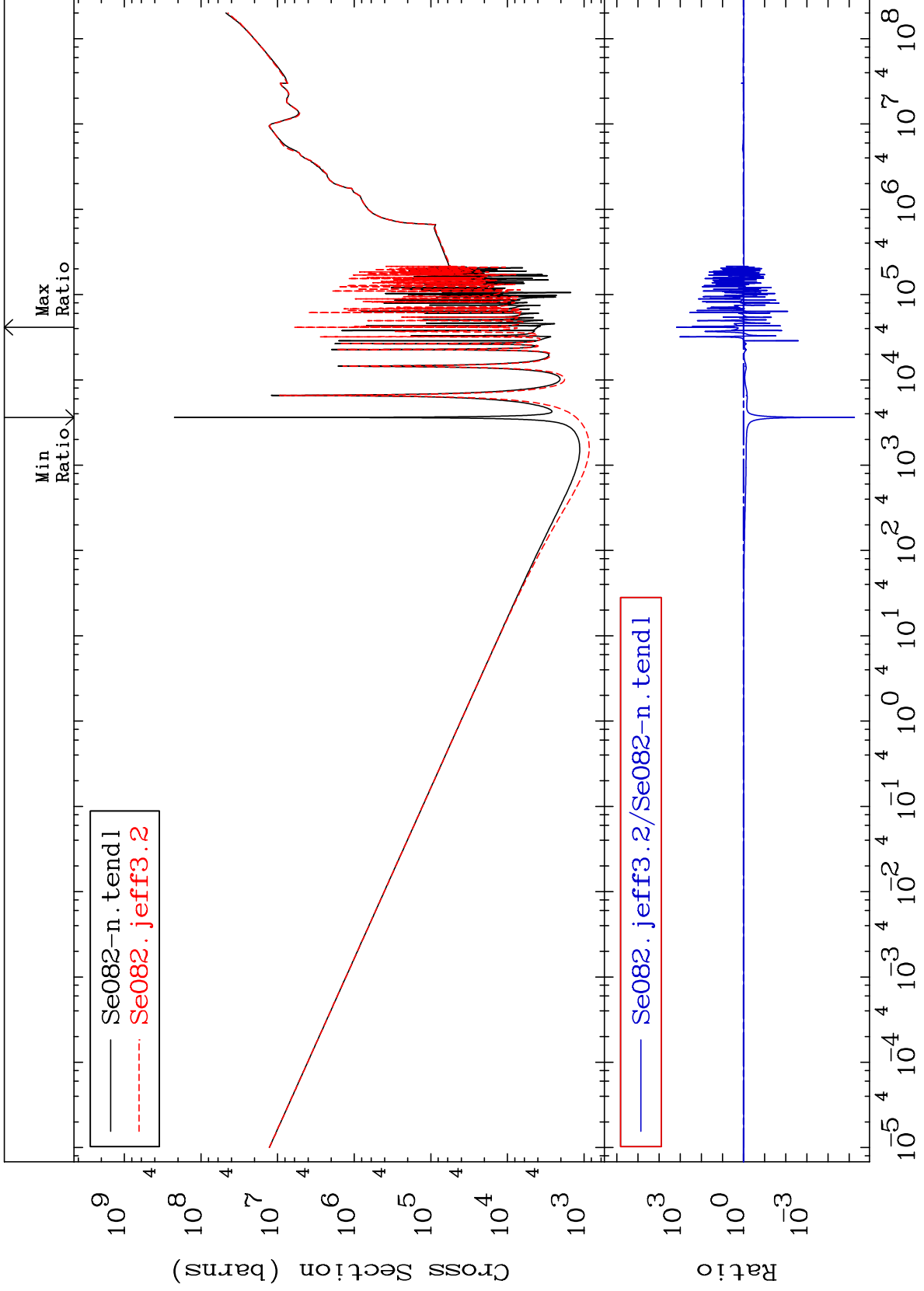
34-Se-82
-91.82 To -2.535%



62

Incident Energy (eV)

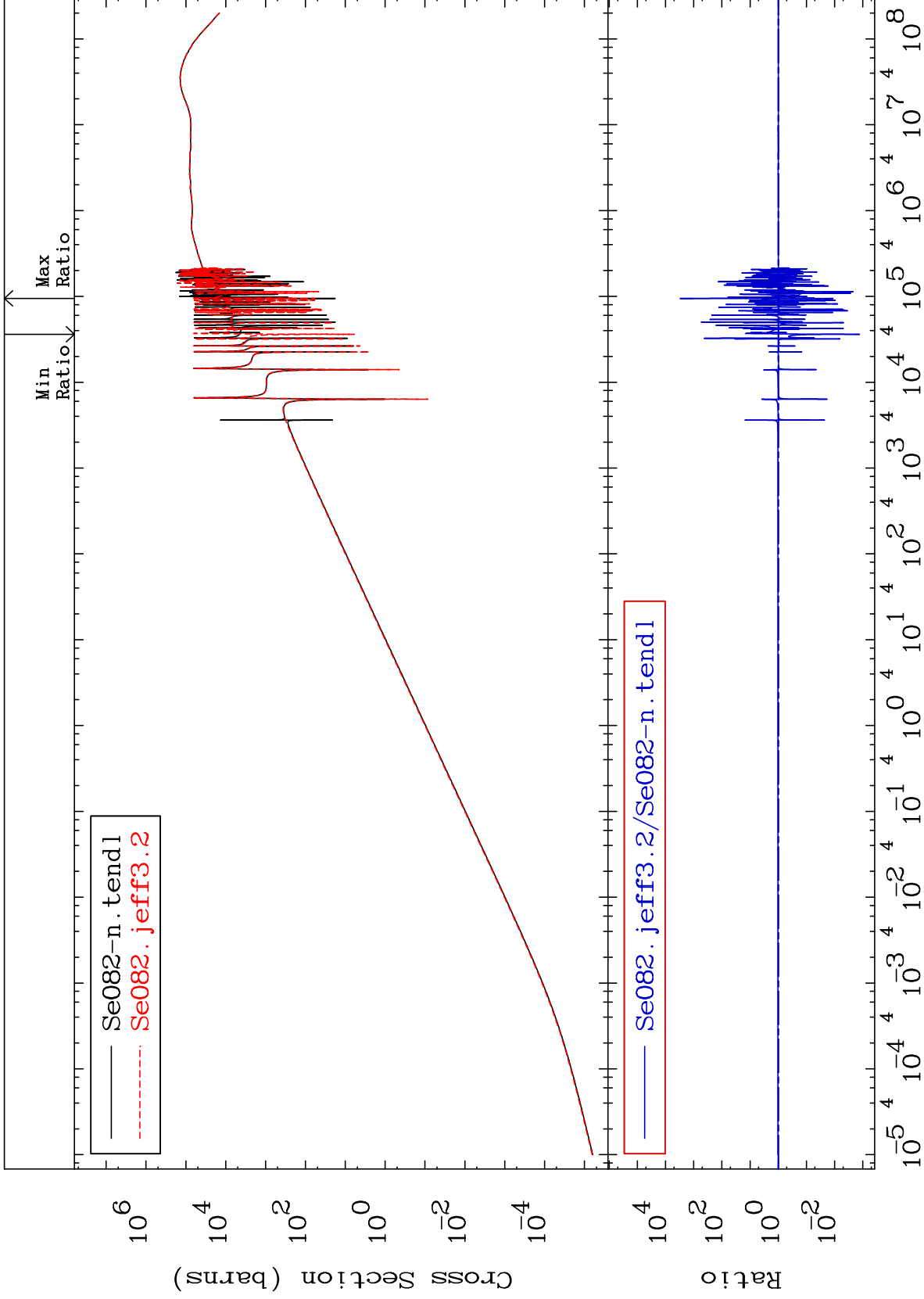
34-Se-82

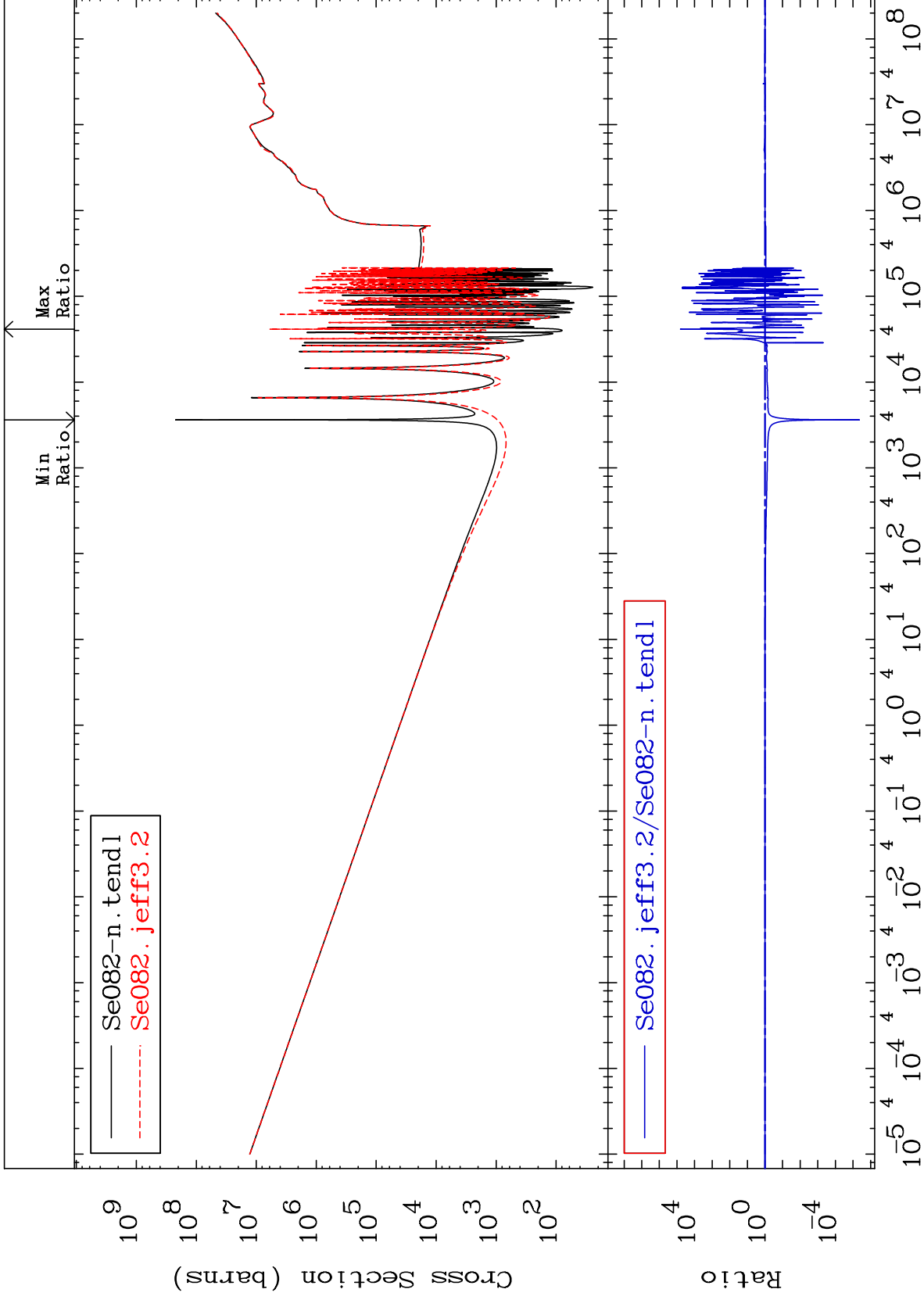


MAT 3449

Kerma elastic
Cross Section

³⁴Se-82
-99.87 To 9999. %

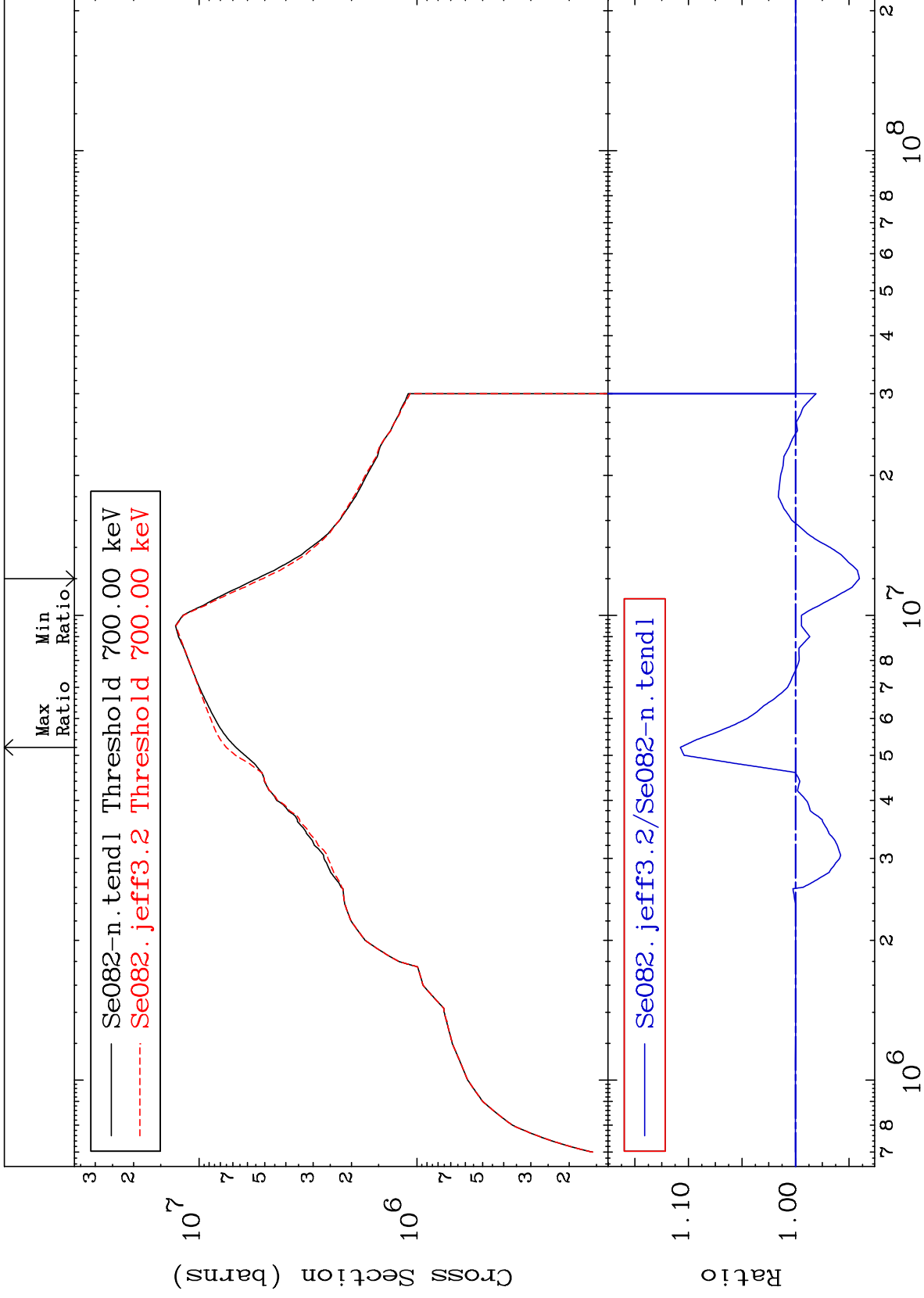




MAT 3449

Kerma inelastic (mt51-91)
Cross Section

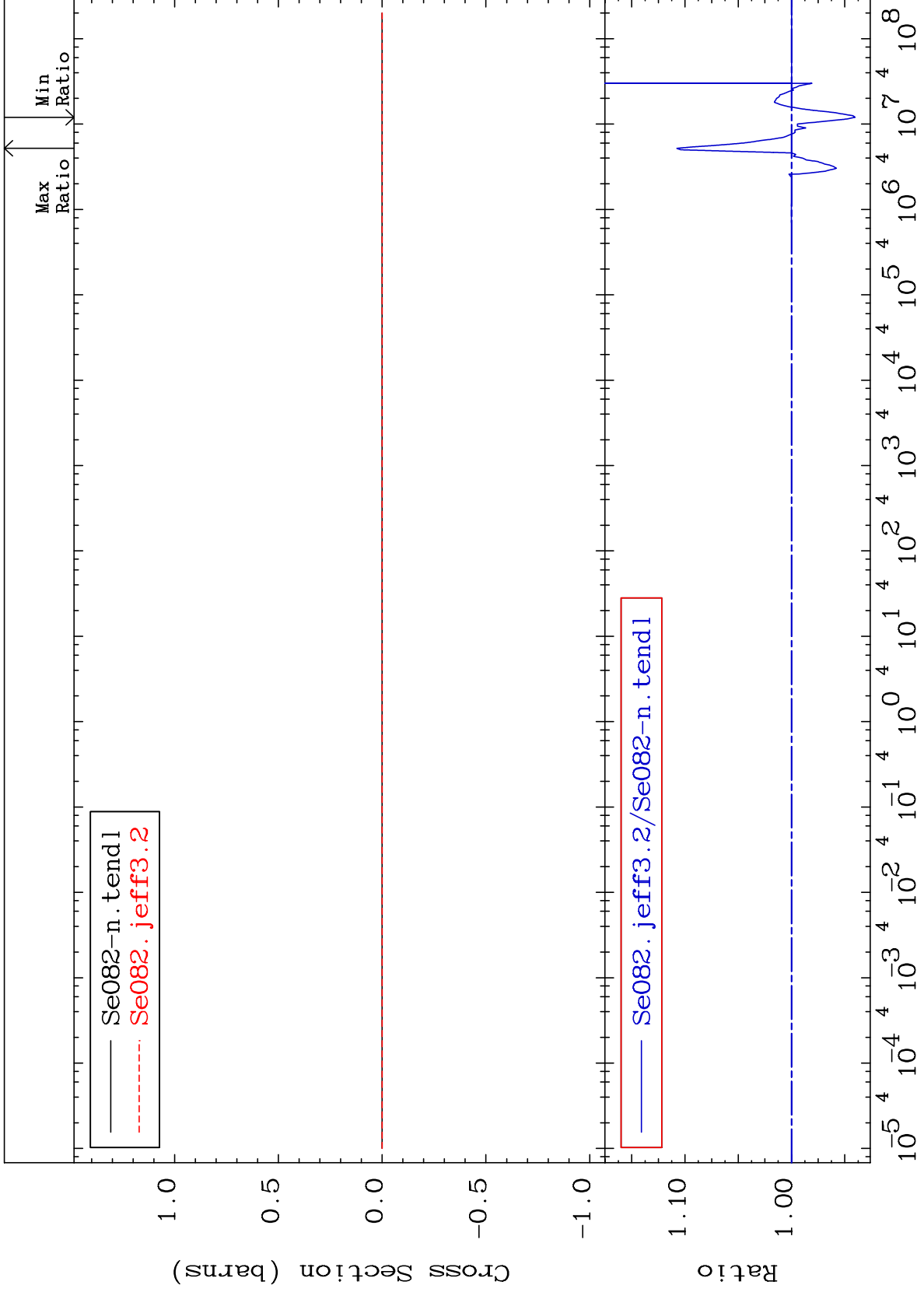
34-Se-82
-5.966 To 10.76 %



MAT 3449

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

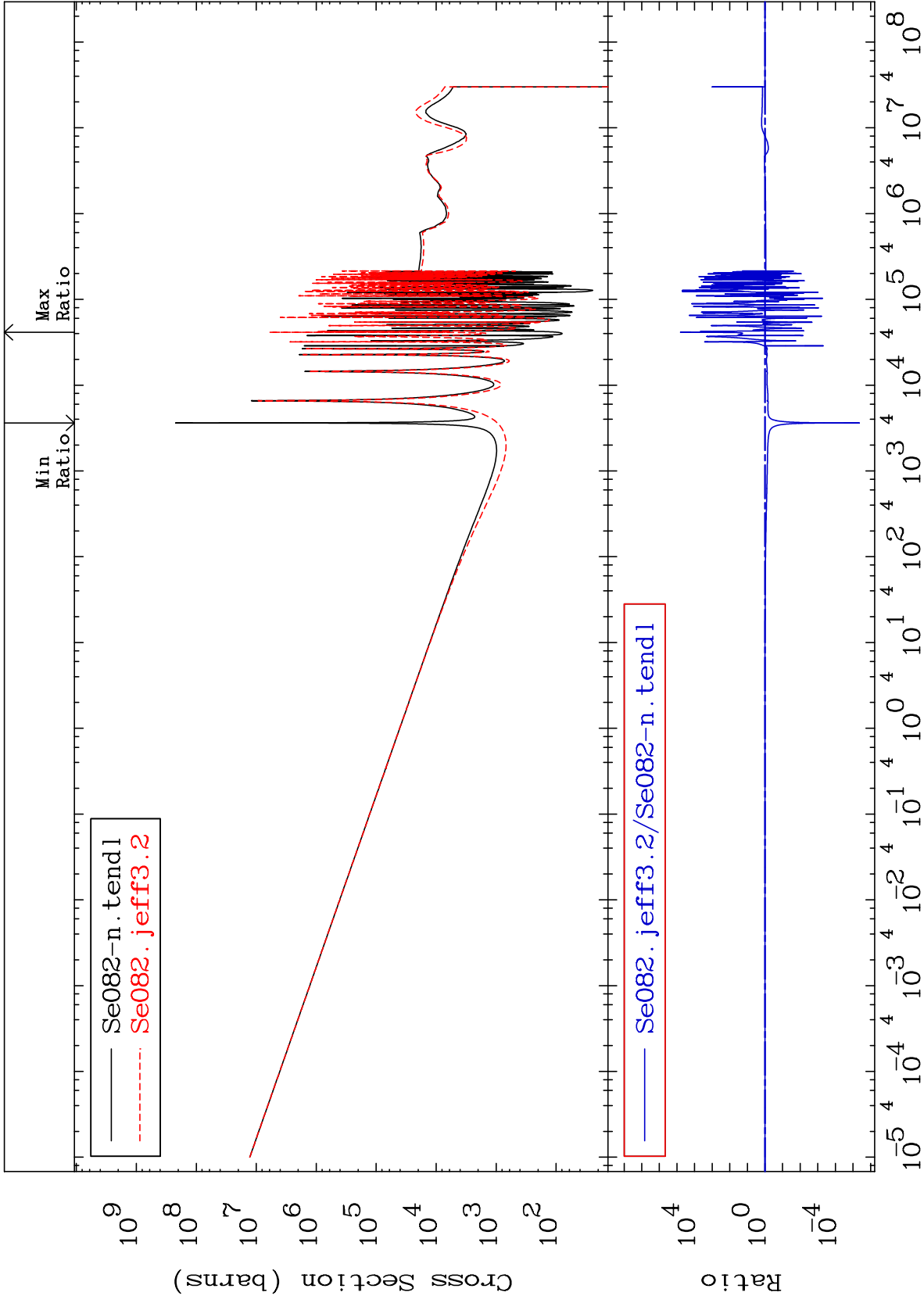
34-Se-82
-5.966 To 10.76 %

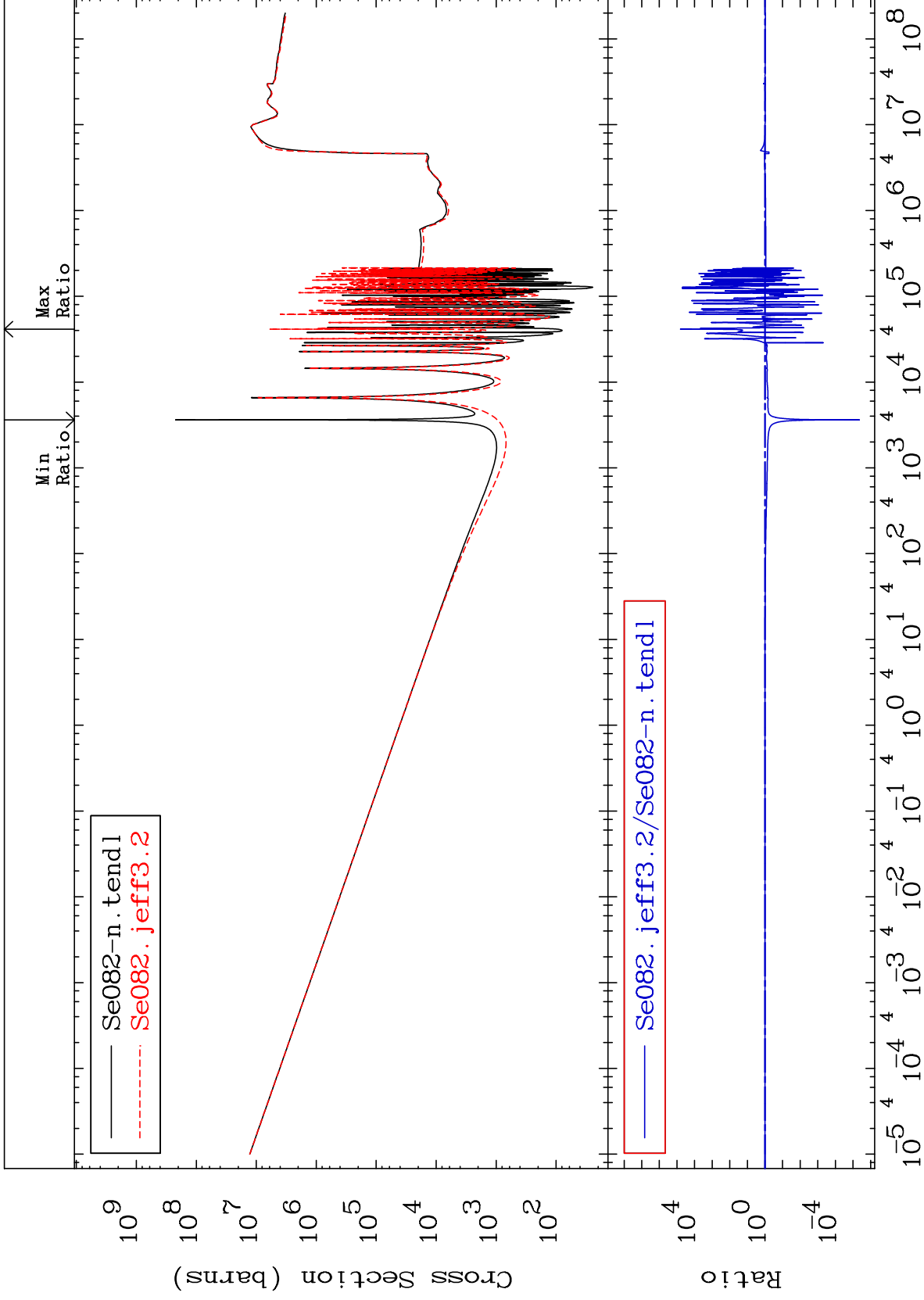


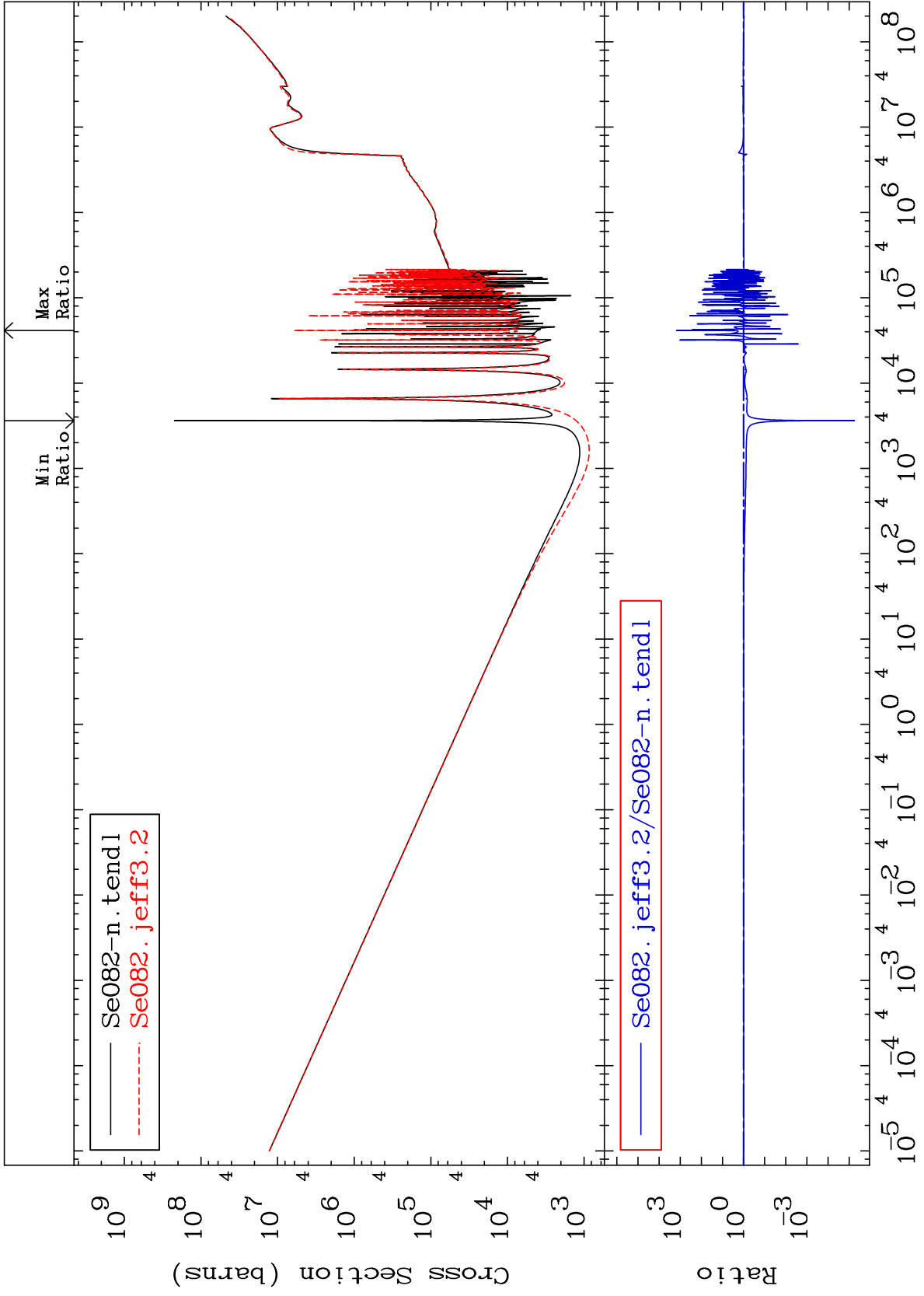
67

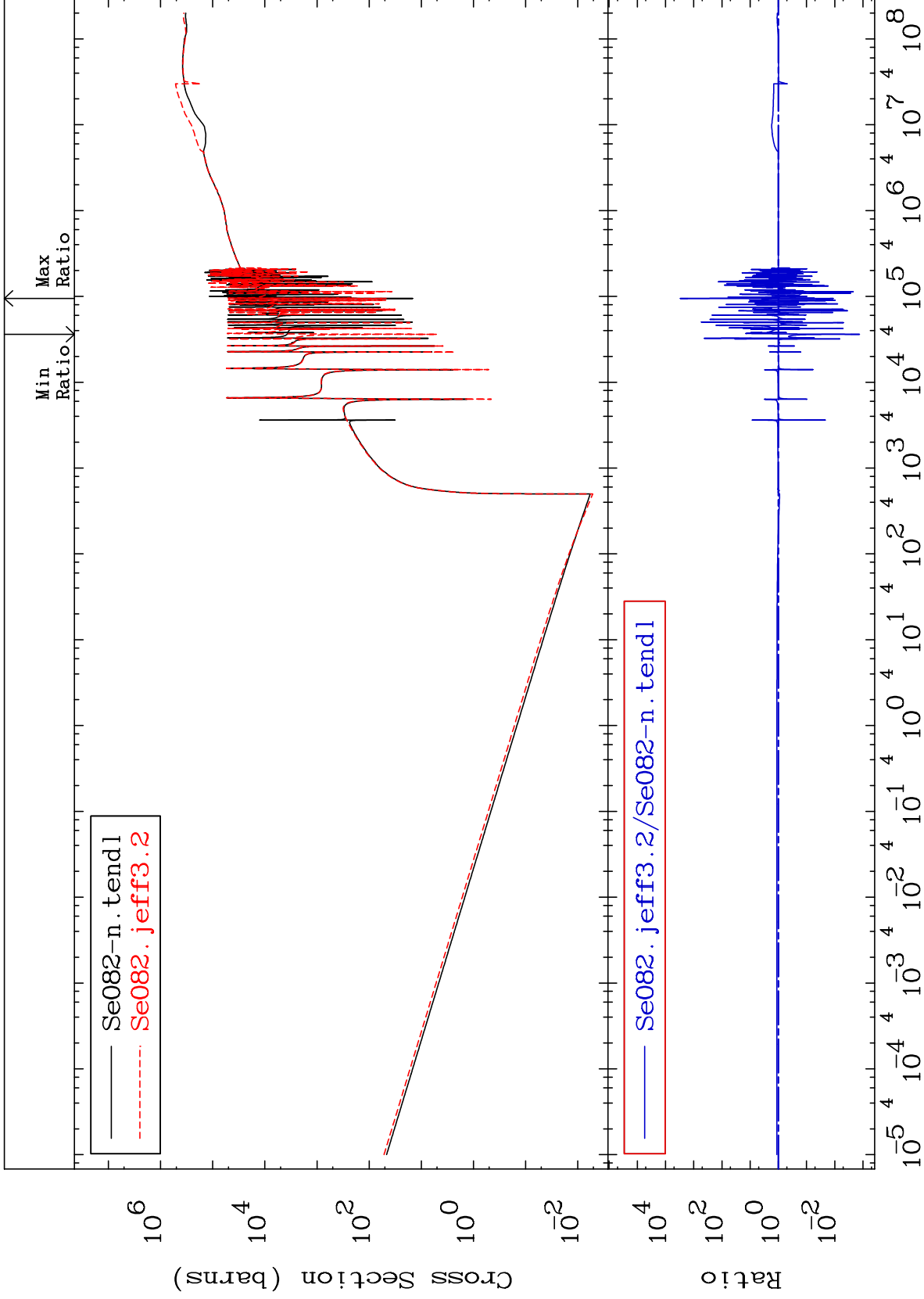
Incident Energy (eV)

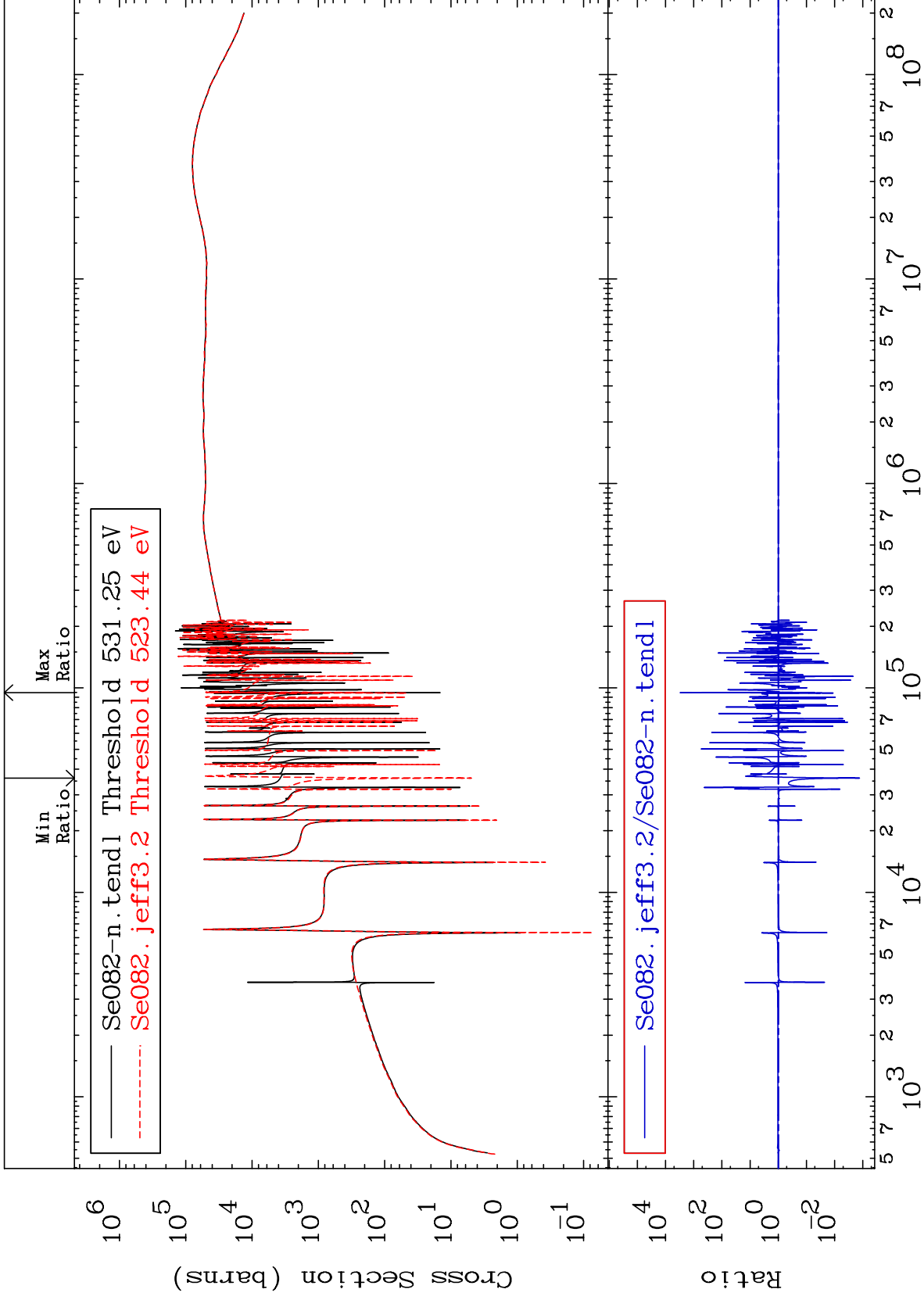
34-Se-82







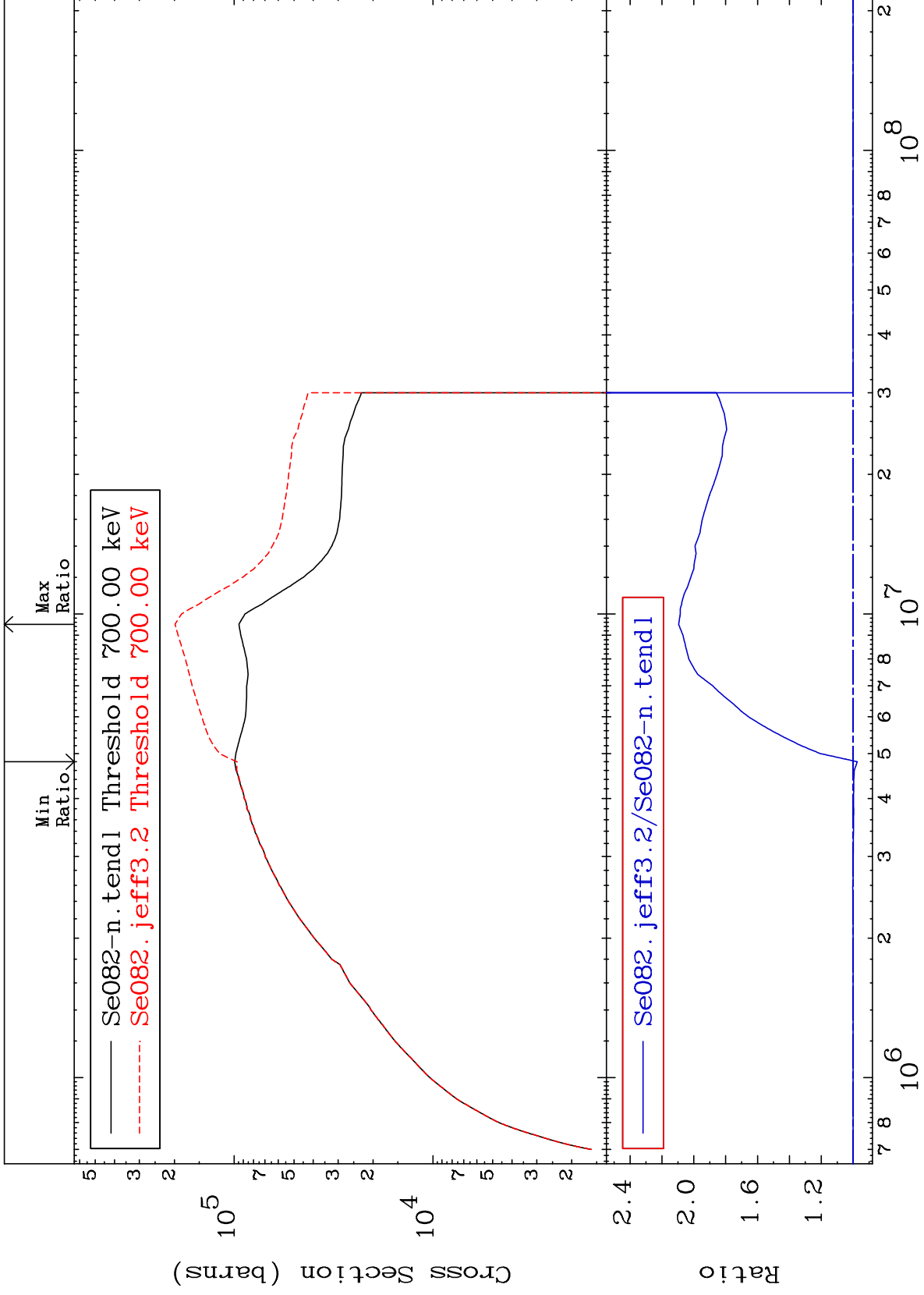


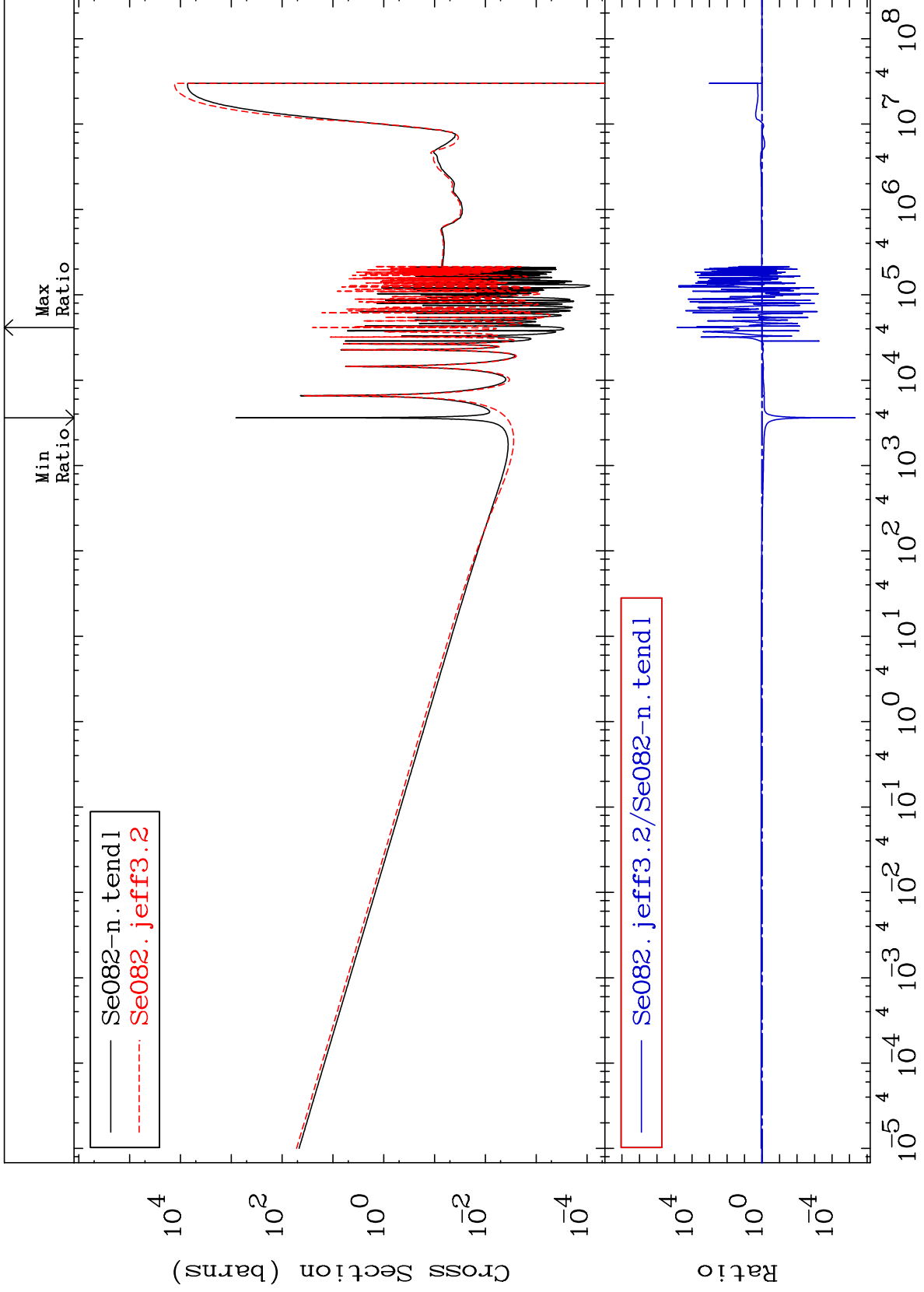


MAT 3449

Dpa inelastic (mt51-91)
Cross Section

34-Se-82
-2.588 To 109.5 %



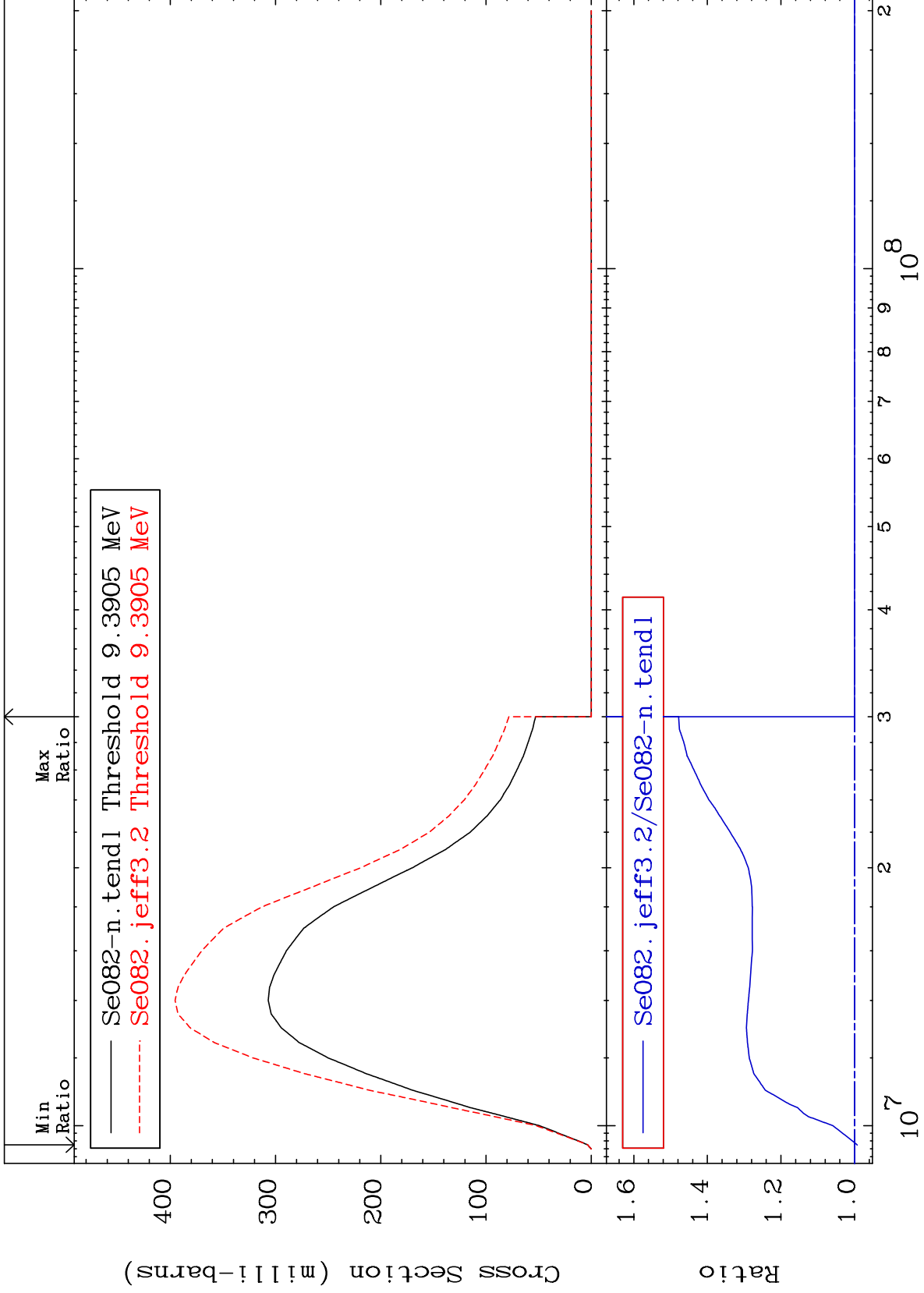


MAT 3449

(n,2n):34-Se-81g

34-Se-82

Radionuclide Production Cross Section -0.732 To 47.81 %

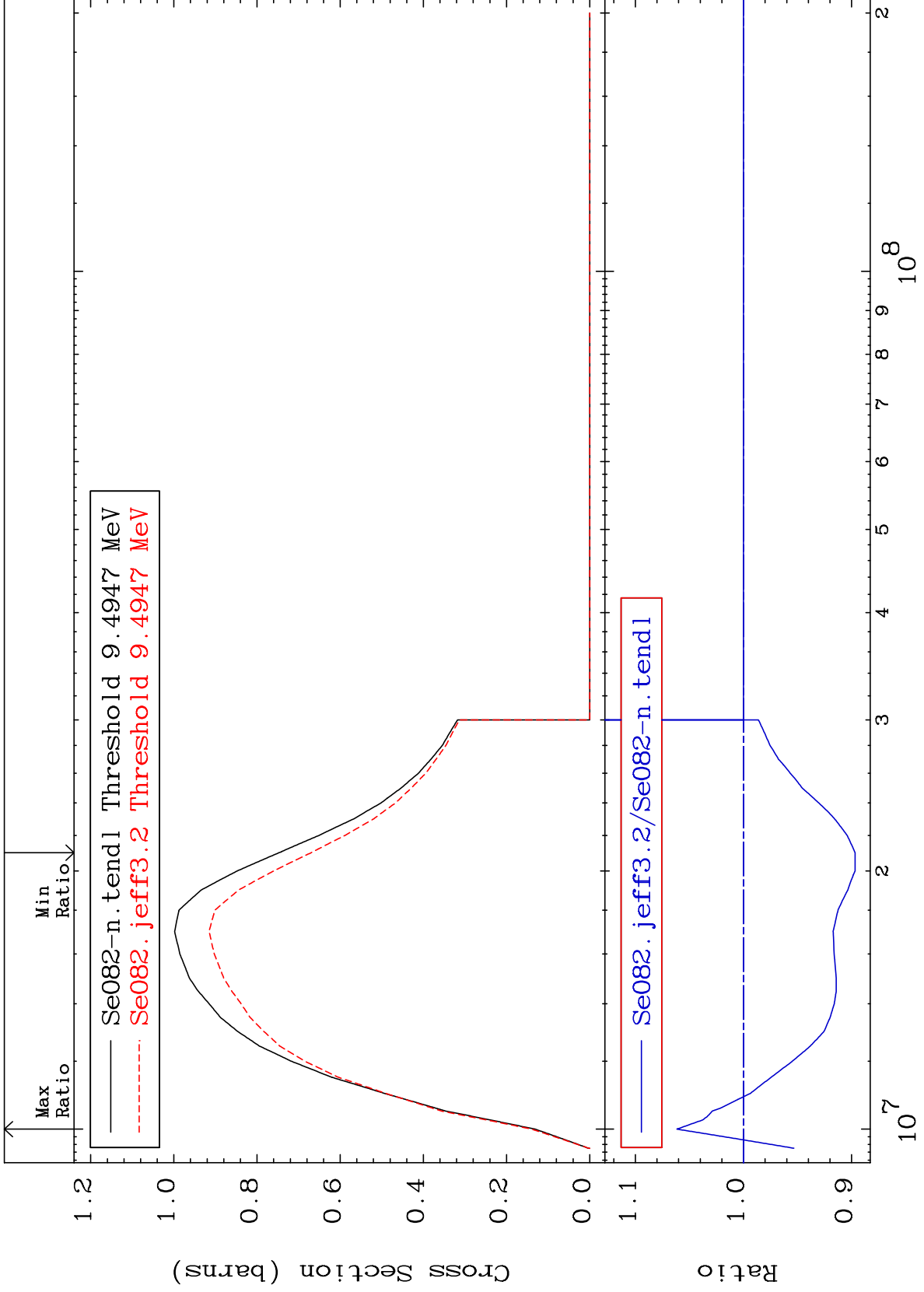


MAT 3449

(n,2n):34-Se-81m1

34-Se-82

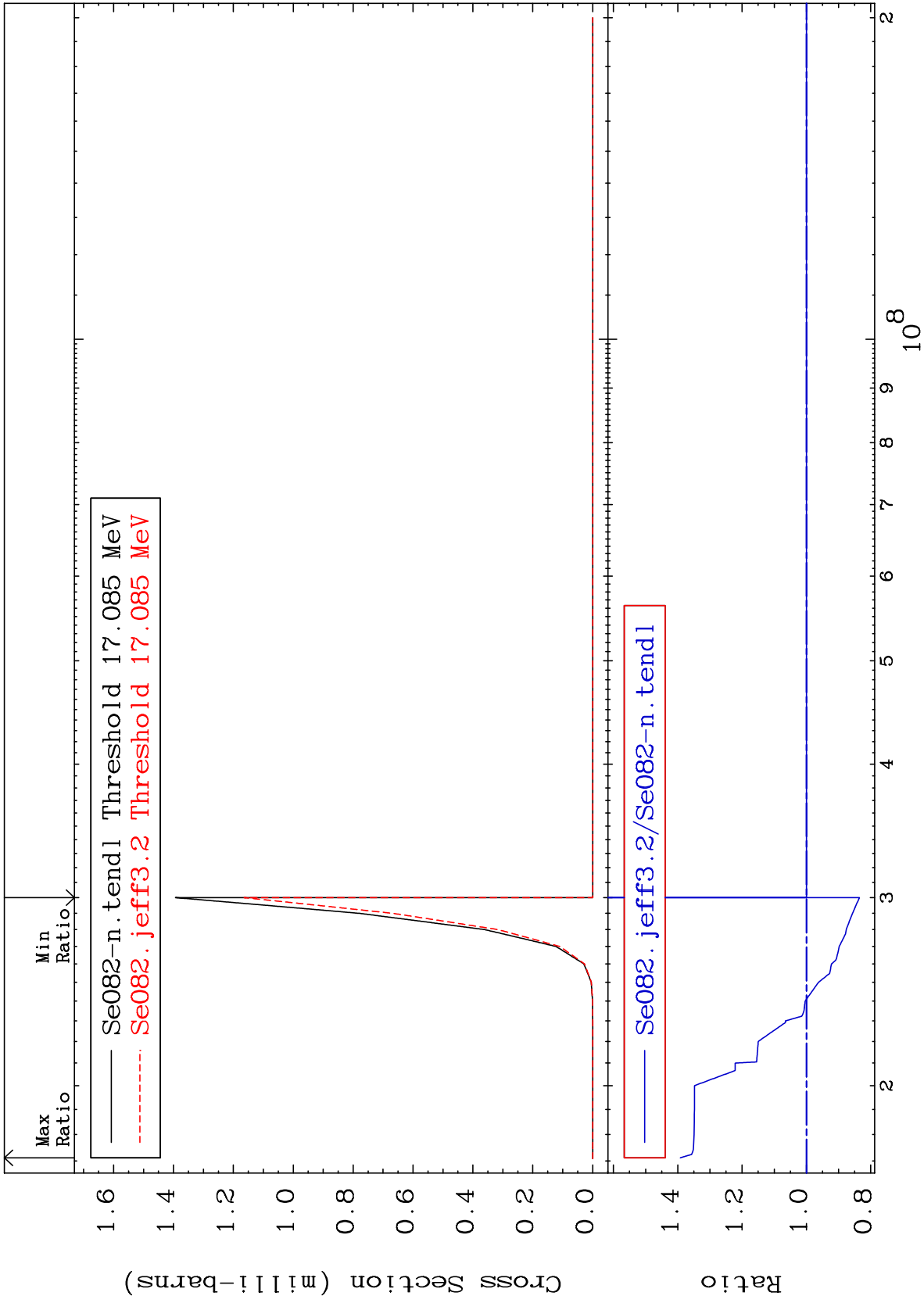
Radionuclide Production Cross Section -10.32 To 6.156 %



76

Incident Energy (eV)

34-Se-82

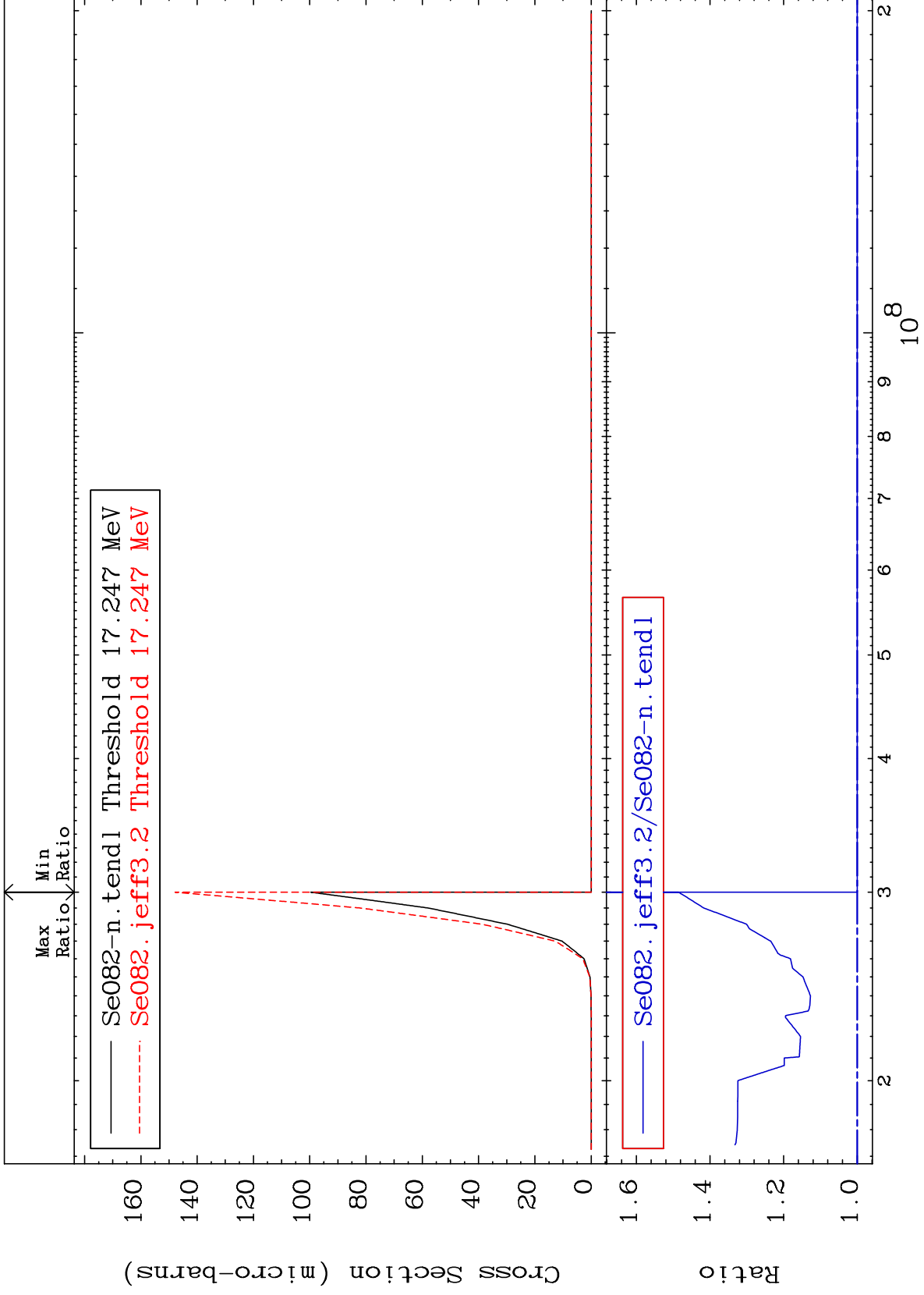


MAT 3449

(n,2n) α : 32-Ge-77m1

34-Se-82

Radionuclide Production Cross Section 0.000 To 48.52 %



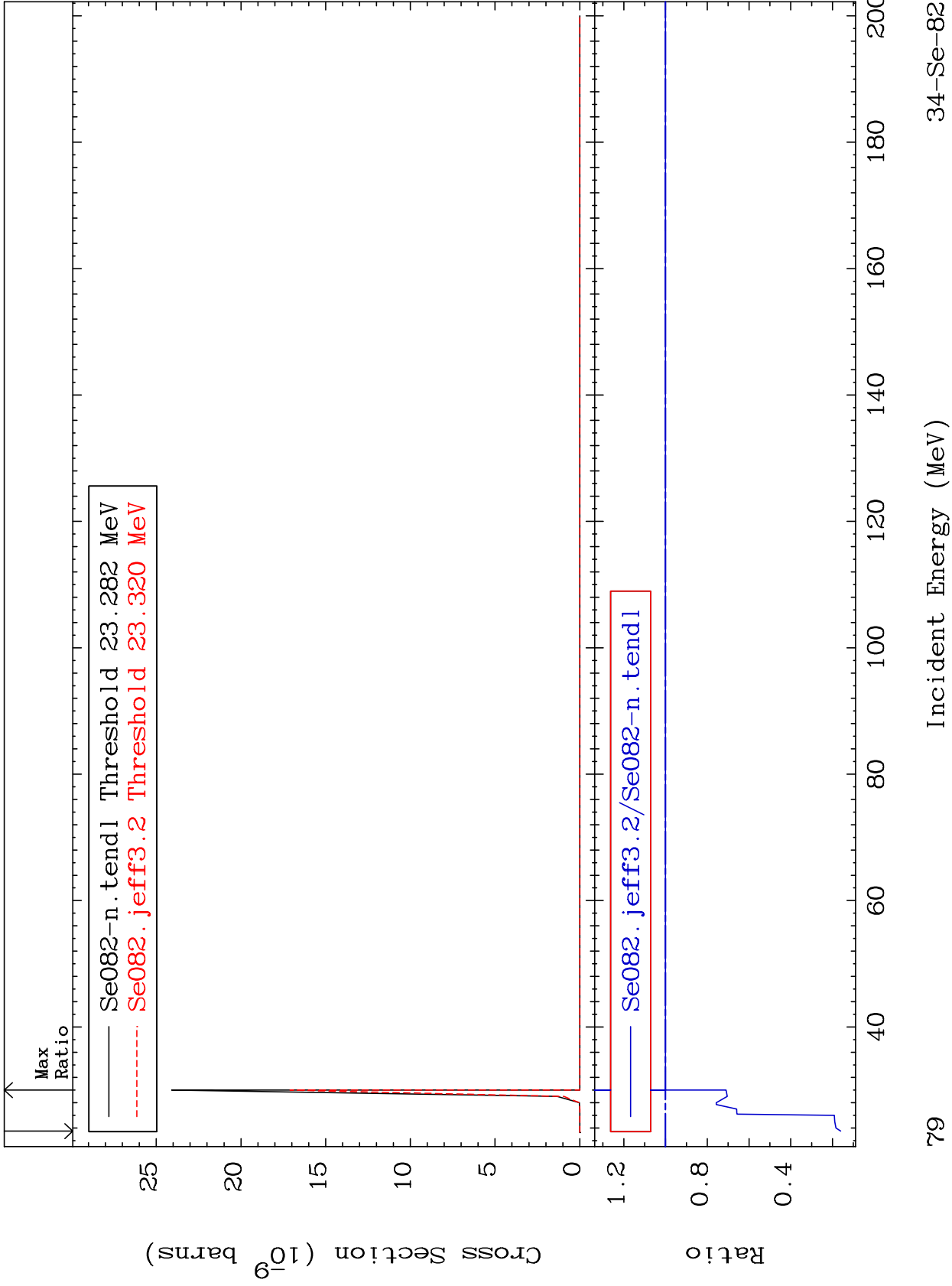
78

Incident Energy (eV)

34-Se-82

MAT 3449

(n, n') He-3:32-Ge-79g 34-Se-82
Radionuclide Production Cross Section -83.92 To 0.000 %



79

Incident Energy (MeV)

34-Se-82

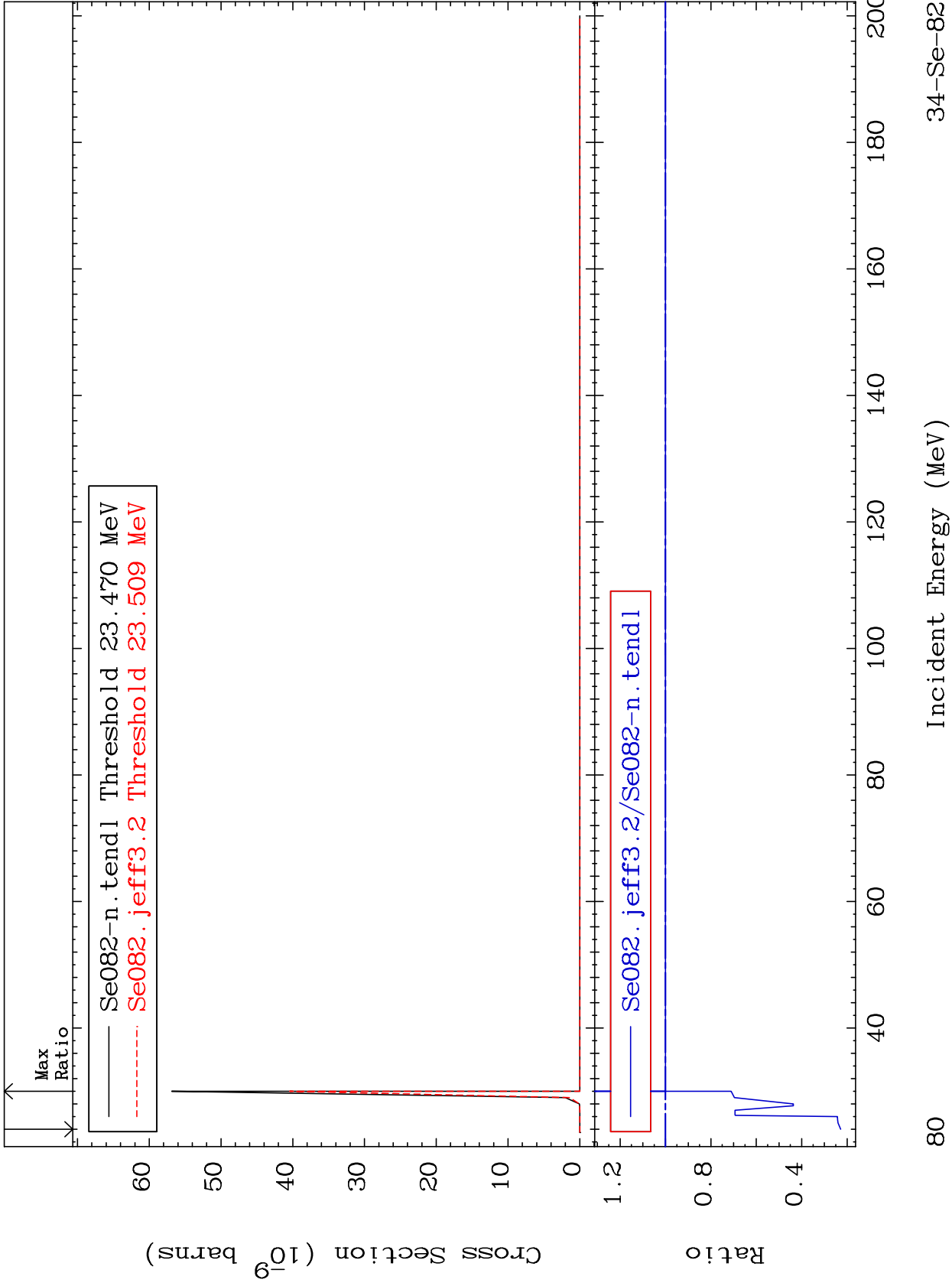
MAT 3449

(n, n') He-3:32-Ge-79m1

34-Se-82

Radionuclide Production Cross Section

-77.17 To 0.000 %



80

Incident Energy (MeV)

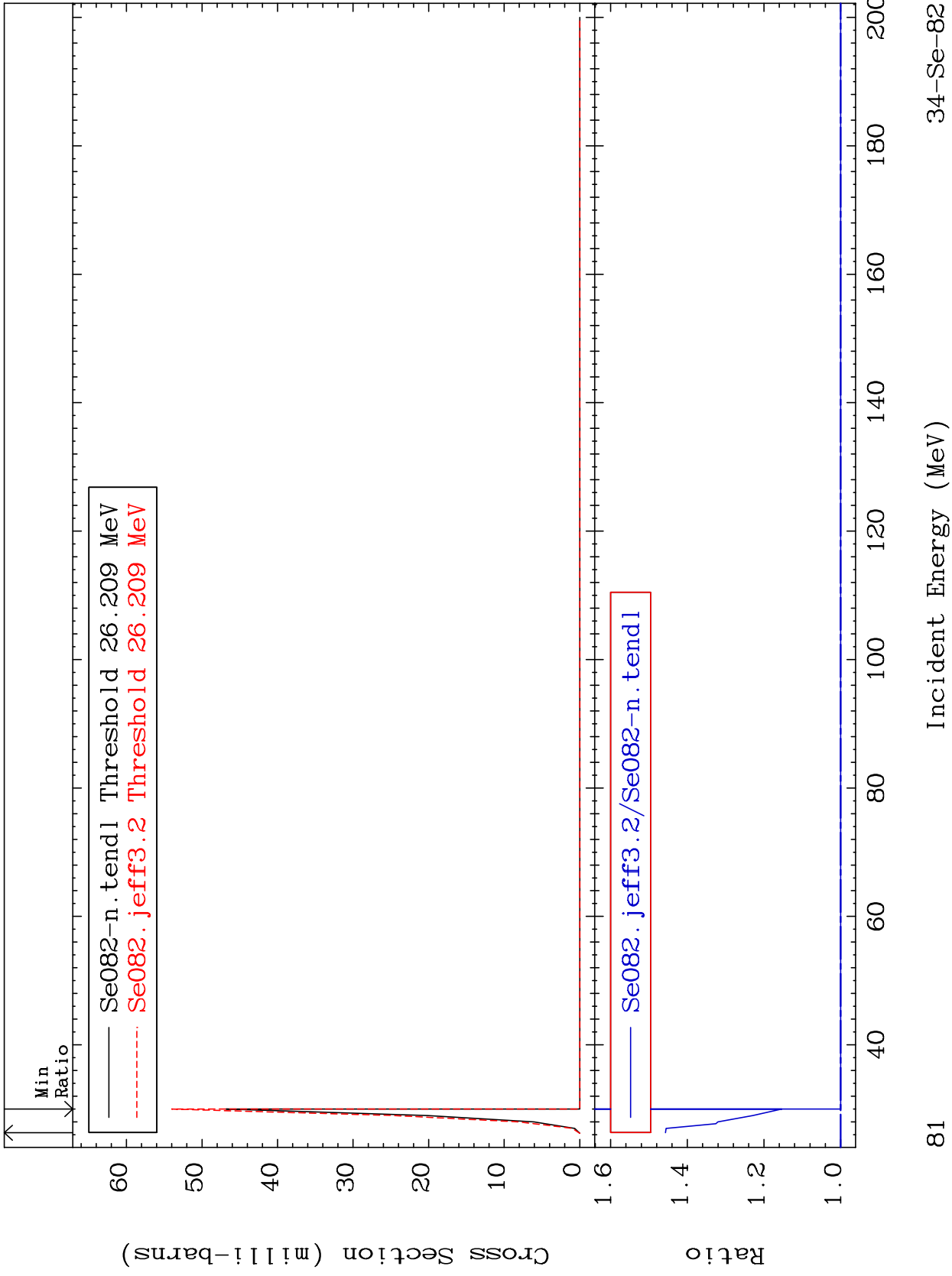
34-Se-82

MAT 3449

(n, 4n) : 34-Se-79g

34-Se-82

Radionuclide Production Cross Section 0.000 To 45.69 %



81

Incident Energy (MeV)

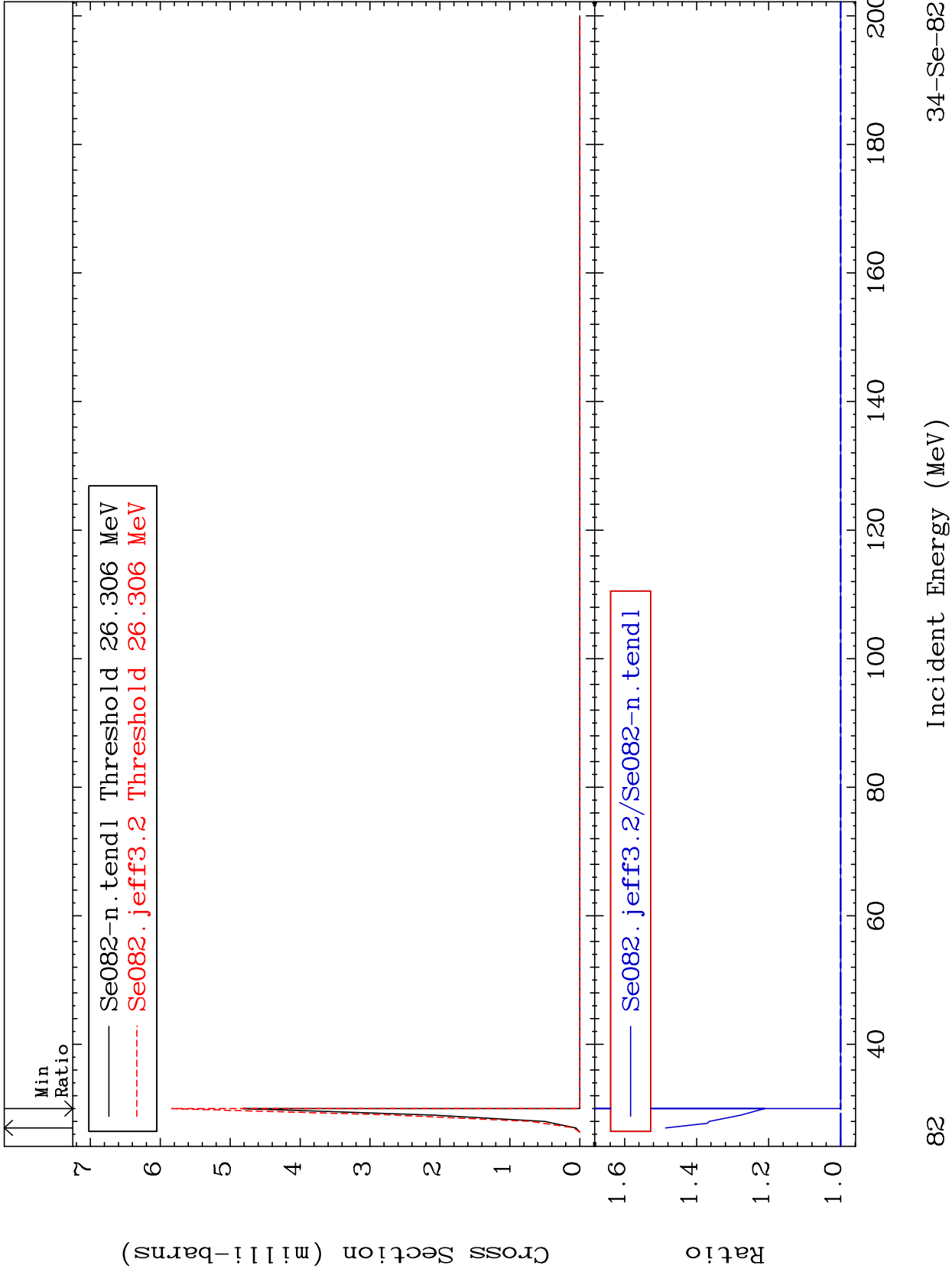
34-Se-82

MAT 3449

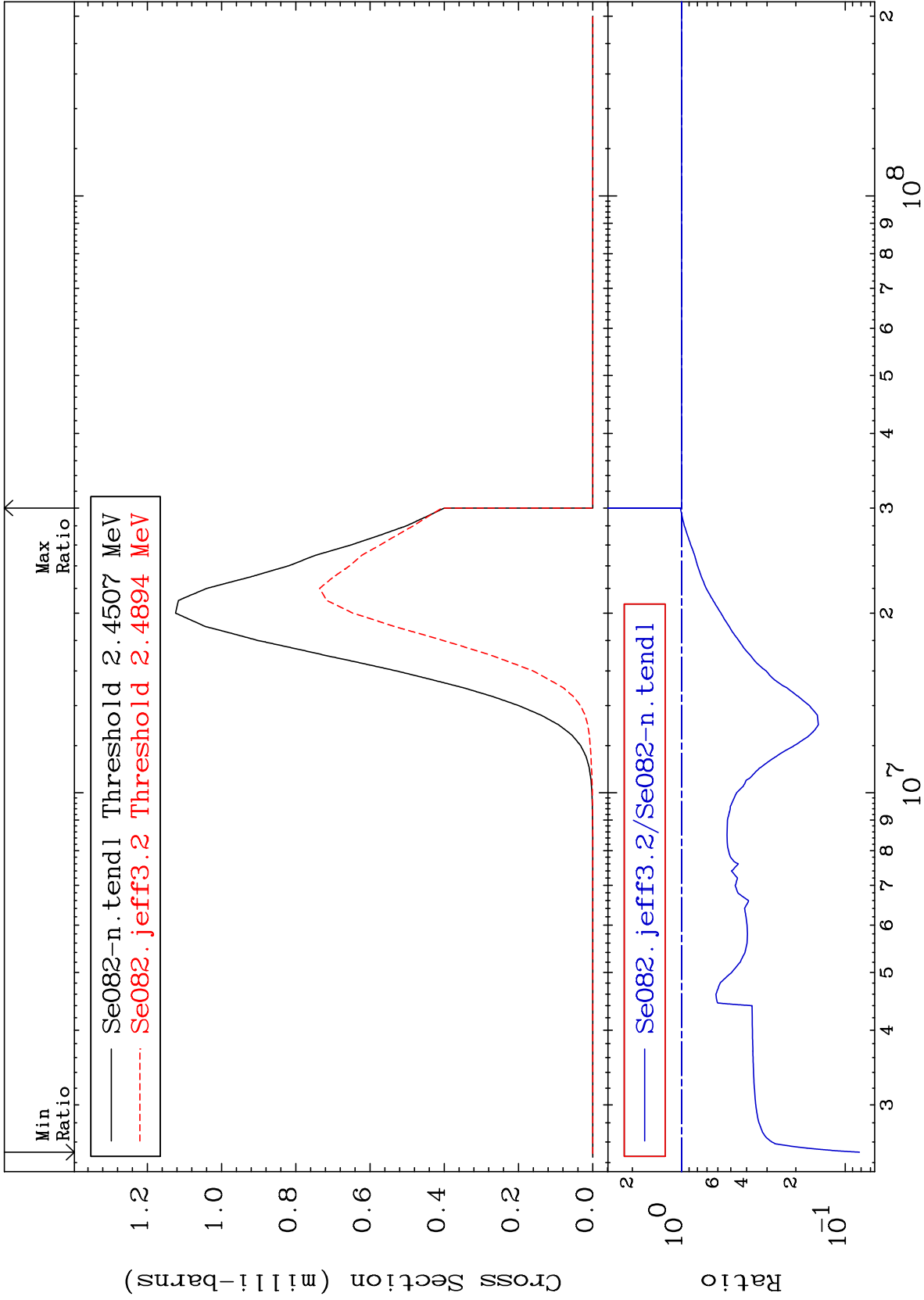
(n, 4n):34-Se-79m1

34-Se-82

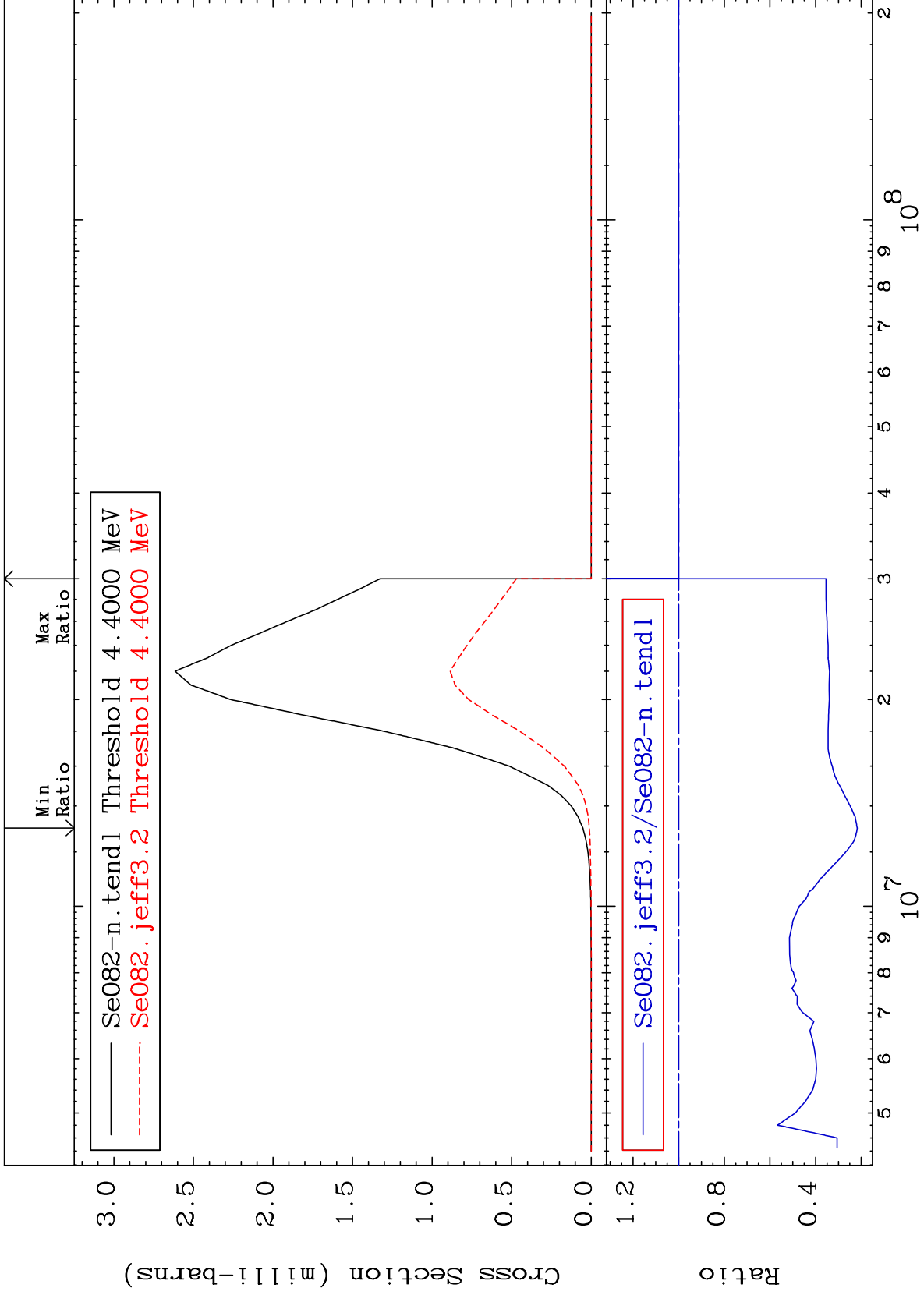
Radionuclide Production Cross Section 0.000 To 48.64 %

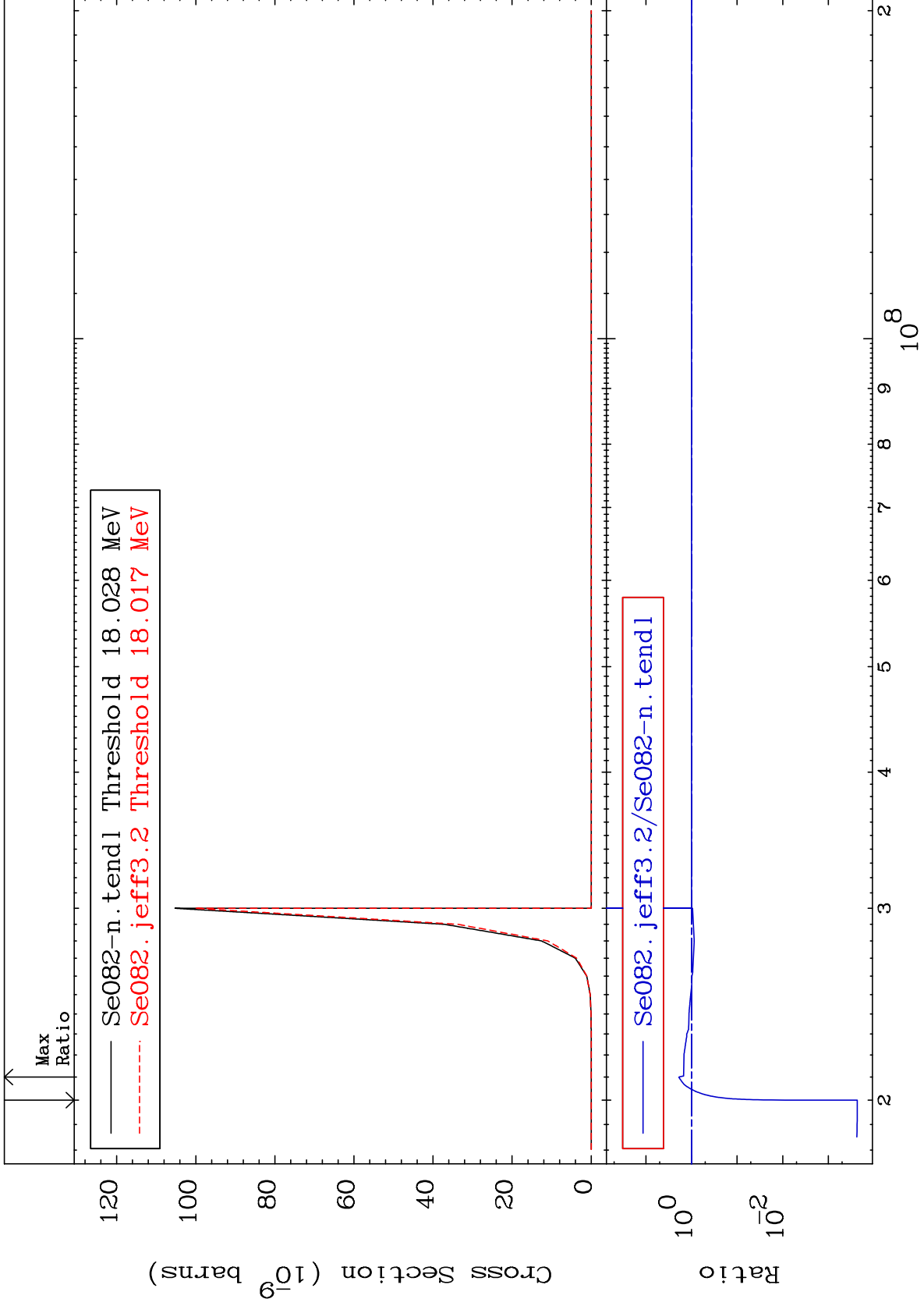


(n, α) : ³²Ge-79g
Radionuclide Production Cross Section -91.82 To 1.769 %



Radionuclide Production Cross Section -78.25 To 0.000 %





Radionuclide Production Cross Section -4.986 To 168.2 %

