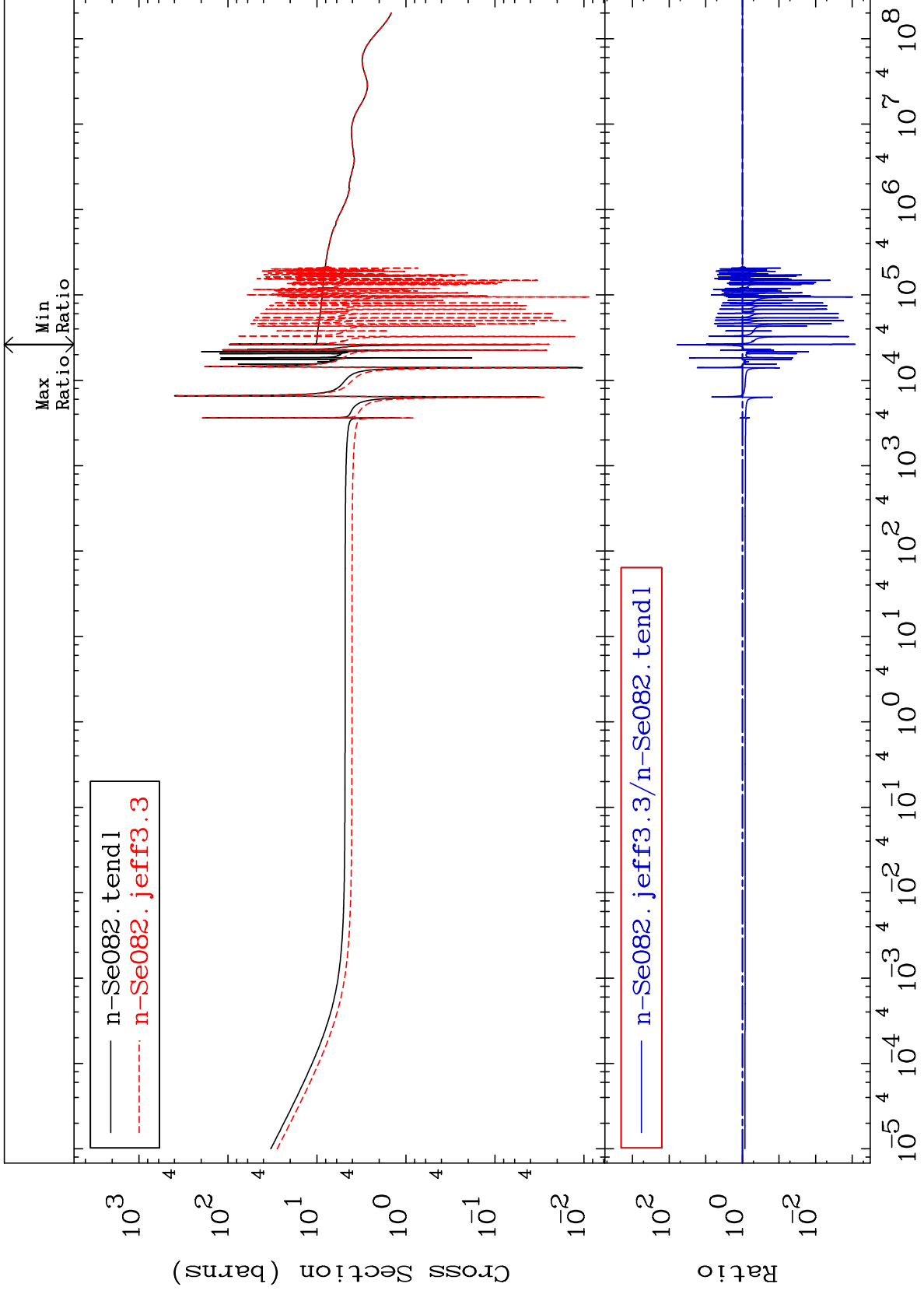


MAT 3449

Total
Cross Section

³⁴Se-82
-99.92 To 6019. %



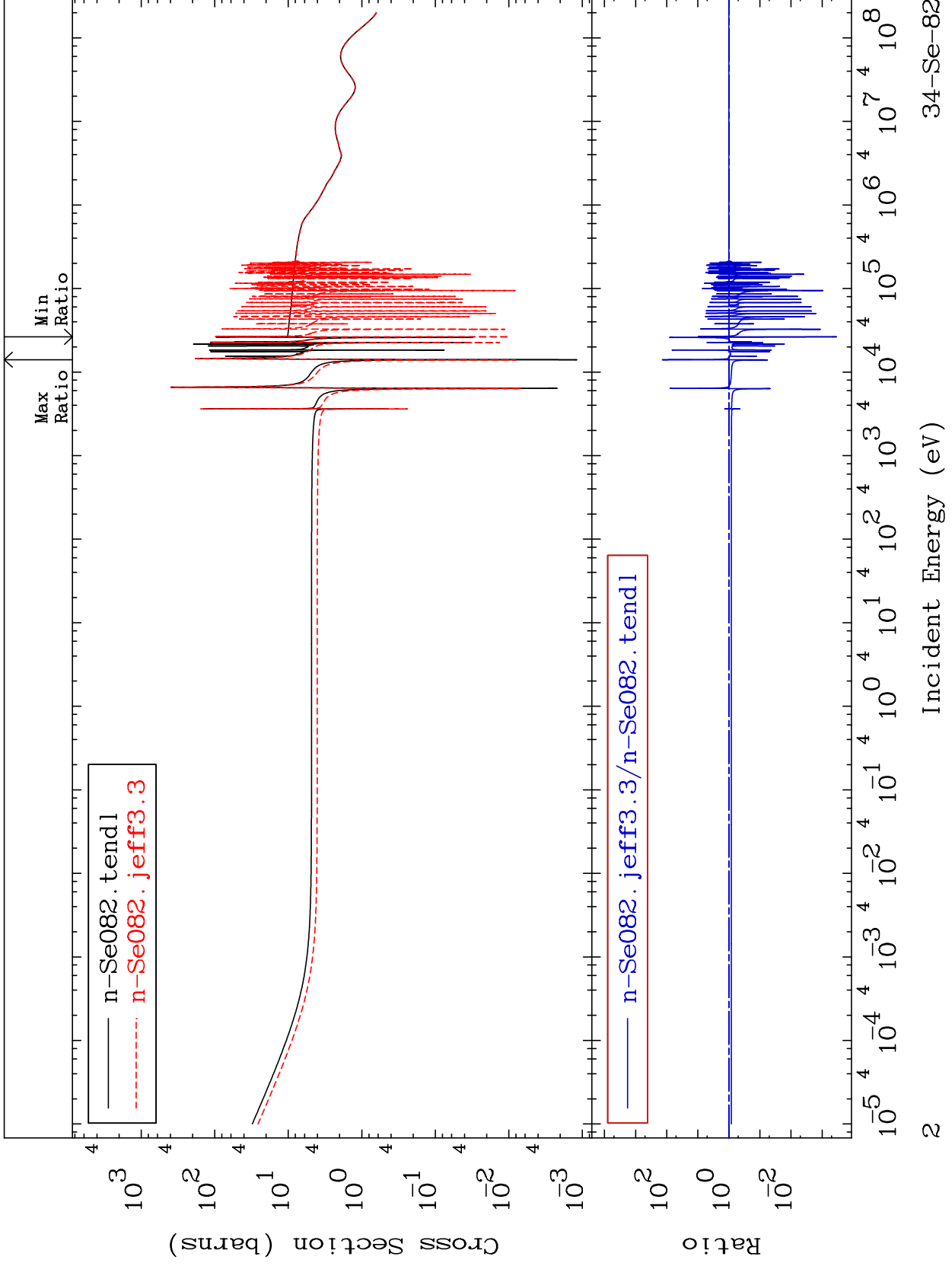
Incident Energy (eV)

³⁴Se-82

MAT 3449

Elastic
Cross Section

34-Se-82
-99.97 To 9999. %

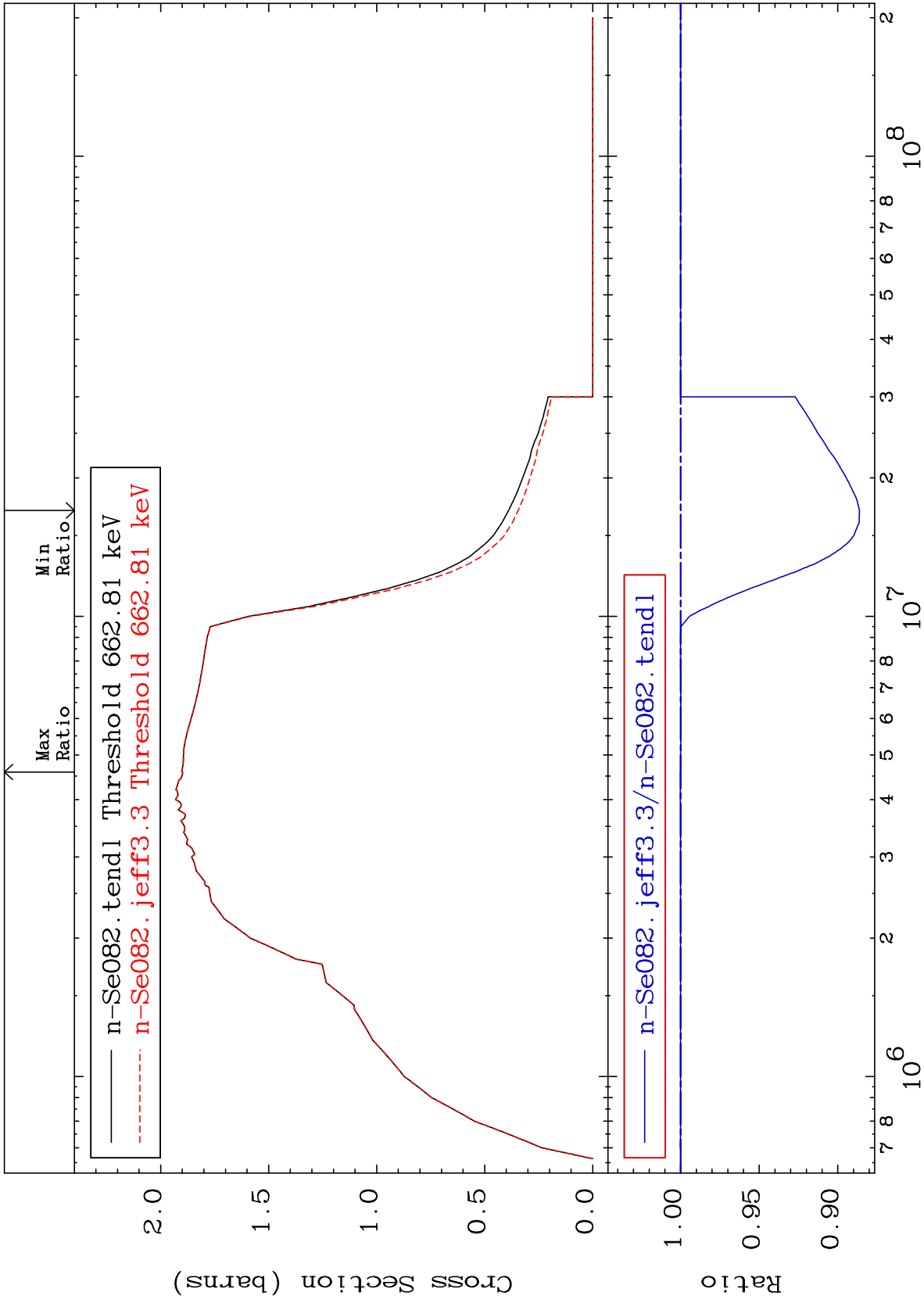


MAT 3449

³⁴Se-82

-11.37 To 0.016 %

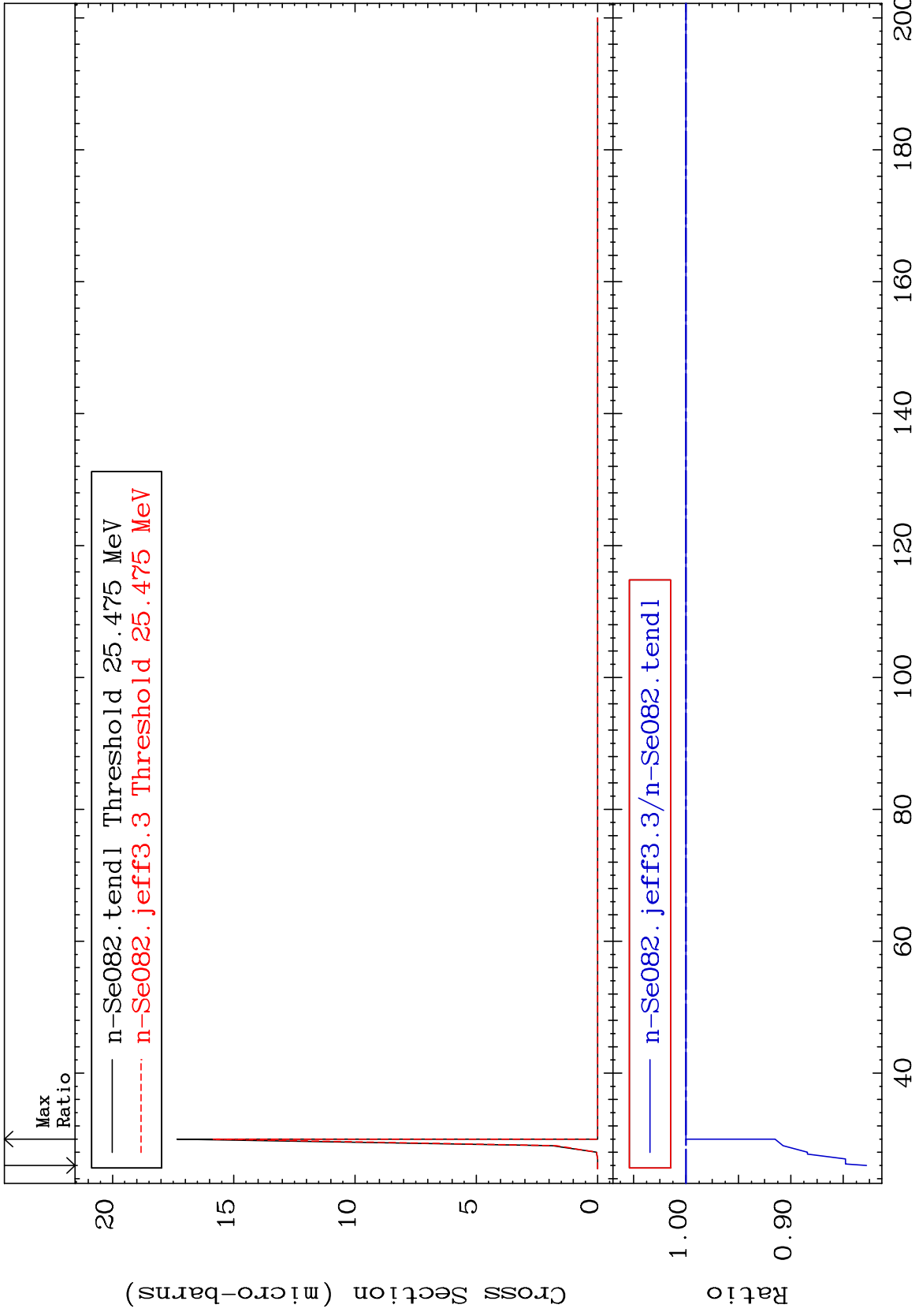
Inelastic
Cross Section



MAT 3449

(n,2n) d
Cross Section

³⁴Se-82
-17.22 To 0.000 %



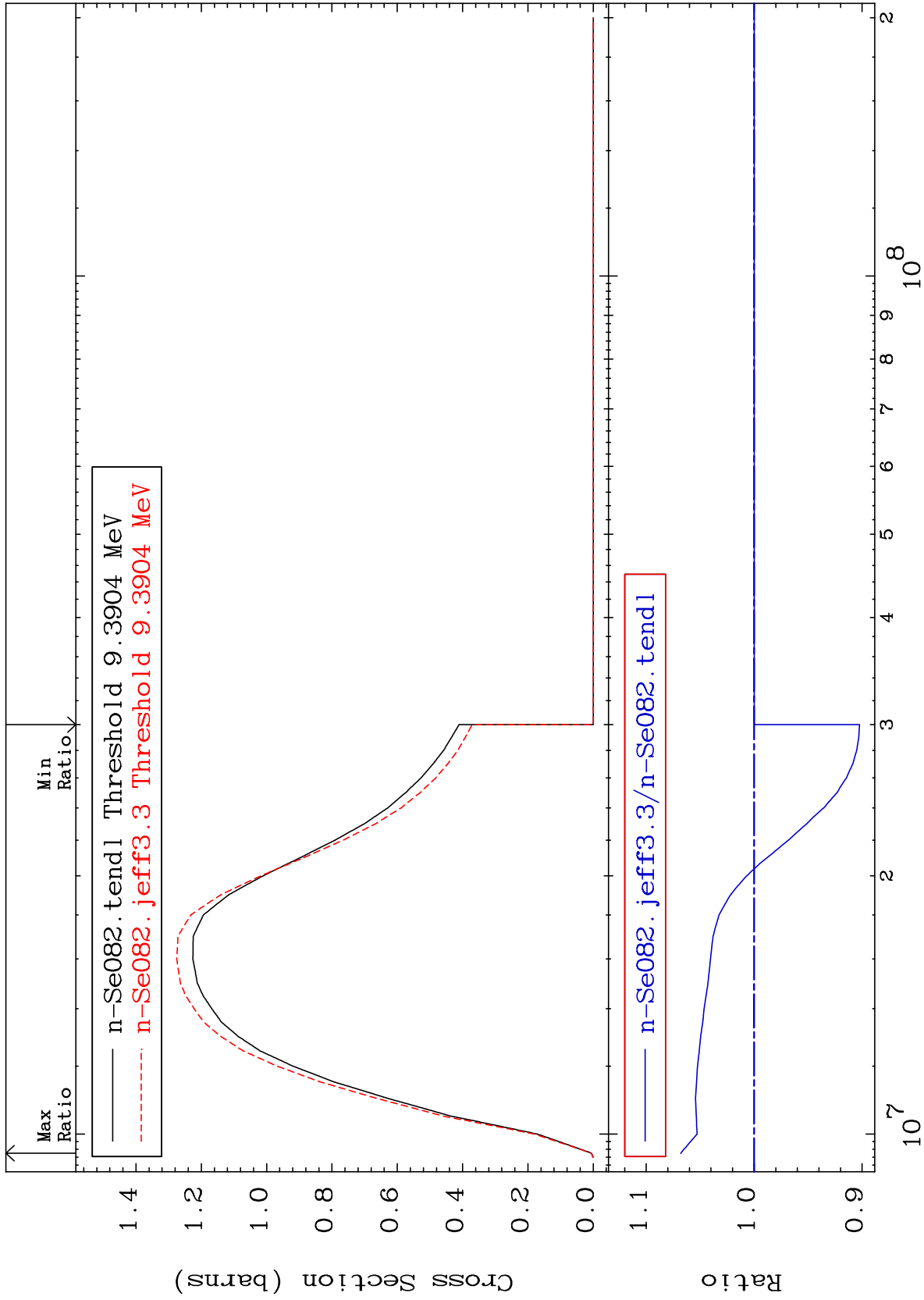
MAT 3449

(n,2n)

³⁴Se-82

Cross Section

-9.763 To 6.800 %



Incident Energy (eV)

³⁴Se-82

MAT 3449

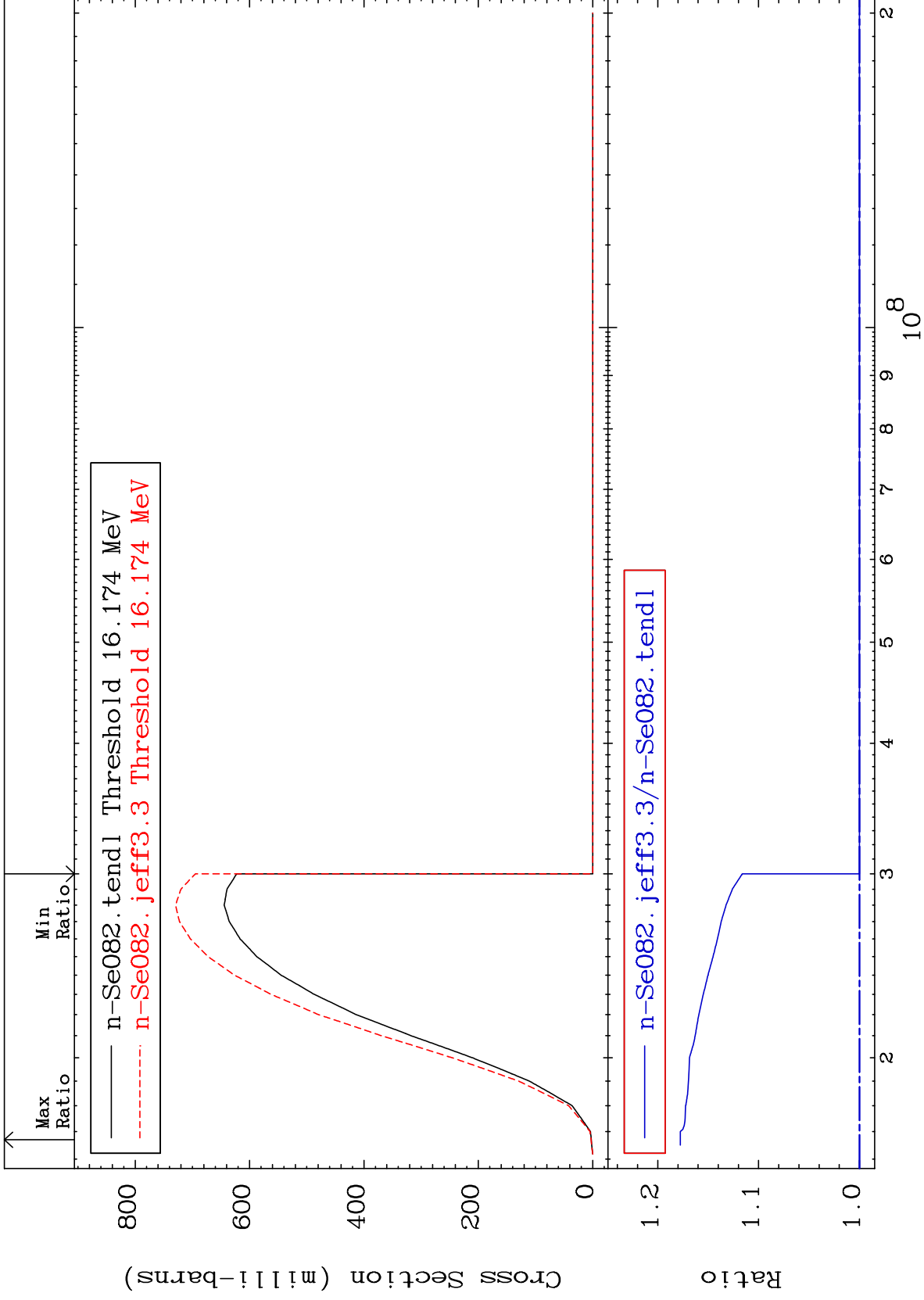
(n,3n)

³⁴Se-82

Cross Section

0.000

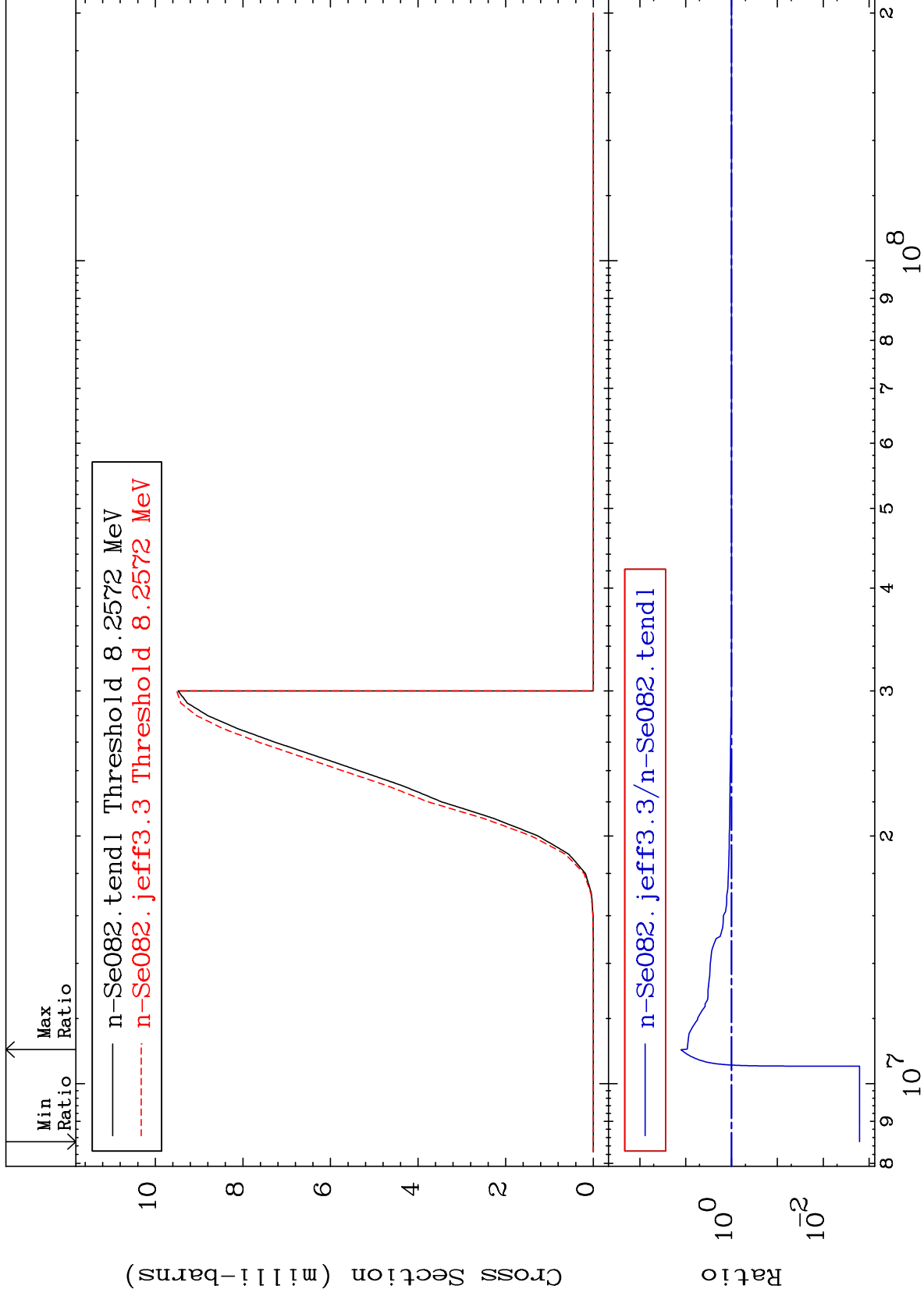
To 17.76 %



MAT 3449

(n, n') α
Cross Section

$^{34}\text{Se-82}$
-99.84 To 1186. %



7

Incident Energy (eV)

$^{34}\text{Se-82}$

MAT 3449

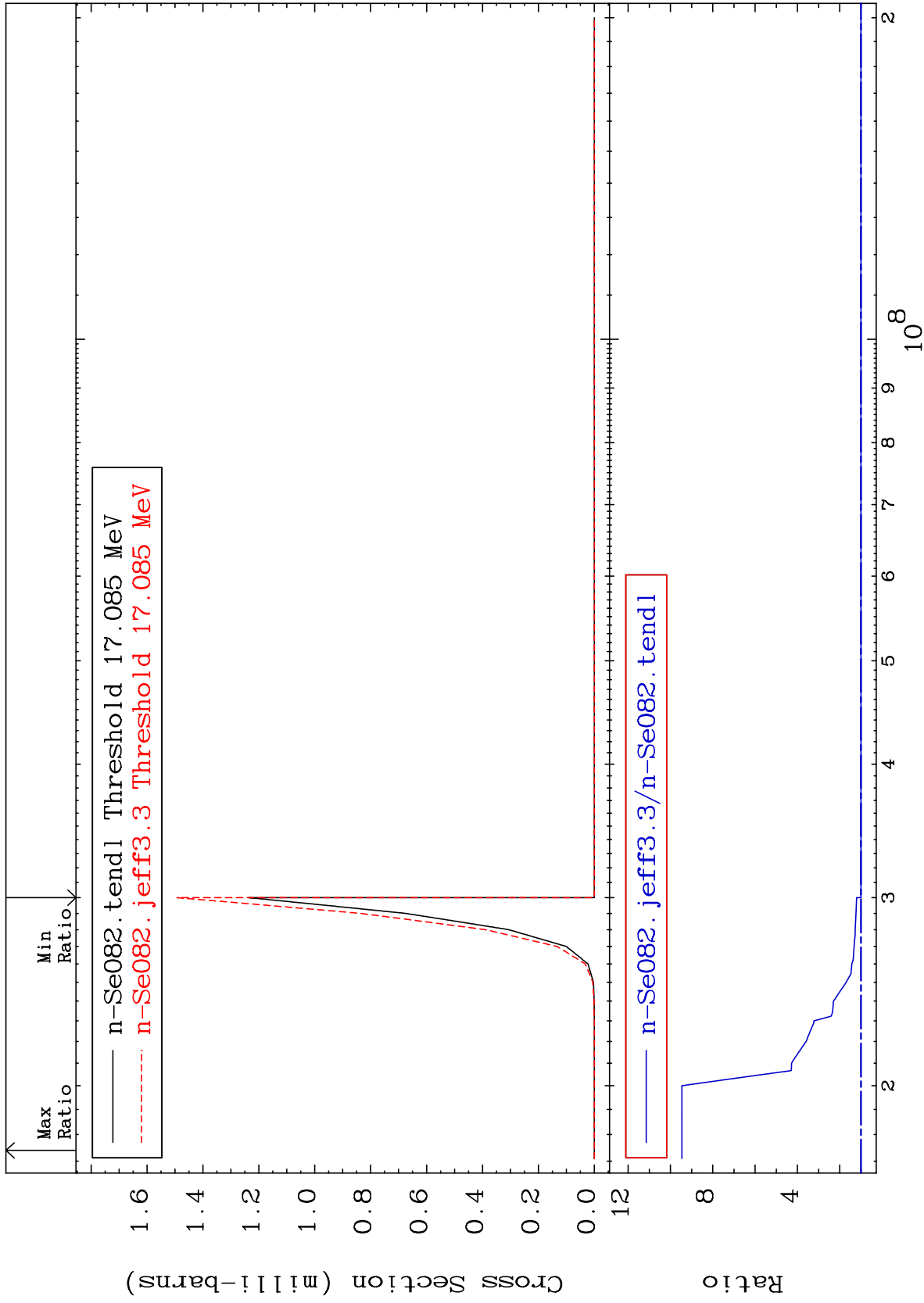
(n,2n) α

³⁴Se-82

Cross Section

0.000

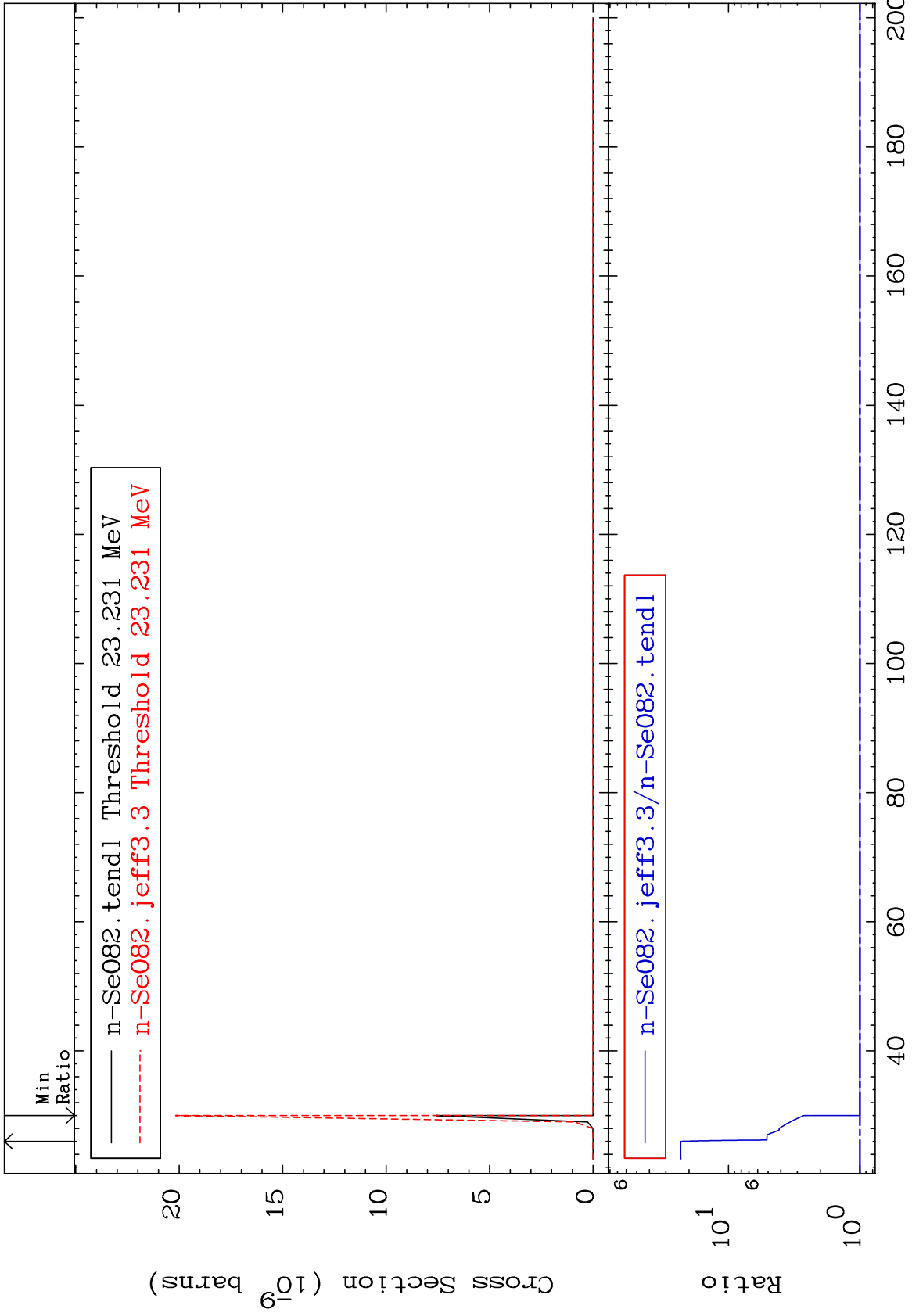
To 845.8 %



MAT 3449

(n,3n) α
Cross Section

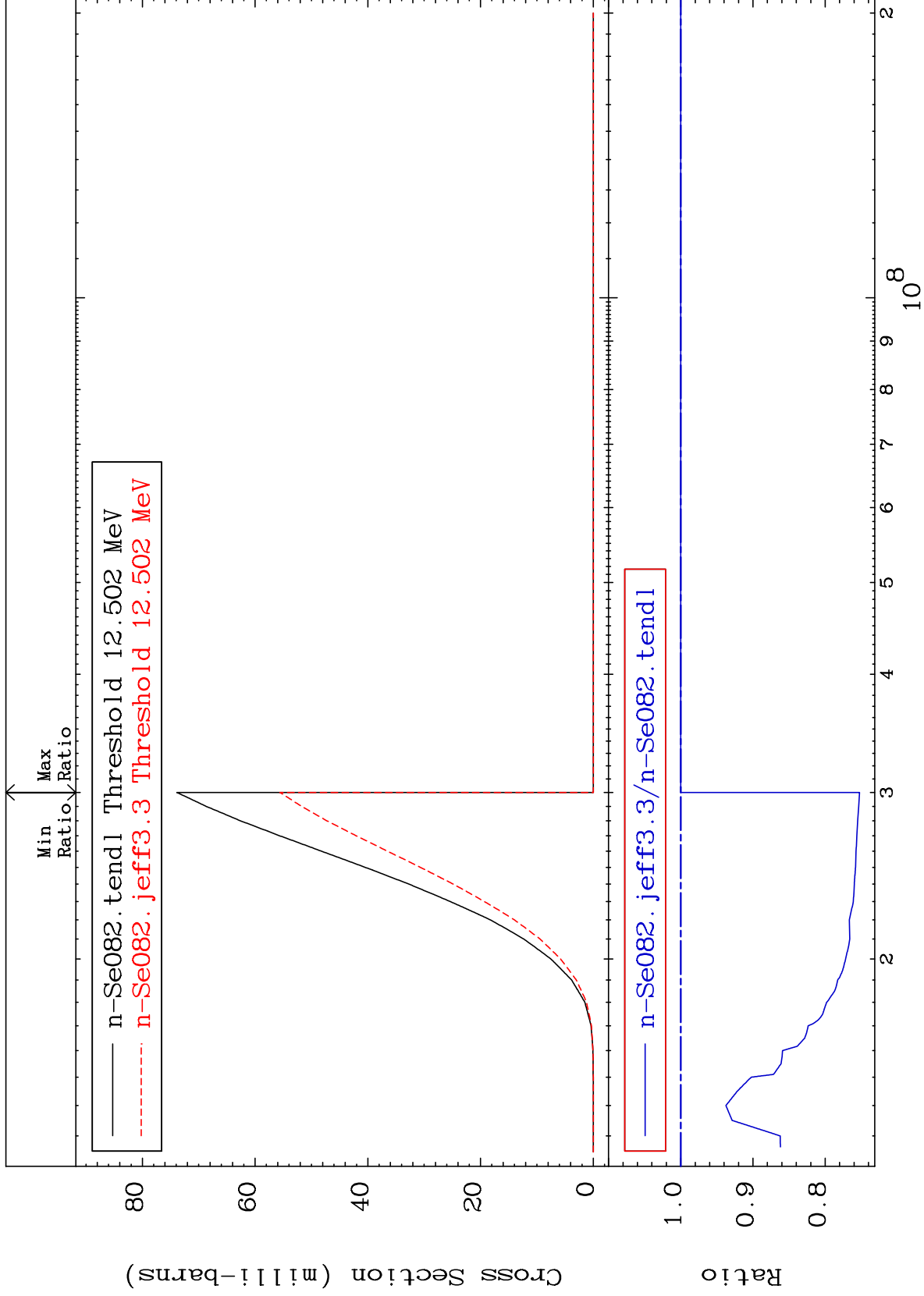
³⁴Se-82
To 2211. %
0.000



MAT 3449

(n,n') p
Cross Section

³⁴Se-82
-24.76 To 0.000 %



10

Incident Energy (eV)

³⁴Se-82

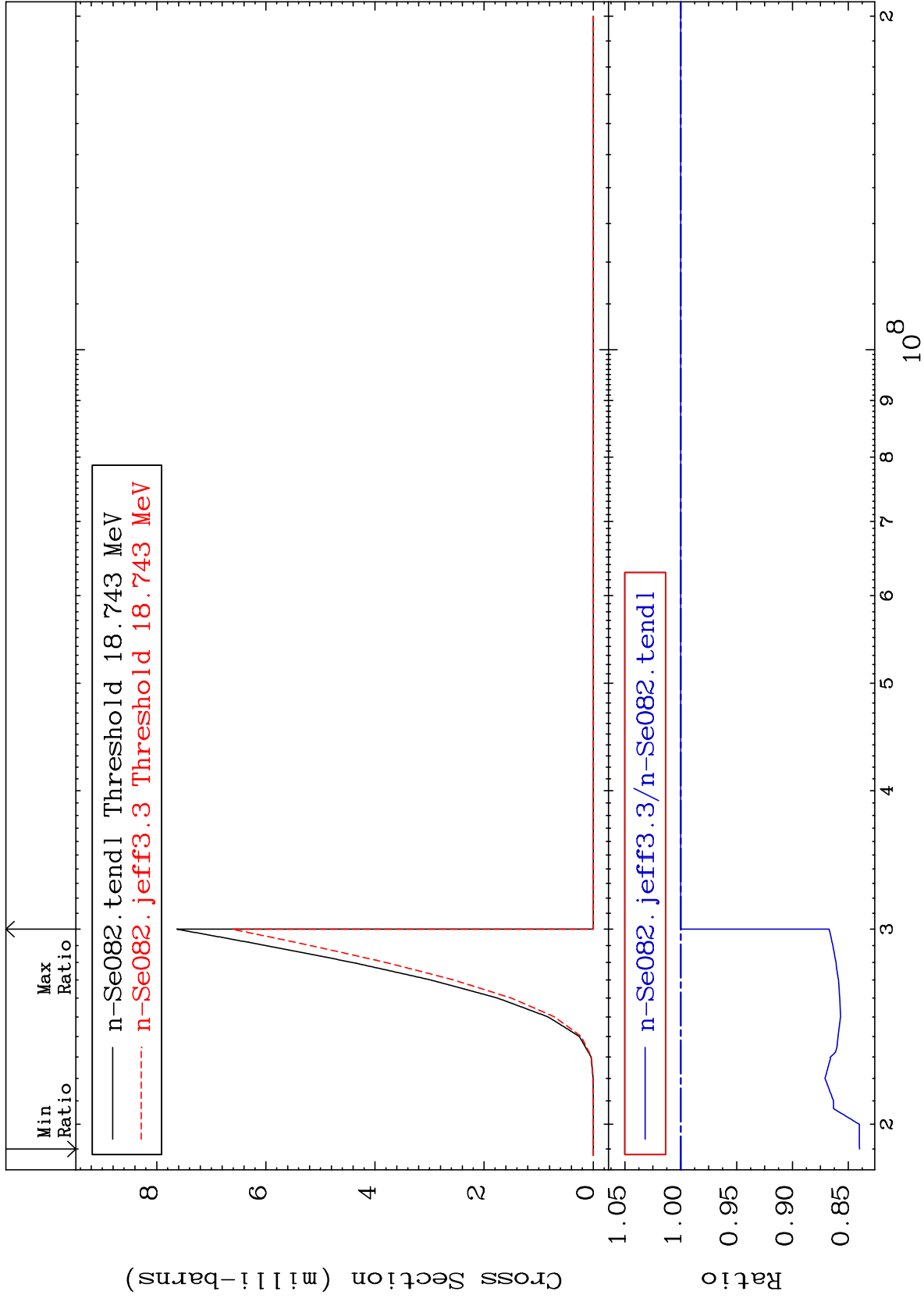
MAT 3449

(n,n') d

³⁴Se-82

Cross Section

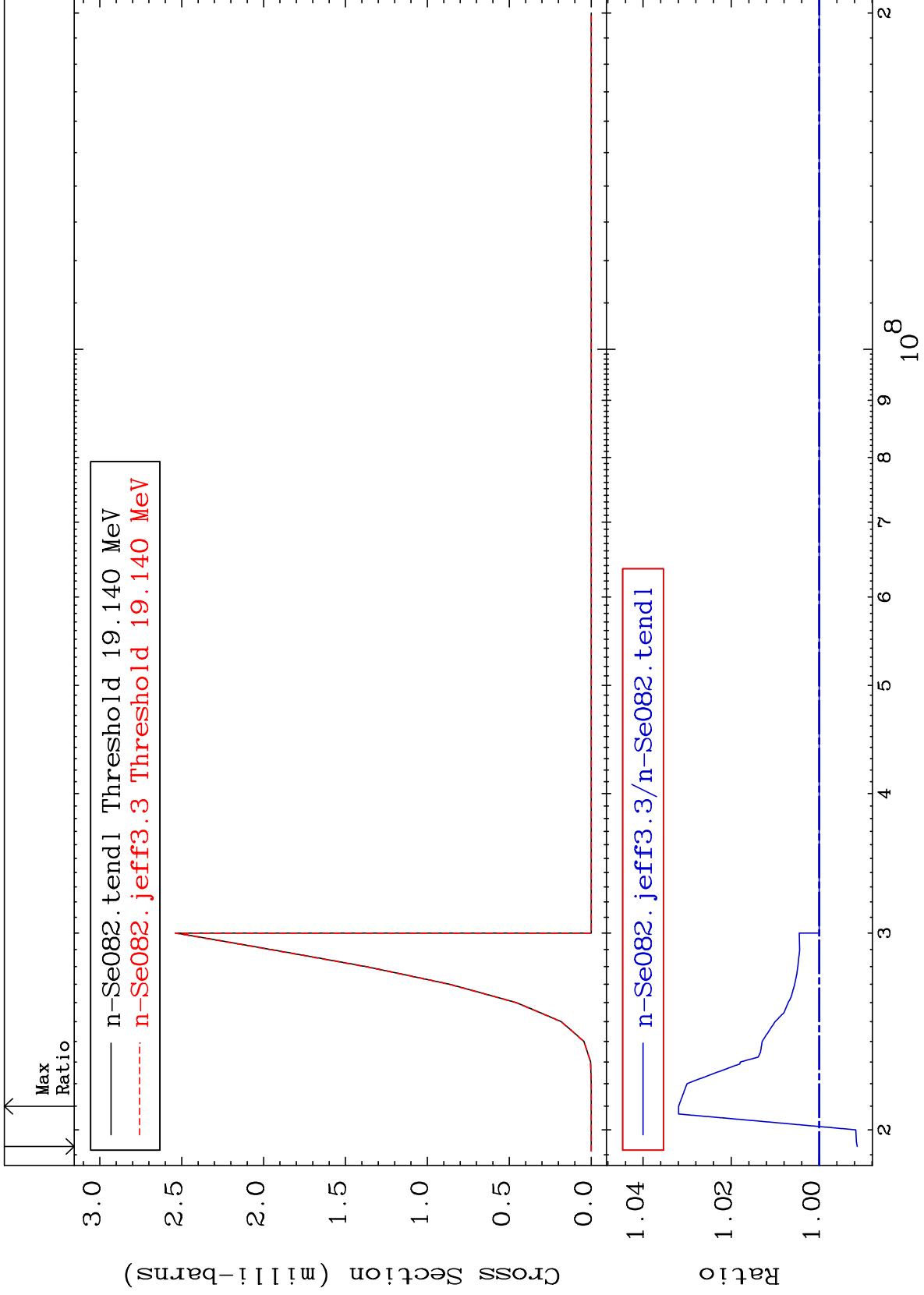
-16.00 To 0.000 %



MAT 3449

(n,n') t
Cross Section

³⁴Se-82
-0.863 To 3.193 %



12

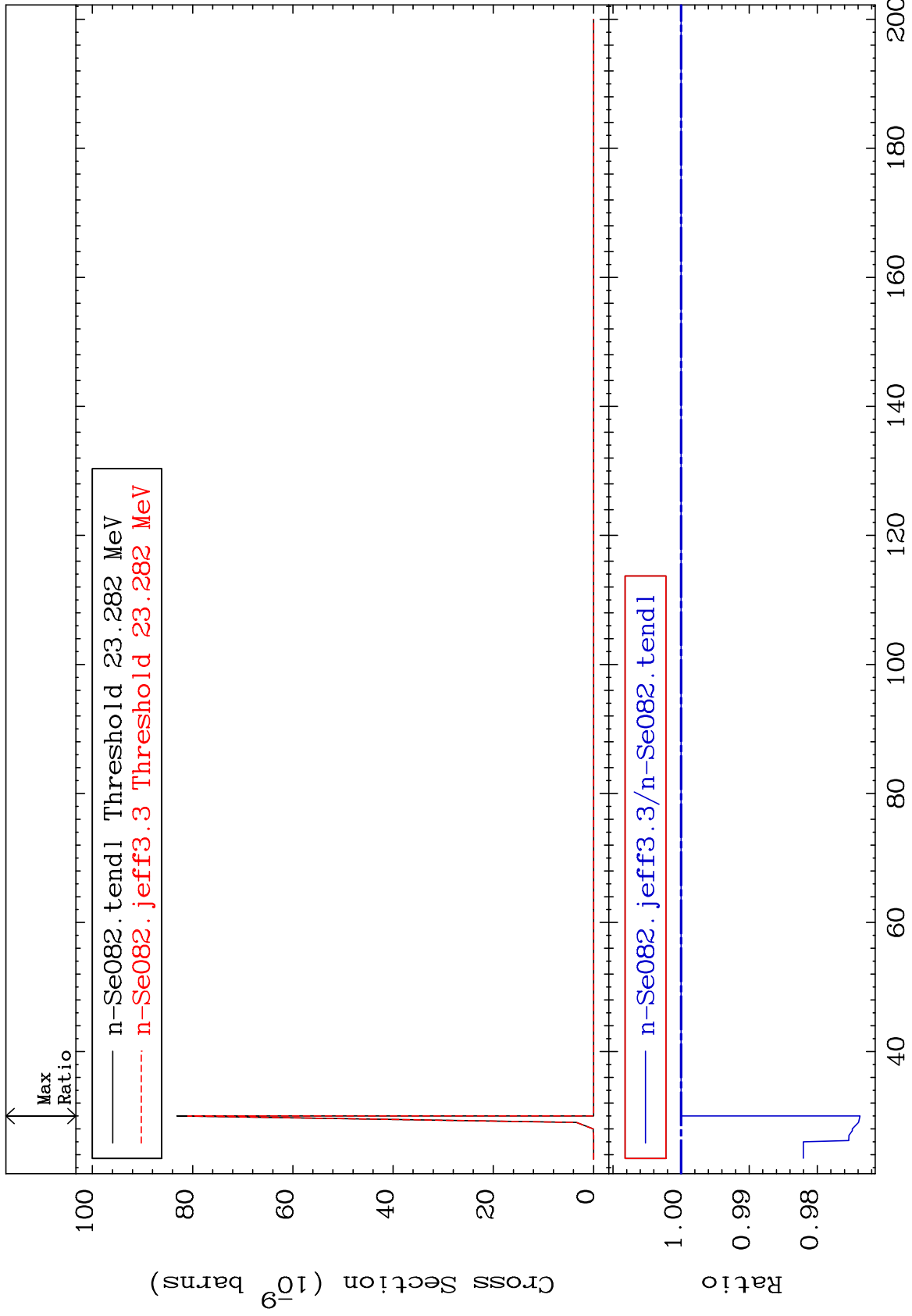
Incident Energy (eV)

³⁴Se-82

MAT 3449

(n, n') He-3
Cross Section

³⁴Se-82
-2.628 To 0.000 %



MAT 3449

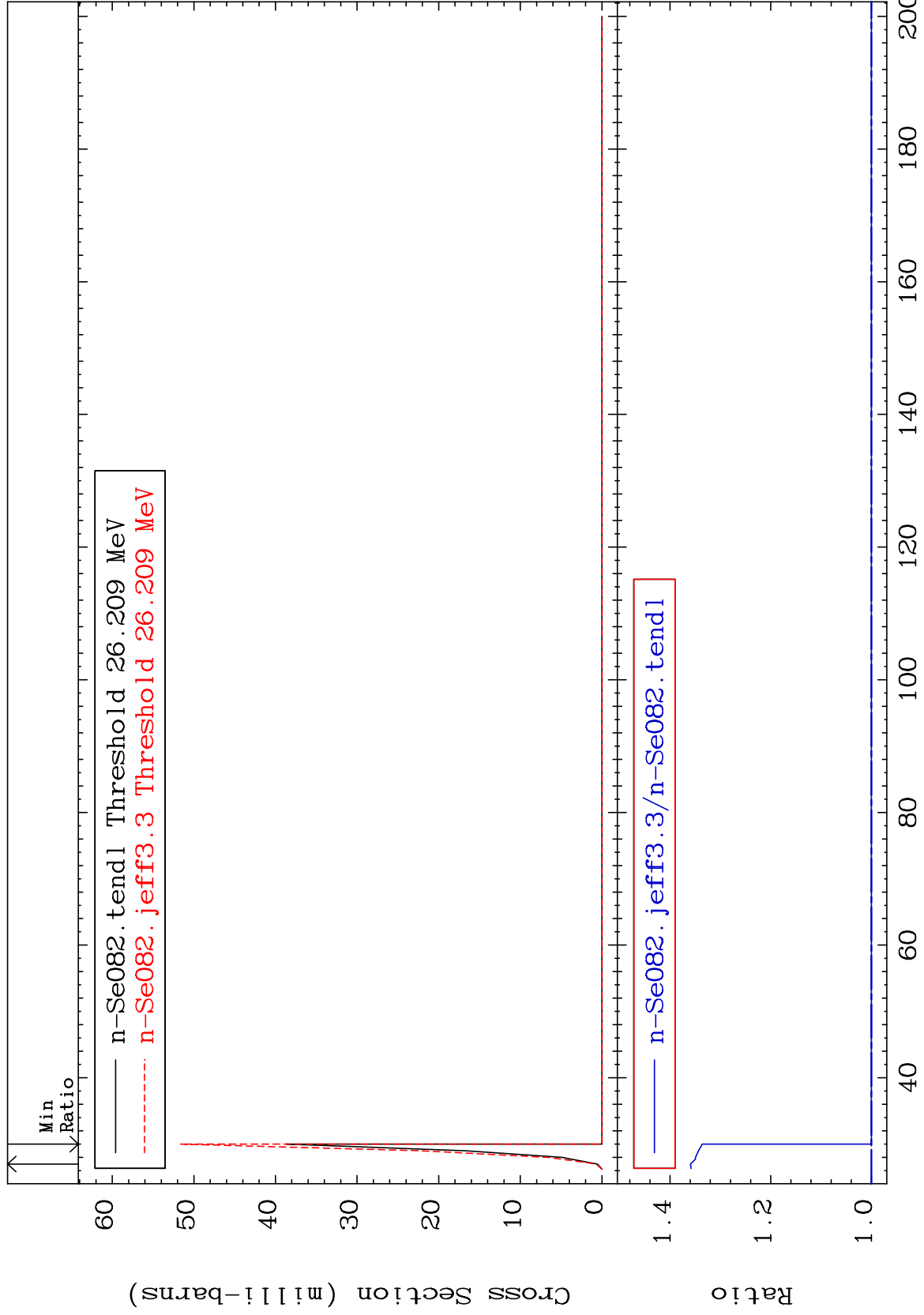
(n,4n)

³⁴Se-82

Cross Section

0.000

To 35.94 %



14

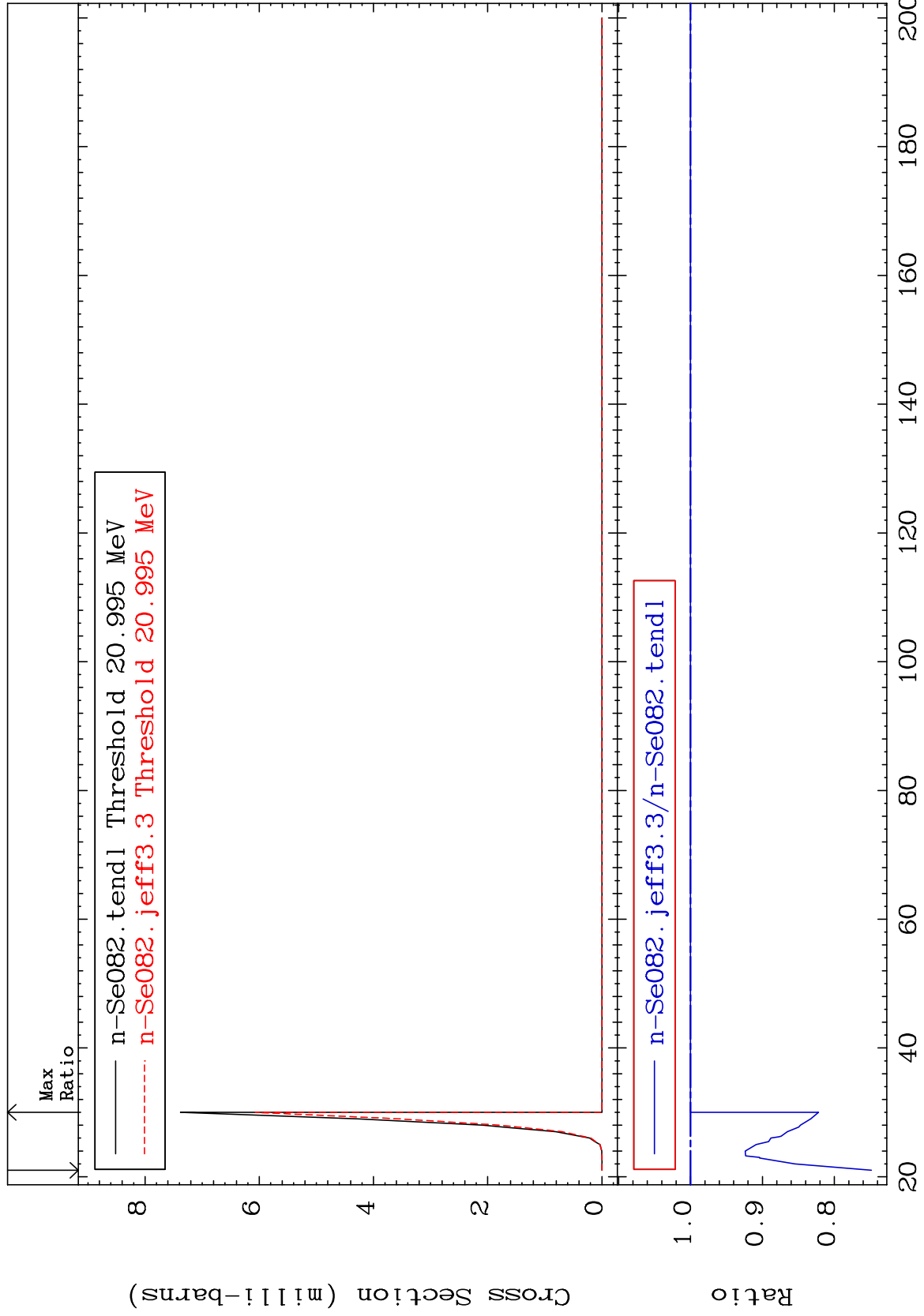
Incident Energy (MeV)

³⁴Se-82

MAT 3449

(n,2n) p
Cross Section

³⁴Se-82
-25.14 To 0.000 %



15

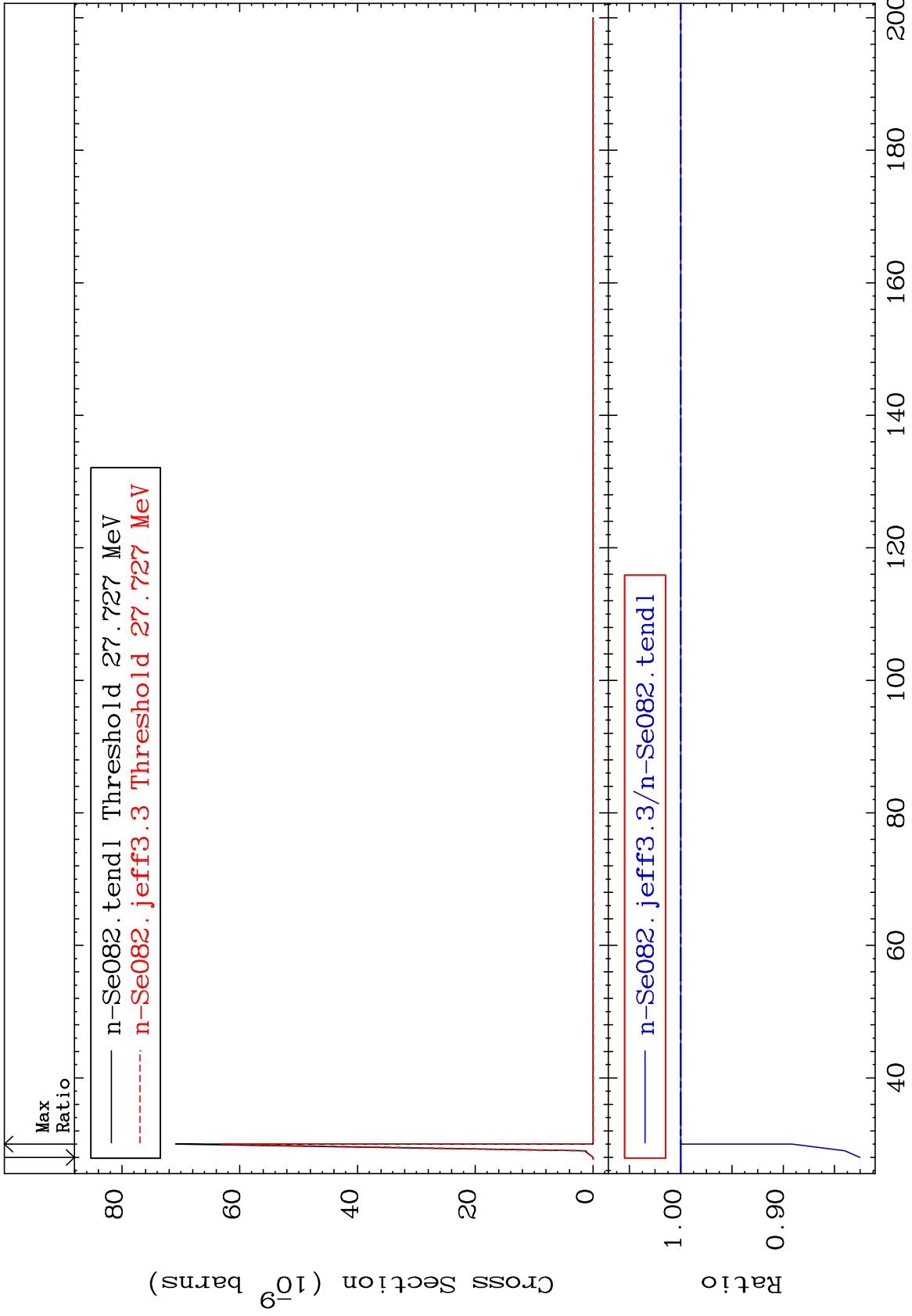
Incident Energy (MeV)

³⁴Se-82

MAT 3449

(n,3n) p
Cross Section

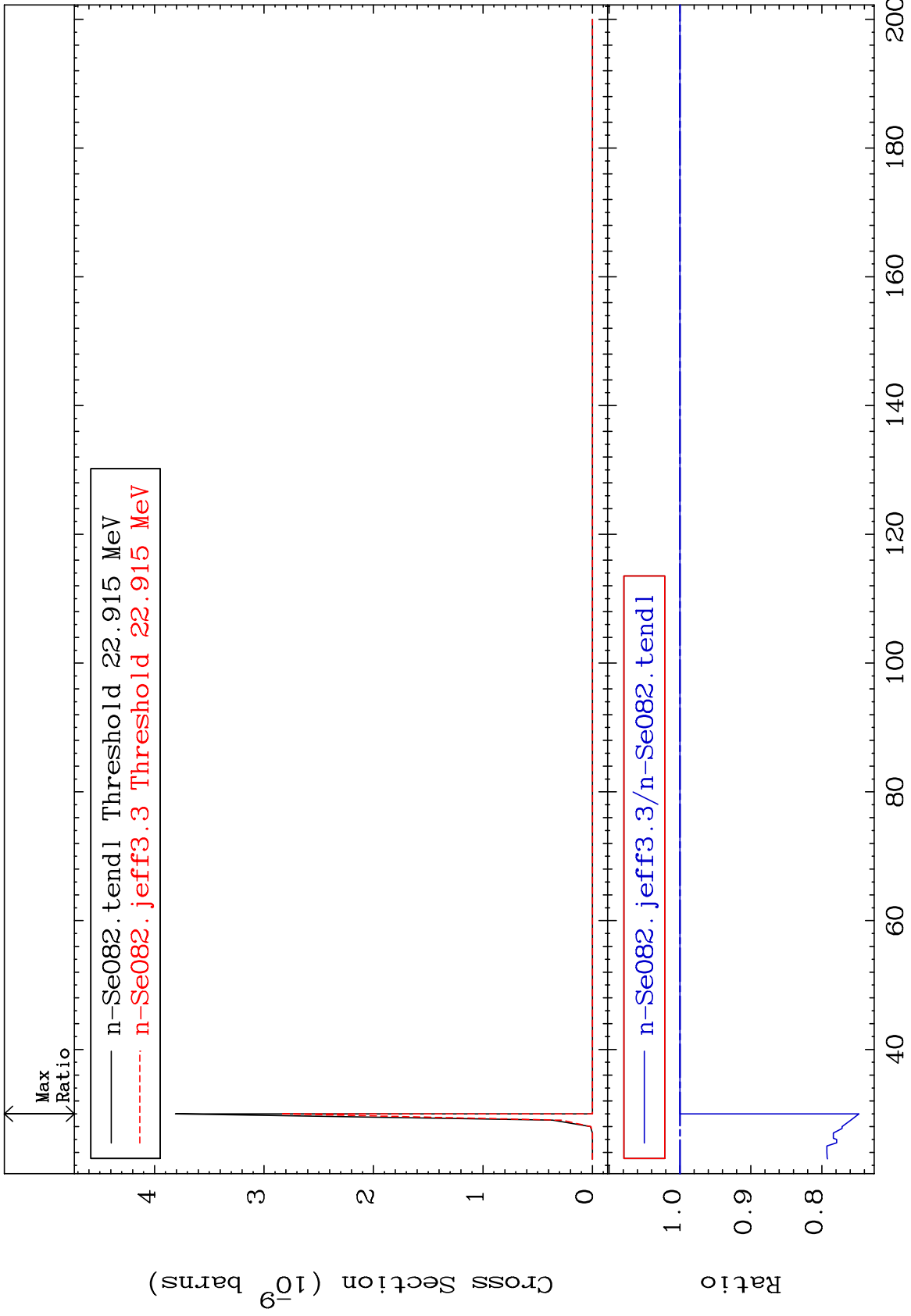
³⁴Se-82
-17.47 To 0.000 %



MAT 3449

(n,2n) p
Cross Section

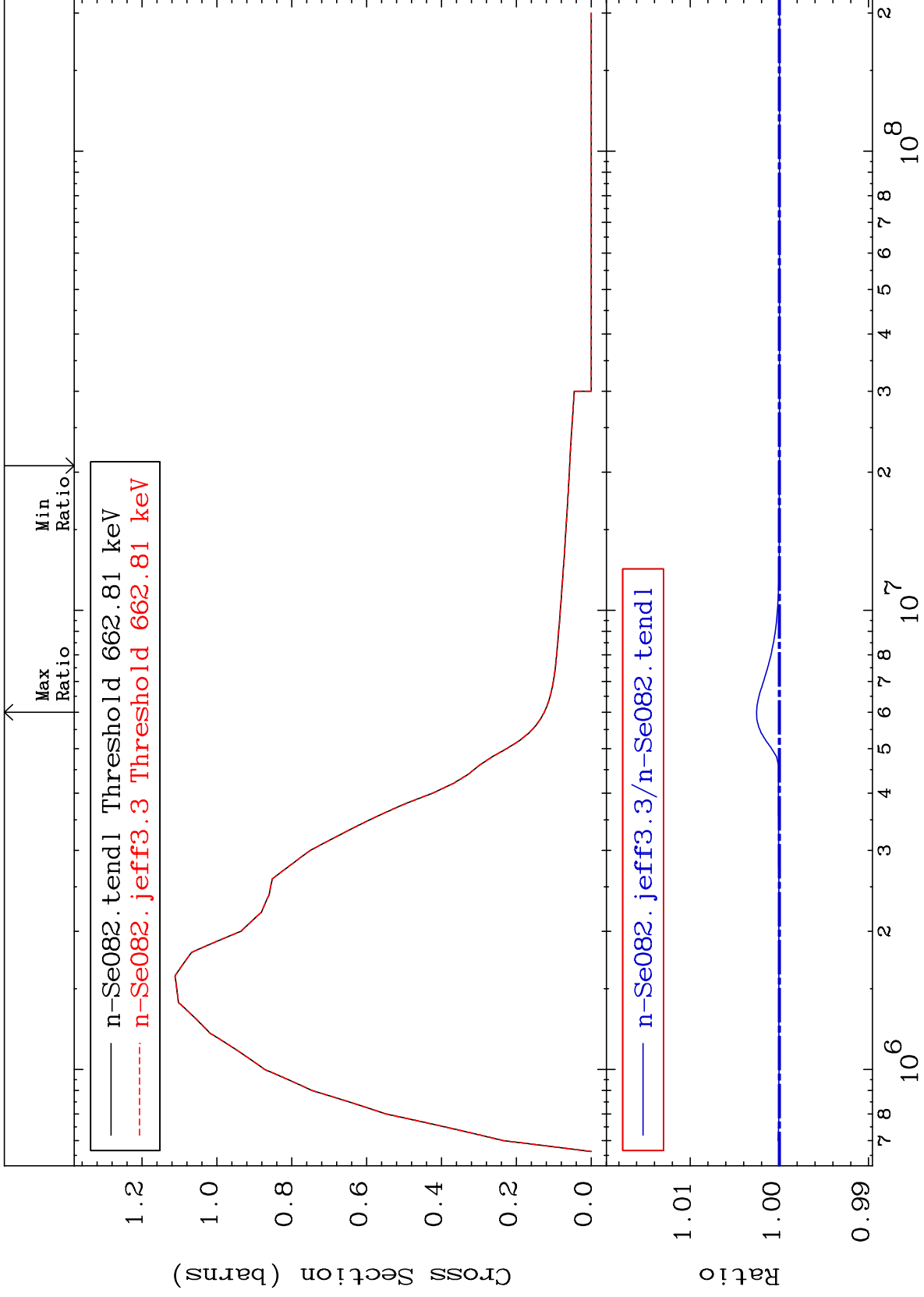
³⁴Se-82
-25.24 To 0.000 %



MAT 3449

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

34-Se-82
0.000 To 0.256 %



18

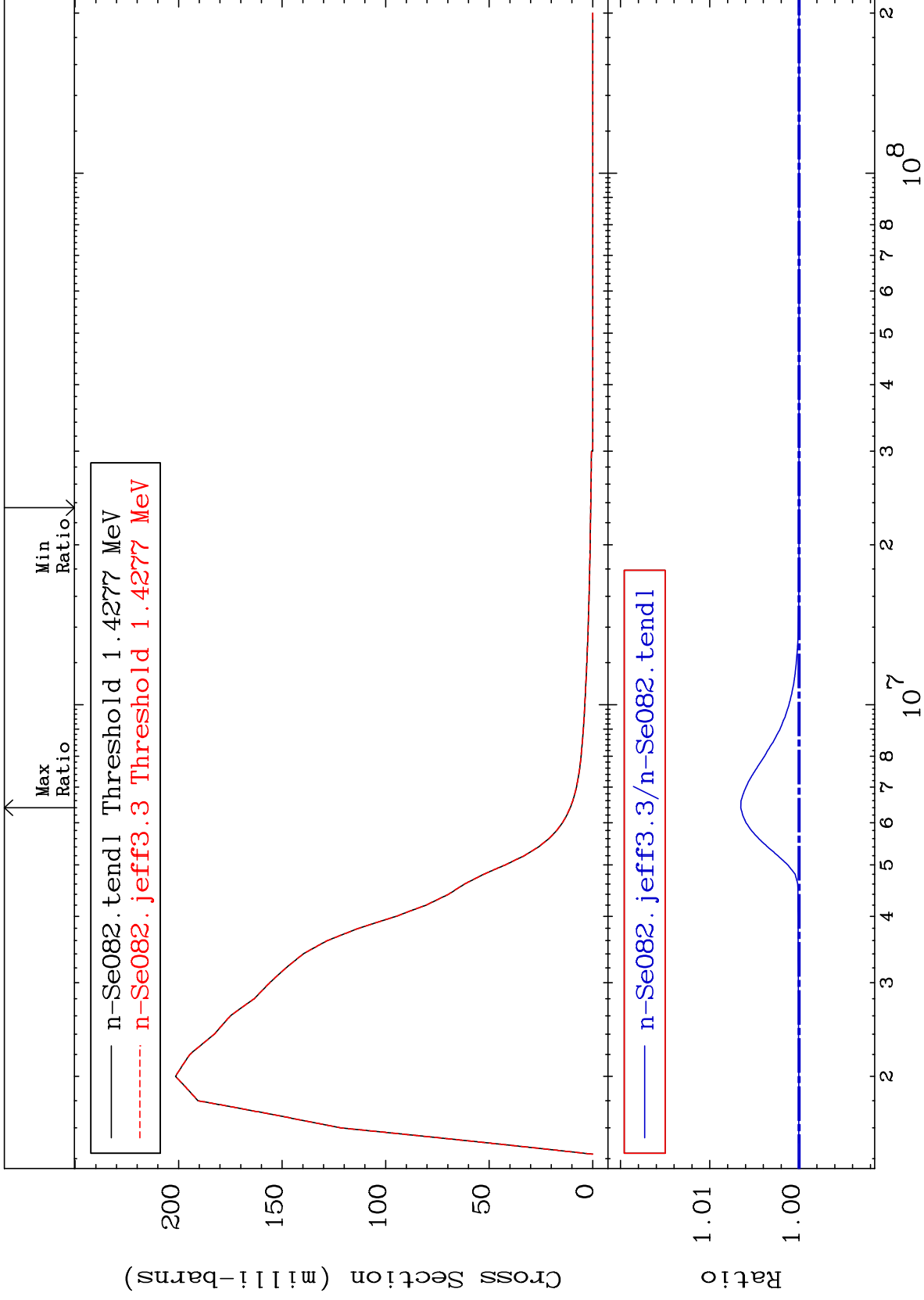
Incident Energy (eV)

34-Se-82

MAT 3449

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

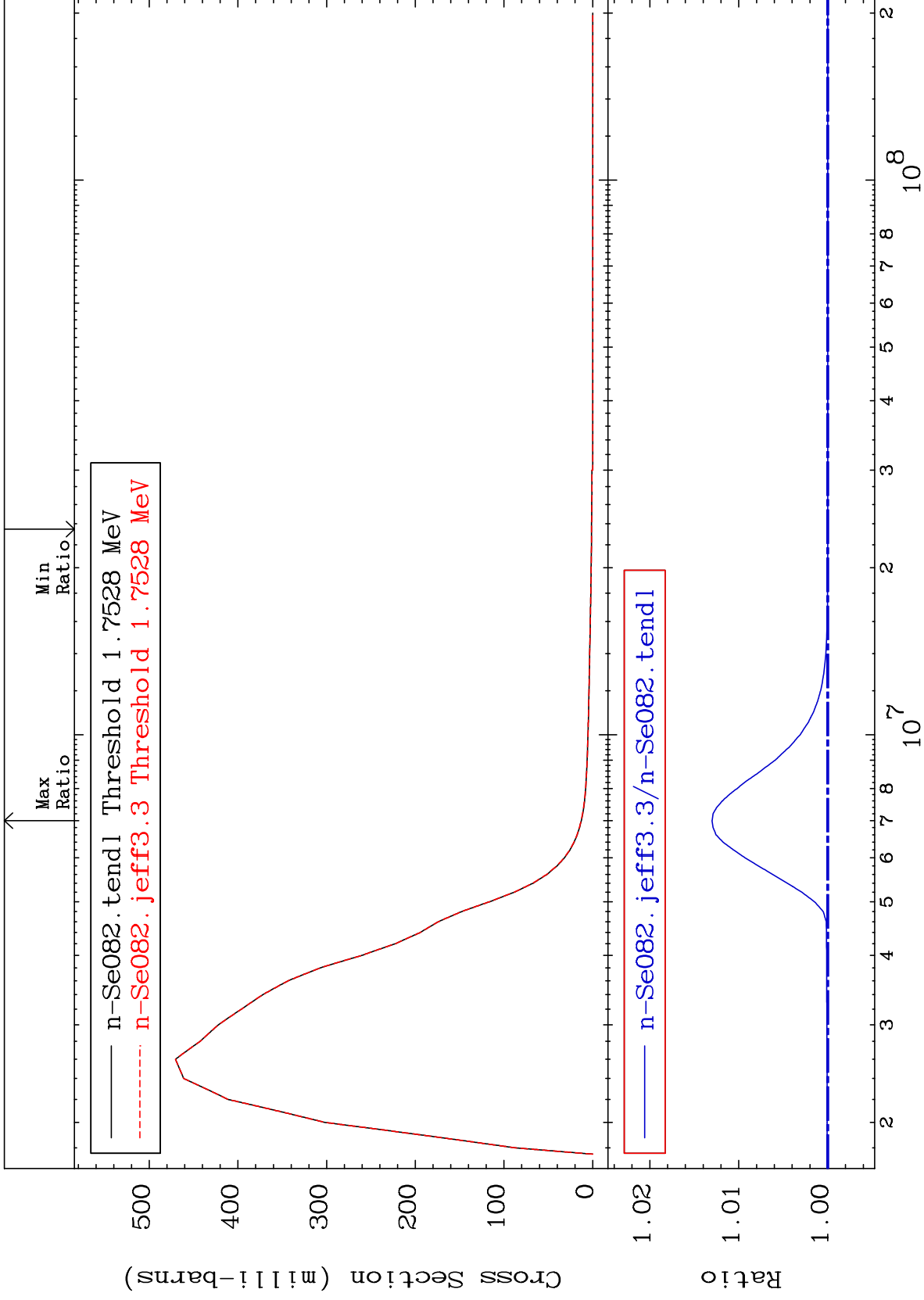
34-Se-82
0.000 To 0.653 %



MAT 3449

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

34-Se-82
To 1.300 %



20

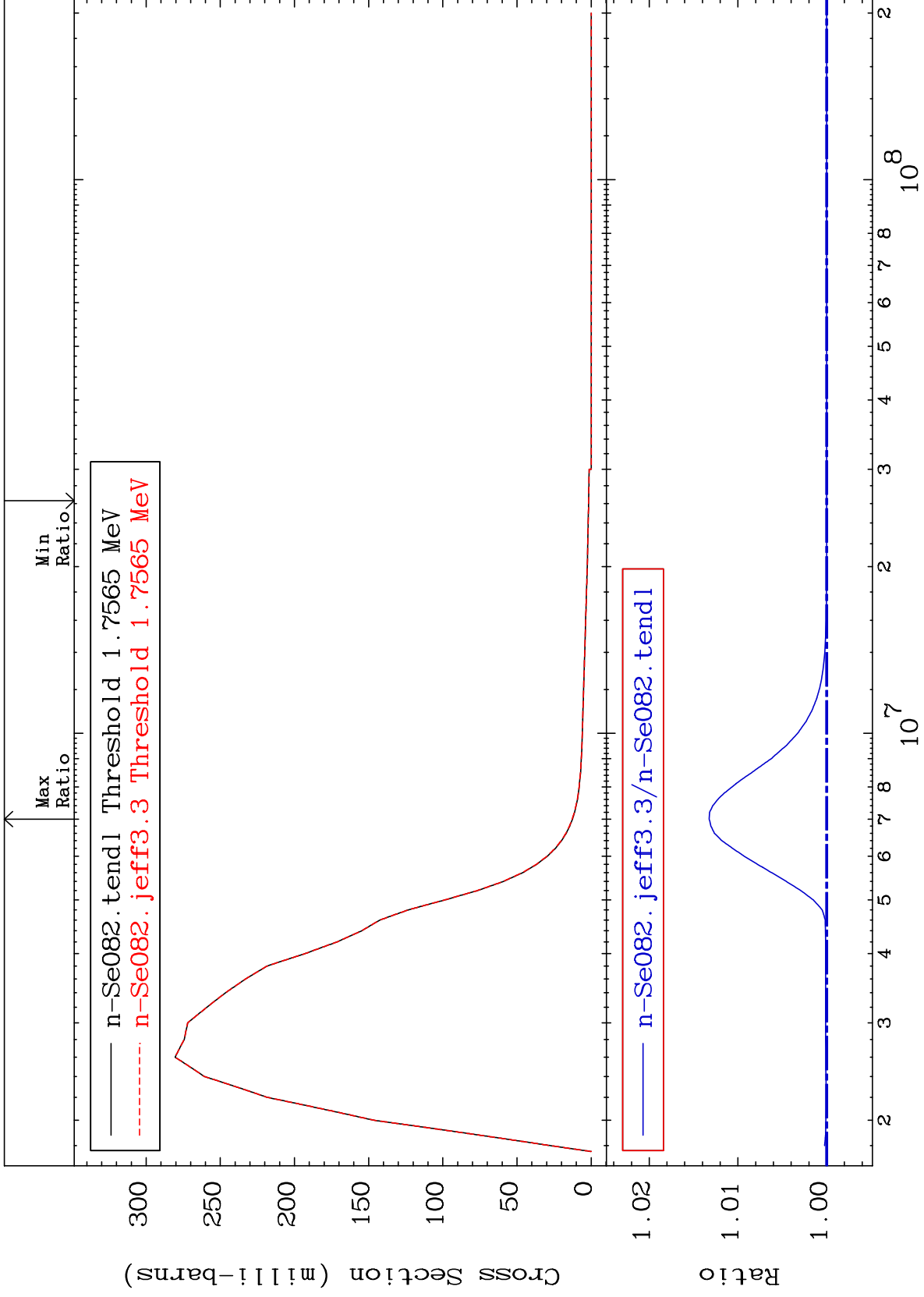
Incident Energy (eV)

34-Se-82

MAT 3449

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

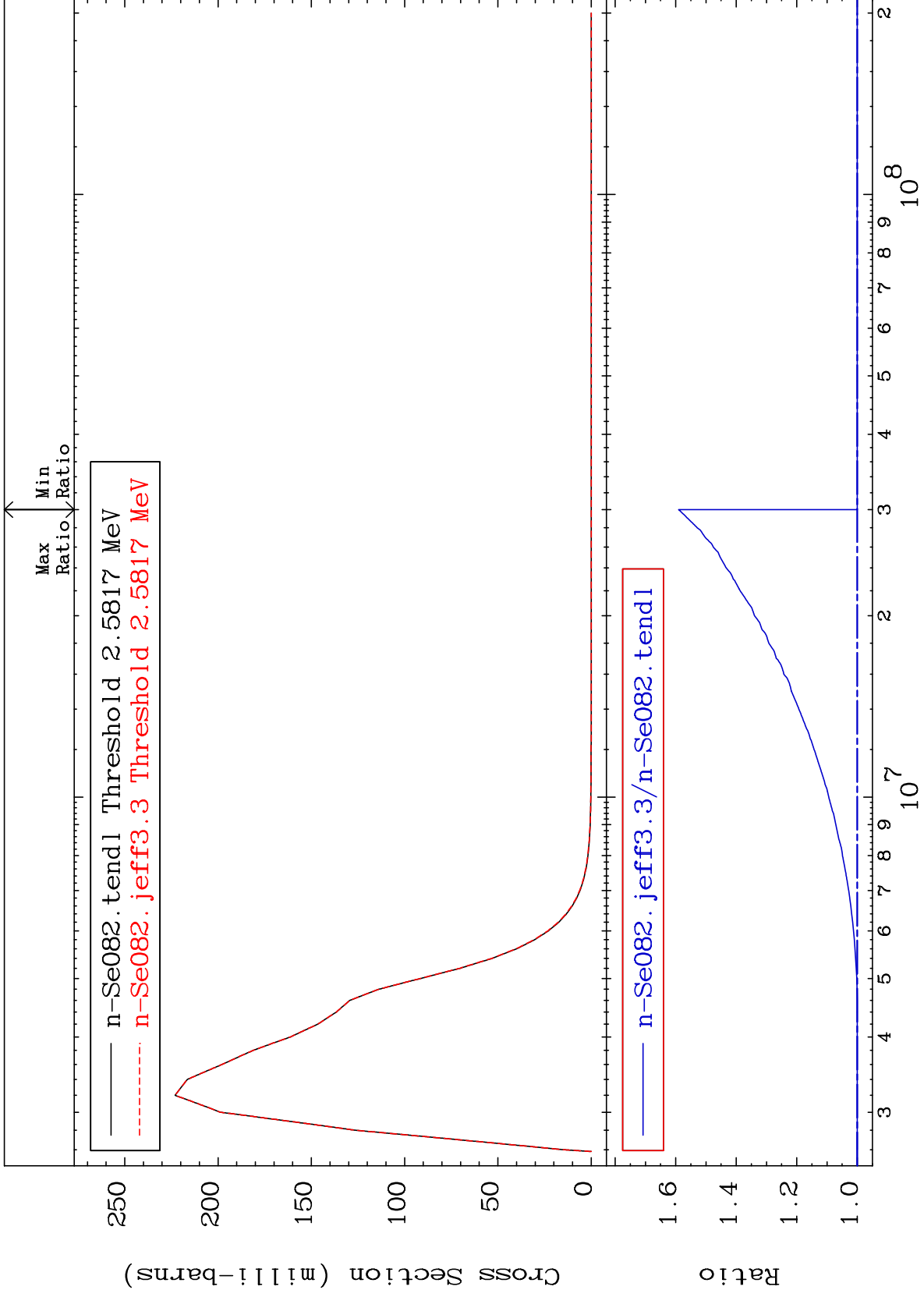
34-Se-82
To 1.324 %



MAT 3449

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

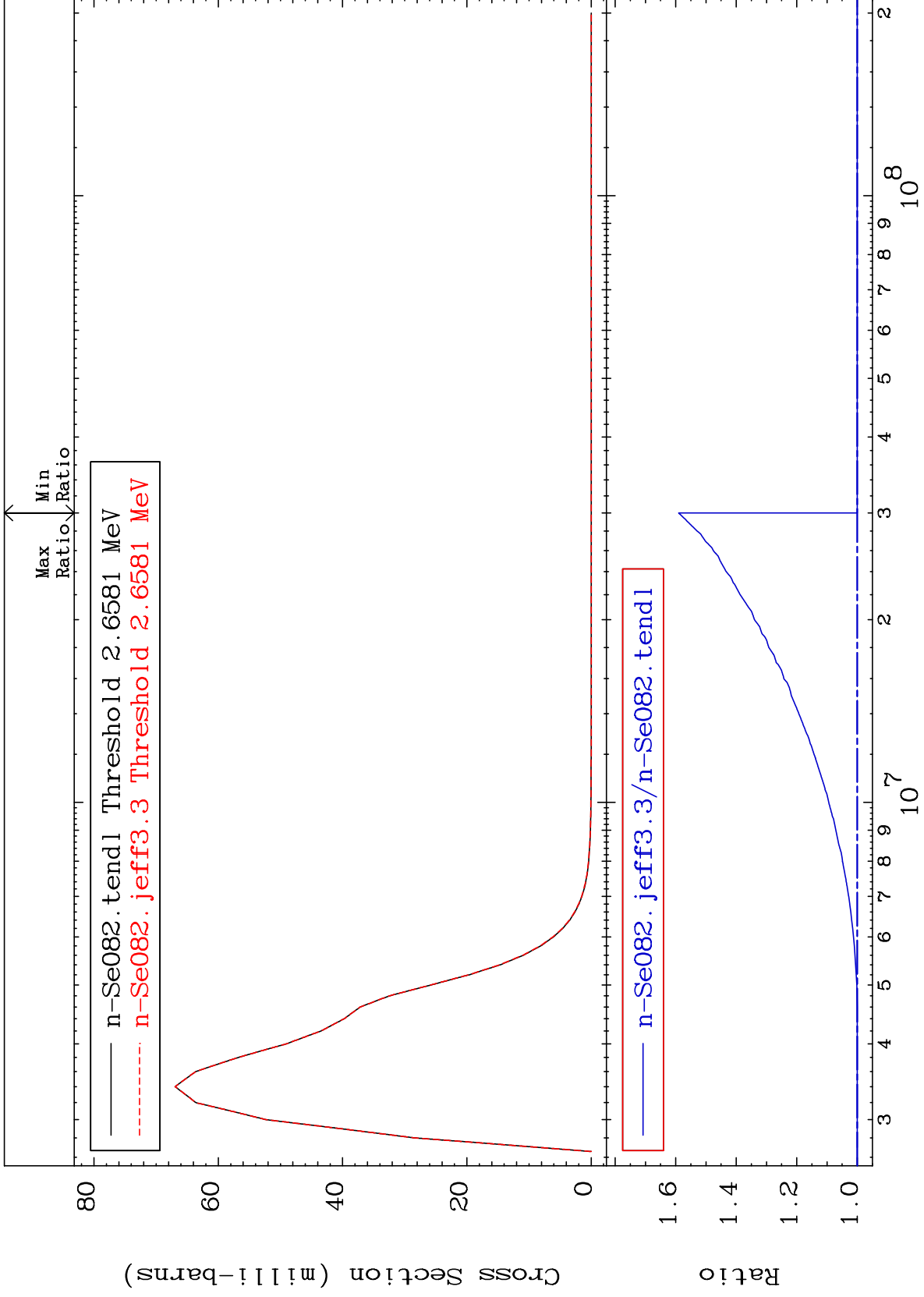
34-Se-82
0.000 To 59.03 %



MAT 3449

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

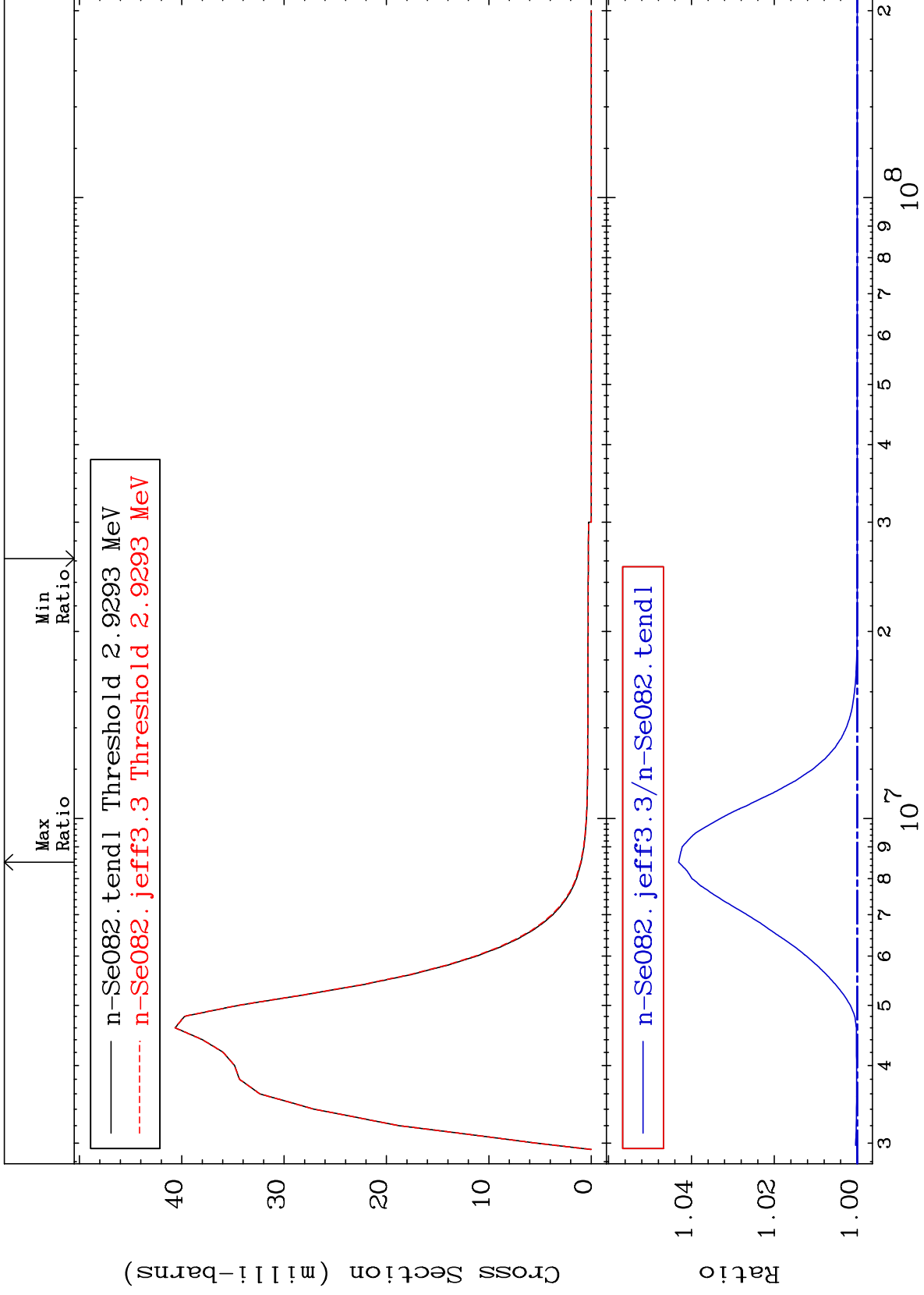
34-Se-82
To 59.03 %



MAT 3449

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

34-Se-82
0.000 To 4.310 %



24

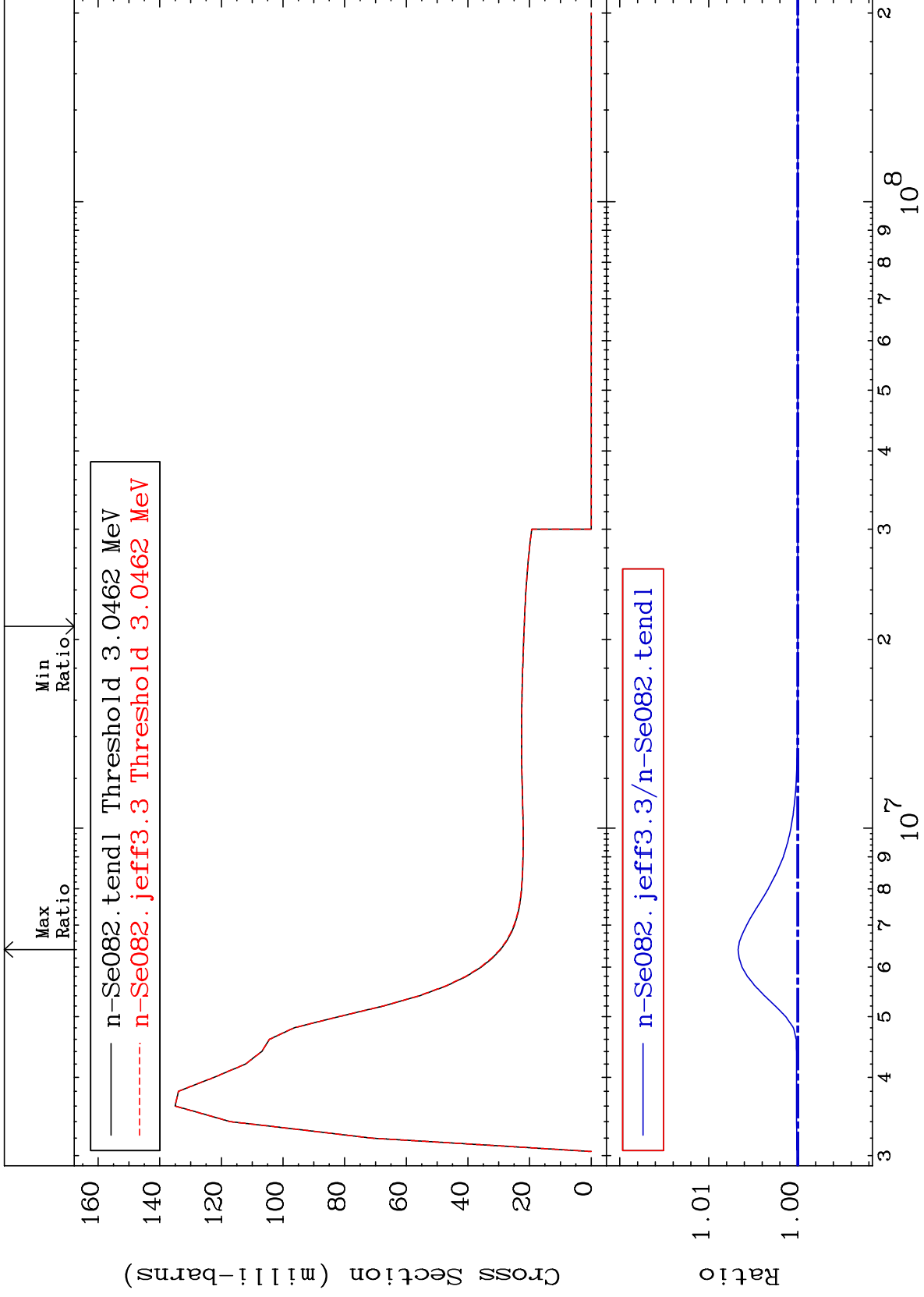
Incident Energy (eV)

34-Se-82

MAT 3449

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

34-Se-82
0.000 To 0.670 %



25

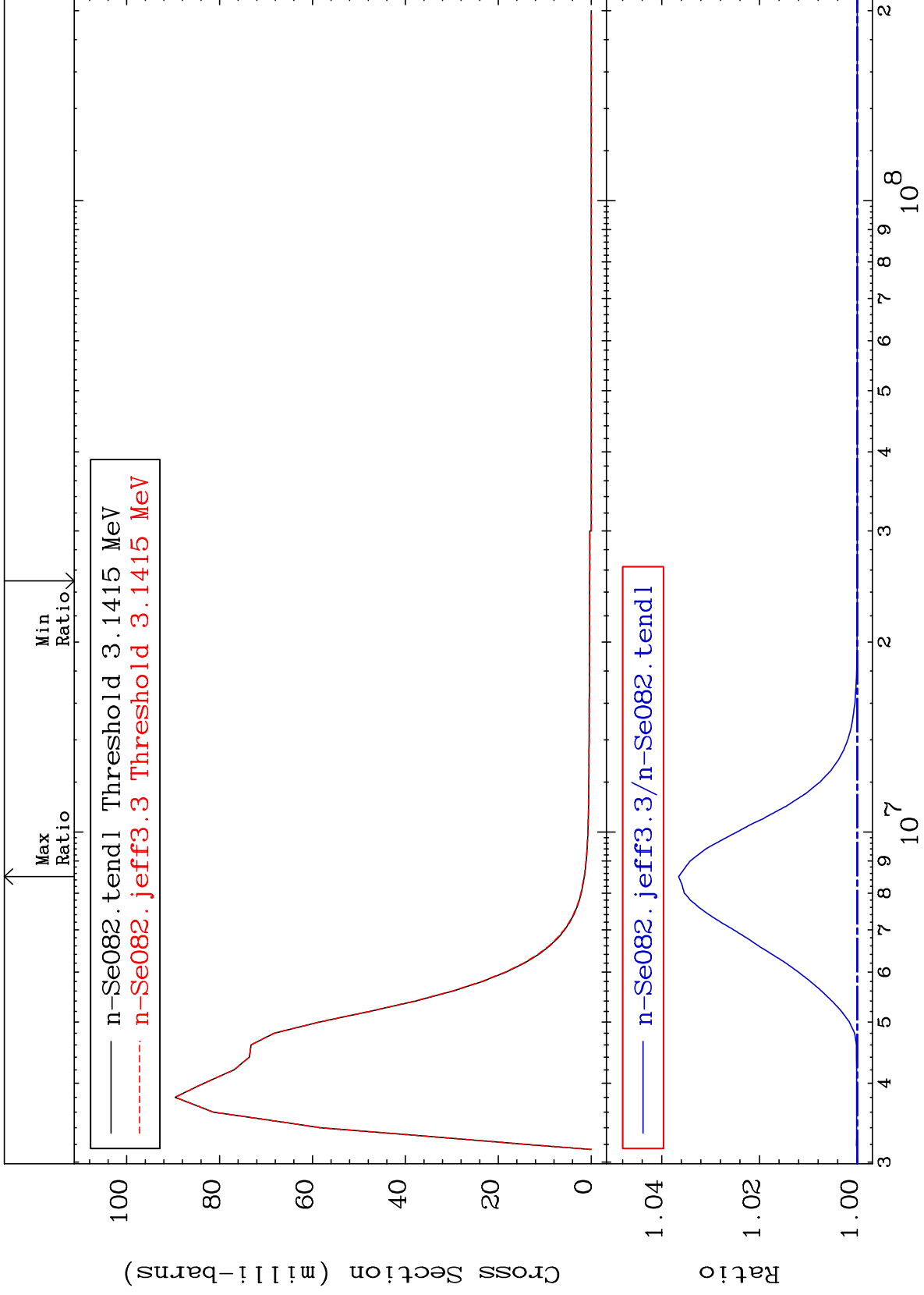
Incident Energy (eV)

34-Se-82

MAT 3449

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

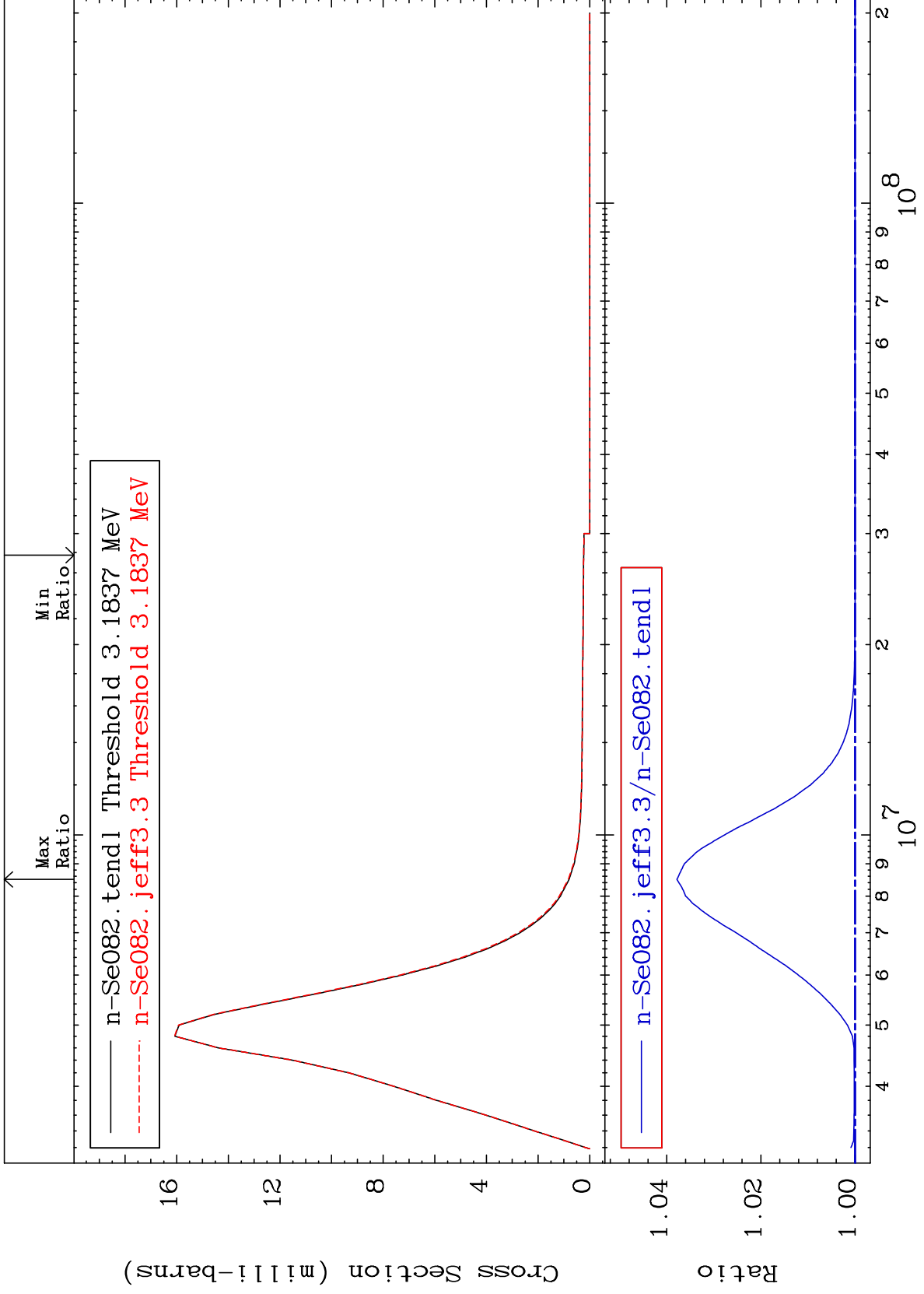
34-Se-82
0.000 To 3.654 %



MAT 3449

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

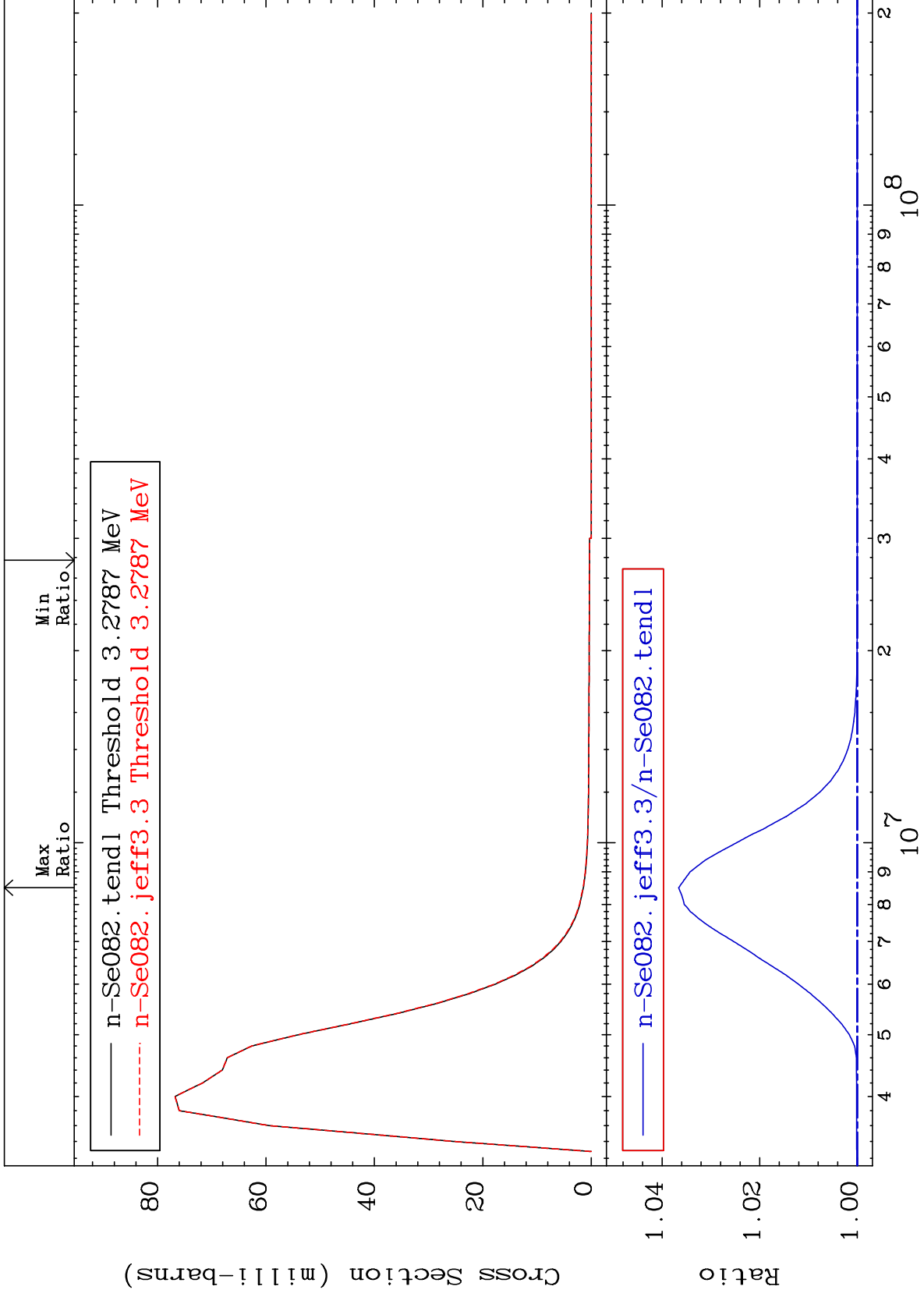
34-Se-82
To 3.785 %
0.000



MAT 3449

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

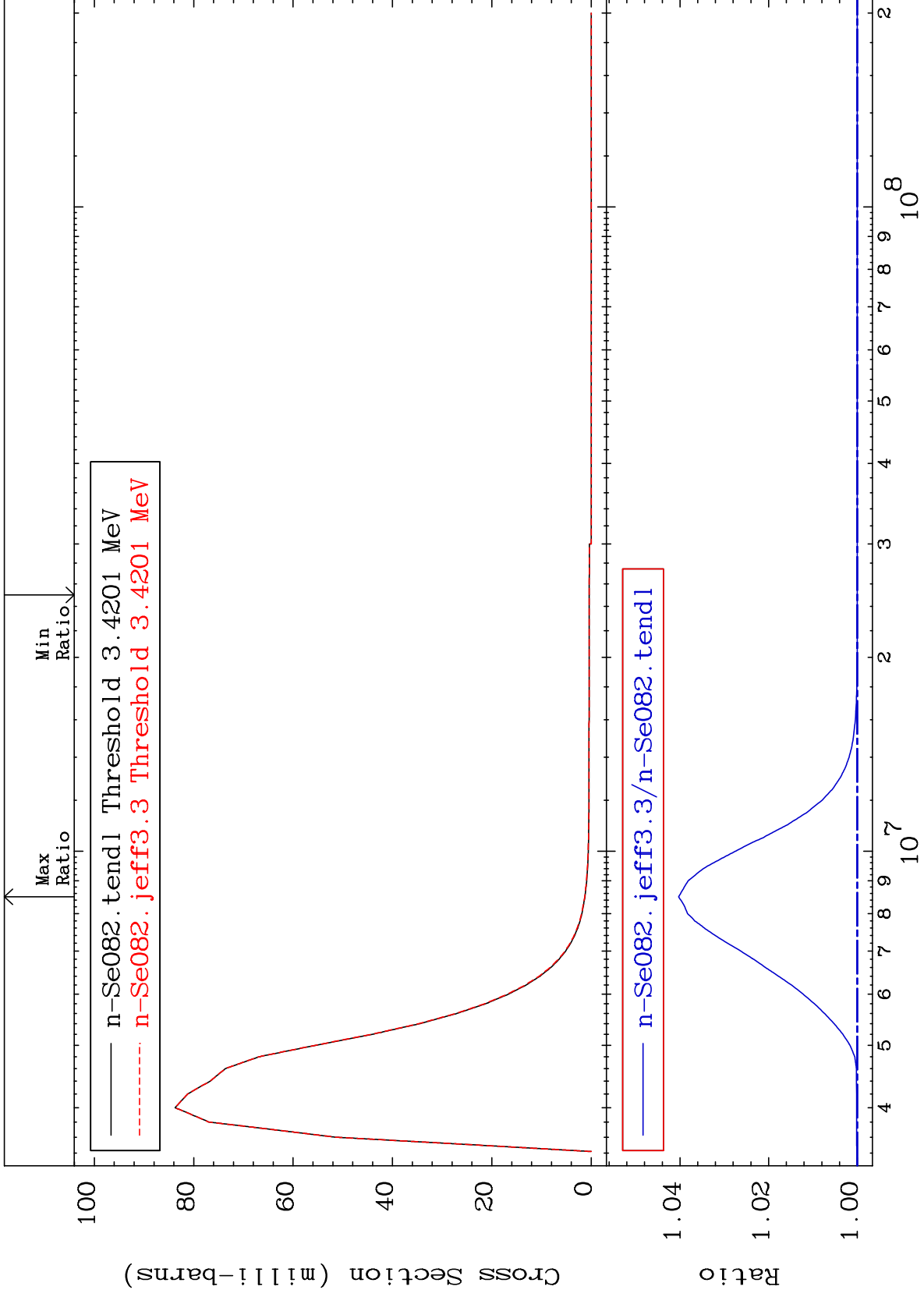
34-Se-82
To 3.661 %



MAT 3449

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

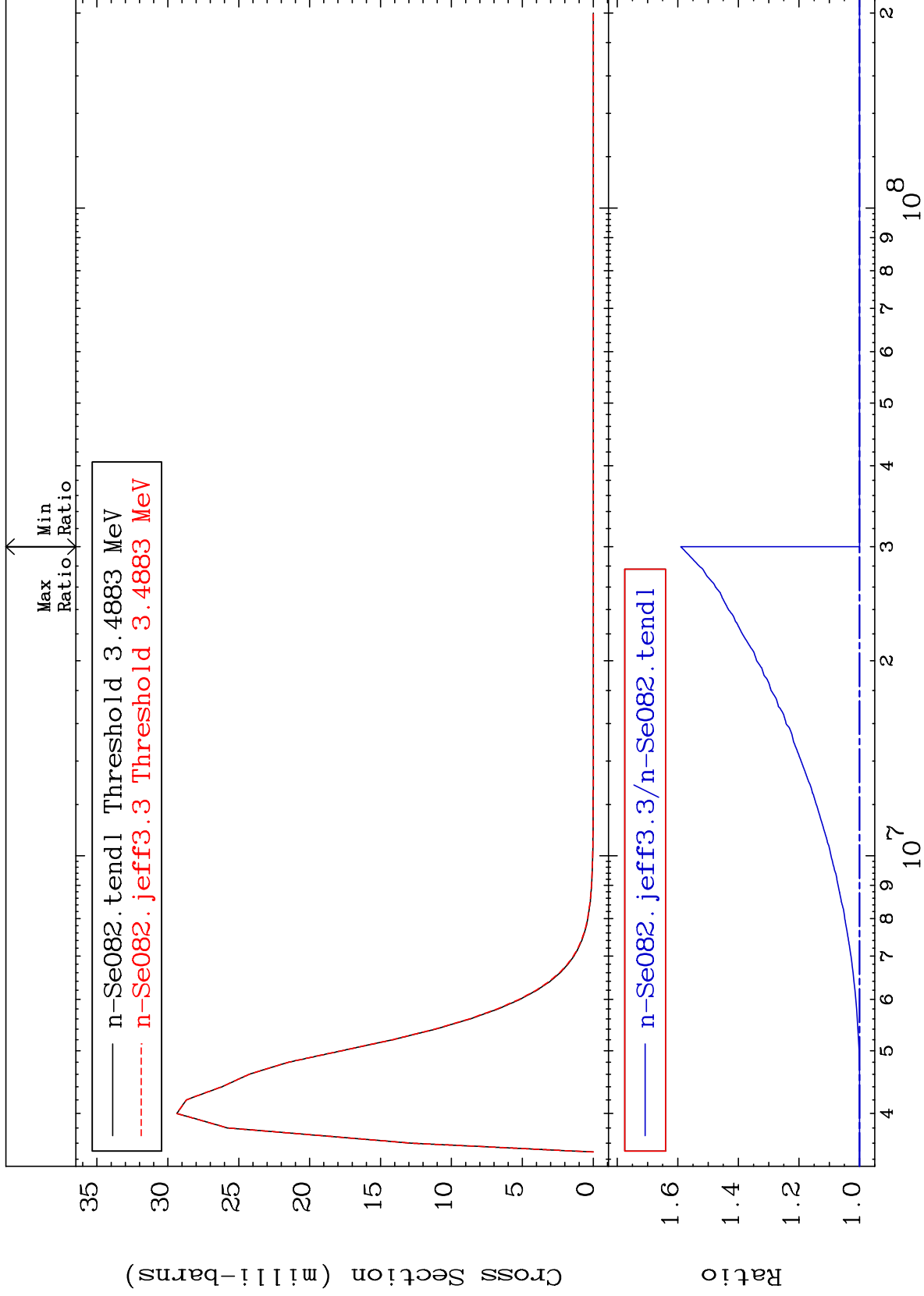
34-Se-82
To 4.031 %



MAT 3449

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

34-Se-82
To 59.03 %



30

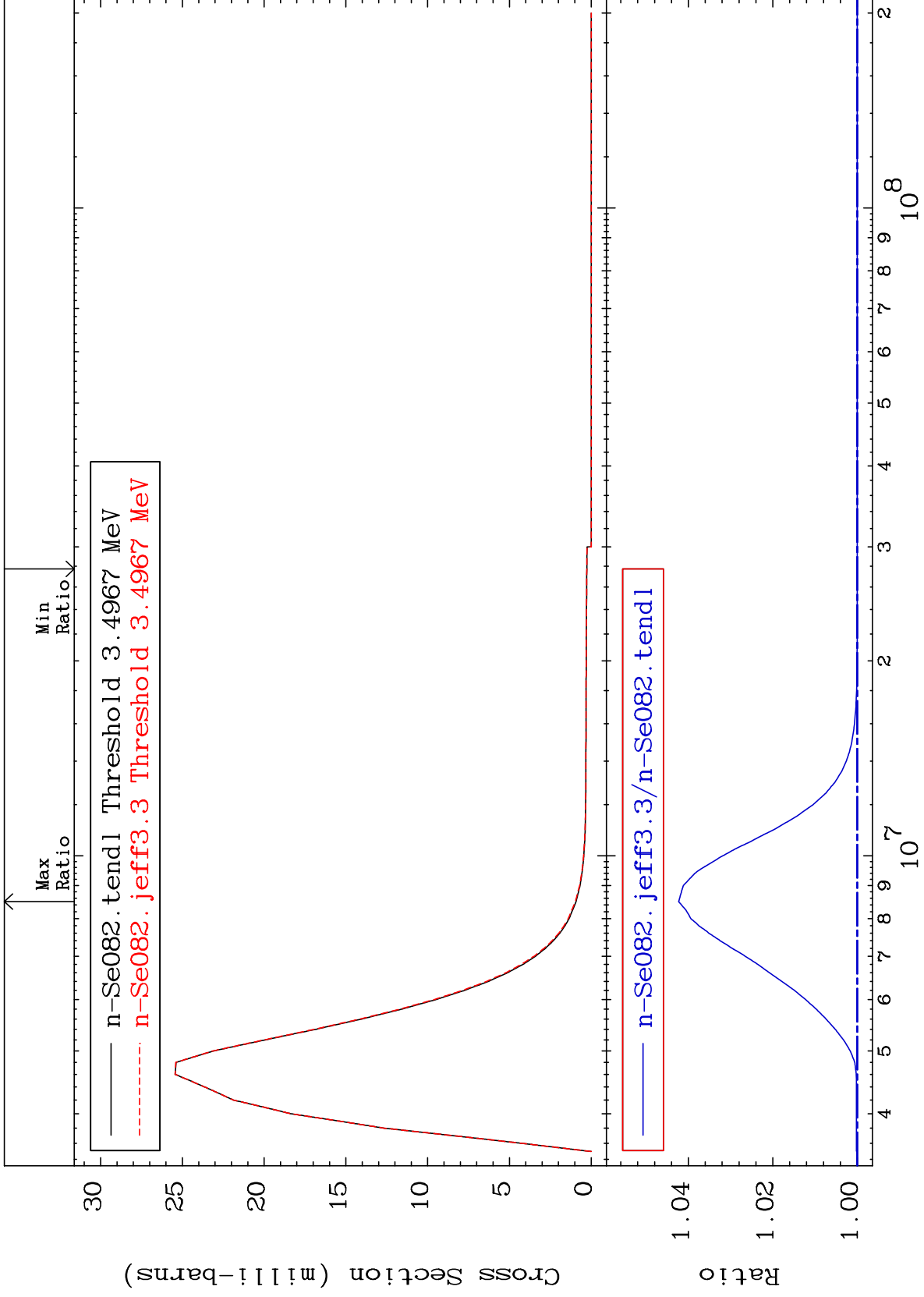
Incident Energy (eV)

34-Se-82

MAT 3449

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

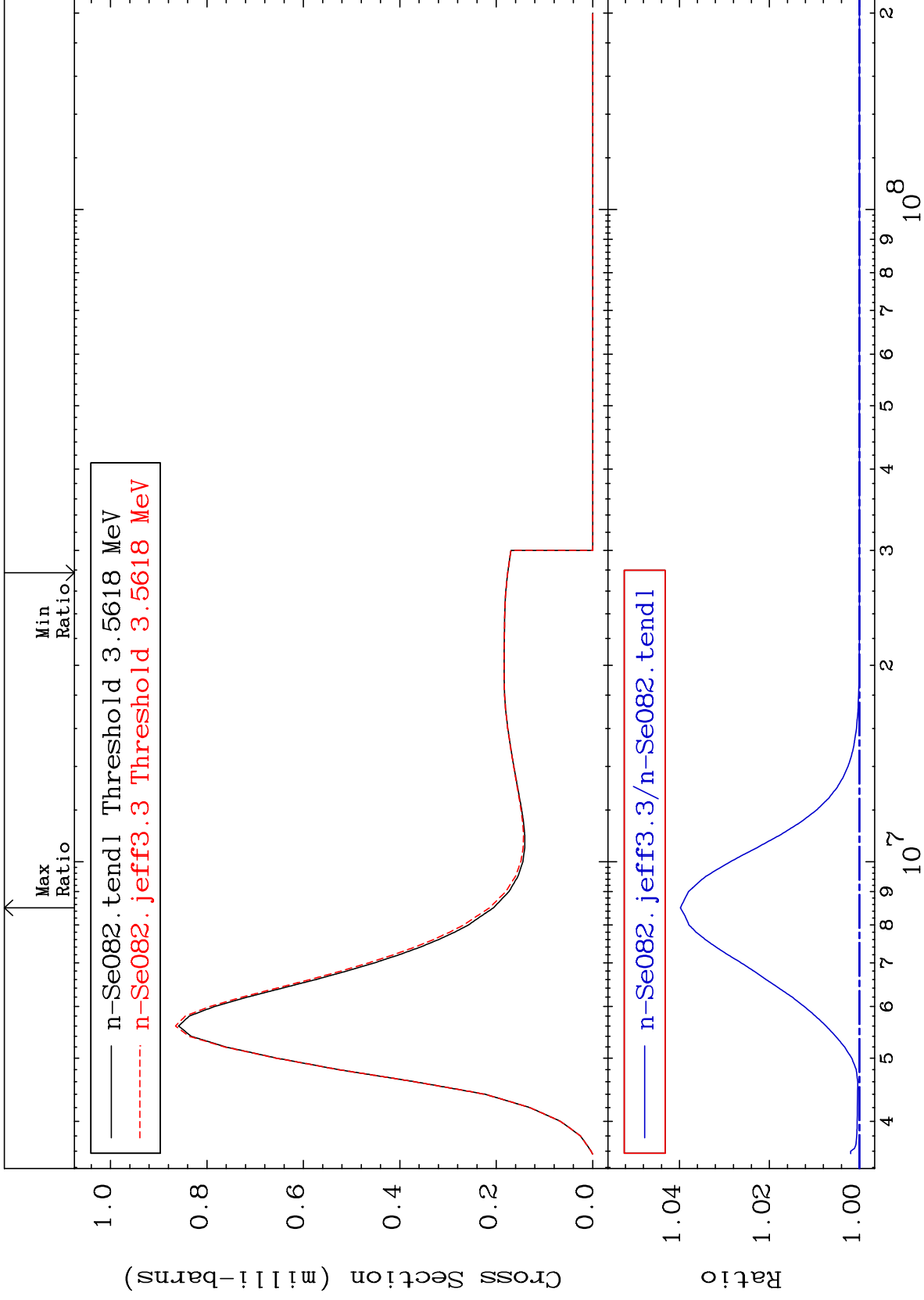
34-Se-82
To 4.230 %



MAT 3449

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

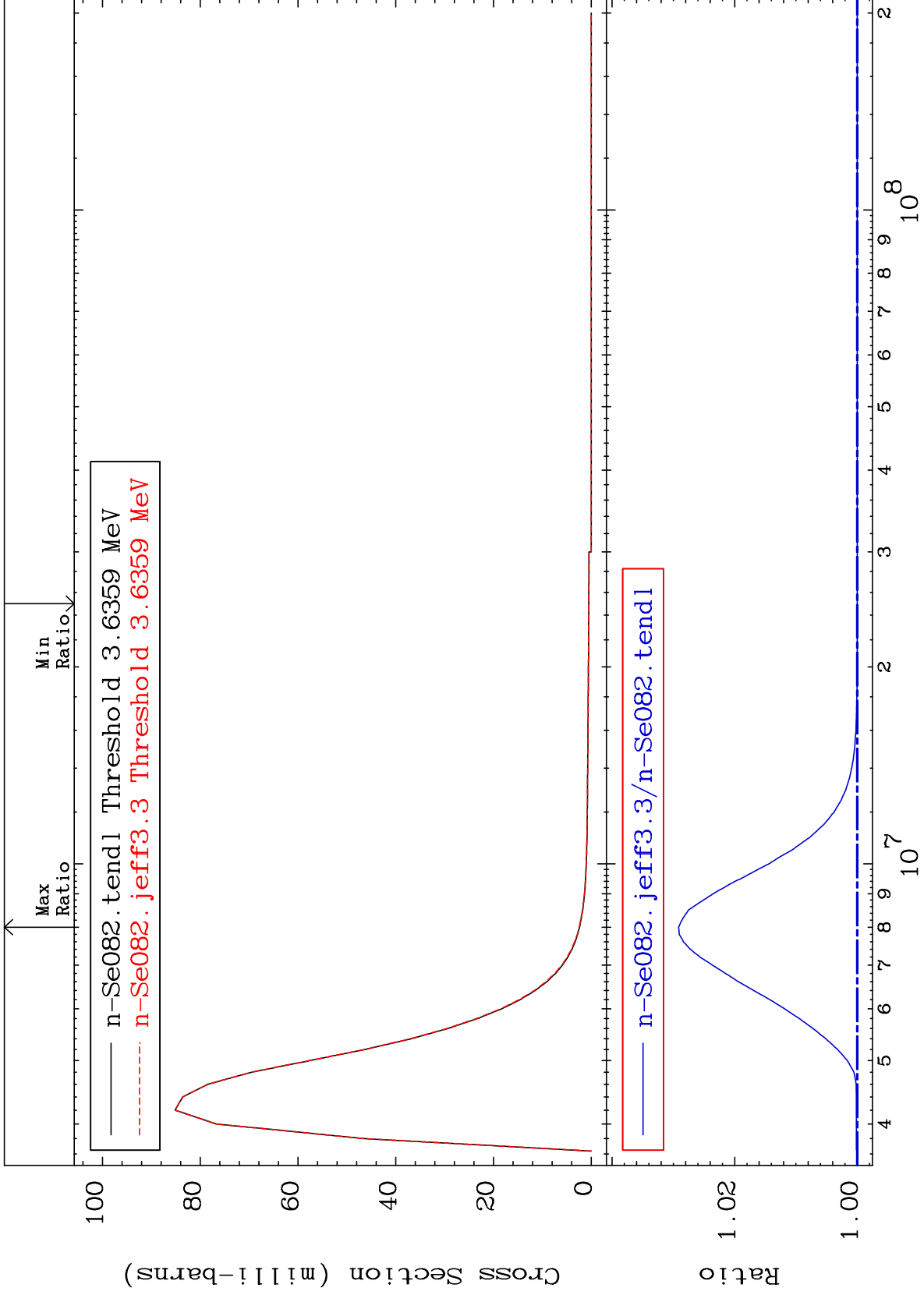
34-Se-82
To 3.980 %
0.000



MAT 3449

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

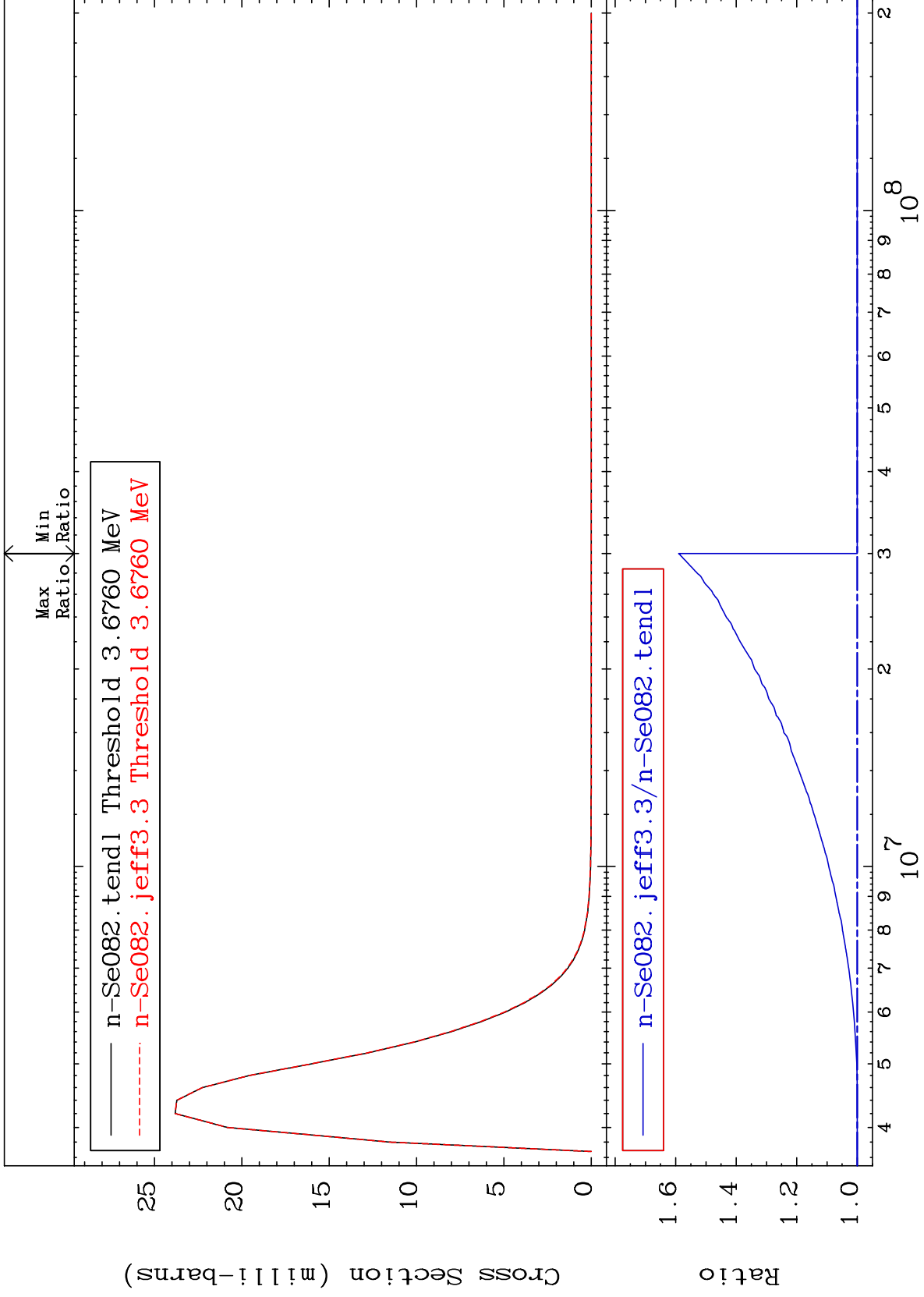
34-Se-82
To 2.914 %



MAT 3449

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

34-Se-82
To 59.03 %



34

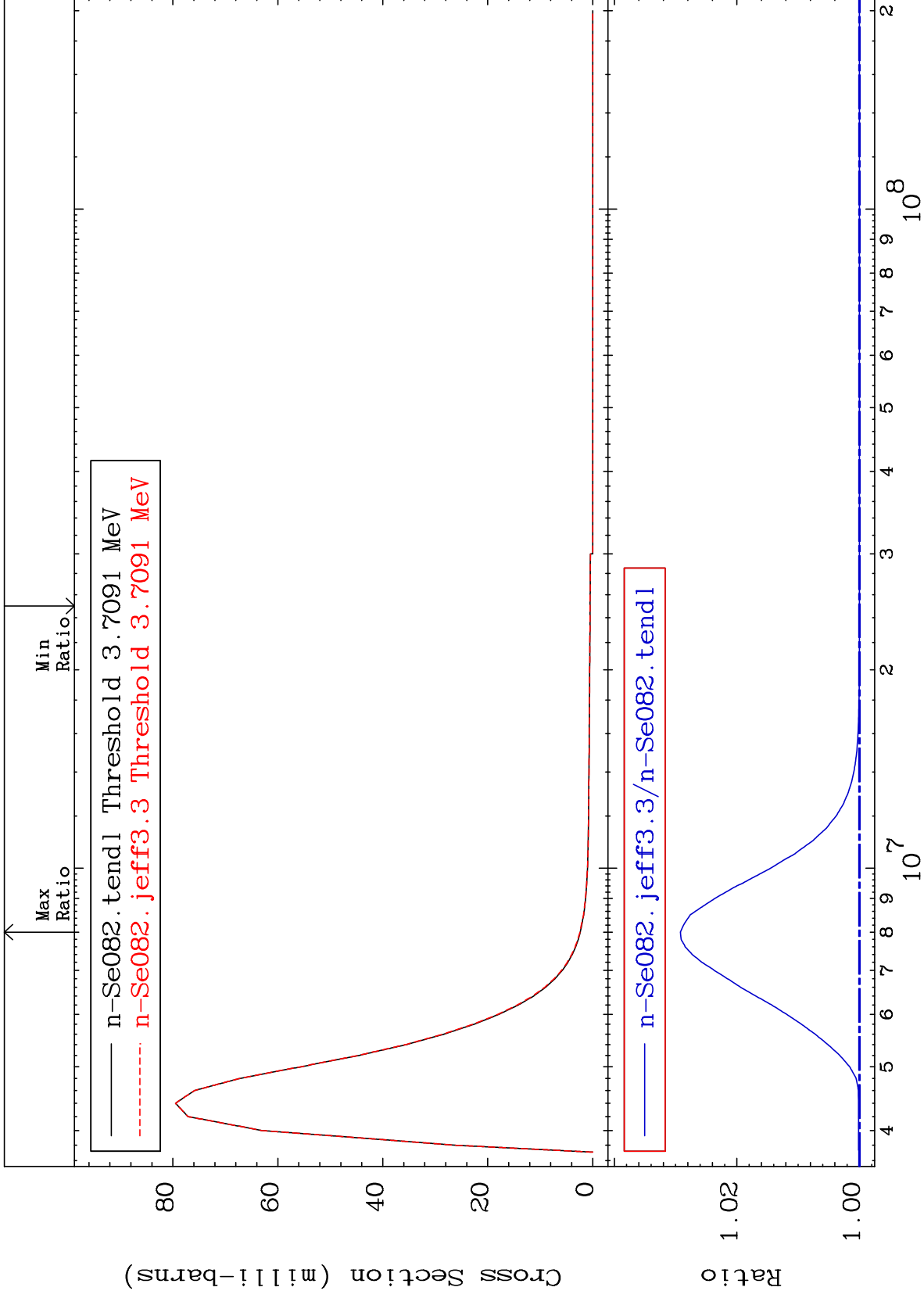
Incident Energy (eV)

34-Se-82

MAT 3449

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

34-Se-82
To 2.923 %



35

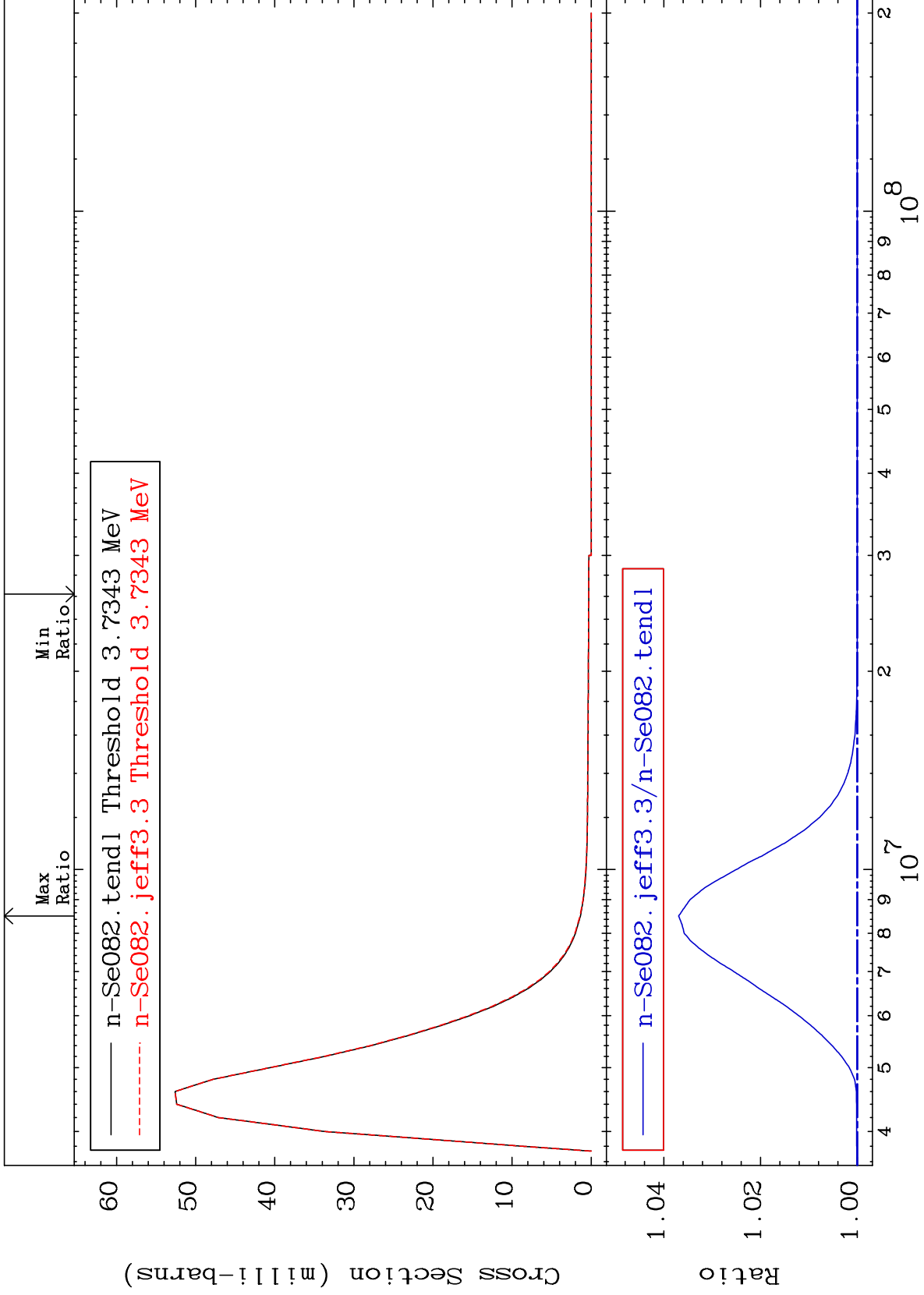
Incident Energy (eV)

34-Se-82

MAT 3449

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

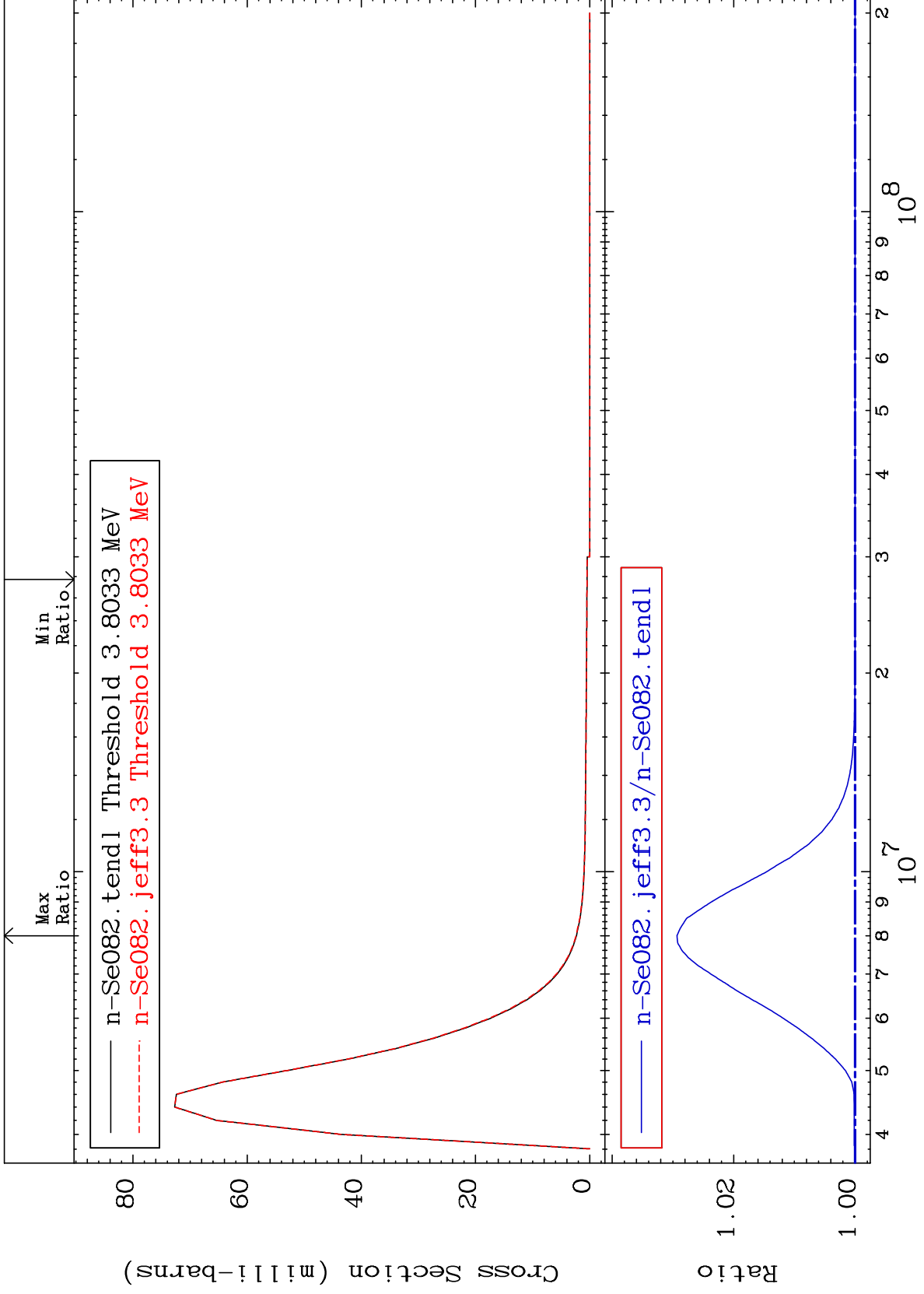
34-Se-82
To 3.693 %



MAT 3449

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

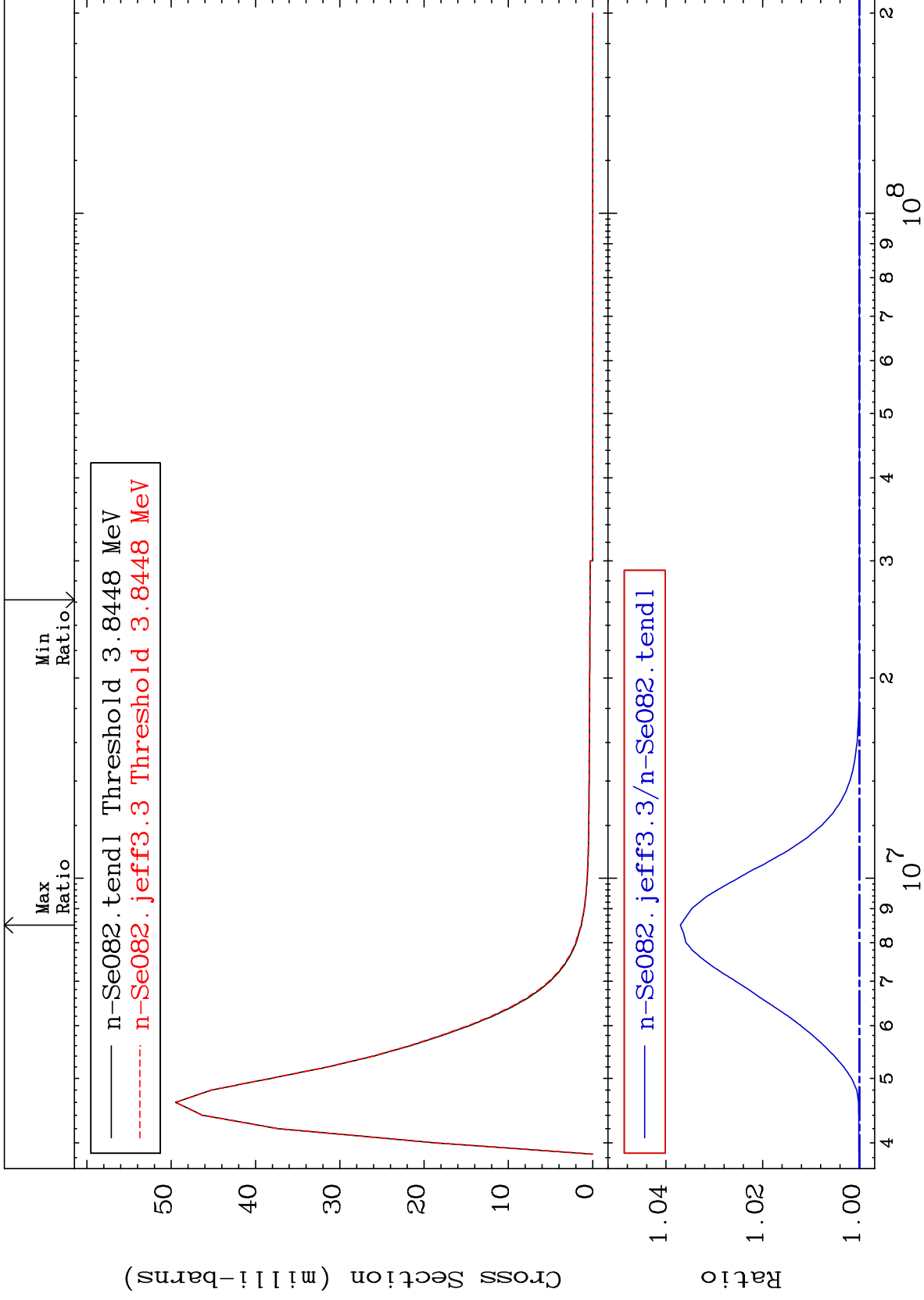
34-Se-82
To 2.934 %



MAT 3449

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

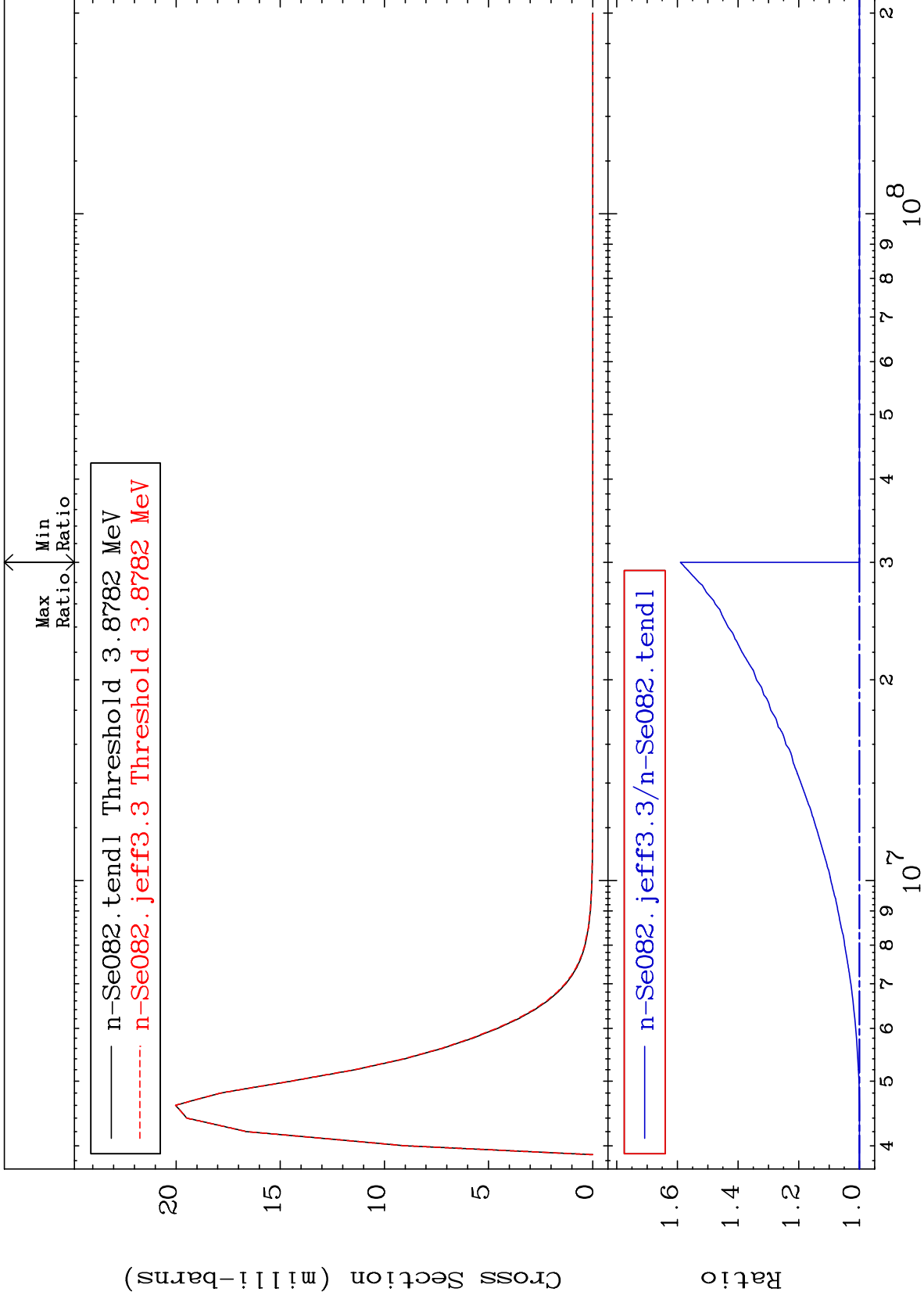
34-Se-82
To 3.703 %



MAT 3449

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

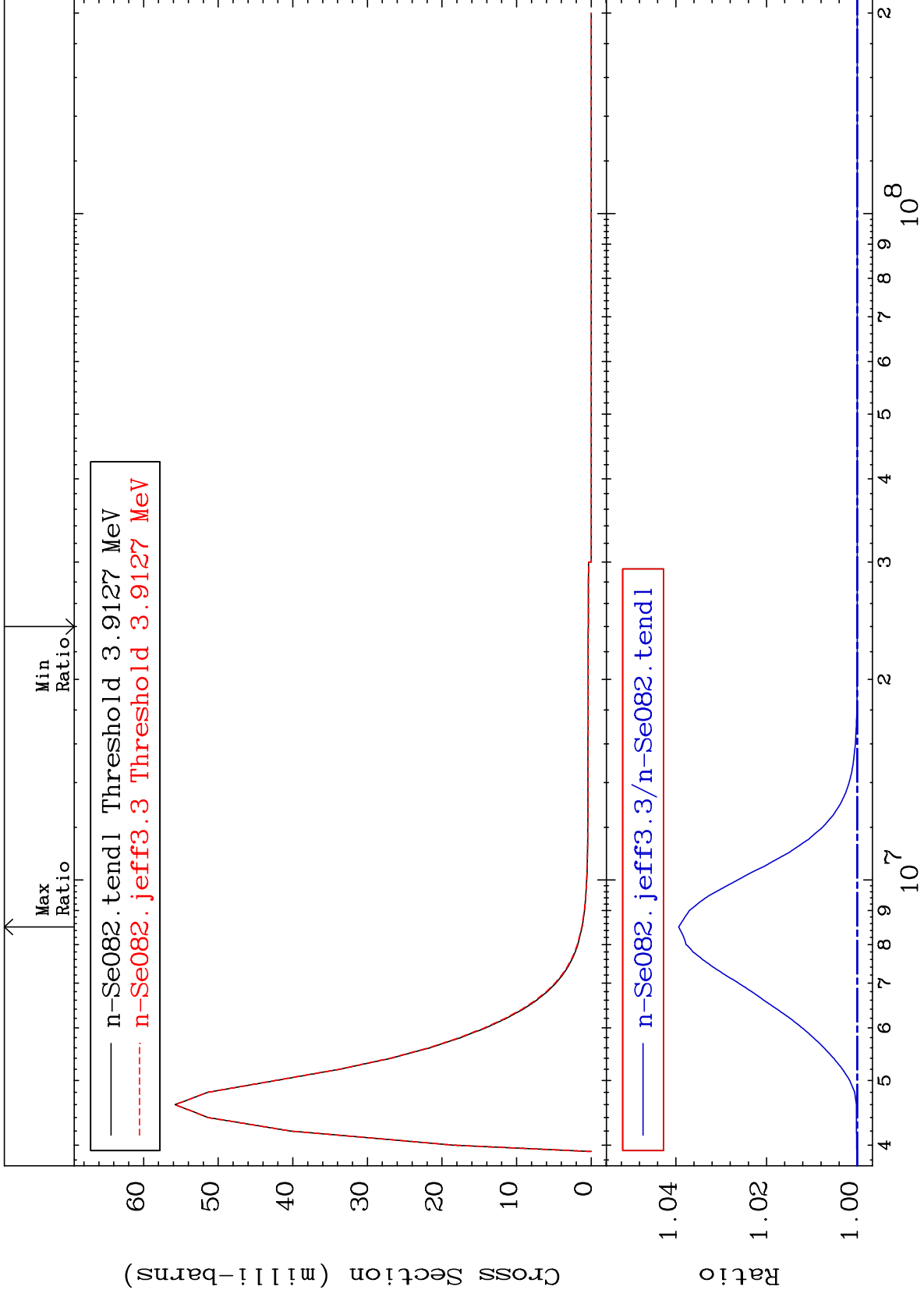
34-Se-82
To 59.03 %



MAT 3449

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

34-Se-82
To 3.937 %



40

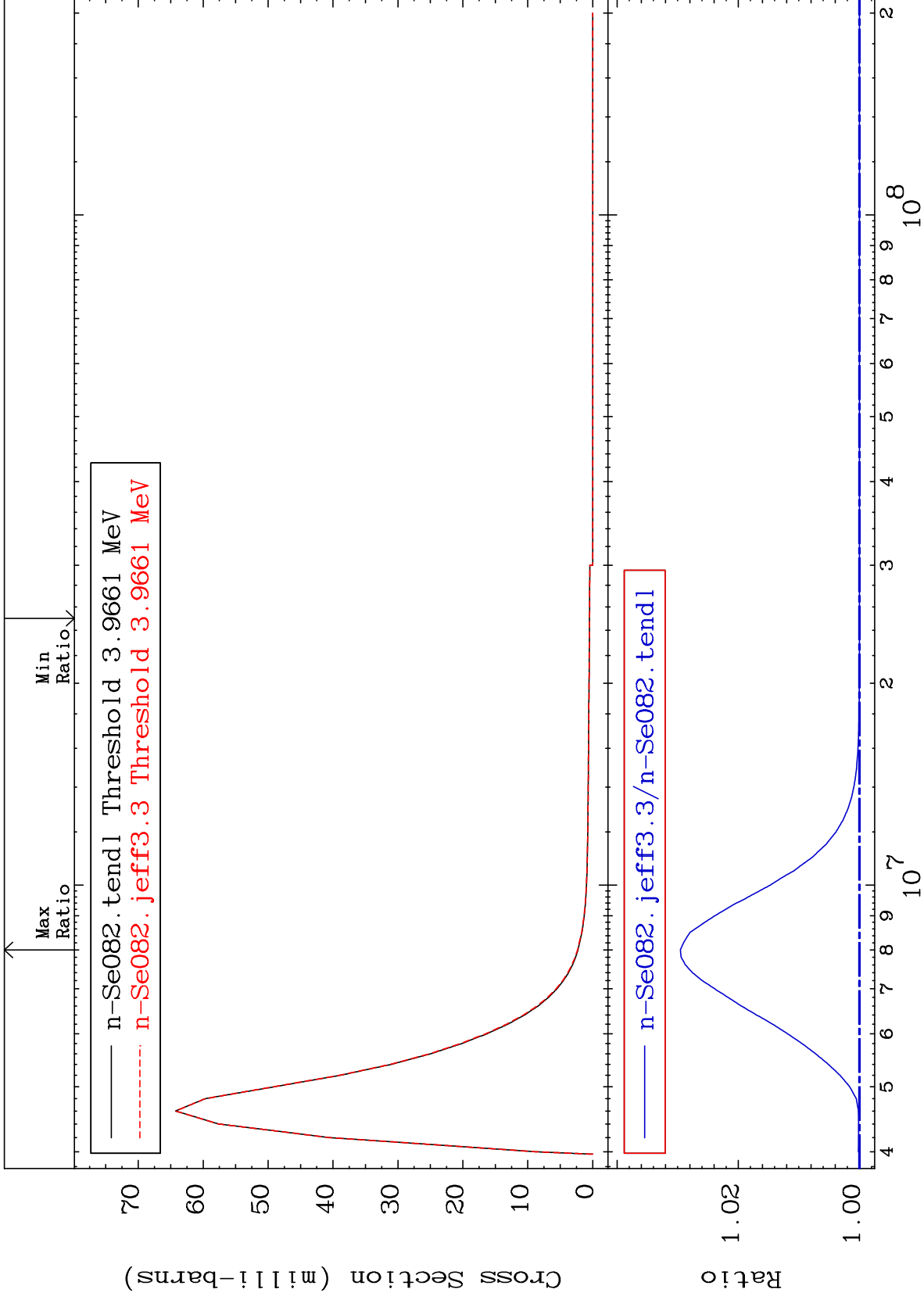
Incident Energy (eV)

34-Se-82

MAT 3449

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

34-Se-82
To 2.956 %



41

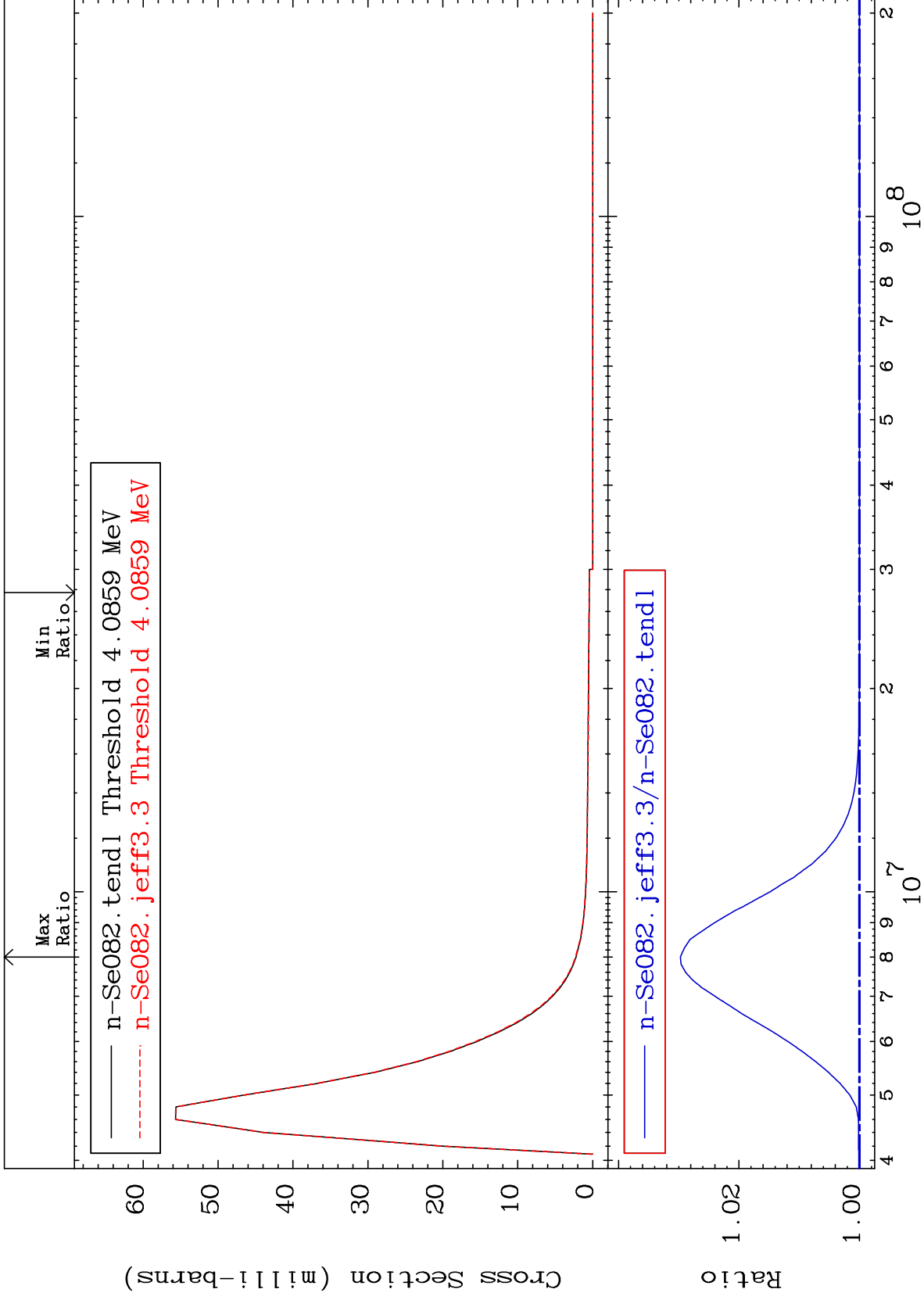
Incident Energy (eV)

34-Se-82

MAT 3449

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

34-Se-82
To 2.973 %



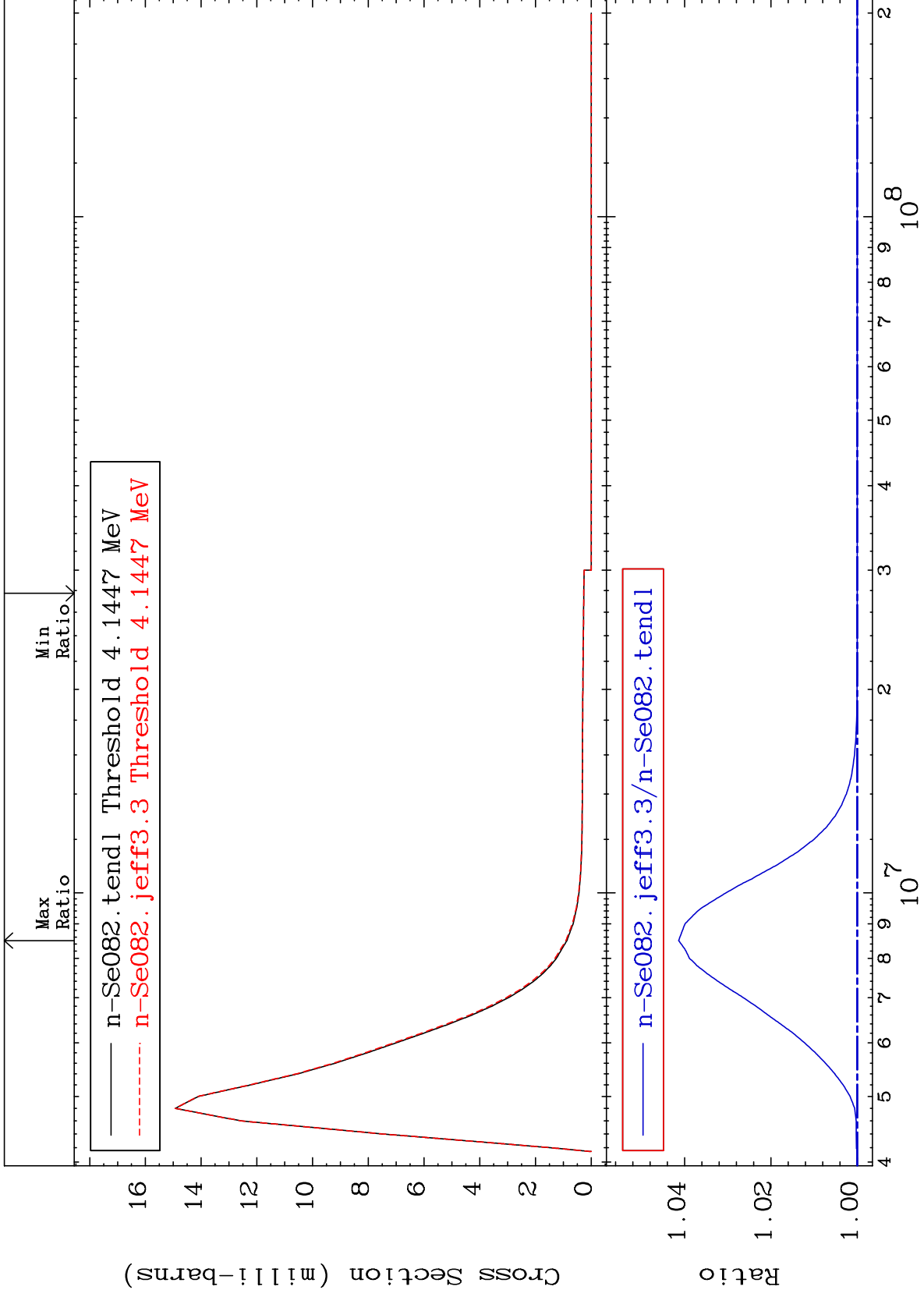
42

34-Se-82

MAT 3449

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

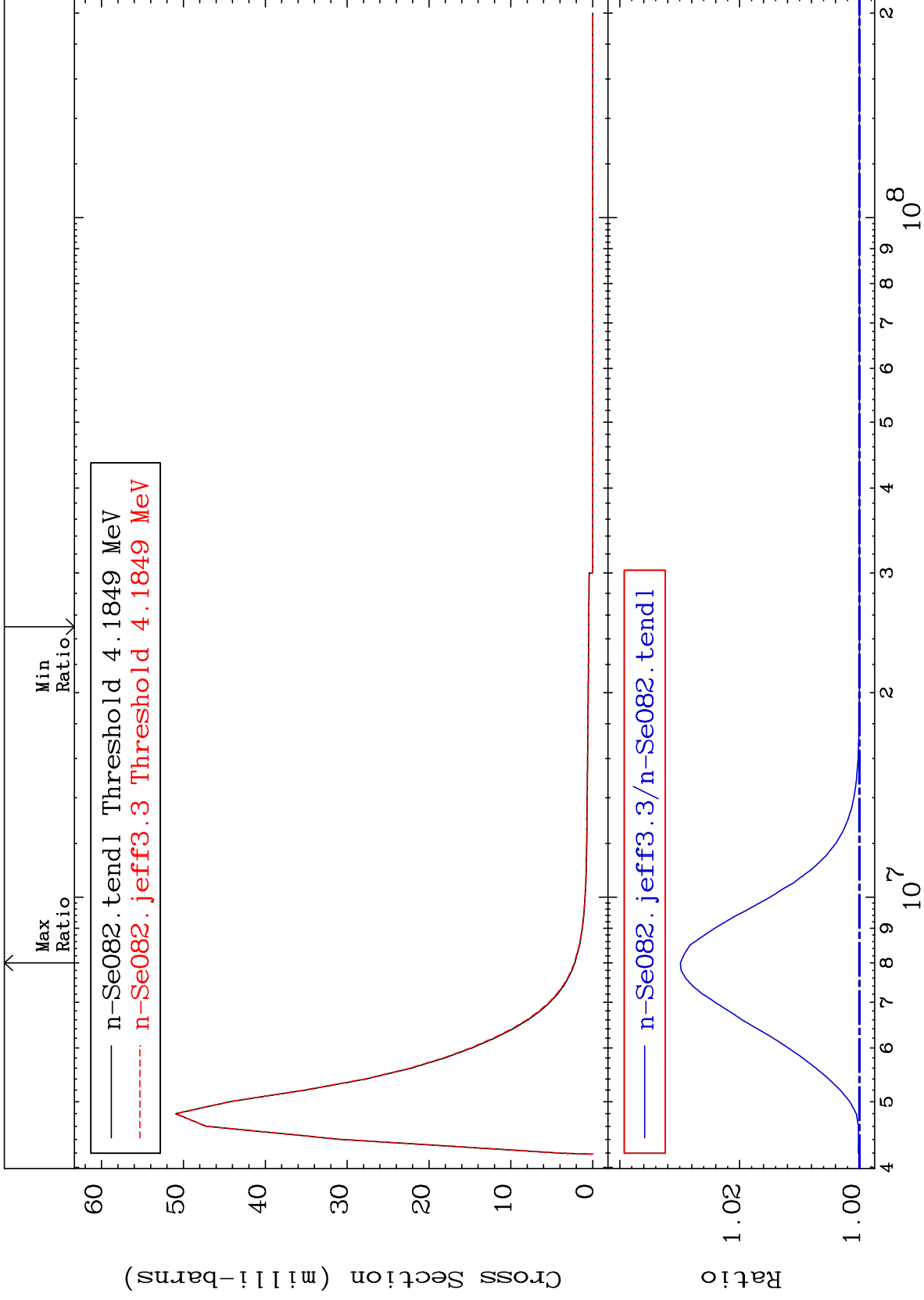
34-Se-82
To 4.137 %



MAT 3449

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

34-Se-82
To 2.990 %



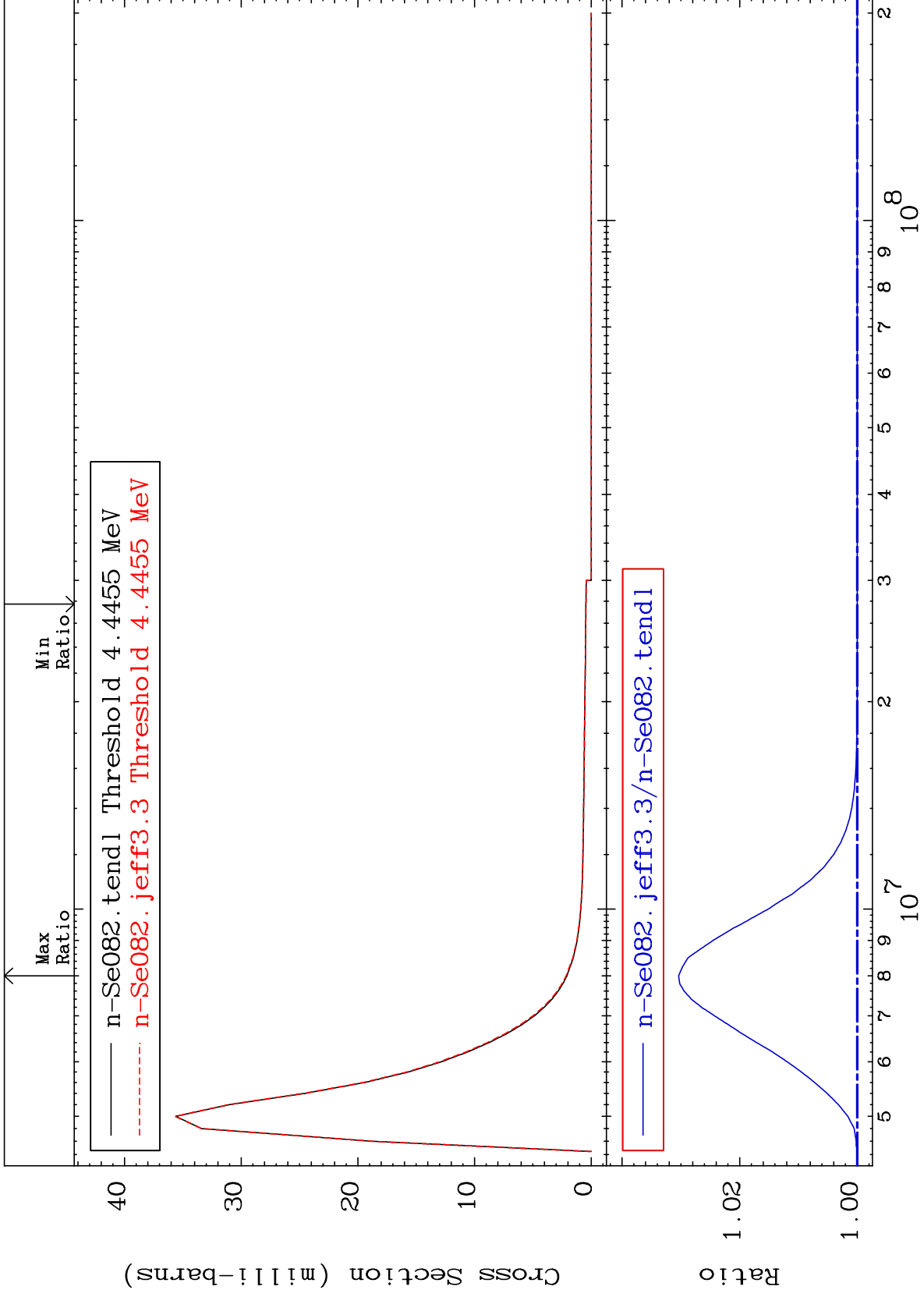
44

34-Se-82

MAT 3449

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

34-Se-82
To 3.038 %



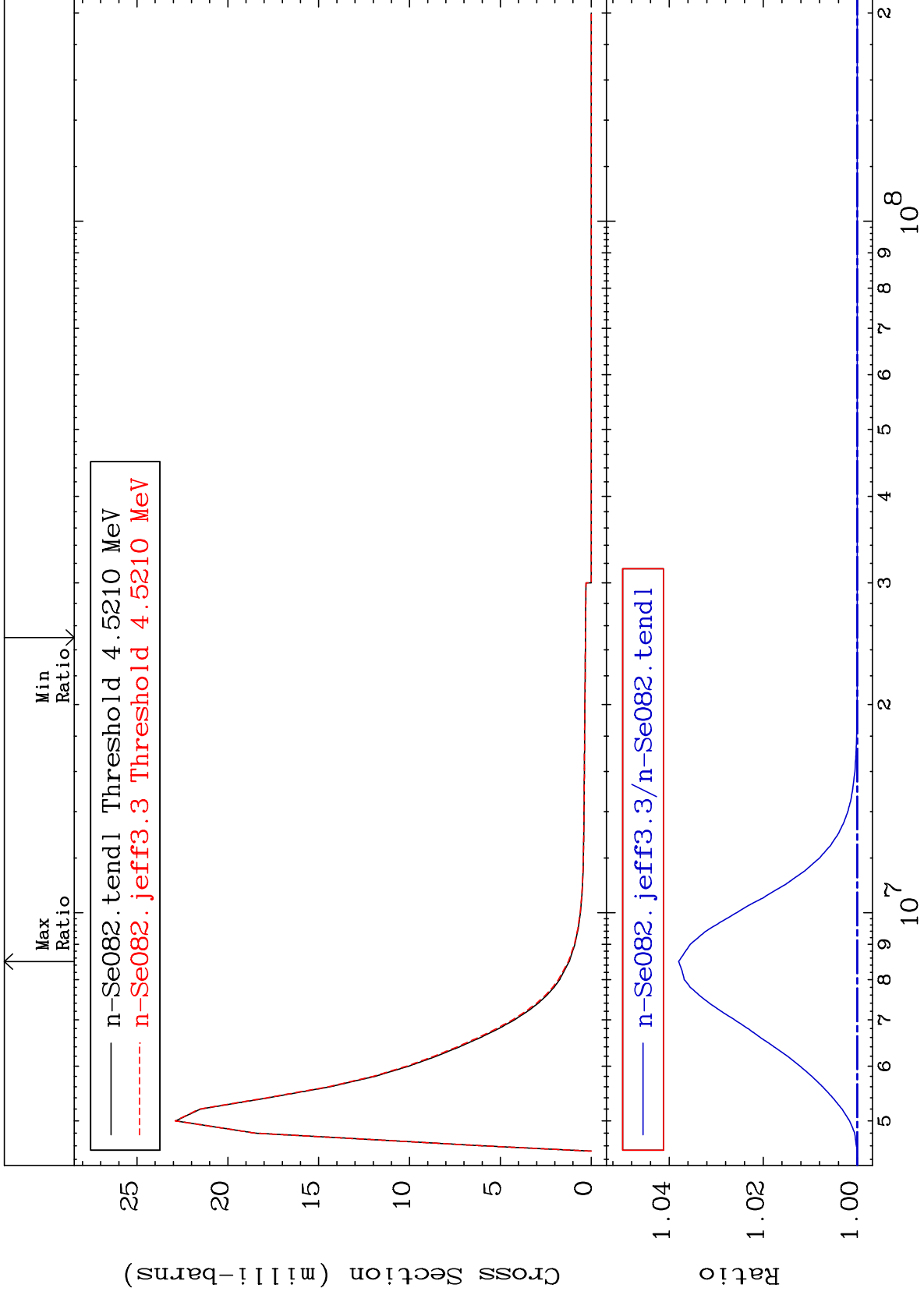
45

34-Se-82

MAT 3449

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

34-Se-82
To 3.800 %



46

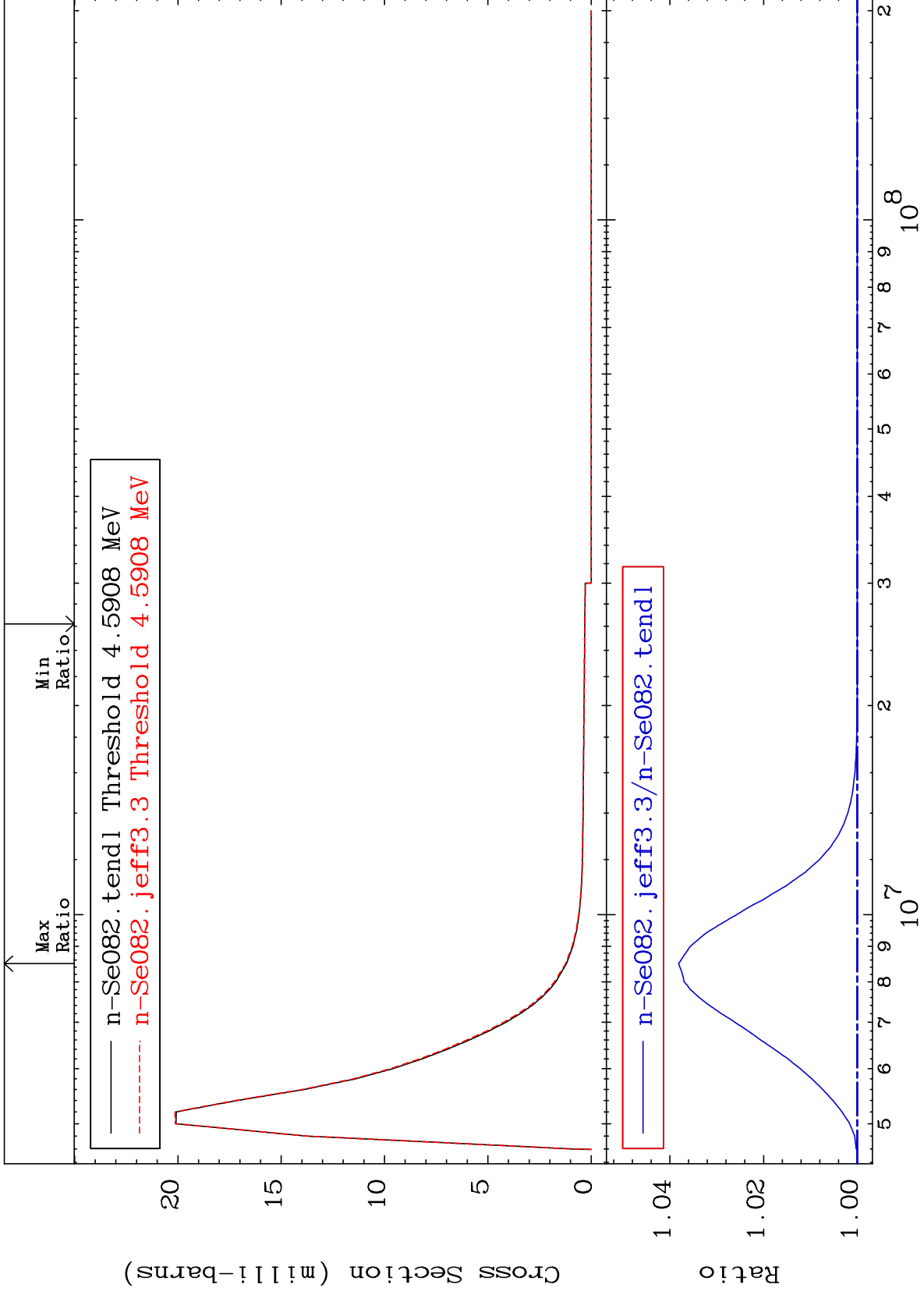
Incident Energy (eV)

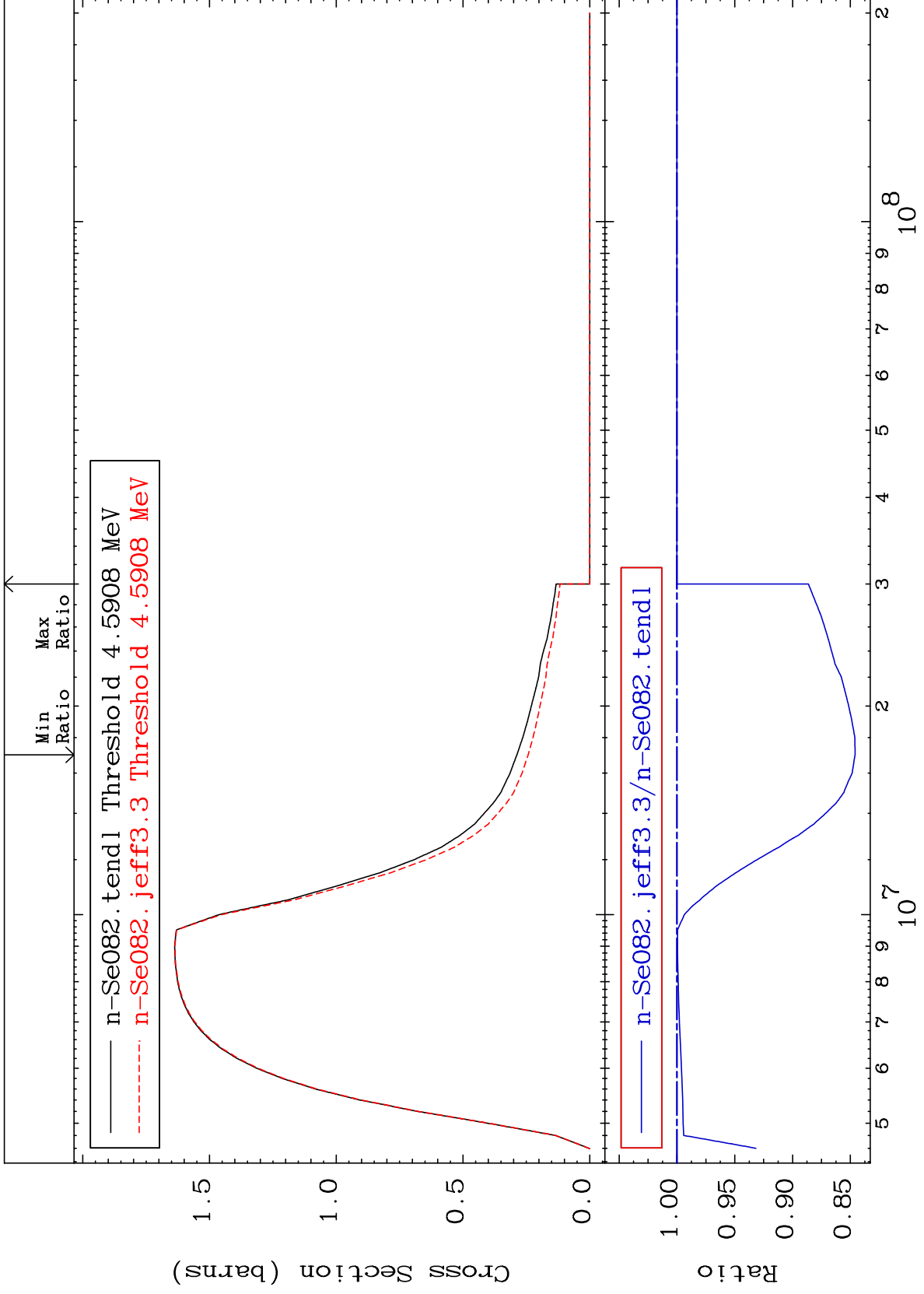
34-Se-82

MAT 3449

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

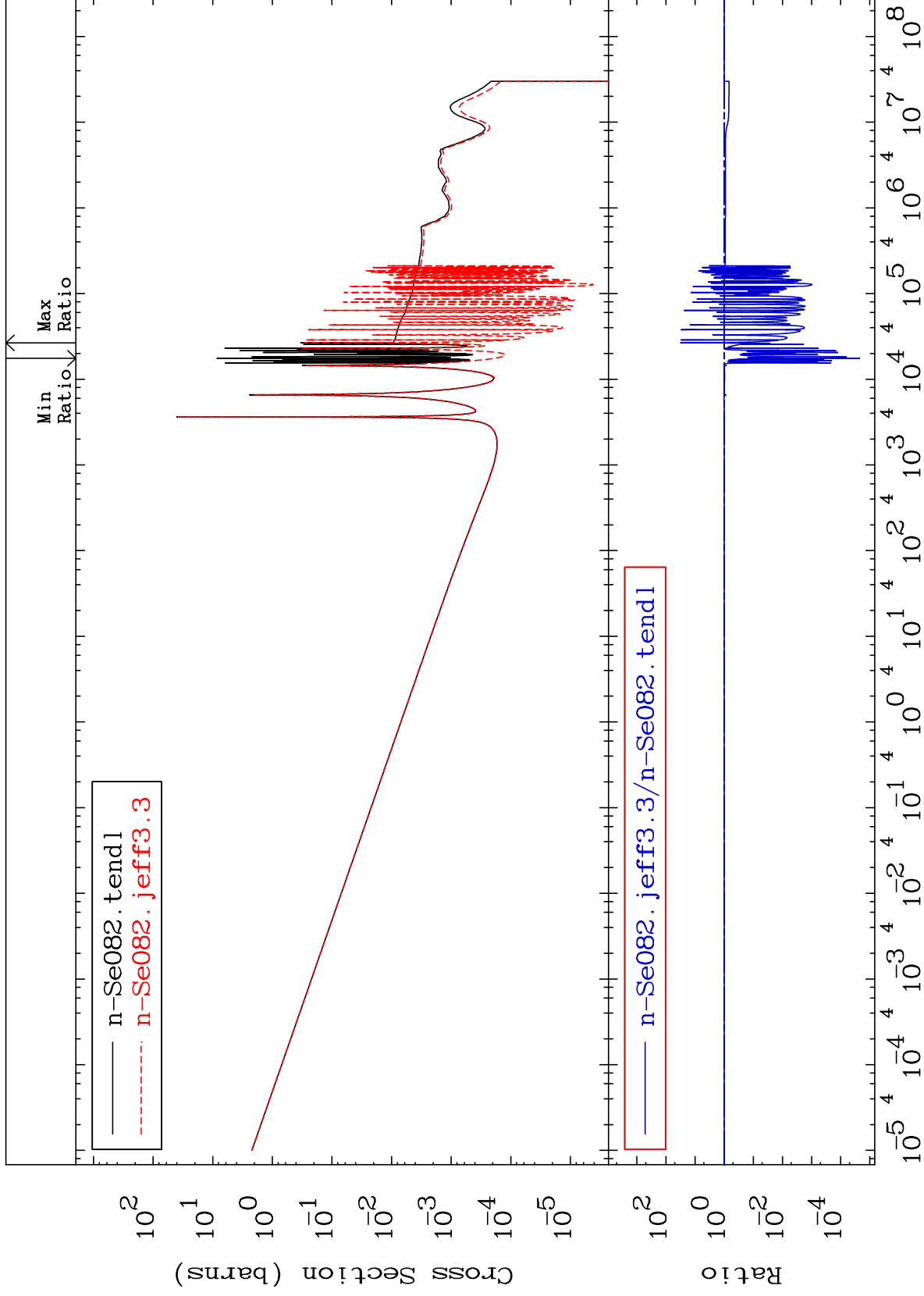
34-Se-82
To 3.813 %





Cross Section

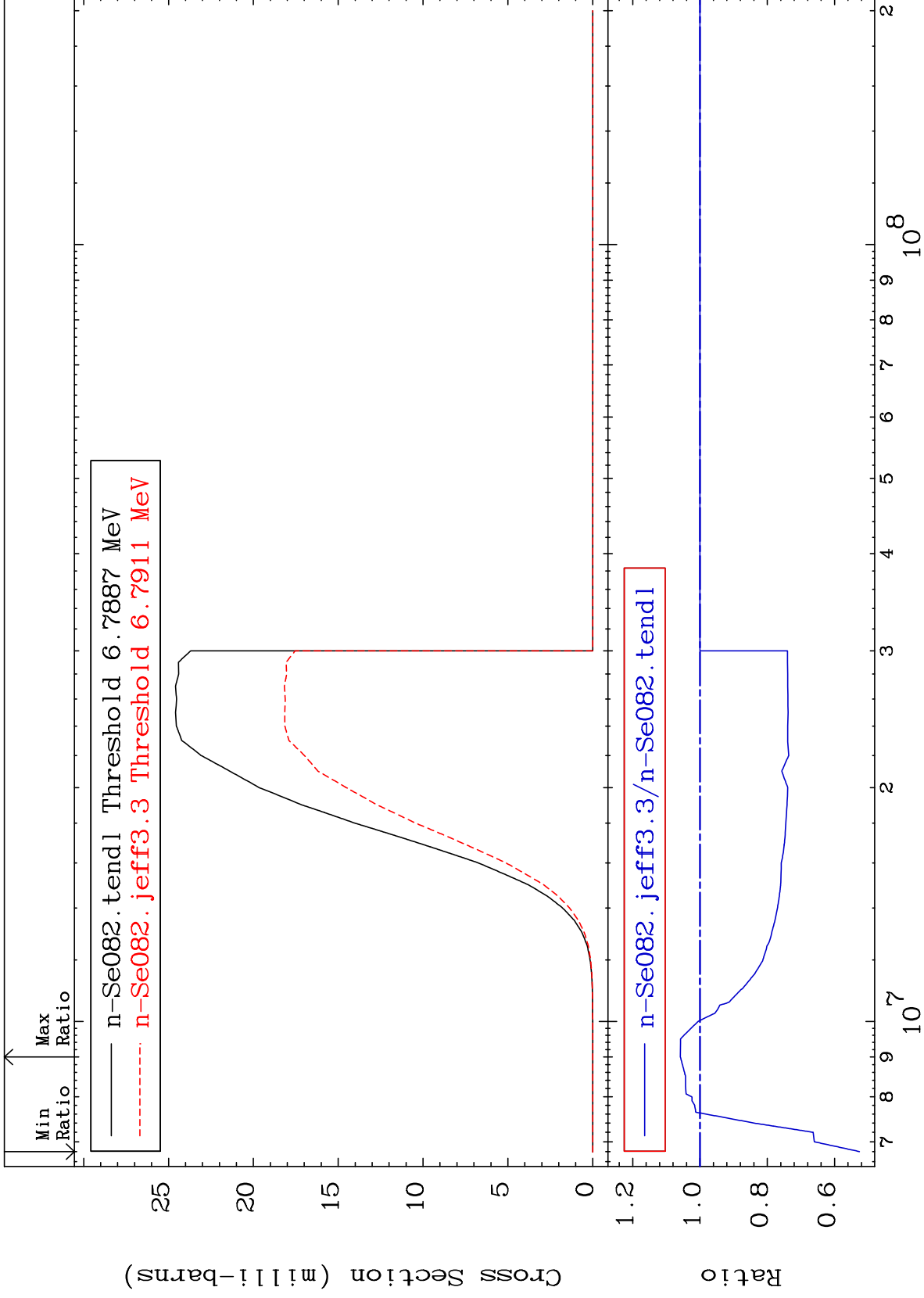
-100.0 To 3013. %



MAT 3449

(n,p)
Cross Section

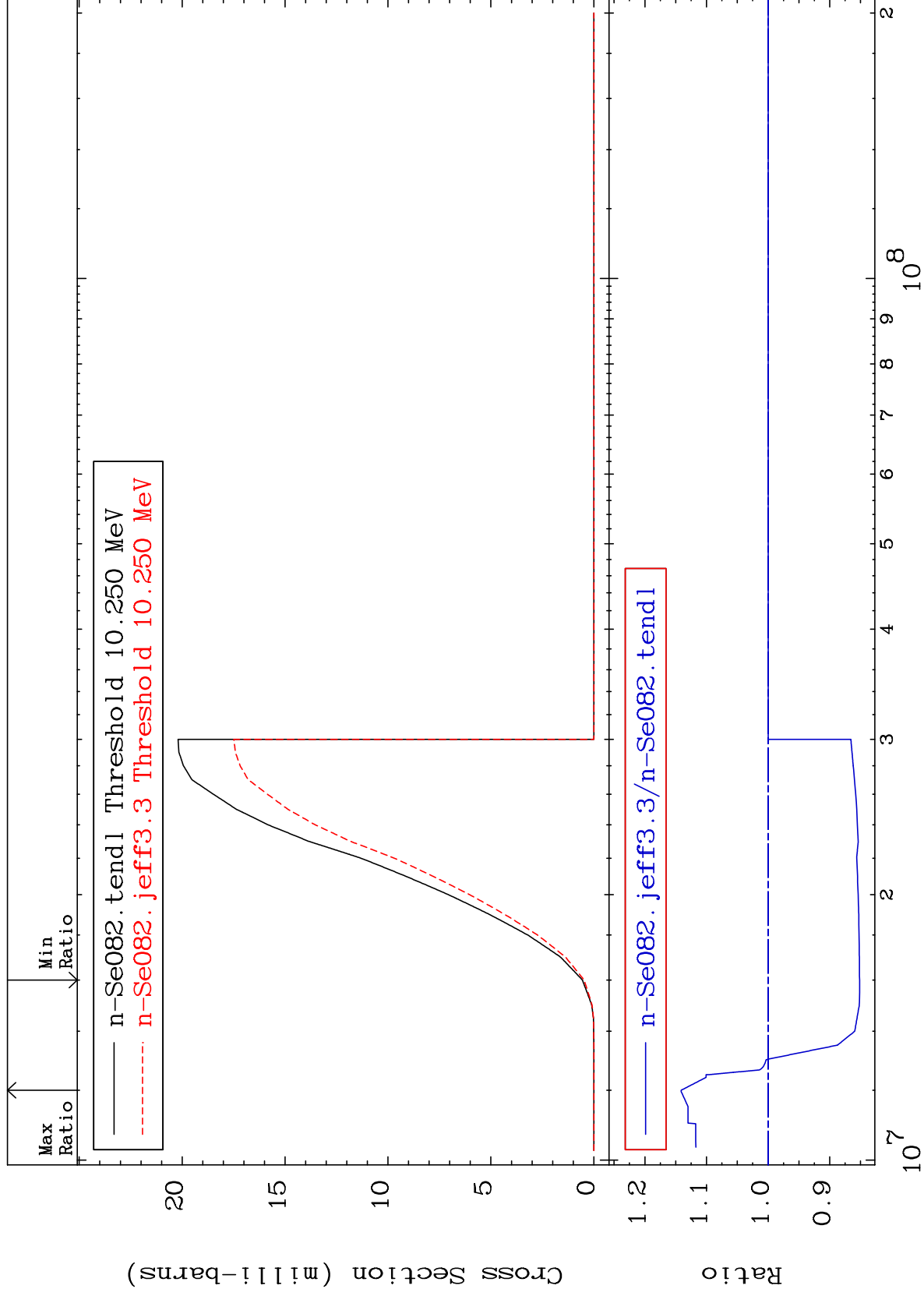
³⁴Se-82
-47.39 To 5.840 %



MAT 3449

(n, d)
Cross Section

³⁴Se-82
-14.85 To 14.11 %



51

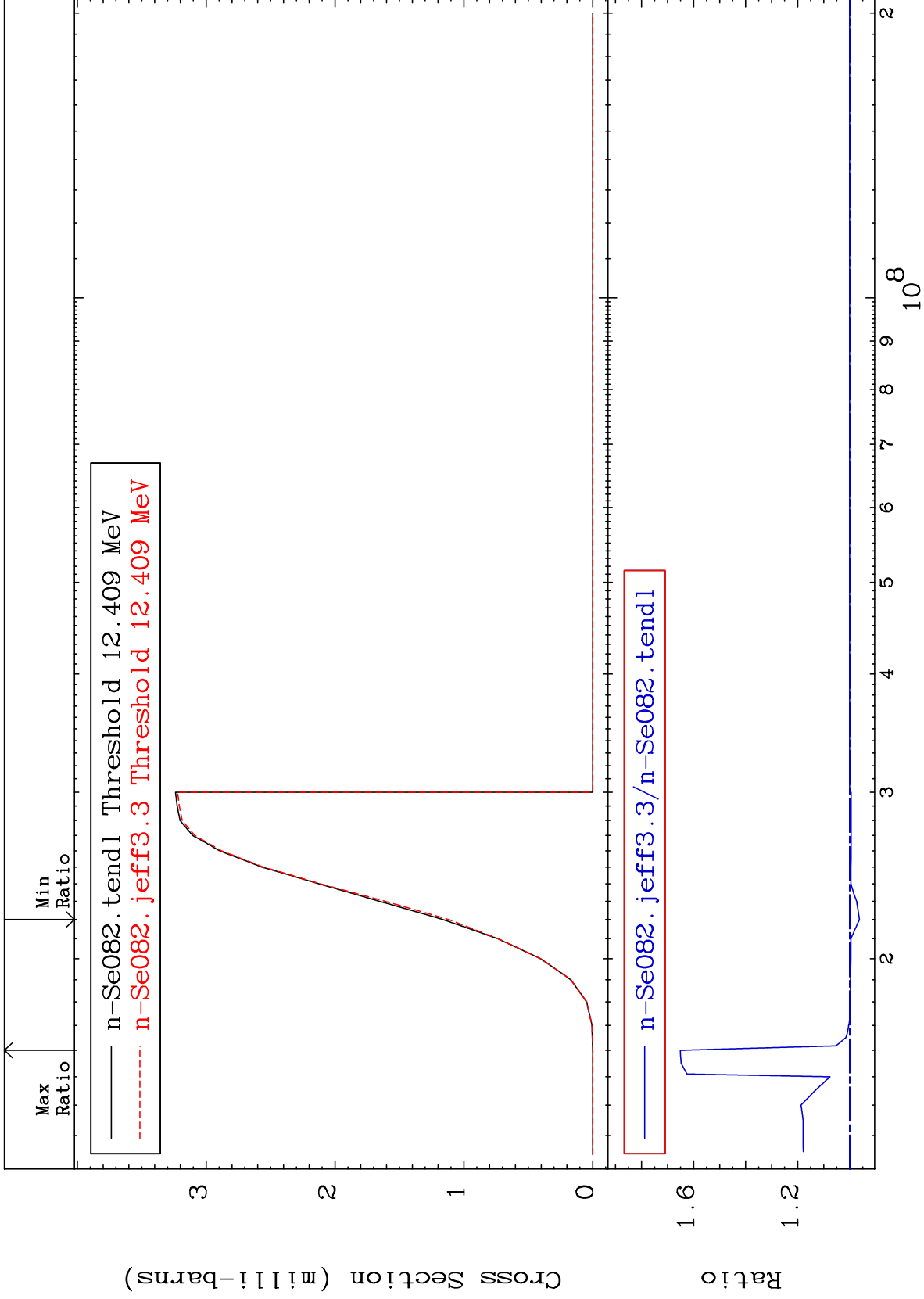
Incident Energy (eV)

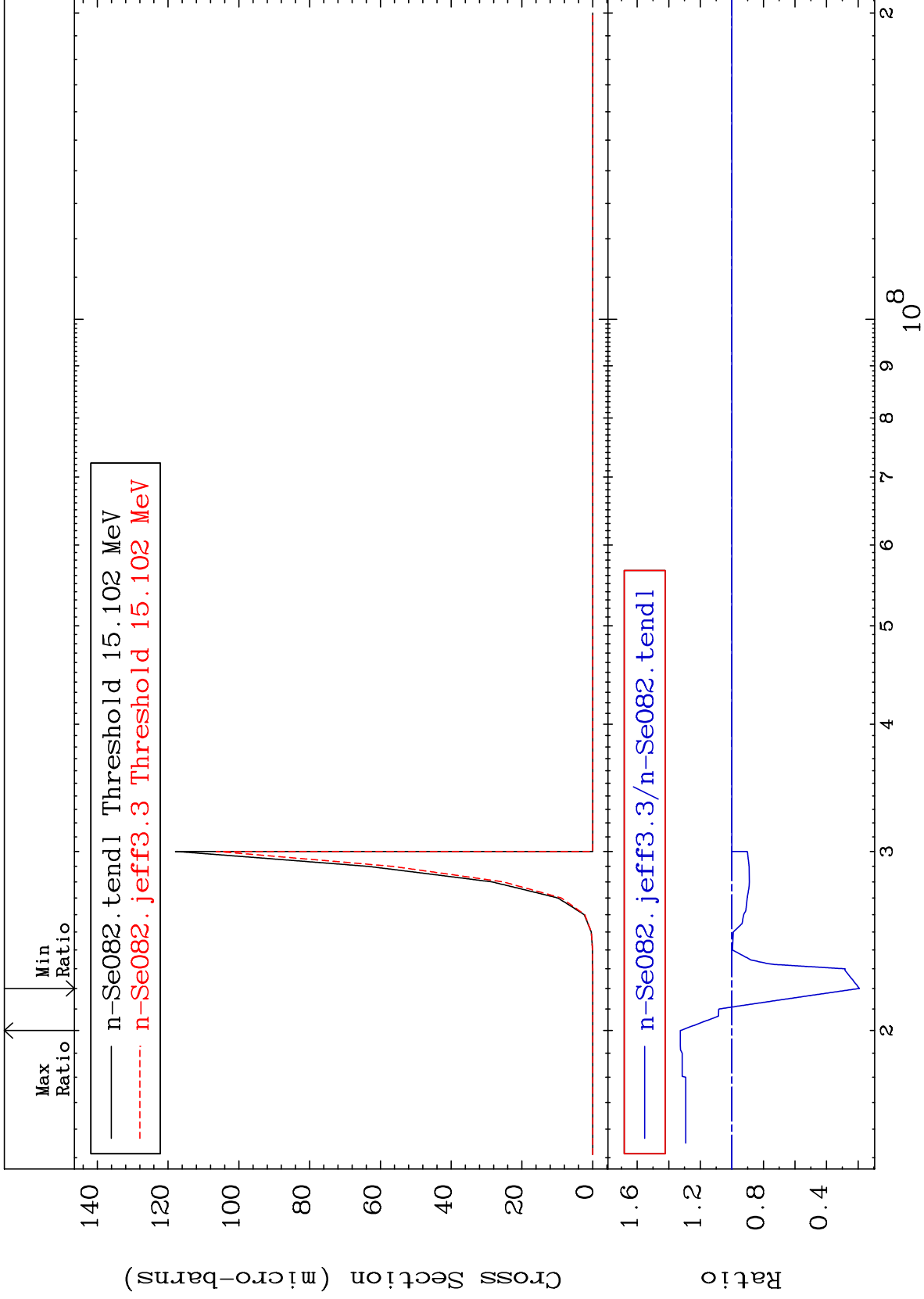
³⁴Se-82

MAT 3449

(n, t)
Cross Section

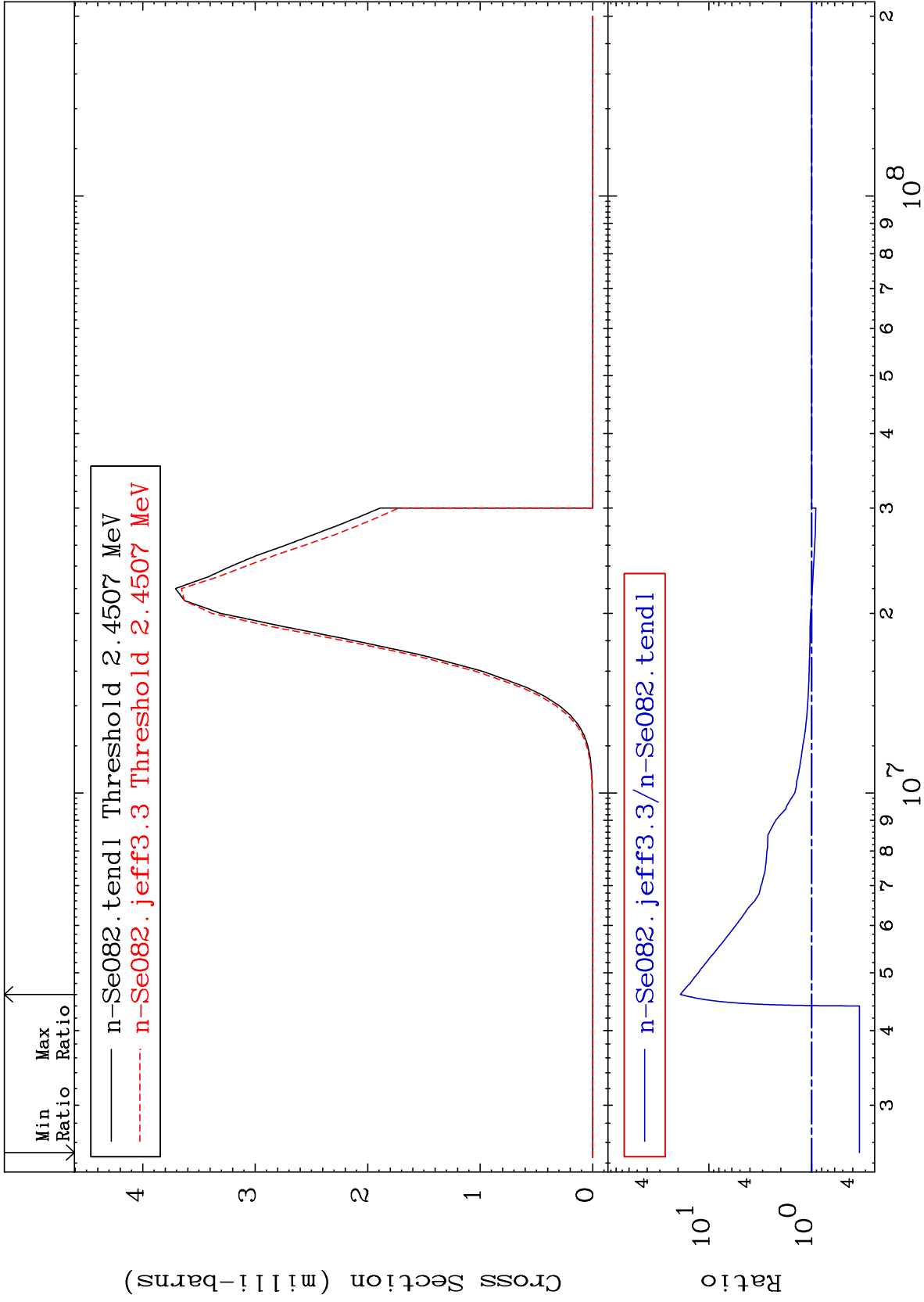
³⁴Se-82
-3.732 To 65.09 %





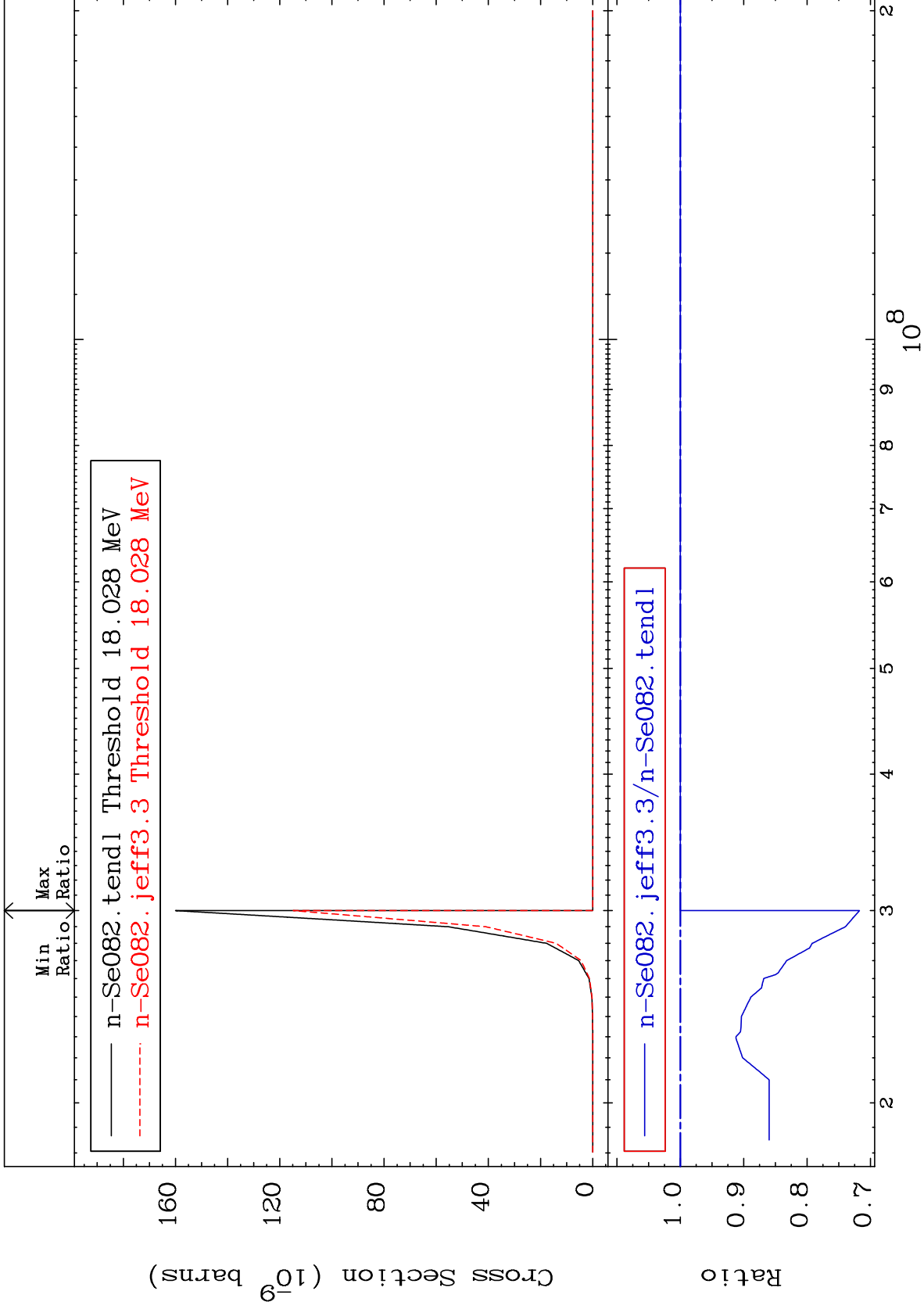
Cross Section

-65.64 To 1799. %



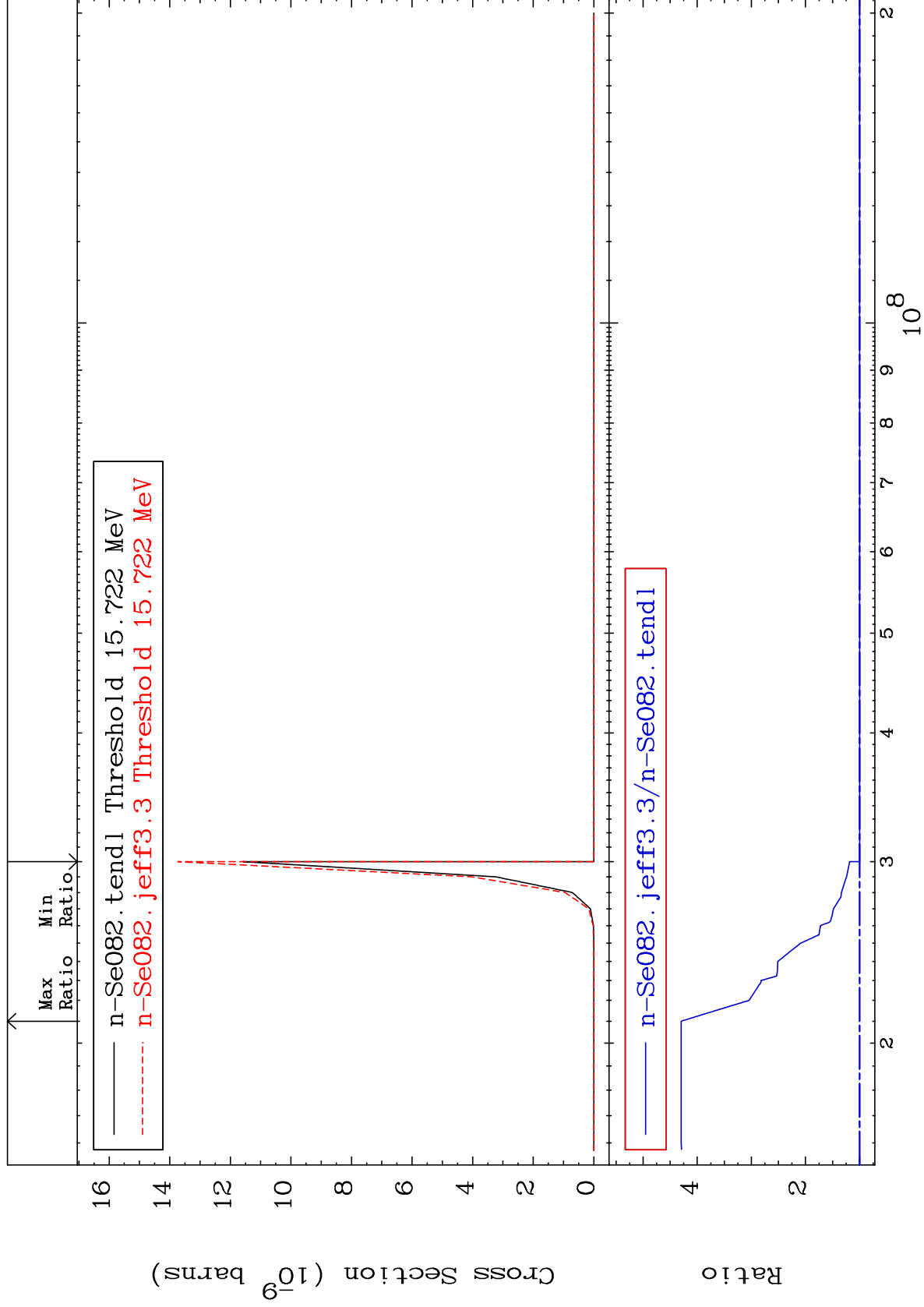
Cross Section

-28.26 To 0.000 %



MAT 3449

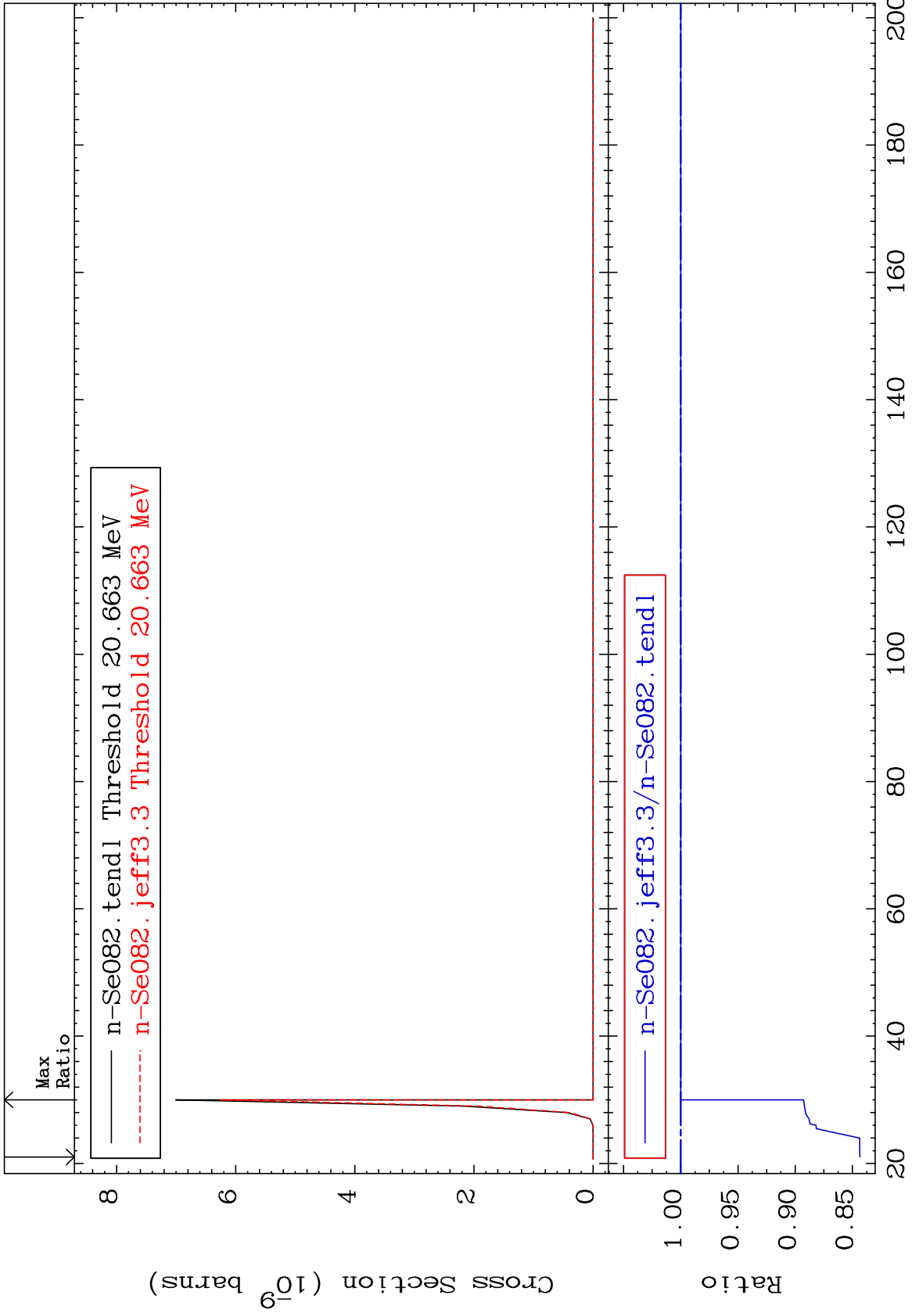
(n,p) α Cross Section $^{34}\text{Se-82}$ To 329.6 %



MAT 3449

(n,p) d
Cross Section

³⁴Se-82
-15.65 To 0.000 %



57

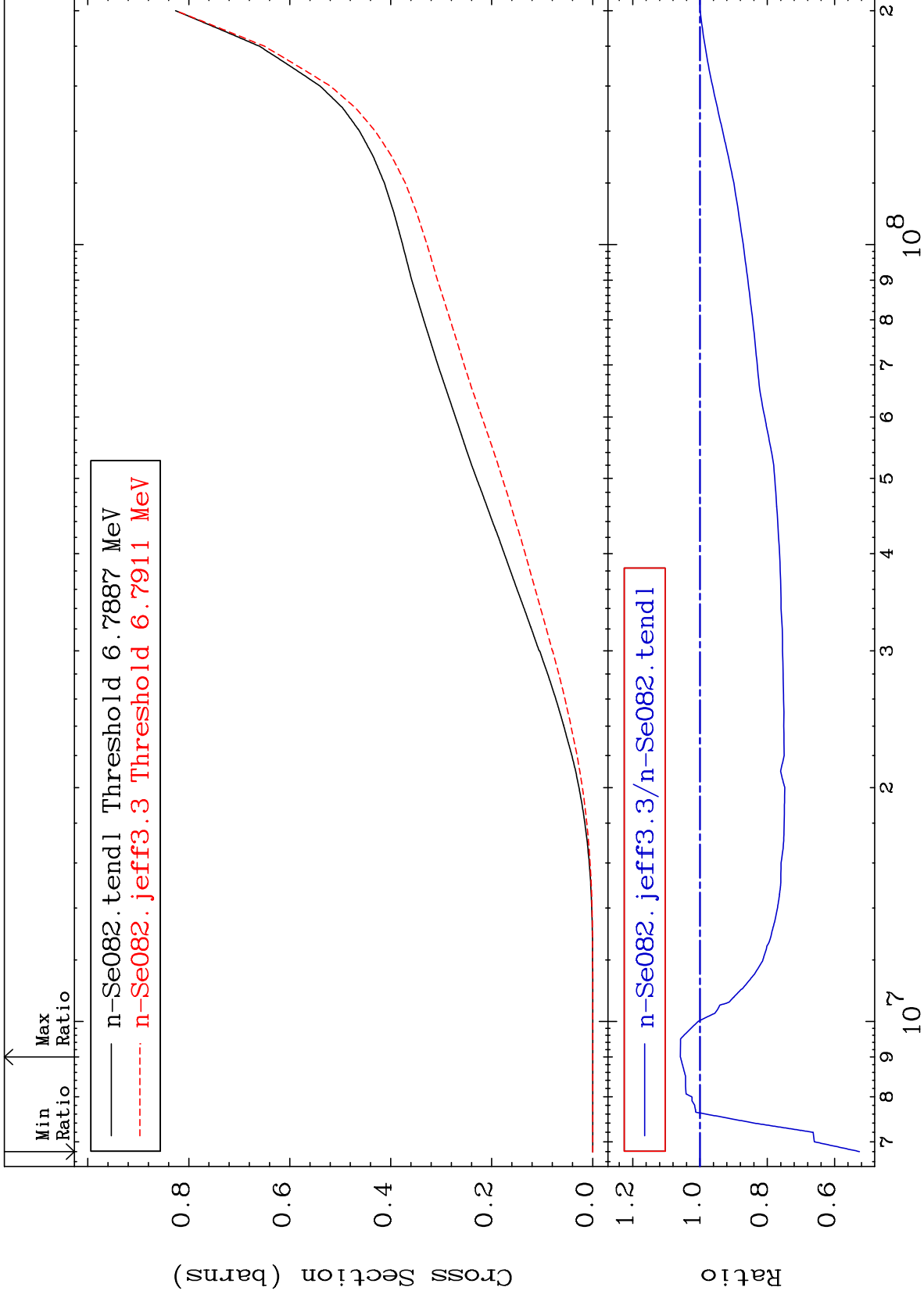
Incident Energy (MeV)

³⁴Se-82

MAT 3449

Hydrogen Production
Cross Section

$^{34}\text{Se-82}$
-47.39 To 5.840 %



58

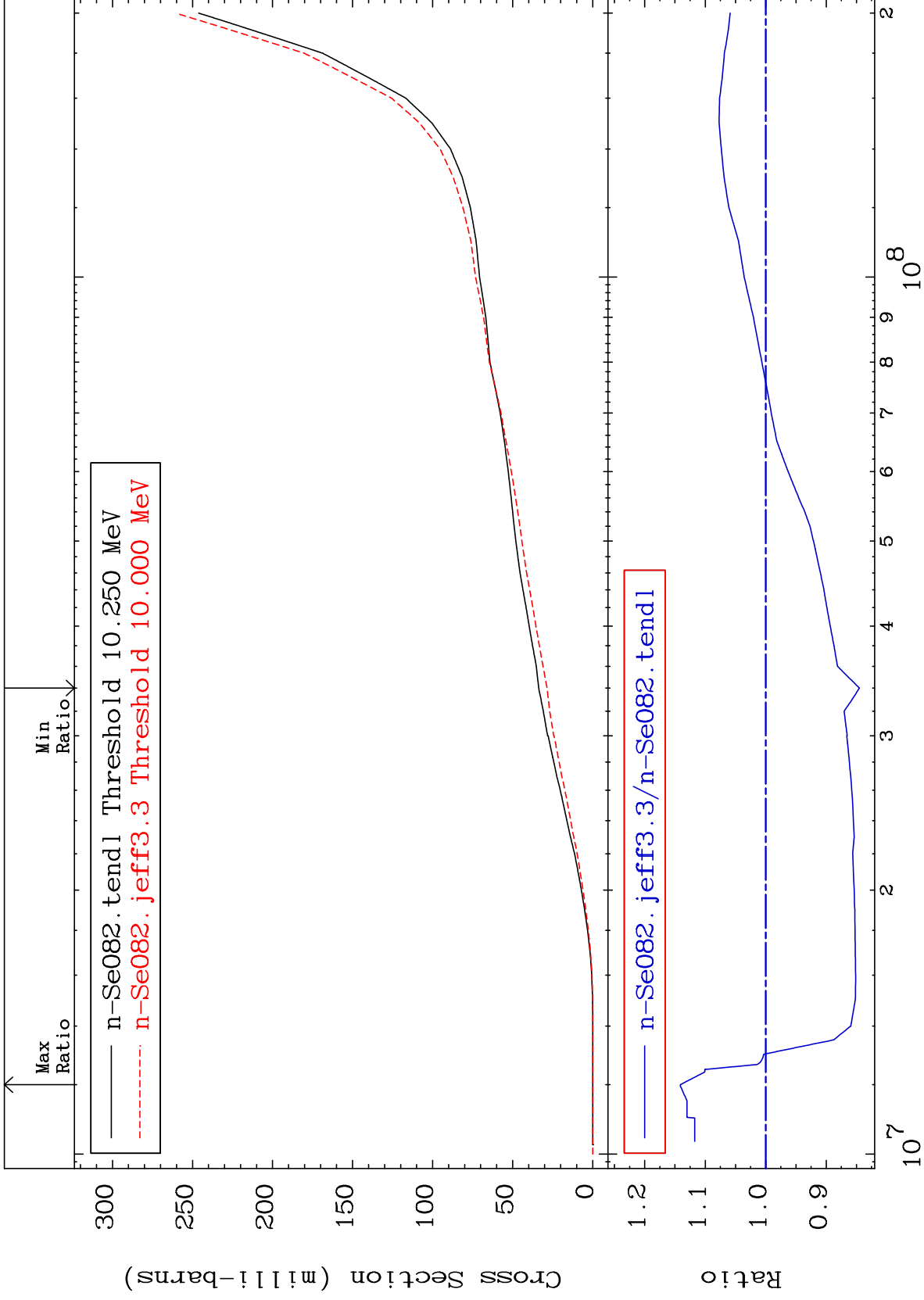
Incident Energy (eV)

$^{34}\text{Se-82}$

MAT 3449

Deuterium Production
Cross Section

³⁴Se-82
-15.48 To 14.11 %



59

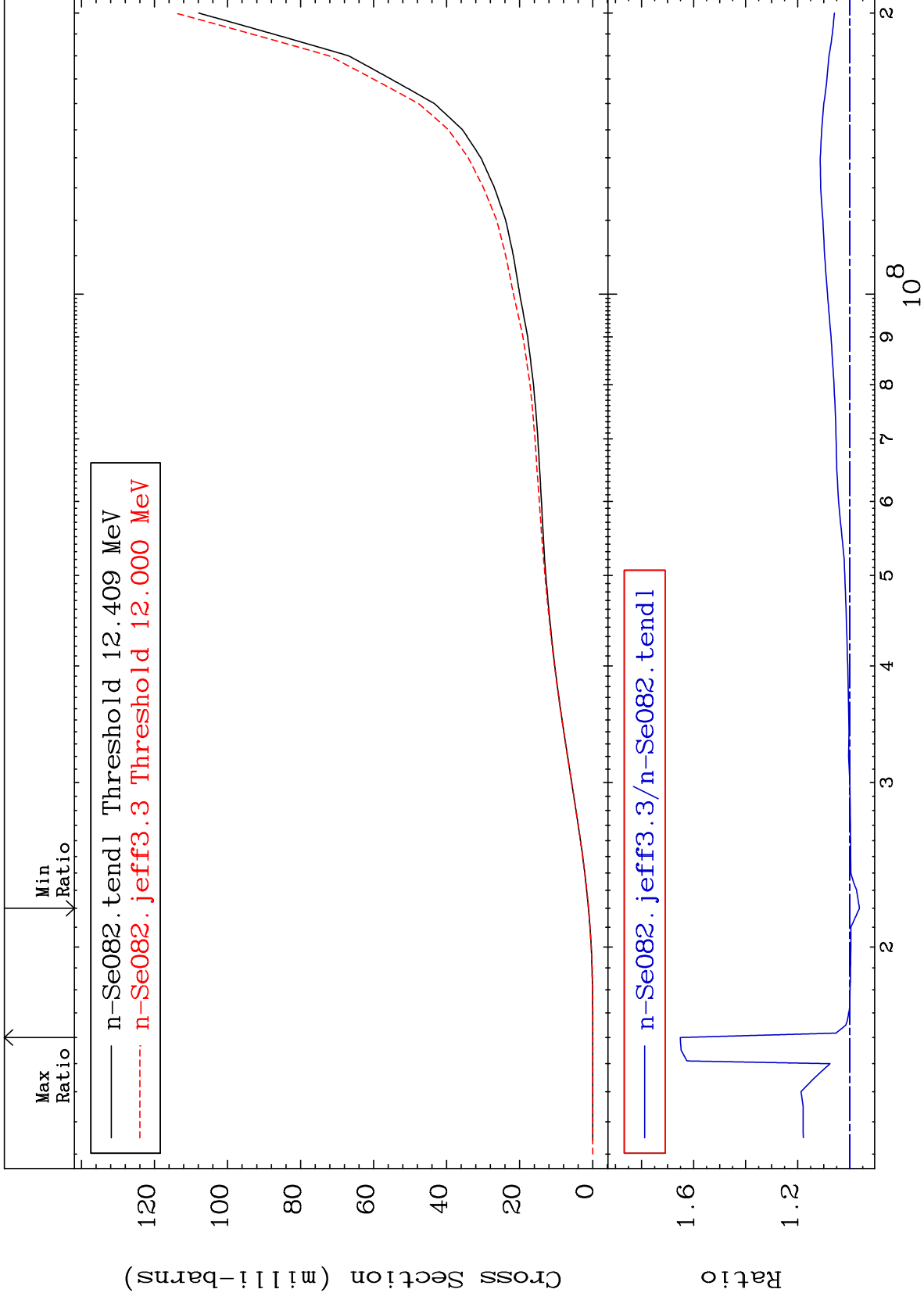
Incident Energy (eV)

³⁴Se-82

MAT 3449

Tritium Production
Cross Section

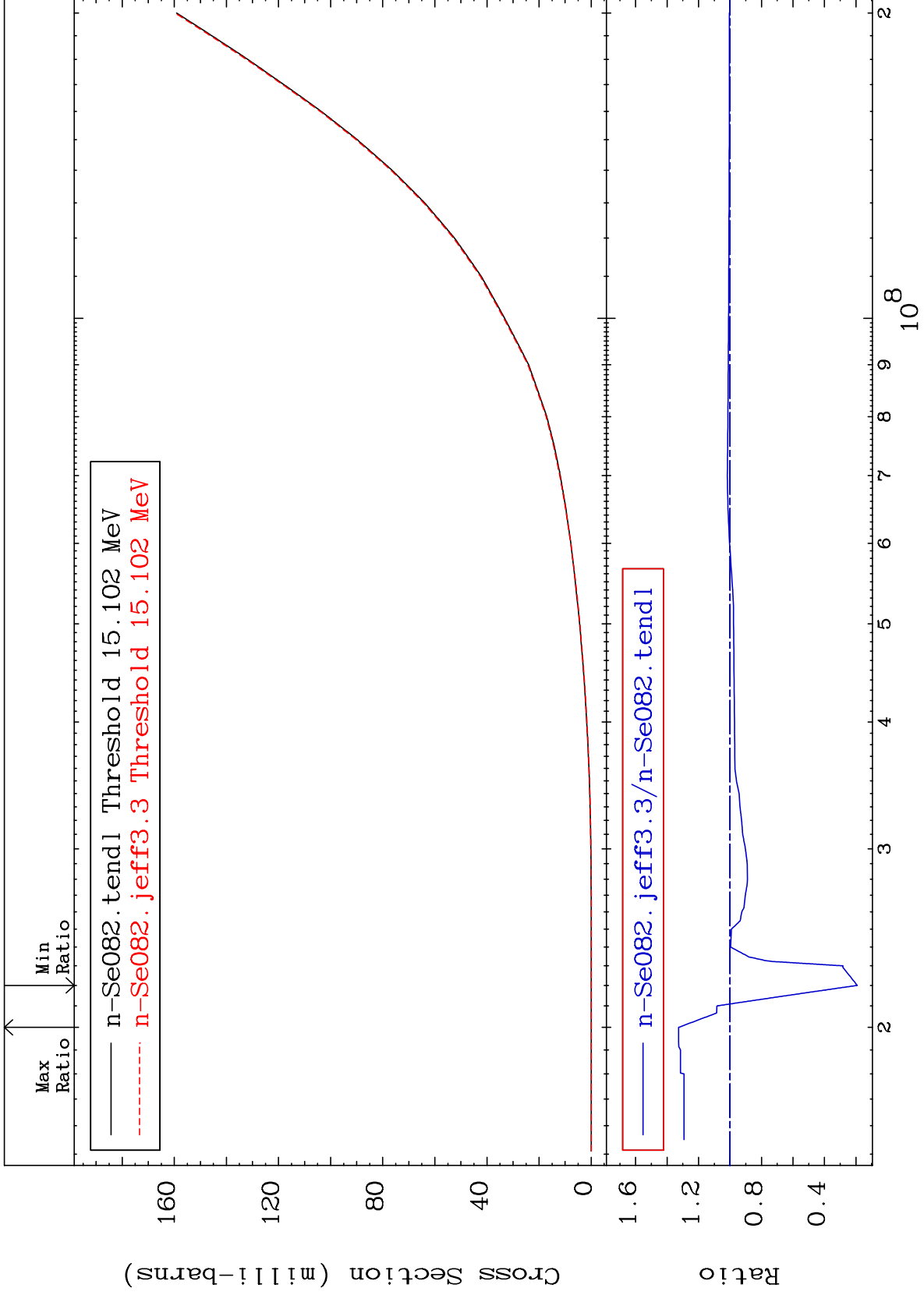
³⁴Se-82
-3.732 To 65.09 %



60

Incident Energy (eV)

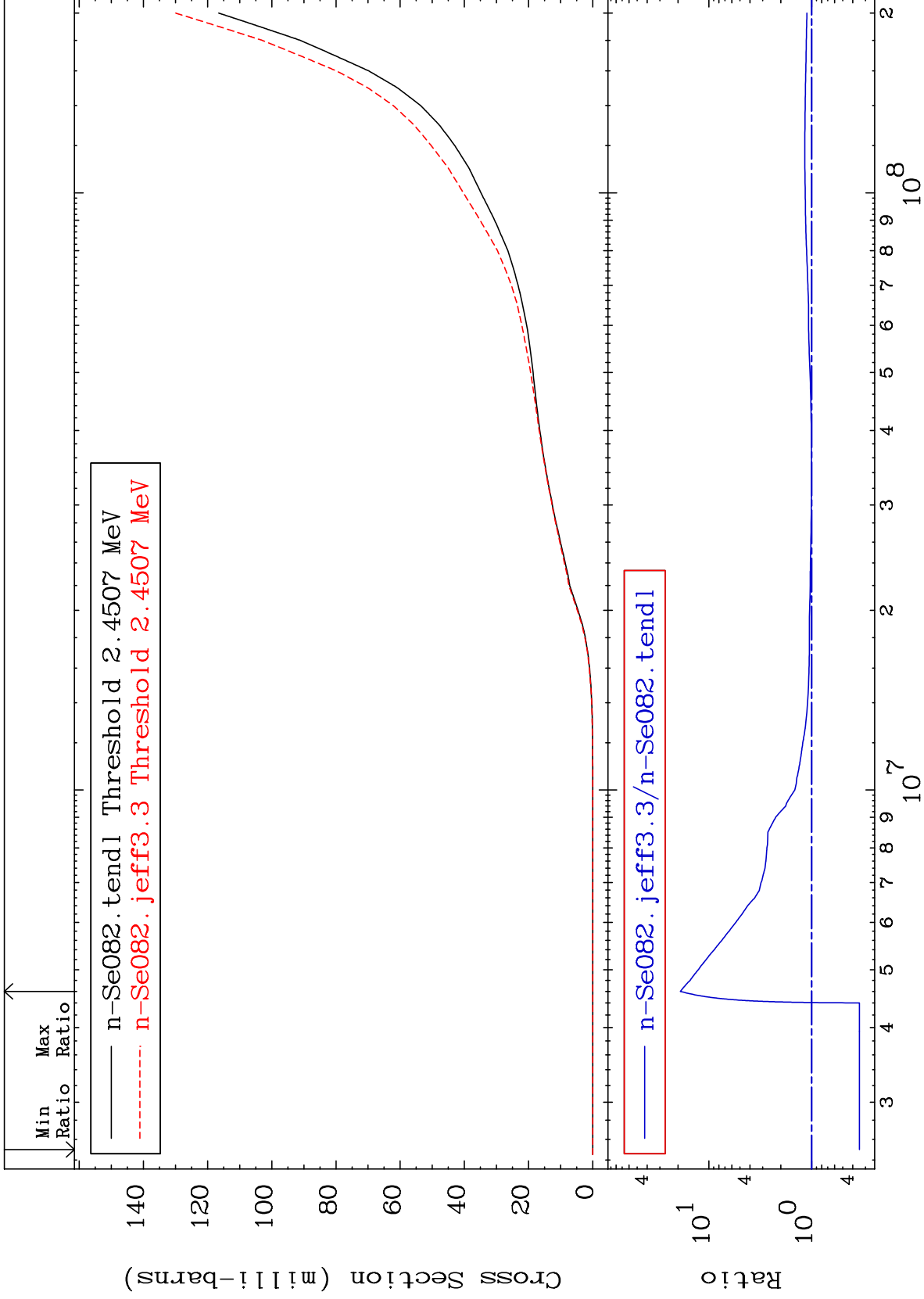
³⁴Se-82

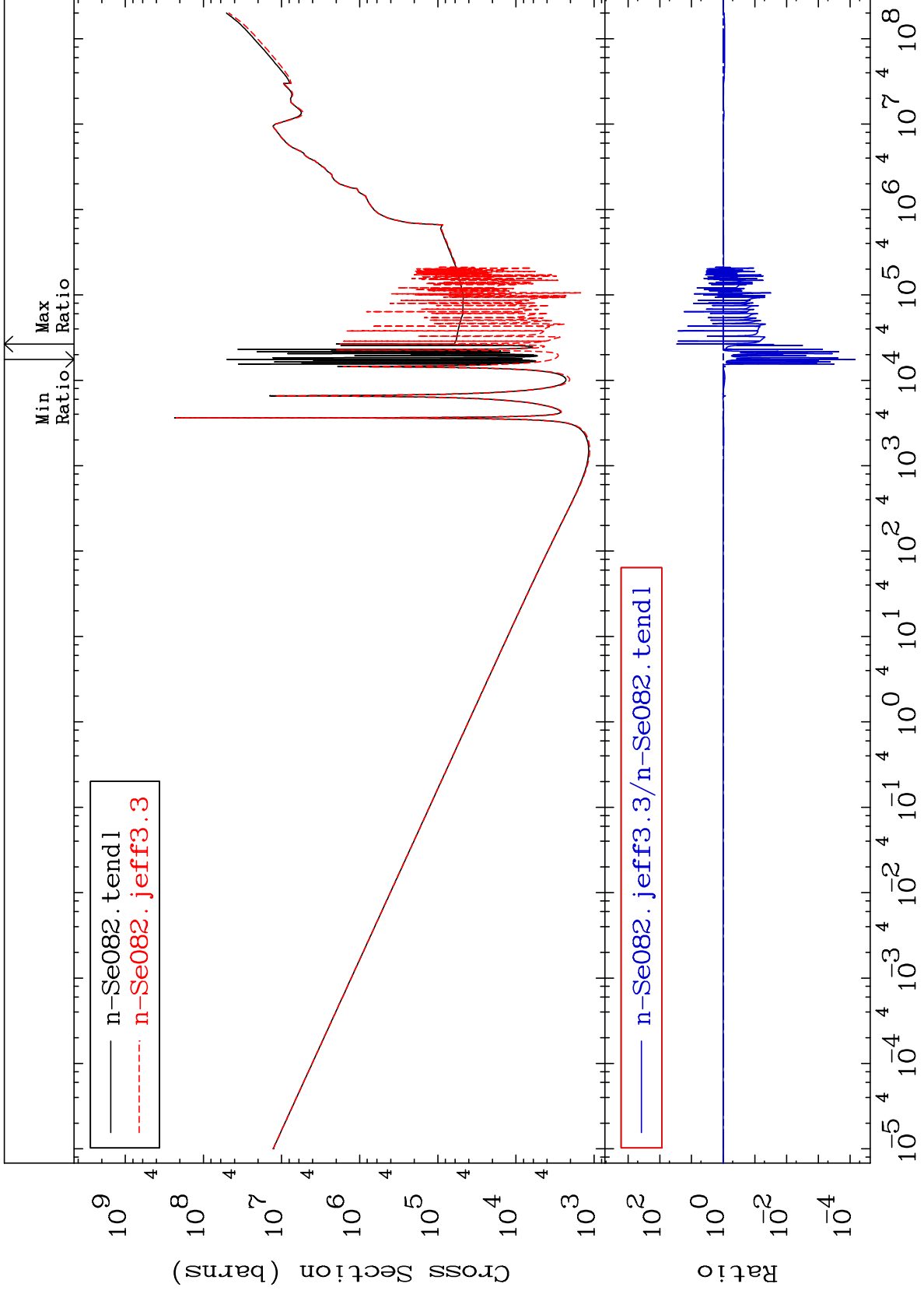


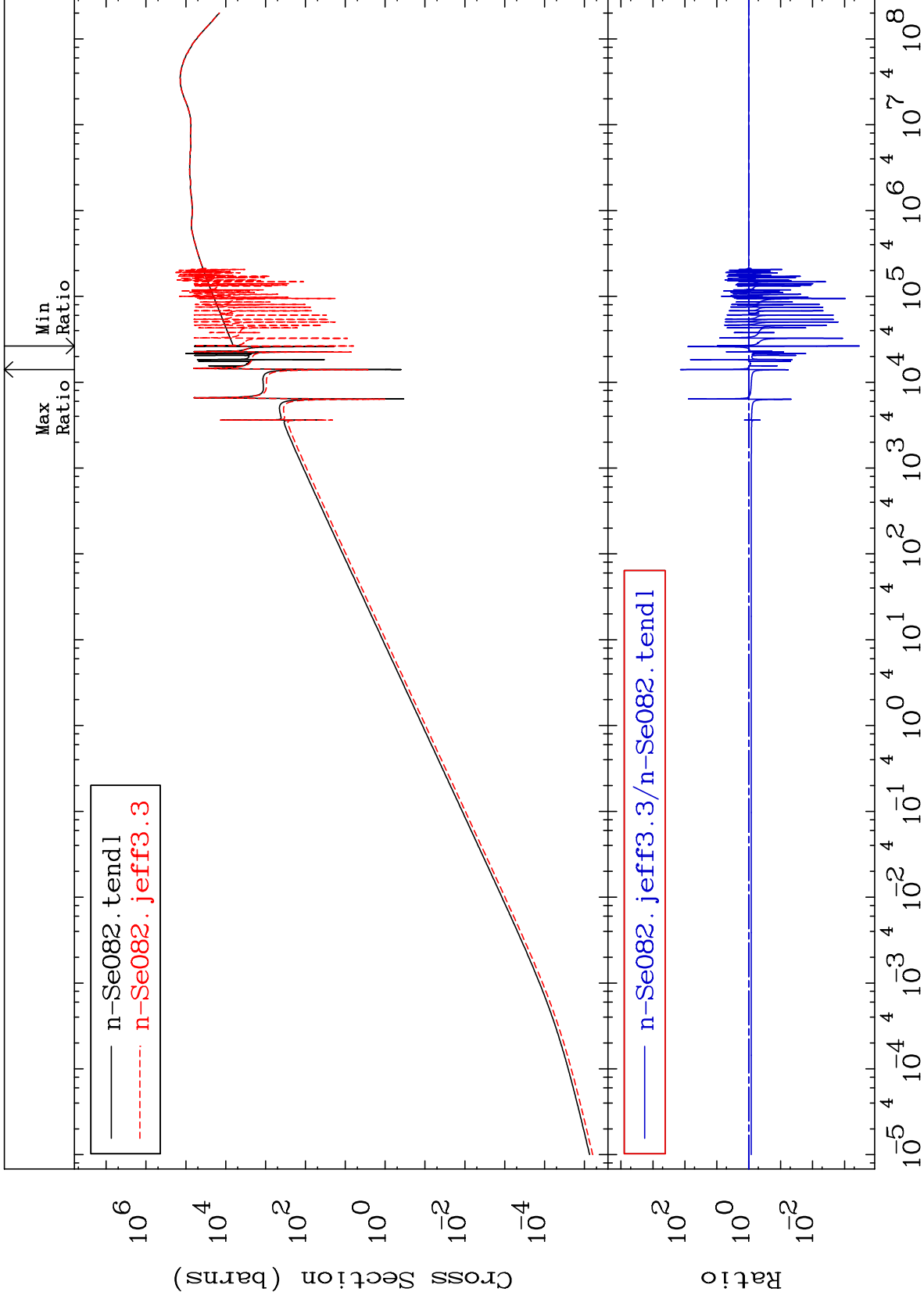
MAT 3449

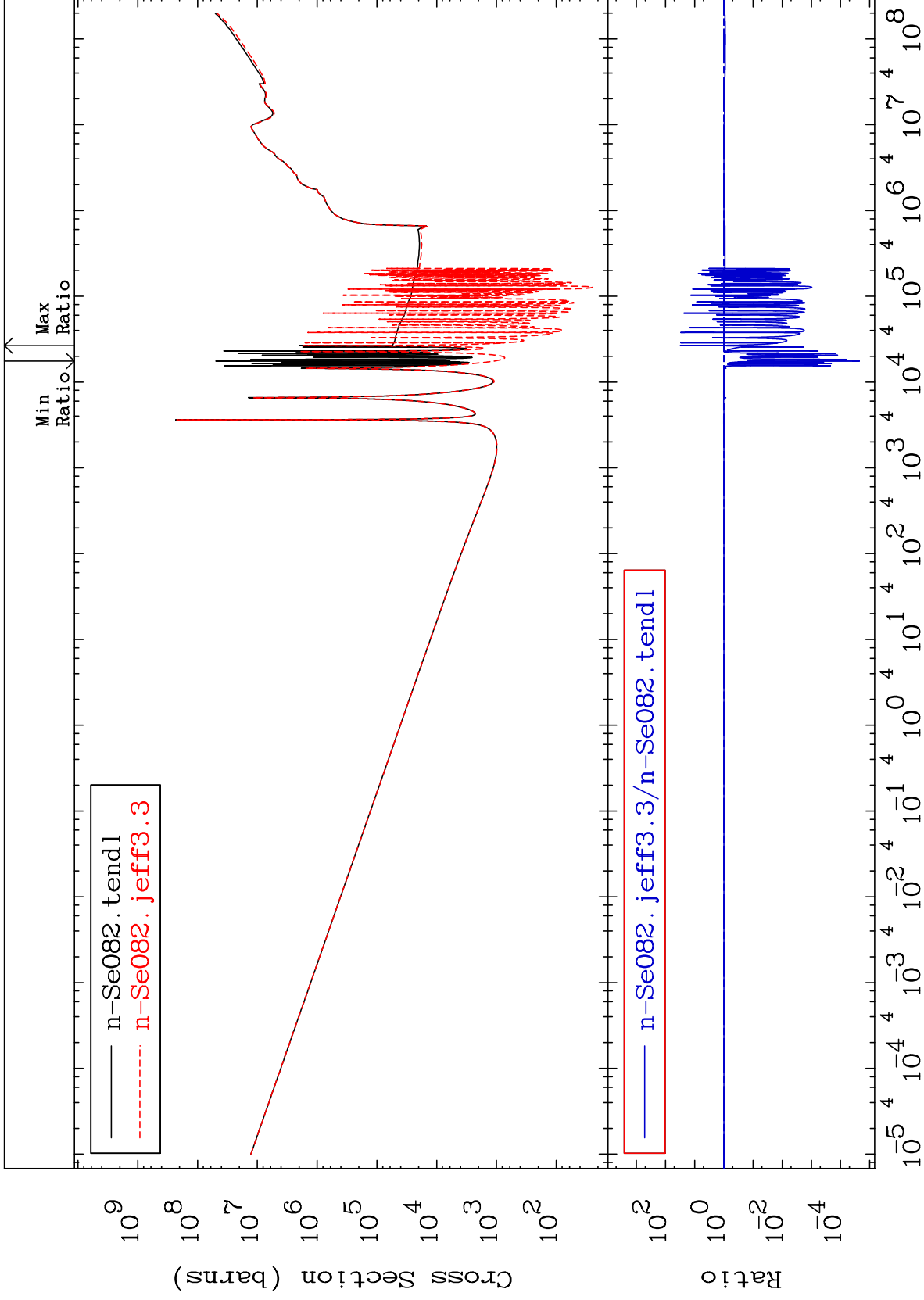
He-4 Production
Cross Section

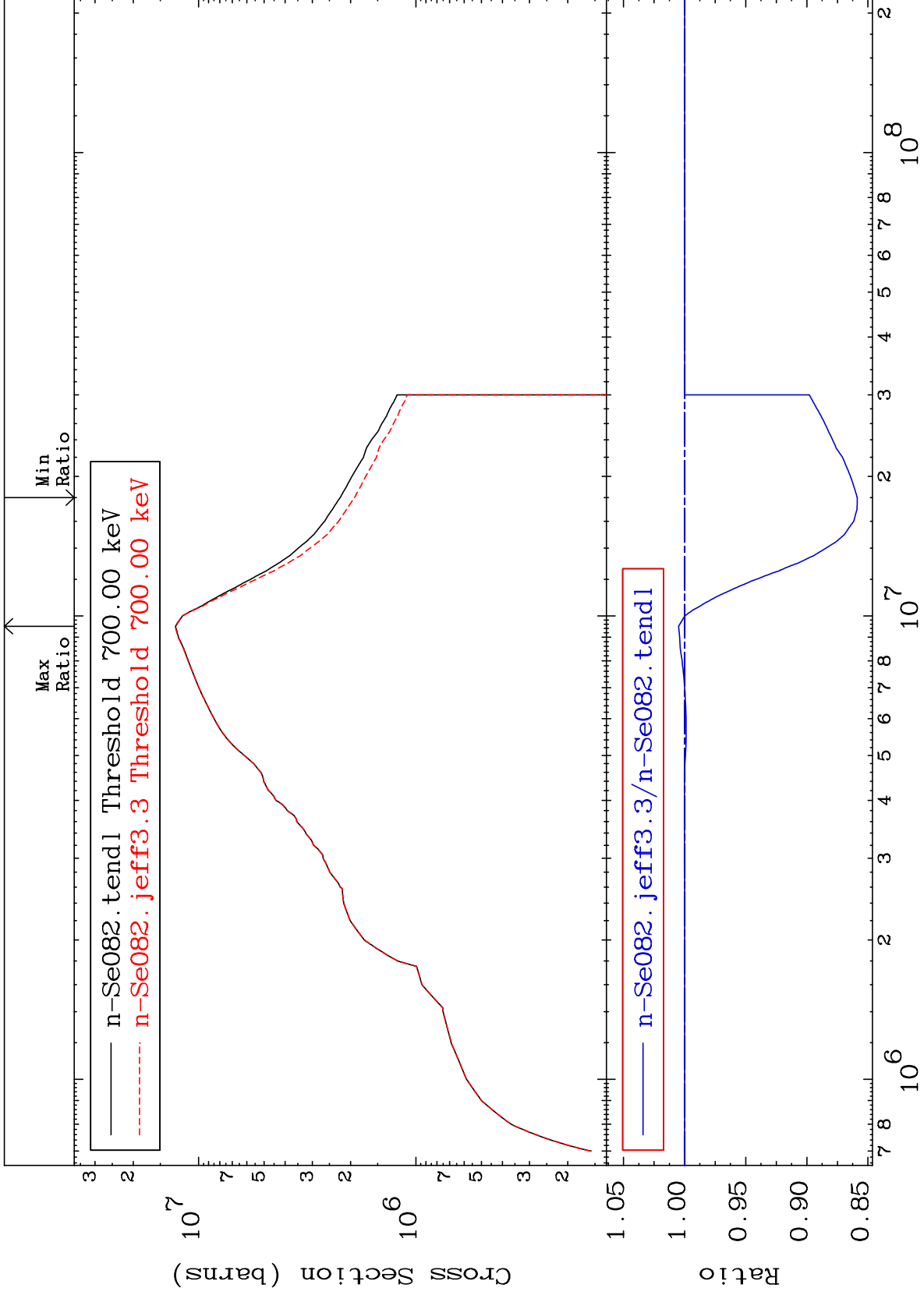
³⁴Se-82
-65.64 To 1799. %

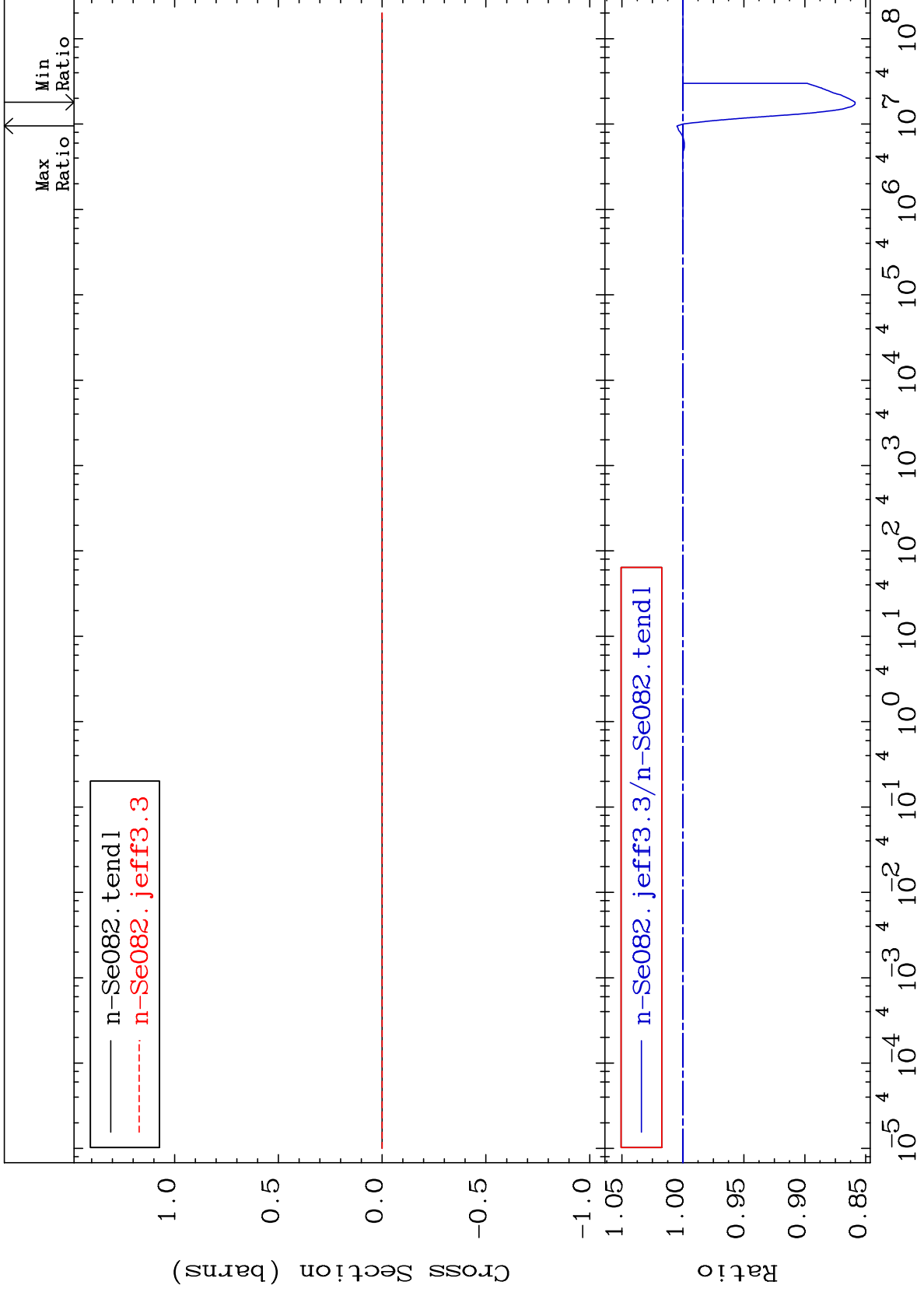


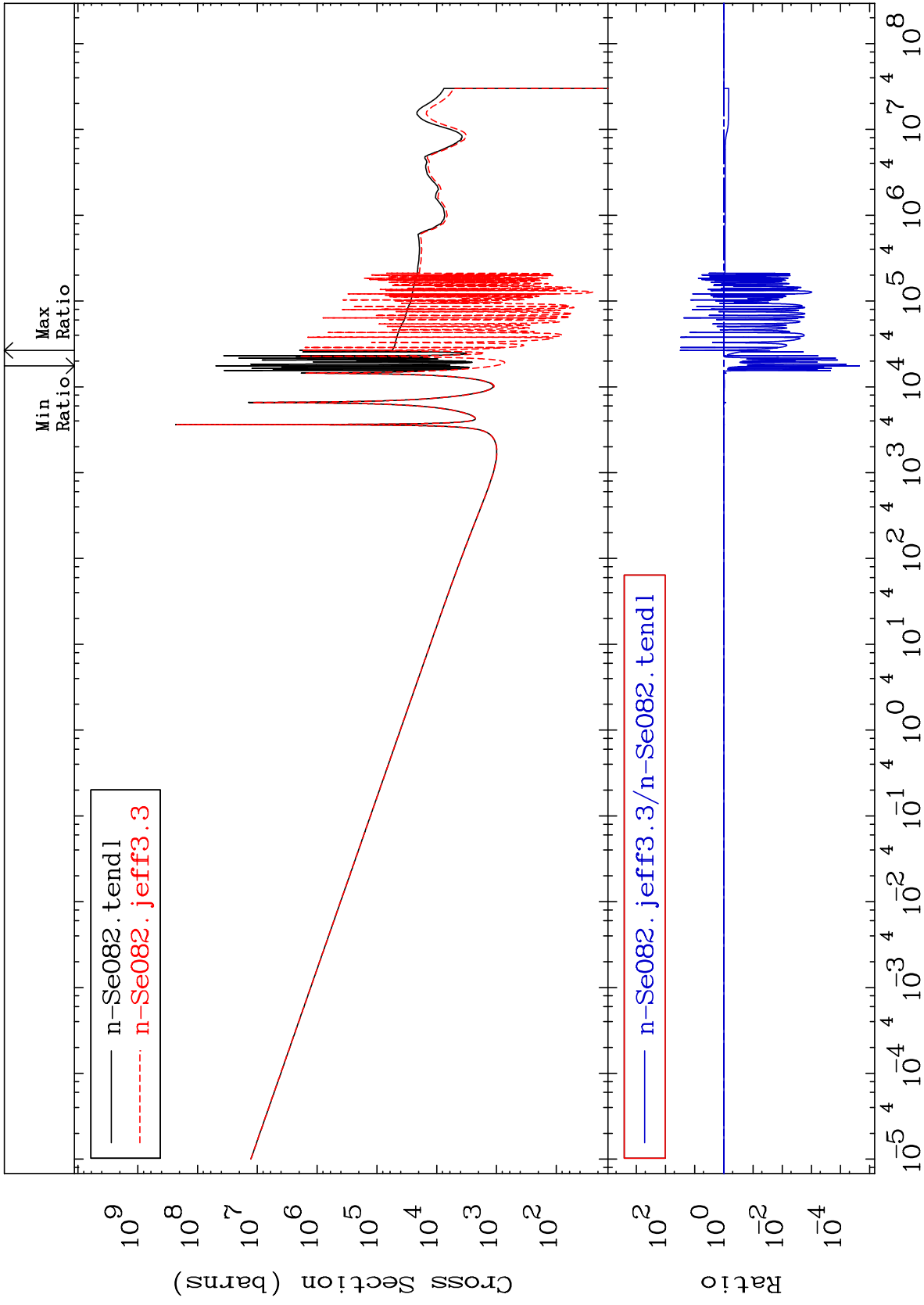


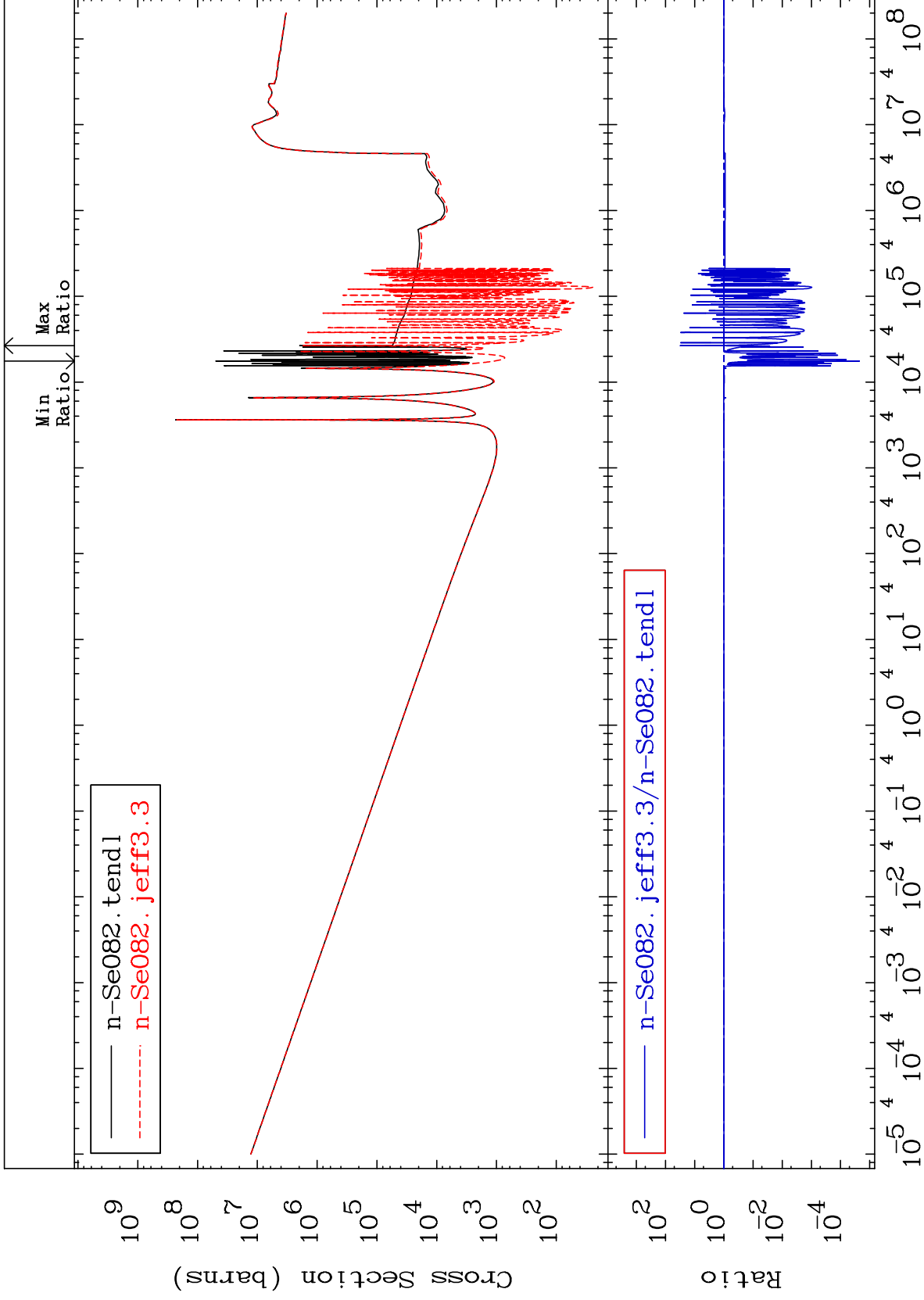


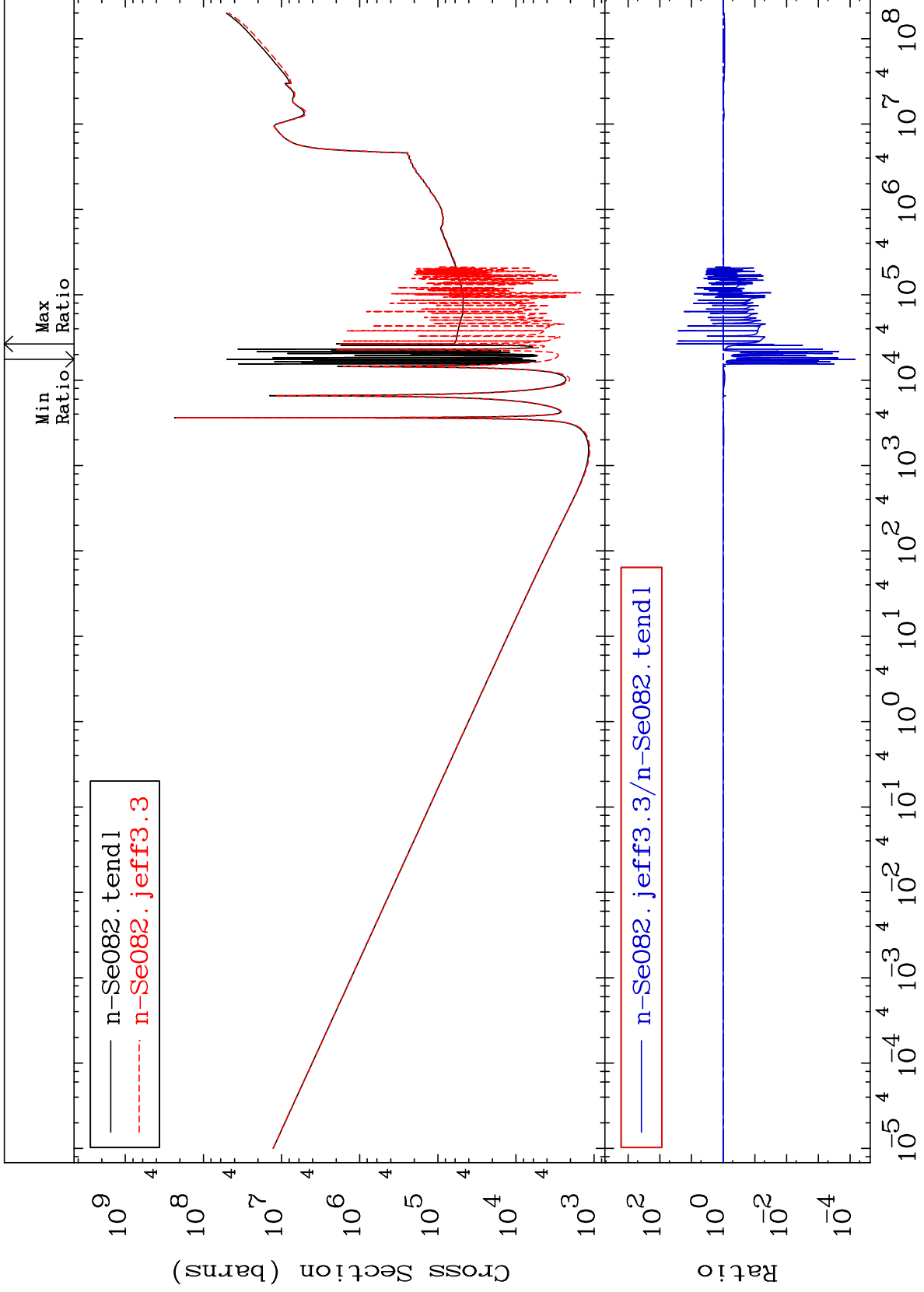


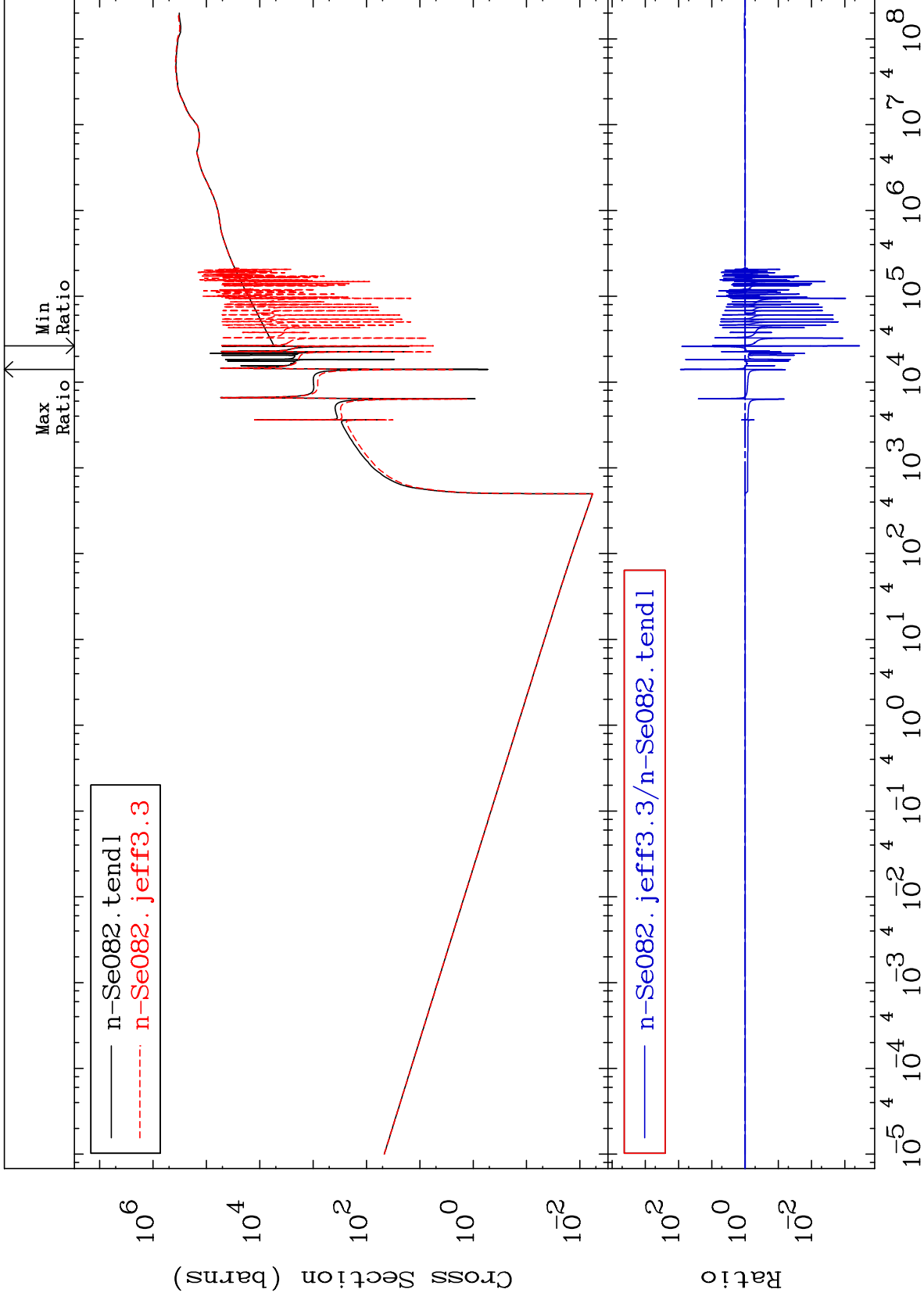








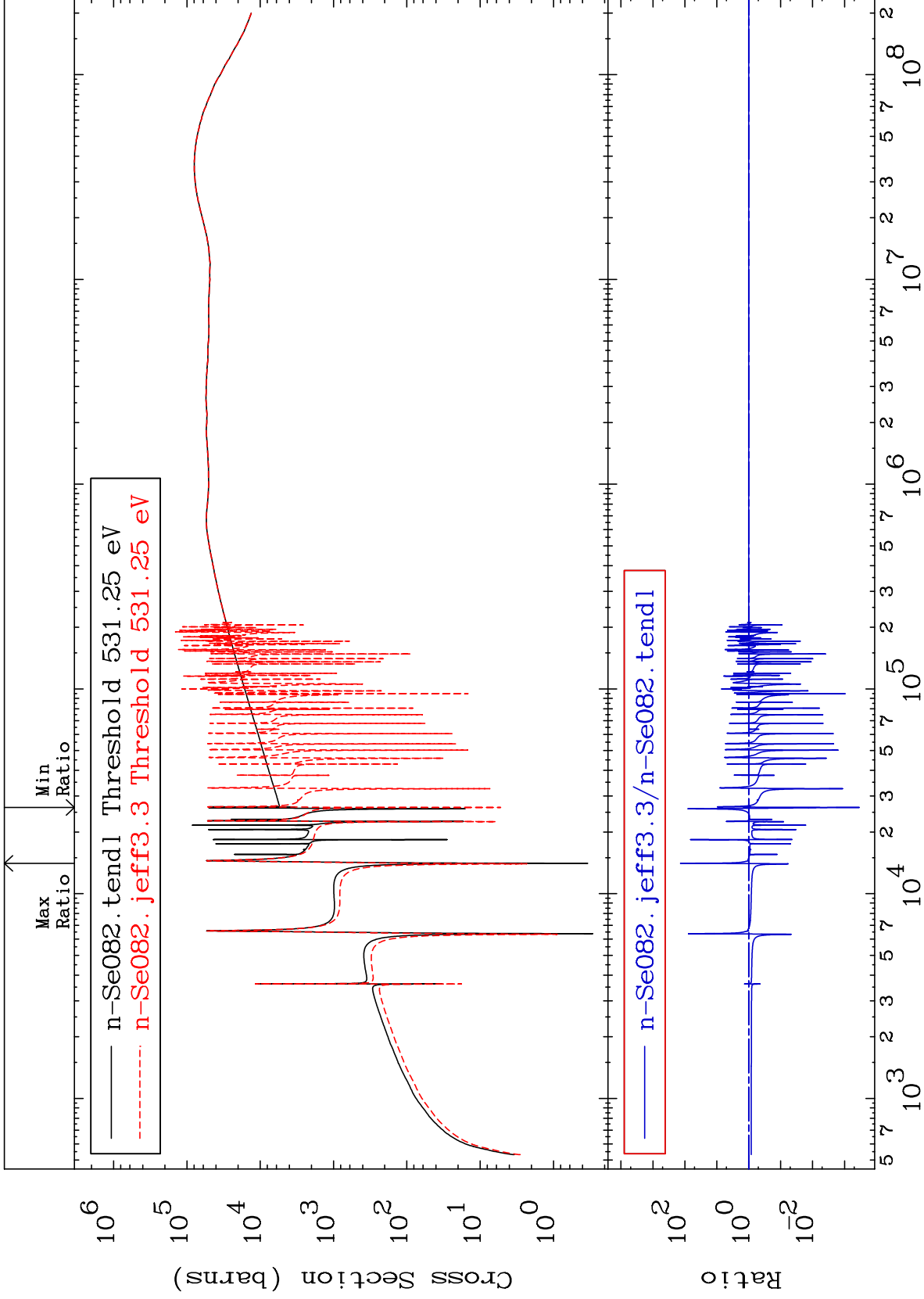


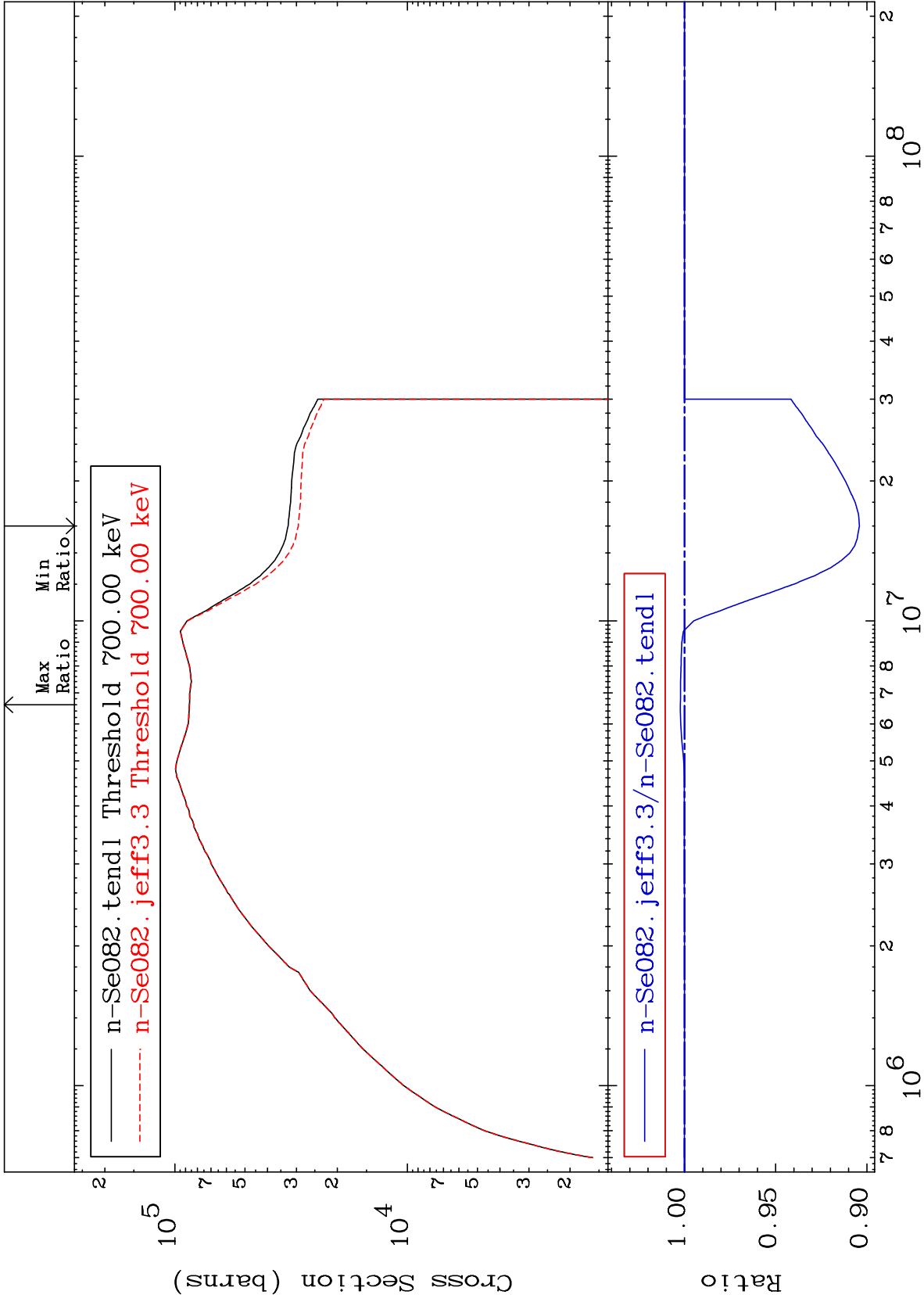


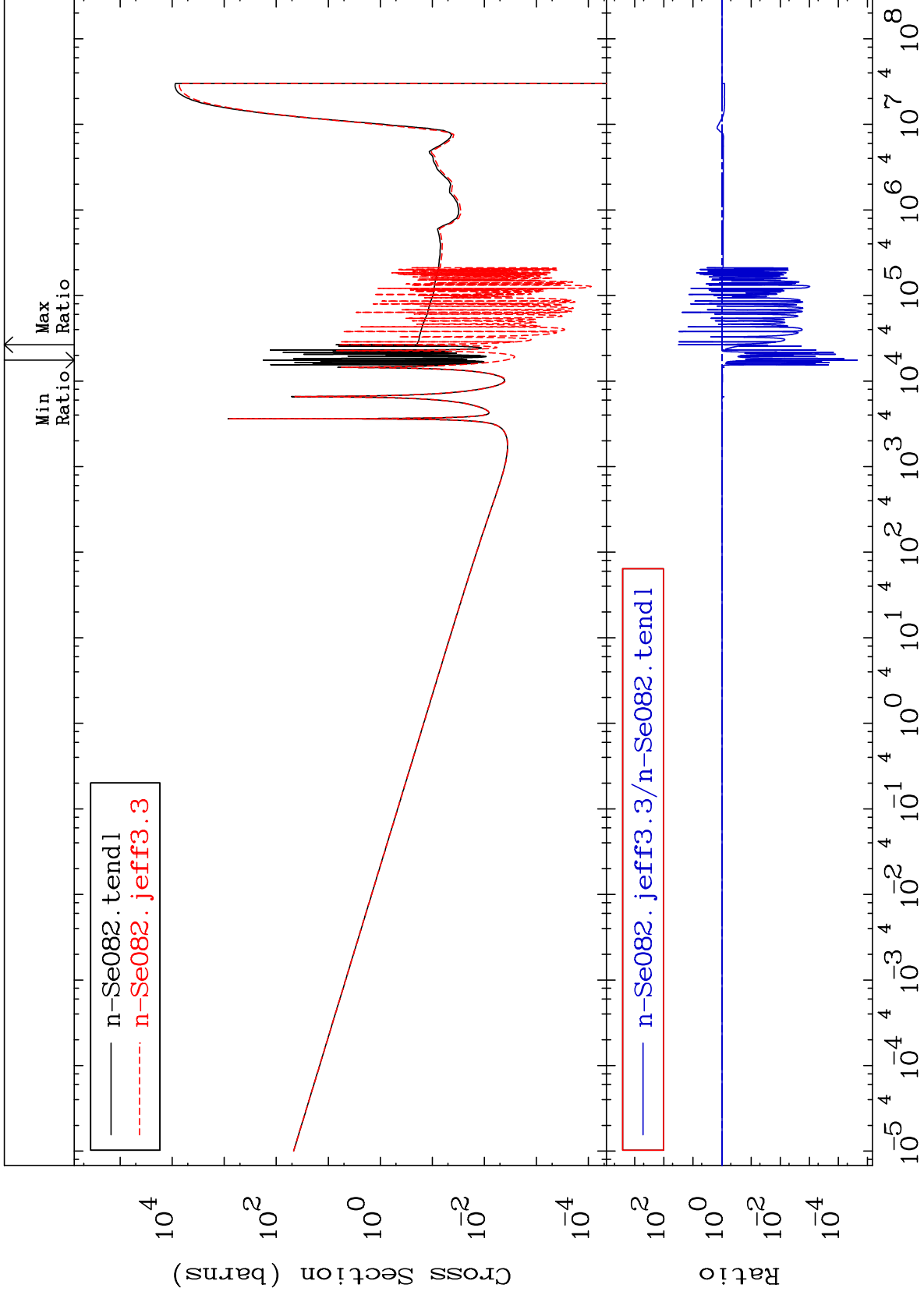
MAT 3449

Dpa elastic (mt2)
Cross Section

34-Se-82
-99.97 To 9999. %





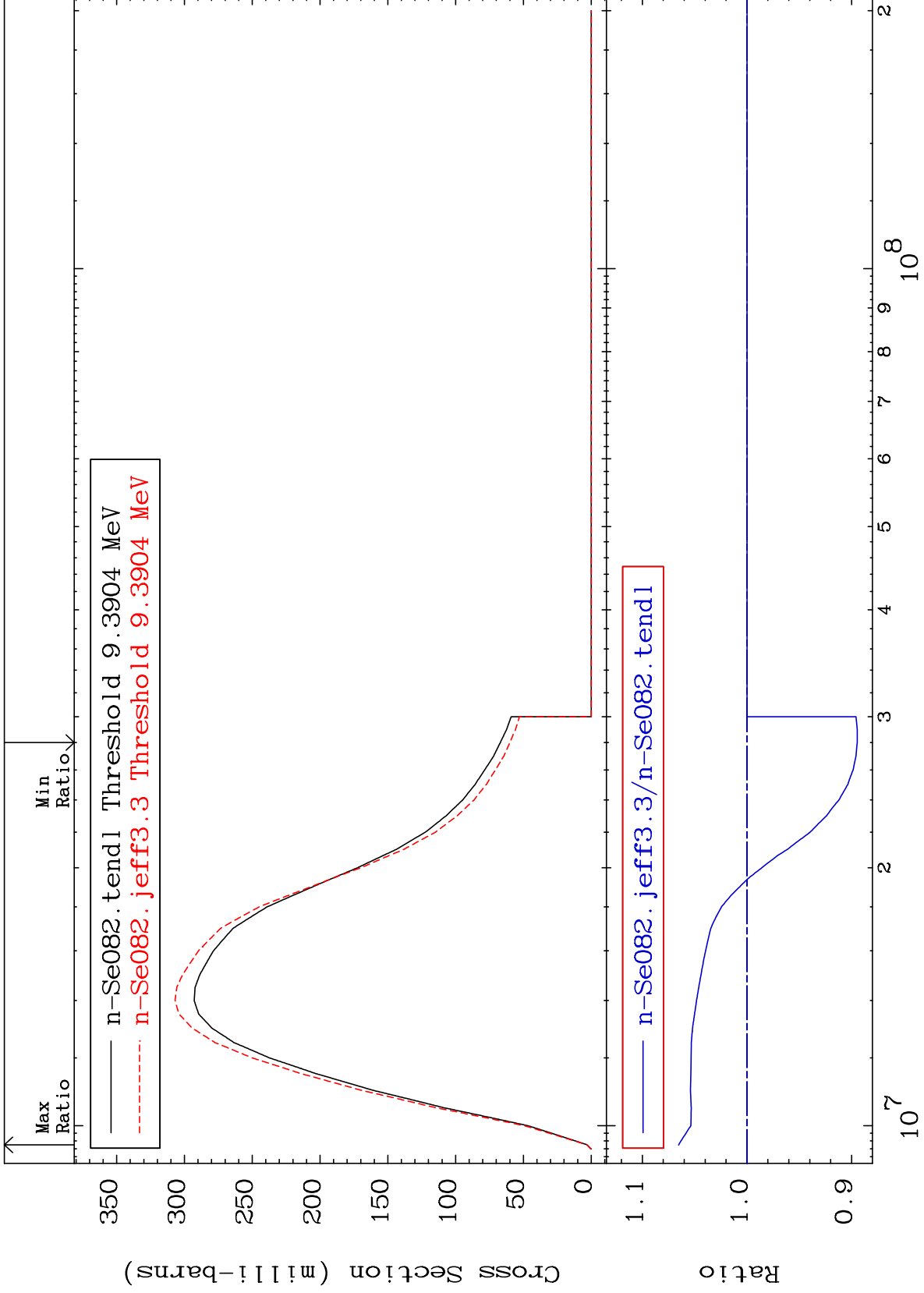


MAT 3449

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

34-Se-82

Radionuclide Production Cross Section -10.54 To 6.532 %



34-Se-82

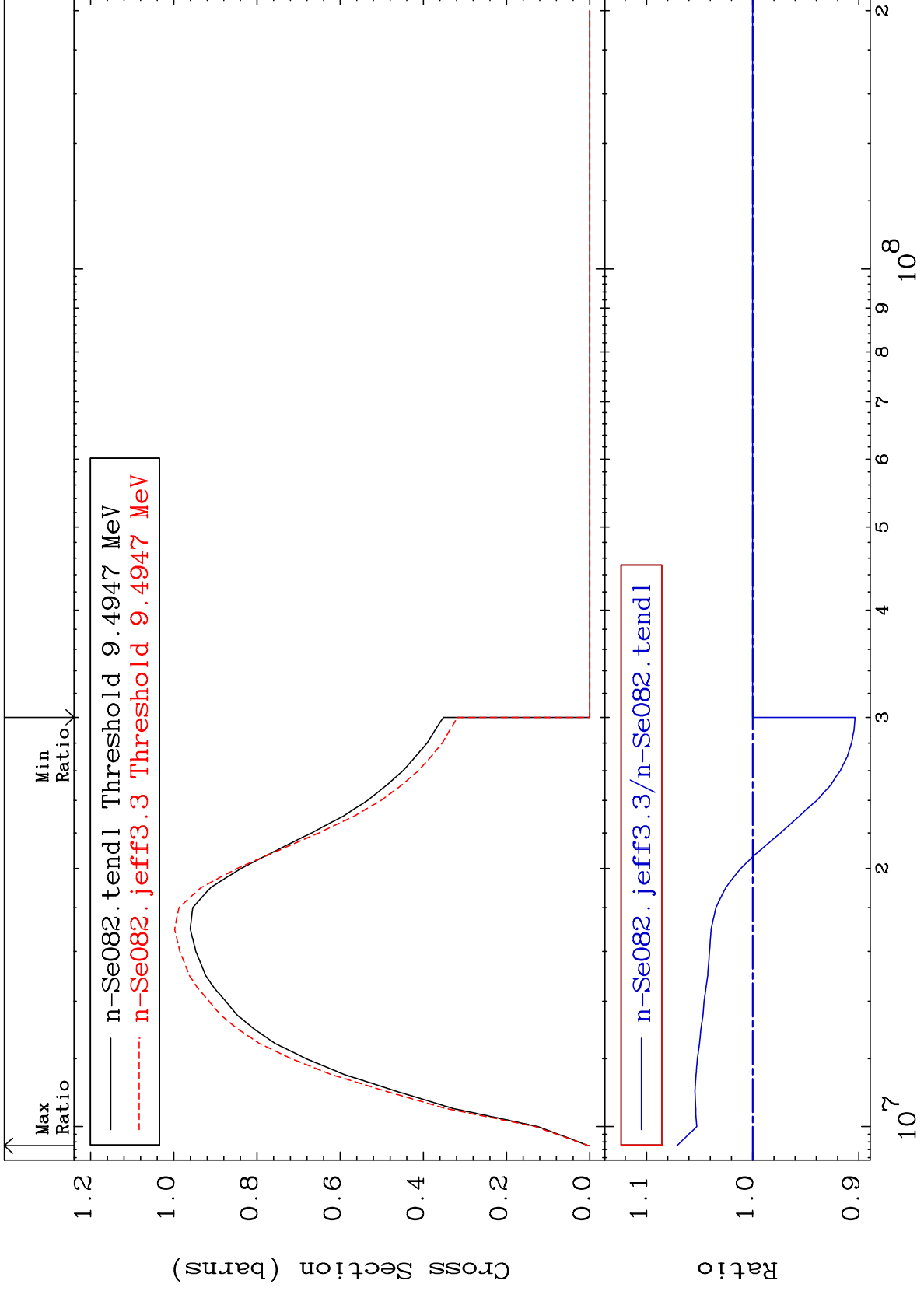
75

MAT 3449

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

34-Se-82

Radionuclide Production Cross Section -9.652 To 7.136 %



76

Incident Energy (eV)

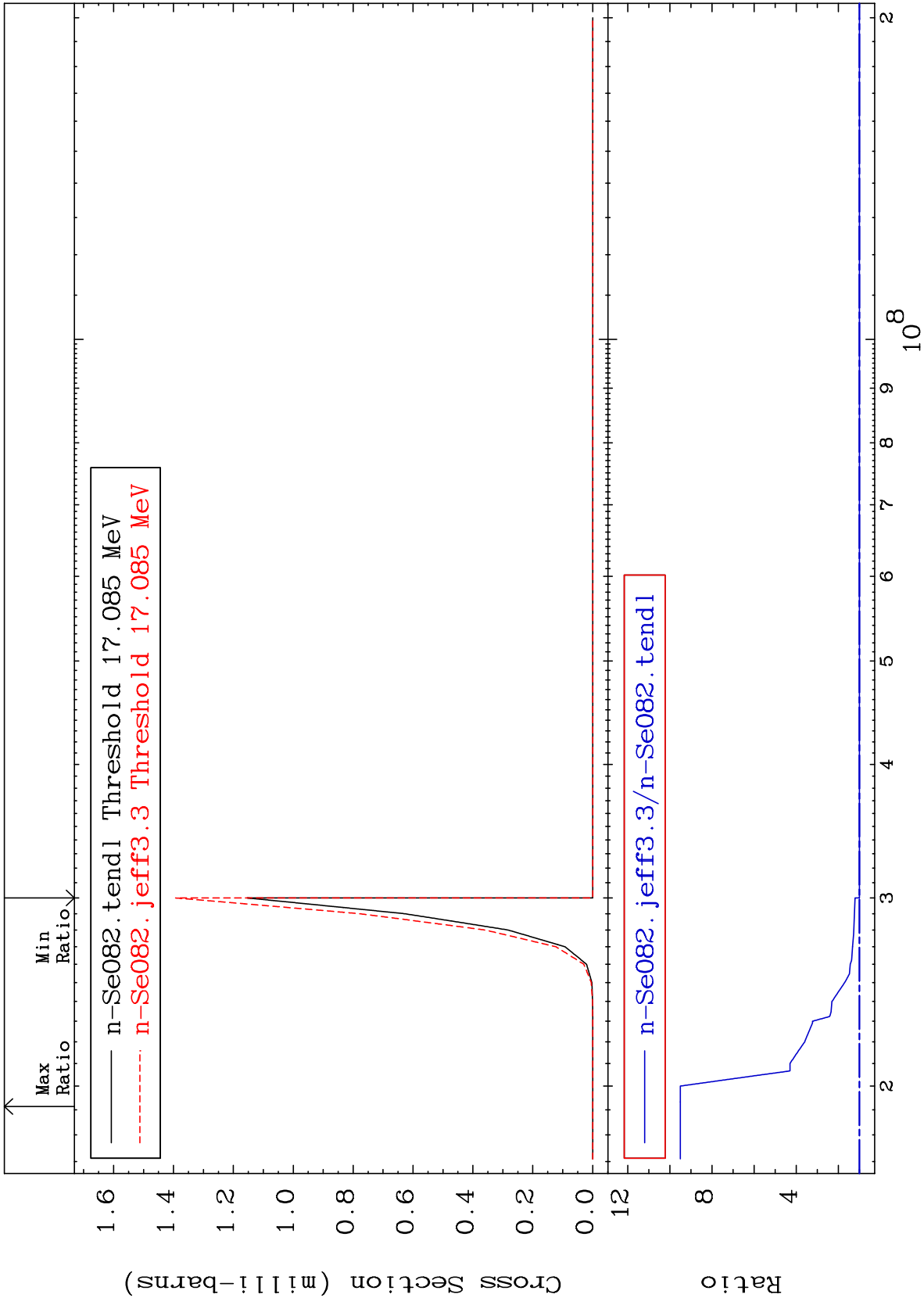
34-Se-82

MAT 3449

(n,2n) α :32-Ge-77g

34-Se-82

Radionuclide Production Cross Section 0.000 To 850.3 %



77

Incident Energy (eV)

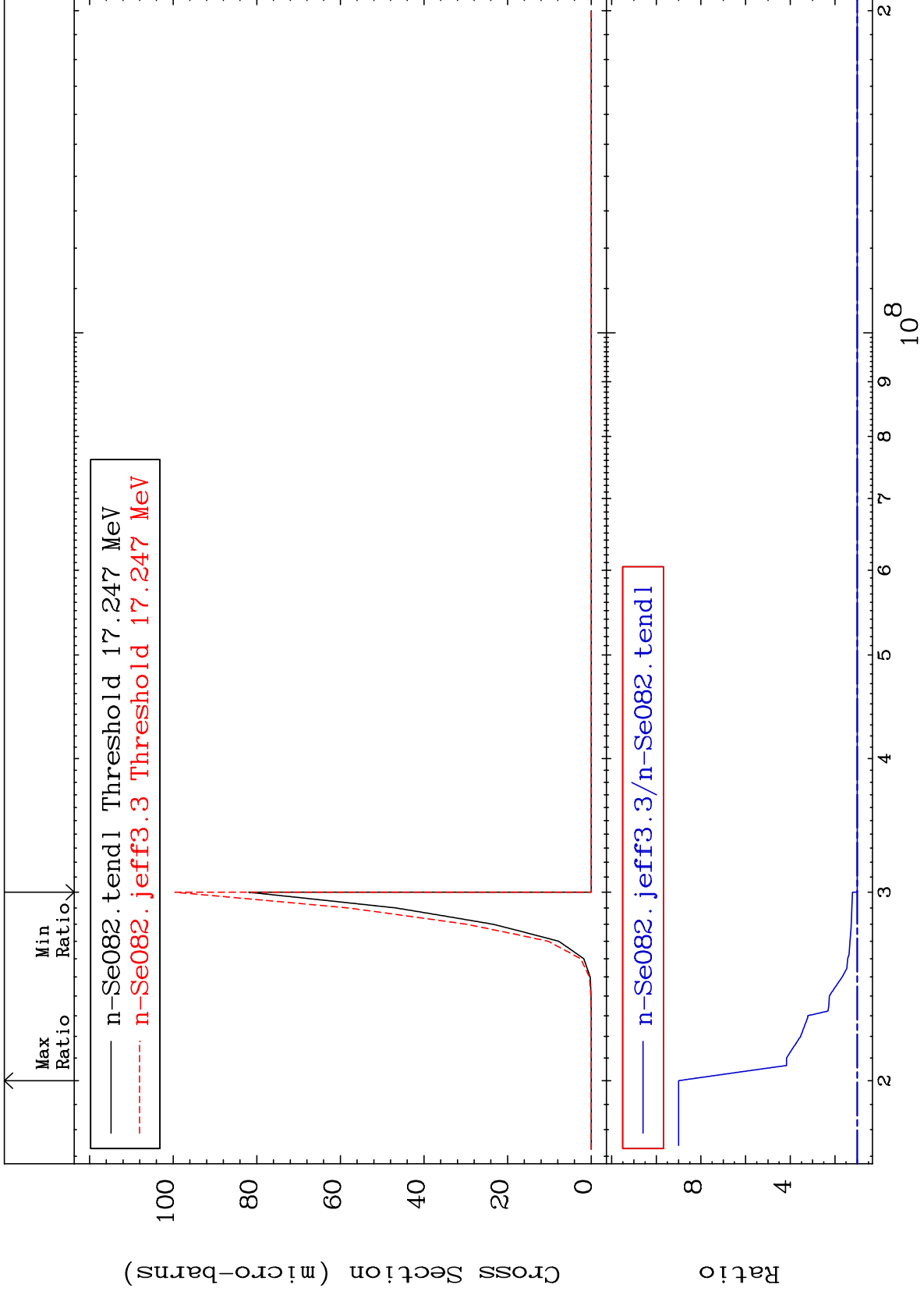
34-Se-82

MAT 3449

(n,2n) α :32-Ge-77m1

34-Se-82

Radionuclide Production Cross Section 0.000 To 799.8 %



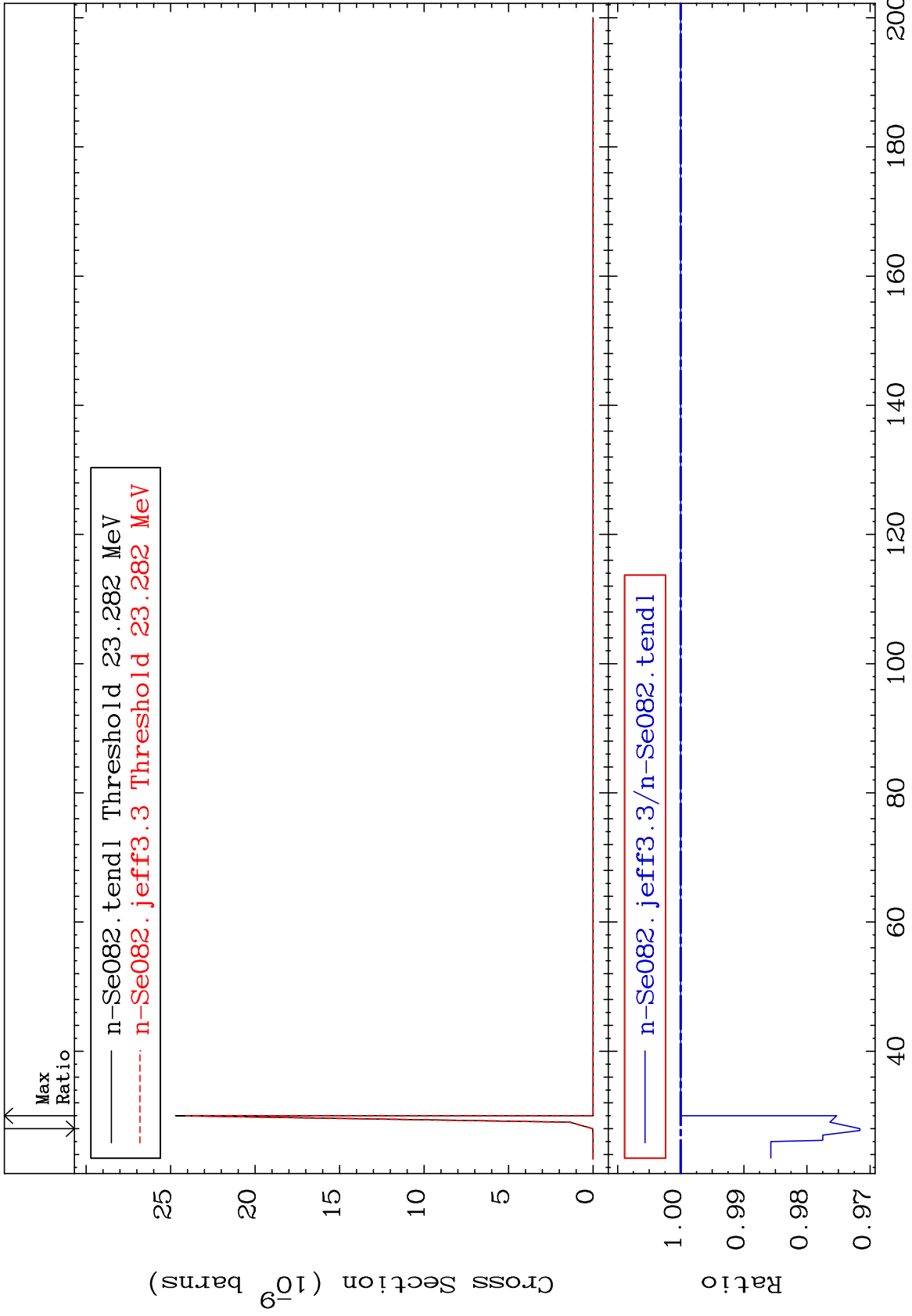
78

Incident Energy (eV)

34-Se-82

MAT 3449

(n, n') He-3:32-Ge-79g 34-Se-82
Radionuclide Production Cross Section -2.840 To 0.000 %



79

Incident Energy (MeV)

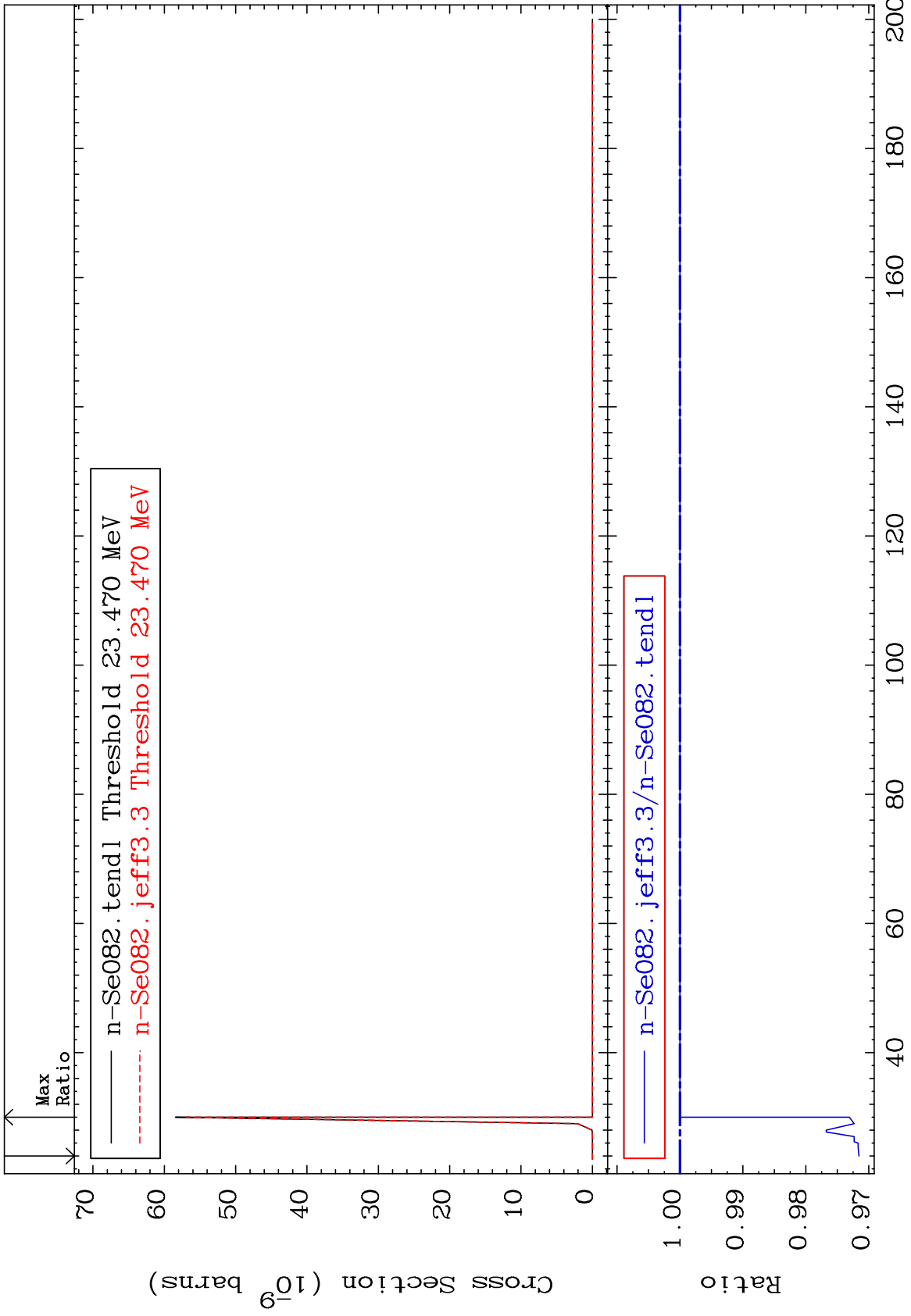
34-Se-82

MAT 3449

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

34-Se-82

Radionuclide Production Cross Section -2.844 To 0.000 %



80

Incident Energy (MeV)

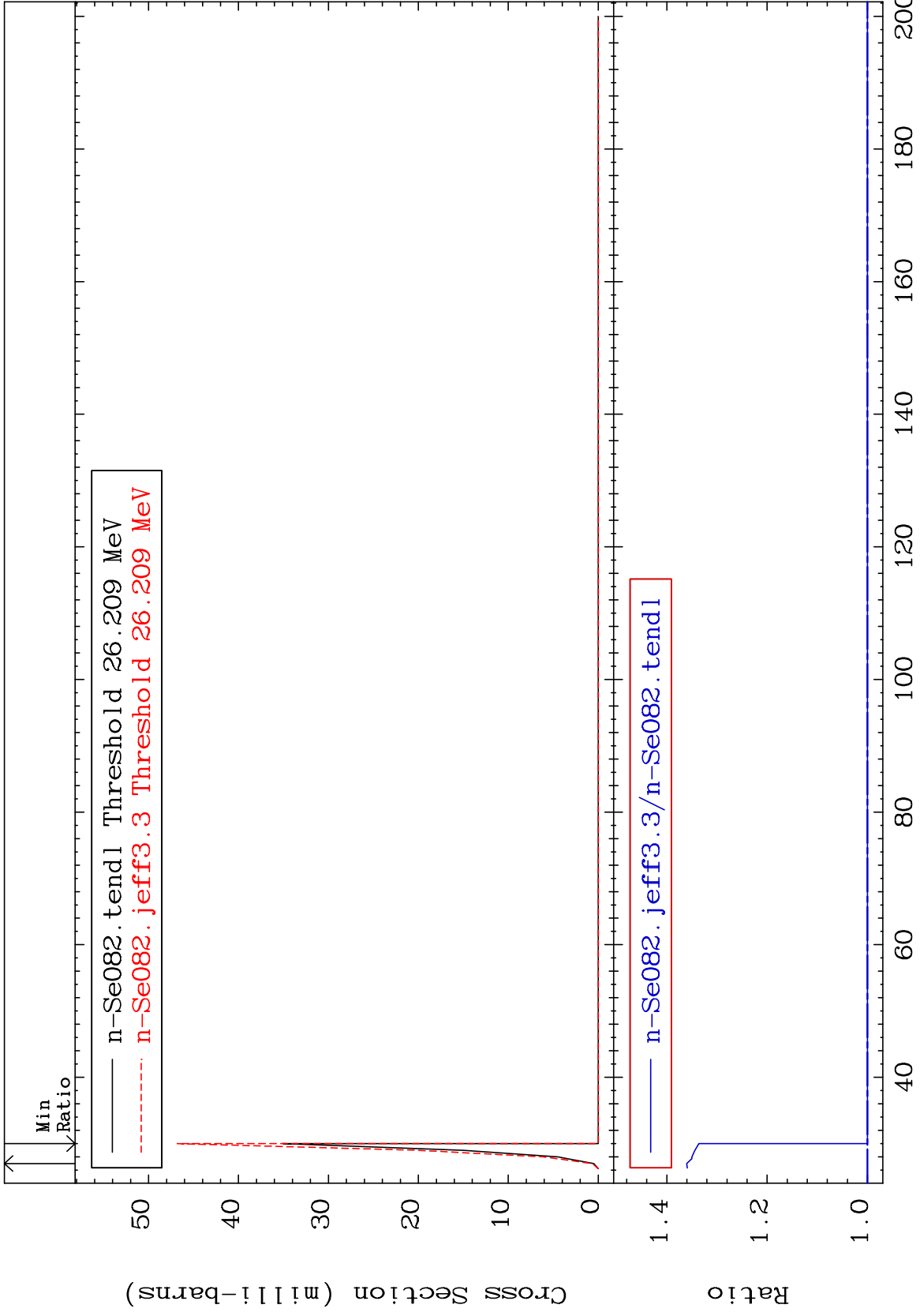
34-Se-82

MAT 3449

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

34-Se-82

Radionuclide Production Cross Section 0.000 To 36.04 %



81

Incident Energy (MeV)

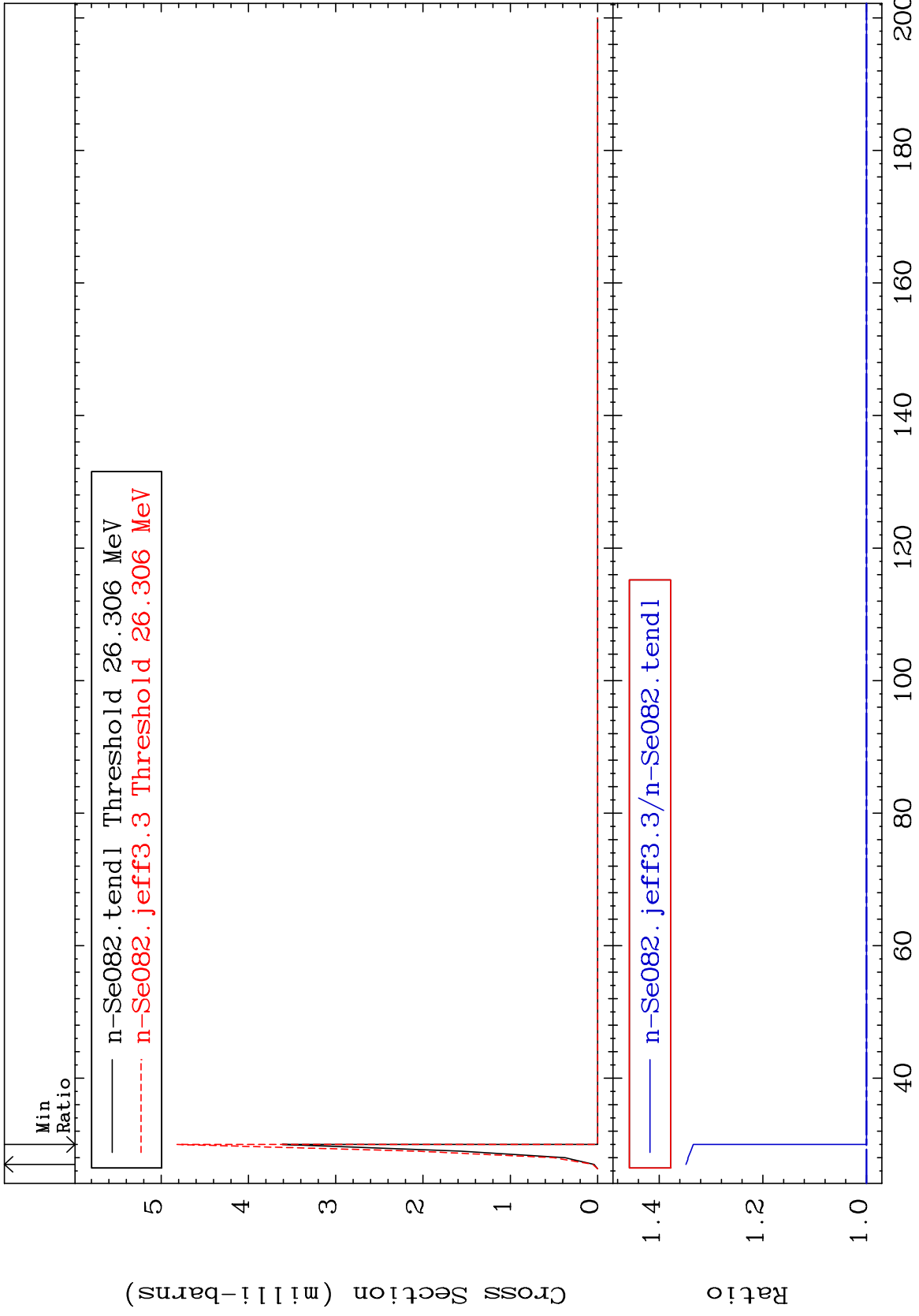
34-Se-82

MAT 3449

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

34-Se-82

Radionuclide Production Cross Section 0.000 To 34.83 %

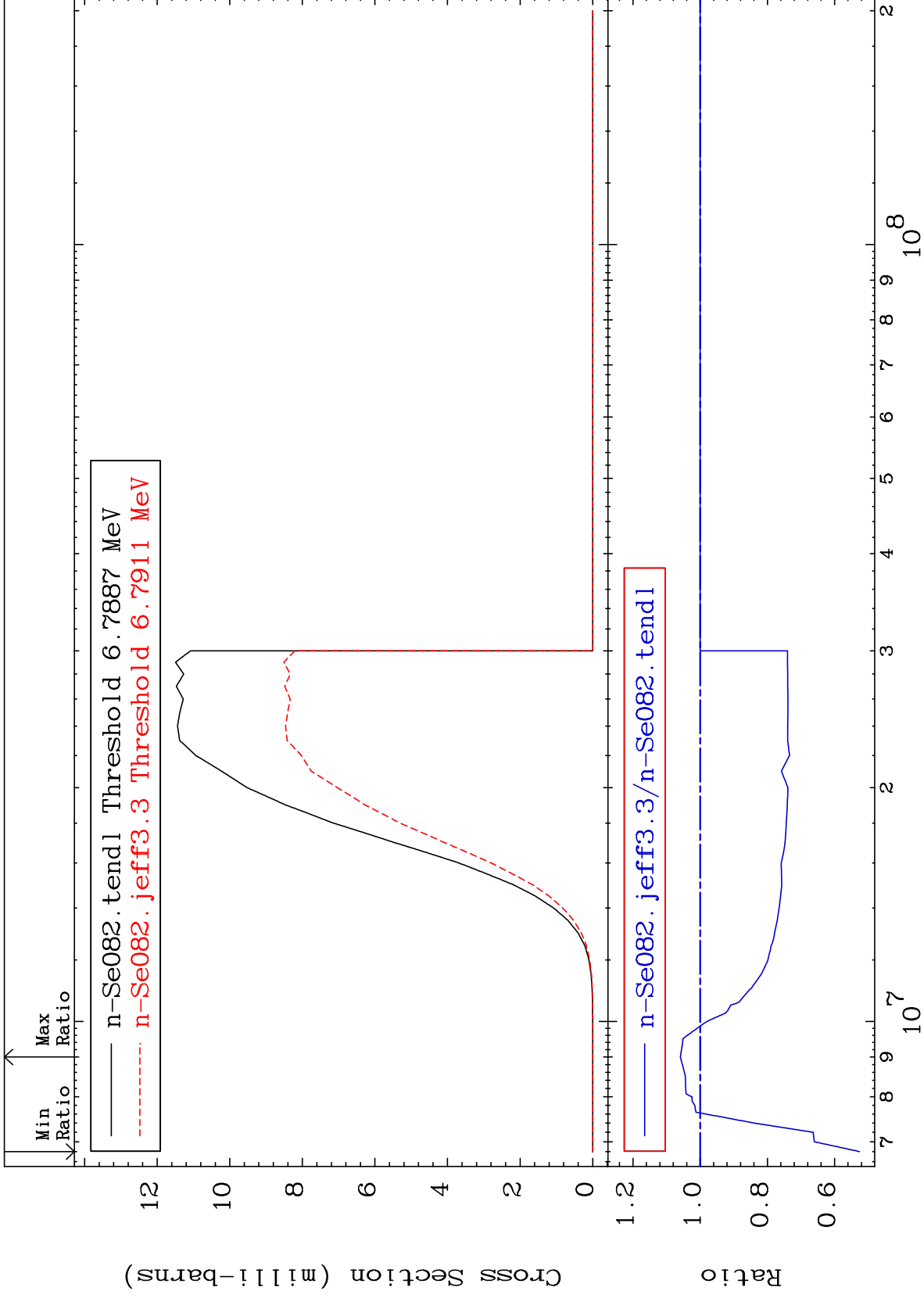


82

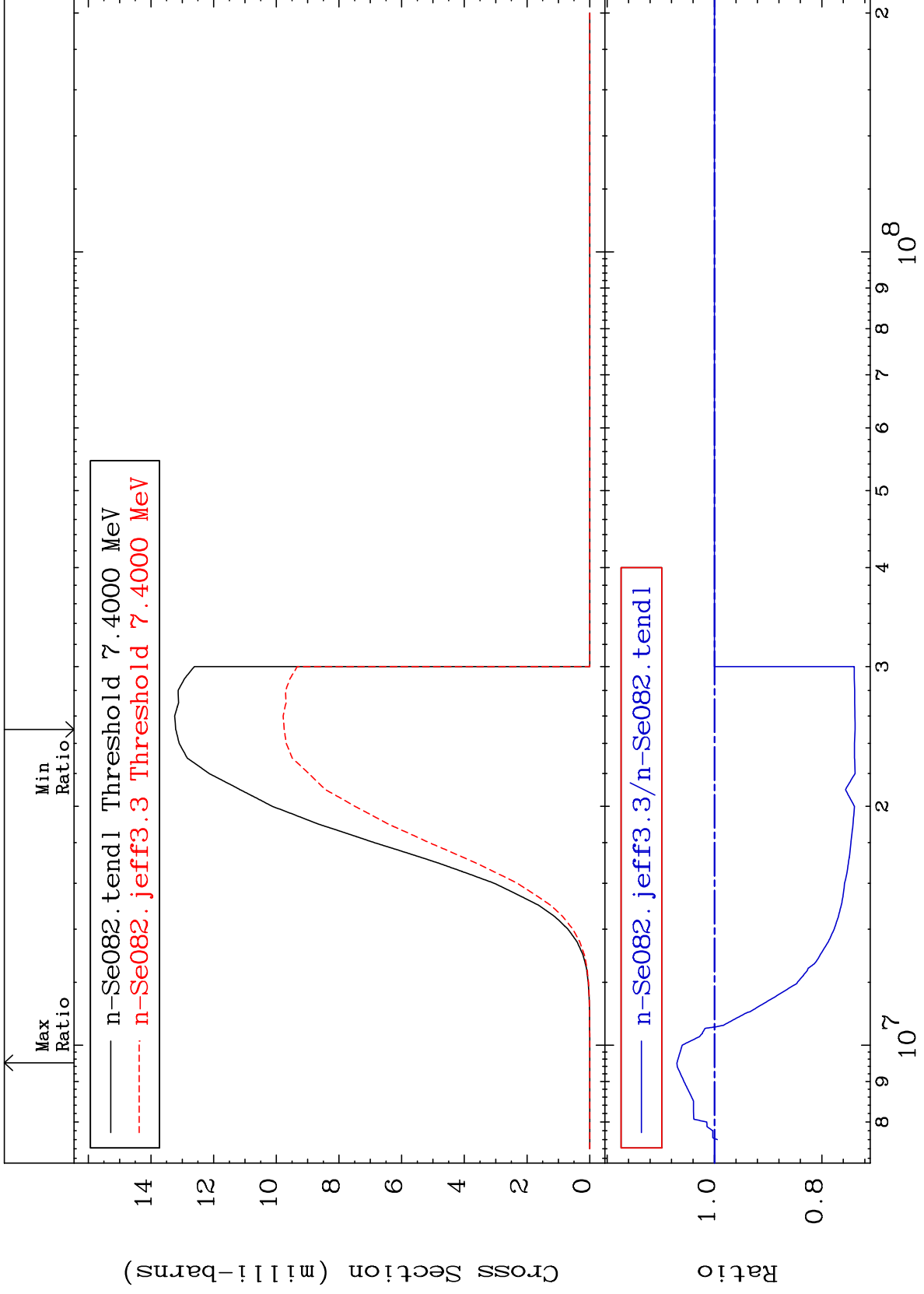
Incident Energy (MeV)

34-Se-82

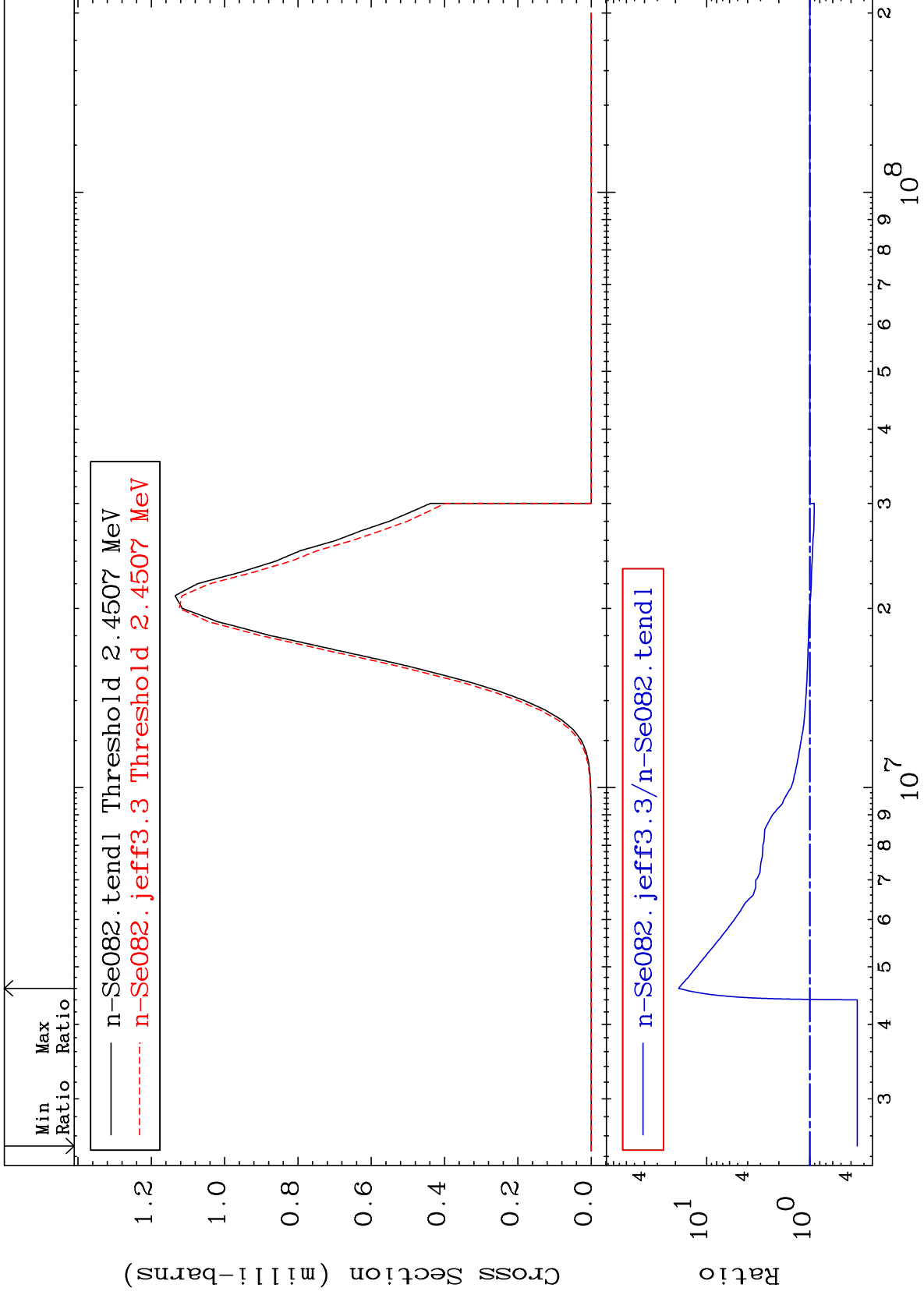
Radionuclide Production Cross Section -47.39 To 5.892 %



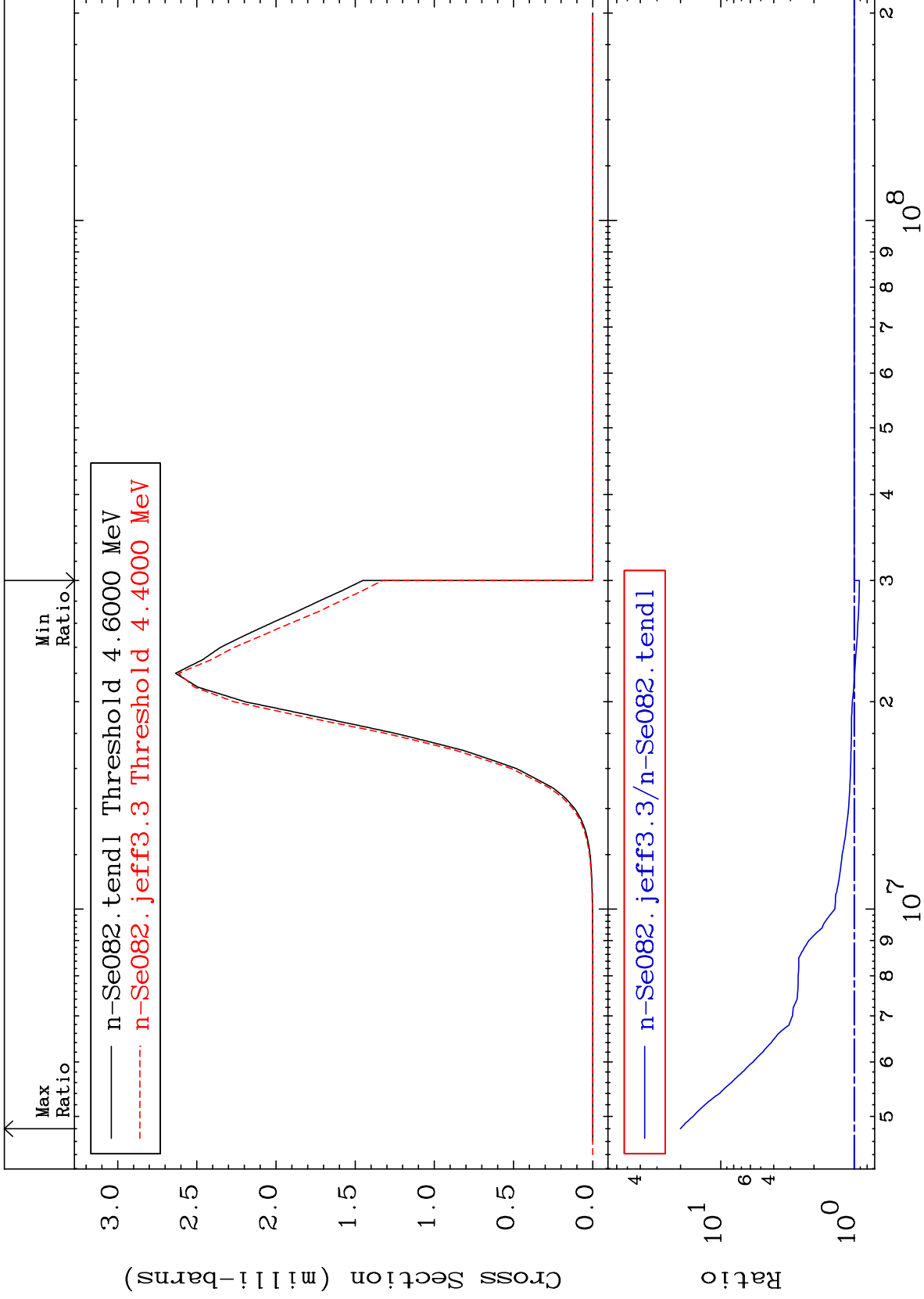
Radionuclide Production Cross Section -26.19 To 7.003 %



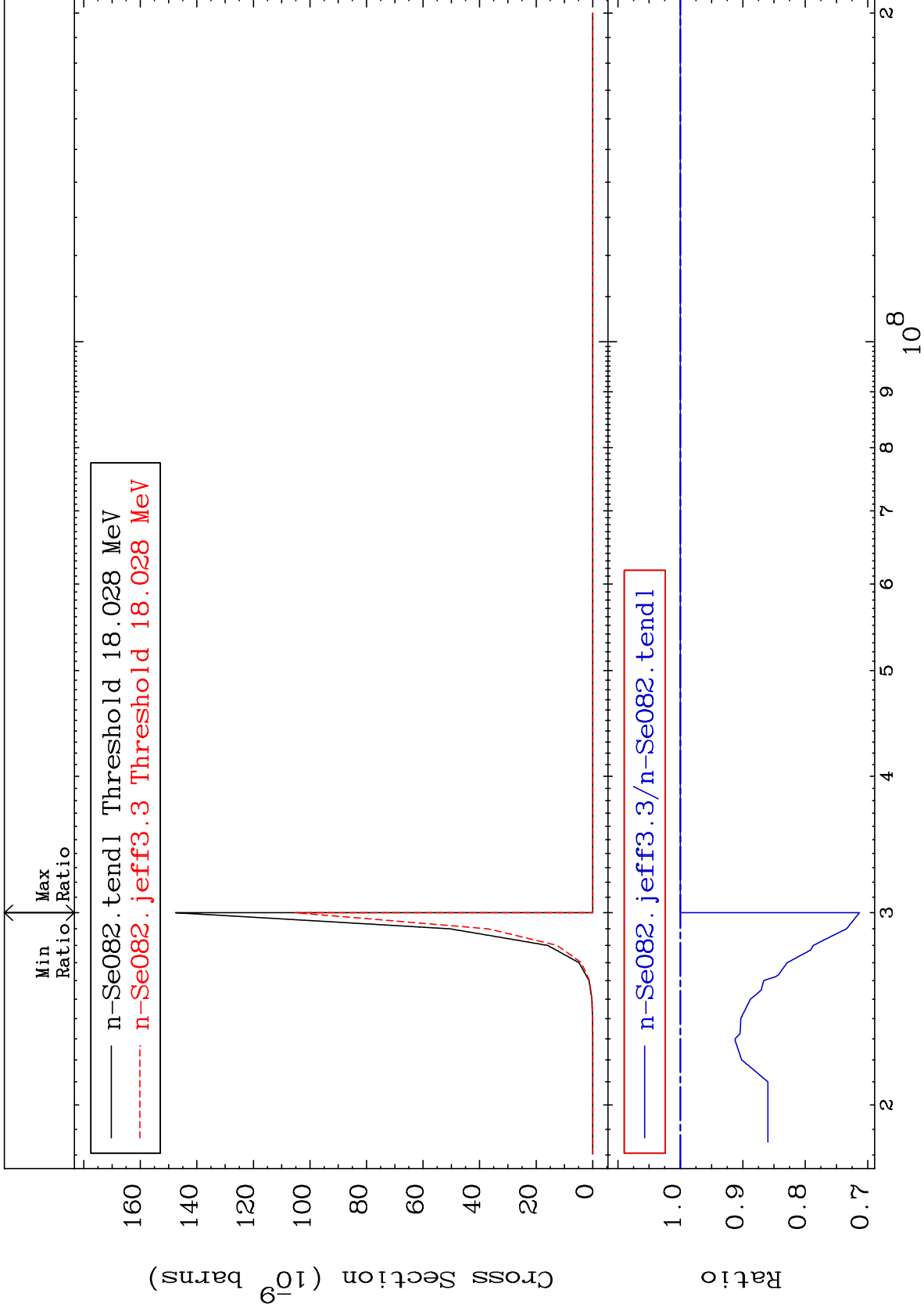
Radionuclide Production Cross Section -65.24 To 1768. %



Radionuclide Production Cross Section -8.578 To 1903. %



Radionuclide Production Cross Section -28.68 To 0.000 %



Radionuclide Production Cross Section -23.32 To 0.000 %

