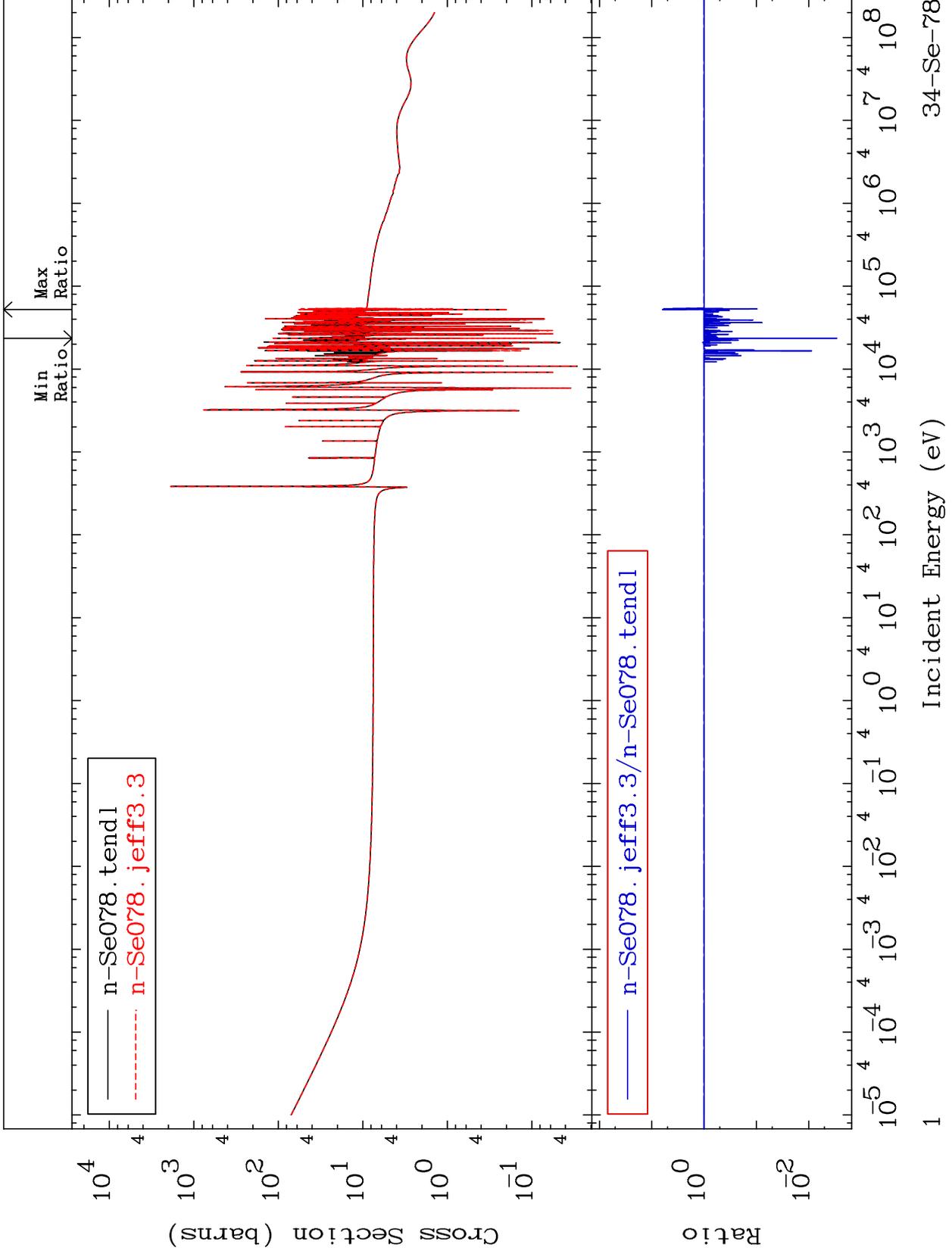


MAT 3437

Total
Cross Section

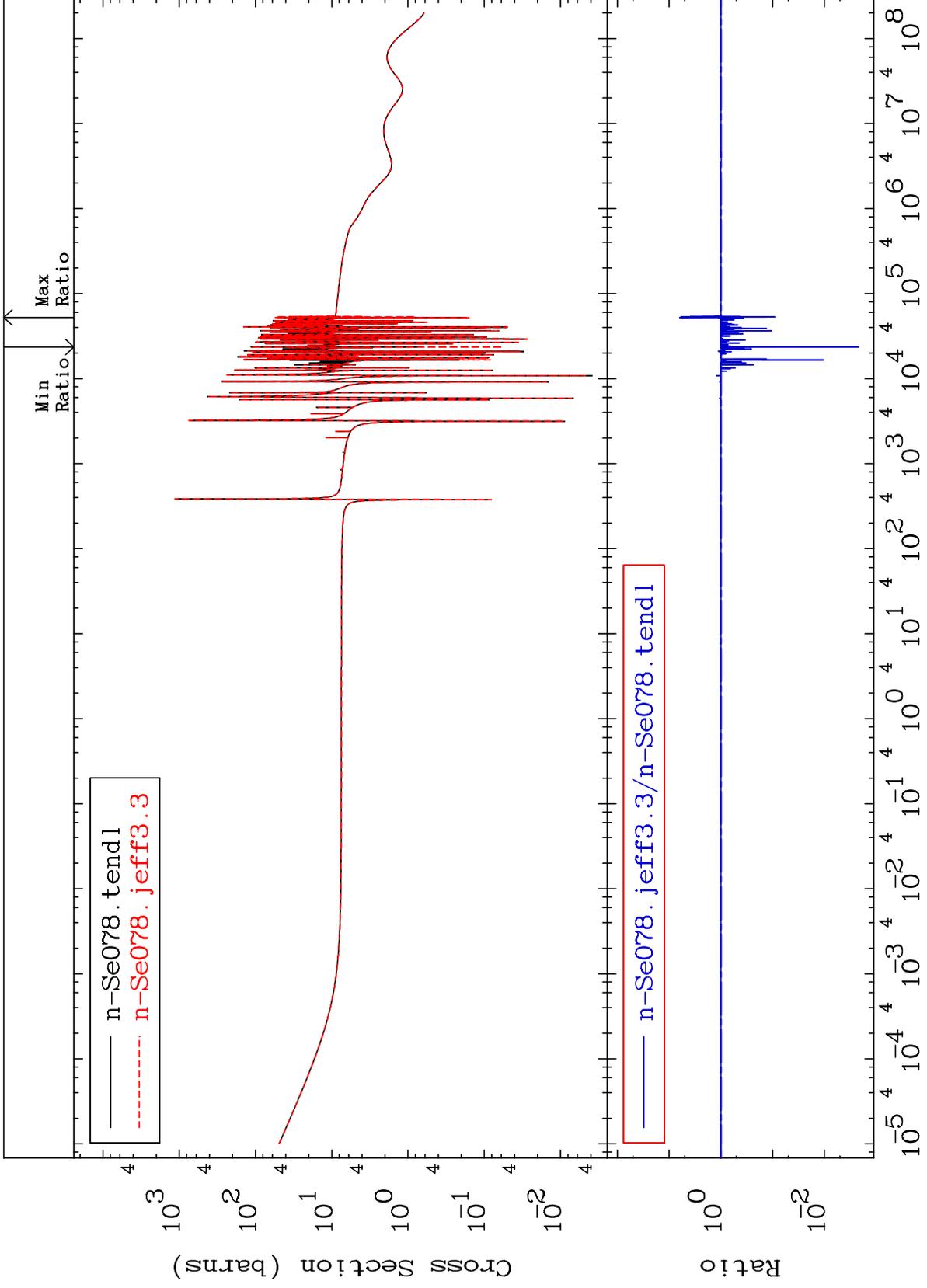
34-Se-78
-99.71 To 528.9 %



MAT 3437

Elastic
Cross Section

³⁴Se-78
-99.78 To 530.4 %



Incident Energy (eV)

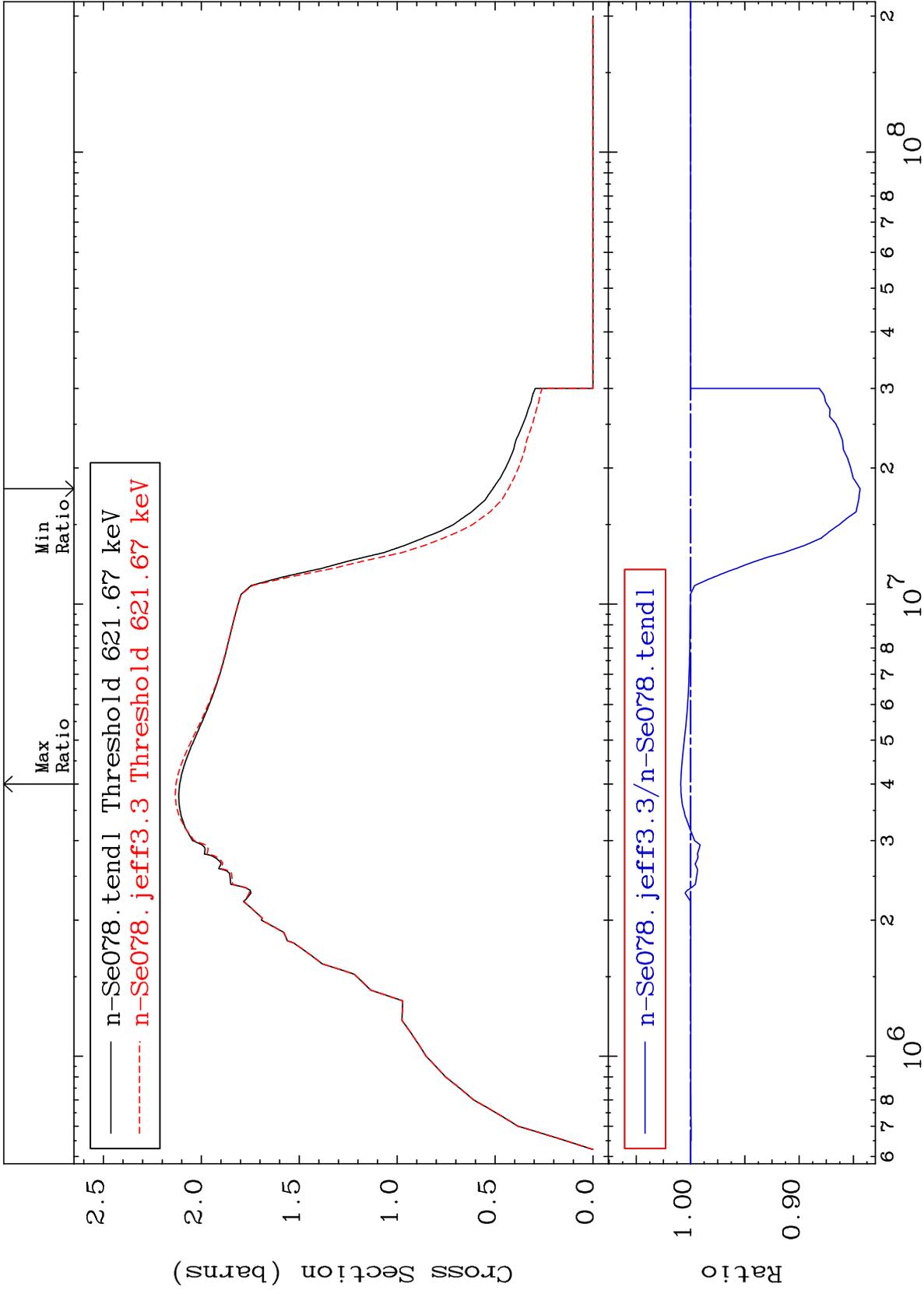
³⁴Se-78

MAT 3437

³⁴Se-78

-15.61 To 0.895 %

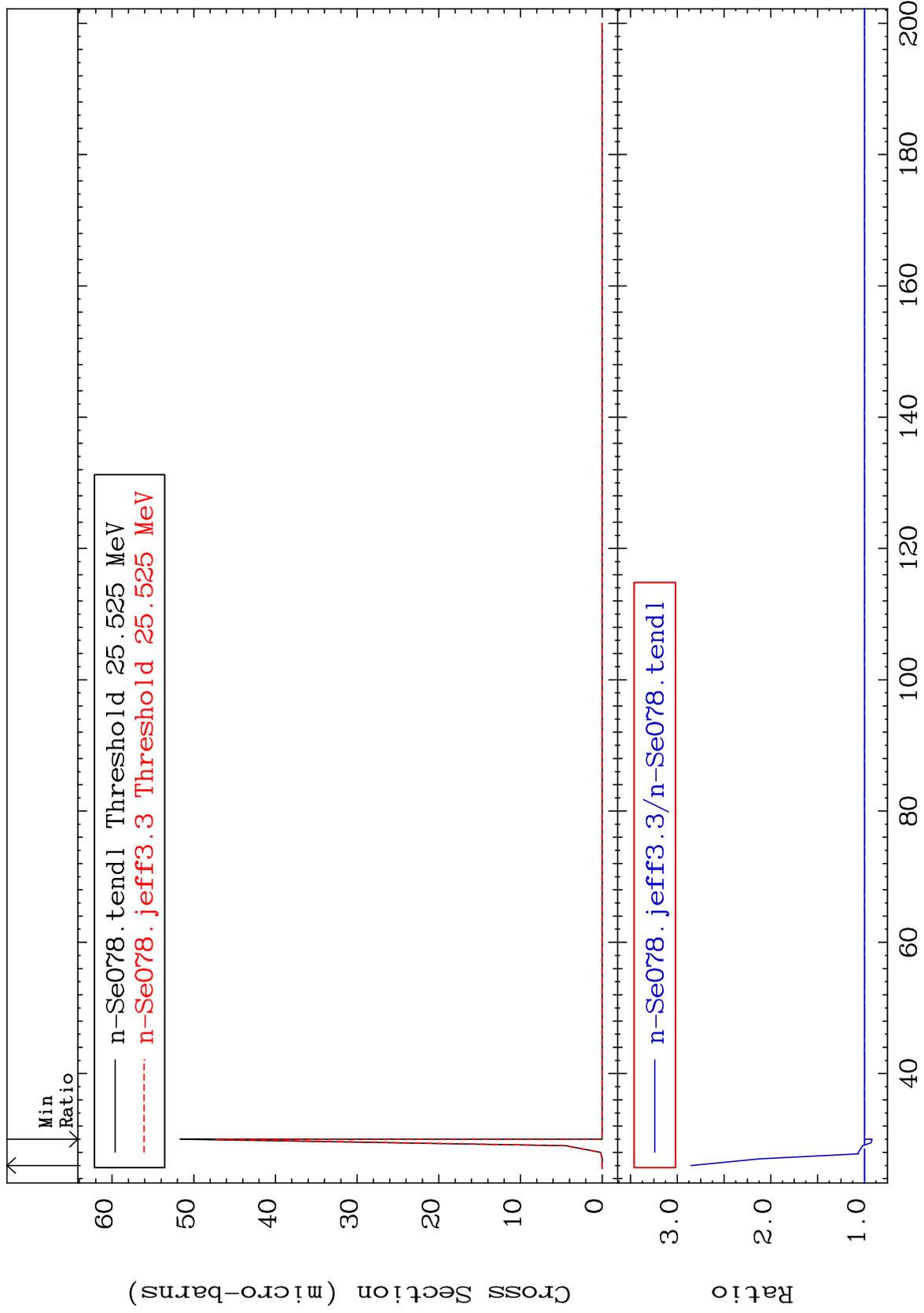
Inelastic
Cross Section



MAT 3437

(n,2n) d
Cross Section

³⁴Se-78
-8.216 To 185.5 %



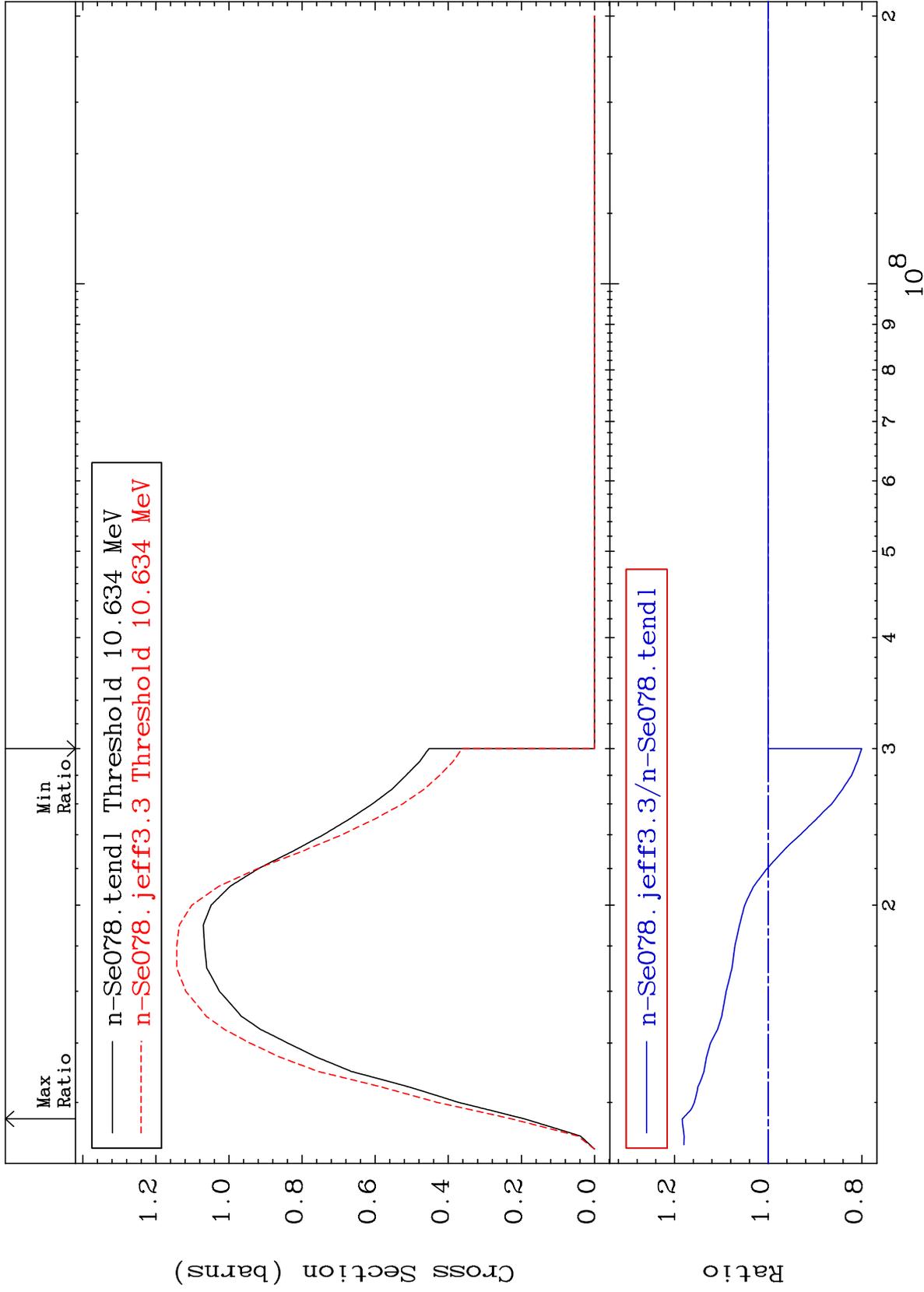
MAT 3437

(n,2n)

³⁴Se-78

Cross Section

-19.97 To 18.34 %



MAT 3437

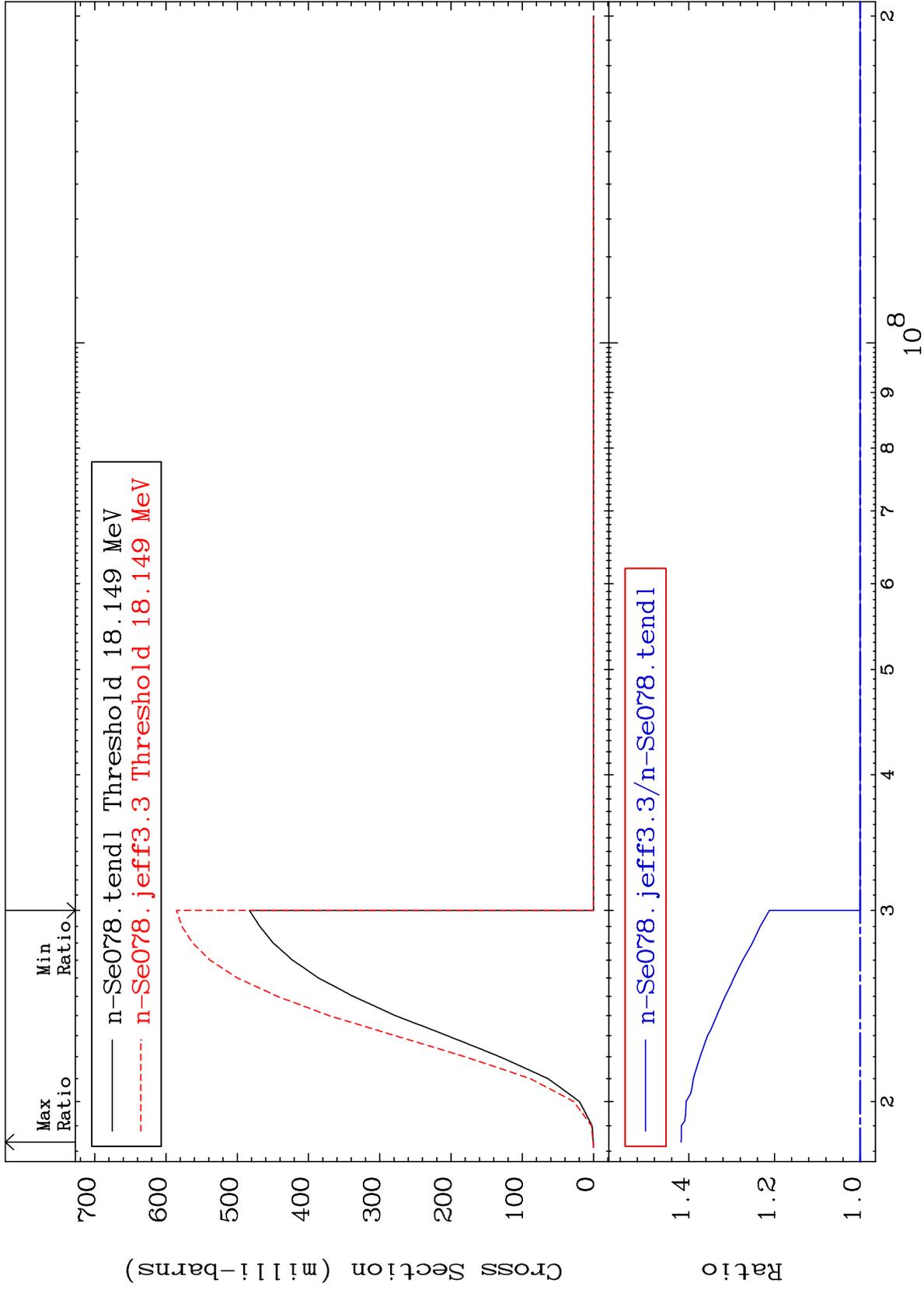
(n,3n)

³⁴Se-78

Cross Section

0.000

To 41.78 %



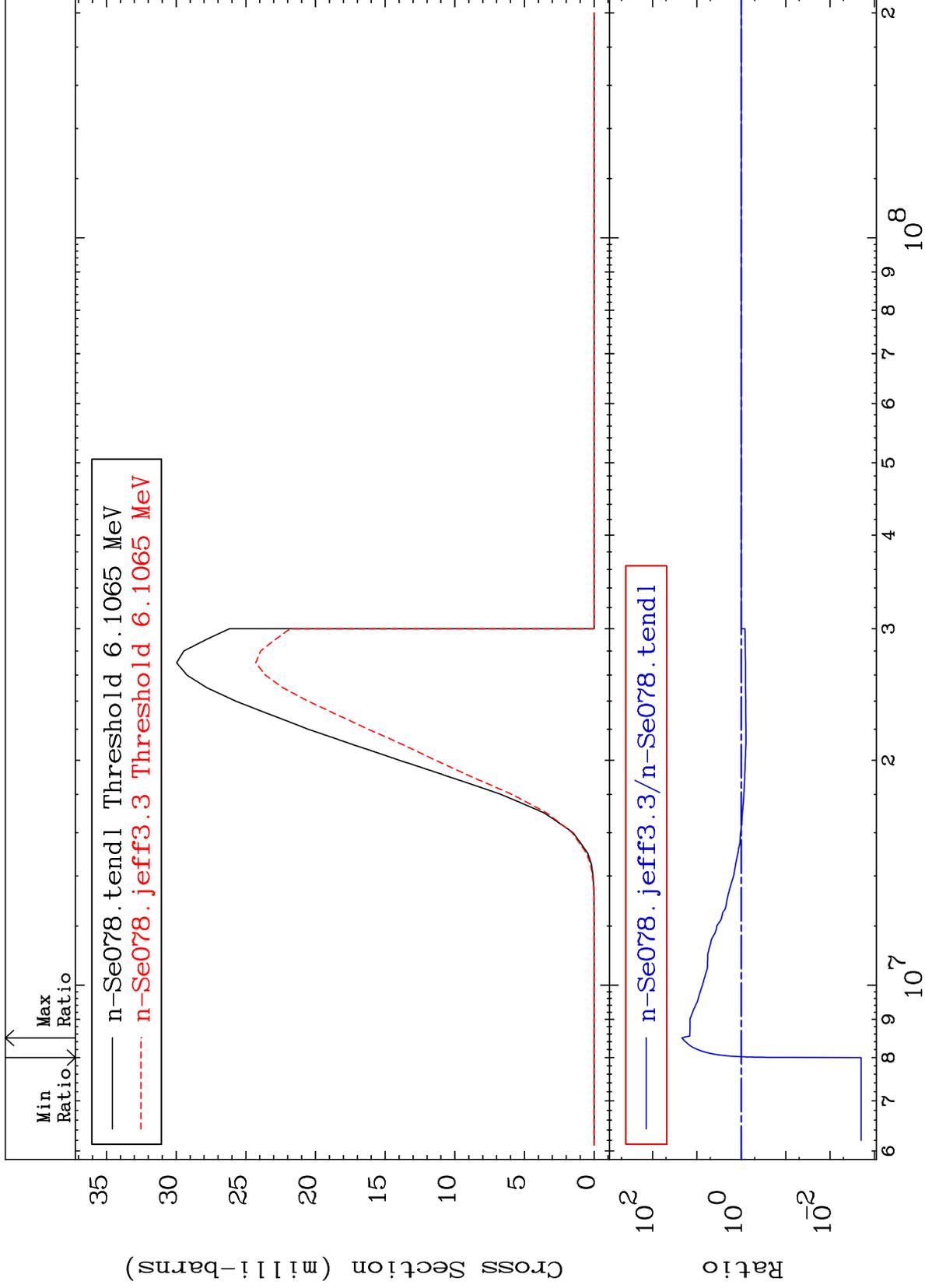
MAT 3437

(n,n') α

³⁴Se-78

Cross Section

-99.80 To 2086. %



7

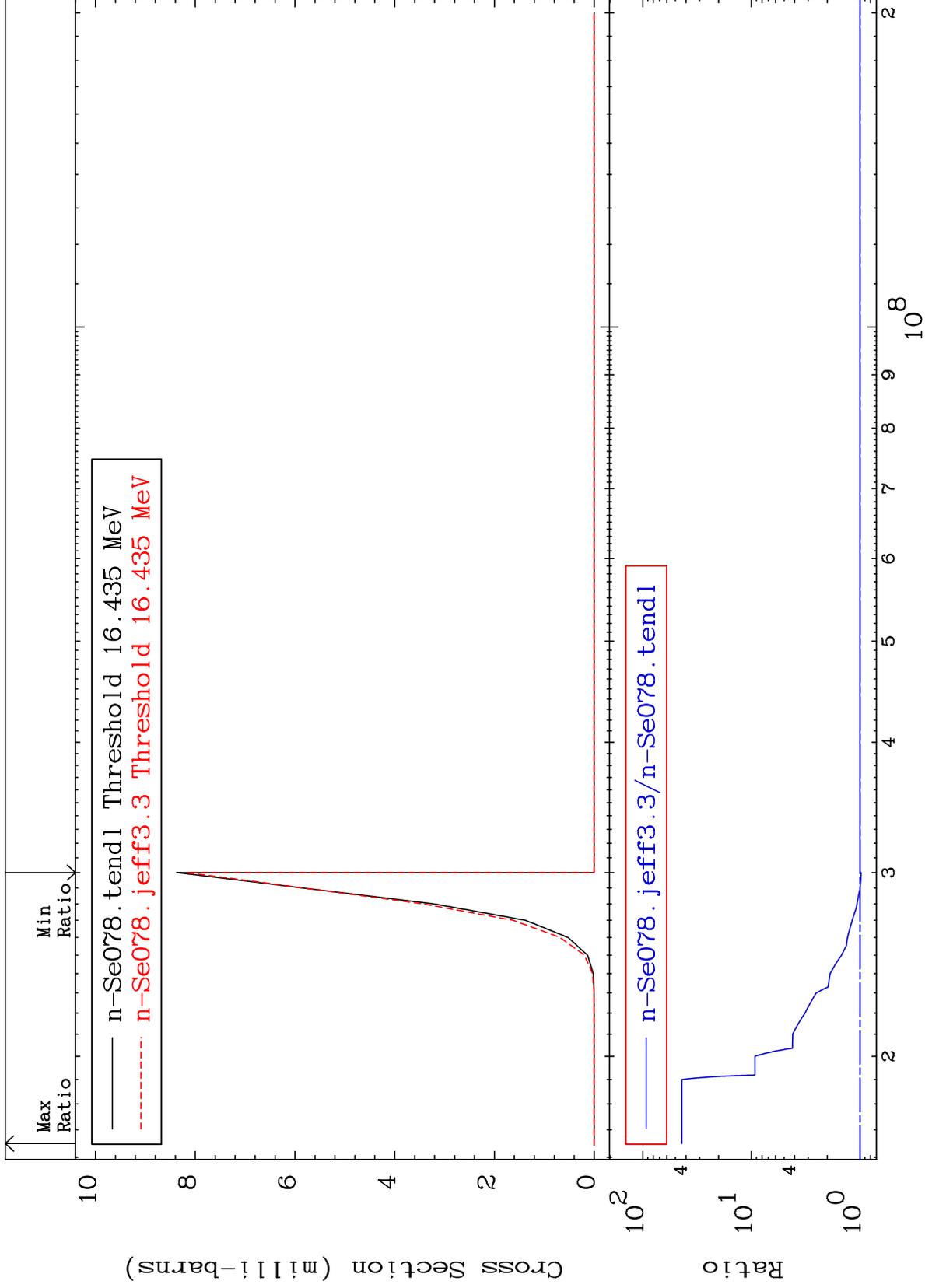
Incident Energy (eV)

³⁴Se-78

MAT 3437

(n,2n) α
Cross Section

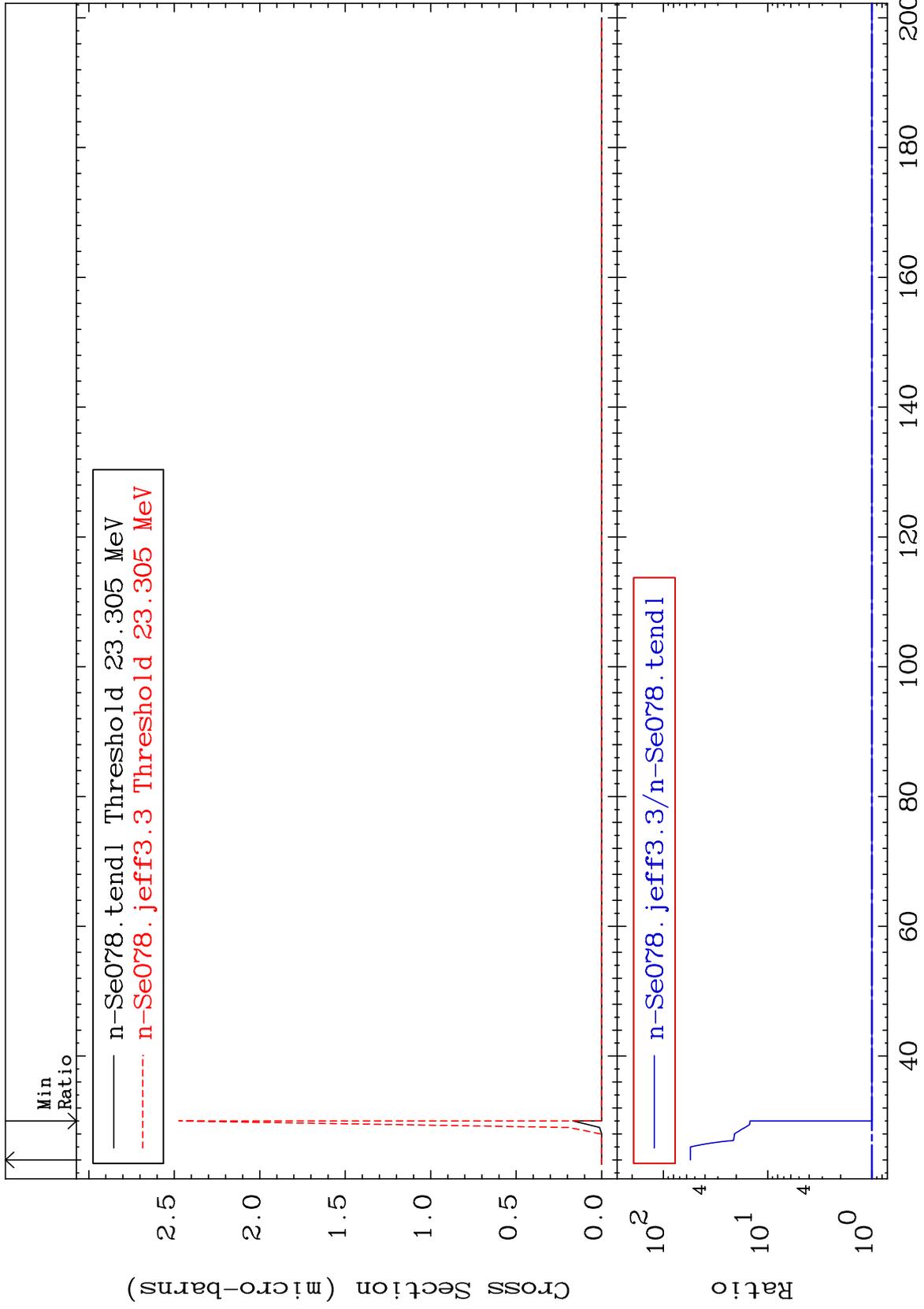
³⁴Se-78
-2.412 To 4262. %



MAT 3437

(n,3n) α
Cross Section

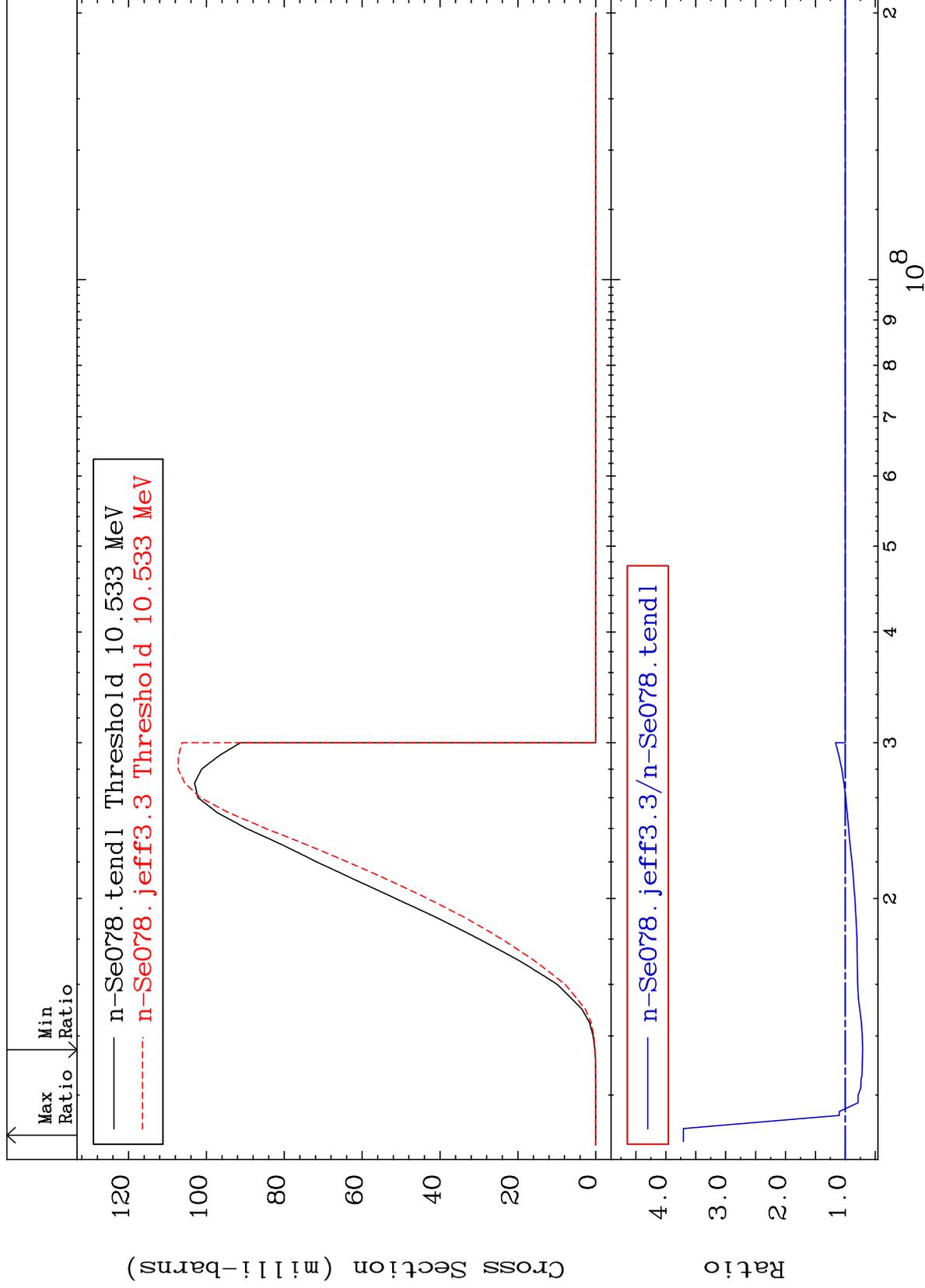
$^{34}\text{Se-78}$
To 5405. %
0.000



MAT 3437

(n,n') p
Cross Section

³⁴Se-78
-28.97 To 270.5 %



10

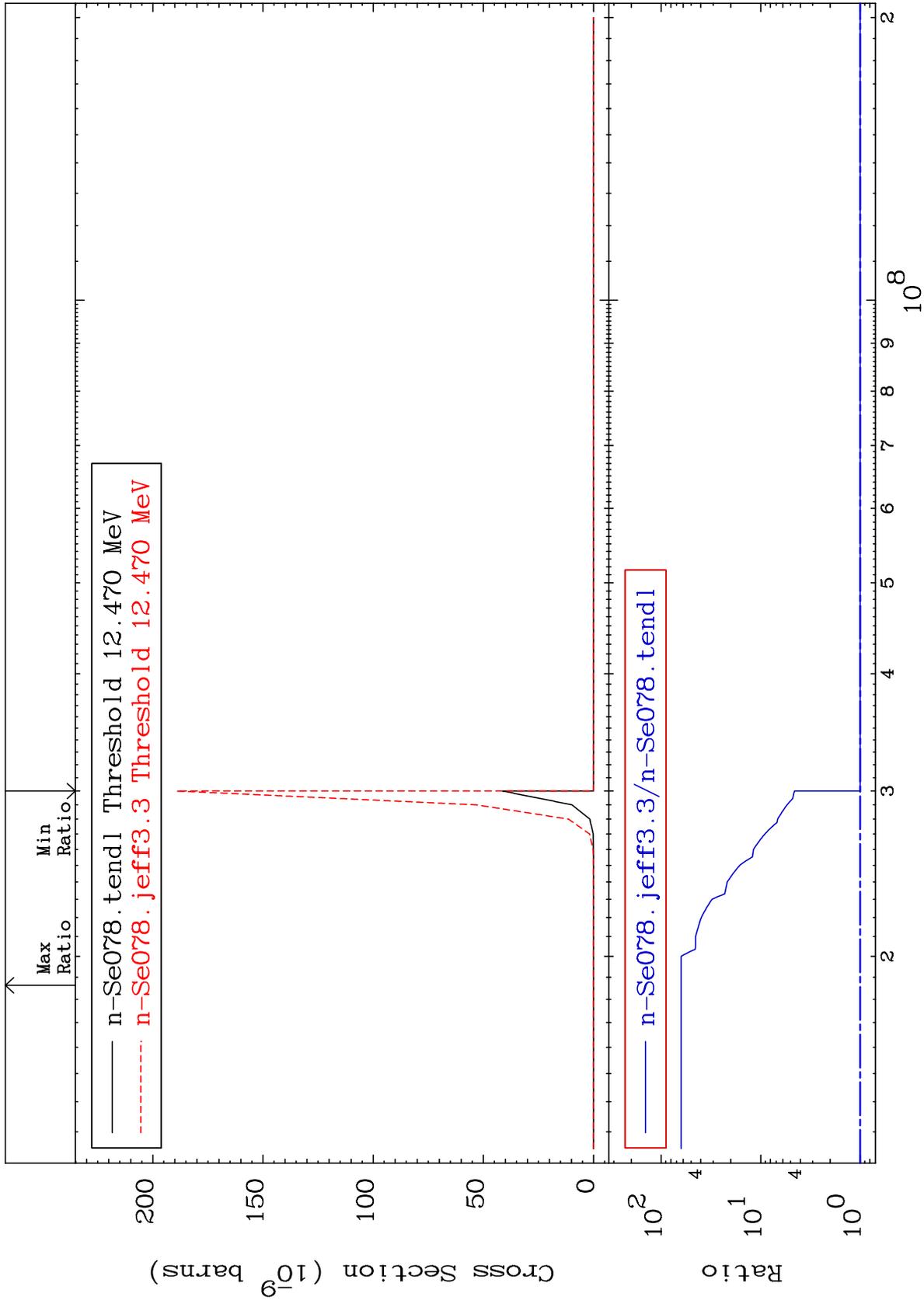
Incident Energy (eV)

³⁴Se-78

MAT 3437

(n, n') 2α
Cross Section

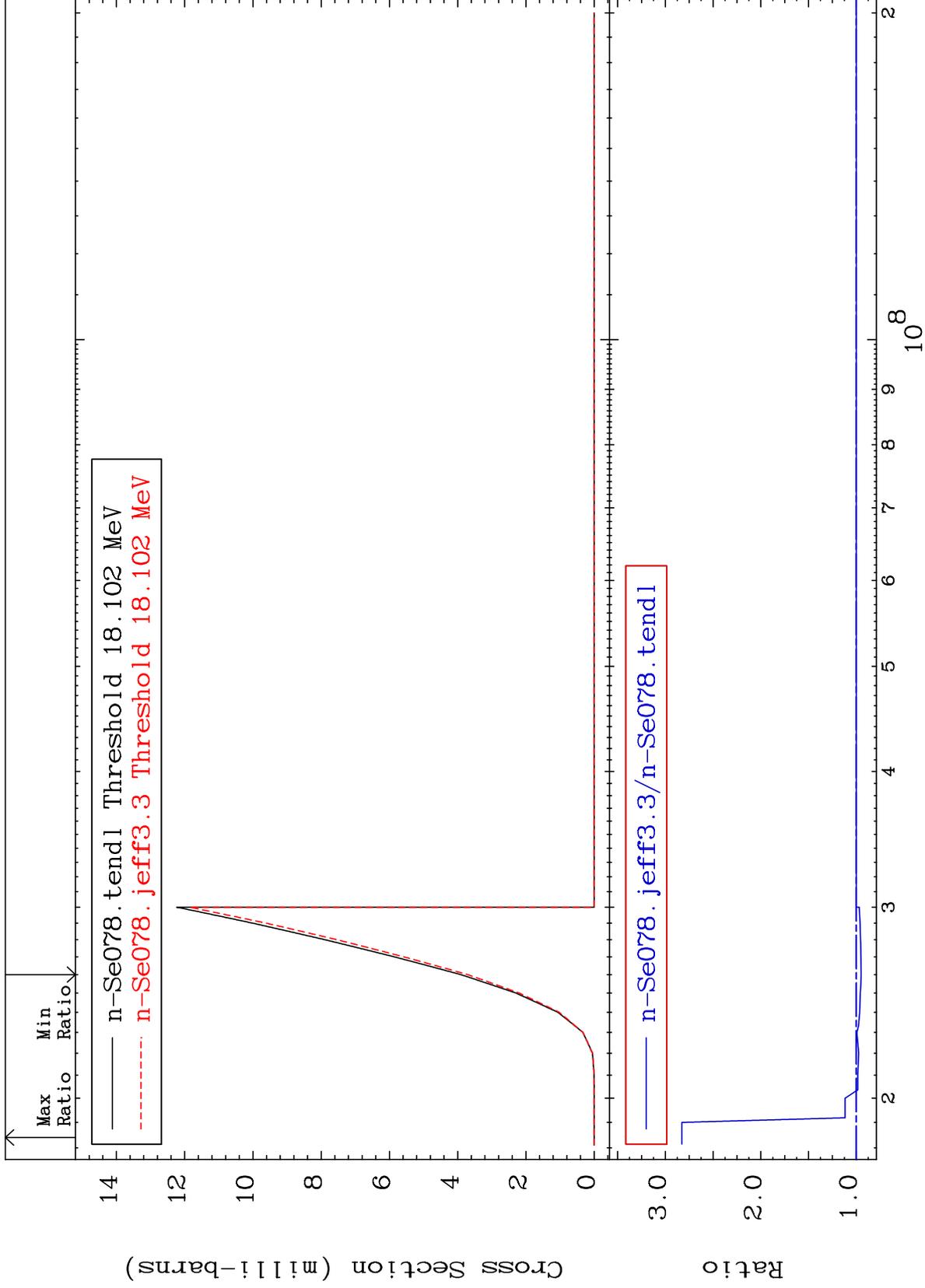
34-Se-78
0.000 To 6196. %



MAT 3437

(n,n') d
Cross Section

³⁴Se-78
-5.077 To 182.7 %



12

Incident Energy (eV)

³⁴Se-78

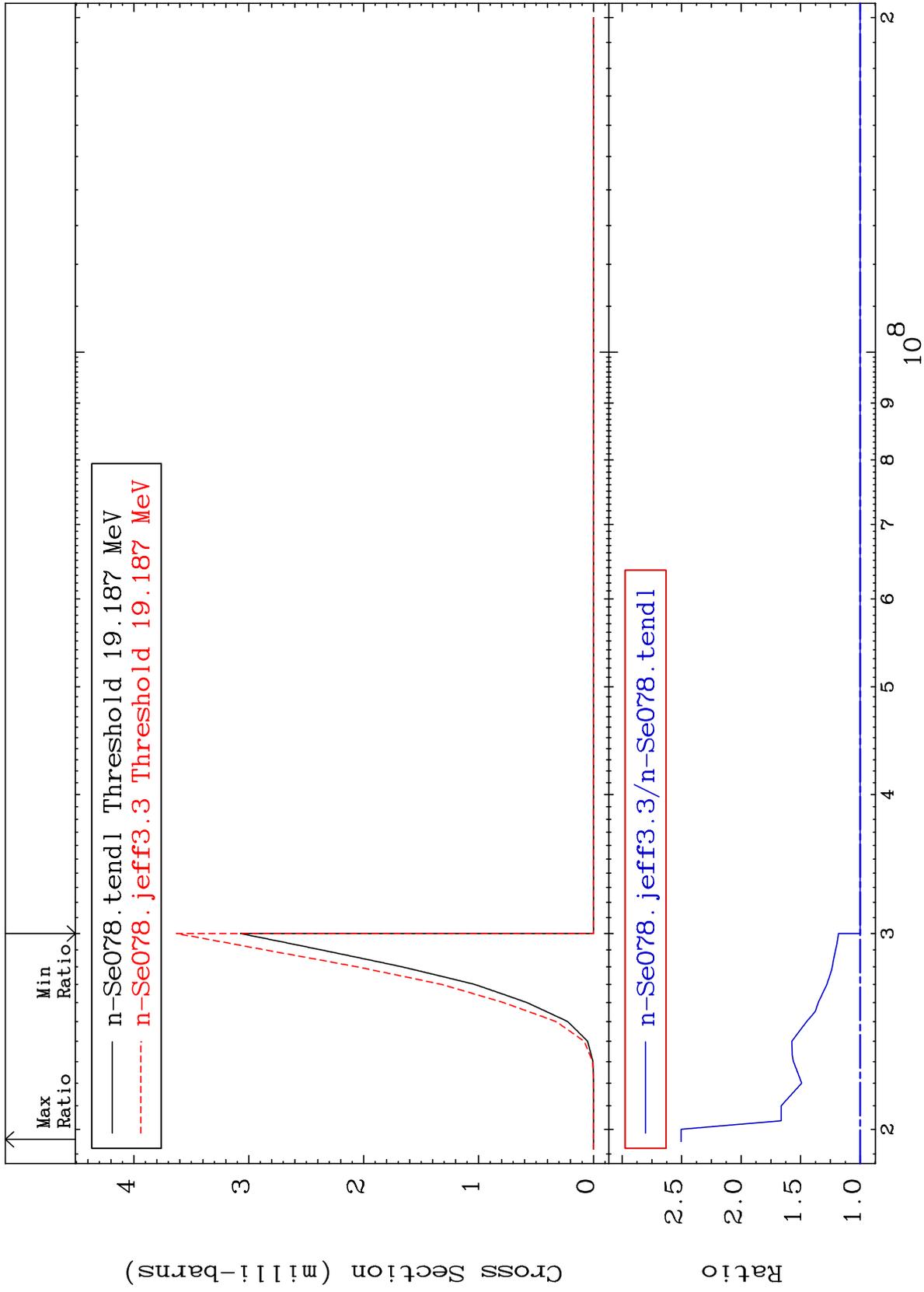
MAT 3437

(n,n') t

³⁴Se-78

Cross Section

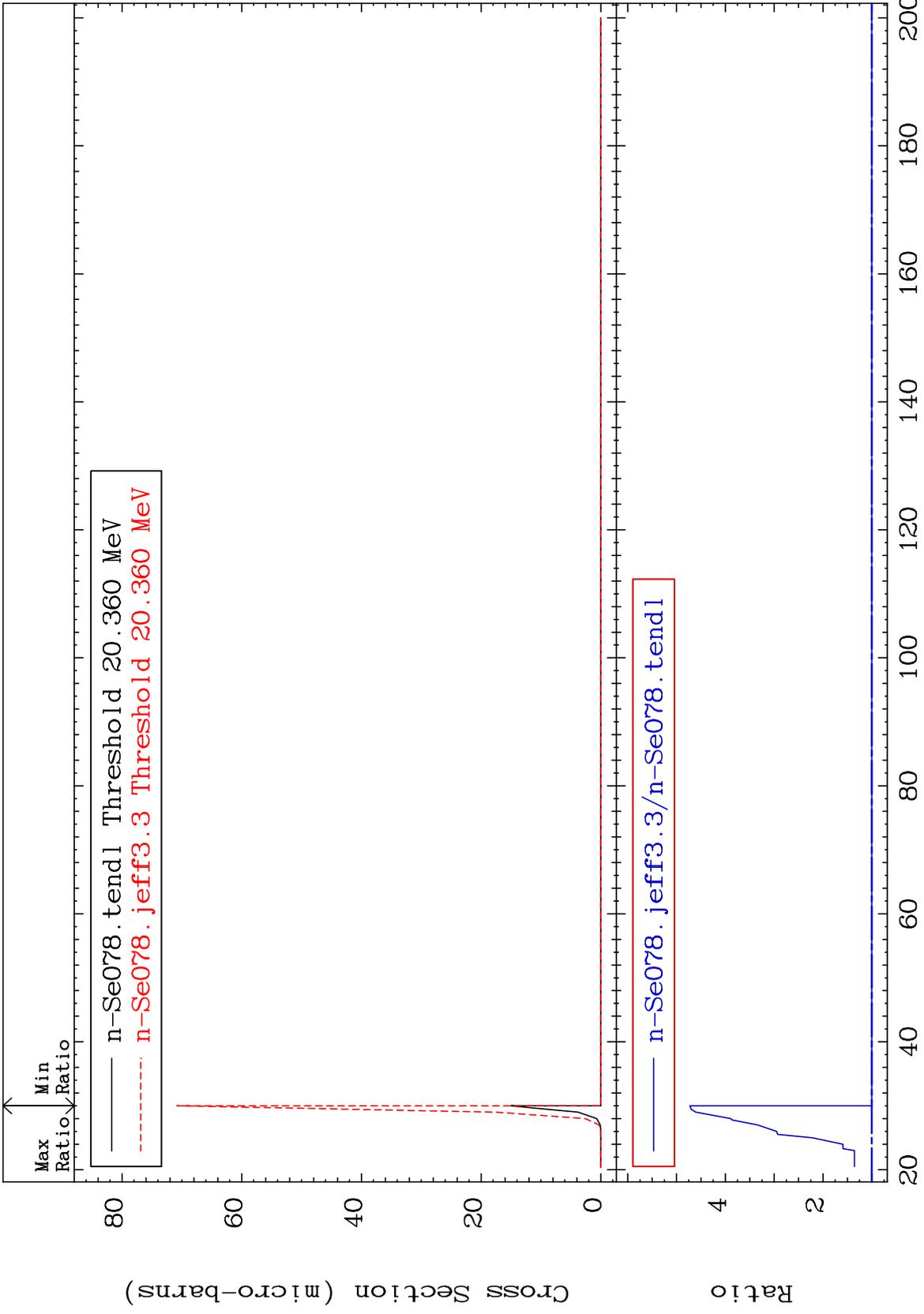
0.000 To 150.4 %



MAT 3437

(n, n') He-3
Cross Section

³⁴Se-78
0.000 To 372.7 %



14

34-Se-78

MAT 3437

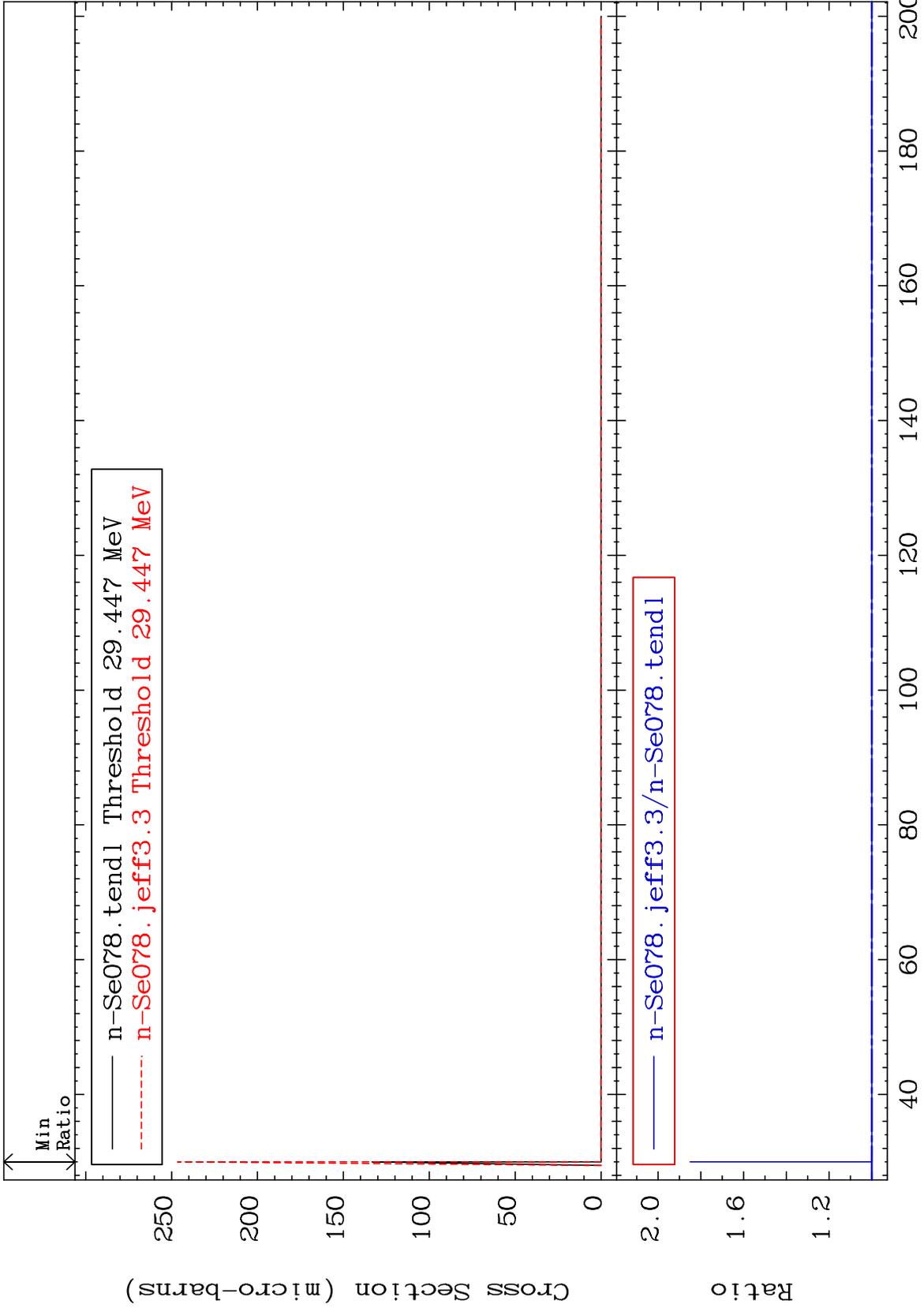
(n,4n)

³⁴Se-78

Cross Section

0.000

To 85.05 %



15

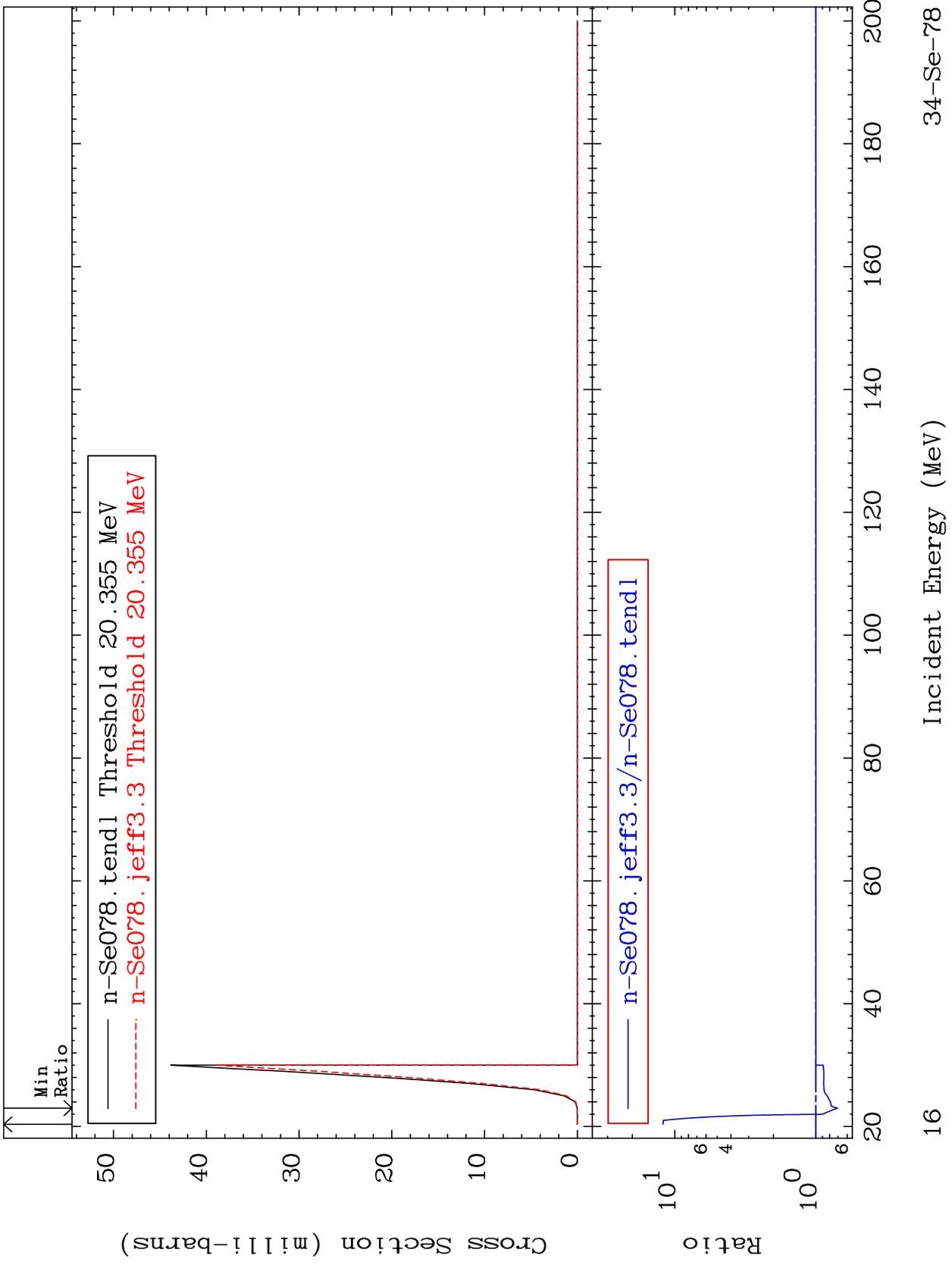
Incident Energy (MeV)

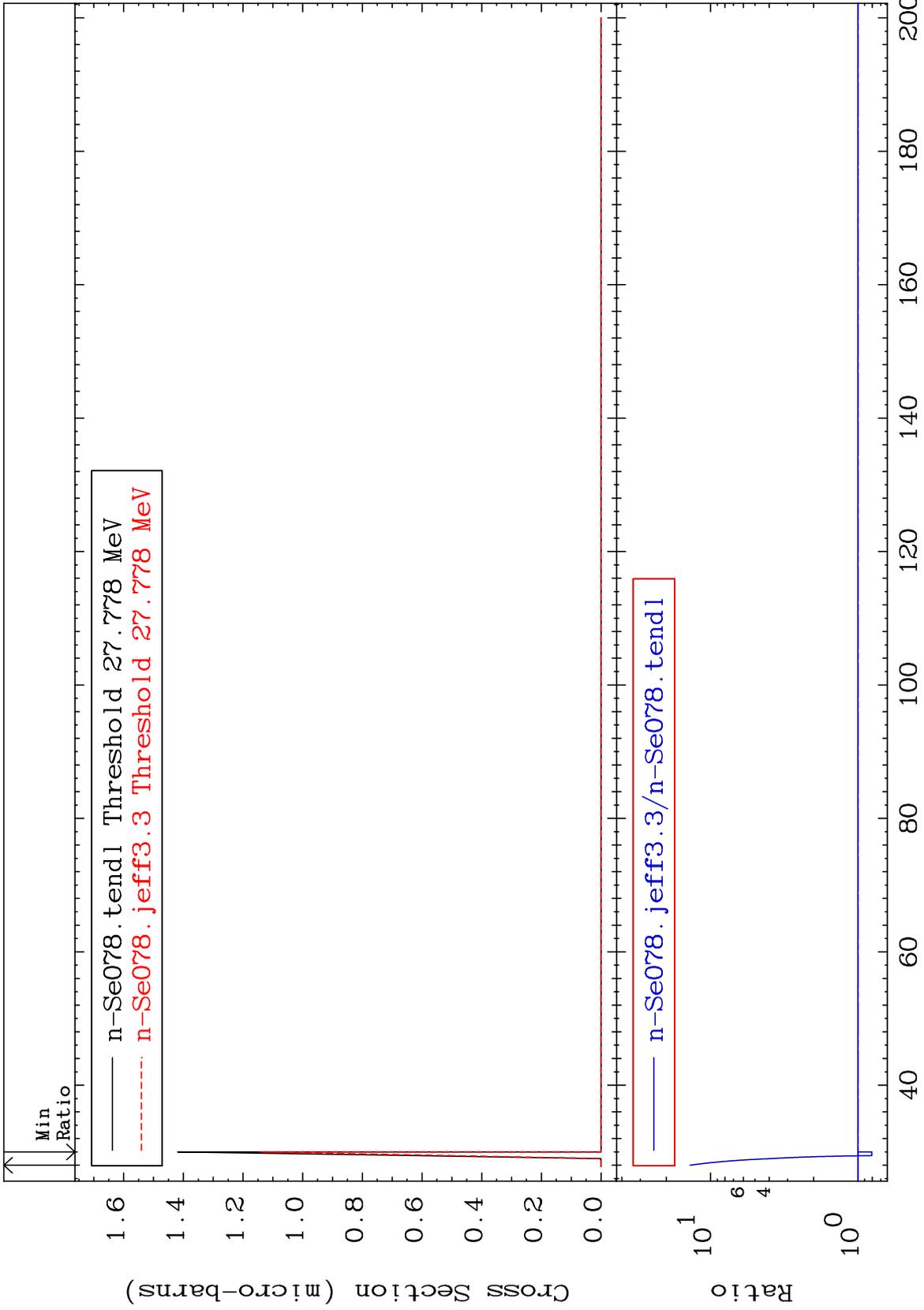
³⁴Se-78

MAT 3437

(n,2n) p
Cross Section

³⁴Se-78
-29.58 To 1116. %

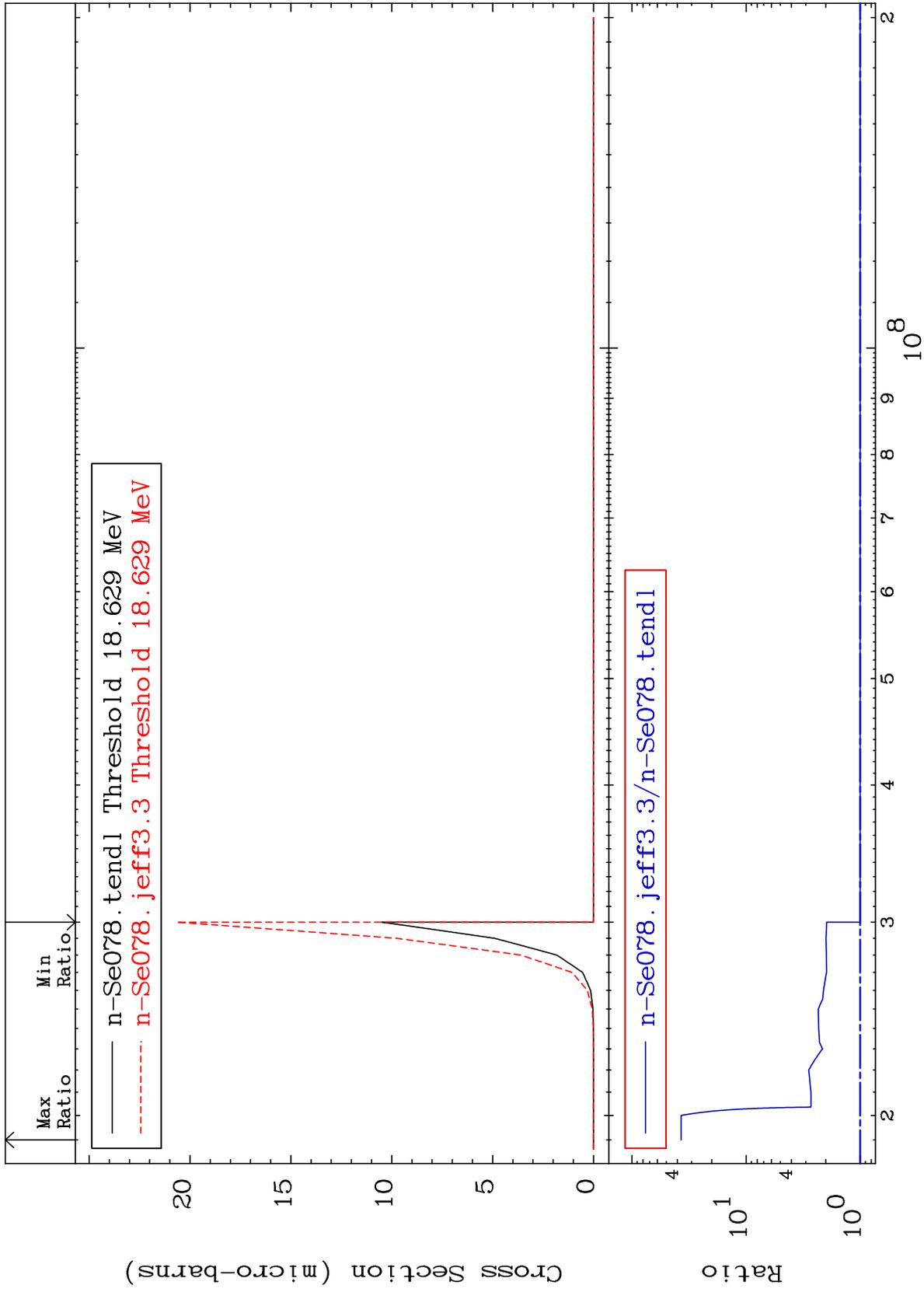




MAT 3437

(n,2n) p
Cross Section

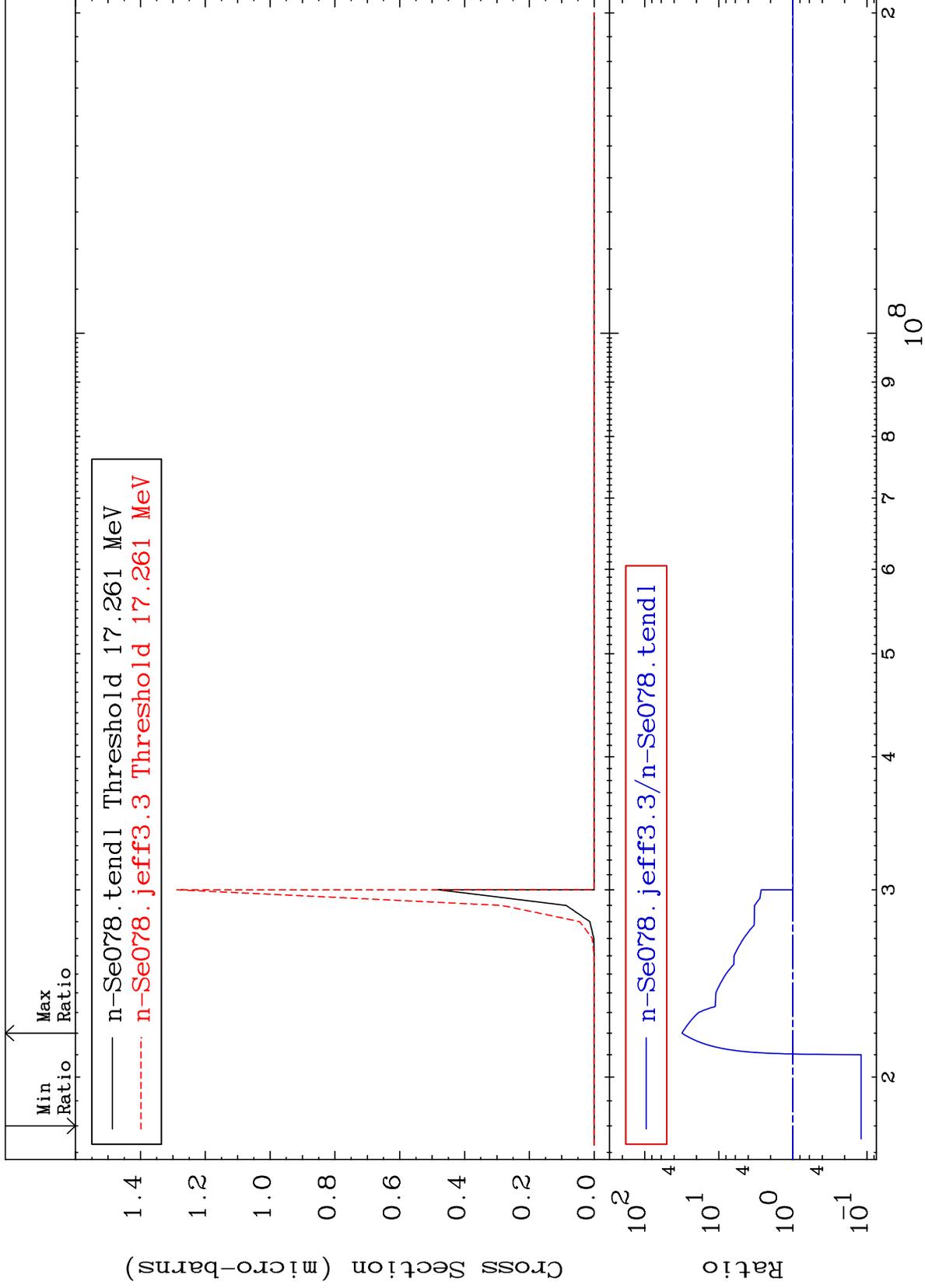
³⁴Se-78
To 3606. %



18

Incident Energy (eV)

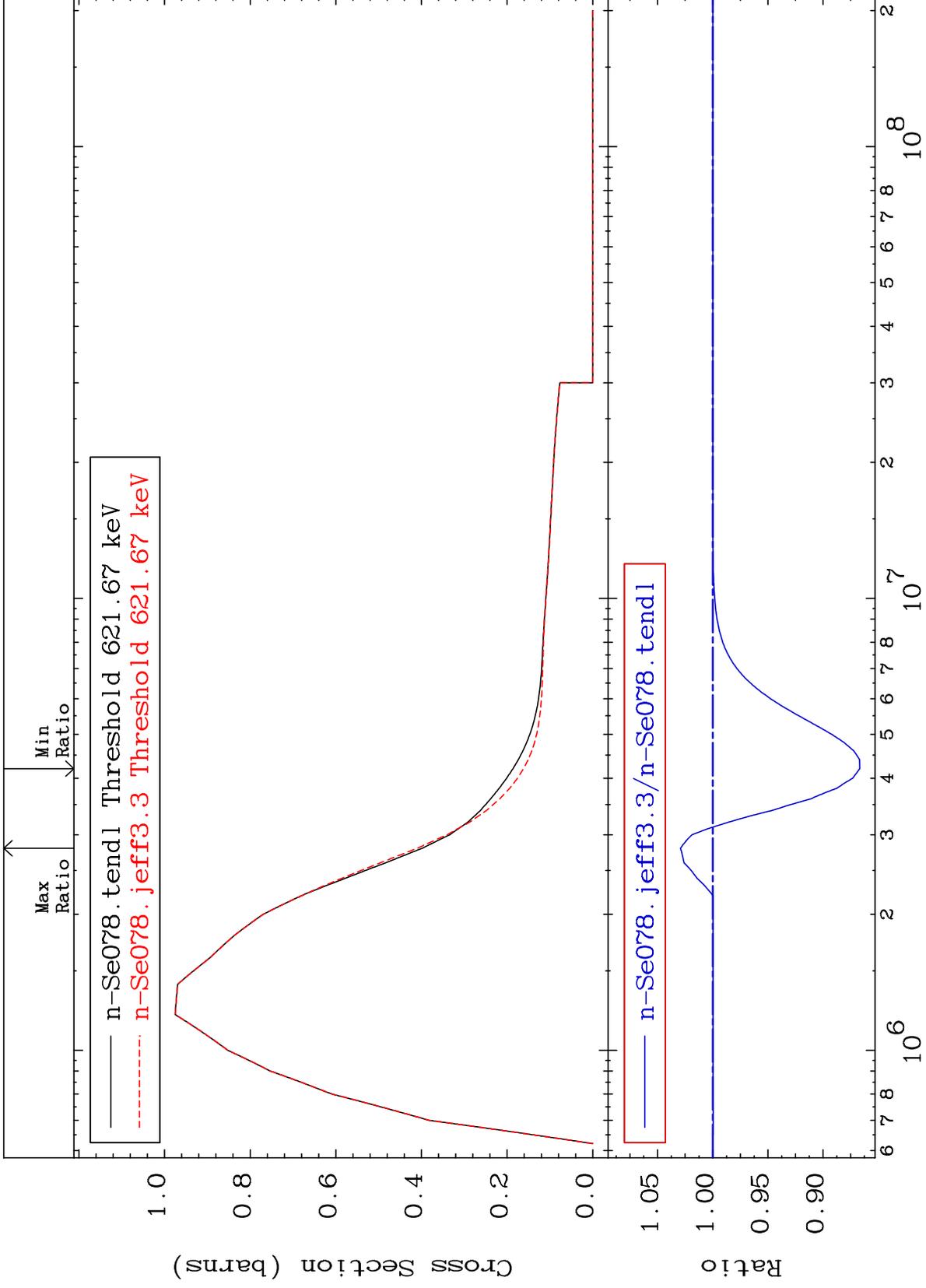
³⁴Se-78



MAT 3437

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

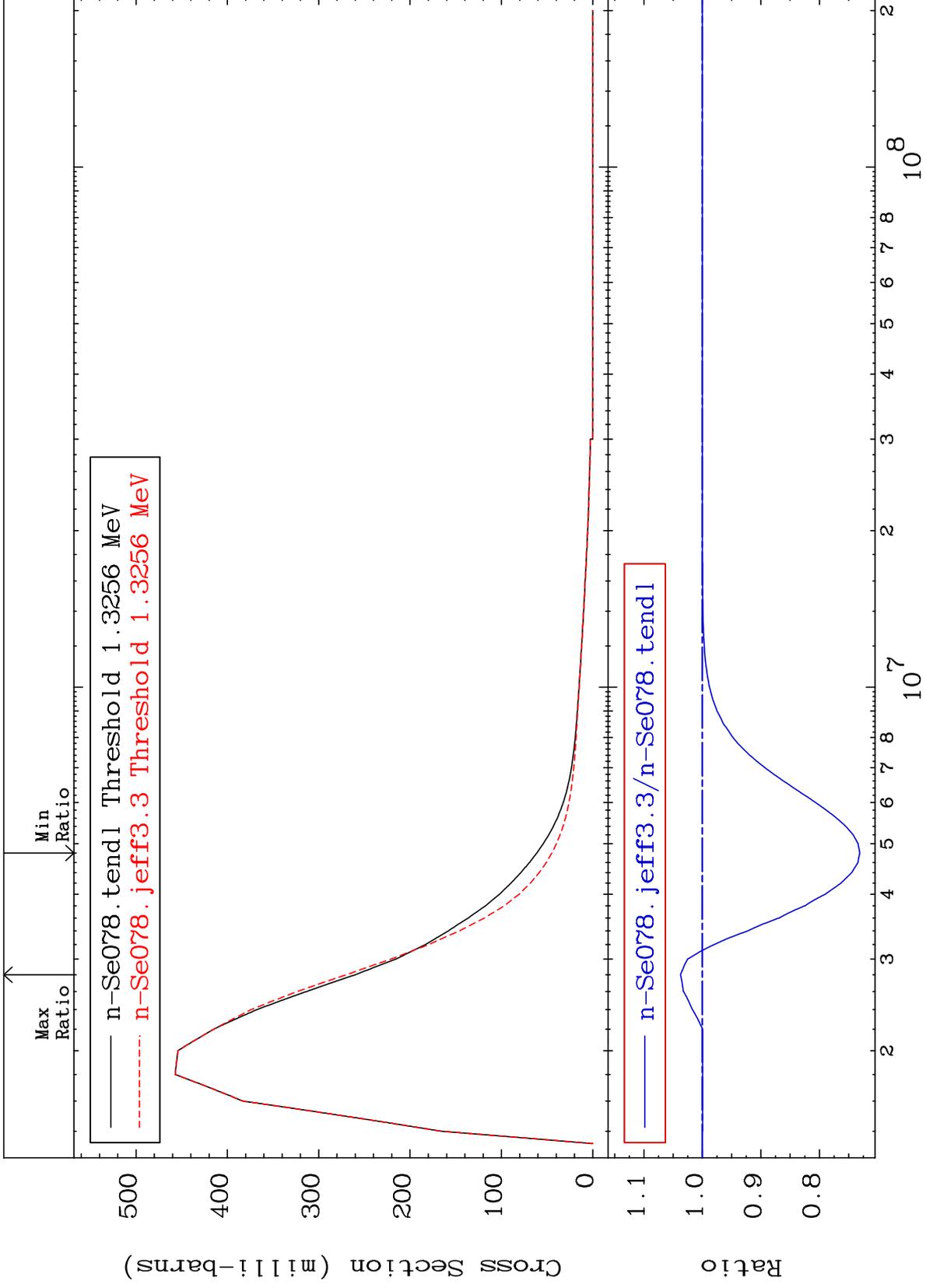
34-Se-78
-13.33 To 2.921 %



MAT 3437

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

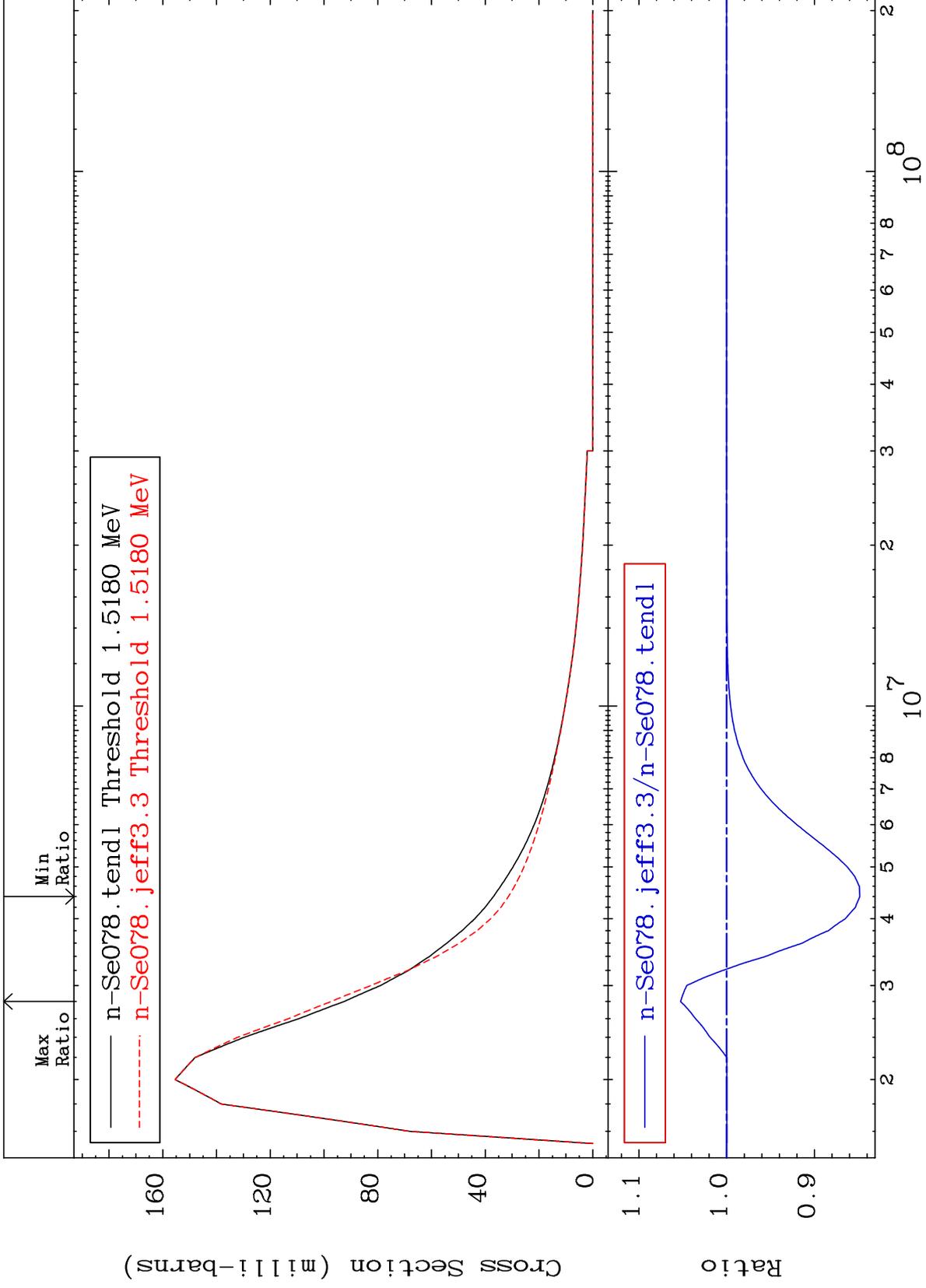
³⁴Se-78
-26.91 To 3.747 %



MAT 3437

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

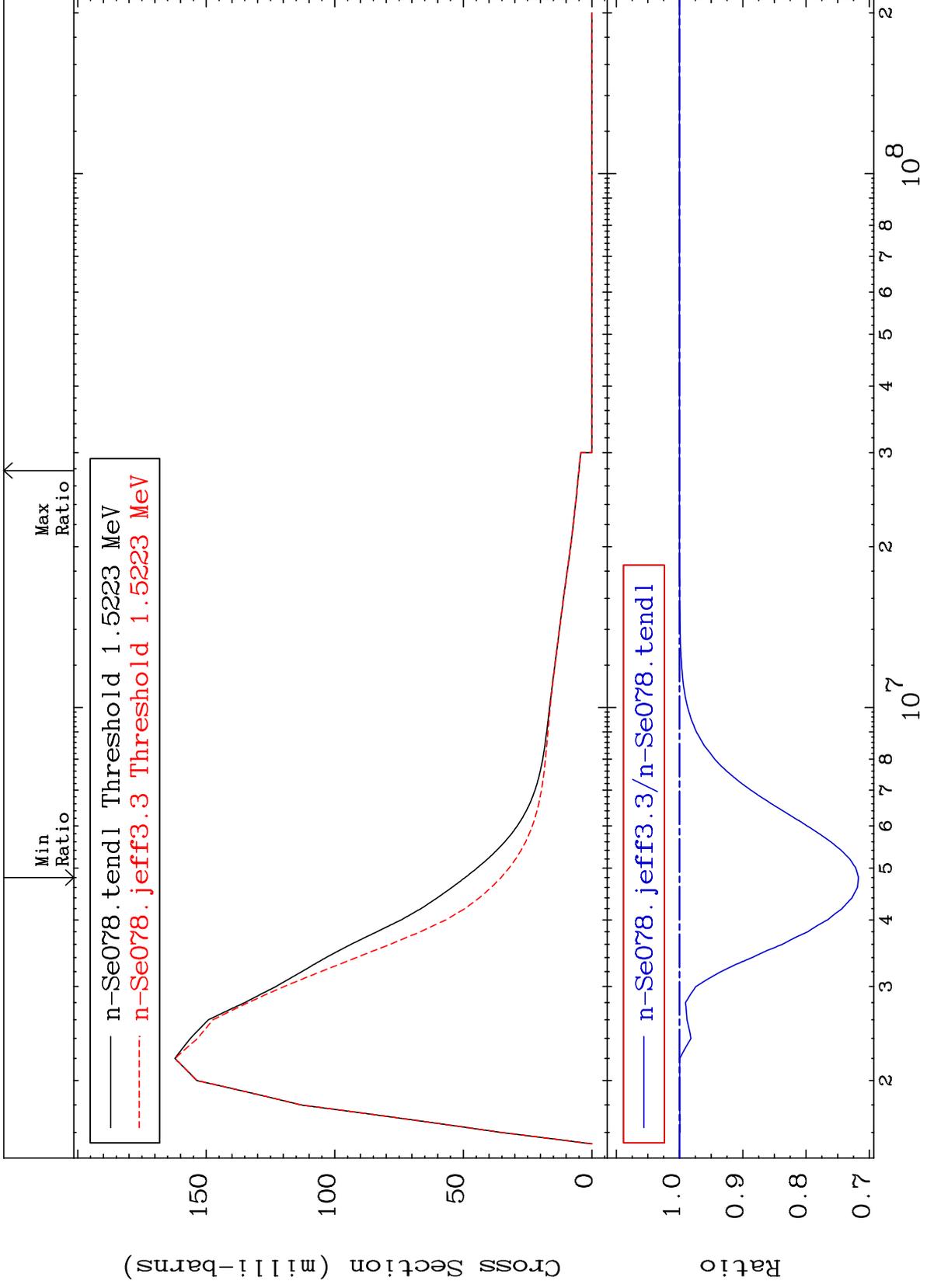
³⁴Se-78
-15.16 To 5.257 %



MAT 3437

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

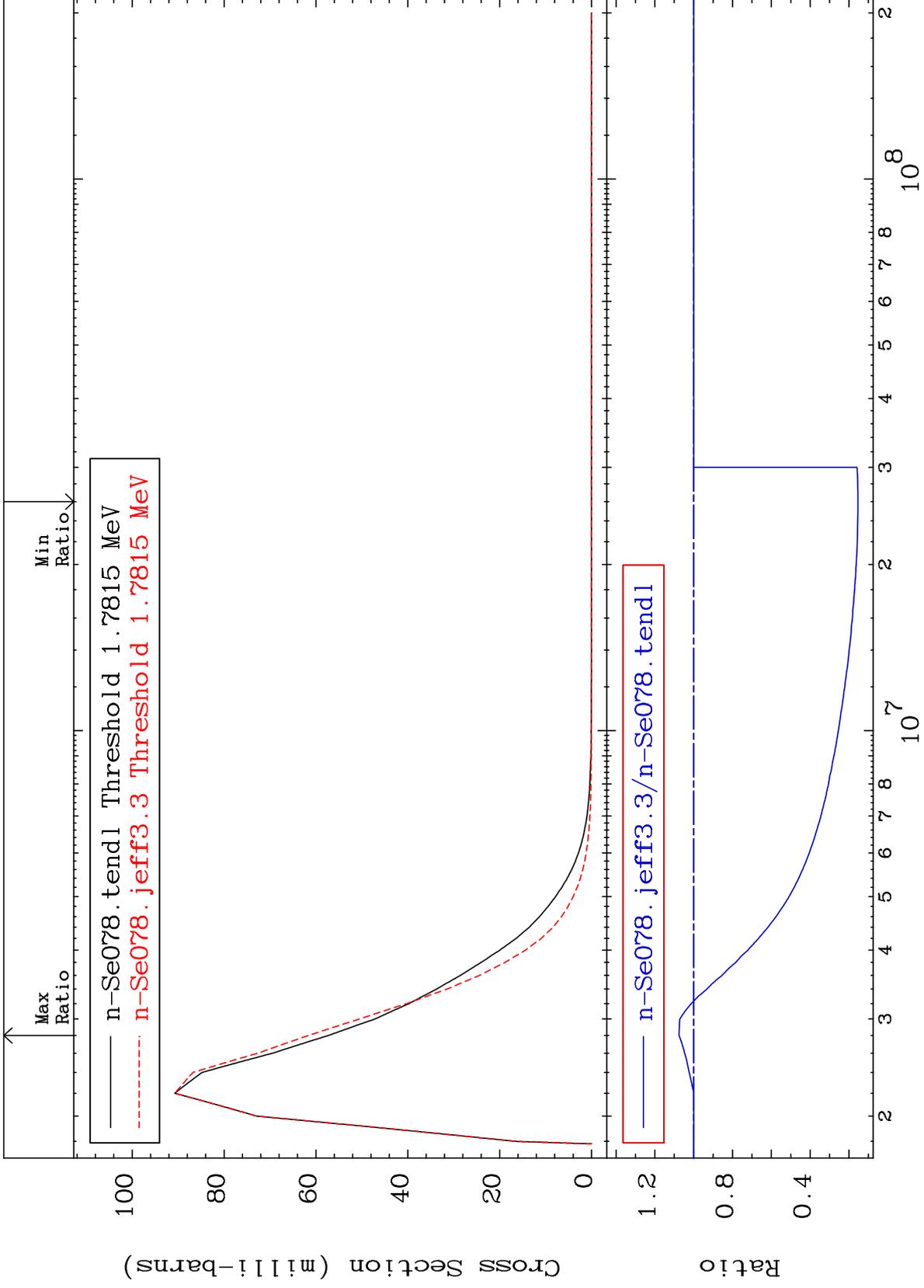
34-Se-78
-28.30 To 0.000 %



MAT 3437

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

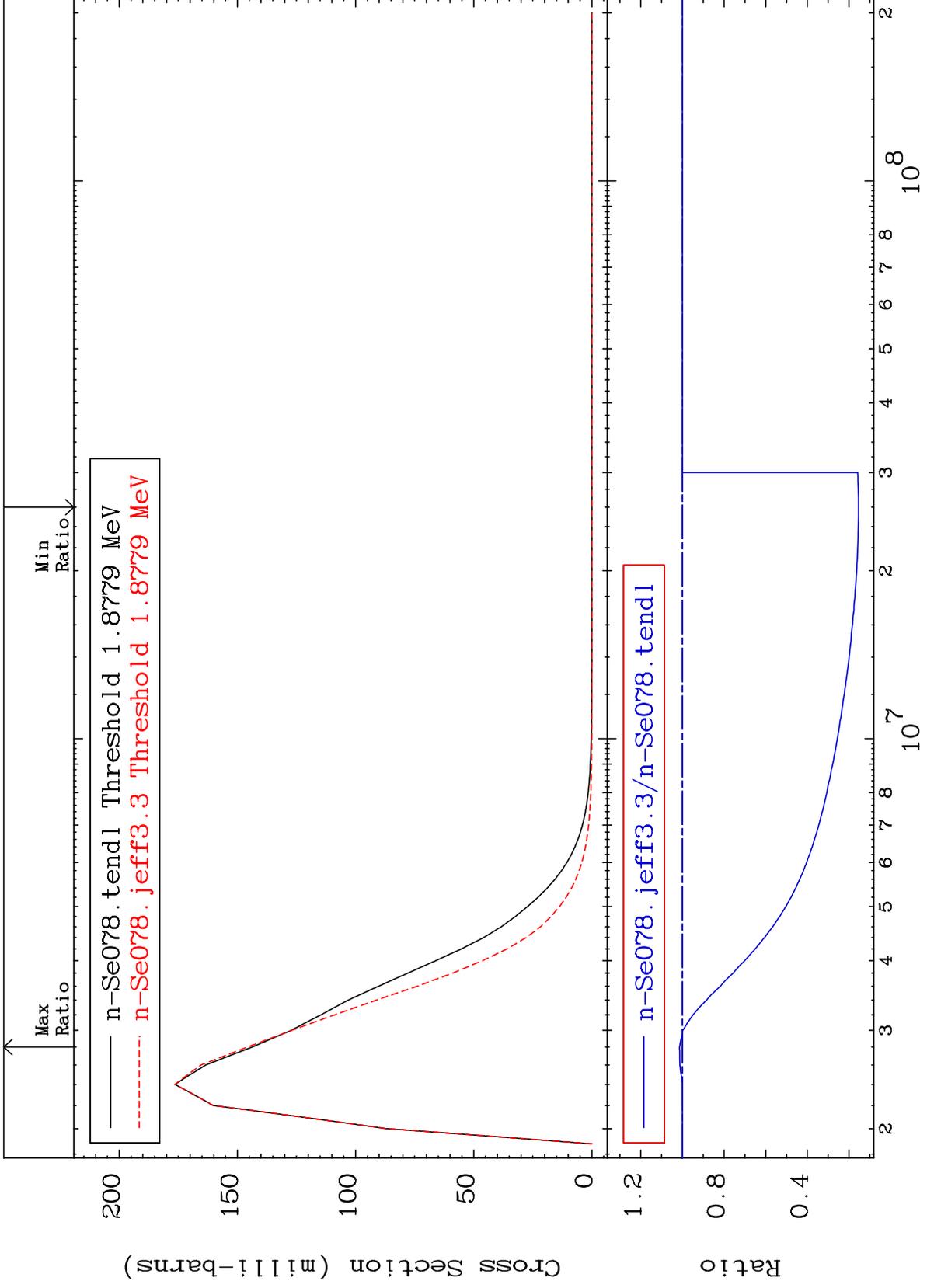
³⁴Se-78
-84.59 To 7.559 %



MAT 3437

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

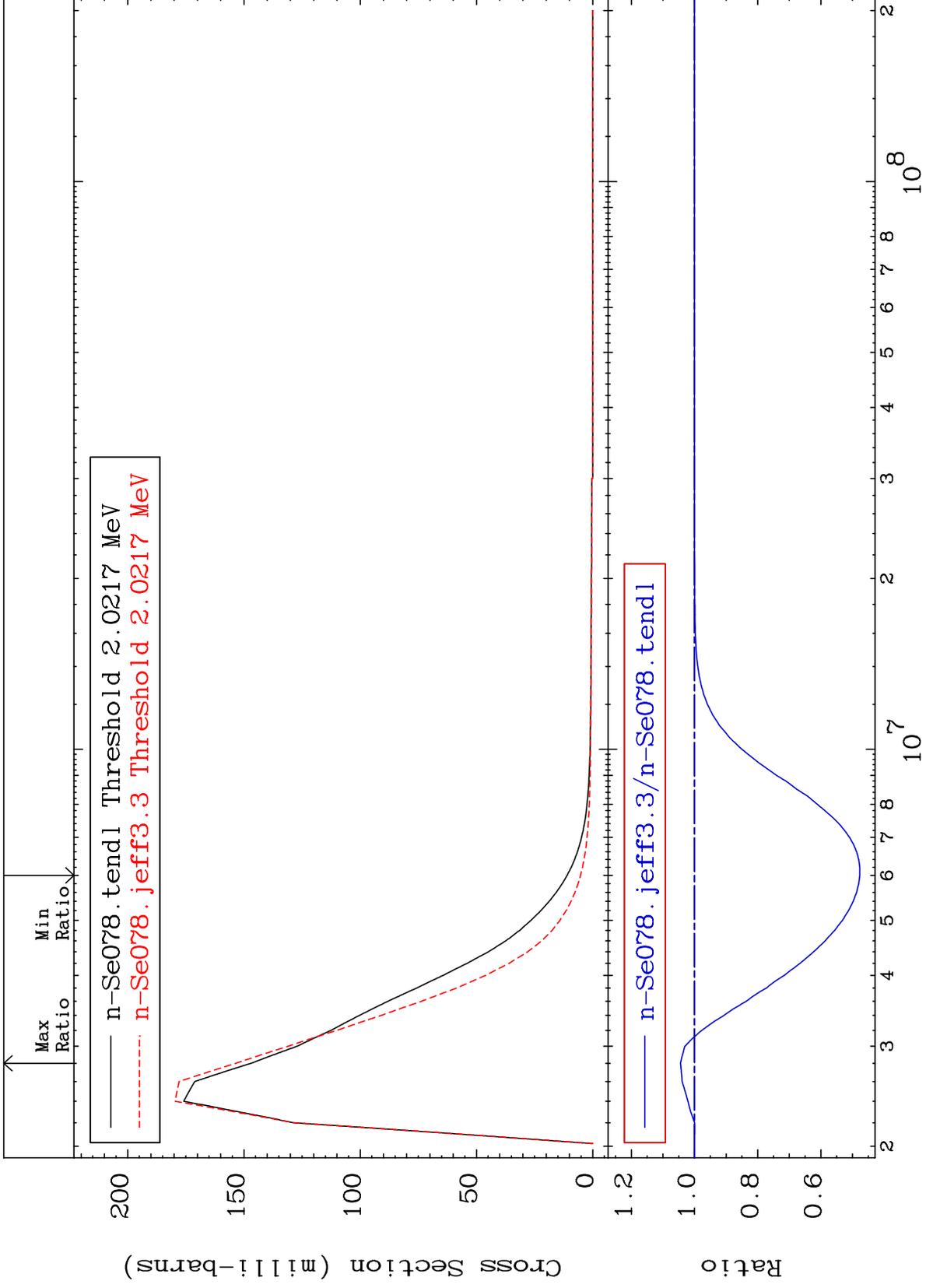
³⁴Se-78
-84.58 To 1.381 %



MAT 3437

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

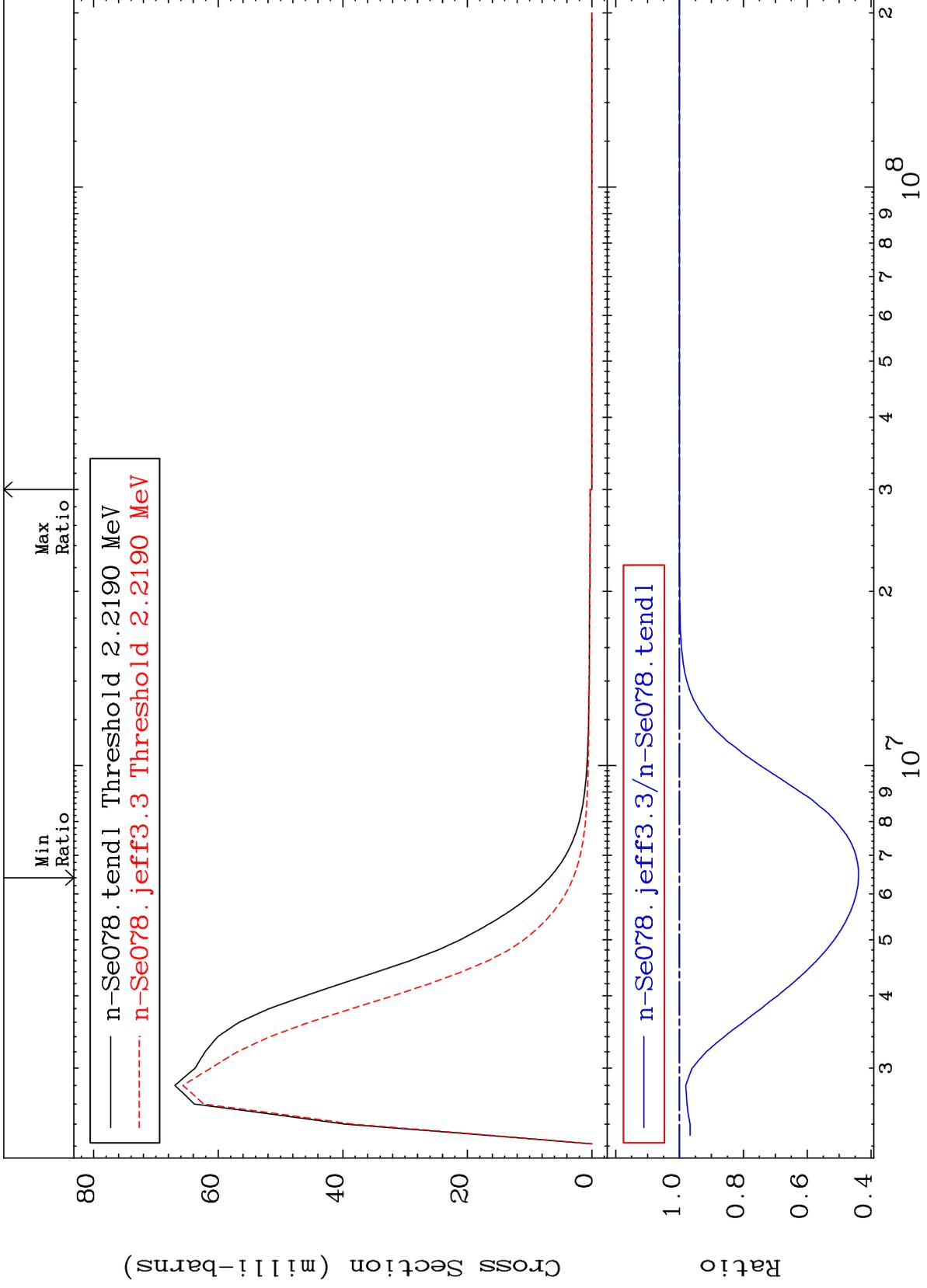
³⁴Se-78
-52.31 To 4.438 %



MAT 3437

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

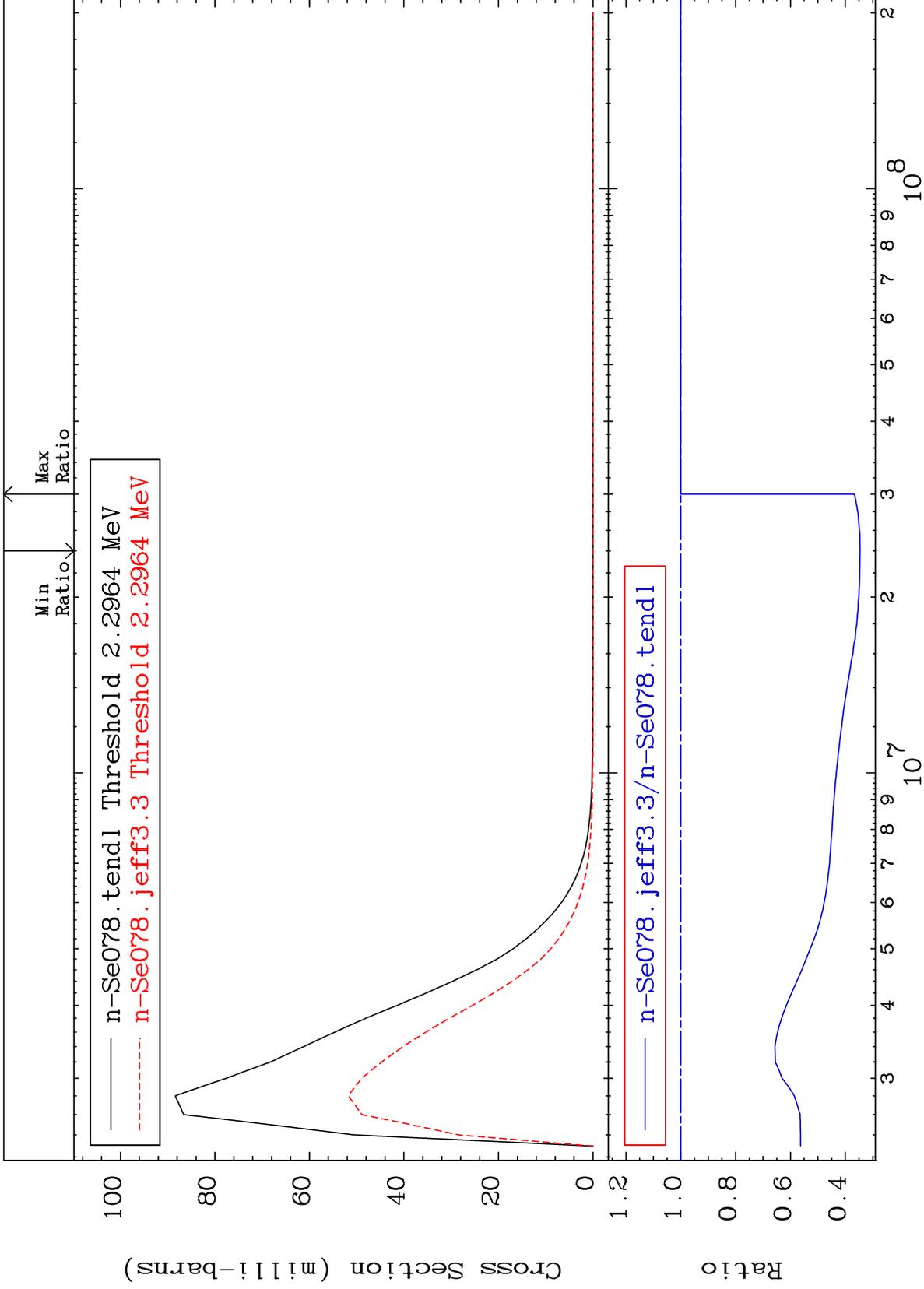
³⁴Se-78
-56.06 To 0.000 %



MAT 3437

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

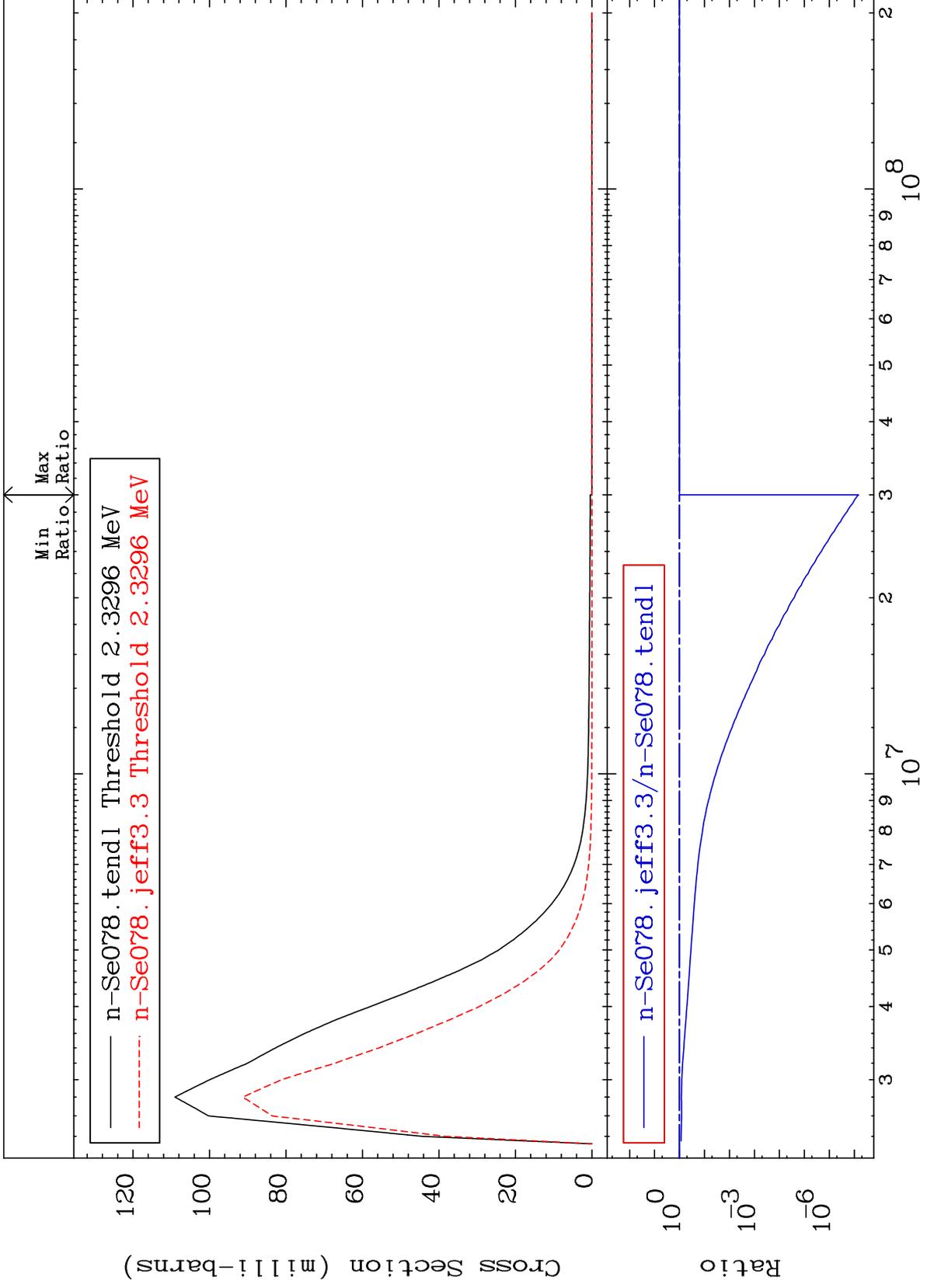
³⁴Se-78
-65.39 To 0.000 %



MAT 3437

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

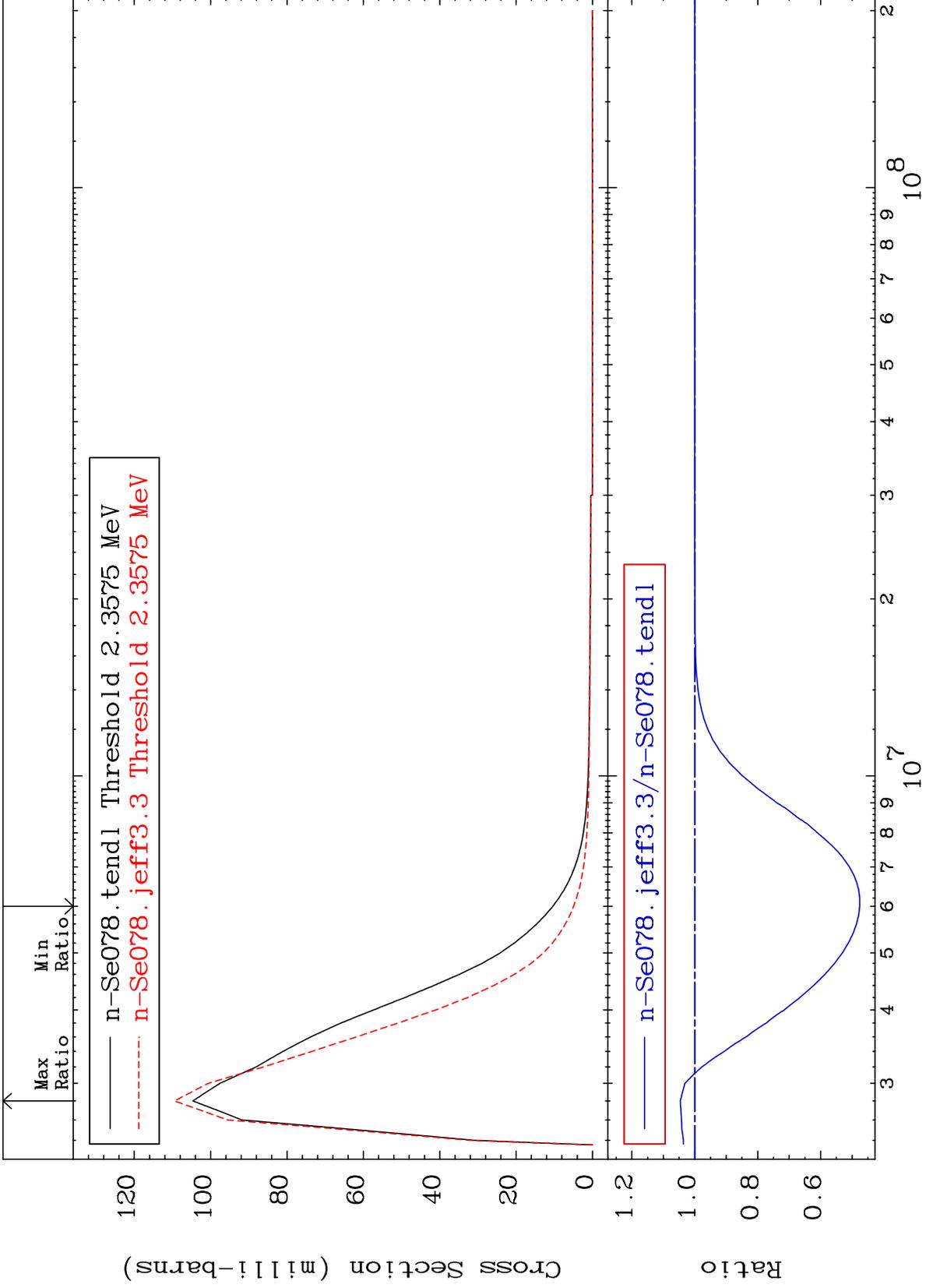
34-Se-78
-100.0 To 0.000 %



MAT 3437

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

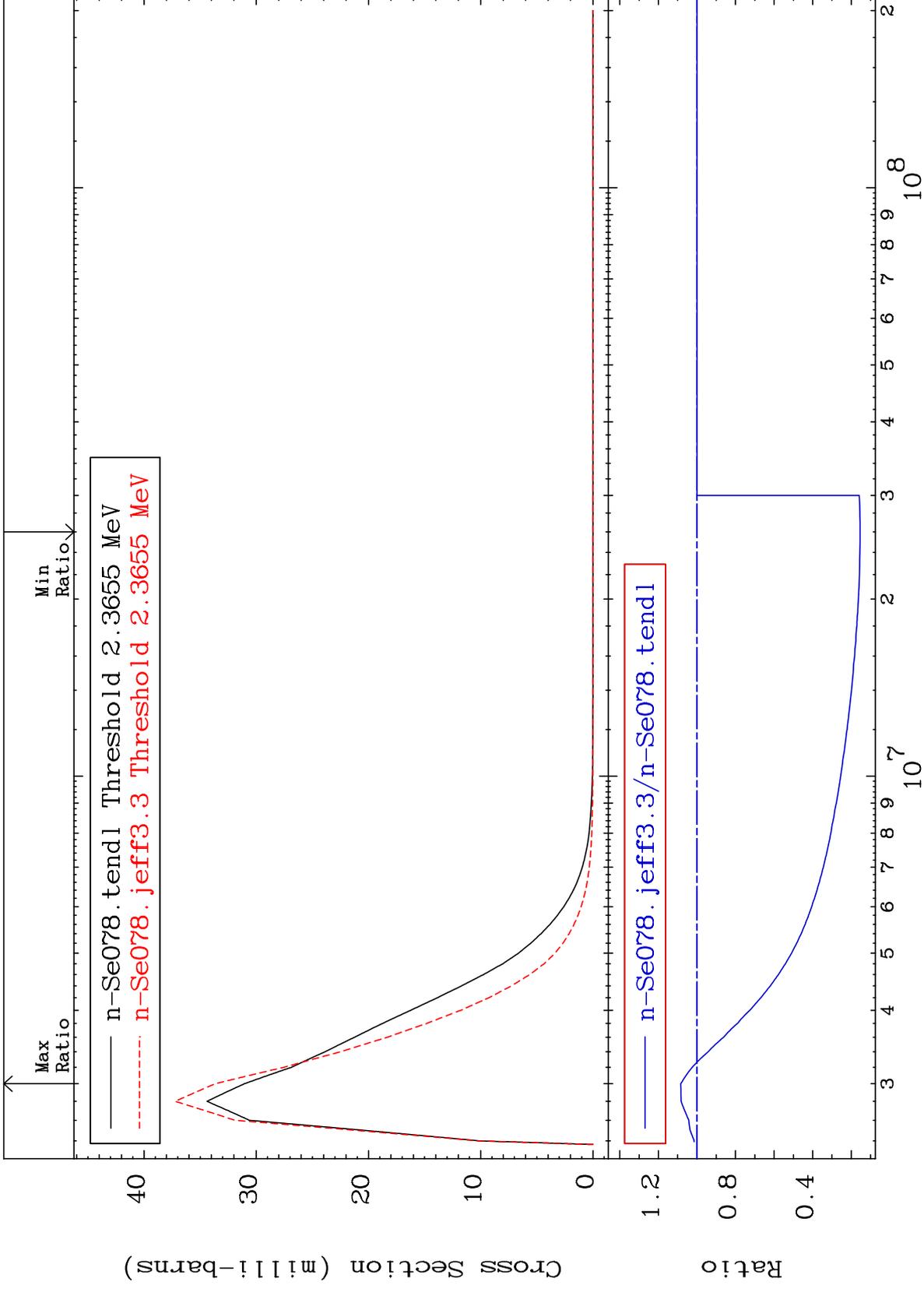
³⁴Se-78
-52.42 To 4.595 %



MAT 3437

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

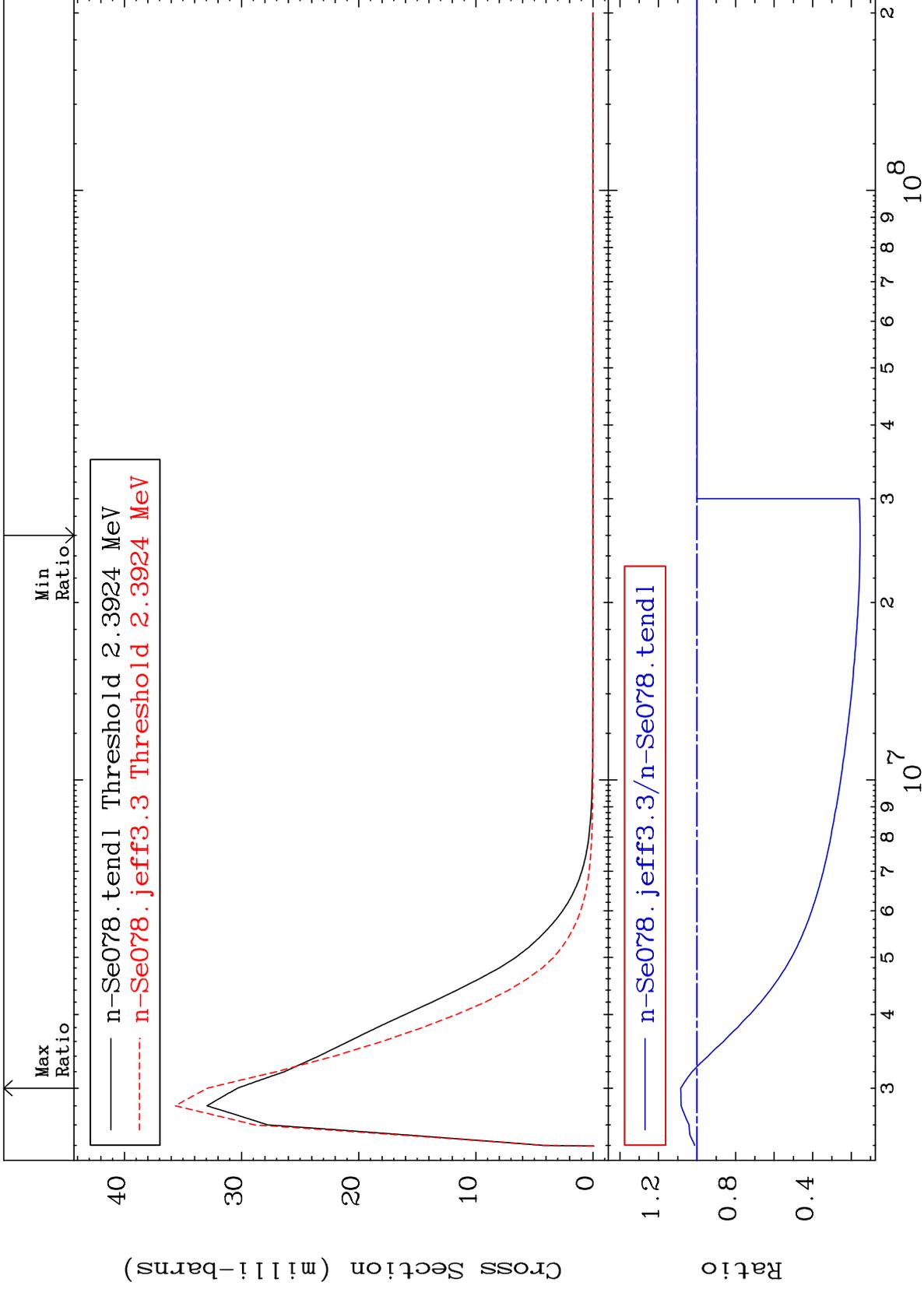
³⁴Se-78
-84.59 To 8.389 %



MAT 3437

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

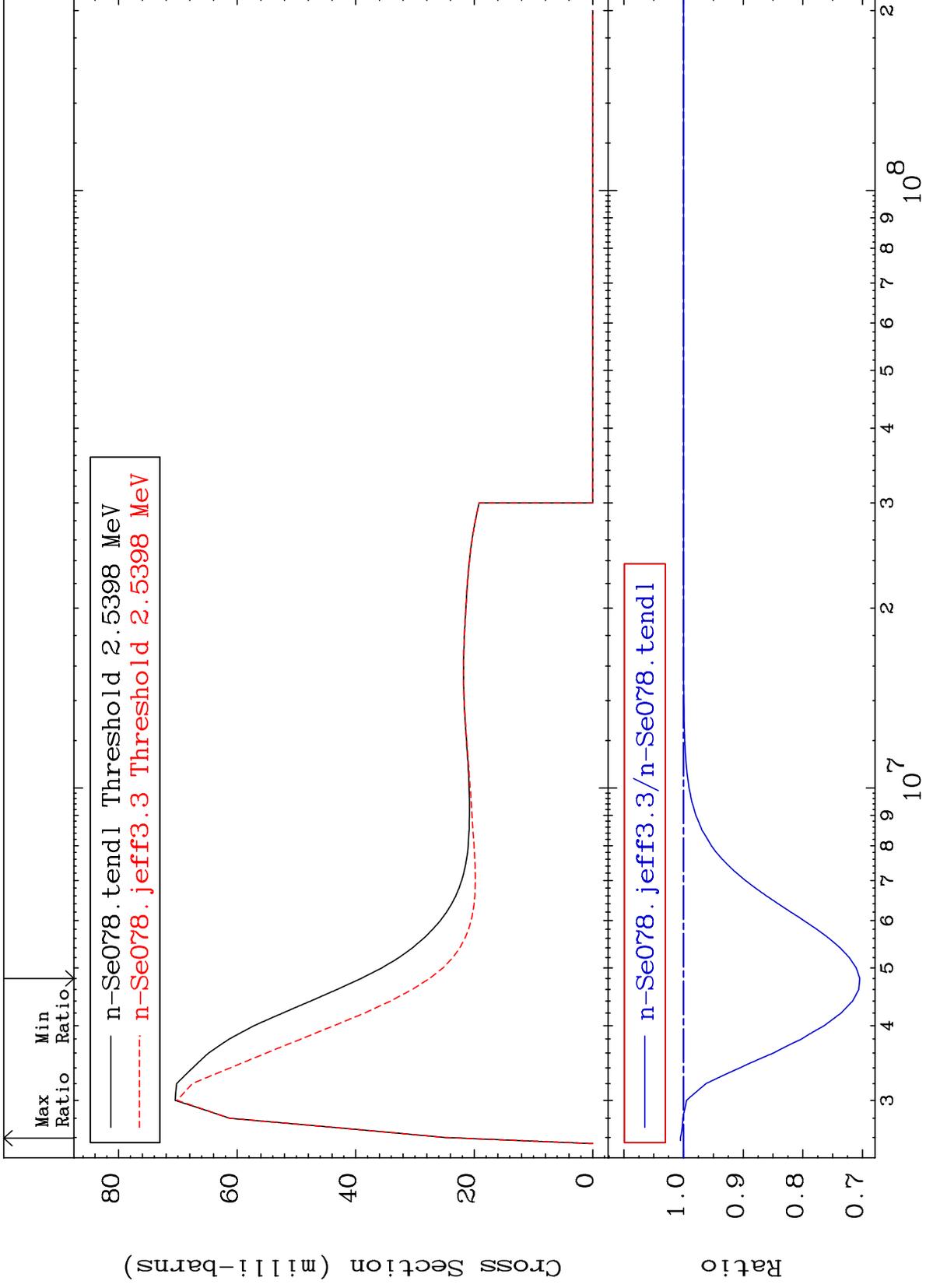
³⁴Se-78
-84.59 To 8.438 %



MAT 3437

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

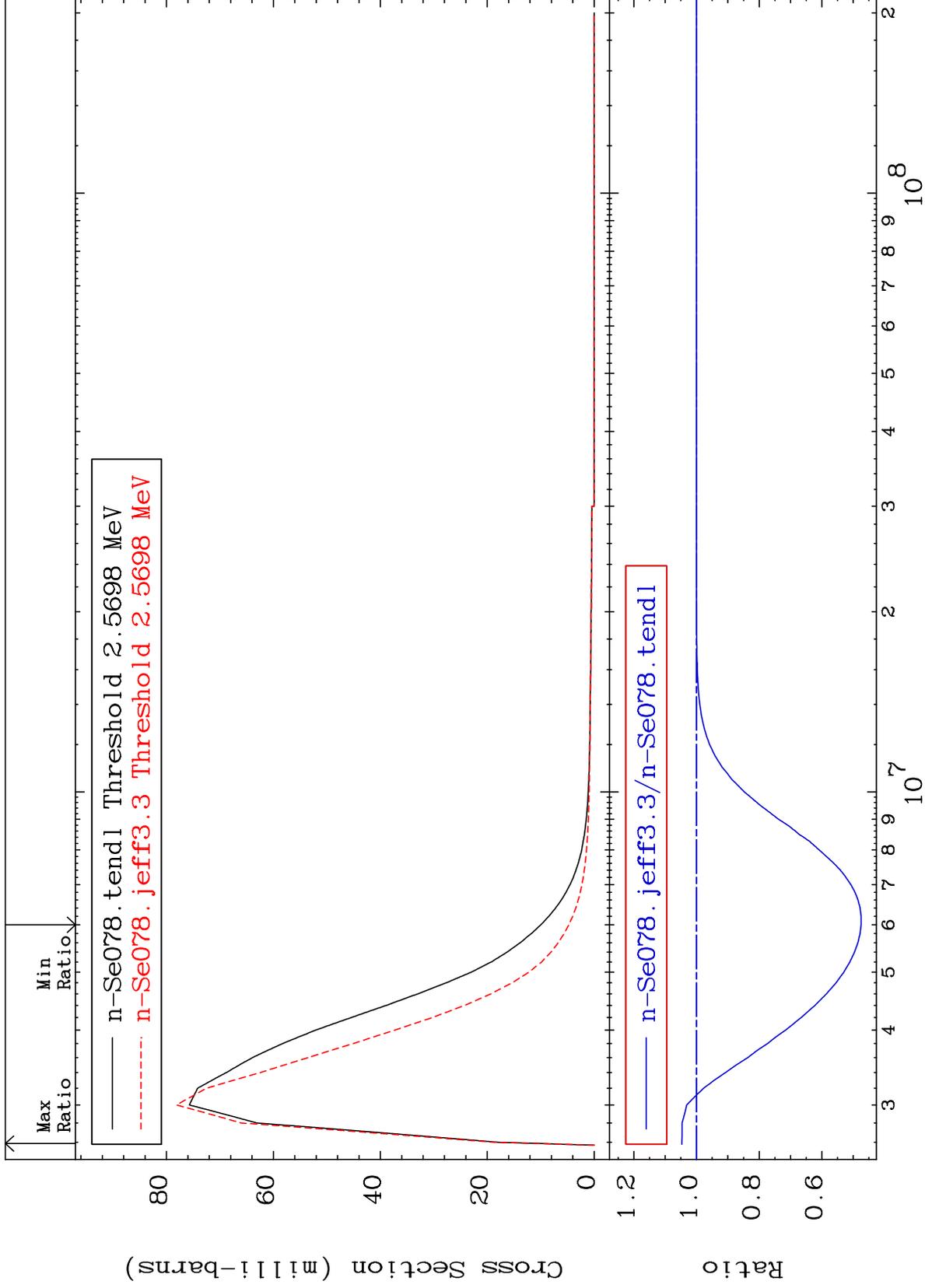
³⁴Se-78
-29.55 To 0.514 %



MAT 3437

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

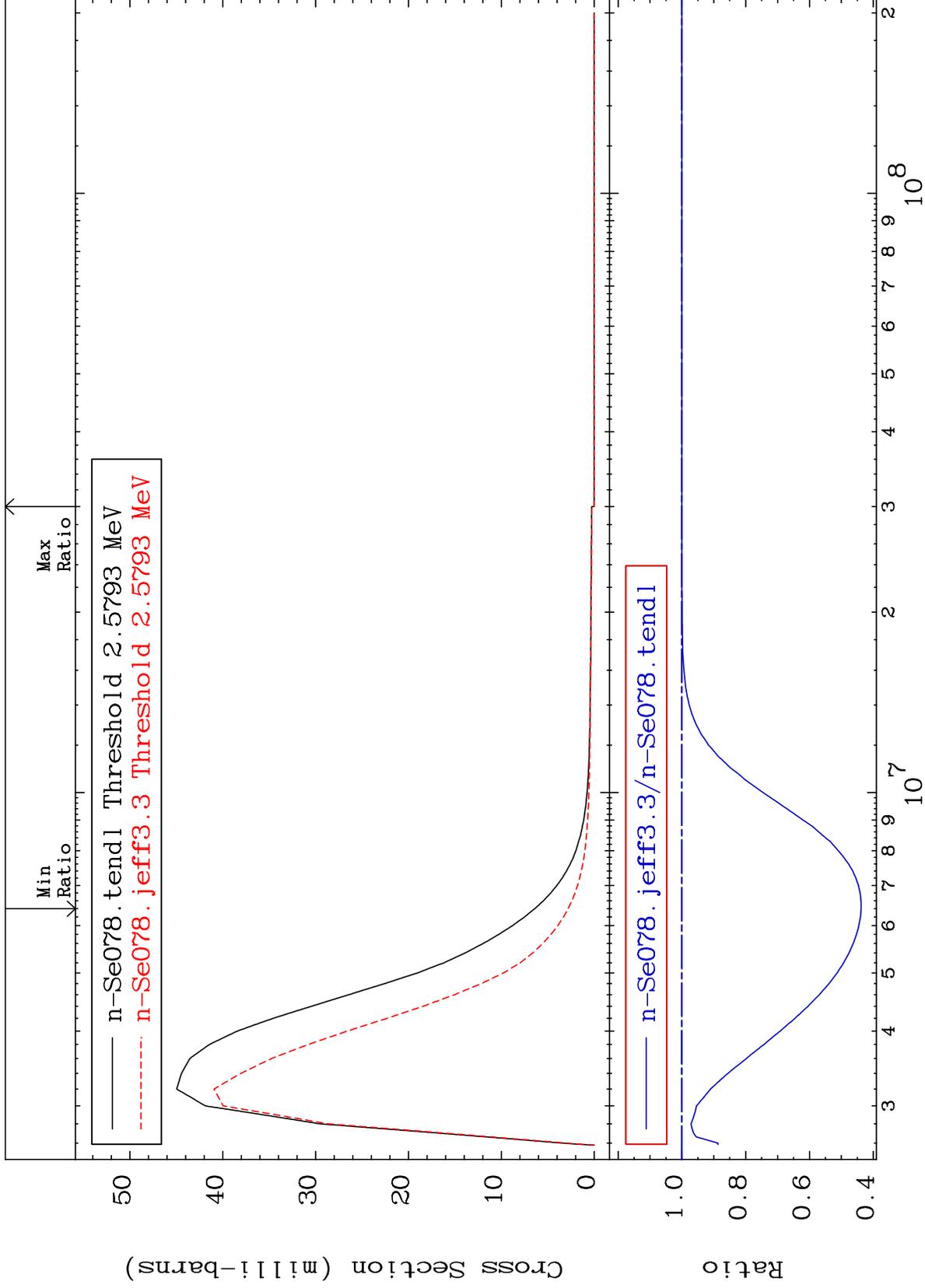
³⁴Se-78
-52.52 To 4.667 %



MAT 3437

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

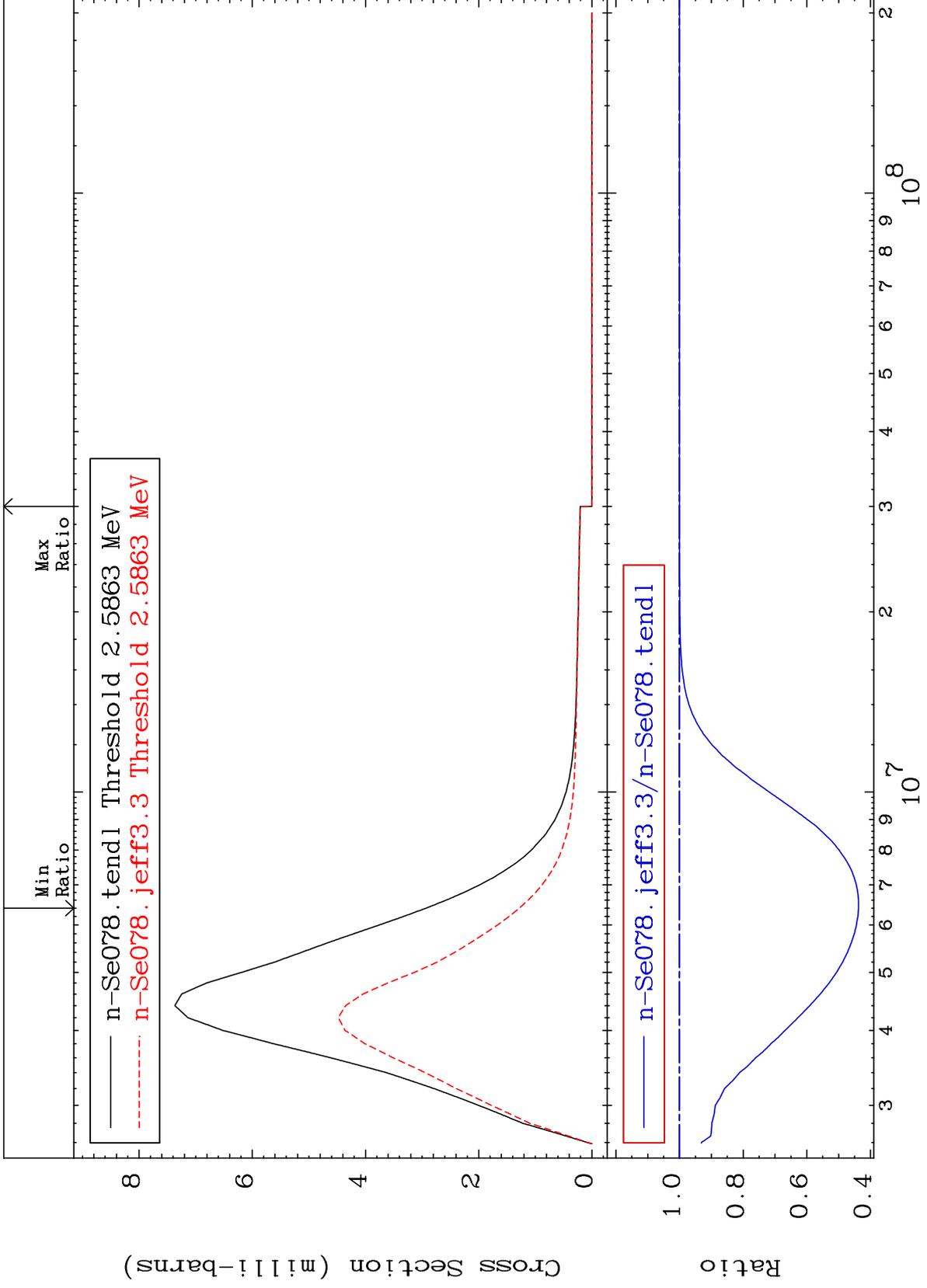
³⁴Se-78
-56.19 To 0.000 %



MAT 3437

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

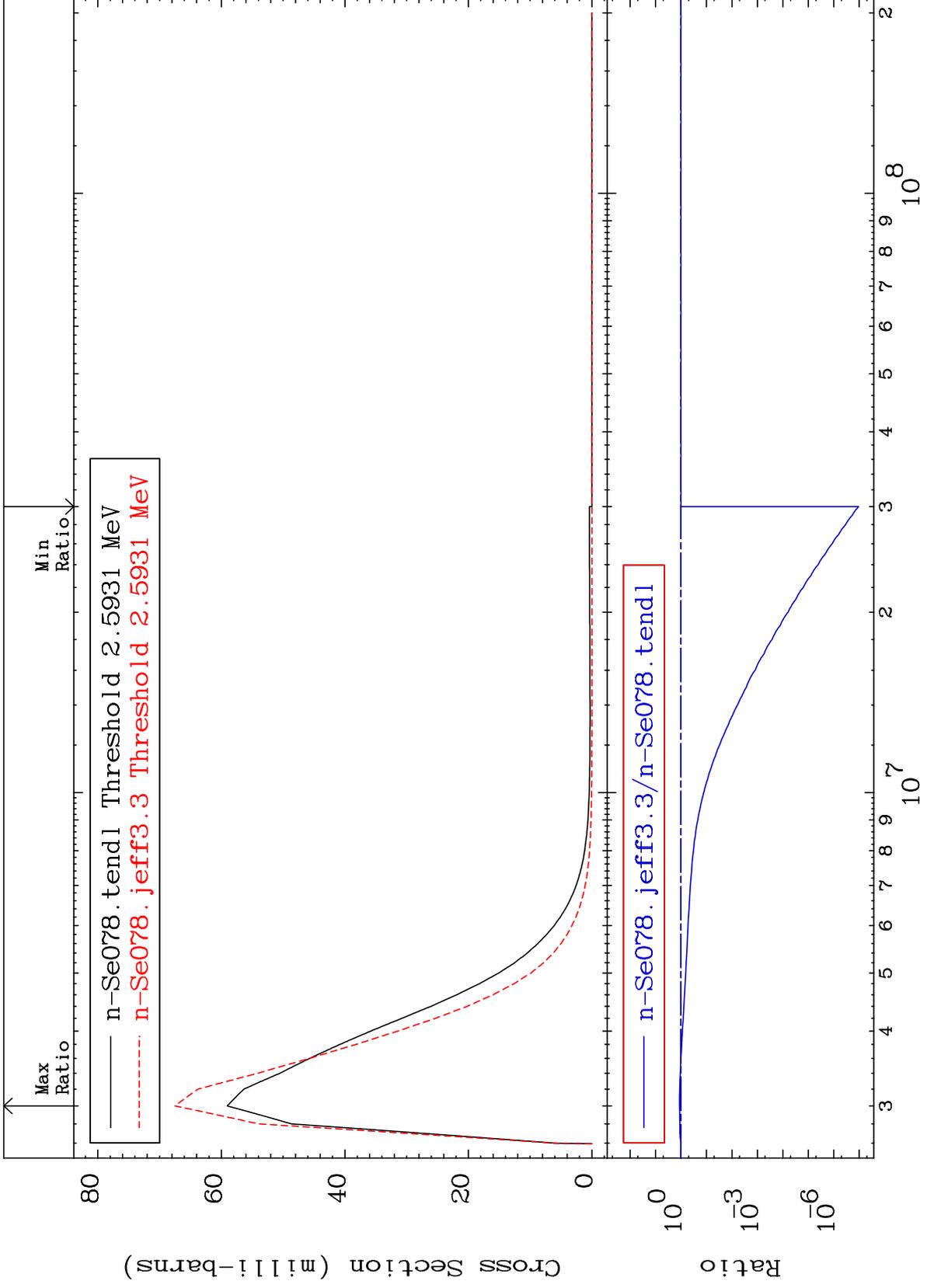
34-Se-78
-56.26 To 0.000 %



MAT 3437

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

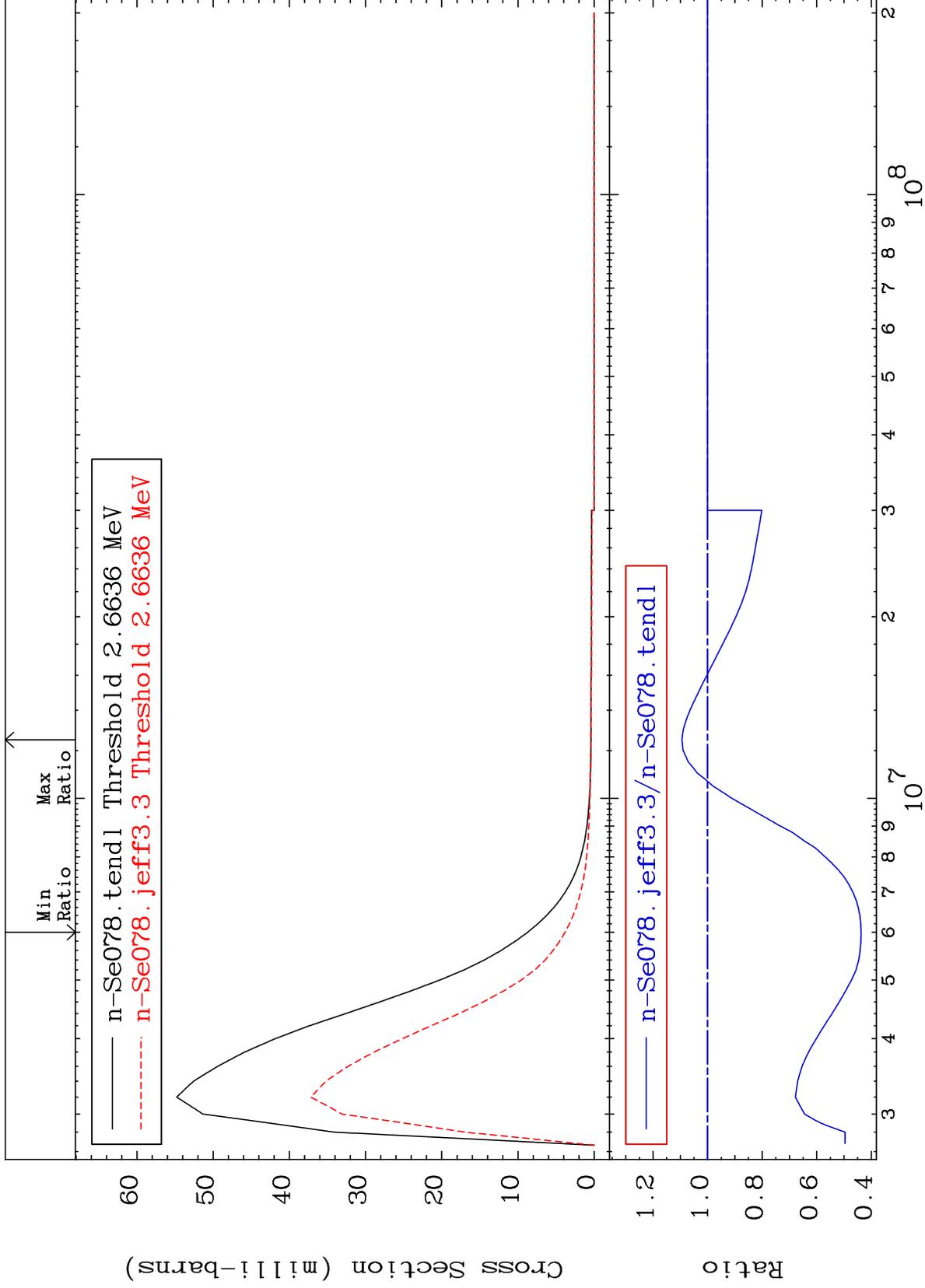
³⁴Se-78
-100.0 To 14.35 %



MAT 3437

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

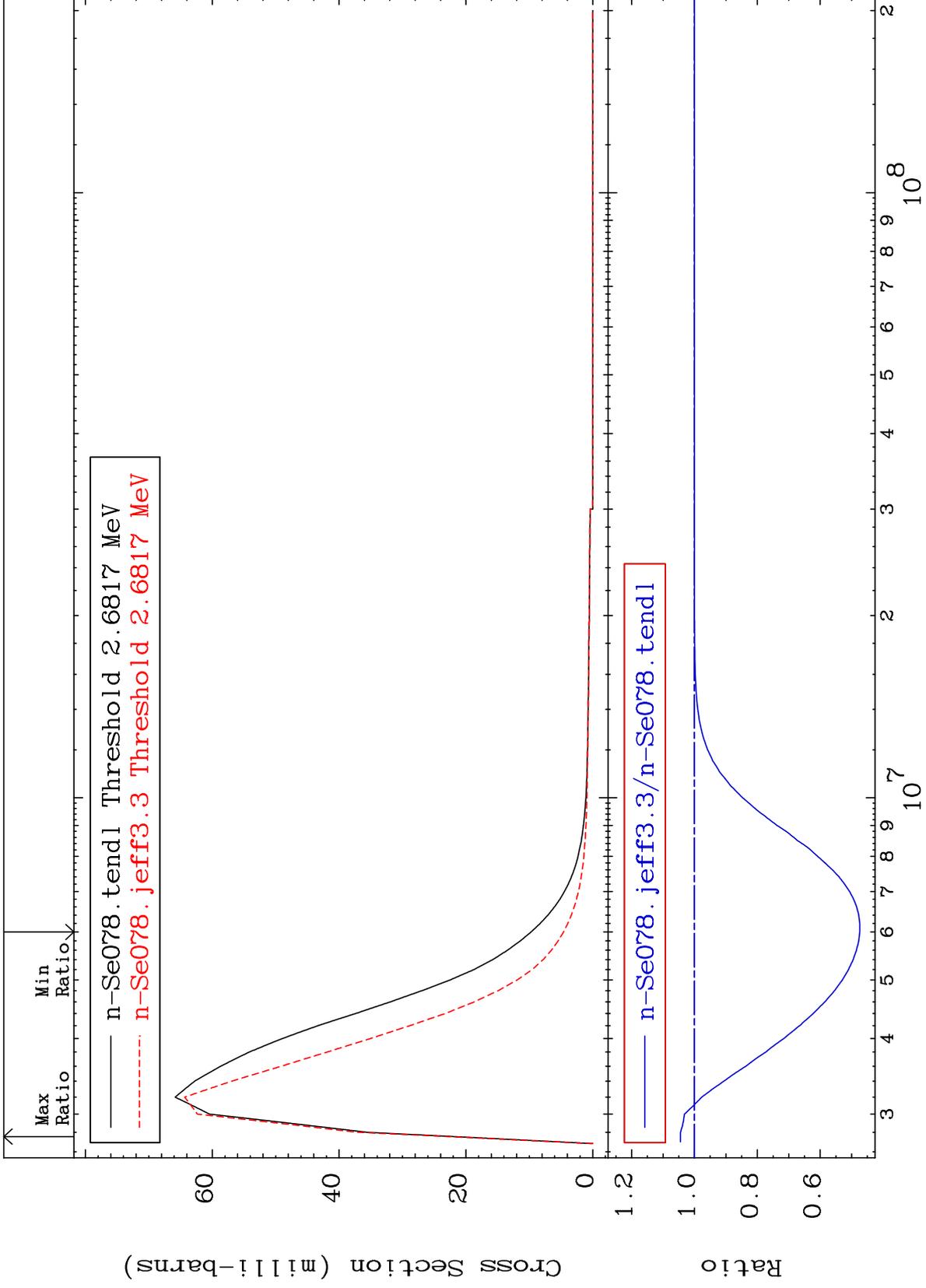
³⁴Se-78
-56.27 To 9.423 %



MAT 3437

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

³⁴Se-78
-52.59 To 4.442 %



39

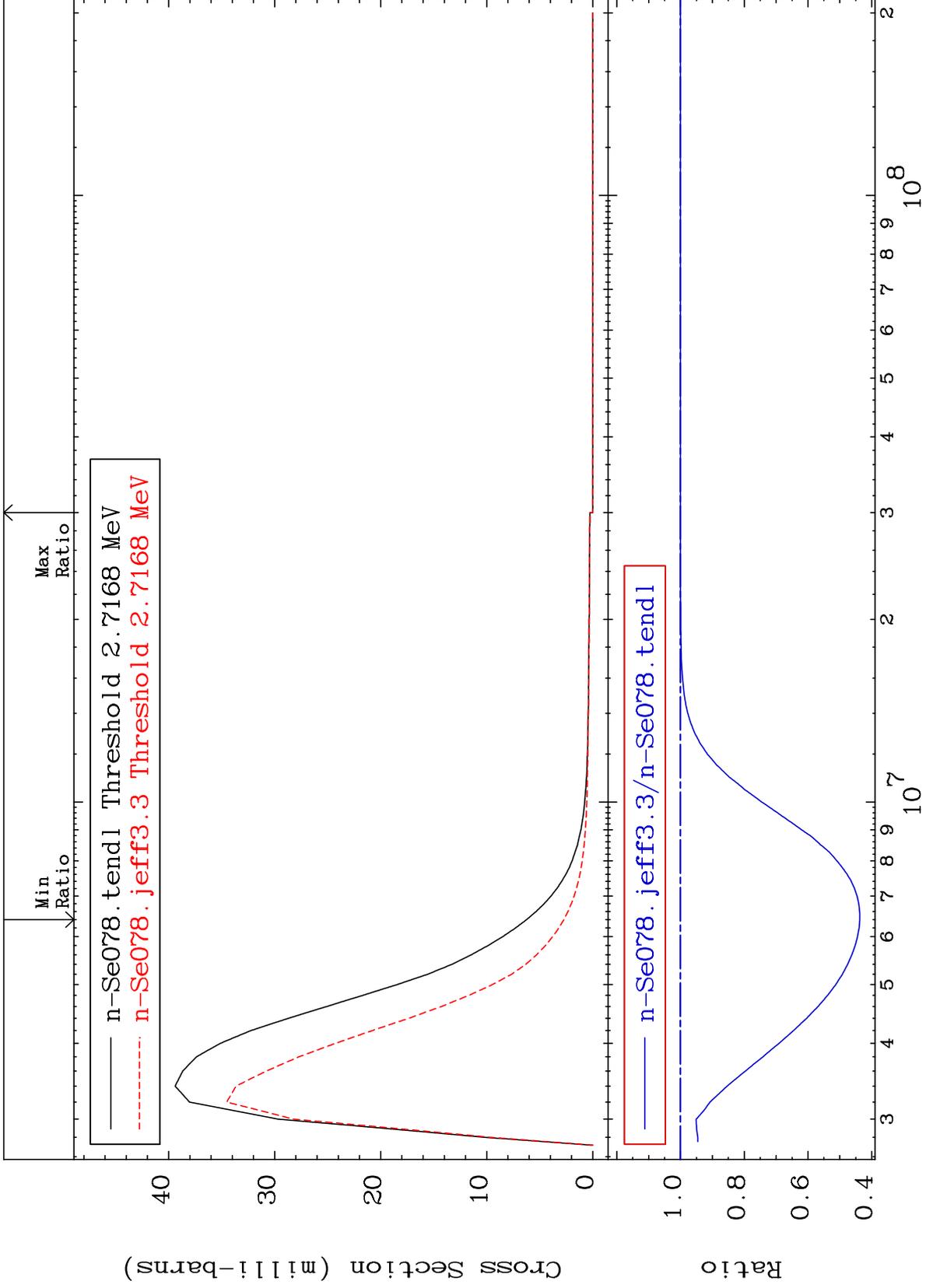
Incident Energy (eV)

³⁴Se-78

MAT 3437

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

³⁴Se-78
-56.26 To 0.000 %



40

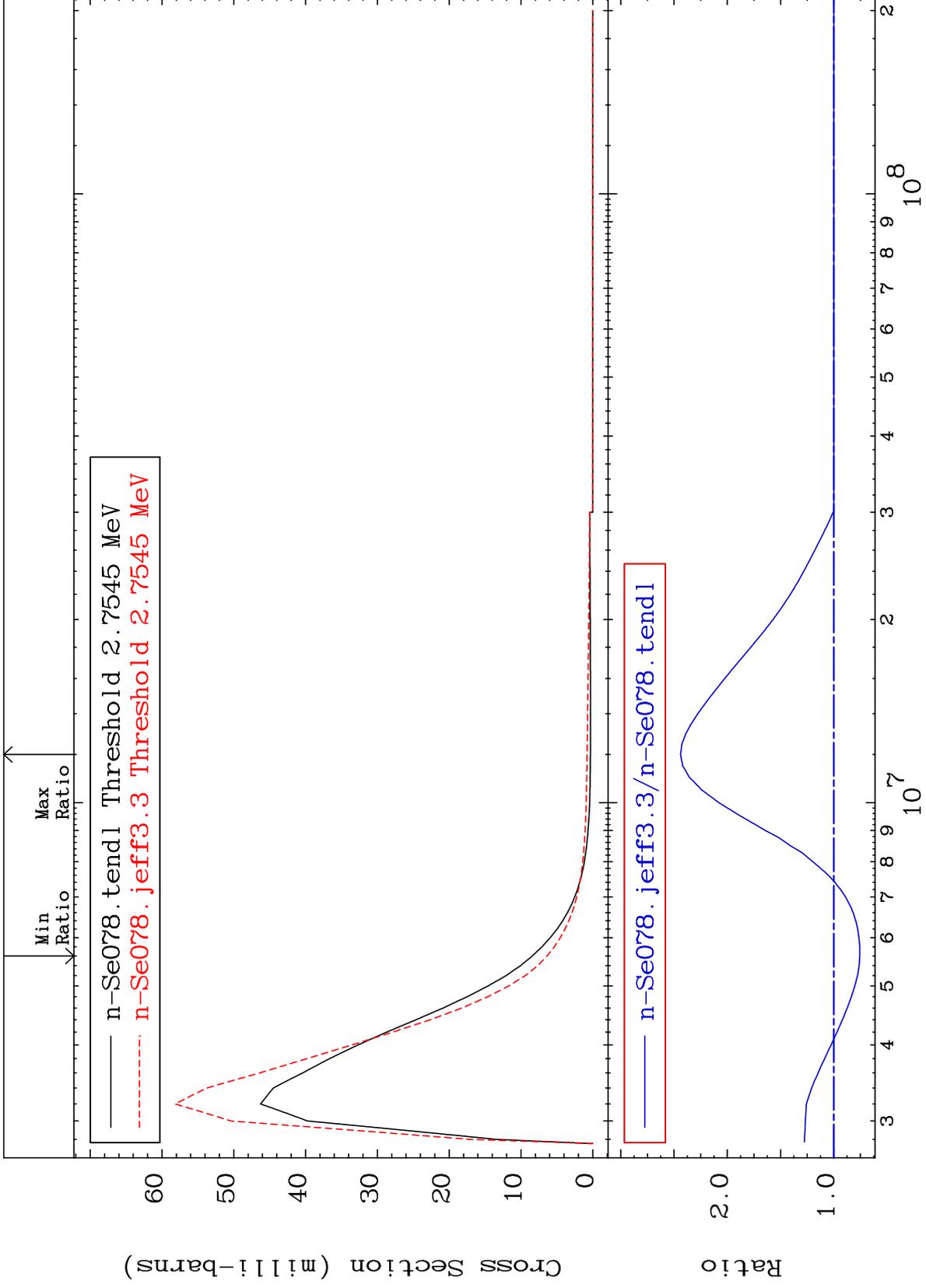
Incident Energy (eV)

³⁴Se-78

MAT 3437

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

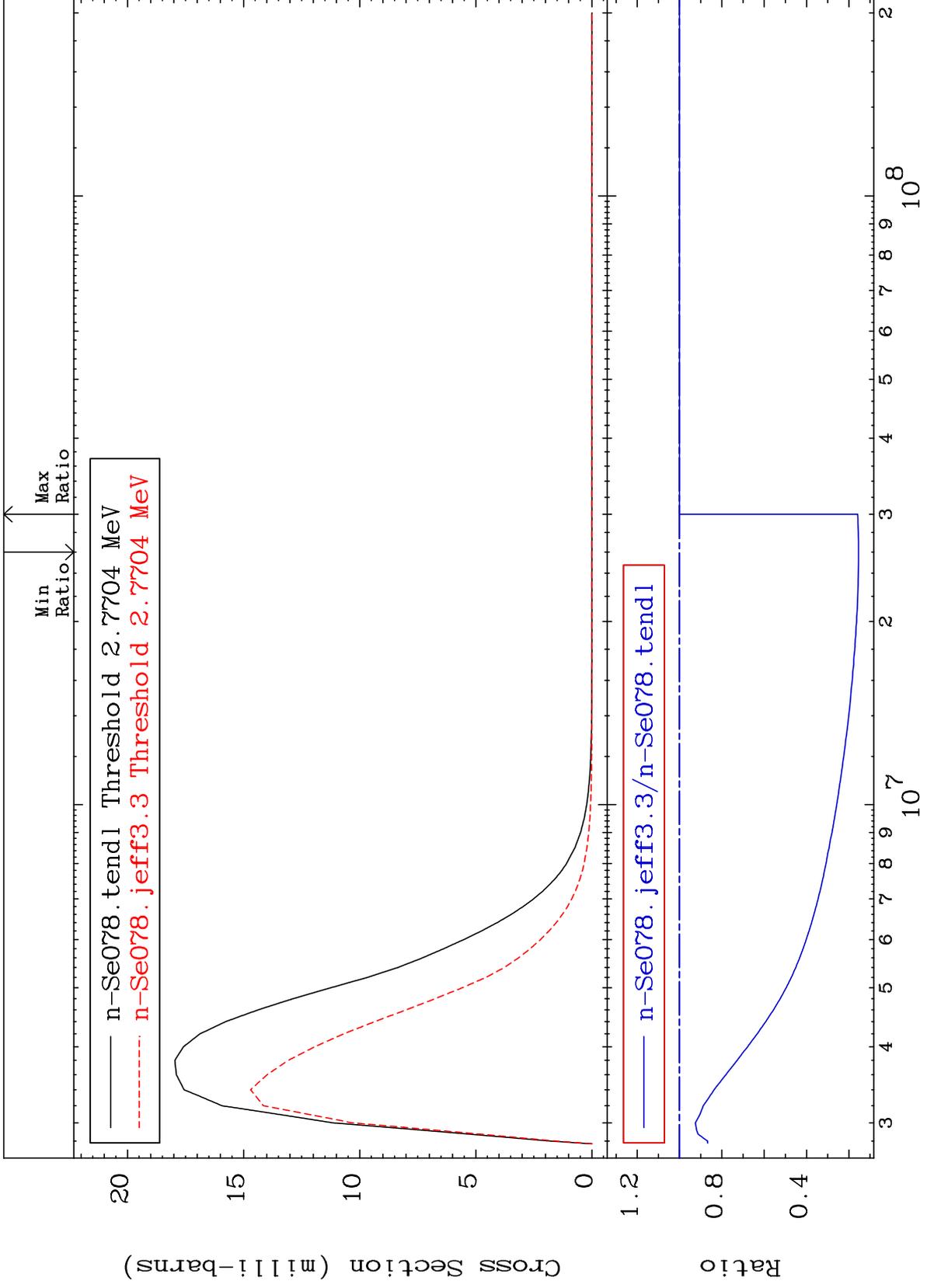
³⁴Se-78
-24.36 To 143.9 %



MAT 3437

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

³⁴Se-78
-84.55 To 0.000 %



42

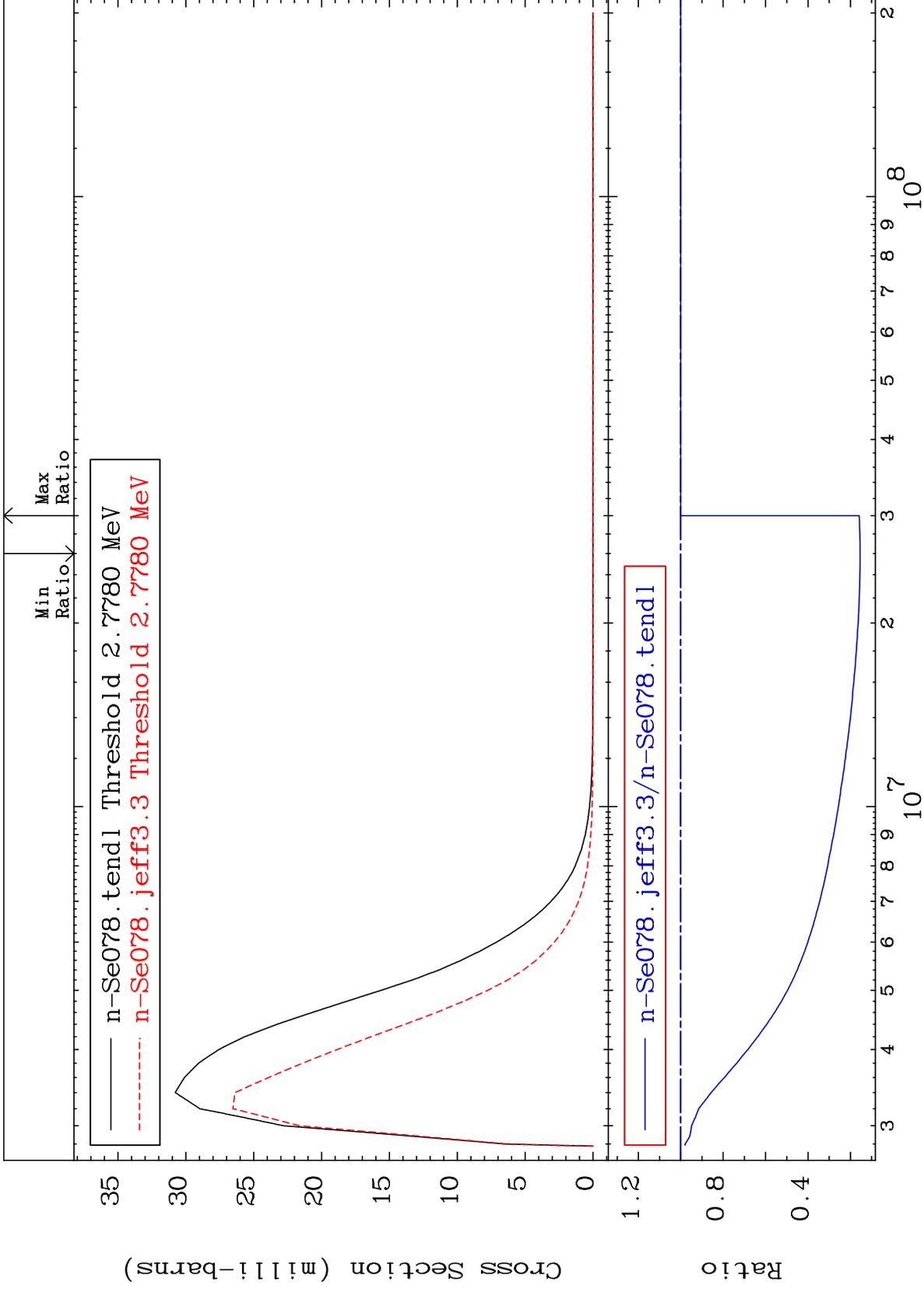
Incident Energy (eV)

³⁴Se-78

MAT 3437

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

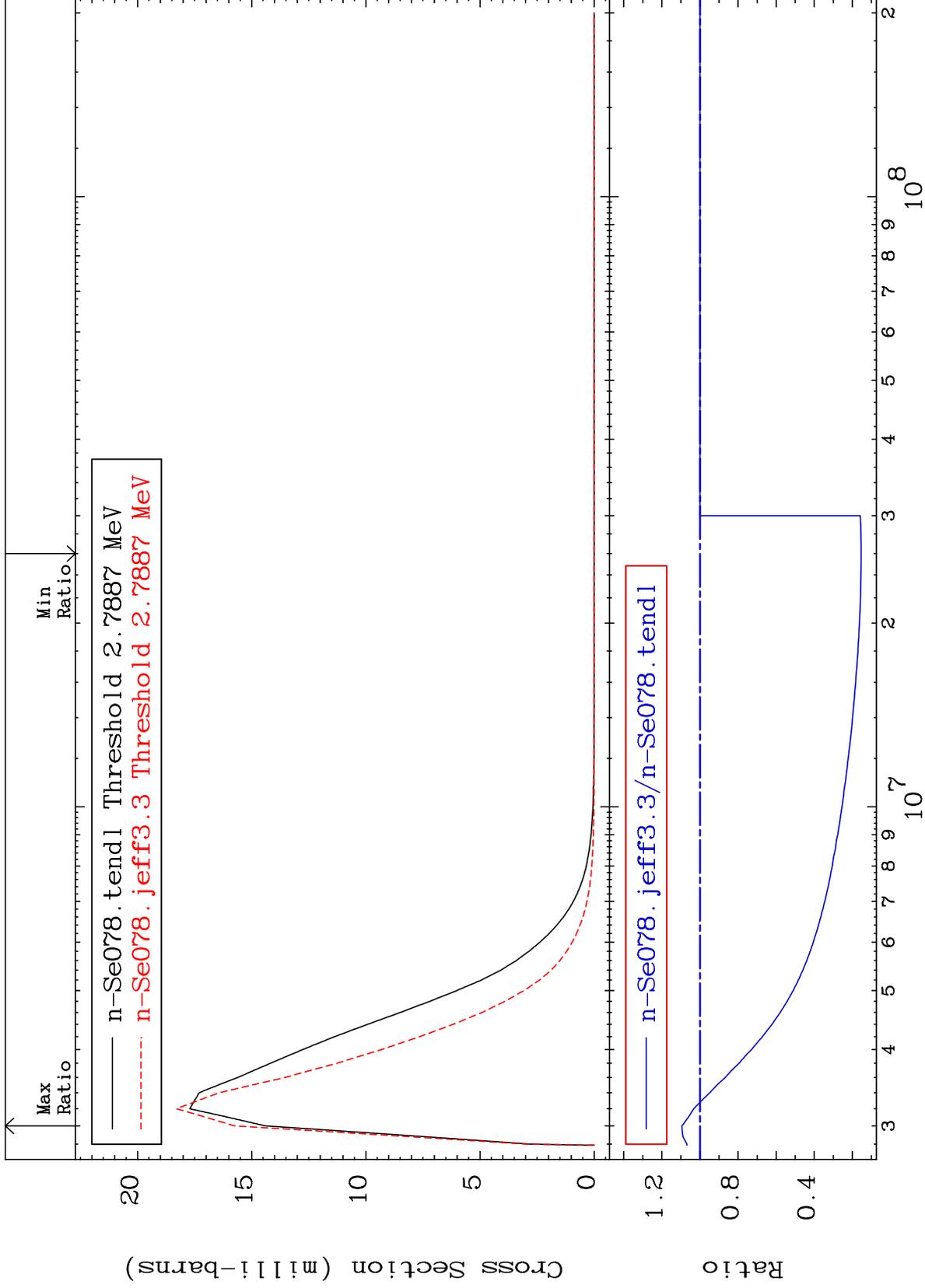
³⁴Se-78
-84.57 To 0.000 %



MAT 3437

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

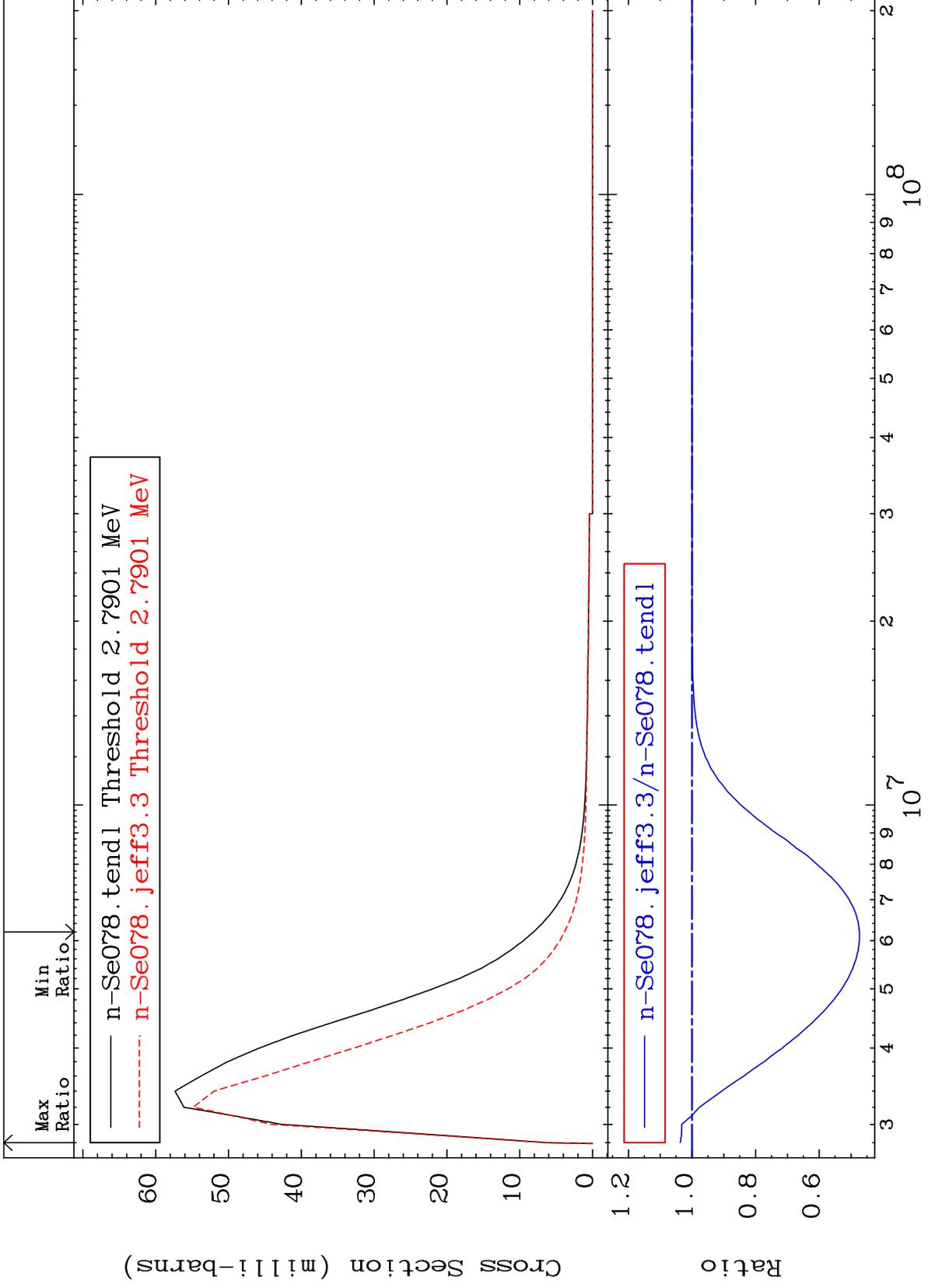
³⁴Se-78
-84.59 To 9.464 %

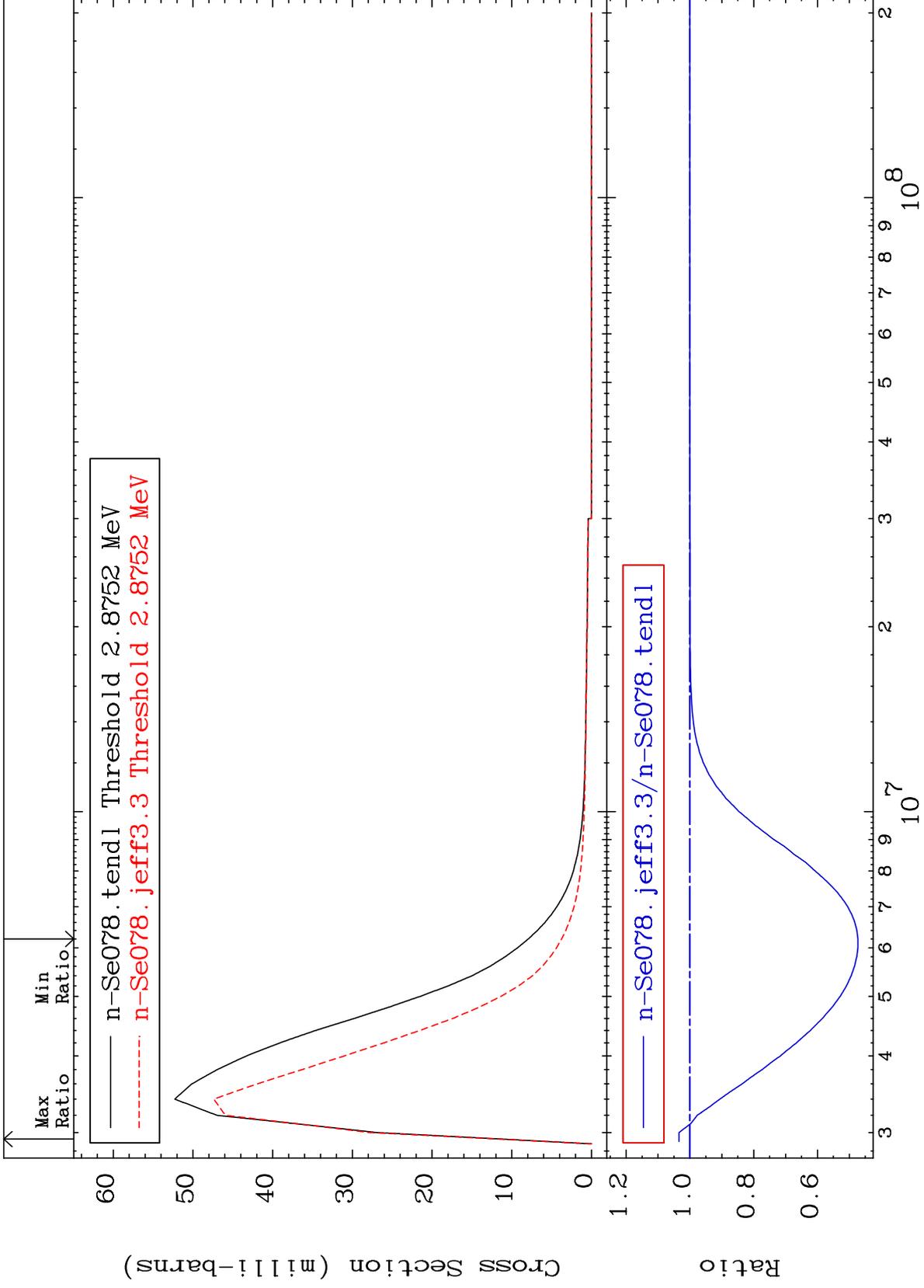


MAT 3437

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

³⁴Se-78
-52.65 To 3.693 %

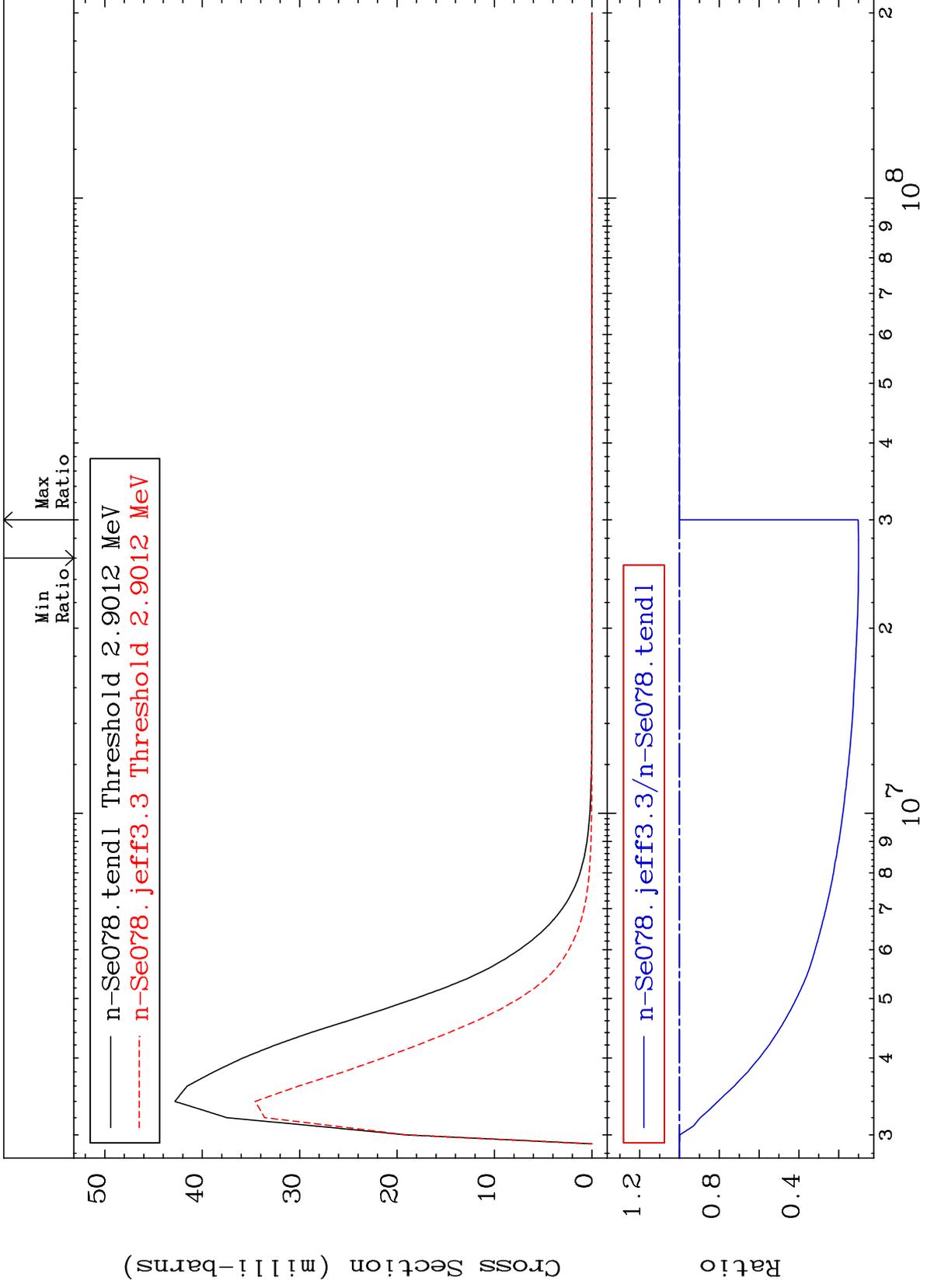




MAT 3437

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

³⁴Se-78
-89.99 To 0.000 %



47

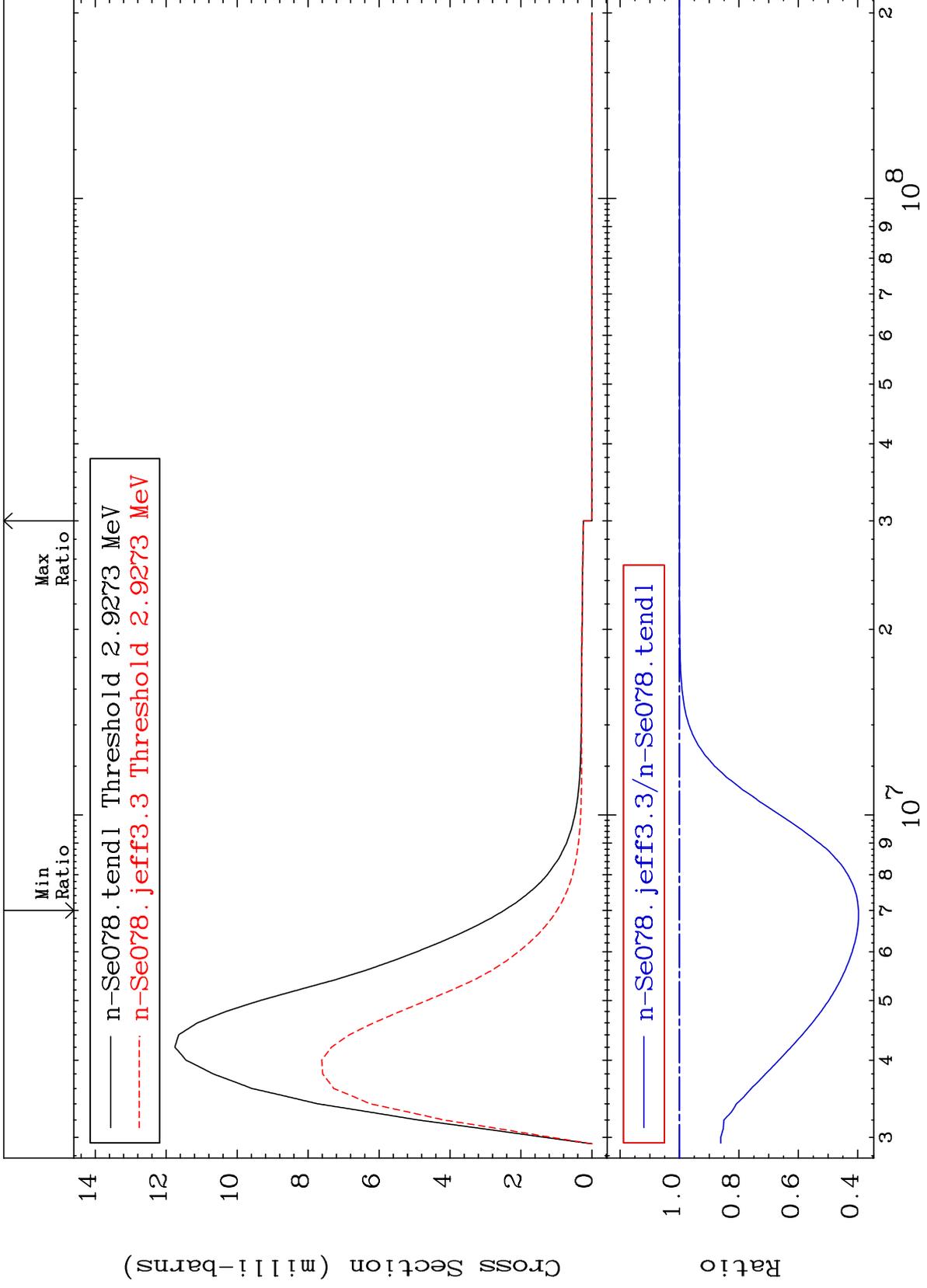
Incident Energy (eV)

³⁴Se-78

MAT 3437

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

34-Se-78
-60.25 To 0.000 %



48

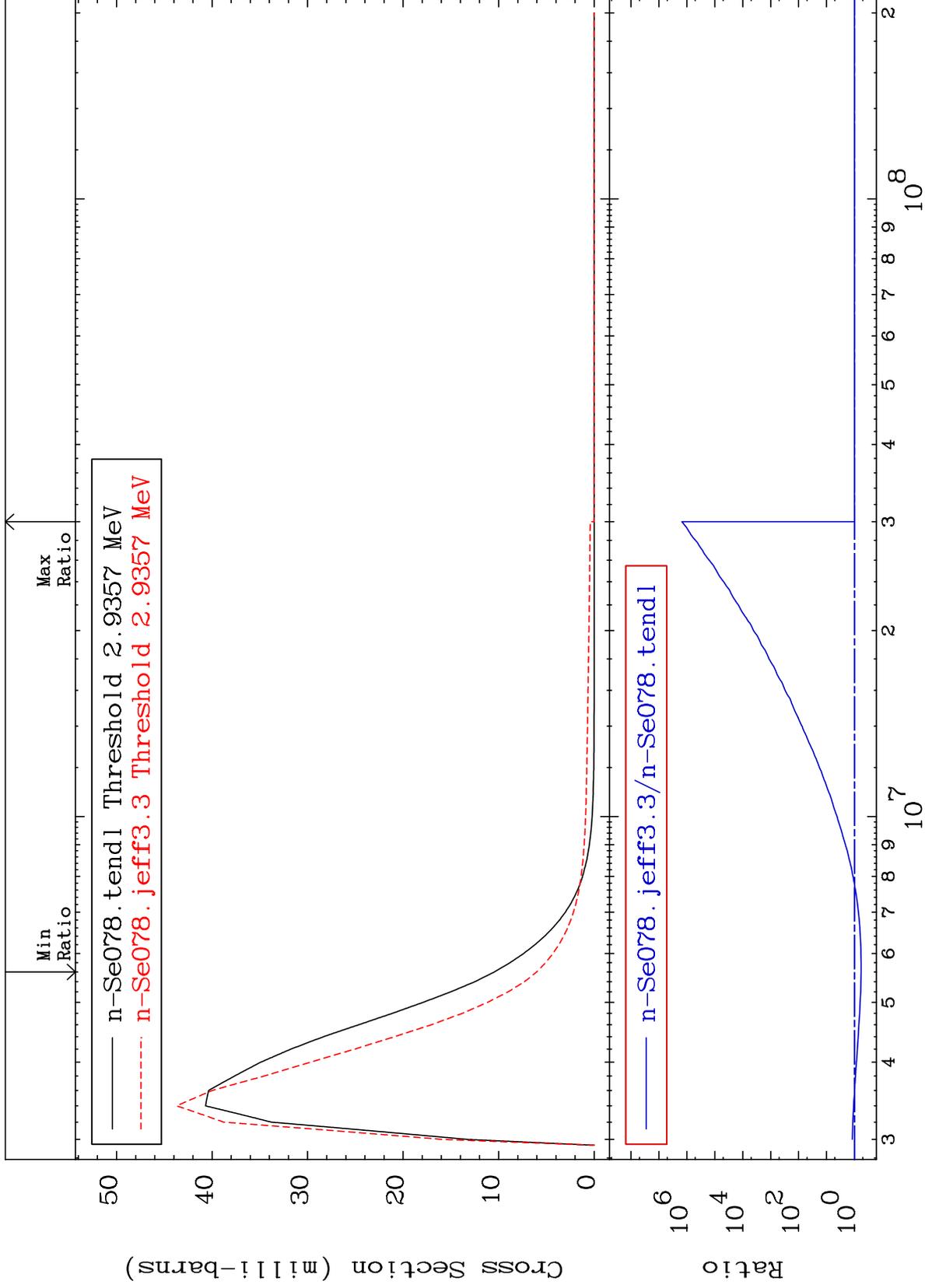
Incident Energy (eV)

34-Se-78

MAT 3437

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

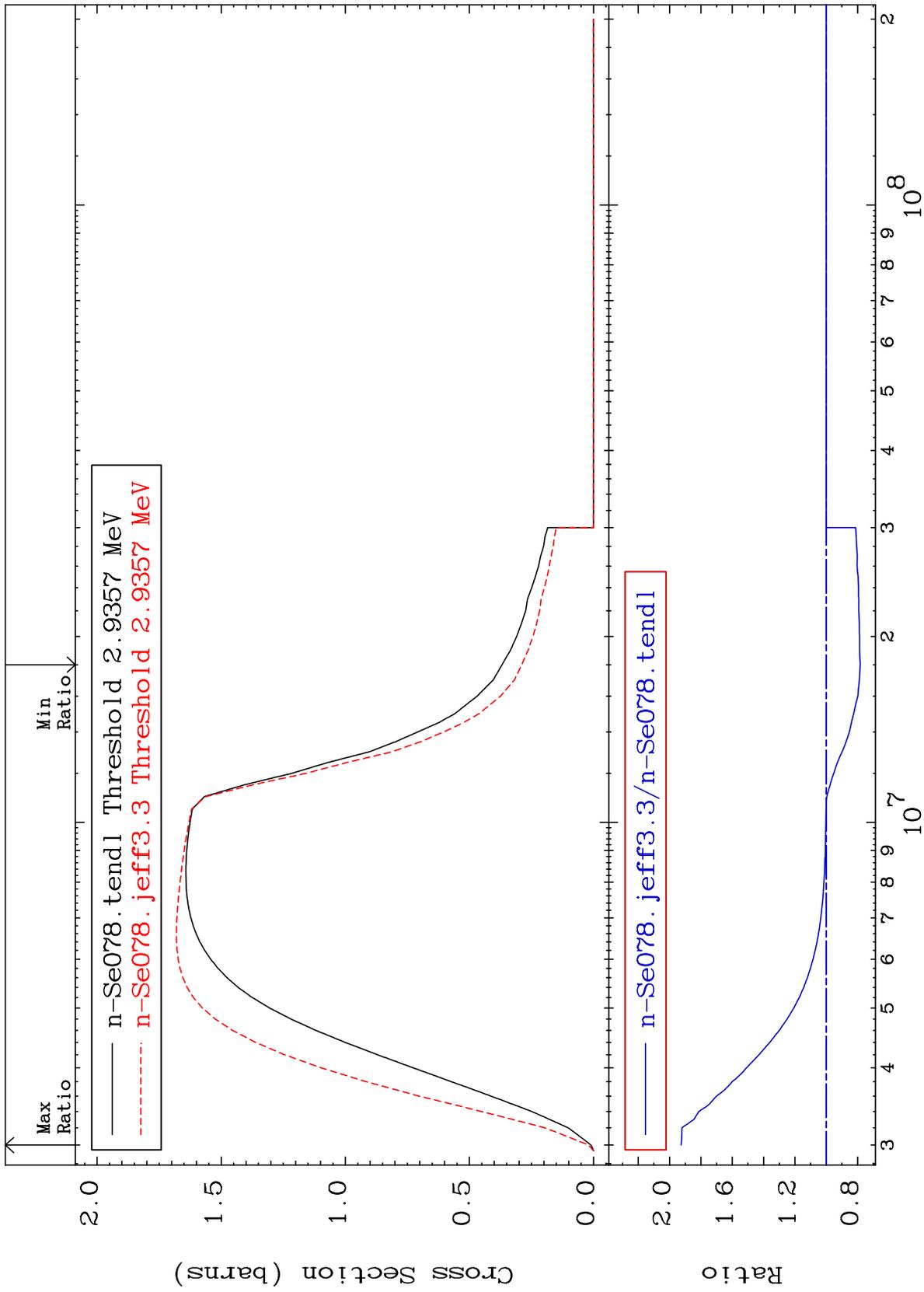
³⁴Se-78
-42.36 To 9999. %



MAT 3437

(n, n') Continuum
Cross Section

³⁴Se-78
-21.65 To 92.59 %



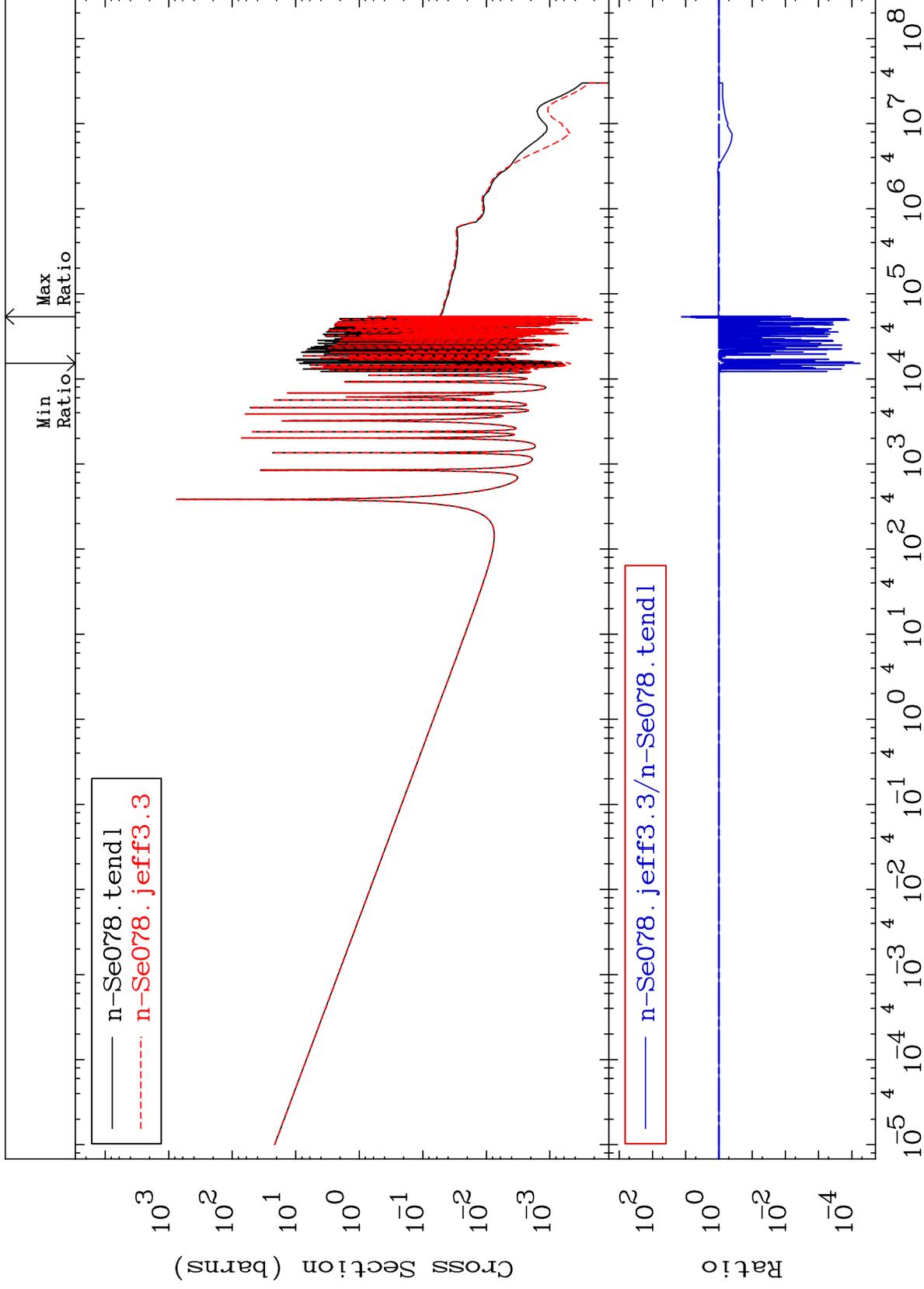
MAT 3437

(n, γ)

³⁴Se-78

Cross Section

-99.99 To 1269. %



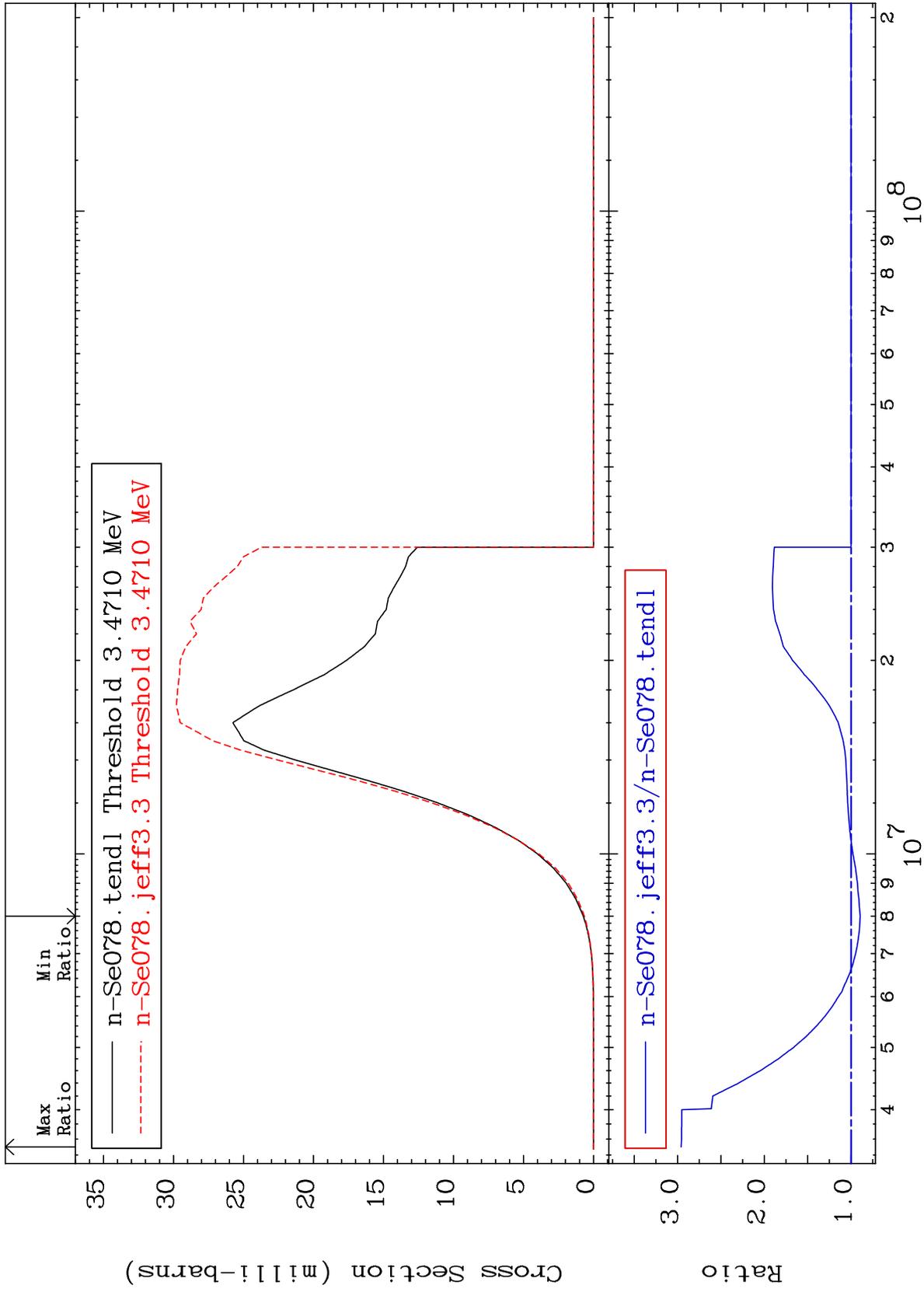
MAT 3437

(n,p)

³⁴Se-78

Cross Section

-10.67 To 195.8 %

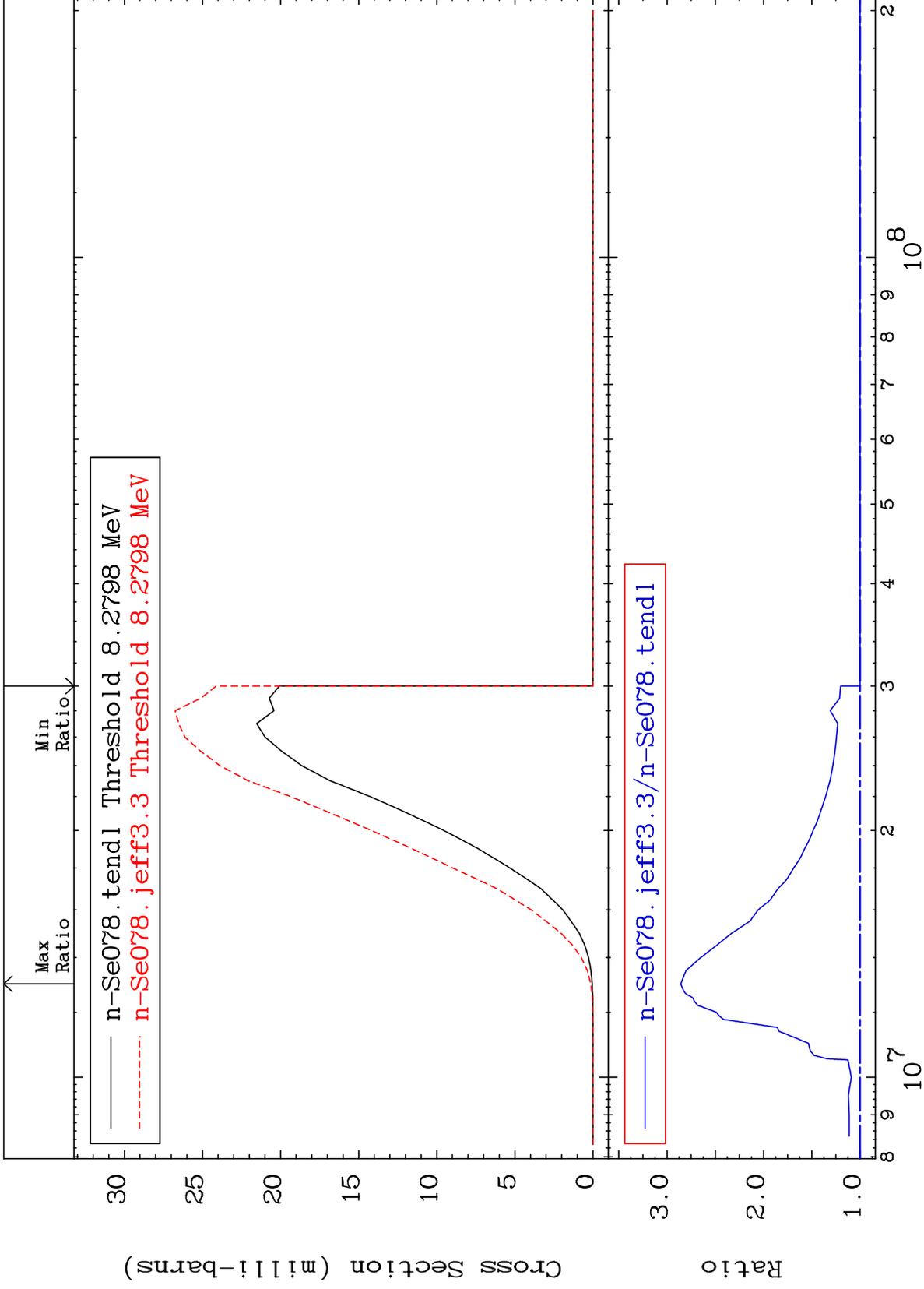


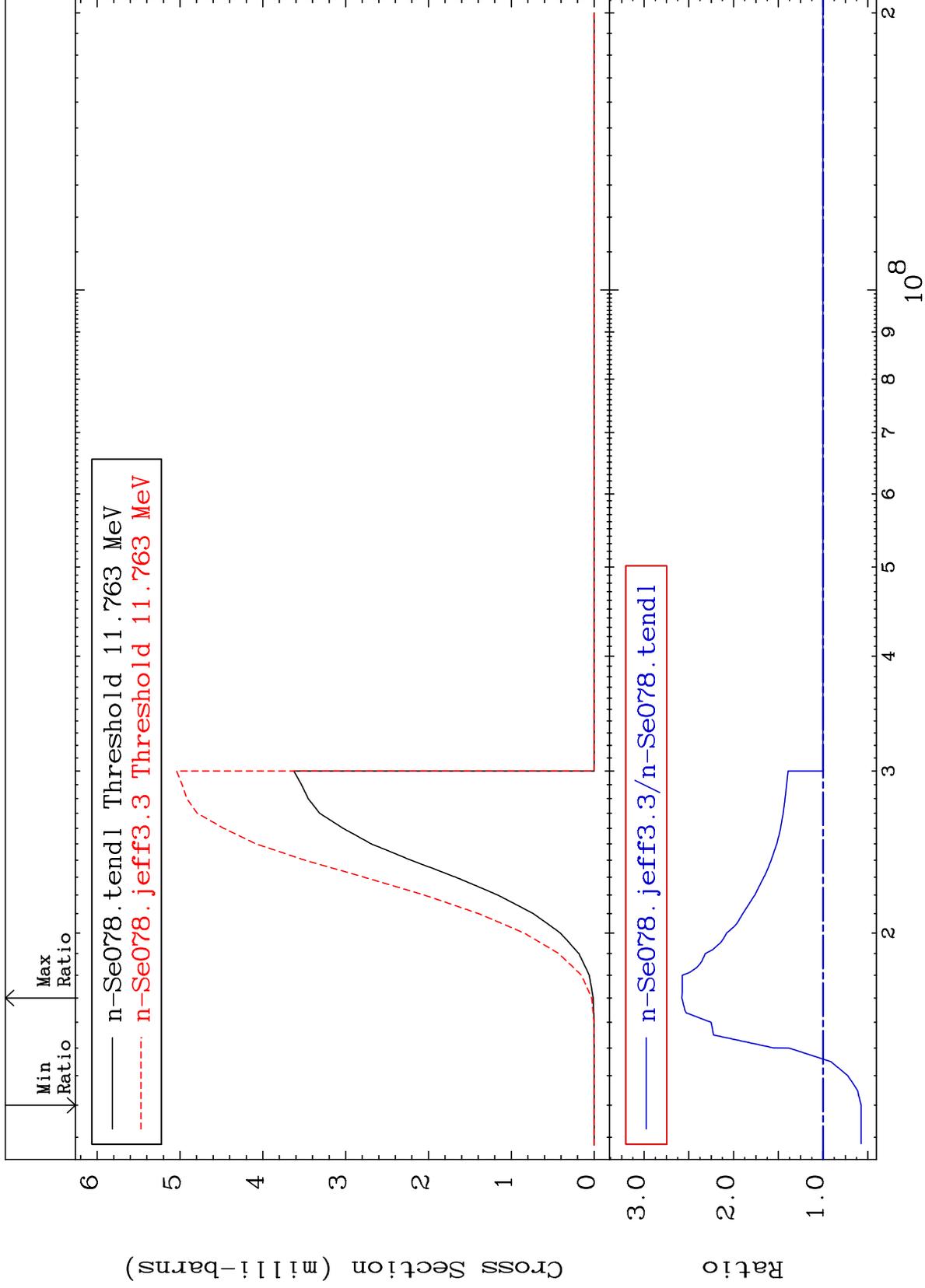
MAT 3437

(n, d)

34-Se-78
0.000 To 185.8 %

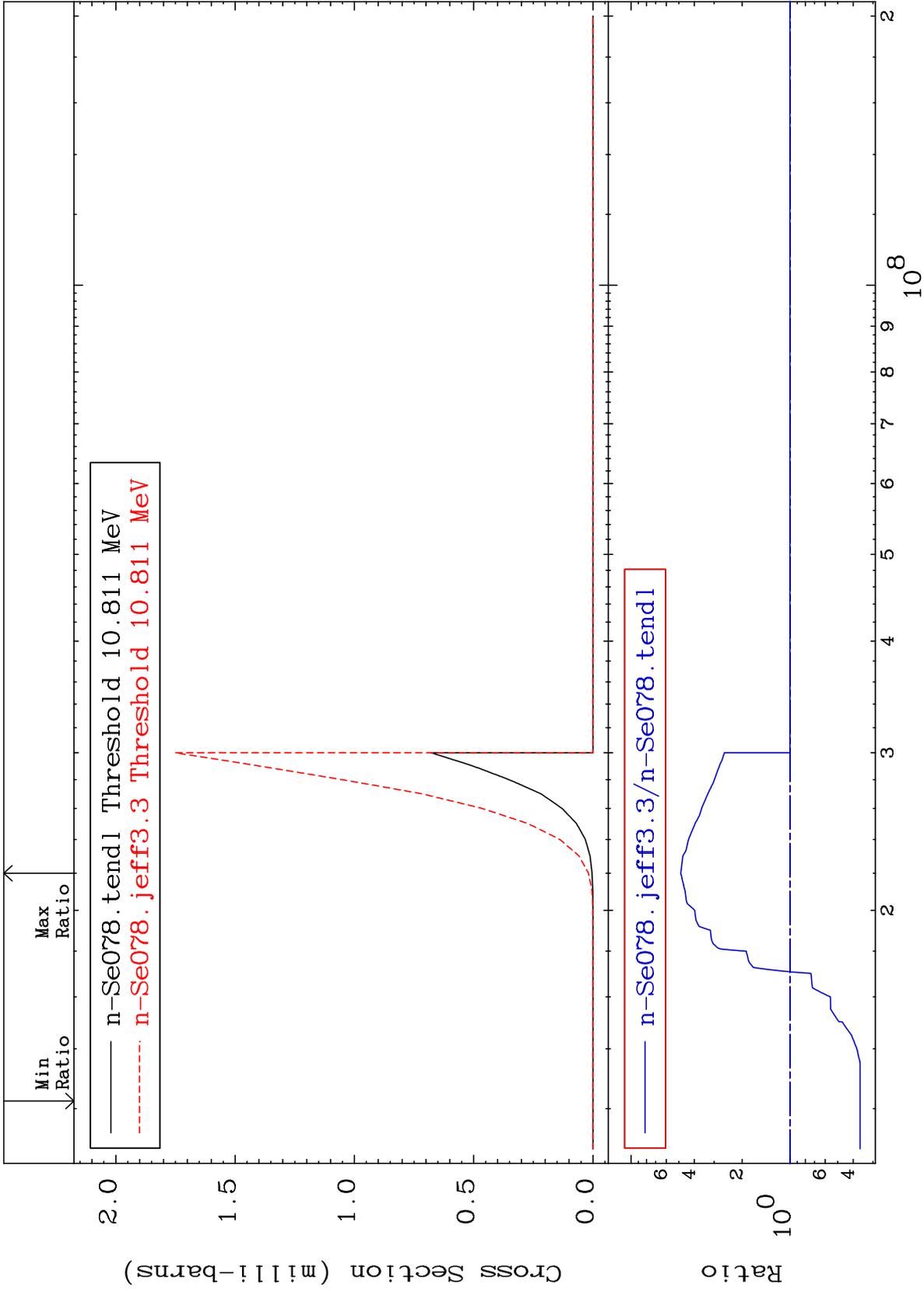
Cross Section

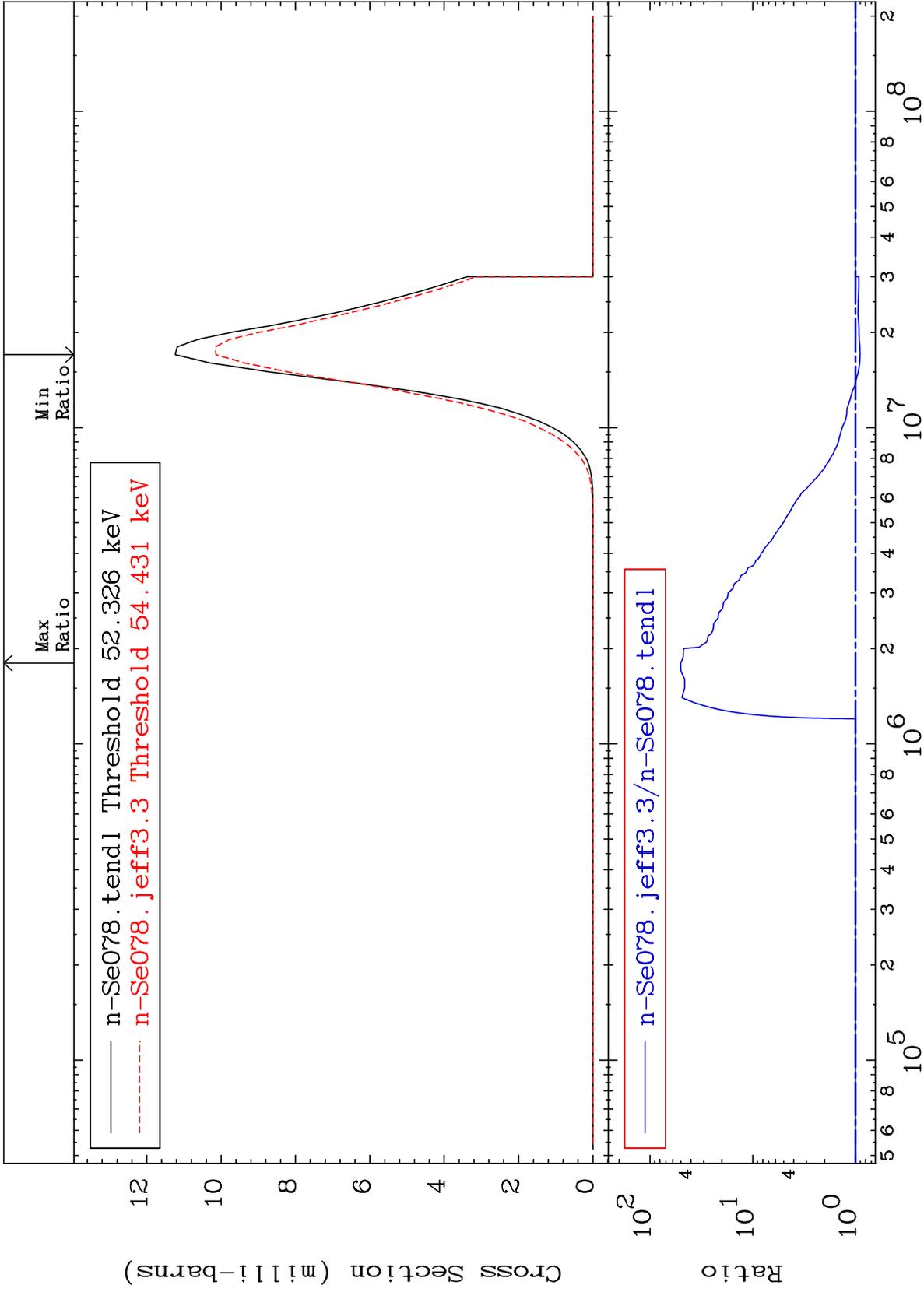




Cross Section

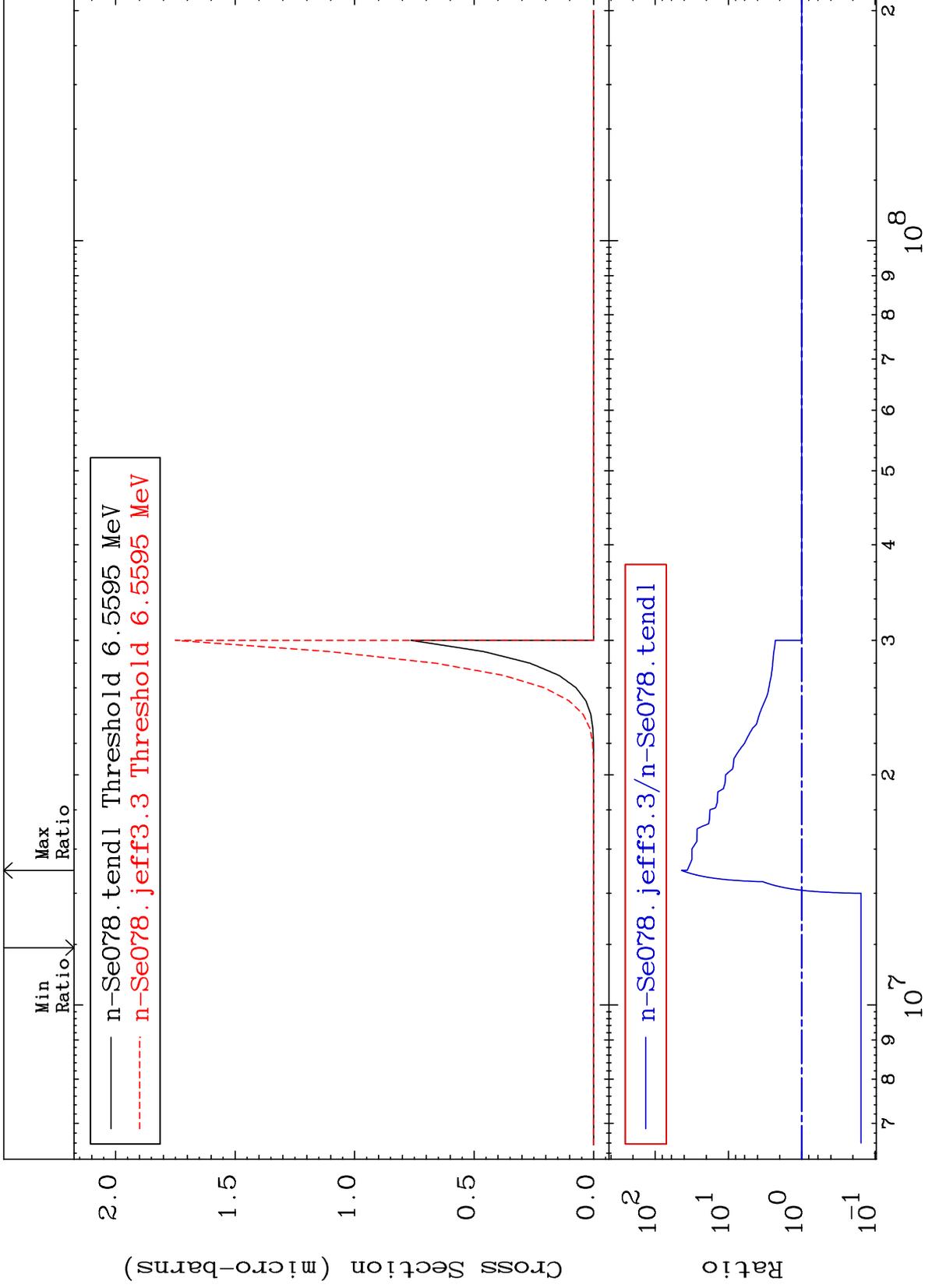
-63.85 To 386.6 %





Cross Section

-84.48 To 4263. %



MAT 3437

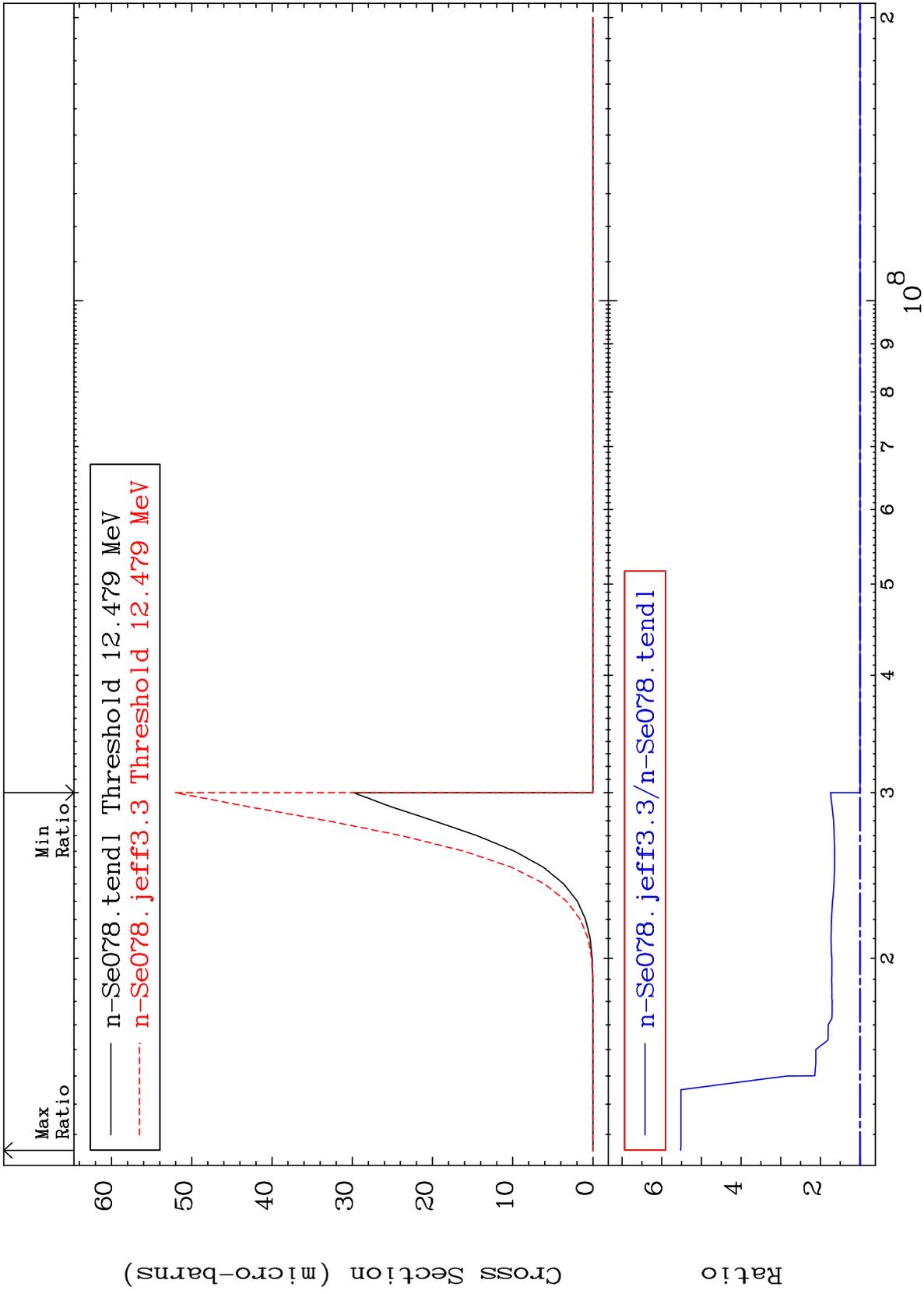
(n,2p)

³⁴Se-78

Cross Section

0.000

To 451.9 %



MAT 3437

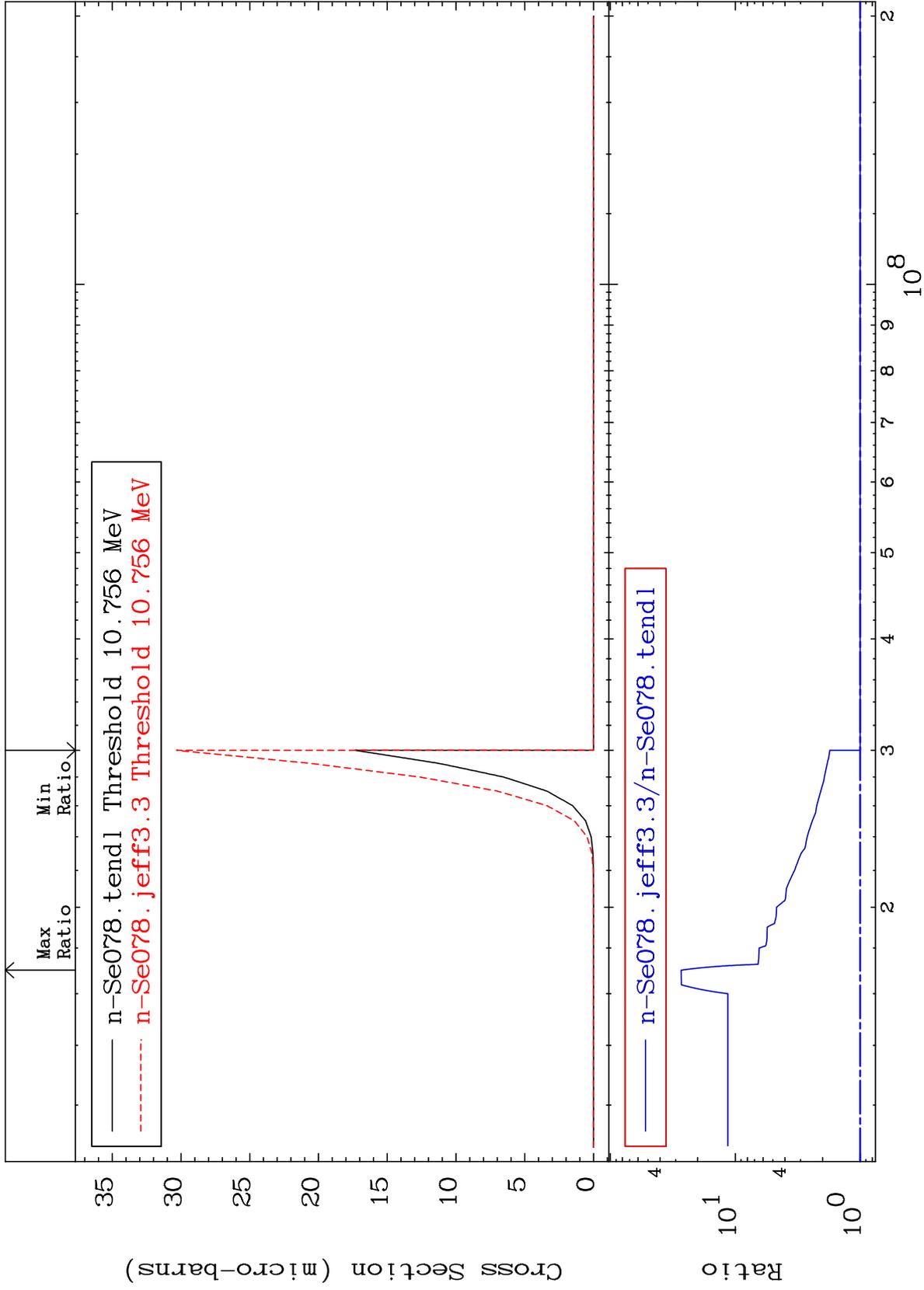
(n,p) α

³⁴Se-78

Cross Section

0.000

To 2609. %



MAT 3437

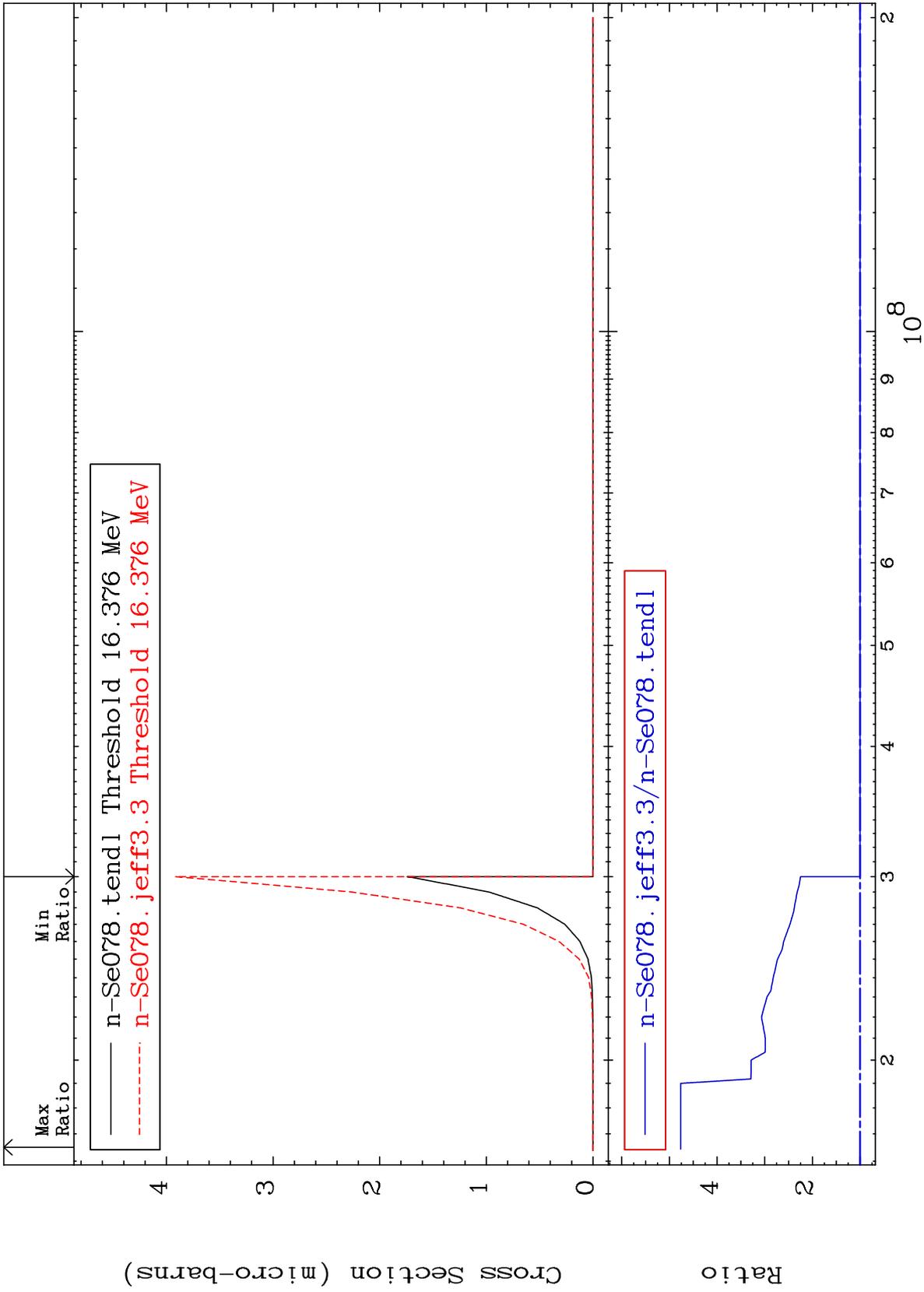
(n,p) d

³⁴Se-78

Cross Section

0.000

To 376.1 %



60

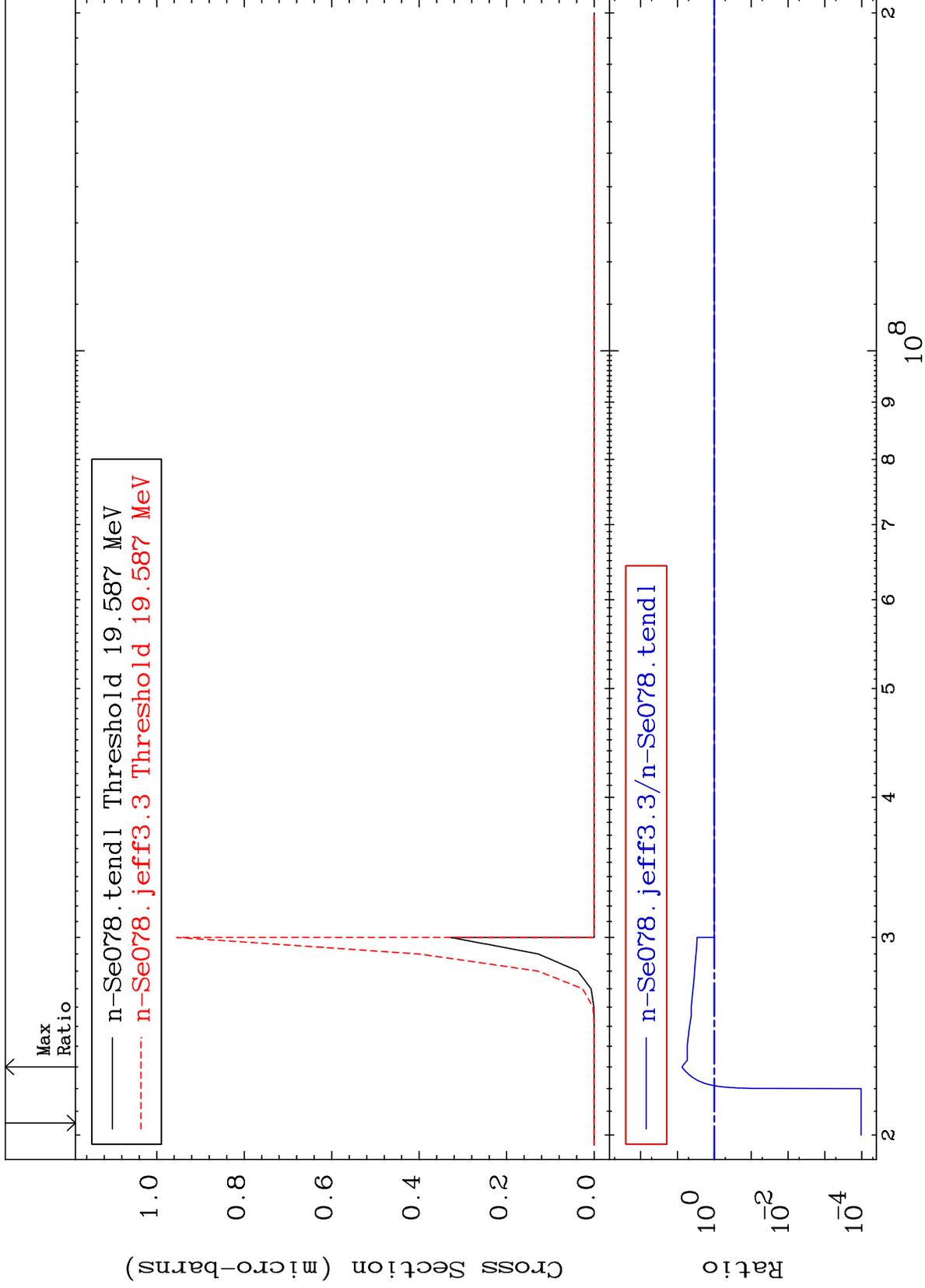
Incident Energy (eV)

³⁴Se-78

MAT 3437

(n,p) t
Cross Section

³⁴Se-78
-99.99 To 654.3 %



MAT 3437

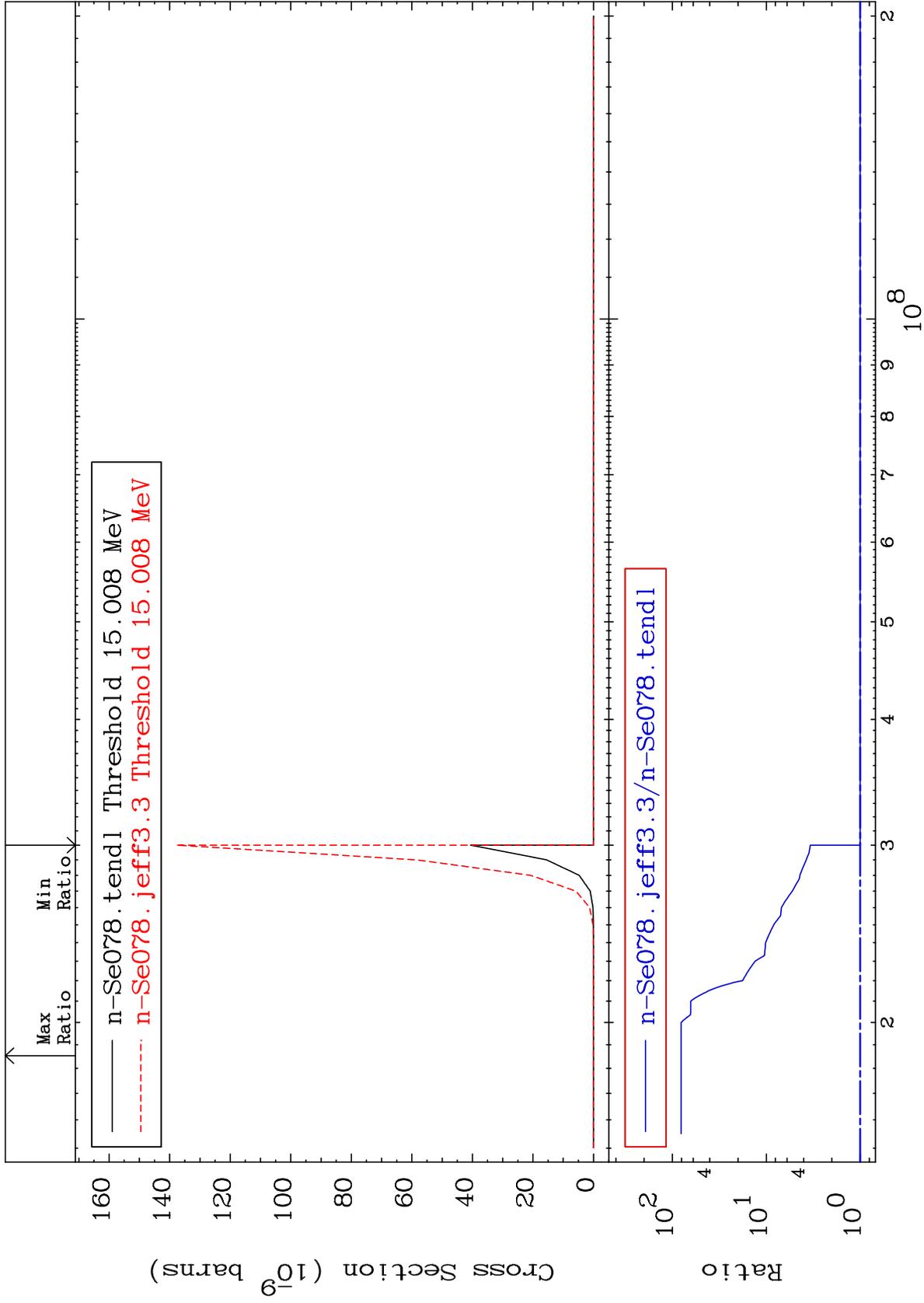
(n,d) α

³⁴Se-78

Cross Section

0.000

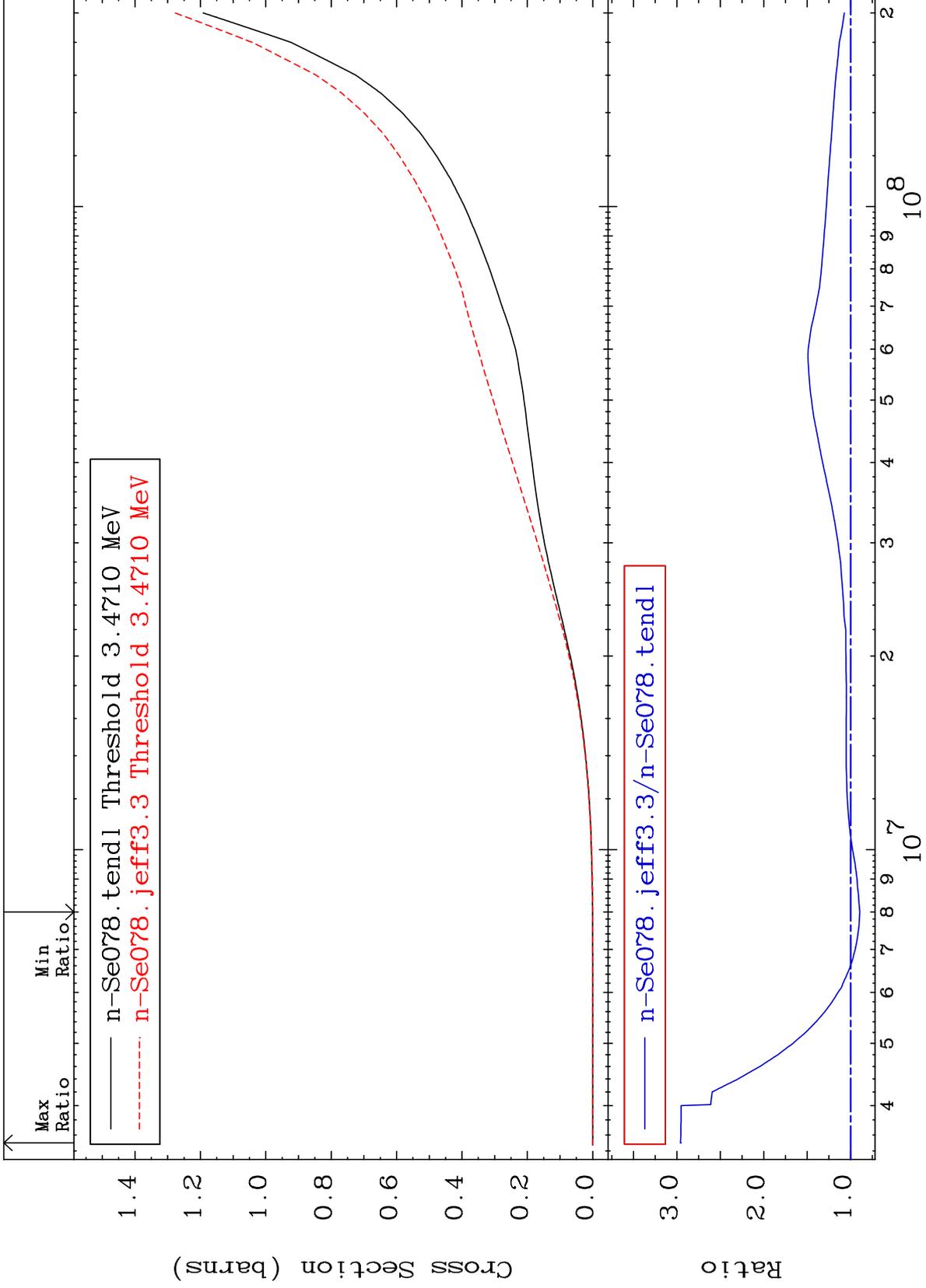
To 7963. %



MAT 3437

Hydrogen Production
Cross Section

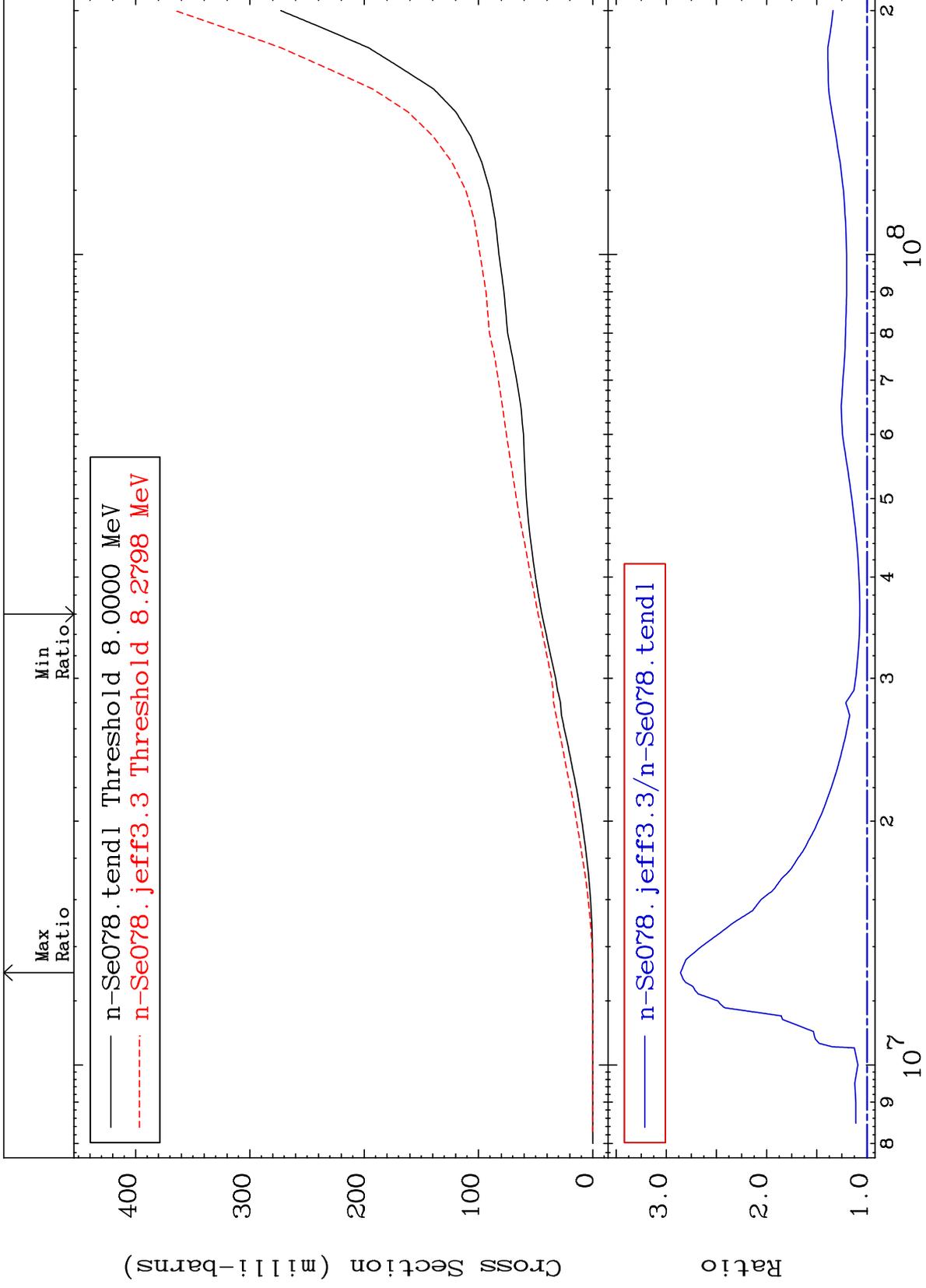
³⁴Se-78
-10.67 To 195.8 %



MAT 3437

Deuterium Production
Cross Section

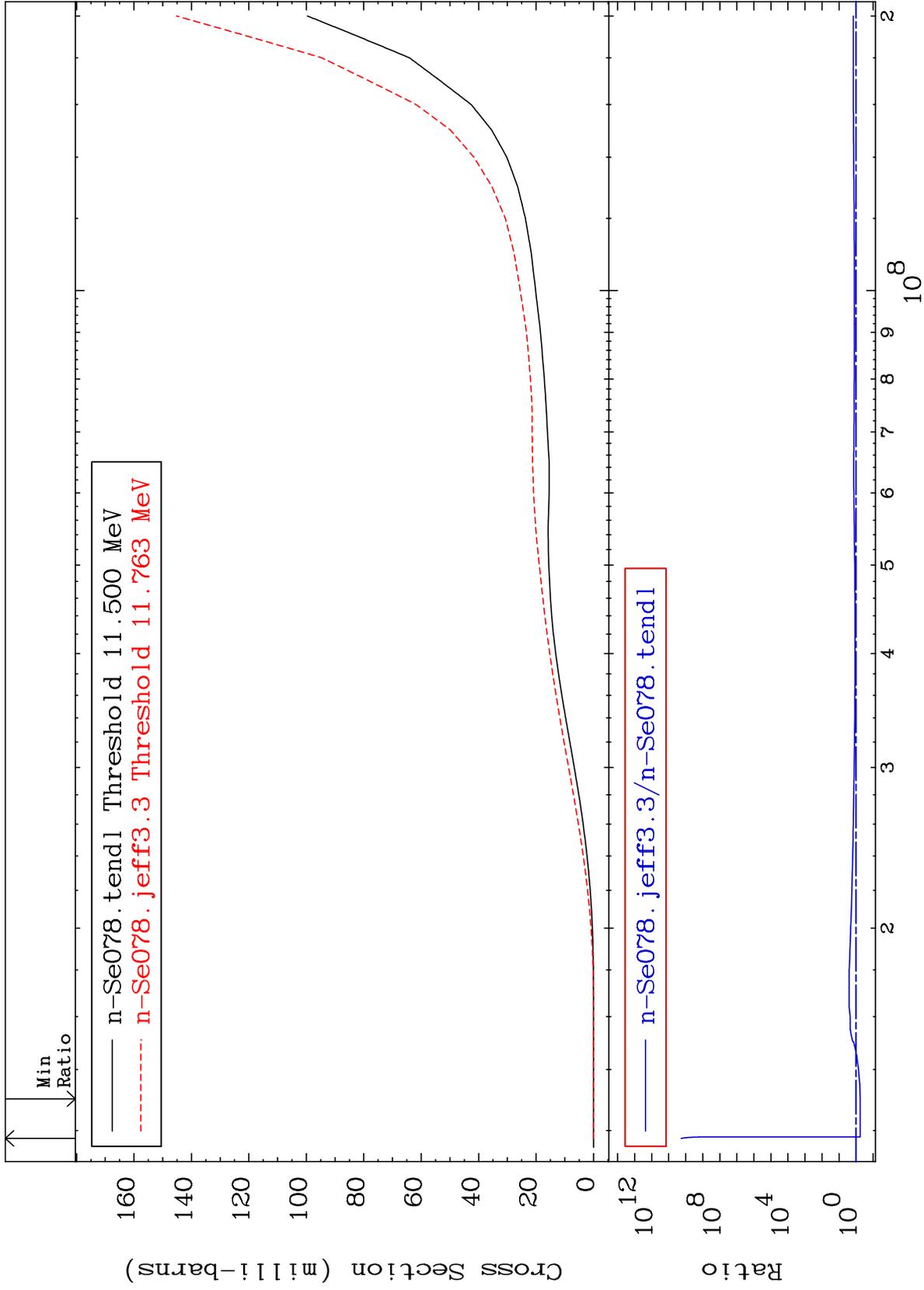
³⁴Se-78
7.176 To 185.8 %



64

Incident Energy (eV)

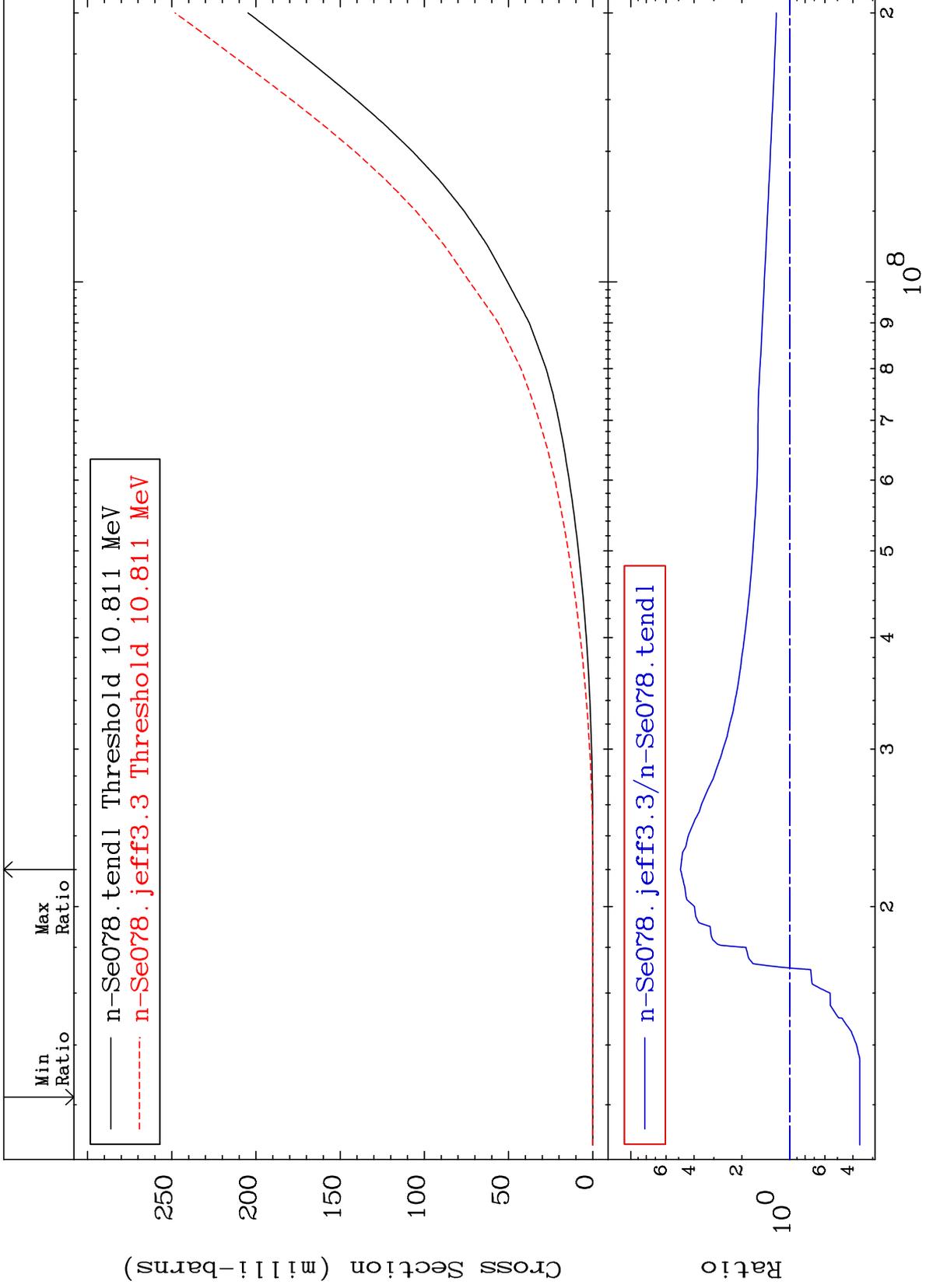
³⁴Se-78

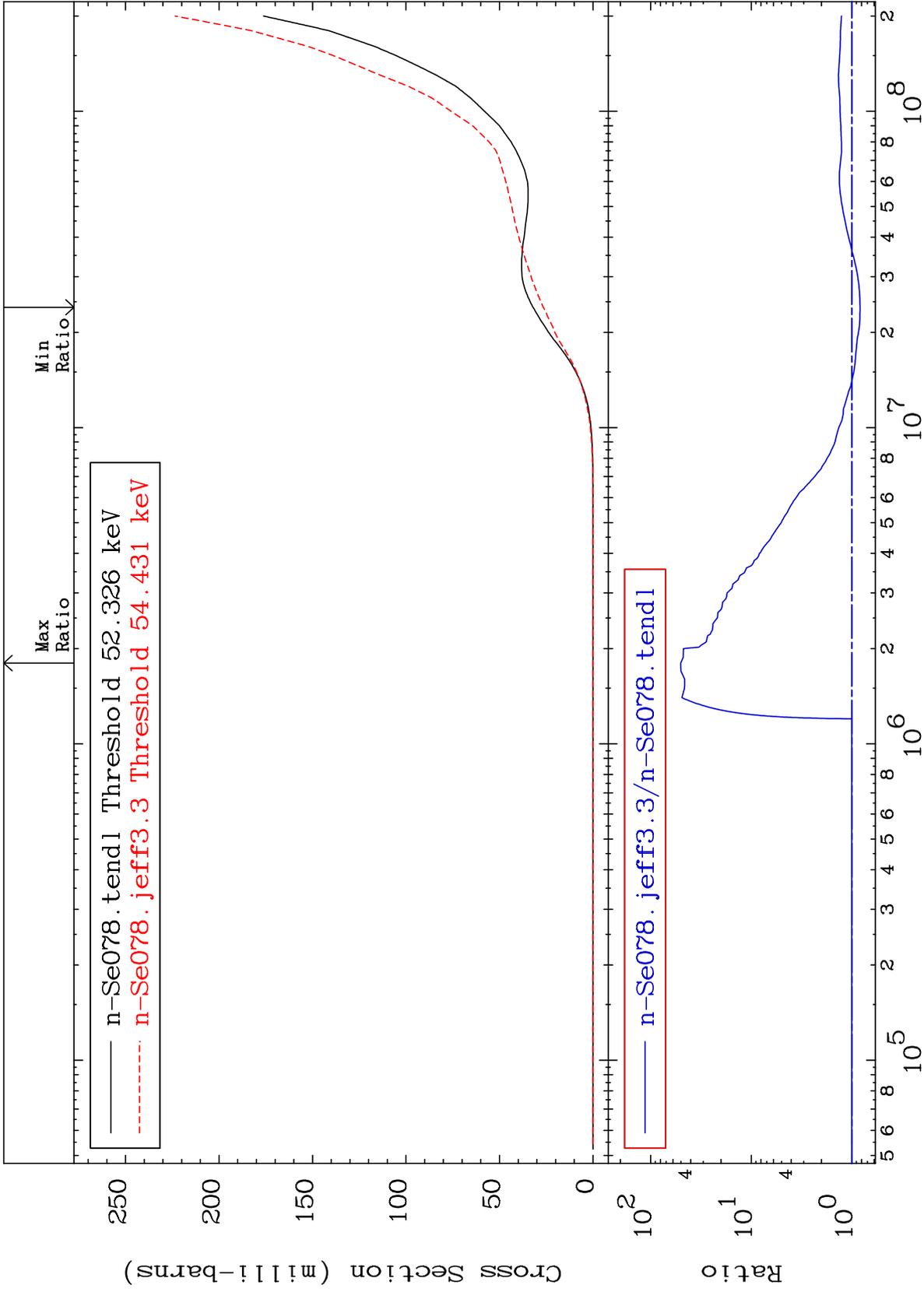


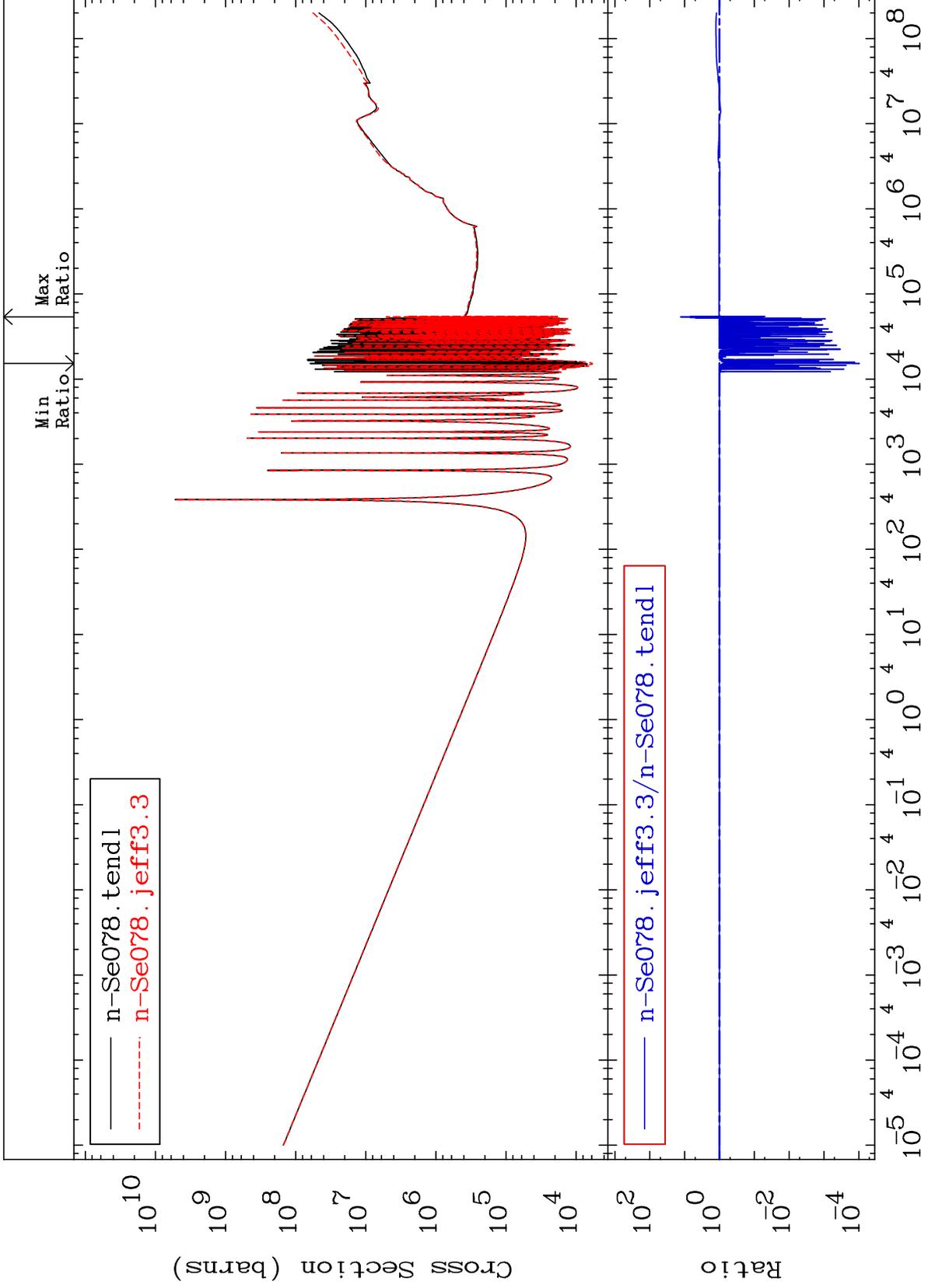
MAT 3437

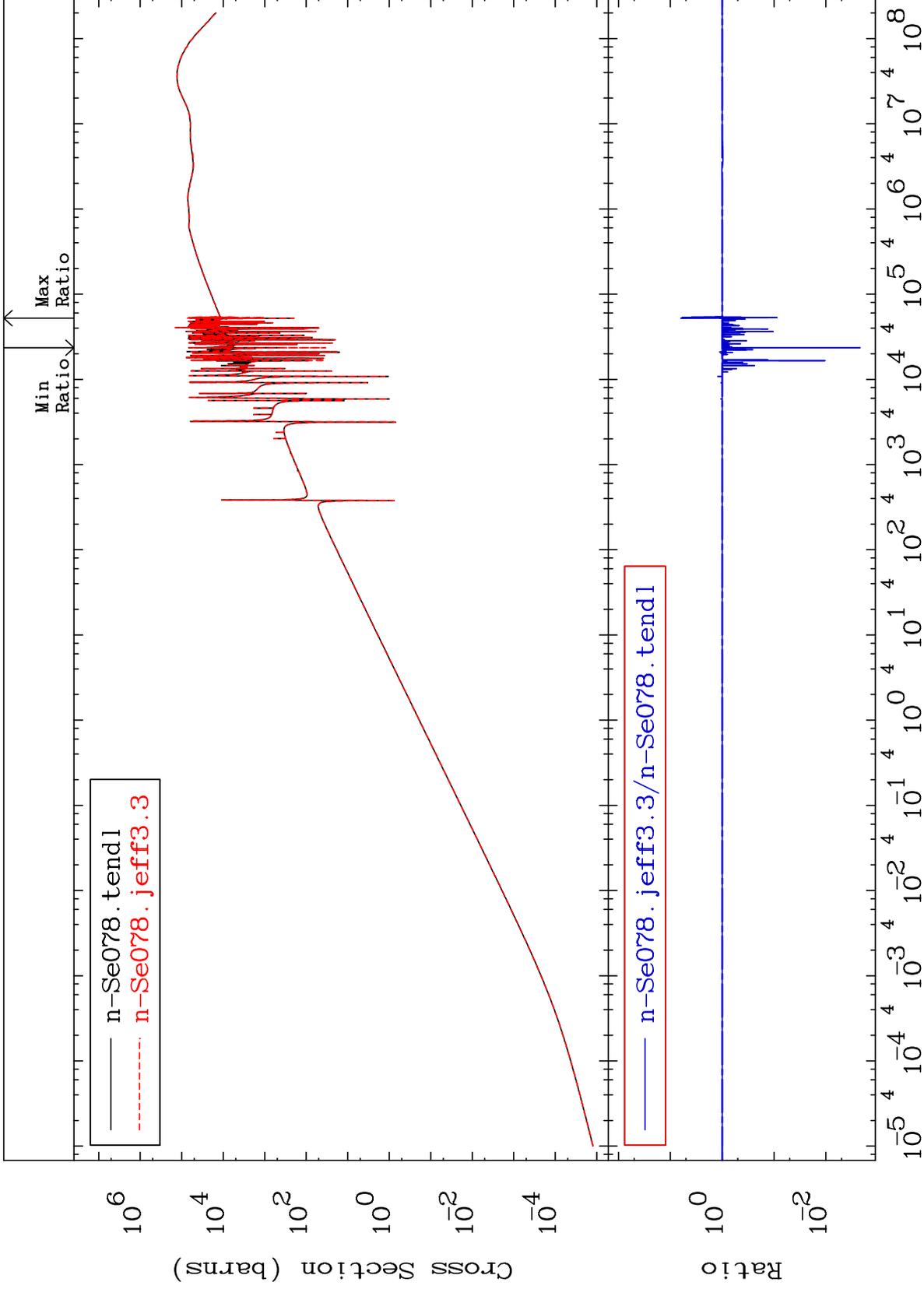
He-3 Production
Cross Section

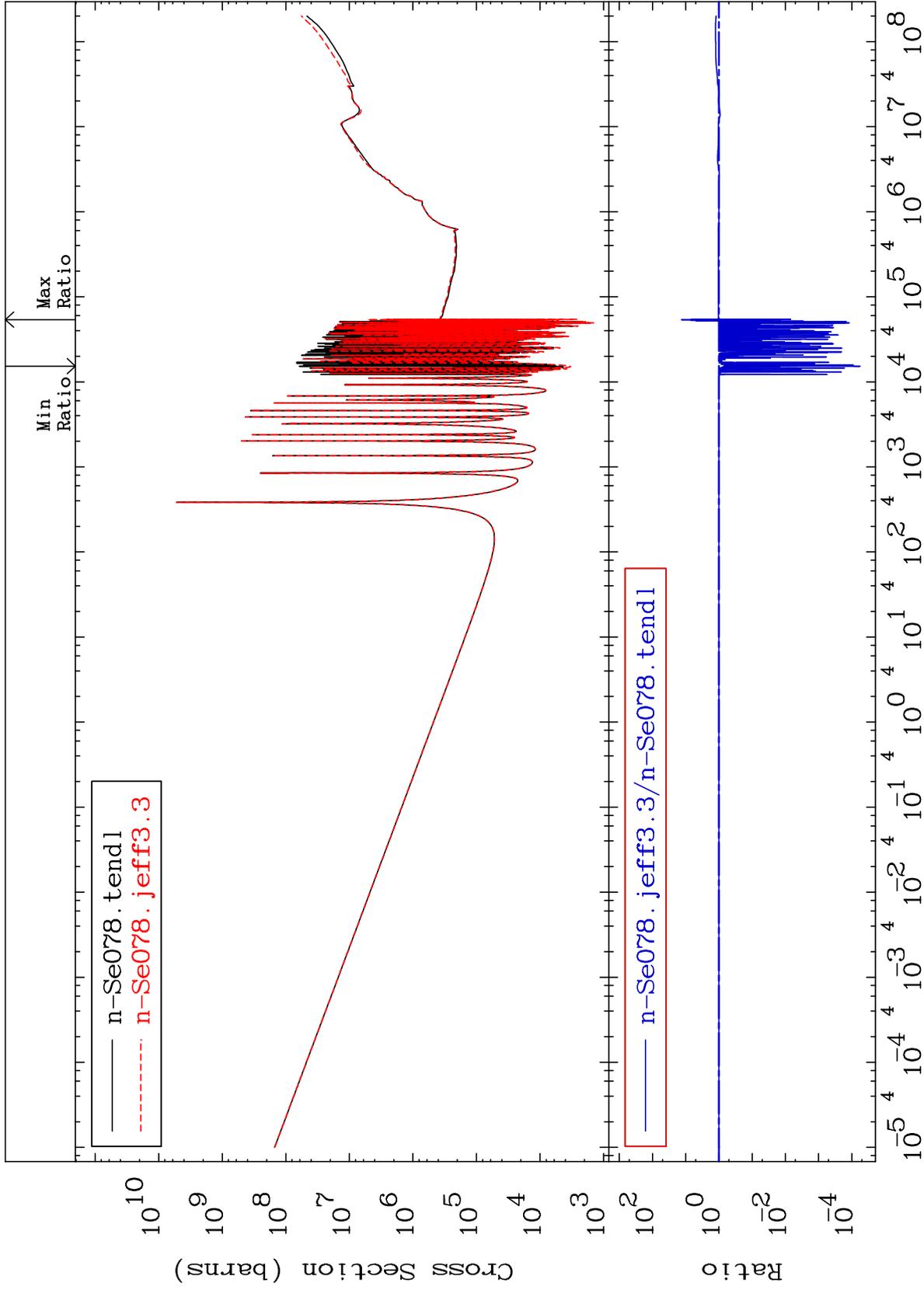
³⁴Se-78
-63.85 To 386.6 %

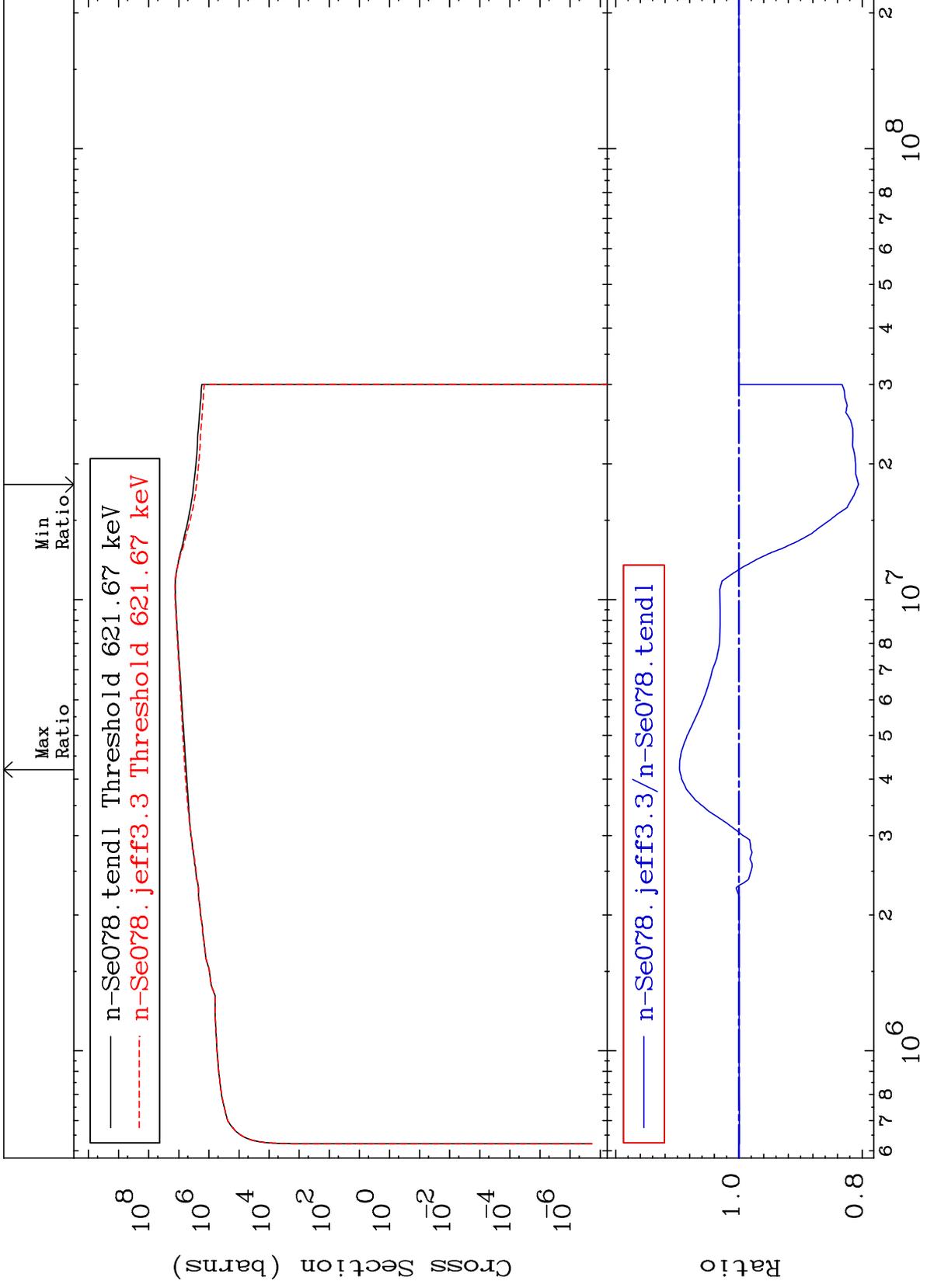


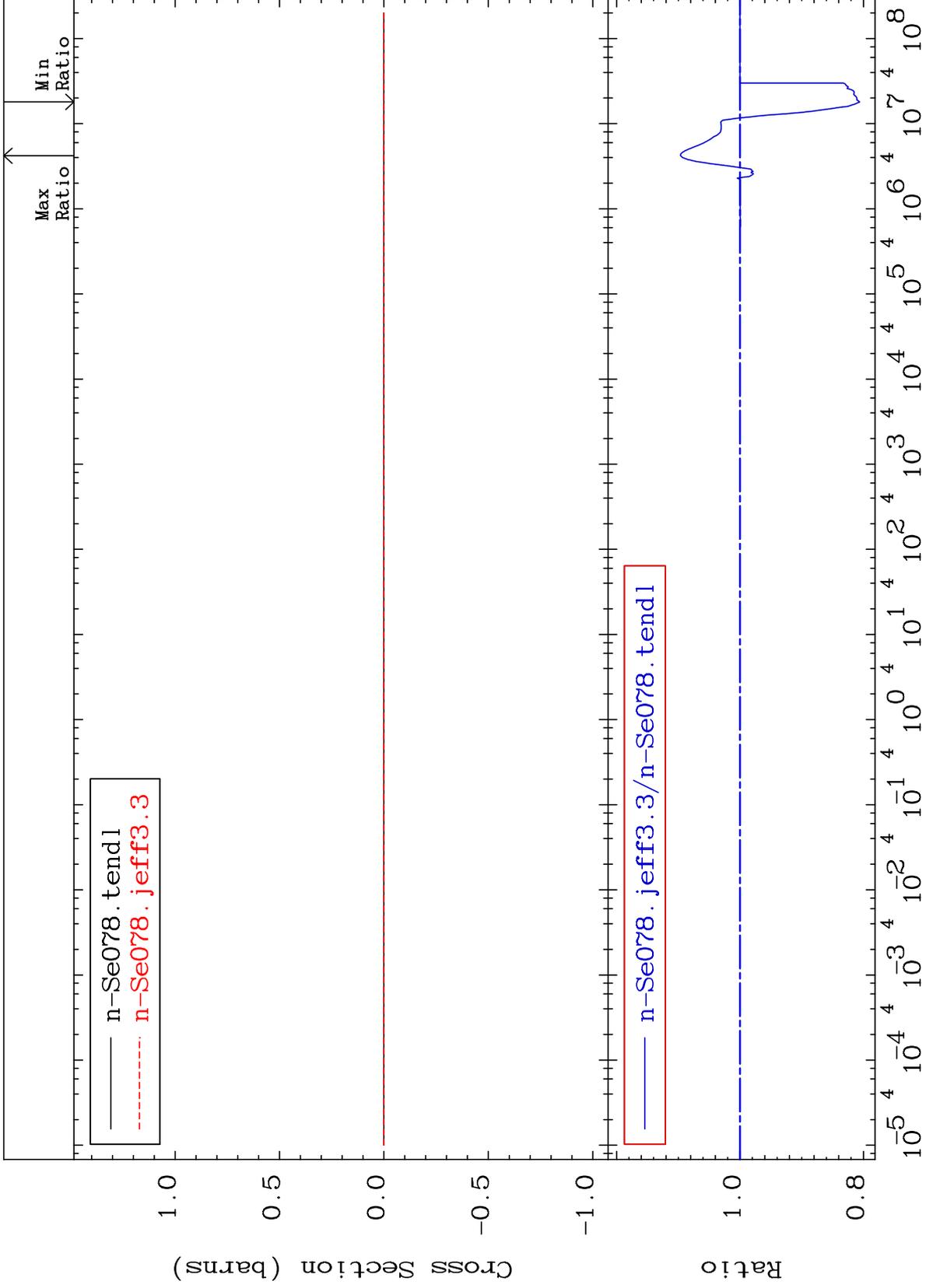








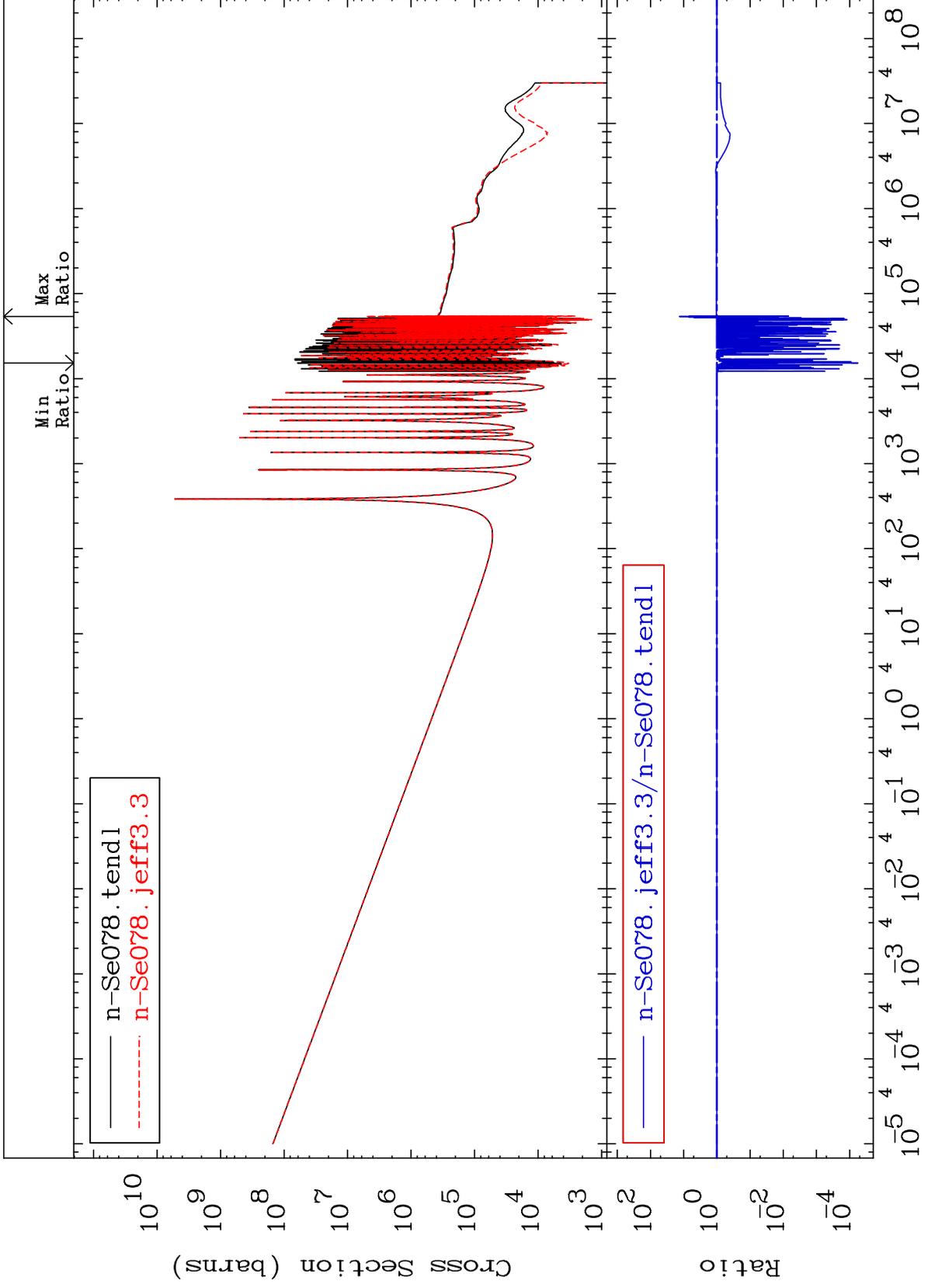




MAT 3437

Kerma capture (mt102)
Cross Section

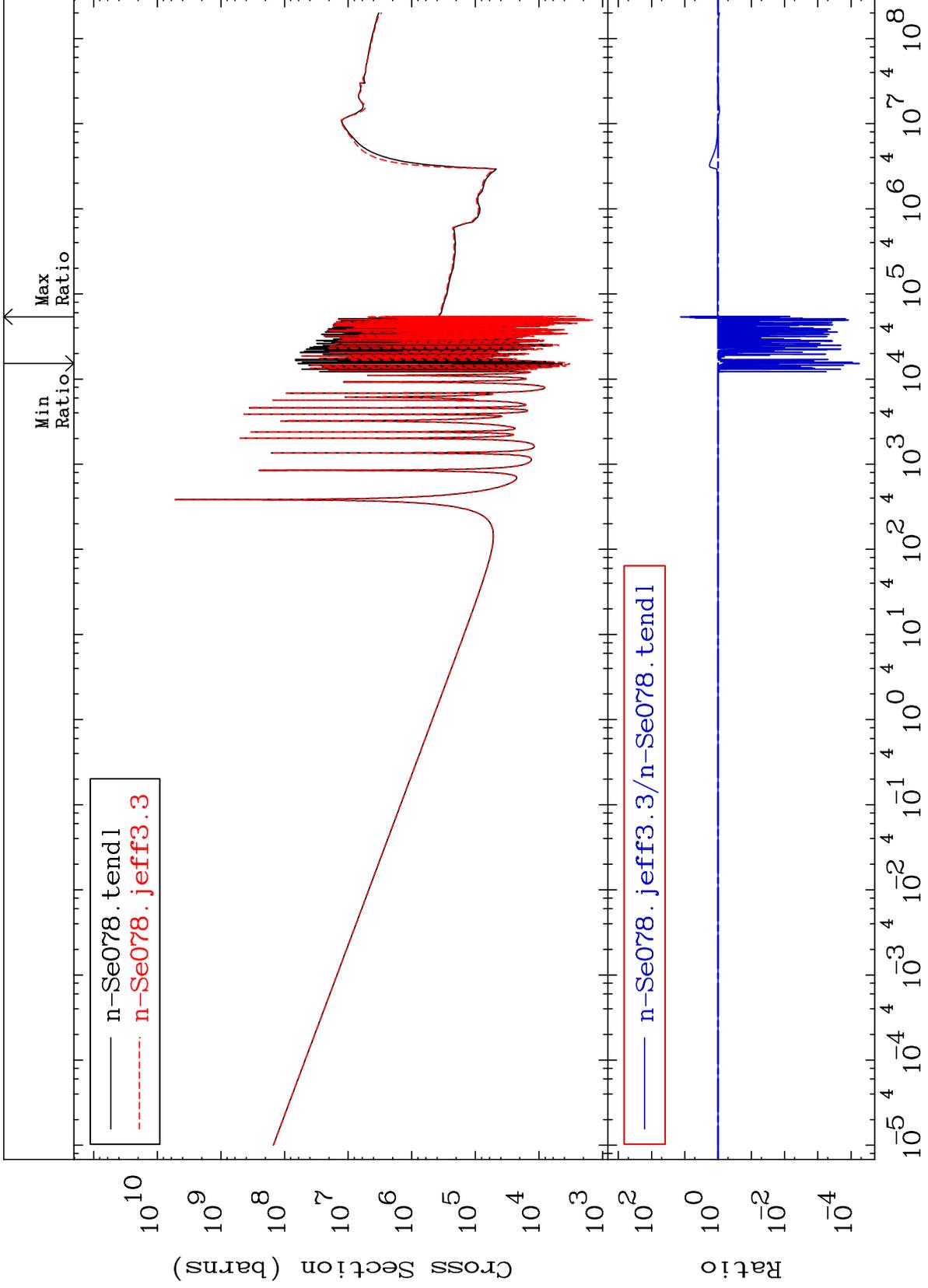
³⁴Se-78
-99.99 To 1269. %

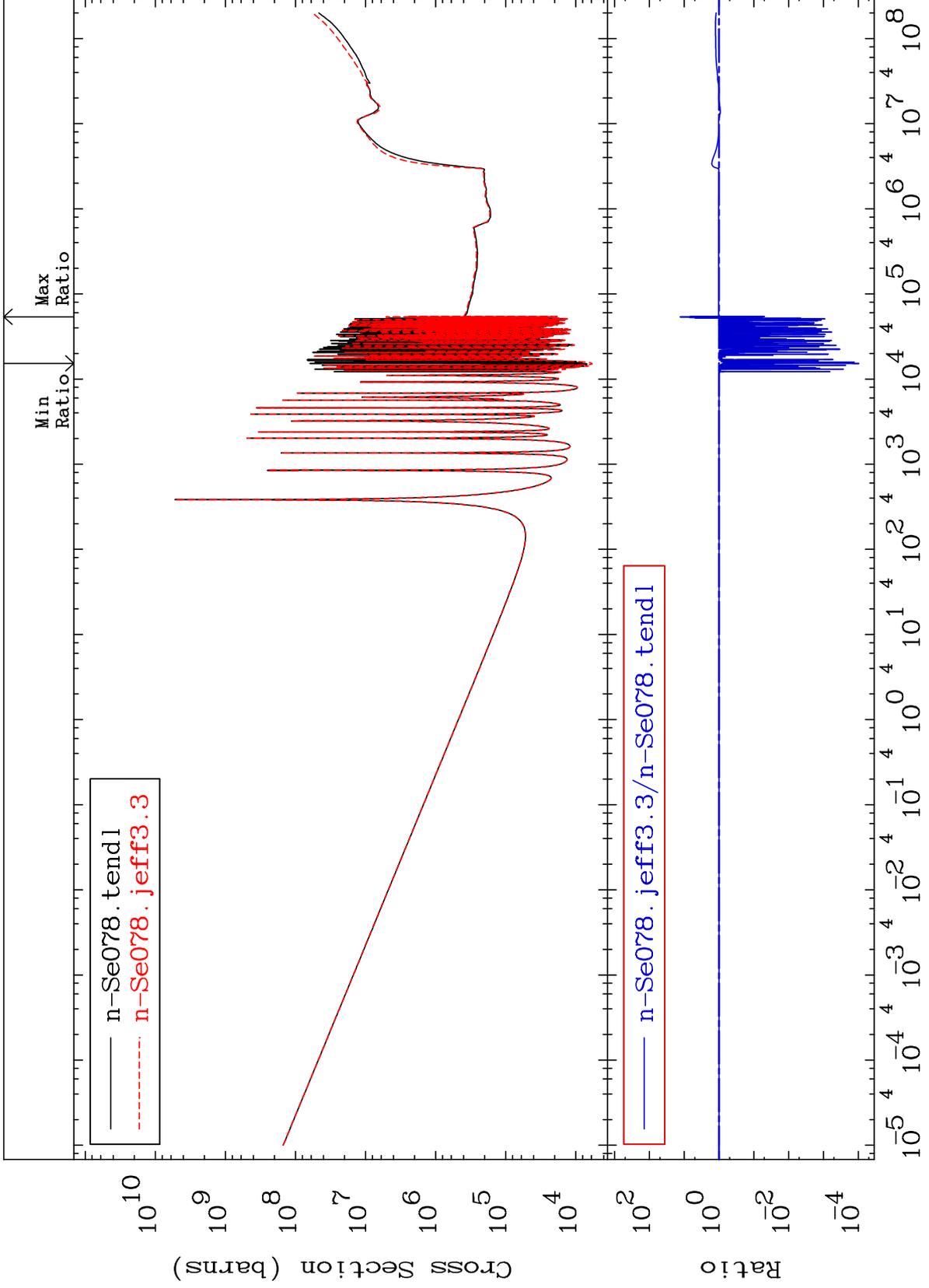


73

Incident Energy (eV)

³⁴Se-78

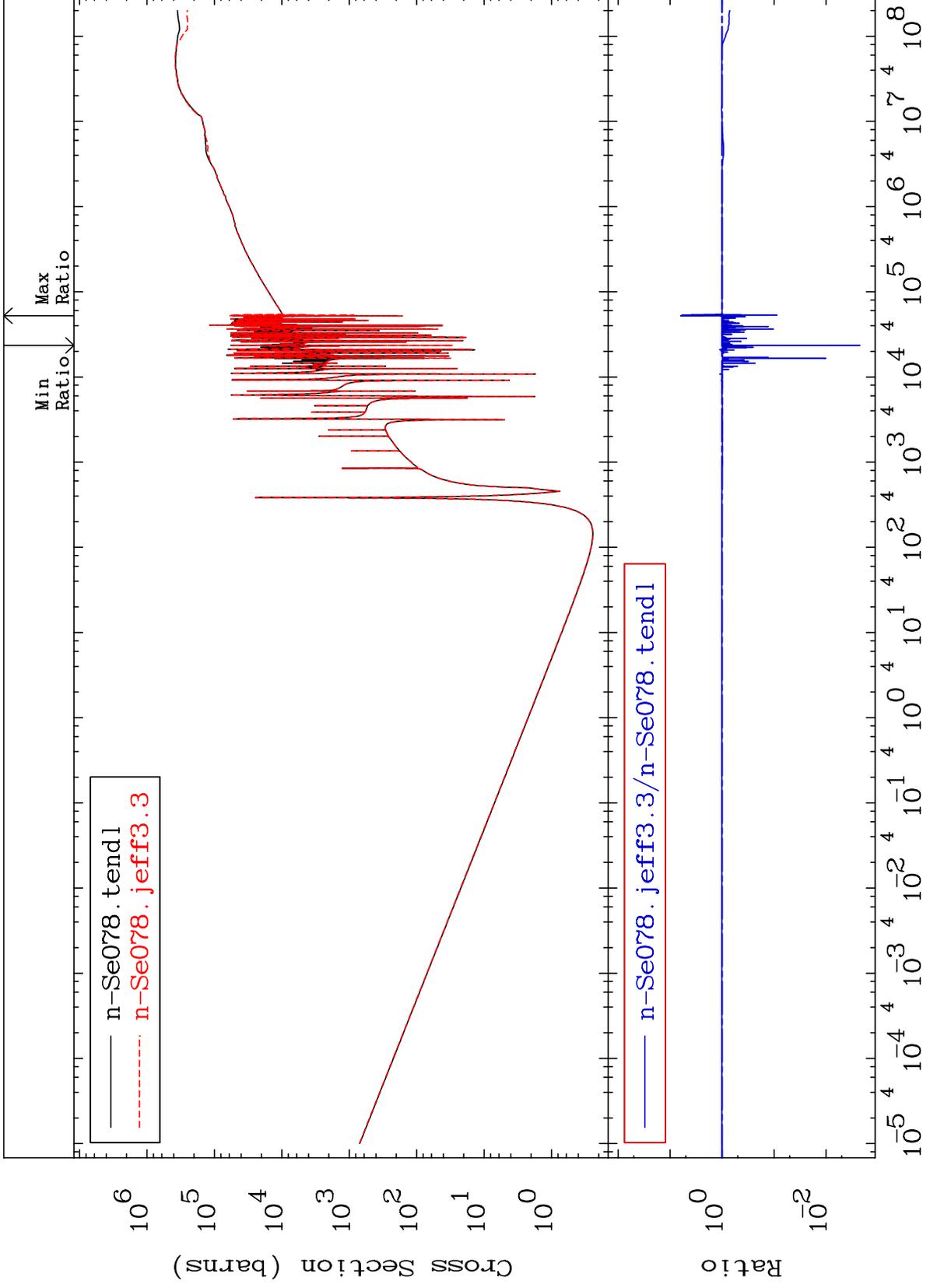




MAT 3437

Dpa total (eV-barns)
Cross Section

34-Se-78
-99.78 To 530.4 %



76

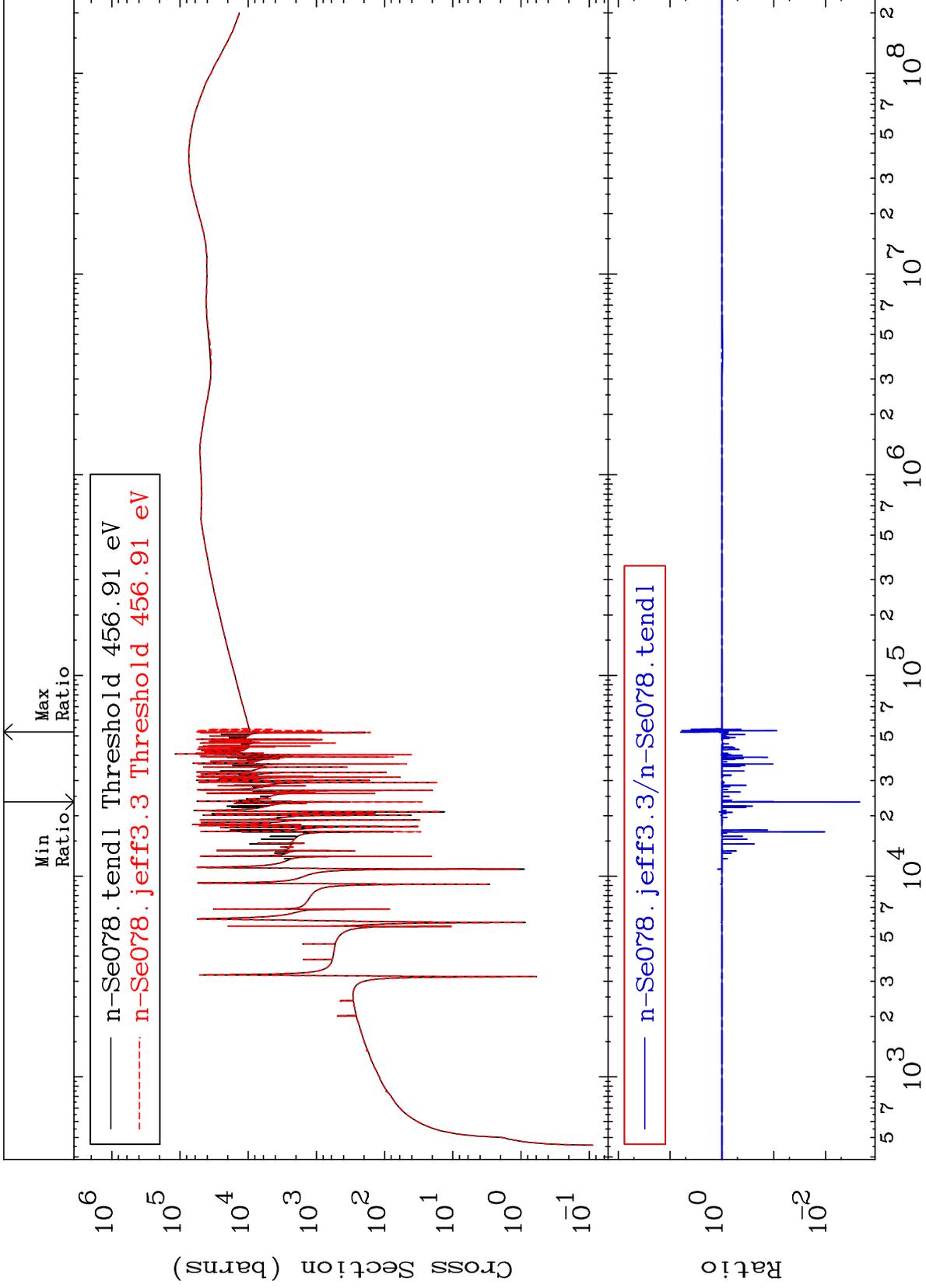
Incident Energy (eV)

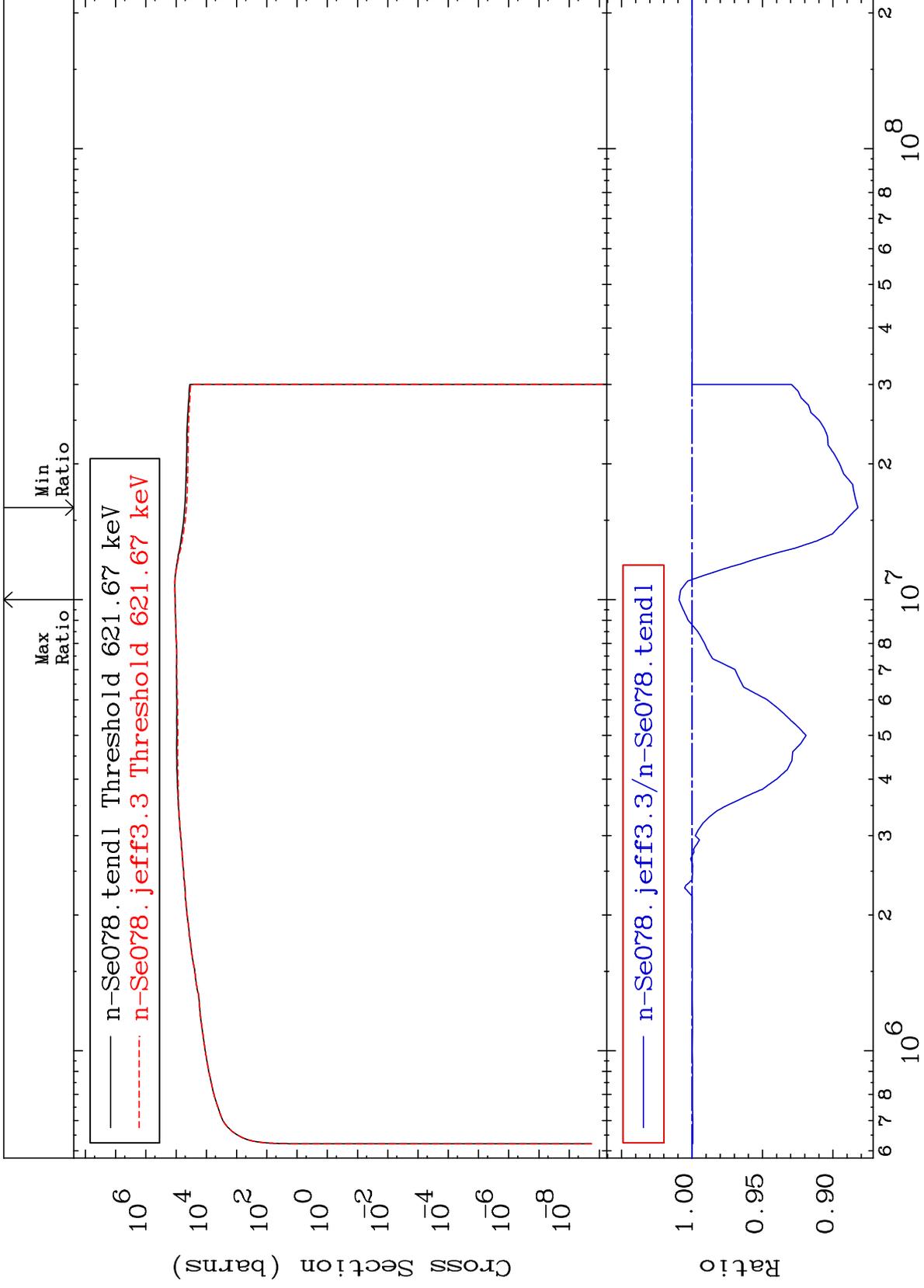
34-Se-78

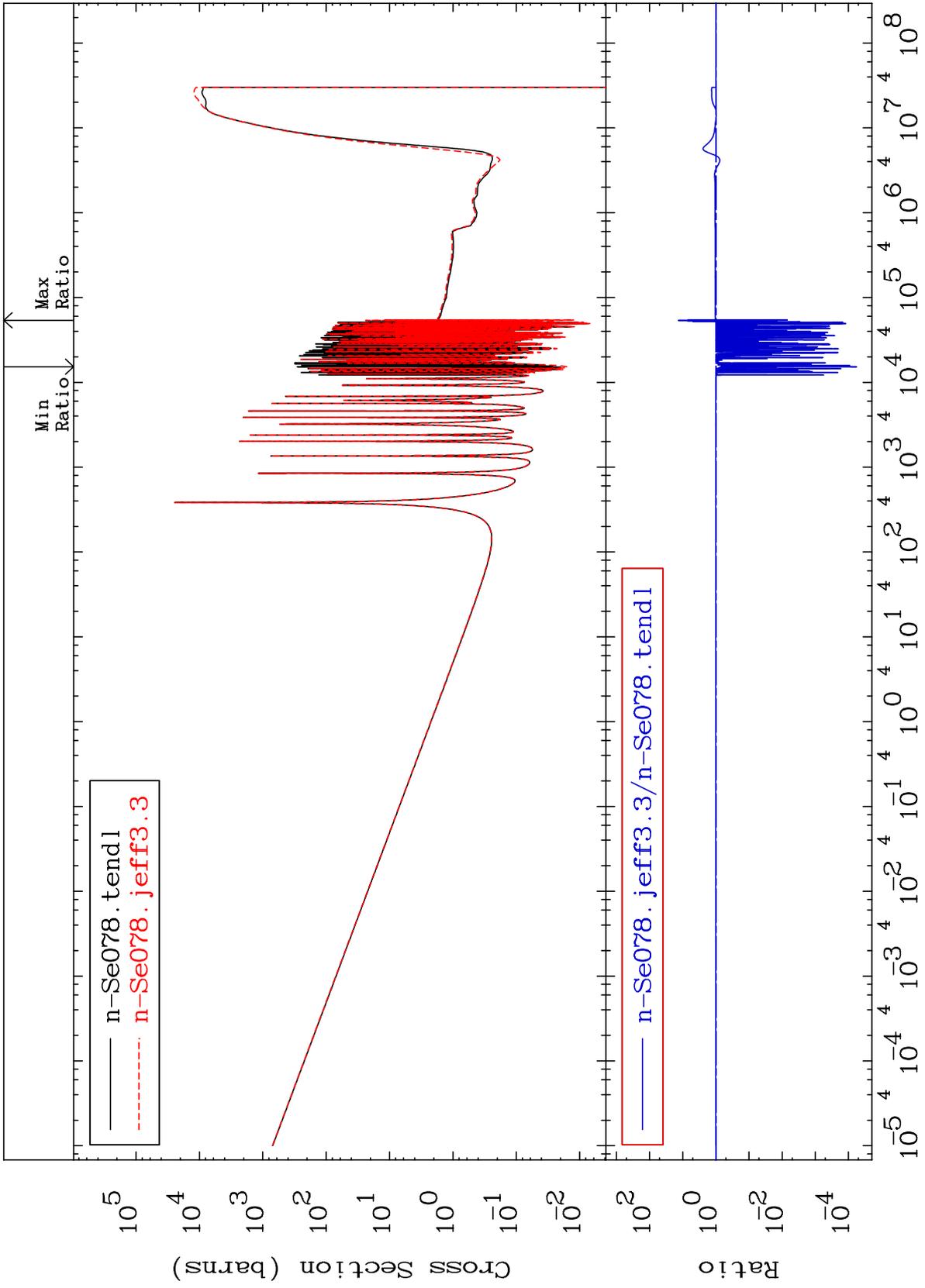
MAT 3437

Dpa elastic (mt2)
Cross Section

³⁴Se-78
-99.78 To 530.4 %





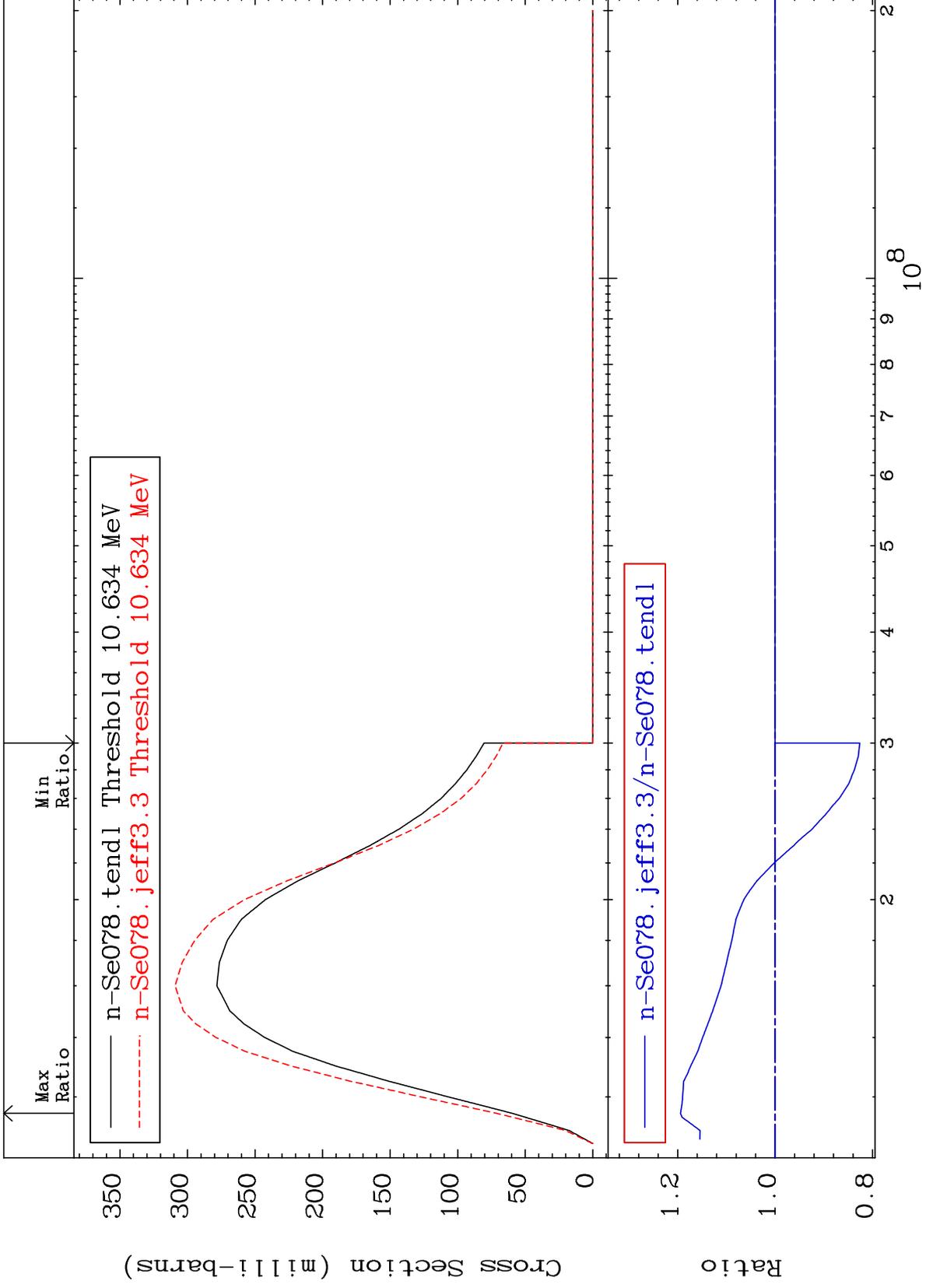


MAT 3437

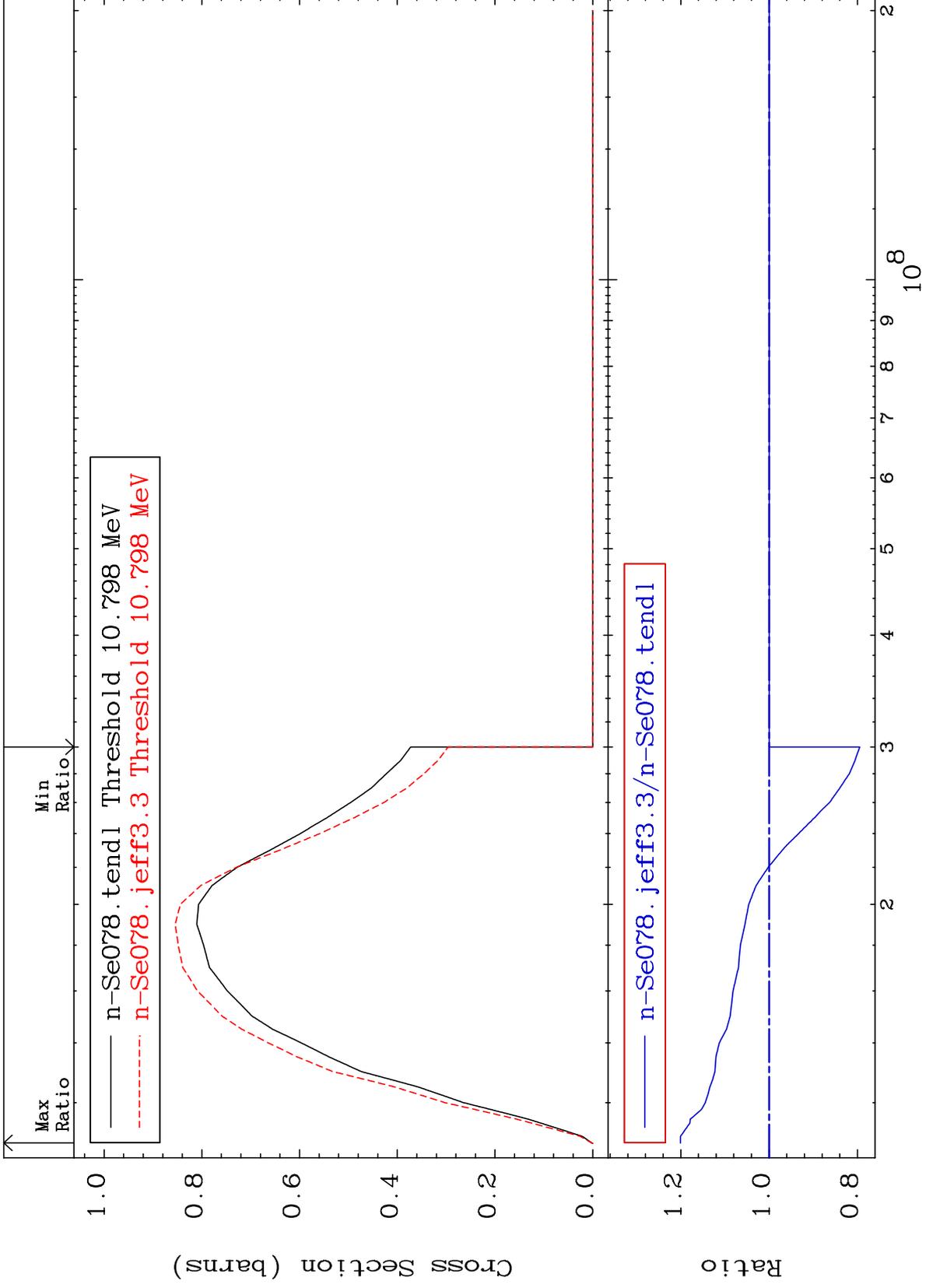
(n,2n):34-Se-77g

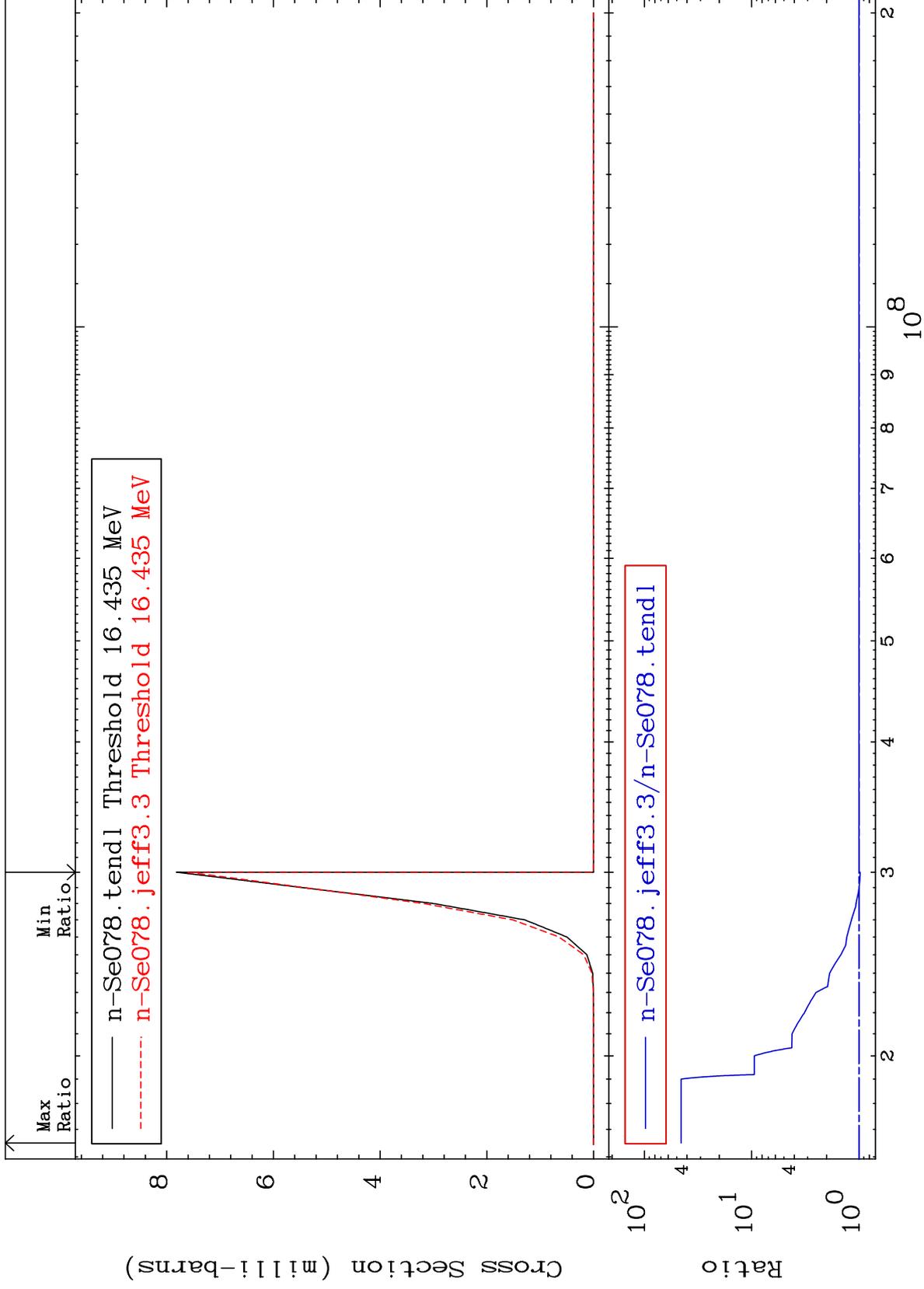
34-Se-78

Radionuclide Production Cross Section -17.39 To 19.42 %

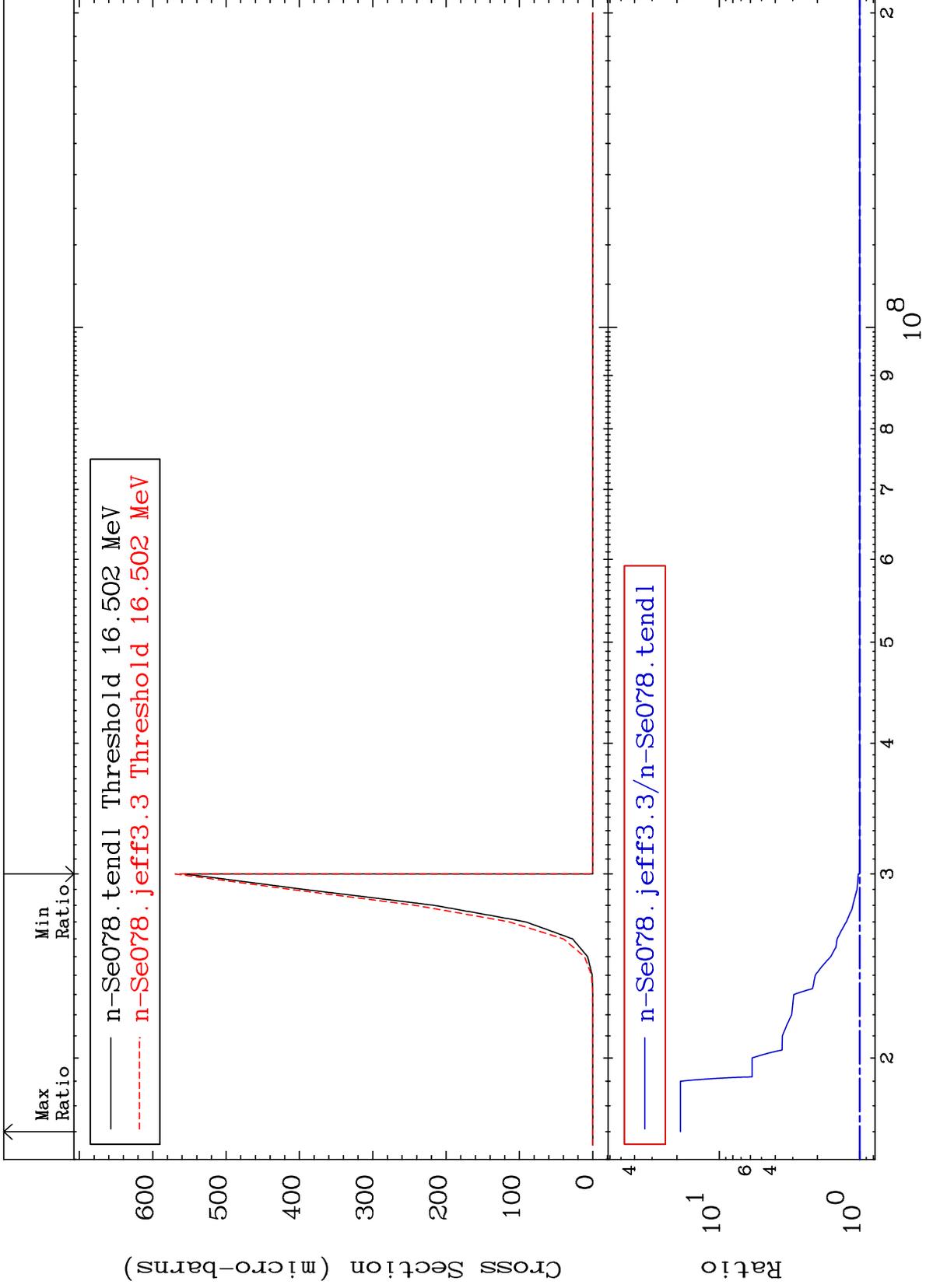


Radionuclide Production Cross Section -20.53 To 20.07 %



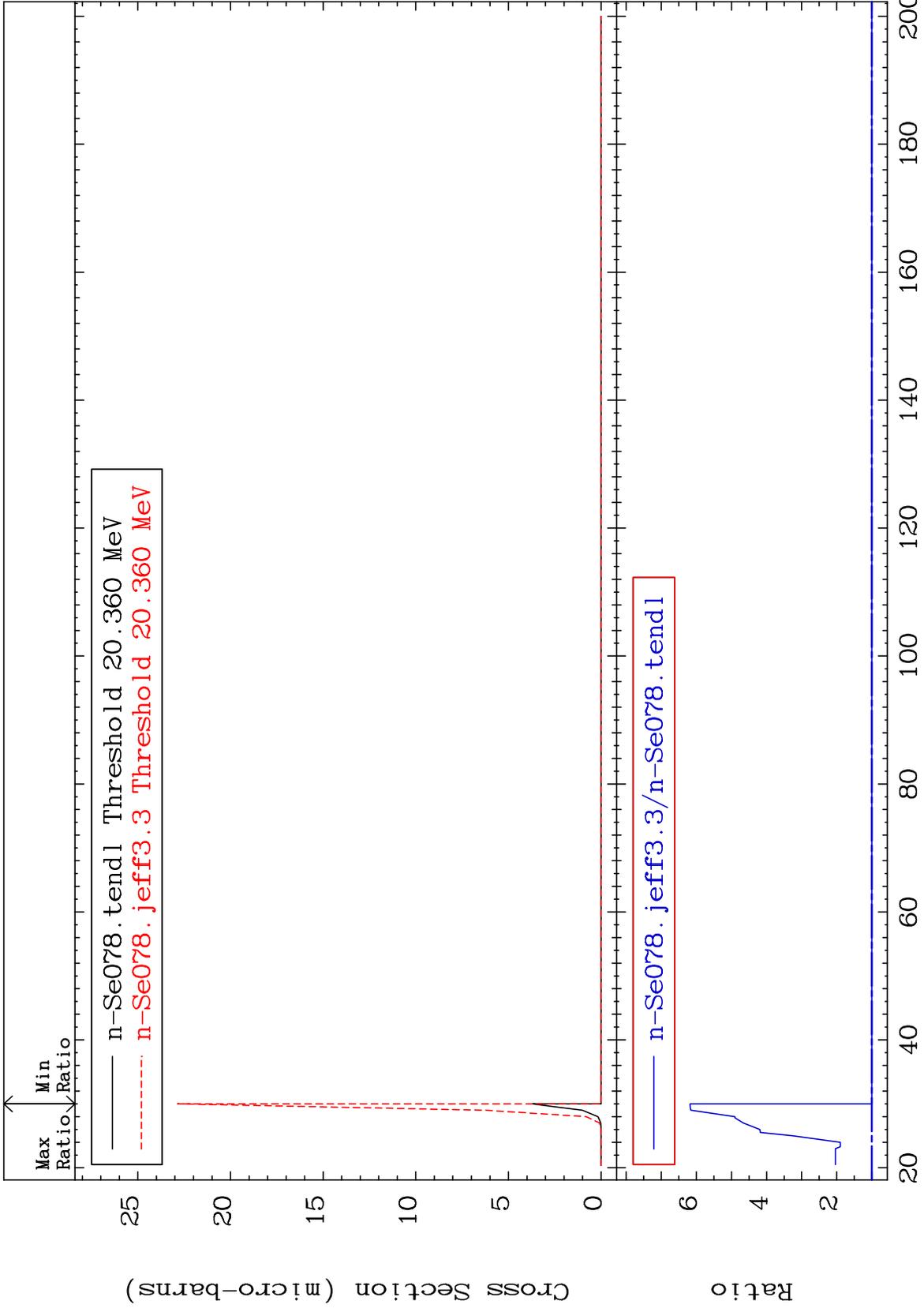


Radionuclide Production Cross Section 0.000 To 1786. %



MAT 3437

(n, n') He-3:32-Ge-75g 34-Se-78
Radionuclide Production Cross Section 0.000 To 518.0 %



84

Incident Energy (MeV)

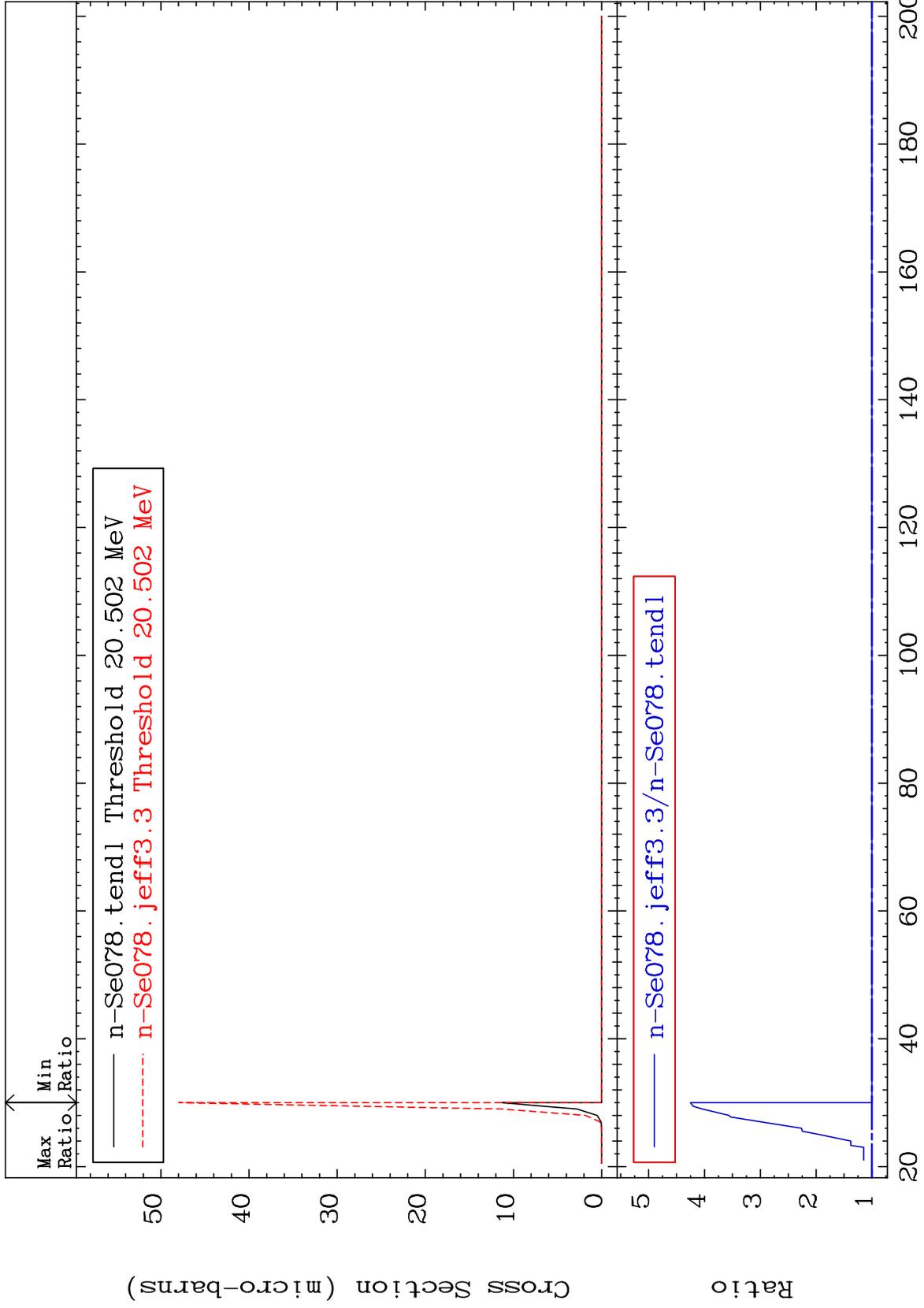
34-Se-78

MAT 3437

(n, n') He-3:32-Ge-75m2

³⁴Se-78

Radionuclide Production Cross Section 0.000 To 325.1 %



85

Incident Energy (MeV)

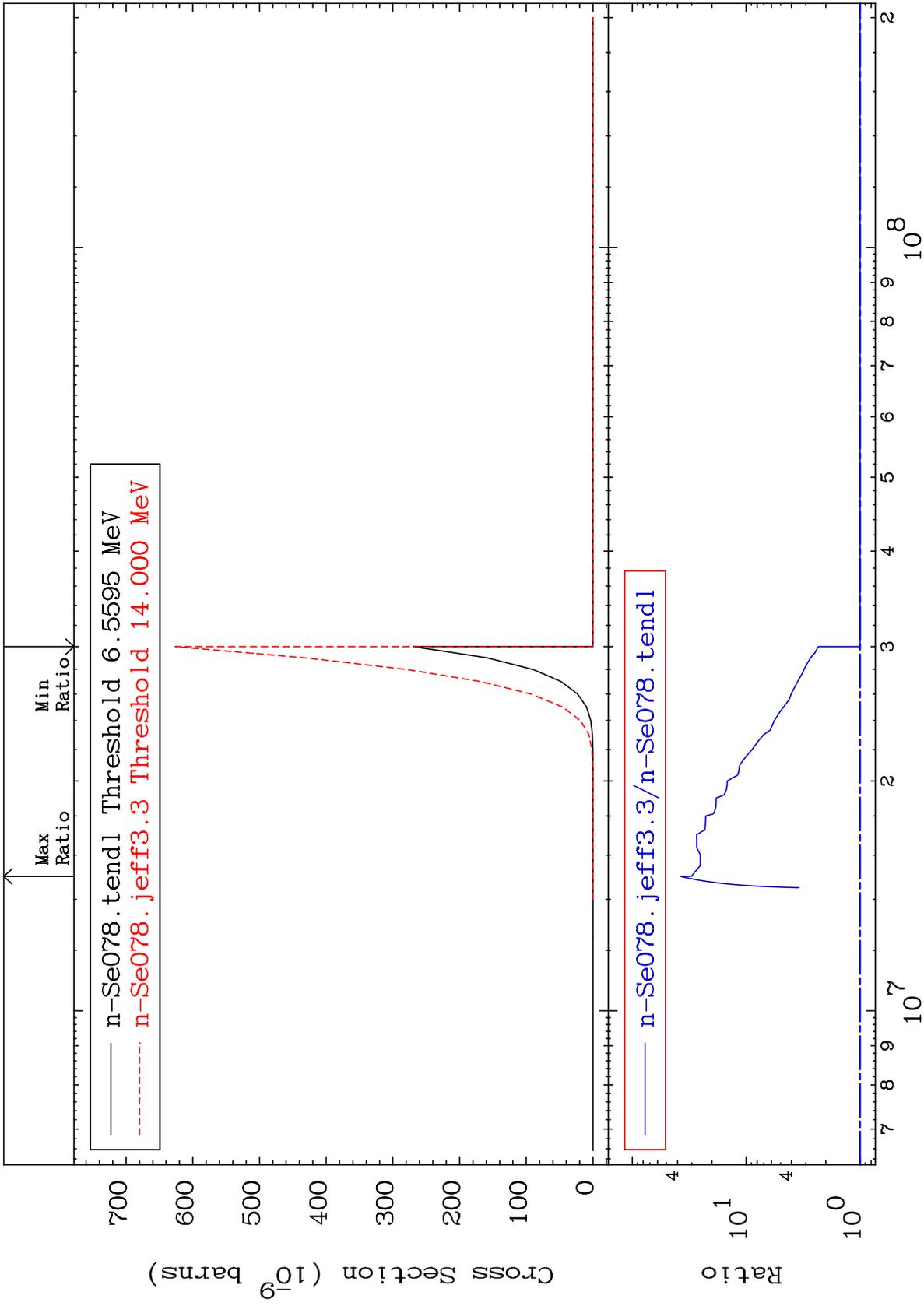
³⁴Se-78

MAT 3437

(n,2α):30-Zn-71g

³⁴Se-78

Radionuclide Production Cross Section 0.000 To 3647. %

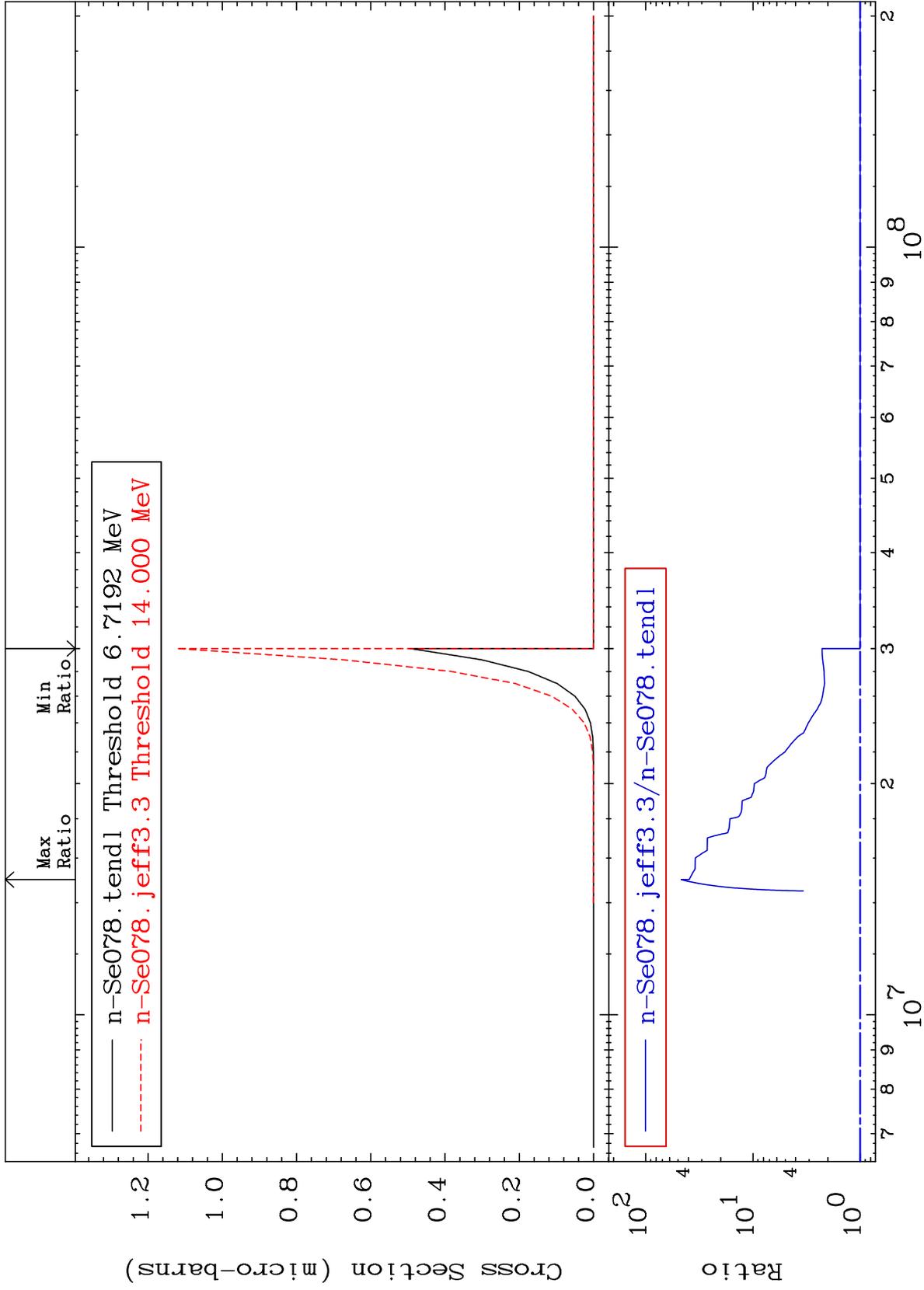


MAT 3437

(n, 2α):30-Zn-71m1

34-Se-78

Radionuclide Production Cross Section 0.000 To 4576. %



87

Incident Energy (eV)

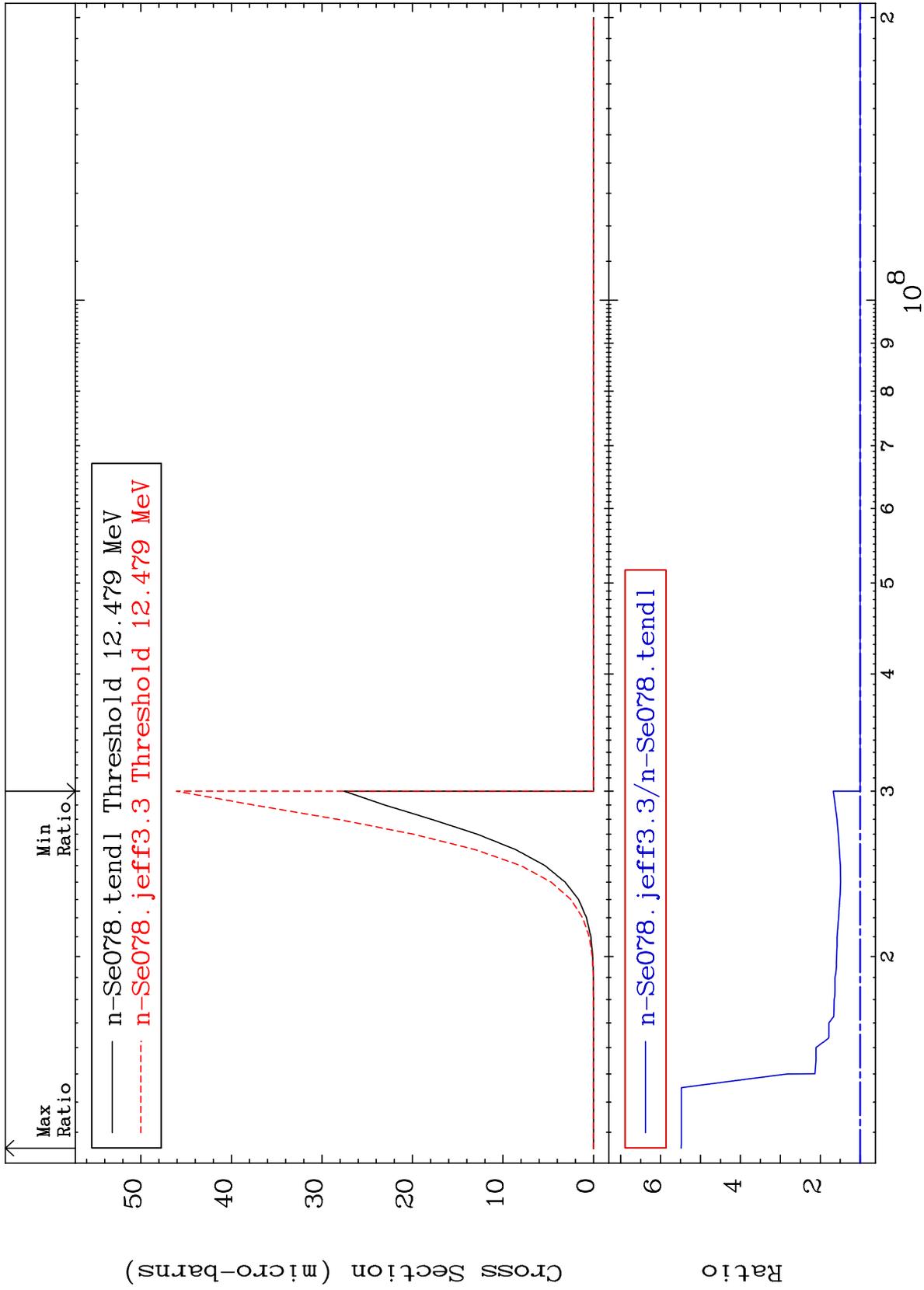
34-Se-78

MAT 3437

(n,2p) : 32-Ge-77g

34-Ge-78

Radionuclide Production Cross Section 0.000 To 448.4 %

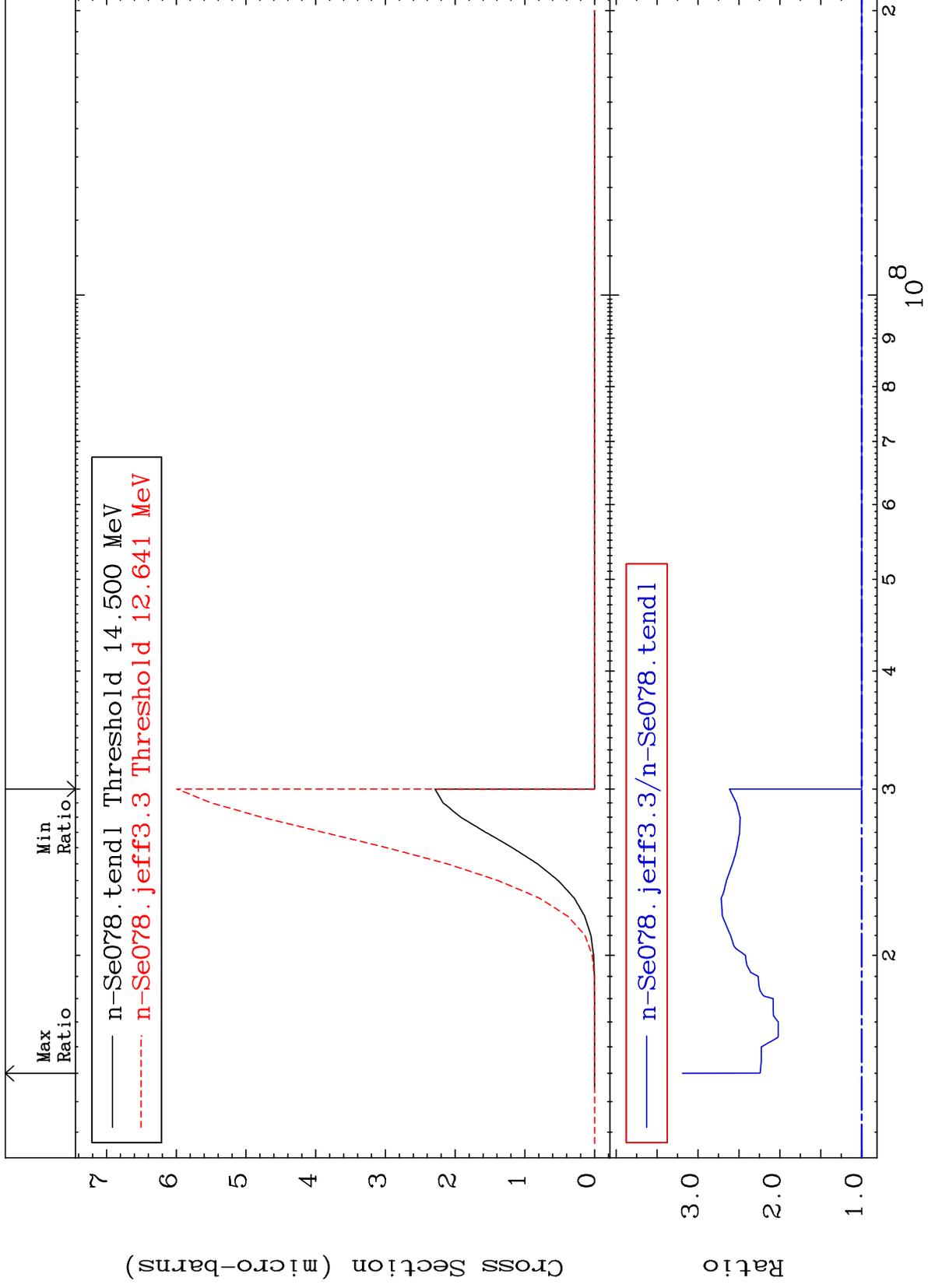


MAT 3437

(n,2p):32-Ge-77m1

34-^{Se}-78

Radionuclide Production Cross Section 0.000 To 219.1 %

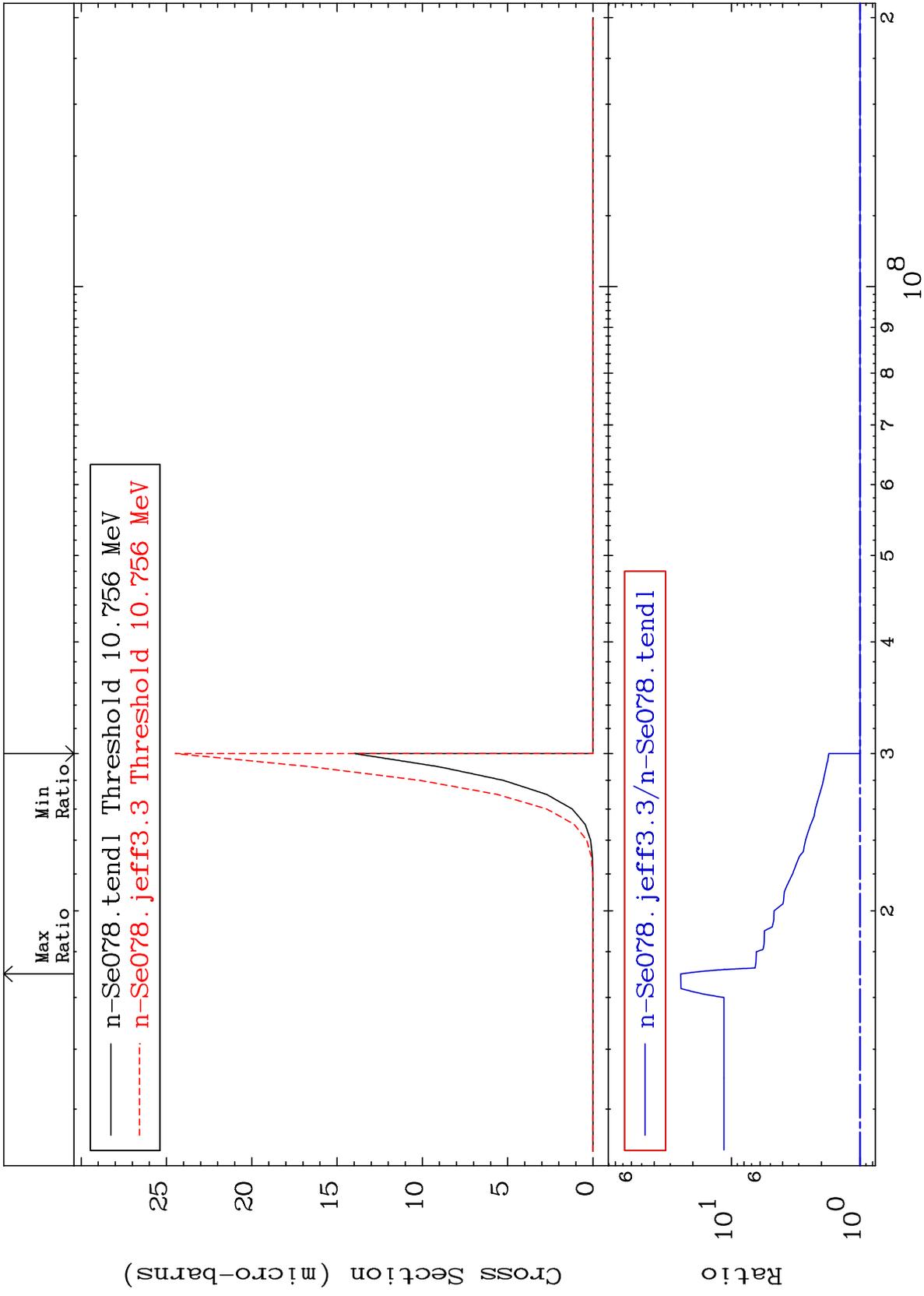


MAT 3437

(n, p) α :31-Ga-74g

³⁴Se-78

Radionuclide Production Cross Section 0.000 To 2382. %

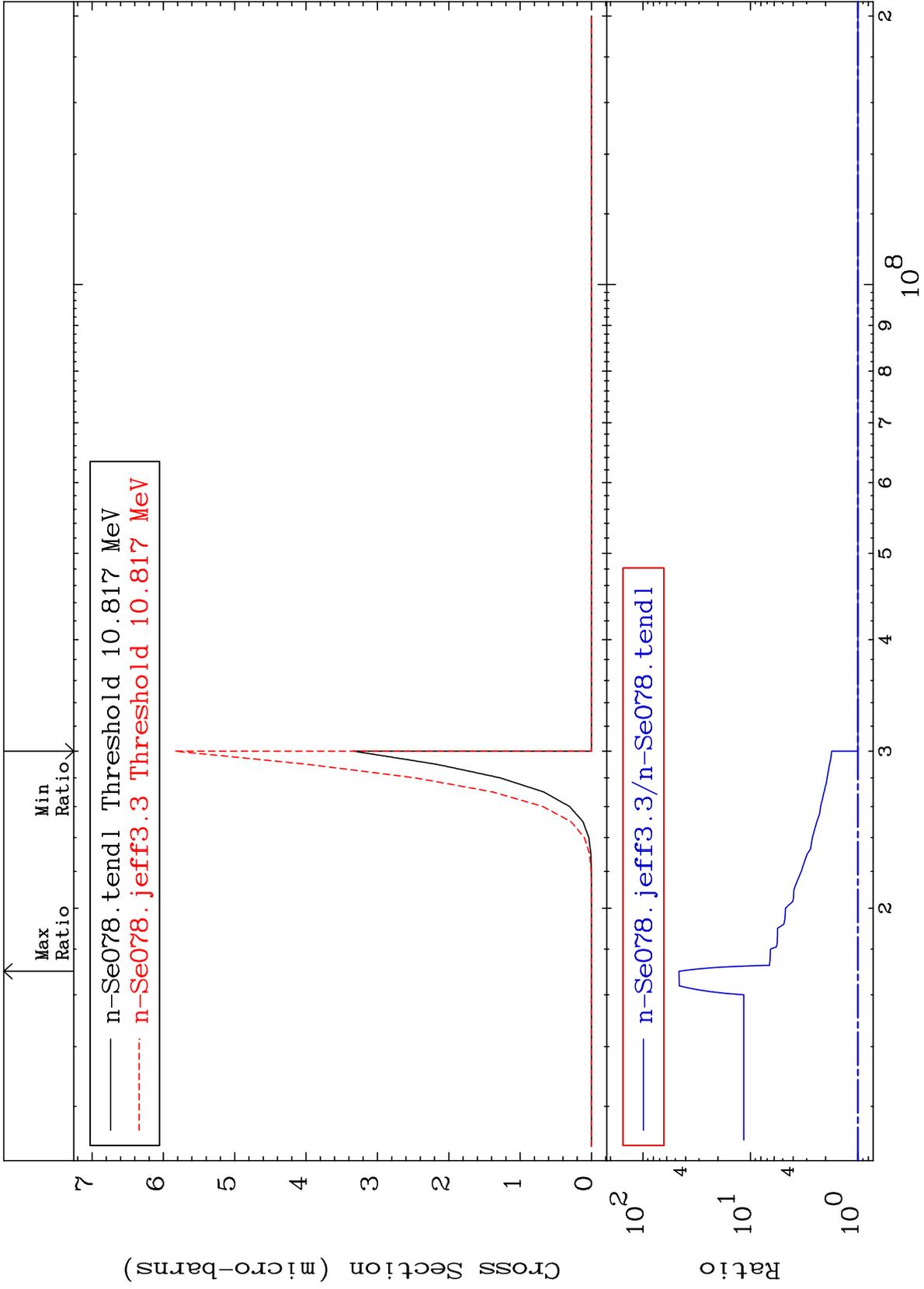


MAT 3437

(n, p) α :31-Ga-74m2

34-Se-78

Radionuclide Production Cross Section 0.000 To 4509. %

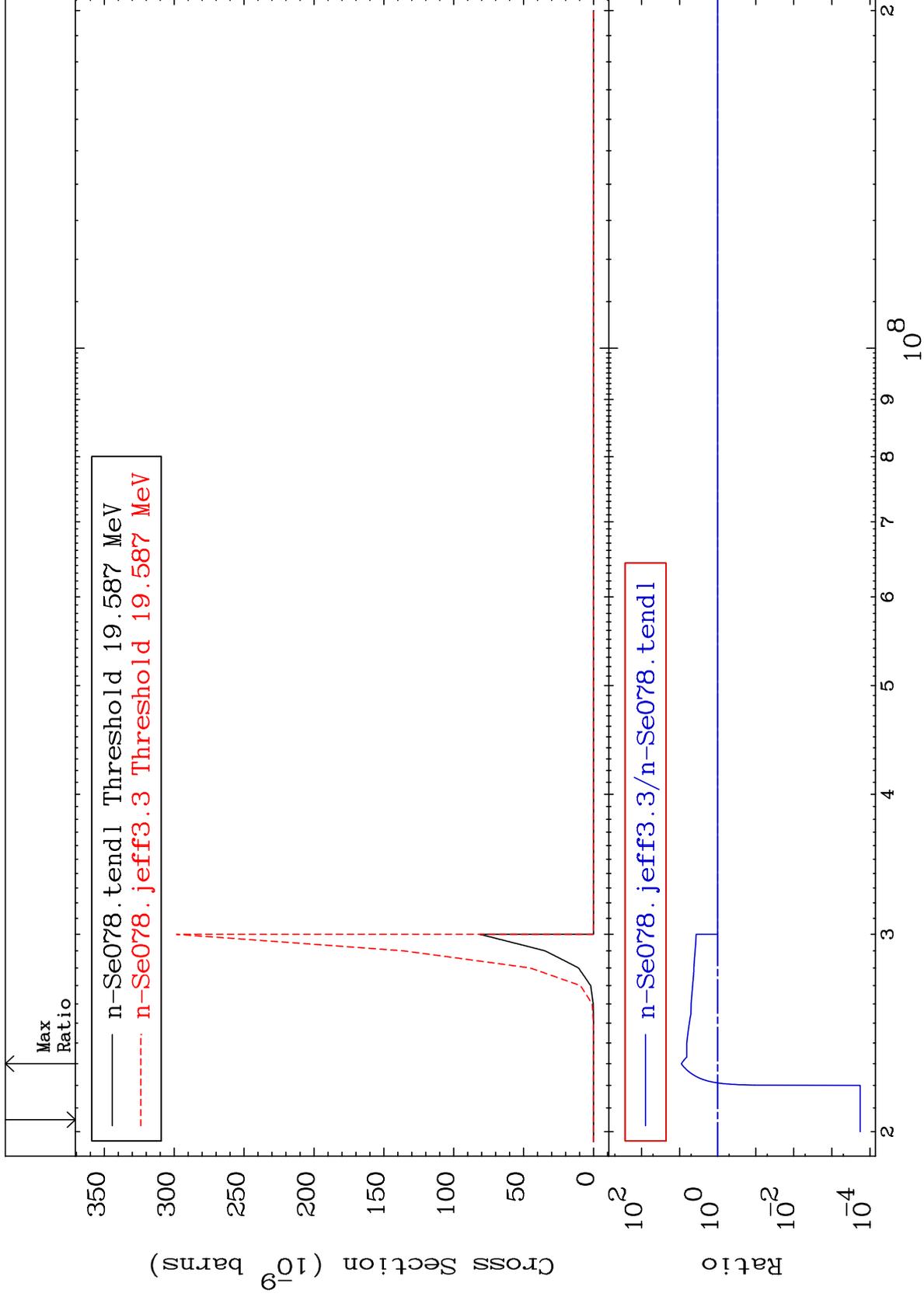


MAT 3437

(n, p) t:32-Ge-75g

³⁴Se-78

Radionuclide Production Cross Section -99.98 To 808.1 %



92

Incident Energy (eV)

³⁴Se-78

MAT 3437

(n, p) t:32-Ge-75m2

34-^{Se}-78

Radionuclide Production Cross Section 0.000 To 587.3 %

