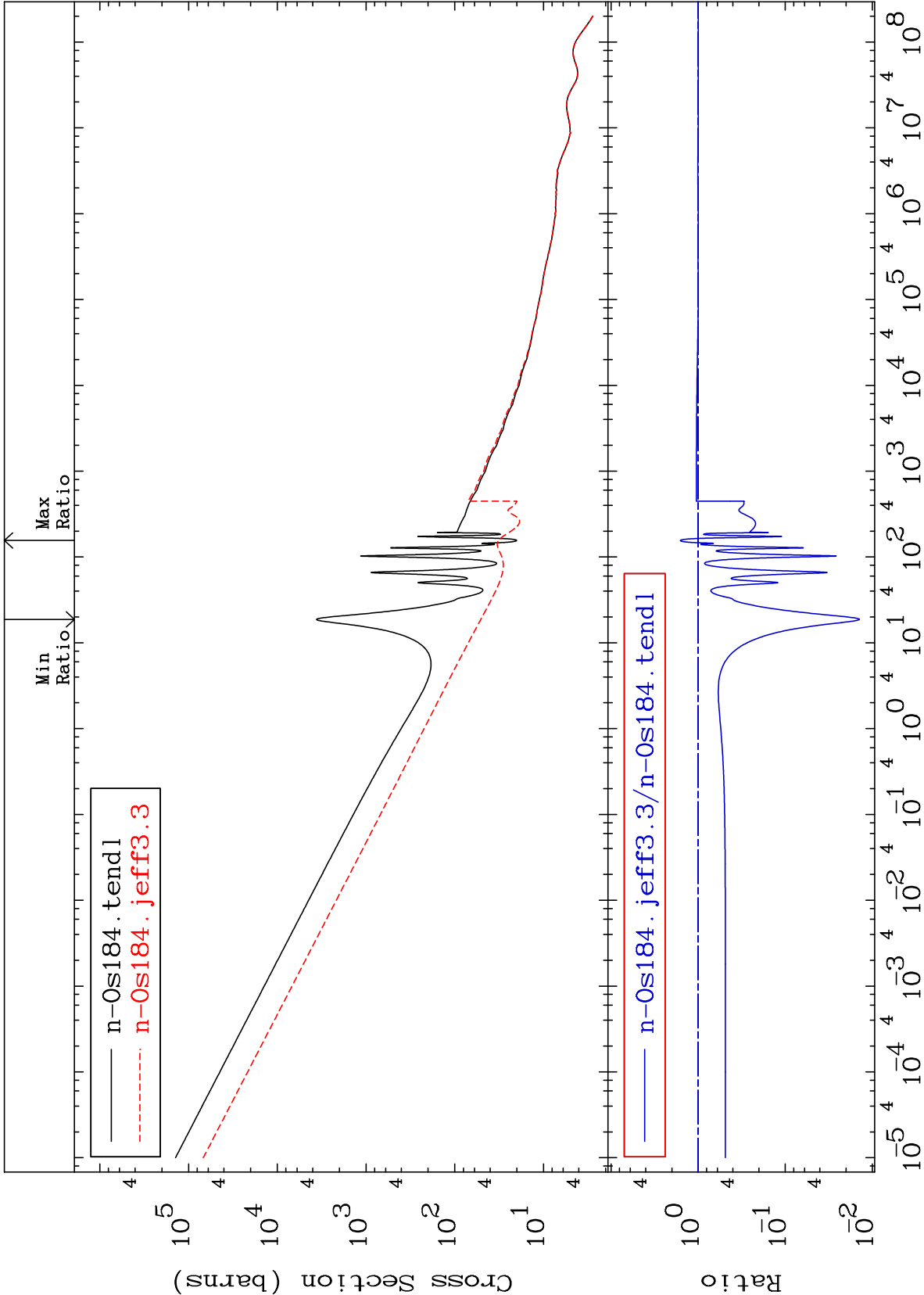


MAT 7625

76-0s-184
-98.59 To 59.92 %

Total
Cross Section

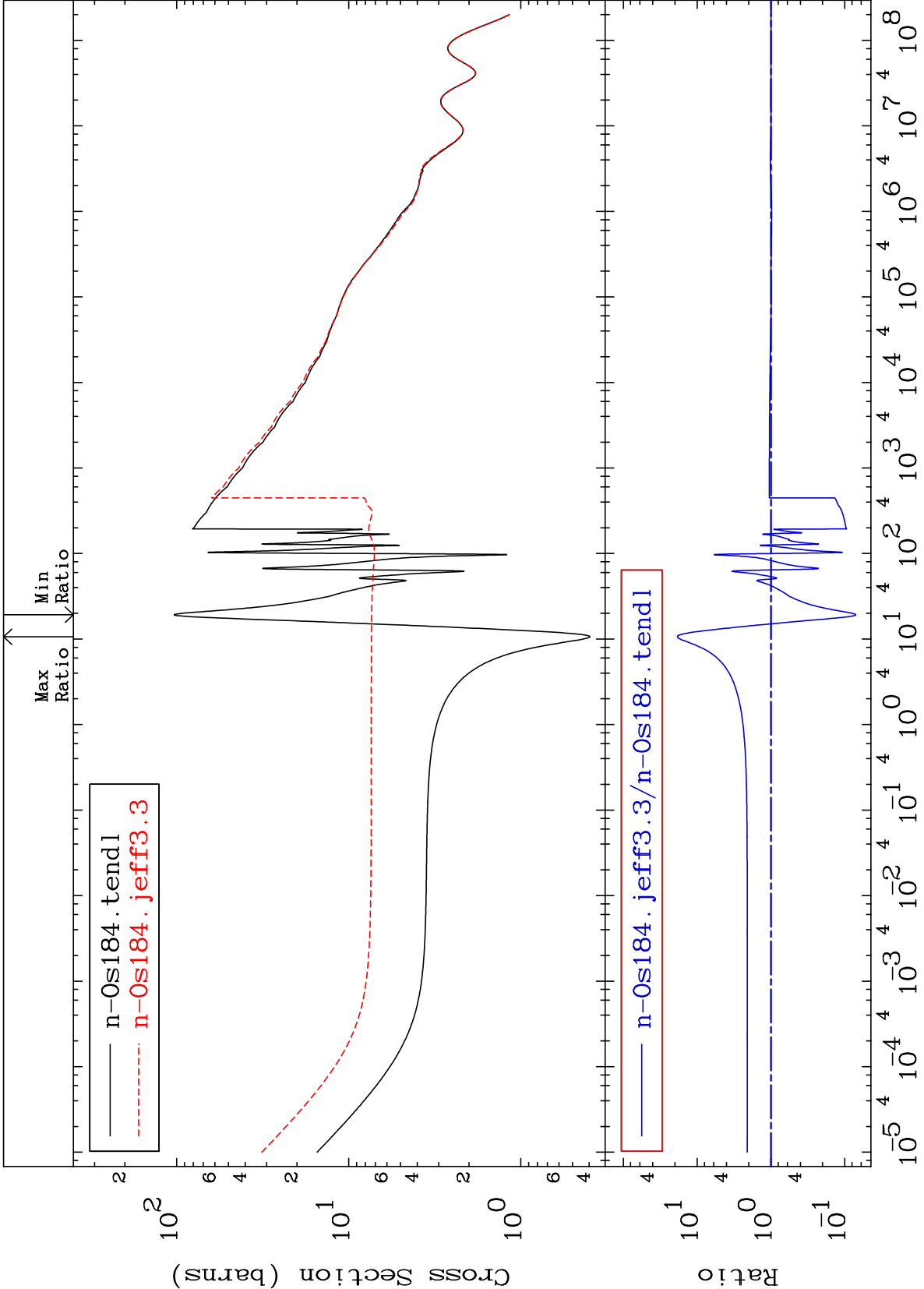


MAT 7625

⁷⁶Os-184

-92.89 To 1762. %

Elastic
Cross Section



⁷⁶Os-184

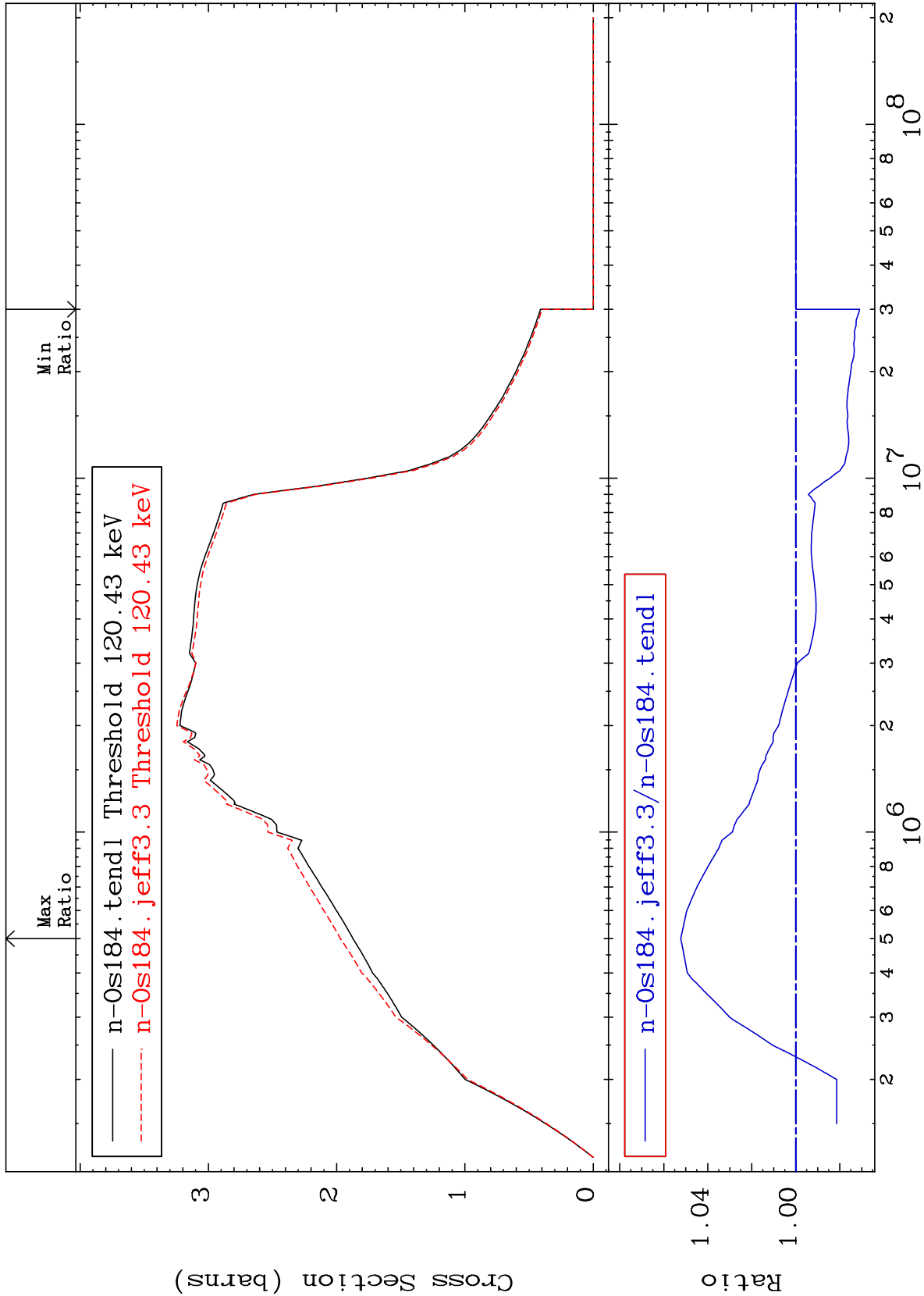
Incident Energy (eV)

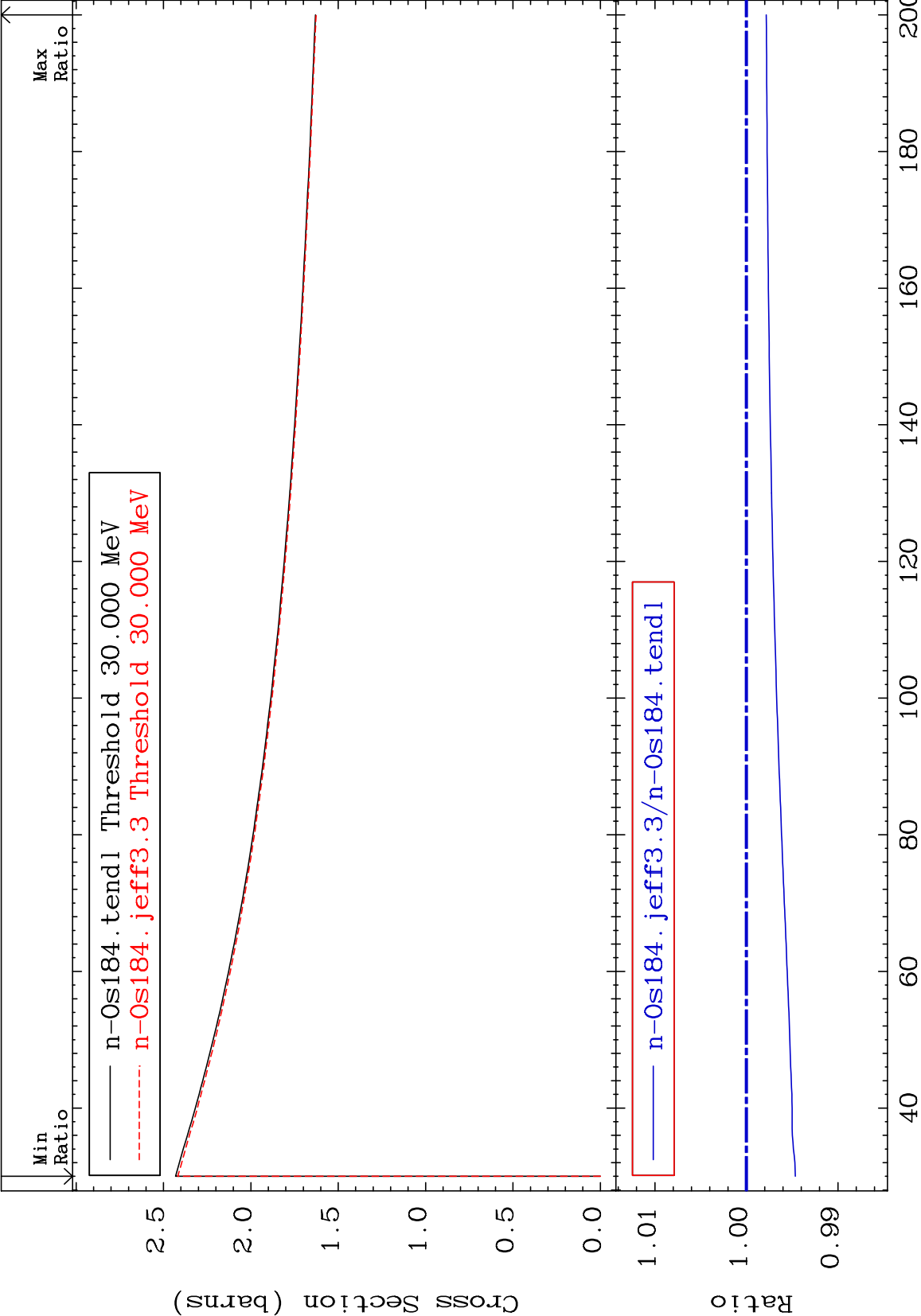
2

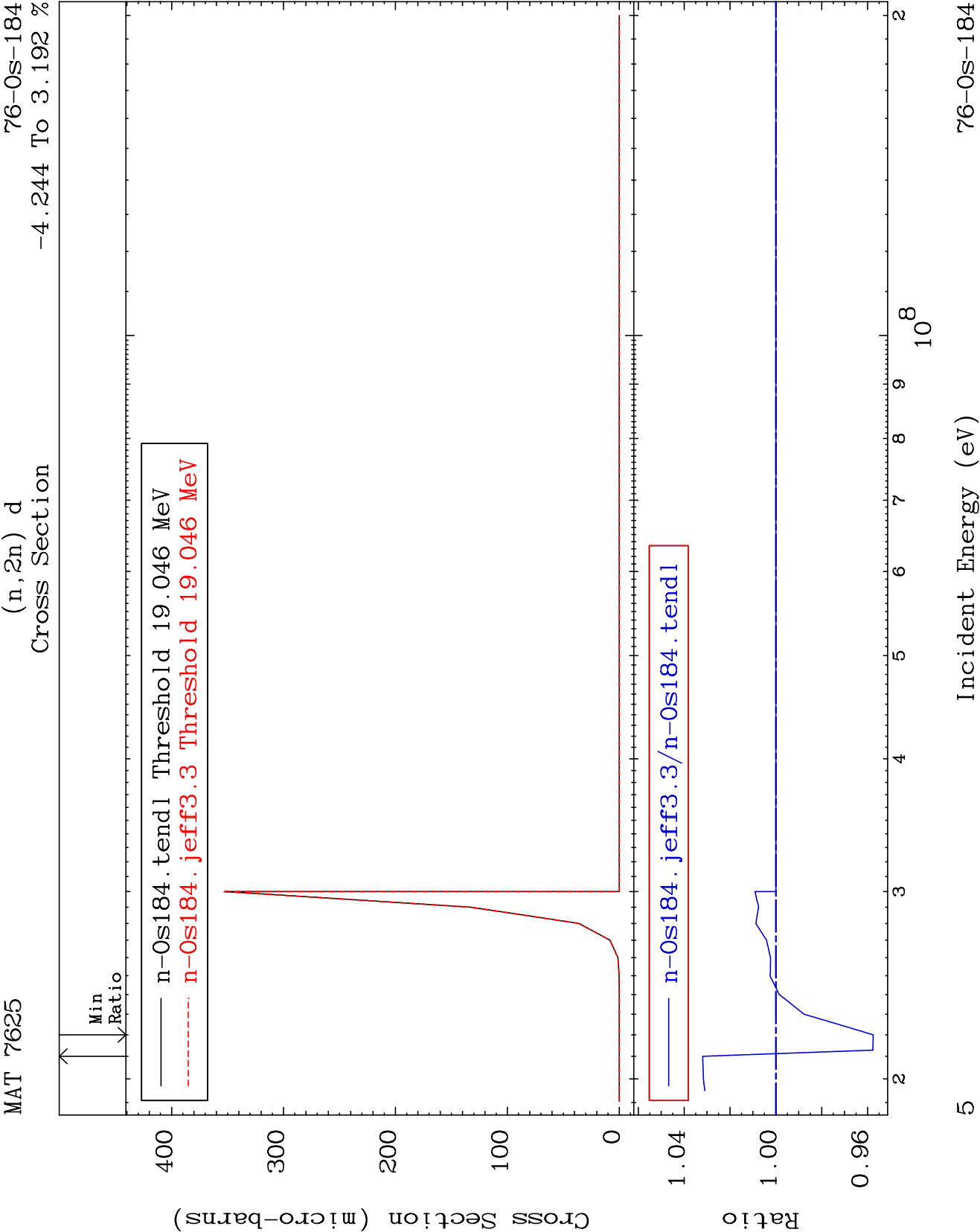
MAT 7625

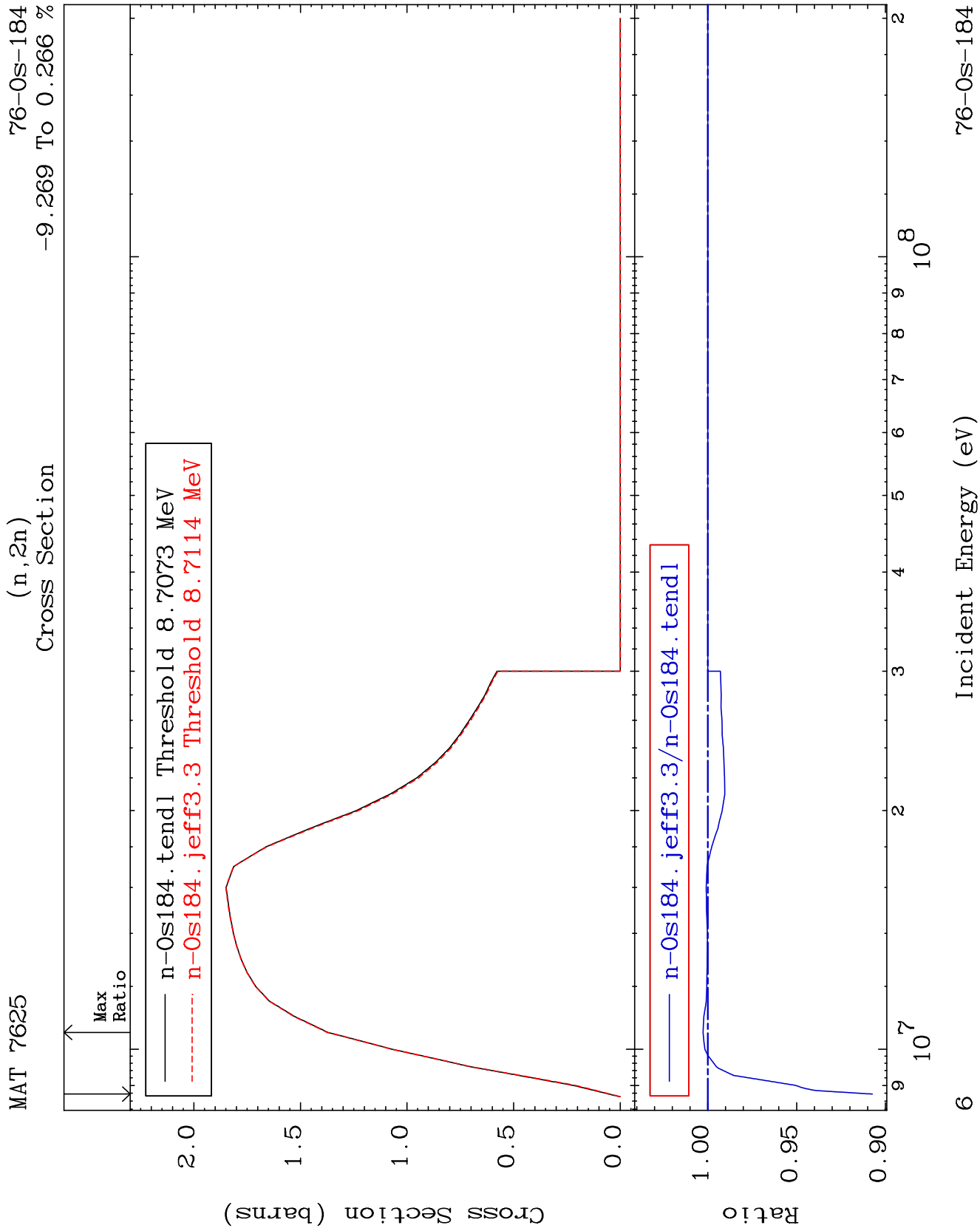
Inelastic
Cross Section

76-0s-184
-2.900 To 5.227 %





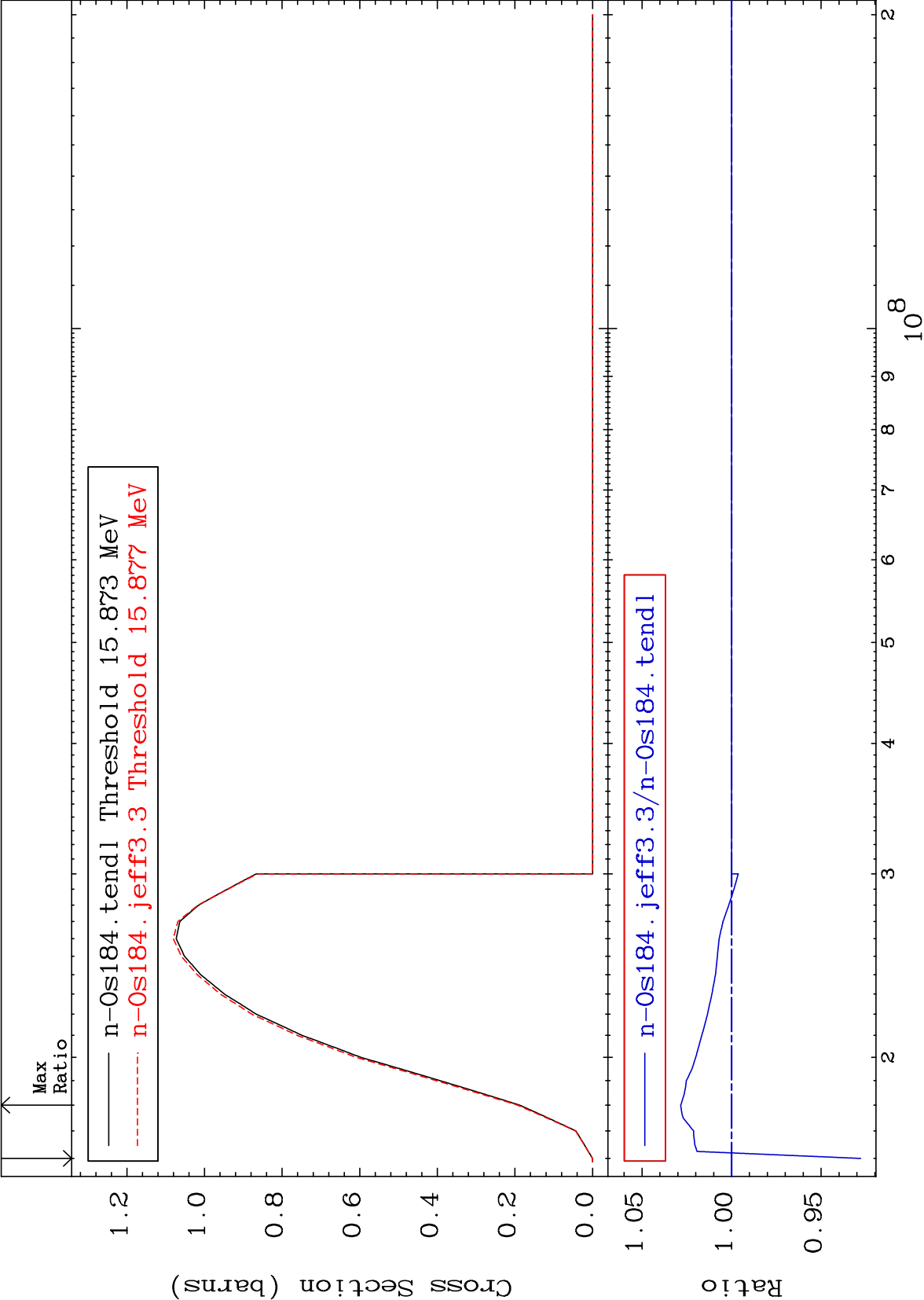




MAT 7625

(n,3n)
Cross Section

⁷⁶Os-184
-7.207 To 2.841 %

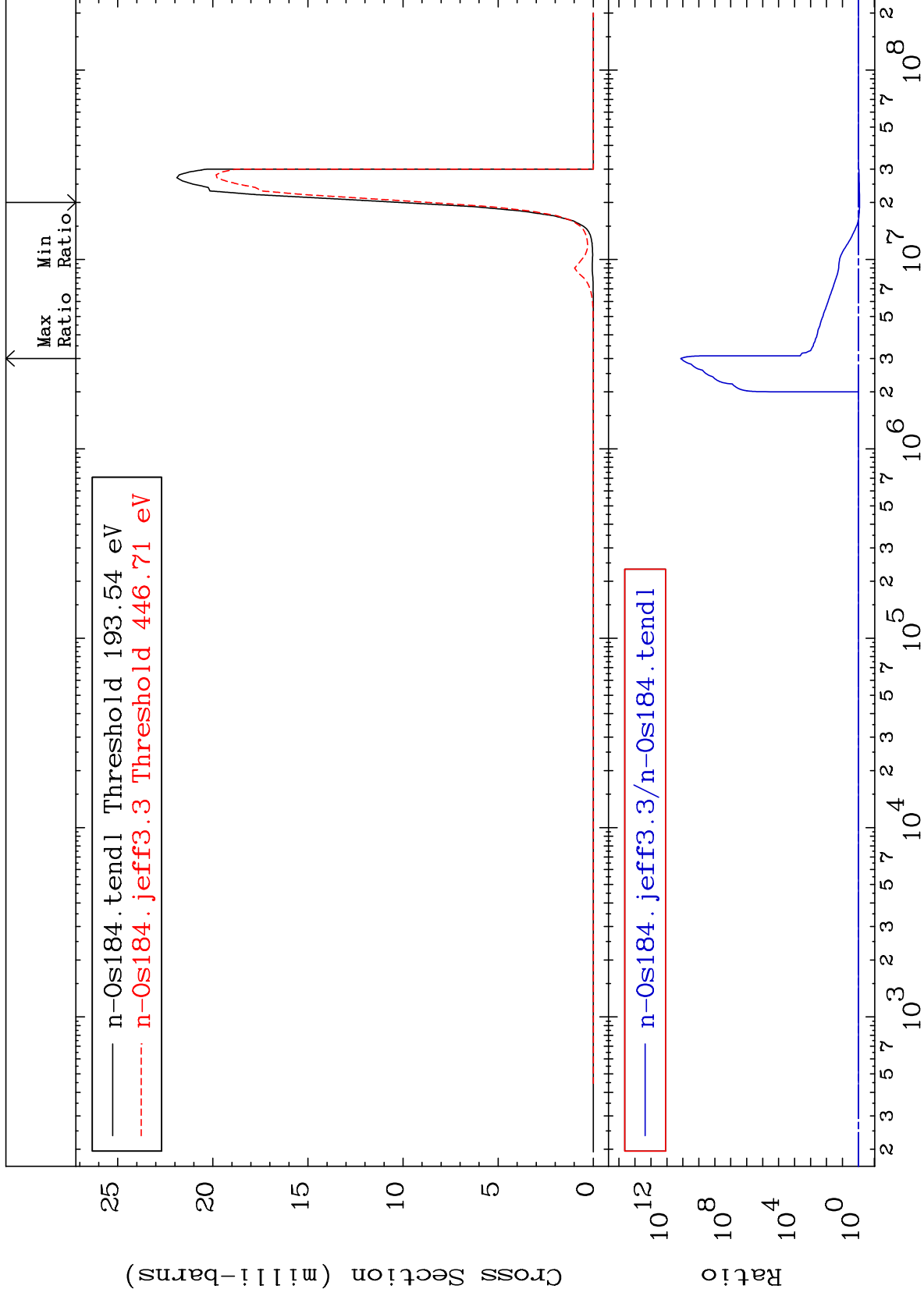


MAT 7625

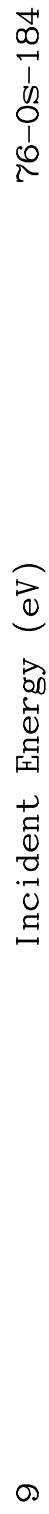
$(n, n') \alpha$
Cross Section

76-0s-184

-14.90 To 9999. %



(n,2n) α
Cross Section
76-0s-184
-13.11 To 9999. %



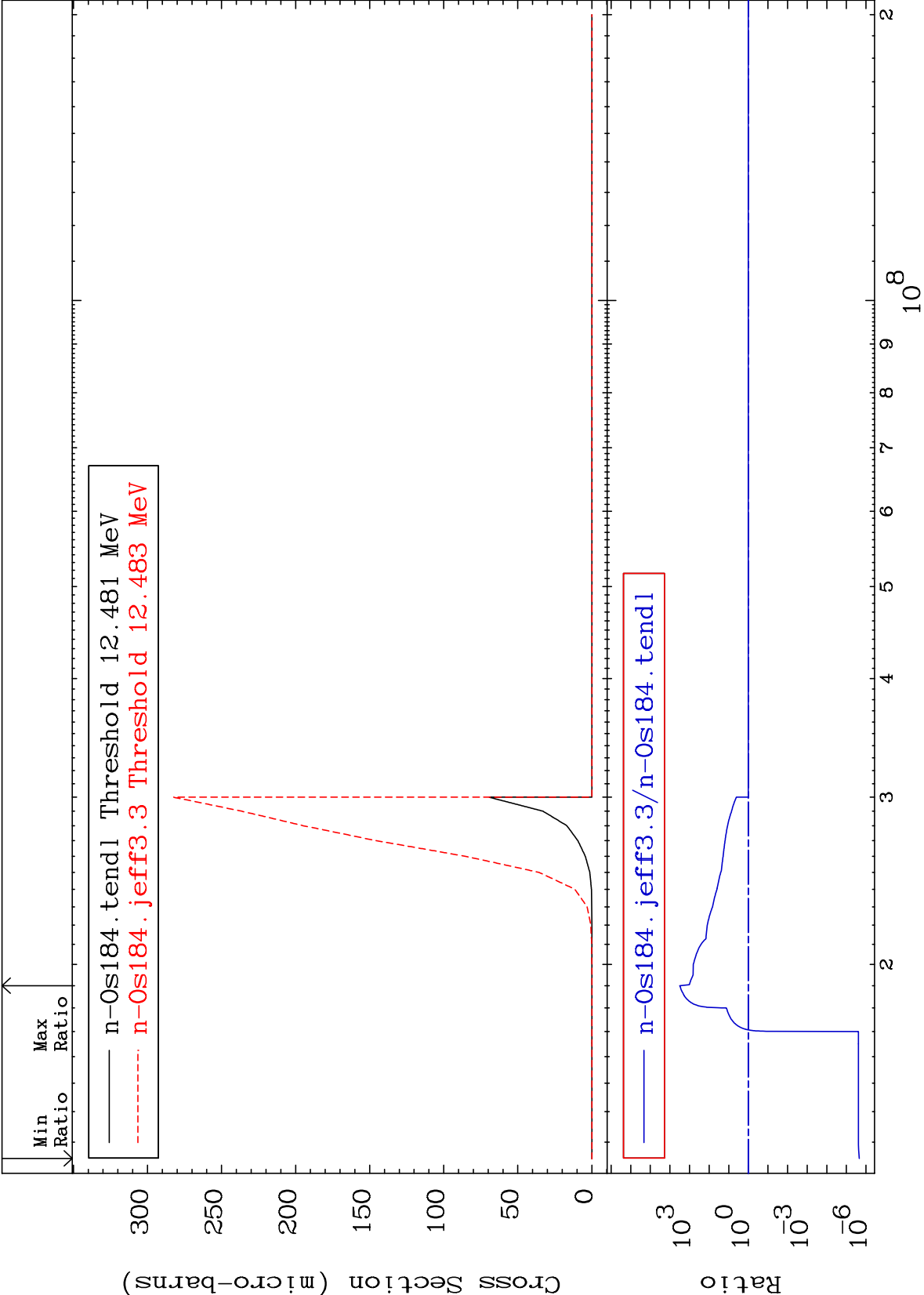
MAT 7625

(n,3n) α

⁷⁶Os-184

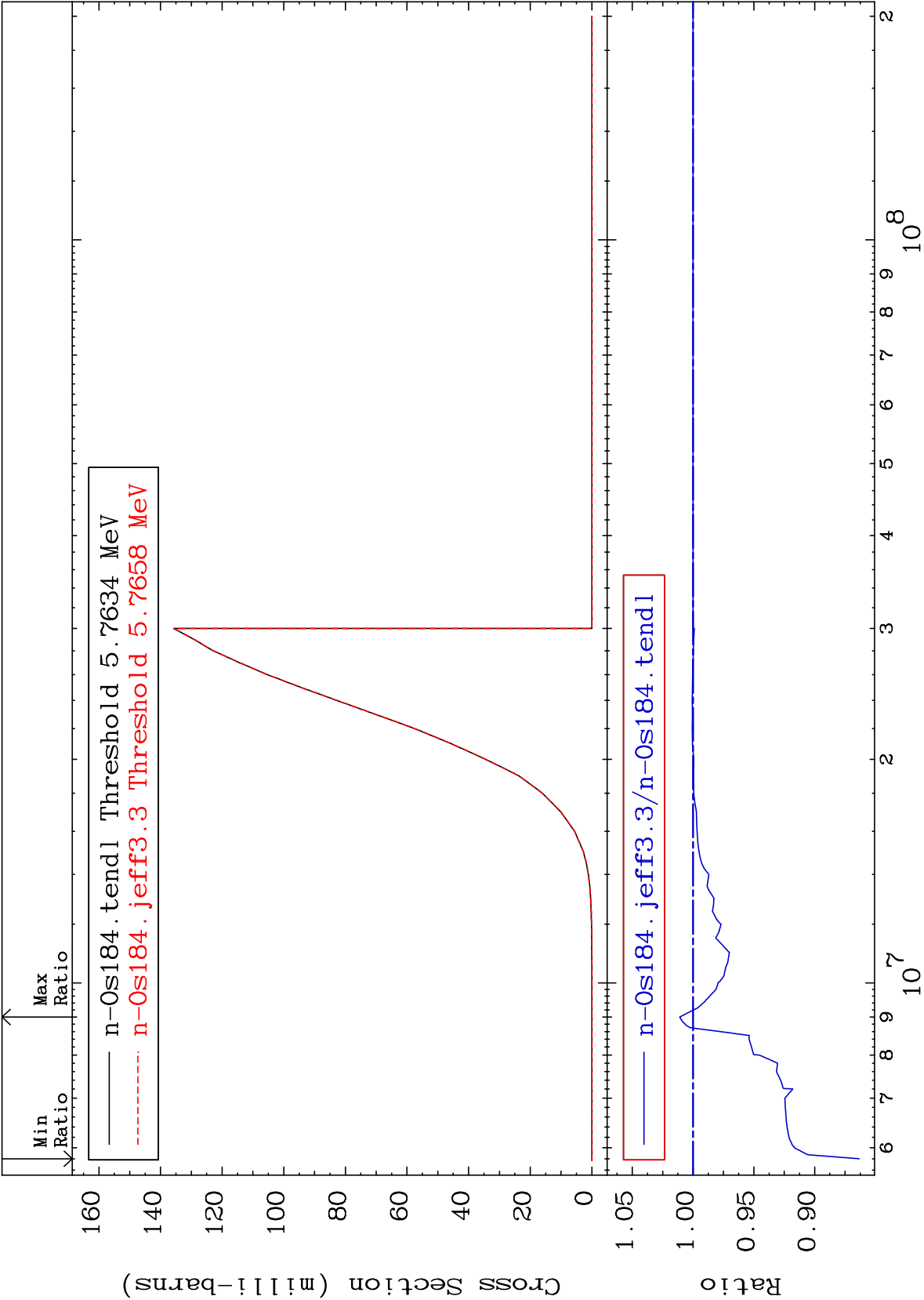
Cross Section

-100.0 To 9999. %



MAT 7625

(n,n') p
Cross Section
76-0s-184
-13.67 To 1.097 %



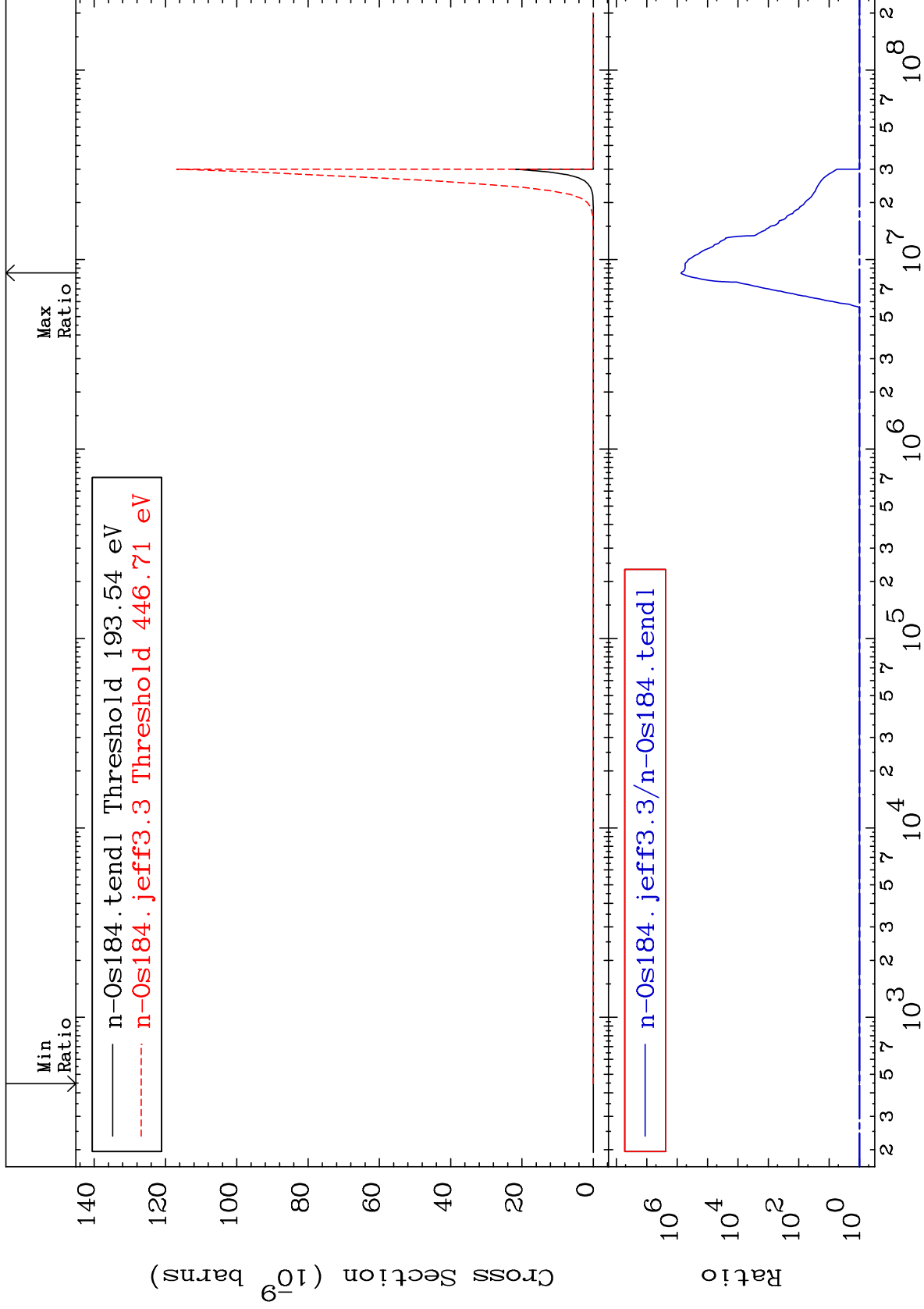
MAT 7625

(n,n') 2α

76-Os-184

Cross Section

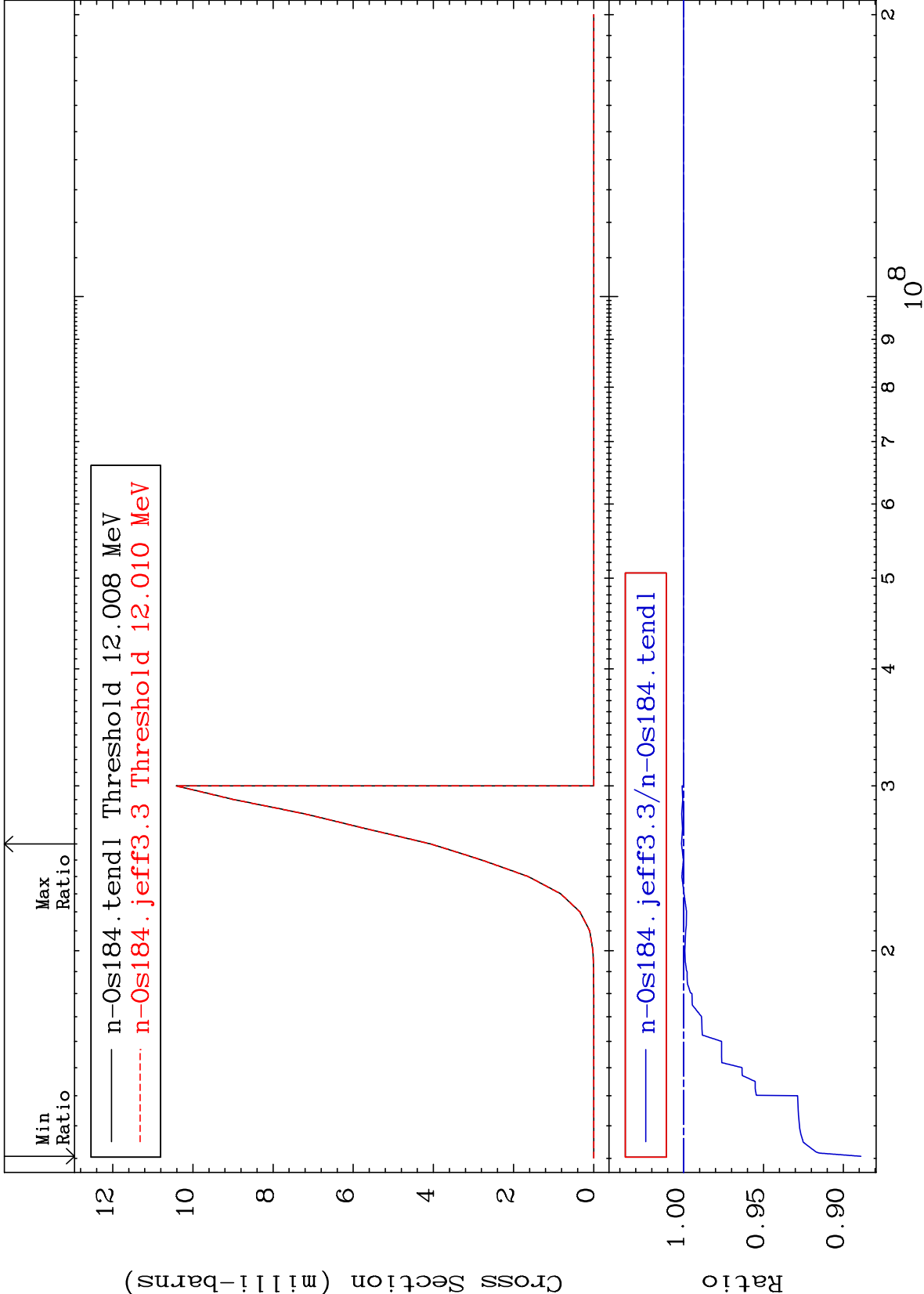
0.000 To 9999. %



12

Cross Section

-11.10 To 0.133 %



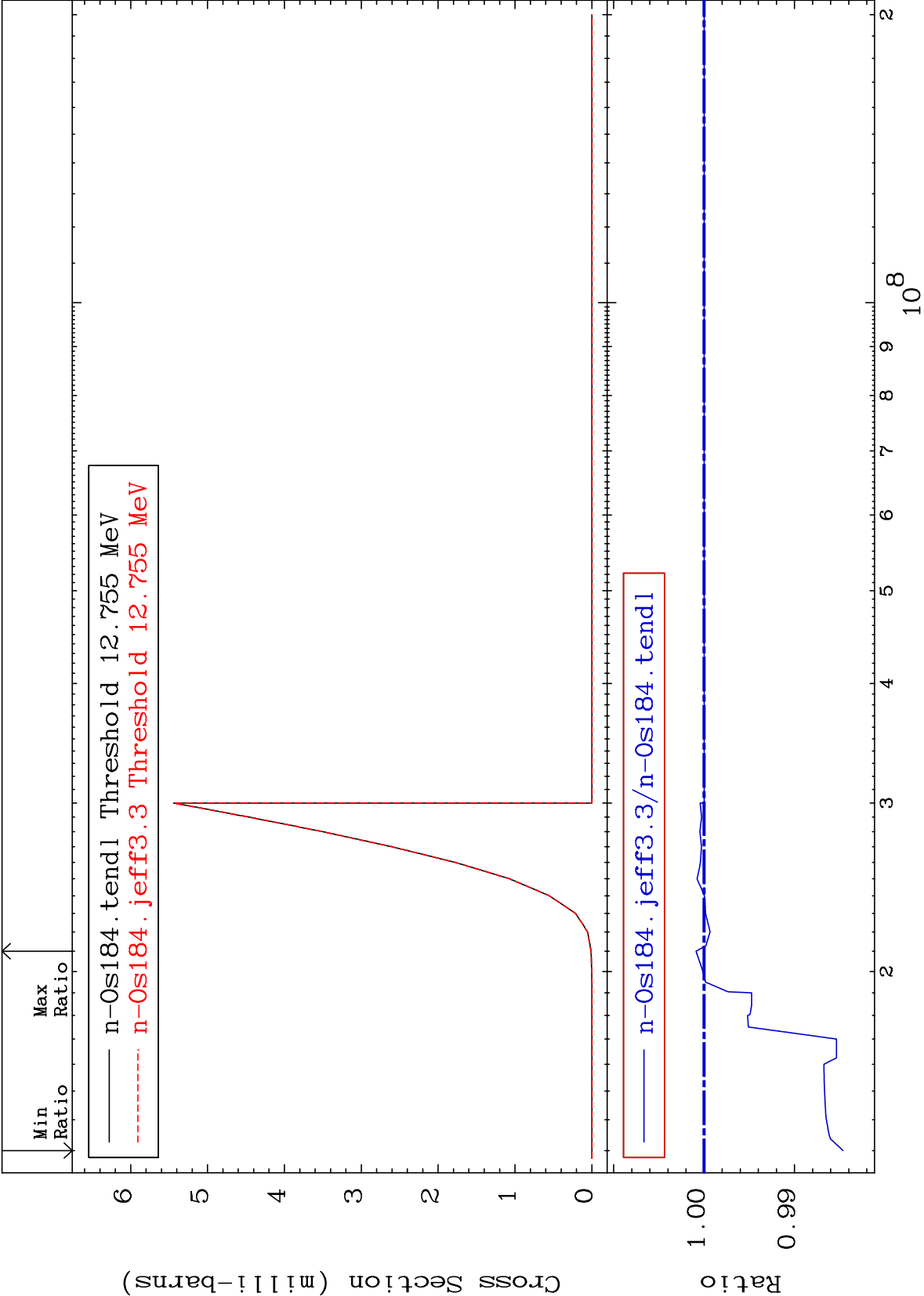
MAT 7625

(n,n') t

⁷⁶Os-¹⁸⁴

Cross Section

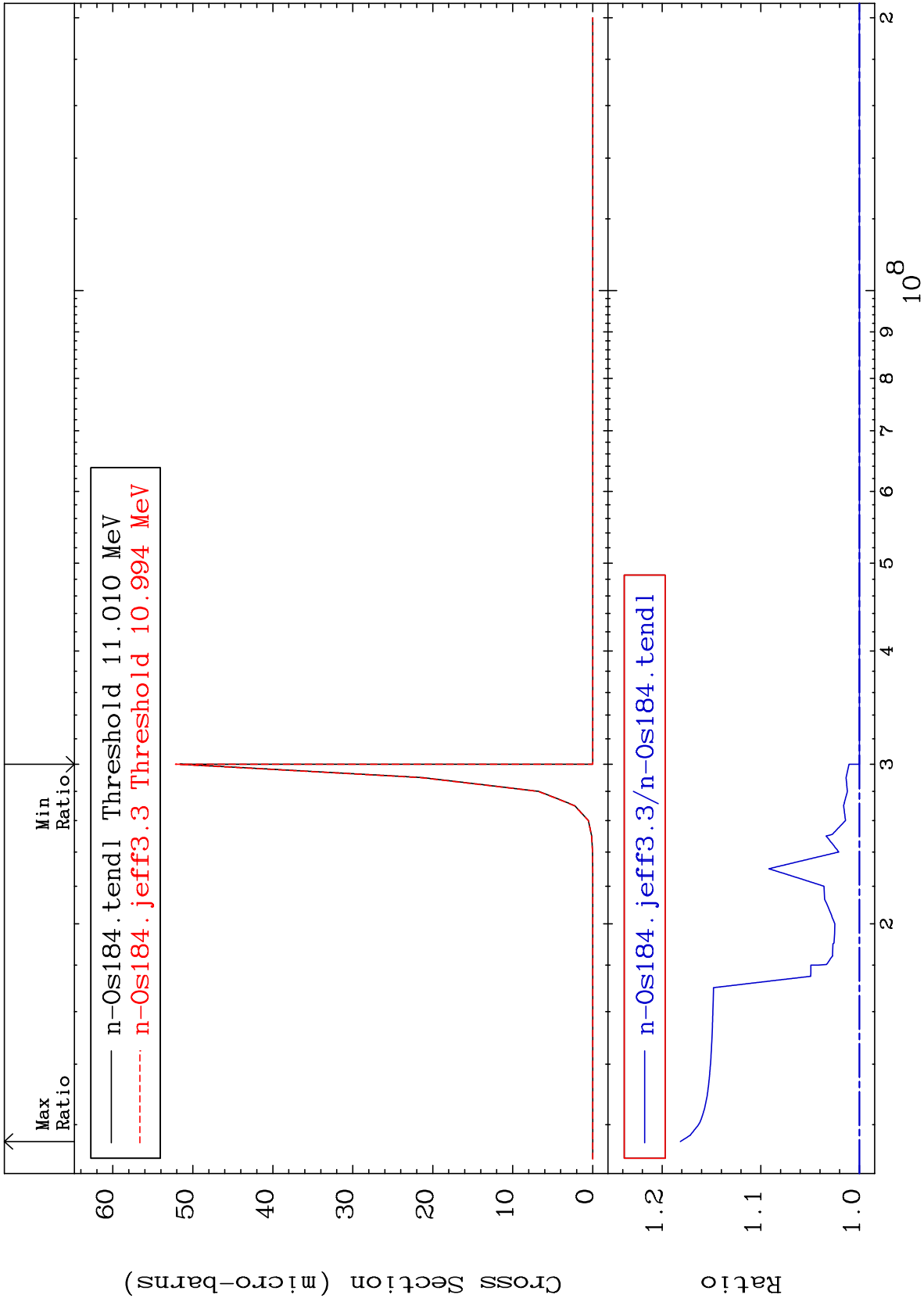
-1.536 To 0.089 %



14

Incident Energy (eV)

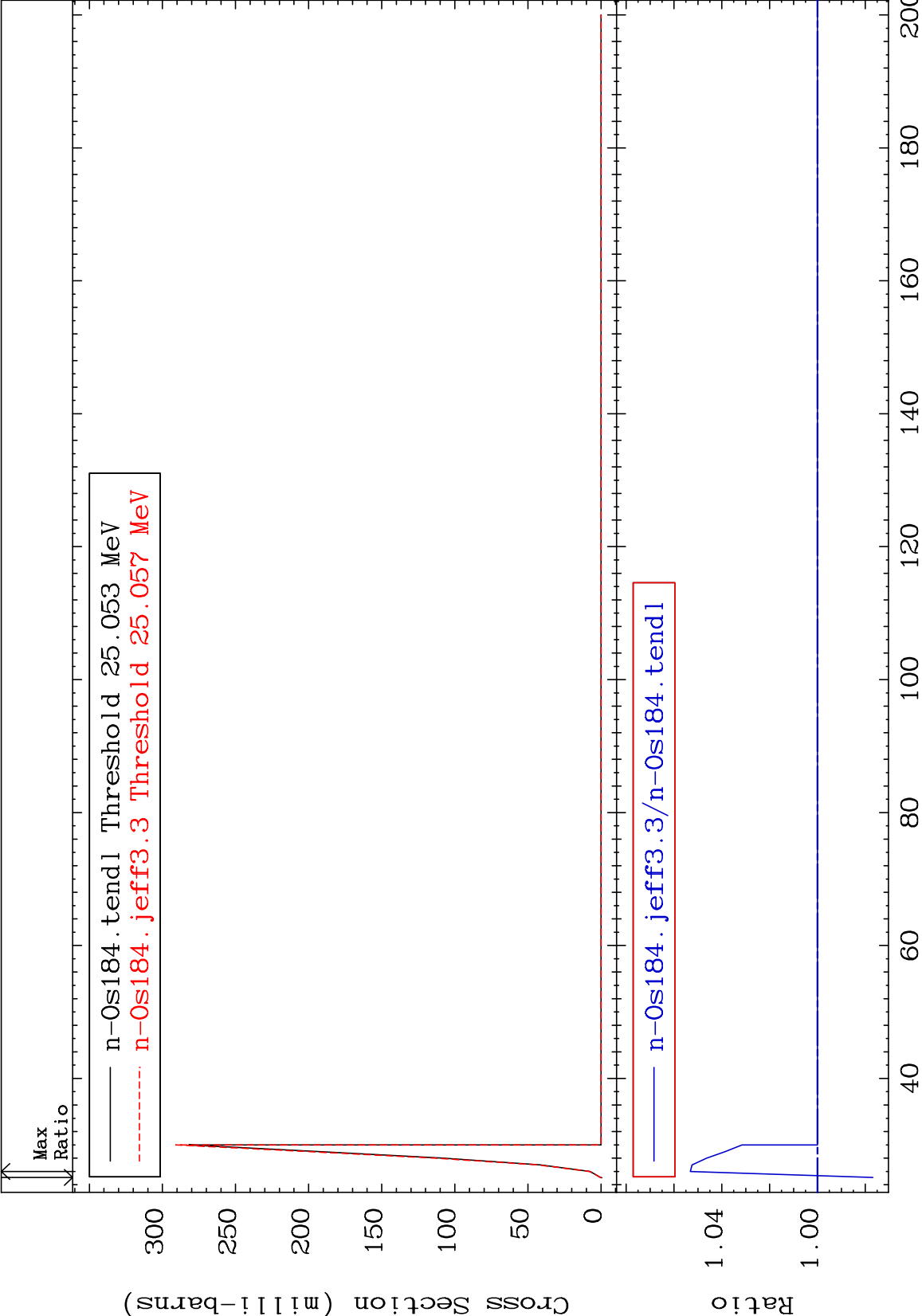
⁷⁶Os-¹⁸⁴

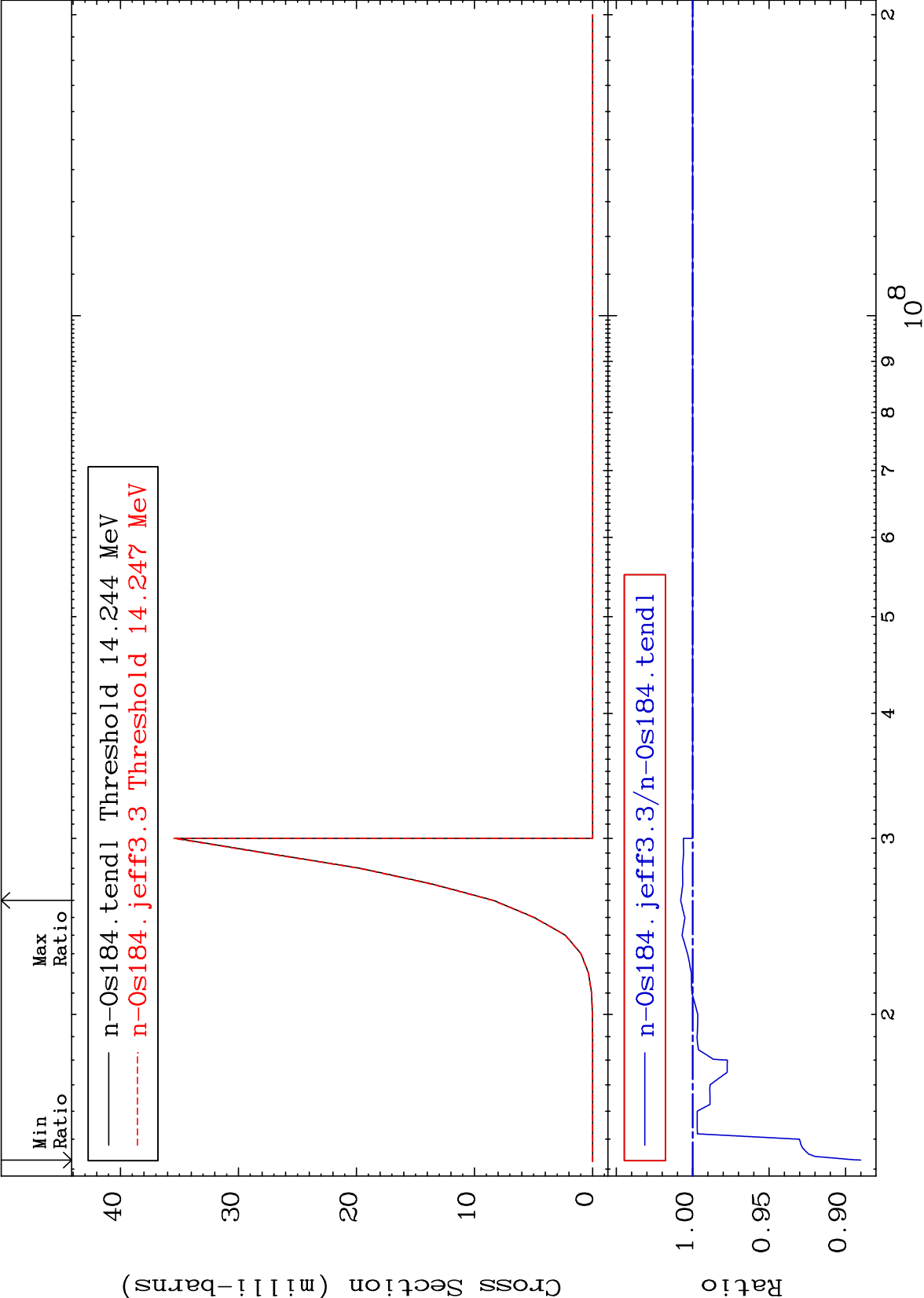


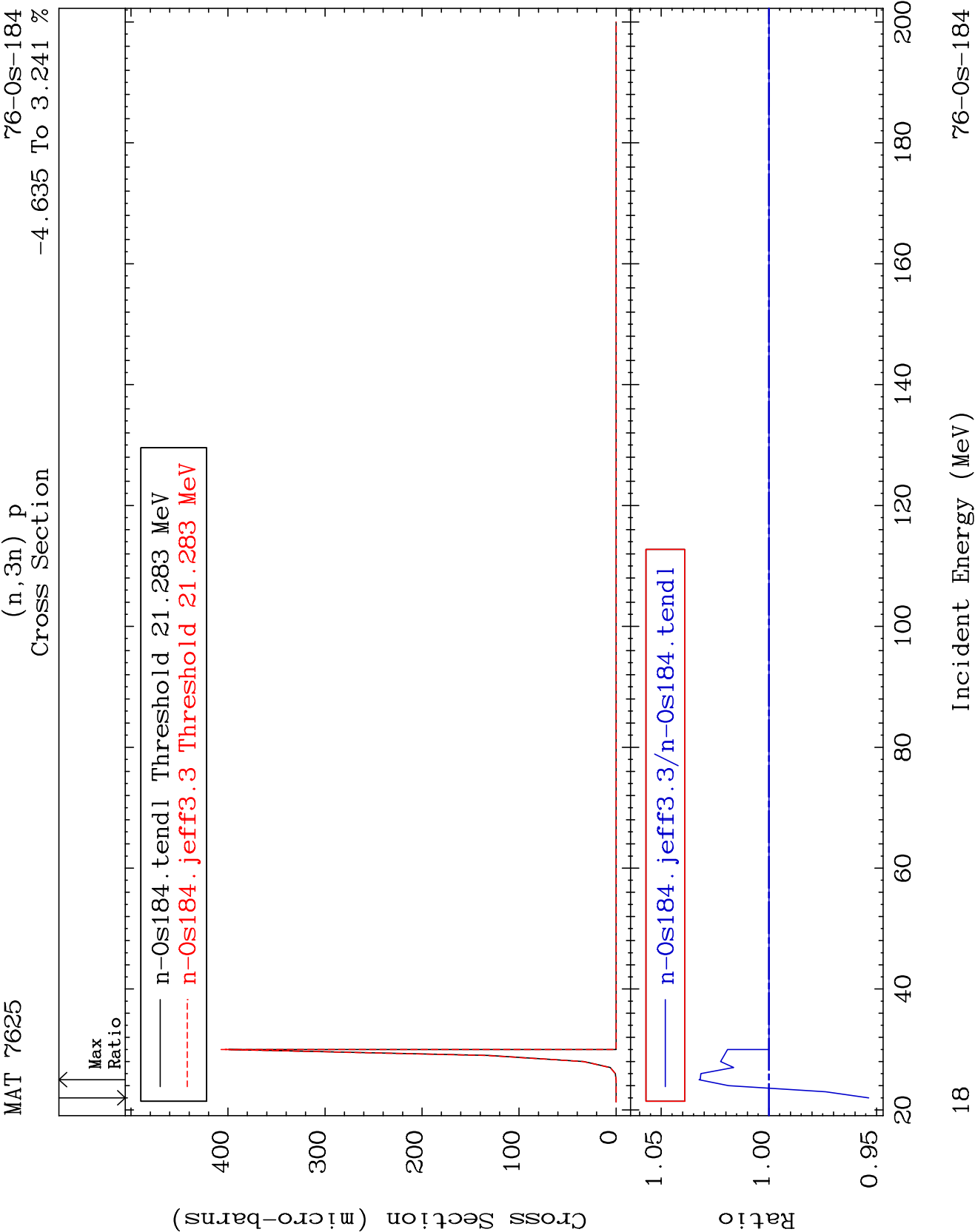
MAT 7625

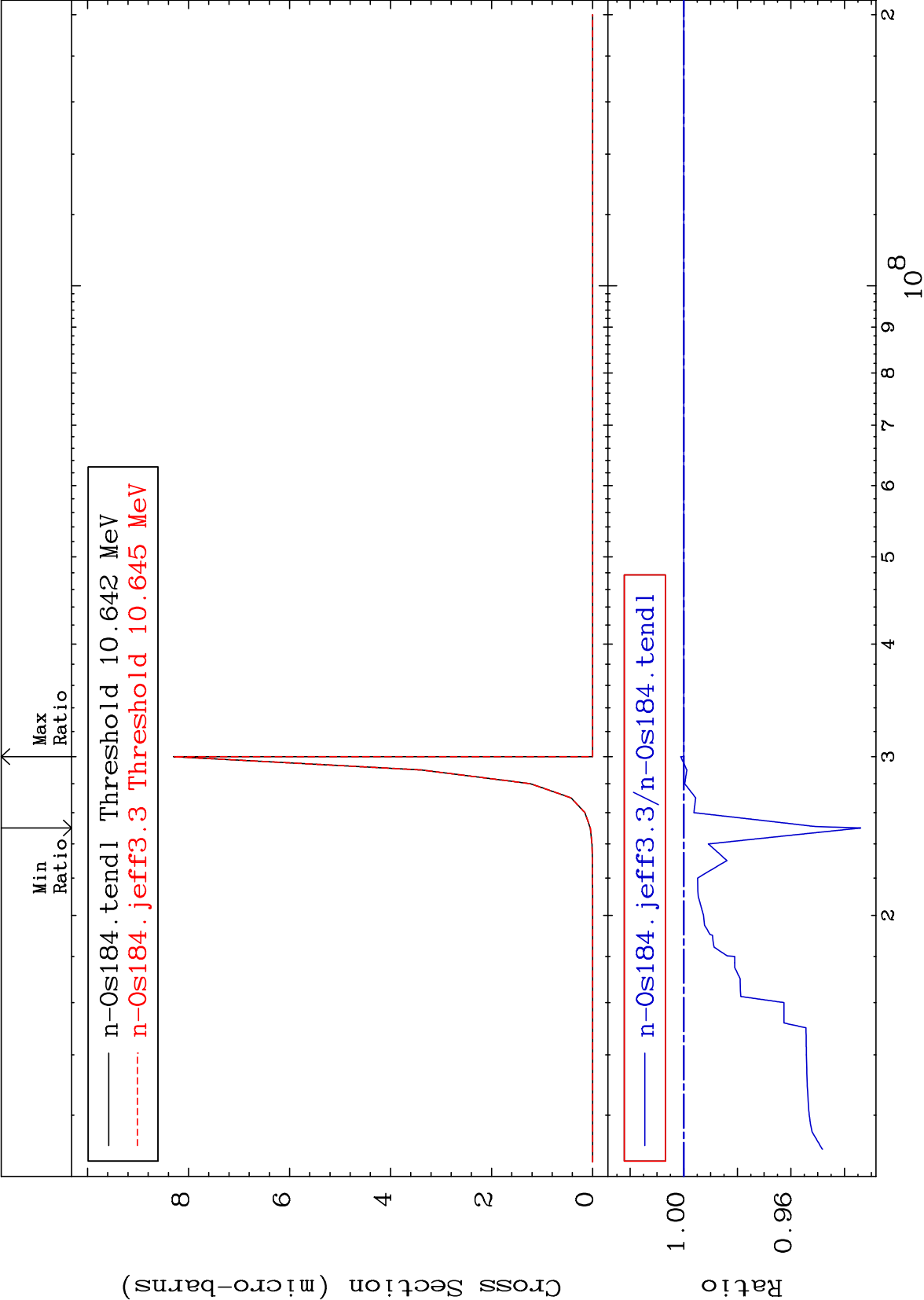
(n,4n)
Cross Section

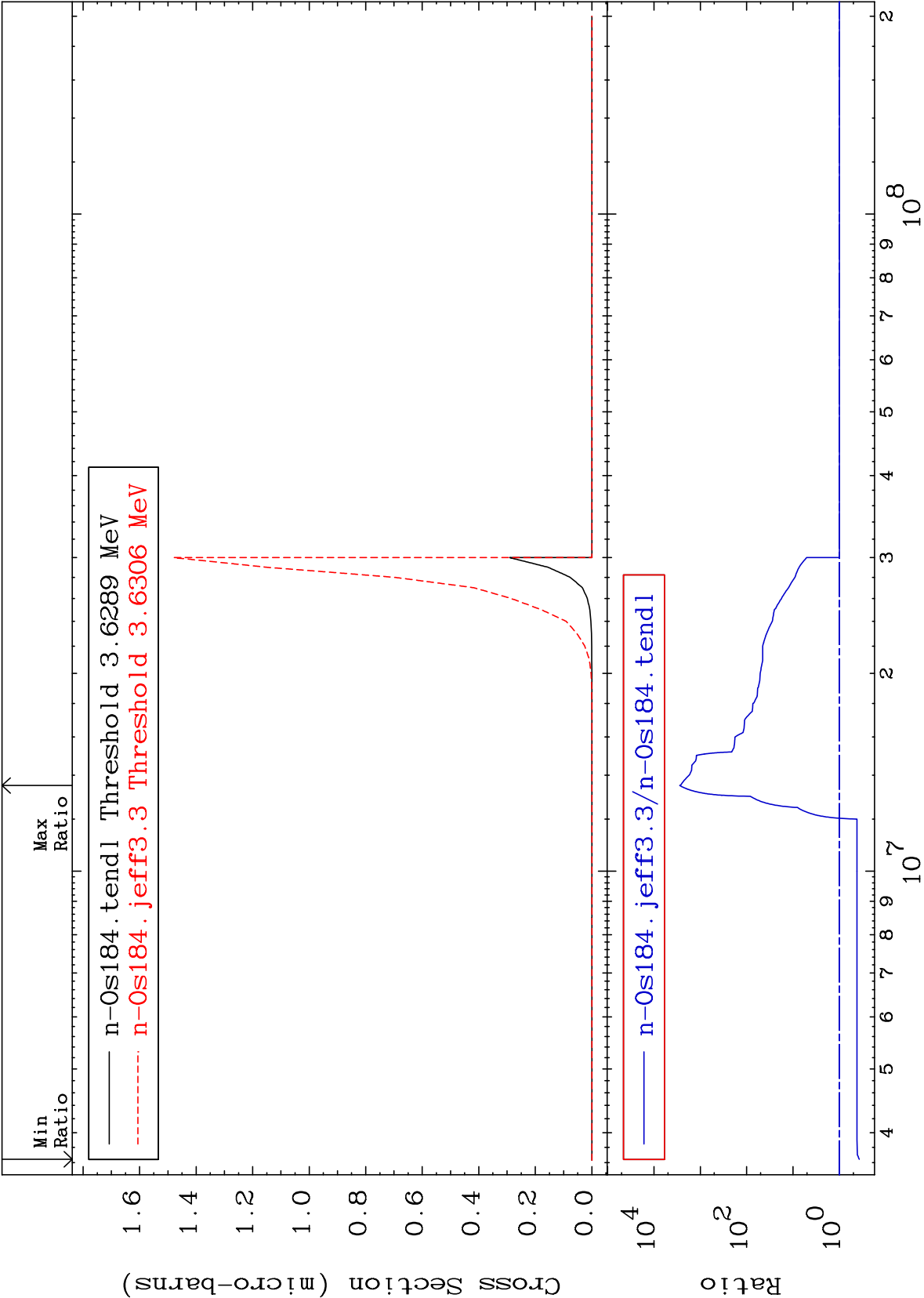
⁷⁶Os-184
-2.318 To 5.315 %

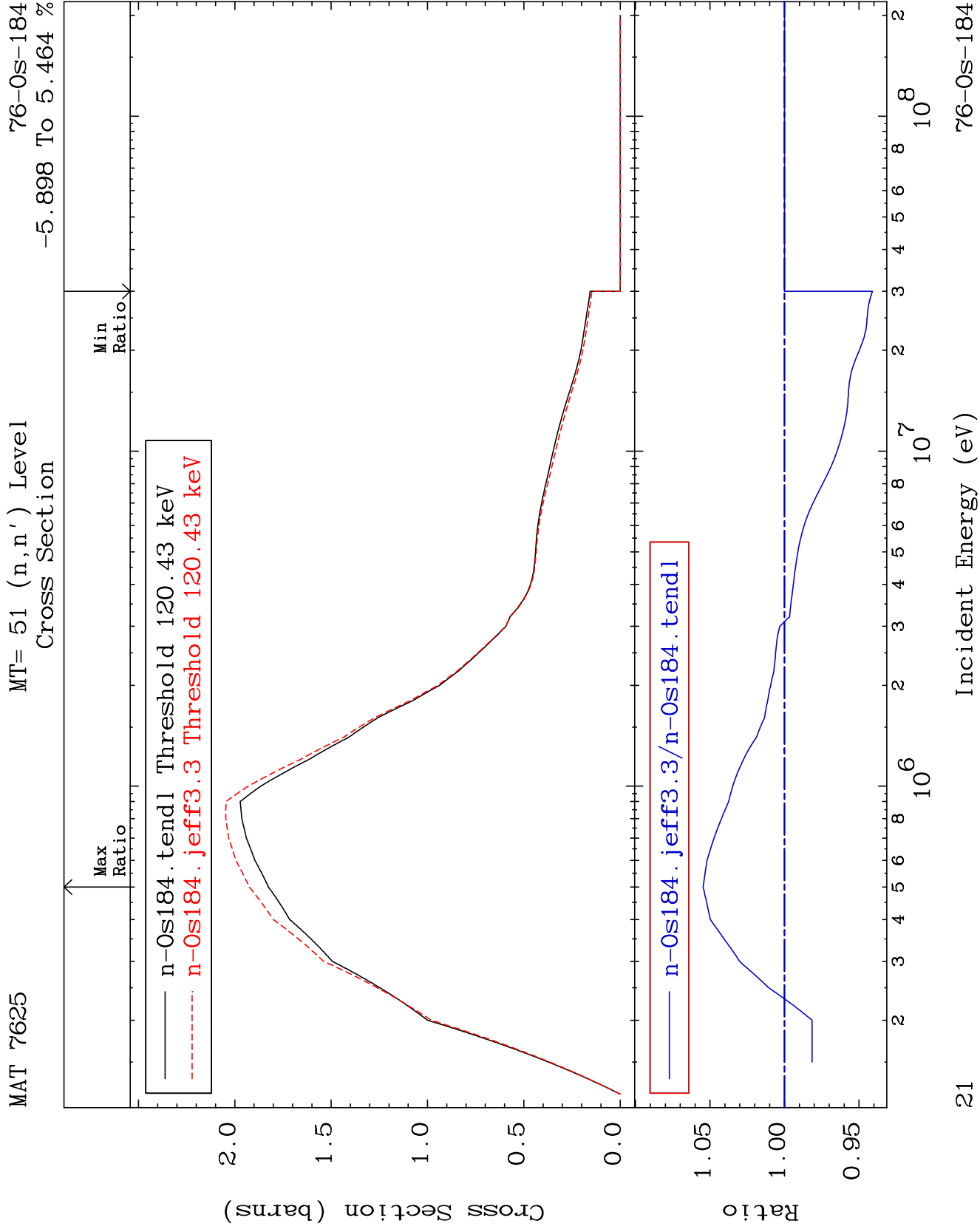


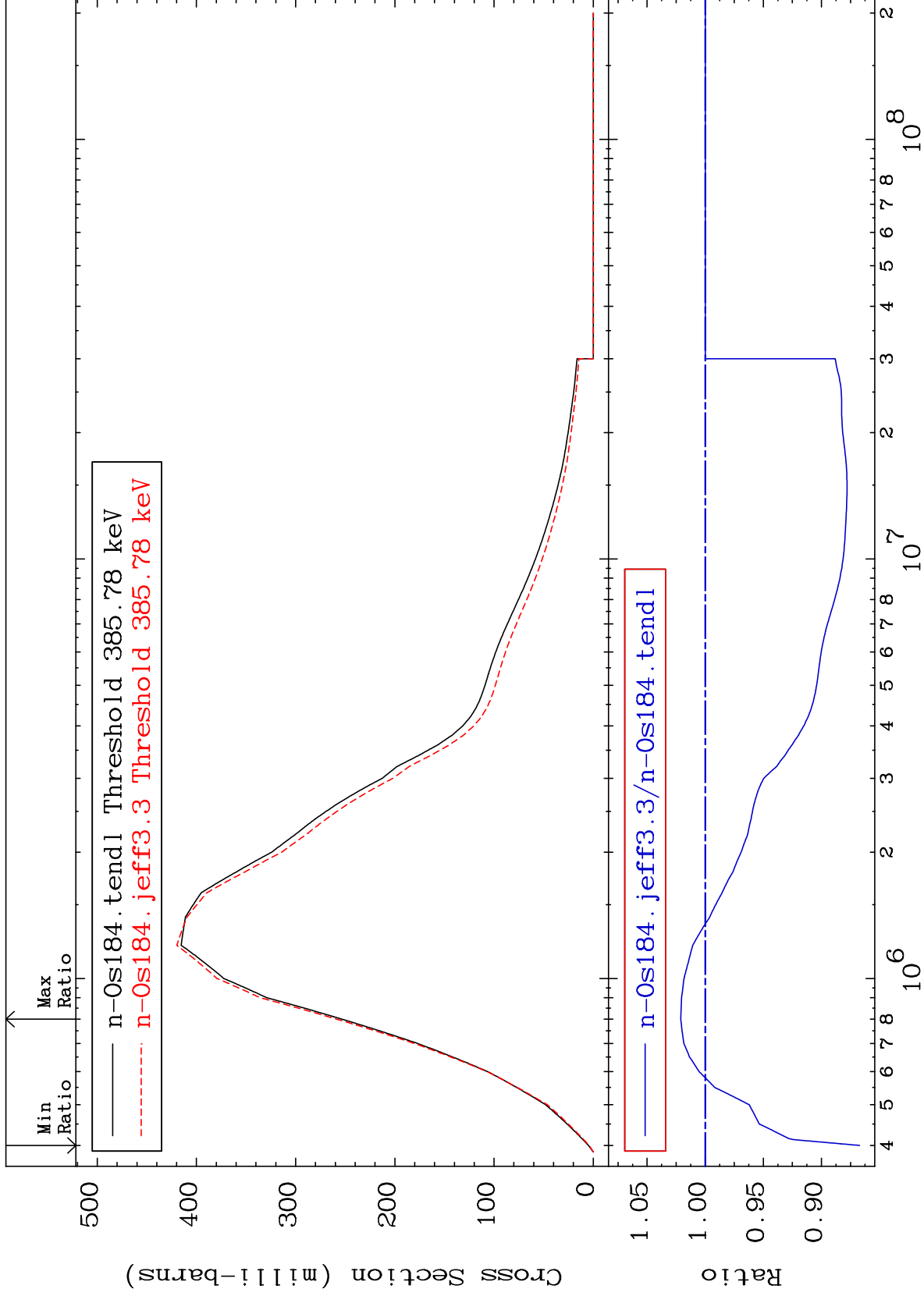












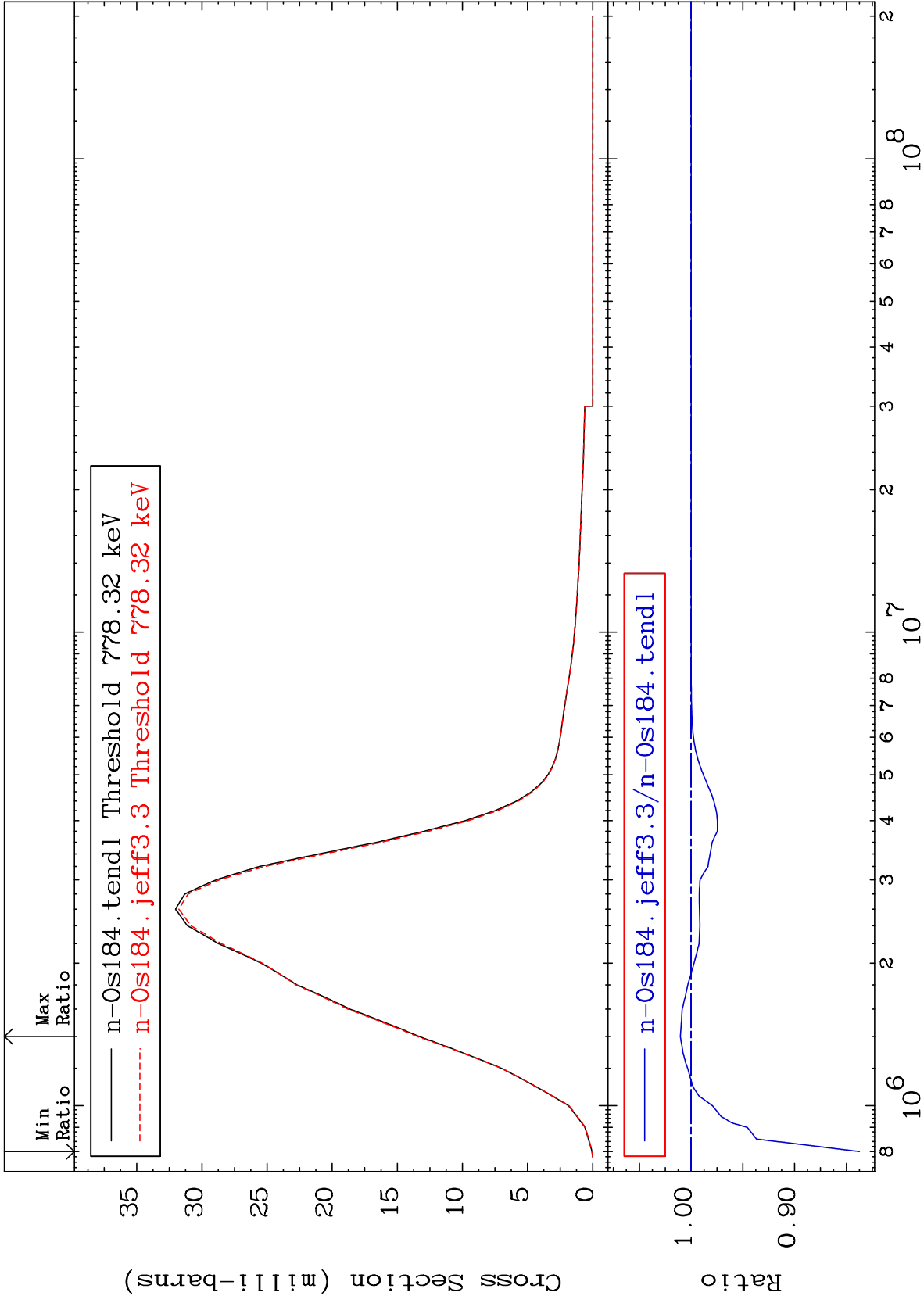
MAT 7625

MT= 53 (n,n') Level

⁷⁶Os-184

-16.26 To 1.038 %

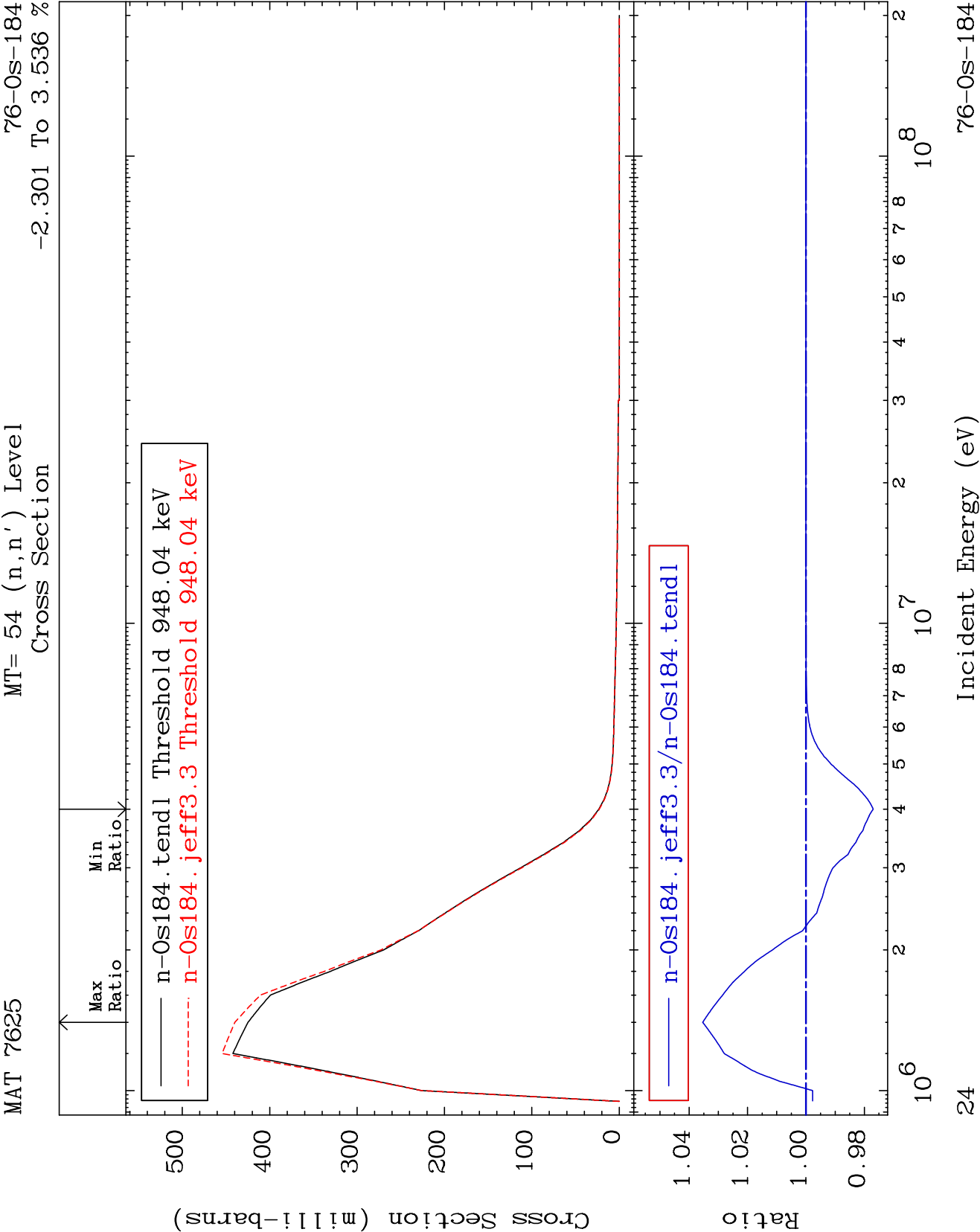
Cross Section



23

Incident Energy (eV)

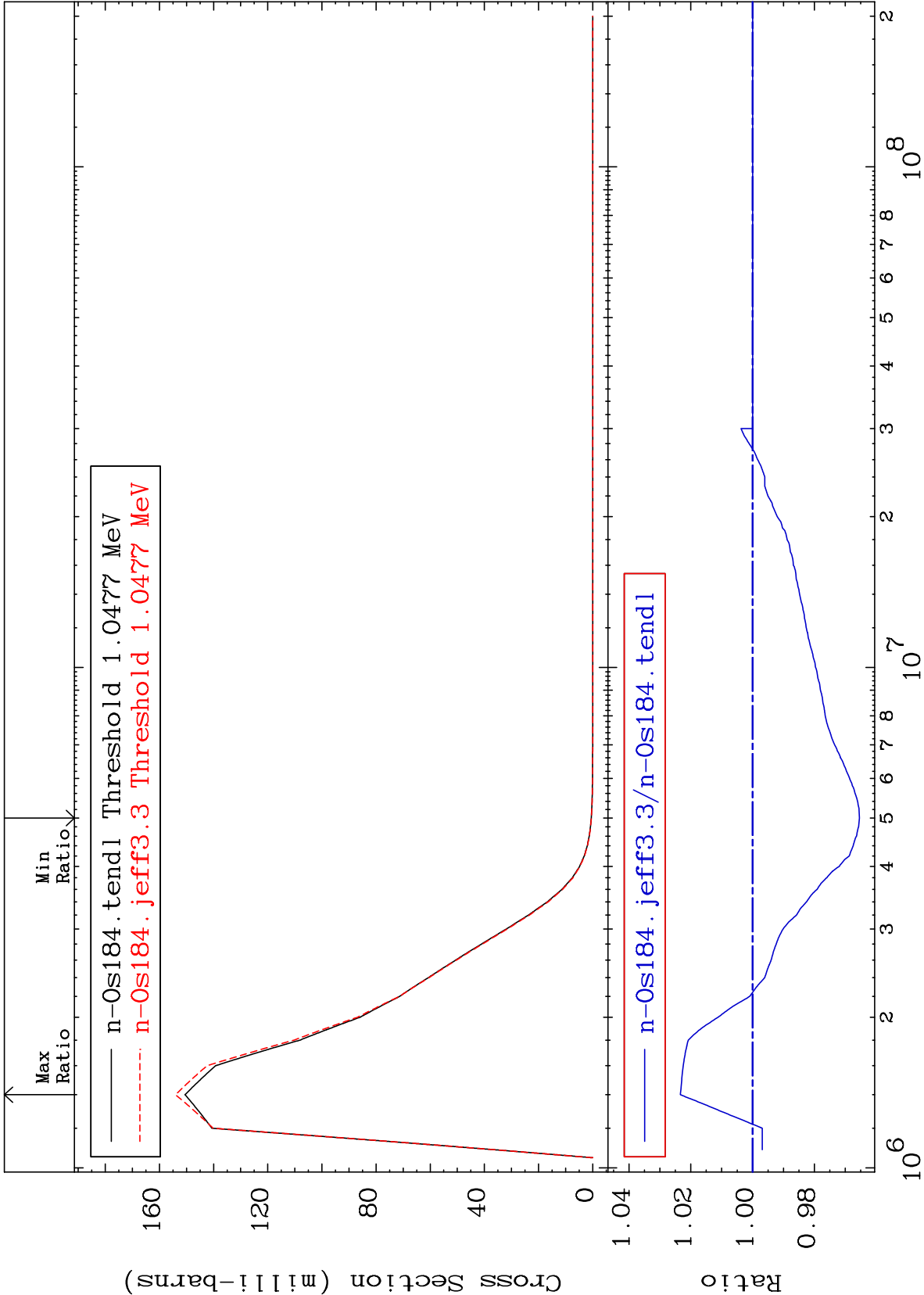
⁷⁶Os-184



MAT 7625

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

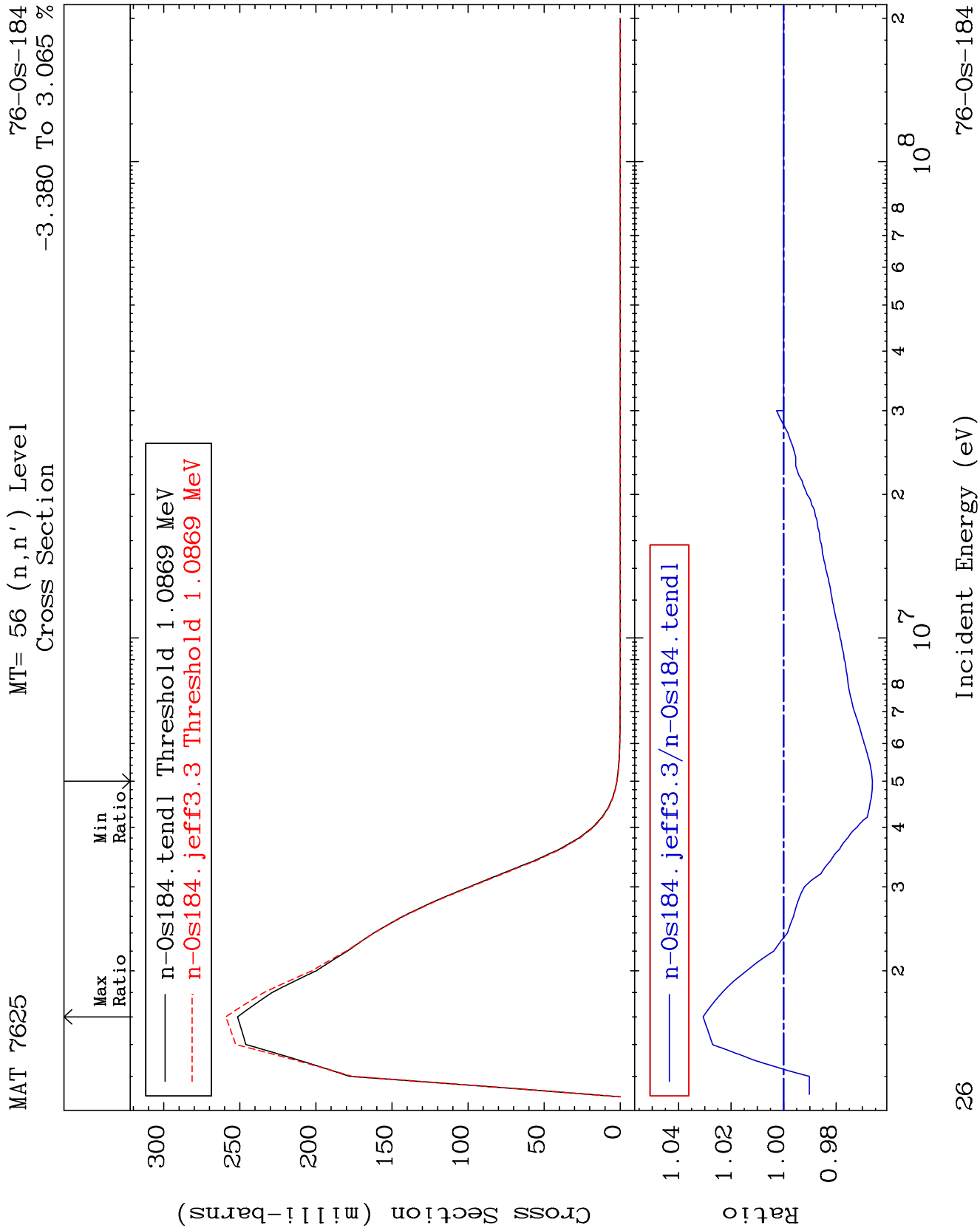
⁷⁶Os-184
-3.456 To 2.337 %

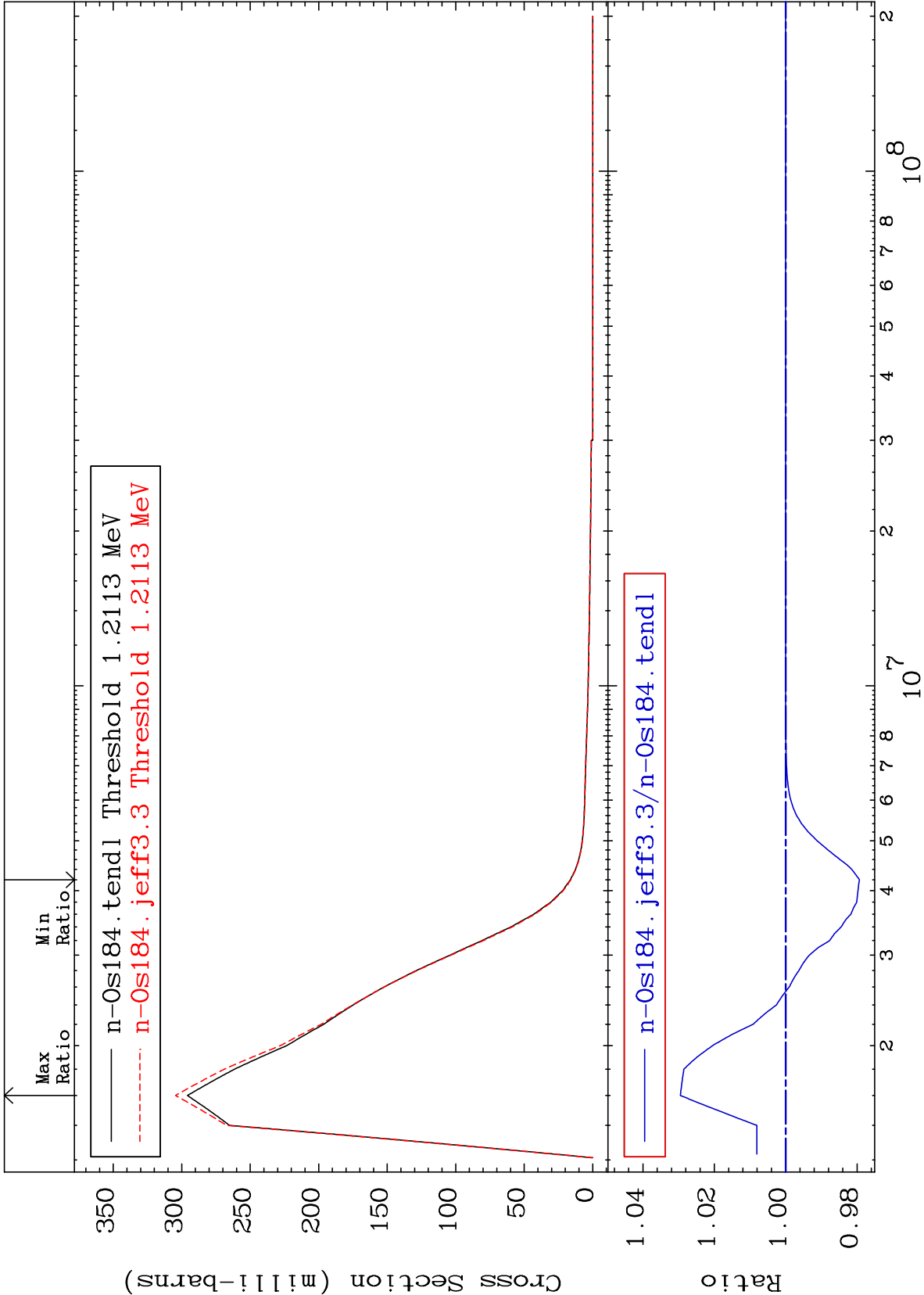


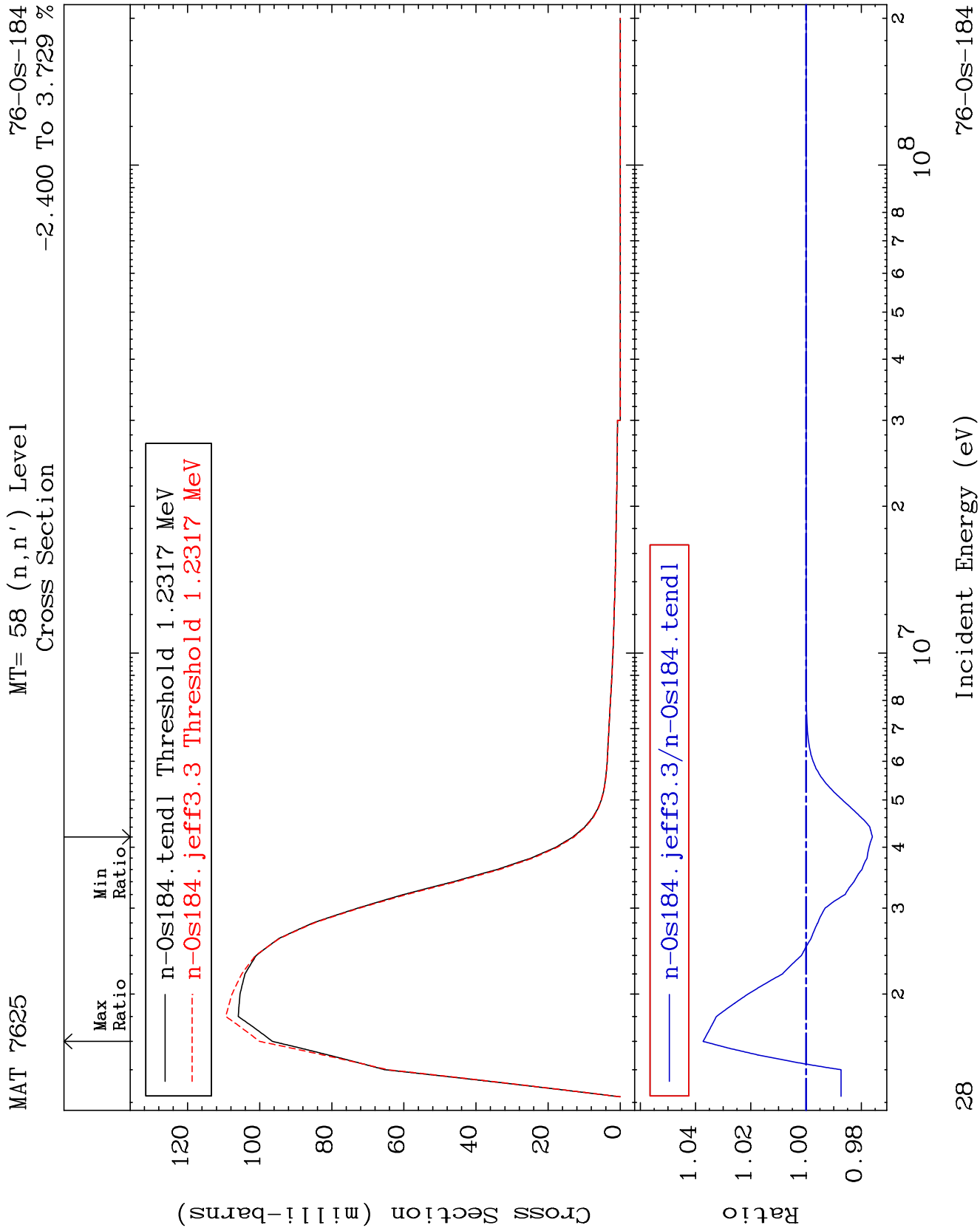
Incident Energy (eV)

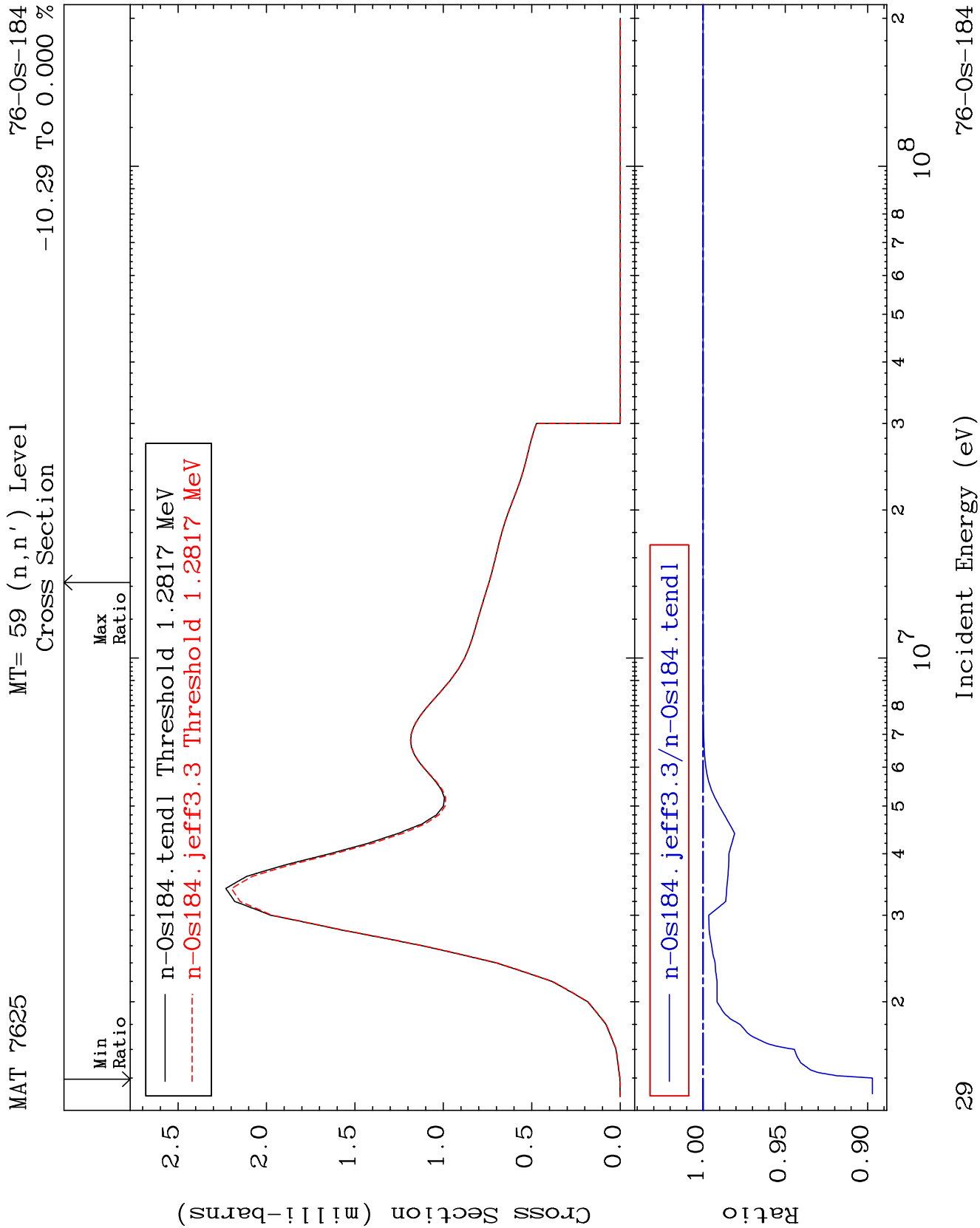
25

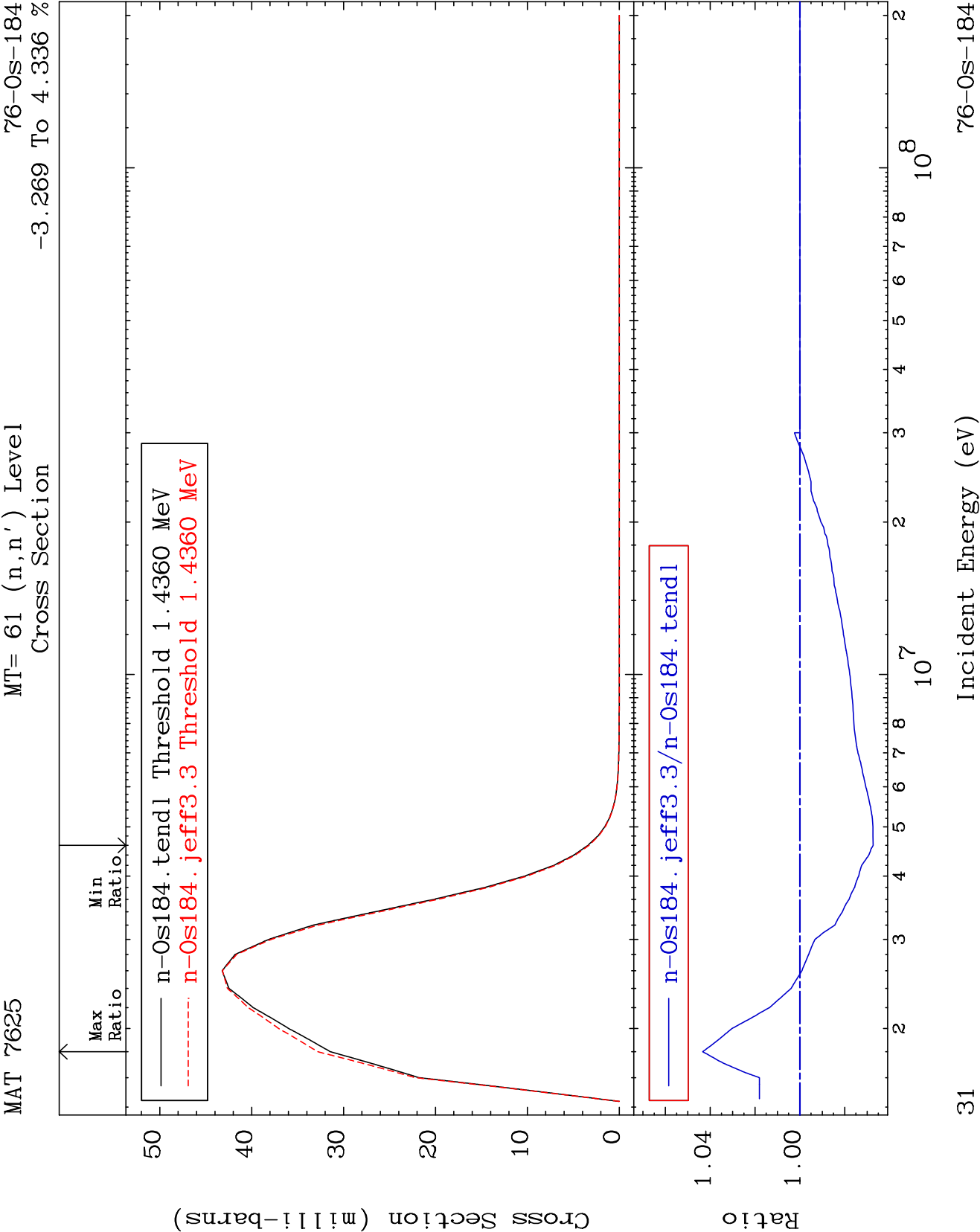
⁷⁶Os-184

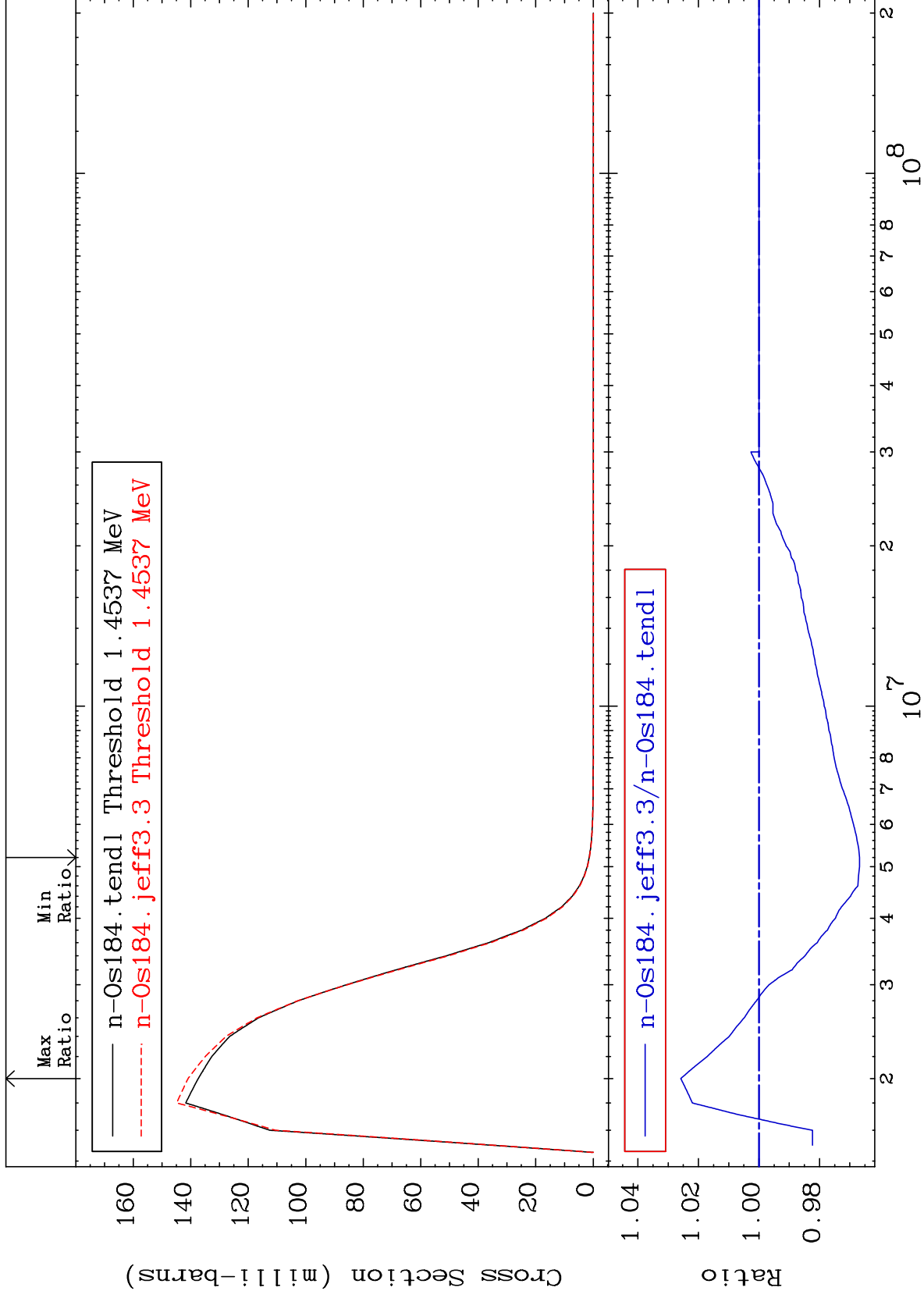


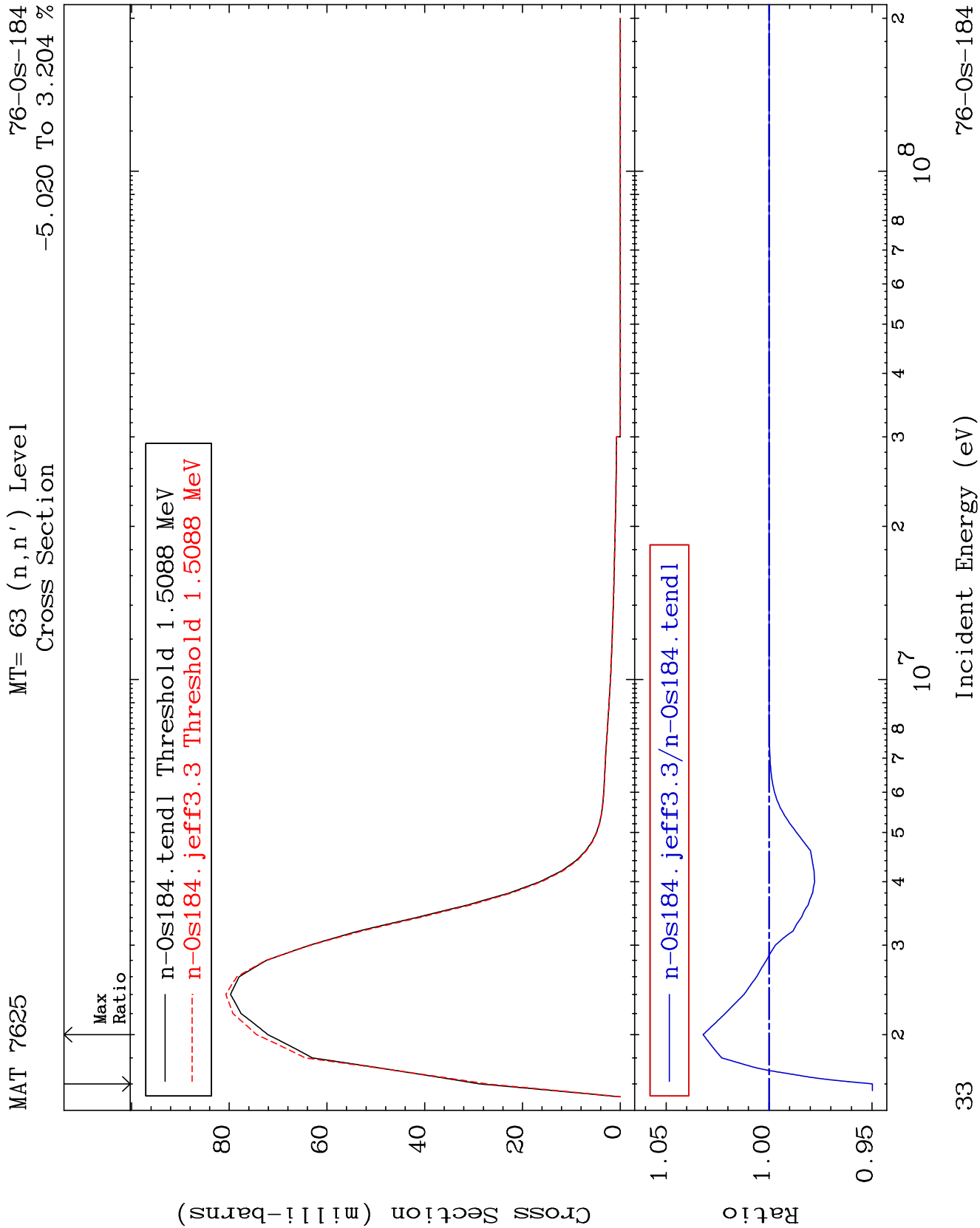


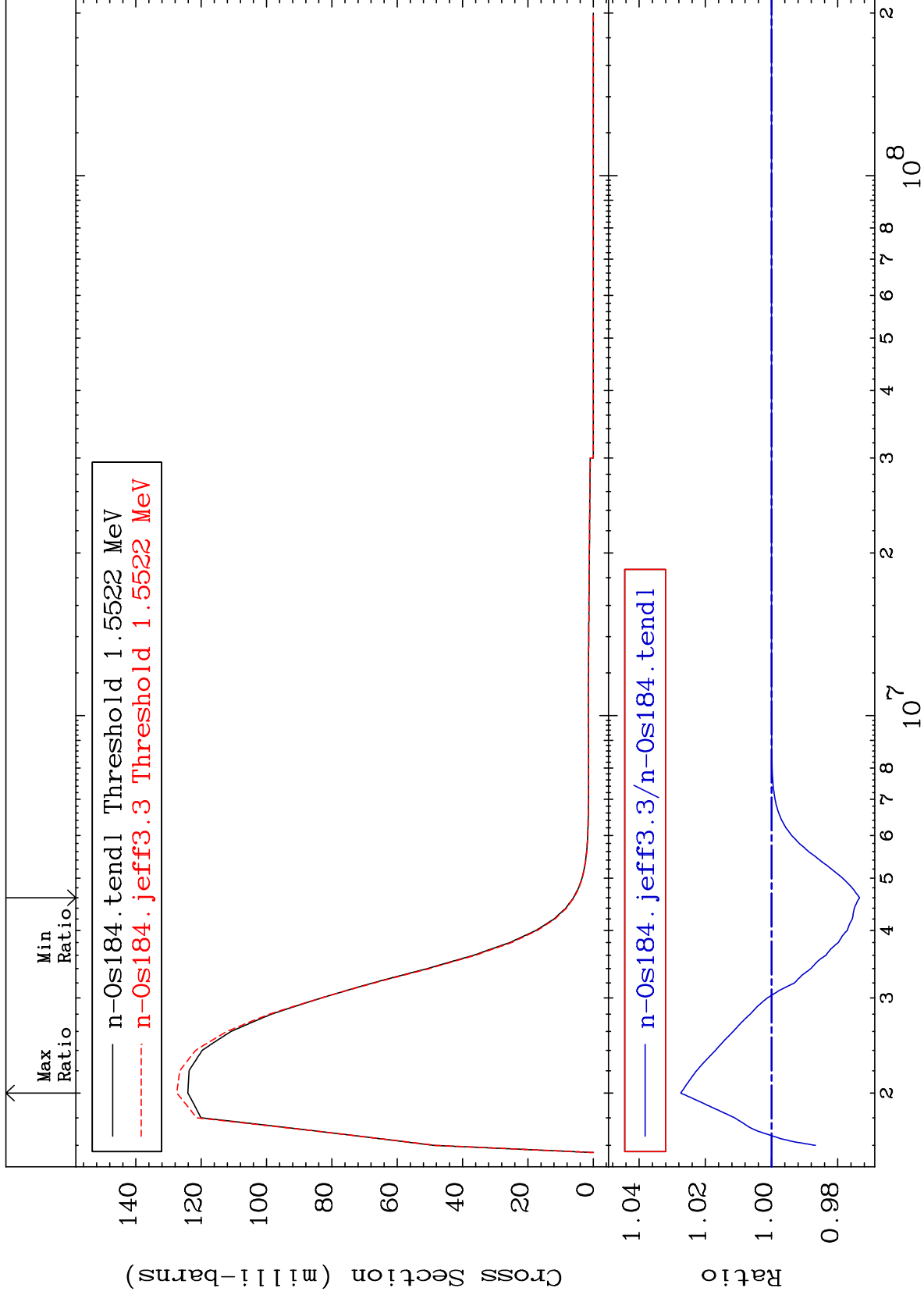


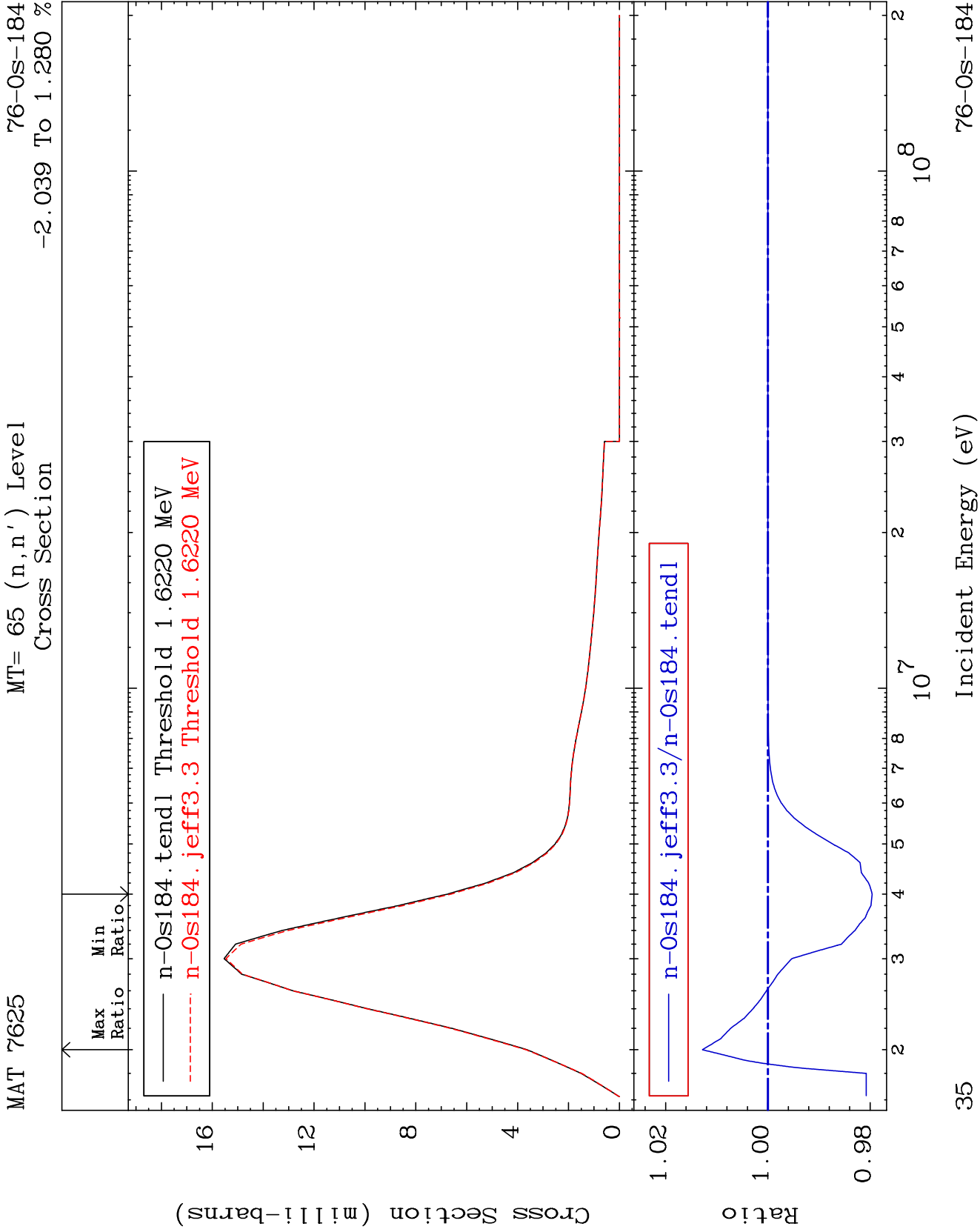


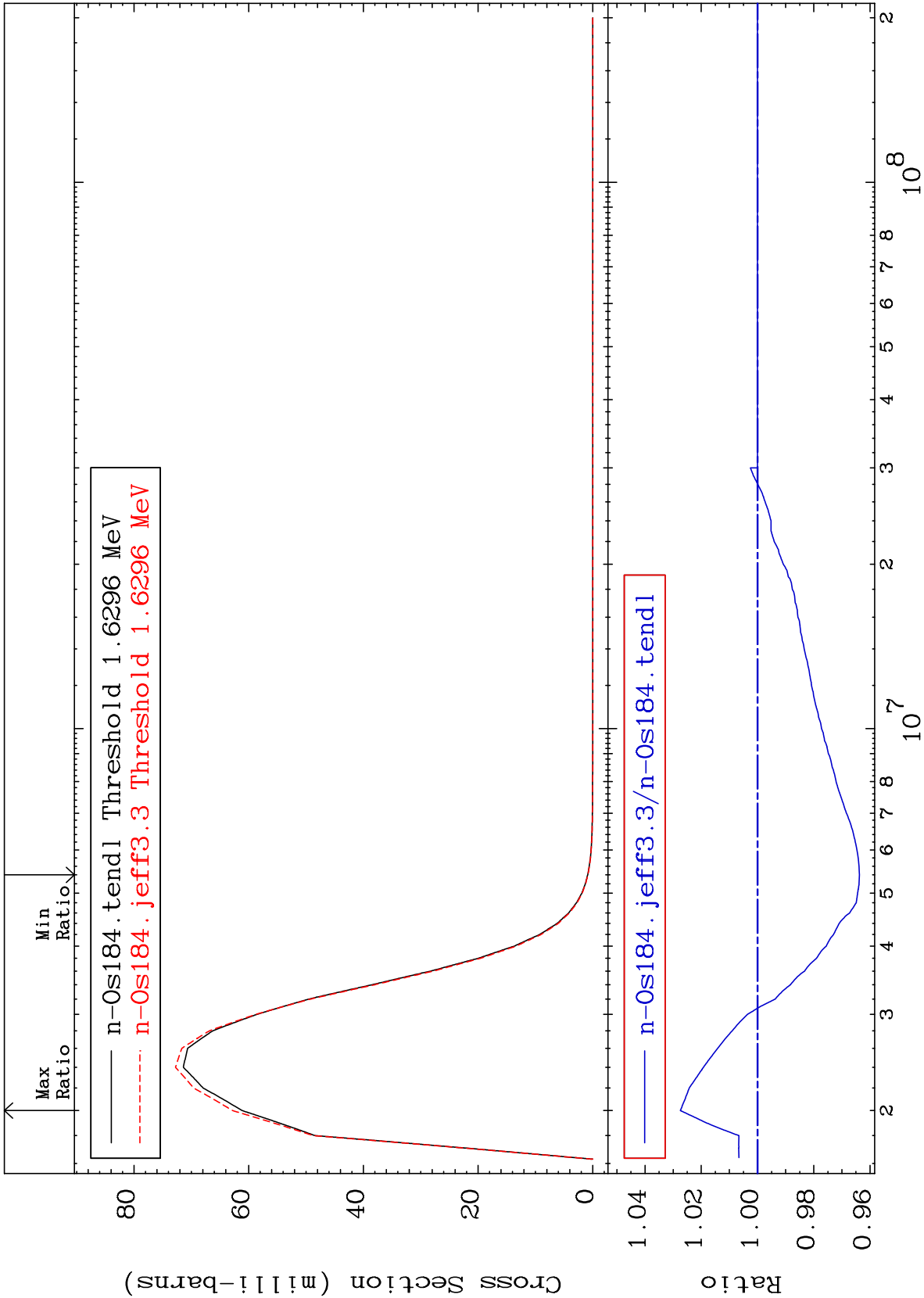








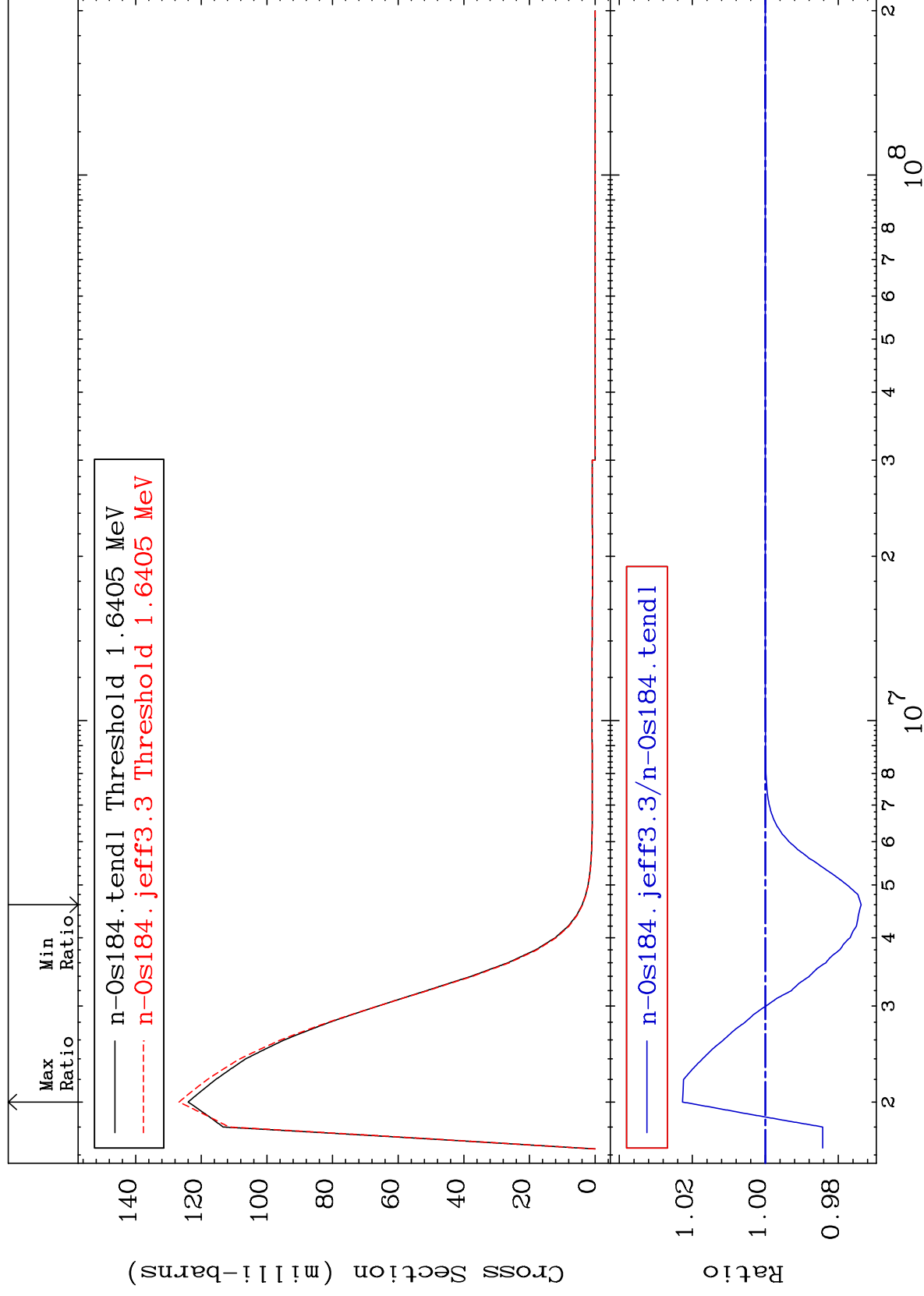




MAT 7625

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

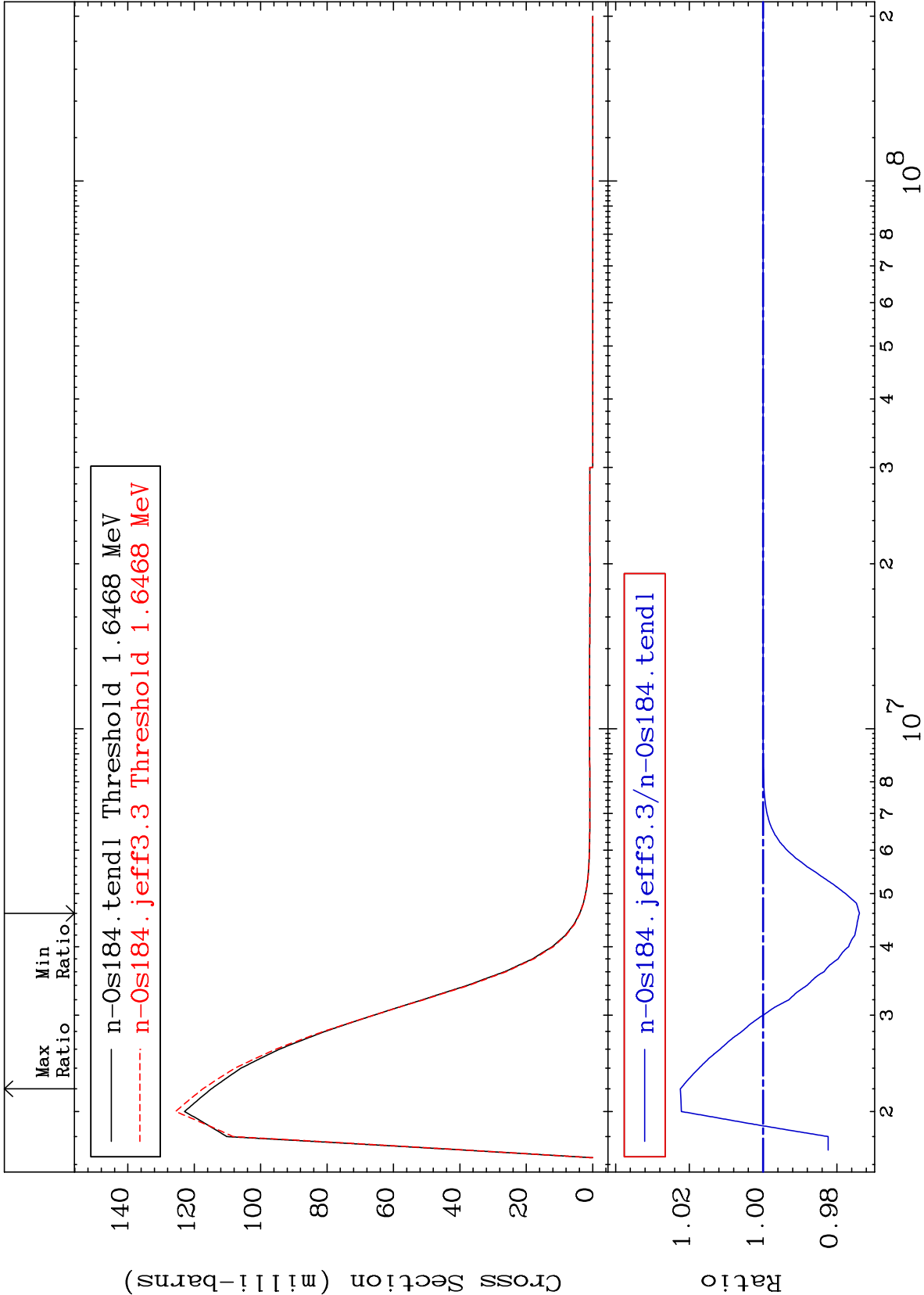
76-0s-184
-2.624 To 2.269 %

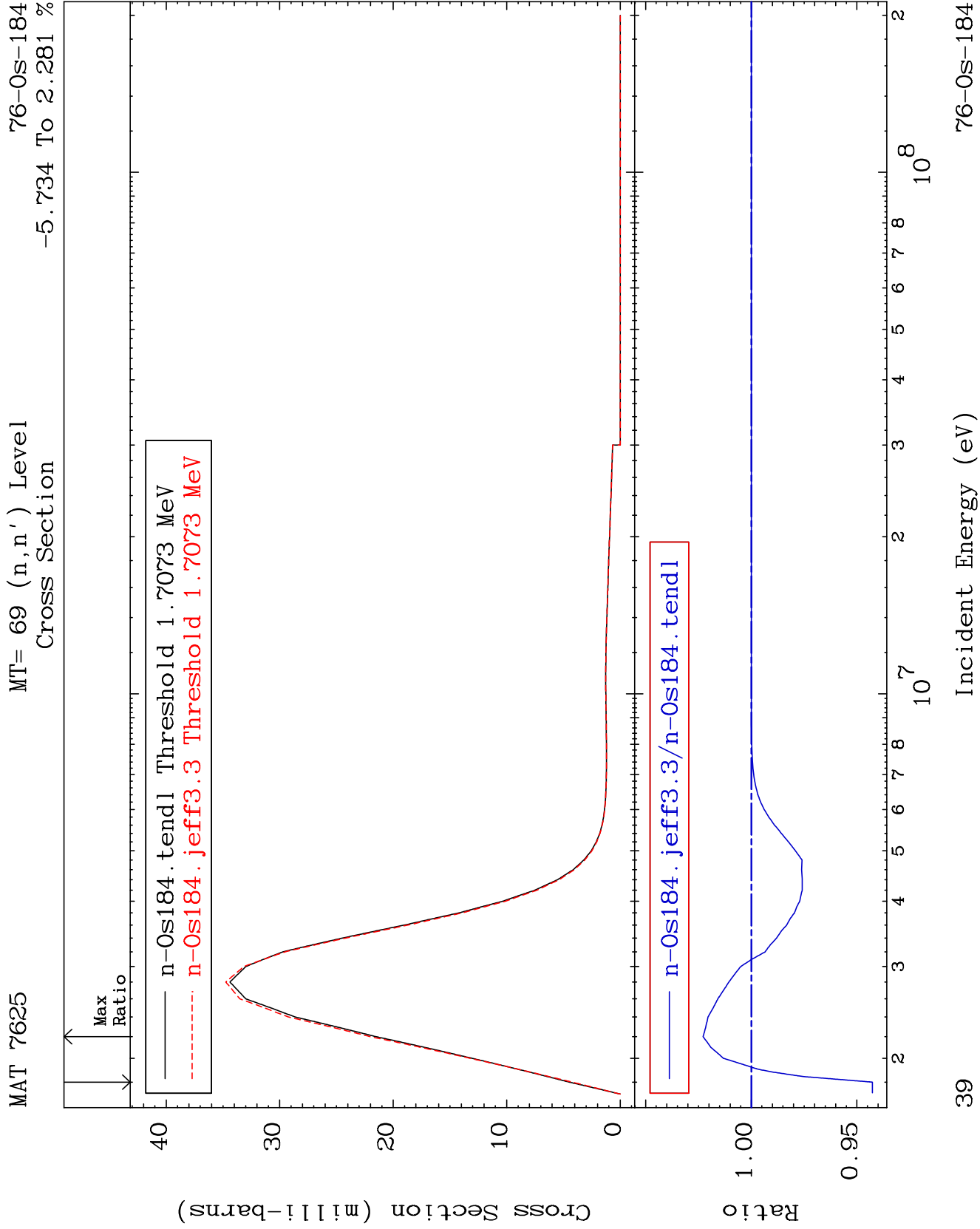


37

Incident Energy (eV)

76-0s-184

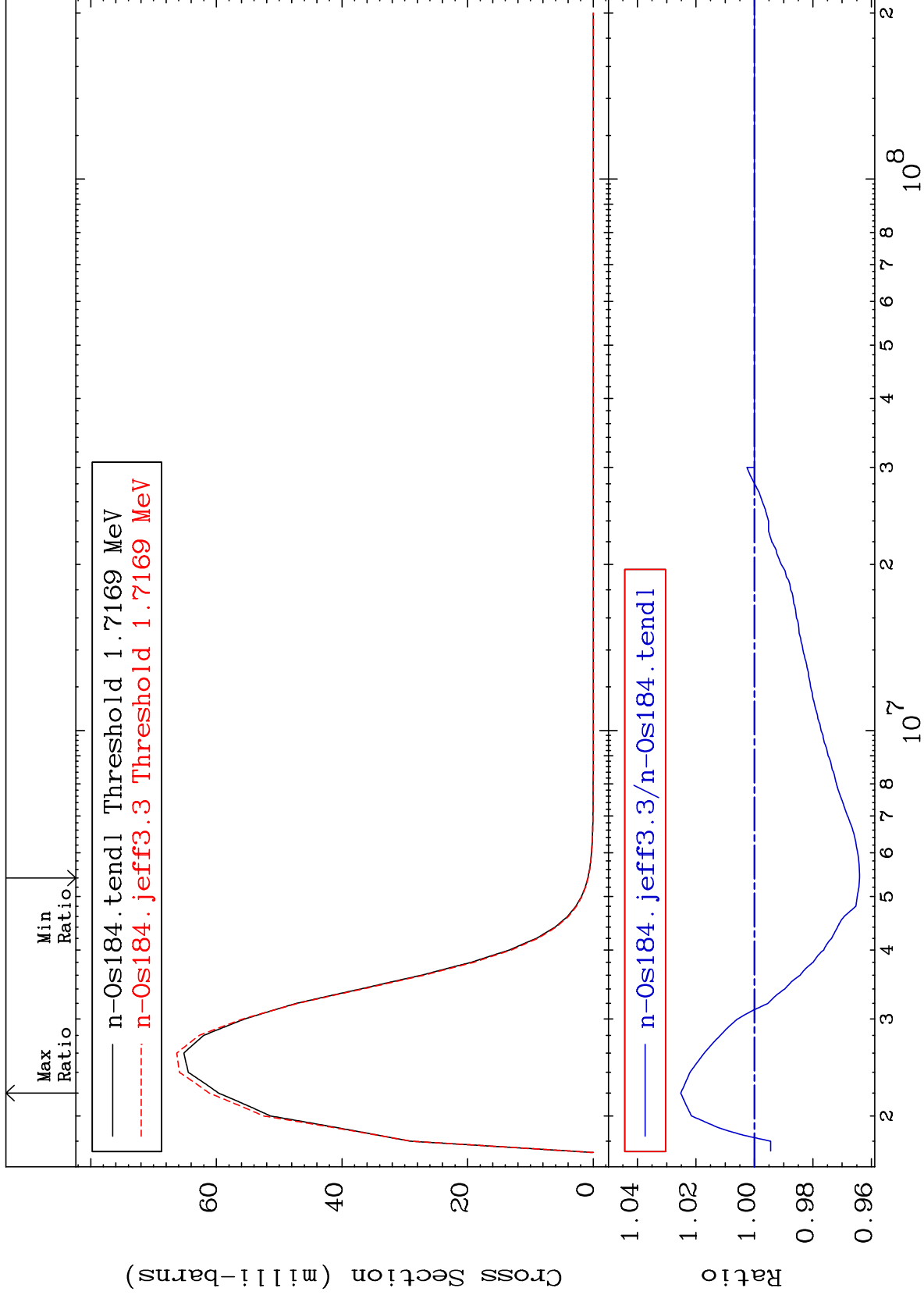




MAT 7625

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

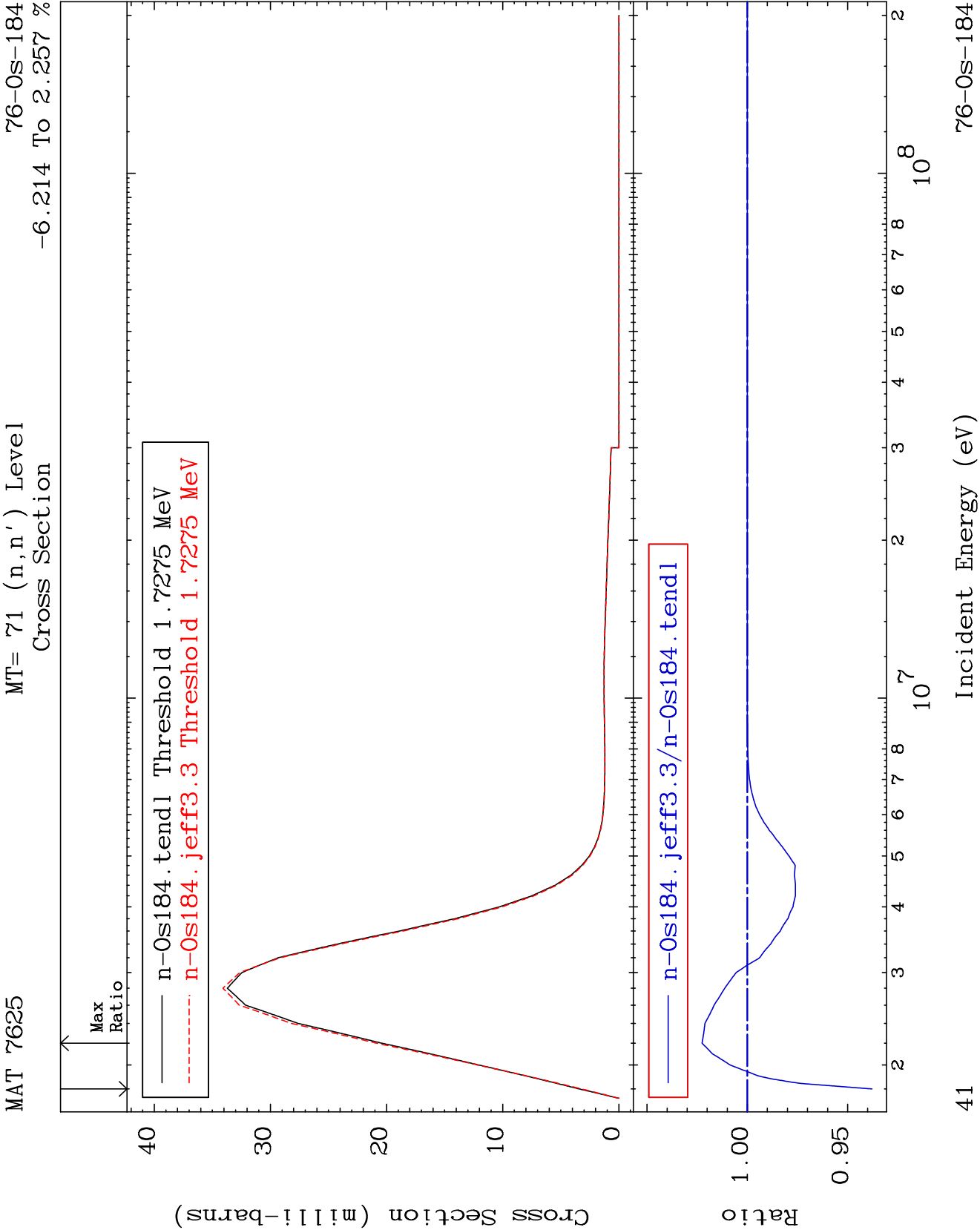
⁷⁶Os-¹⁸⁴
-3.595 To 2.519 %



40

Incident Energy (eV)

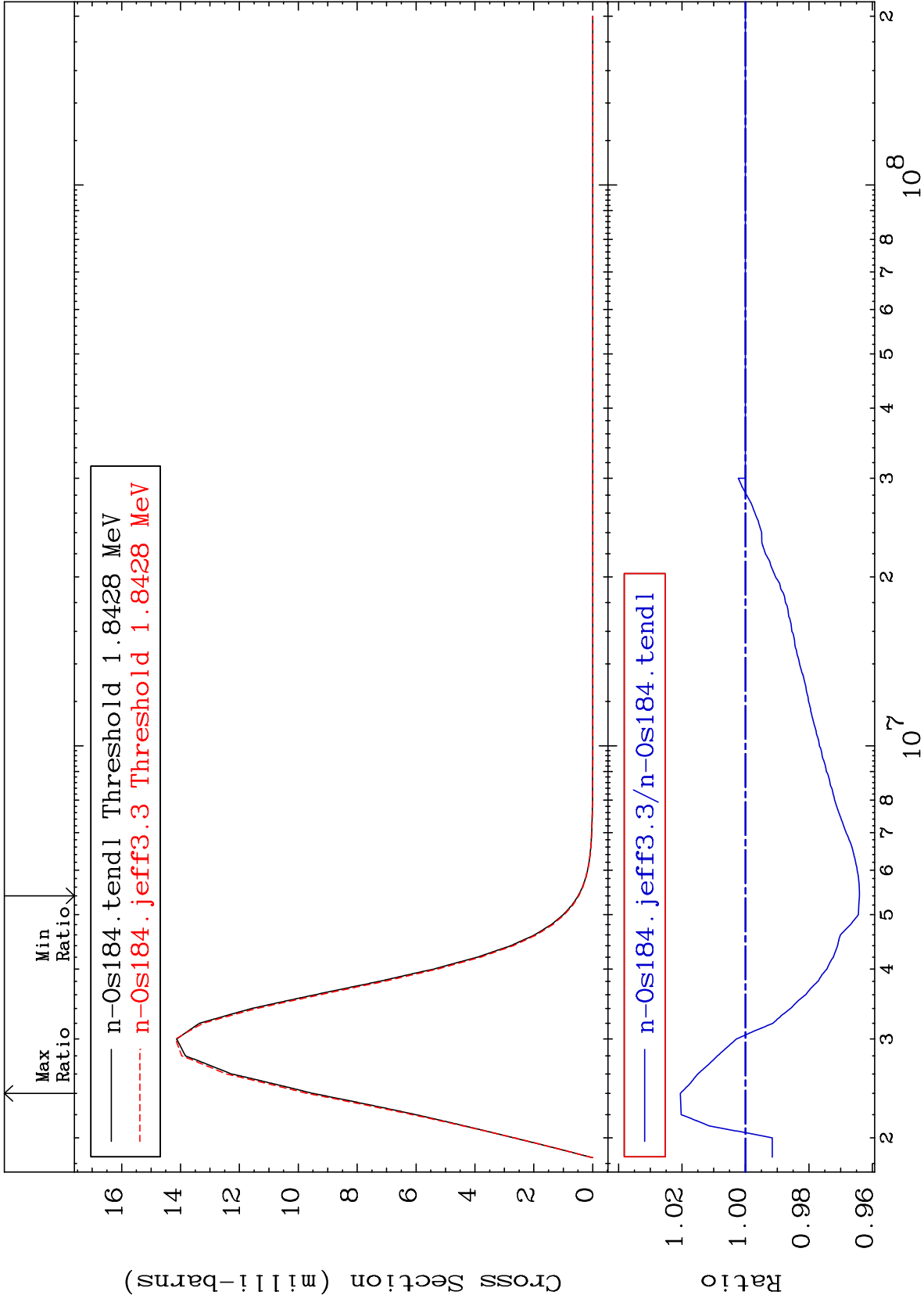
⁷⁶Os-¹⁸⁴



MAT 7625

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

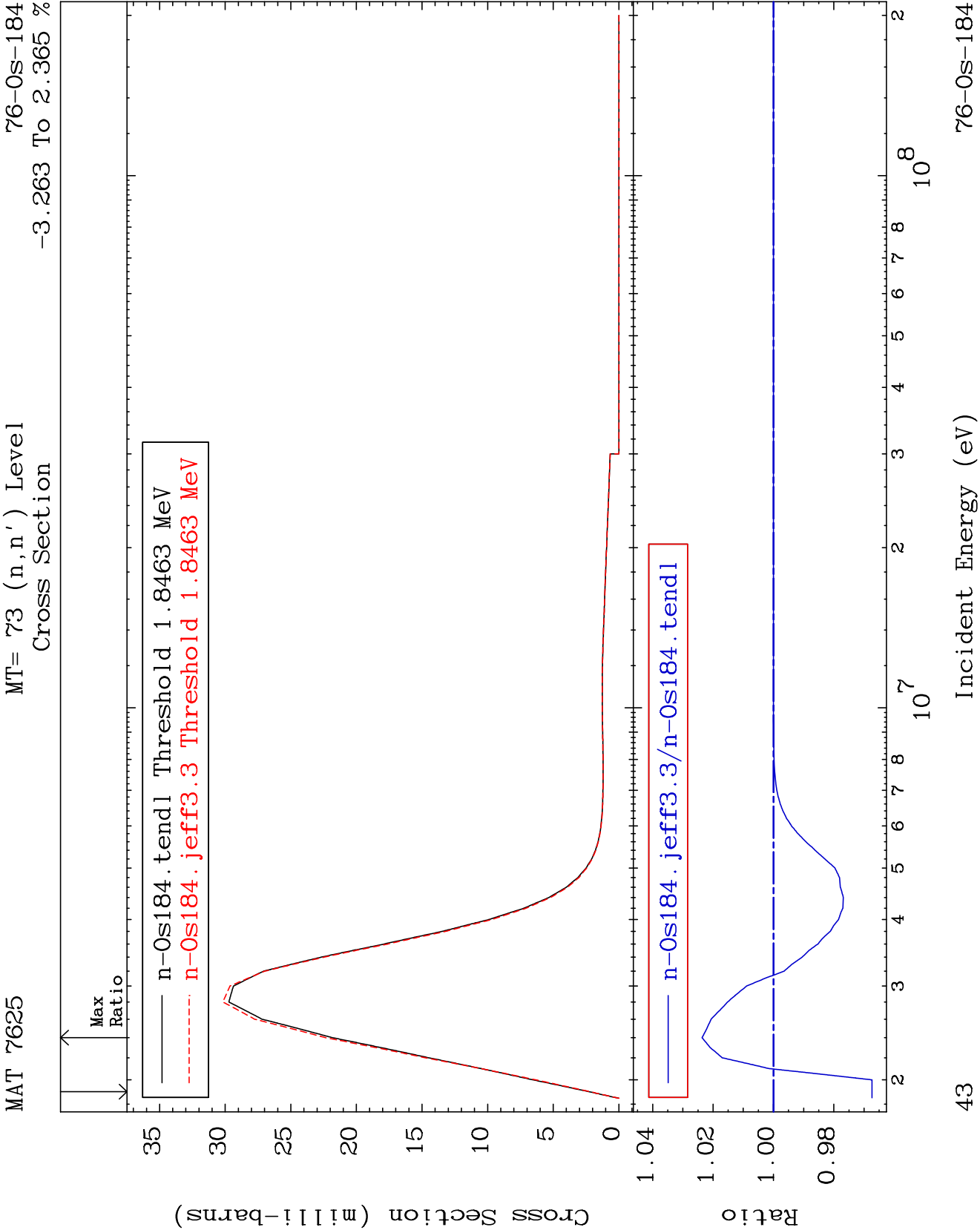
76-0s-184
-3.594 To 2.053 %

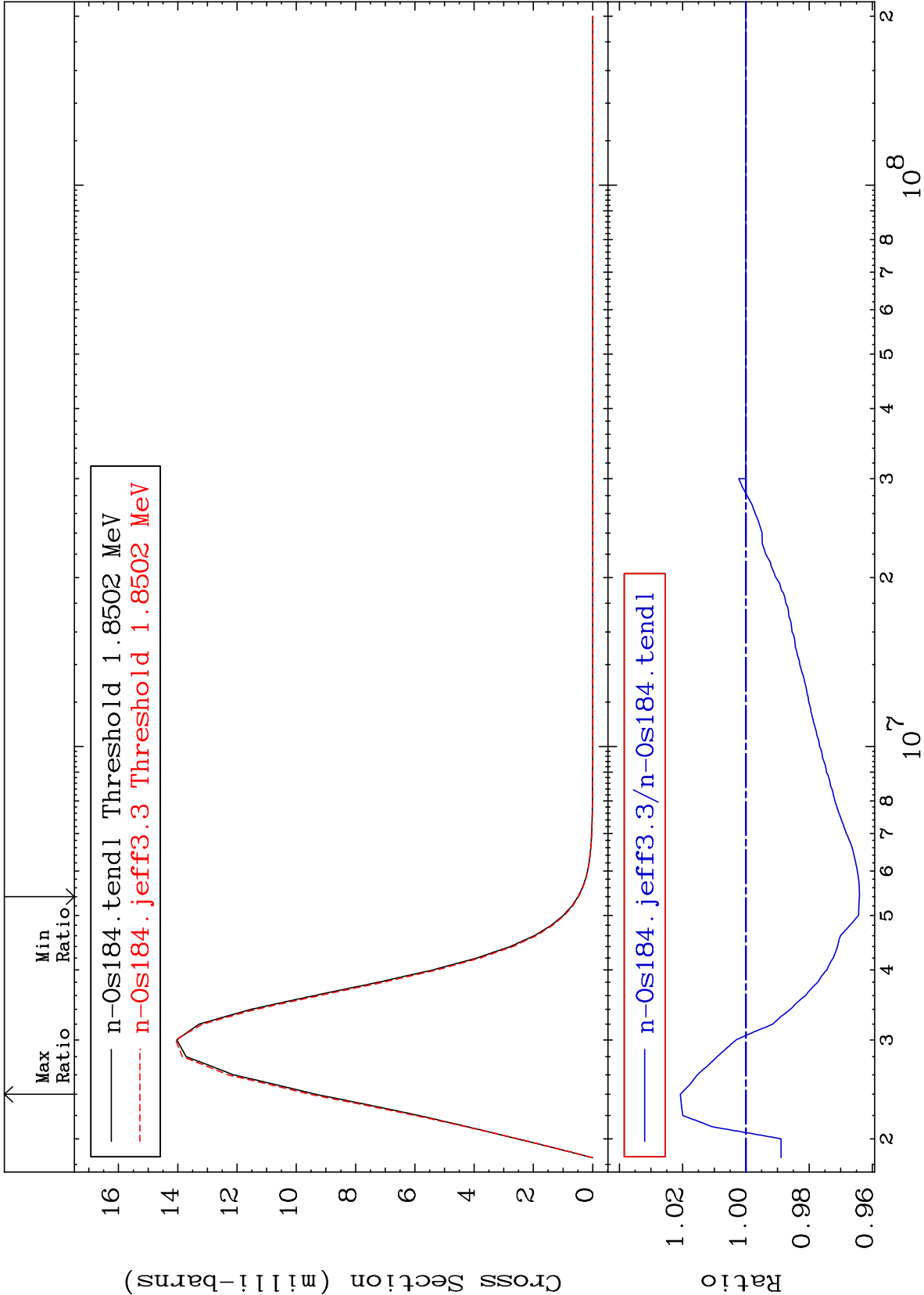


42

Incident Energy (eV)

76-0s-184

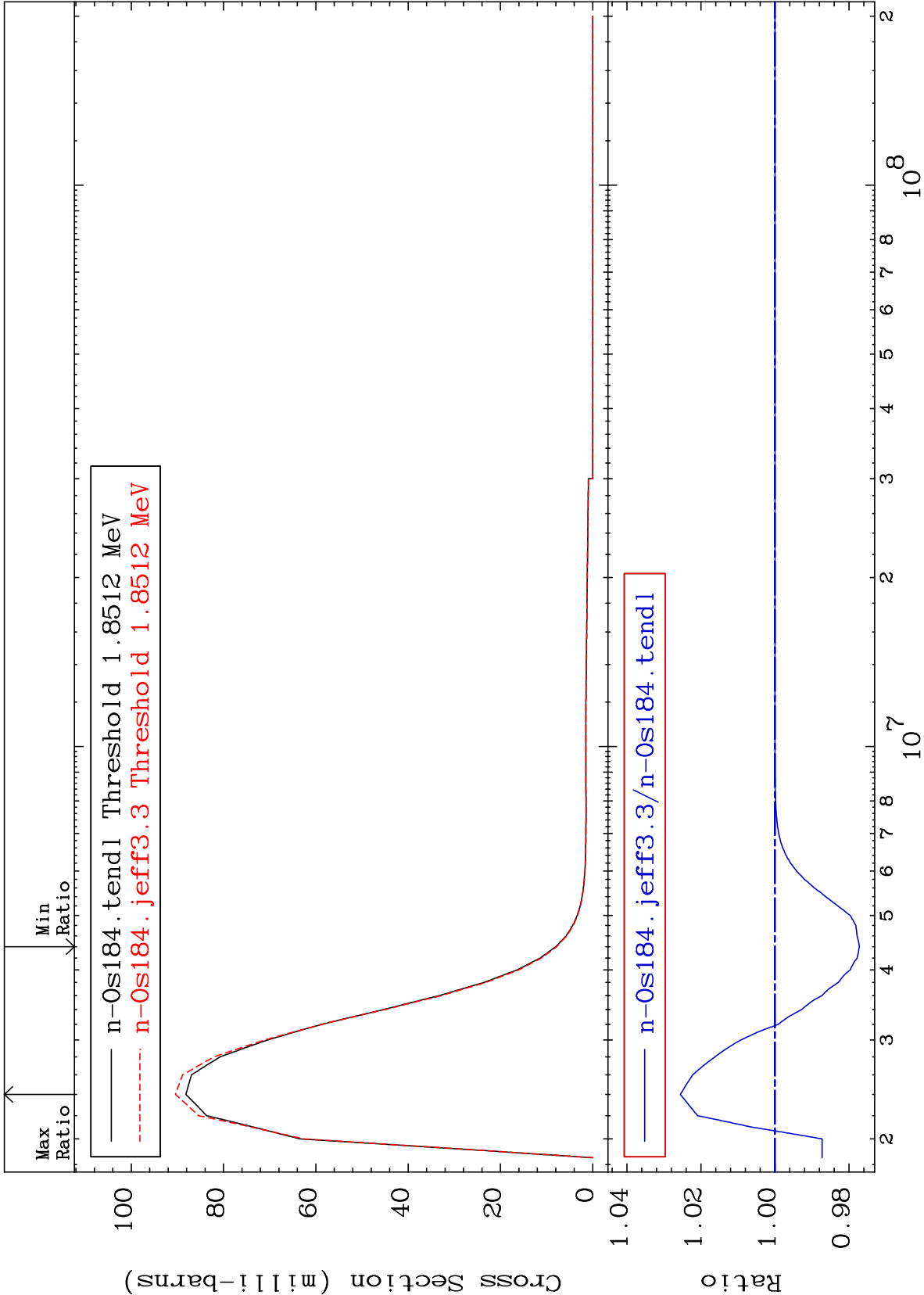




MAT 7625

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

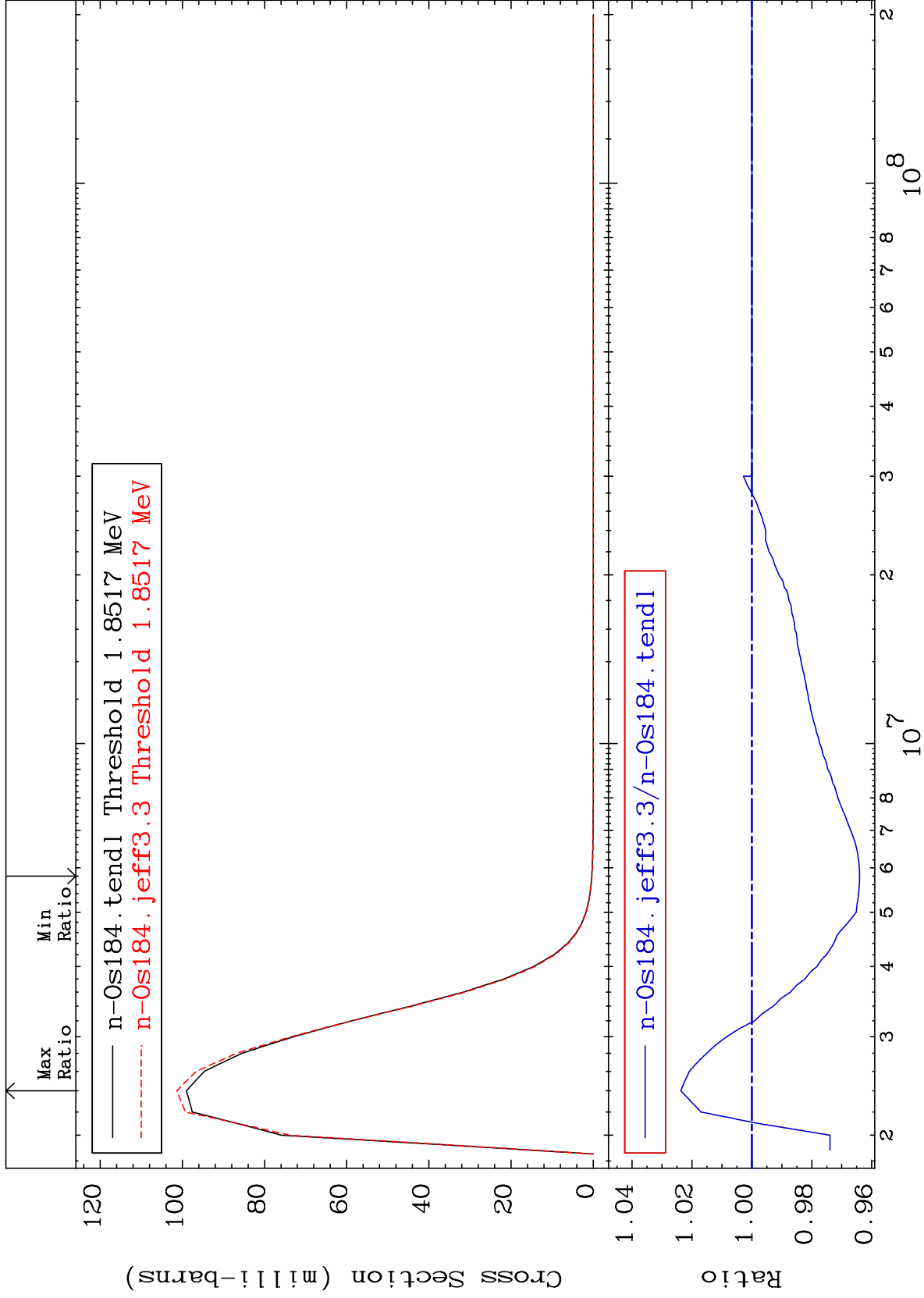
76-0s-184
-2.284 To 2.555 %

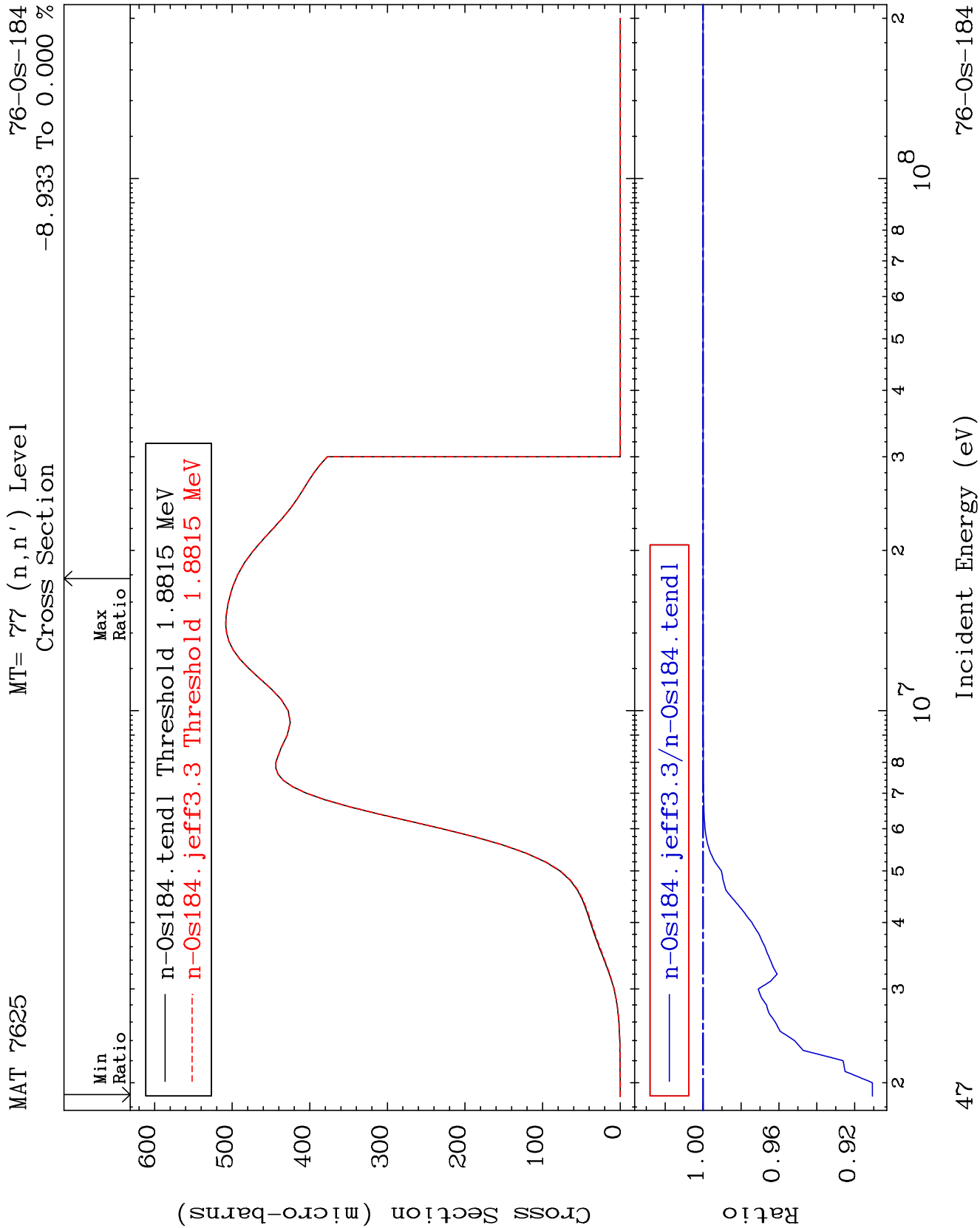


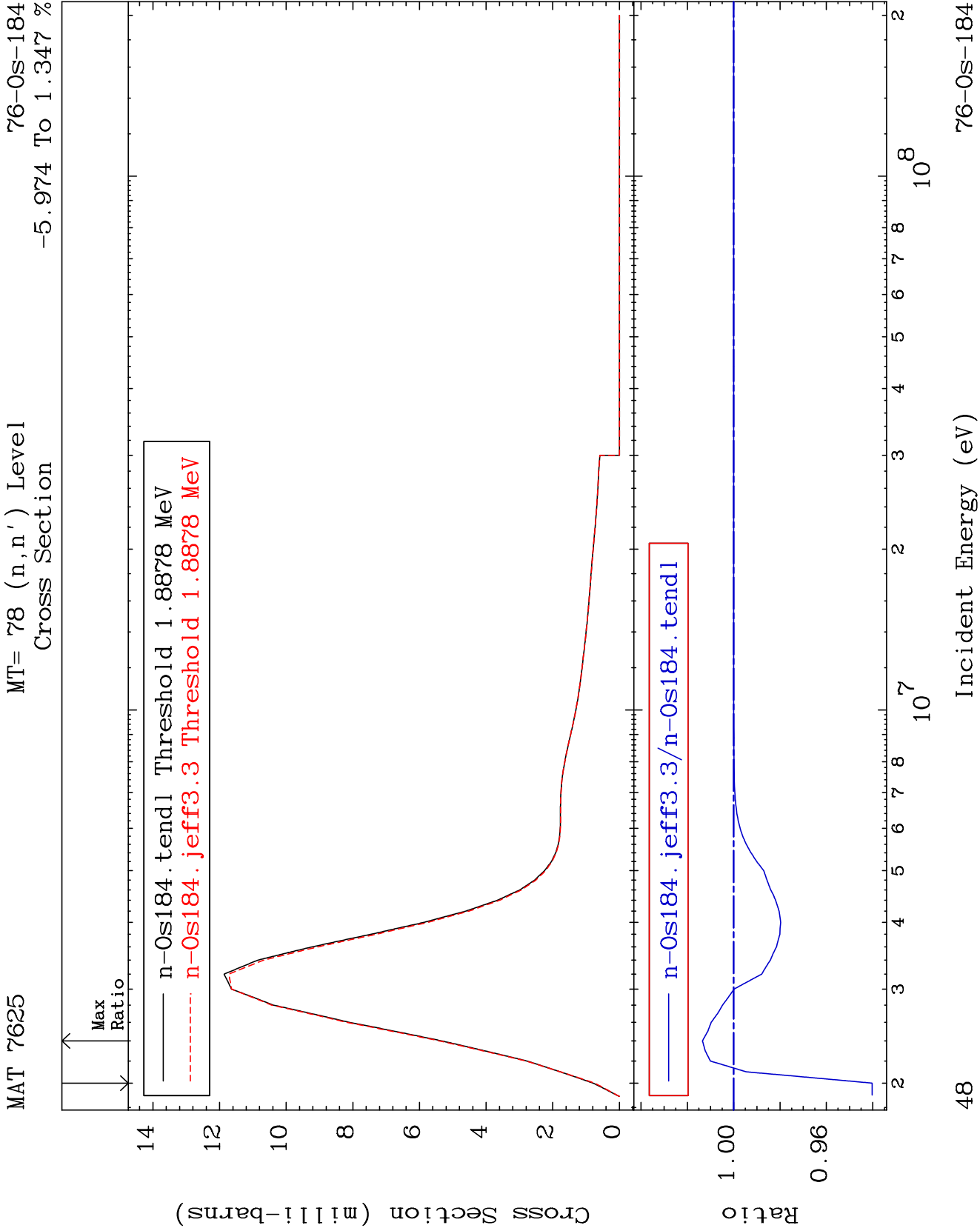
45

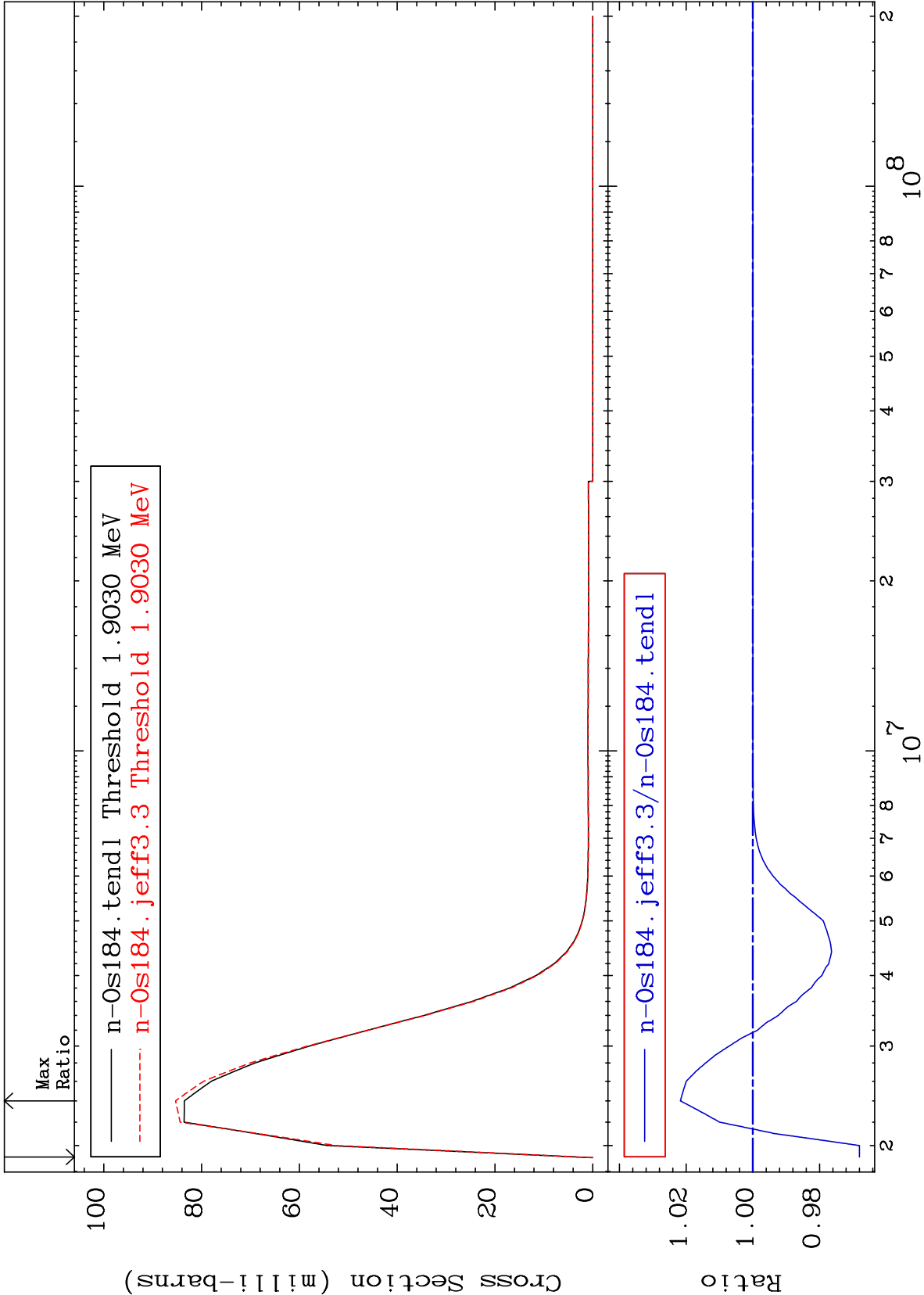
Incident Energy (eV)

76-0s-184





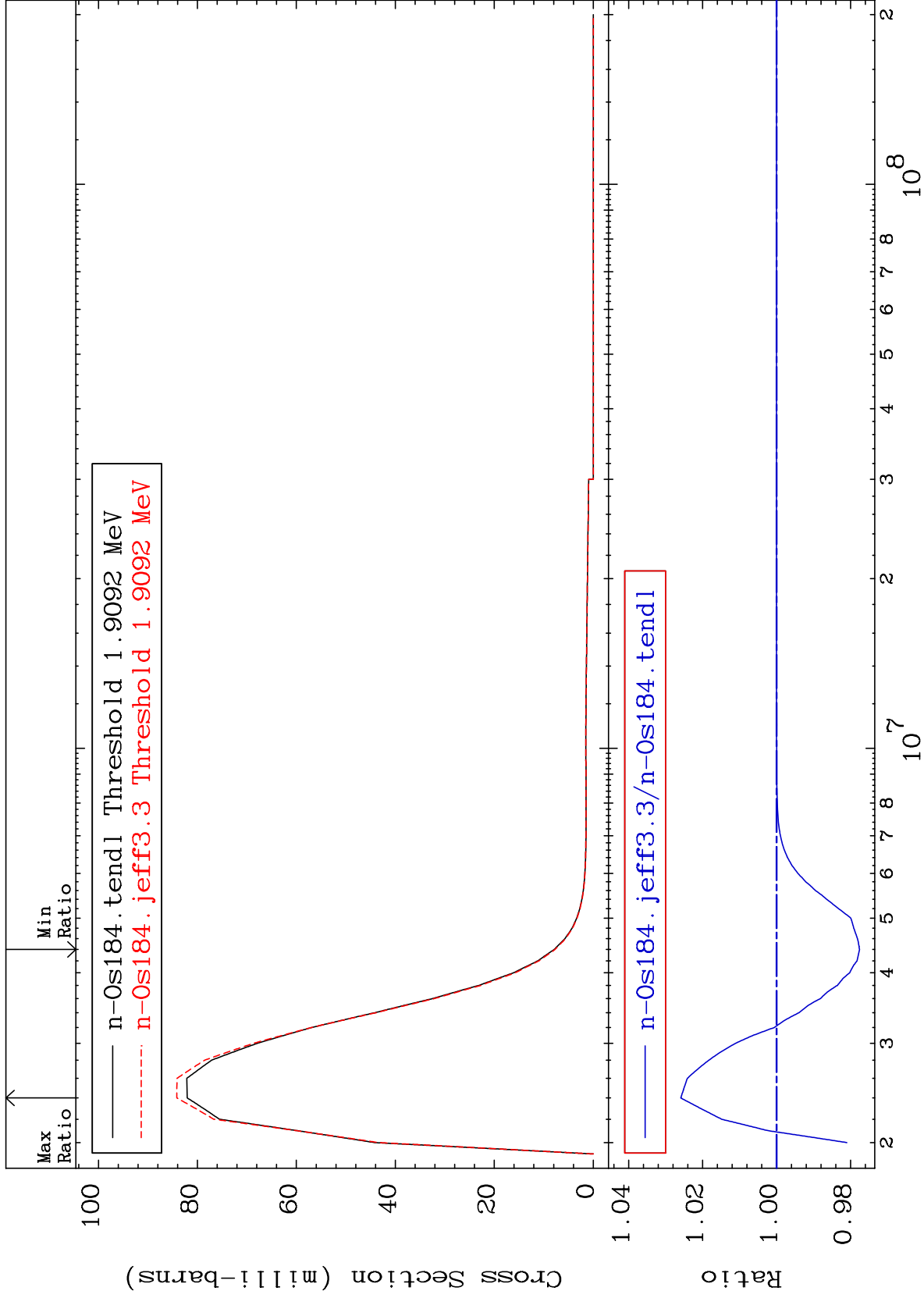




MAT 7625

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

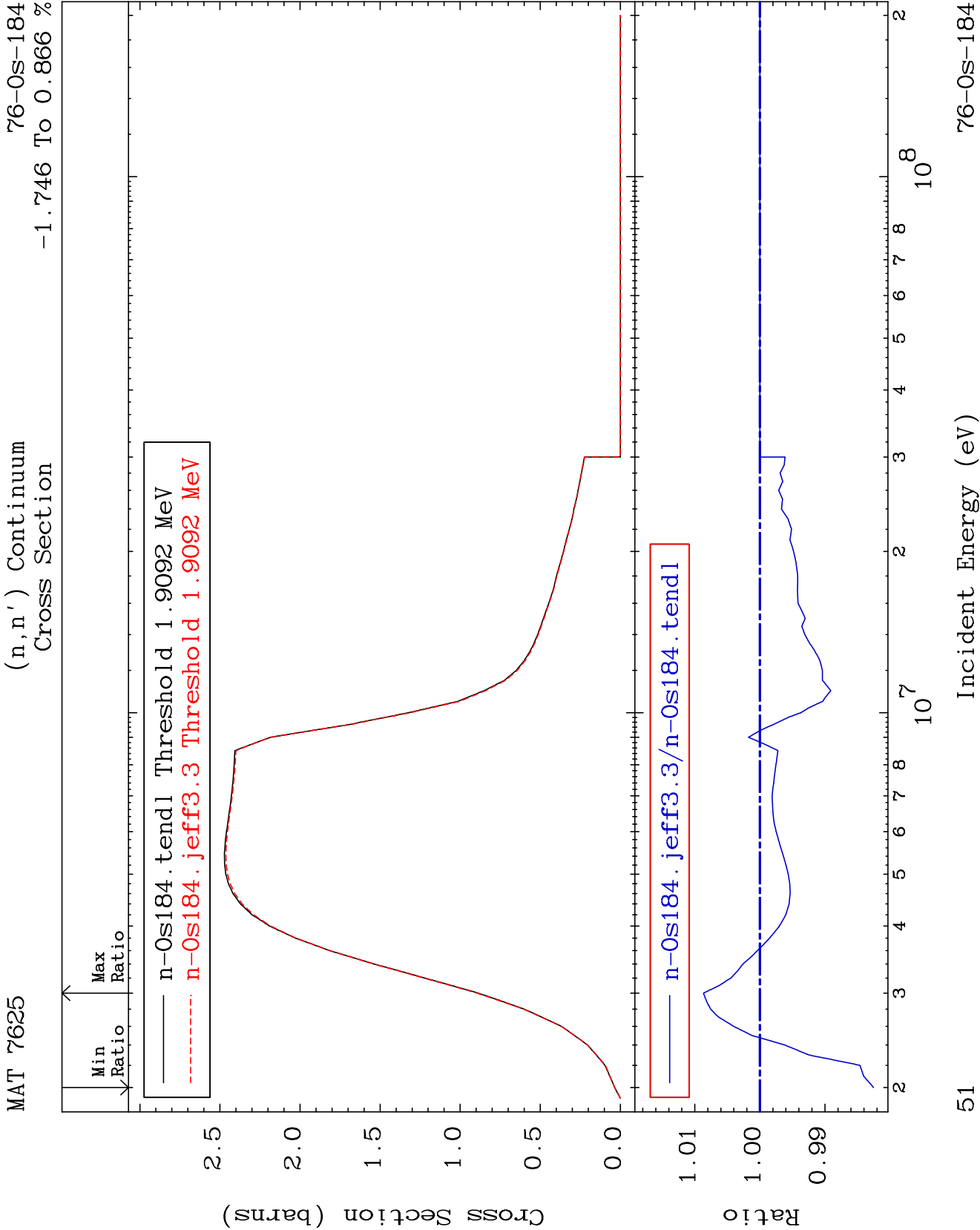
76-0s-184
-2.243 To 2.590 %



50

Incident Energy (eV)

76-0s-184



MAT 7625

(n, γ)
Cross Section
Min Ratio
Max Ratio
76-0s-184
-98.76 To 156.4 %

— n-0s184.tendl
- - - n-0s184.jeff3.3

Cross Section (barns)

— n-0s184.jeff3.3/n-0s184.tendl

Ratio

10⁶
10⁴
10²
10⁰
10⁻²
10⁻⁴
10⁻⁵
10⁻⁴
10⁻³
10⁻²
10⁻¹
10⁰
10¹
10²
10³
10⁴
10⁵
10⁶
10⁷
10⁸

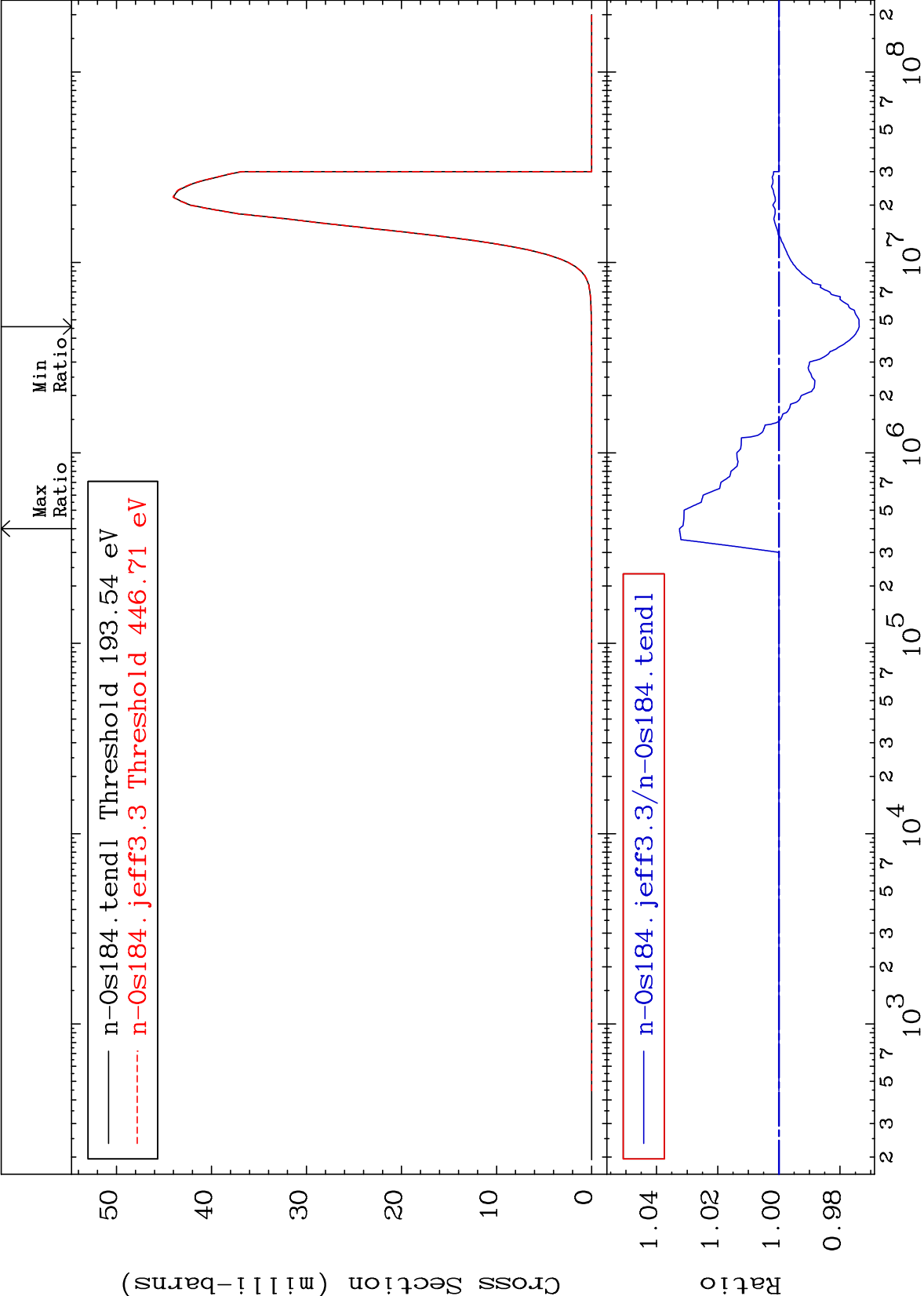
Incident Energy (eV)

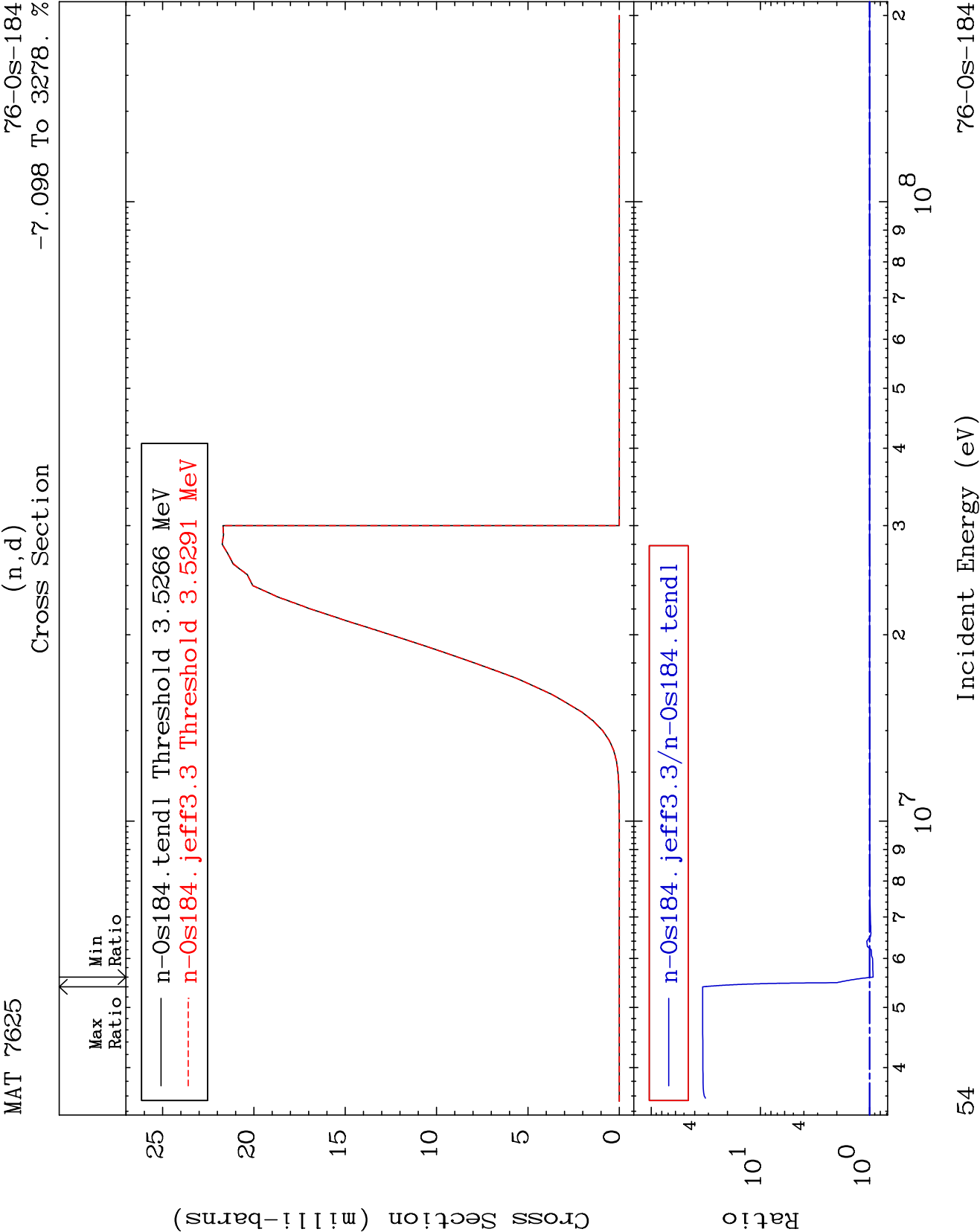
52

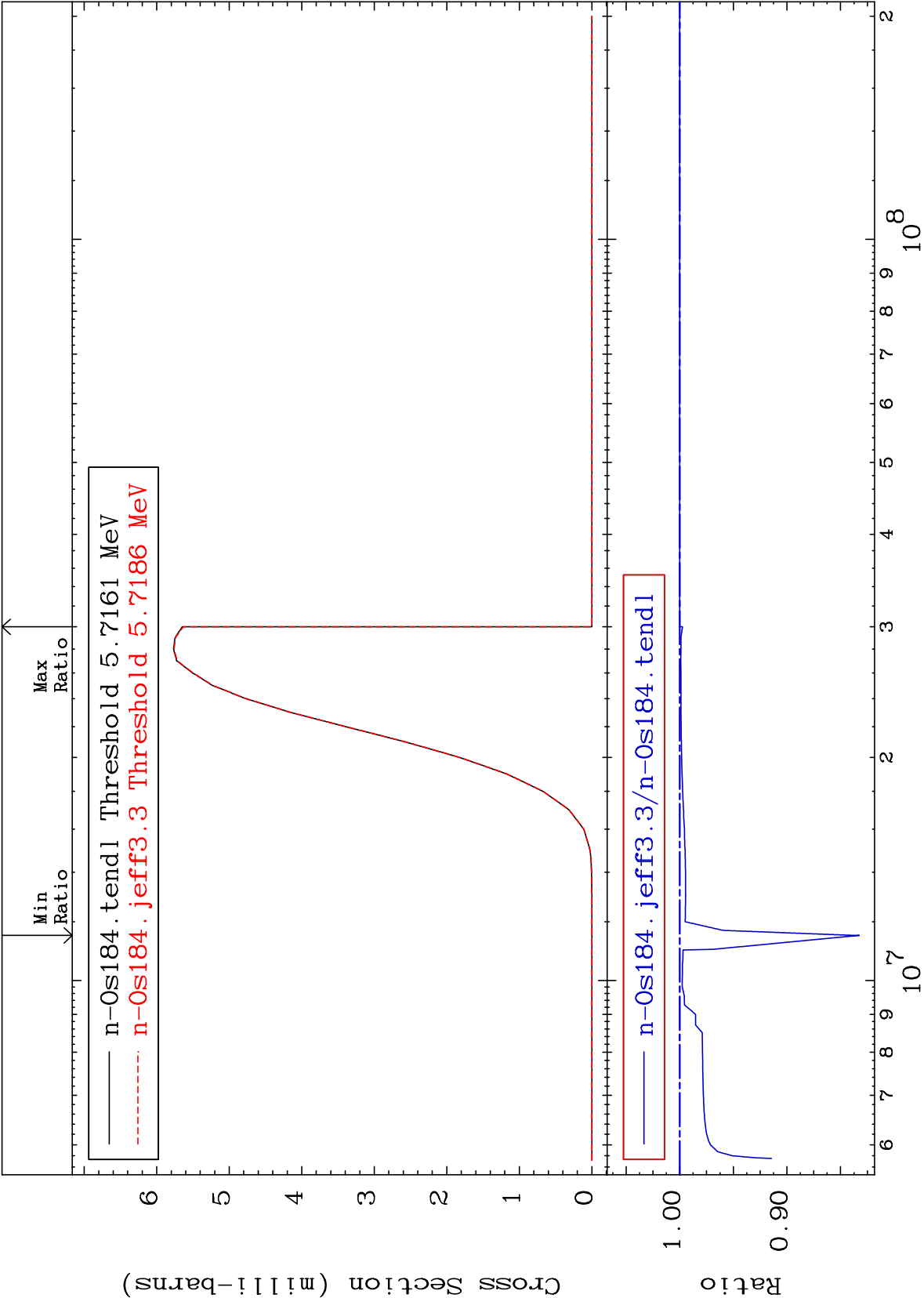
76-0s-184

(n,p)
Cross Section

-2.626 To 3.249 %







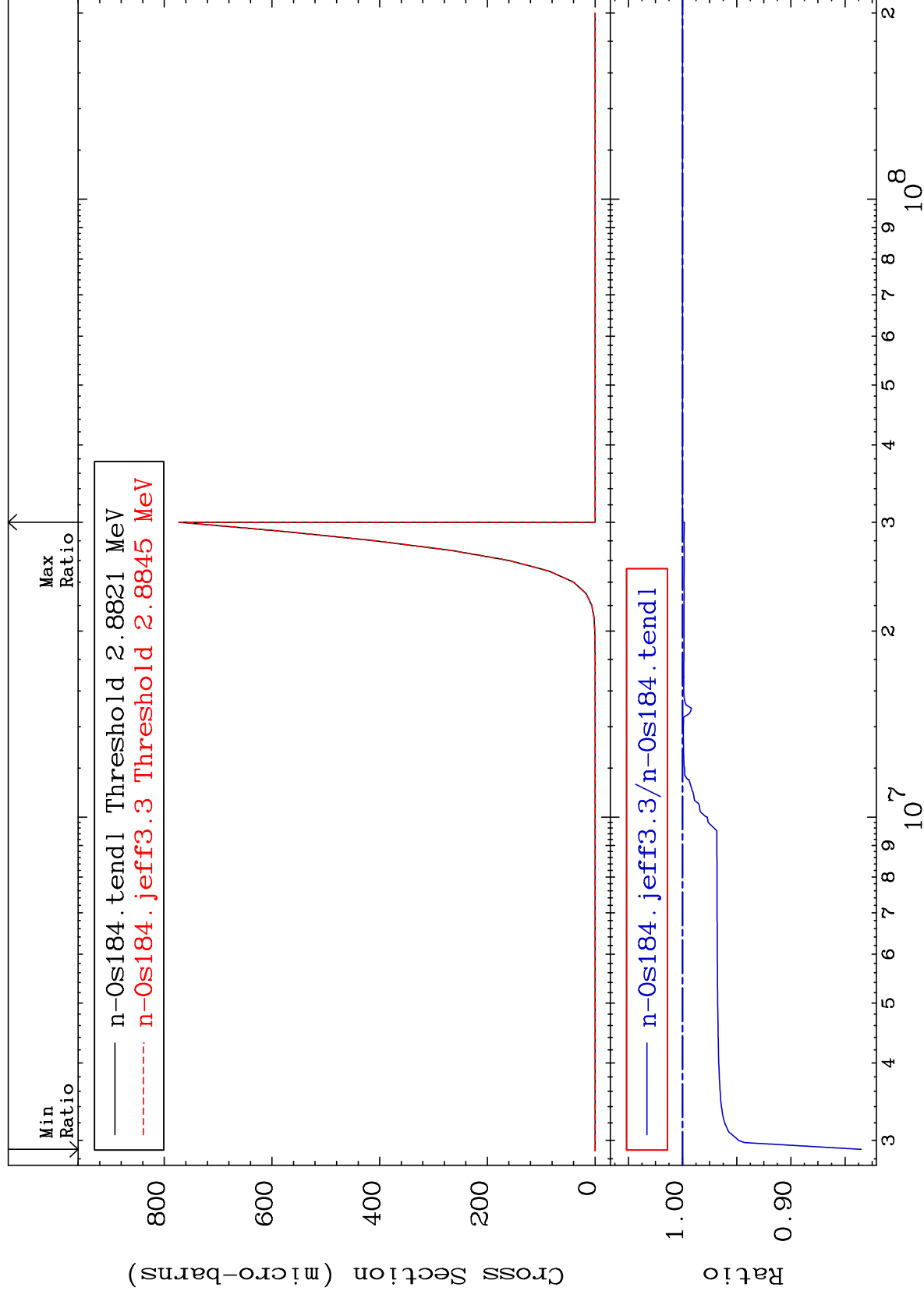
MAT 7625

 $(n, \text{He-3})$

76-0s-184

Cross Section

-16.49 To 0.000 %



59

Incident Energy (eV)

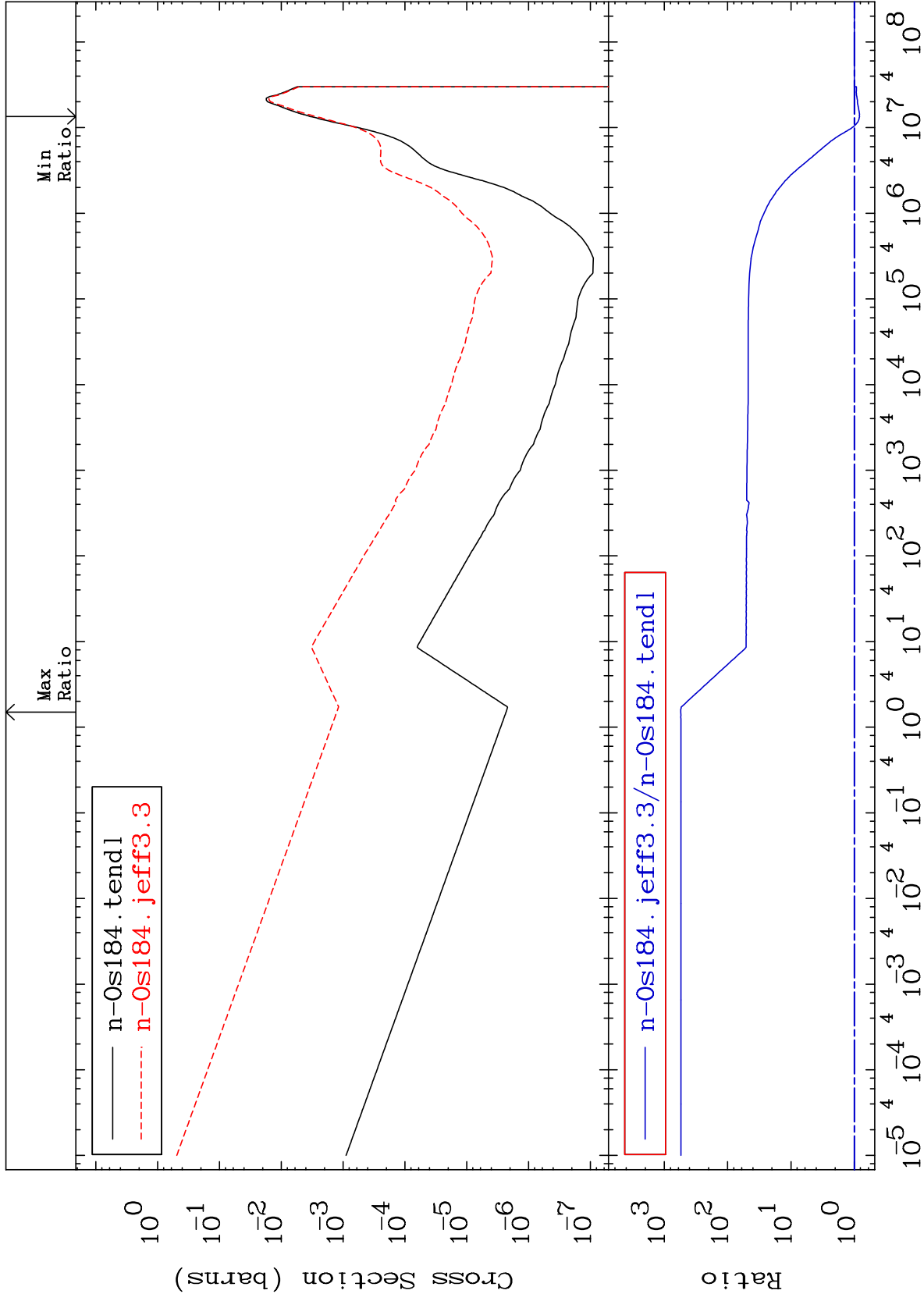
76-0s-184

MAT 7625

⁷⁶Os-184

(n,α)
Cross Section

-17.25 To 9999. %



57

Incident Energy (eV)

⁷⁶Os-184

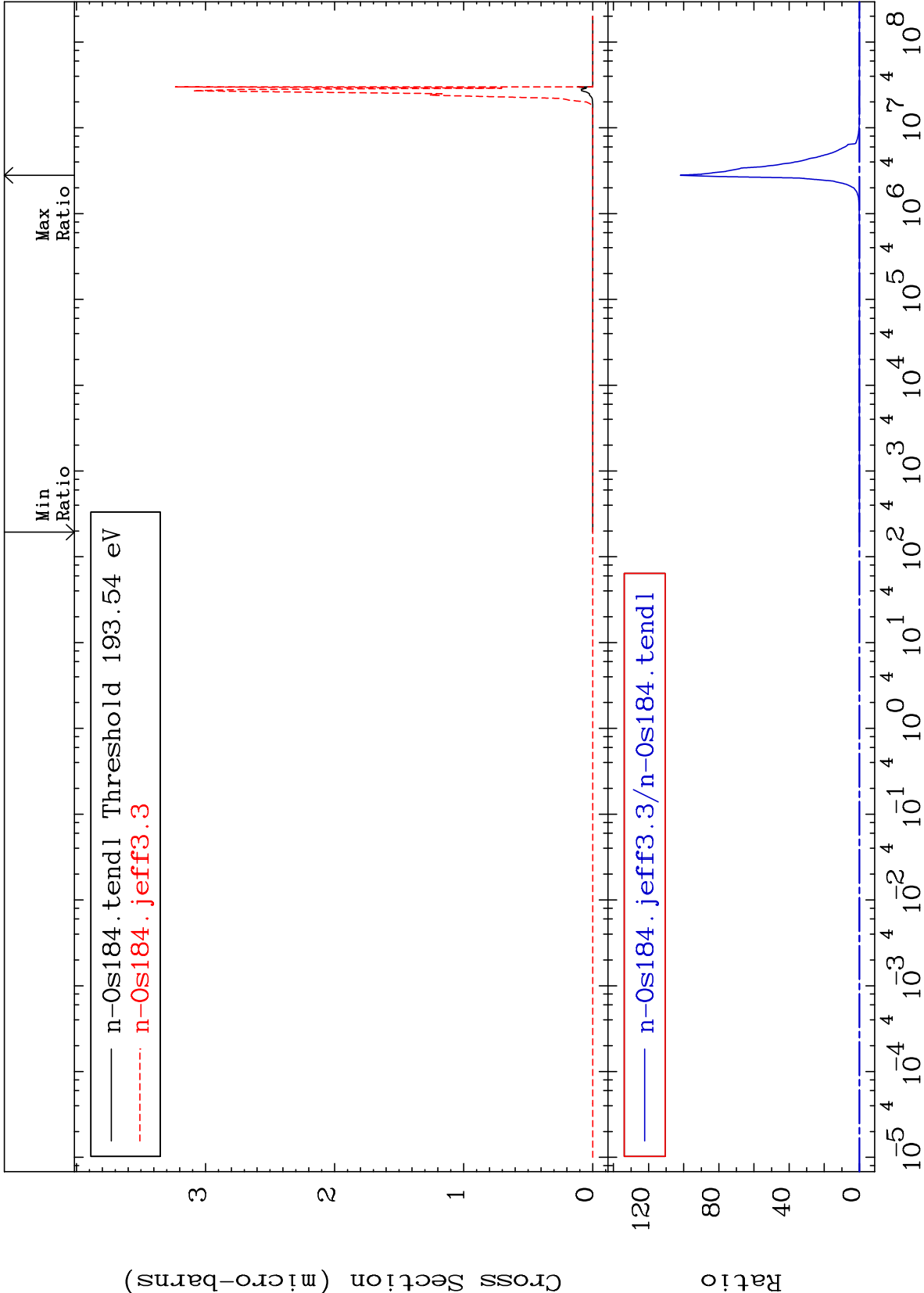
MAT 7625

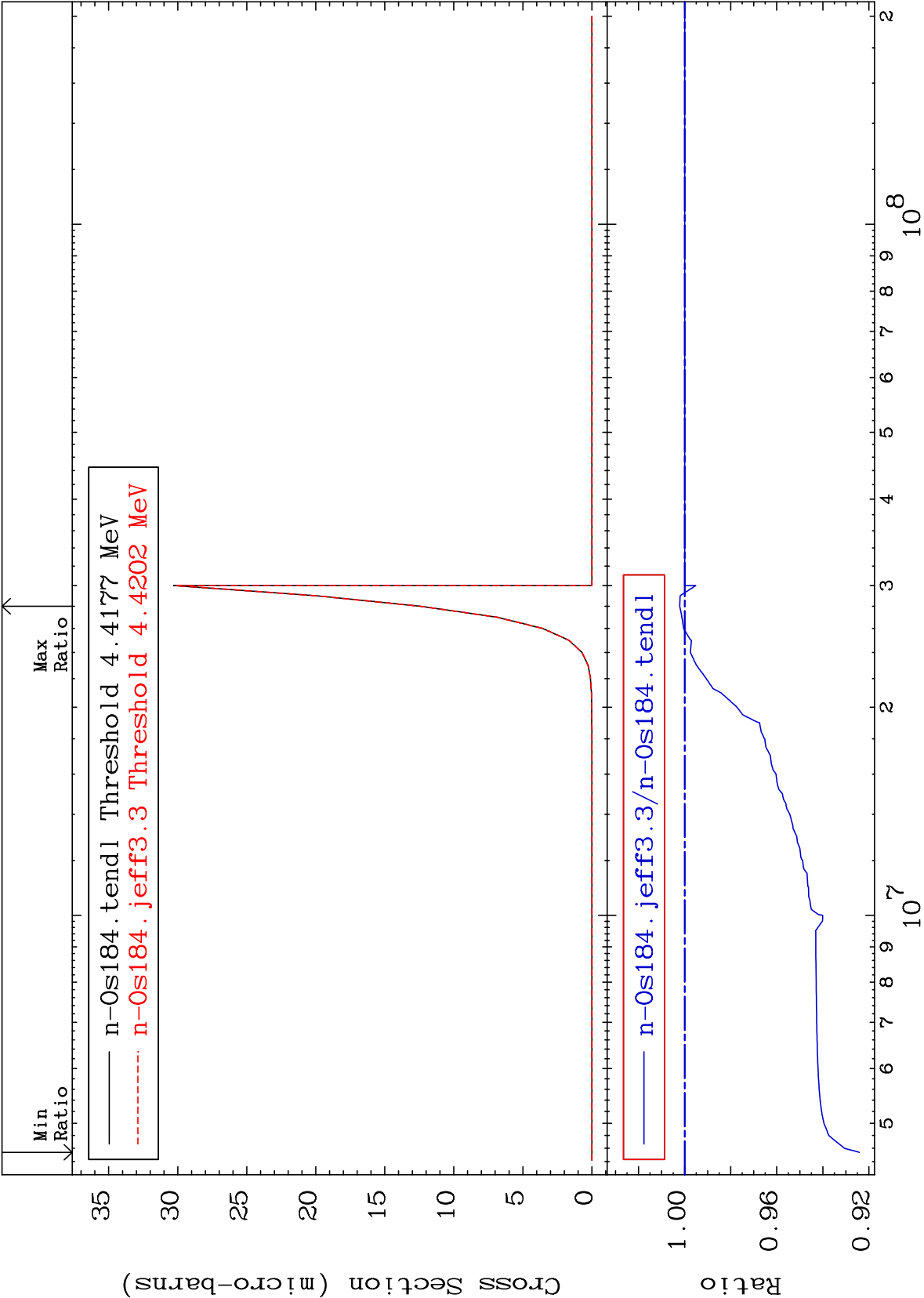
(n,2α)

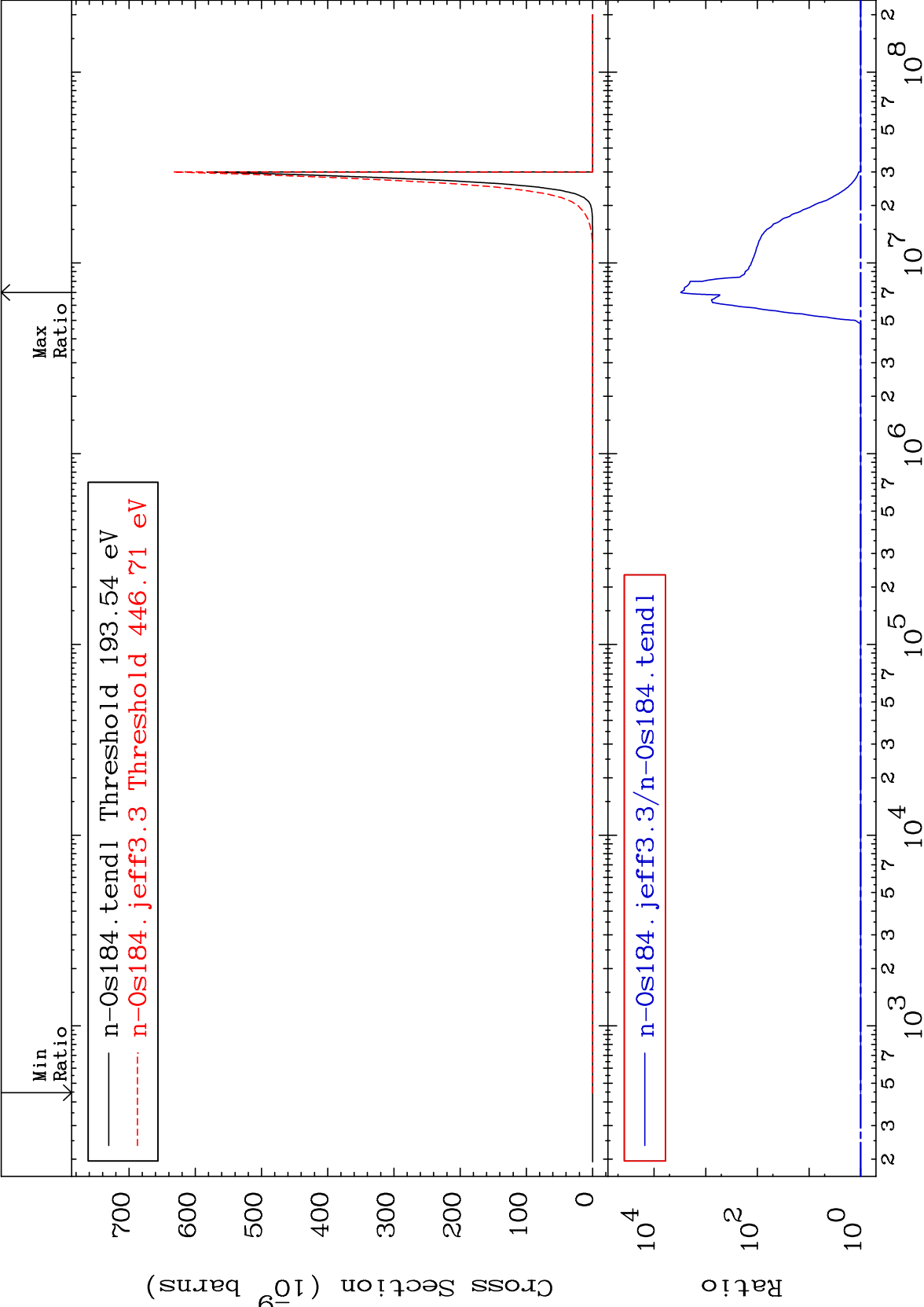
⁷⁶Os-¹⁸⁴

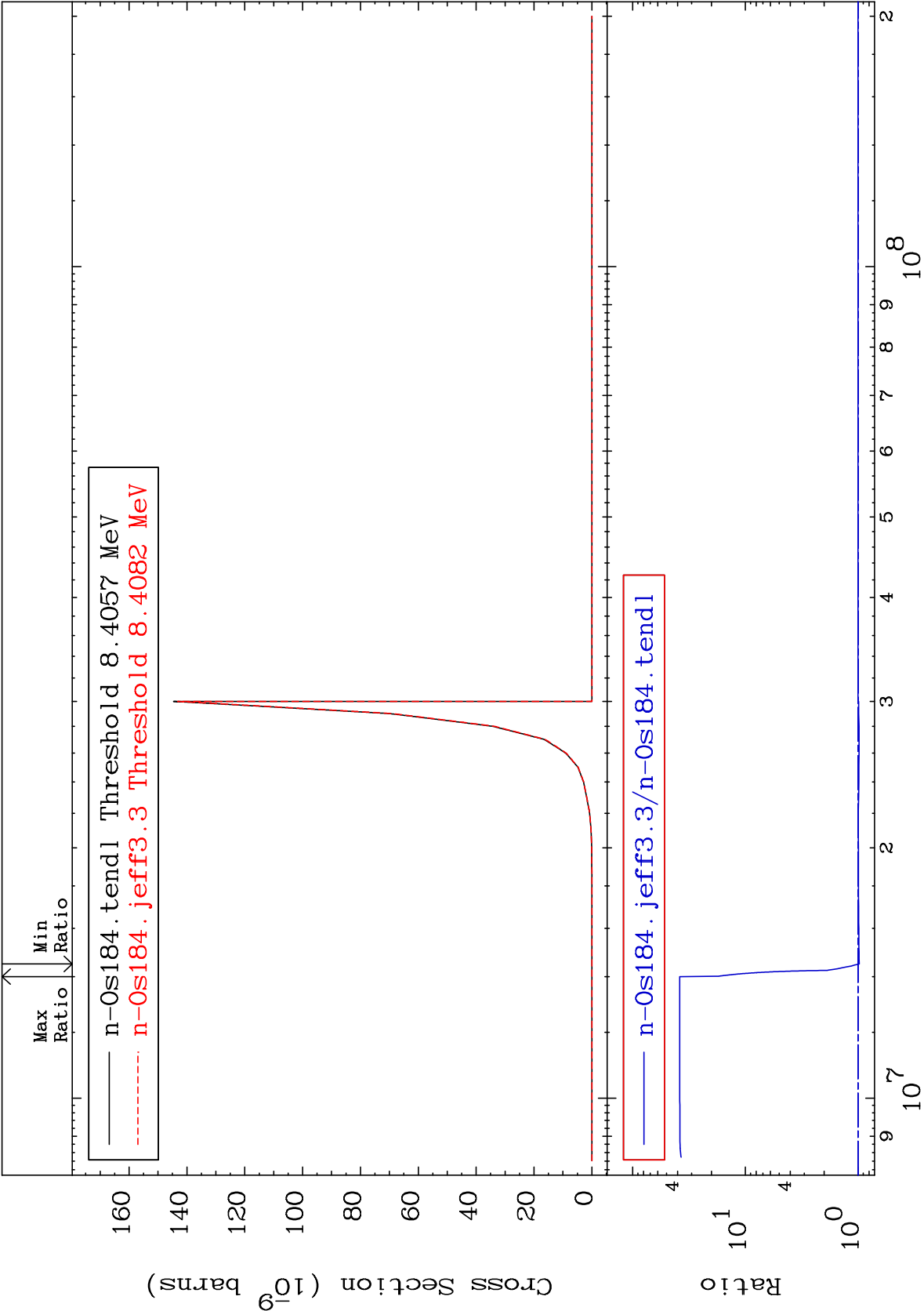
Cross Section

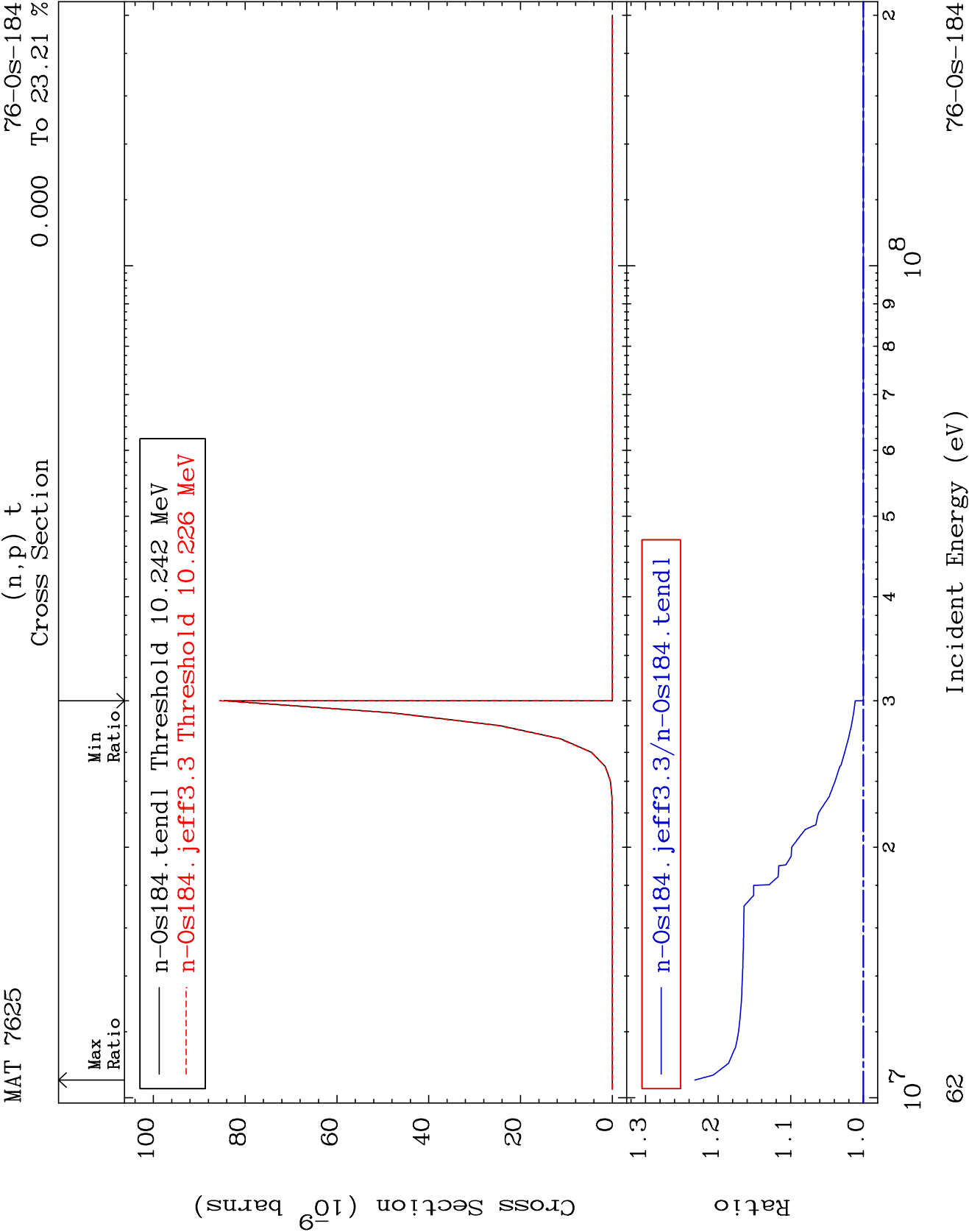
-100.0 To 9999. %

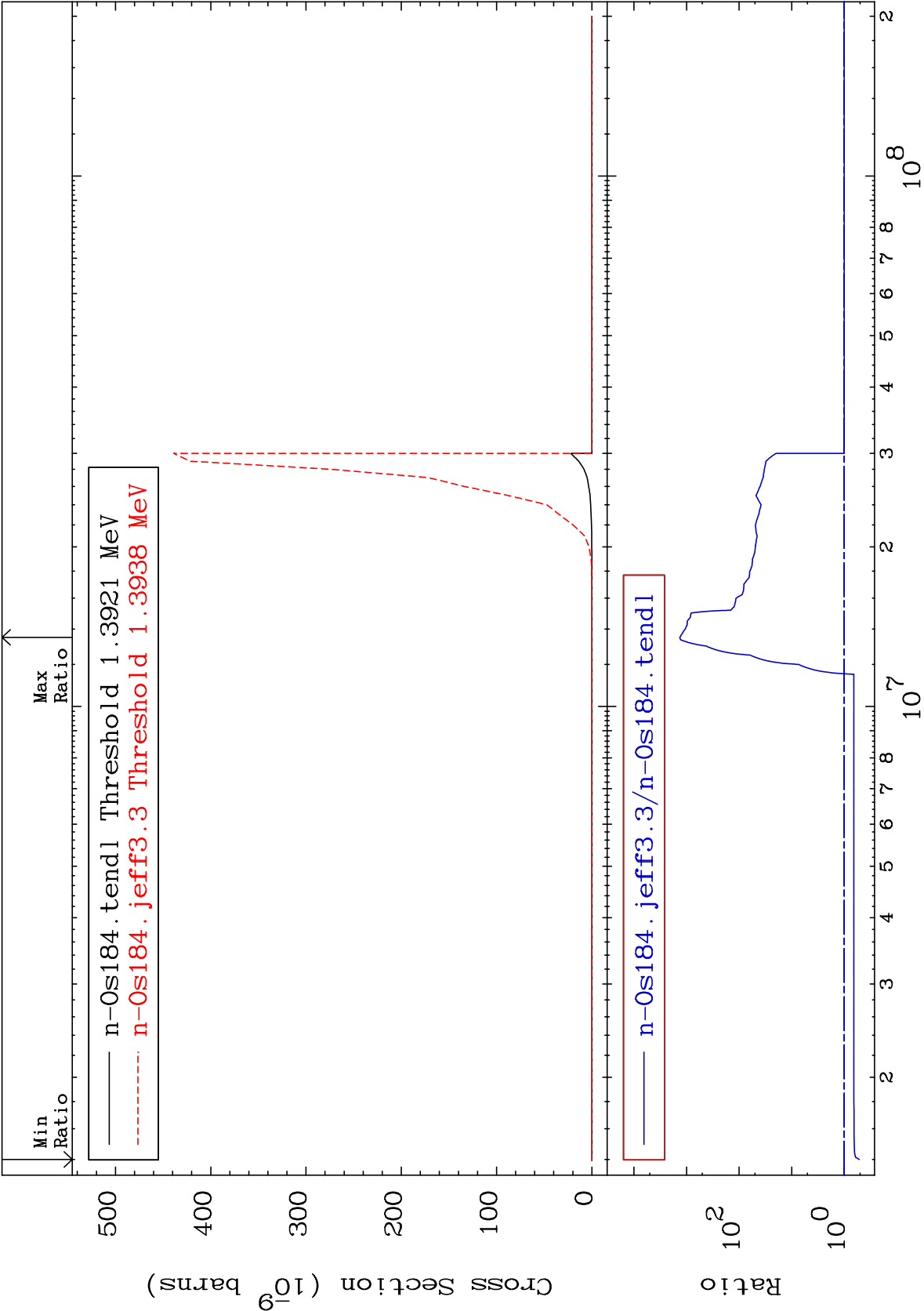


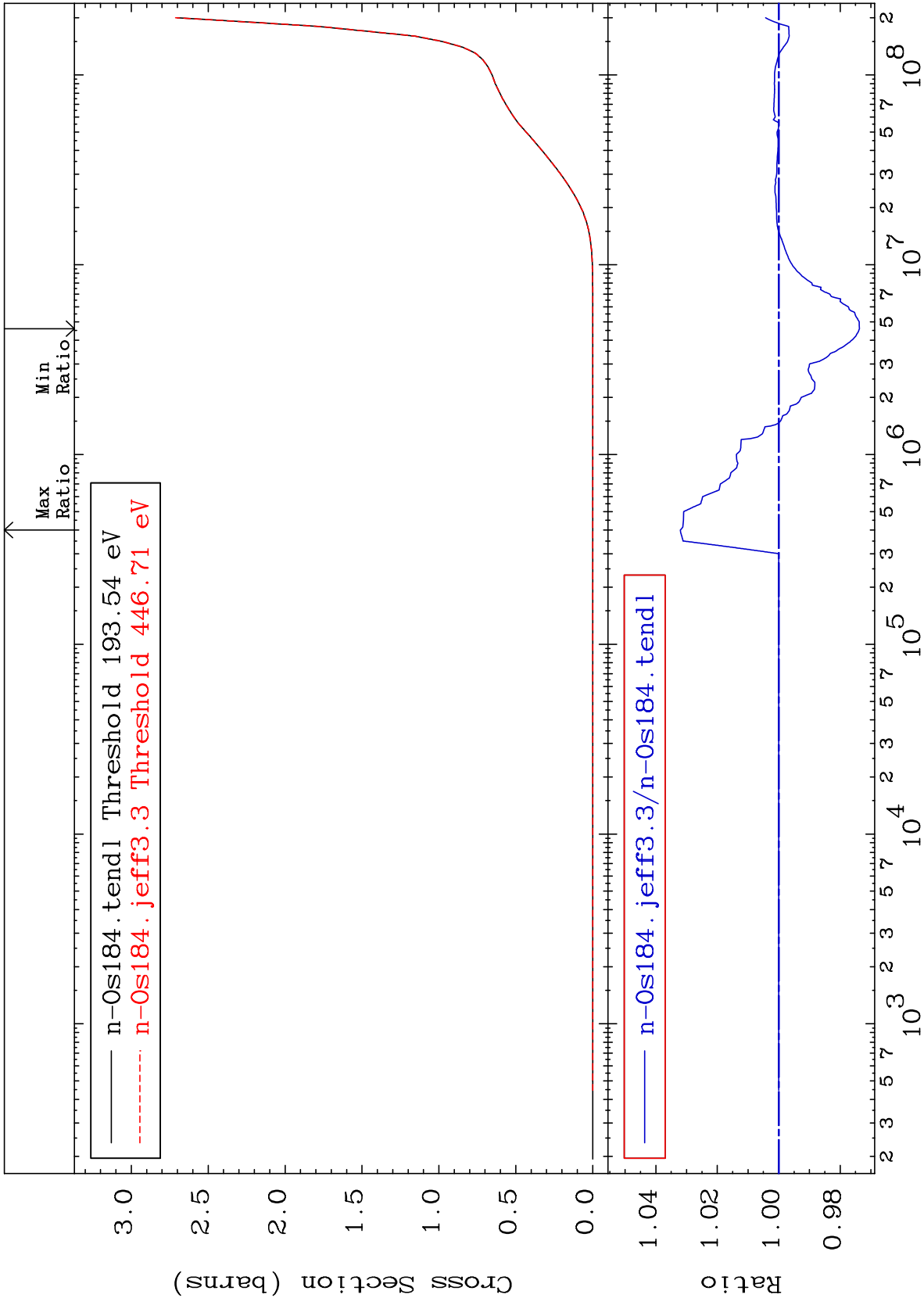


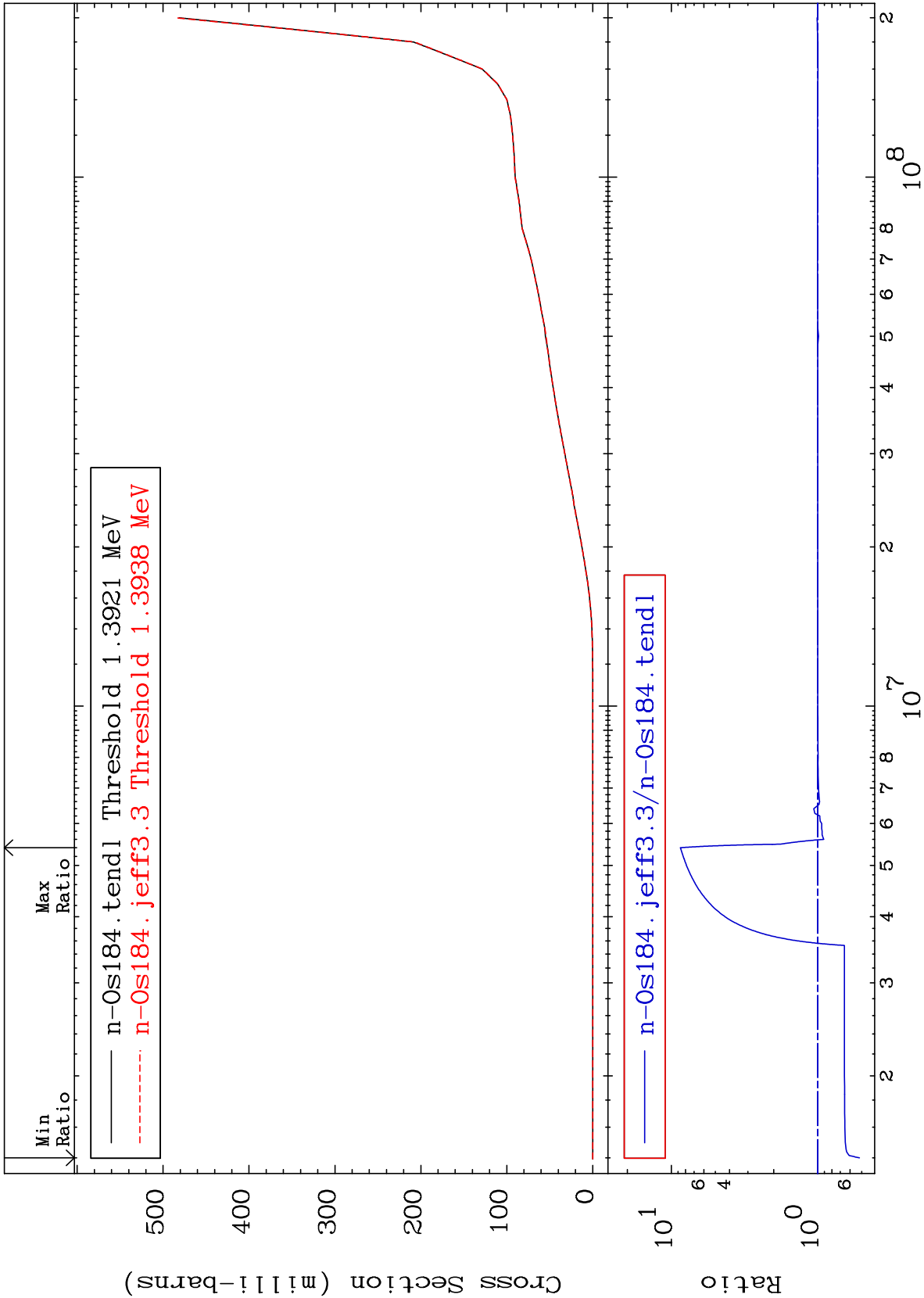








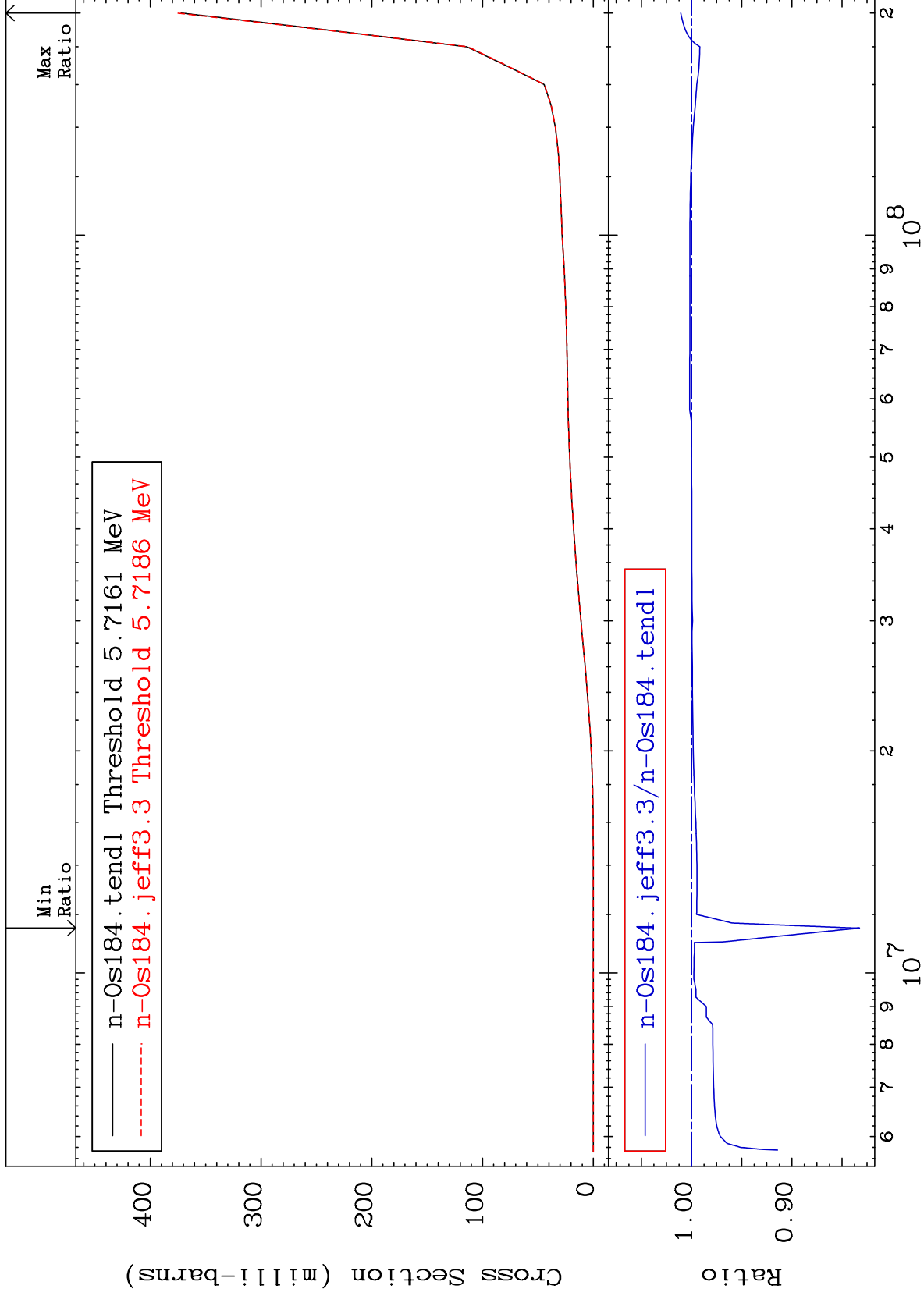




MAT 7625

Tritium Production
Cross Section

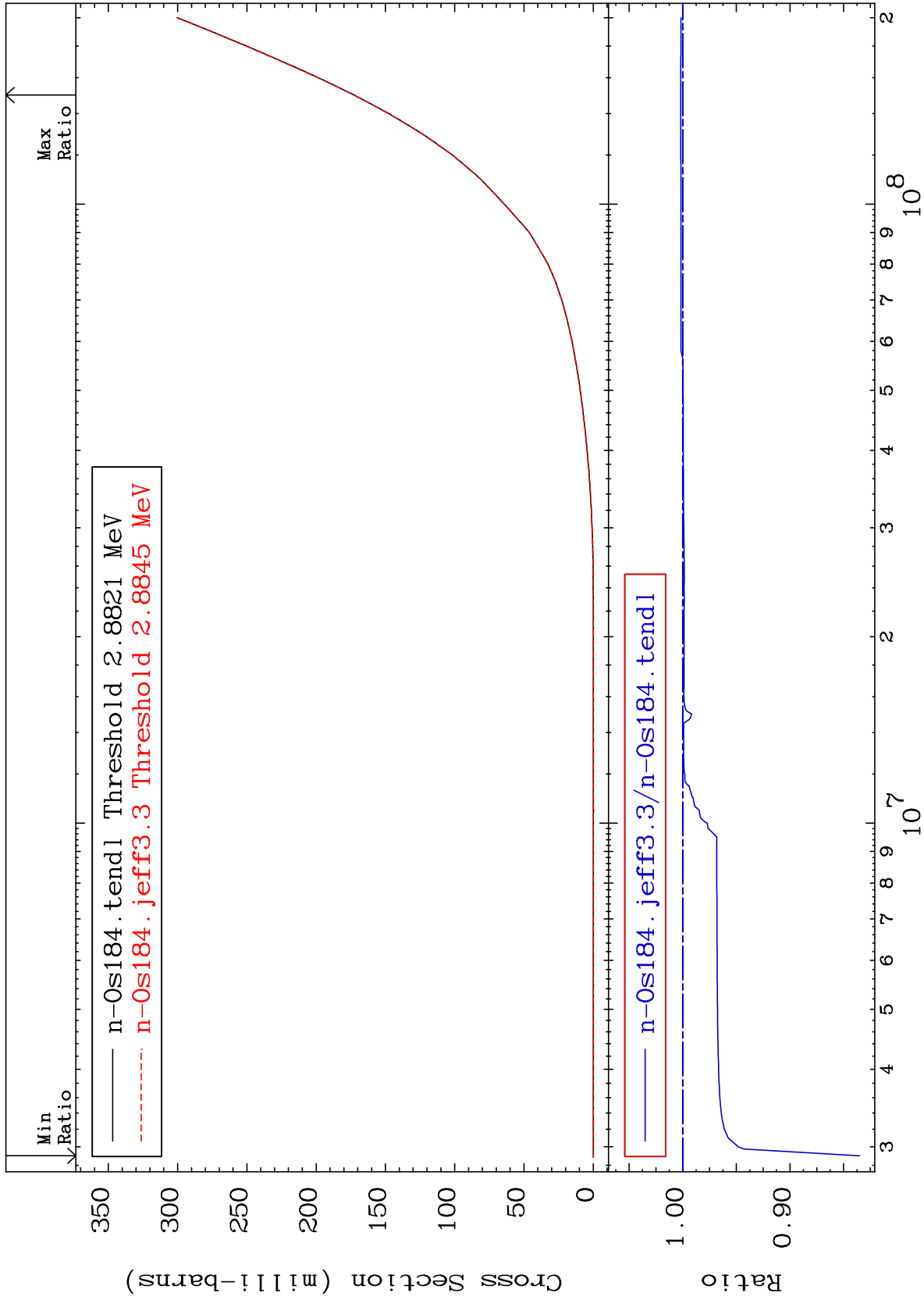
⁷⁶Os-¹⁸⁴
-16.75 To 1.073 %



MAT 7625

He-3 Production
Cross Section

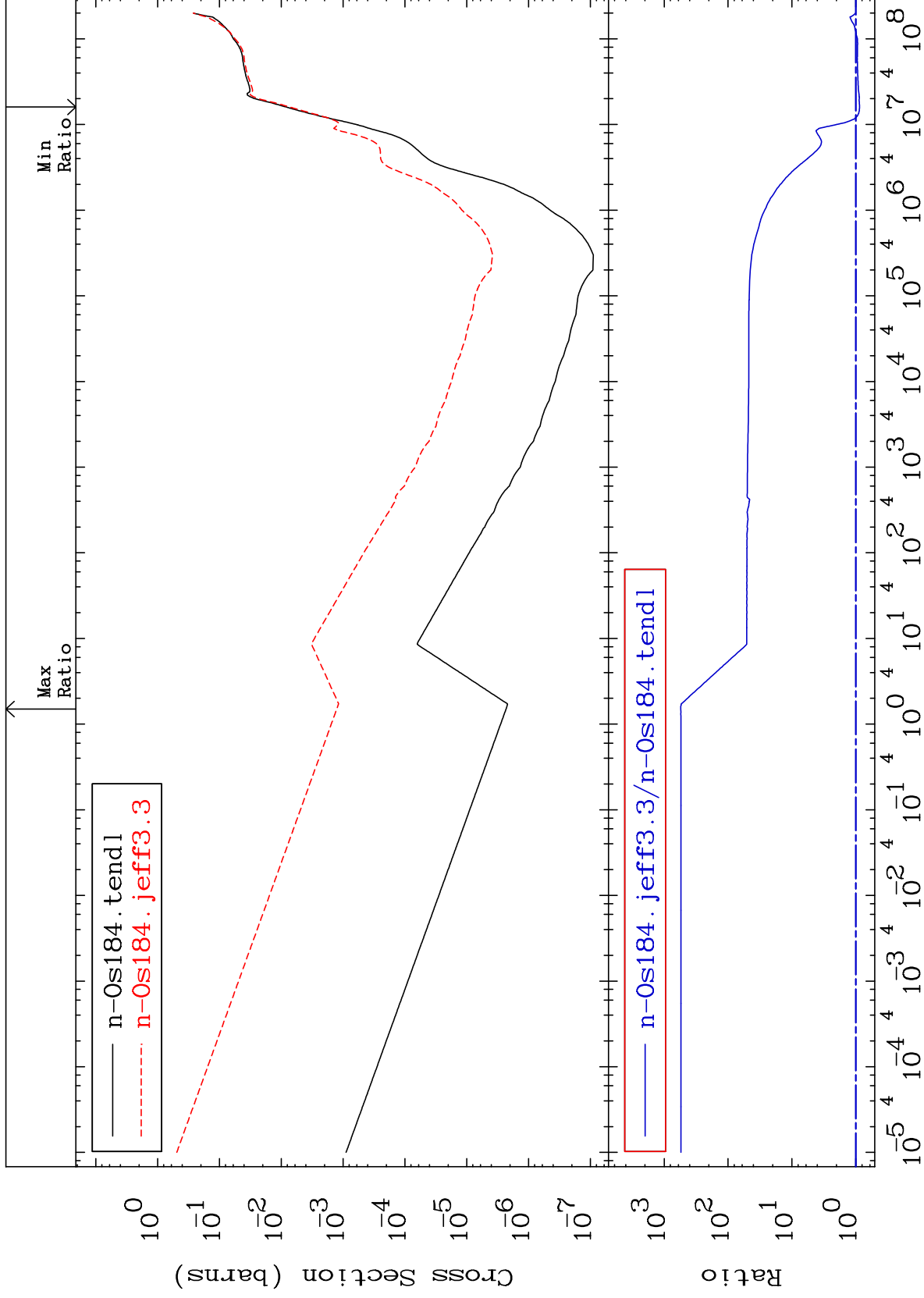
76-Os-184
-16.49 To 0.184 %

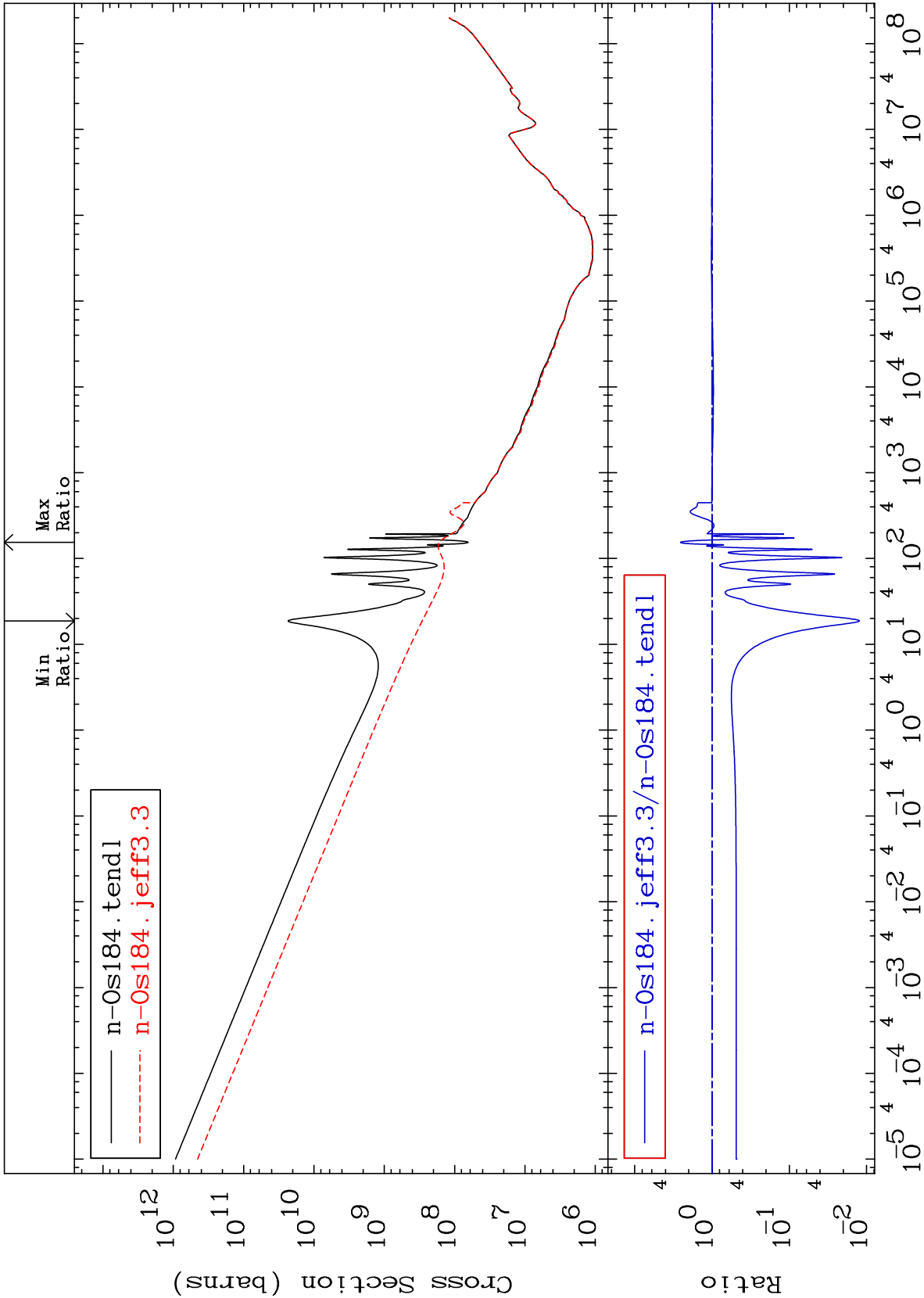


67

Incident Energy (eV)

76-Os-184

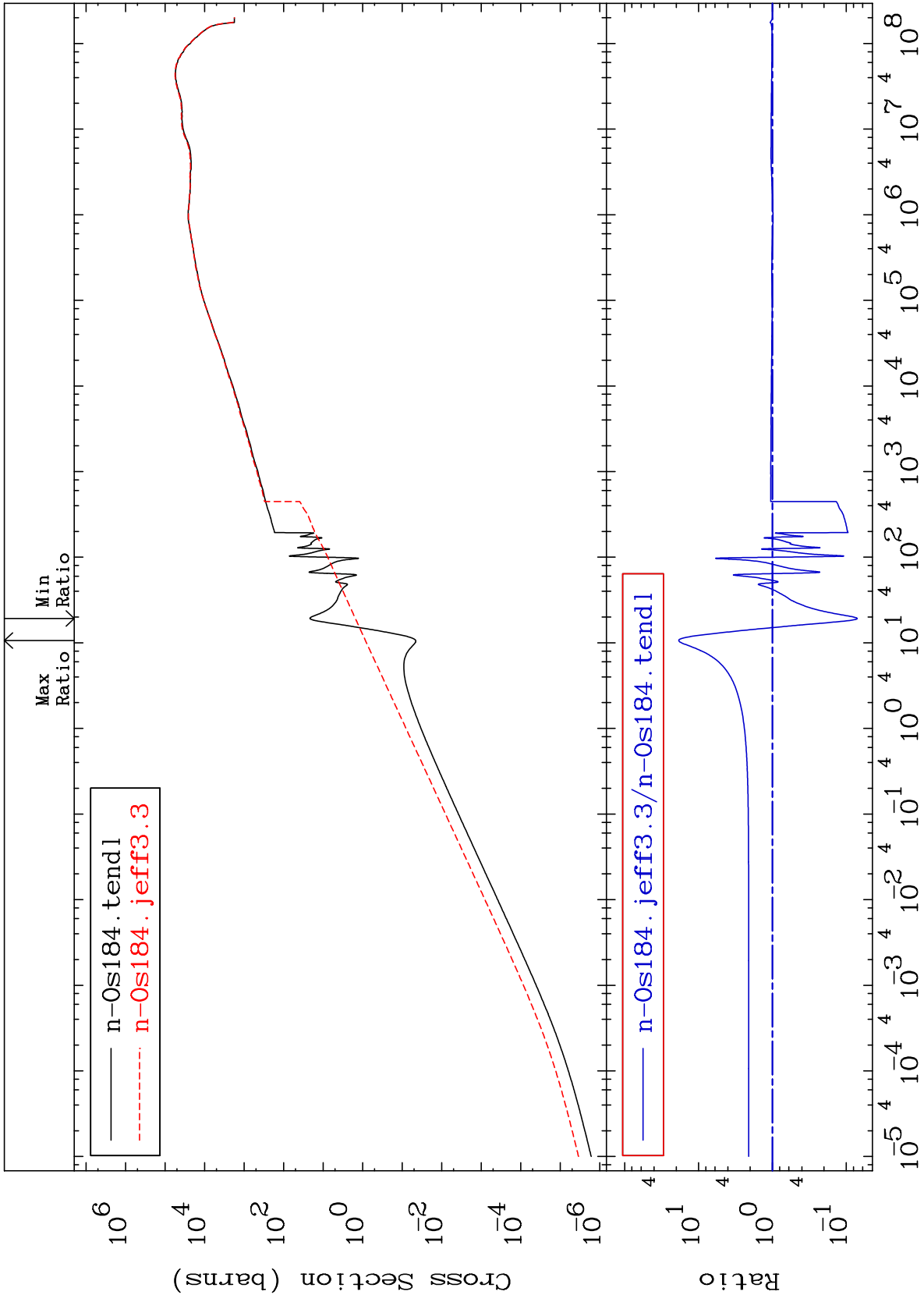




MAT 7625

Kerma elastic
Cross Section

⁷⁶Os-184
-92.89 To 1762. %



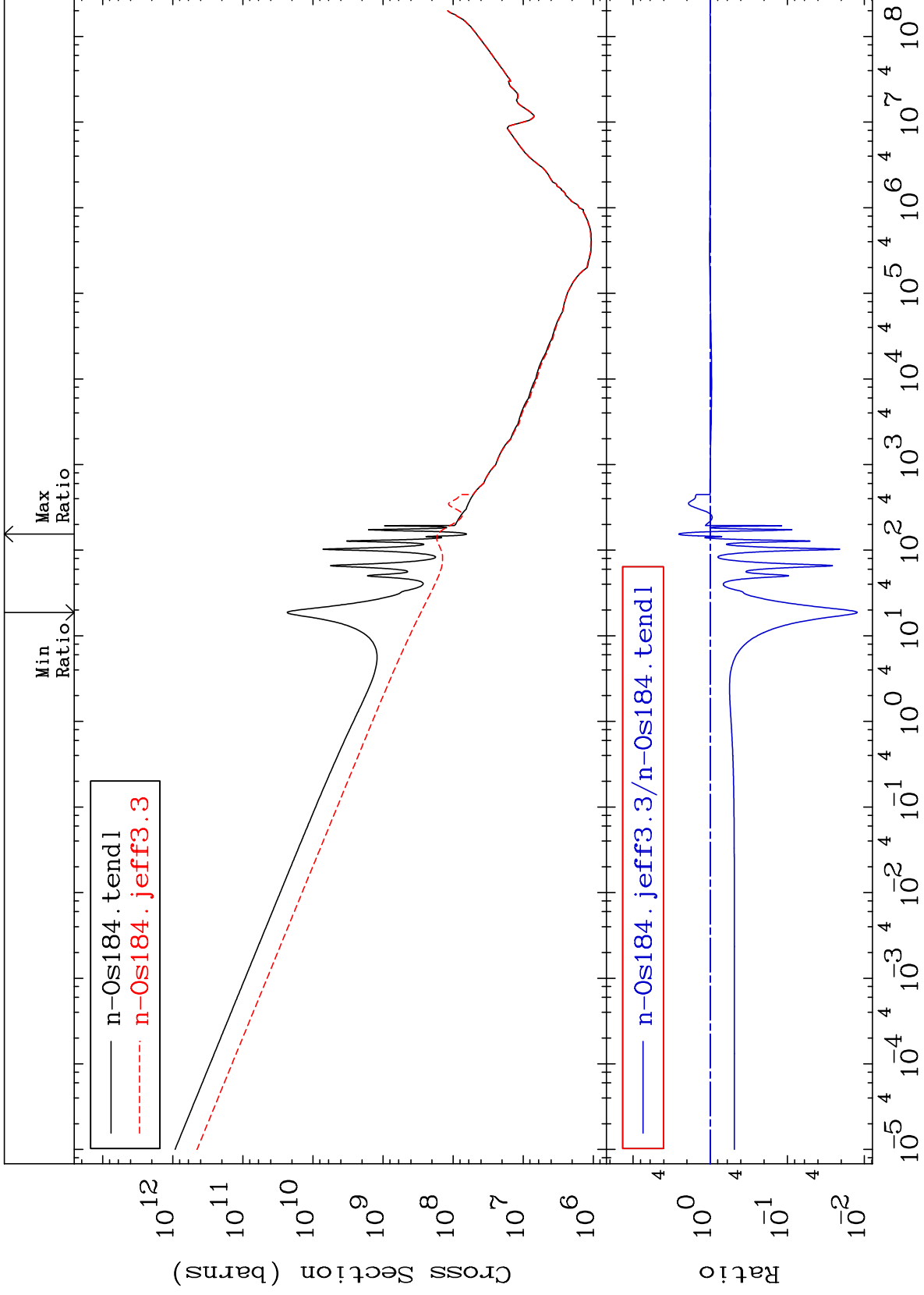
MAT 7625

Kerma non-elastic (all but mt2)

76-Os-184

-98.76 To 156.4 %

Cross Section



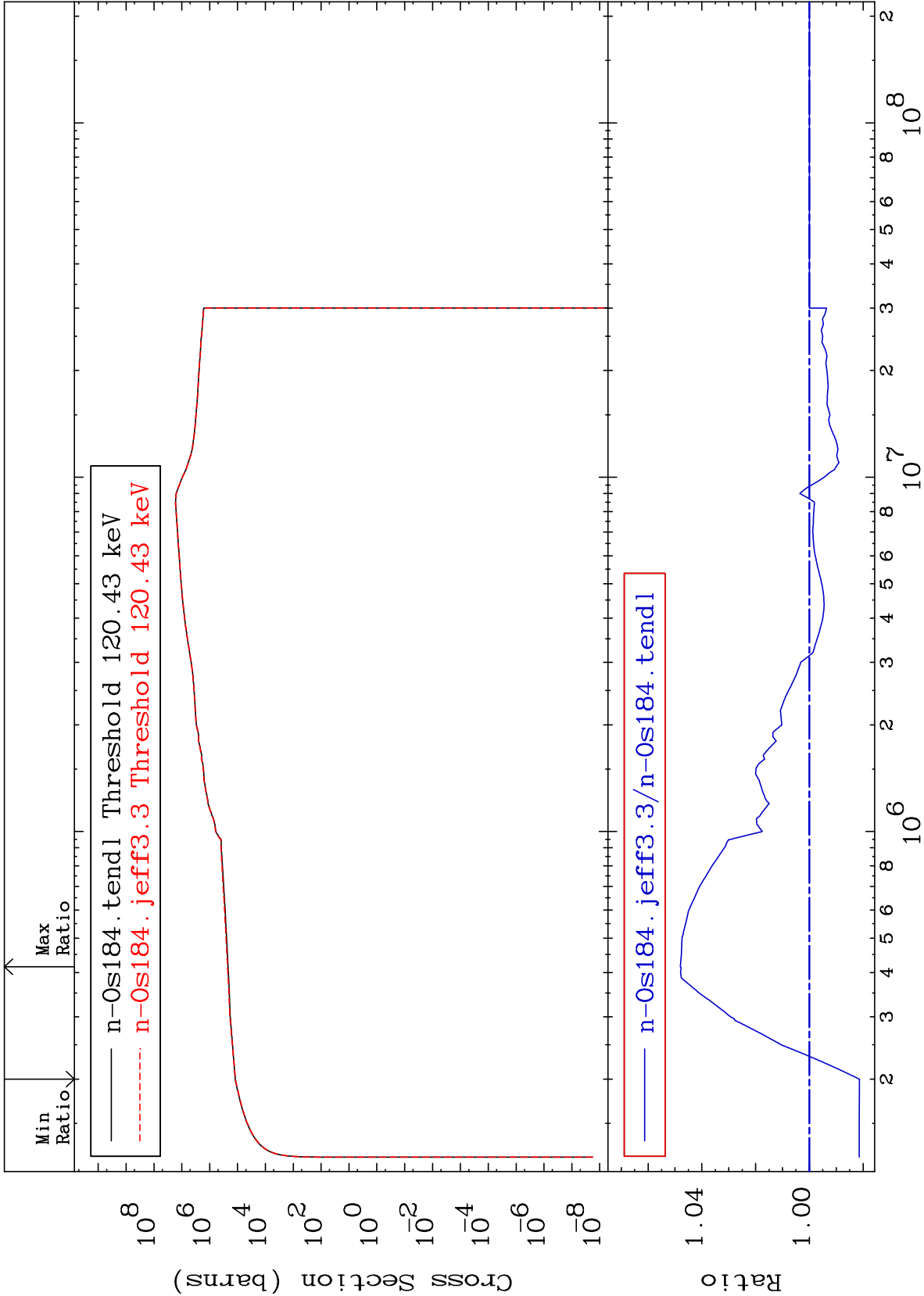
71

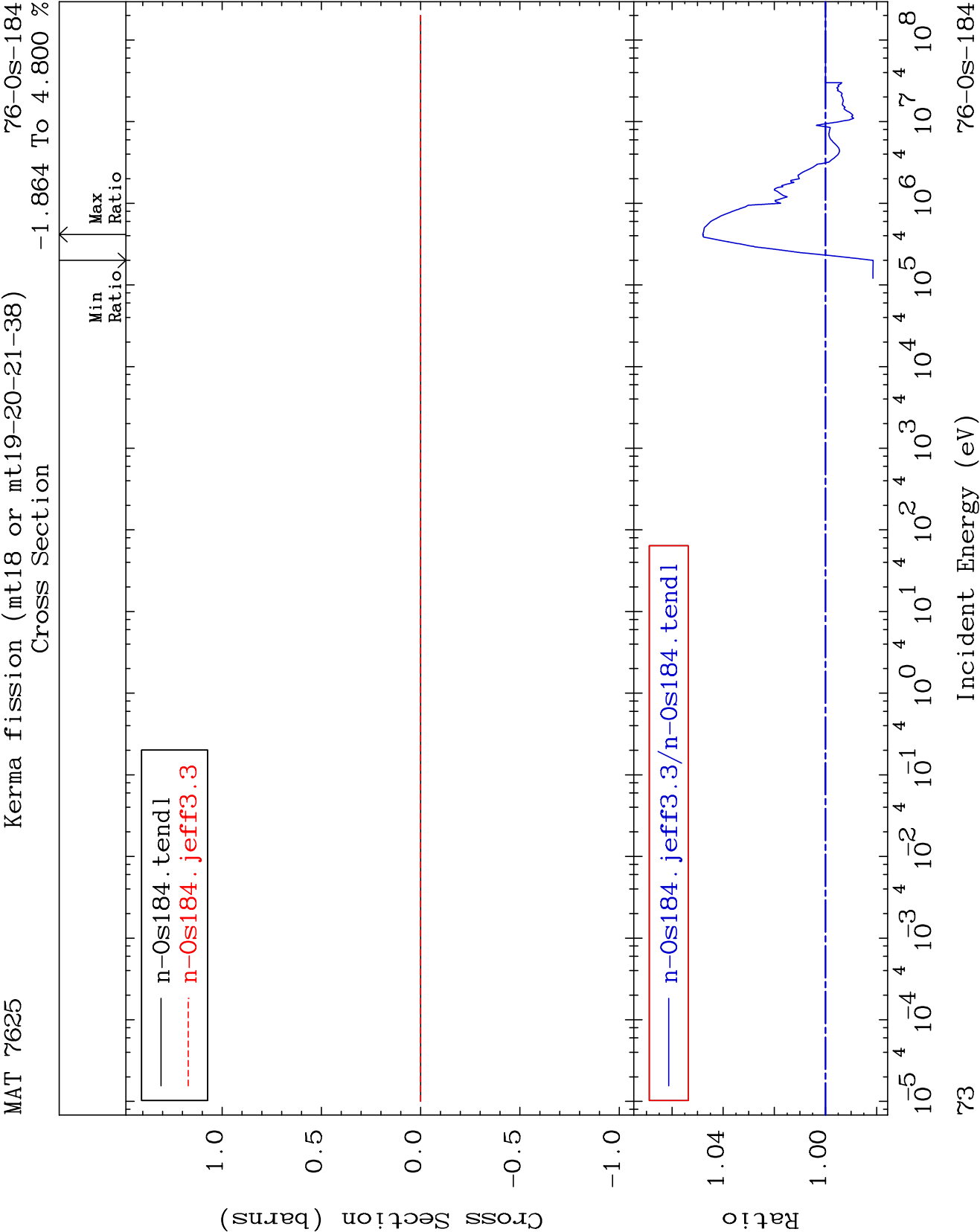
Incident Energy (eV)

76-Os-184

Cross Section

-1.864 To 4.800 %



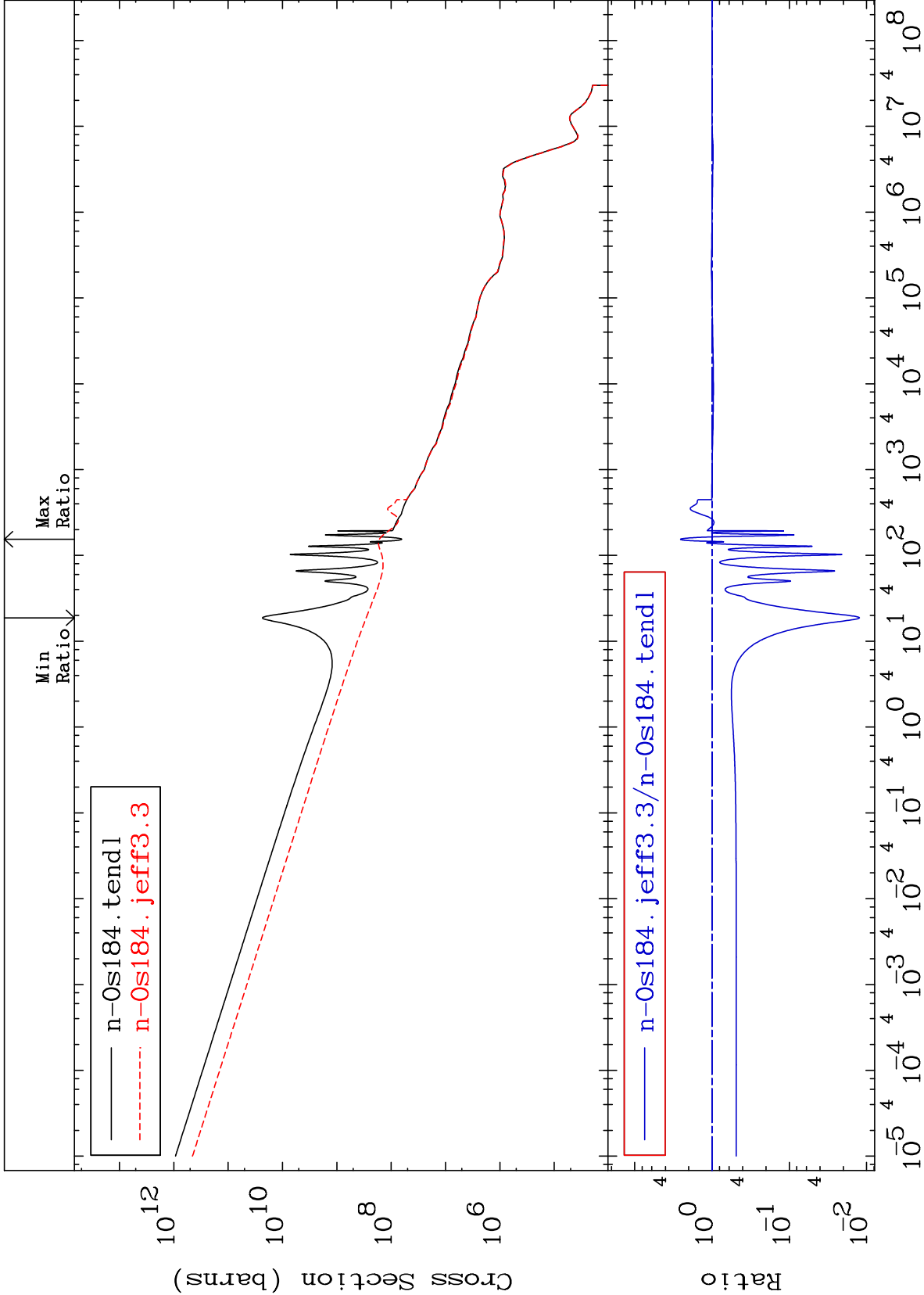


MAT 7625

Kerma capture (mt102)

⁷⁶Os-¹⁸⁴

-98.76 To 156.4 %



74

Incident Energy (eV)

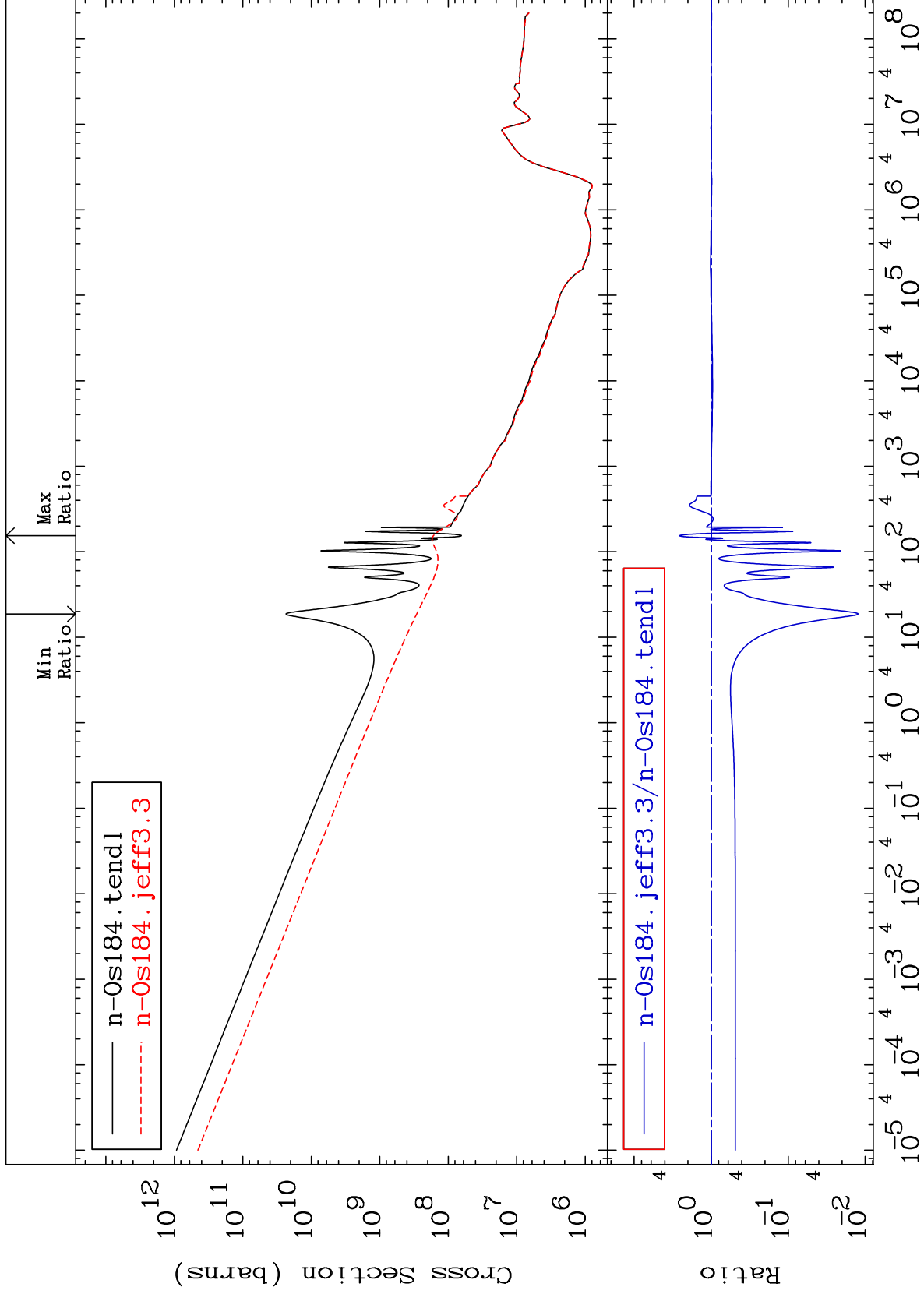
⁷⁶Os-¹⁸⁴

MAT 7625

Total photon (eV-barns)

⁷⁶Os-¹⁸⁴

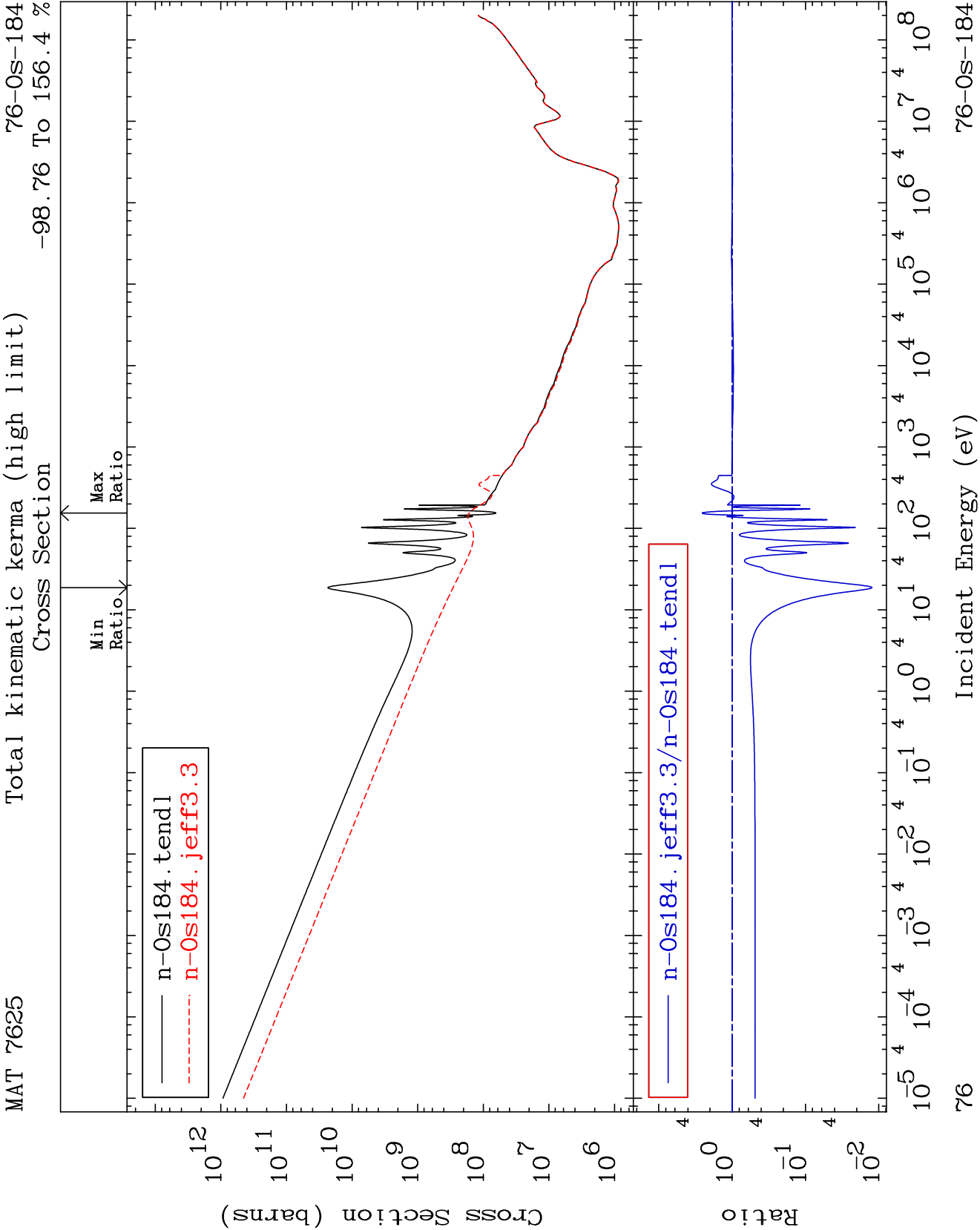
-98.76 To 156.4 %



75

Incident Energy (eV)

⁷⁶Os-¹⁸⁴



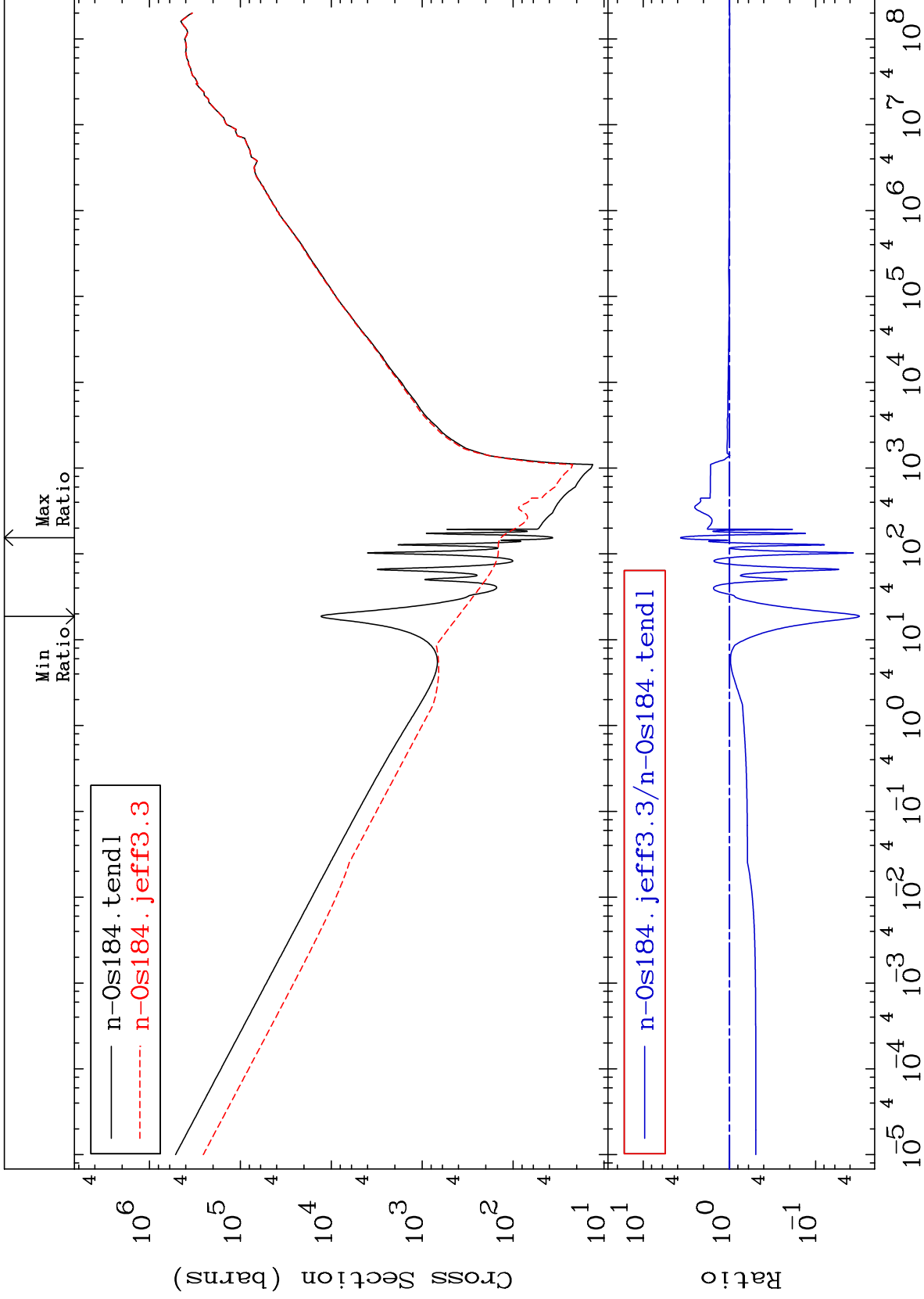
MAT 7625

Dpa total (eV-barns)

⁷⁶Os-¹⁸⁴

-96.89 To 271.3 %

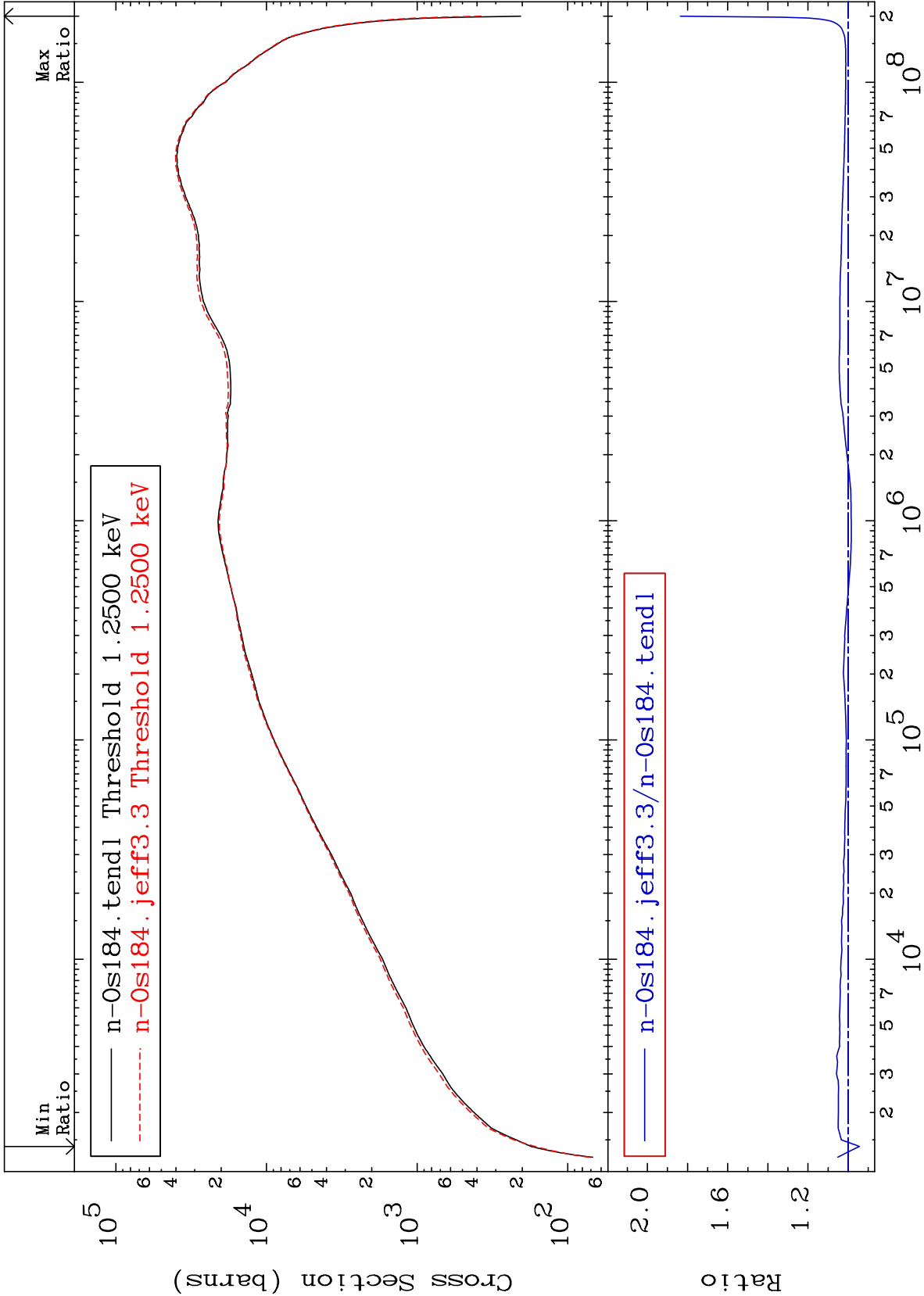
Cross Section



77

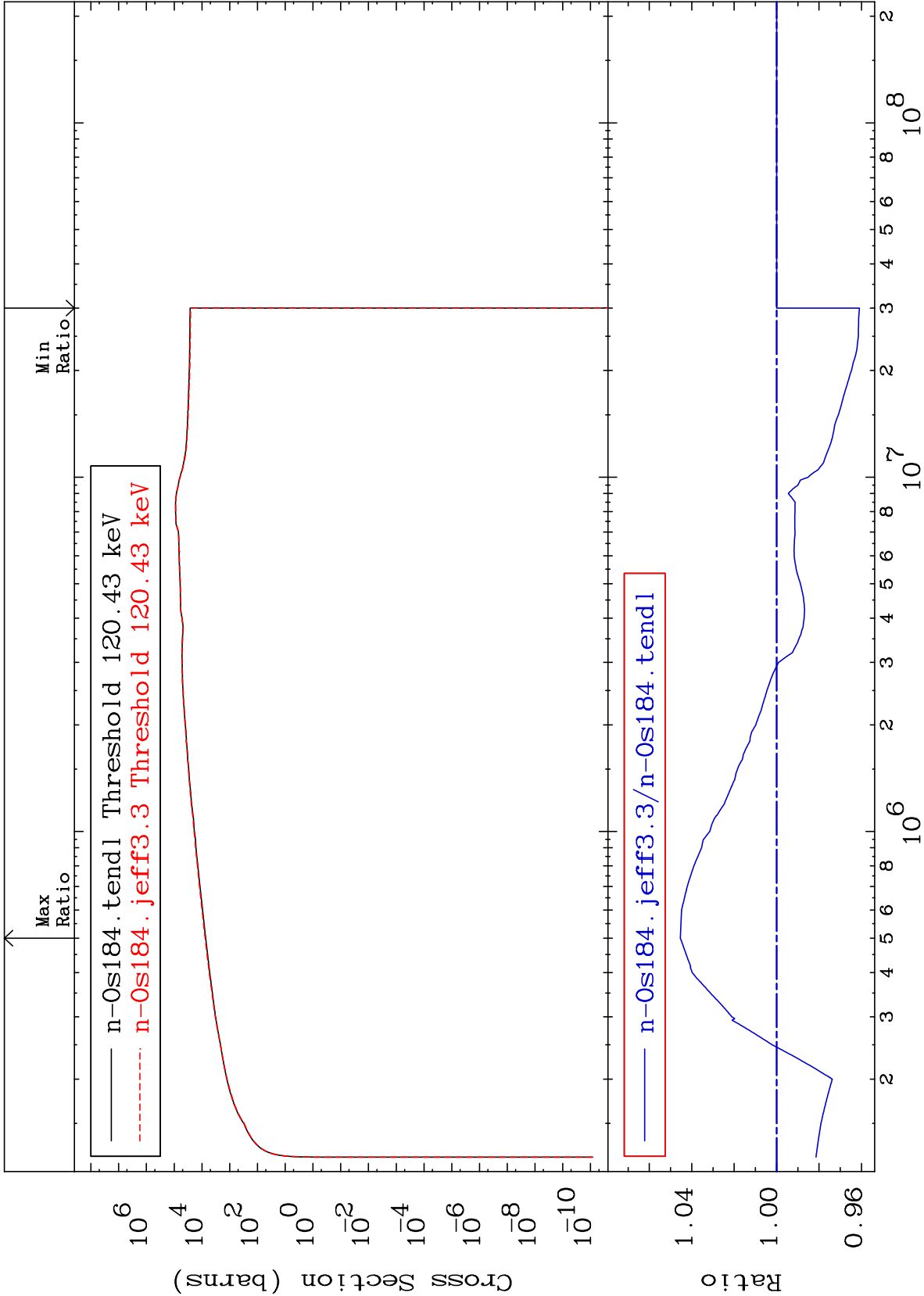
Incident Energy (eV)

⁷⁶Os-¹⁸⁴



Cross Section

-3.902 To 4.537 %



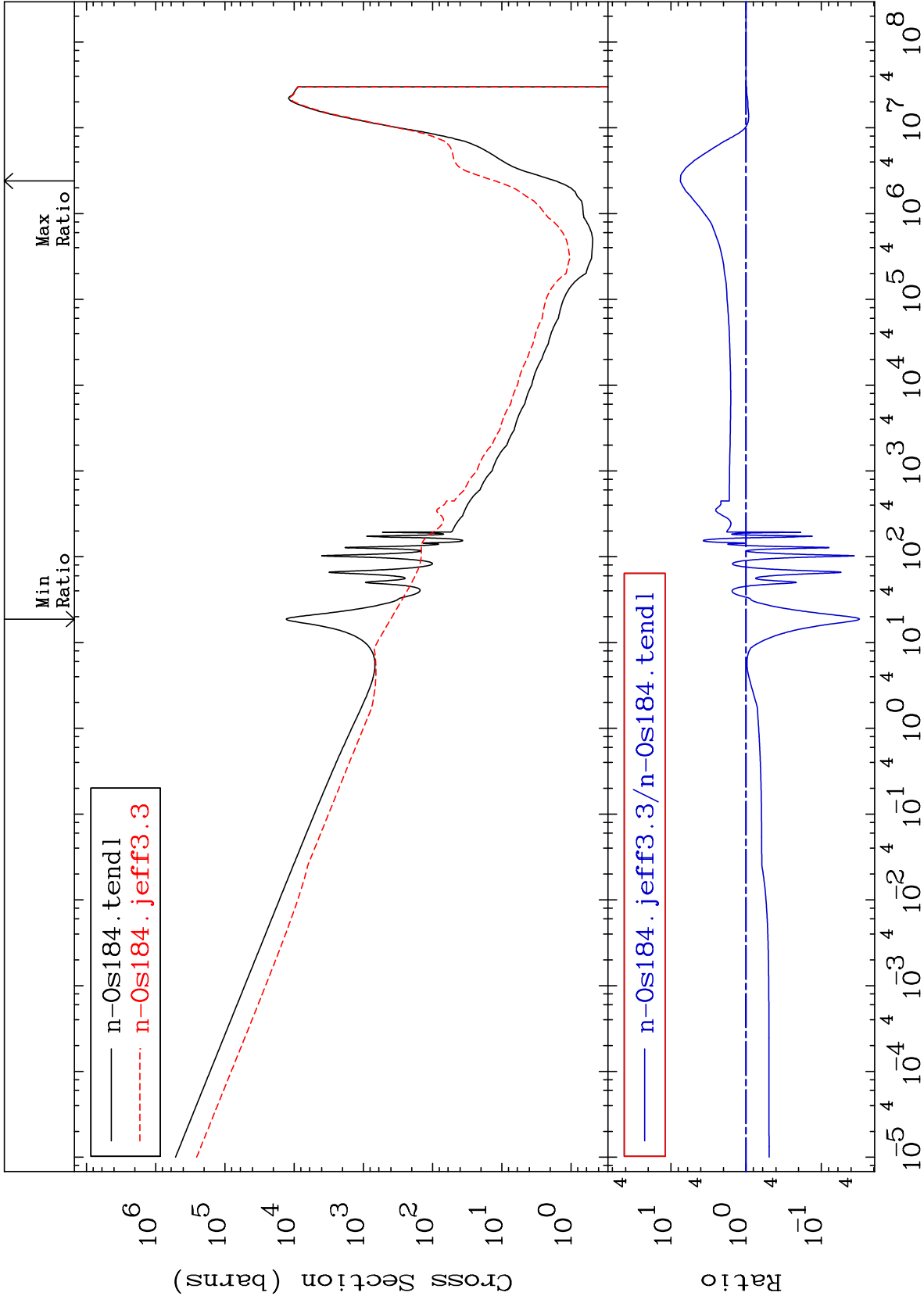
MAT 7625

Dpa disappearance (mt102 -120)

76-0s-184

Cross Section

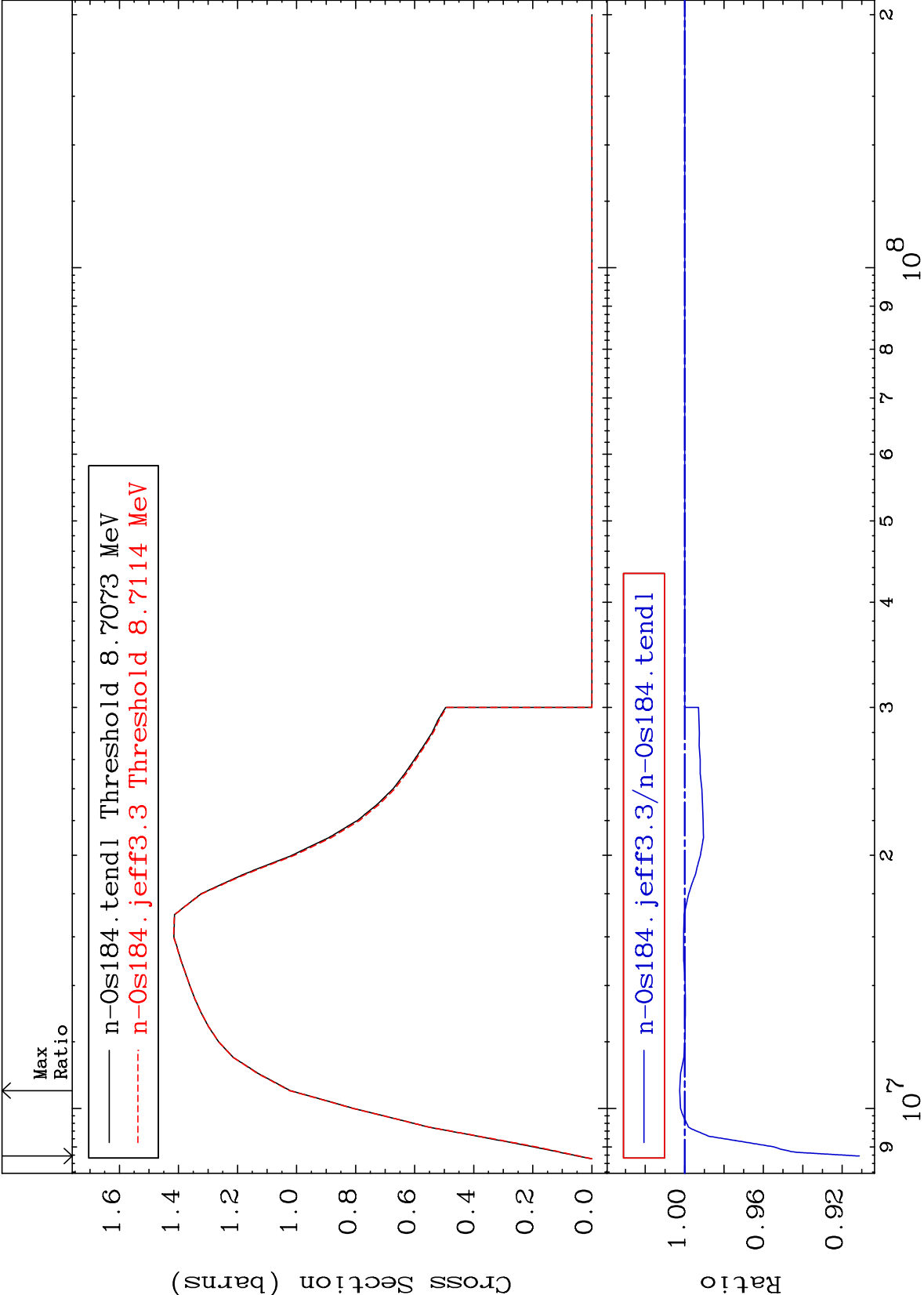
-96.89 To 648.1 %



80

Incident Energy (eV)

76-0s-184



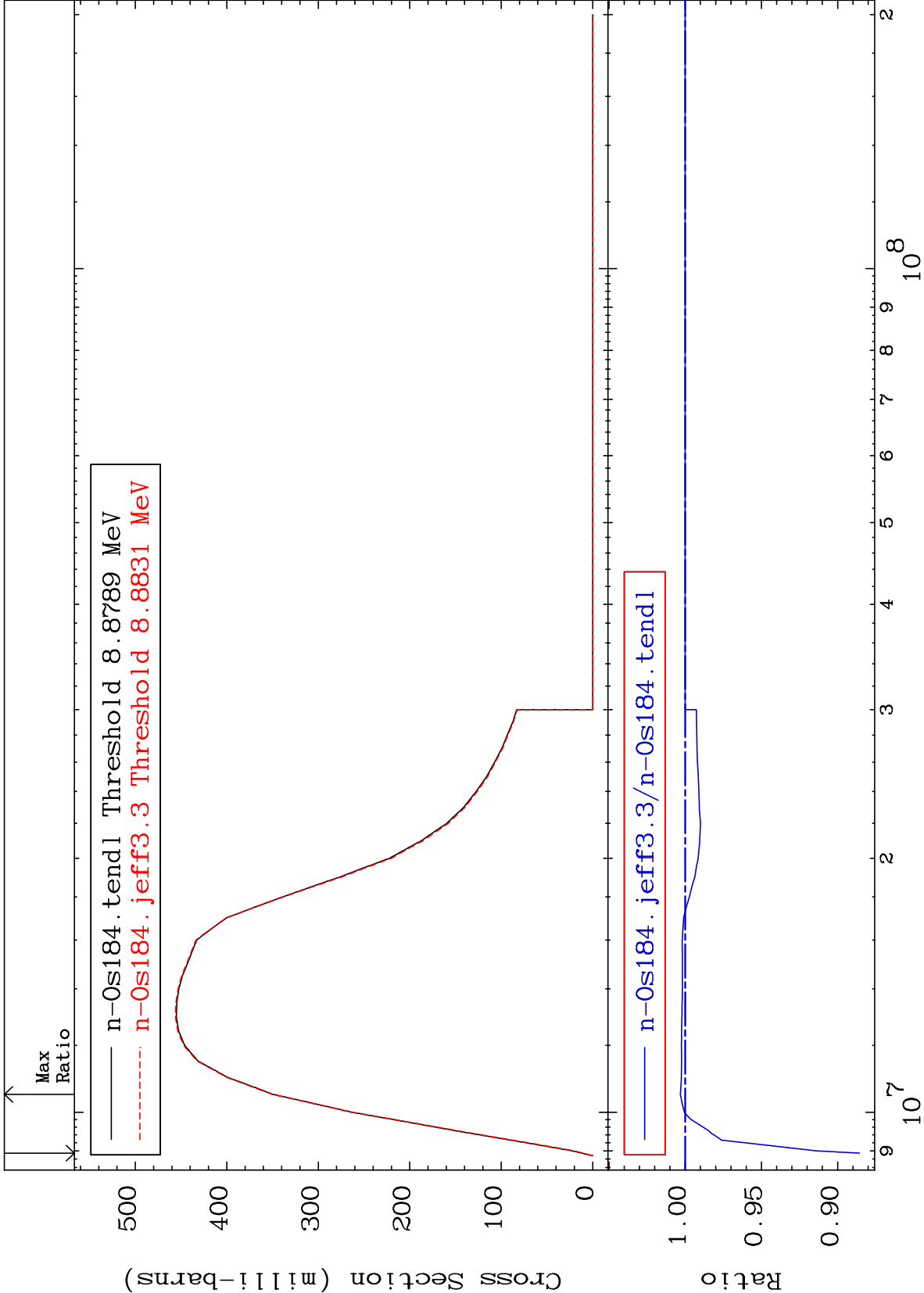
MAT 7625

(n,2n):76-0s-183m2

76-0s-184

Radionuclide Production Cross Section

-11.43 To 0.316 %



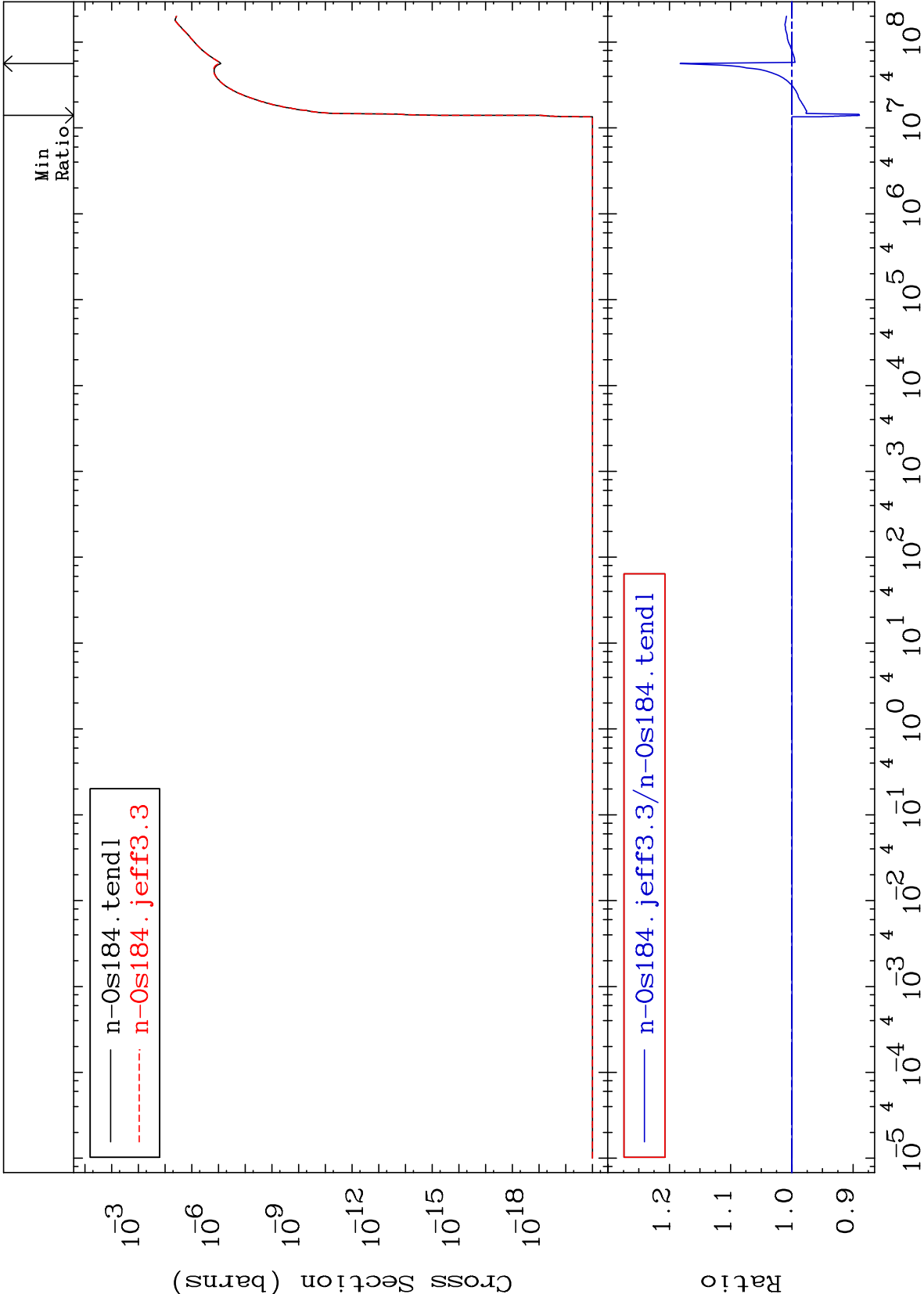
82

Incident Energy (eV)

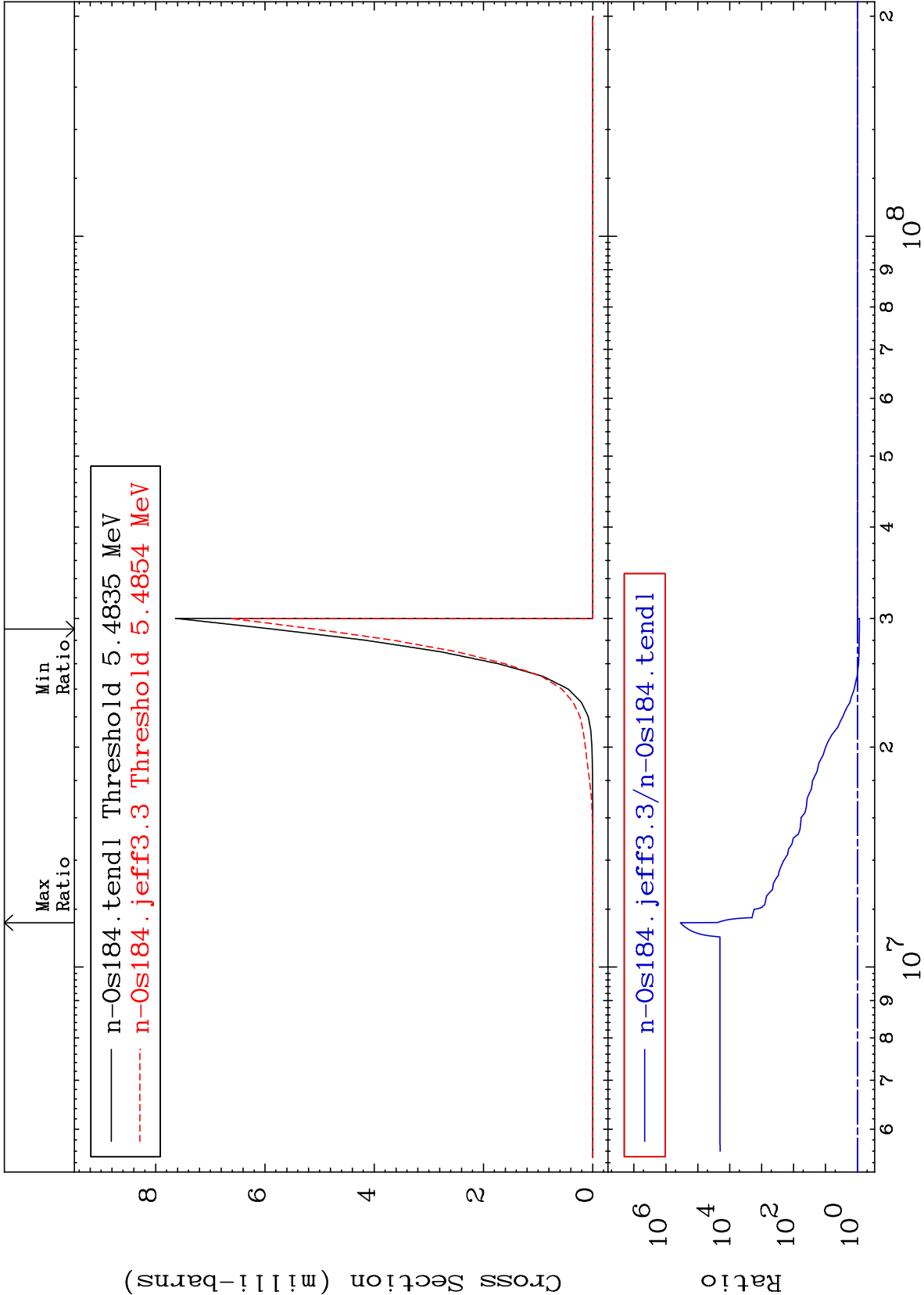
76-0s-184

Radionuclide Production Cross Section

-11.03 To 18.25 %



Radionuclide Production Cross Section -13.10 To 9999. %

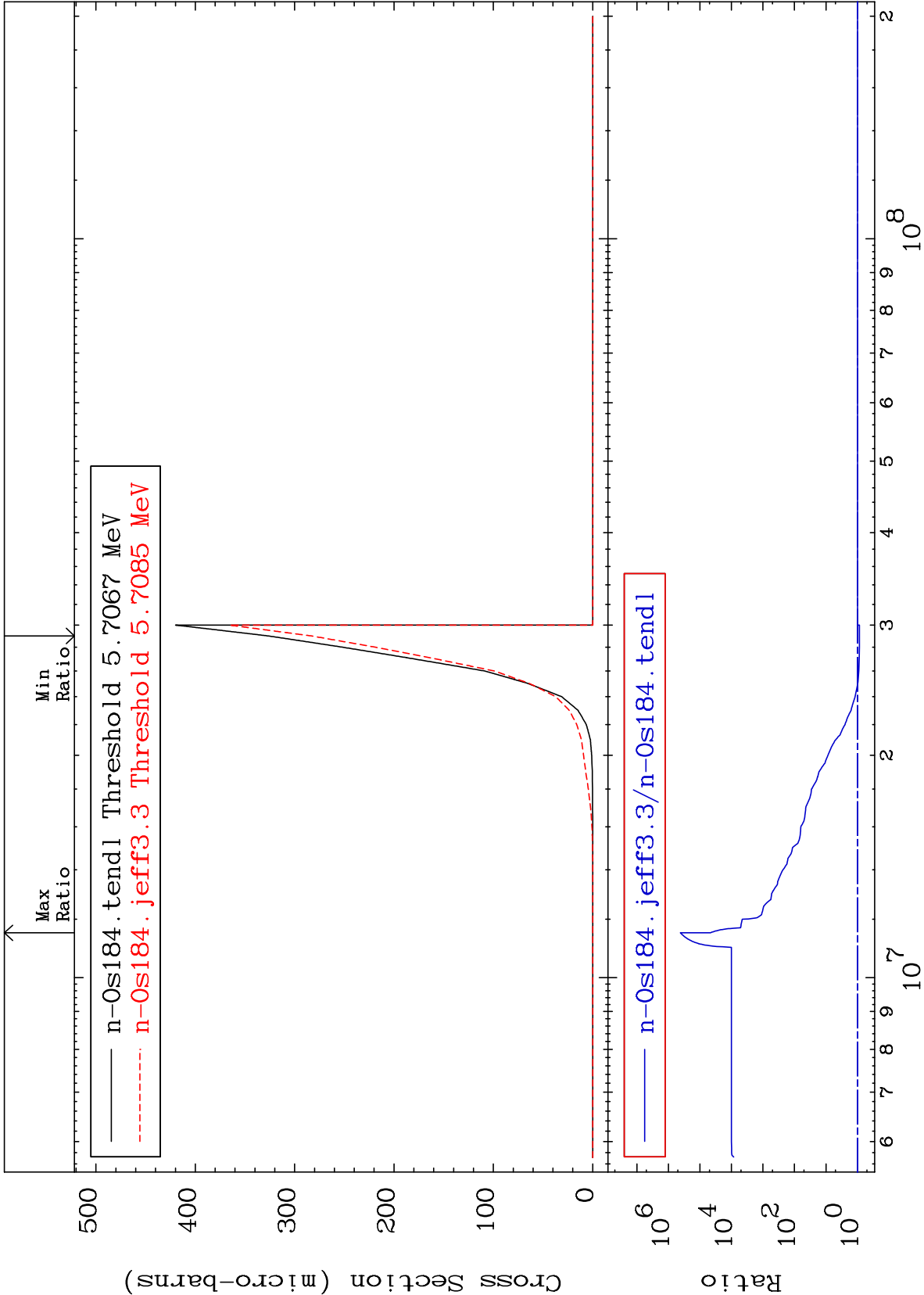


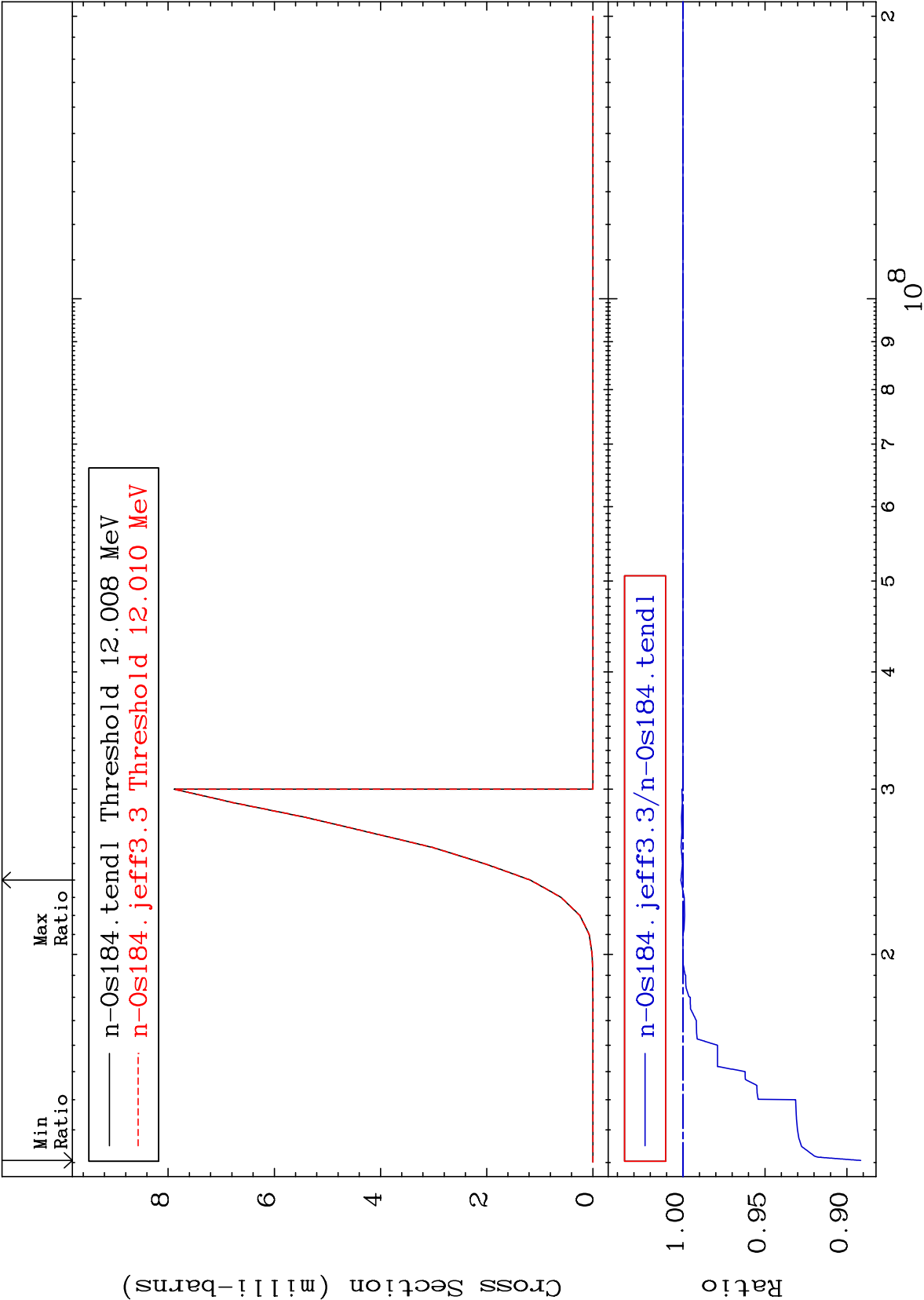
MAT 7625

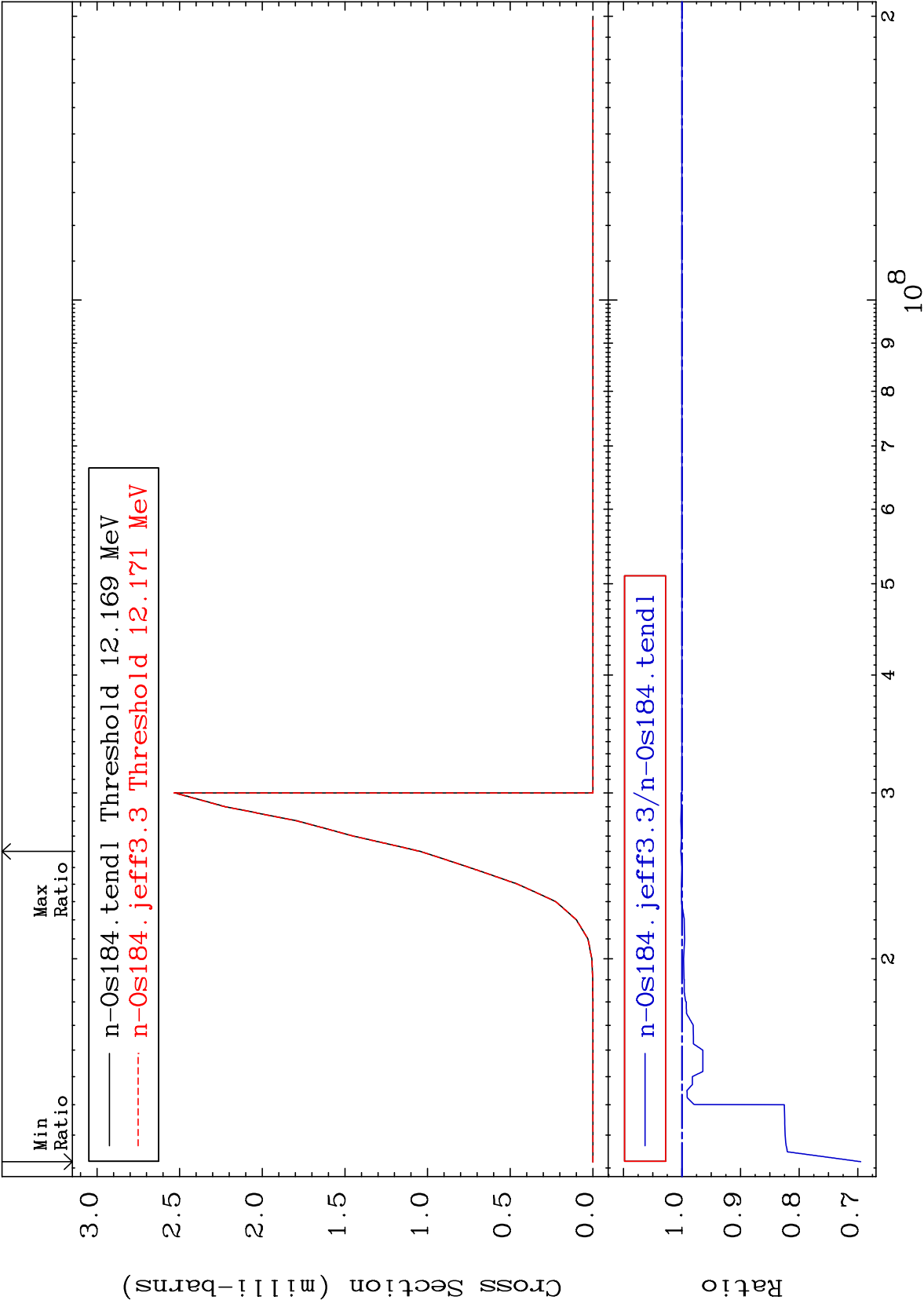
(n,2n) α :74-W -179m2

76-0s-184

Radionuclide Production Cross Section -13.27 To 9999. %







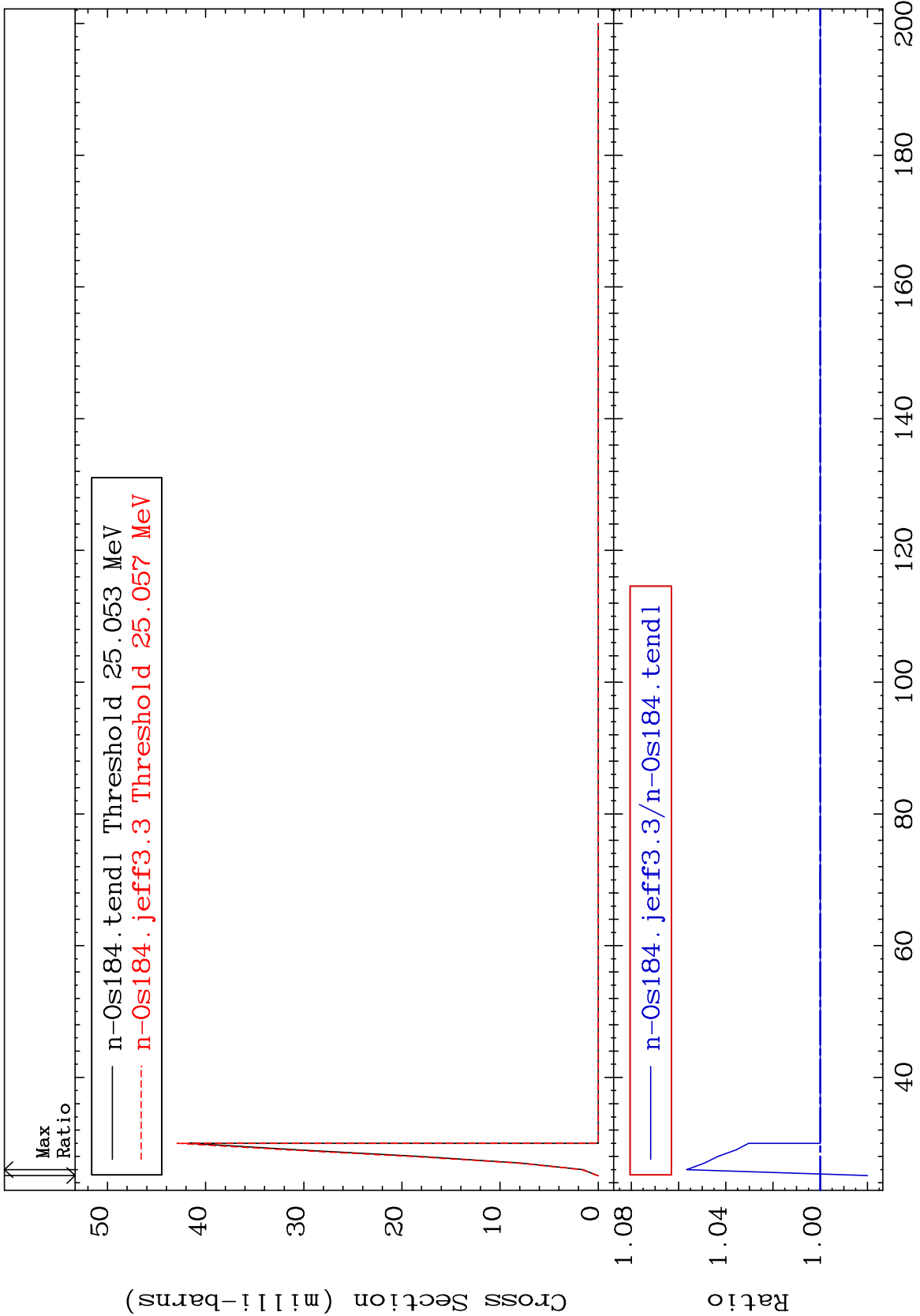
MAT 7625

(n,4n):76-Os-181g

76-Os-184

Radionuclide Production Cross Section

-2.001 To 5.656 %



MAT 7625

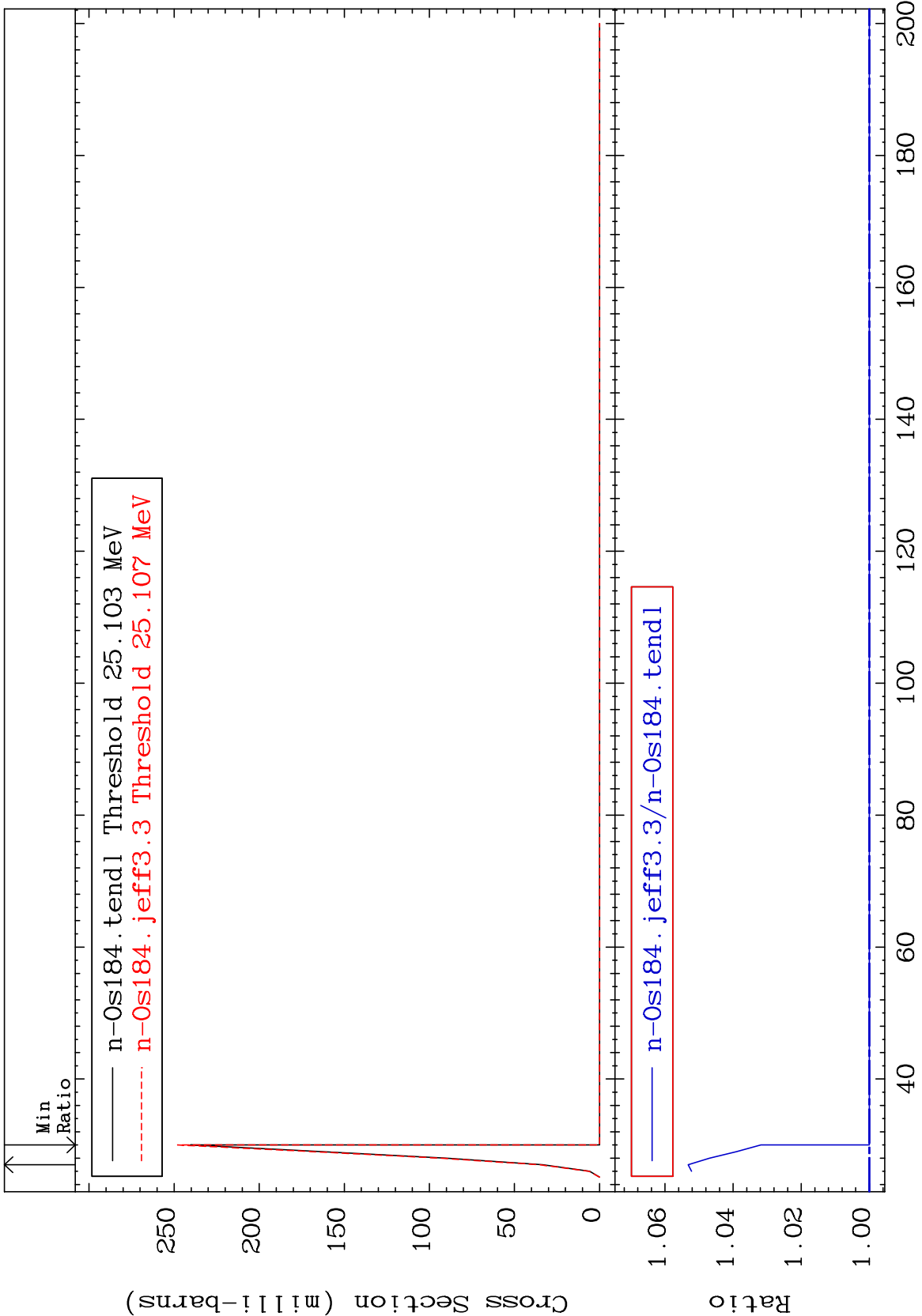
(n,4n):76-Os-181m1

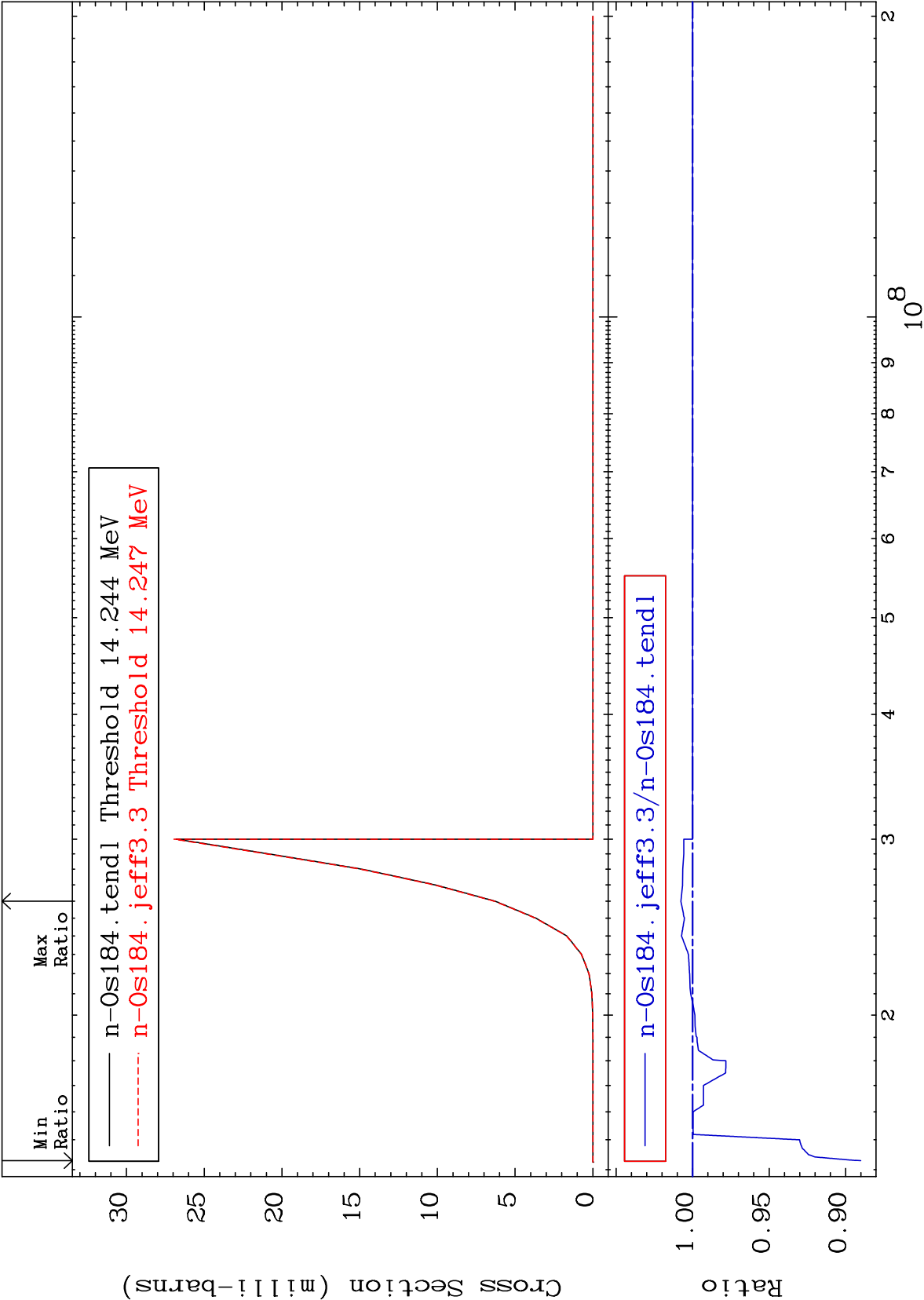
76-Os-184

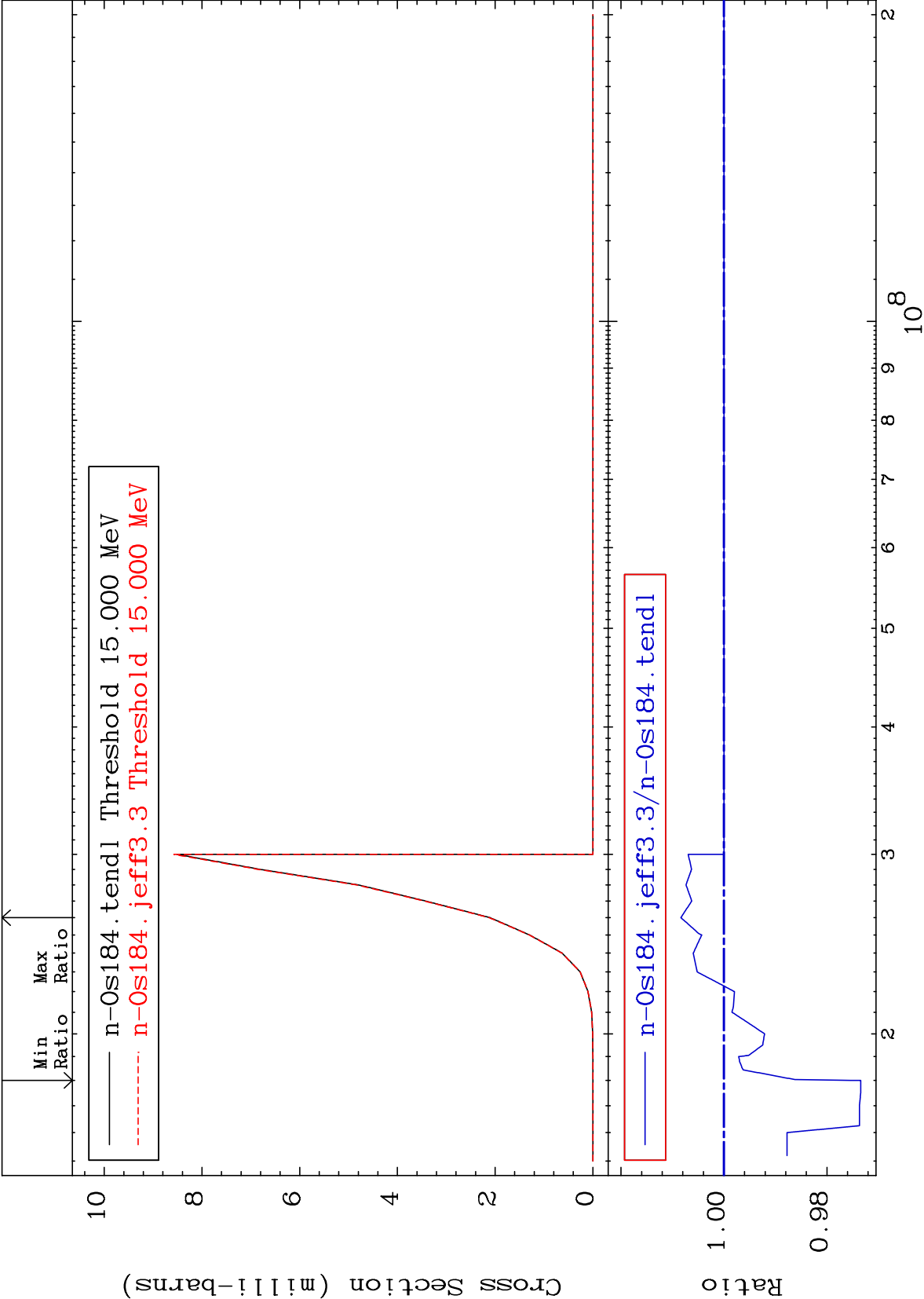
Radionuclide Production Cross Section

0.000

To 5.319 %



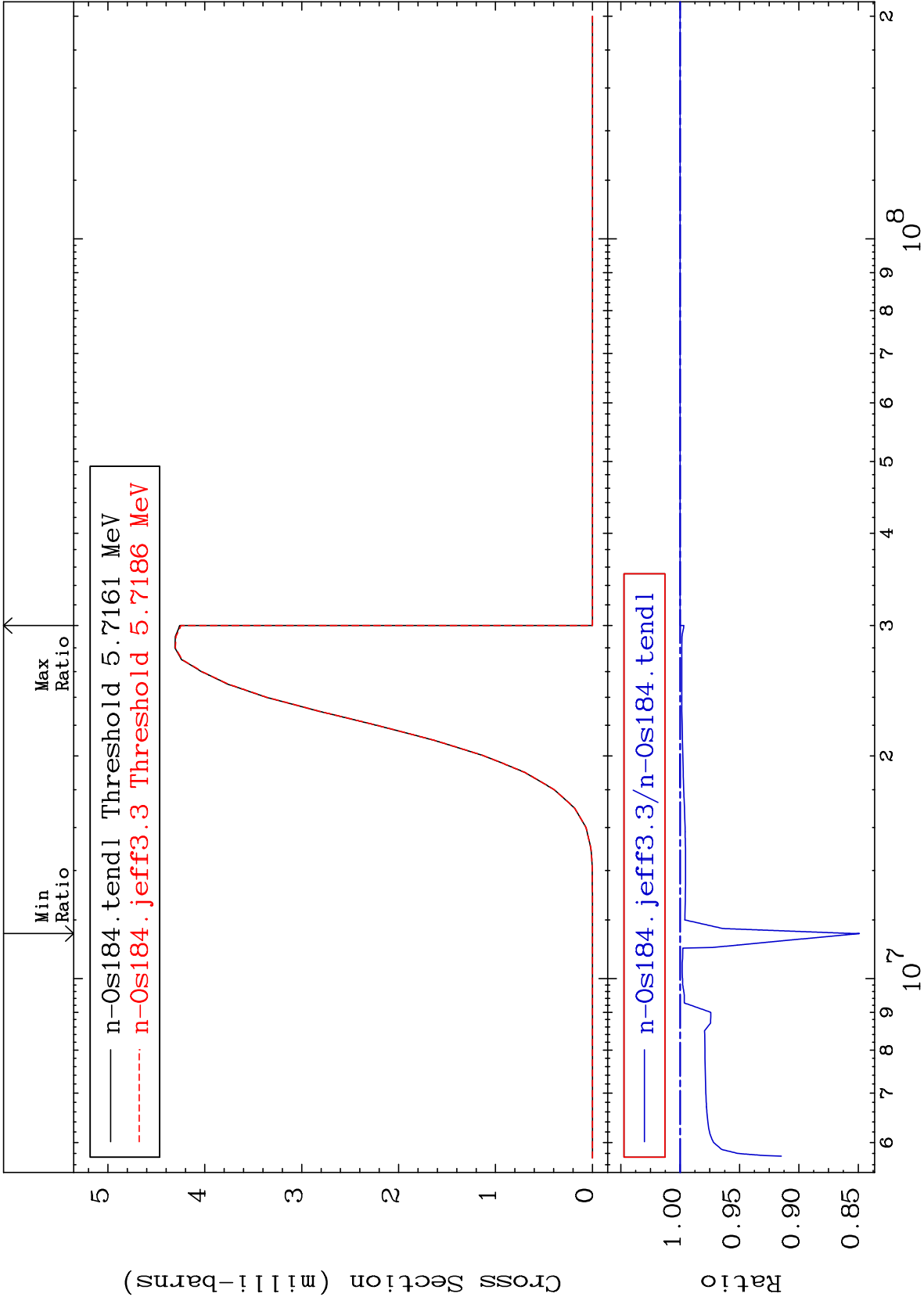


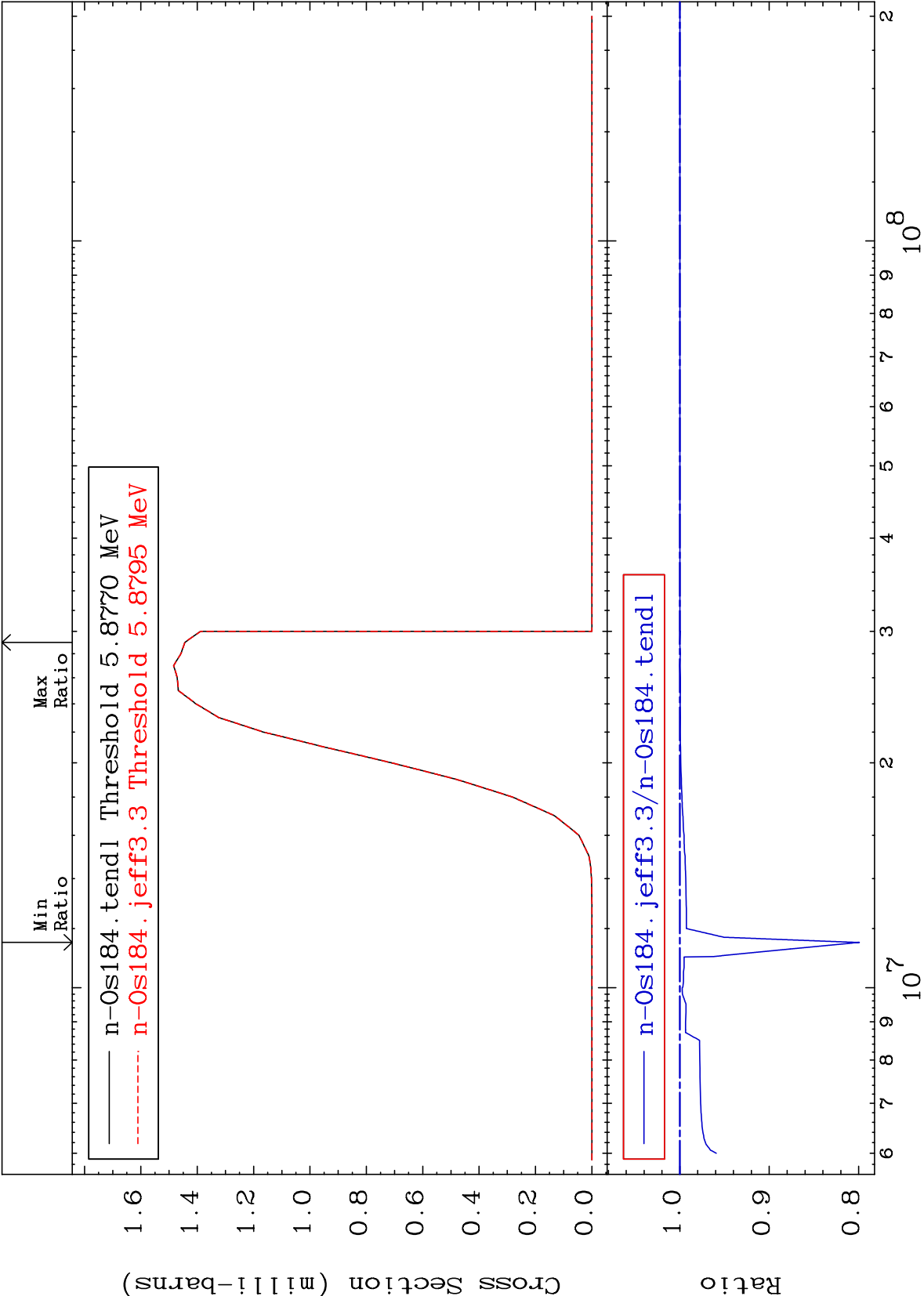


MAT 7625

(n,t):75-Re-182g 76-Os-184

Radionuclide Production Cross Section -15.10 To 0.000 %





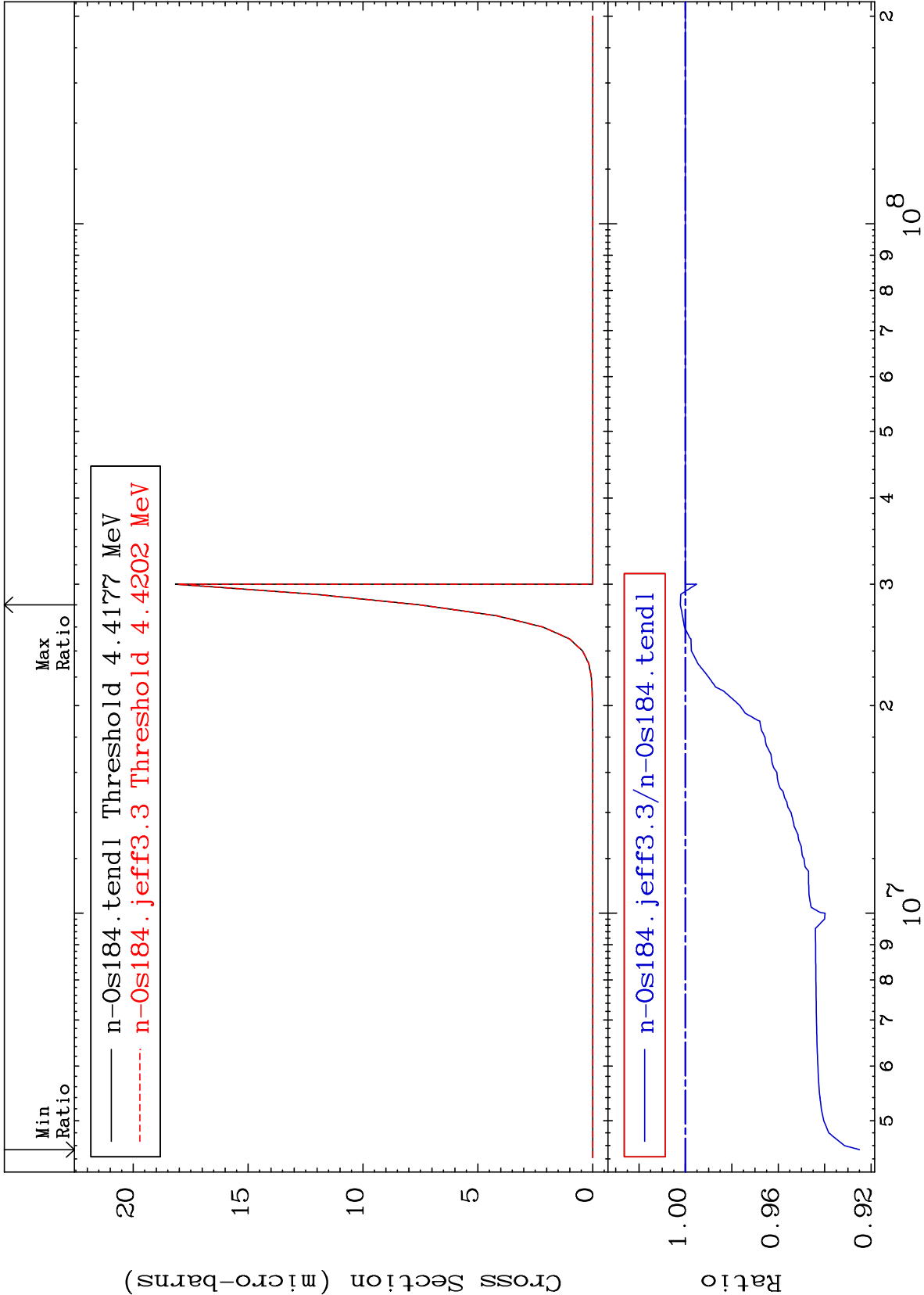
MAT 7625

(n,2p):74-W -183g

76-0s-184

Radionuclide Production Cross Section

-7.498 To 0.217 %



94

Incident Energy (eV)

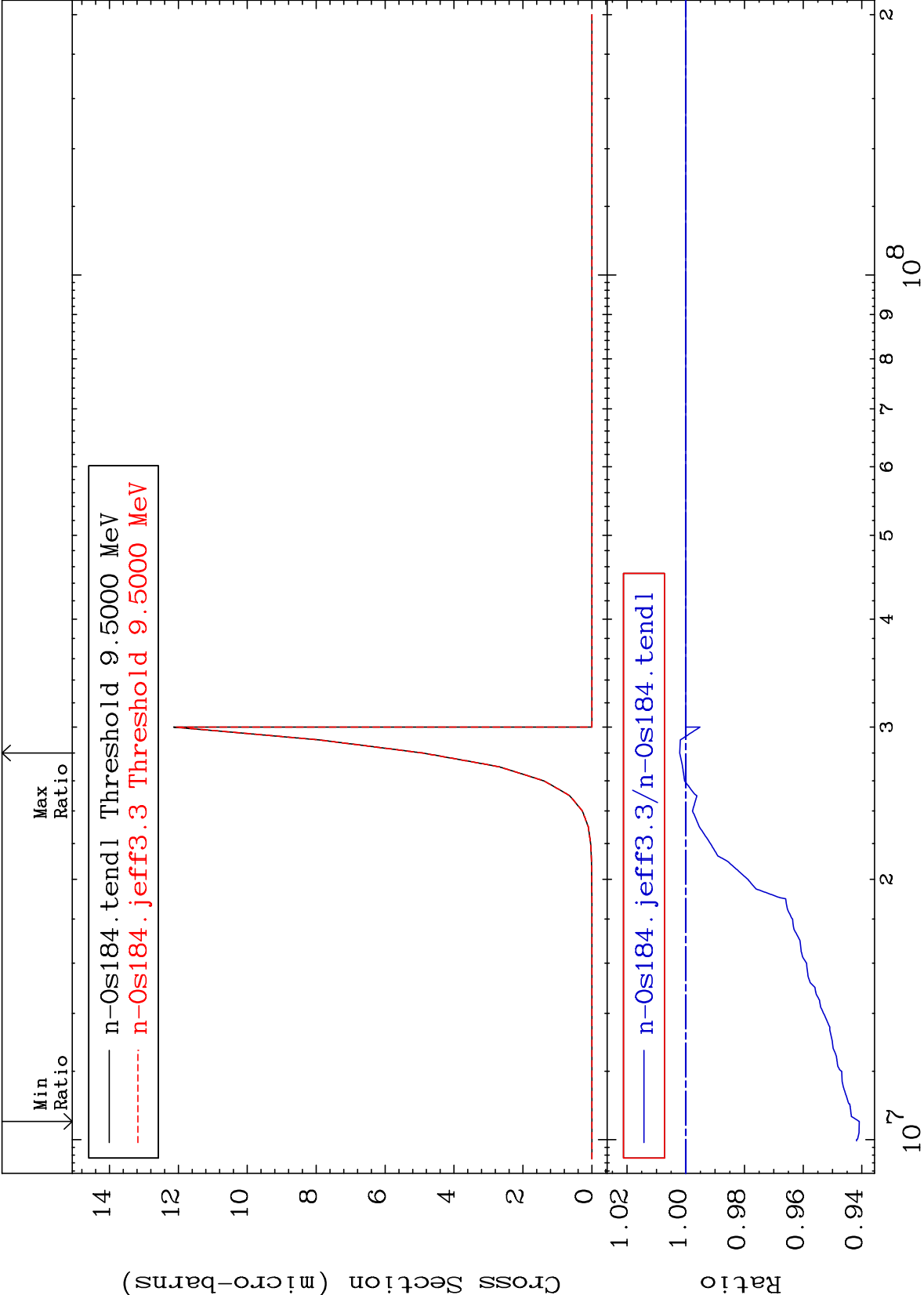
76-0s-184

MAT 7625

(n,2p):74-W -183m7

76-0s-184

Radionuclide Production Cross Section -5.912 To 0.205 %



Incident Energy (eV)

76-0s-184