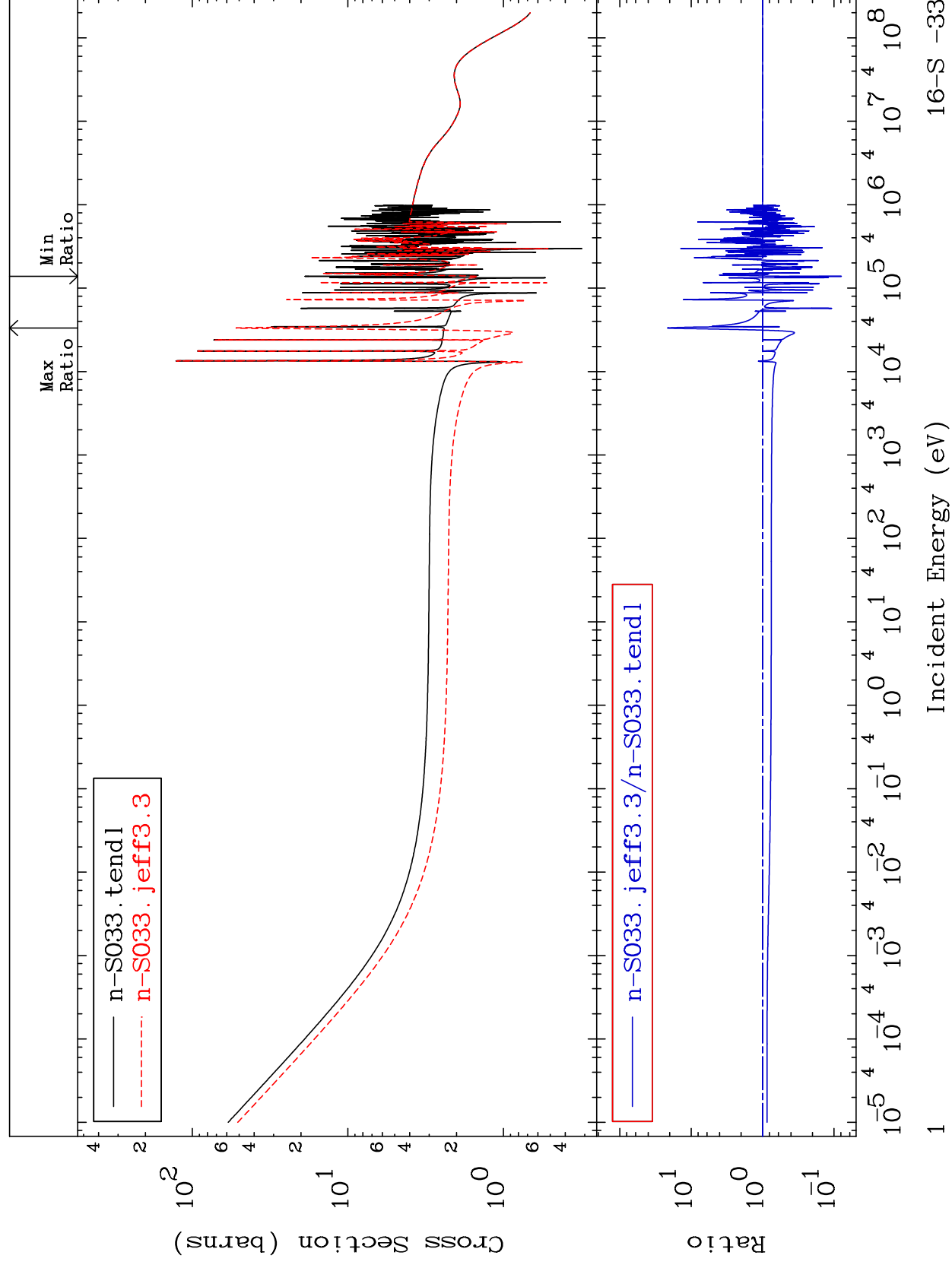
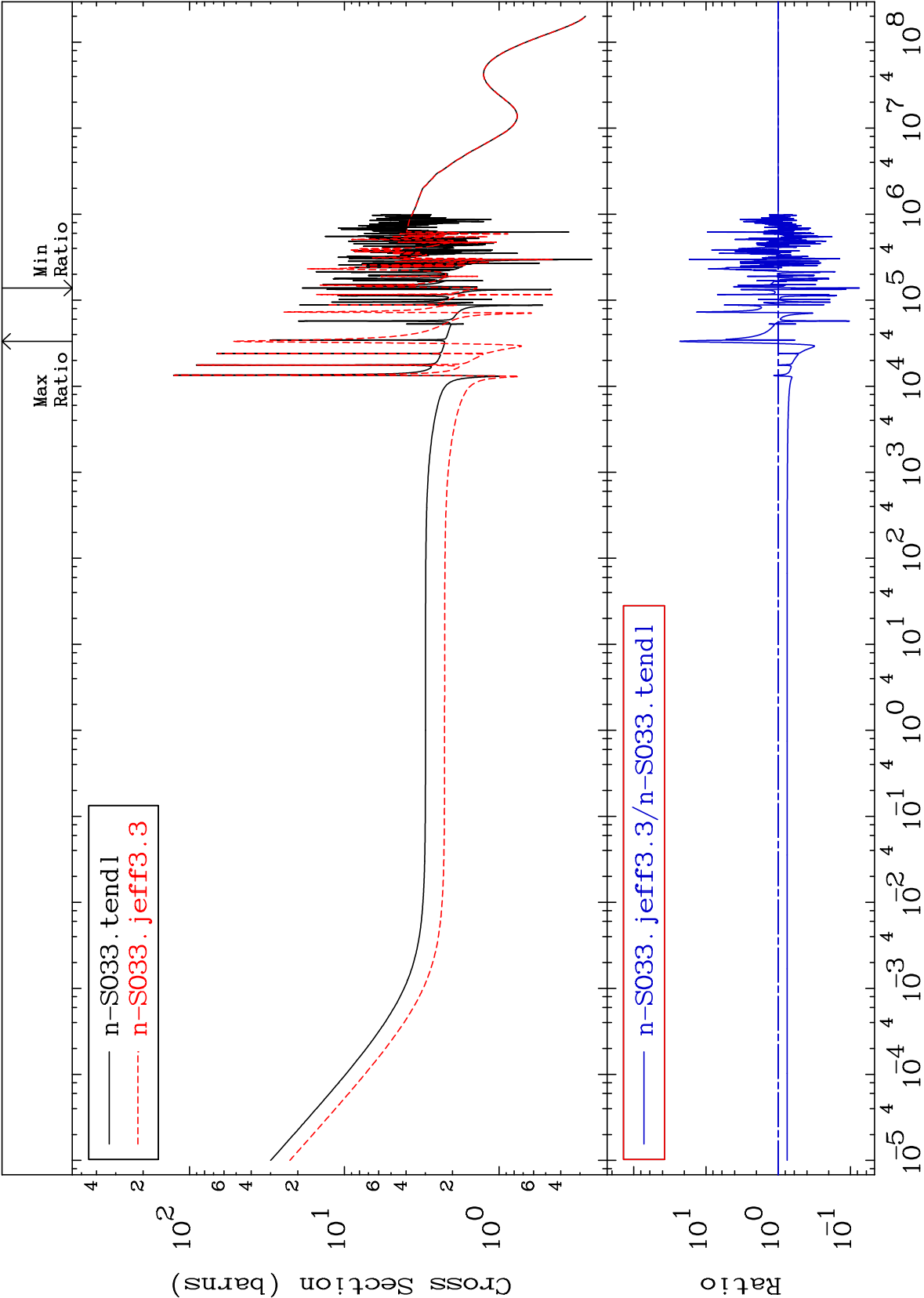


MAT 1628

Total
Cross Section

16-S -33
-92.12 To 2072. %

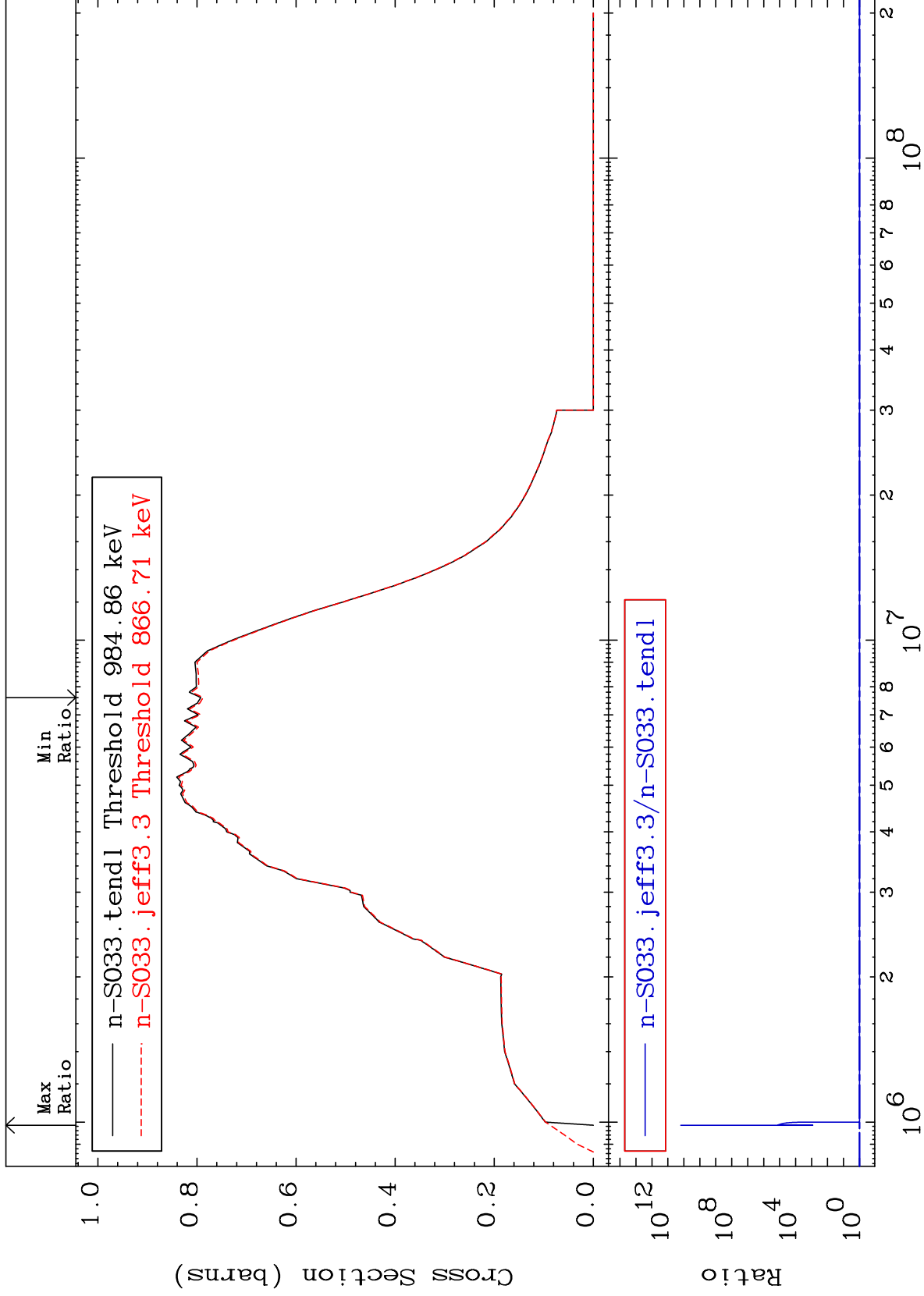




MAT 1628

Inelastic
Cross Section

16-S -33
-0.612 To 9999. %



3

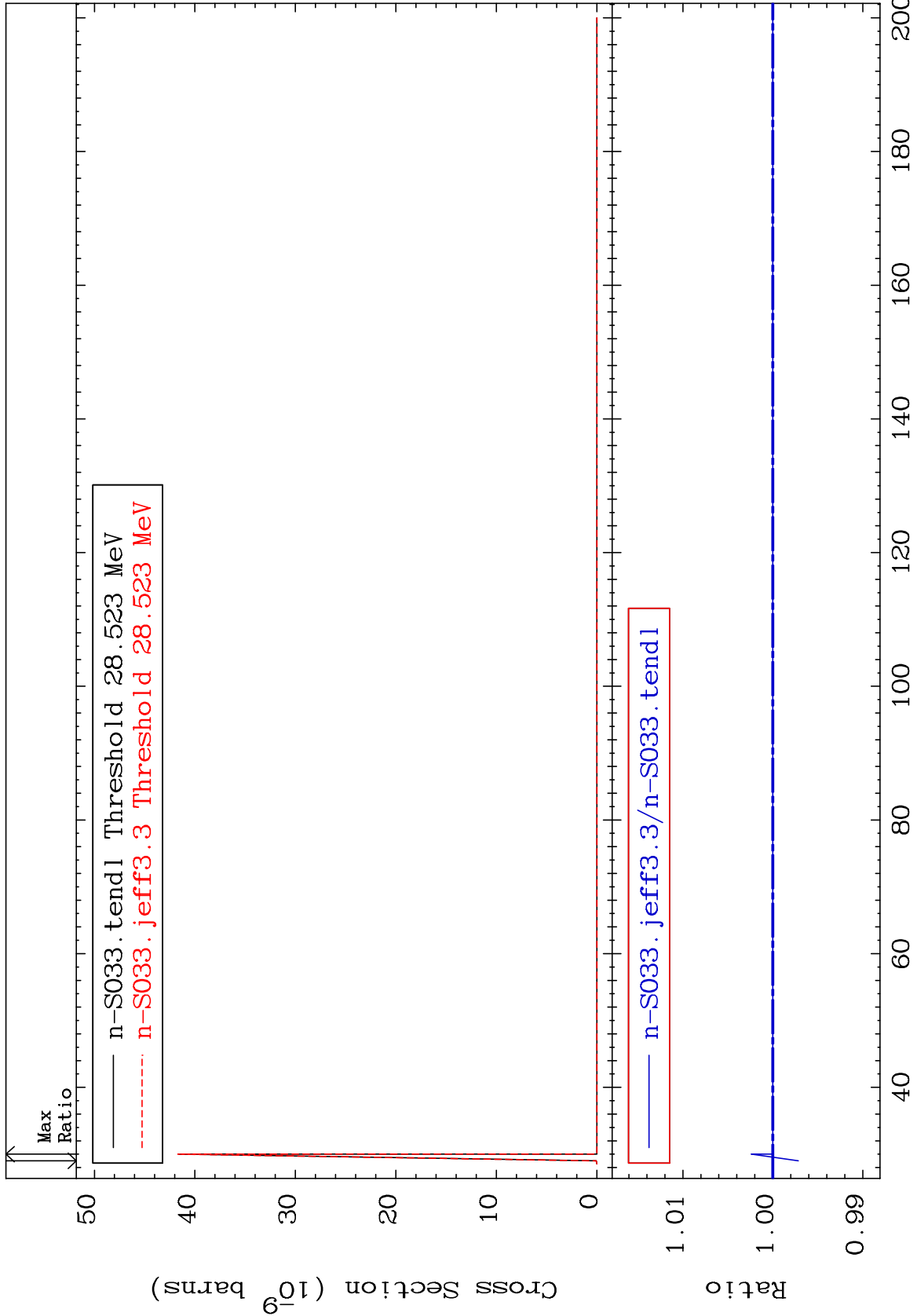
Incident Energy (eV)

16-S -33

MAT 1628

(n,2n) d
Cross Section

16-S -33
-0.284 To 0.240 %



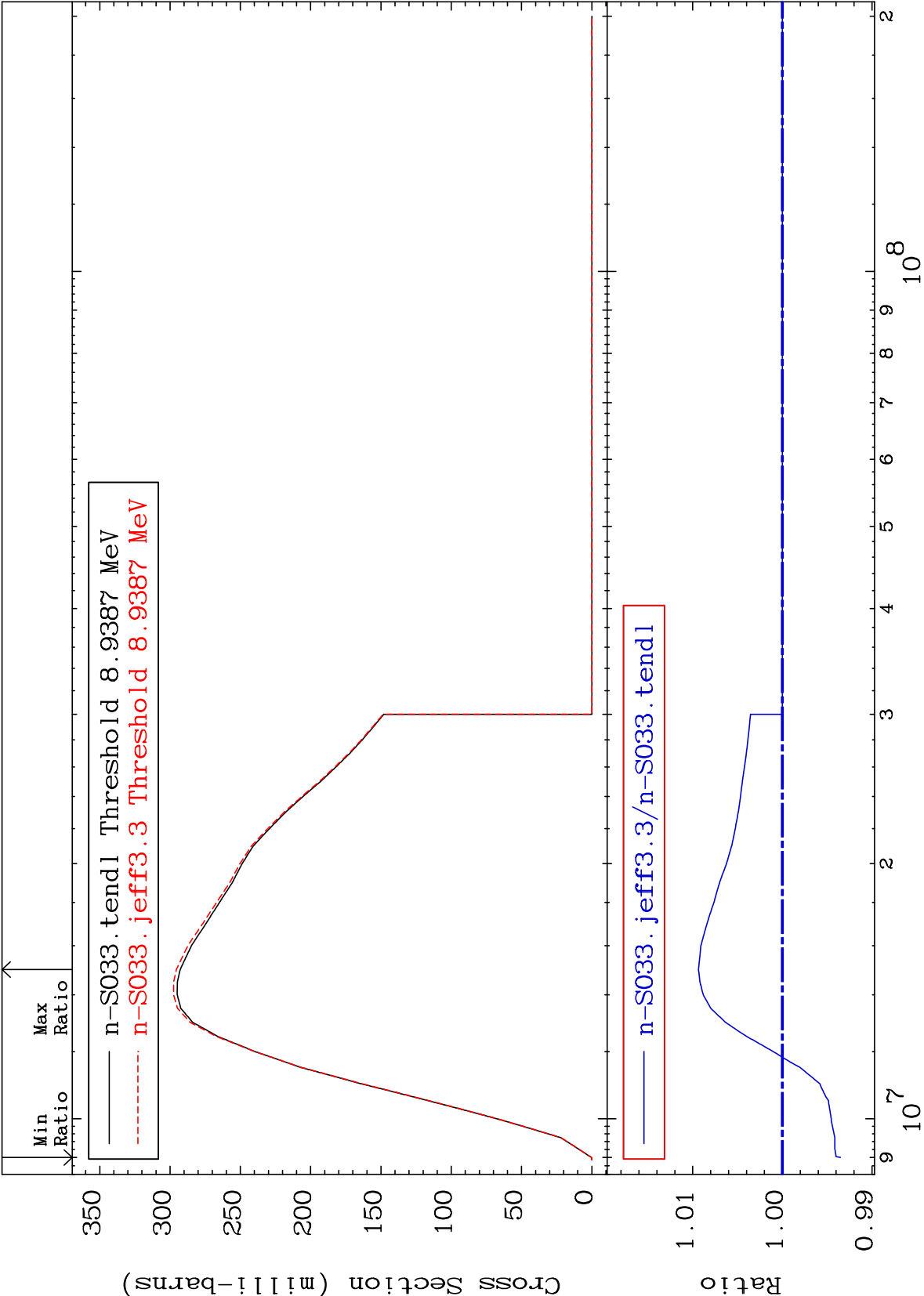
MAT 1628

(n,2n)

16-S -33

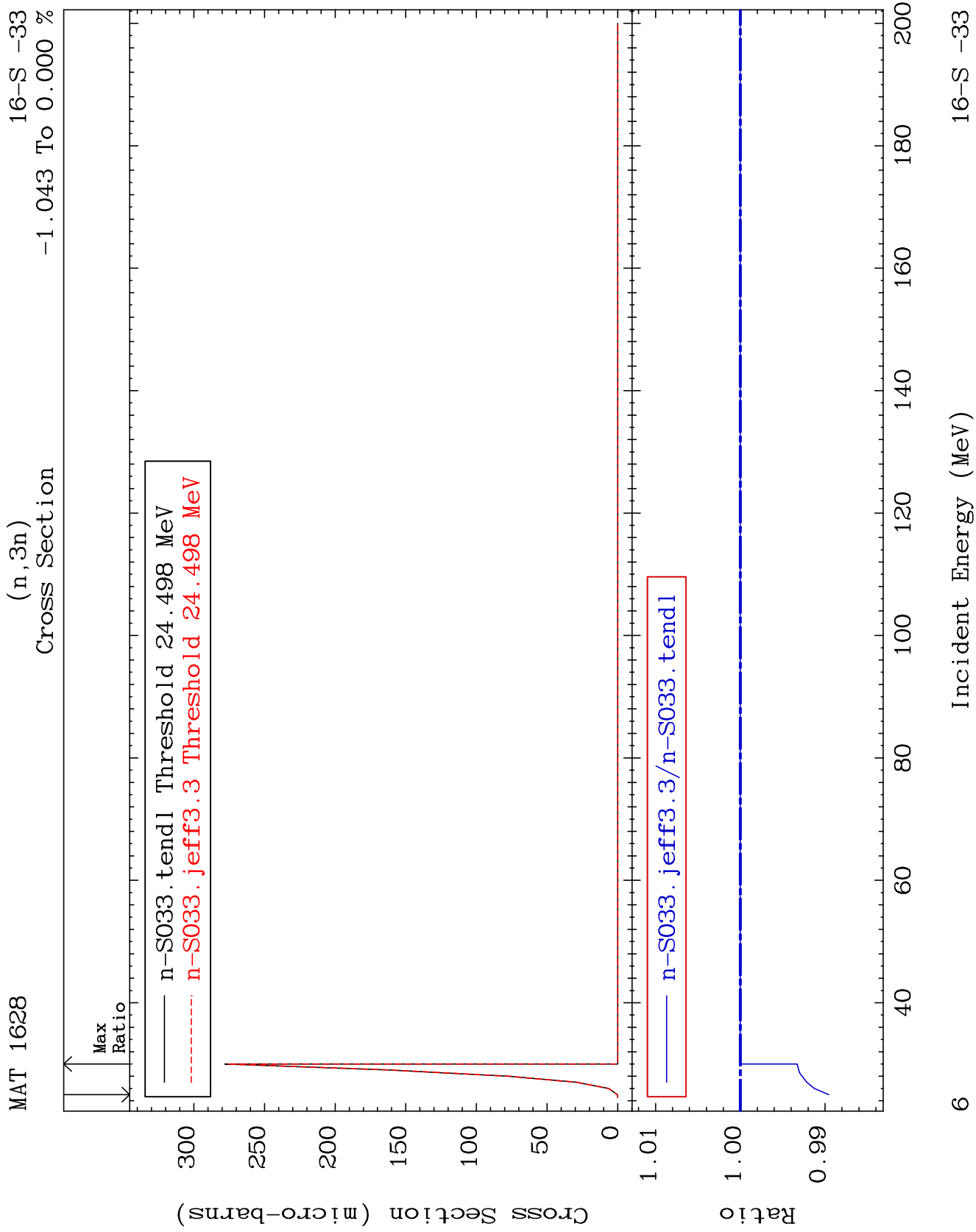
Cross Section

-0.649 To 0.936 %



Incident Energy (eV)

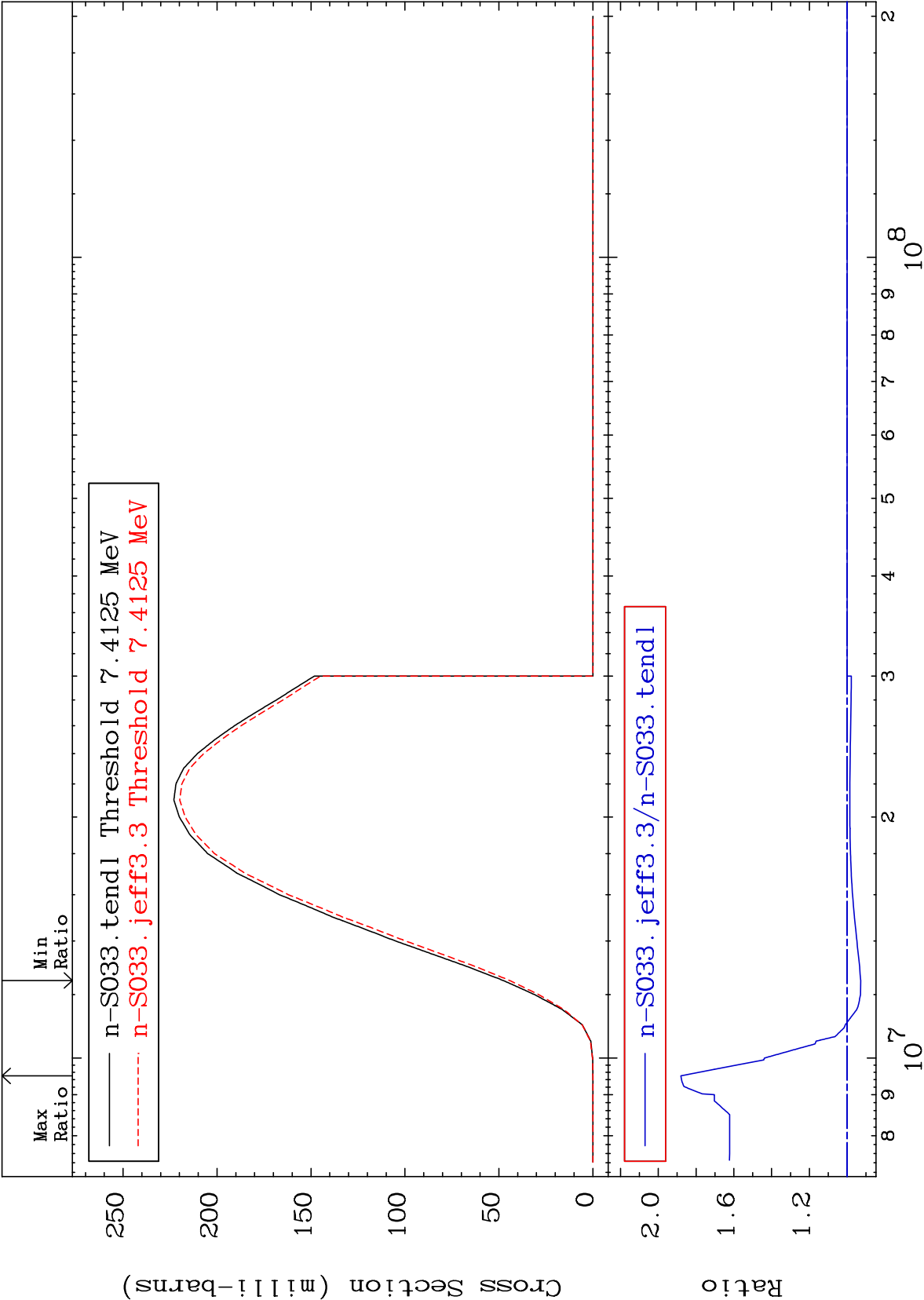
16-S -33



MAT 1628

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

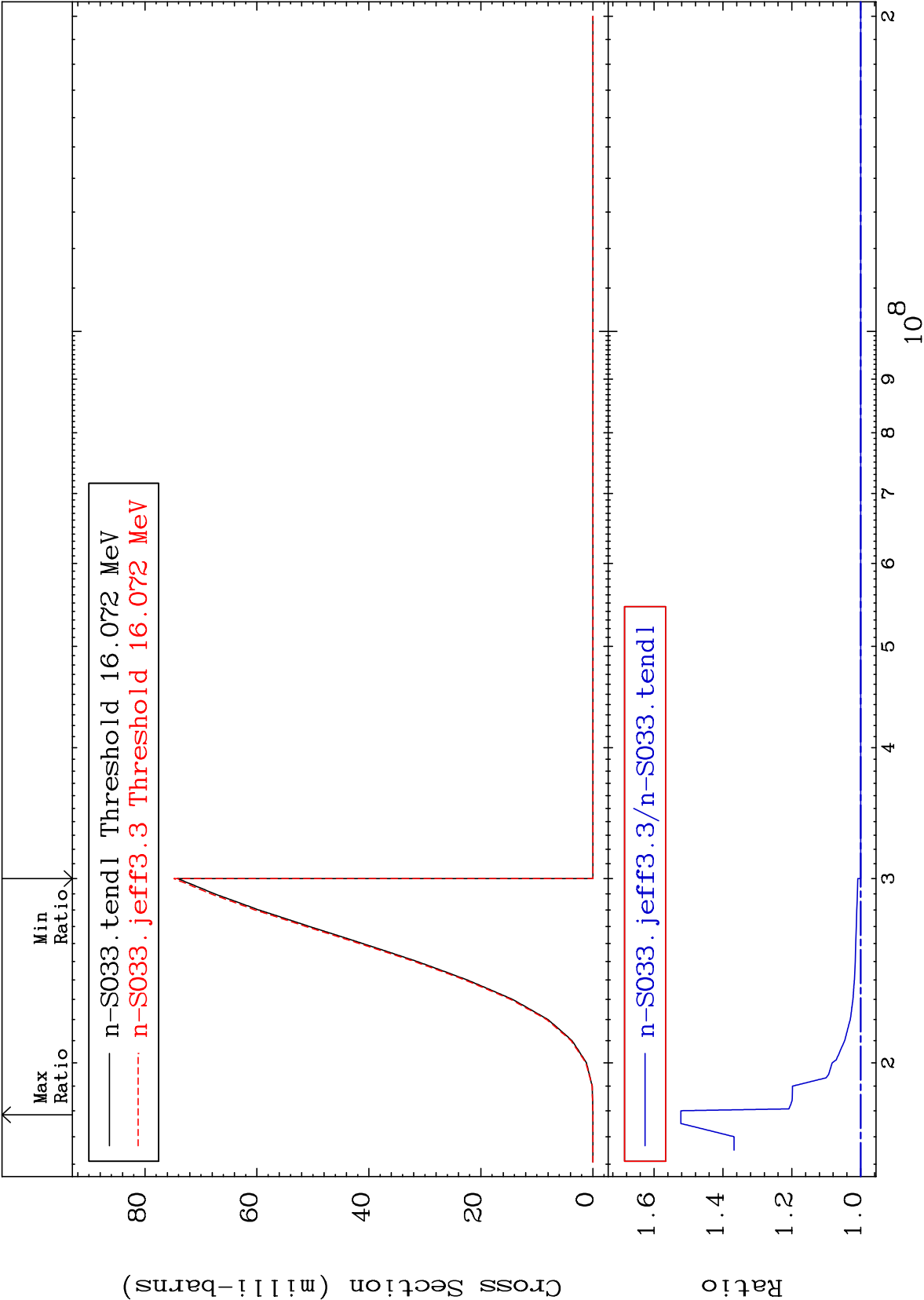
16-S -33
-7.182 To 88.02 %

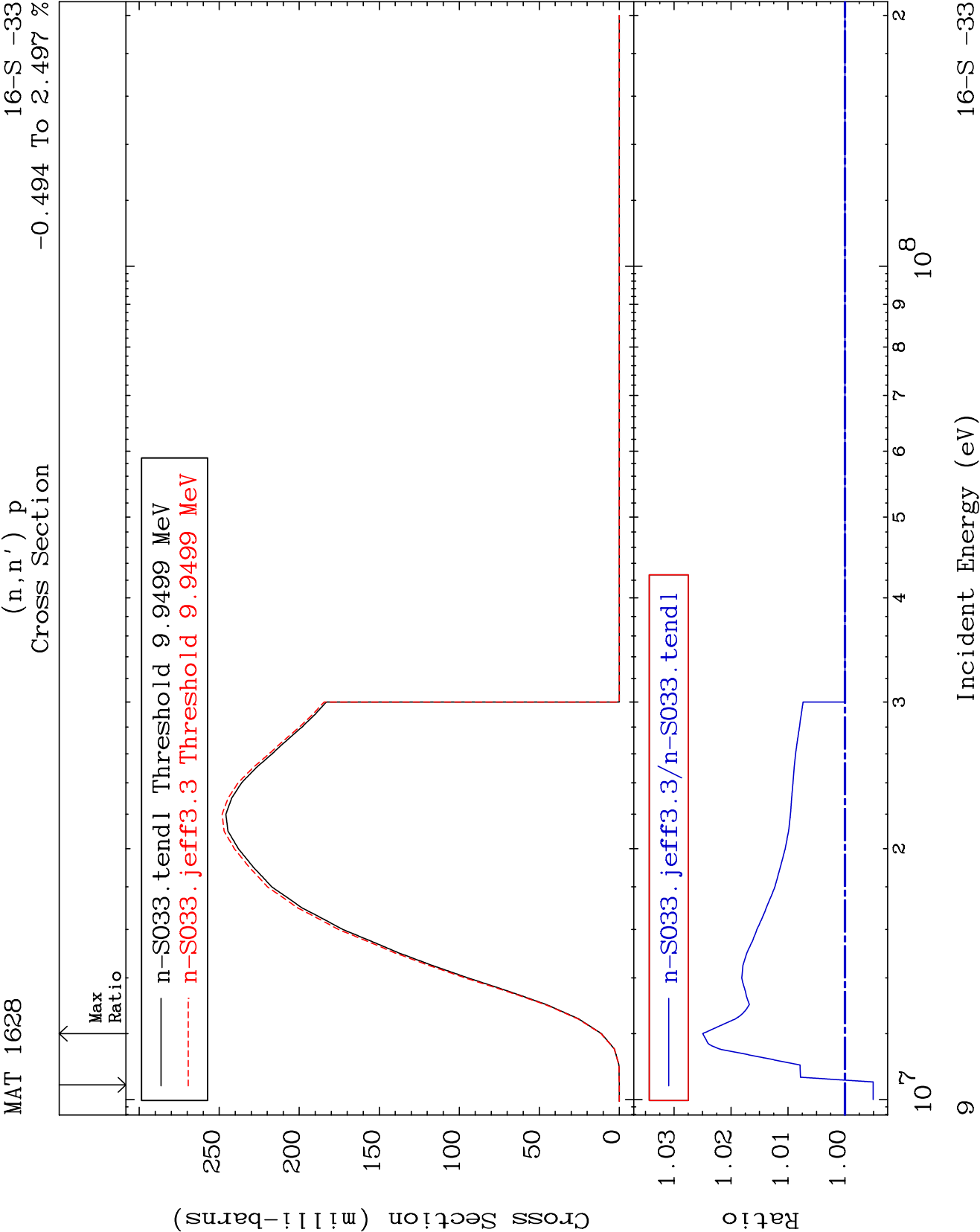


MAT 1628

(n,2n) α
Cross Section

16-S -33
0.000 To 52.22 %





MAT 1628

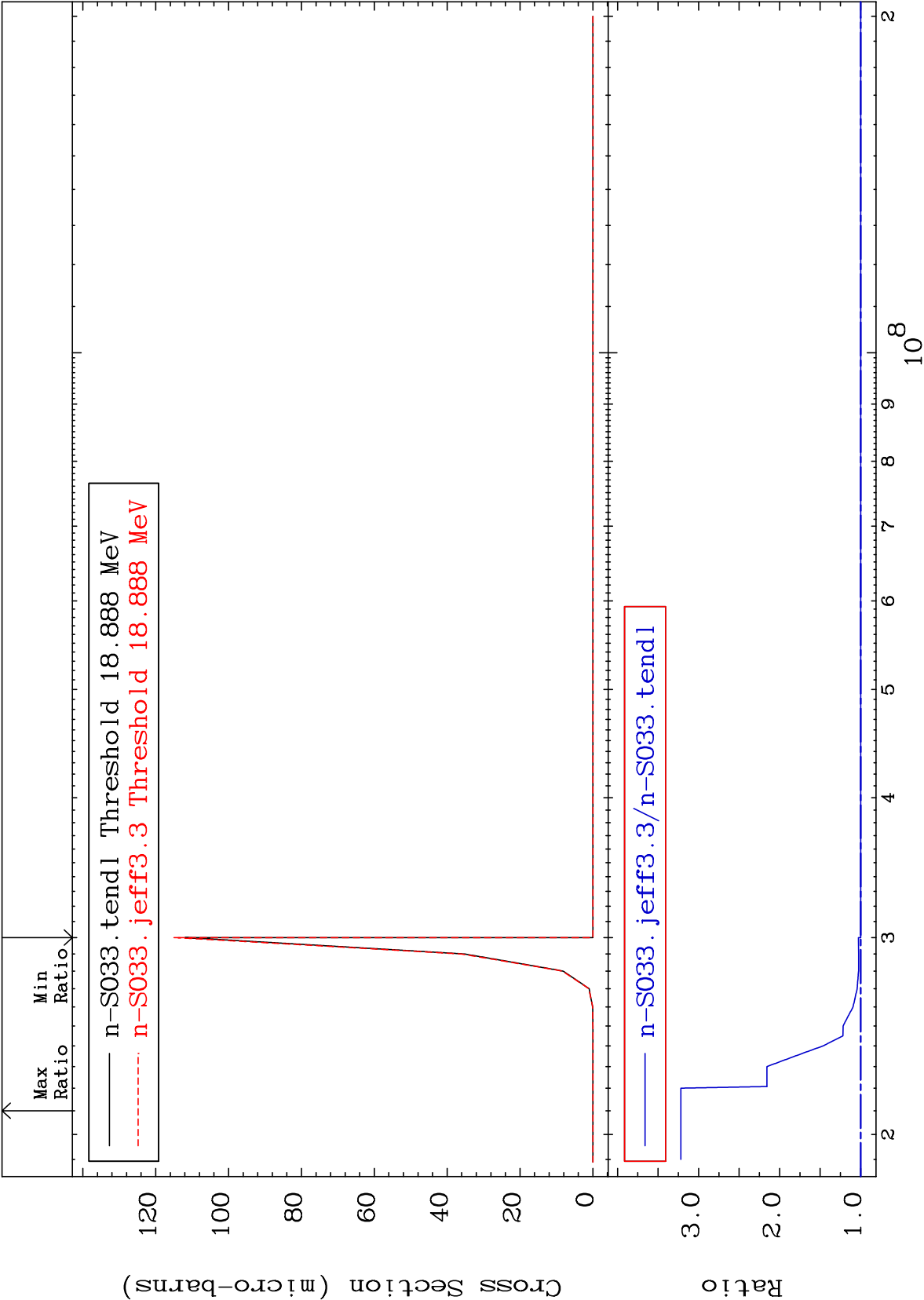
(n,n') 2 α

16-S -33

Cross Section

0.000

To 221.8 %



10

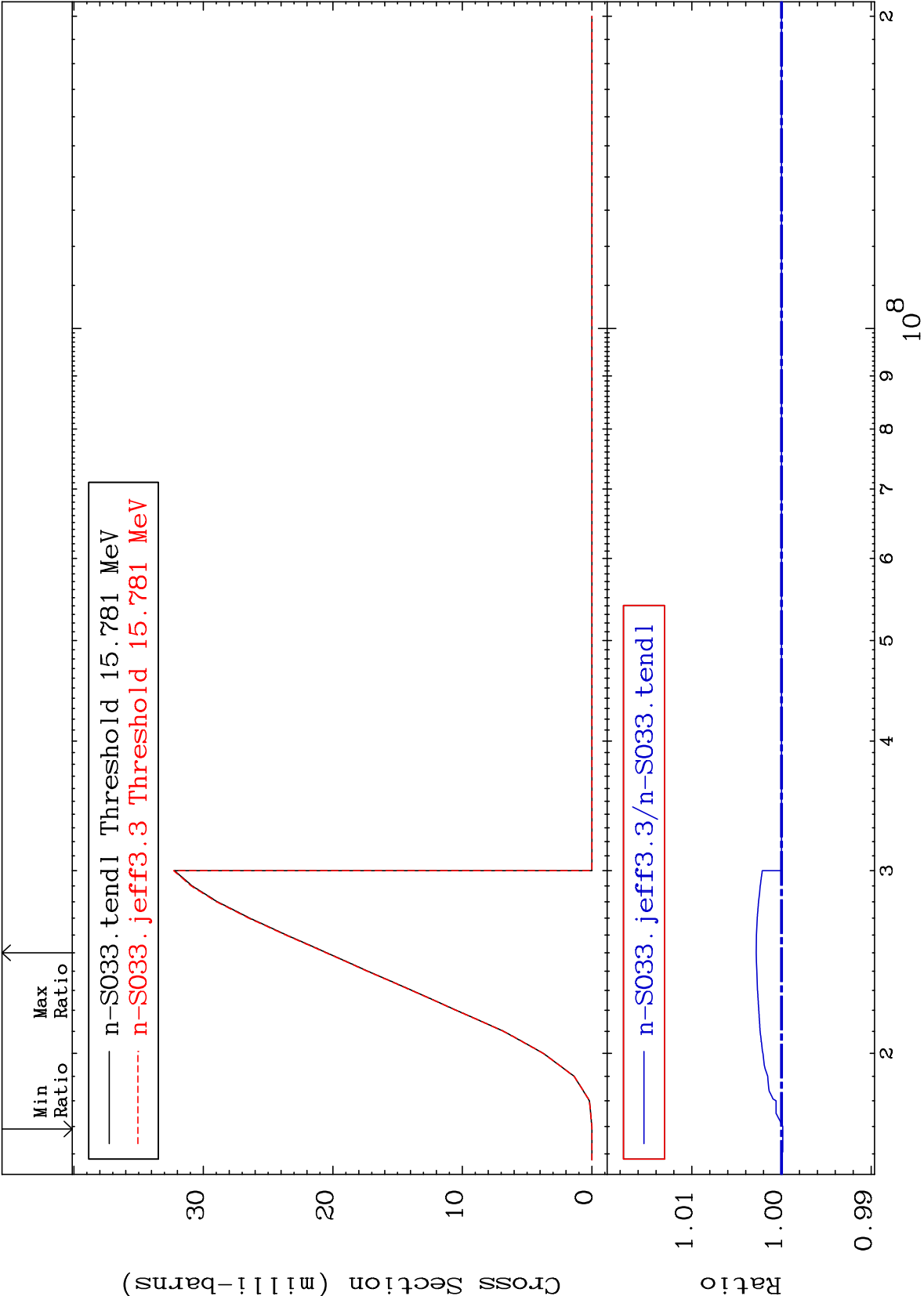
Incident Energy (eV)

16-S -33

MAT 1628

(n,n') d
Cross Section

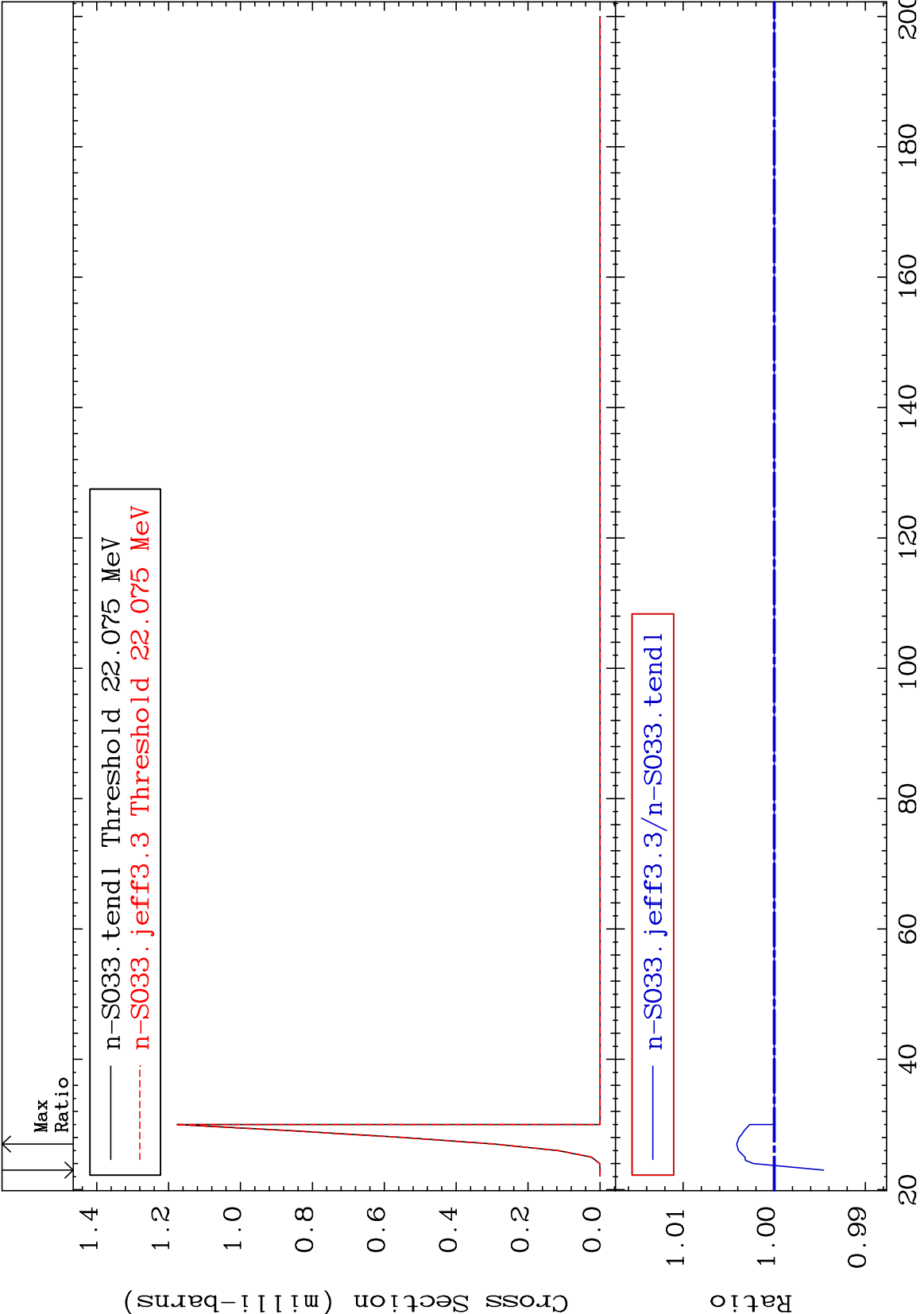
16-S -33
-0.015 To 0.283 %



MAT 1628

(n,n') t
Cross Section

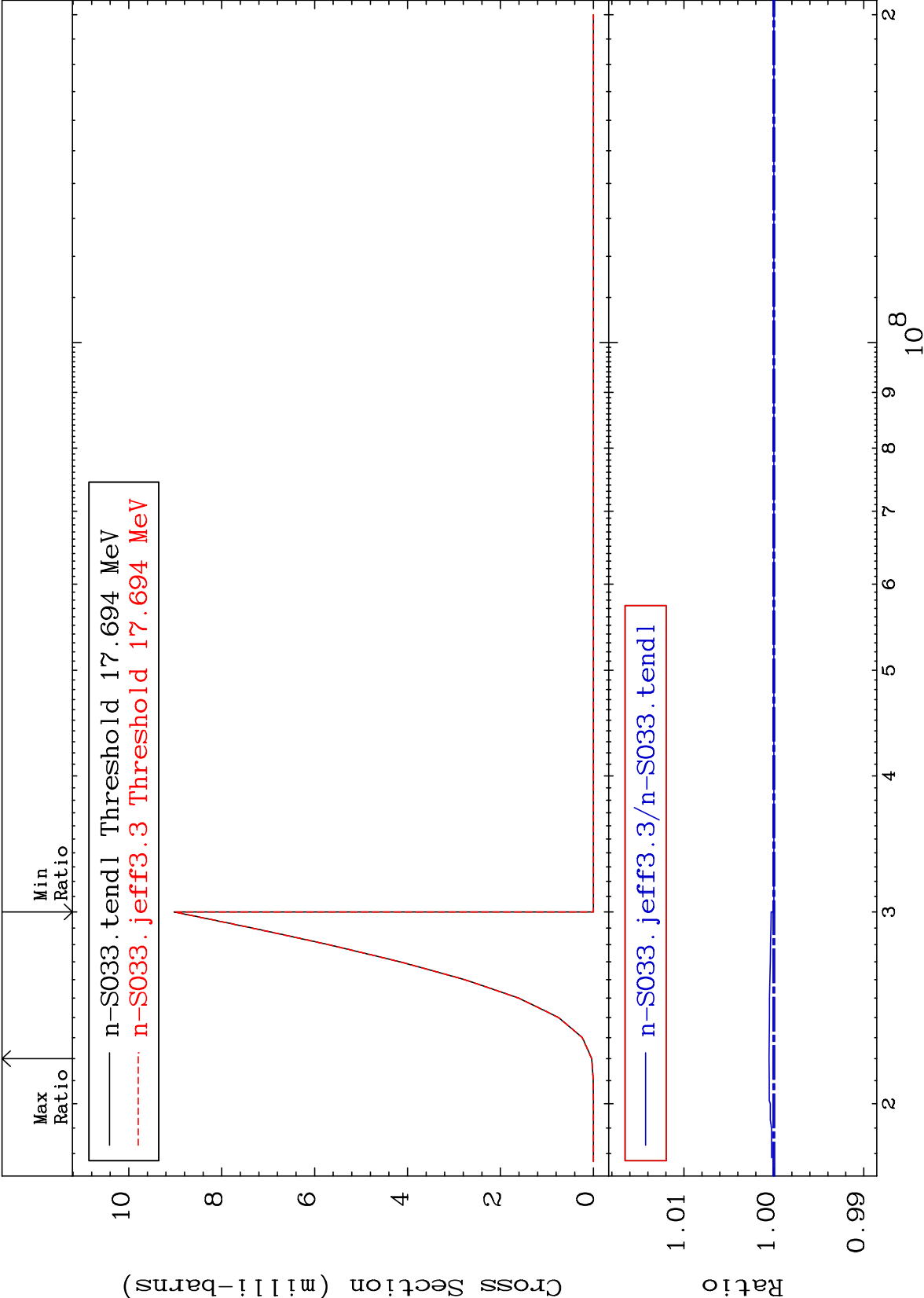
16-S -33
-0.542 To 0.412 %



MAT 1628

(n,n') He-3
Cross Section

16-S -33
0.000 To 0.053 %



13

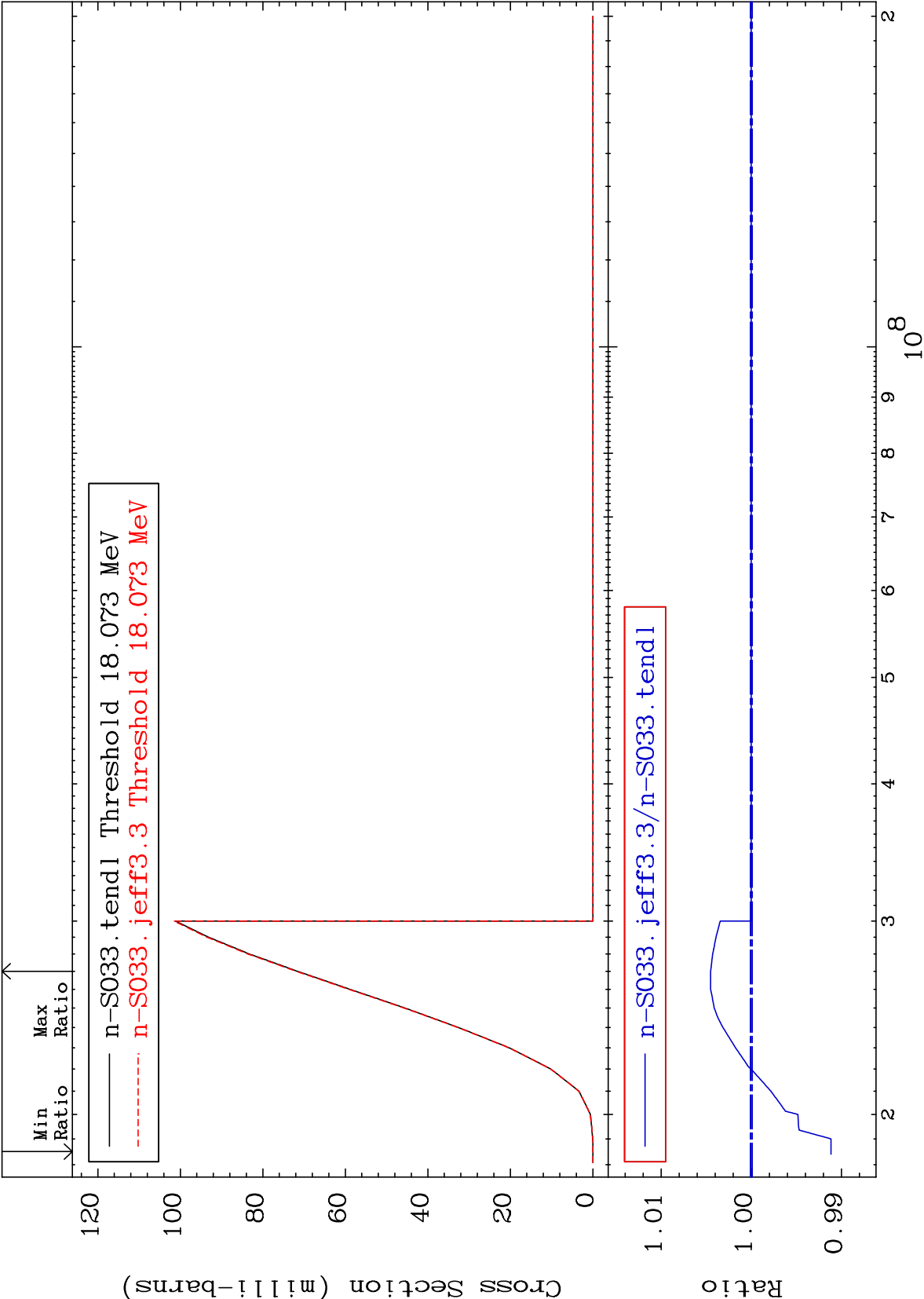
Incident Energy (eV)

16-S -33

MAT 1628

(n,2n) p
Cross Section

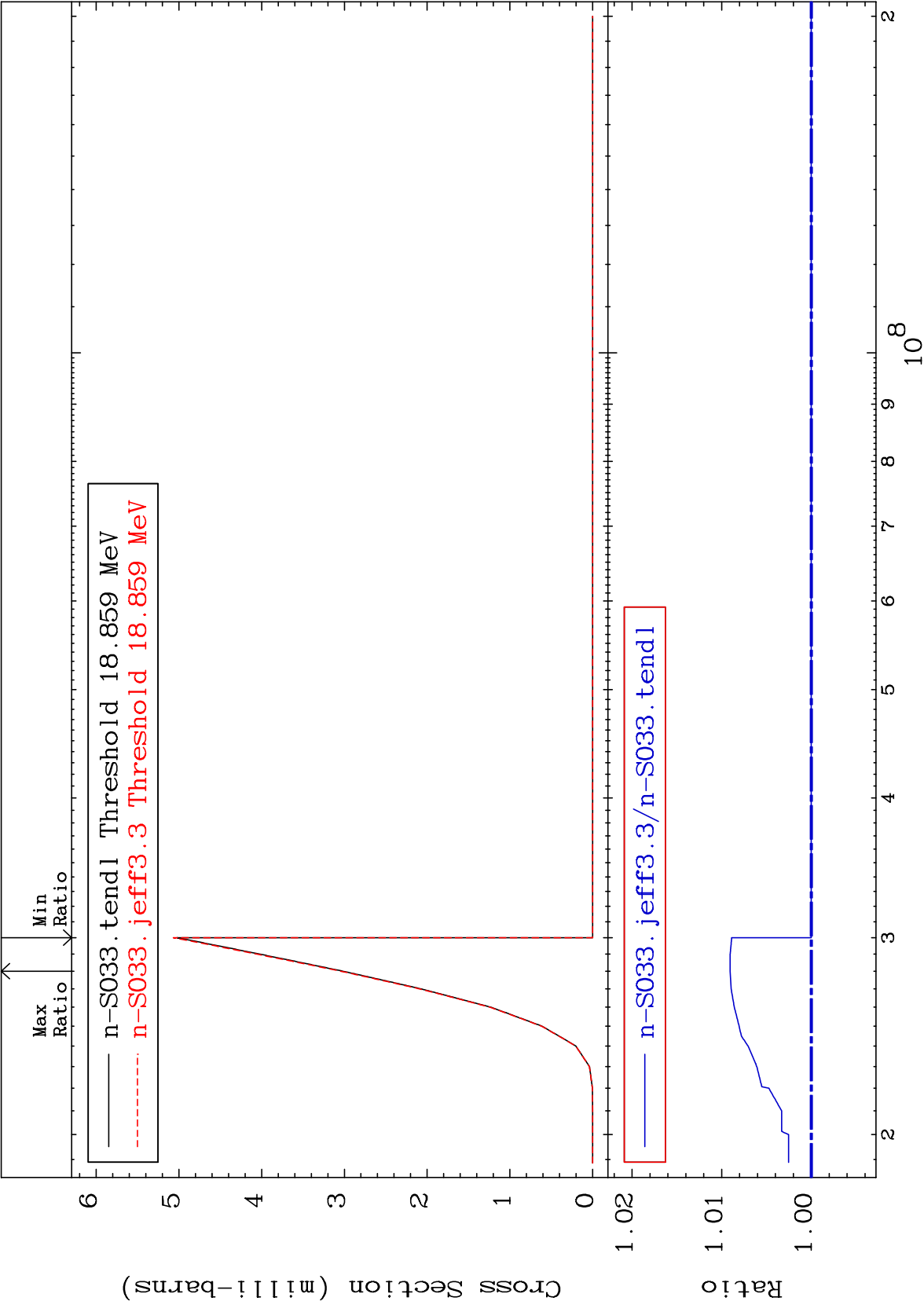
16-S -33
-0.884 To 0.451 %



14

Incident Energy (eV)

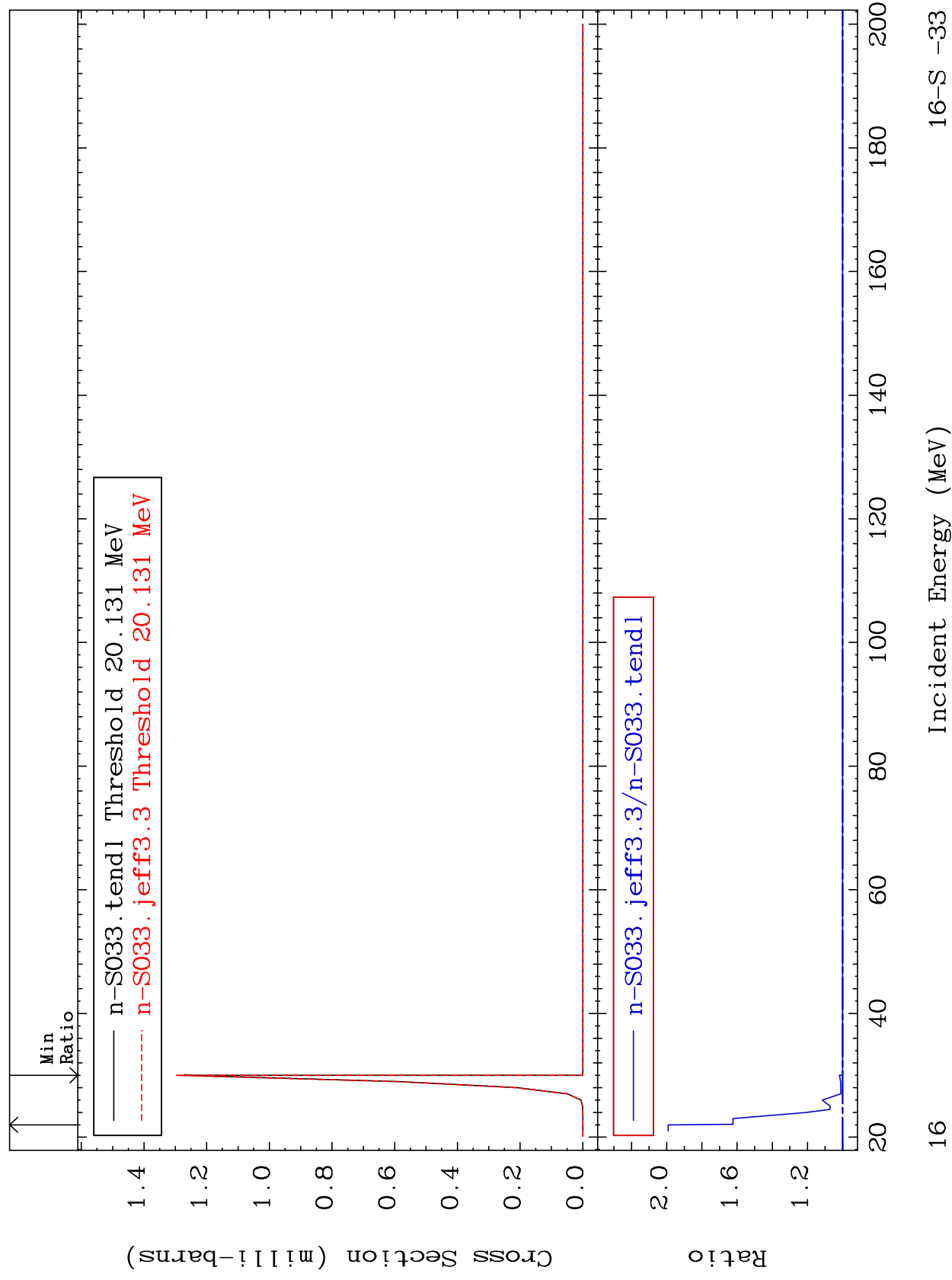
16-S -33



MAT 1628

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

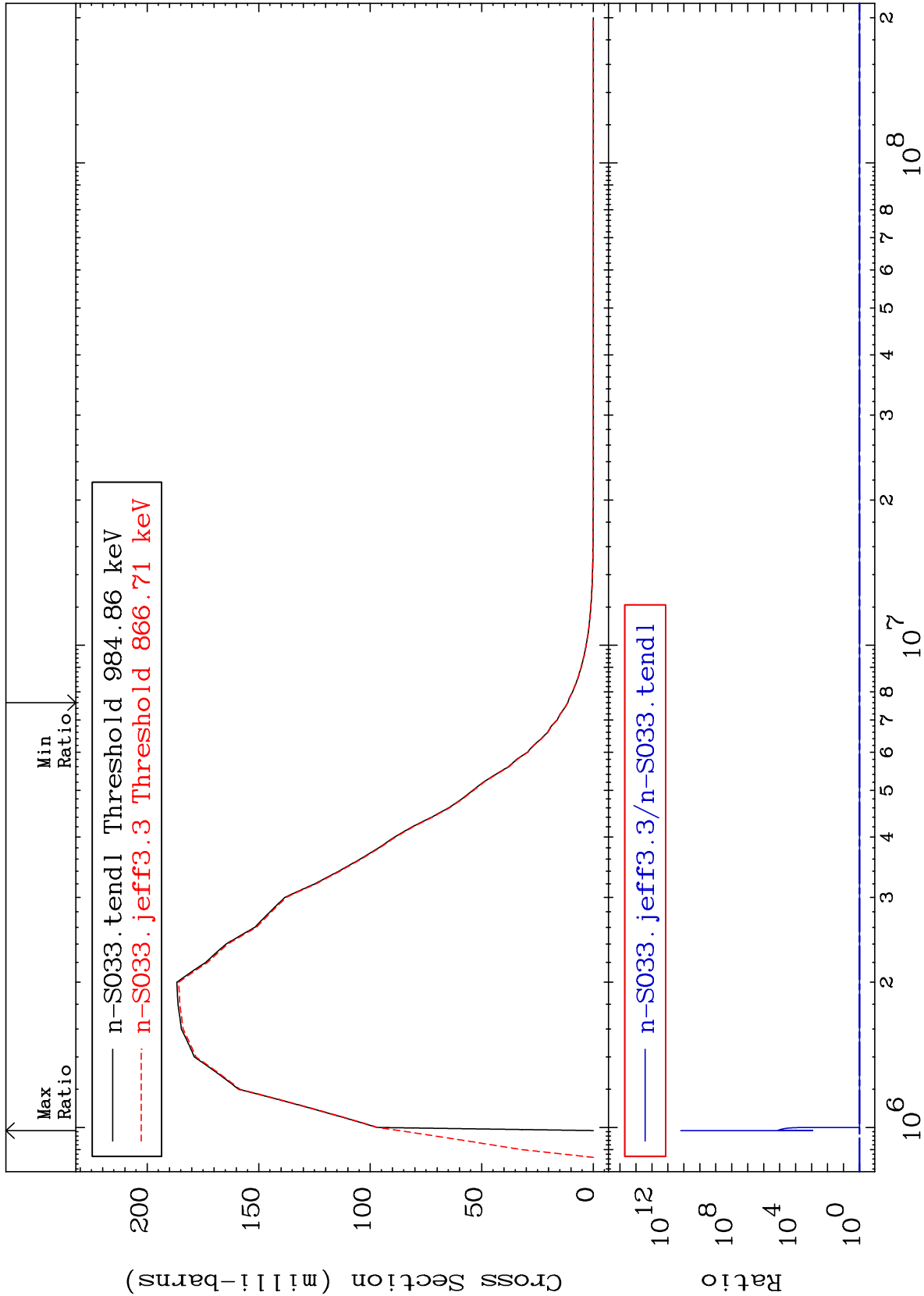
16-S -33
0.000 To 99.17 %



MAT 1628

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

16-S -33
-0.771 To 9999. %



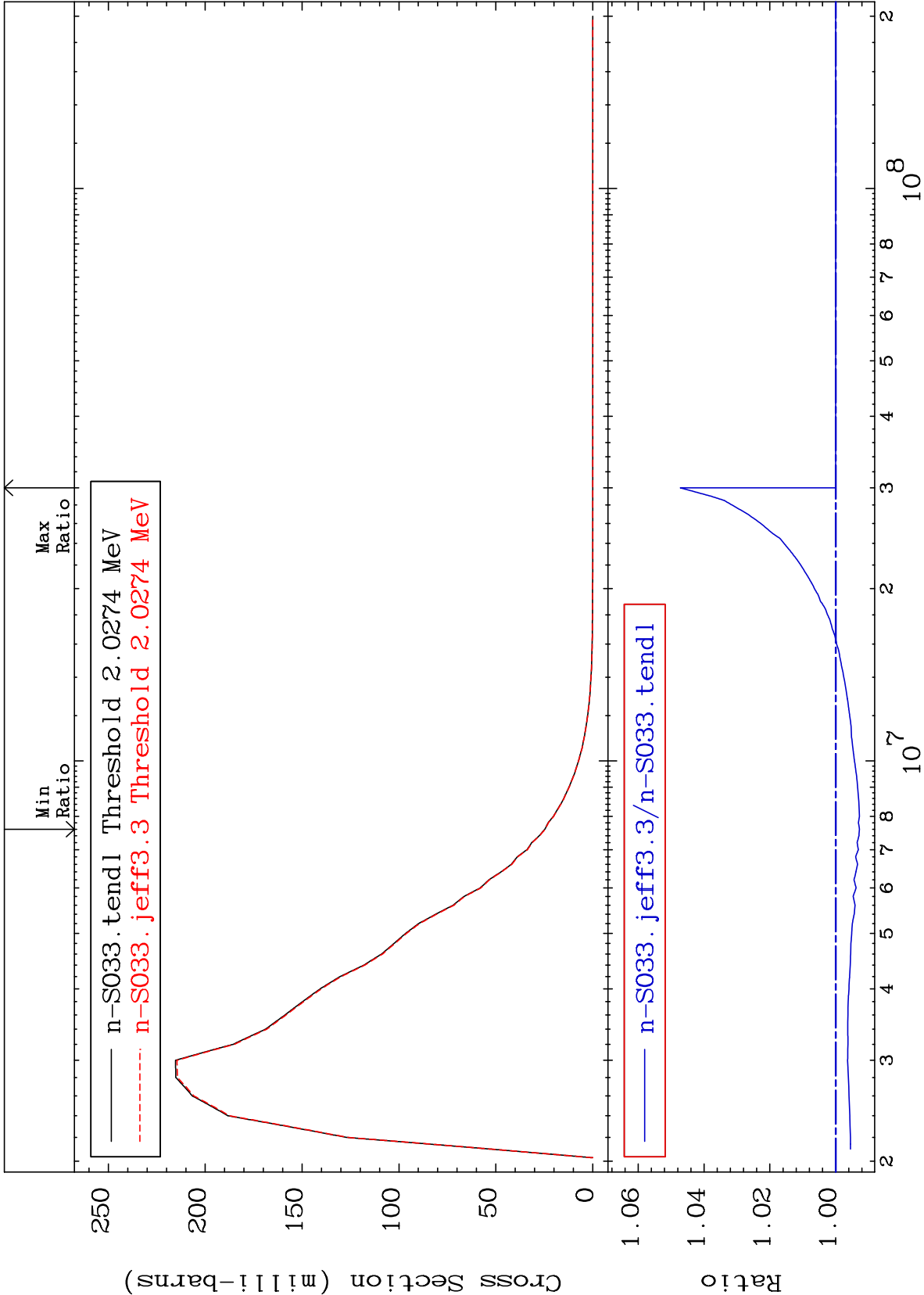
MAT 1628

MT= 52 (n,n') Level

16-S -33

-0.721 To 4.720 %

Cross Section



18

Incident Energy (eV)

16-S -33

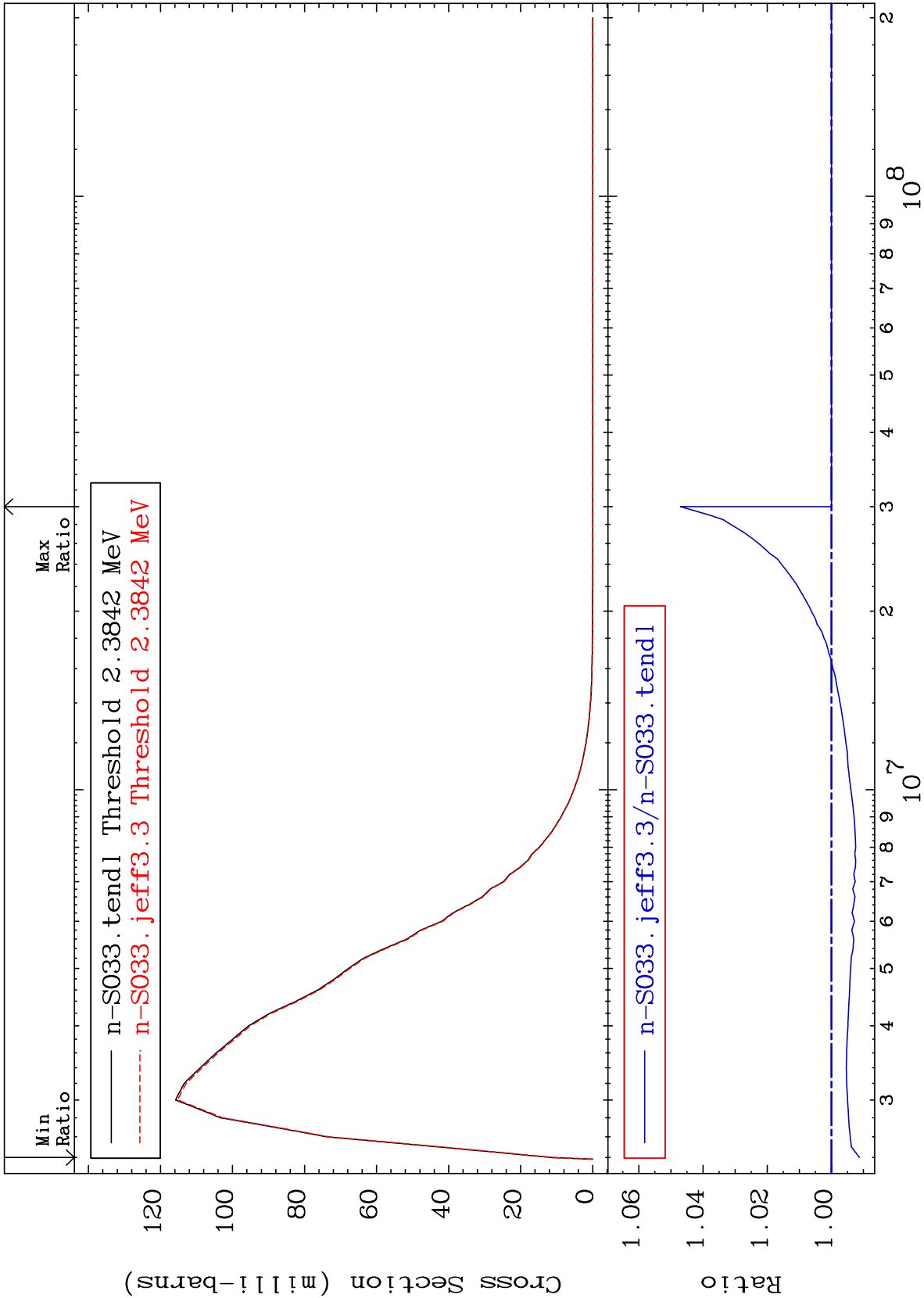
MAT 1628

MT= 53 (n,n') Level

16-S -33

-0.873 To 4.708 %

Cross Section



19

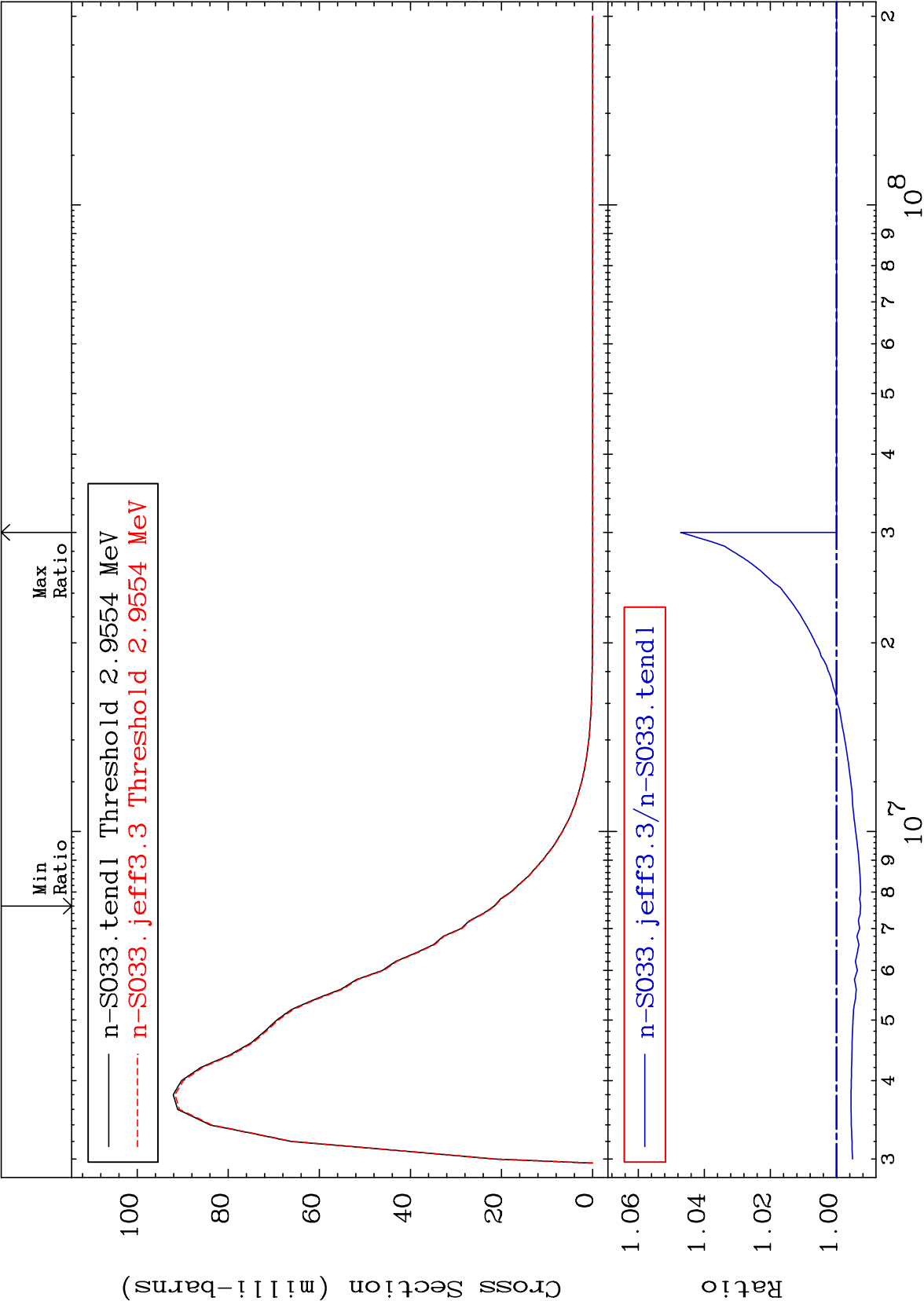
Incident Energy (eV)

16-S -33

MAT 1628

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

16-S -33
-0.732 To 4.718 %



20

Incident Energy (eV)

16-S -33

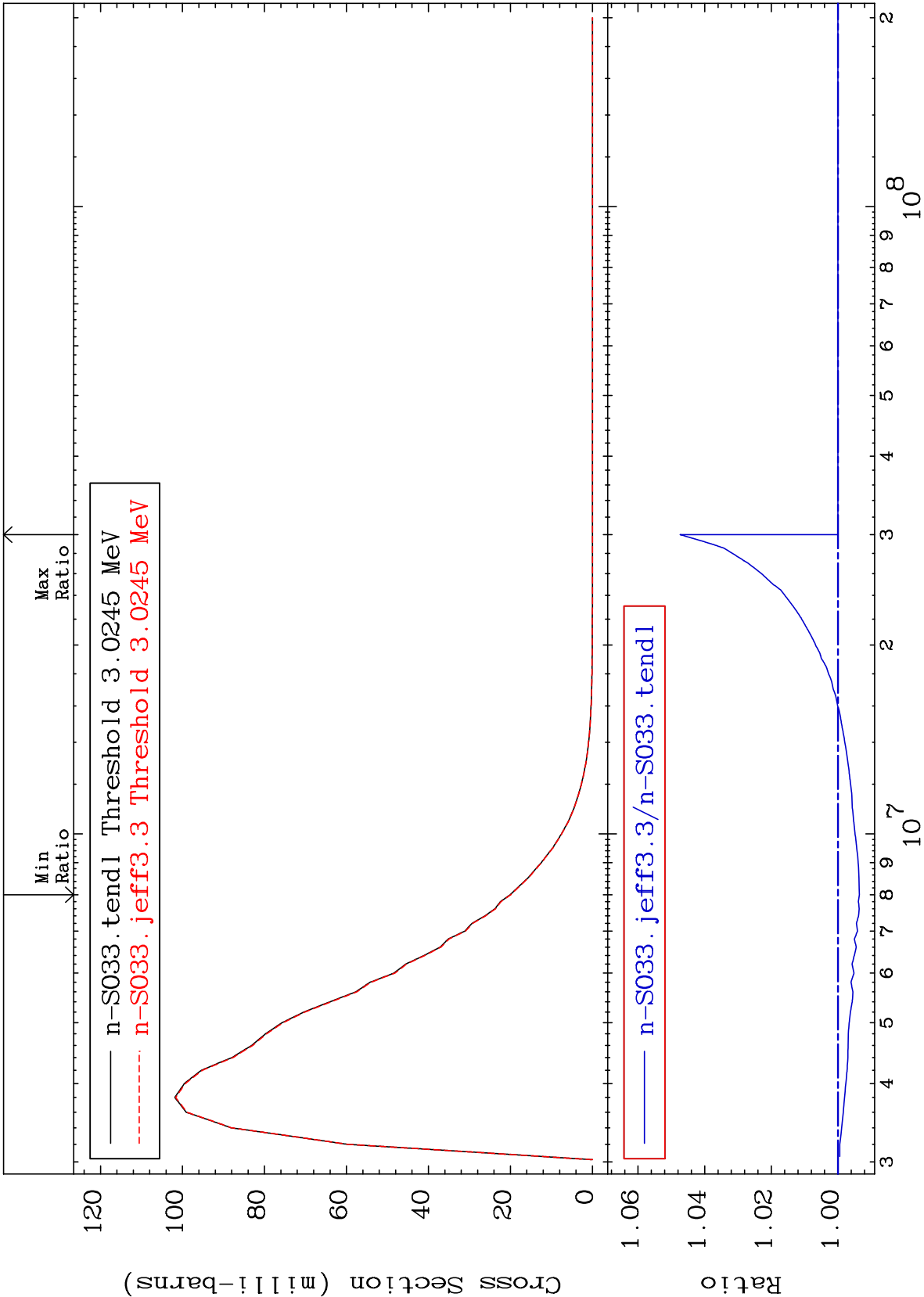
MAT 1628

MT= 55 (n,n') Level

16-S -33

-0.643 To 4.736 %

Cross Section



21

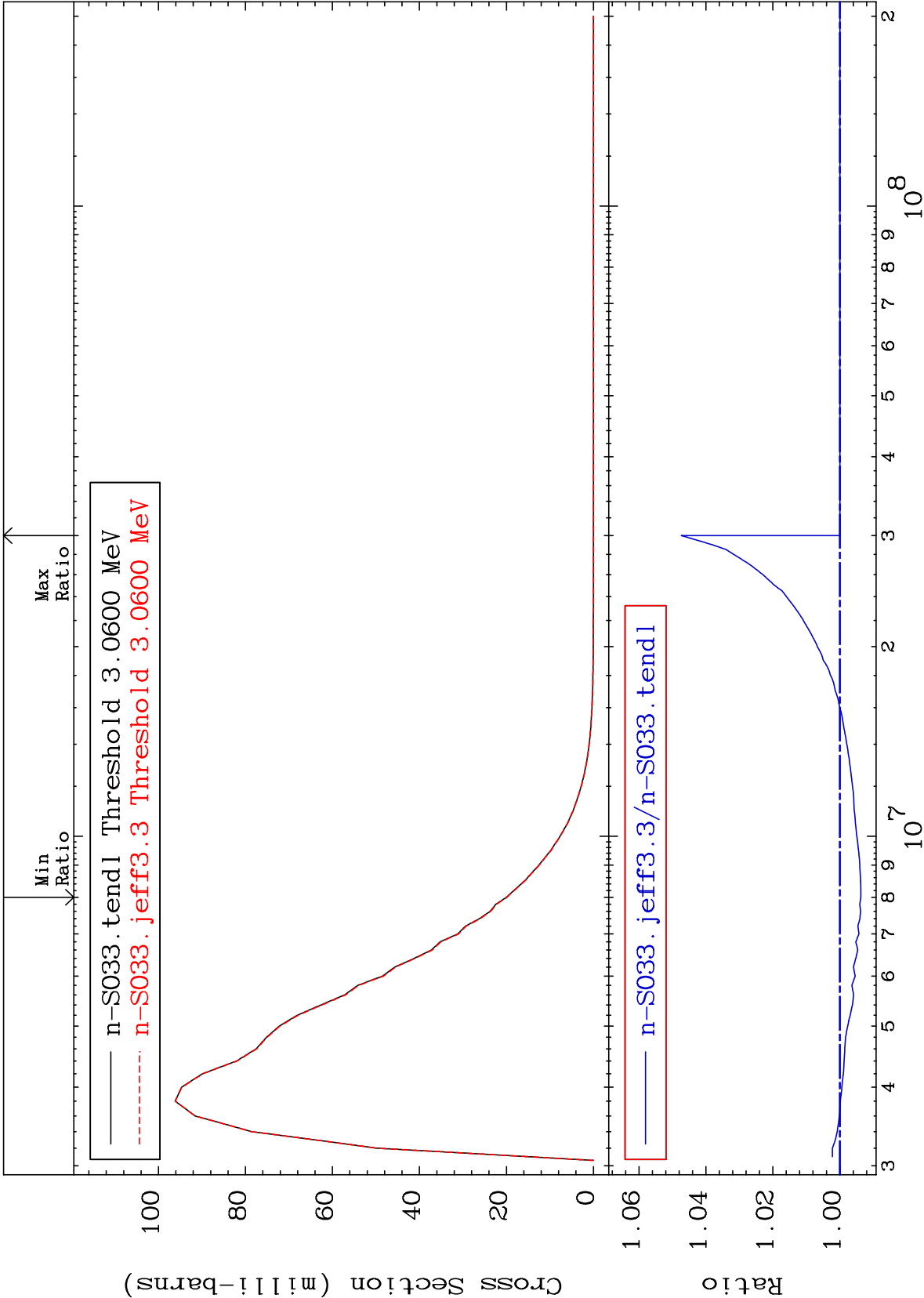
Incident Energy (eV)

16-S -33

MAT 1628

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

16-S -33
-0.628 To 4.737 %



22

Incident Energy (eV)

16-S -33

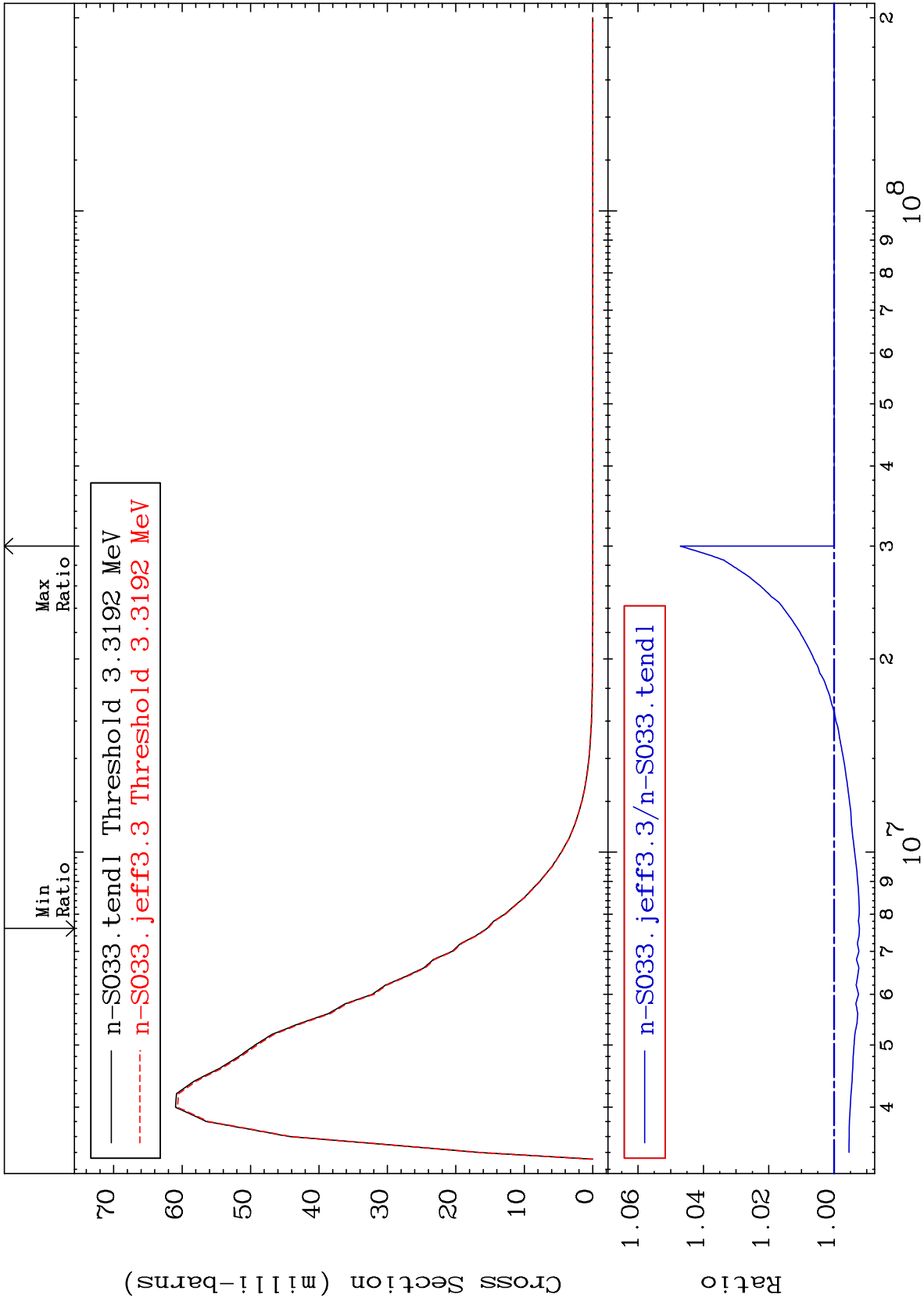
MAT 1628

MT= 57 (n,n') Level

16-S -33

-0.774 To 4.704 %

Cross Section



23

Incident Energy (eV)

16-S -33

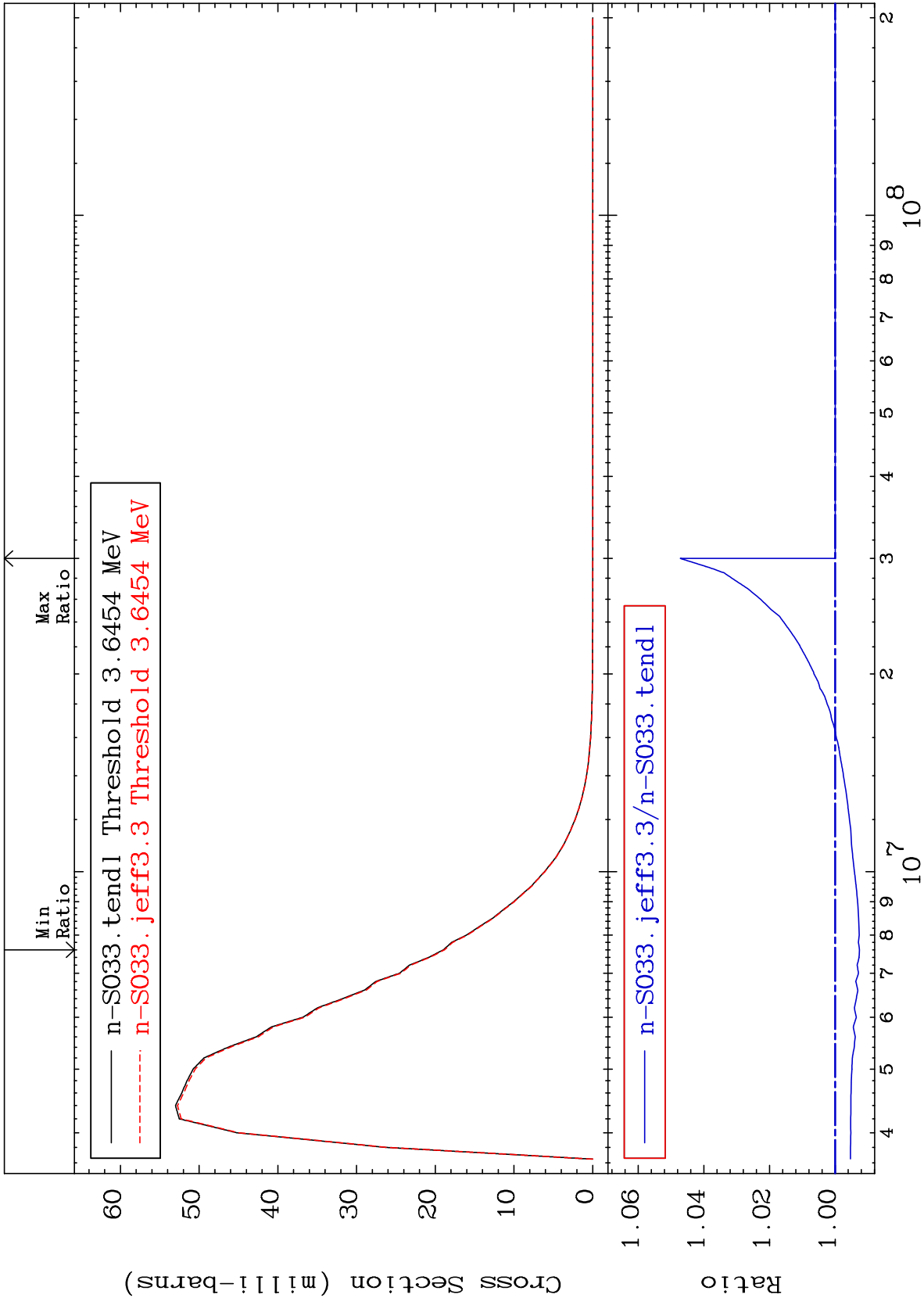
MAT 1628

MT= 58 (n,n') Level

16-S -33

-0.740 To 4.717 %

Cross Section



24

Incident Energy (eV)

16-S -33

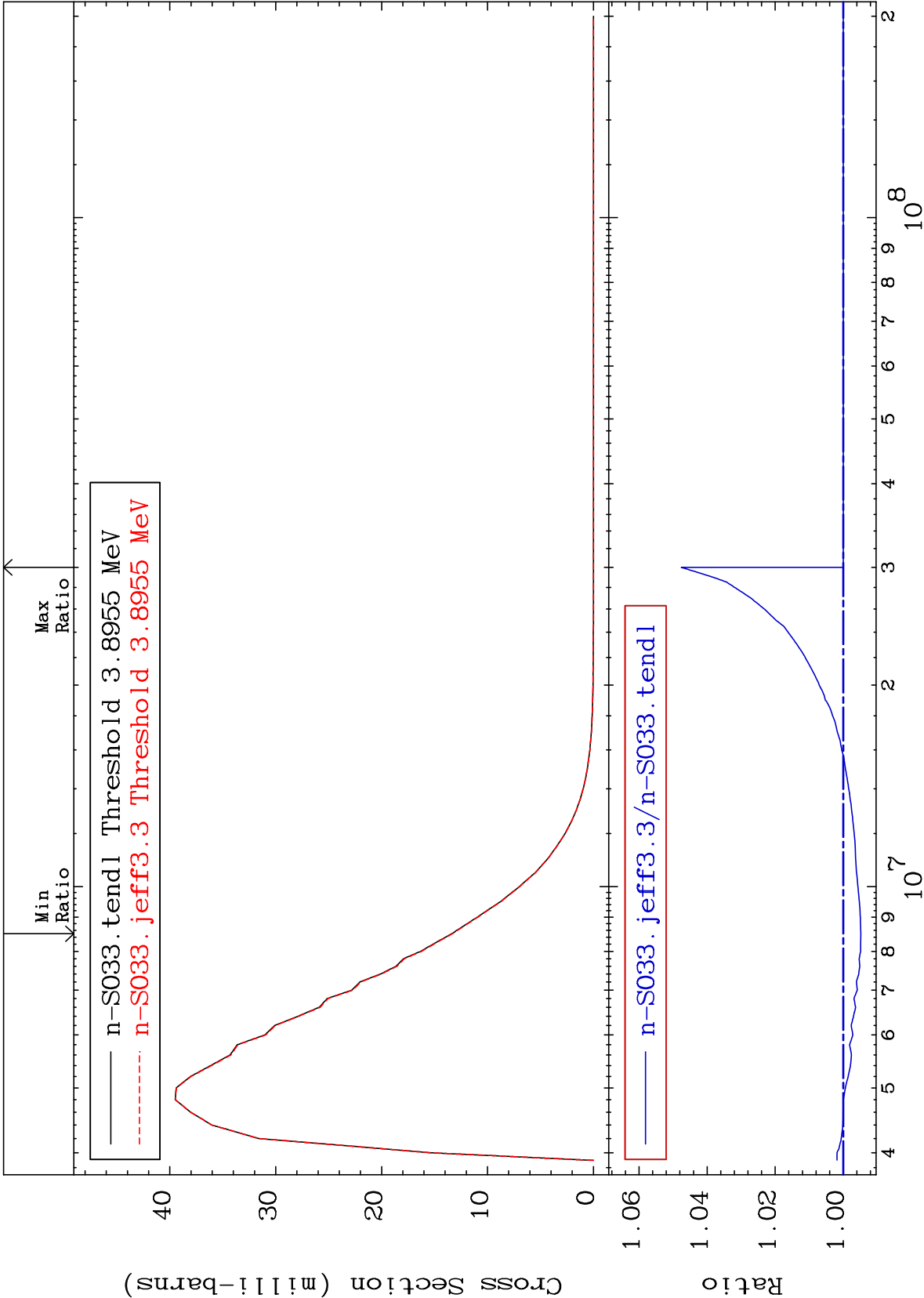
MAT 1628

MT= 59 (n,n') Level

16-S -33

-0.517 To 4.758 %

Cross Section



25

Incident Energy (eV)

16-S -33

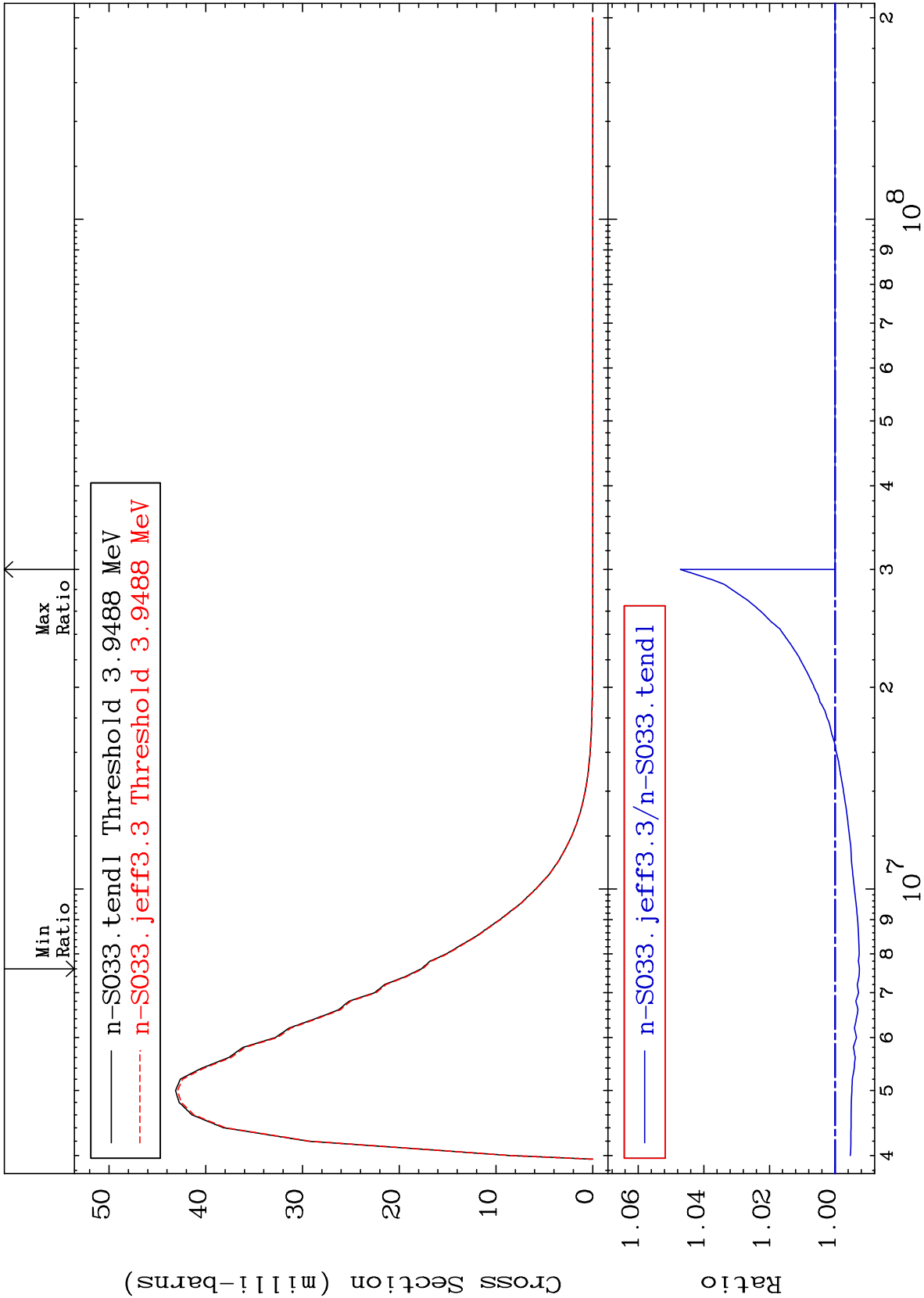
MAT 1628

MT= 60 (n,n') Level

16-S -33

-0.743 To 4.717 %

Cross Section



26

Incident Energy (eV)

16-S -33

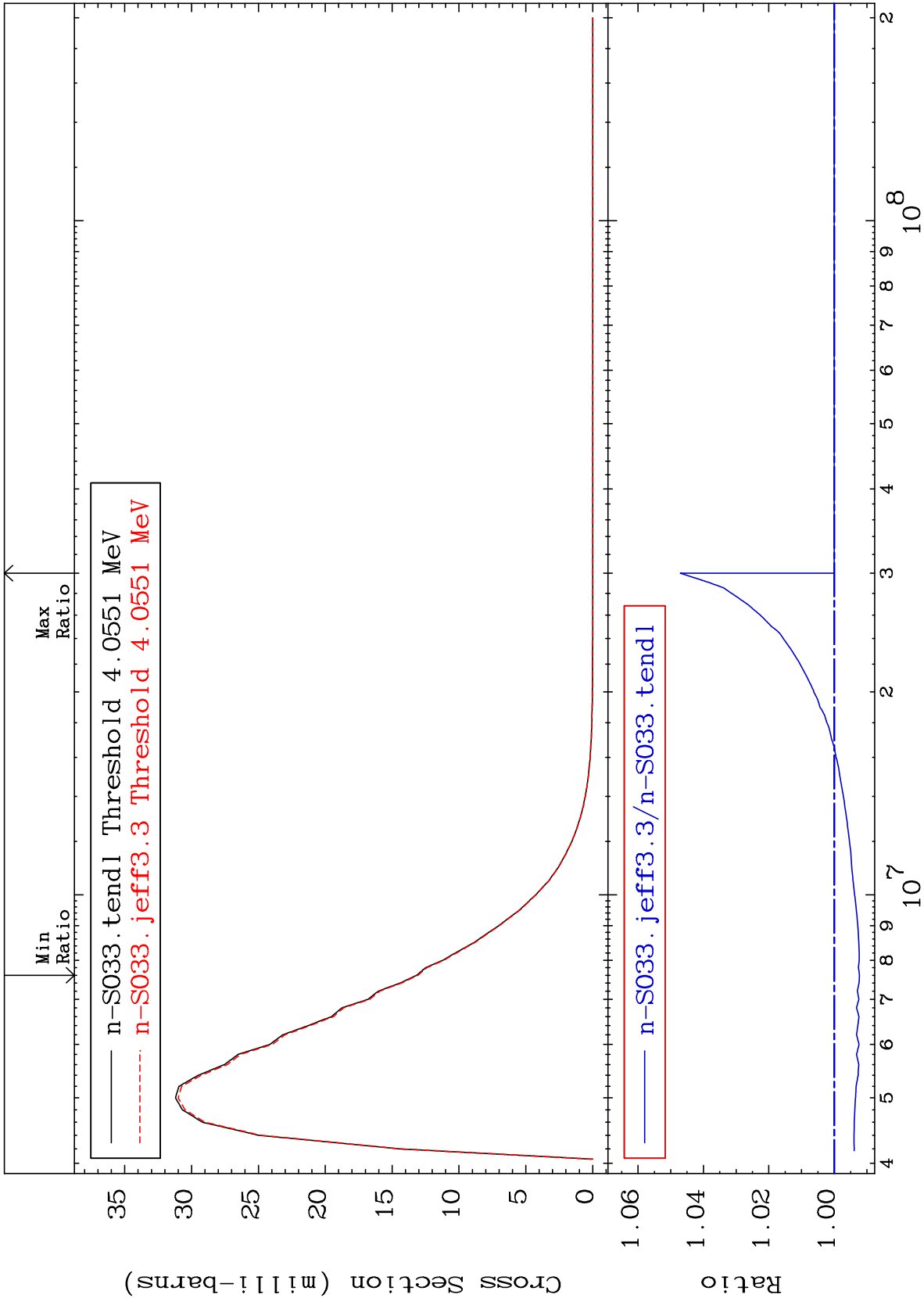
MAT 1628

MT= 61 (n,n') Level

16-S -33

-0.771 To 4.705 %

Cross Section



27

Incident Energy (eV)

16-S -33

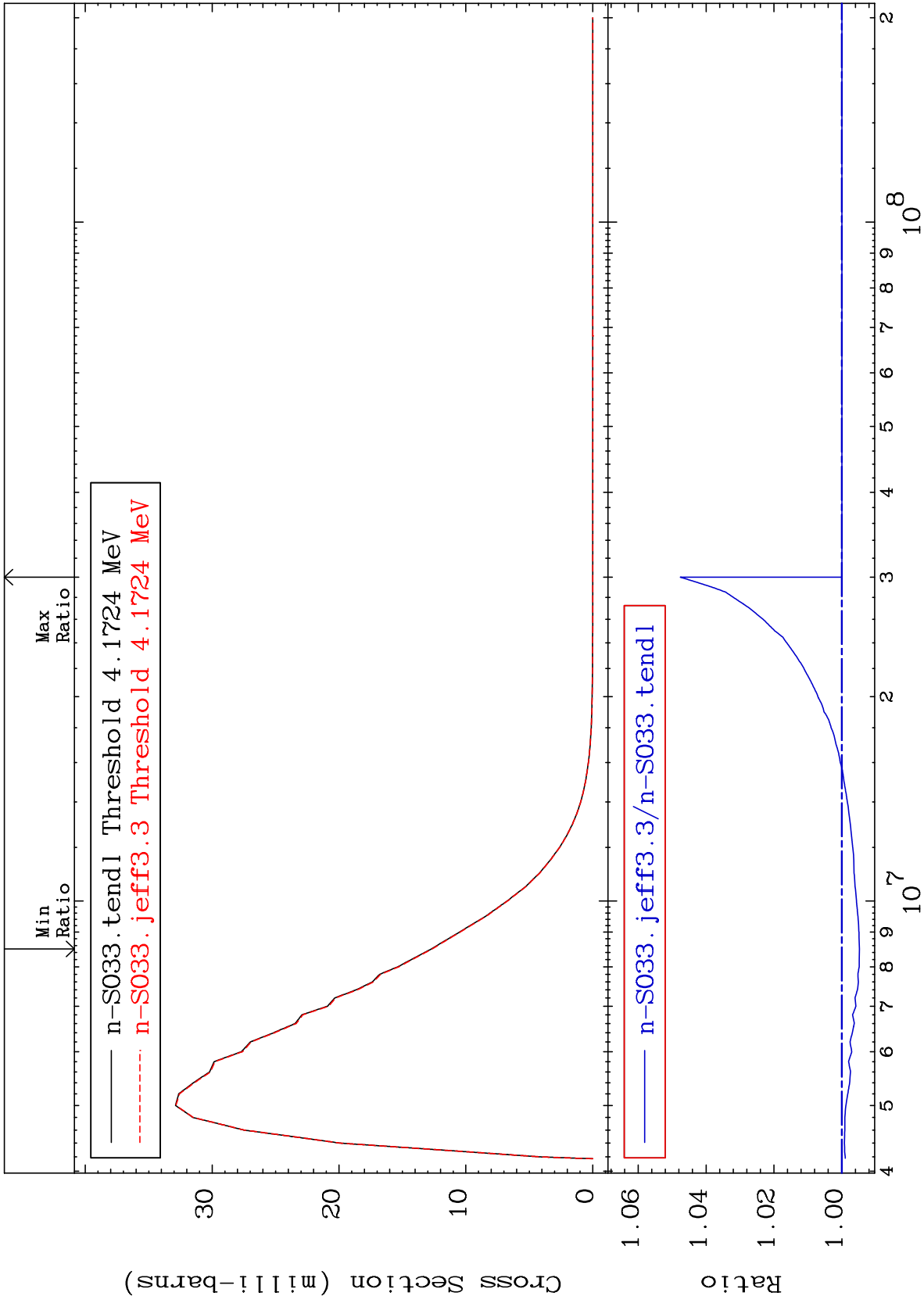
MAT 1628

MT= 62 (n,n') Level

16-S -33

-0.519 To 4.758 %

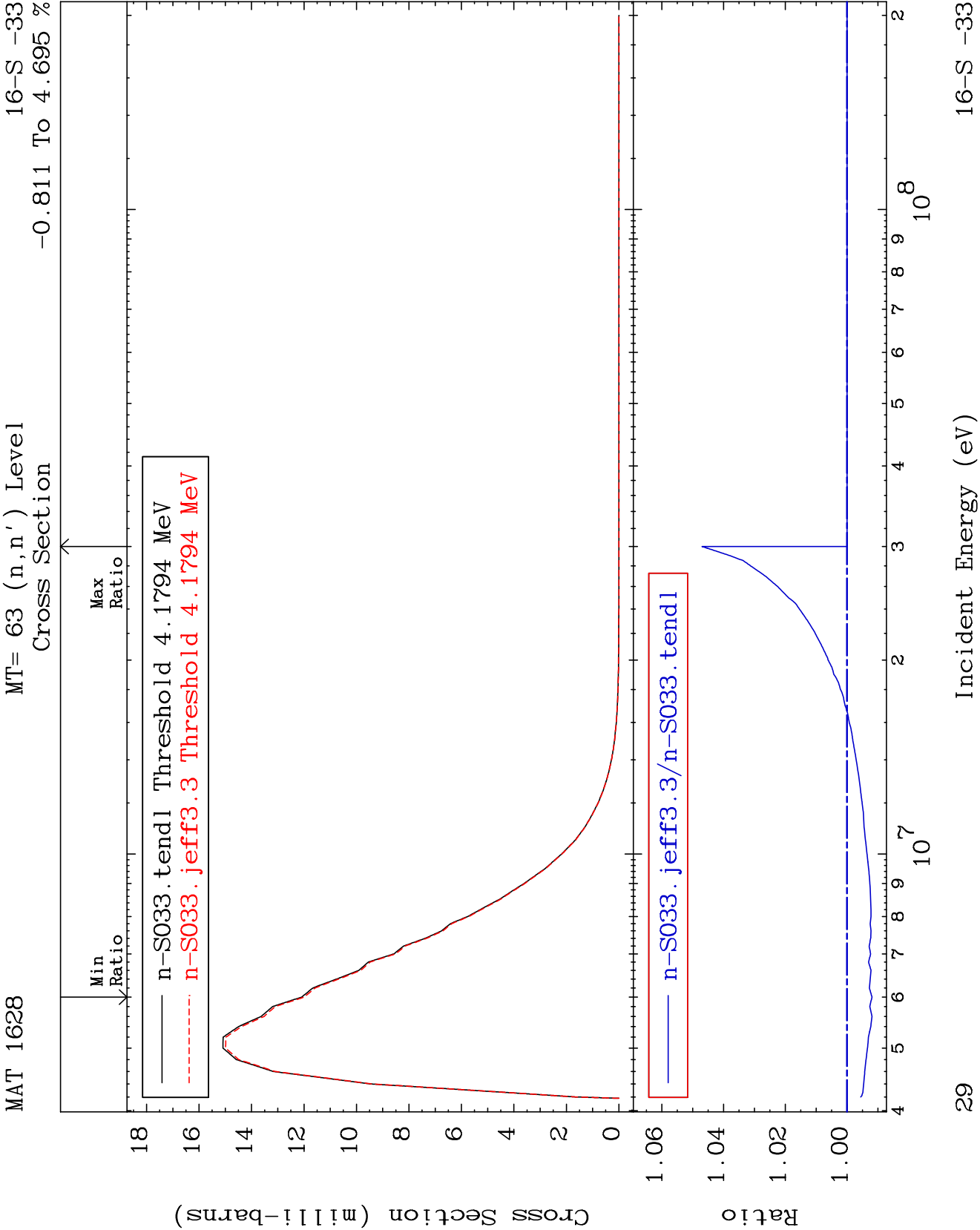
Cross Section



28

Incident Energy (eV)

16-S -33



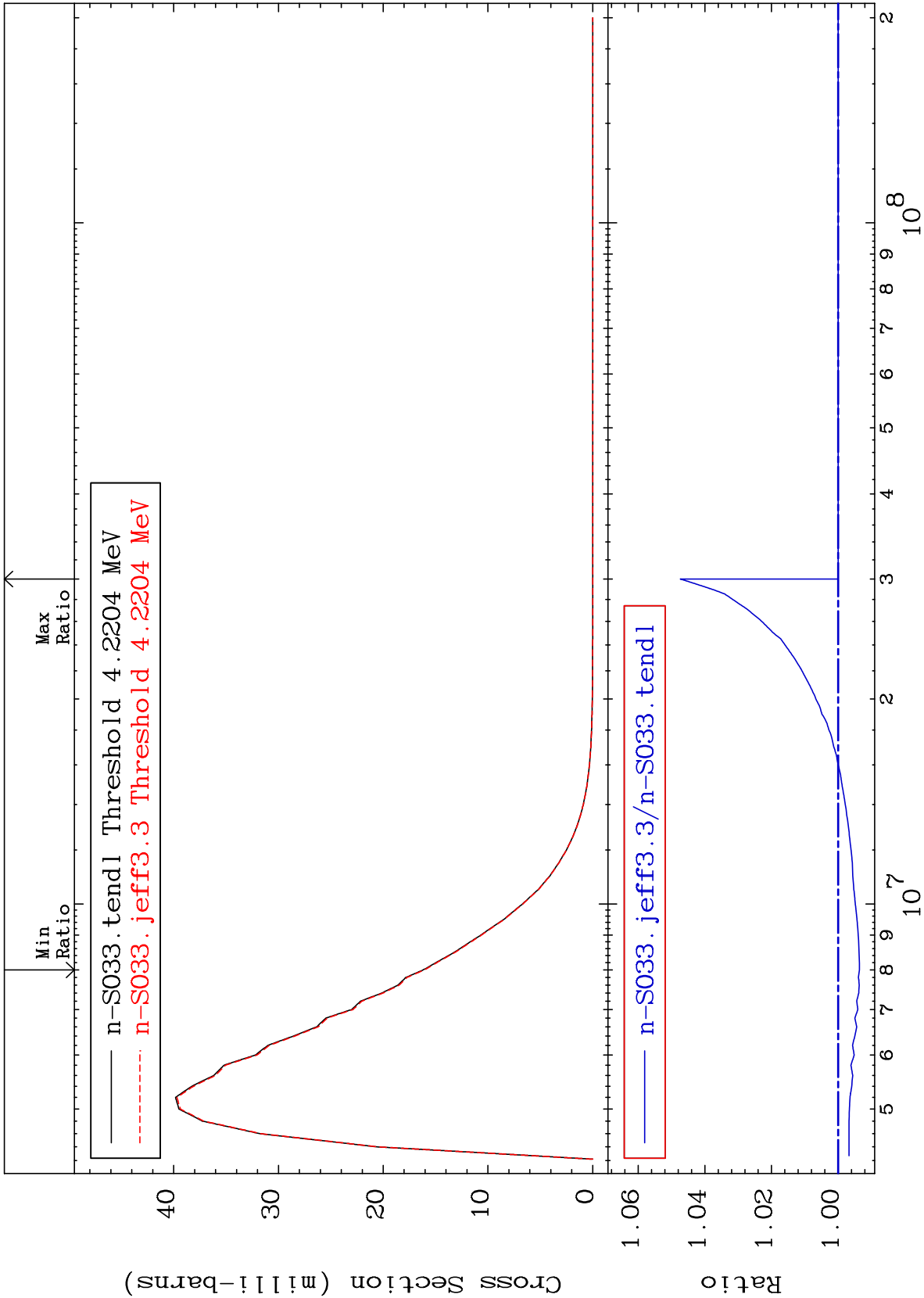
MAT 1628

MT= 64 (n,n') Level

16-S -33

-0.639 To 4.736 %

Cross Section



30

Incident Energy (eV)

16-S -33

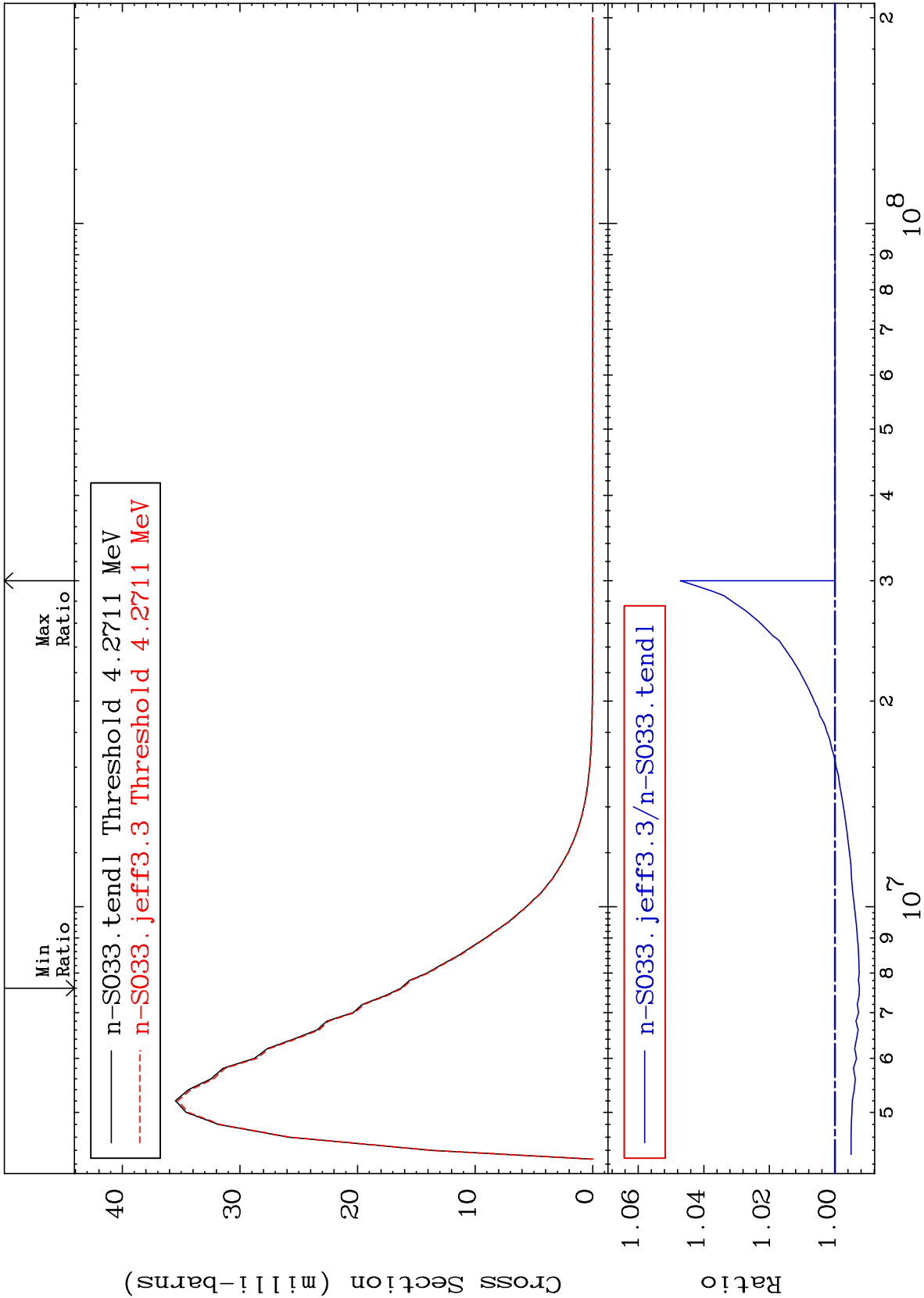
MAT 1628

MT= 65 (n,n') Level

16-S -33

-0.747 To 4.715 %

Cross Section



31

Incident Energy (eV)

16-S -33

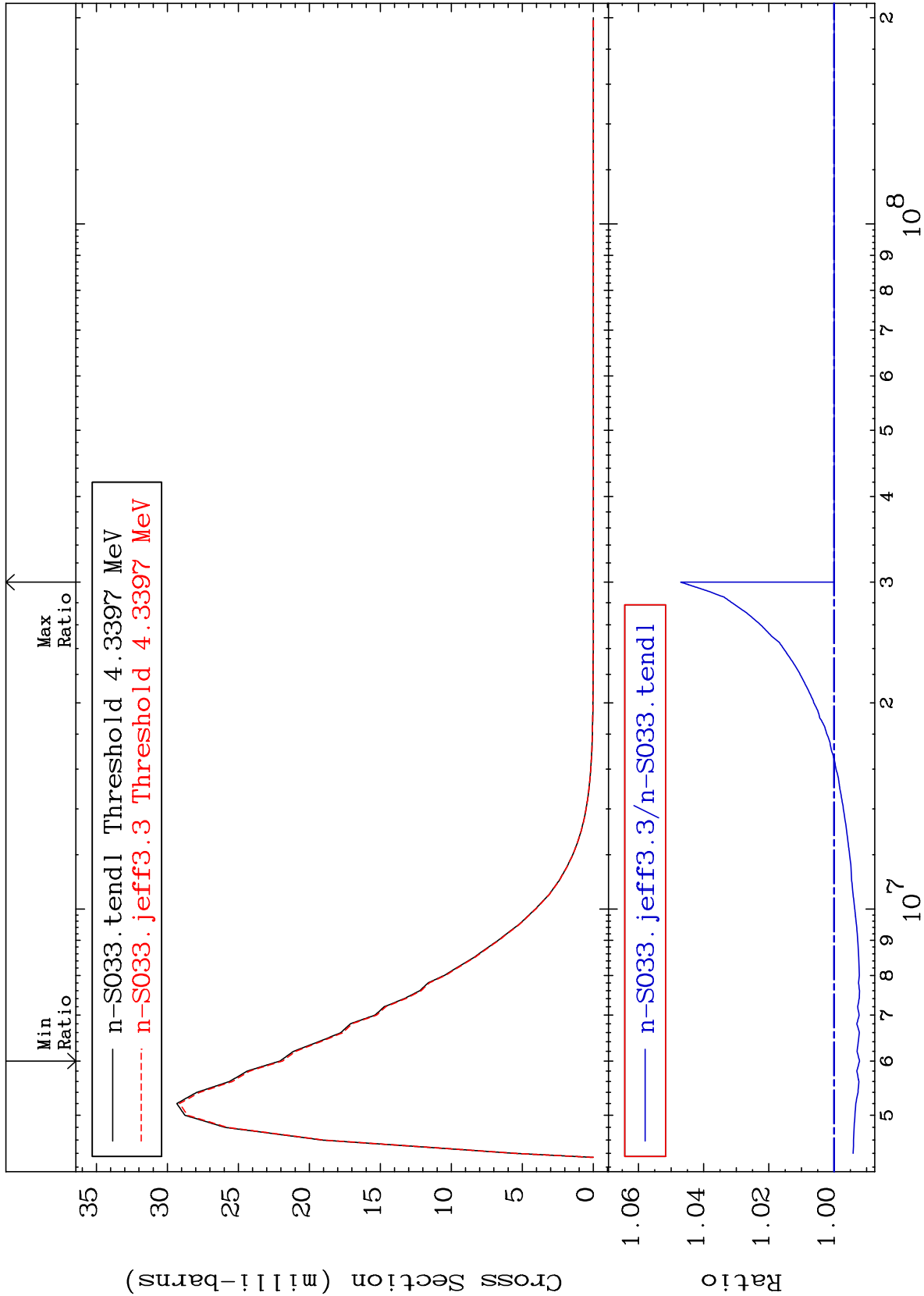
MAT 1628

MT= 66 (n,n') Level

16-S -33

-0.782 To 4.703 %

Cross Section



32

Incident Energy (eV)

16-S -33

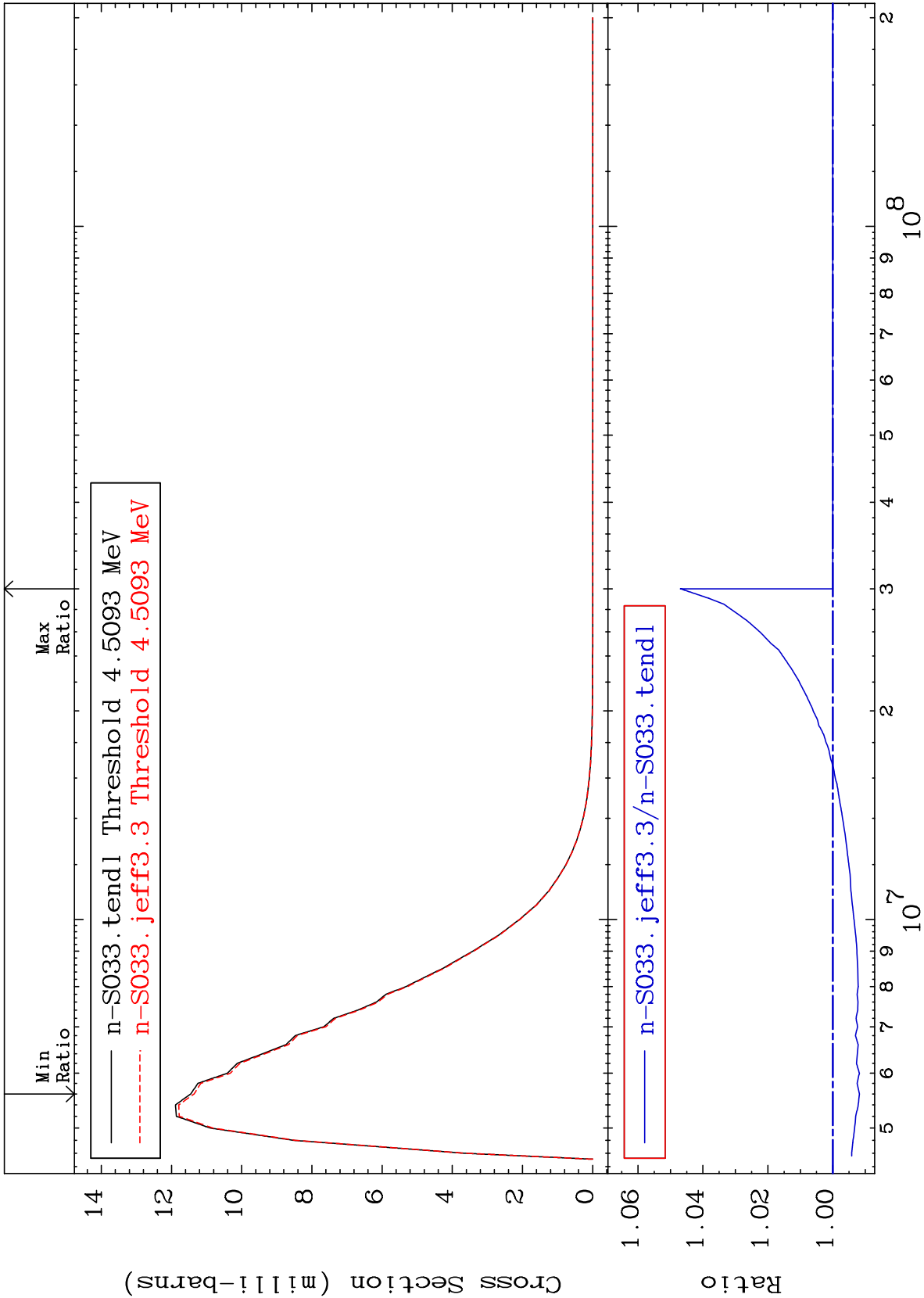
MAT 1628

MT= 67 (n,n') Level

16-S -33

-0.820 To 4.694 %

Cross Section



33

Incident Energy (eV)

16-S -33

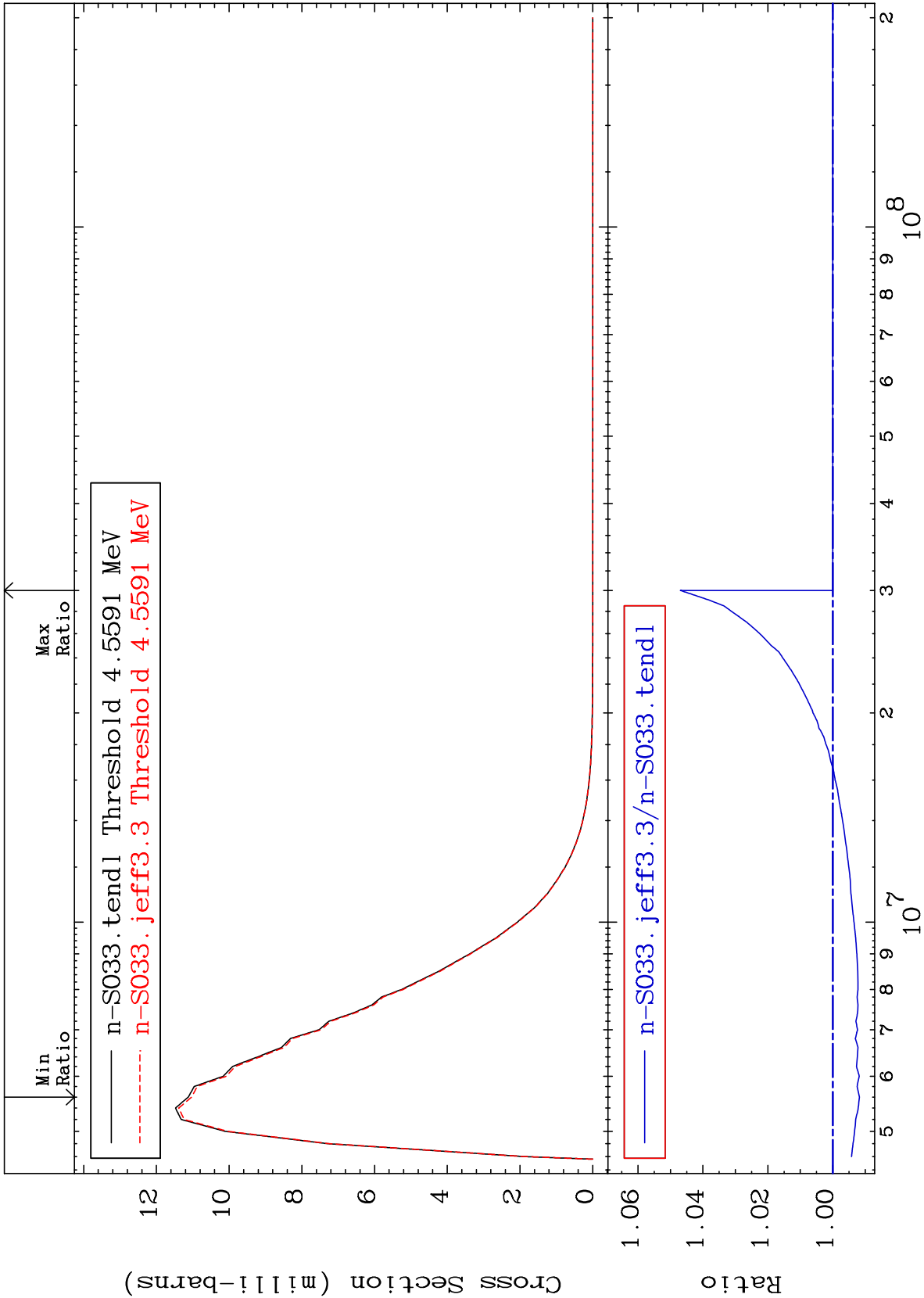
MAT 1628

MT= 68 (n,n') Level

16-S -33

-0.822 To 4.695 %

Cross Section



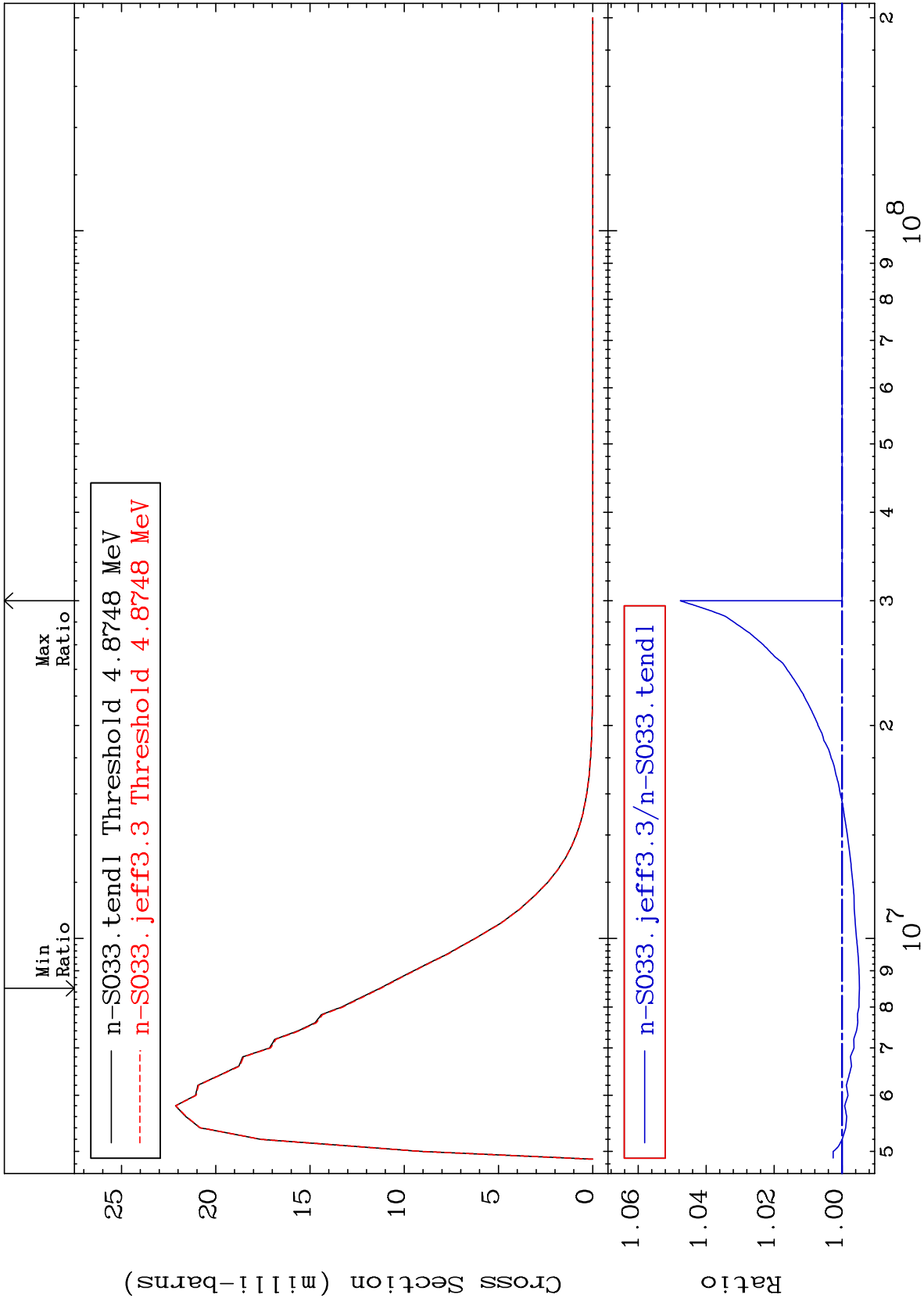
MAT 1628

MT= 69 (n,n') Level

16-S -33

-0.512 To 4.759 %

Cross Section



35

Incident Energy (eV)

16-S -33

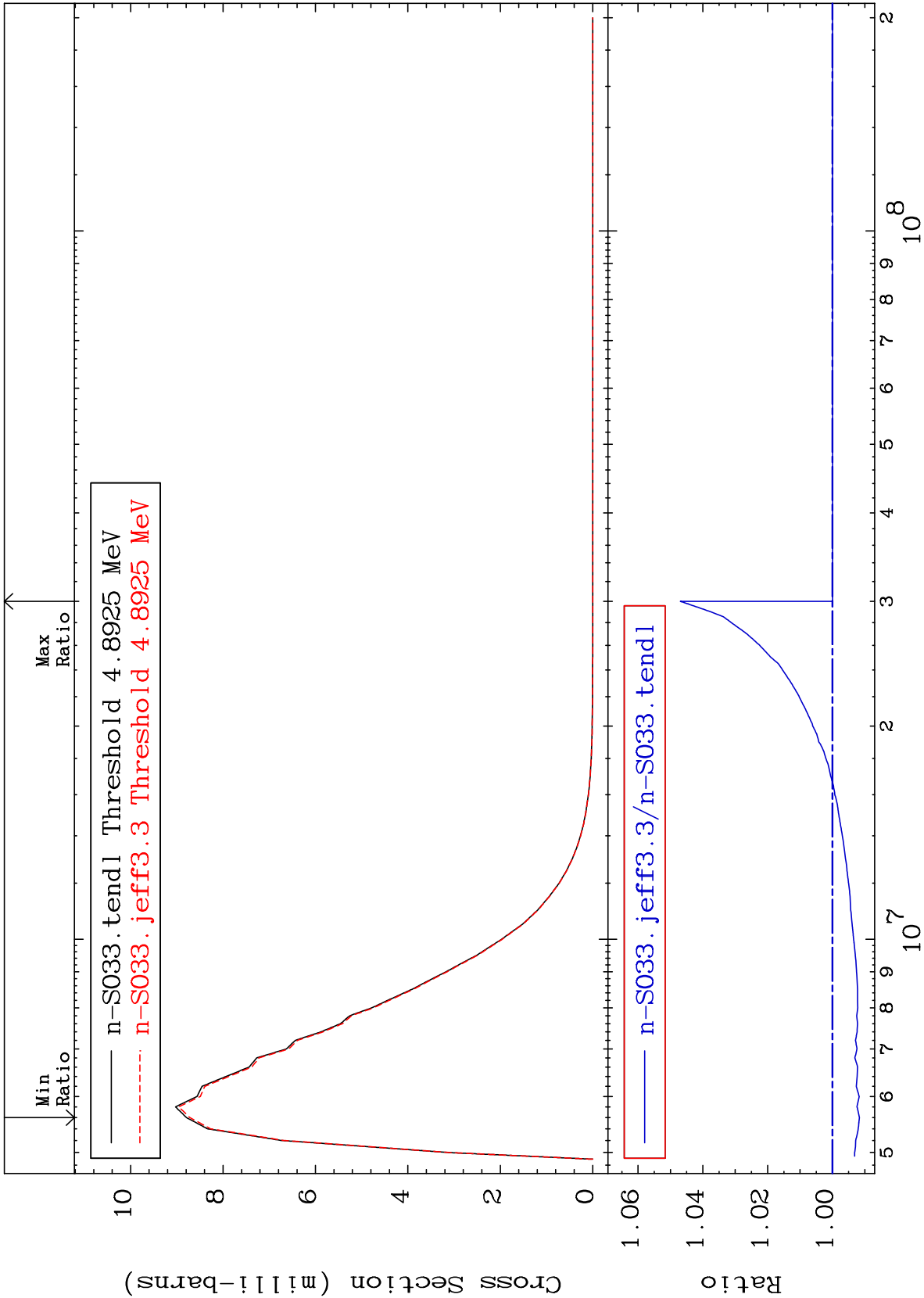
MAT 1628

MT= 70 (n,n') Level

16-S -33

-0.832 To 4.694 %

Cross Section



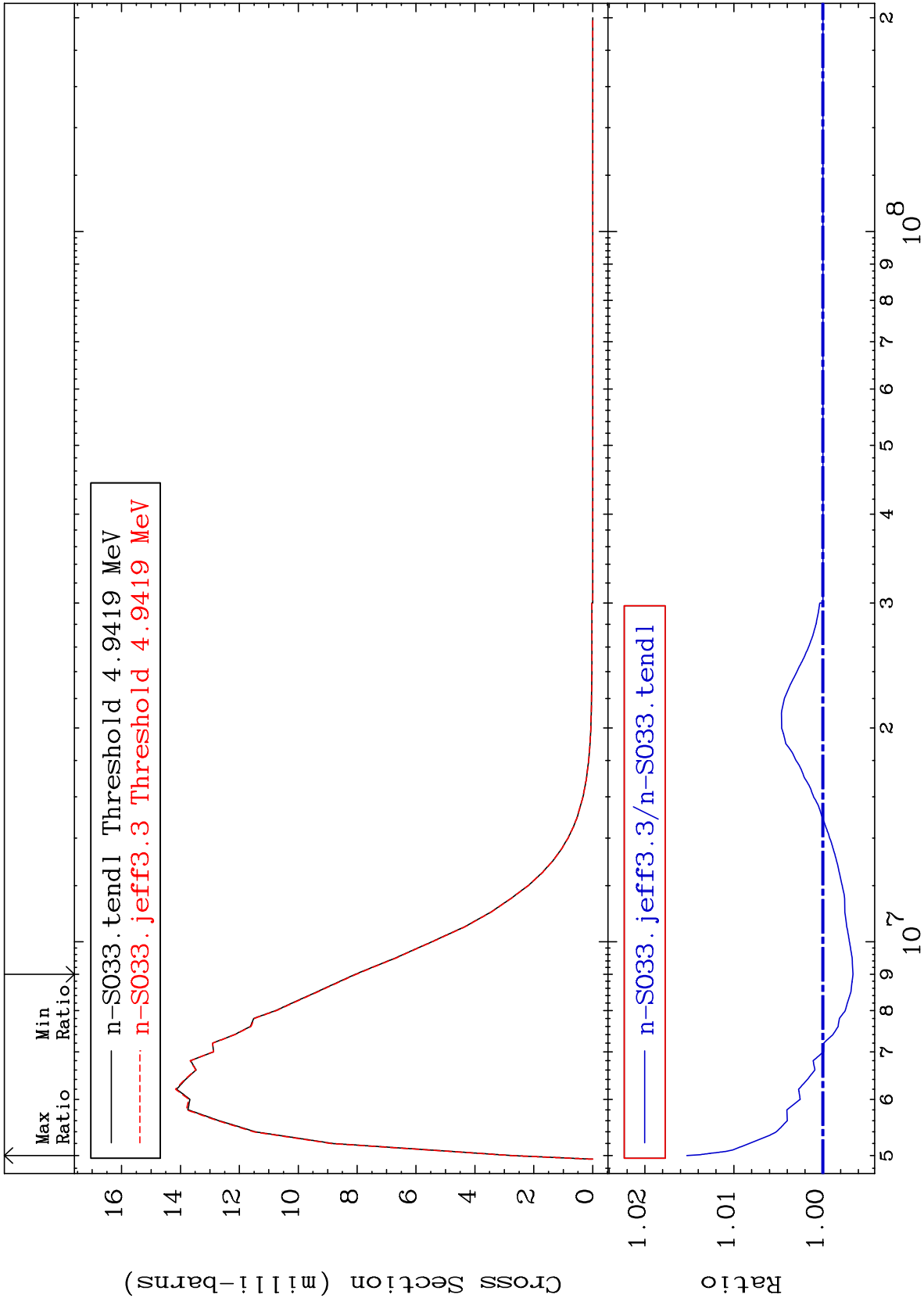
MAT 1628

MT= 71 (n,n') Level

16-S -33

Cross Section

-0.338 To 1.528 %



37

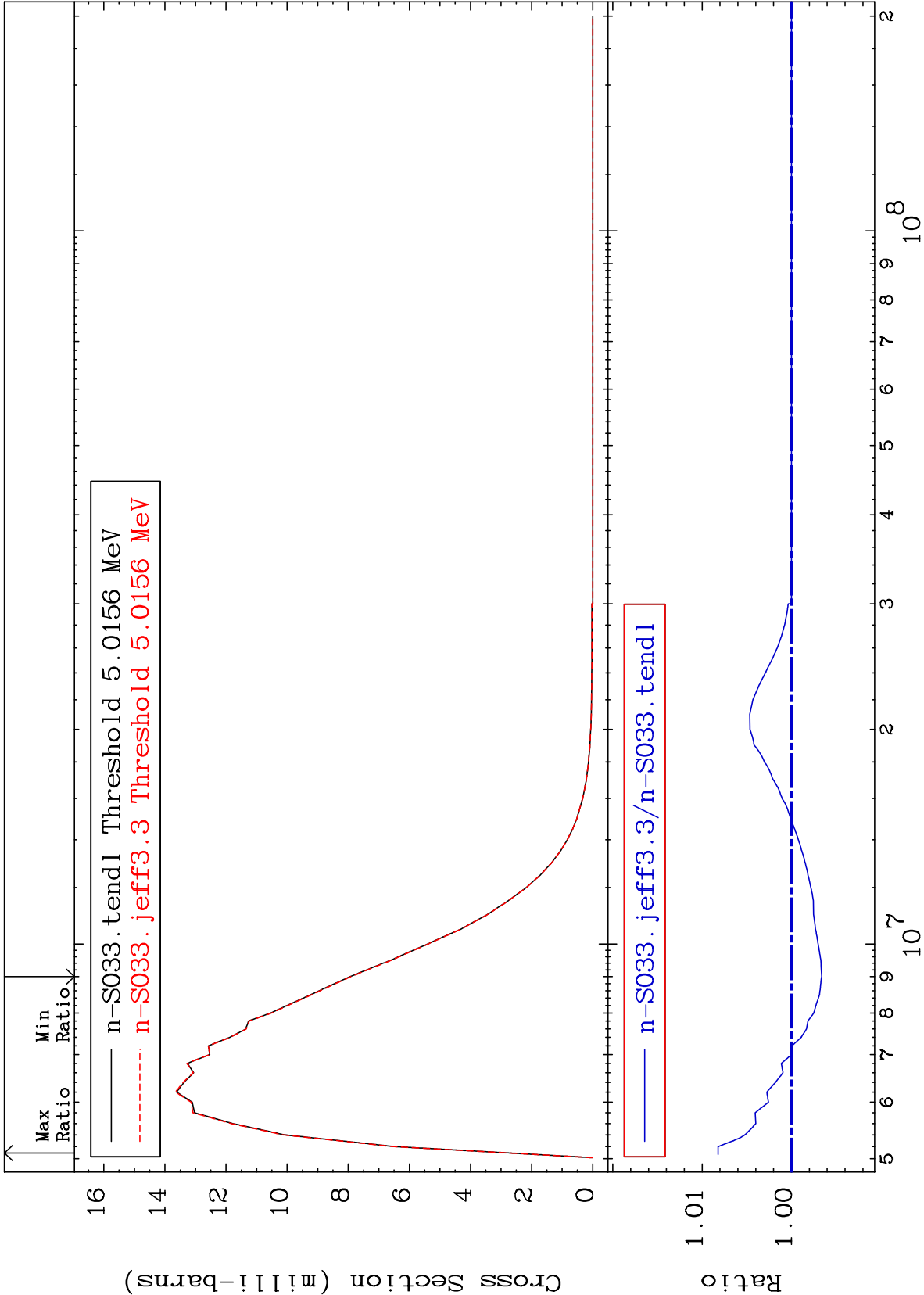
Incident Energy (eV)

16-S -33

MAT 1628

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

16-S -33
-0.338 To 0.821 %



38

Incident Energy (eV)

16-S -33

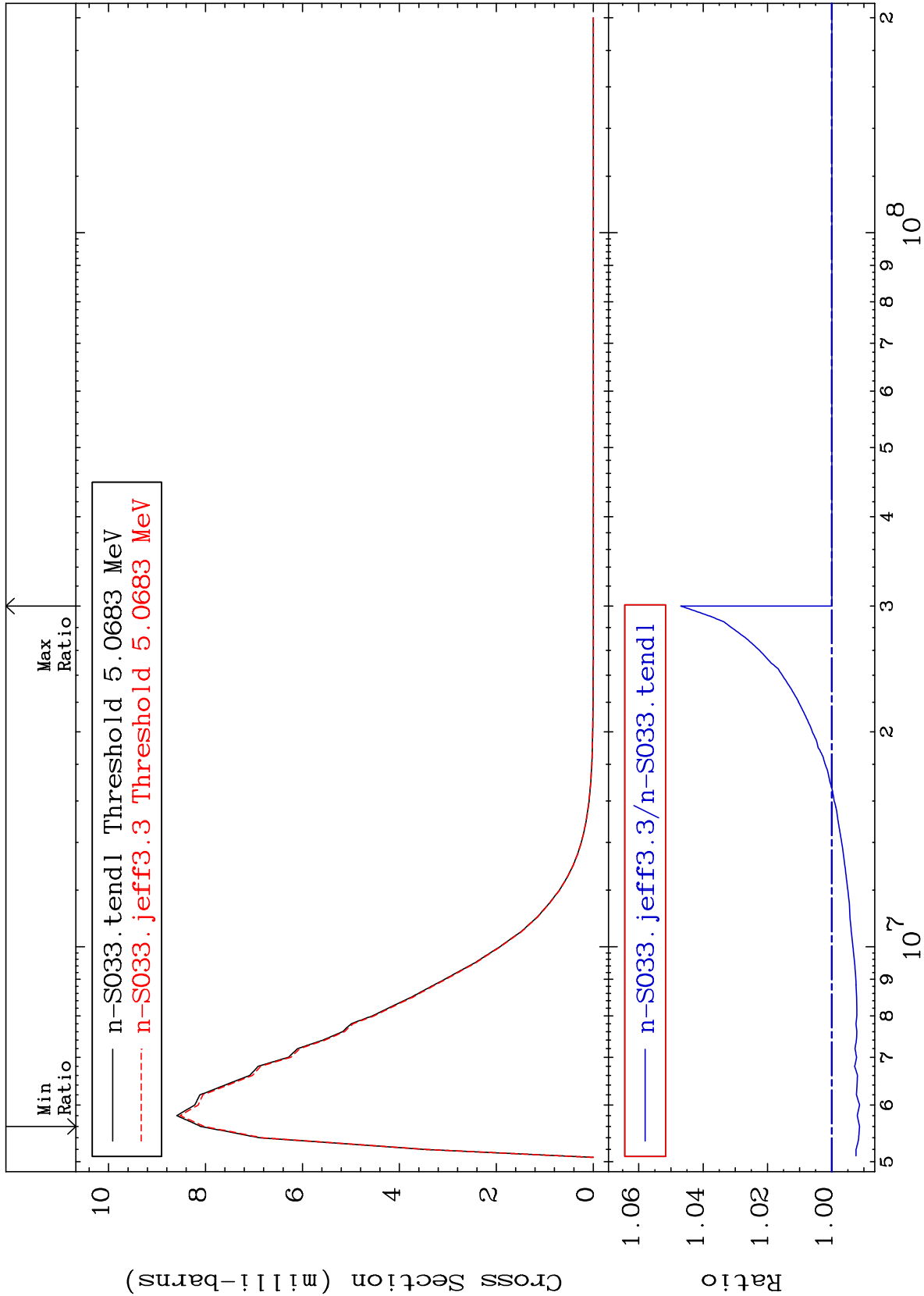
MAT 1628

MT= 73 (n,n') Level

16-S -33

-0.864 To 4.694 %

Cross Section



— n-S033.tendl Threshold 5.0683 MeV
- - - n-S033.jeff3.3 Threshold 5.0683 MeV

— n-S033.jeff3.3/n-S033.tendl

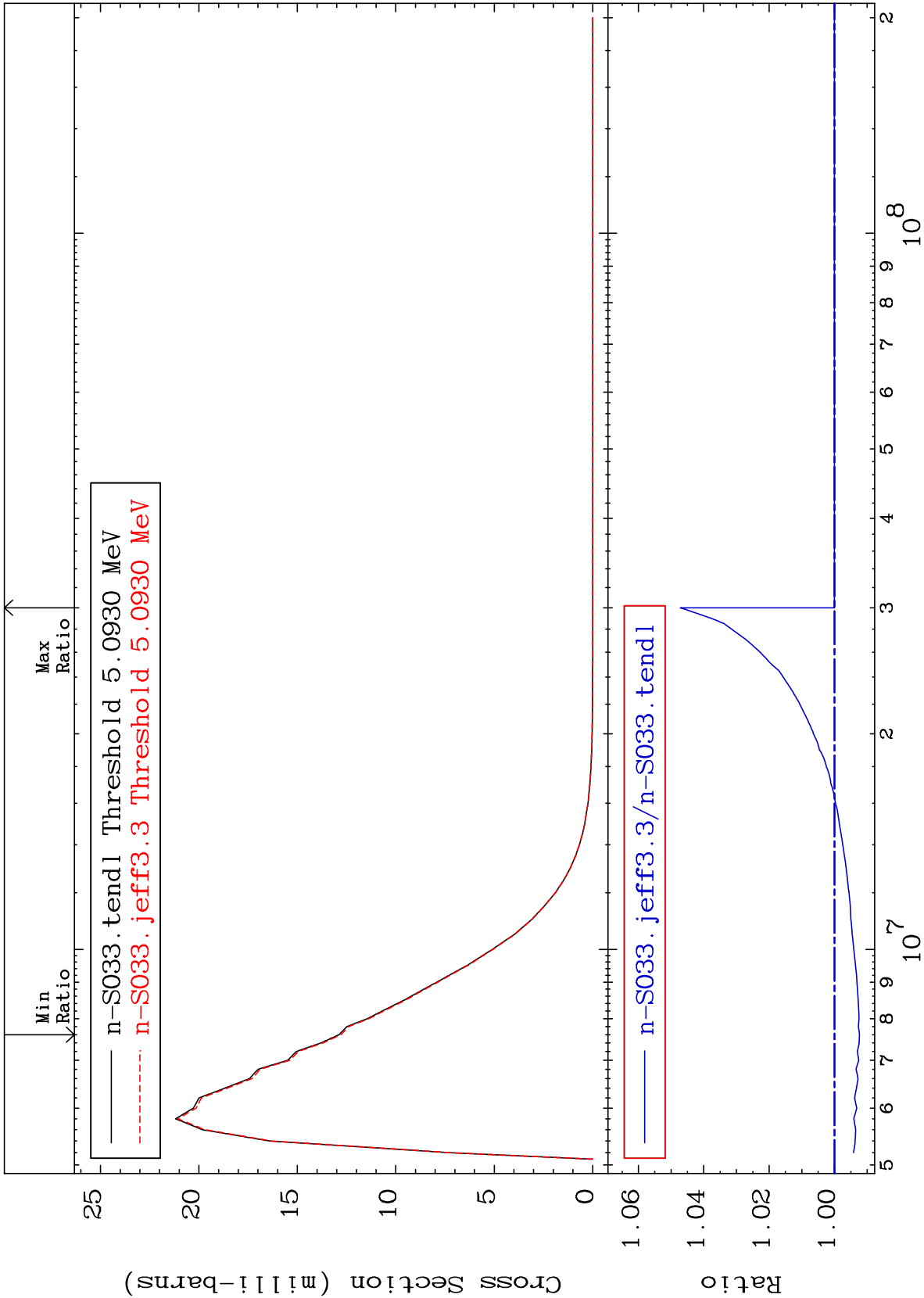
MAT 1628

MT= 74 (n,n') Level

16-S -33

-0.765 To 4.716 %

Cross Section



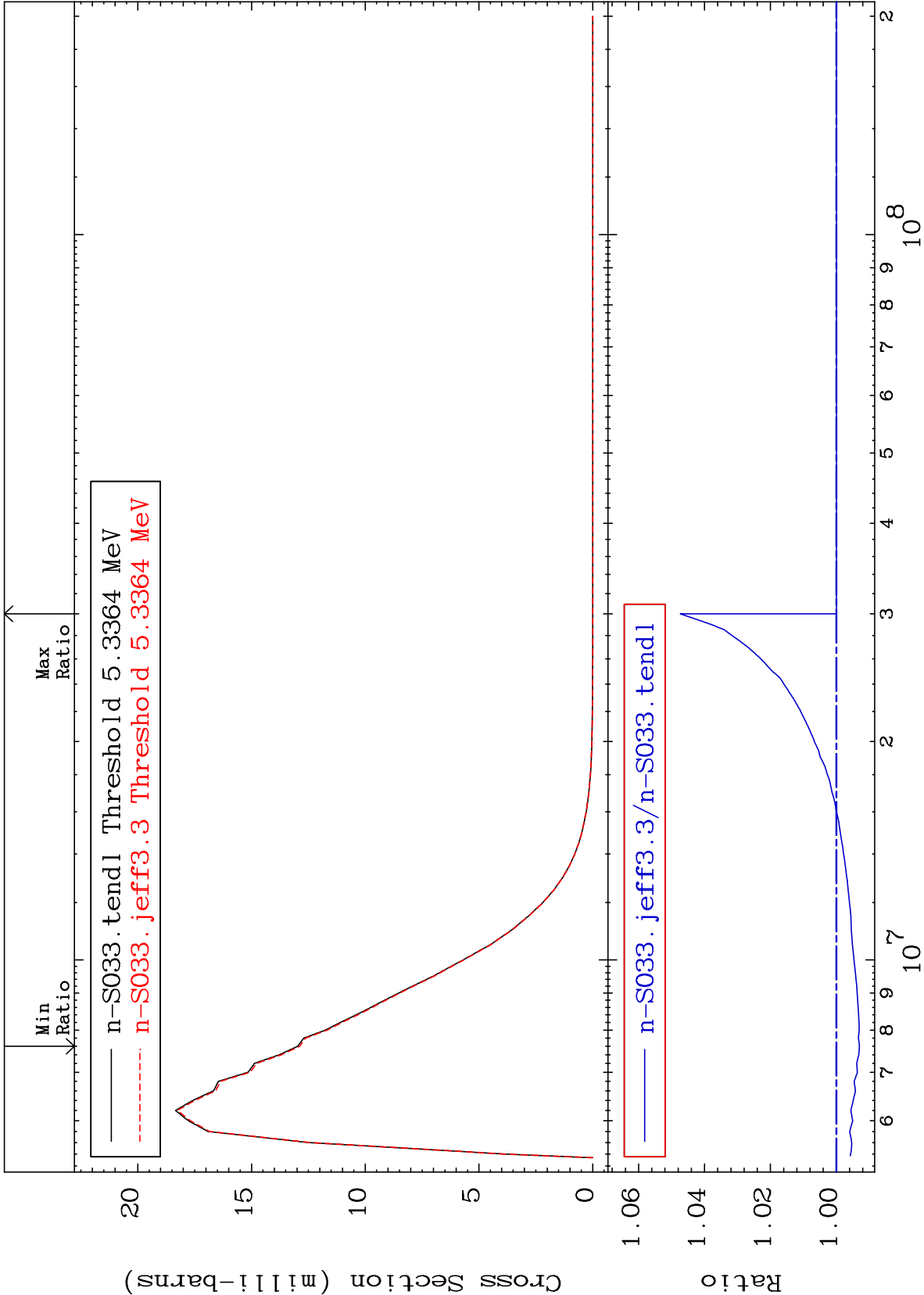
MAT 1628

MT= 75 (n,n') Level

16-S -33

Cross Section

-0.698 To 4.733 %



41

Incident Energy (eV)

16-S -33

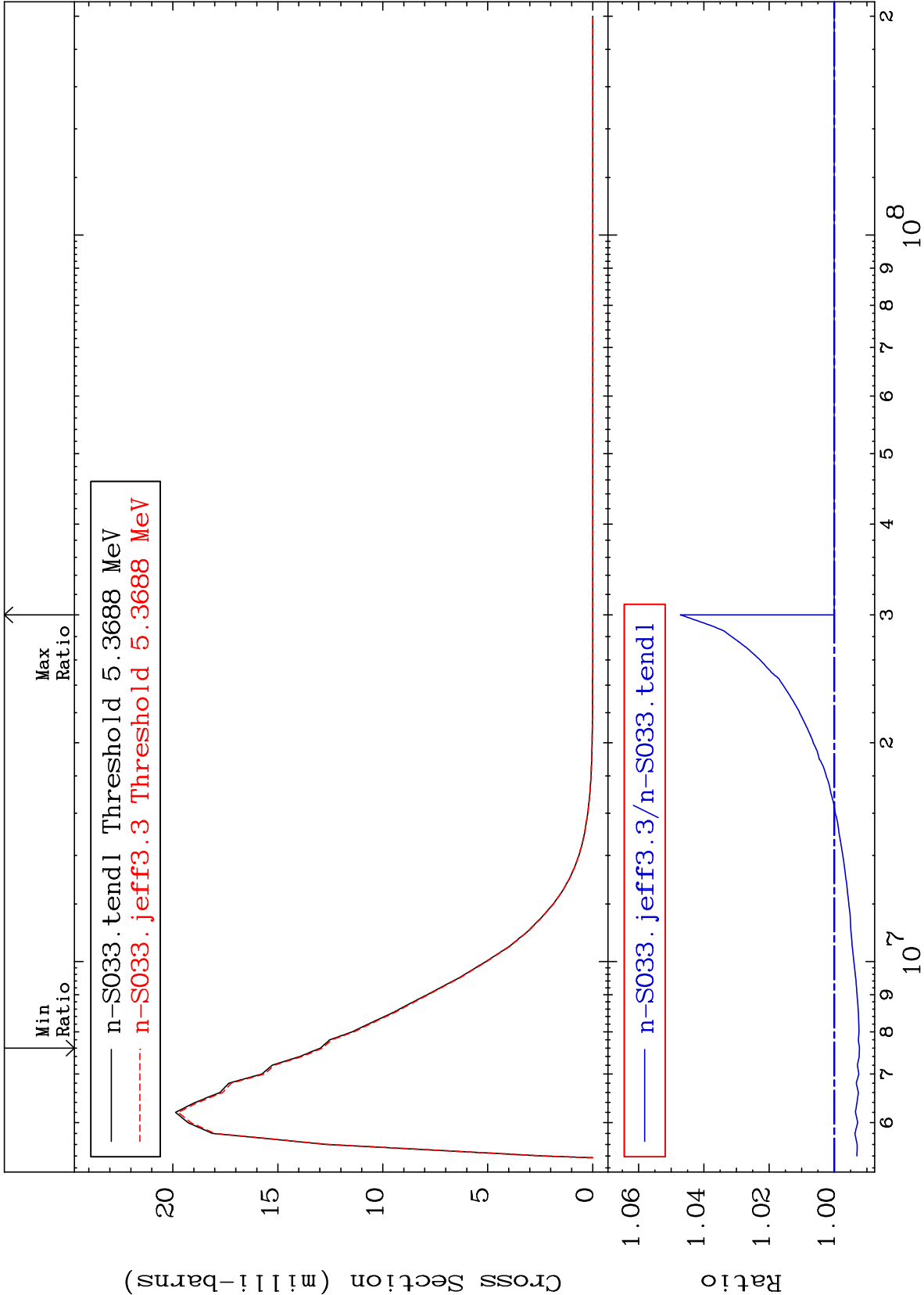
MAT 1628

MT= 76 (n,n') Level

16-S -33

-0.770 To 4.720 %

Cross Section



42

Incident Energy (eV)

16-S -33

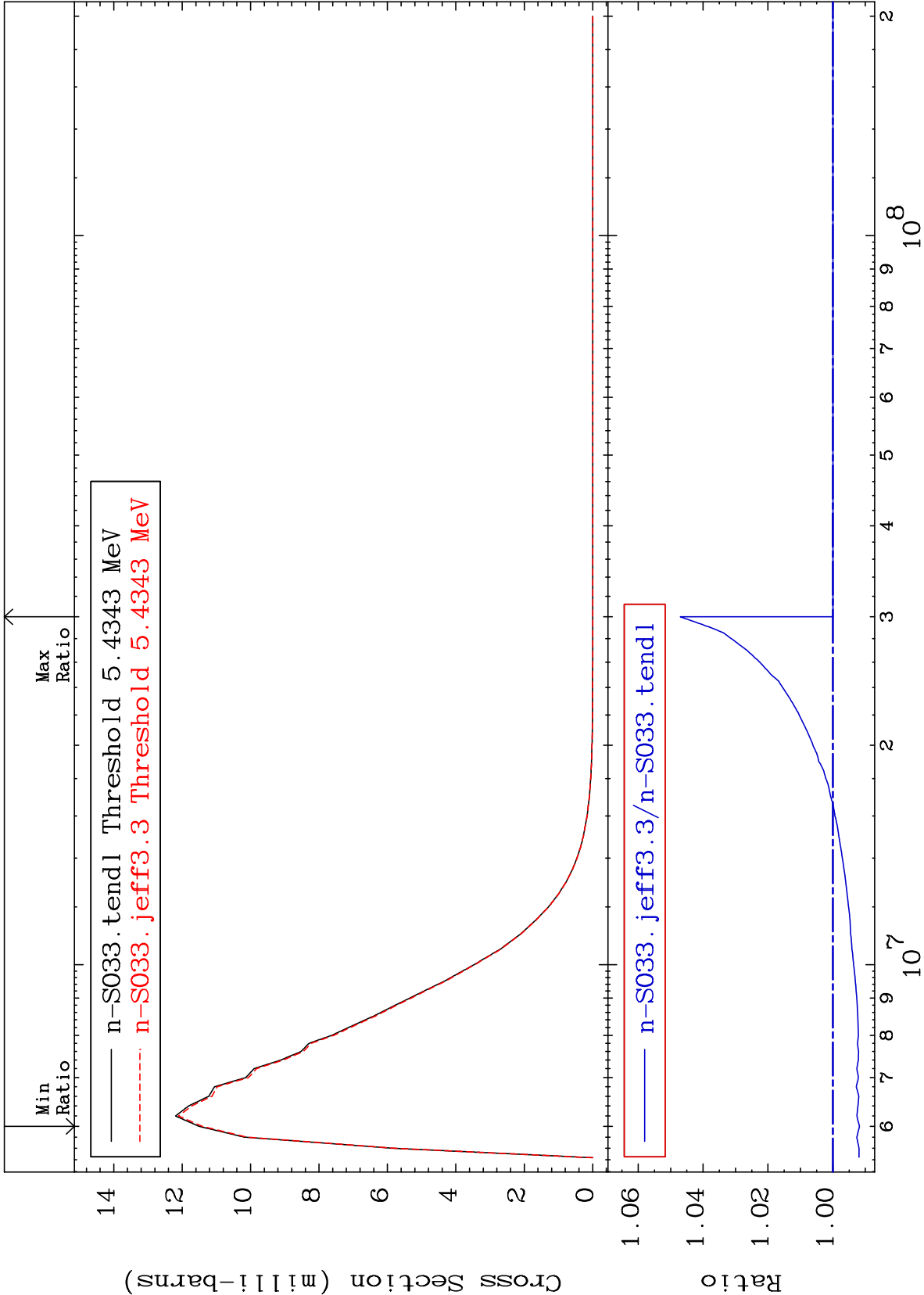
MAT 1628

MT= 77 (n,n') Level

16-S -33

-0.818 To 4.701 %

Cross Section



43

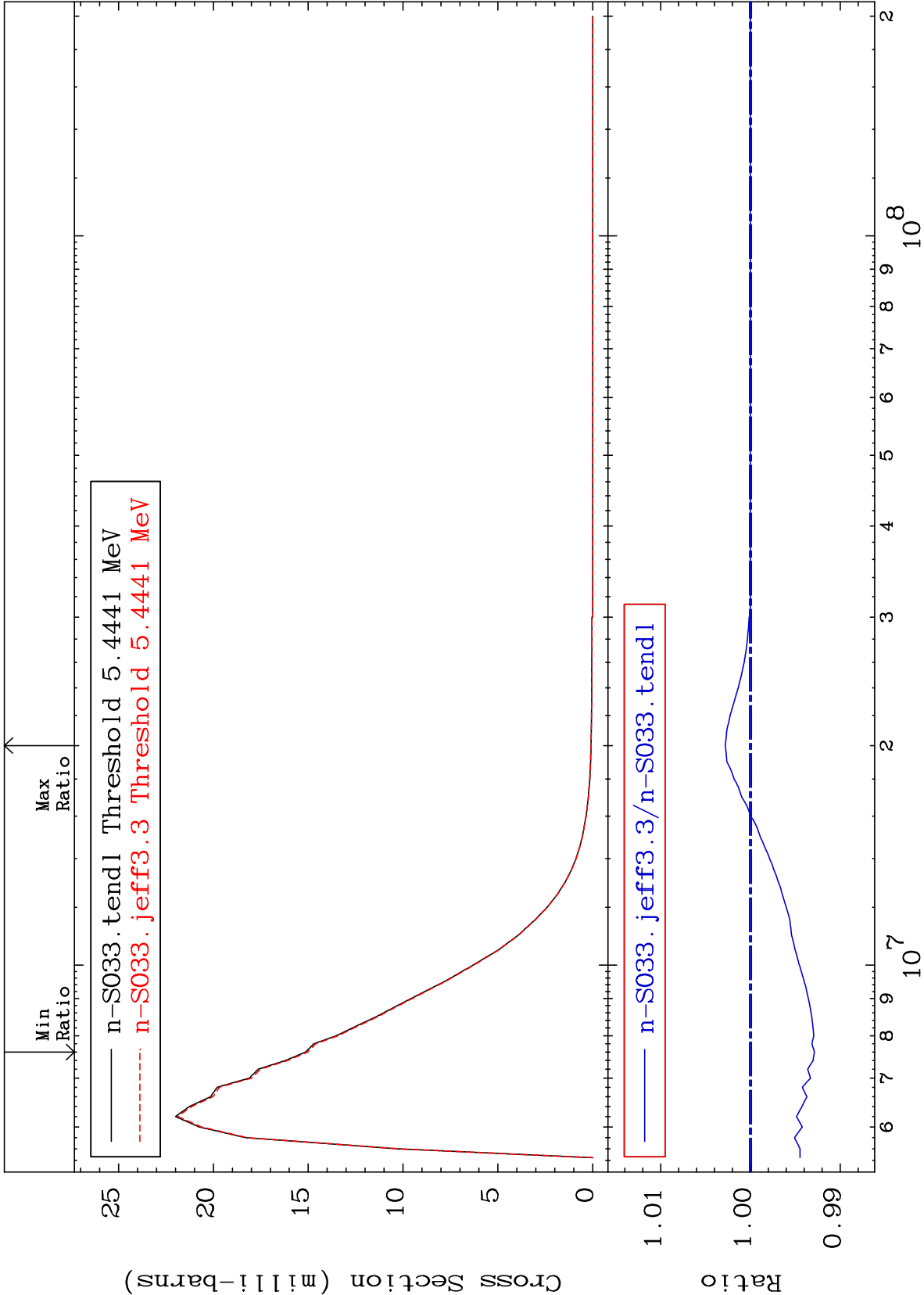
Incident Energy (eV)

16-S -33

MAT 1628

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

16-S -33
-0.713 To 0.279 %



44

Incident Energy (eV)

16-S -33

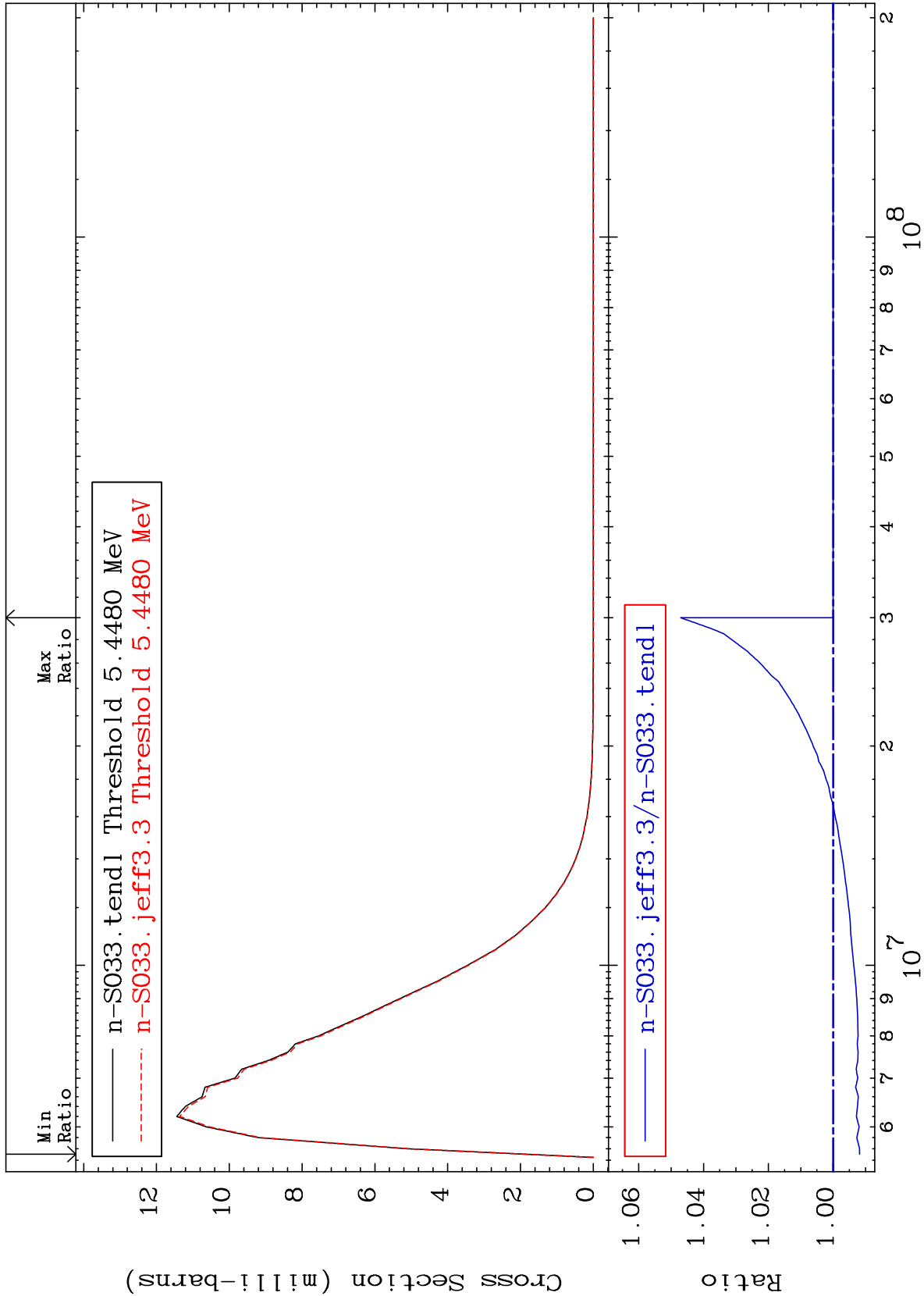
MAT 1628

MT= 79 (n,n') Level

16-S -33

-0.814 To 4.703 %

Cross Section



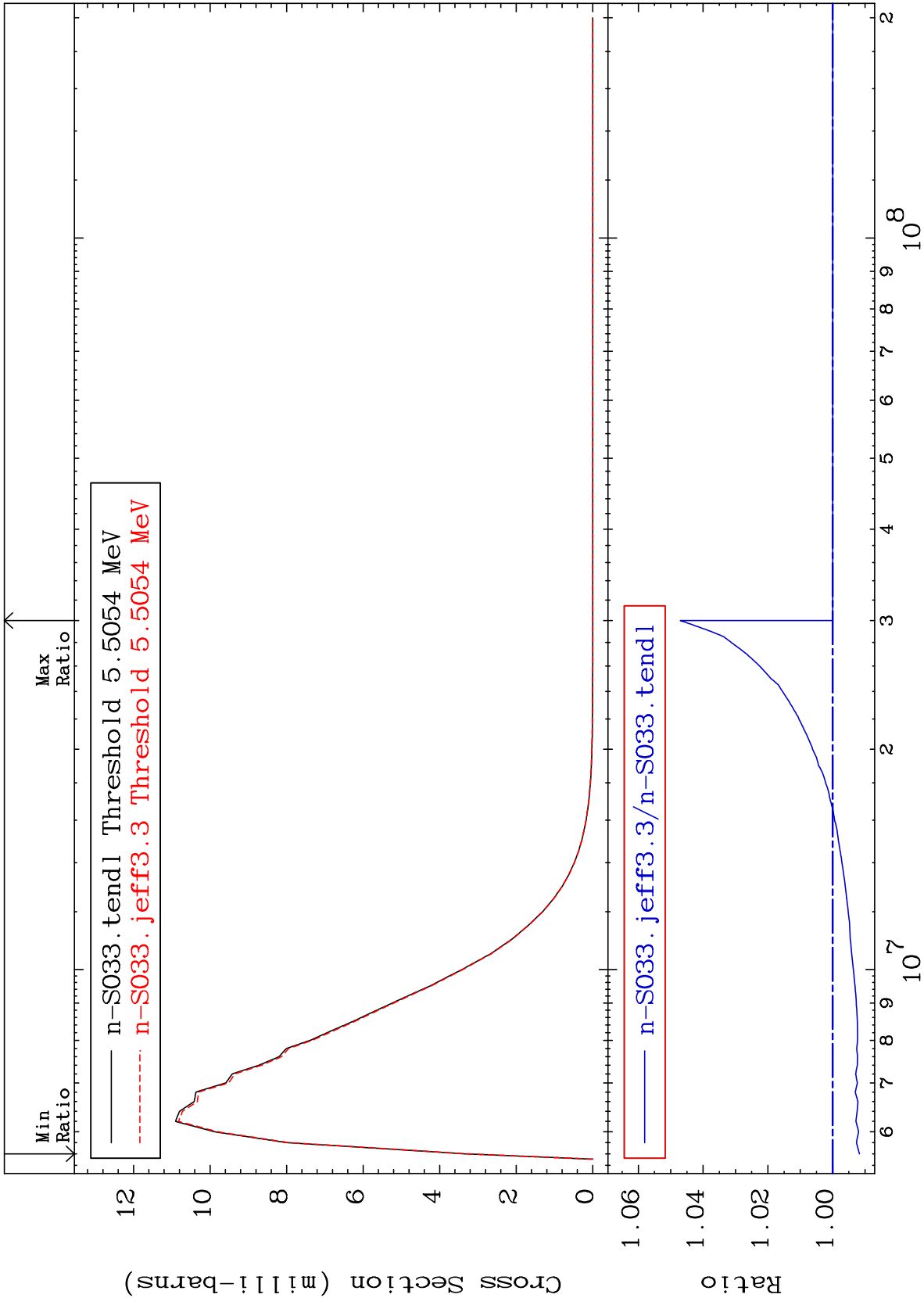
MAT 1628

MT= 80 (n,n') Level

16-S -33

-0.826 To 4.703 %

Cross Section



46

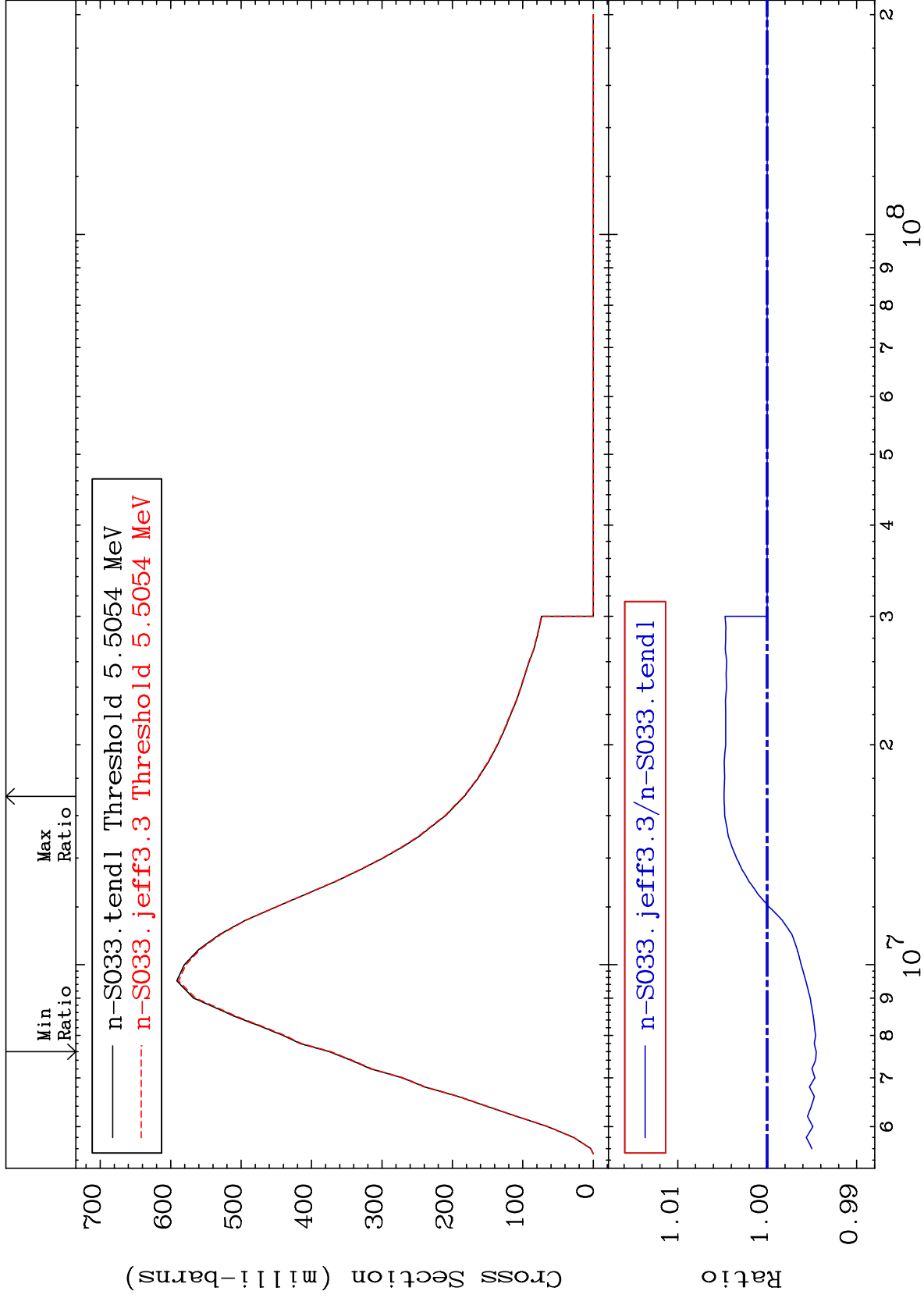
Incident Energy (eV)

16-S -33

MAT 1628

(n,n') Continuum
Cross Section

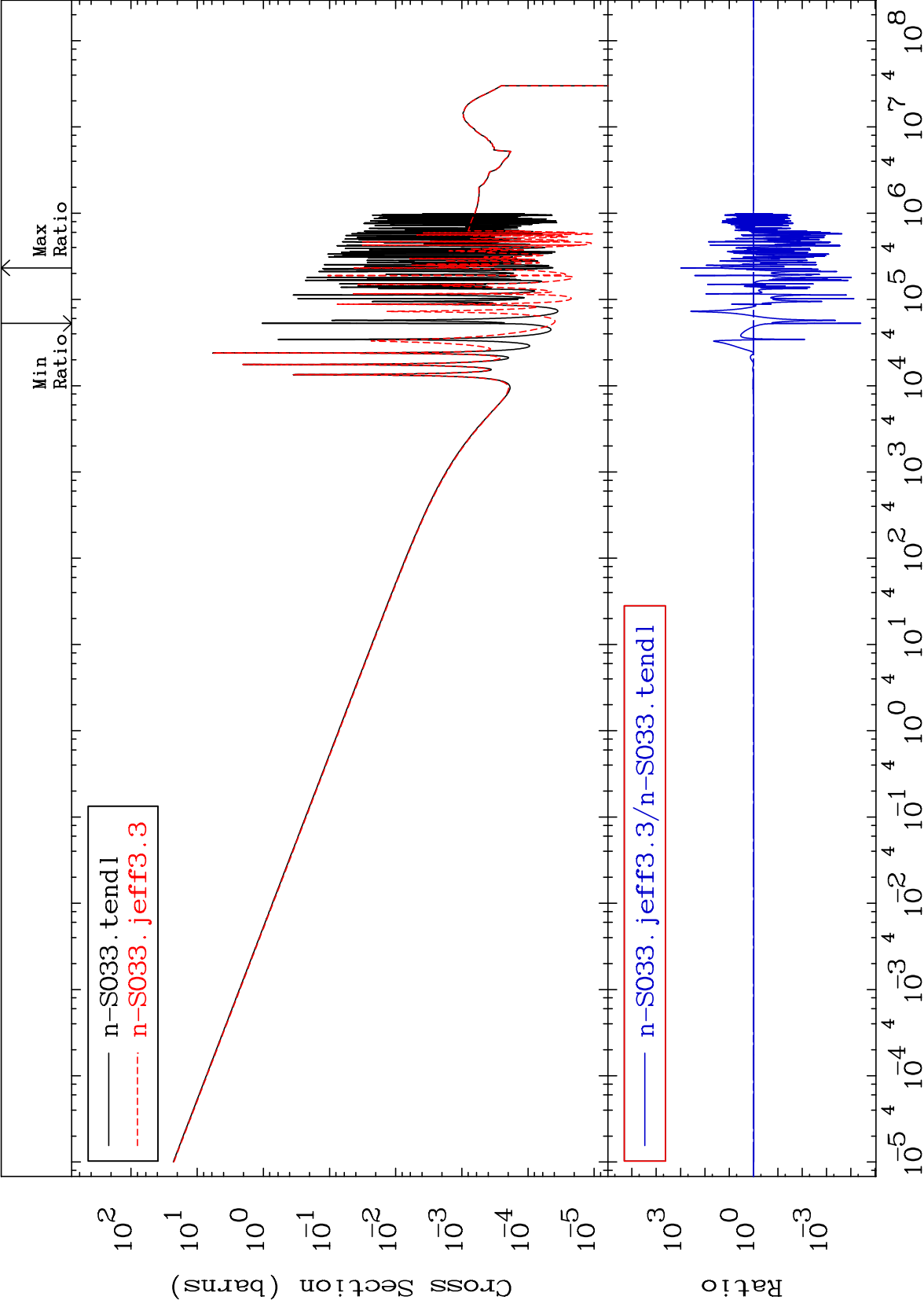
16-S -33
-0.550 To 0.482 %



47

Incident Energy (eV)

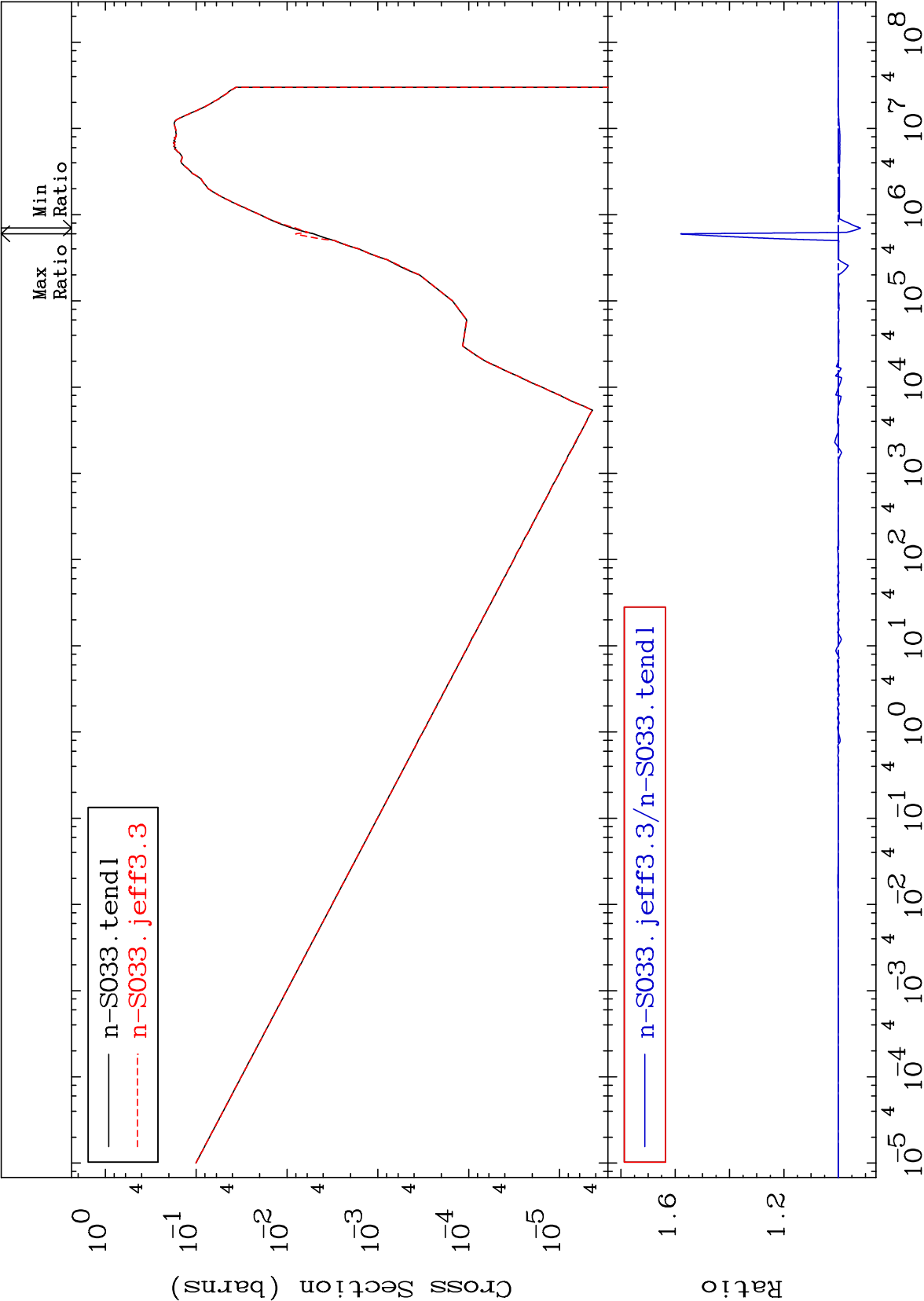
16-S -33



MAT 1628

(n,p)
Cross Section

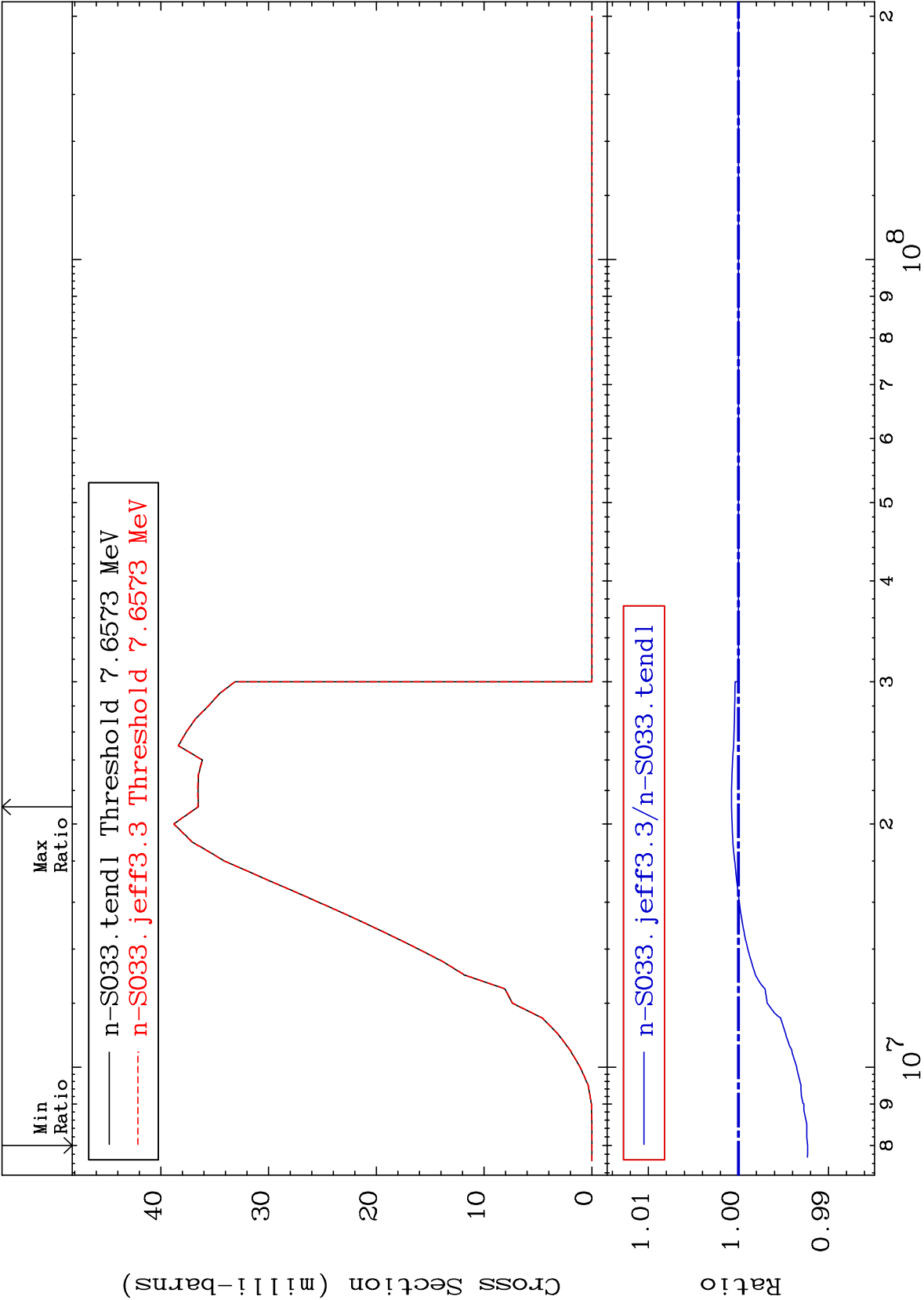
16-S -33
-8.264 To 57.99 %



MAT 1628

(n,d)
Cross Section

16-S -33
-0.767 To 0.078 %



50

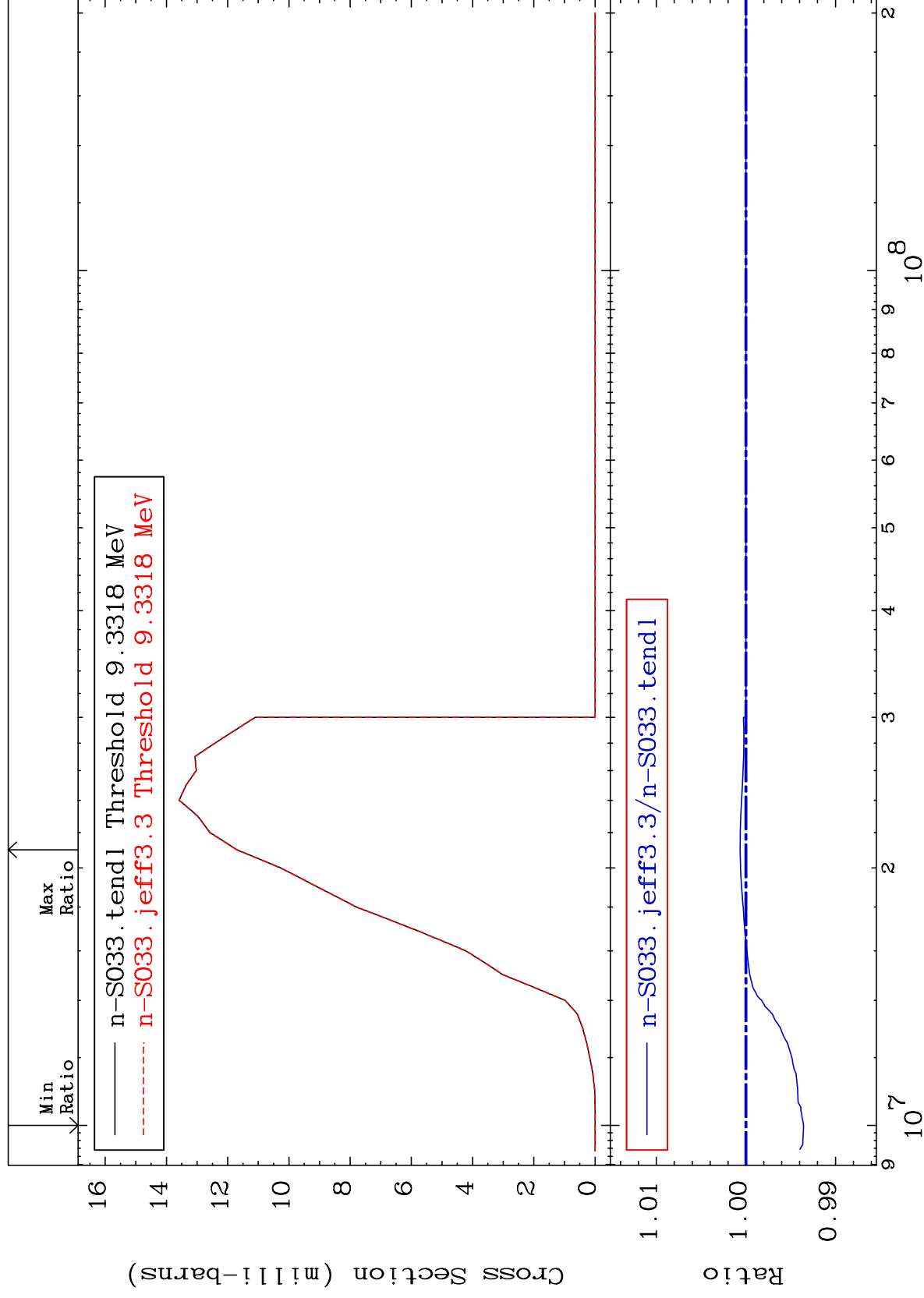
Incident Energy (eV)

16-S -33

MAT 1628

(n,t)
Cross Section

16-S -33
-0.644 To 0.065 %

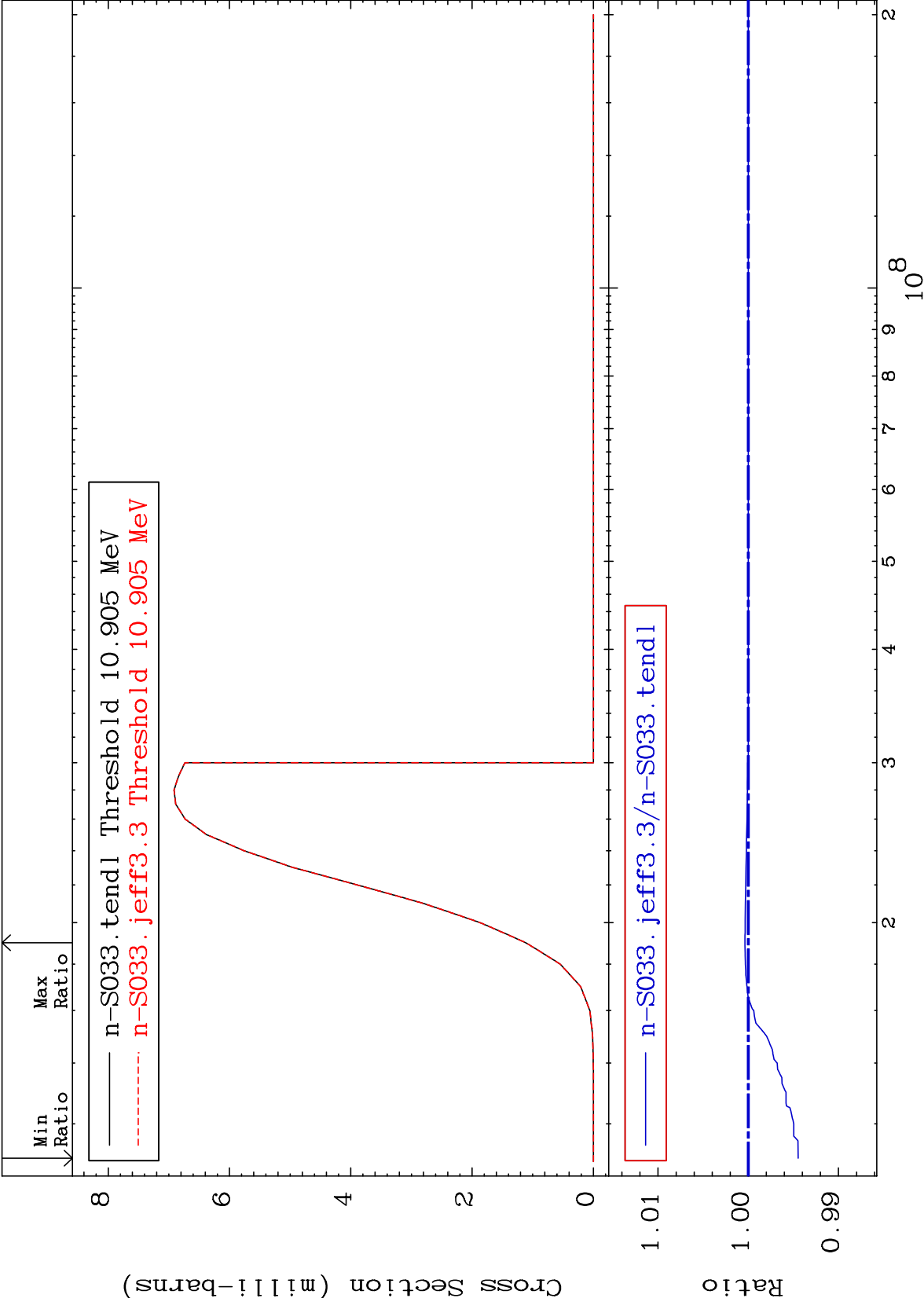


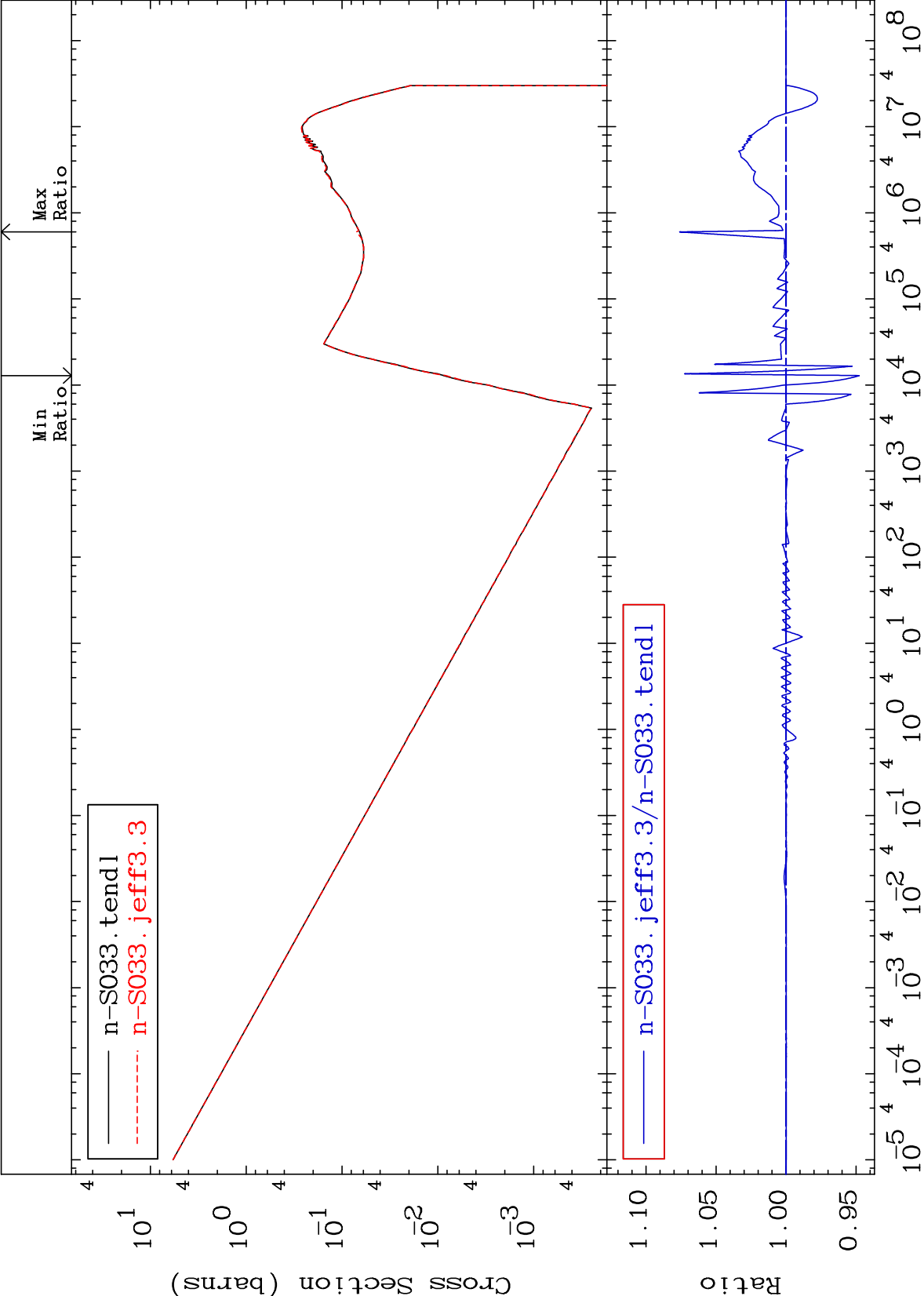
Incident Energy (eV)

16-S -33

Cross Section

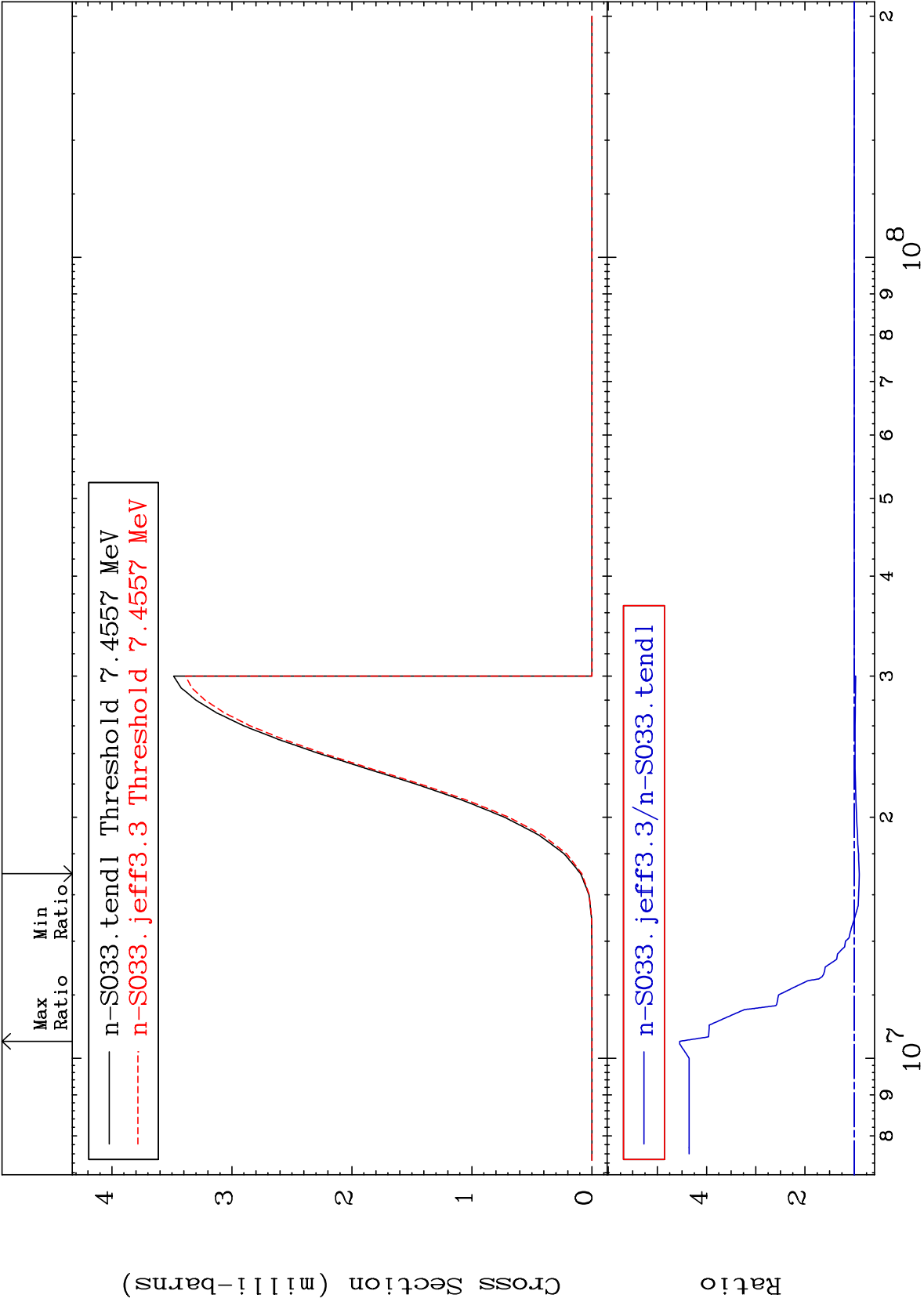
-0.552 To 0.038 %





Cross Section

-10.30 To 354.5 %



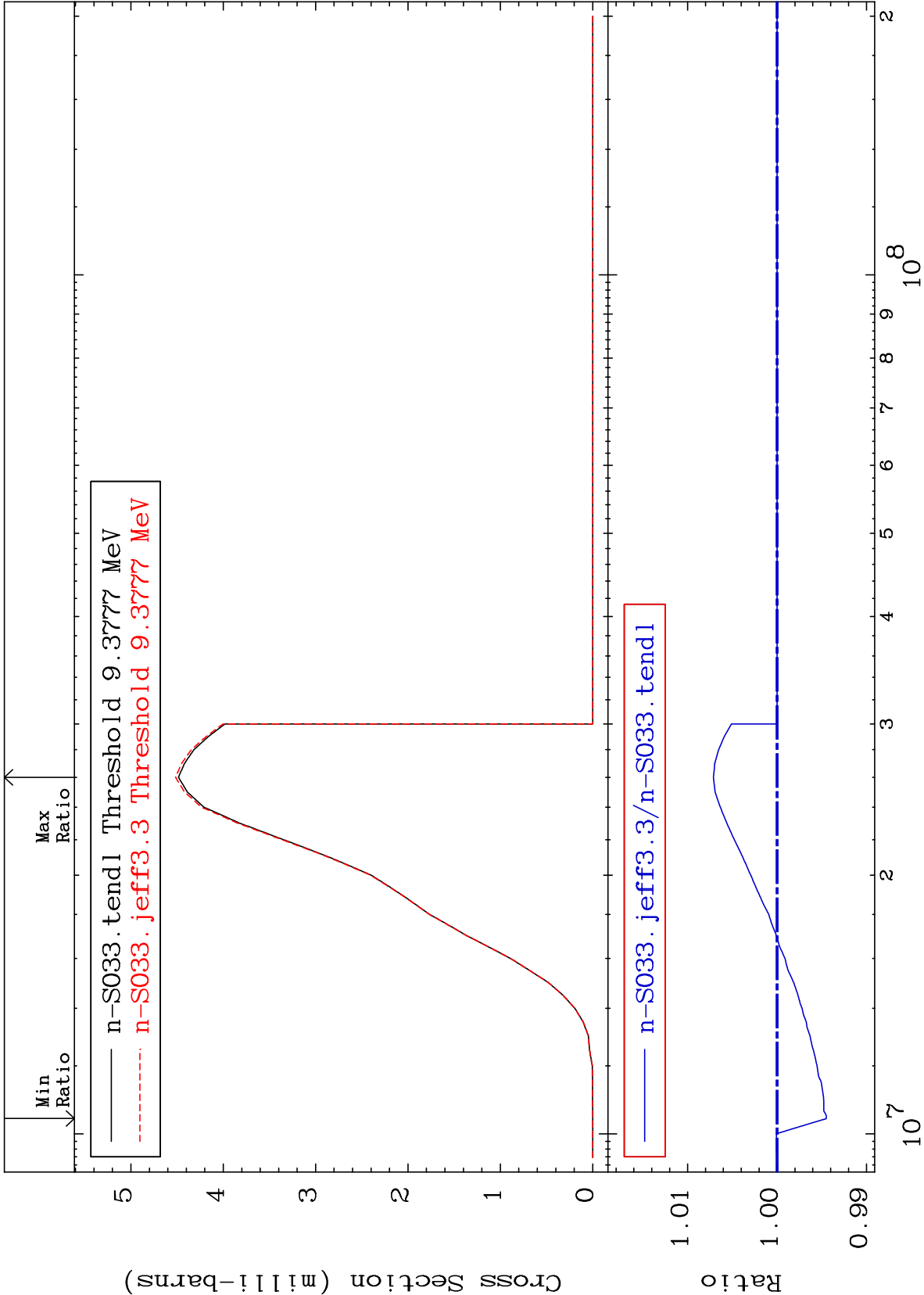
MAT 1628

(n,2p)

16-S -33

Cross Section

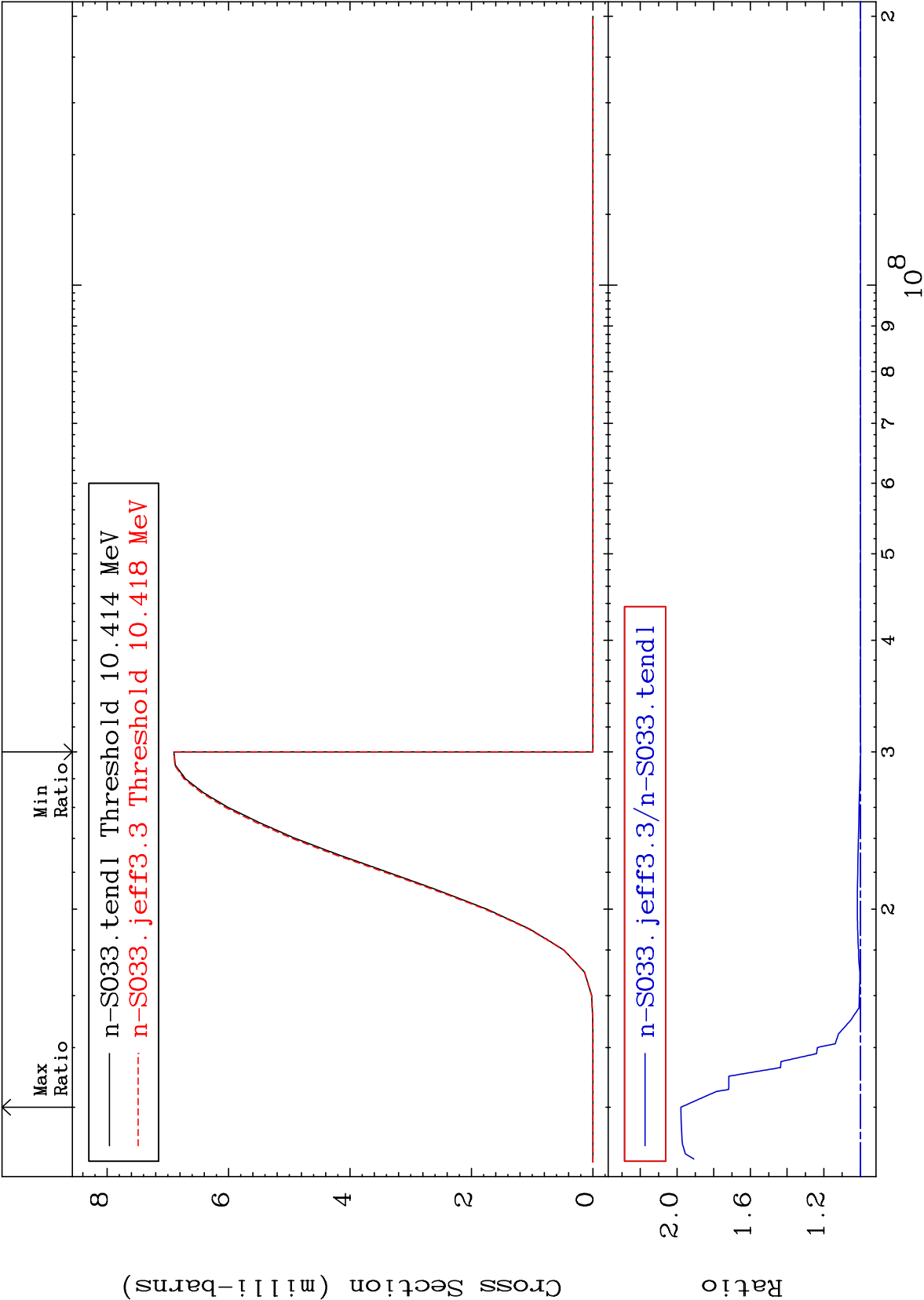
-0.551 To 0.711 %

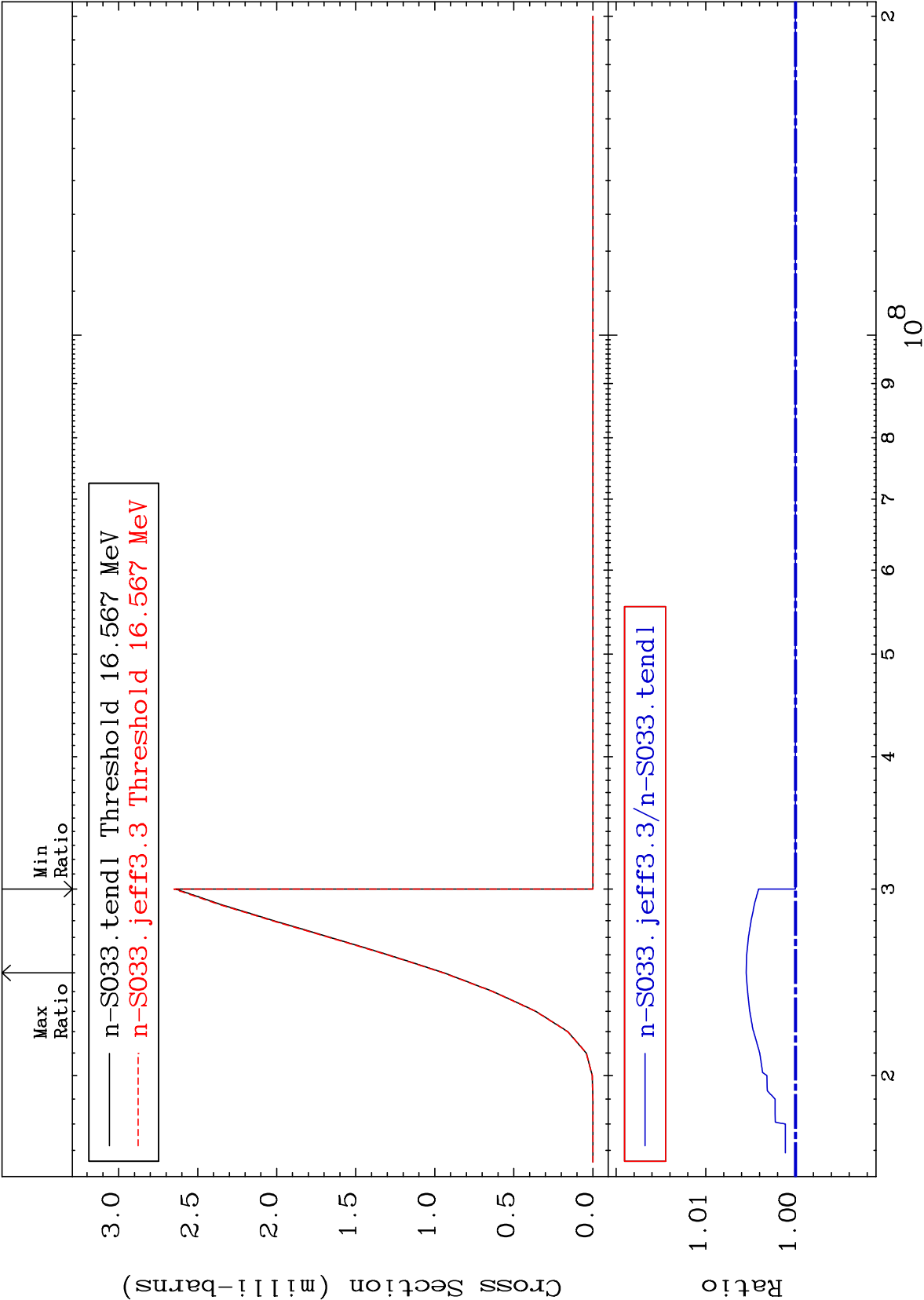


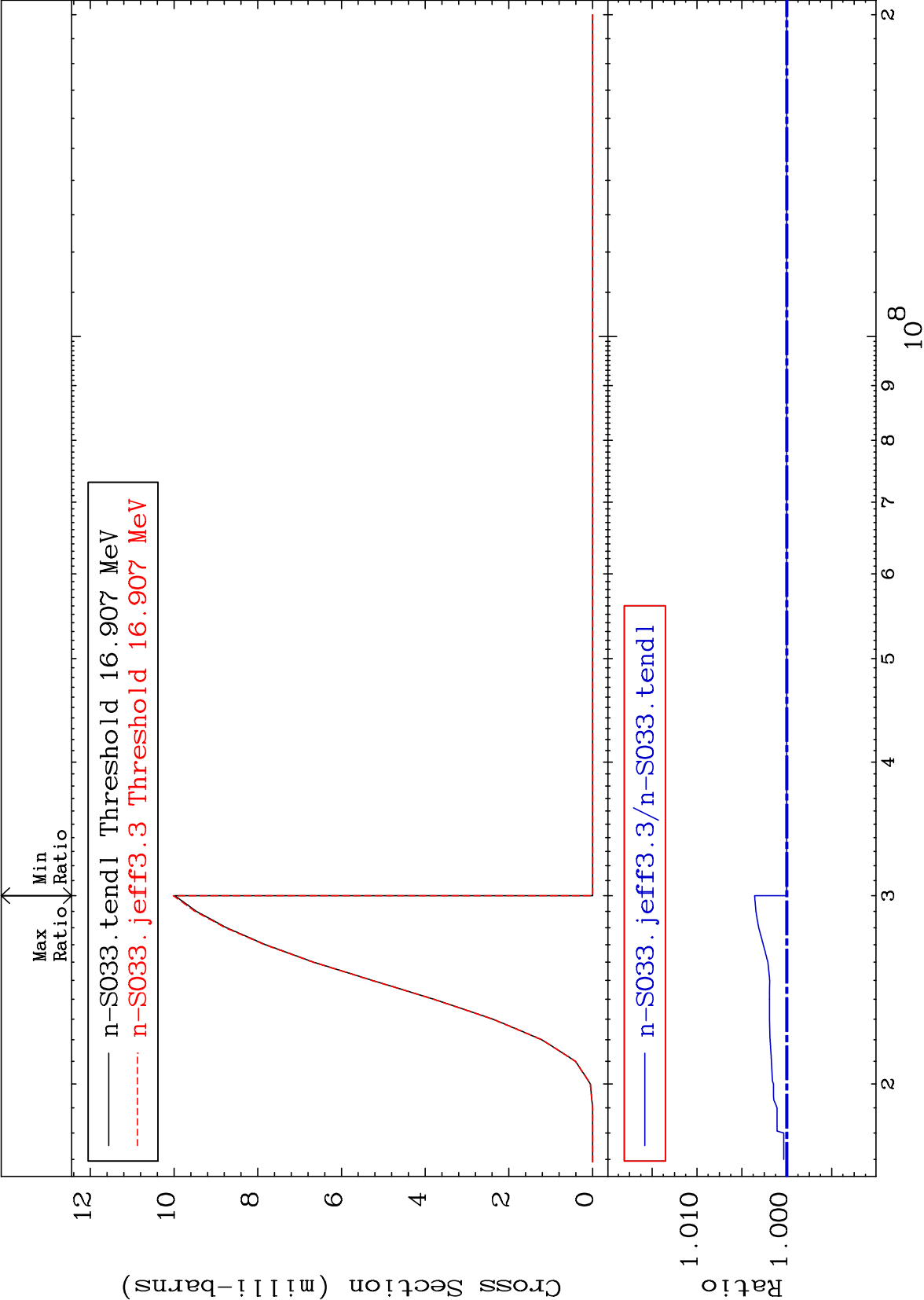
Incident Energy (eV)

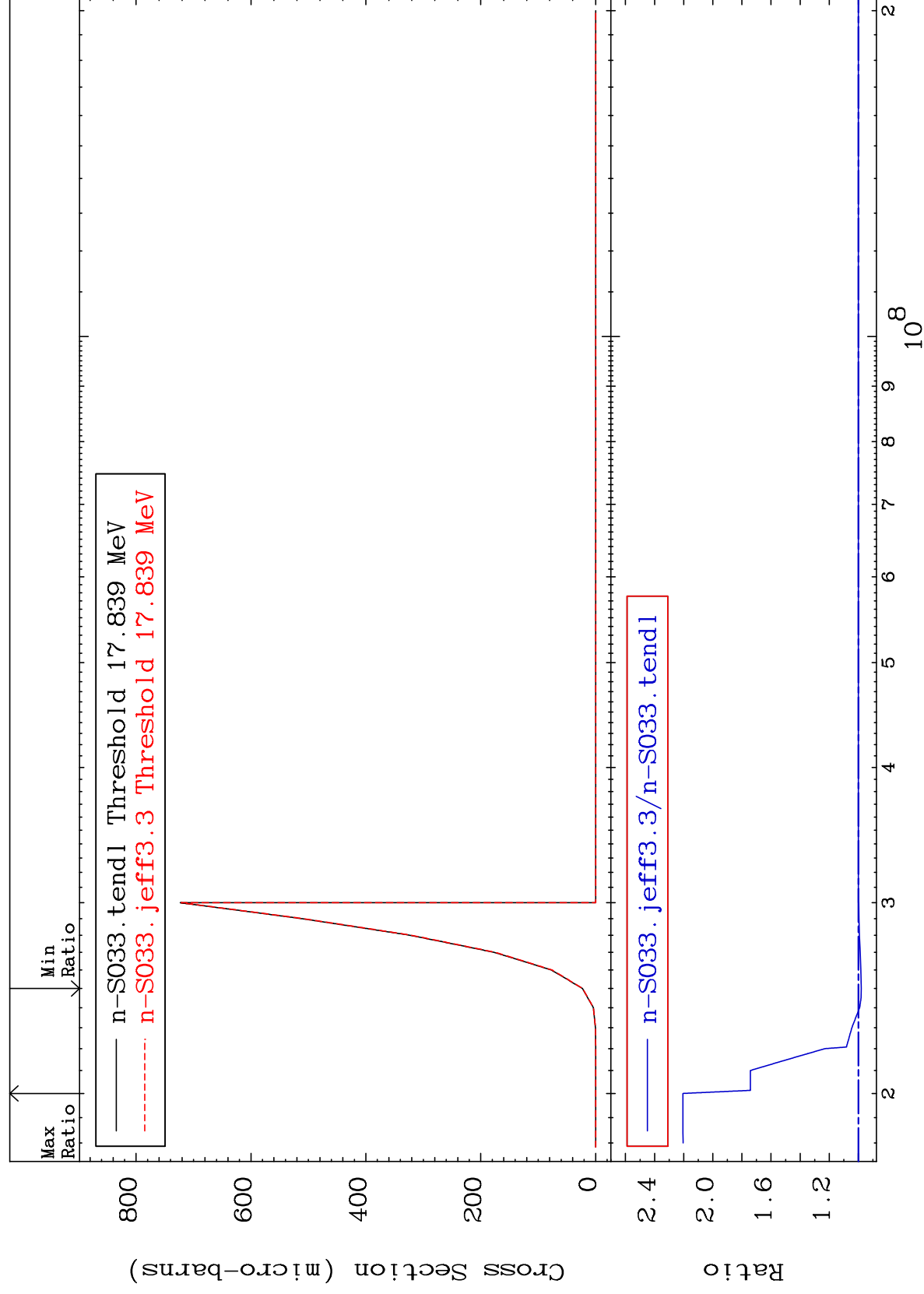
16-S -33

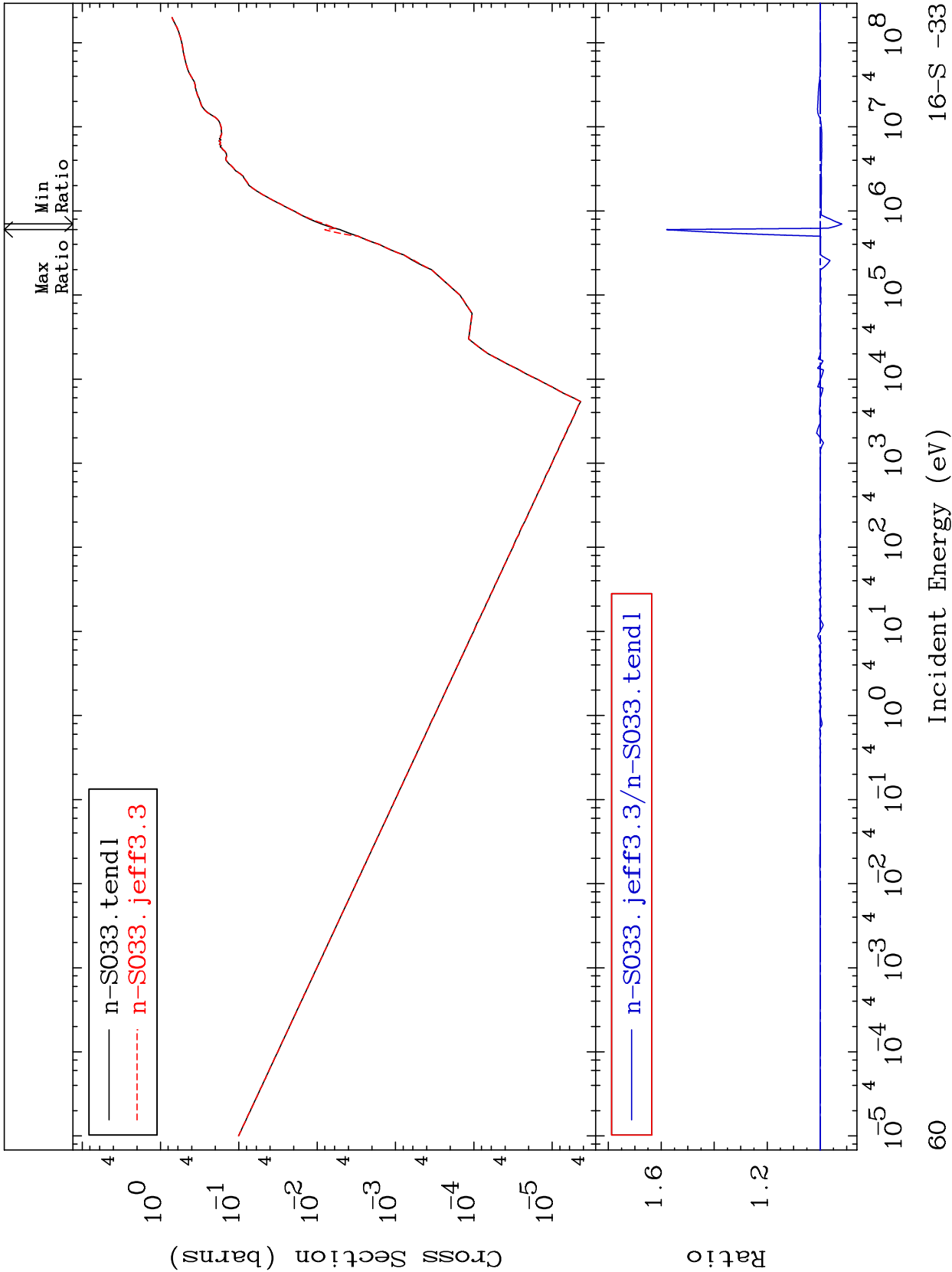
55

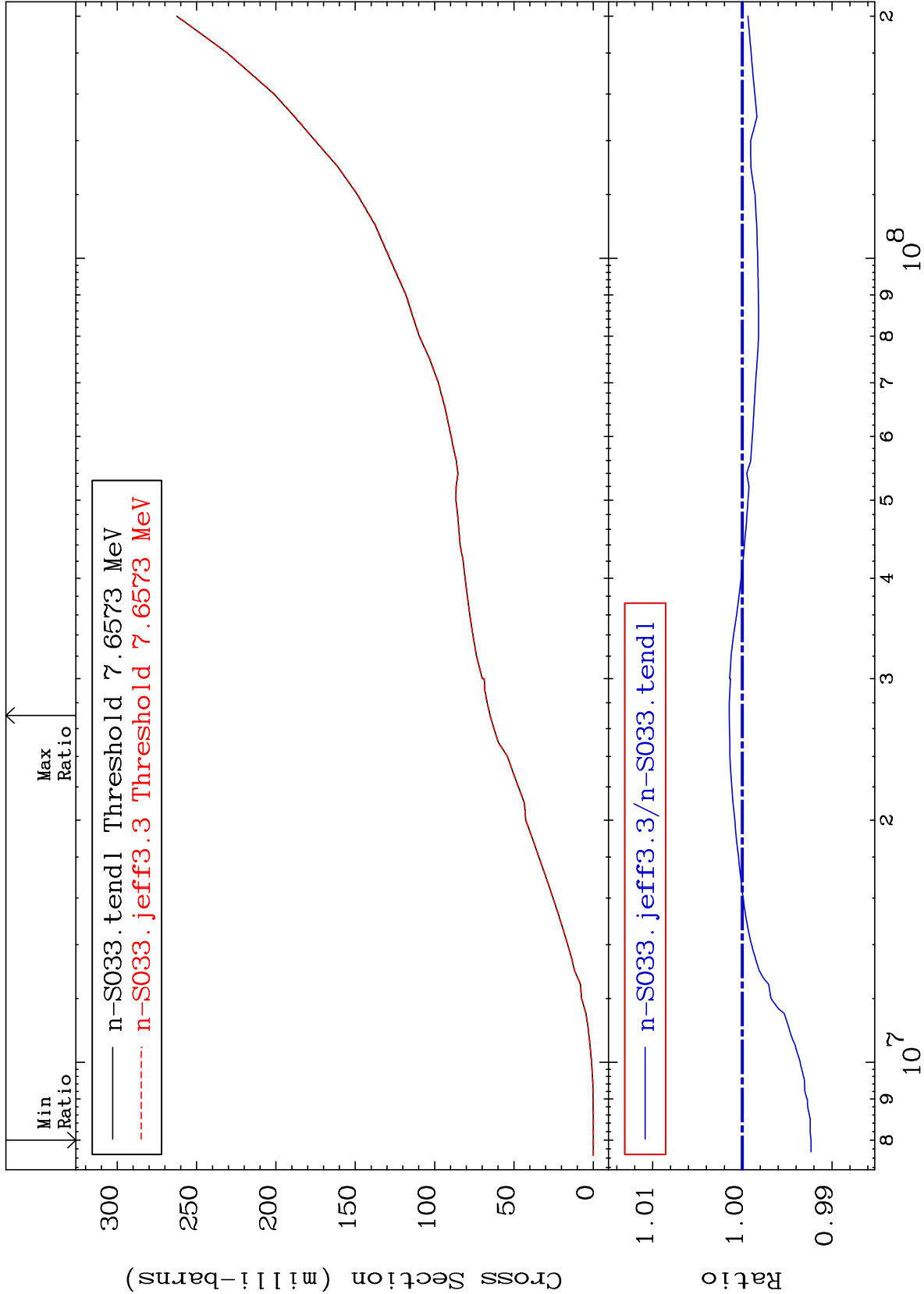


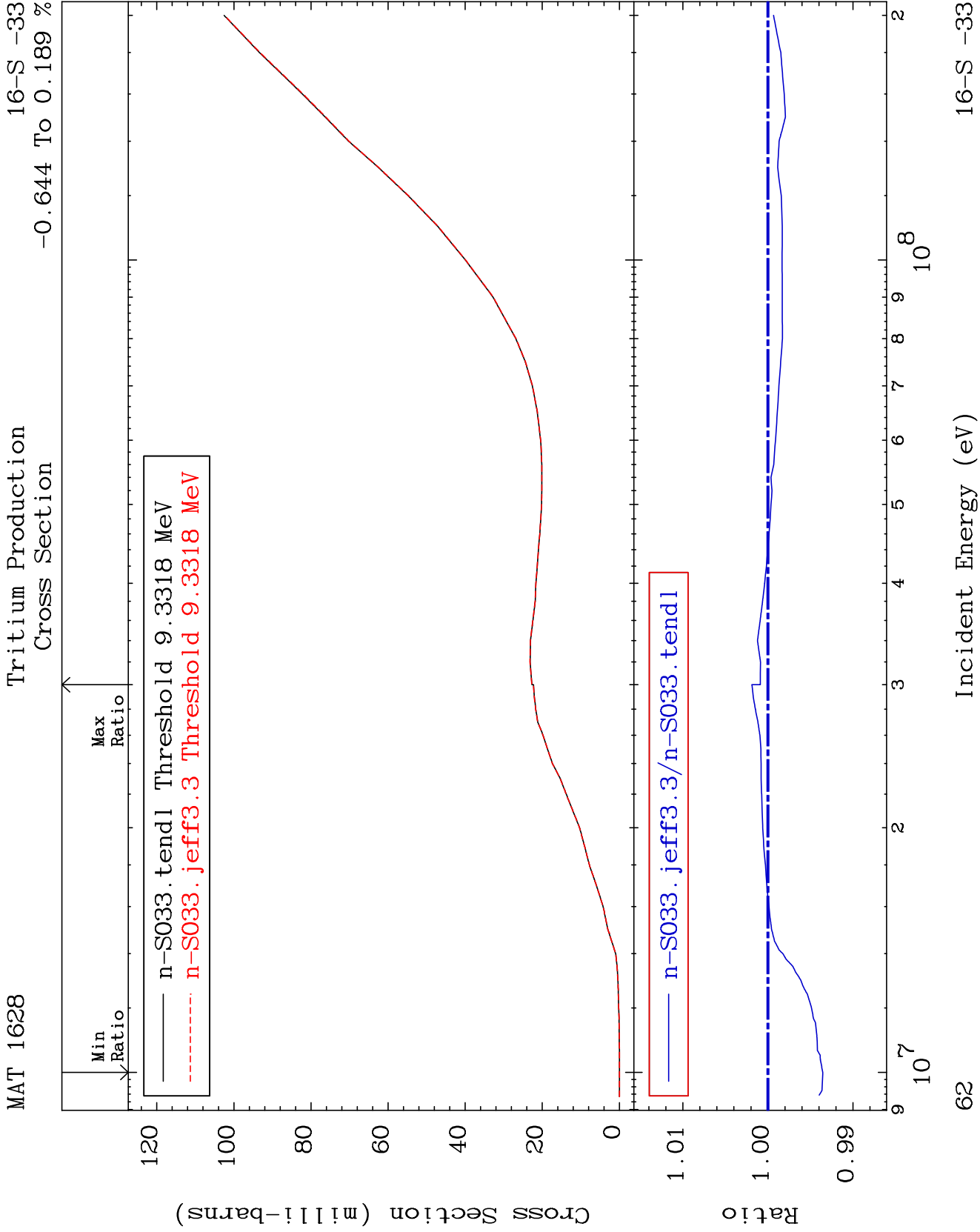








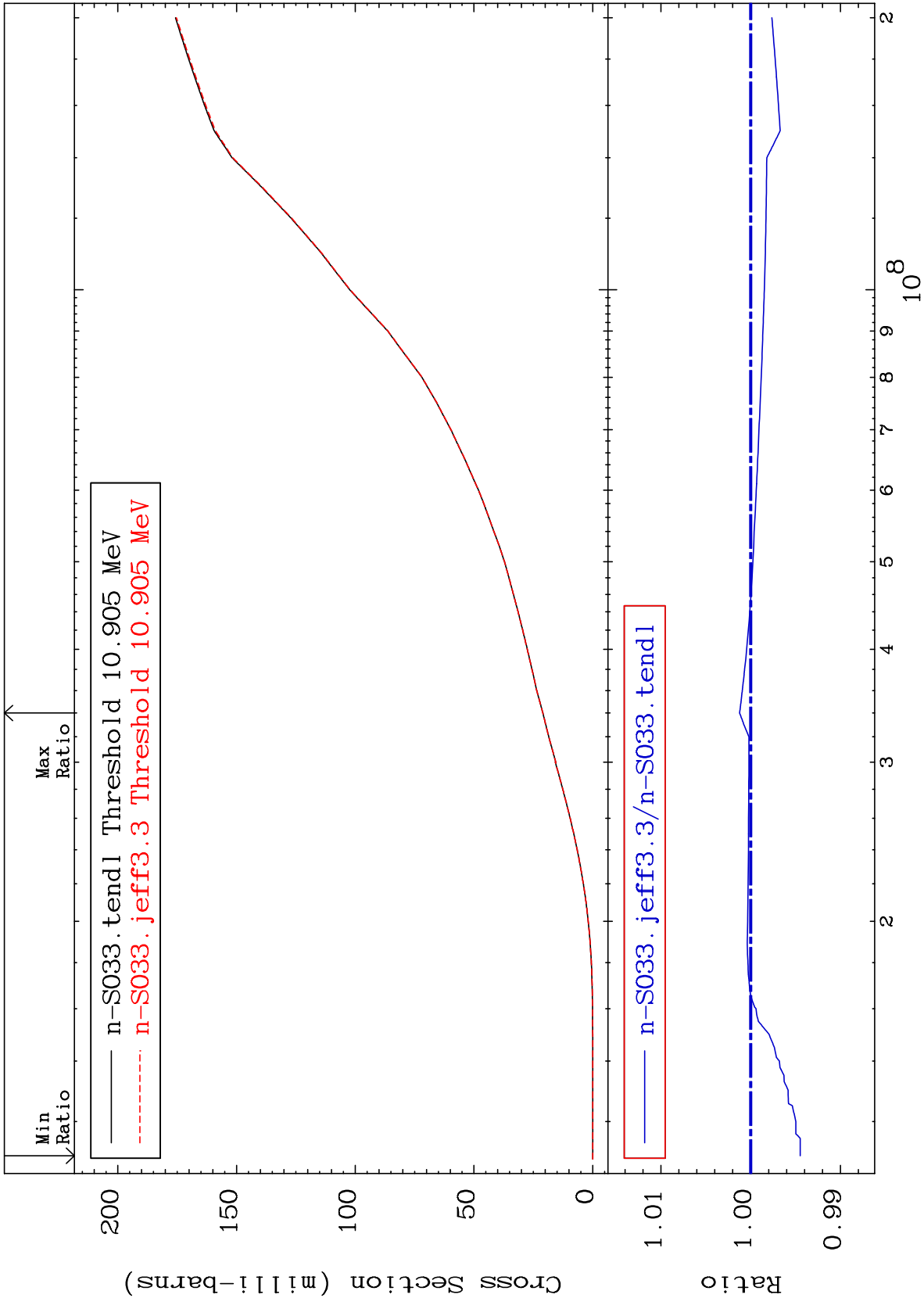




MAT 1628

He-3 Production
Cross Section

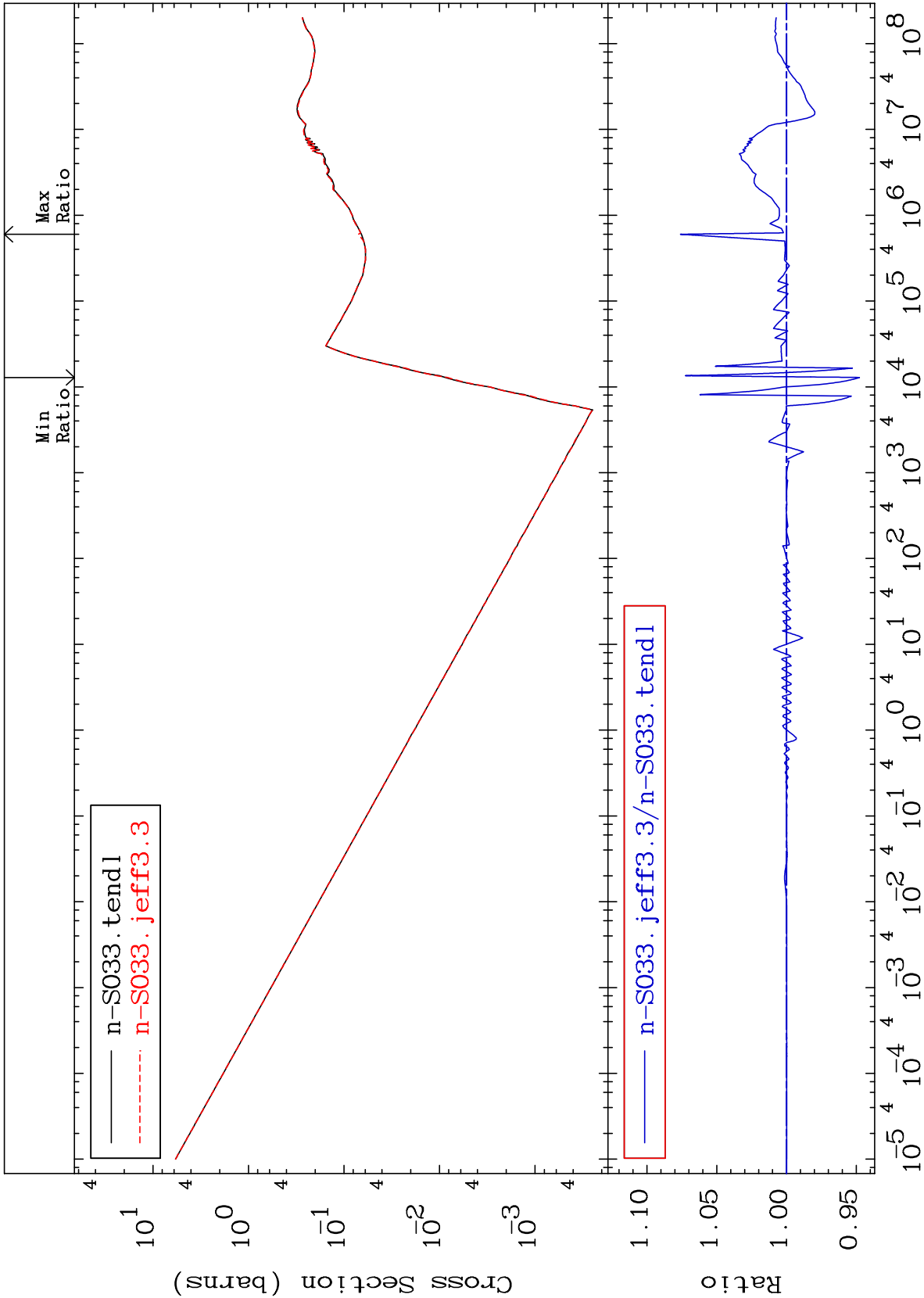
16-S -33
-0.552 To 0.124 %



63

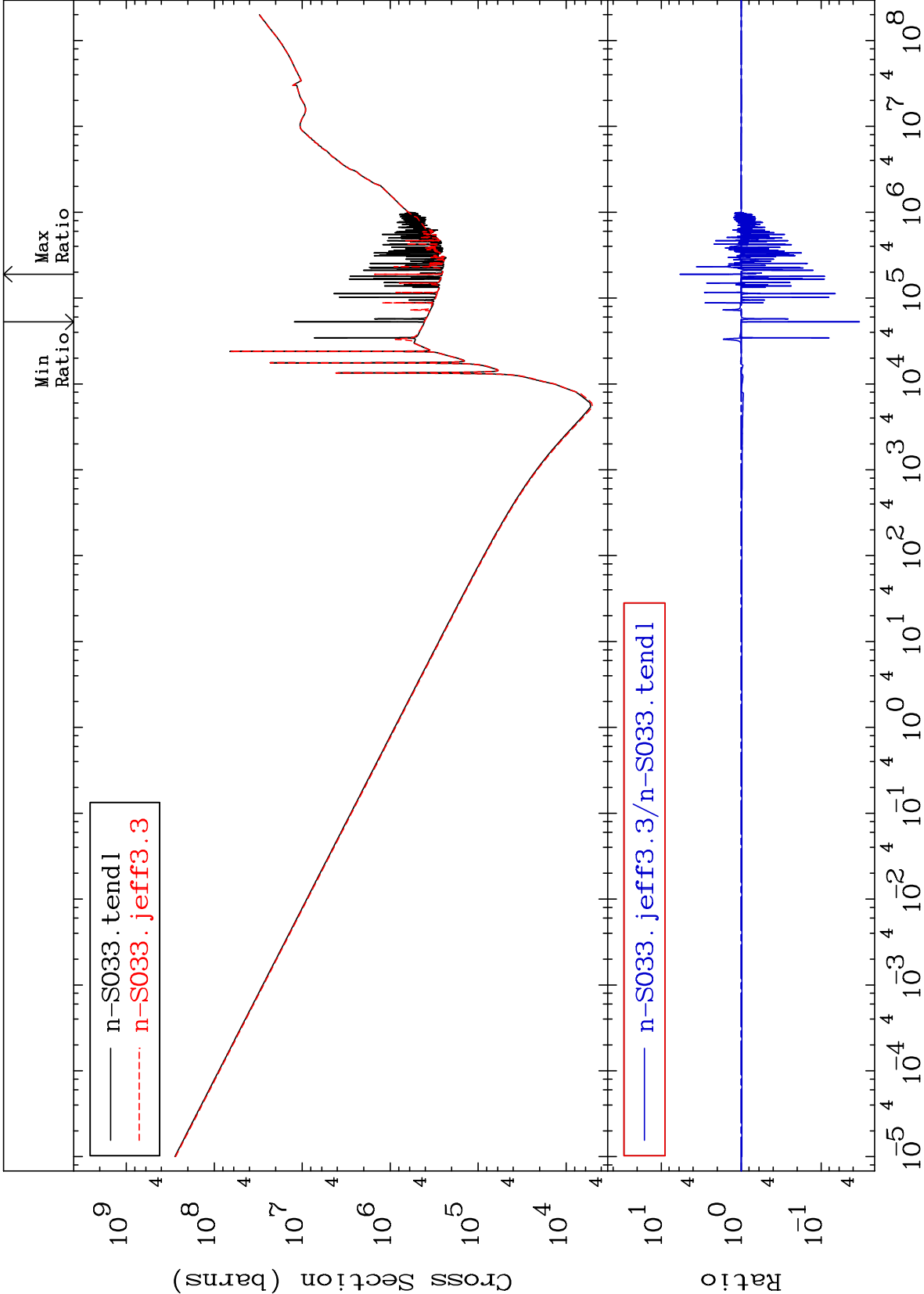
Incident Energy (eV)

16-S -33

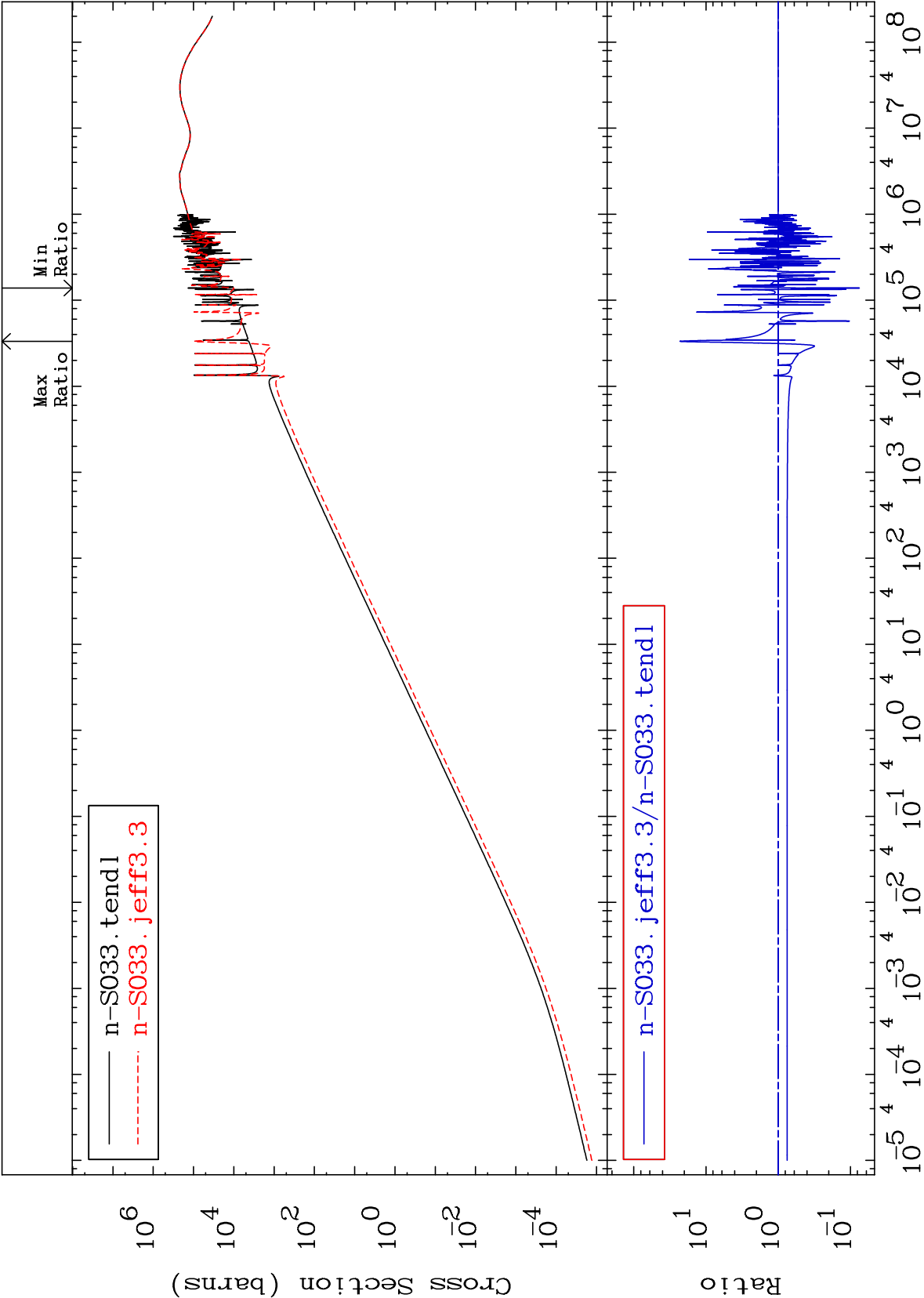


Cross Section

-96.66 To 480.6 %

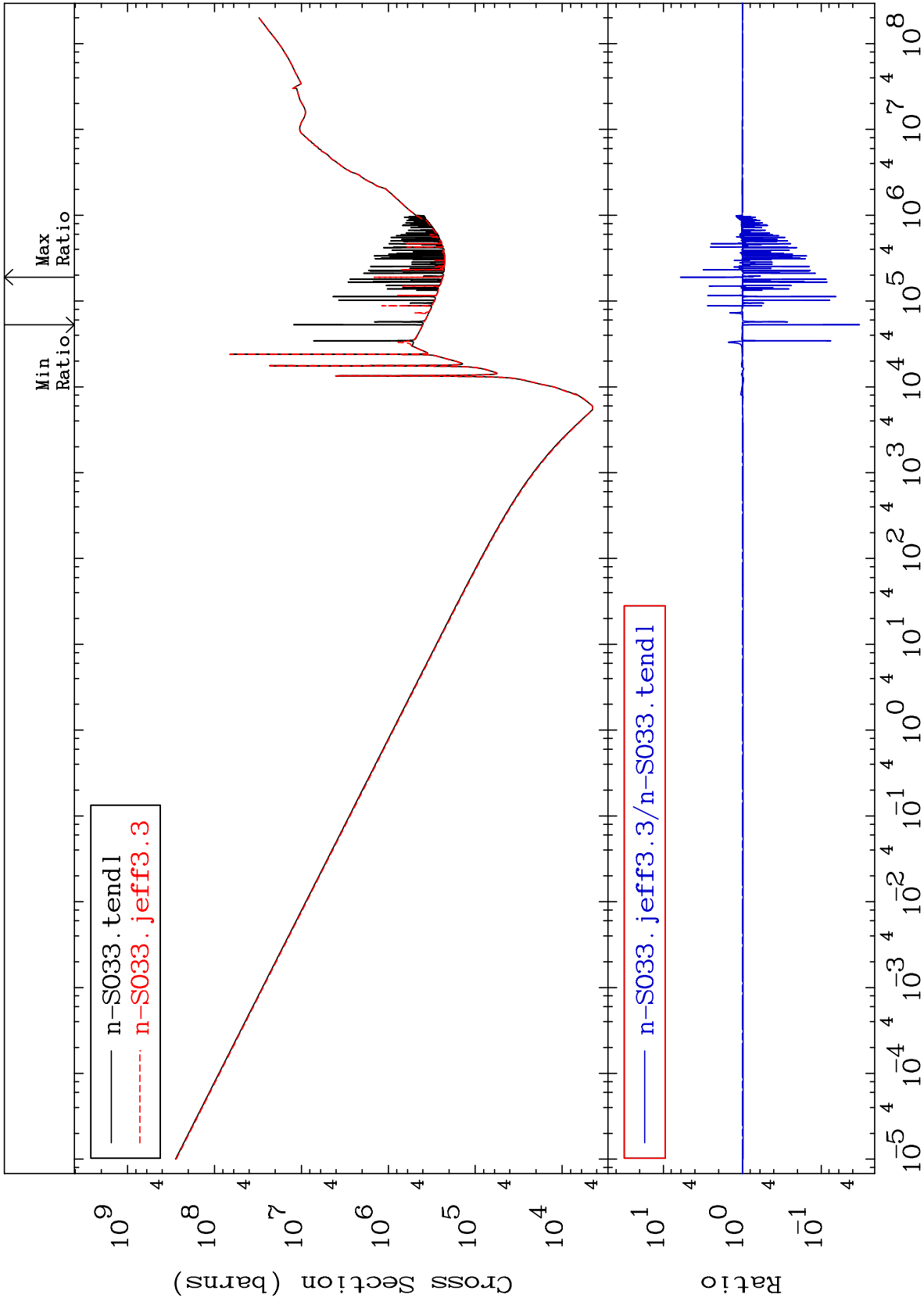


Incident Energy (eV)



Cross Section

-96.71 To 511.5 %



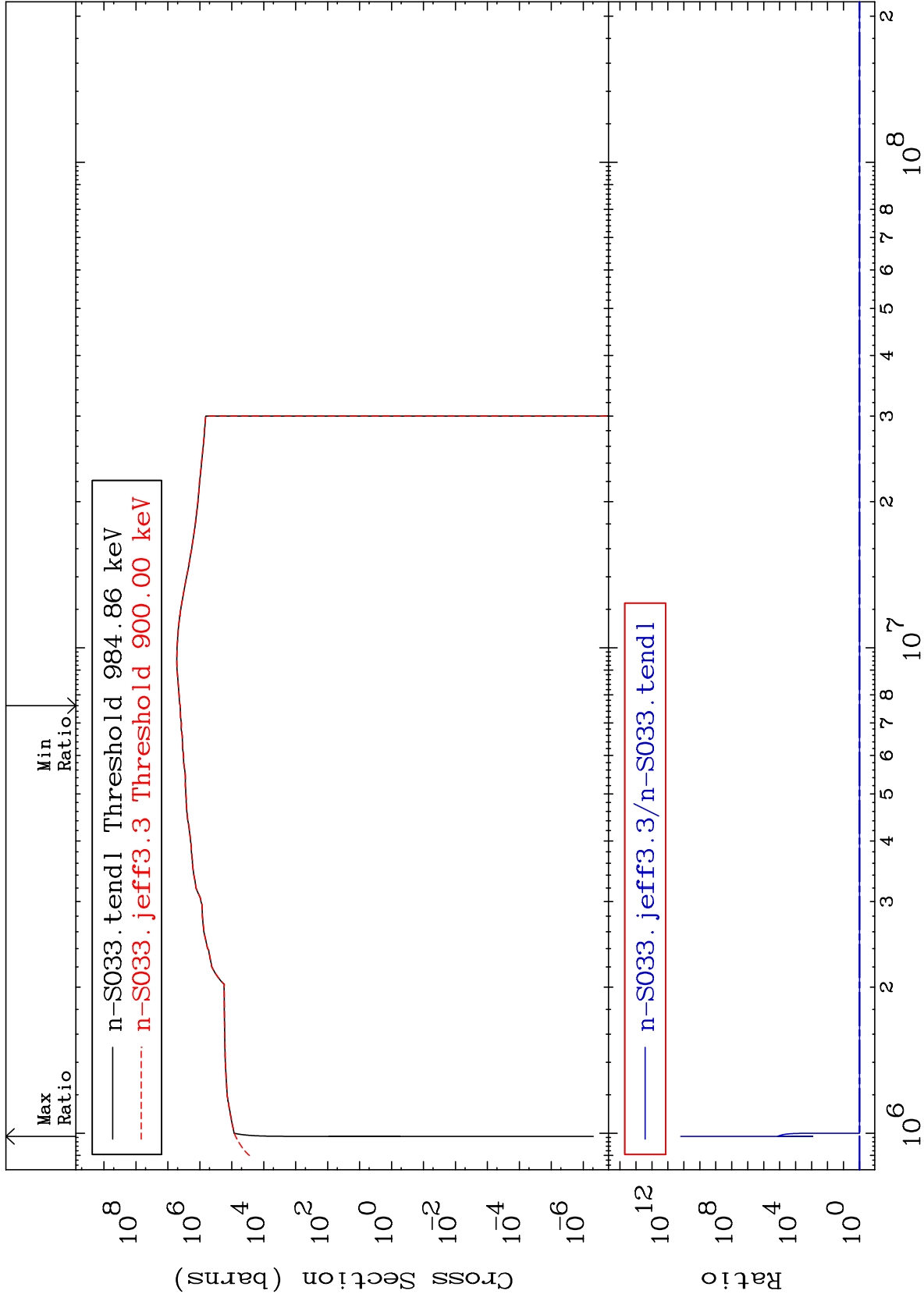
MAT 1628

Kerma inelastic (mt51-91)

16-S -33

Cross Section

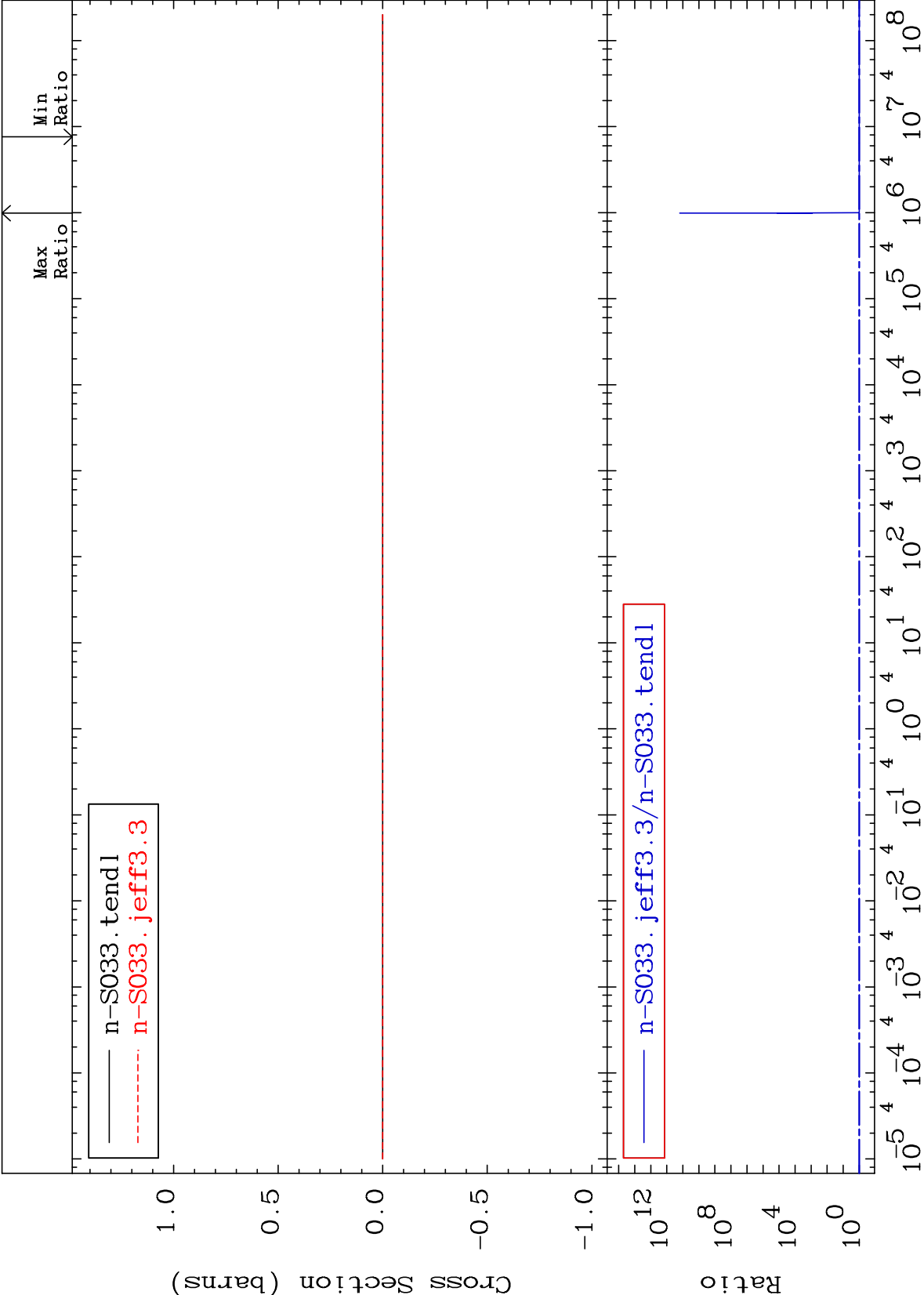
-0.597 To 9999. %



68

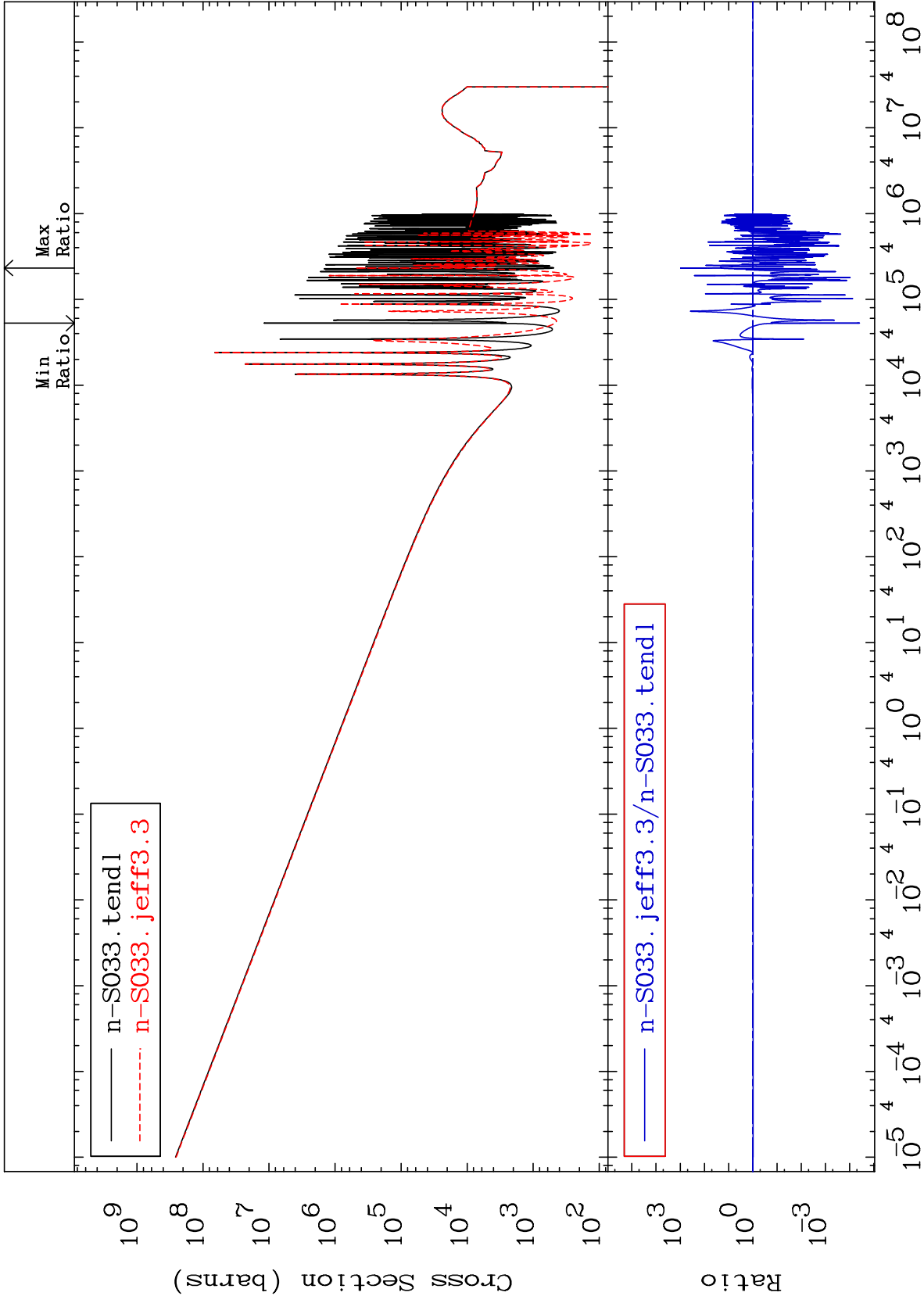
Incident Energy (eV)

16-S -33



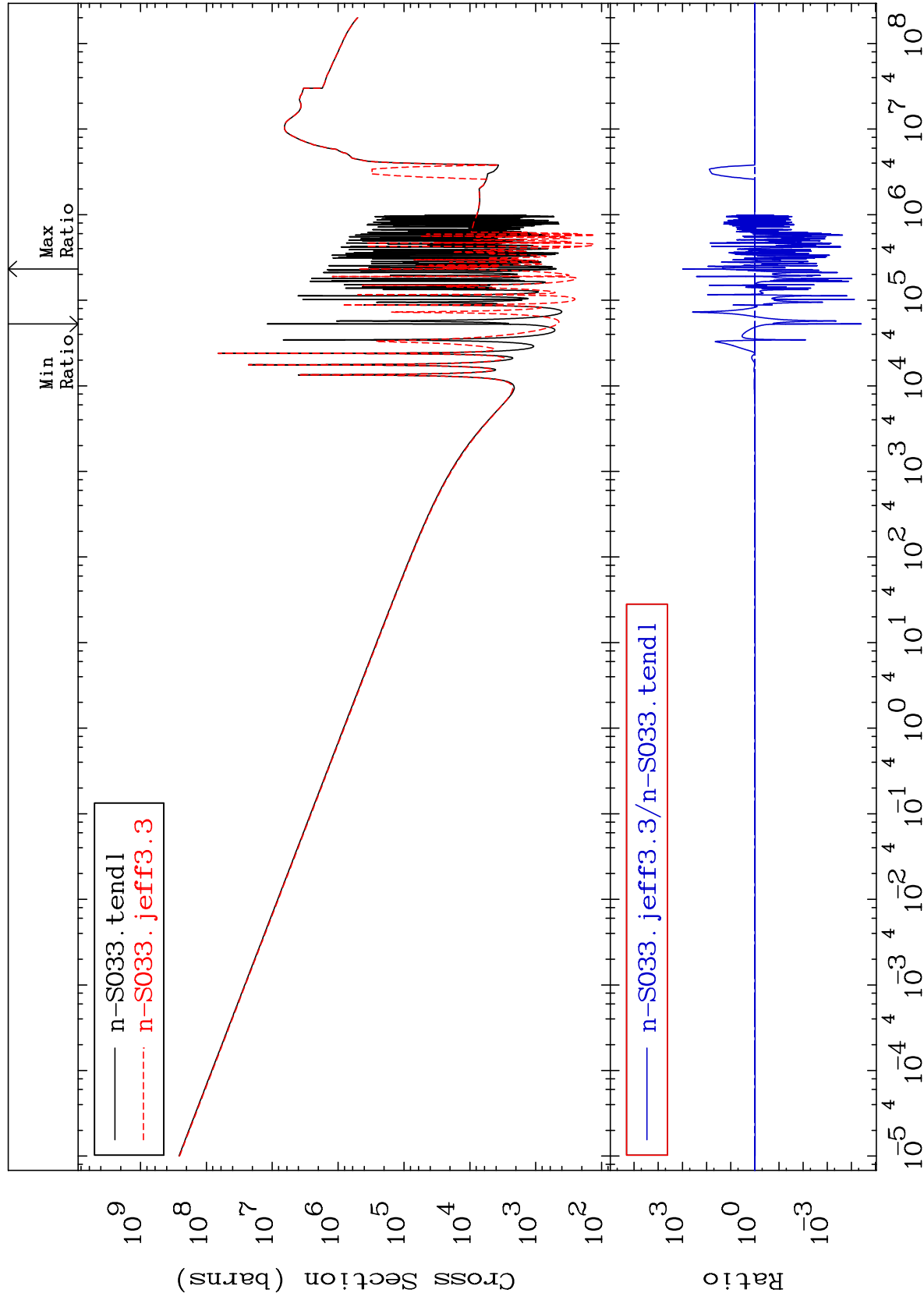
Cross Section

-100.0 To 9999. %



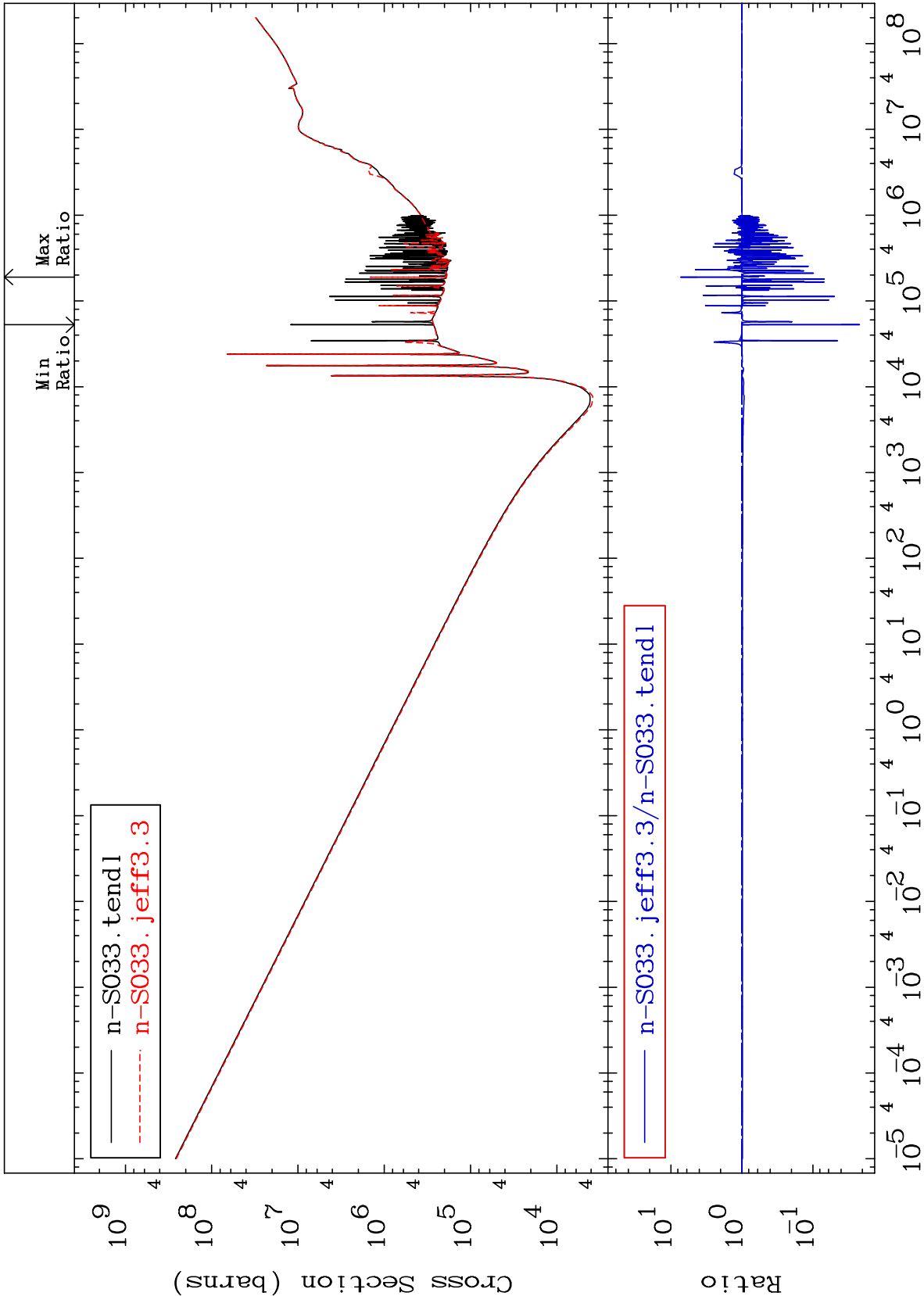
Cross Section

-100.0 To 9999. %



Cross Section

-97.79 To 637.9 %



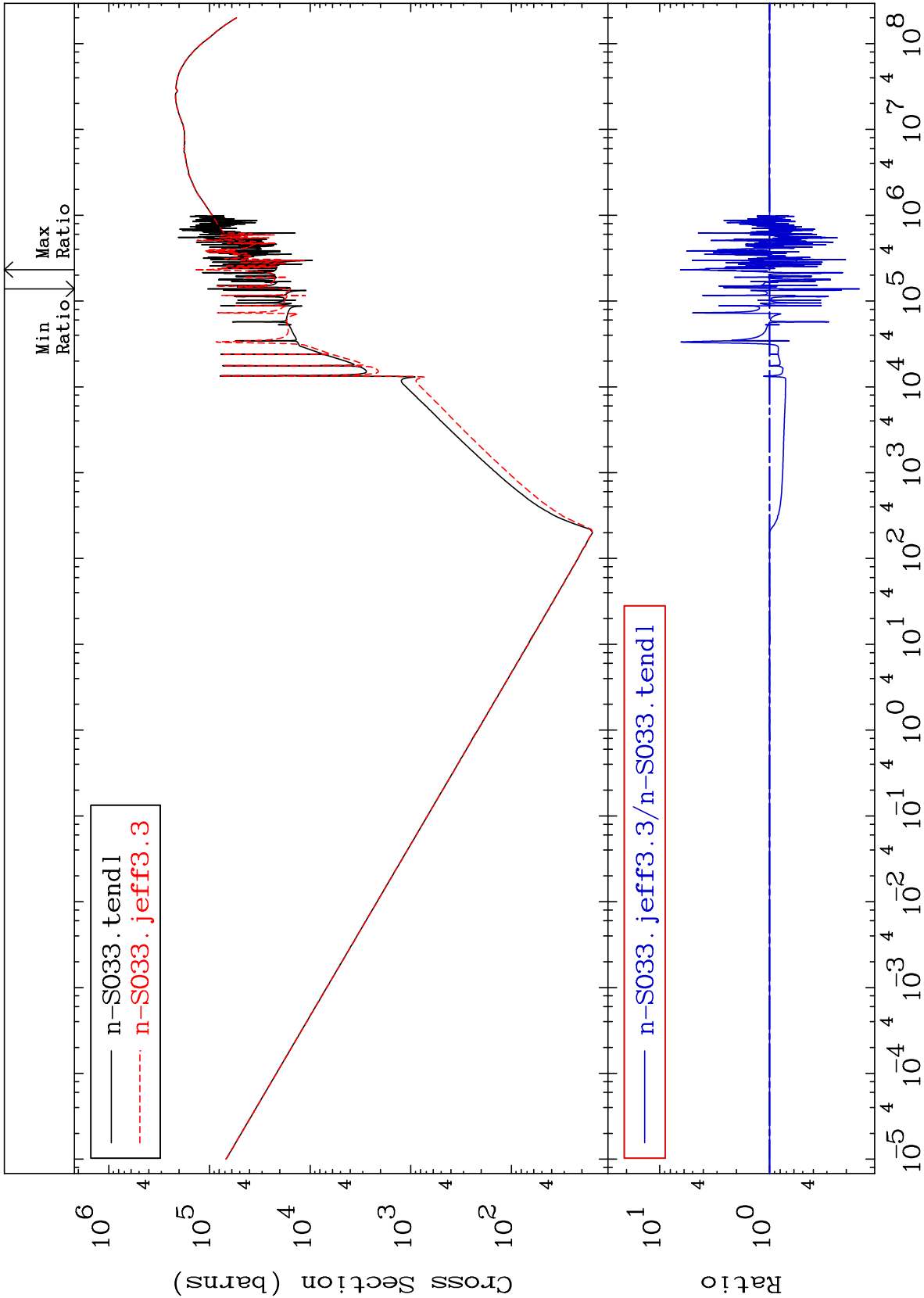
MAT 1628

Dpa total (eV-barns)

16-S -33

Cross Section

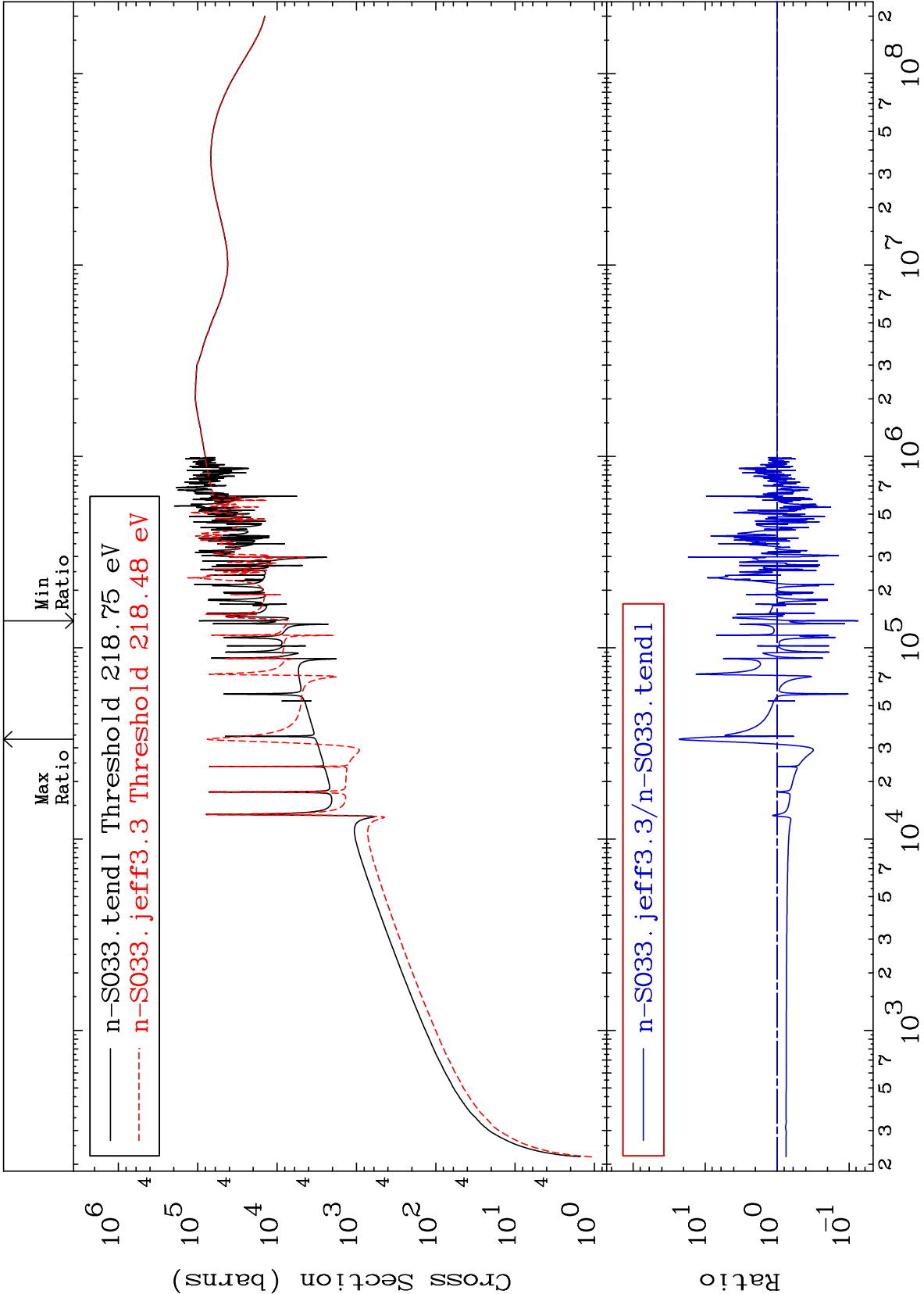
-84.79 To 547.2 %



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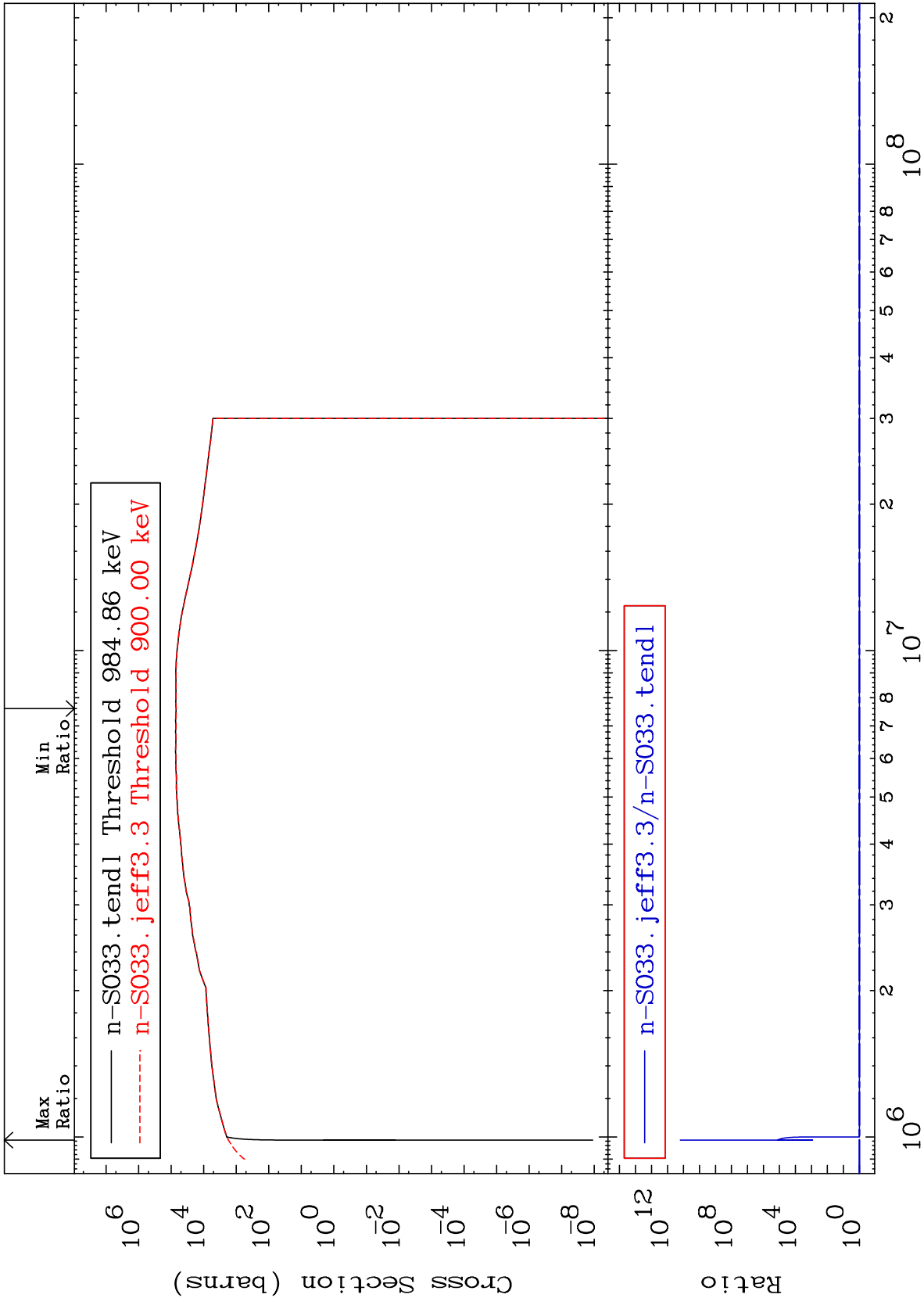
Incident Energy (eV)

16-S -33



Cross Section

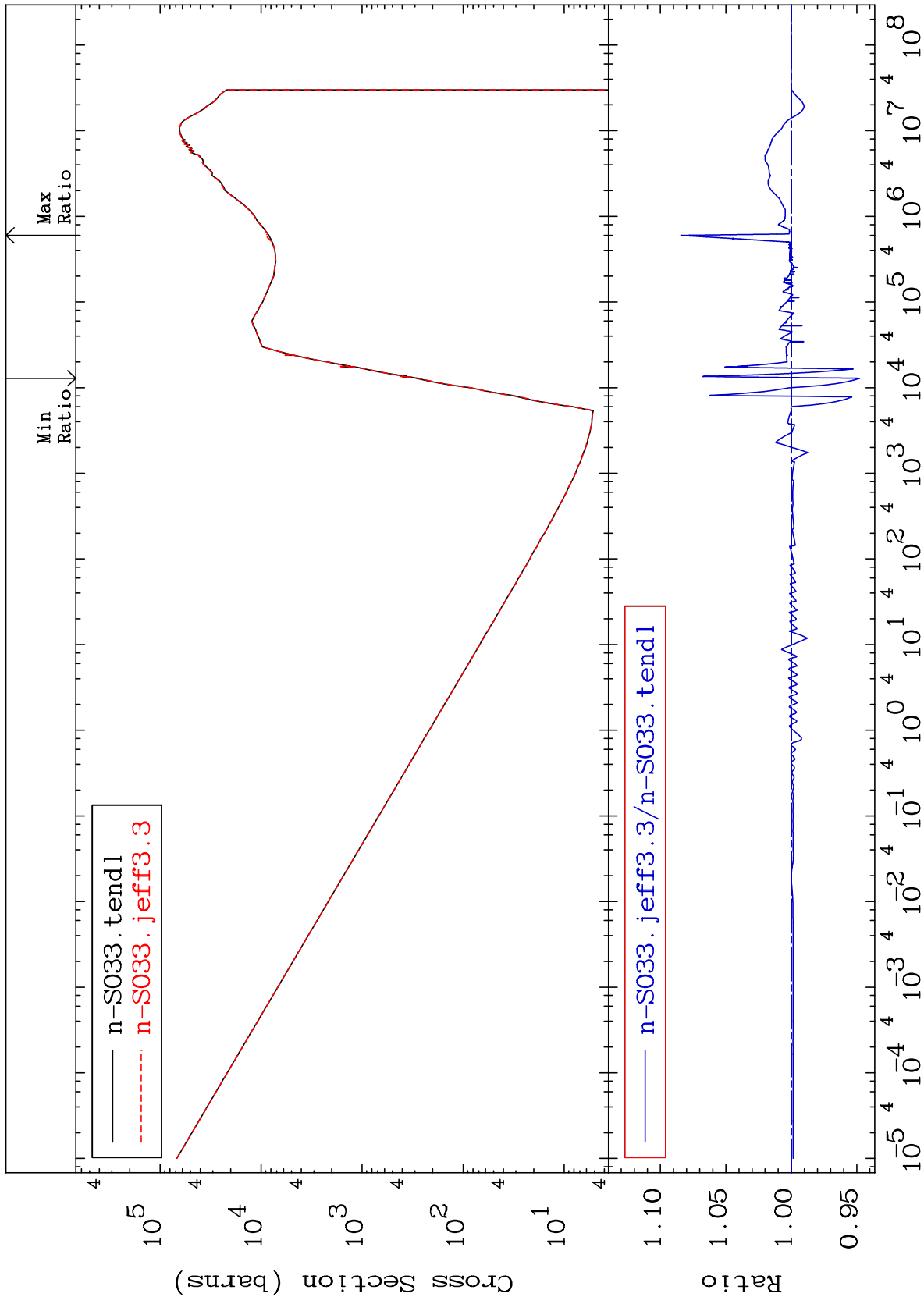
-0.678 To 9999. %



MAT 1628

Dpa disappearance (mt102 -120)
Cross Section

16-S -33
-5.215 To 8.445 %



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Incident Energy (eV)

16-S -33