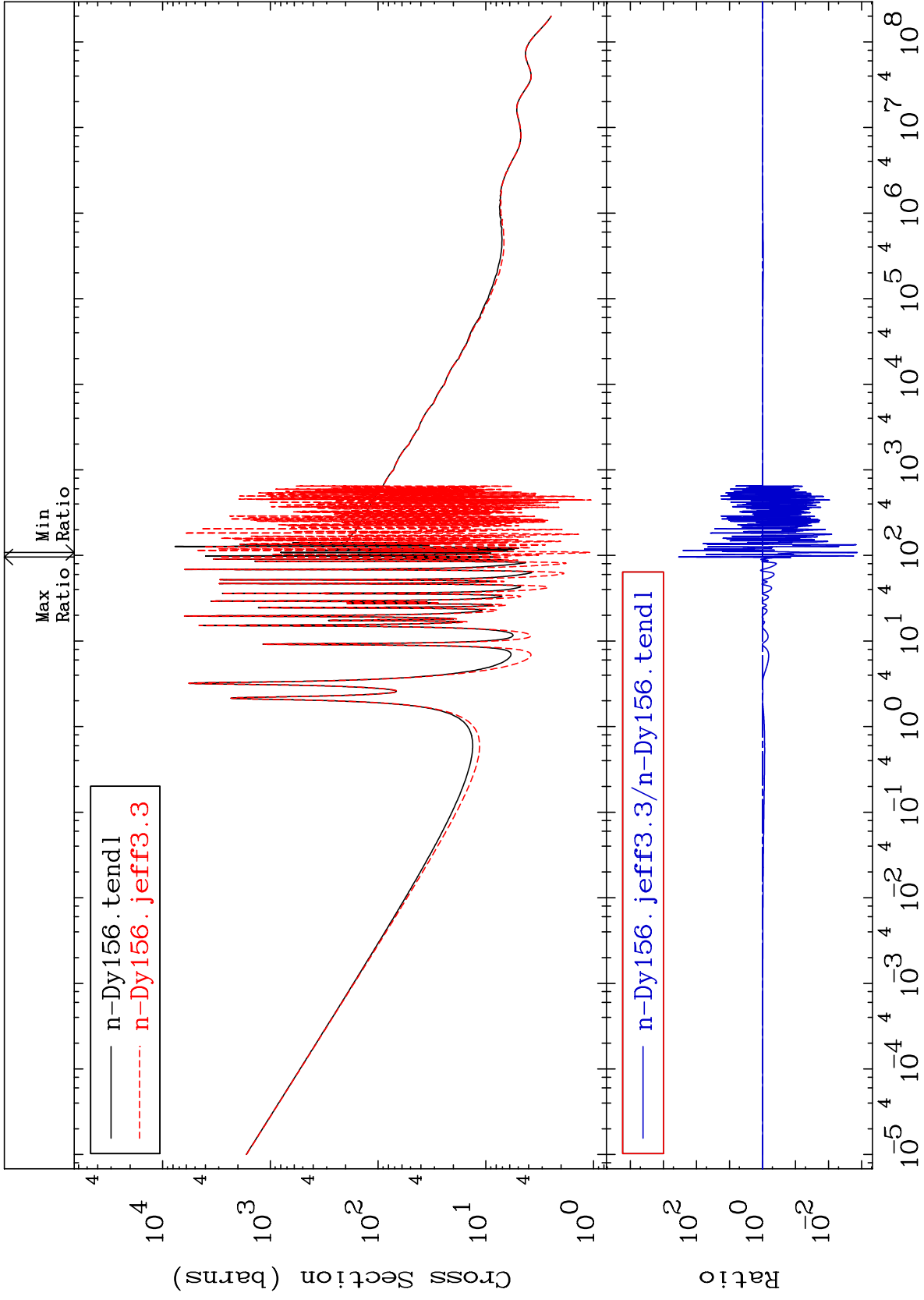


MAT 6625

Total Cross Section
66-Dy-156
-99.86 To 9999. %

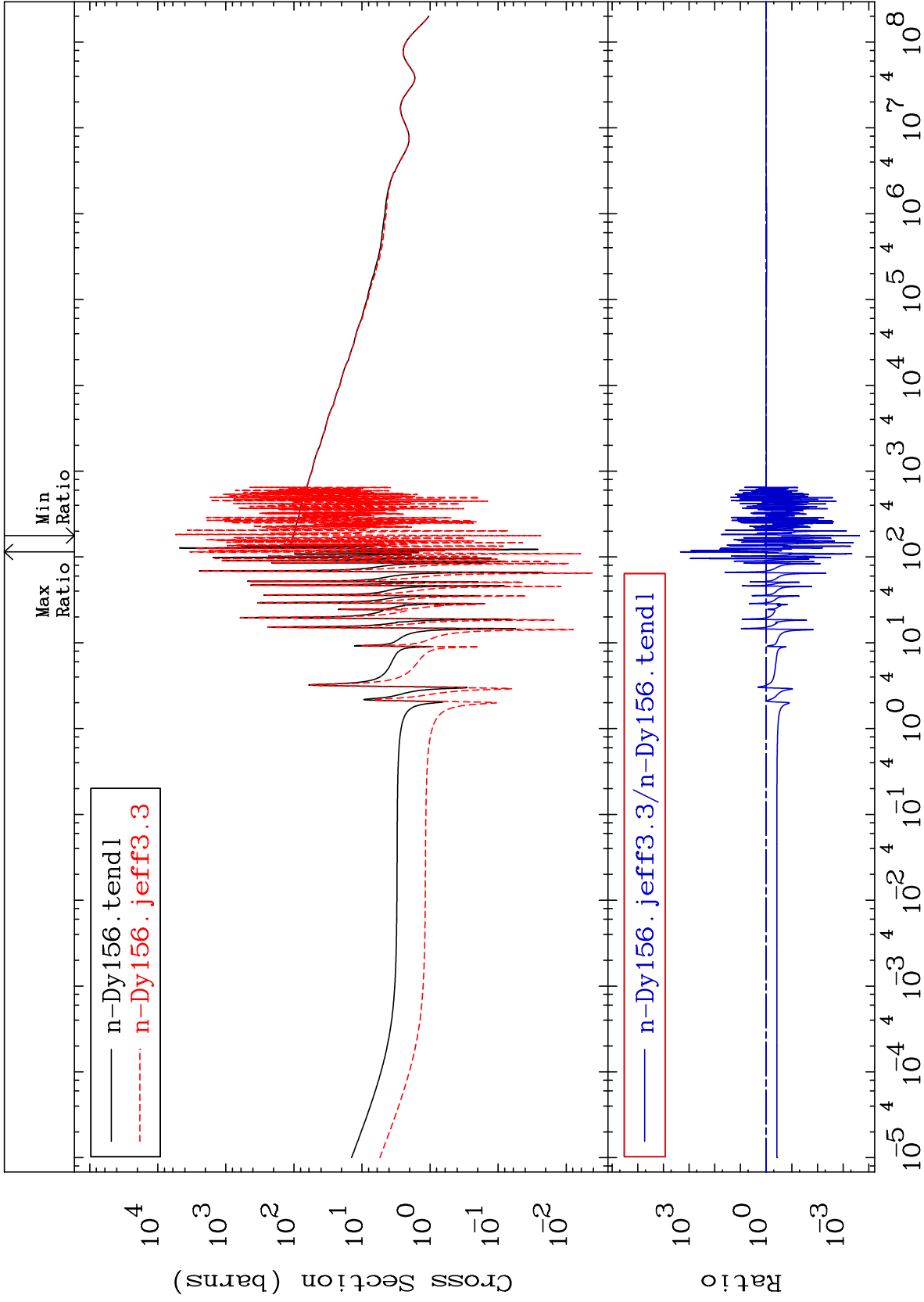


Incident Energy (eV)

66-Dy-156

MAT 6625

Elastic Cross Section
66-Dy-156
-99.98 To 9999. %

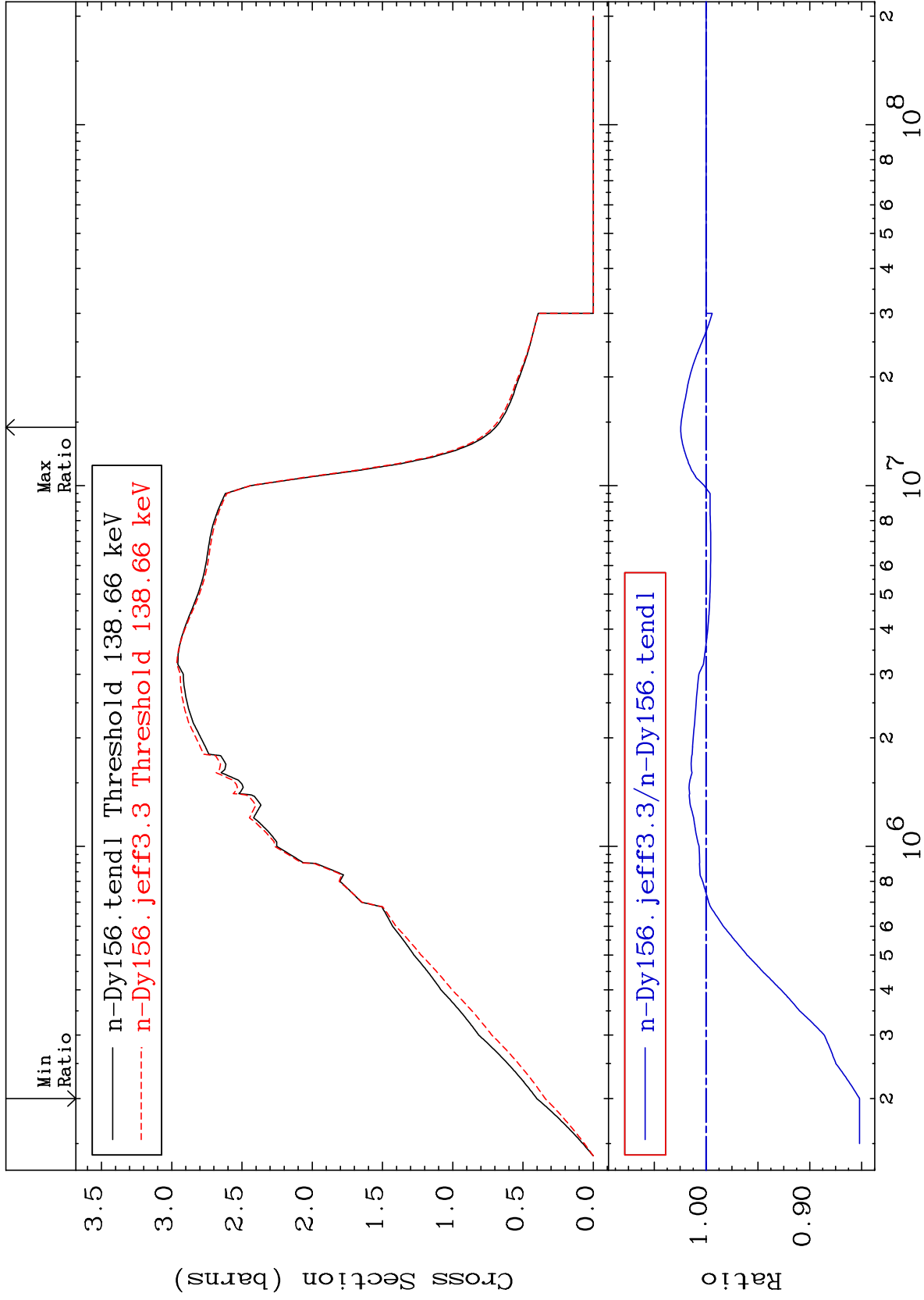


Incident Energy (eV)

66-Dy-156

2

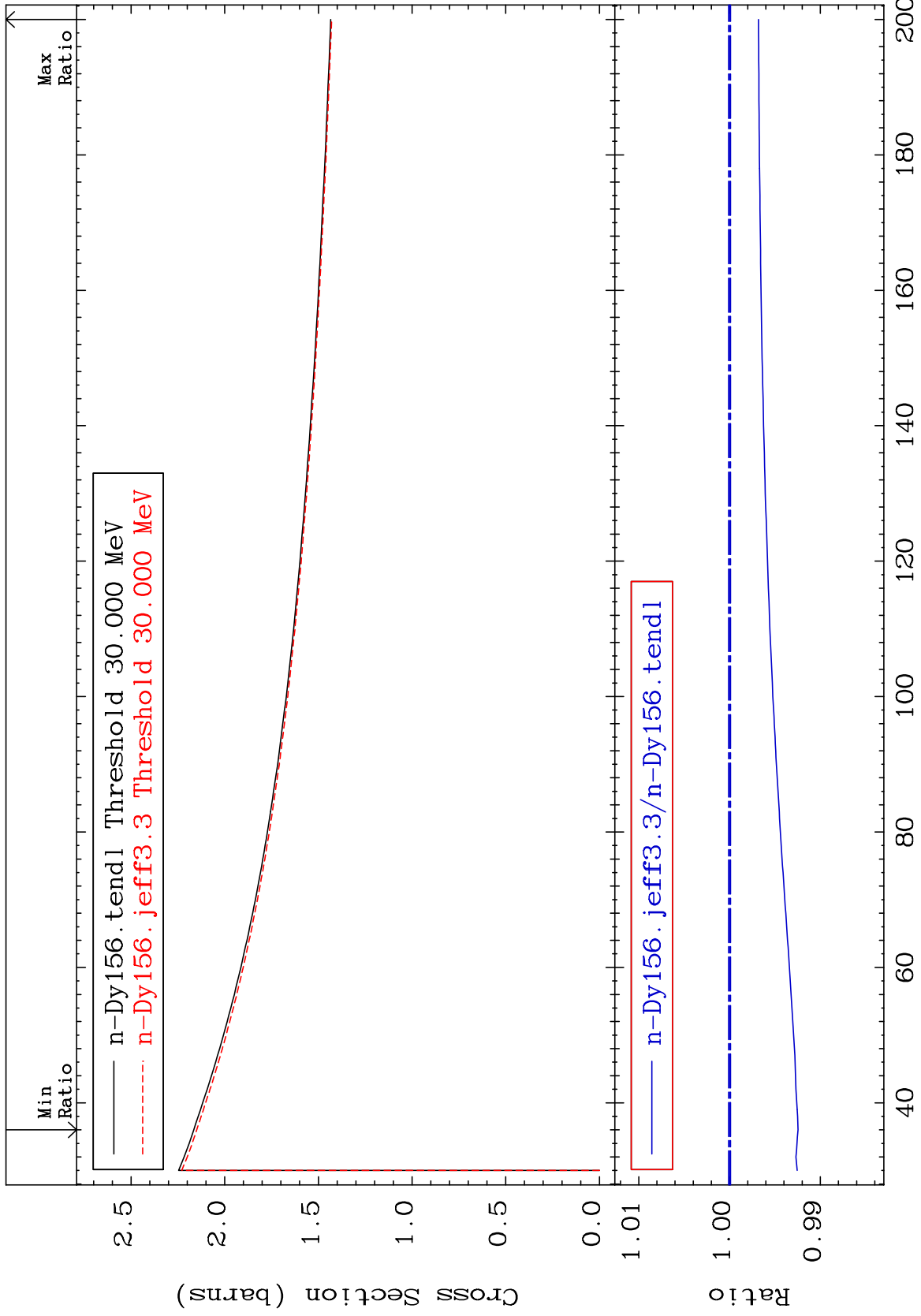
MAT 6625 Inelastic Cross Section 66-Dy-156 -14.81 To 2.445 %



MAT 6625

(n, remainder)
Cross Section

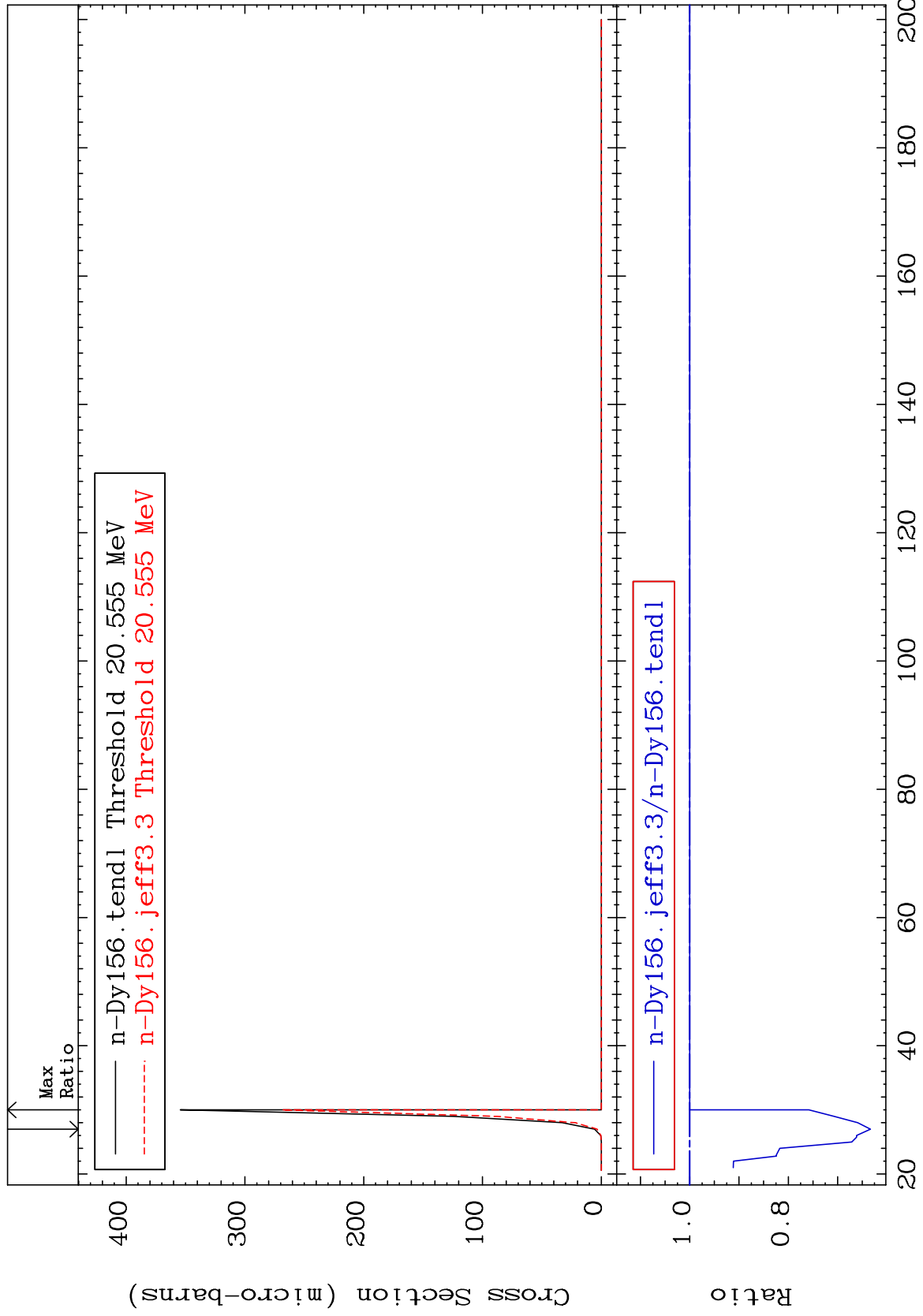
66-Dy-156
-0.753 To -0.318%



MAT 6625

(n,2n) d
Cross Section

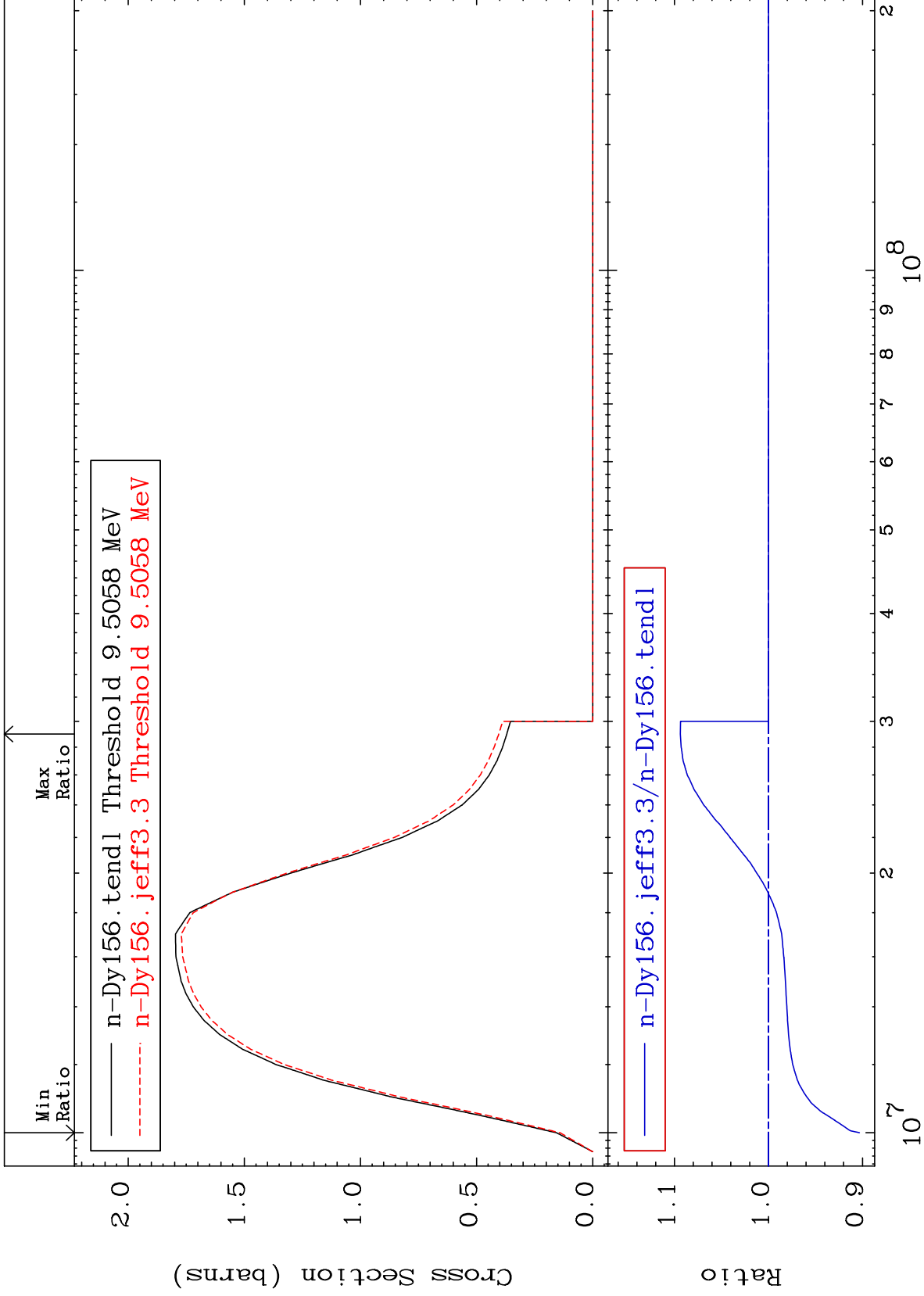
66-Dy-156
-36.68 To 0.000 %



MAT 6625

(n,2n)
Cross Section

66-Dy-156
-9.677 To 9.375 %

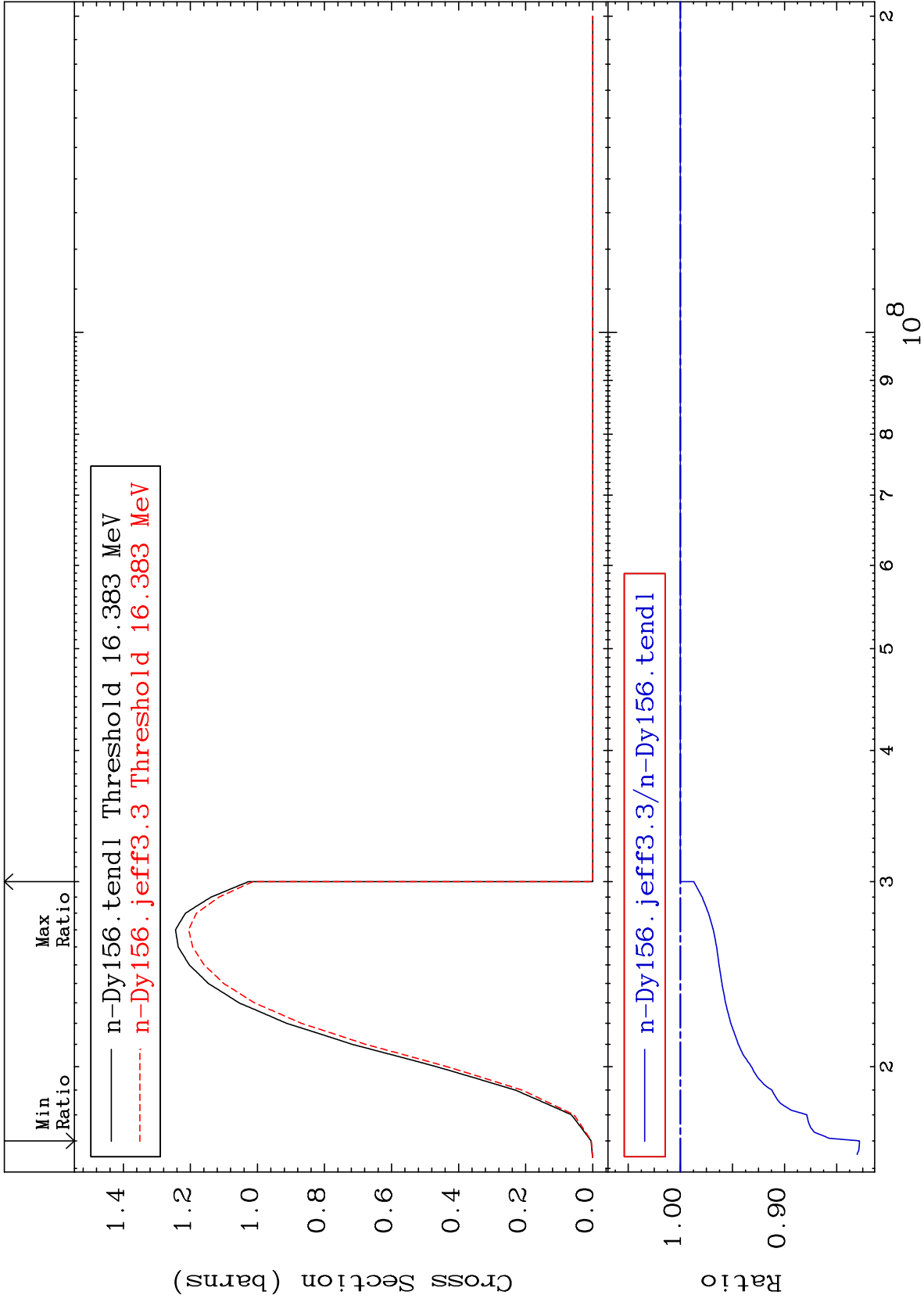


66-Dy-156

66-Dy-156

Cross Section

-17.19 To 0.000 %



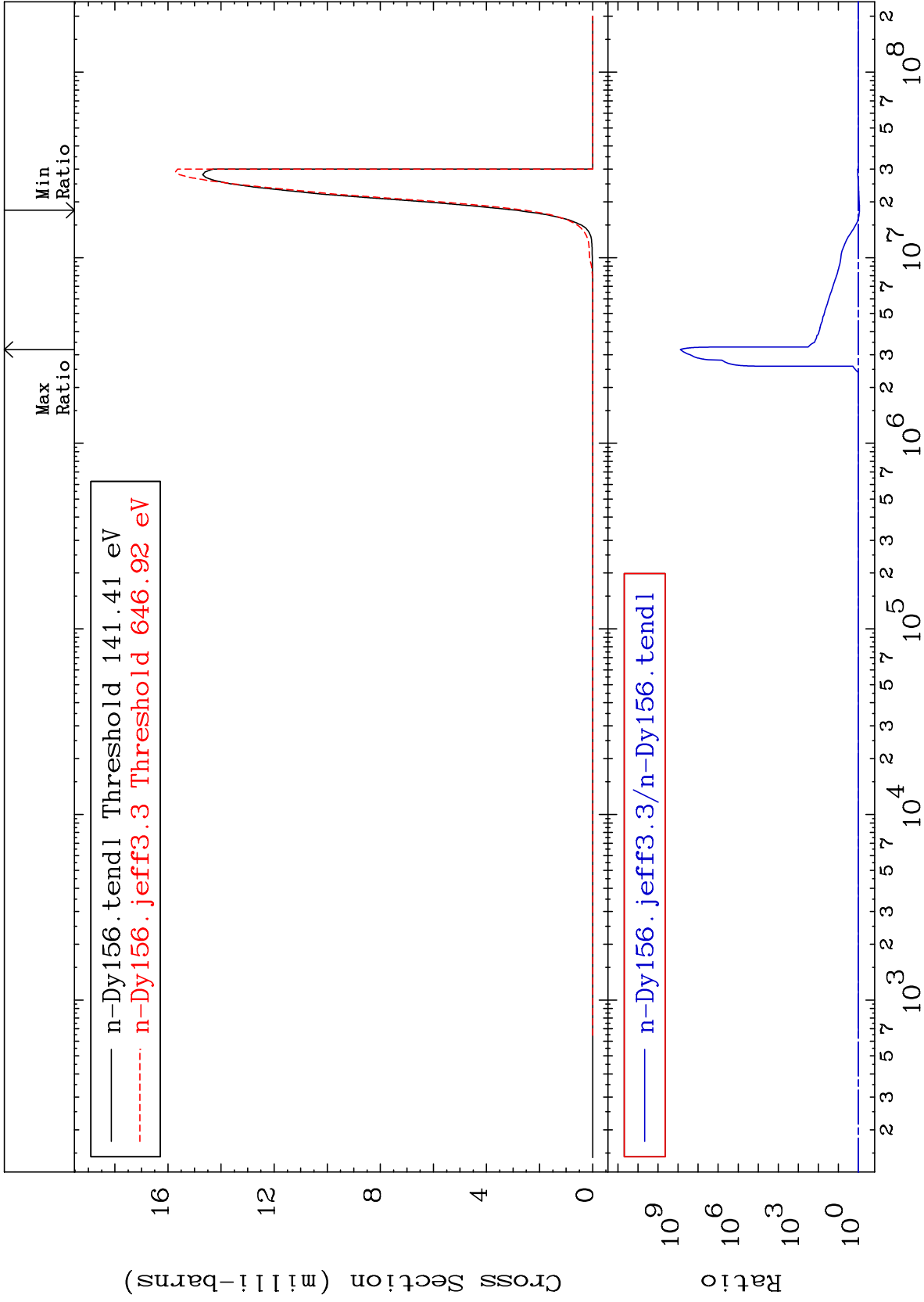
MAT 6625

(n, n') α

Cross Section

66-Dy-156

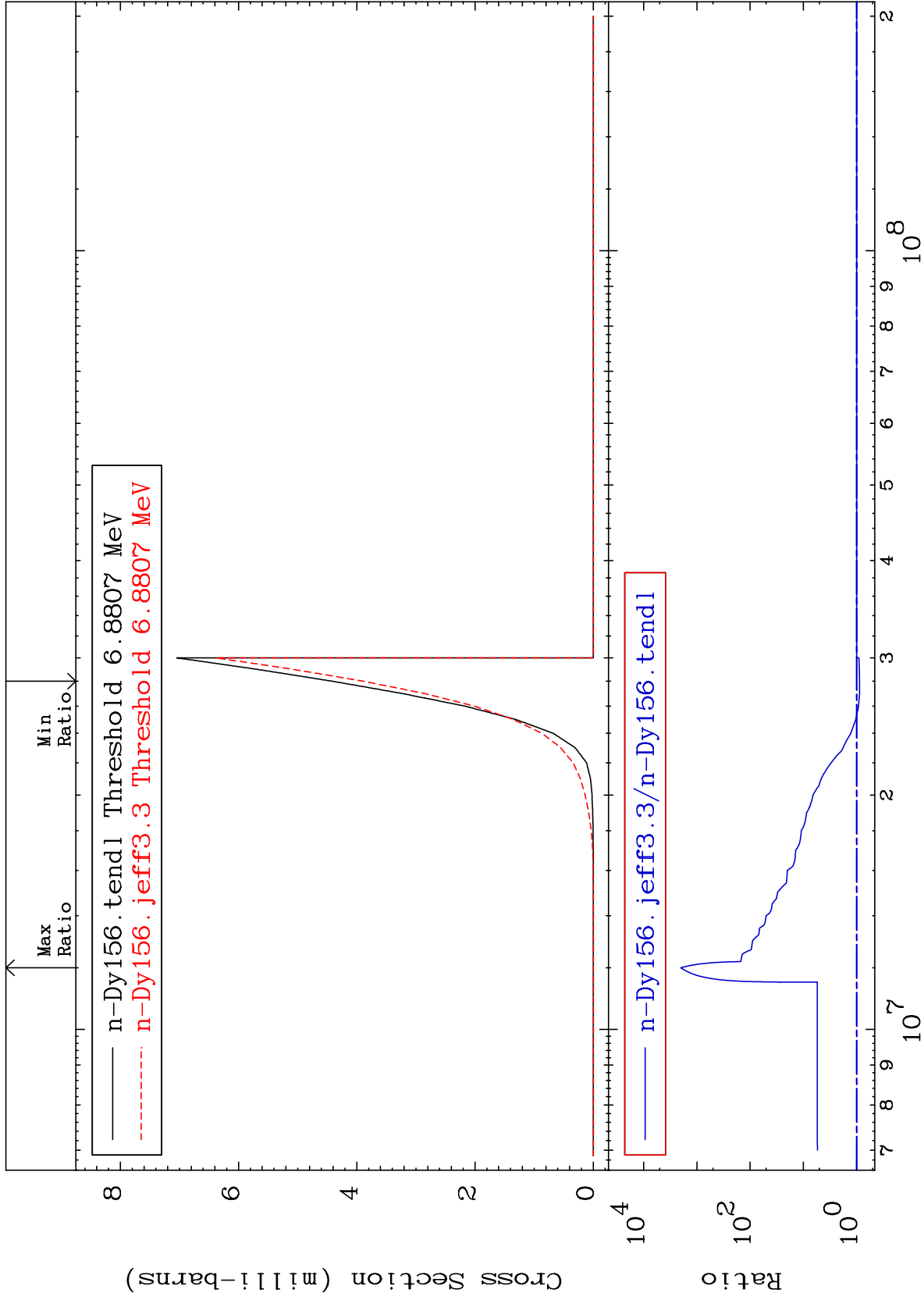
-11.60 To 9999. %



MAT 6625

(n,2n) α
Cross Section

66-Dy-156
-11.88 To 9999. %



9

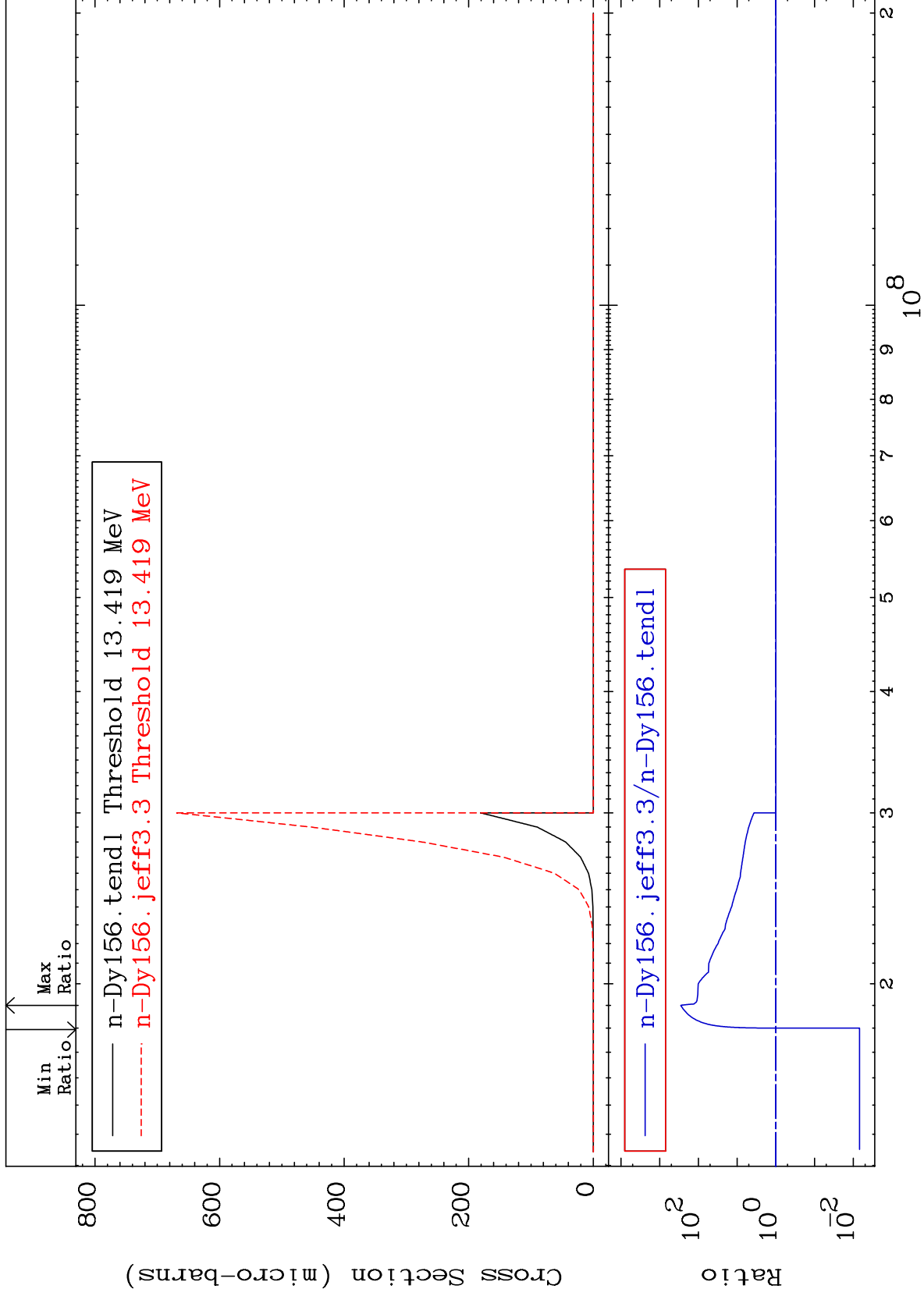
66-Dy-156

66-Dy-156

MAT 6625

(n,3n) α
Cross Section

66-Dy-156
-99.31 To 9999. %



10

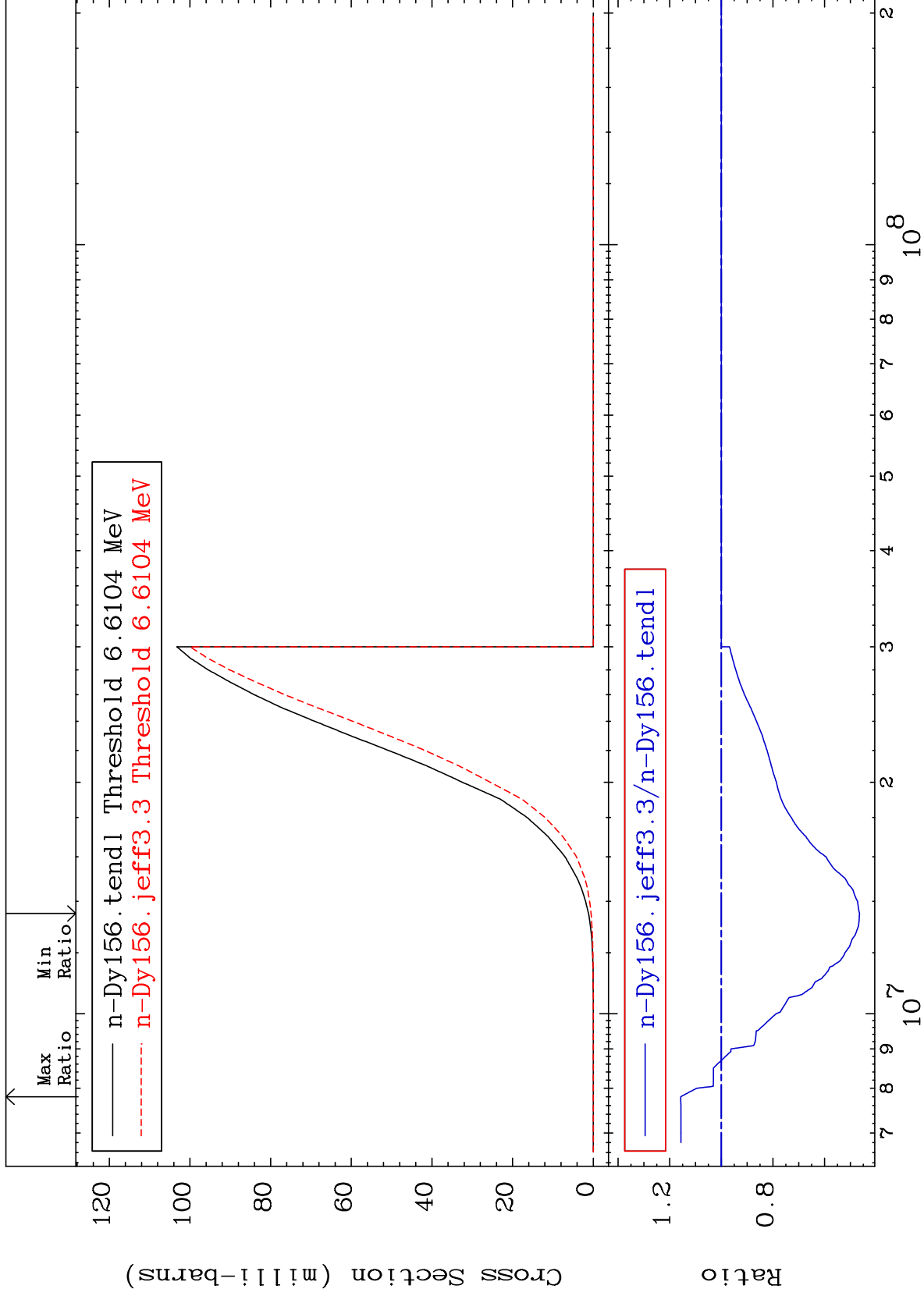
Incident Energy (eV)

66-Dy-156

MAT 6625

(n,n') p
Cross Section

66-Dy-156
-53.55 To 15.70 %



11

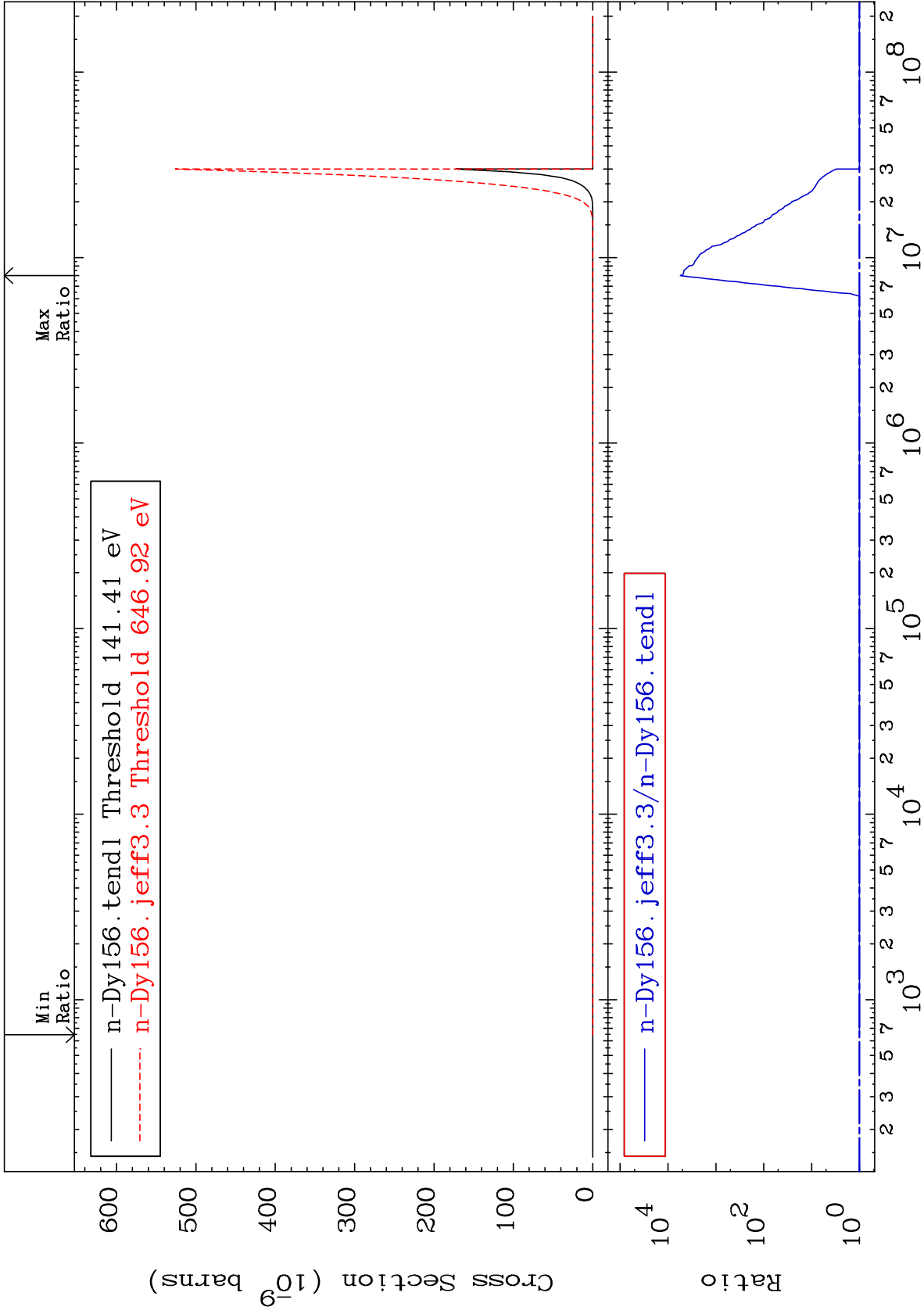
66-Dy-156

66-Dy-156

MAT 6625

(n, n') 2α
Cross Section

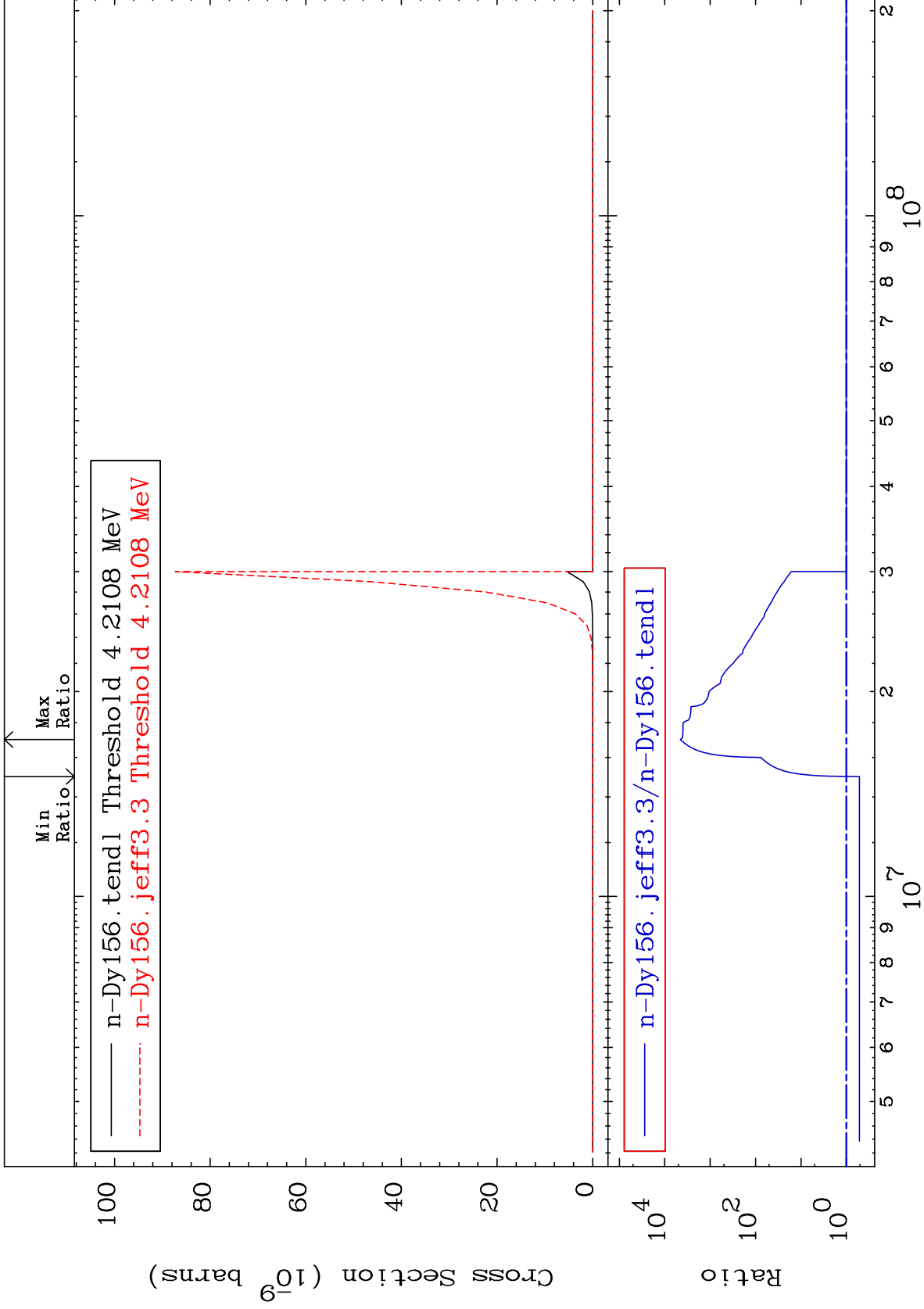
66-Dy-156
To 9999. %



MAT 6625

(n,2n) 2α
Cross Section

66-Dy-156
-48.51 To 9999. %



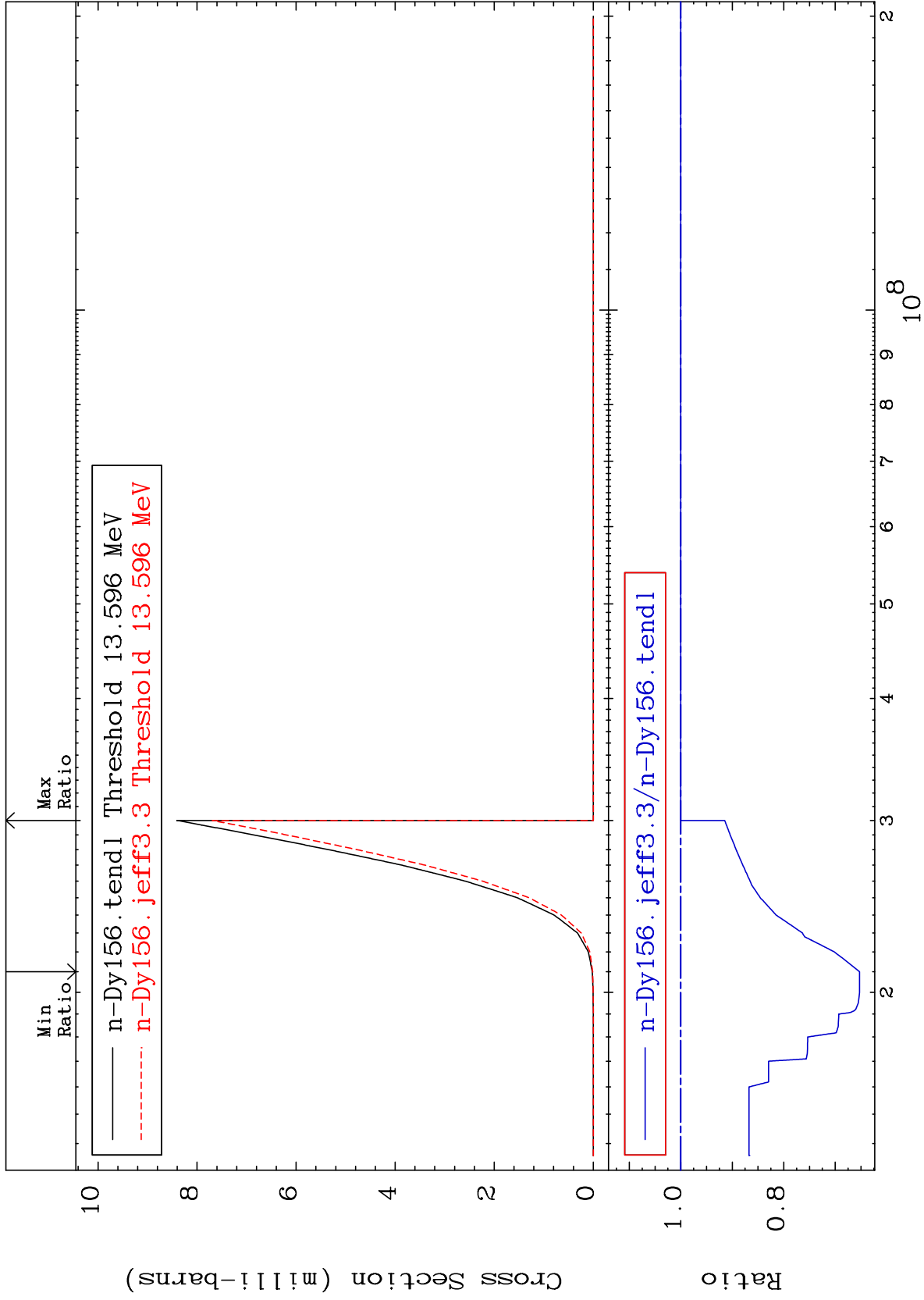
MAT 6625

(n, n') d

66-Dy-156

Cross Section

-34.72 To 0.000 %



14

Incident Energy (eV)

66-Dy-156

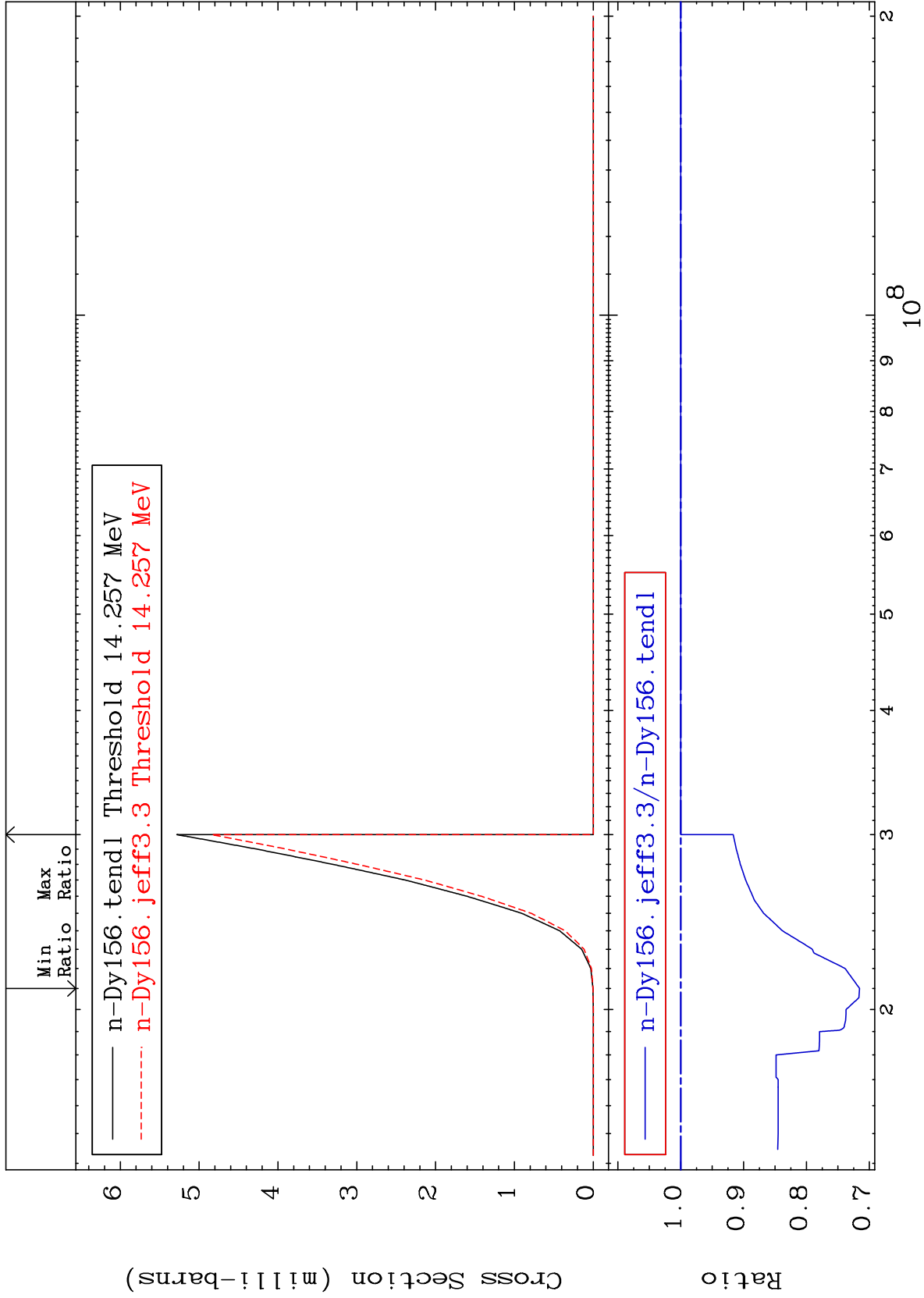
MAT 6625

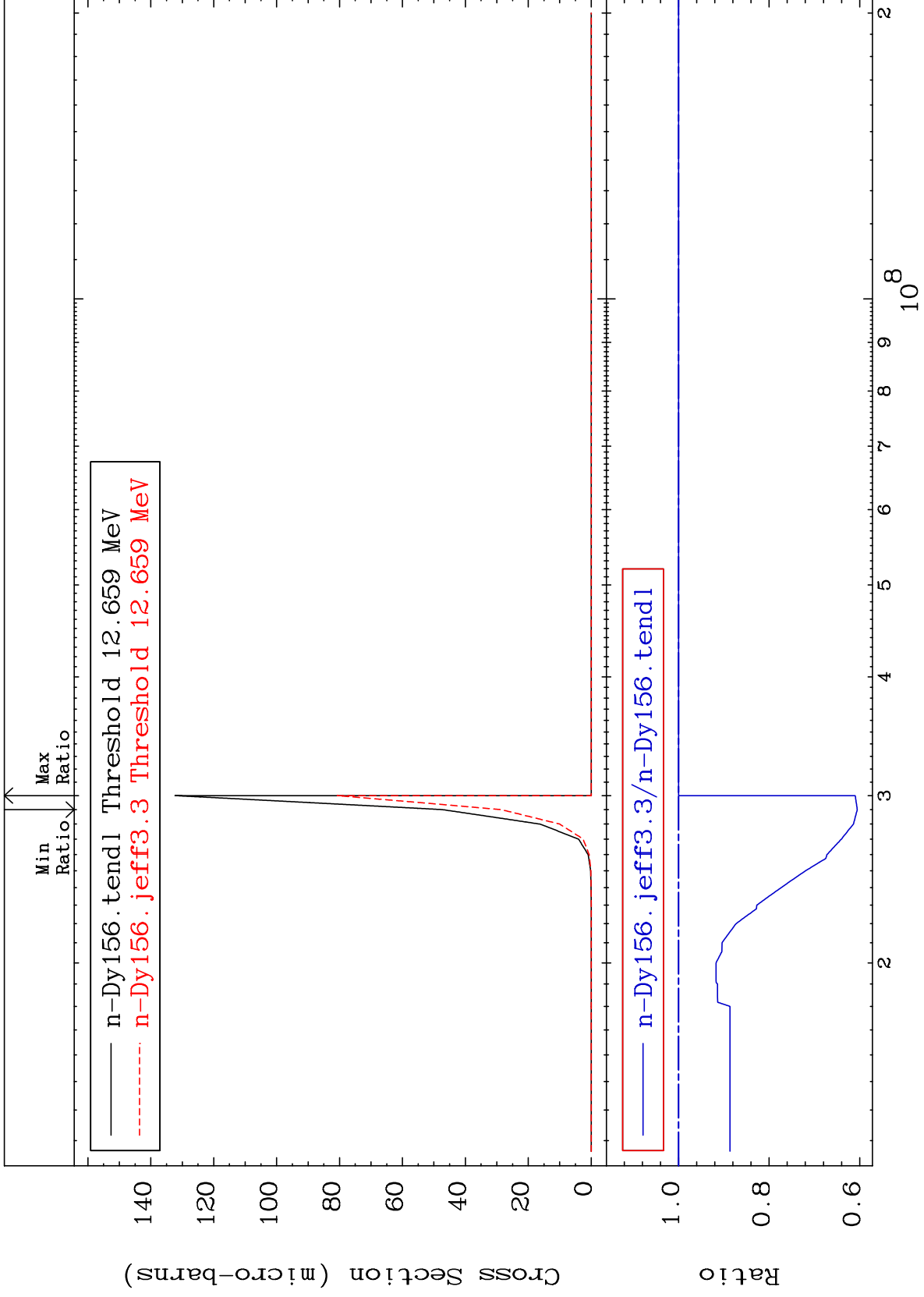
(n,n') t

66-Dy-156

Cross Section

-28.43 To 0.000 %

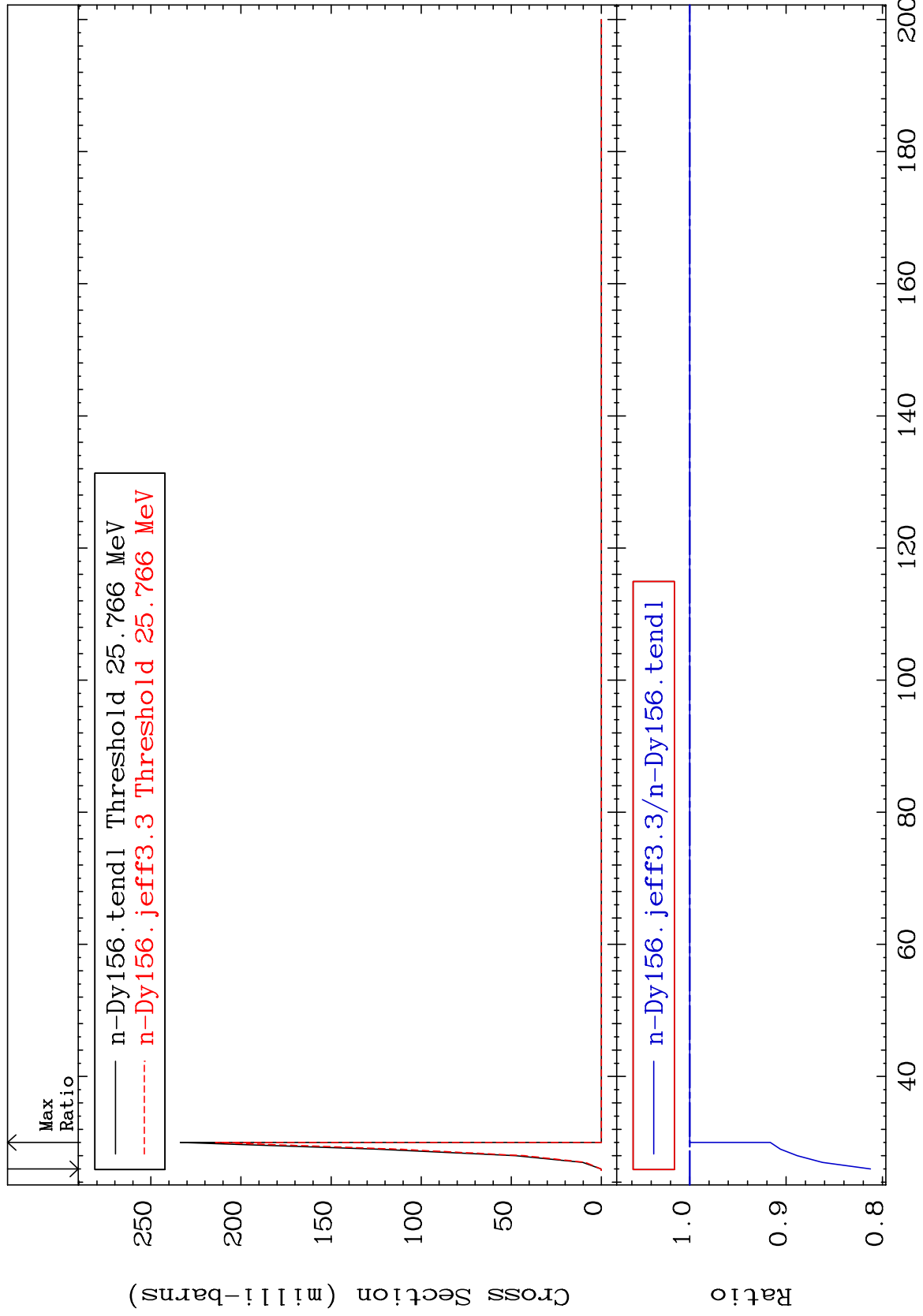




MAT 6625

(n,4n)
Cross Section

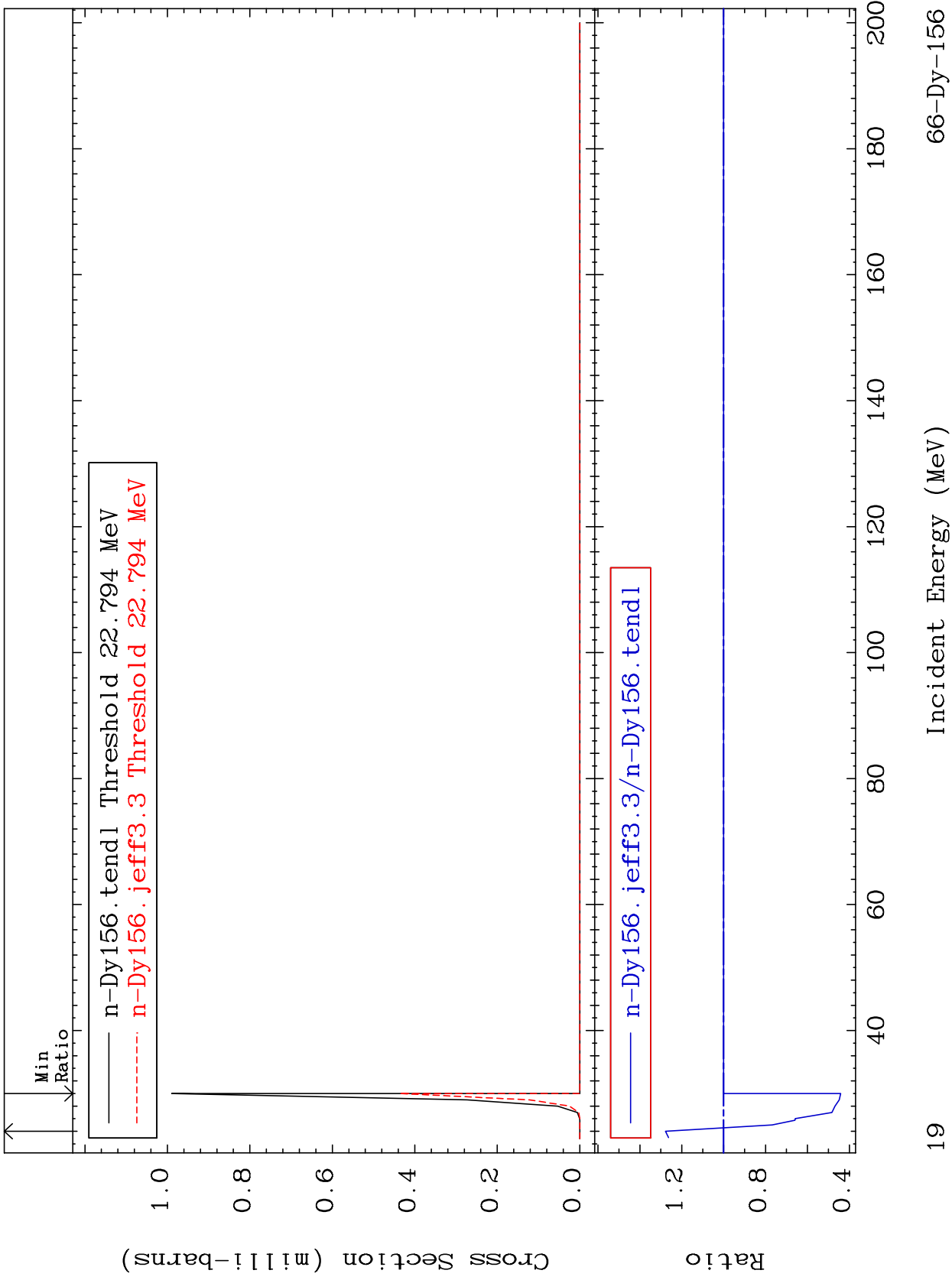
66-Dy-156
-18.75 To 0.000 %



MAT 6625

(n,3n) p
Cross Section

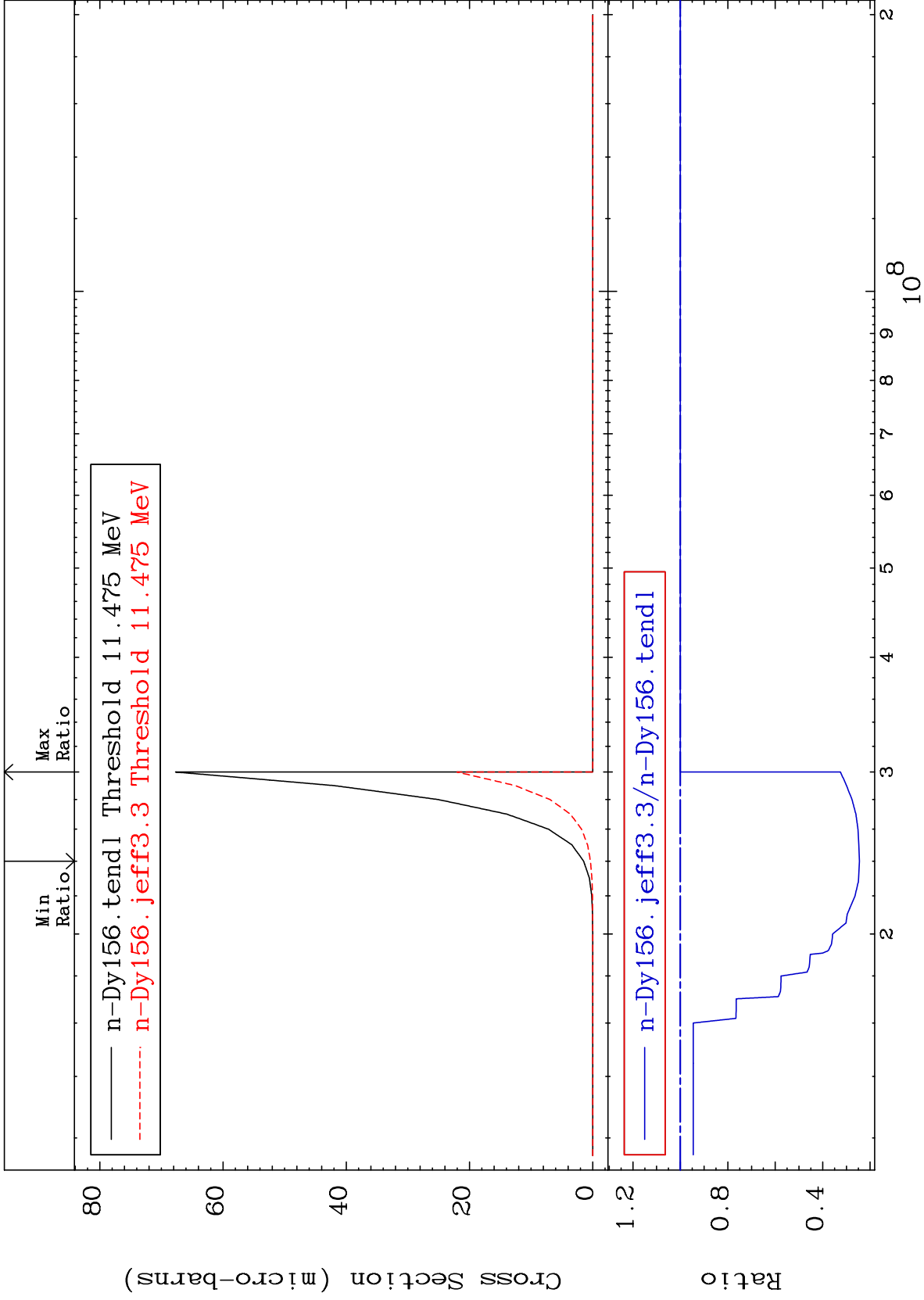
66-Dy-156
-55.86 To 27.76 %



MAT 6625

(n,2n) p
Cross Section

66-Dy-156
-75.48 To 0.000 %



20

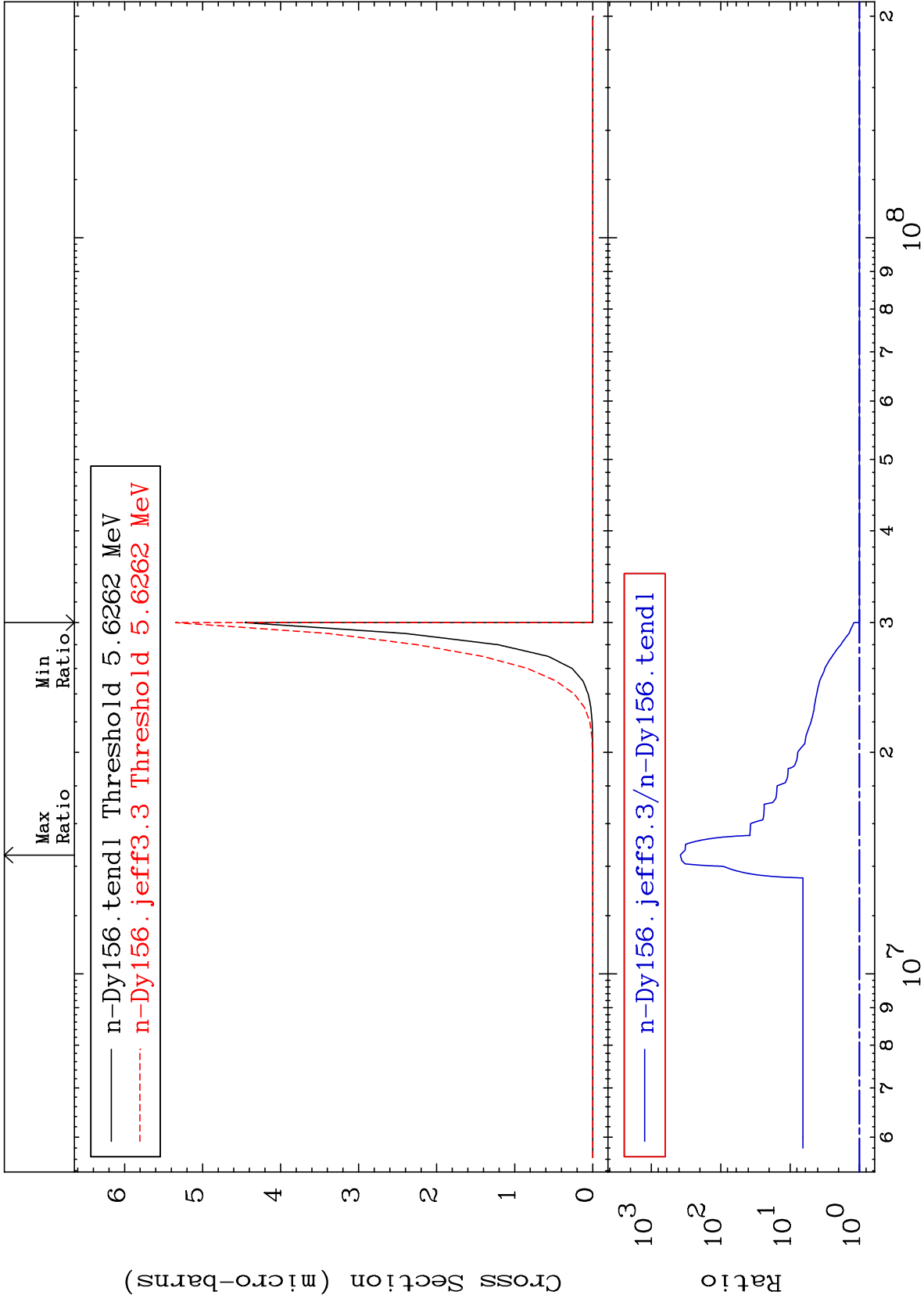
66-Dy-156

66-Dy-156

MAT 6625

(n,n') p α
Cross Section

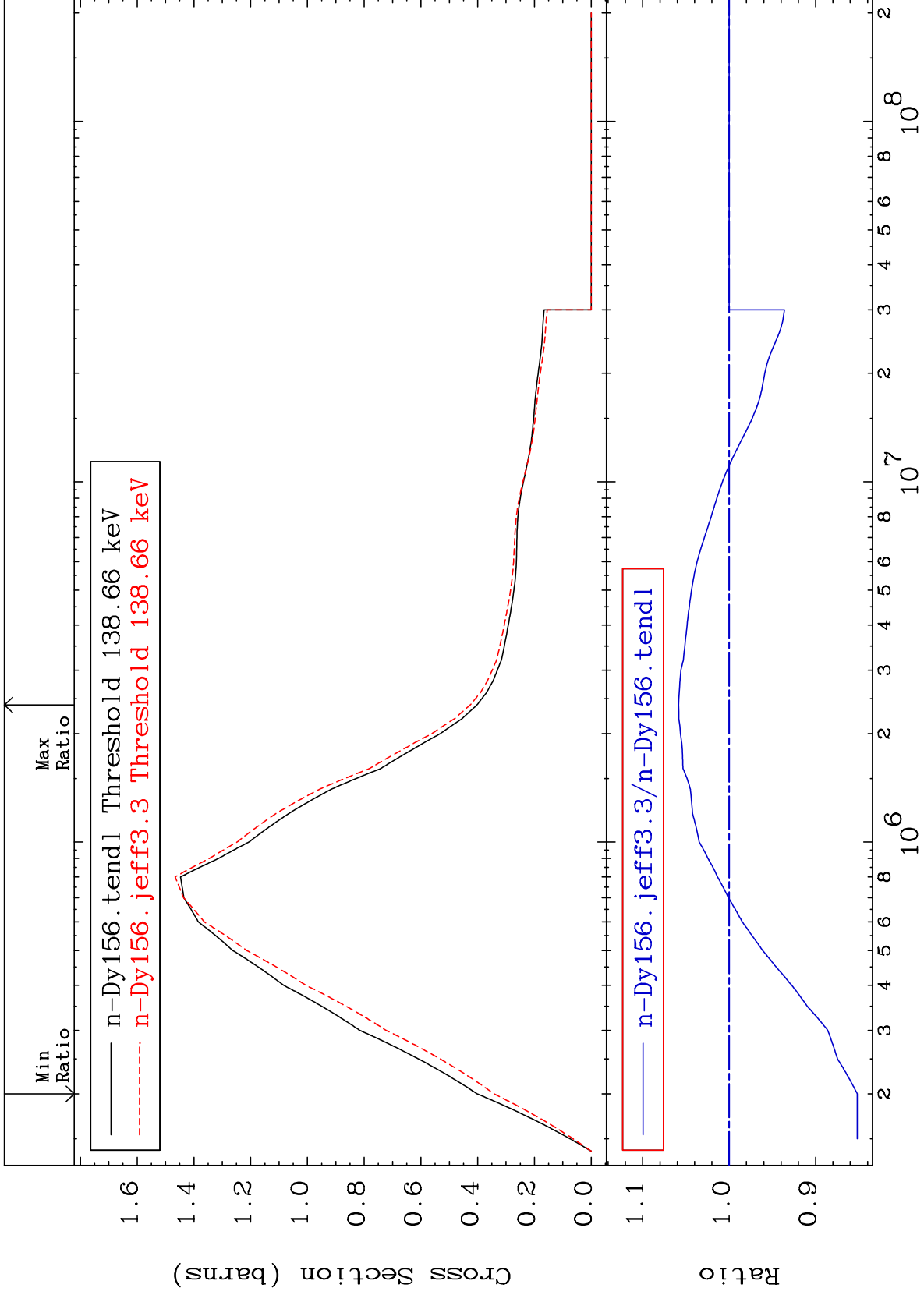
66-Dy-156
To 9999. %



MAT 6625

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

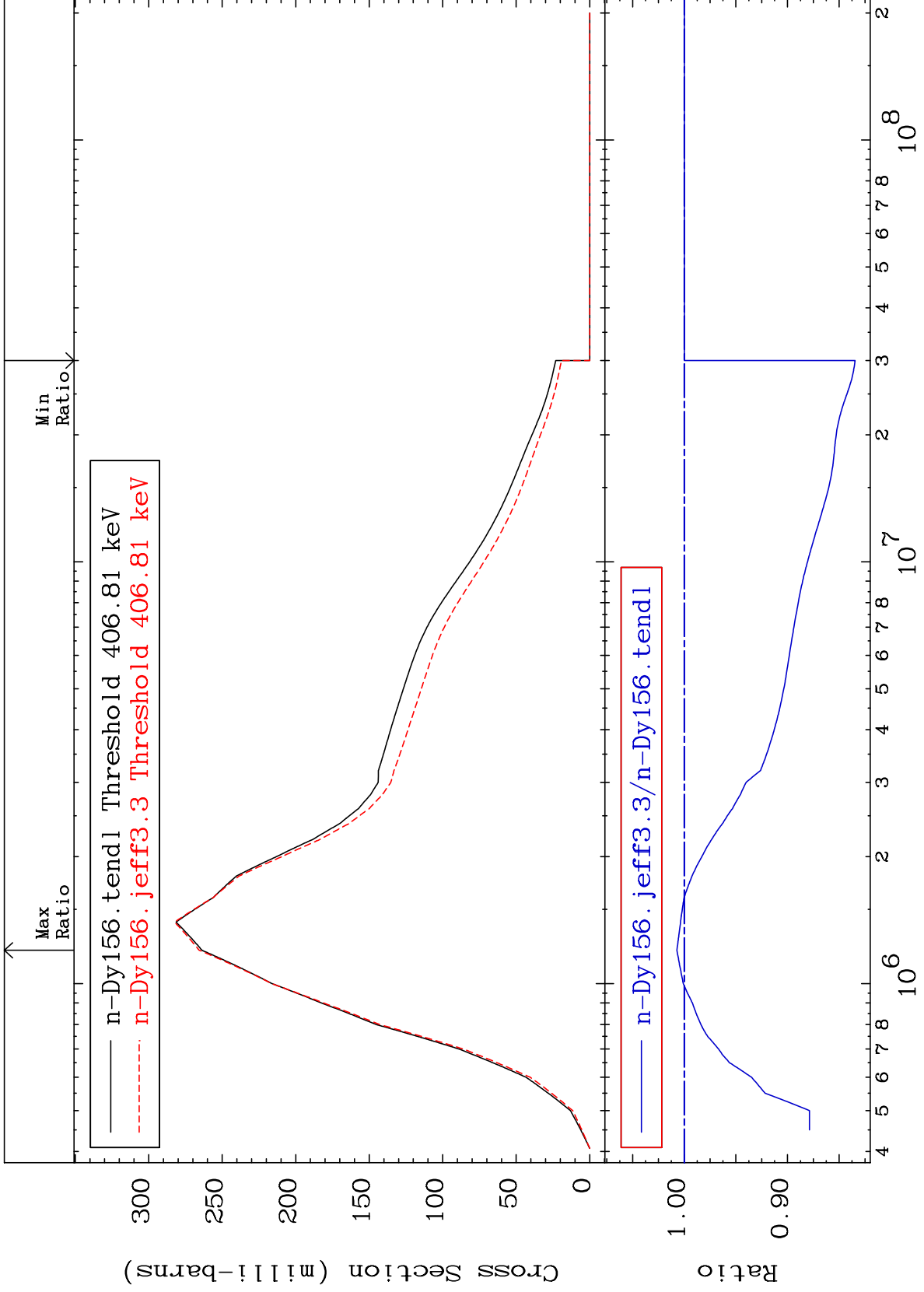
66-Dy-156
-14.81 To 5.843 %



MAT 6625

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

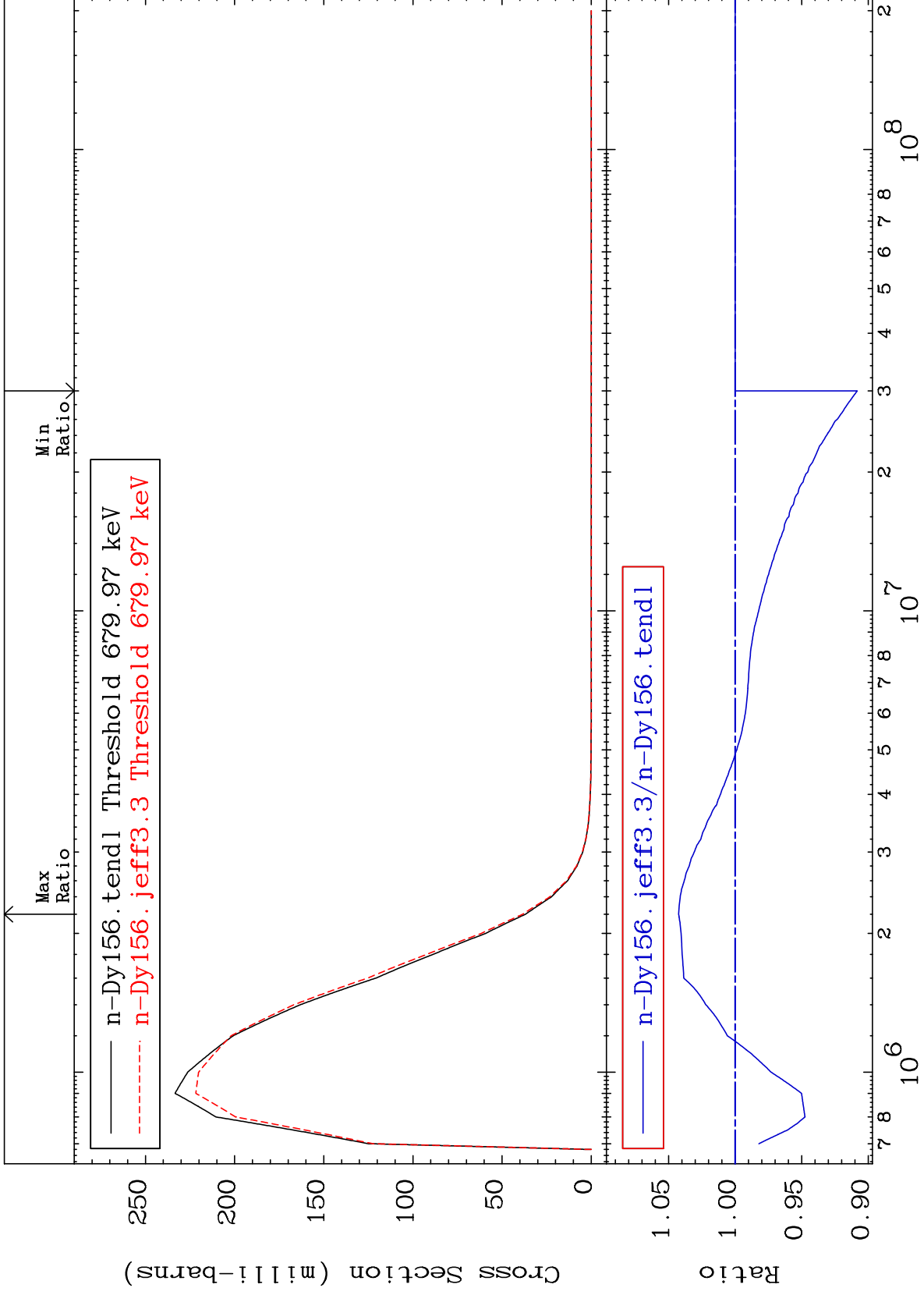
66-Dy-156
-16.54 To 0.711 %



MAT 6625

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

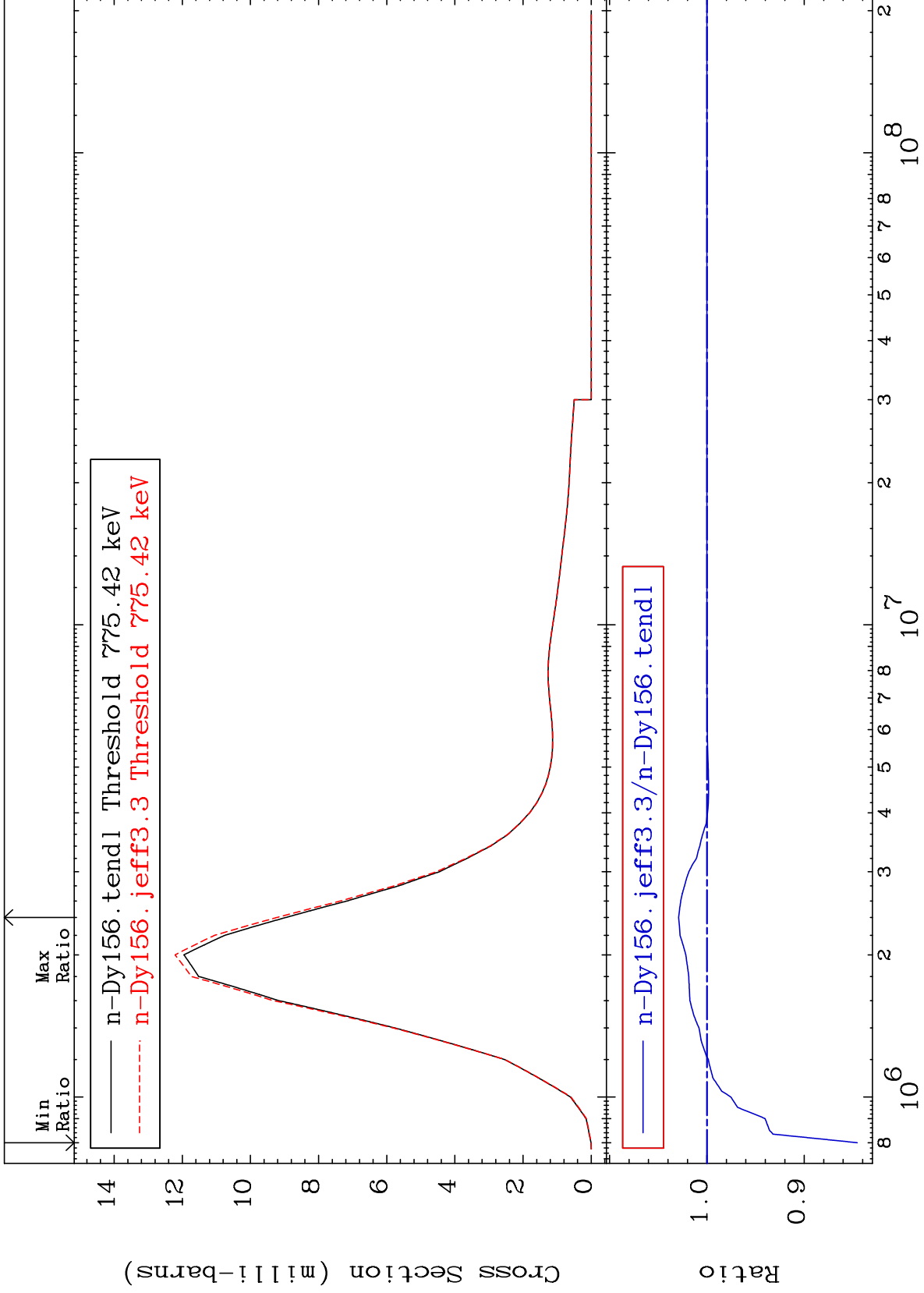
66-Dy-156
-9.179 To 4.241 %



MAT 6625

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

66-Dy-156
-15.45 To 2.906 %



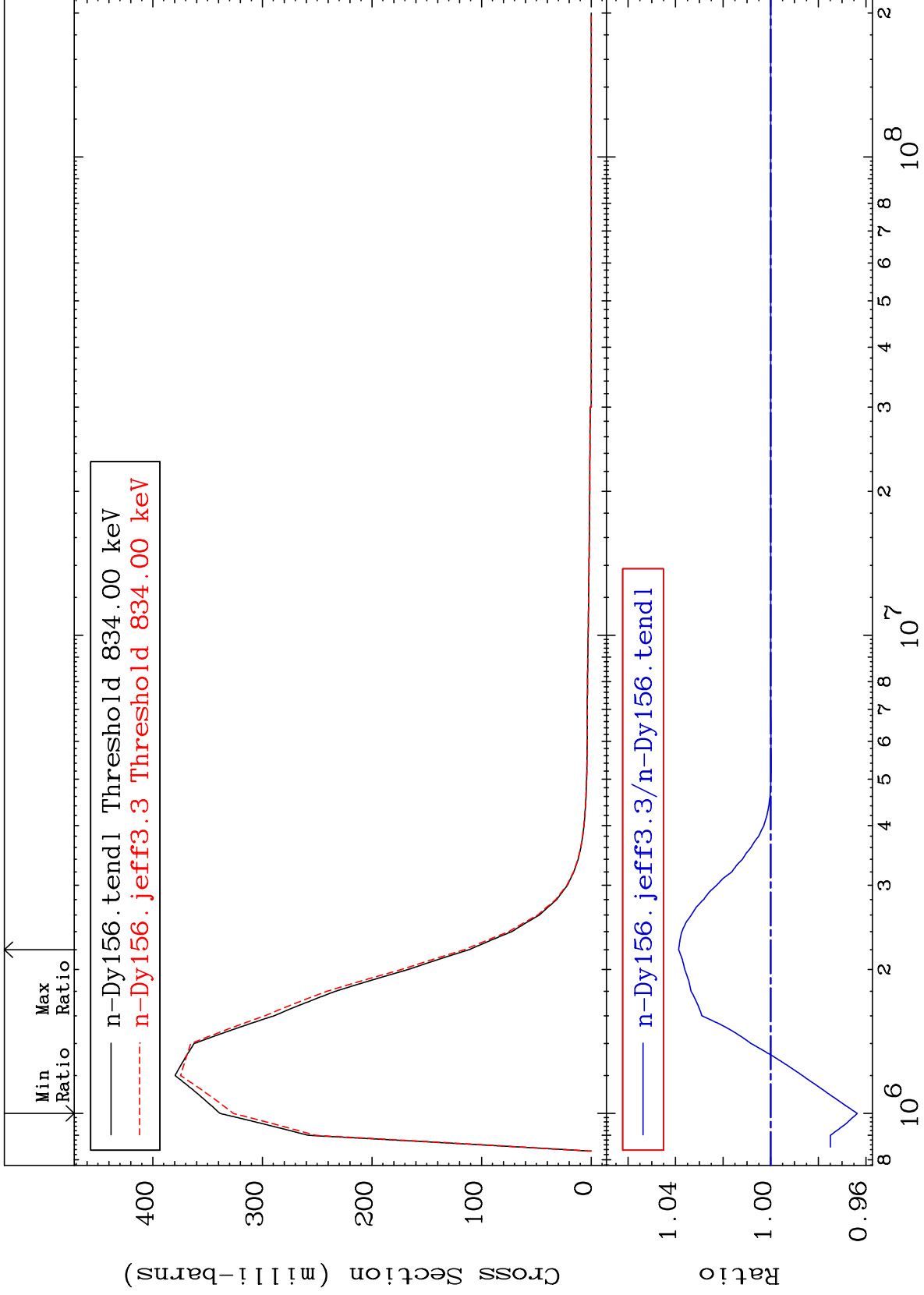
25

66-Dy-156

MAT 6625

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

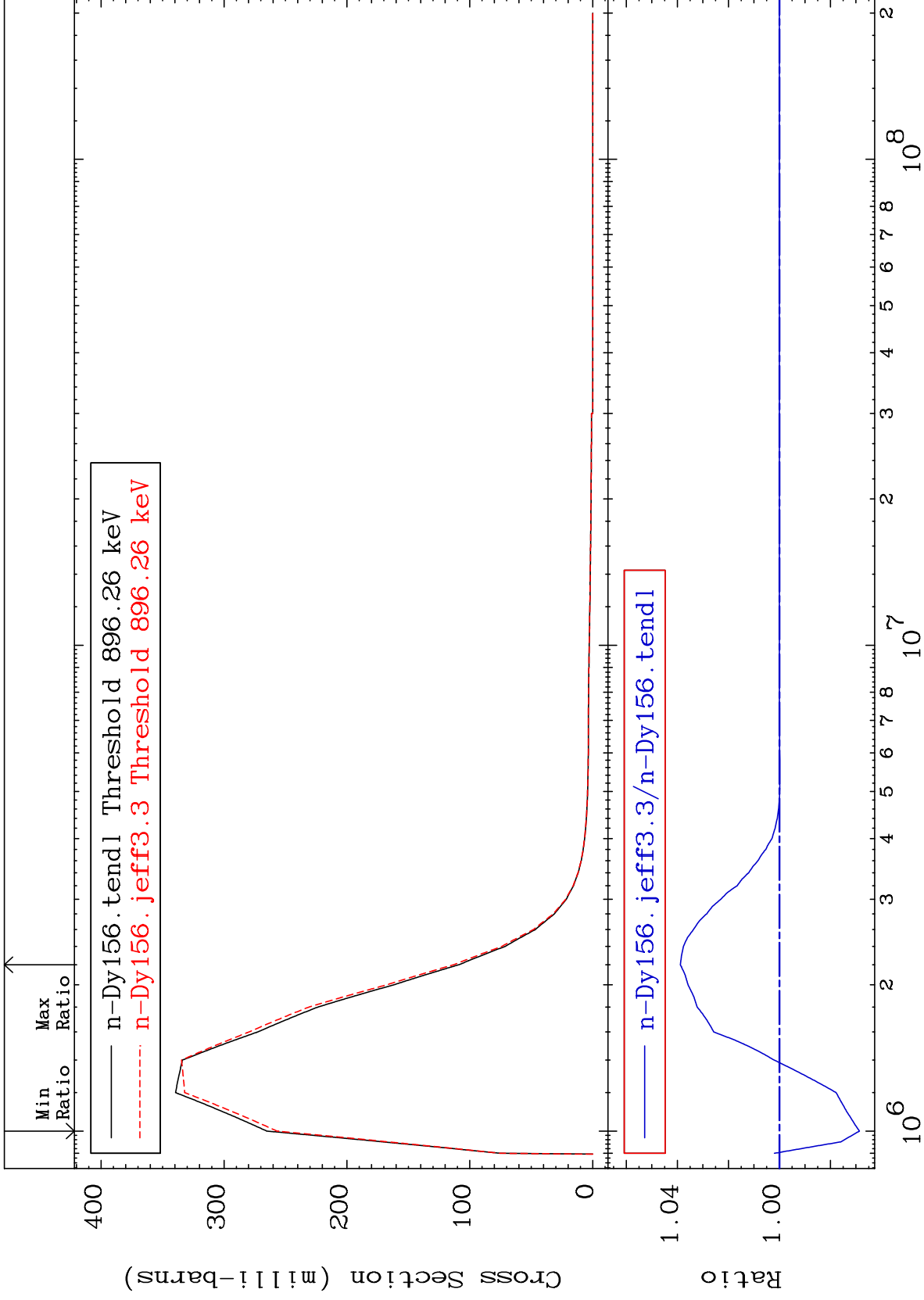
66-Dy-156
-3.636 To 3.870 %



MAT 6625

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

66-Dy-156
-3.136 To 3.882 %



27

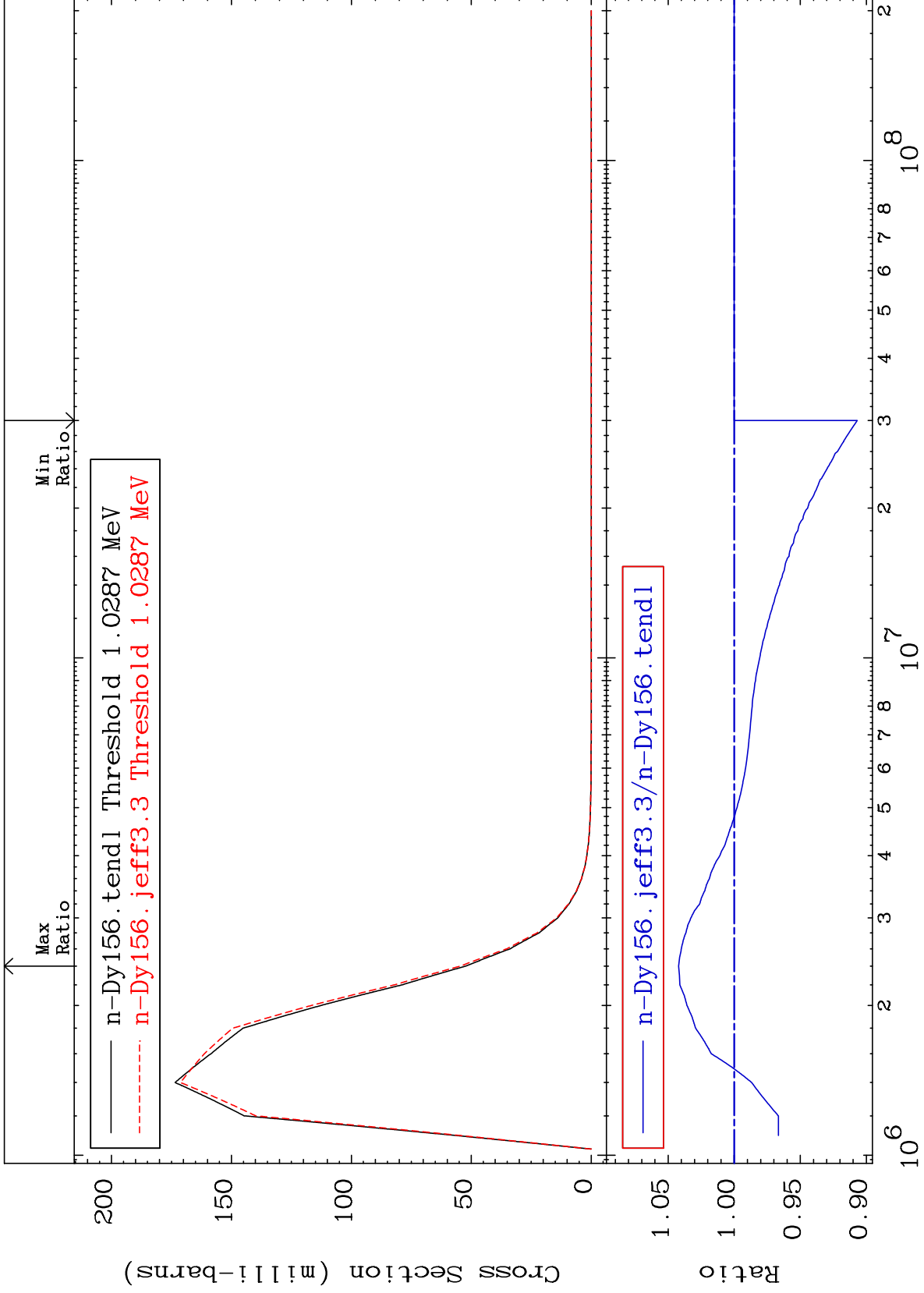
Incident Energy (eV)

66-Dy-156

MAT 6625

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

66-Dy-156
-9.313 To 4.208 %



28

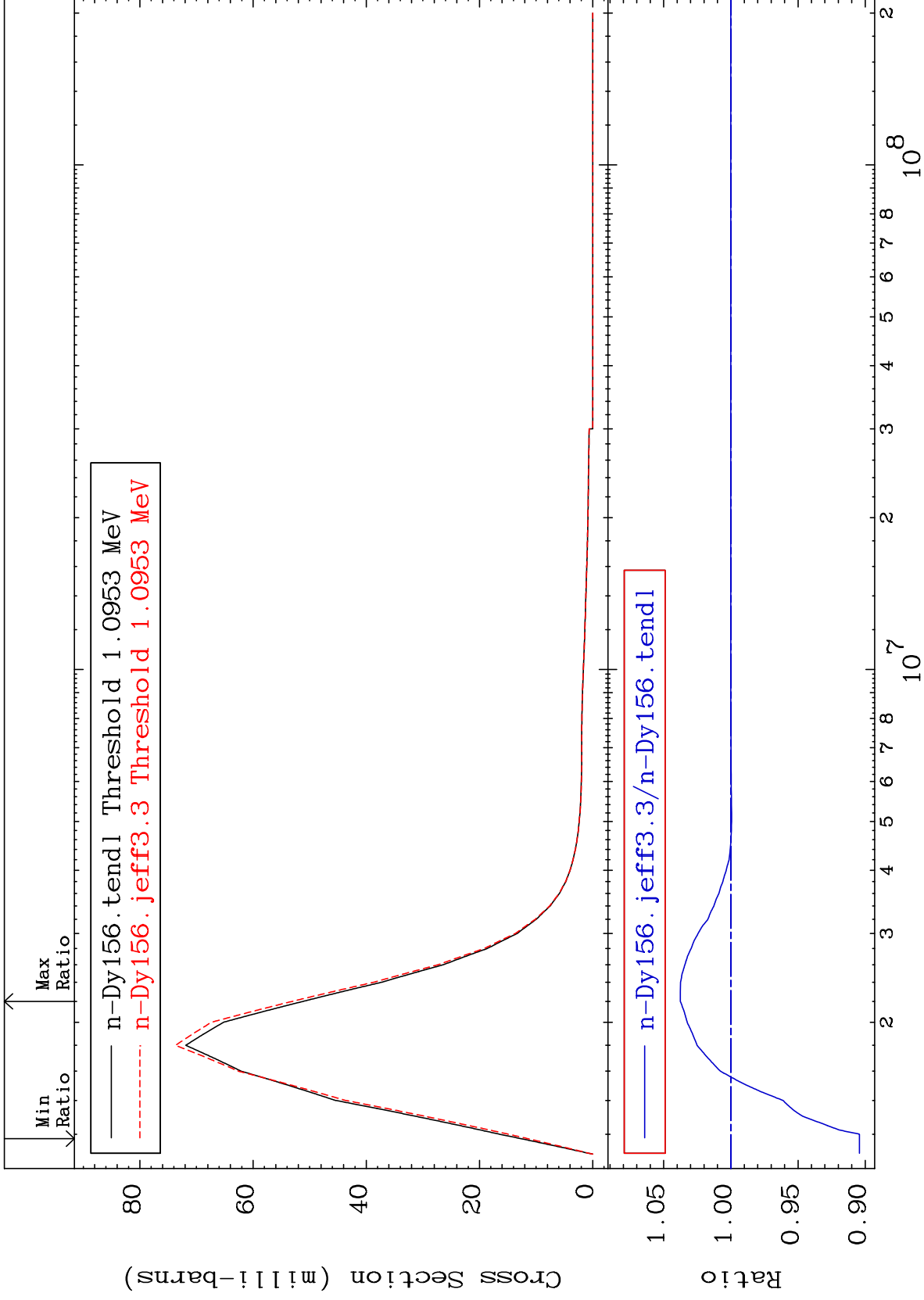
Incident Energy (eV)

66-Dy-156

MAT 6625

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

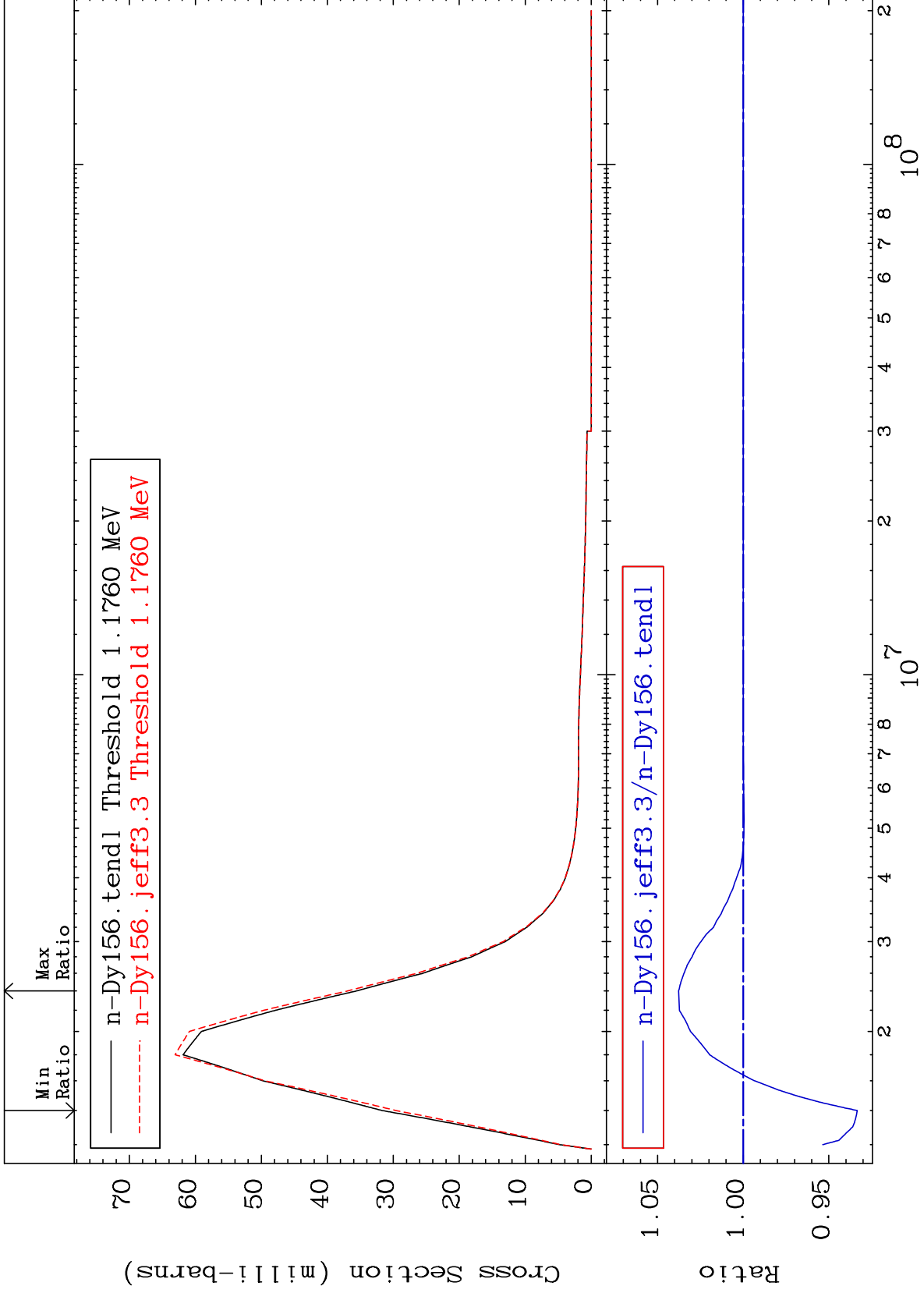
66-Dy-156
-9.570 To 3.759 %

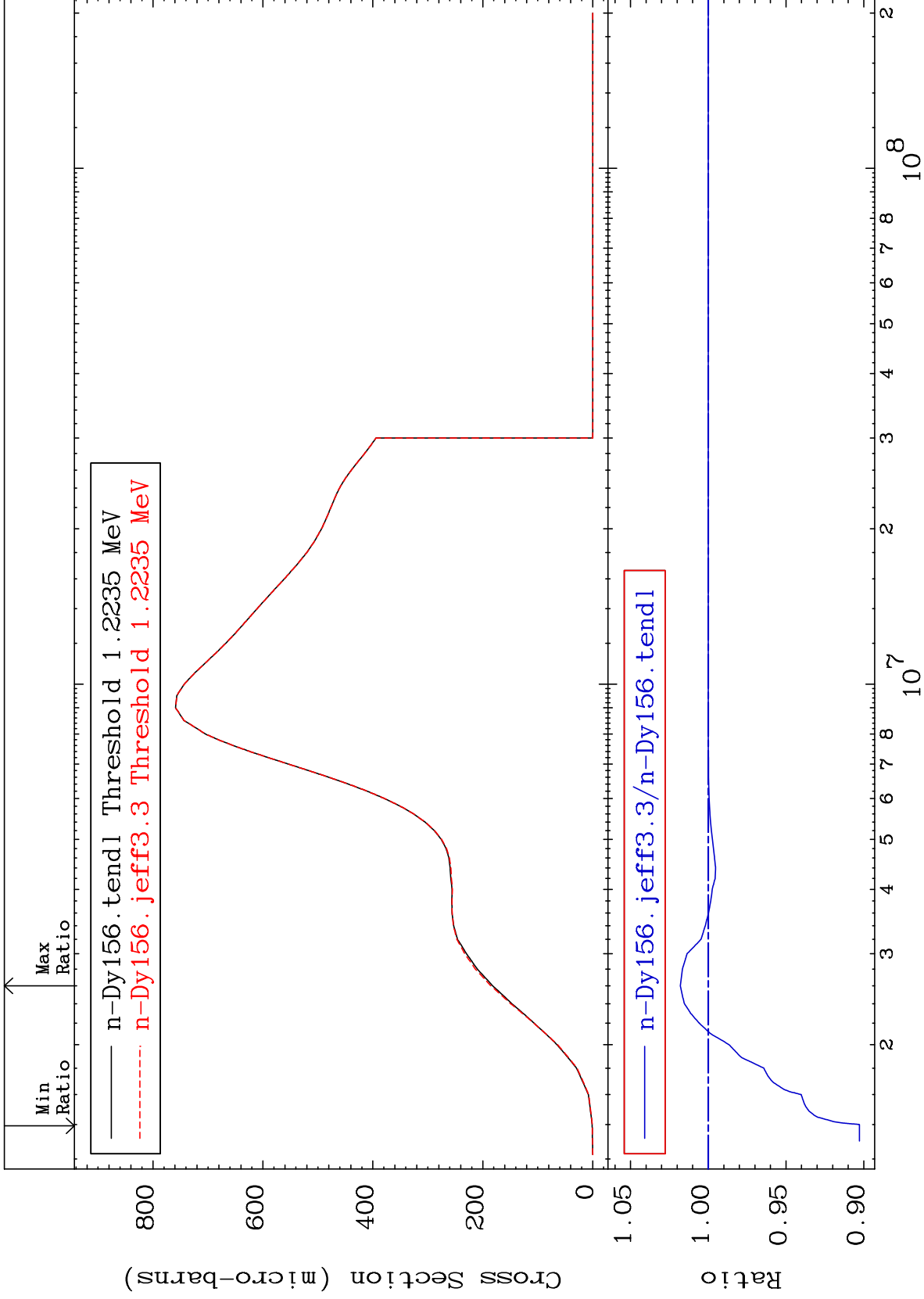


MAT 6625

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

66-Dy-156
-6.659 To 3.770 %

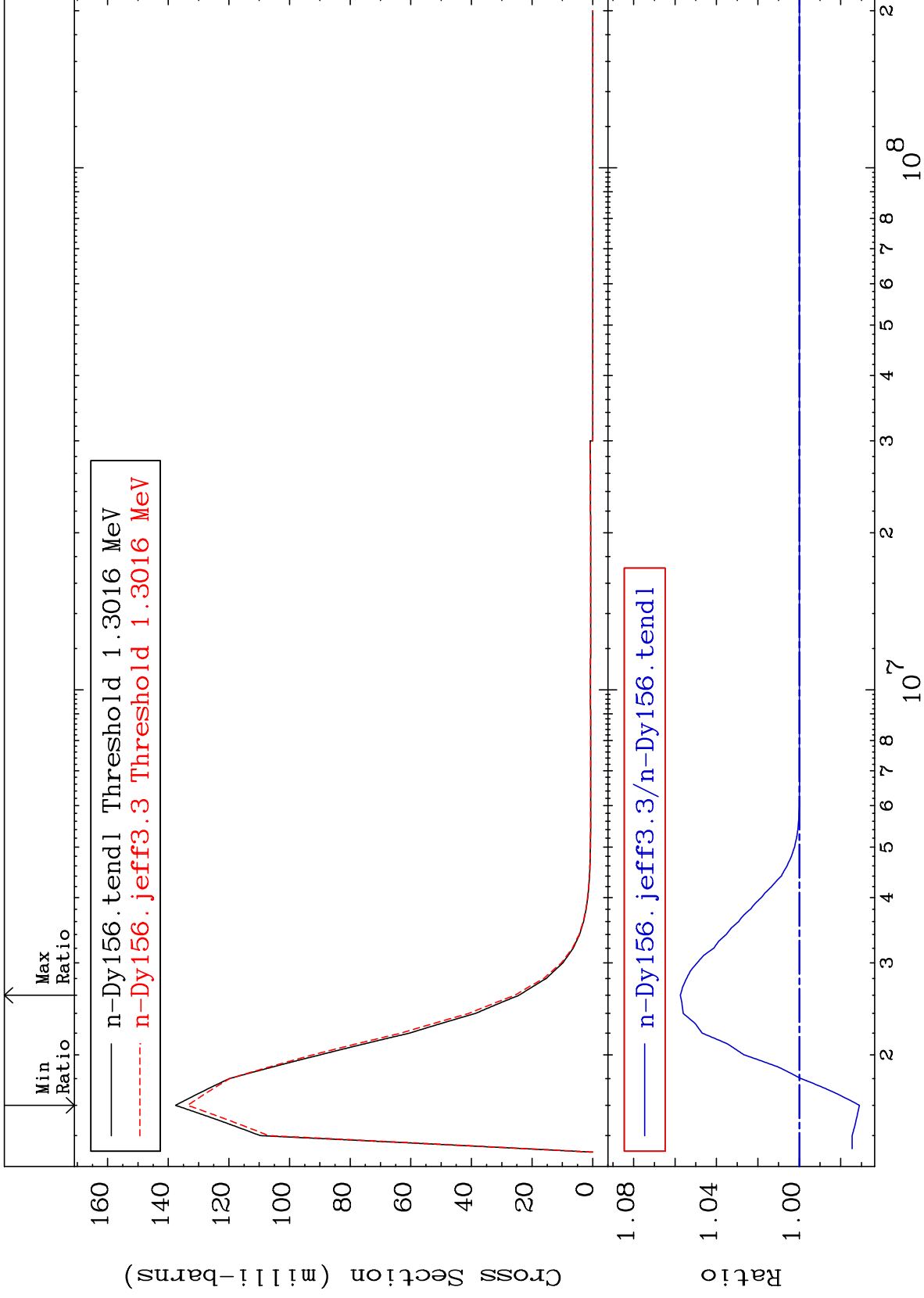




MAT 6625

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

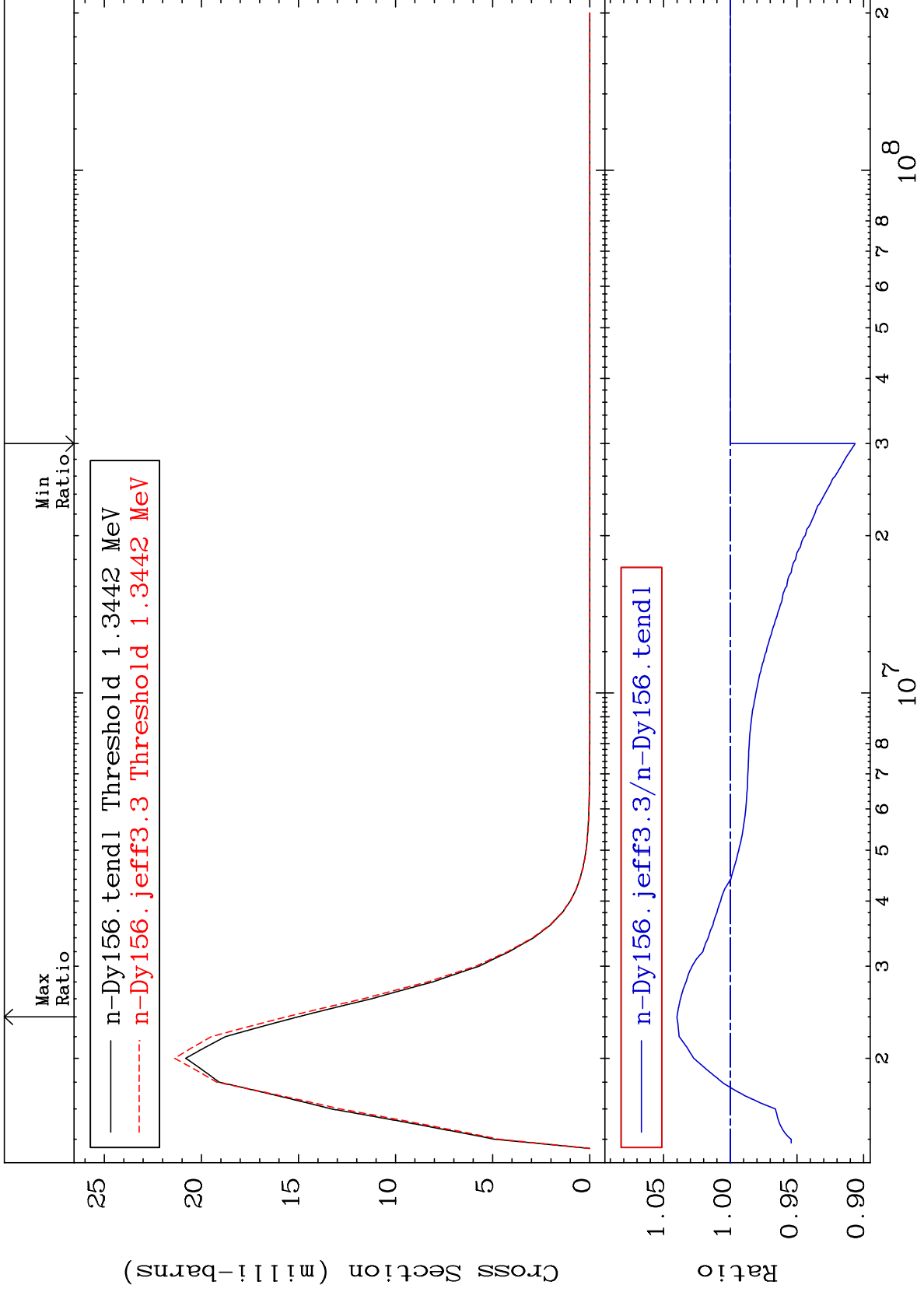
66-Dy-156
-2.902 To 5.745 %



MAT 6625

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

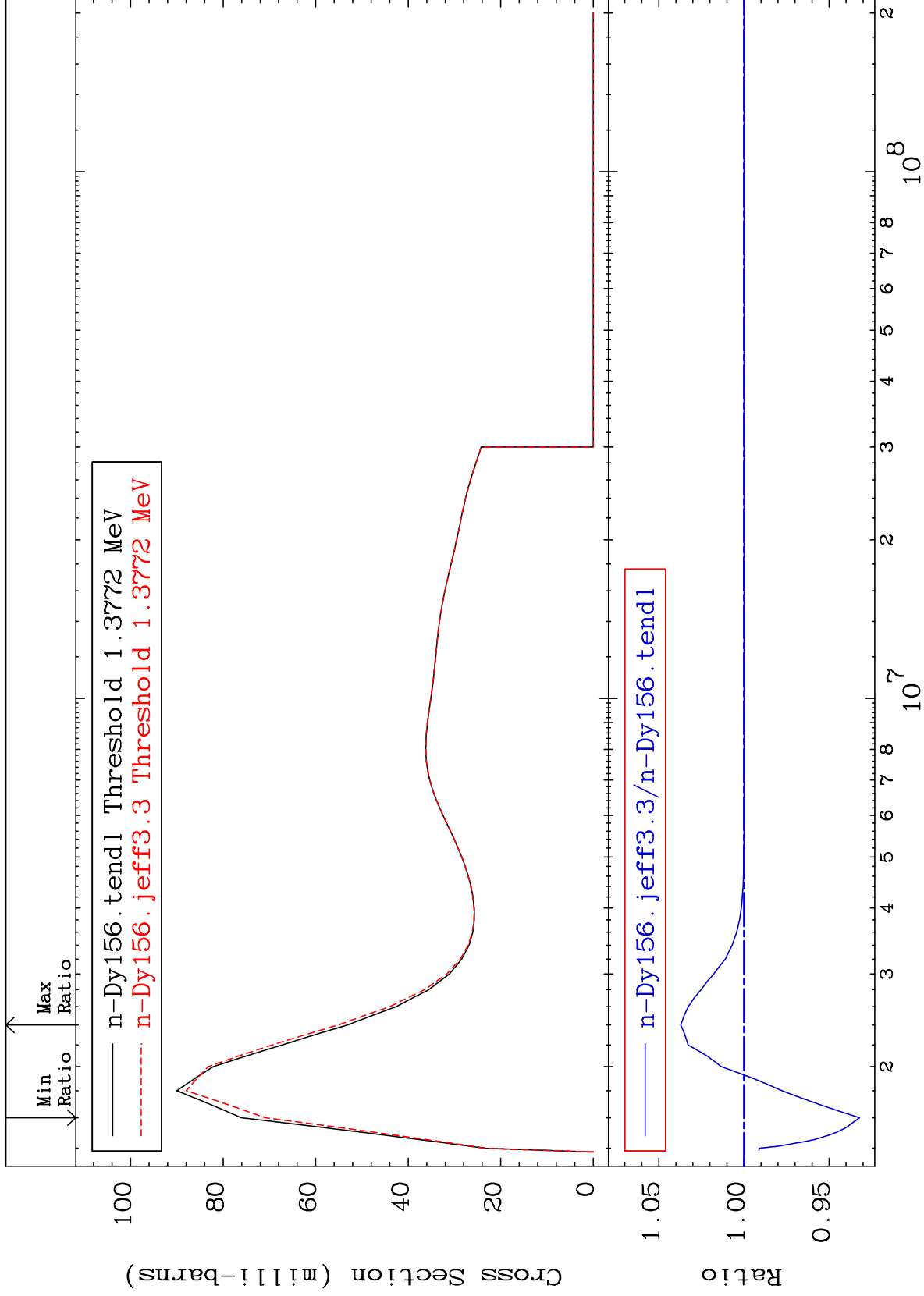
66-Dy-156
-9.356 To 4.006 %



MAT 6625

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

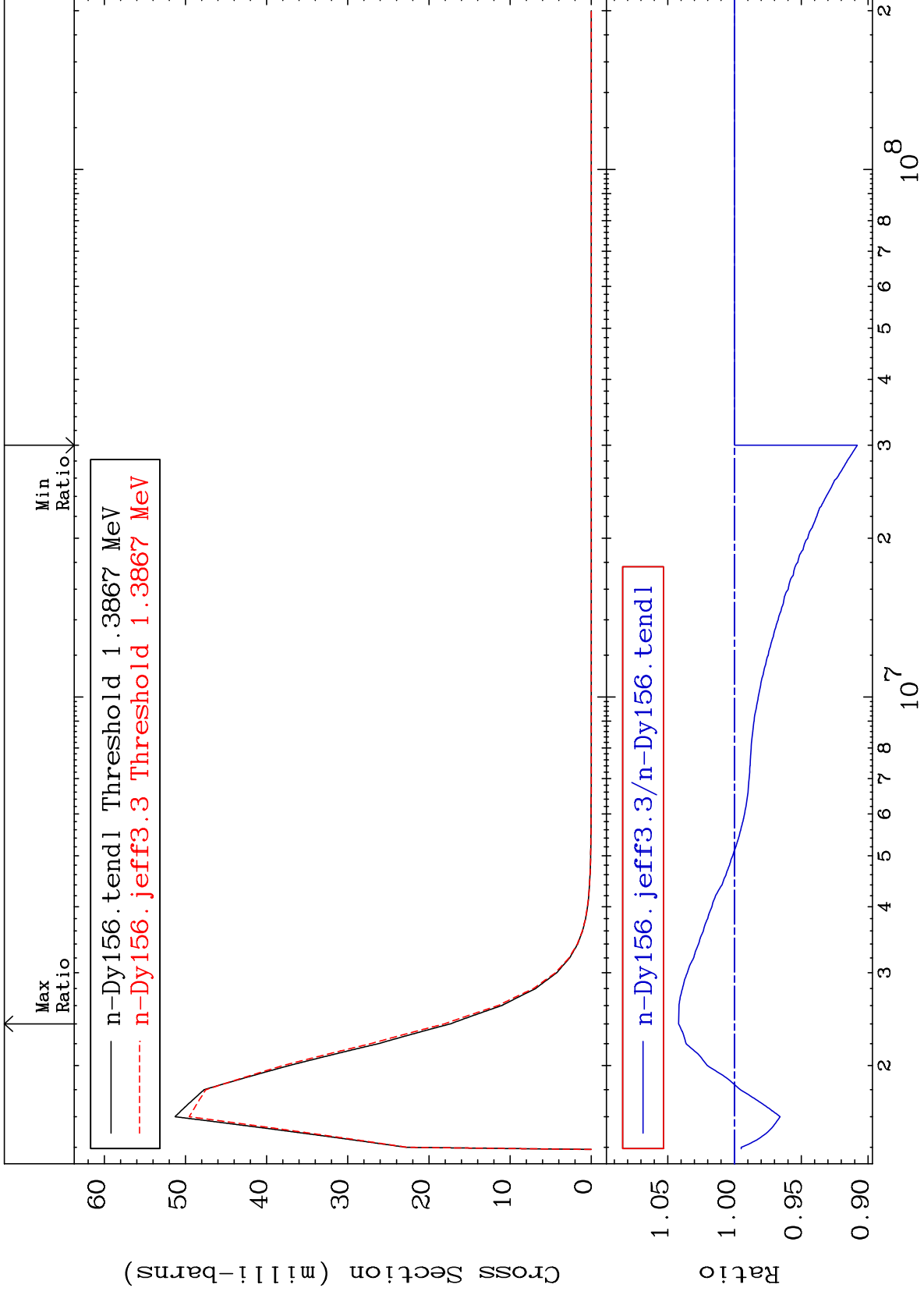
66-Dy-156
-6.792 To 3.712 %

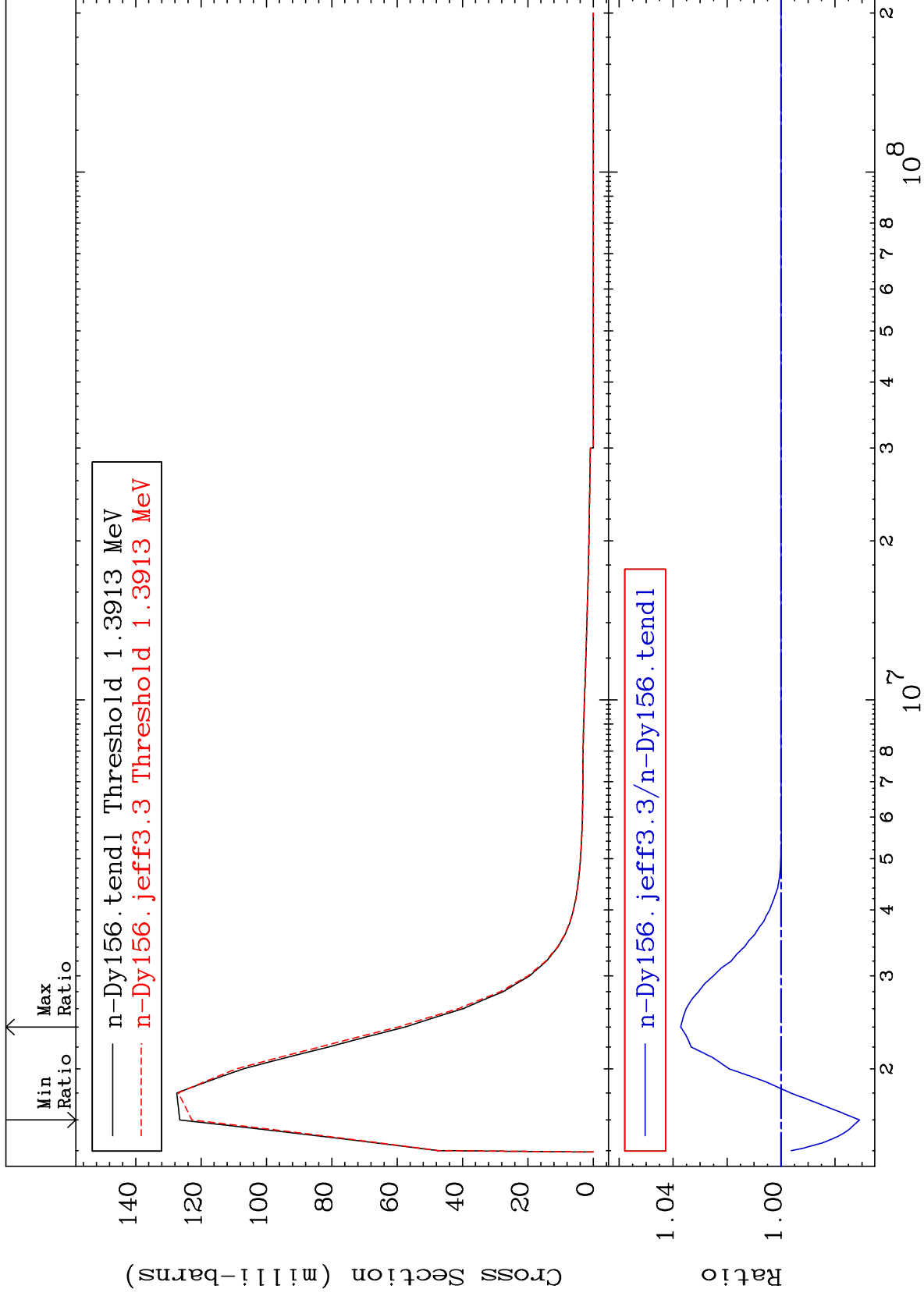


MAT 6625

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

66-Dy-156
-9.192 To 4.180 %

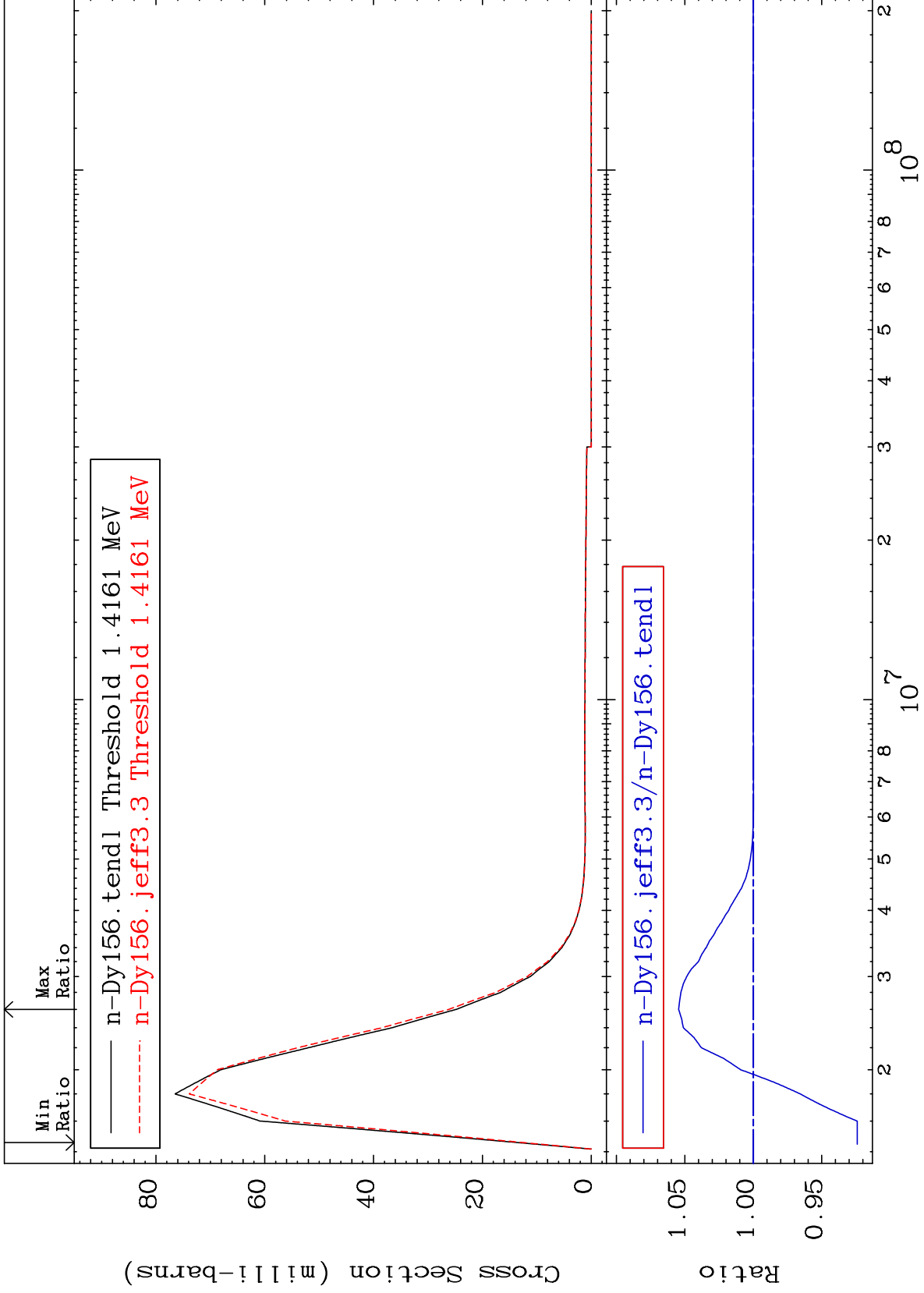




MAT 6625

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

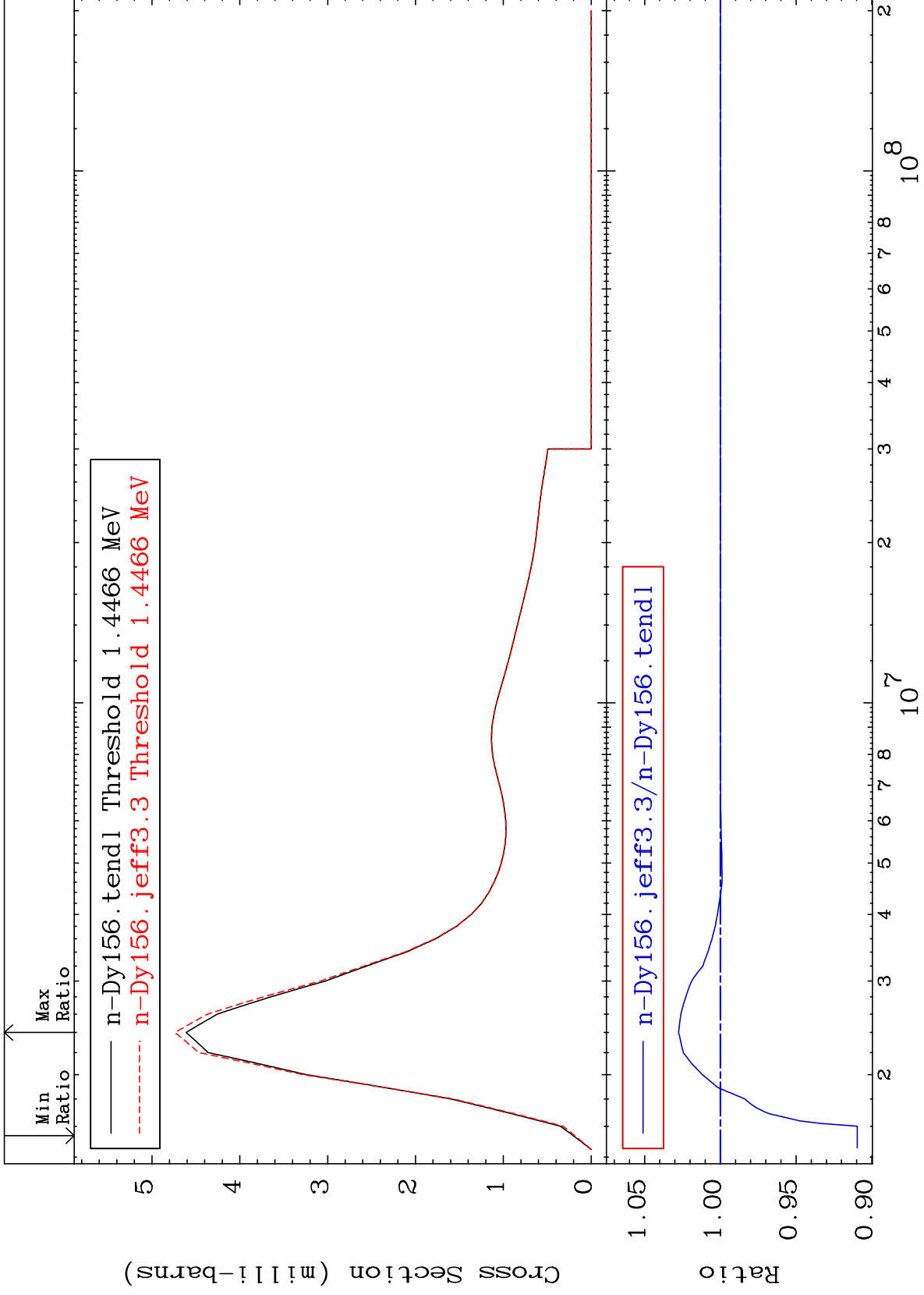
66-Dy-156
-7.593 To 5.459 %

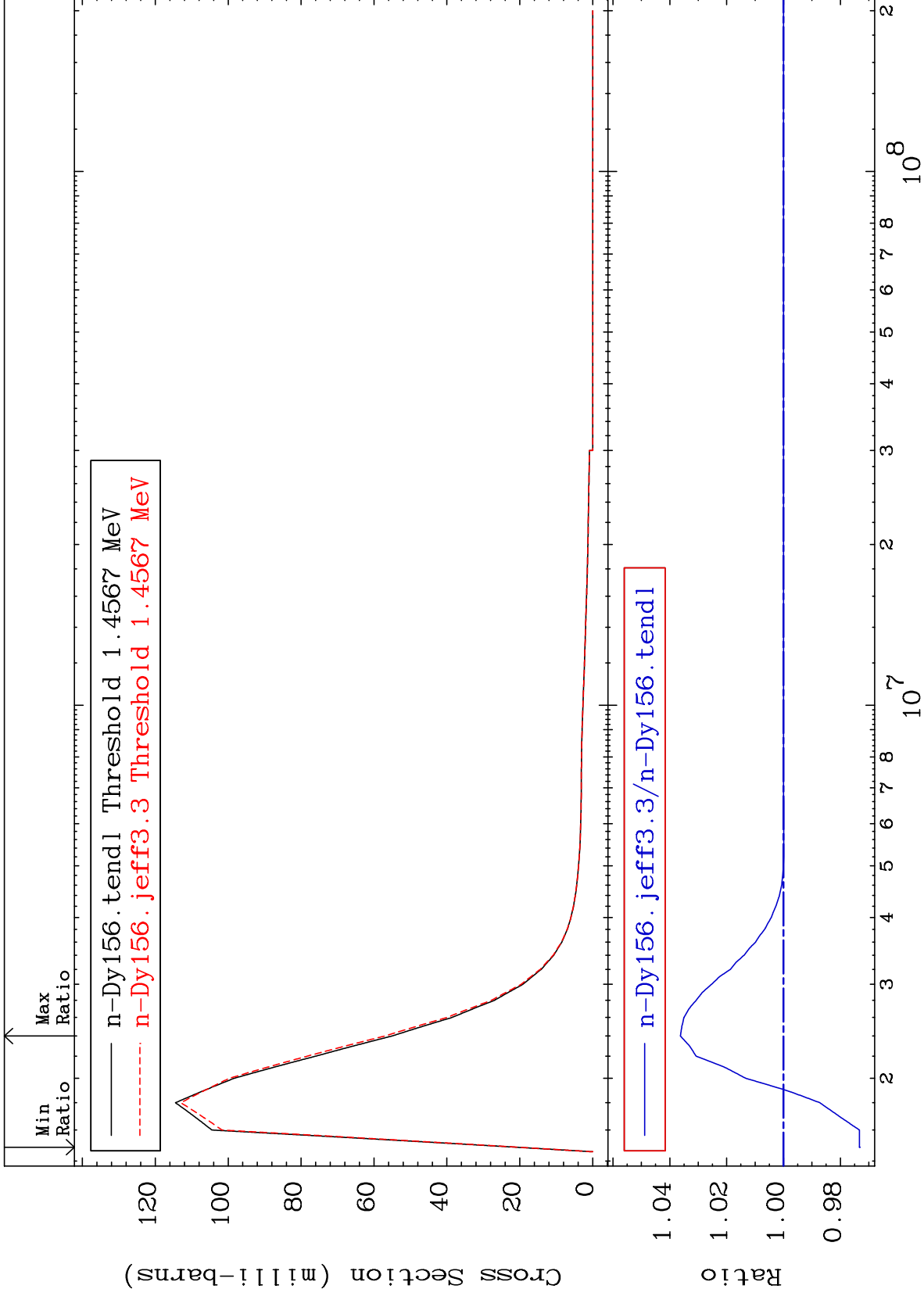


MAT 6625

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

66-Dy-156
-9.037 To 2.752 %

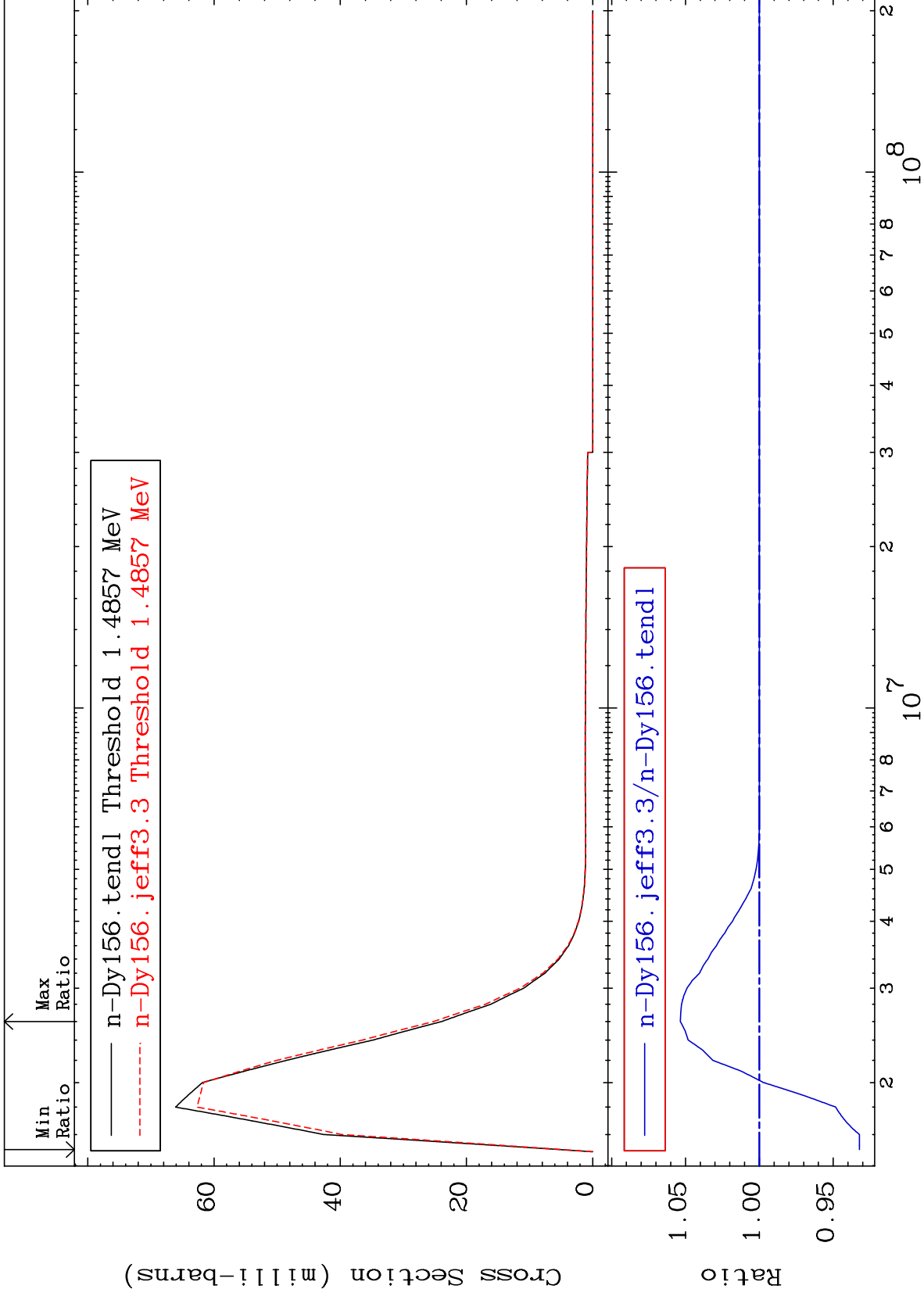




MAT 6625

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

66-Dy-156
-6.775 To 5.346 %



40

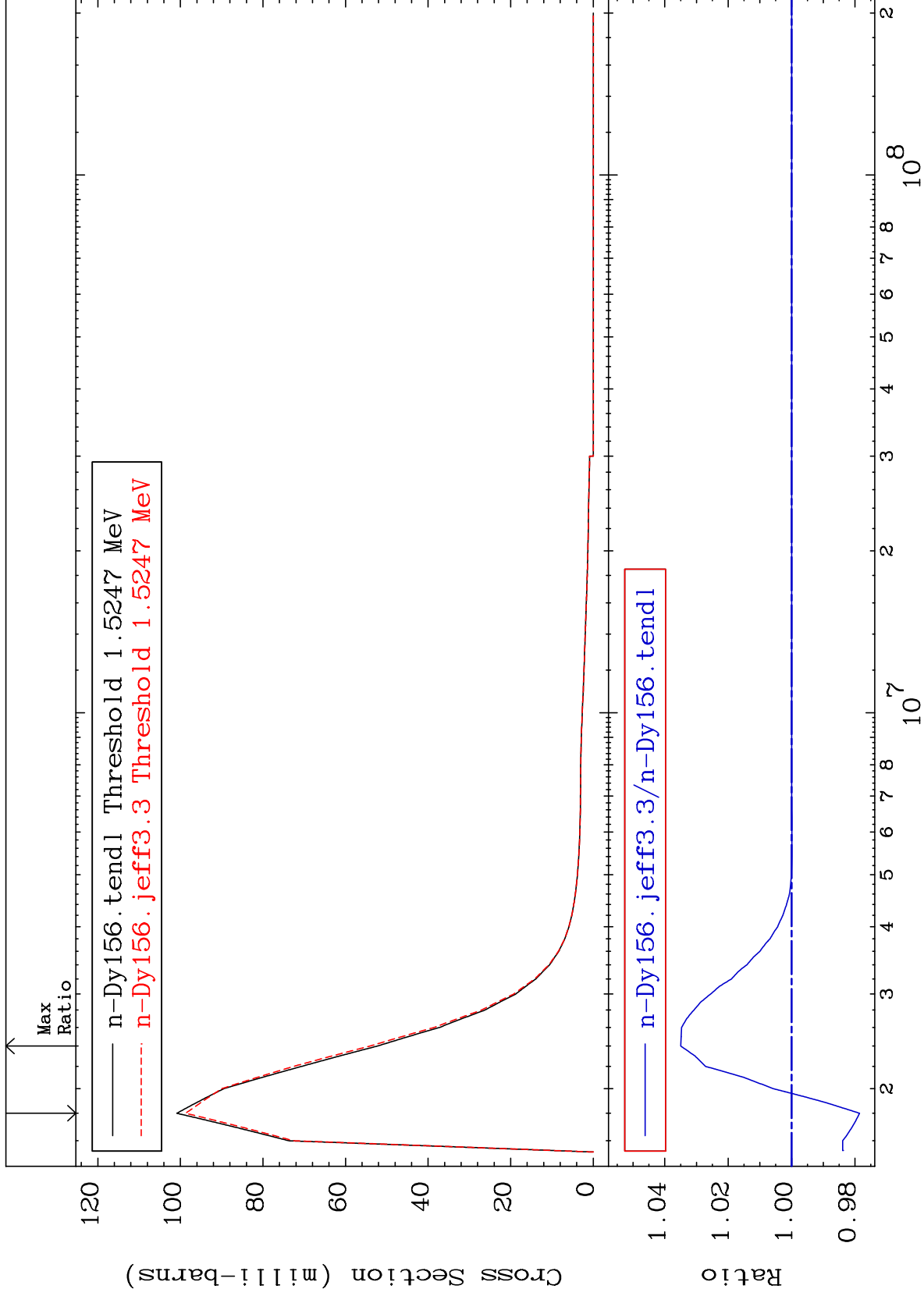
Incident Energy (eV)

66-Dy-156

MAT 6625

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

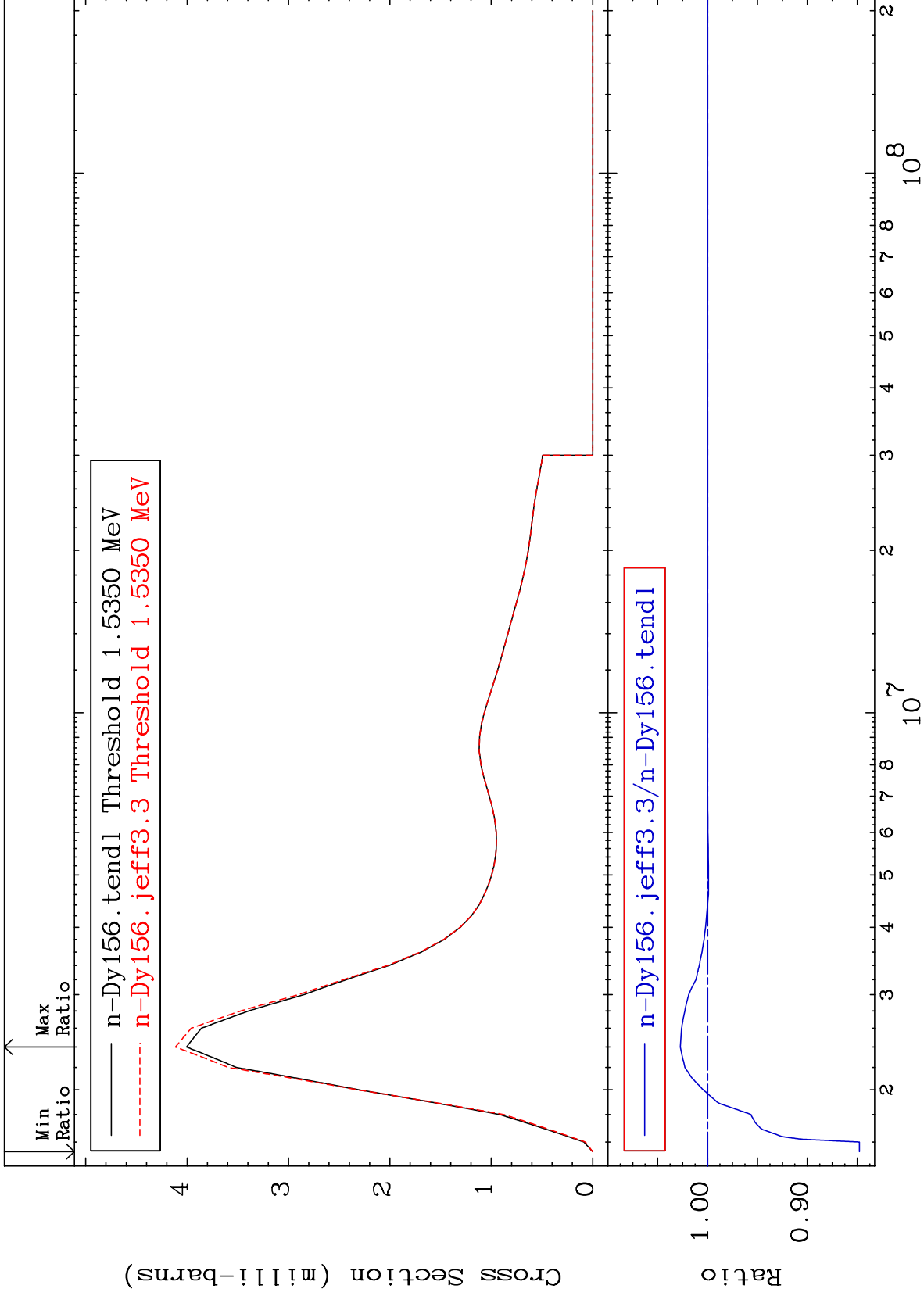
66-Dy-156
-2.143 To 3.496 %



MAT 6625

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

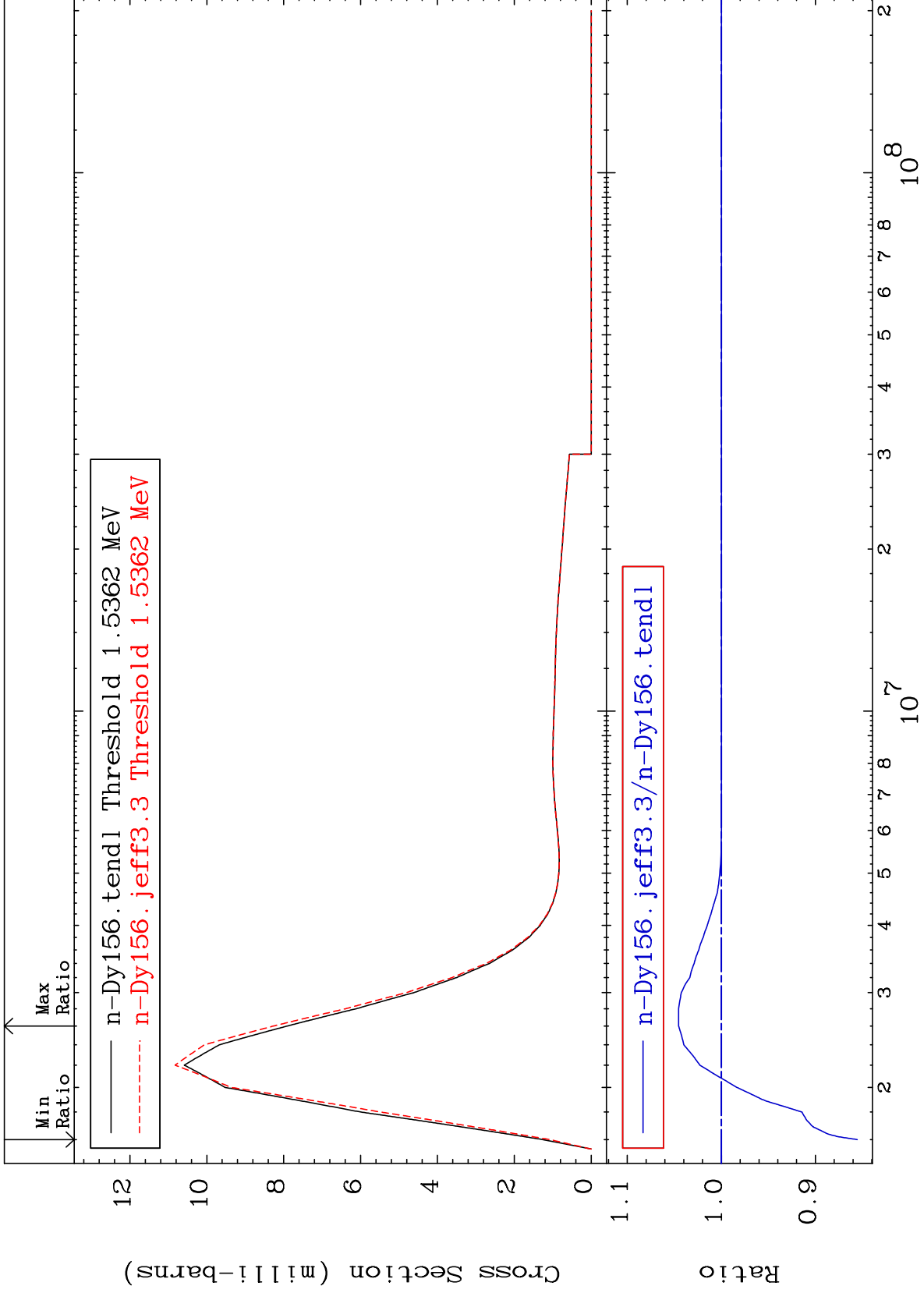
66-Dy-156
-15.22 To 2.723 %



MAT 6625

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

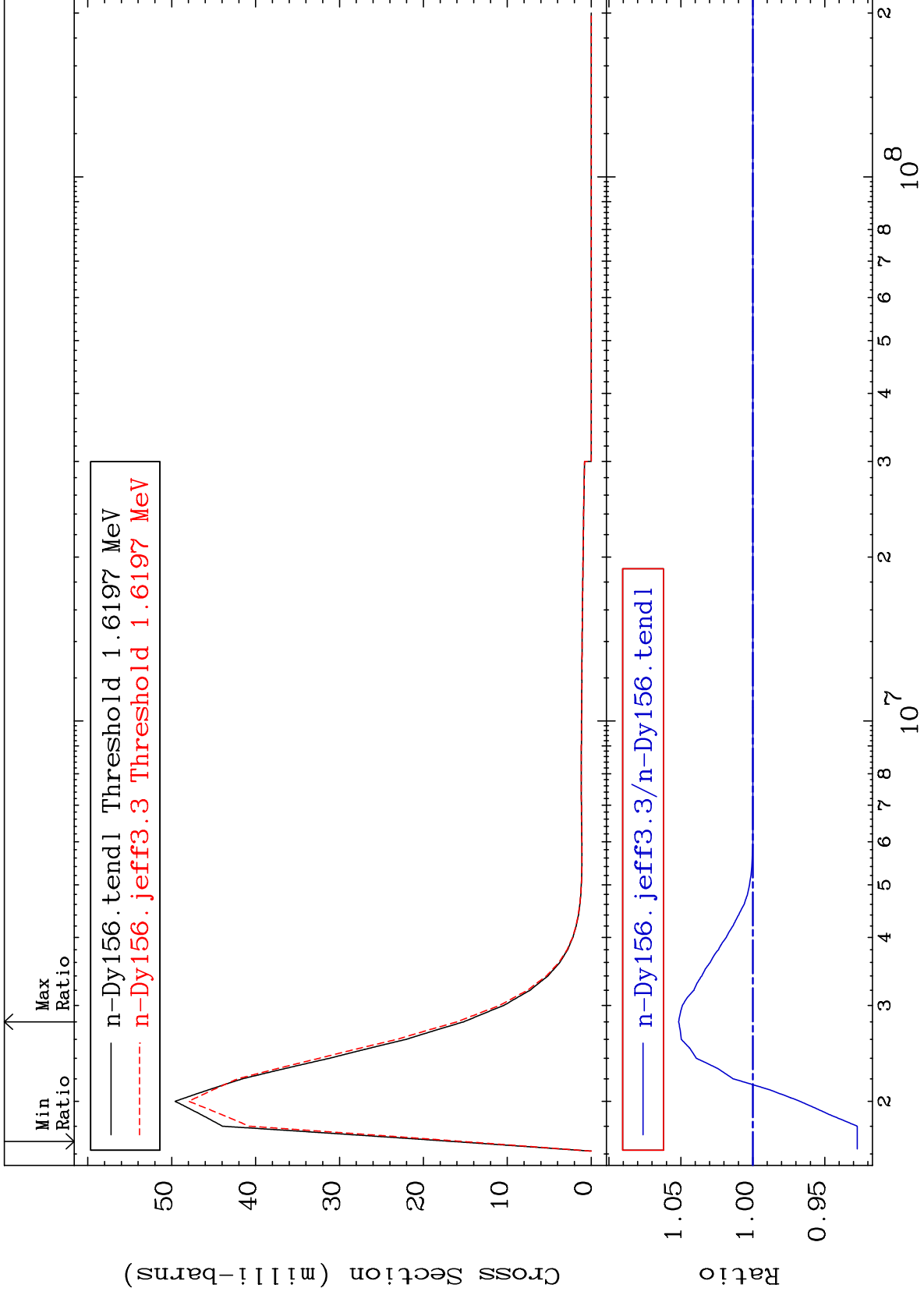
66-Dy-156
-14.44 To 4.539 %



MAT 6625

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

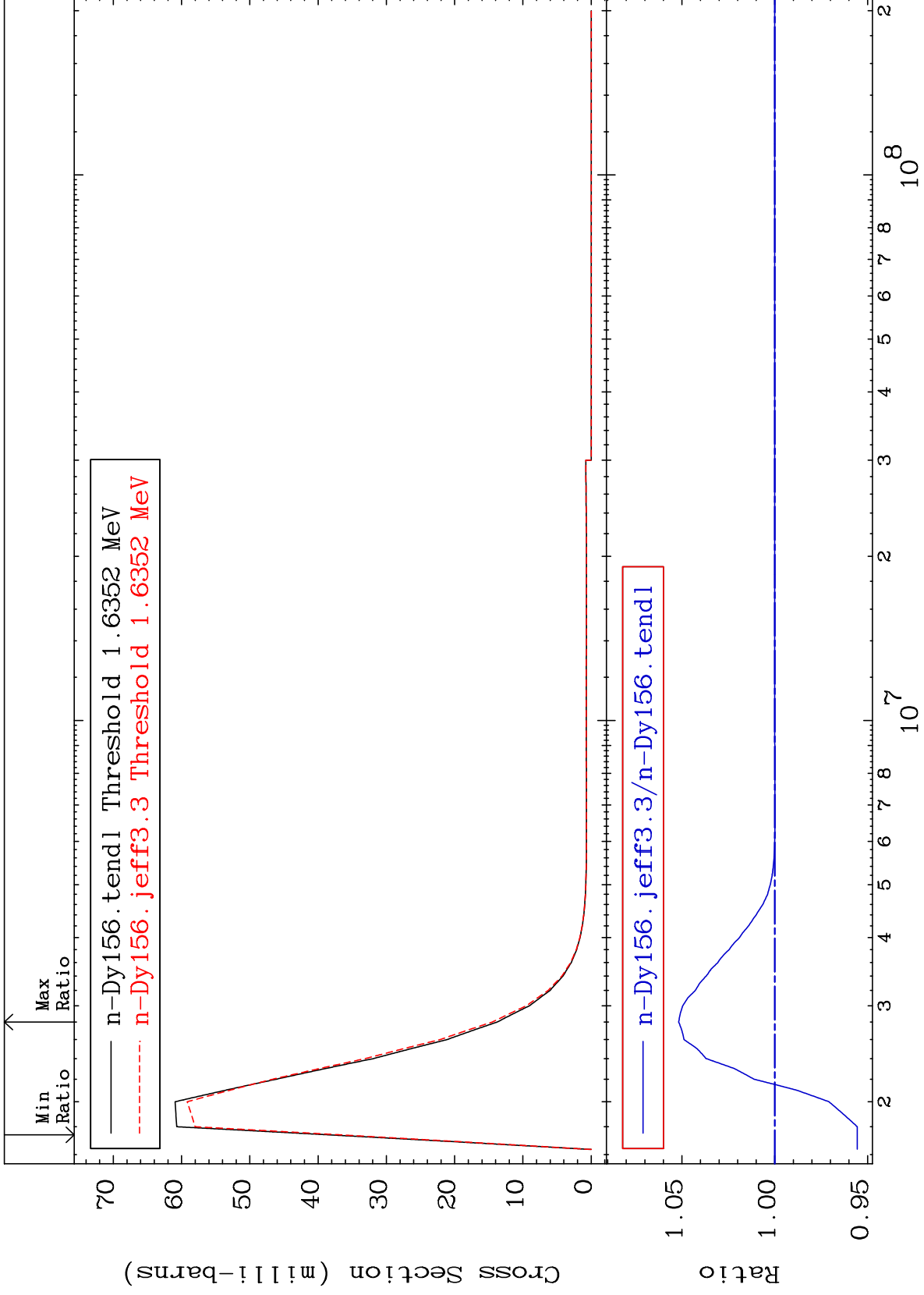
66-Dy-156
-7.257 To 5.154 %



MAT 6625

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

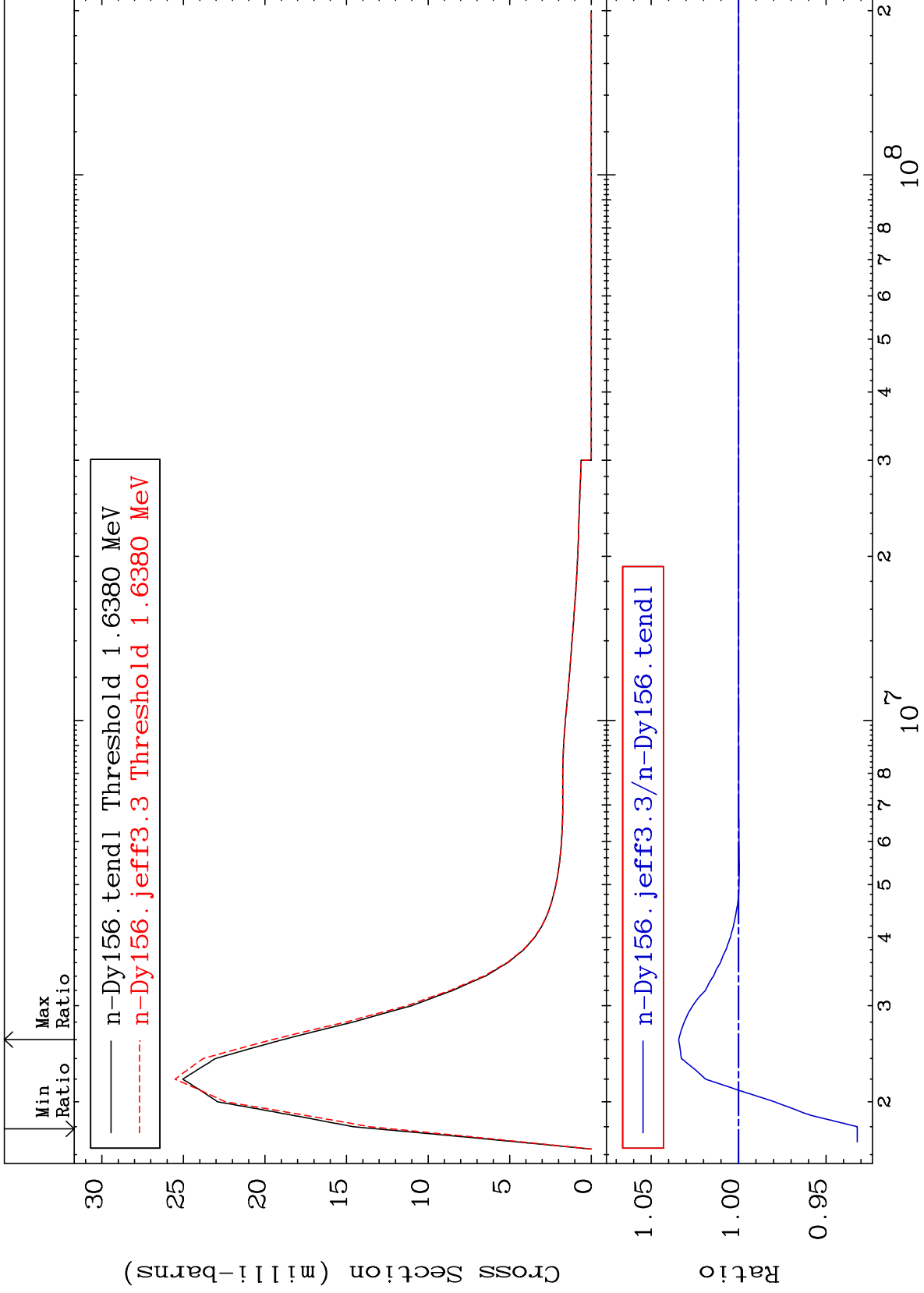
66-Dy-156
-4.443 To 5.179 %



MAT 6625

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

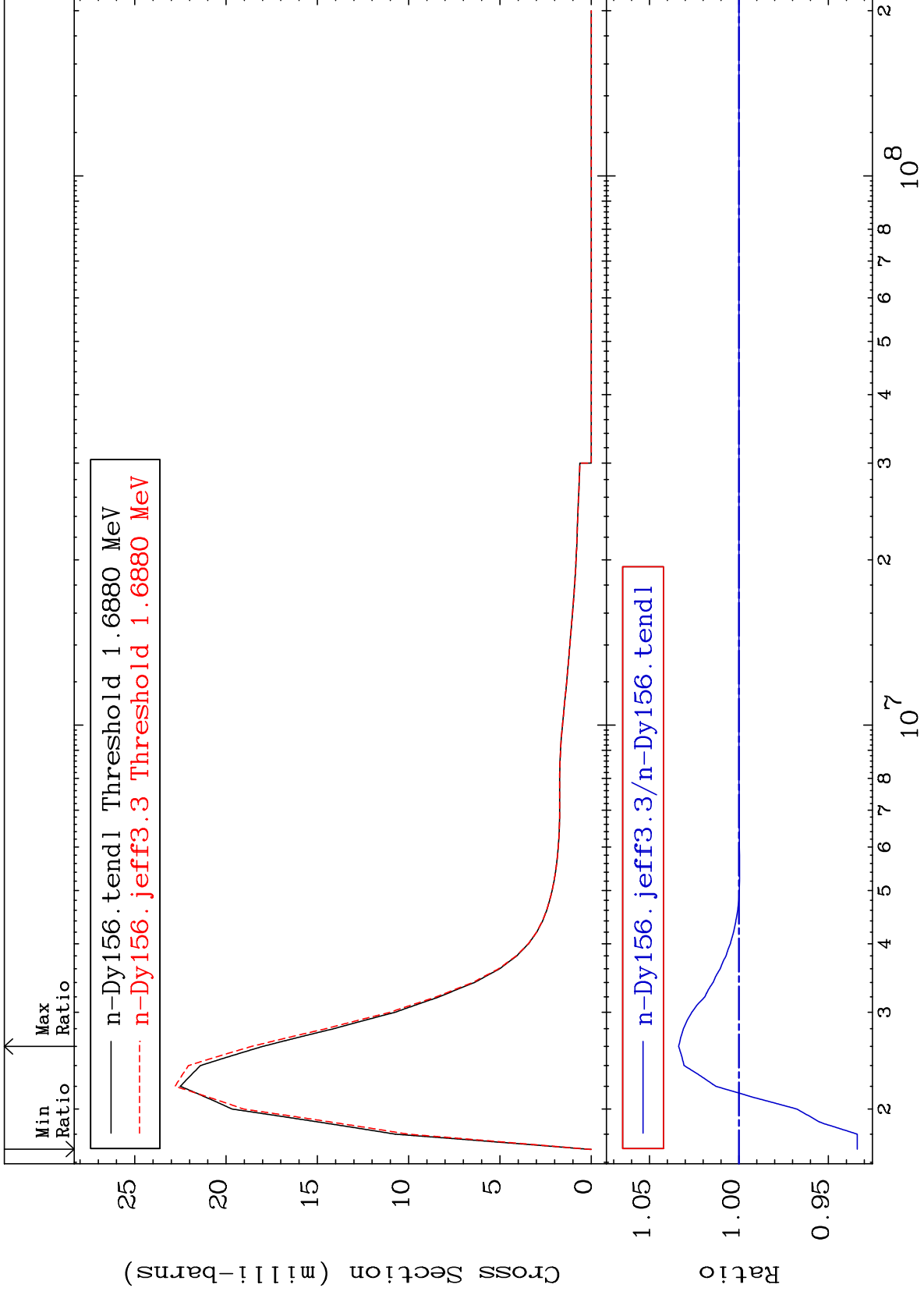
66-Dy-156
-6.790 To 3.430 %

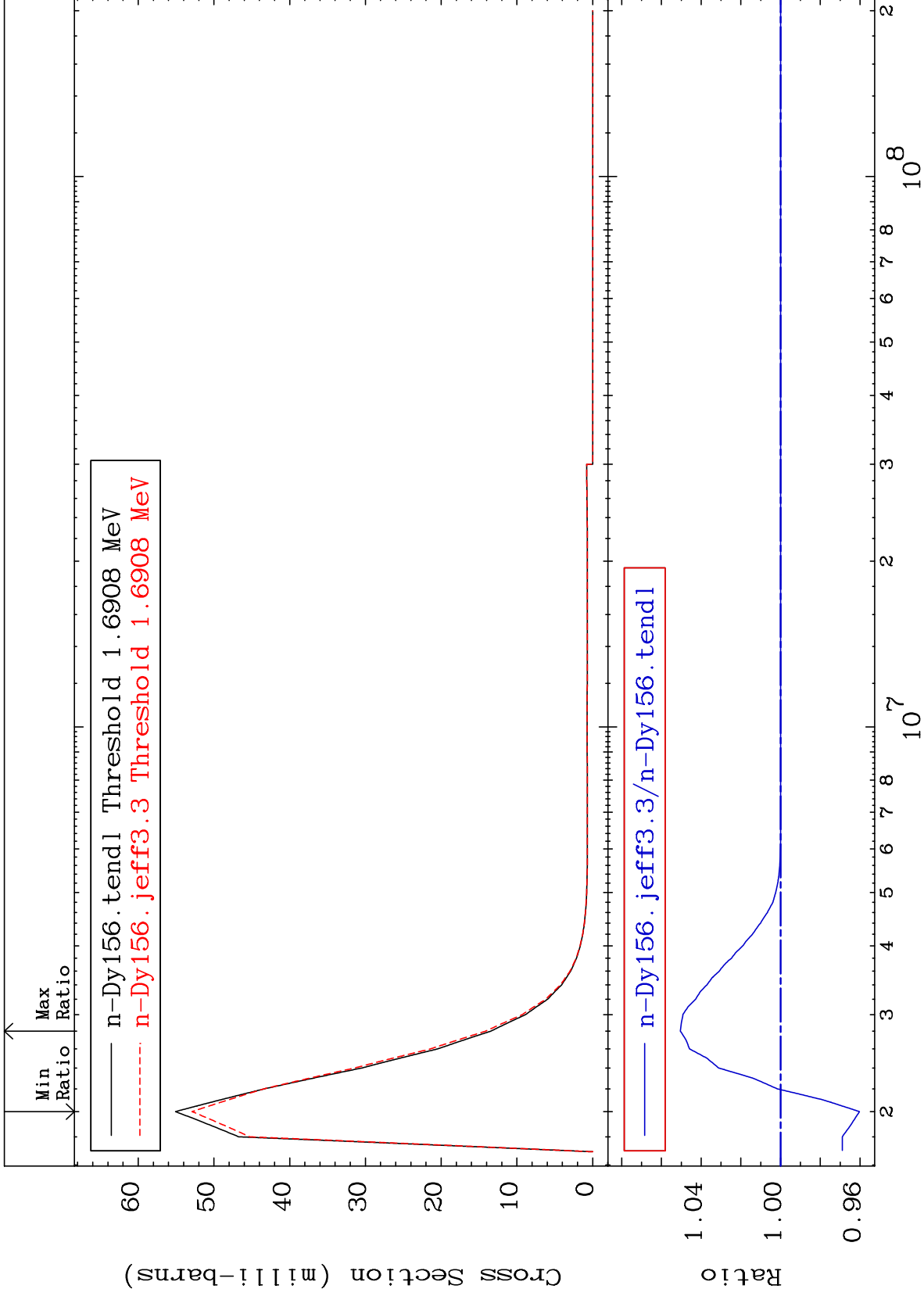


MAT 6625

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

66-Dy-156
-6.610 To 3.371 %

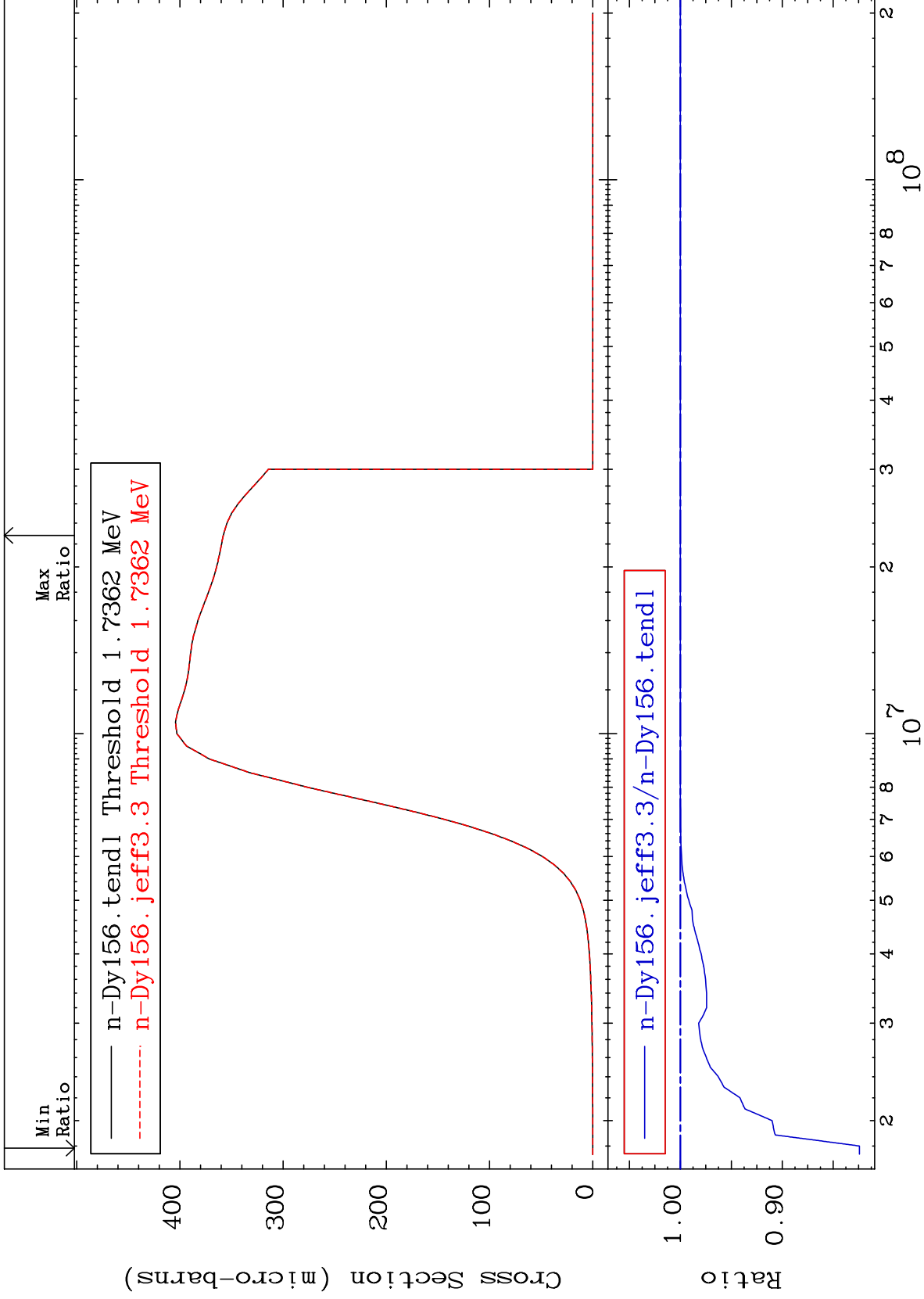


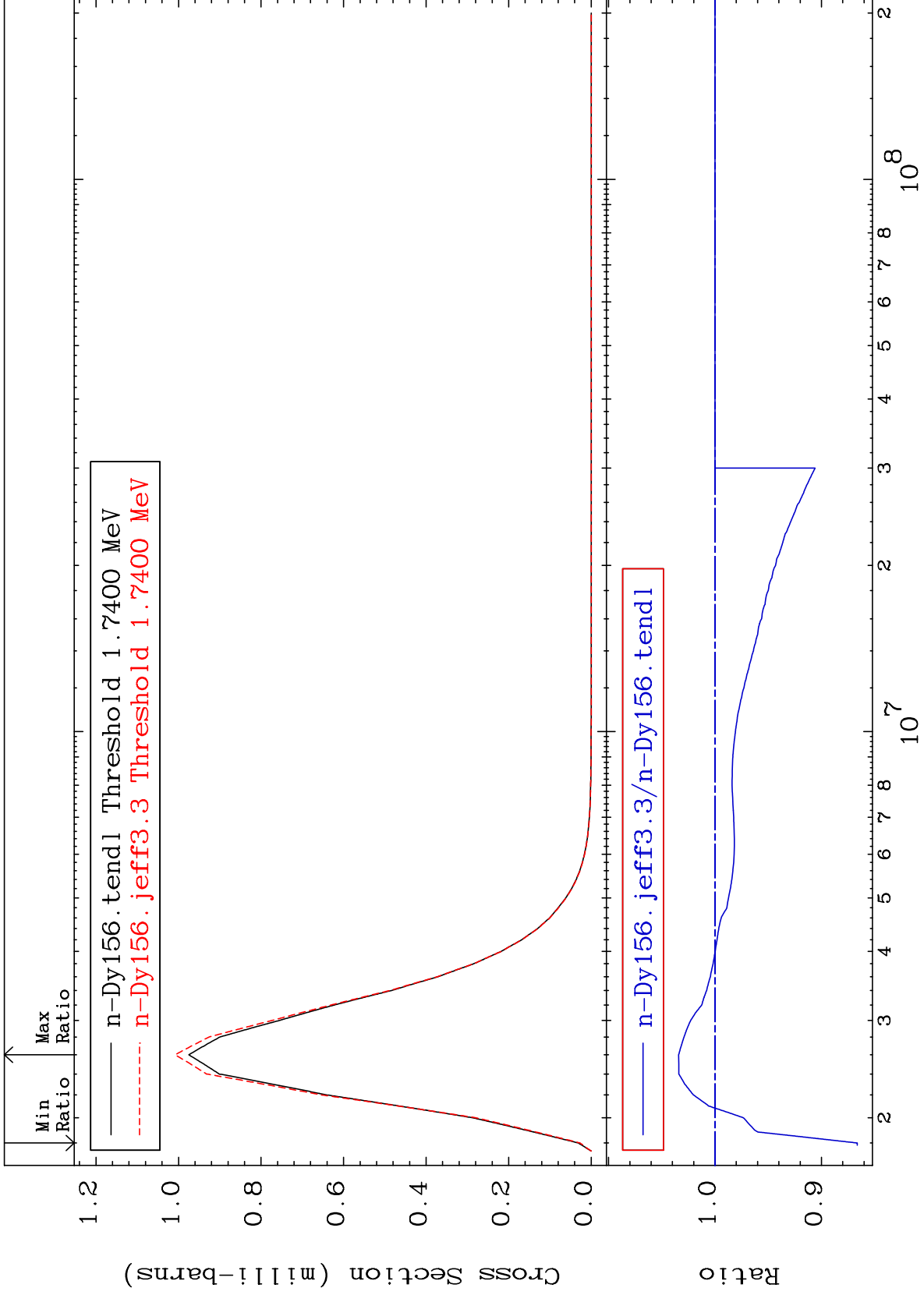


MAT 6625

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

66-Dy-156
-17.57 To 0.000 %

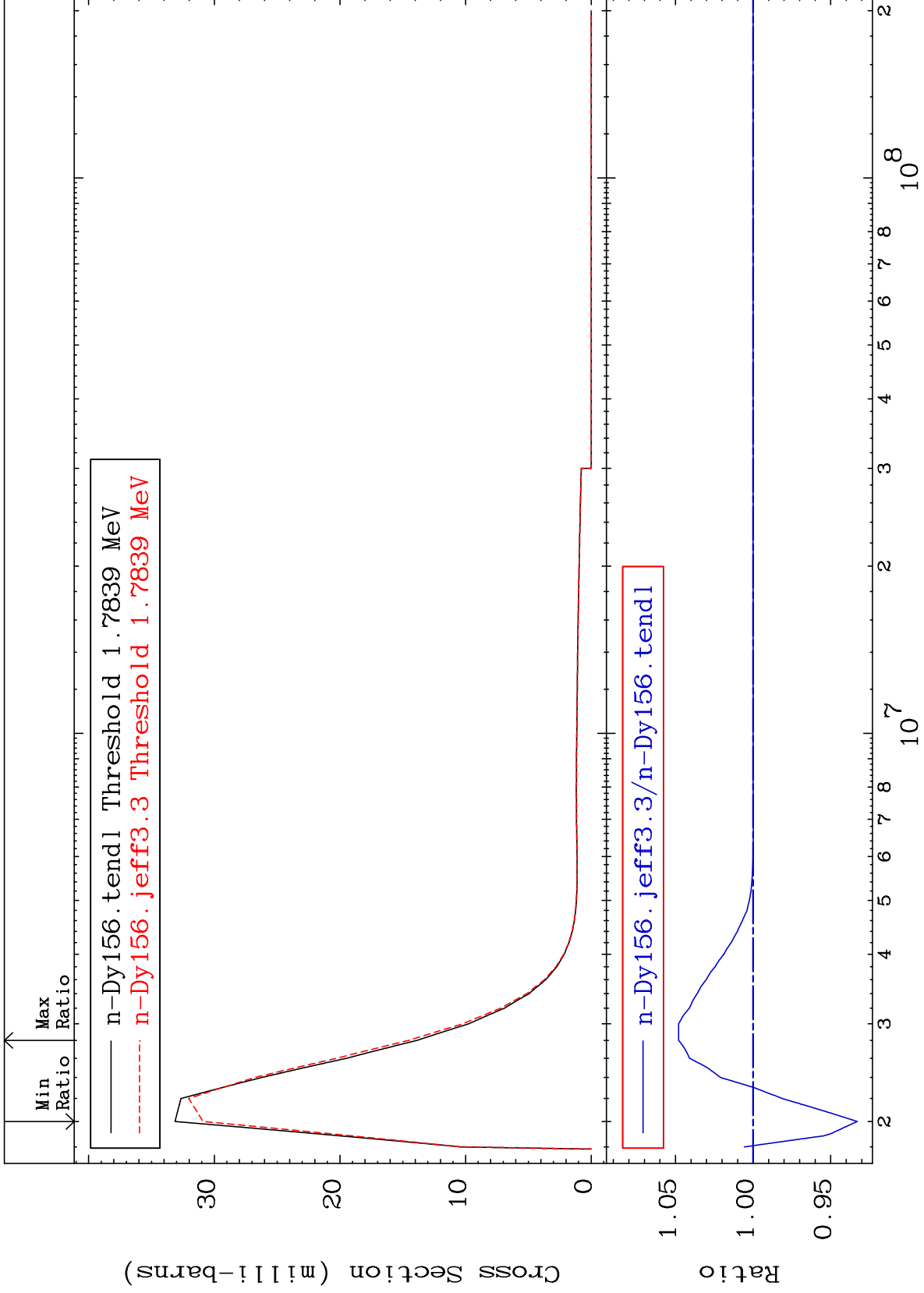


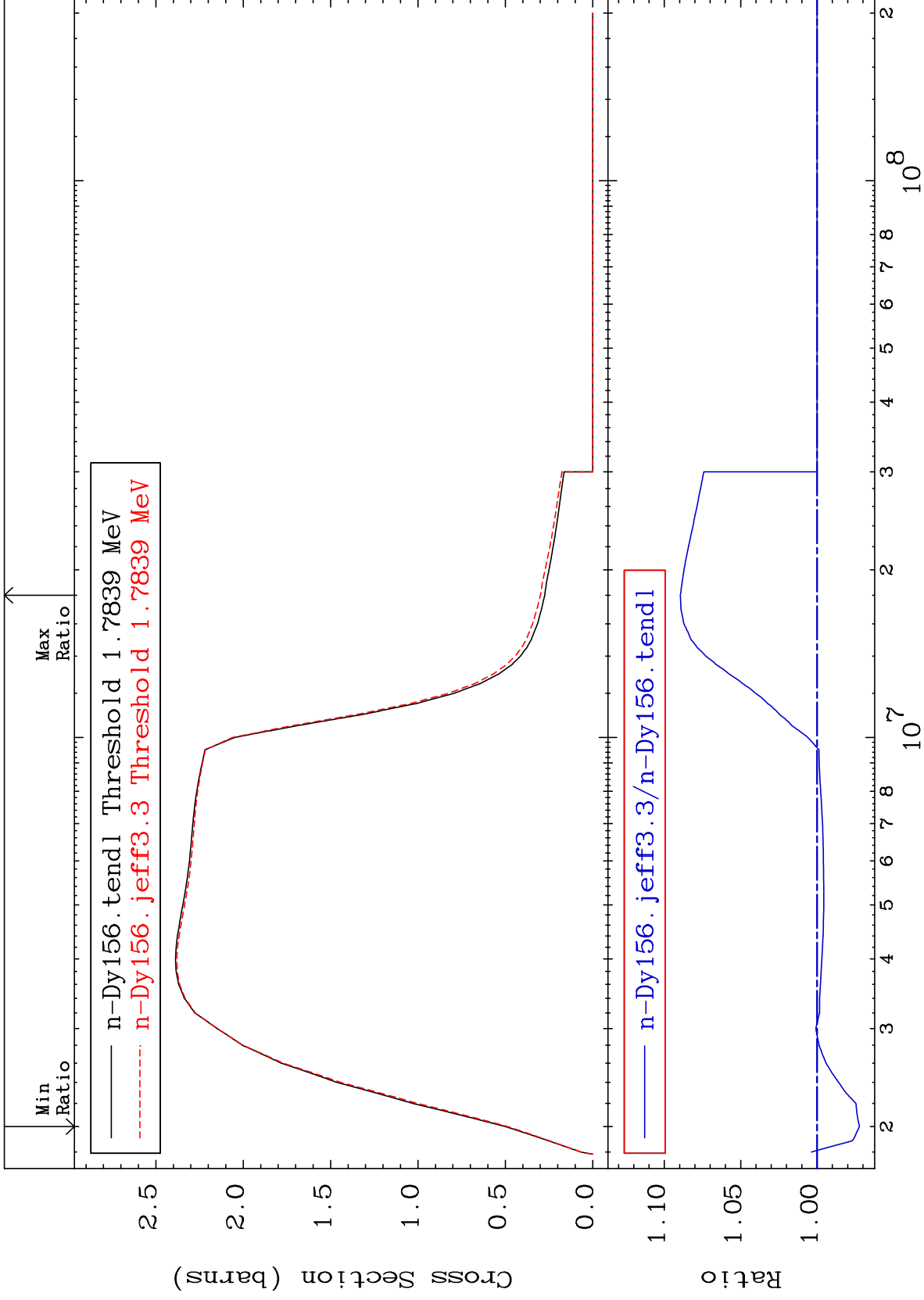


MAT 6625

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

66-Dy-156
-6.710 To 4.796 %

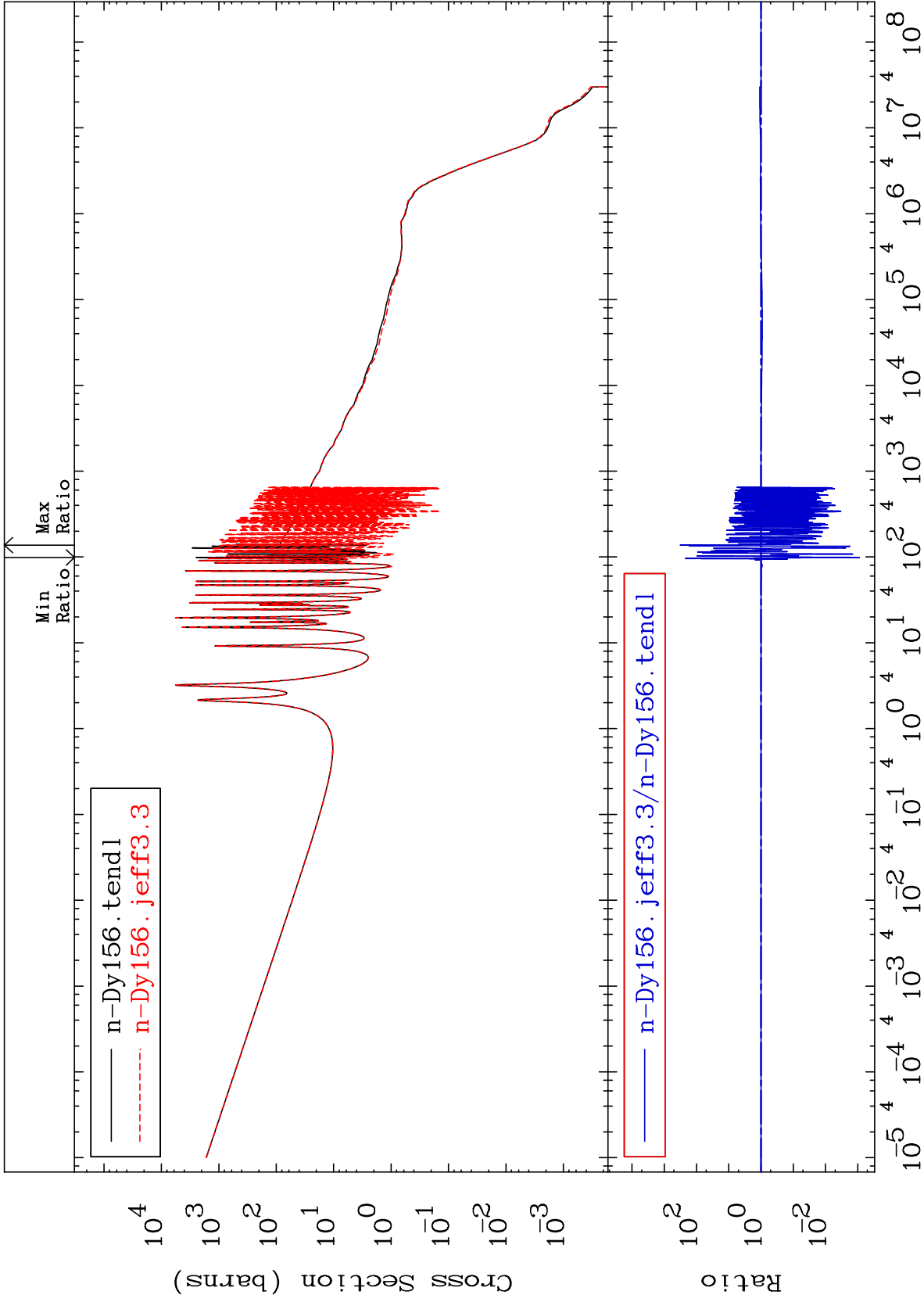




MAT 6625

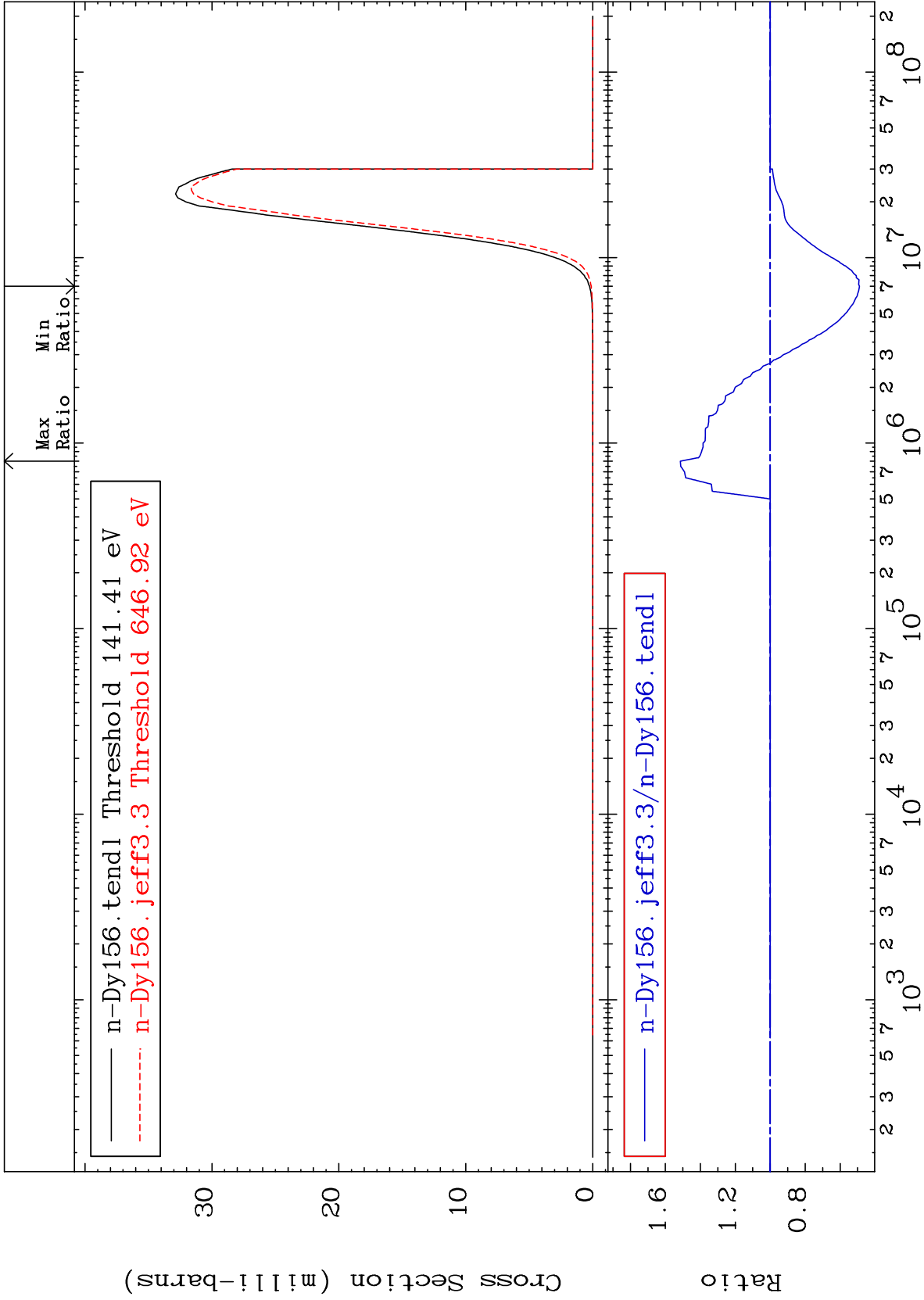
(n, γ)
Cross Section

66-Dy-156
-99.91 To 9999. %



Cross Section

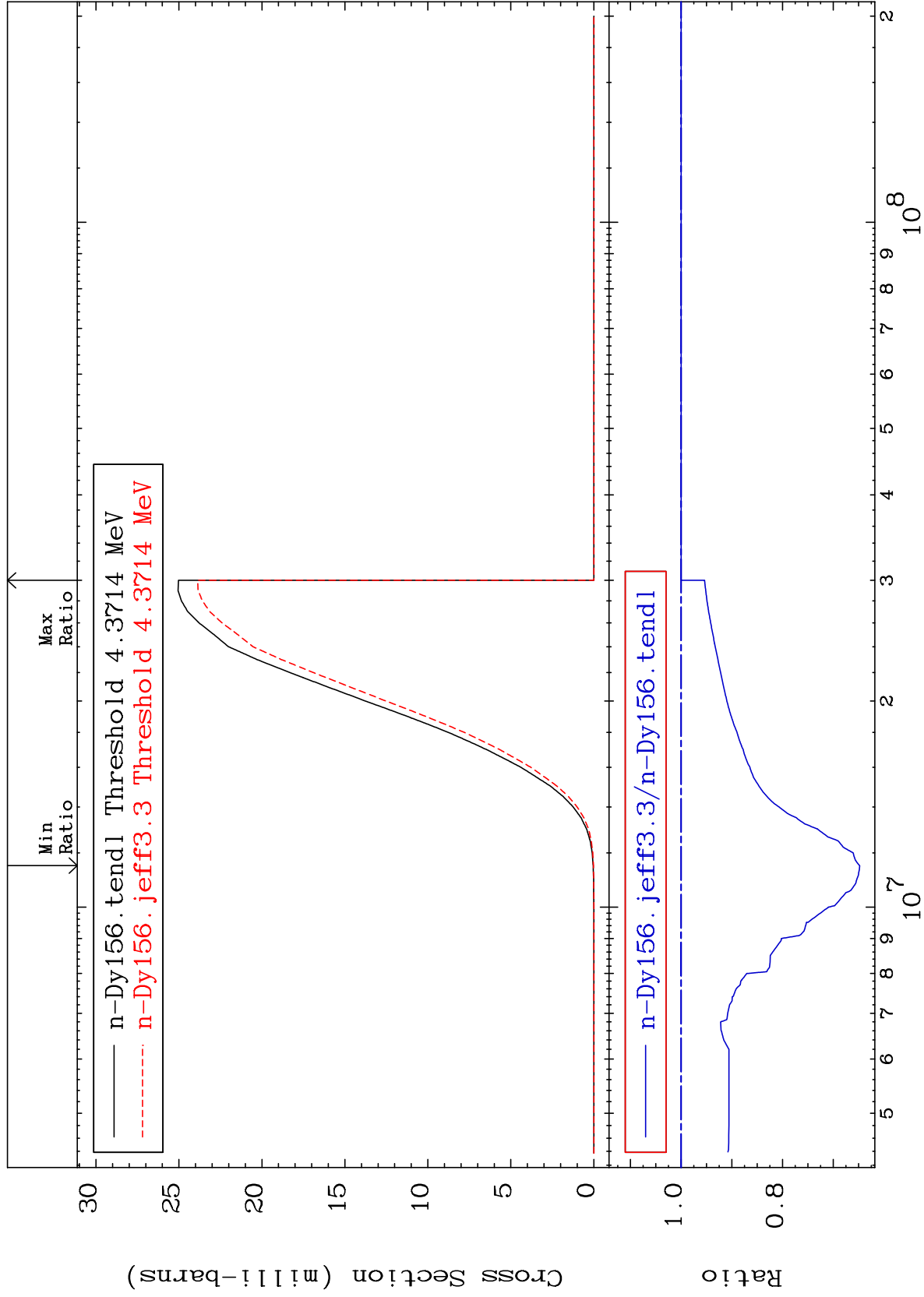
-51.03 To 51.43 %



MAT 6625

66-Dy-156

(n, d)
Cross Section
-35.19 To 0.000 %



55

Incident Energy (eV)

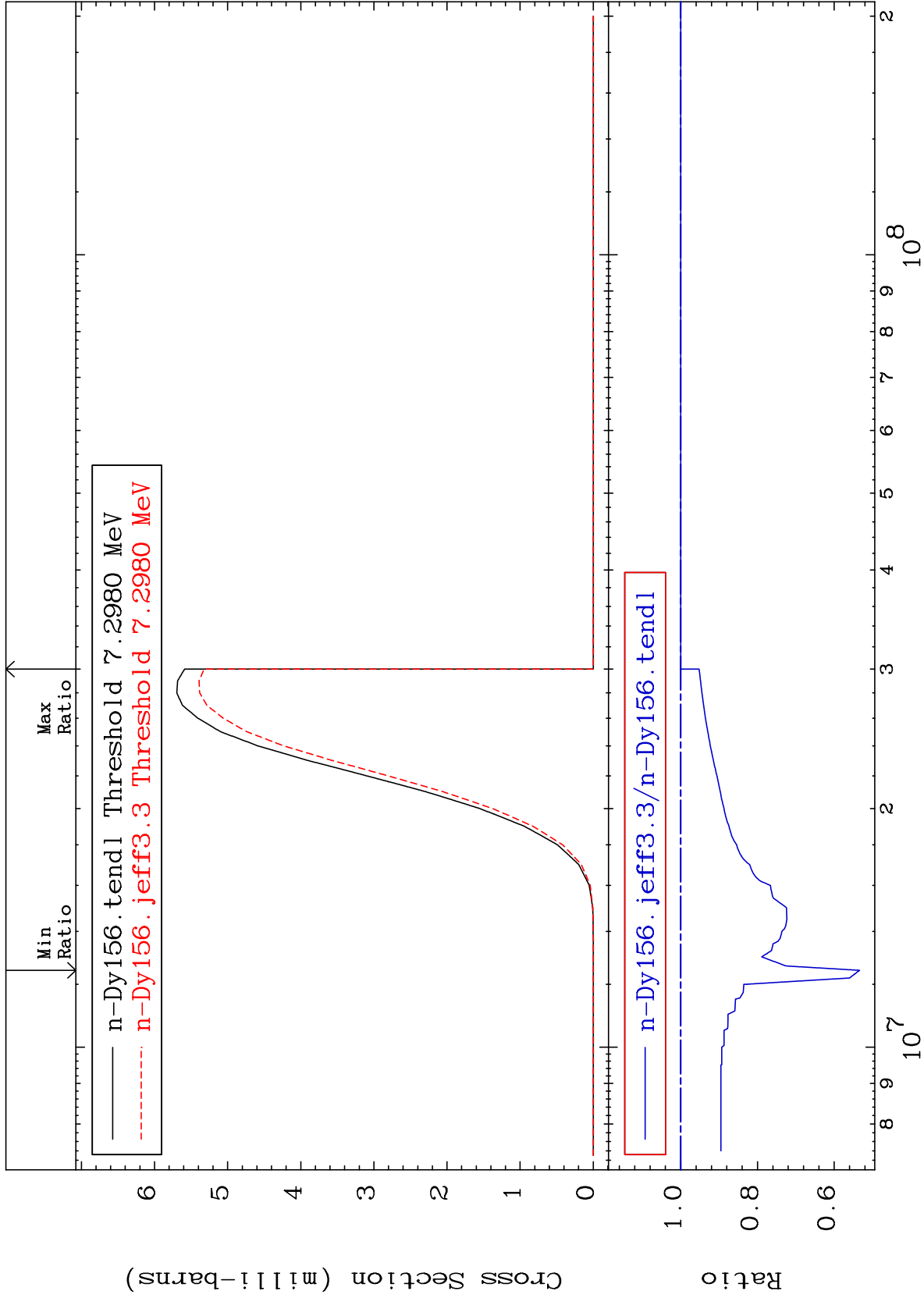
66-Dy-156

MAT 6625

66-Dy-156

-46.59 To 0.000 %

(n, t)
Cross Section



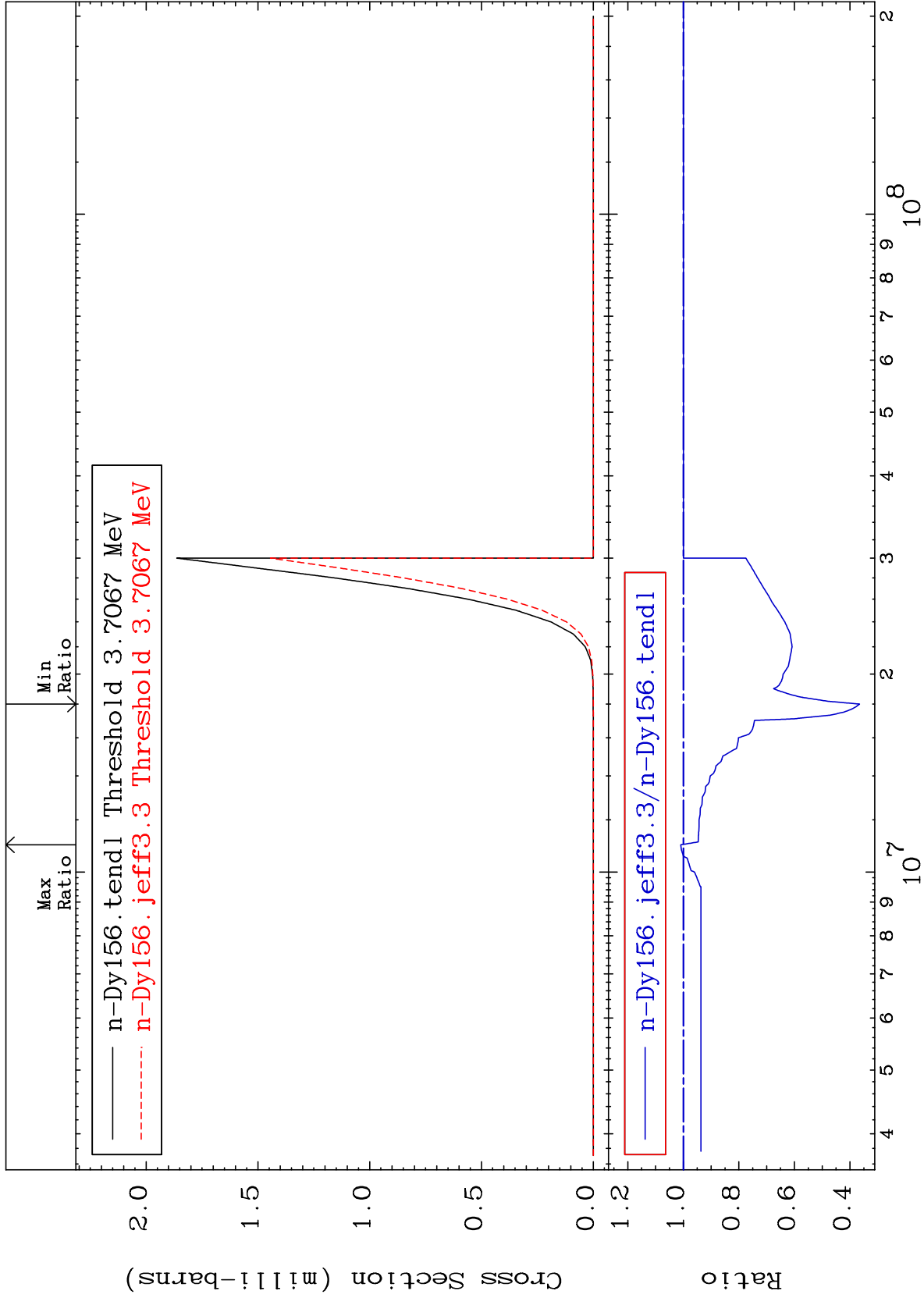
56

Incident Energy (eV)

66-Dy-156

Cross Section

-63.45 To 0.922 %



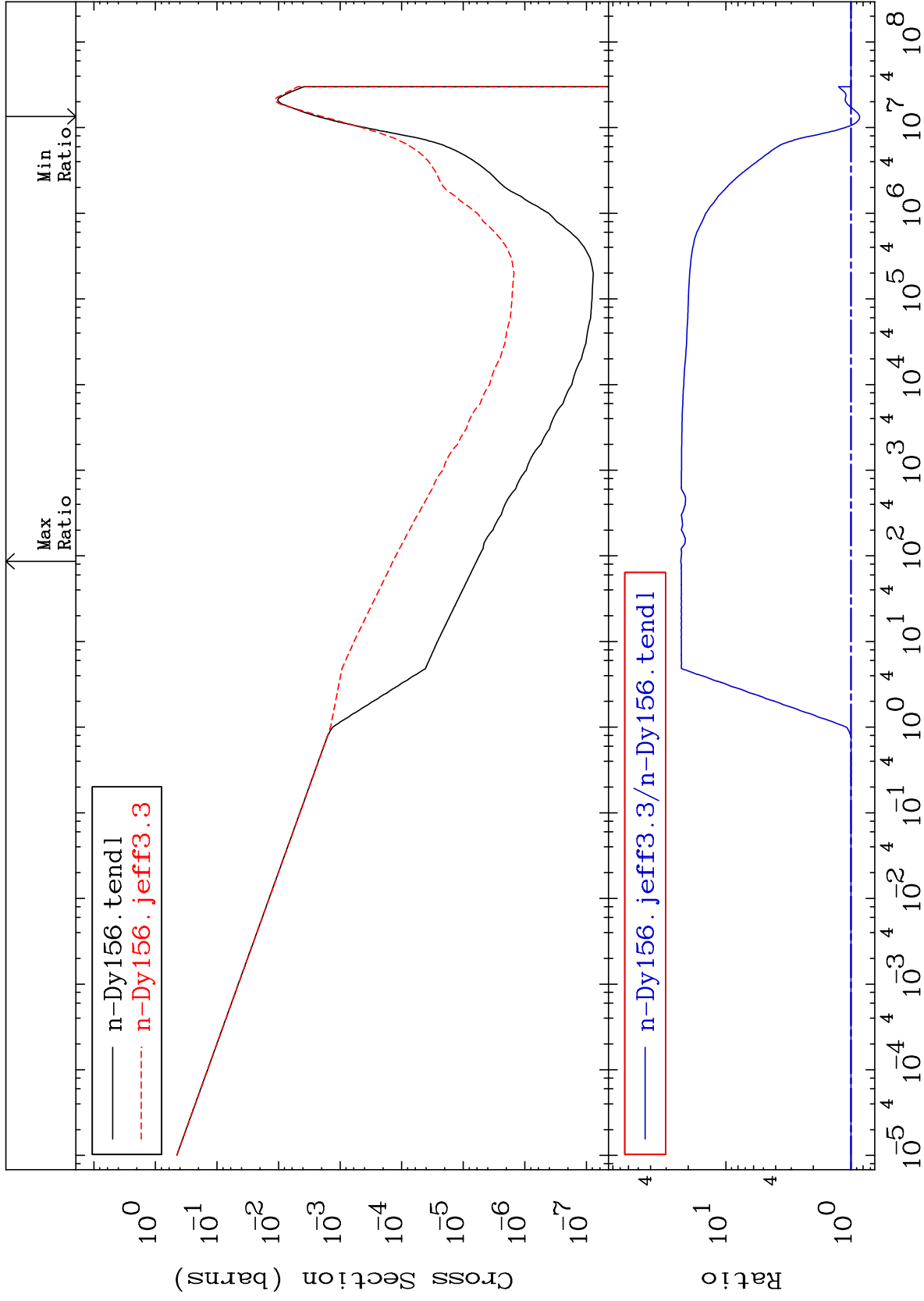
MAT 6625

(n, α)

66-Dy-156

Cross Section

-14.70 To 2191. %



Incident Energy (eV)

66-Dy-156

58

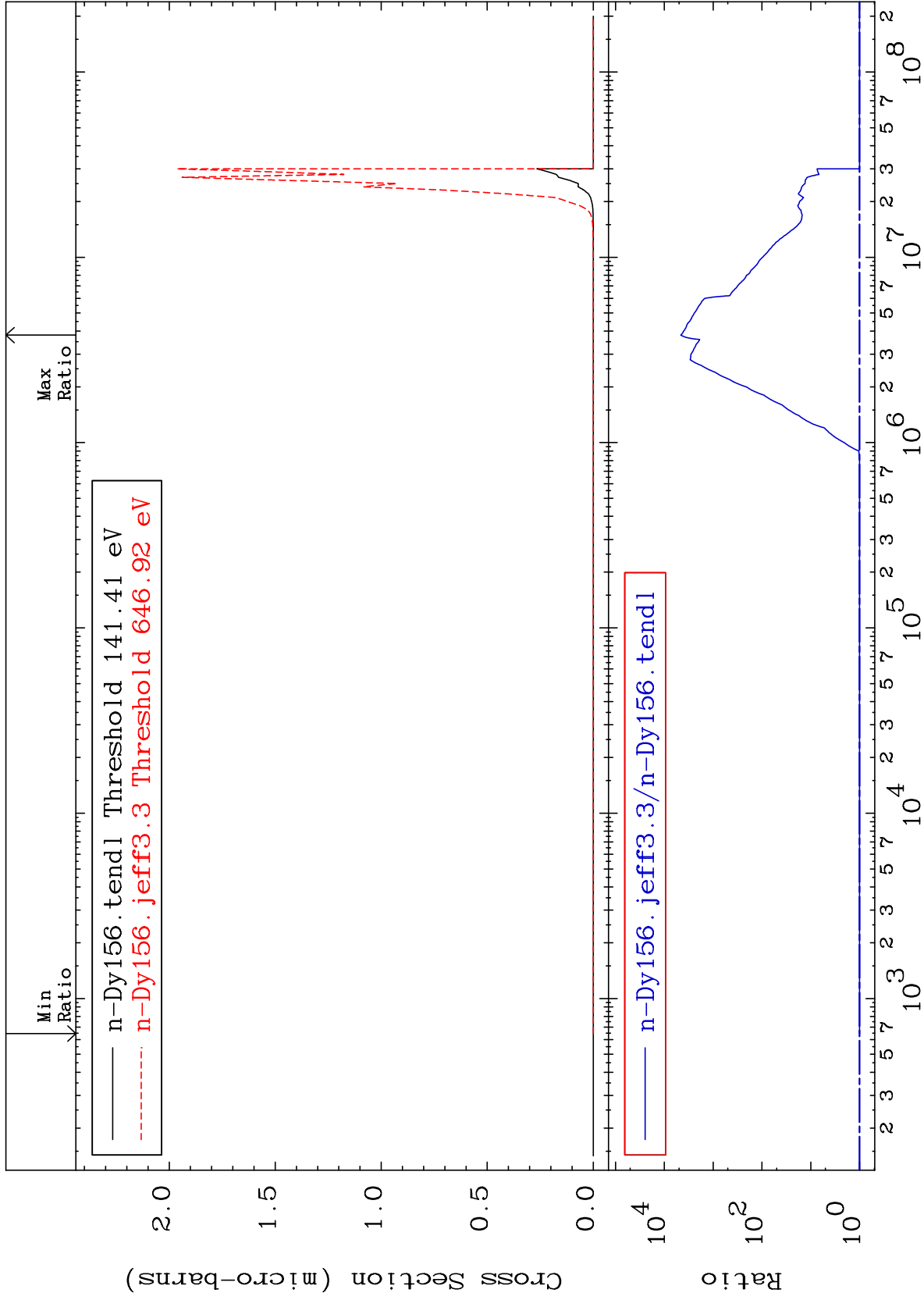
MAT 6625

(n,2α)

66-Dy-156

Cross Section

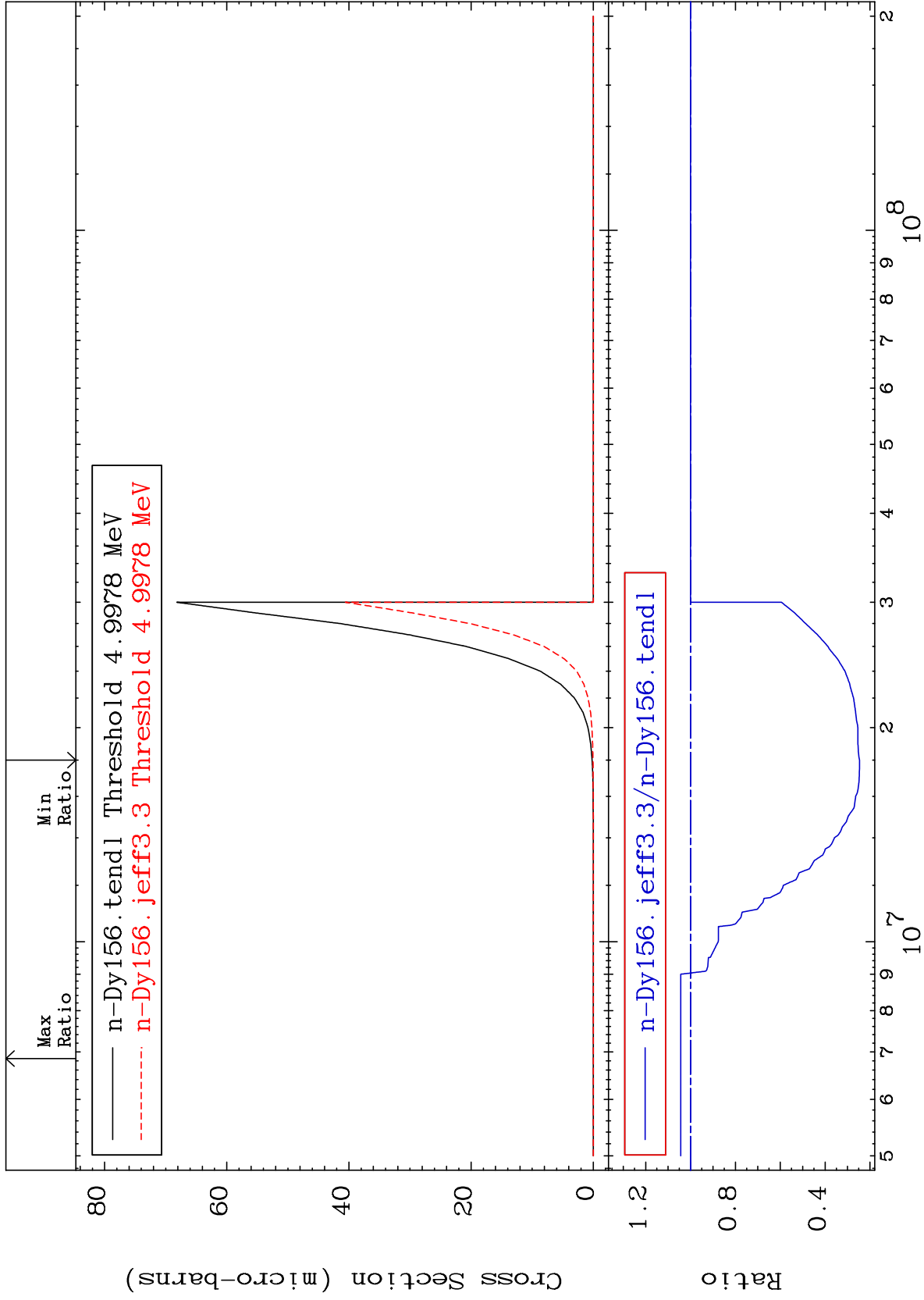
To 9999. %



MAT 6625

(n,2p)
Cross Section

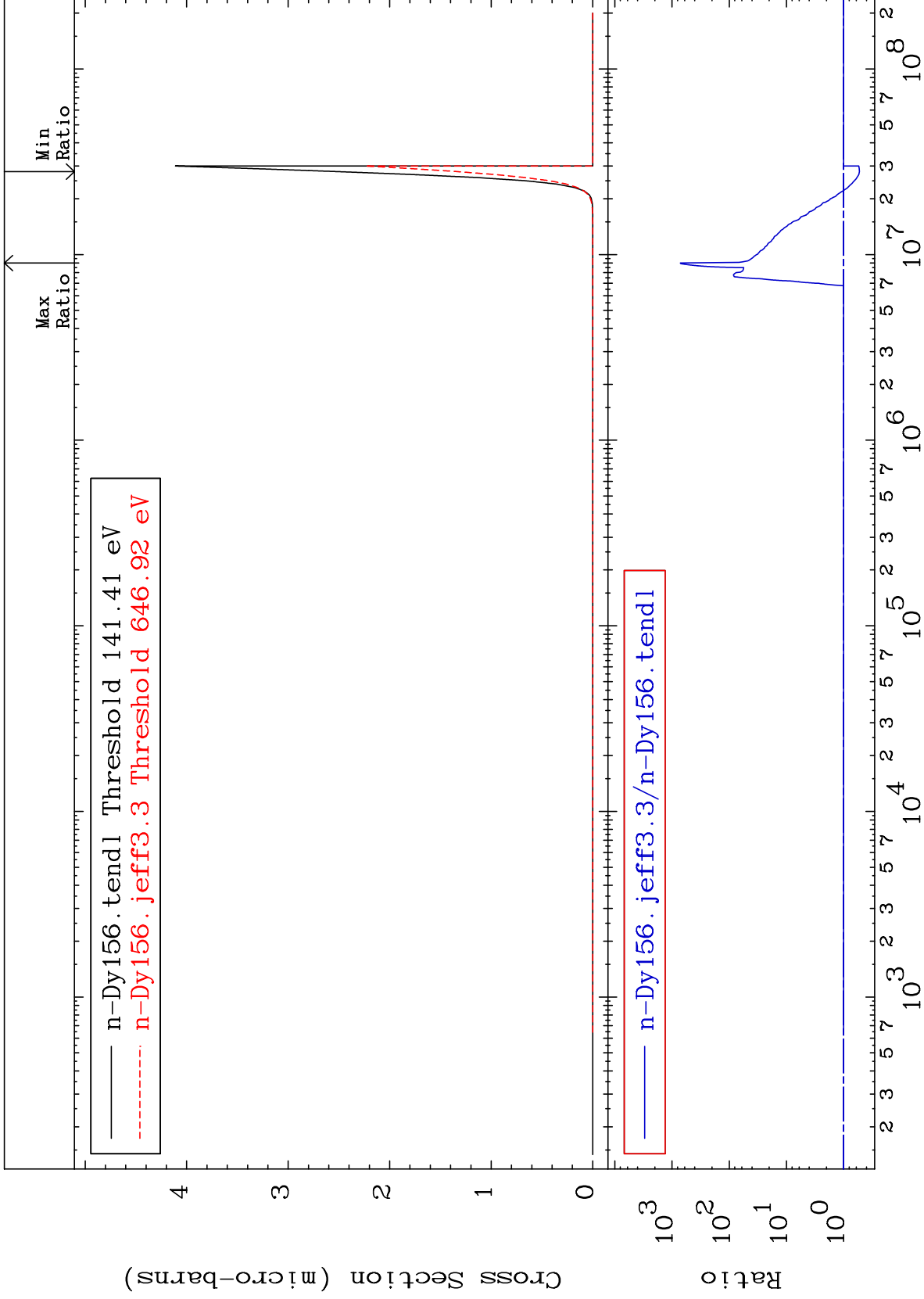
66-Dy-156
-75.34 To 4.352 %



60

66-Dy-156

66-Dy-156



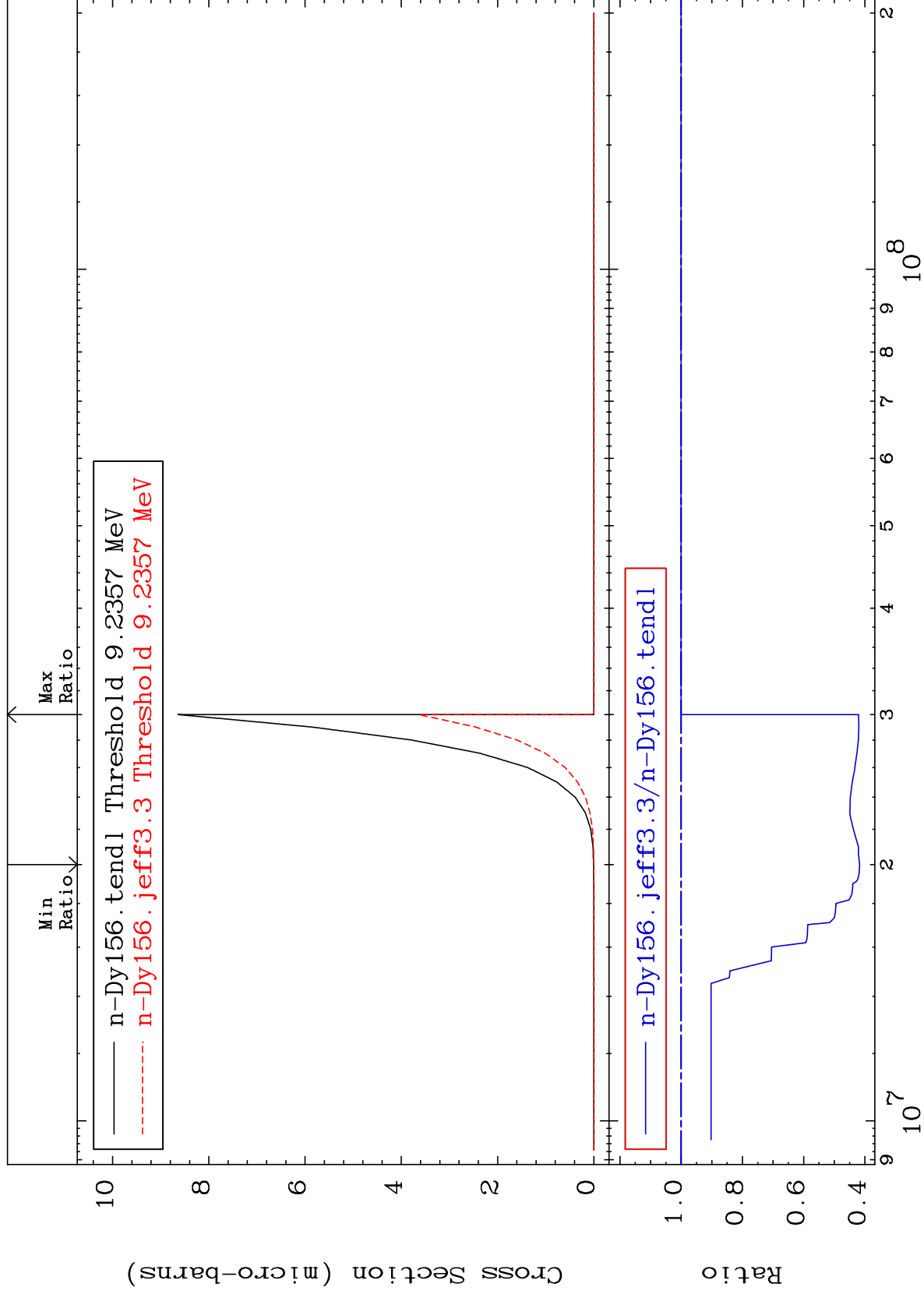
MAT 6625

(n, p) d

66-Dy-156

Cross Section

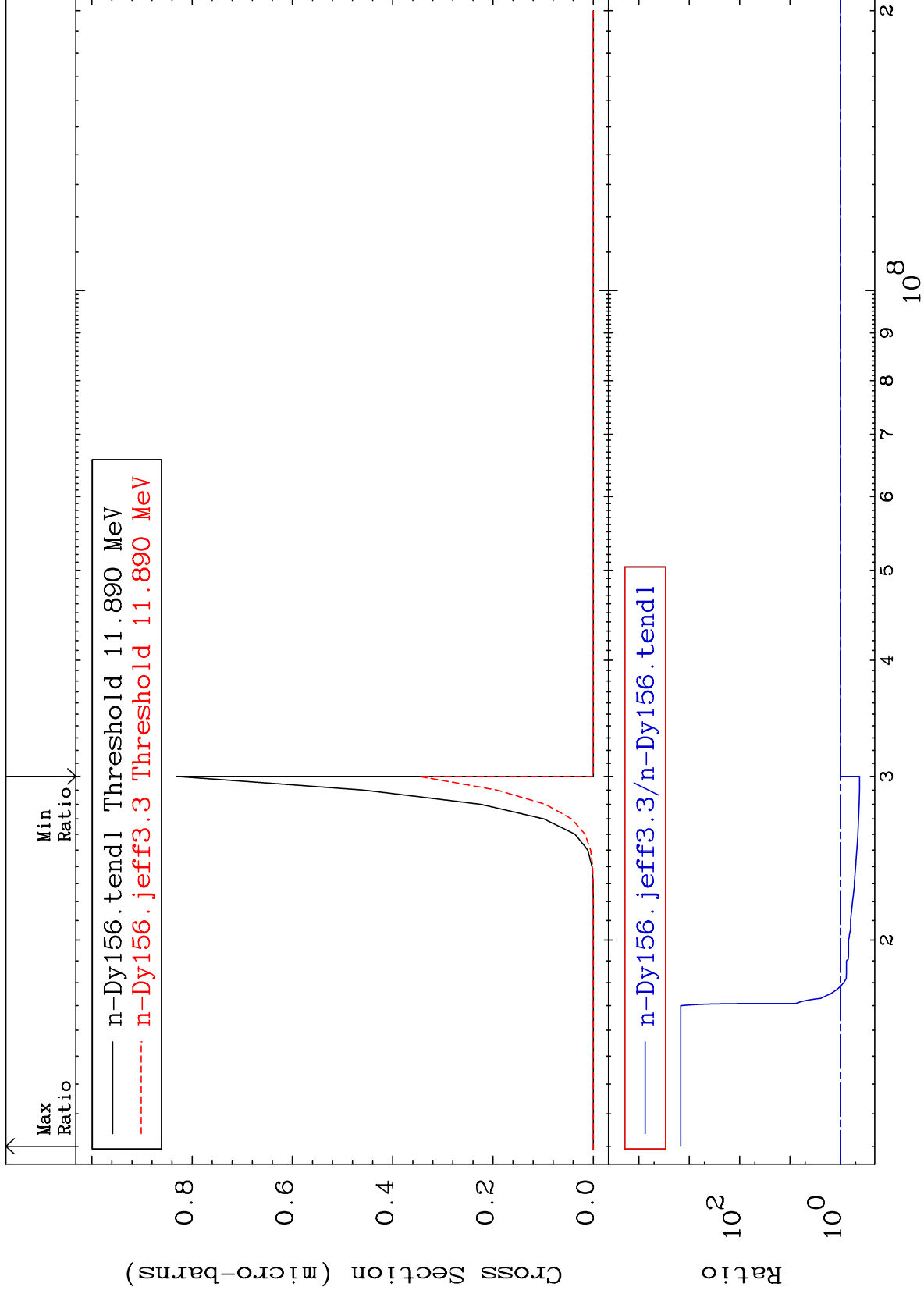
-58.28 To 0.000 %



62

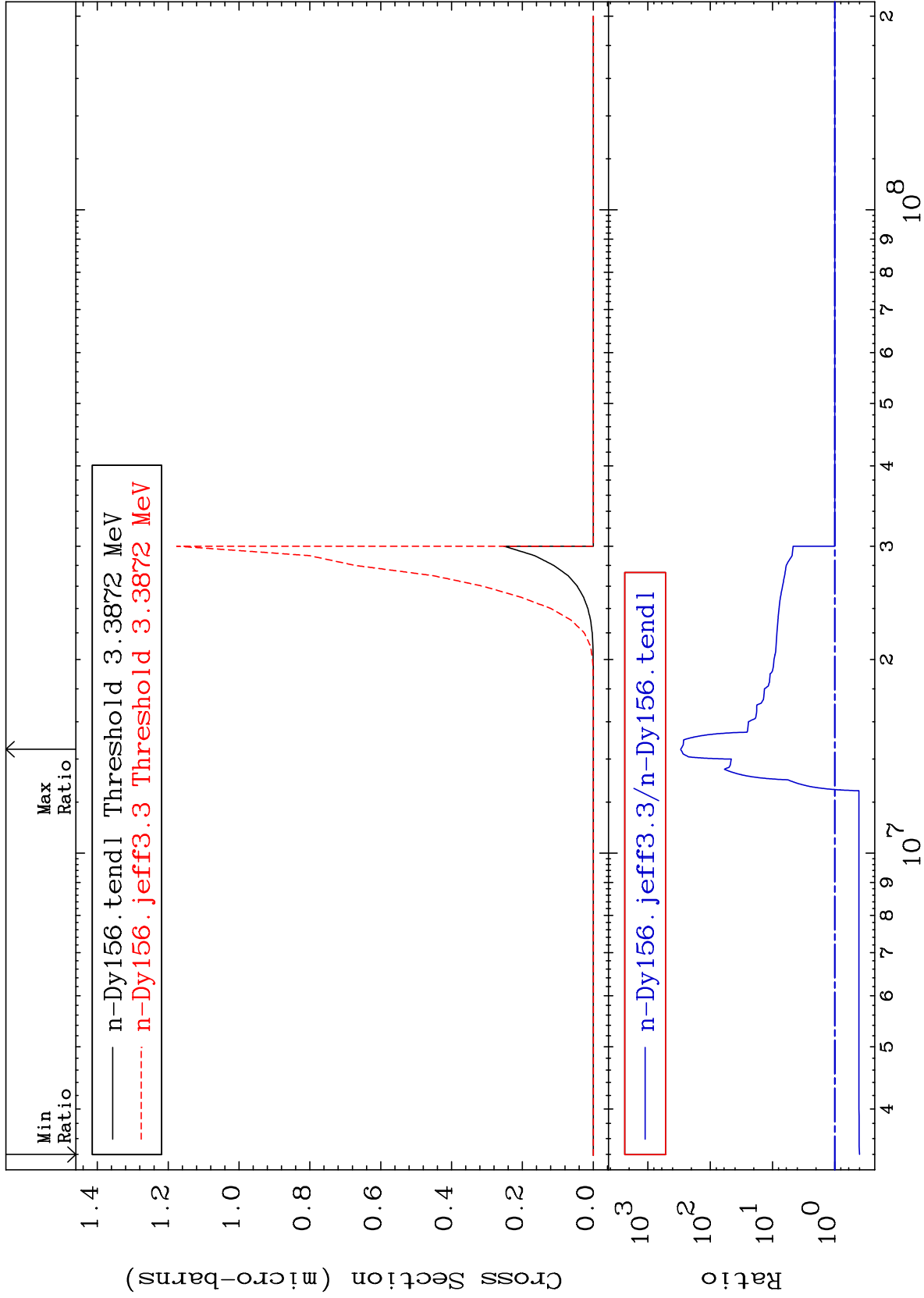
Incident Energy (eV)

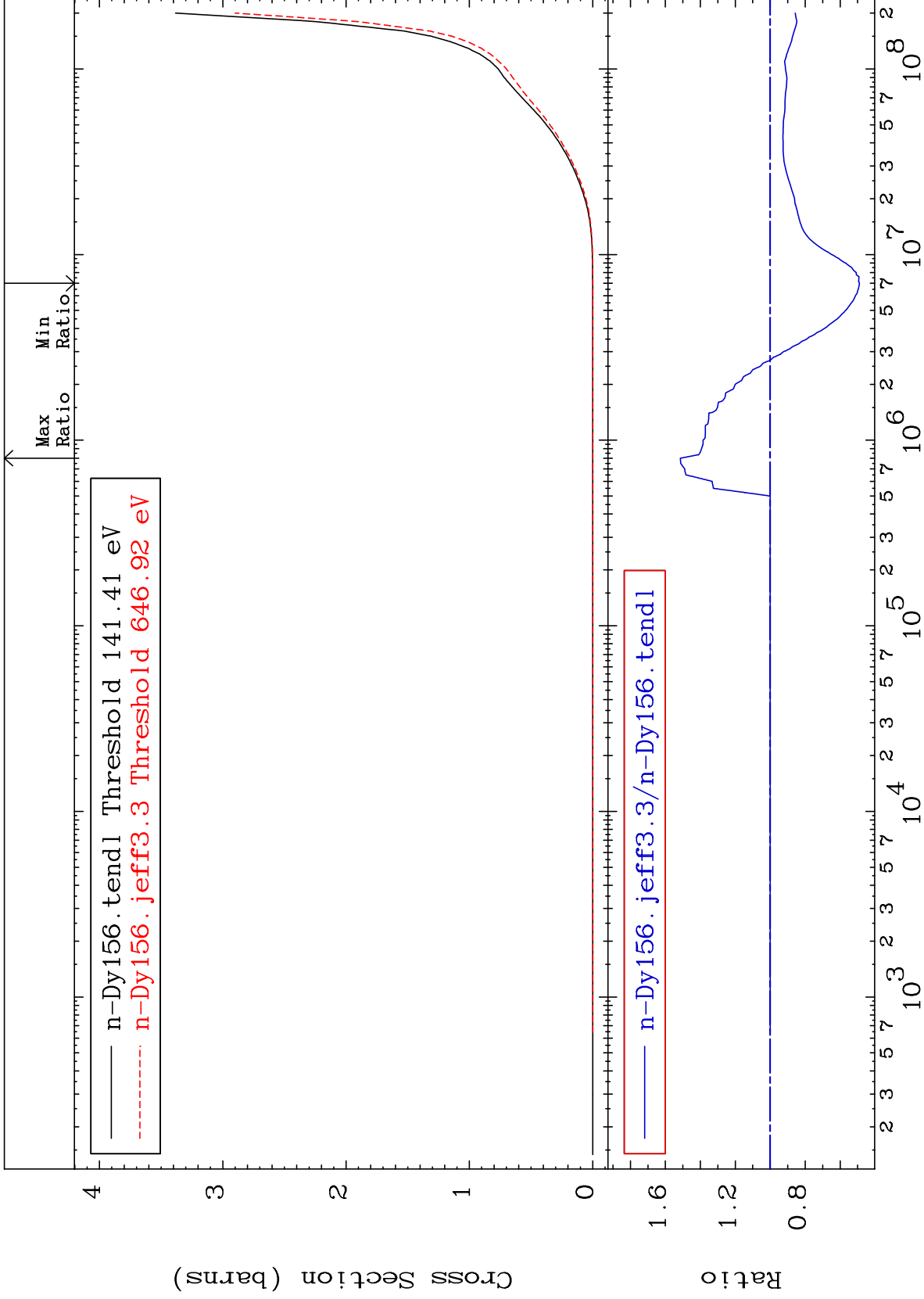
66-Dy-156



Cross Section

-59.94 To 9999. %

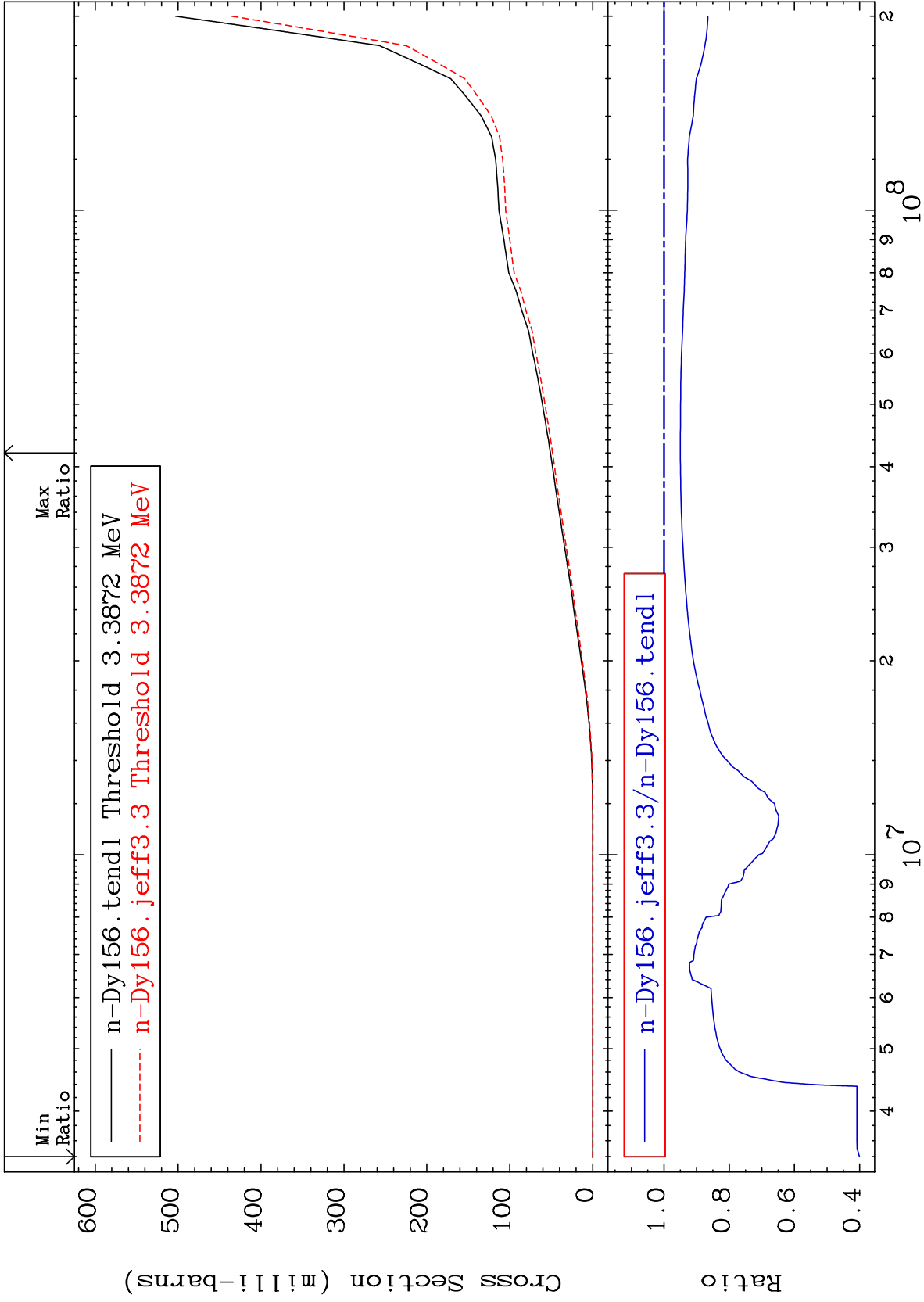




MAT 6625

Deuterium Production
Cross Section

66-Dy-156
-59.94 To -5.009%



66

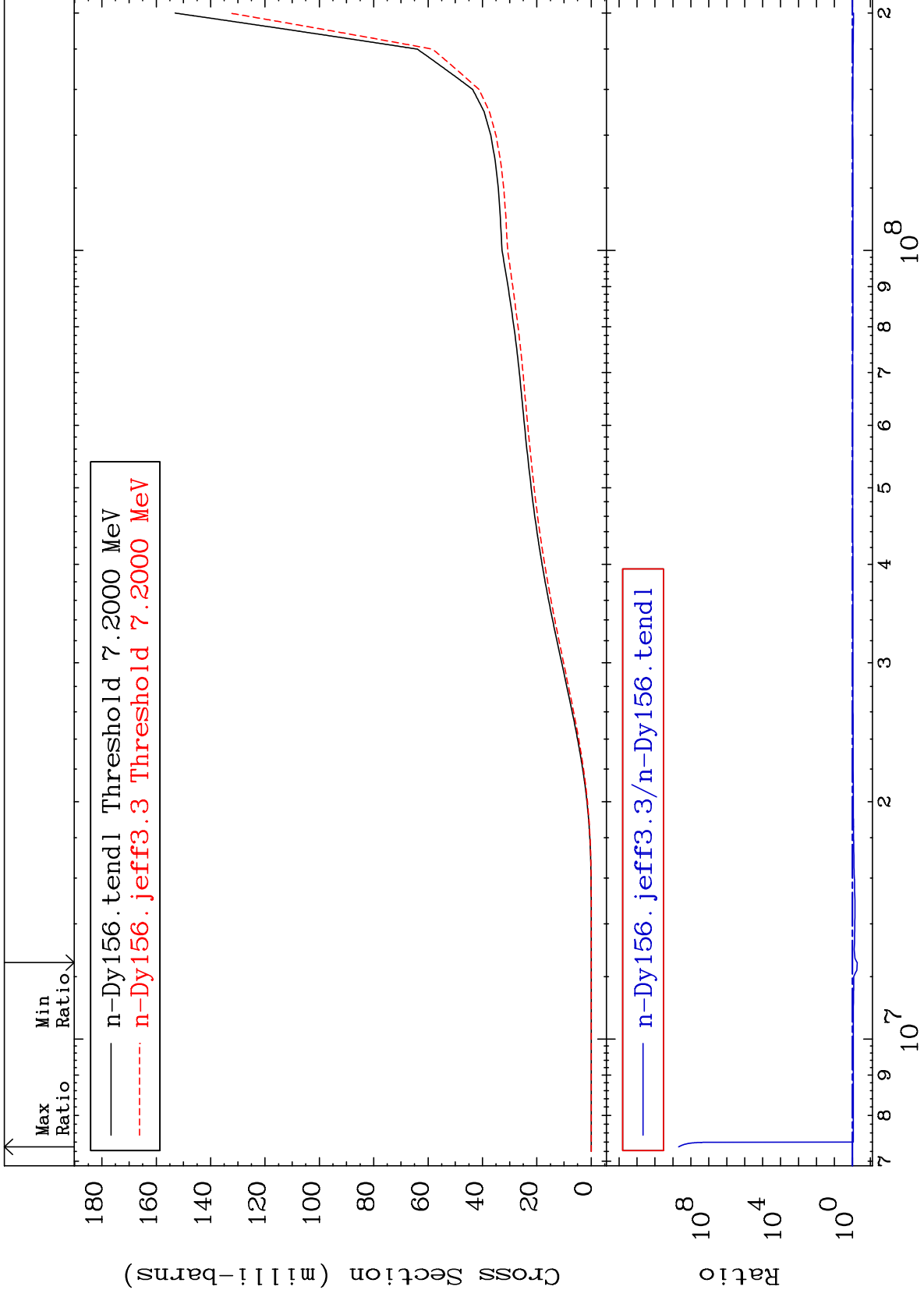
Incident Energy (eV)

66-Dy-156

MAT 6625

Tritium Production
Cross Section

66-Dy-156
-46.59 To 9999. %



67

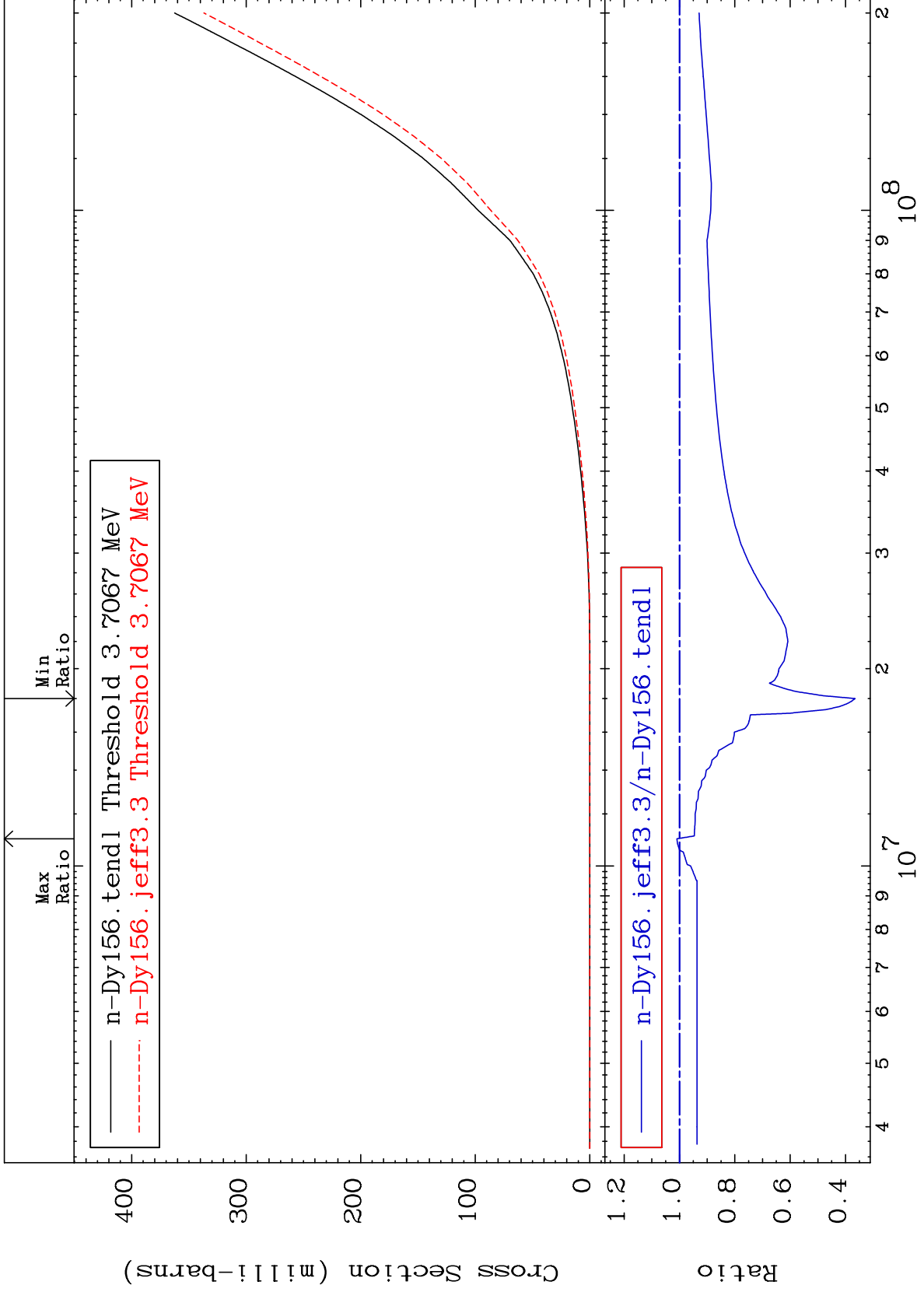
Incident Energy (eV)

66-Dy-156

MAT 6625

He-3 Production
Cross Section

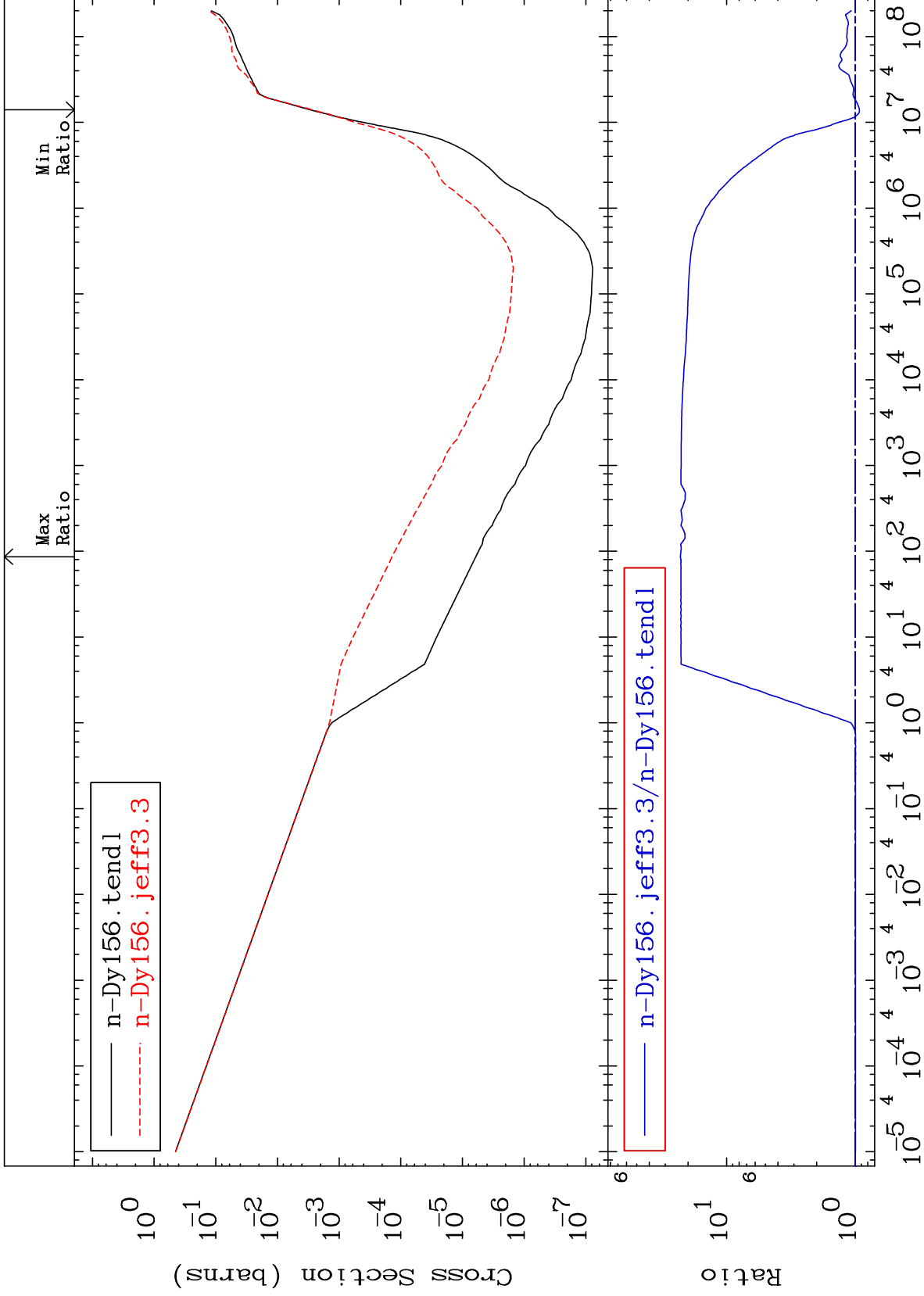
66-Dy-156
-63.45 To 0.922 %



MAT 6625

He-4 Production
Cross Section

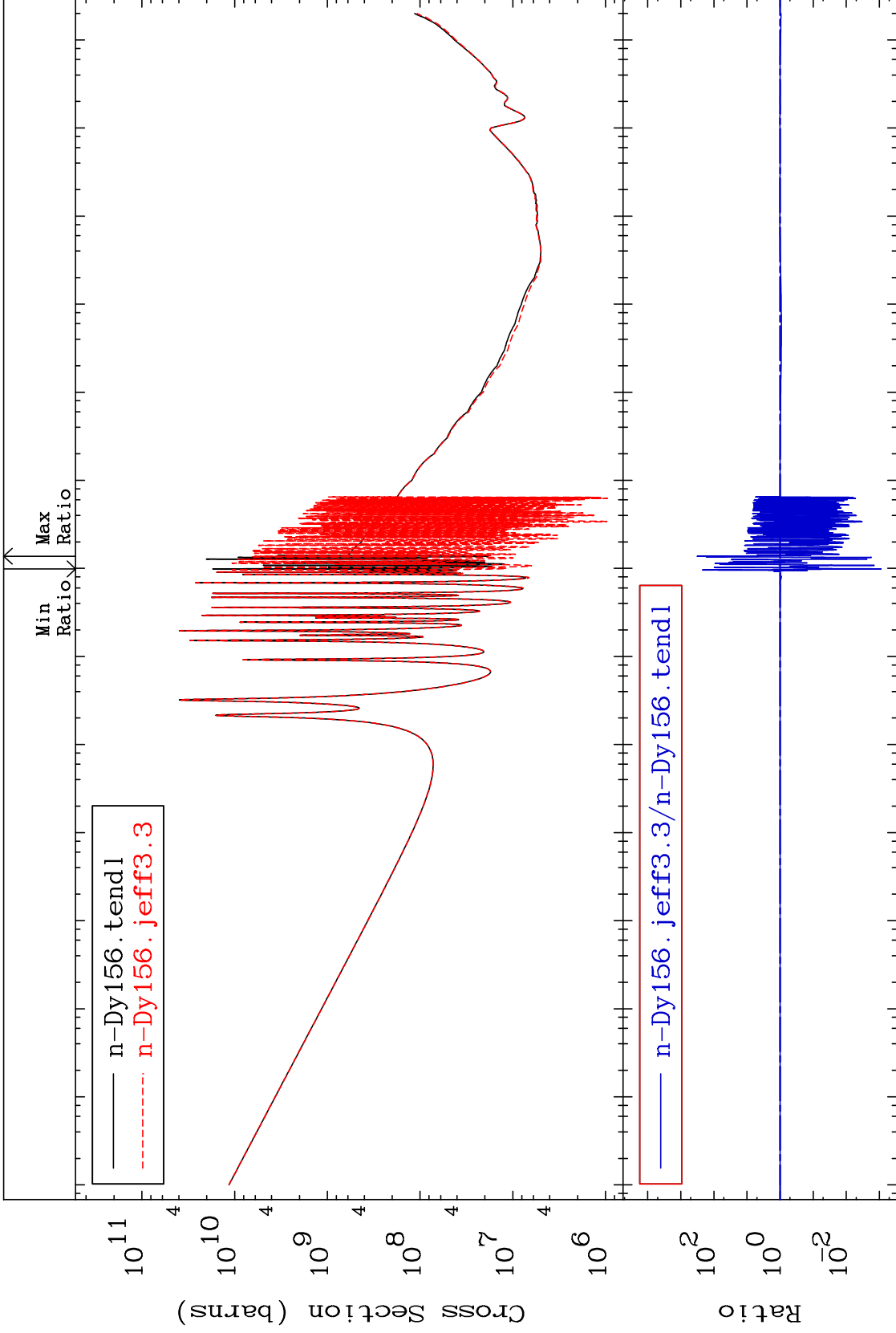
66-Dy-156
-7.071 To 2191. %



69

Incident Energy (eV)

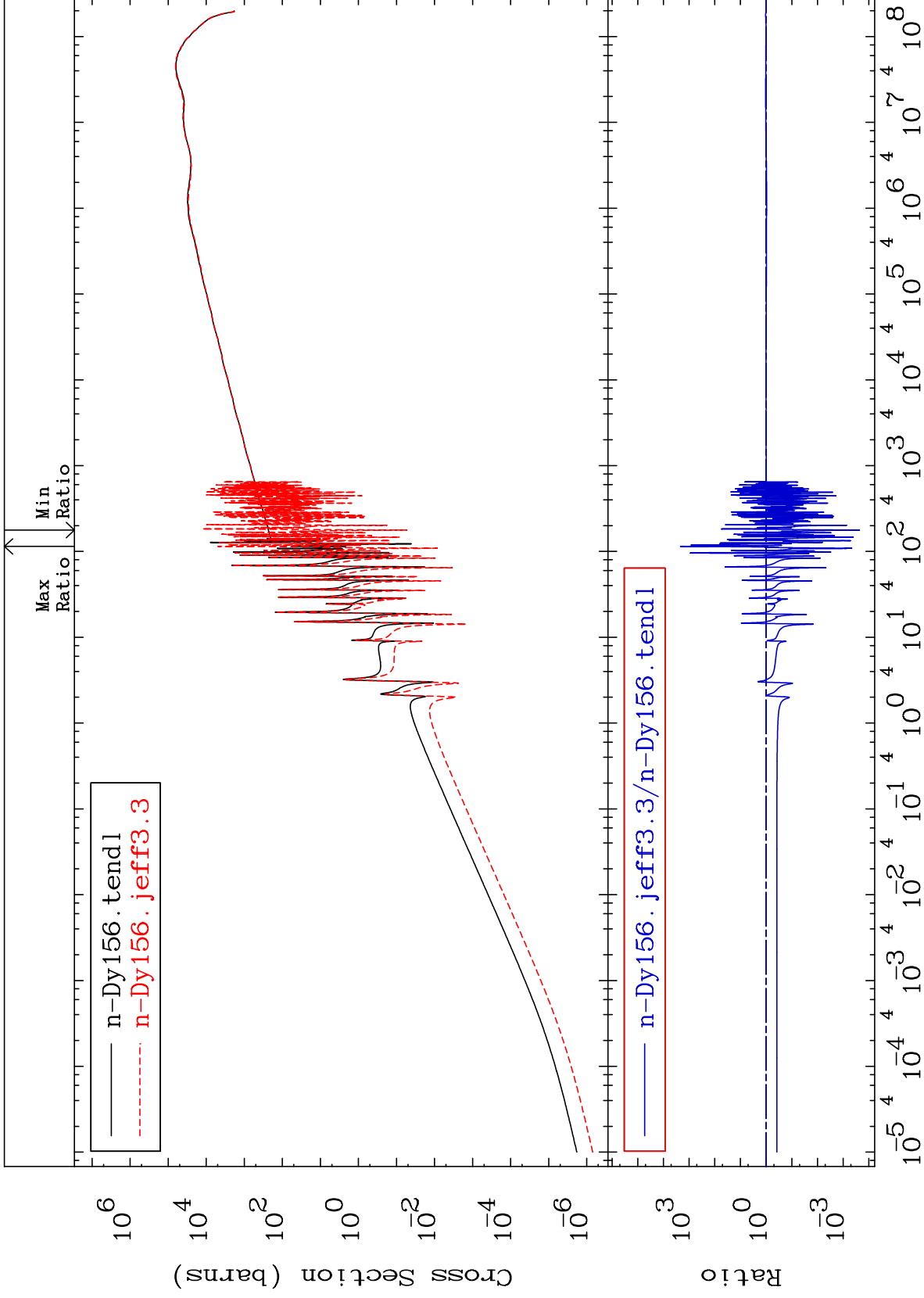
66-Dy-156

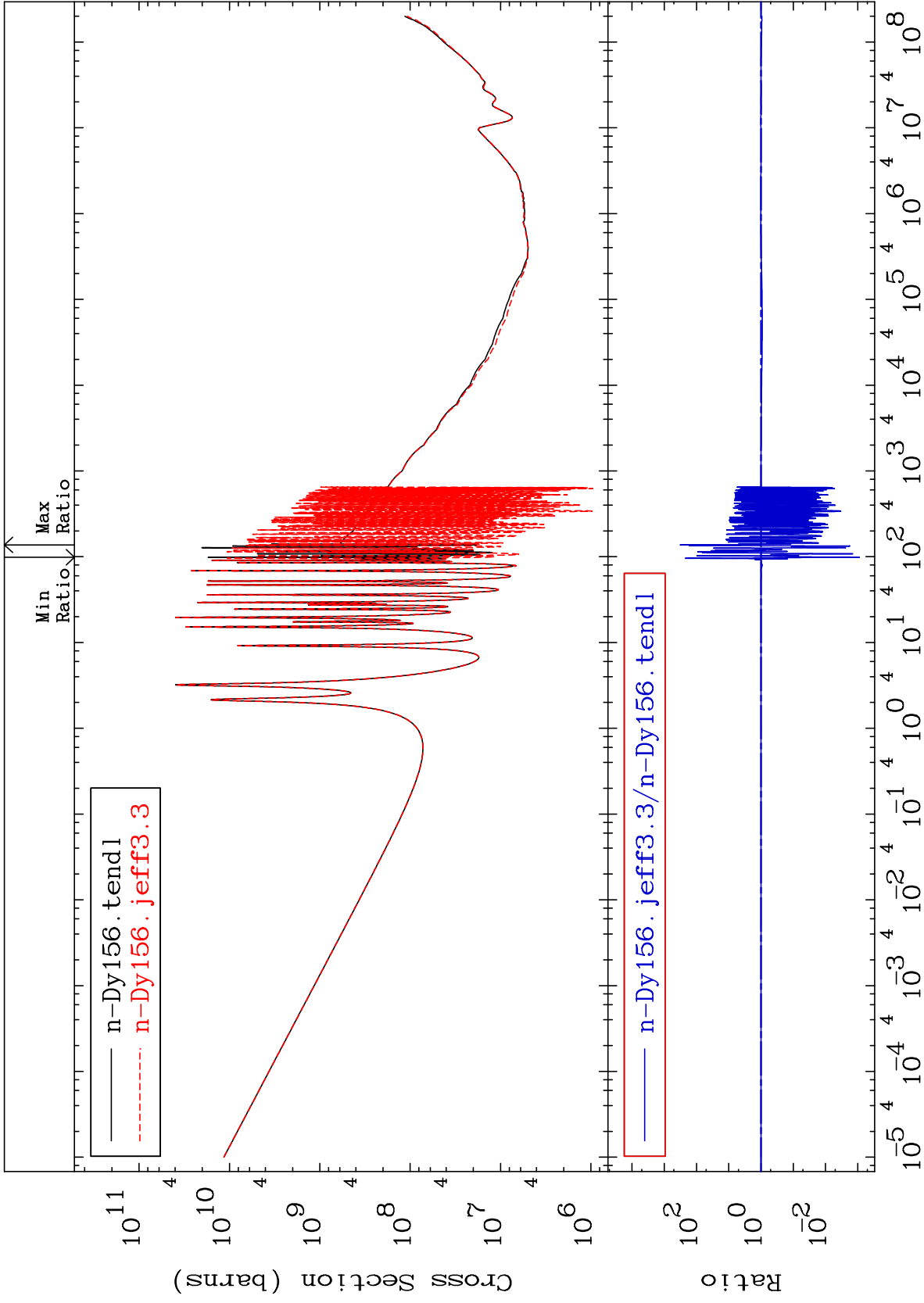


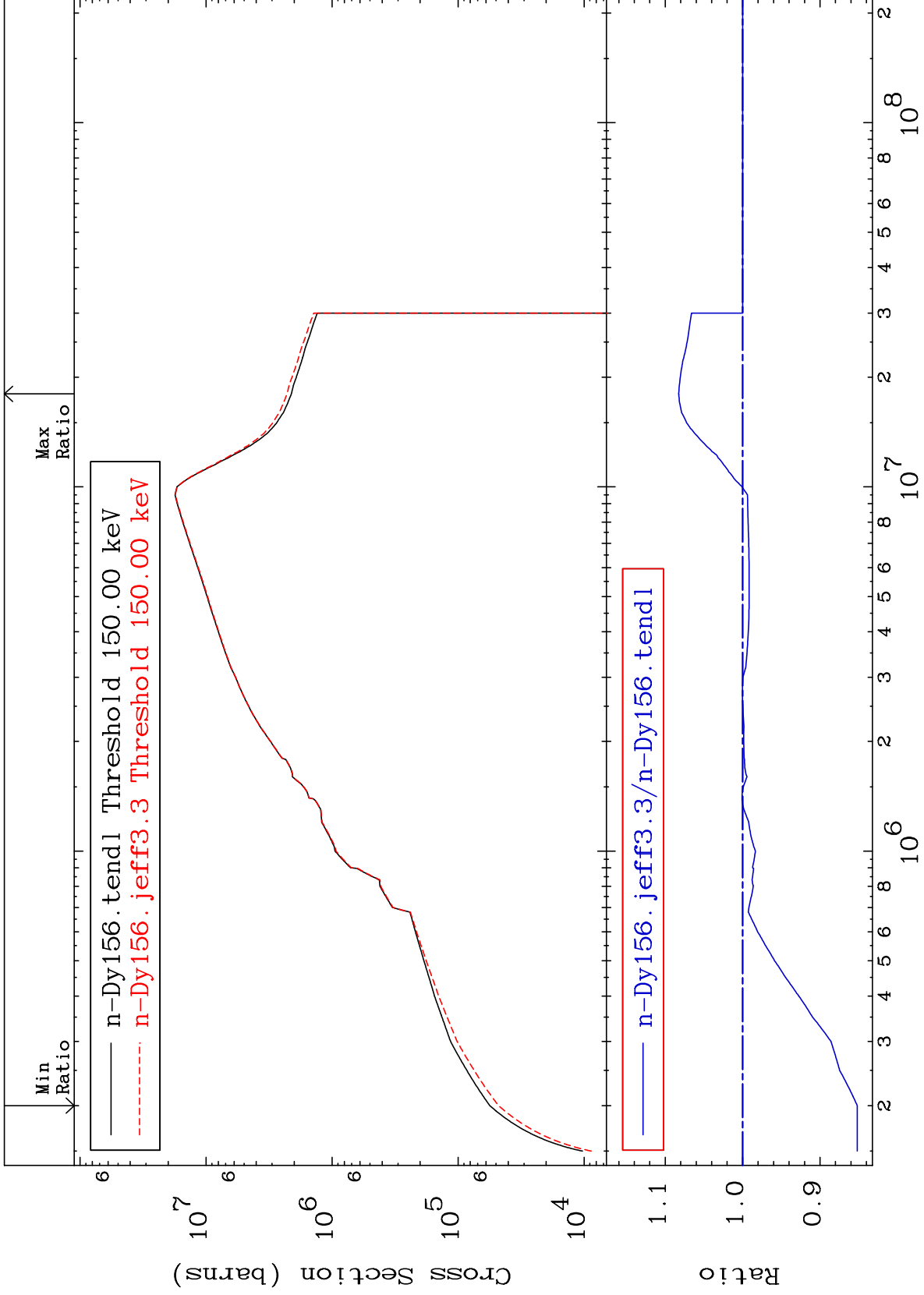
MAT 6625

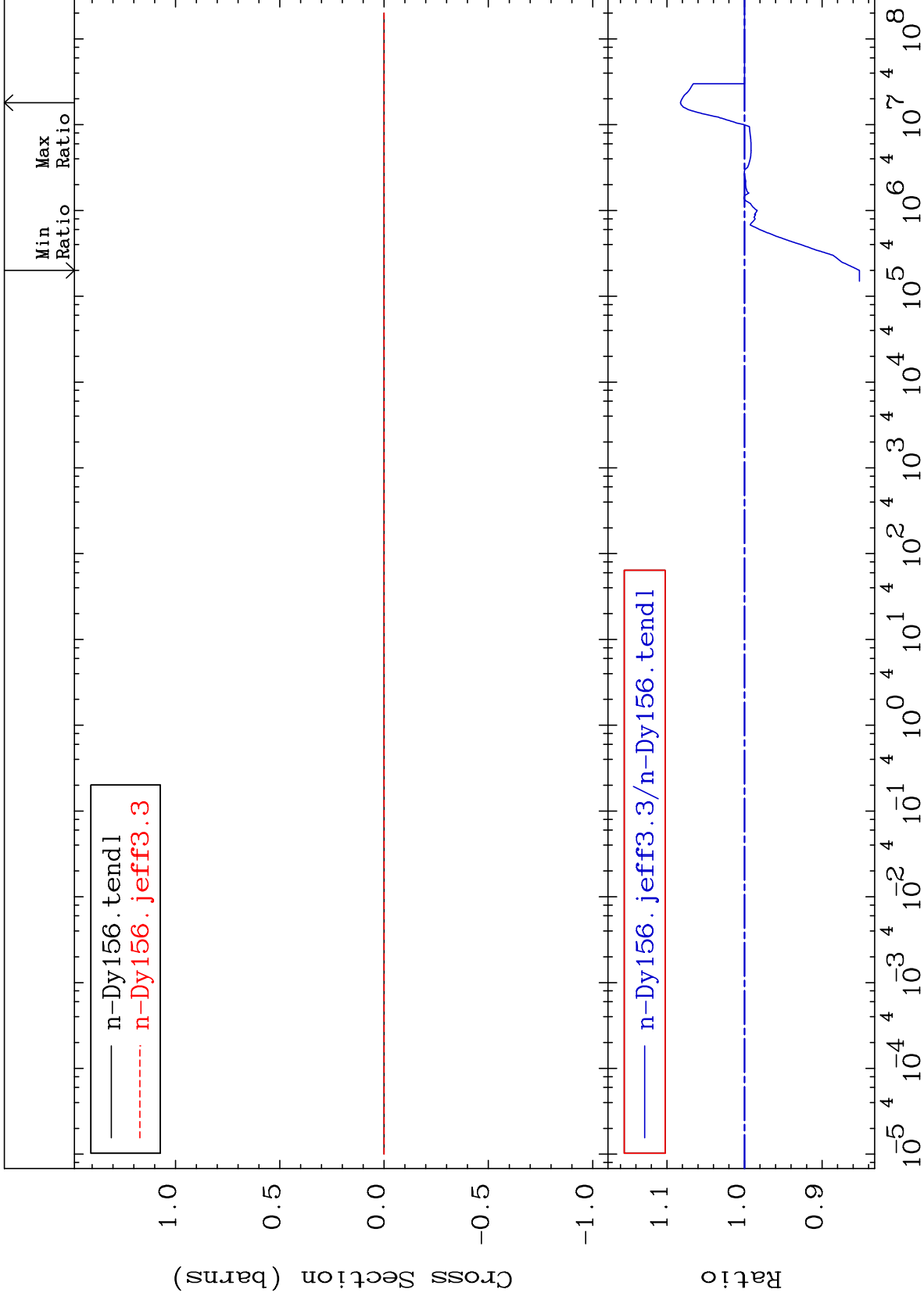
Kerma elastic
Cross Section

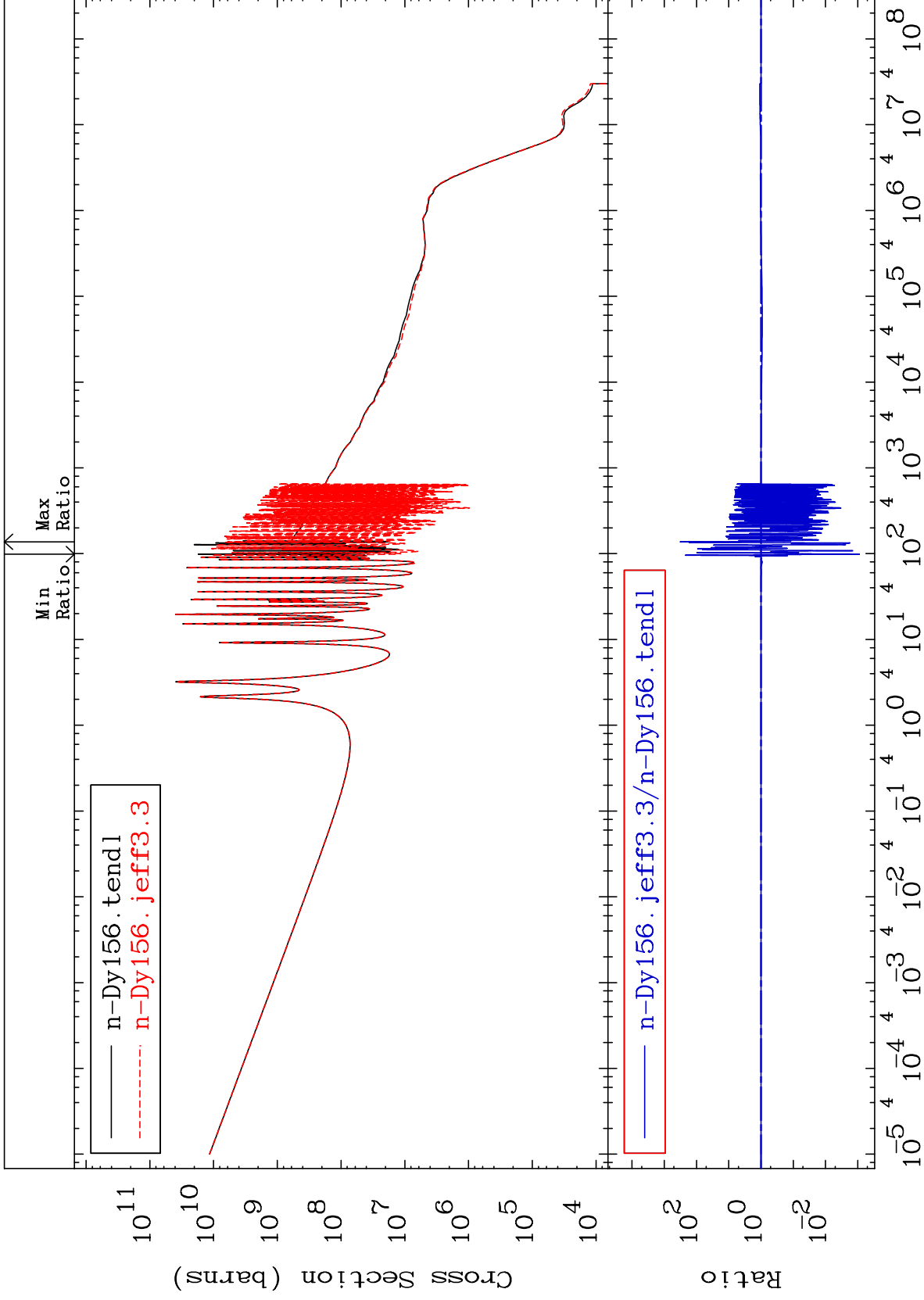
66-Dy-156
-99.98 To 9999. %

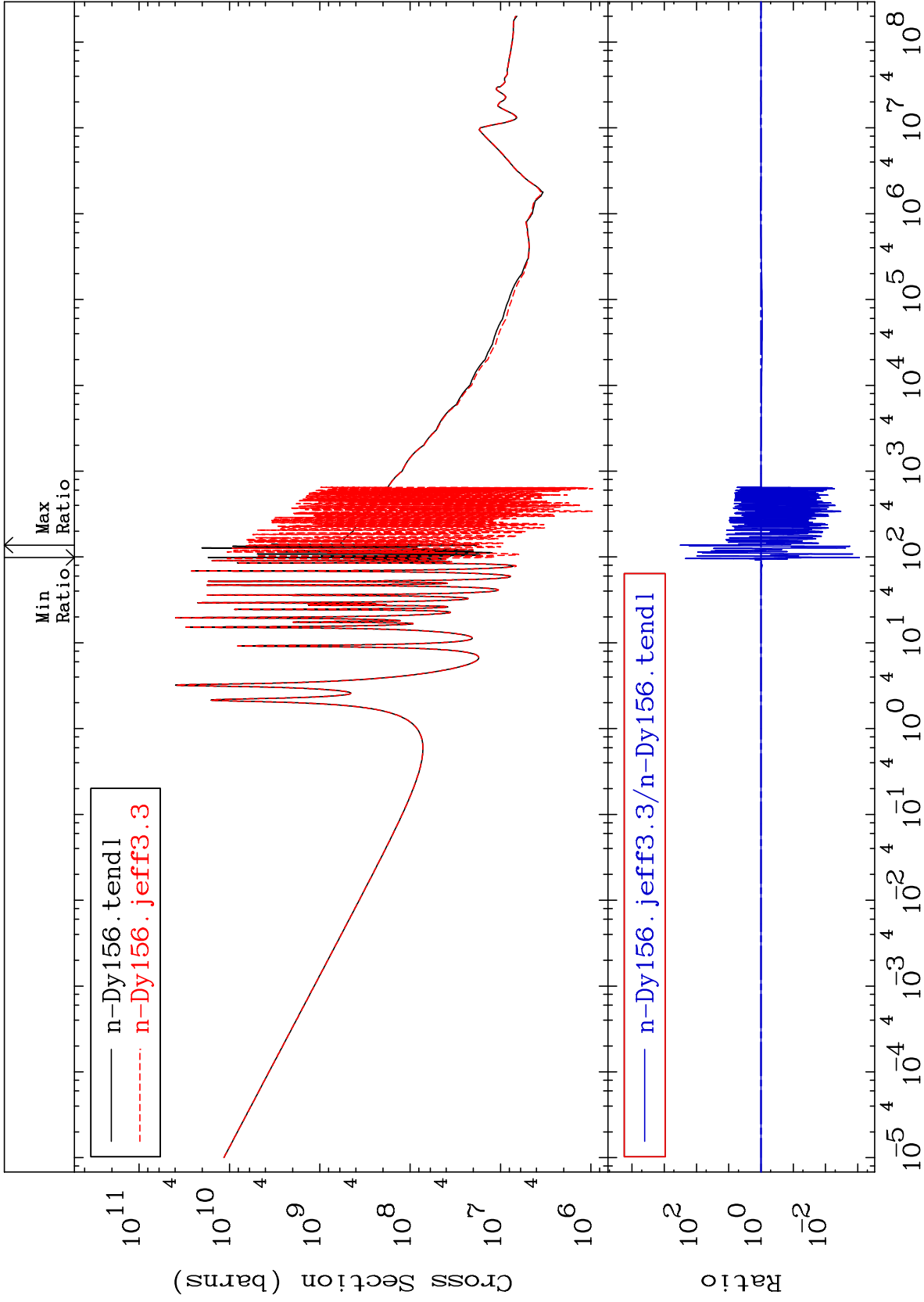


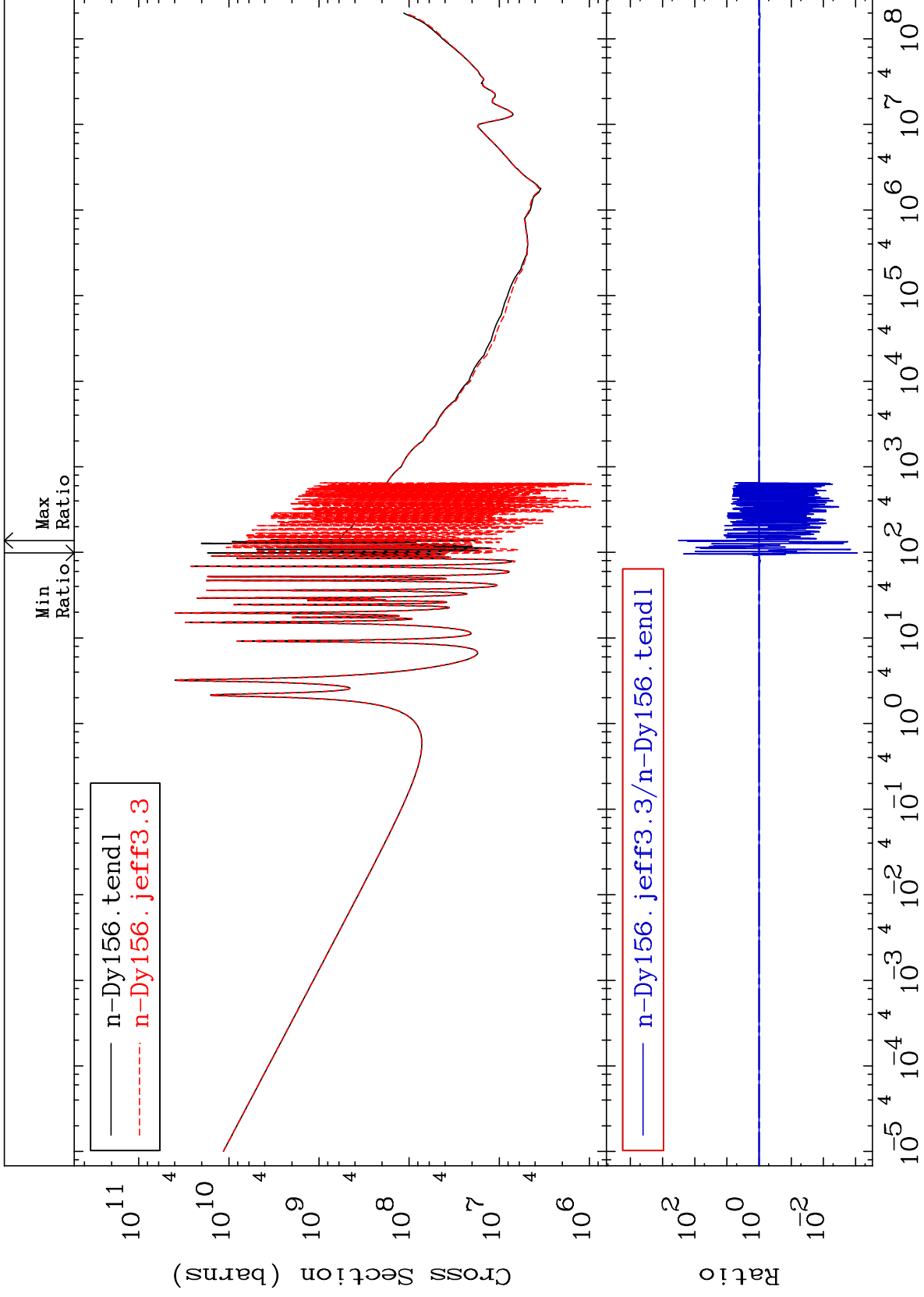


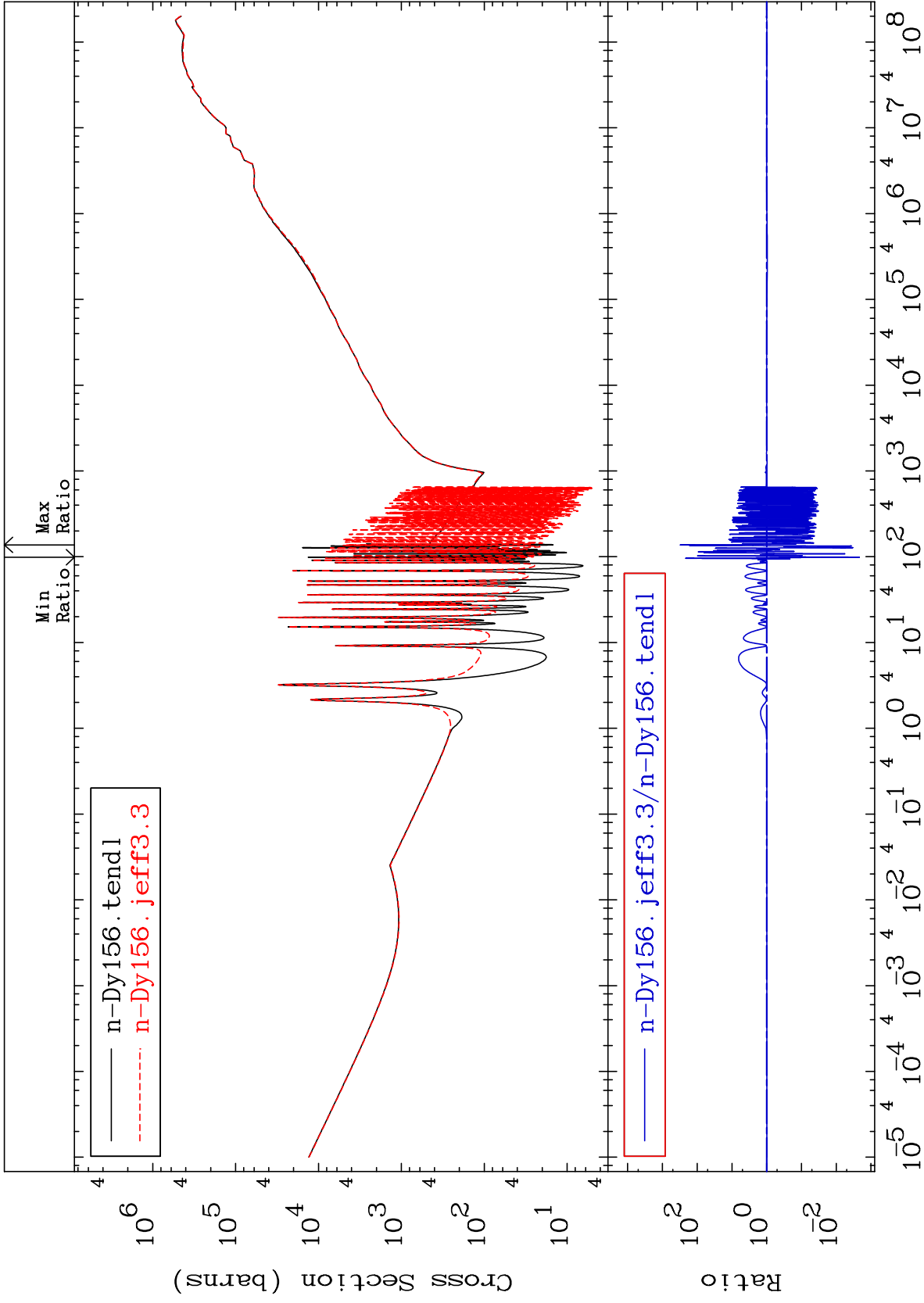








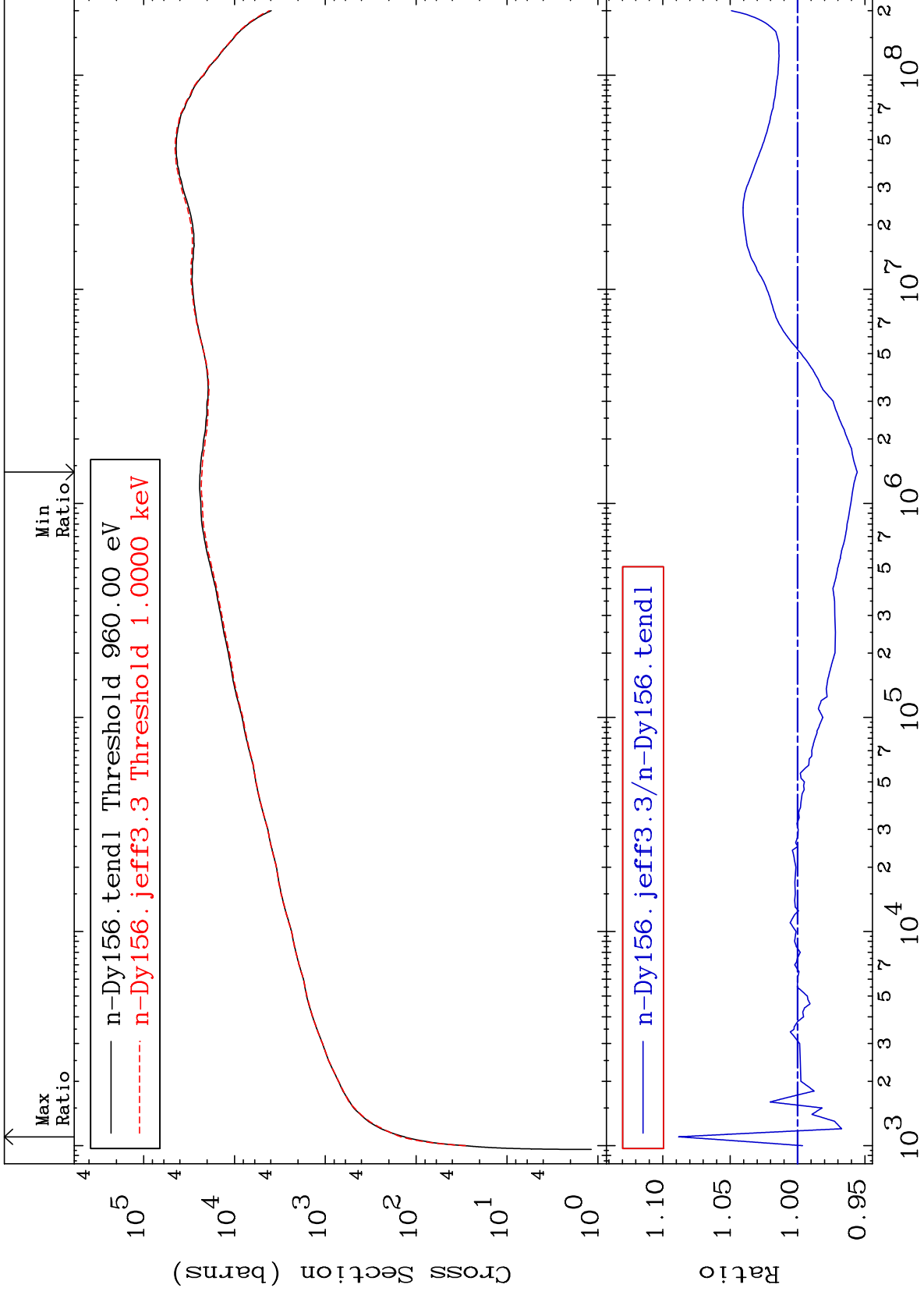




MAT 6625

Dpa elastic (mt2)
Cross Section

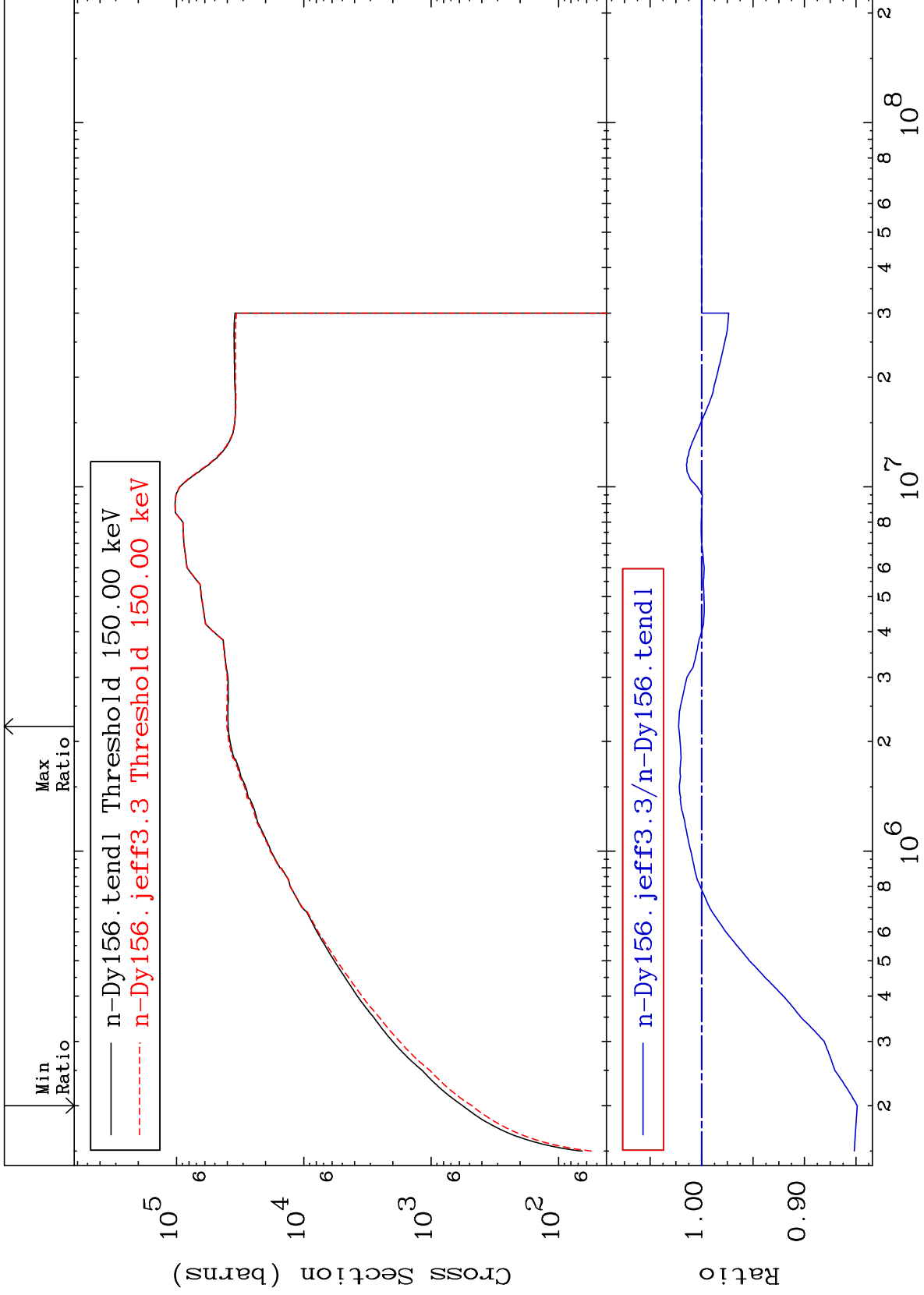
66-Dy-156
-4.430 To 8.823 %

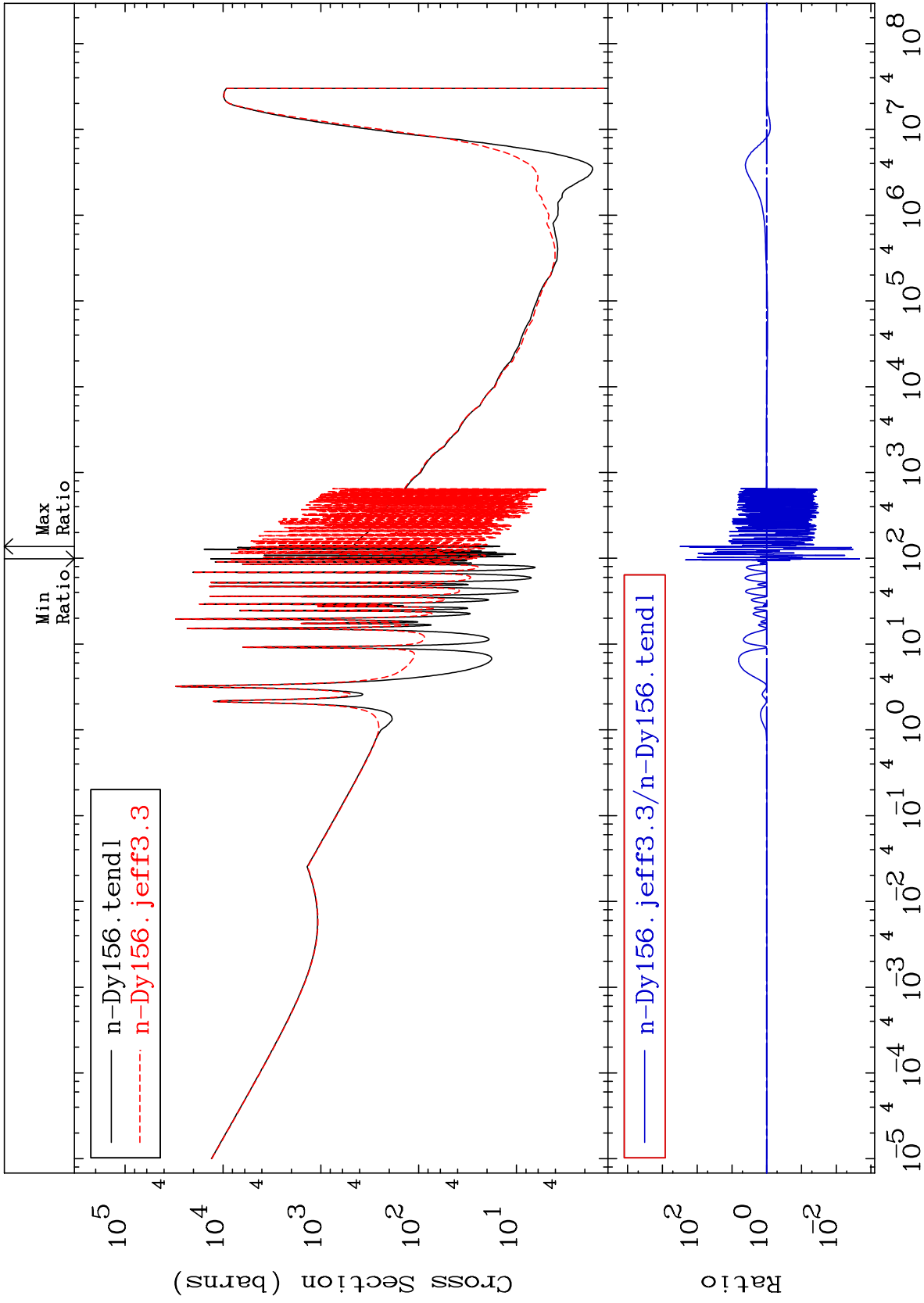


79

Incident Energy (eV)

66-Dy-156



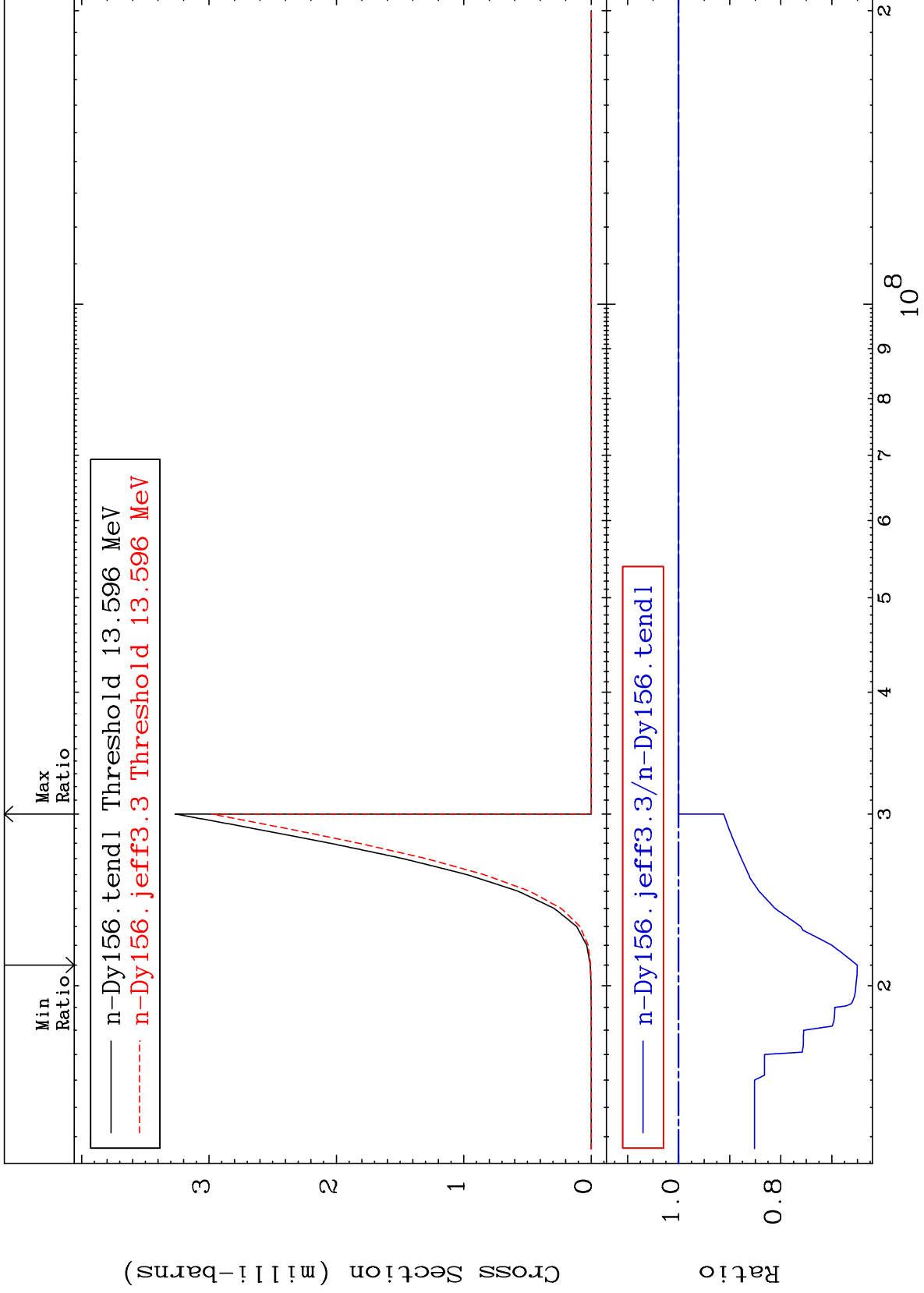


MAT 6625

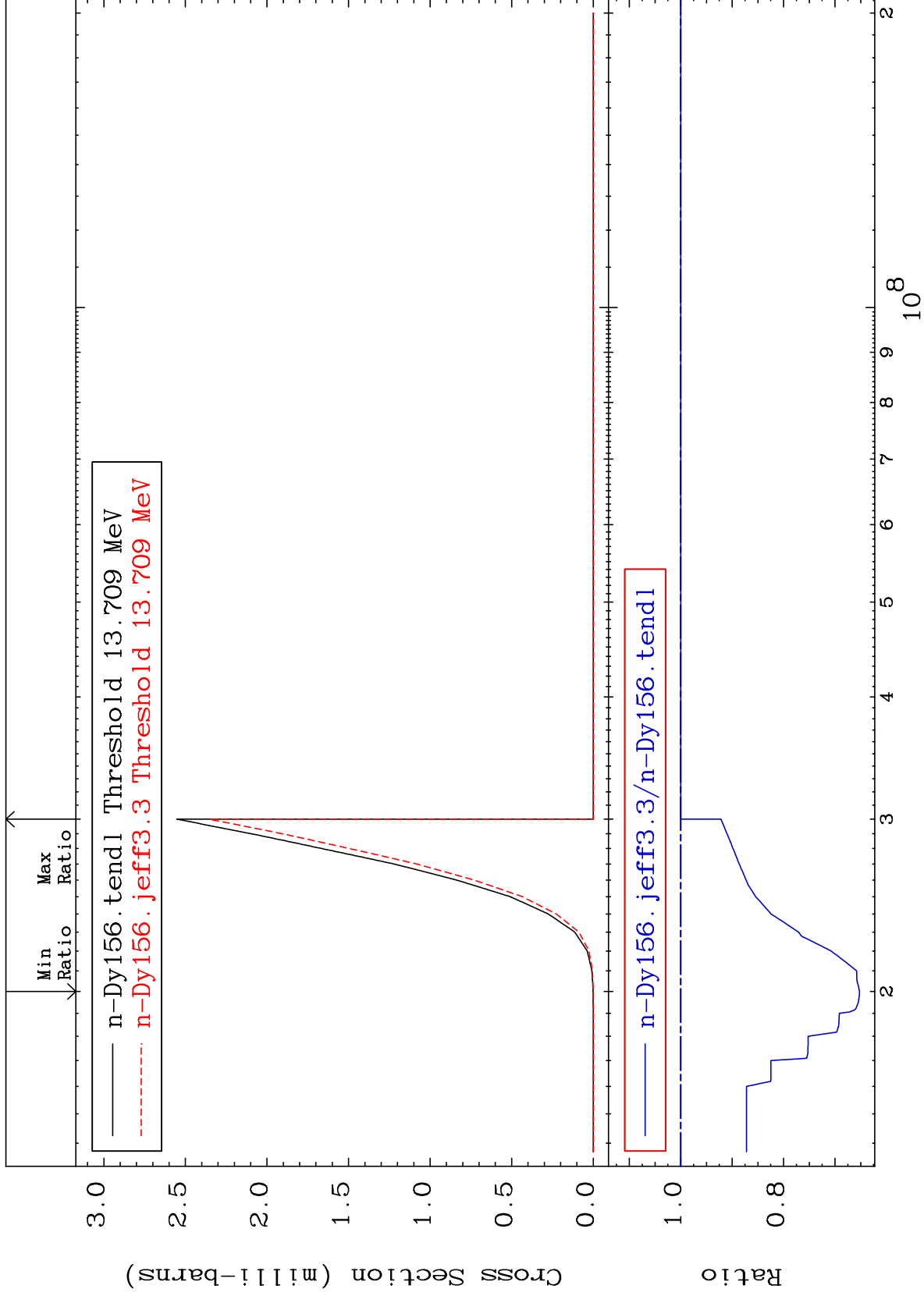
(n, n') d: 65-Tb-154g

66-Dy-156

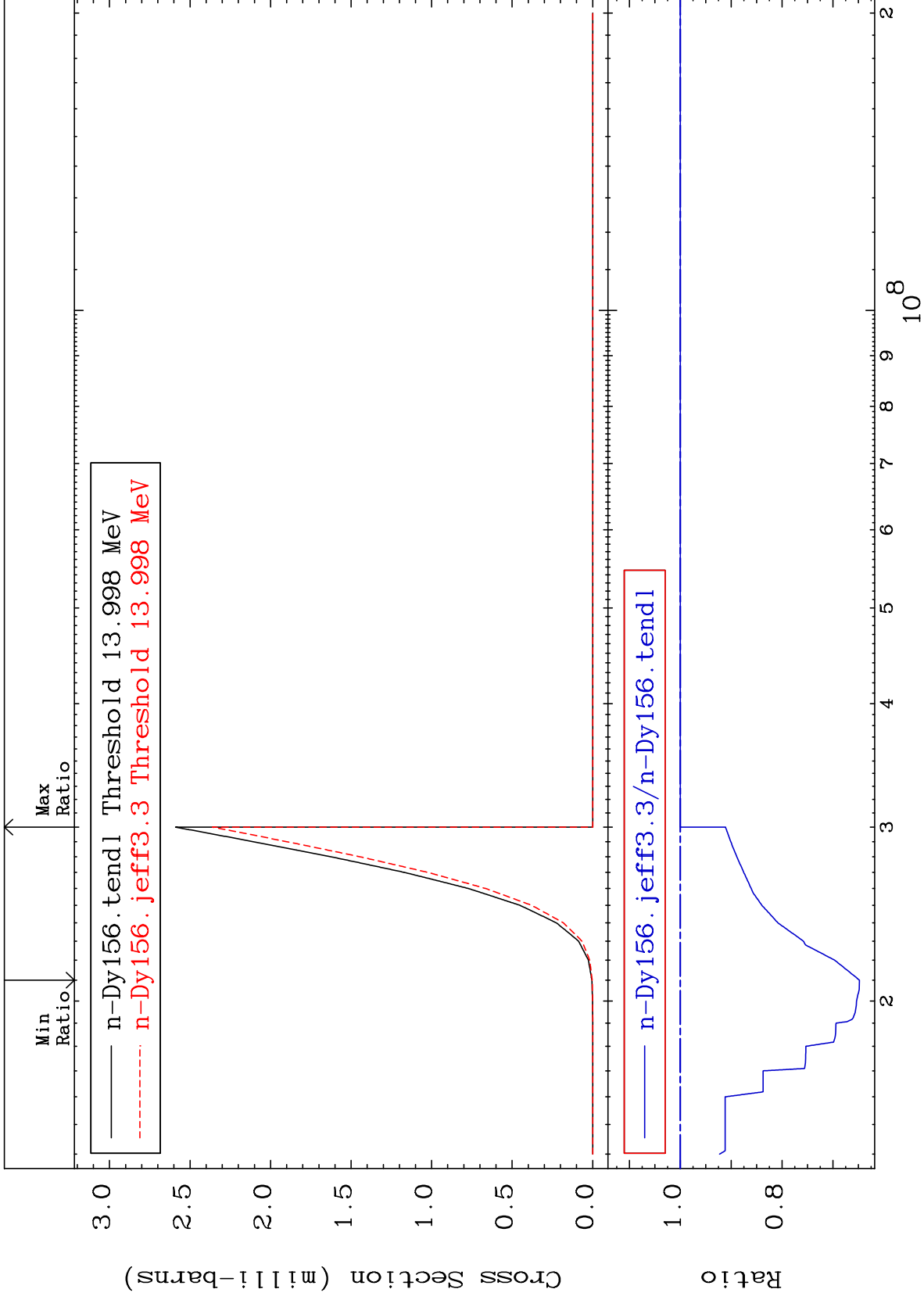
Radionuclide Production Cross Section -34.98 To 0.000 %



Radionuclide Production Cross Section -34.77 To 0.000 %



Radionuclide Production Cross Section -35.22 To 0.000 %



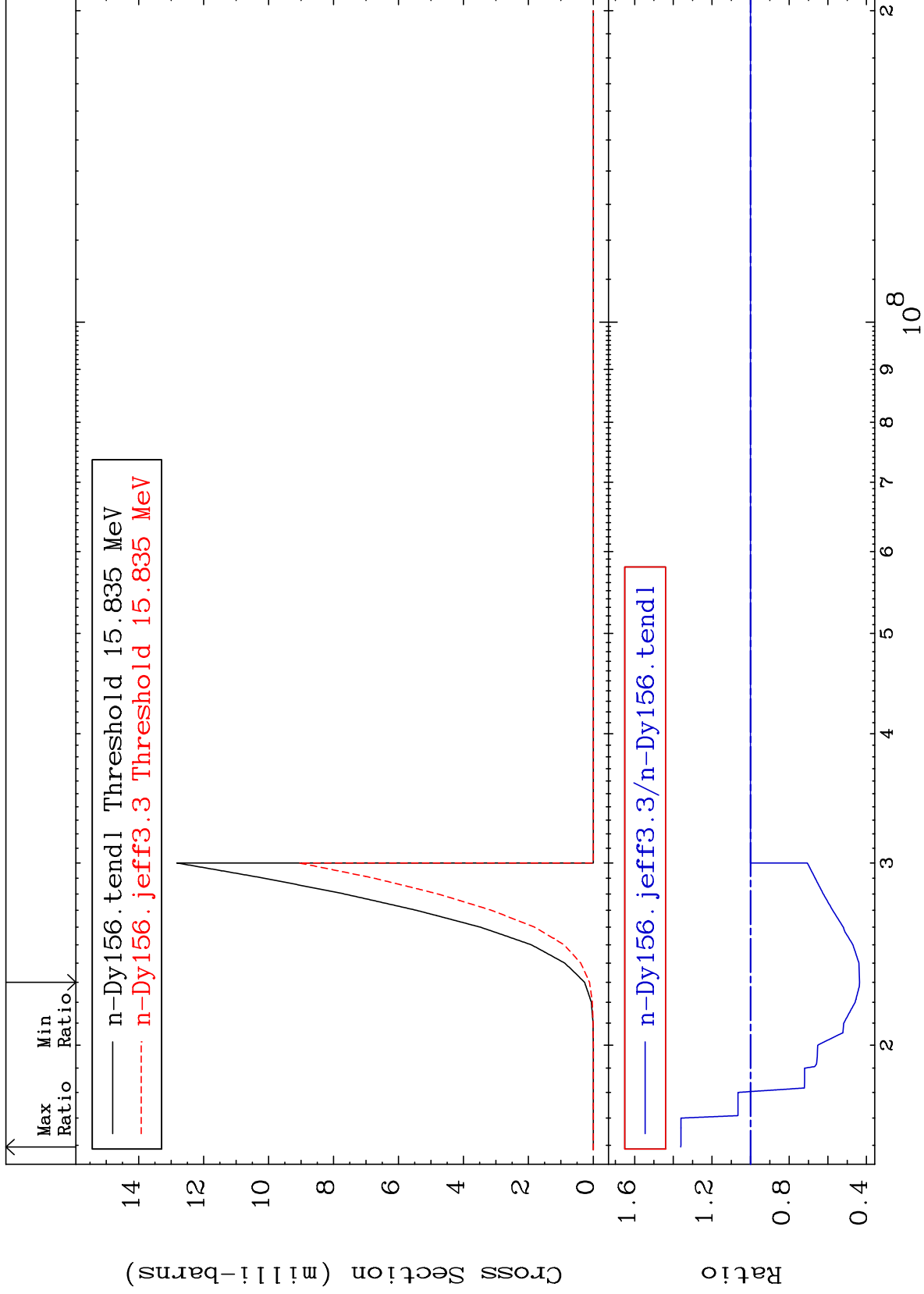
MAT 6625

(n,2n) p: 65-Tb-154g

66-Dy-156

Radionuclide Production Cross Section

-56.41 To 36.12 %



85

Incident Energy (eV)

66-Dy-156

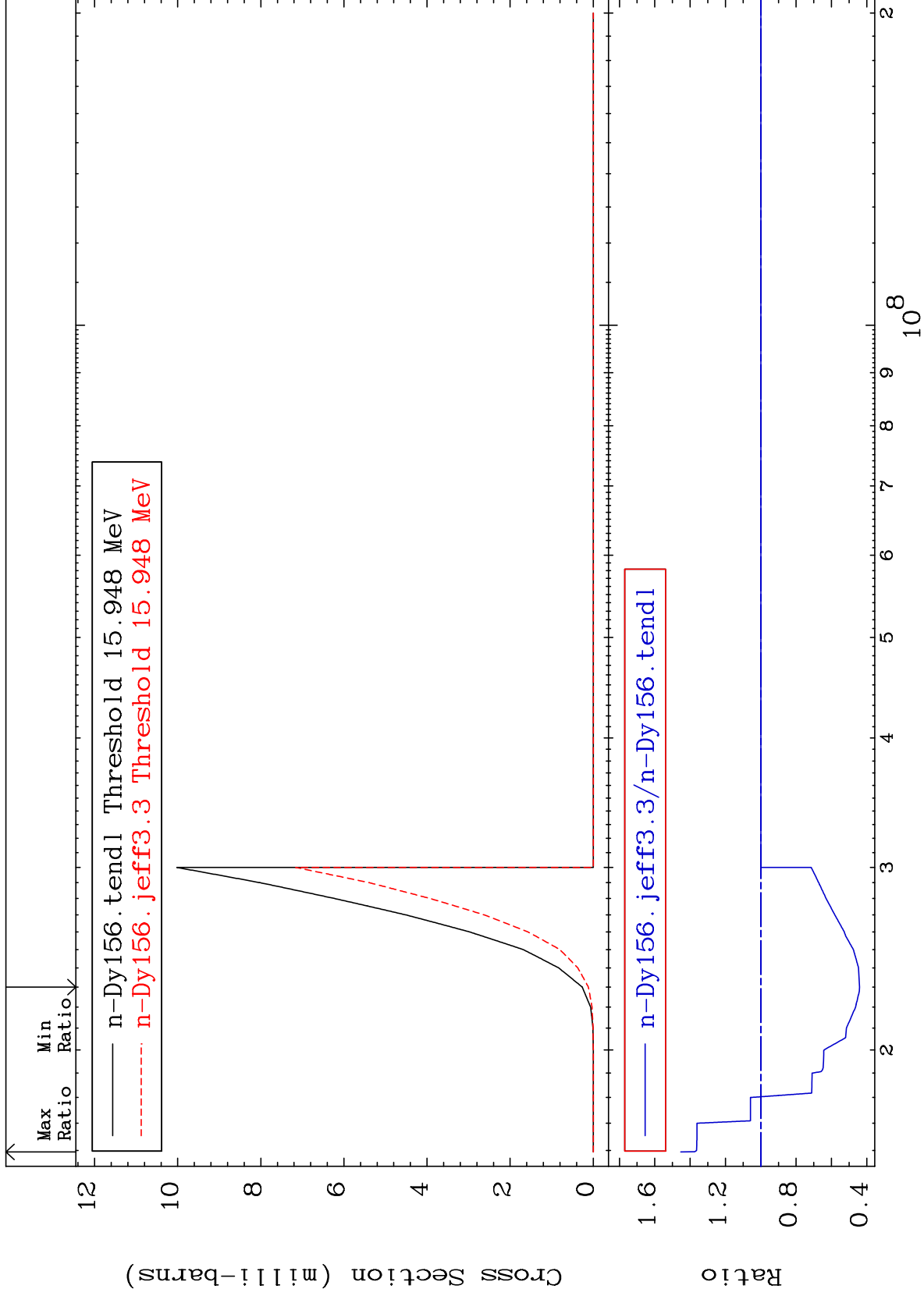
MAT 6625

(n,2n) p:65-Tb-154m1

66-Dy-156

Radionuclide Production Cross Section

-55.88 To 45.29 %



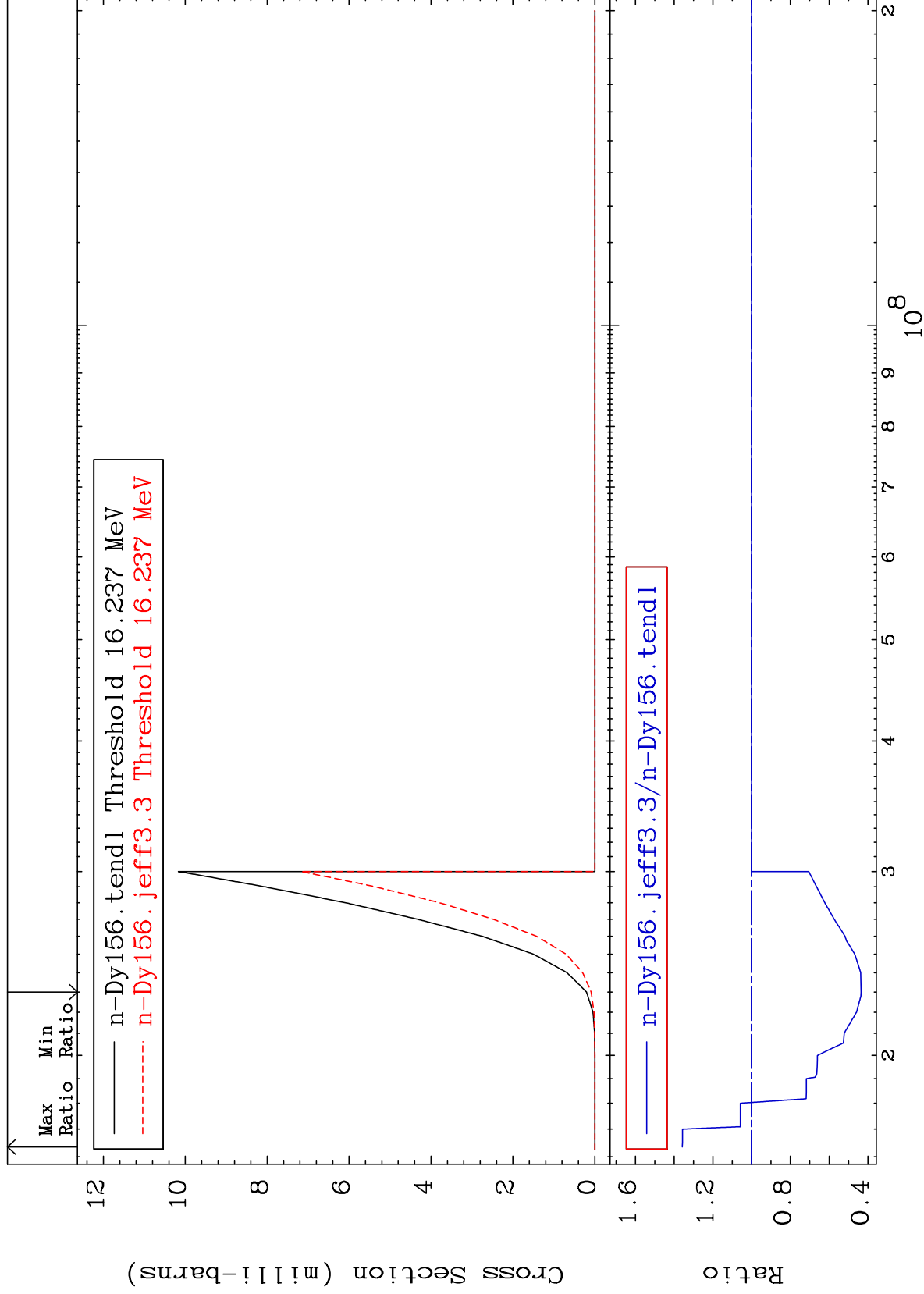
MAT 6625

(n,2n) p:65-Tb-154m2

66-Dy-156

Radionuclide Production Cross Section

-56.49 To 35.77 %



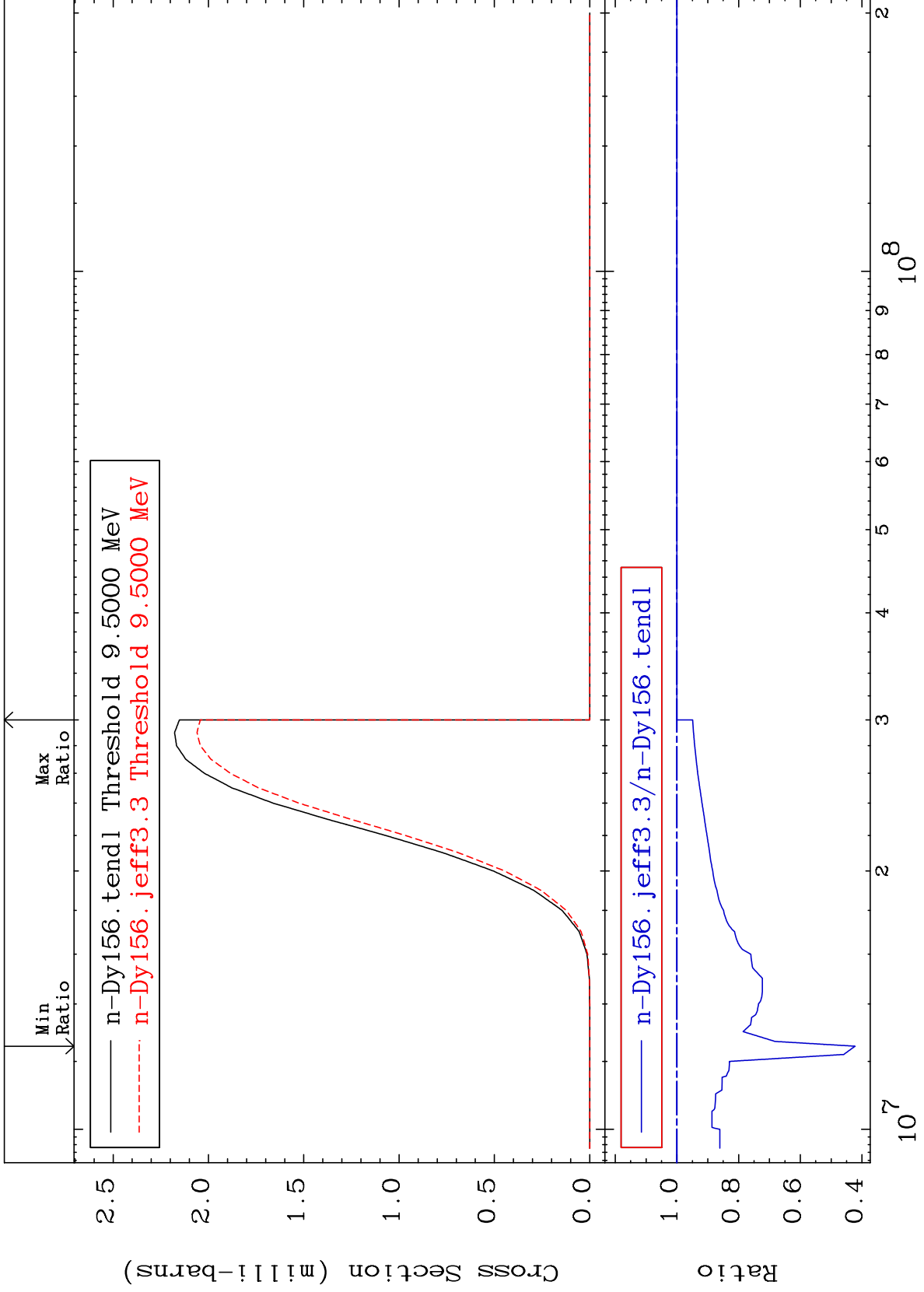
MAT 6625

(n, t) : 65-Tb-154g

66-Dy-156

Radionuclide Production Cross Section

-57.77 To 0.000 %



88

Incident Energy (eV)

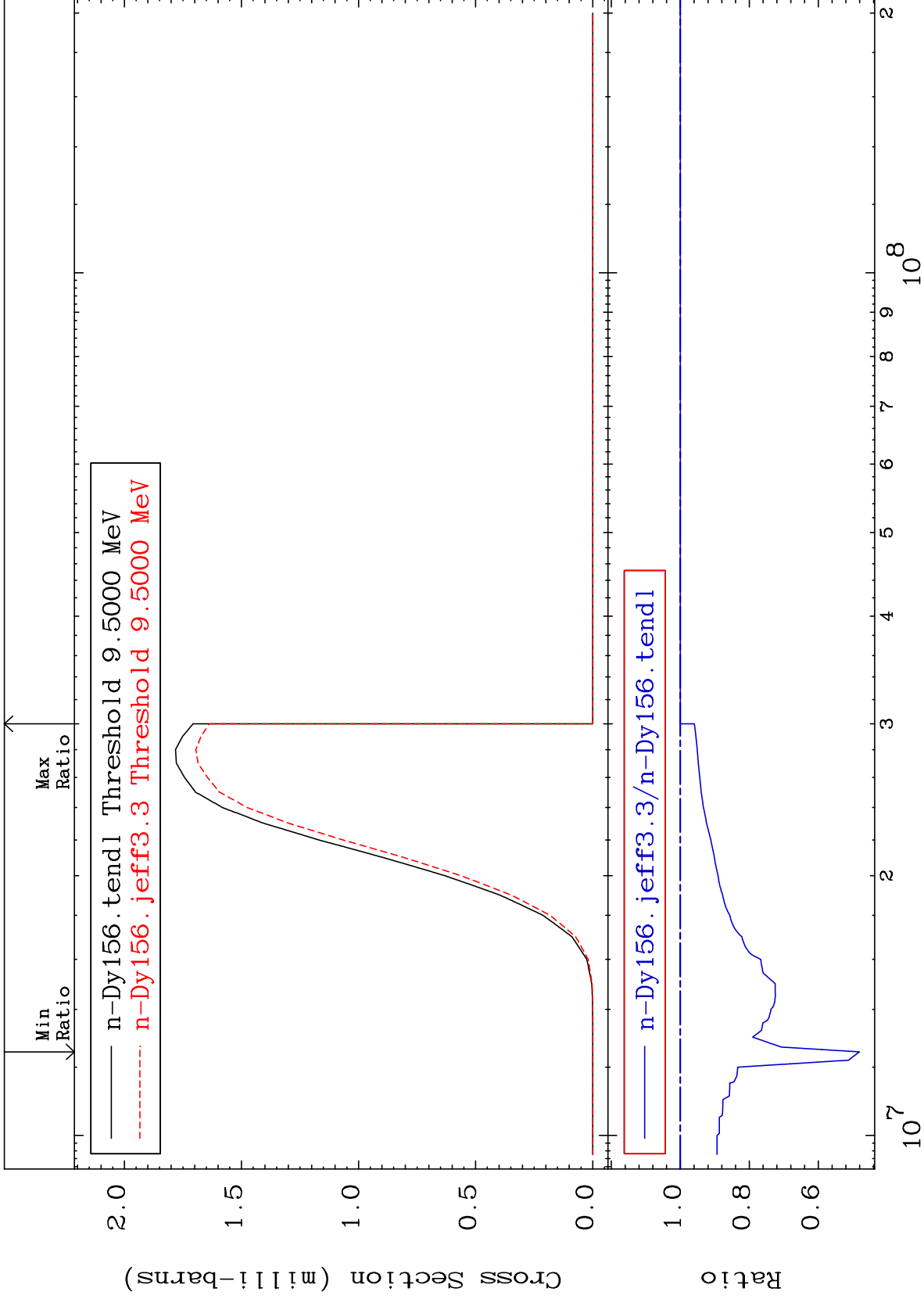
66-Dy-156

MAT 6625

(n, t) : 65-Tb-154m1

66-Dy-156

Radionuclide Production Cross Section -51.92 To 0.000 %



89

Incident Energy (eV)

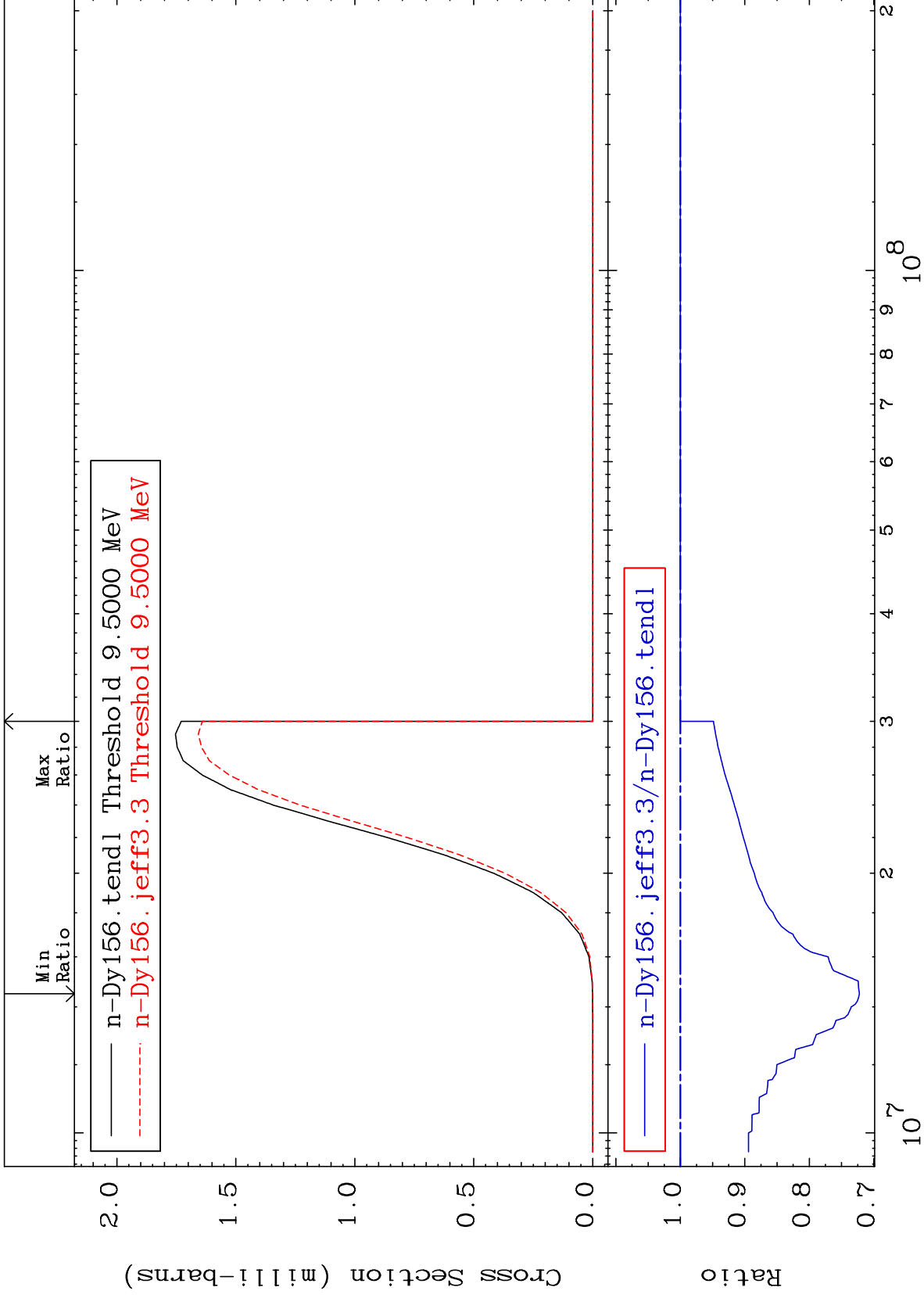
66-Dy-156

MAT 6625

(n, t) : 65-Tb-154m2

66-Dy-156

Radionuclide Production Cross Section -27.77 To 0.000 %



90

Incident Energy (eV)

66-Dy-156