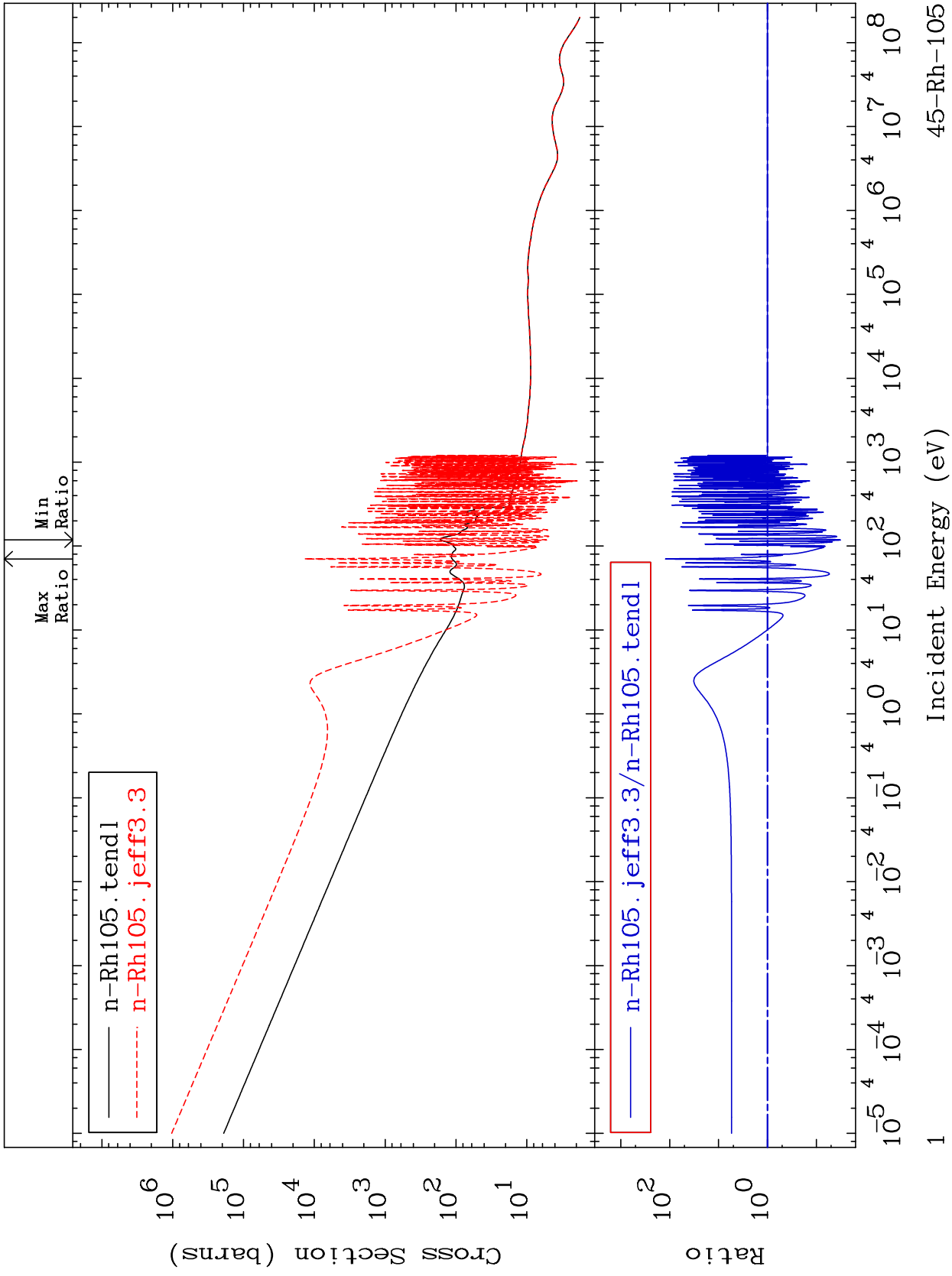


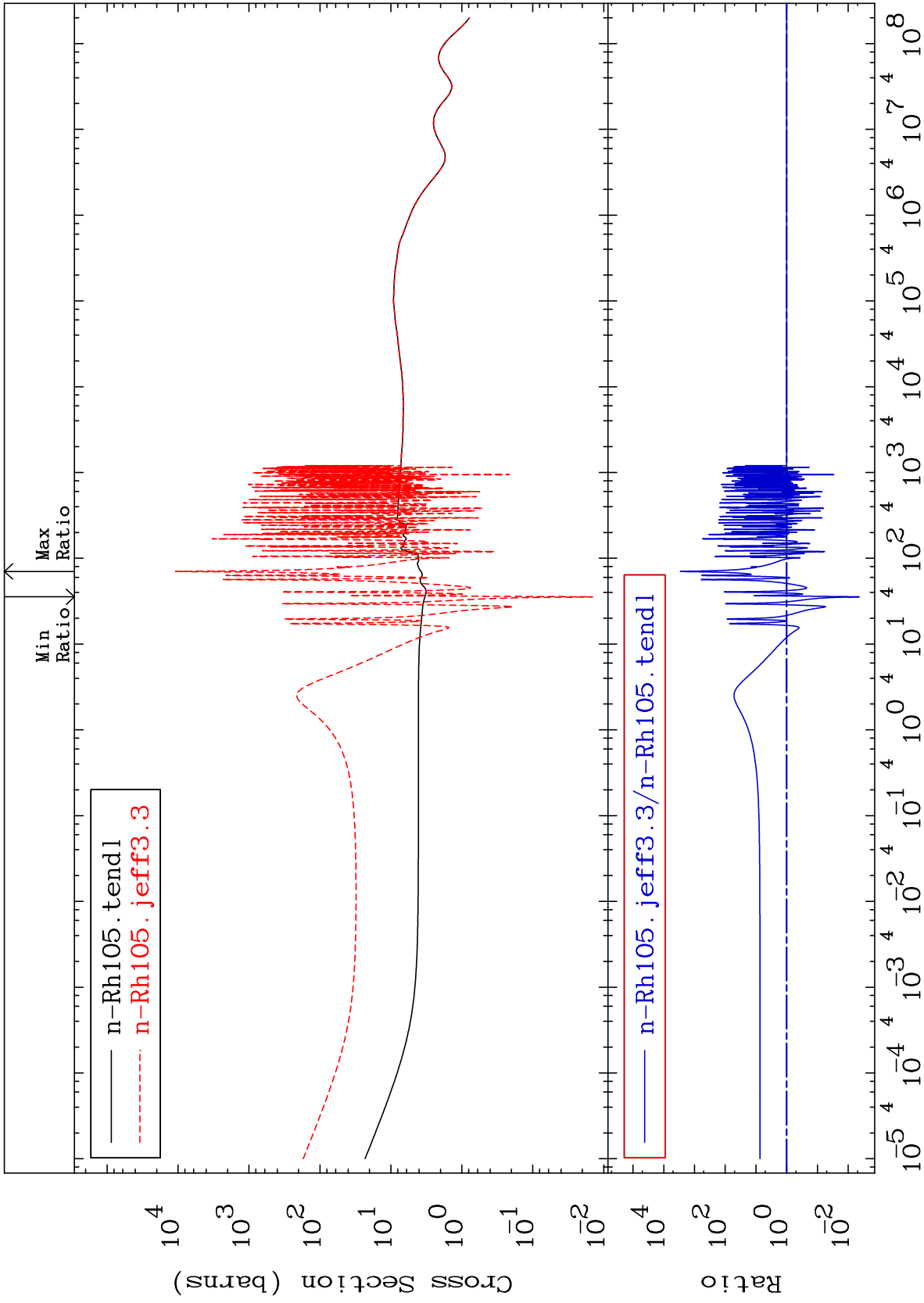
MAT 4531

Total Cross Section
45-Rh-105
-96.82 To 9999. %



MAT 4531

Elastic Cross Section
45-Rh-105
-99.57 To 9999. %



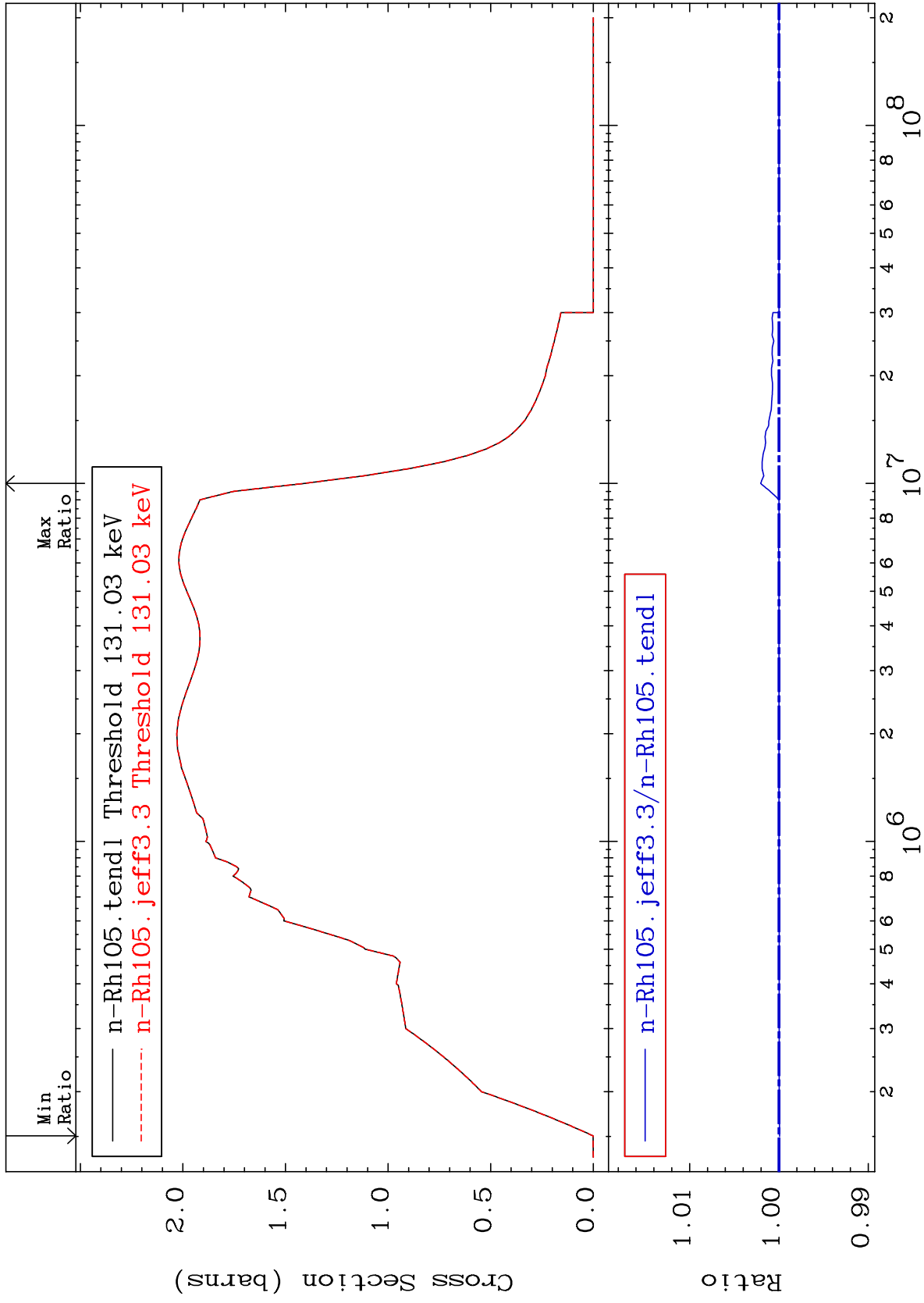
45-Rh-105

Incident Energy (eV)

2

MAT 4531

Inelastic Cross Section
45-Rh-105
-0.008 To 0.205 %



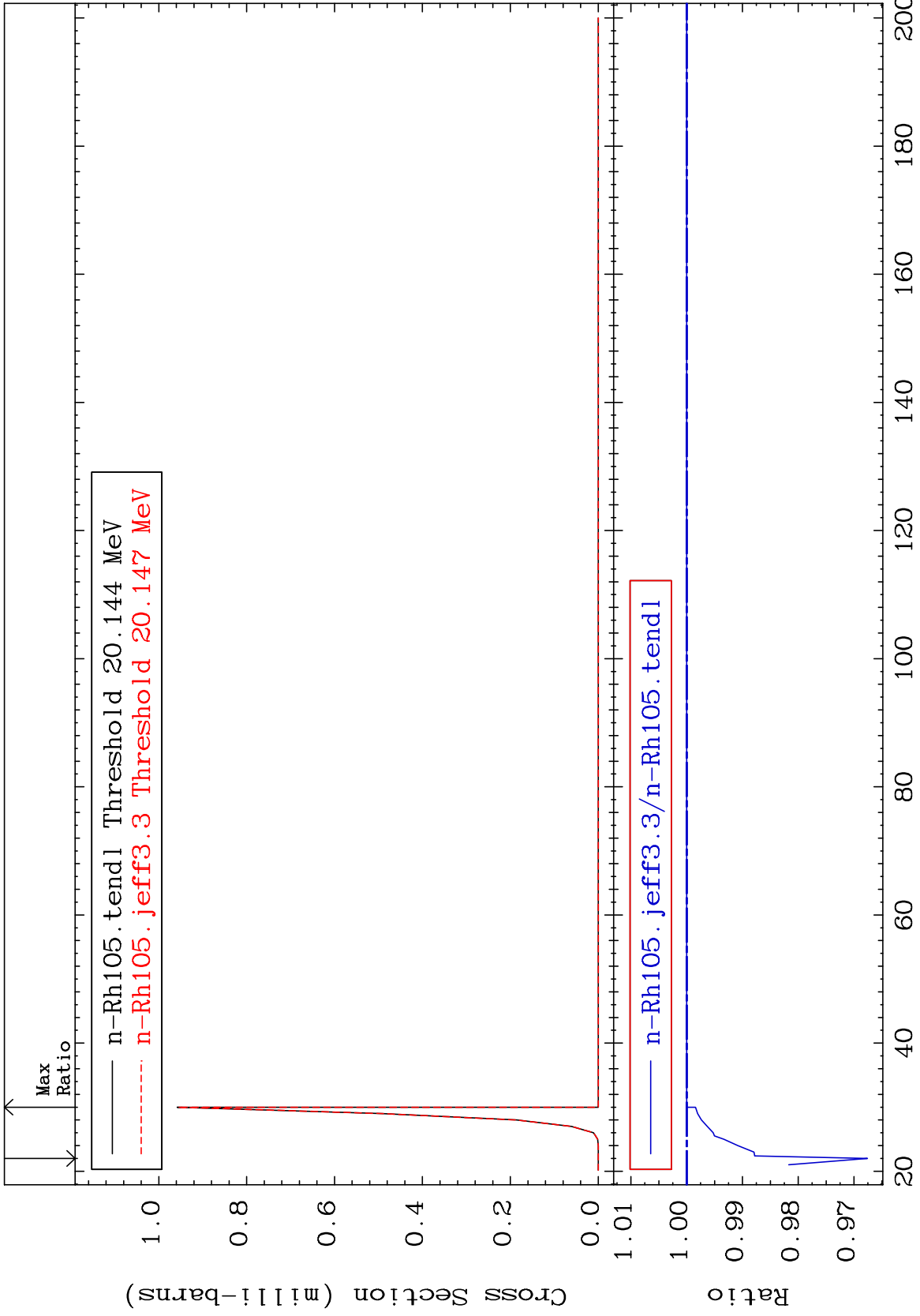
MAT 4531

(n,2n) d

45-Rh-105

Cross Section

-3.241 To 0.000 %



Incident Energy (MeV)

45-Rh-105

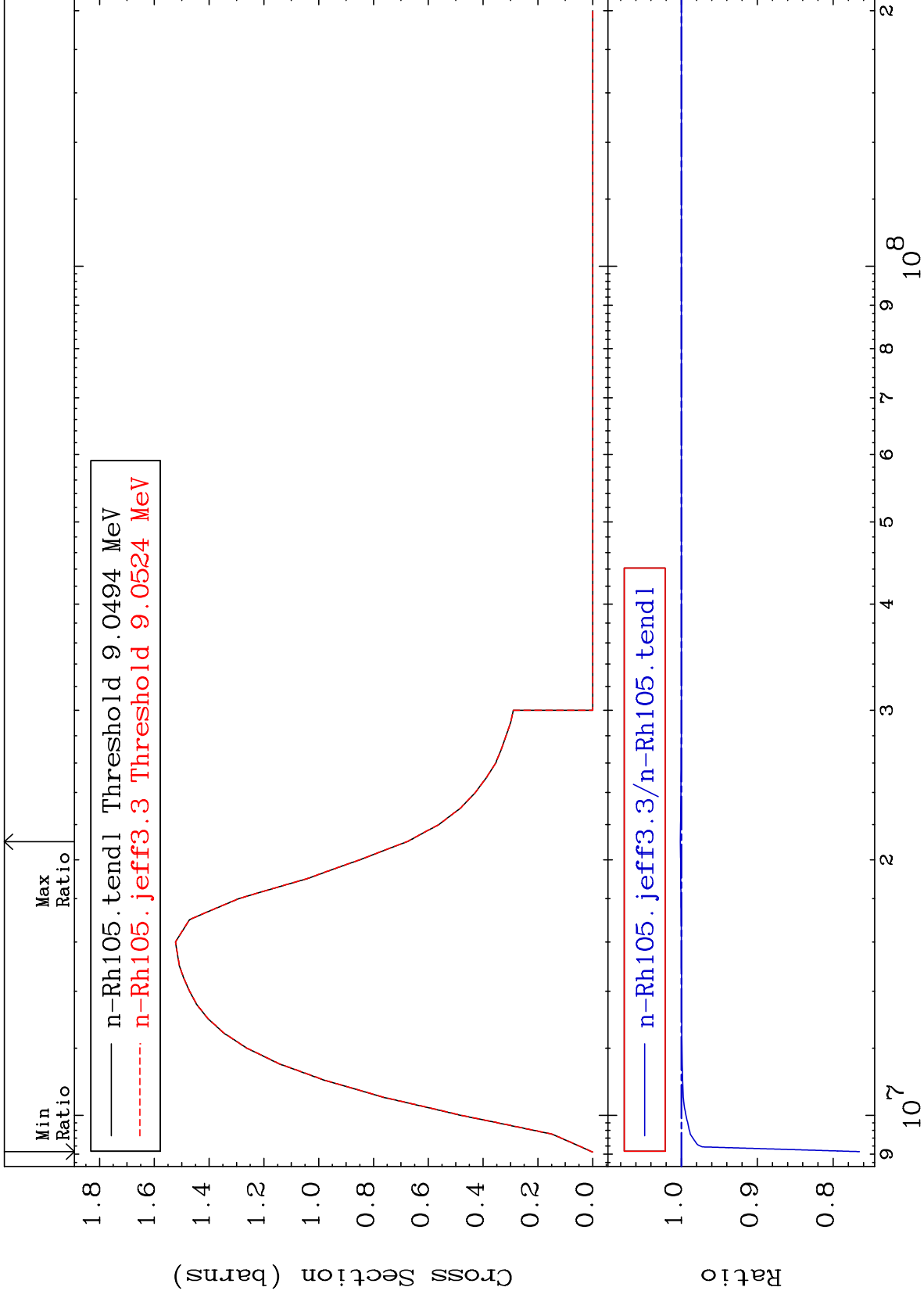
MAT 4531

(n,2n)

45-Rh-105

Cross Section

-23.46 To 0.132 %

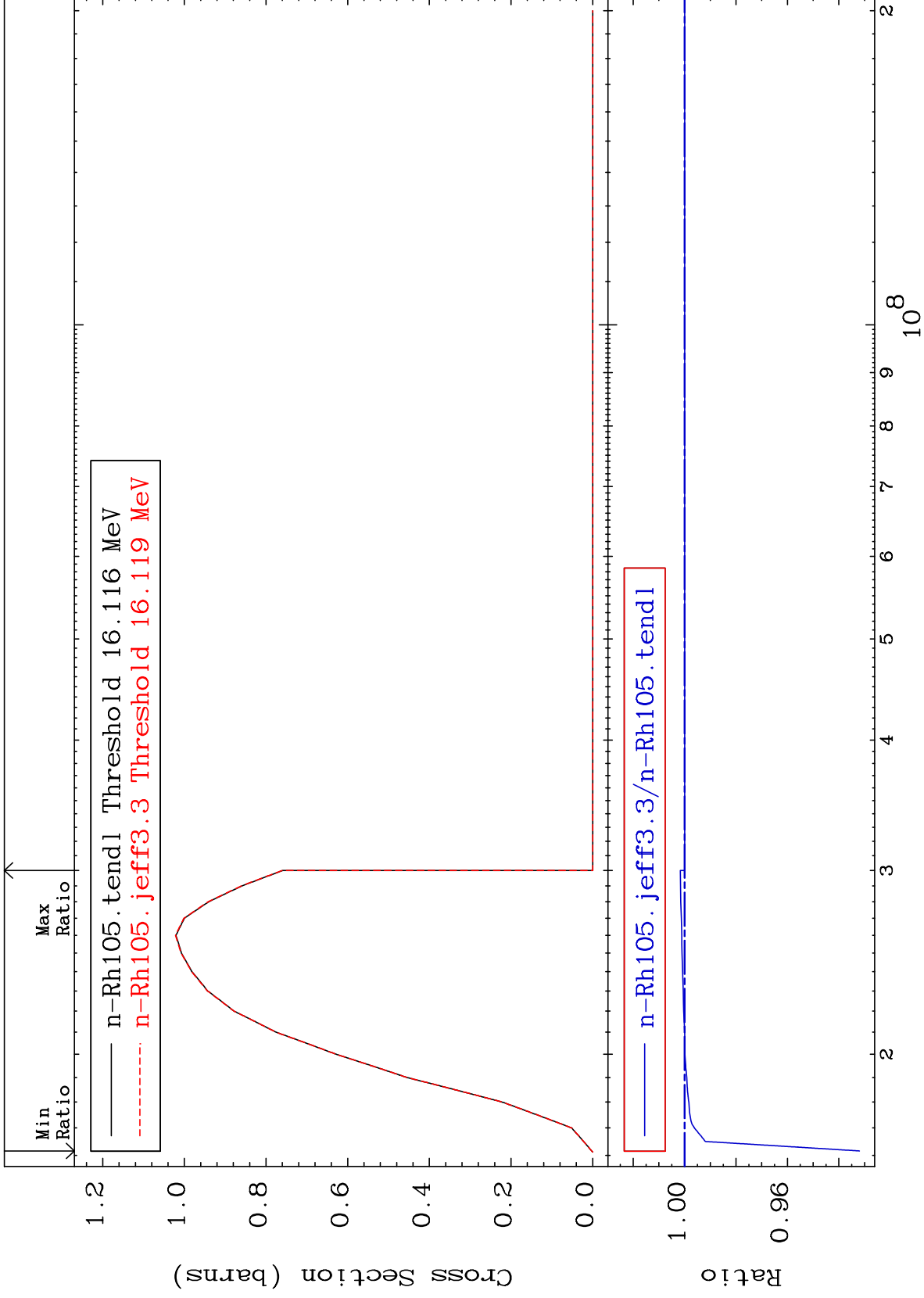


45-Rh-105

45-Rh-105

Cross Section

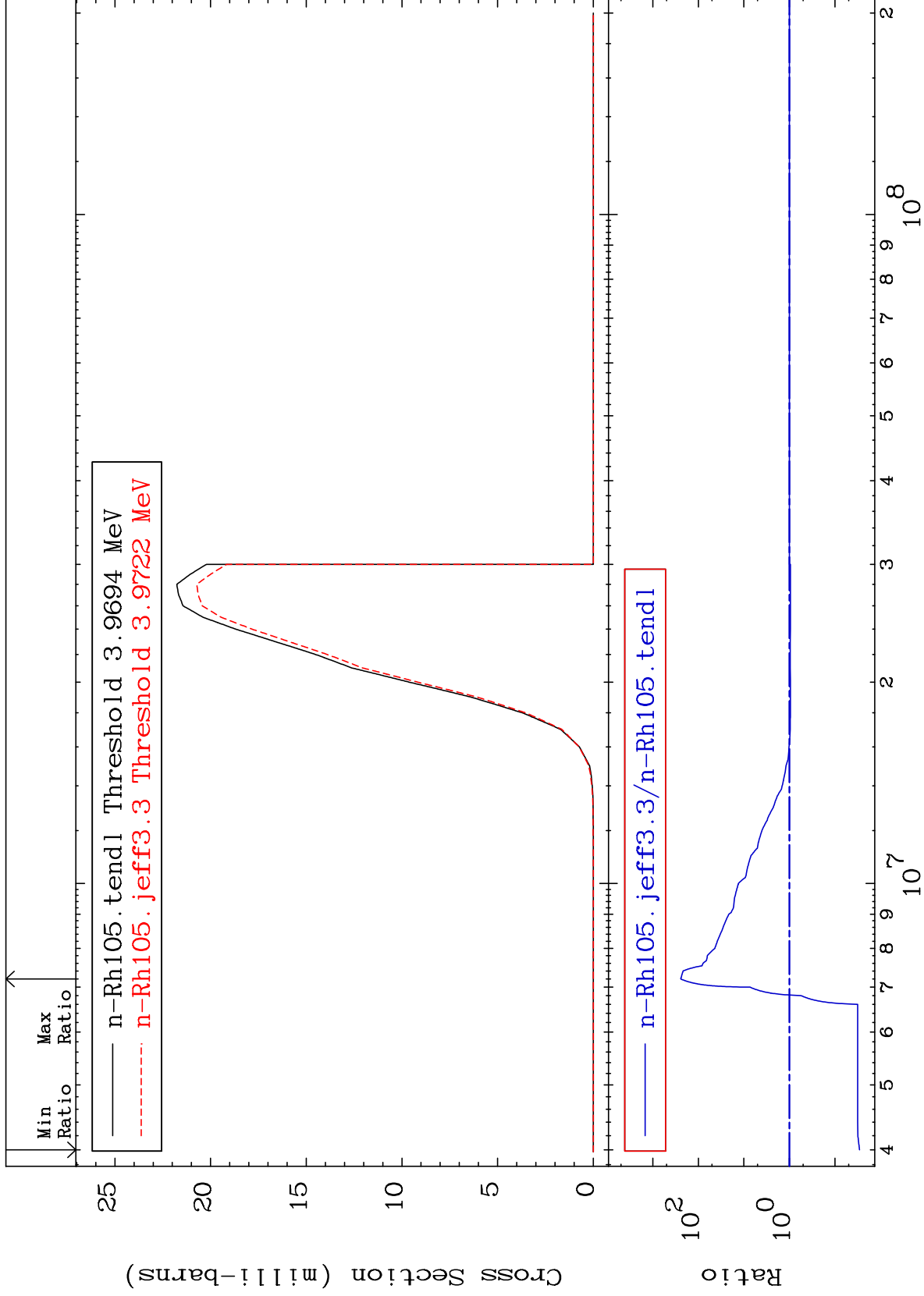
-6.799 To 0.165 %



MAT 4531

(n,n') α
Cross Section

45-Rh-105
-97.11 To 9999. %



7

Incident Energy (eV)

45-Rh-105

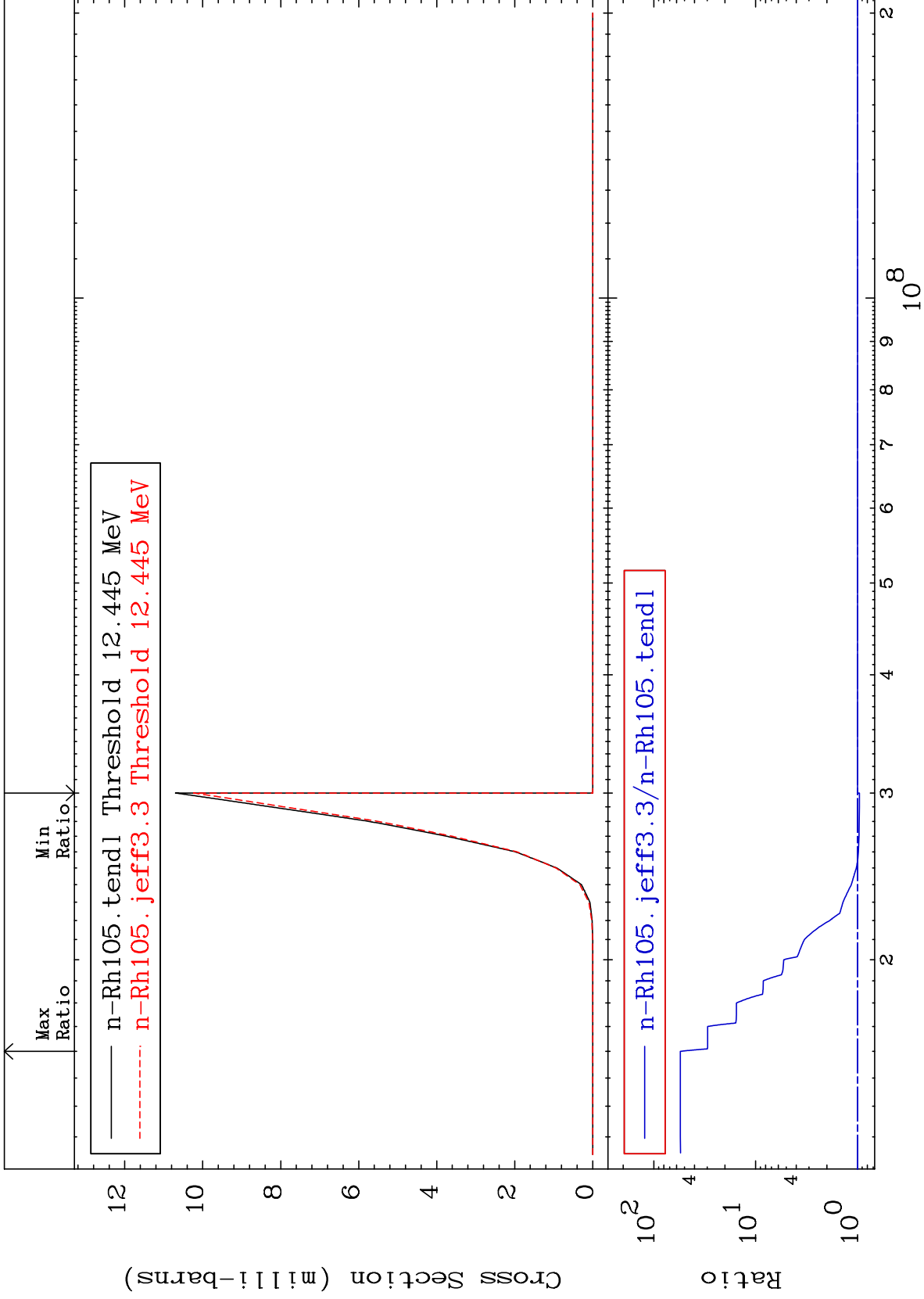
MAT 4531

(n,2n) α

45-Rh-105

Cross Section

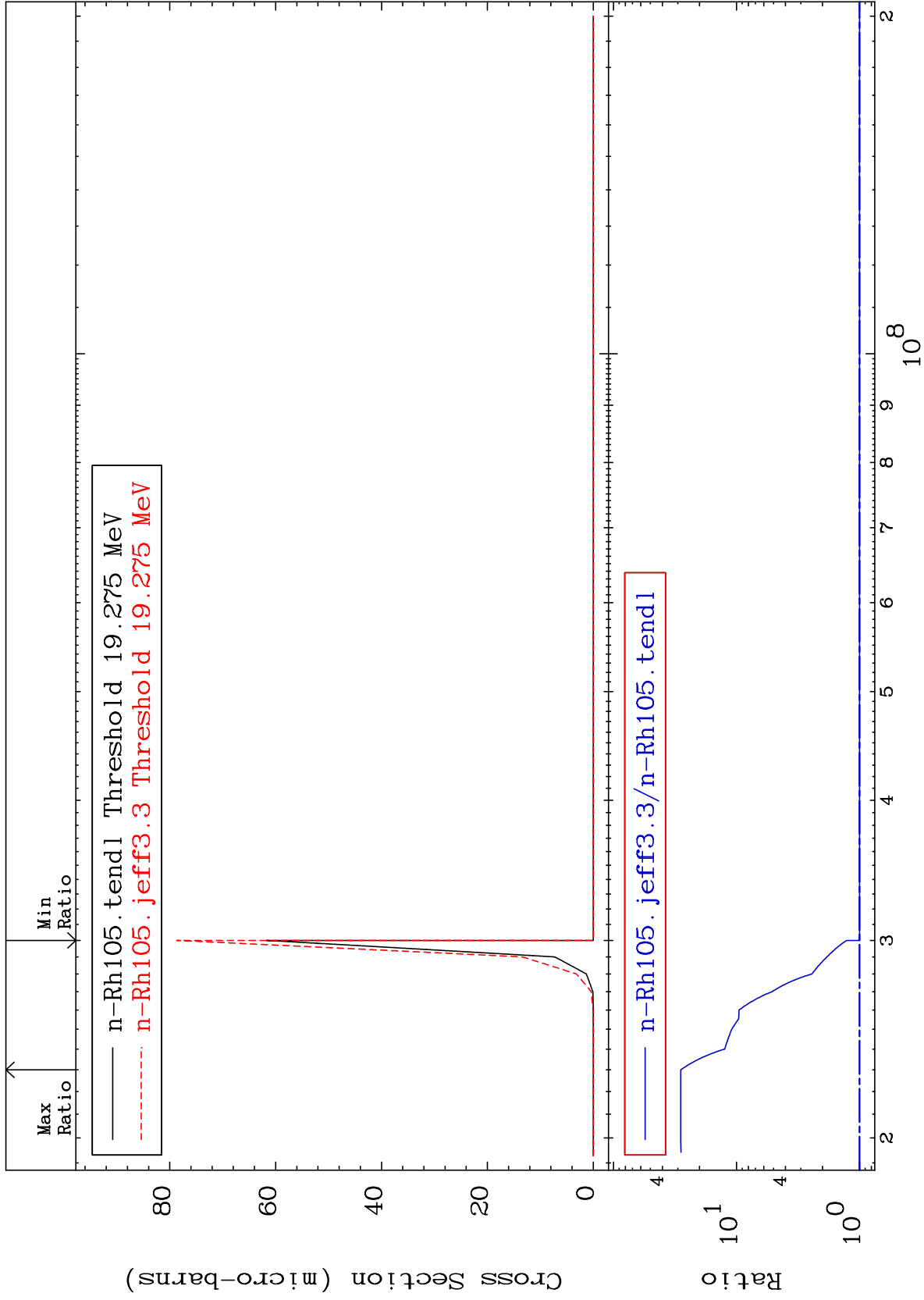
-4.339 To 5395. %



MAT 4531

(n,3n) α
Cross Section

45-Rh-105
To 2735. %
0.000



9

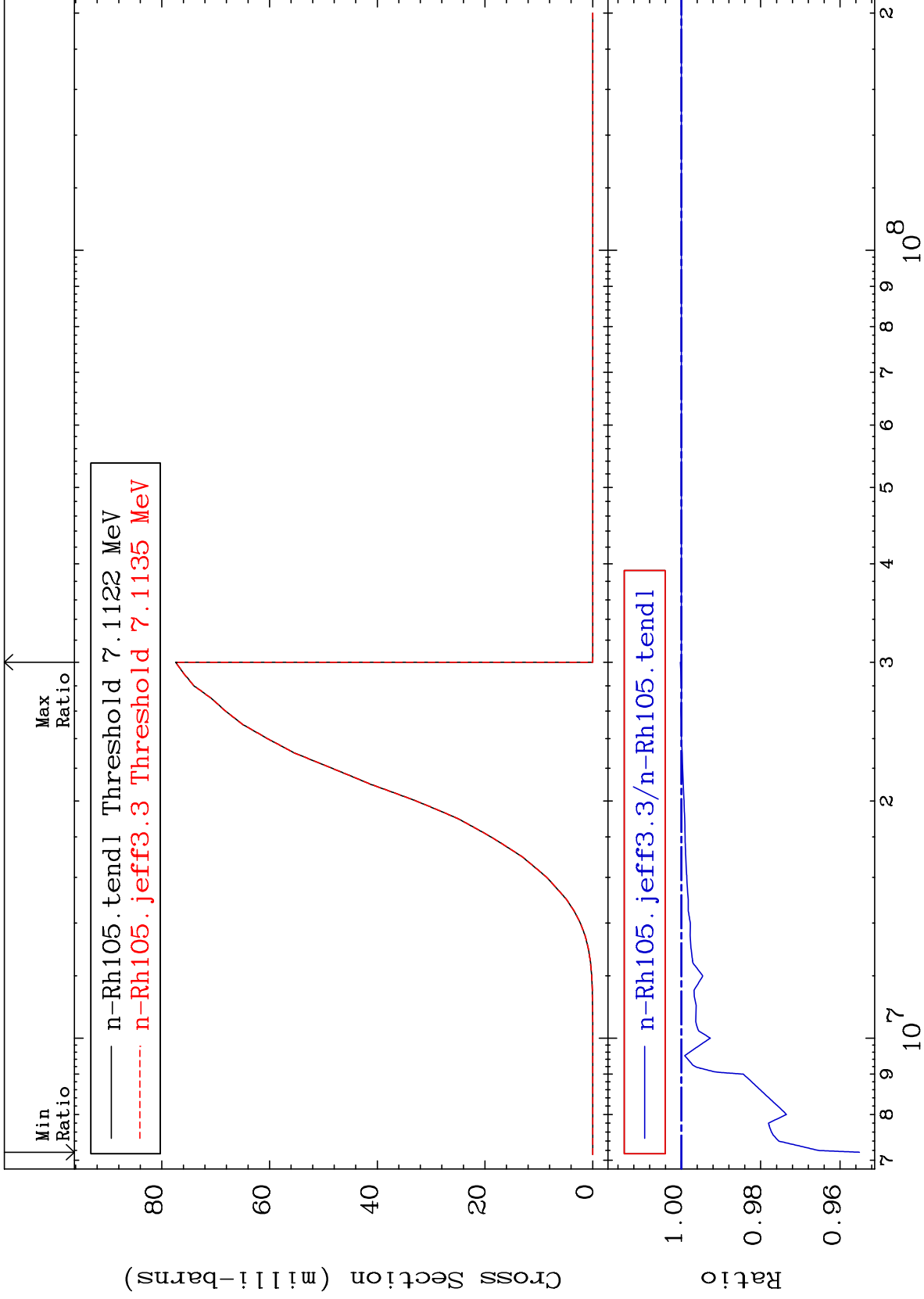
Incident Energy (eV)

45-Rh-105

MAT 4531

(n, n') p
Cross Section

45-Rh-105
-4.489 To 0.025 %



10

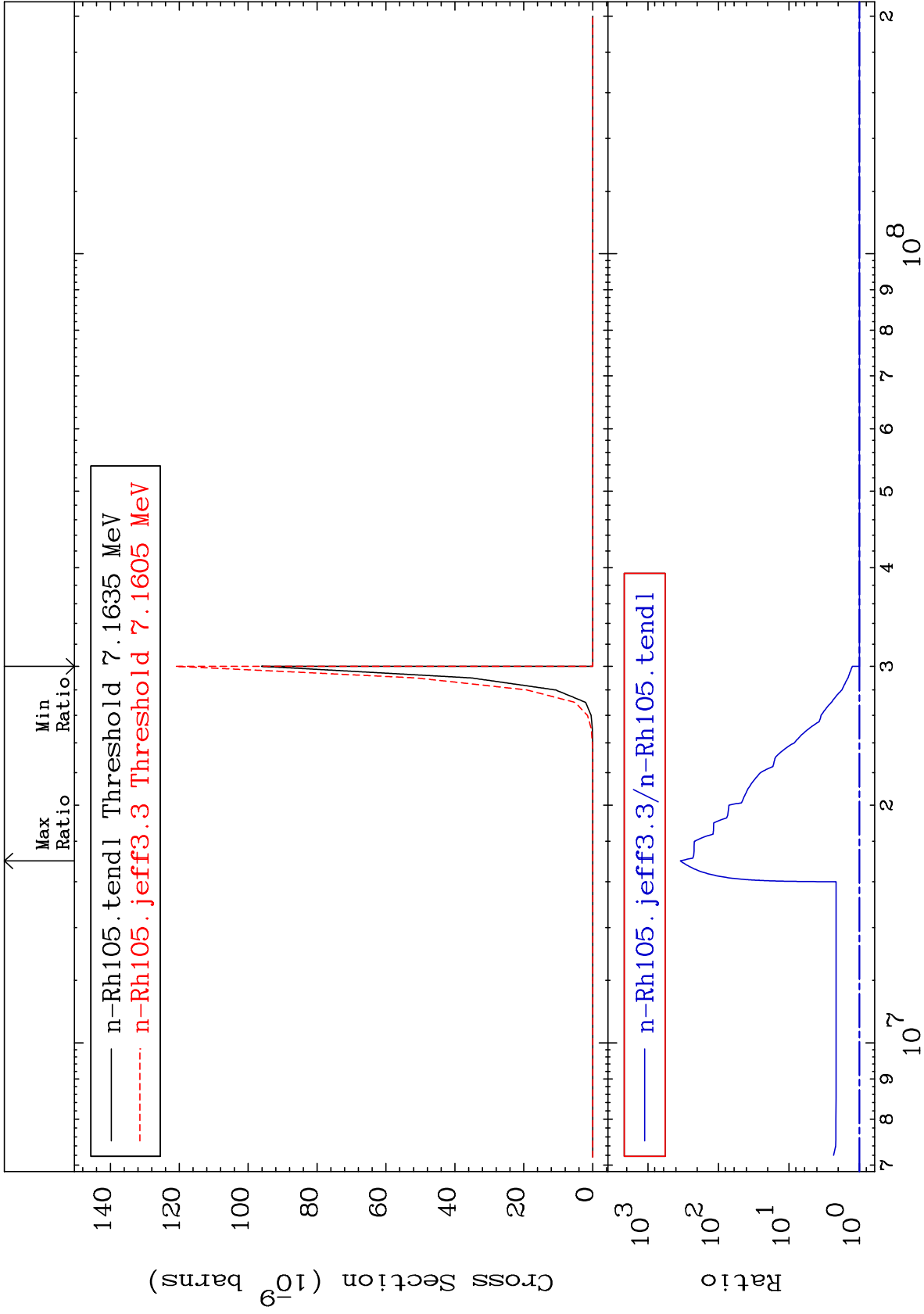
Incident Energy (eV)

45-Rh-105

MAT 4531

(n, n') 2α
Cross Section

45-Rh-105
To 9999. %
0.000



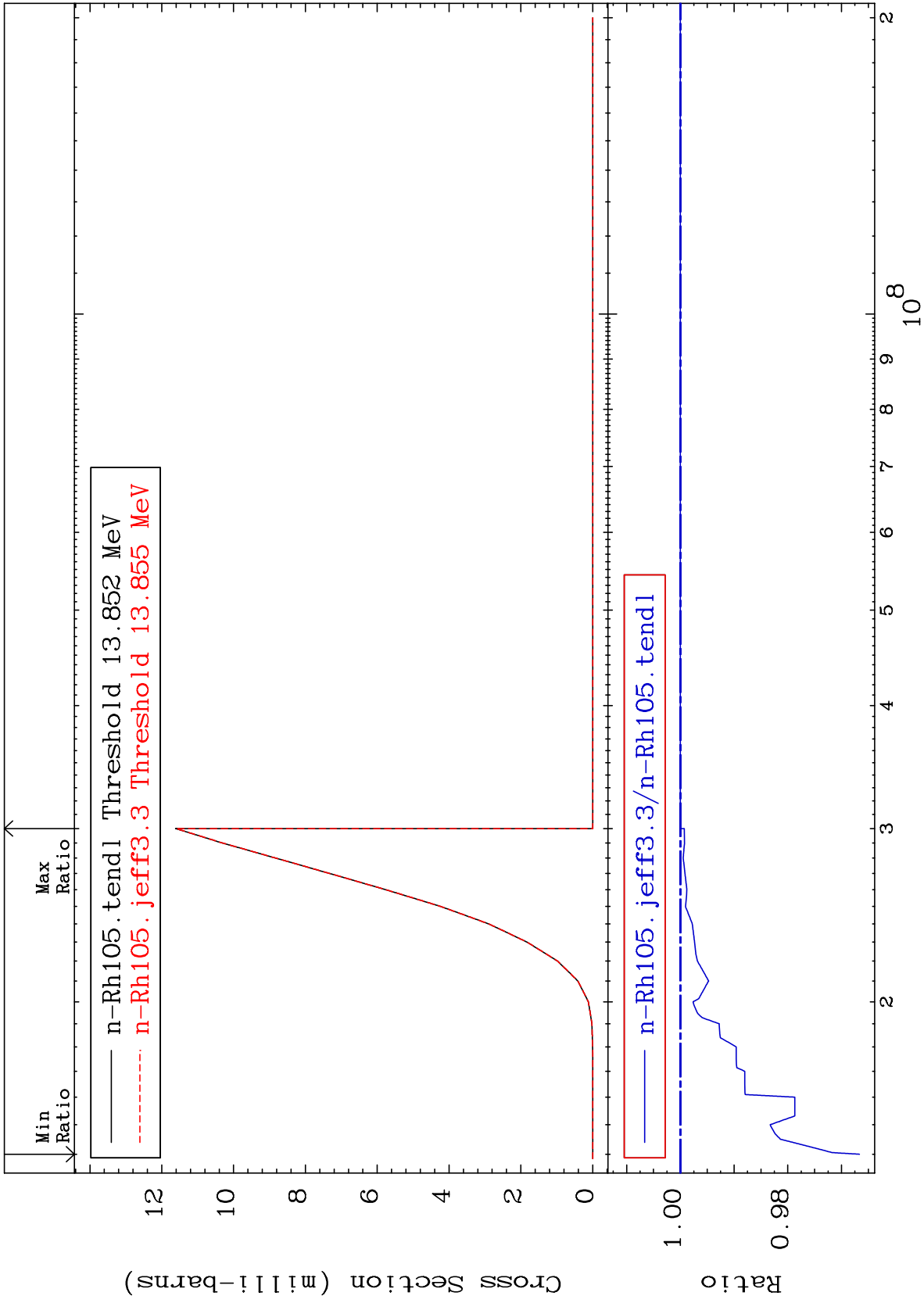
MAT 4531

(n,n') d

45-Rh-105

Cross Section

-3.334 To 0.000 %



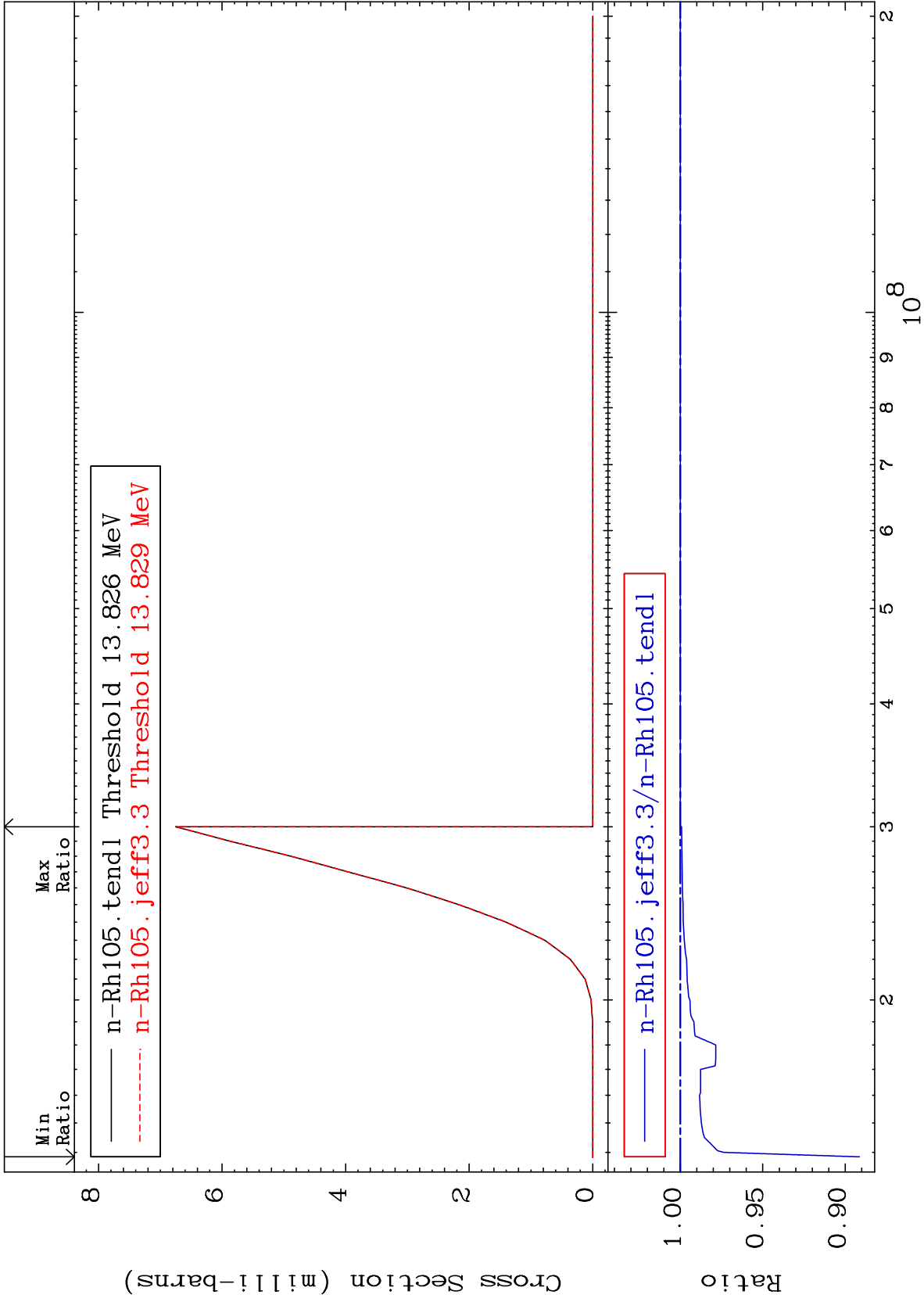
12

Incident Energy (eV)

45-Rh-105

Cross Section

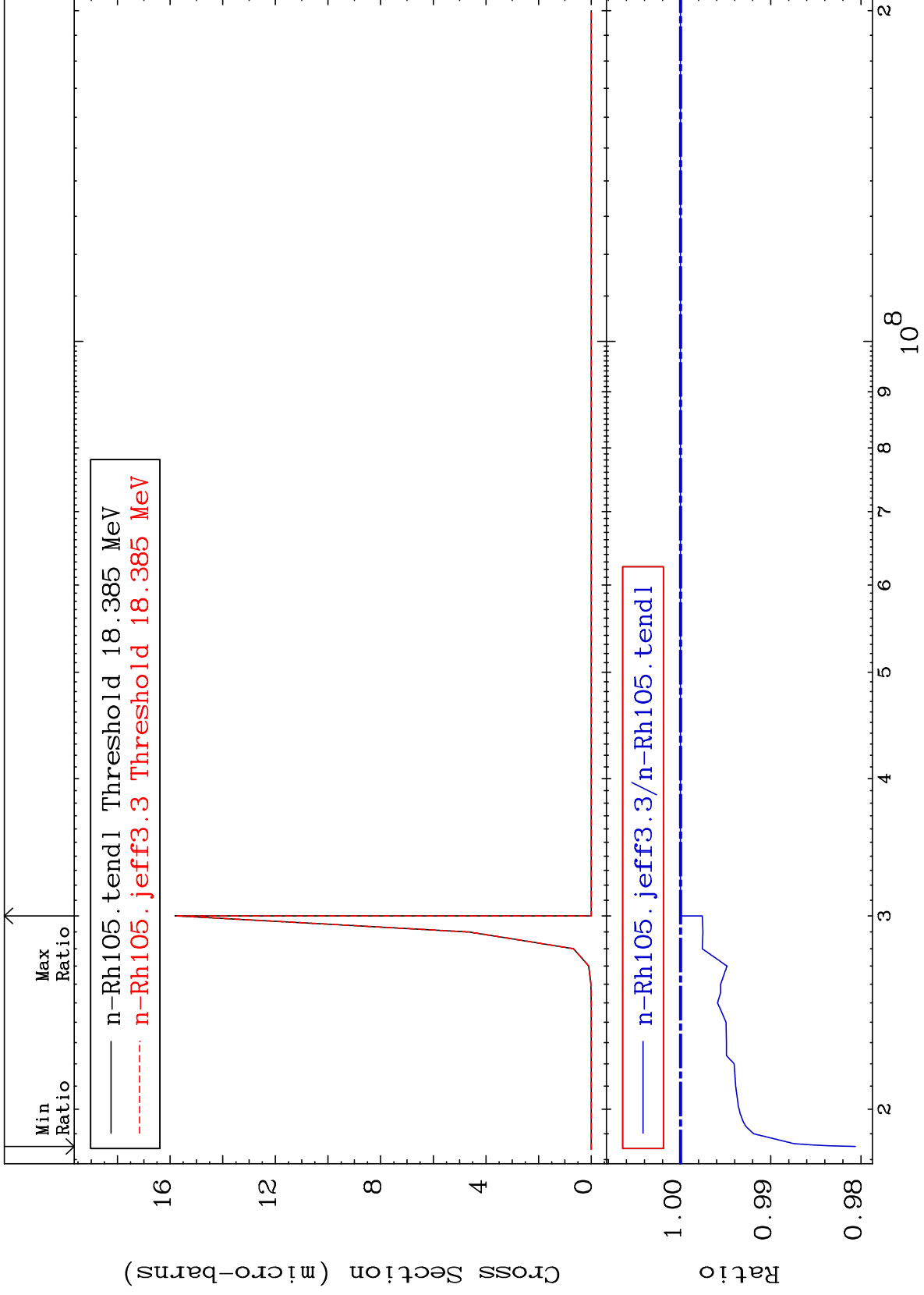
-10.86 To 0.000 %



MAT 4531

(n, n') He-3
Cross Section

45-Rh-105
-1.939 To 0.000 %



14

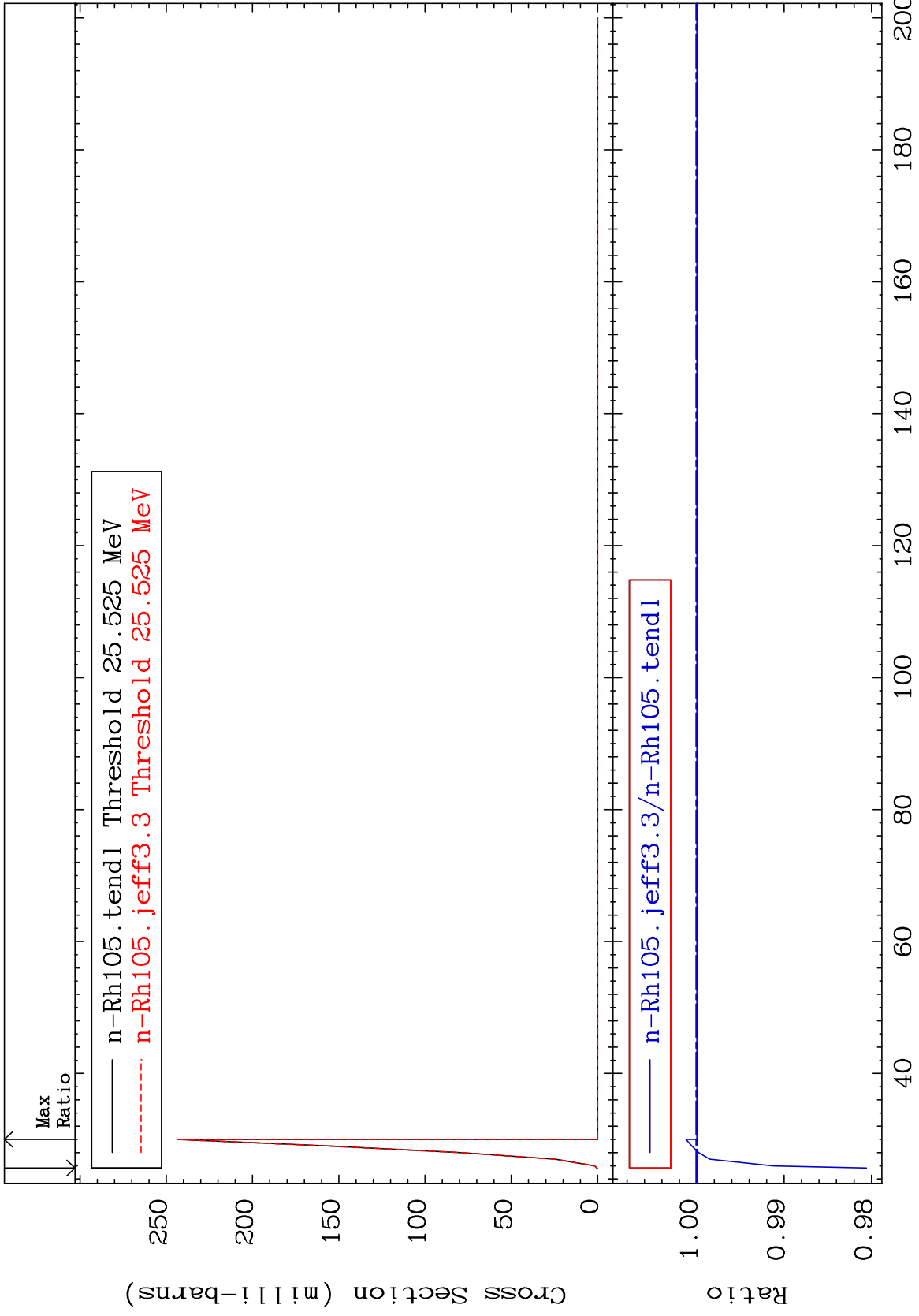
45-Rh-105

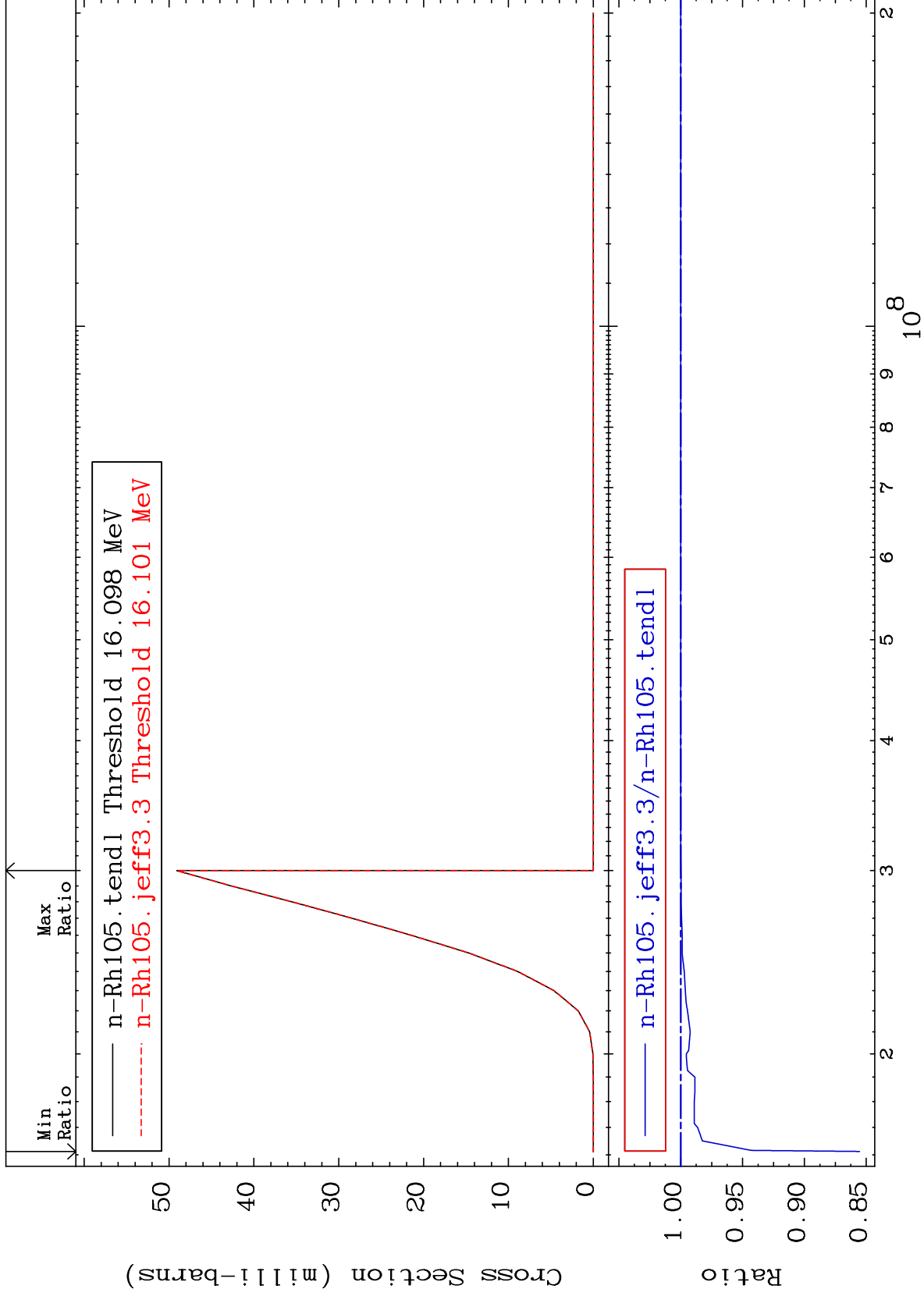
45-Rh-105

MAT 4531

(n,4n)
Cross Section

45-Rh-105
-1.943 To 0.124 %

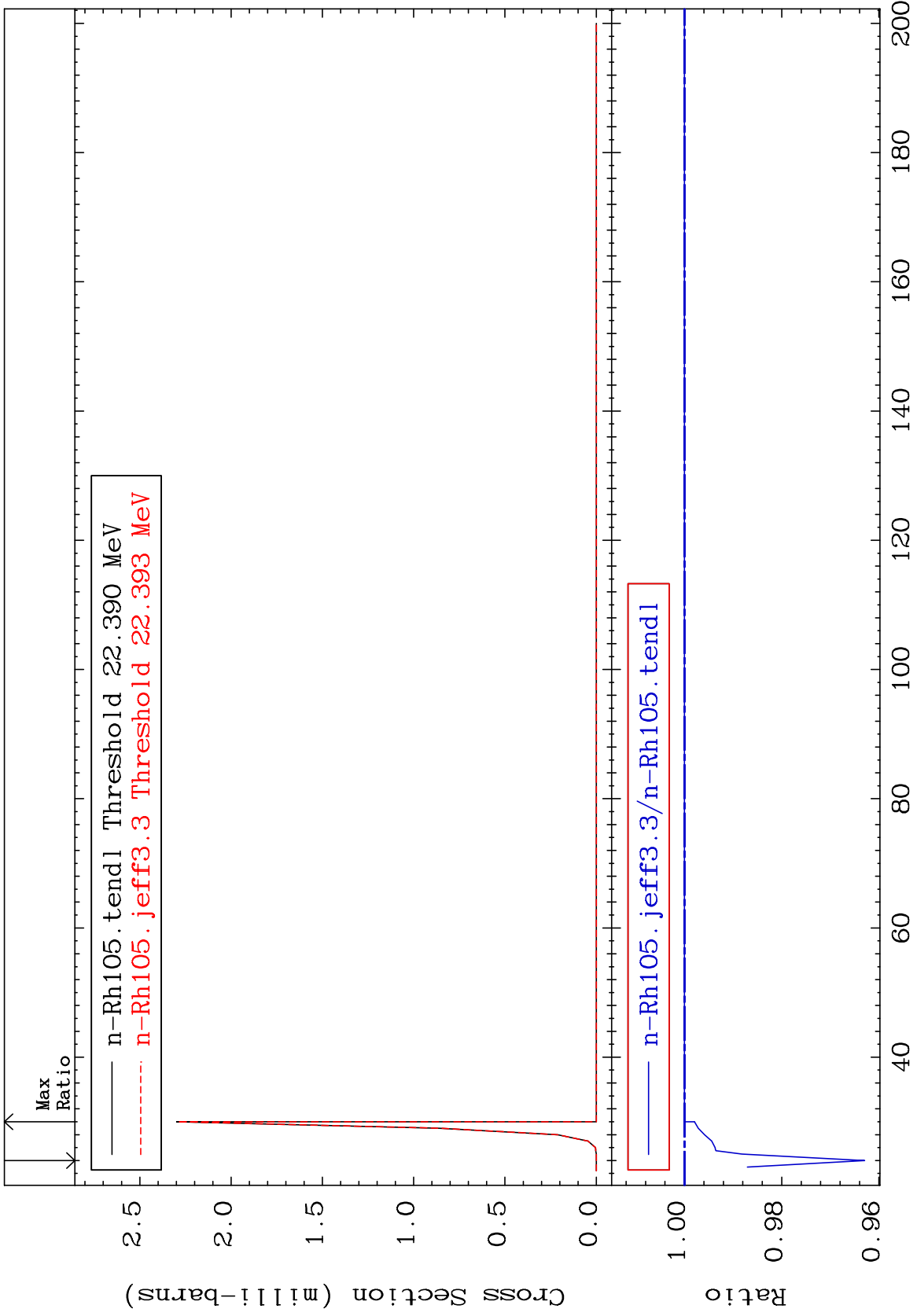




MAT 4531

(n,3n) p
Cross Section

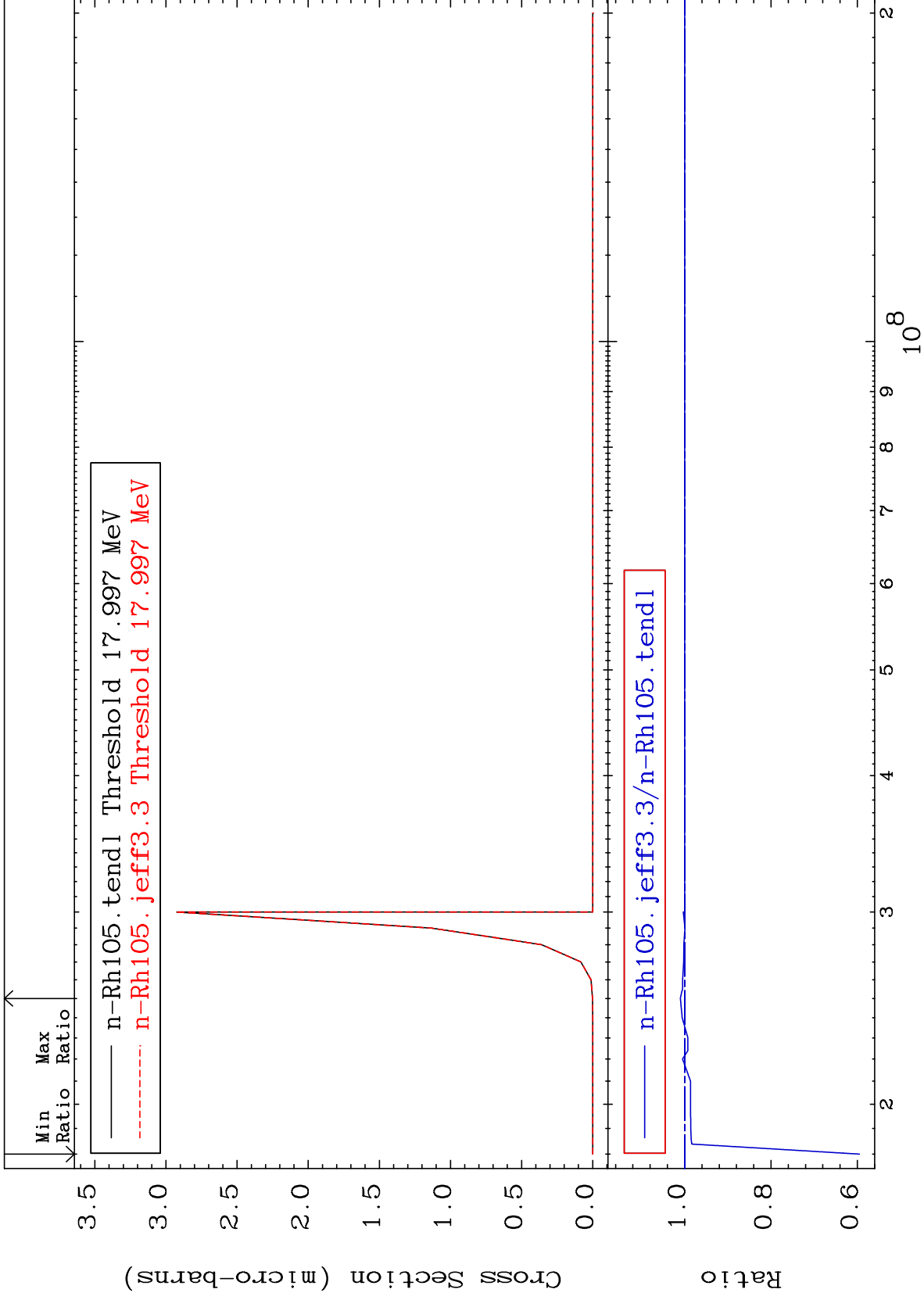
45-Rh-105
-3.705 To 0.000 %



MAT 4531

(n,2n) p
Cross Section

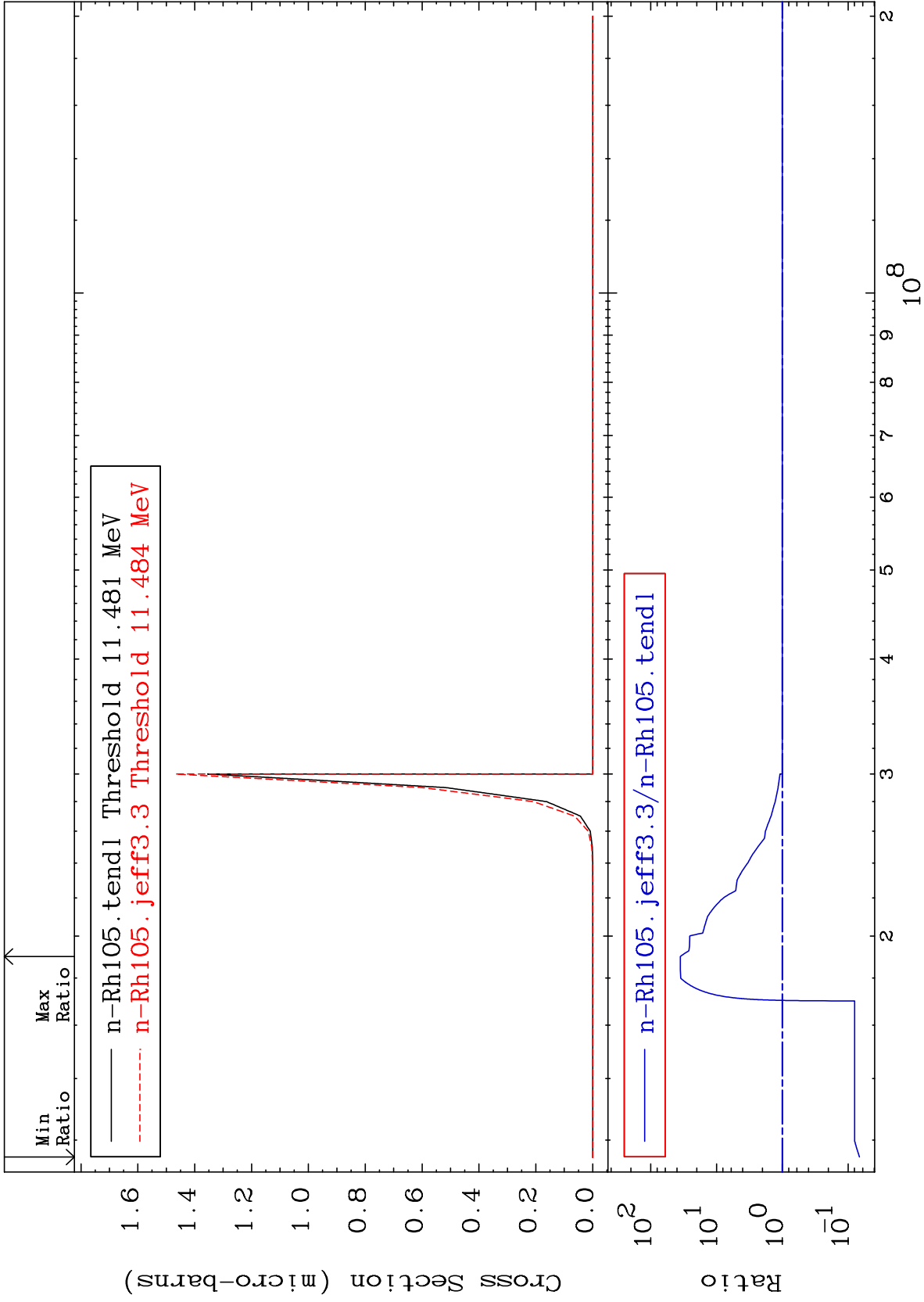
45-Rh-105
-40.48 To 0.998 %



18

Incident Energy (eV)

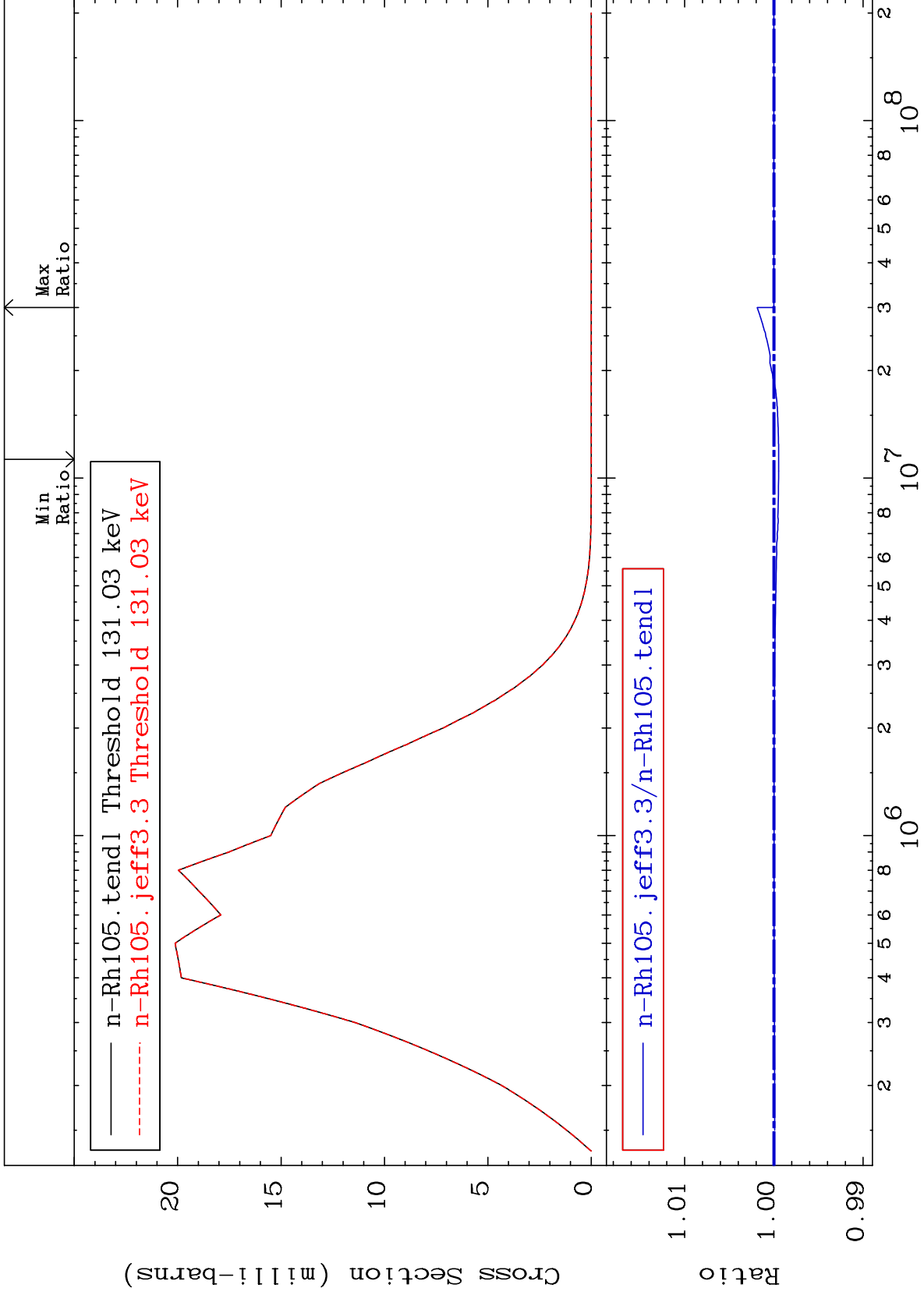
45-Rh-105



MAT 4531

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

45-Rh-105
-0.053 To 0.187 %



20

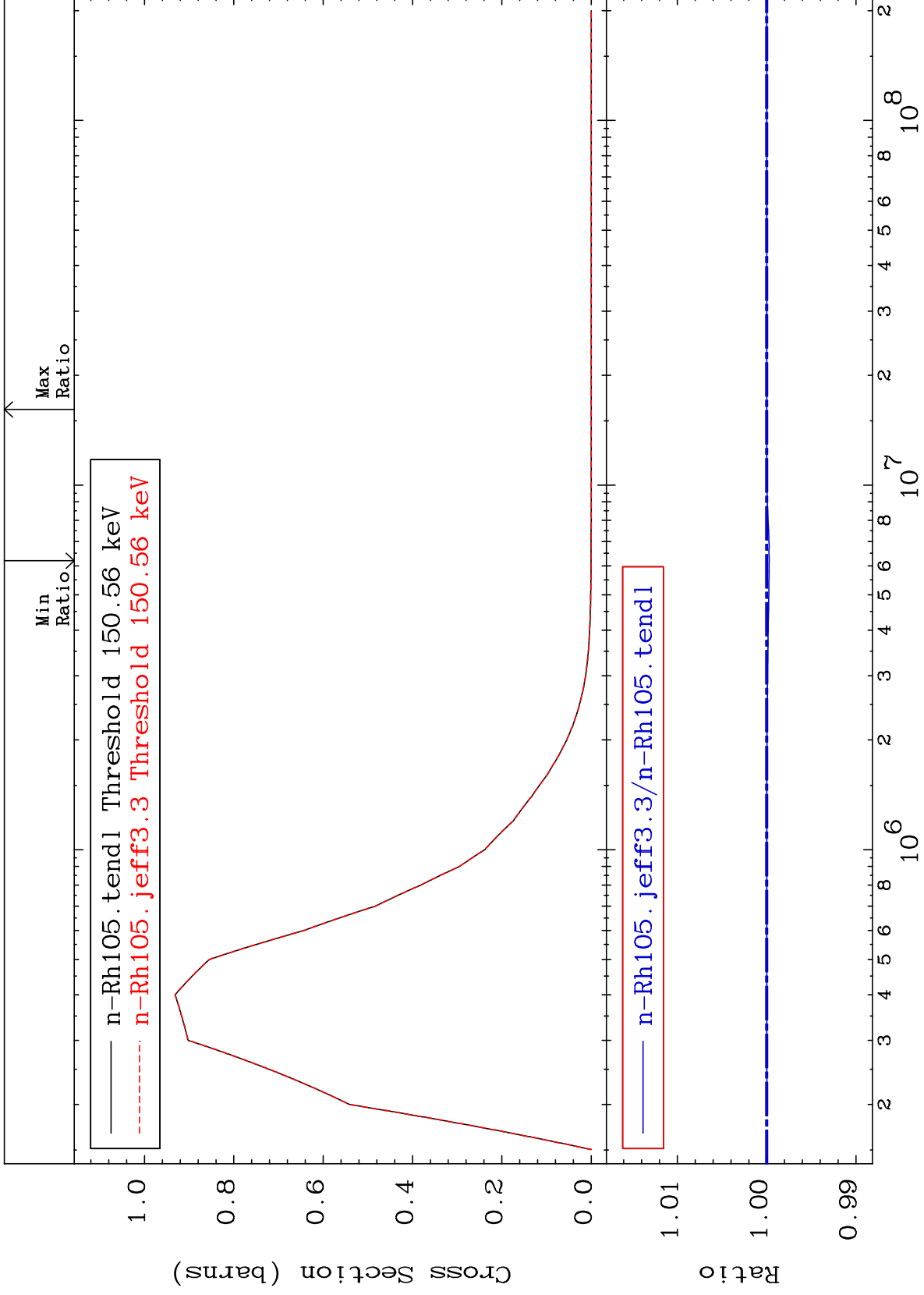
Incident Energy (eV)

45-Rh-105

MAT 4531

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

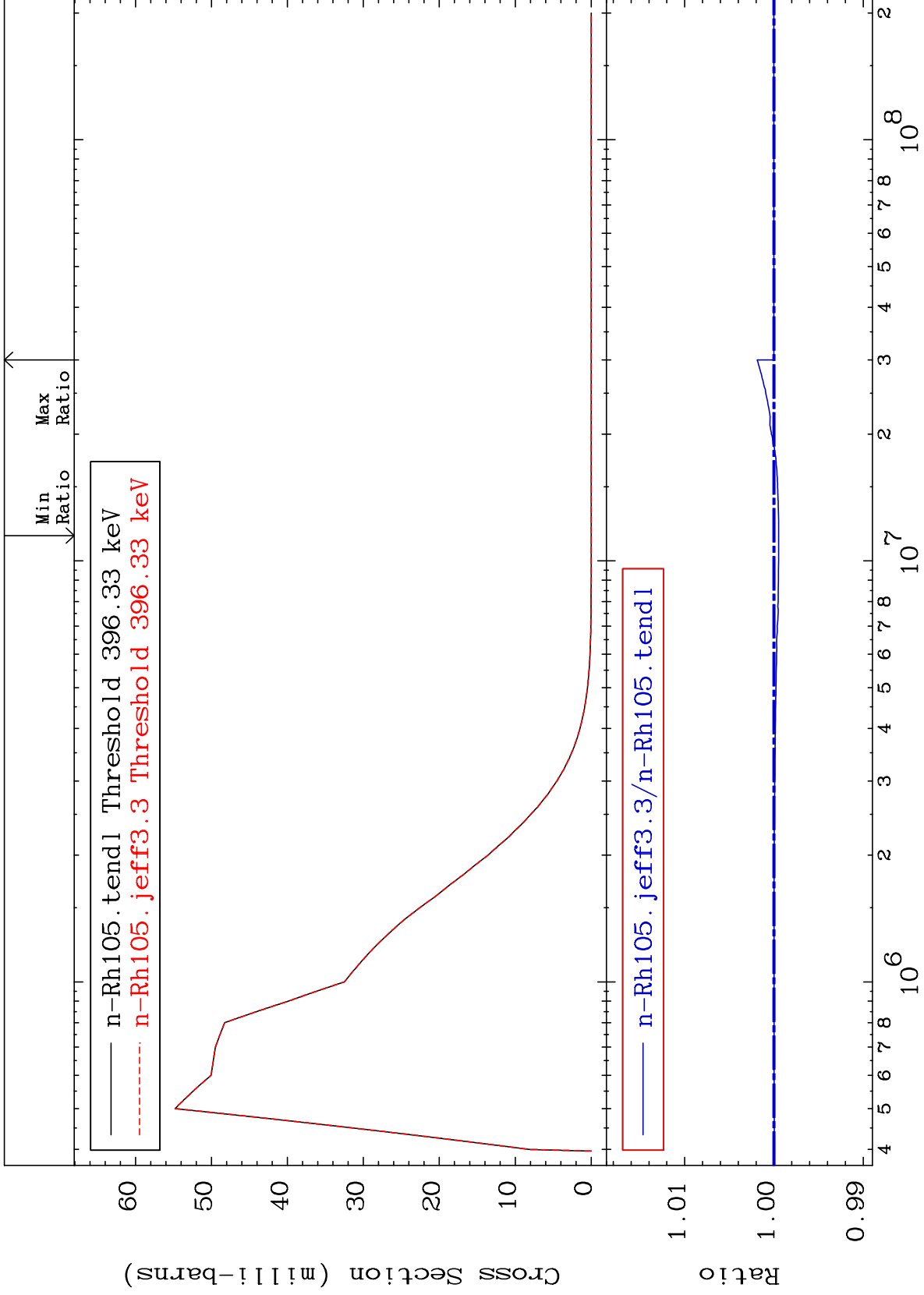
45-Rh-105
-0.028 To 0.000 %



MAT 4531

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

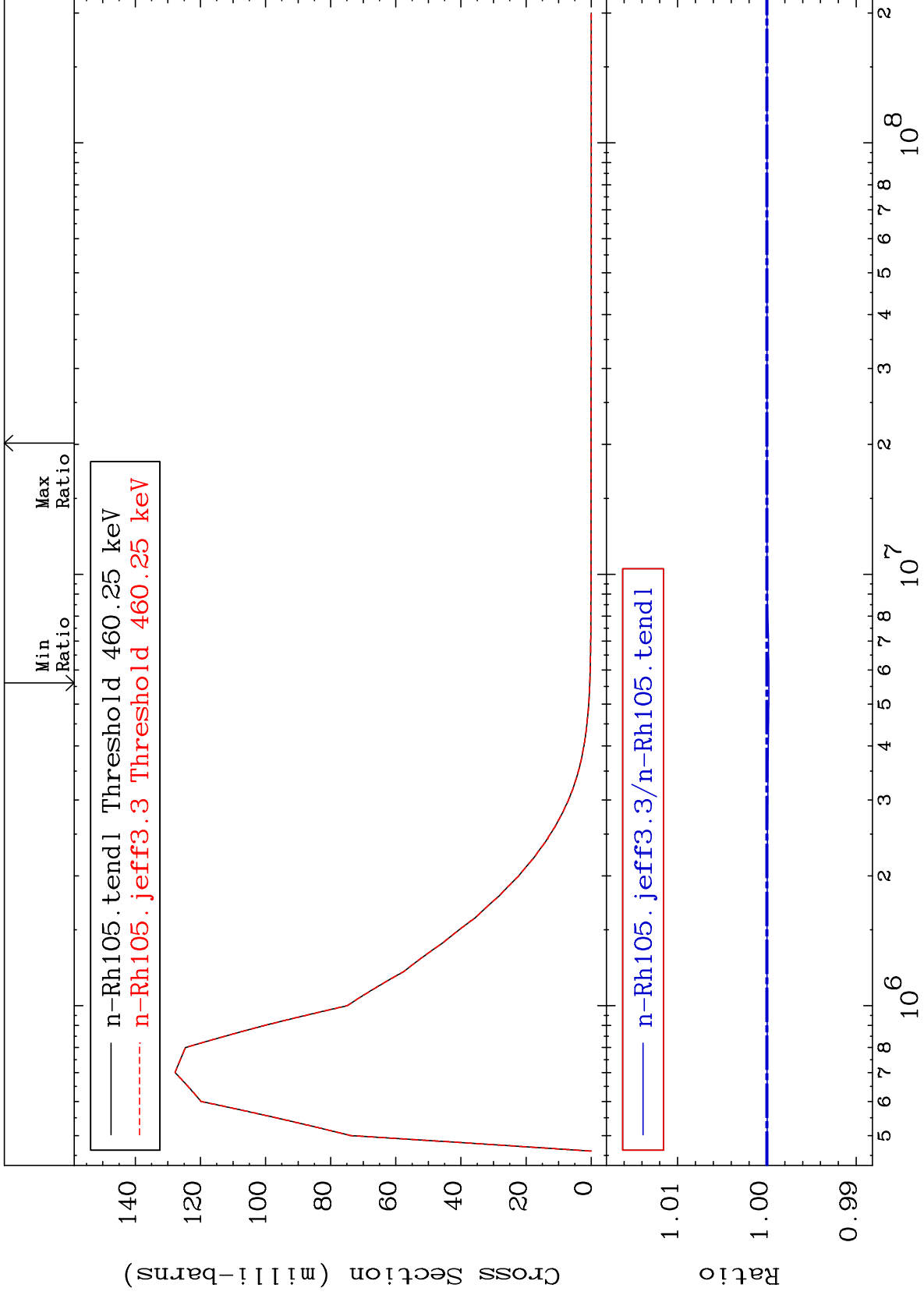
45-Rh-105
-0.053 To 0.187 %



MAT 4531

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

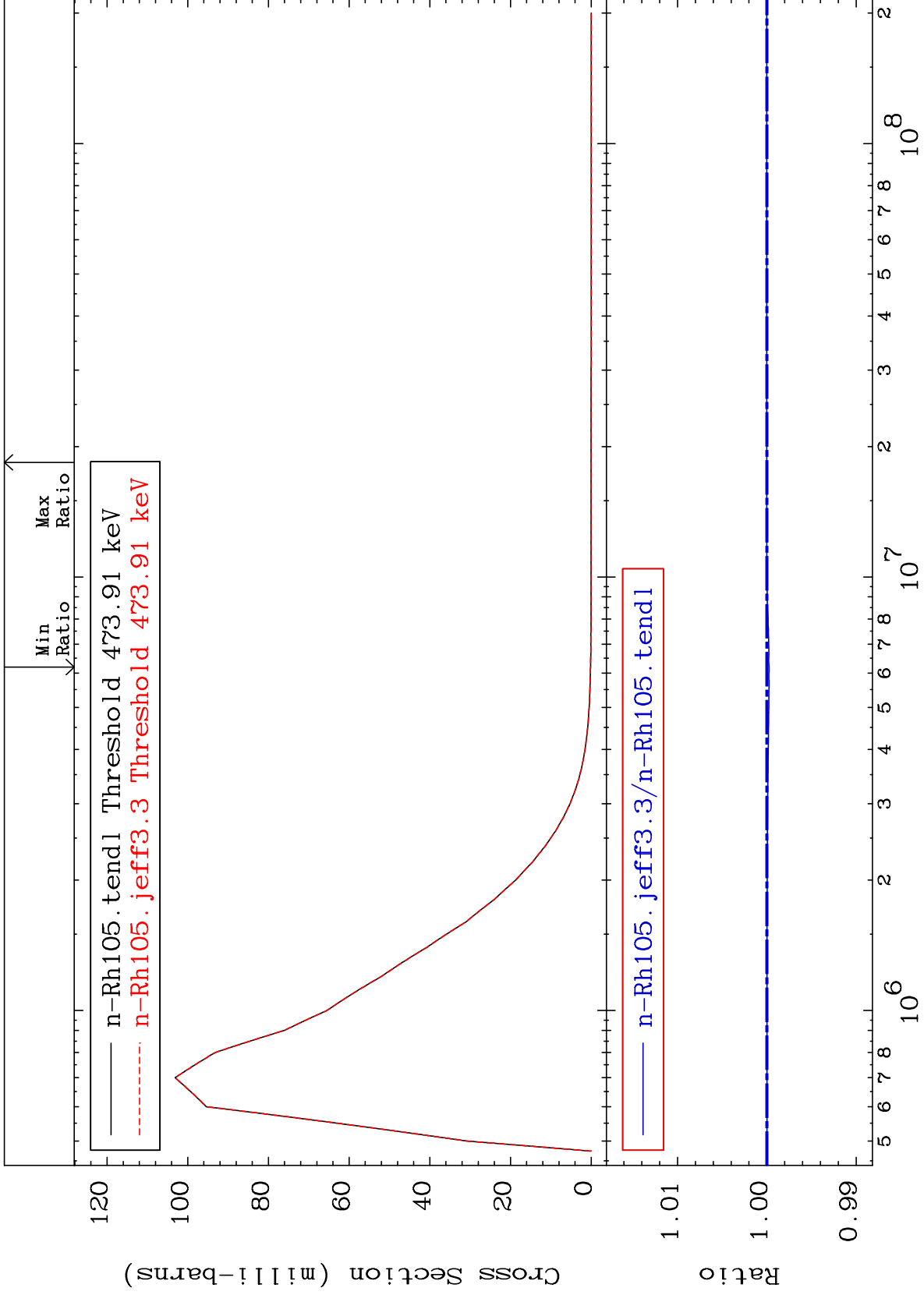
45-Rh-105
-0.023 To 0.000 %



MAT 4531

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

45-Rh-105
-0.025 To 0.000 %



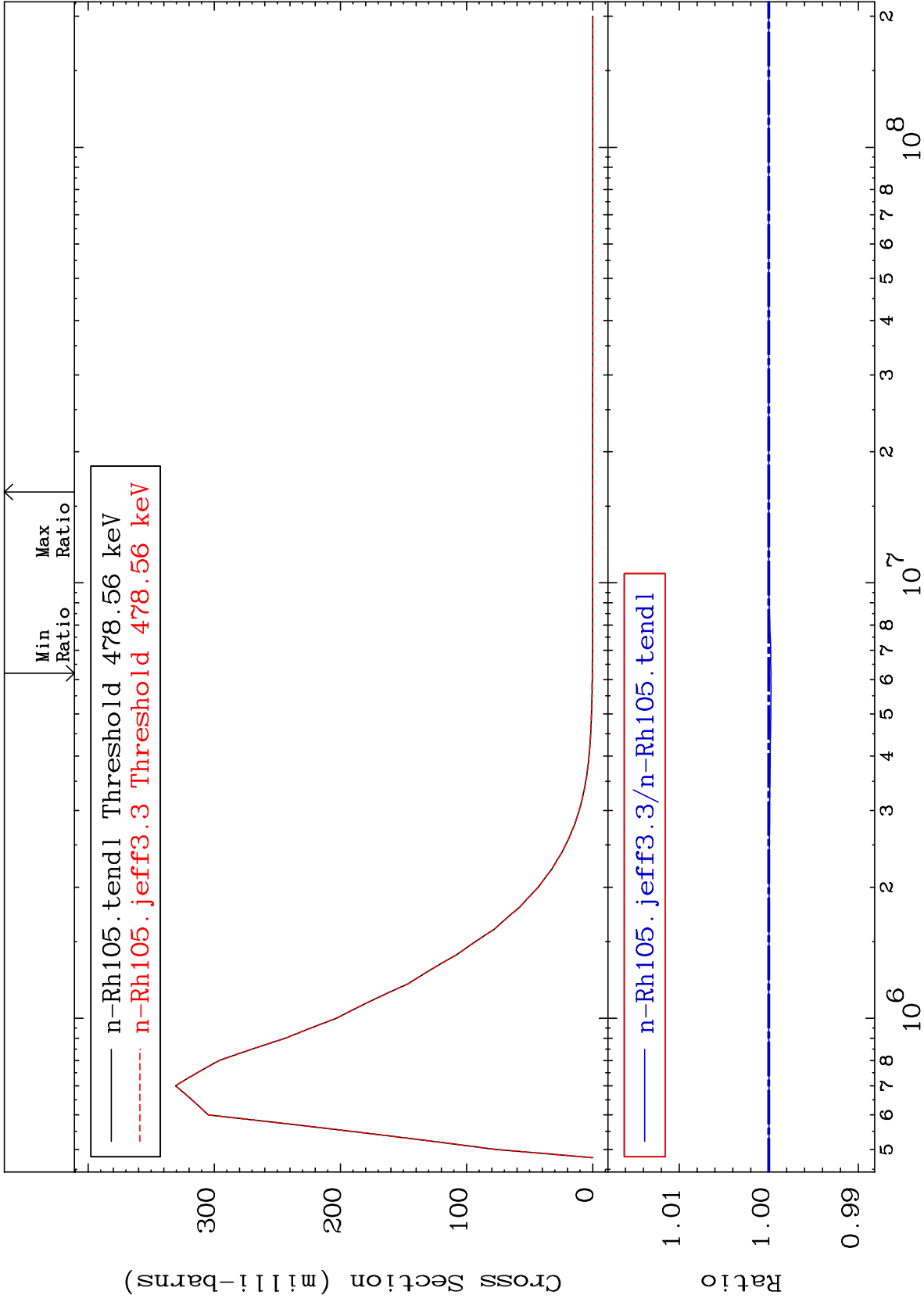
MAT 4531

MT= 56 (n,n') Level

45-Rh-105

-0.026 To 0.000 %

Cross Section



25

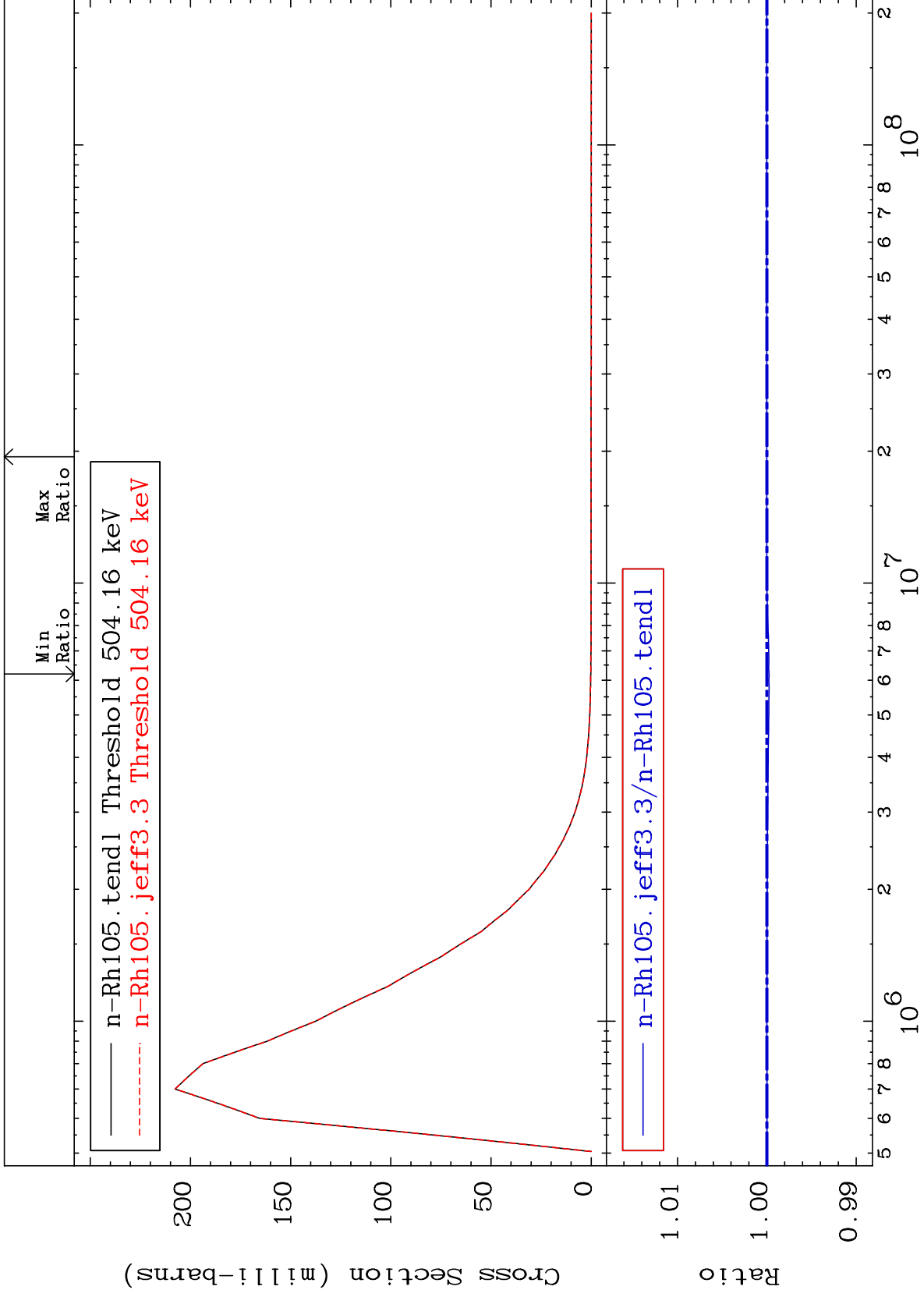
Incident Energy (eV)

45-Rh-105

MAT 4531

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

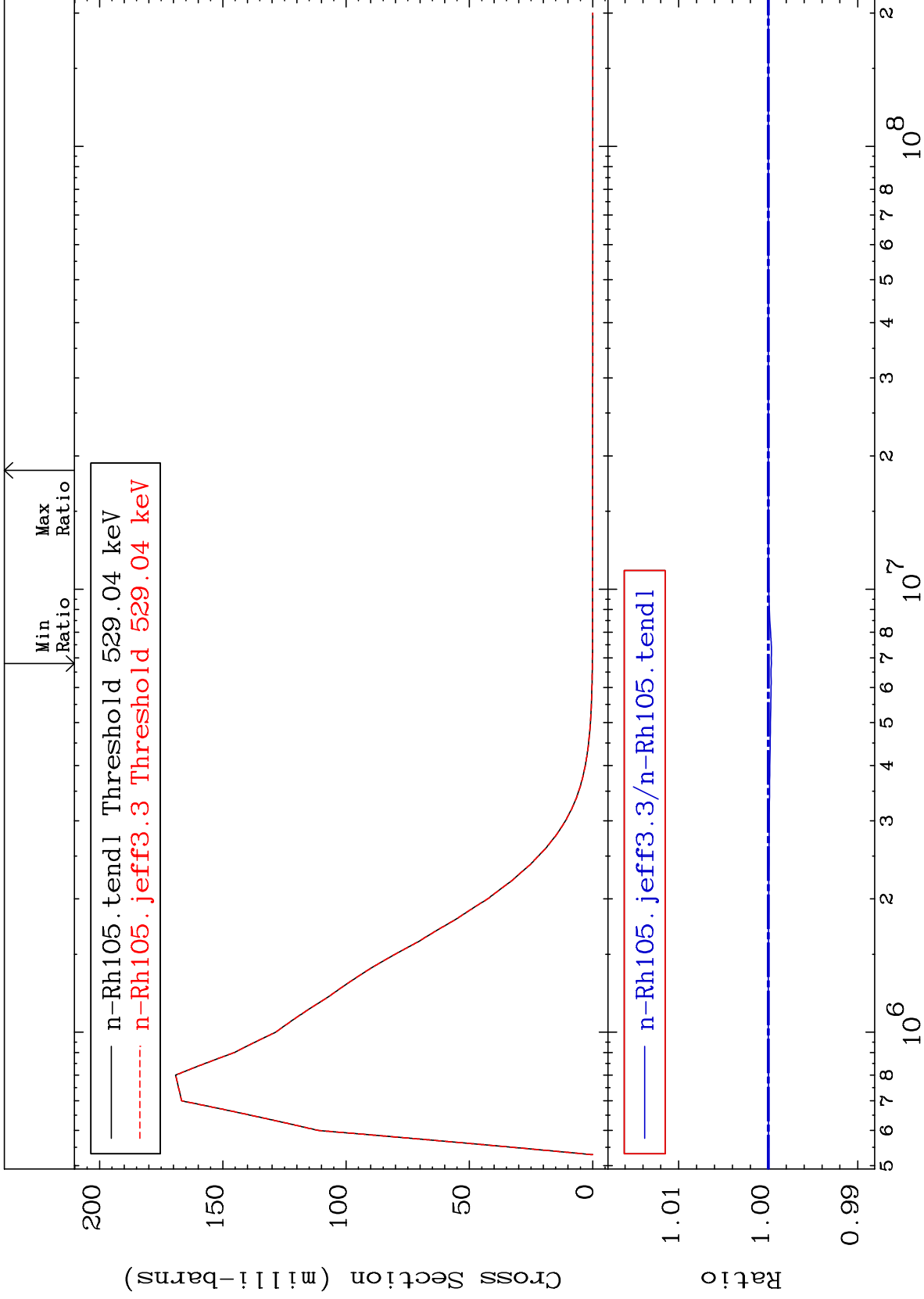
45-Rh-105
-0.025 To 0.000 %



MAT 4531

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

45-Rh-105
-0.036 To 0.000 %



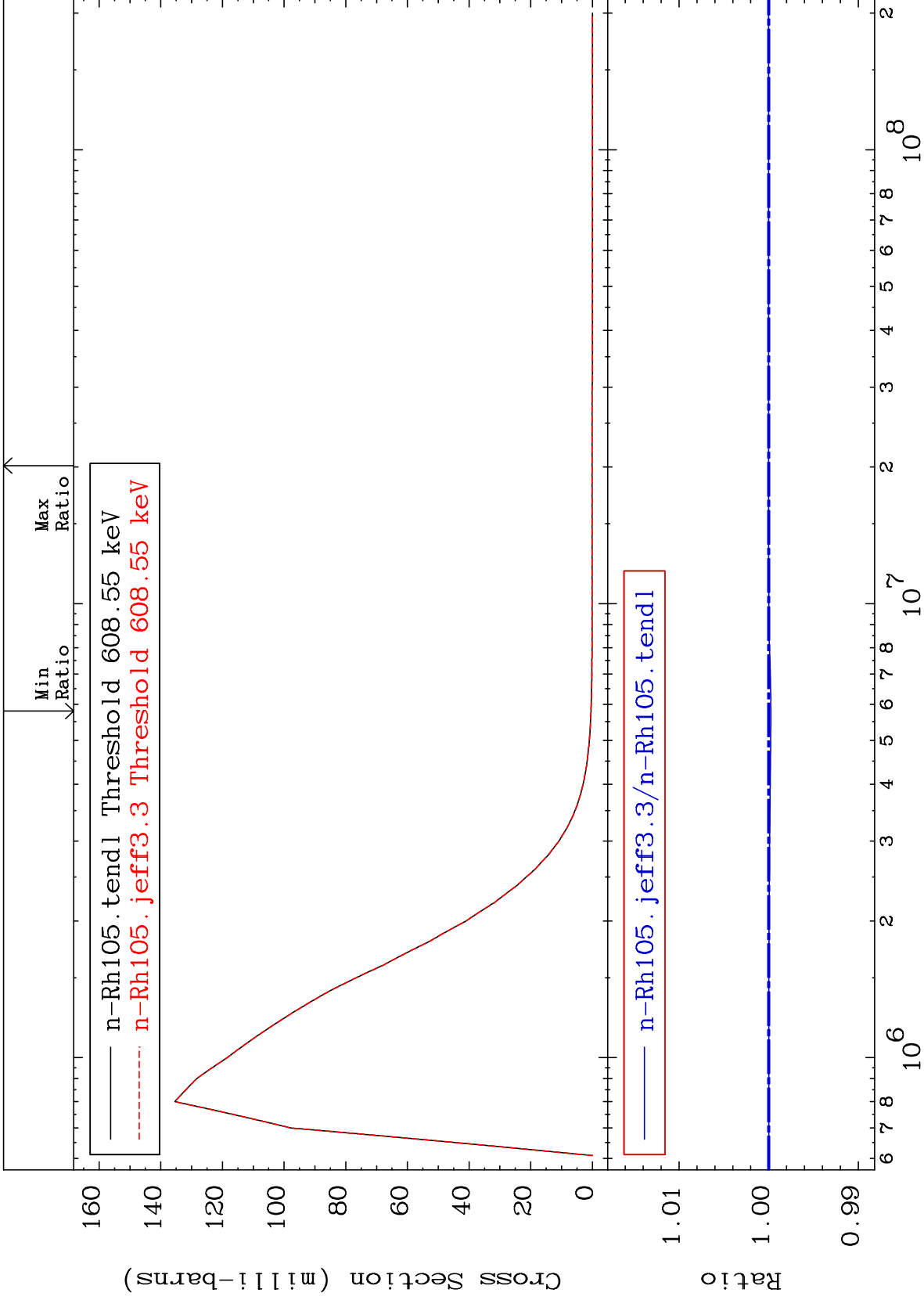
MAT 4531

MT= 59 (n,n') Level

45-Rh-105

-0.025 To 0.000 %

Cross Section



28

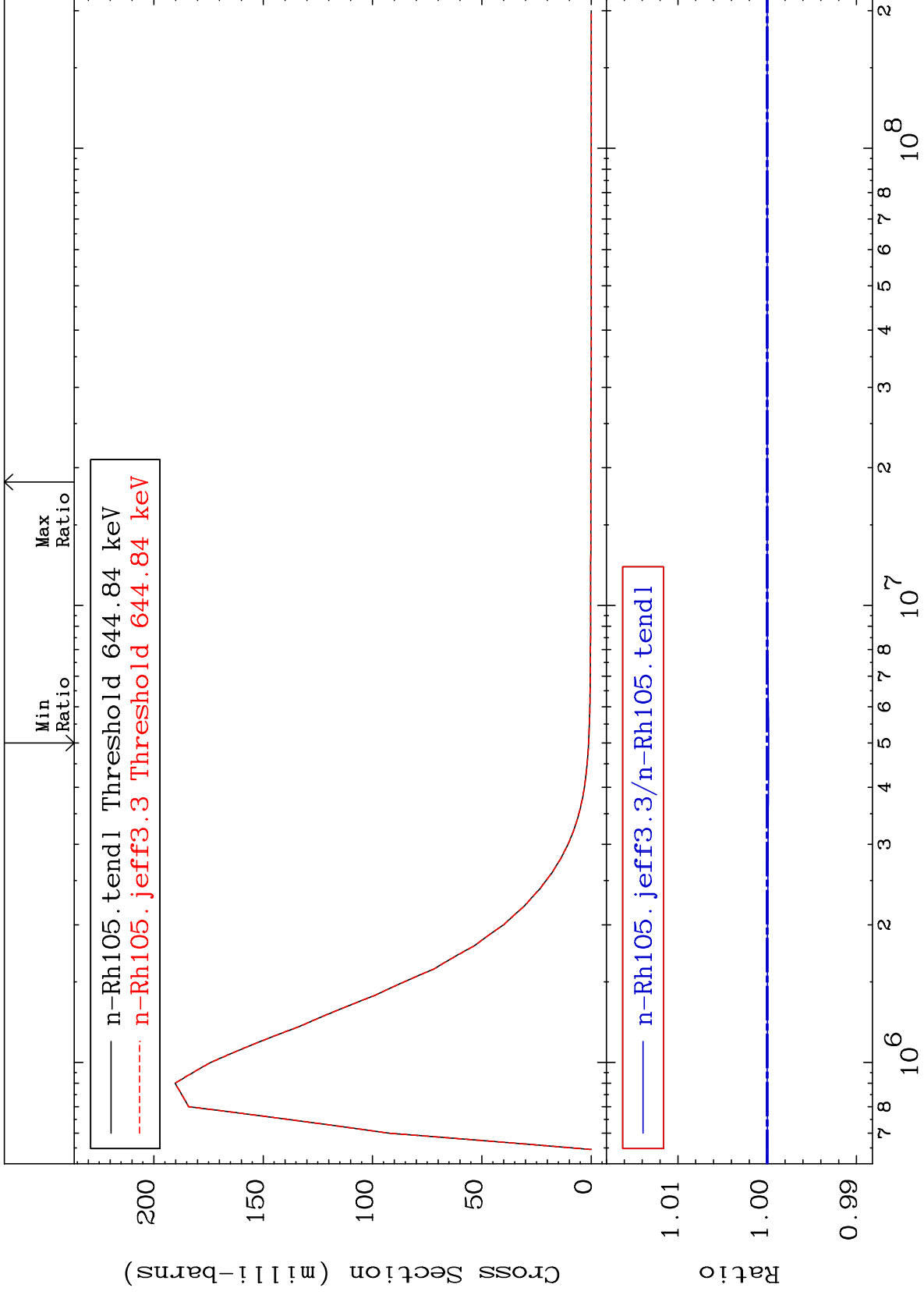
Incident Energy (eV)

45-Rh-105

MAT 4531

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

45-Rh-105
-0.017 To 0.000 %



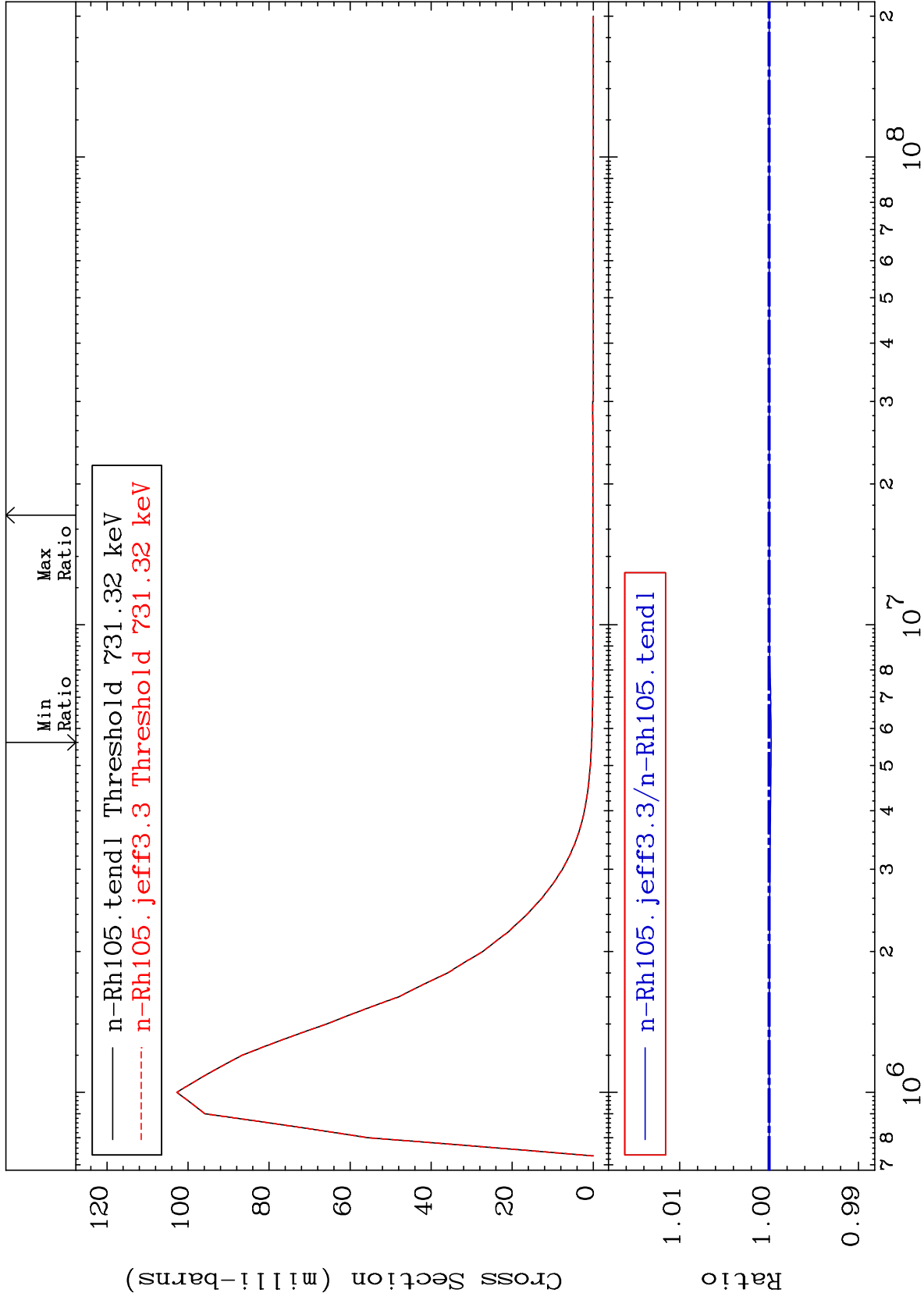
MAT 4531

MT= 61 (n,n') Level

45-Rh-105

-0.023 To 0.000 %

Cross Section



30

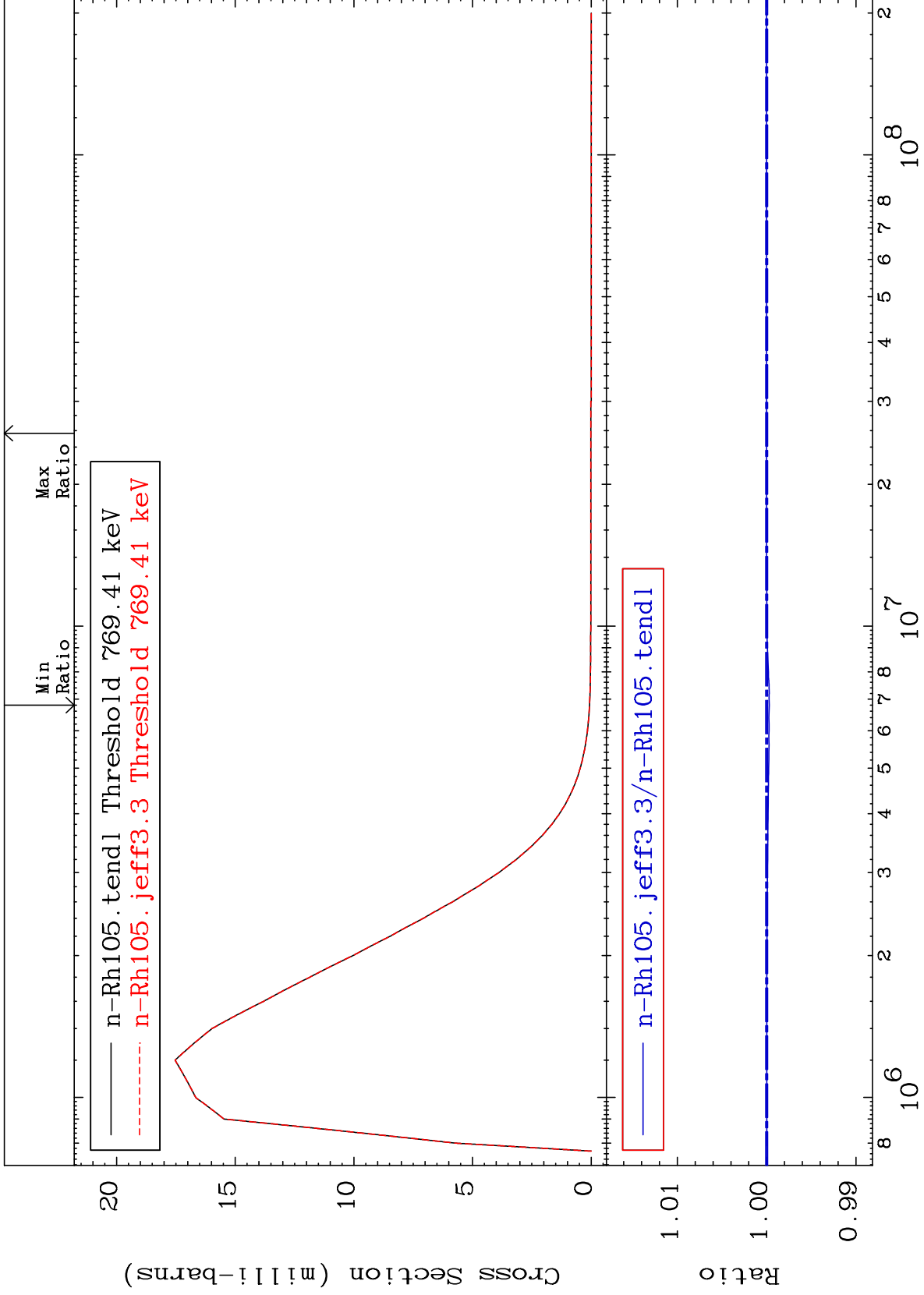
Incident Energy (eV)

45-Rh-105

MAT 4531

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

45-Rh-105
-0.029 To 0.000 %



31

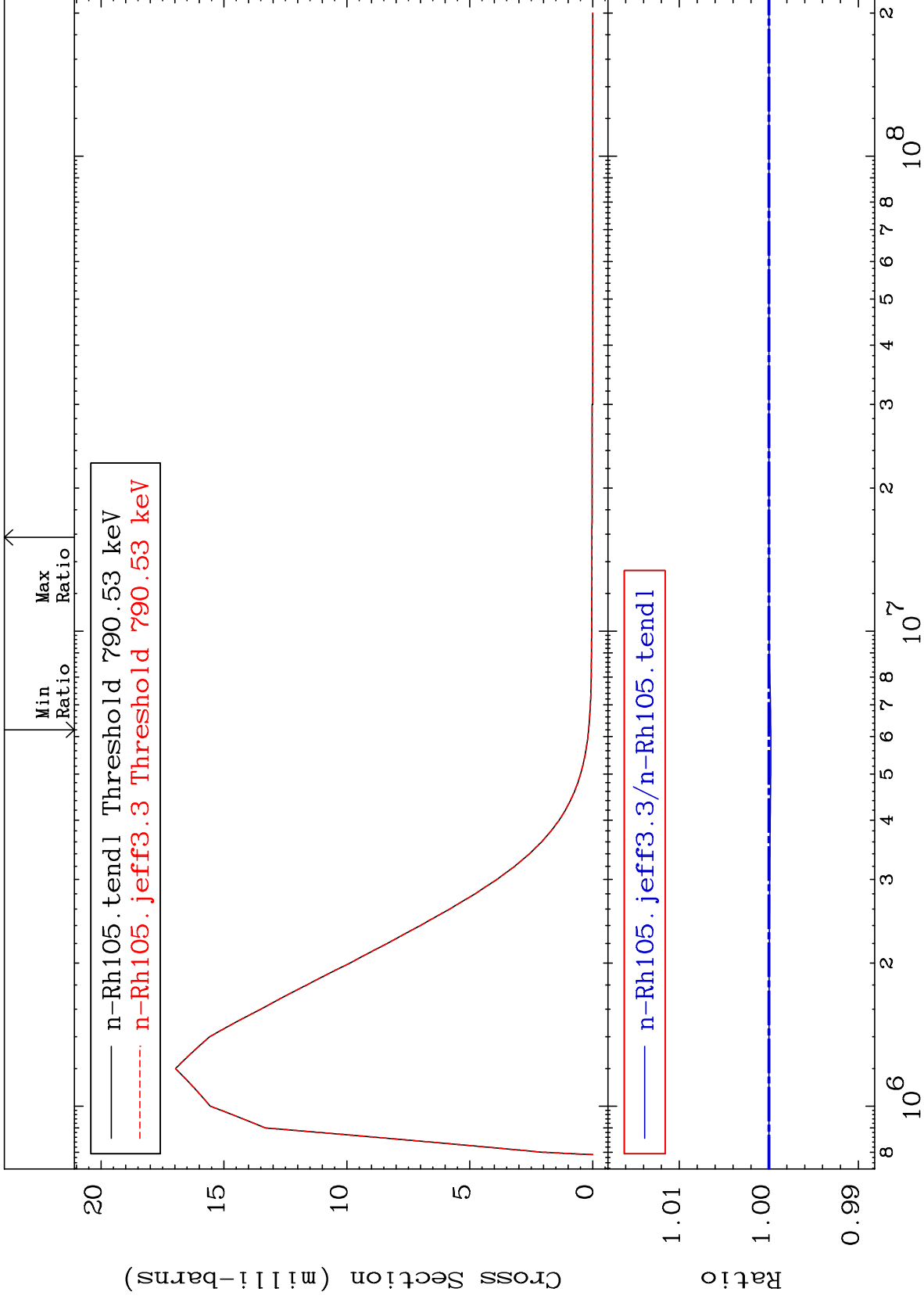
Incident Energy (eV)

45-Rh-105

MAT 4531

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

45-Rh-105
-0.022 To 0.000 %



32

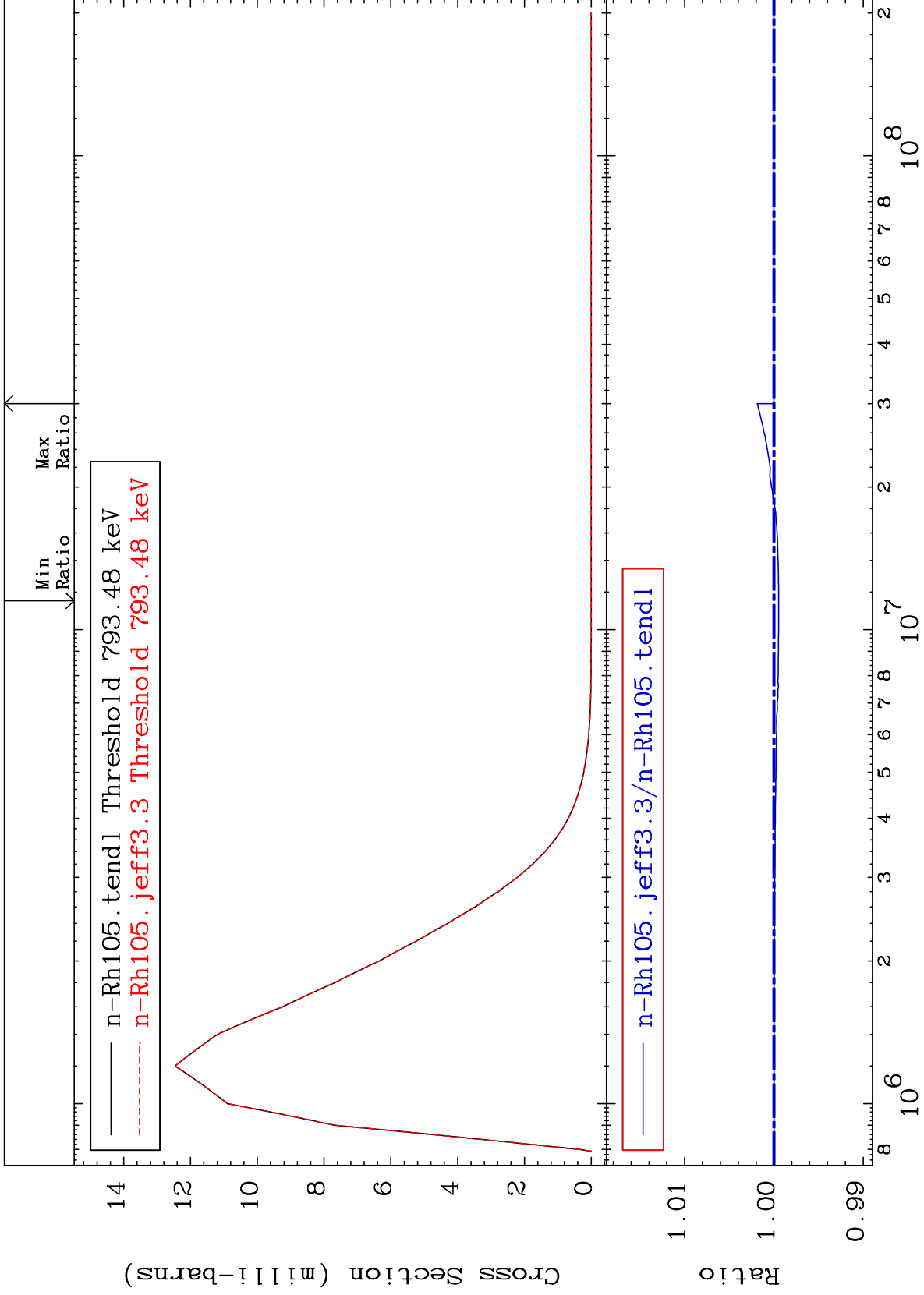
Incident Energy (eV)

45-Rh-105

MAT 4531

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

45-Rh-105
-0.053 To 0.187 %



33

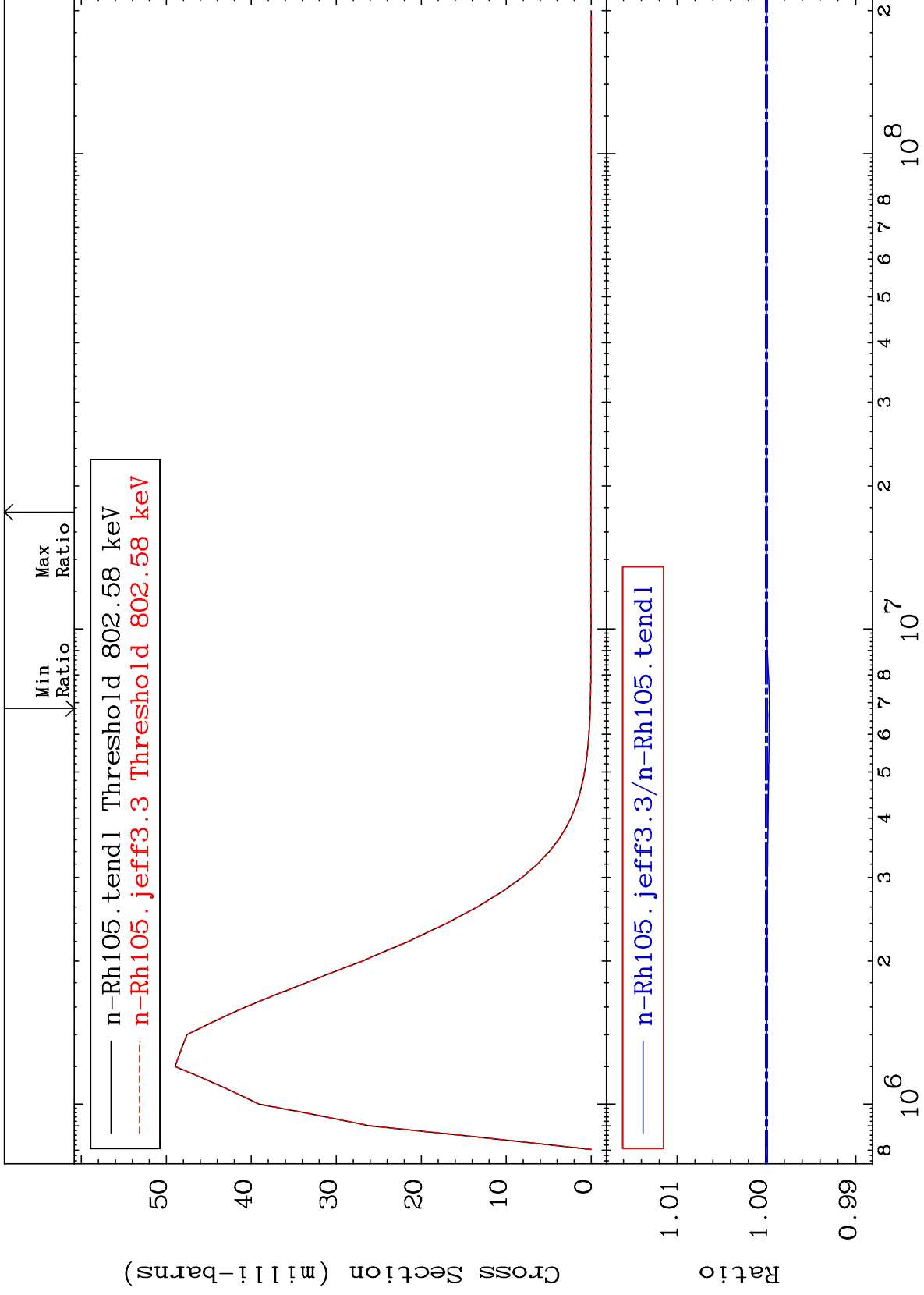
Incident Energy (eV)

45-Rh-105

MAT 4531

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

45-Rh-105
-0.035 To 0.000 %



34

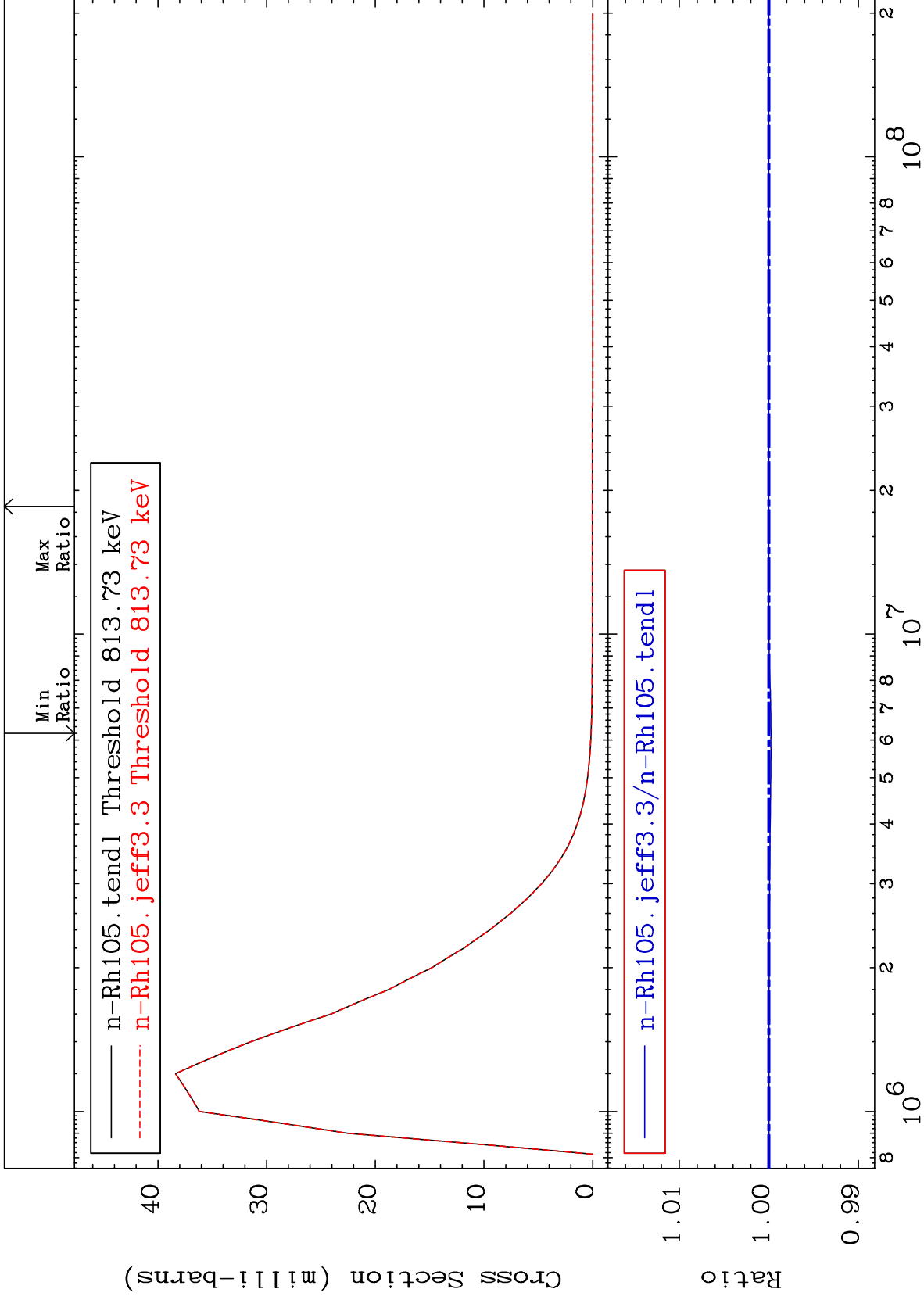
Incident Energy (eV)

45-Rh-105

MAT 4531

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

45-Rh-105
-0.025 To 0.000 %



35

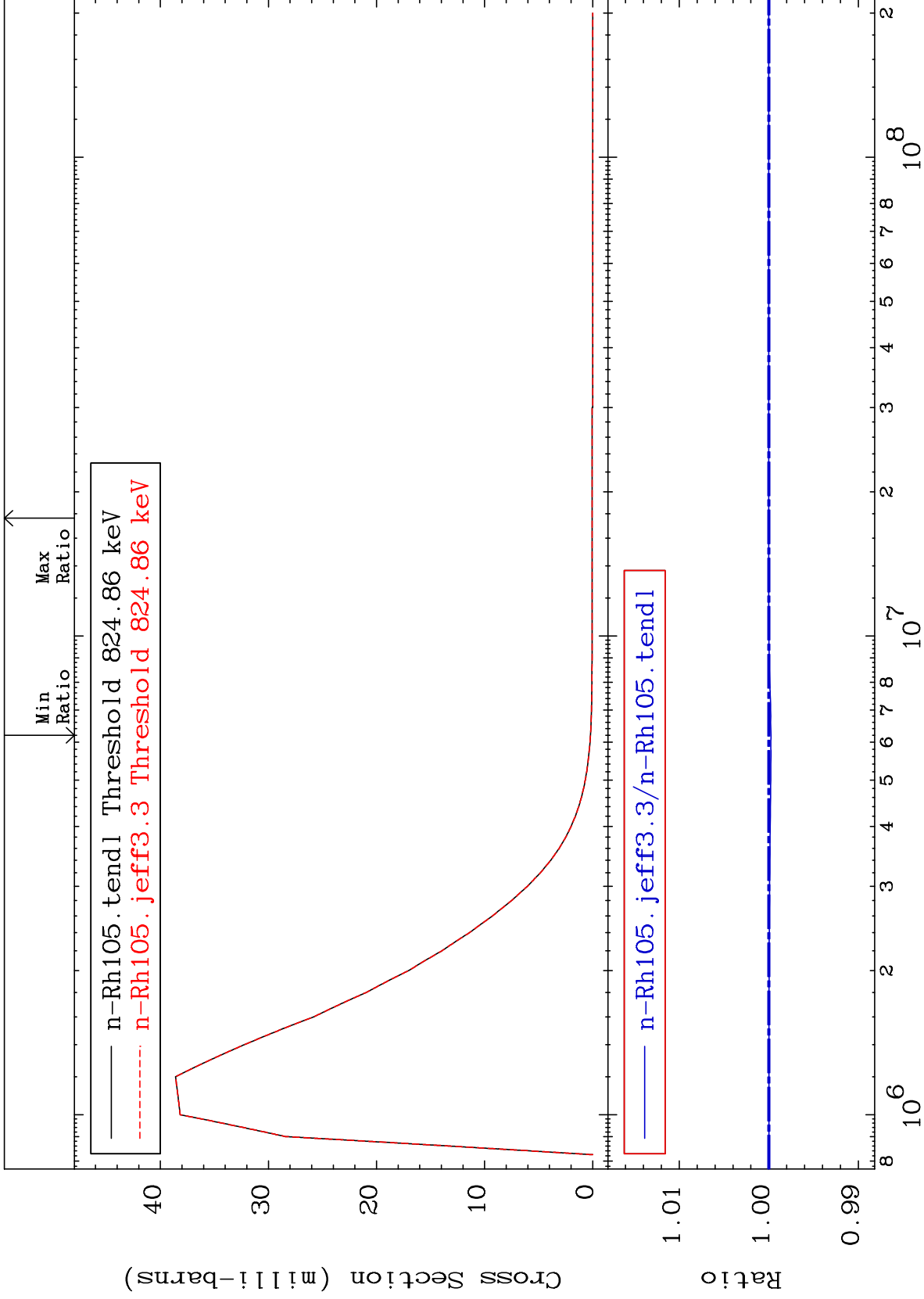
Incident Energy (eV)

45-Rh-105

MAT 4531

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

45-Rh-105
-0.025 To 0.000 %



36

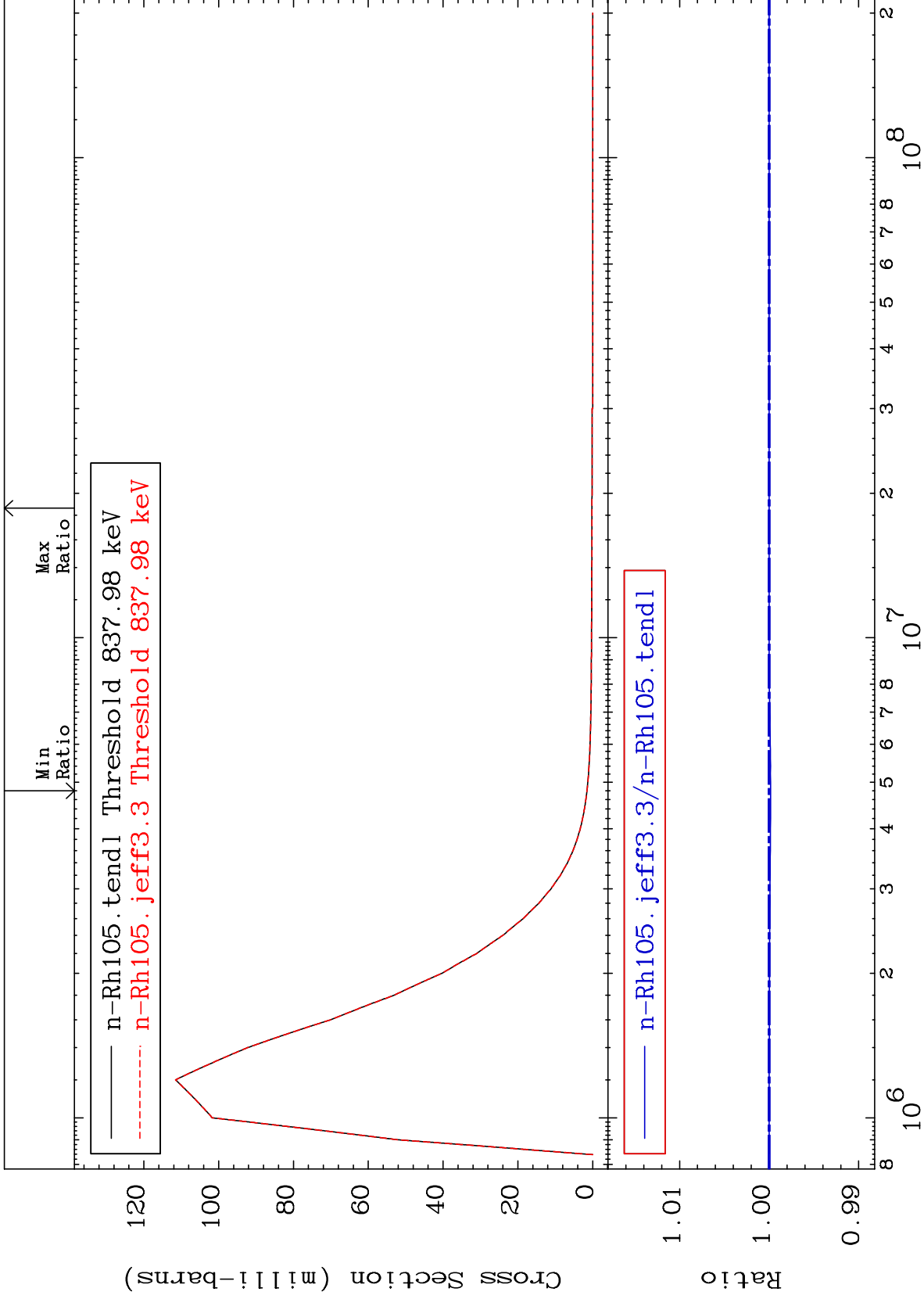
Incident Energy (eV)

45-Rh-105

MAT 4531

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

45-Rh-105
-0.017 To 0.000 %



37

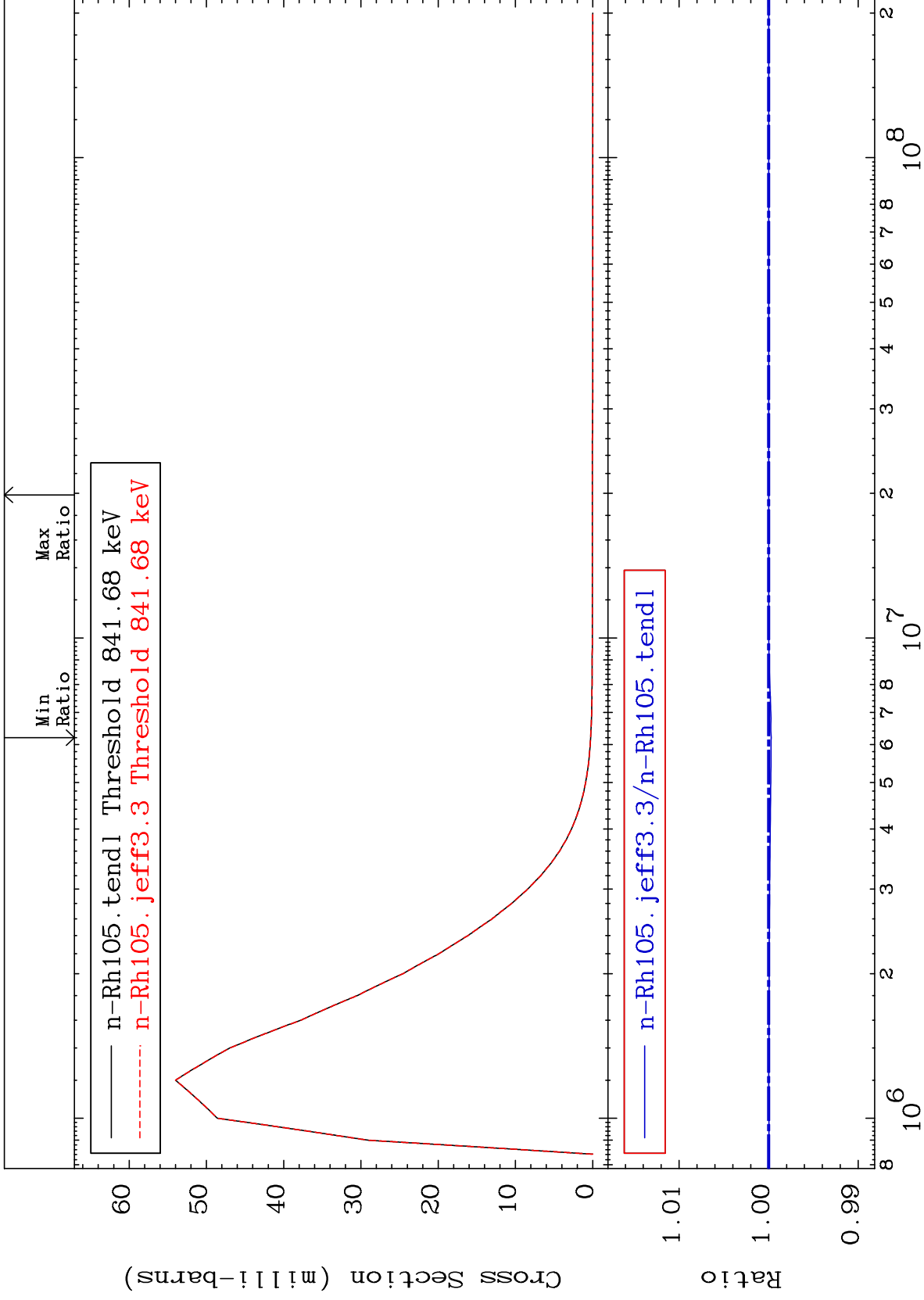
Incident Energy (eV)

45-Rh-105

MAT 4531

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

45-Rh-105
-0.028 To 0.000 %



38

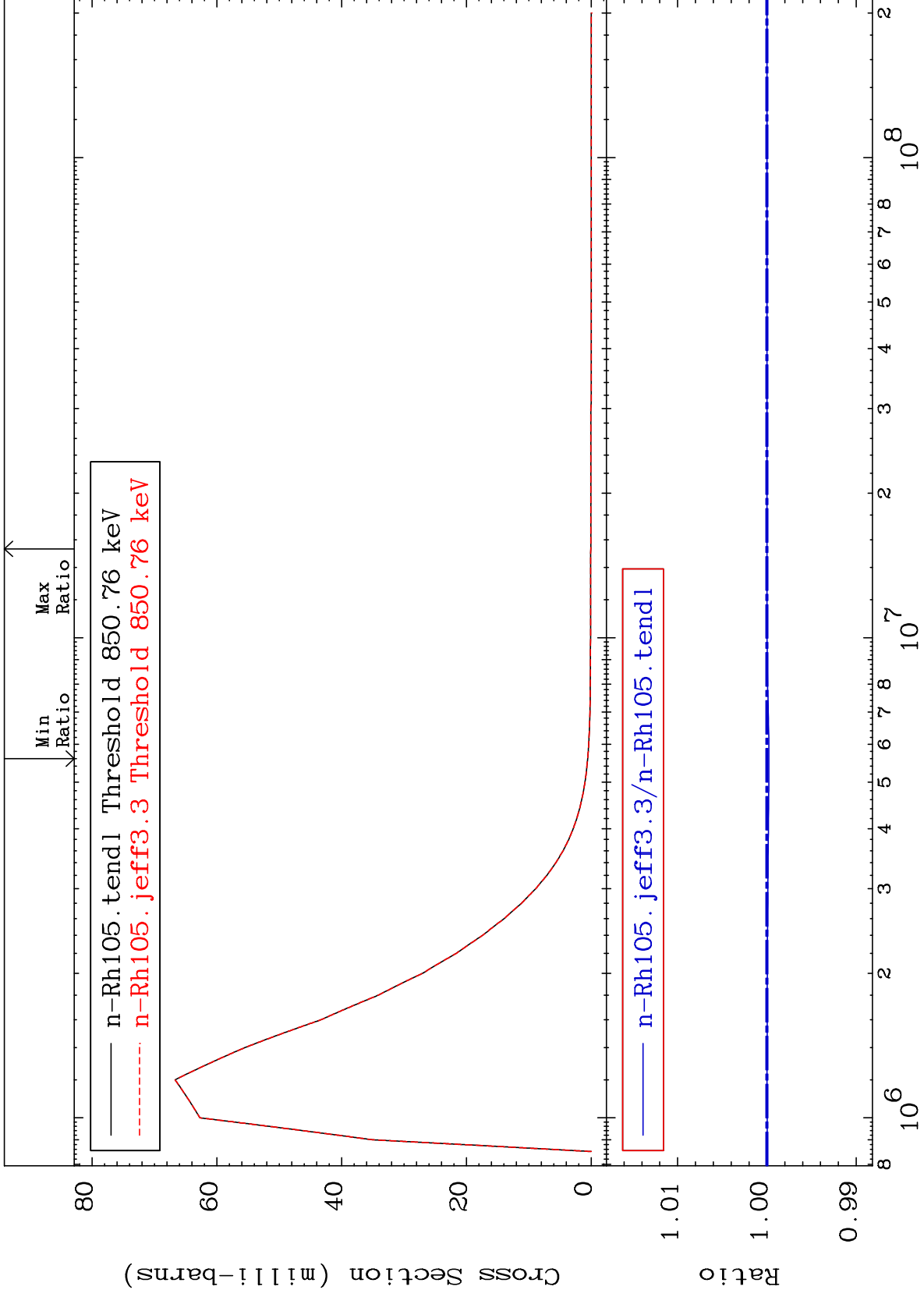
Incident Energy (eV)

45-Rh-105

MAT 4531

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

45-Rh-105
-0.023 To 0.000 %



39

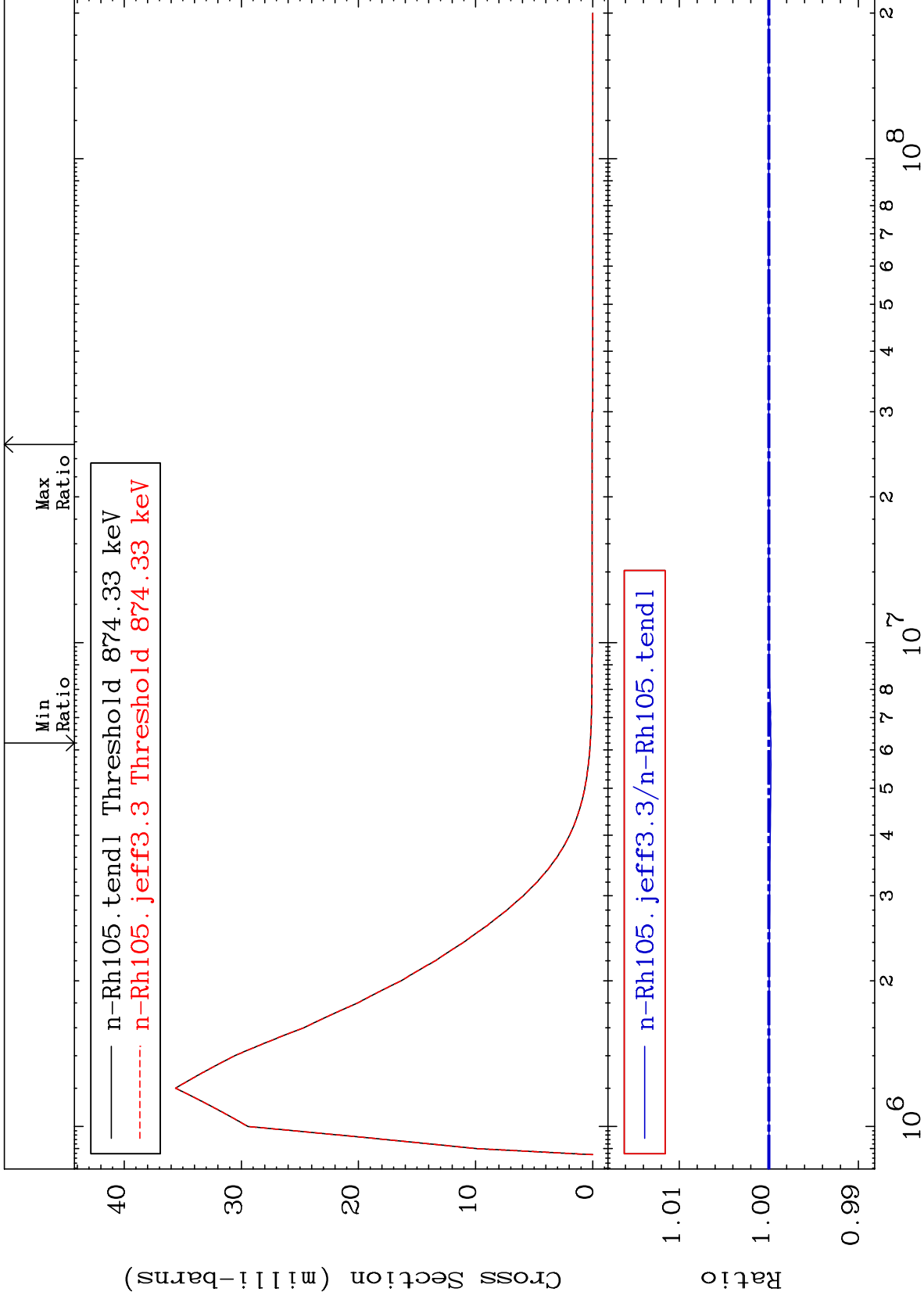
Incident Energy (eV)

45-Rh-105

MAT 4531

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

45-Rh-105
-0.025 To 0.000 %



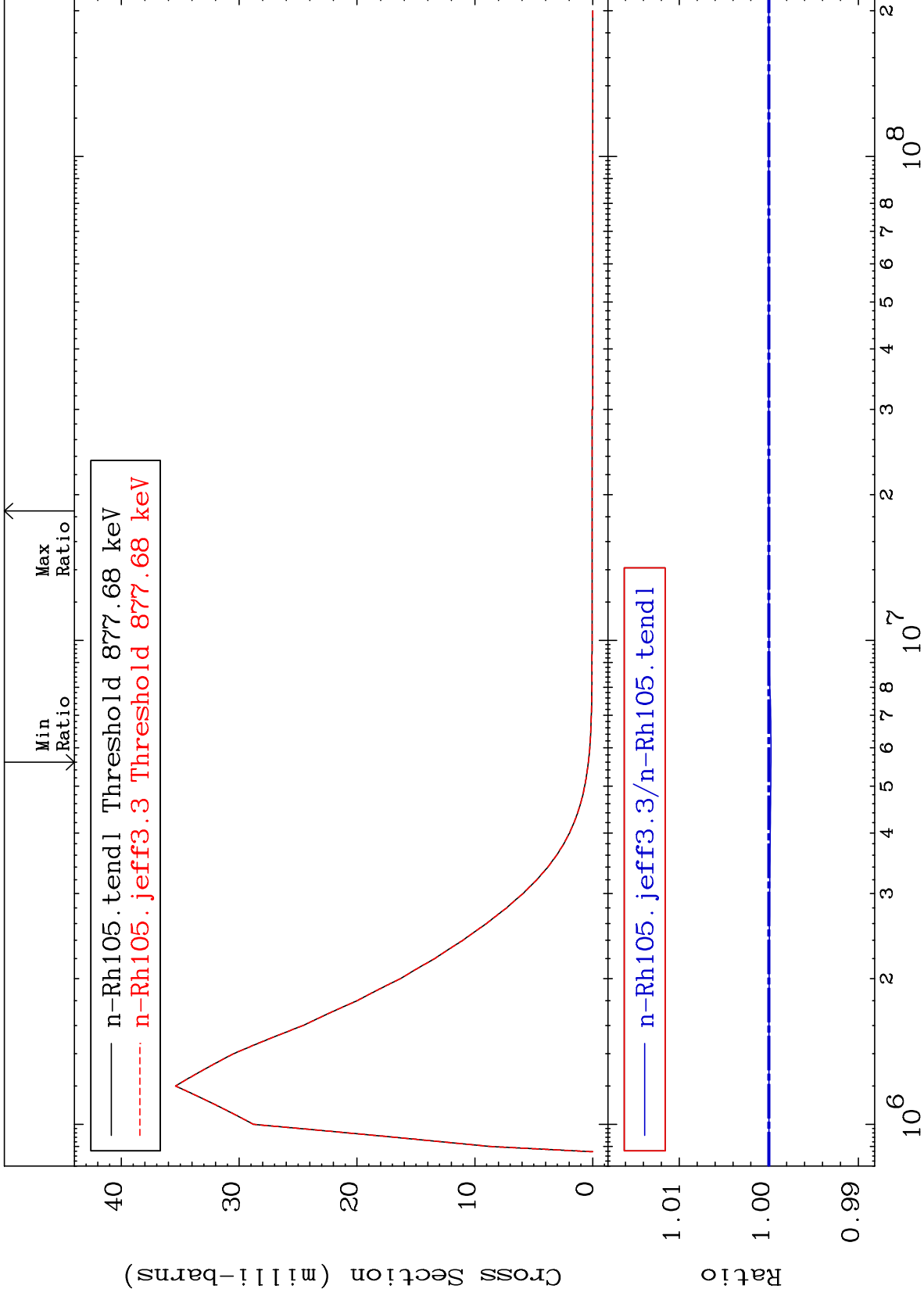
Incident Energy (eV)

45-Rh-105

MAT 4531

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

45-Rh-105
-0.024 To 0.000 %



41

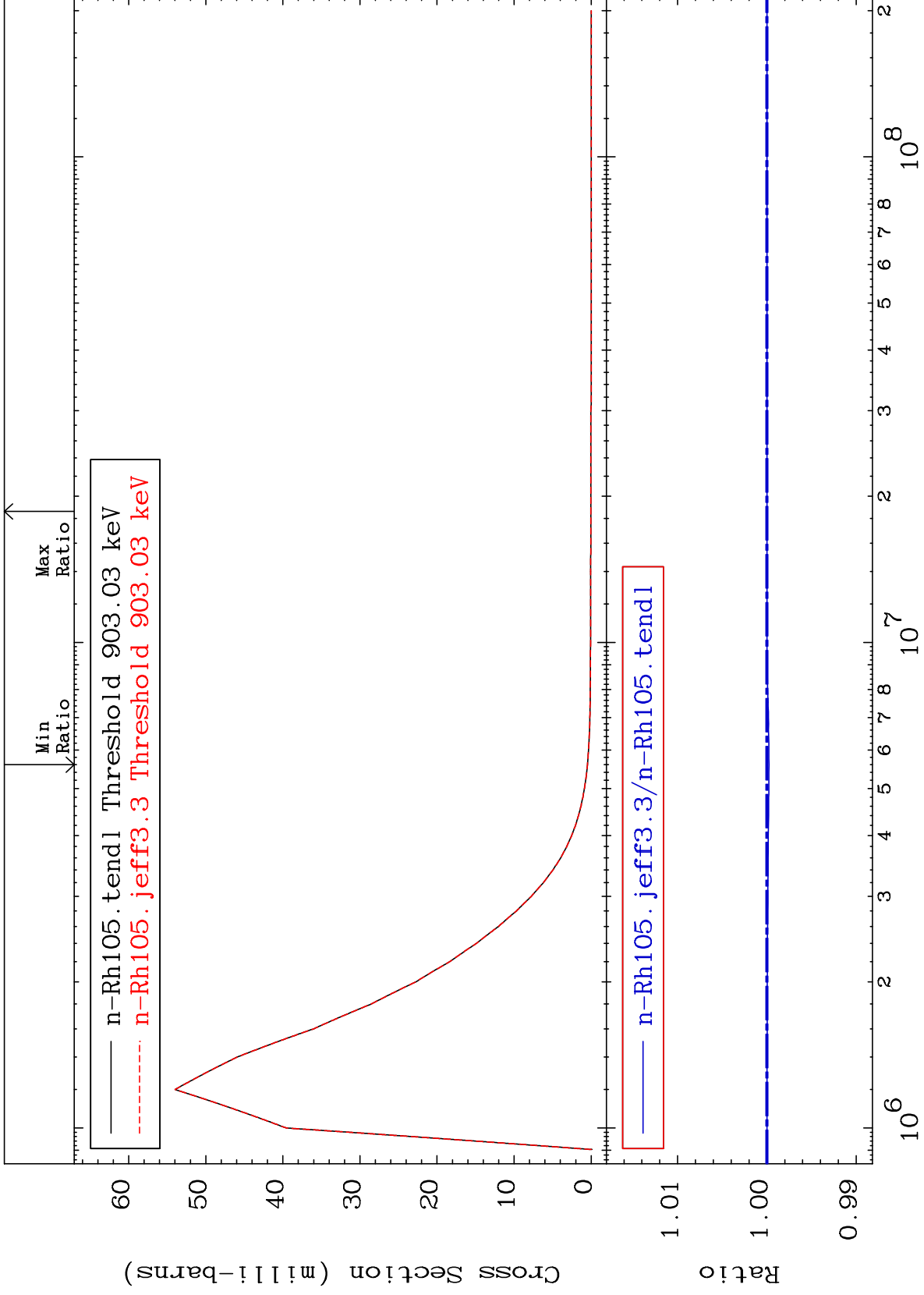
Incident Energy (eV)

45-Rh-105

MAT 4531

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

45-Rh-105
-0.023 To 0.000 %



42

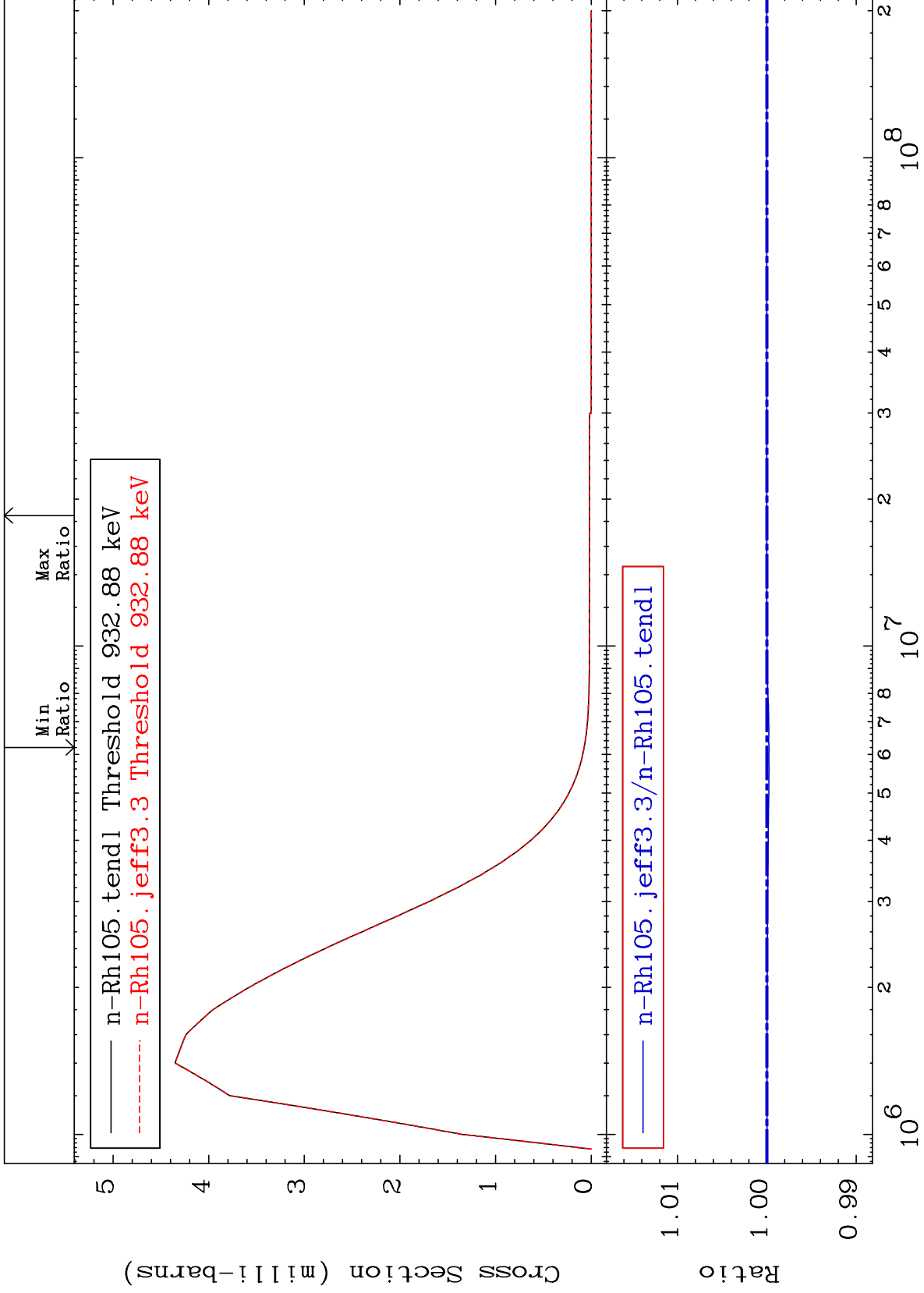
Incident Energy (eV)

45-Rh-105

MAT 4531

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

45-Rh-105
-0.025 To 0.000 %



43

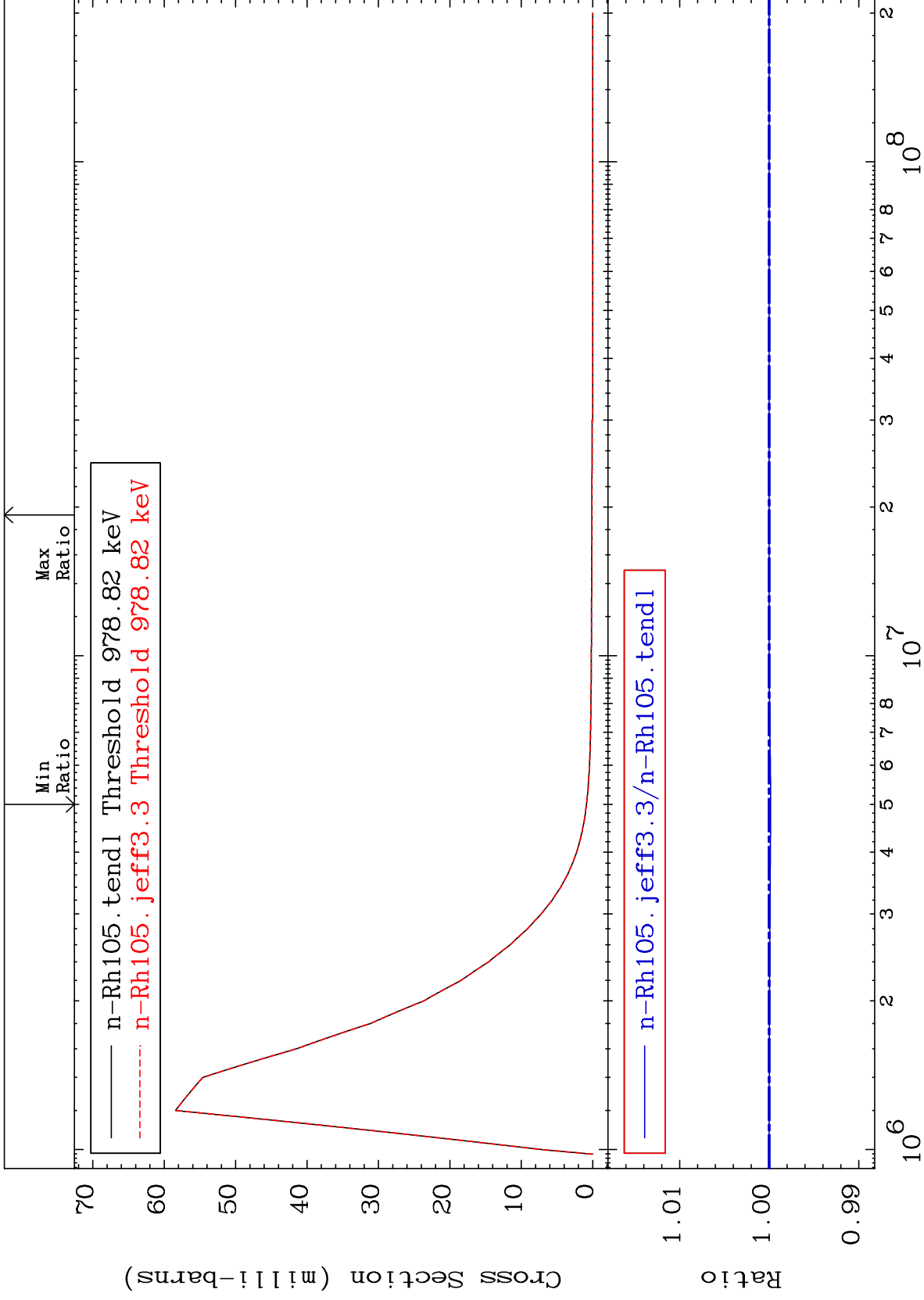
Incident Energy (eV)

45-Rh-105

MAT 4531

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

45-Rh-105
-0.017 To 0.000 %



44

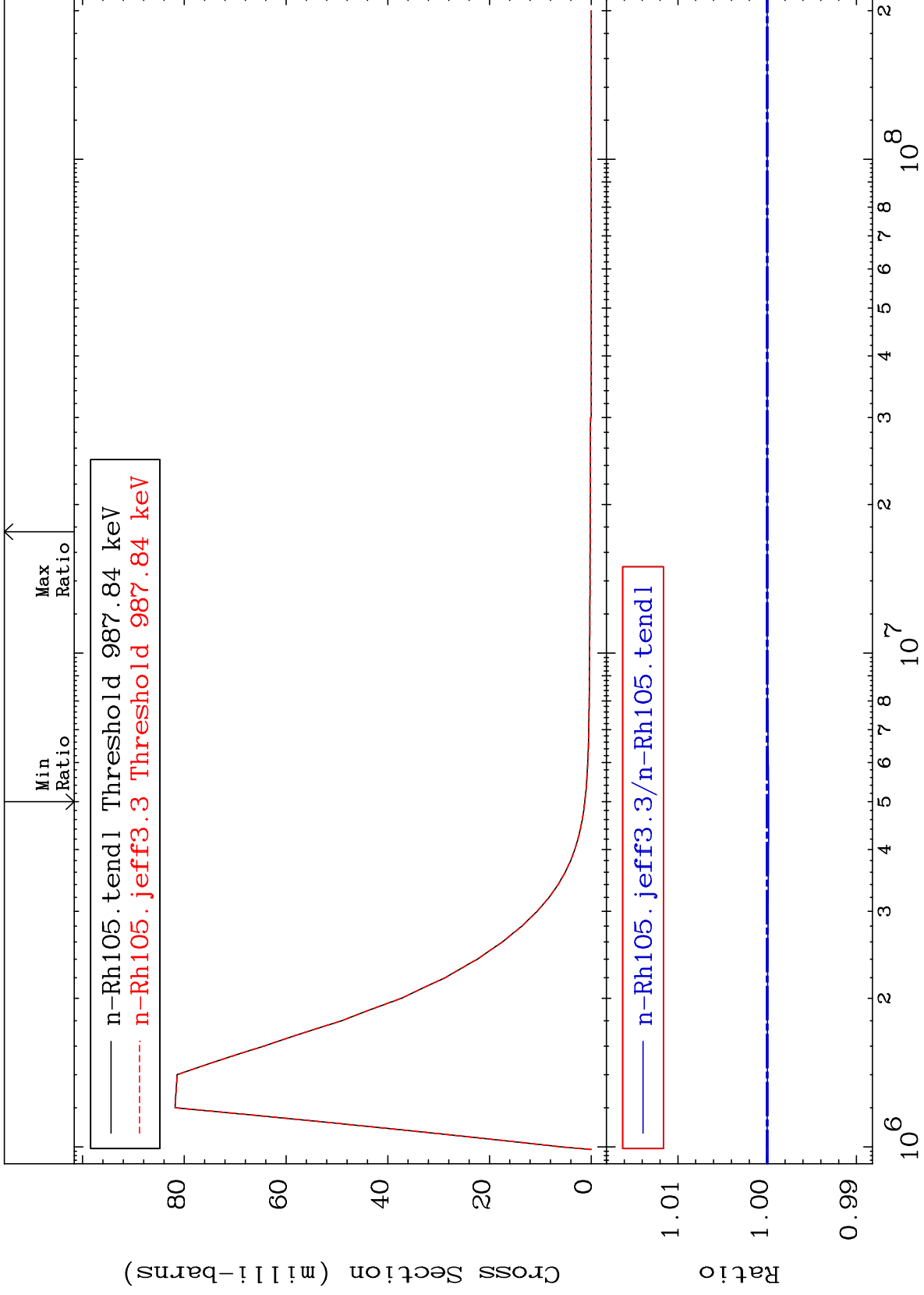
Incident Energy (eV)

45-Rh-105

MAT 4531

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

45-Rh-105
-0.017 To 0.000 %



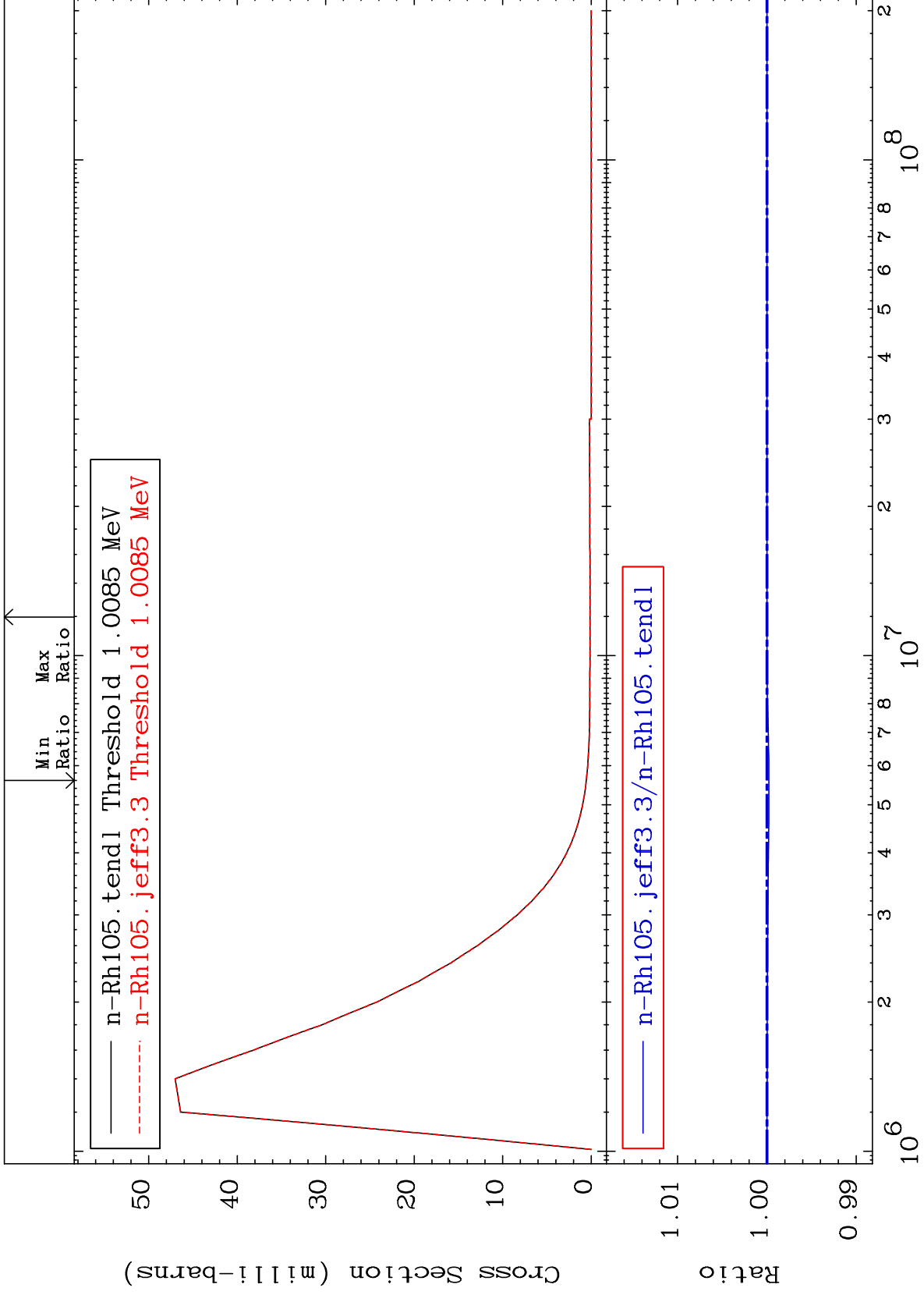
45

45-Rh-105

MAT 4531

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

45-Rh-105
-0.023 To 0.000 %



46

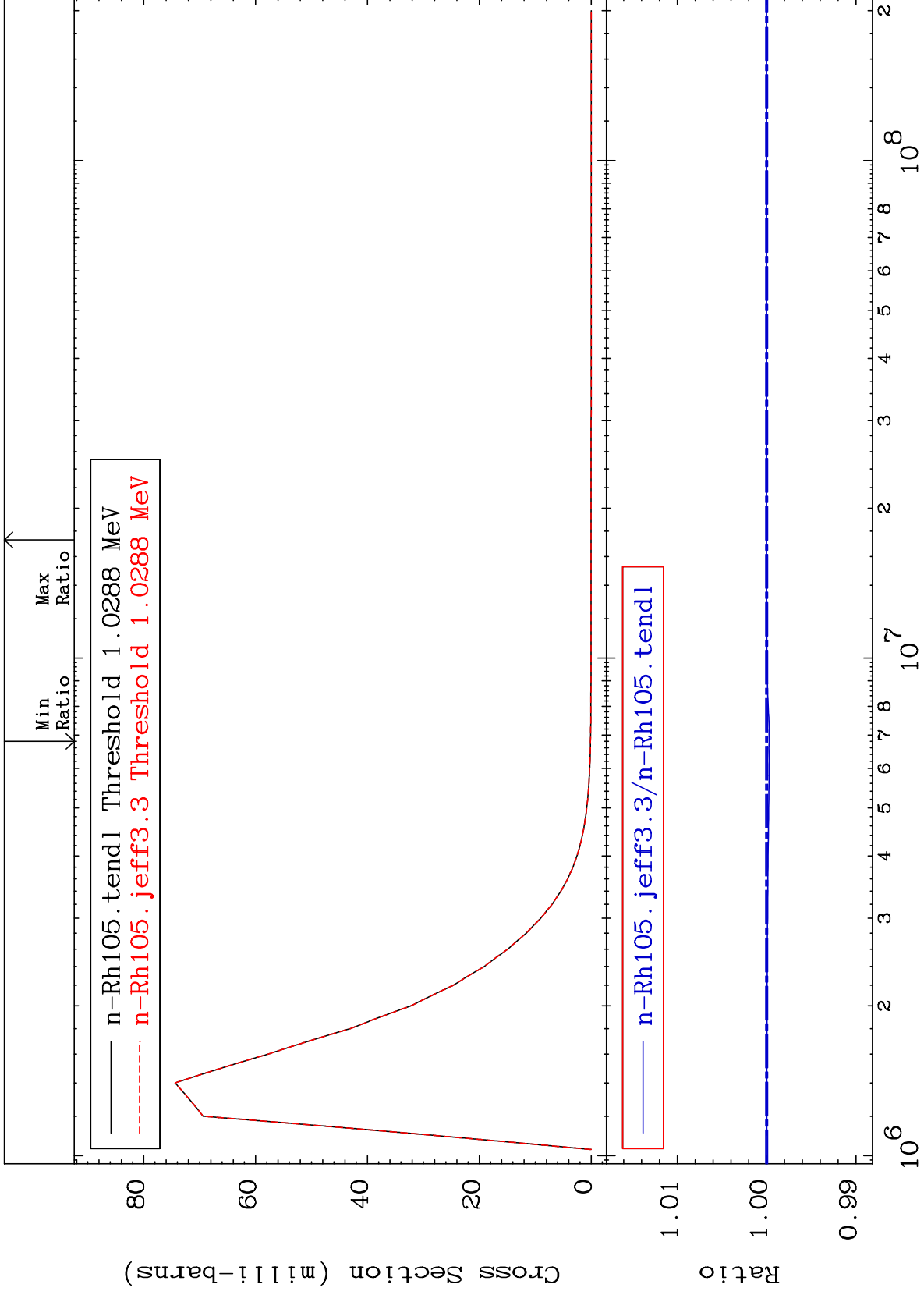
Incident Energy (eV)

45-Rh-105

MAT 4531

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

45-Rh-105
-0.029 To 0.000 %



47

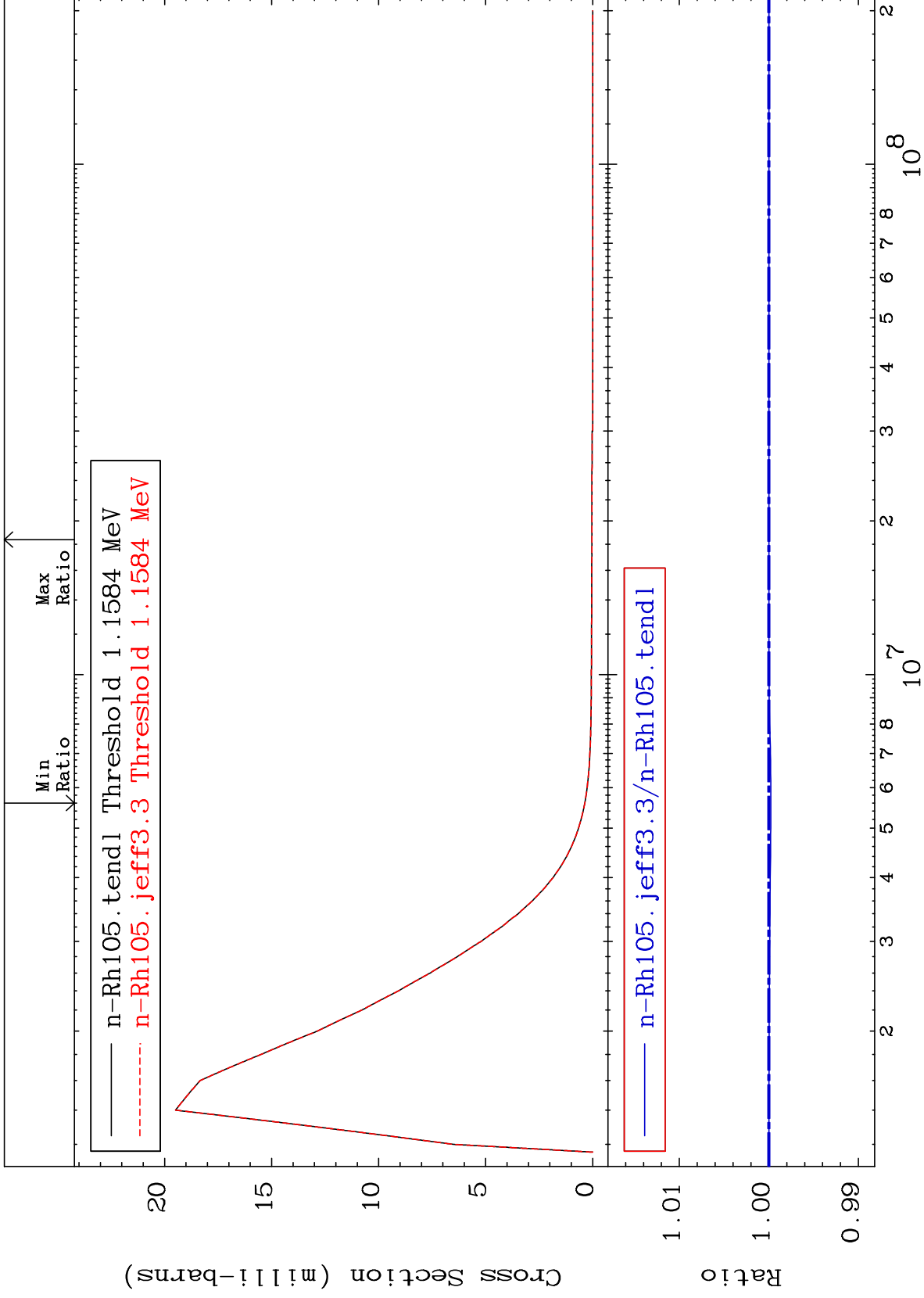
Incident Energy (eV)

45-Rh-105

MAT 4531

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

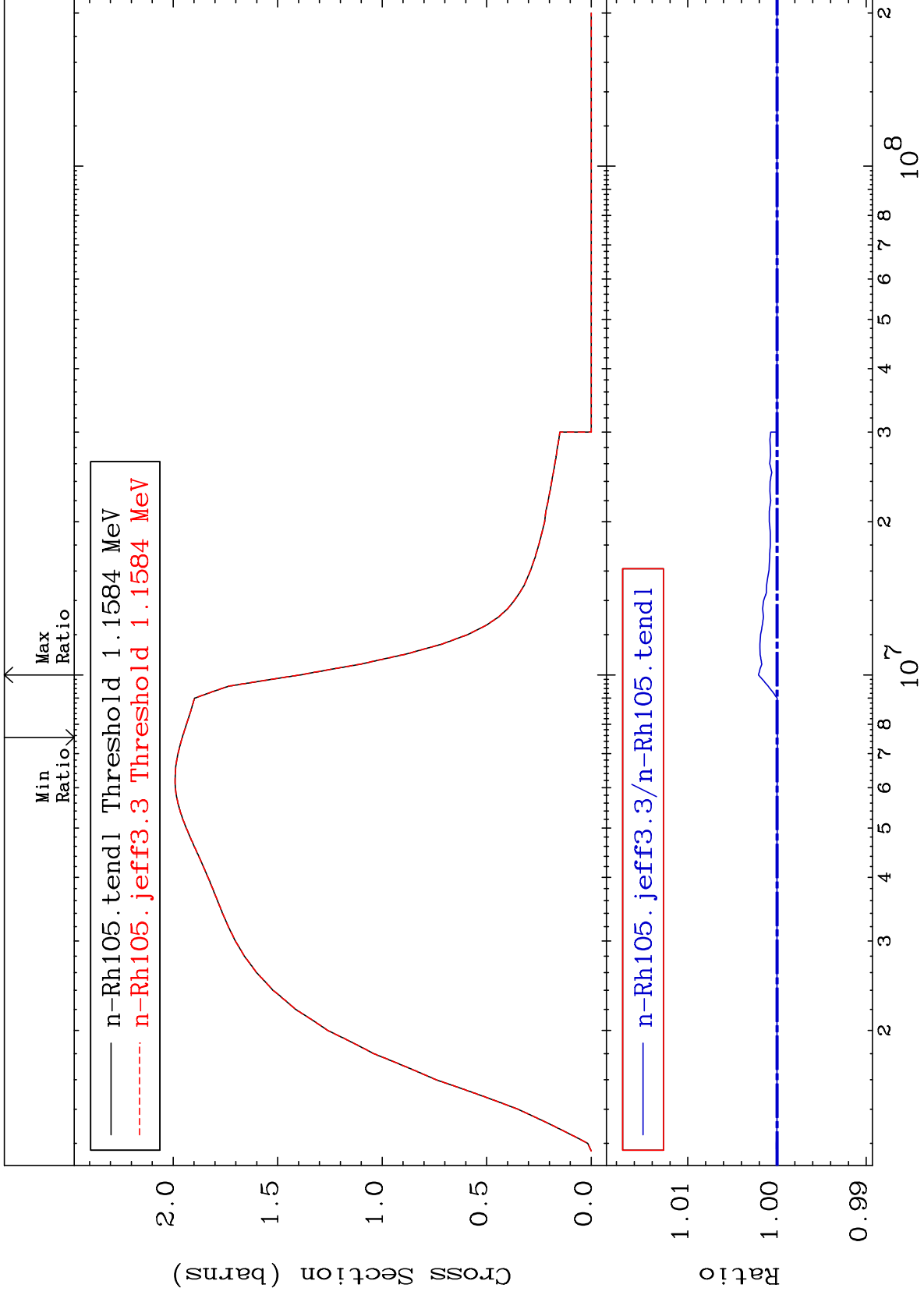
45-Rh-105
-0.023 To 0.000 %



MAT 4531

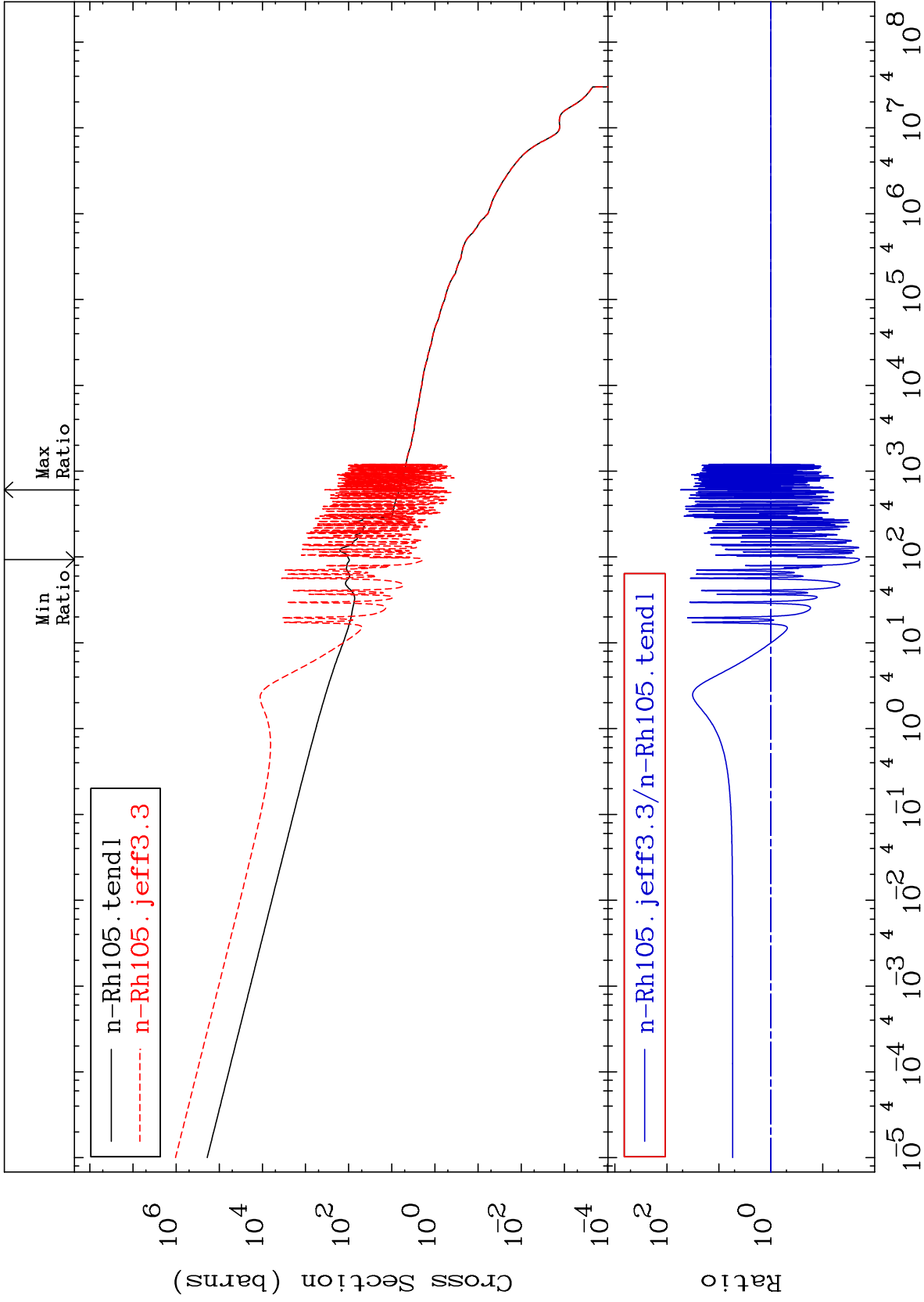
(n, n') Continuum
Cross Section

45-Rh-105
-0.004 To 0.208 %



MAT 4531

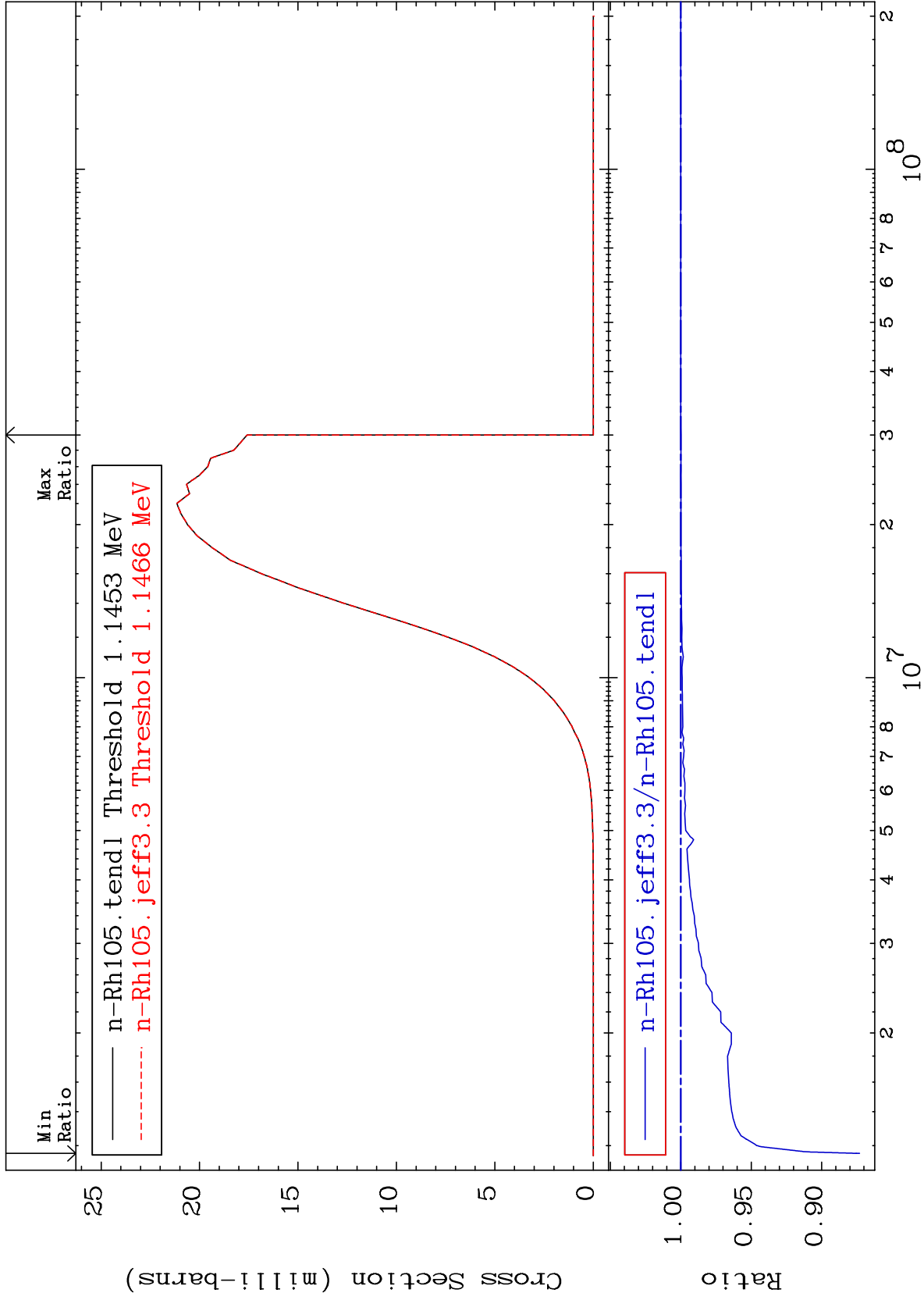
(n, γ)
Cross Section
45-Rh-105
-98.03 To 5403. %



MAT 4531

45-Rh-105

(n,p)
Cross Section
-12.68 To 0.000 %



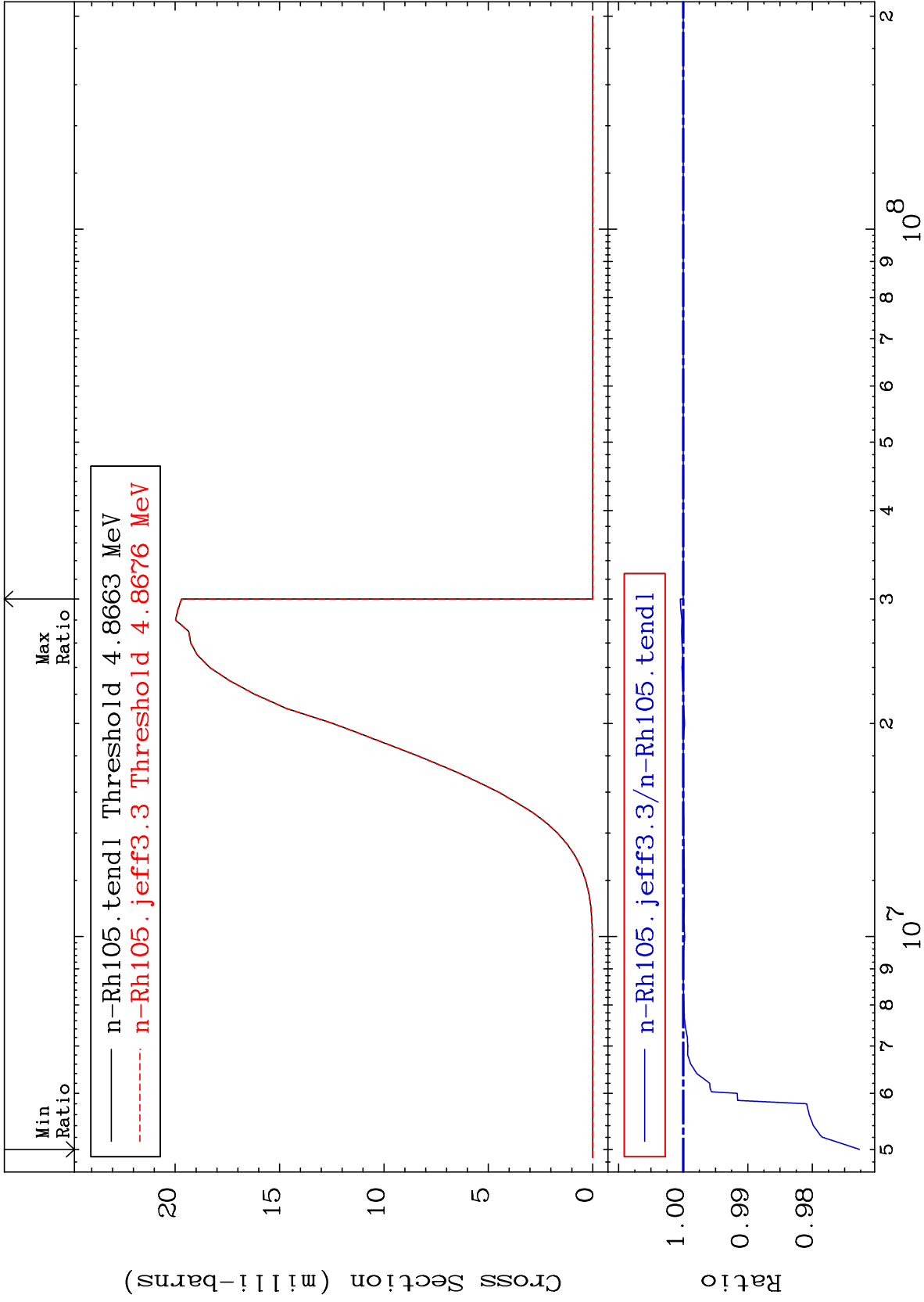
MAT 4531

(n, d)

45-Rh-105

Cross Section

-2.729 To 0.044 %



52

Incident Energy (eV)

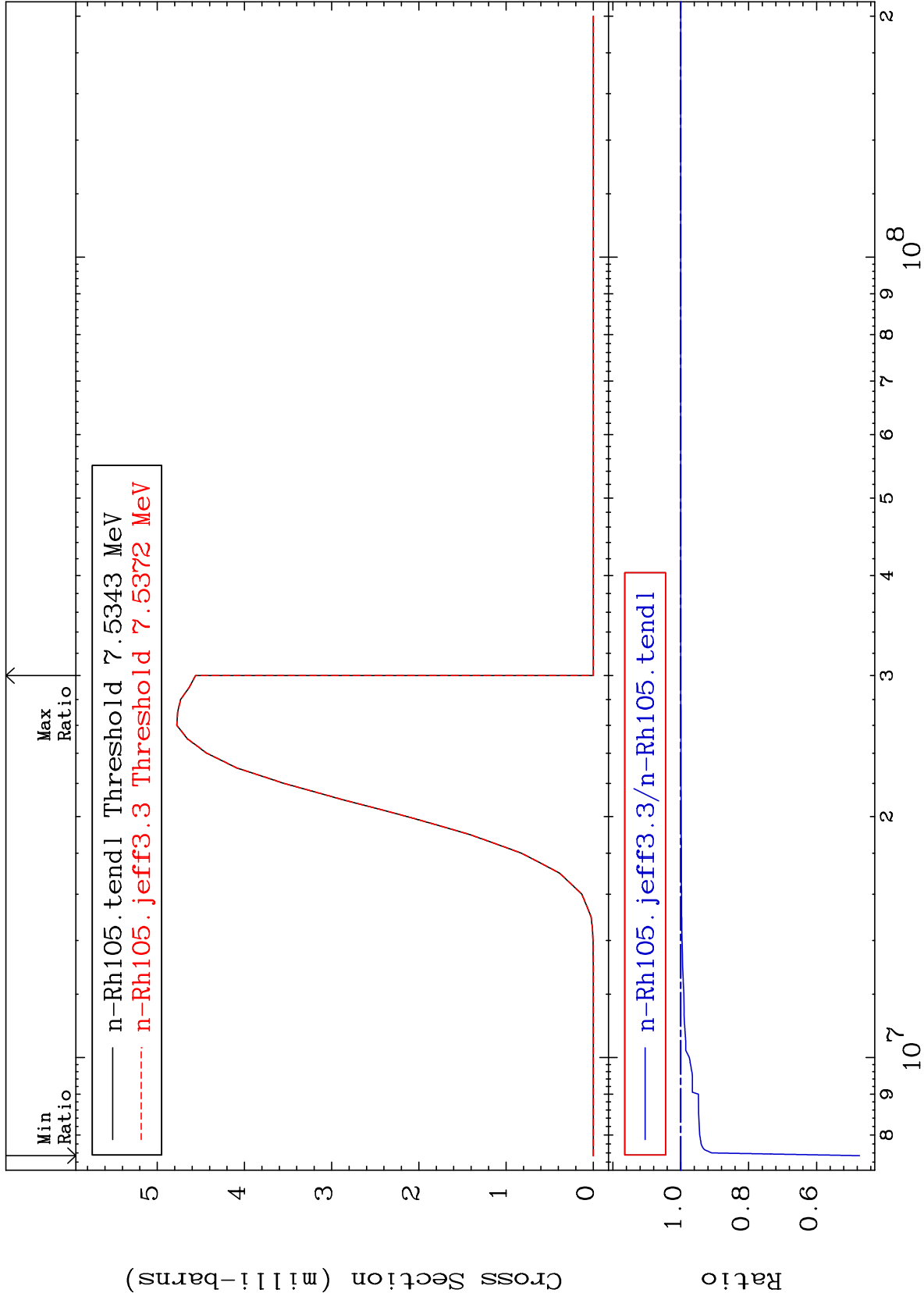
45-Rh-105

MAT 4531

45-Rh-105

-52.66 To 0.000 %

(n, t)
Cross Section



53

Incident Energy (eV)

45-Rh-105

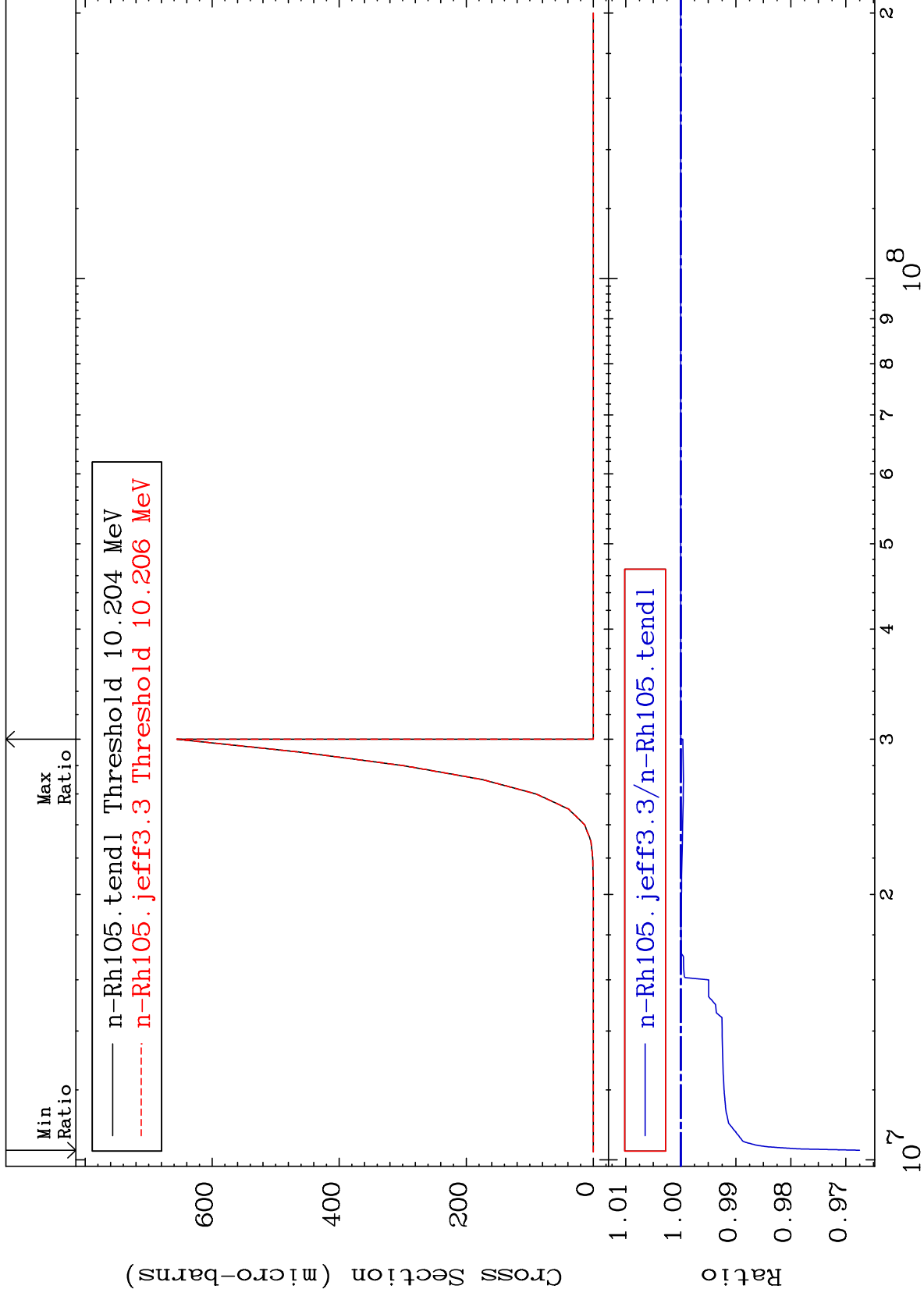
MAT 4531

(n, He-3)

45-Rh-105

Cross Section

-3.248 To 0.000 %



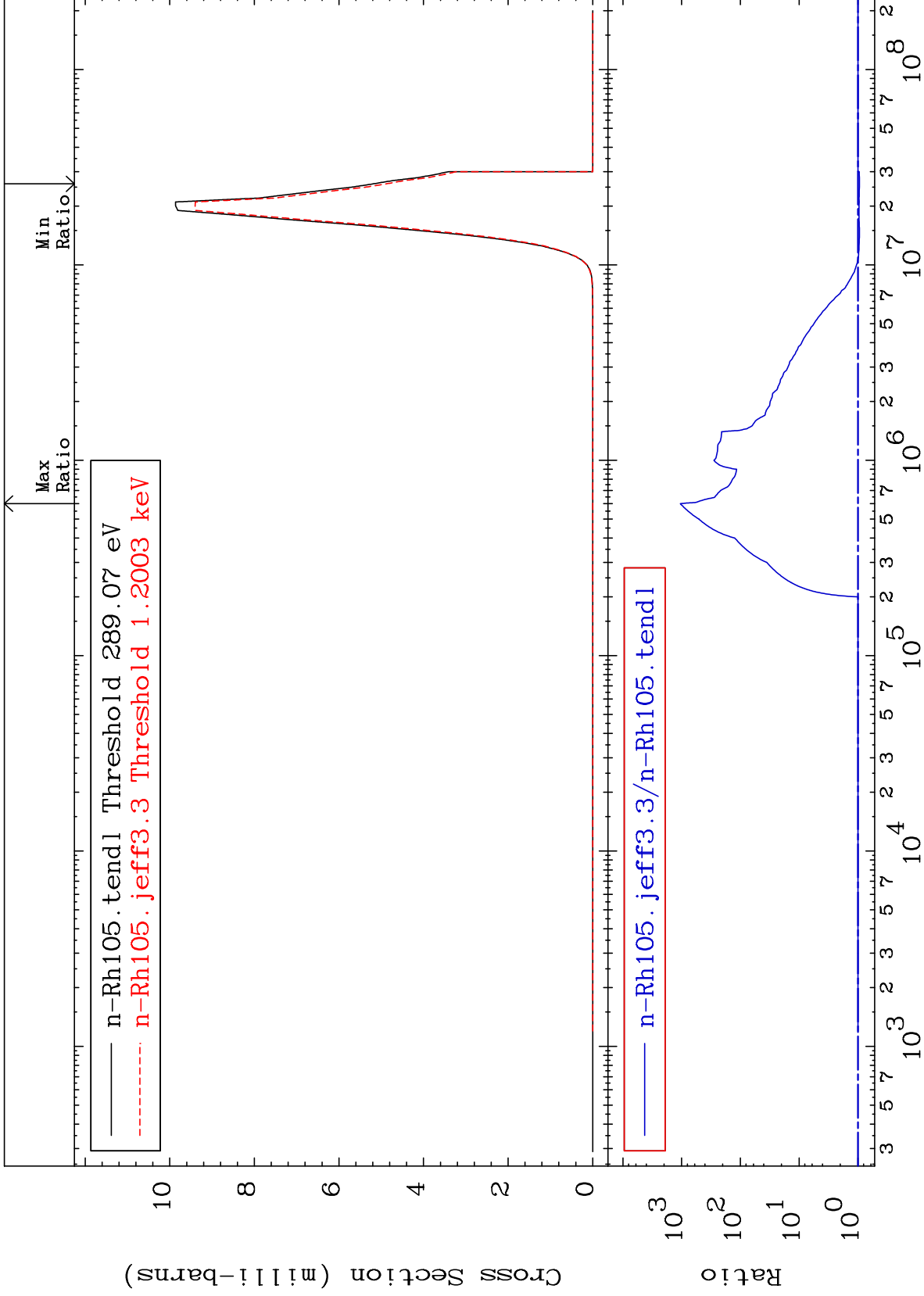
MAT 4531

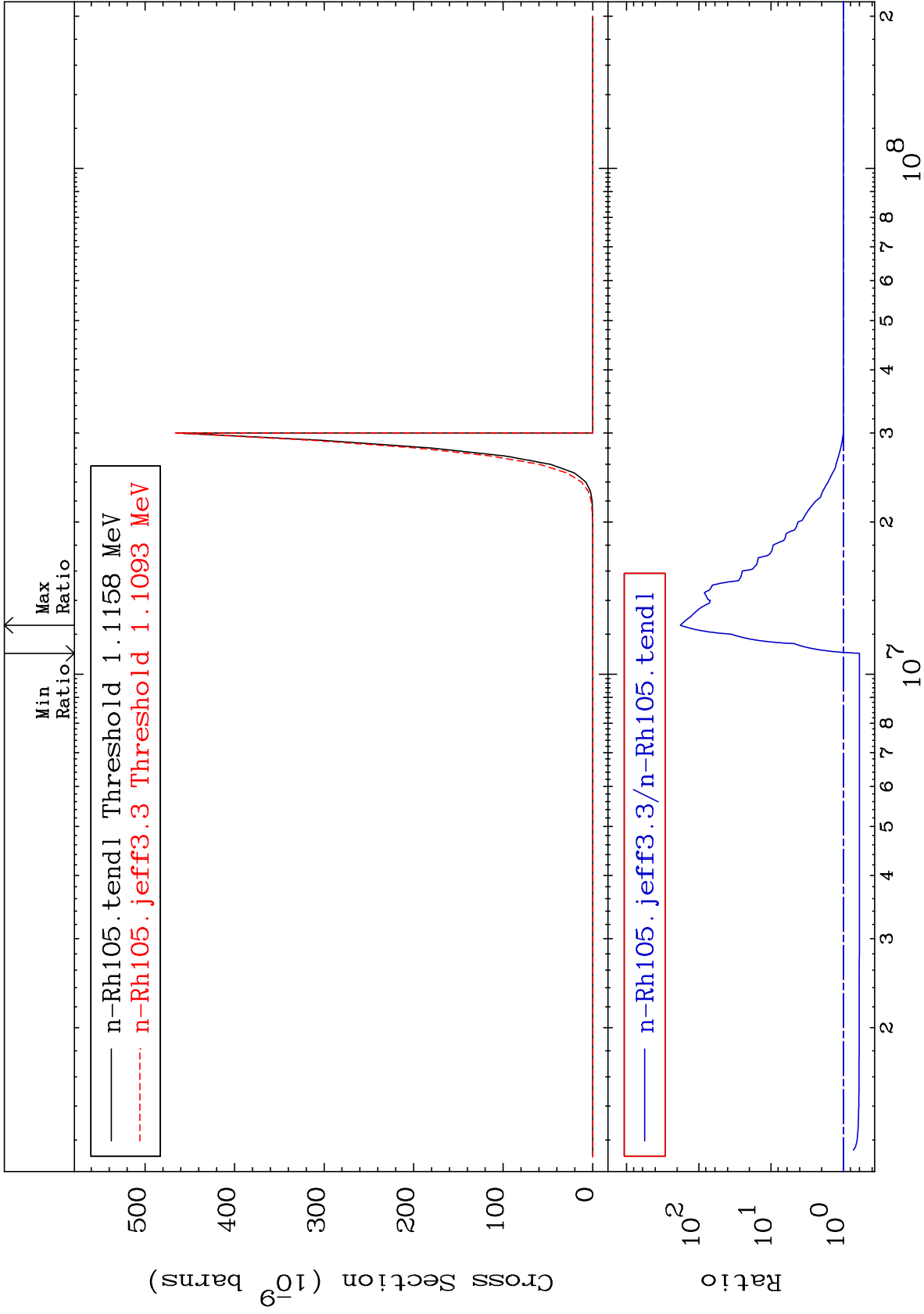
(n, α)

45-Rh-105

Cross Section

-5.915 To 9999. %

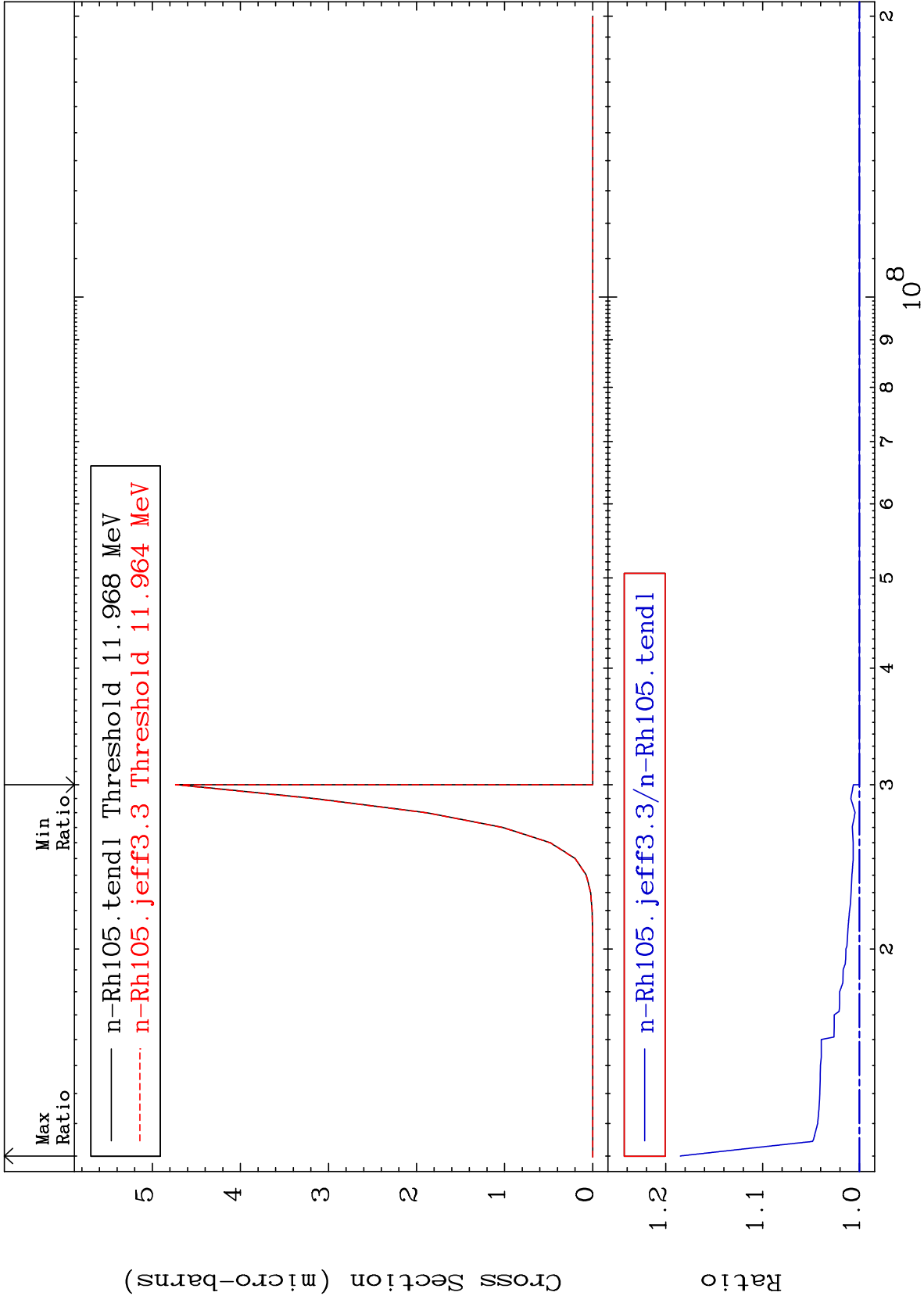




MAT 4531

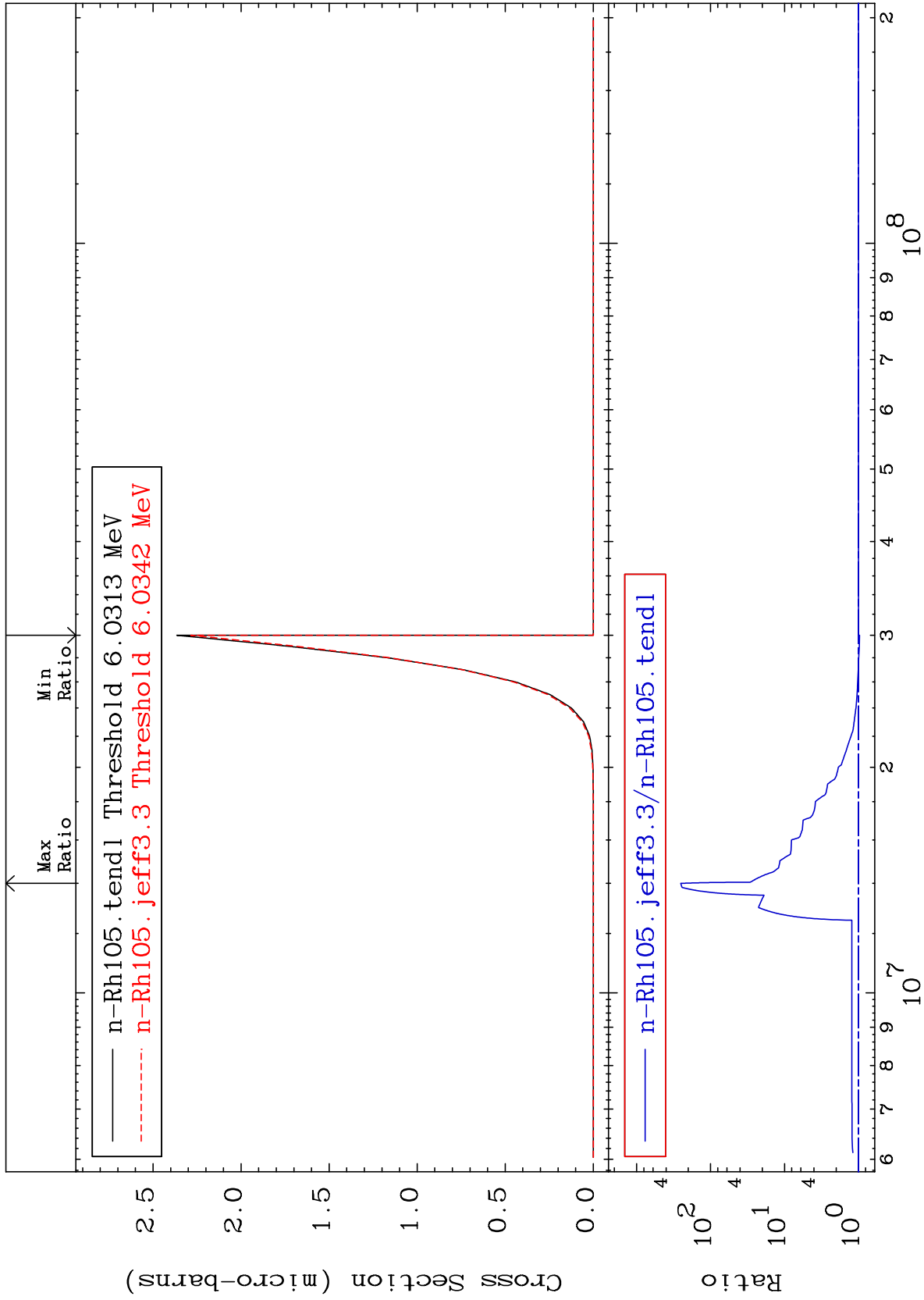
(n,2p)
Cross Section

45-Rh-105
To 18.50 %



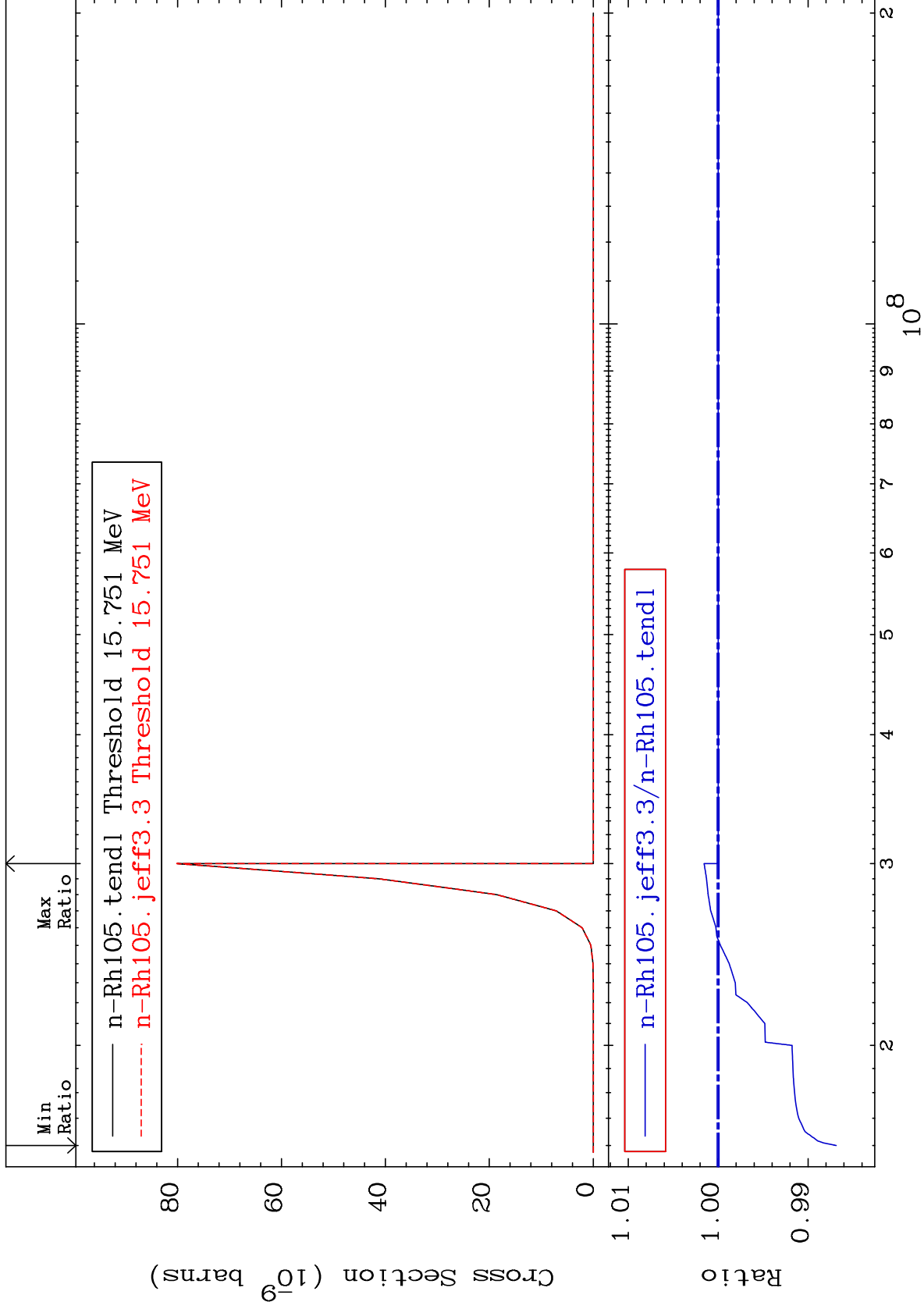
Cross Section

-3.372 To 9999. %



Cross Section

-1.313 To 0.156 %



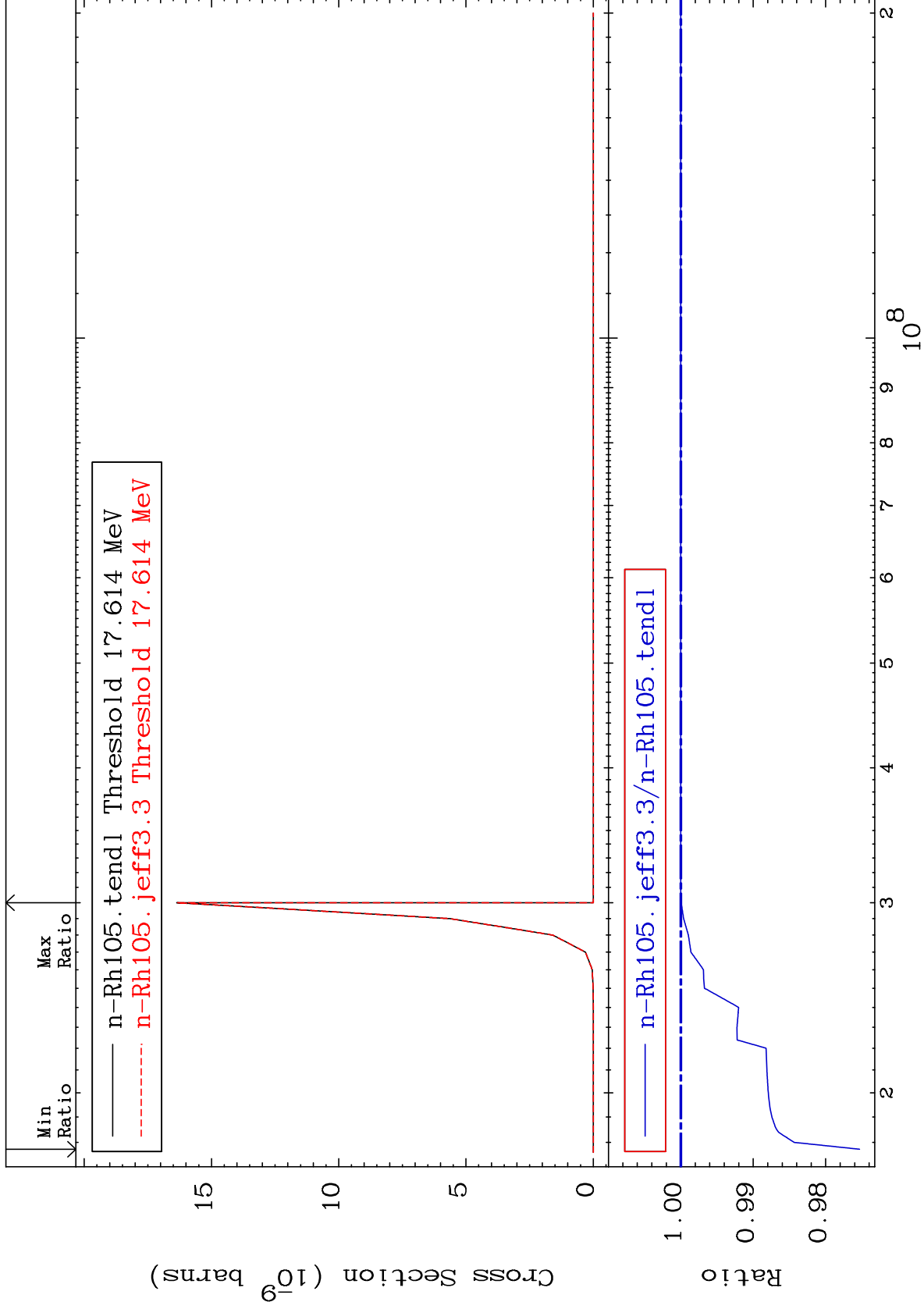
MAT 4531

(n, p) t

45-Rh-105

Cross Section

-2.467 To 0.000 %



60

Incident Energy (eV)

45-Rh-105

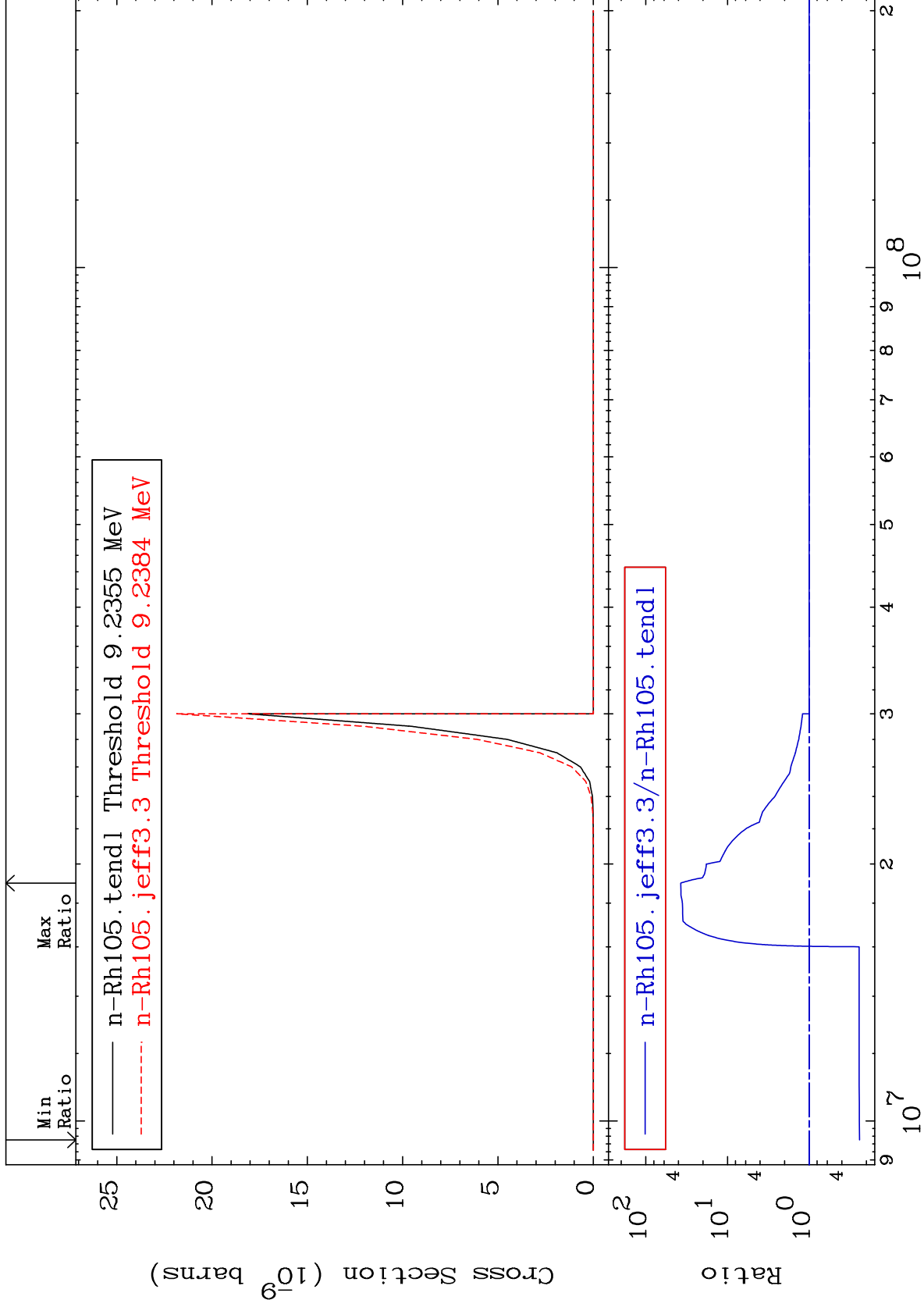
MAT 4531

(n, d) α

45-Rh-105

Cross Section

-75.78 To 3637. %



61

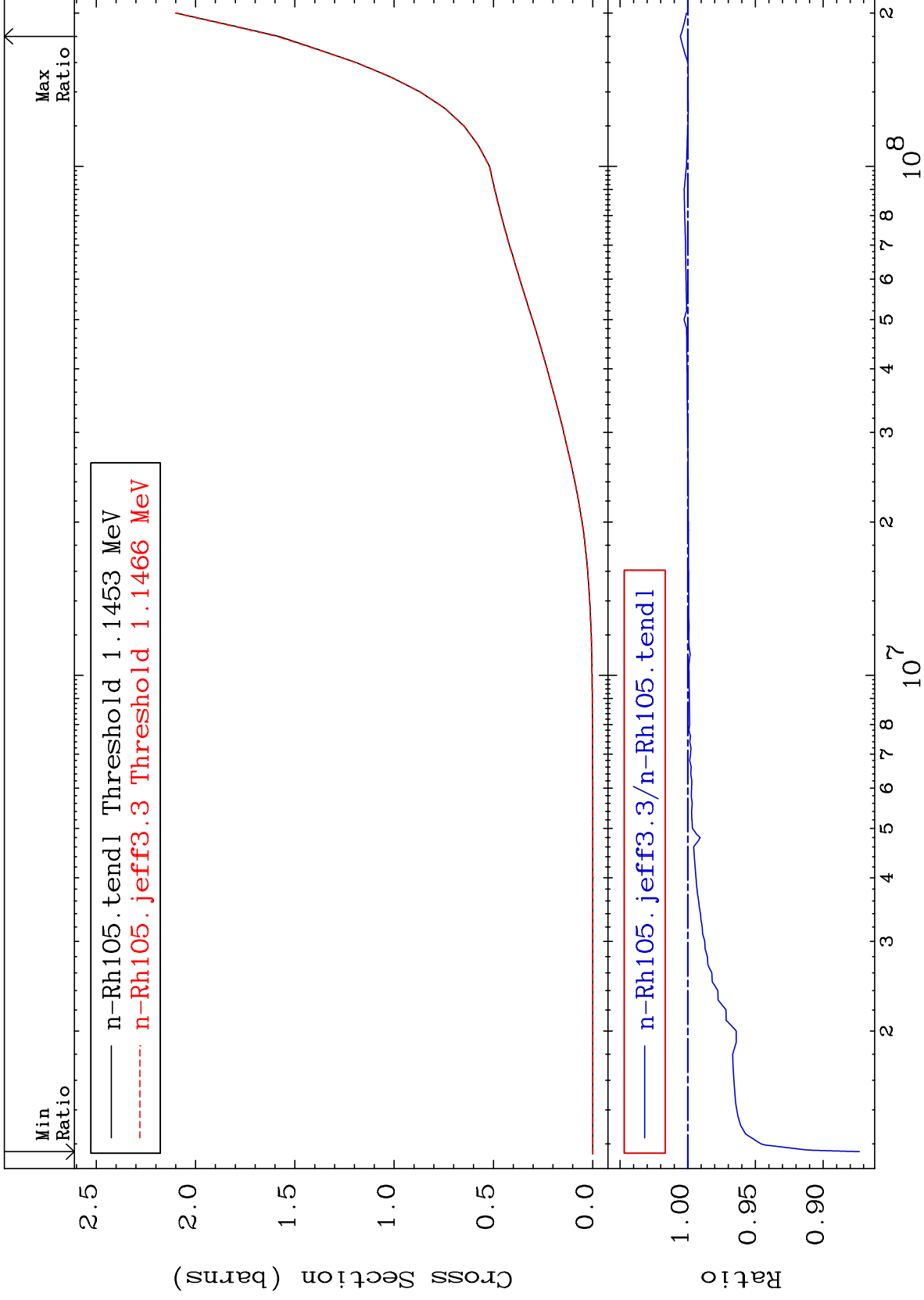
Incident Energy (eV)

45-Rh-105

MAT 4531

Hydrogen Production
Cross Section

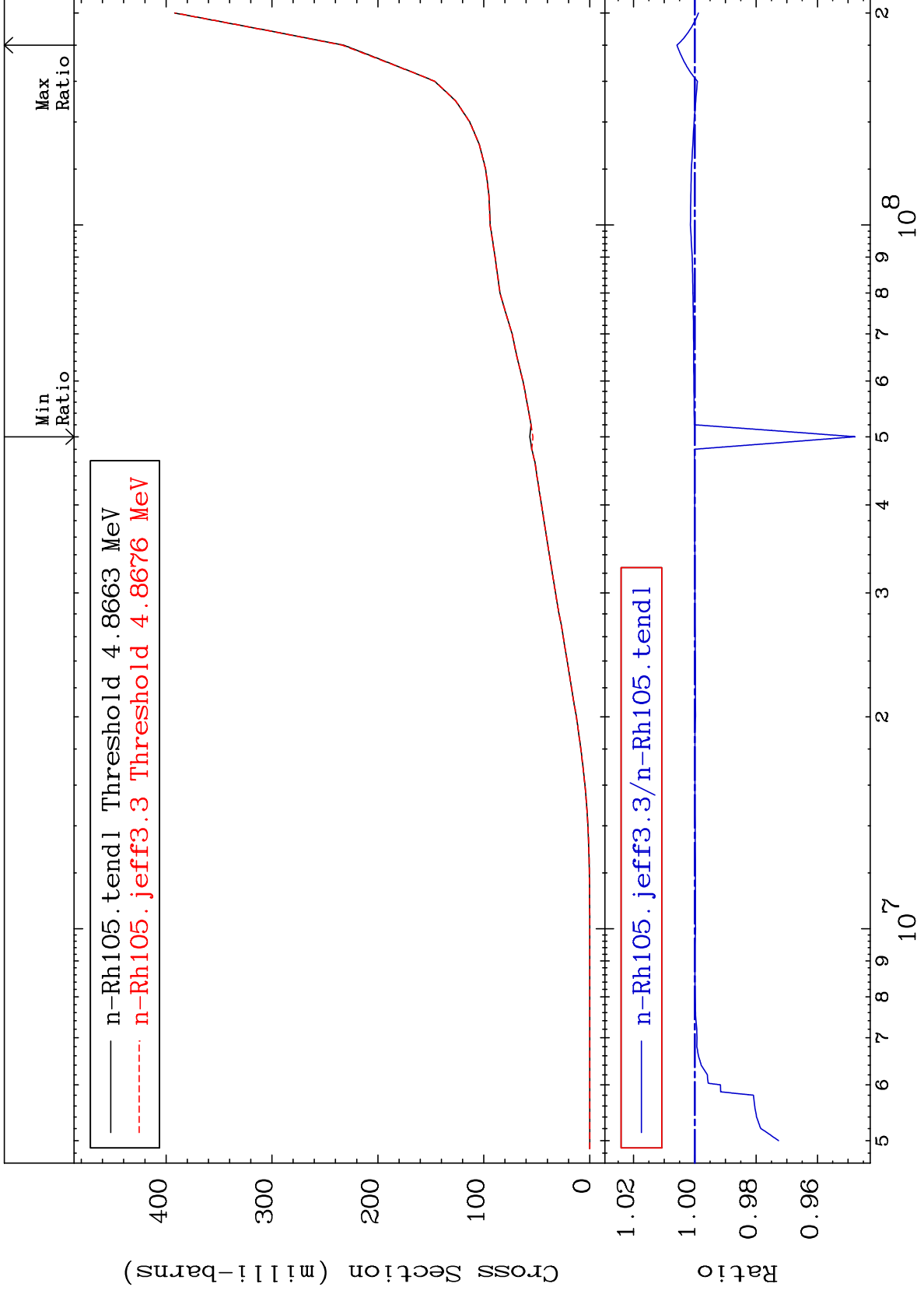
45-Rh-105
-12.68 To 0.544 %



MAT 4531

Deuterium Production
Cross Section

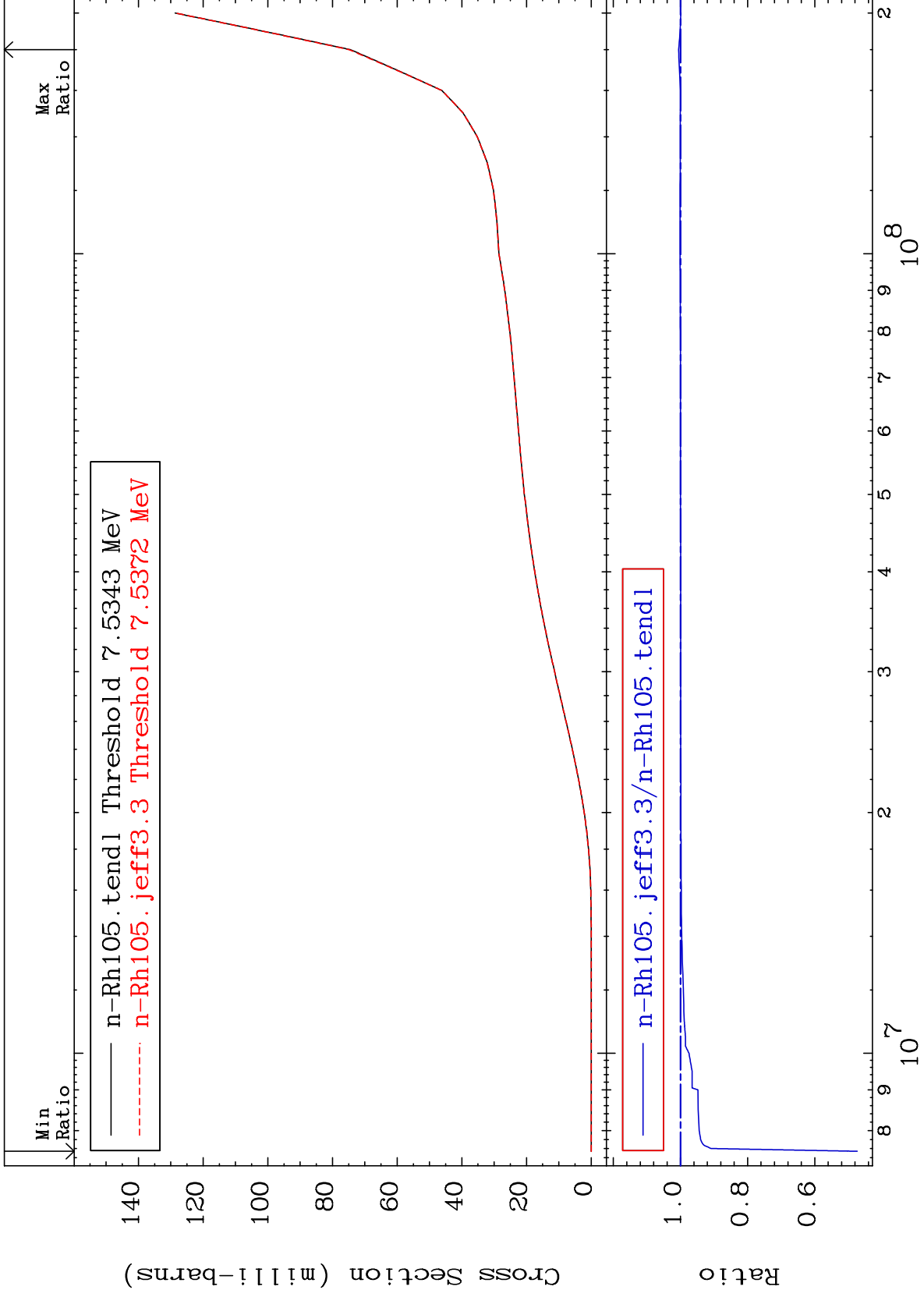
45-Rh-105
-5.228 To 0.583 %



MAT 4531

Tritium Production
Cross Section

45-Rh-105
-52.66 To 0.555 %



64

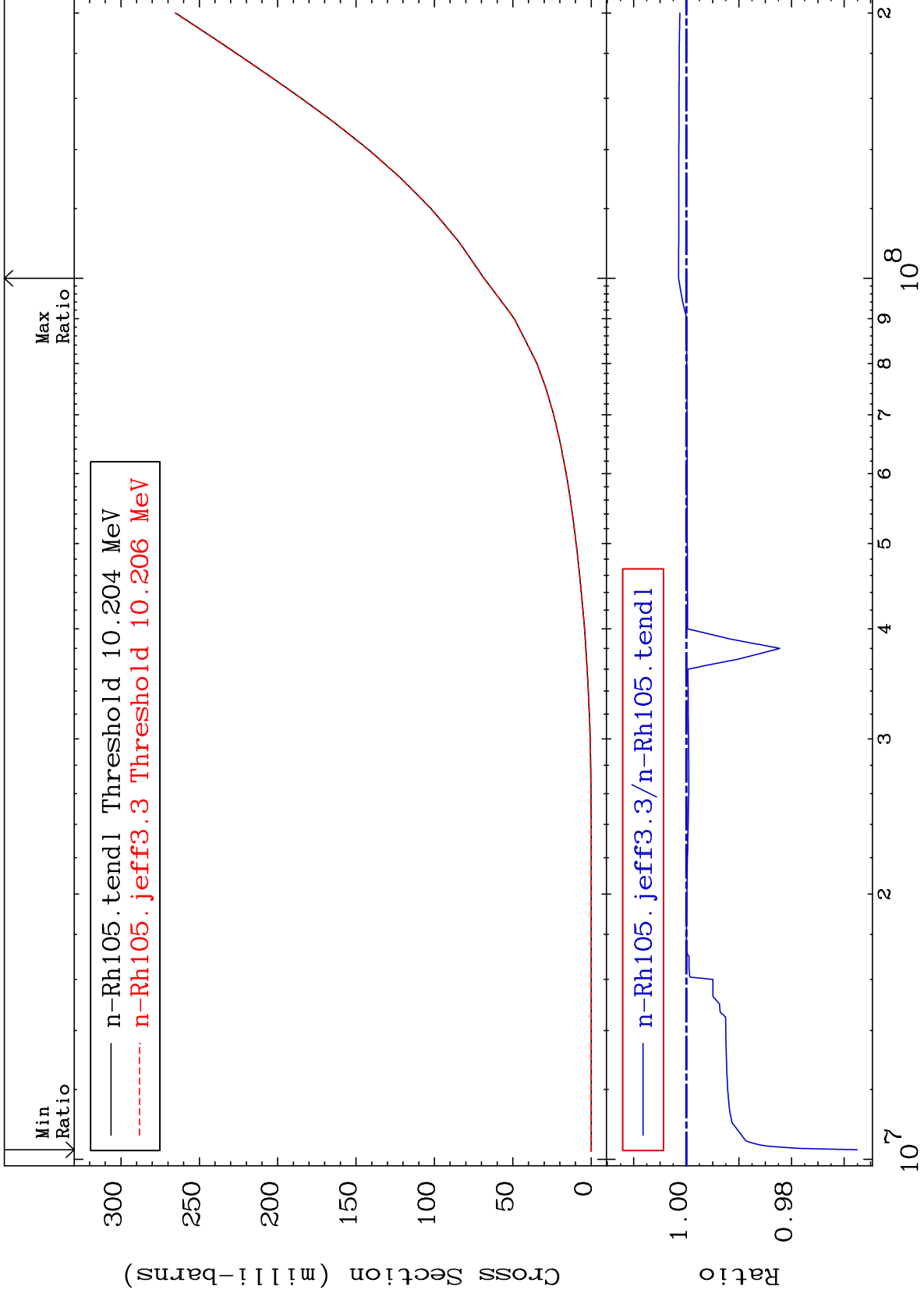
Incident Energy (eV)

45-Rh-105

MAT 4531

He-3 Production
Cross Section

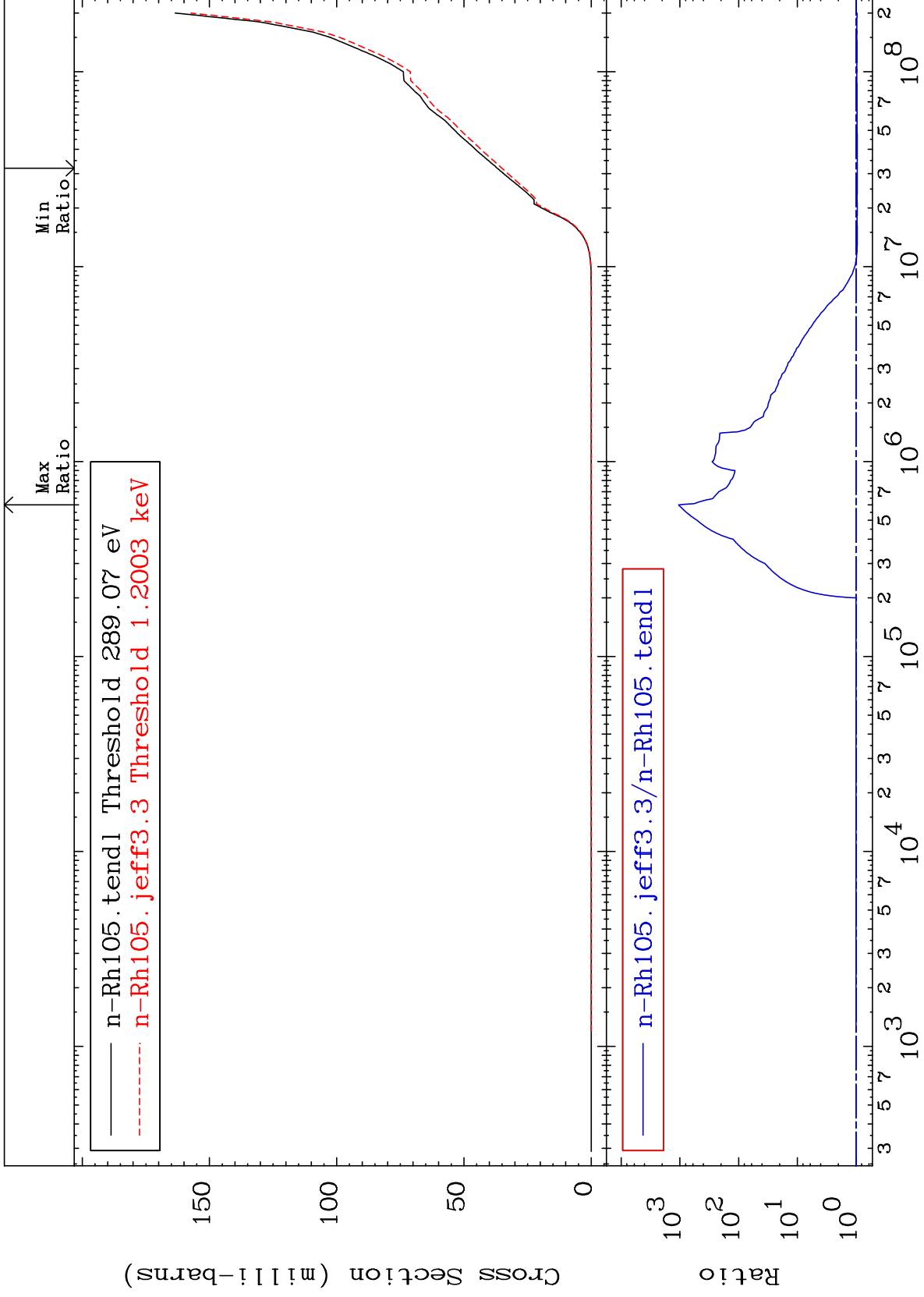
45-Rh-105
-3.248 To 0.146 %



MAT 4531

He-4 Production
Cross Section

45-Rh-105
-4.888 To 9999. %



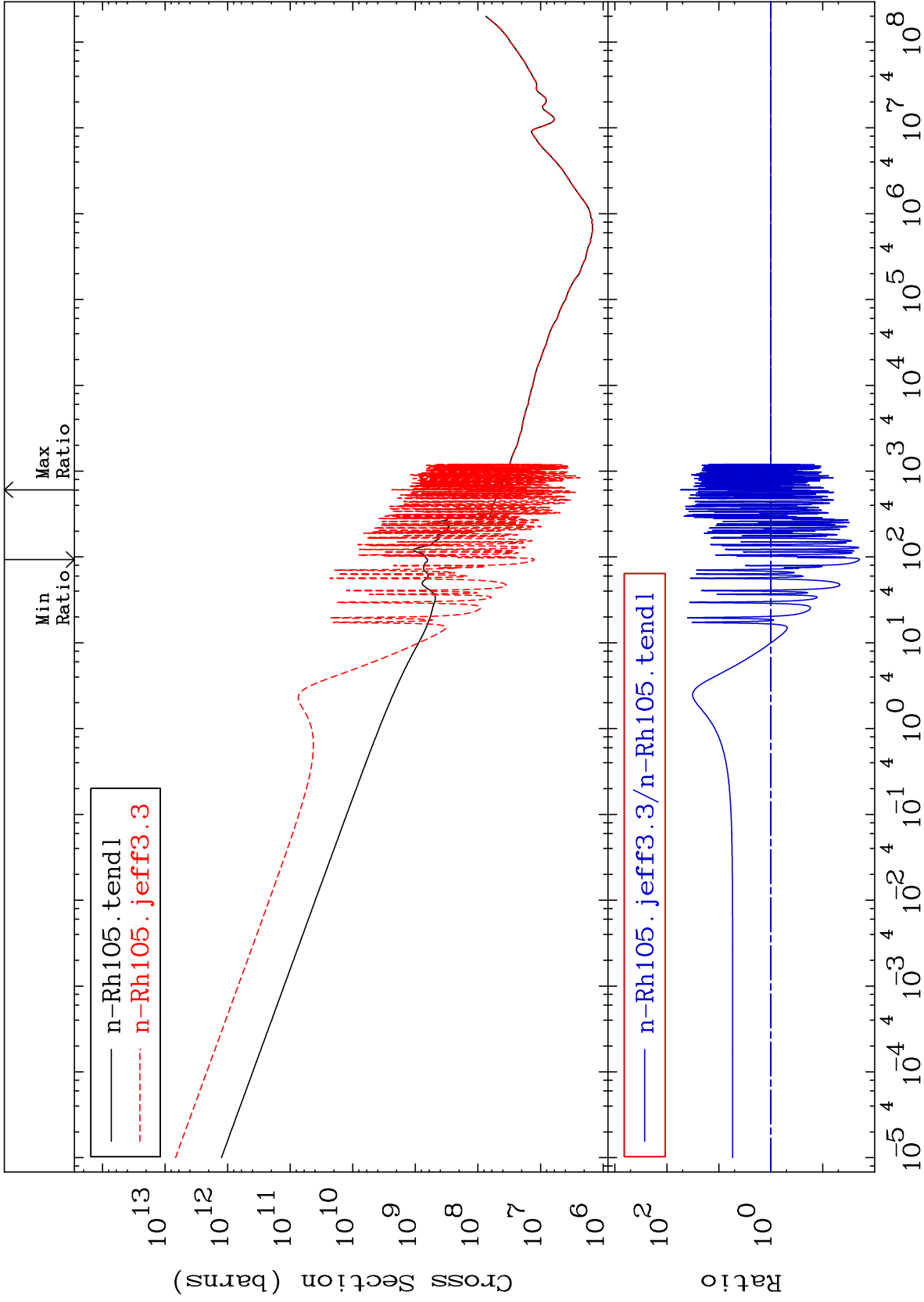
MAT 4531

Kerma total (eV-barns)

45-Rh-105

Cross Section

-98.03 To 5403. %



67

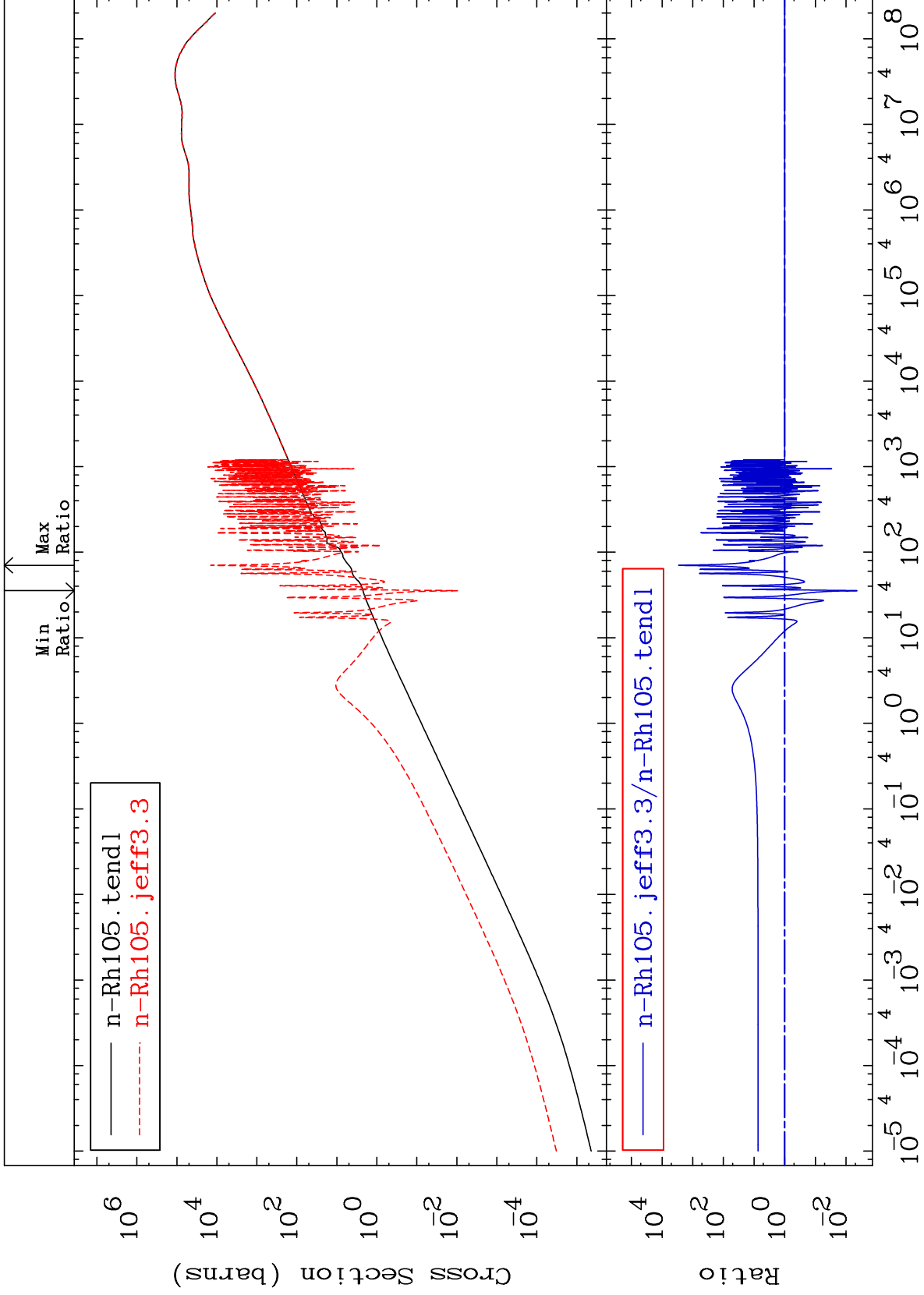
Incident Energy (eV)

45-Rh-105

MAT 4531

Kerma elastic
Cross Section

45-Rh-105
-99.57 To 9999. %



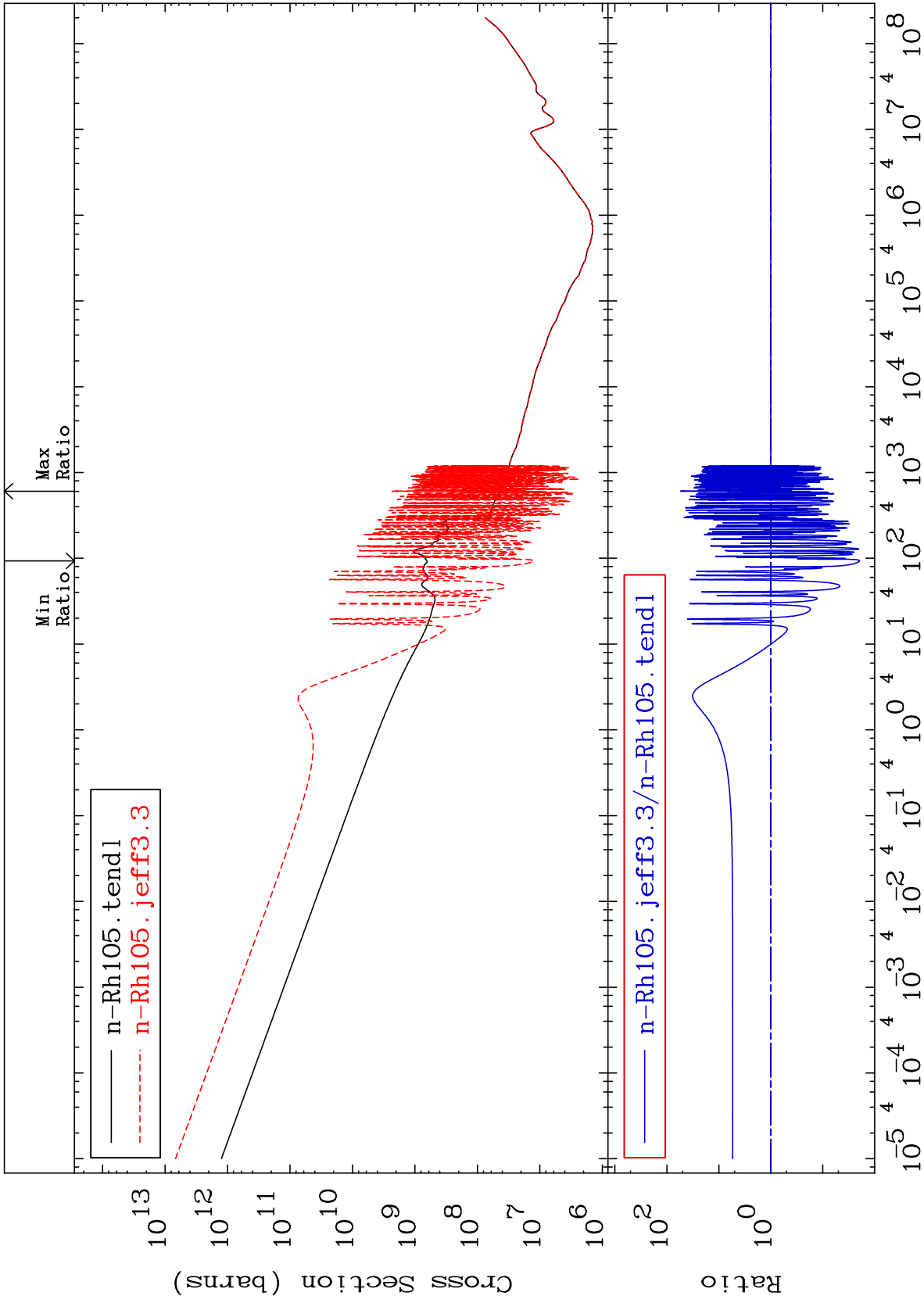
MAT 4531

Kerma non-elastic (all but mt2)

45-Rh-105

Cross Section

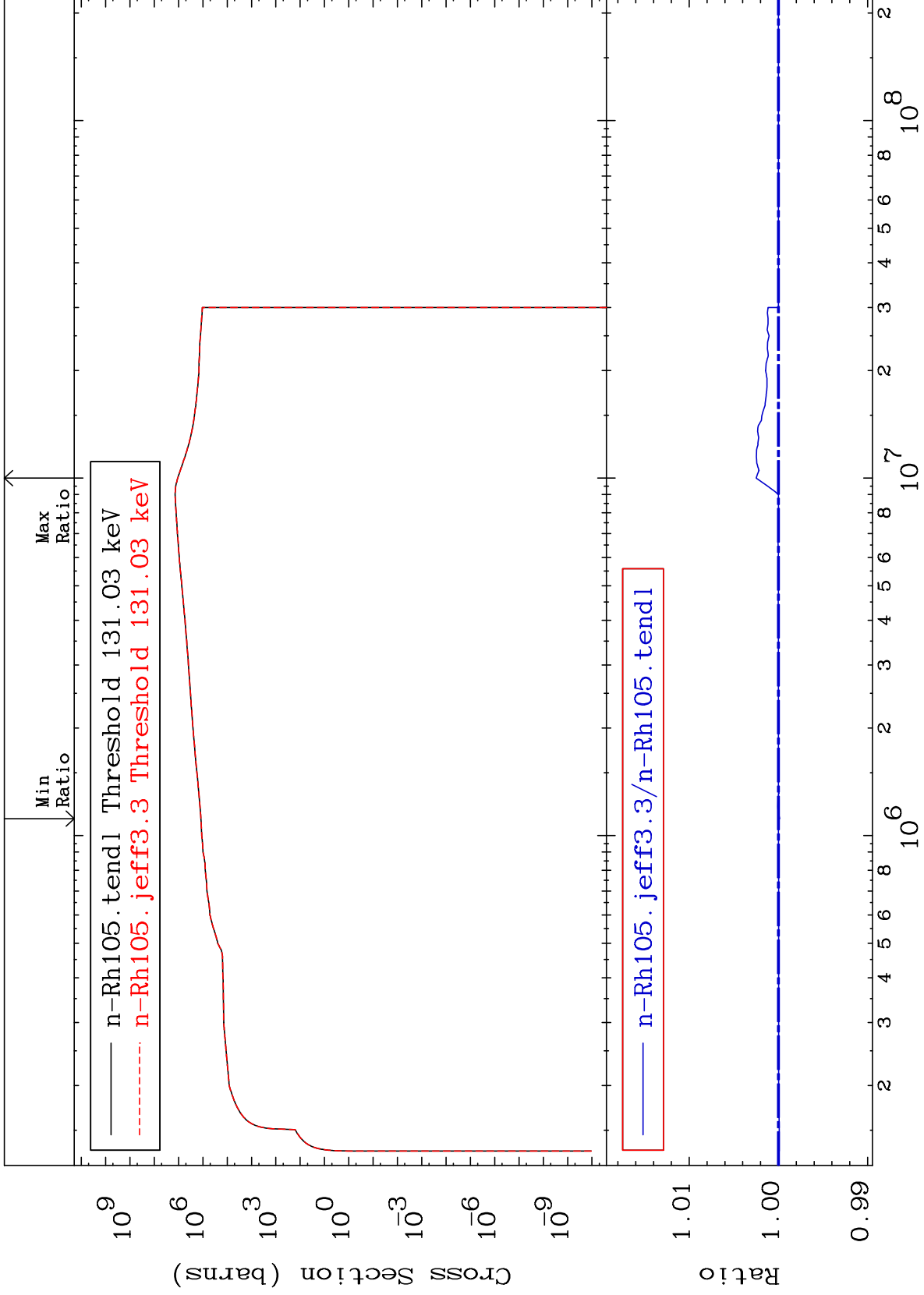
-98.03 To 5403. %



MAT 4531

Kerma inelastic (mt51-91)
Cross Section

45-Rh-105
-0.014 To 0.249 %



70

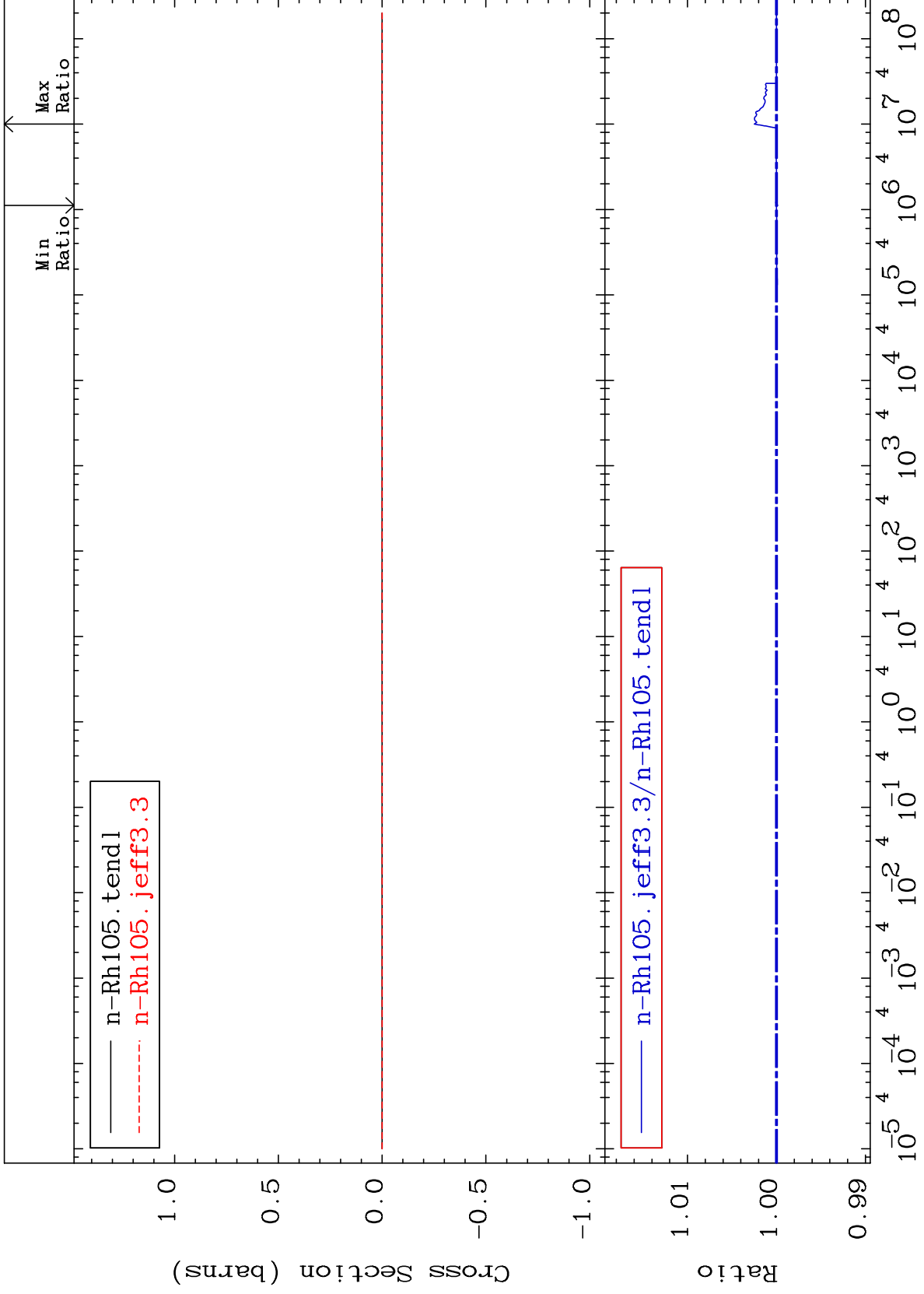
Incident Energy (eV)

45-Rh-105

MAT 4531

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

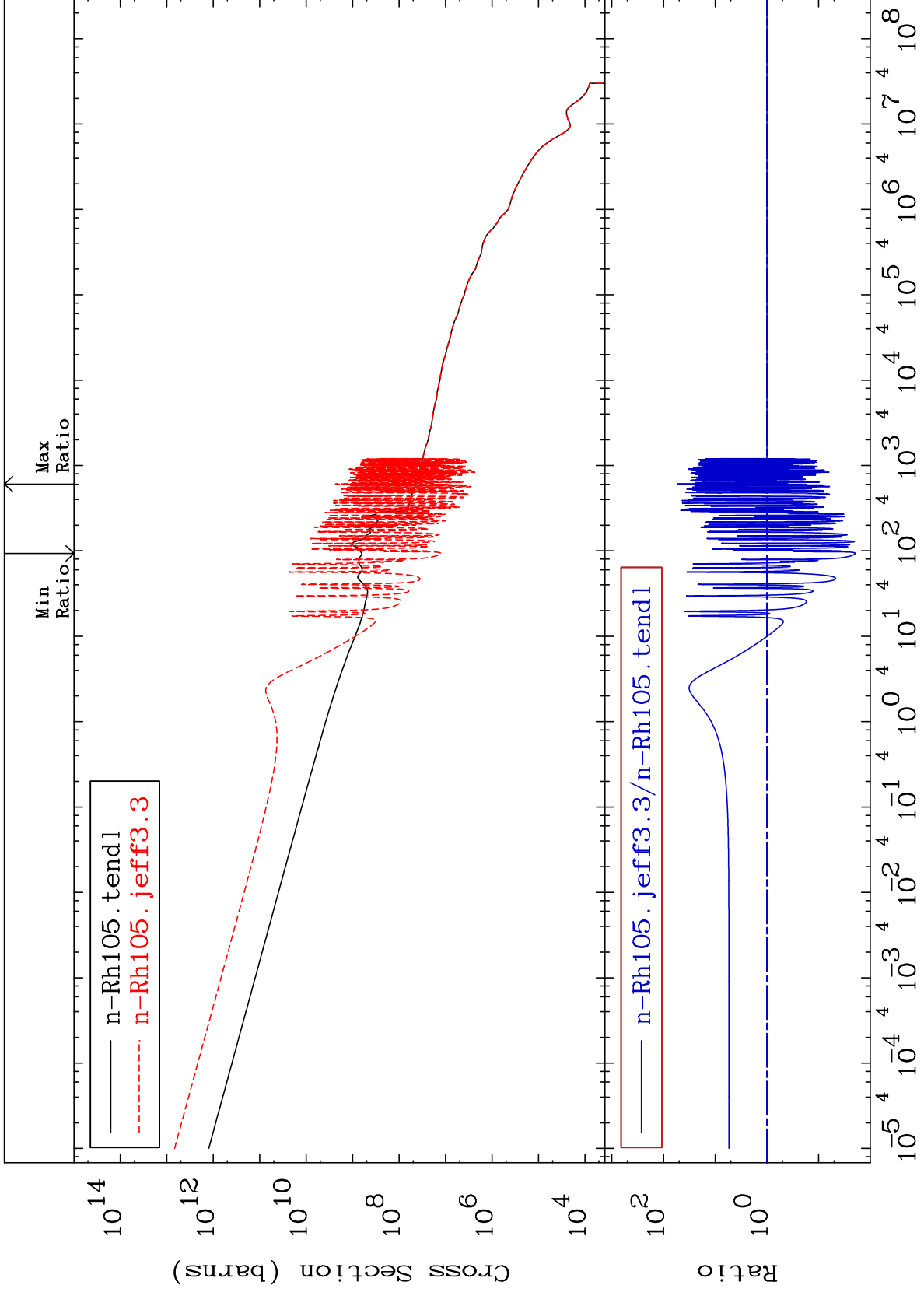
45-Rh-105
-0.014 To 0.249 %



MAT 4531

Kerma capture (mt102)
Cross Section

45-Rh-105
-98.03 To 5403. %



72

Incident Energy (eV)

45-Rh-105

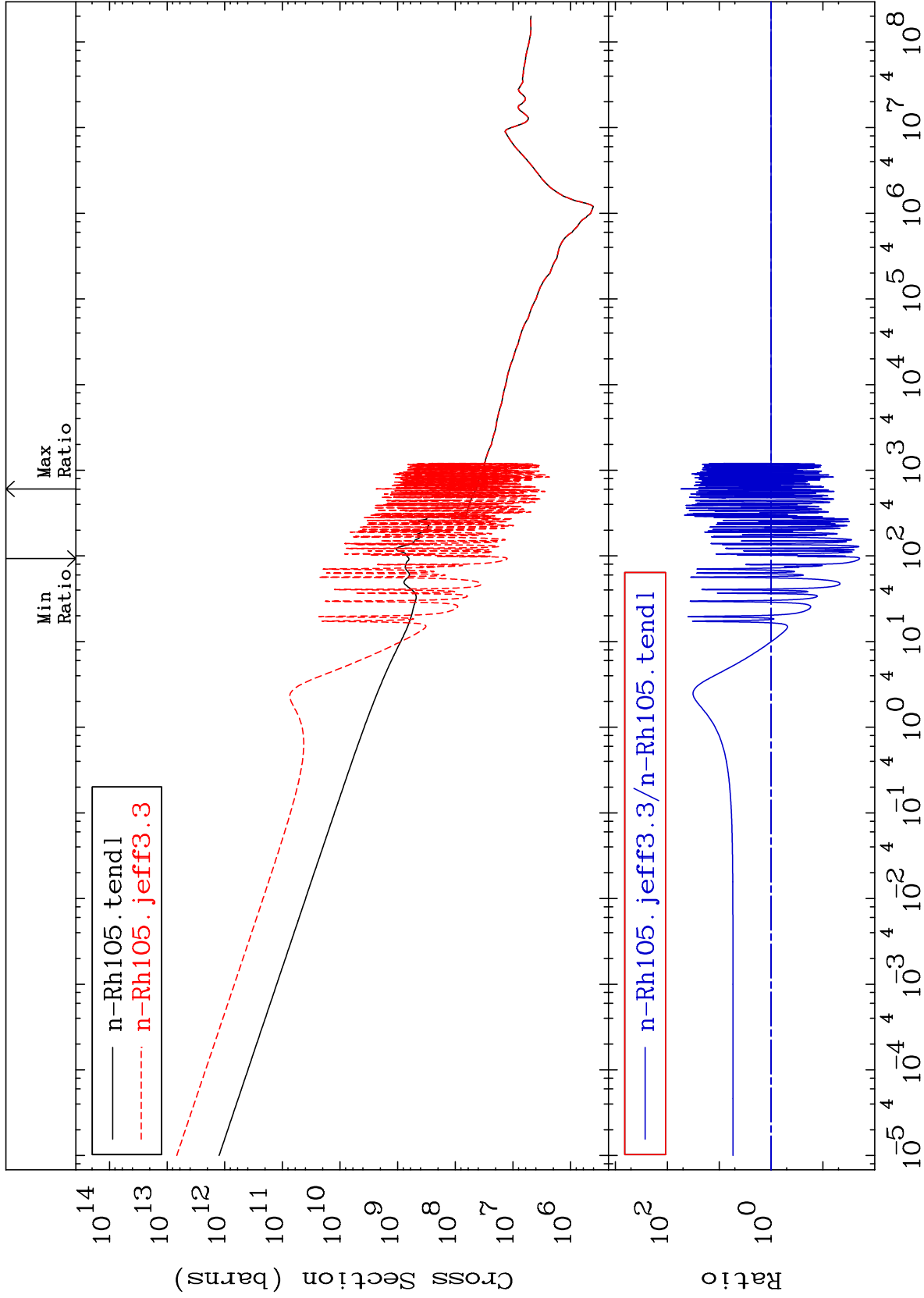
MAT 4531

Total photon (eV-barns)

45-Rh-105

Cross Section

-98.03 To 5403. %



73

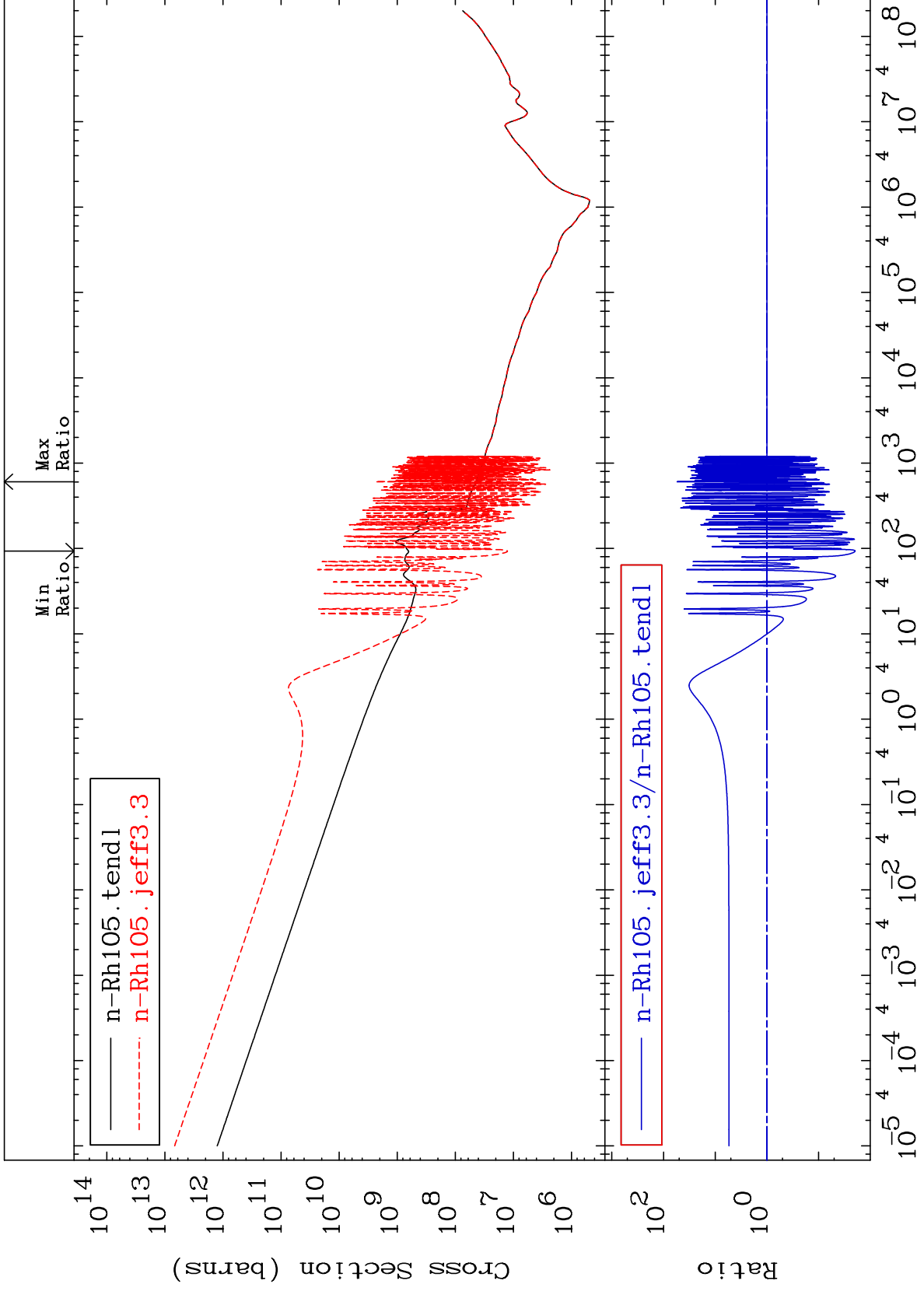
Incident Energy (eV)

45-Rh-105

MAT 4531

Total kinematic kerma (high limit)
Cross Section

45-Rh-105
-98.03 To 5403. %



74

Incident Energy (eV)

45-Rh-105

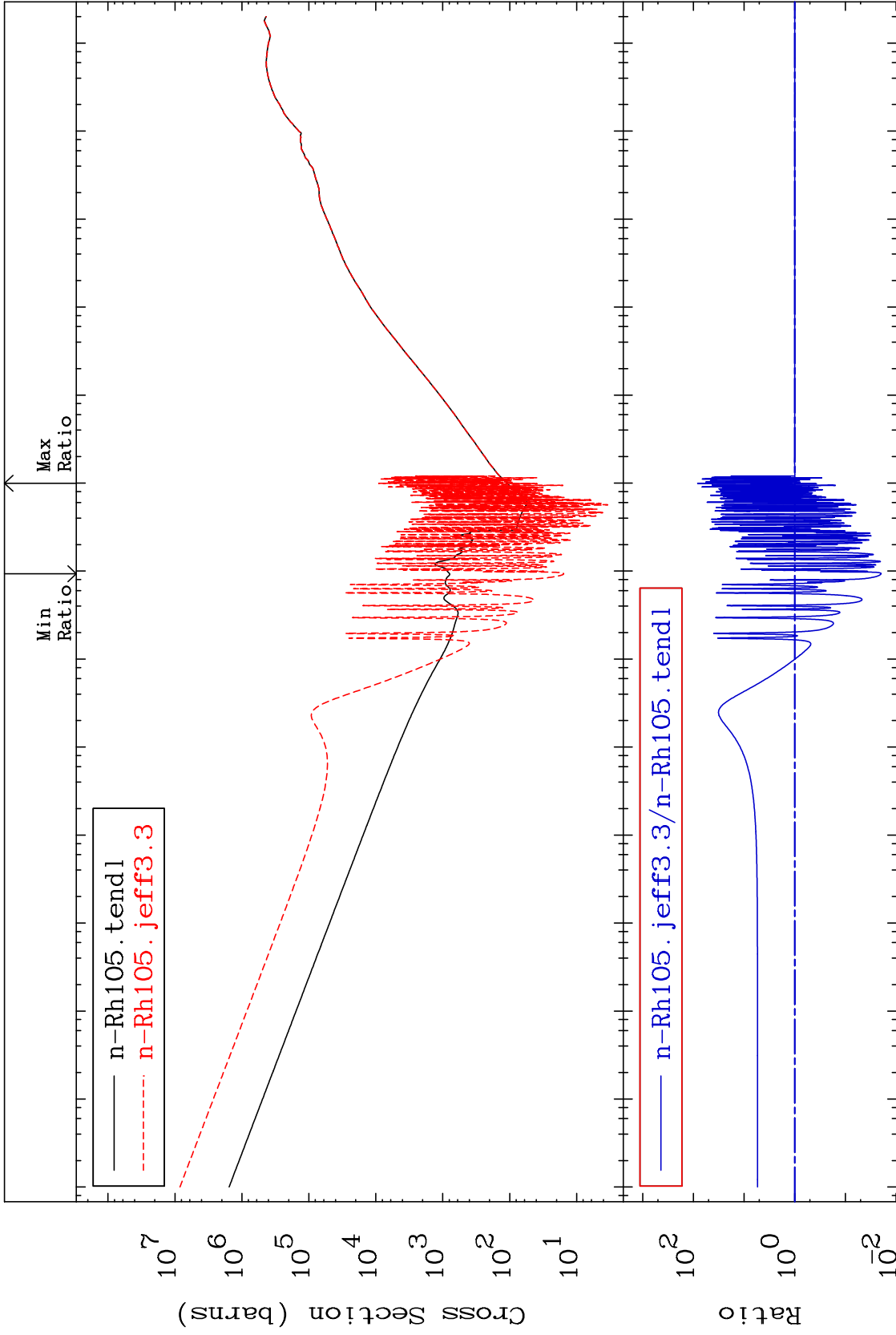
MAT 4531

Dpa total (eV-barns)

45-Rh-105

-98.03 To 8195. %

Cross Section



75

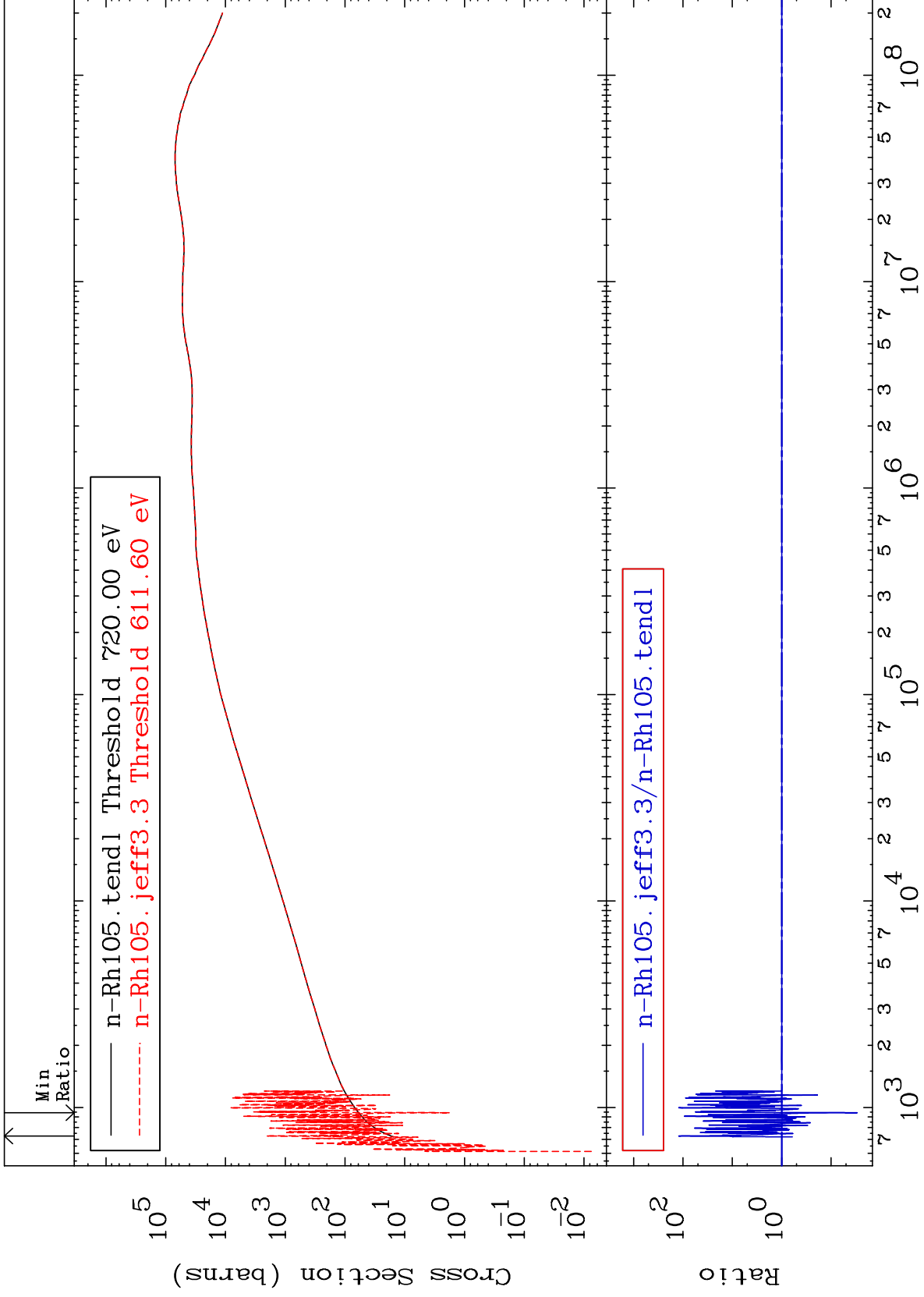
Incident Energy (eV)

45-Rh-105

MAT 4531

Dpa elastic (mt2)
Cross Section

45-Rh-105
-97.04 To 9999. %



76

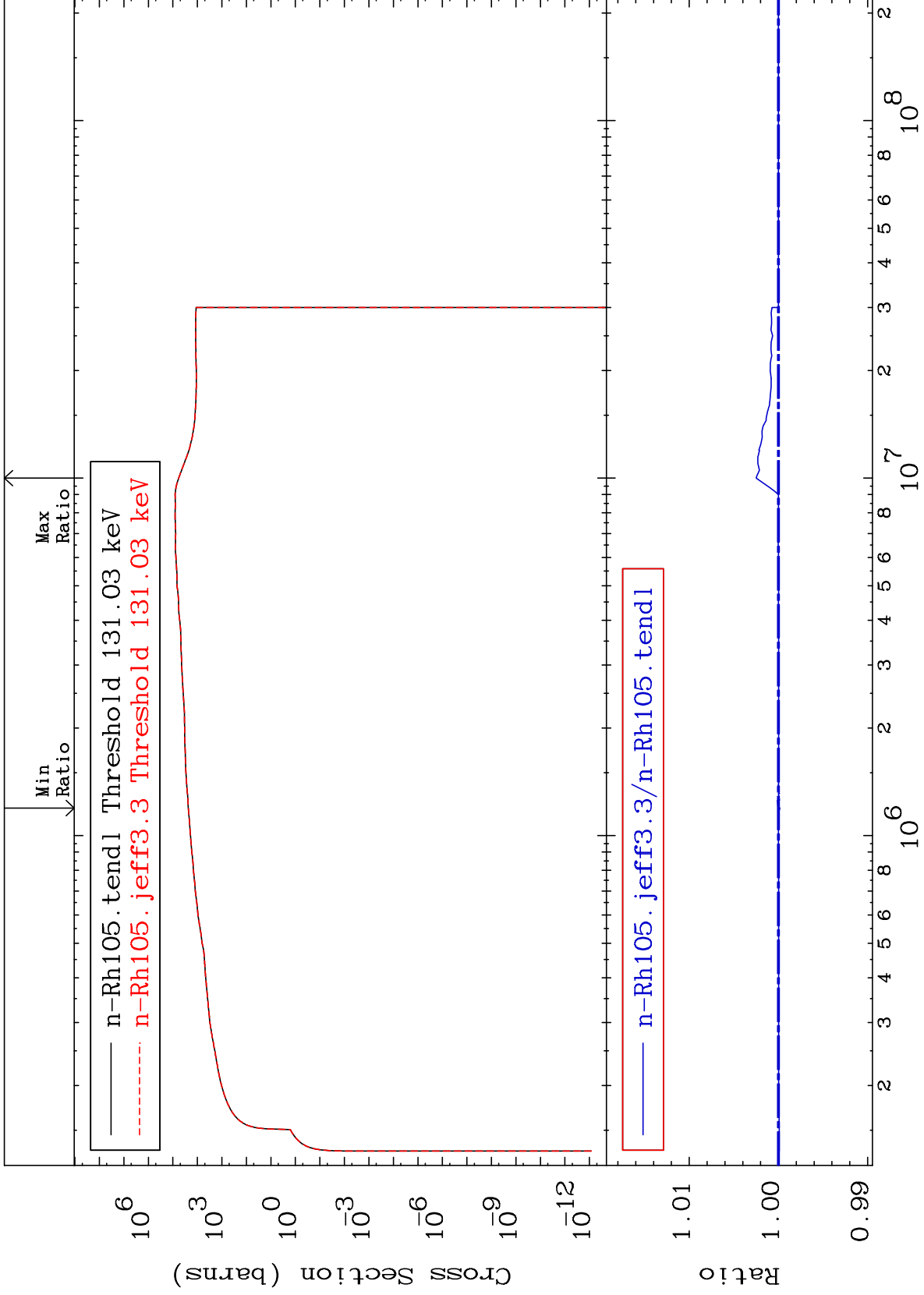
Incident Energy (eV)

45-Rh-105

MAT 4531

Dpa inelastic (mt51-91)
Cross Section

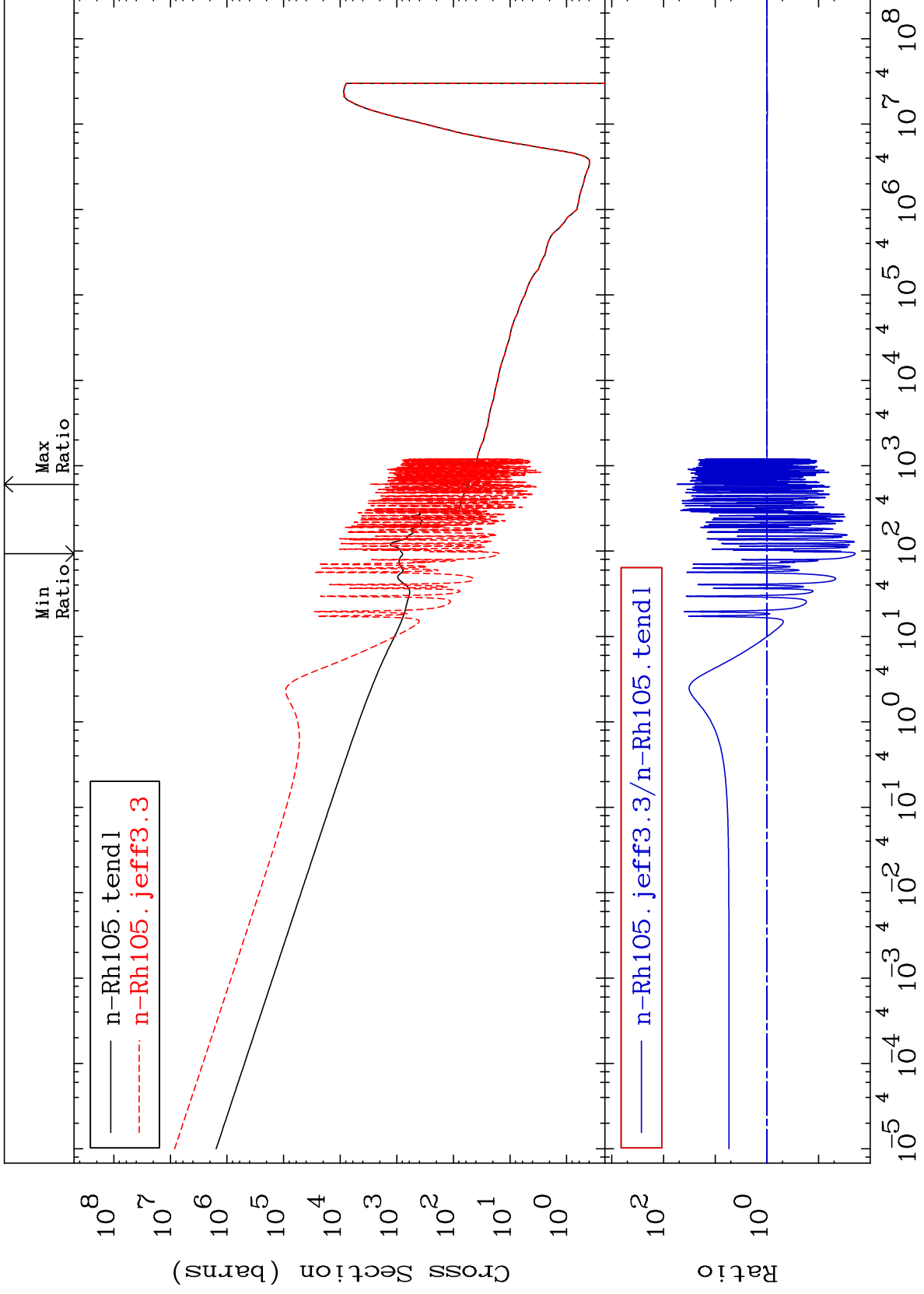
45-Rh-105
-0.015 To 0.250 %



MAT 4531

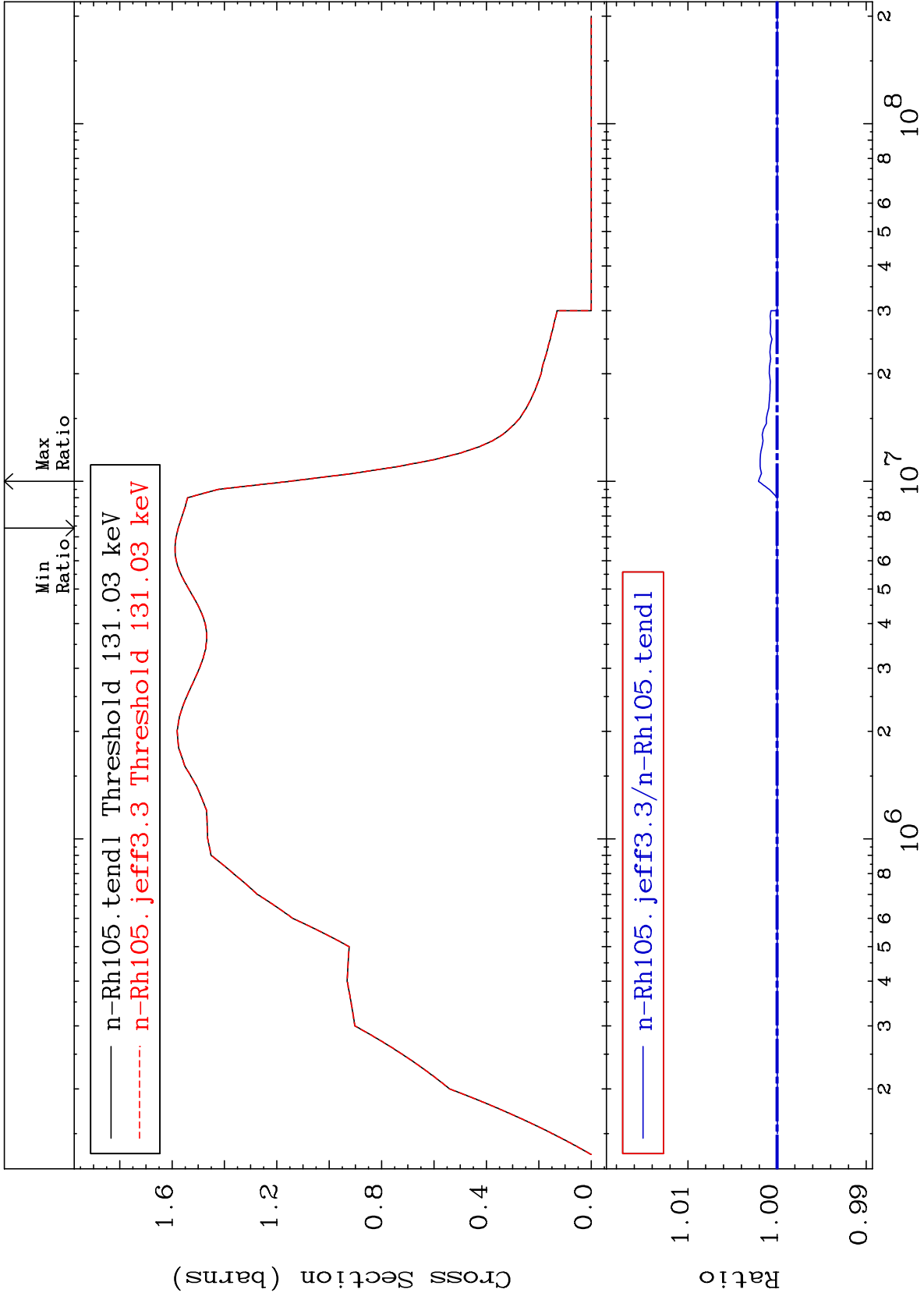
Dpa disappearance (mt102 -120)
Cross Section

45-Rh-105
-98.03 To 5403. %



MAT 4531

Inelastic: 45-Rh-105g 45-Rh-105
Radionuclide Production Cross Section -0.004 To 0.208 %



79

Incident Energy (eV)

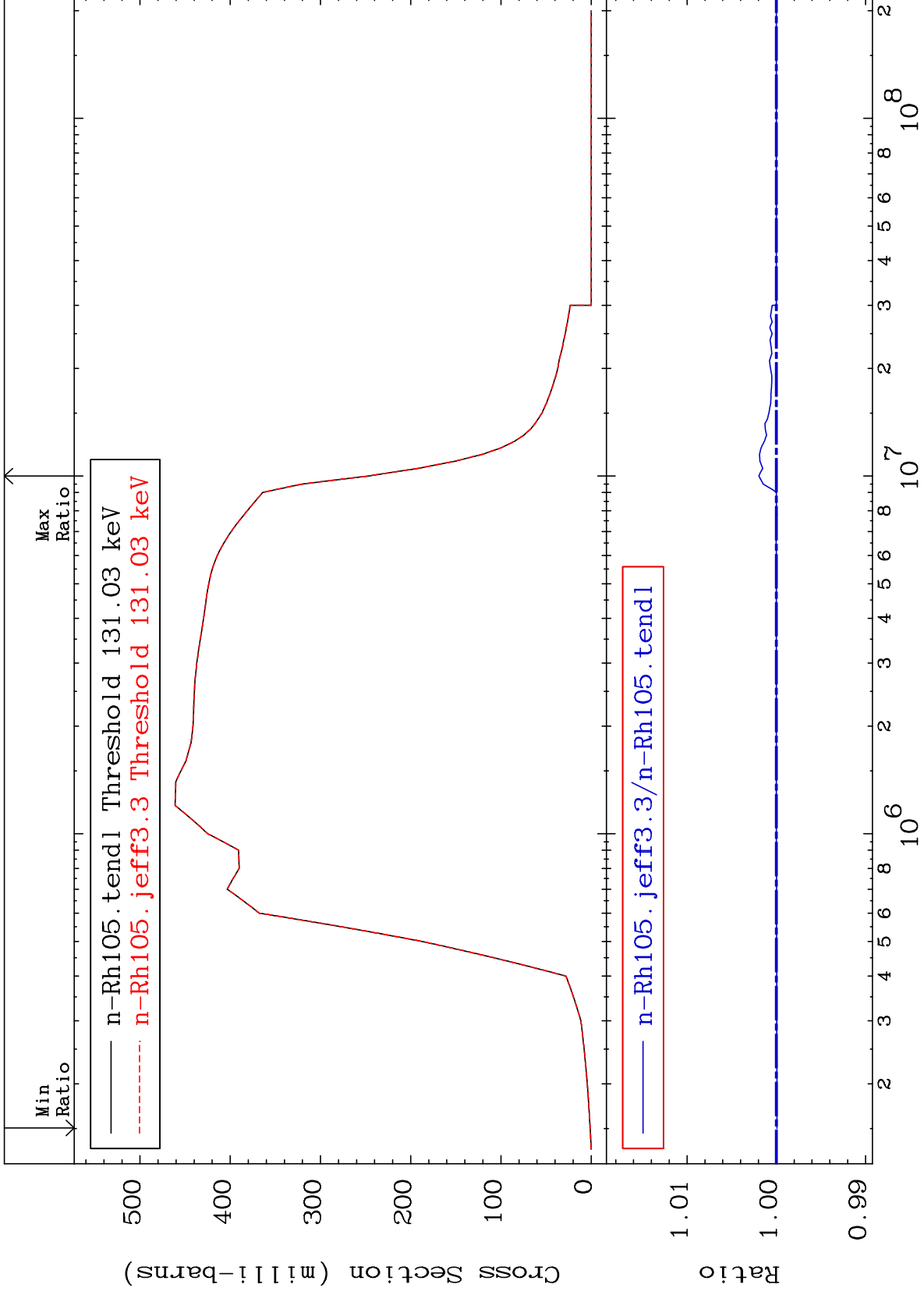
45-Rh-105

MAT 4531

Inelastic: 45-Rh-105m1

45-Rh-105

Radionuclide Production Cross Section -0.008 To 0.196 %



80

Incident Energy (eV)

45-Rh-105

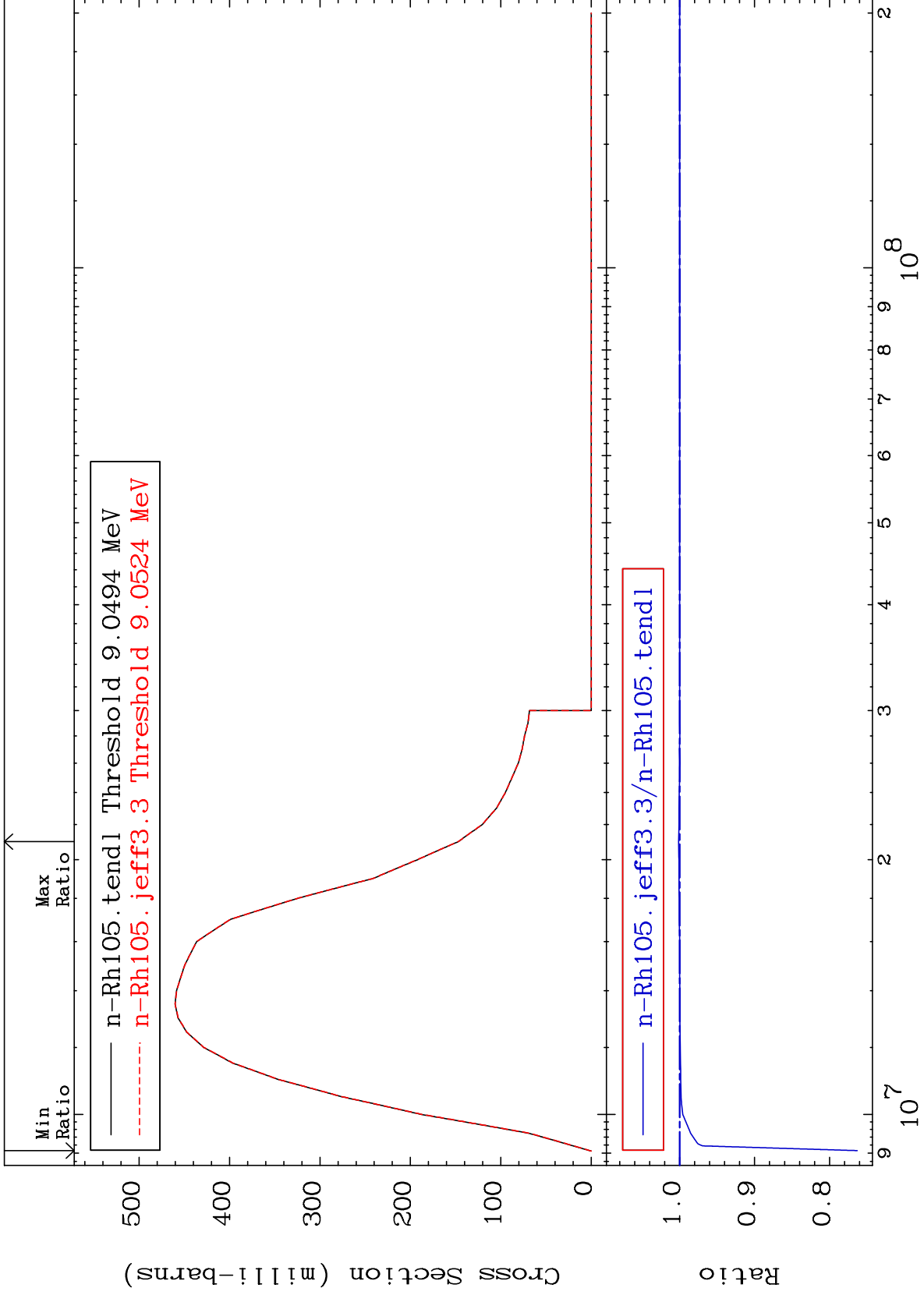
MAT 4531

(n,2n):45-Rh-104g

45-Rh-105

Radionuclide Production Cross Section

-23.69 To 0.131 %



81

Incident Energy (eV)

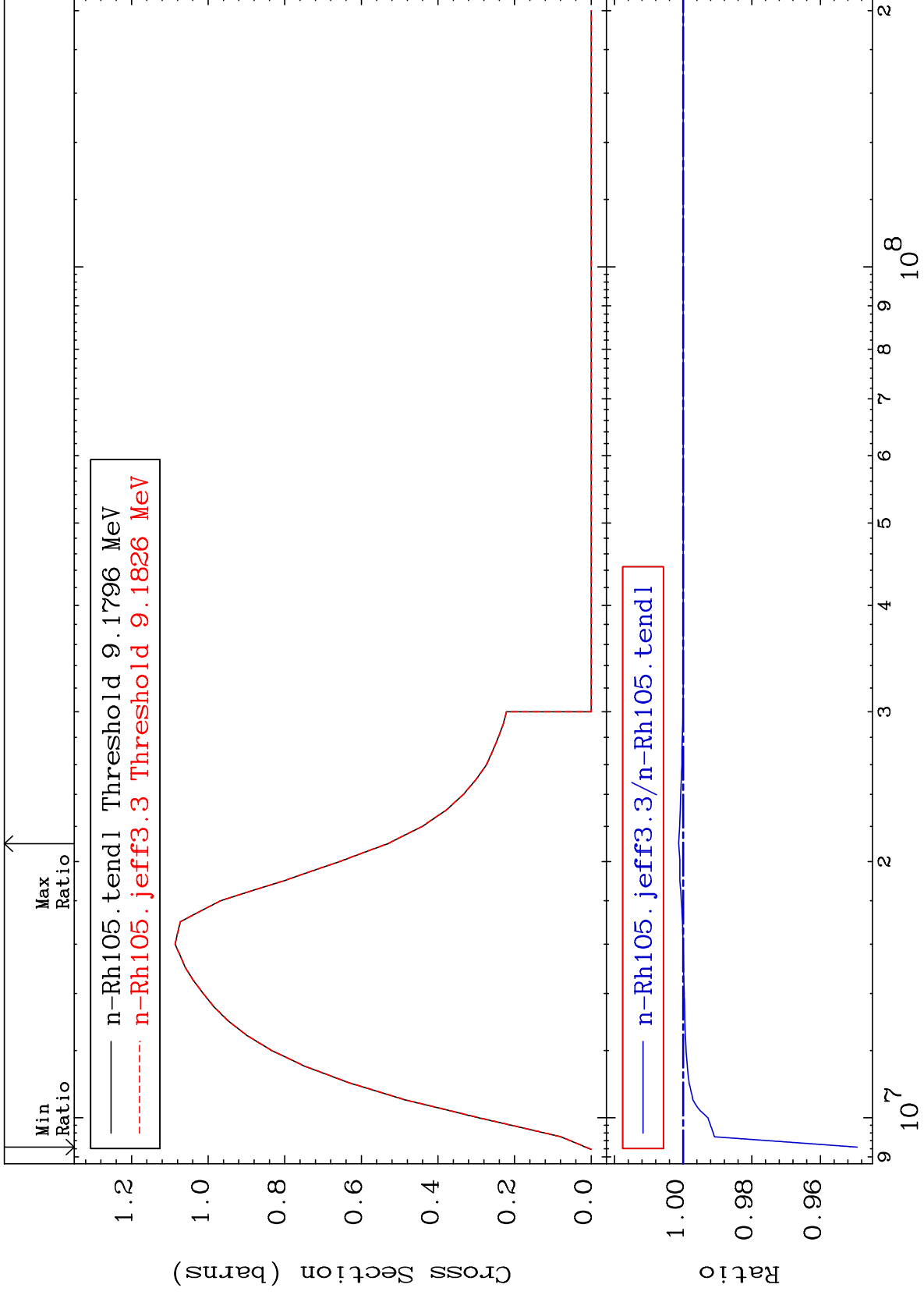
45-Rh-105

MAT 4531

(n,2n) : 45-Rh-104m3

45-Rh-105

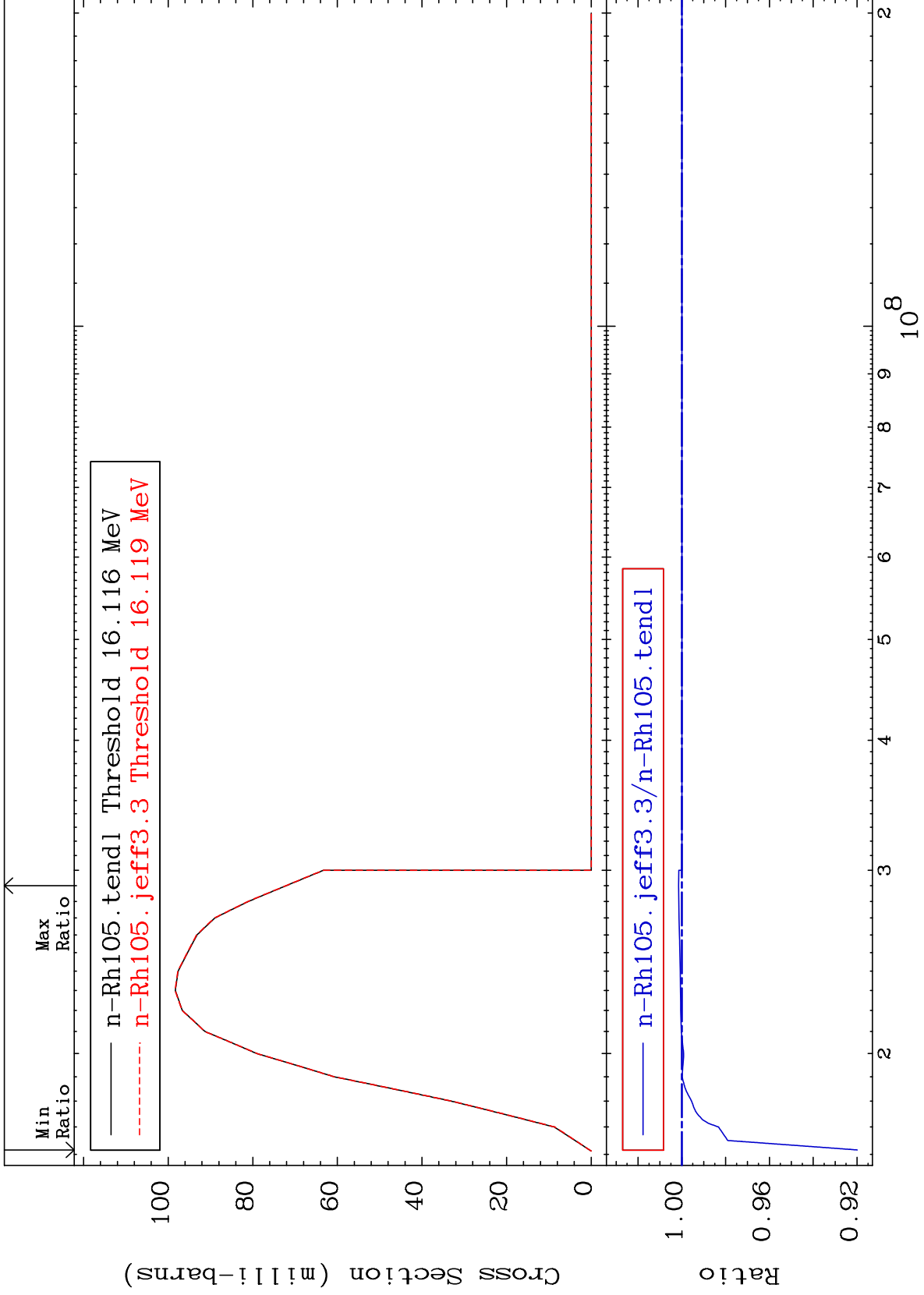
Radionuclide Production Cross Section -5.071 To 0.133 %



82

Incident Energy (eV)

45-Rh-105



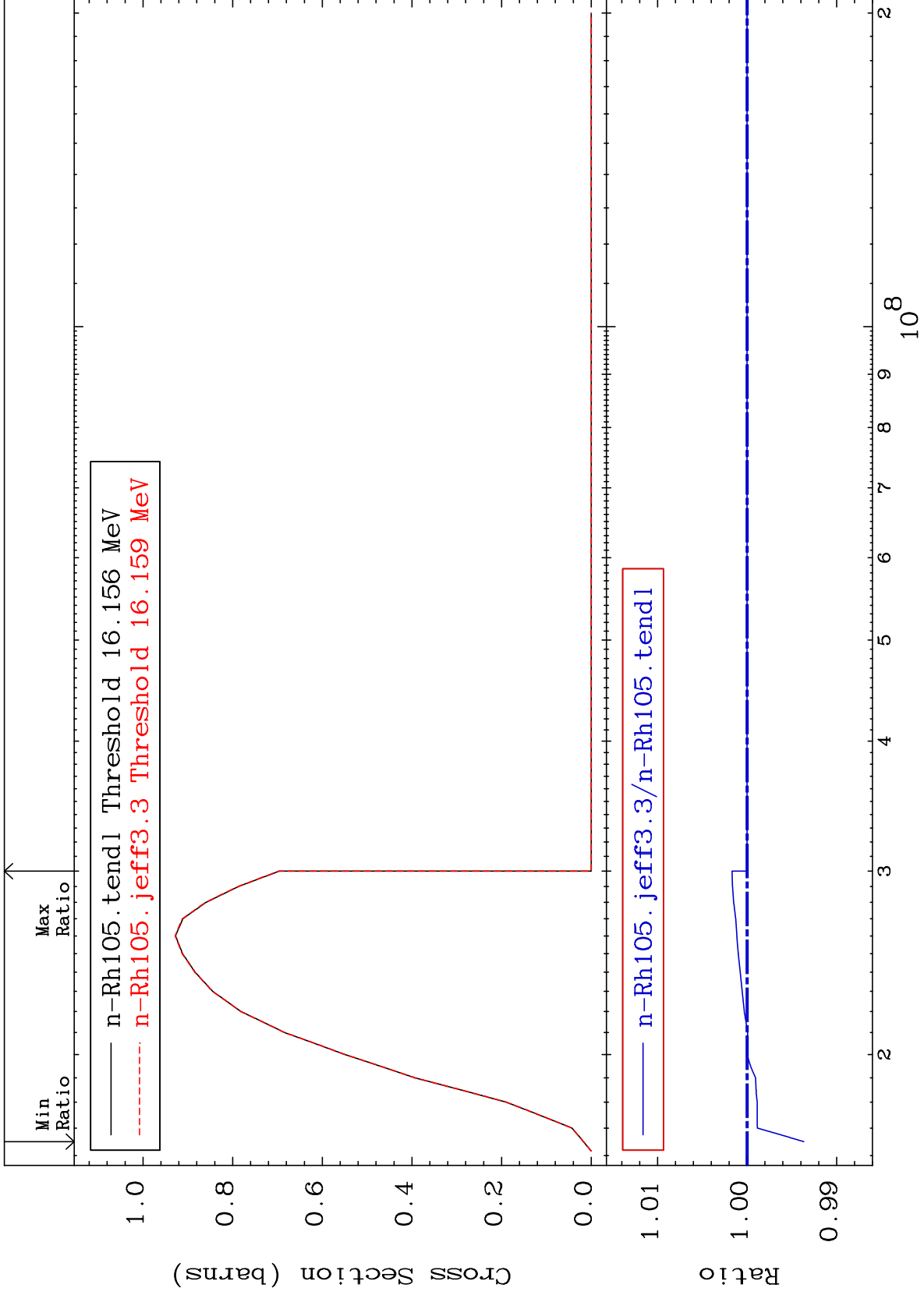
MAT 4531

(n, 3n) : 45-Rh-103m1

45-Rh-105

Radionuclide Production Cross Section

-0.633 To 0.167 %

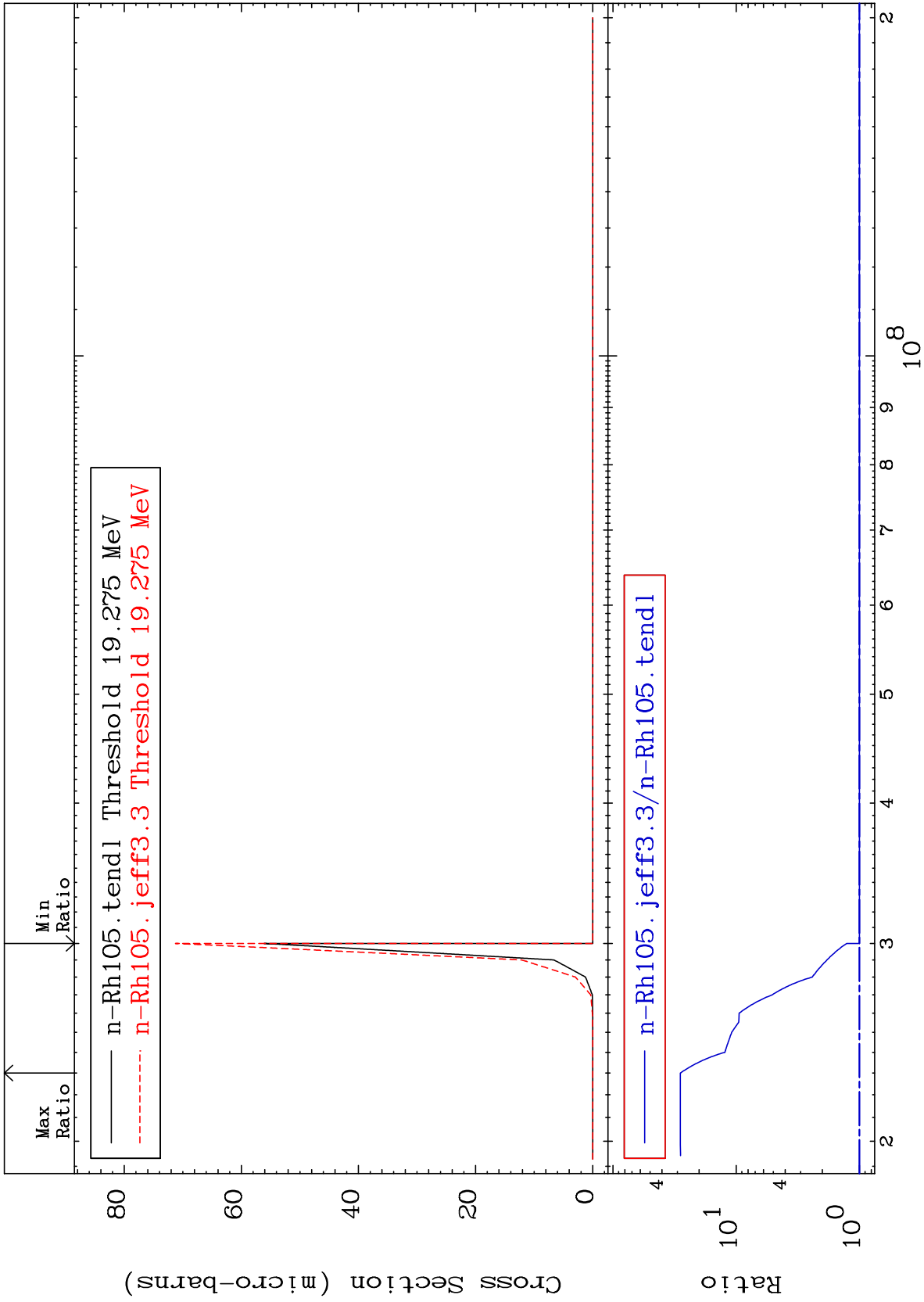


MAT 4531

(n, 3n) α :43-Tc-99g

Radionuclide Production Cross Section 0.000 To 2736. %

45-Rh-105

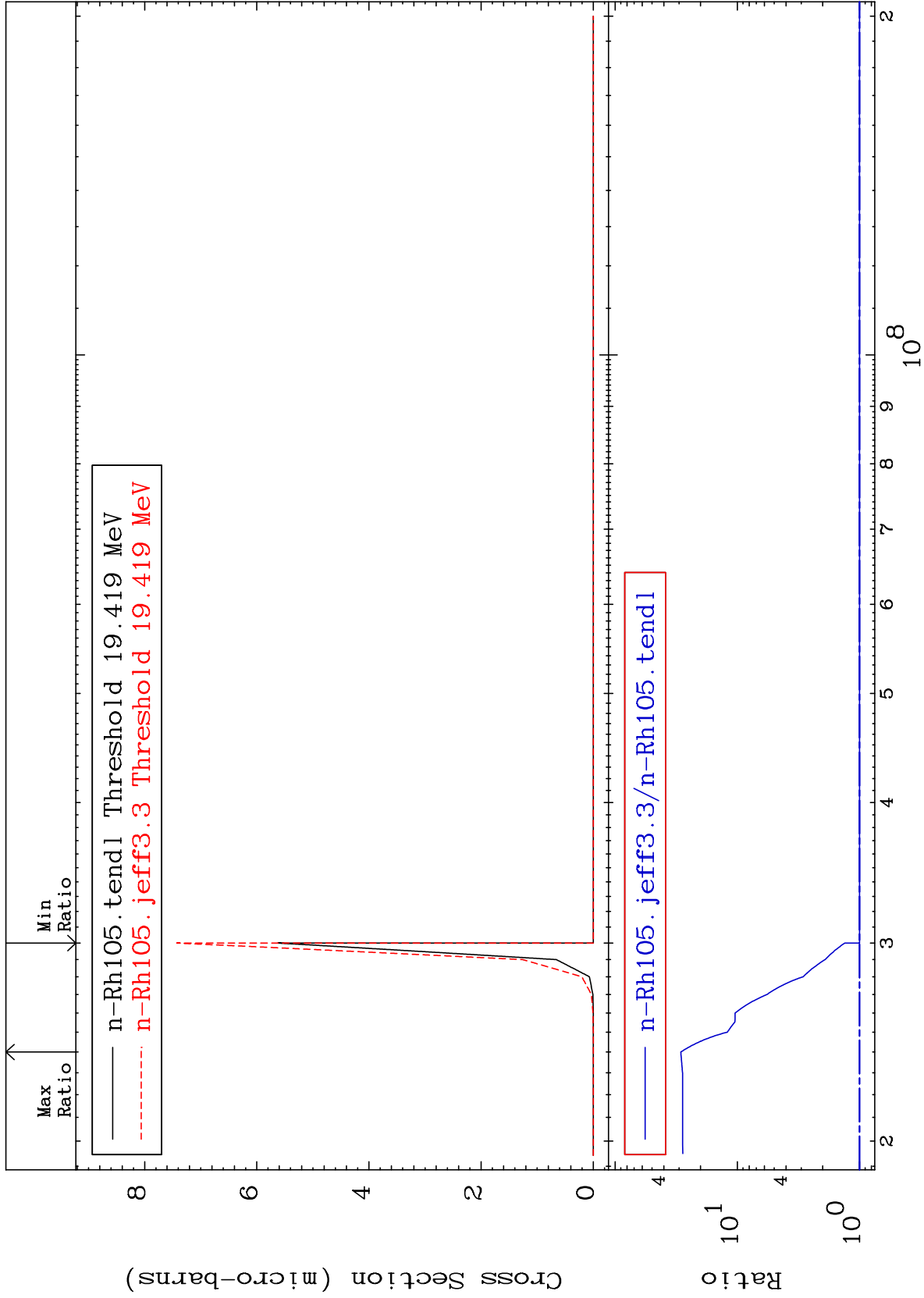


MAT 4531

(n,3n) α : 43-Tc-99m2

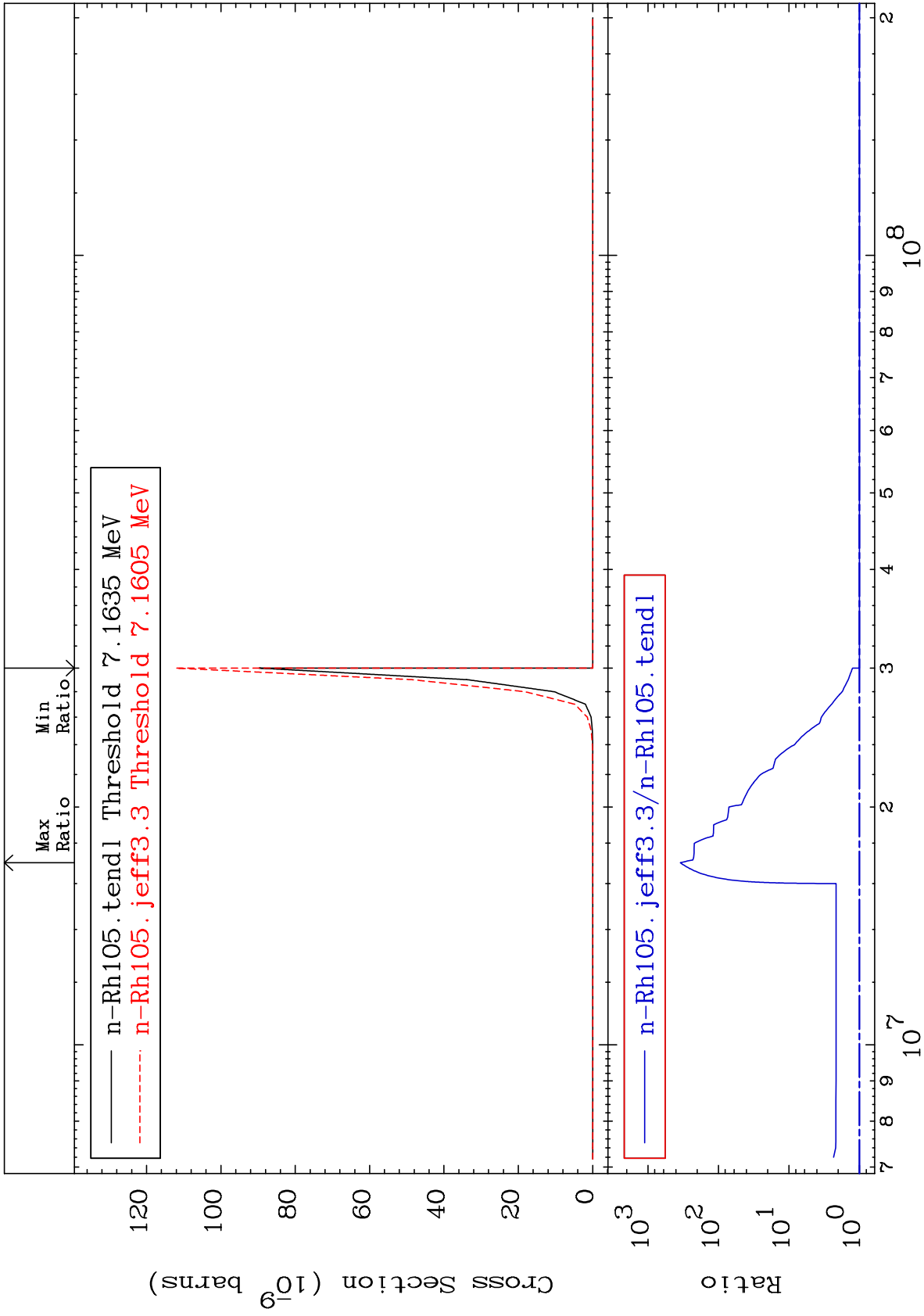
45-Rh-105

Radionuclide Production Cross Section 0.000 To 2804. %



MAT 4531

(n, n') 2α: 41-Nb-97g 45-Rh-105
Radionuclide Production Cross Section 0.000 To 9999. %

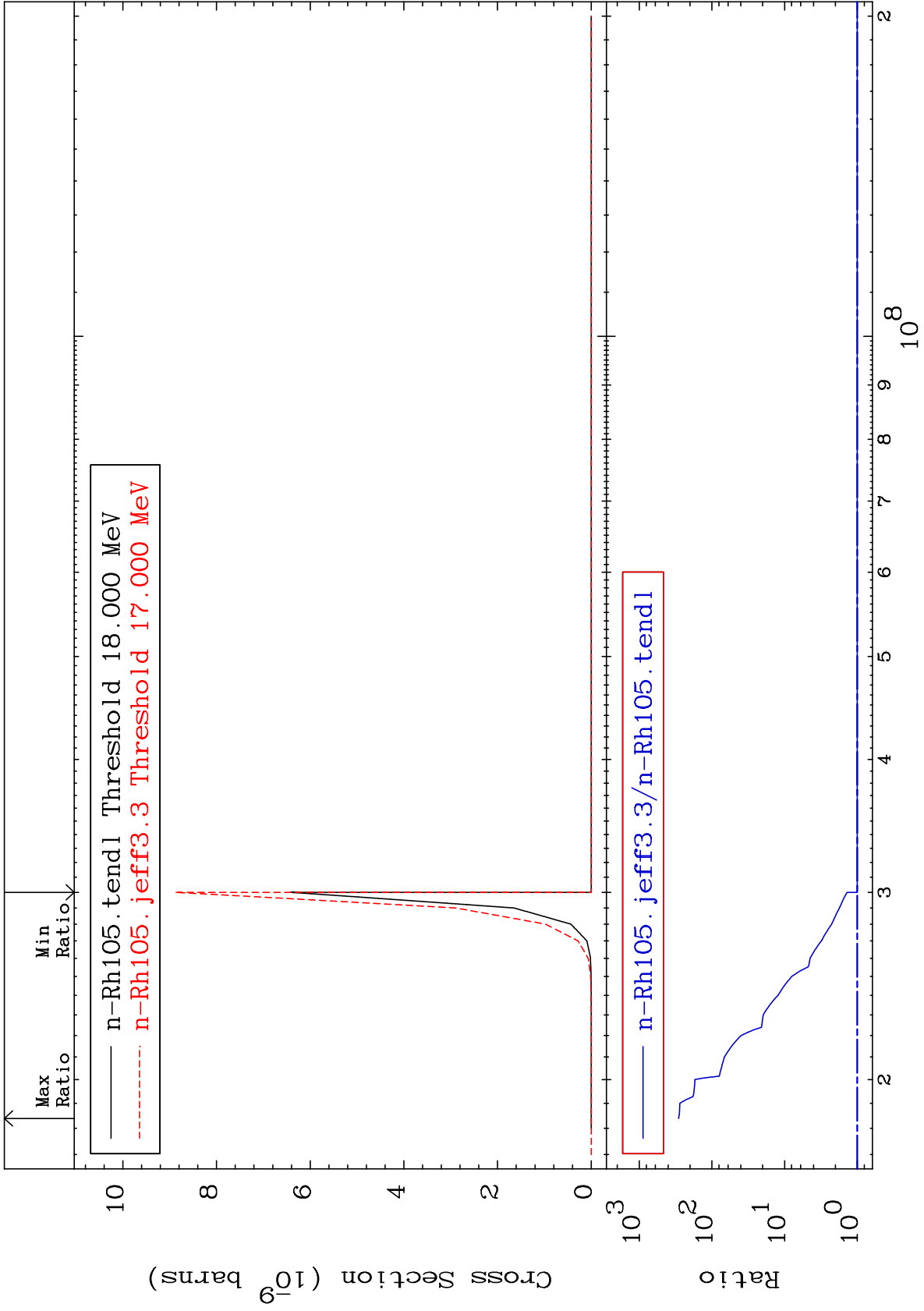


MAT 4531

(n, n') 2α:41-Nb-97m1

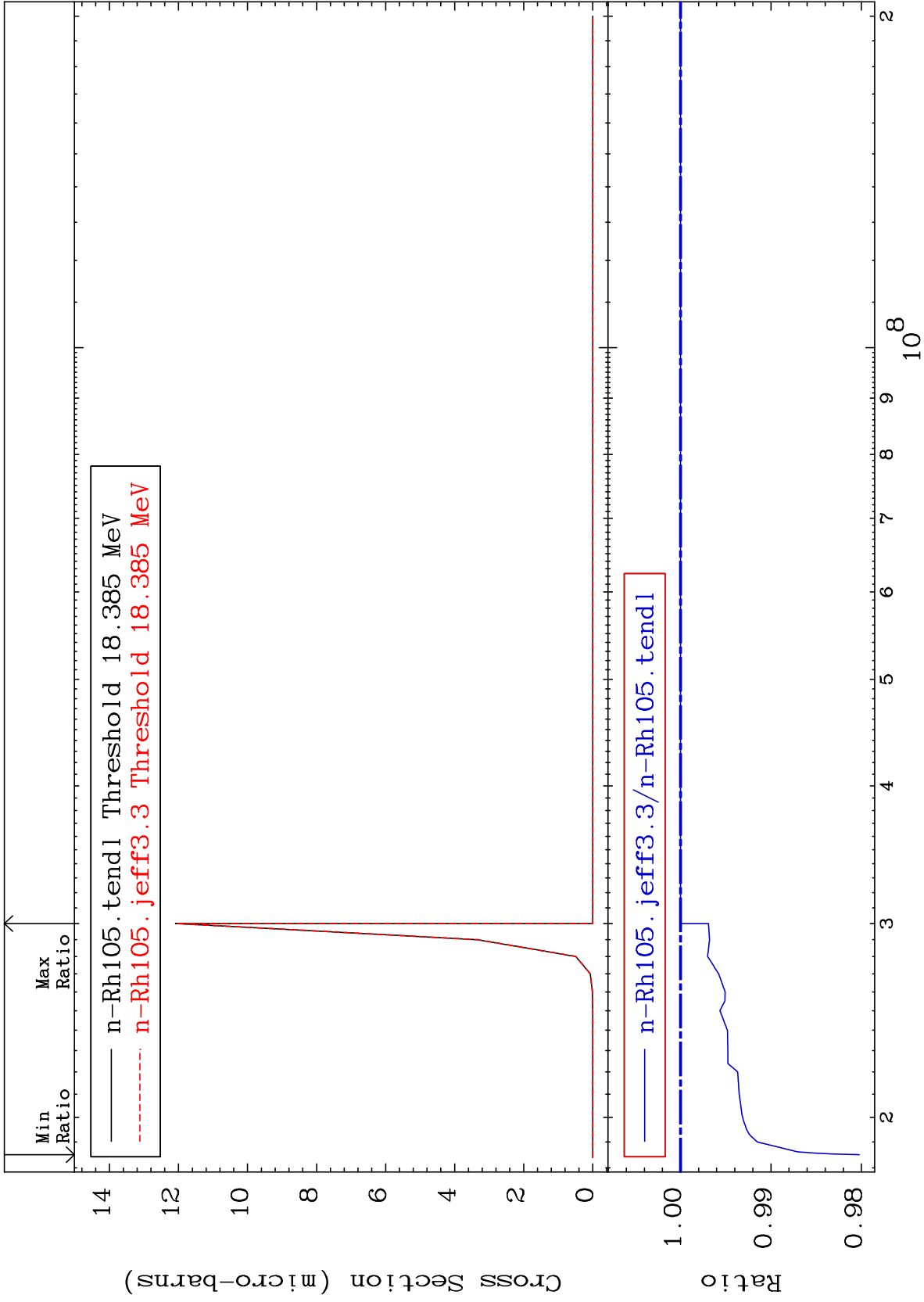
45-Rh-105

Radionuclide Production Cross Section 0.000 To 9999. %



MAT 4531

(n, n') He-3:43-Tc-102g 45-Rh-105
Radionuclide Production Cross Section -1.977 To 0.000 %



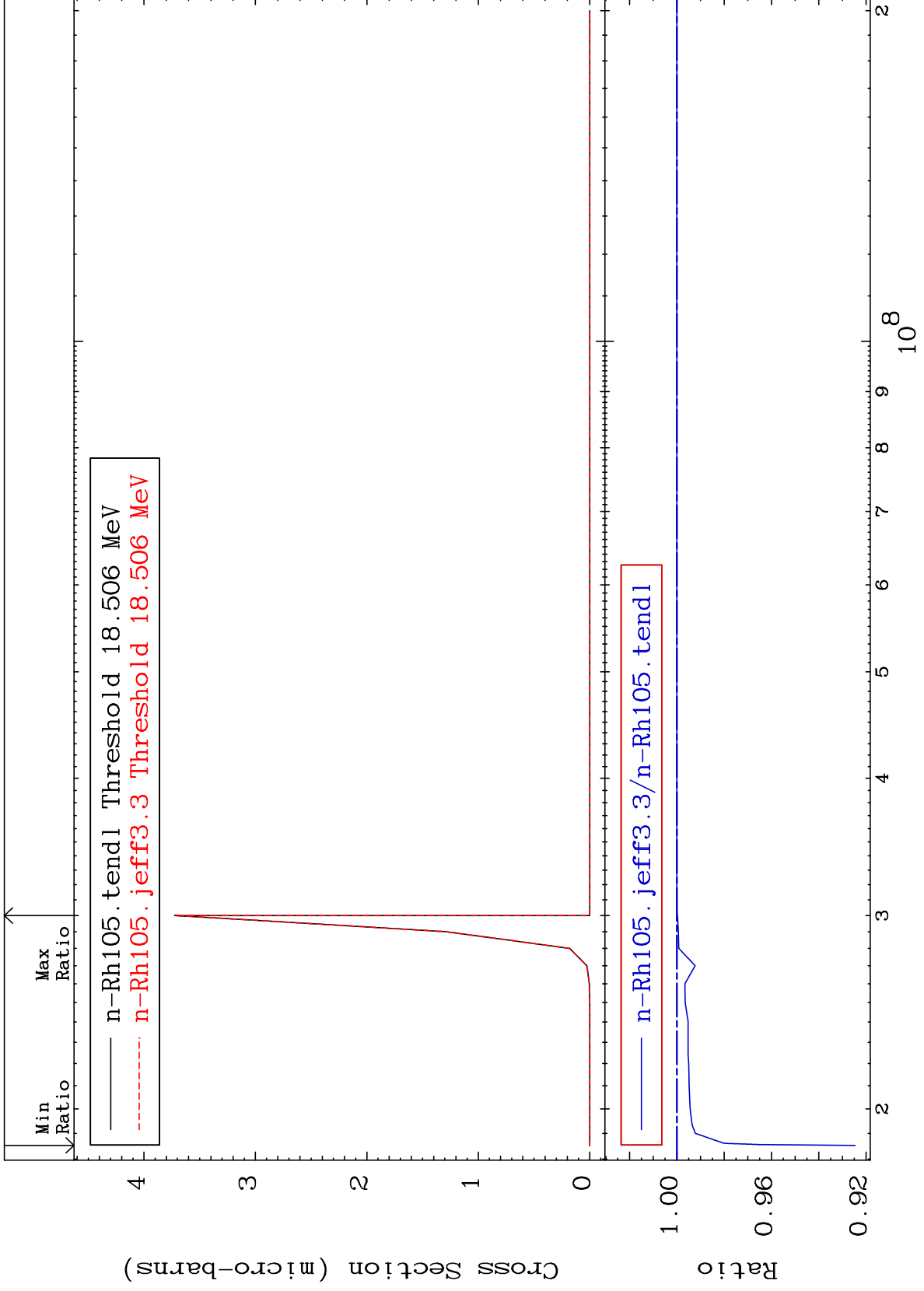
MAT 4531

(n, n') He-3:43-Tc-102m3

45-Rh-105

Radionuclide Production Cross Section

-7.531 To 0.000 %



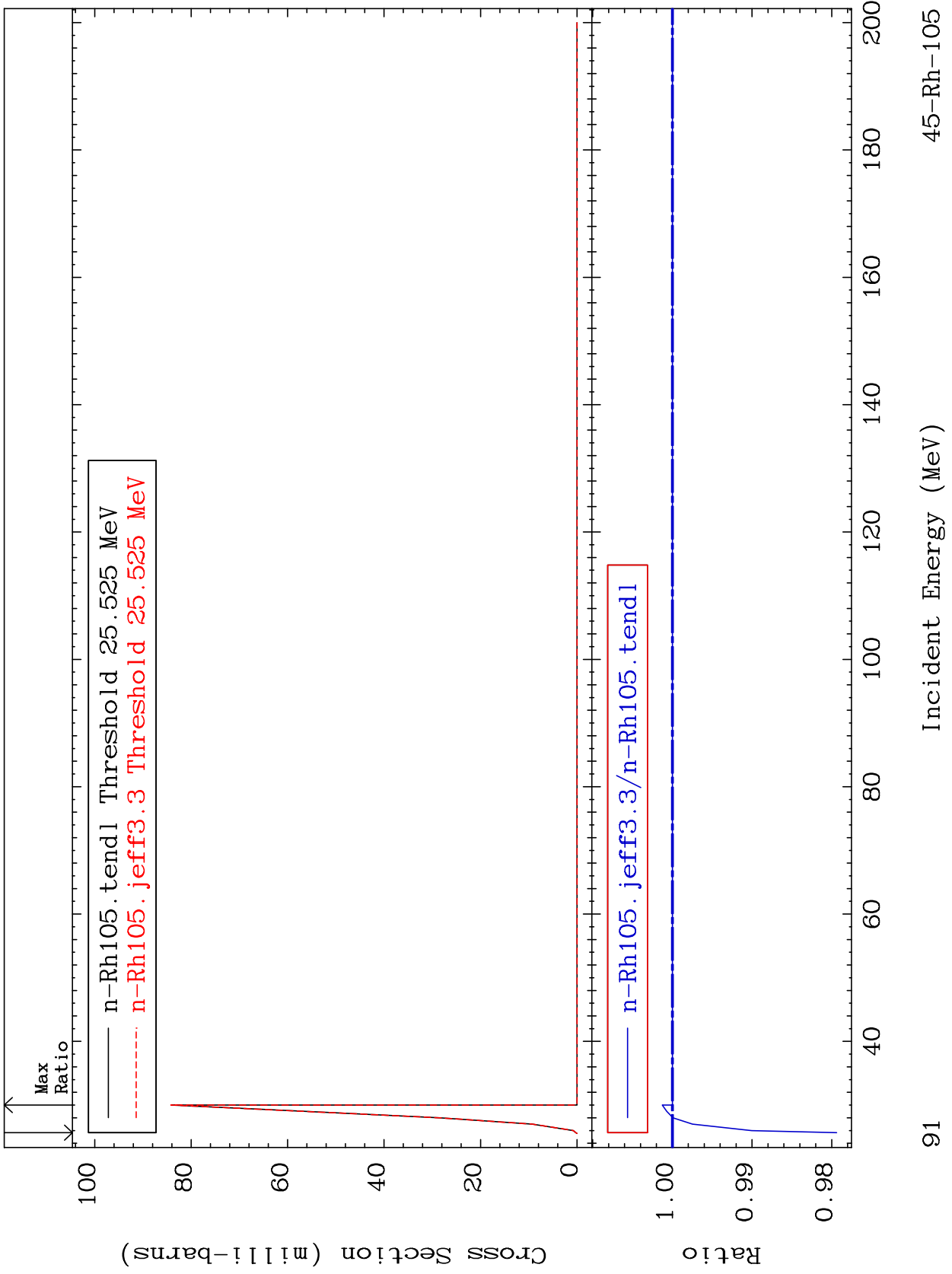
MAT 4531

(n, 4n) : 45-Rh-102g

45-Rh-105

Radionuclide Production Cross Section

-2.062 To 0.126 %

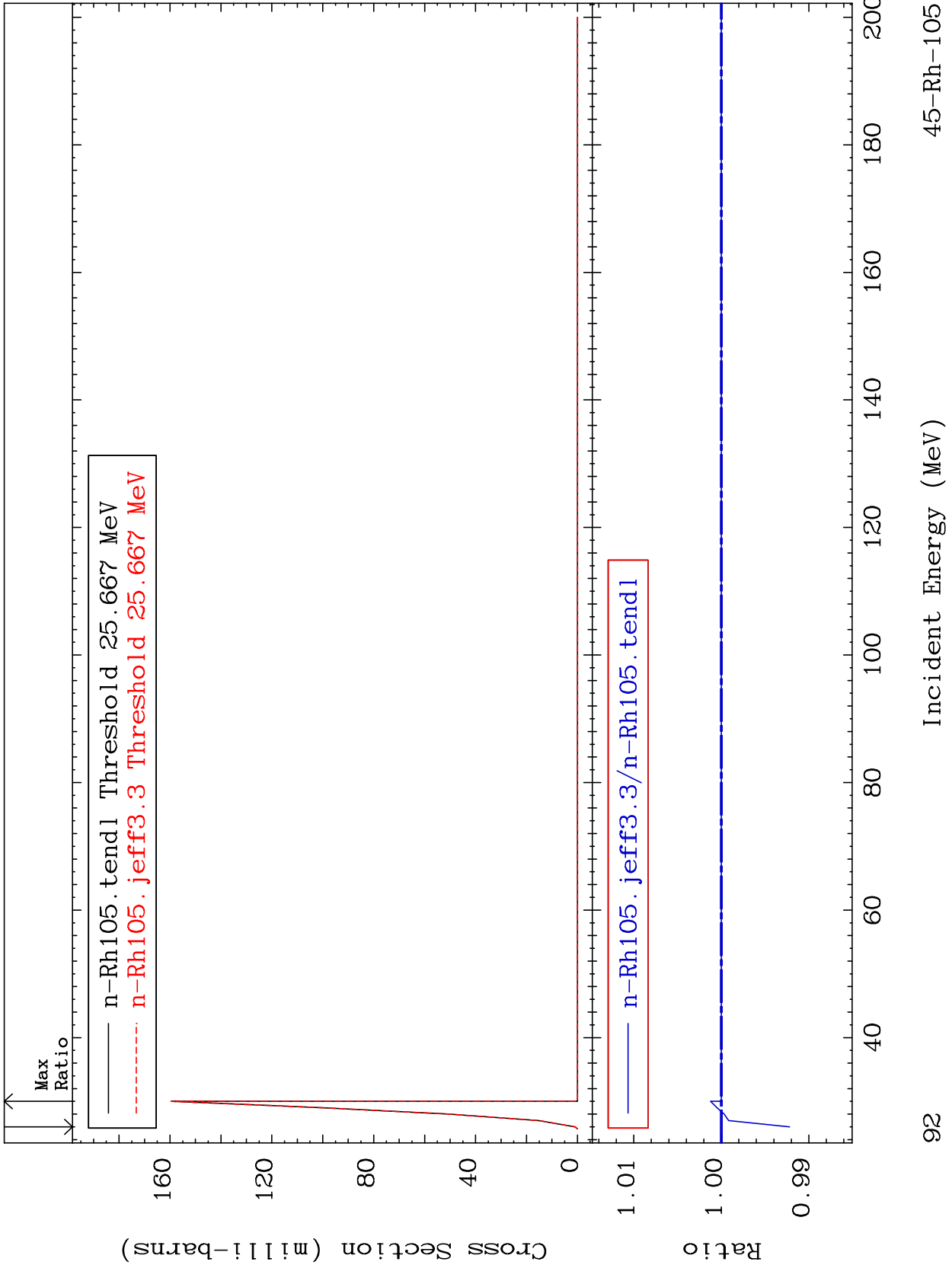


MAT 4531

(n, 4n) : 45-Rh-102m5

45-Rh-105

Radionuclide Production Cross Section -0.781 To 0.124 %

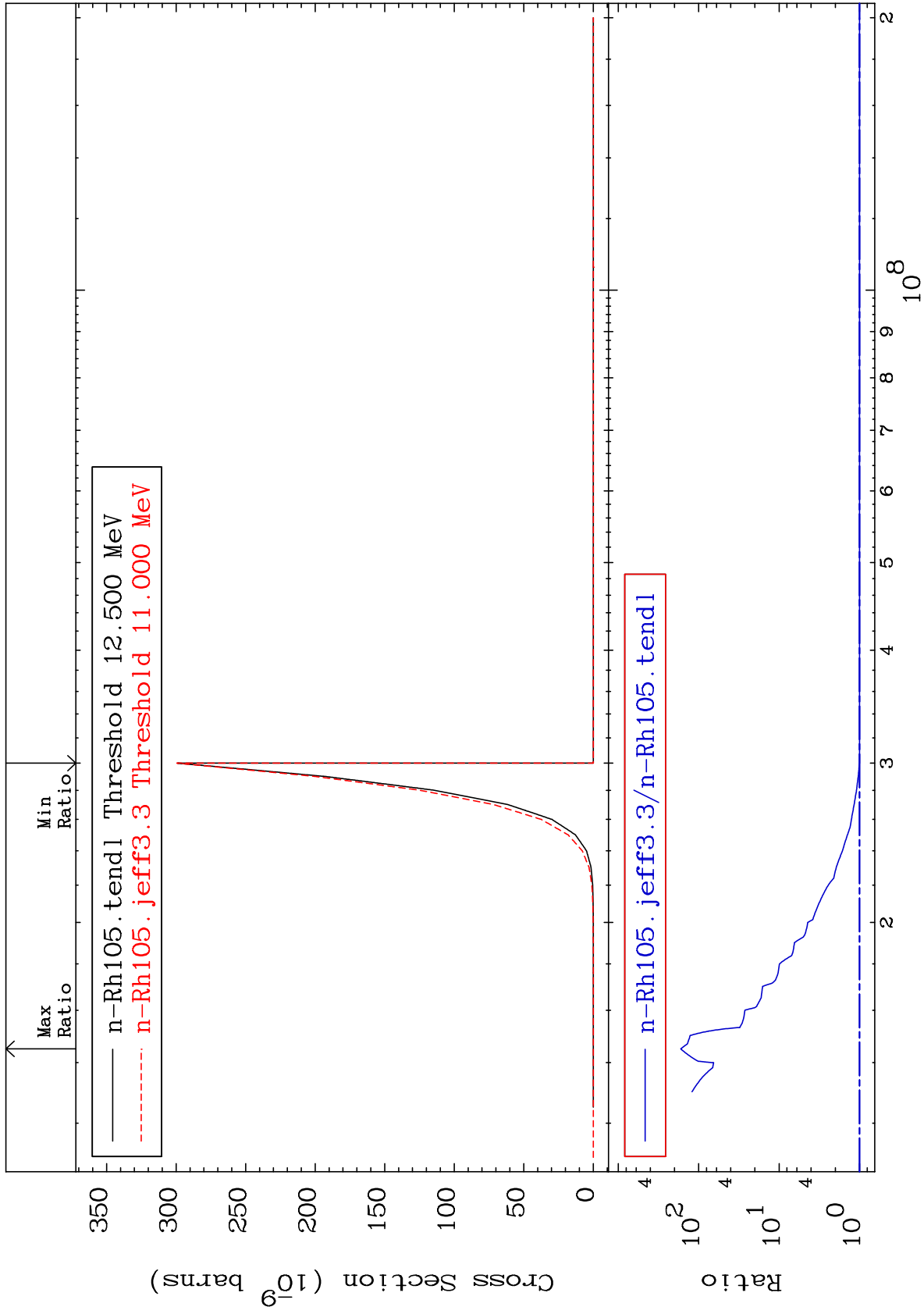


MAT 4531

(n,2α):41-Nb-98g

45-Rh-105

Radionuclide Production Cross Section 0.000 To 9999. %

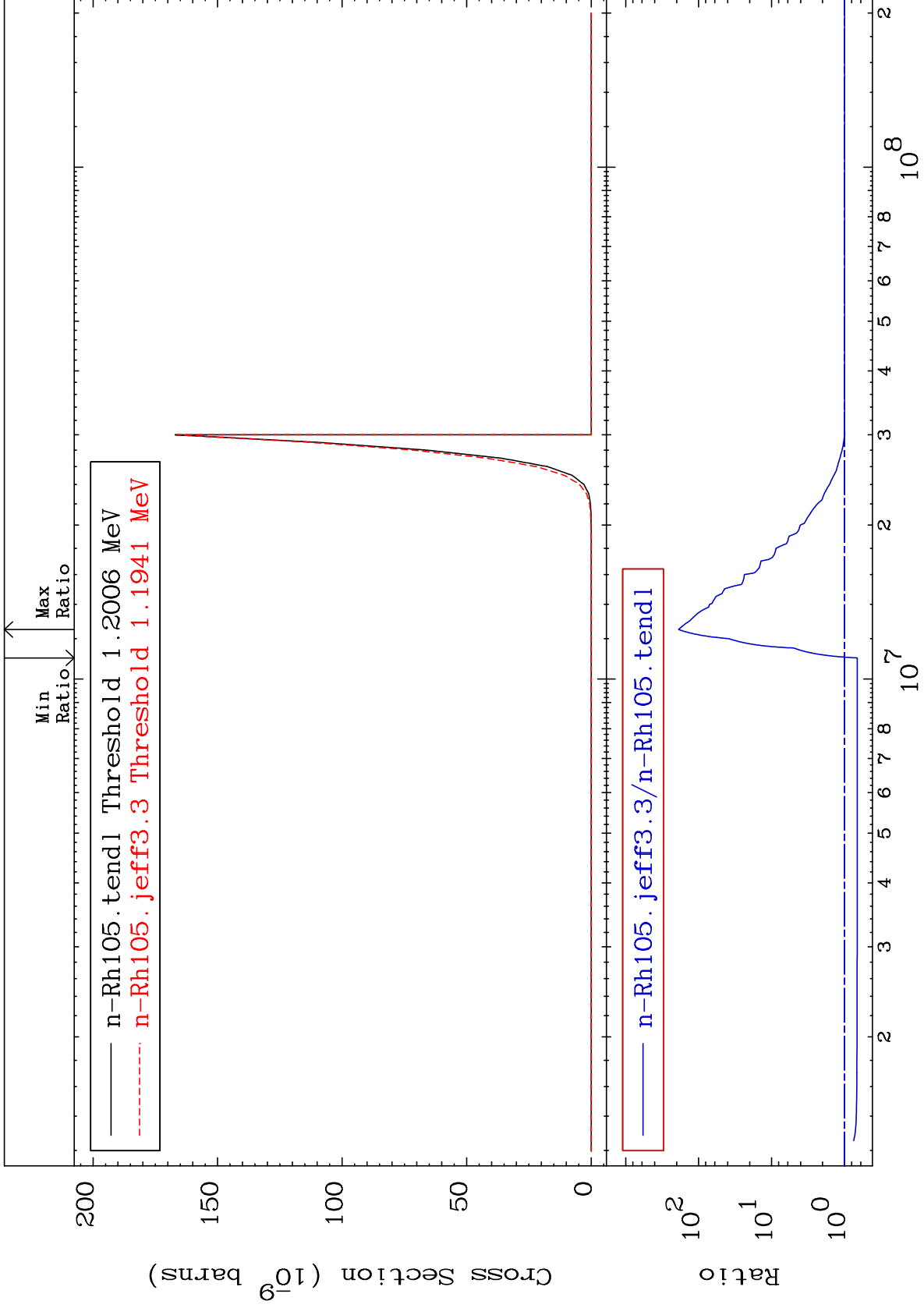


MAT 4531

(n,2α):41-Nb-98m1

45-Rh-105

Radionuclide Production Cross Section -33.05 To 9999. %



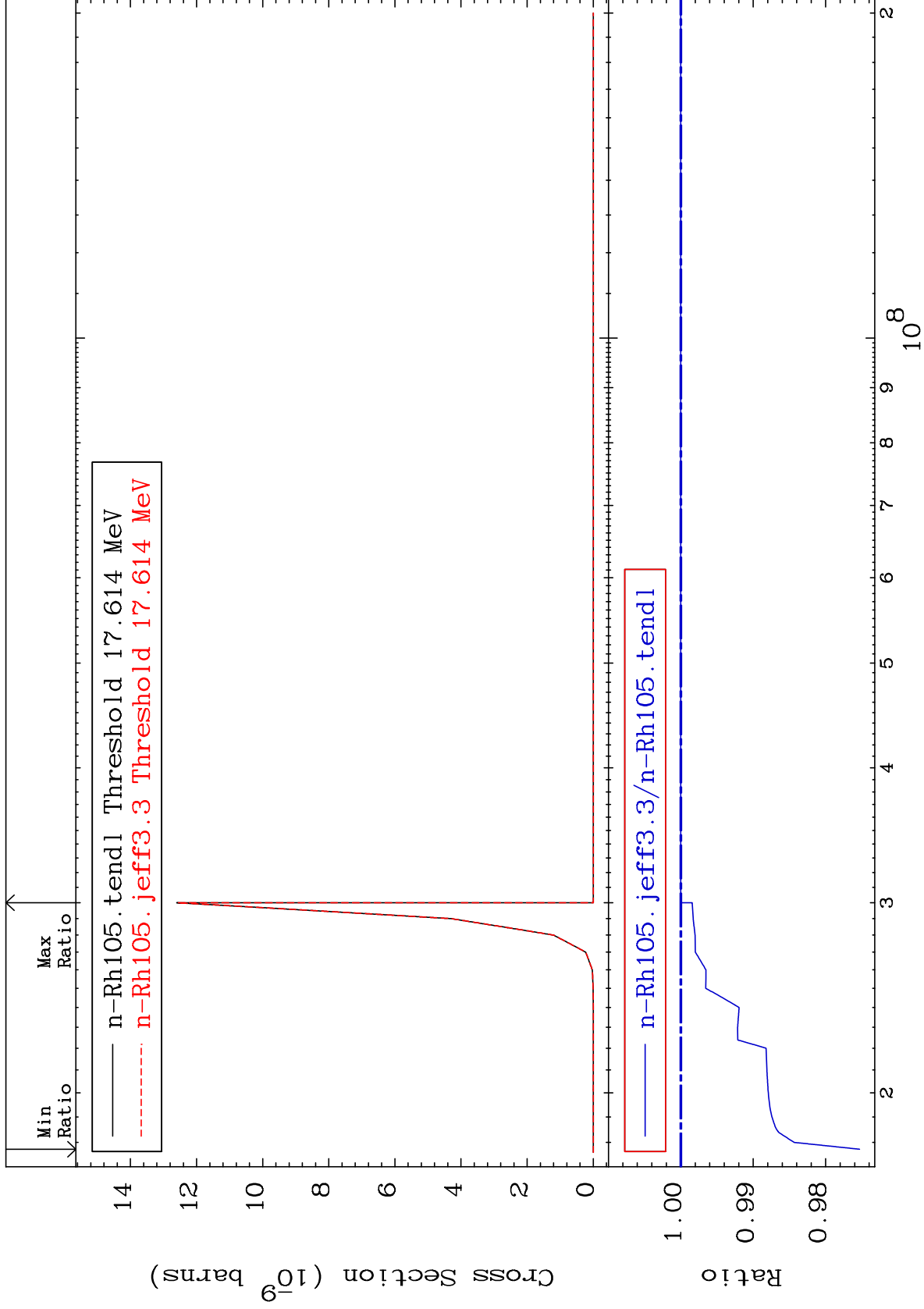
MAT 4531

(n, p) t:43-Tc-102g

45-Rh-105

Radionuclide Production Cross Section

-2.467 To 0.000 %



95

Incident Energy (eV)

45-Rh-105

MAT 4531

(n,p) t:43-Tc-102m3

45-Rh-105

Radionuclide Production Cross Section -1.746 To 0.506 %

