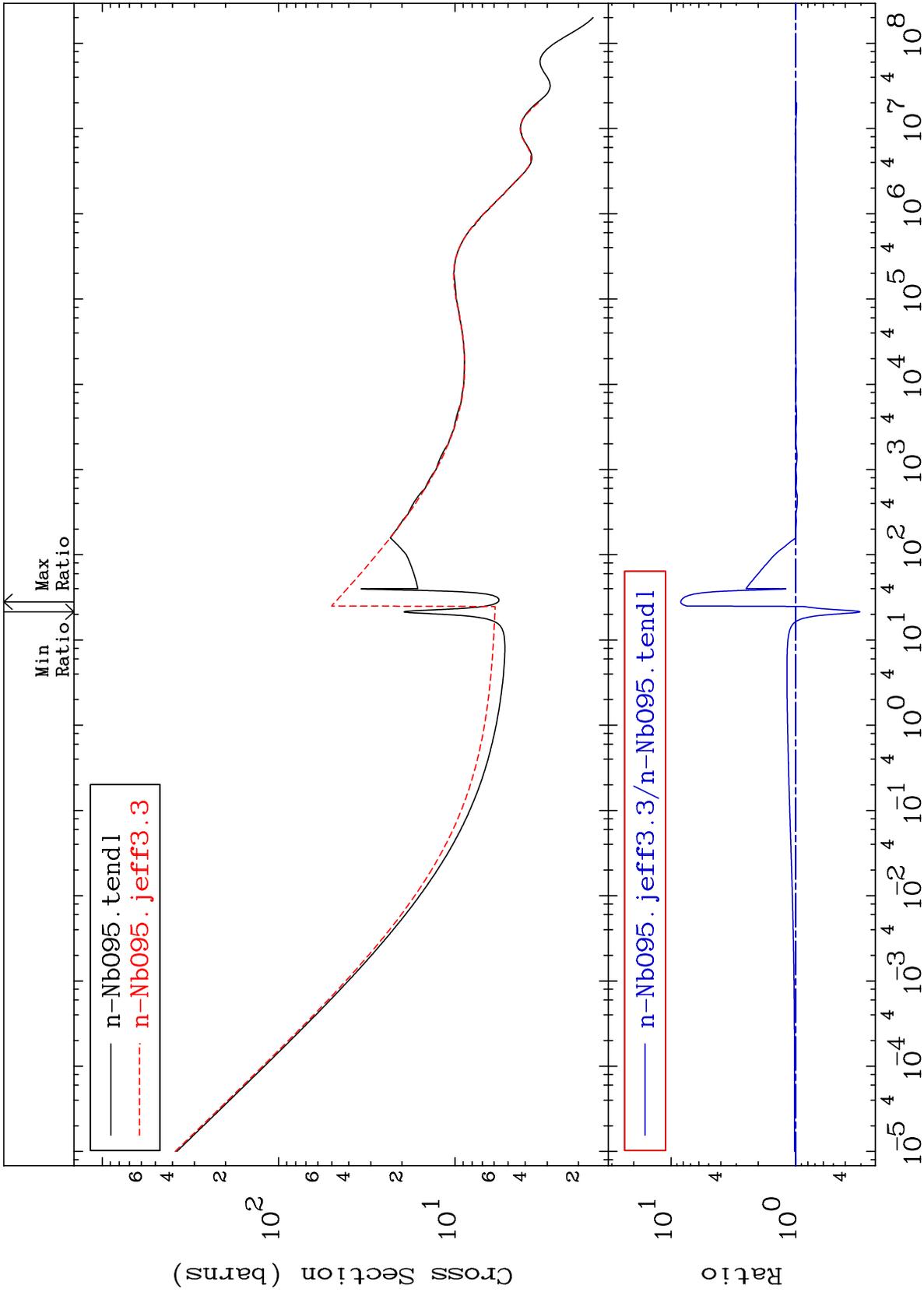


MAT 4131

Total
Cross Section

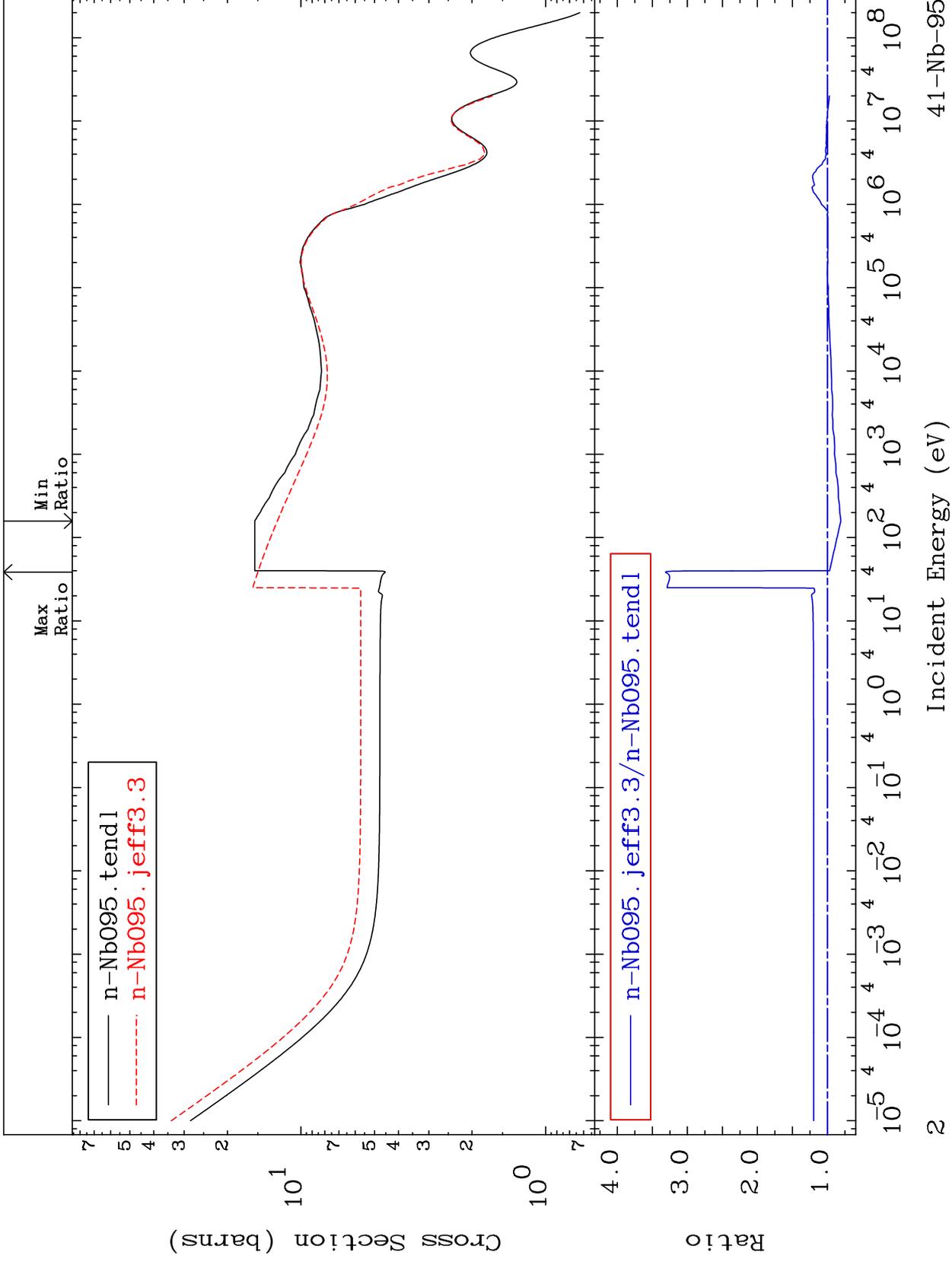
41-Nb-95
-69.54 To 737.6 %



MAT 4131

Elastic
Cross Section

41-Nb-95
-19.14 To 231.3 %

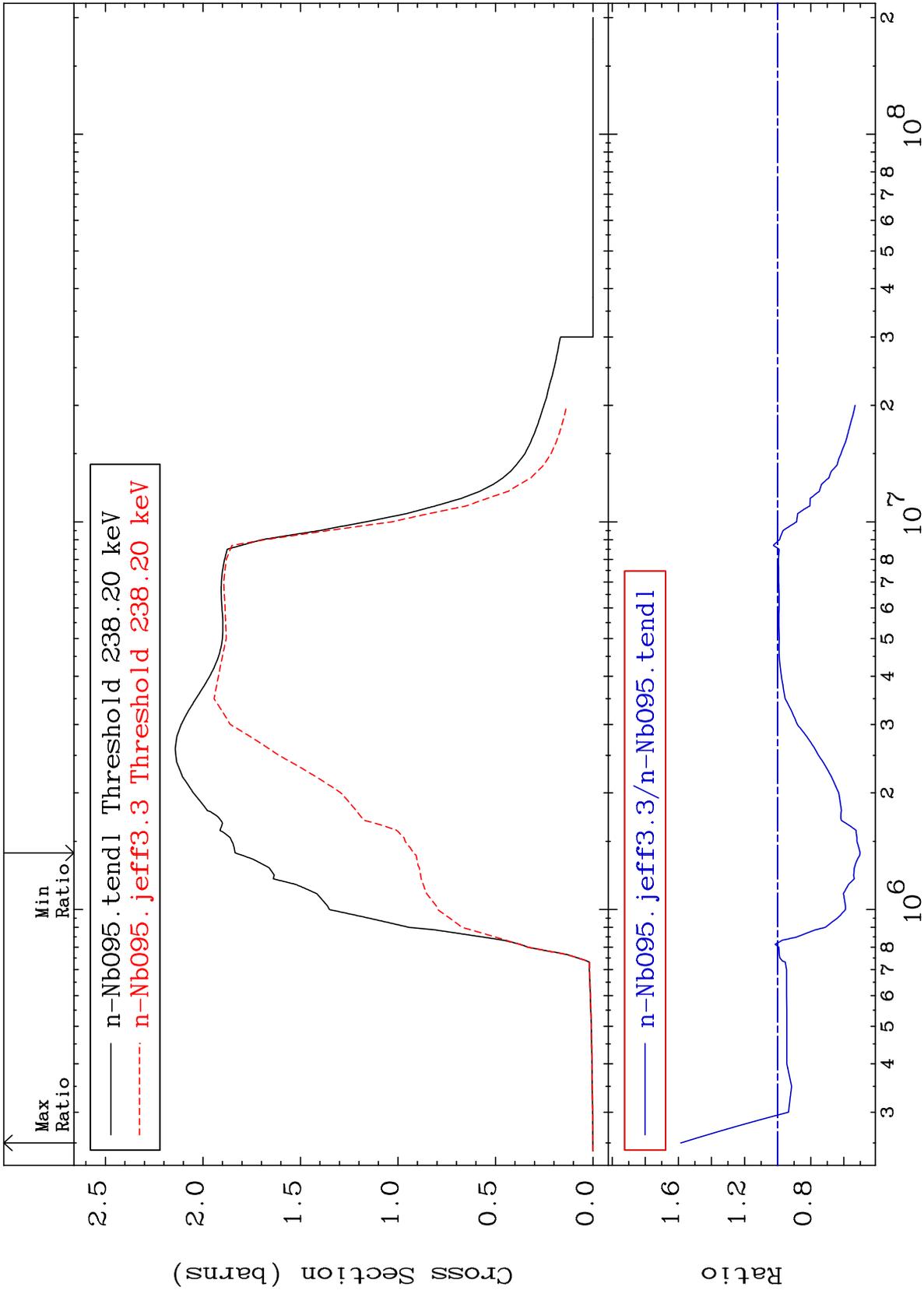


41-Nb-95

MAT 4131

Inelastic
Cross Section

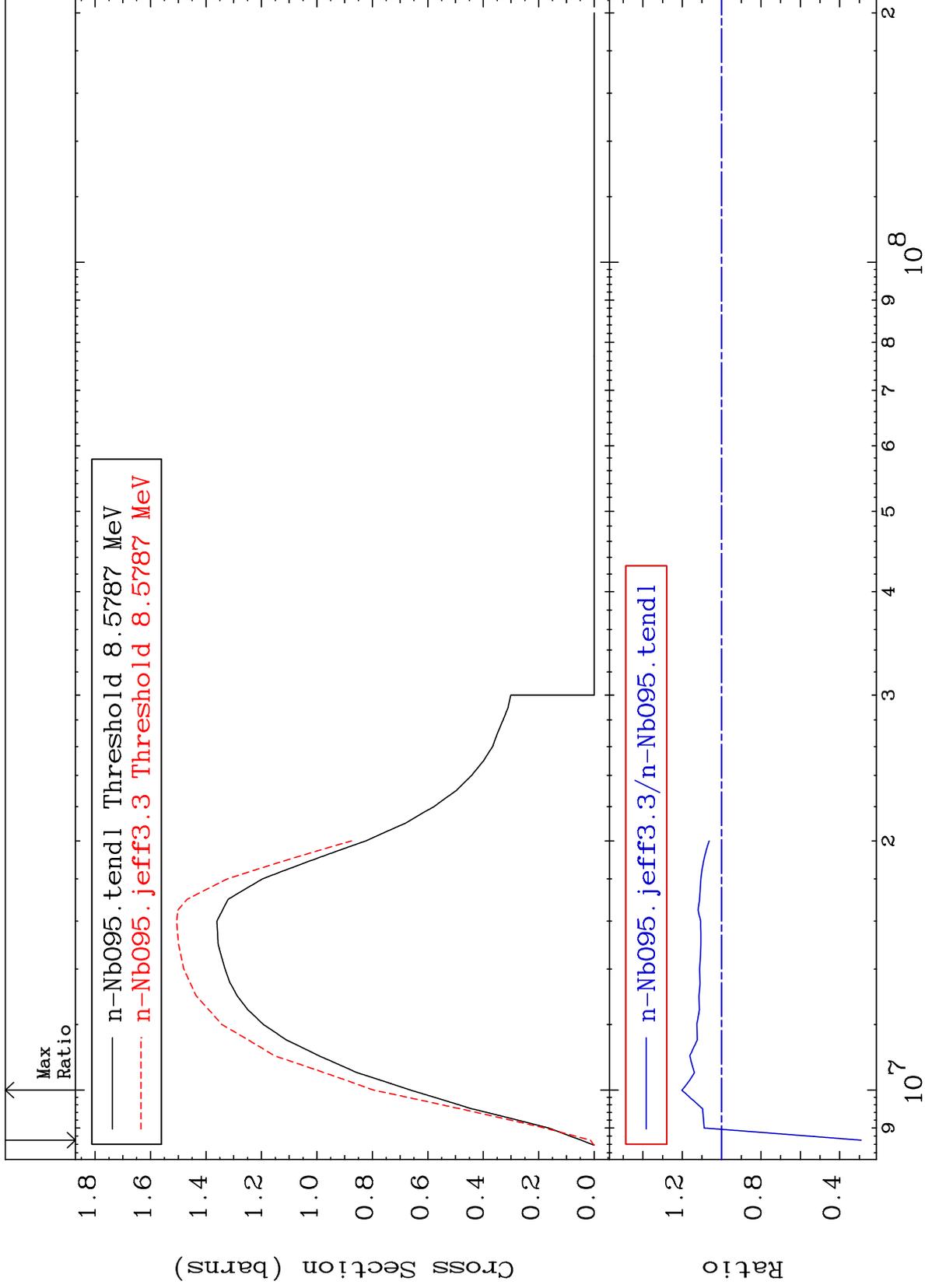
41-Nb-95
-49.82 To 58.54 %



MAT 4131

(n,2n)
Cross Section

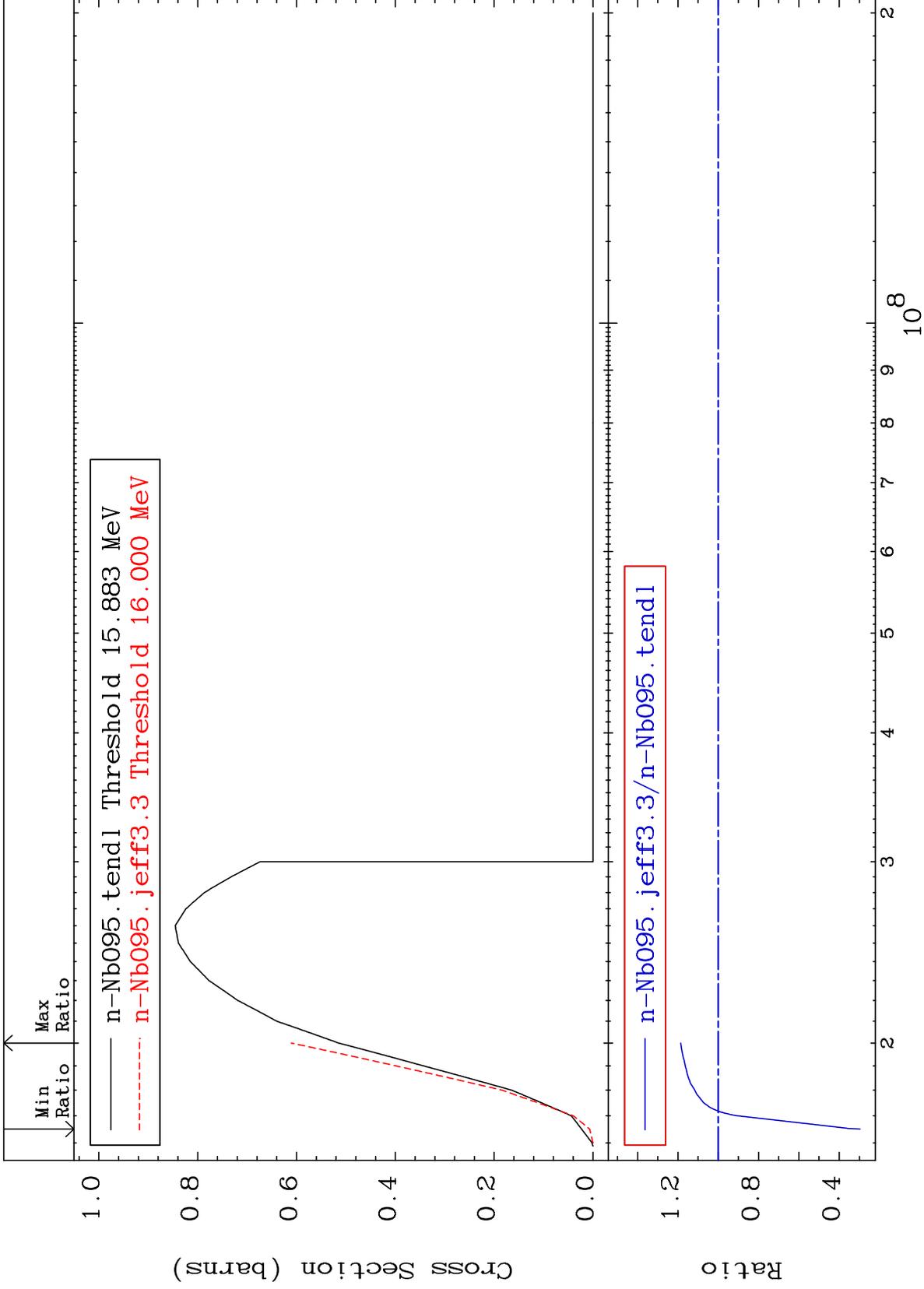
41-Nb-95
-70.89 To 20.17 %



4

Incident Energy (eV)

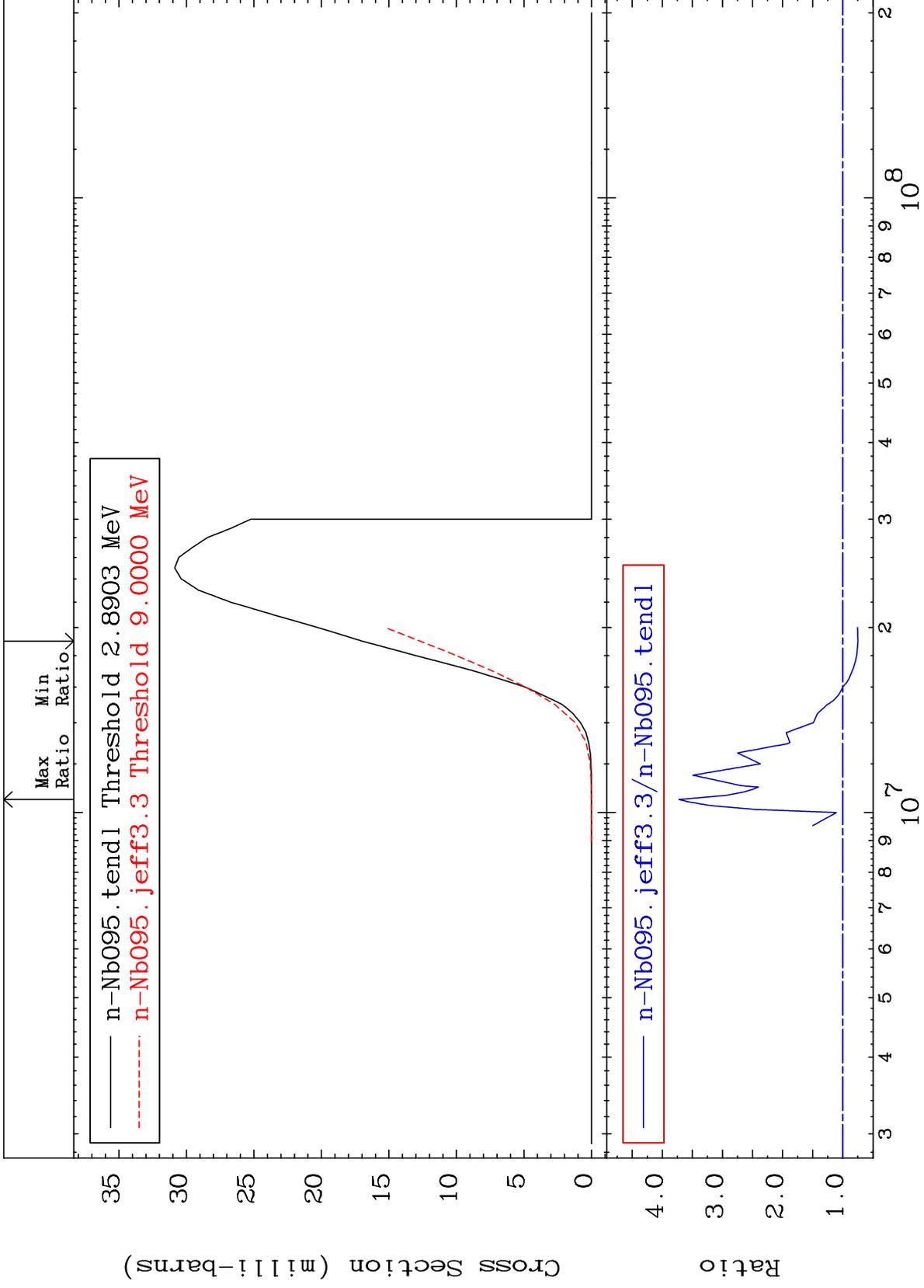
41-Nb-95



MAT 4131

(n,n') α
Cross Section

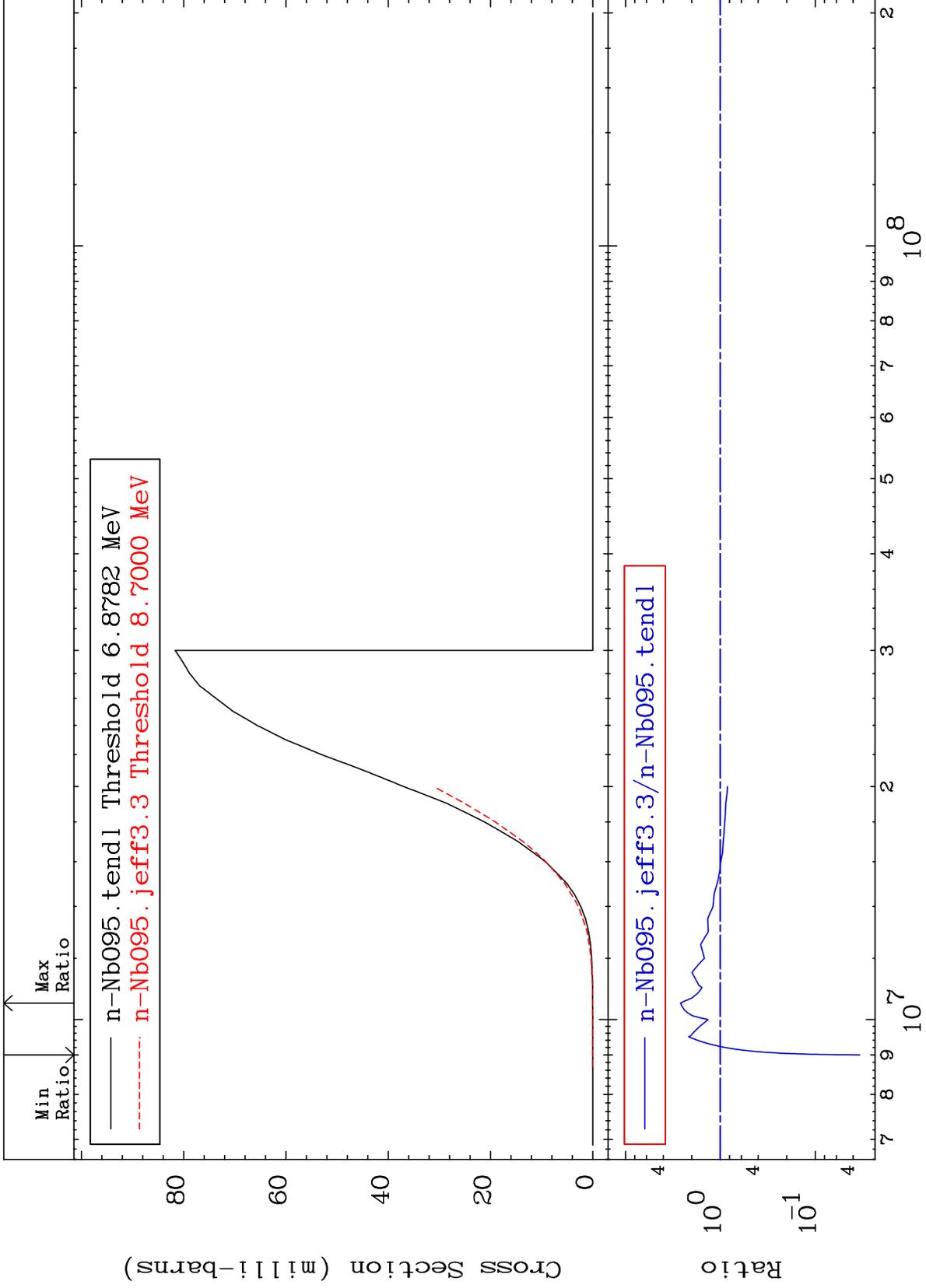
41-Nb-95
-25.22 To 272.1 %



MAT 4131

(n,n') p
Cross Section

41-Nb-95
-96.60 To 163.2 %



7

Incident Energy (eV)

41-Nb-95

MAT 4131

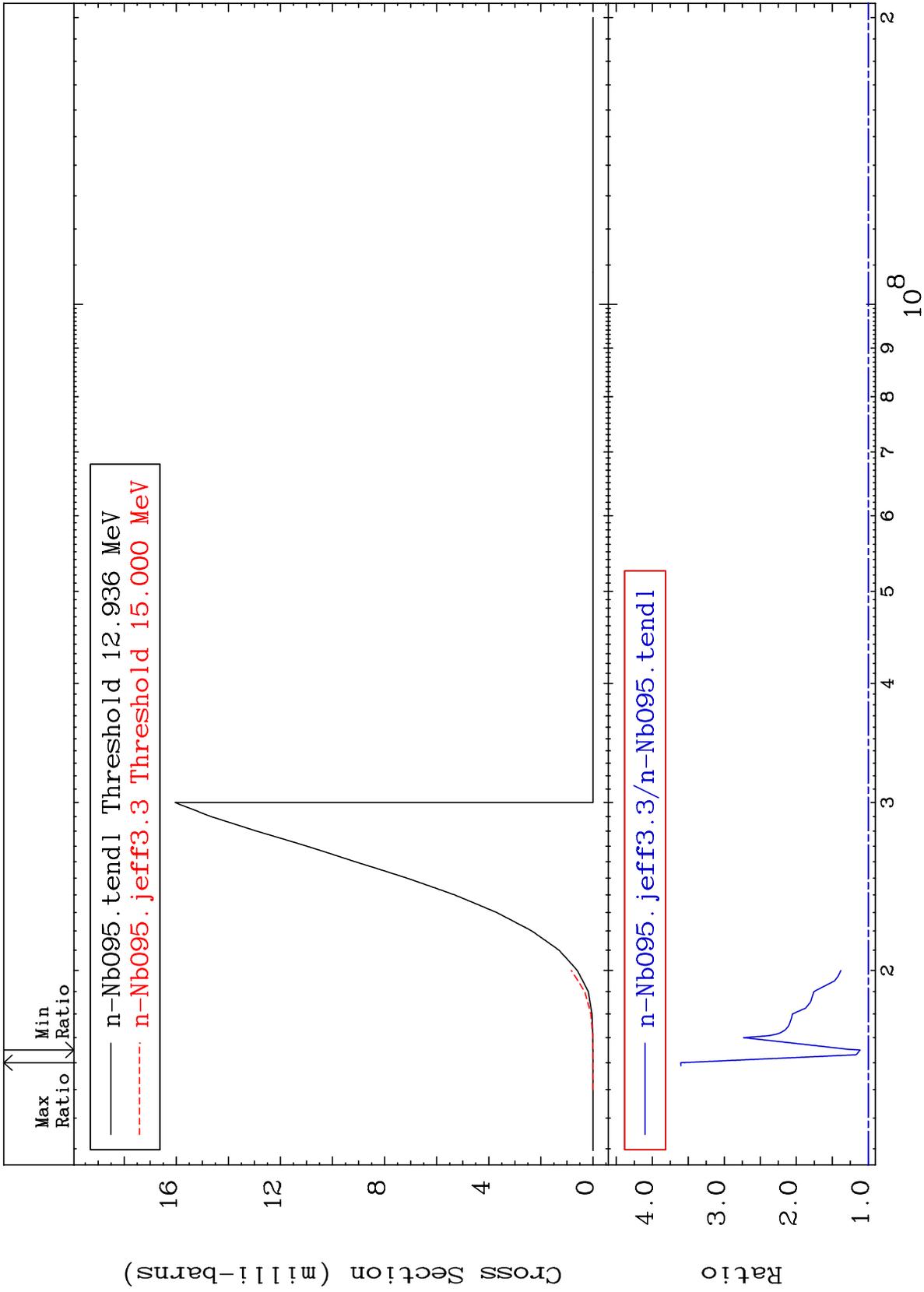
(n,n') d

41-Nb-95

Cross Section

11.38

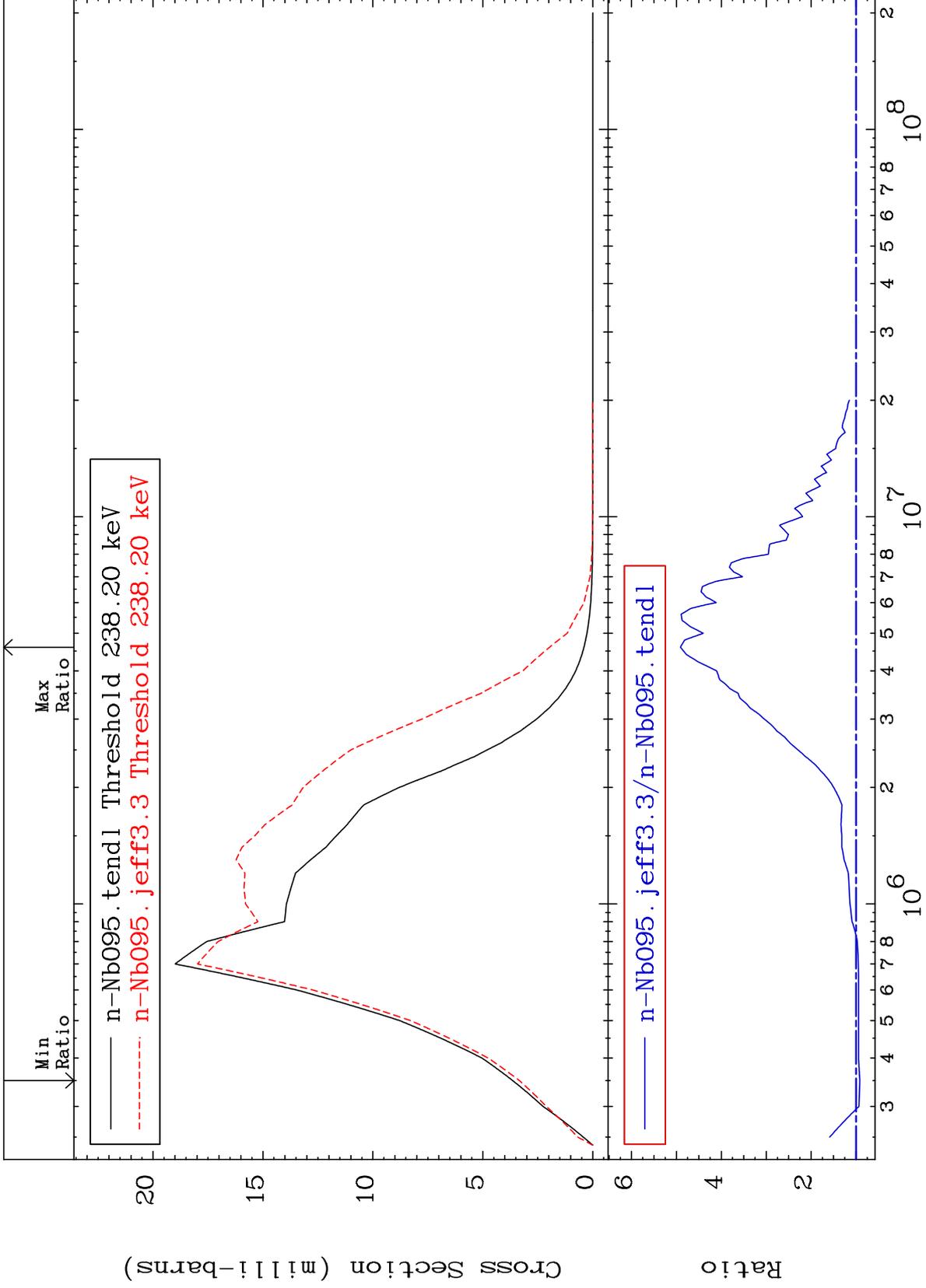
To 260.4 %



MAT 4131

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

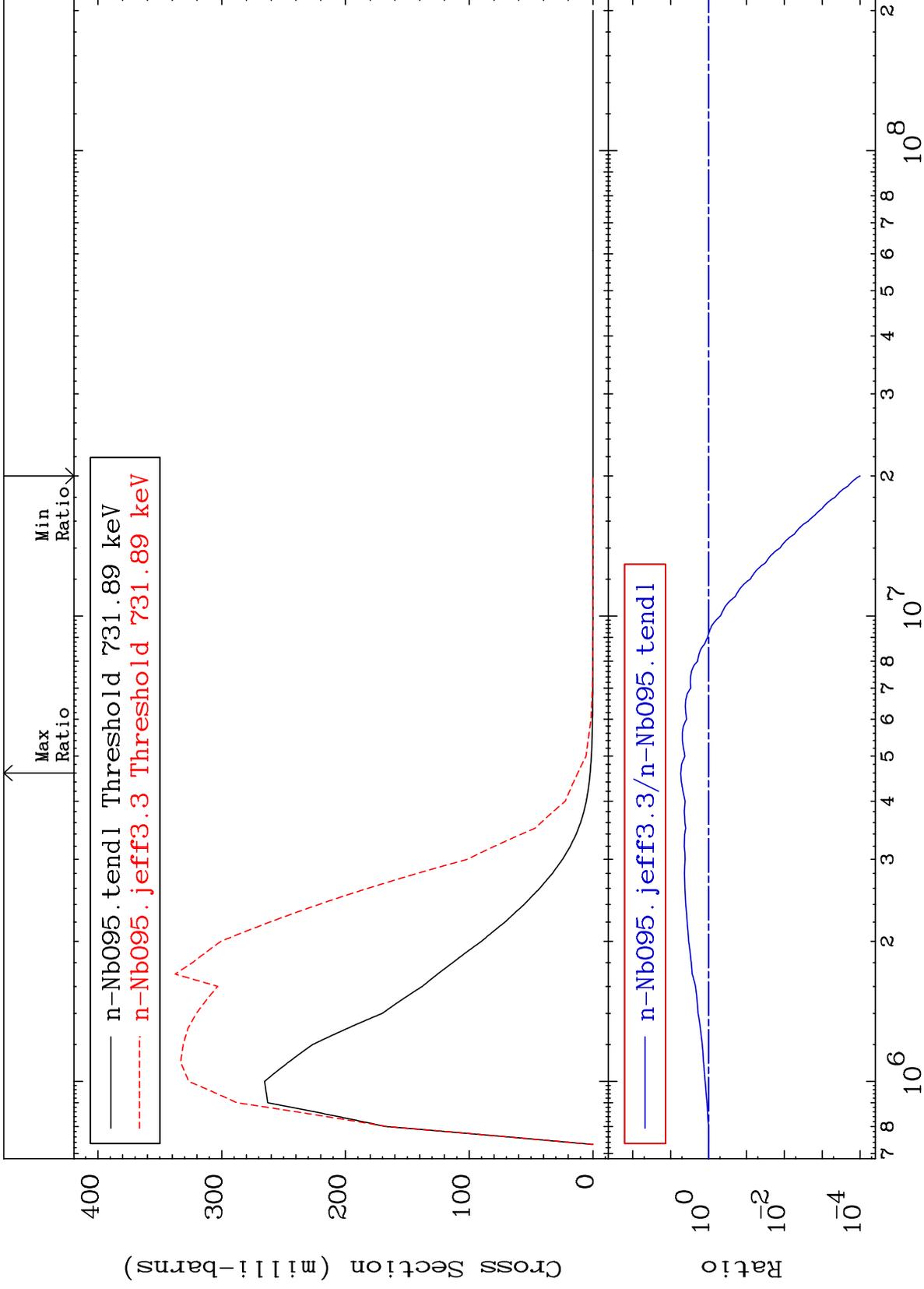
41-Nb-95
-8.380 To 390.9 %



MAT 4131

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

41-Nb-95
-99.99 To 440.8 %



10

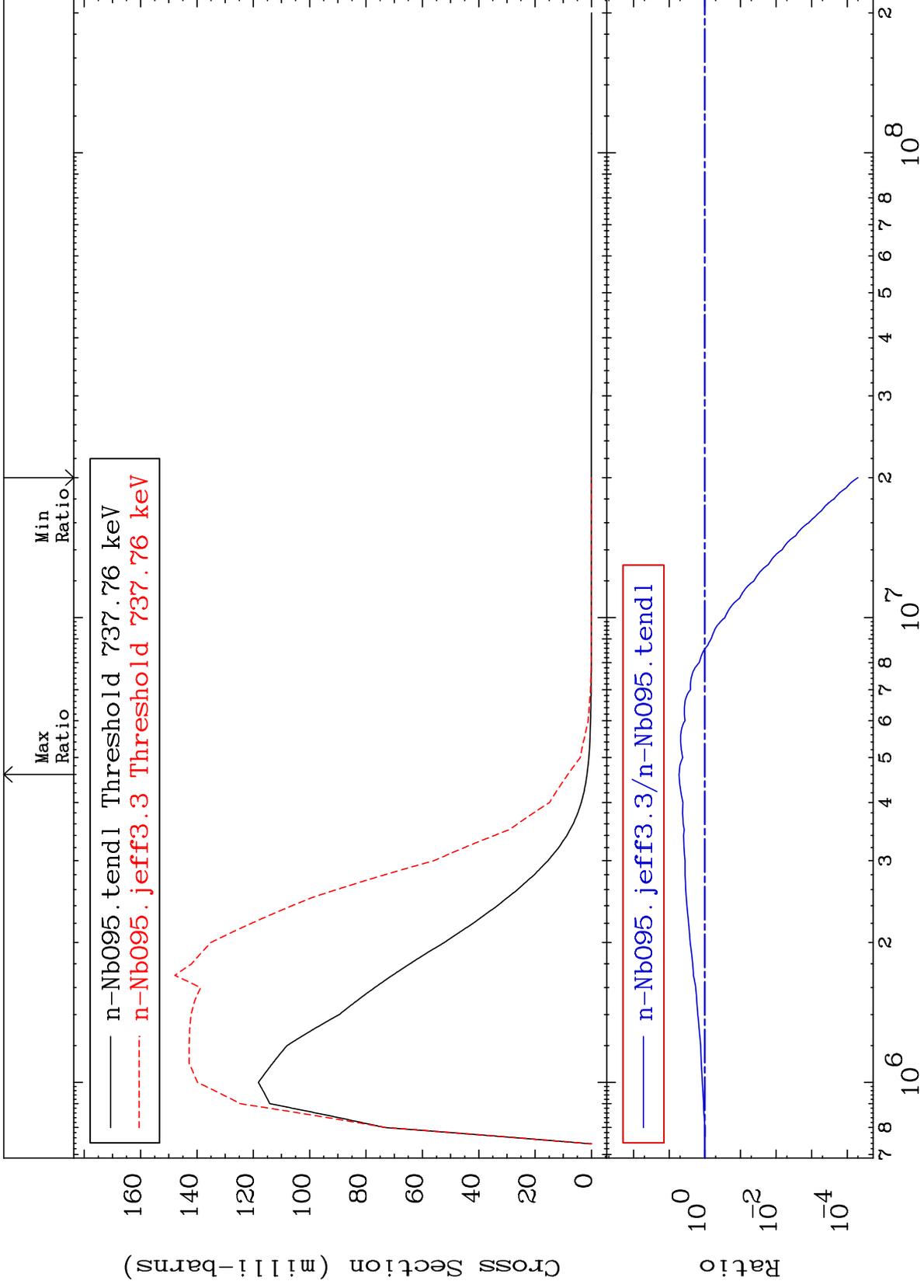
Incident Energy (eV)

41-Nb-95

MAT 4131

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

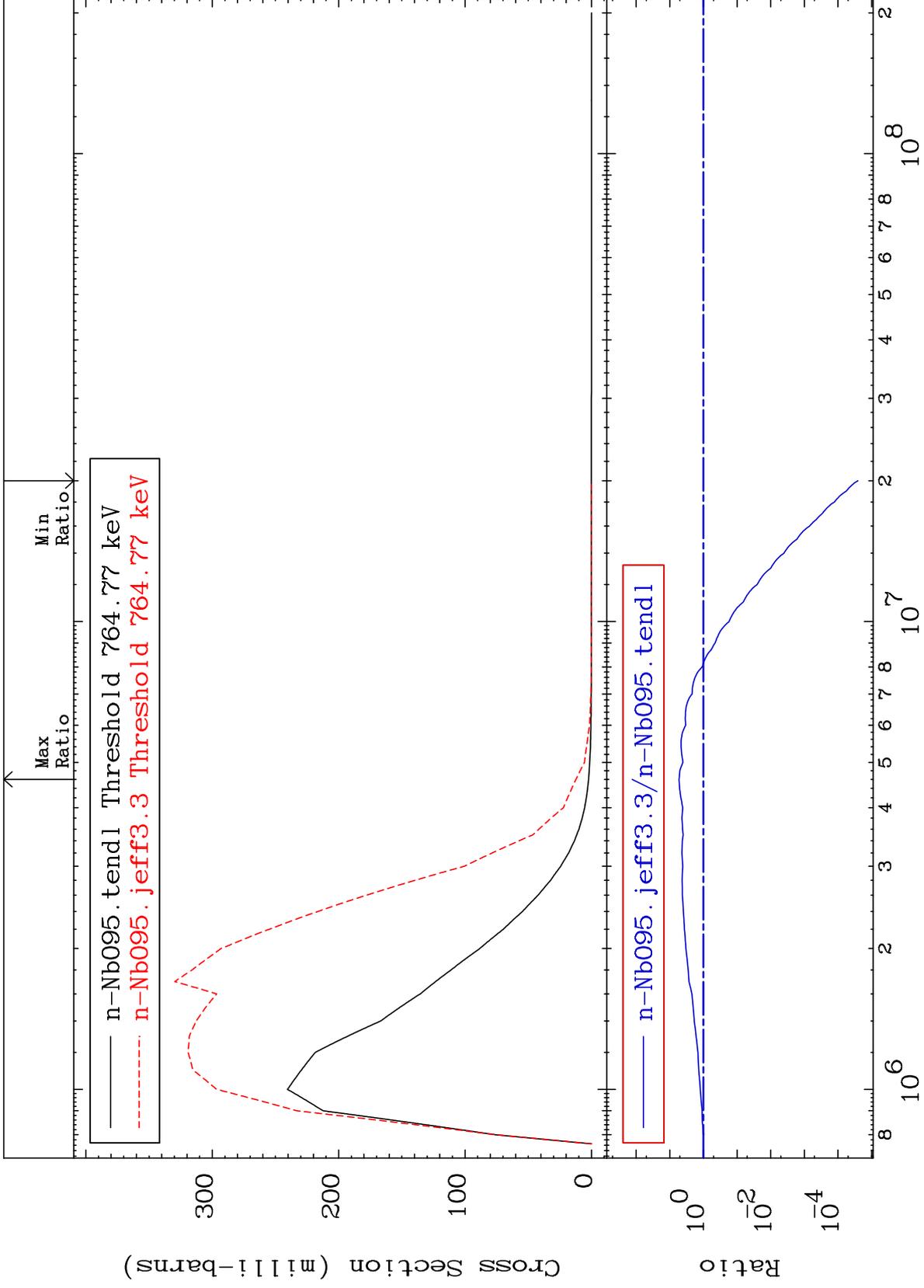
41-Nb-95
-99.99 To 431.9 %



MAT 4131

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

41-Nb-95
-100.0 To 430.0 %



12

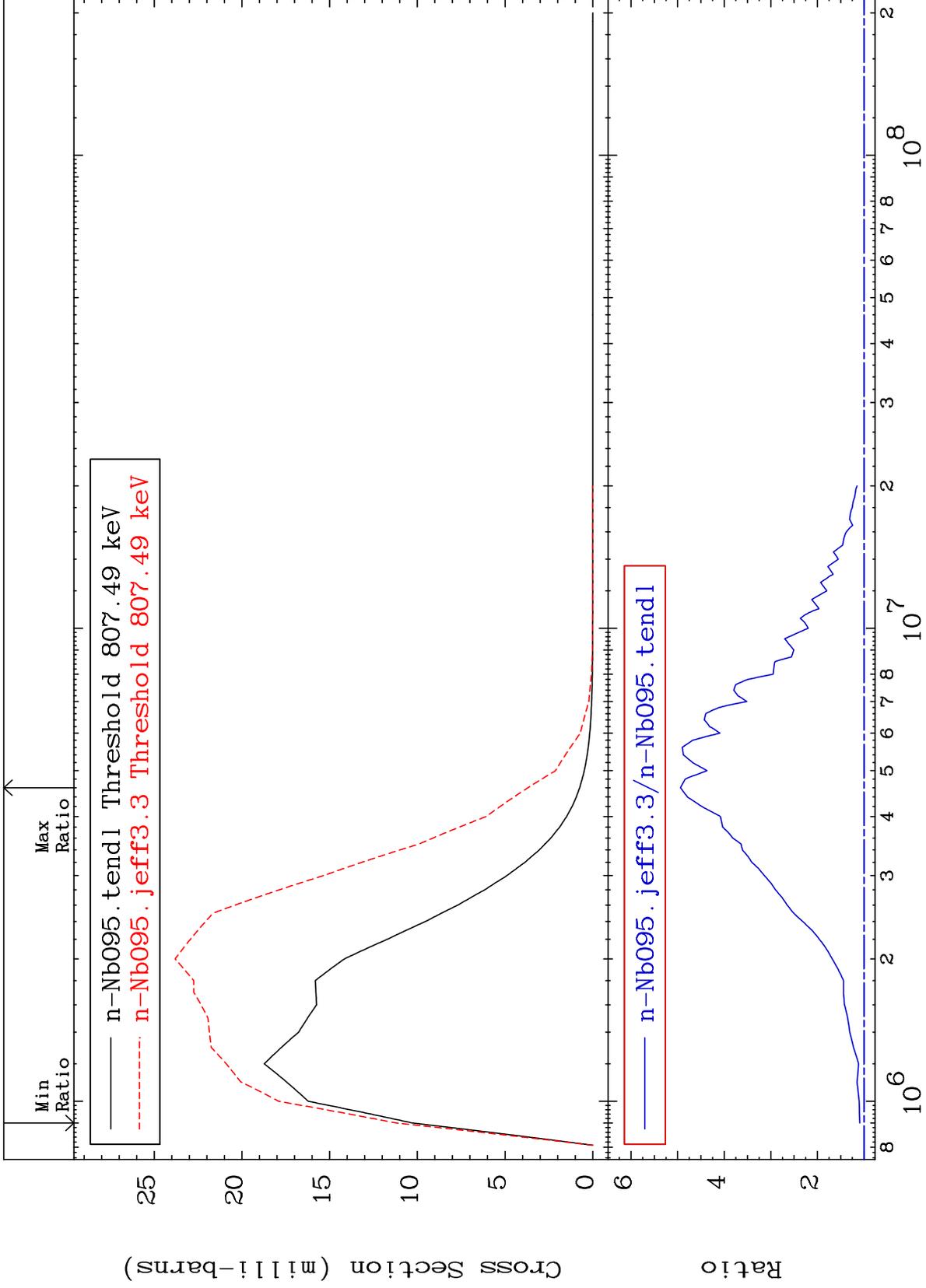
Incident Energy (eV)

41-Nb-95

MAT 4131

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

41-Nb-95
9.015 To 393.8 %



13

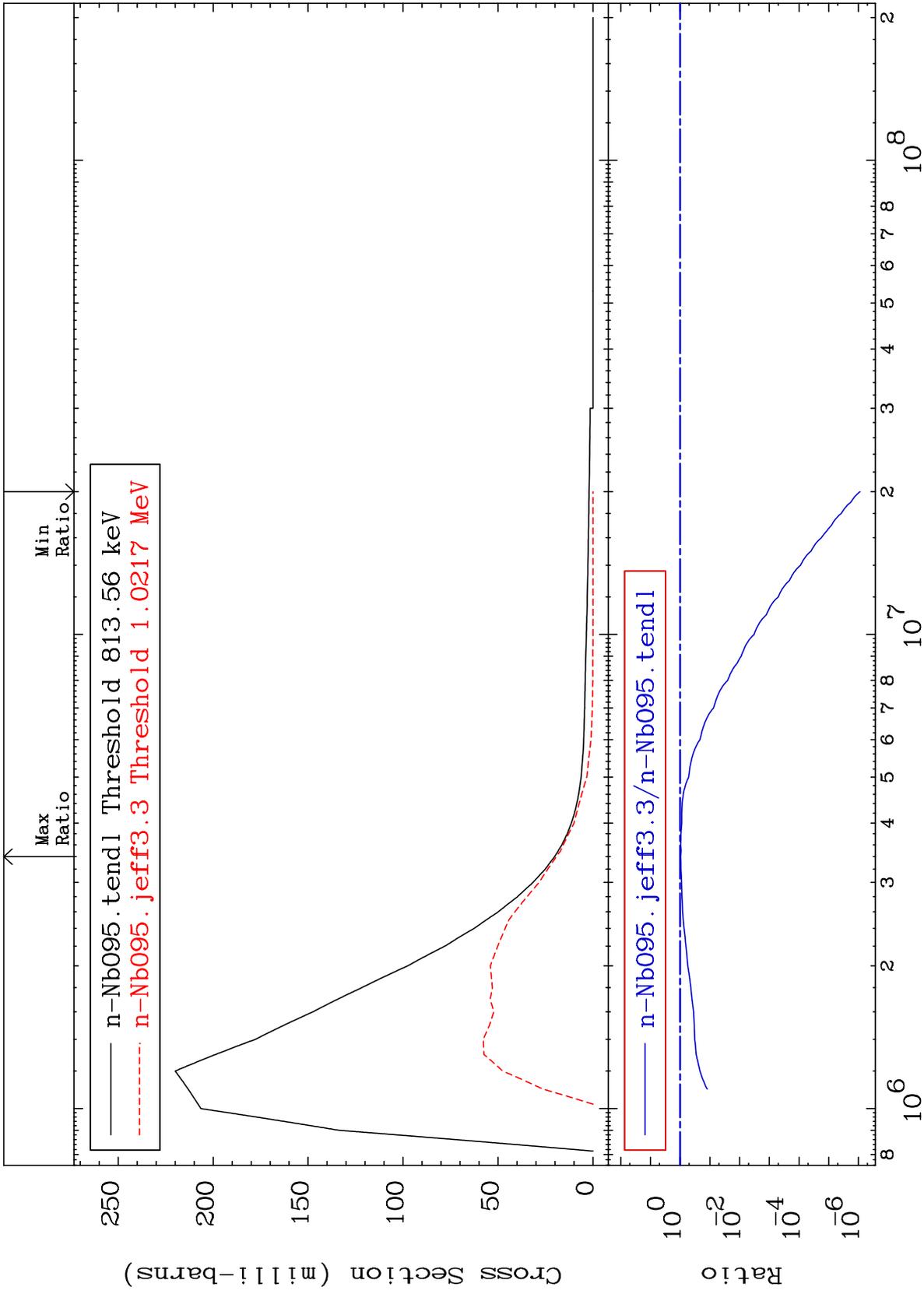
Incident Energy (eV)

41-Nb-95

MAT 4131

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

41-Nb-95
-100.0 To -4.454%



14

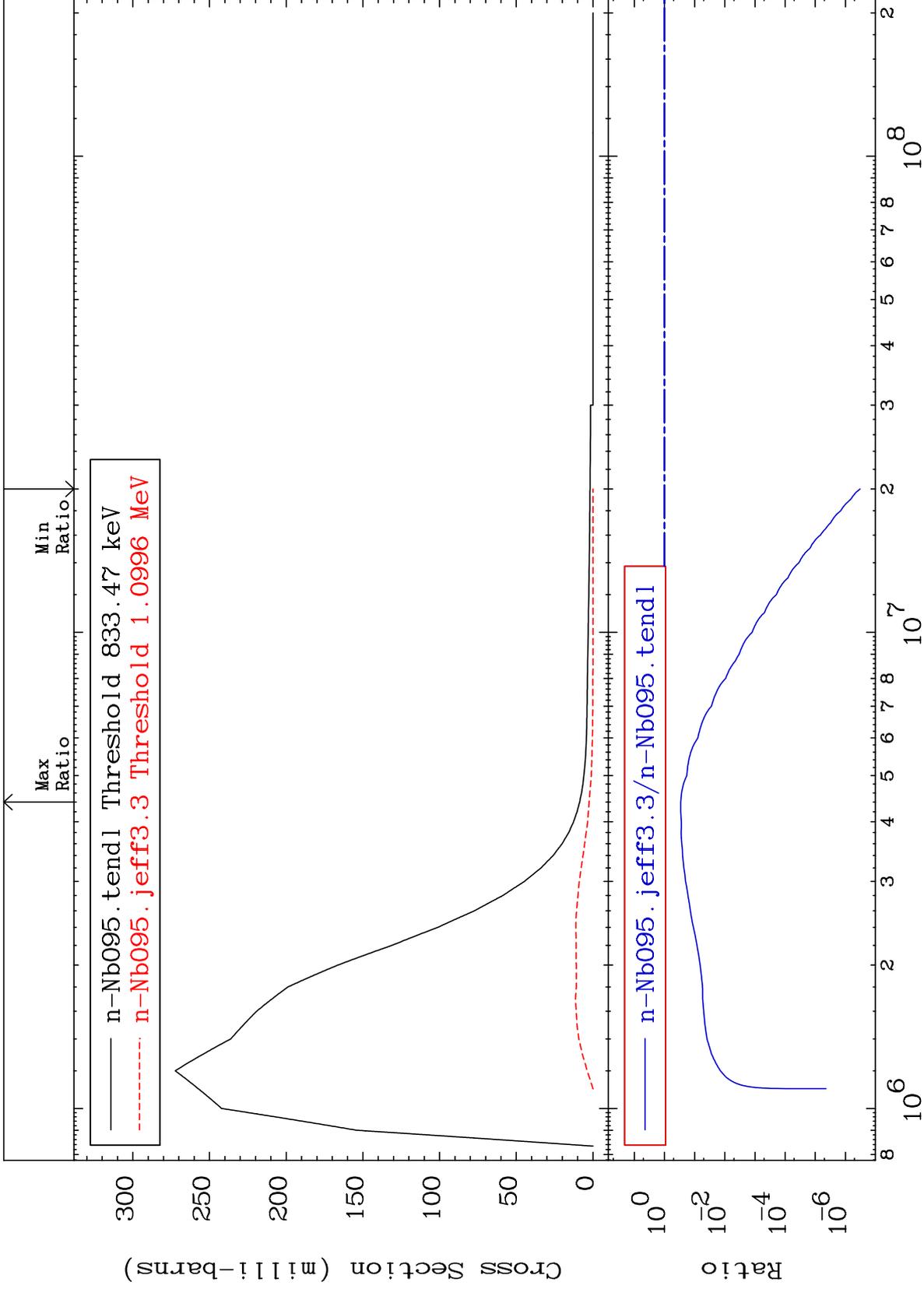
Incident Energy (eV)

41-Nb-95

MAT 4131

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

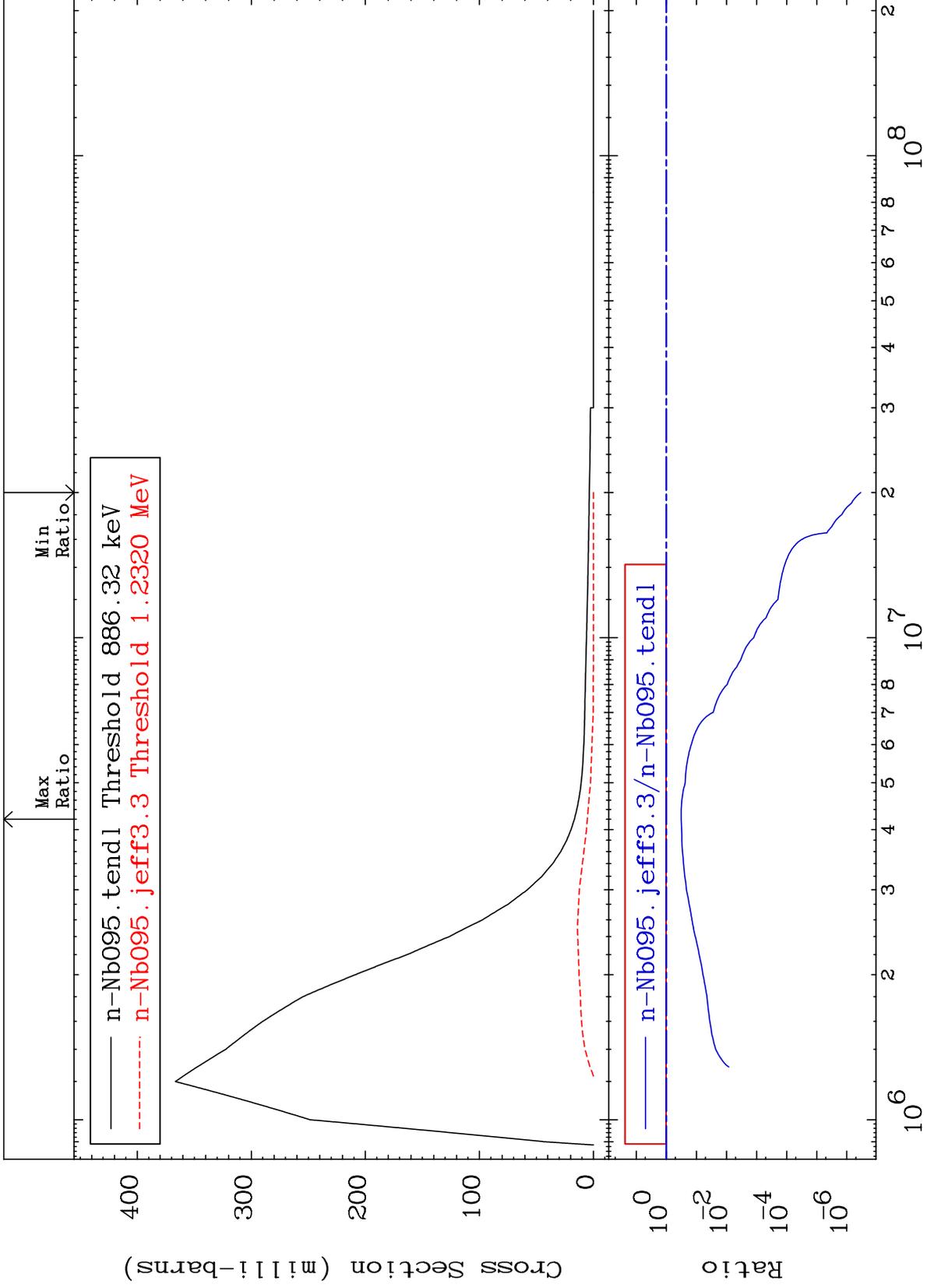
41-Nb-95
-100.0 To -71.16%



MAT 4131

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

41-Nb-95
-100.0 To -68.10%



16

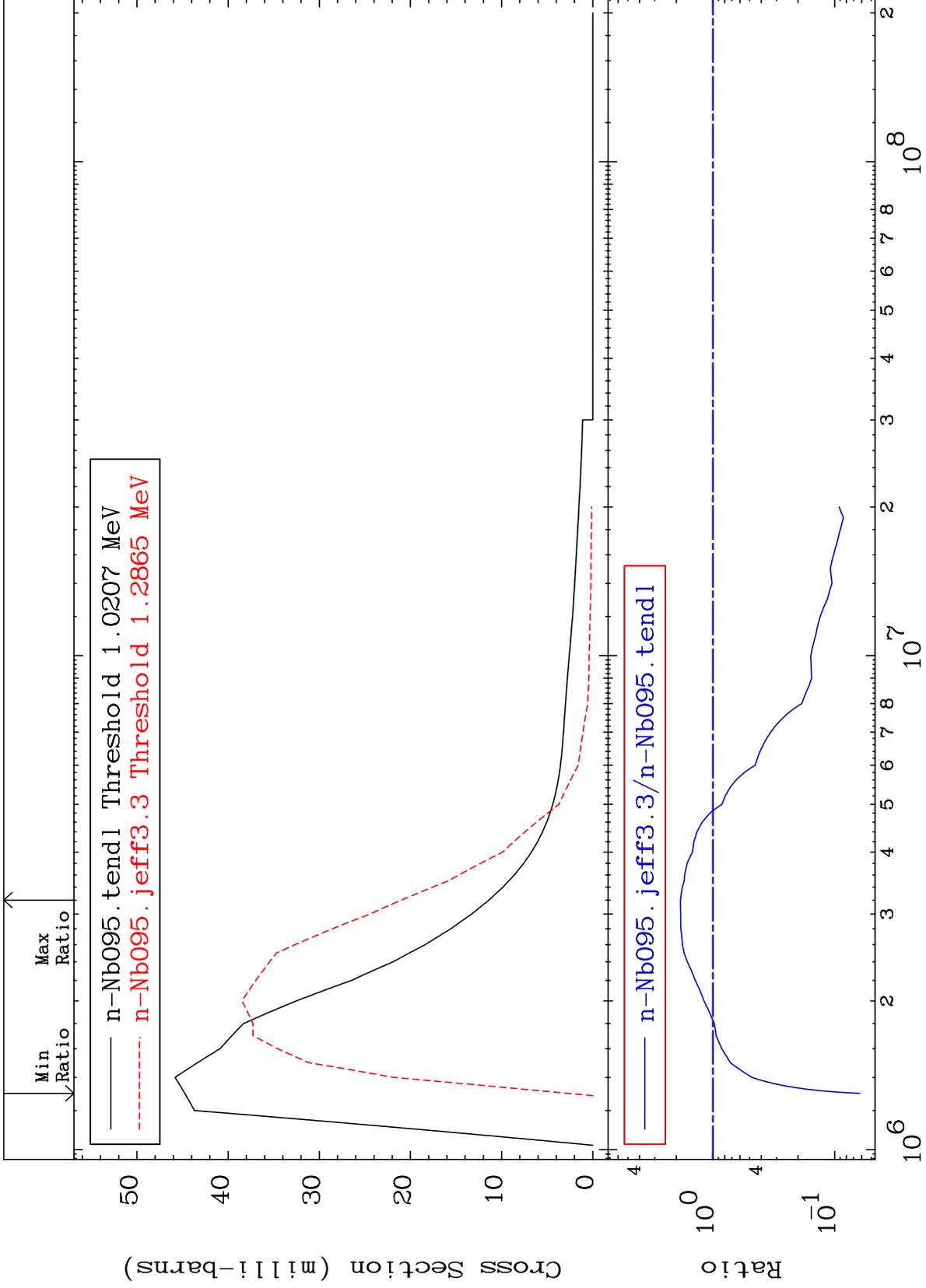
Incident Energy (eV)

41-Nb-95

MAT 4131

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

41-Nb-95
-93.78 To 84.42 %



17

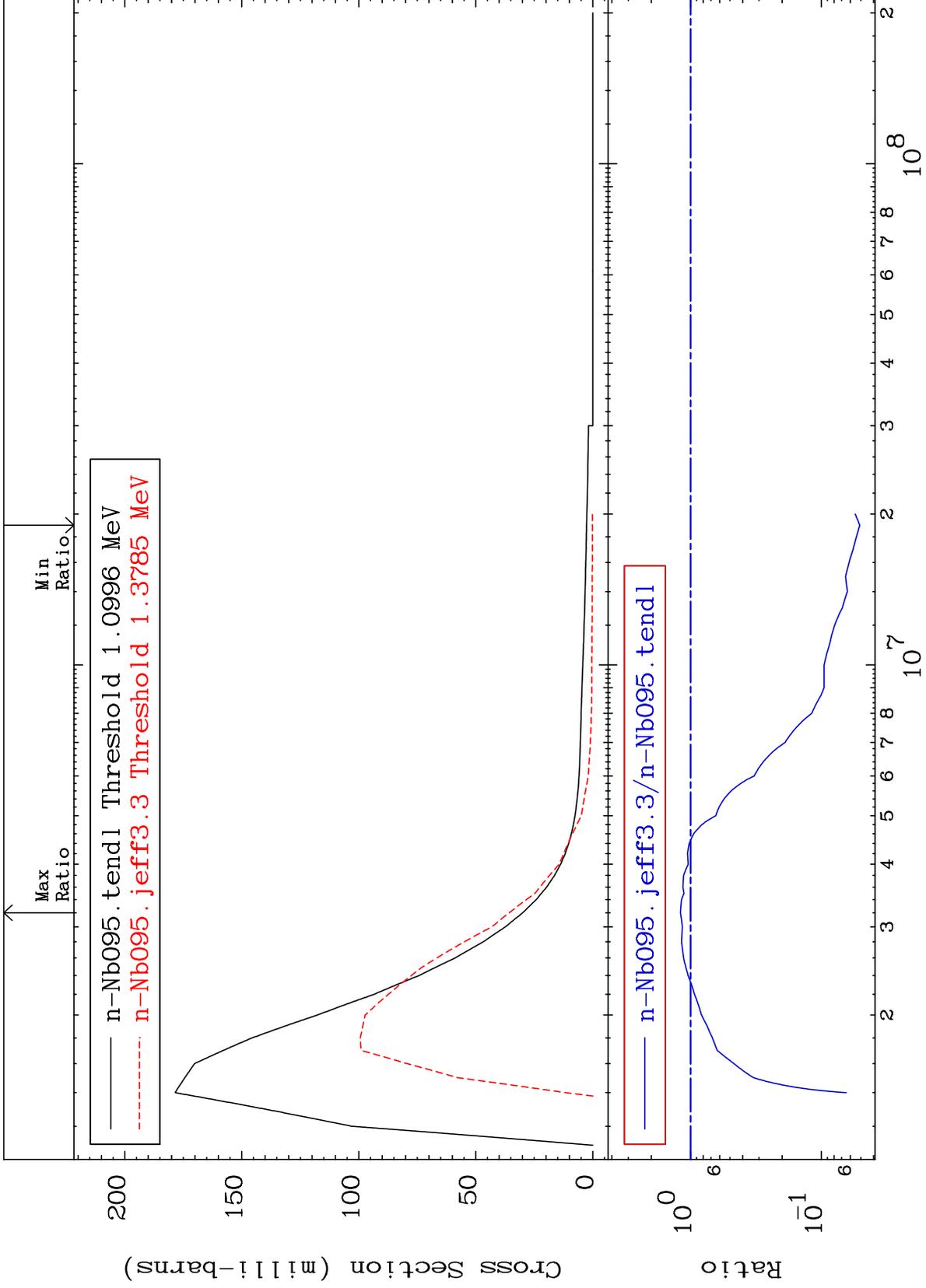
Incident Energy (eV)

41-Nb-95

MAT 4131

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

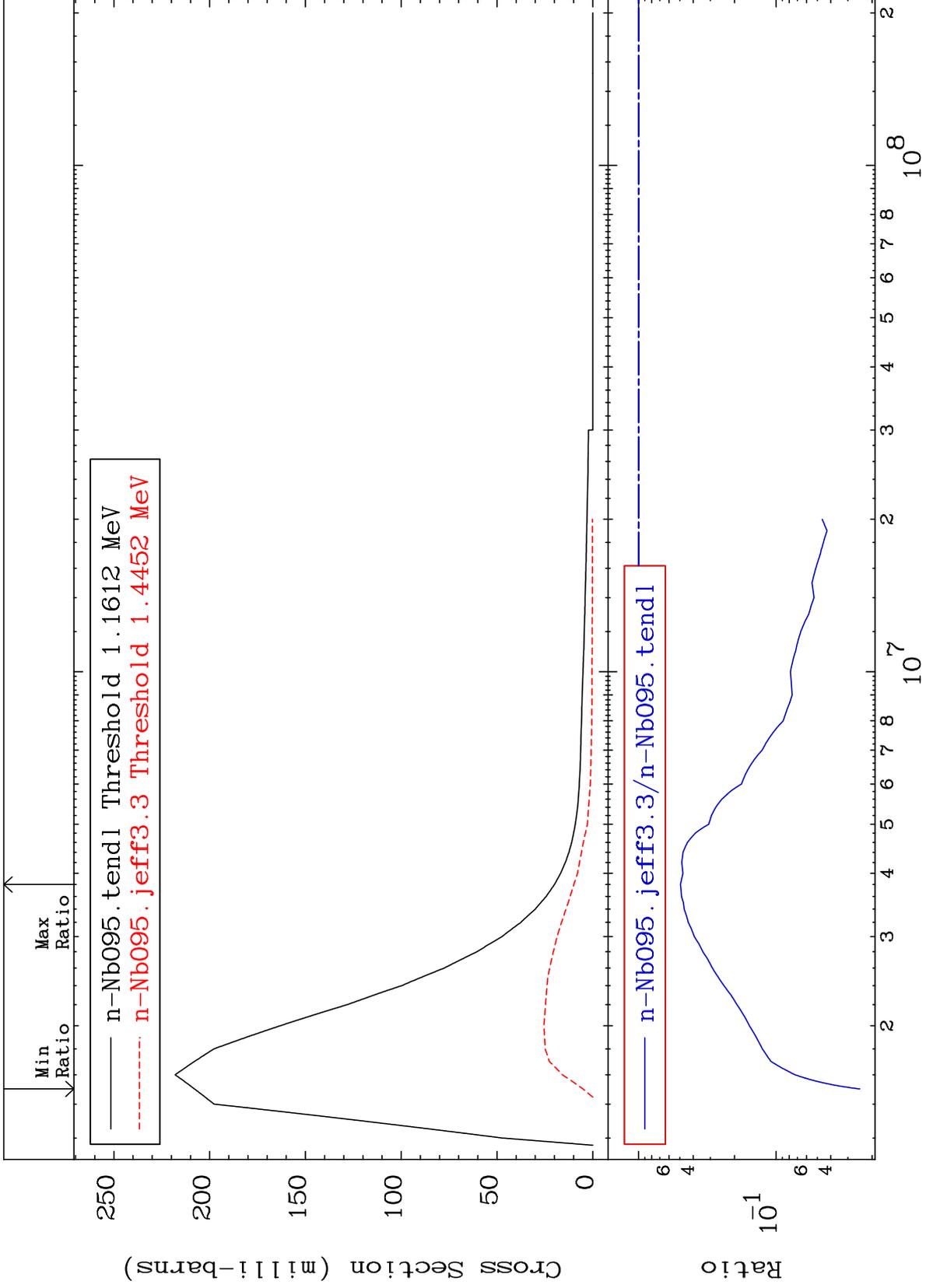
41-Nb-95
-94.91 To 19.50 %



MAT 4131

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

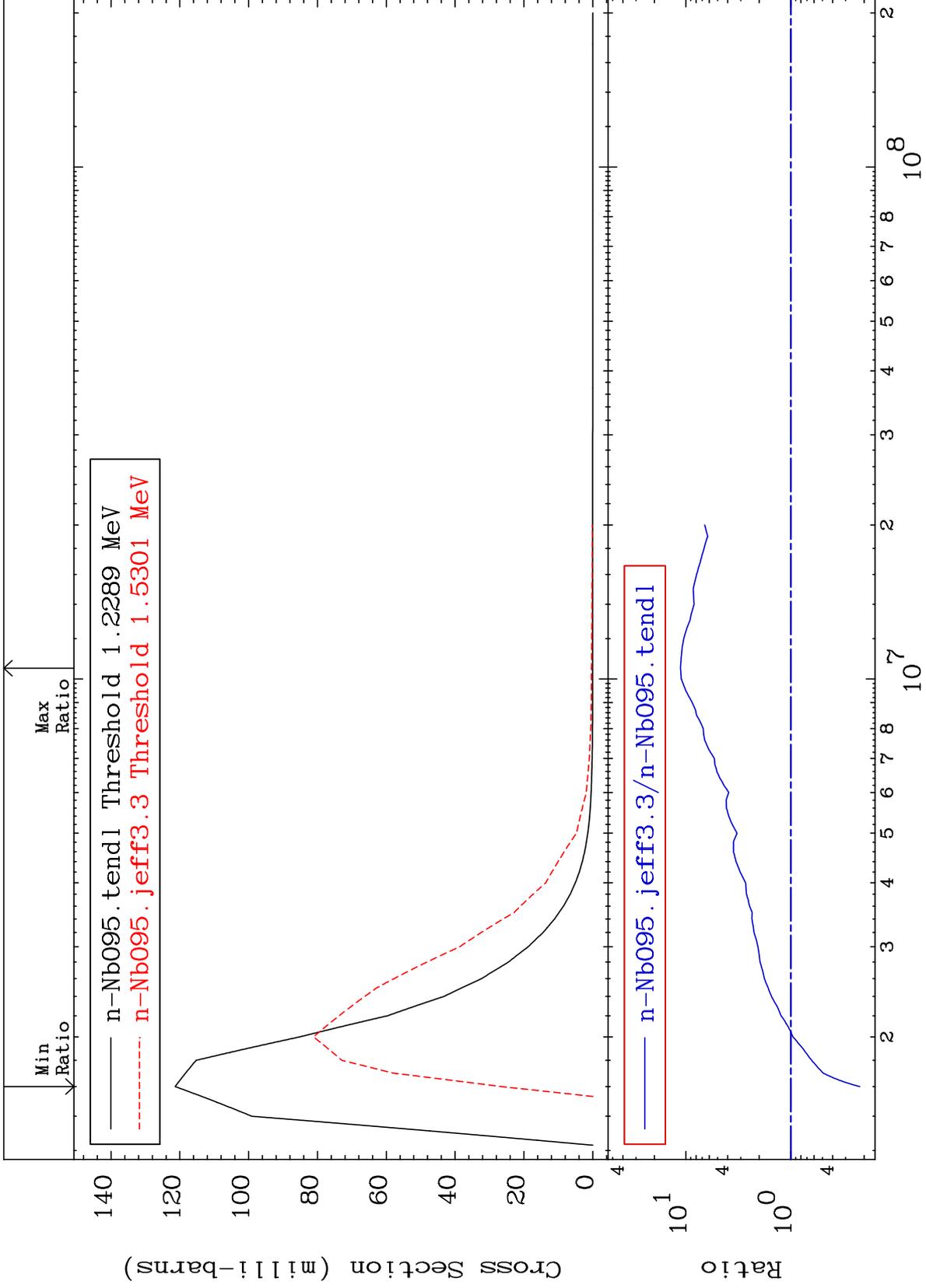
41-Nb-95
-97.54 To -50.57%



MAT 4131

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

41-Nb-95
-78.01 To 1028. %



20

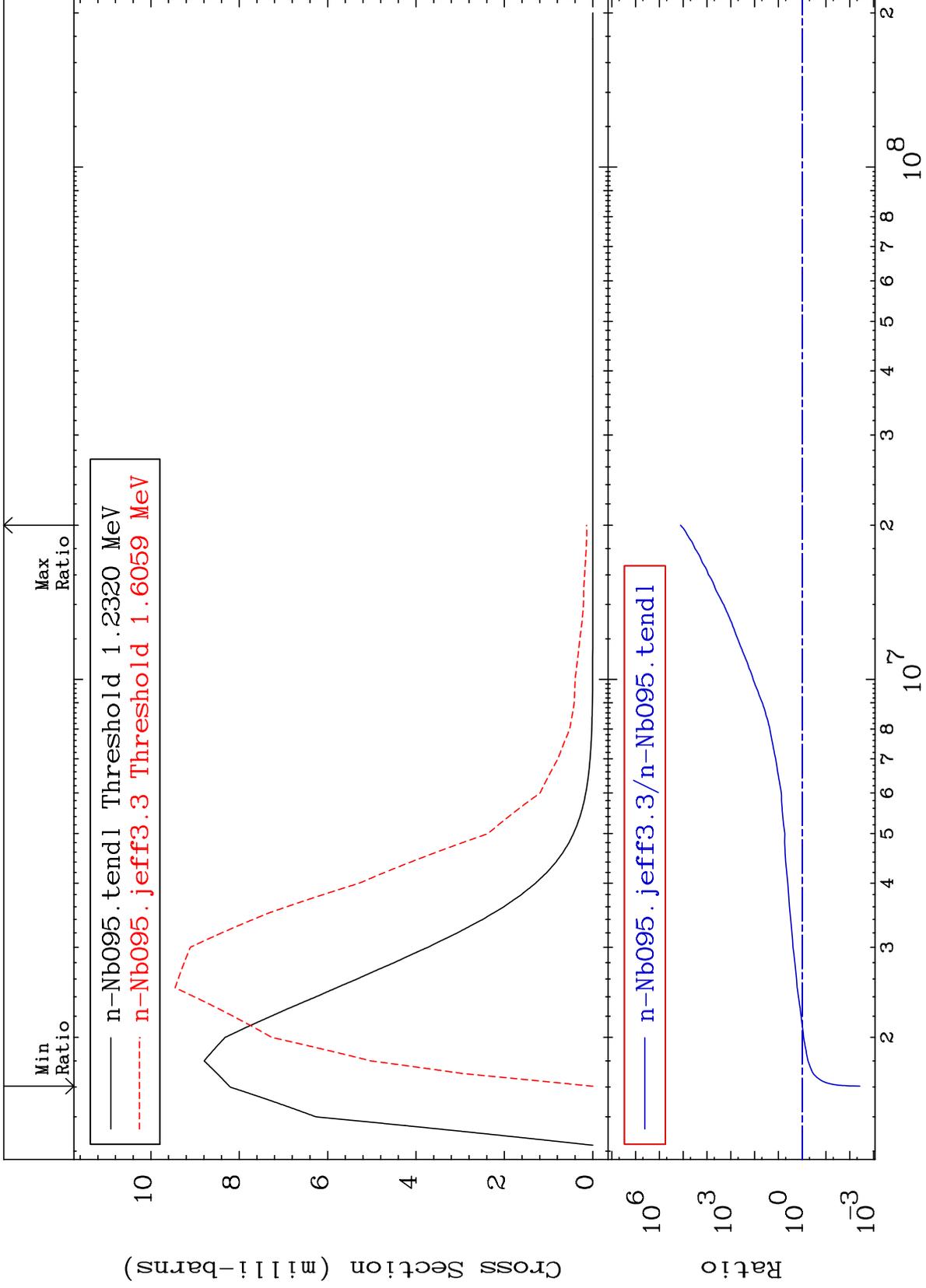
Incident Energy (eV)

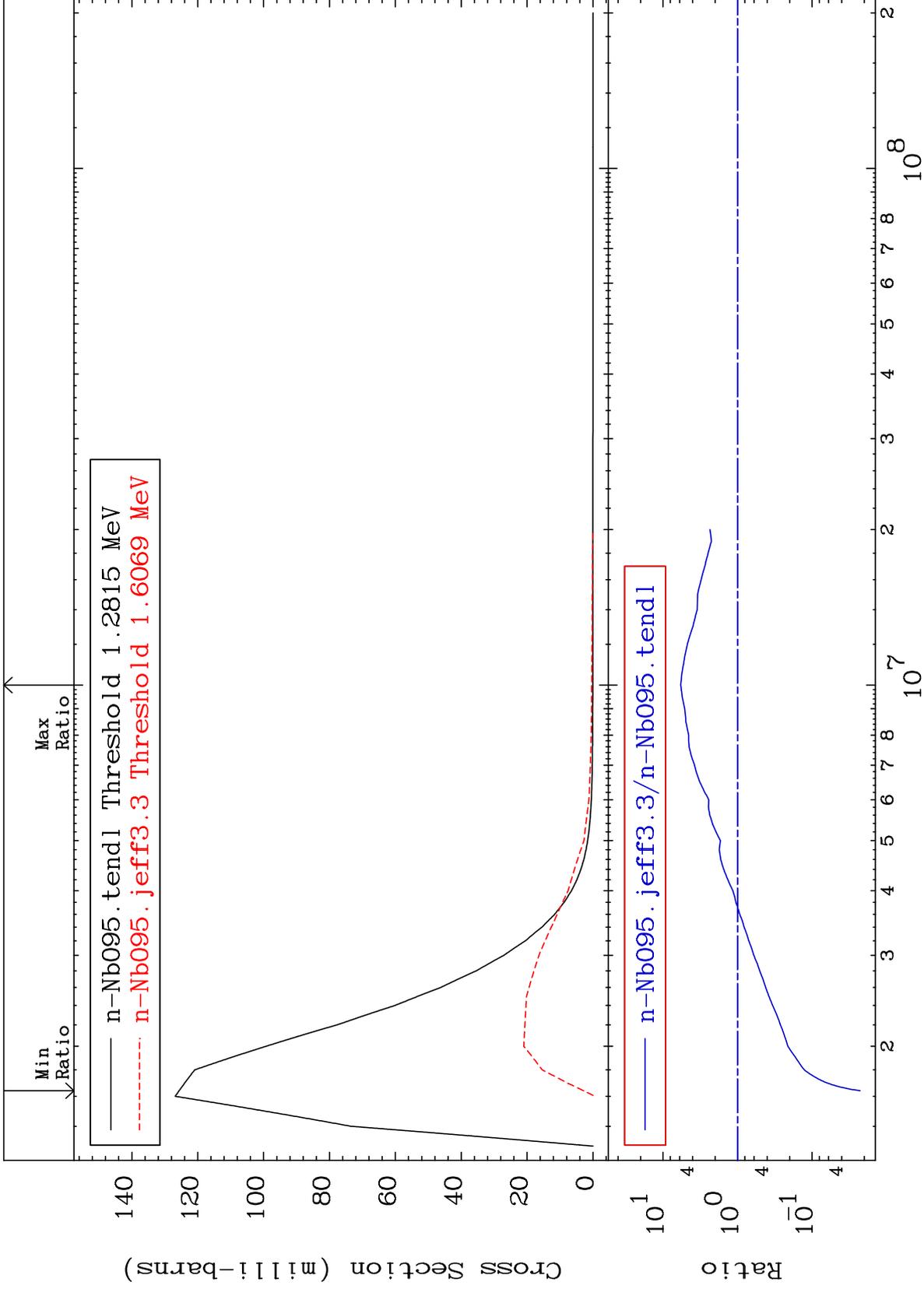
41-Nb-95

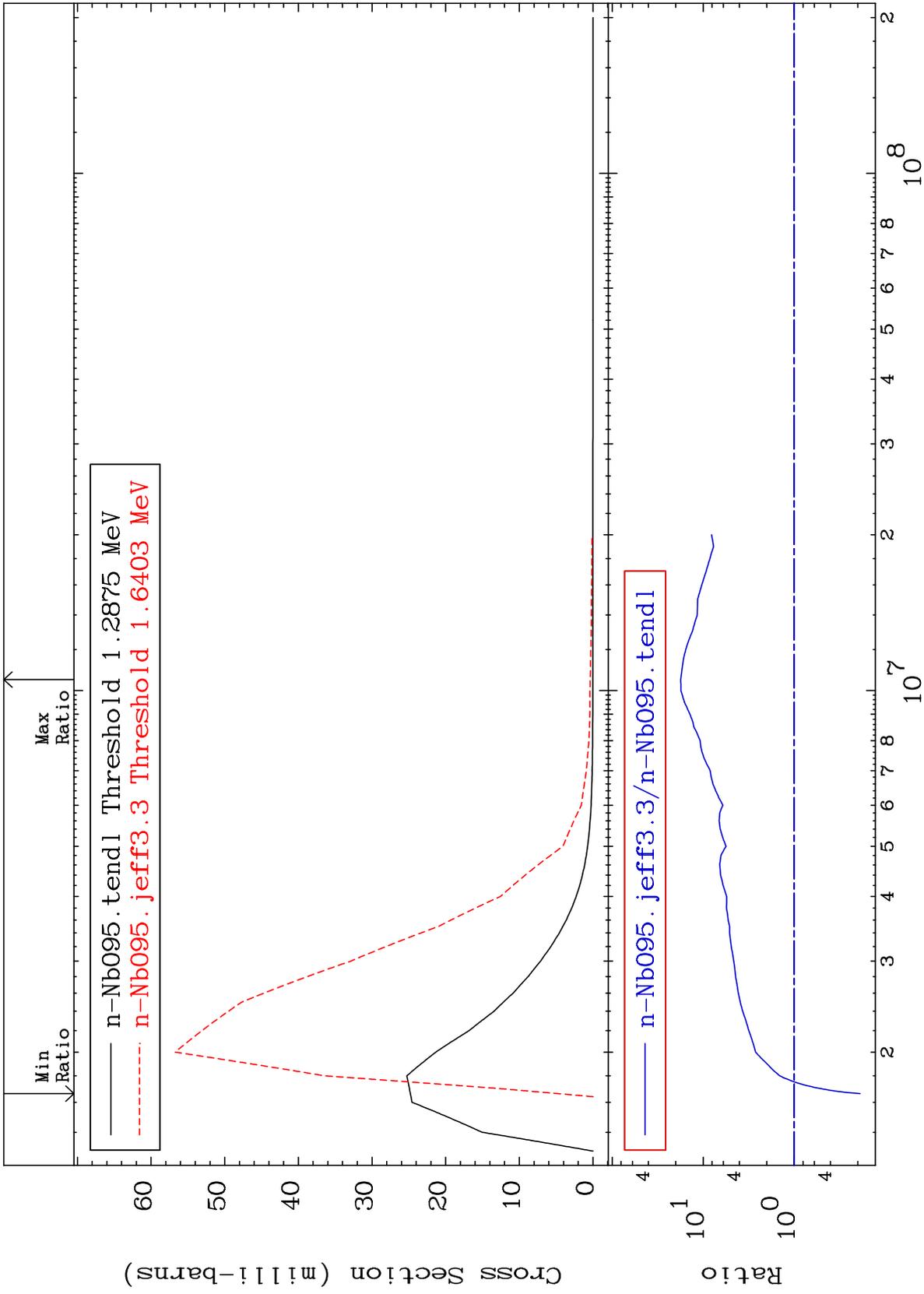
MAT 4131

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

41-Nb-95
-99.62 To 9999. %



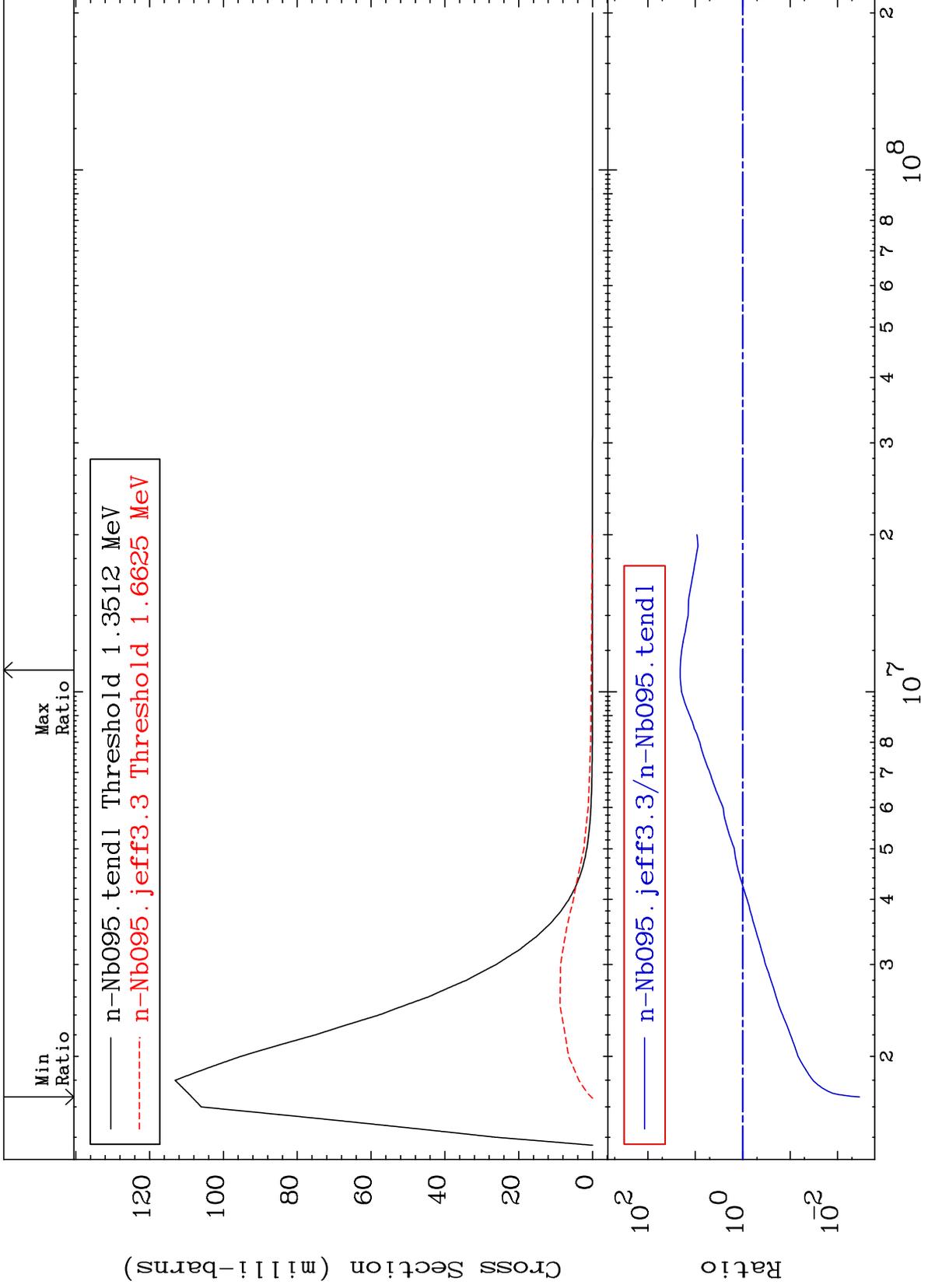




MAT 4131

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

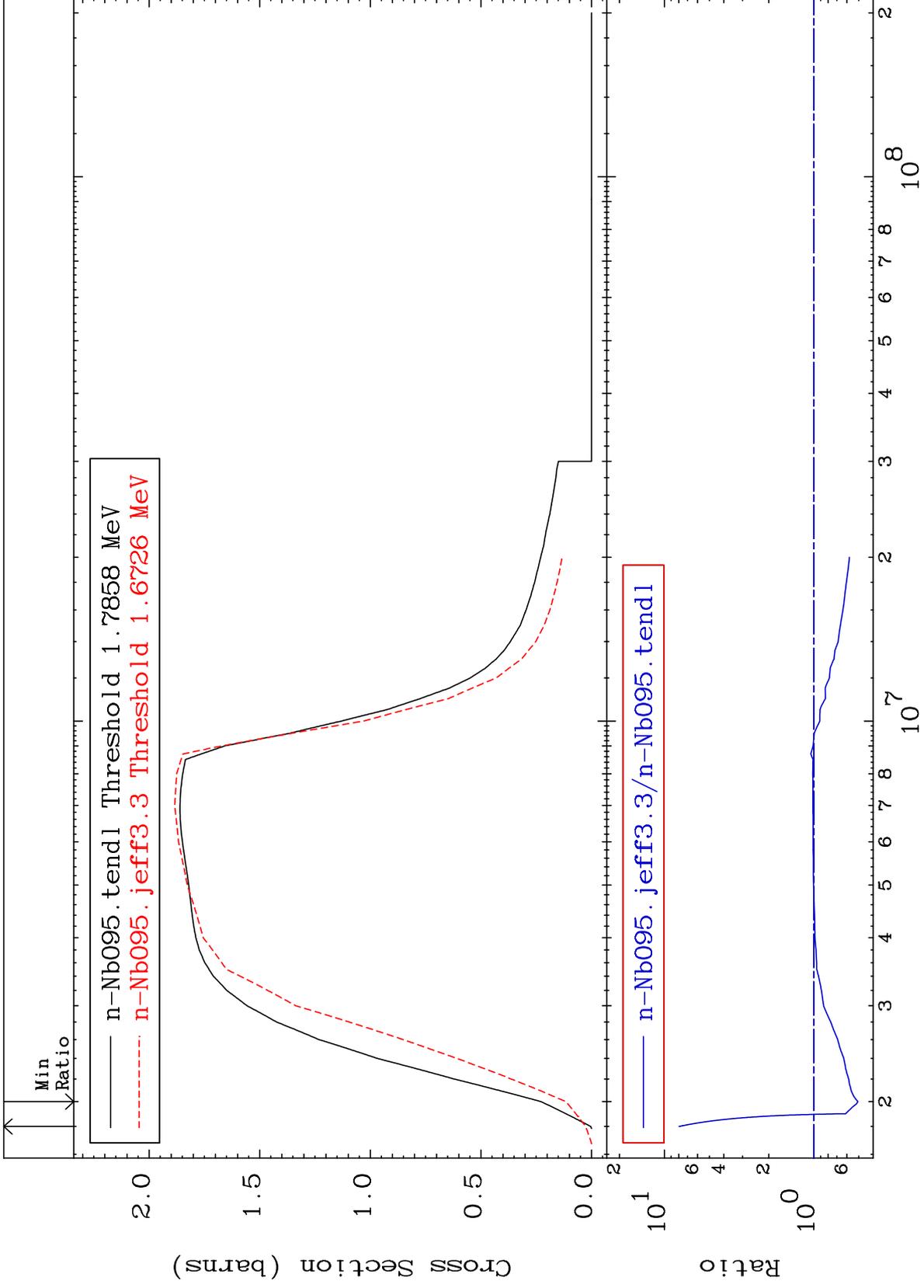
41-Nb-95
-99.65 To 1977. %



MAT 4131

(n, n') Continuum
Cross Section

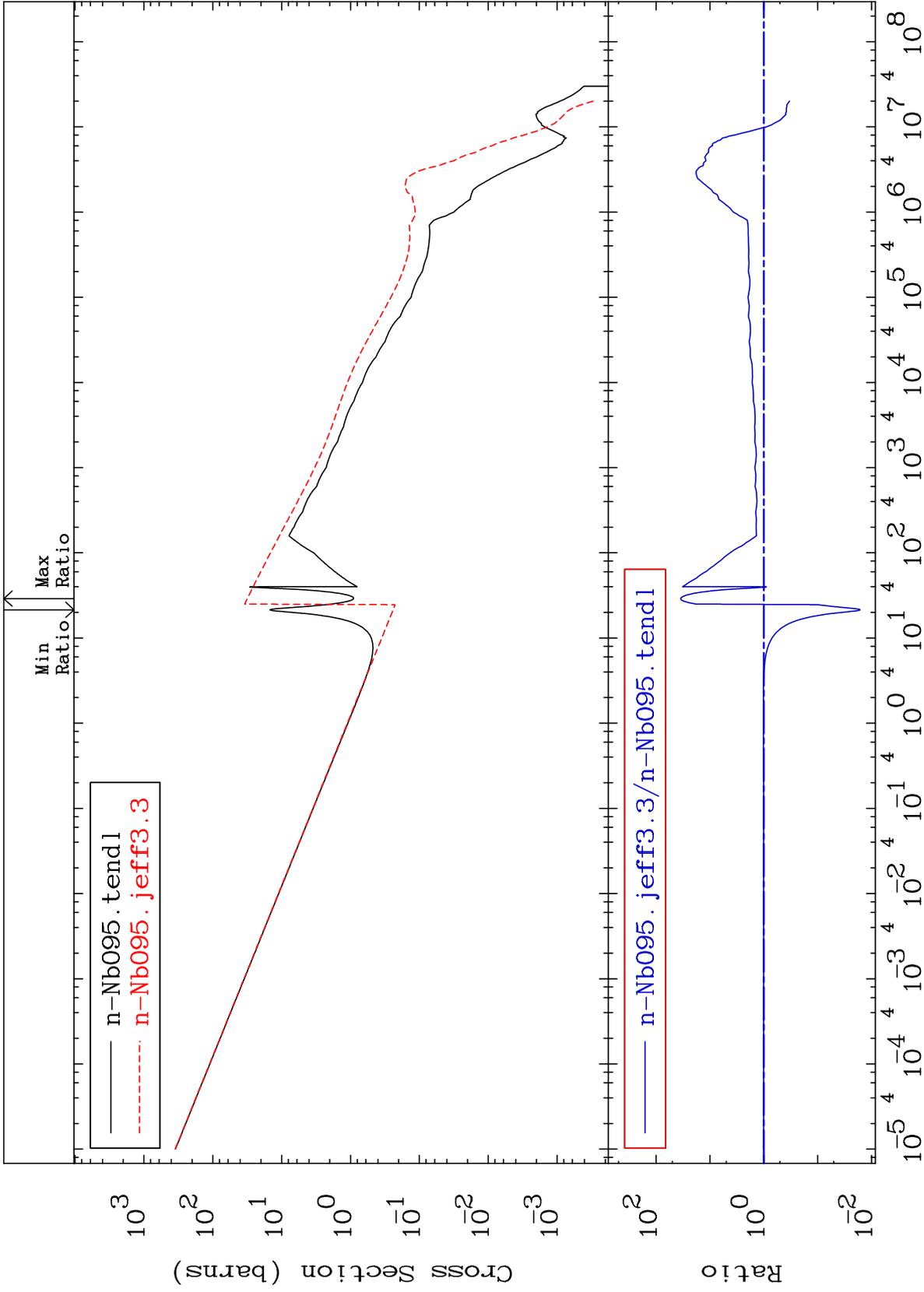
41-Nb-95
-49.39 To 697.4 %

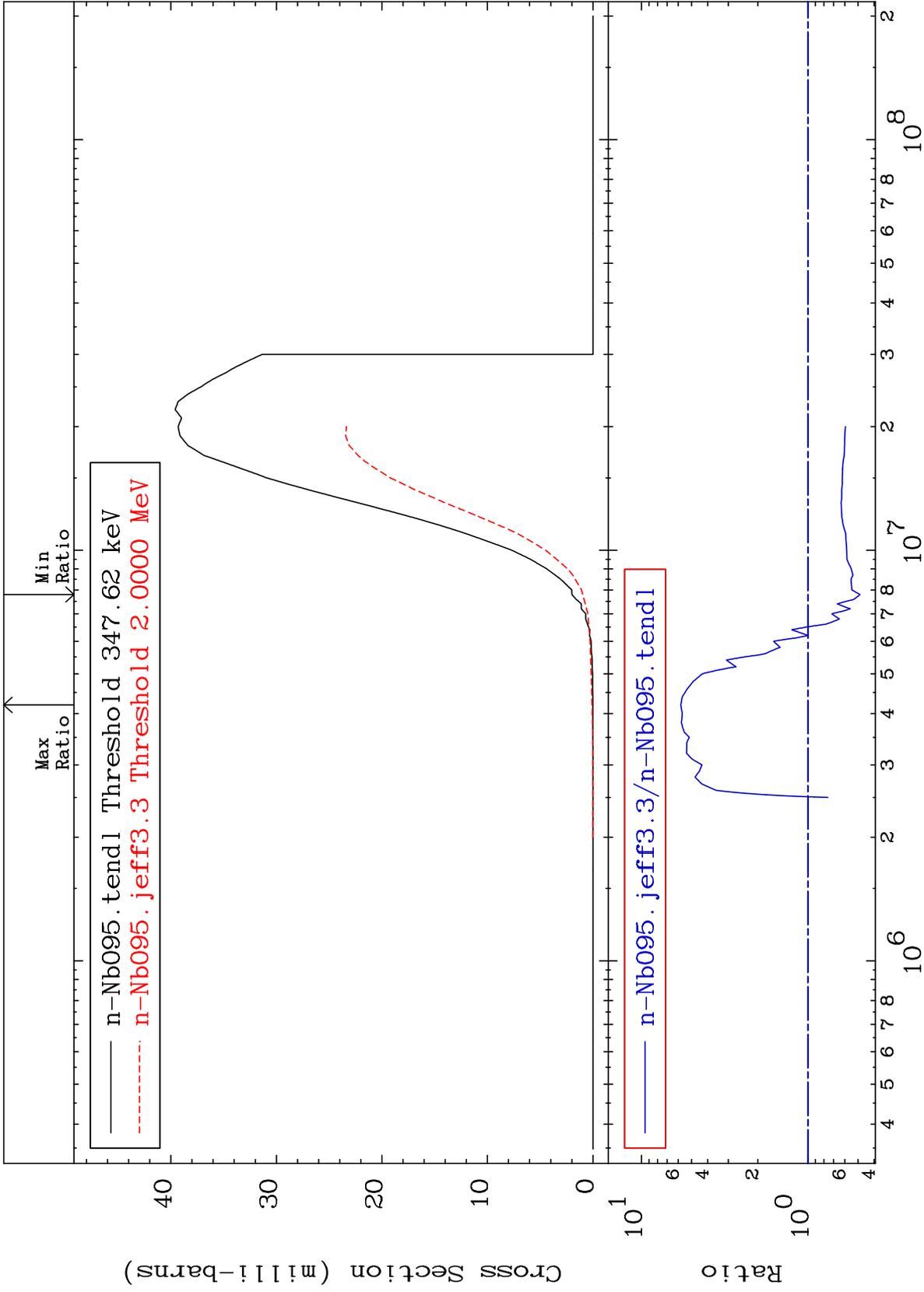


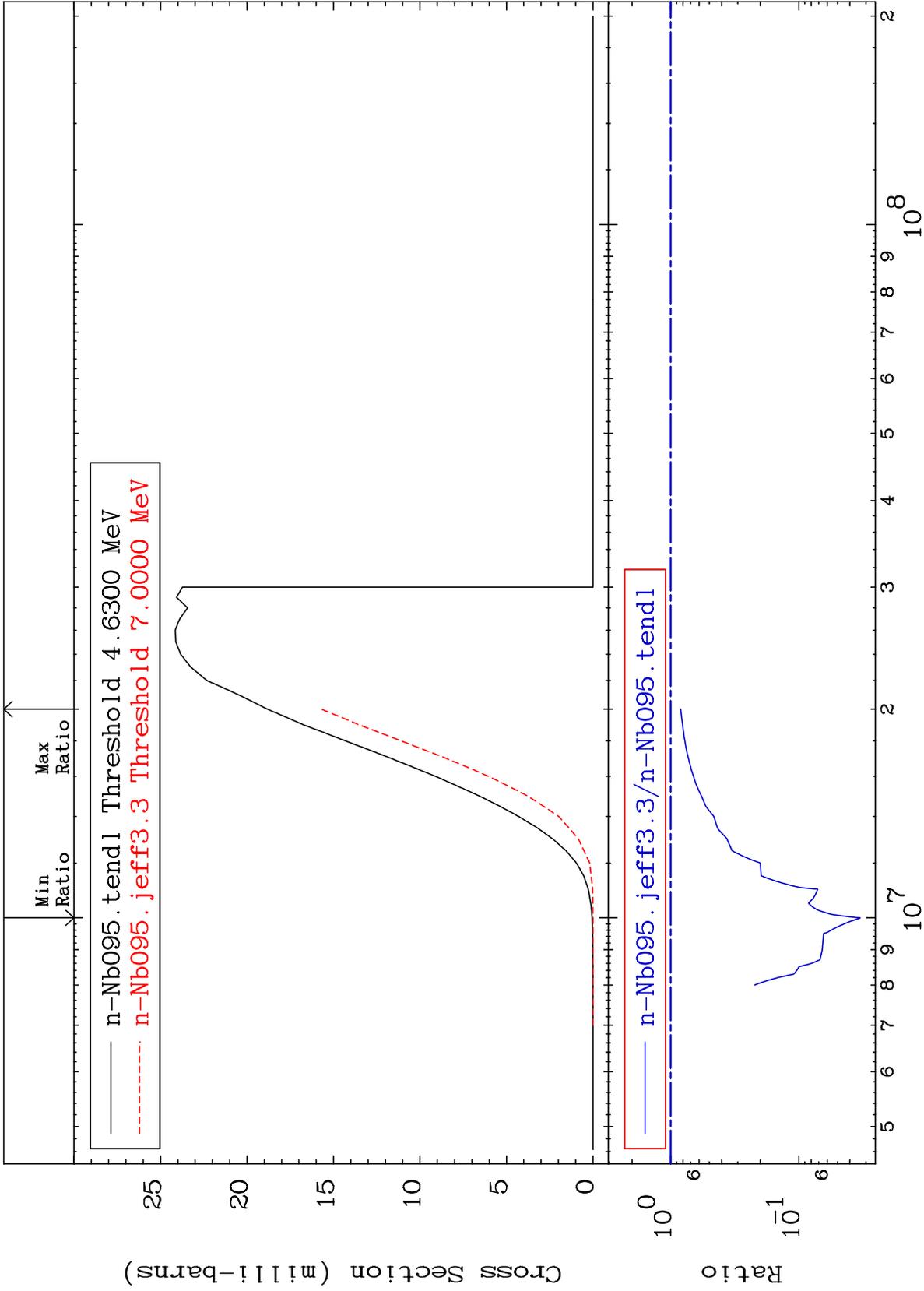
MAT 4131

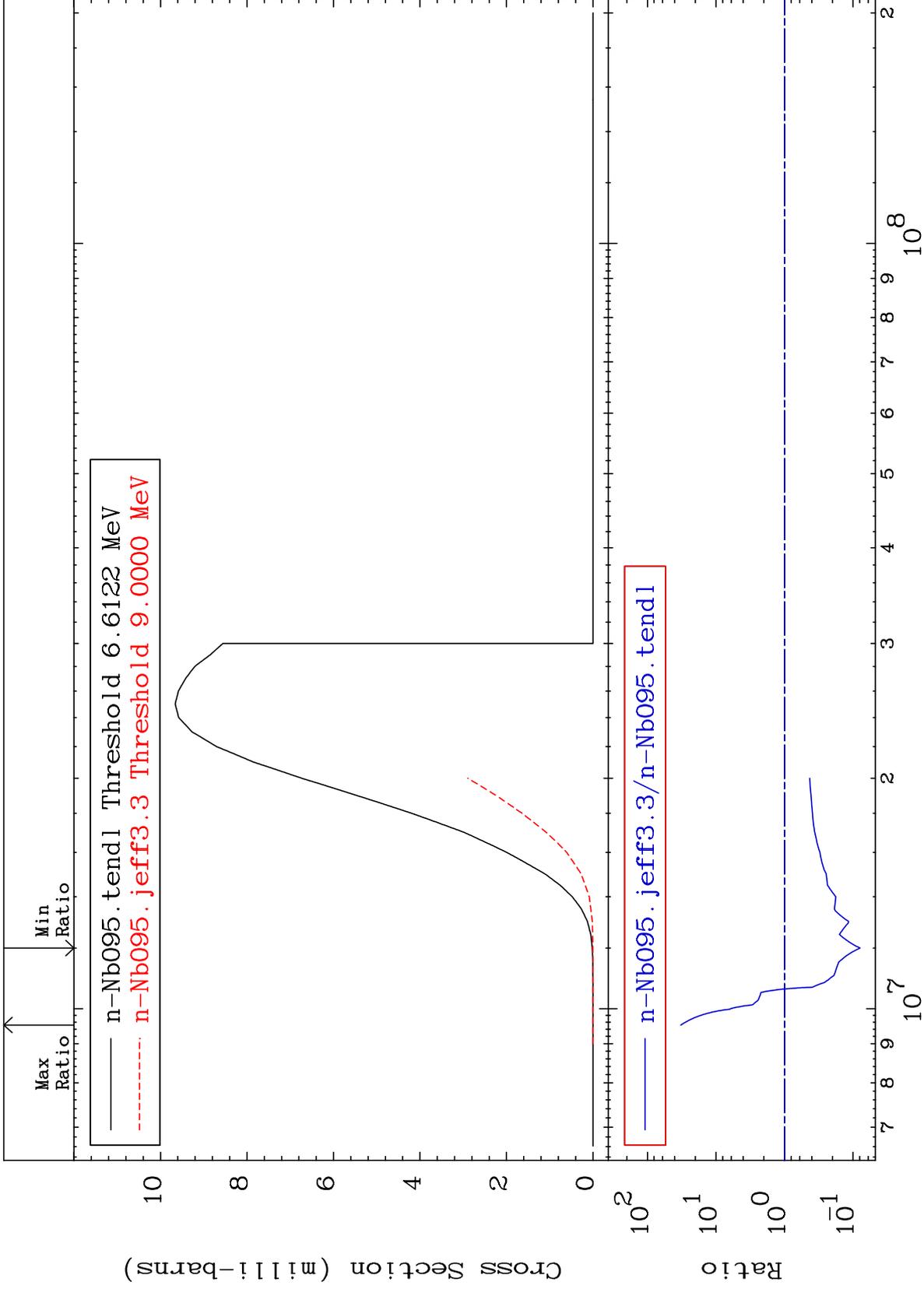
(n, γ)
Cross Section

41-Nb-95
-98.37 To 3378. %









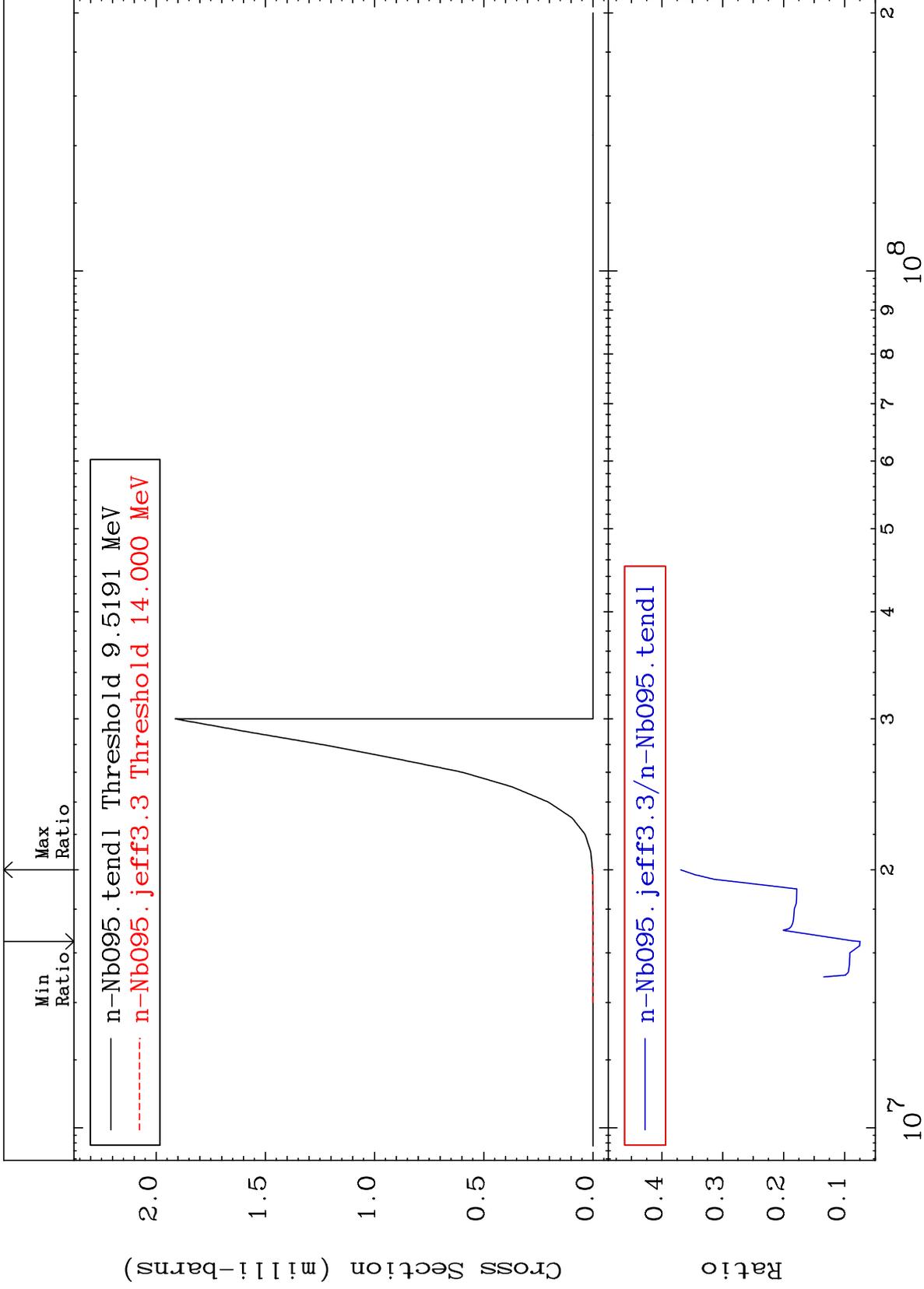
MAT 4131

(n, He-3)

41-Nb-95

Cross Section

-92.53 To -63.10%



30

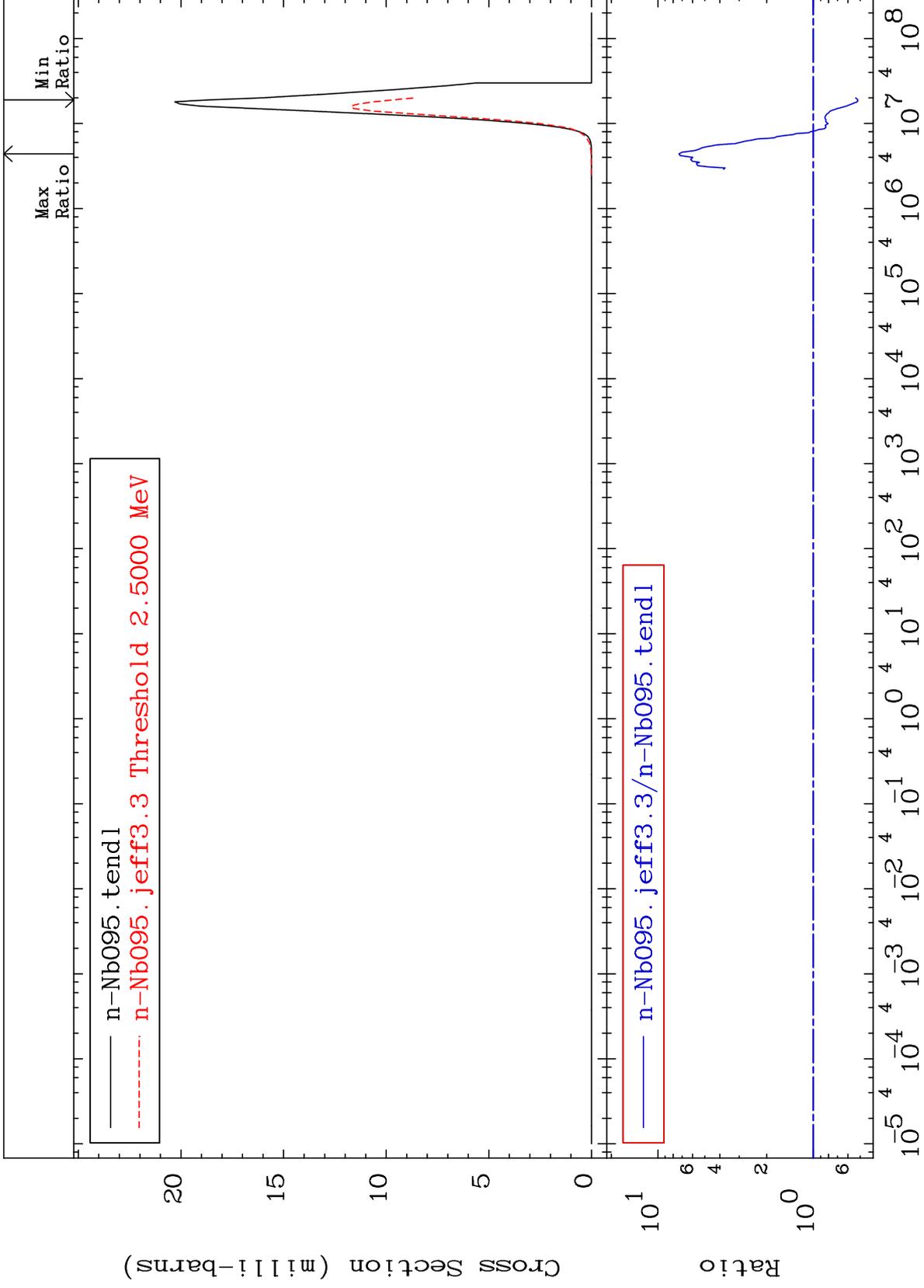
Incident Energy (eV)

41-Nb-95

MAT 4131

(n, α)
Cross Section

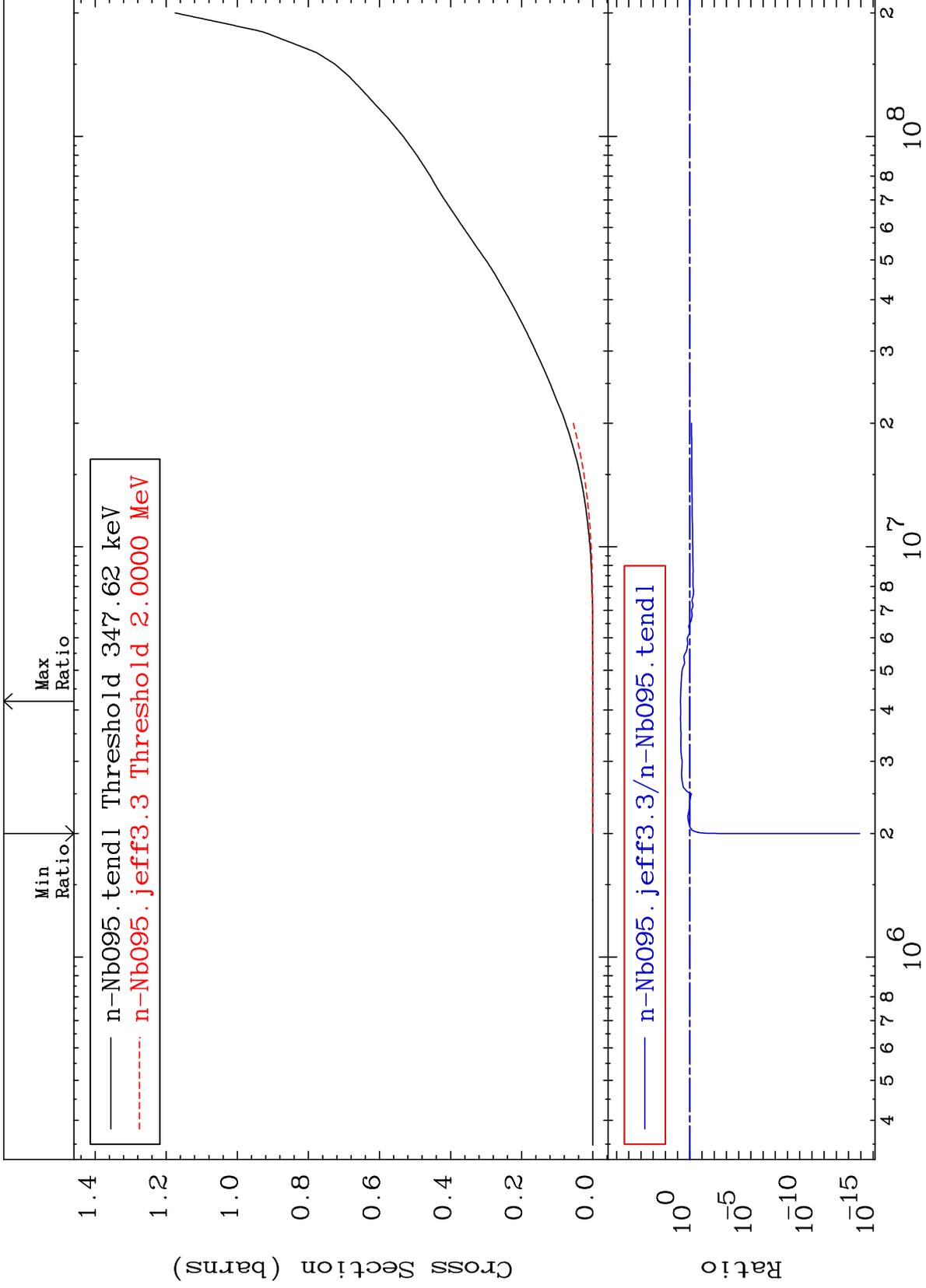
41-Nb-95
-48.27 To 632.4 %



MAT 4131

Hydrogen Production
Cross Section

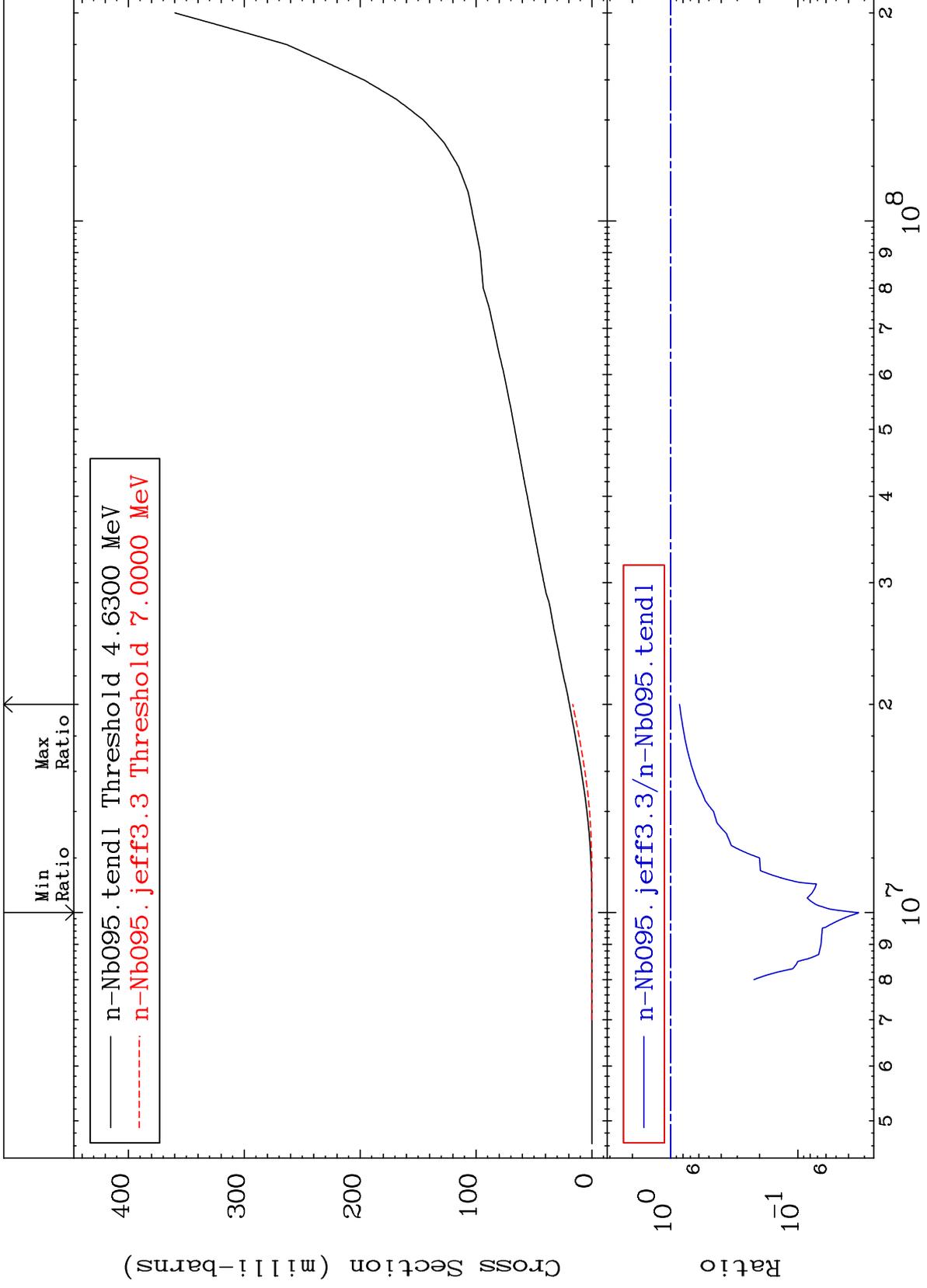
41-Nb-95
-100.0 To 479.9 %



MAT 4131

Deuterium Production
Cross Section

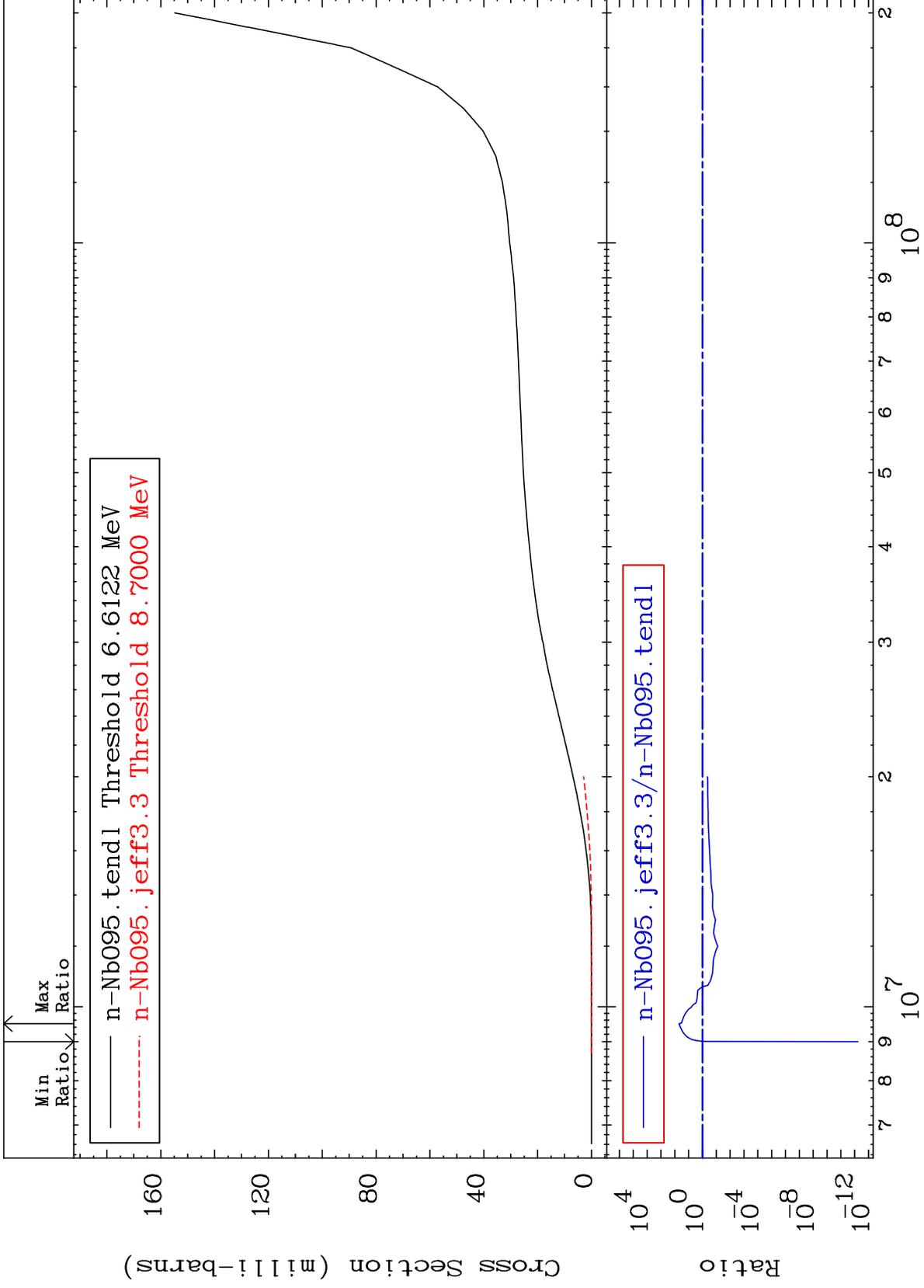
41-Nb-95
-96.67 To -14.88%



MAT 4131

Tritium Production Cross Section

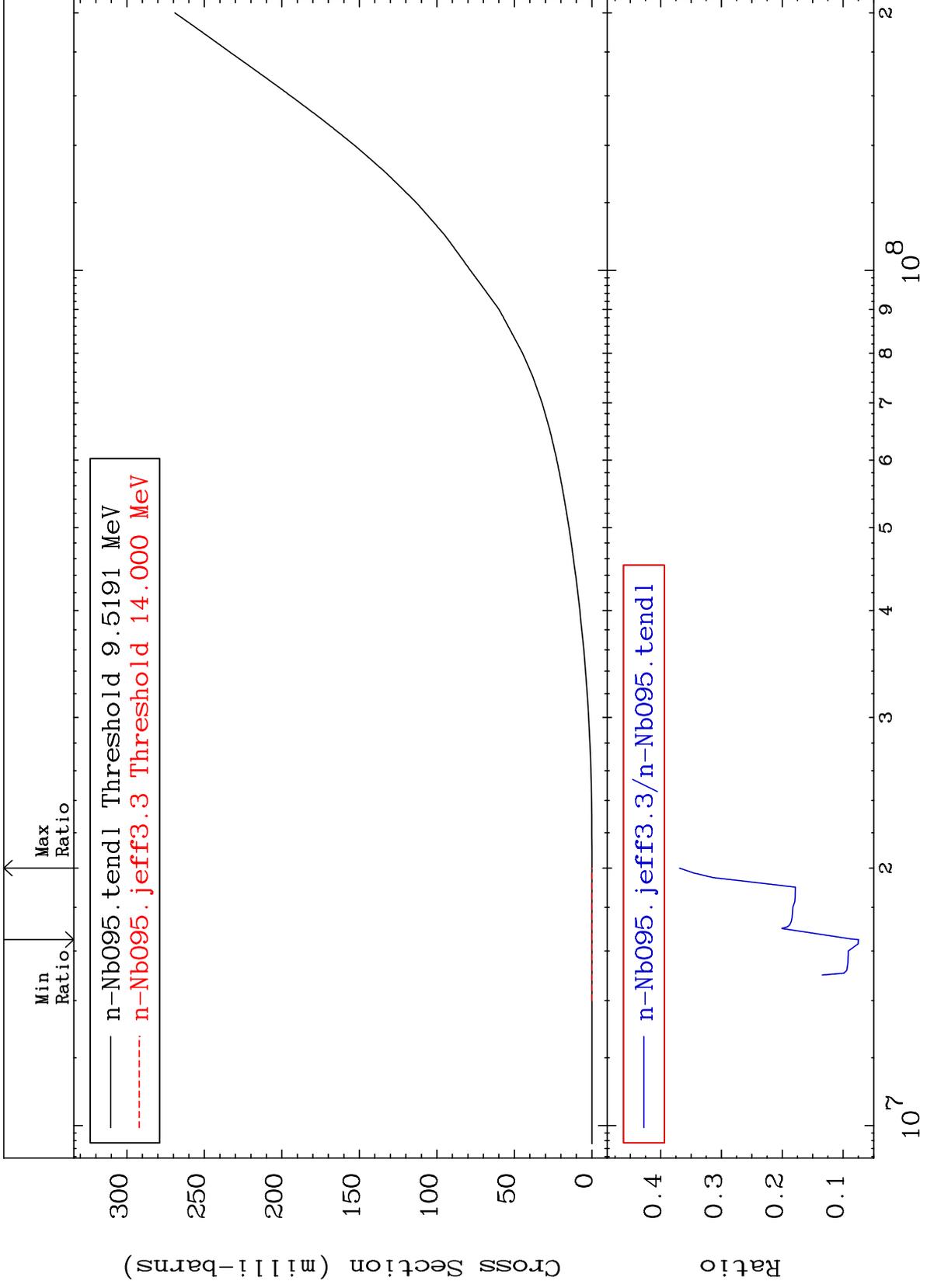
41-Nb-95
-100.0 To 4800. %



MAT 4131

He-3 Production
Cross Section

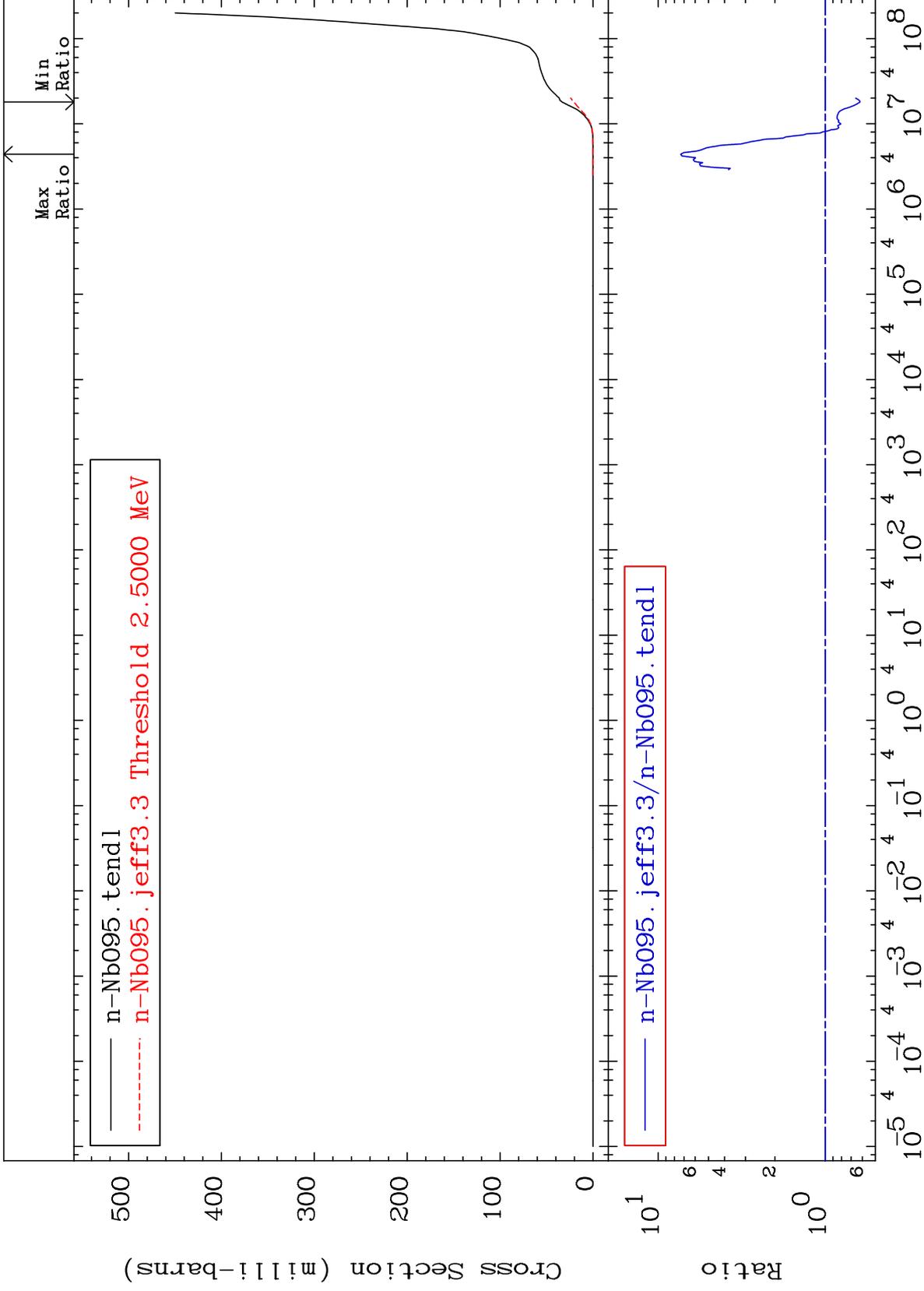
41-Nb-95
-92.53 To -63.10%

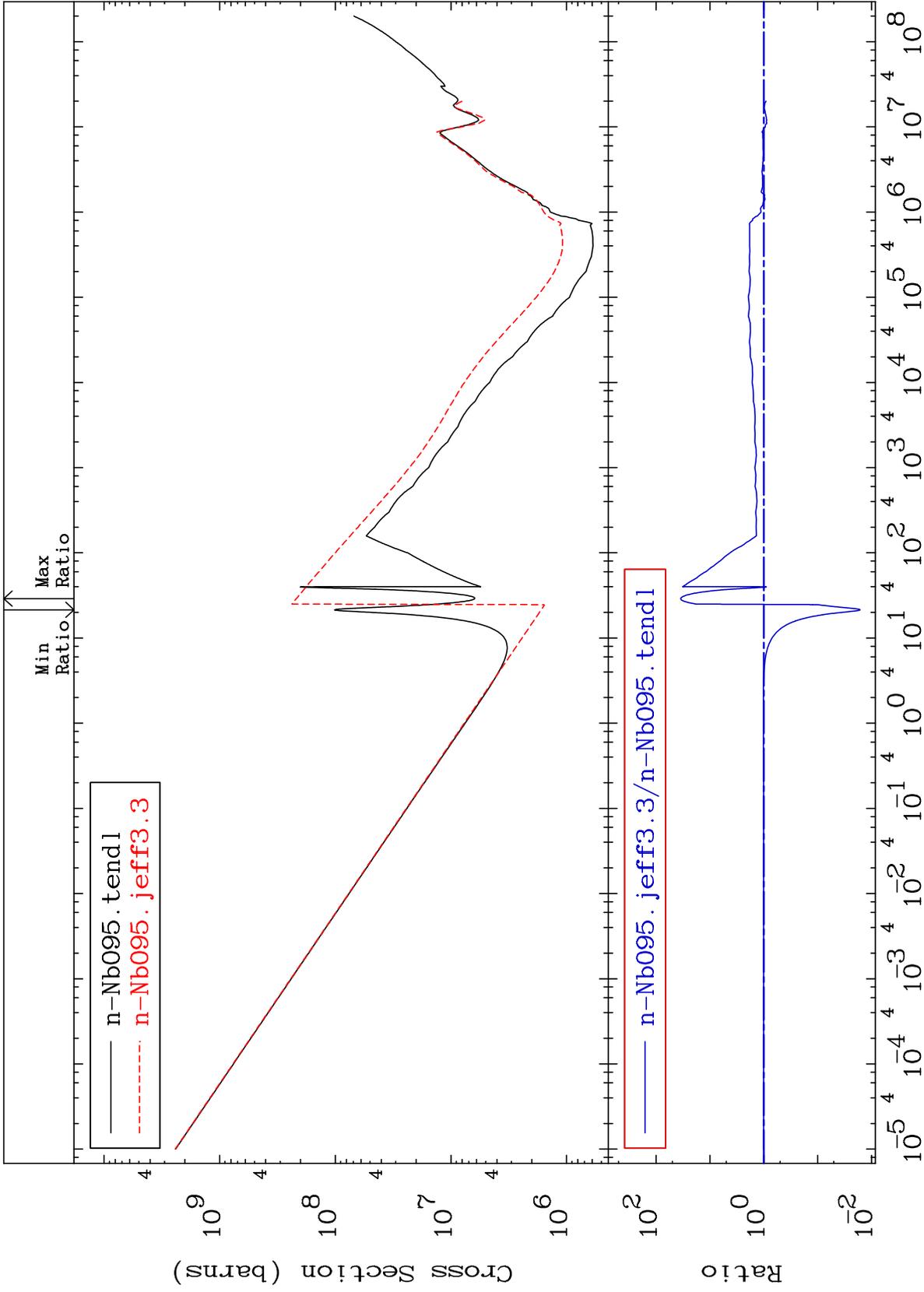


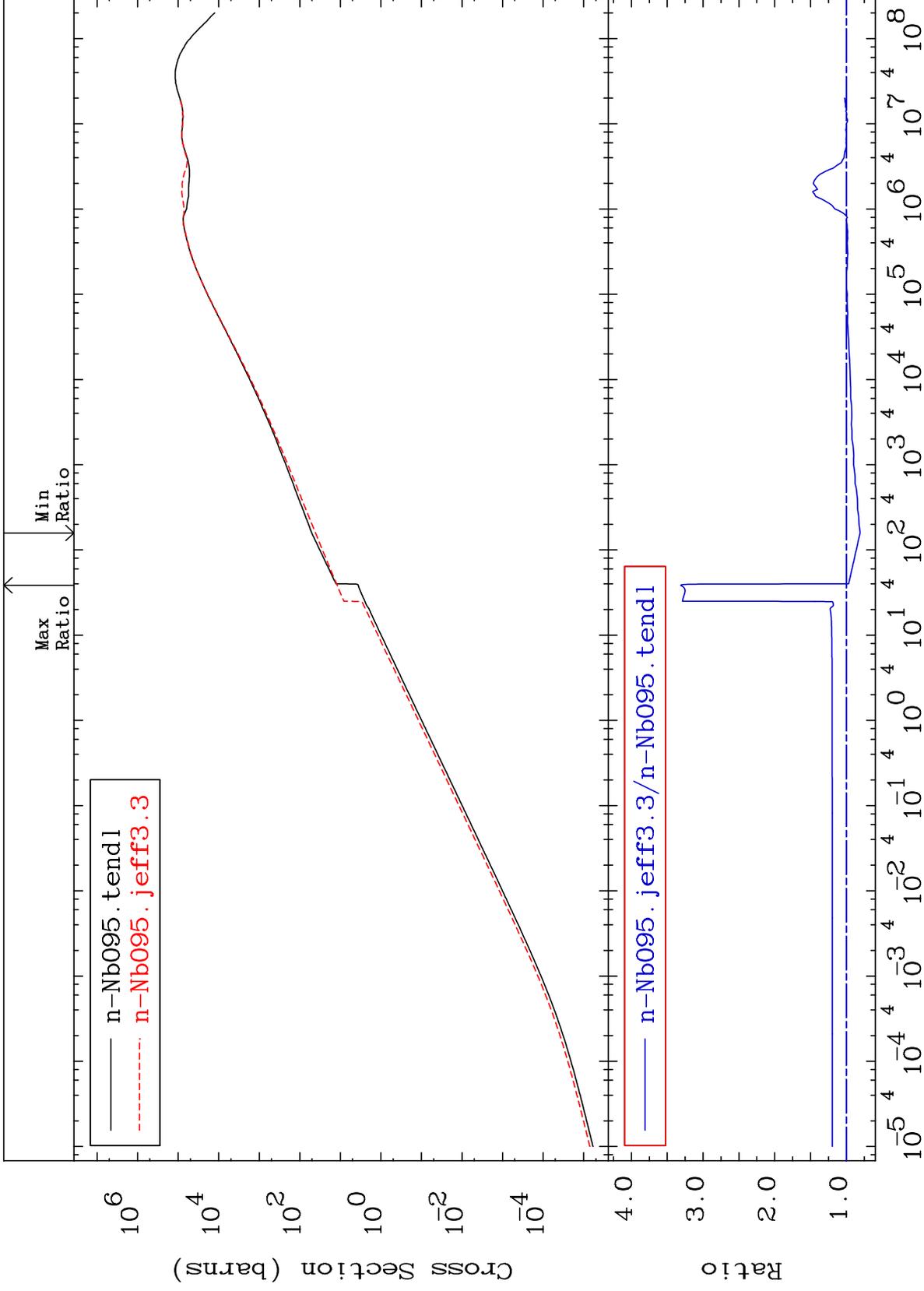
35

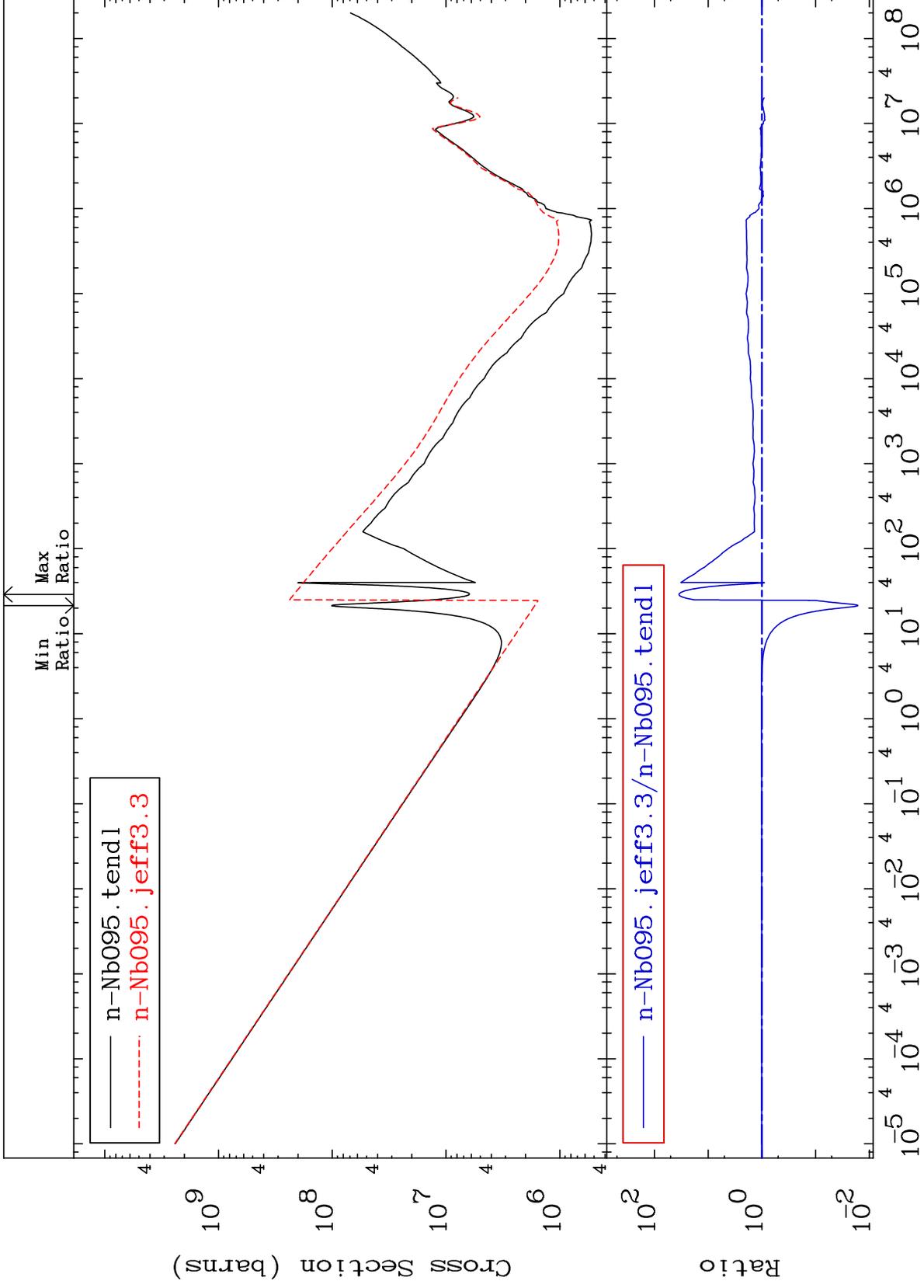
Incident Energy (eV)

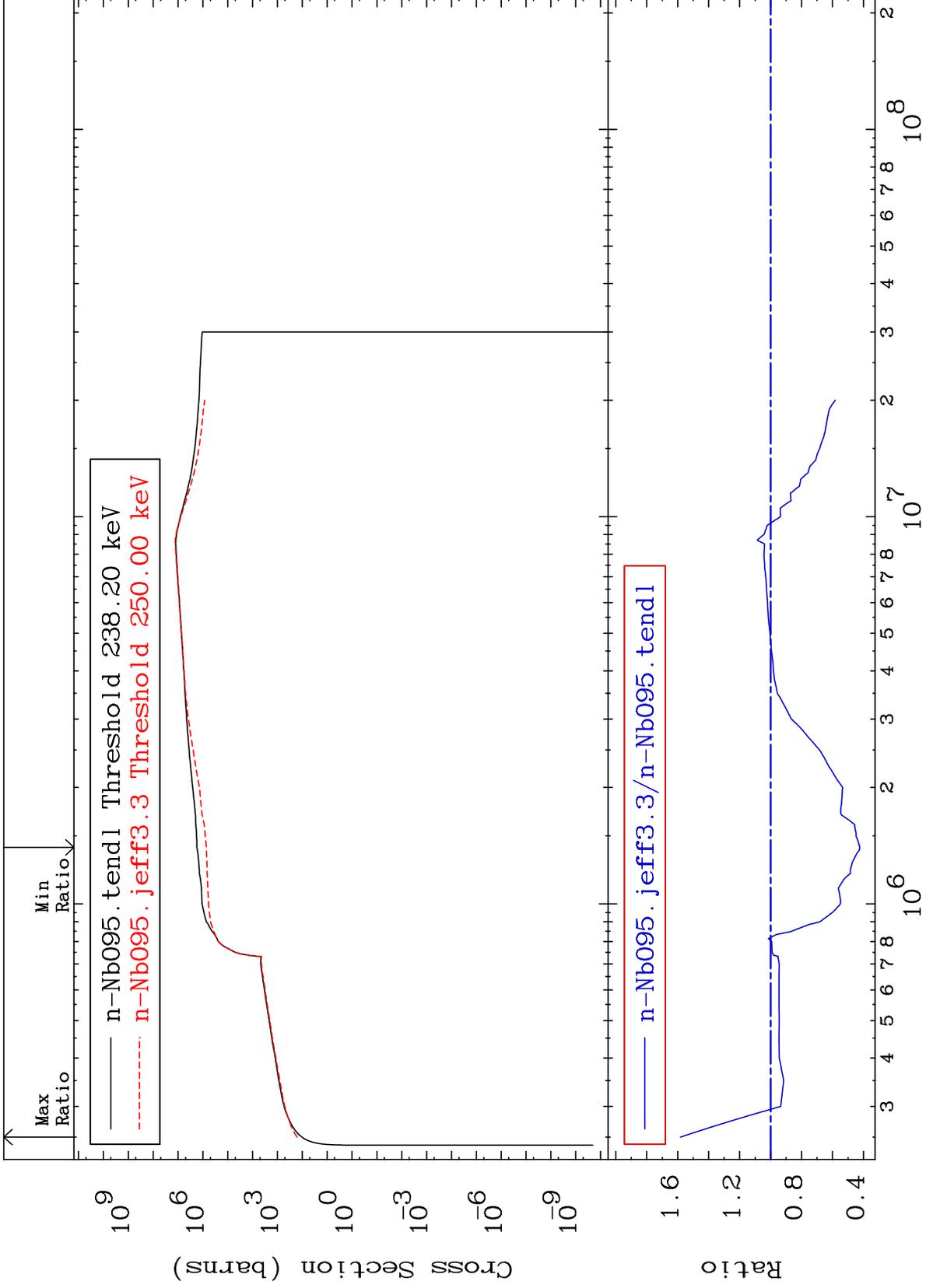
41-Nb-95







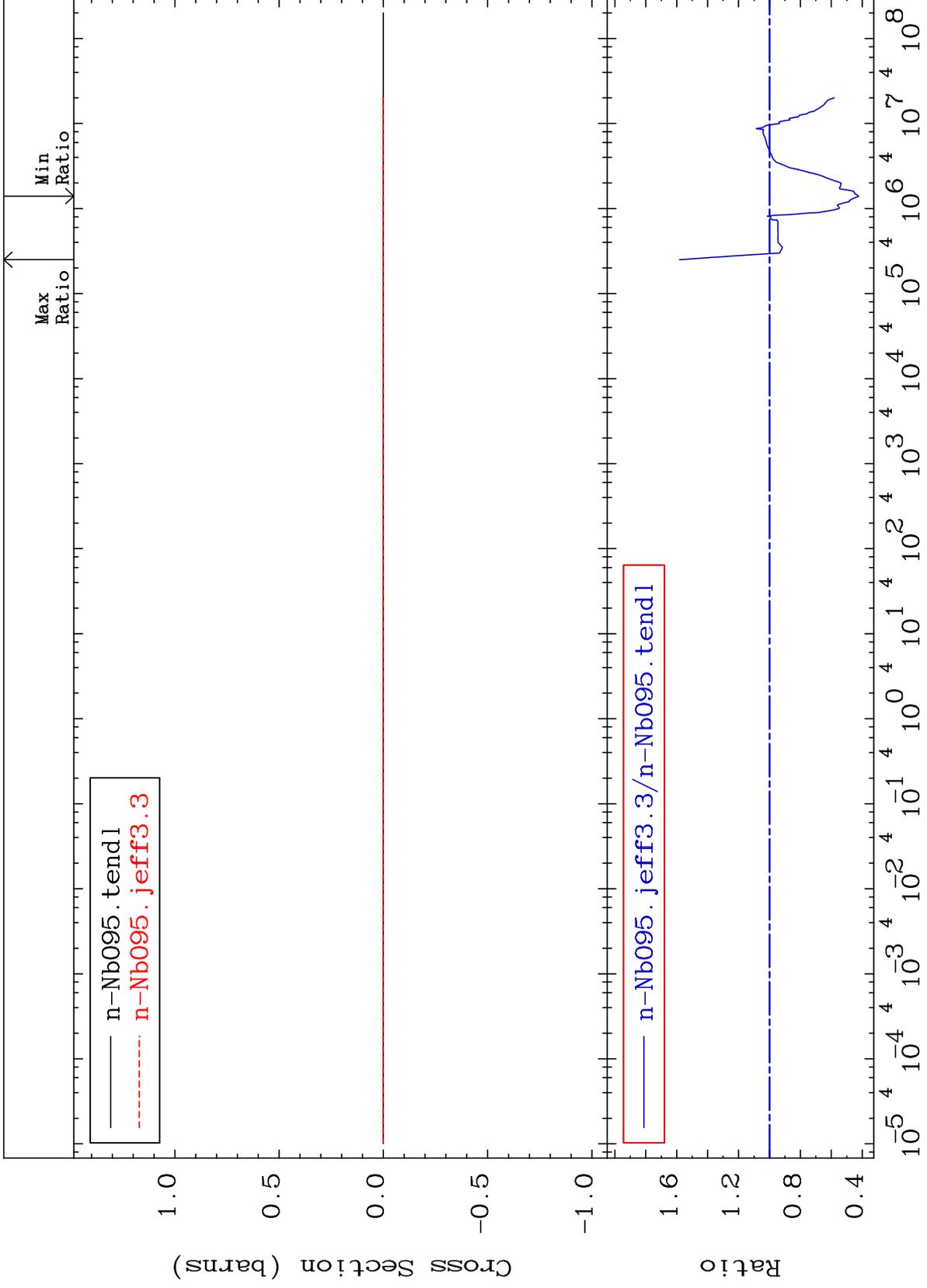




MAT 4131

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

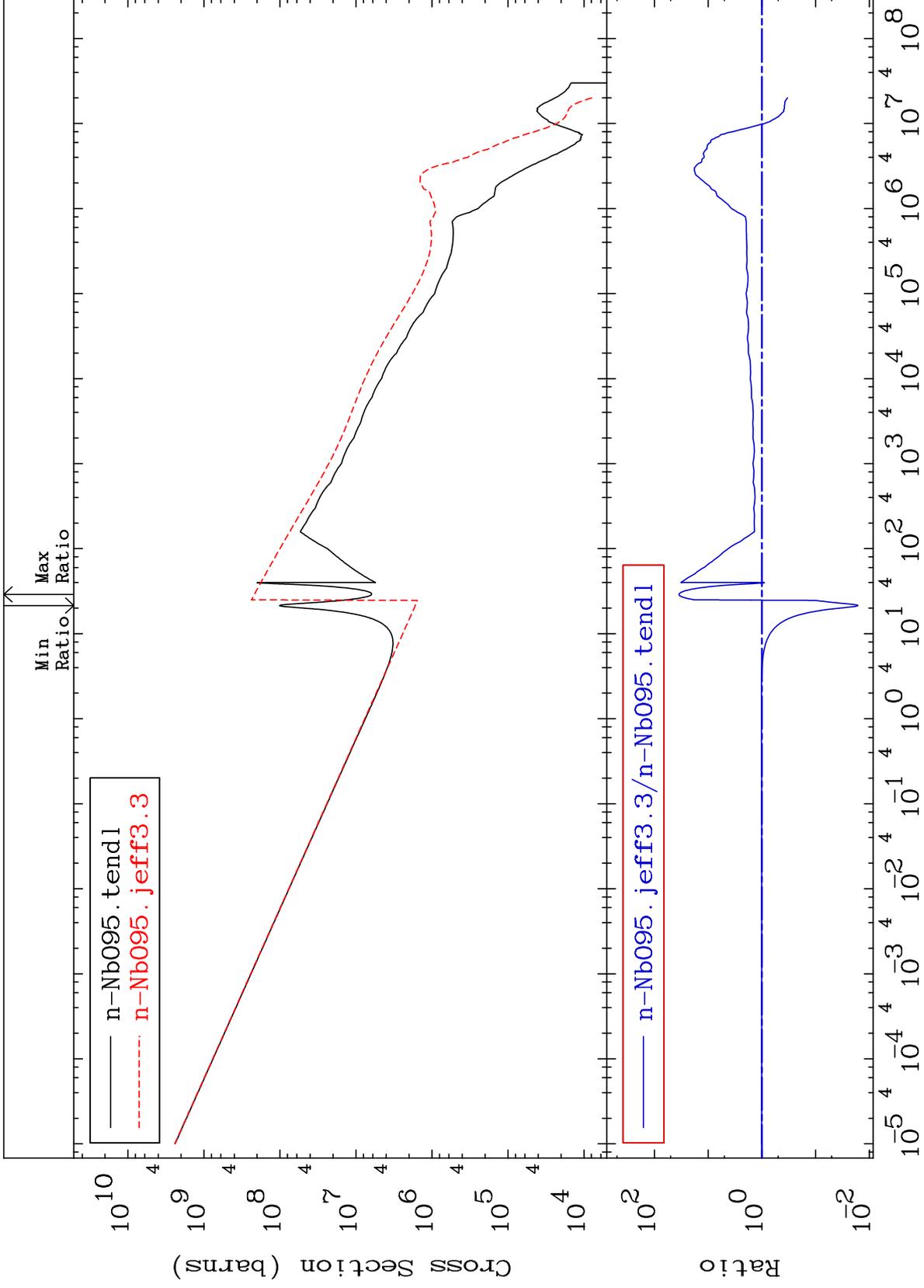
41-Nb-95
-57.60 To 58.18 %



41

Incident Energy (eV)

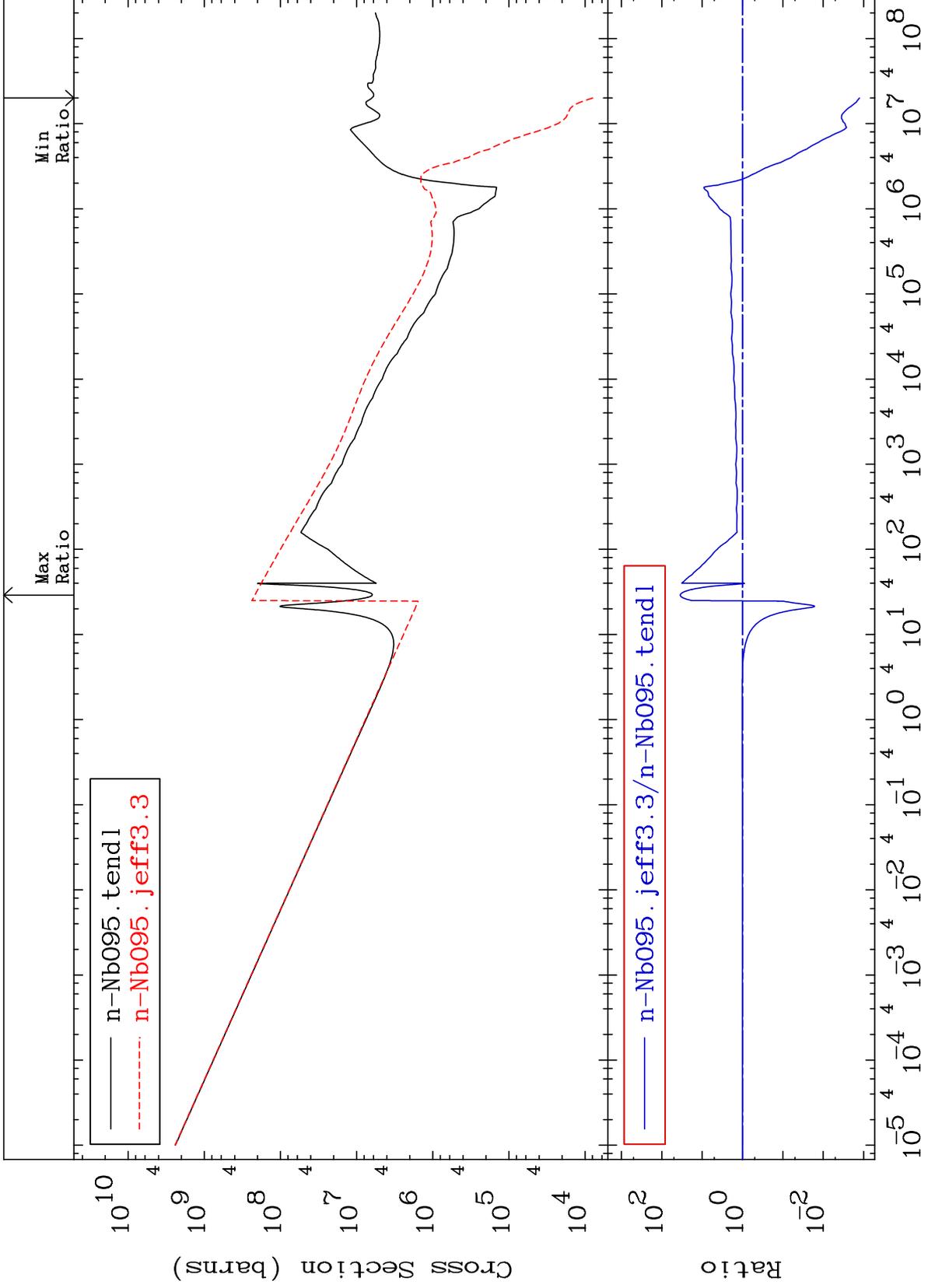
41-Nb-95

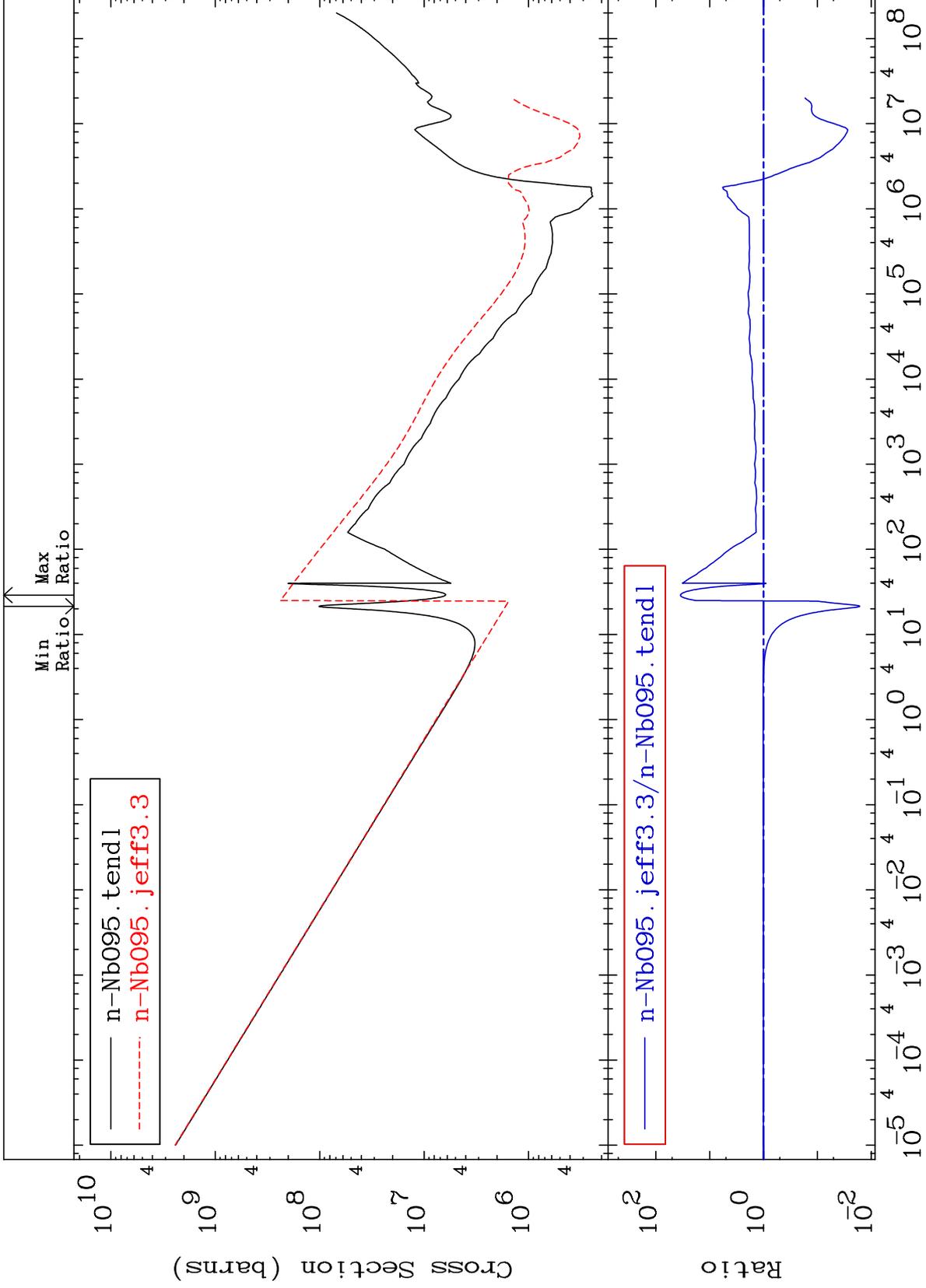


MAT 4131

Total photon (eV-barns)
Cross Section

41-Nb-95
-99.87 To 3381. %

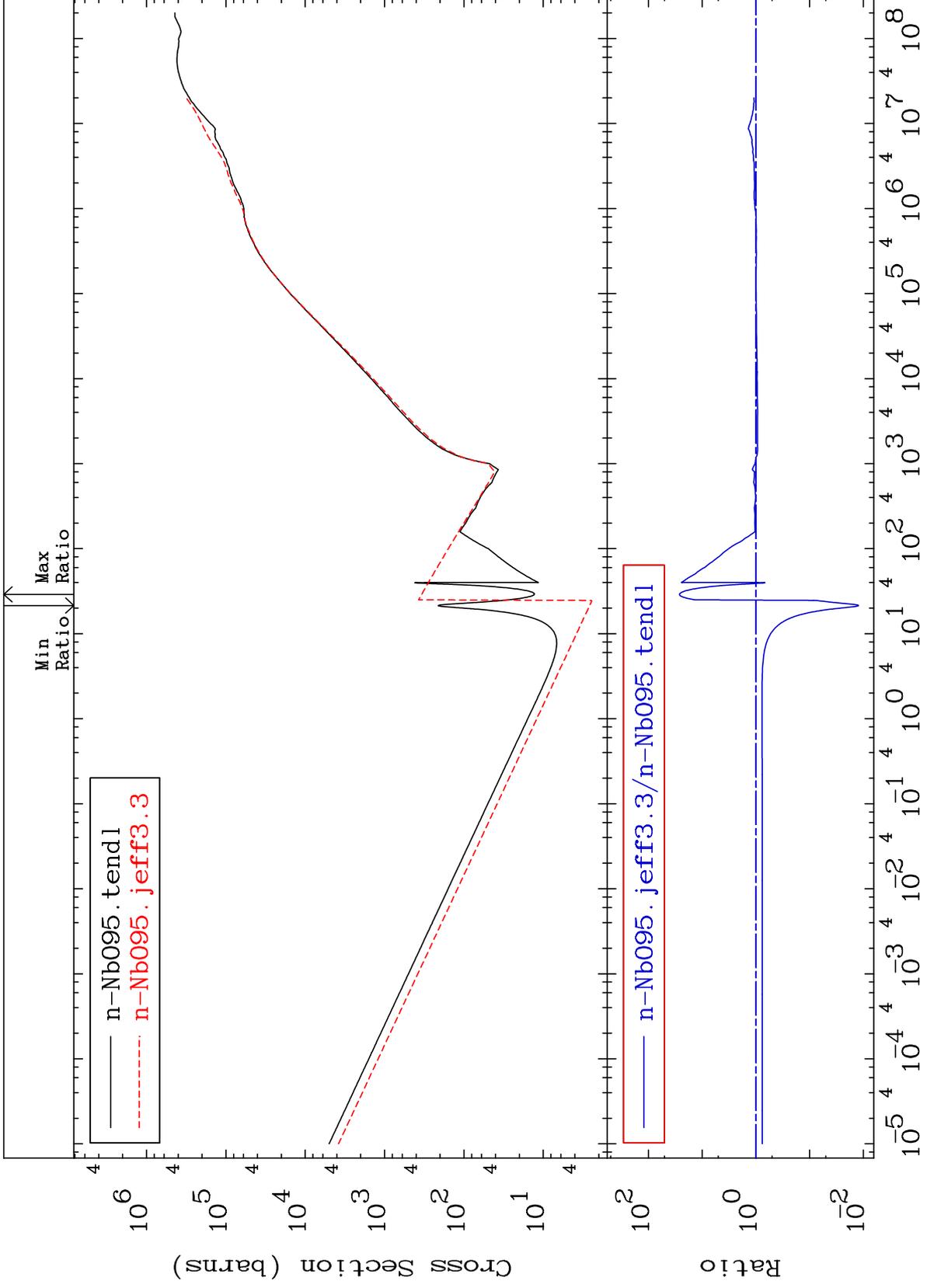




MAT 4131

Dpa total (eV-barns)
Cross Section

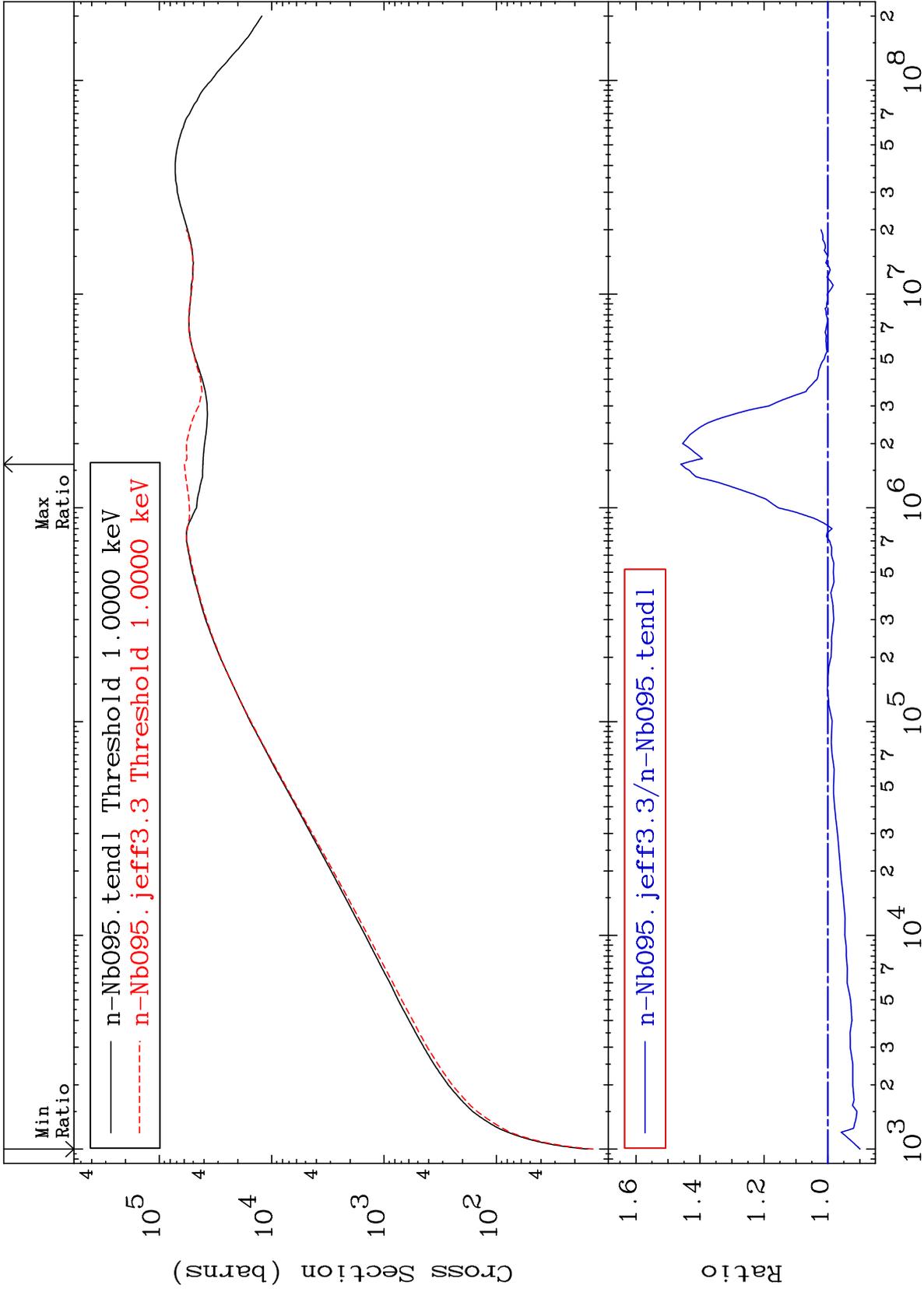
41-Nb-95
-98.77 To 2531. %



MAT 4131

Dpa elastic (mt2)
Cross Section

41-Nb-95
-10.06 To 46.00 %



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Incident Energy (eV)

41-Nb-95

MAT 4131

Dpa inelastic (mt51-91)
Cross Section

41-Nb-95
-44.86 To 106.9 %

