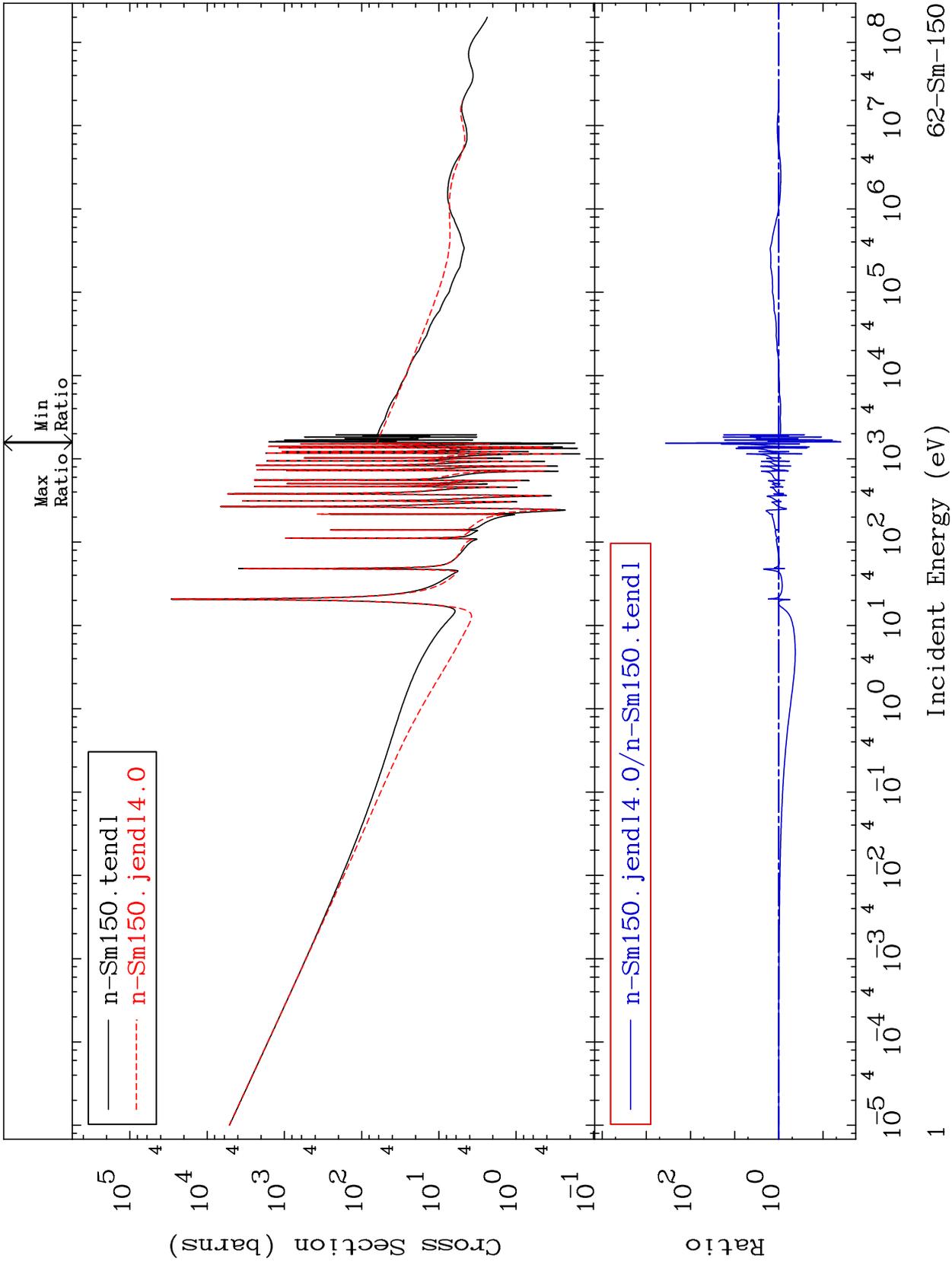


MAT 6243

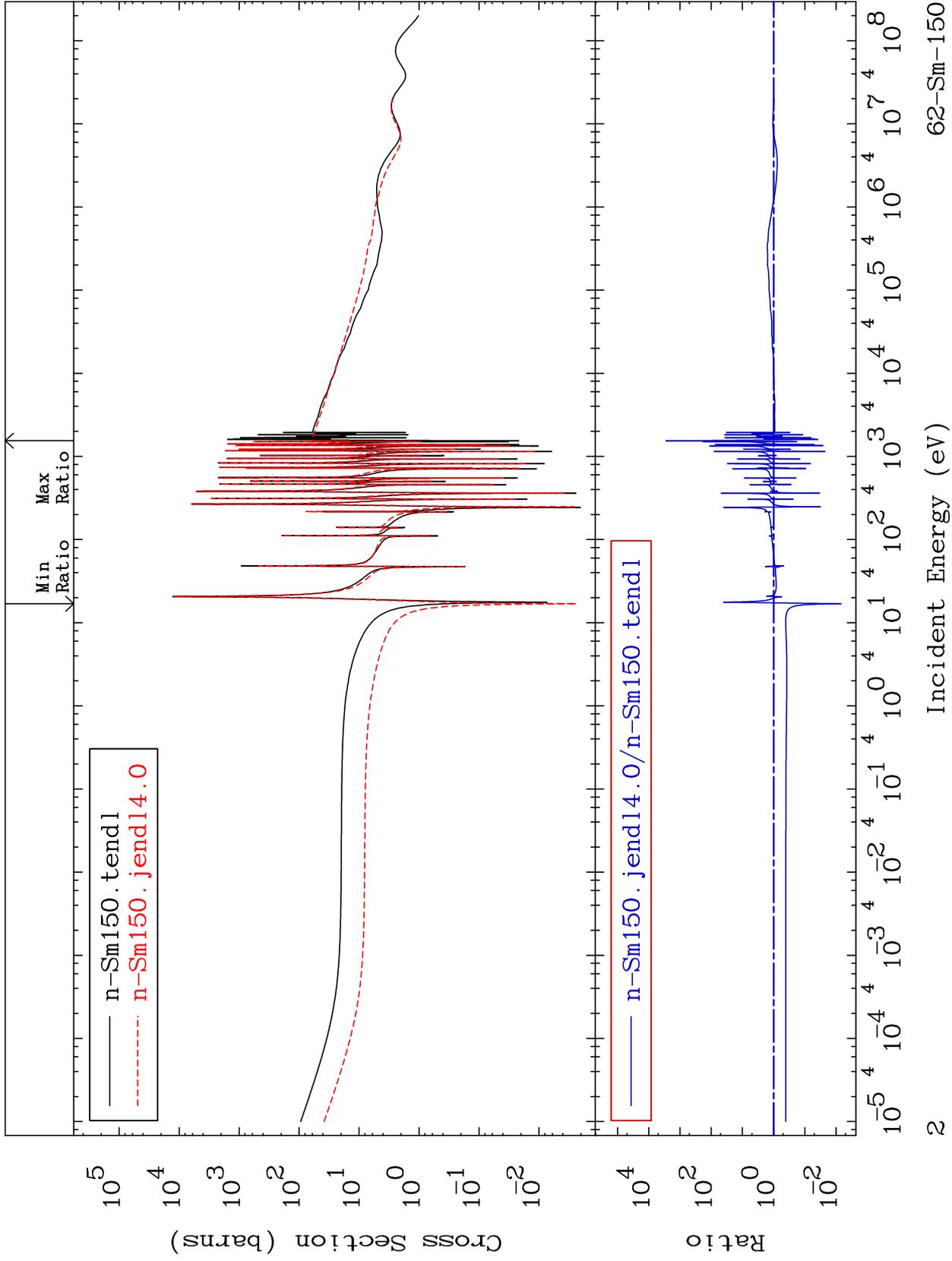
Total Cross Section
62-Sm-150
-96.04 To 9999. %



62-Sm-150

MAT 6243

Elastic Cross Section 62-Sm-150
-99.30 To 9999. %



62-Sm-150

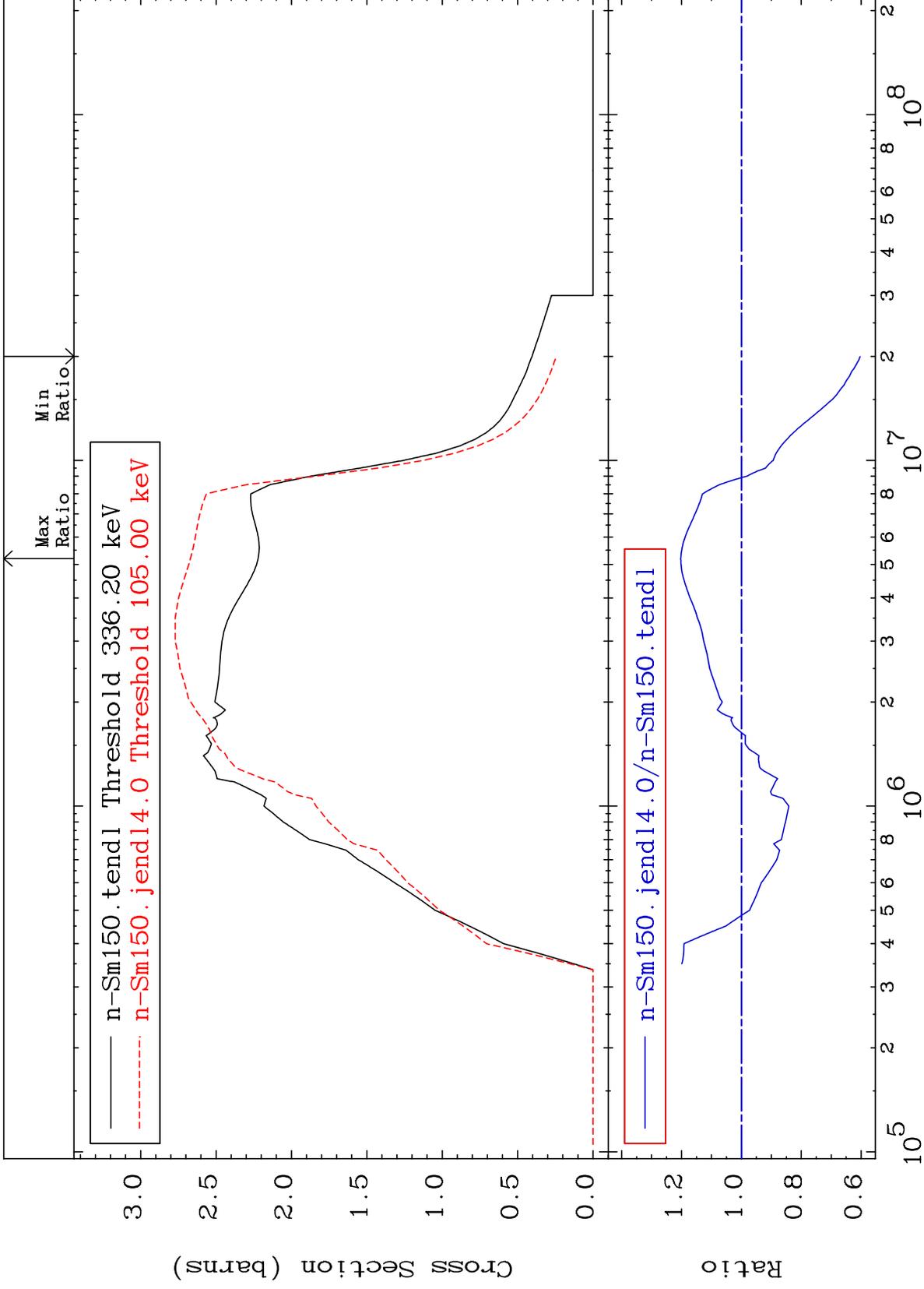
Incident Energy (eV)

2

MAT 6243

Inelastic
Cross Section

62-Sm-150
-39.65 To 20.25 %

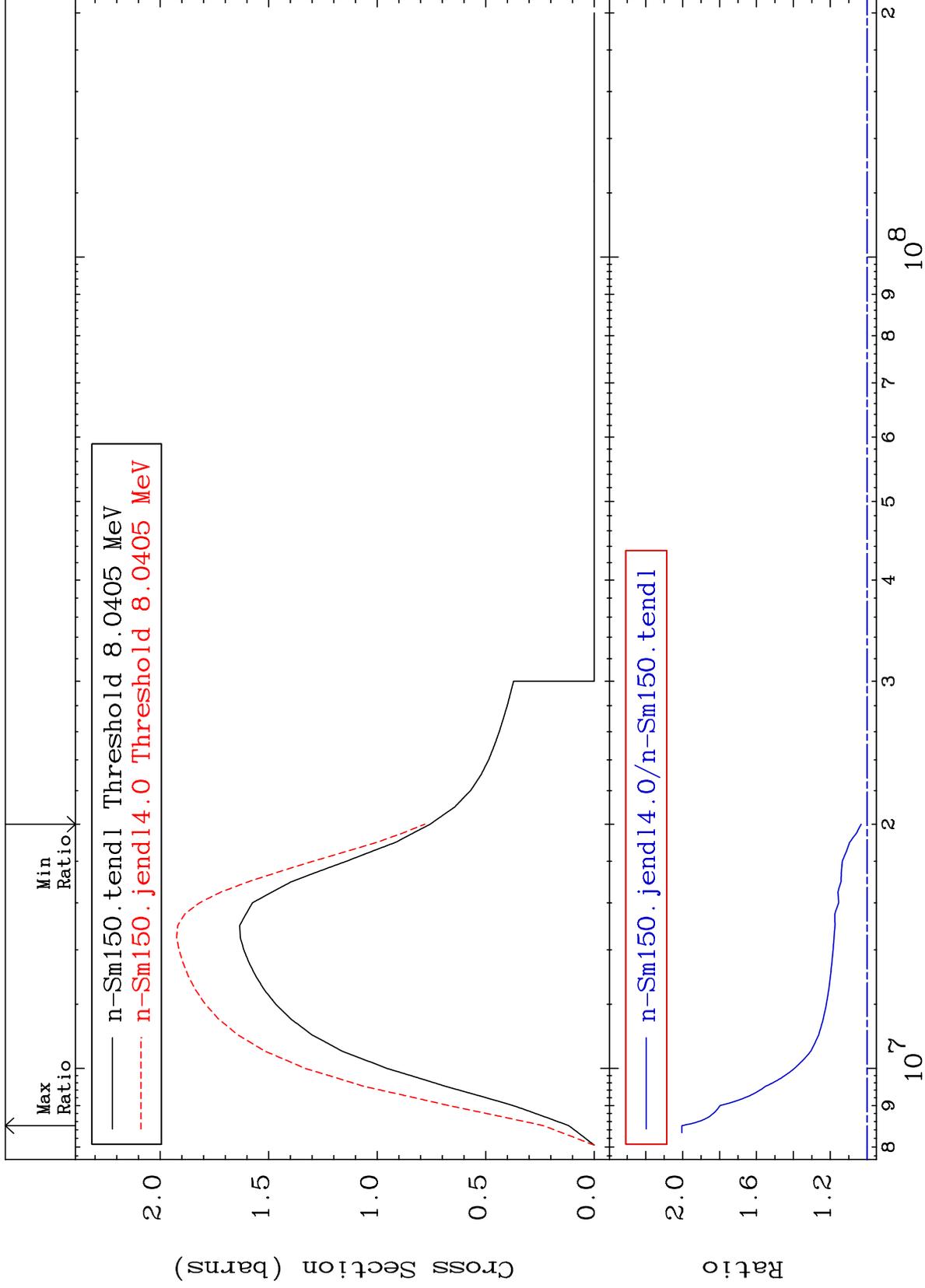


62-Sm-150

3

MAT 6243

(n,2n)
Cross Section
62-Sm-150
3.312 To 100.4 %

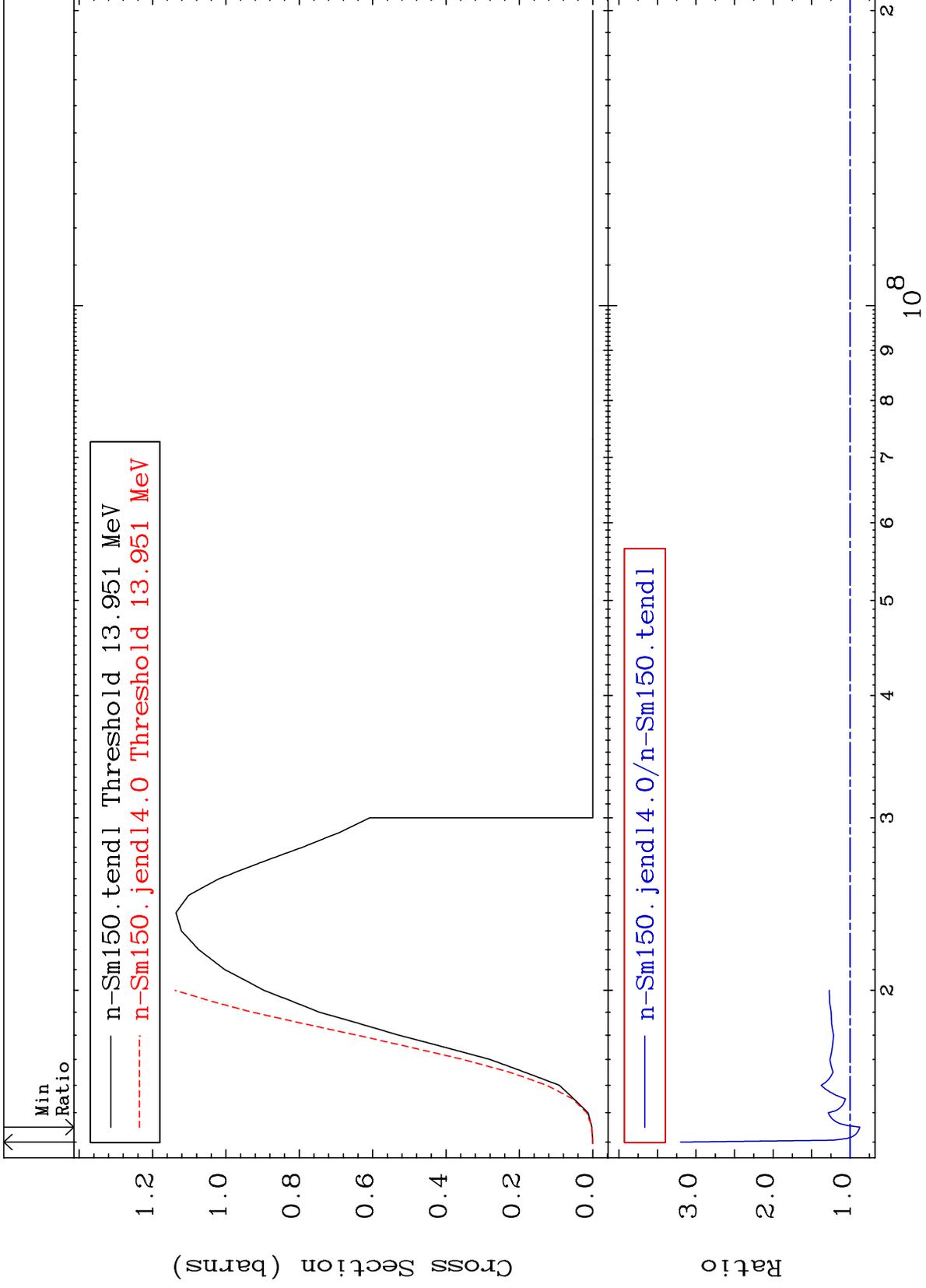


4

MAT 6243

(n,3n)
Cross Section

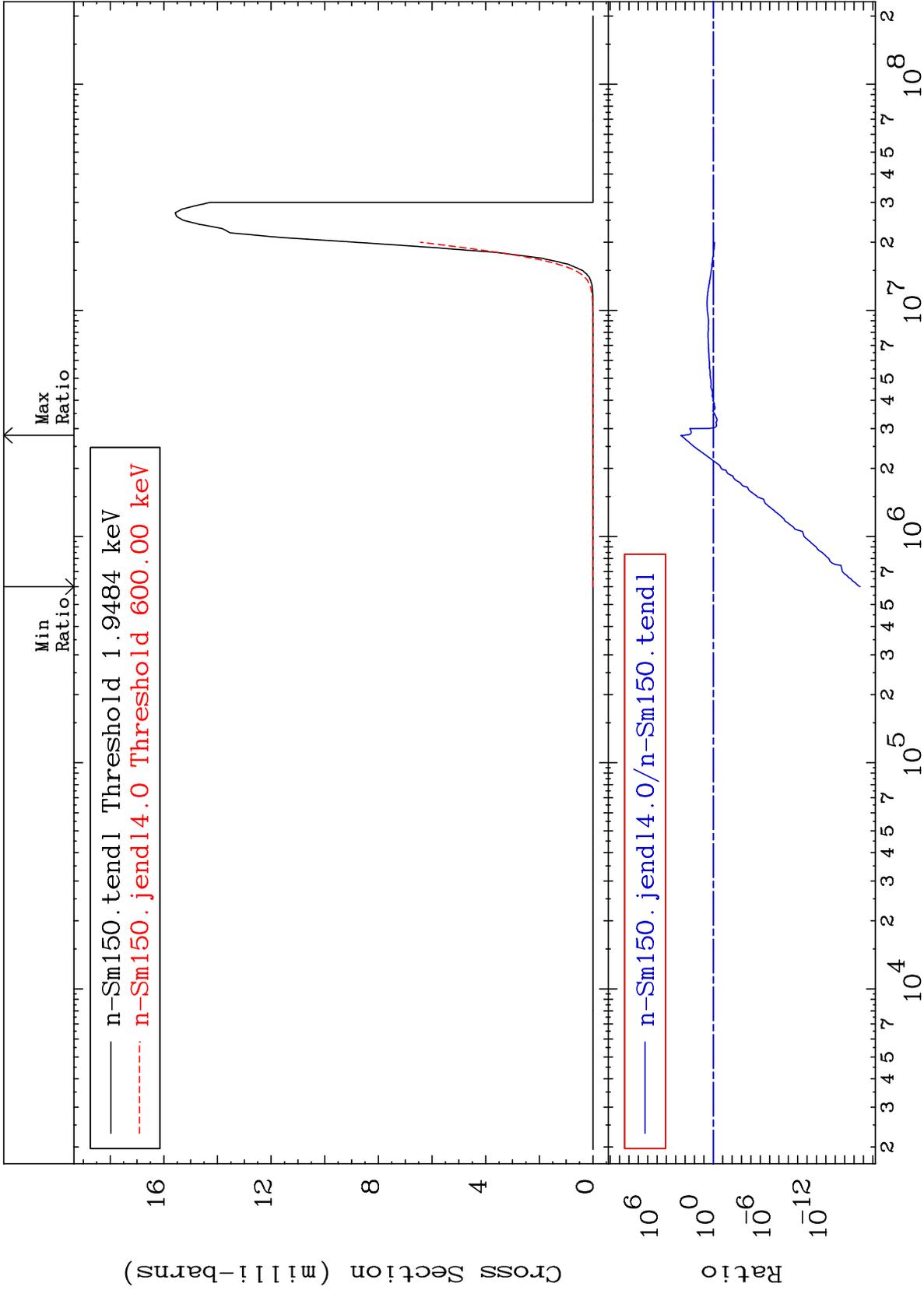
62-Sm-150
-12.43 To 220.1 %



MAT 6243

(n, n') α
Cross Section

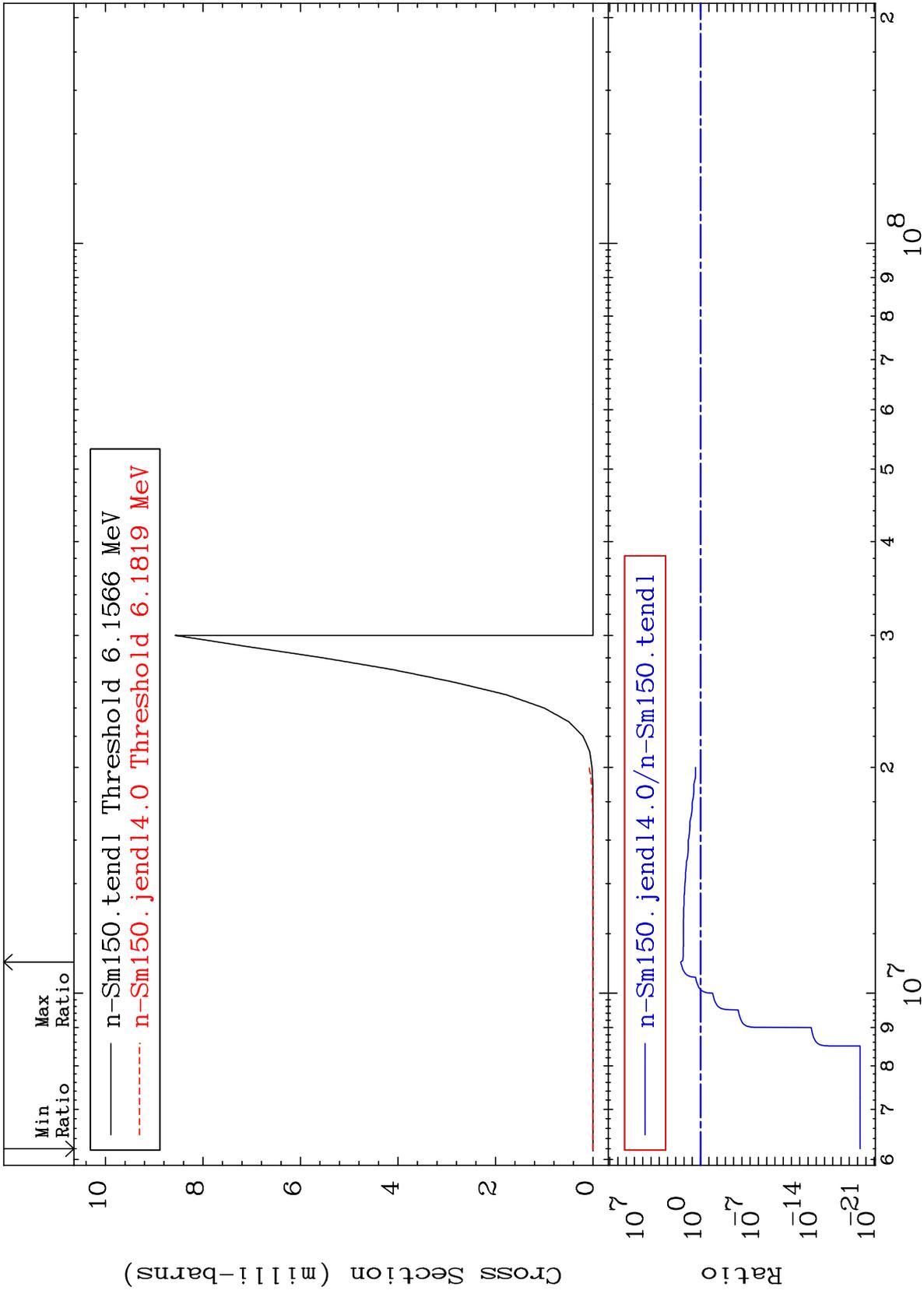
62-Sm-150
-100.0 To 9999. %



MAT 6243

(n,2n) α
Cross Section

62-Sm-150
-100.0 To 9999. %



7

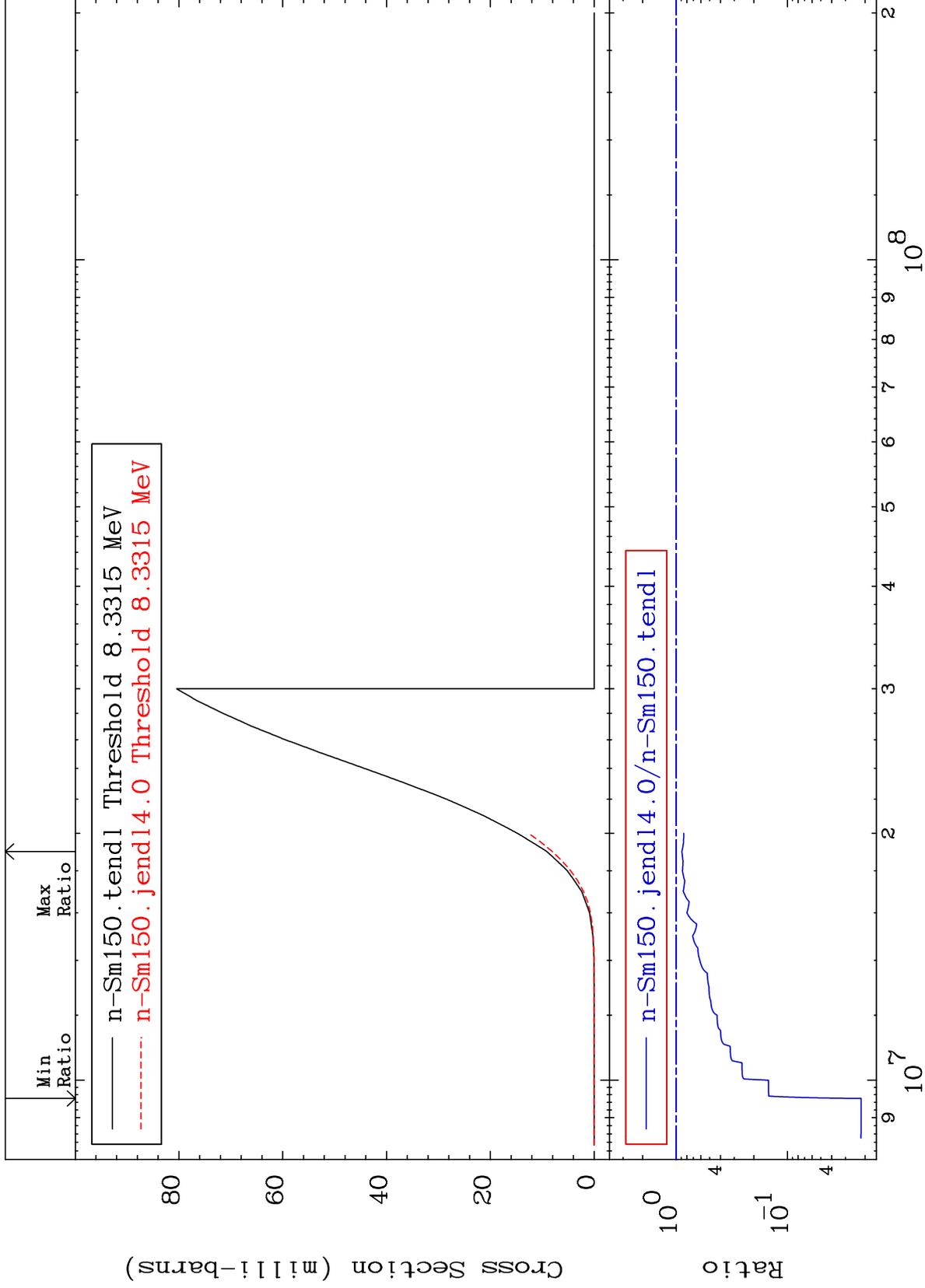
Incident Energy (eV)

62-Sm-150

MAT 6243

(n,n') p
Cross Section

62-Sm-150
-97.83 To -11.27%



8

Incident Energy (eV)

62-Sm-150

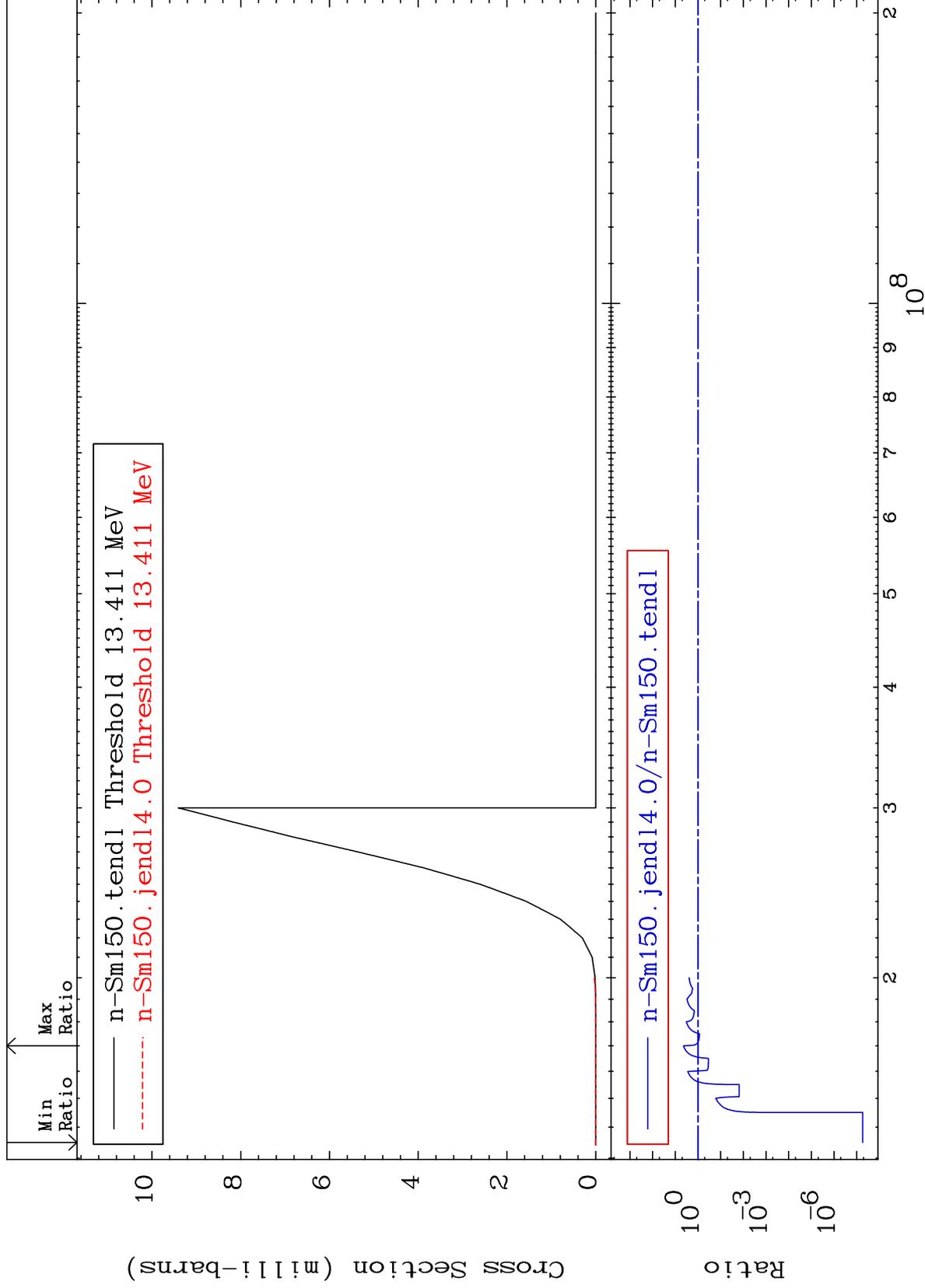
MAT 6243

(n,n') d

62-Sm-150

Cross Section

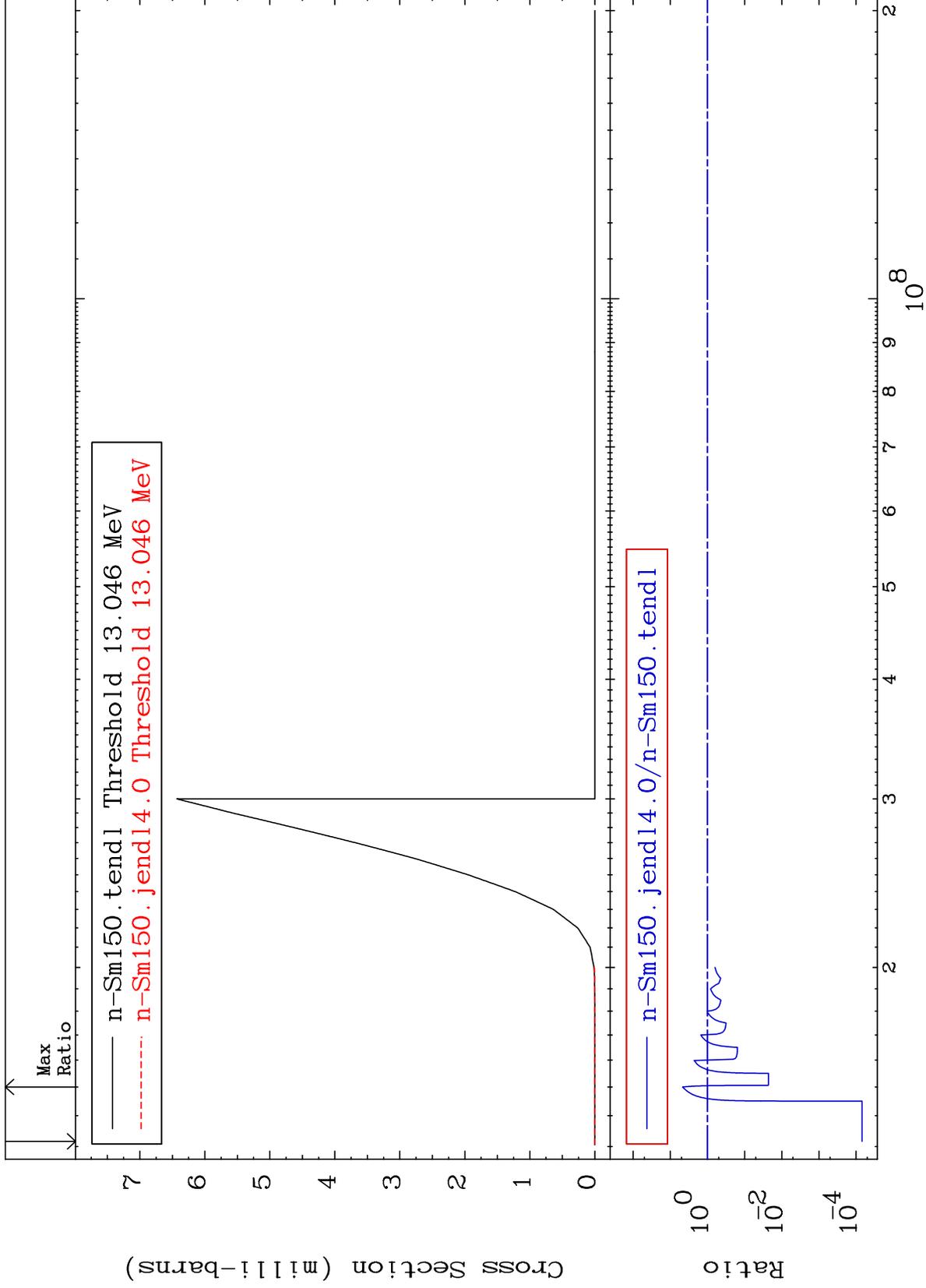
-100.0 To 335.3 %



MAT 6243

(n,n') t
Cross Section

62-Sm-150
-99.99 To 366.3 %



10

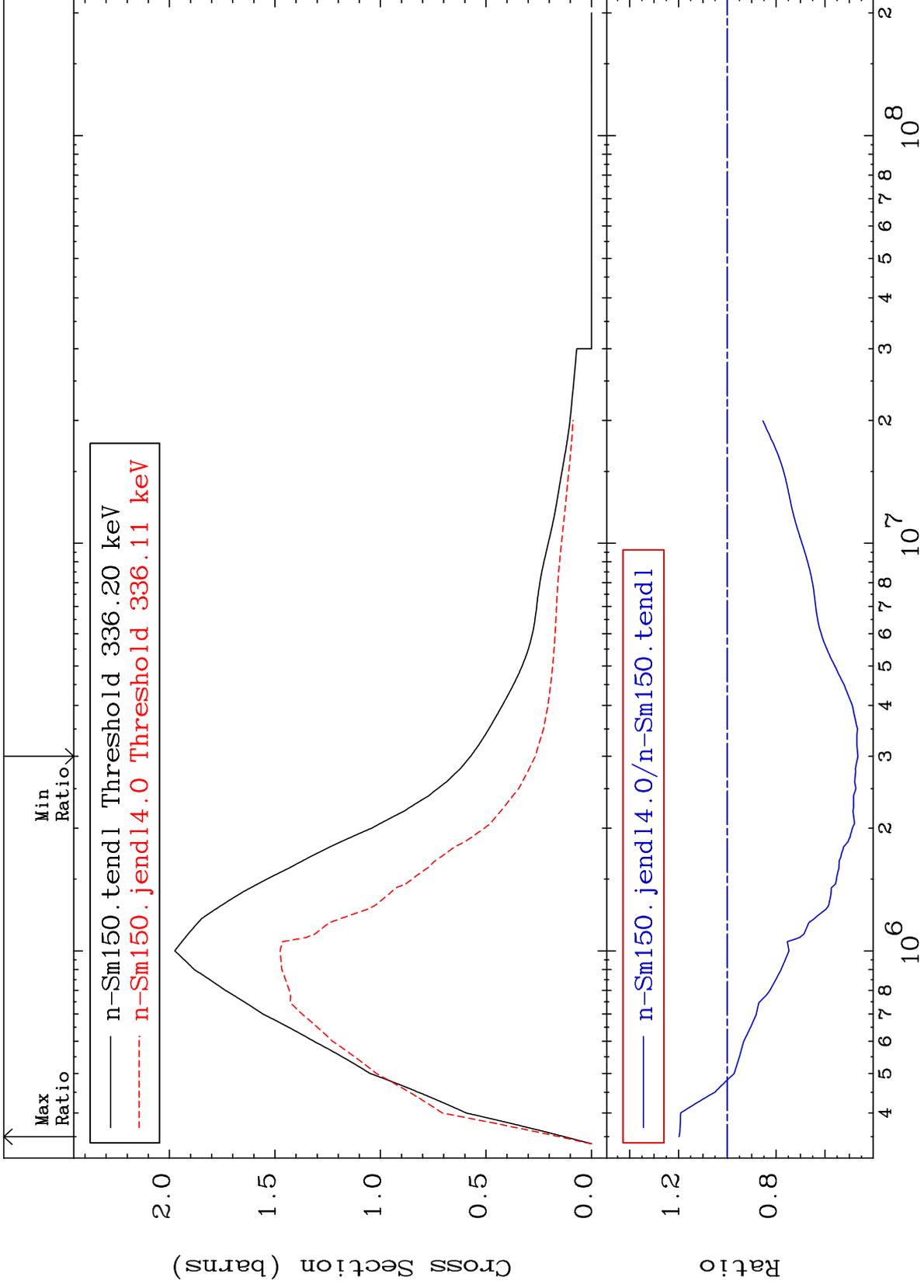
Incident Energy (eV)

62-Sm-150

MAT 6243

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

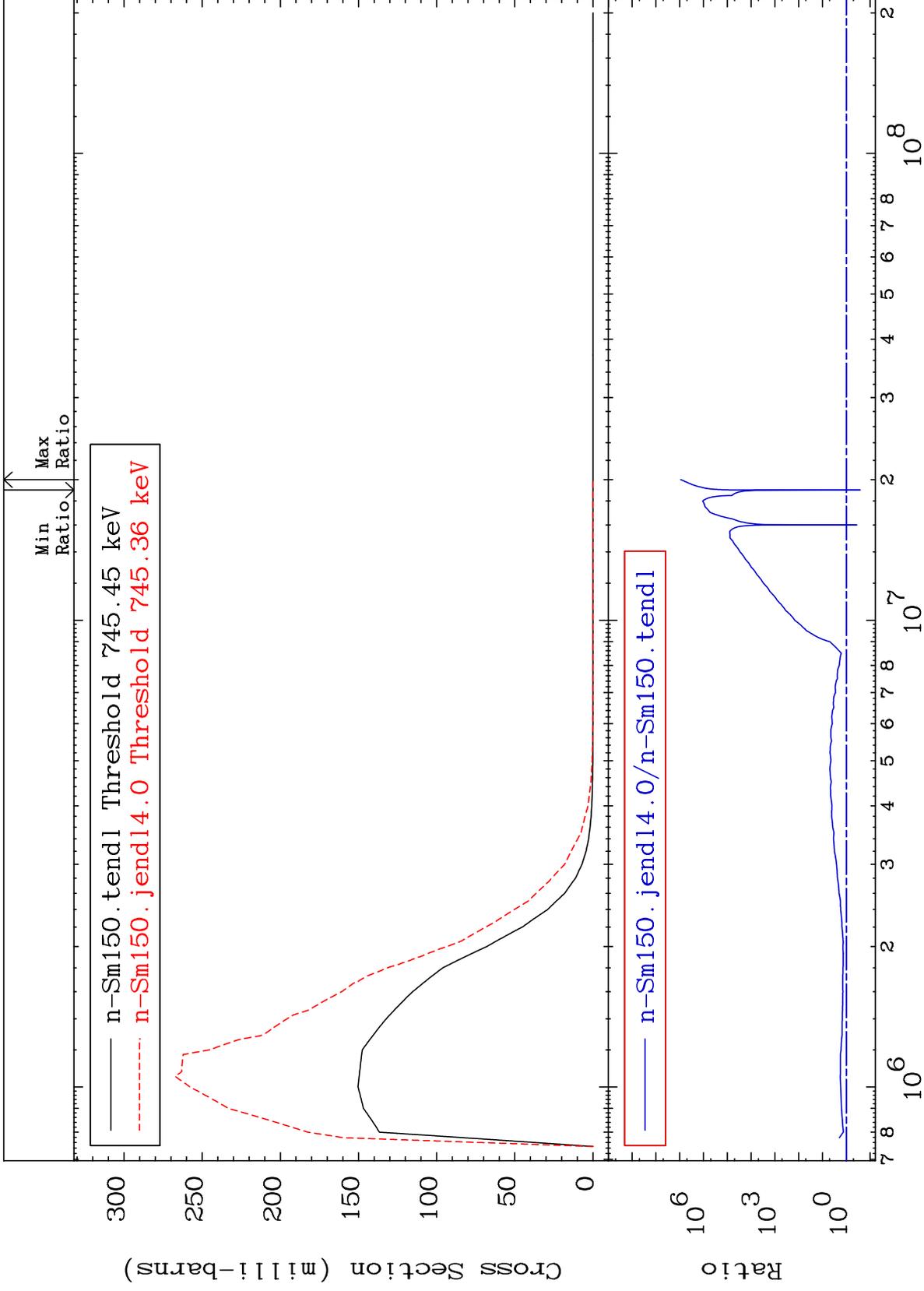
62-Sm-150
-53.53 To 19.77 %



MAT 6243

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

62-Sm-150
-73.67 To 9999. %



12

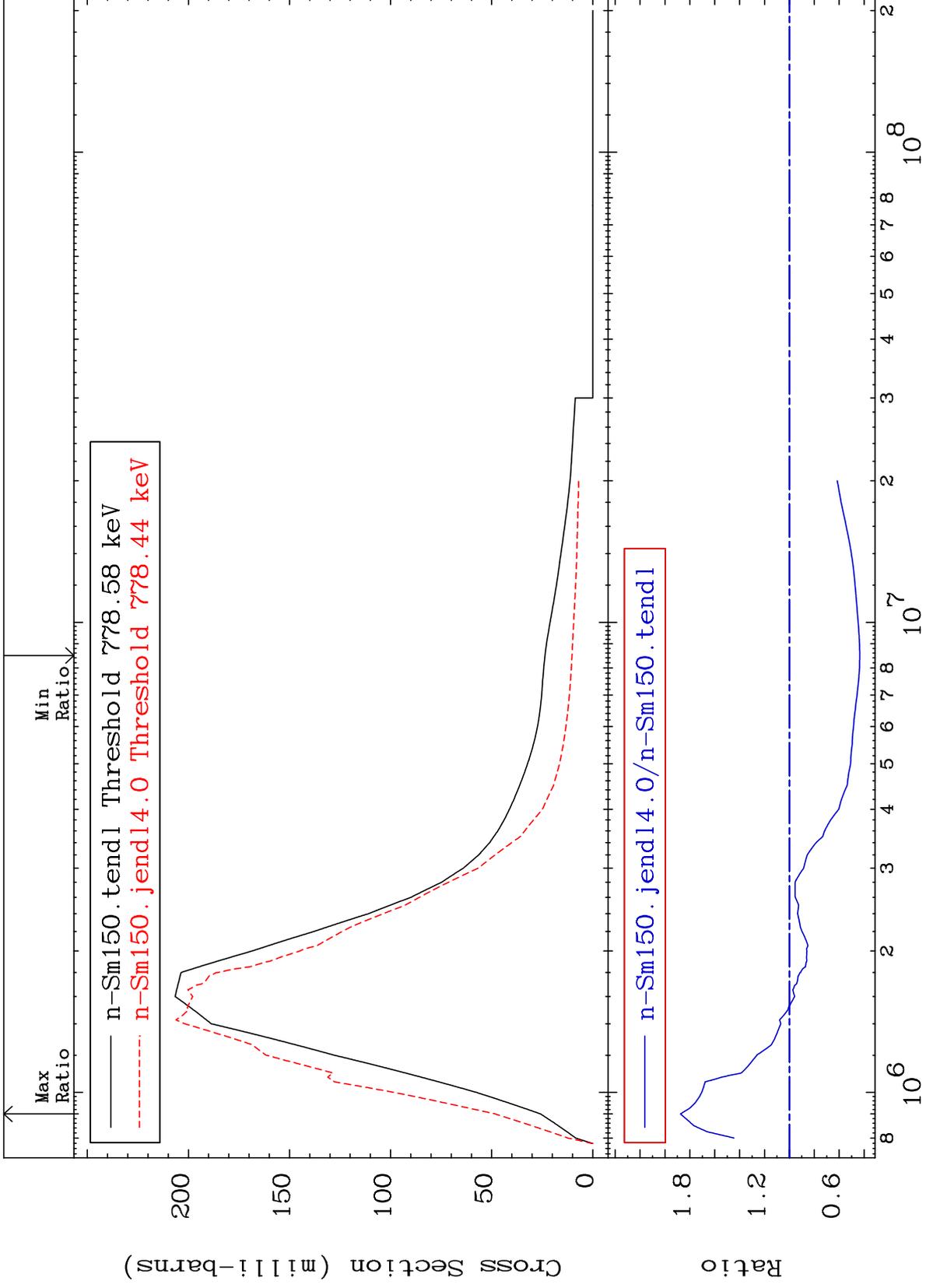
Incident Energy (eV)

62-Sm-150

MAT 6243

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

62-Sm-150
-56.55 To 87.49 %



13

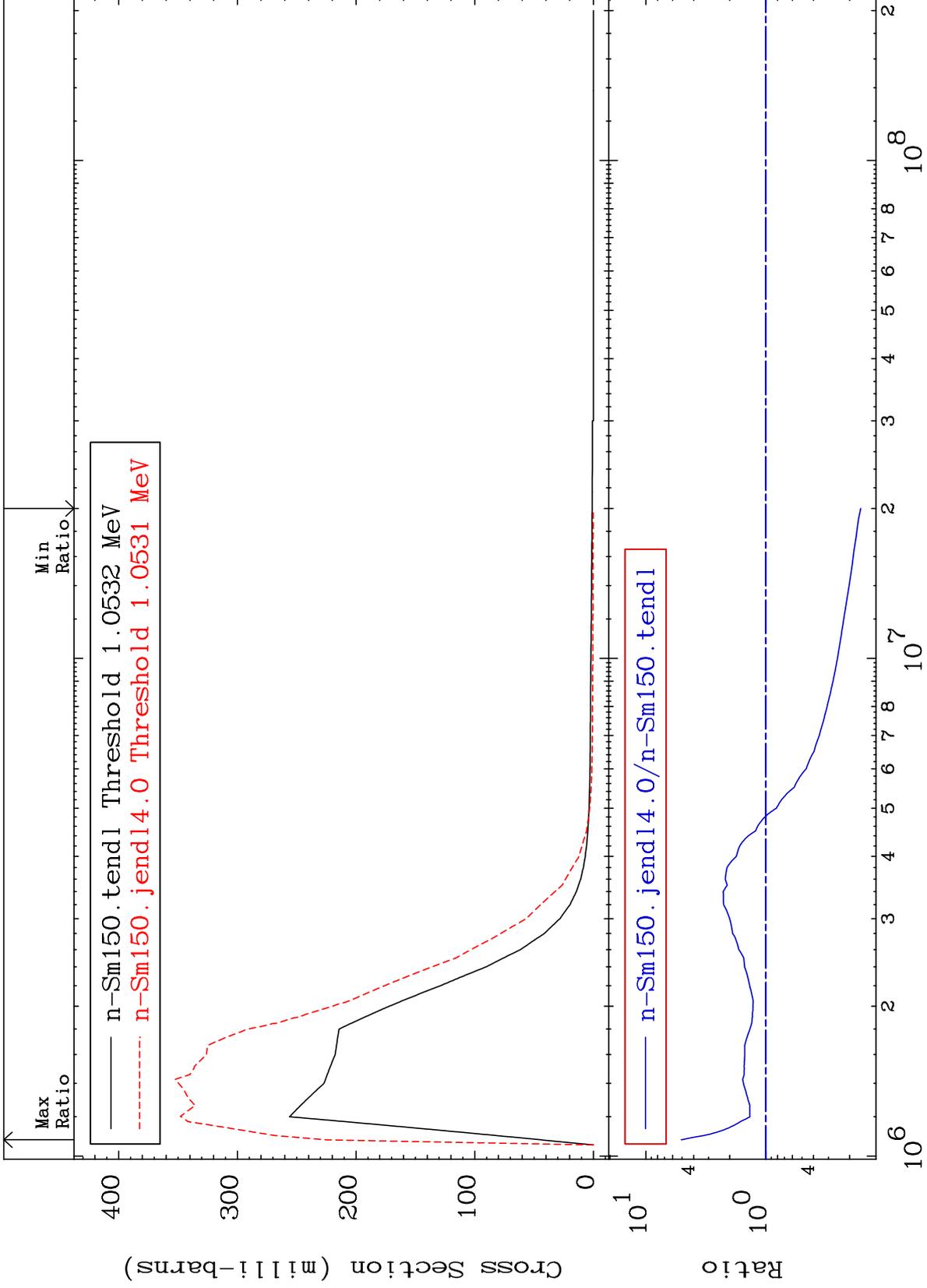
Incident Energy (eV)

62-Sm-150

MAT 6243

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

62-Sm-150
-83.84 To 407.5 %



14

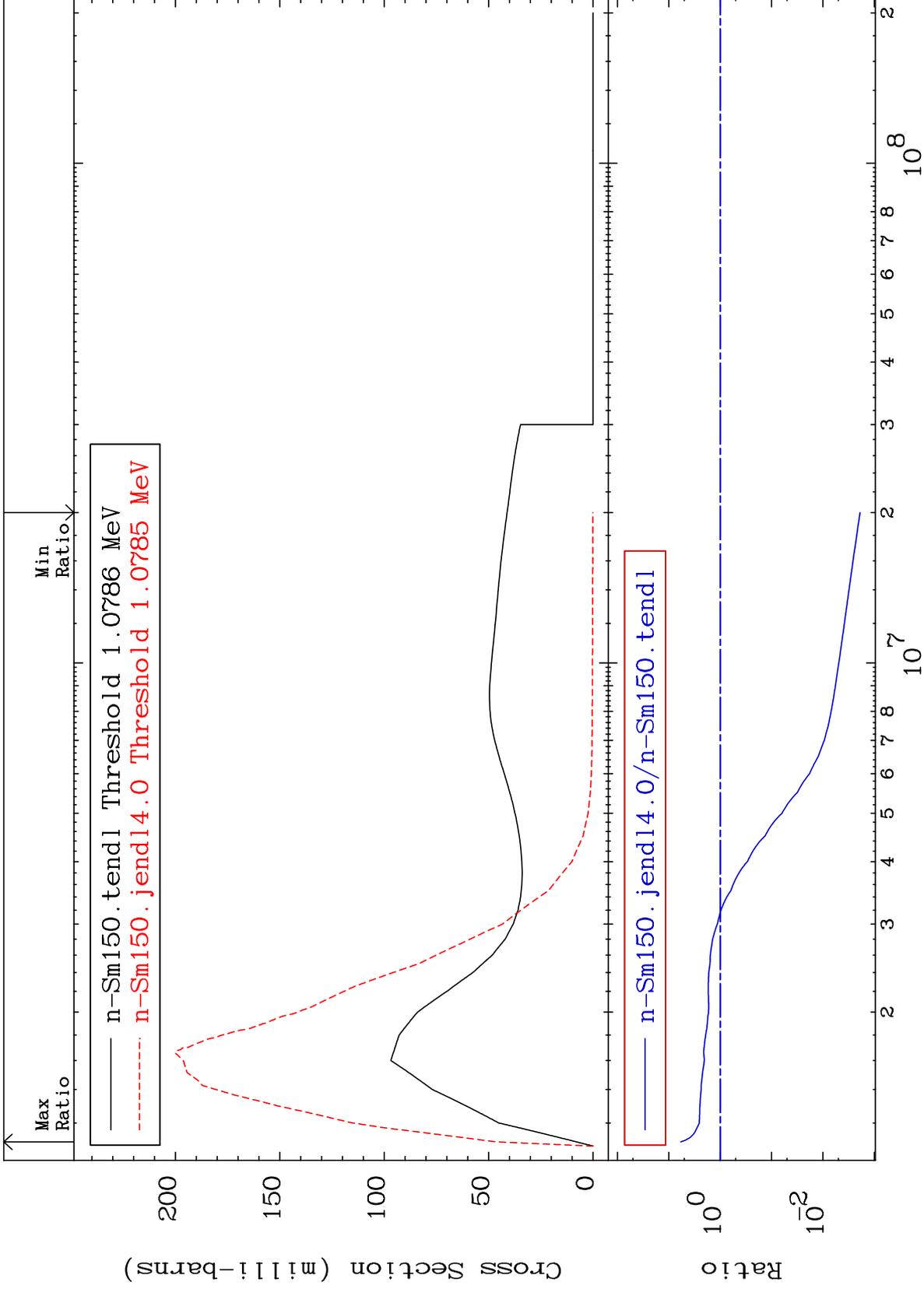
Incident Energy (eV)

62-Sm-150

MAT 6243

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

62-Sm-150
-99.81 To 484.6 %



15

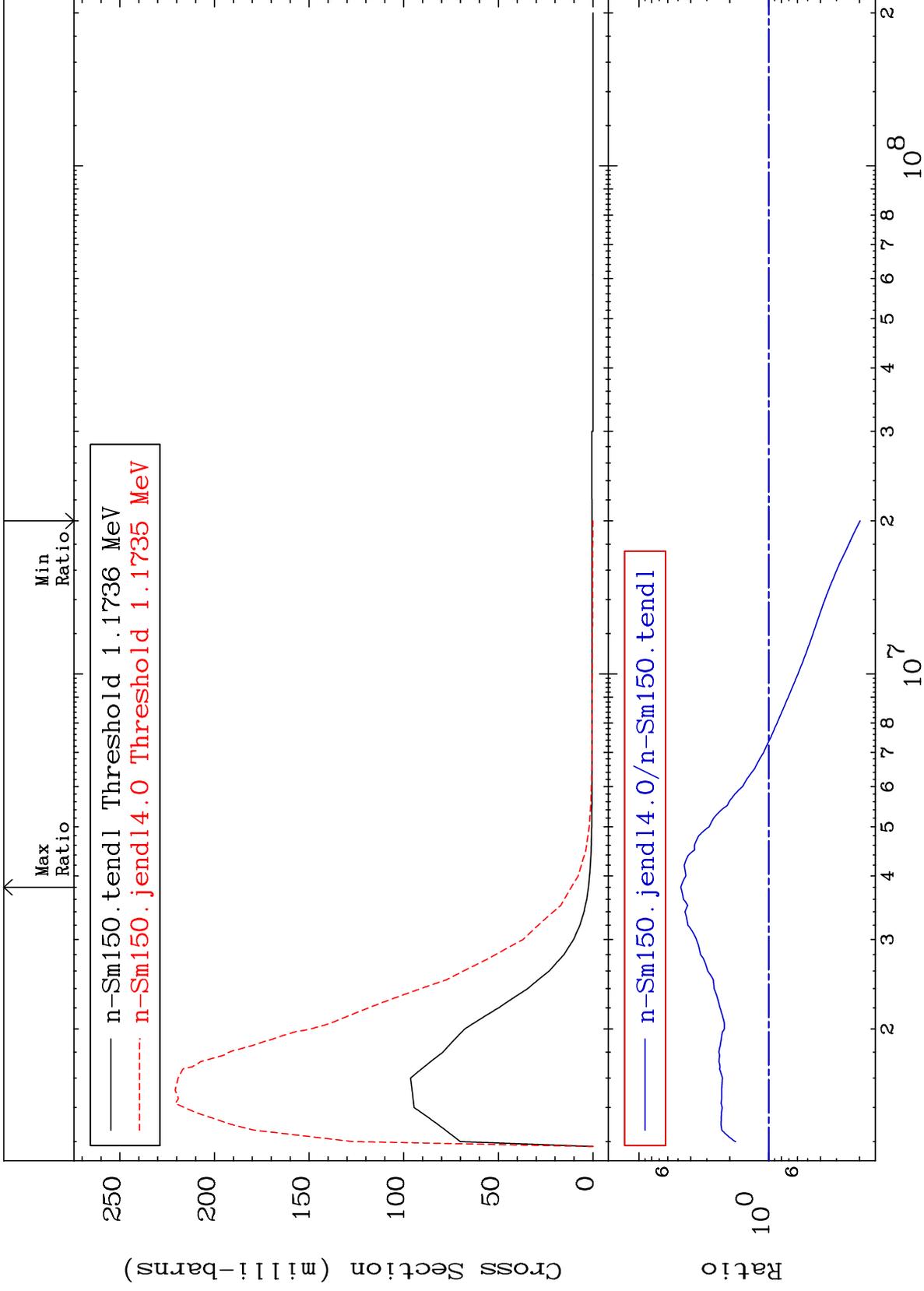
Incident Energy (eV)

62-Sm-150

MAT 6243

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

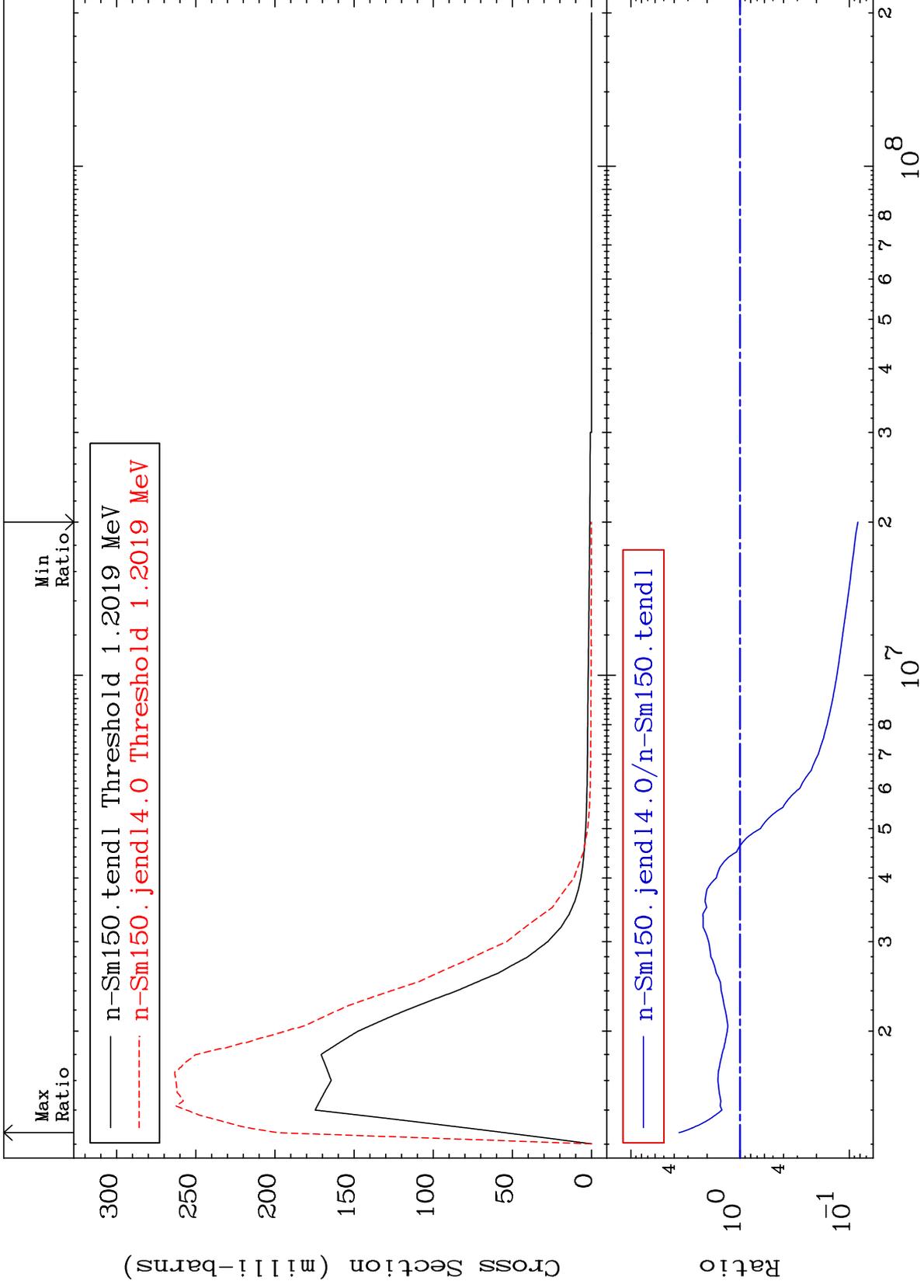
62-Sm-150
-80.25 To 376.7 %



MAT 6243

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

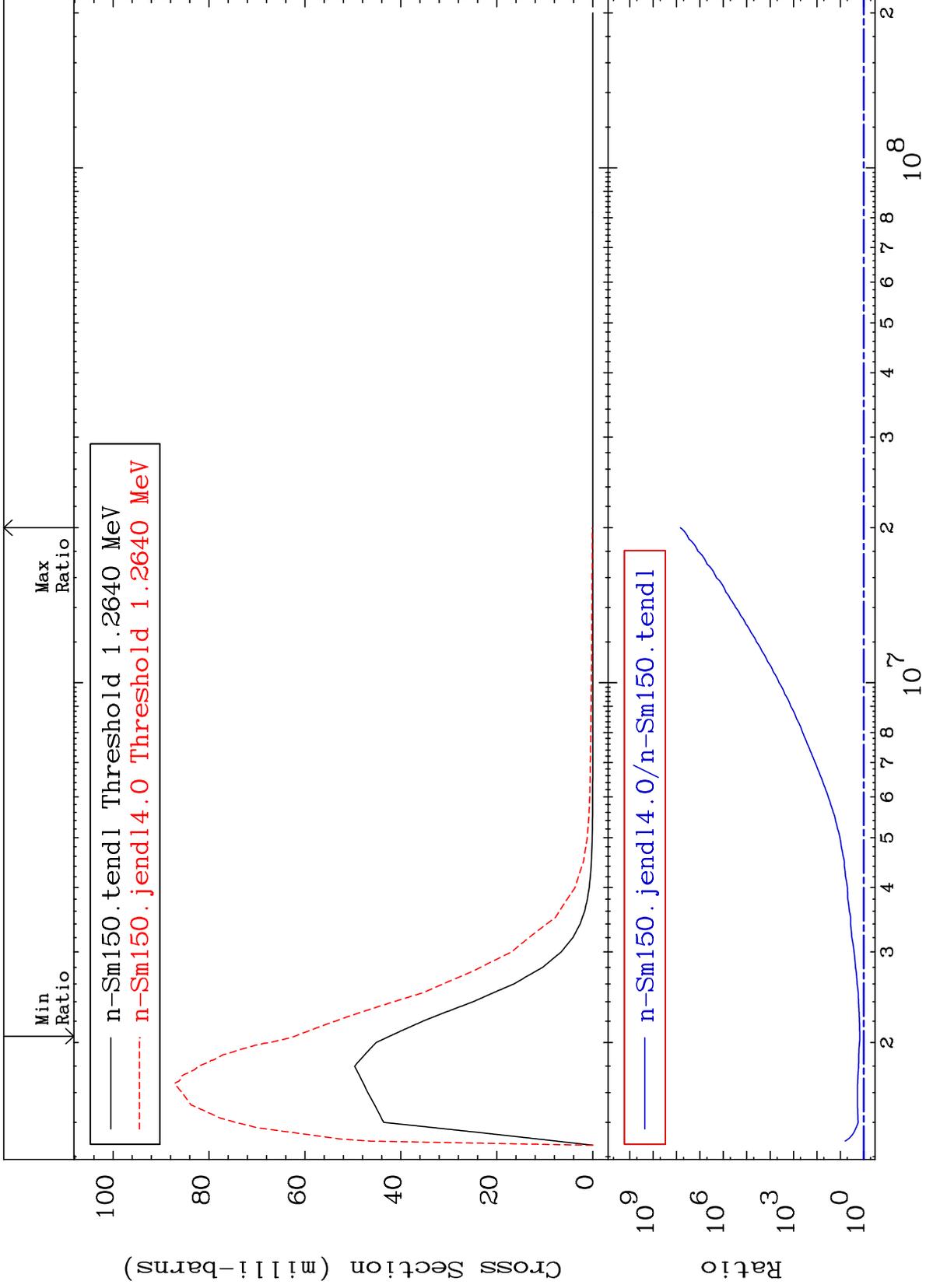
62-Sm-150
-91.66 To 262.0 %



MAT 6243

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

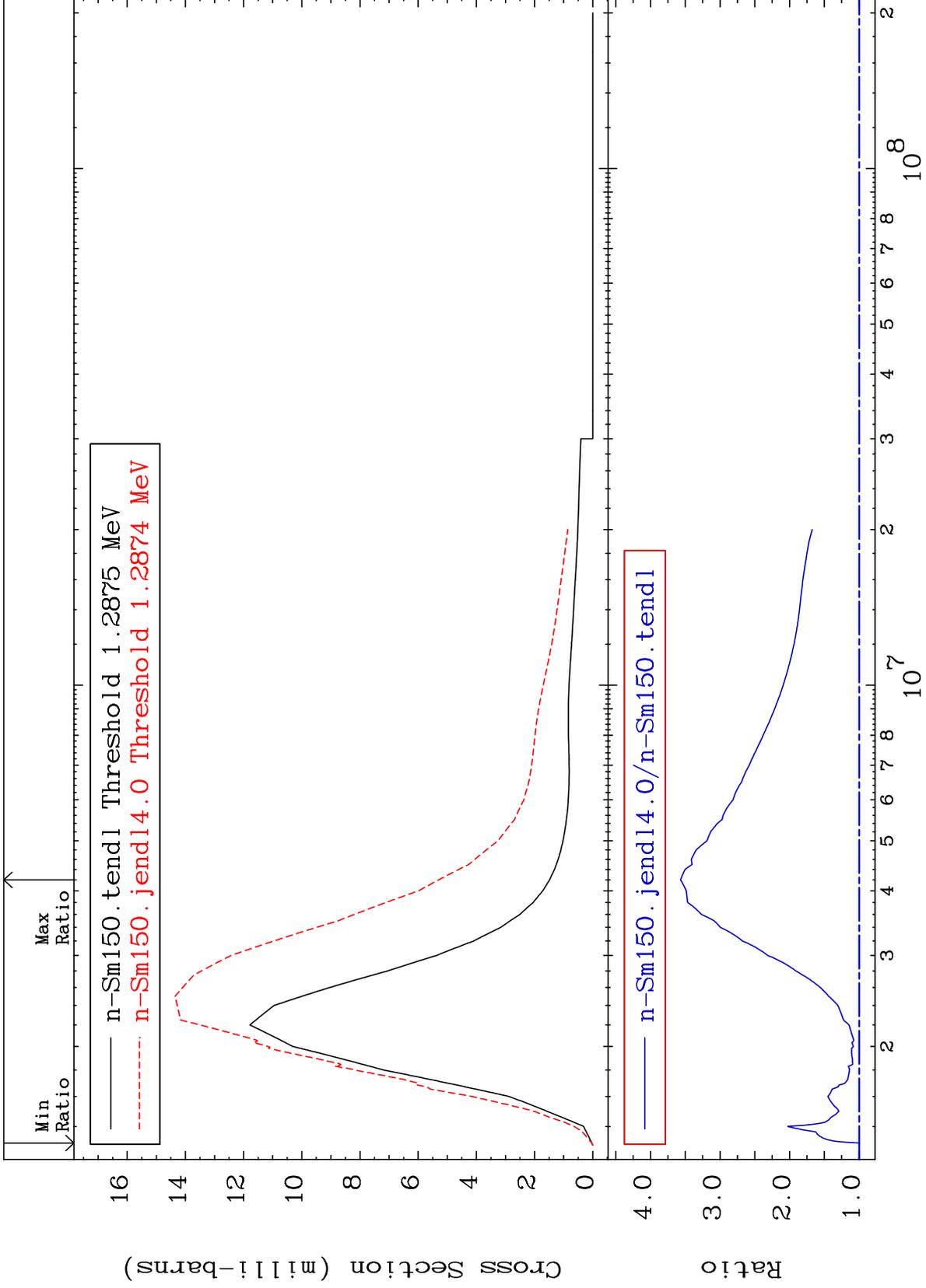
62-Sm-150
46.69 To 9999. %



MAT 6243

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

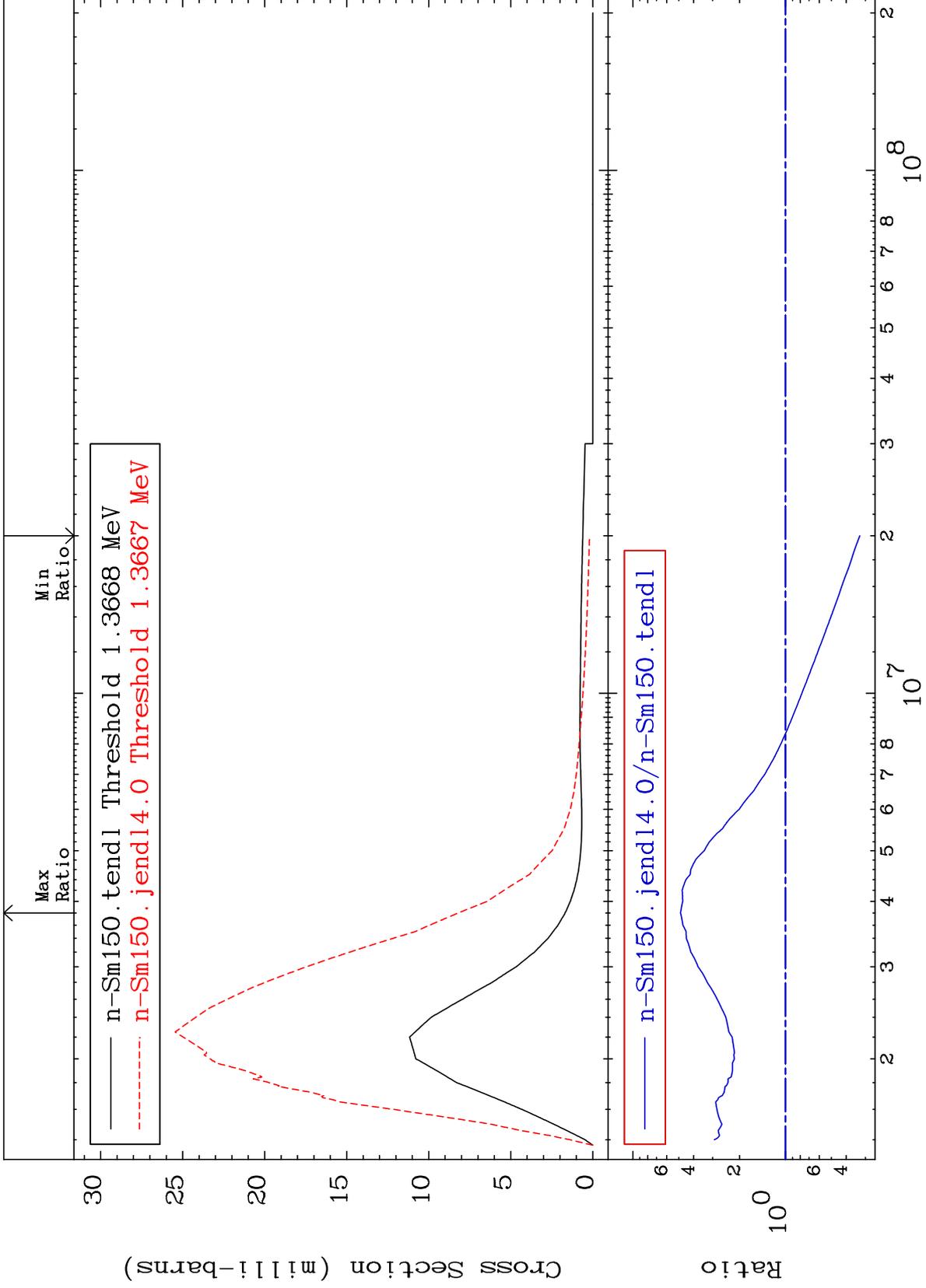
62-Sm-150
-1.001 To 256.9 %



MAT 6243

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

62-Sm-150
-67.38 To 387.1 %



20

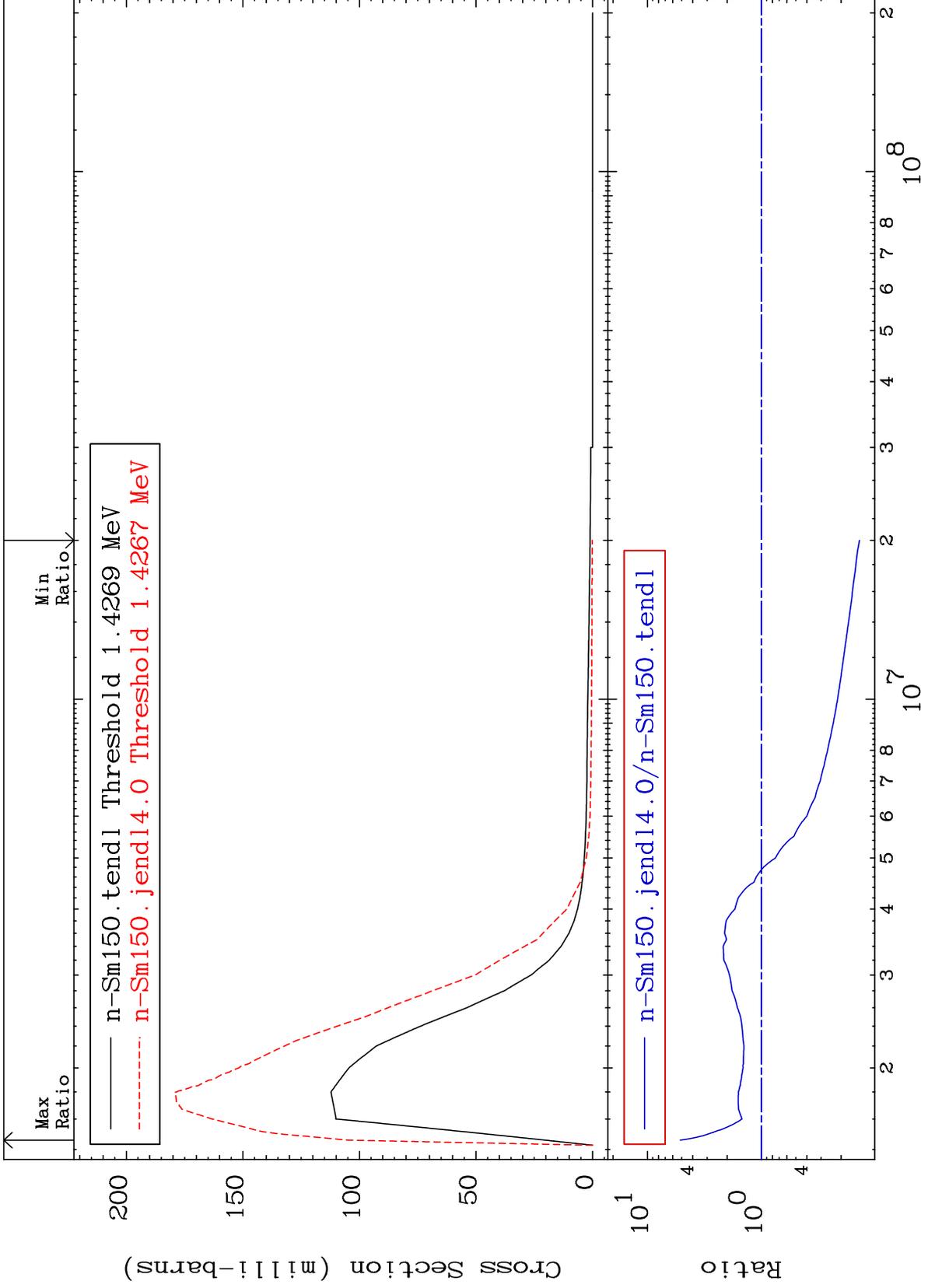
62-Sm-150

62-Sm-150

MAT 6243

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

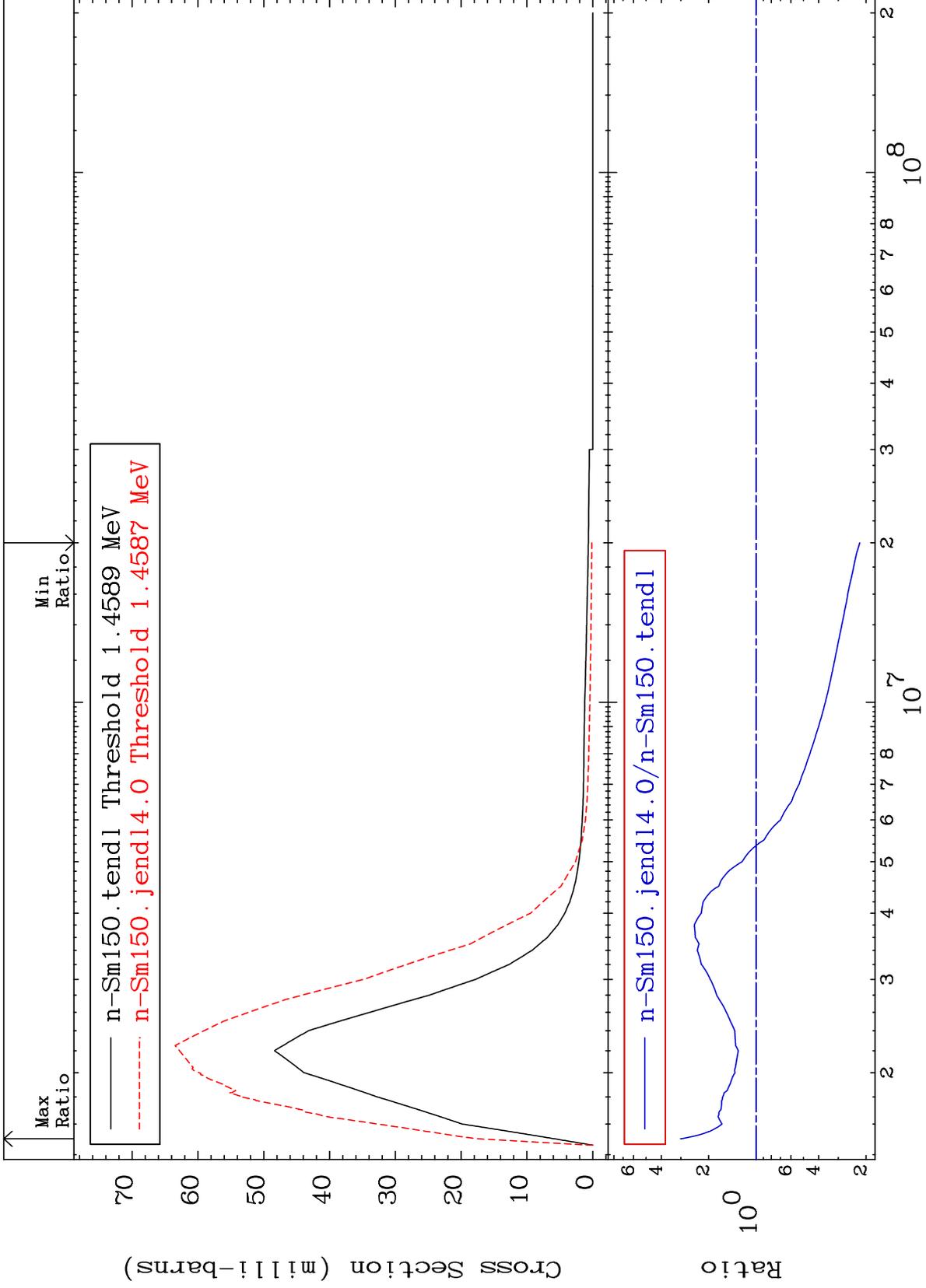
62-Sm-150
-86.17 To 415.4 %



MAT 6243

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

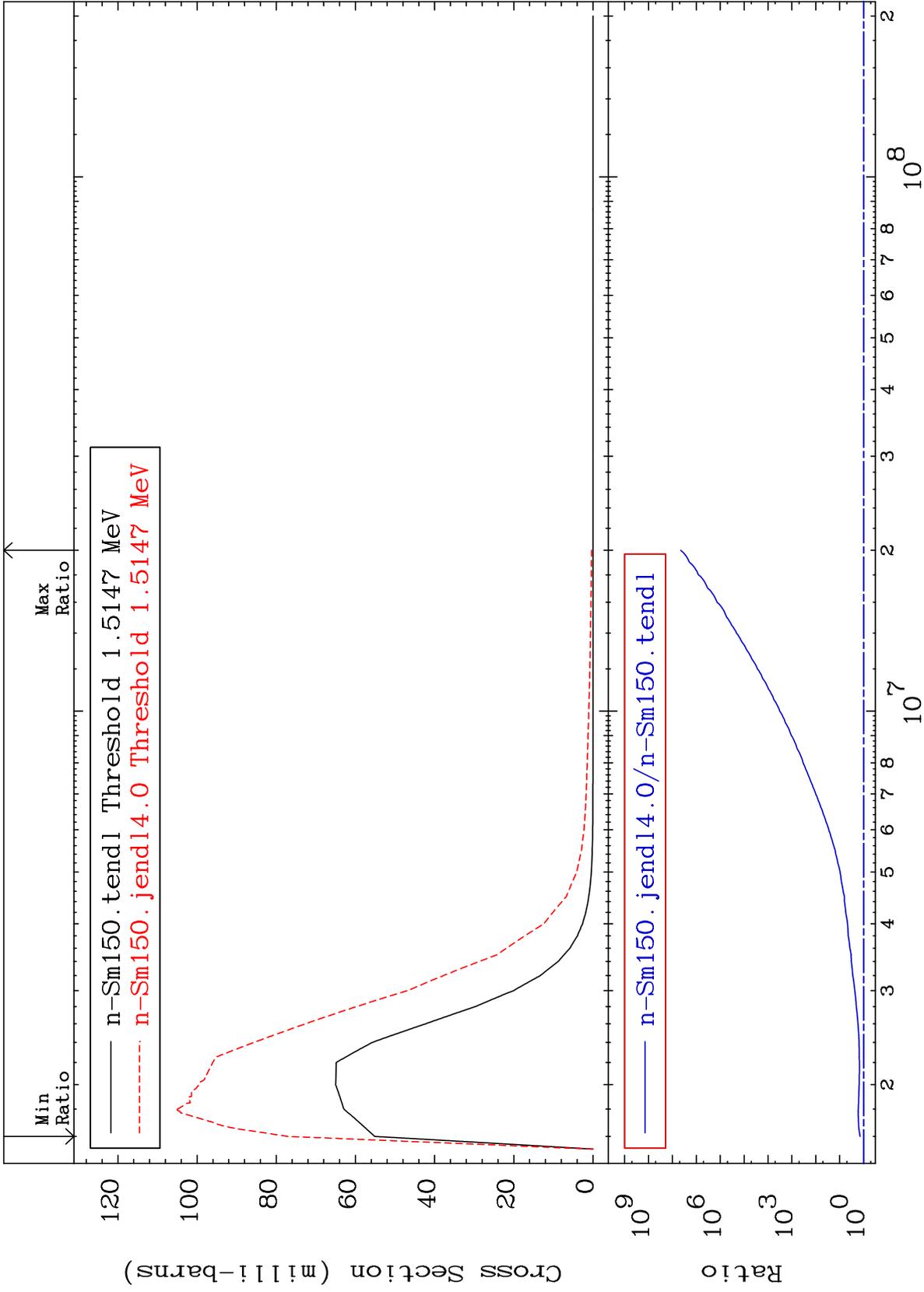
62-Sm-150
-78.07 To 202.0 %



MAT 6243

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

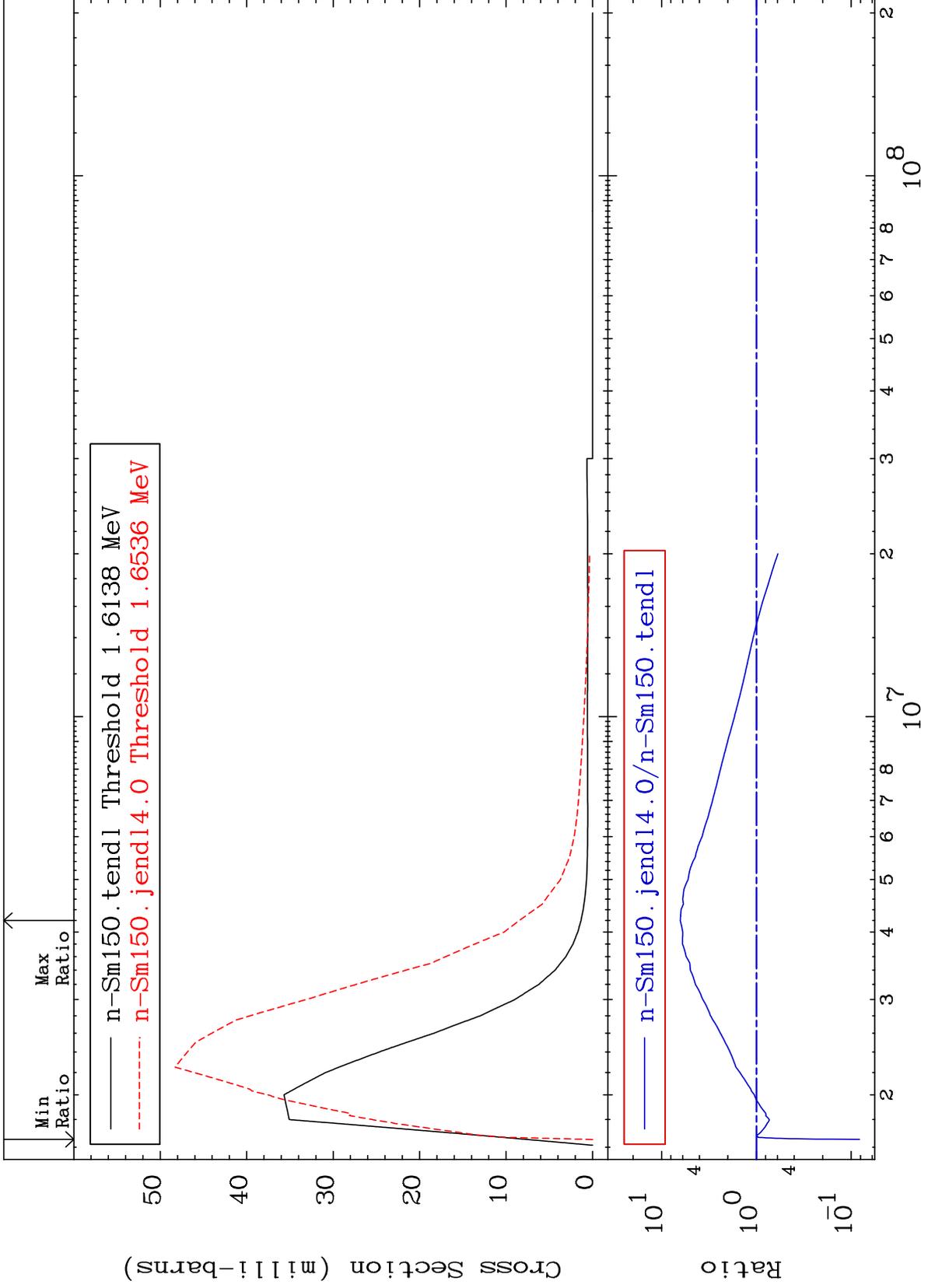
62-Sm-150
39.87 To 9999. %



MAT 6243

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

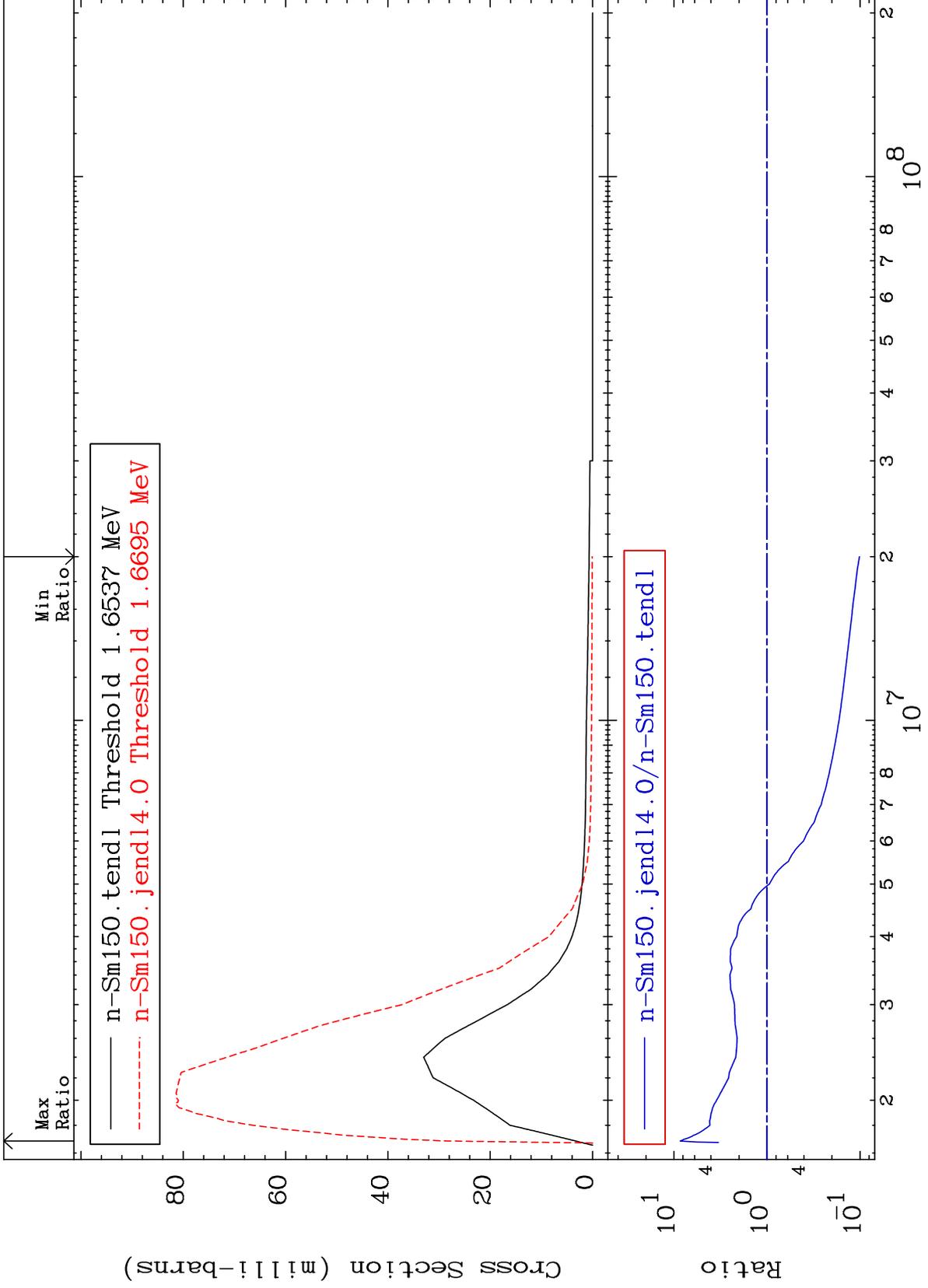
62-Sm-150
-91.82 To 535.8 %



MAT 6243

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

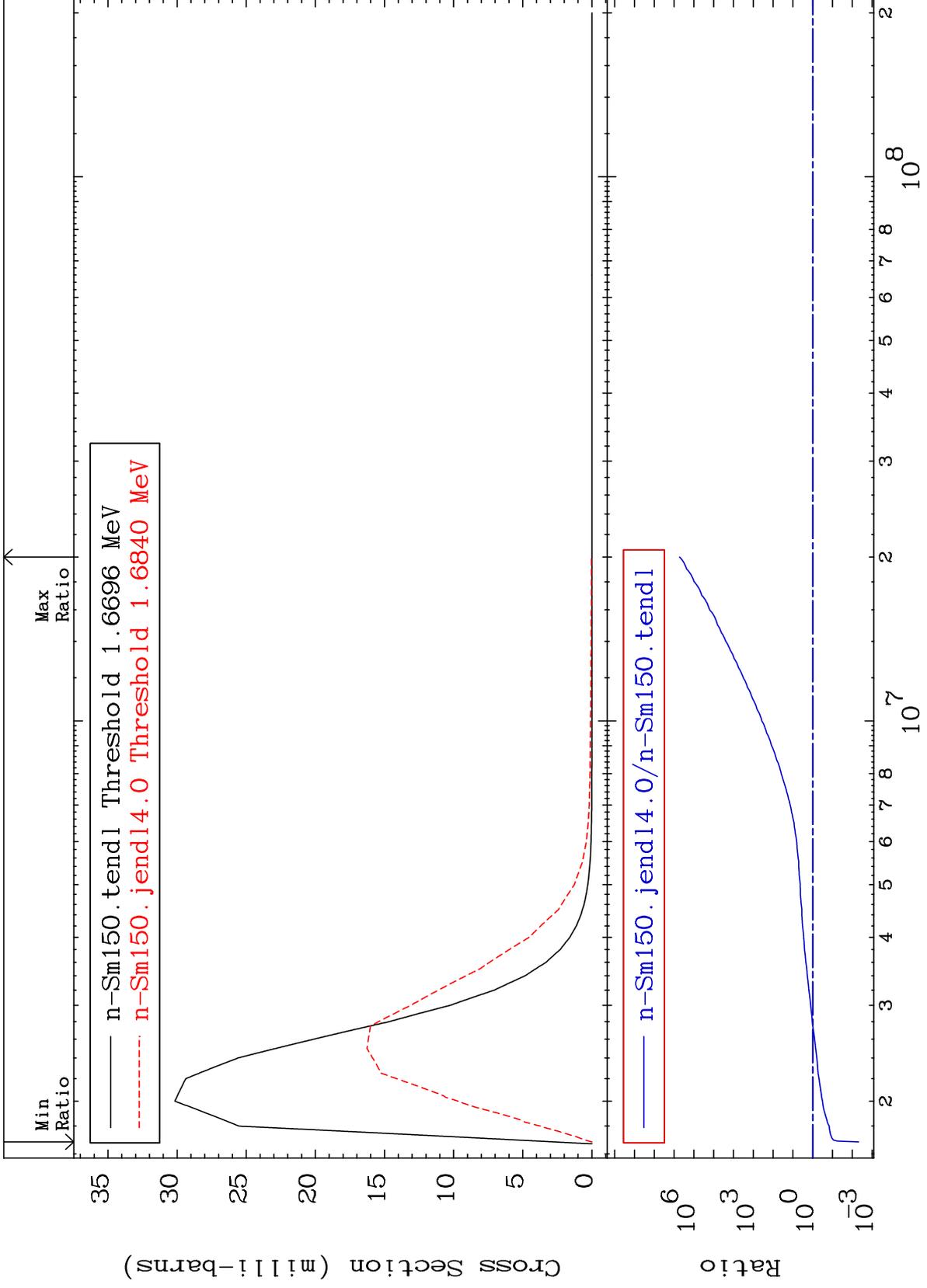
62-Sm-150
-89.86 To 755.9 %



MAT 6243

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

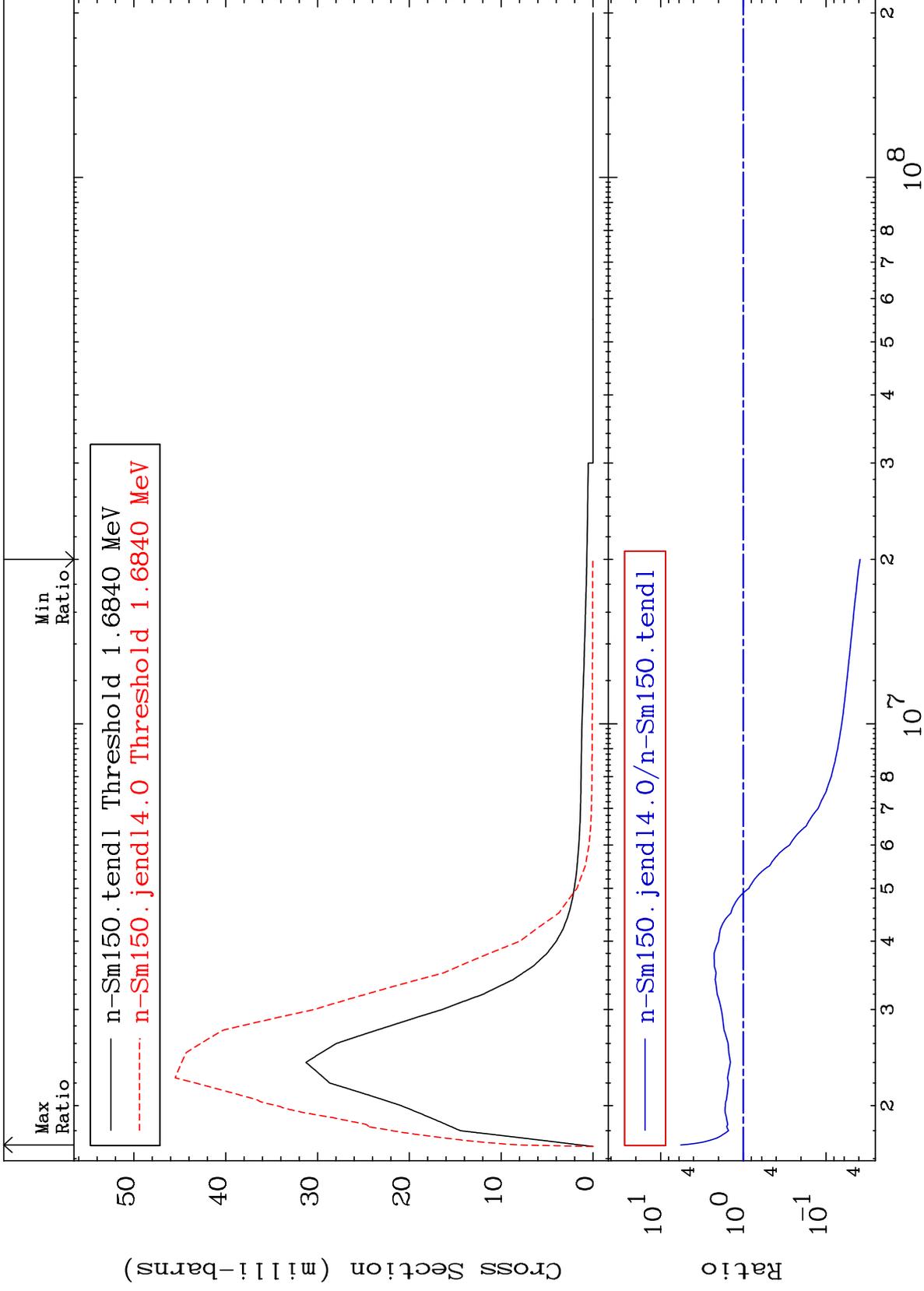
62-Sm-150
-99.51 To 9999. %



MAT 6243

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

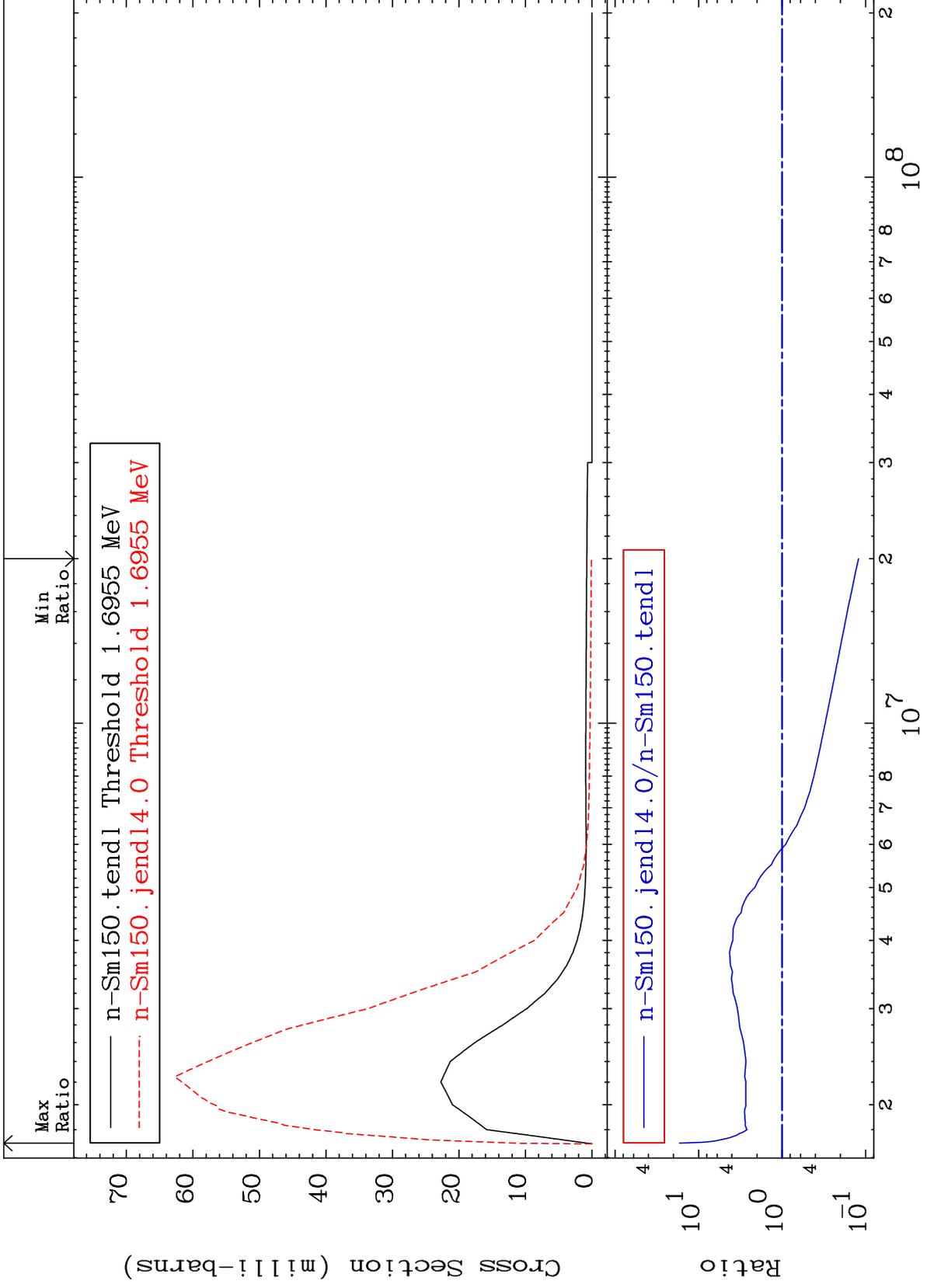
62-Sm-150
-96.14 To 471.0 %



MAT 6243

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

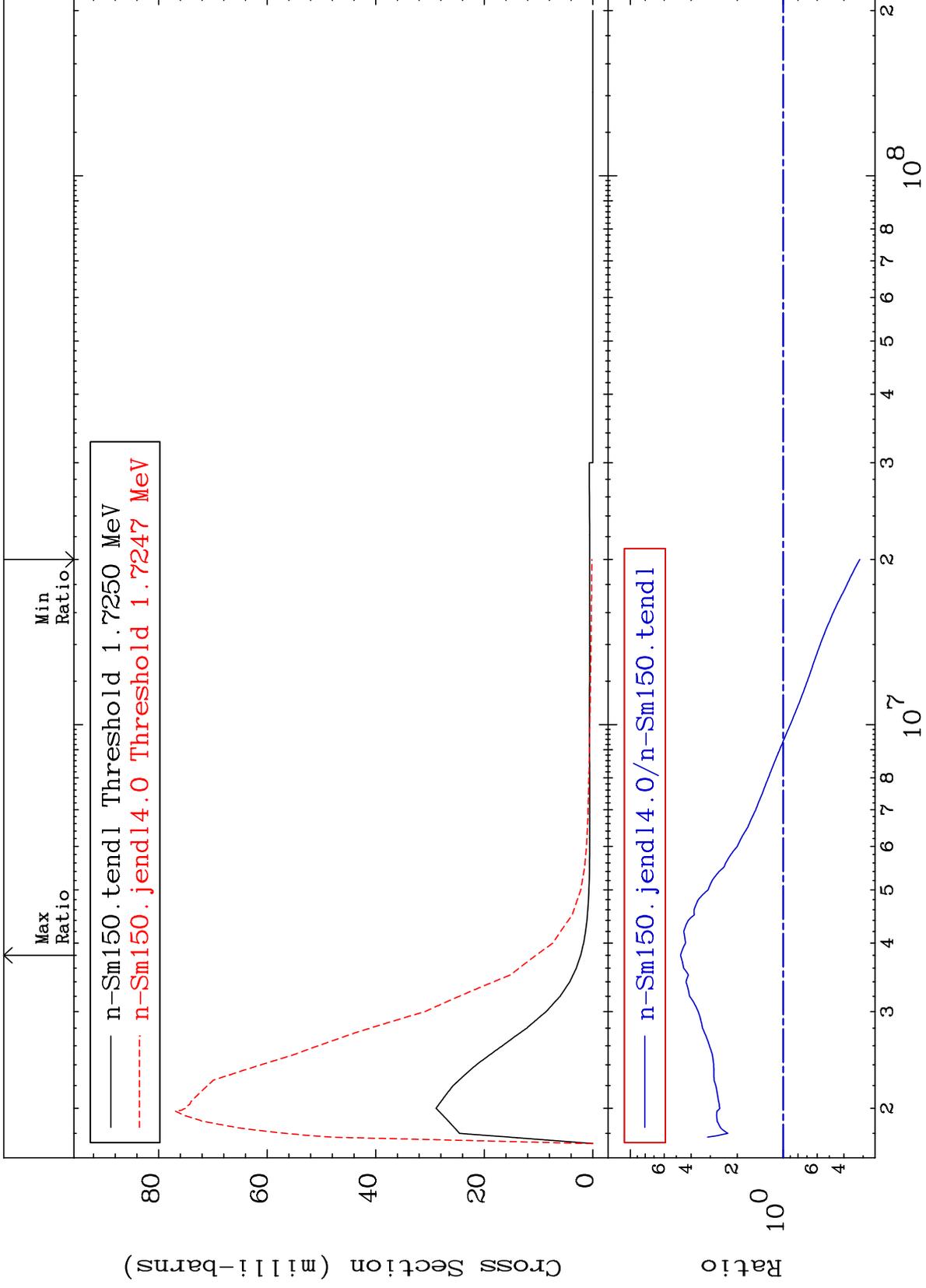
62-Sm-150
-87.87 To 1592. %



MAT 6243

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

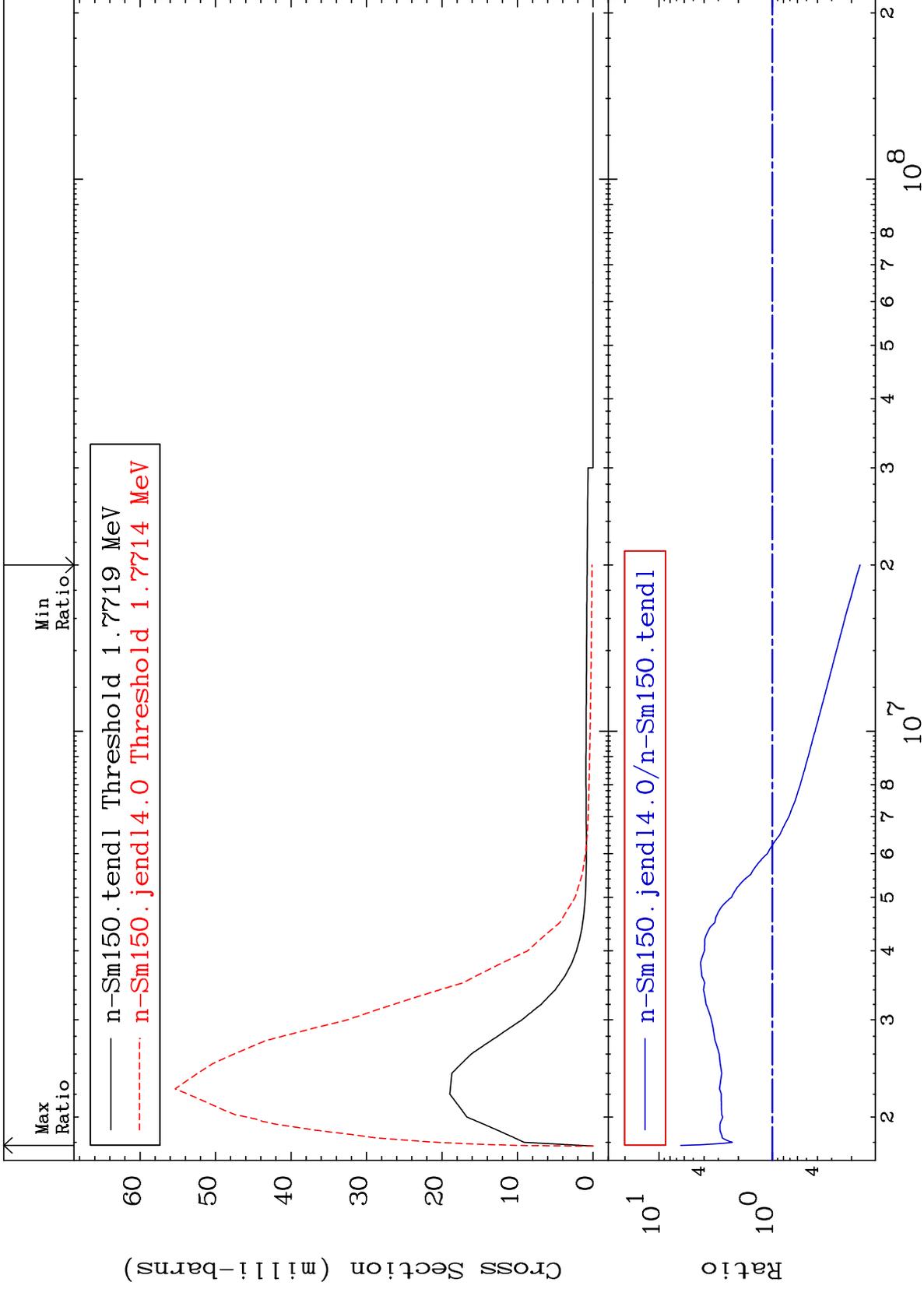
62-Sm-150
-68.46 To 369.6 %



MAT 6243

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

62-Sm-150
-83.17 To 543.6 %



30

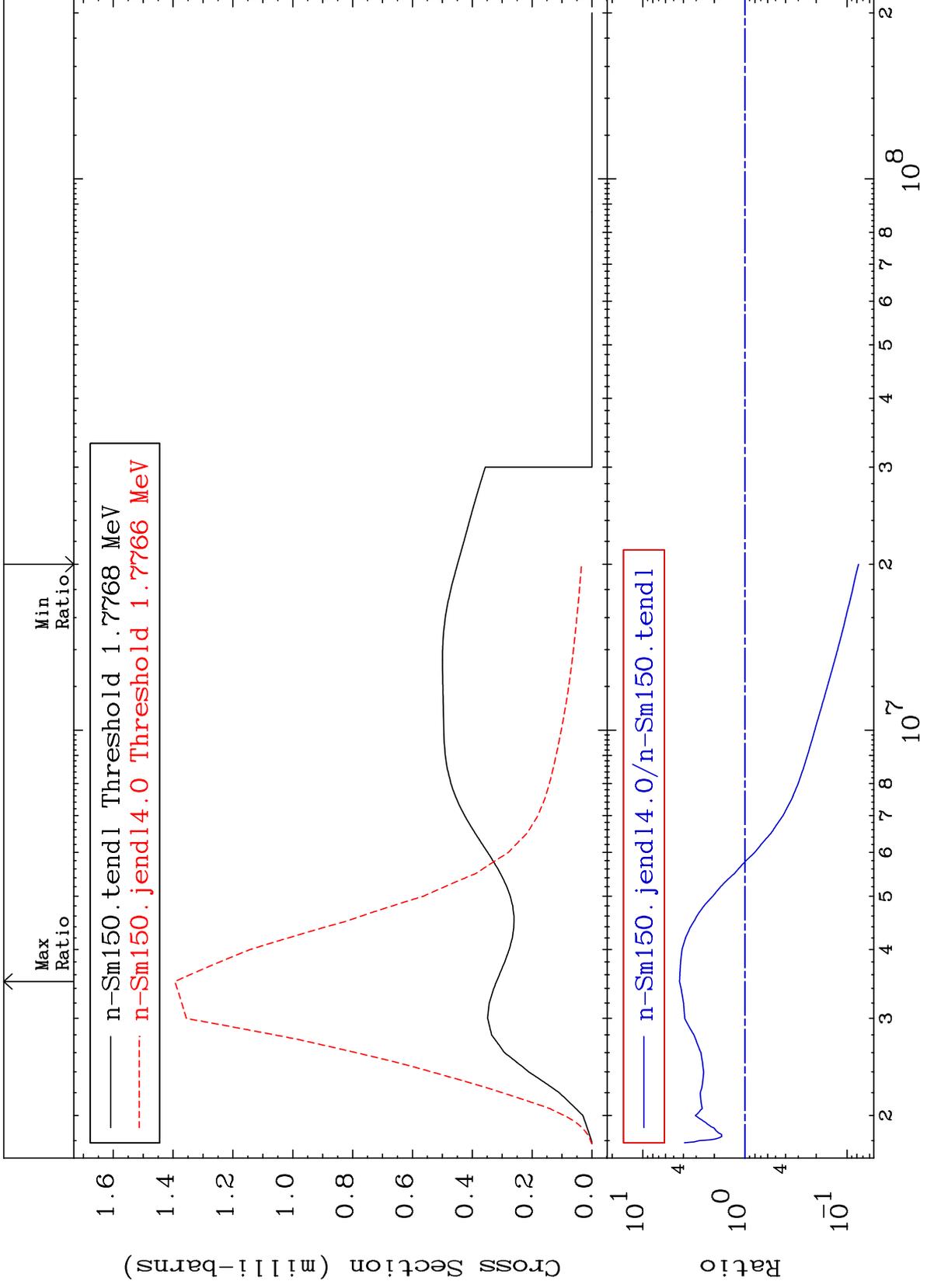
Incident Energy (eV)

62-Sm-150

MAT 6243

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

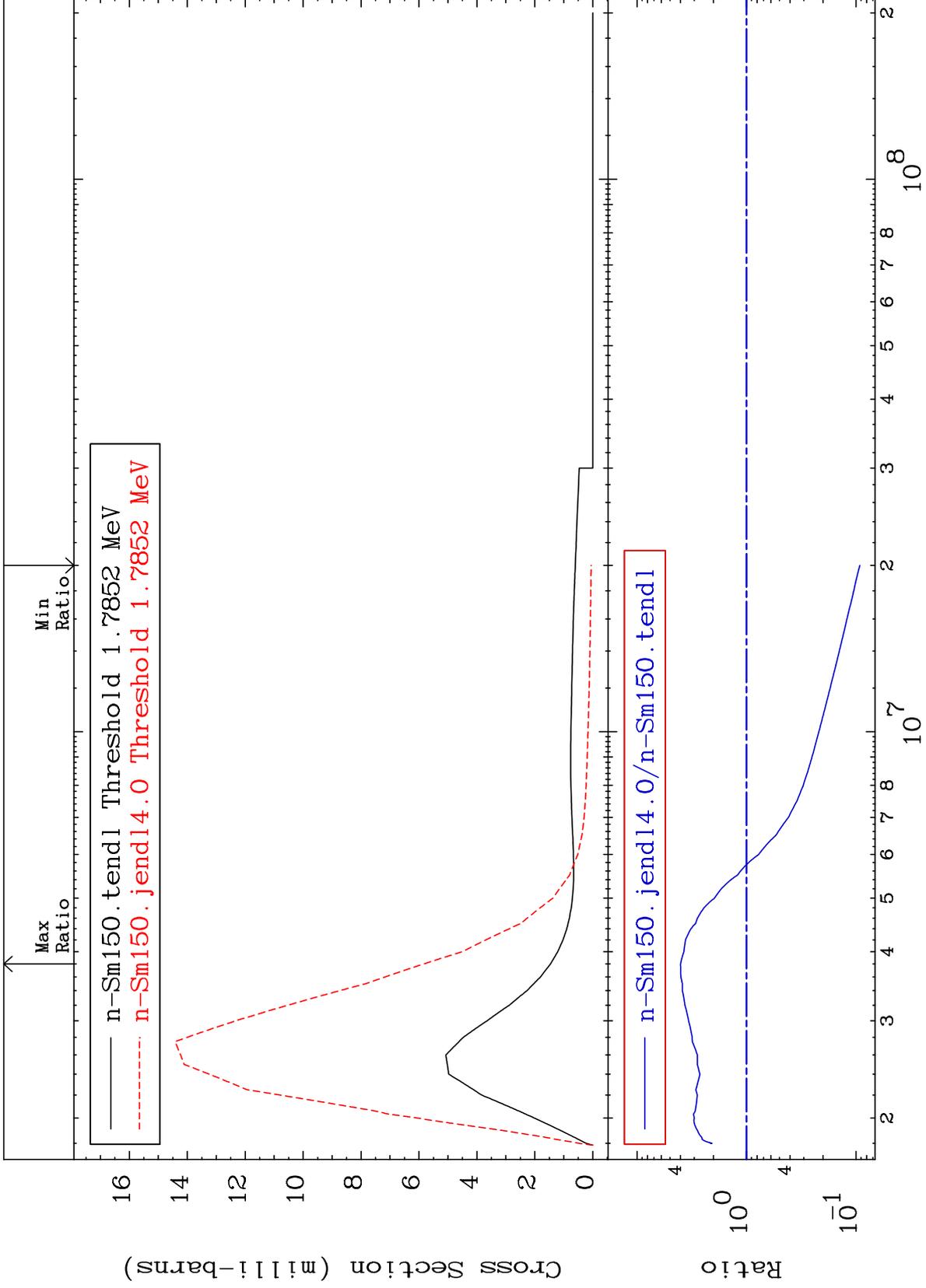
62-Sm-150
-92.29 To 337.4 %



MAT 6243

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

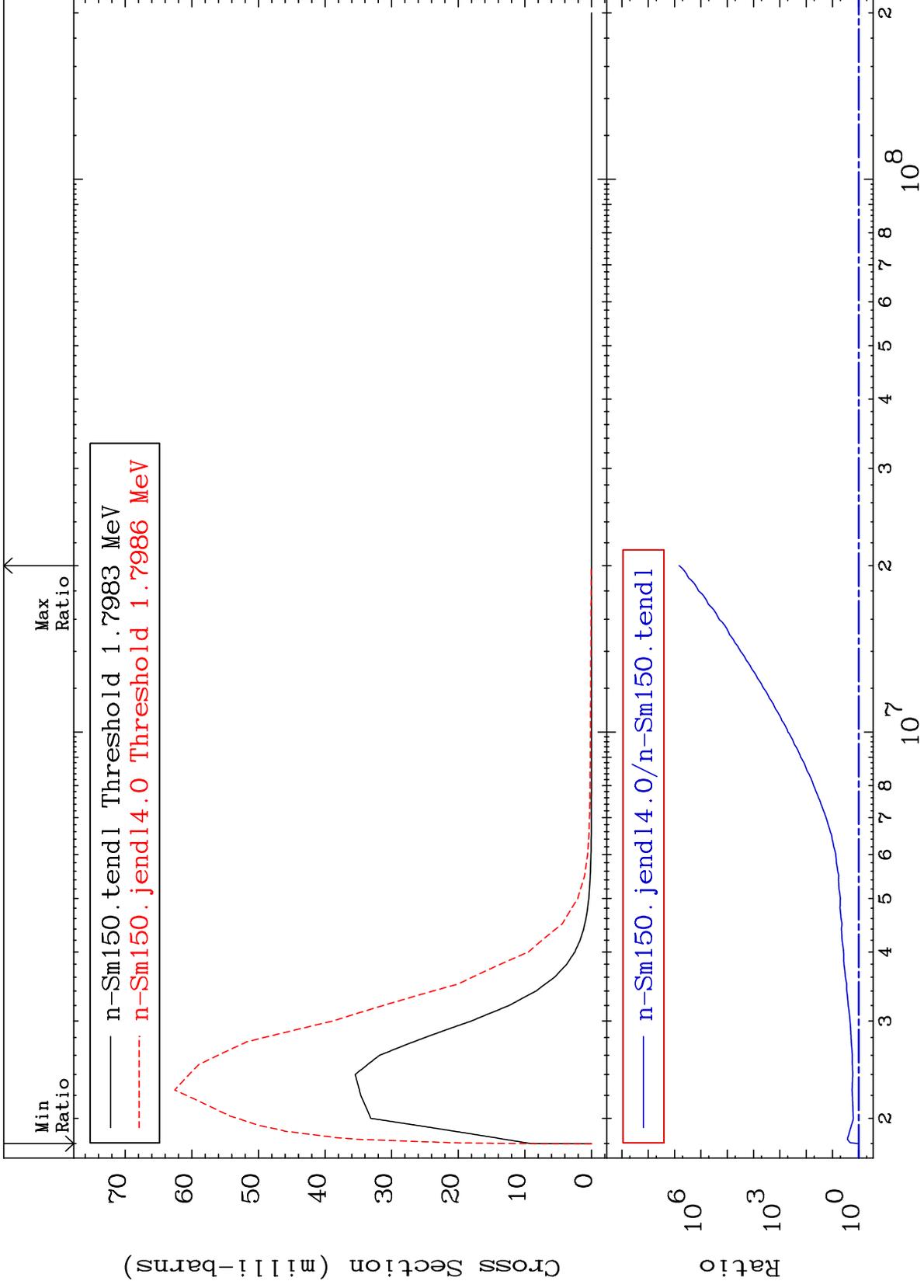
62-Sm-150
-90.76 To 300.3 %



MAT 6243

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

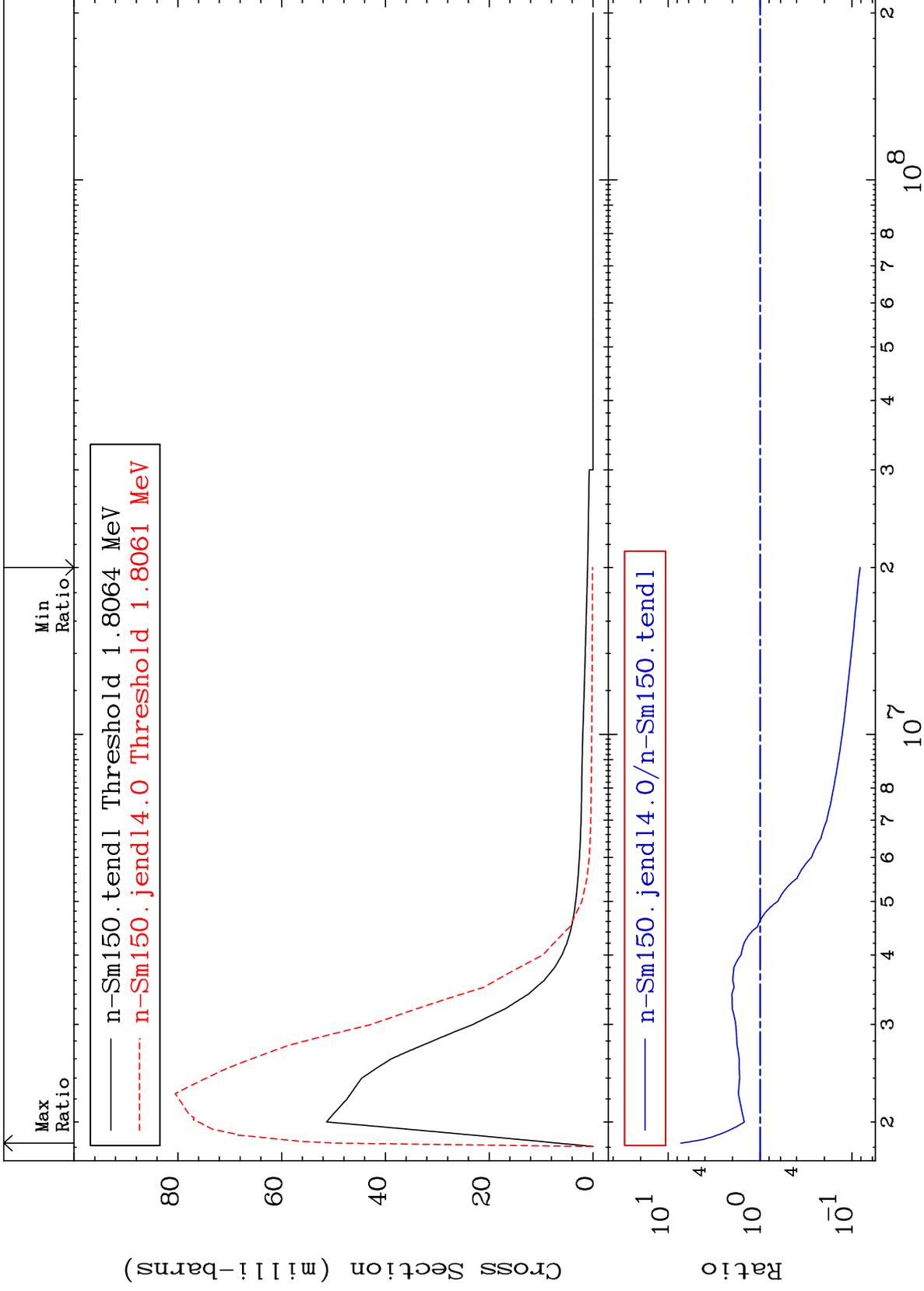
62-Sm-150
8.028 To 9999. %



MAT 6243

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

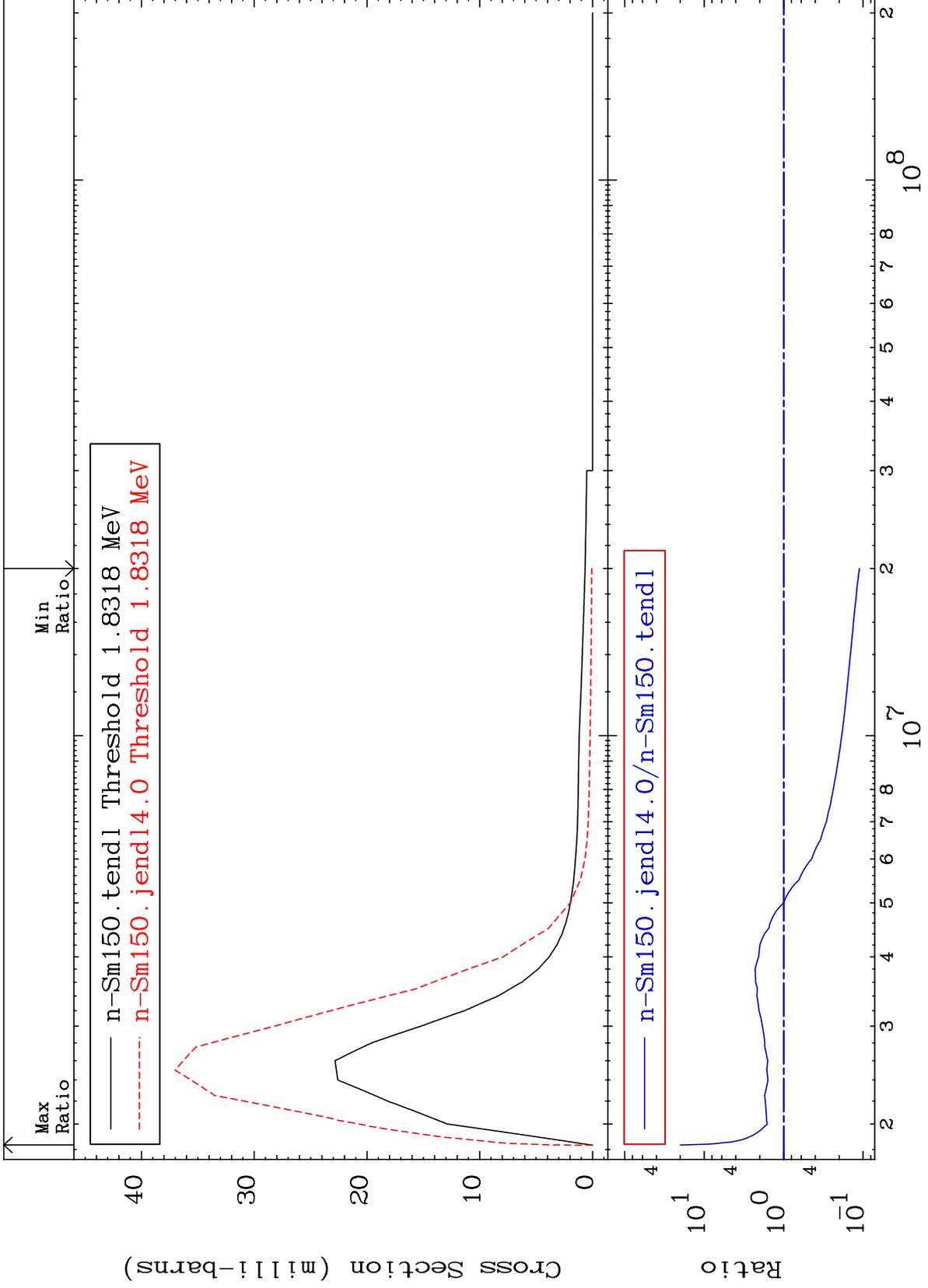
62-Sm-150
-91.84 To 631.4 %



MAT 6243

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

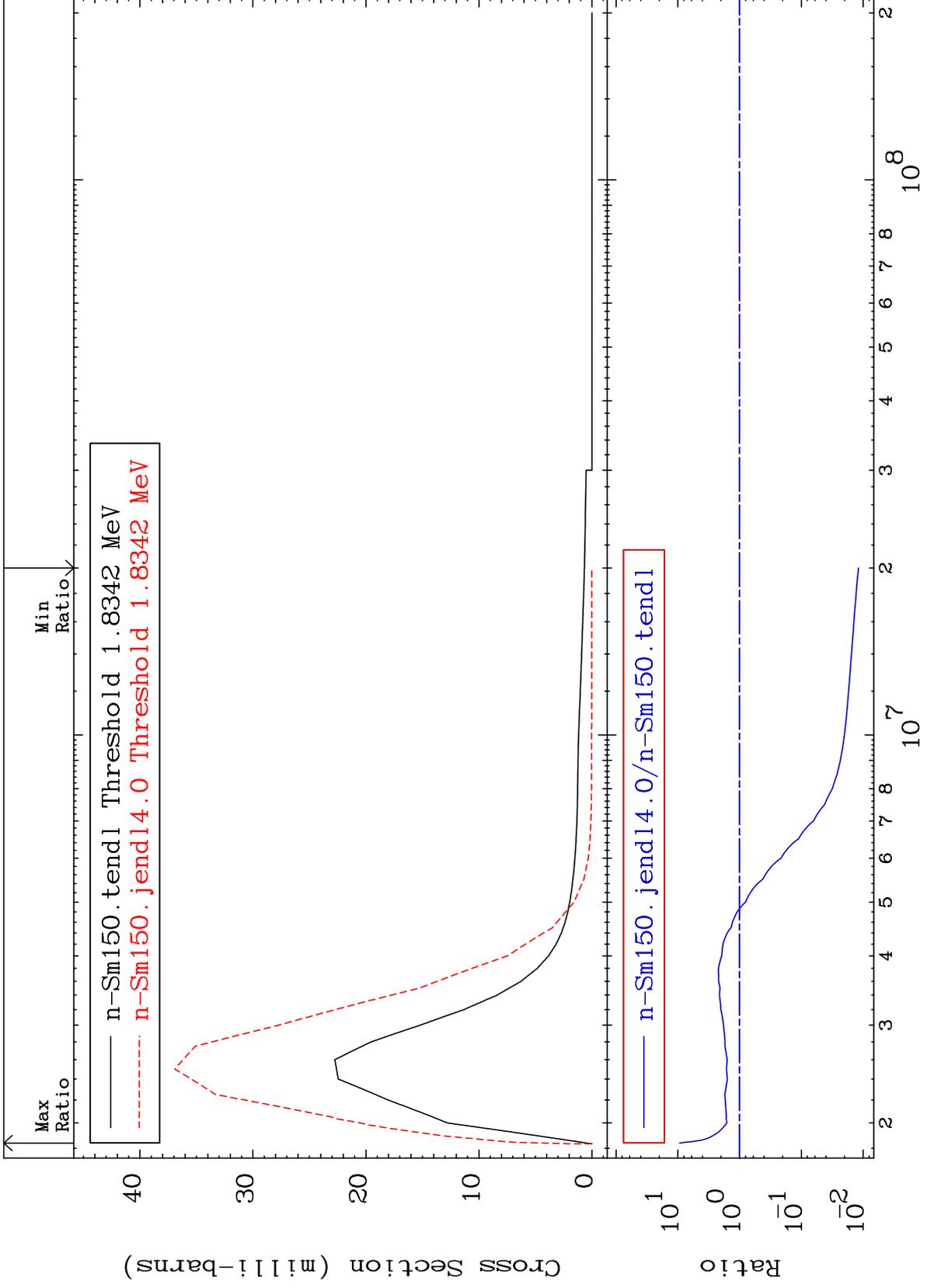
62-Sm-150
-88.89 To 1900. %



MAT 6243

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

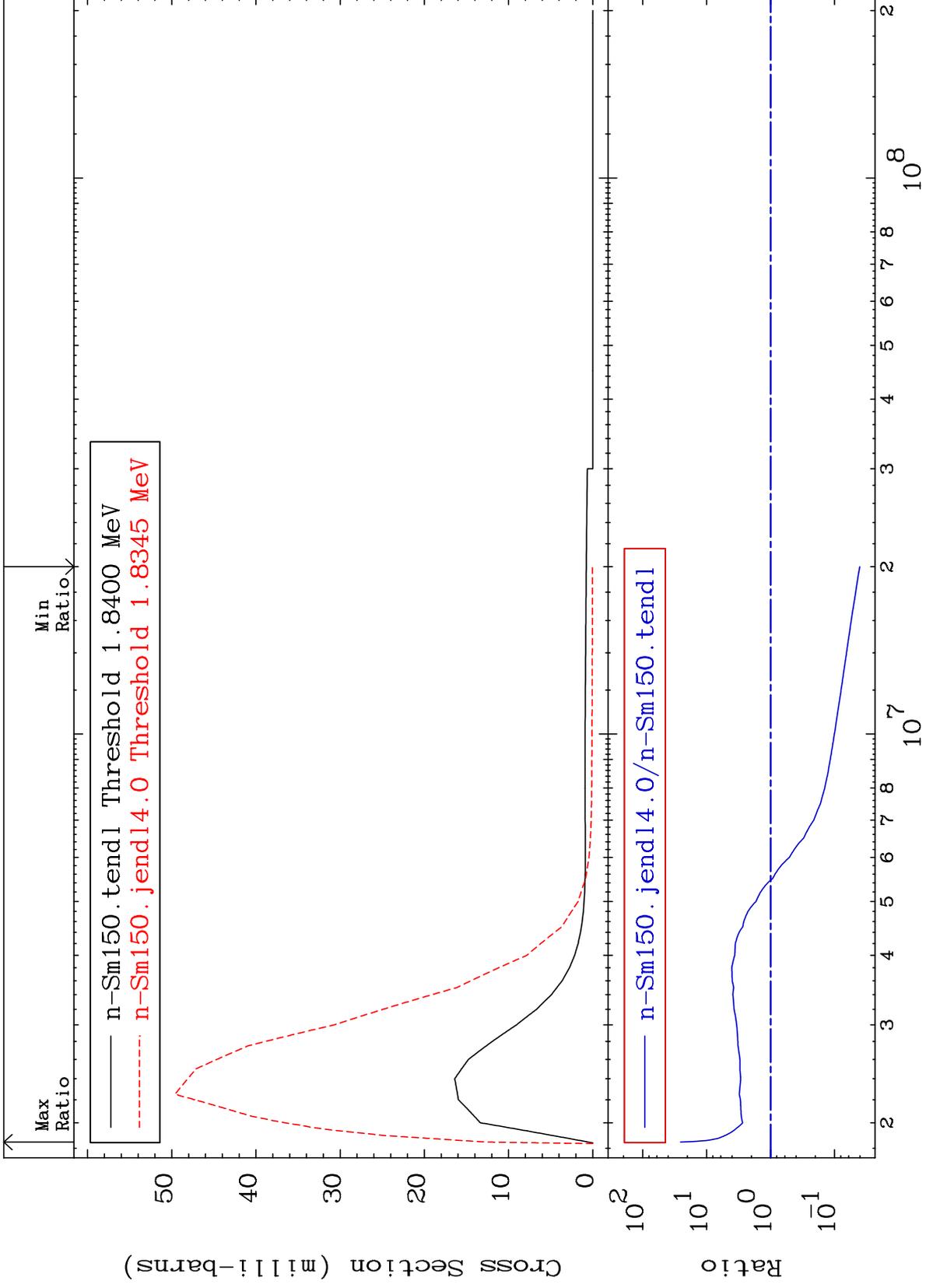
62-Sm-150
-98.81 To 838.2 %



MAT 6243

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

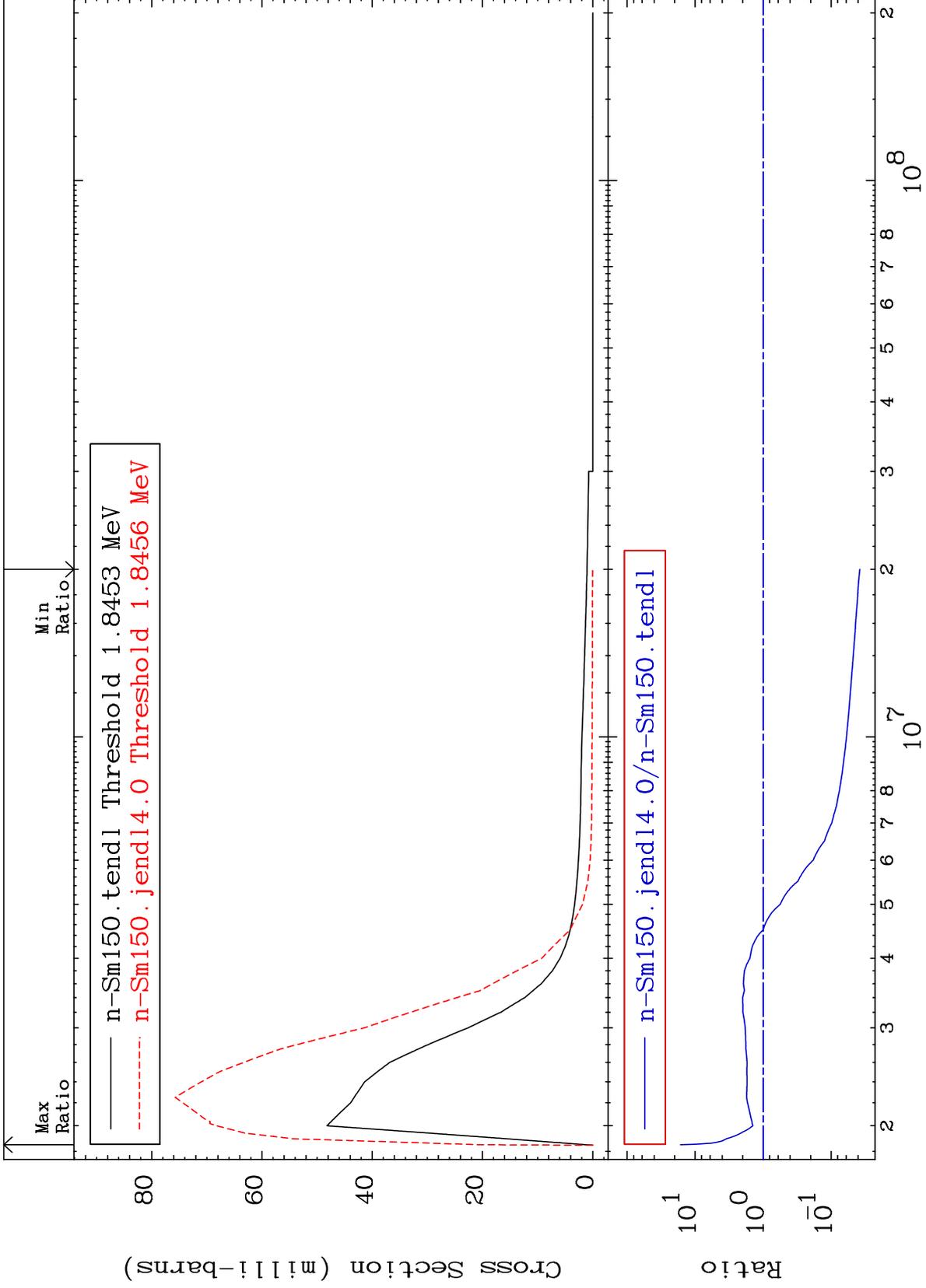
62-Sm-150
-95.97 To 2464. %



MAT 6243

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

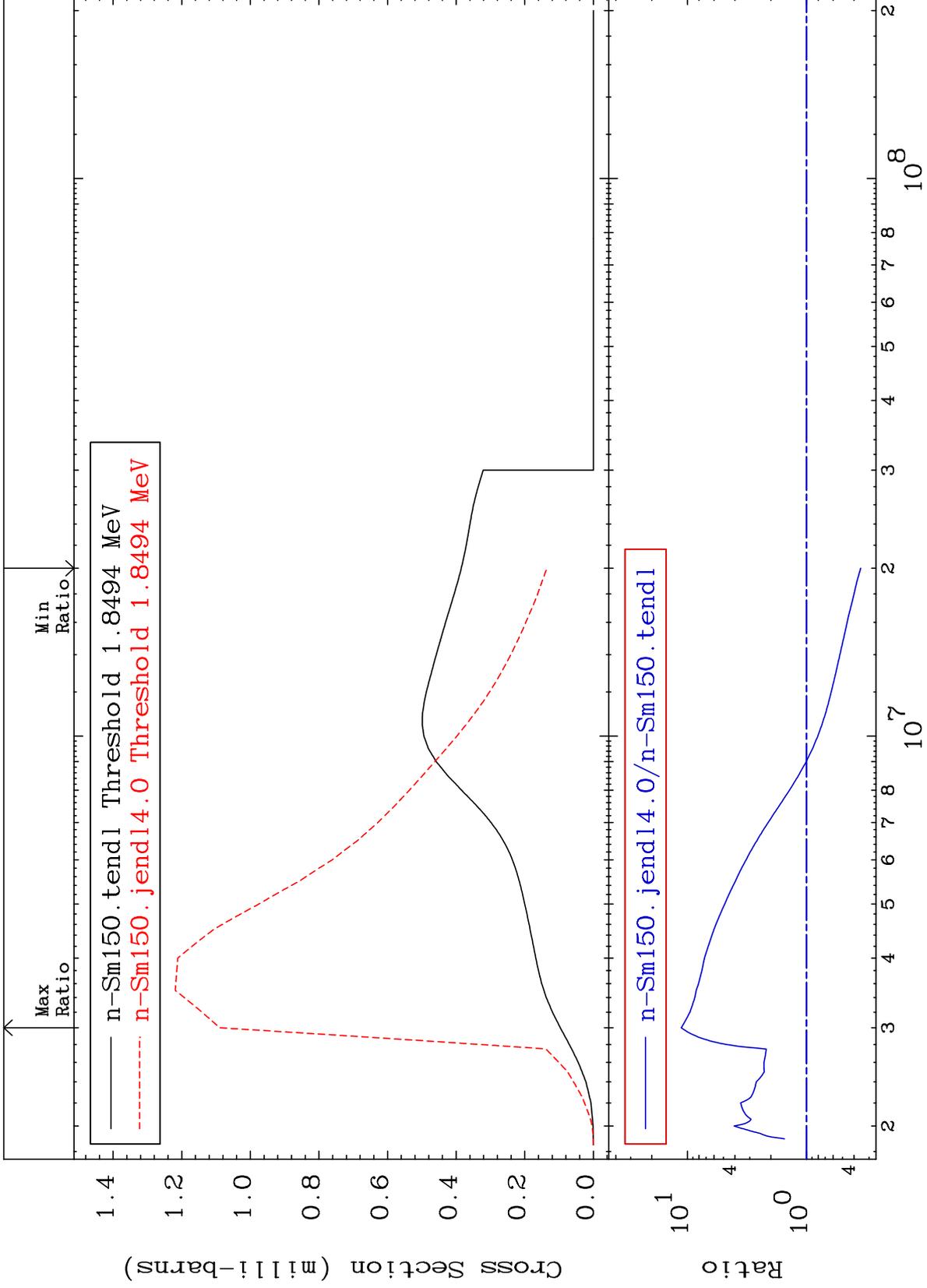
62-Sm-150
-96.21 To 1536. %



MAT 6243

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

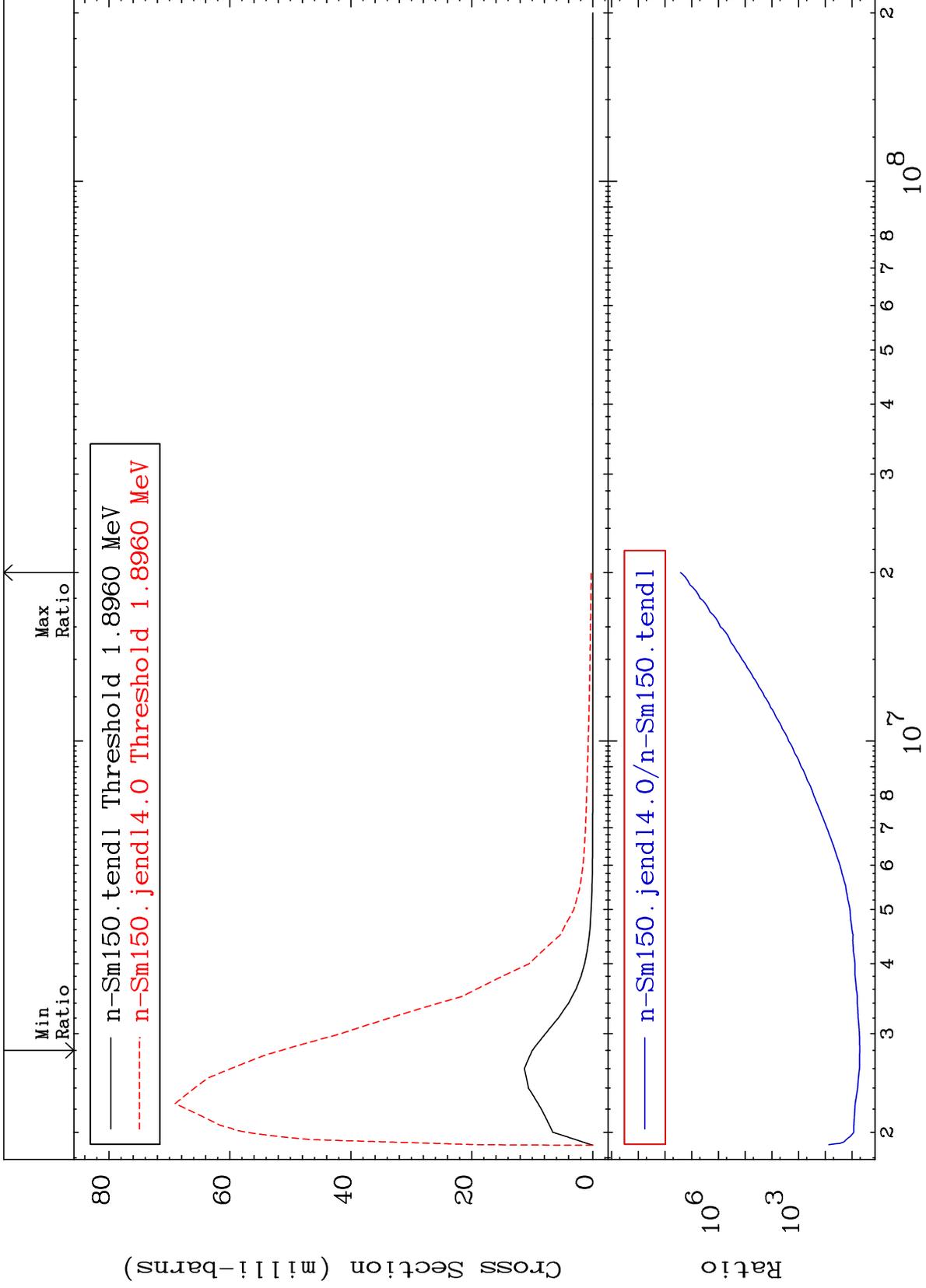
62-Sm-150
-64.81 To 1029. %



MAT 6243

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

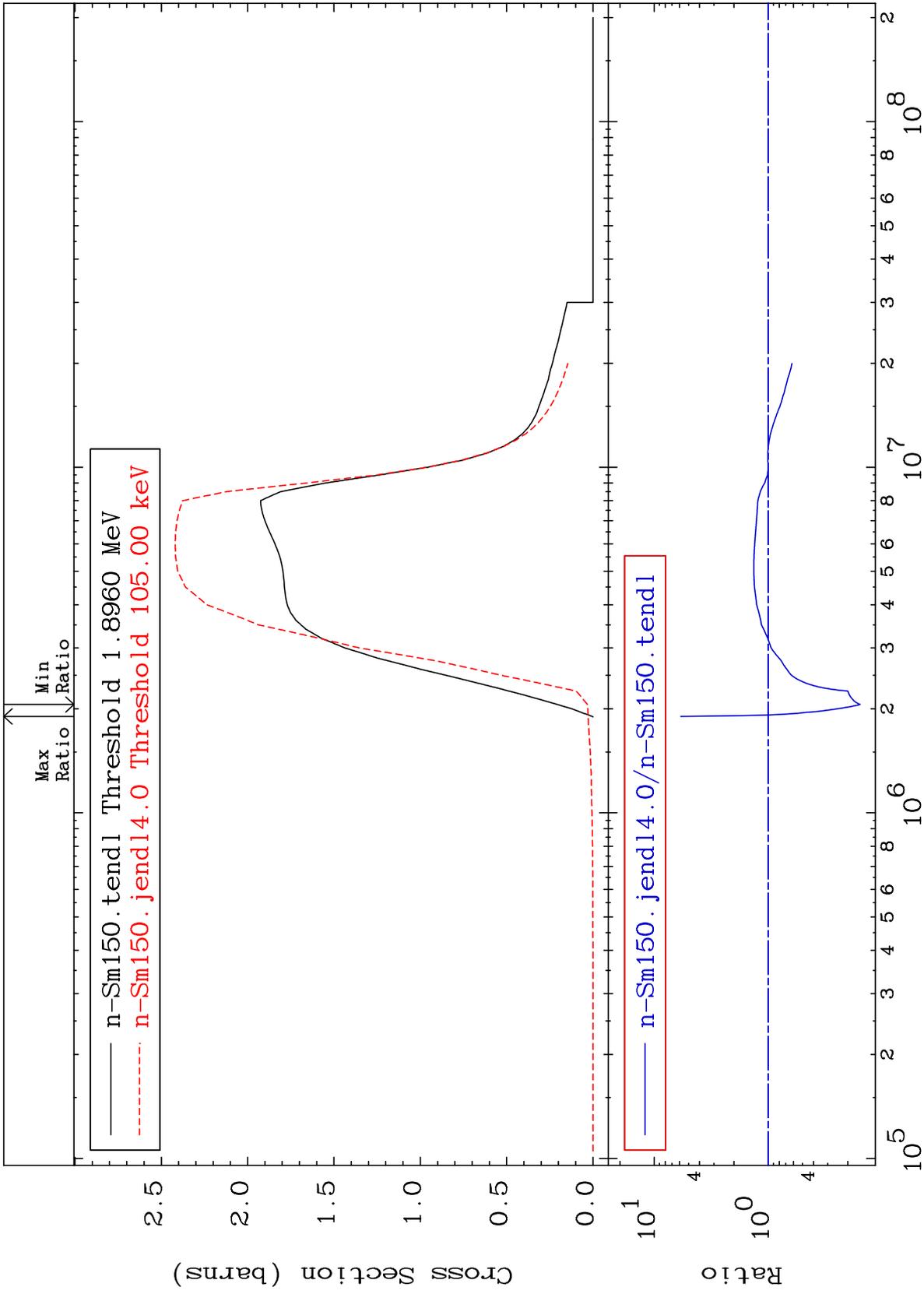
62-Sm-150
415.1 To 9999. %



MAT 6243

(n, n') Continuum
Cross Section

62-Sm-150
-84.40 To 485.3 %



41

62-Sm-150

62-Sm-150

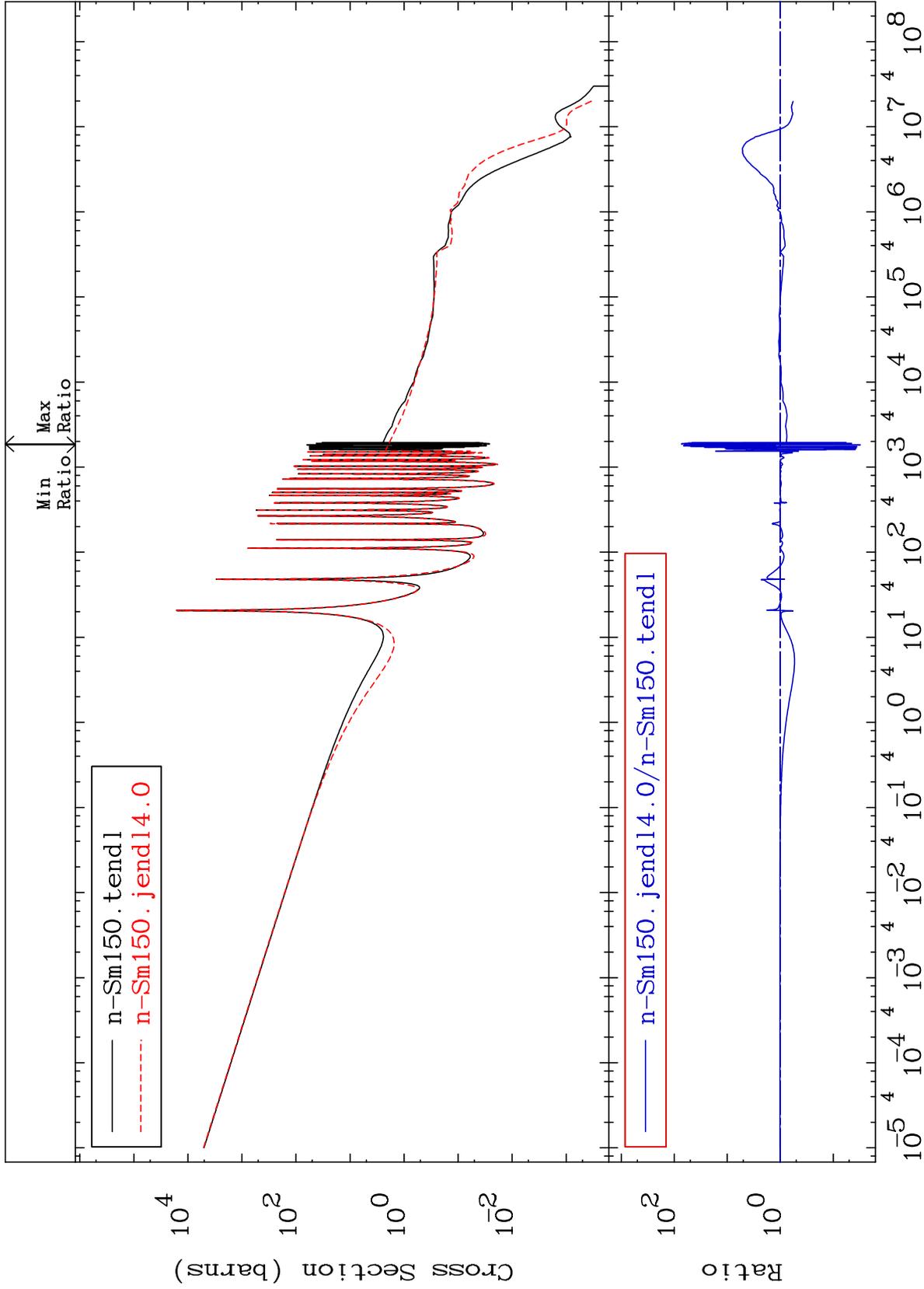
MAT 6243

62-Sm-150

-96.91 To 7319. %

(n, γ)

Cross Section



42

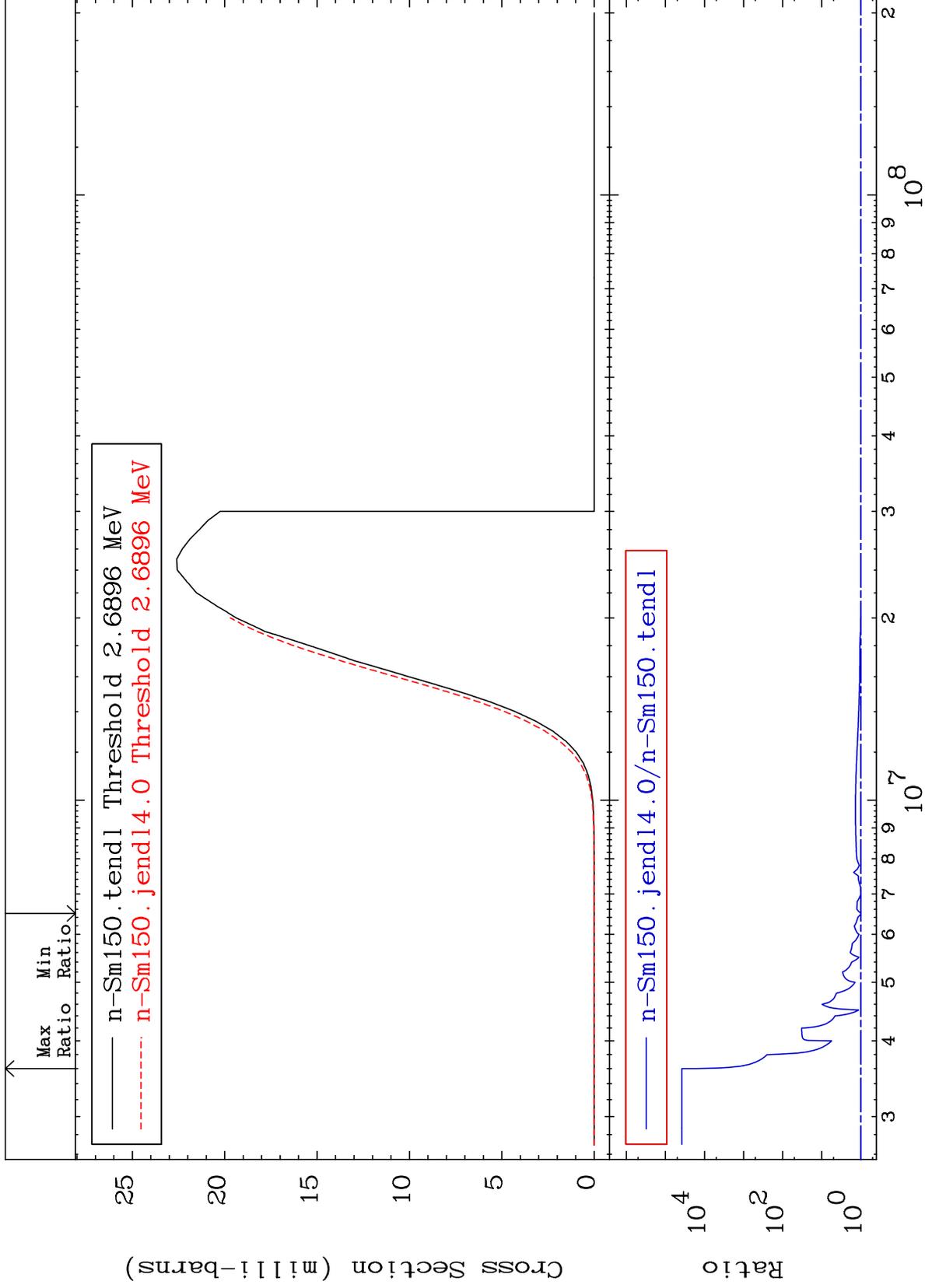
Incident Energy (eV)

62-Sm-150

MAT 6243

(n,p)
Cross Section

62-Sm-150
-1.764 To 9999. %



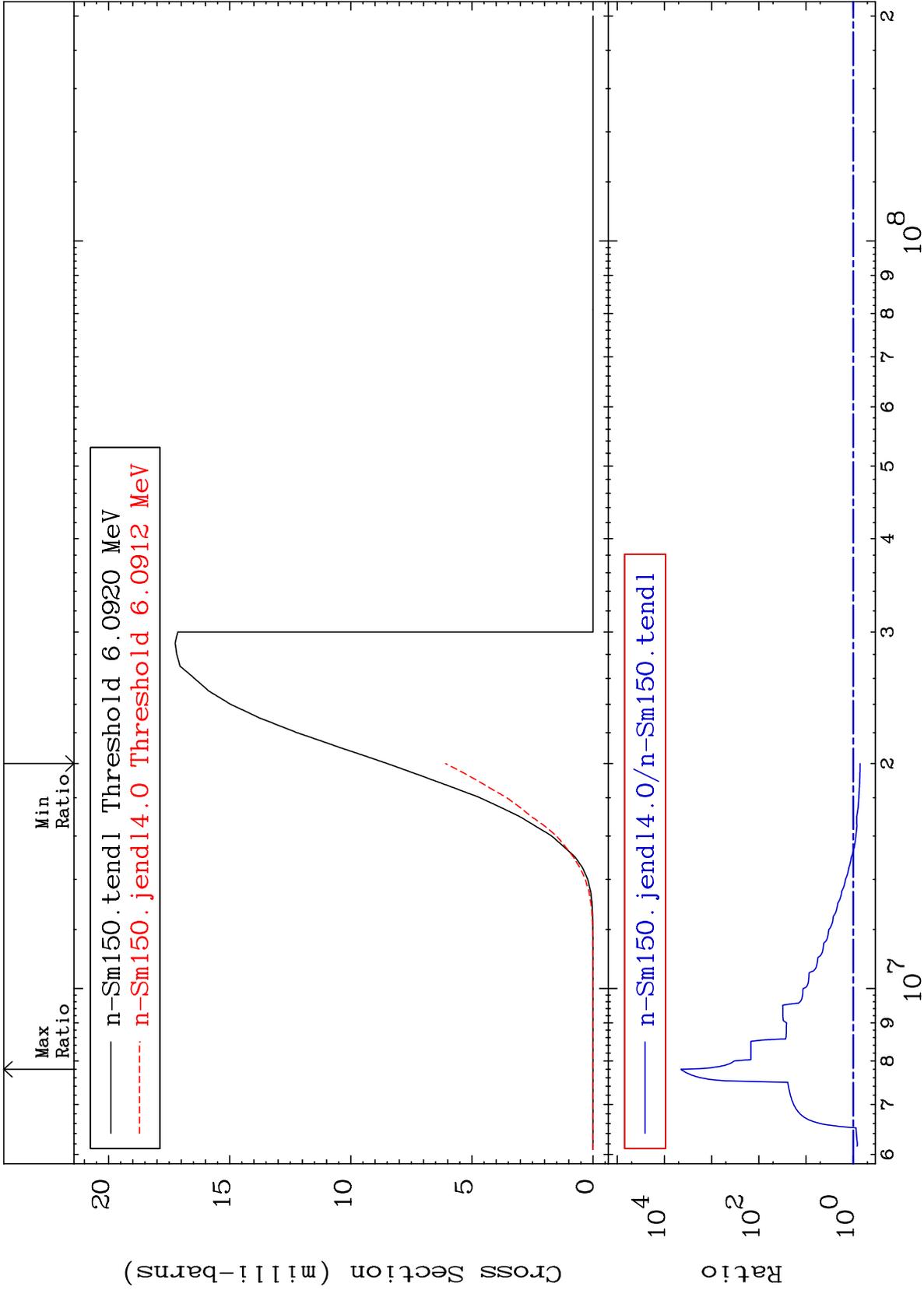
MAT 6243

(n, d)

62-Sm-150

Cross Section

-28.39 To 9999. %



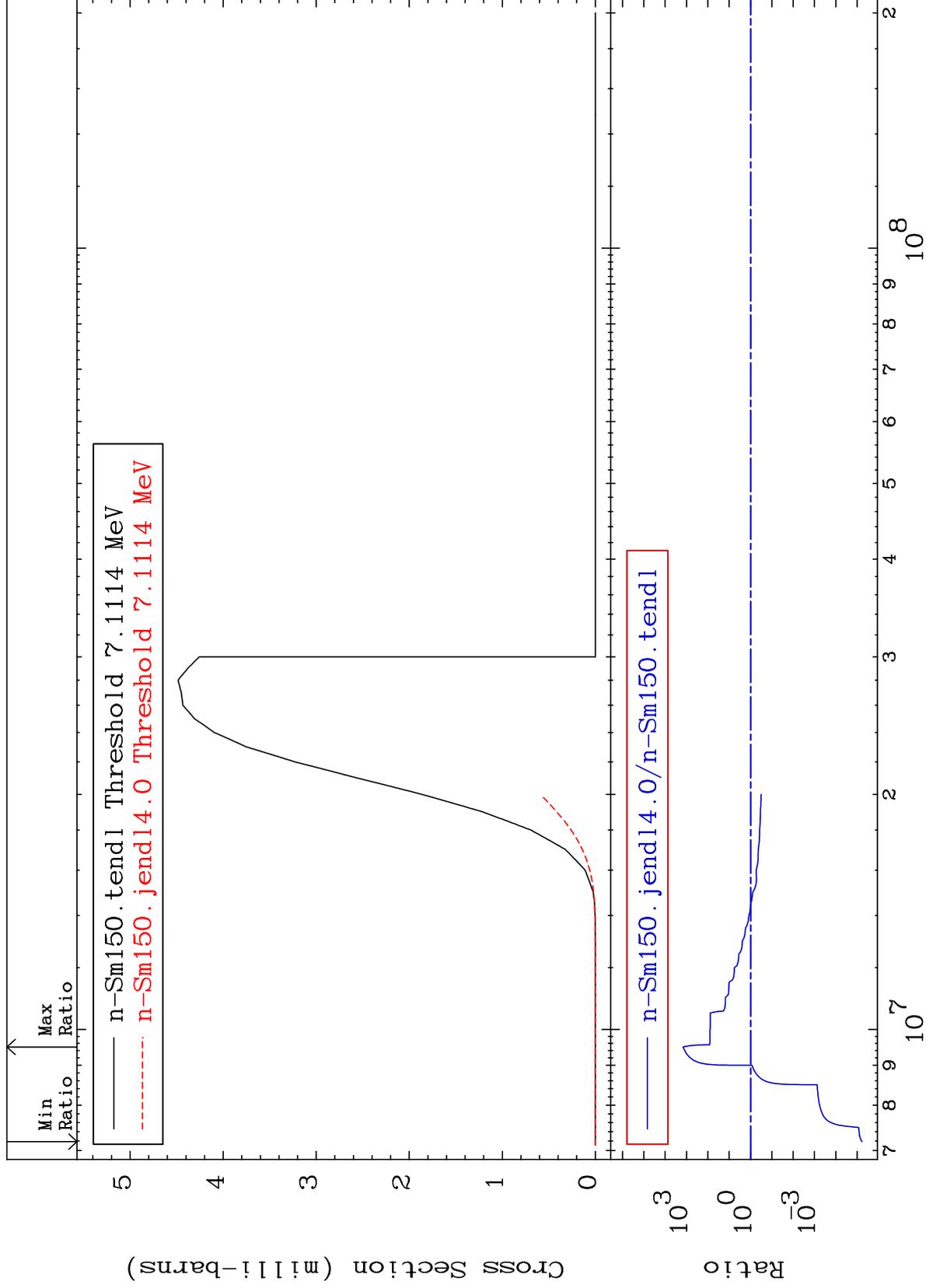
MAT 6243

(n, t)

62-Sm-150

Cross Section

-100.0 To 9999. %



45

Incident Energy (eV)

62-Sm-150

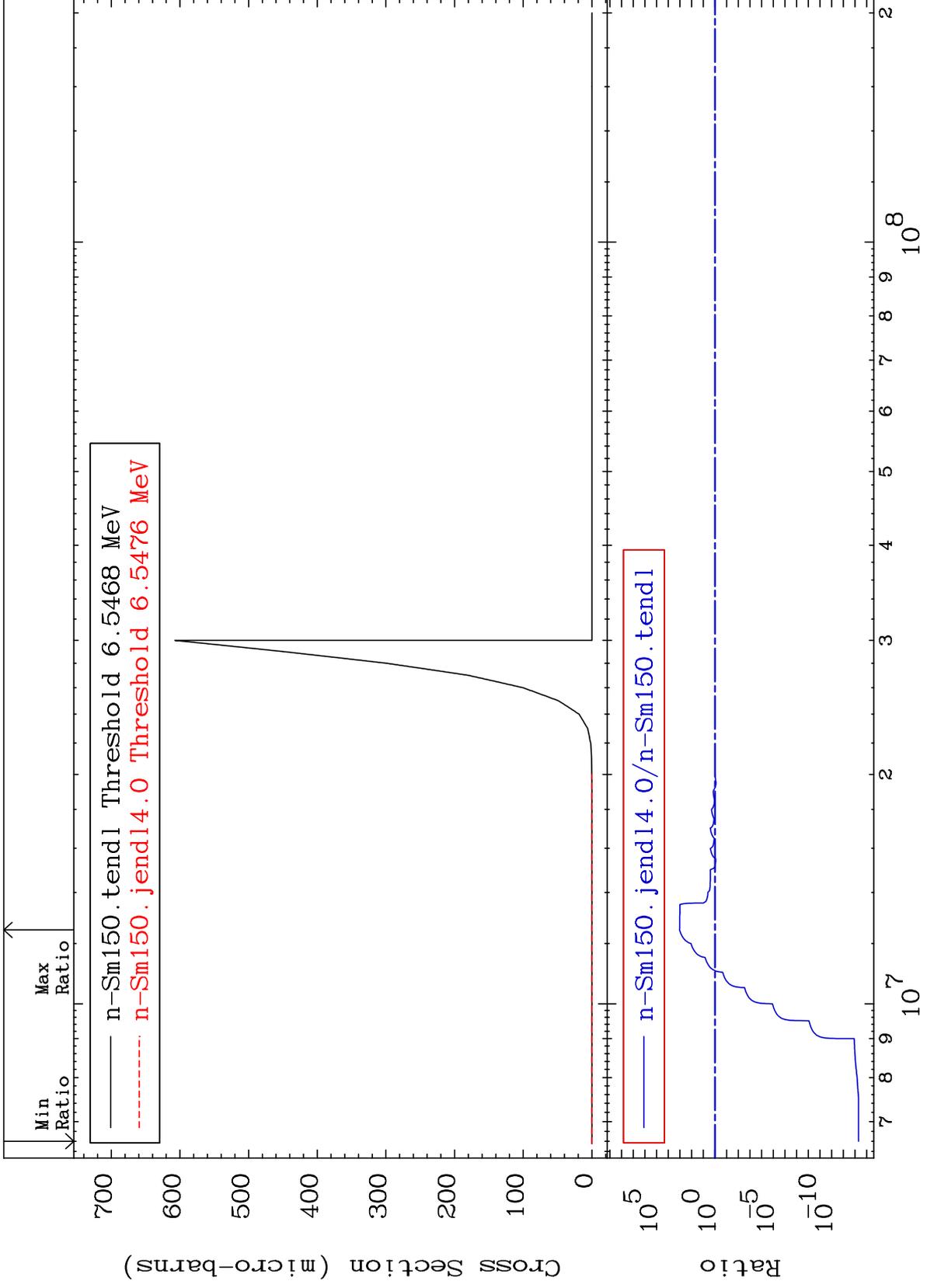
MAT 6243

(n, He-3)

62-Sm-150

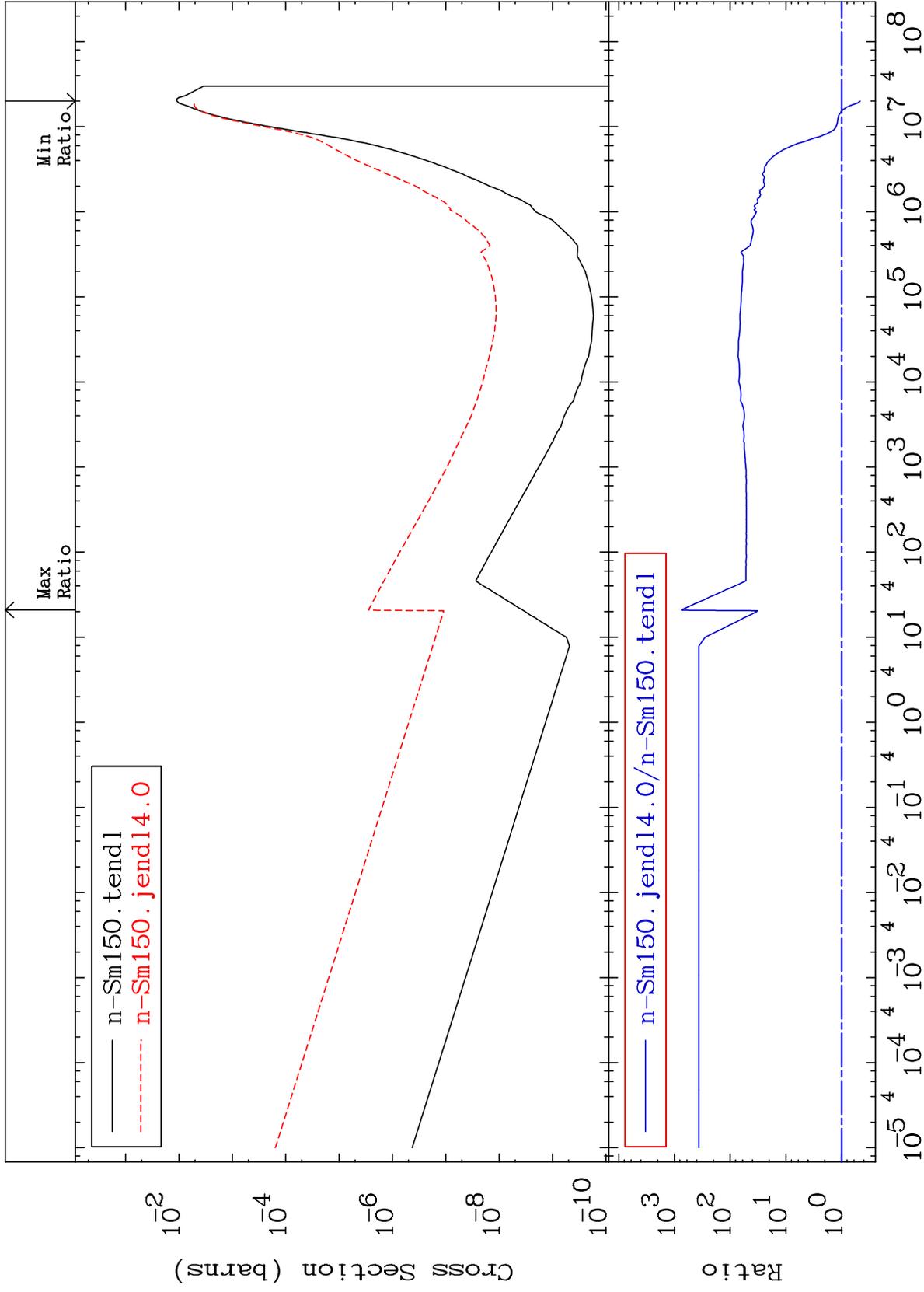
Cross Section

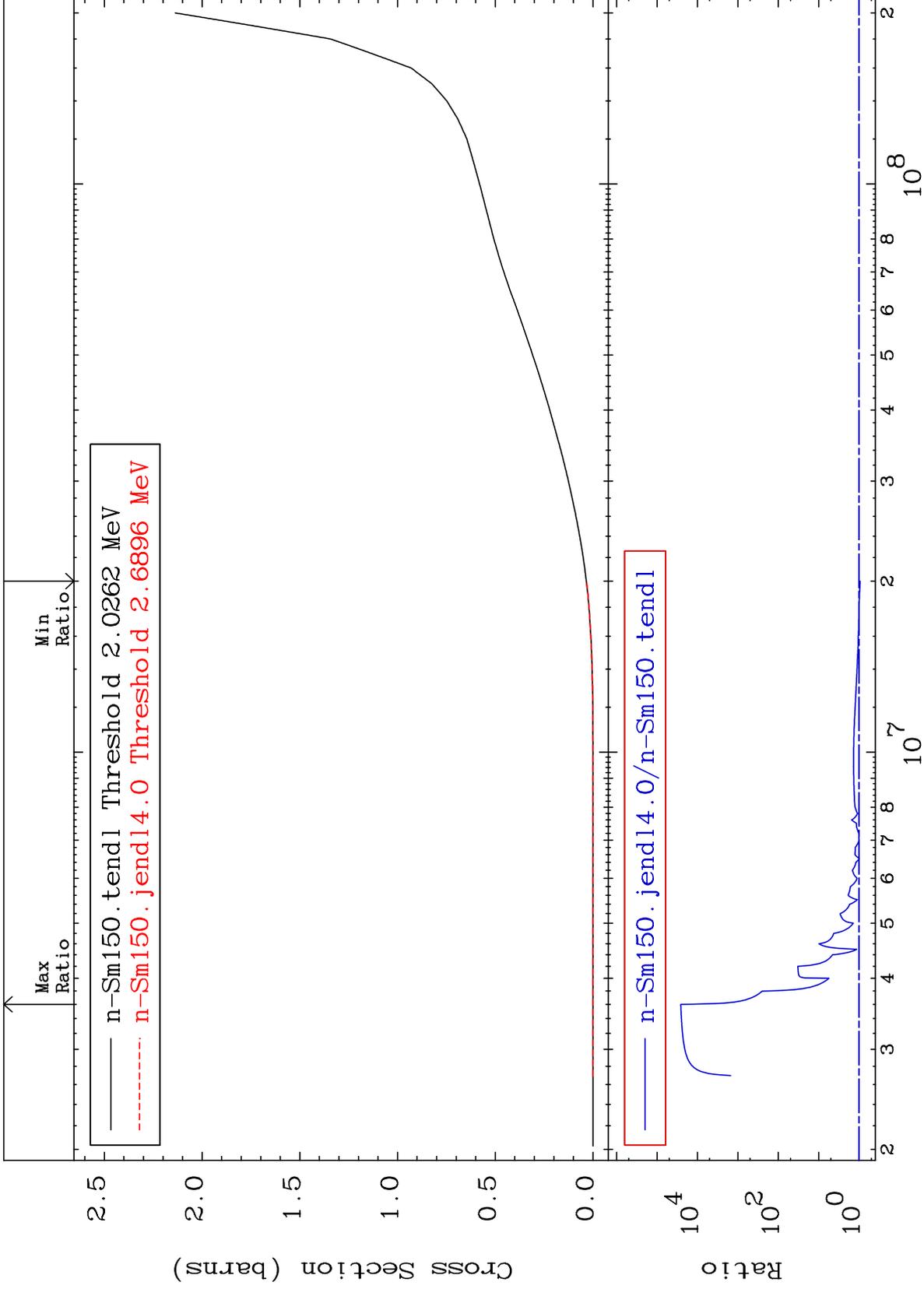
-100.0 To 9999. %



MAT 6243

(n, α) Cross Section
62-Sm-150
-53.63 To 9999. %

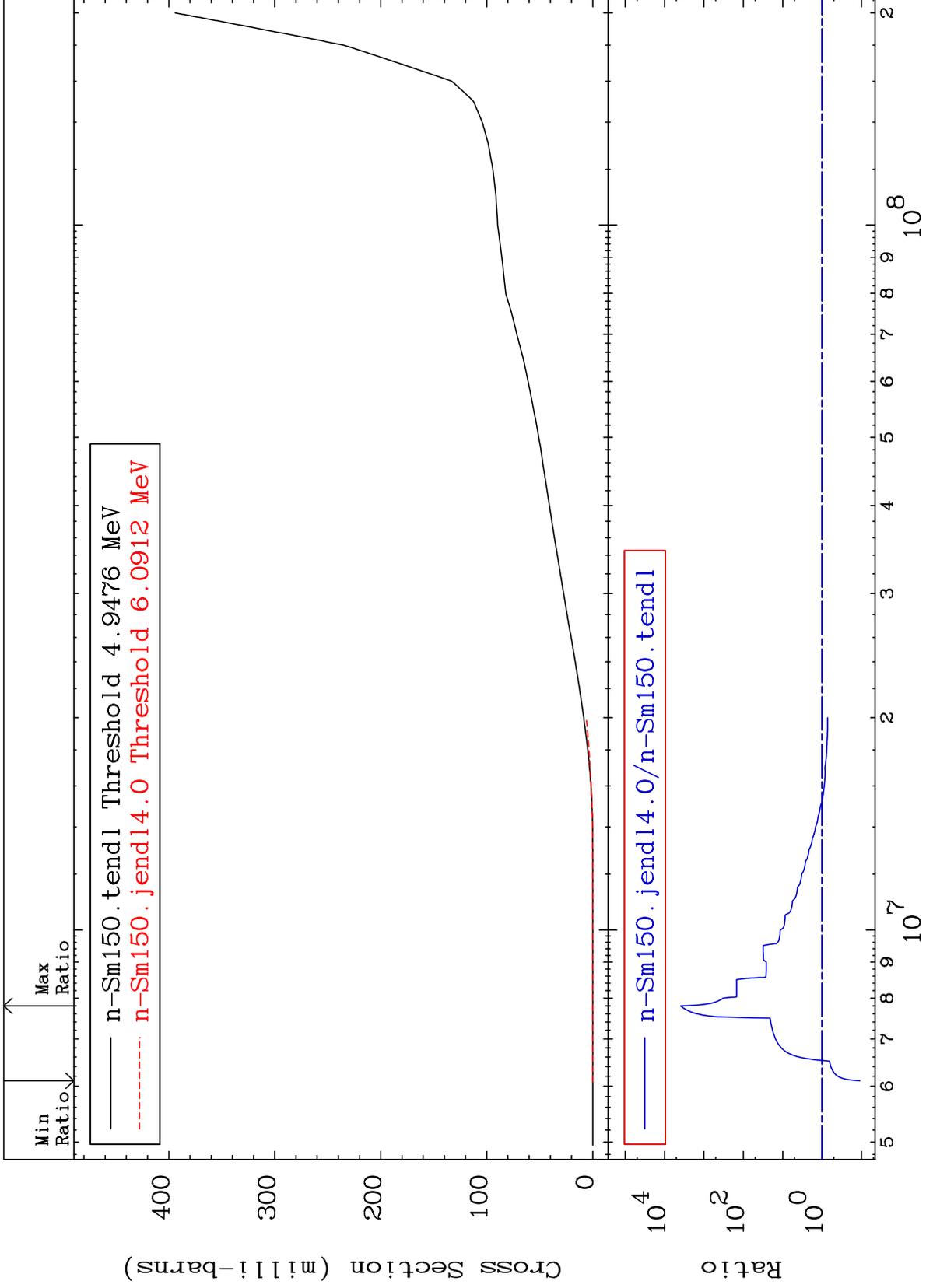




MAT 6243

Deuterium Production
Cross Section

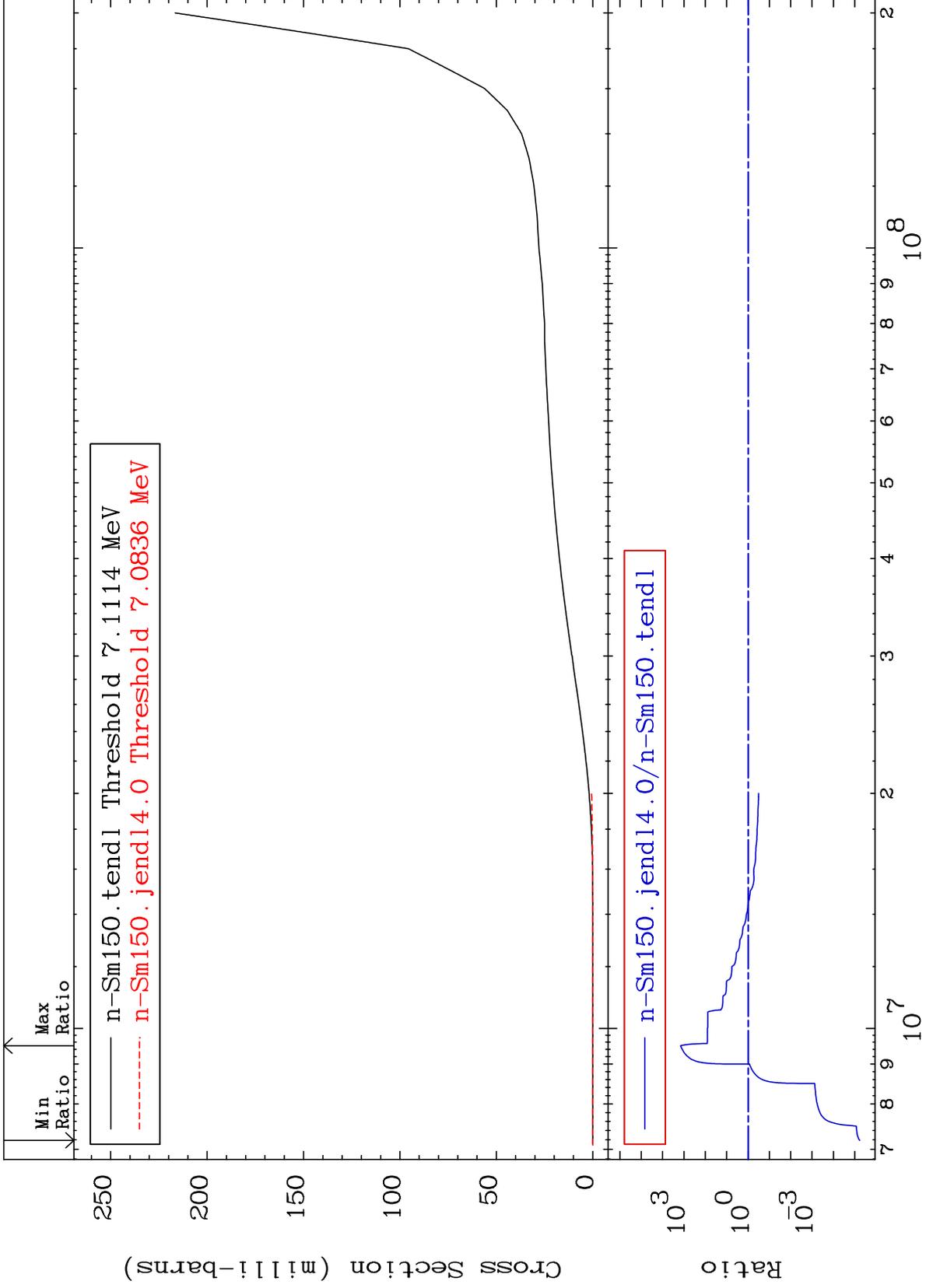
62-Sm-150
-88.99 To 9999. %



MAT 6243

Tritium Production
Cross Section

62-Sm-150
-100.0 To 9999. %



50

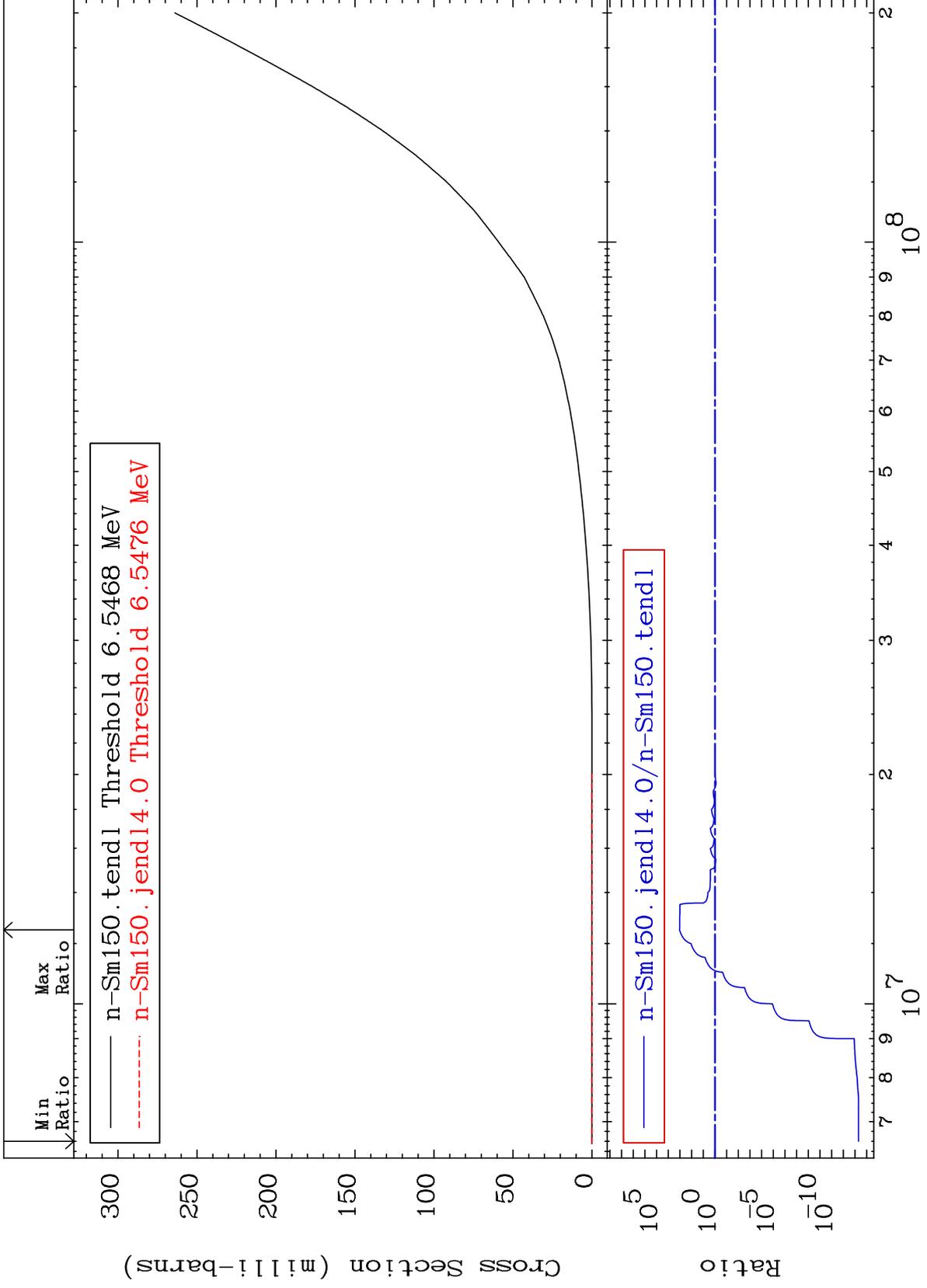
Incident Energy (eV)

62-Sm-150

MAT 6243

He-3 Production
Cross Section

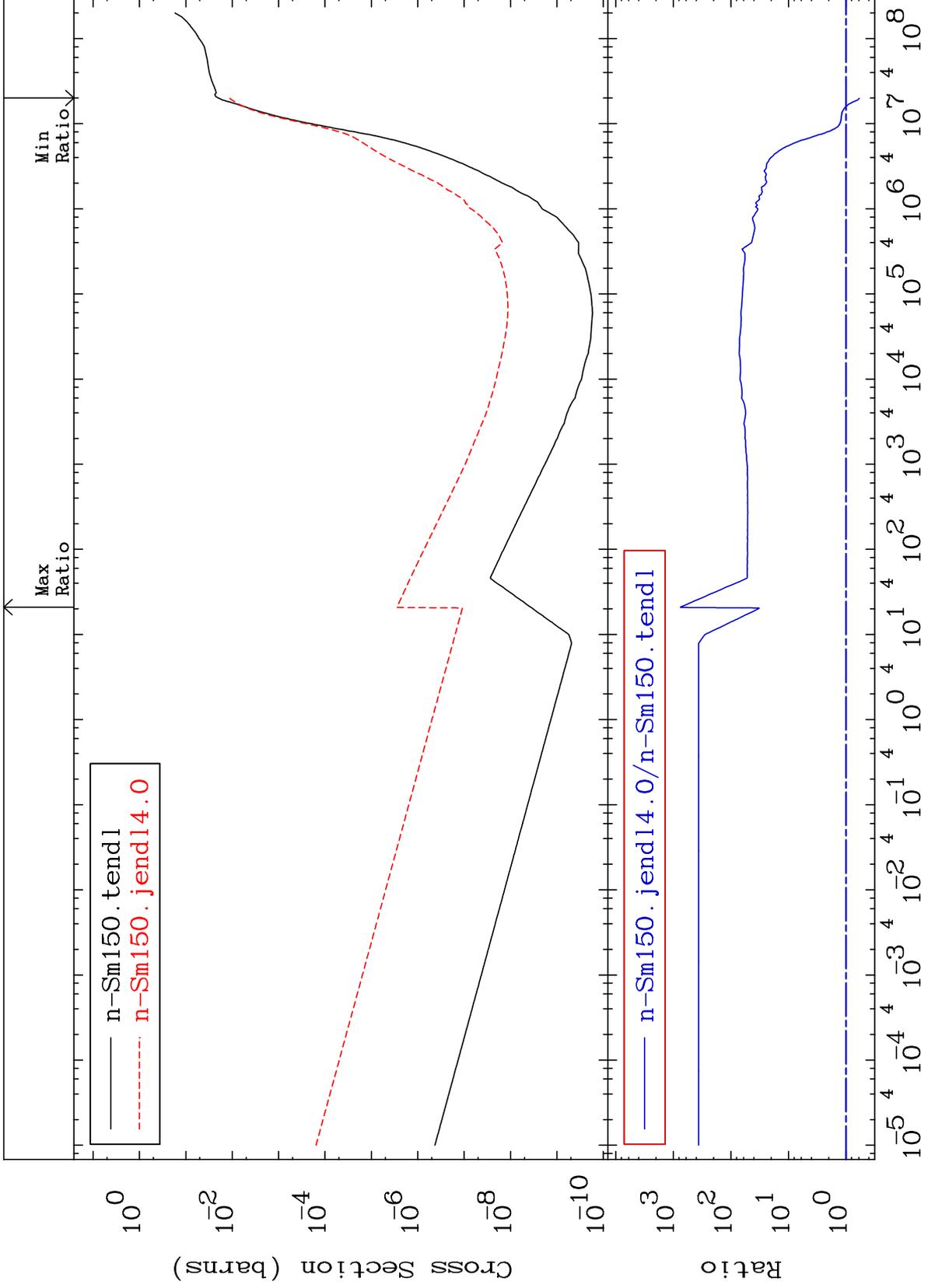
62-Sm-150
-100.0 To 9999. %

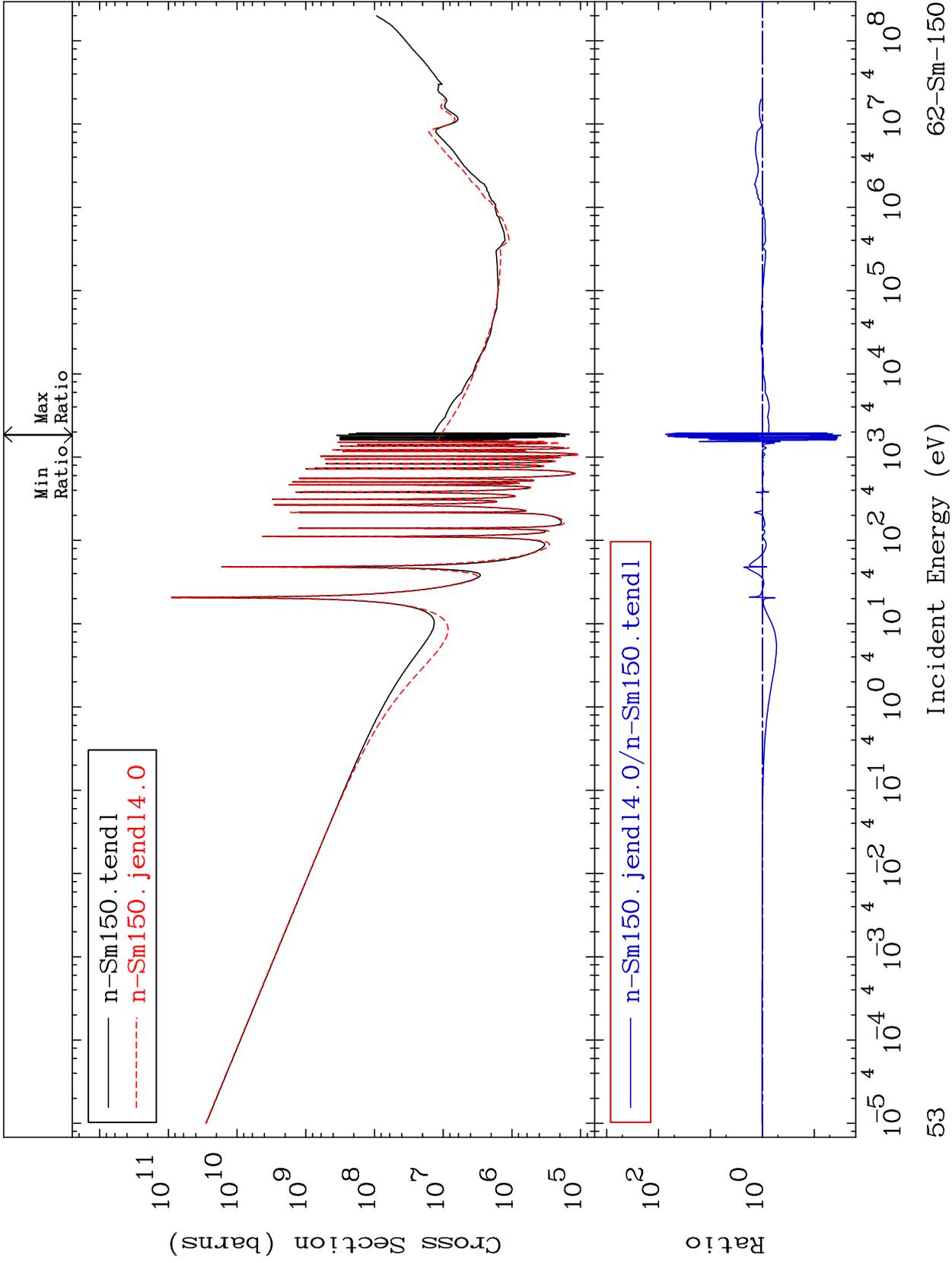


MAT 6243

He-4 Production
Cross Section

62-Sm-150
-41.55 To 9999. %

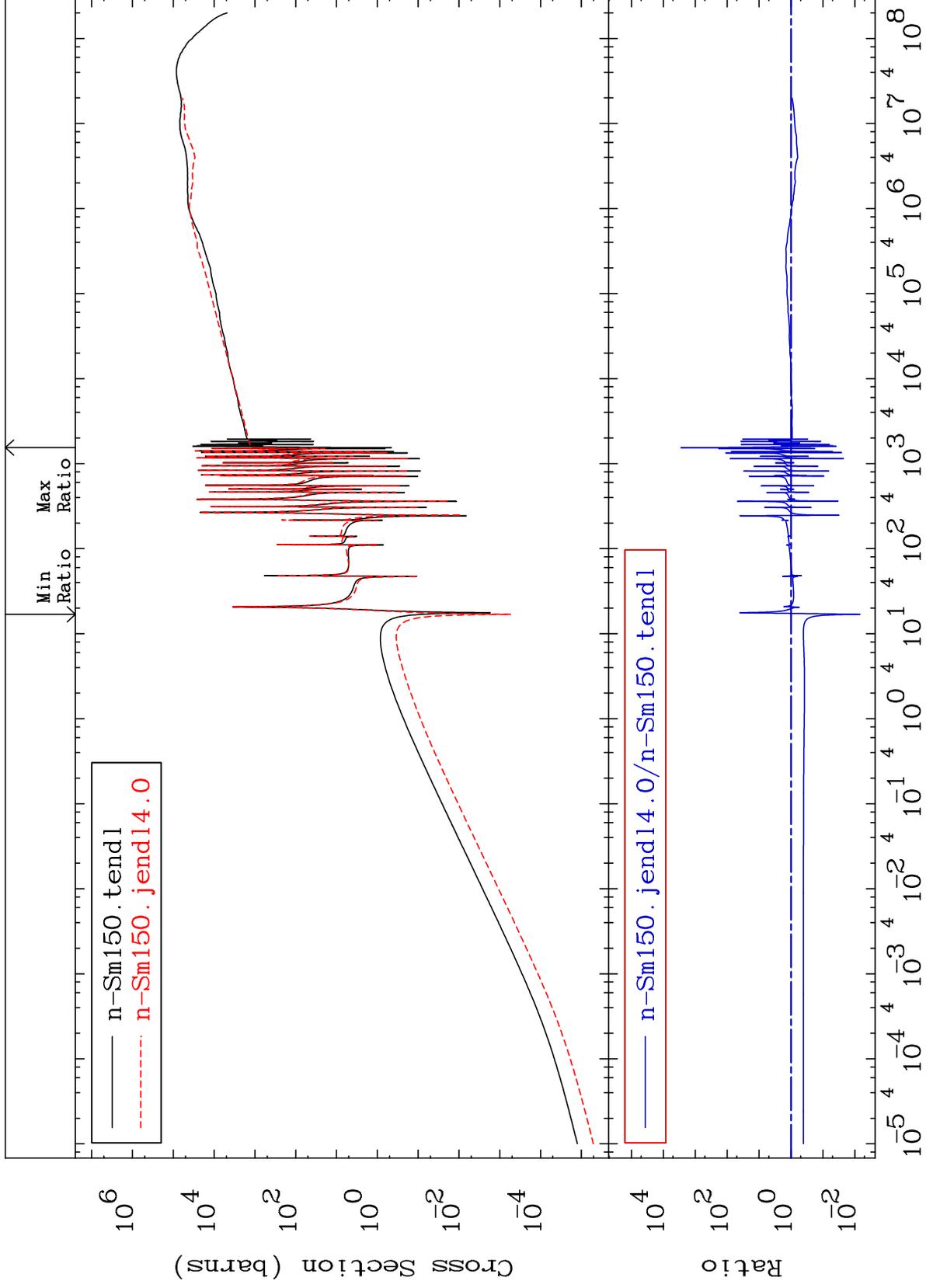




MAT 6243

Kerma elastic
Cross Section

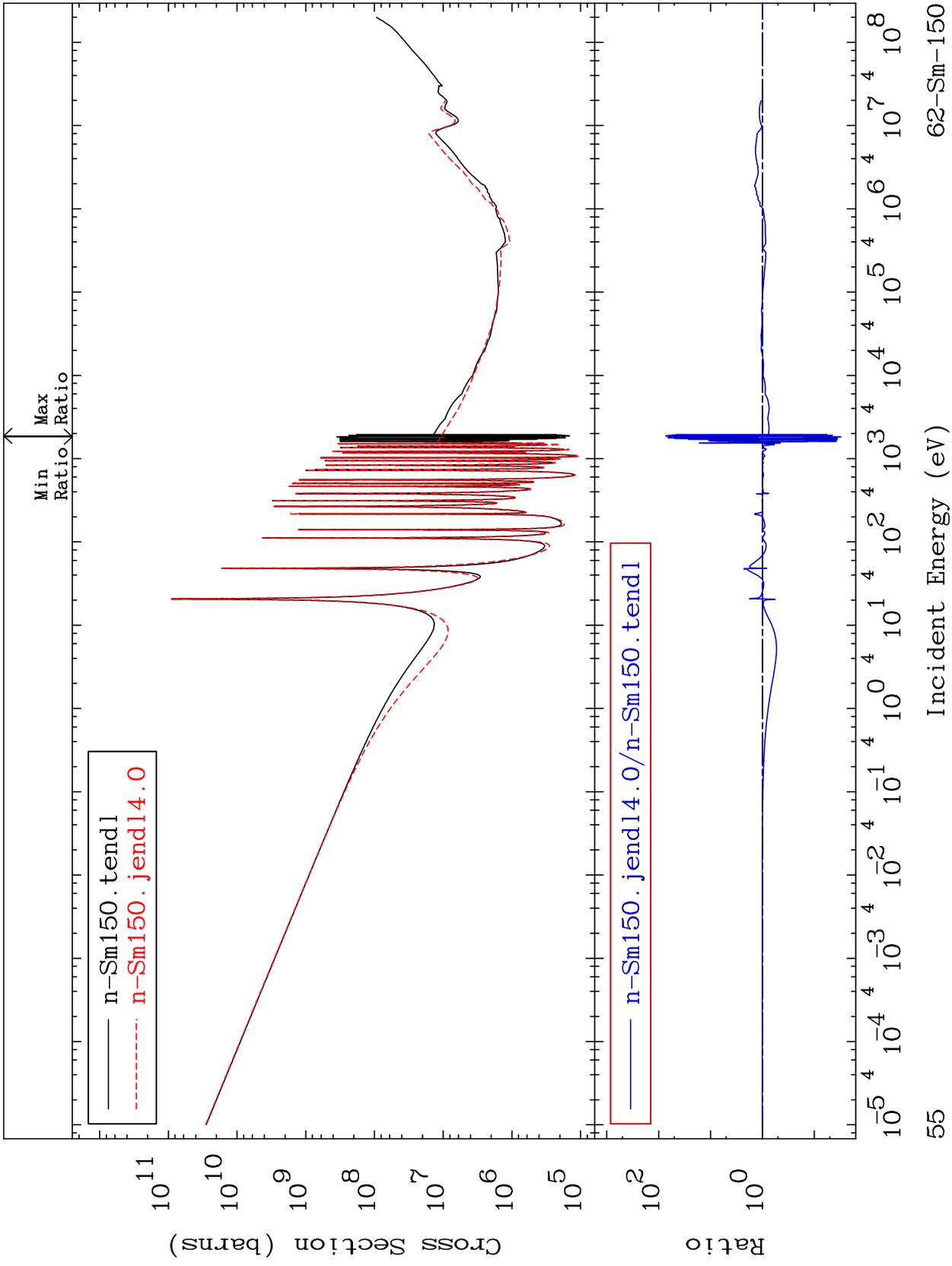
62-Sm-150
-99.30 To 9999. %



MAT 6243

Kerma non-elastic (all but mt2)
Cross Section

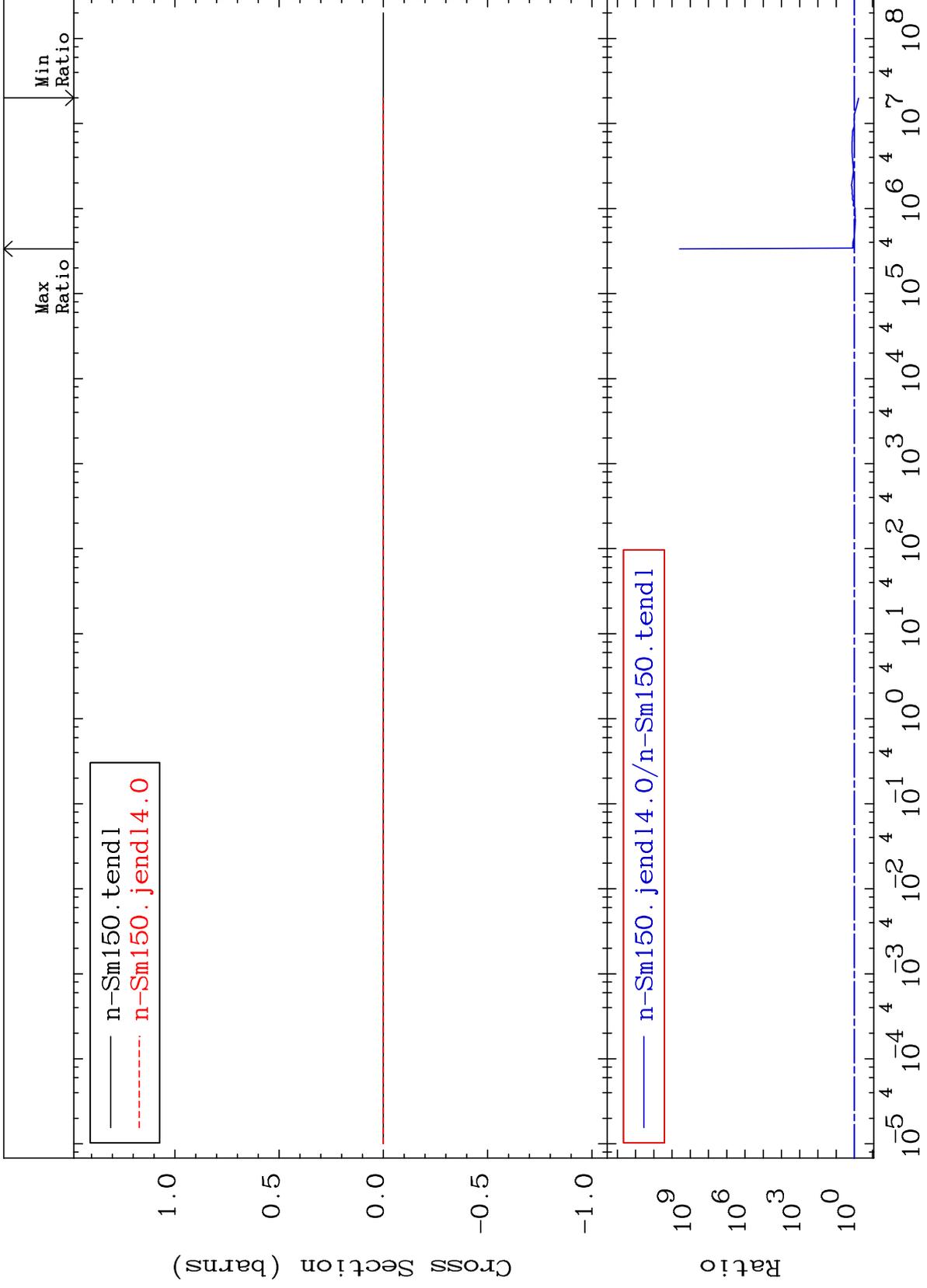
62-Sm-150
-96.93 To 7268. %



MAT 6243

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

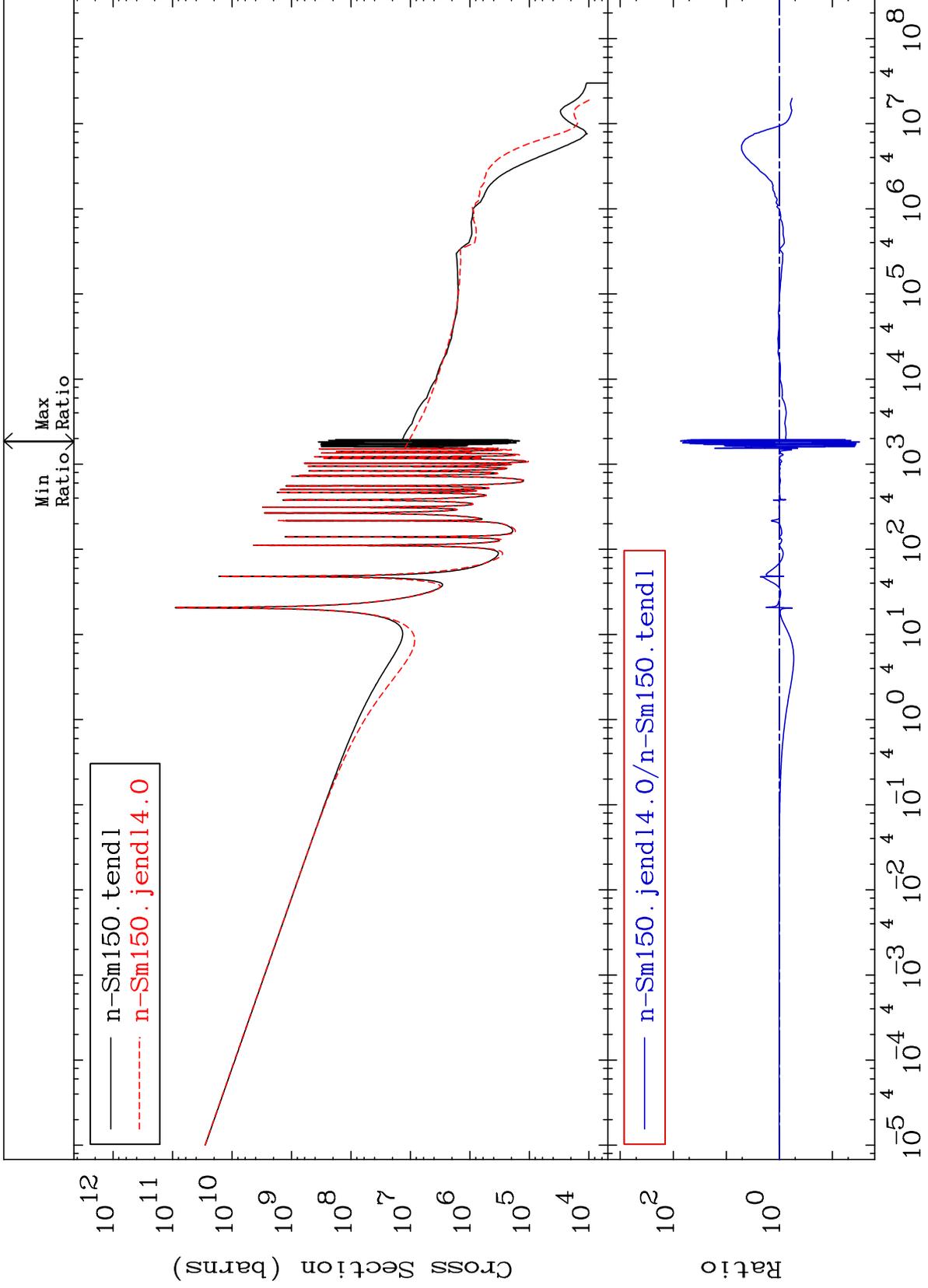
62-Sm-150
-41.01 To 9999. %

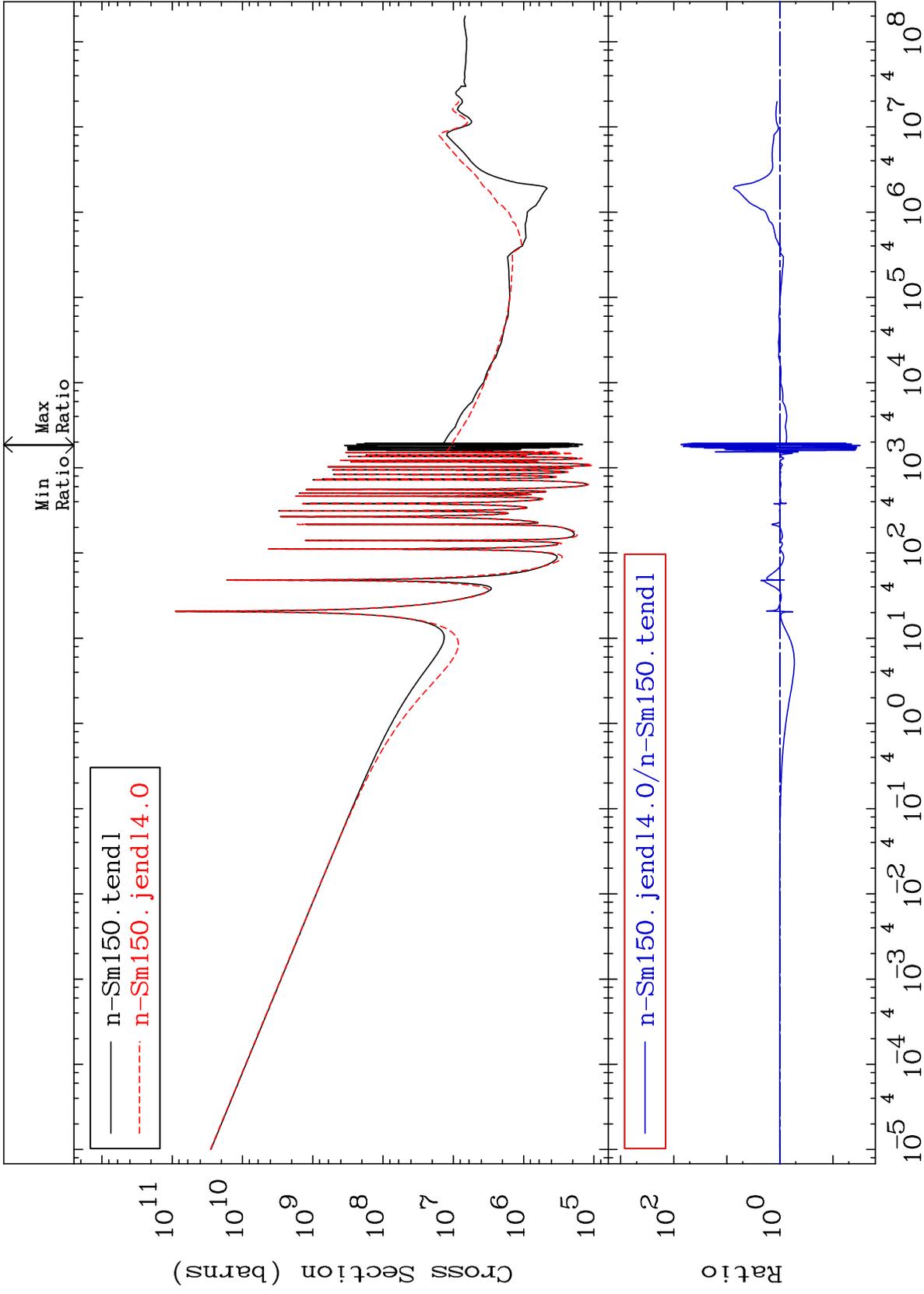


MAT 6243

Kerma capture (mt102)
Cross Section

62-Sm-150
-96.93 To 7268. %

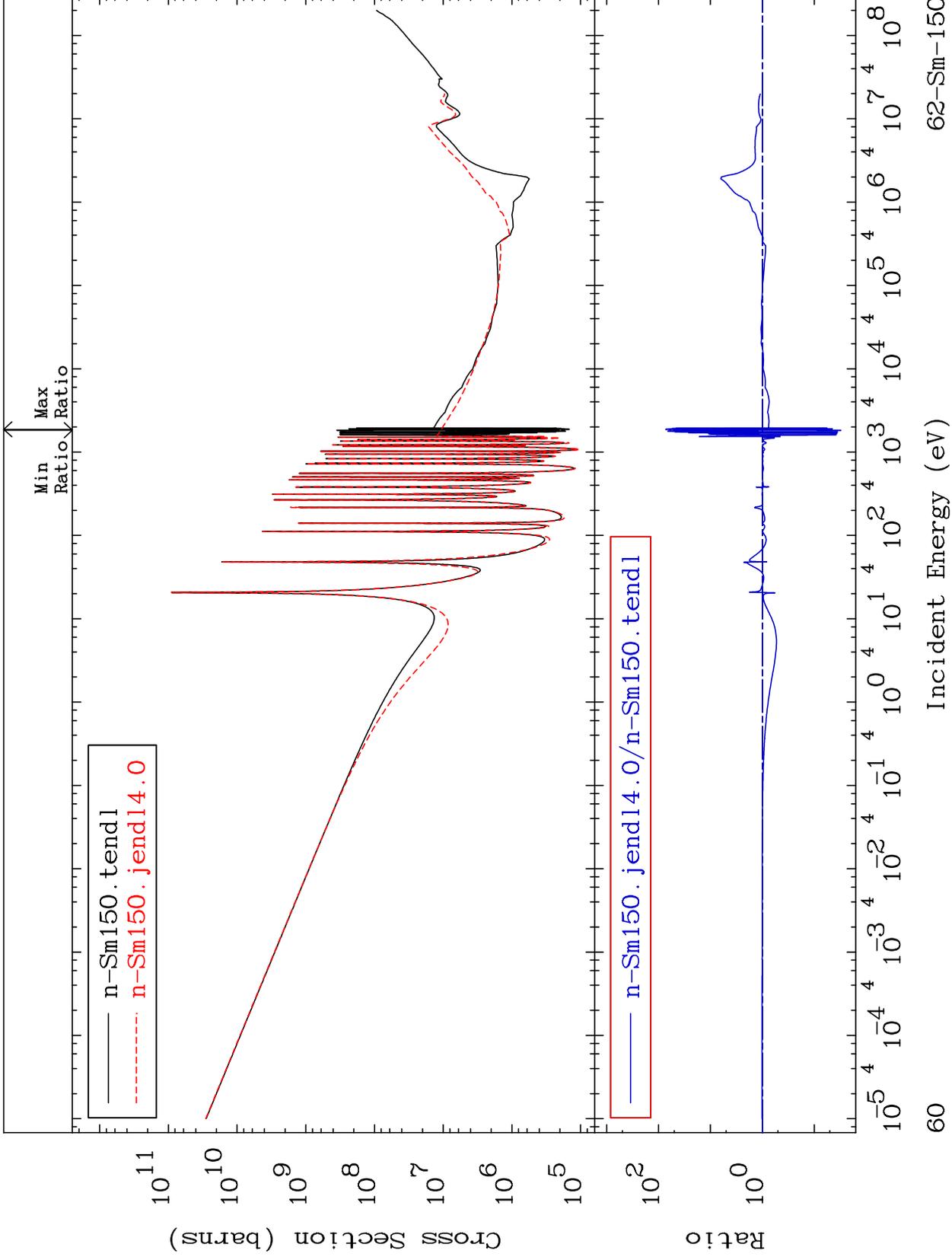




MAT 6243

Total kinematic kerma (high limit)
Cross Section

62-Sm-150
-96.93 To 7247. %



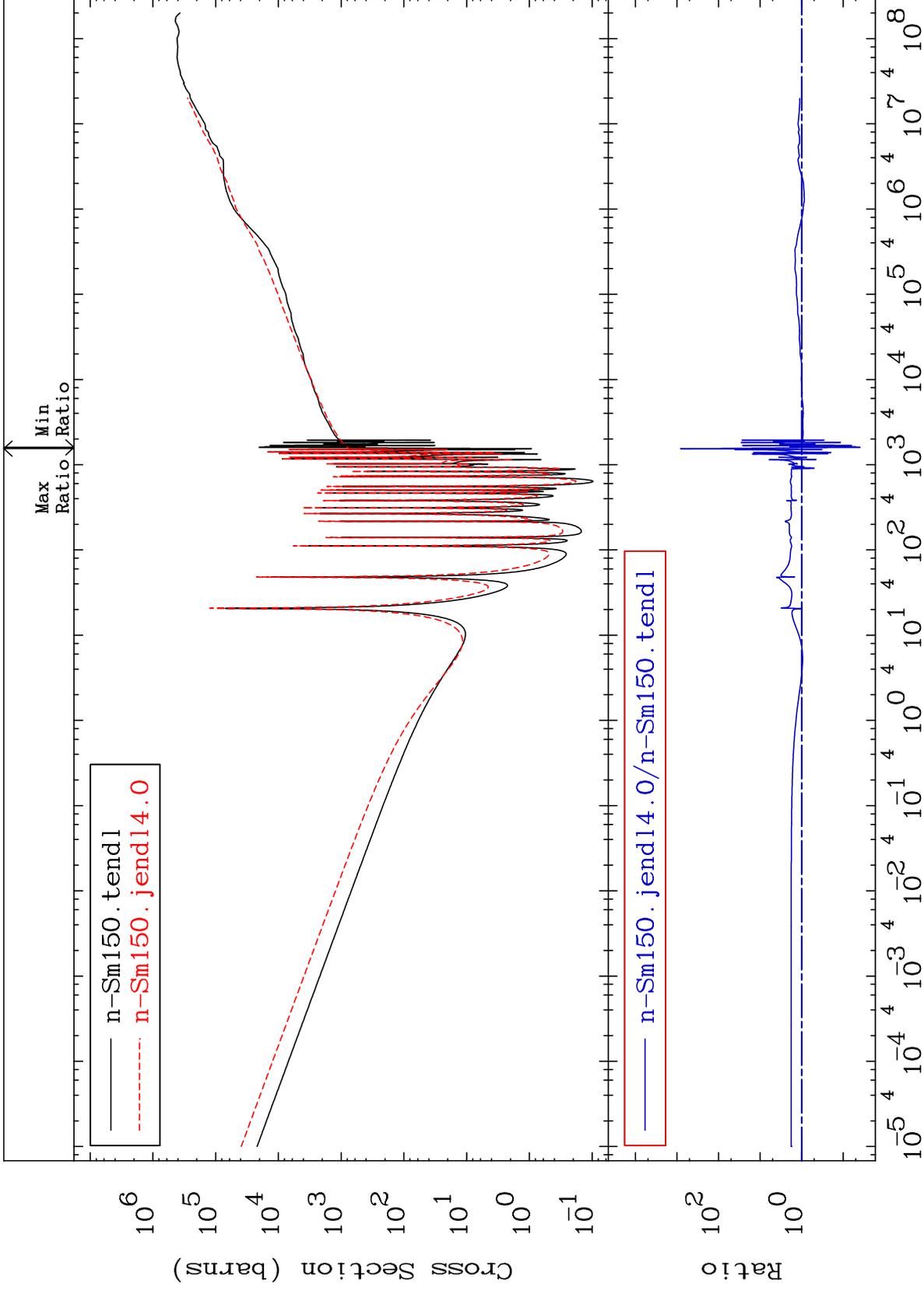
60

62-Sm-150

MAT 6243

Dpa total (eV-barns)
Cross Section

62-Sm-150
-96.08 To 9999. %



61

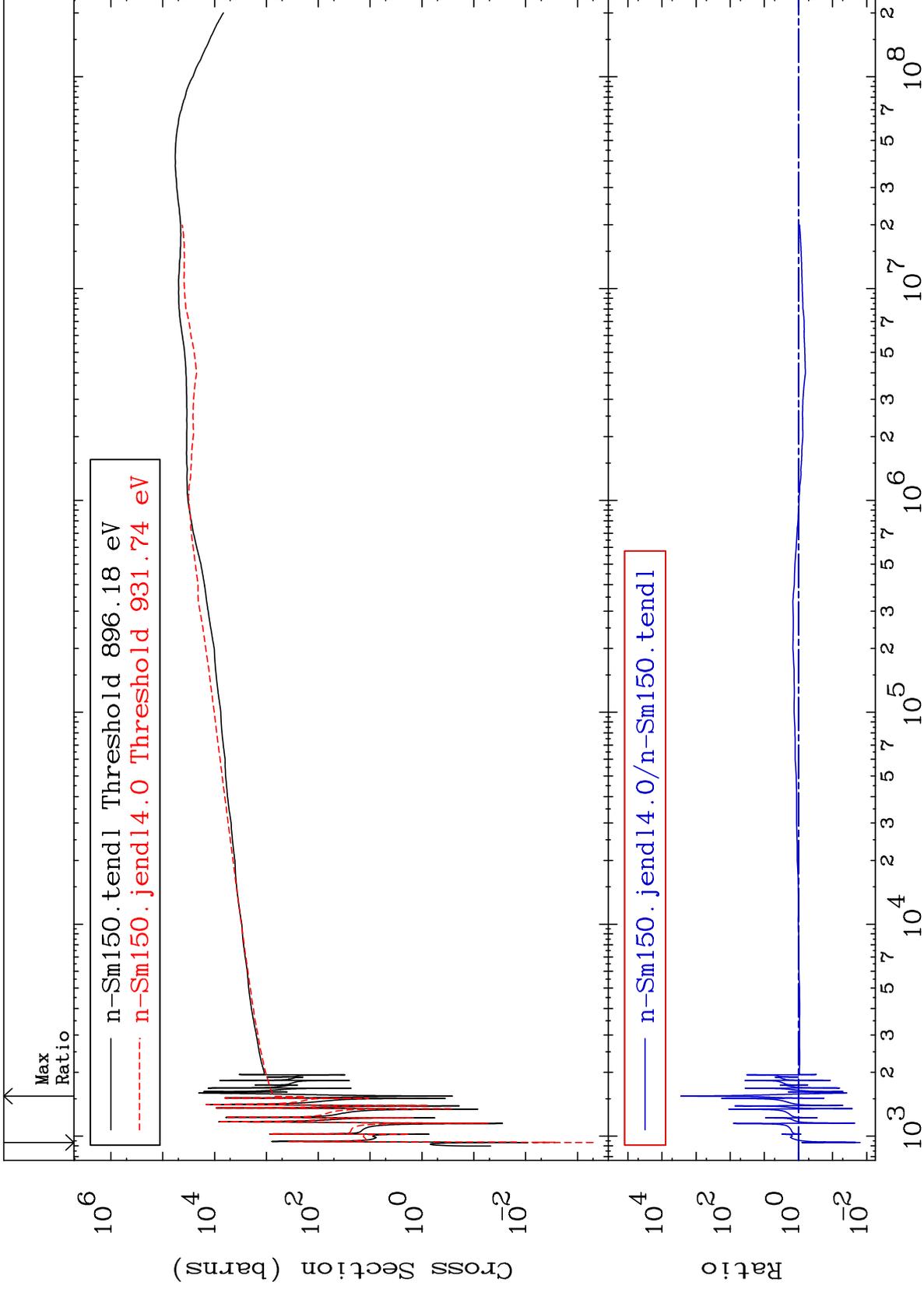
Incident Energy (eV)

62-Sm-150

MAT 6243

Dpa elastic (mt2)
Cross Section

62-Sm-150
-98.44 To 9999. %



62

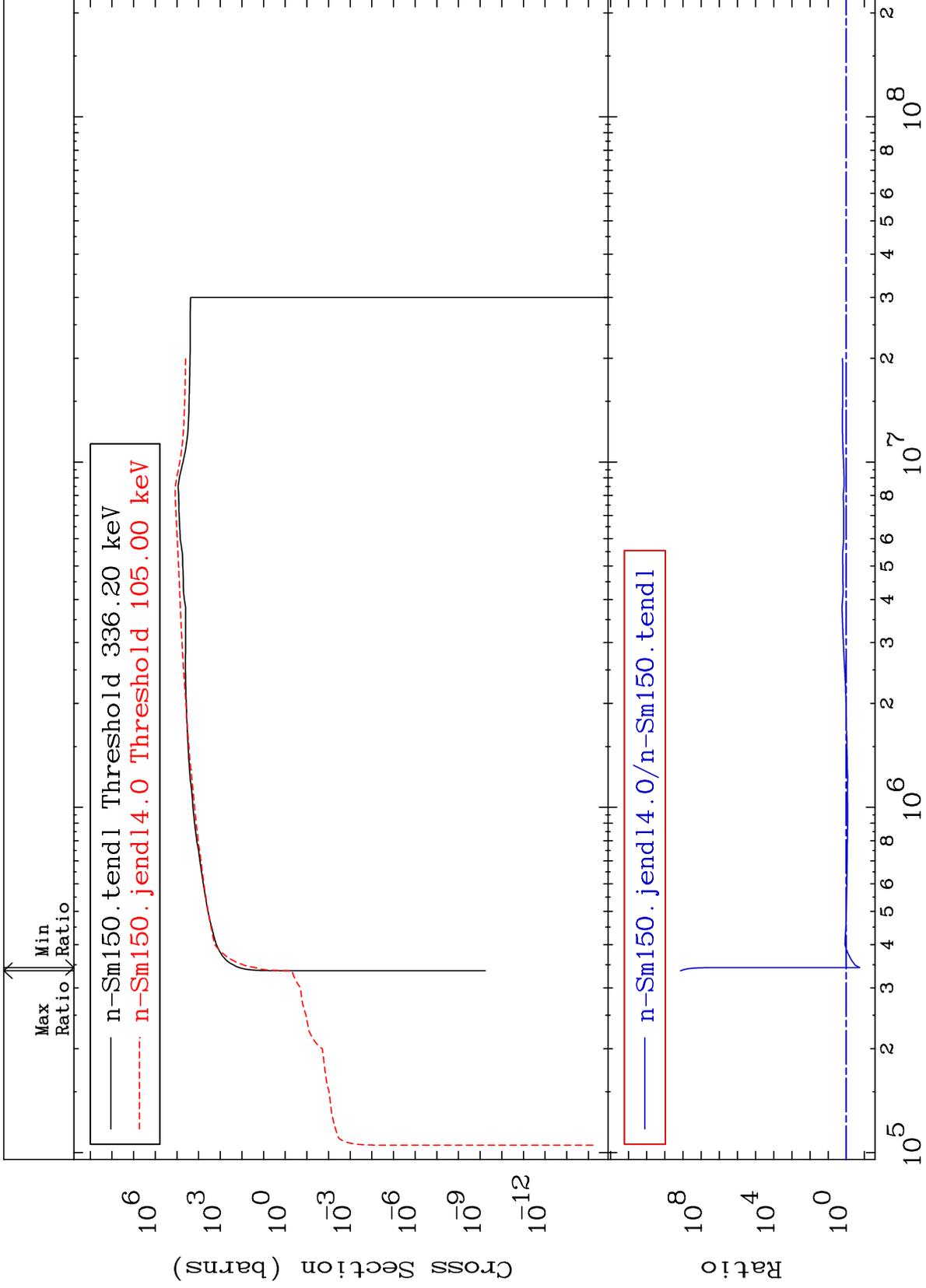
Incident Energy (eV)

62-Sm-150

MAT 6243

Dpa inelastic (mt51-91)
Cross Section

62-Sm-150
-81.91 To 9999. %



63

62-Sm-150

