

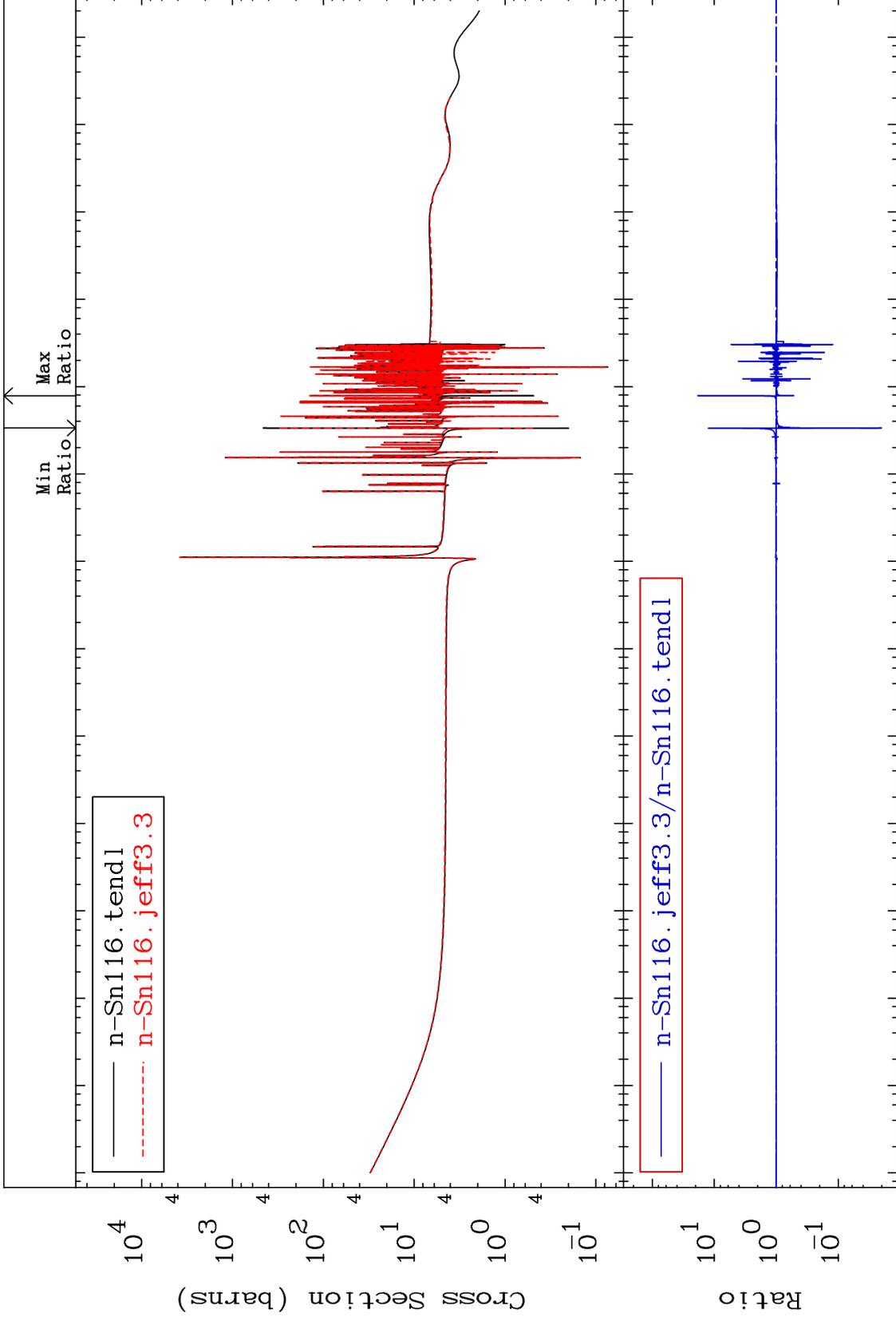
MAT 5037

Total

50-Sn-116

Cross Section

-97.99 To 1747. %



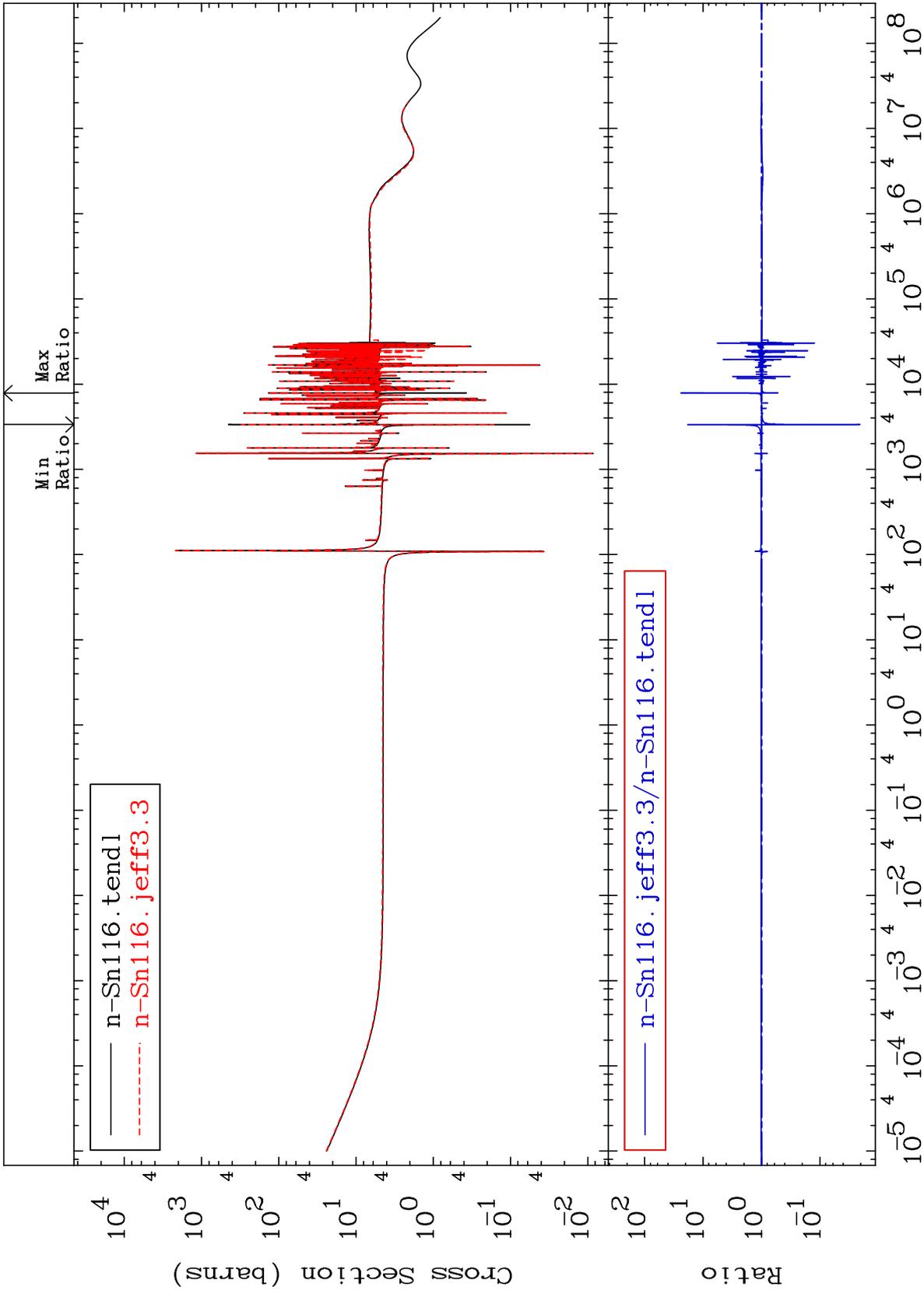
Incident Energy (eV)

50-Sn-116

MAT 5037

Elastic
Cross Section

50-Sn-116
-97.95 To 2311. %



2

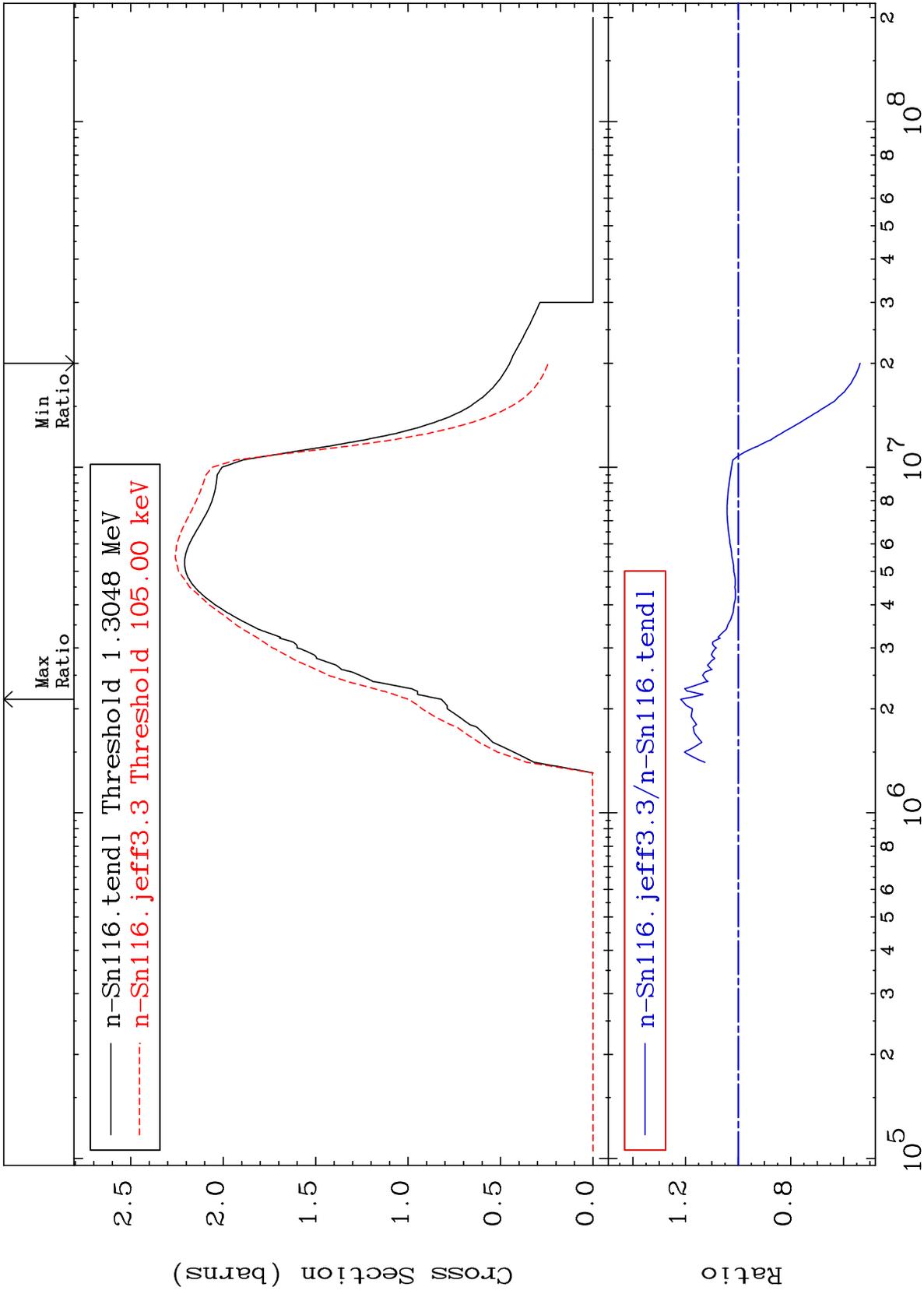
Incident Energy (eV)

50-Sn-116

MAT 5037

Inelastic
Cross Section

50-Sn-116
-46.31 To 21.84 %

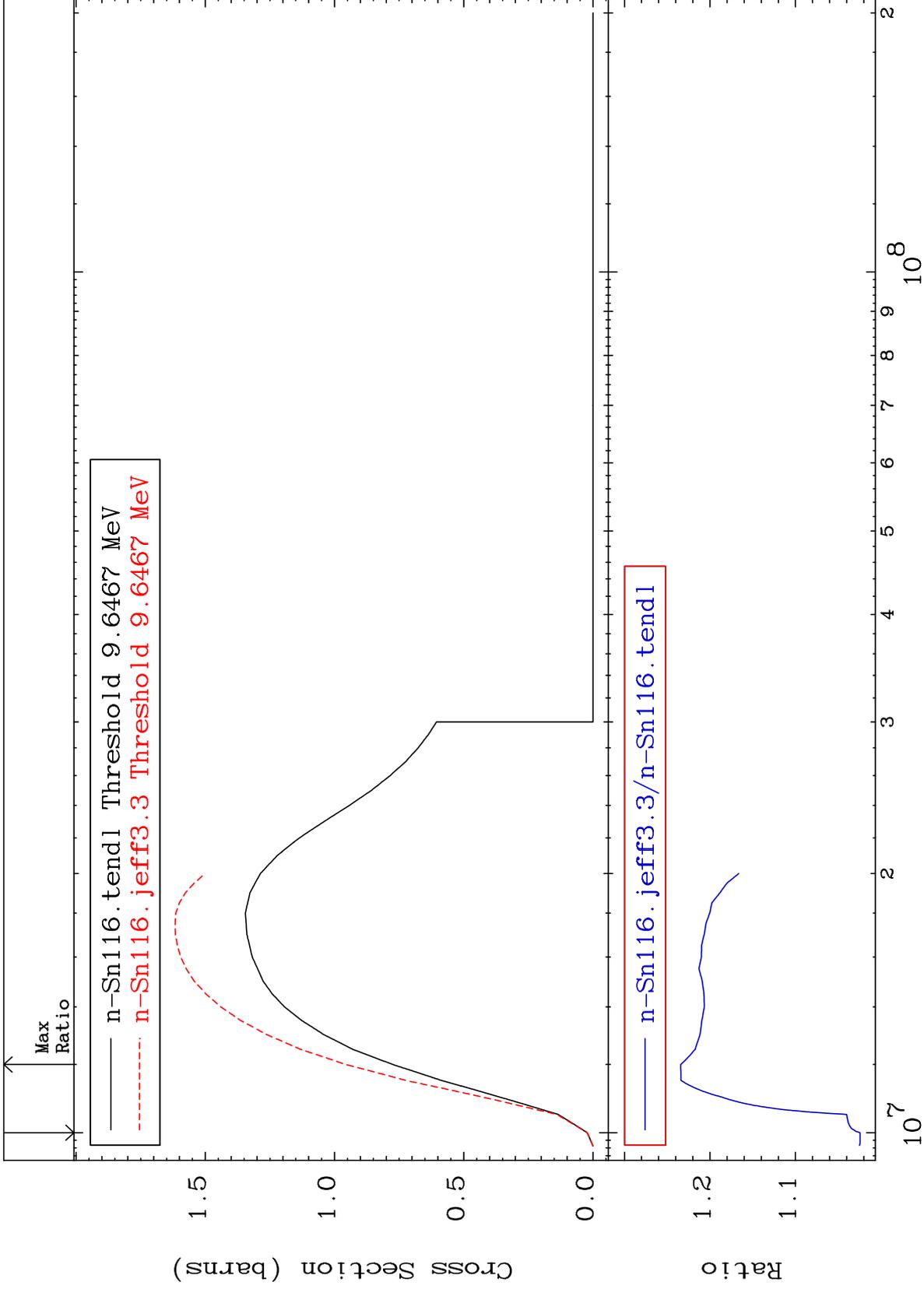


3

MAT 5037

(n,2n)
Cross Section

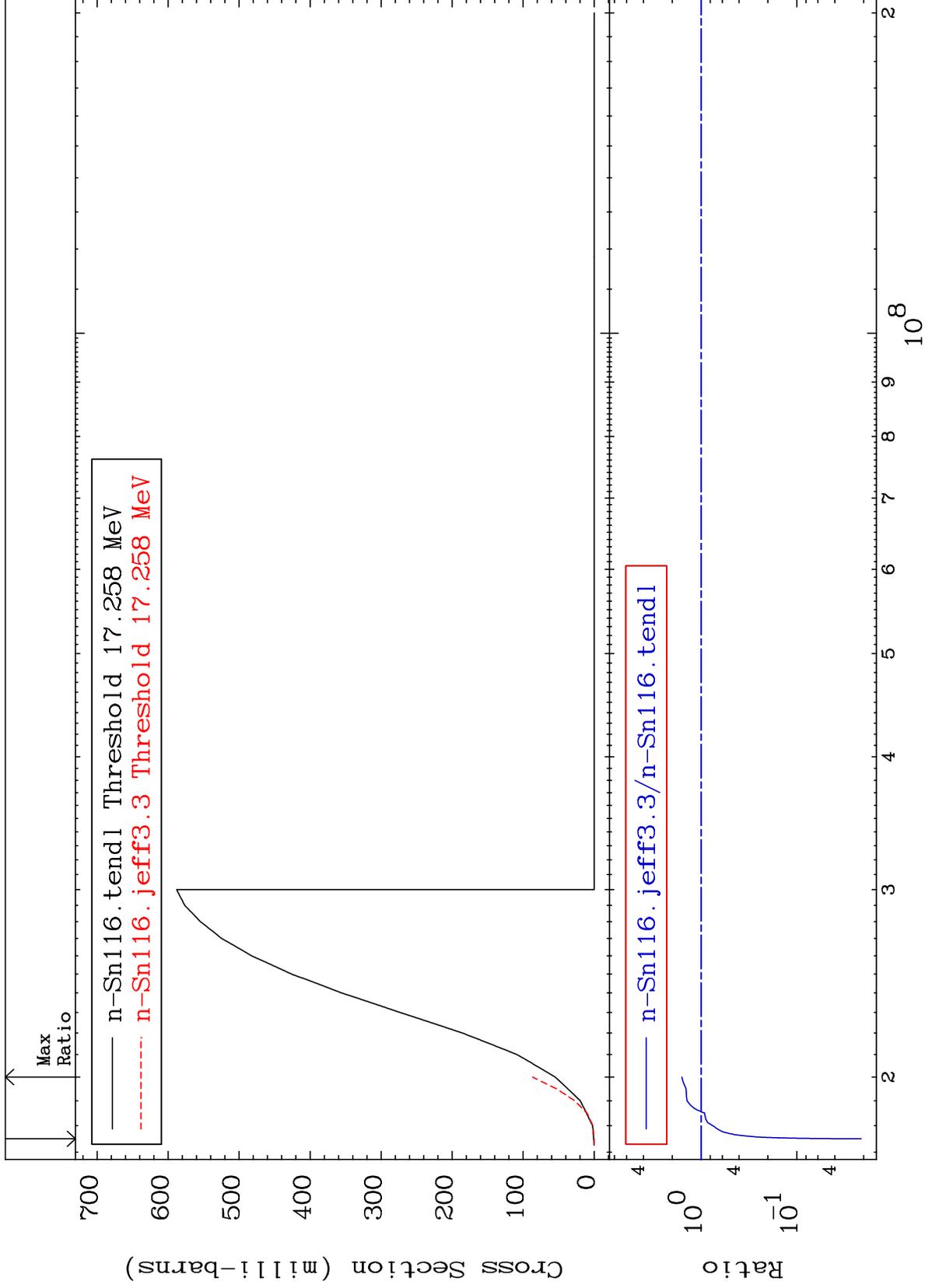
50-Sn-116
2.438 To 23.41 %



MAT 5037

(n,3n)
Cross Section

50-Sn-116
-97.87 To 58.33 %



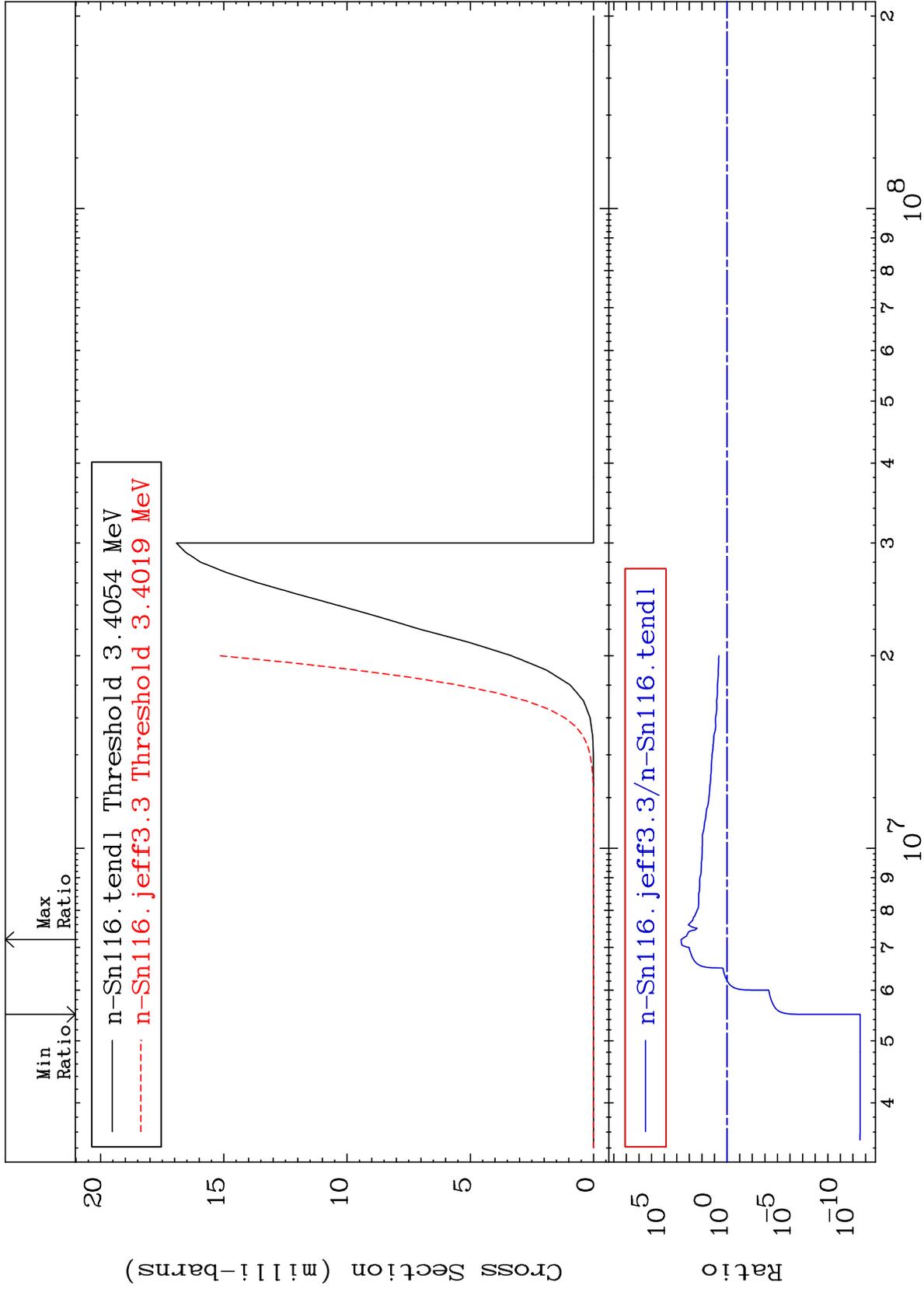
MAT 5037

(n,n') α

50-Sn-116

Cross Section

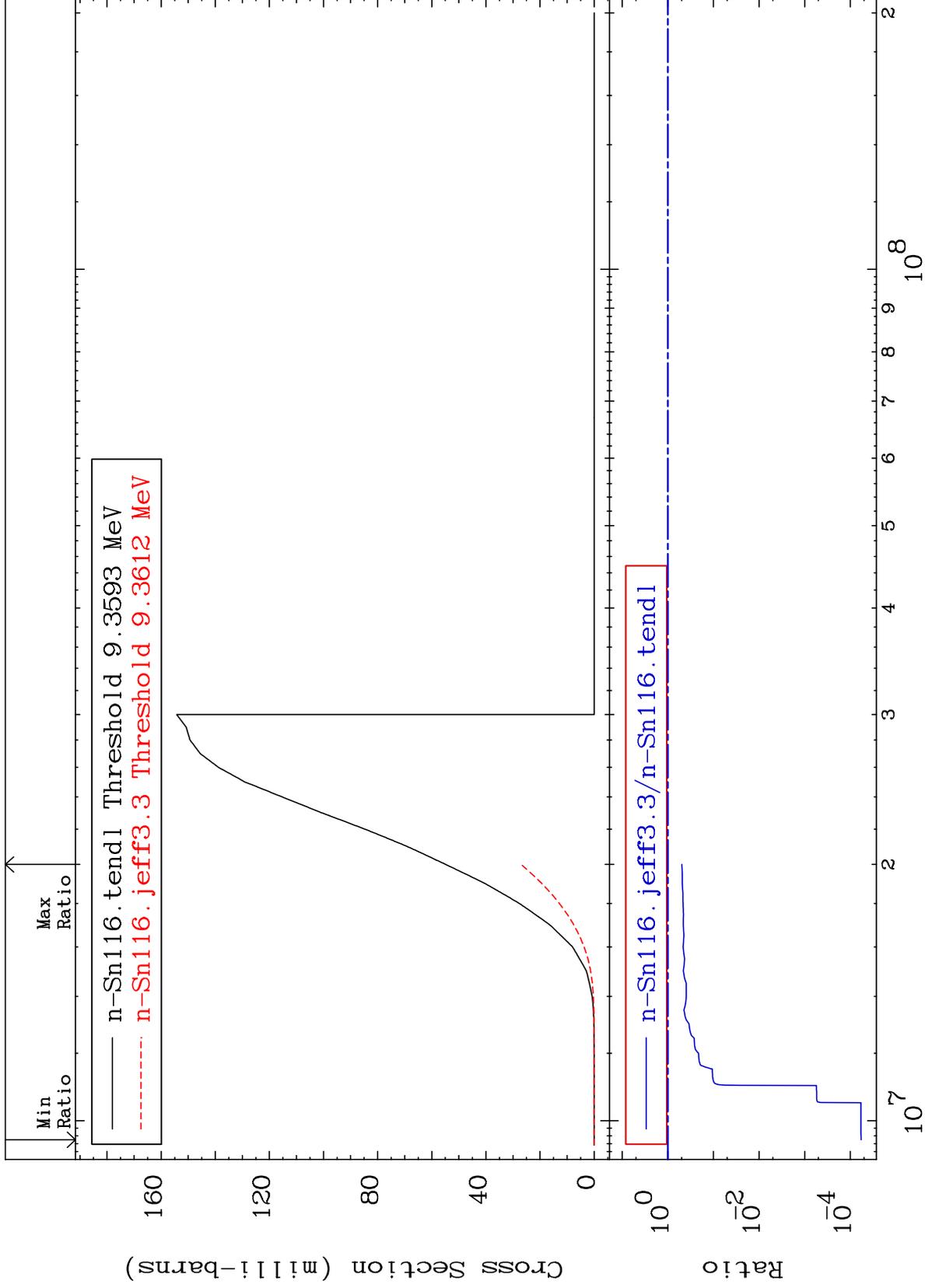
-100.0 To 9999. %



MAT 5037

(n,n') p
Cross Section

50-Sn-116
-99.99 To -50.85%



7

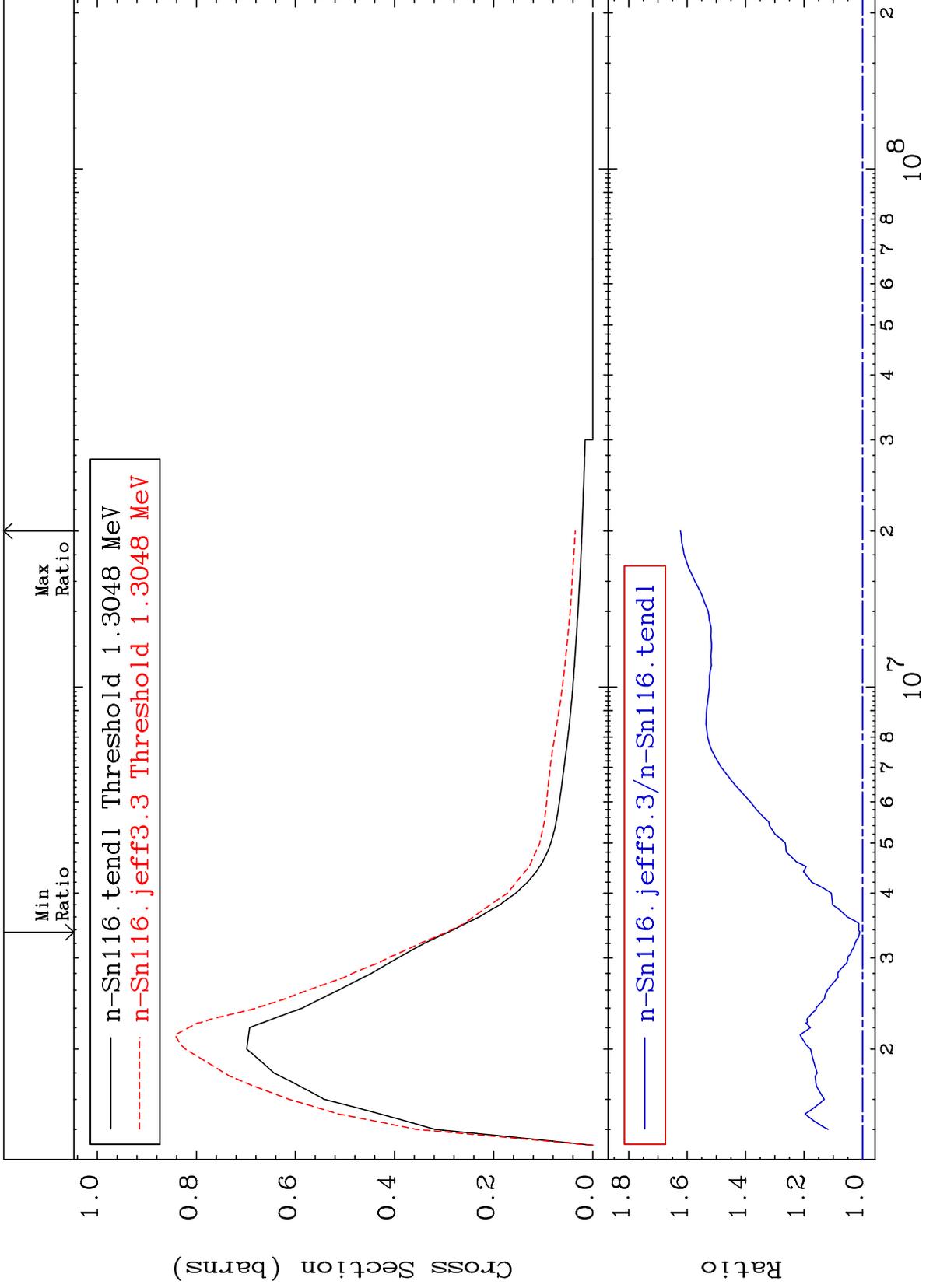
Incident Energy (eV)

50-Sn-116

MAT 5037

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

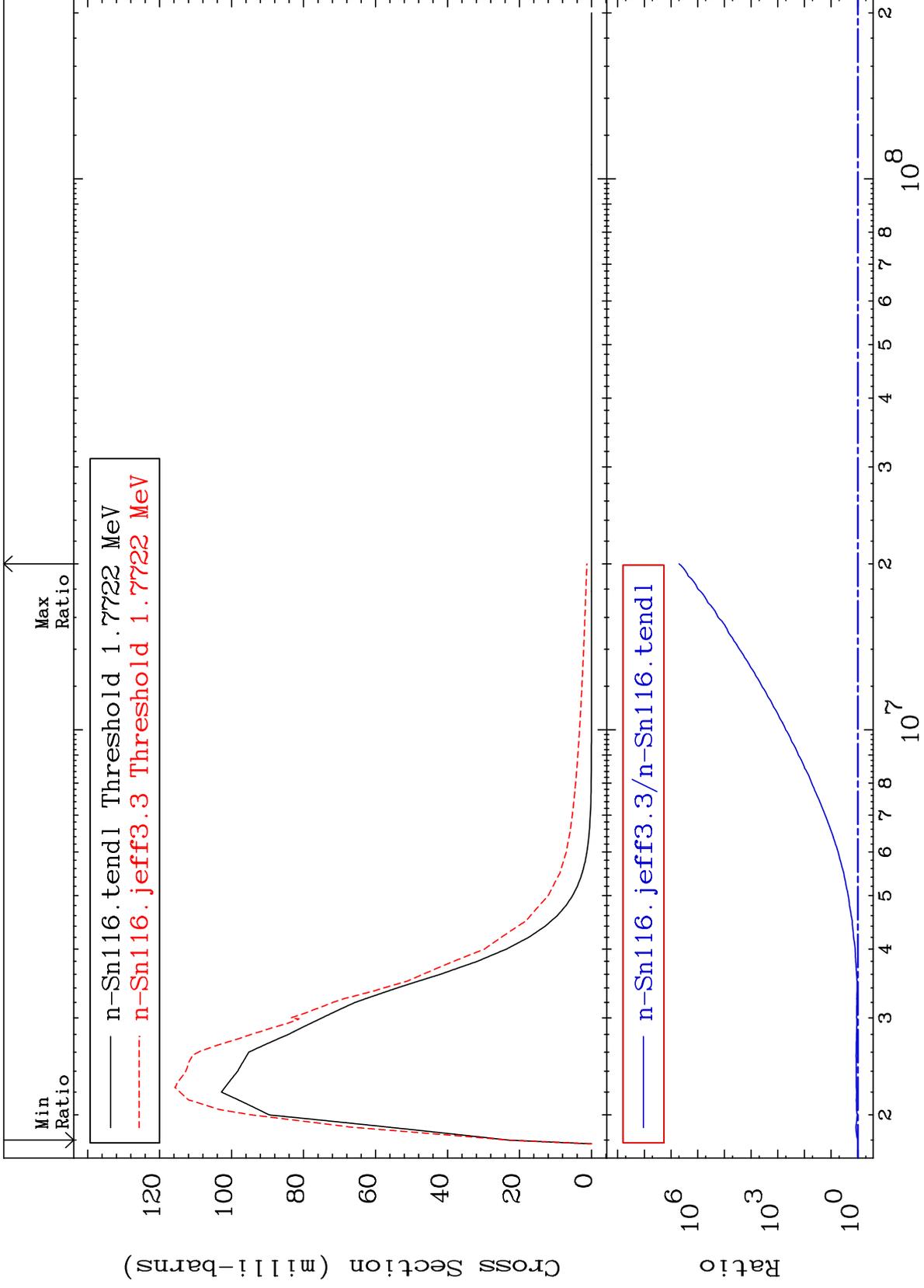
50-Sn-116
0.912 To 62.29 %



MAT 5037

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

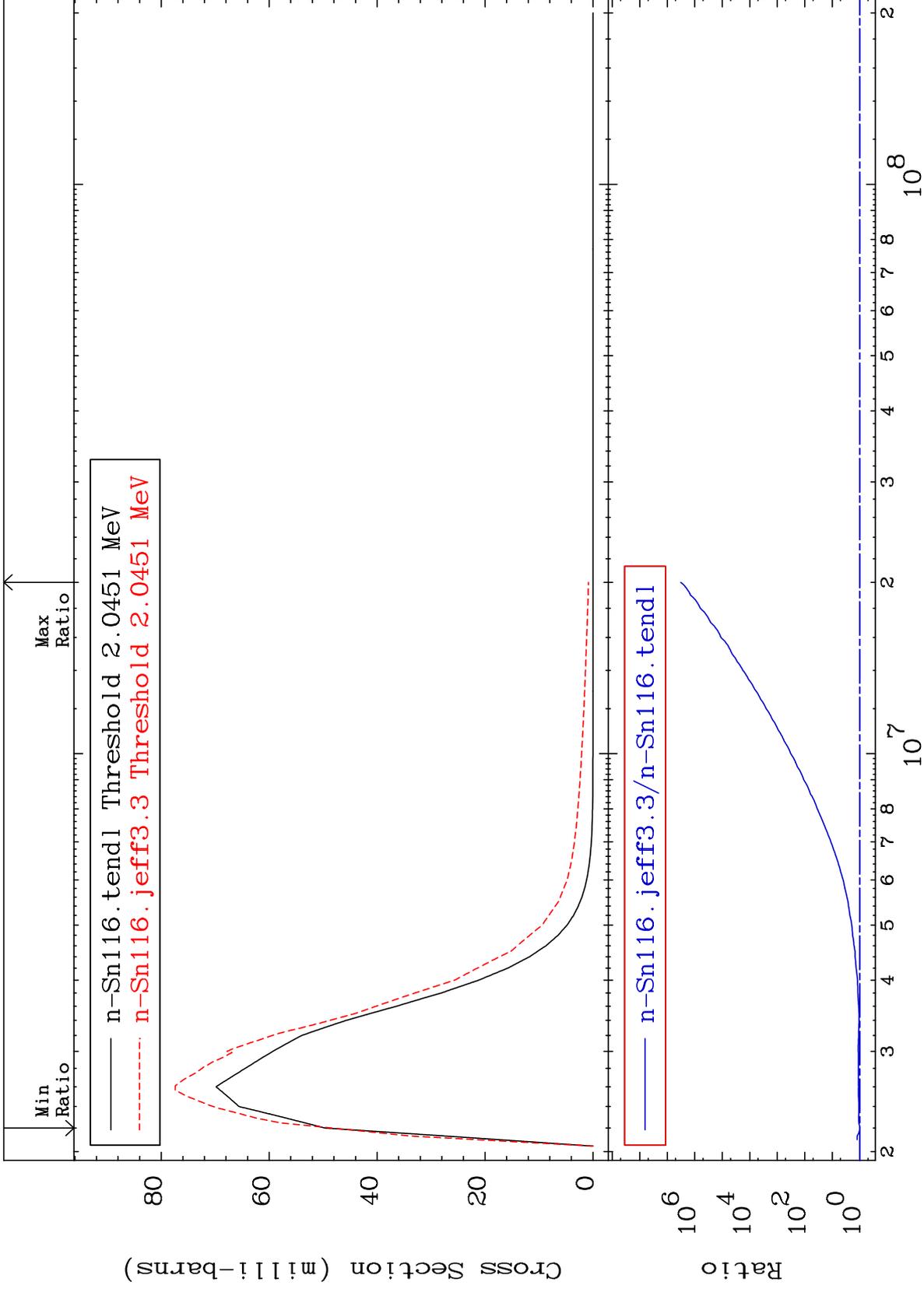
50-Sn-116
-0.807 To 9999. %



MAT 5037

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

50-Sn-116
-2.731 To 9999. %



10

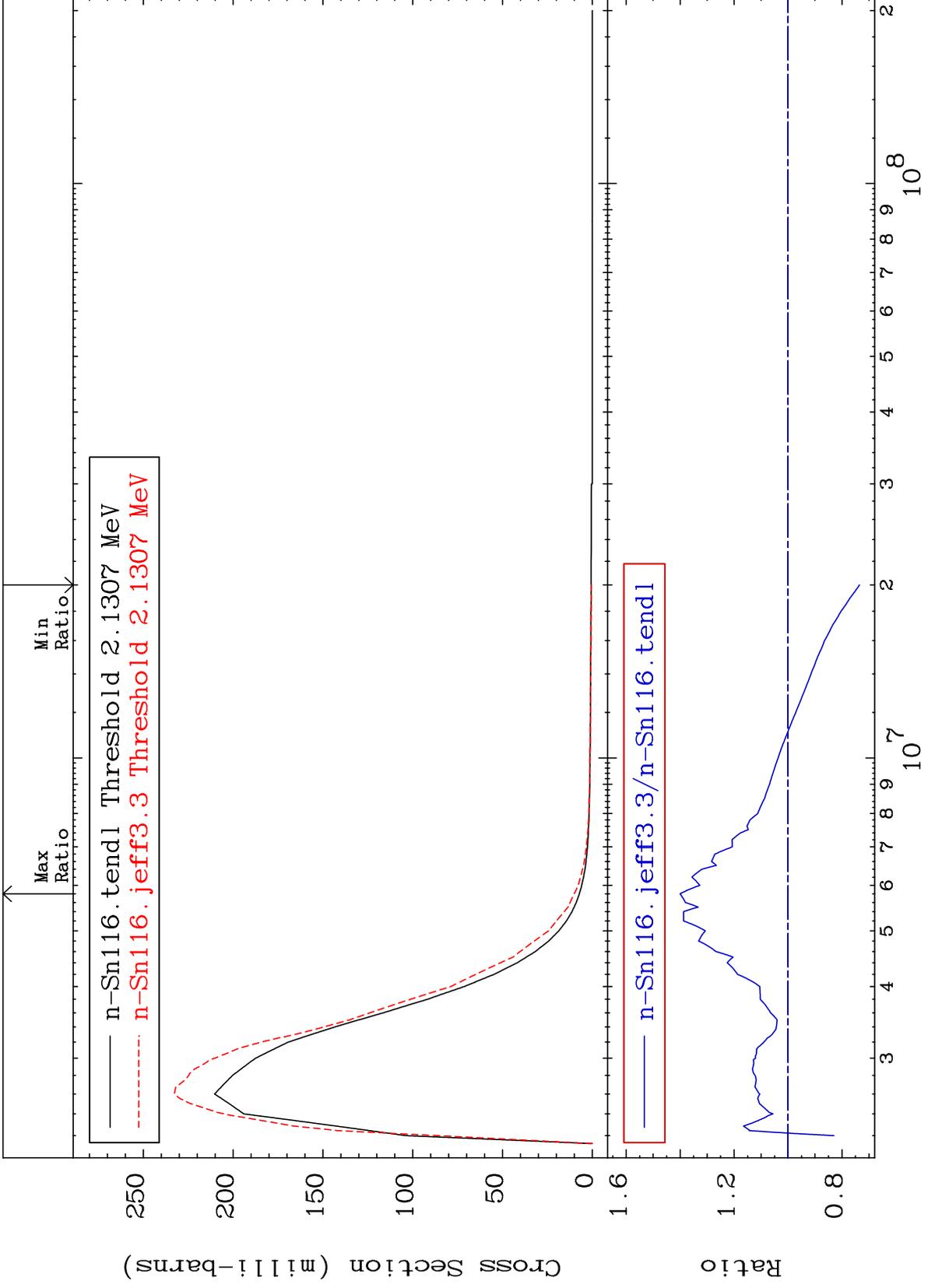
Incident Energy (eV)

50-Sn-116

MAT 5037

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

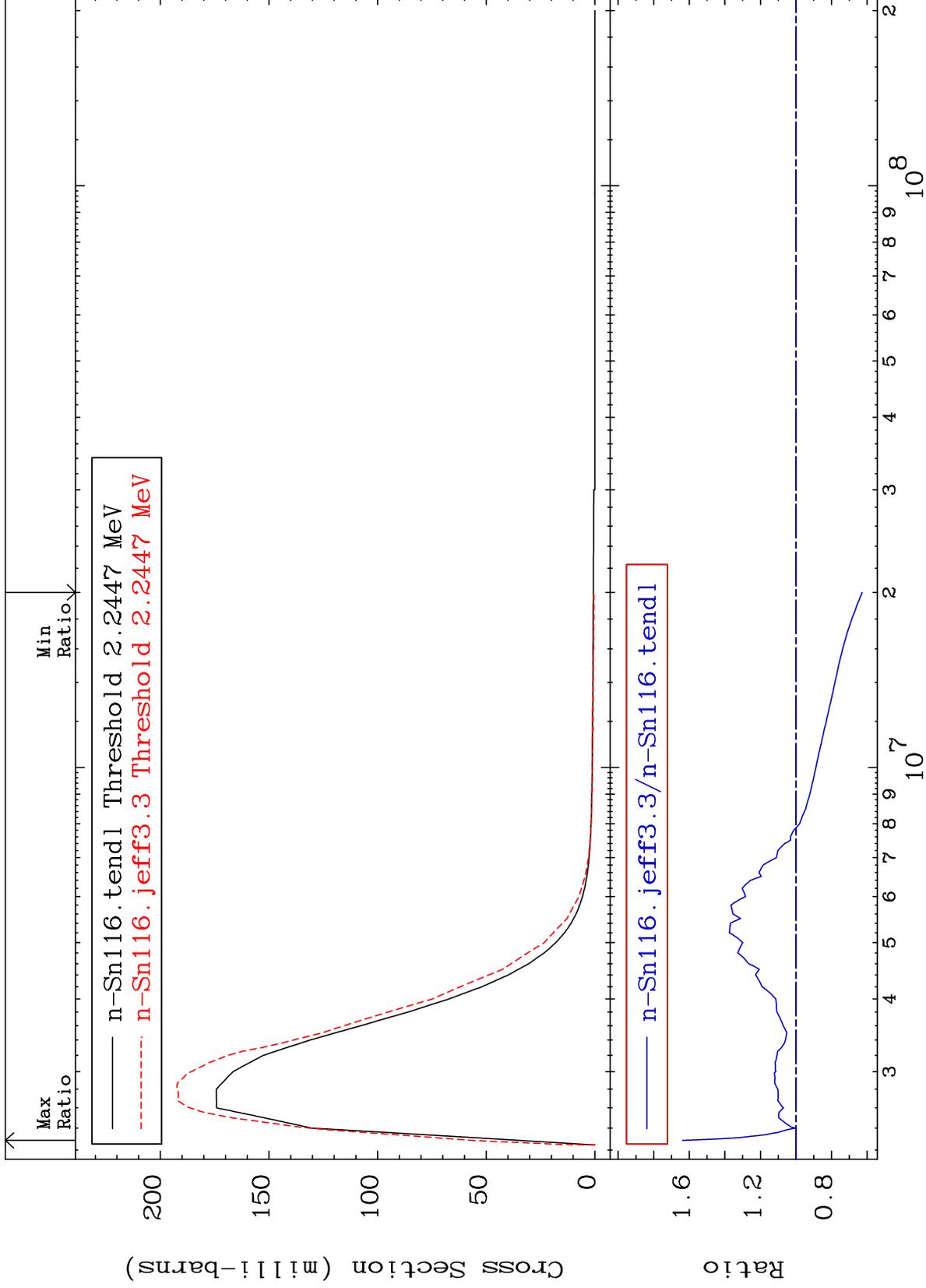
50-Sn-116
-26.45 To 40.03 %



MAT 5037

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

50-Sn-116
-37.14 To 63.73 %



12

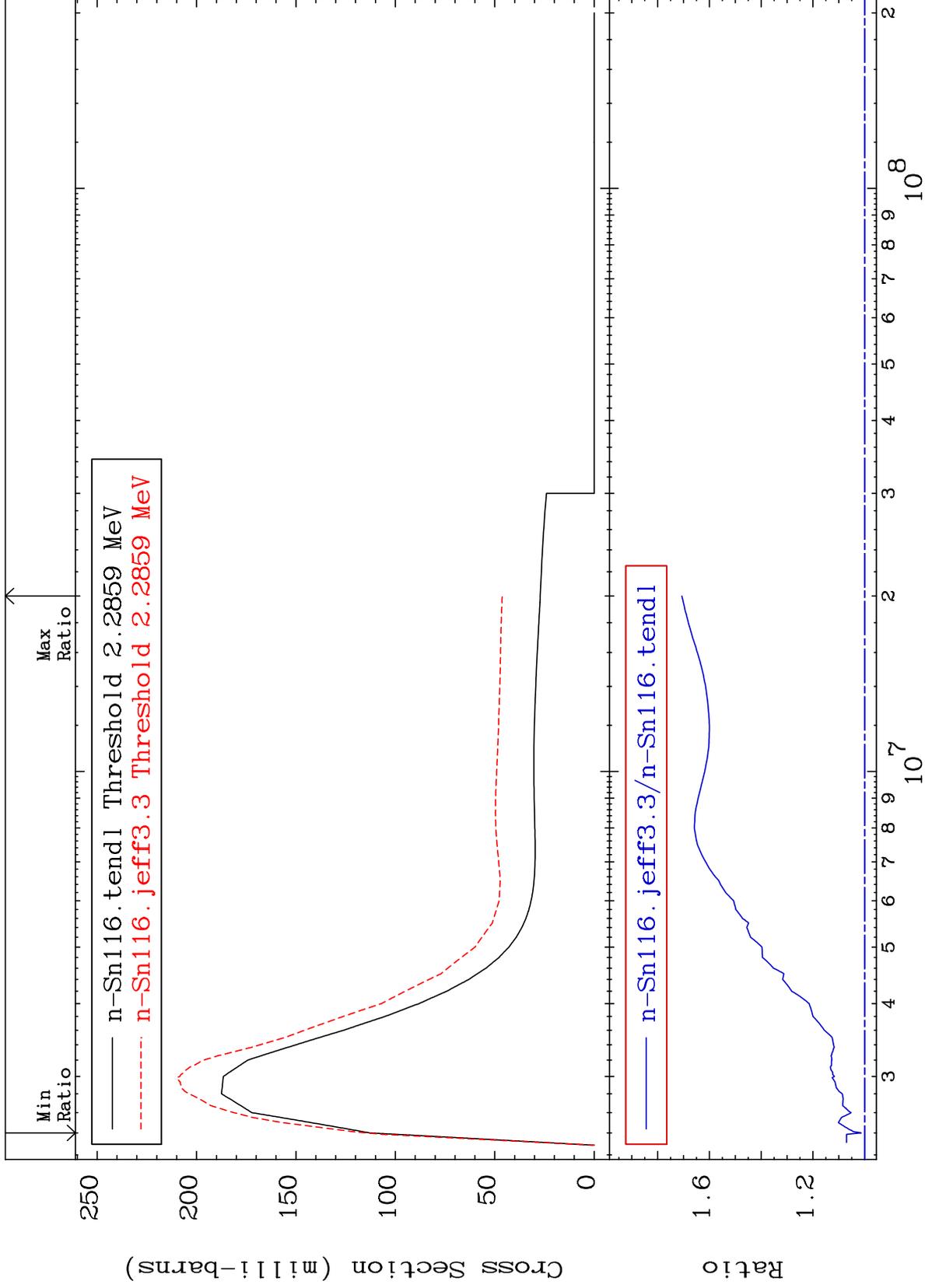
Incident Energy (eV)

50-Sn-116

MAT 5037

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

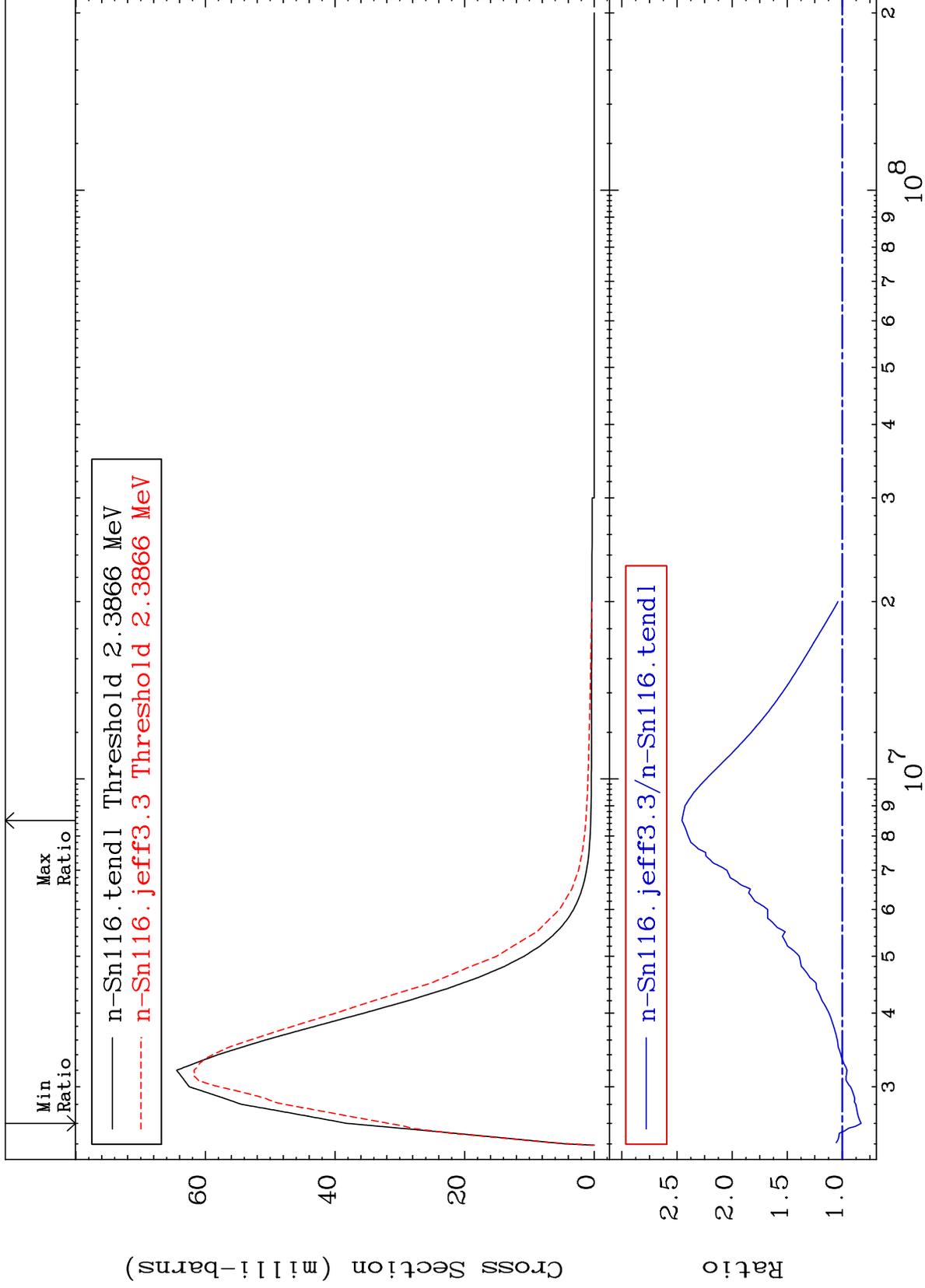
50-Sn-116
1.376 To 70.60 %



MAT 5037

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

50-Sn-116
-16.97 To 145.5 %



14

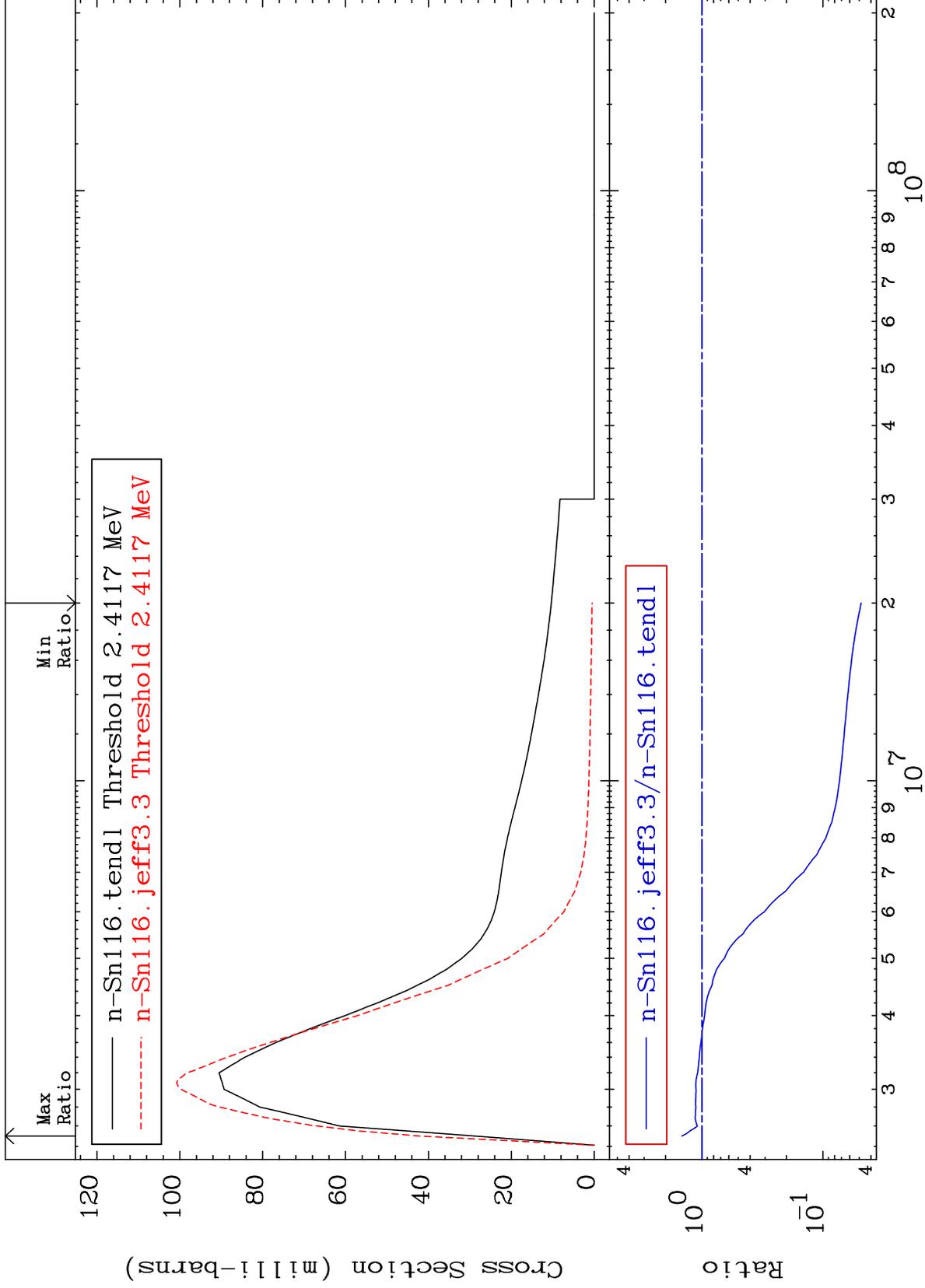
Incident Energy (eV)

50-Sn-116

MAT 5037

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

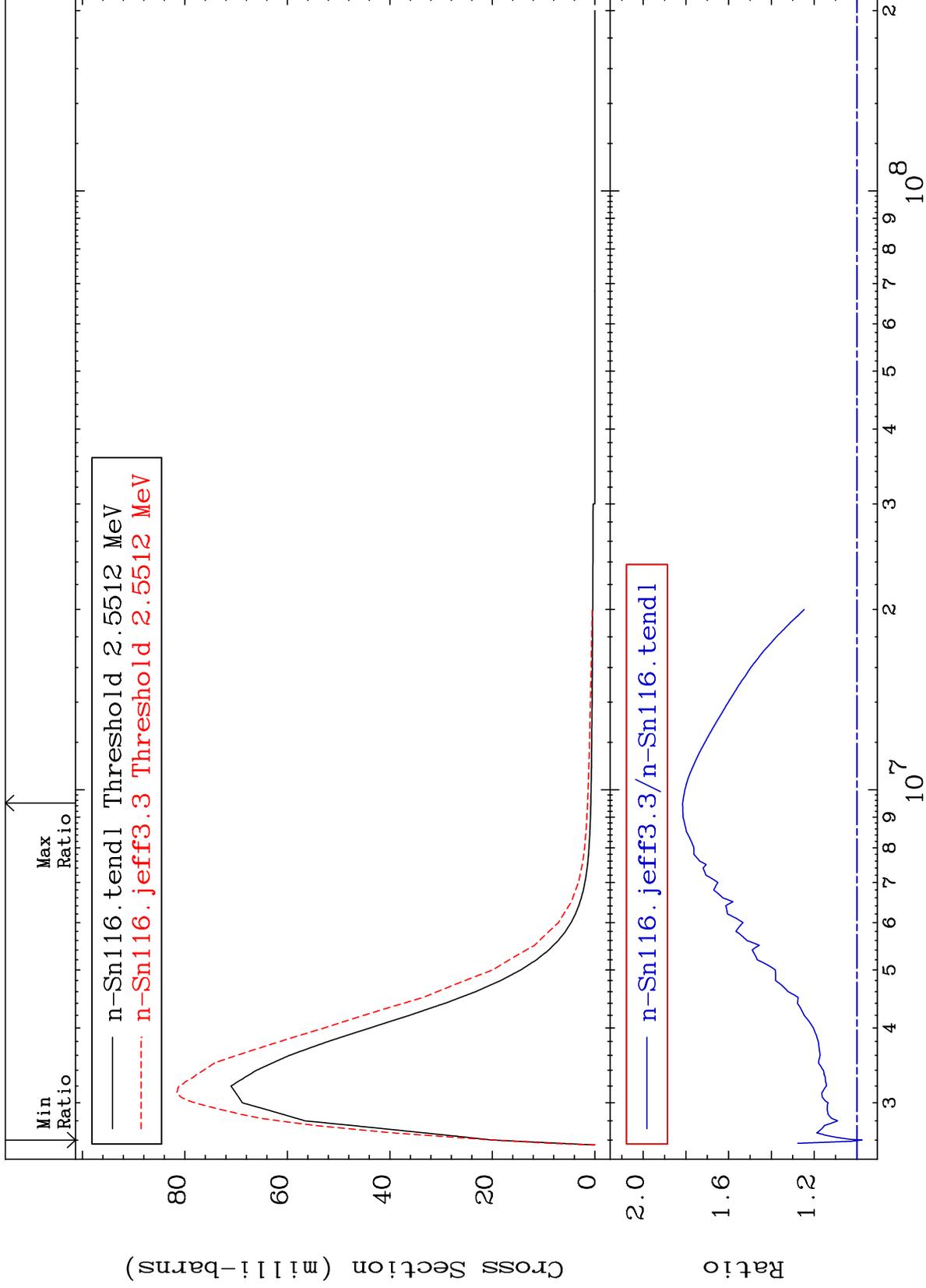
50-Sn-116
-95.18 To 46.29 %



MAT 5037

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

50-Sn-116
-2.434 To 81.53 %



16

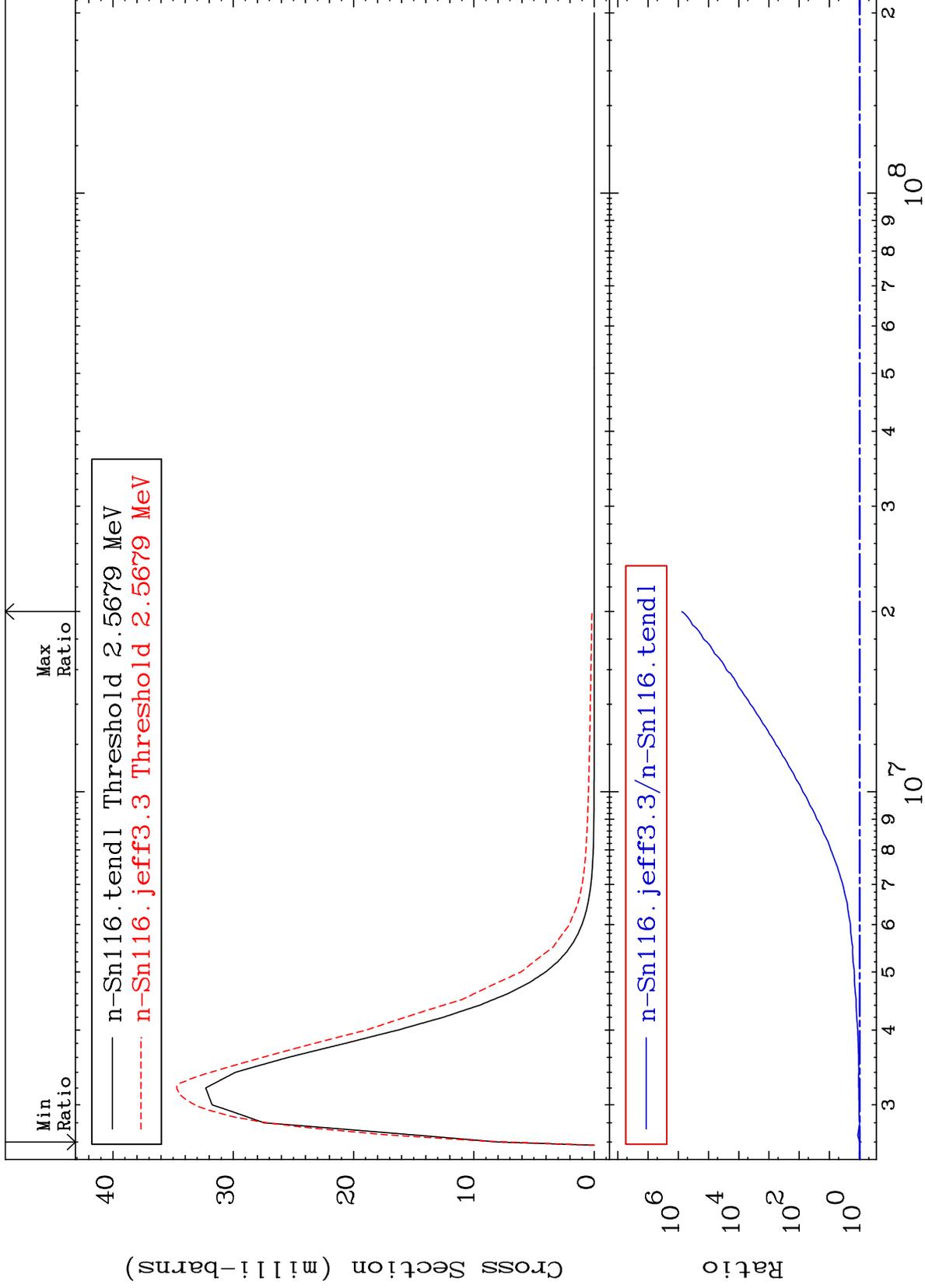
Incident Energy (eV)

50-Sn-116

MAT 5037

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

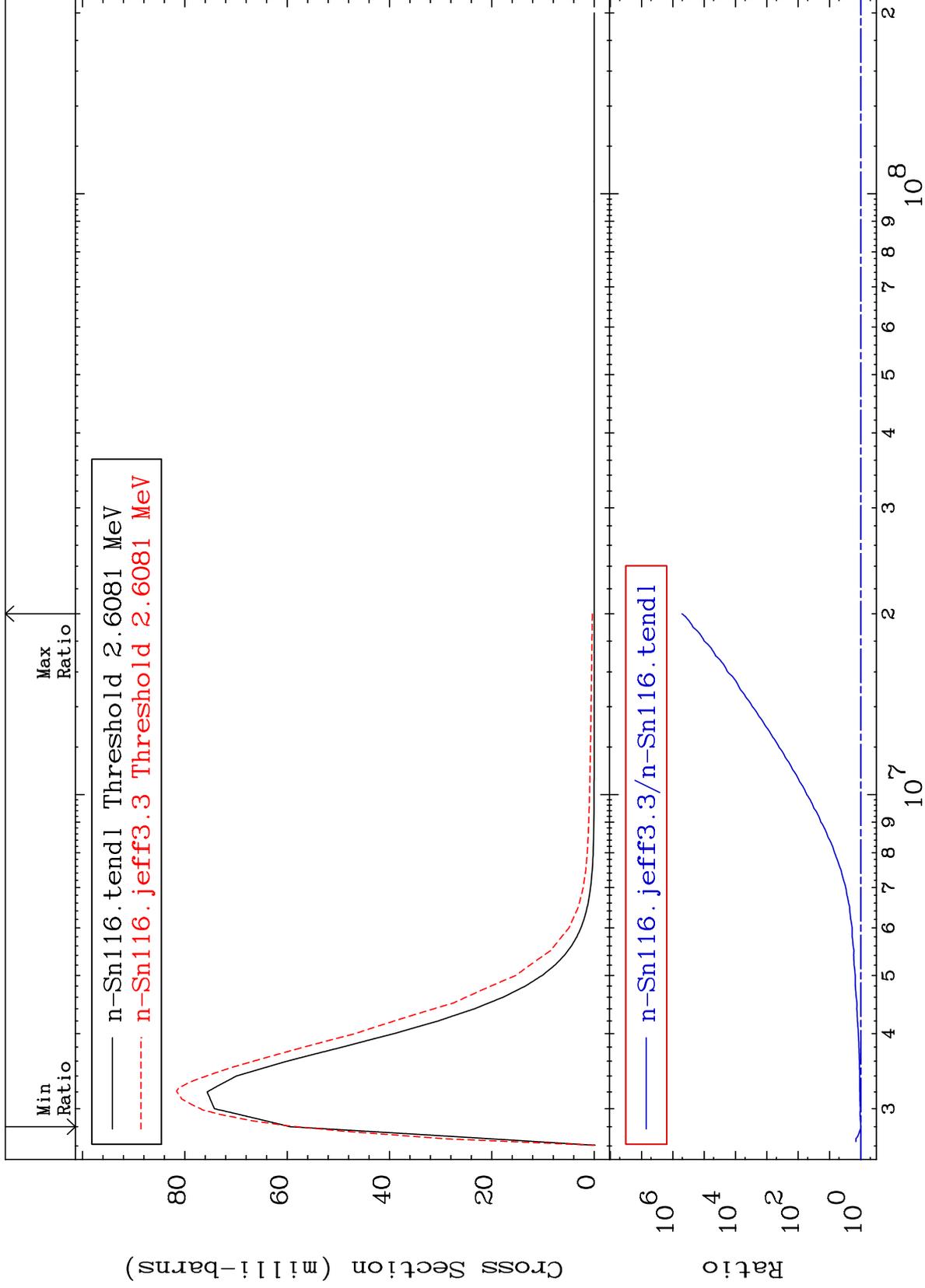
50-Sn-116
-10.47 To 9999. %



MAT 5037

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

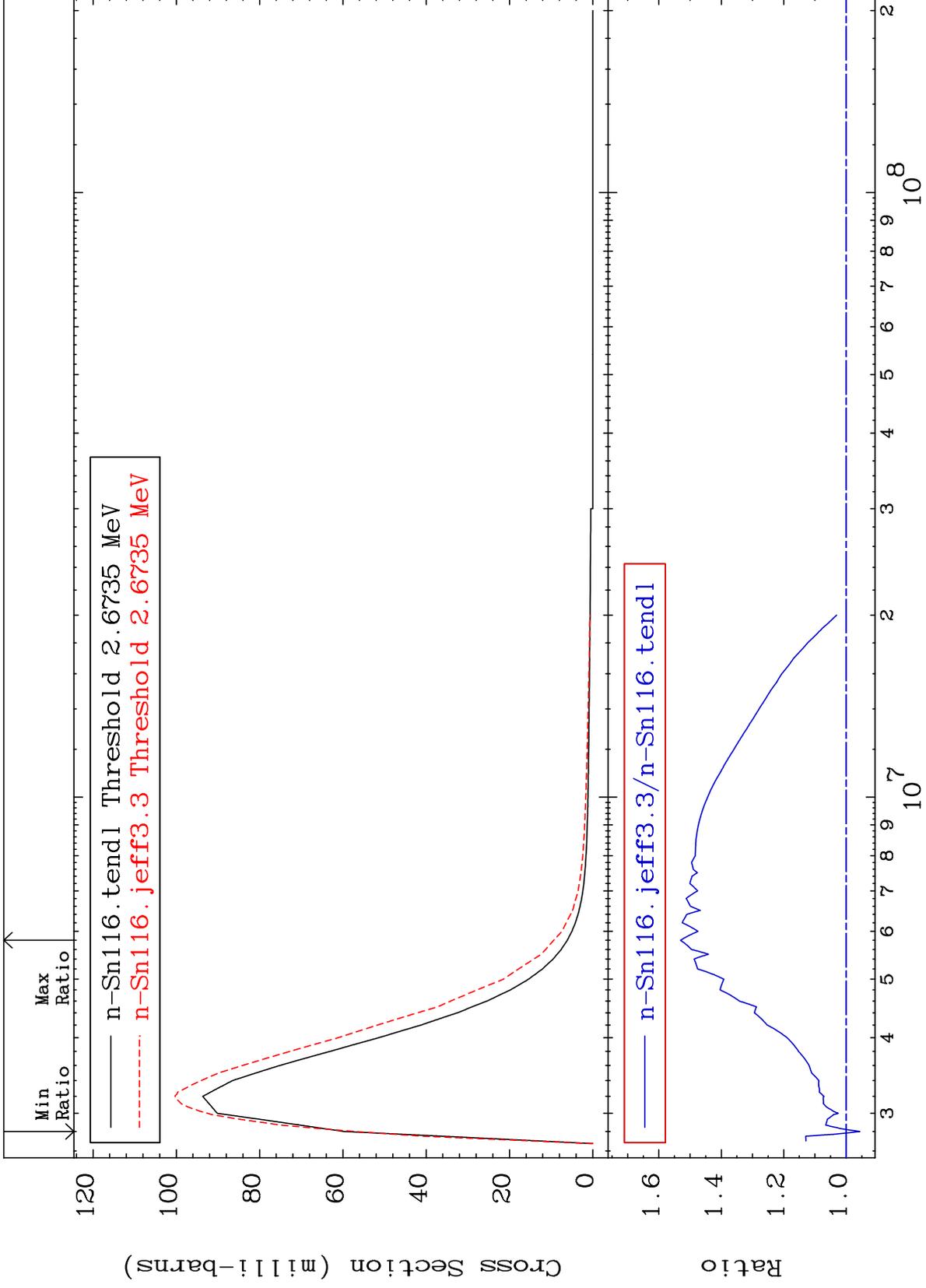
50-Sn-116
-2.226 To 9999. %



MAT 5037

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

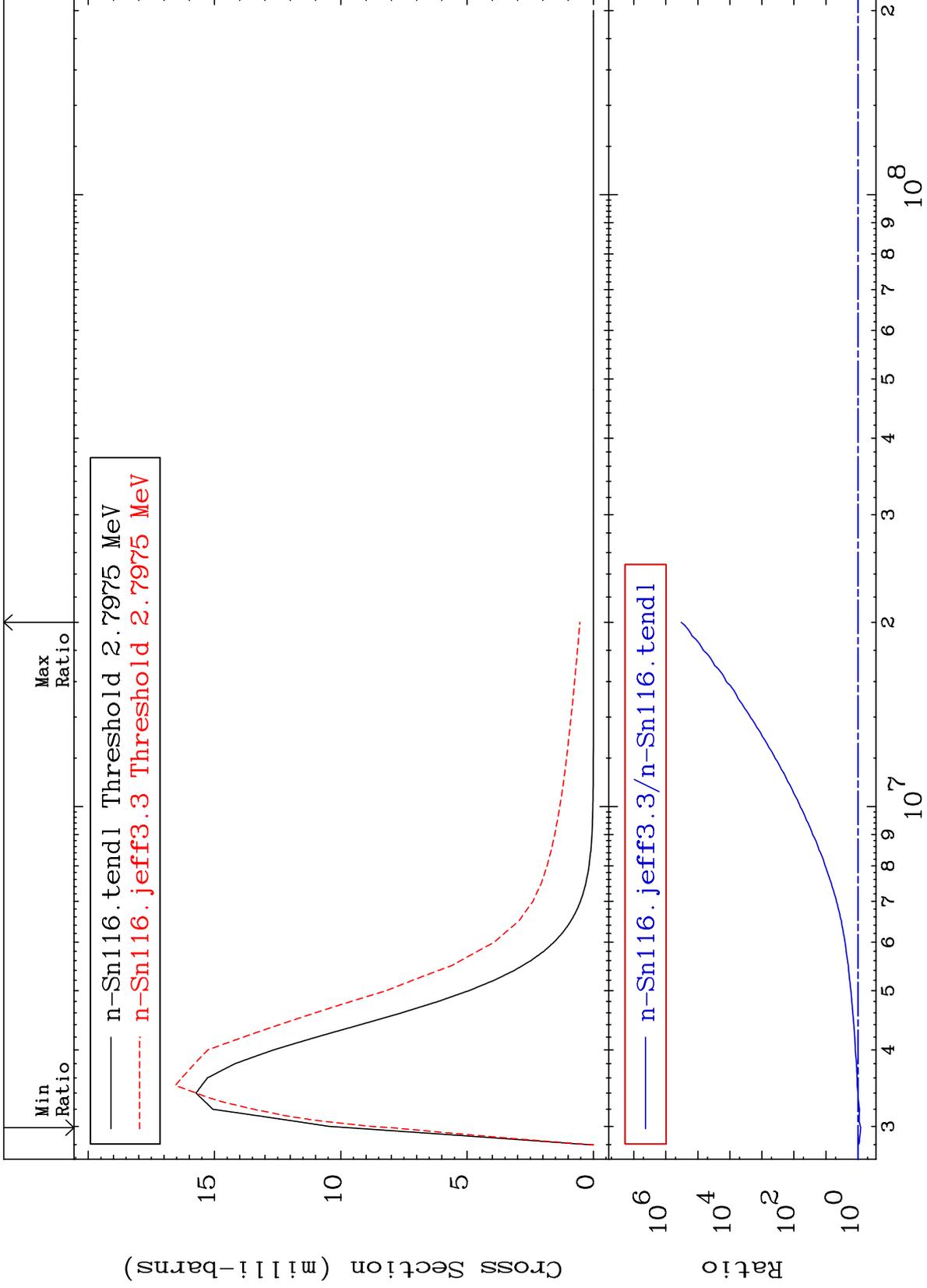
50-Sn-116
-4.360 To 53.06 %



MAT 5037

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

50-Sn-116
-17.95 To 9999. %



20

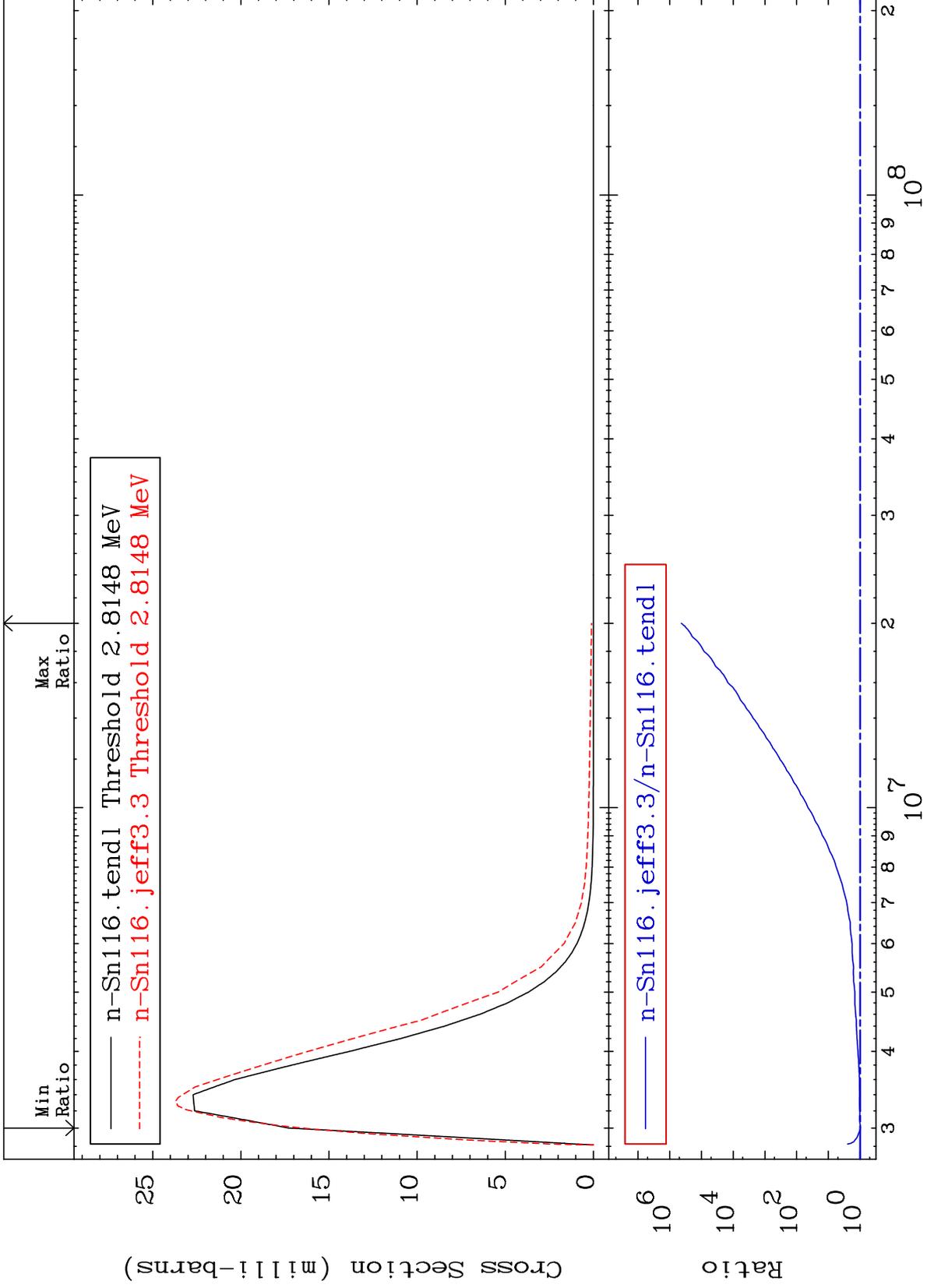
Incident Energy (eV)

50-Sn-116

MAT 5037

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

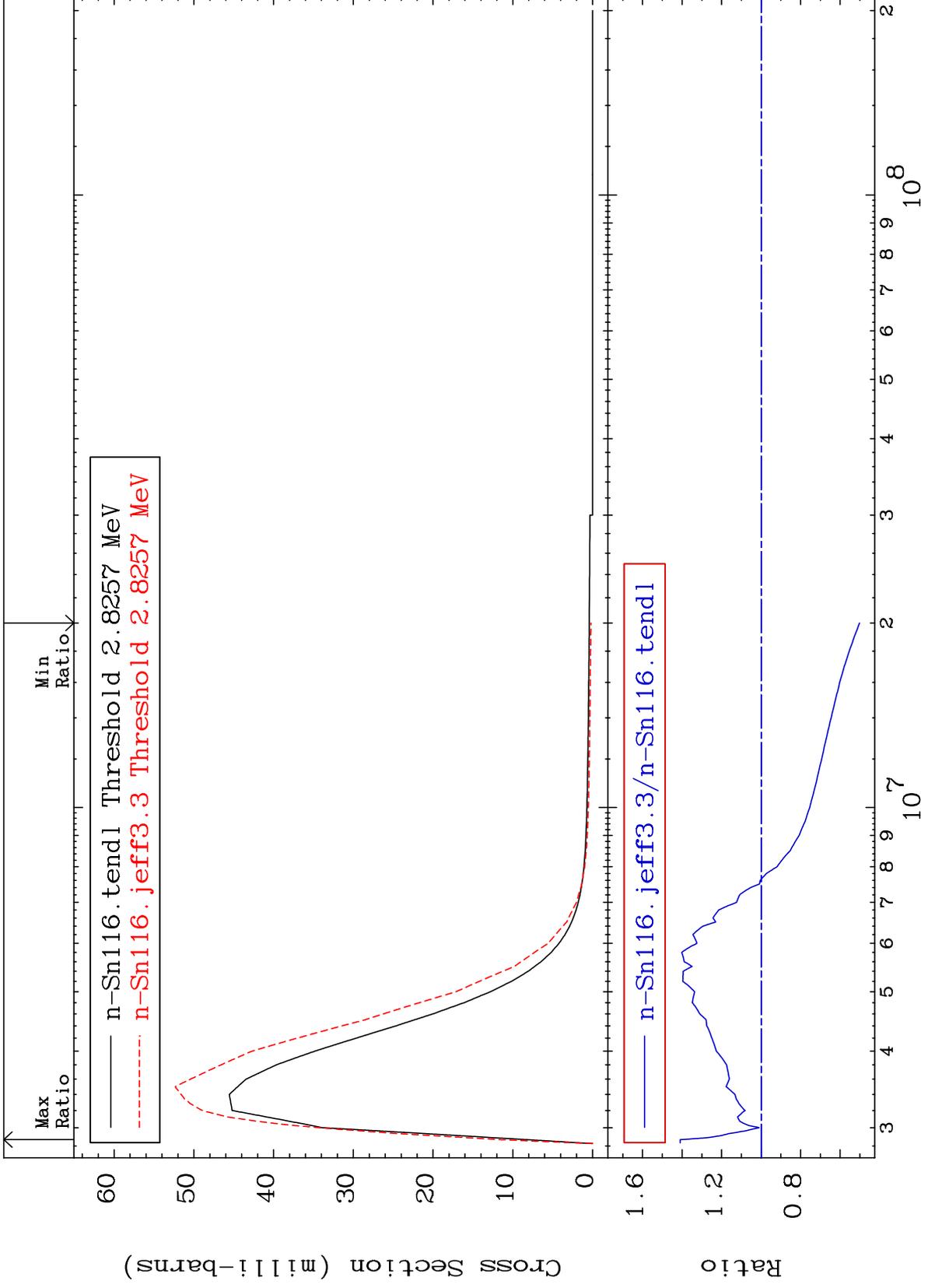
50-Sn-116
-4.534 To 9999. %



MAT 5037

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

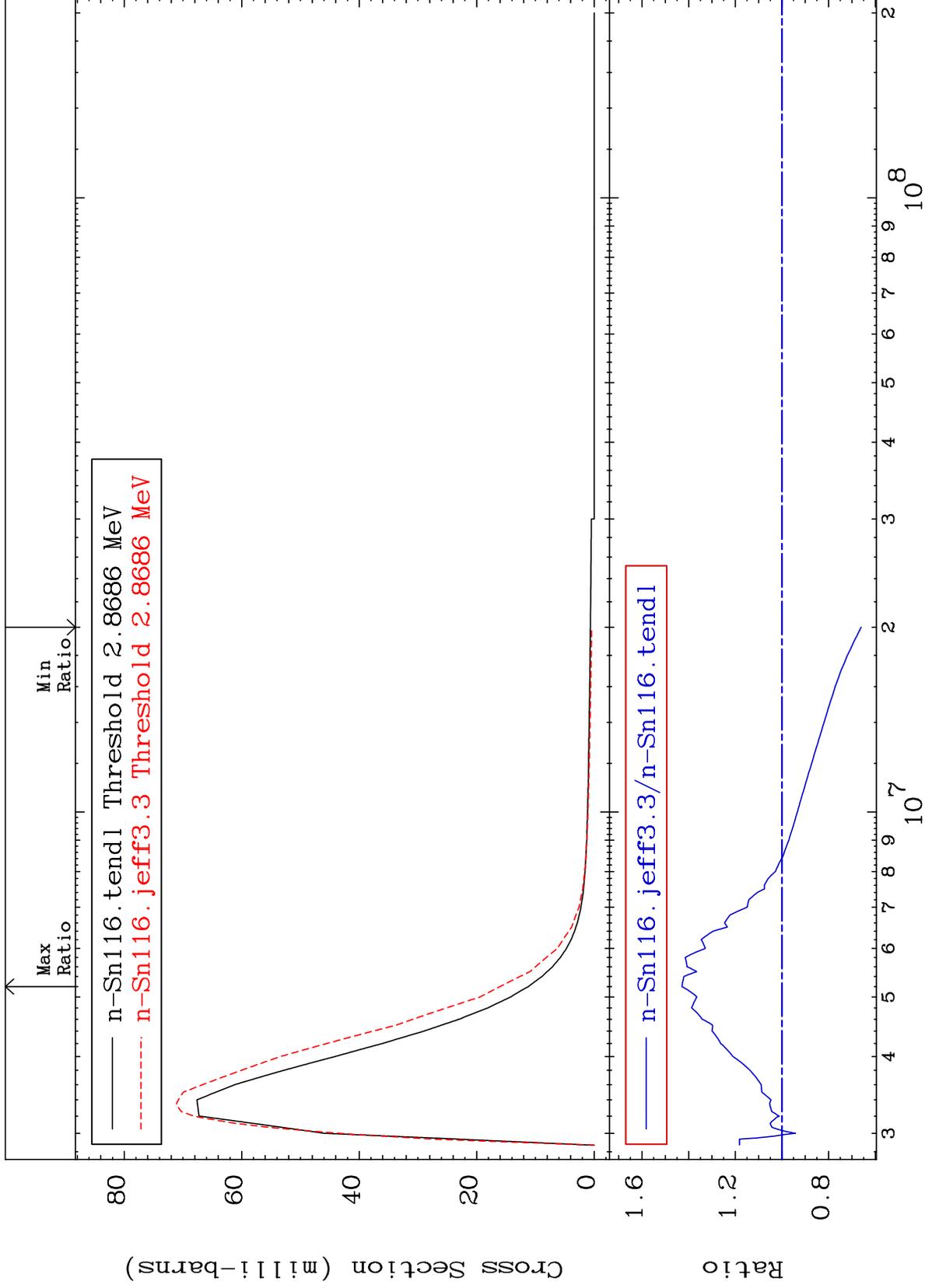
50-Sn-116
-49.78 To 40.91 %



MAT 5037

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

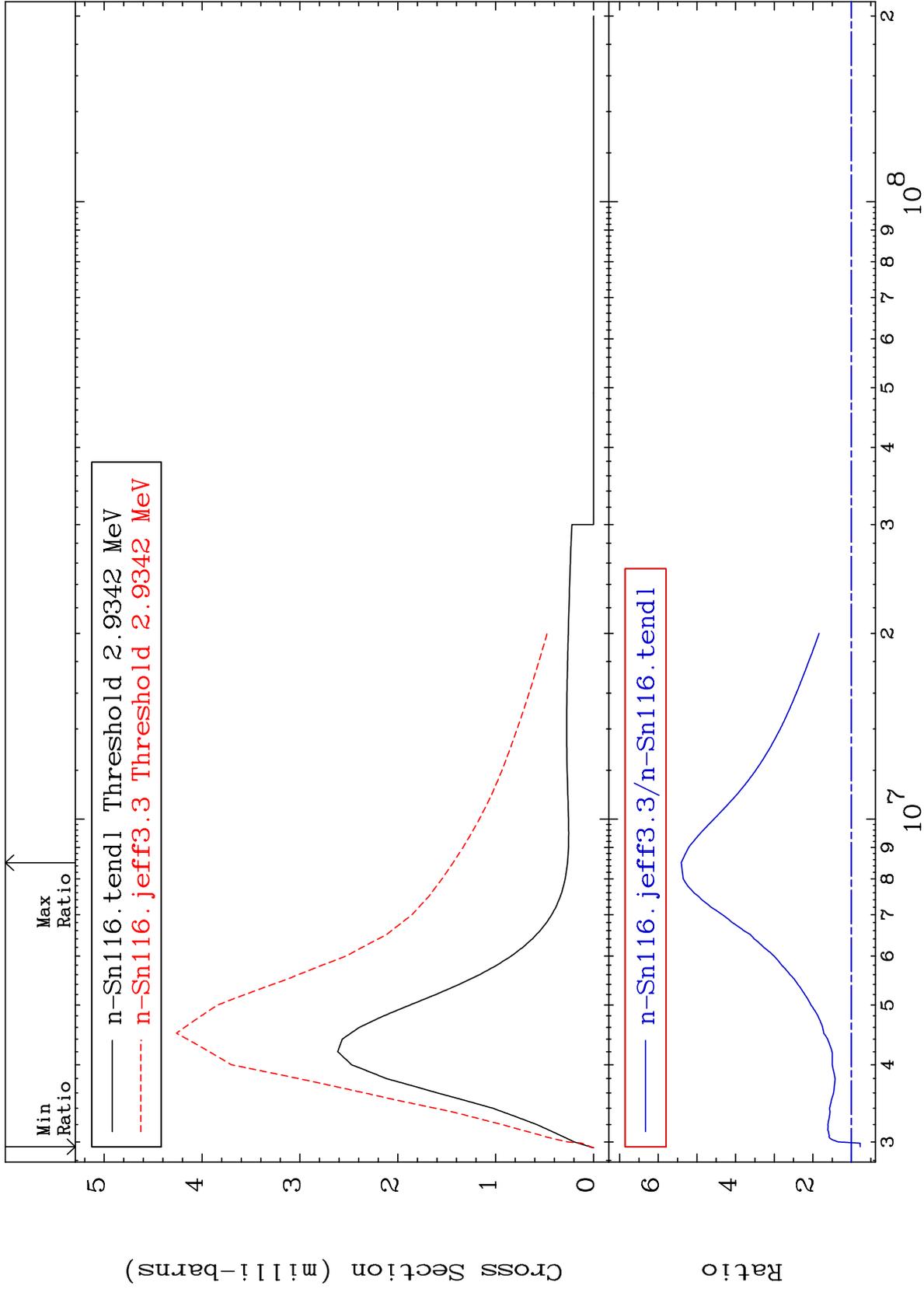
50-Sn-116
-33.95 To 42.90 %



MAT 5037

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

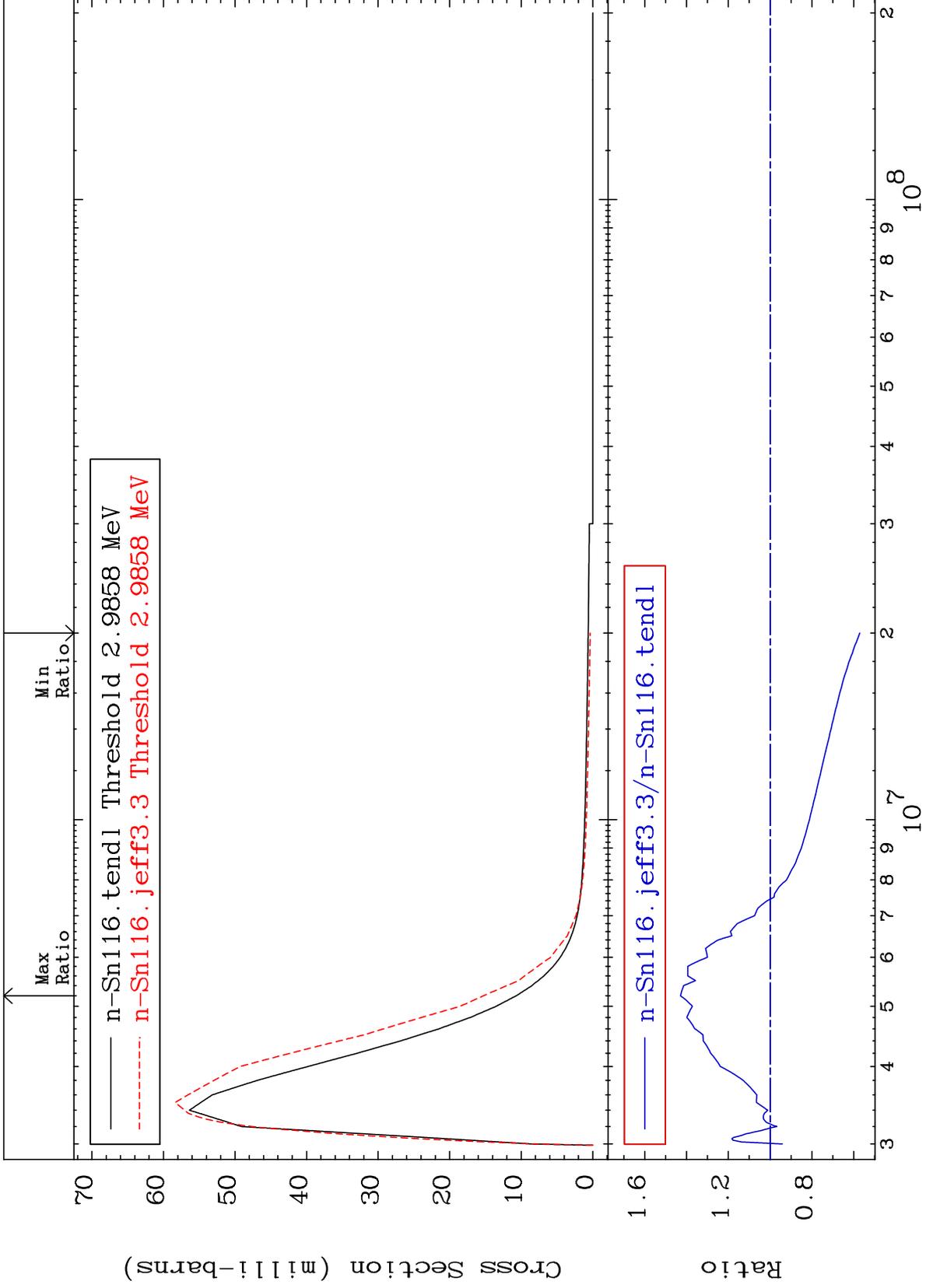
50-Sn-116
-22.40 To 440.7 %



MAT 5037

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

50-Sn-116
-42.88 To 42.87 %



25

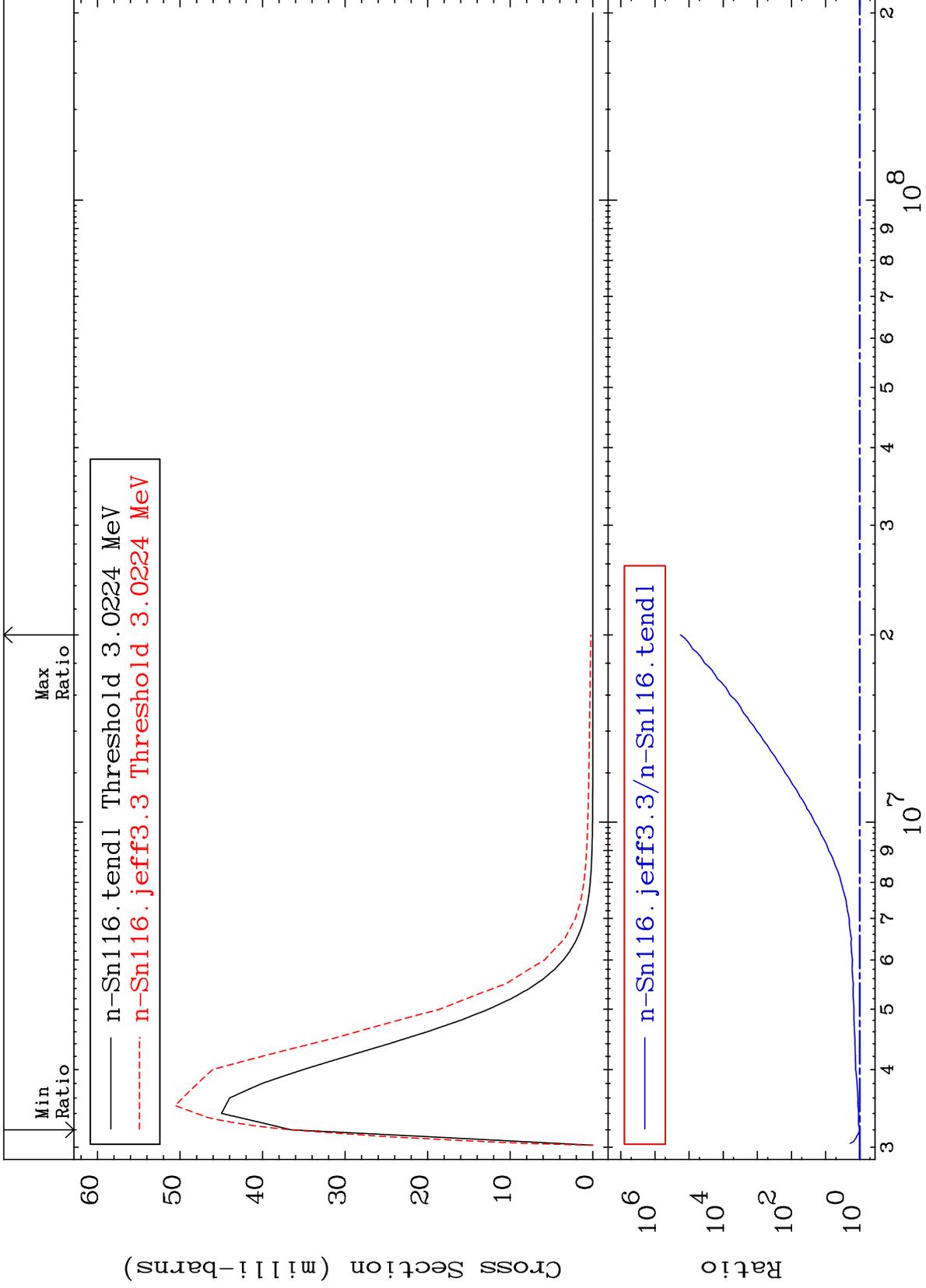
Incident Energy (eV)

50-Sn-116

MAT 5037

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

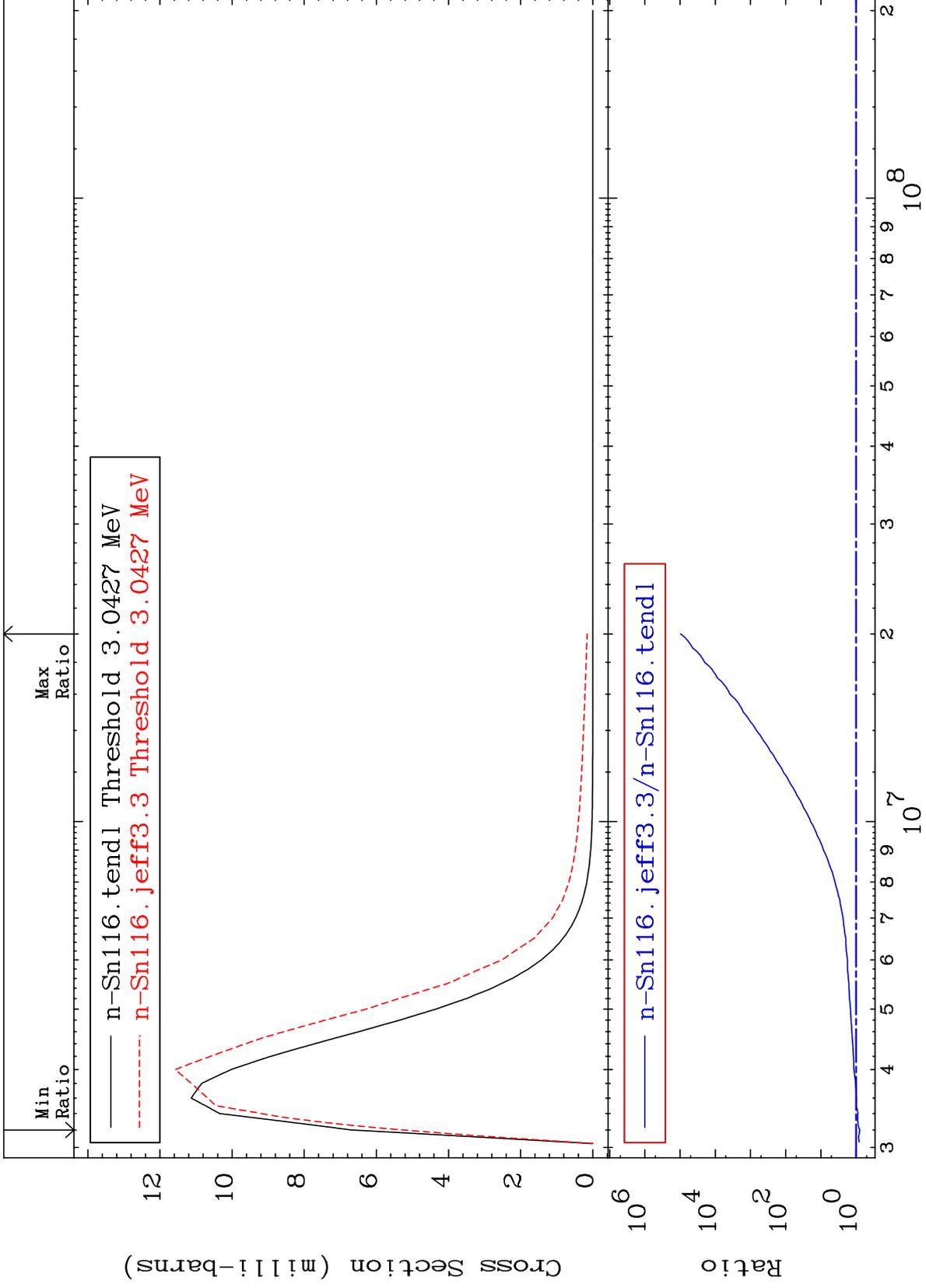
50-Sn-116
-0.356 To 9999. %



MAT 5037

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

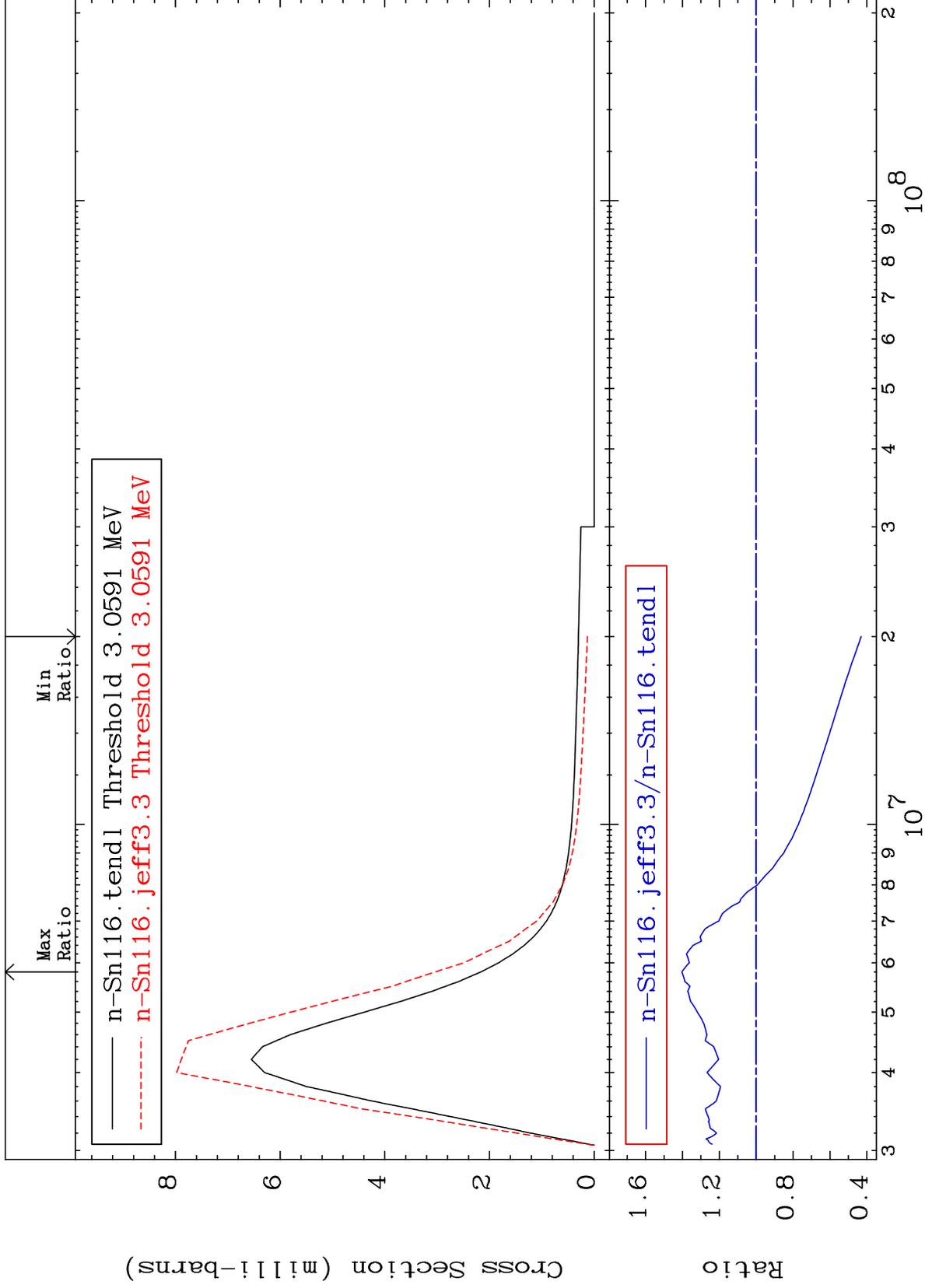
50-Sn-116
-21.54 To 9999. %



MAT 5037

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

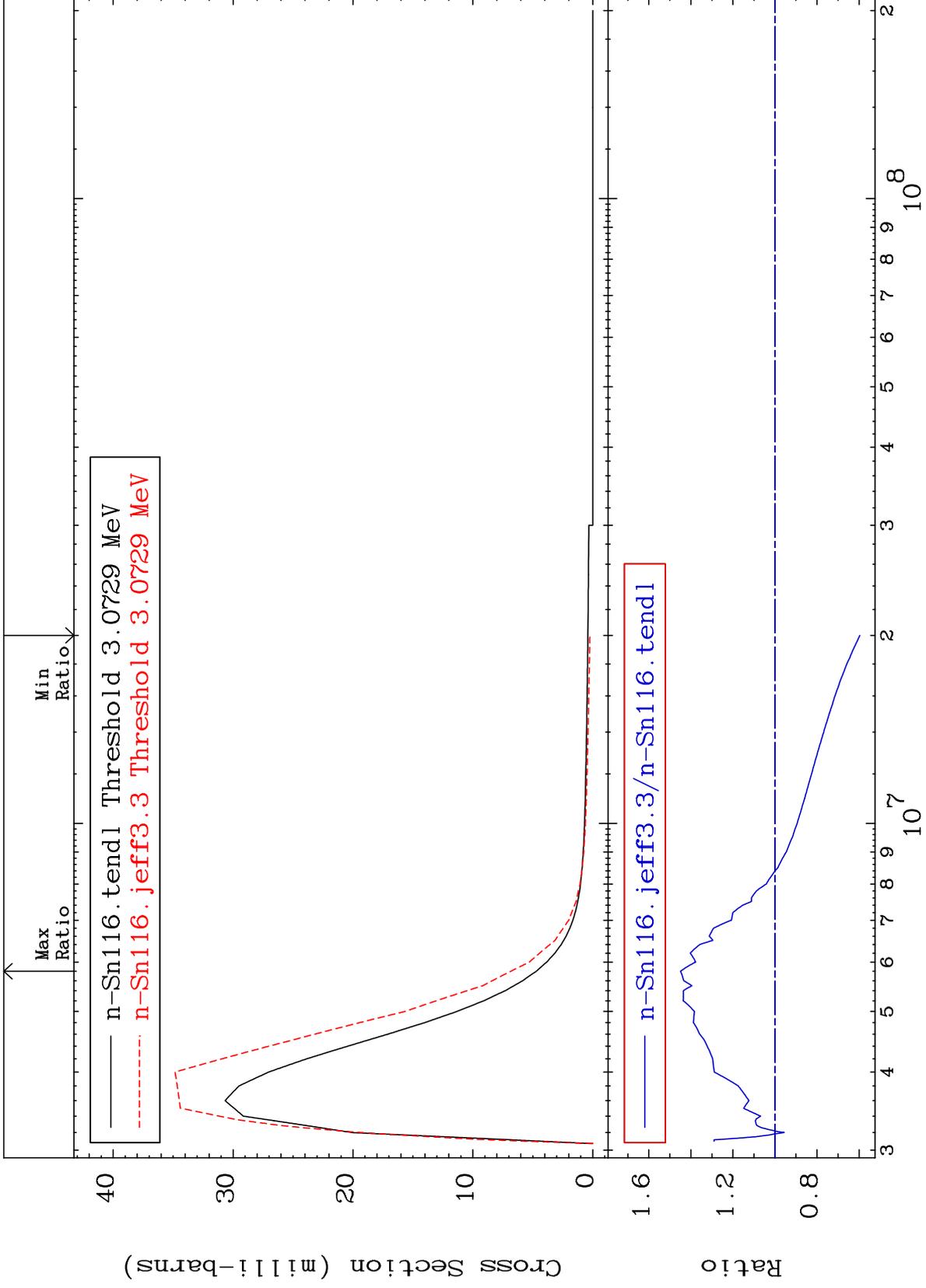
50-Sn-116
-56.90 To 40.32 %



MAT 5037

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

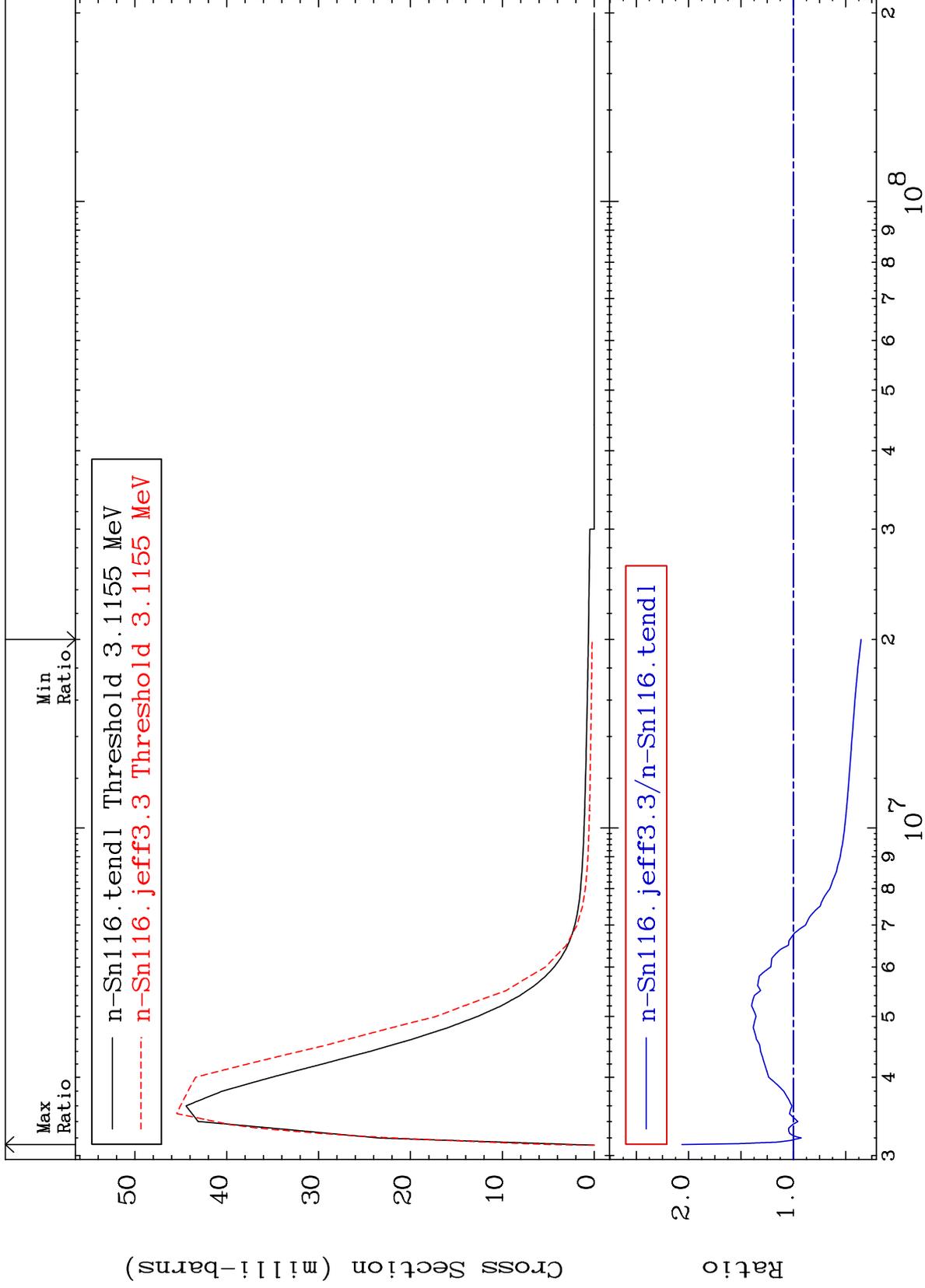
50-Sn-116
-40.33 To 44.92 %



MAT 5037

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

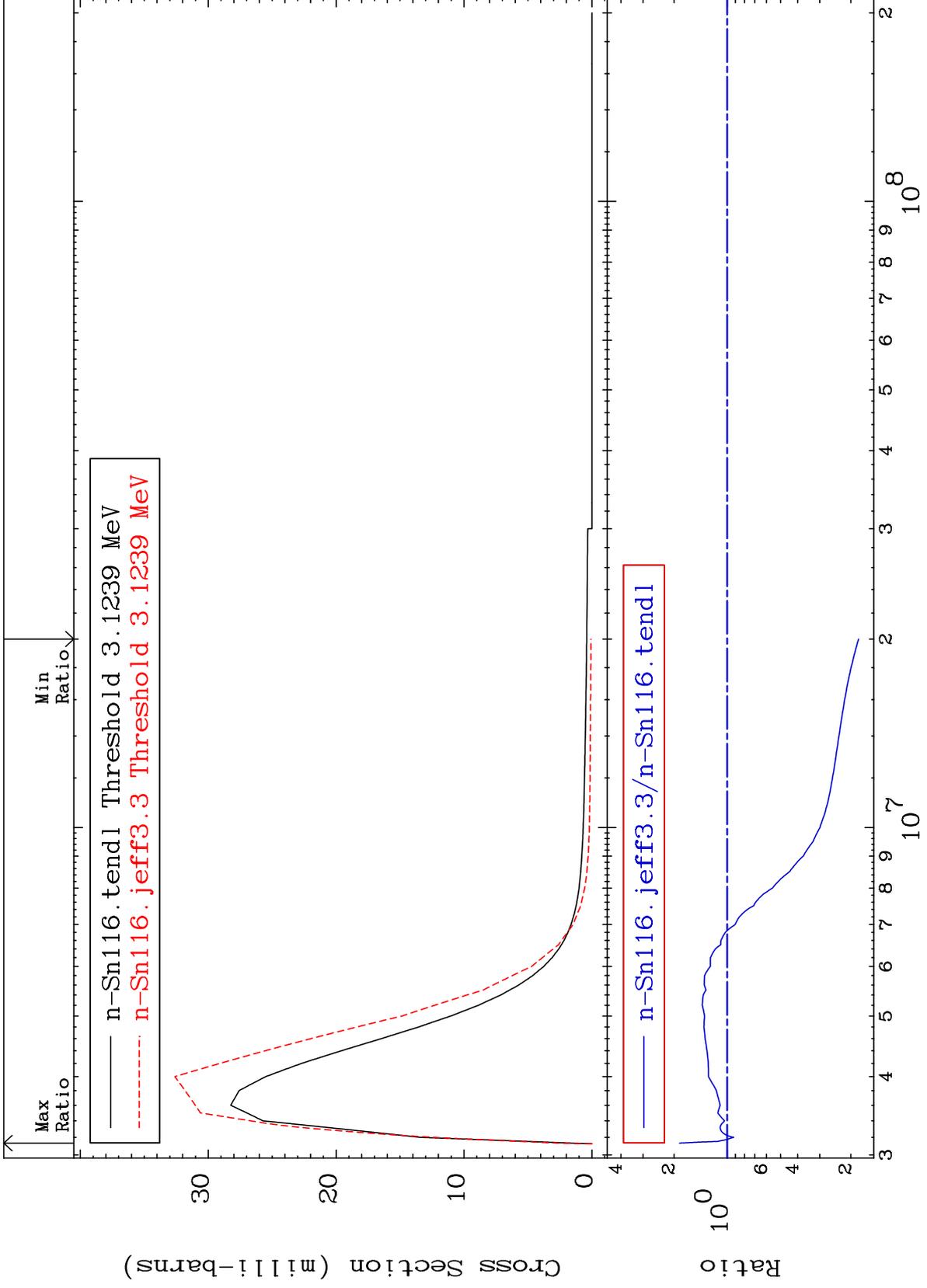
50-Sn-116
-64.76 To 106.4 %



MAT 5037

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

50-Sn-116
-81.92 To 86.39 %



31

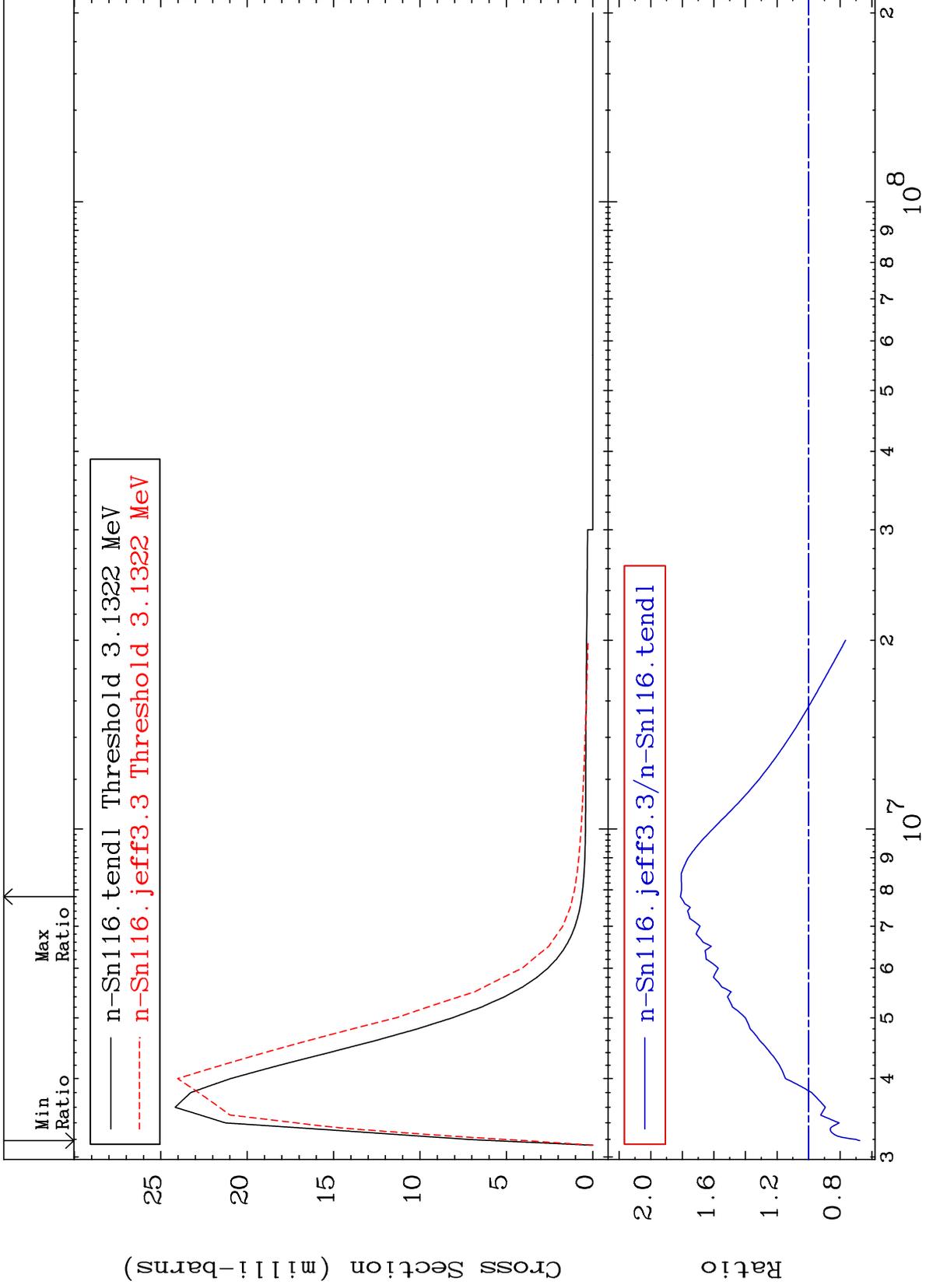
Incident Energy (eV)

50-Sn-116

MAT 5037

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

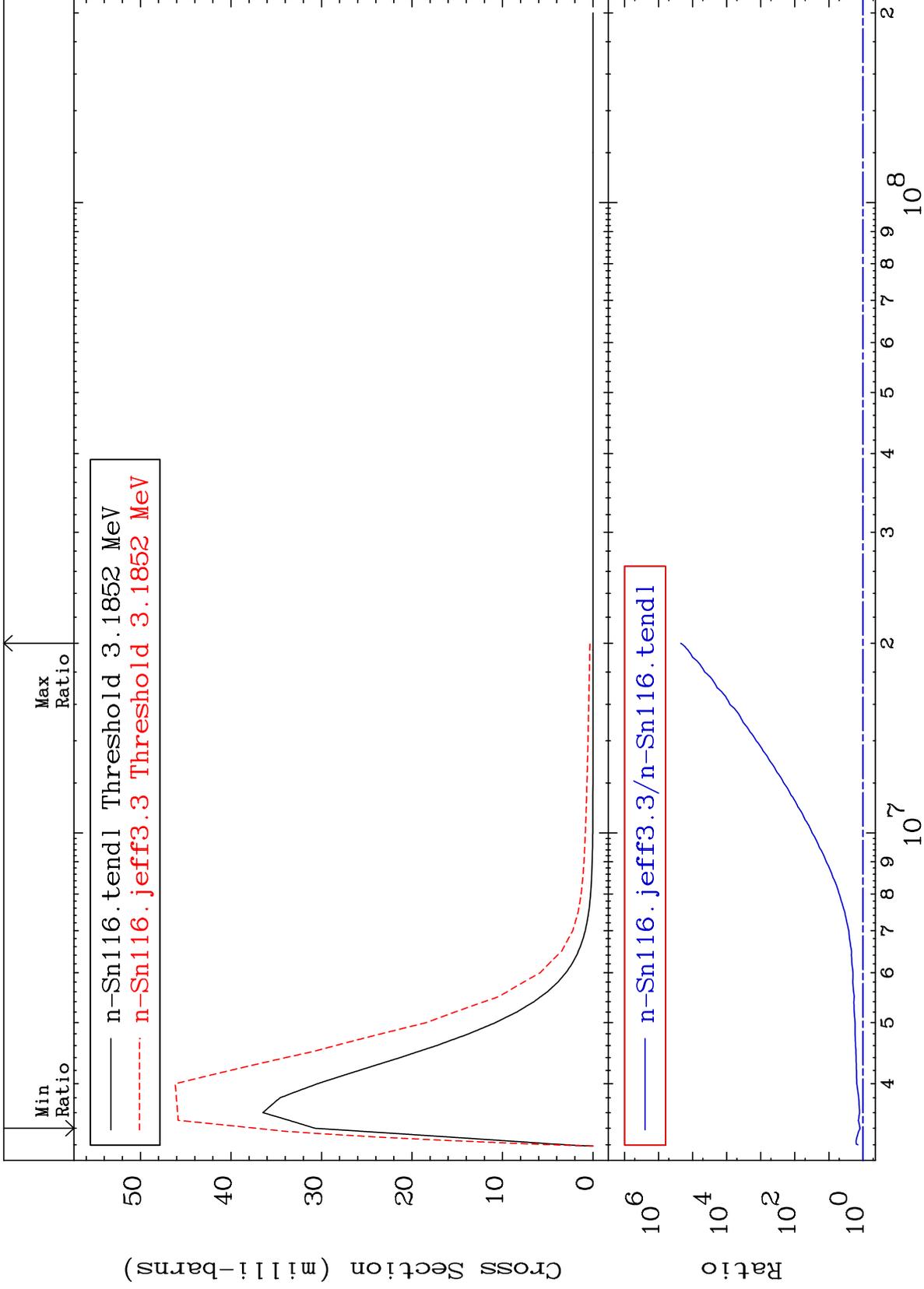
50-Sn-116
-32.40 To 81.16 %



MAT 5037

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

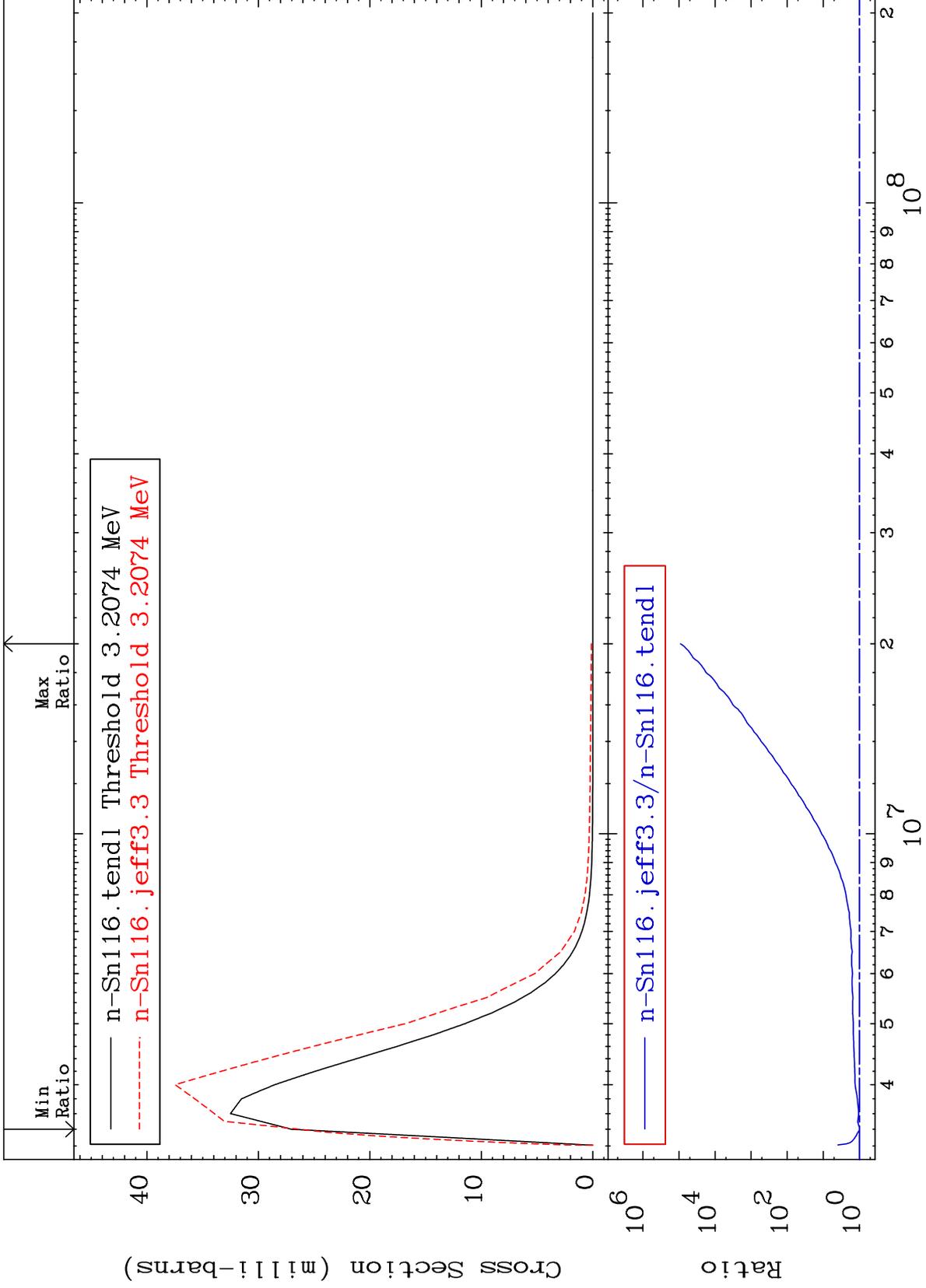
50-Sn-116
To 9999. %



MAT 5037

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

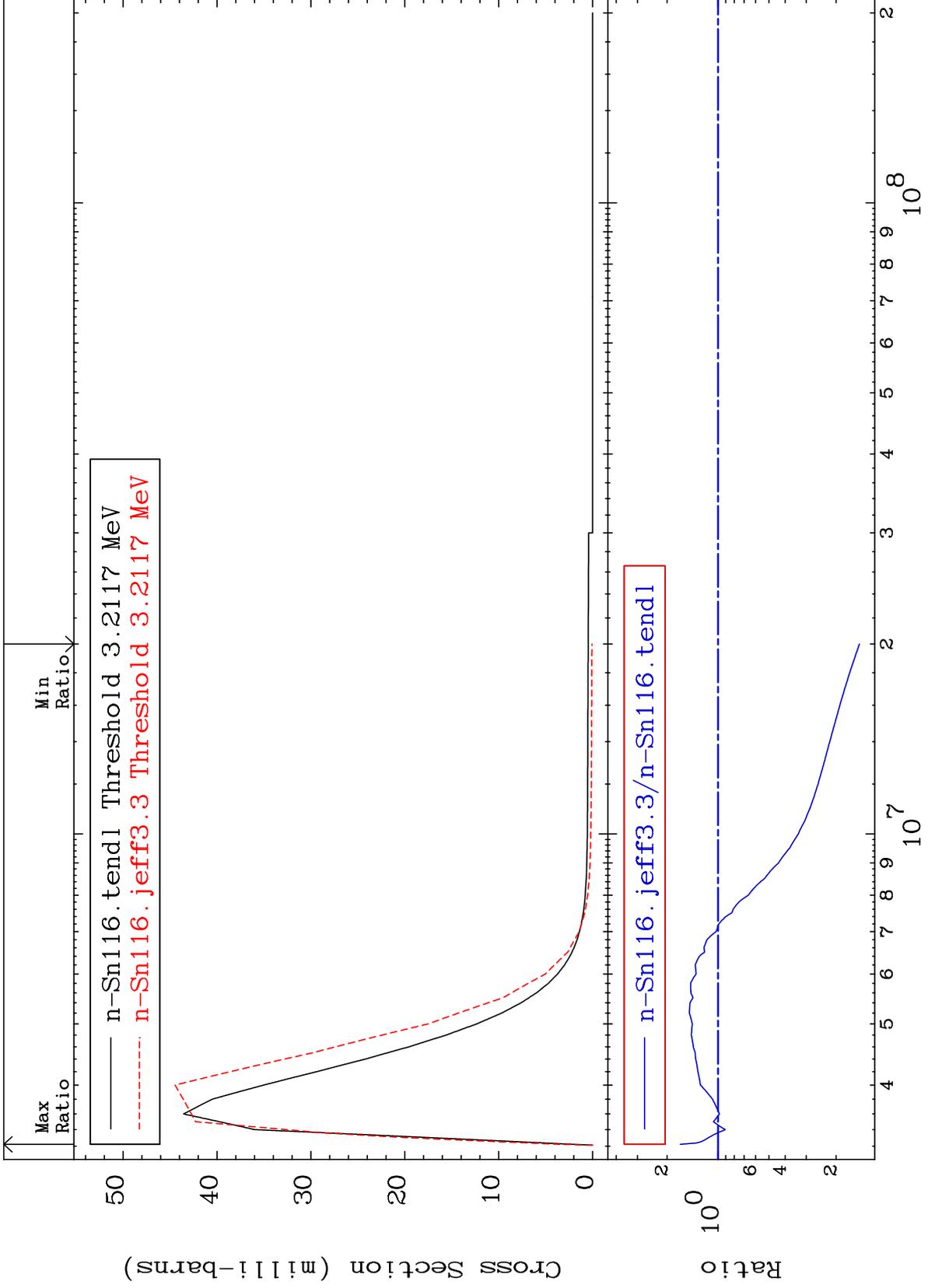
50-Sn-116
-2.611 To 9999. %



MAT 5037

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

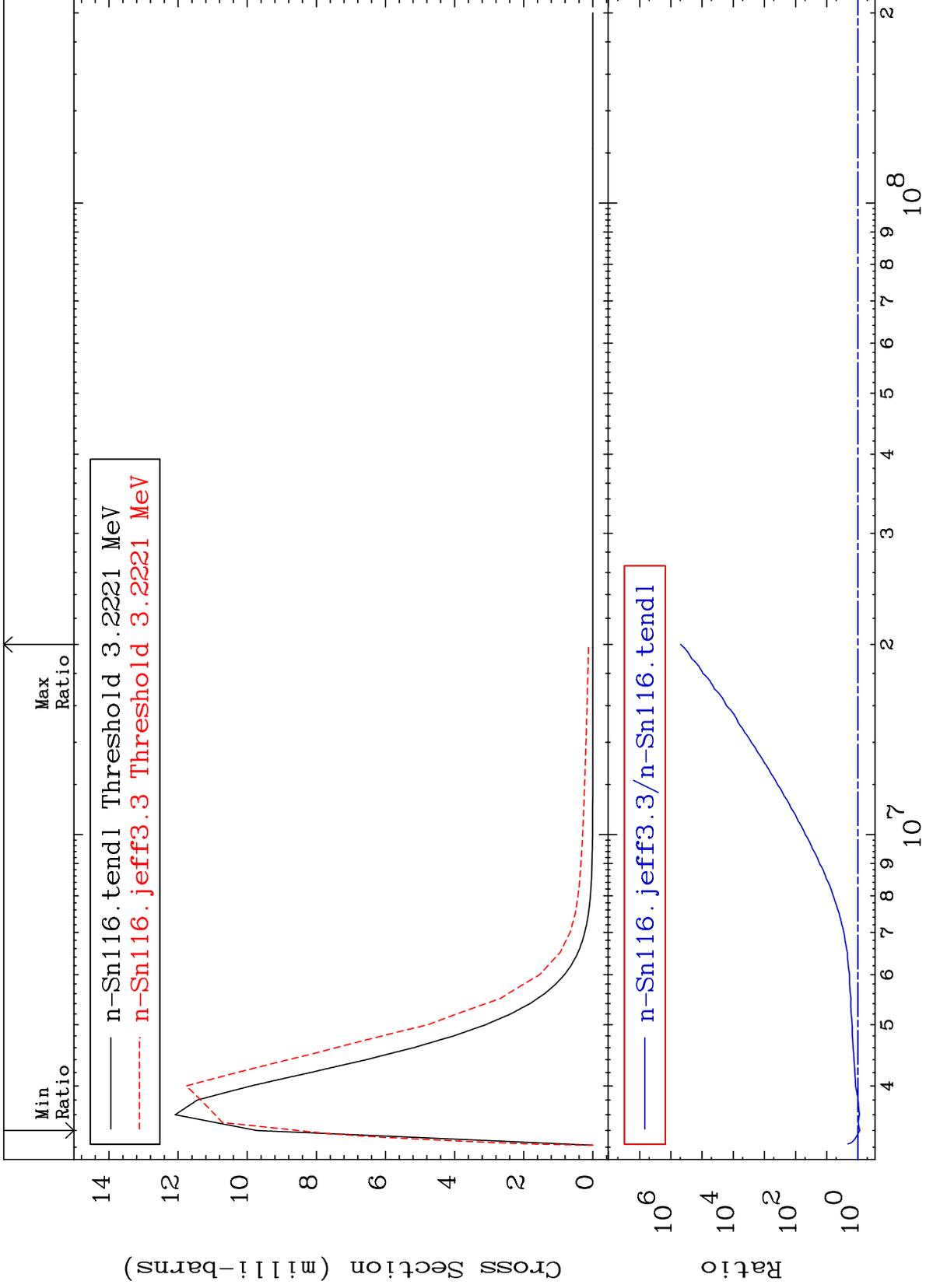
50-Sn-116
-85.45 To 67.19 %



MAT 5037

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

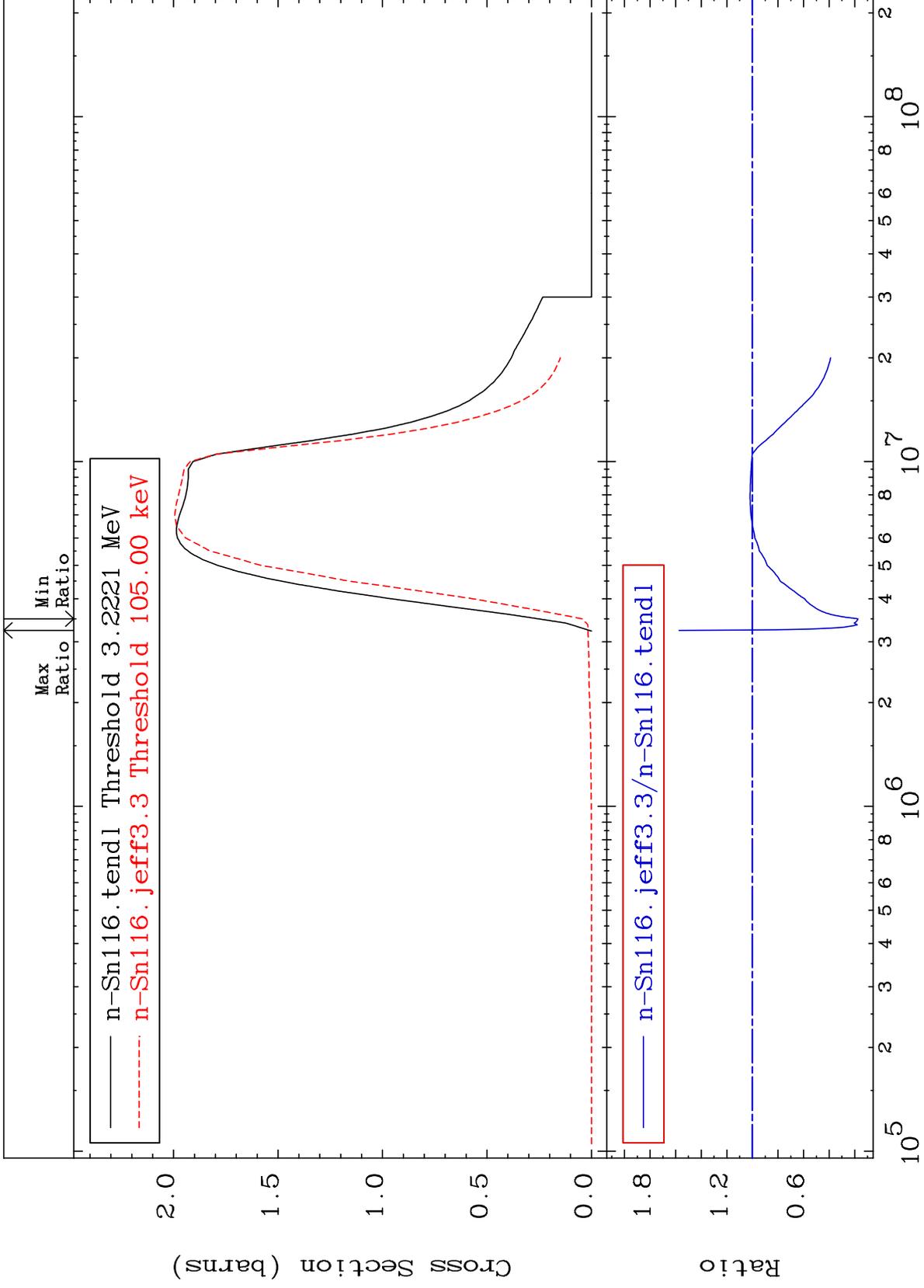
50-Sn-116
-12.41 To 9999. %



MAT 5037

(n, n') Continuum
Cross Section

50-Sn-116
-82.48 To 57.35 %



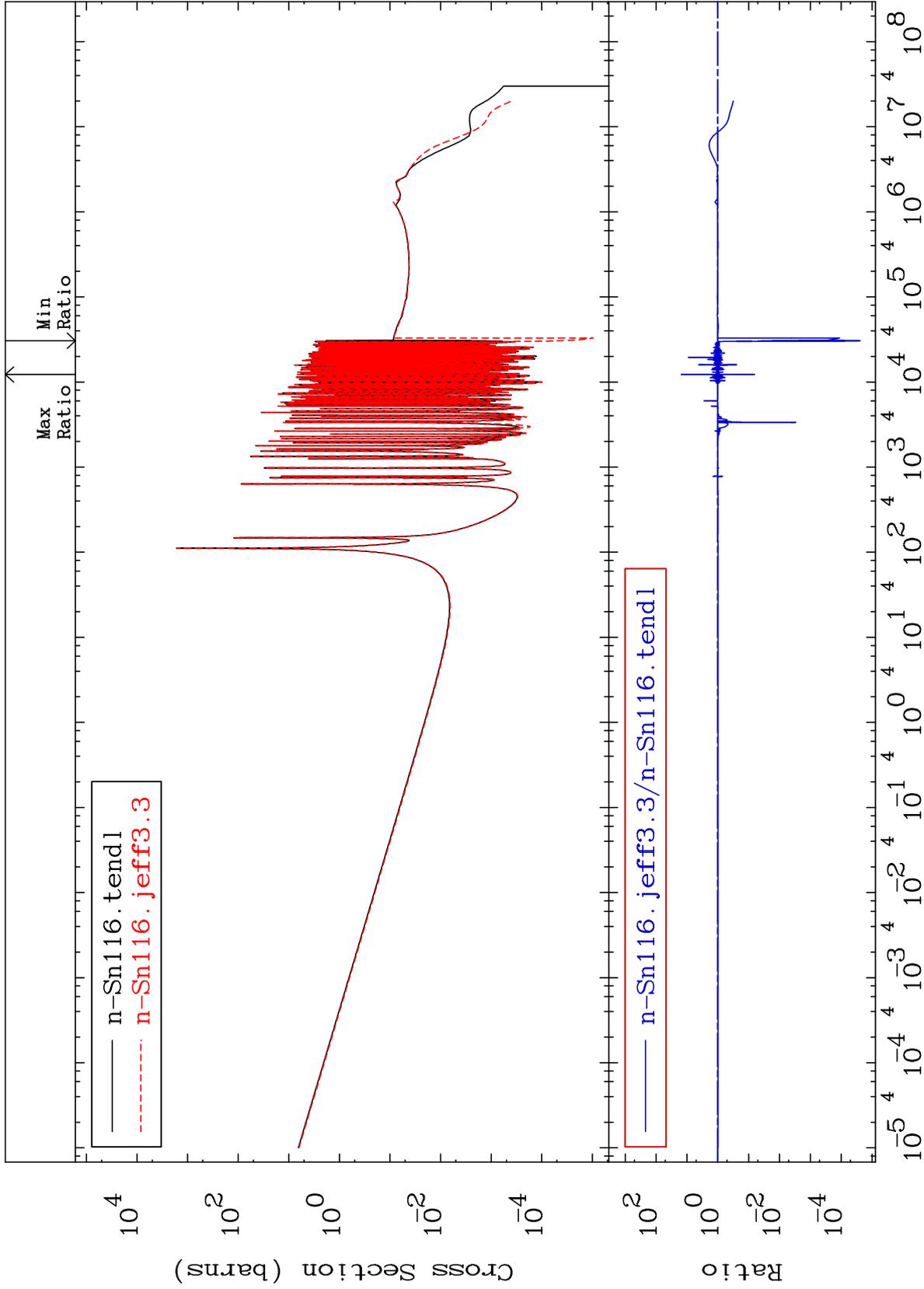
37

Incident Energy (eV)

50-Sn-116

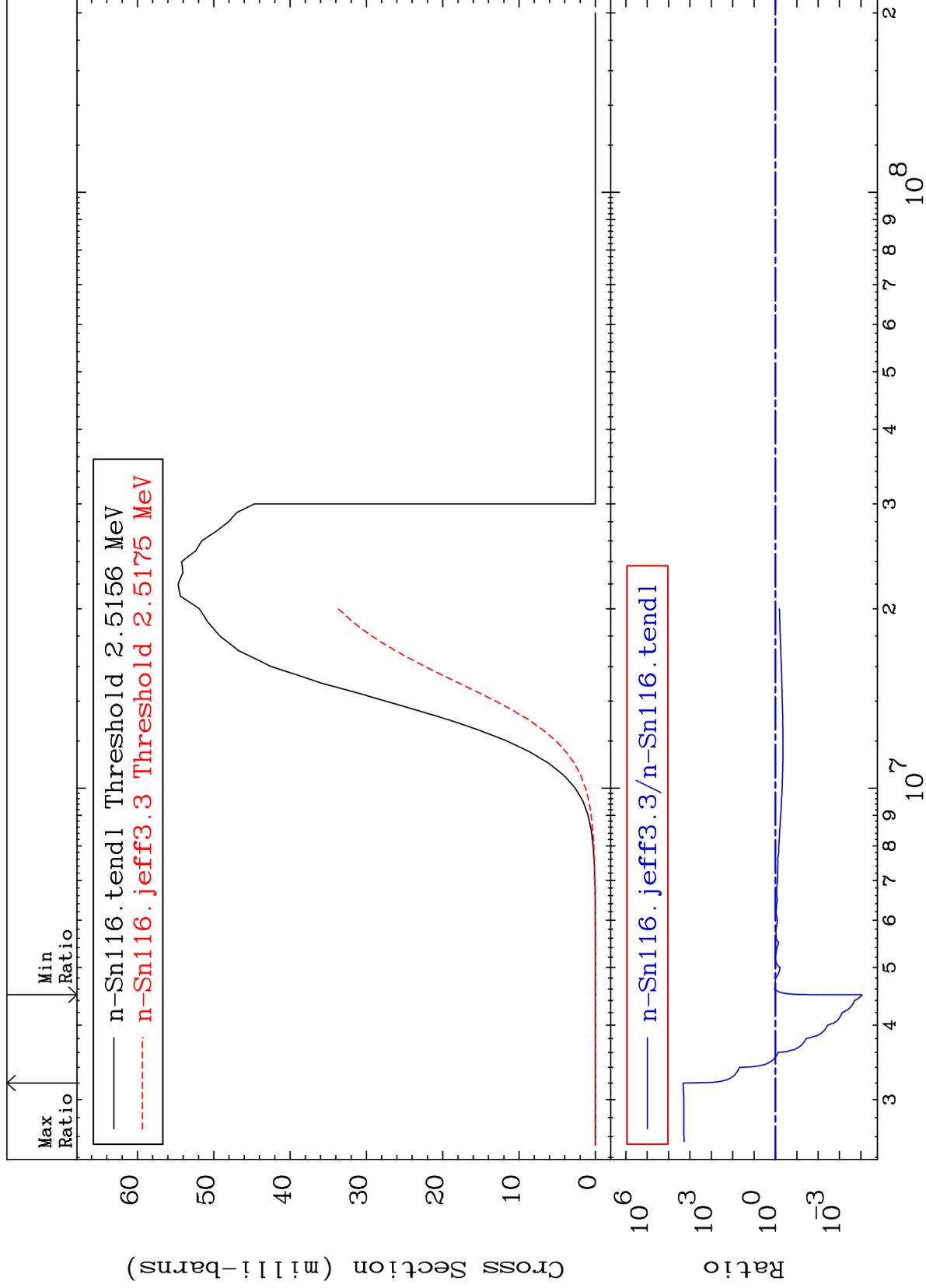
Cross Section

-100.0 To 1429. %



Cross Section

-99.99 To 9999. %



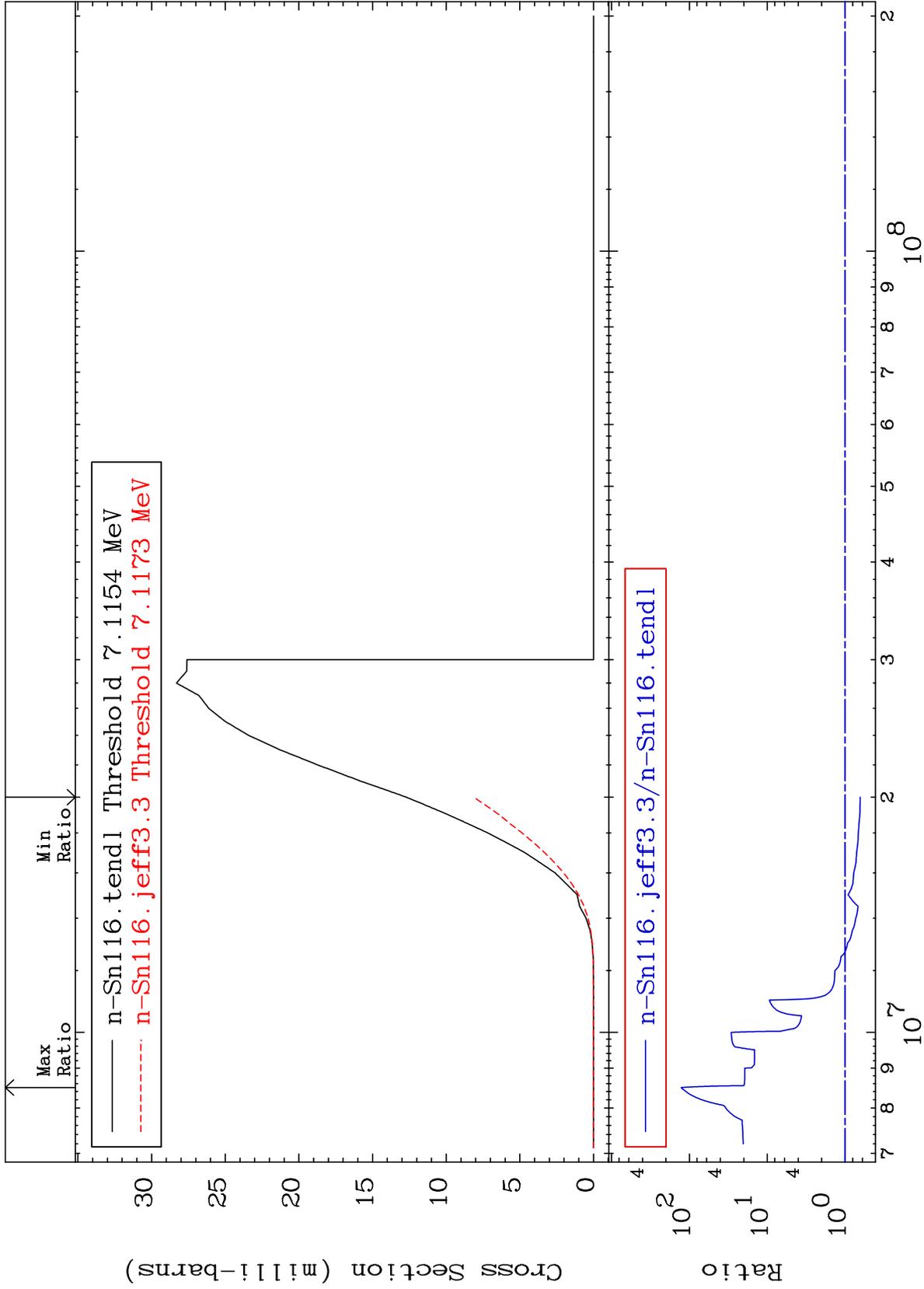
MAT 5037

(n, d)

50-Sn-116

Cross Section

-35.90 To 9999. %



40

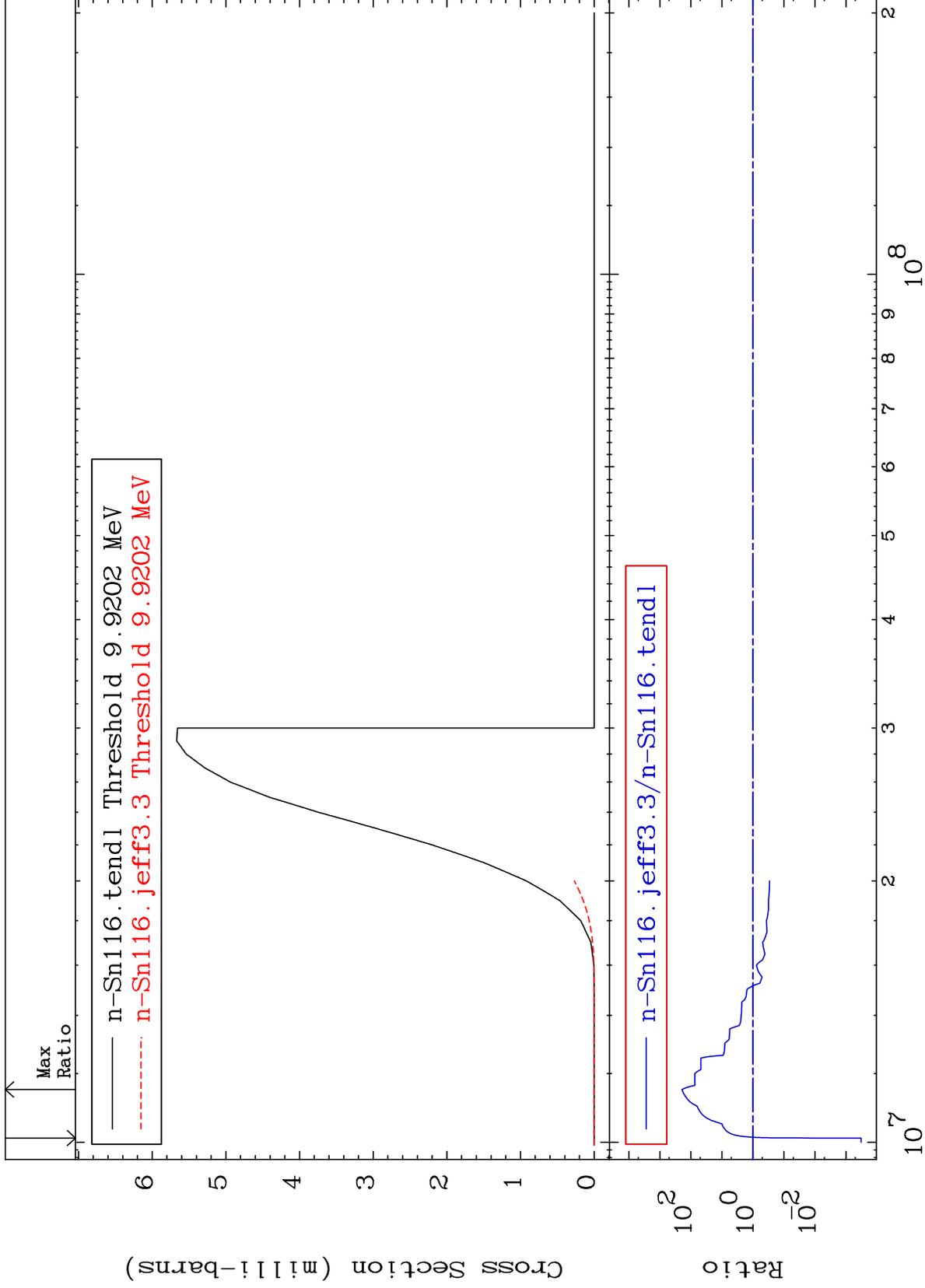
Incident Energy (eV)

50-Sn-116

MAT 5037

(n, t)
Cross Section

50-Sn-116
-99.97 To 9999. %



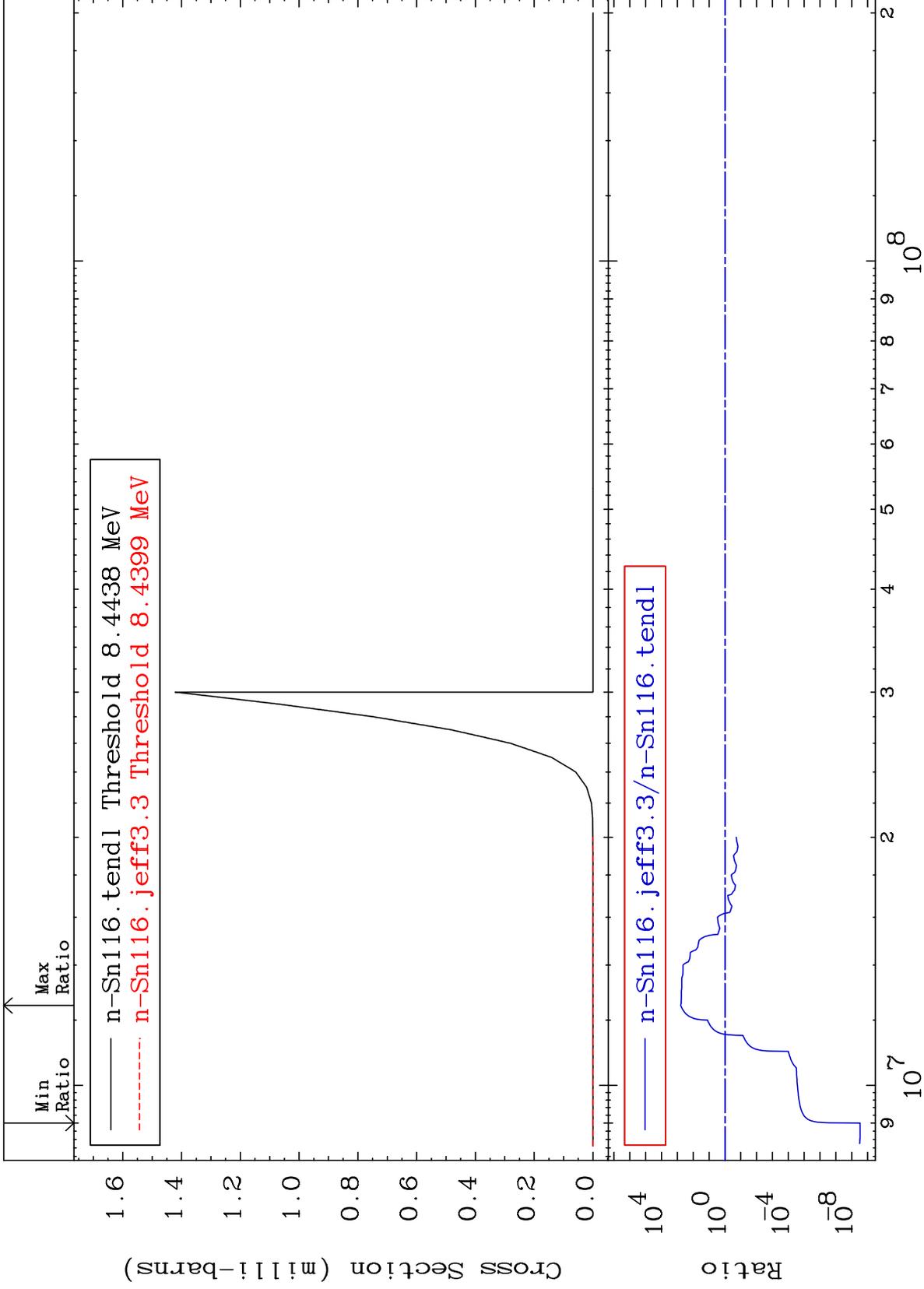
41

Incident Energy (eV)

50-Sn-116

Cross Section

-100.0 To 9999. %



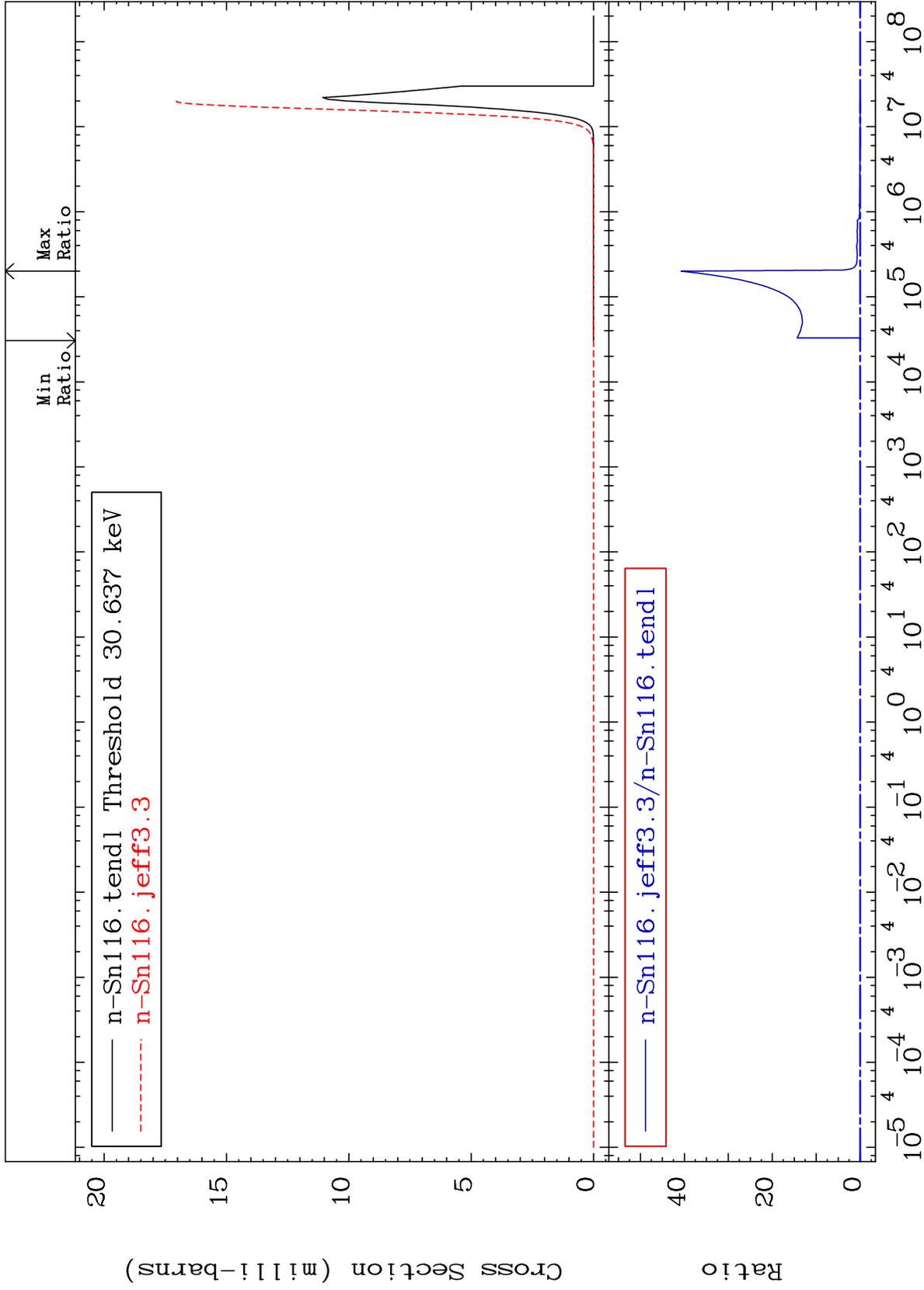
MAT 5037

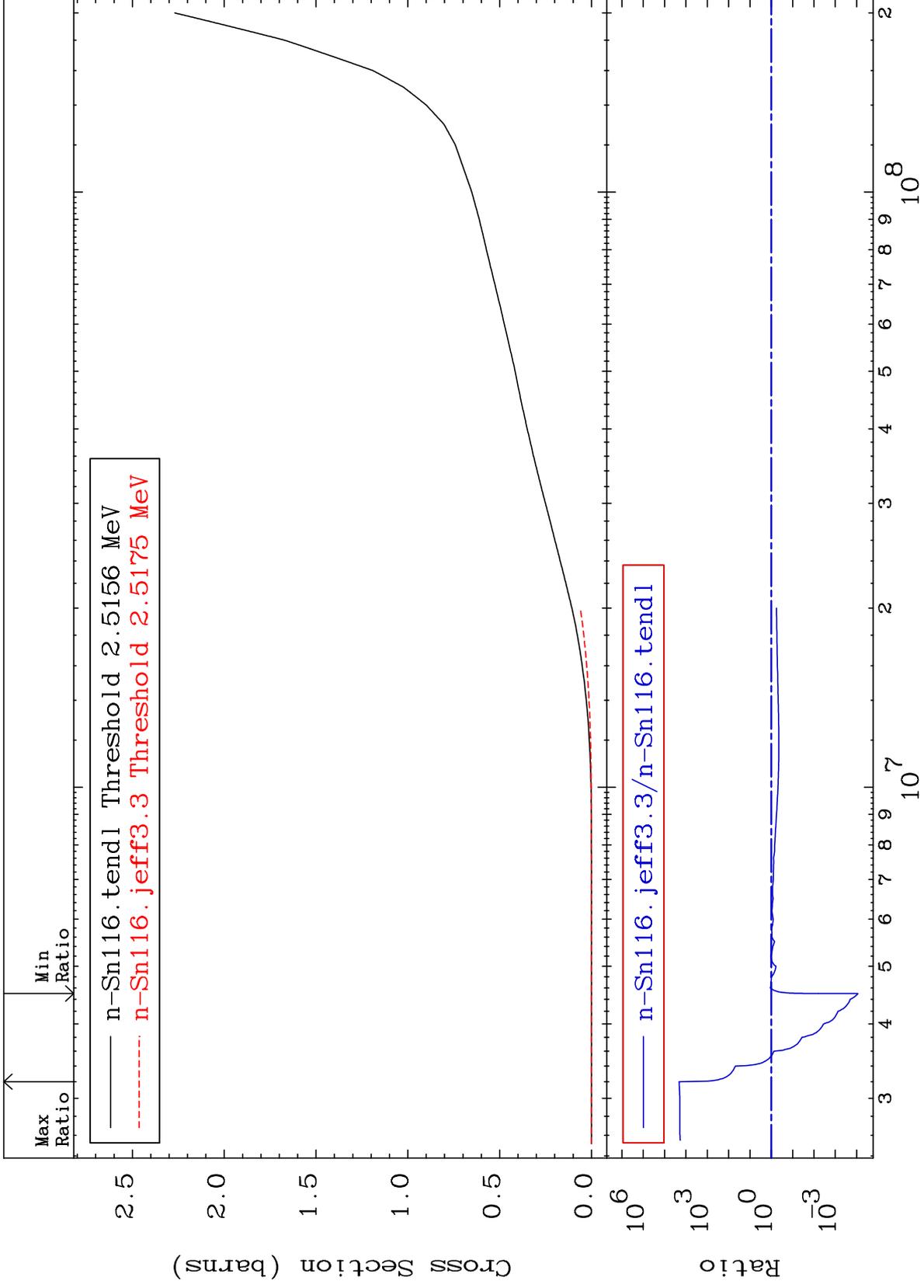
(n, α)

50-Sn-116

Cross Section

-100.0 To 9999. %

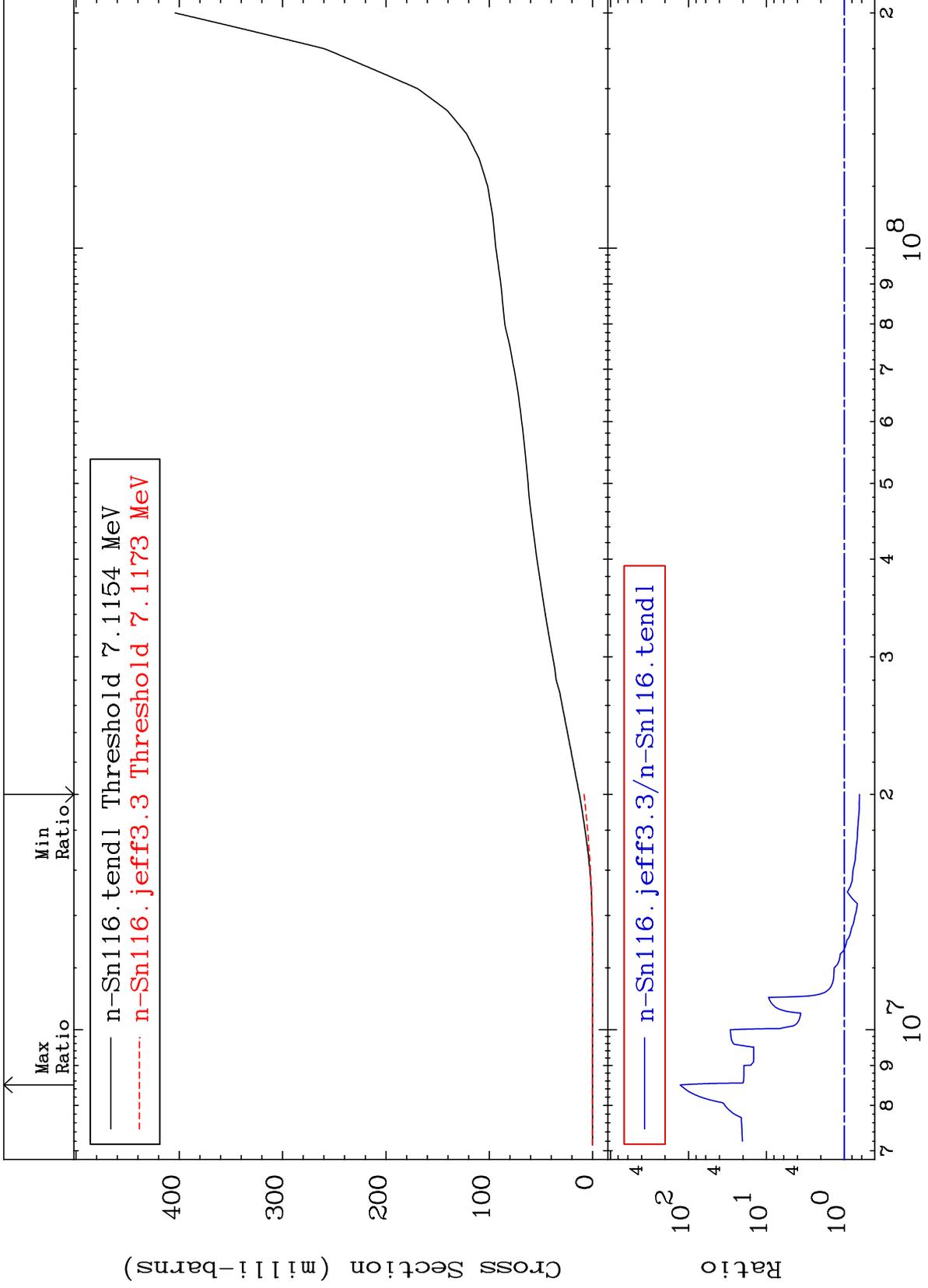




MAT 5037

Deuterium Production
Cross Section

50-Sn-116
-35.90 To 9999. %



45

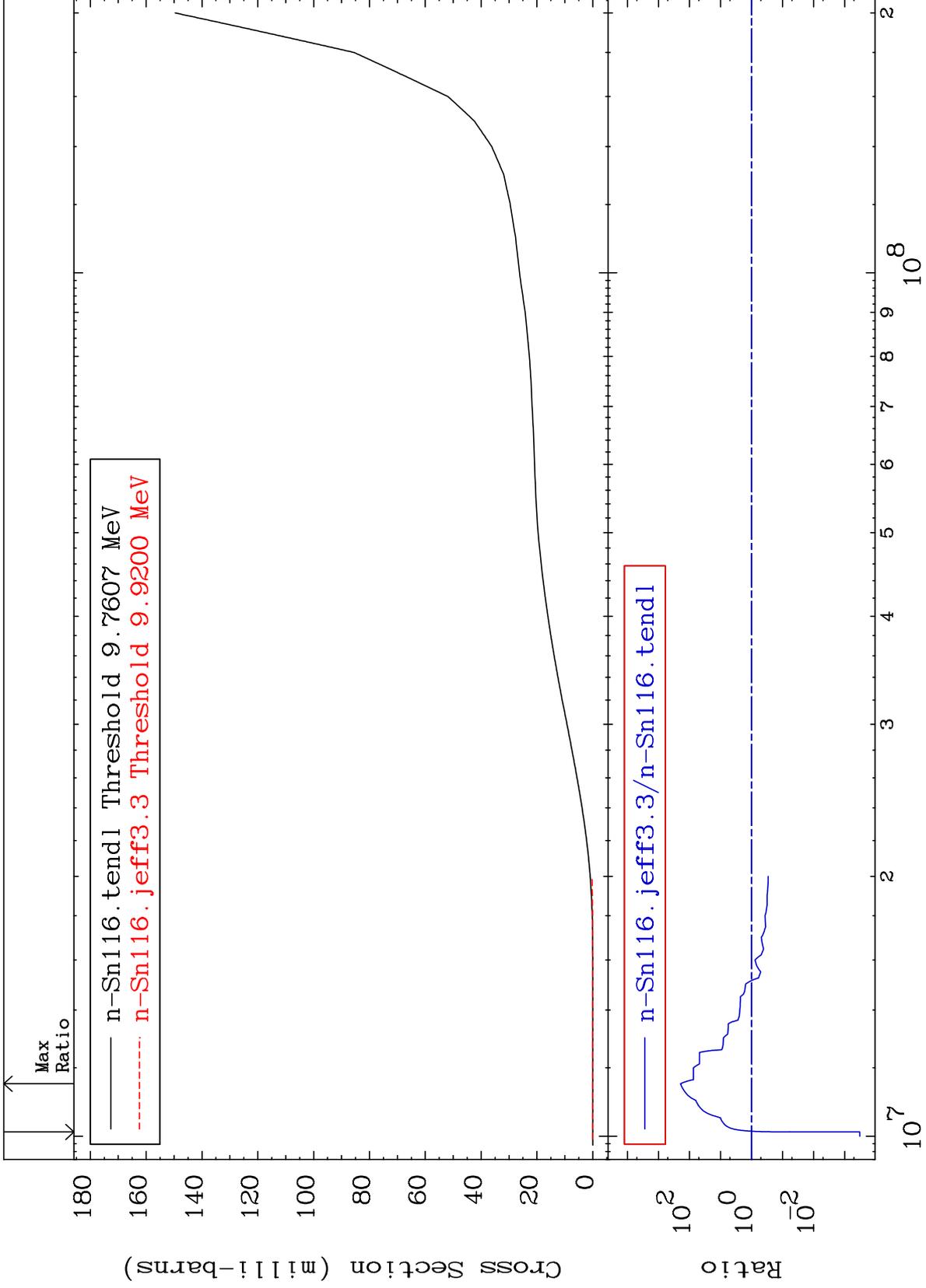
Incident Energy (eV)

50-Sn-116

MAT 5037

Tritium Production
Cross Section

50-Sn-116
-99.97 To 9999. %



46

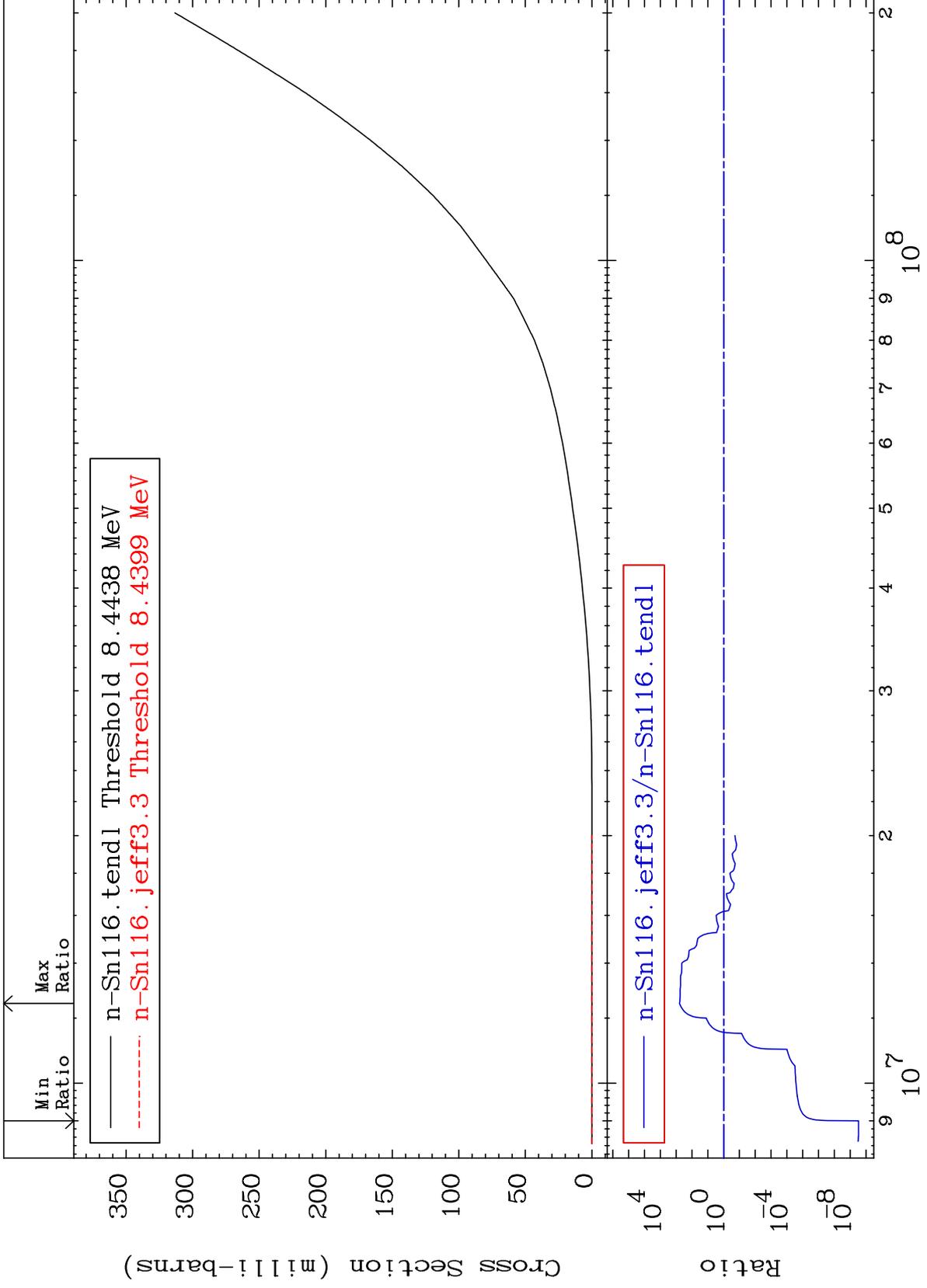
Incident Energy (eV)

50-Sn-116

MAT 5037

He-3 Production
Cross Section

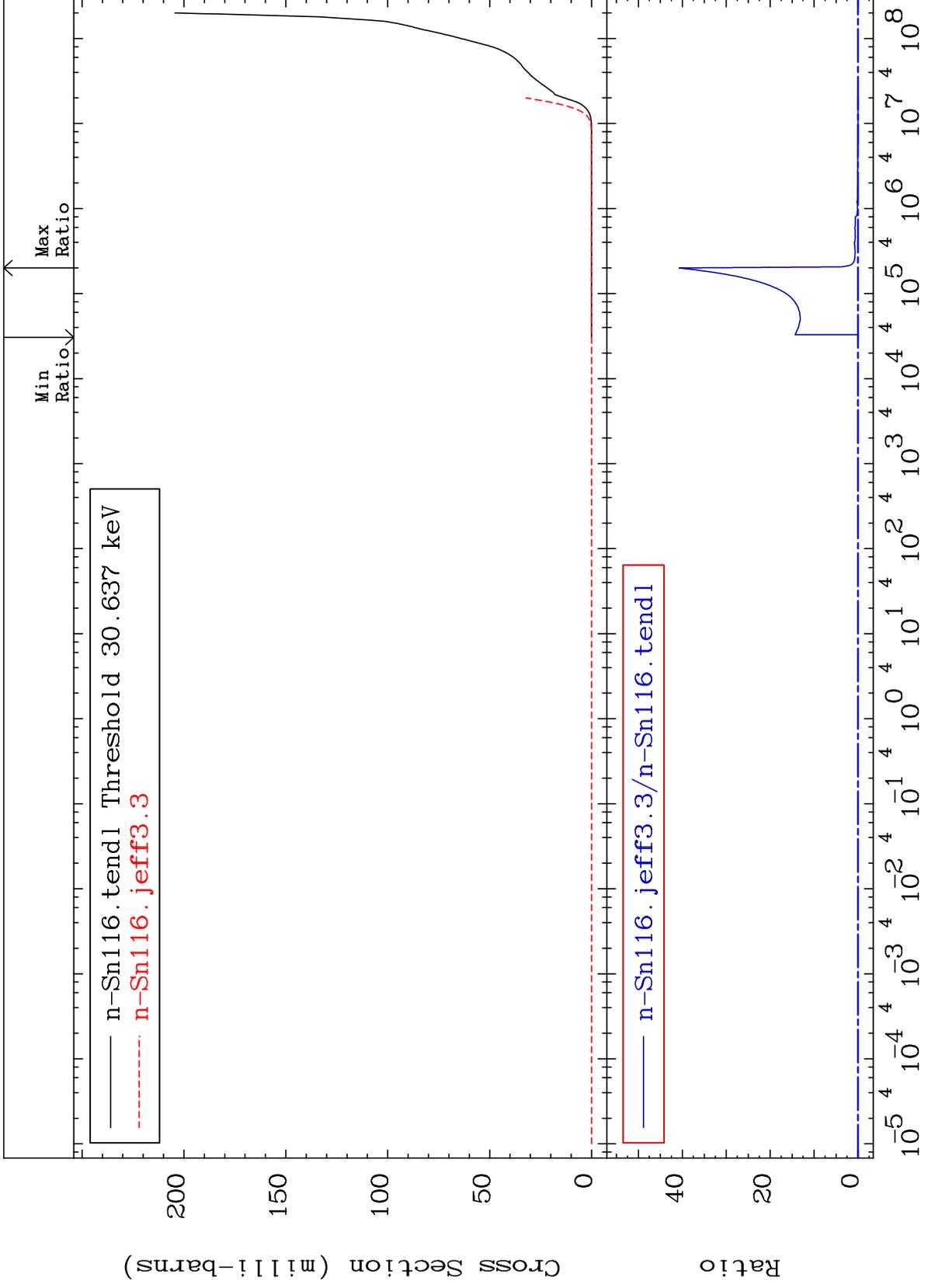
50-Sn-116
-100.0 To 9999. %

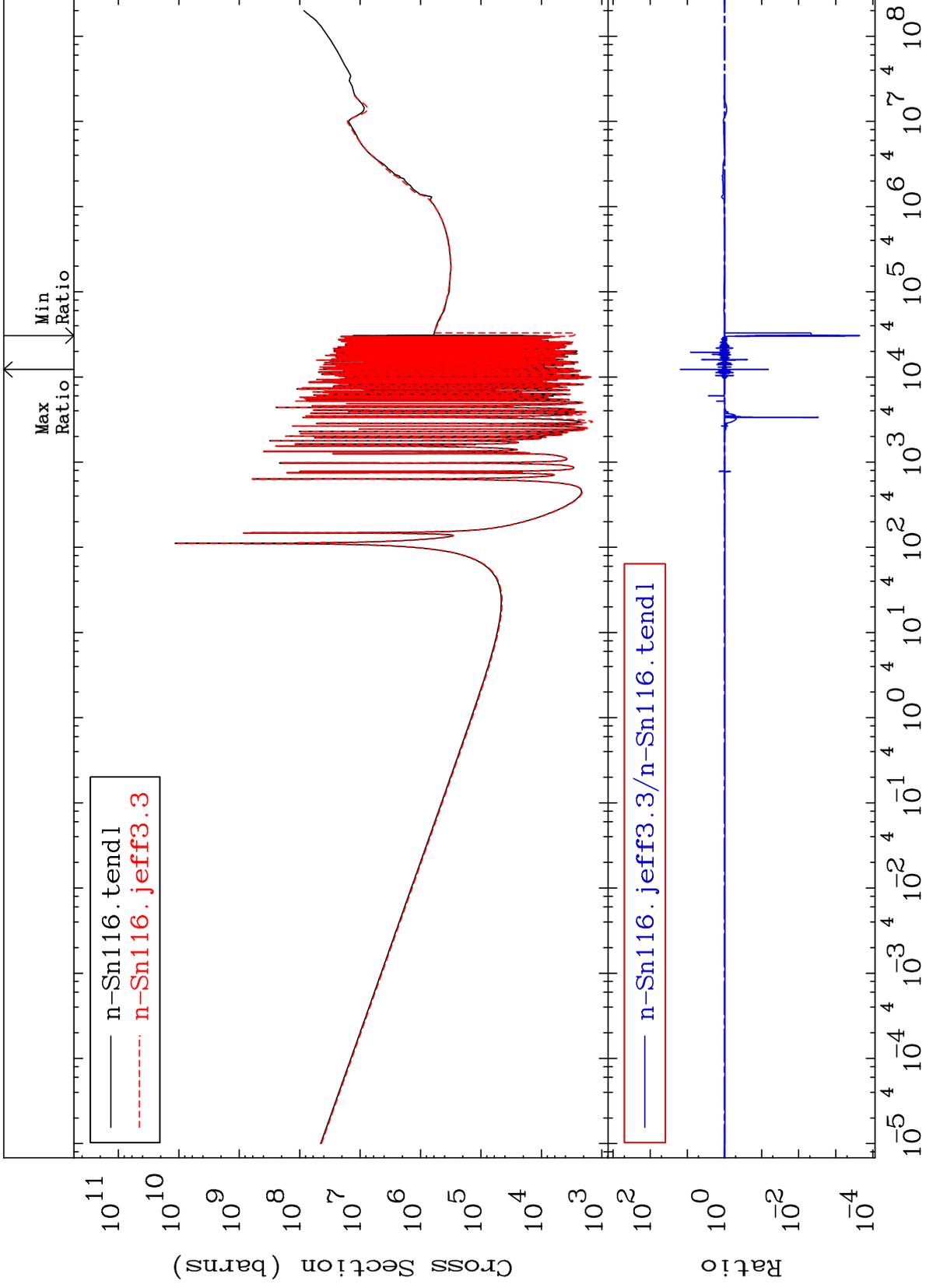


47

Incident Energy (eV)

50-Sn-116

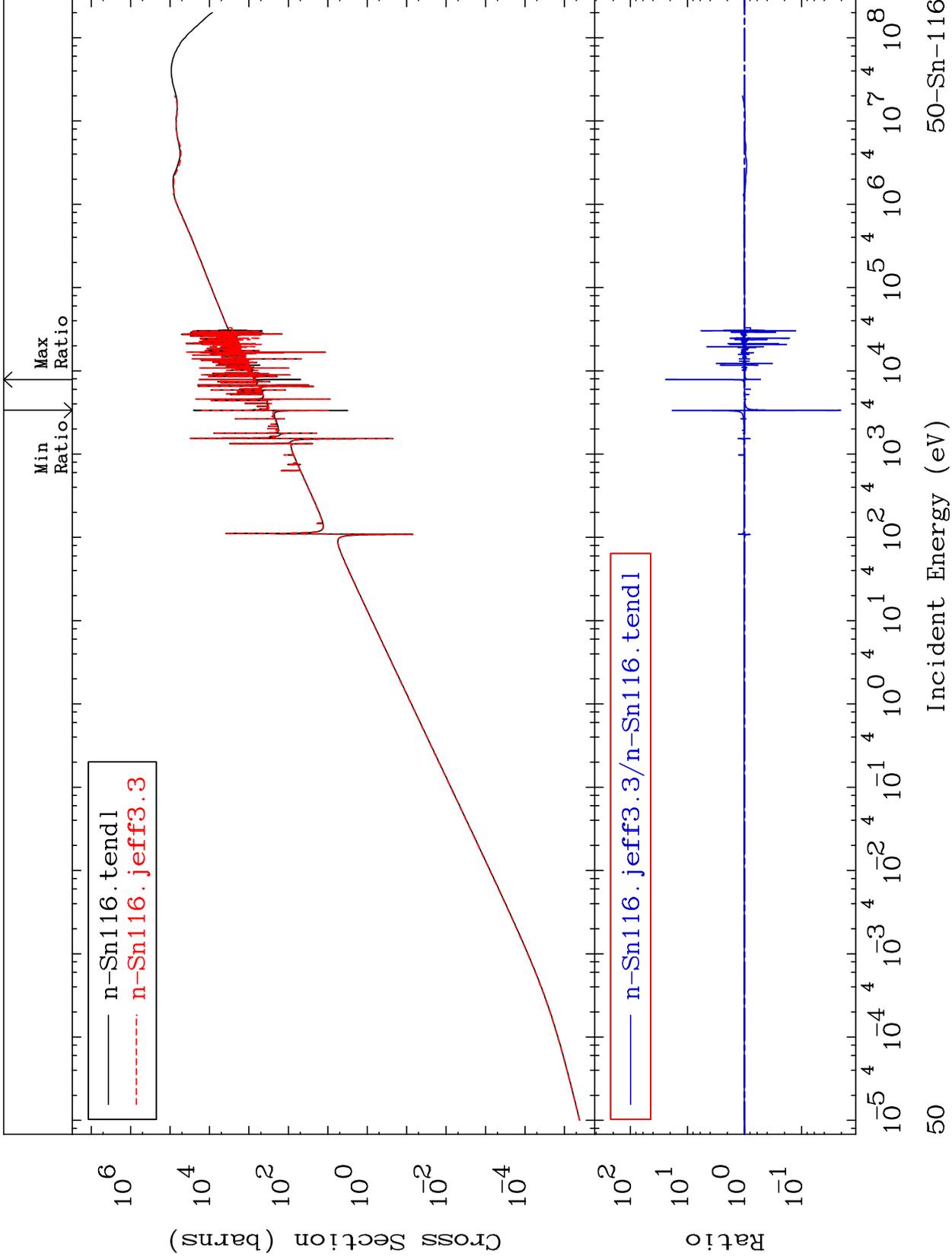




MAT 5037

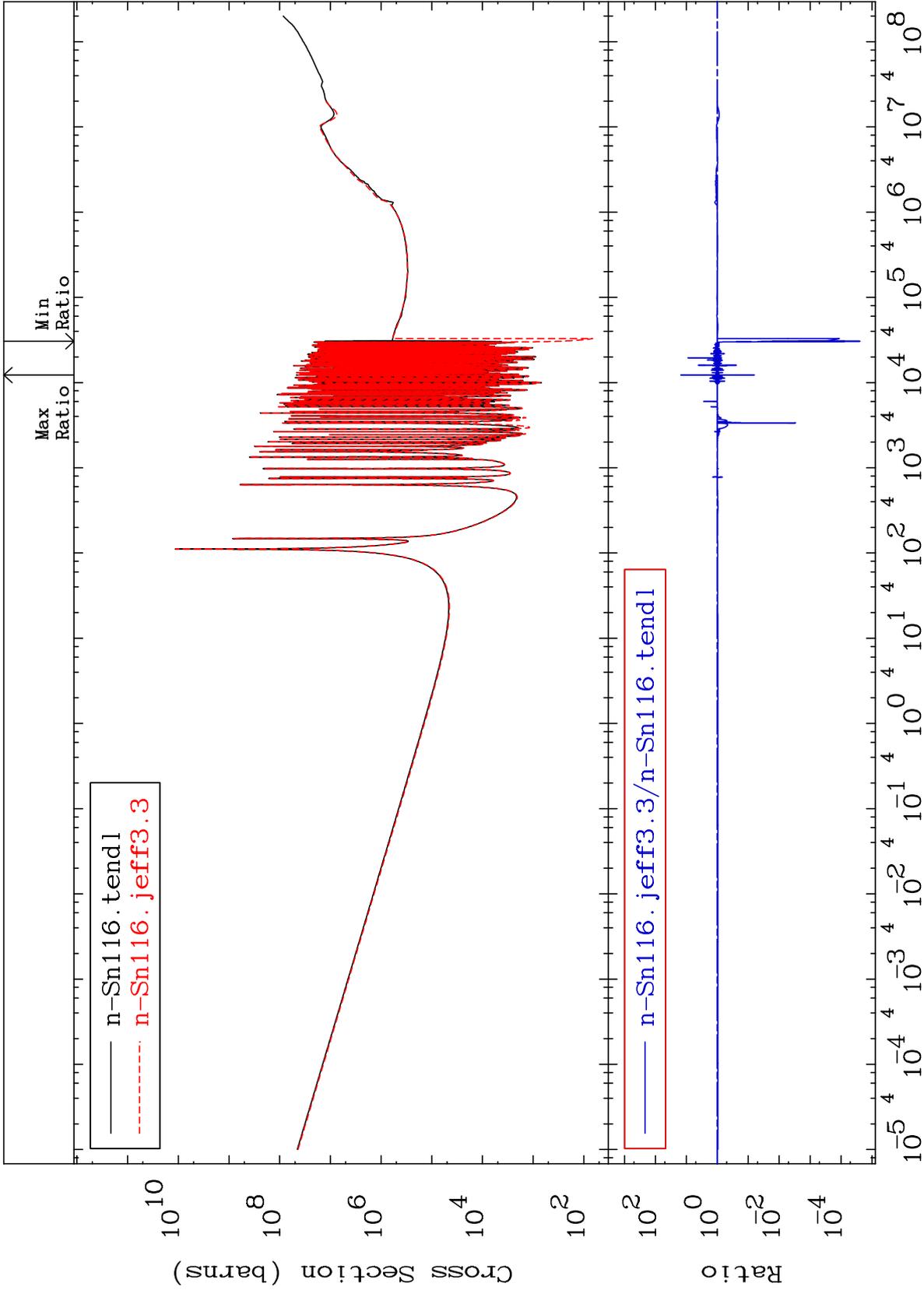
Kerma elastic
Cross Section

50-Sn-116
-97.95 To 2319. %



50

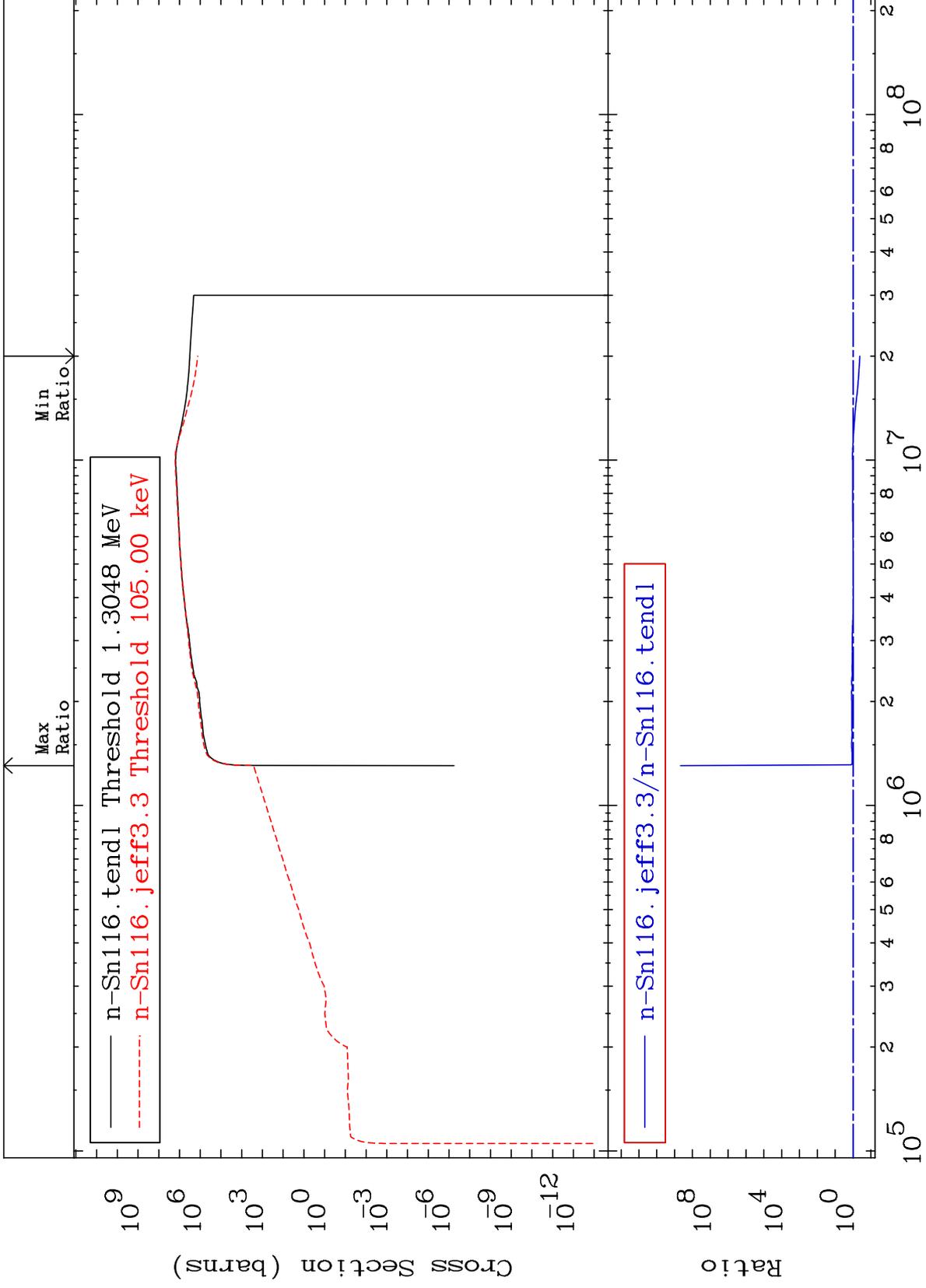
50-Sn-116



MAT 5037

Kerma inelastic (mt51-91)
Cross Section

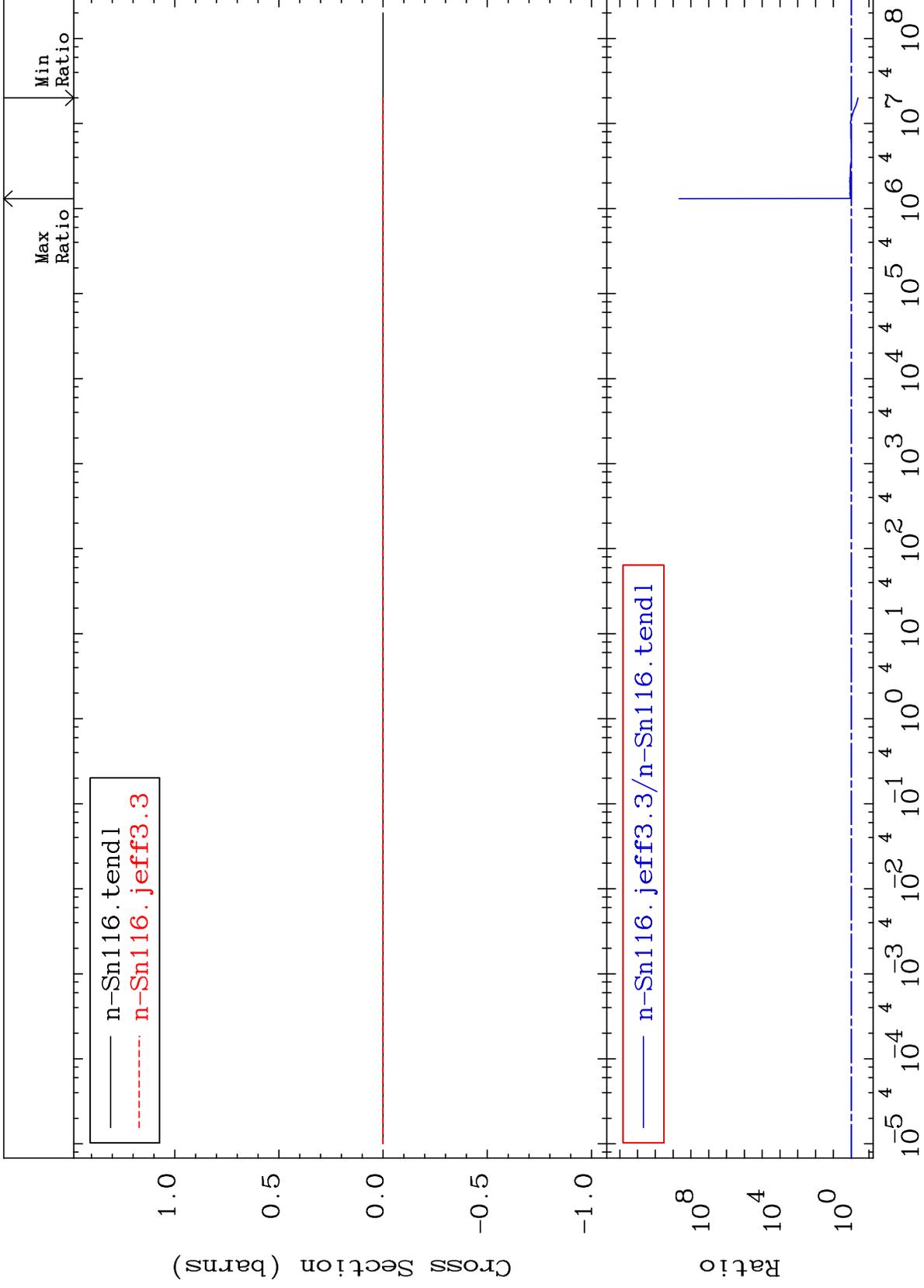
50-Sn-116
-58.22 To 9999. %

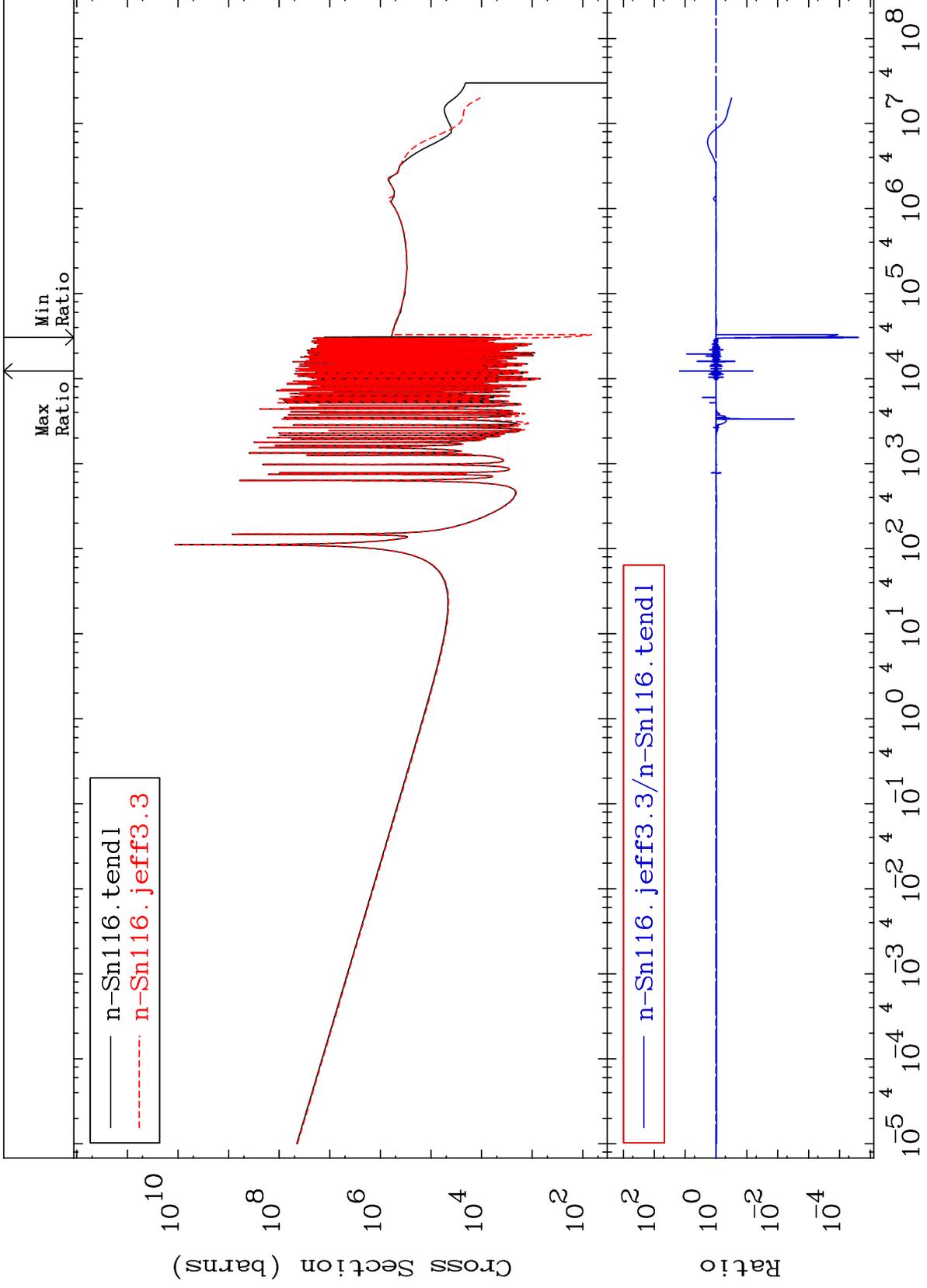


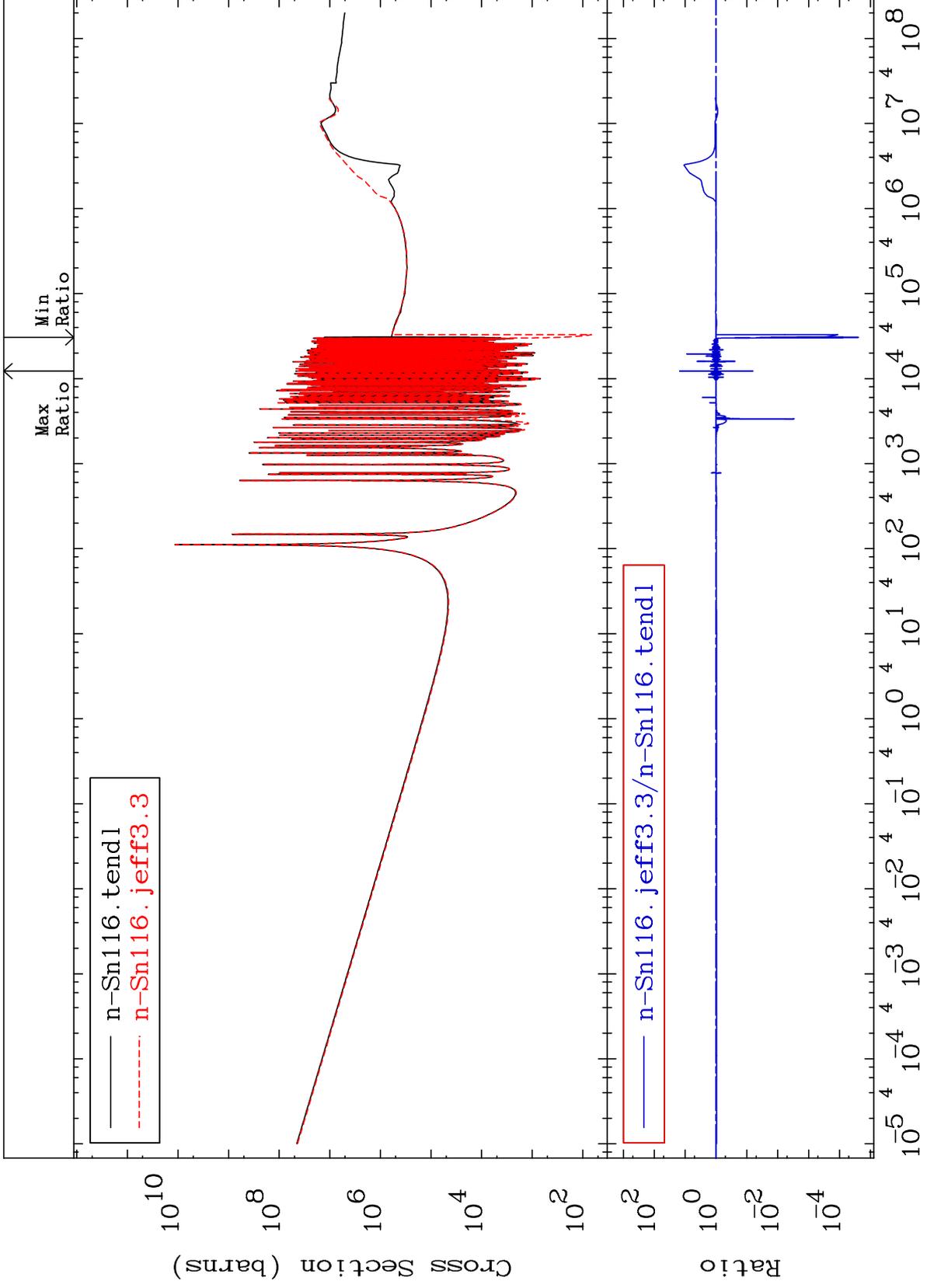
52

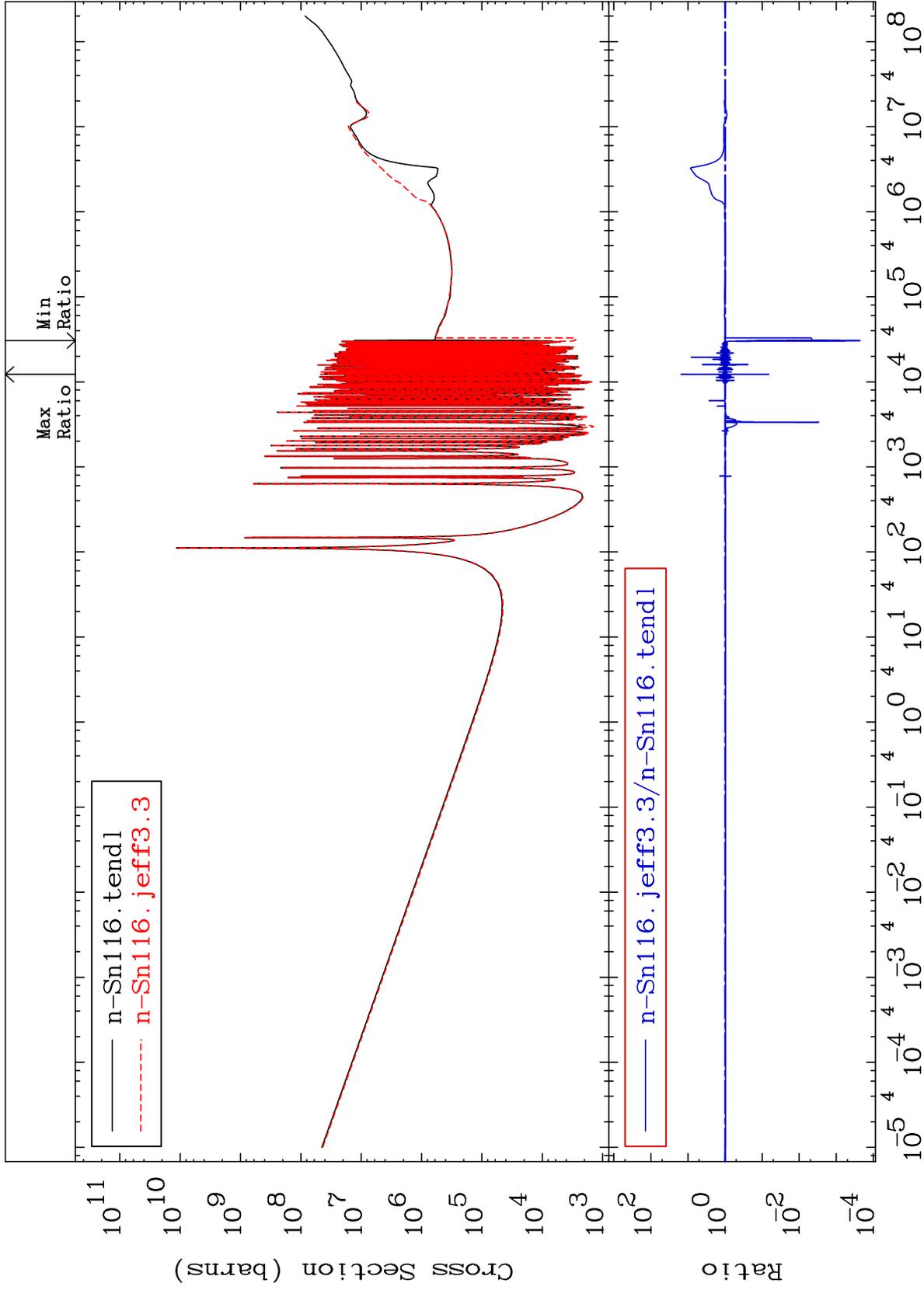
Incident Energy (eV)

50-Sn-116





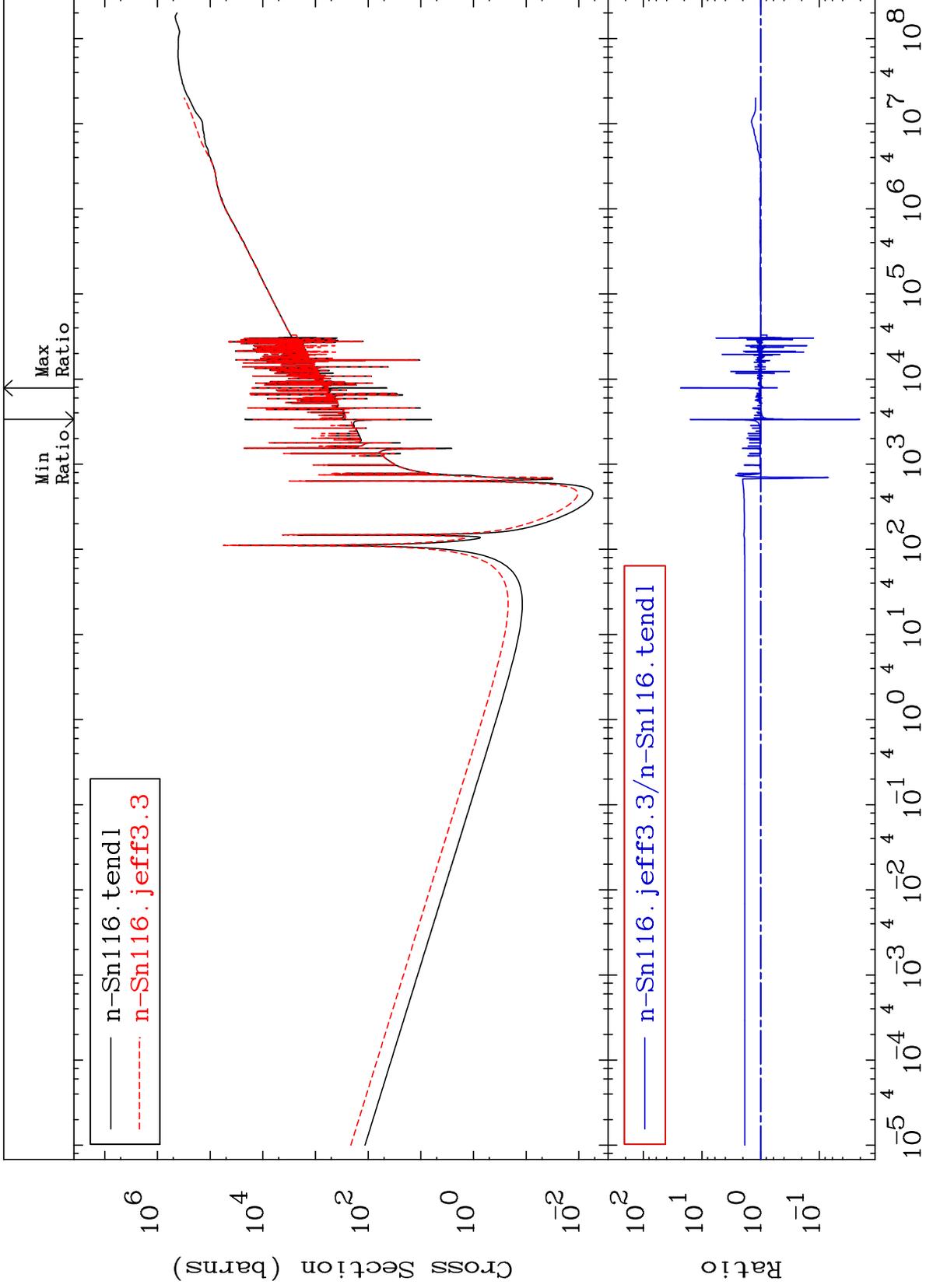


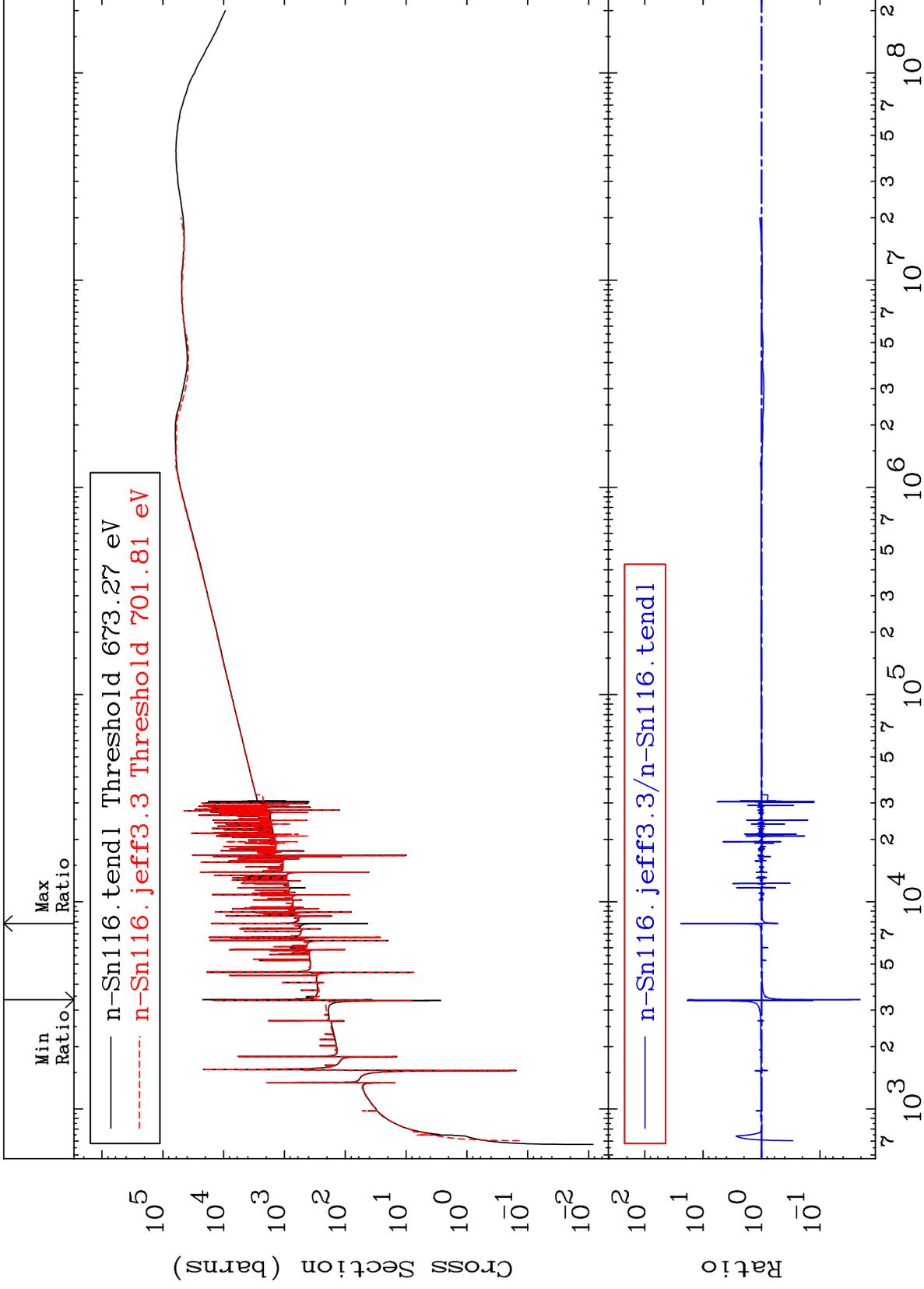


MAT 5037

Dpa total (eV-barns)
Cross Section

50-Sn-116
-97.95 To 2218. %

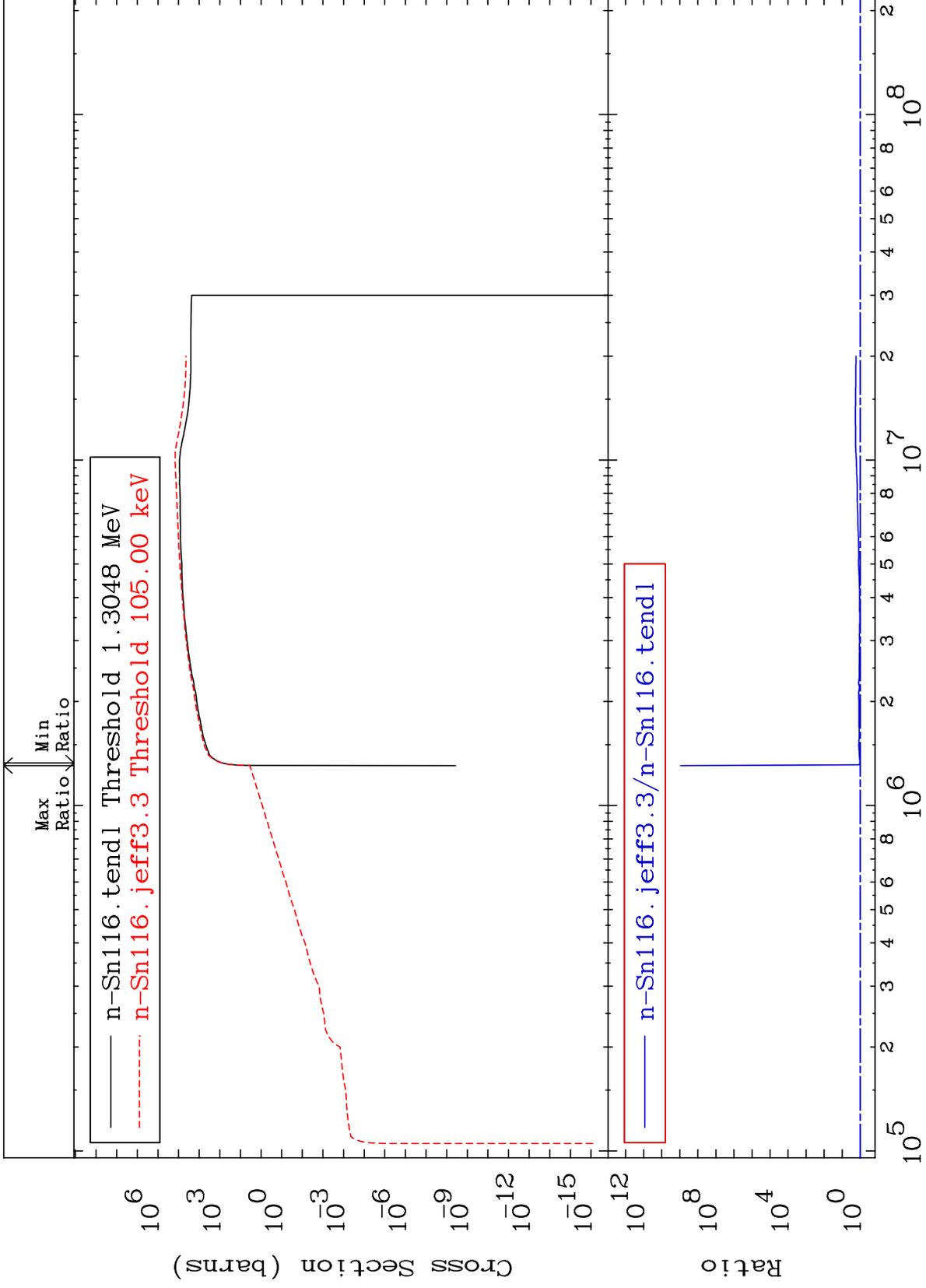




MAT 5037

Dpa inelastic (mt51-91)
Cross Section

50-Sn-116
6.167 To 9999. %



59

Incident Energy (eV)

50-Sn-116

