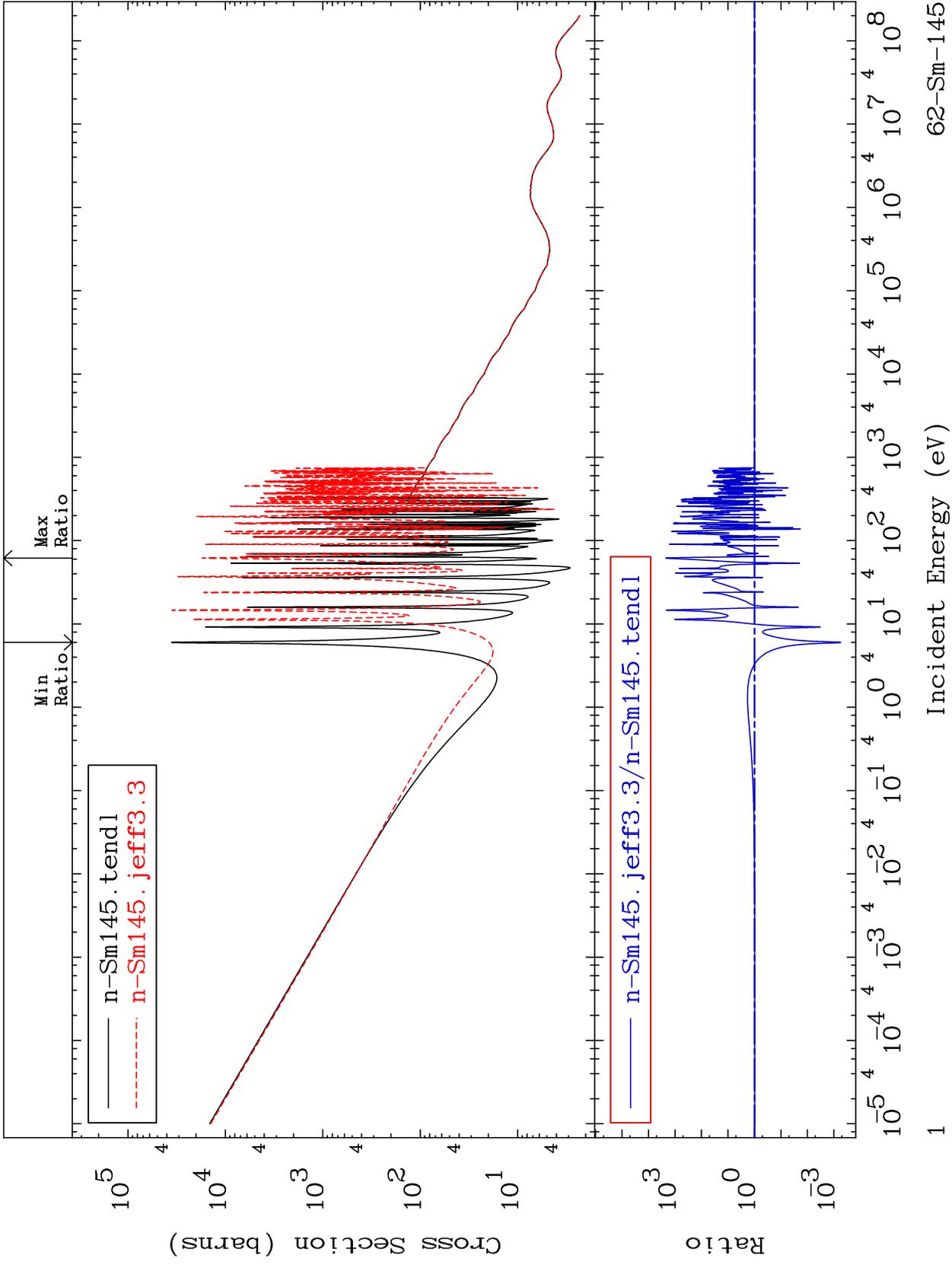


MAT 6228

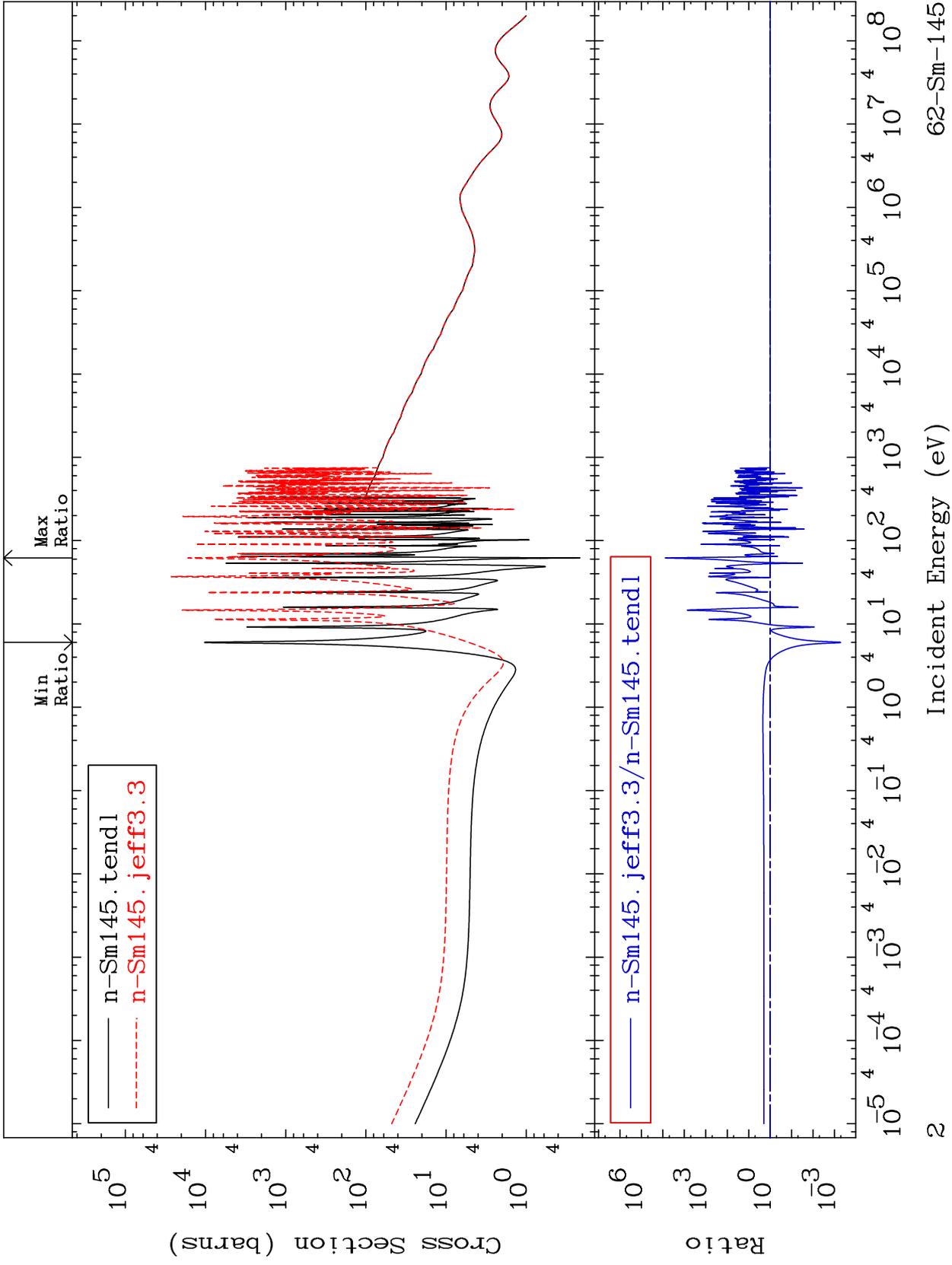
Total Cross Section
62-Sm-145
-99.95 To 9999. %



62-Sm-145

MAT 6228

Elastic Cross Section
62-Sm-145
-99.95 To 9999. %



62-Sm-145

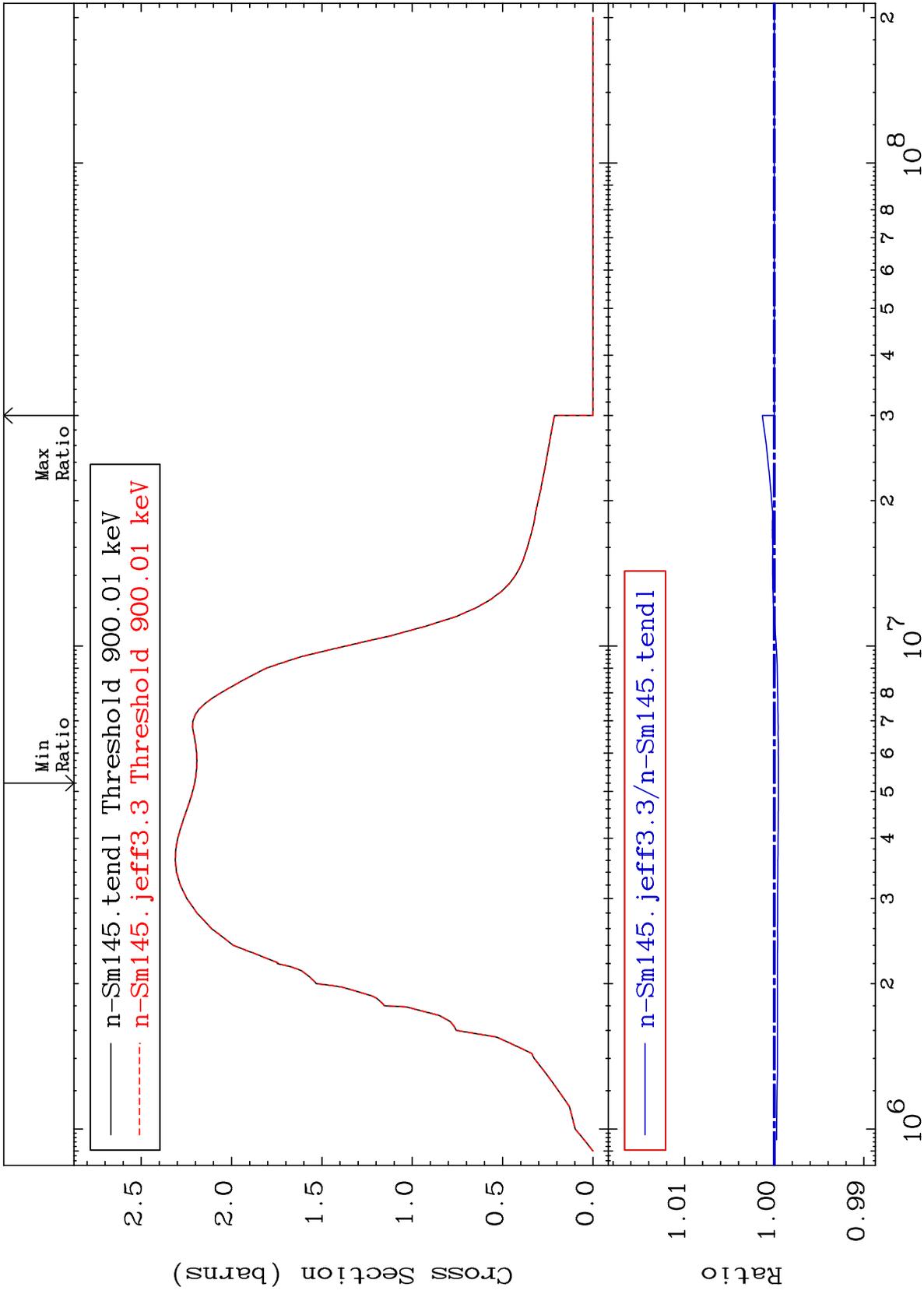
Incident Energy (eV)

2

MAT 6228

Inelastic
Cross Section

62-Sm-145
-0.047 To 0.133 %



Incident Energy (eV)

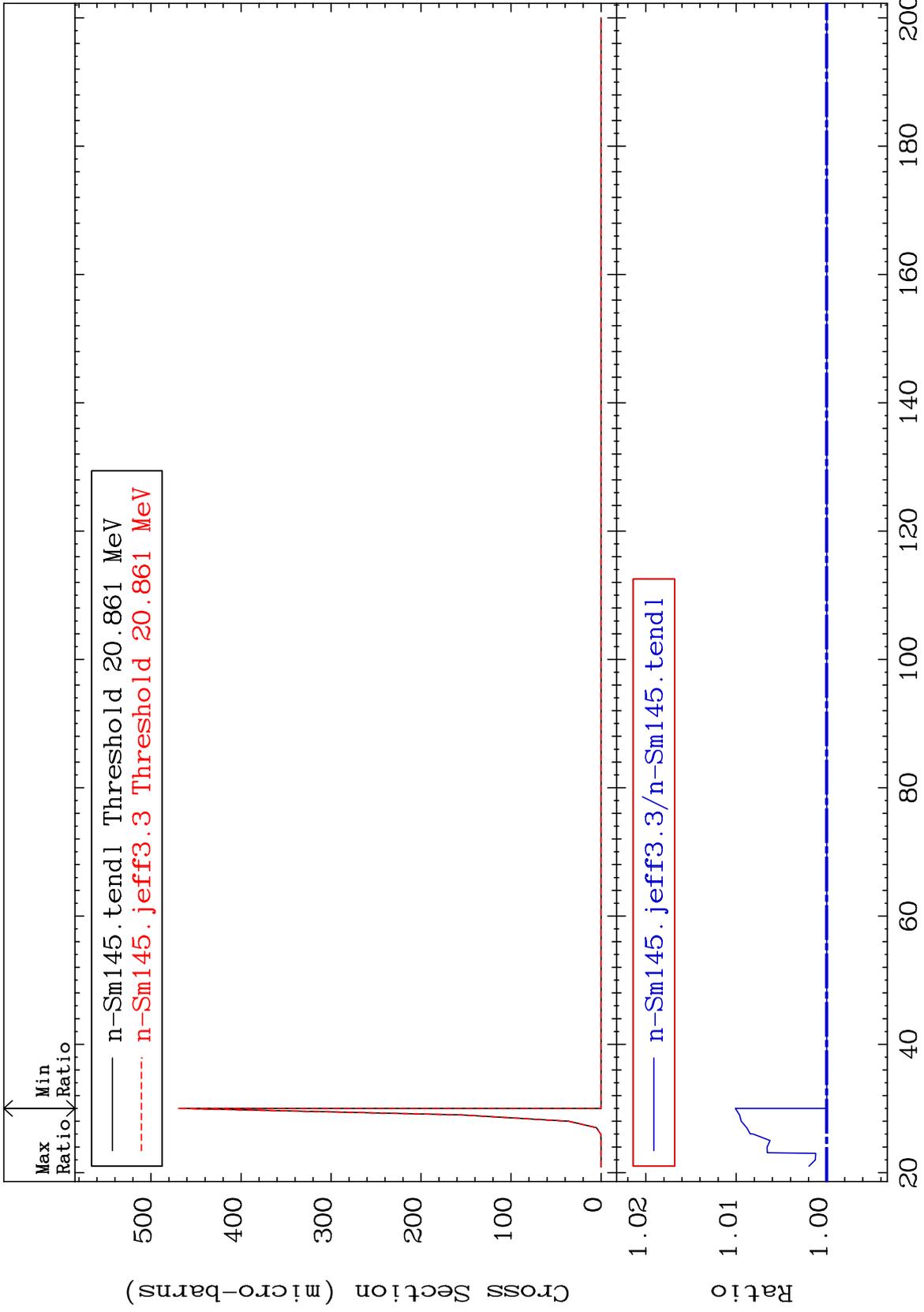
62-Sm-145

3

MAT 6228

(n,2n) d
Cross Section

62-Sm-145
To 1.011 %



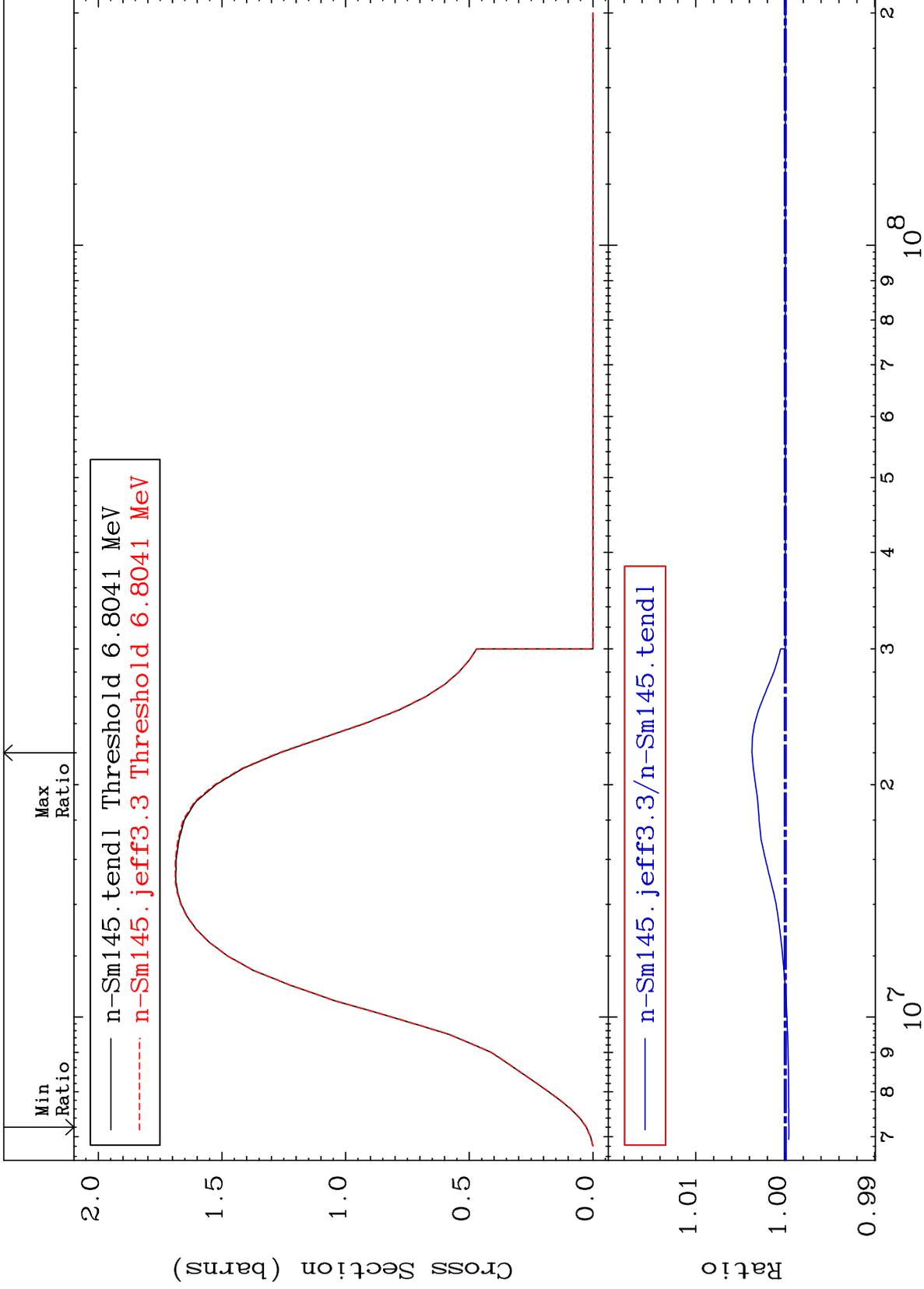
MAT 6228

(n,2n)

62-Sm-145

Cross Section

-0.040 To 0.372 %



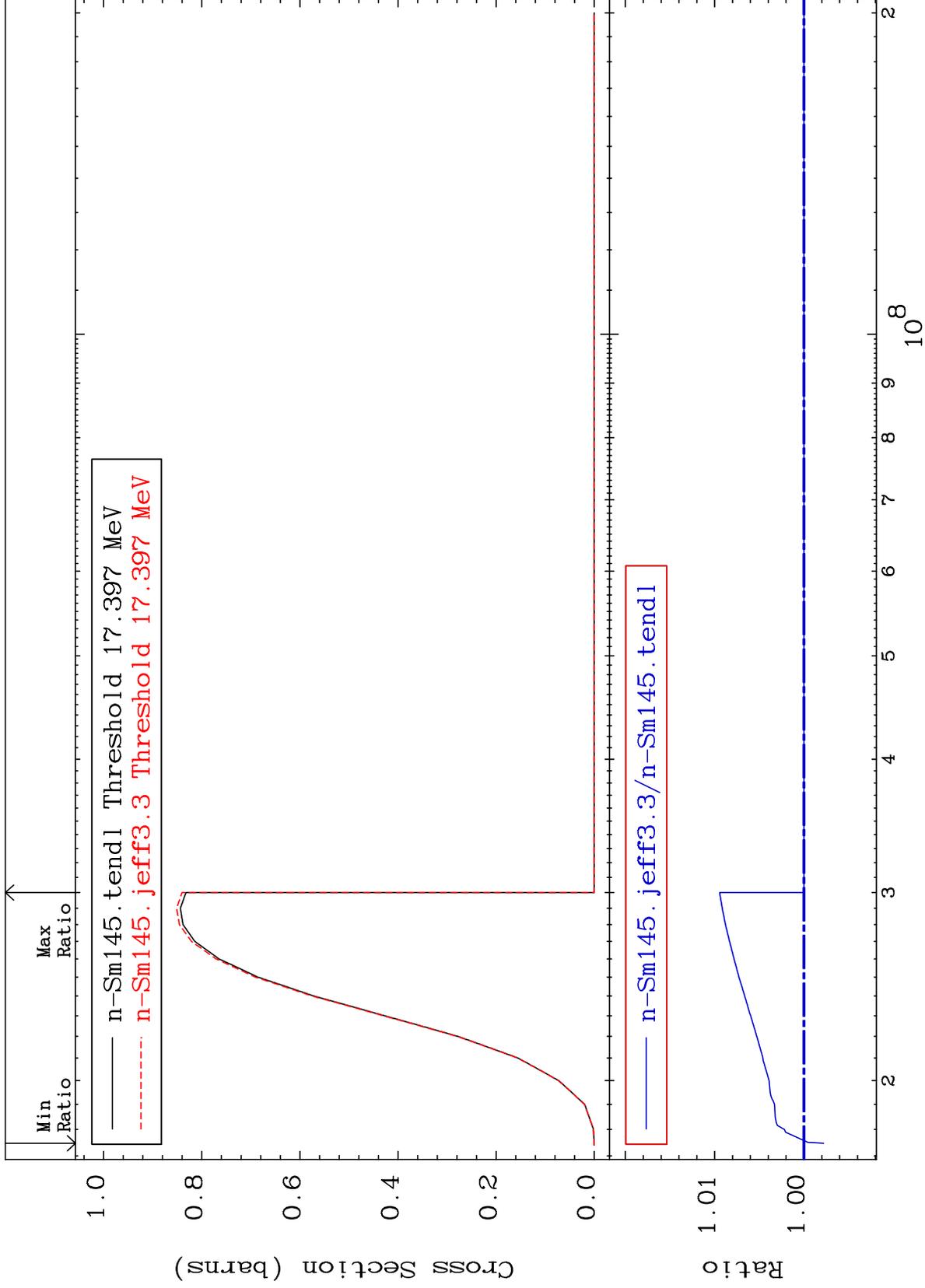
5

Incident Energy (eV)

62-Sm-145

Cross Section

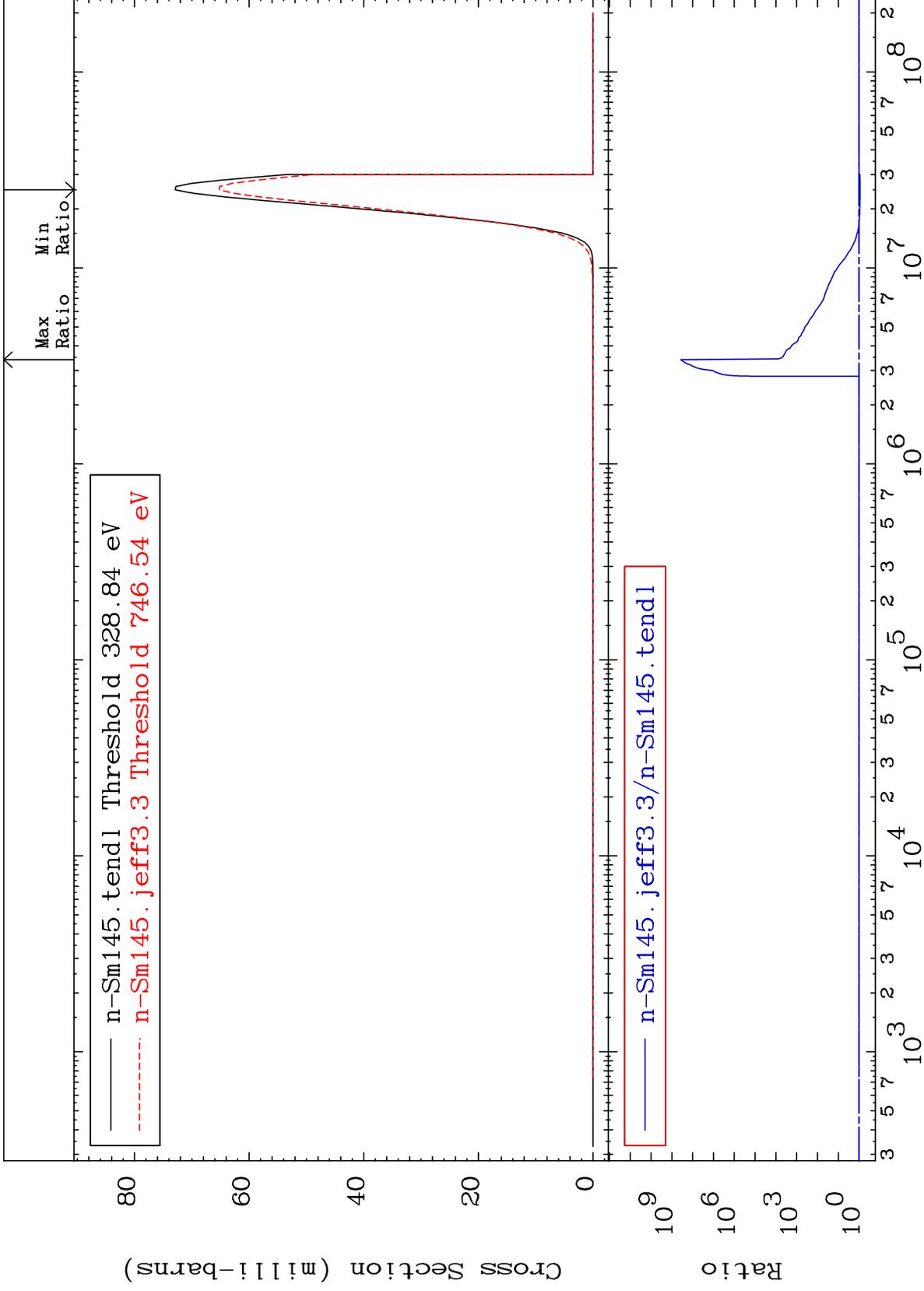
-0.218 To 0.945 %



MAT 6228

(n, n') α
Cross Section

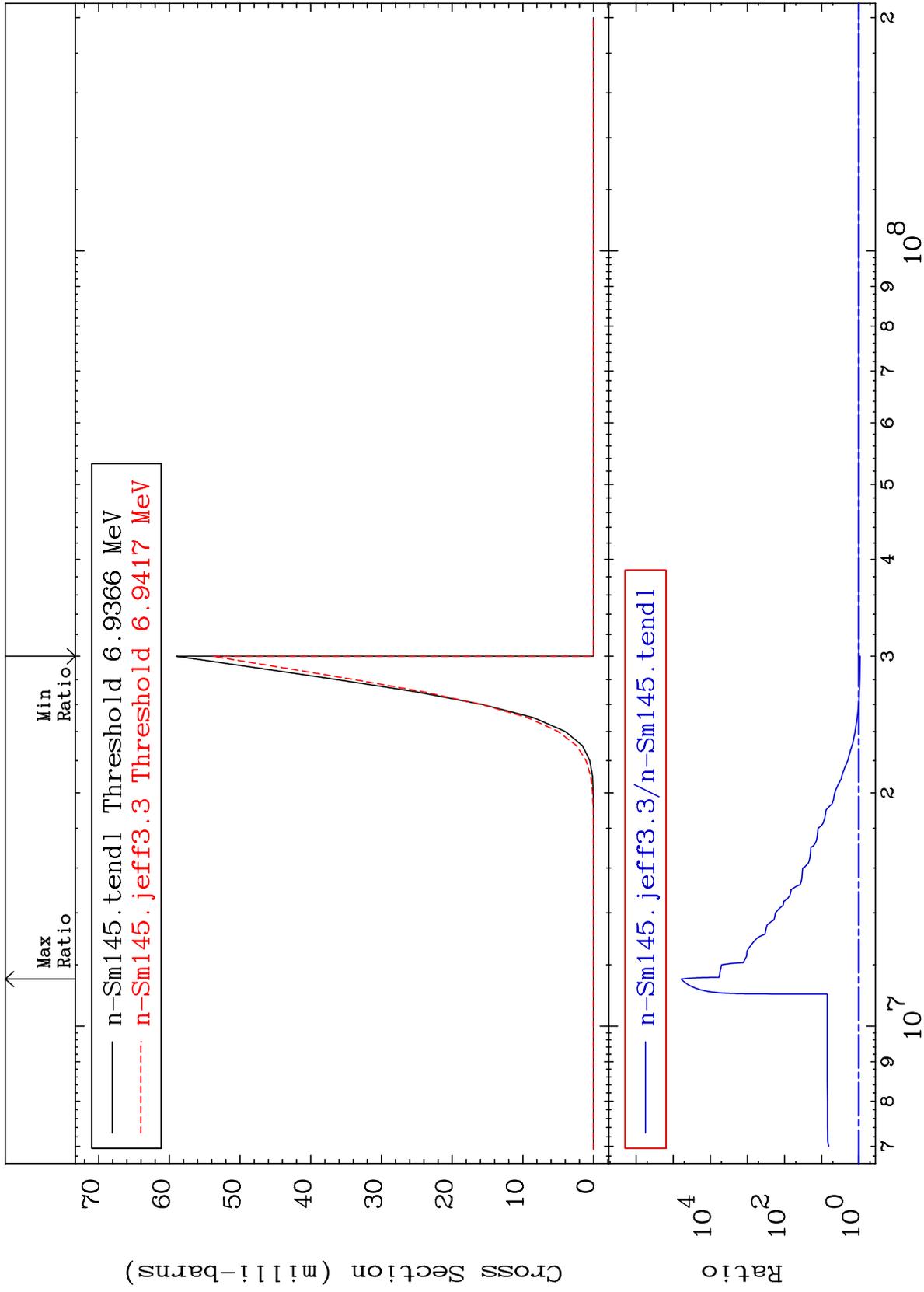
62-Sm-145
-10.56 To 9999. %



MAT 6228

(n,2n) α
Cross Section

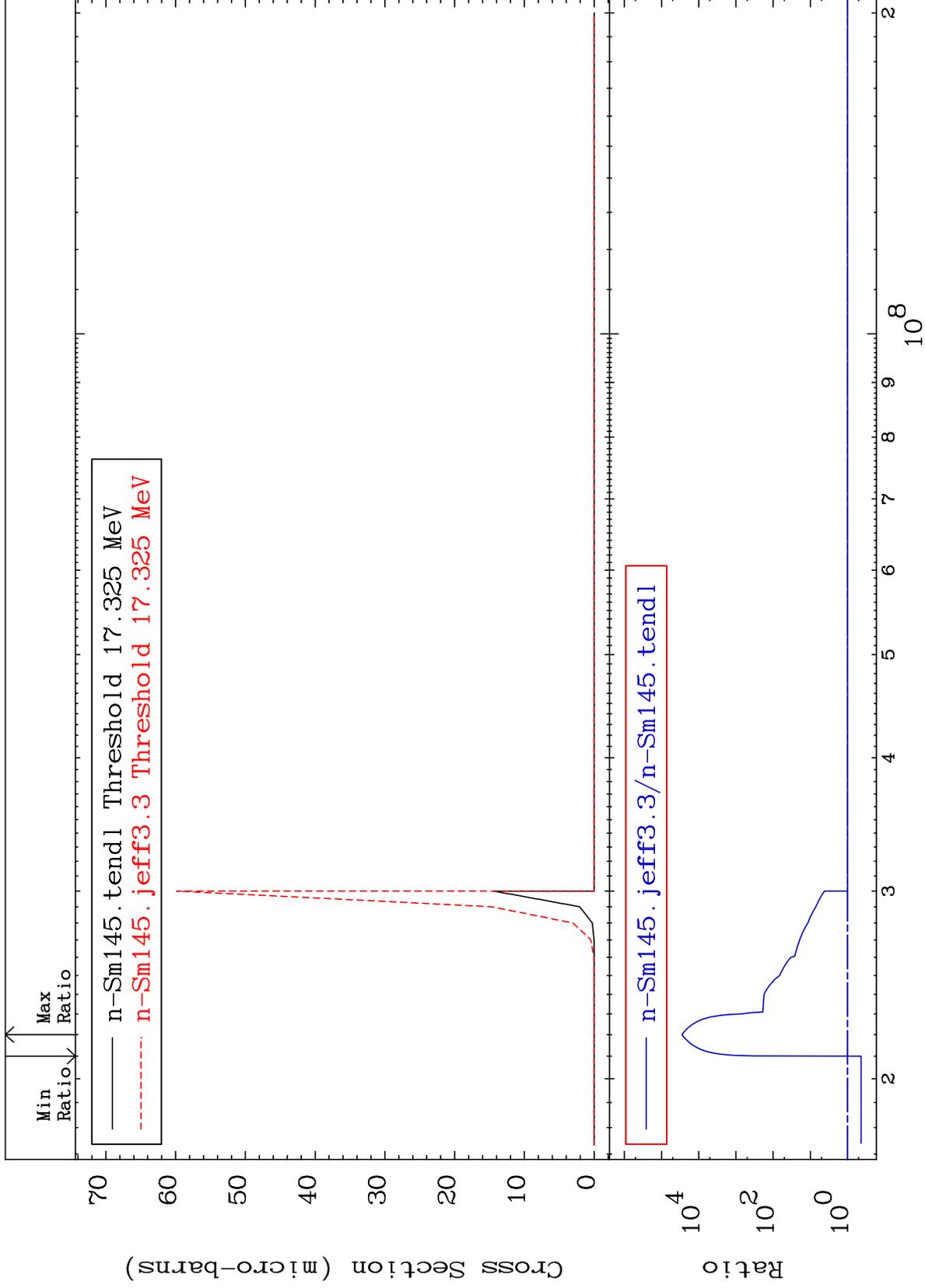
62-Sm-145
-8.675 To 9999. %



MAT 6228

(n,3n) α
Cross Section

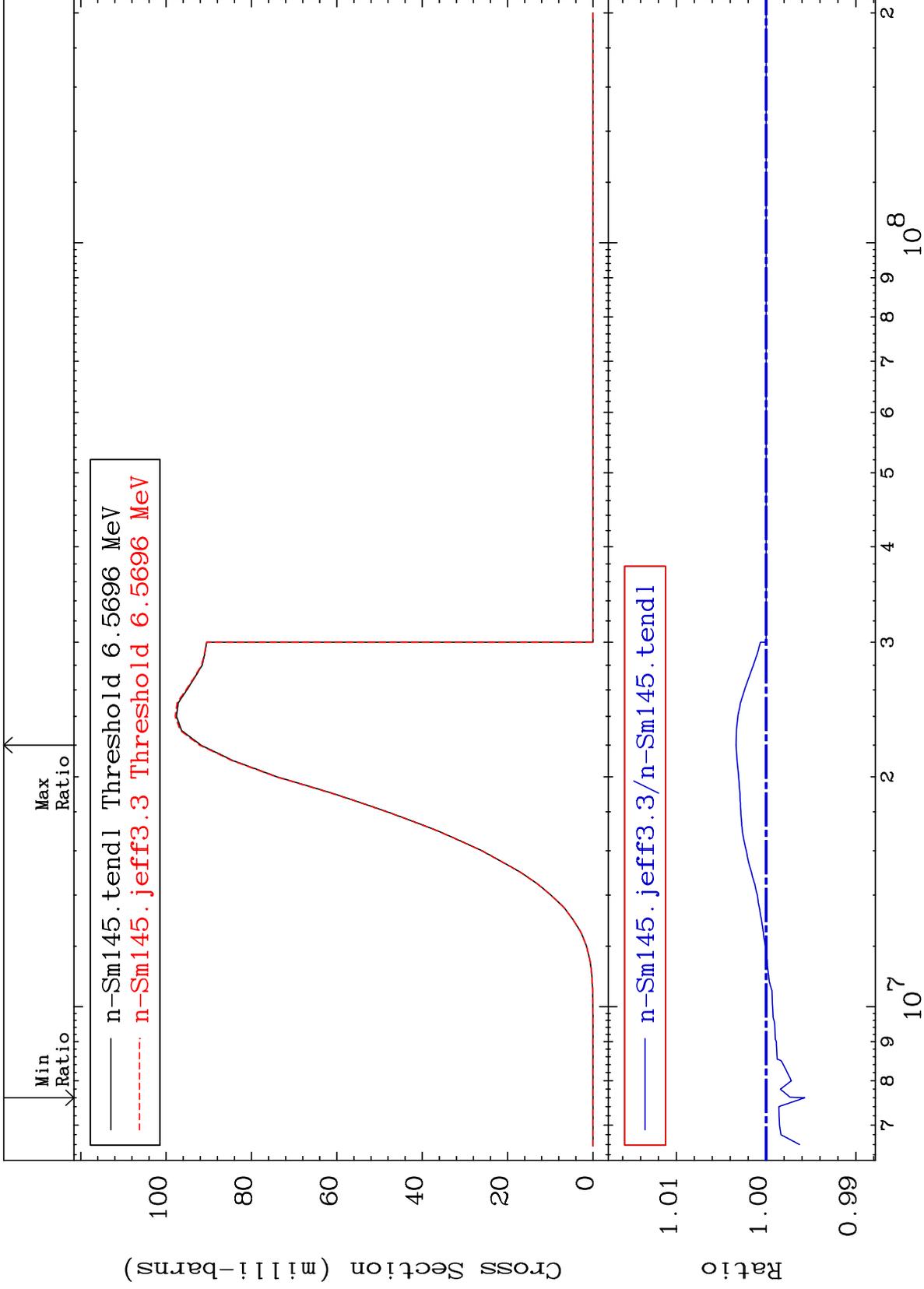
62-Sm-145
-56.93 To 9999. %



MAT 6228

(n, n') p
Cross Section

62-Sm-145
-0.430 To 0.334 %



10

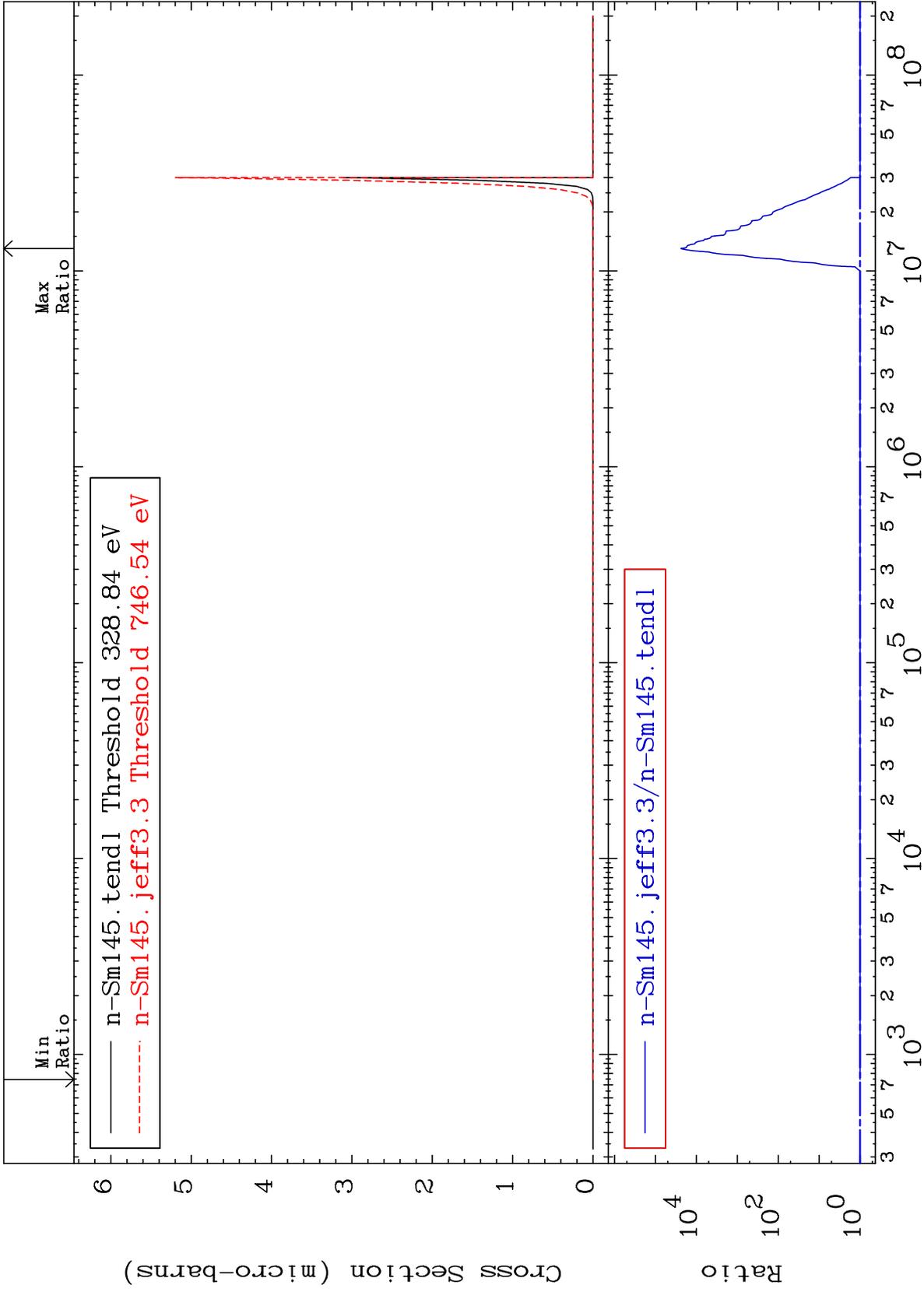
Incident Energy (eV)

62-Sm-145

MAT 6228

(n, n') 2α
Cross Section

62-Sm-145
To 9999. %



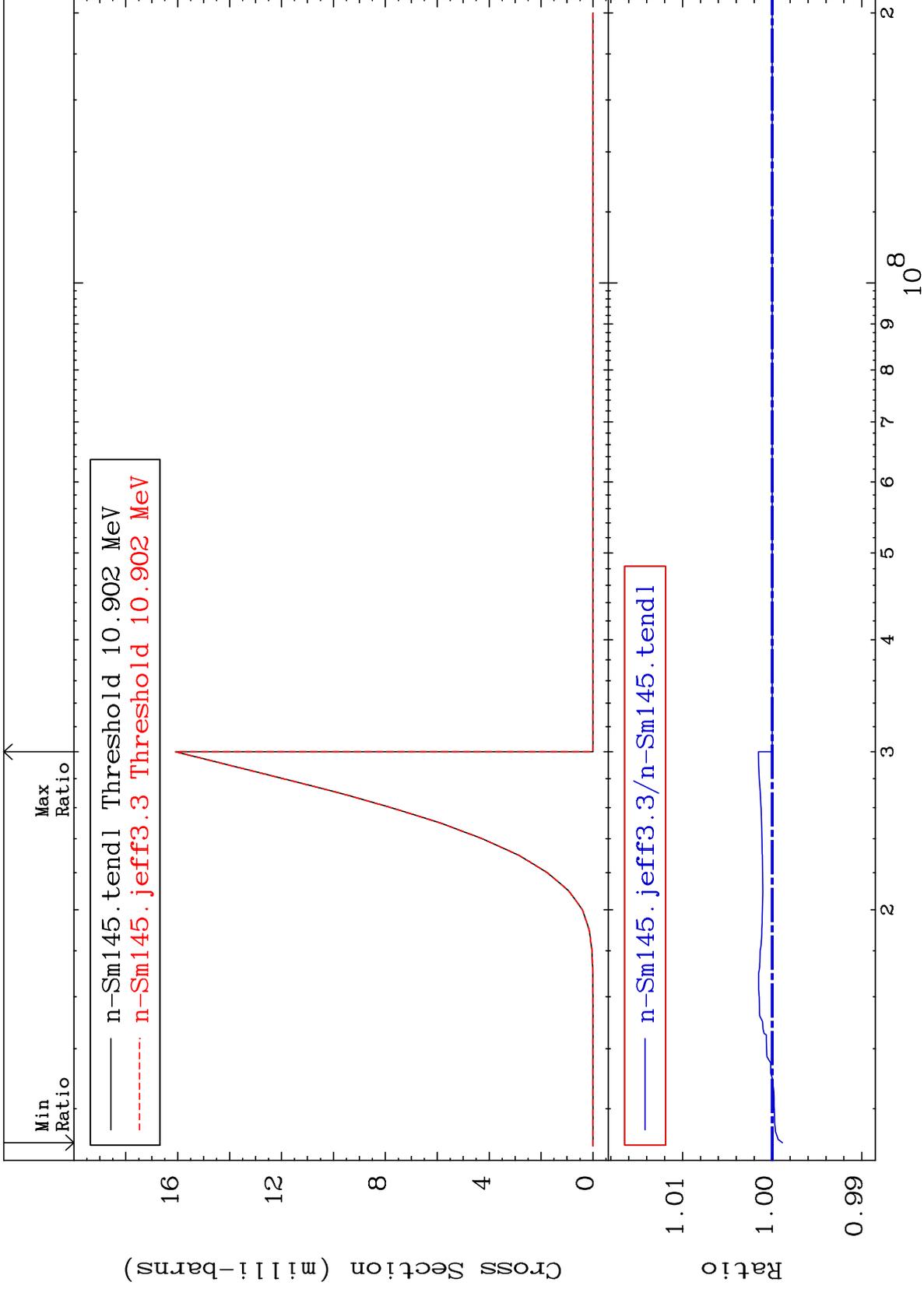
MAT 6228

(n,n') d

62-Sm-145

Cross Section

-0.115 To 0.154 %



12

Incident Energy (eV)

62-Sm-145

MAT 6228

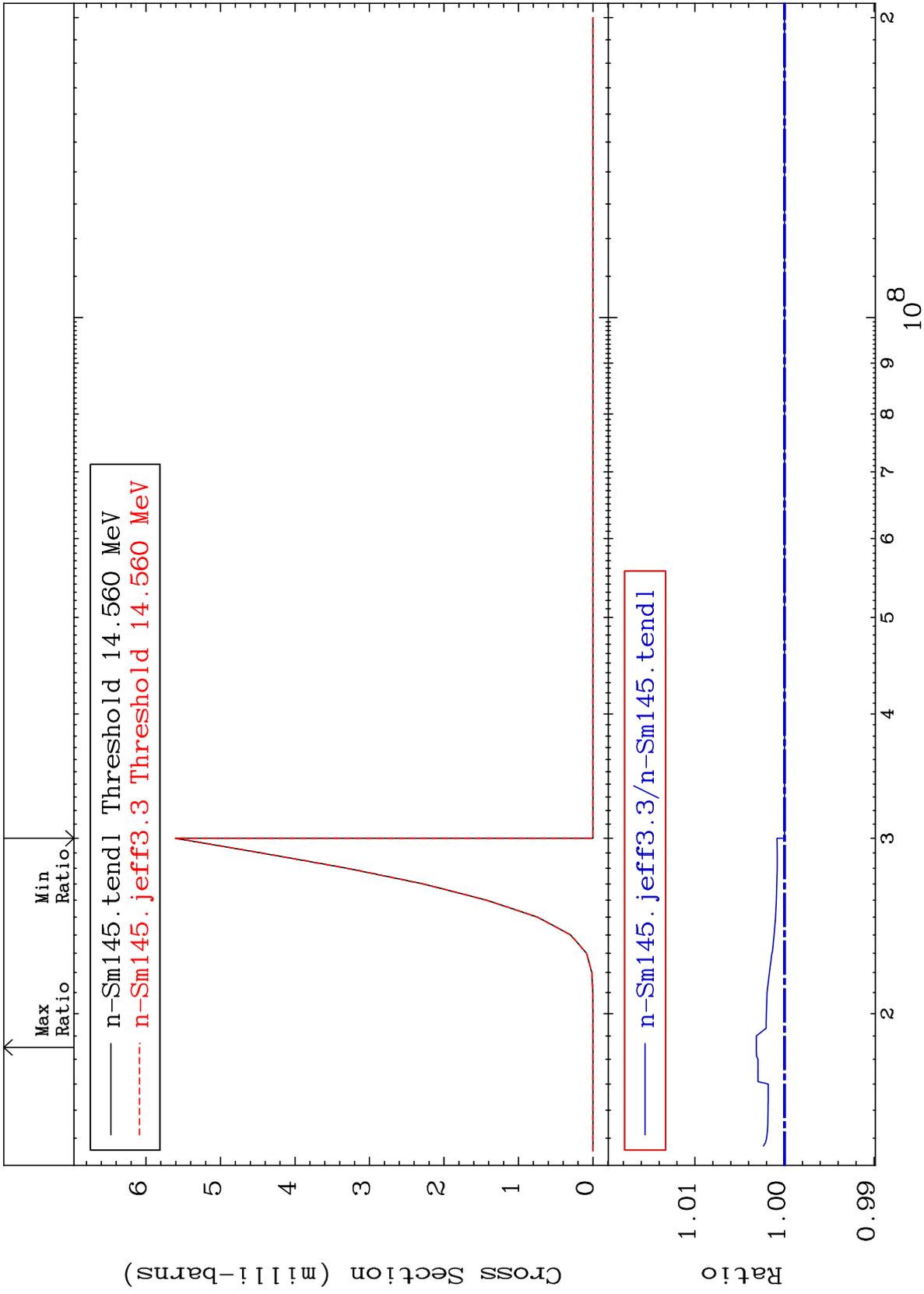
(n,n') t

62-Sm-145

Cross Section

0.000

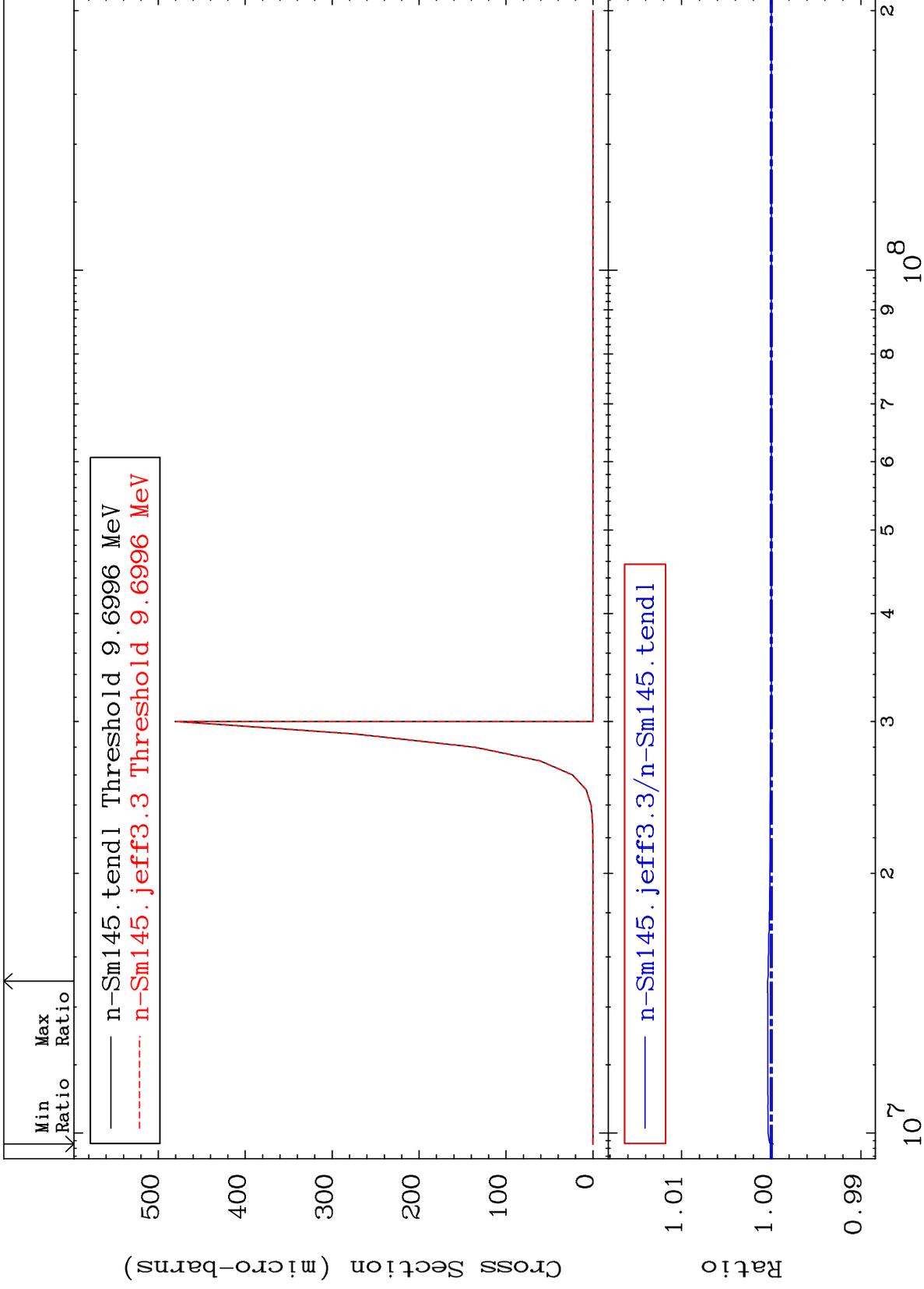
To 0.314 %



MAT 6228

(n, n') He-3
Cross Section

62-Sm-145
-0.023 To 0.041 %



14

62-Sm-145

62-Sm-145

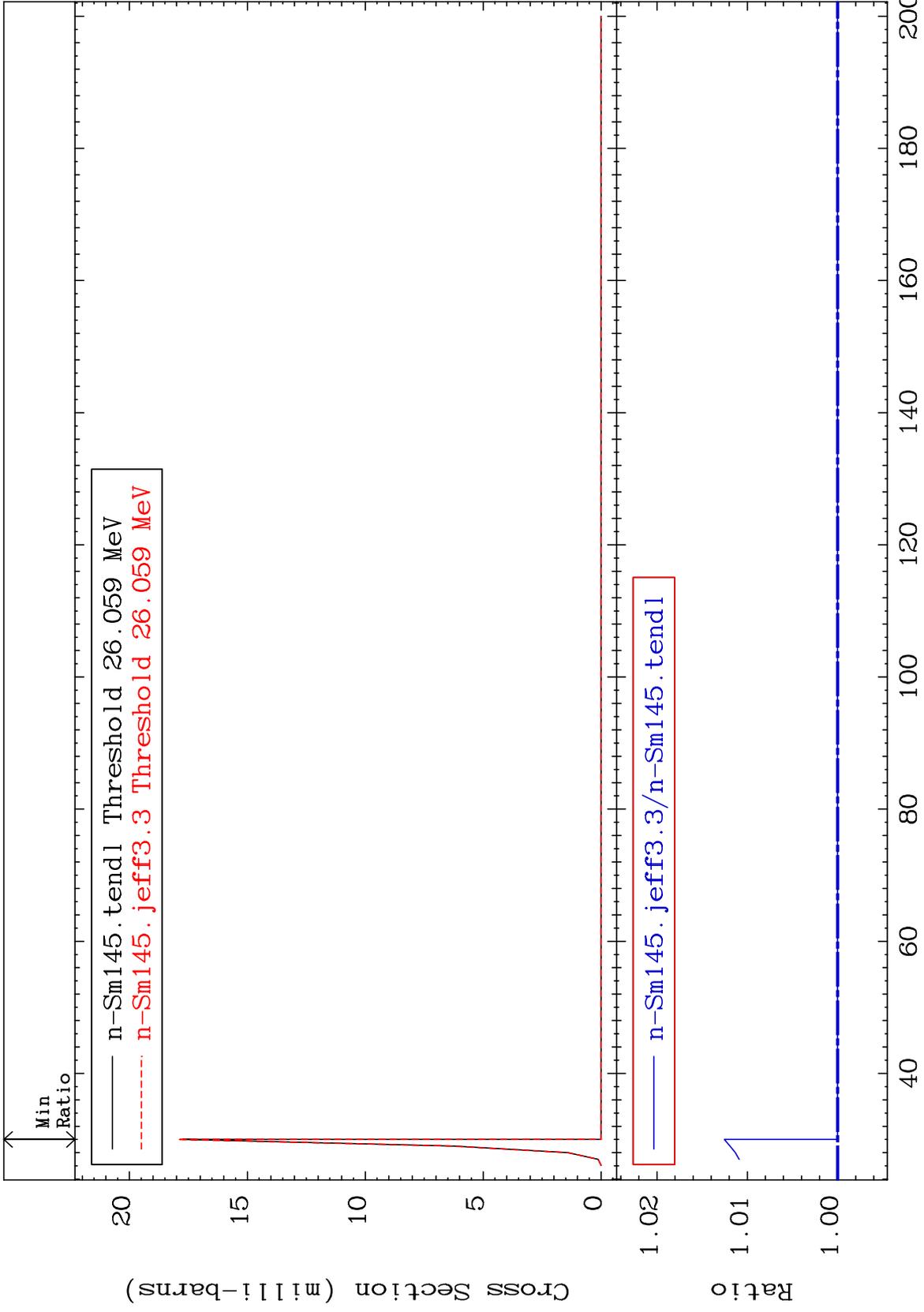
MAT 6228

(n,4n)

62-Sm-145

Cross Section

0.000 To 1.254 %



15

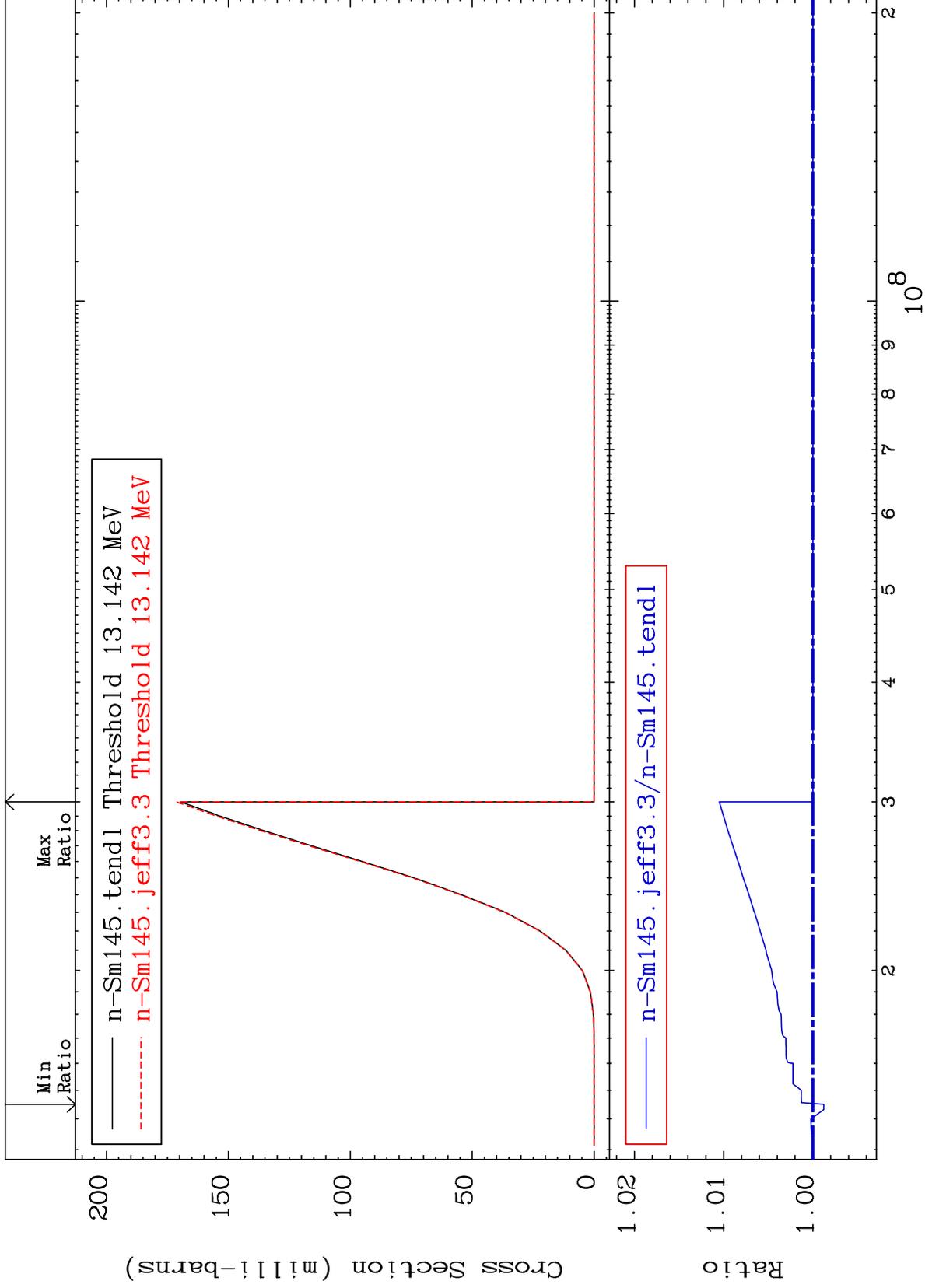
Incident Energy (MeV)

62-Sm-145

MAT 6228

(n,2n) p
Cross Section

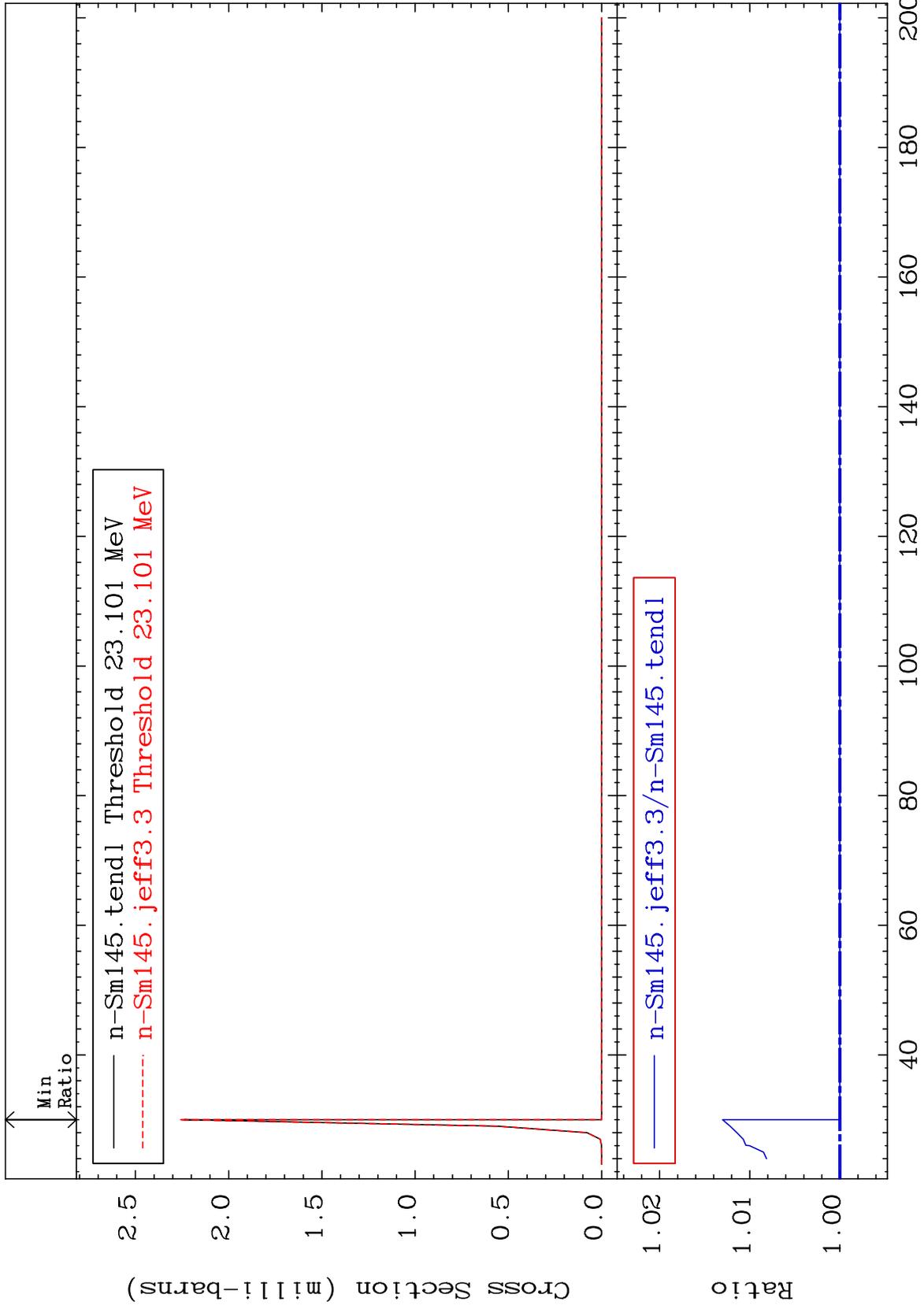
62-Sm-145
-0.123 To 1.049 %



MAT 6228

(n,3n) p
Cross Section

62-Sm-145
To 1.302 %

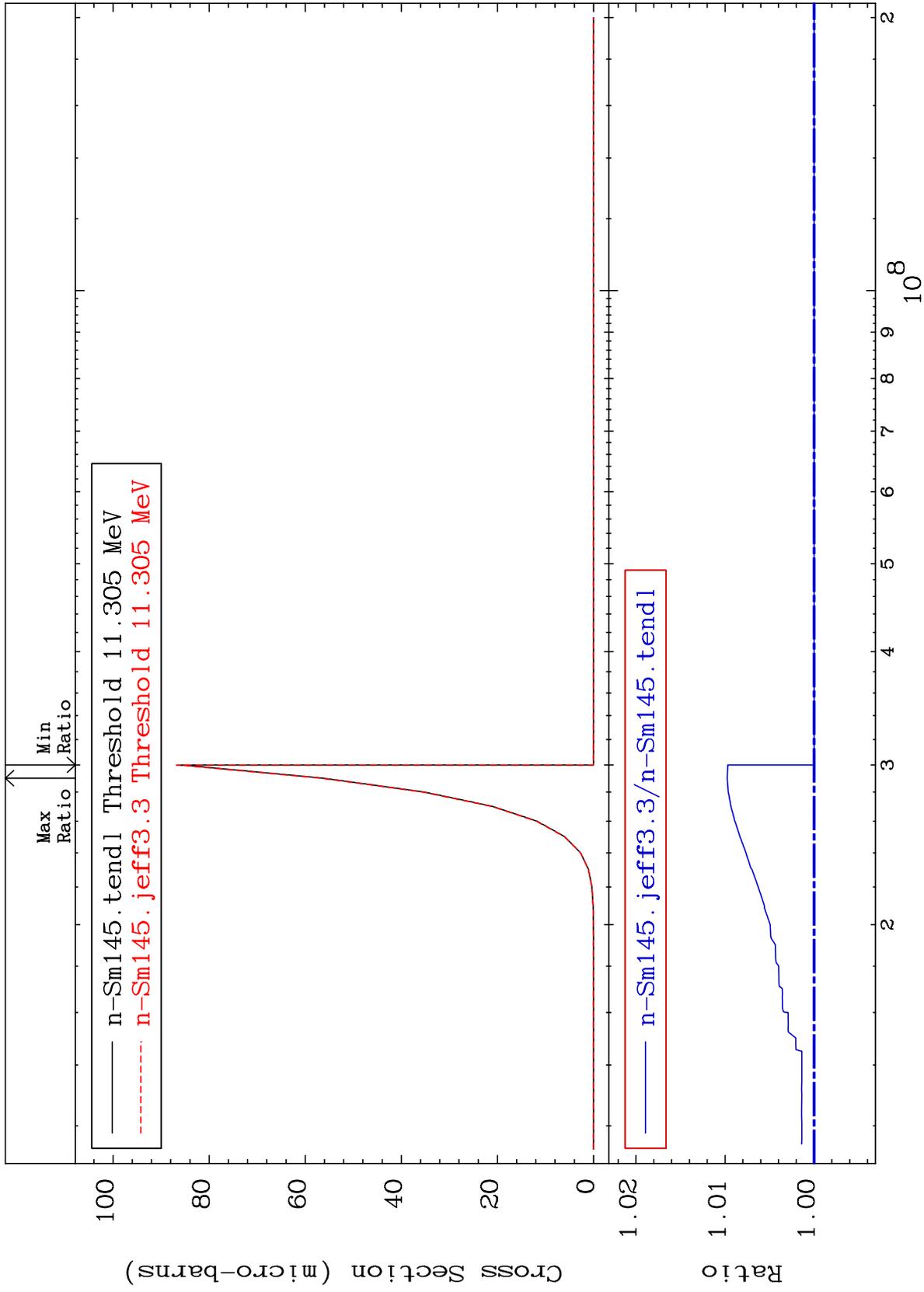


MAT 6228

(n,2n) p
Cross Section

62-Sm-145

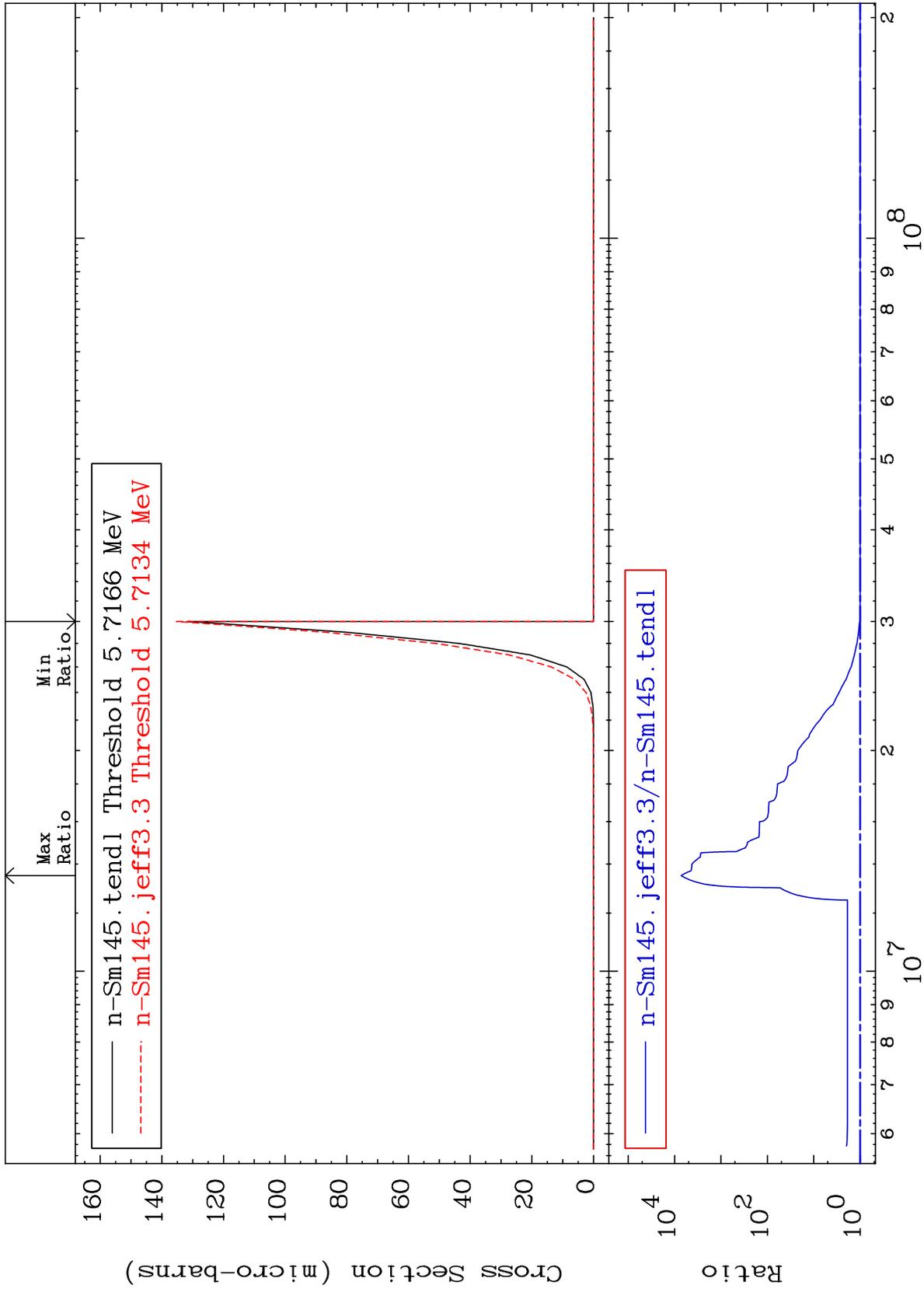
0.000 To 0.975 %



MAT 6228

(n,n') p α
Cross Section

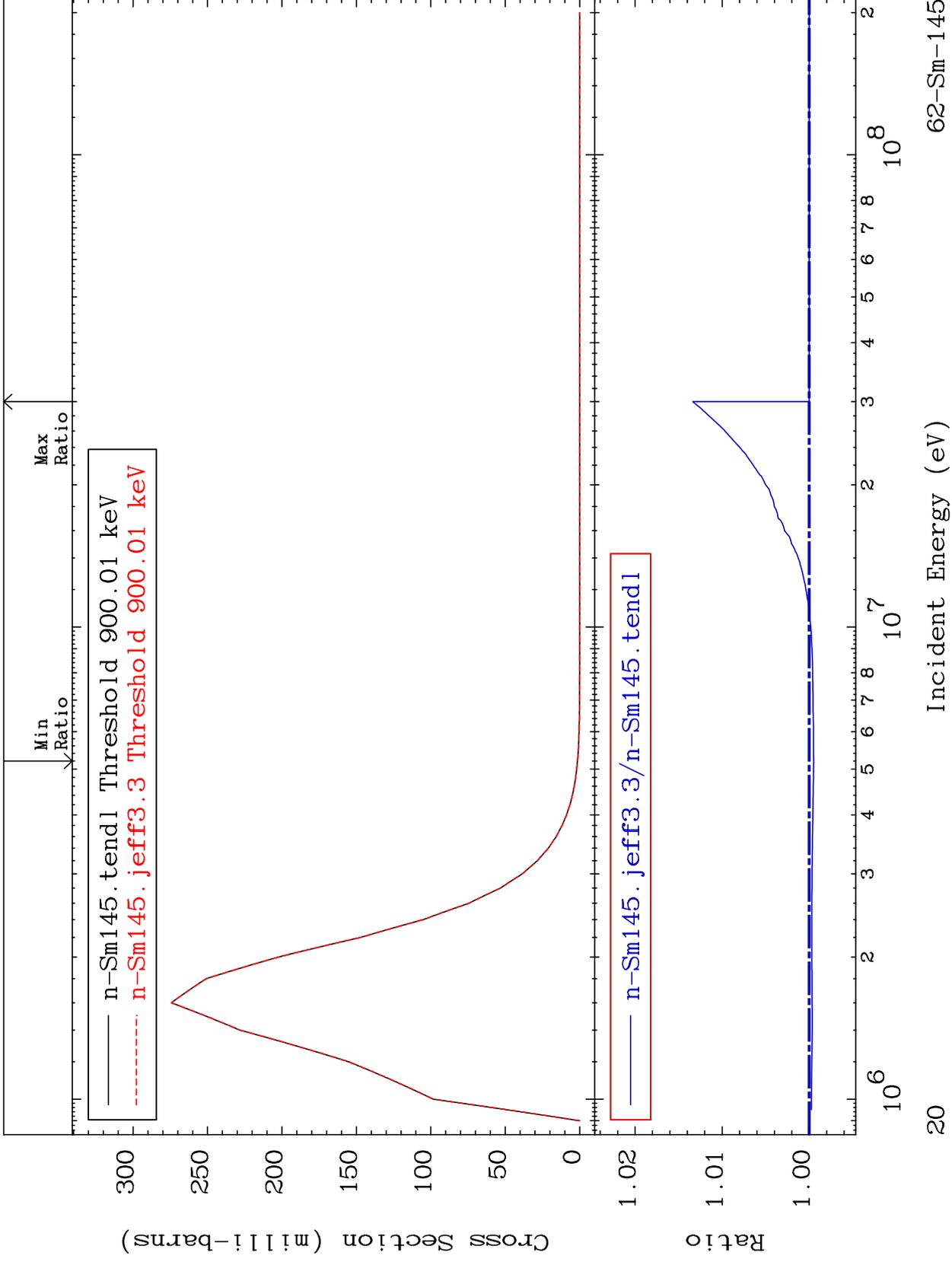
62-Sm-145
To 9999. %



MAT 6228

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

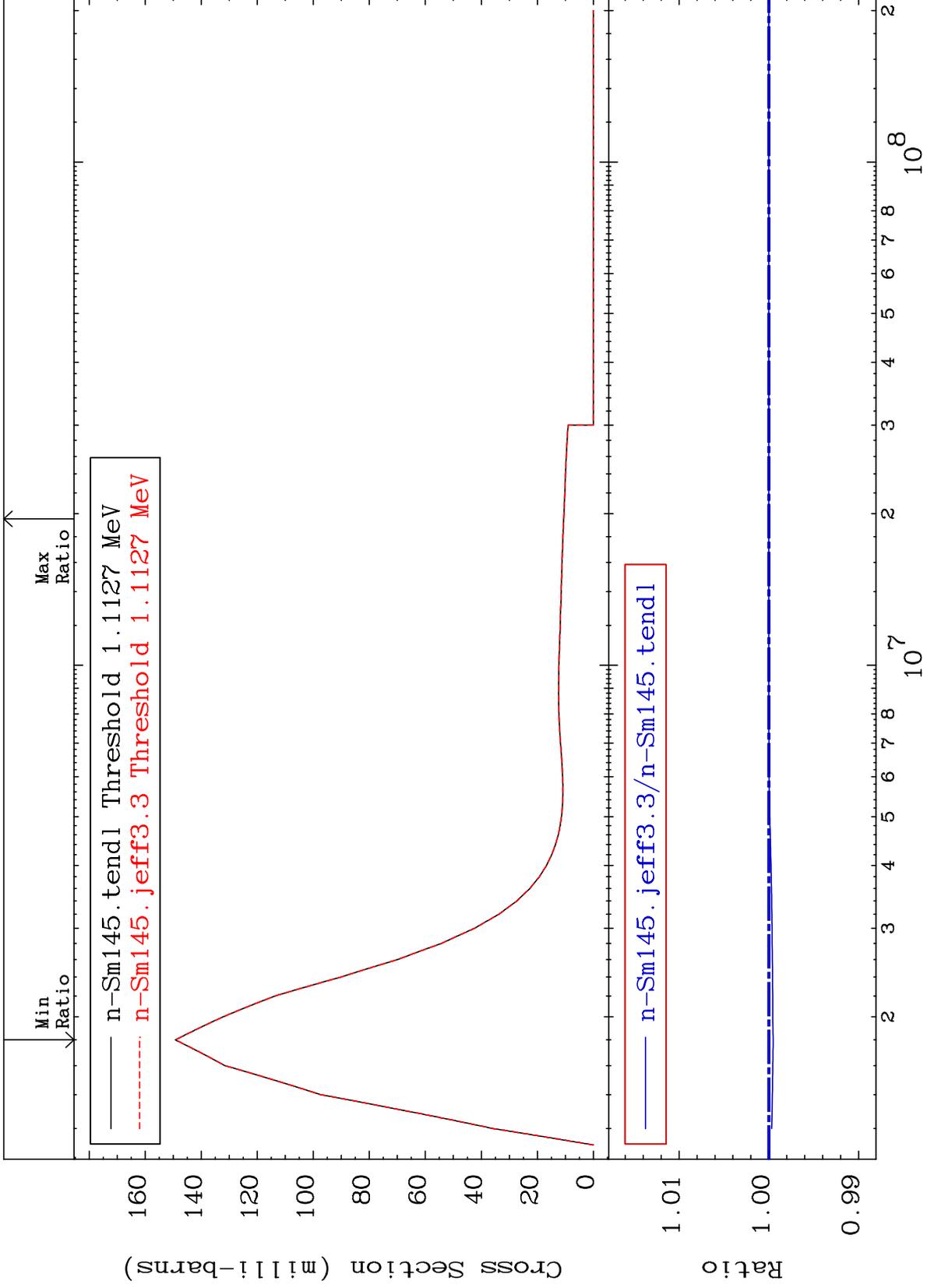
62-Sm-145
-0.050 To 1.337 %



MAT 6228

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

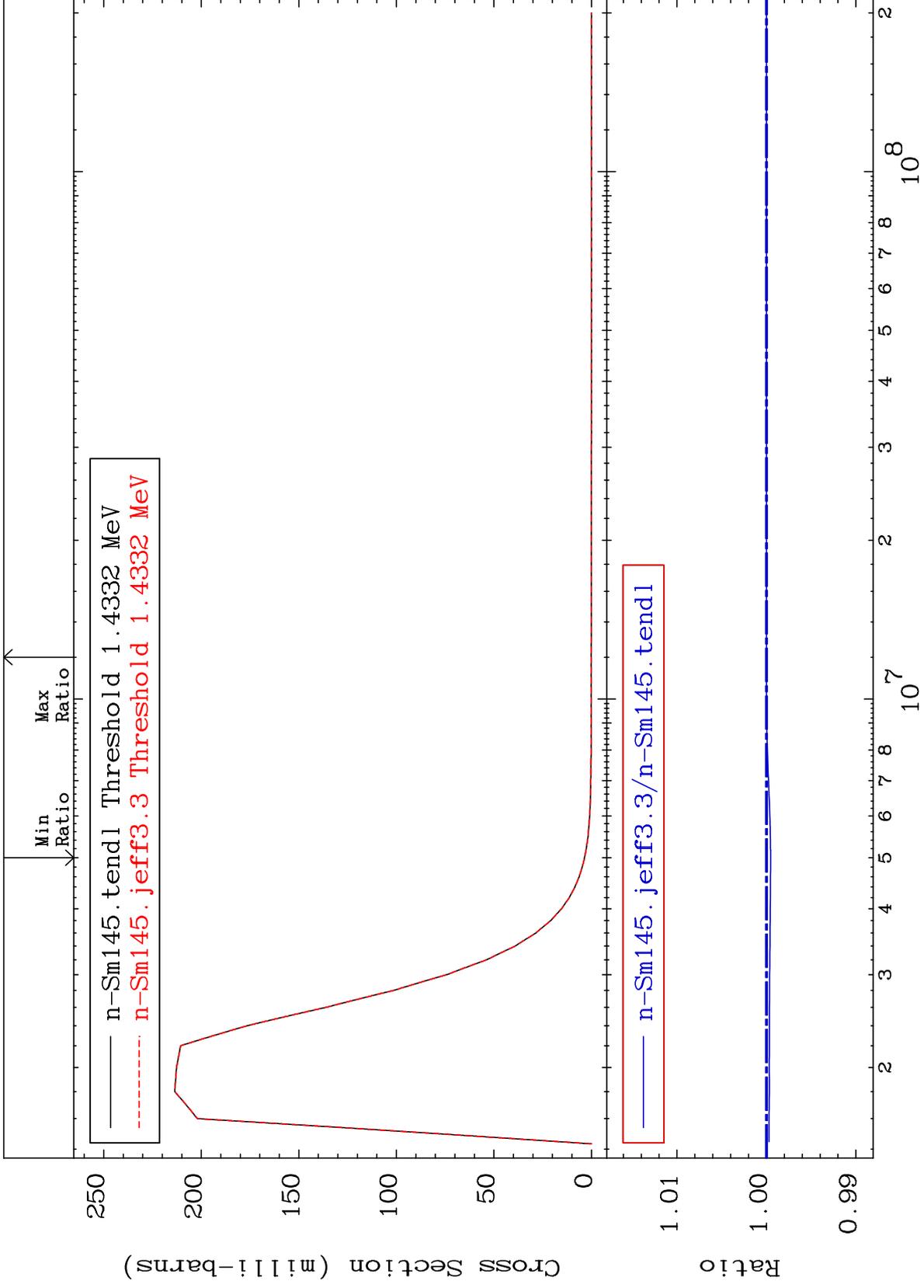
62-Sm-145
-0.048 To 0.000 %



MAT 6228

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

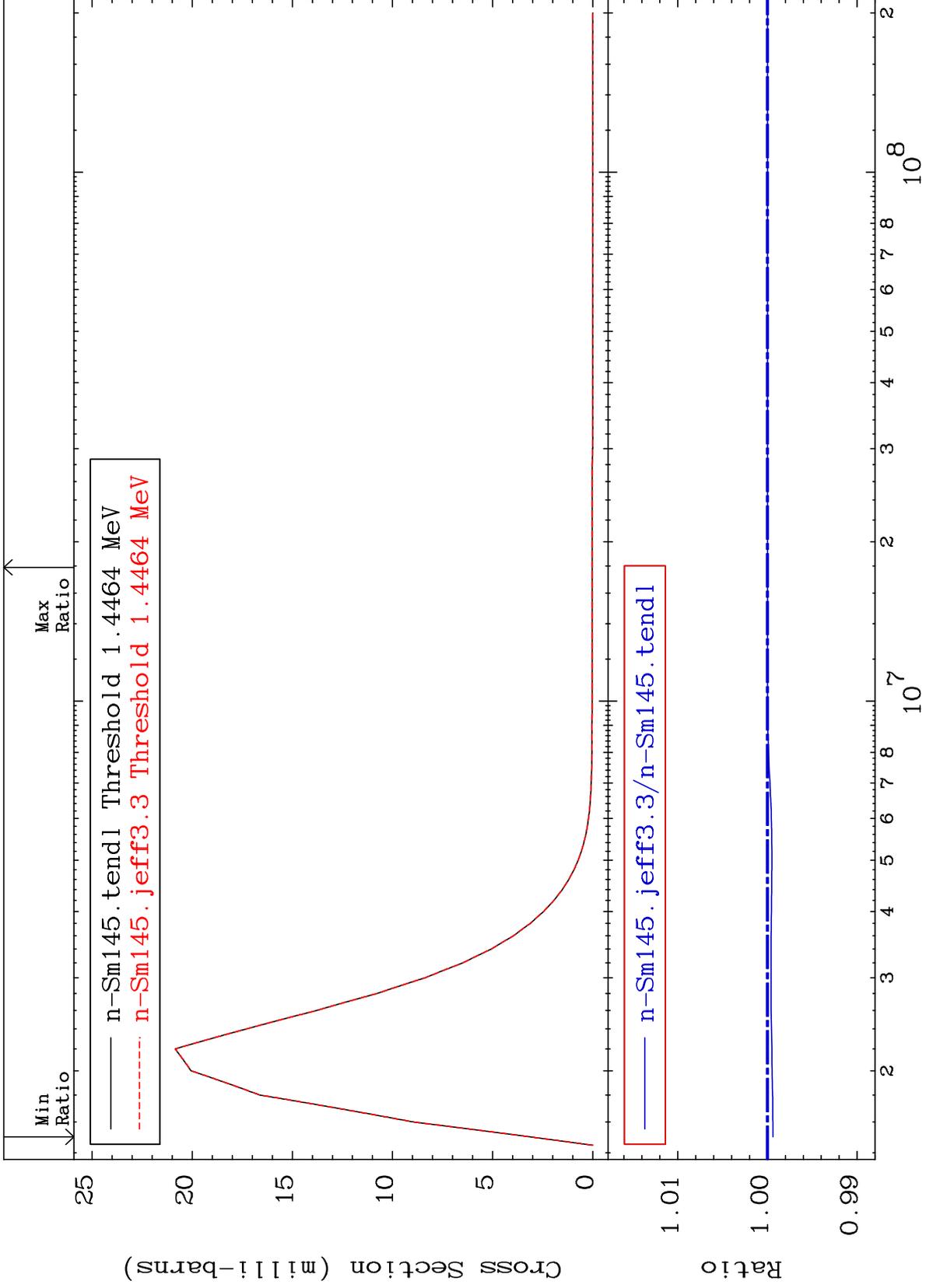
62-Sm-145
-0.046 To 0.000 %



MAT 6228

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

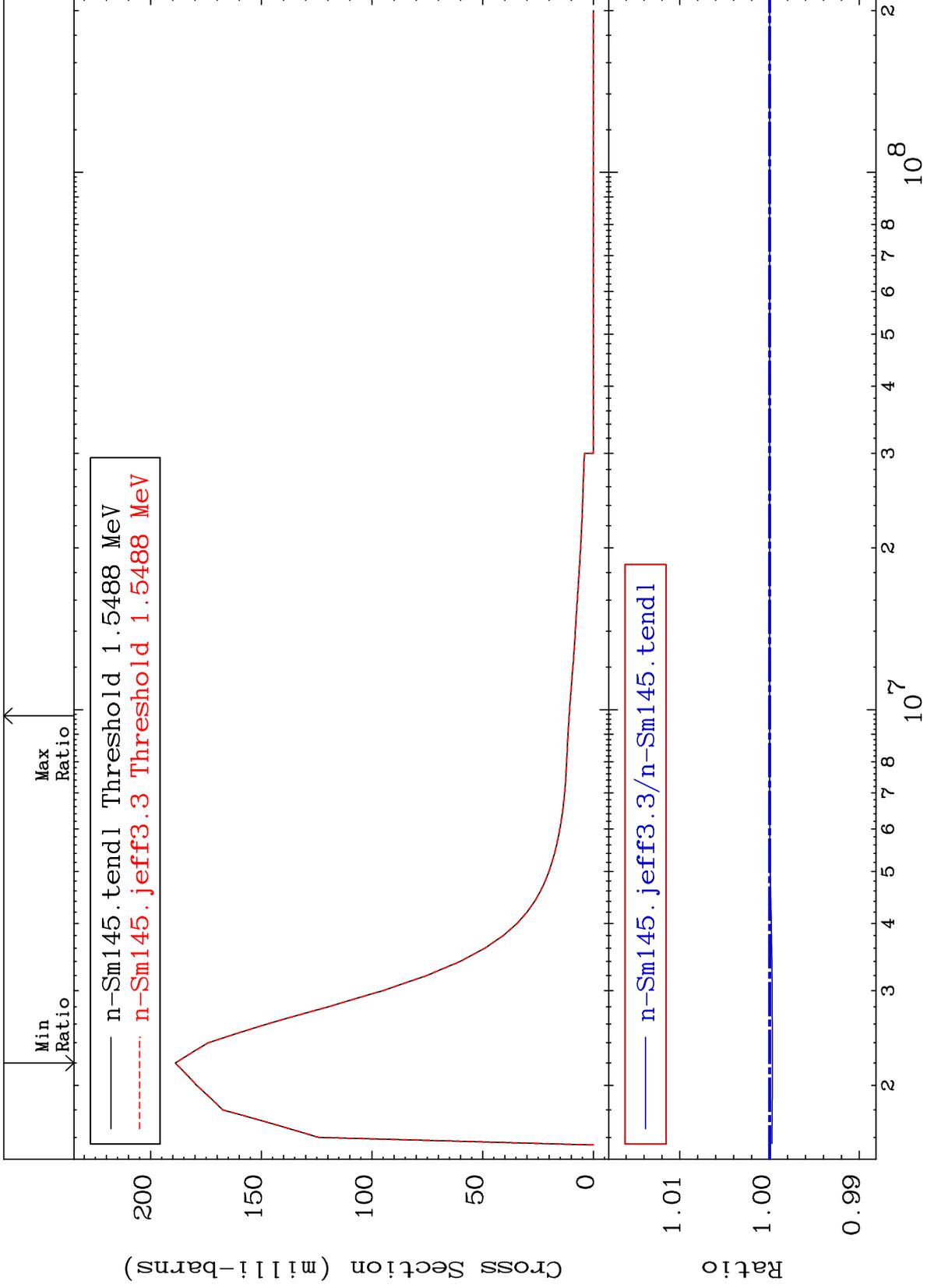
62-Sm-145
-0.061 To 0.000 %



MAT 6228

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

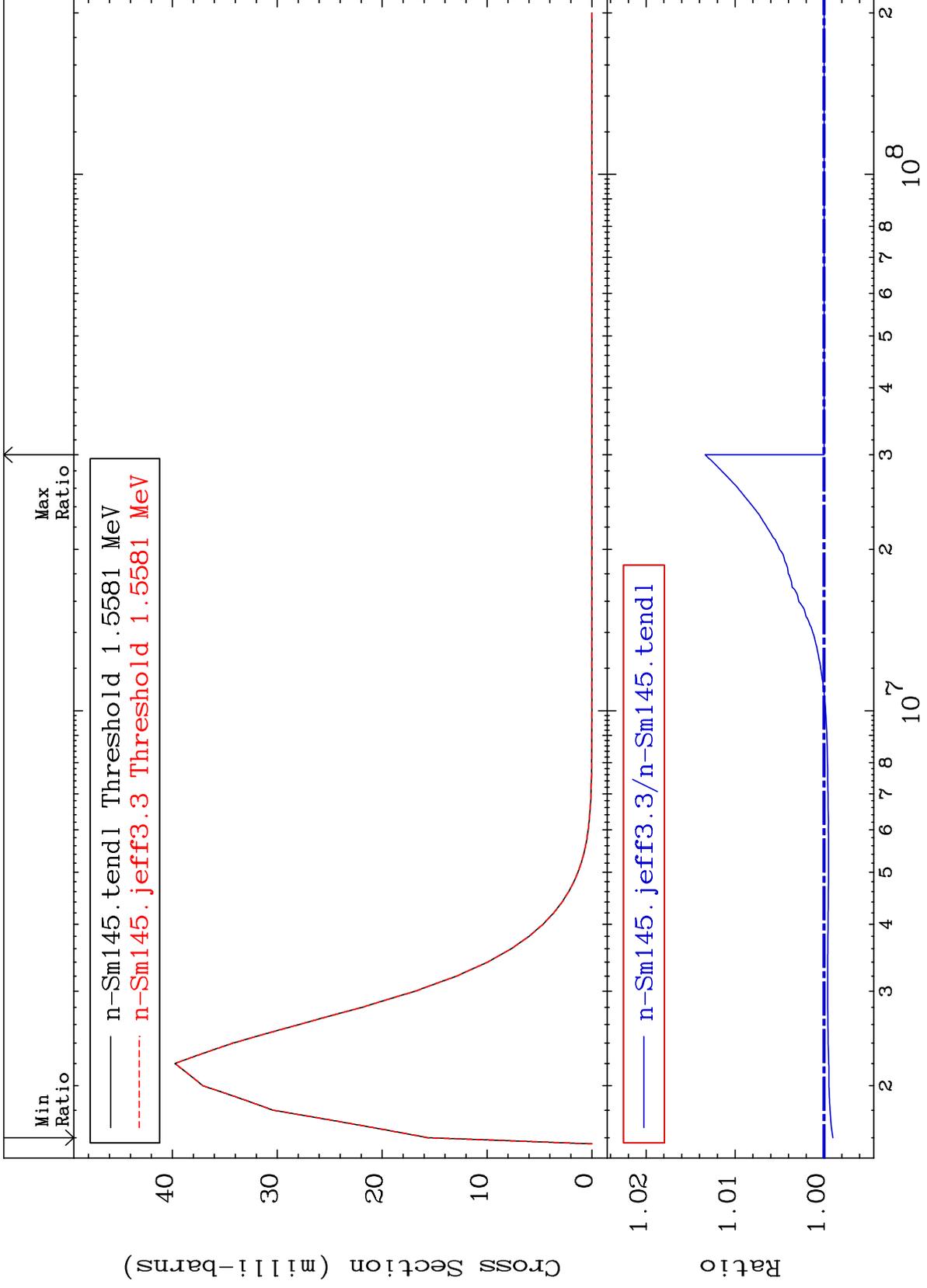
62-Sm-145
-0.031 To 0.000 %



MAT 6228

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

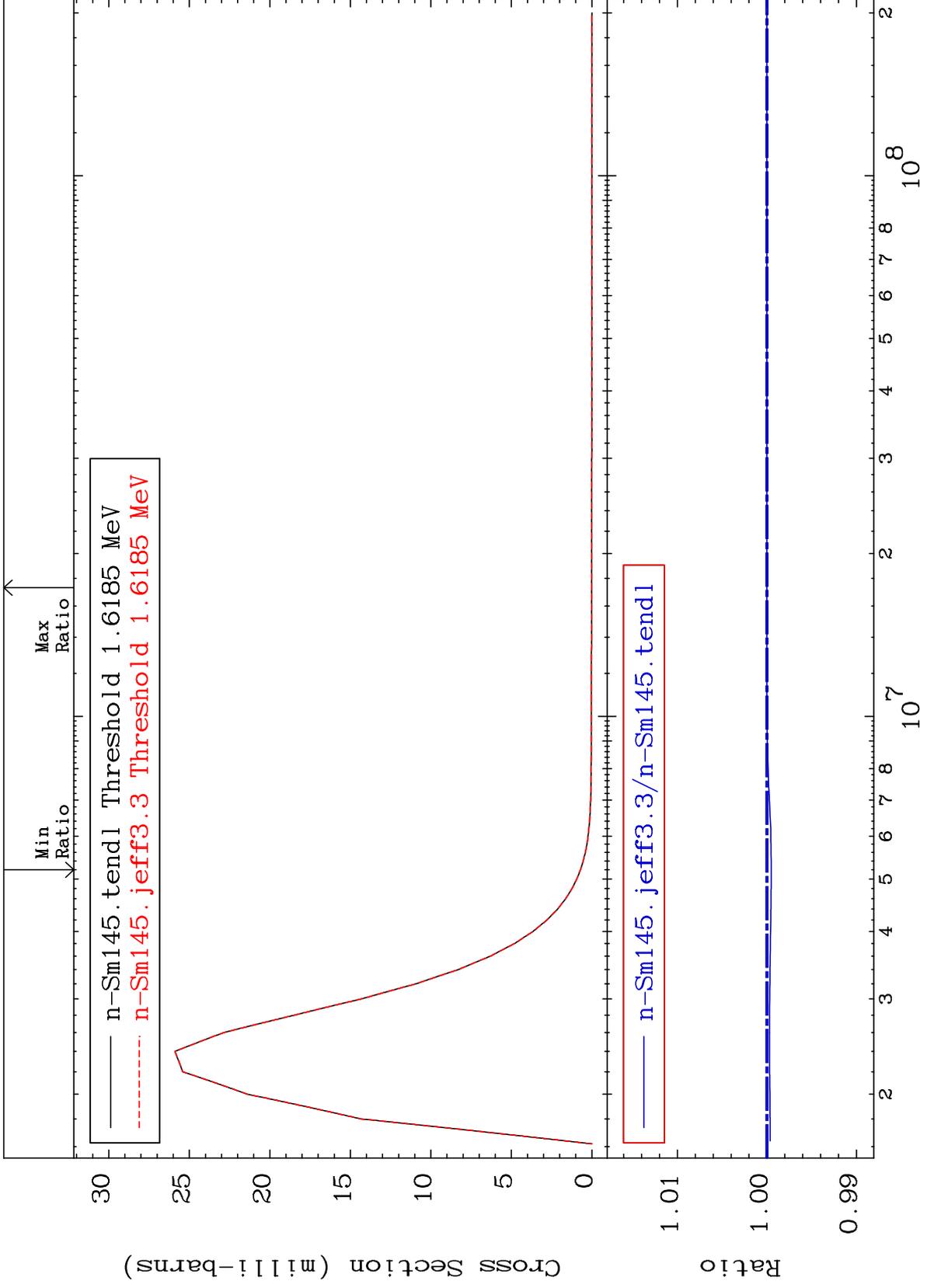
62-Sm-145
-0.100 To 1.338 %



MAT 6228

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

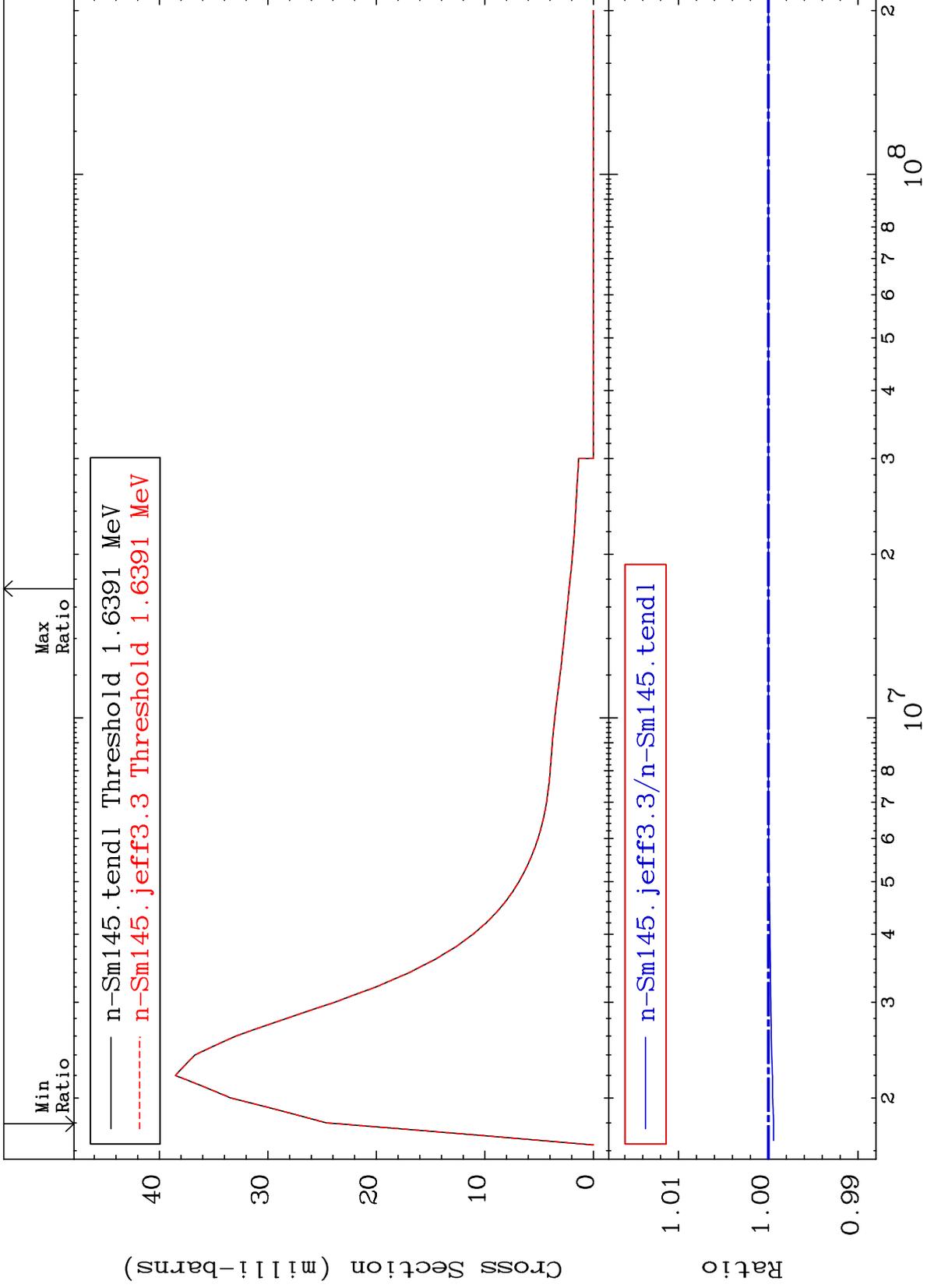
62-Sm-145
-0.048 To 0.000 %



MAT 6228

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

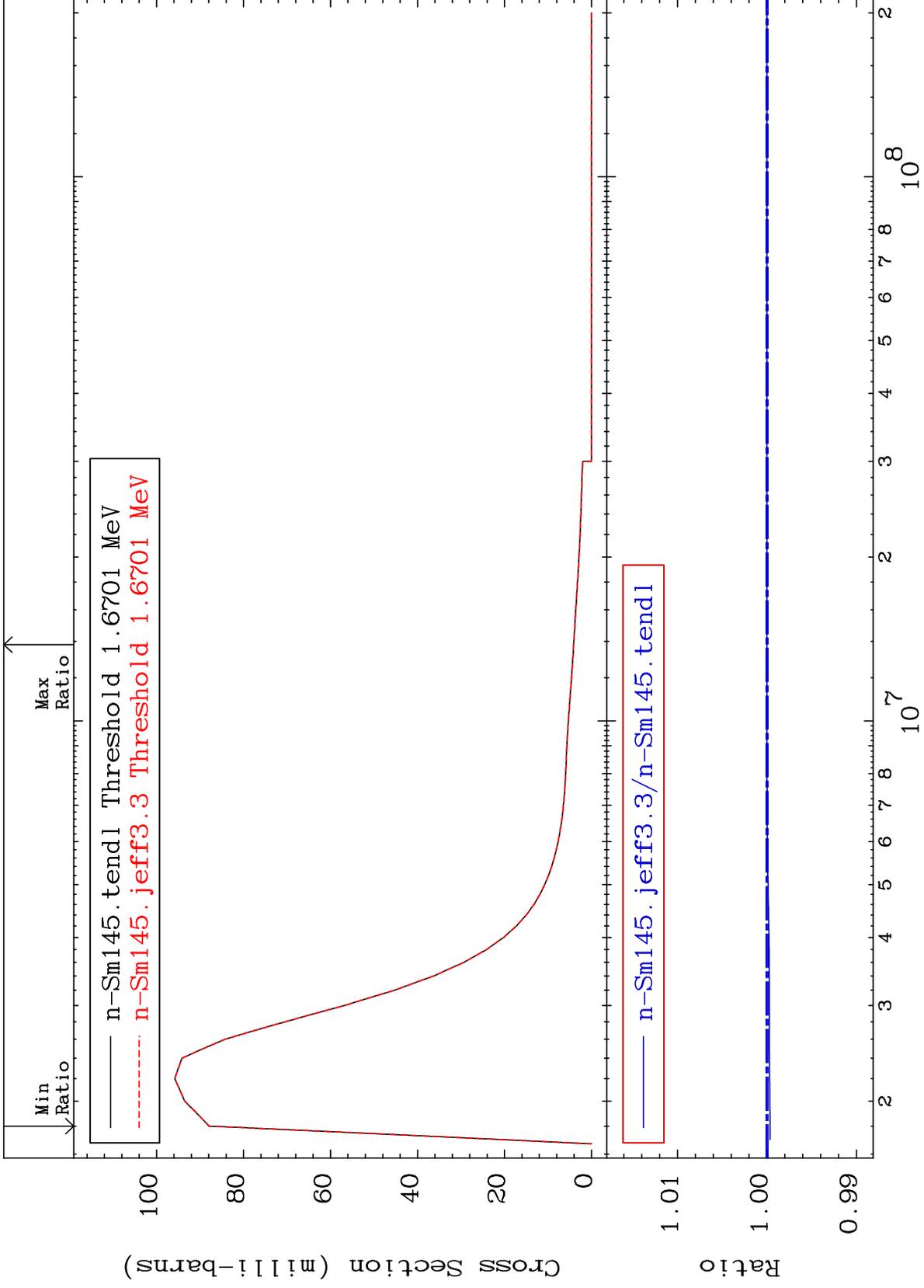
62-Sm-145
-0.059 To 0.000 %



MAT 6228

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

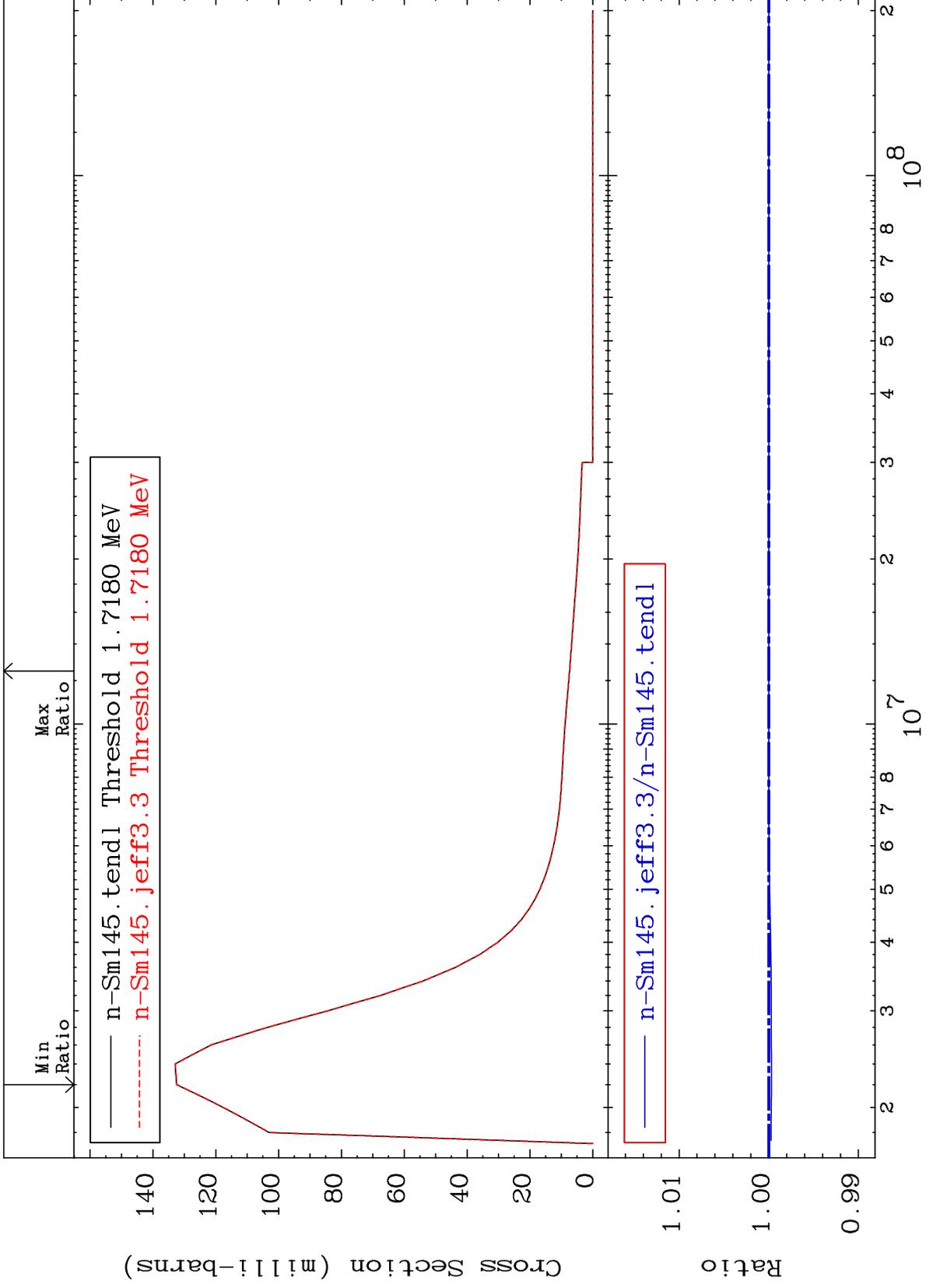
62-Sm-145
-0.034 To 0.000 %



MAT 6228

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

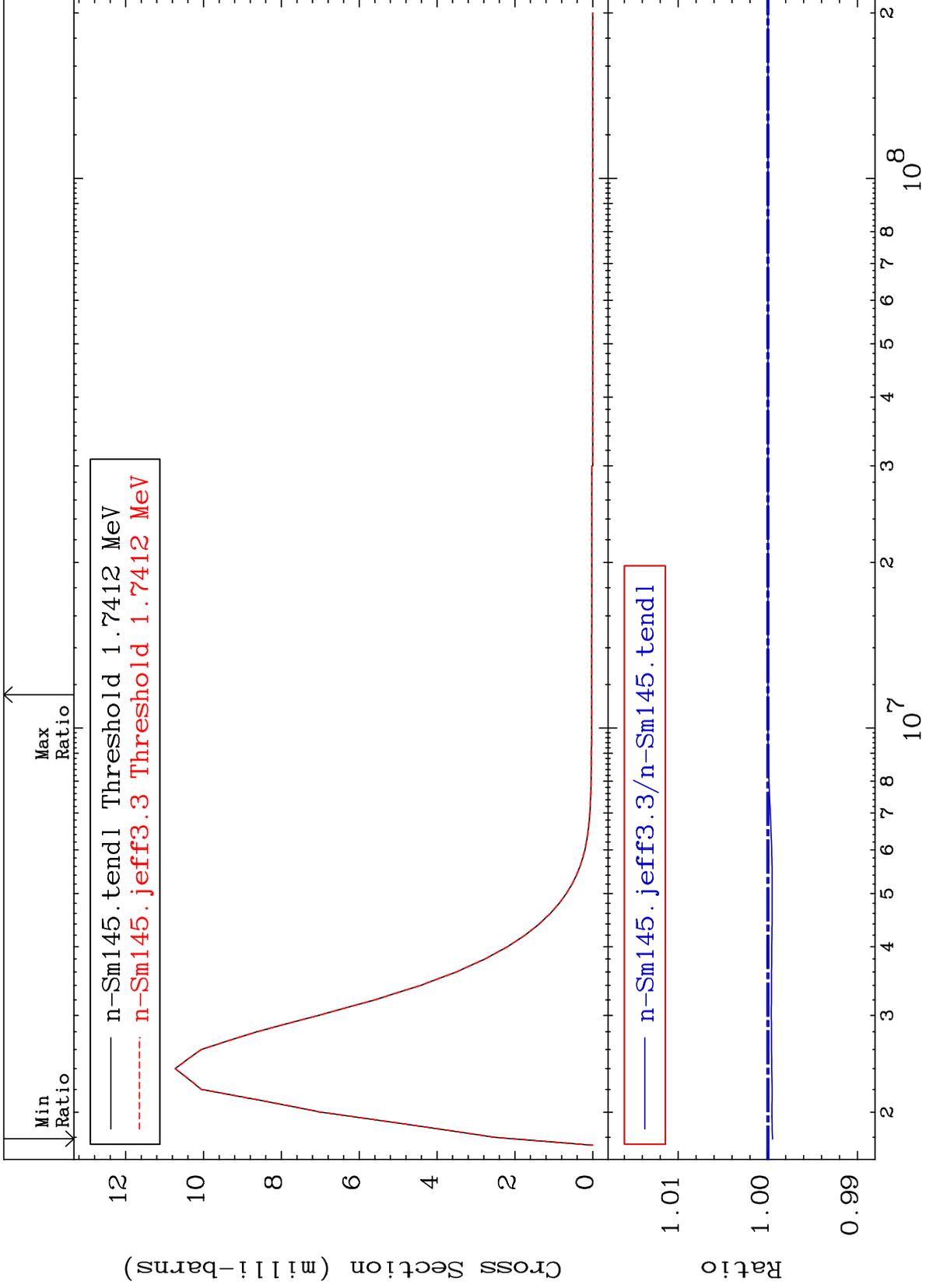
62-Sm-145
-0.031 To 0.000 %



MAT 6228

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

62-Sm-145
-0.052 To 0.000 %



30

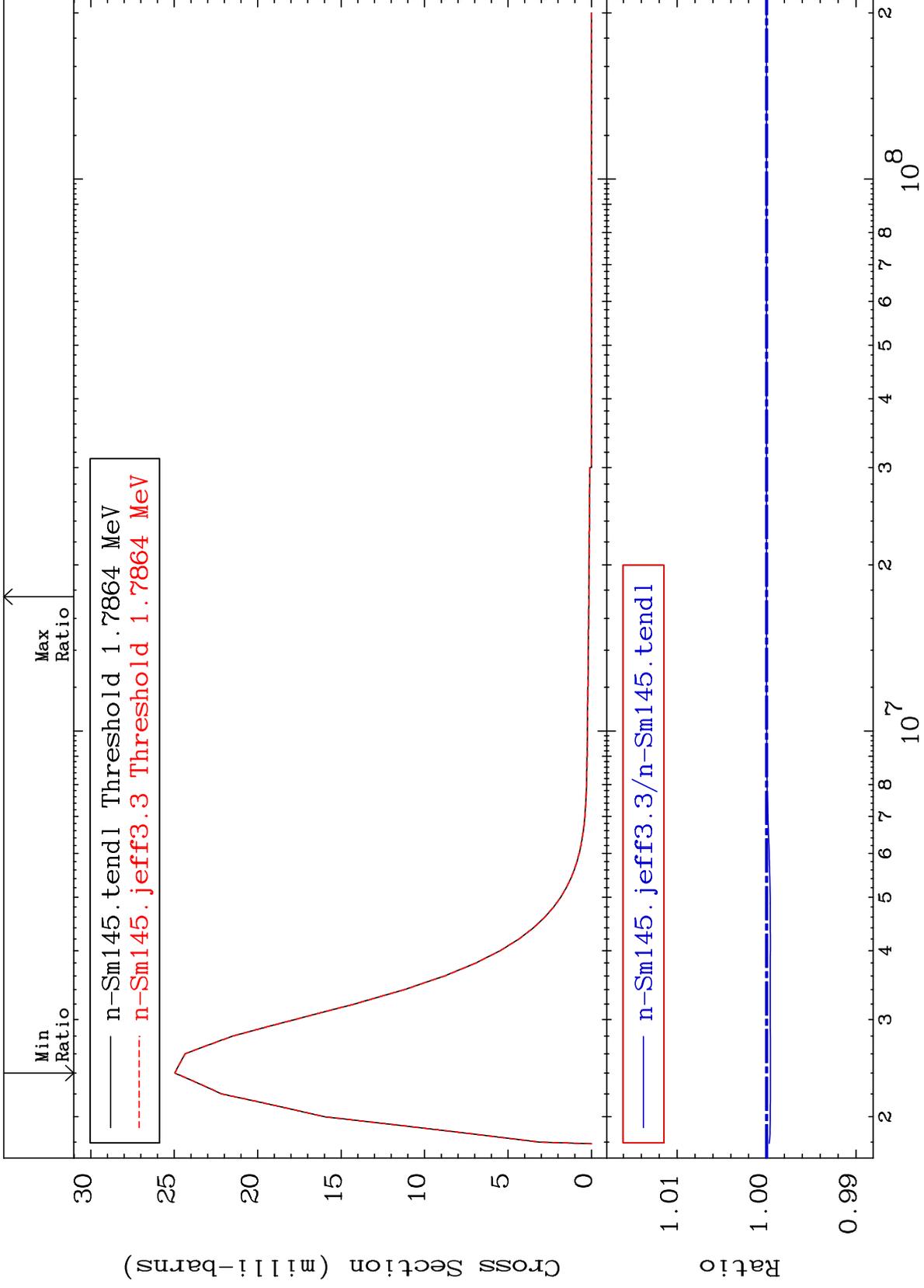
Incident Energy (eV)

62-Sm-145

MAT 6228

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

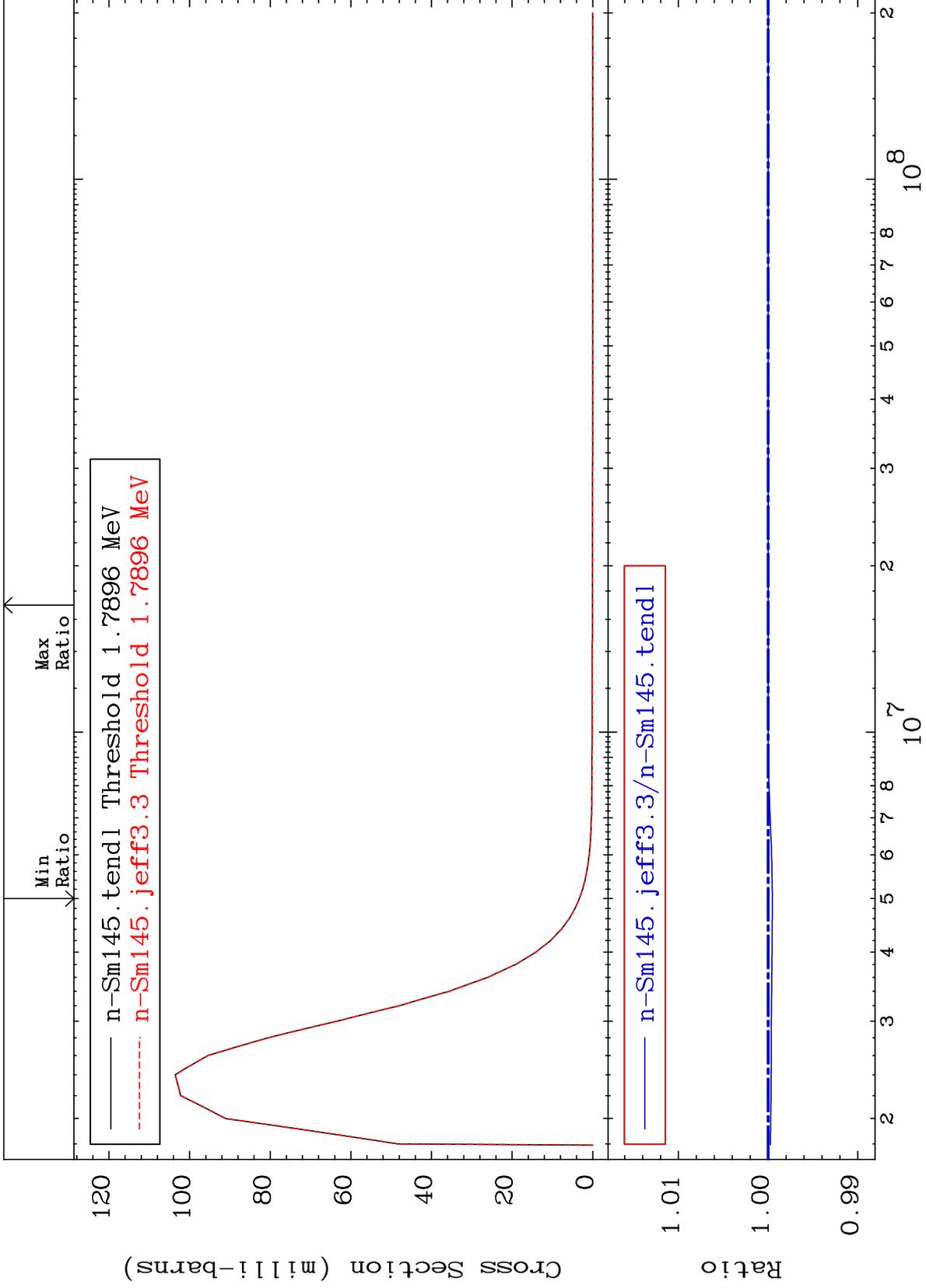
62-Sm-145
-0.043 To 0.000 %



MAT 6228

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

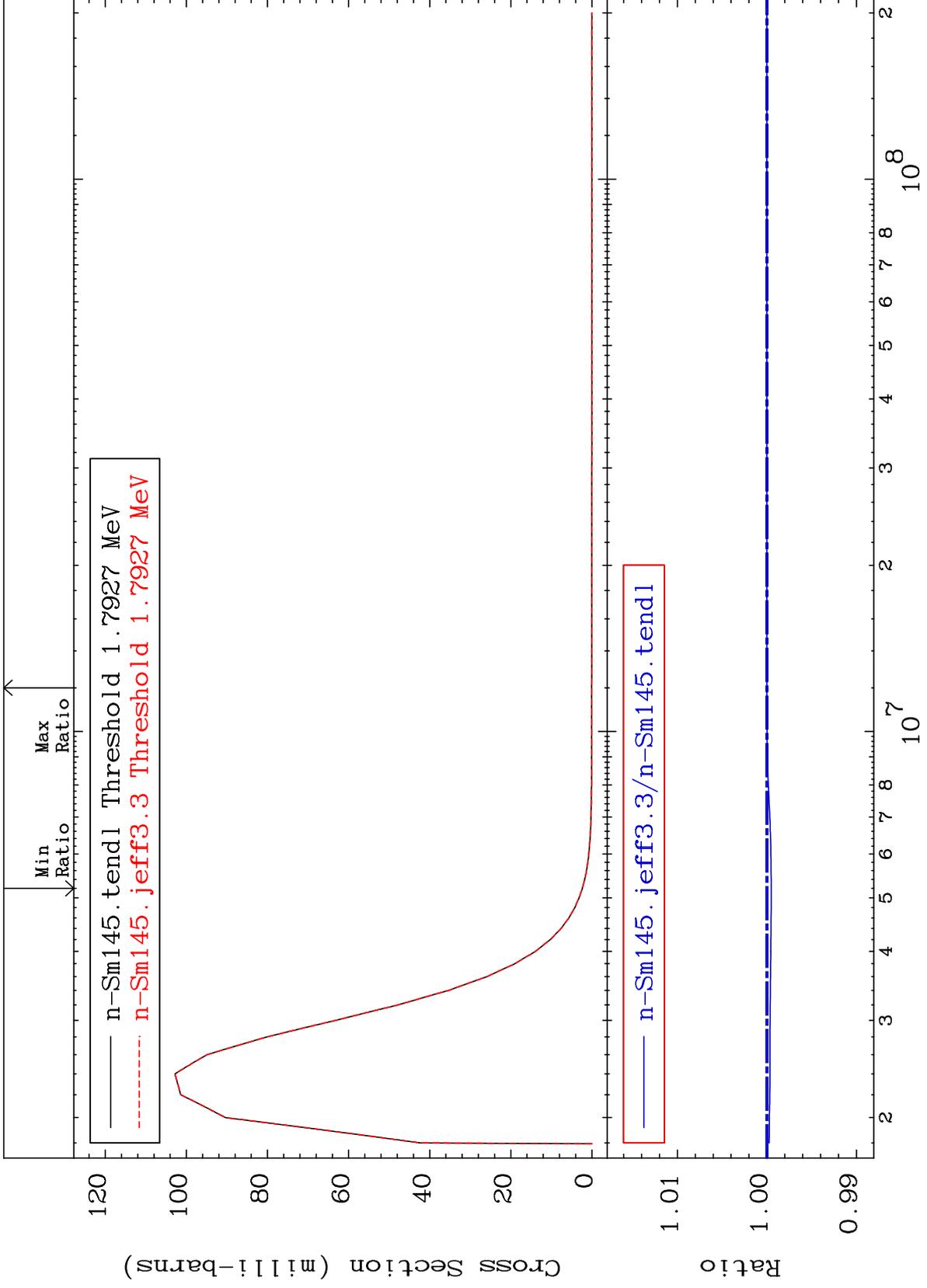
62-Sm-145
-0.046 To 0.001 %



MAT 6228

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

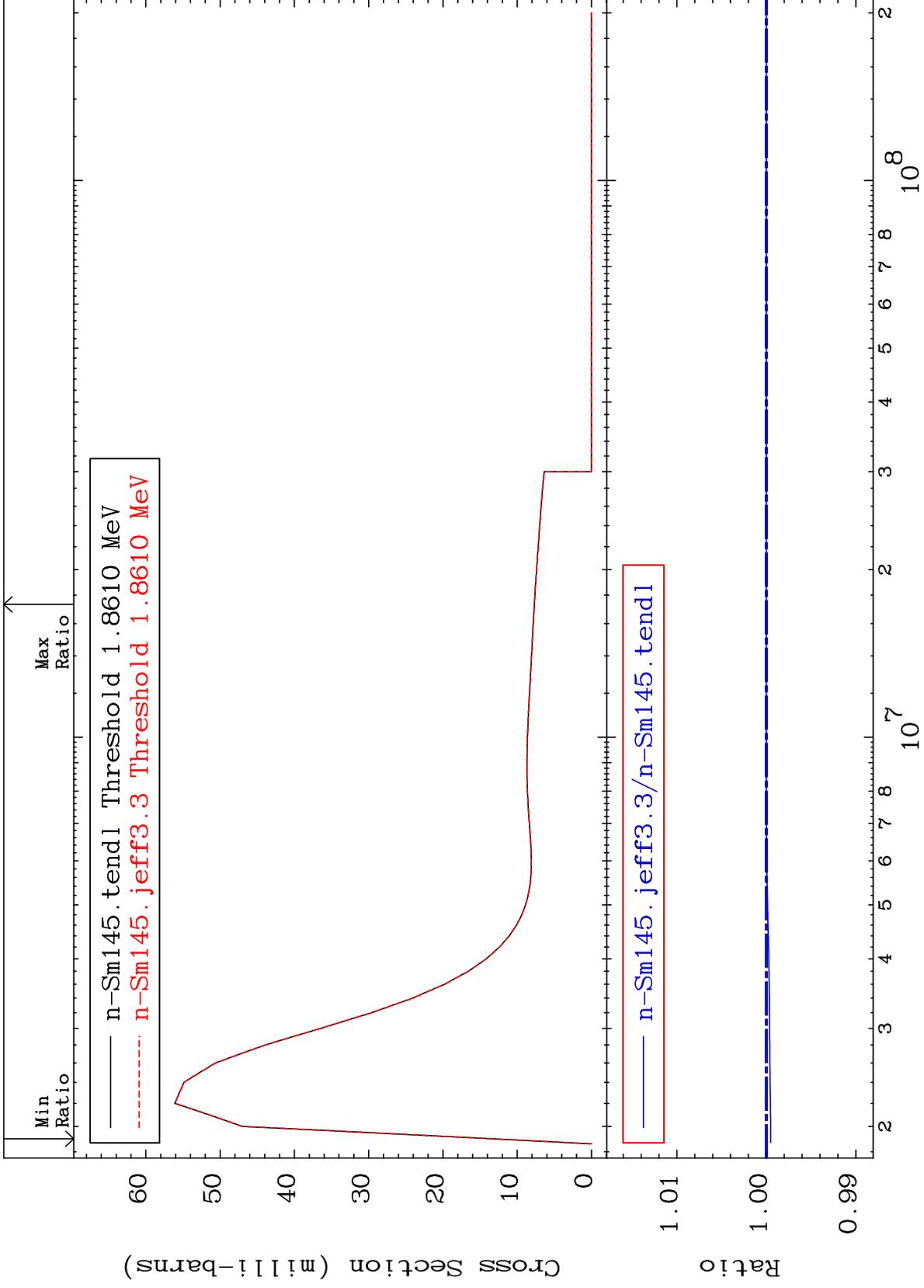
62-Sm-145
-0.049 To 0.000 %



MAT 6228

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

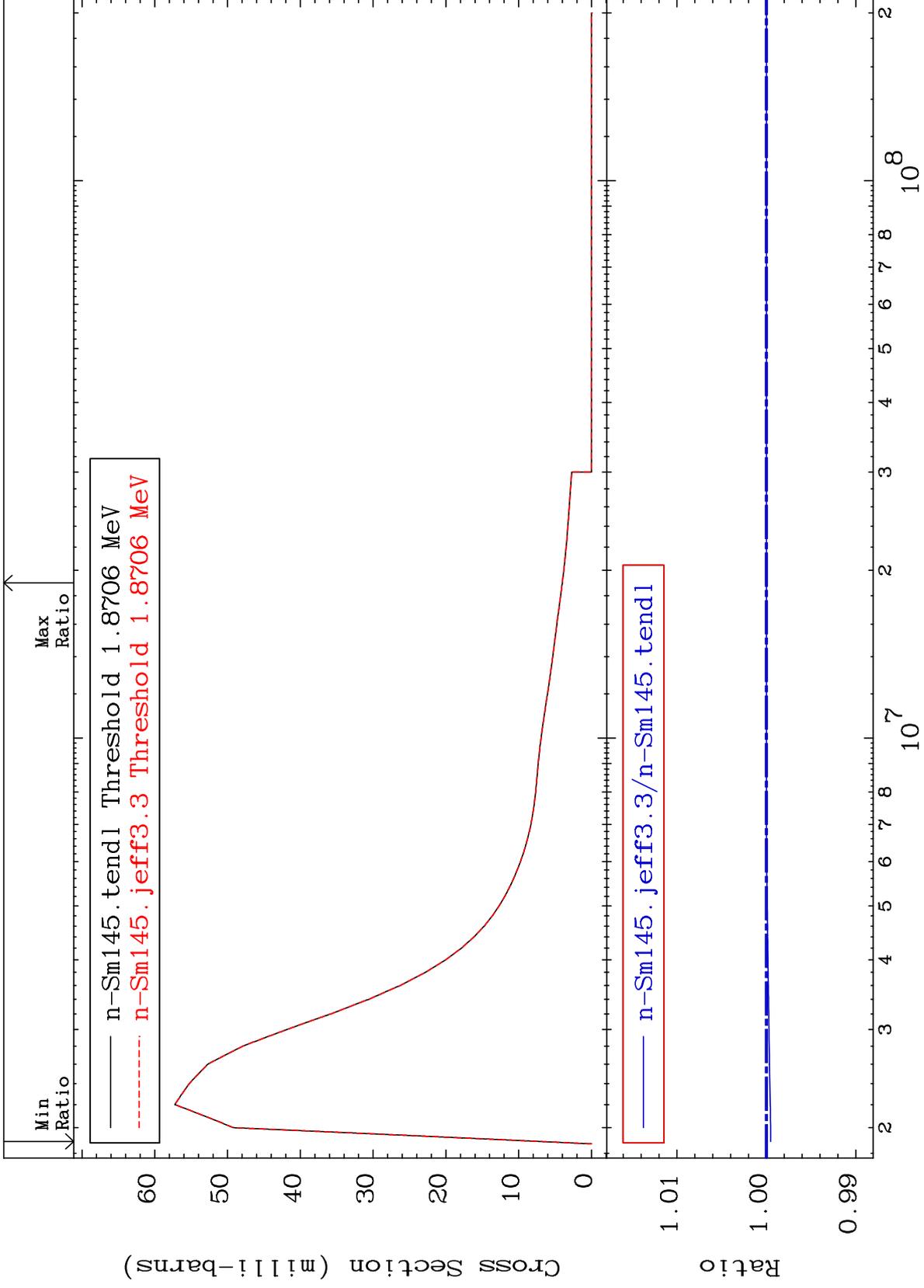
62-Sm-145
-0.048 To 0.000 %



MAT 6228

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

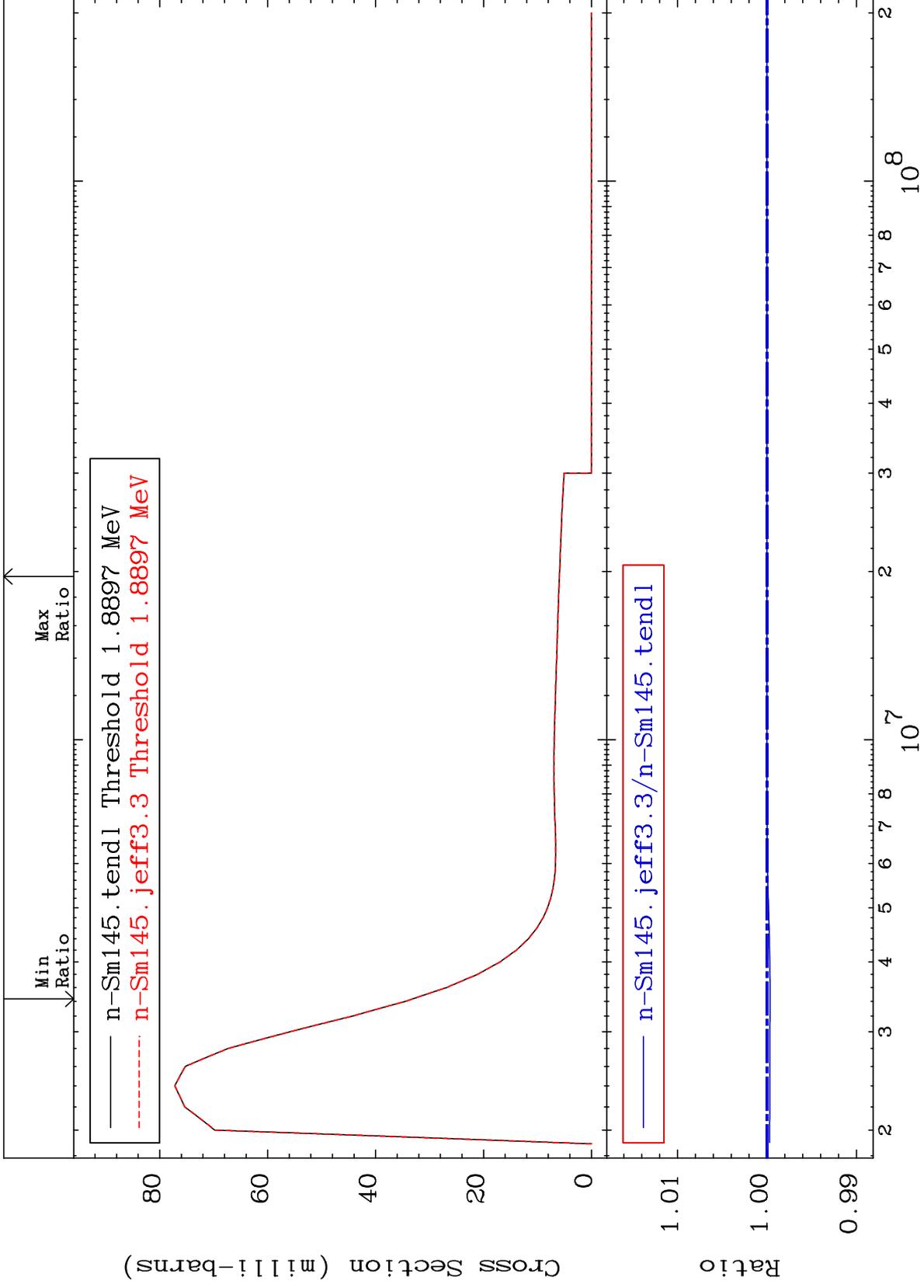
62-Sm-145
-0.047 To 0.000 %



MAT 6228

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

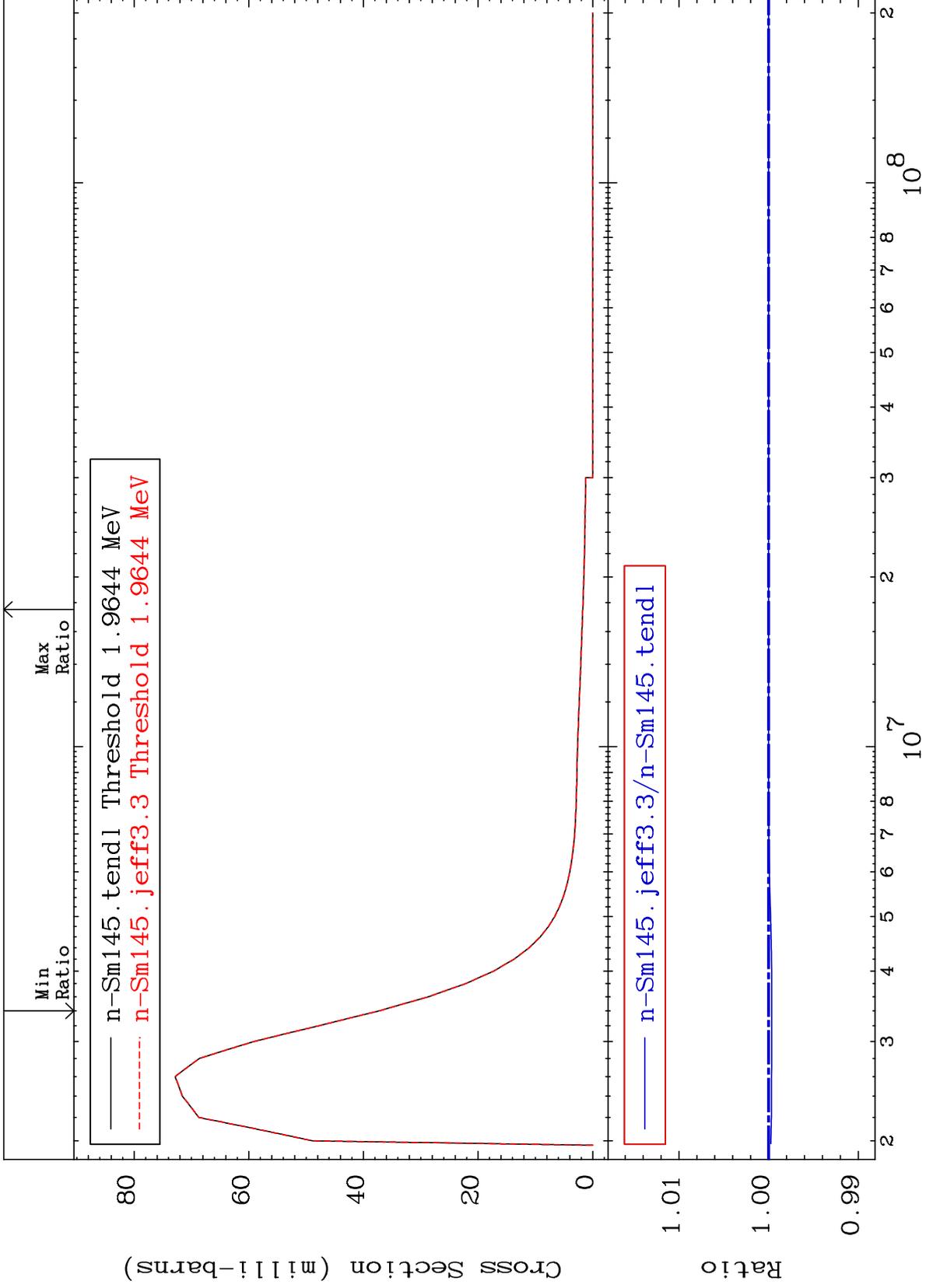
62-Sm-145
-0.034 To 0.000 %



MAT 6228

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

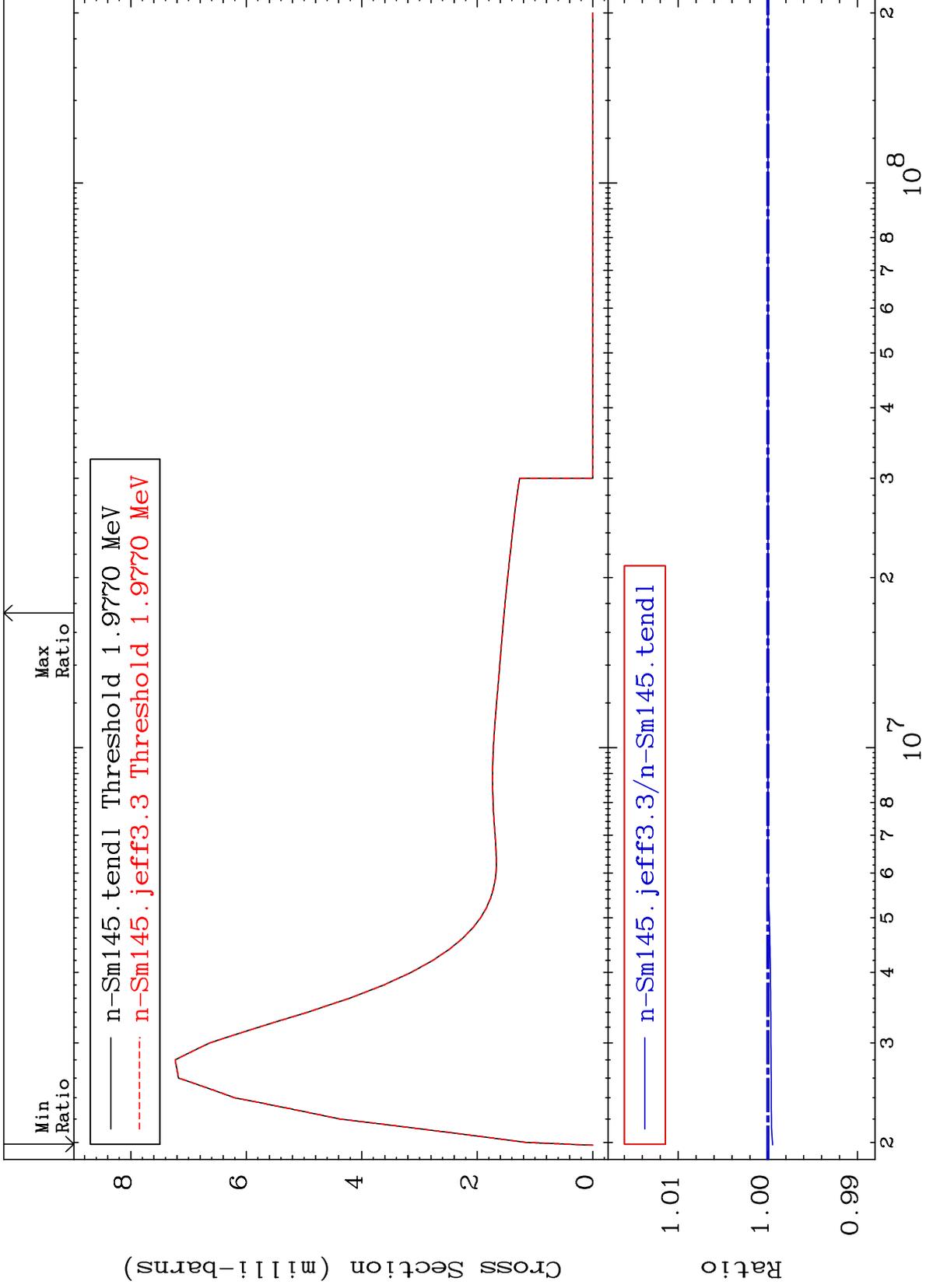
62-Sm-145
-0.035 To 0.000 %



MAT 6228

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

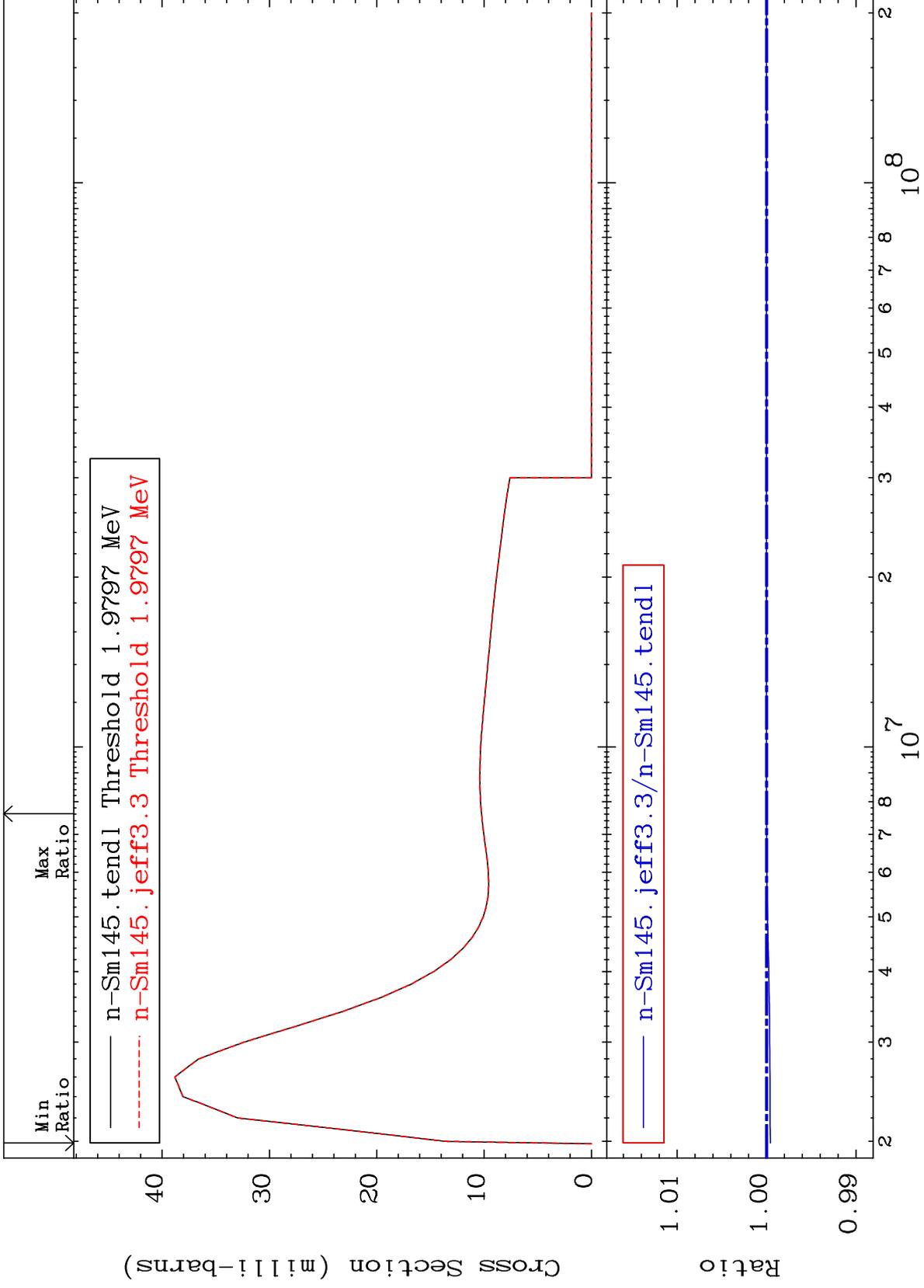
62-Sm-145
-0.051 To 0.000 %



MAT 6228

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

62-Sm-145
-0.043 To 0.000 %



40

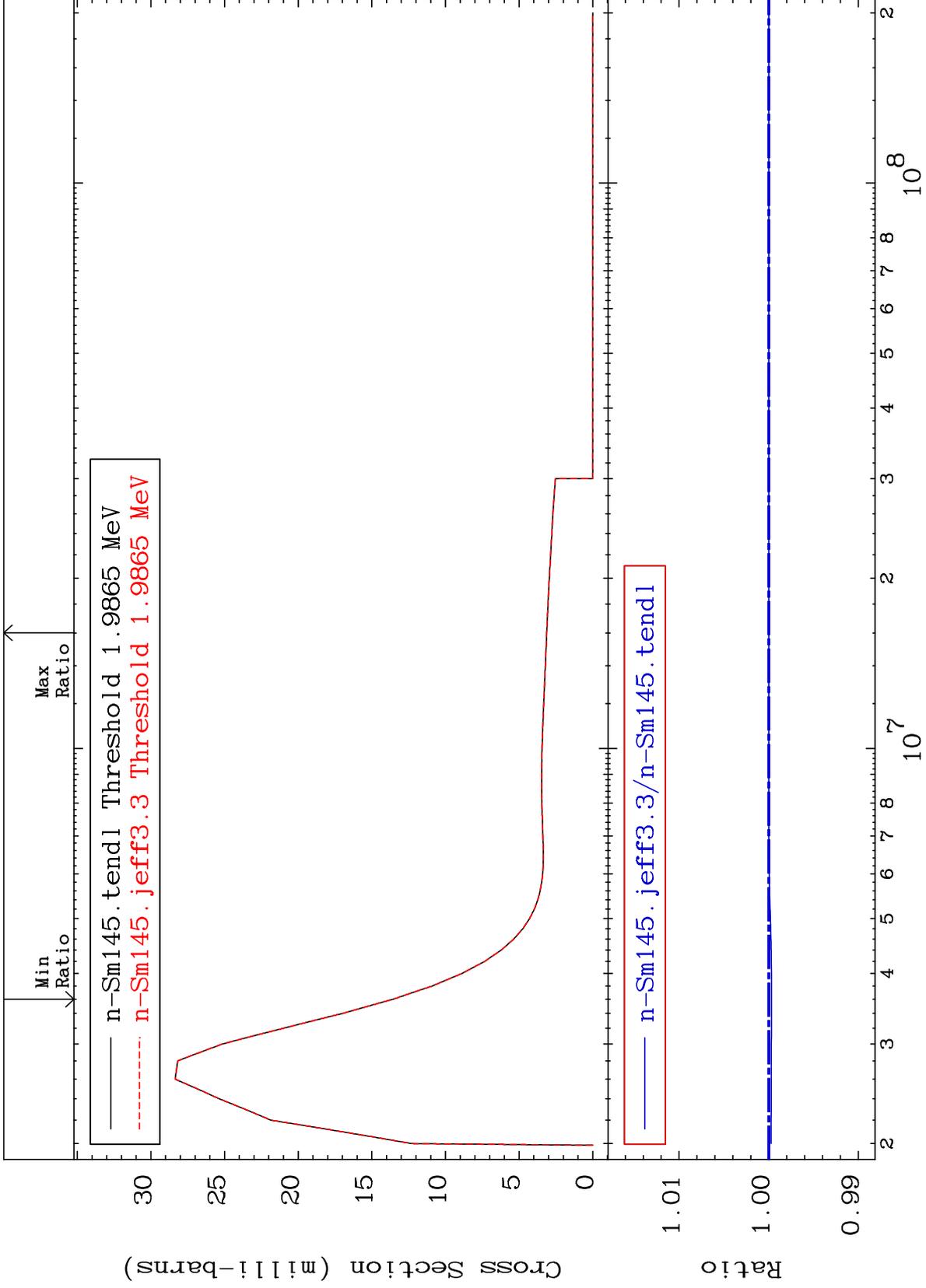
Incident Energy (eV)

62-Sm-145

MAT 6228

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

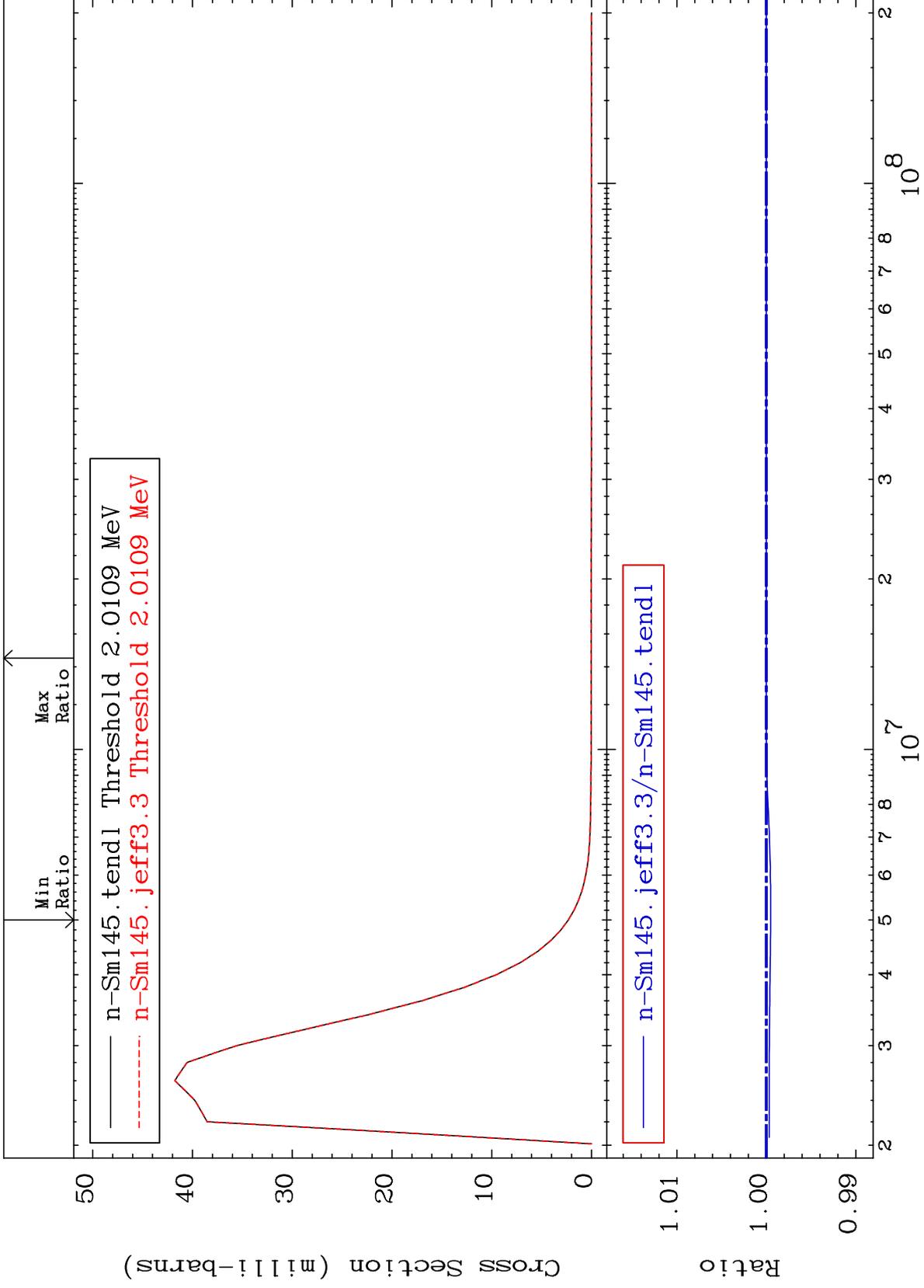
62-Sm-145
-0.032 To 0.000 %



MAT 6228

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

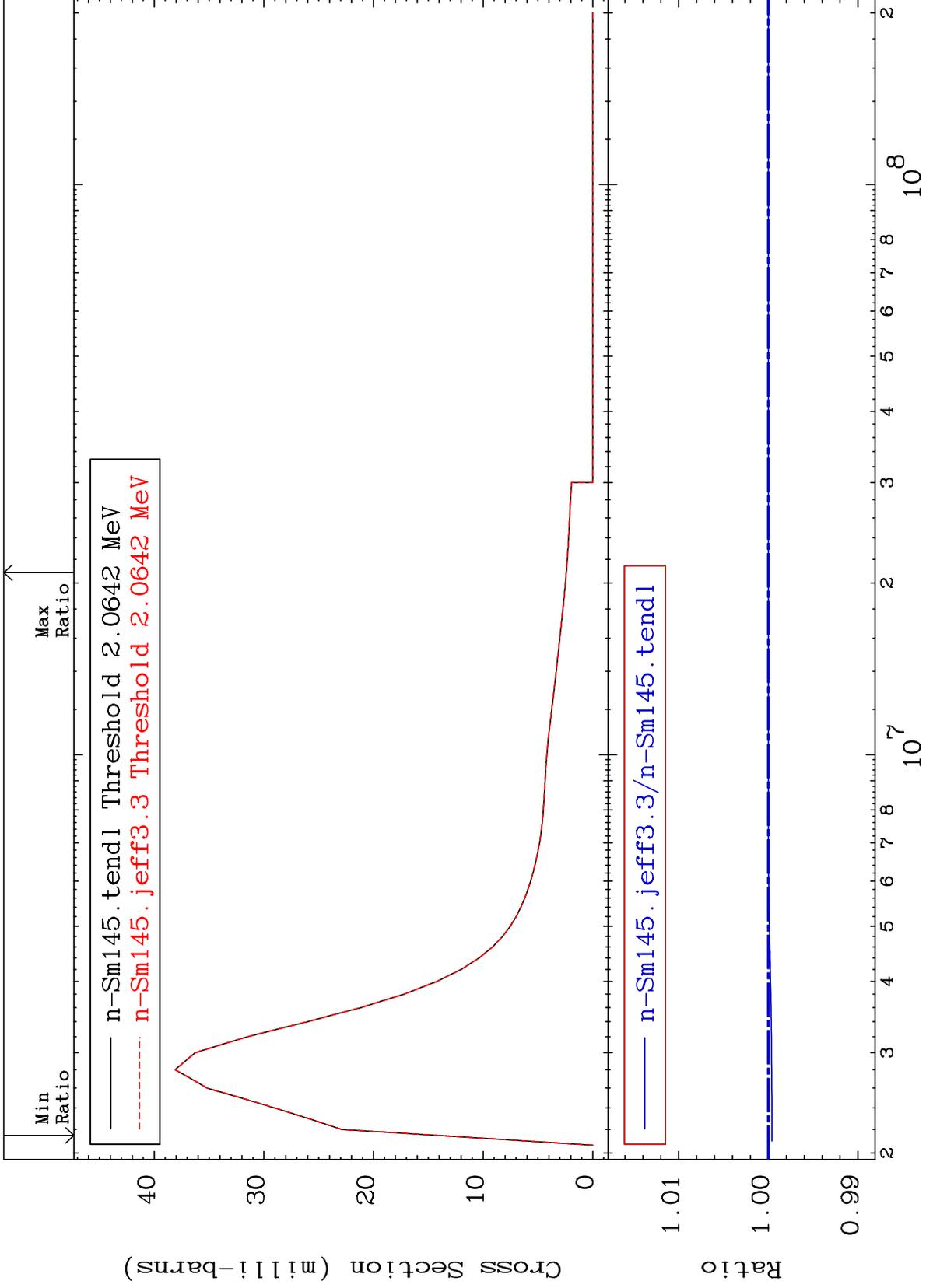
62-Sm-145
-0.049 To 0.000 %



MAT 6228

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

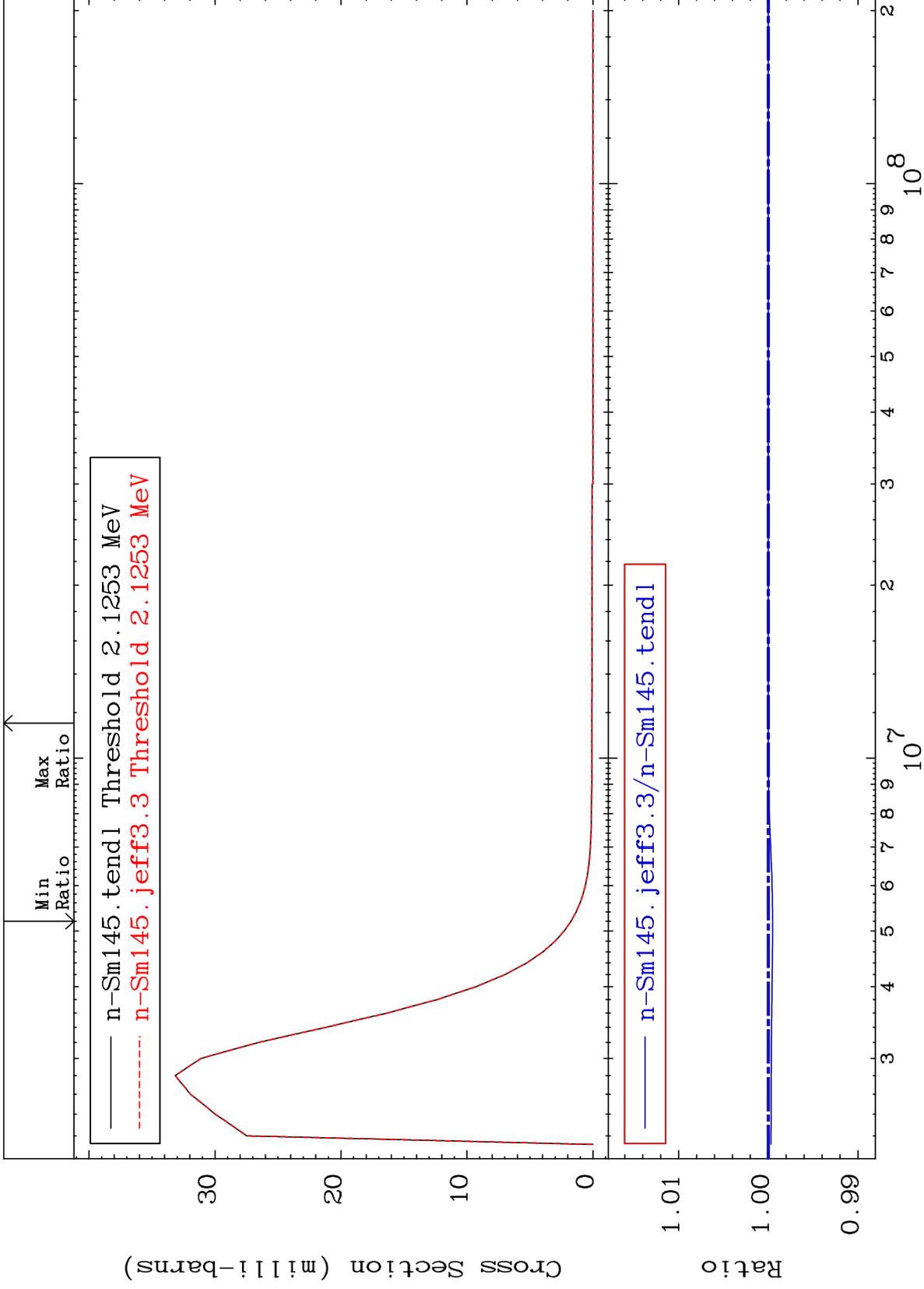
62-Sm-145
-0.041 To 0.000 %



MAT 6228

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

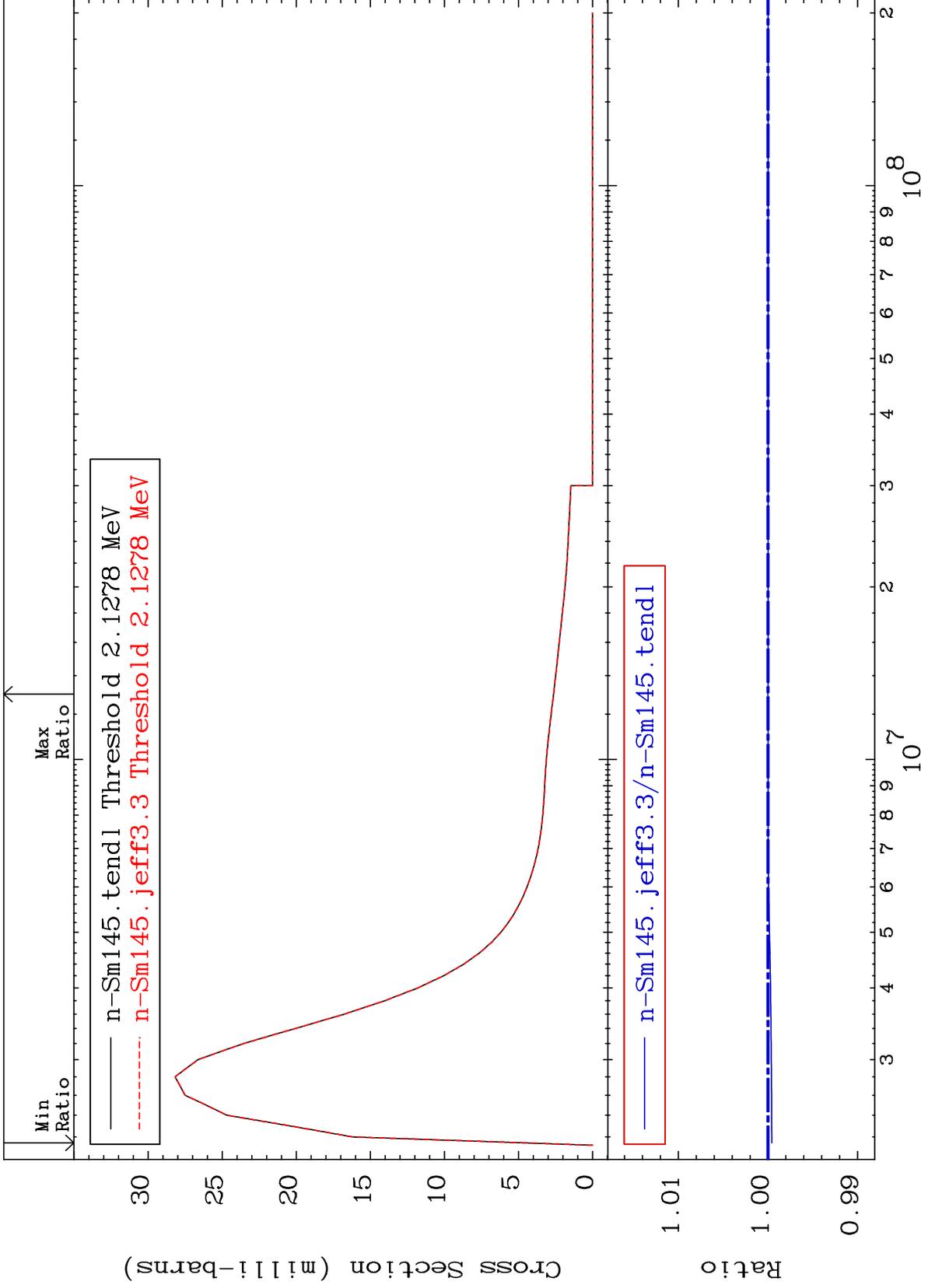
62-Sm-145
-0.048 To 0.000 %



MAT 6228

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

62-Sm-145
-0.043 To 0.000 %



45

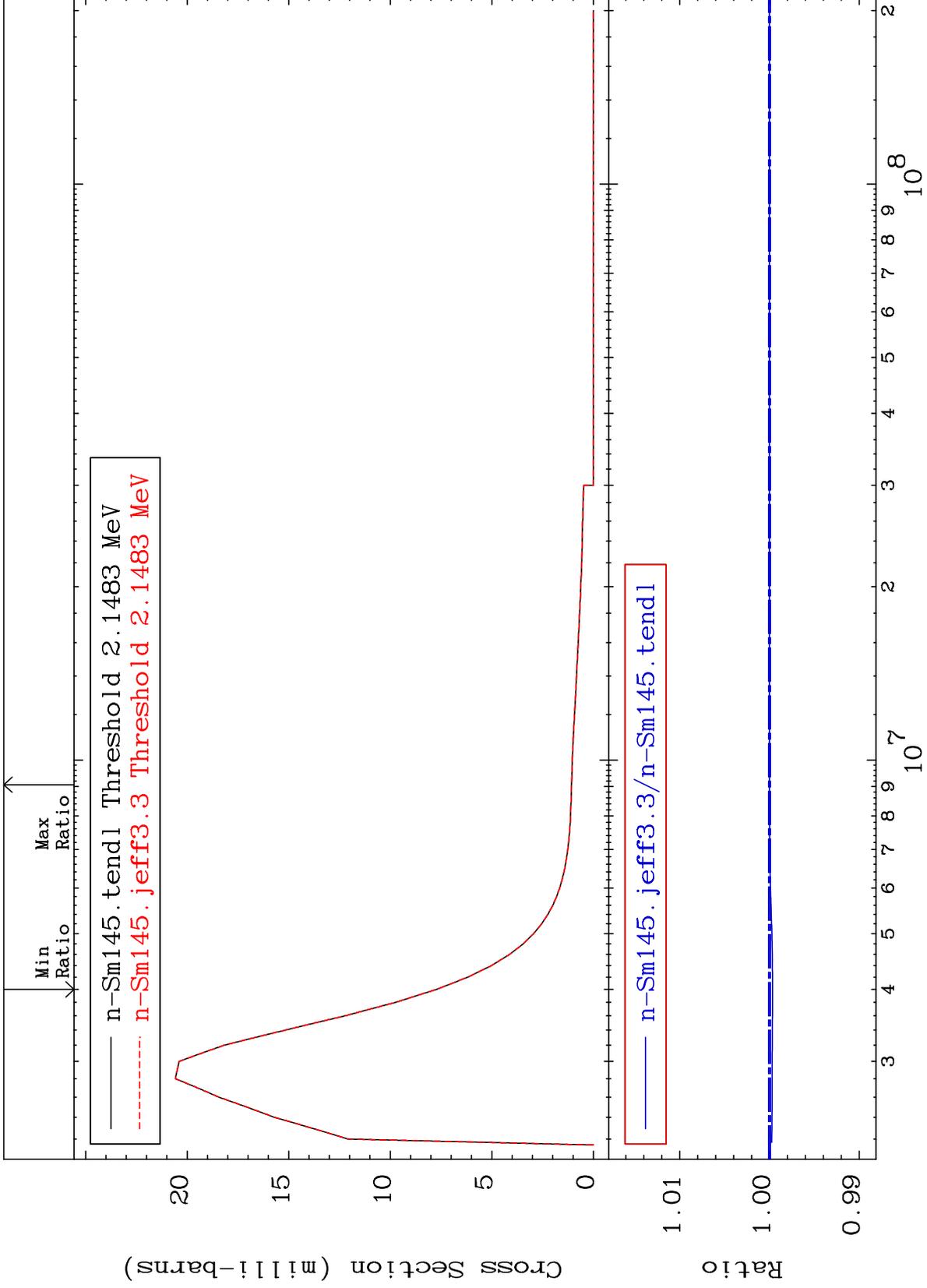
Incident Energy (eV)

62-Sm-145

MAT 6228

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

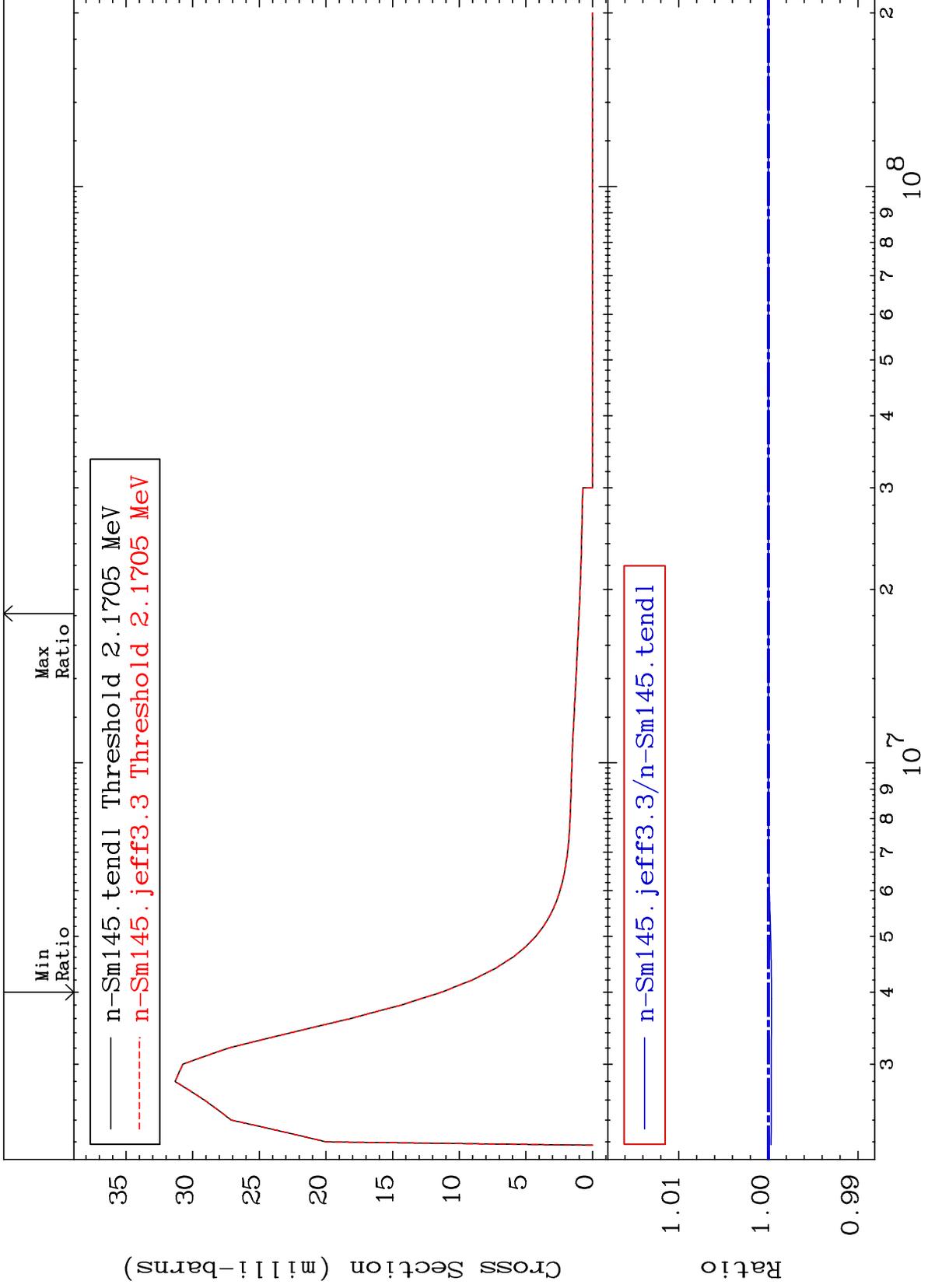
62-Sm-145
-0.033 To 0.000 %



MAT 6228

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

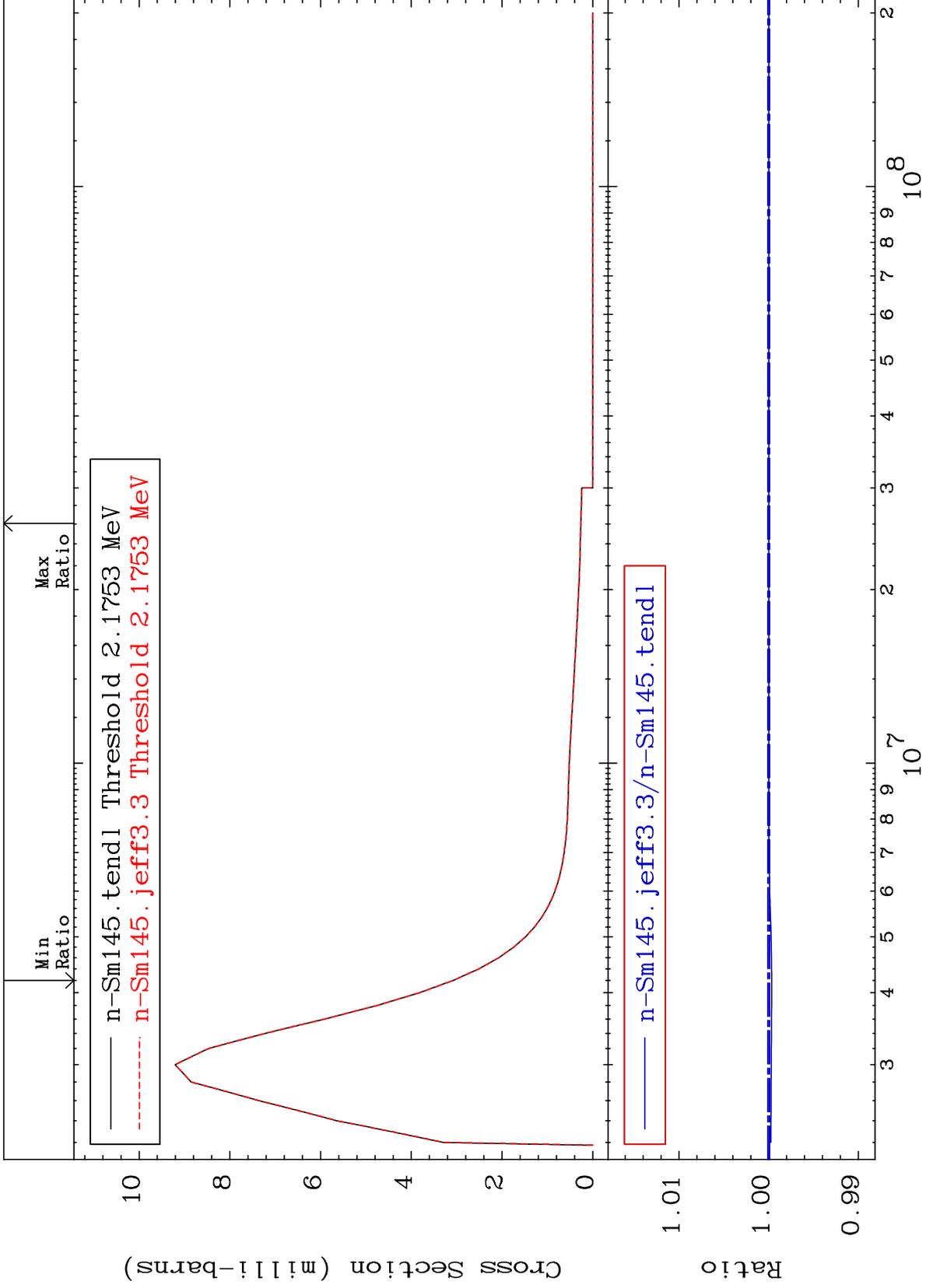
62-Sm-145
-0.034 To 0.000 %



MAT 6228

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

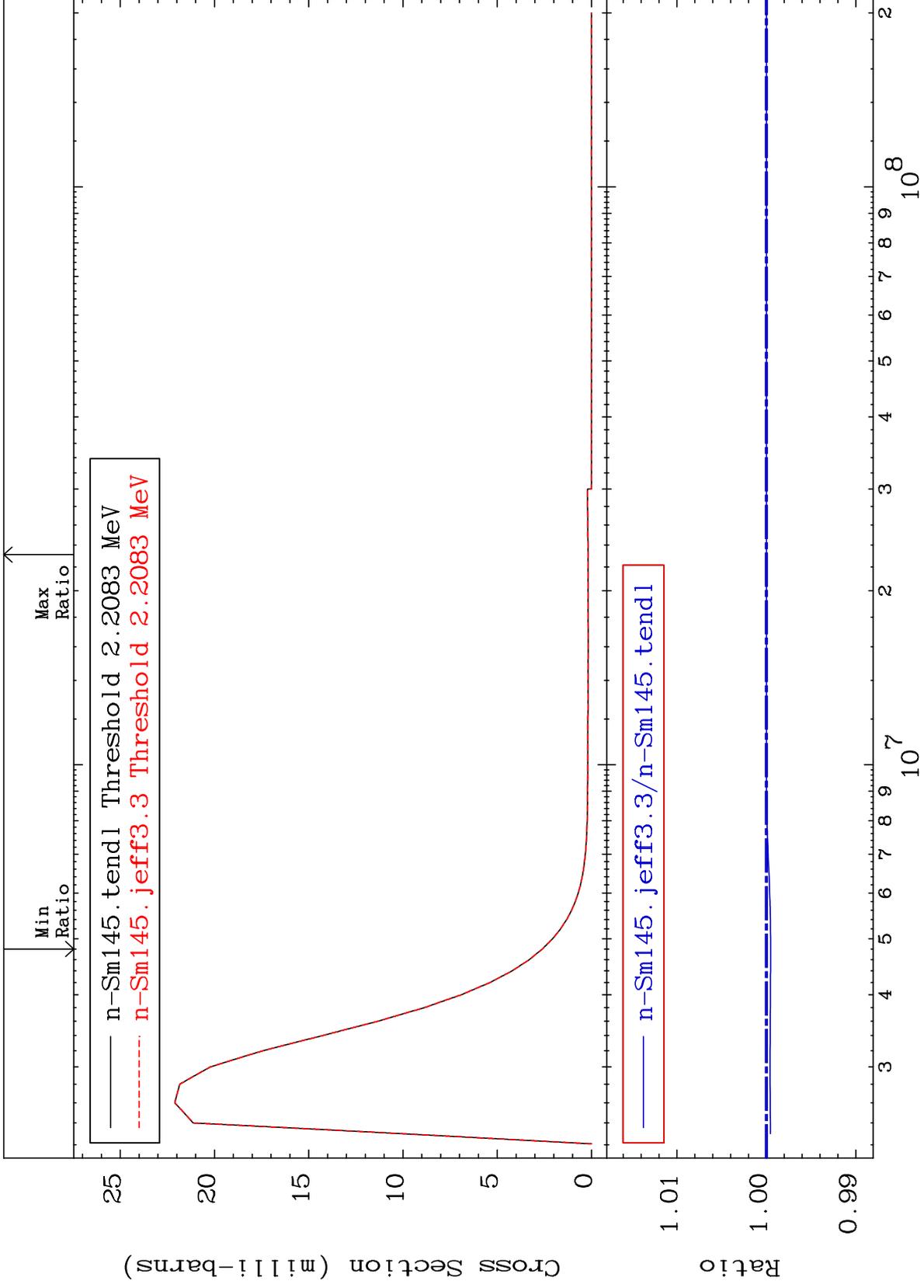
62-Sm-145
-0.033 To 0.000 %



MAT 6228

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

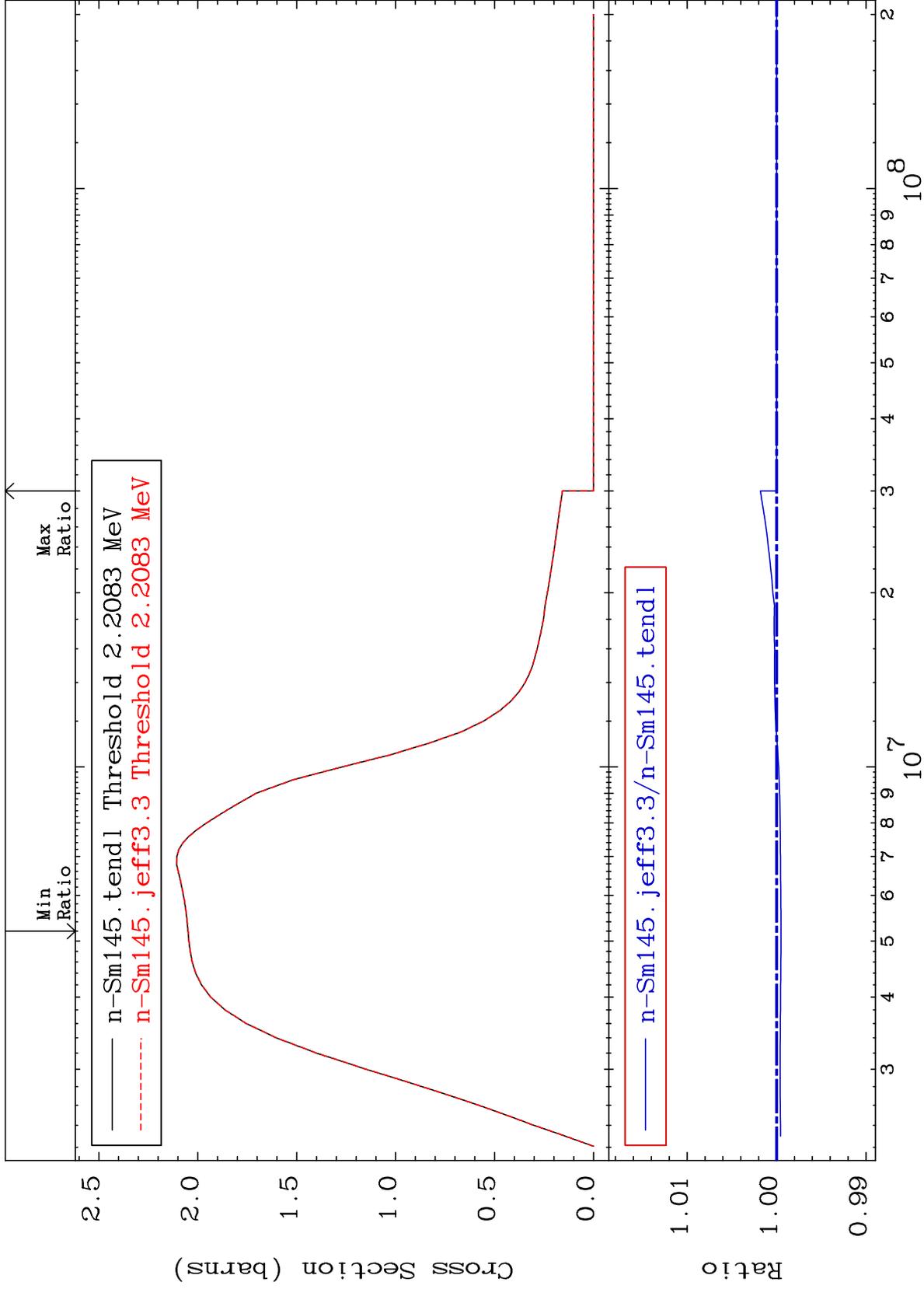
62-Sm-145
-0.047 To 0.000 %

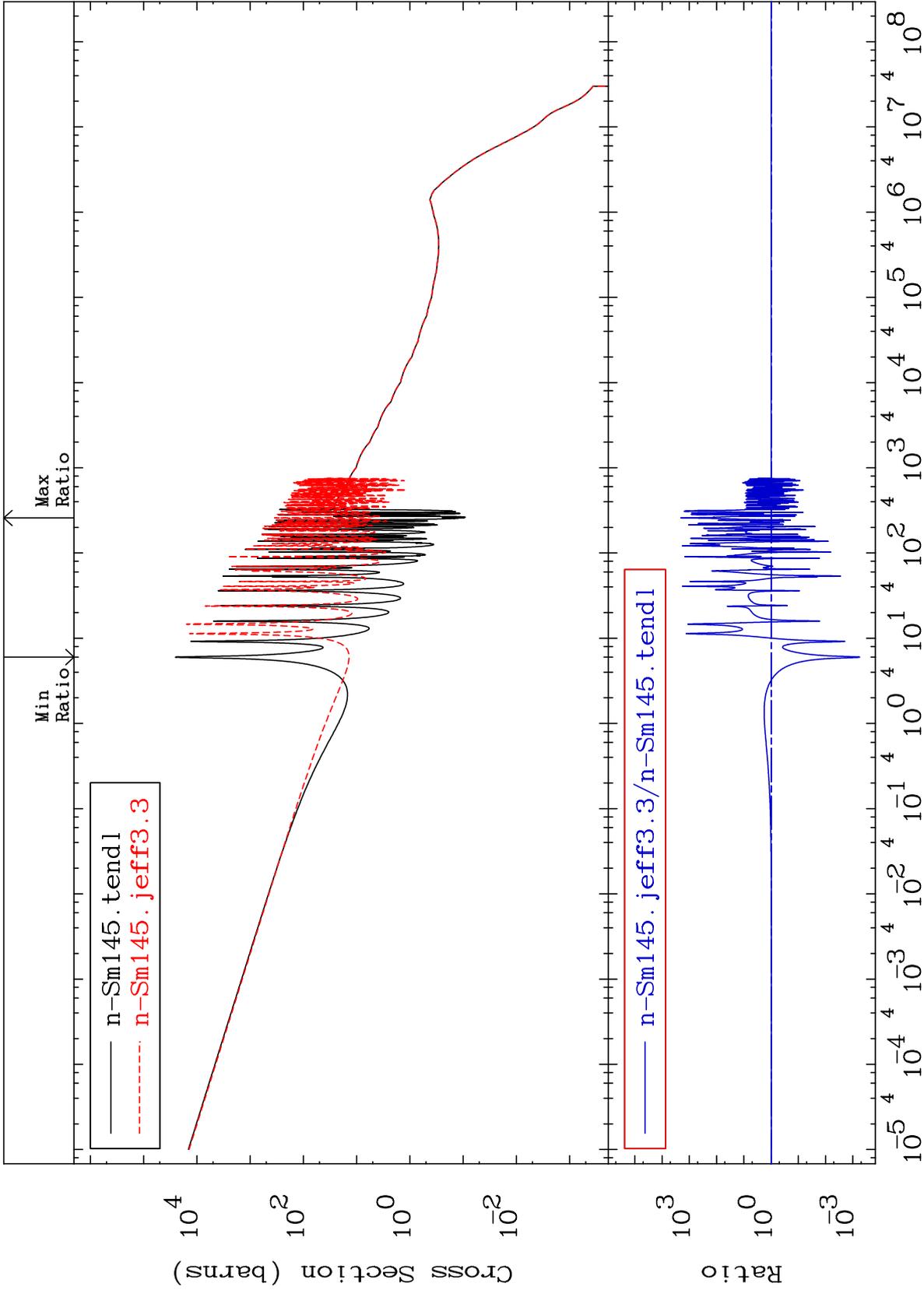


MAT 6228

(n, n') Continuum
Cross Section

62-Sm-145
-0.049 To 0.181 %



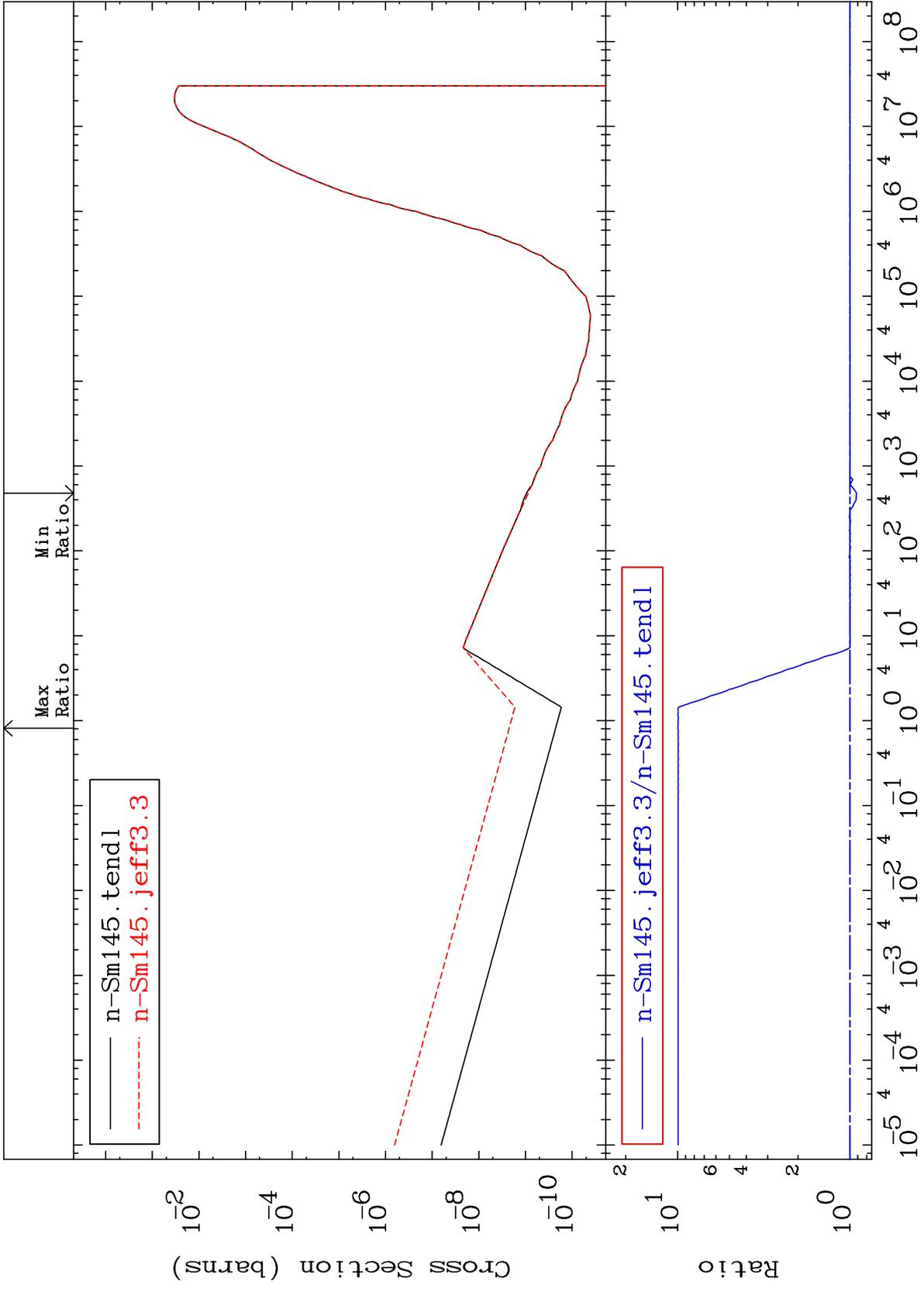


MAT 6228

62-Sm-145

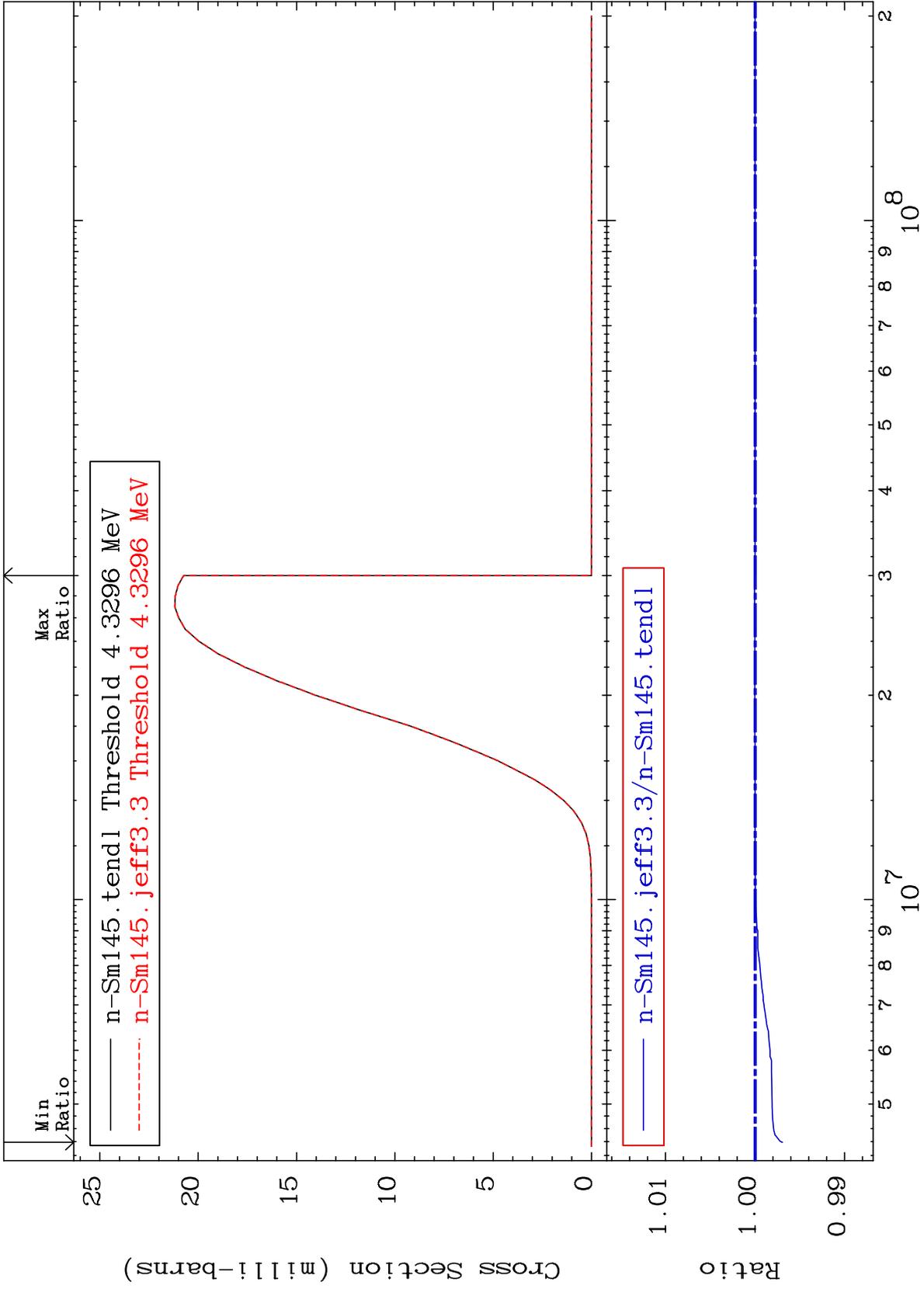
-8.390 To 896.2 %

(n,p)
Cross Section



MAT 6228

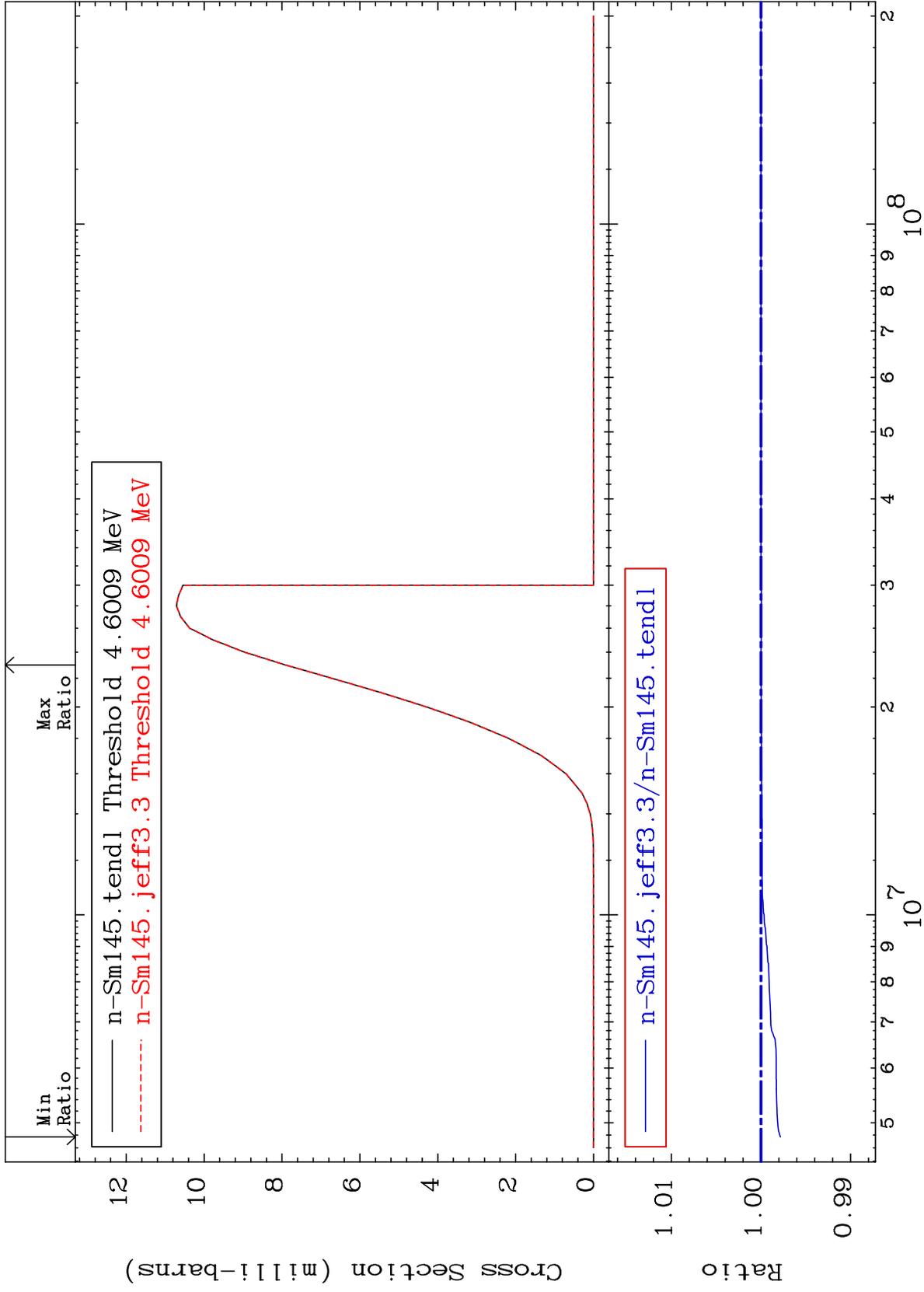
(n, d)
Cross Section
62-Sm-145
-0.306 To 0.008 %



MAT 6228

62-Sm-145

(n, t)
Cross Section
-0.217 To 0.000 %



54

Incident Energy (eV)

62-Sm-145

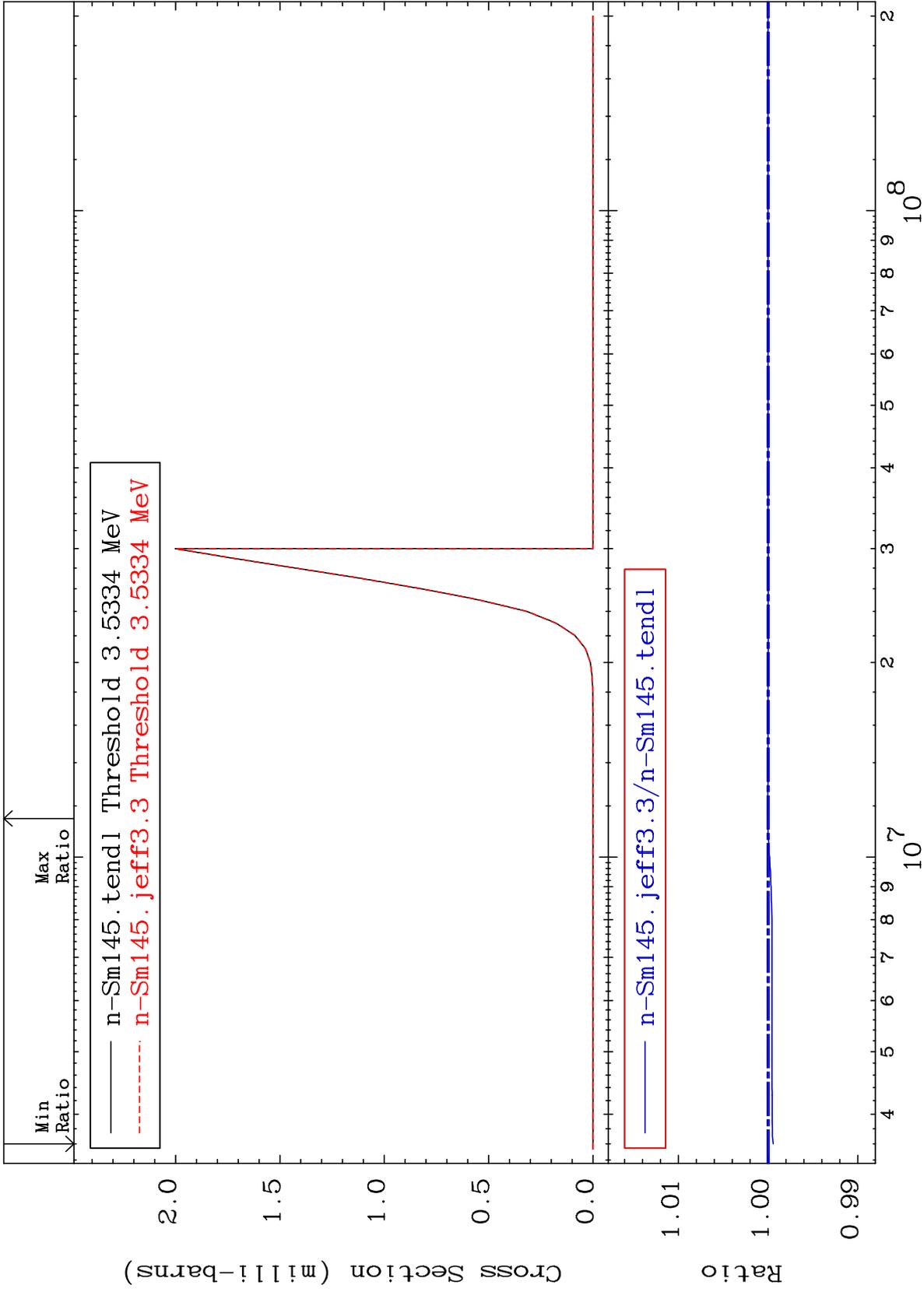
MAT 6228

(n,He-3)

62-Sm-145

Cross Section

-0.058 To 0.006 %



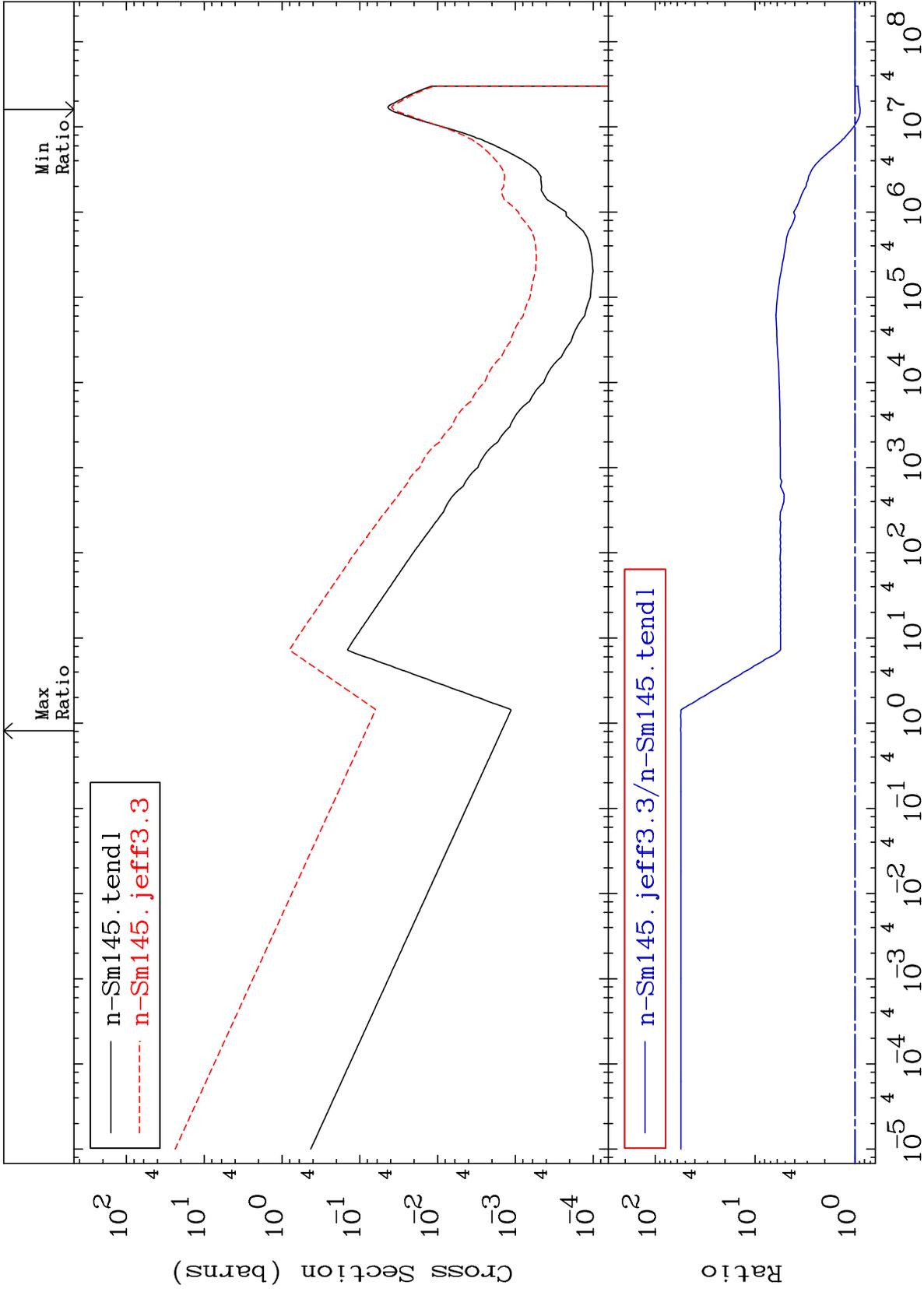
MAT 6228

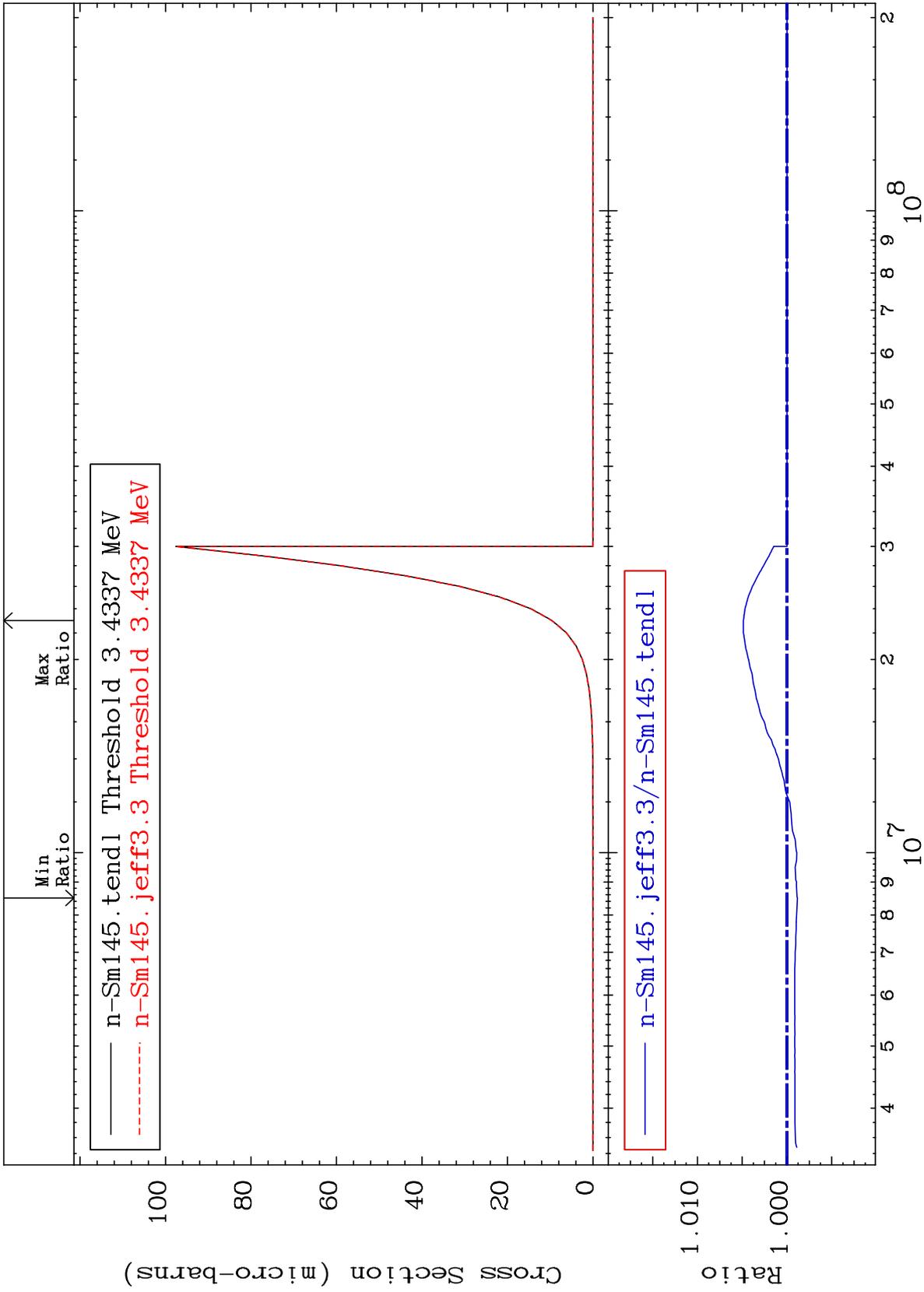
(n, α)

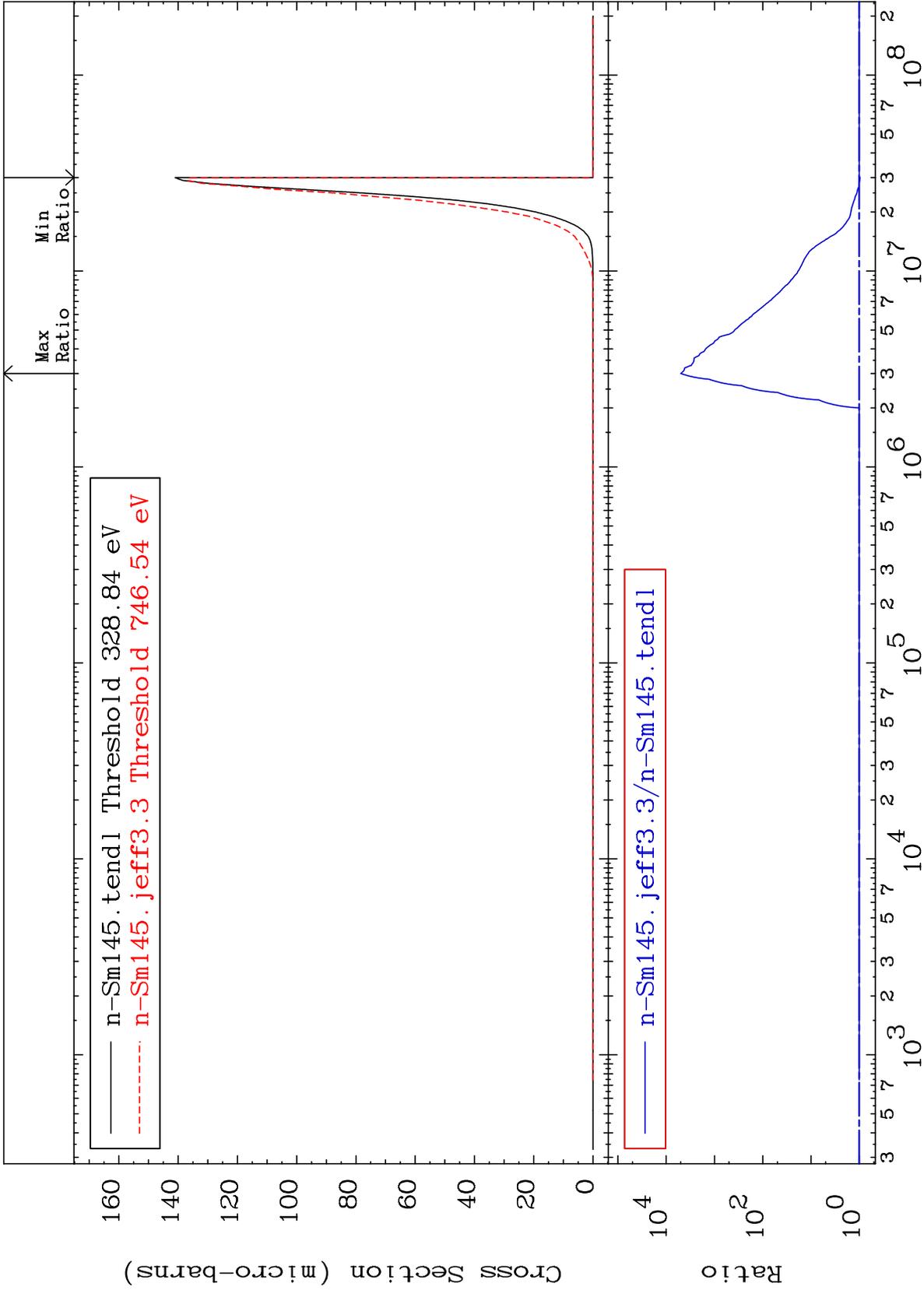
62-Sm-145

Cross Section

-11.32 To 5444. %





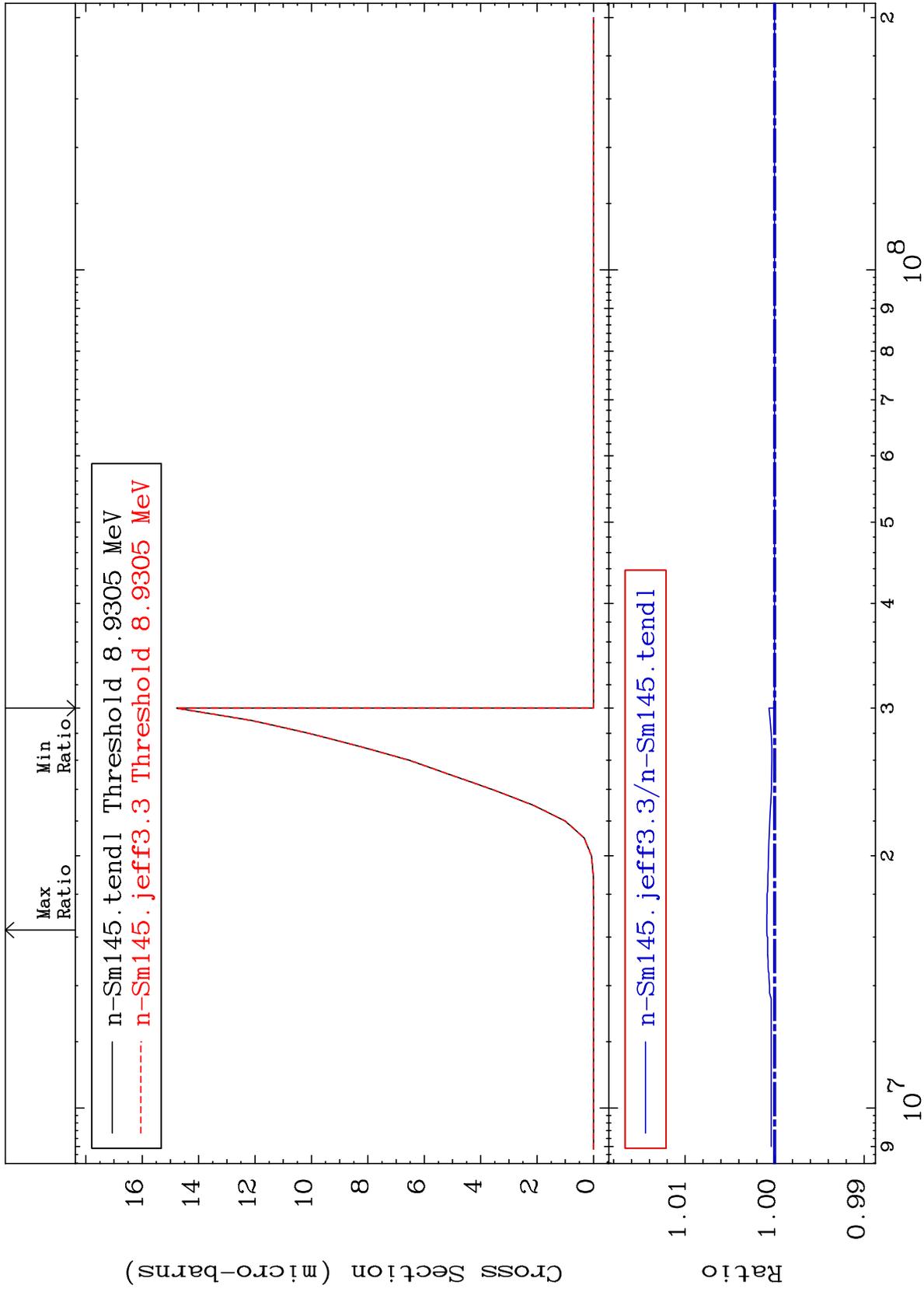


MAT 6228

(n,p) t
Cross Section

62-Sm-145

0.000 To 0.088 %



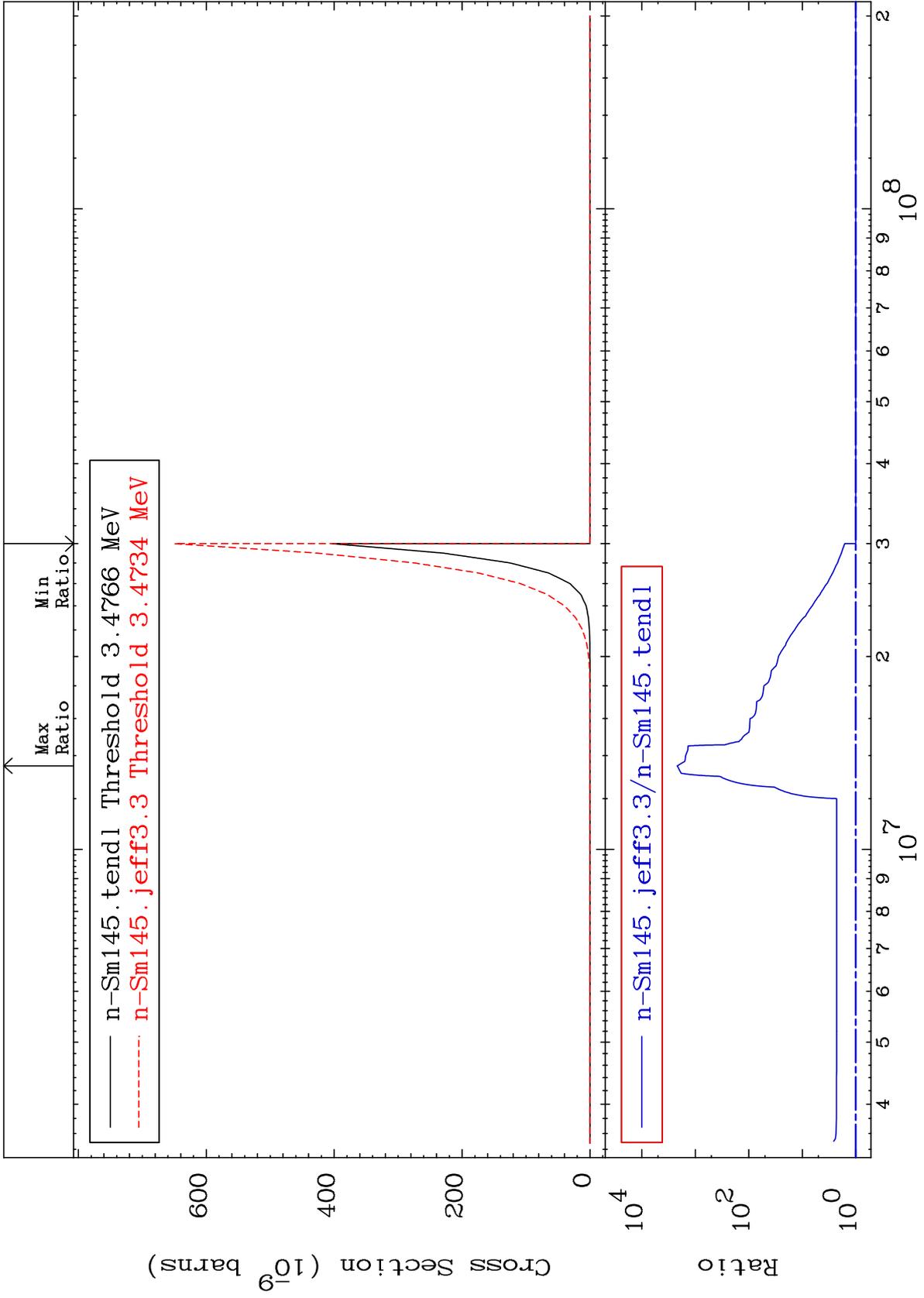
61

Incident Energy (eV)

62-Sm-145

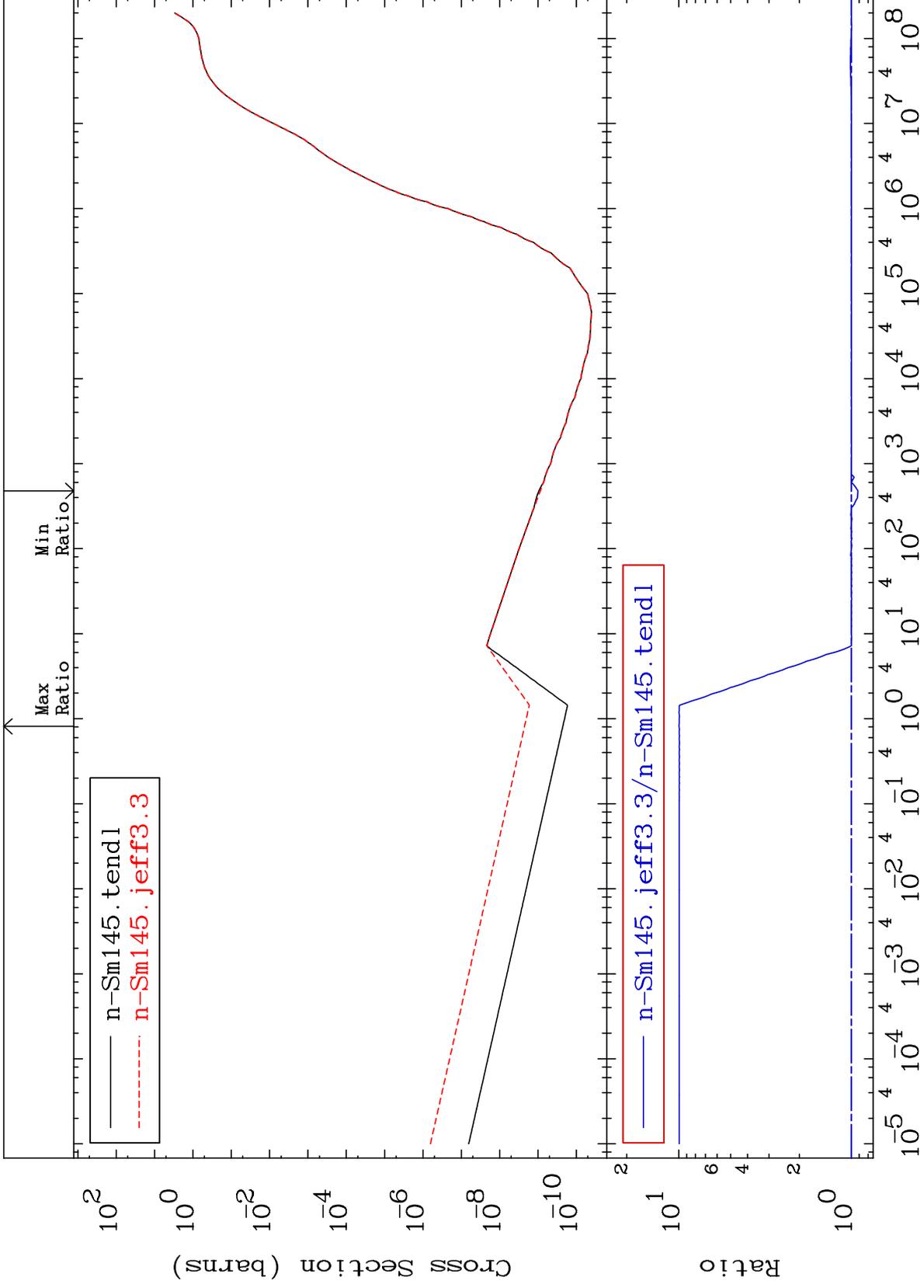
MAT 6228

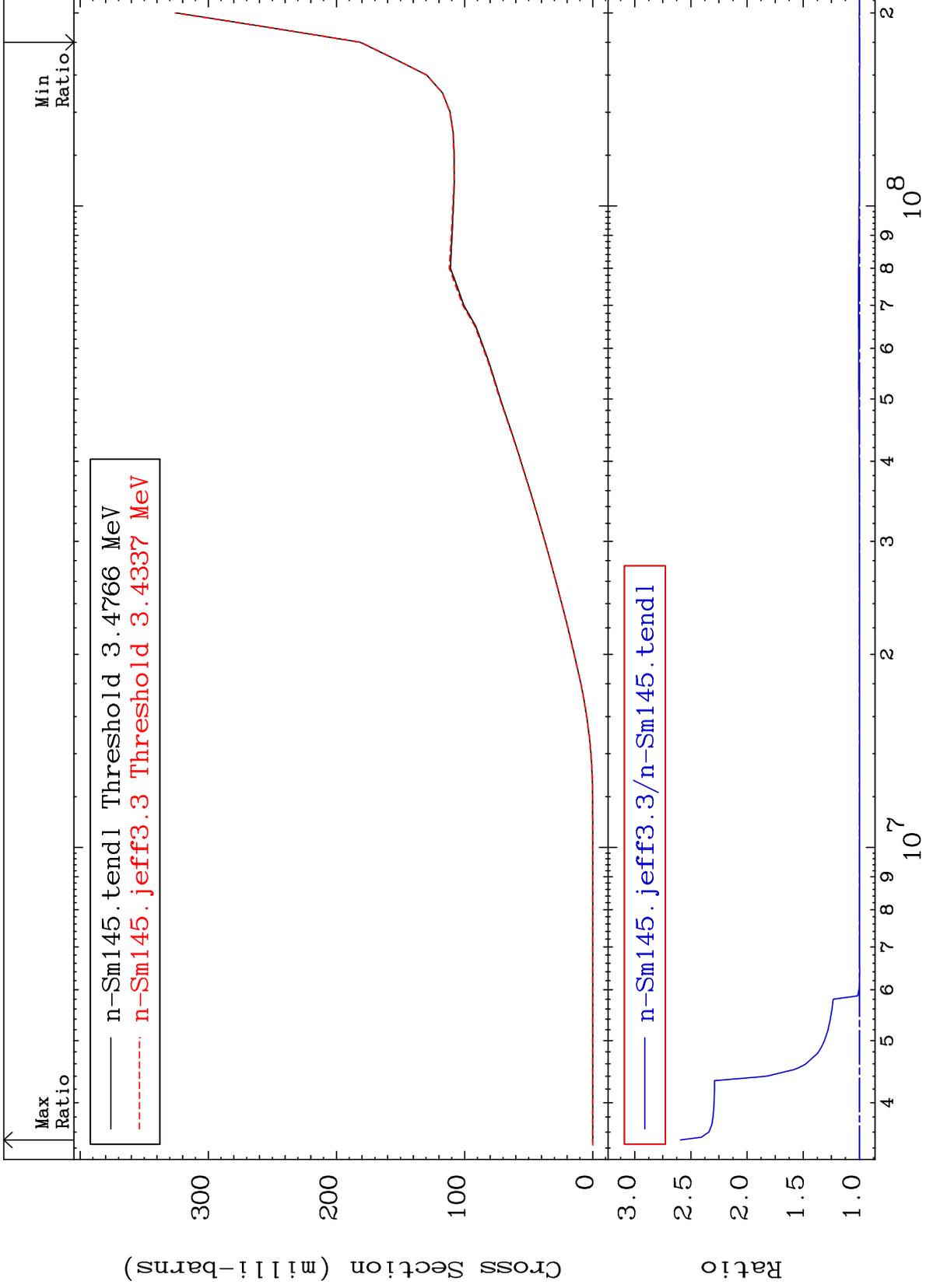
(n, d) α Cross Section
62-Sm-145
0.000 To 9999. %

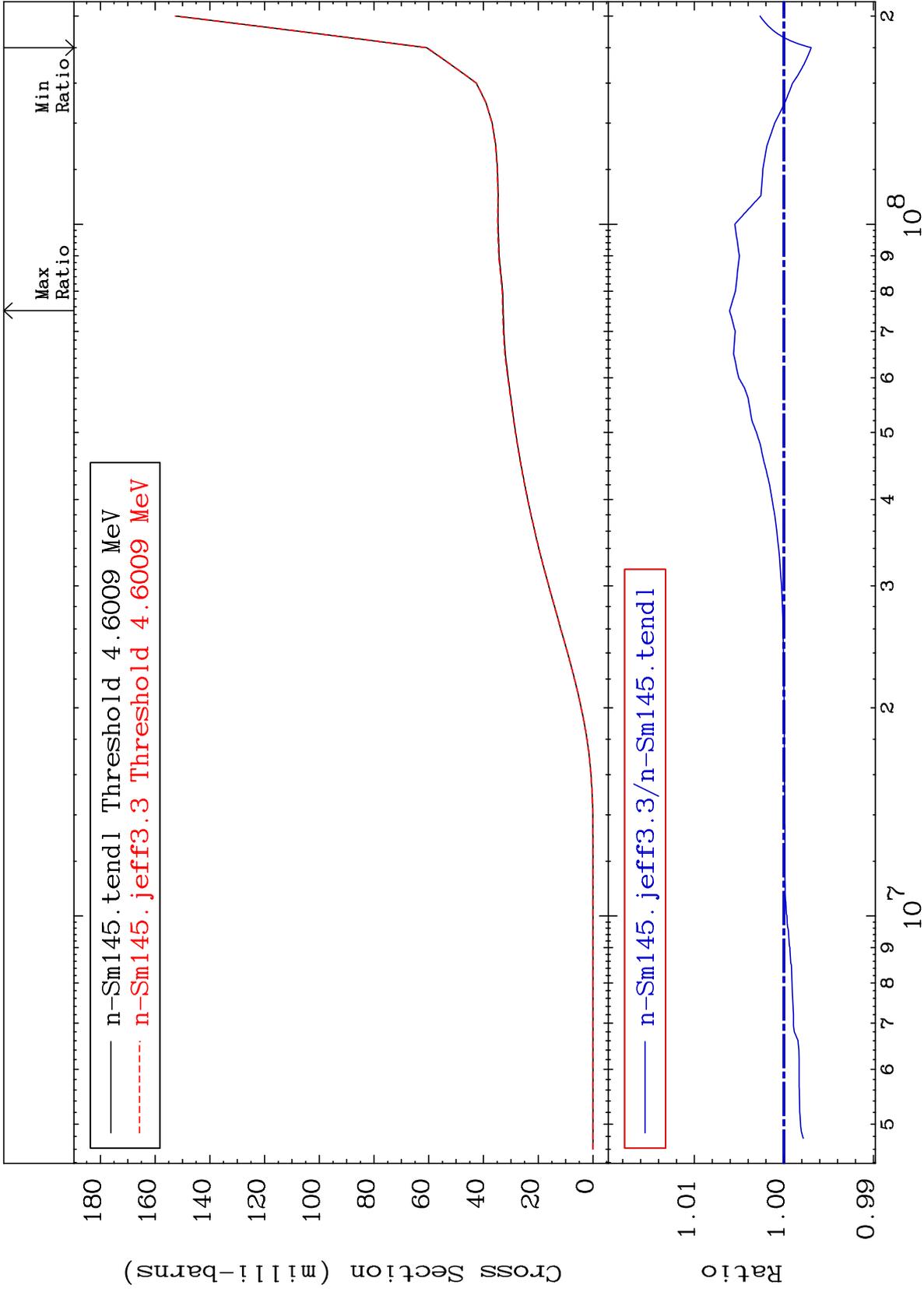


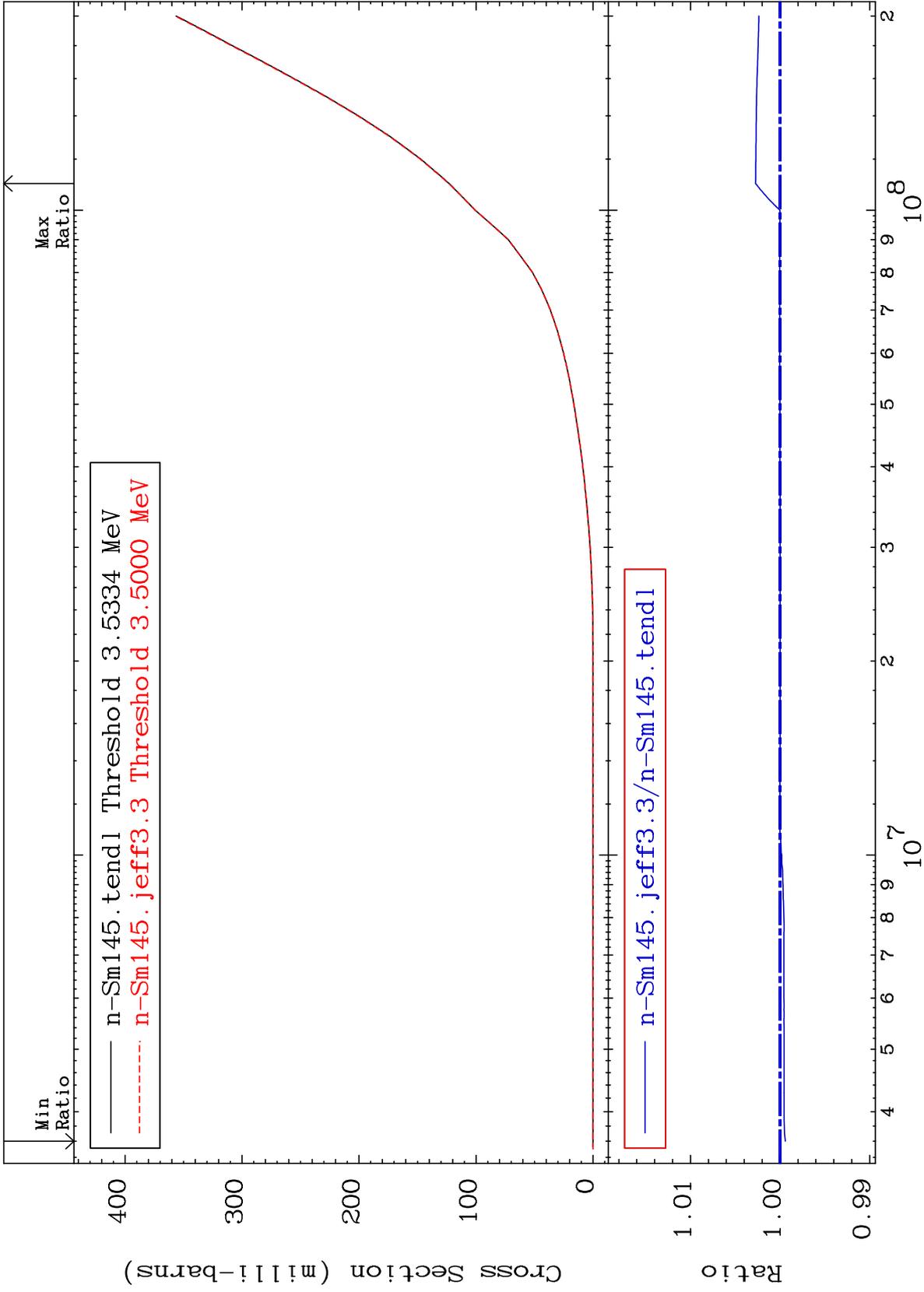
62

62-Sm-145





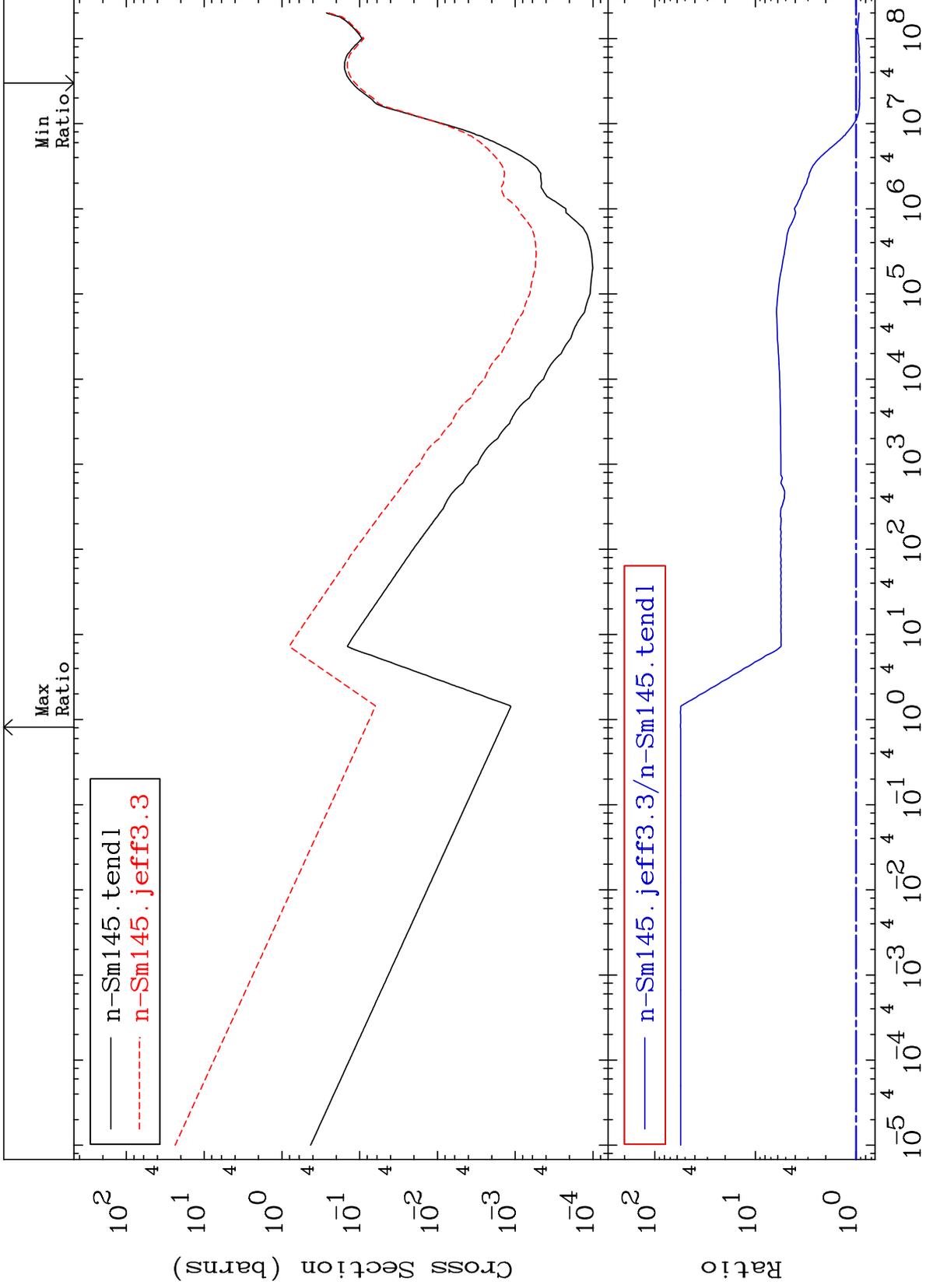




MAT 6228

He-4 Production
Cross Section

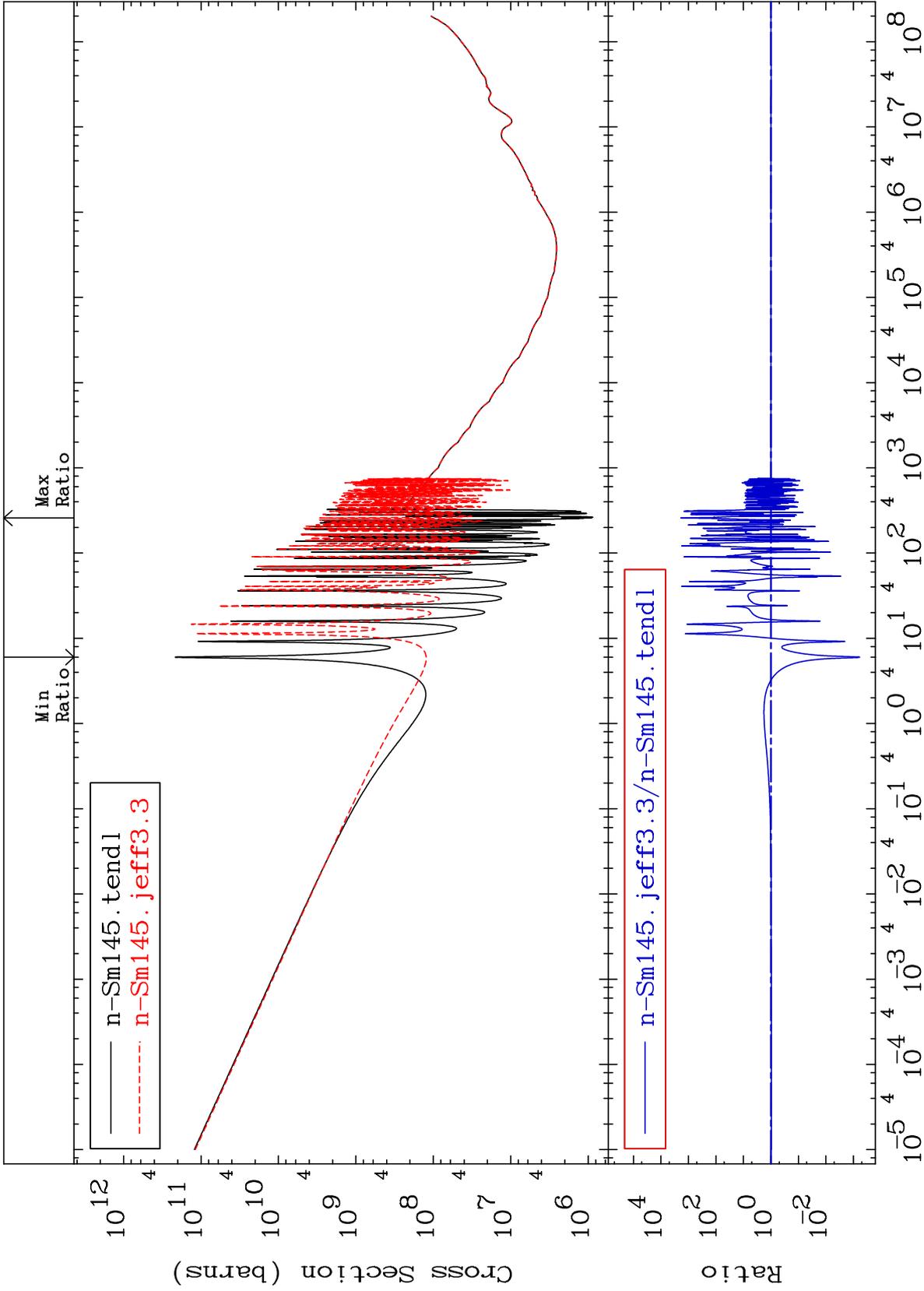
62-Sm-145
-8.435 To 5444. %

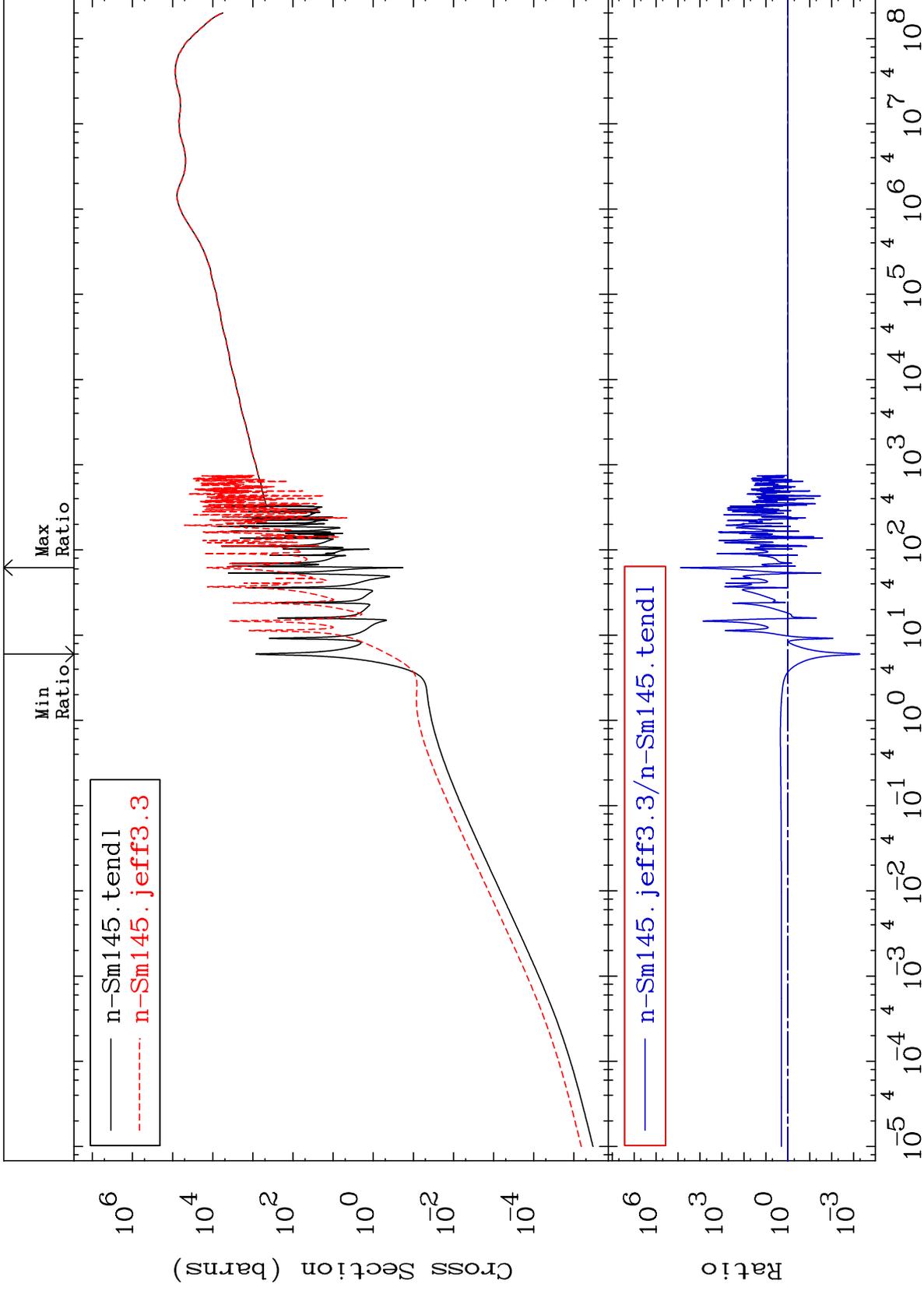


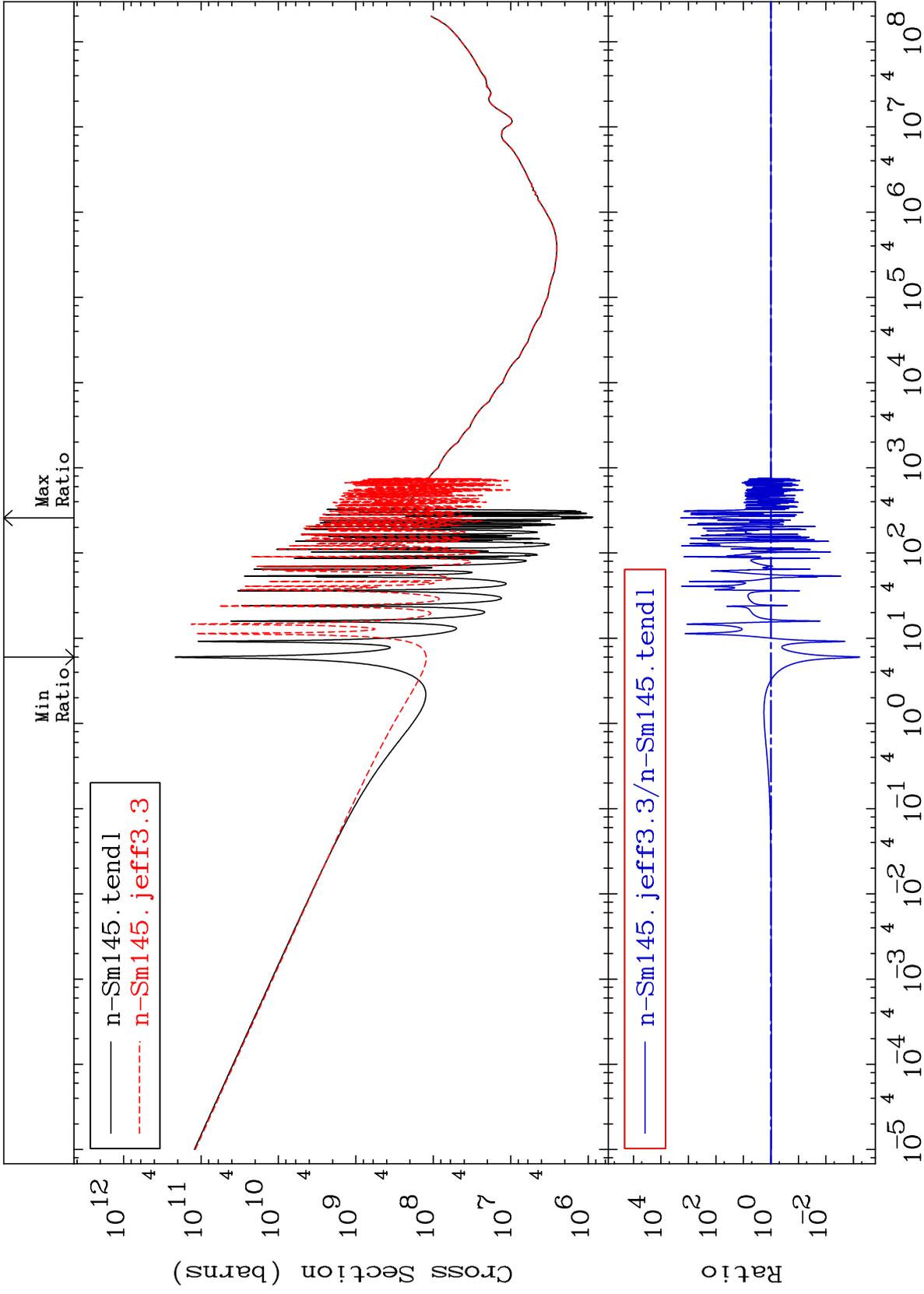
67

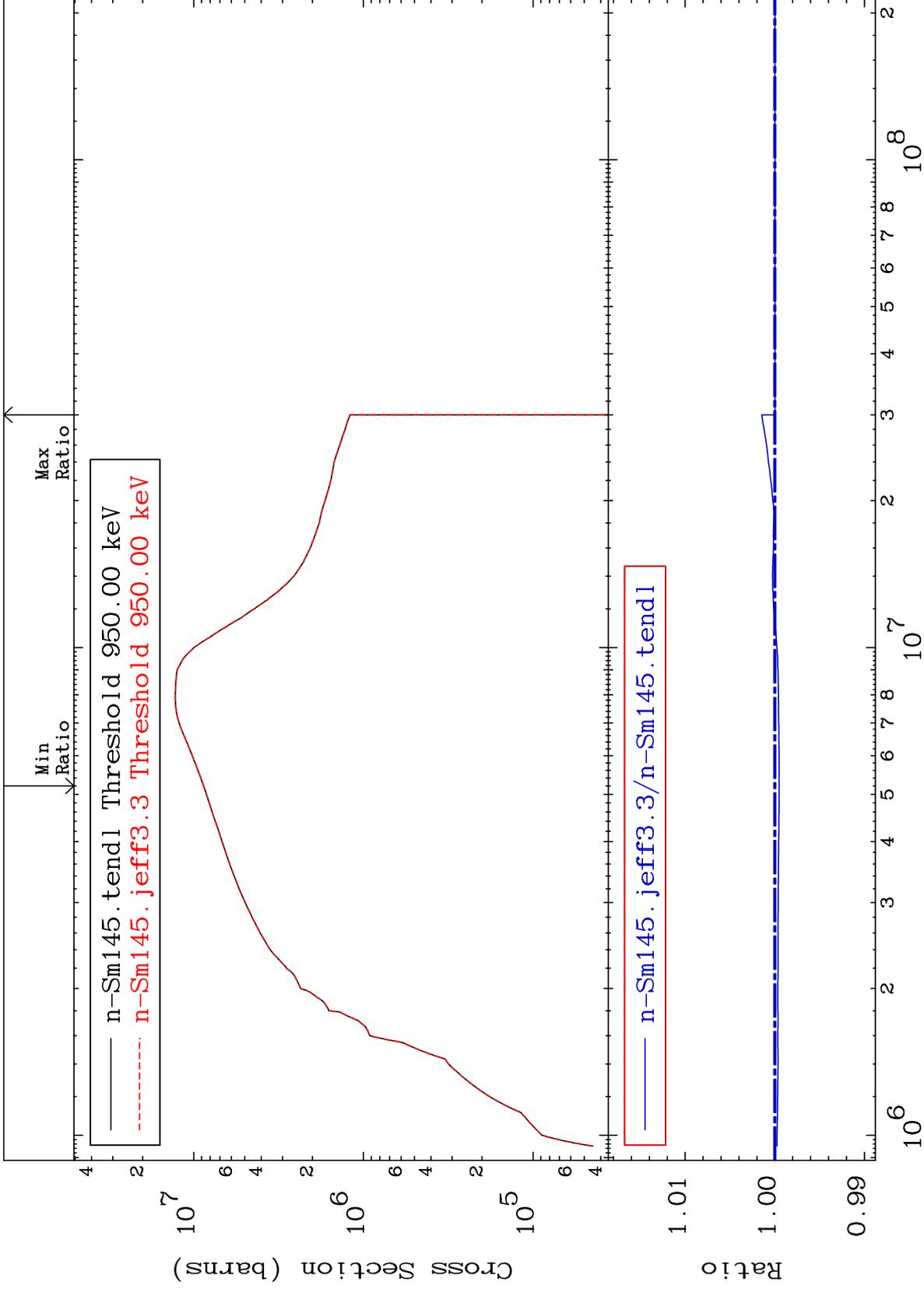
Incident Energy (eV)

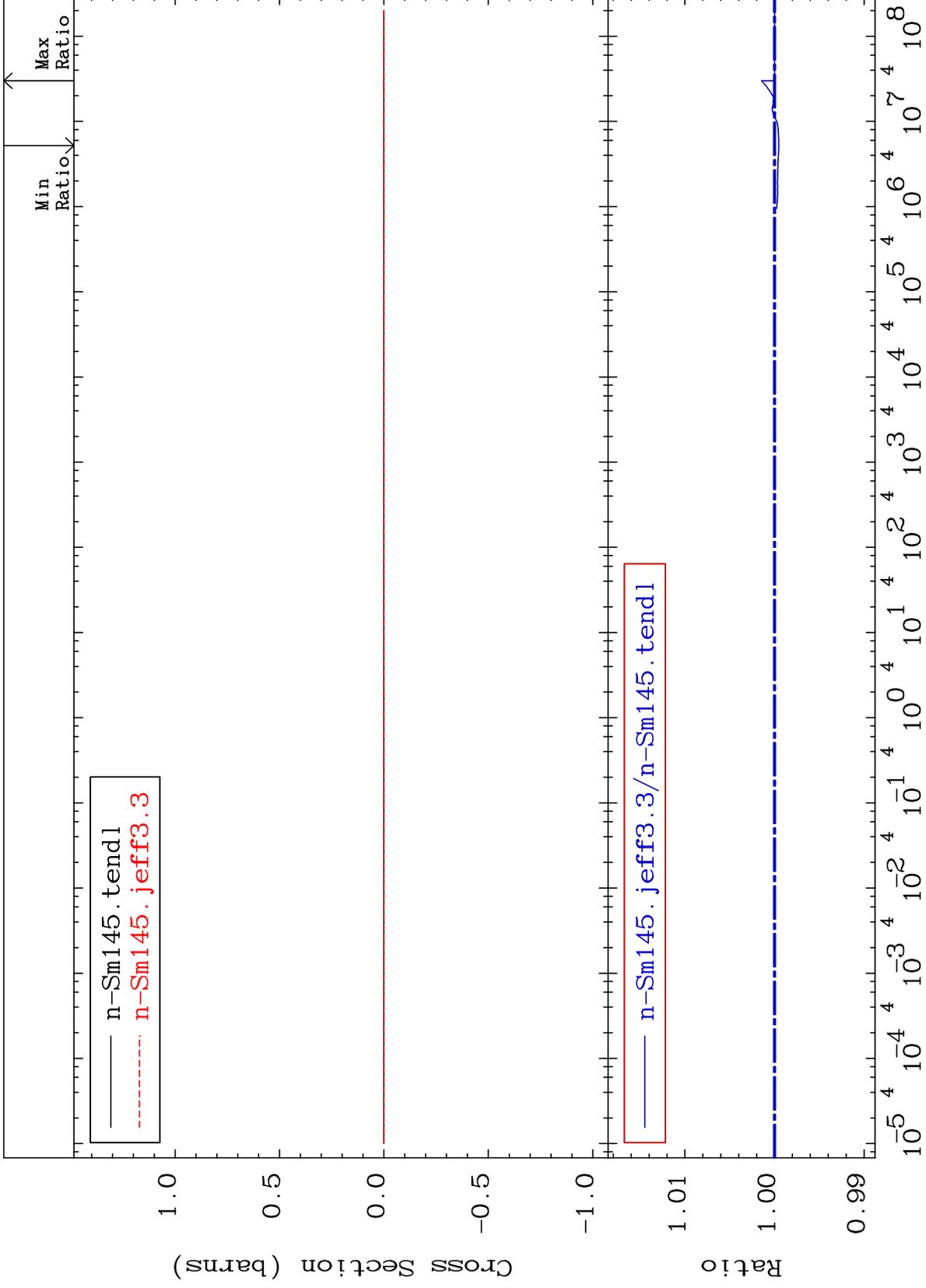
62-Sm-145







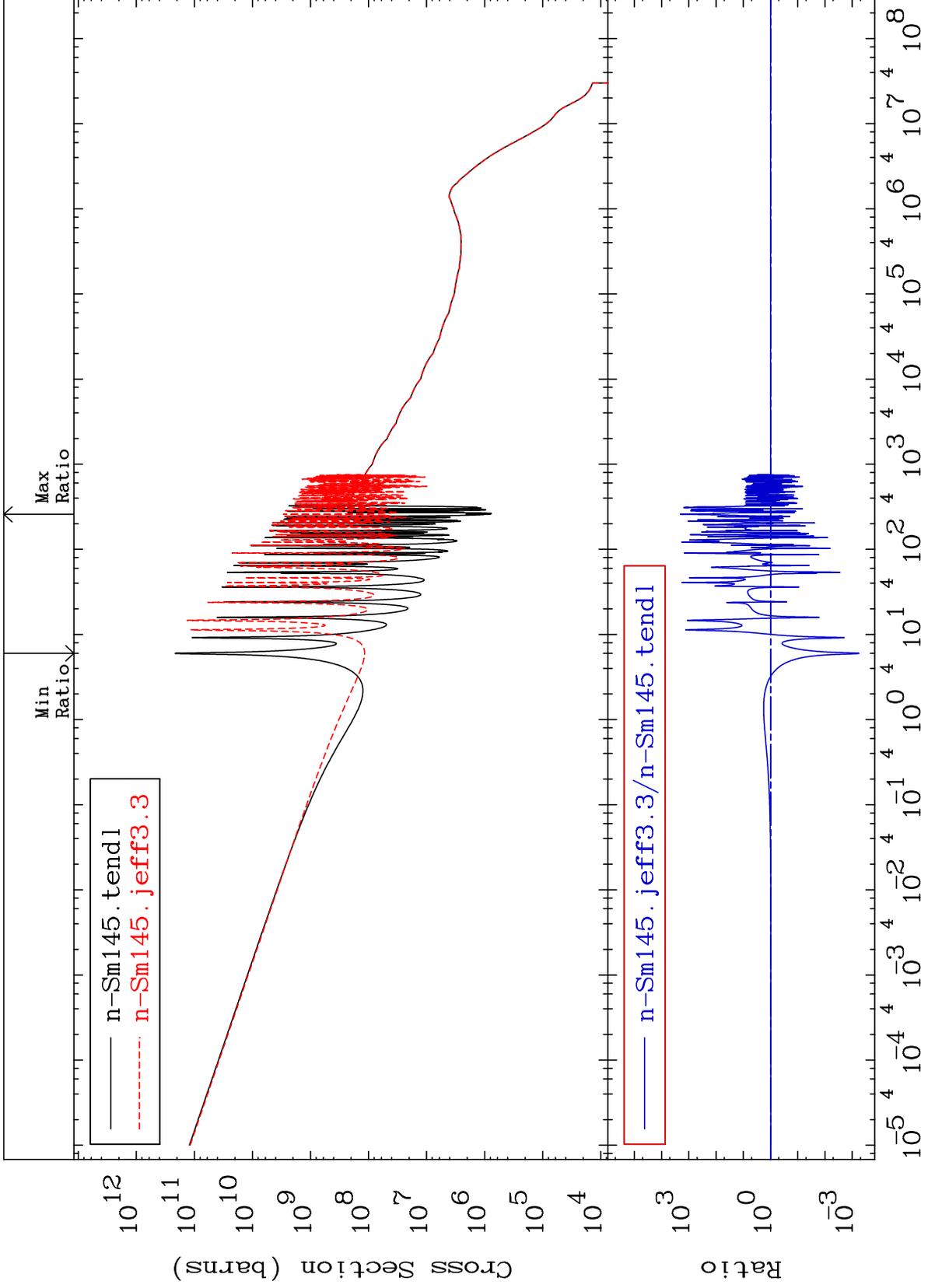


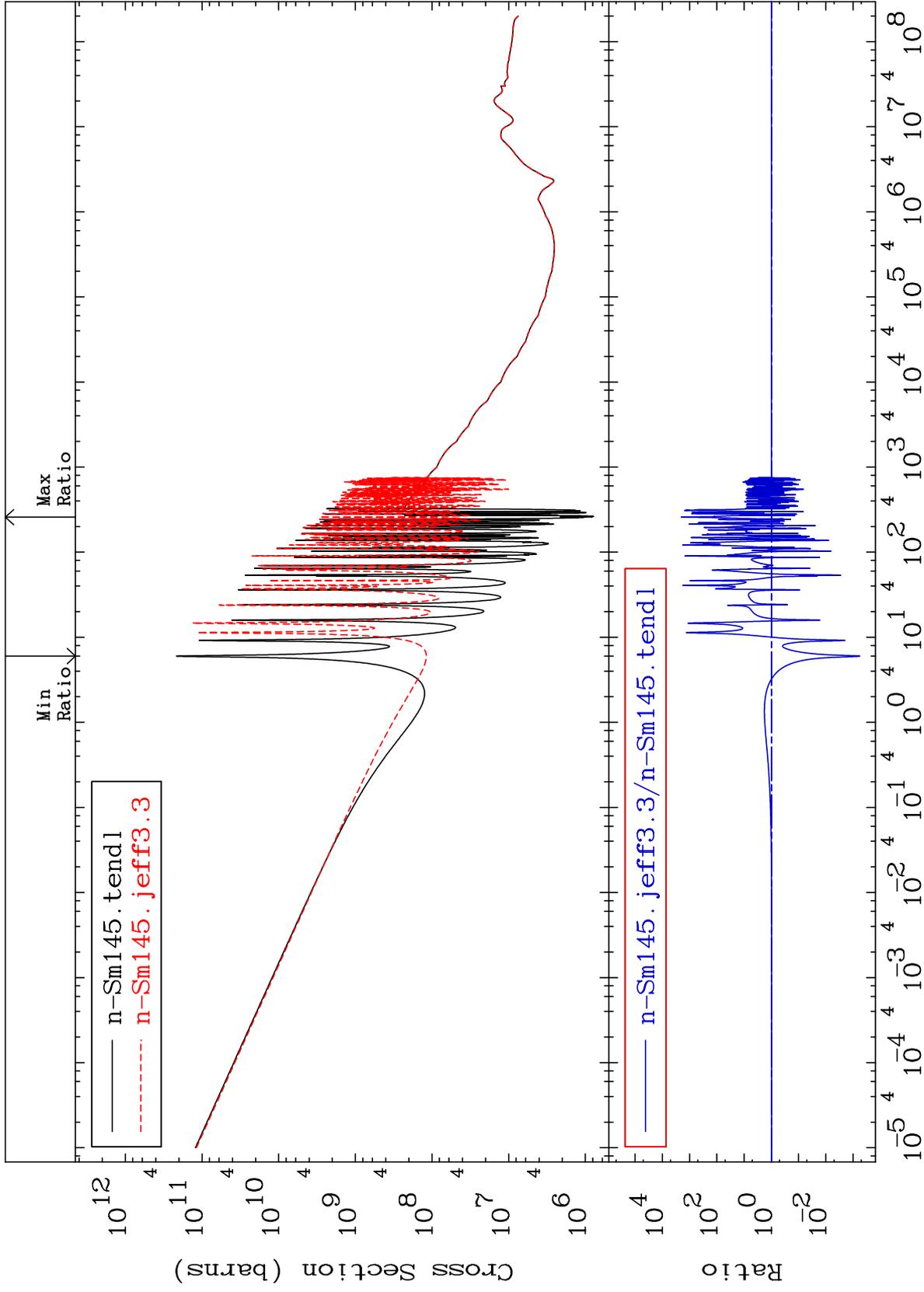


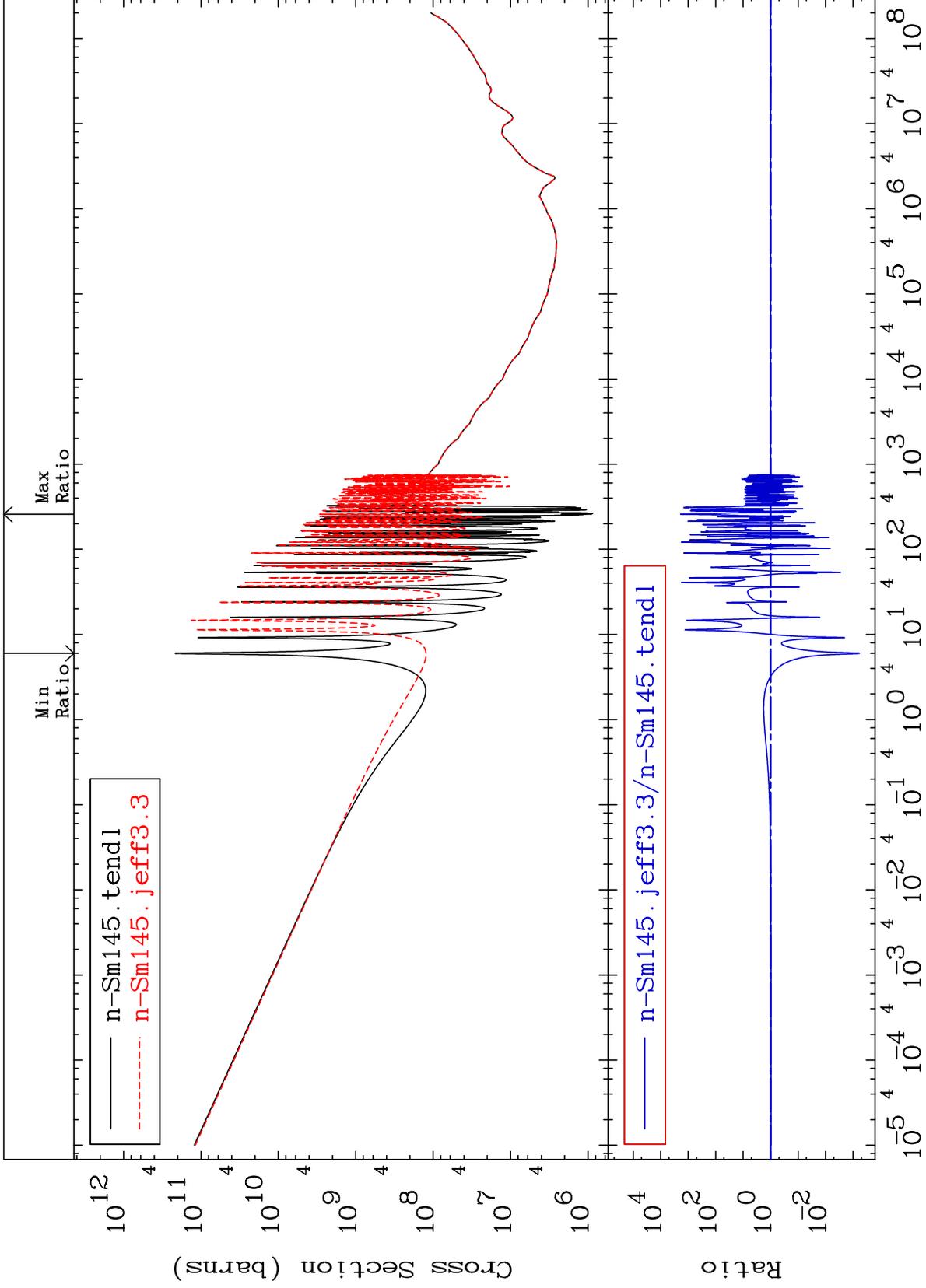
MAT 6228

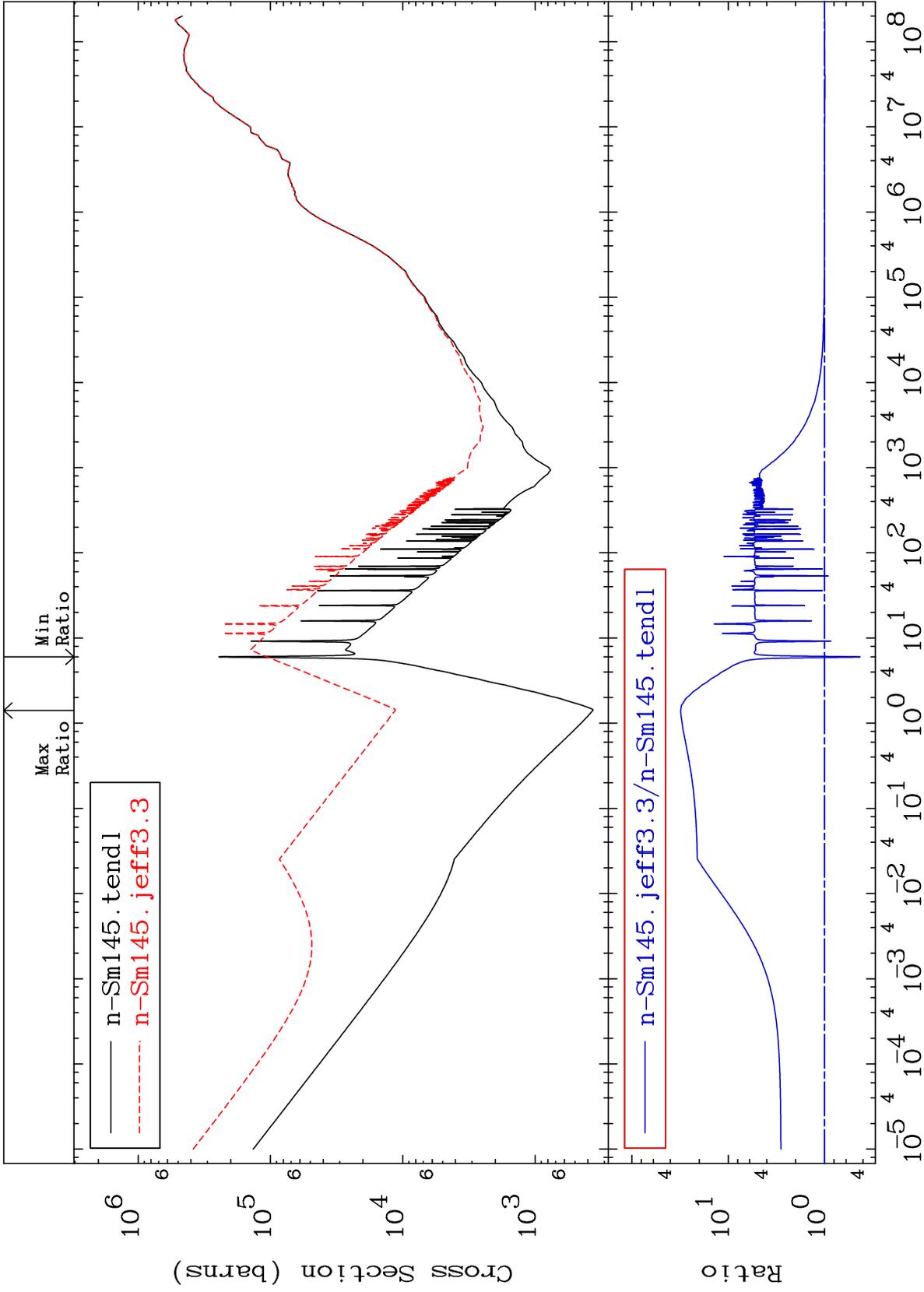
Kerma capture (mt102)
Cross Section

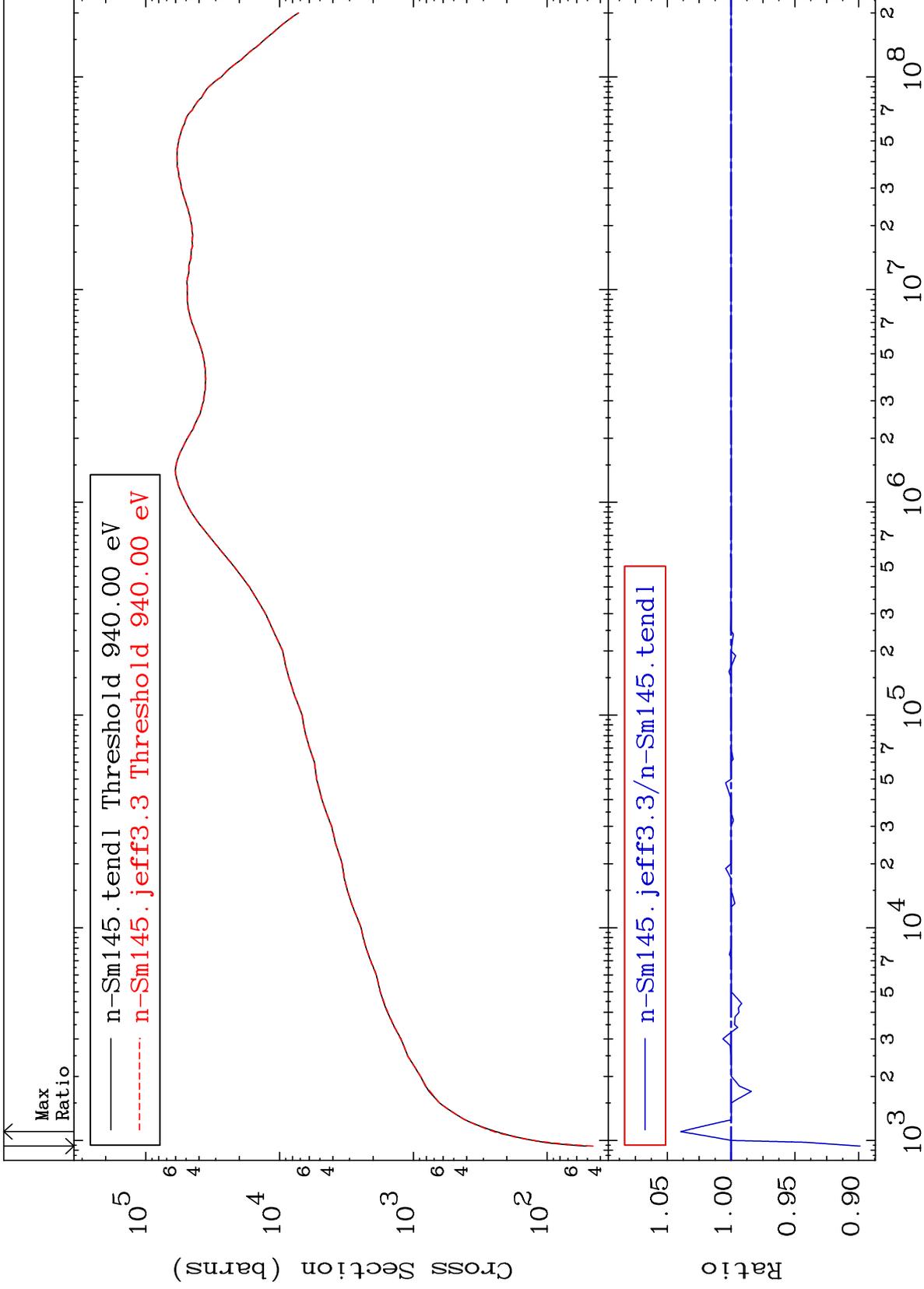
62-Sm-145
-99.95 To 9999. %







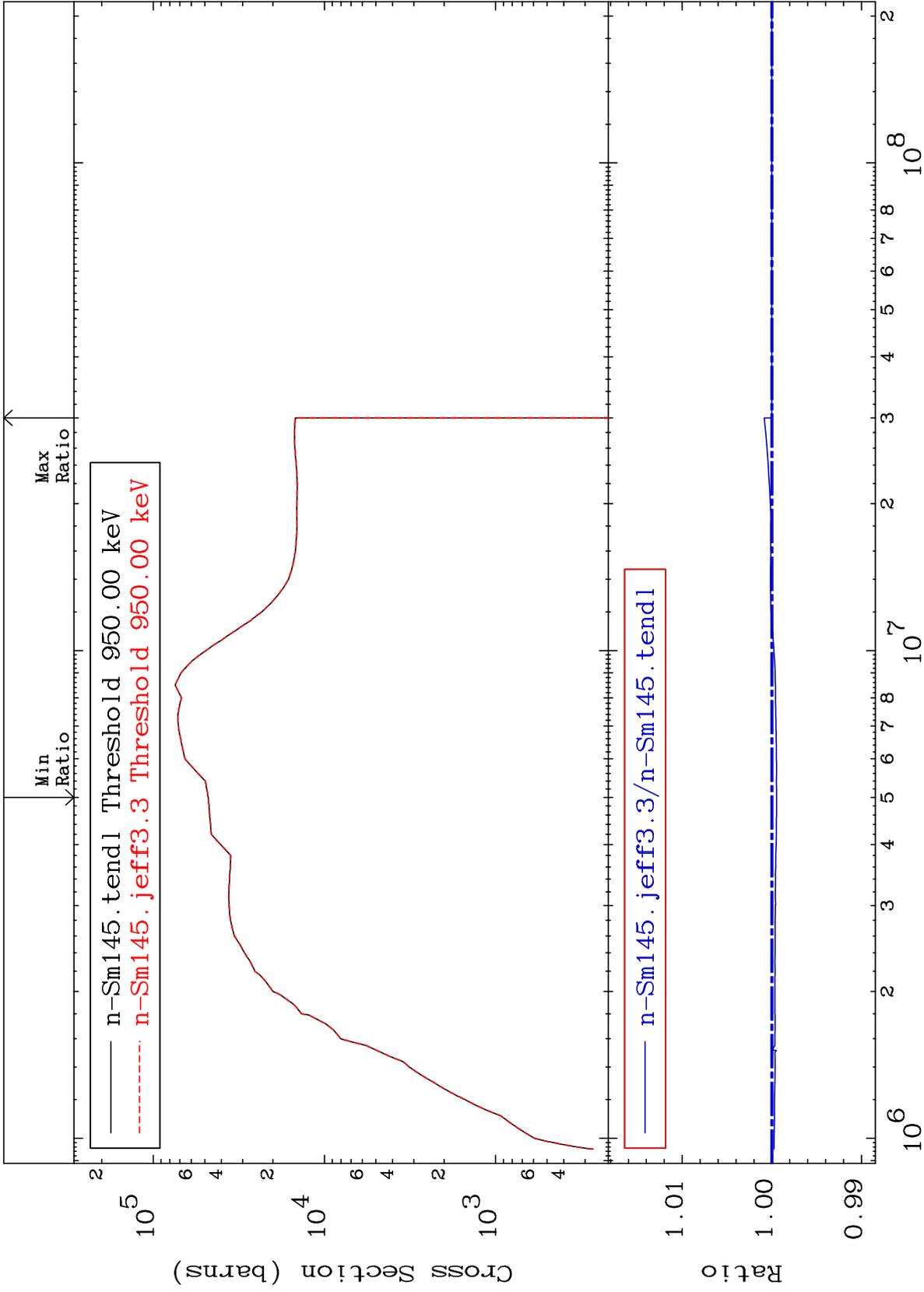




MAT 6228

Dpa inelastic (mt51-91)
Cross Section

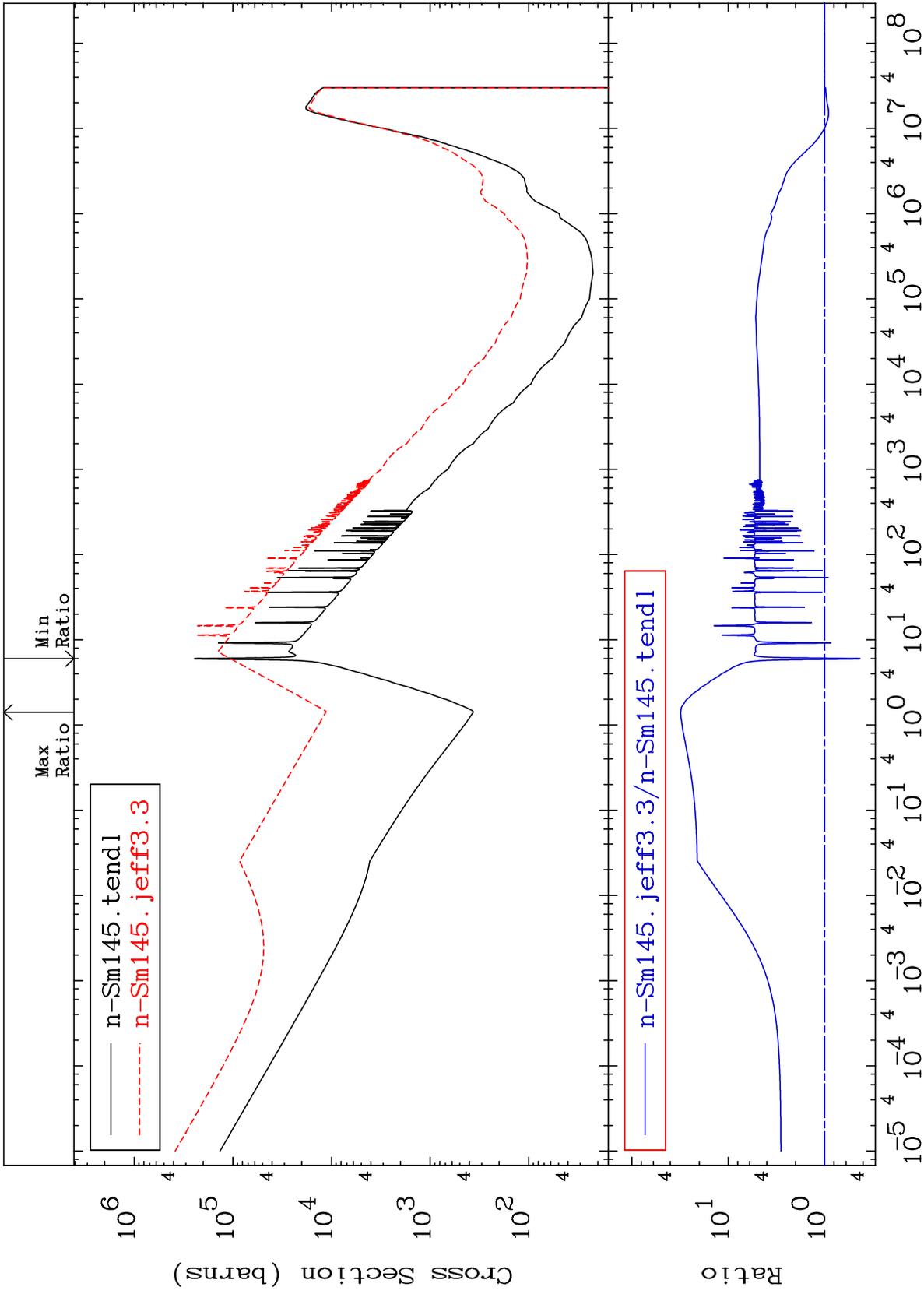
62-Sm-145
-0.052 To 0.084 %



78

Incident Energy (eV)

62-Sm-145



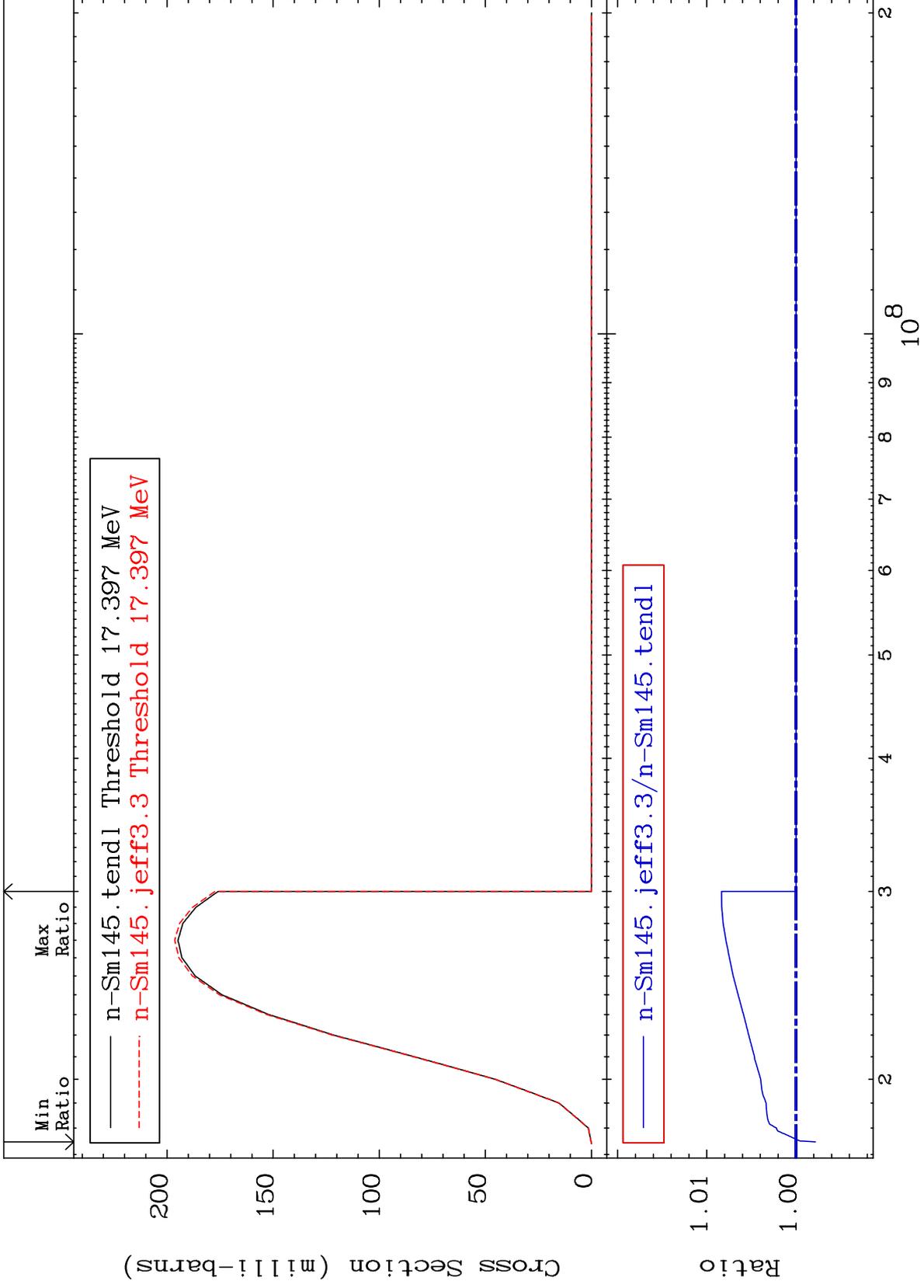
MAT 6228

(n,3n):62-Sm-143g

62-Sm-145

Radionuclide Production Cross Section

-0.218 To 0.835 %



80

Incident Energy (eV)

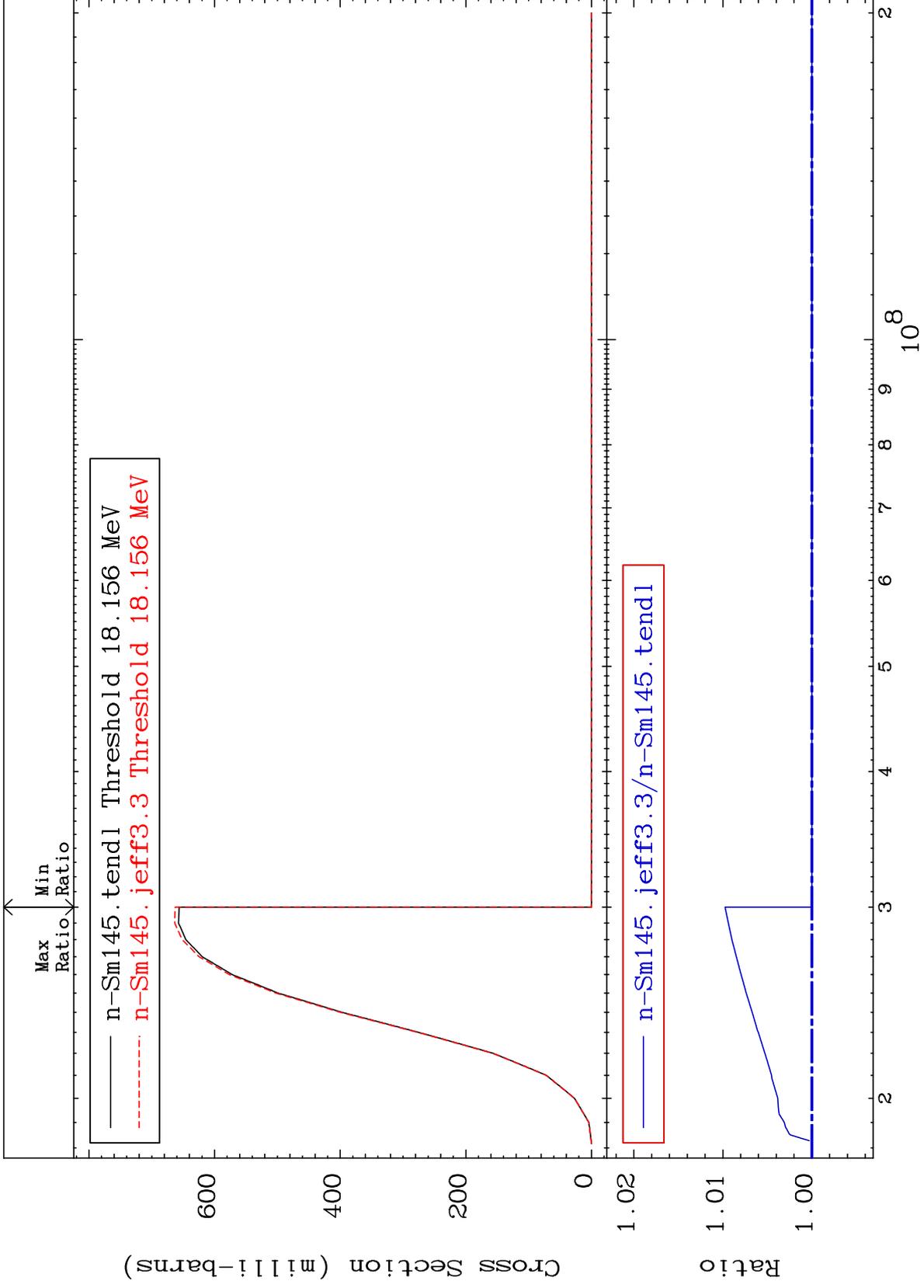
62-Sm-145

MAT 6228

(n,3n):62-Sm-143m2

62-Sm-145

Radionuclide Production Cross Section 0.000 To 0.975 %

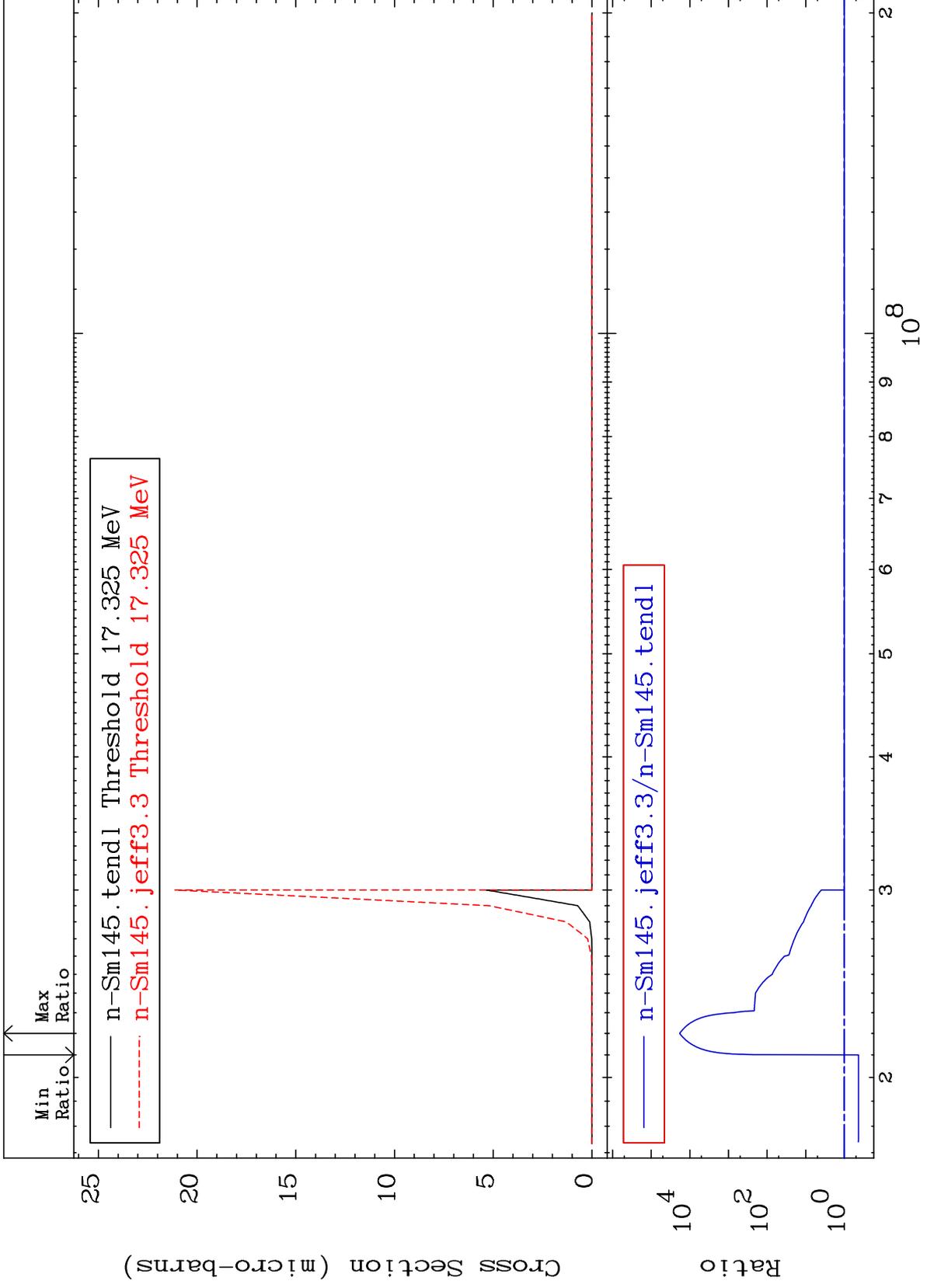


MAT 6228

(n,3n) α : 60-Nd-139g

62-Sm-145

Radionuclide Production Cross Section -56.93 To 9999. %



MAT 6228

(n,3n) α :60-Nd-139m2

62-Sm-145

Radionuclide Production Cross Section 0.000 To 9999. %

