

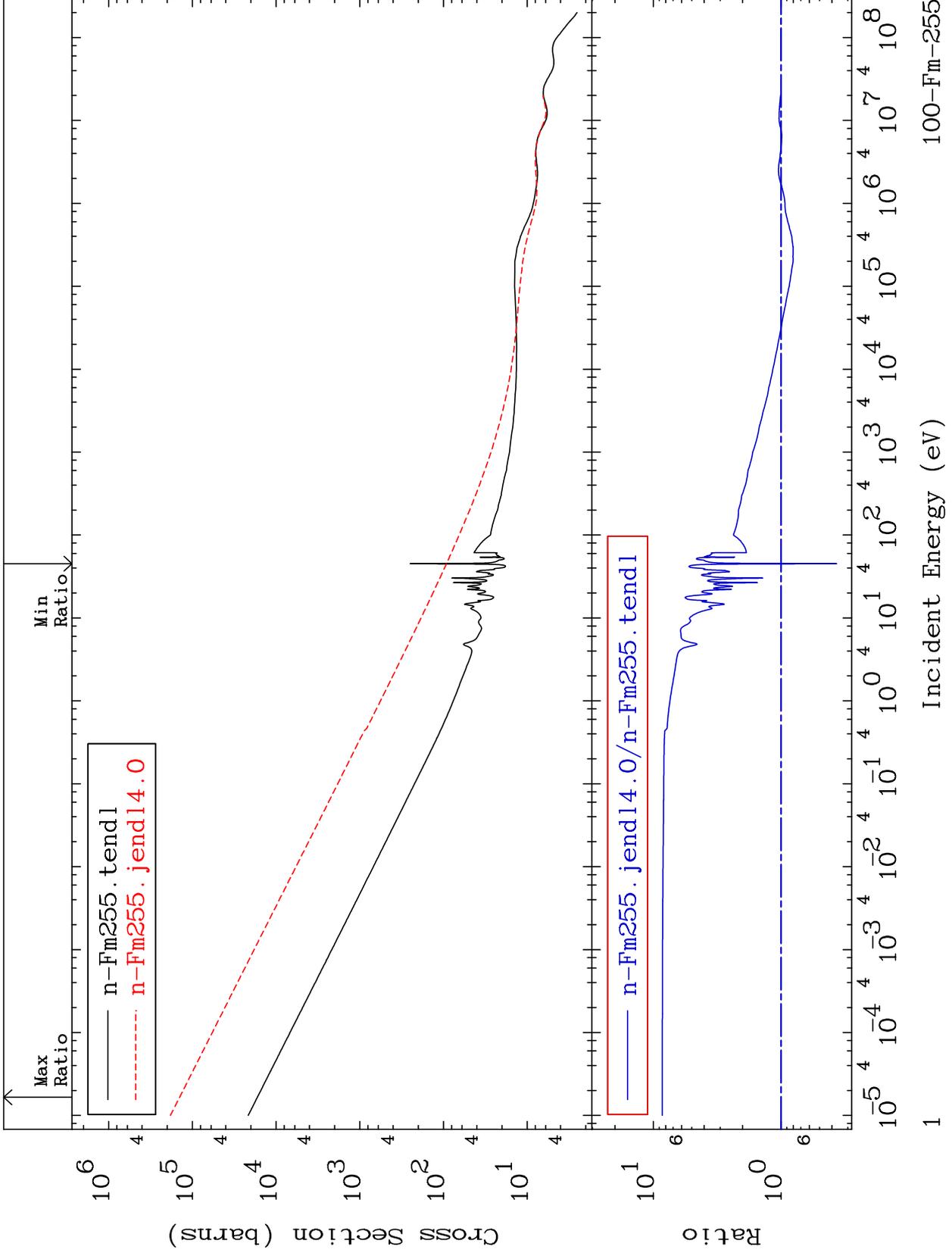
MAT 9936

Total

100-Fm-255

Cross Section

-63.40 To 749.8 %



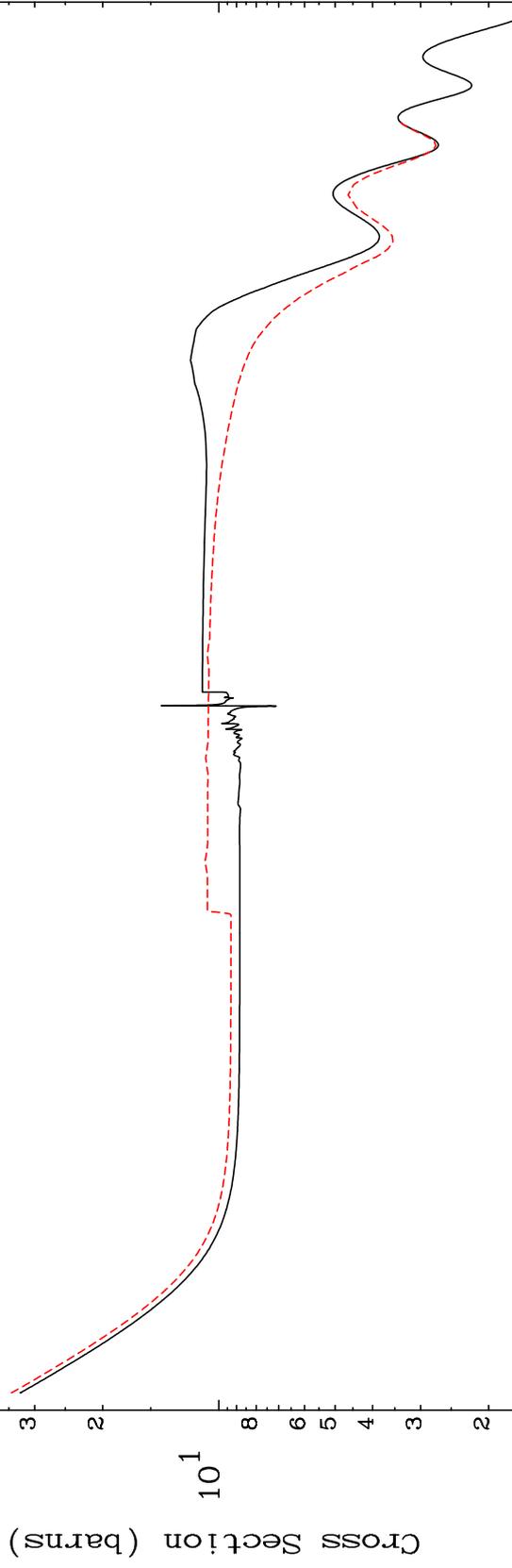
MAT 9936

Elastic
Cross Section

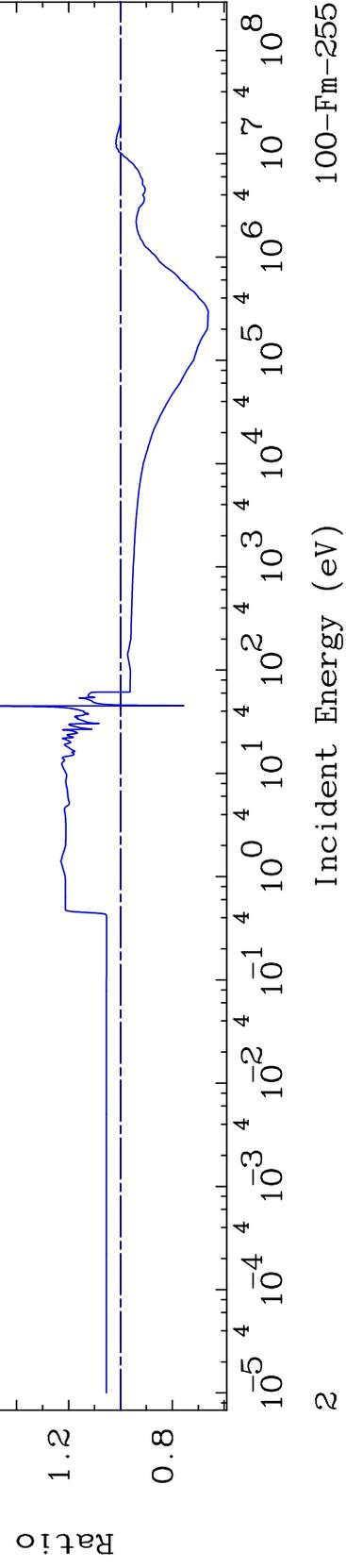
100-Fm-255
-33.84 To 49.85 %

— n-Fm255.tendl
- - - n-Fm255.jendl4.0

Max Ratio
Min Ratio

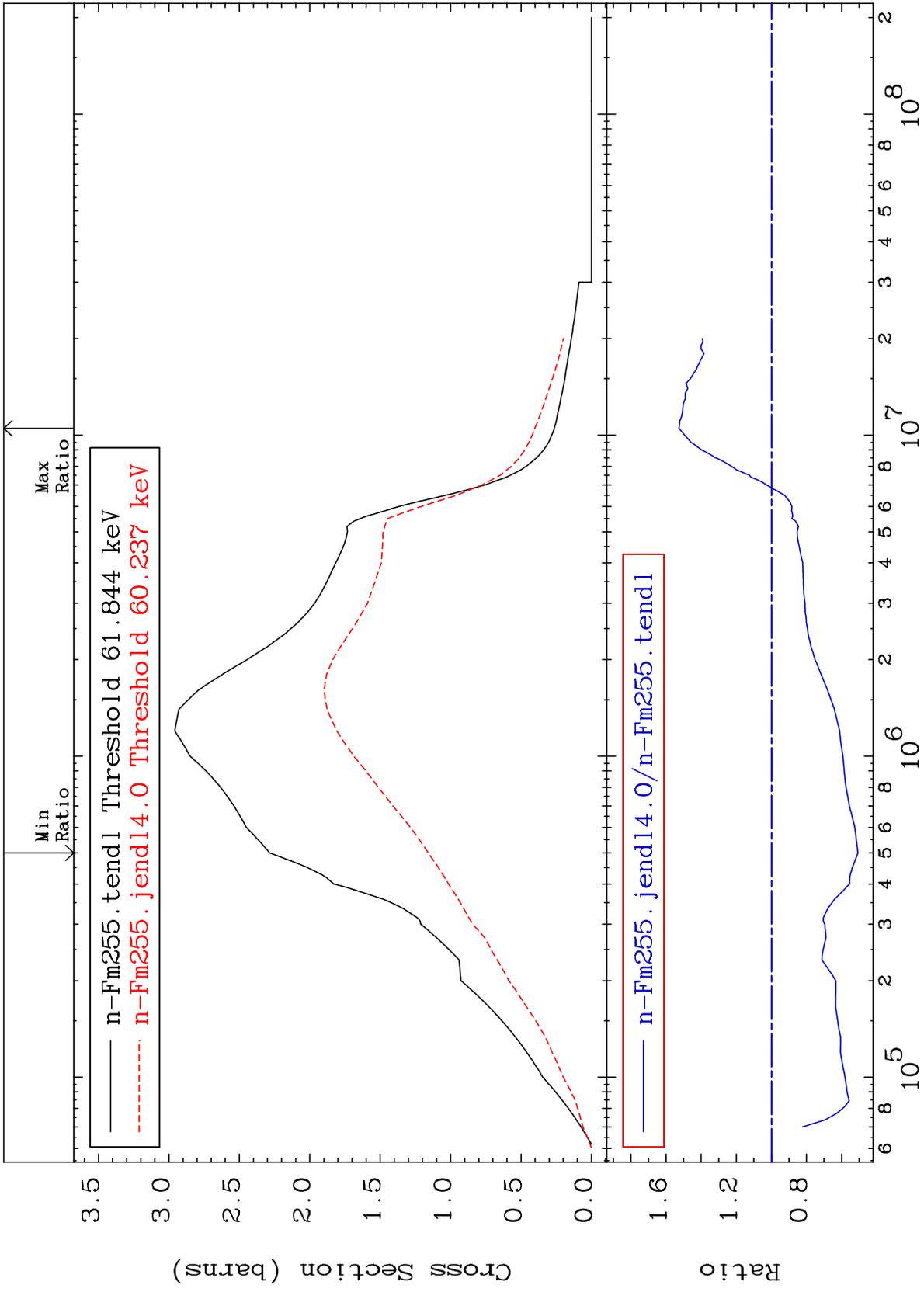


— n-Fm255.jendl4.0/n-Fm255.tendl



MAT 9936

Inelastic
Cross Section
100-Fm-255
-49.28 To 52.60 %



100-Fm-255

Incident Energy (eV)

3

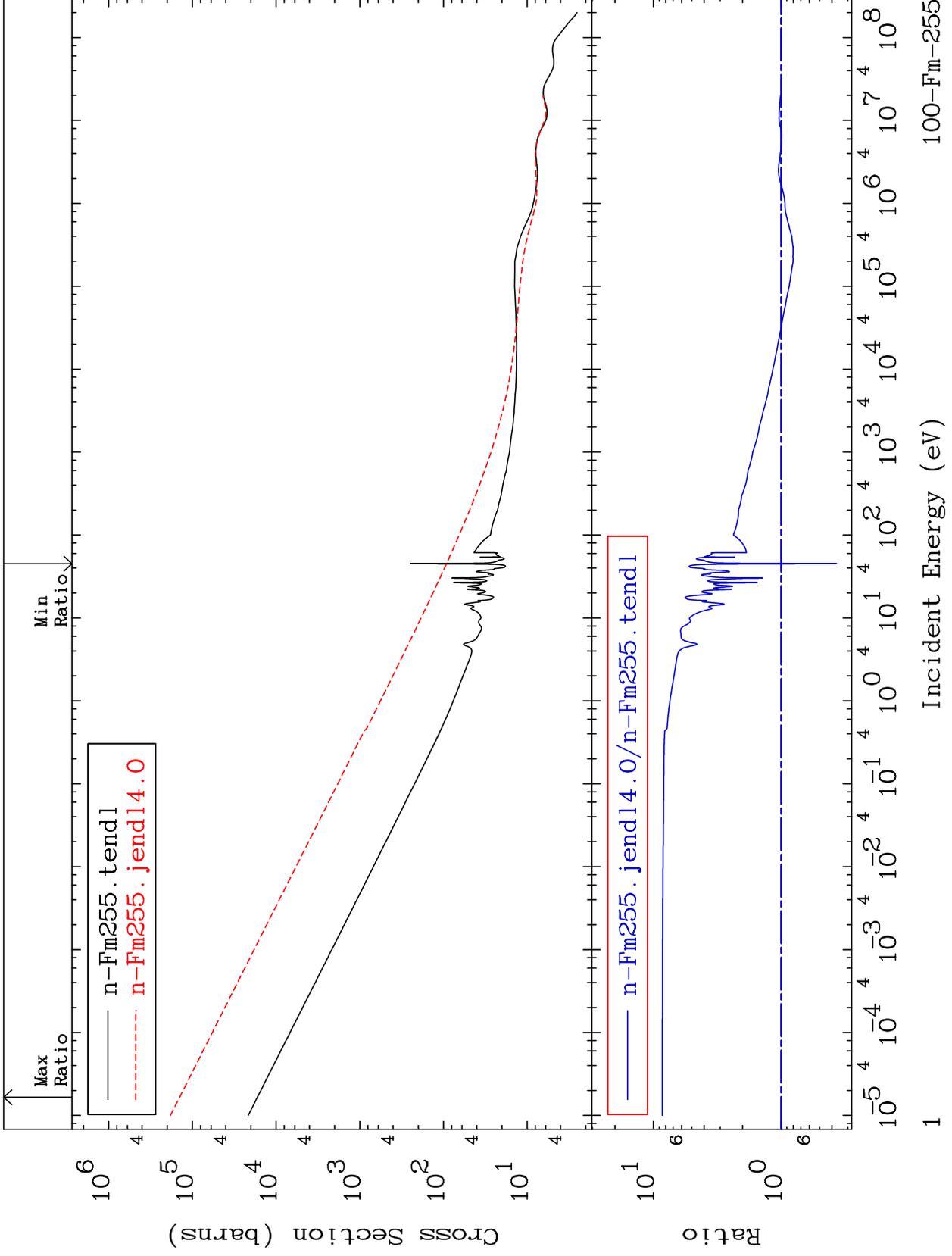
MAT 9936

Total

100-Fm-255

Cross Section

-63.40 To 749.8 %



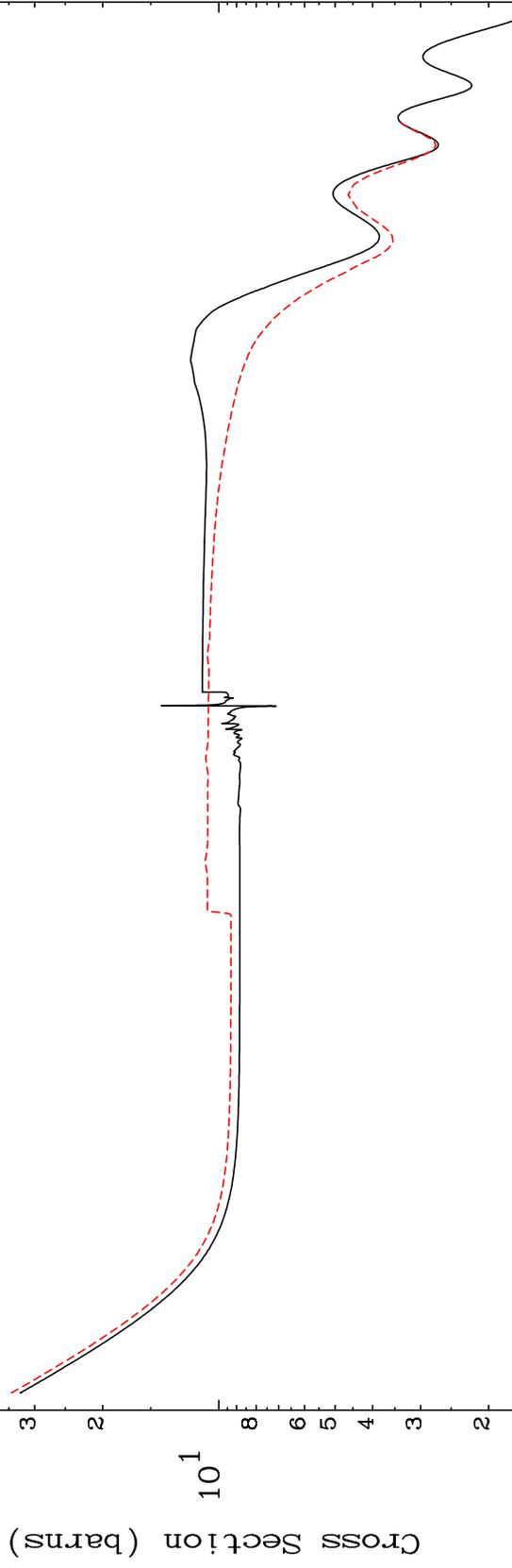
MAT 9936

Elastic
Cross Section

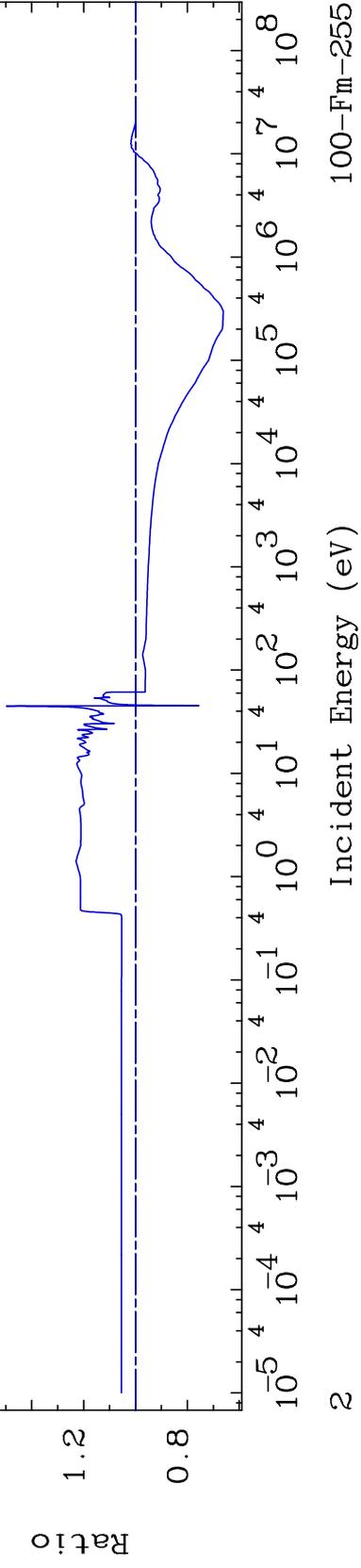
100-Fm-255
-33.84 To 49.85 %

— n-Fm255.tendl
- - - n-Fm255.jendl4.0

Max Ratio
Min Ratio



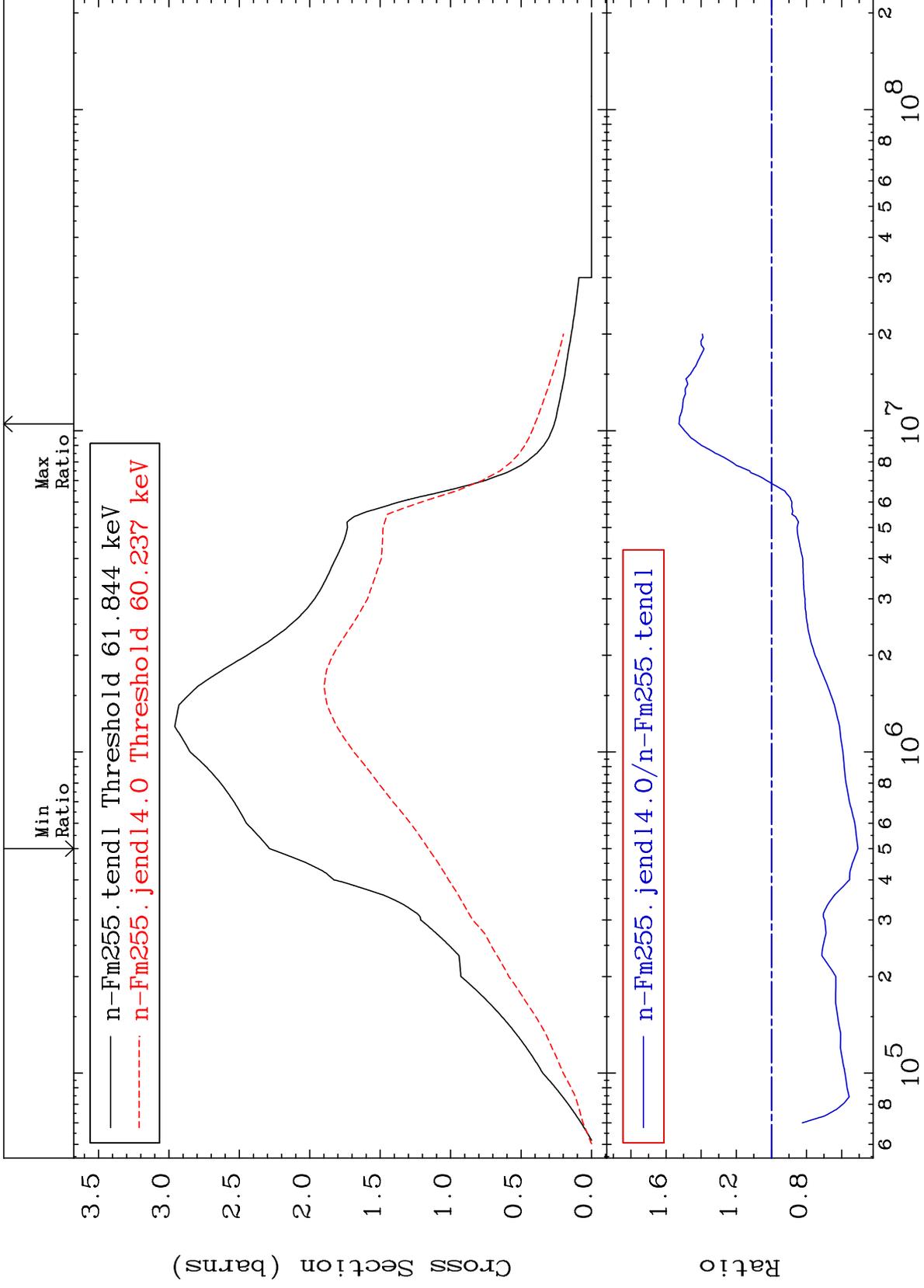
— n-Fm255.jendl4.0/n-Fm255.tendl



MAT 9936

Inelastic
Cross Section

100-Fm-255
-49.28 To 52.60 %



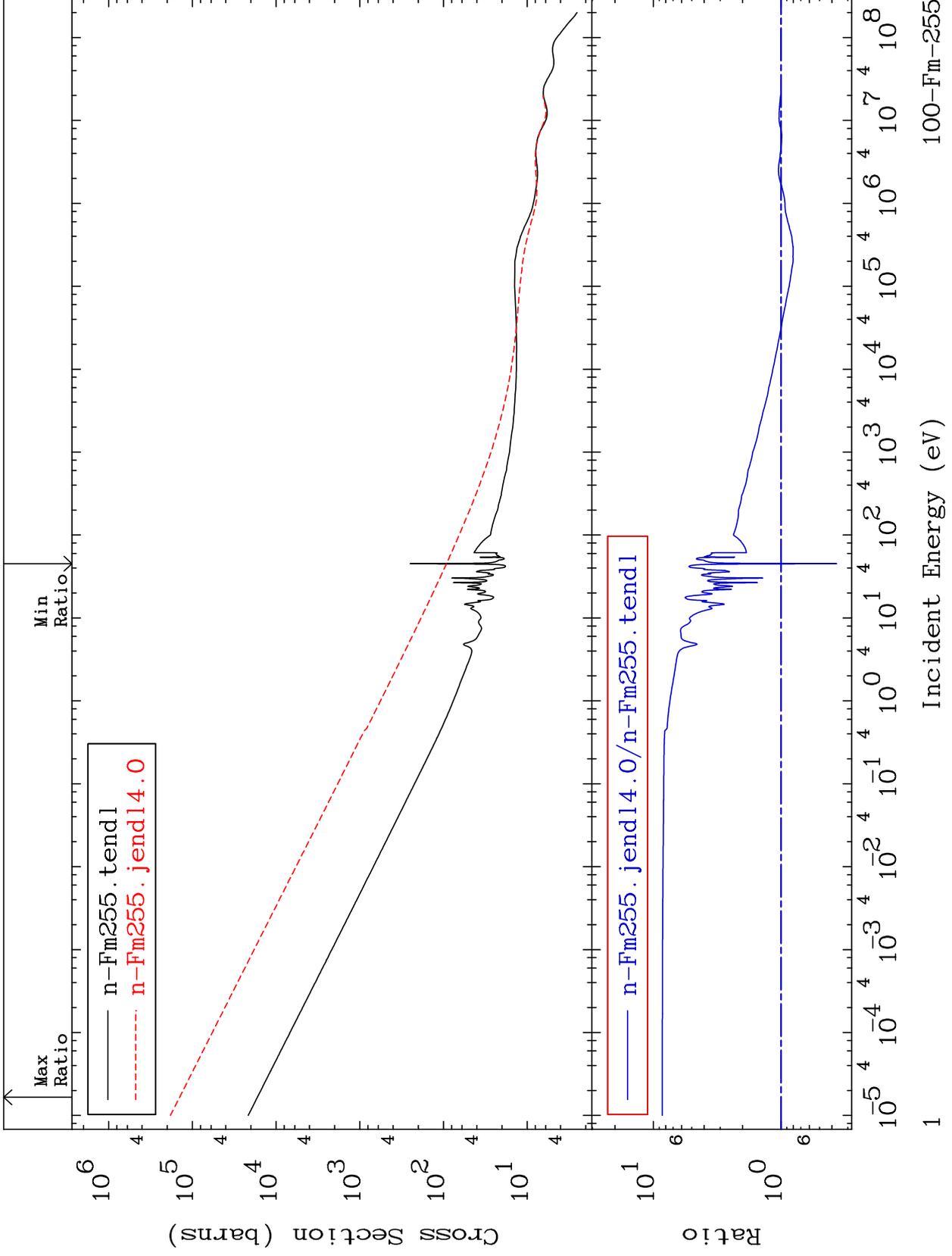
MAT 9936

Total

100-Fm-255

Cross Section

-63.40 To 749.8 %



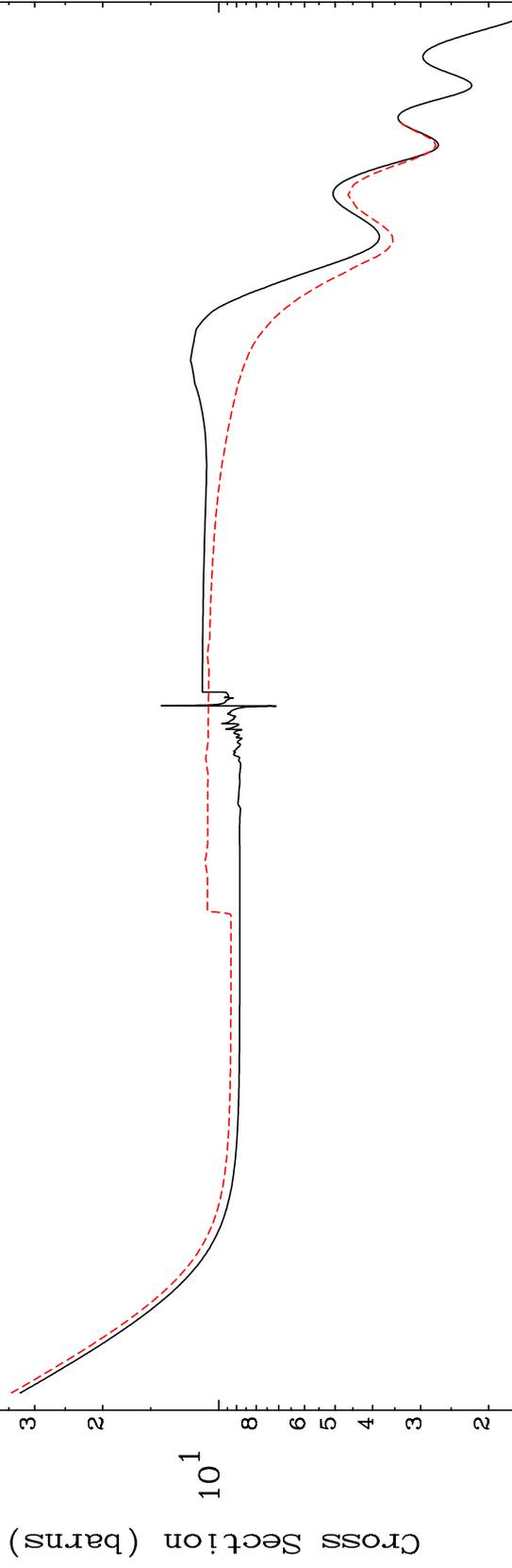
MAT 9936

Elastic
Cross Section

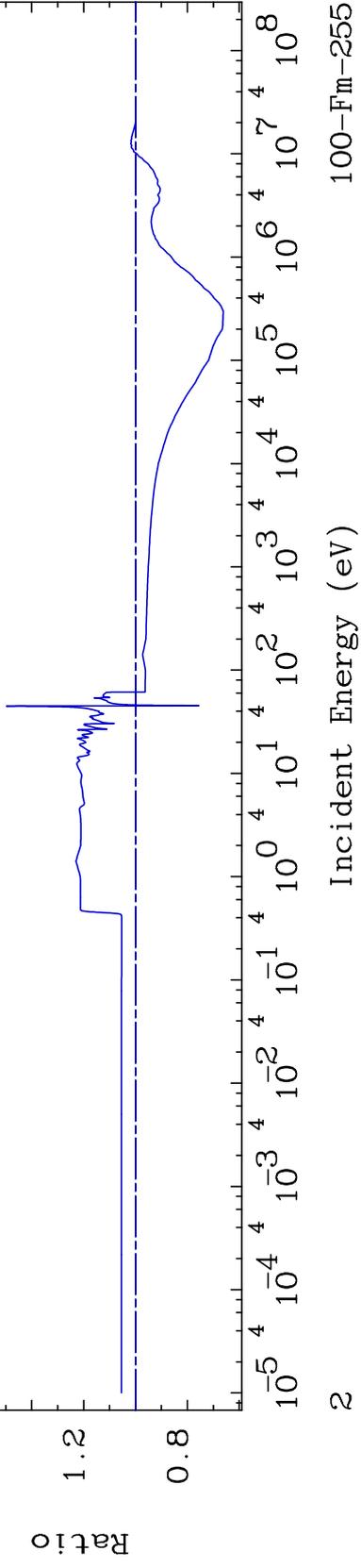
100-Fm-255
-33.84 To 49.85 %

— n-Fm255.tendl
- - - n-Fm255.jendl4.0

Max Ratio
Min Ratio



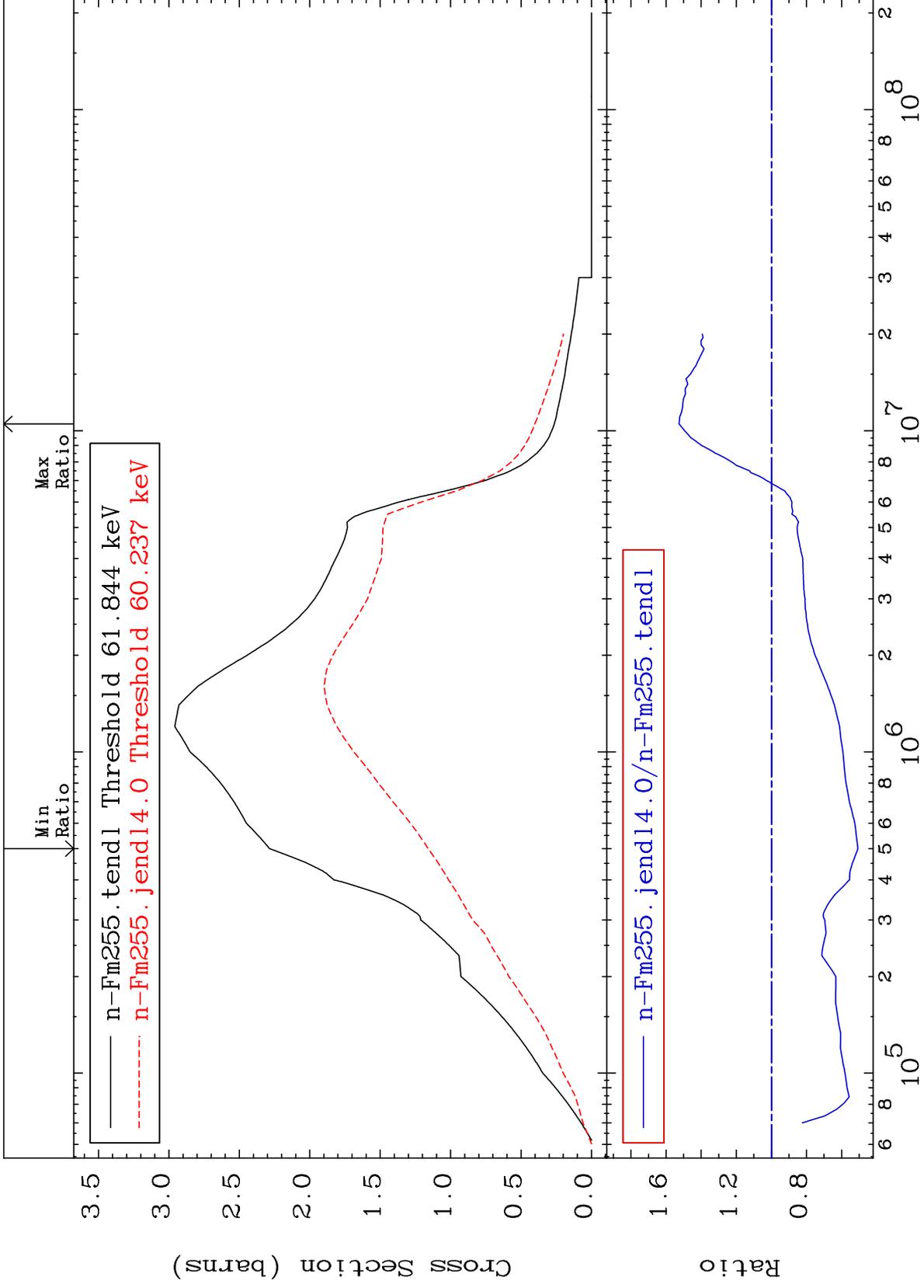
— n-Fm255.jendl4.0/n-Fm255.tendl



MAT 9936

Inelastic
Cross Section

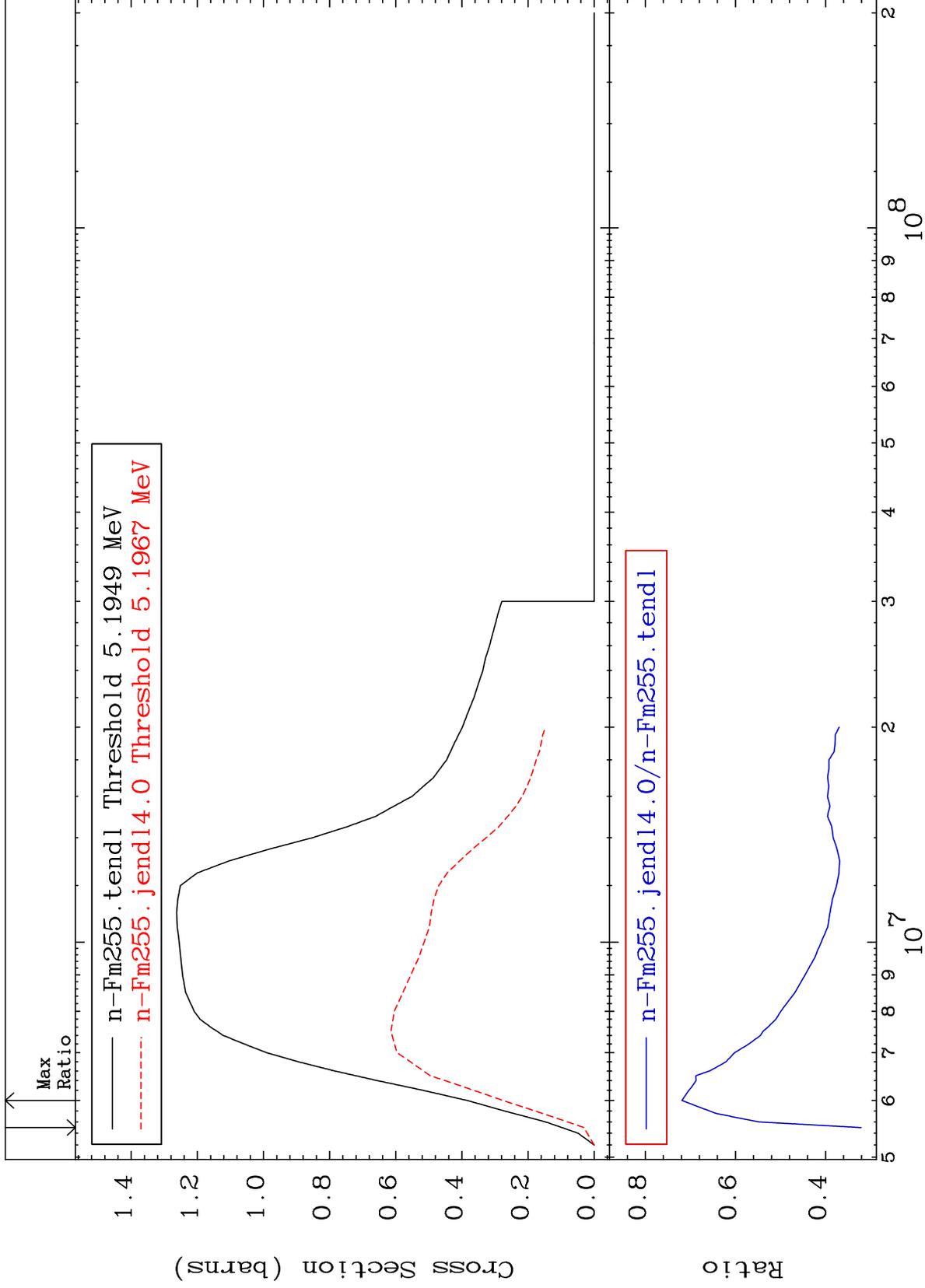
100-Fm-255
-49.28 To 52.60 %



MAT 9936

(n,2n)
Cross Section

100-Fm-255
-67.89 To -28.12%



4

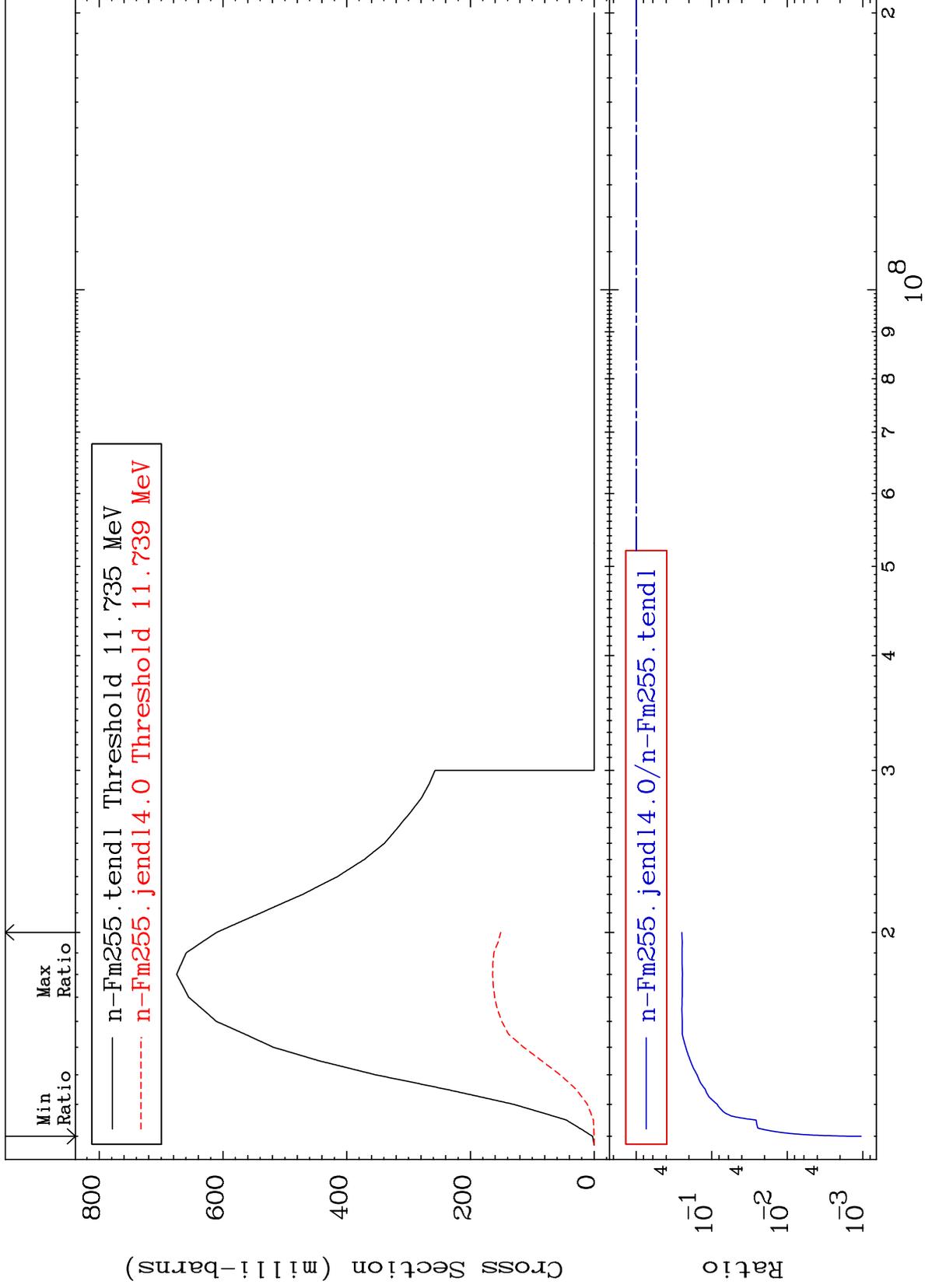
Incident Energy (eV)

100-Fm-255

MAT 9936

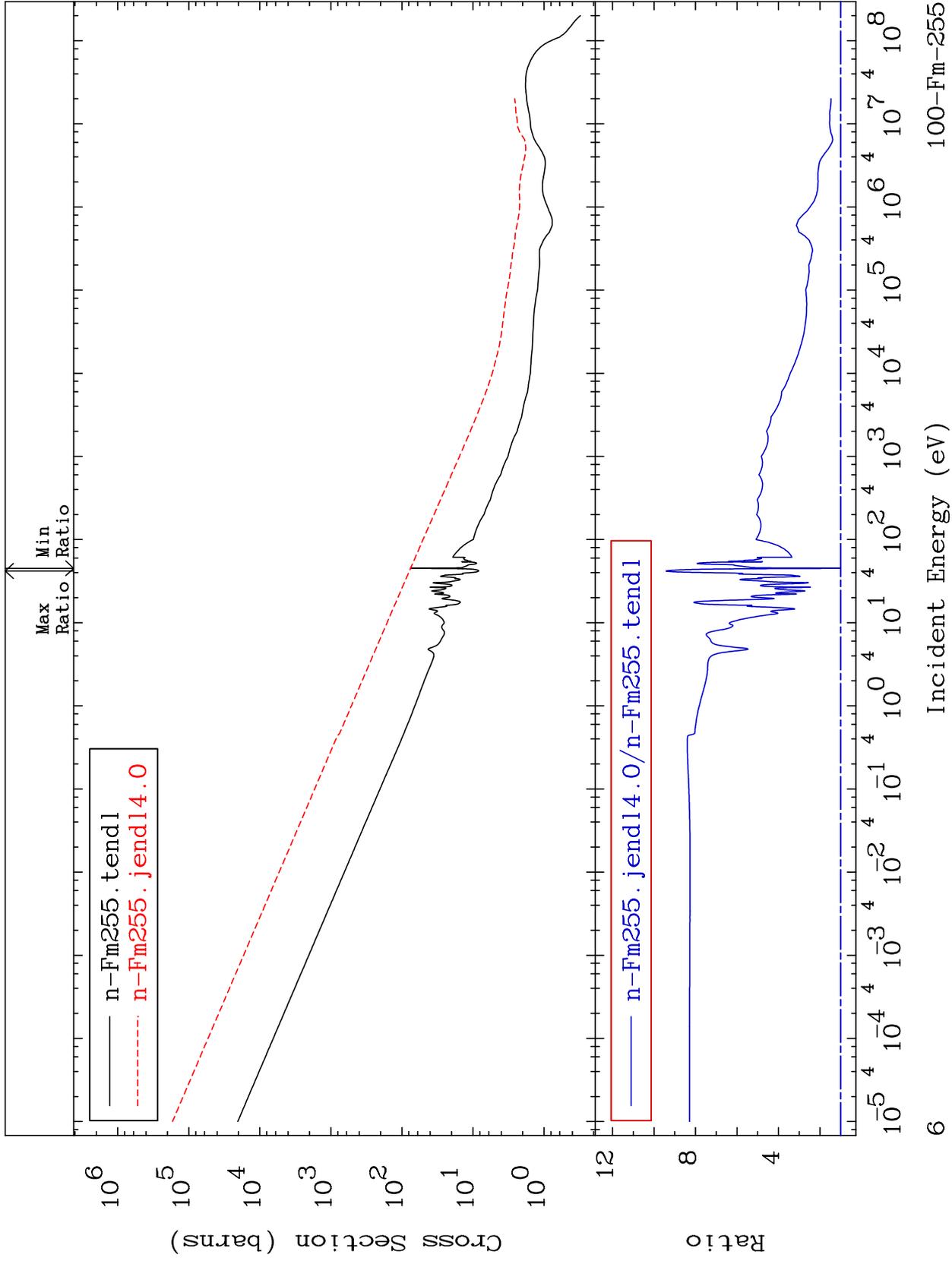
(n,3n)
Cross Section

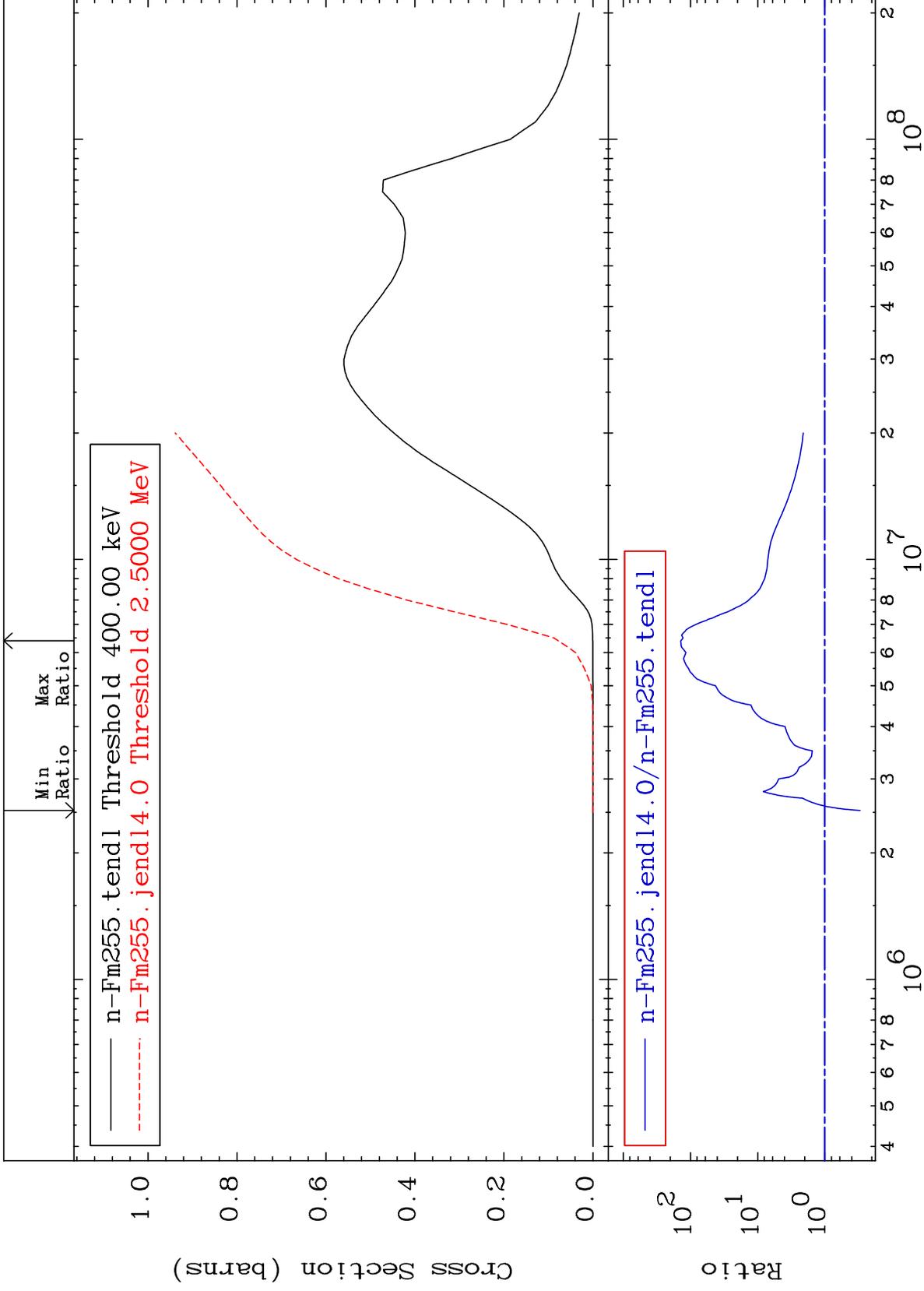
100-Fm-255
-99.90 To -75.26%



MAT 9936

Fission Cross Section
100-Fm-255
-1.530 To 842.5 %

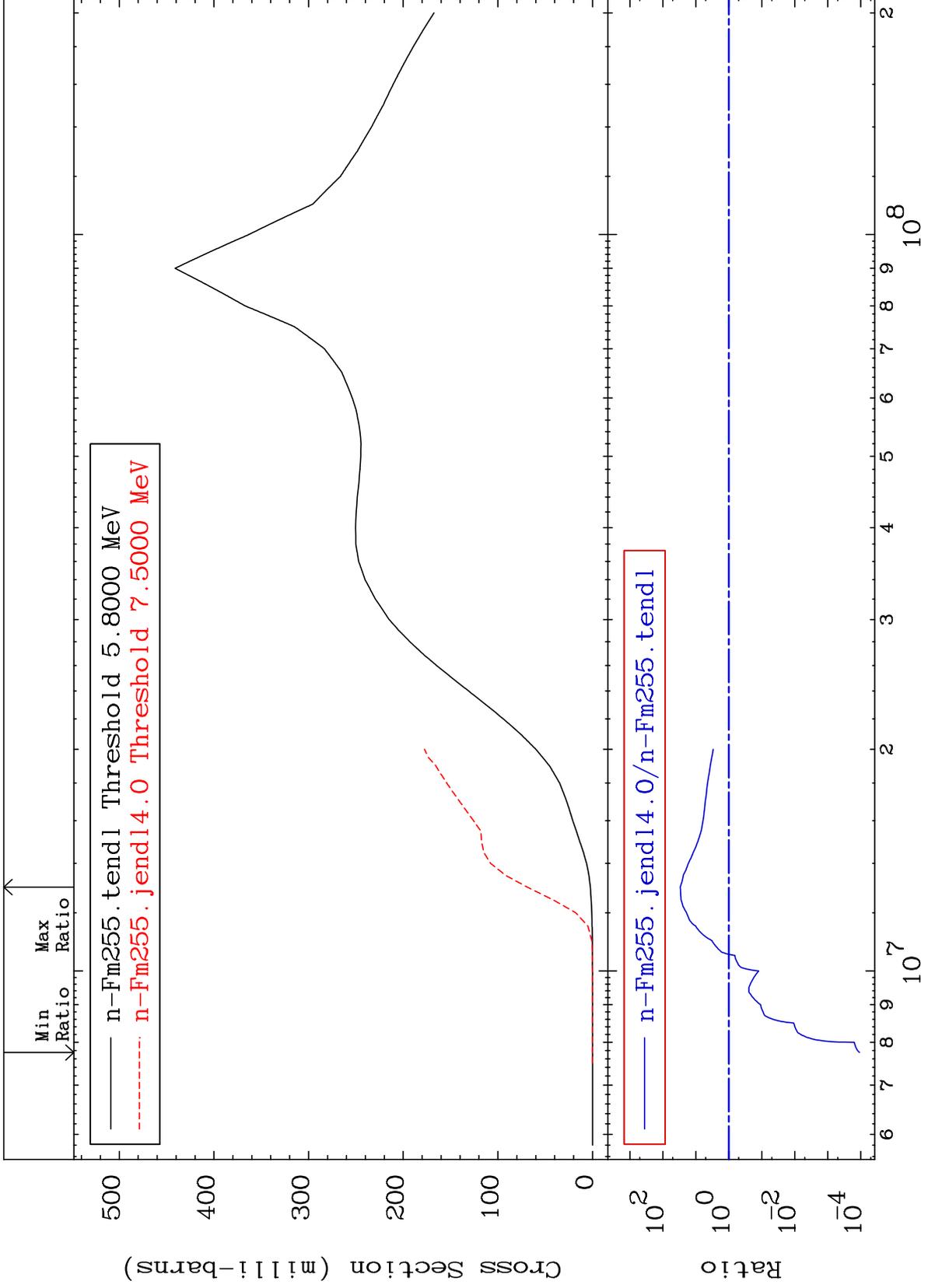




MAT 9936

(n,2nf) Third Chance
Cross Section

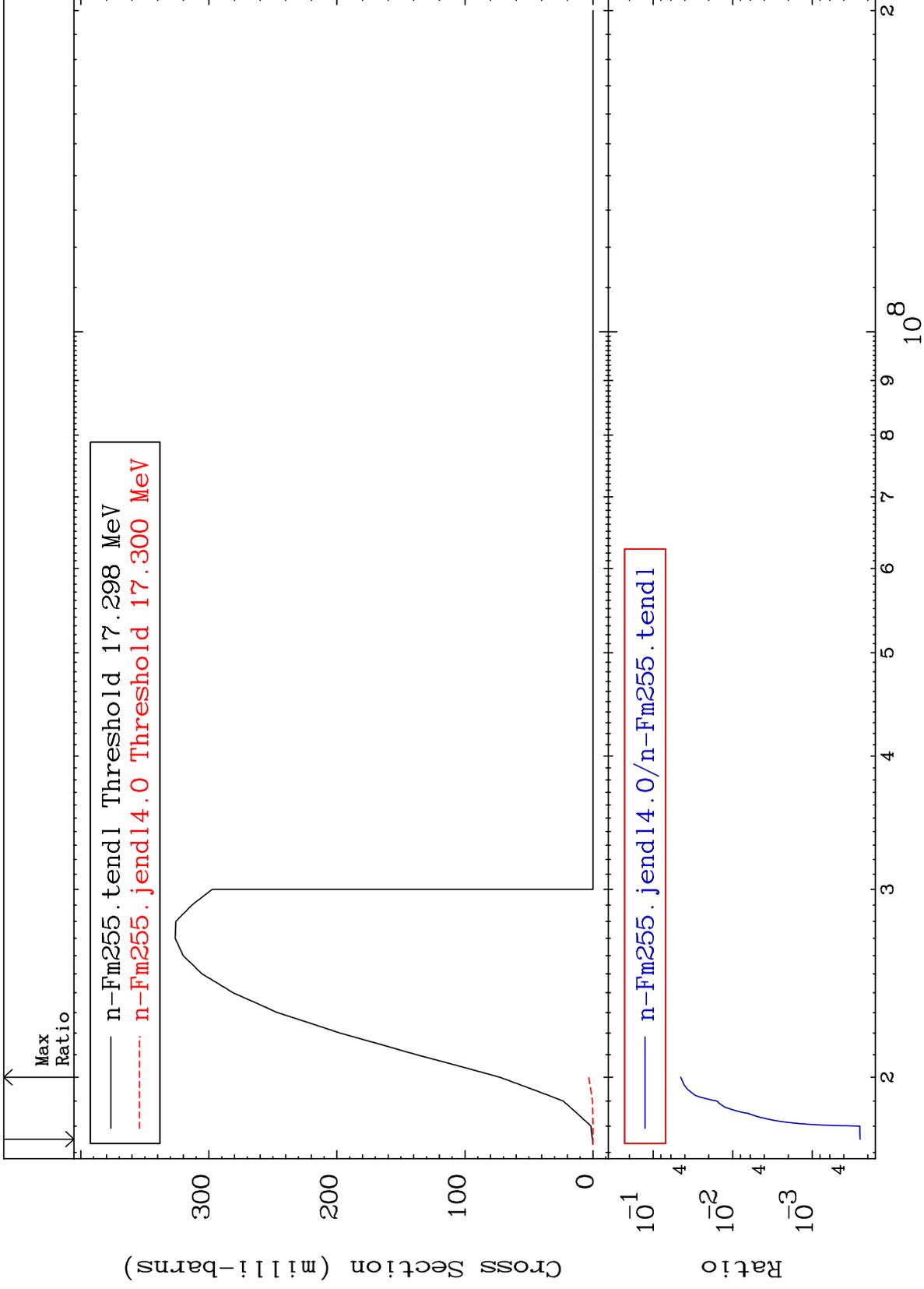
100-Fm-255
-99.99 To 2863. %



MAT 9936

(n,4n)
Cross Section

100-Fm-255
-99.98 To -95.50%



10

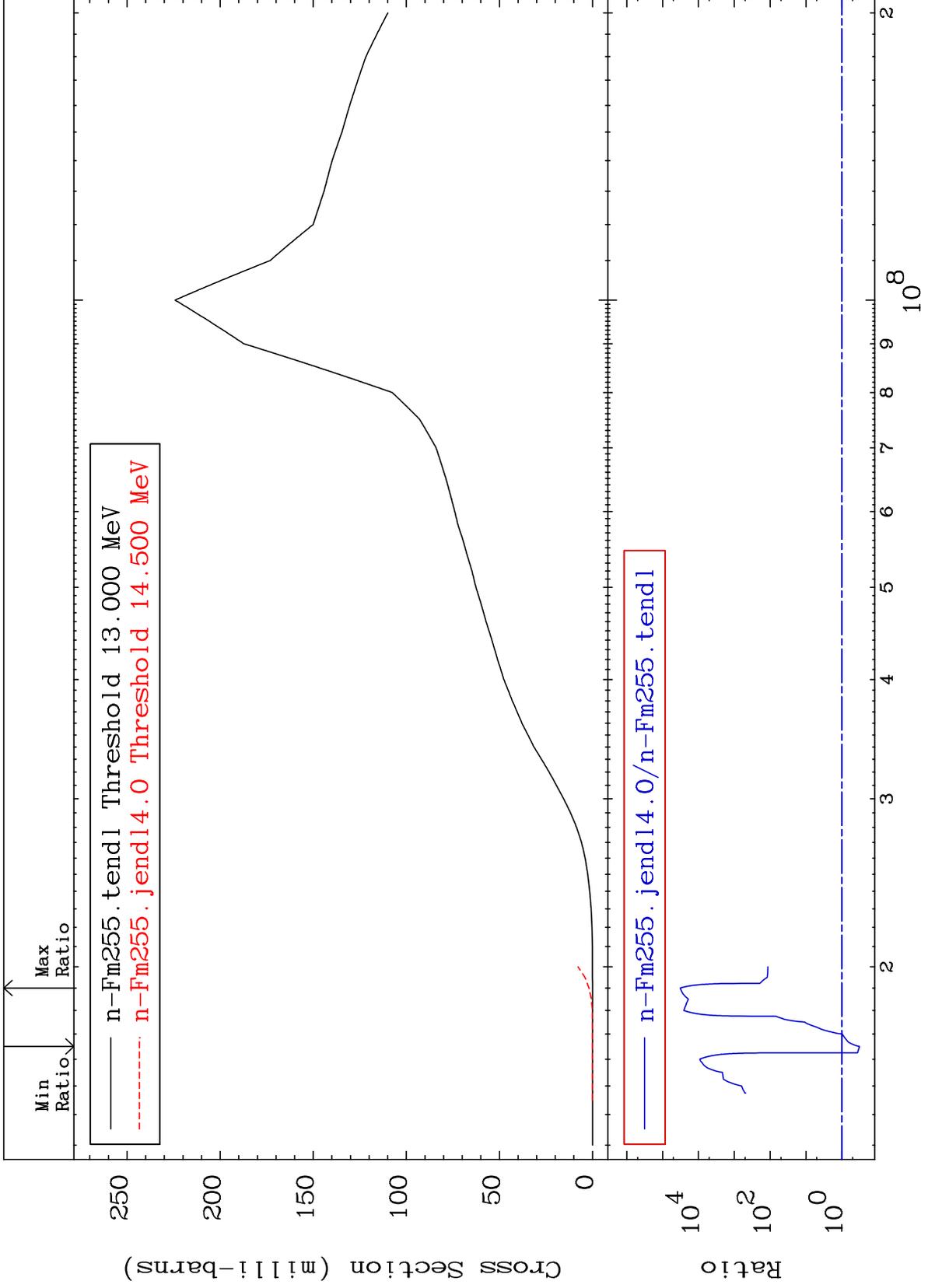
Incident Energy (eV)

100-Fm-255

MAT 9936

(n,3nf) Fourth Chance
Cross Section

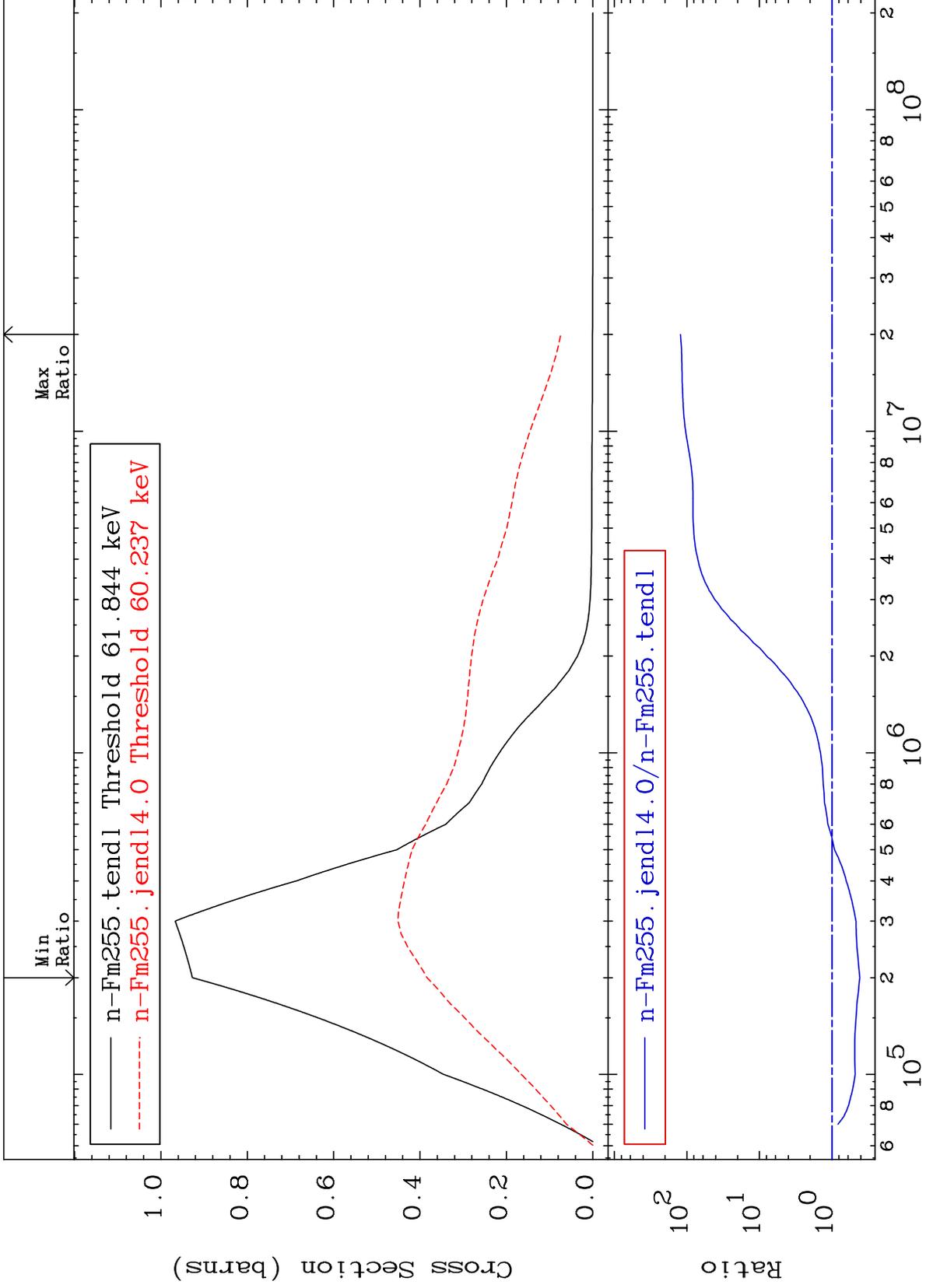
100-Fm-255
-67.94 To 9999. %



MAT 9936

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

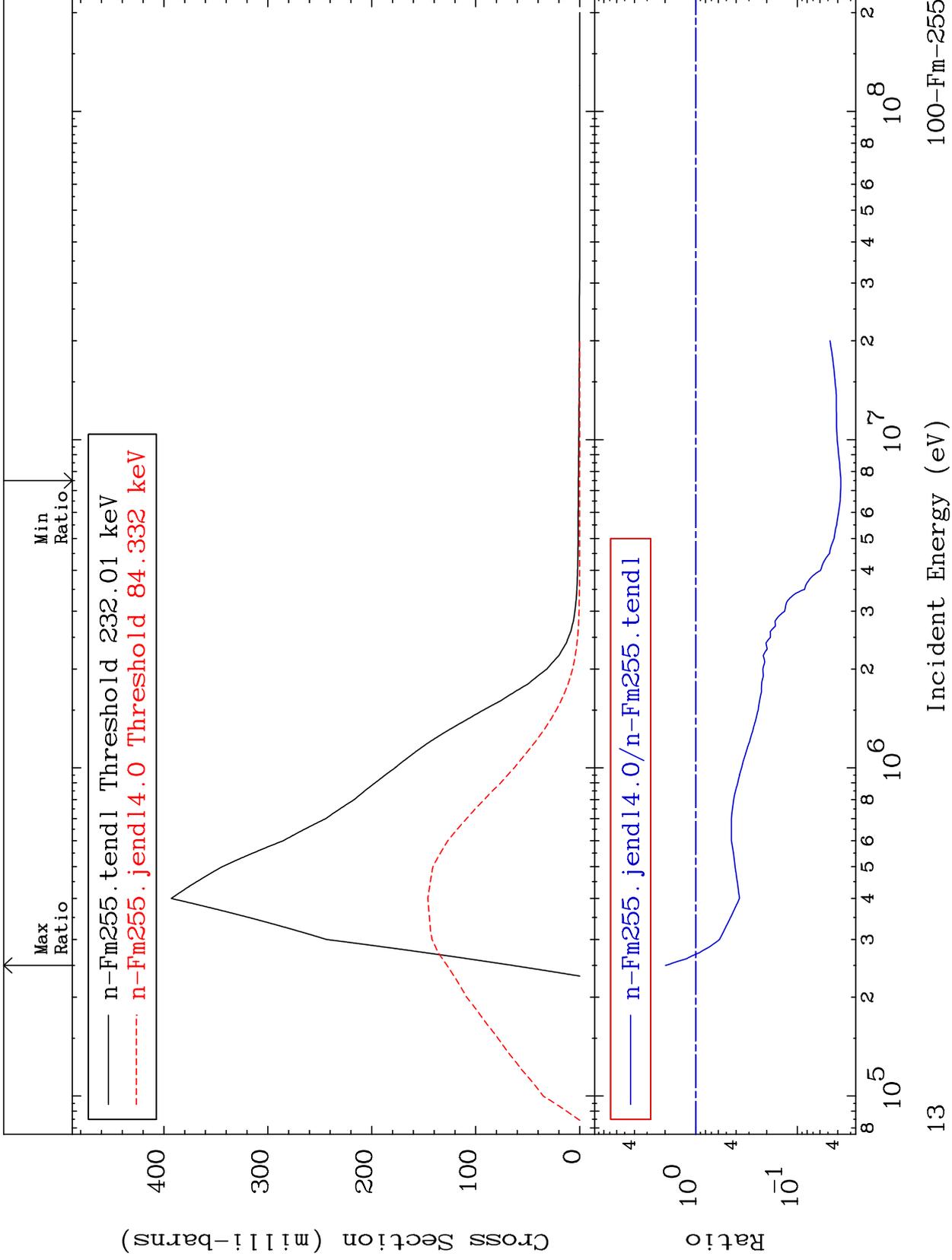
100-Fm-255
-58.62 To 9999. %



MAT 9936

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

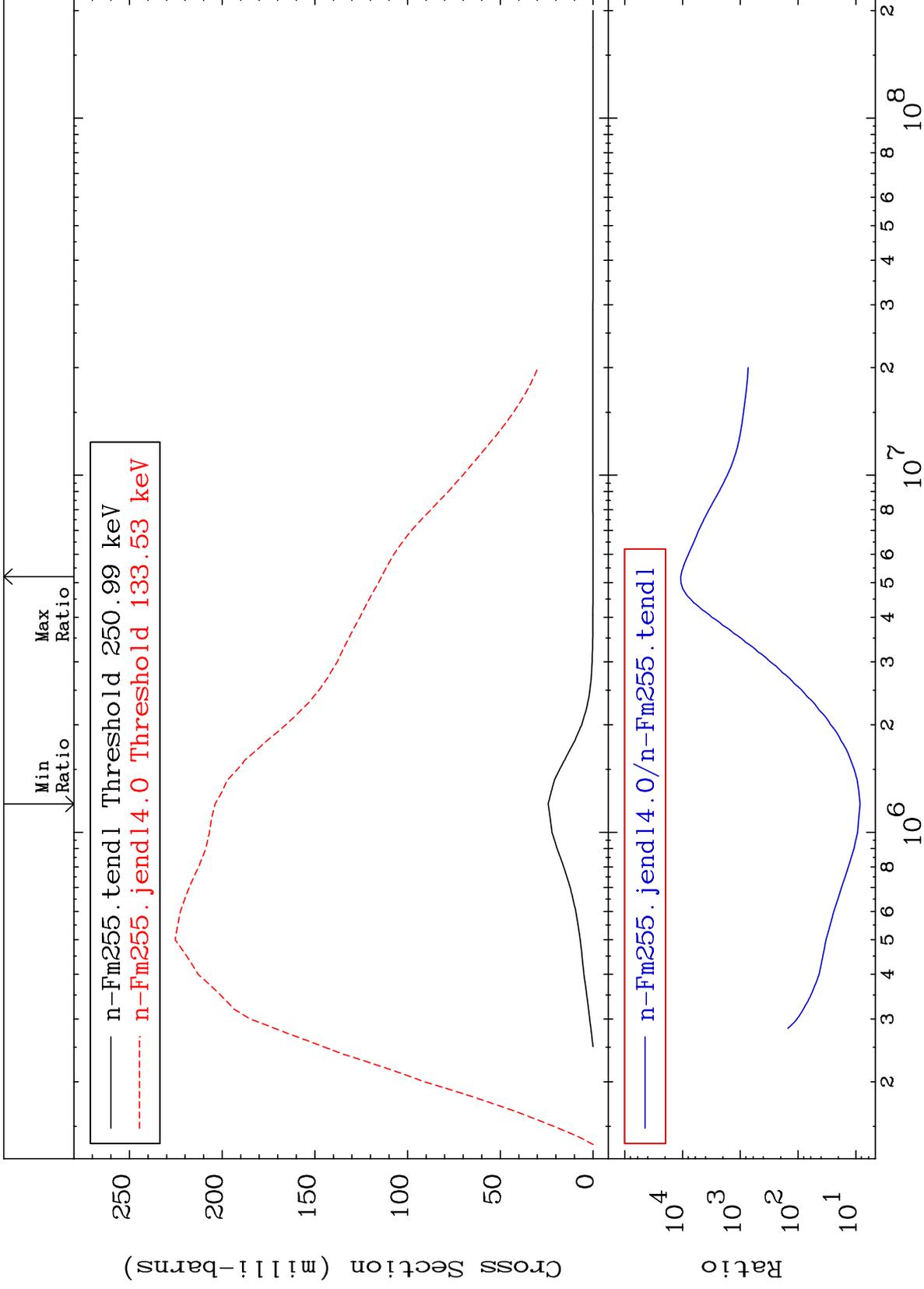
100-Fm-255
-96.26 To 98.11 %



MAT 9936

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

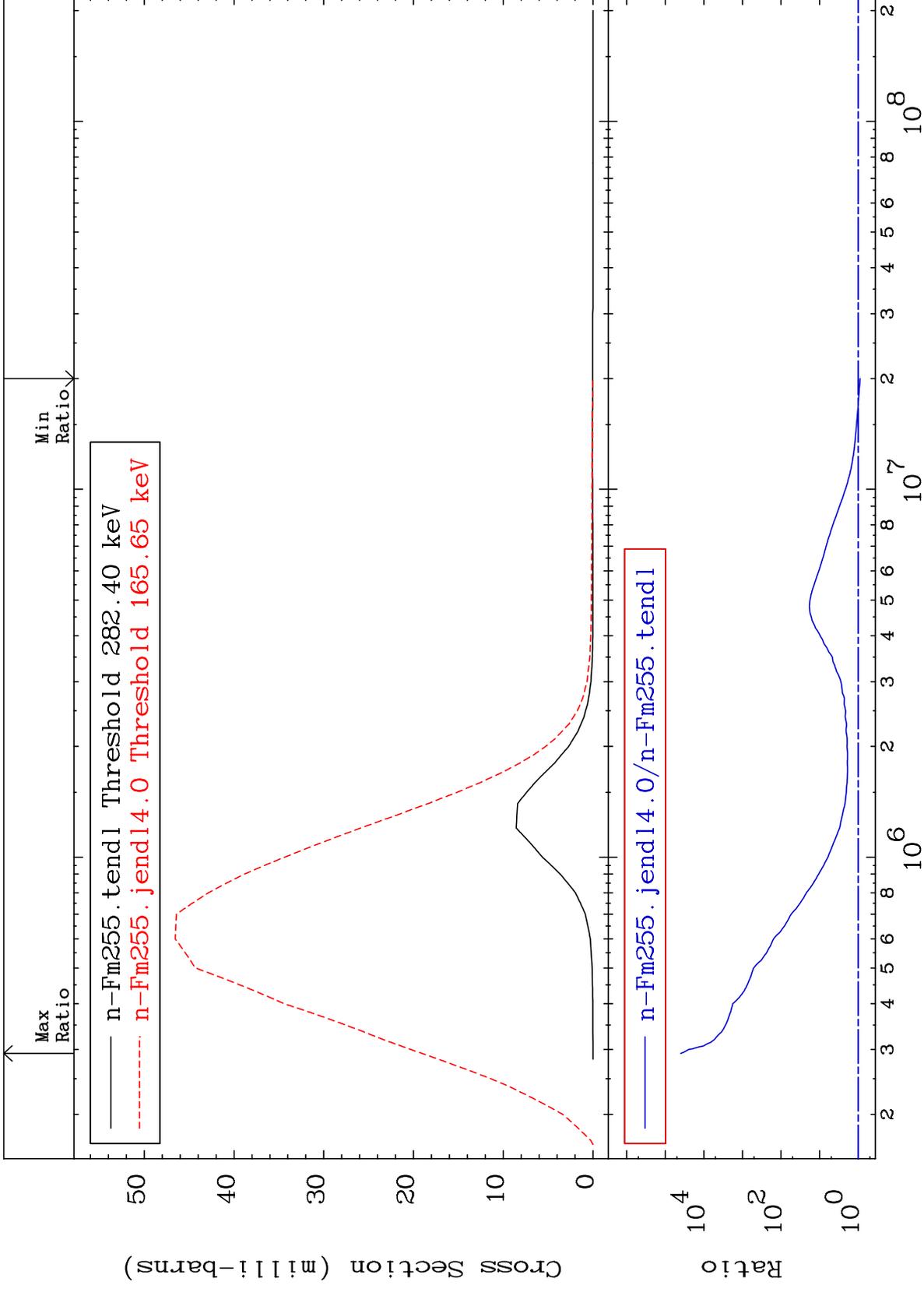
100-Fm-255
743.7 To 9999. %



MAT 9936

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

100-Fm-255
-10.61 To 9999. %



15

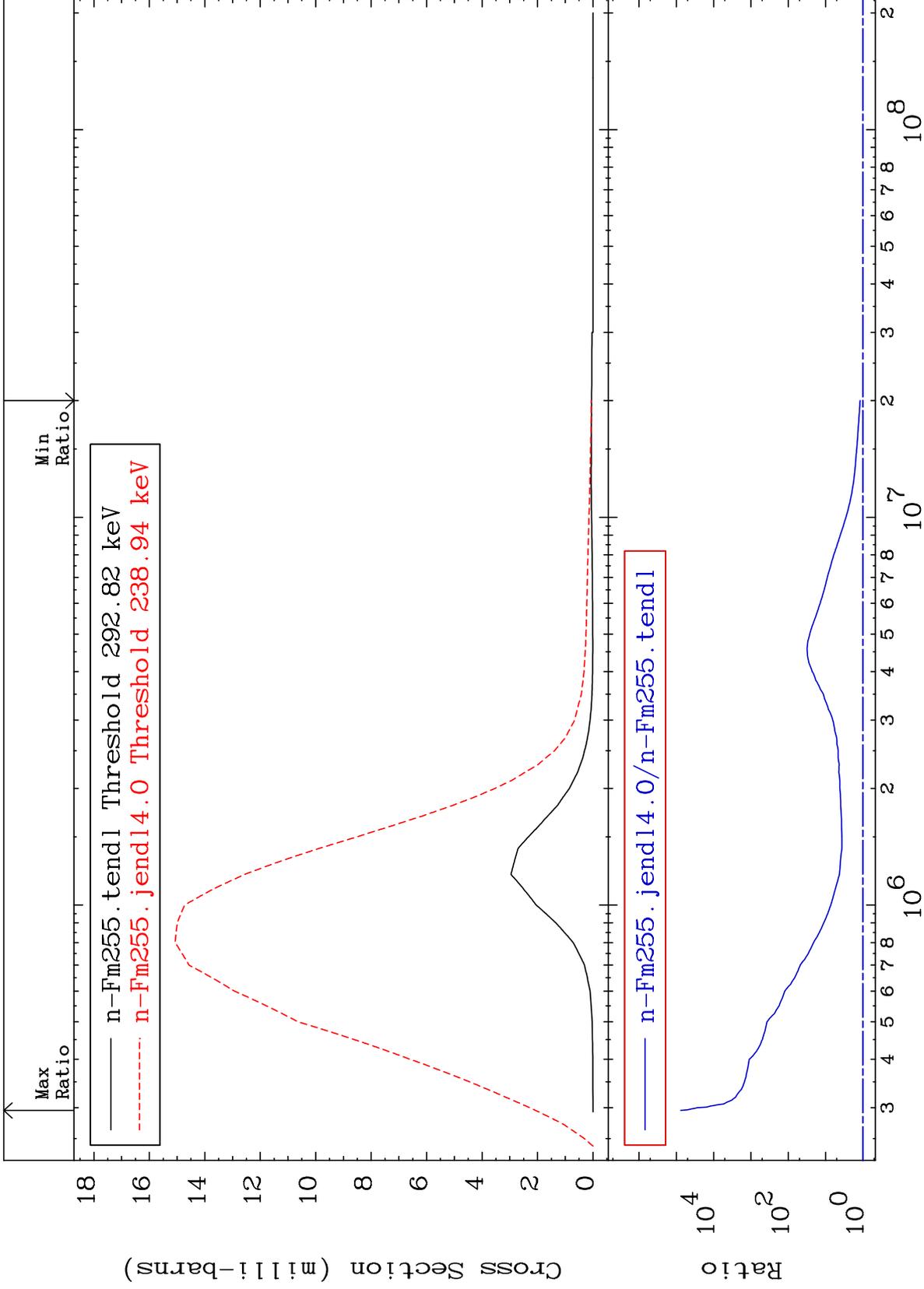
Incident Energy (eV)

100-Fm-255

MAT 9936

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

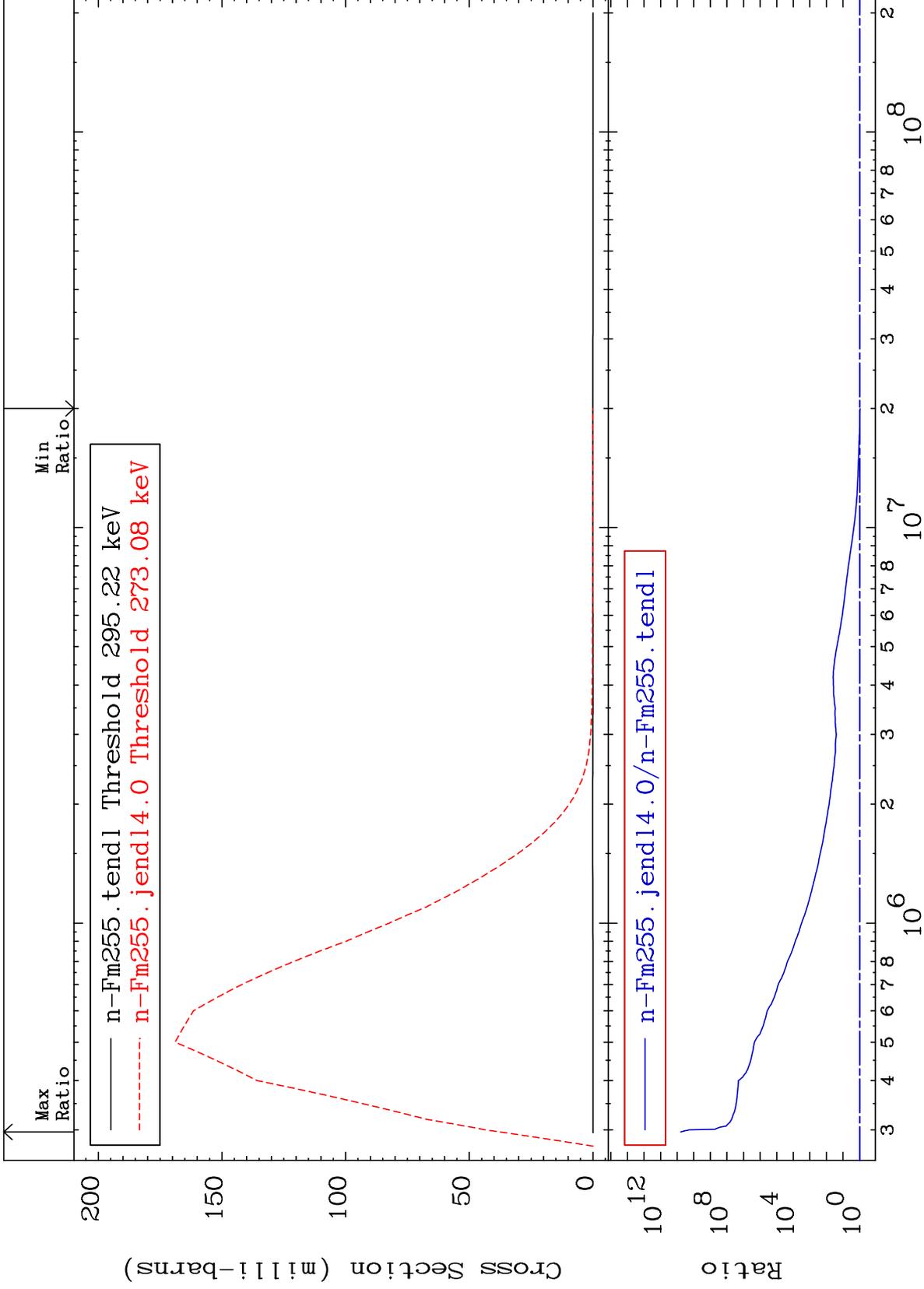
100-Fm-255
18.78 To 9999. %



MAT 9936

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

100-Fm-255
-6.847 To 9999. %



17

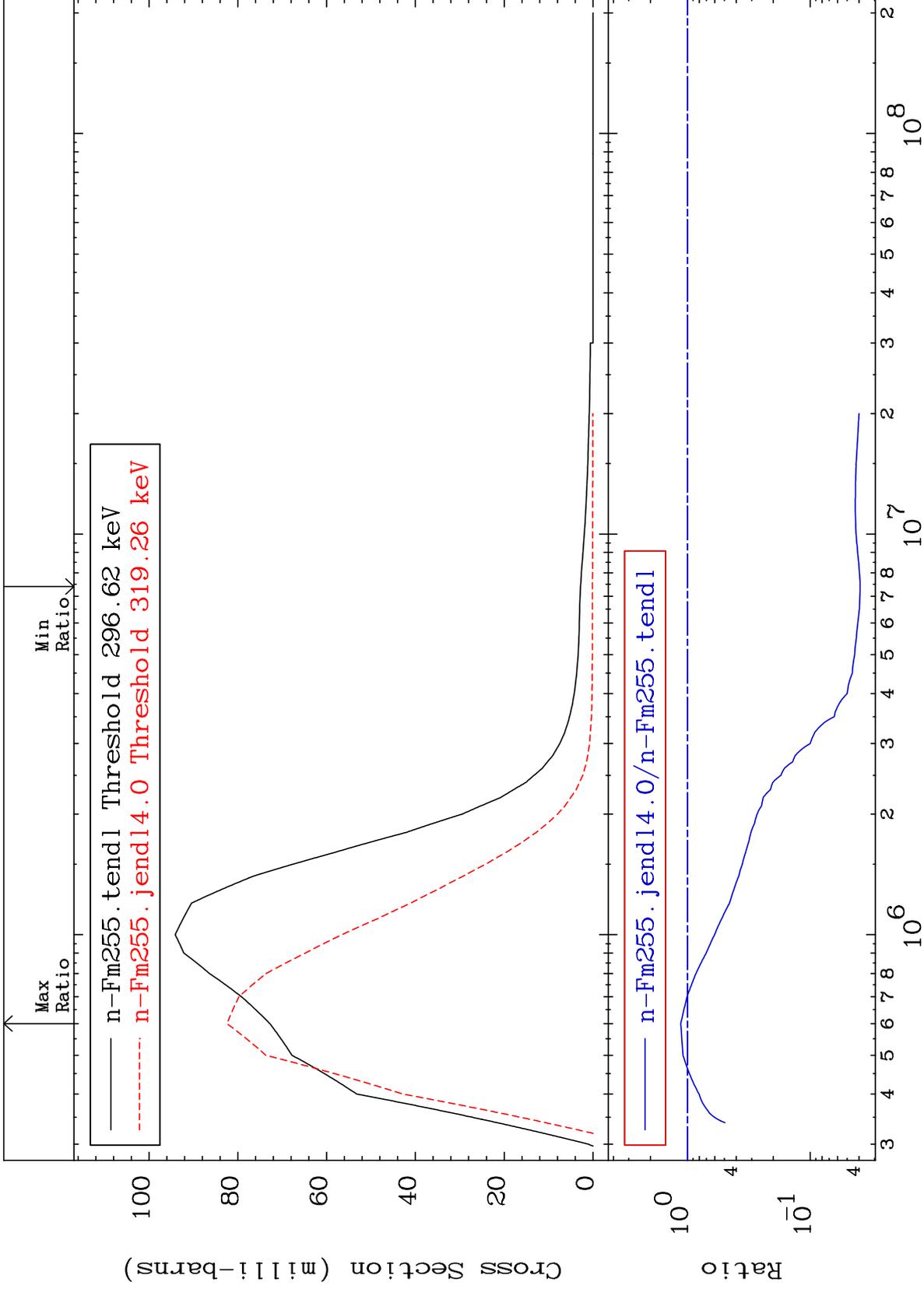
Incident Energy (eV)

100-Fm-255

MAT 9936

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

100-Fm-255
-96.07 To 13.27 %



18

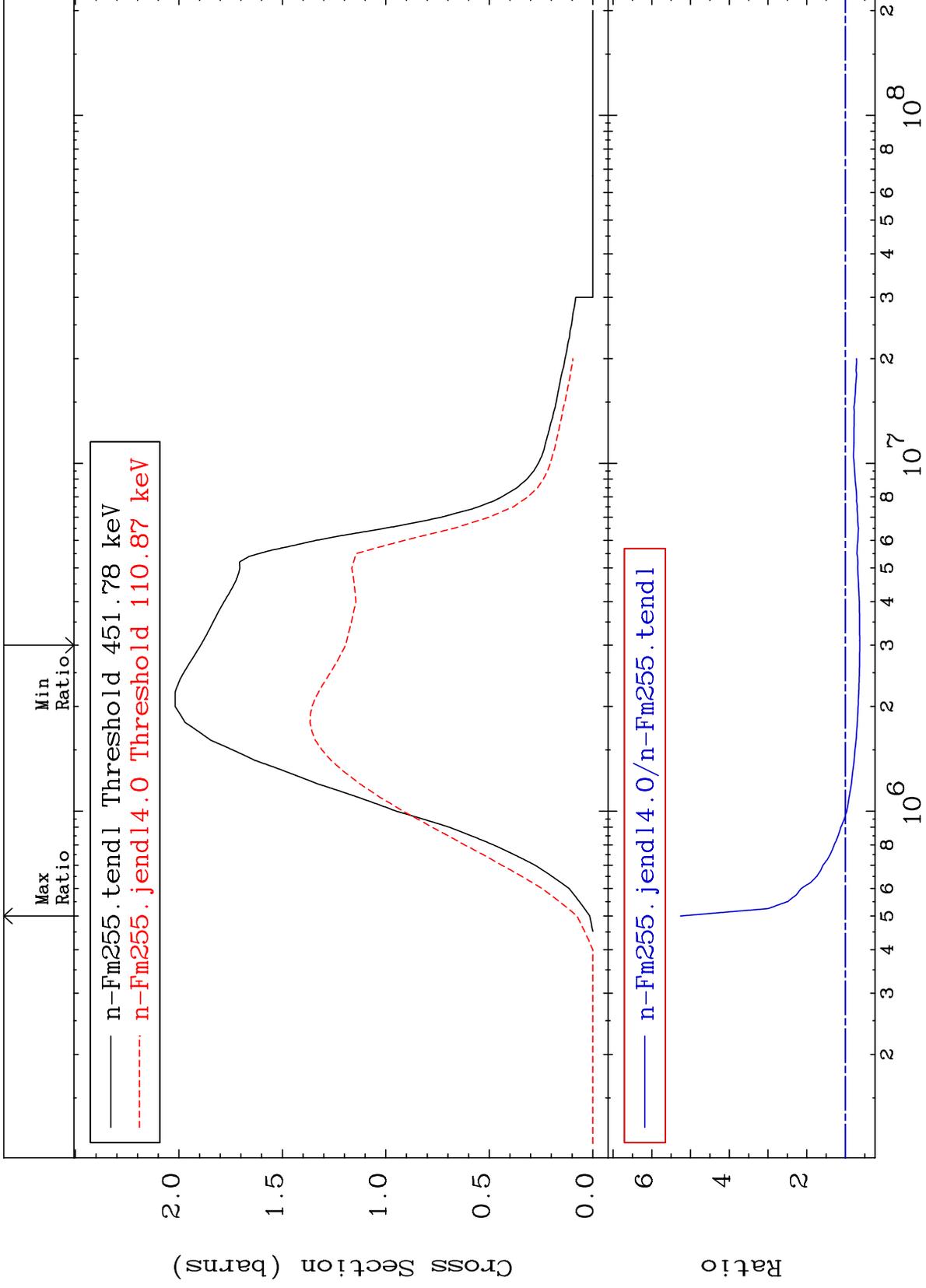
Incident Energy (eV)

100-Fm-255

MAT 9936

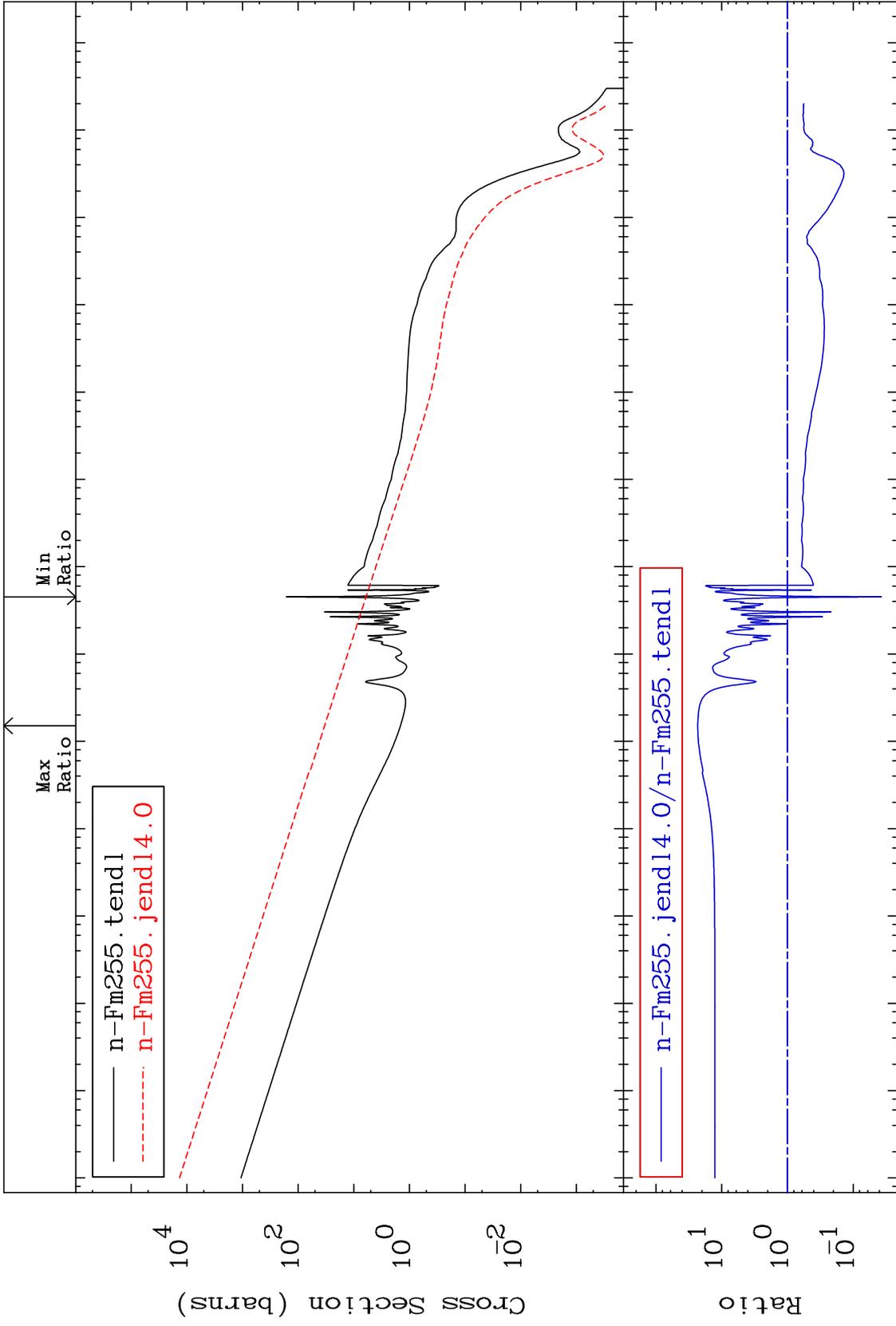
(n, n') Continuum
Cross Section

100-Fm-255
-36.96 To 425.9 %



MAT 9936

(n, γ)
Cross Section
100-Fm-255
-96.30 To 2212. %



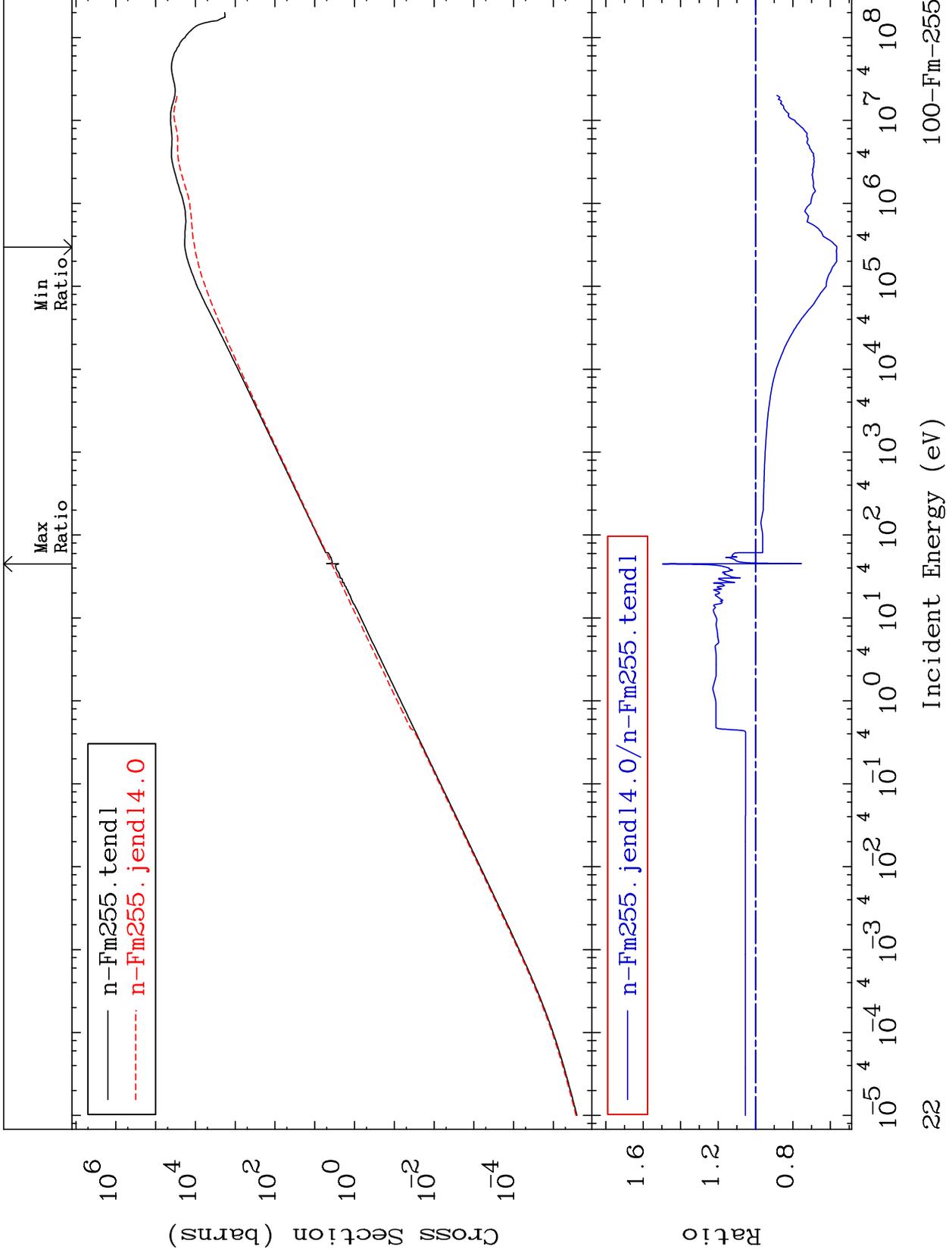
20

100-Fm-255

MAT 9936

Kerma elastic
Cross Section

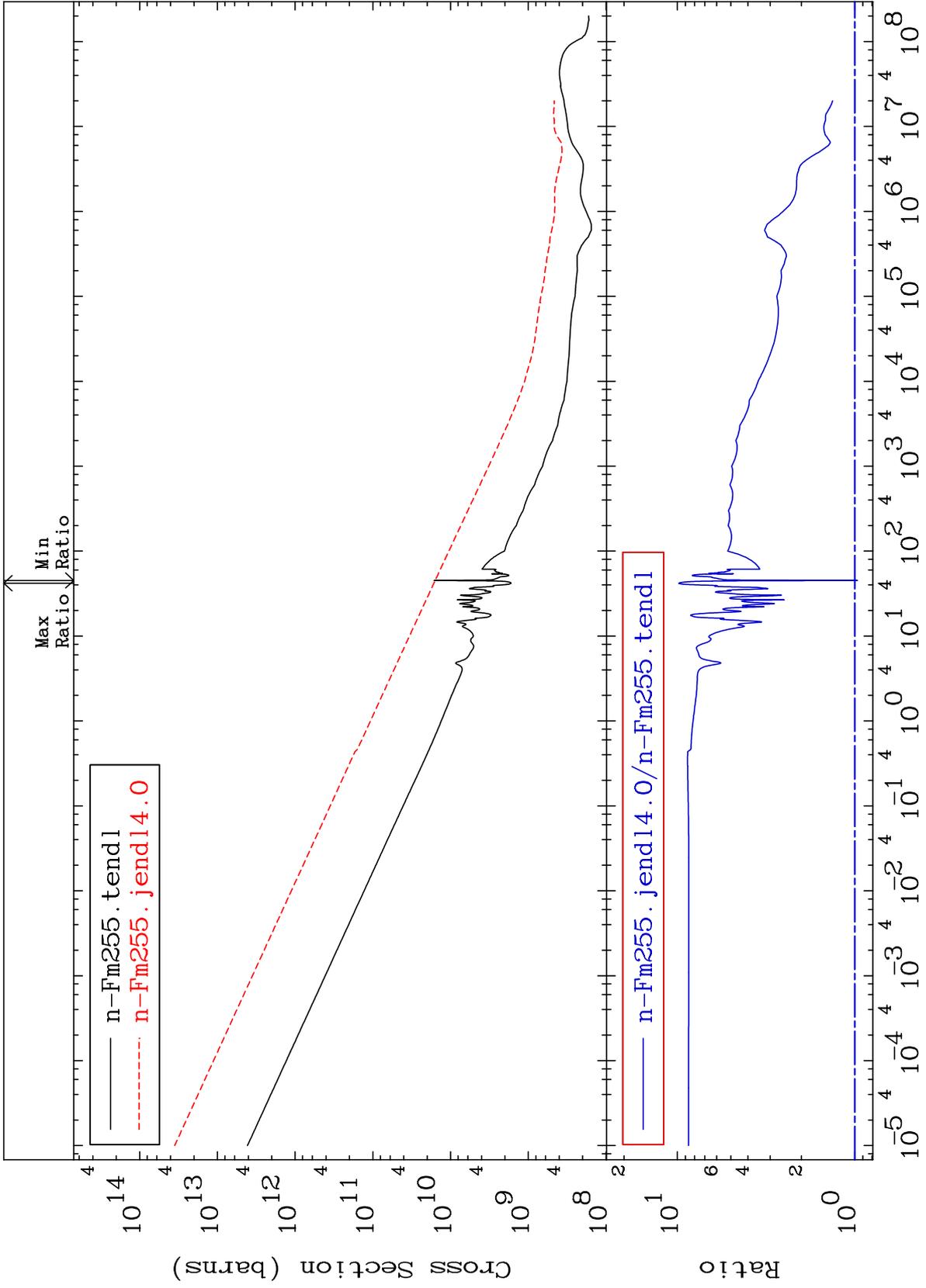
100-Fm-255
-43.42 To 49.77 %



MAT 9936

Kerma non-elastic (all but mt2)
Cross Section

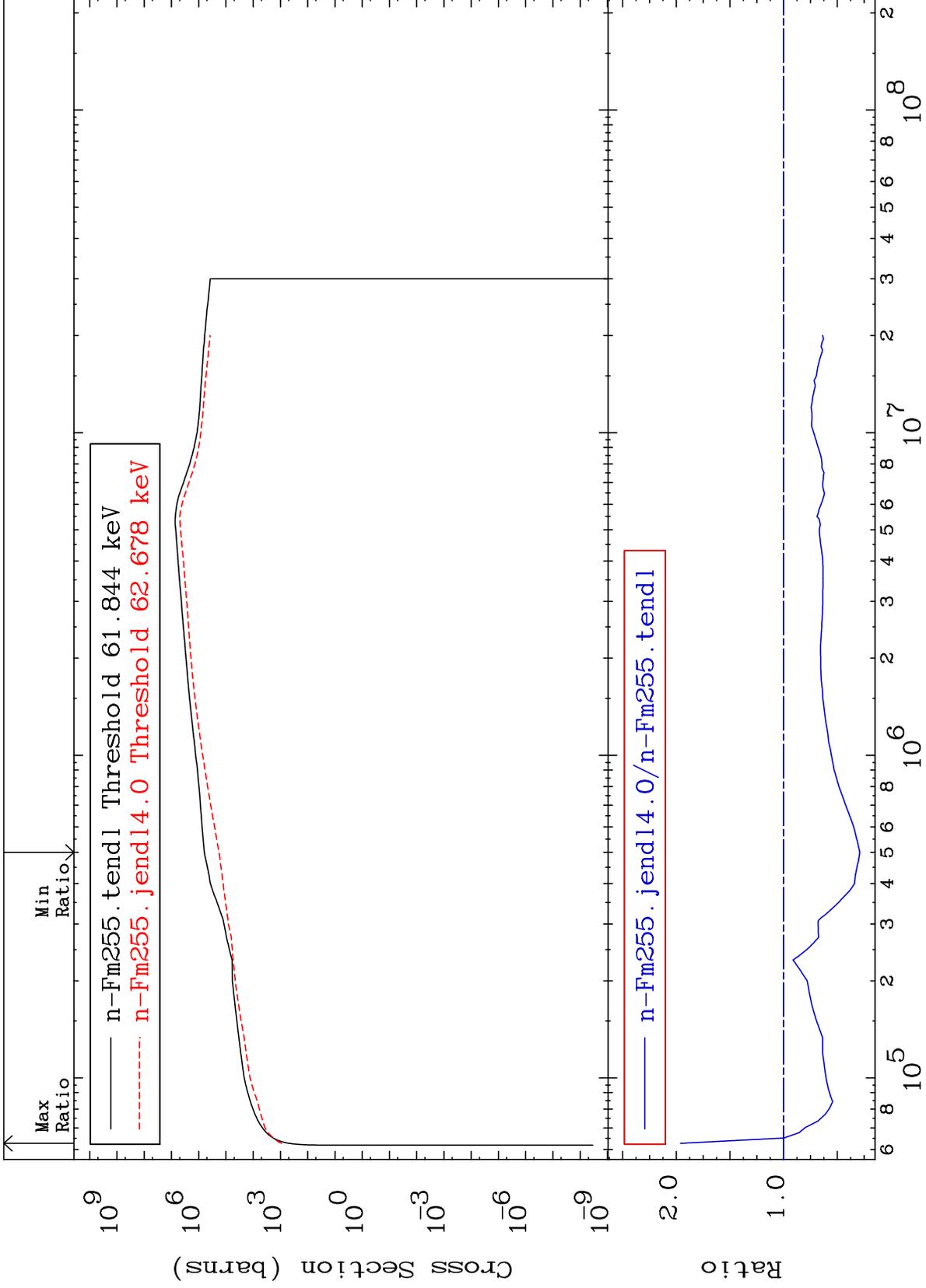
100-Fm-255
-3.709 To 881.4 %



MAT 9936

Kerma inelastic (mt51-91)
Cross Section

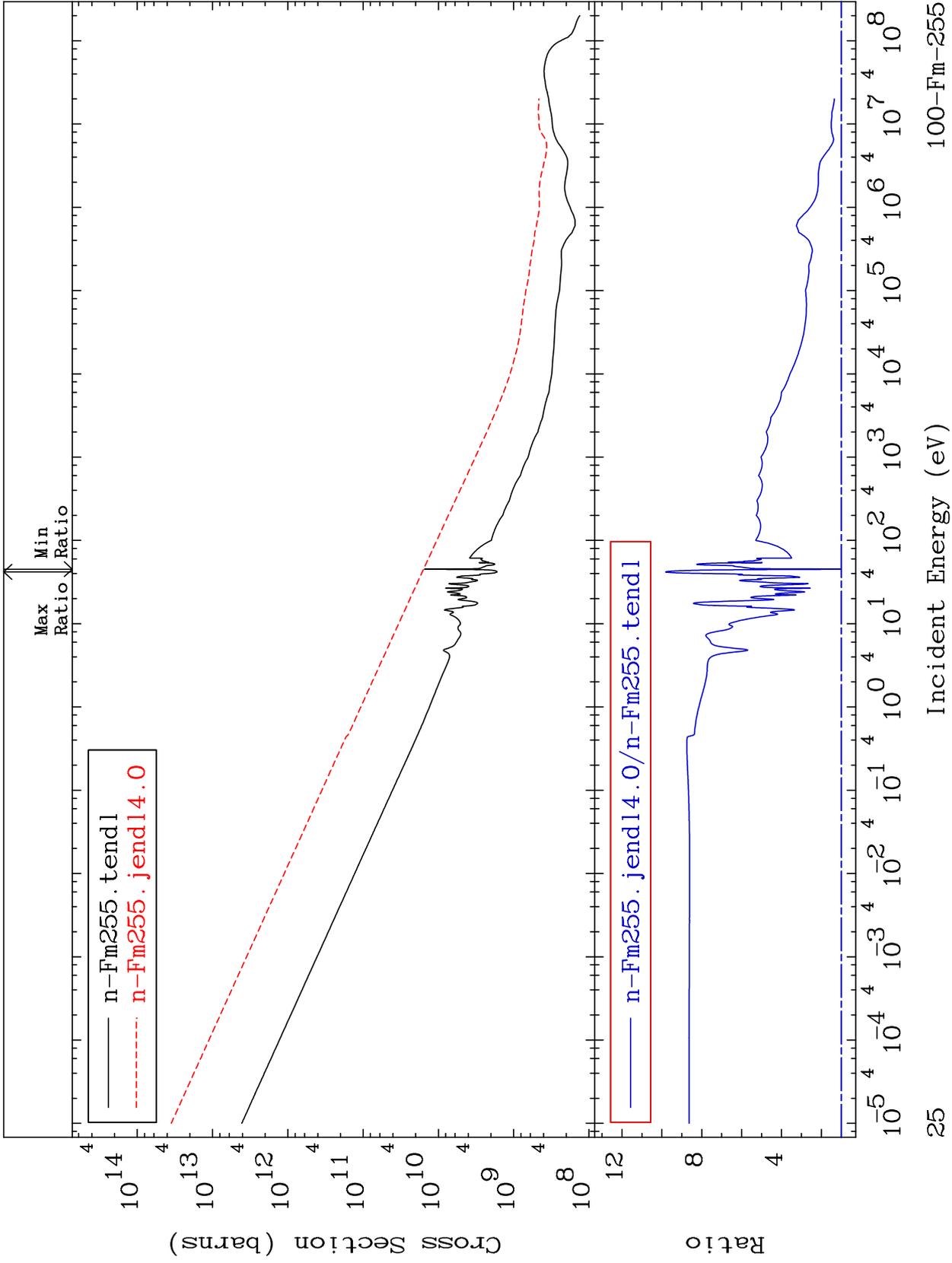
100-Fm-255
-70.97 To 96.09 %

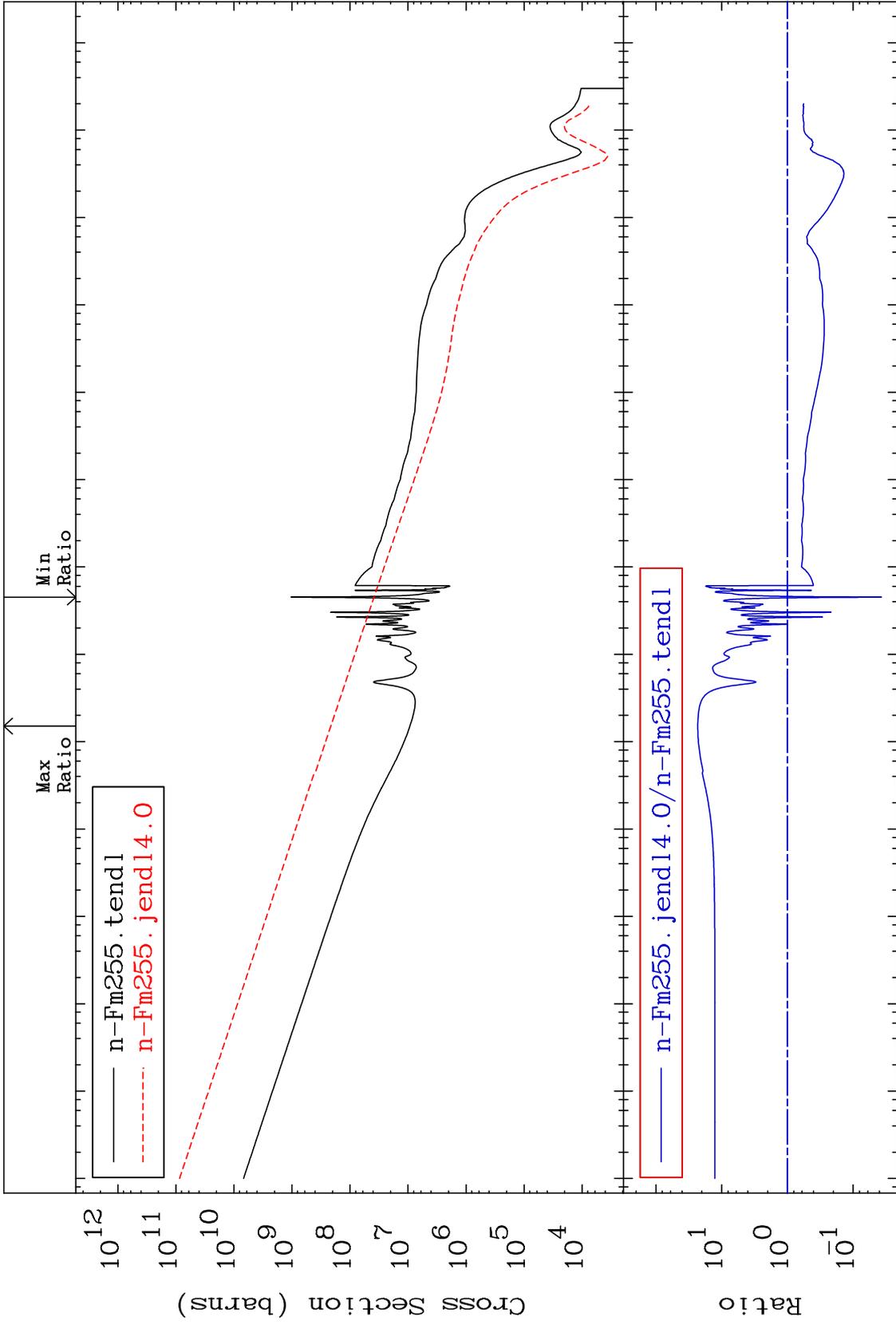


MAT 9936

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

100-Fm-255
2.576 To 881.8 %

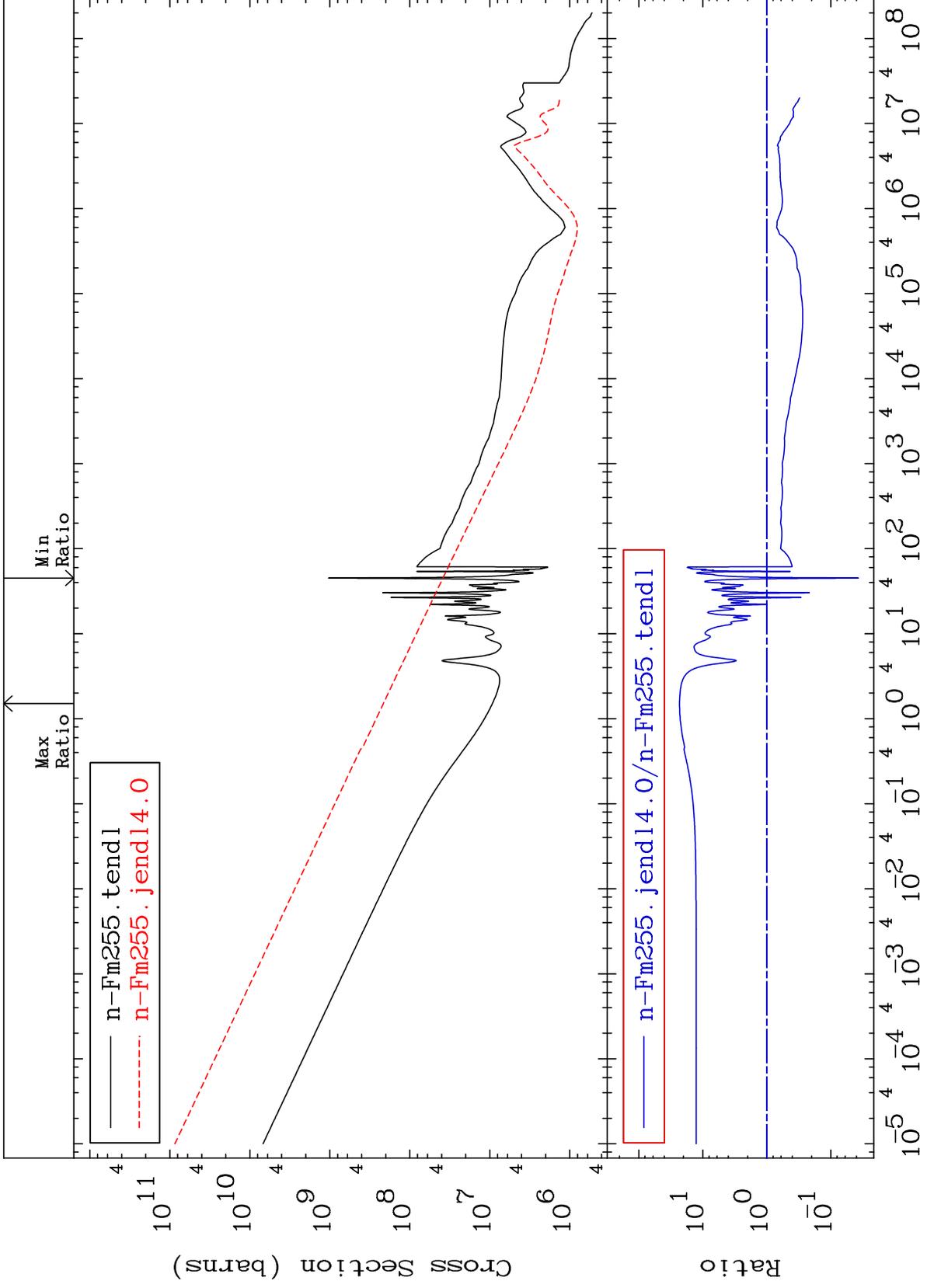




MAT 9936

Total photon (eV-barns)
Cross Section

100-Fm-255
-96.30 To 2209. %



27

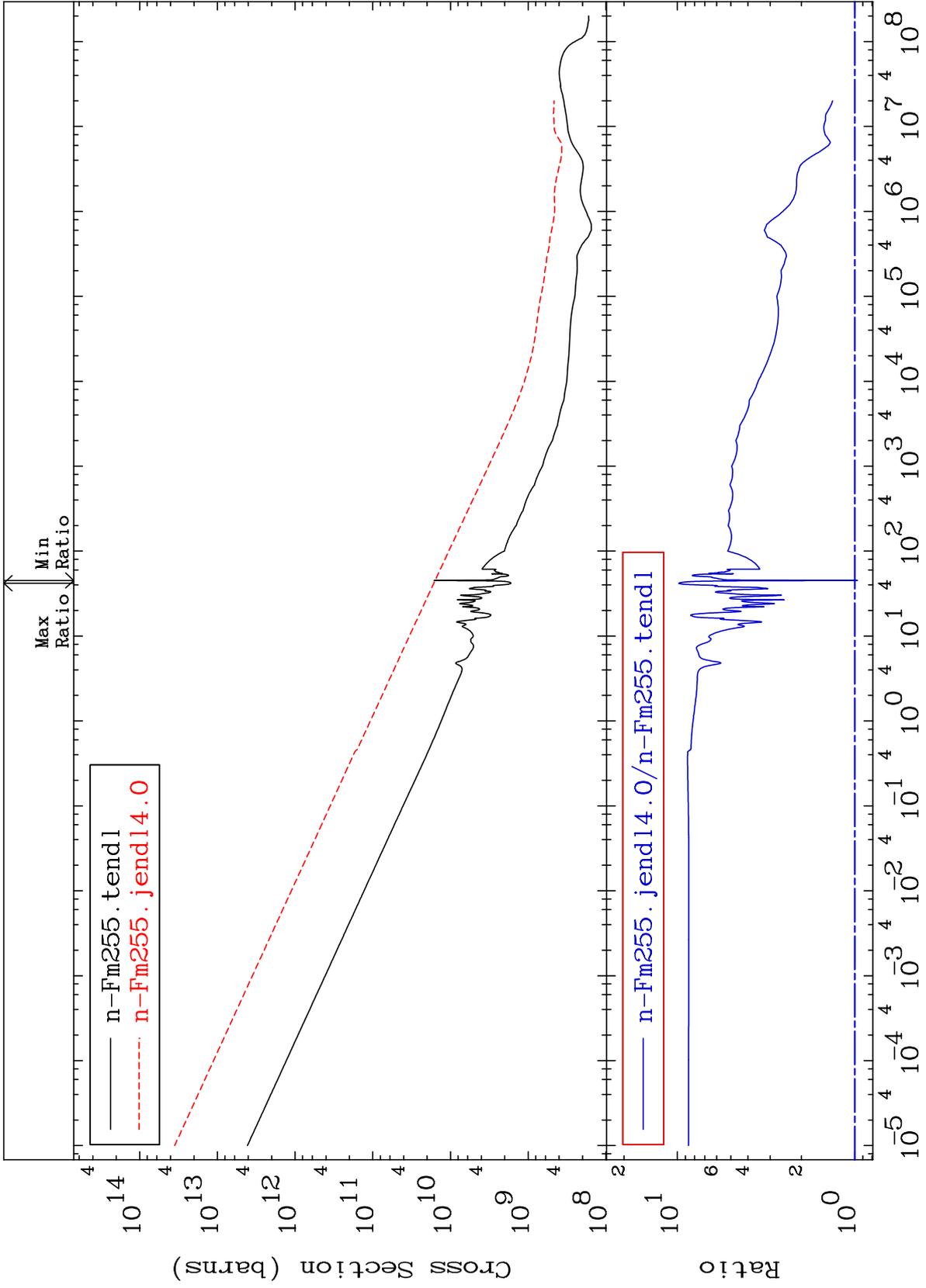
Incident Energy (eV)

100-Fm-255

MAT 9936

Total kinematic kerma (high limit)
Cross Section

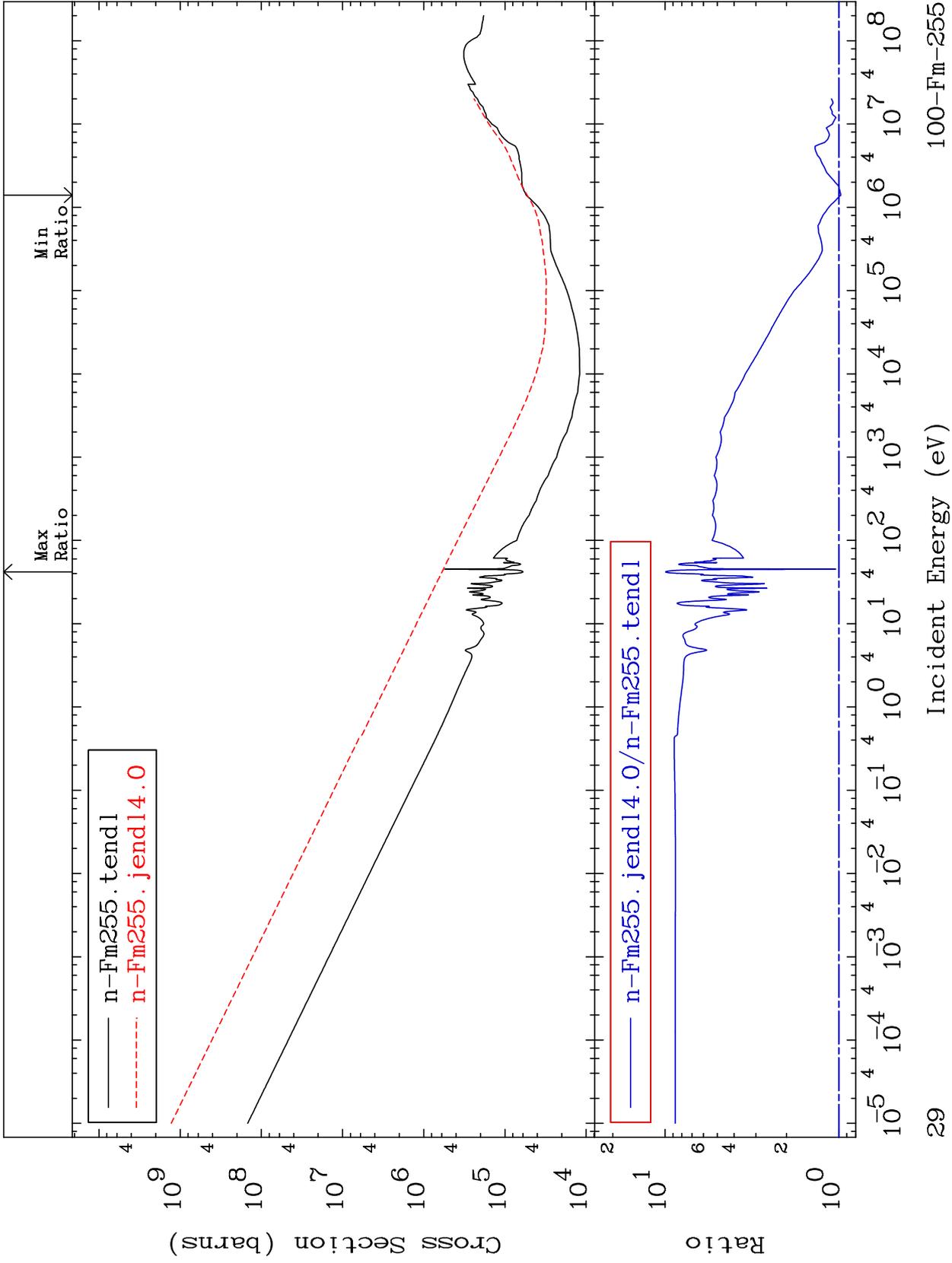
100-Fm-255
-3.709 To 881.4 %



MAT 9936

Dpa total (eV-barns)
Cross Section

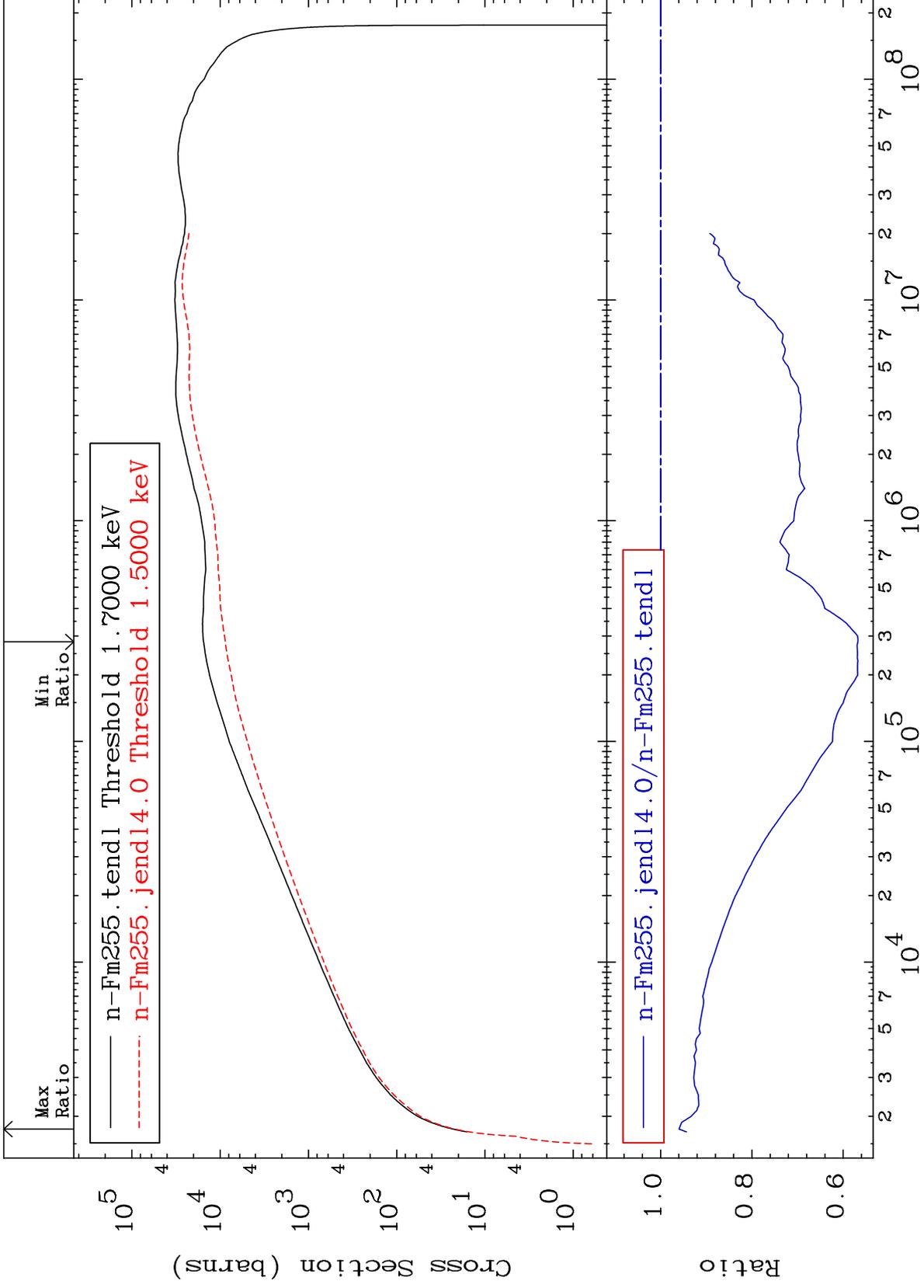
100-Fm-255
-2.753 To 893.2 %



MAT 9936

Dpa elastic (mt2)
Cross Section

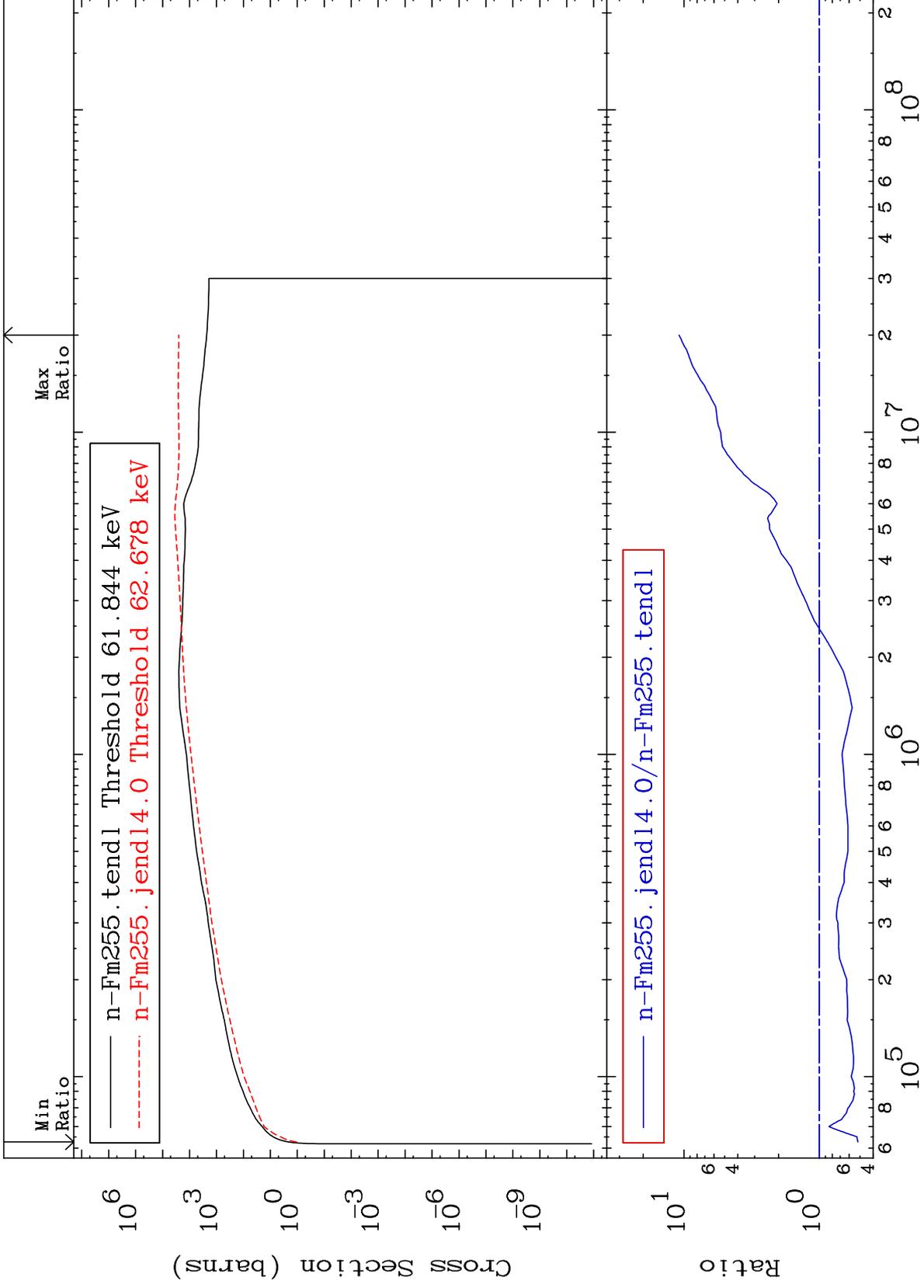
100-Fm-255
-43.23 To -4.040%



MAT 9936

Dpa inelastic (mt51-91)
Cross Section

100-Fm-255
-48.26 To 986.2 %



MAT 9936

Dpa disappearance (mt102 -120)
Cross Section

100-Fm-255
-100.0 To 2444. %

