

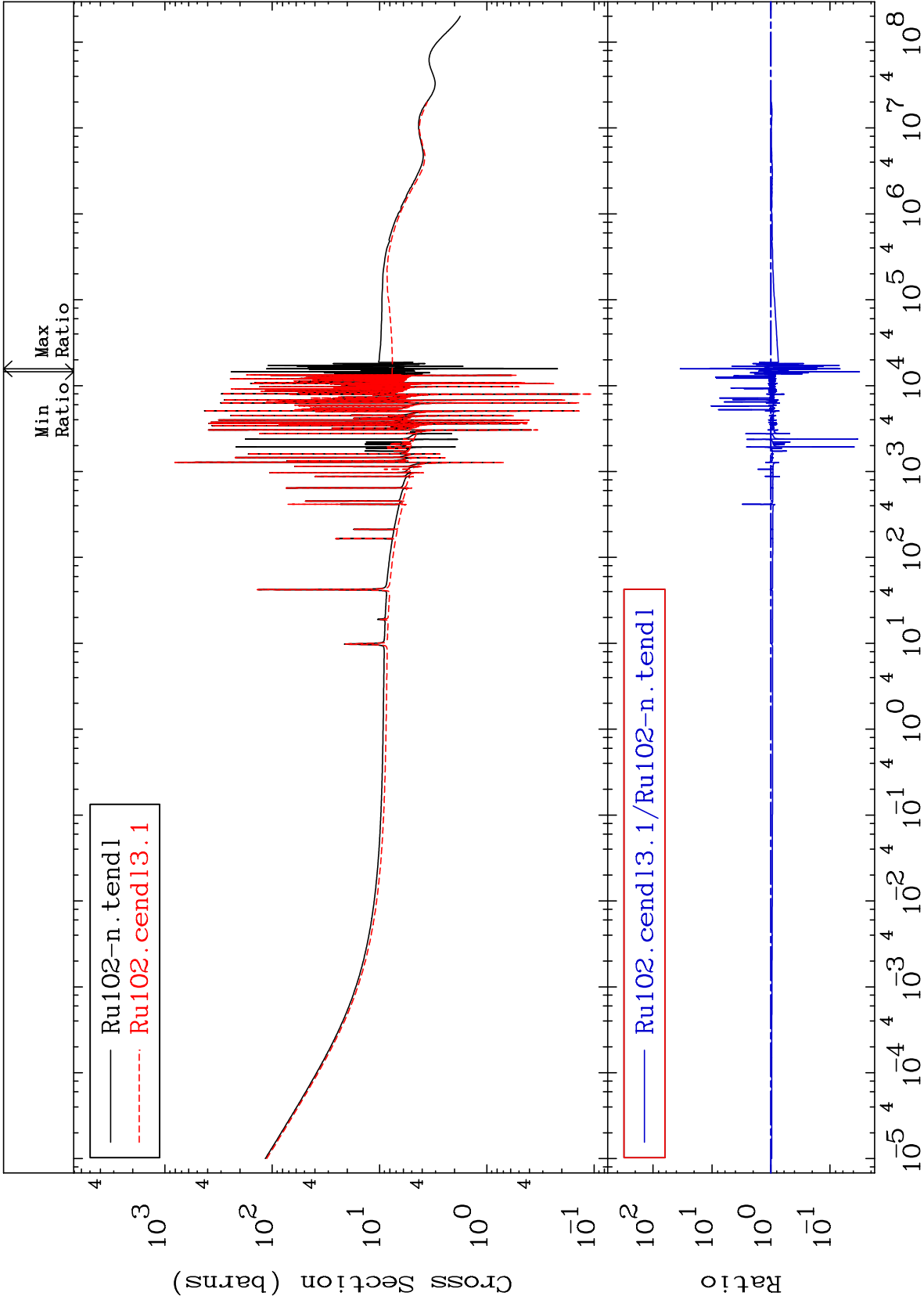
MAT 4443

Total

44-Ru-102

Cross Section

-96.84 To 3359. %



Incident Energy (eV)

44-Ru-102

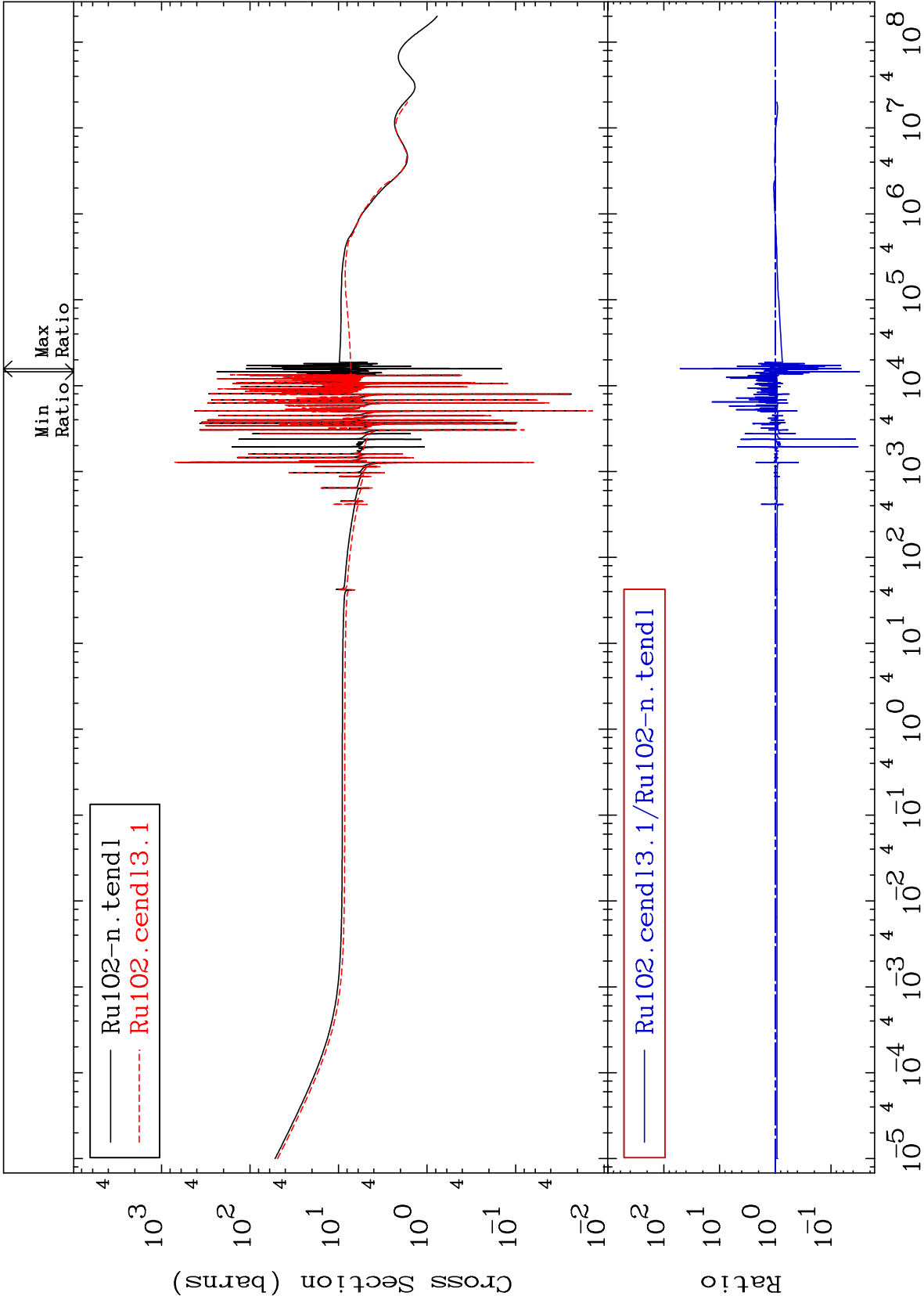
MAT 4443

Elastic

Cross Section

44-Ru-102

-96.90 To 5003. %



Incident Energy (eV)

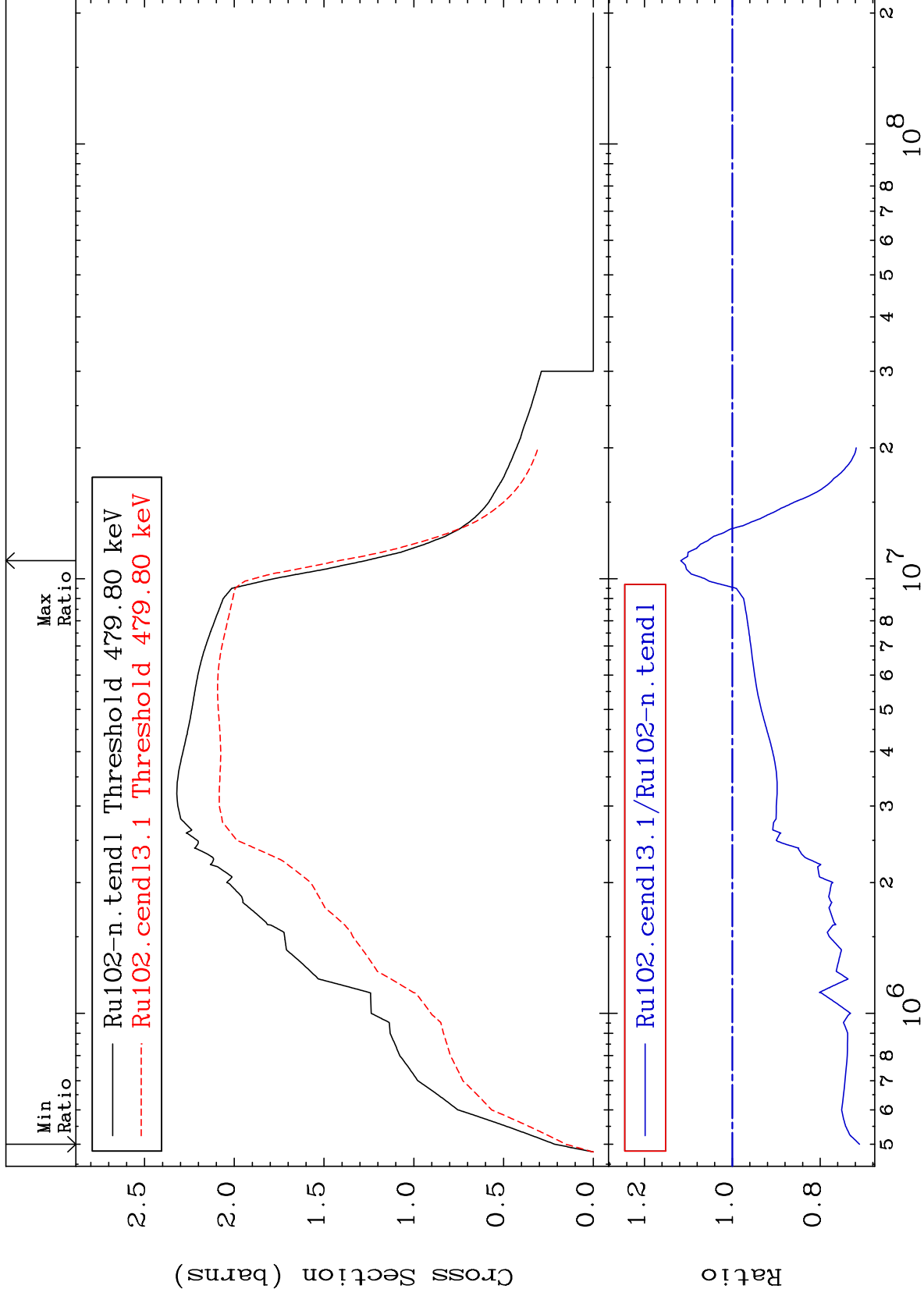
44-Ru-102

MAT 4443

44-Ru-102

Inelastic
Cross Section

-28.96 To 11.73 %



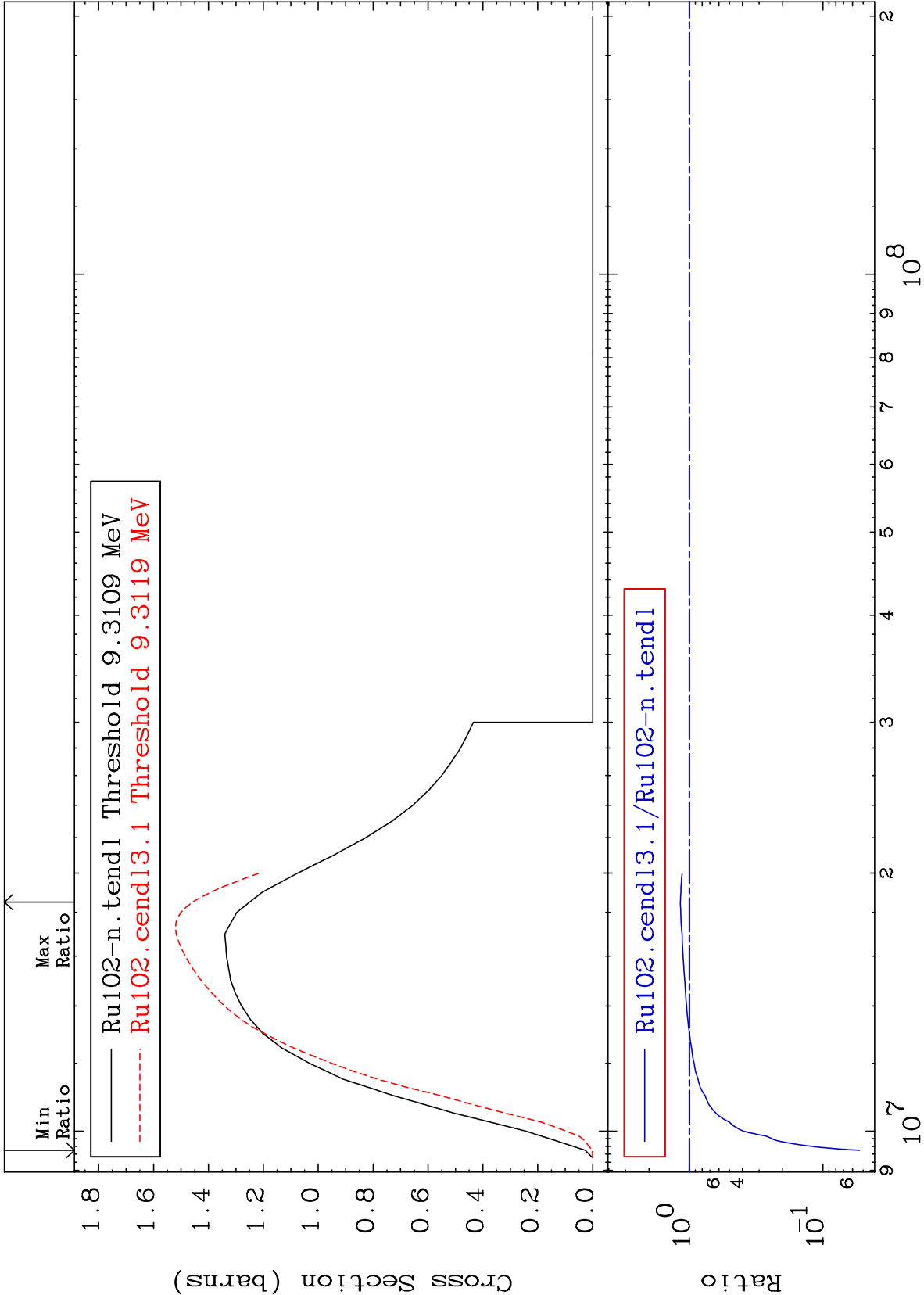
MAT 4443

(n,2n)

44-Ru-102

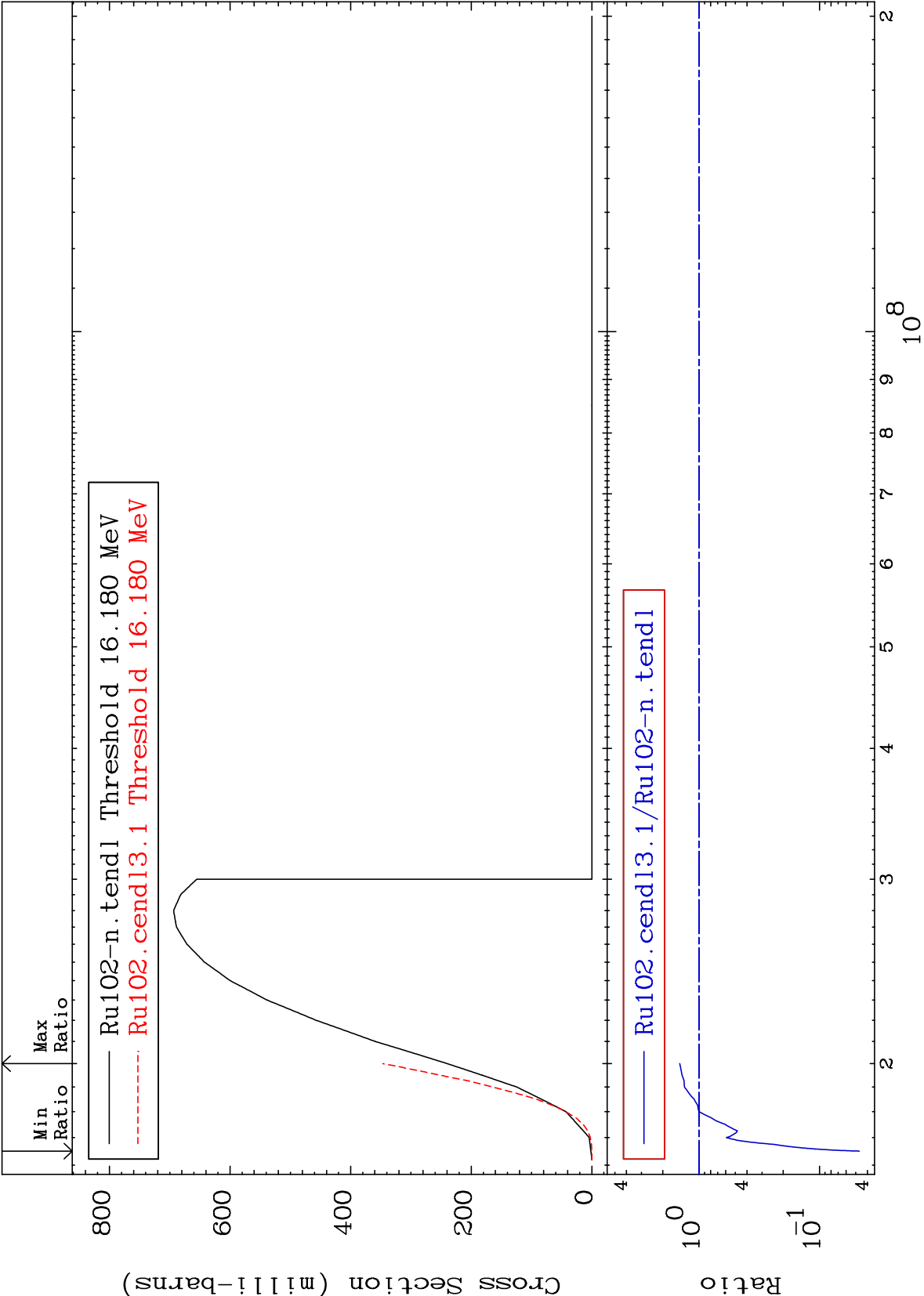
Cross Section

-94.67 To 16.62 %



Cross Section

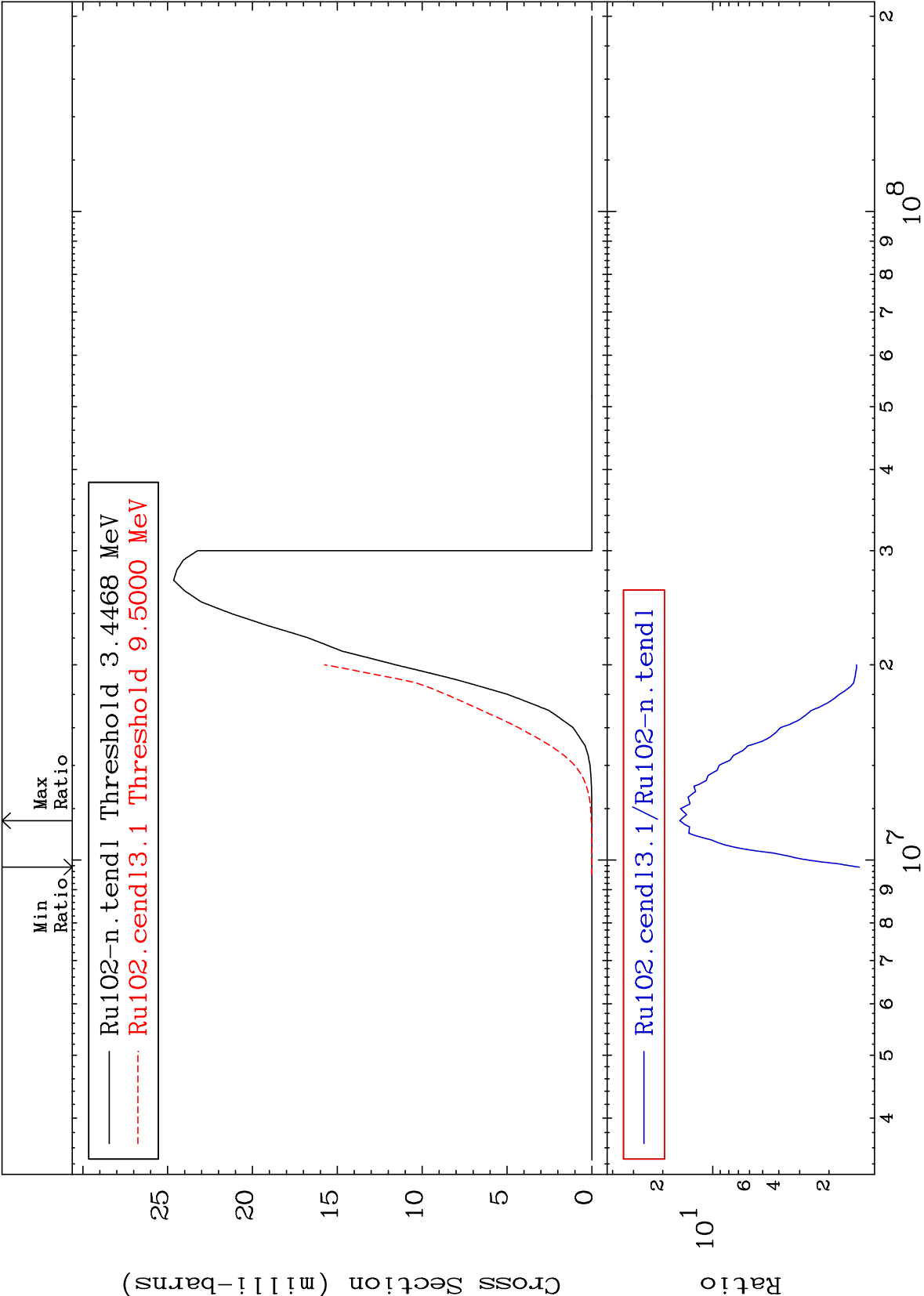
-95.33 To 44.53 %

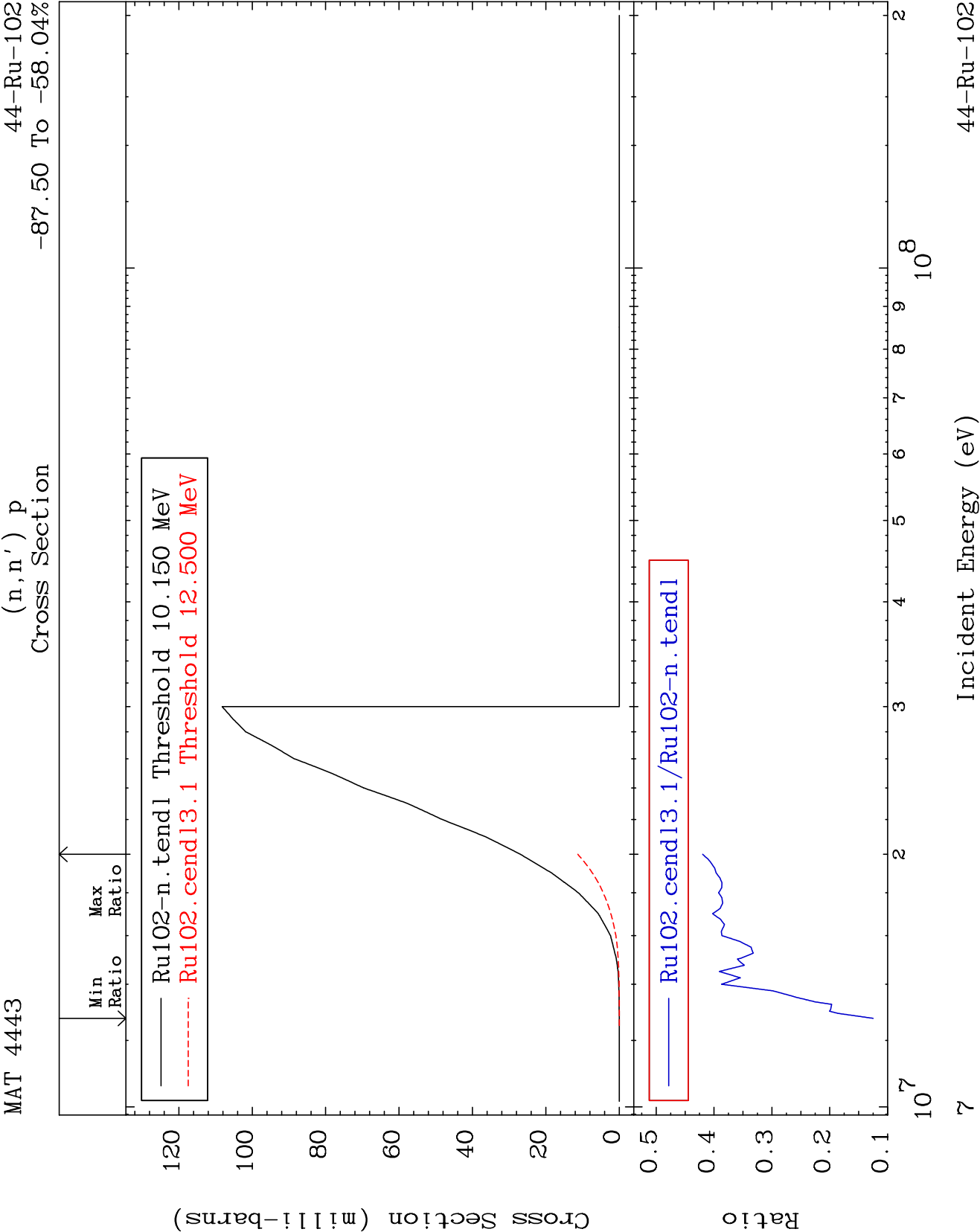


MAT 4443

(n,n') α
Cross Section

44-Ru-102
31.21 To 1479. %





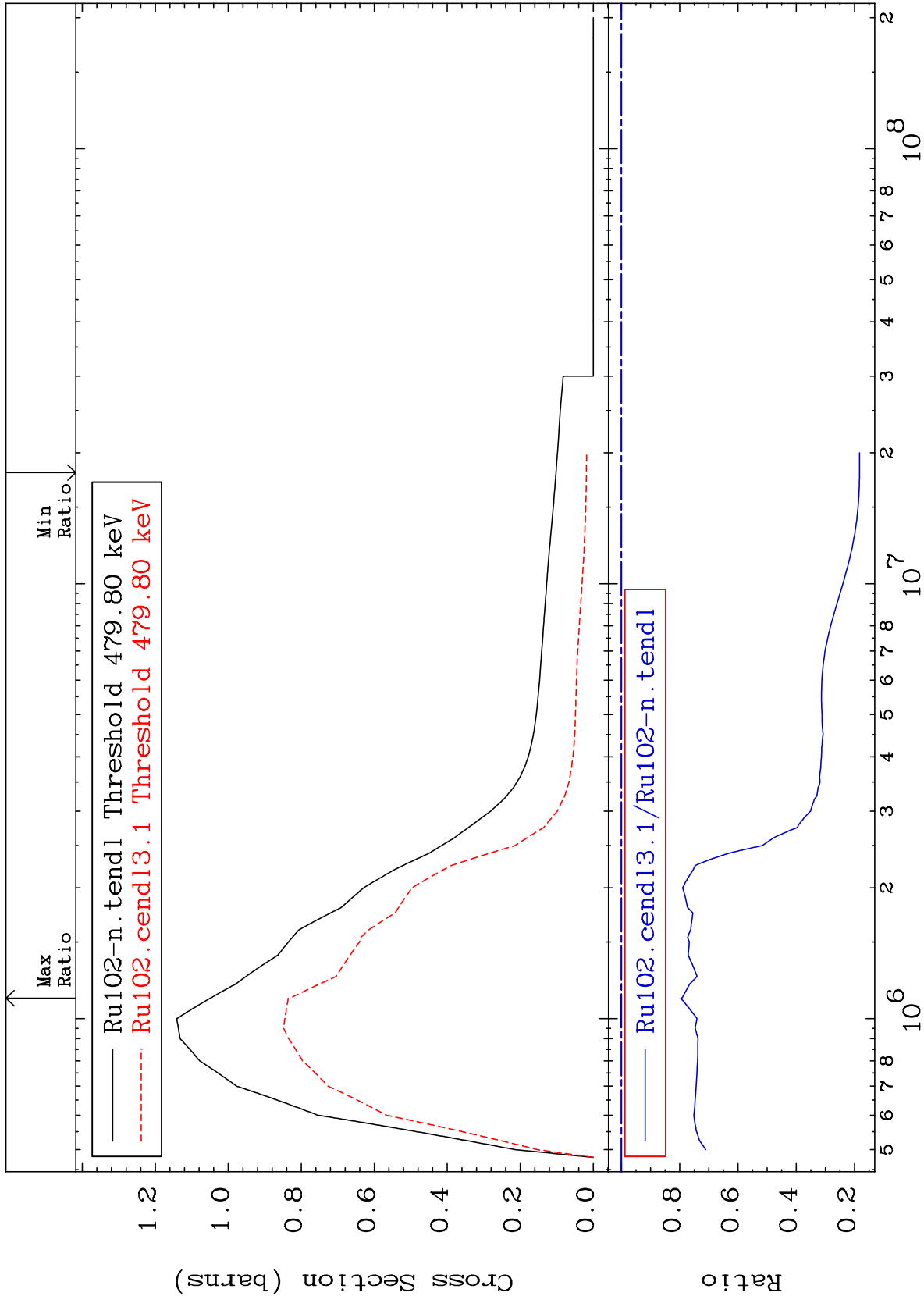
MAT 4443

475.1 keV (n,n') Level

44-Ru-102

Cross Section

-81.75 To -20.38%



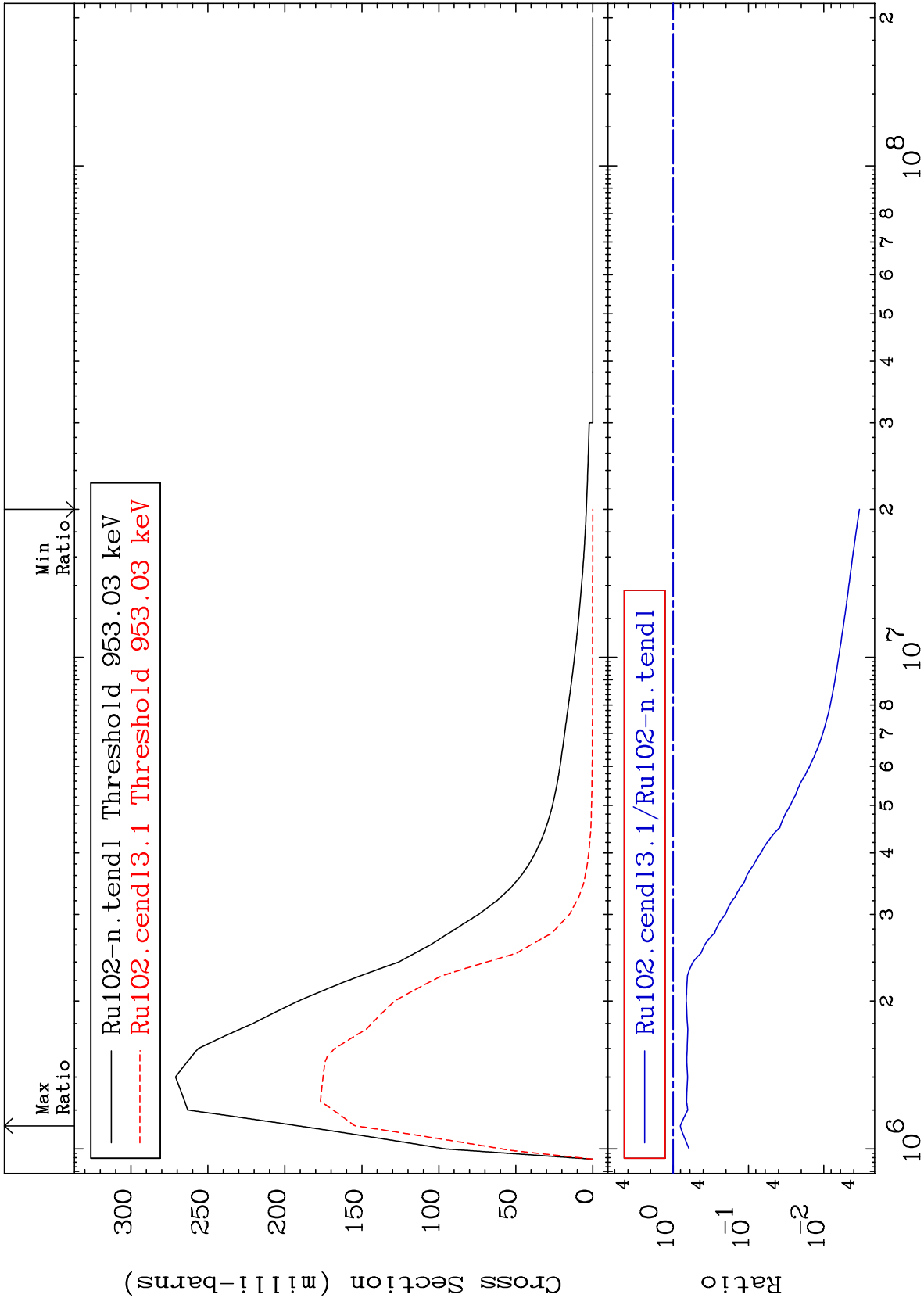
MAT 4443

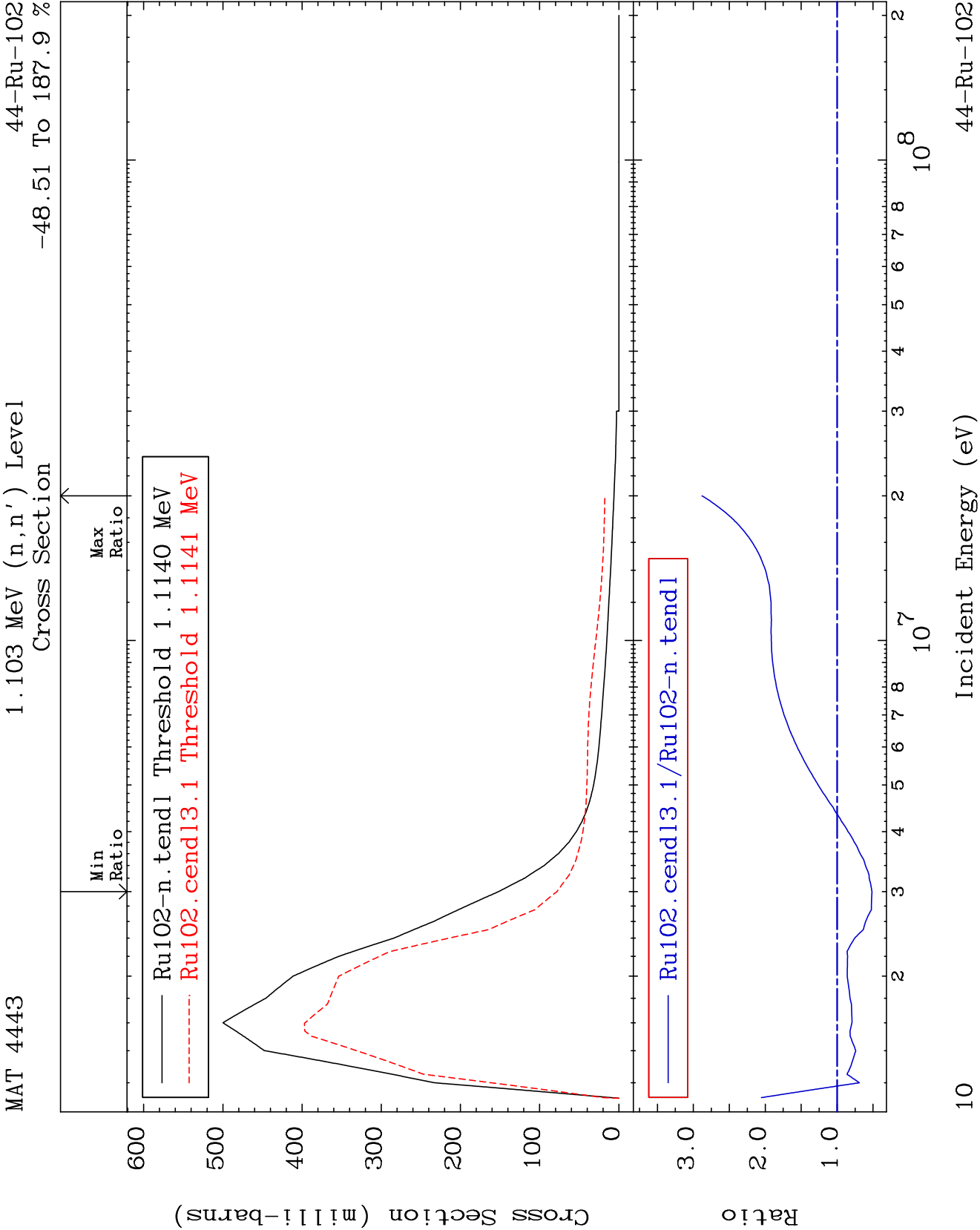
943.7 keV (n,n') Level

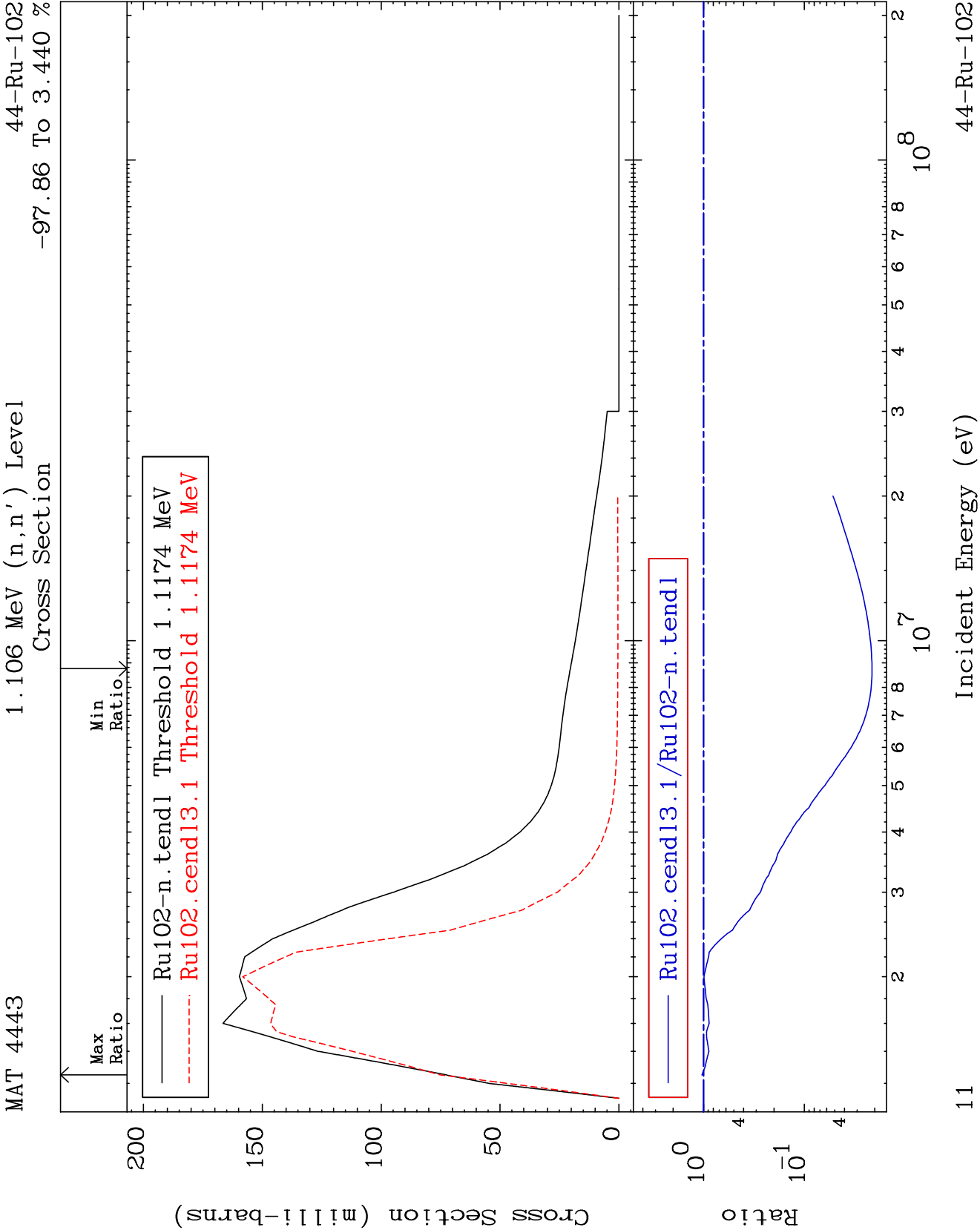
44-Ru-102

-99.66 To -19.52%

Cross Section







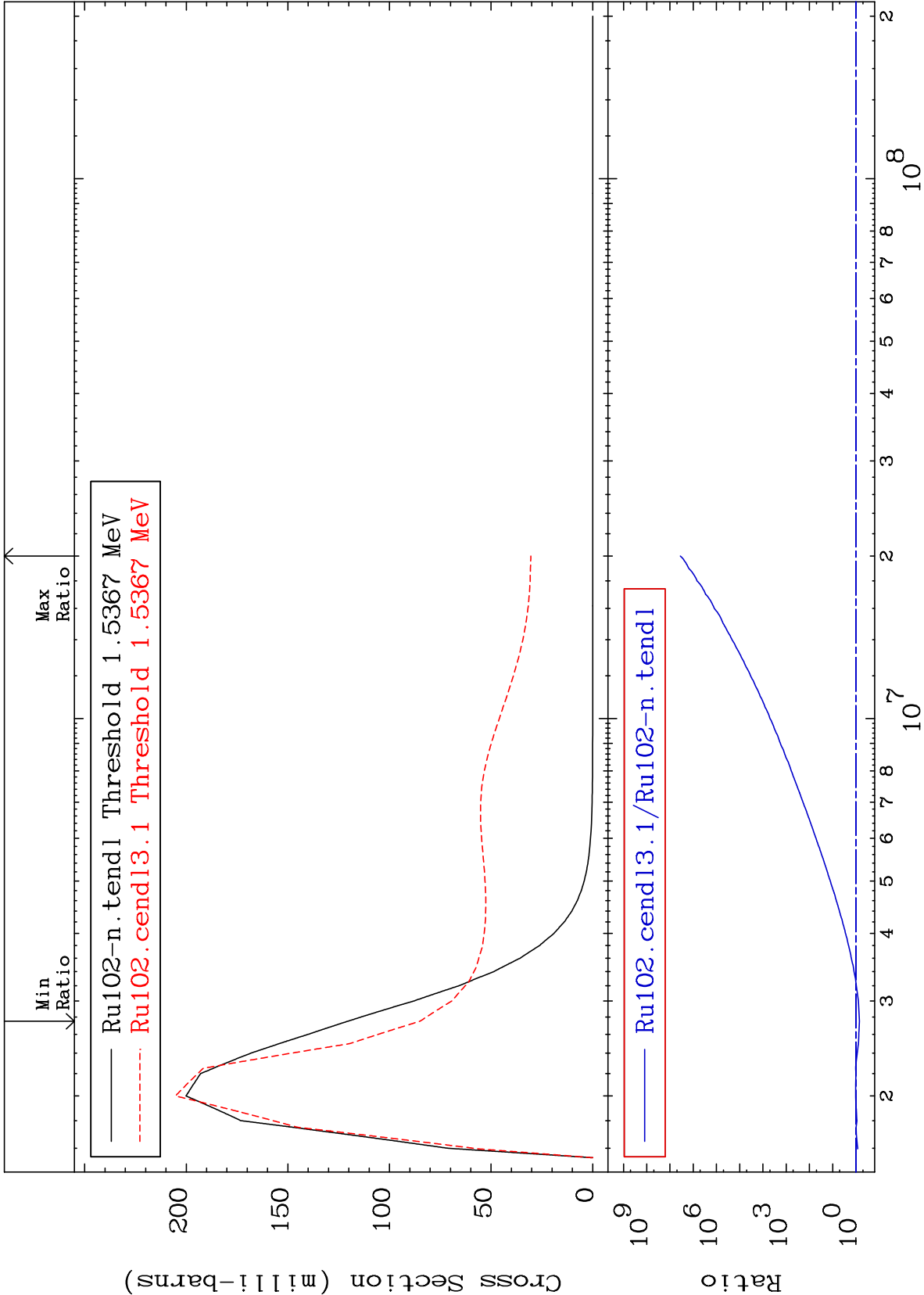
MAT 4443

1.522 MeV (n,n') Level

44-Ru-102

-29.52 To 9999. %

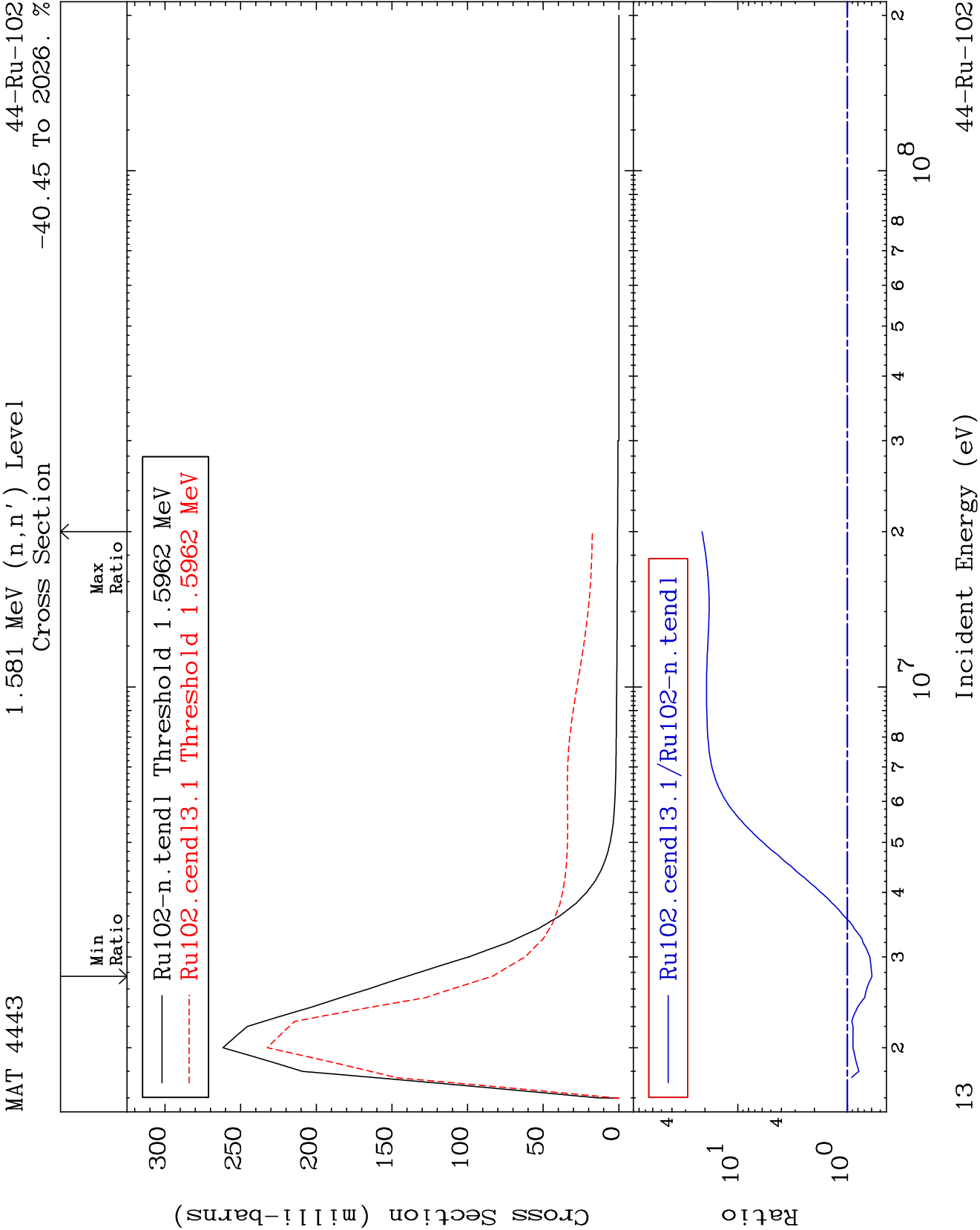
Cross Section



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Incident Energy (eV)

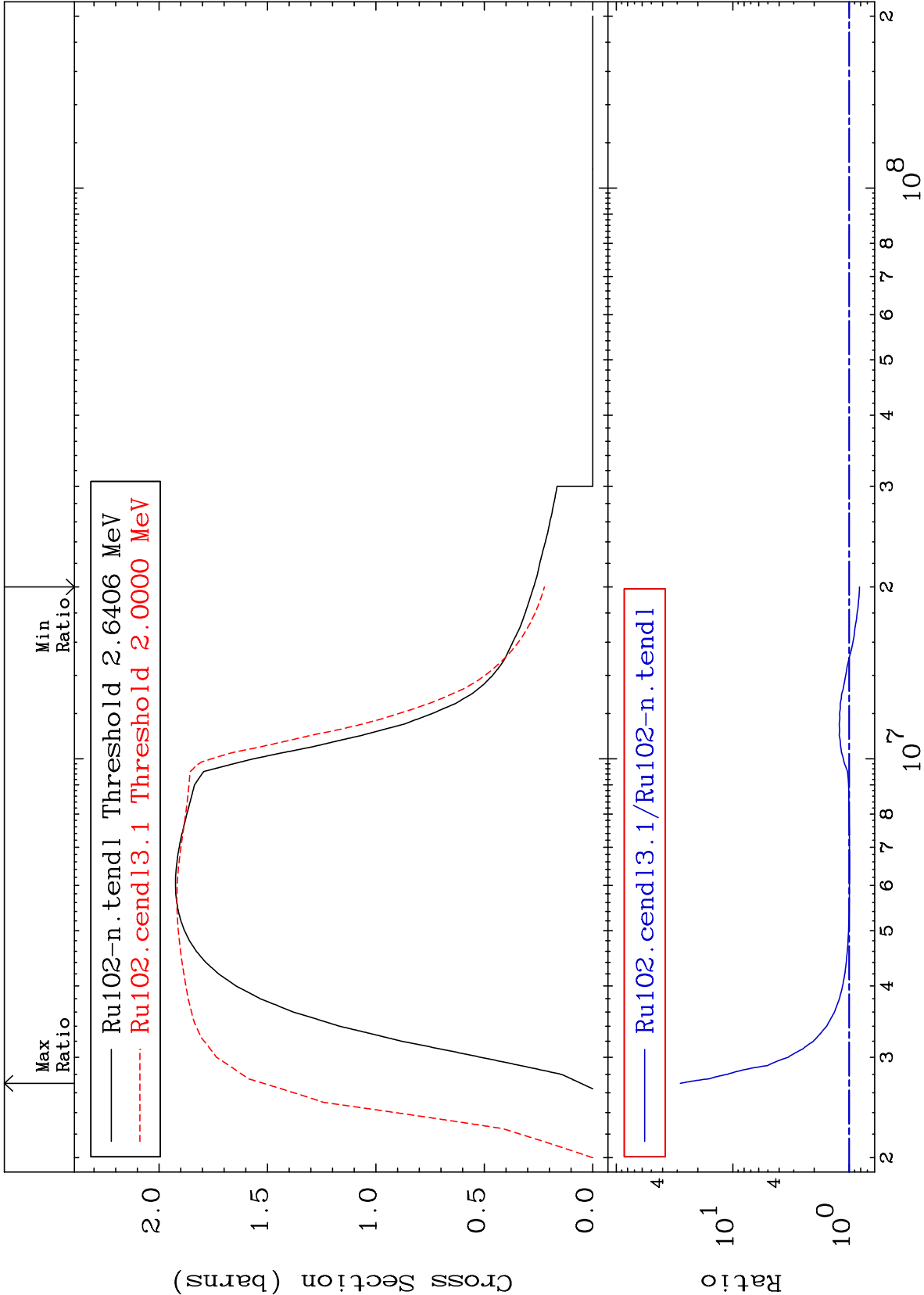
44-Ru-102



MAT 4443

(n,n') Continuum
Cross Section

44-Ru-102
-18.17 To 2721. %



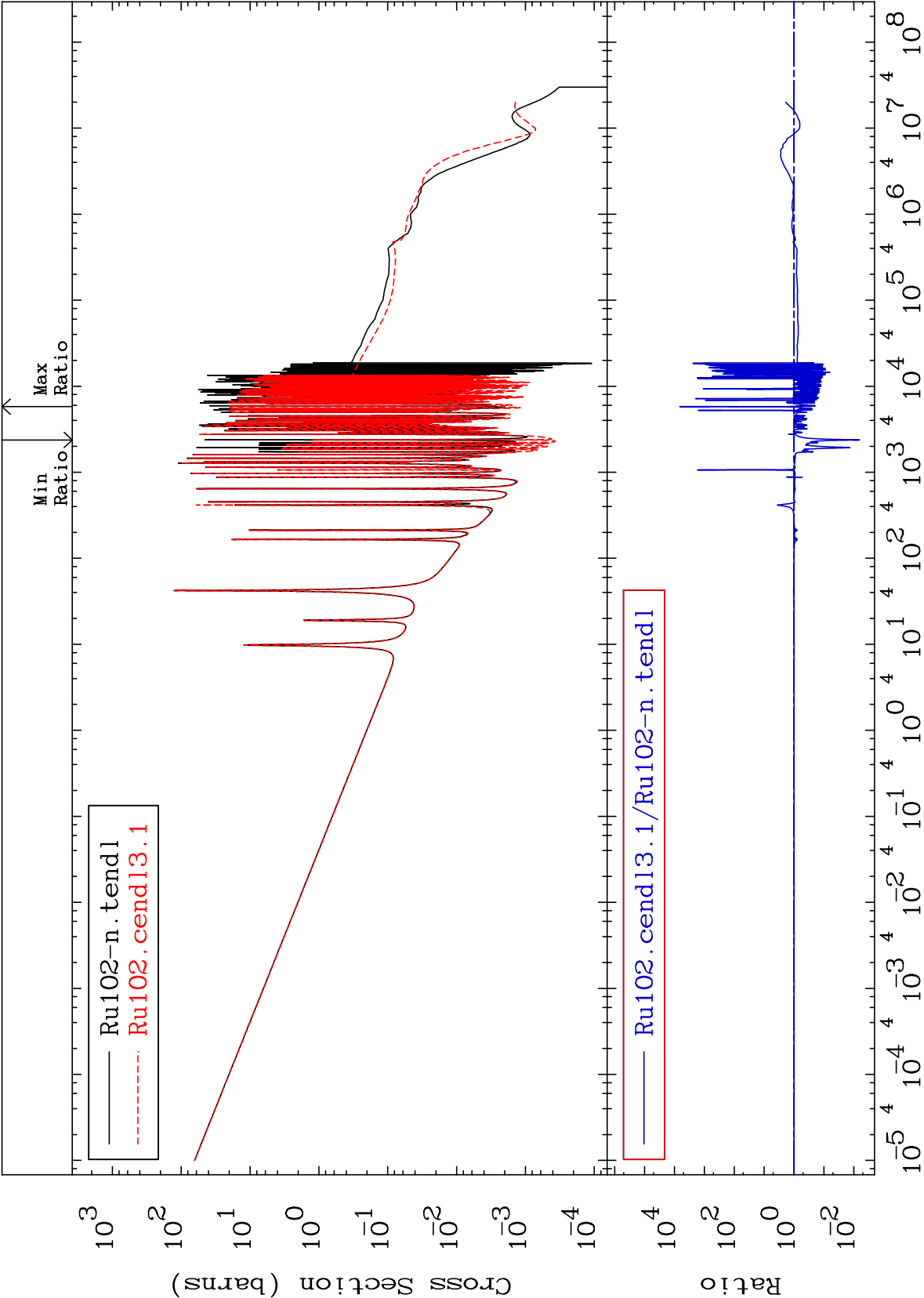
MAT 4443

(n, γ)

44-Ru-102

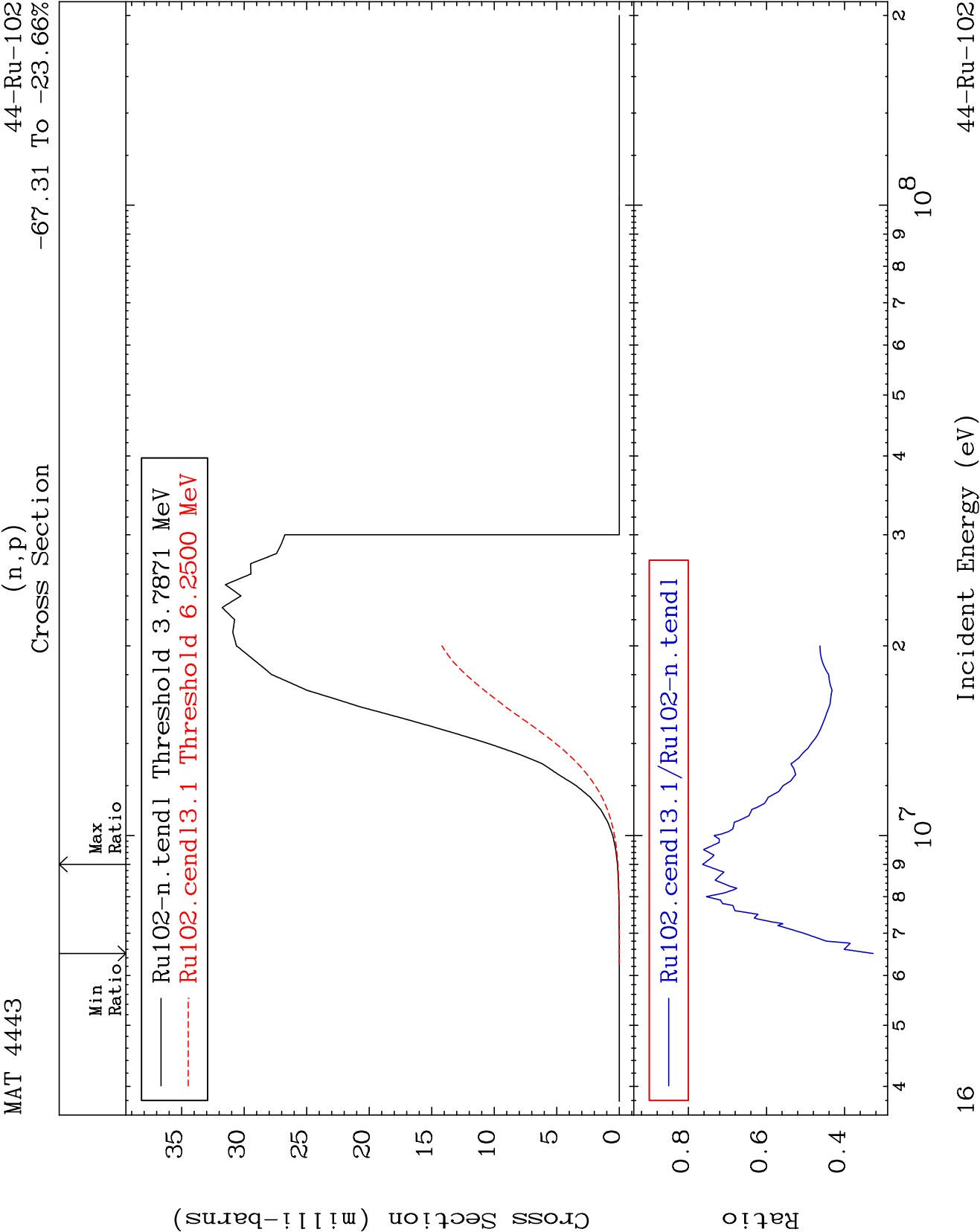
Cross Section

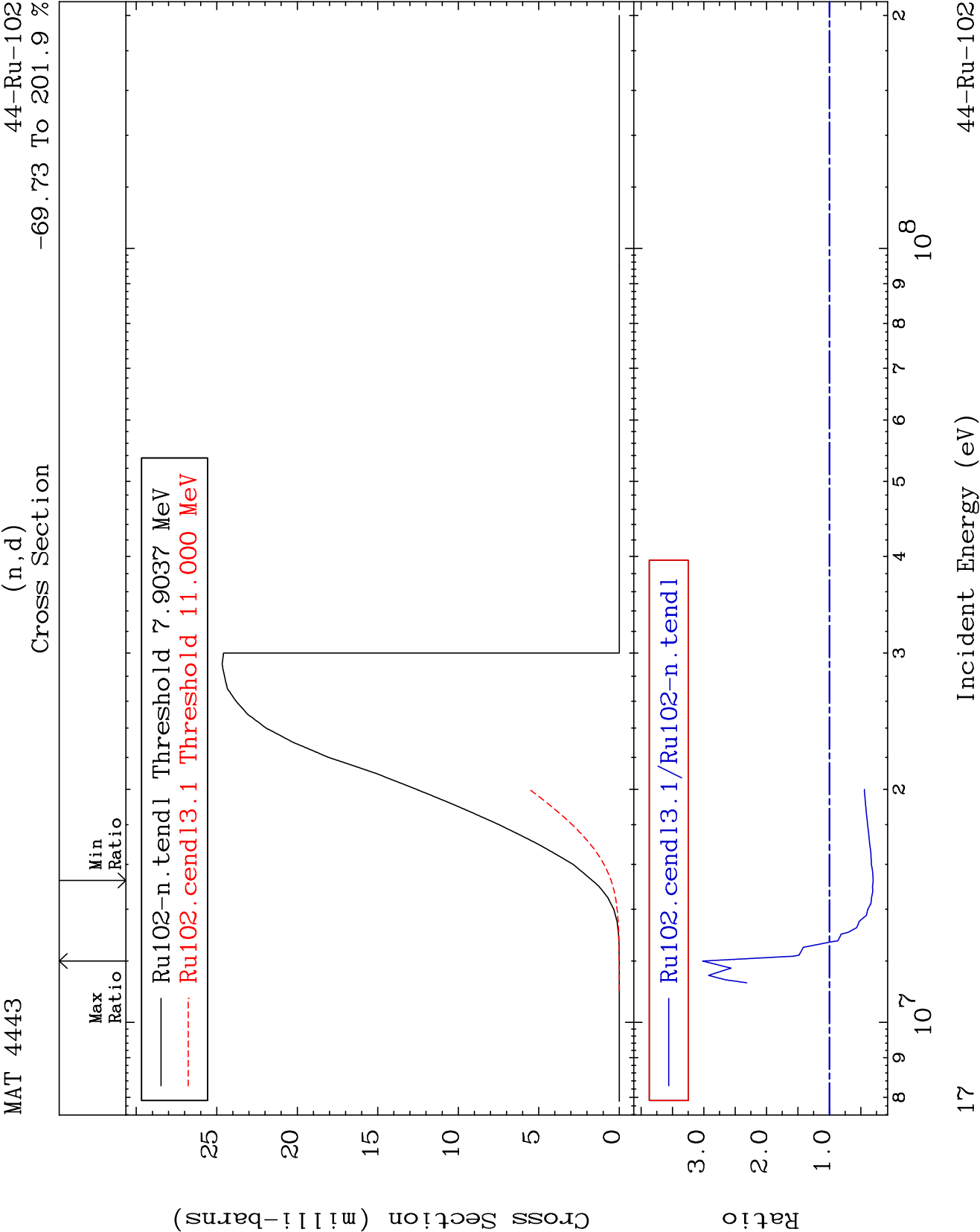
-99.34 To 9999. %

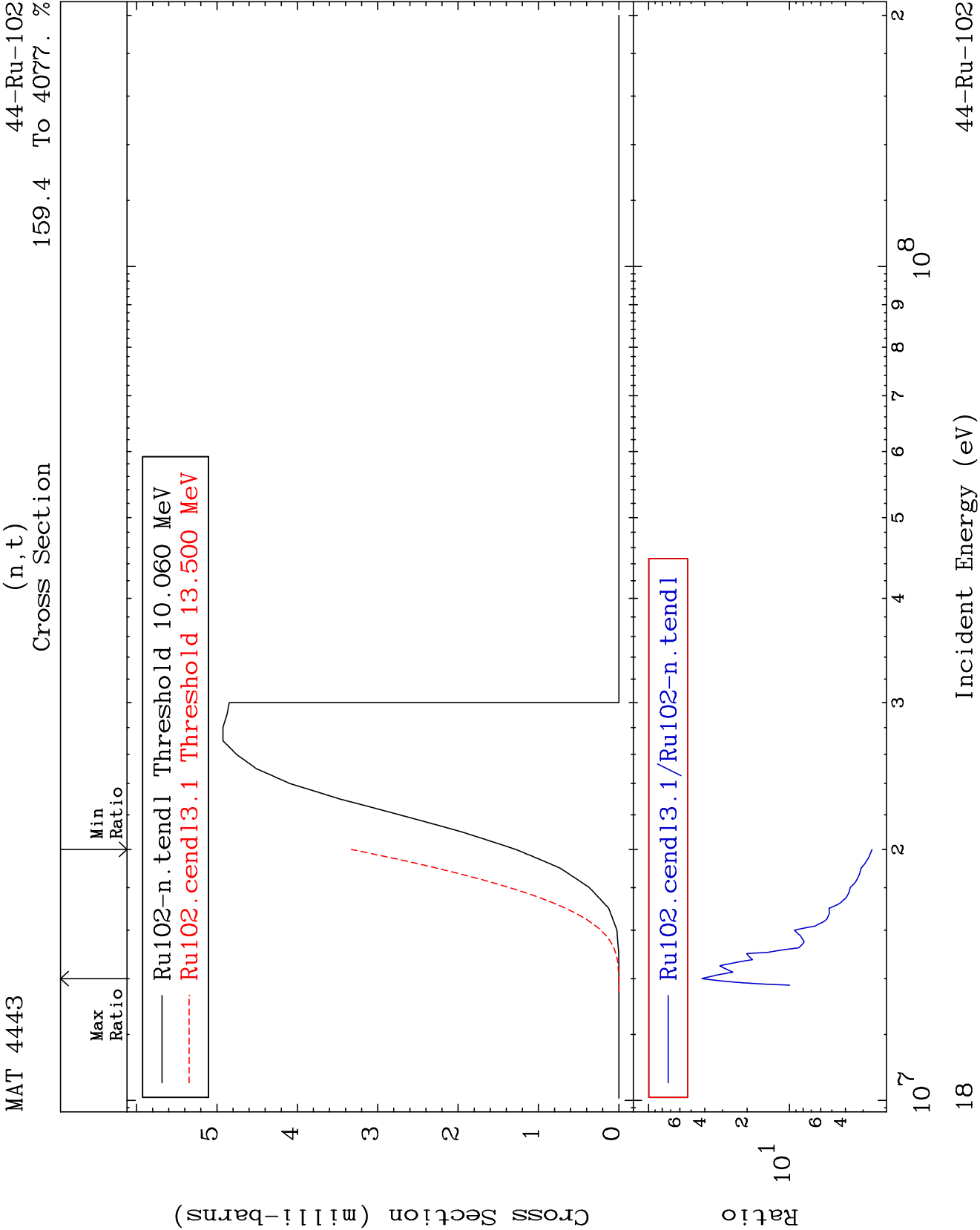


Incident Energy (eV)

44-Ru-102







MAT 4443

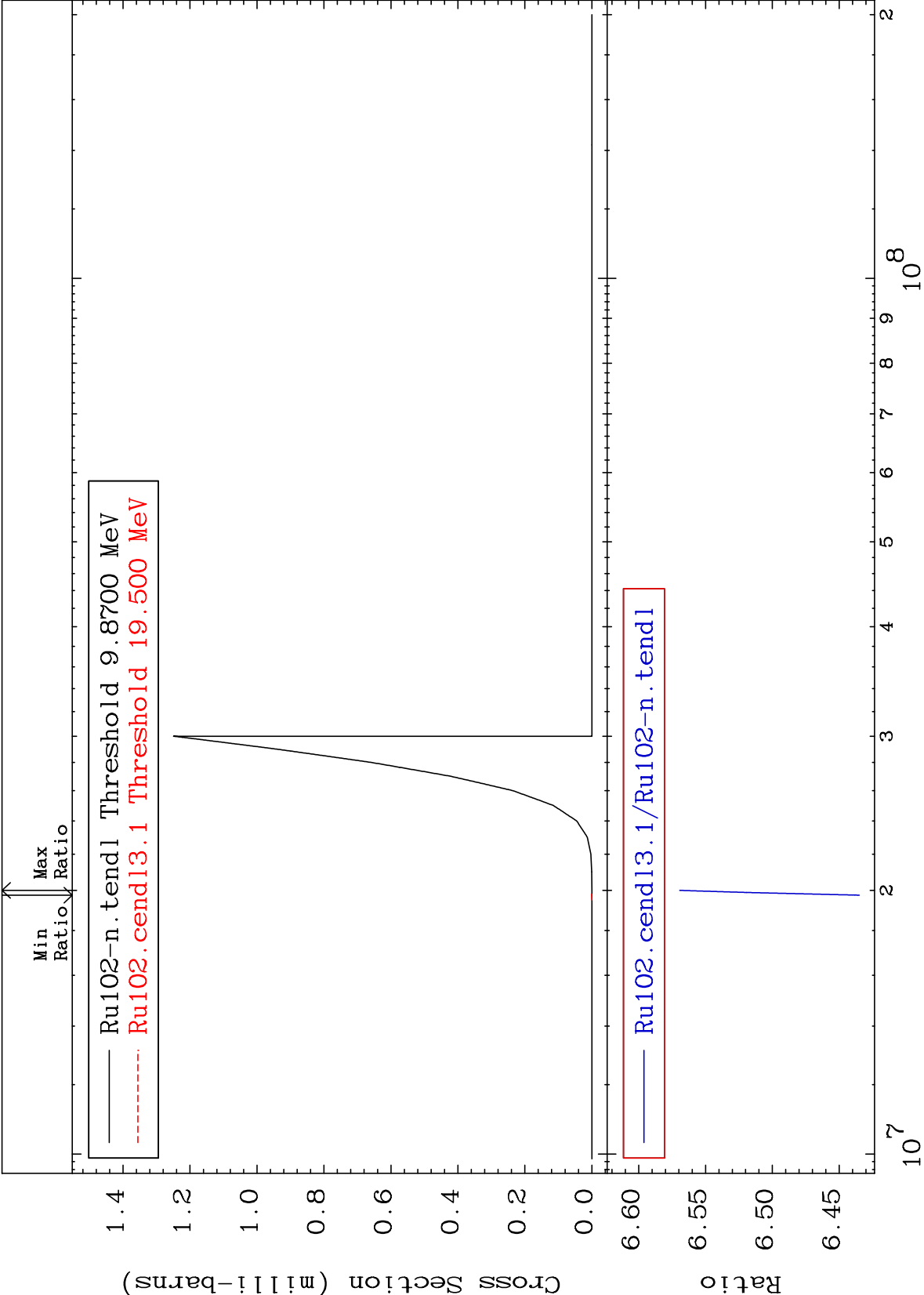
(n,He-3)

44-Ru-102

Cross Section

543.5

To 556.9 %



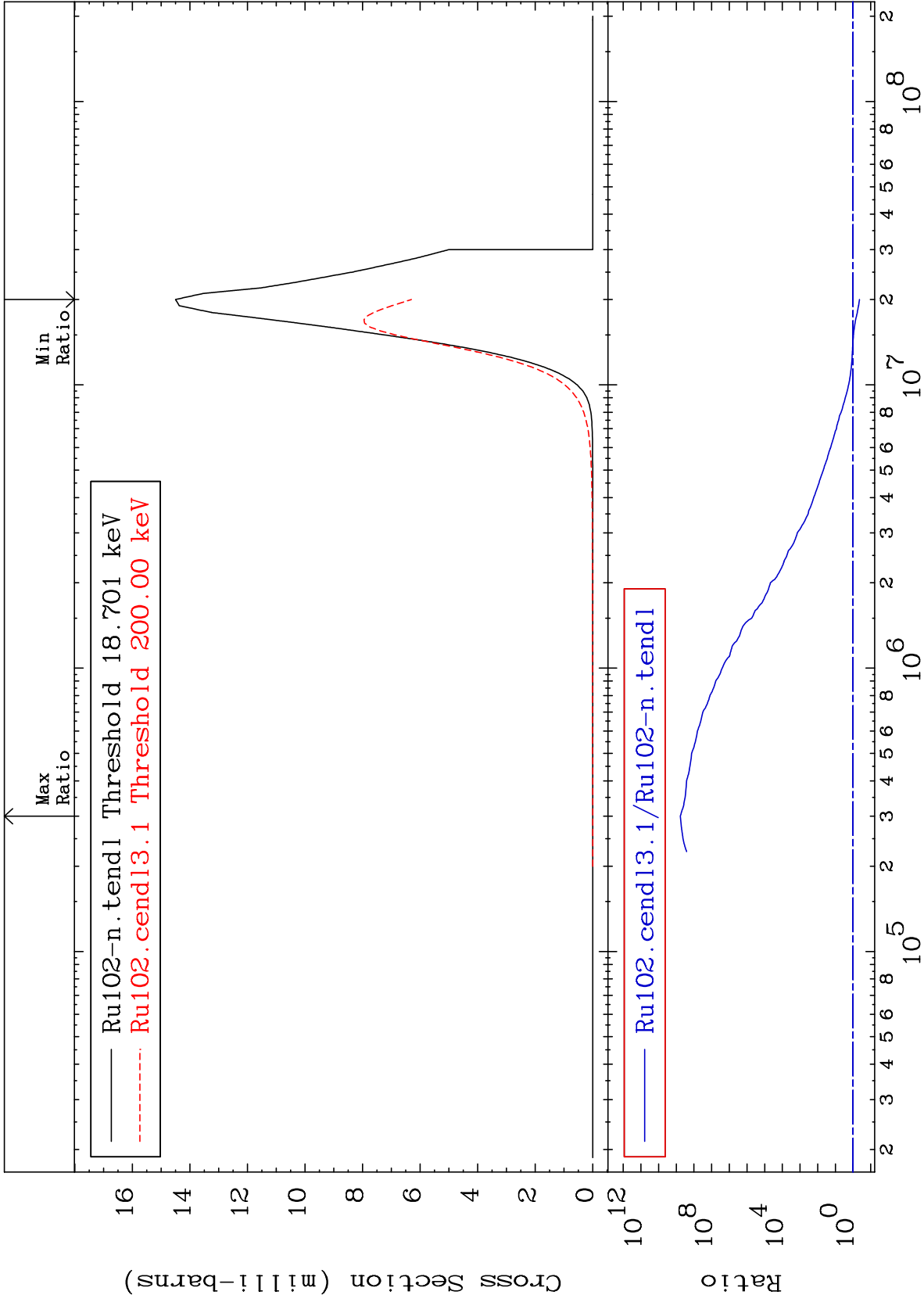
MAT 4443

(n, α)

44-Ru-102

Cross Section

-56.56 To 9999. %



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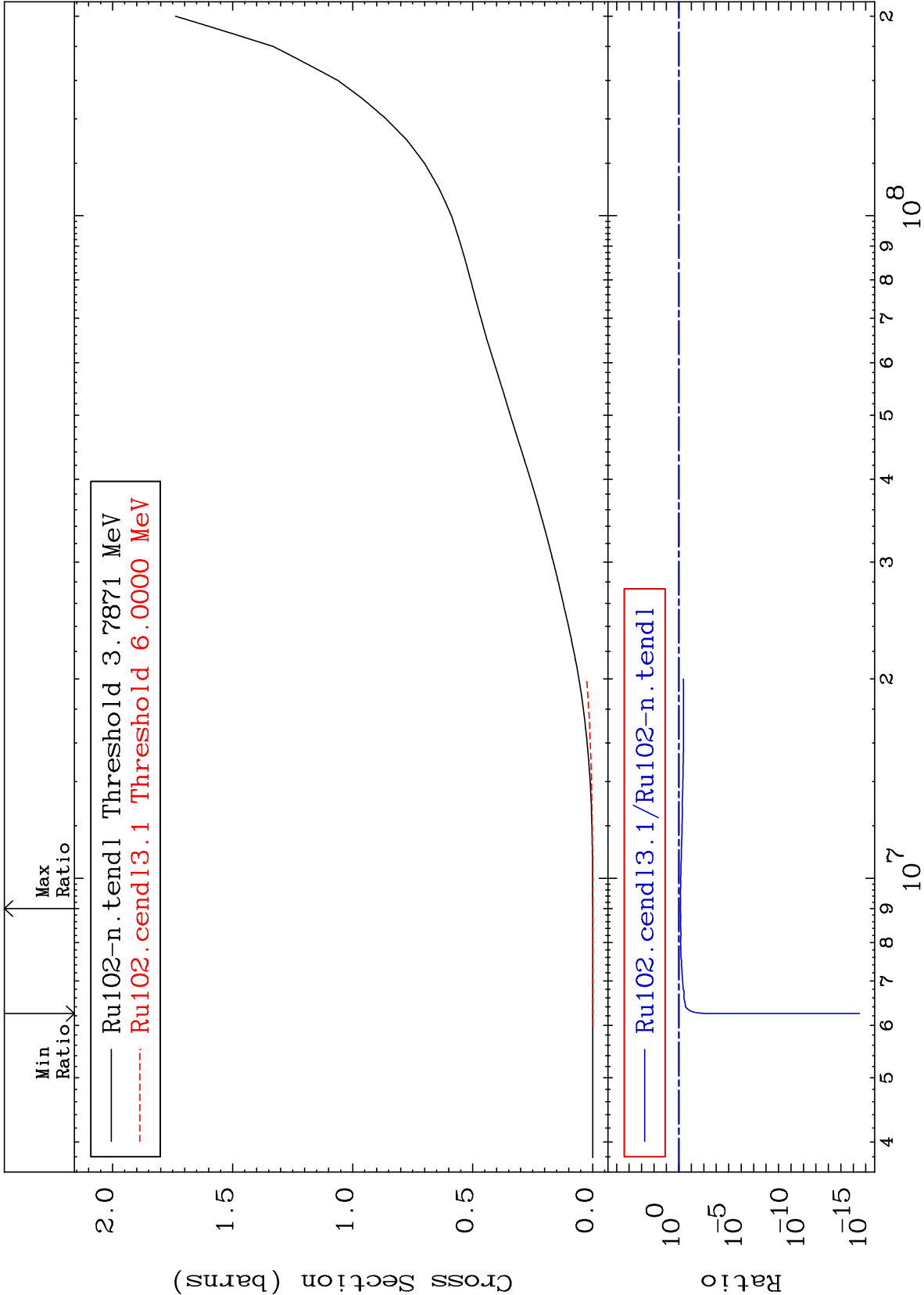
Incident Energy (eV)

44-Ru-102

MAT 4443

Hydrogen Production
Cross Section

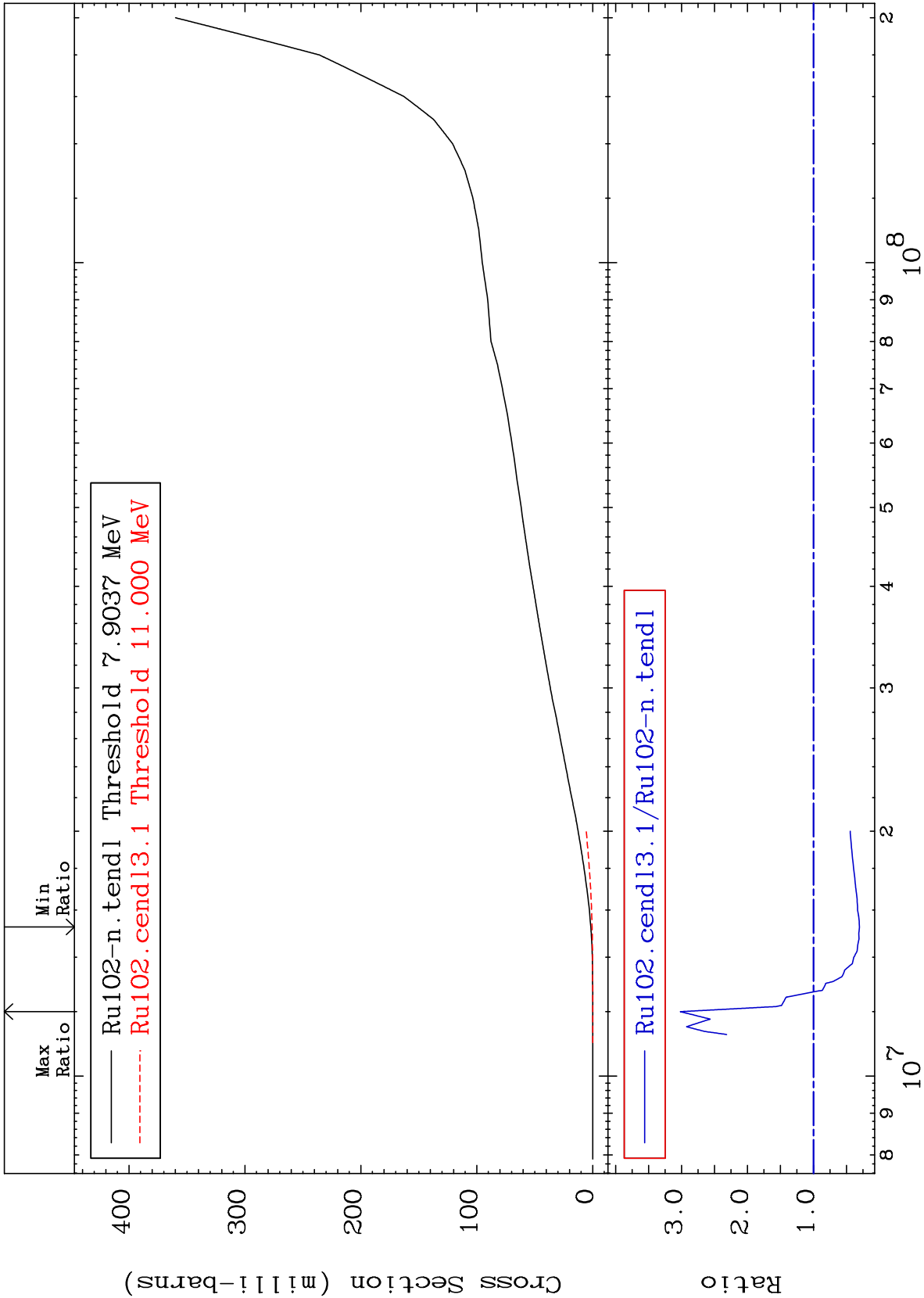
44-Ru-102
-100.0 To -23.66%



MAT 4443

Deuterium Production
Cross Section

44-Ru-102
-69.73 To 201.9 %



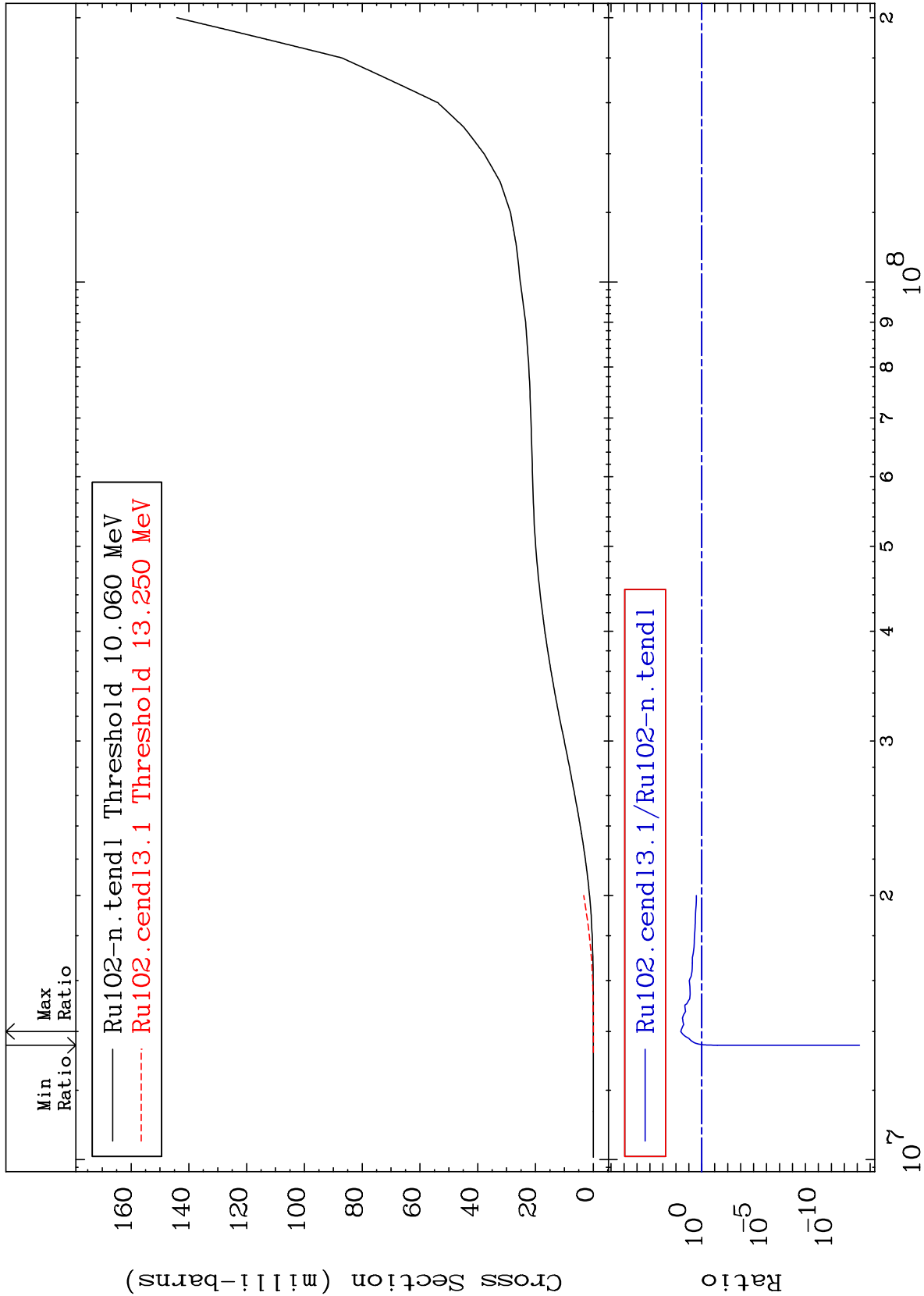
MAT 4443

Tritium Production

44-Ru-102

Cross Section

-100.0 To 4077. %

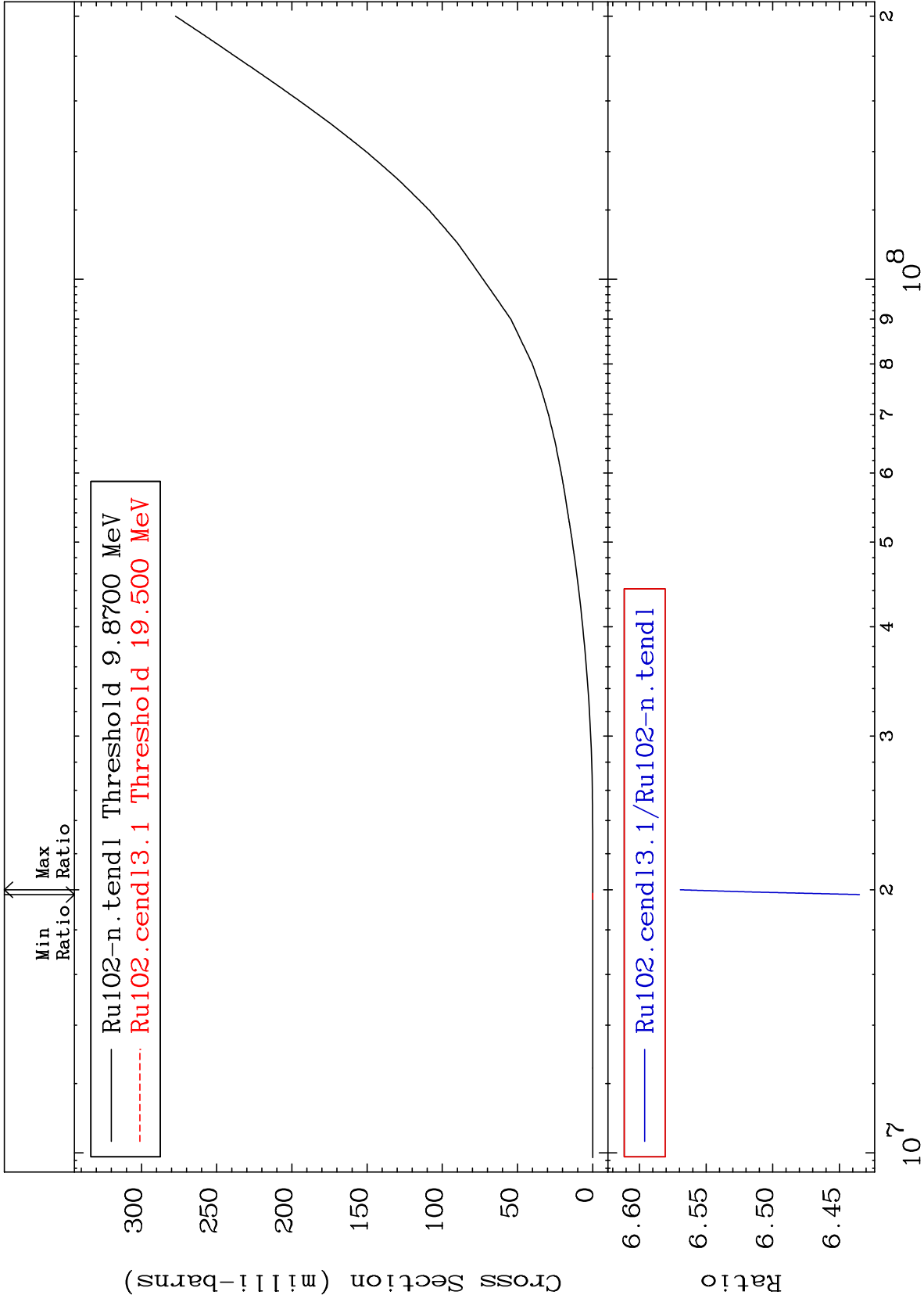


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MAT 4443

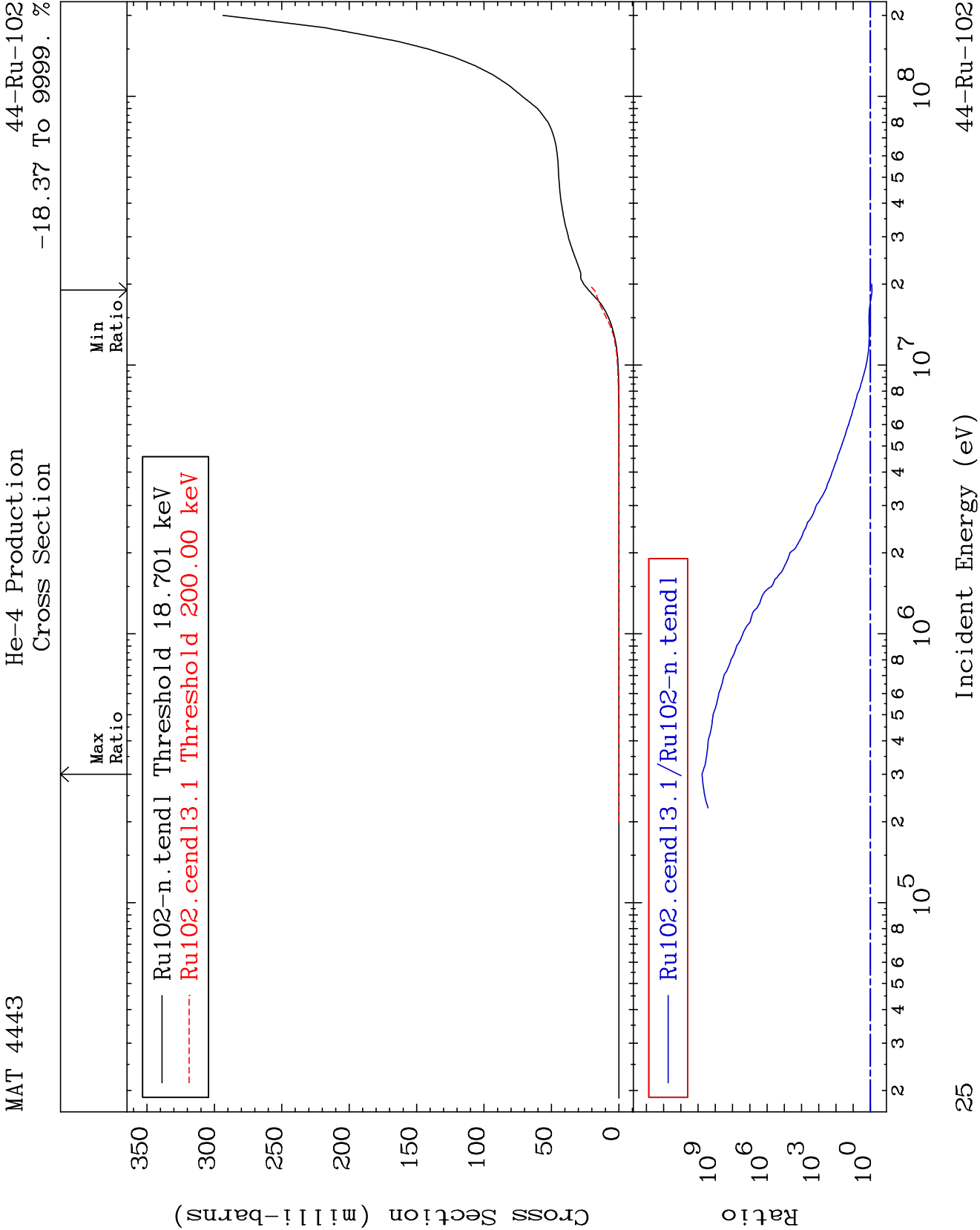
He-3 Production
Cross Section

44-Ru-102
543.5 To 556.9 %



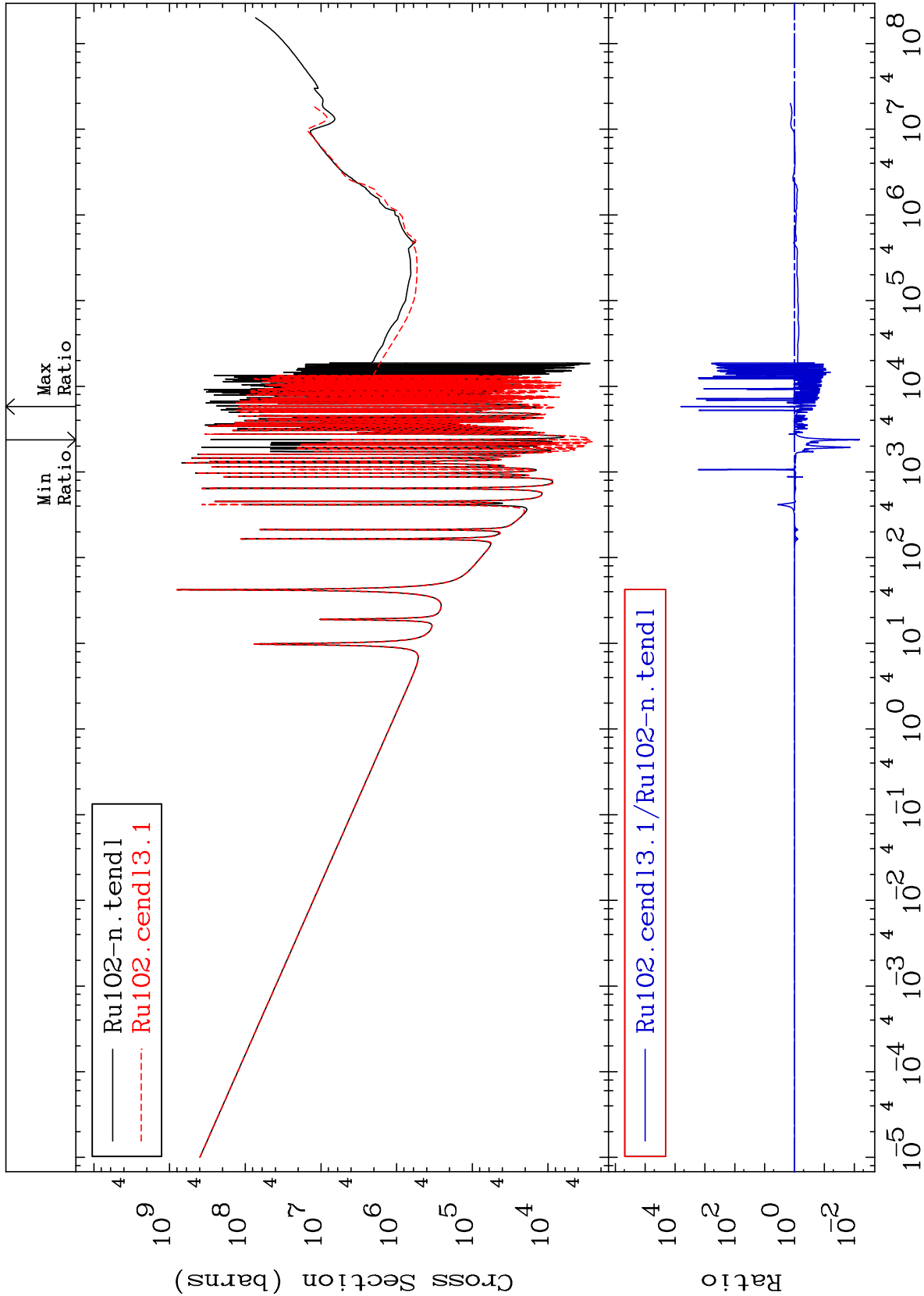
Incident Energy (eV)

44-Ru-102



Cross Section

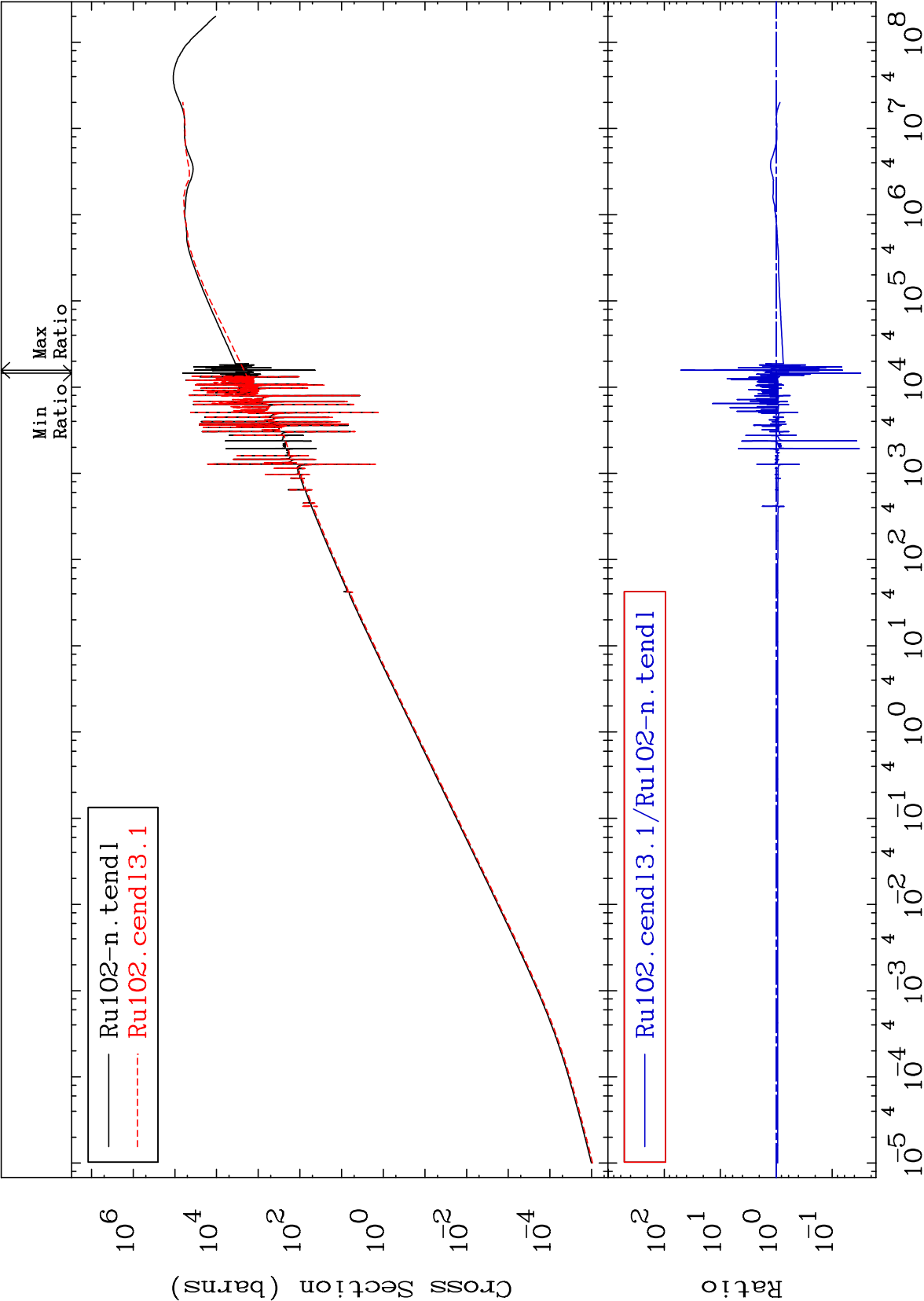
-99.33 To 9999. %



MAT 4443

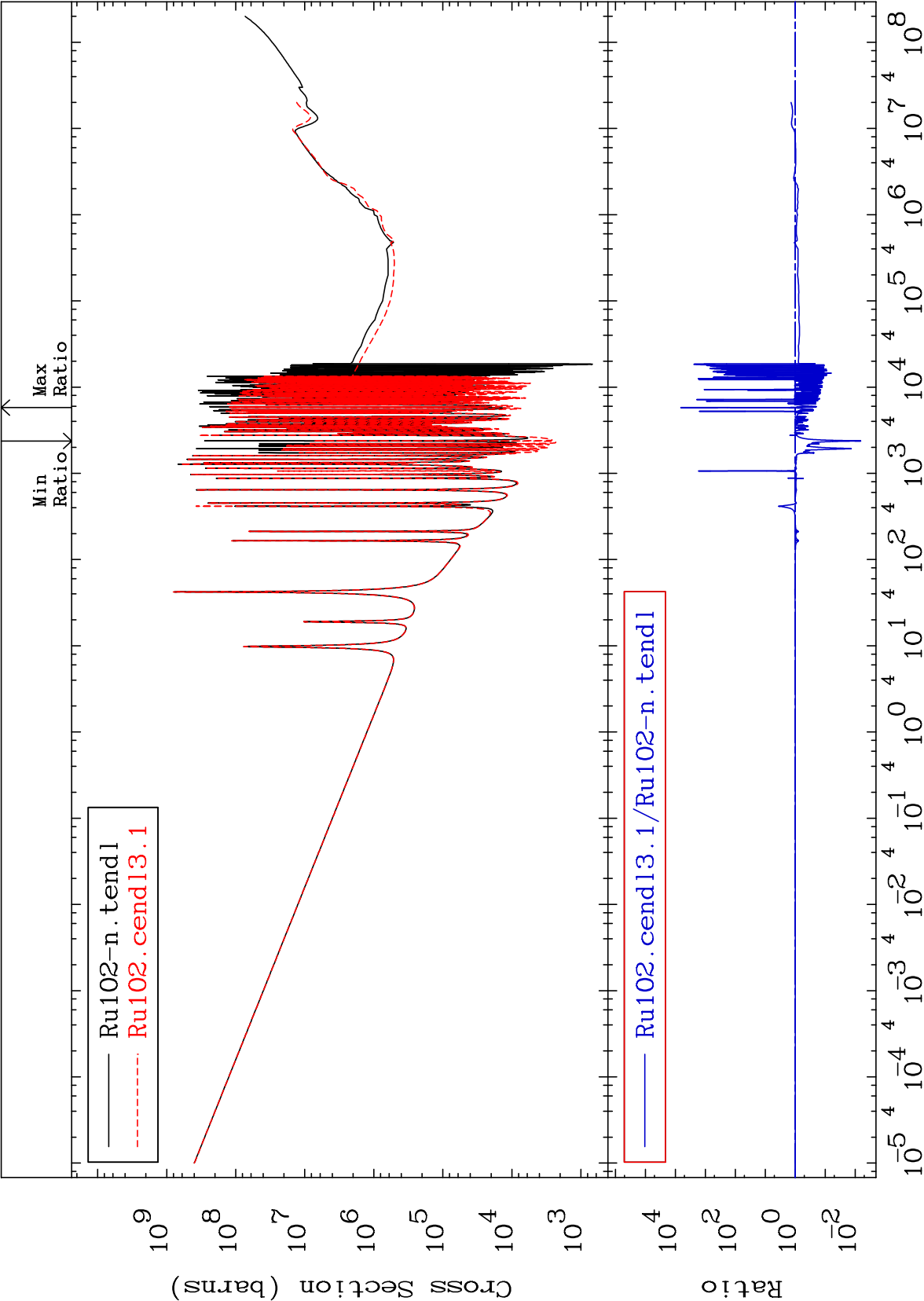
Kerma elastic
Cross Section

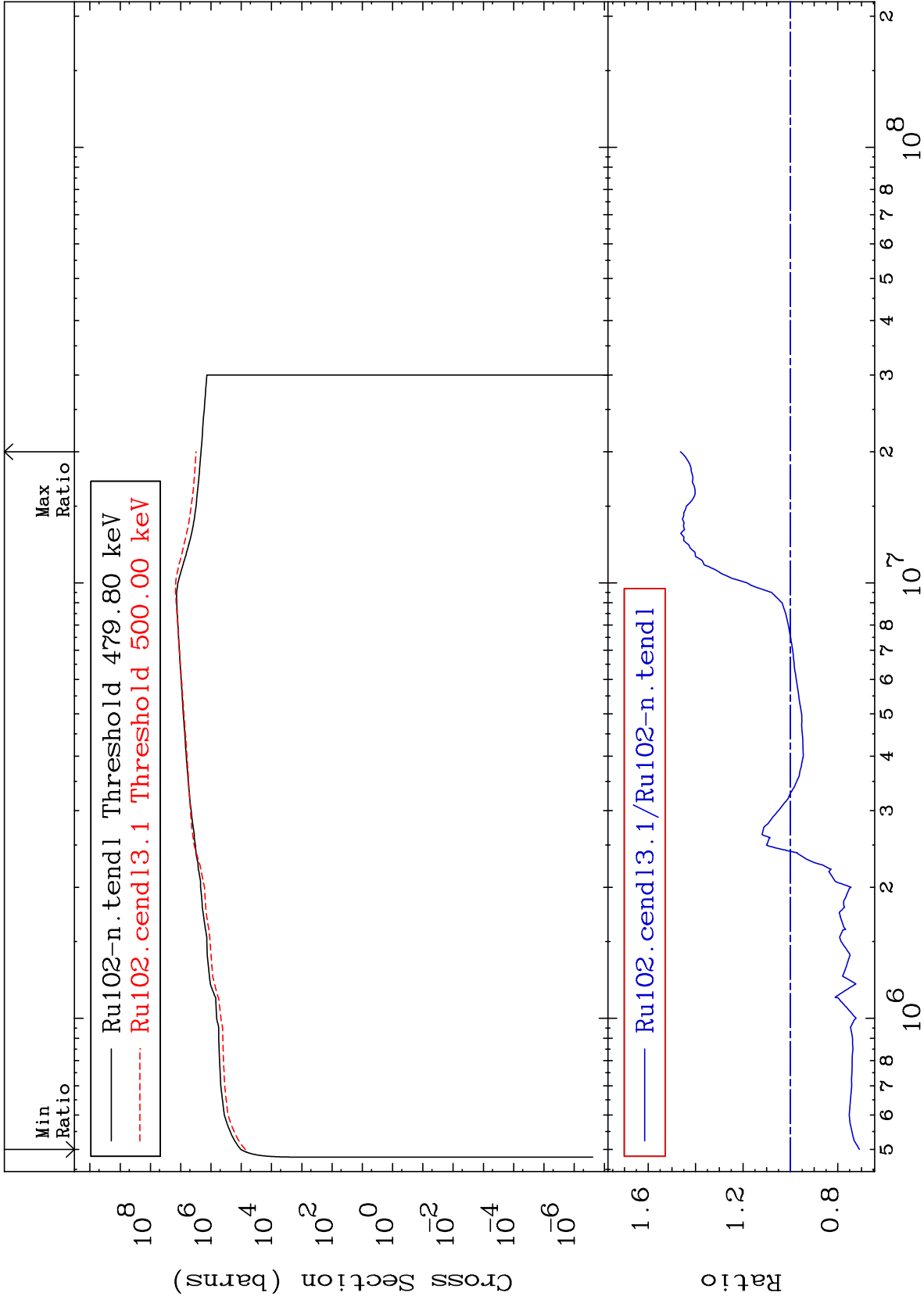
44-Ru-102
-96.92 To 4977. %

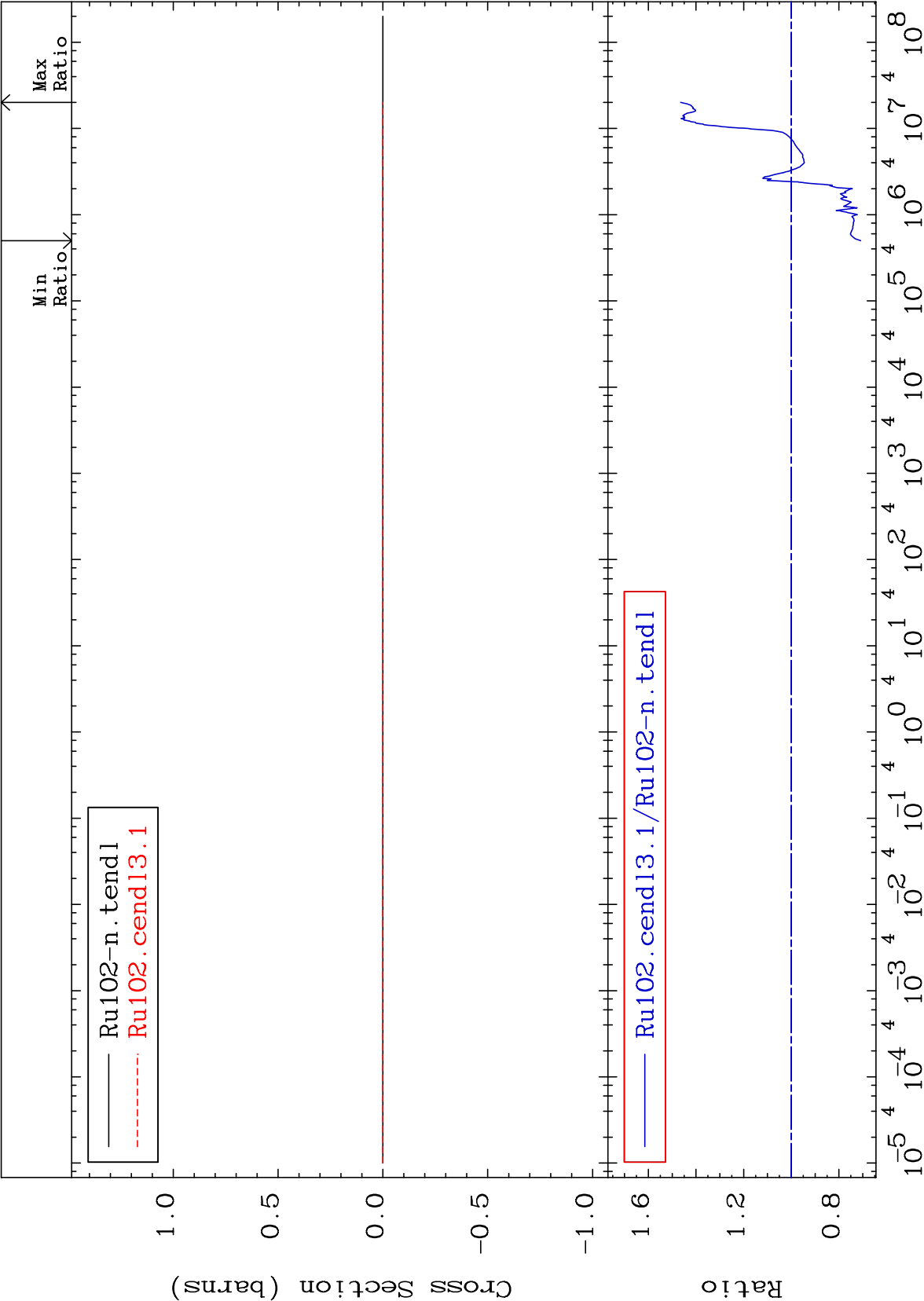


Cross Section

-99.34 To 9999. %

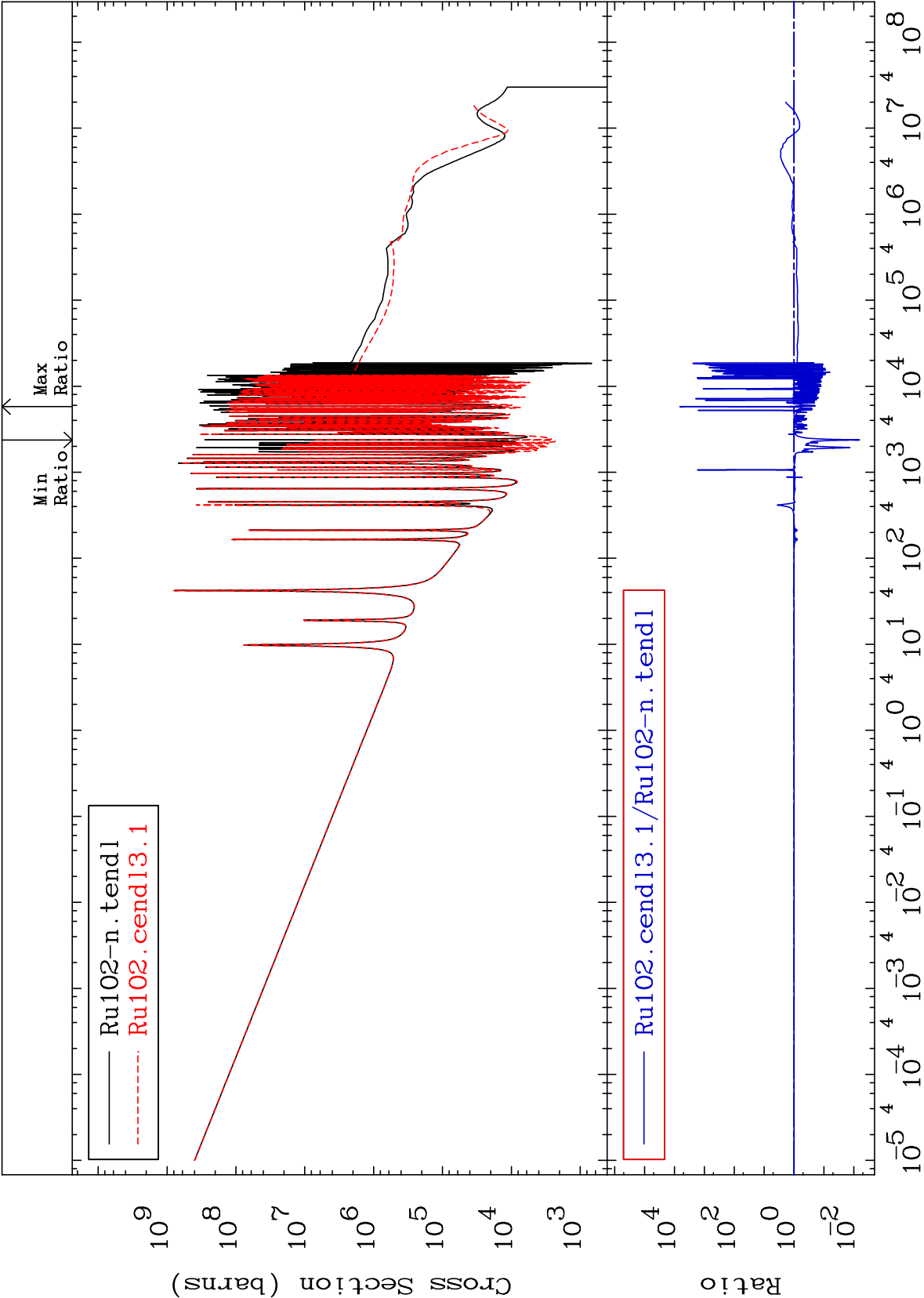






Cross Section

-99.34 To 9999. %



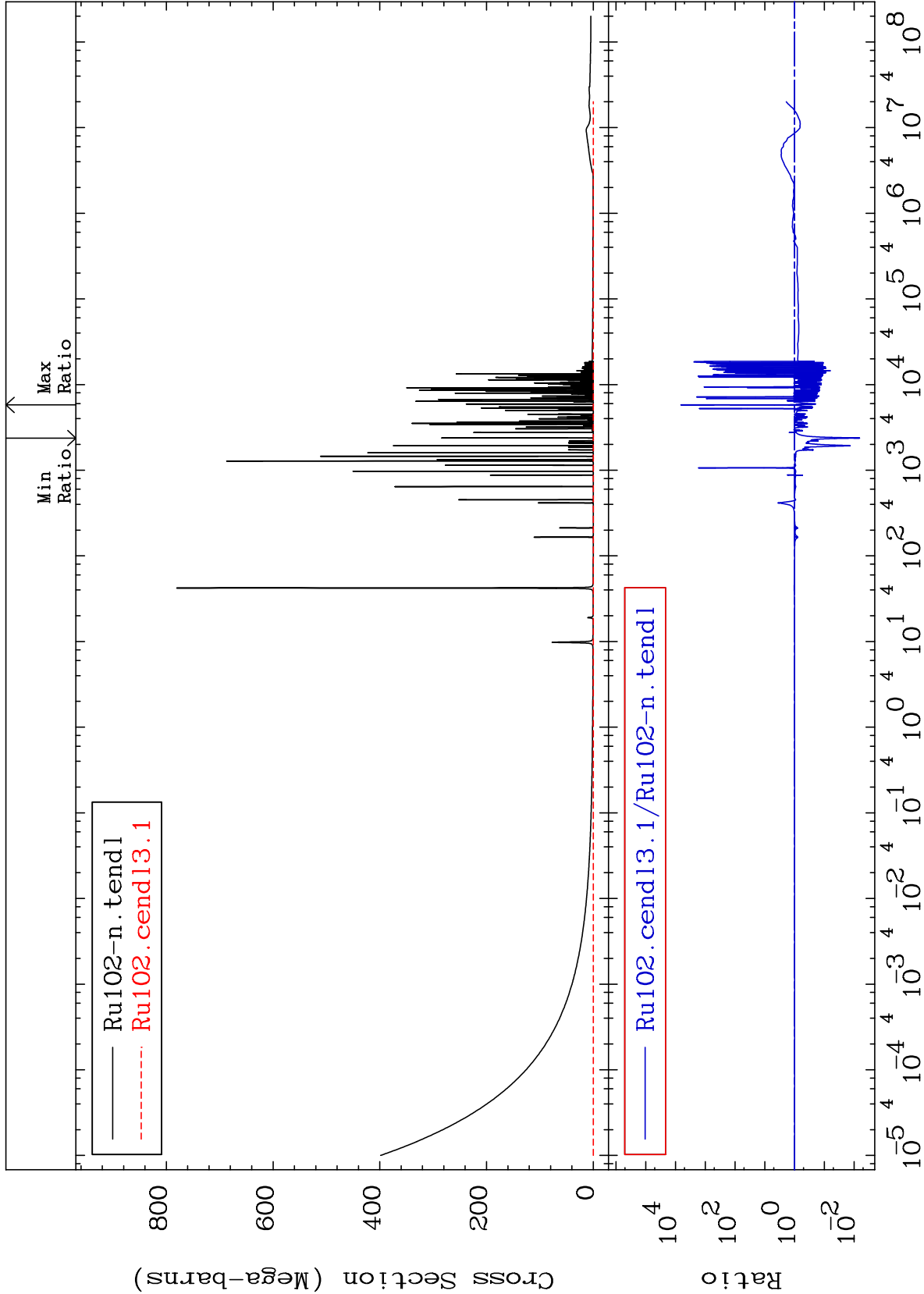
MAT 4443

44-Ru-102

Total photon (eV-barns)

-99.34 To 9999. %

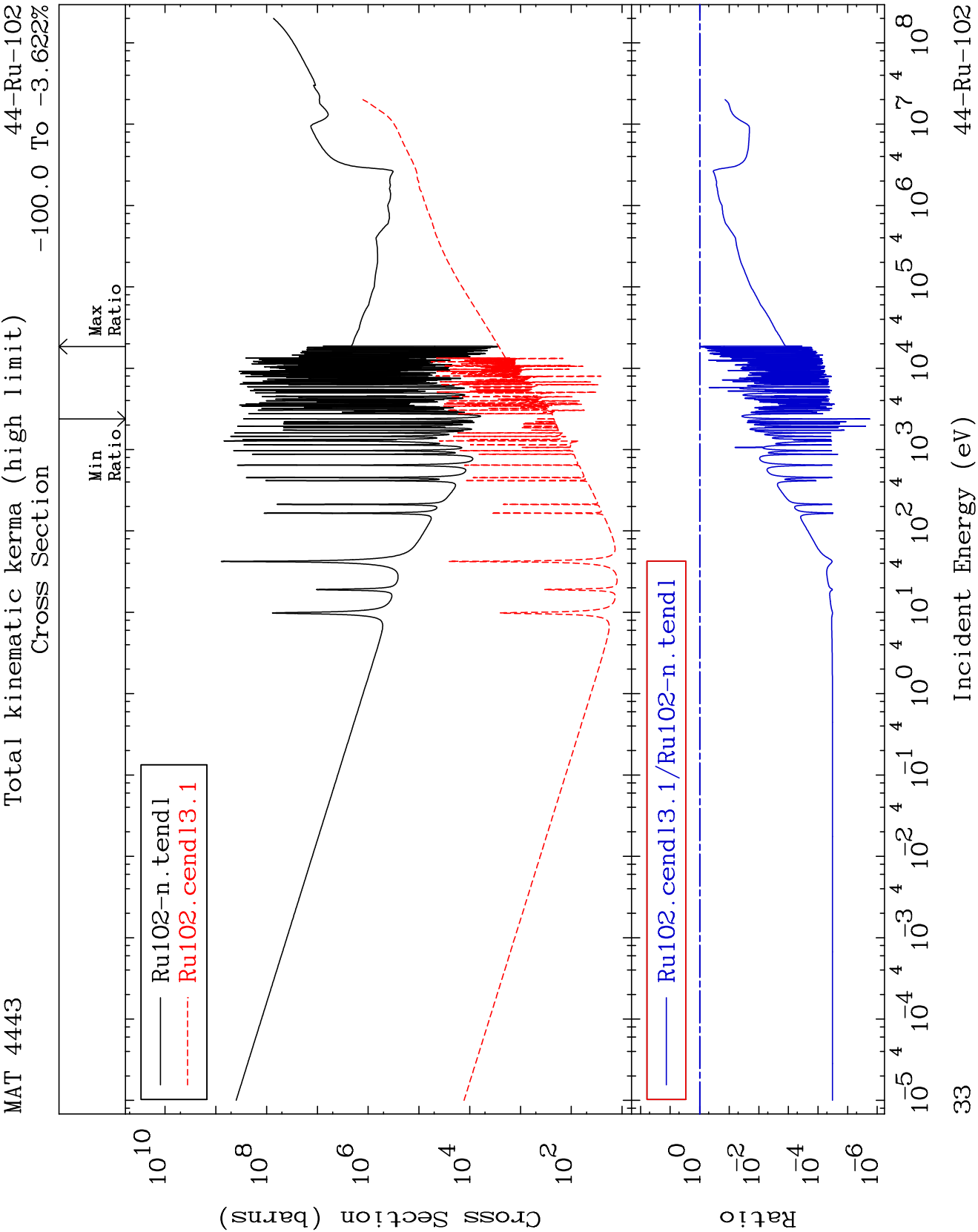
Cross Section



Incident Energy (eV)

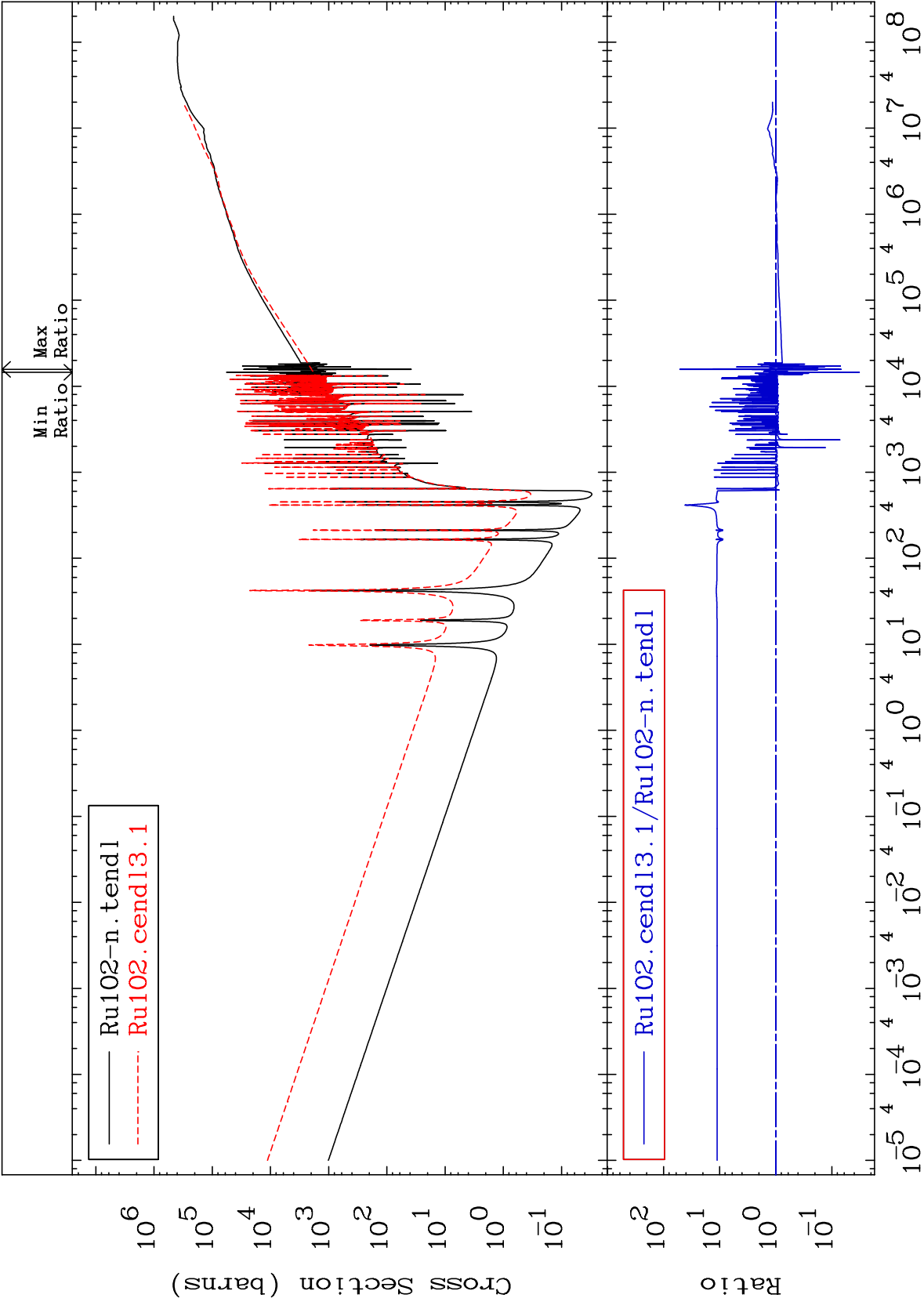
44-Ru-102

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Cross Section

-96.76 To 5059. %



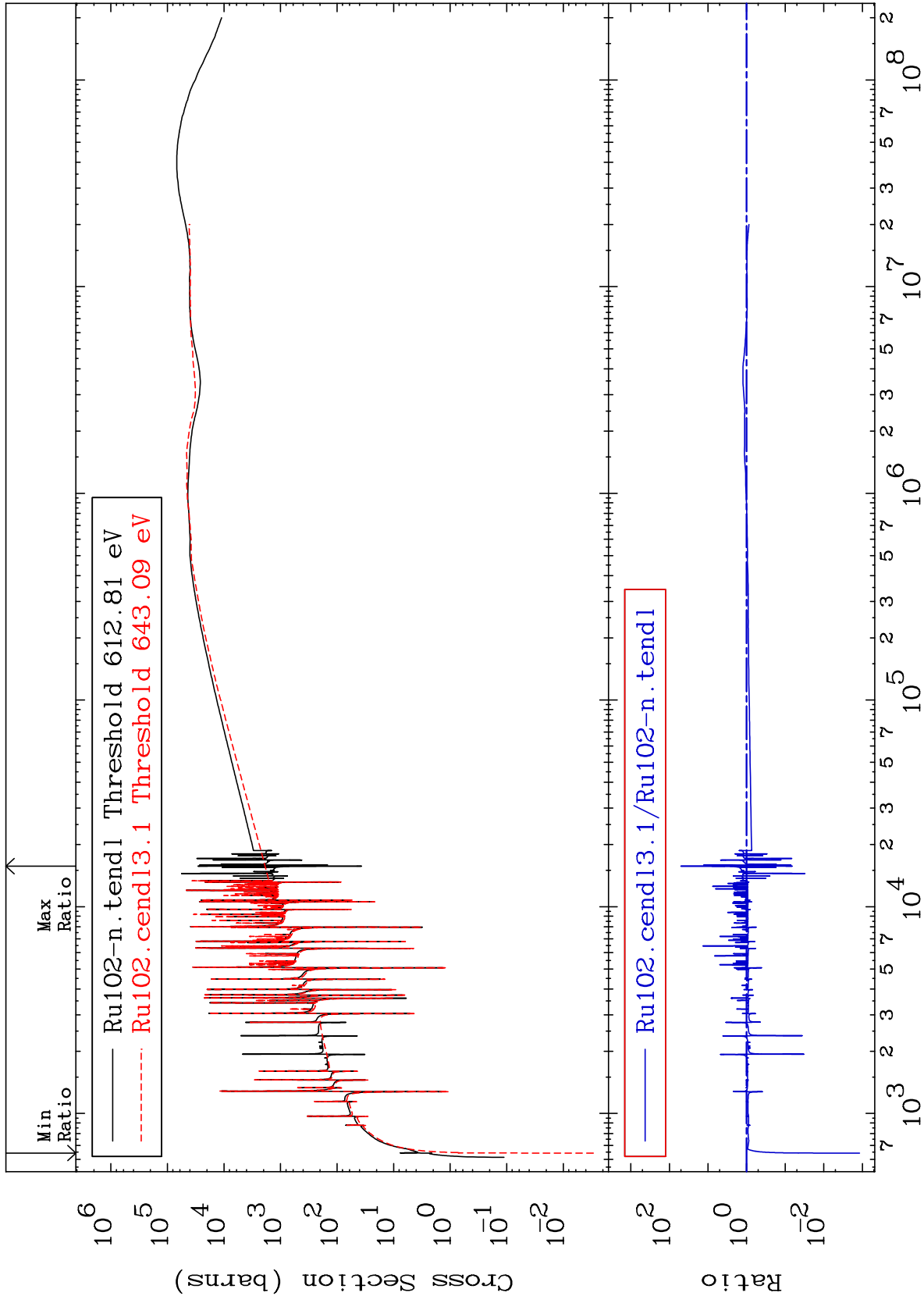
MAT 4443

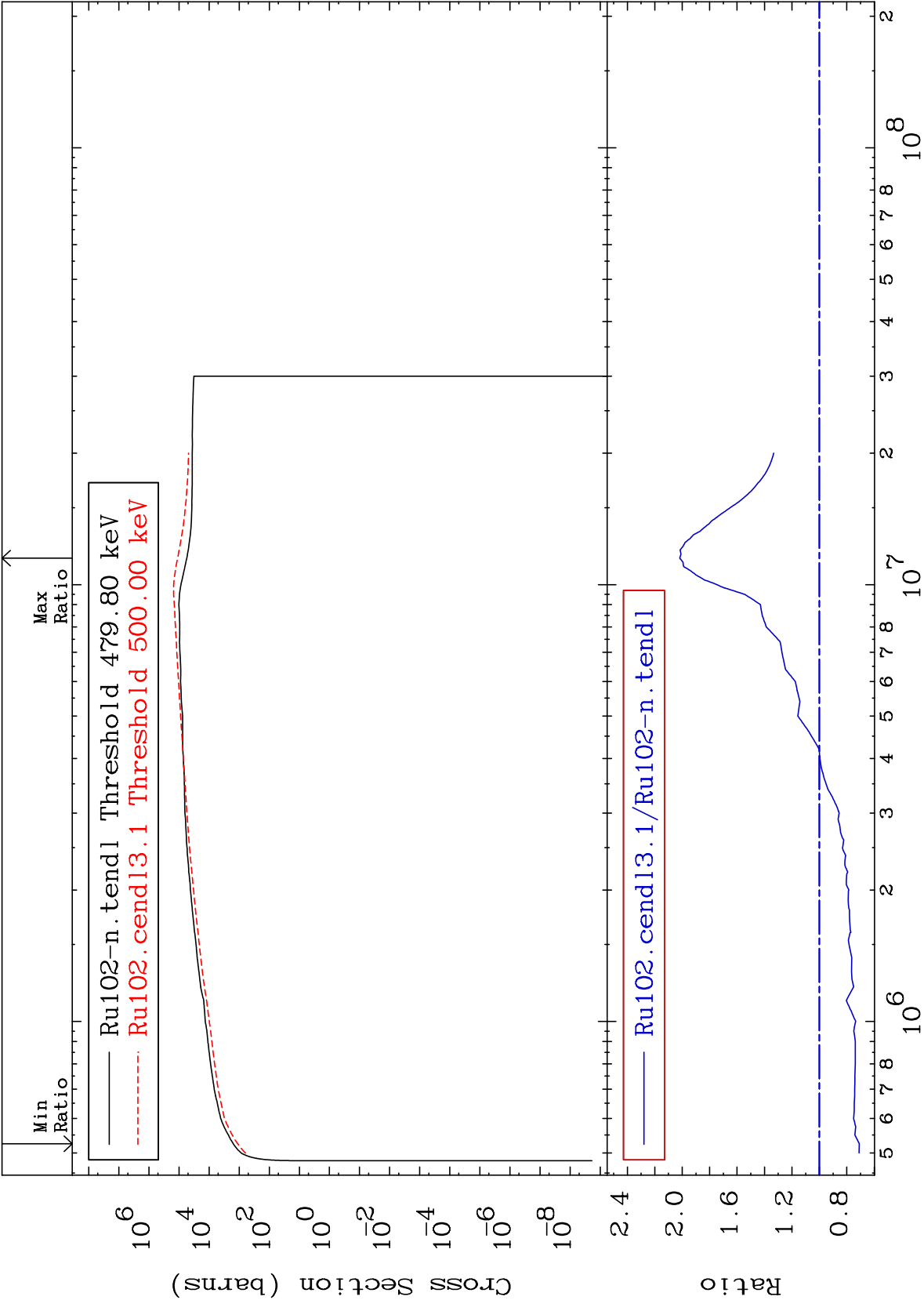
Dpa elastic (mt2)

44-Ru-102

-99.88 To 4977. %

Cross Section





Cross Section

-91.70 To 9999. %

