

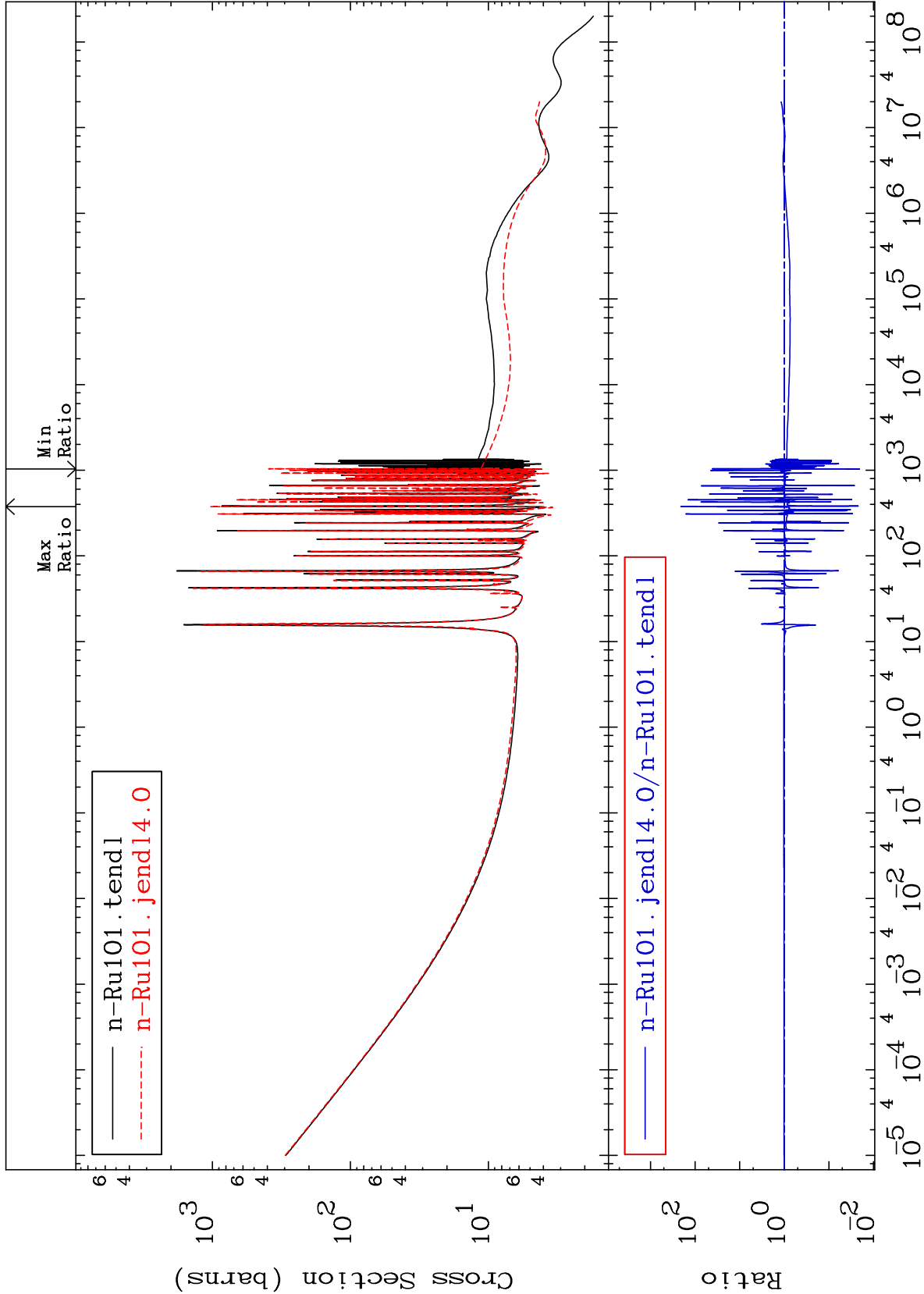
MAT 4440

Total

44-Ru-101

Cross Section

-97.95 To 9999. %



44-Ru-101

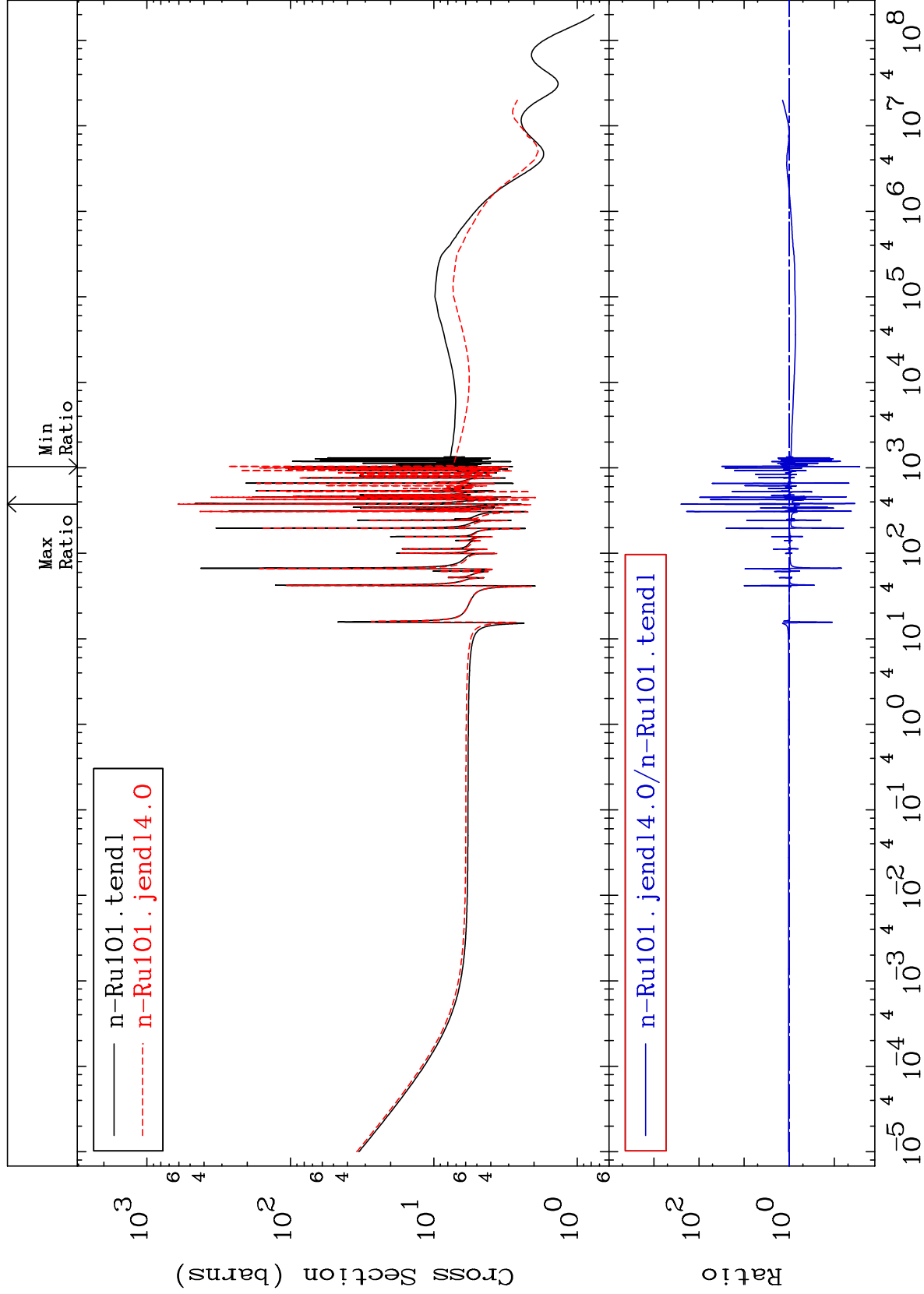
MAT 4440

Elastic

44-Ru-101

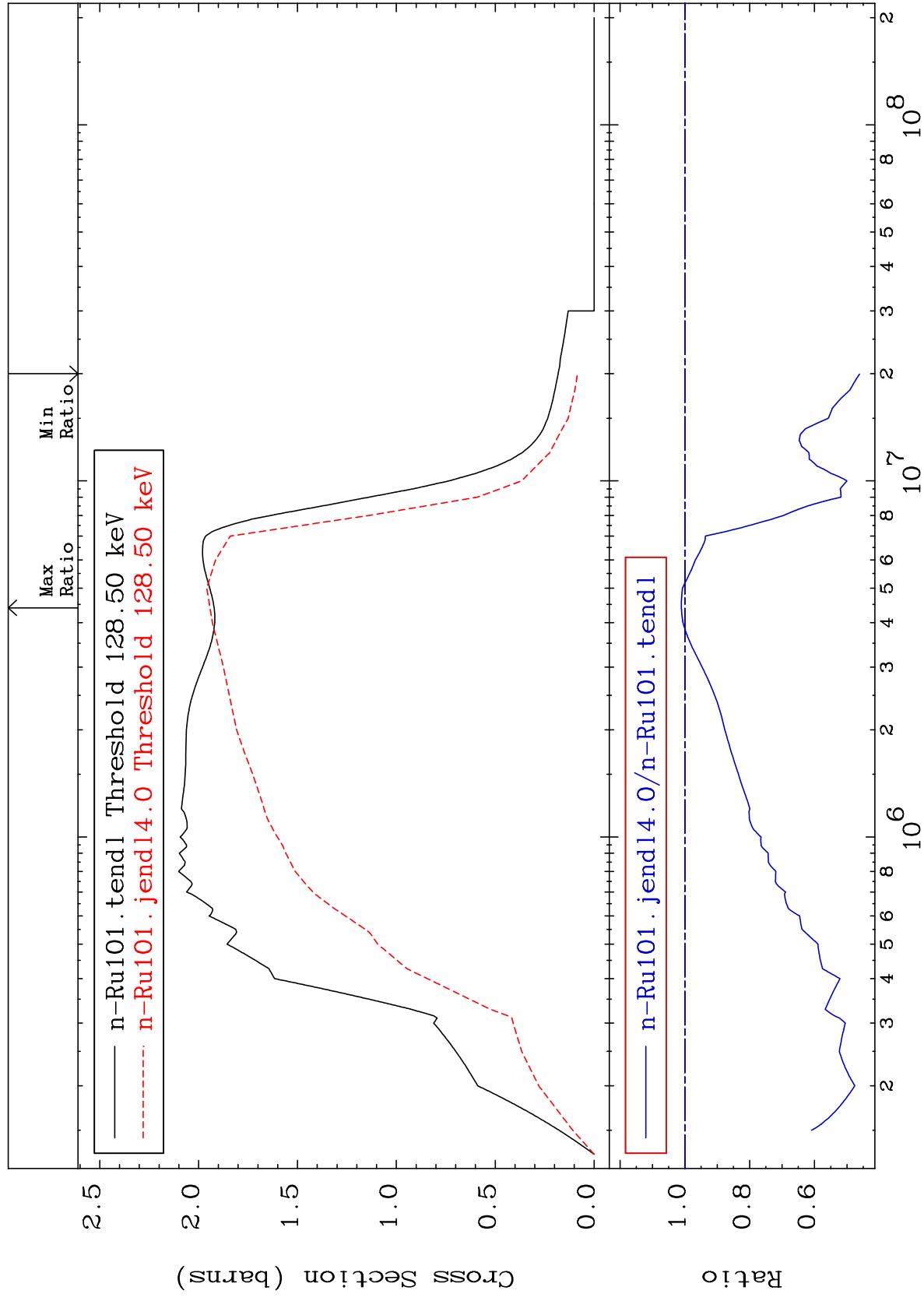
Cross Section

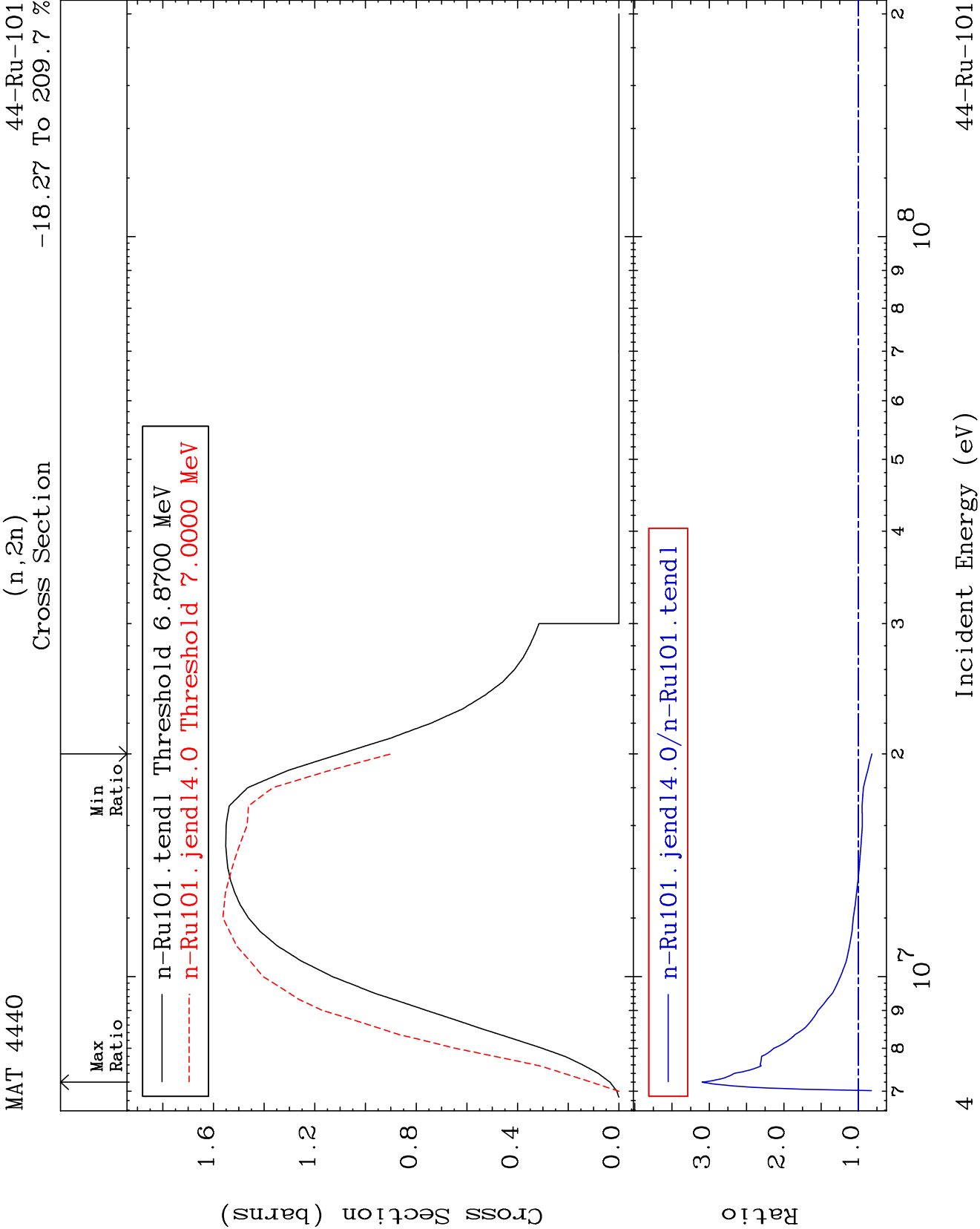
-97.24 To 9999. %

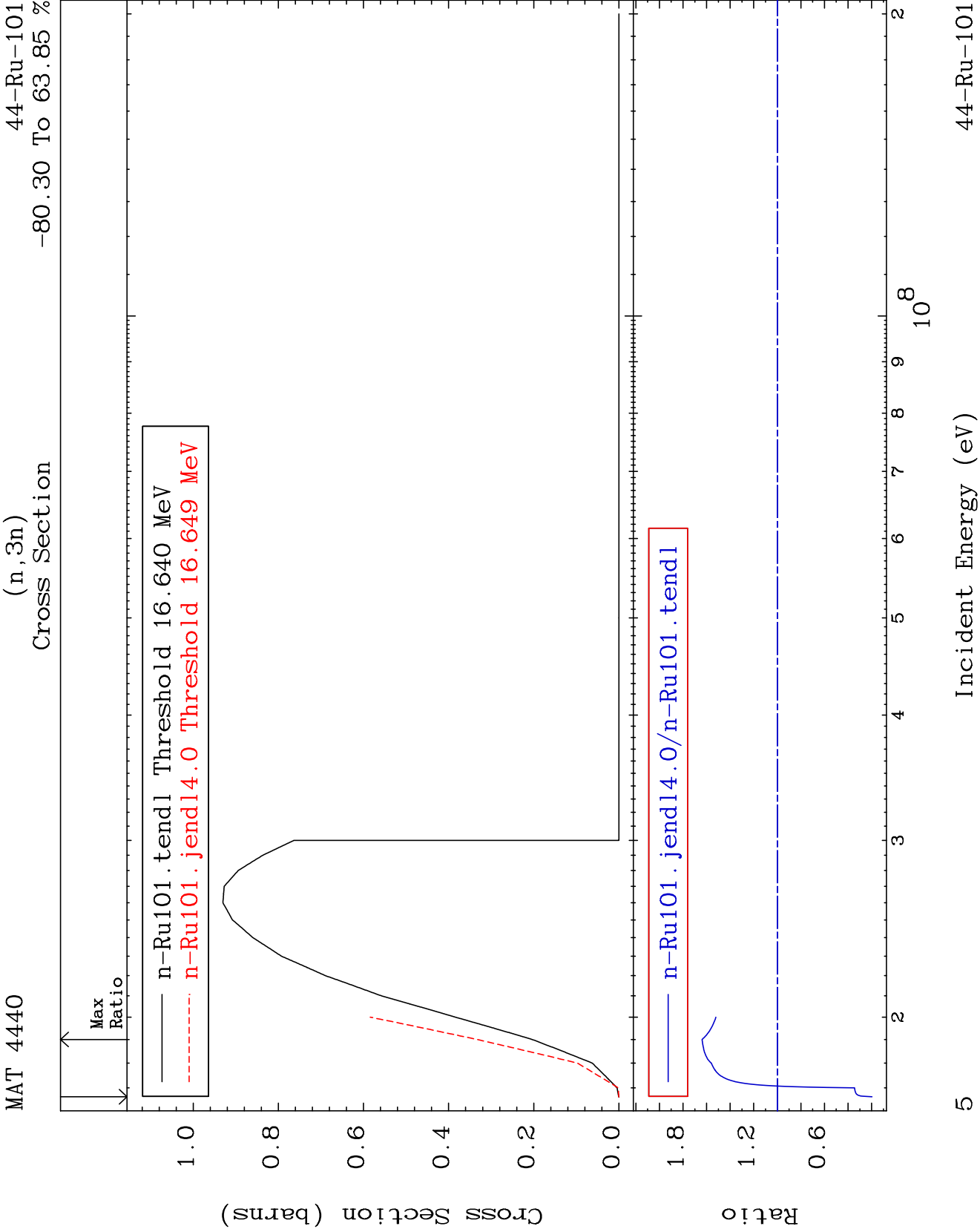


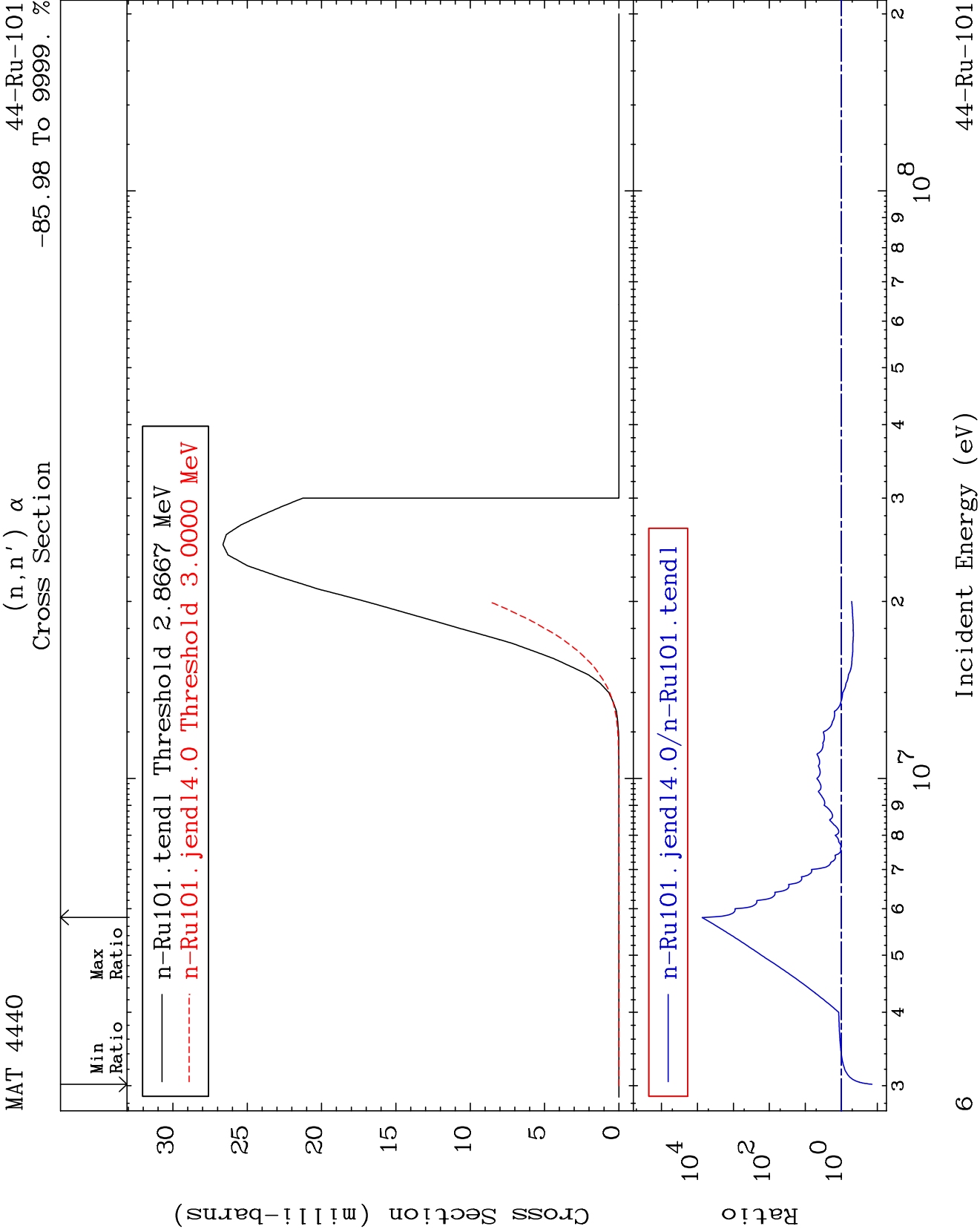
Incident Energy (eV)

44-Ru-101





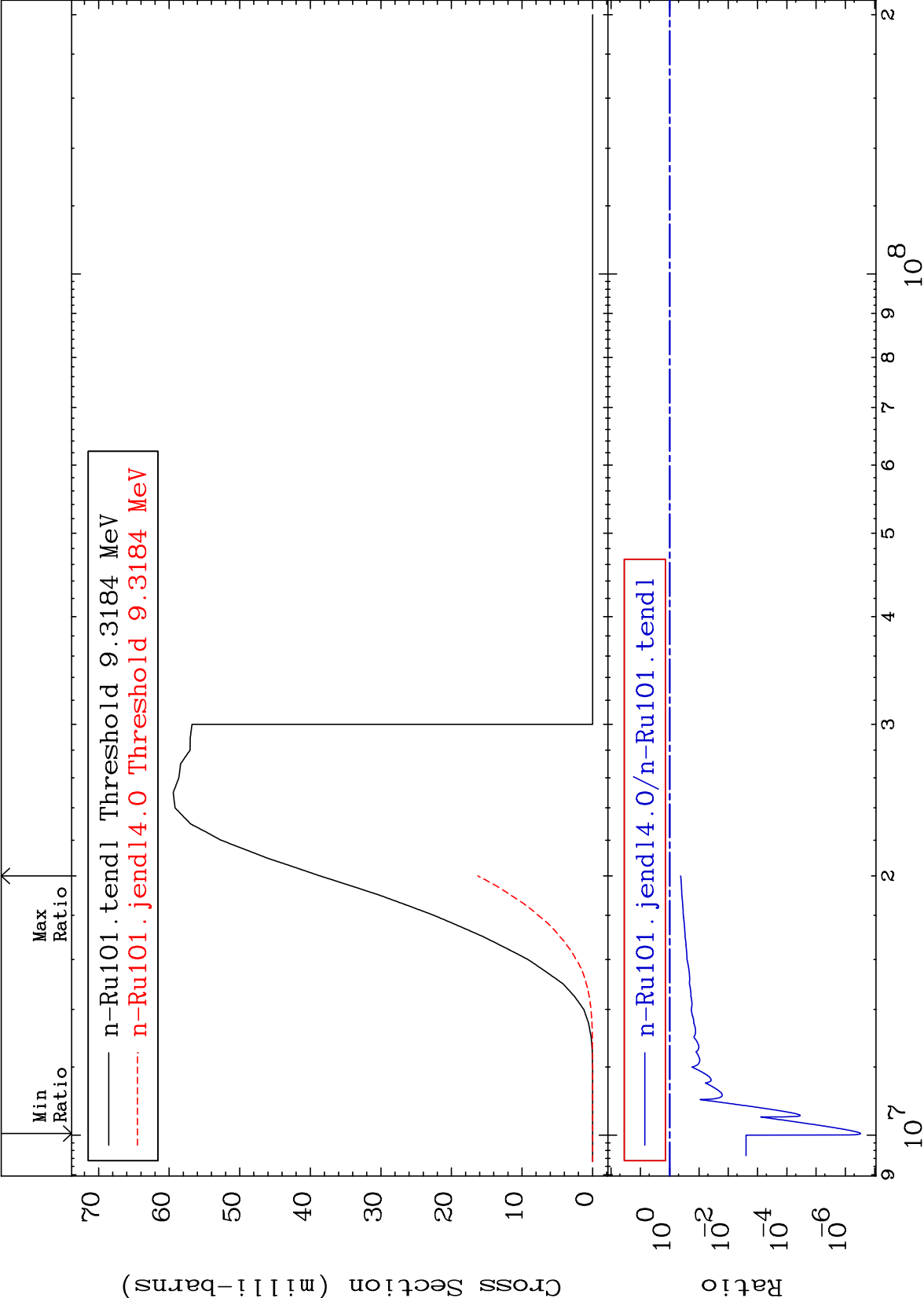


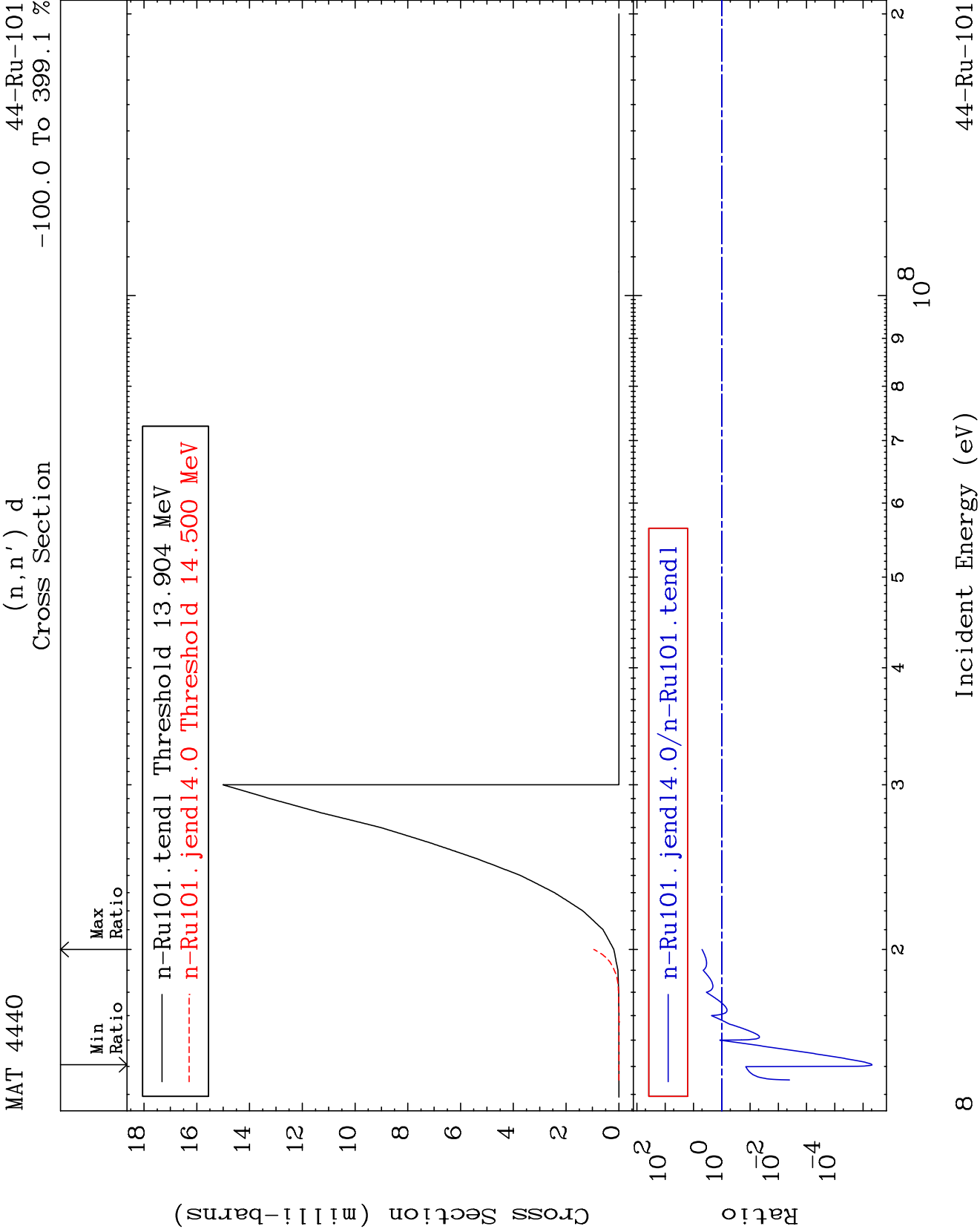


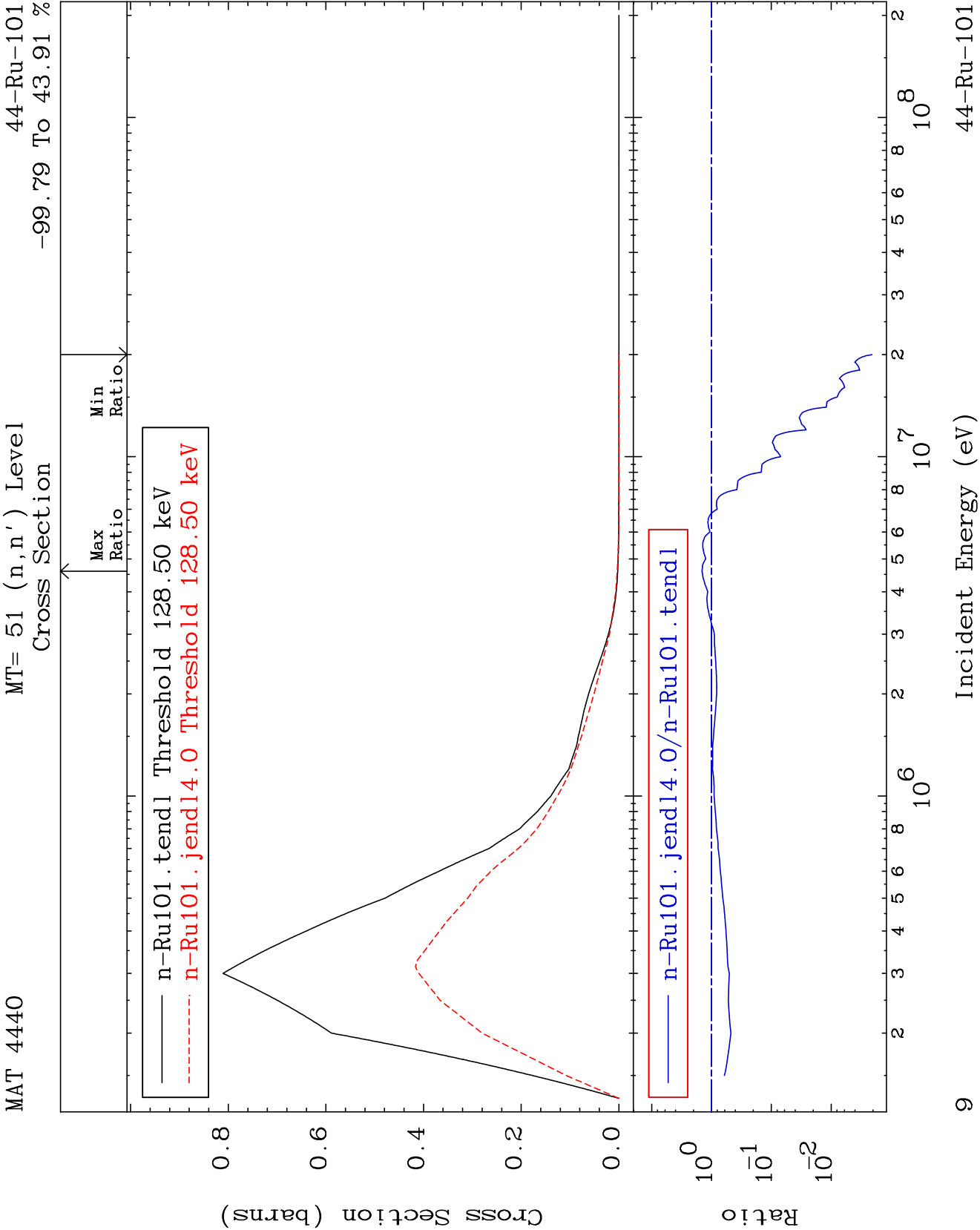
MAT 4440

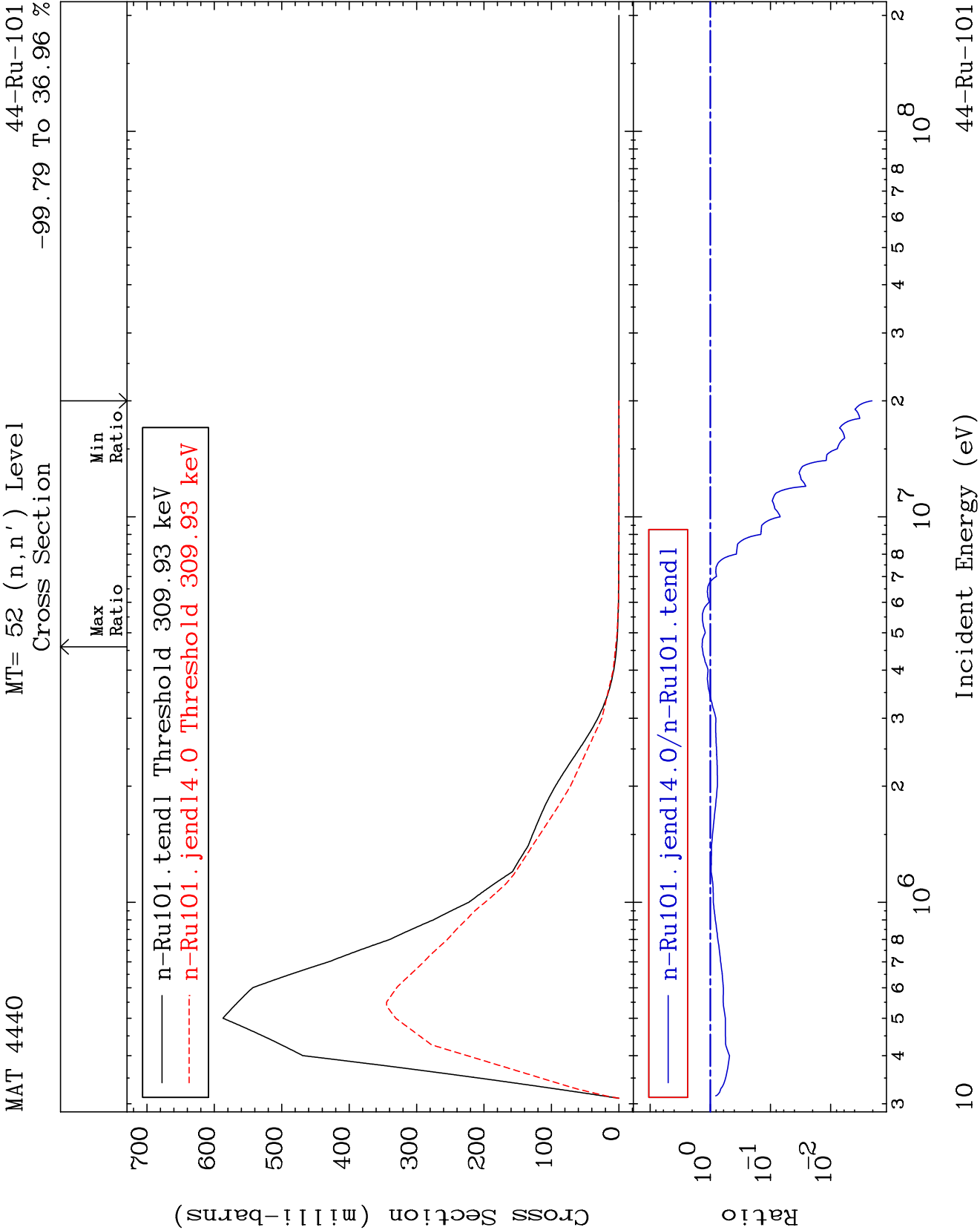
(n,n') p
Cross Section

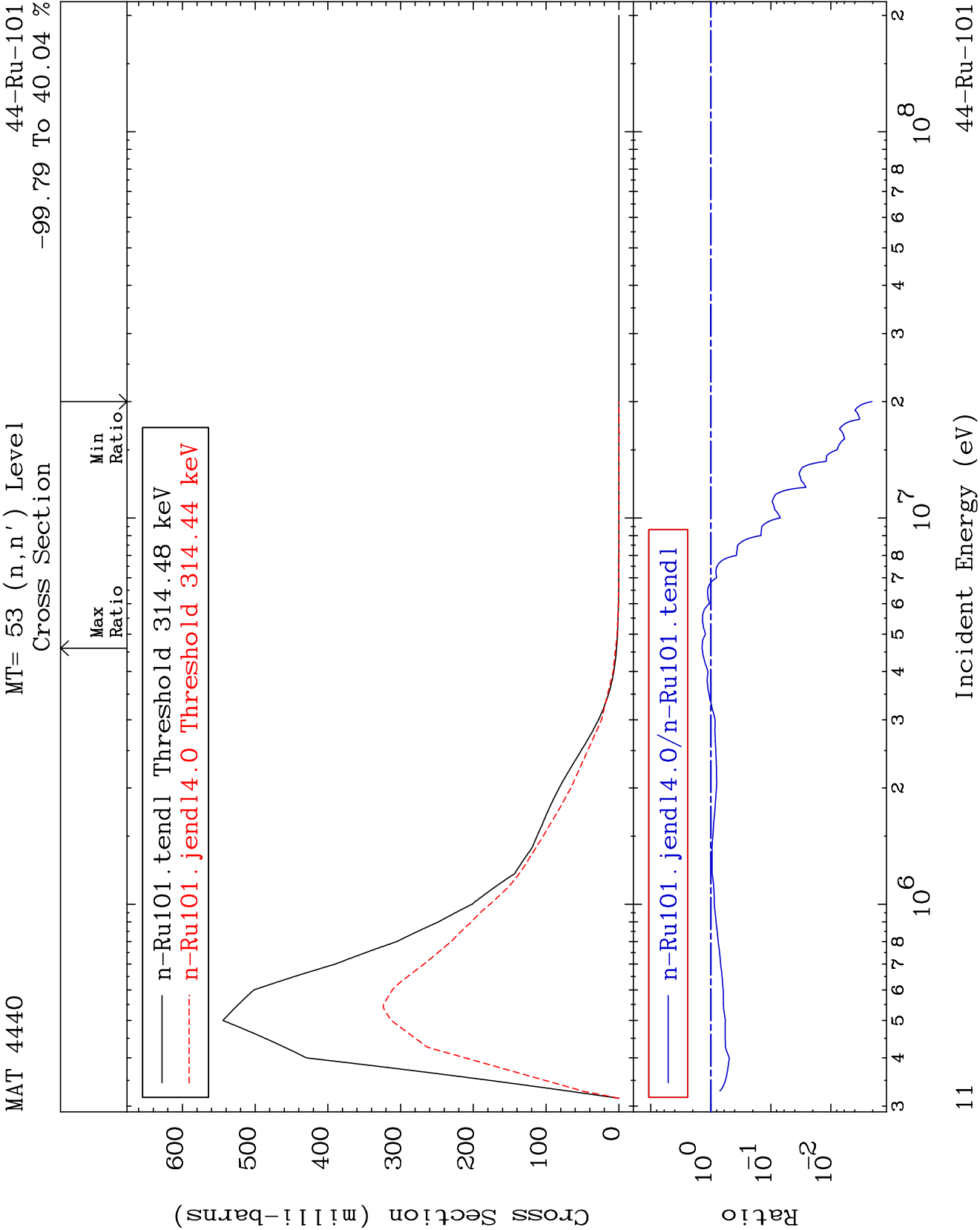
44-Ru-101
-100.0 To -57.84%











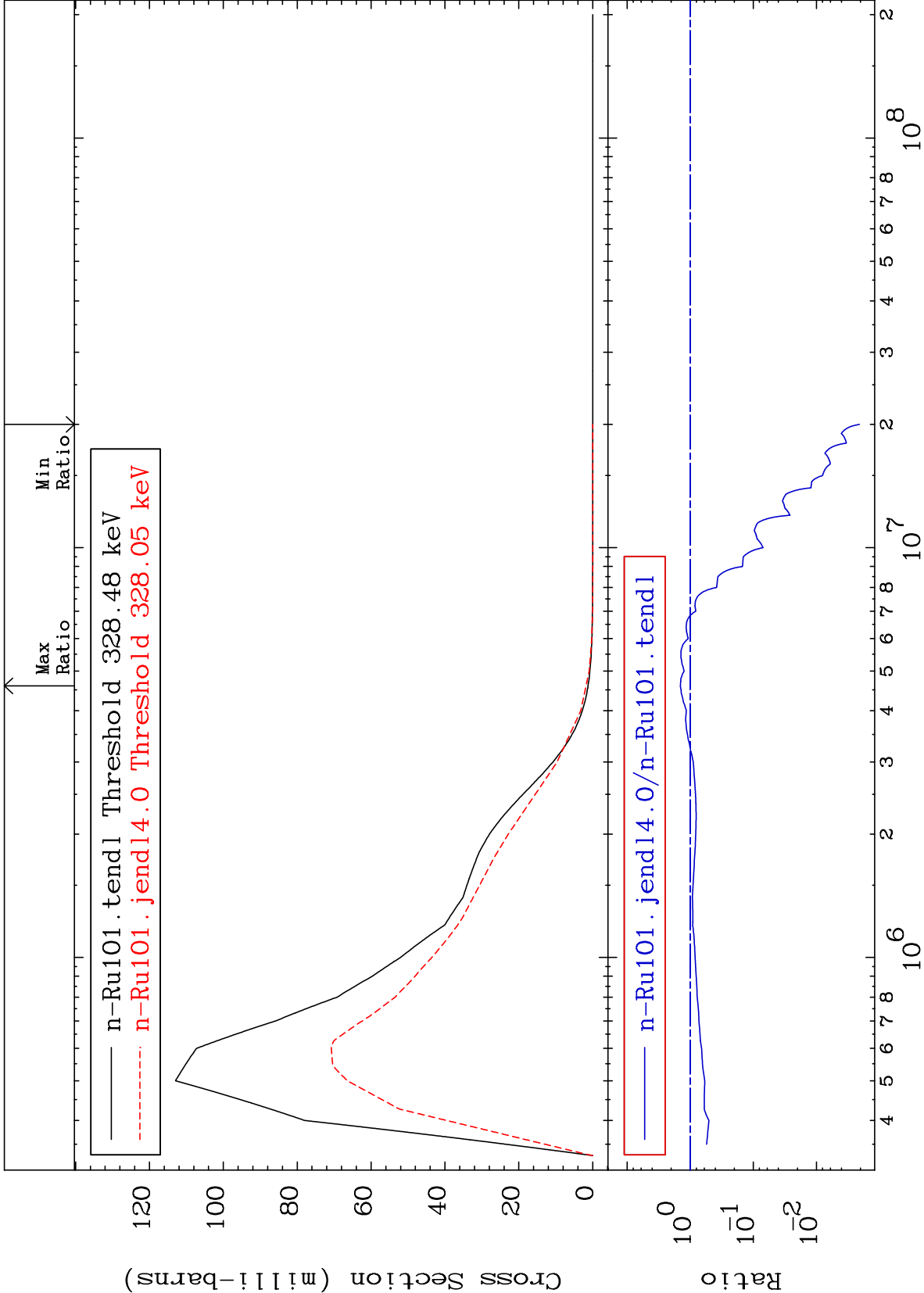
MAT 4440

MT= 54 (n,n') Level

44-Ru-101

-99.79 To 43.13 %

Cross Section



12

Incident Energy (eV)

44-Ru-101

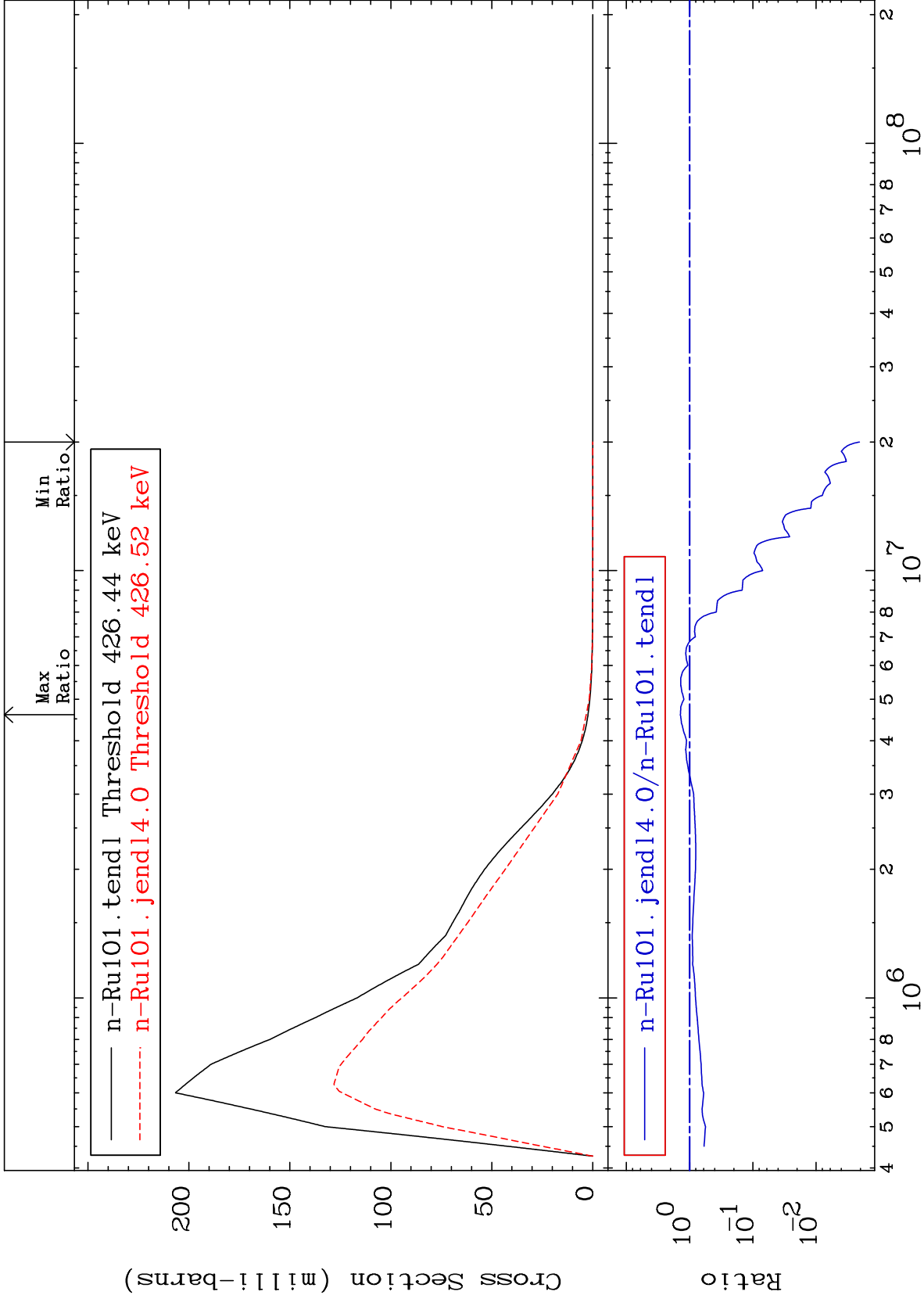
MAT 4440

MT= 55 (n,n') Level

44-Ru-101

-99.79 To 40.19 %

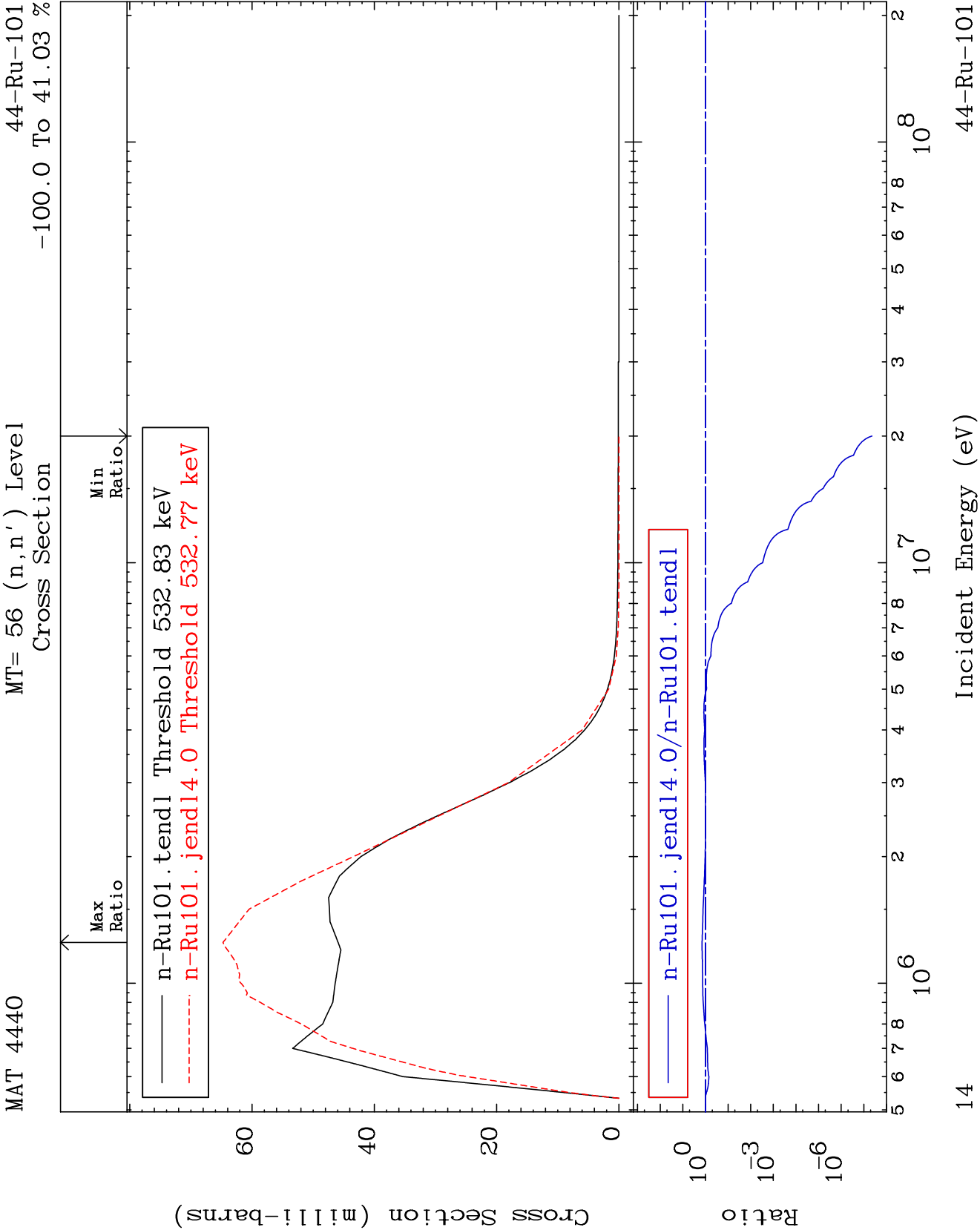
Cross Section



13

Incident Energy (eV)

44-Ru-101



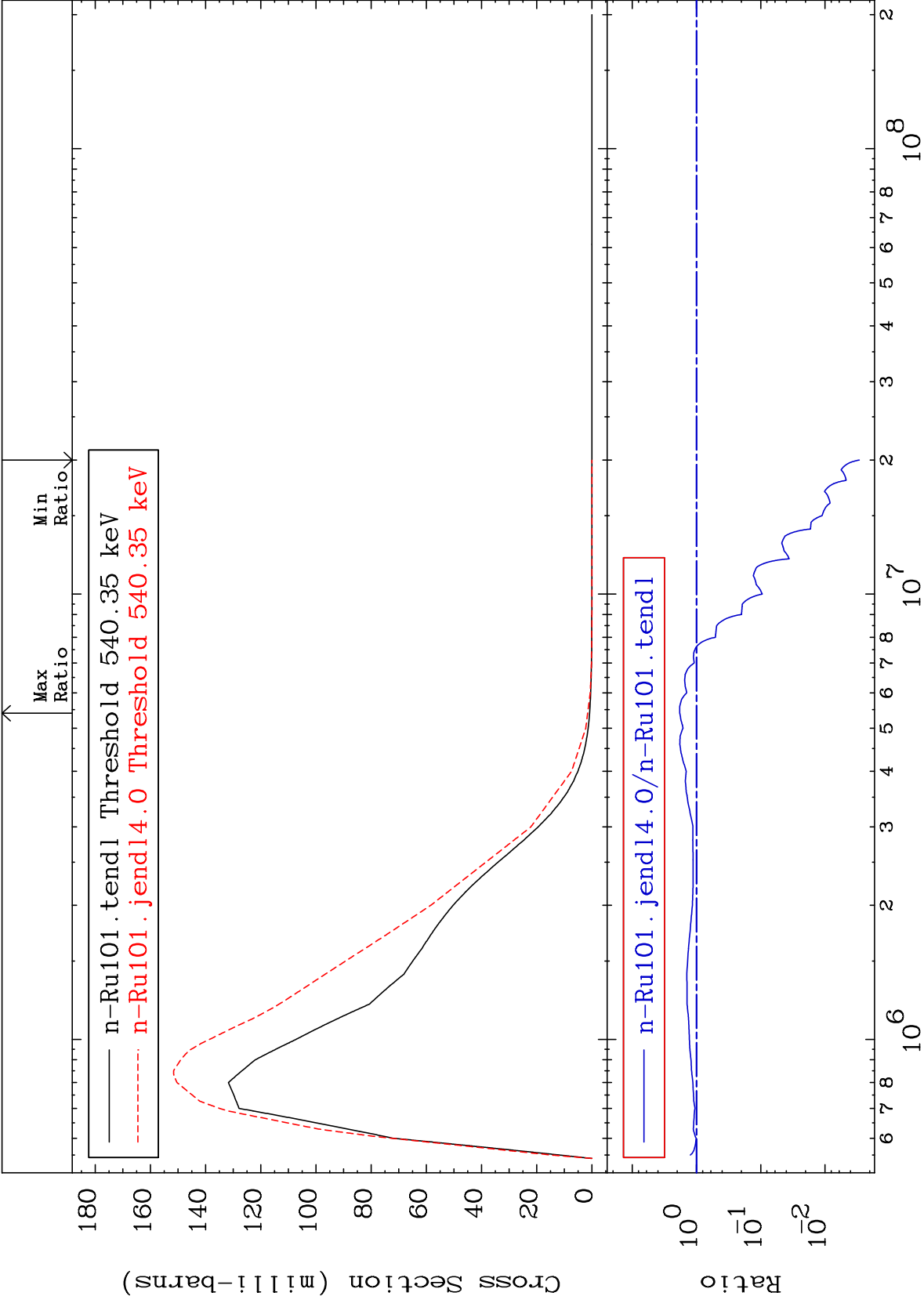
MAT 4440

MT= 57 (n,n') Level

44-Ru-101

-99.71 To 82.54 %

Cross Section



15

Incident Energy (eV)

44-Ru-101

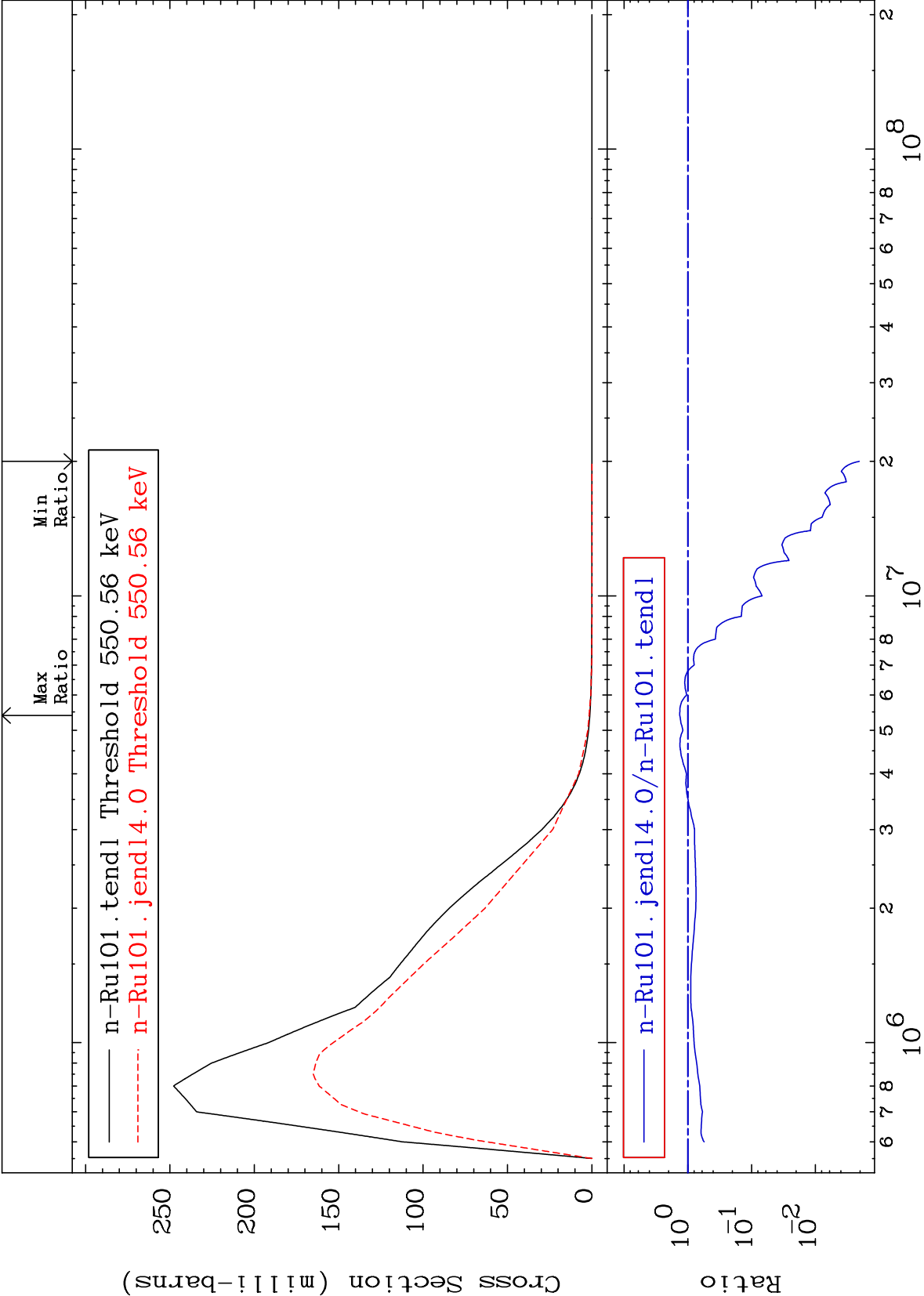
MAT 4440

MT= 58 (n,n') Level

44-Ru-101

-99.79 To 34.03 %

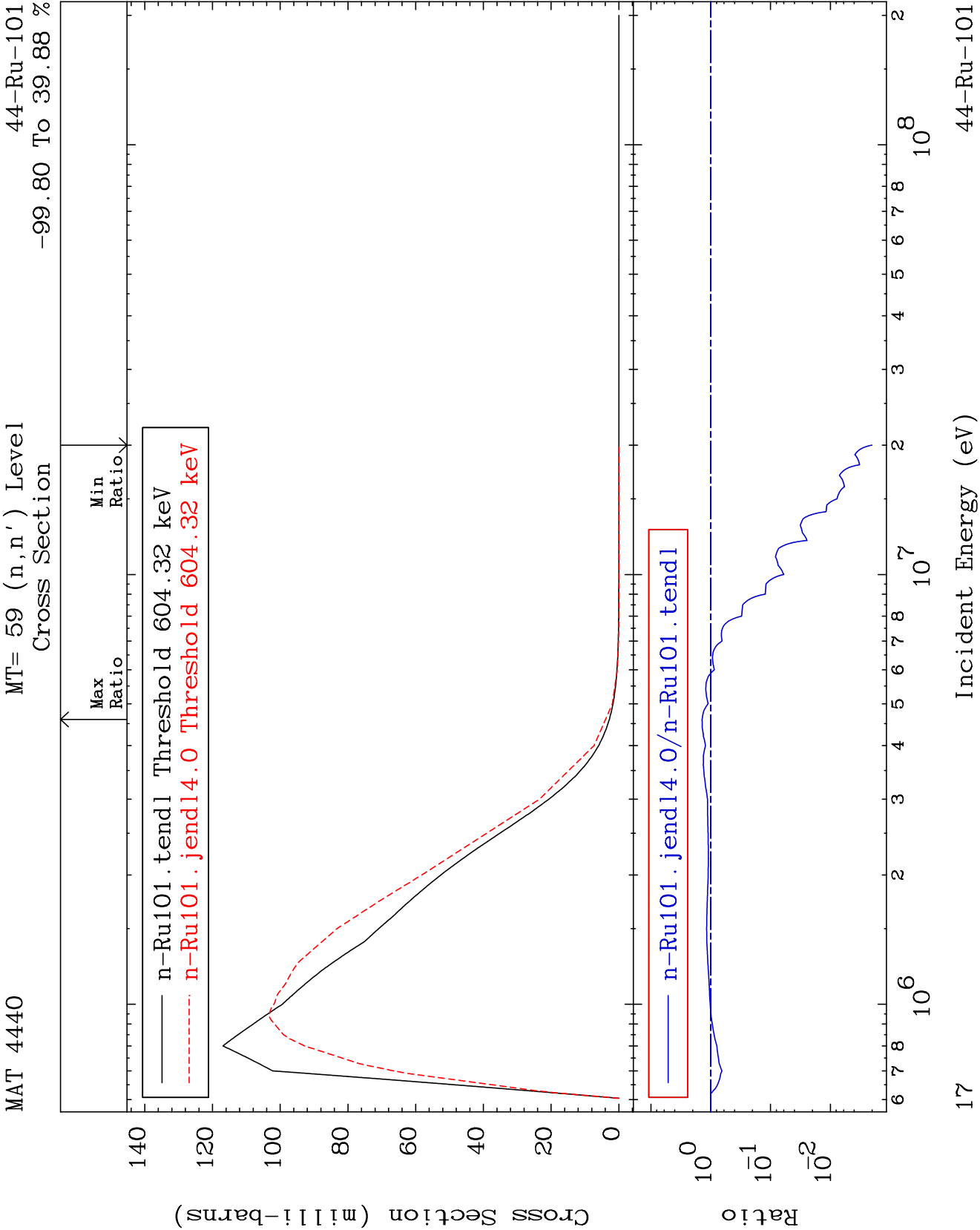
Cross Section



16

Incident Energy (eV)

44-Ru-101



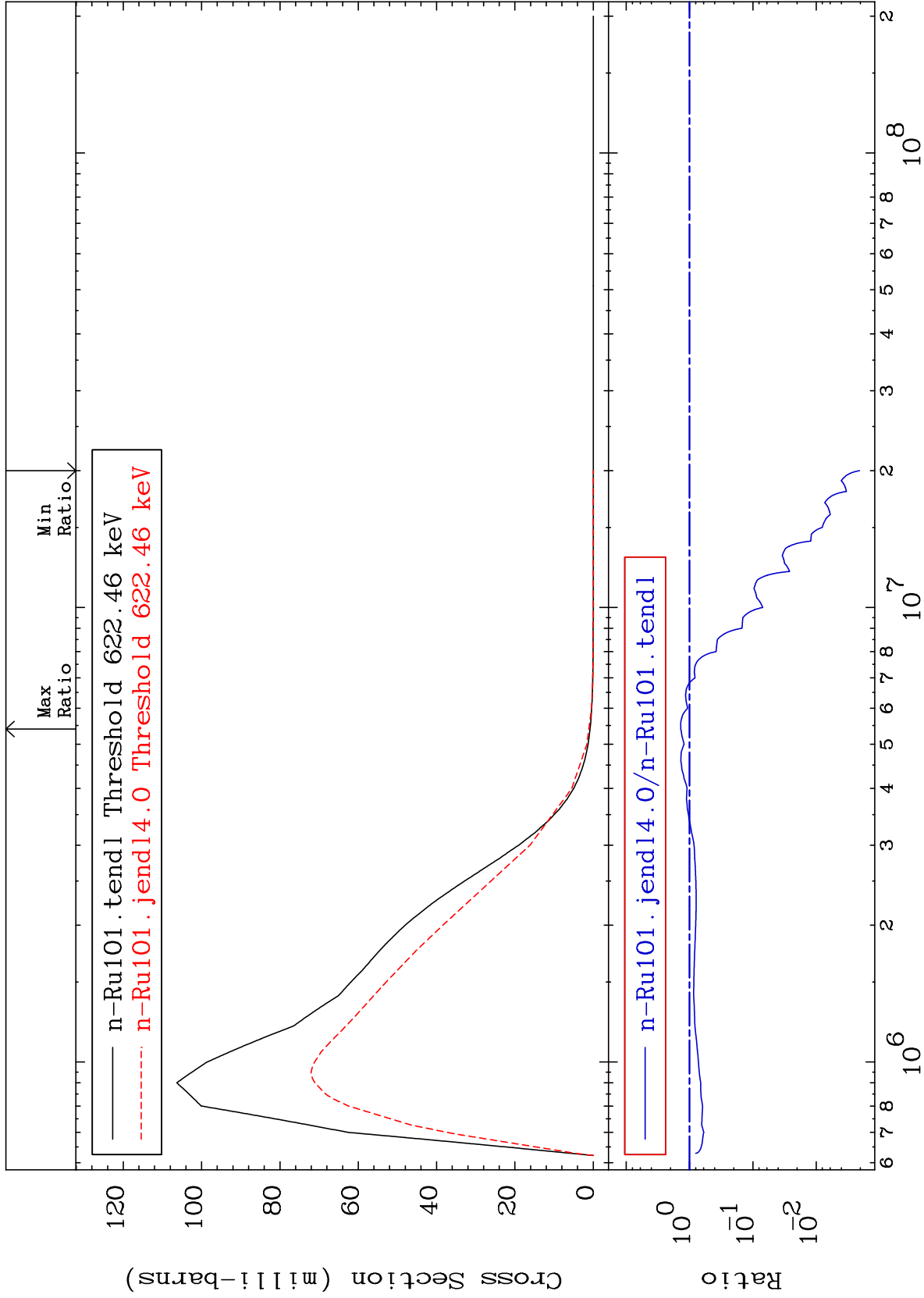
MAT 4440

MT= 60 (n,n') Level

44-Ru-101

-99.79 To 37.52 %

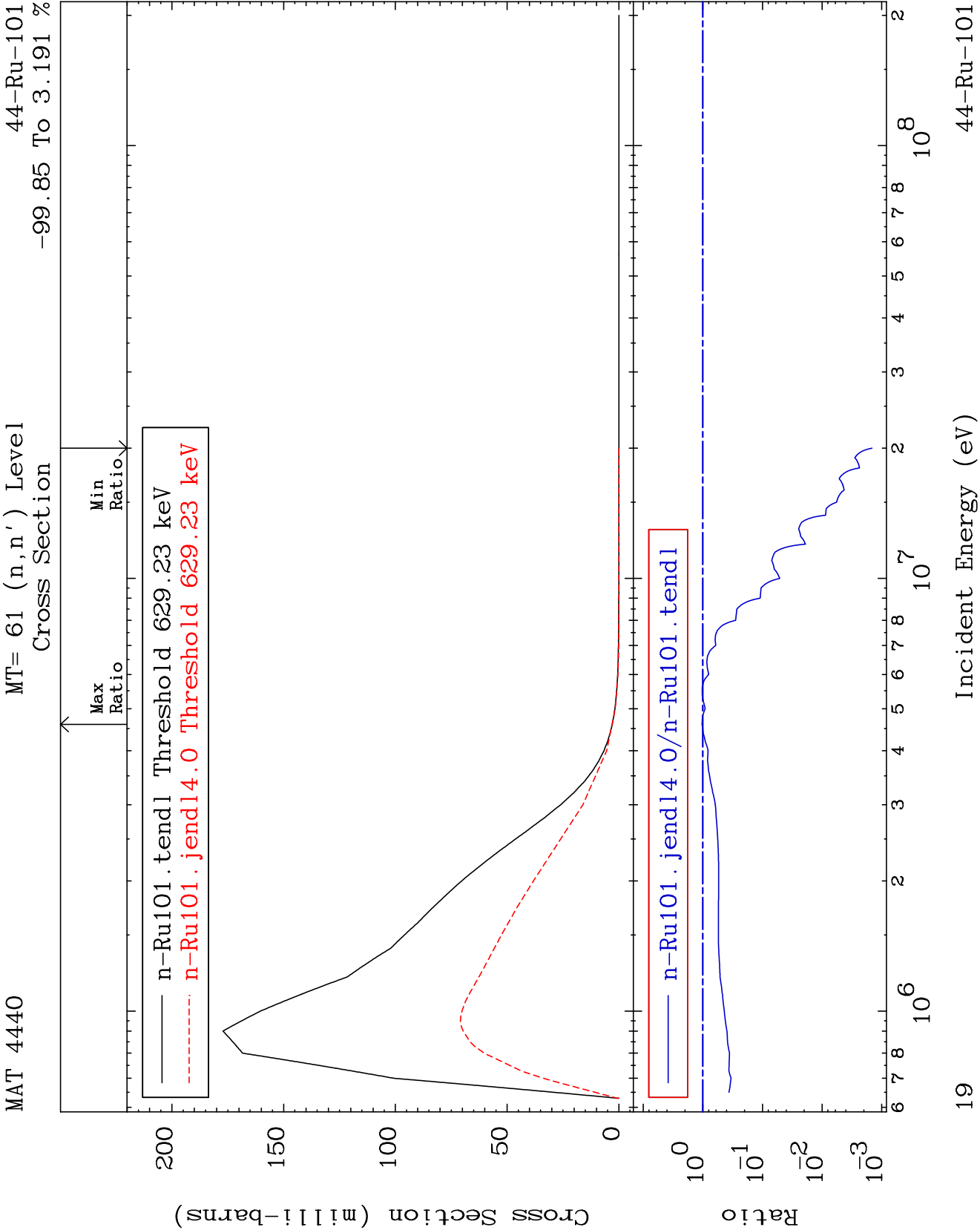
Cross Section

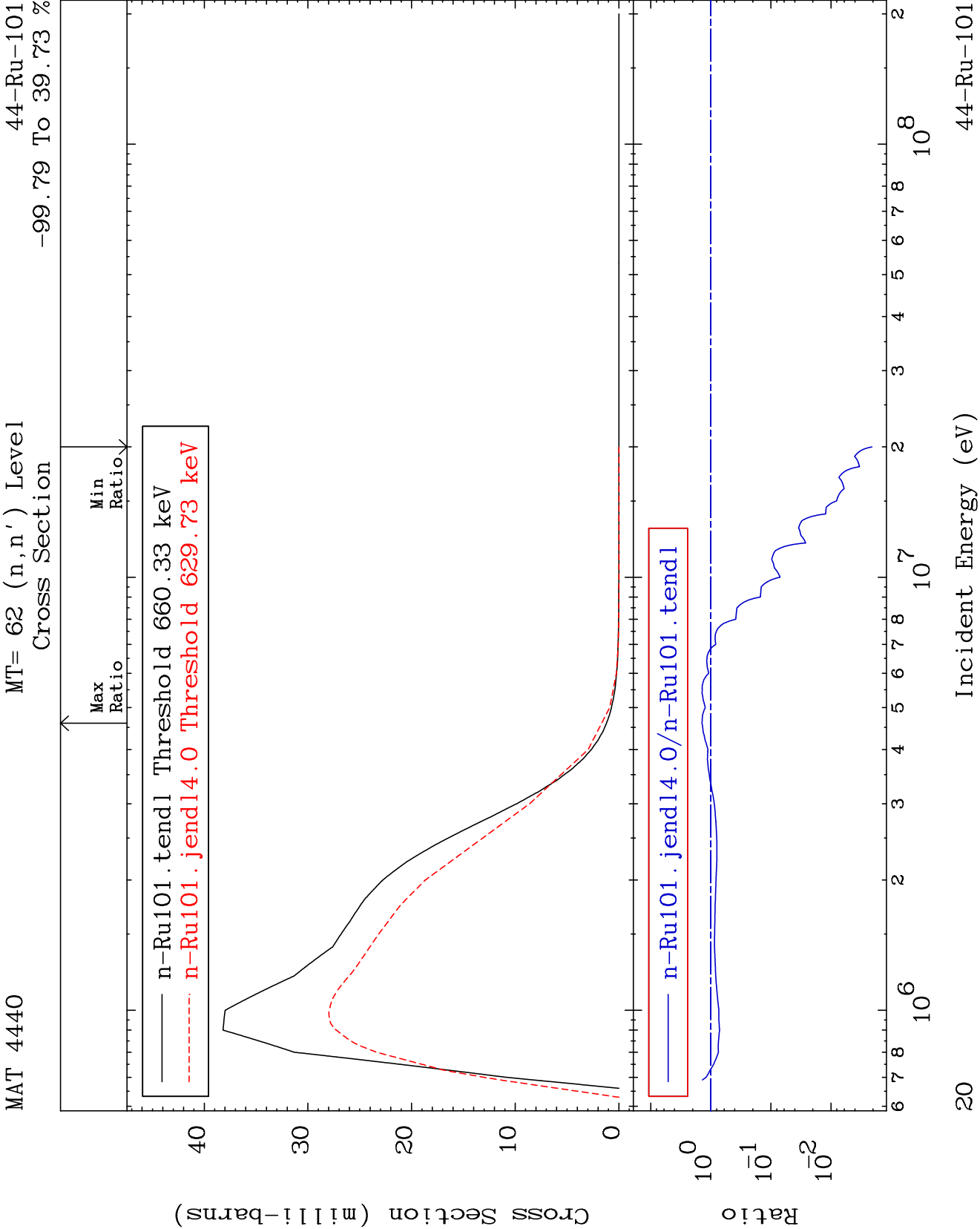


18

Incident Energy (eV)

44-Ru-101





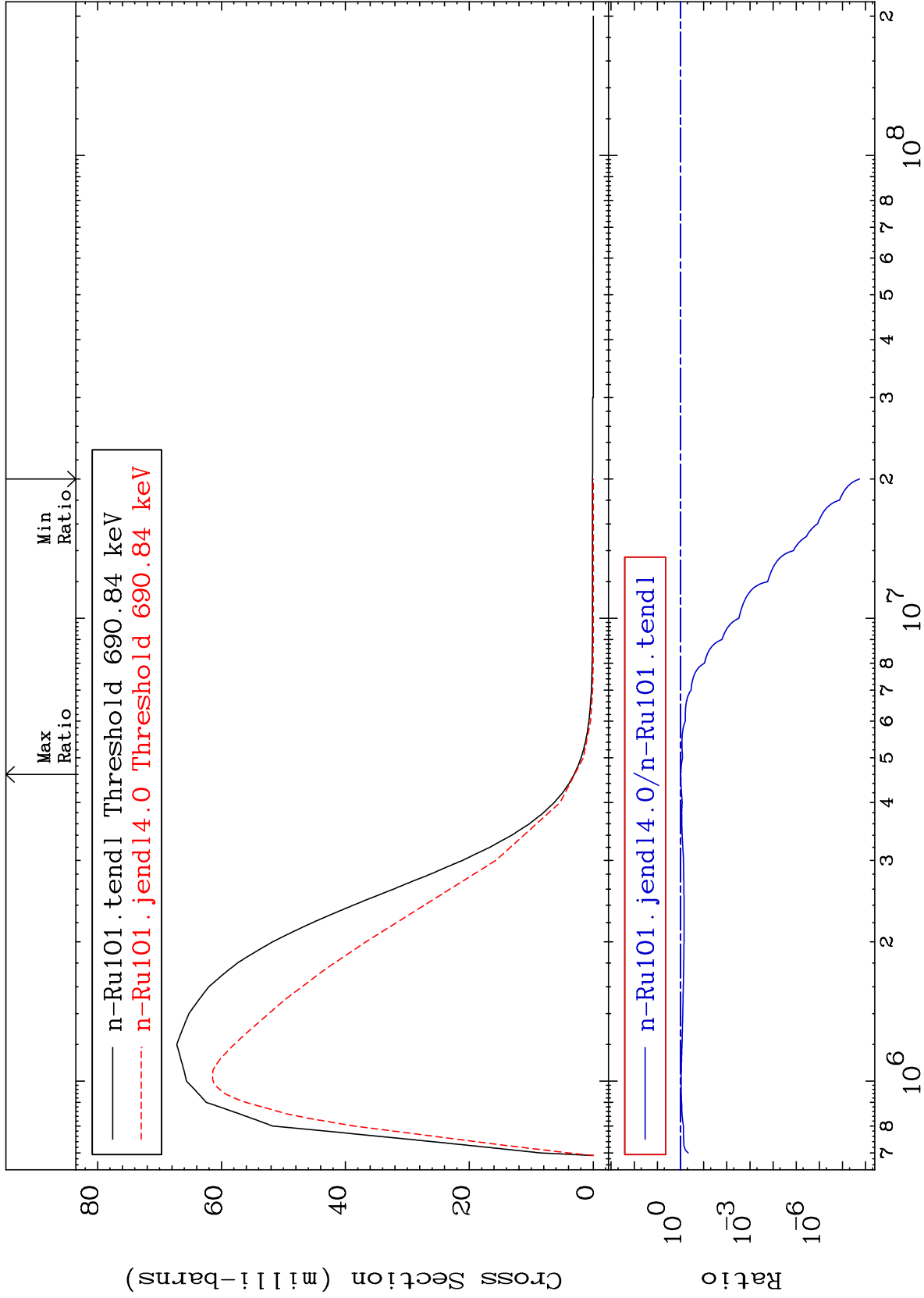
MAT 4440

MT= 63 (n,n') Level

44-Ru-101

-100.0 To -2.437%

Cross Section



21

Incident Energy (eV)

44-Ru-101

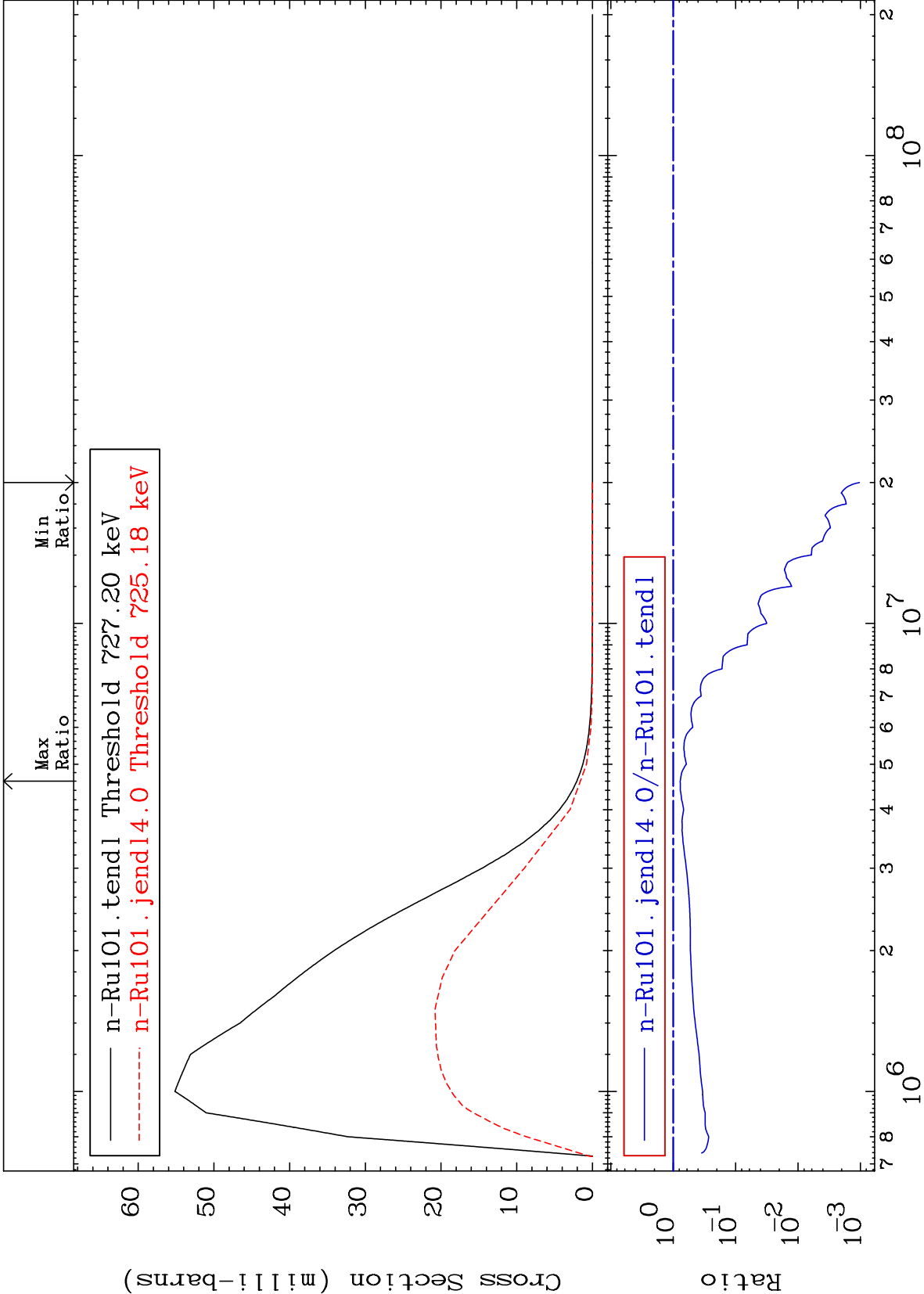
MAT 4440

MT= 64 (n,n') Level

44-Ru-101

-99.90 To -22.55%

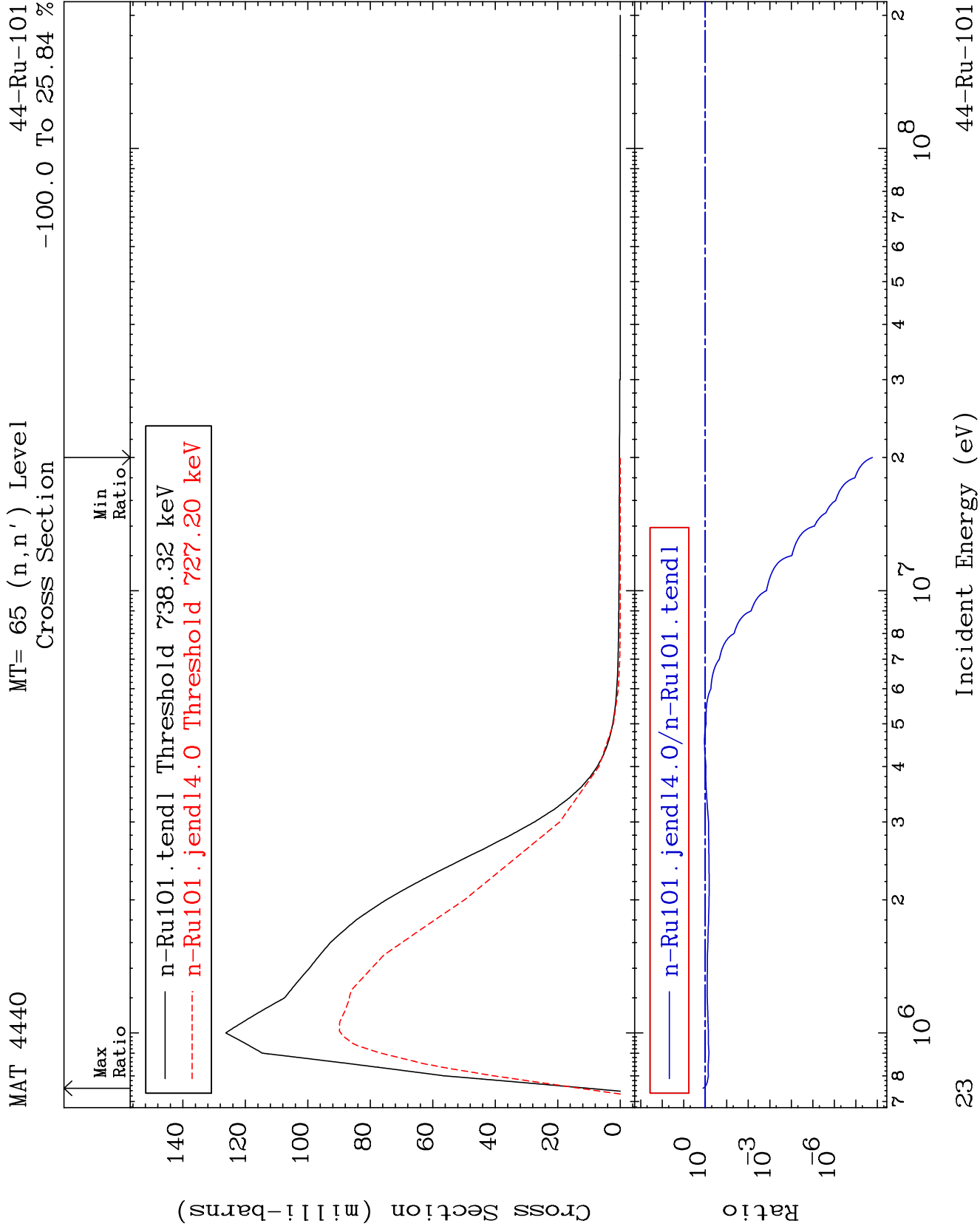
Cross Section

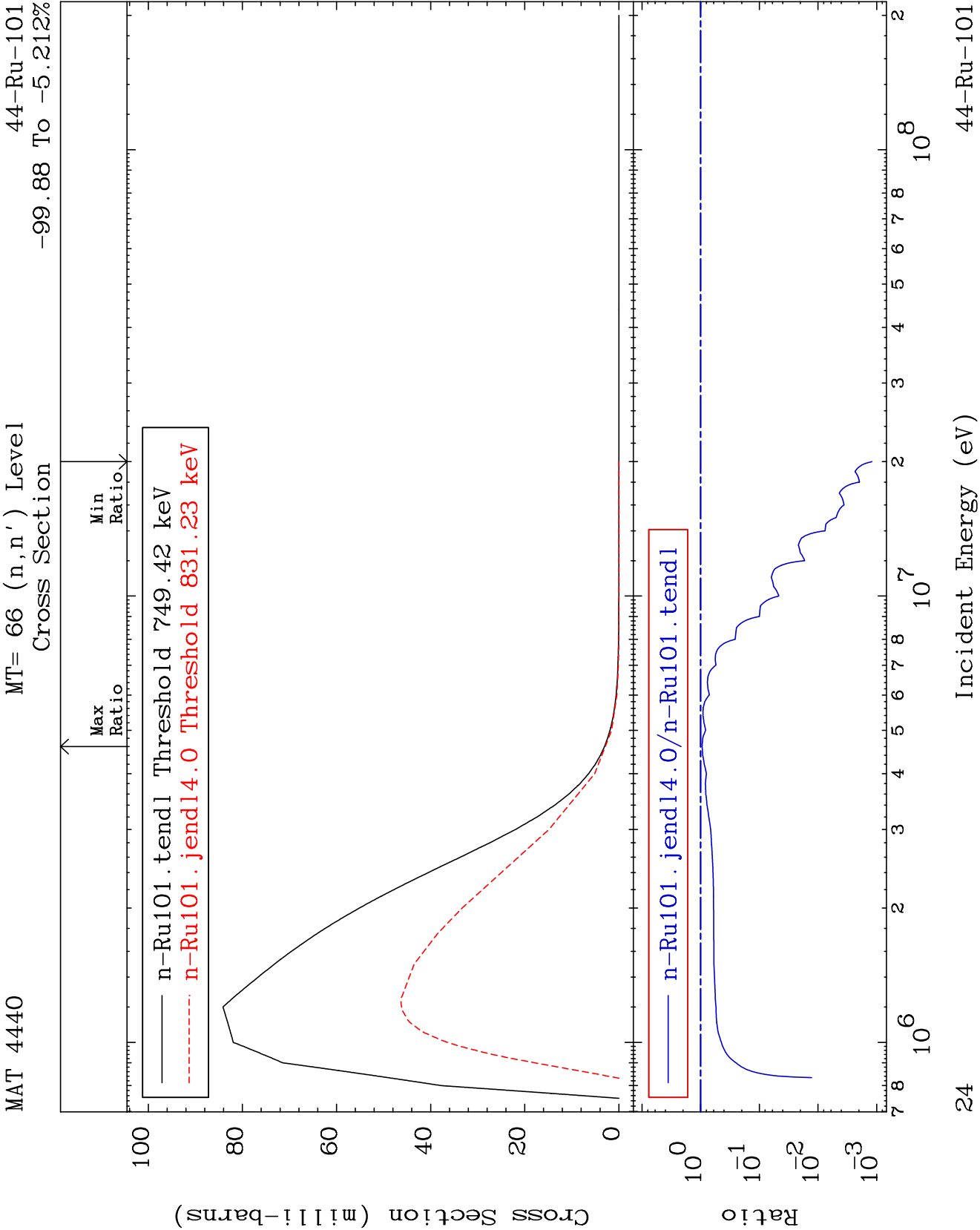


22

Incident Energy (eV)

44-Ru-101





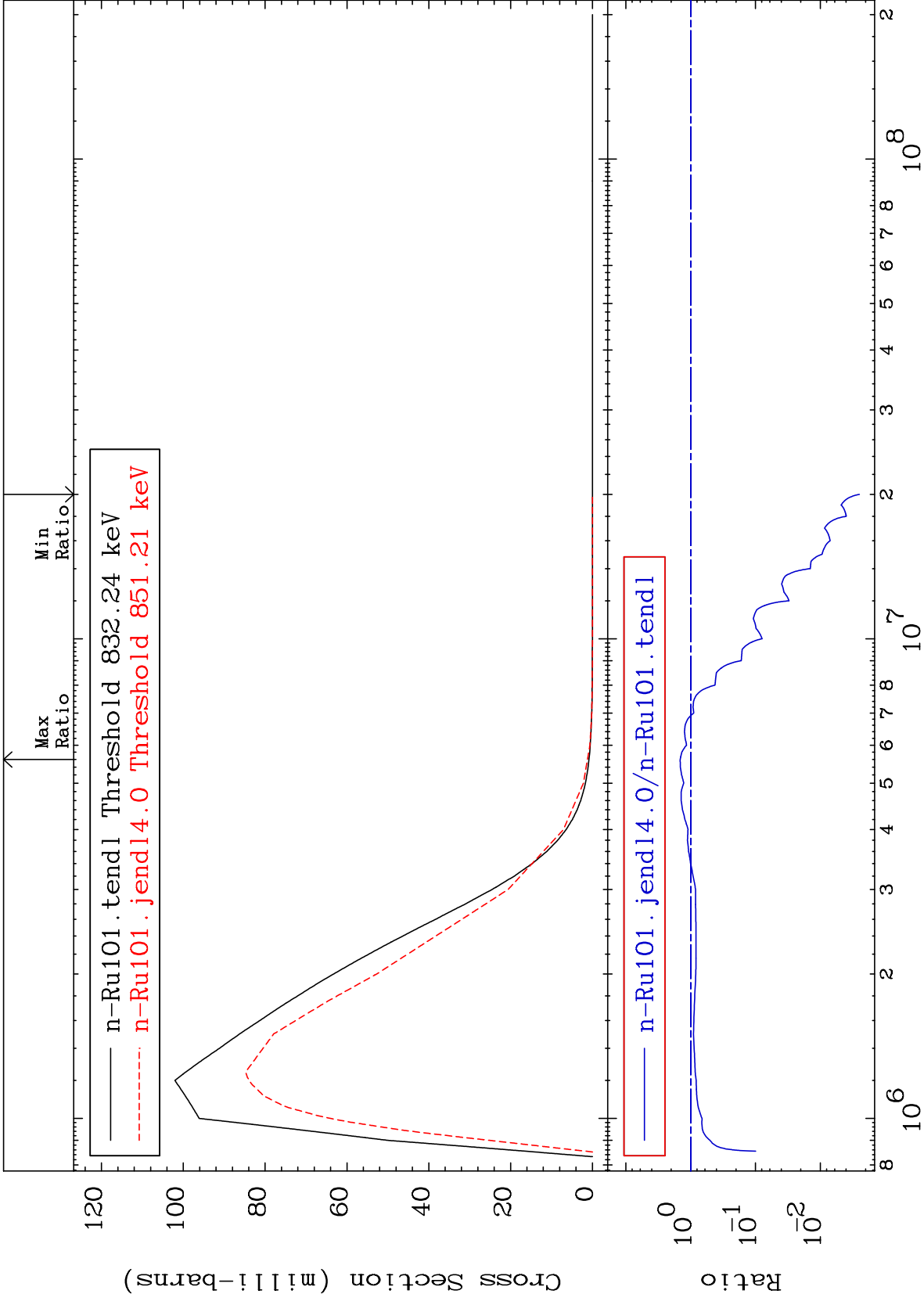
MAT 4440

MT= 67 (n,n') Level

44-Ru-101

-99.75 To 45.24 %

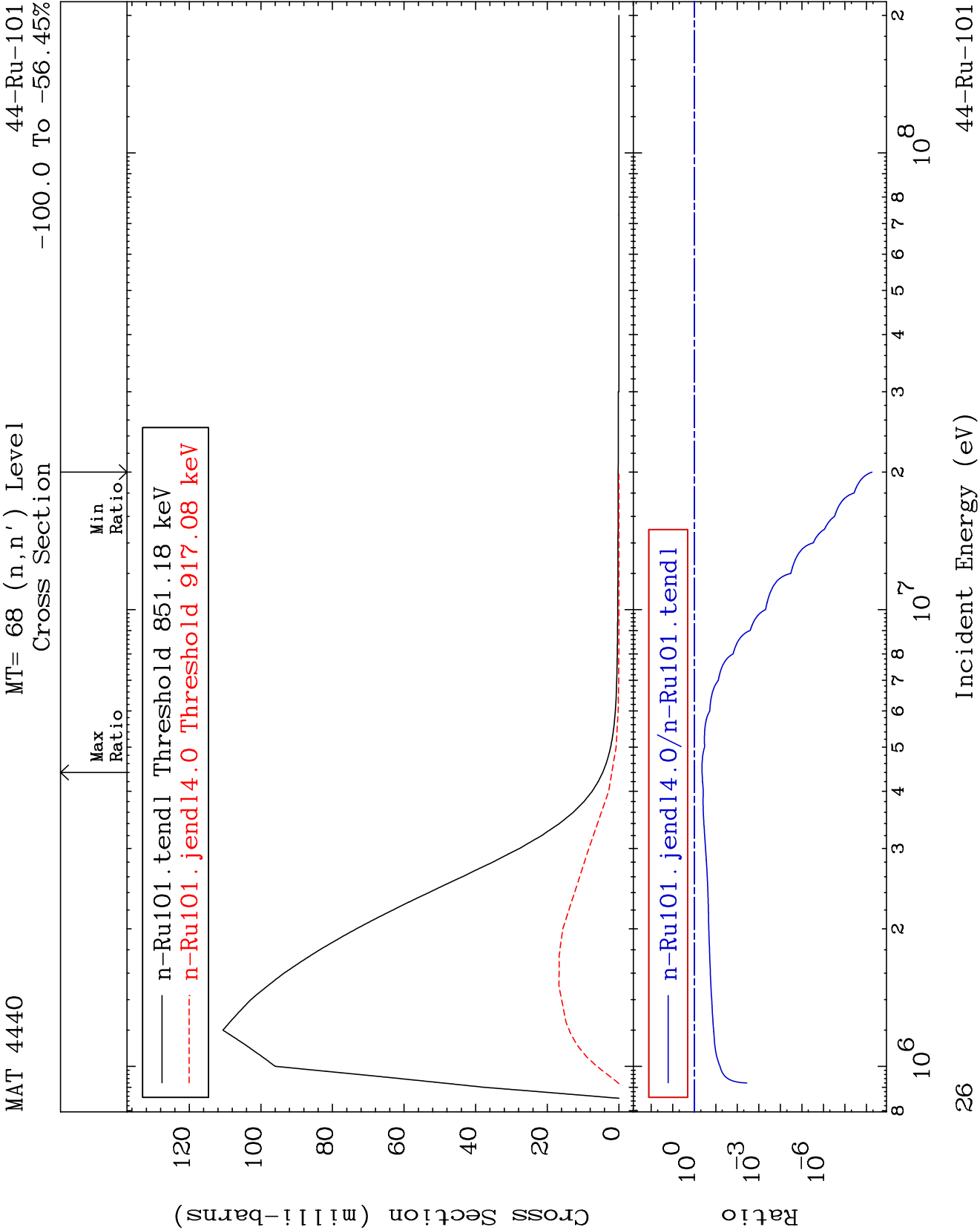
Cross Section

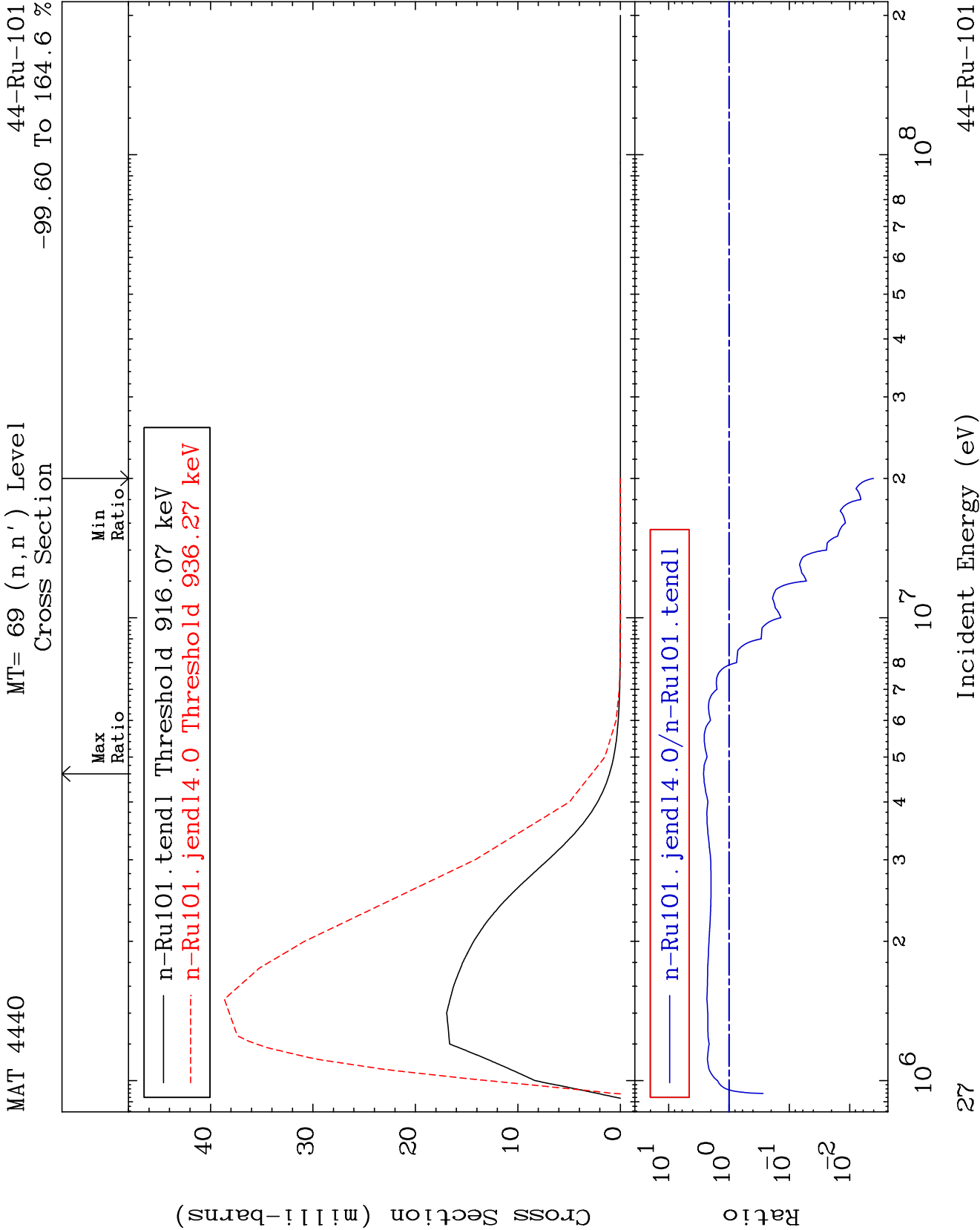


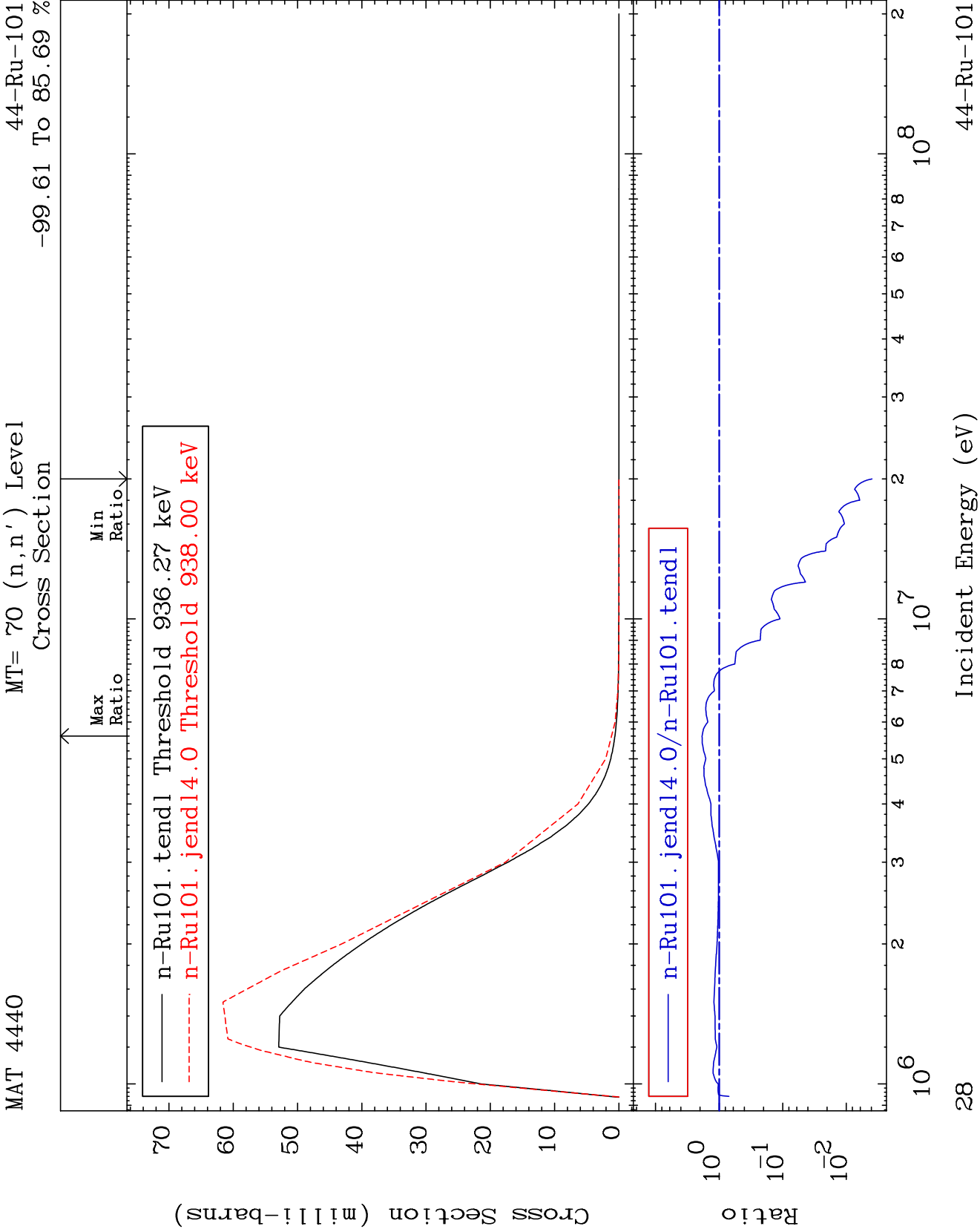
25

Incident Energy (eV)

44-Ru-101



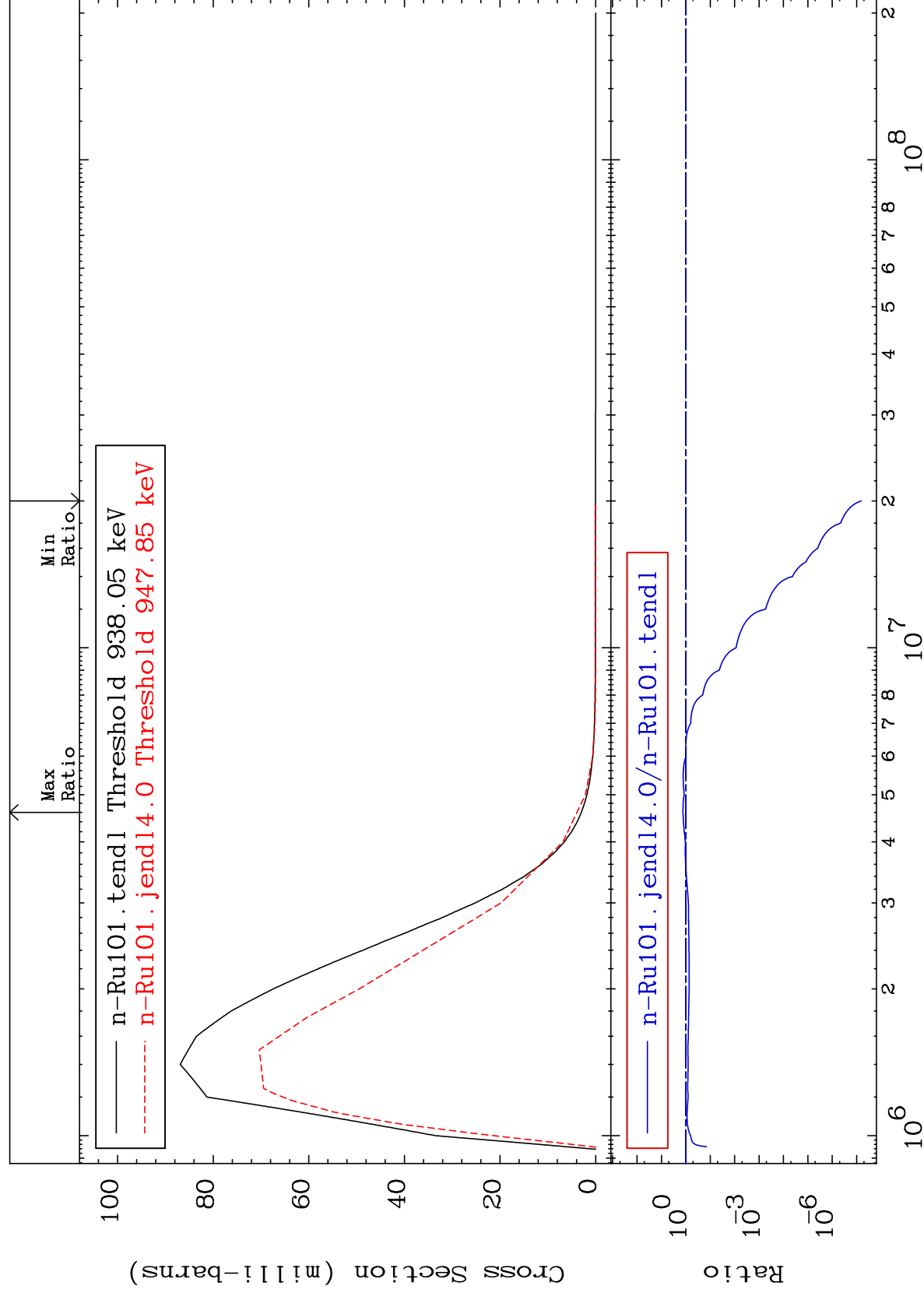




MAT 4440

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

44-Ru-101
-100.0 To 31.16 %



22

Incident Energy (eV)

44-Ru-101

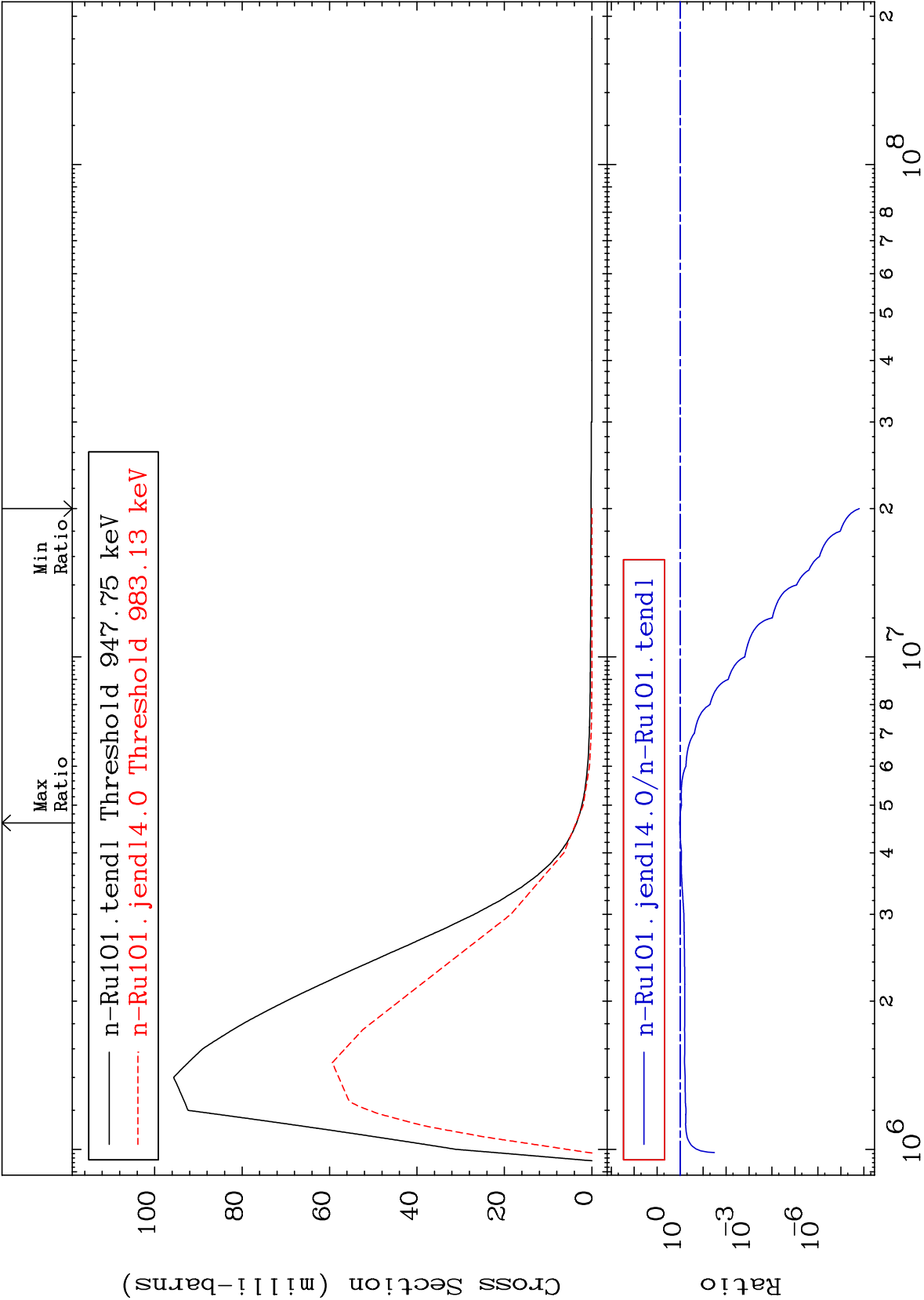
MAT 4440

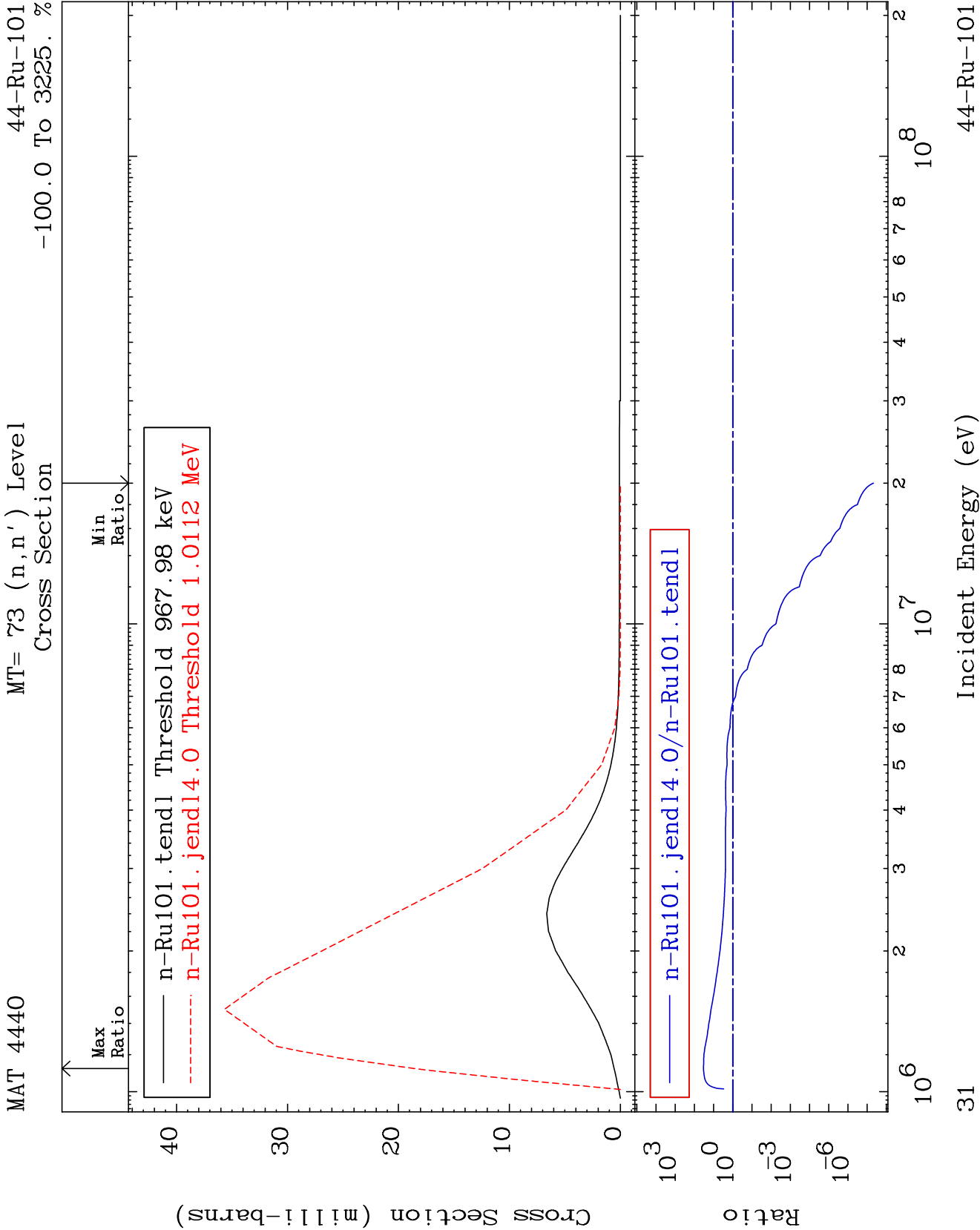
MT= 72 (n,n') Level

44-Ru-101

-100.0 To 3.921 %

Cross Section





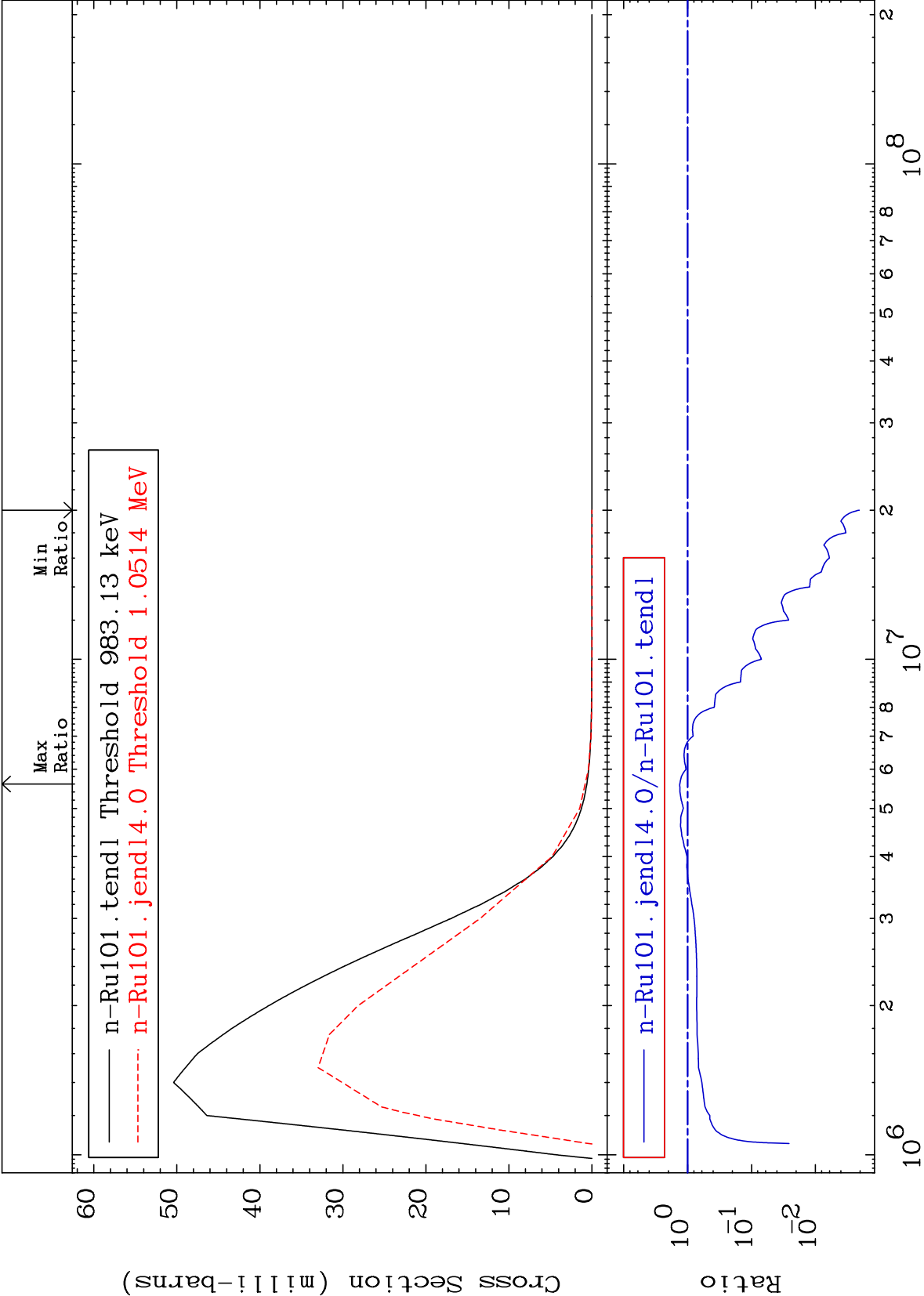
MAT 4440

MT= 74 (n,n') Level

44-Ru-101

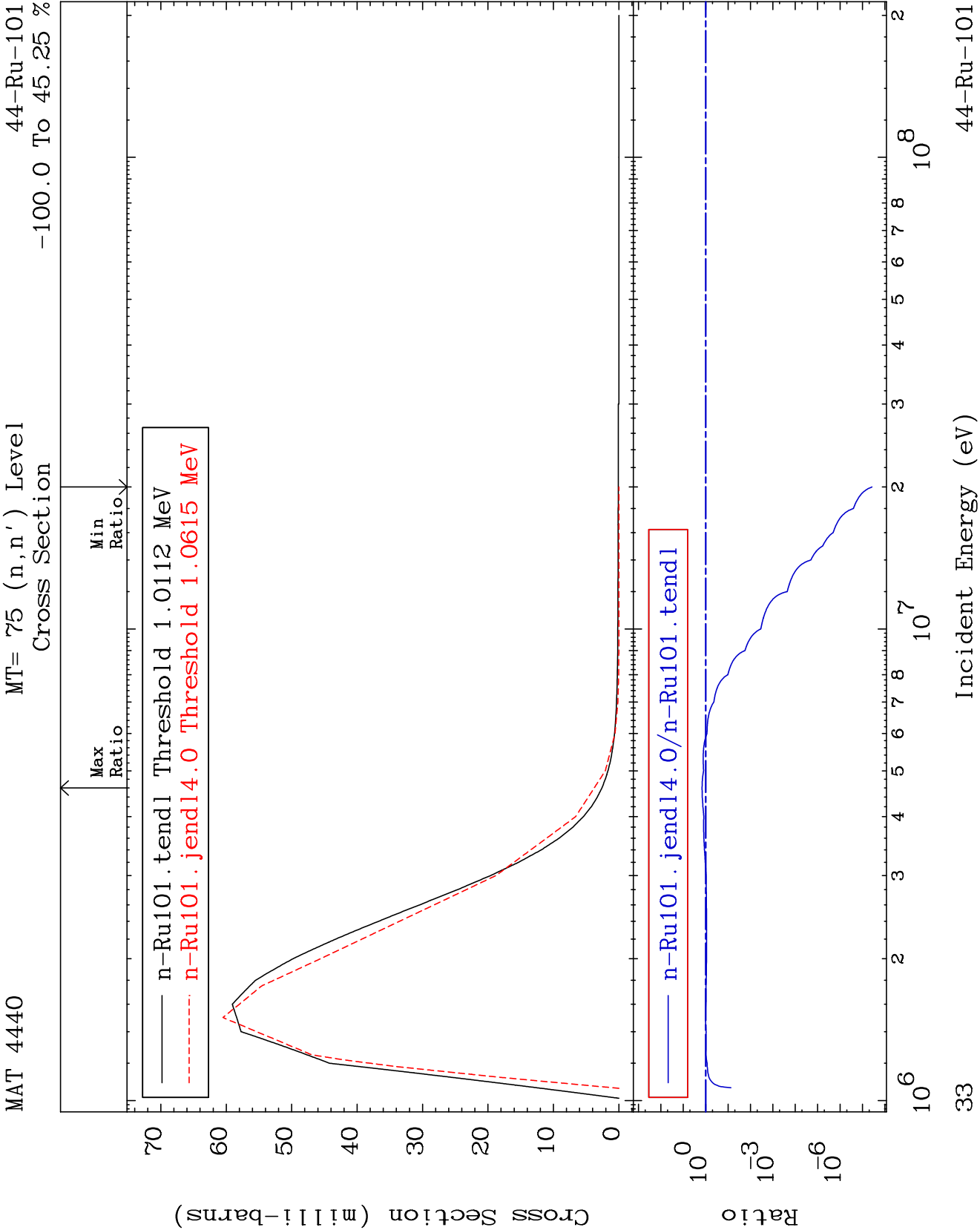
-99.79 To 32.91 %

Cross Section



Incident Energy (eV)

44-Ru-101



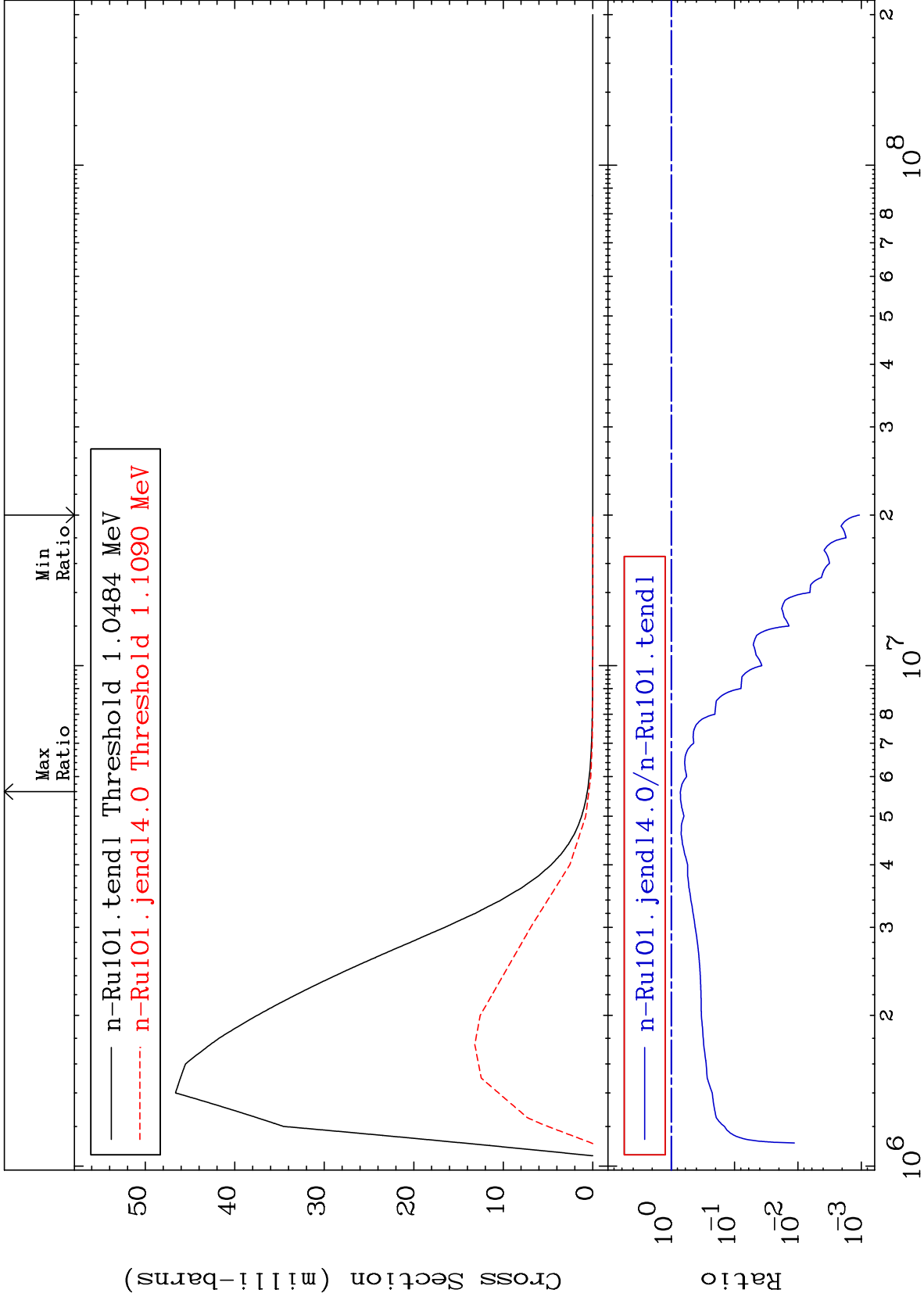
MAT 4440

MT= 76 (n,n') Level

44-Ru-101

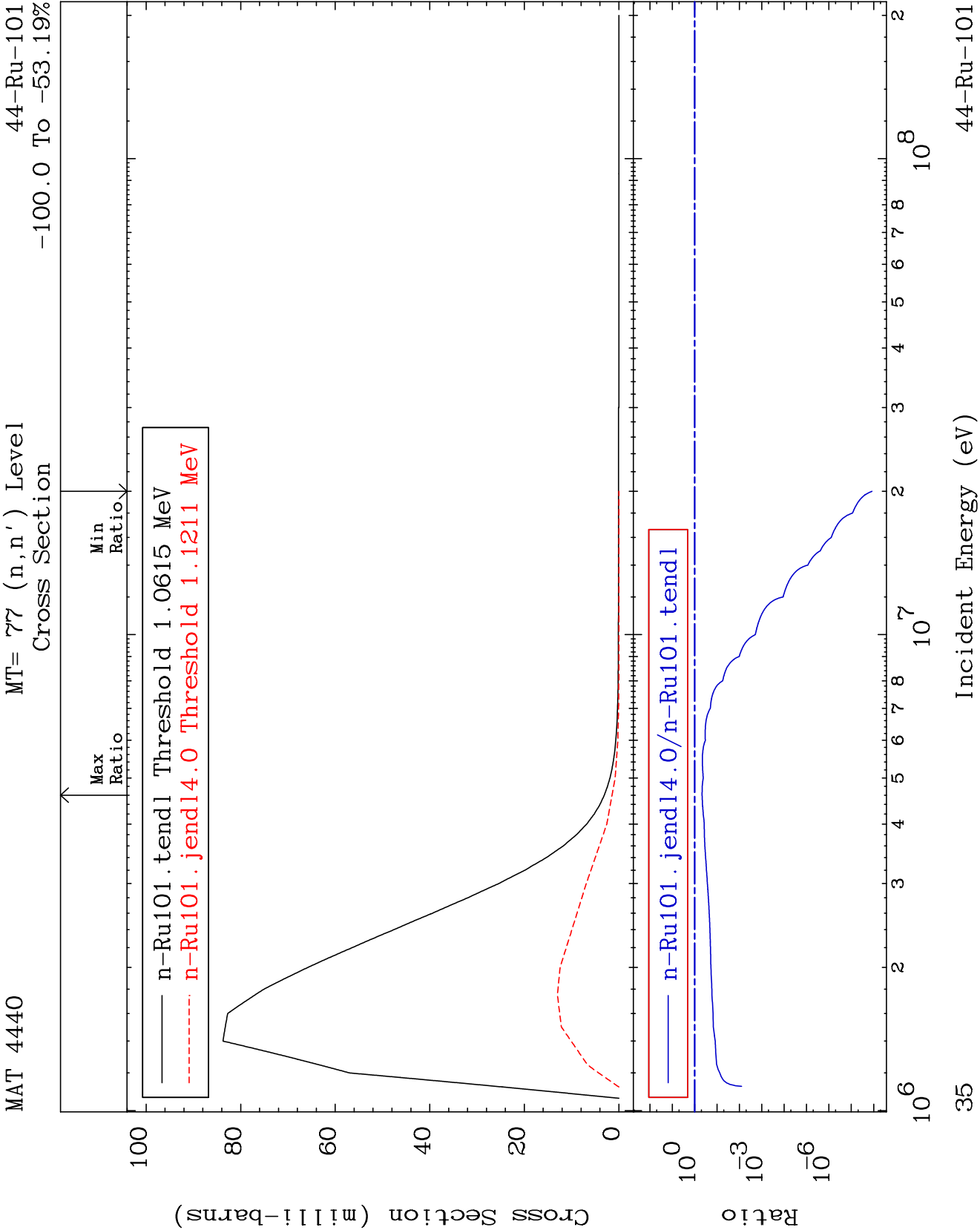
-99.89 To -28.21%

Cross Section



Incident Energy (eV)

44-Ru-101



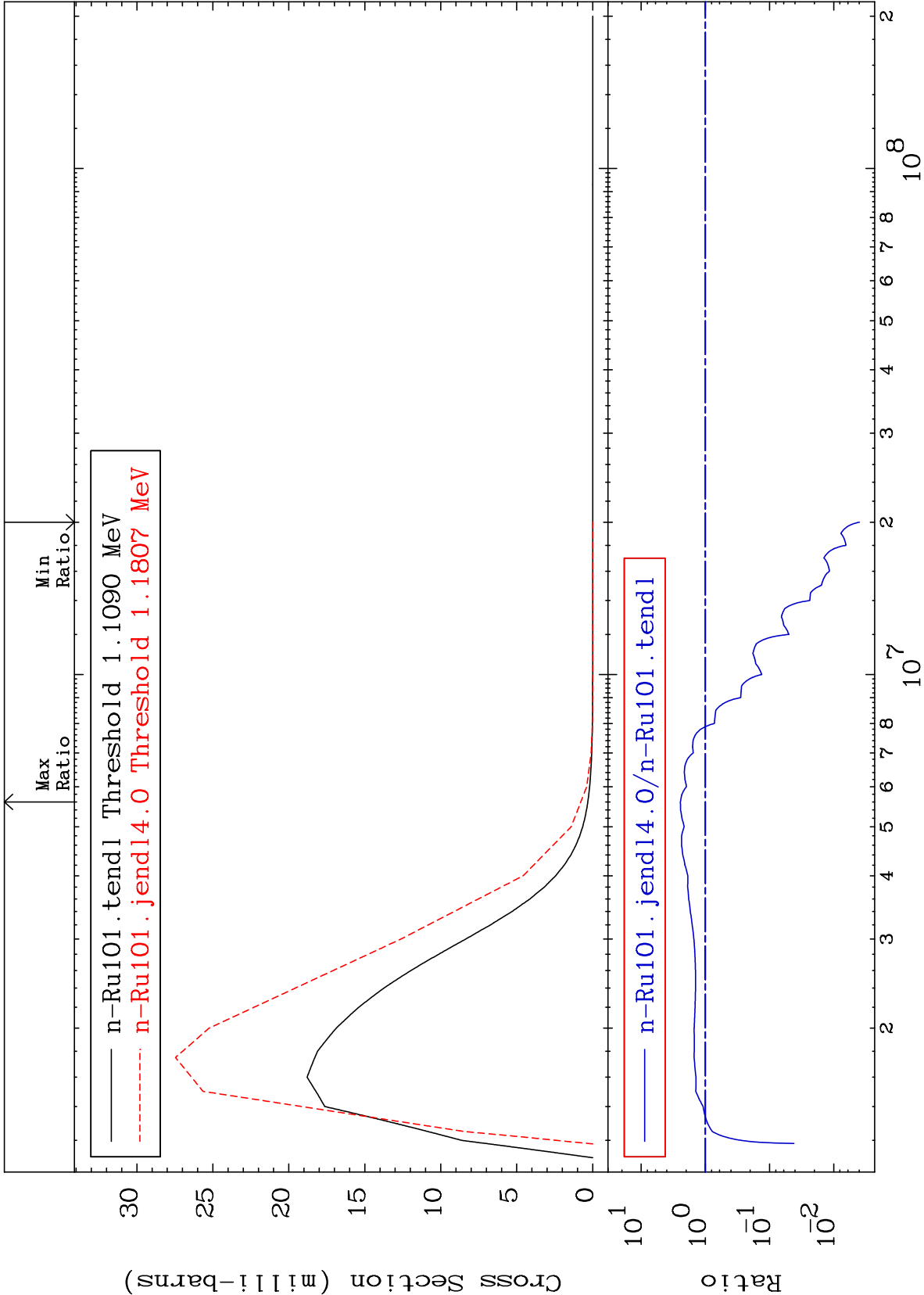
MAT 4440

MT= 78 (n,n') Level

44-Ru-101

-99.60 To 145.4 %

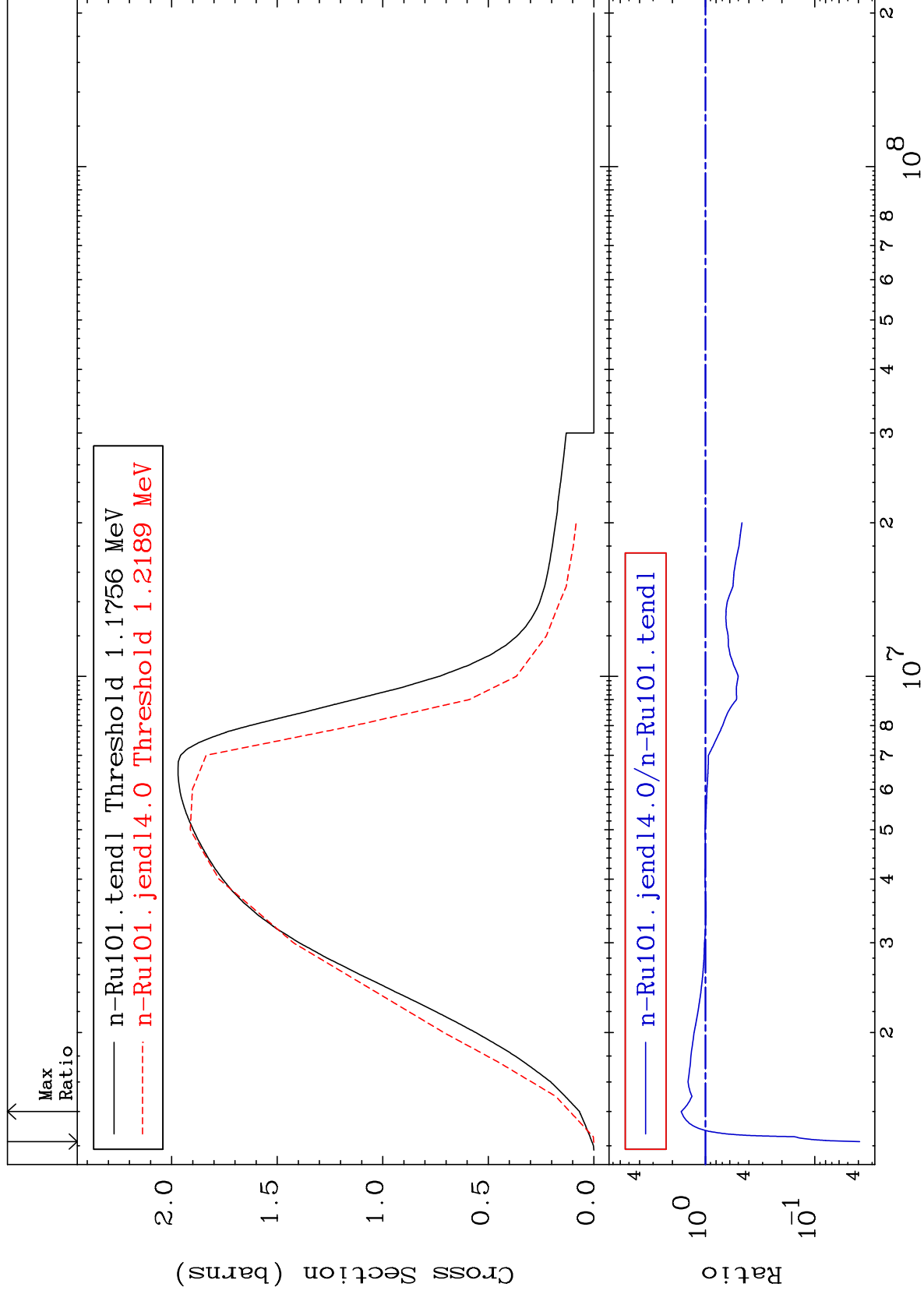
Cross Section

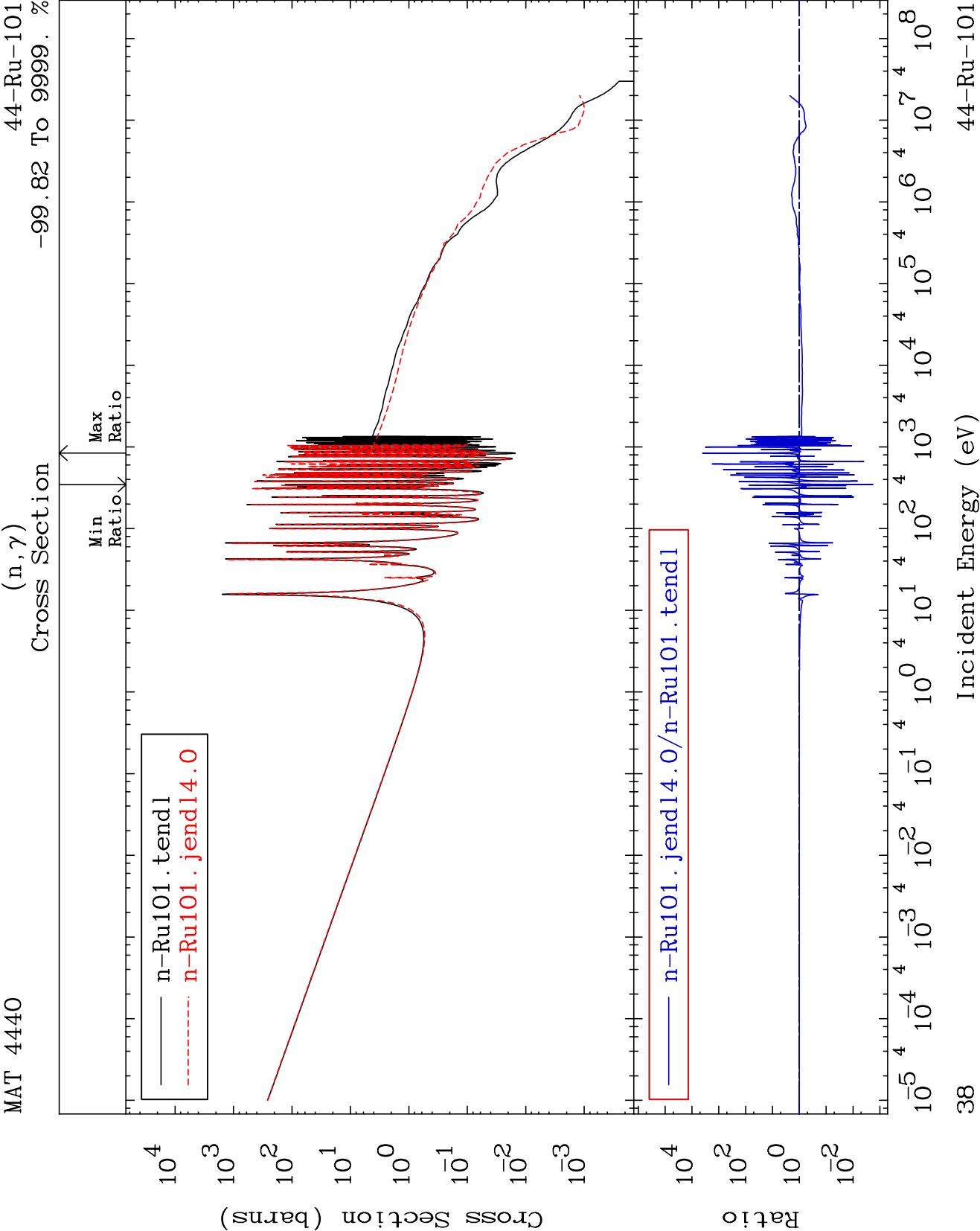


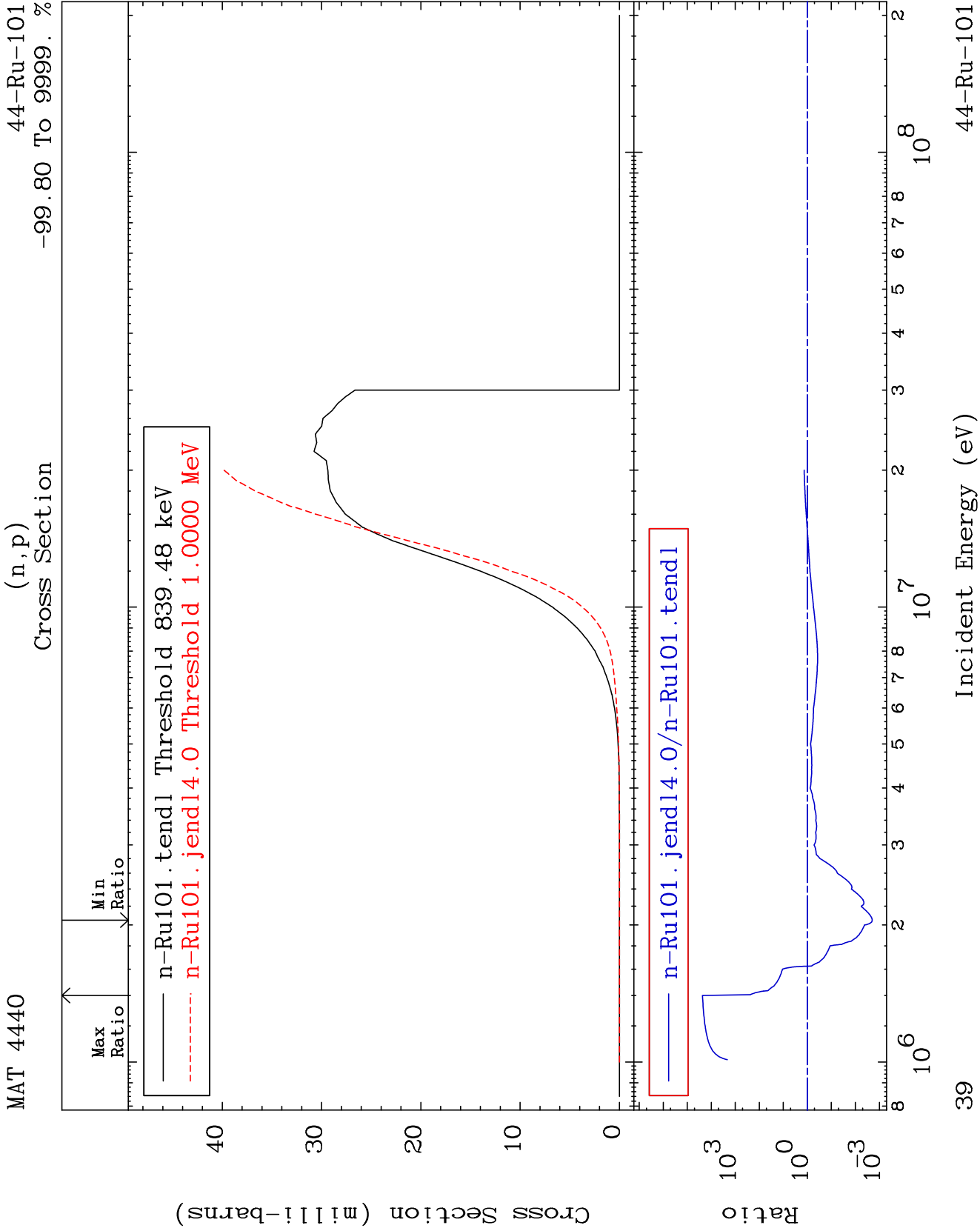
MAT 4440

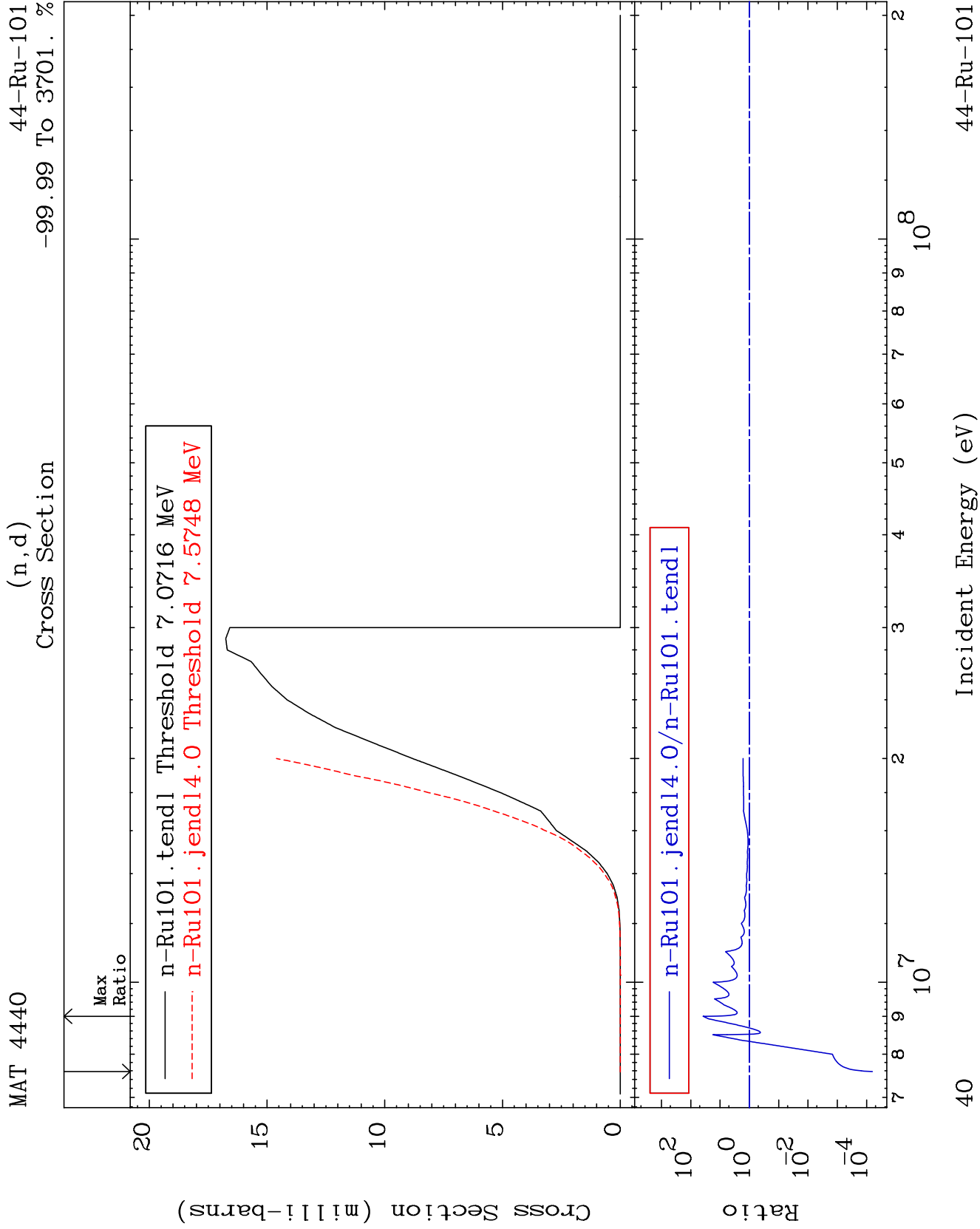
(n,n') Continuum
Cross Section

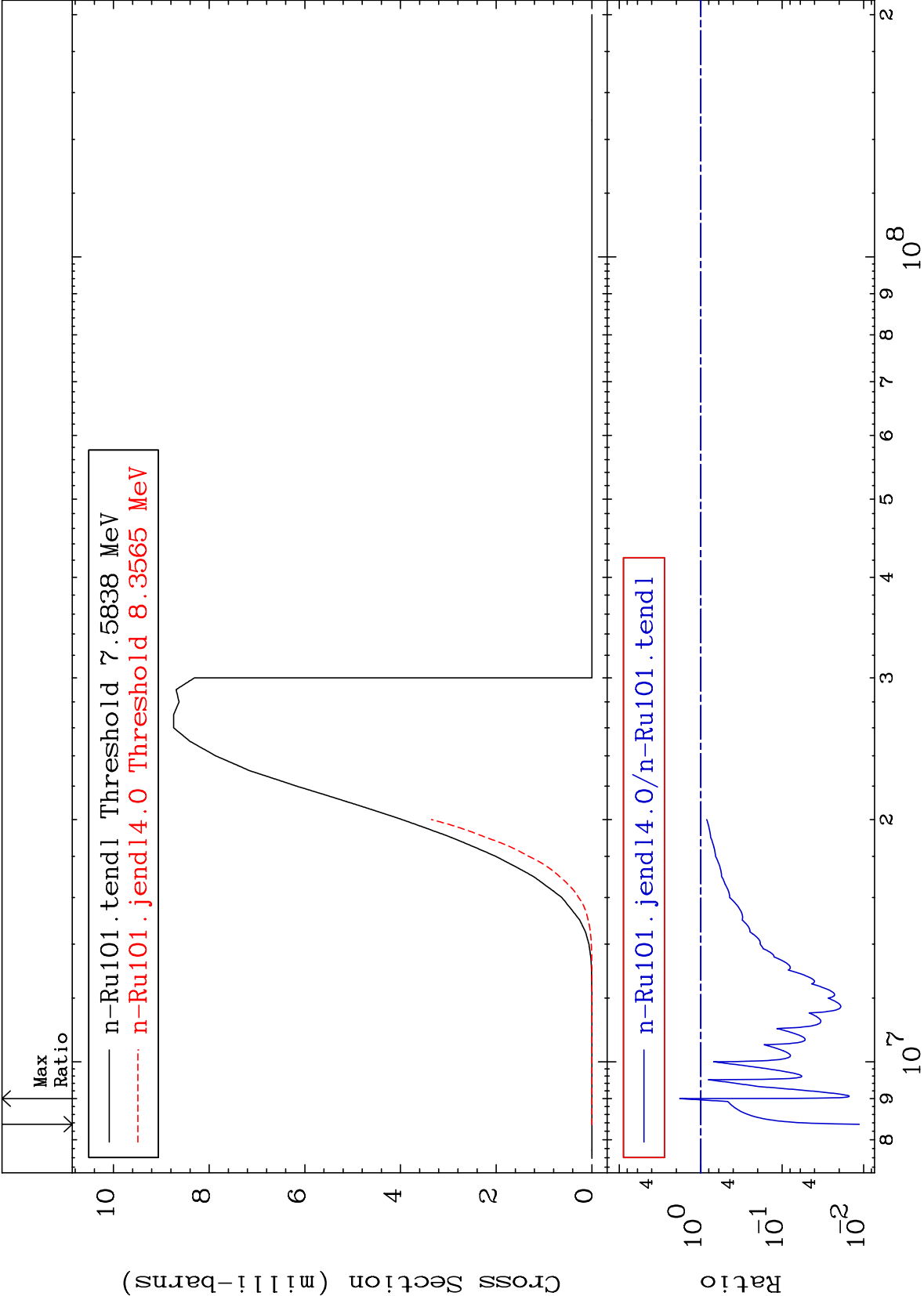
44-Ru-101
-96.10 To 66.46 %

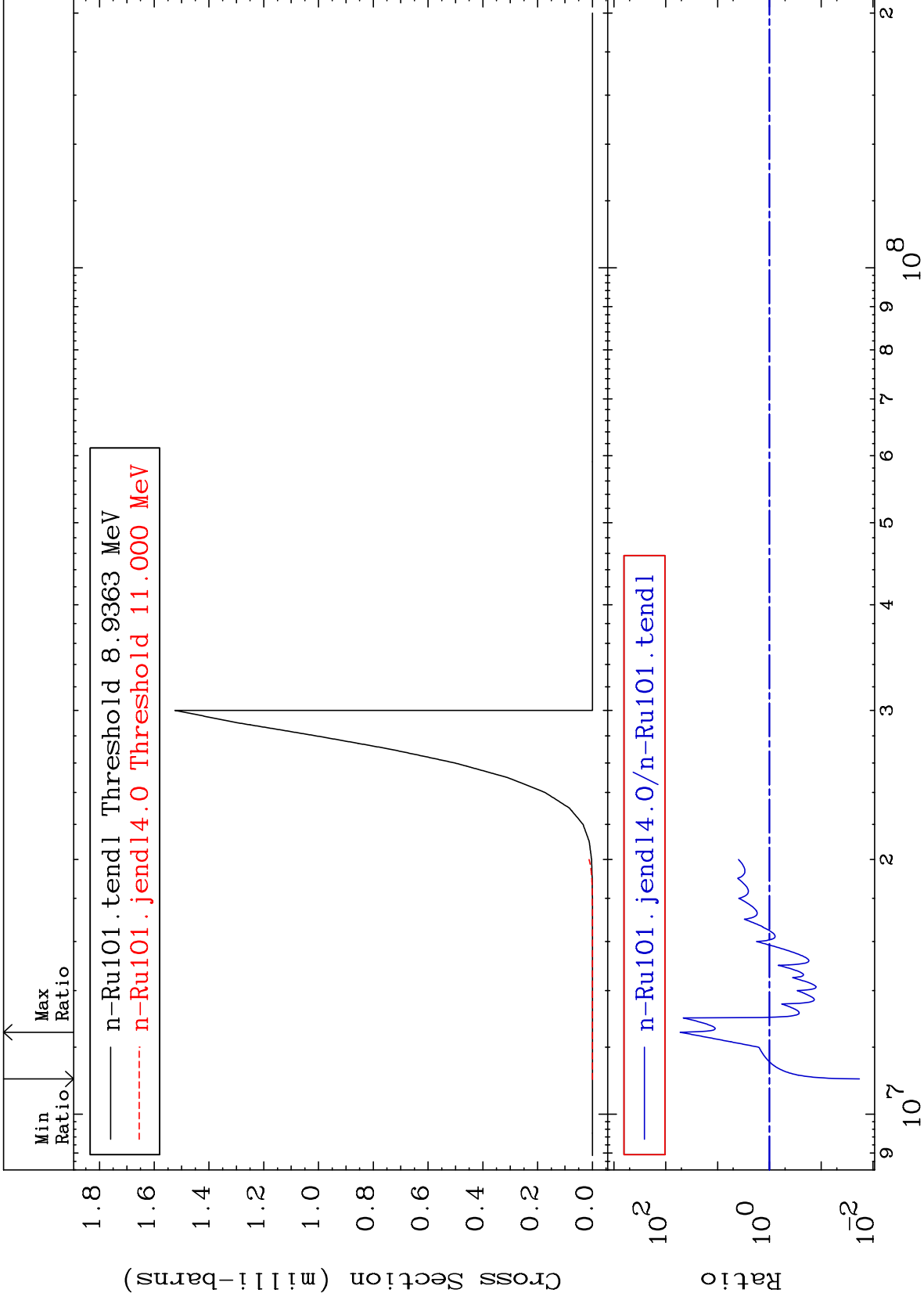








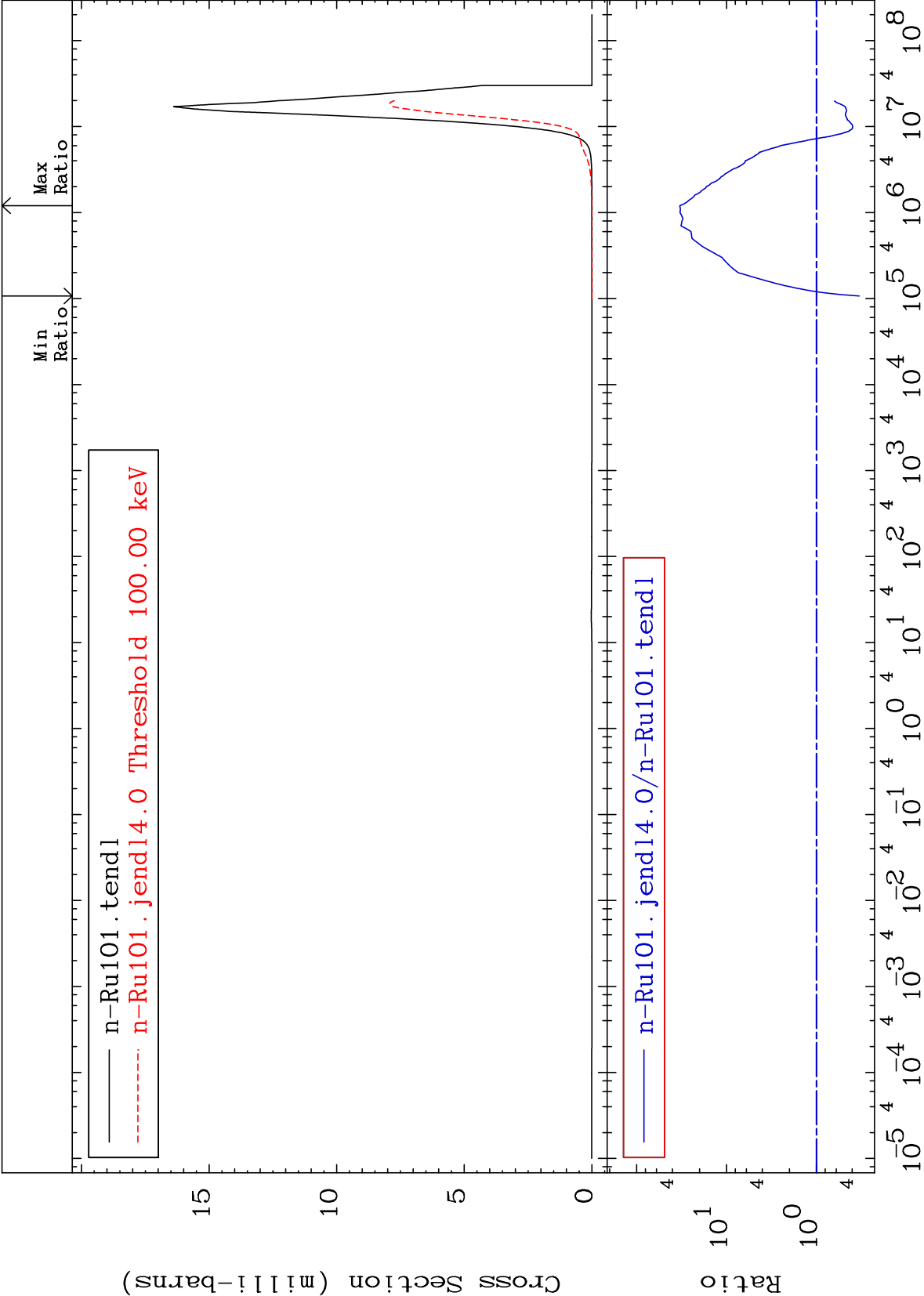




MAT 4440

(n, α)
Cross Section

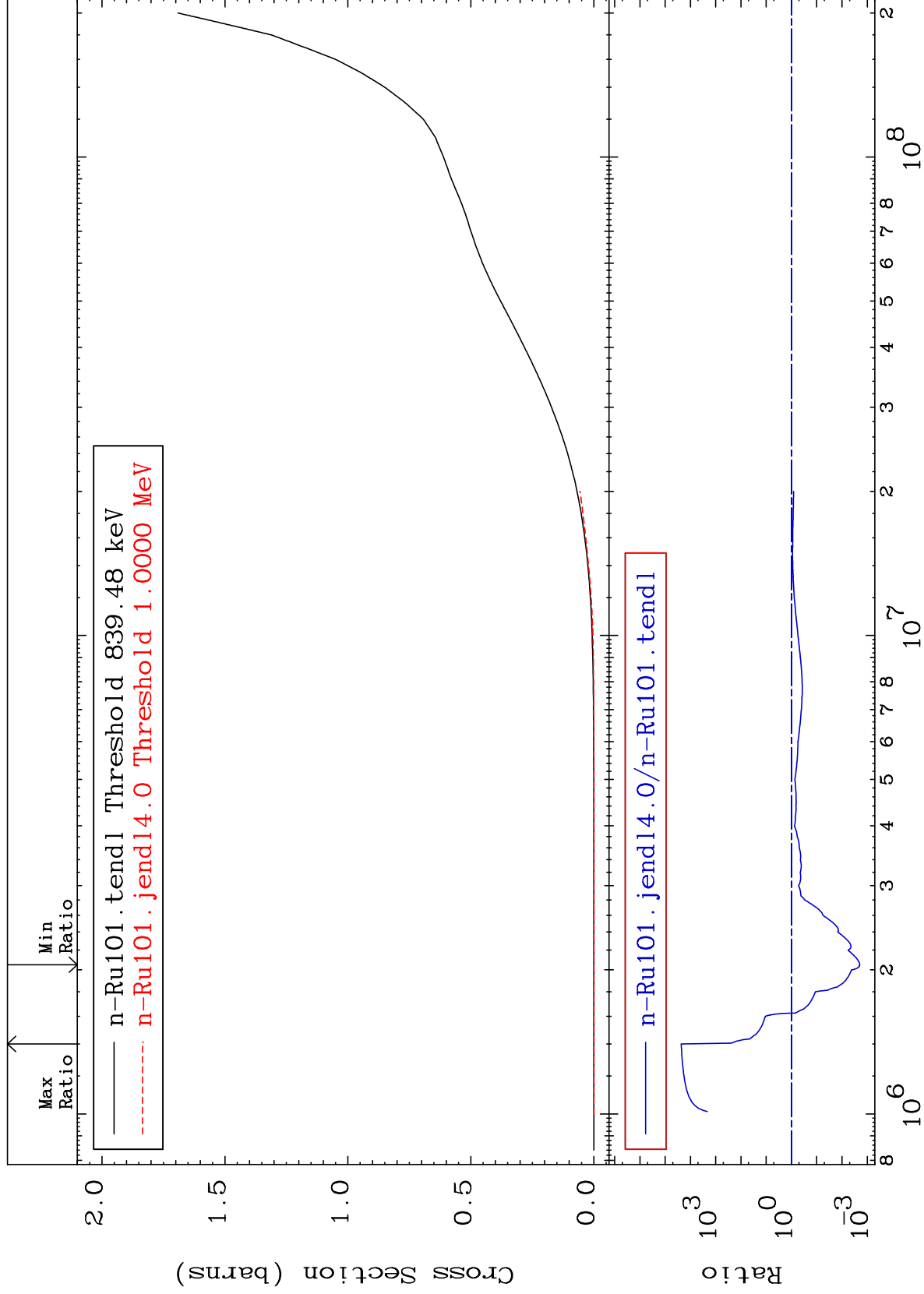
44-Ru-101
-66.65 To 3215. %



MAT 4440

Hydrogen Production
Cross Section

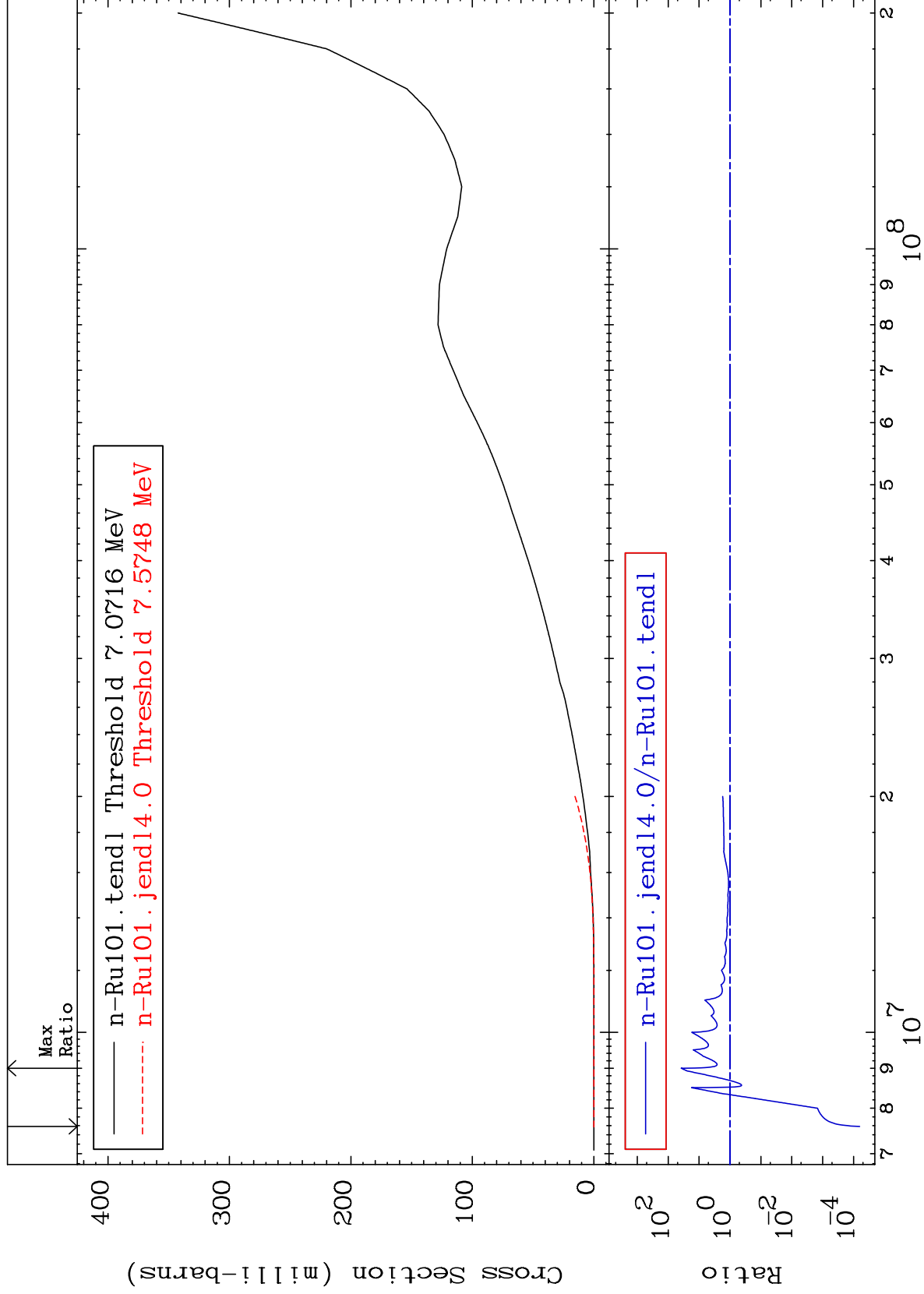
44-Ru-101
-99.80 To 9999. %



MAT 4440

Deuterium Production
Cross Section

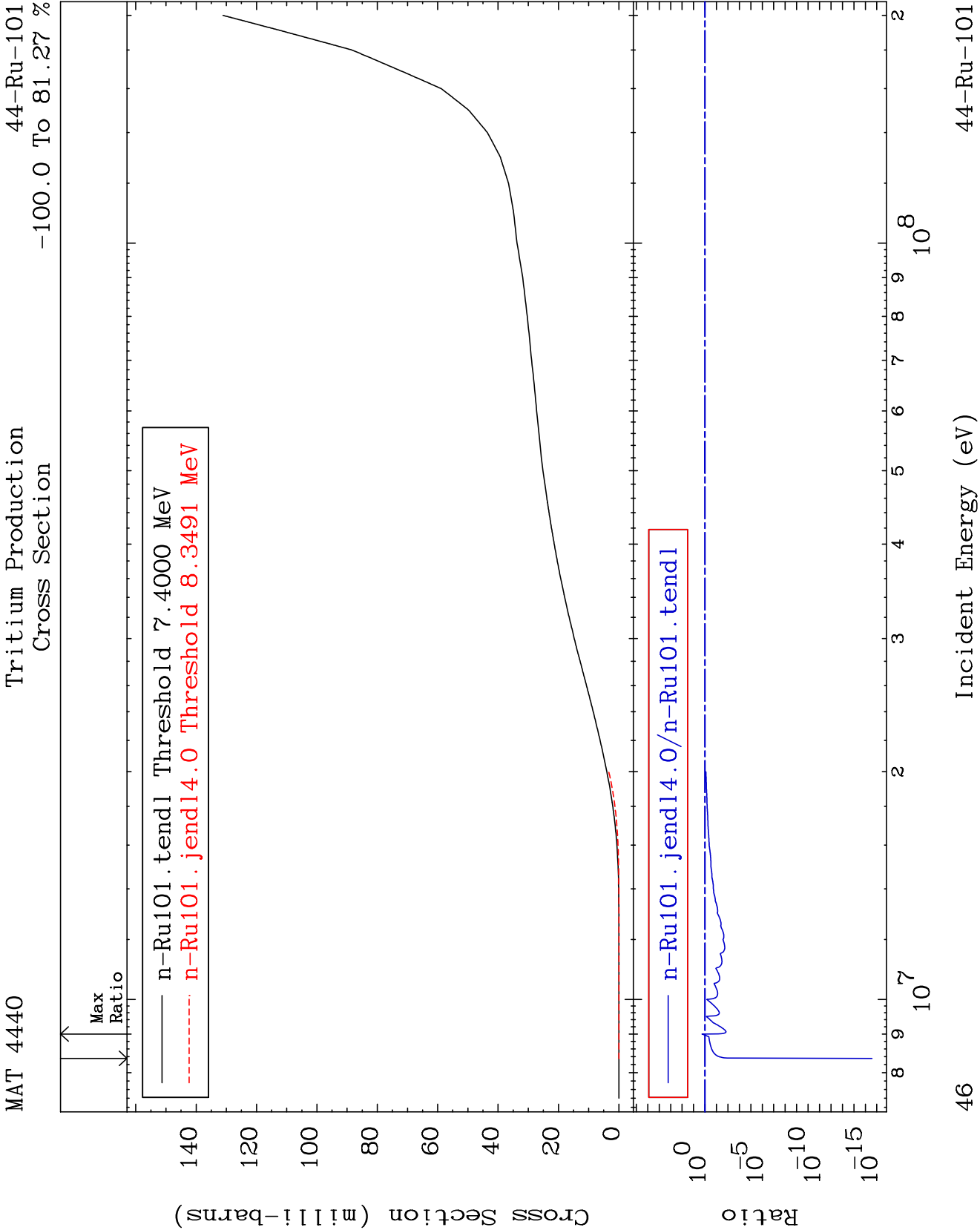
44-Ru-101
-99.99 To 3701. %



45

Incident Energy (eV)

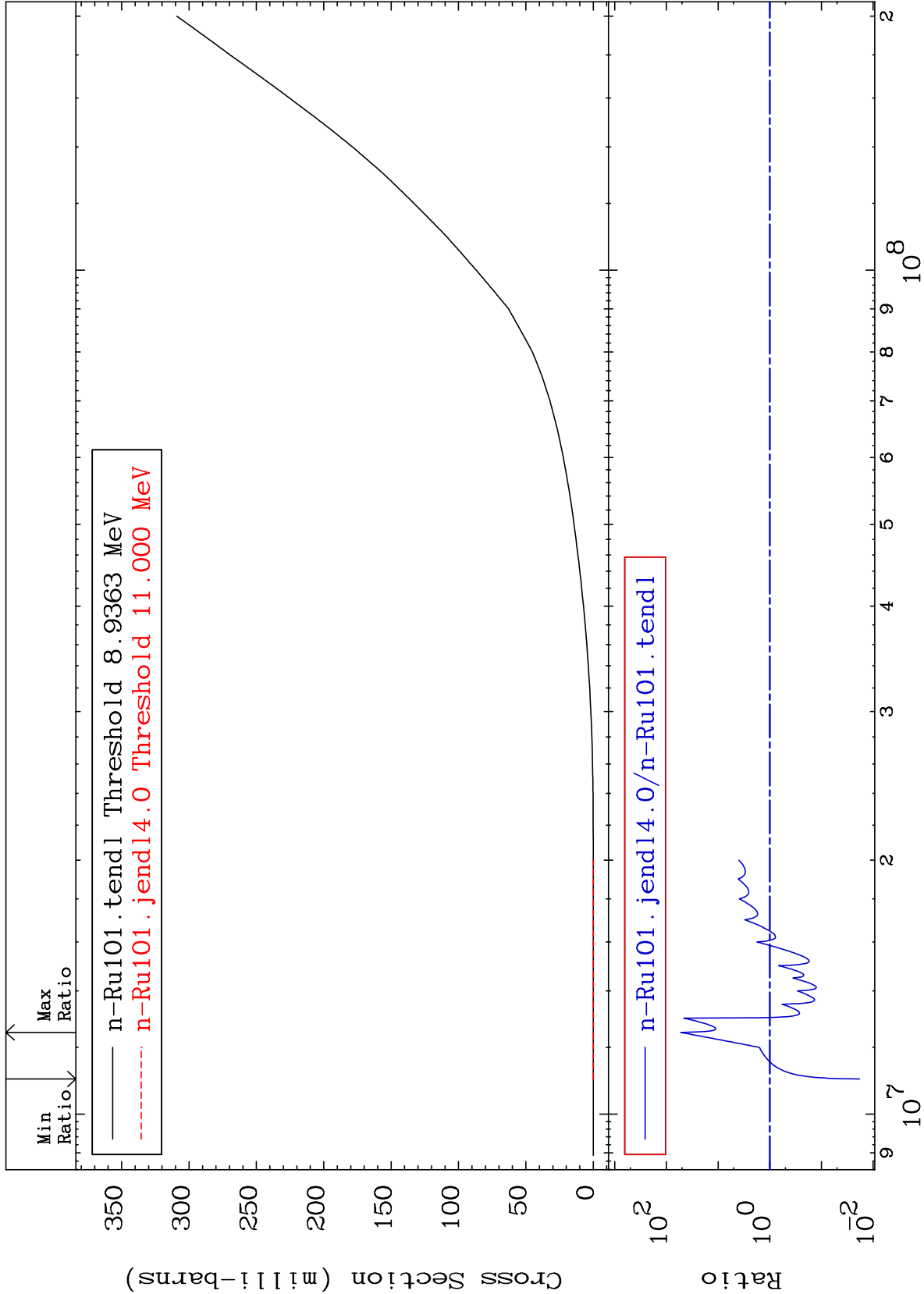
44-Ru-101



MAT 4440

He-3 Production
Cross Section

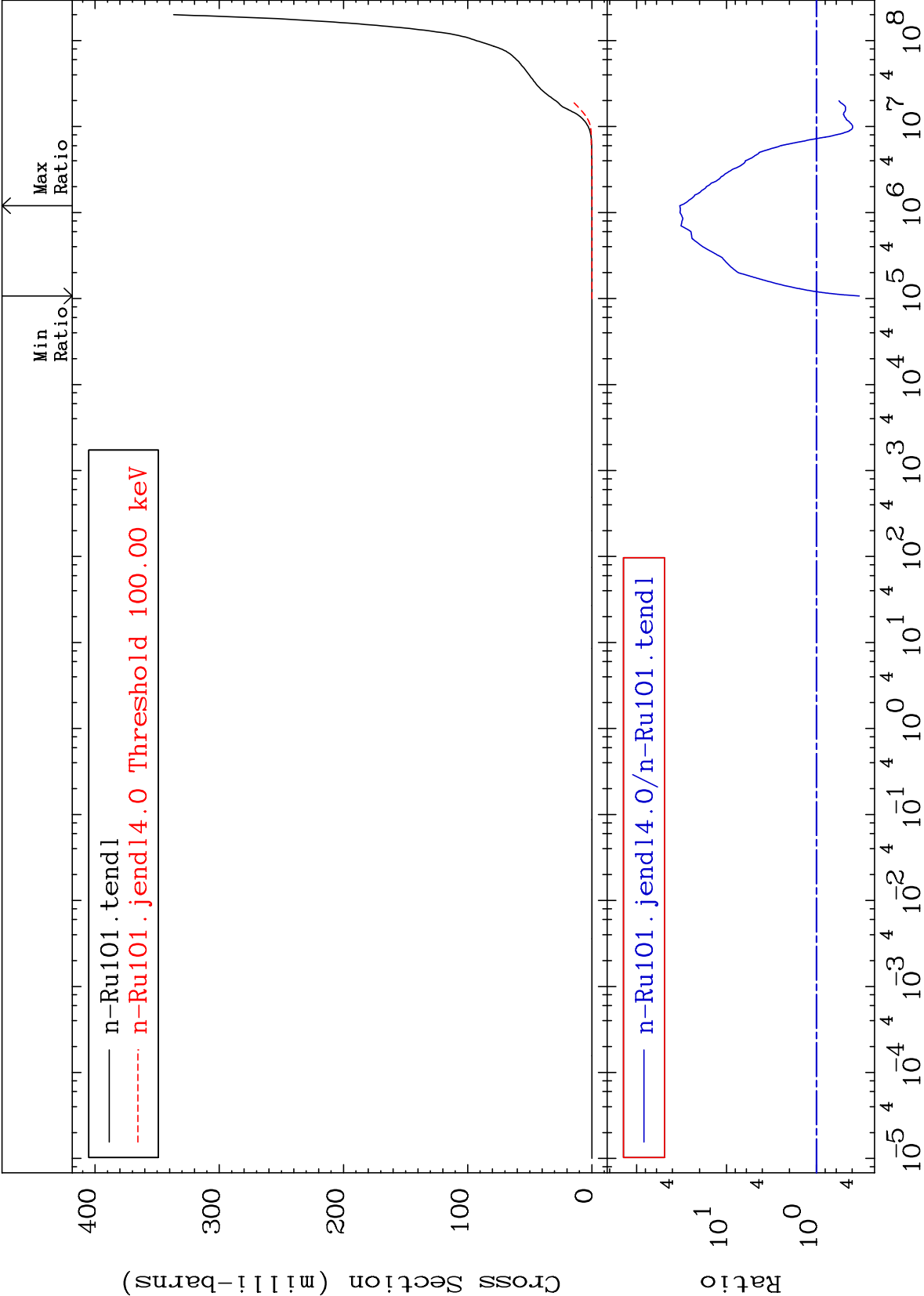
44-Ru-101
-98.17 To 5178. %

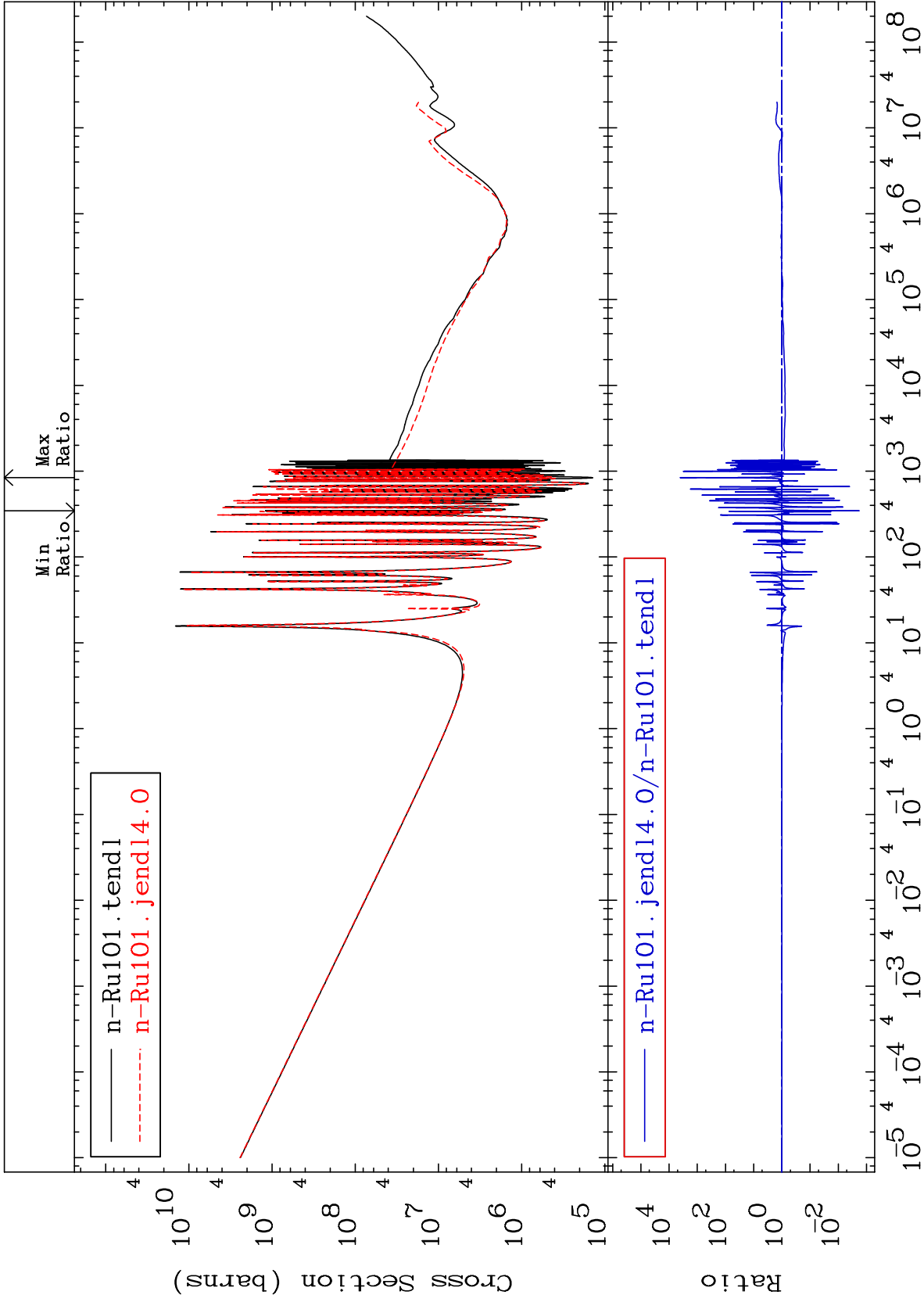


47

Incident Energy (eV)

44-Ru-101

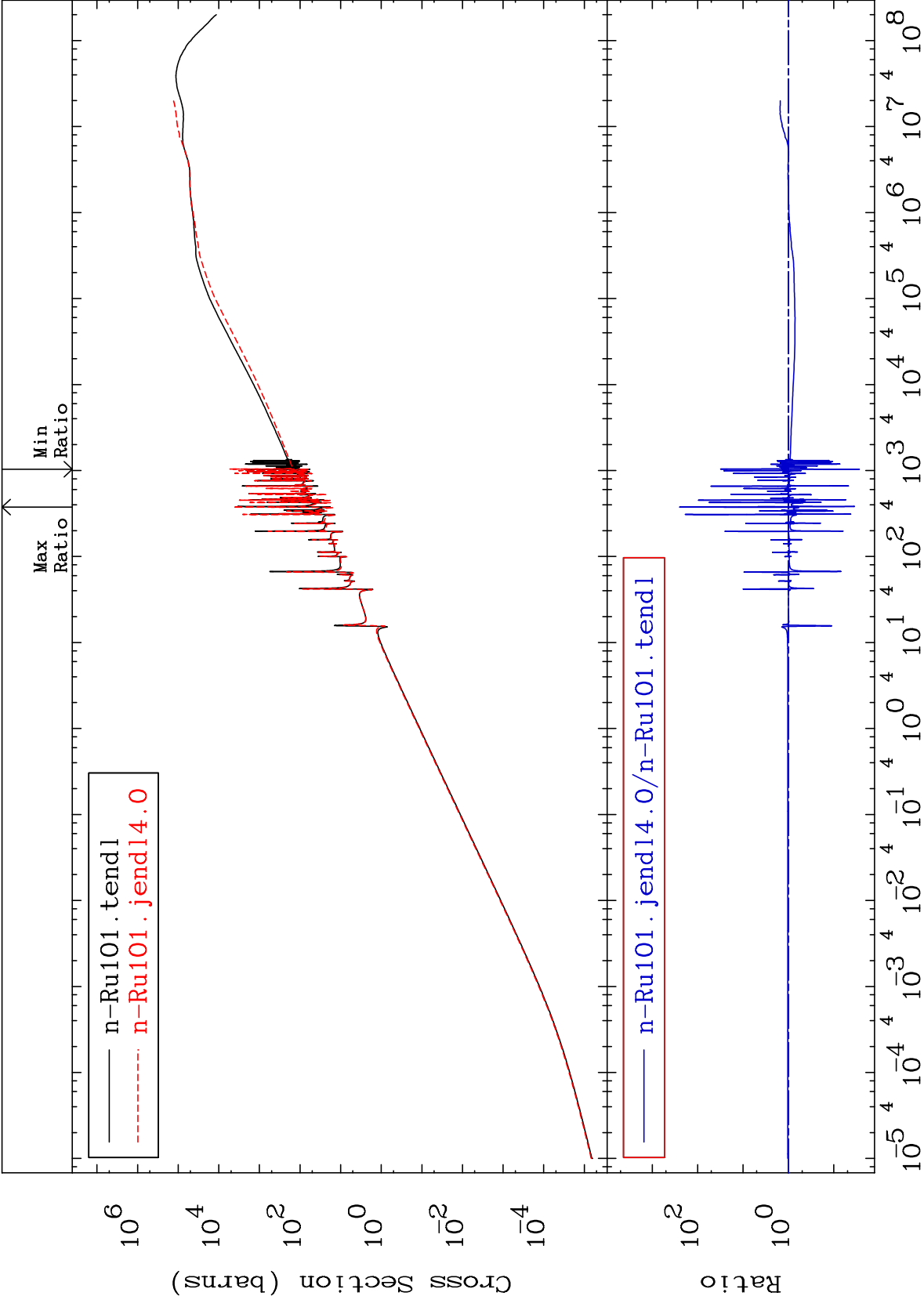




MAT 4440

Kerma elastic
Cross Section

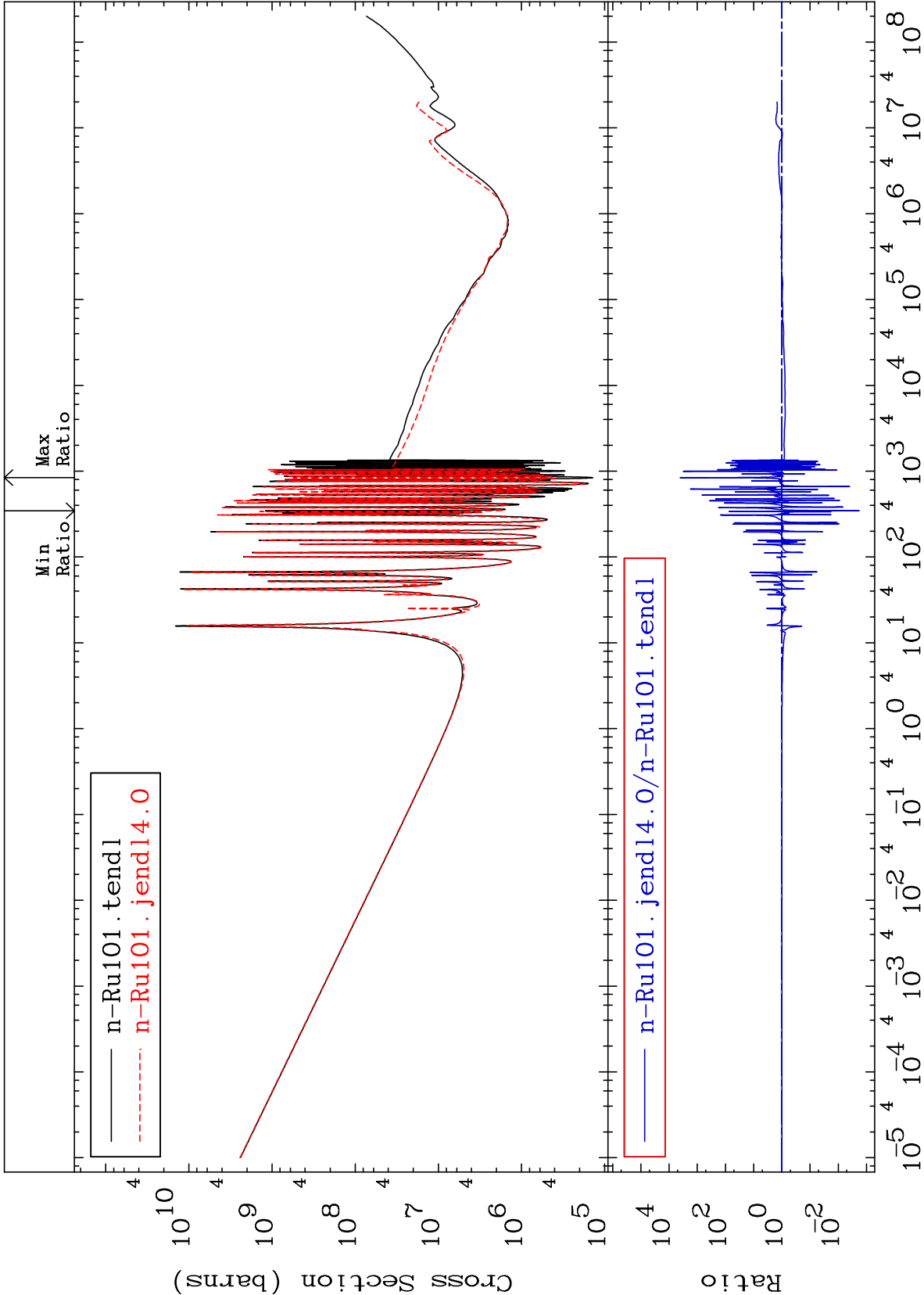
44-Ru-101
-97.24 To 9999. %

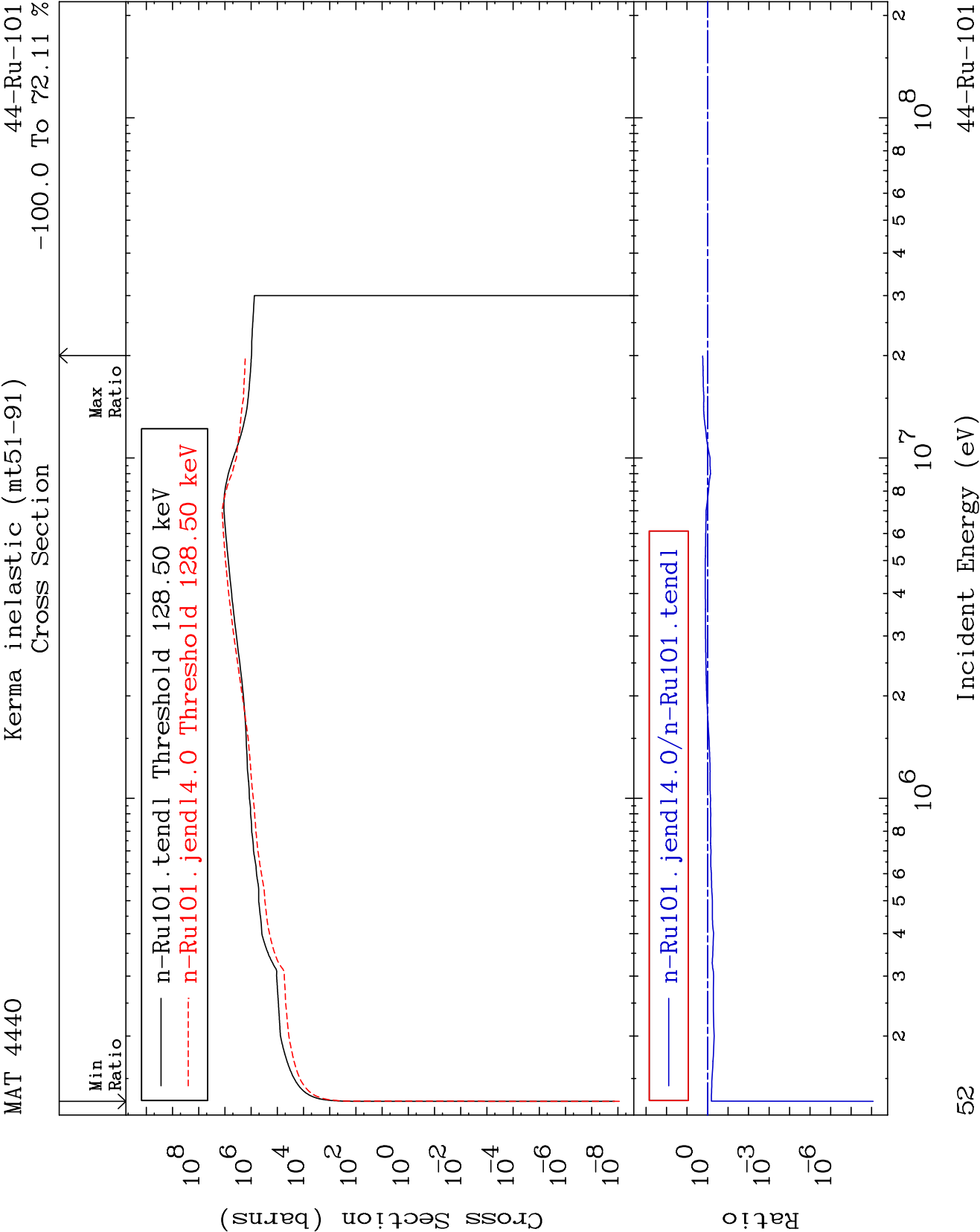


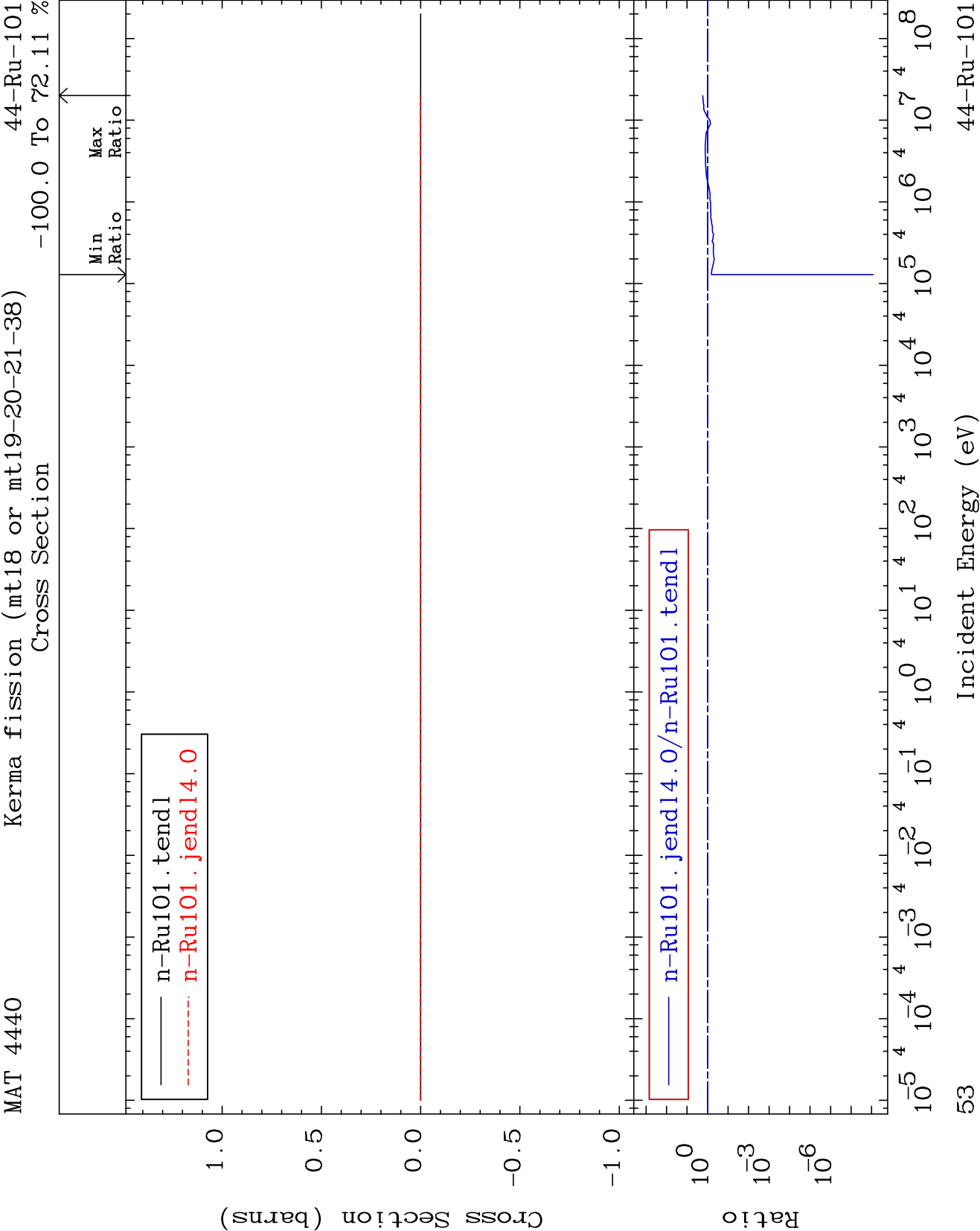
50

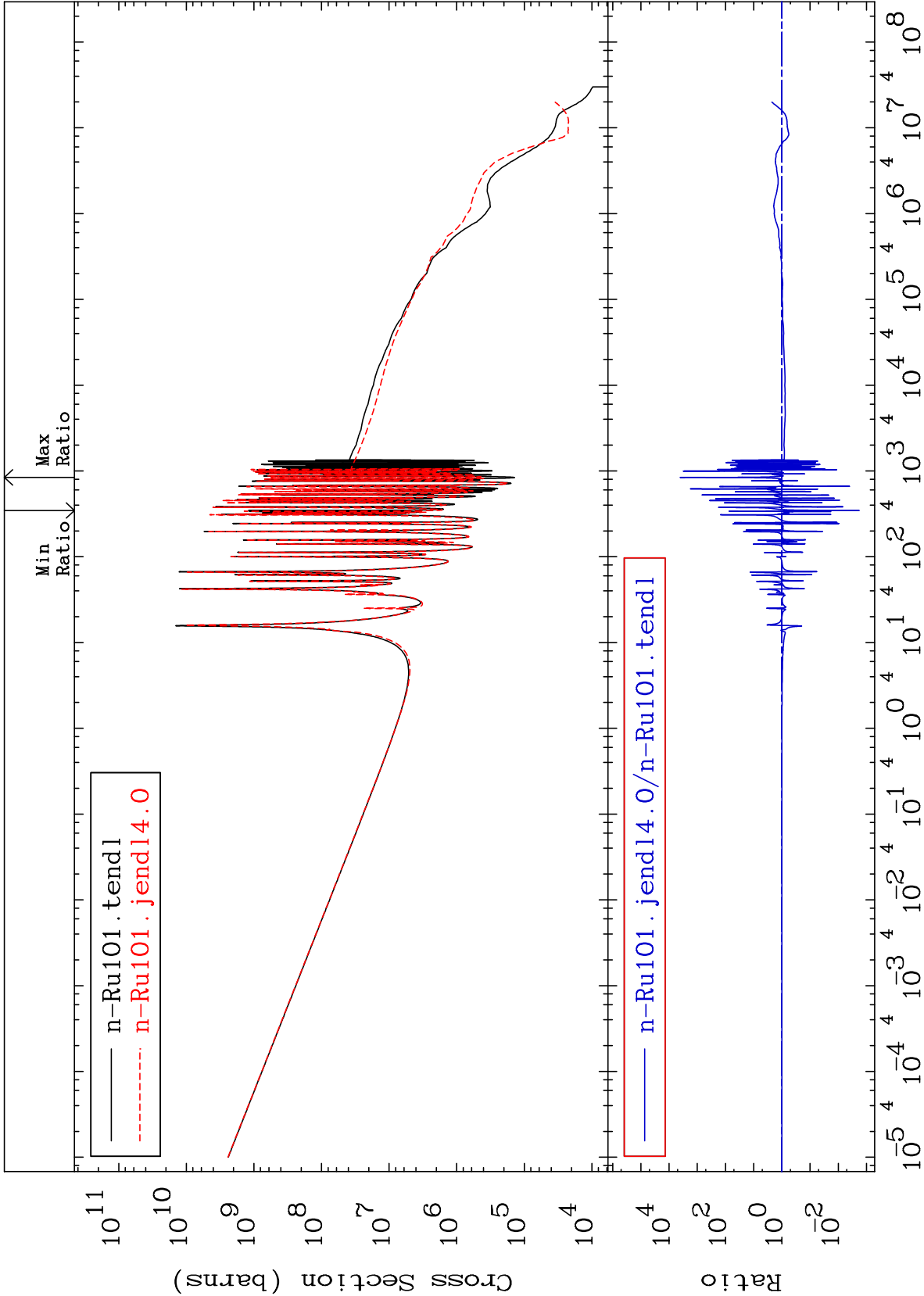
Incident Energy (eV)

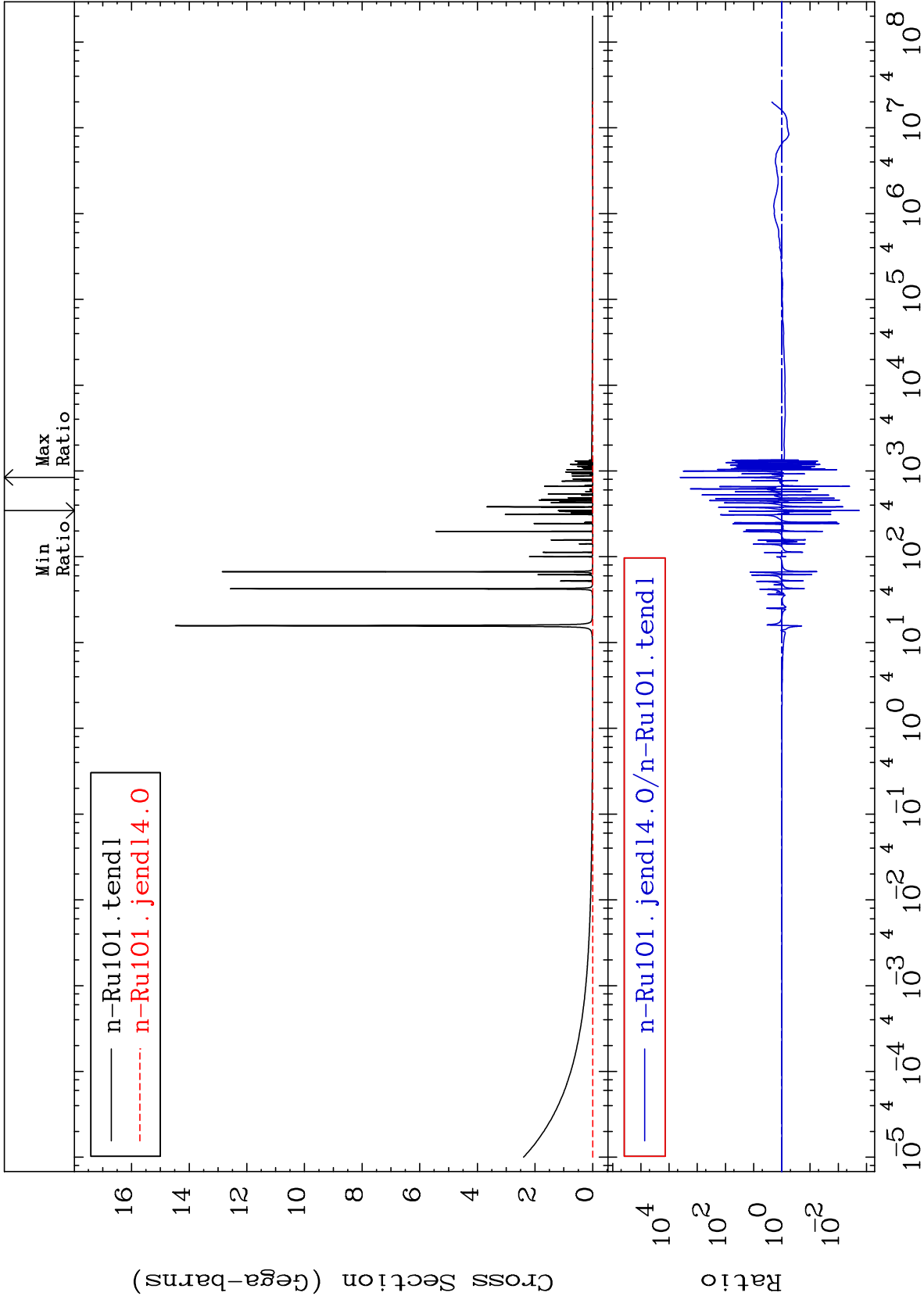
44-Ru-101

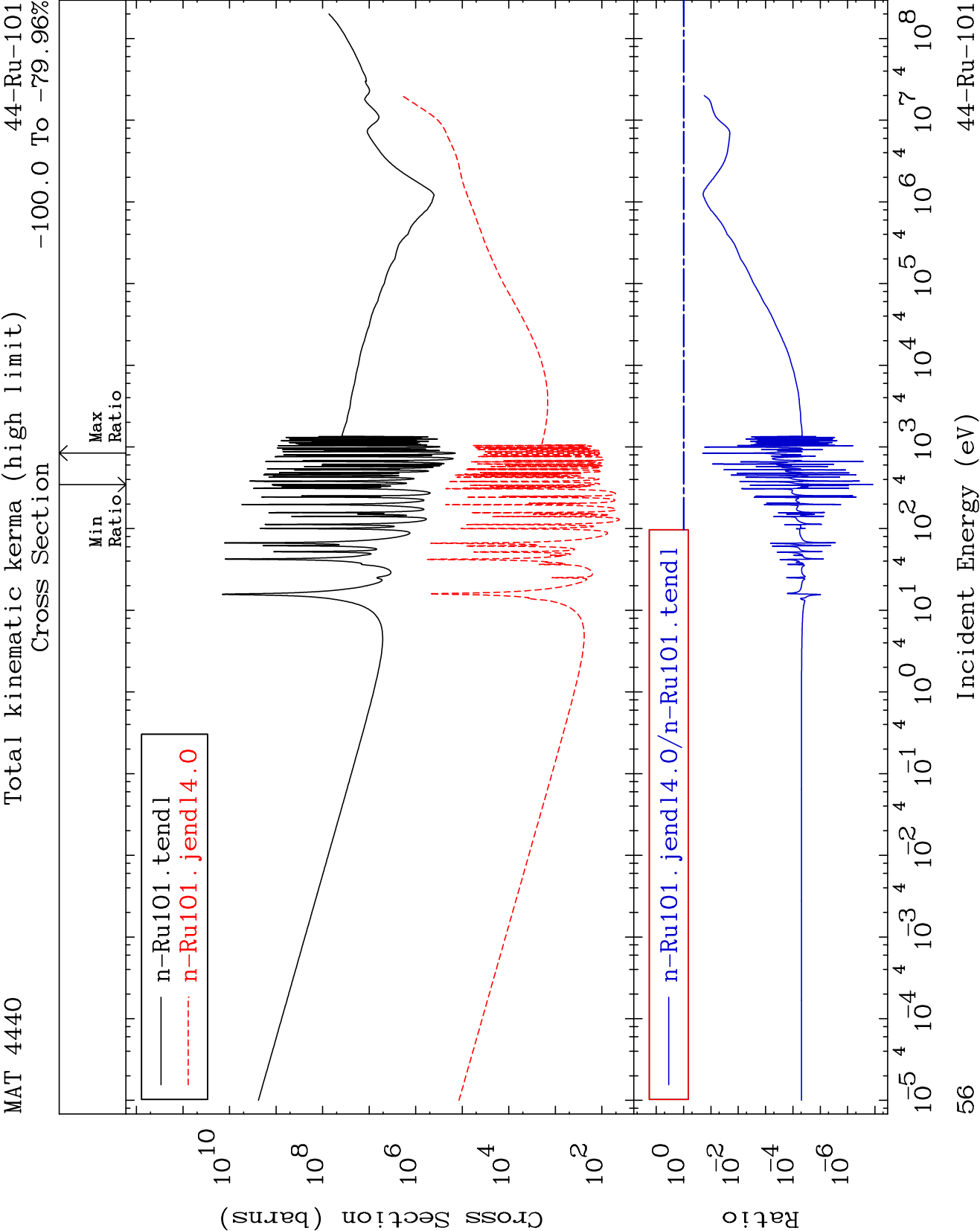


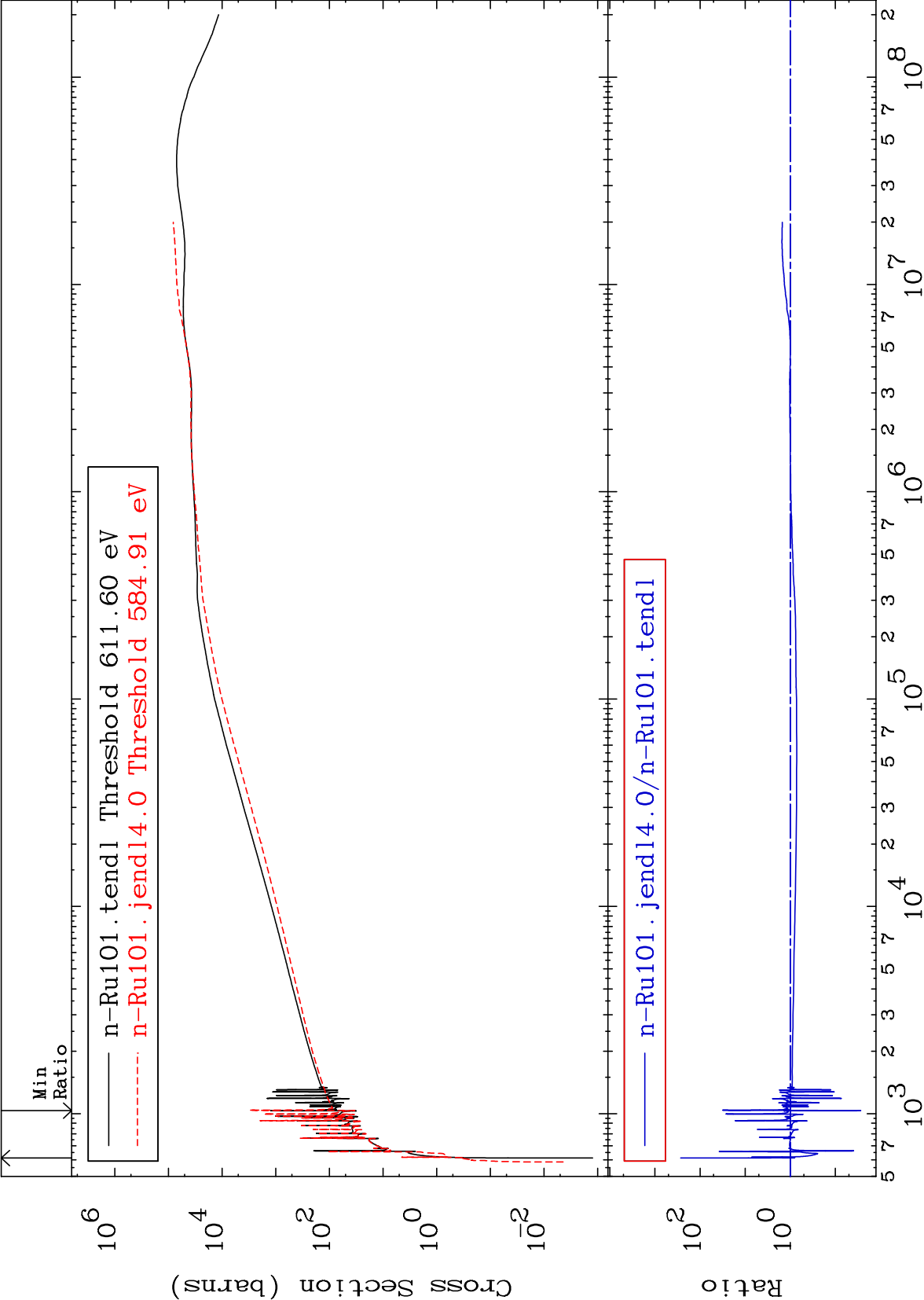


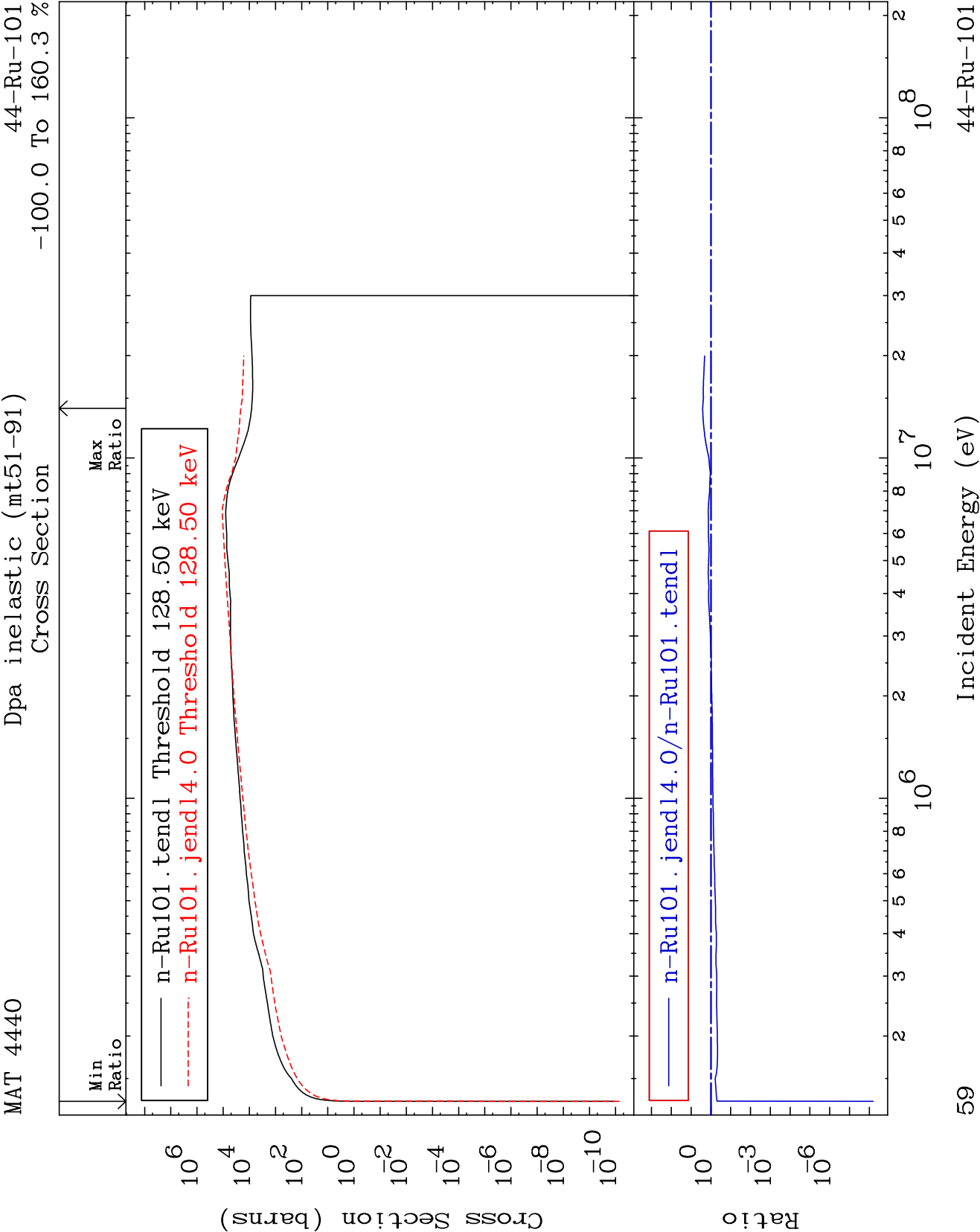












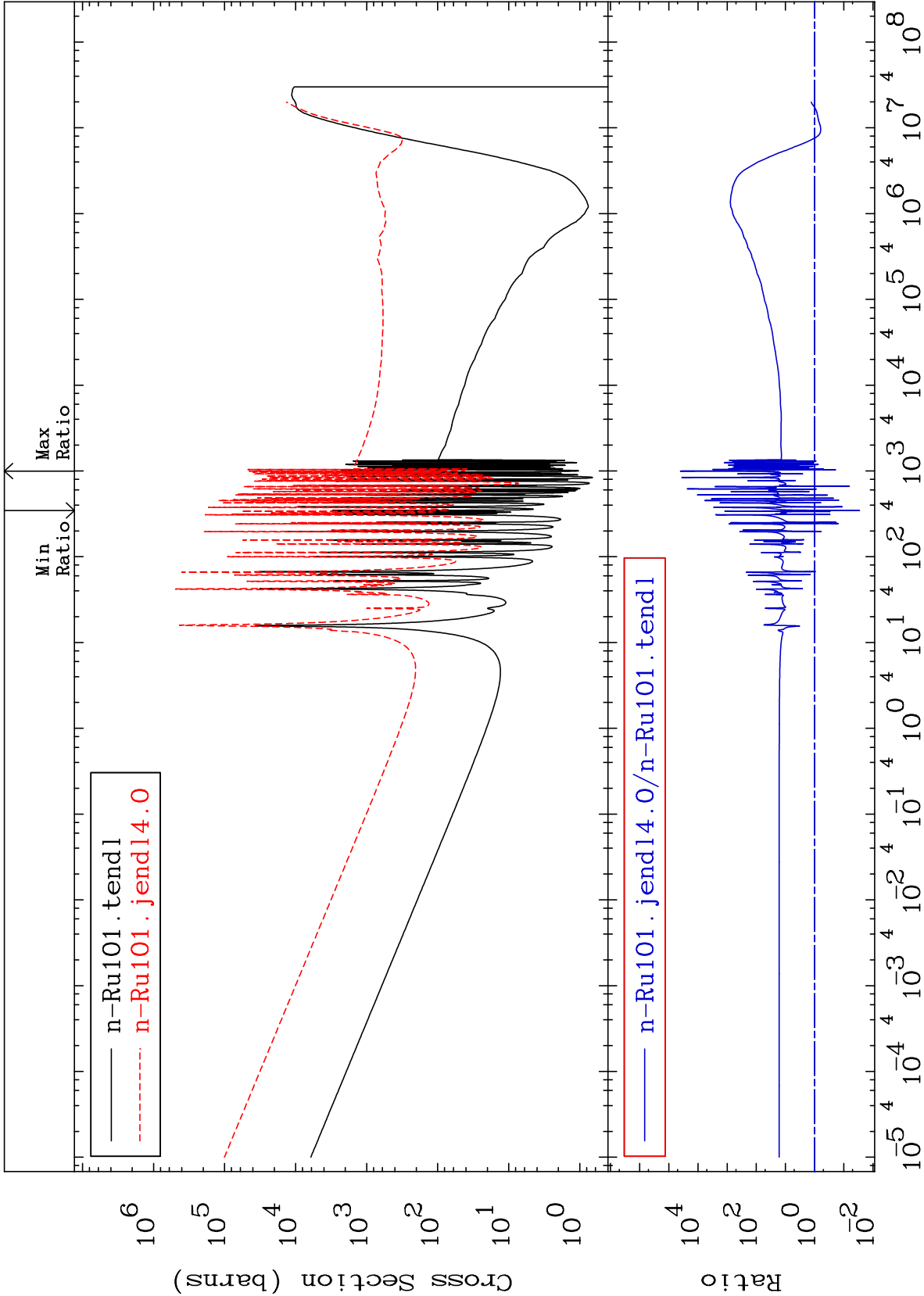
MAT 4440

Dpa disappearance (mt102 -120)

44-Ru-101

-97.08 To 9999. %

Cross Section



60

Incident Energy (eV)

44-Ru-101