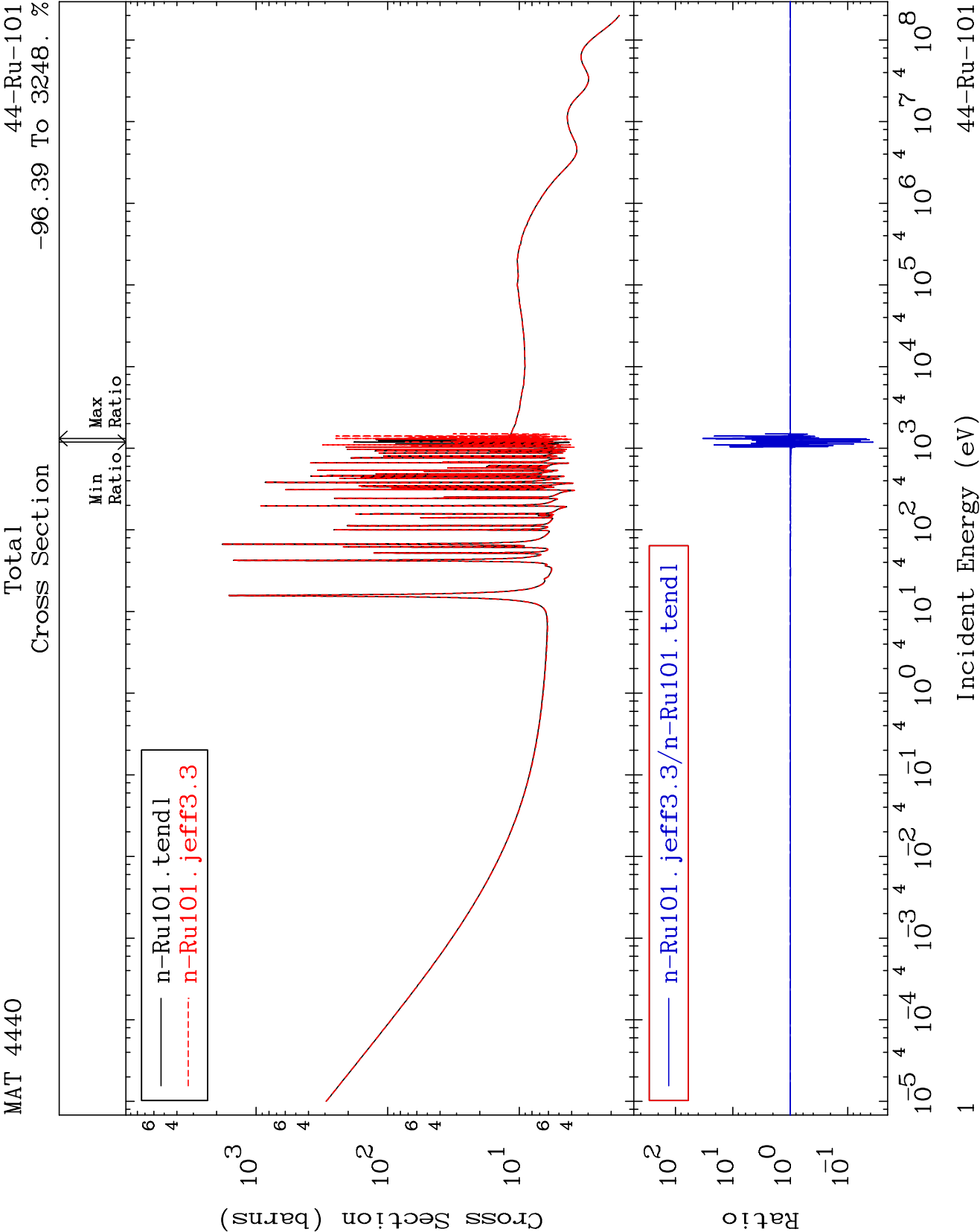




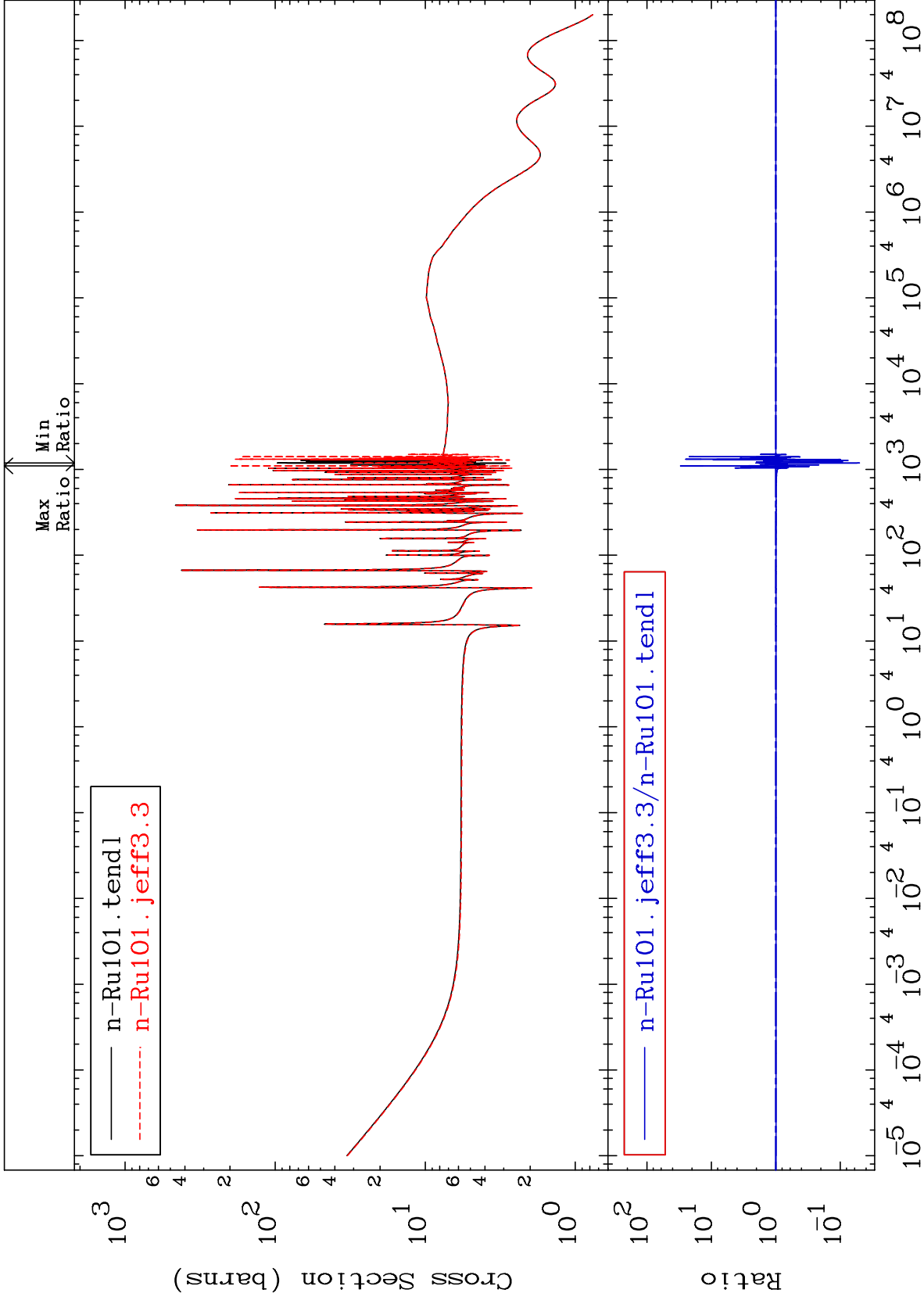
MAT 4440

Elastic

44-Ru-101

Cross Section

-94.94 To 2924. %



Incident Energy (eV)

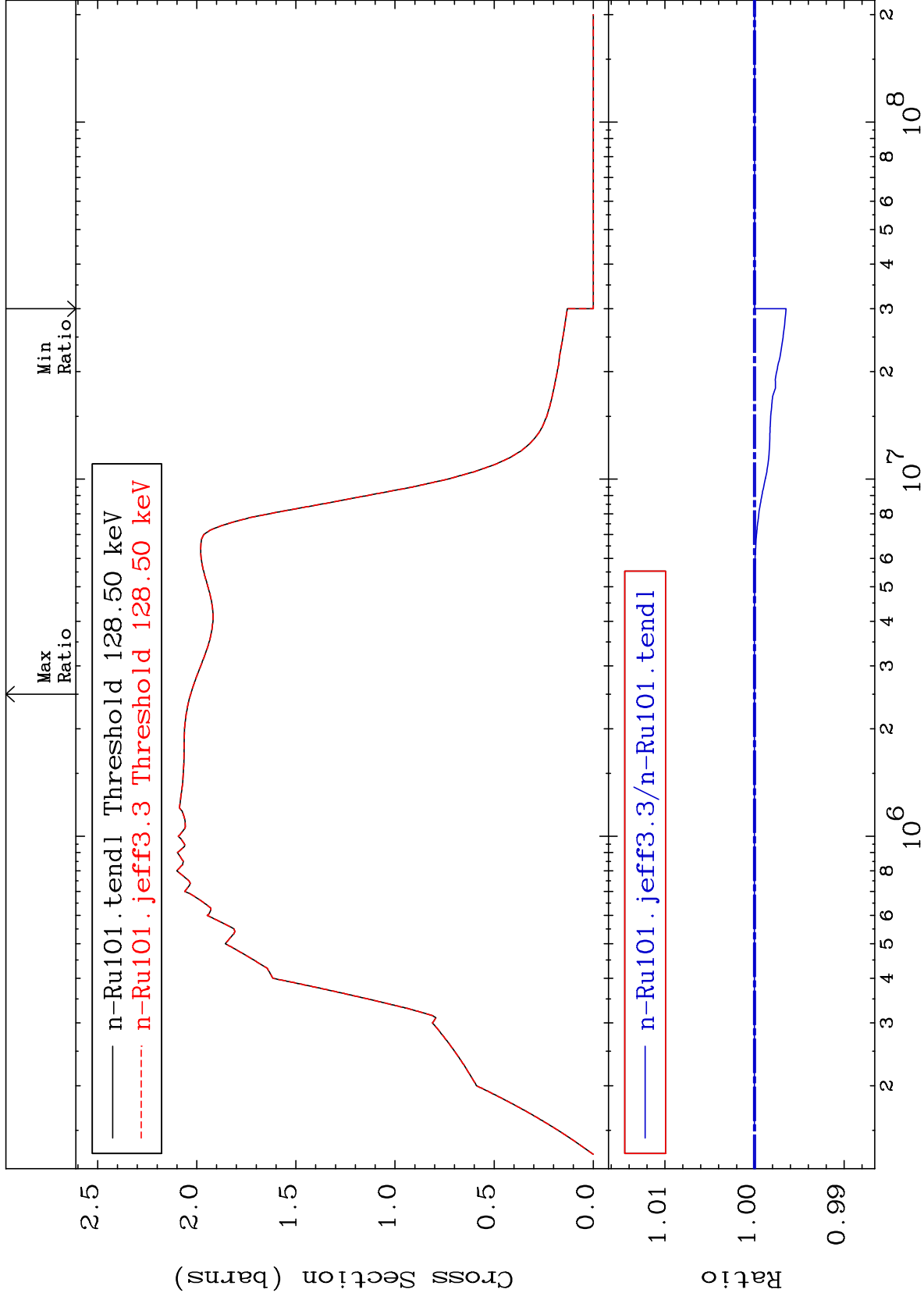
44-Ru-101

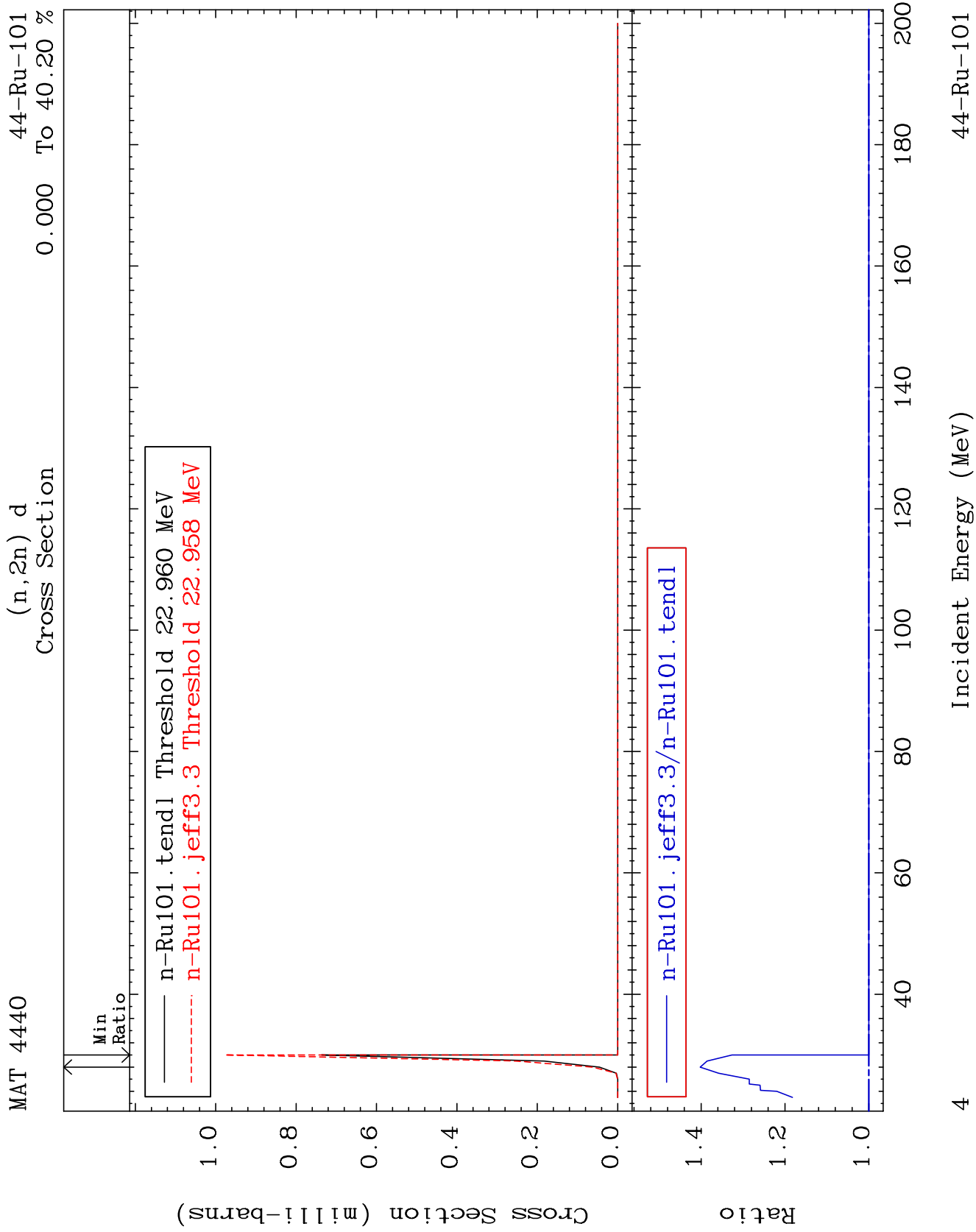
MAT 4440

44-Ru-101

Inelastic
Cross Section

-0.351 To 0.002 %





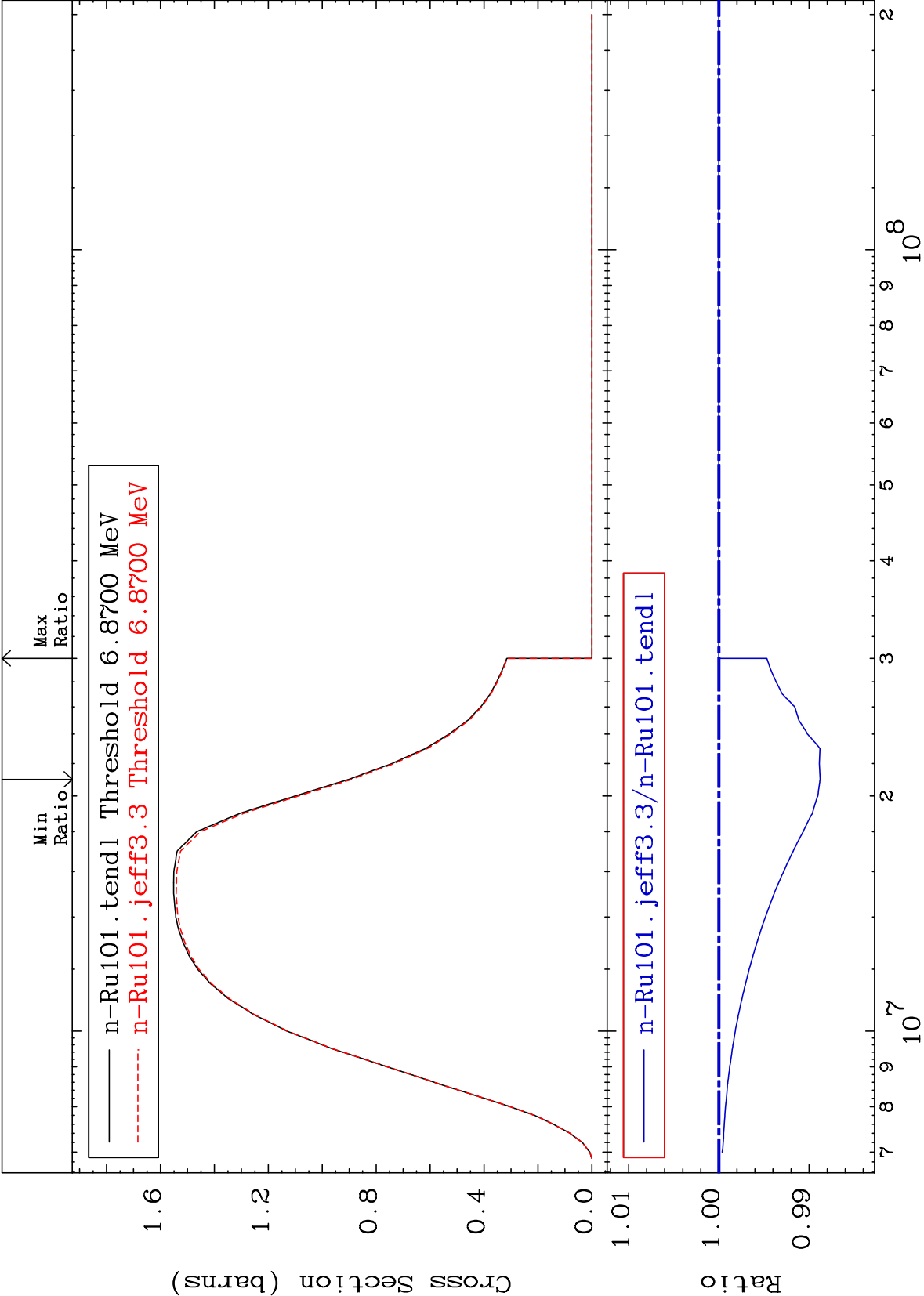
MAT 4440

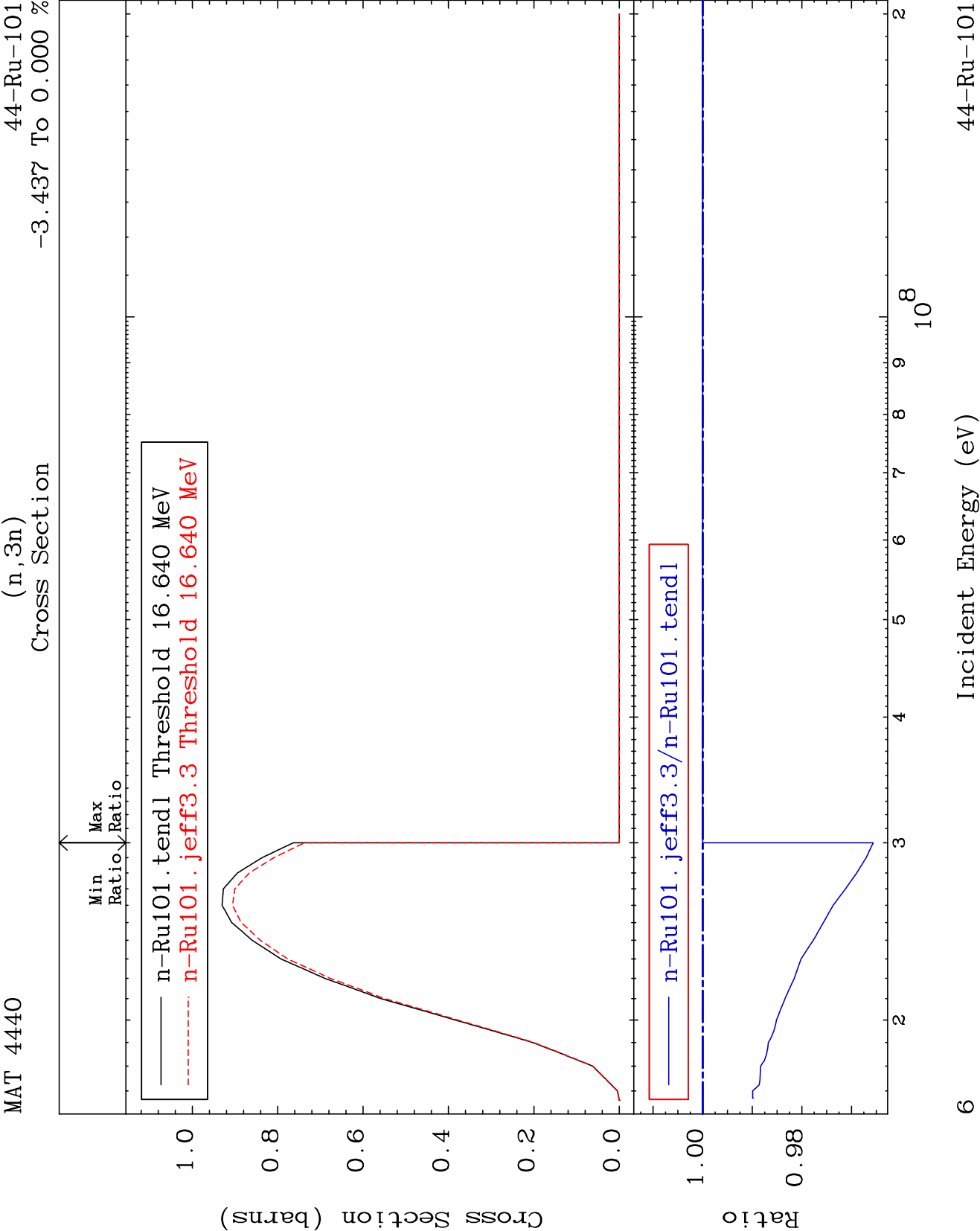
(n,2n)

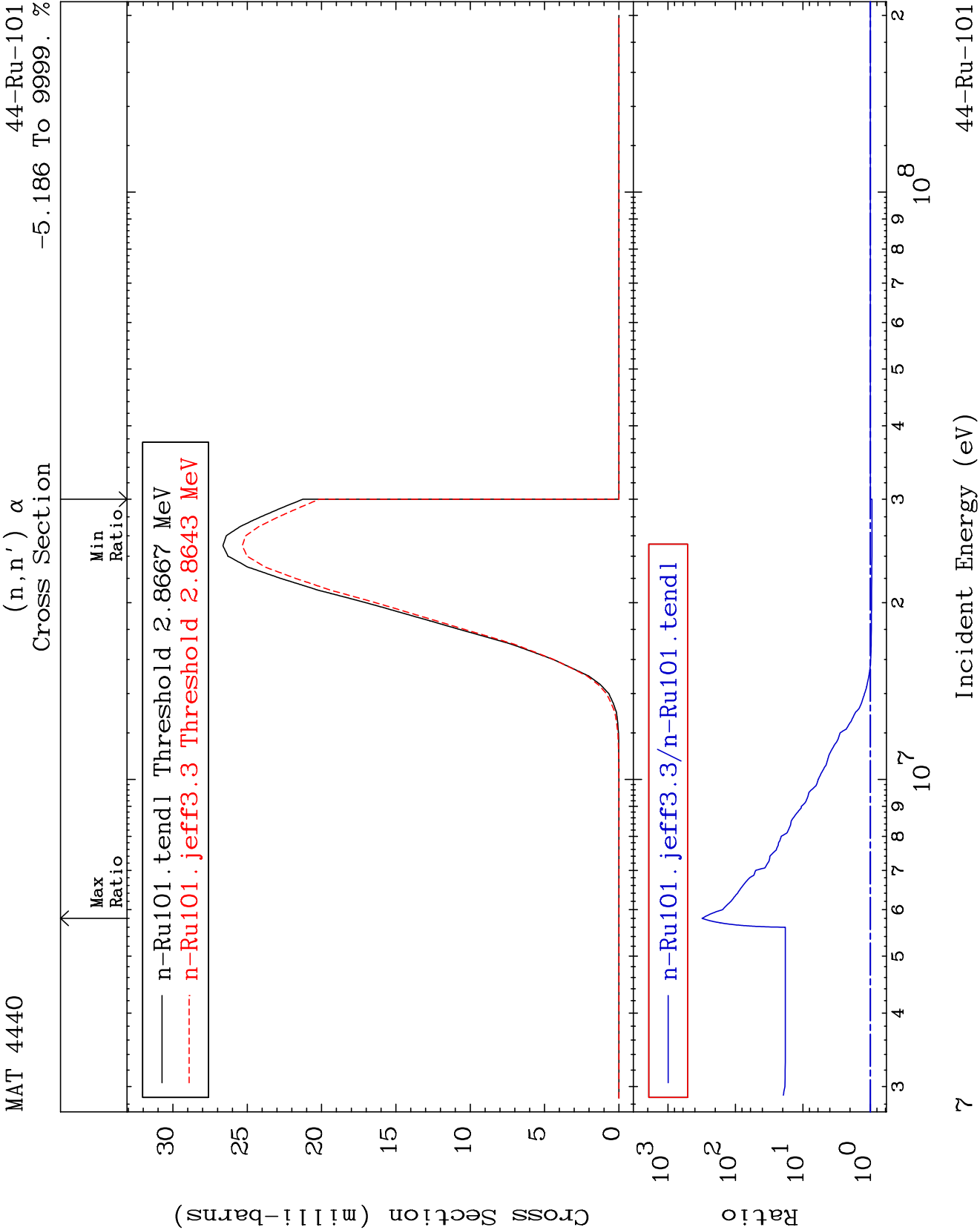
44-Ru-101

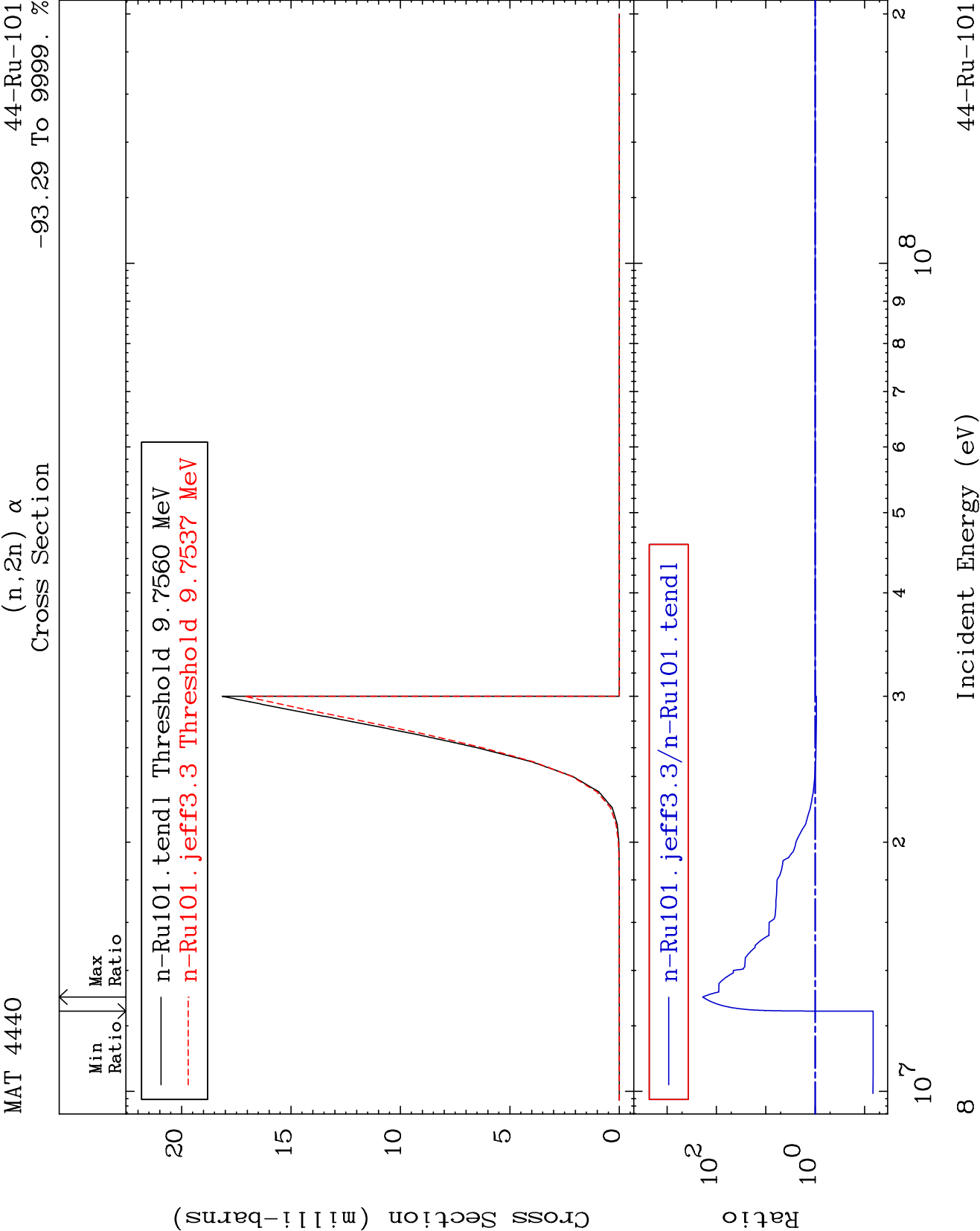
Cross Section

-1.122 To 0.000 %



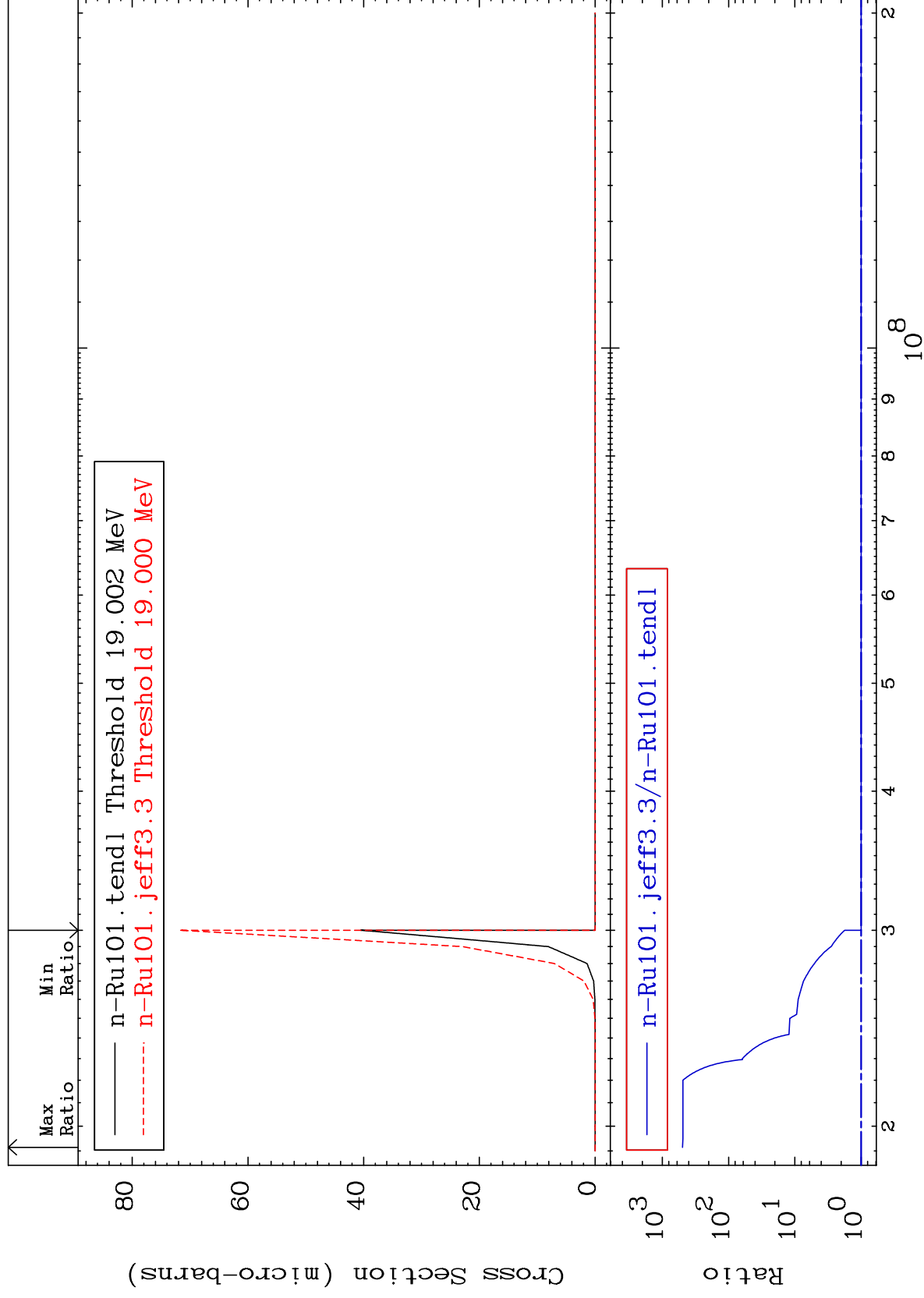






MAT 4440

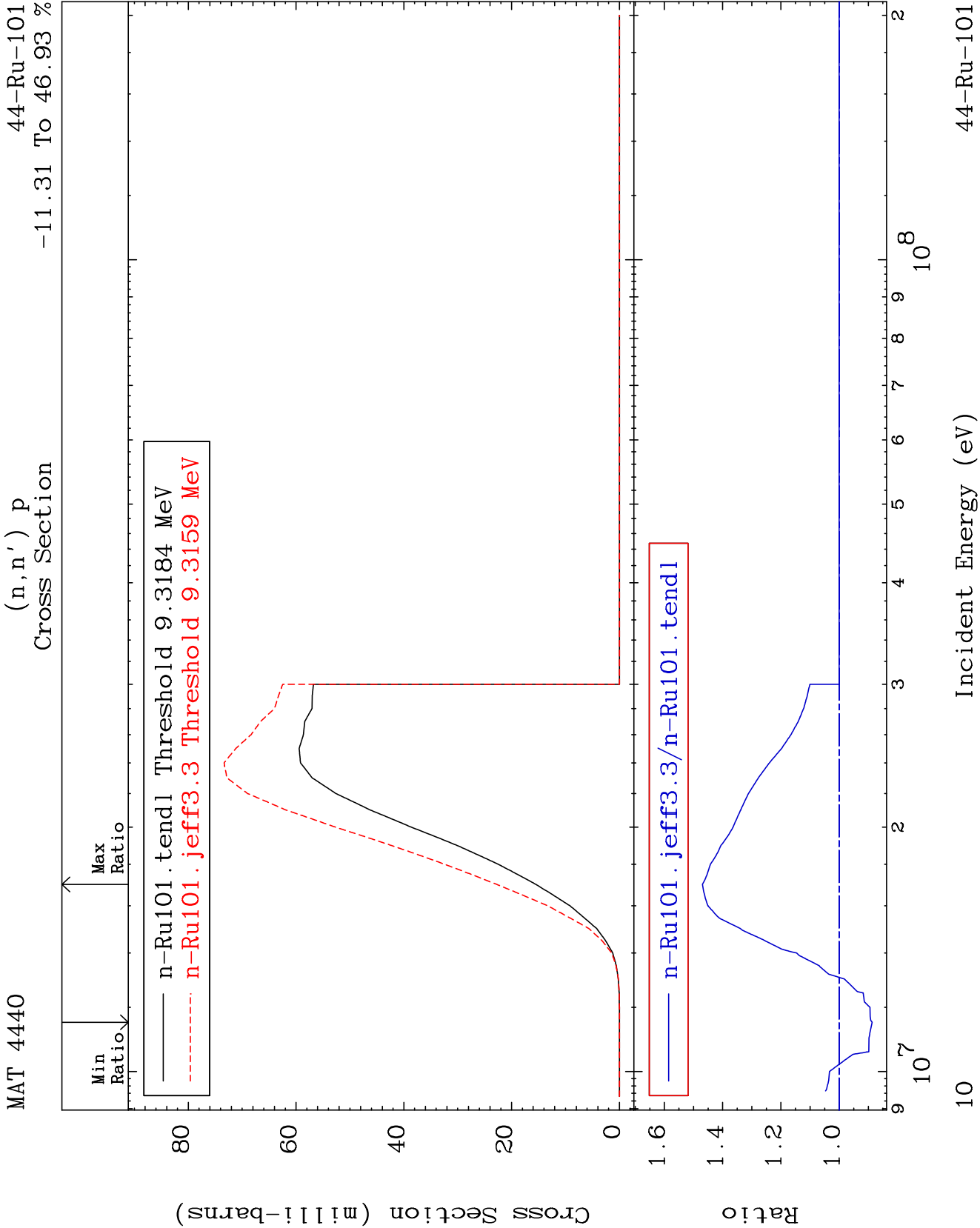
(n,3n) α	44-Ru-101
Cross Section	0.000 To 9999. %

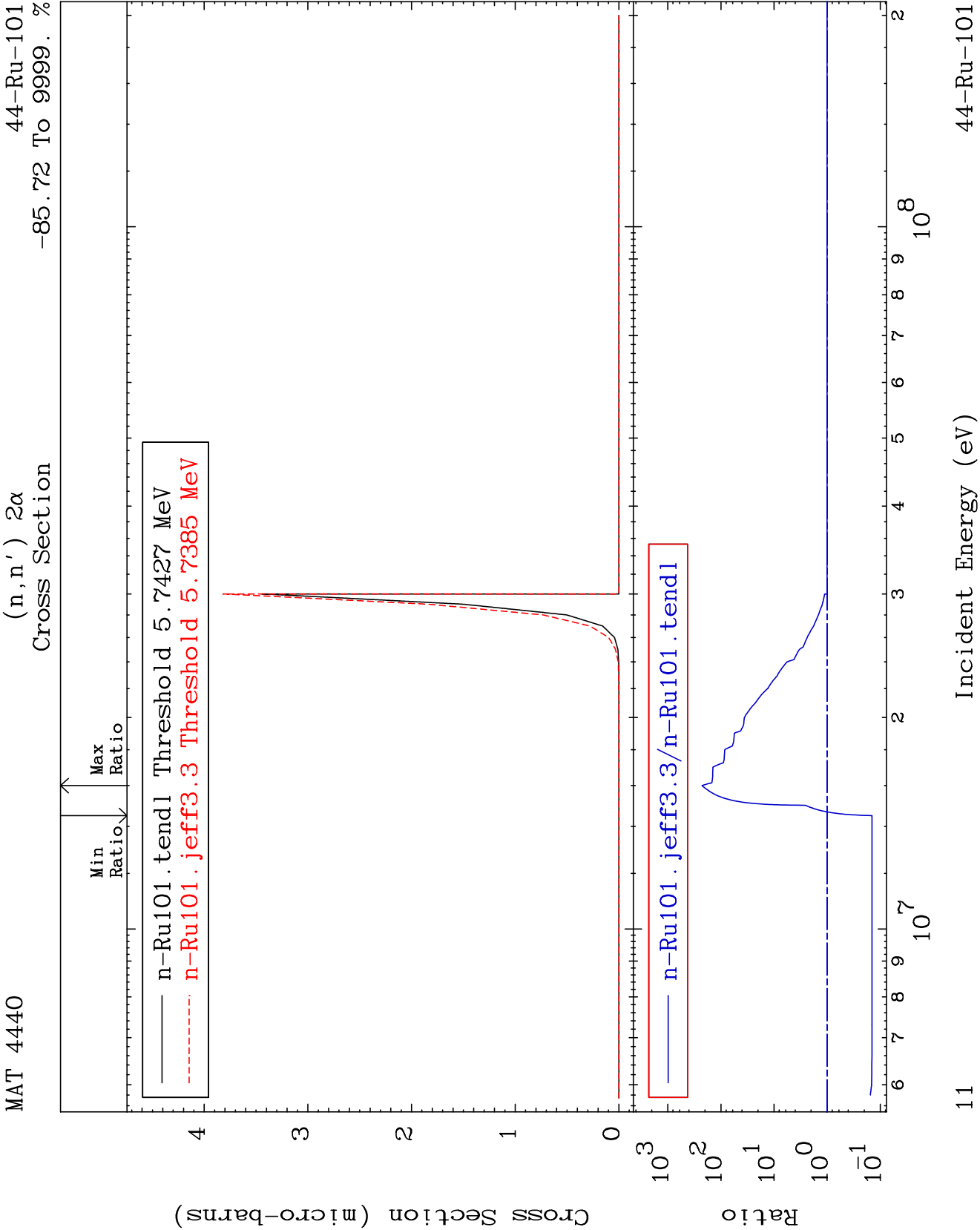


9

Incident Energy (eV)

44-Ru-101



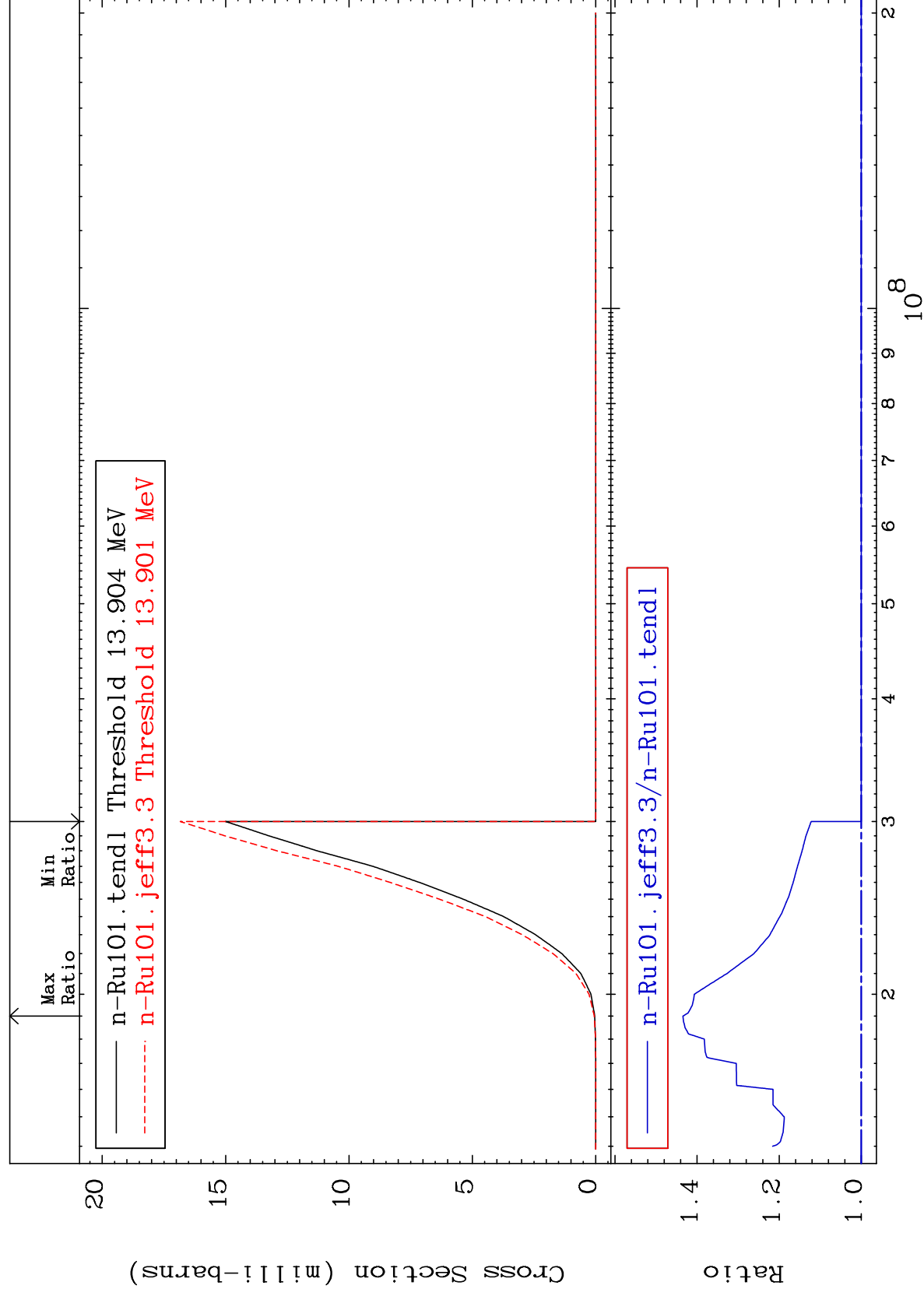


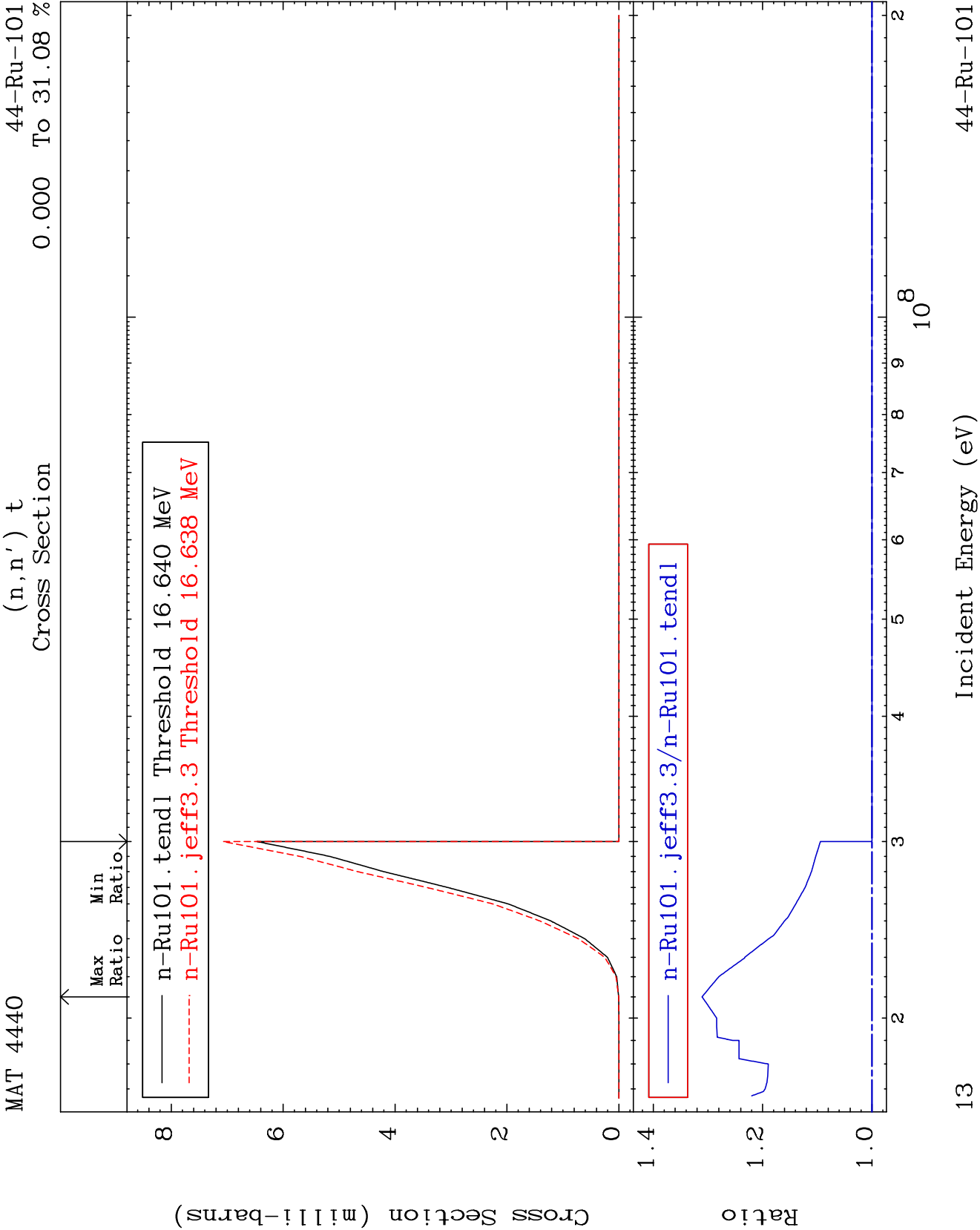
MAT 4440

$$(n, n') \text{ d}$$

Cross Section

44-Ru-101
0.000 To 43.44 %

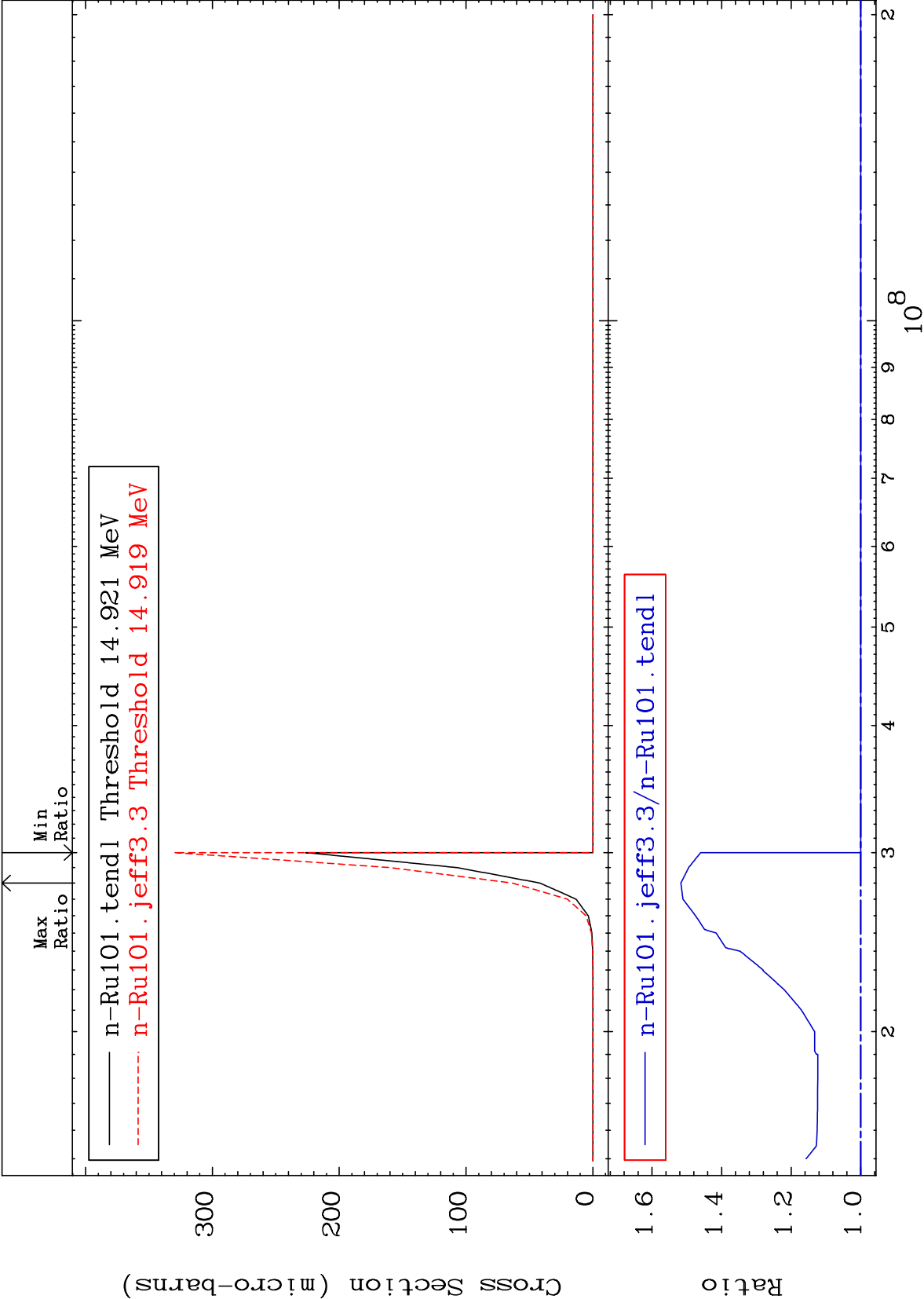




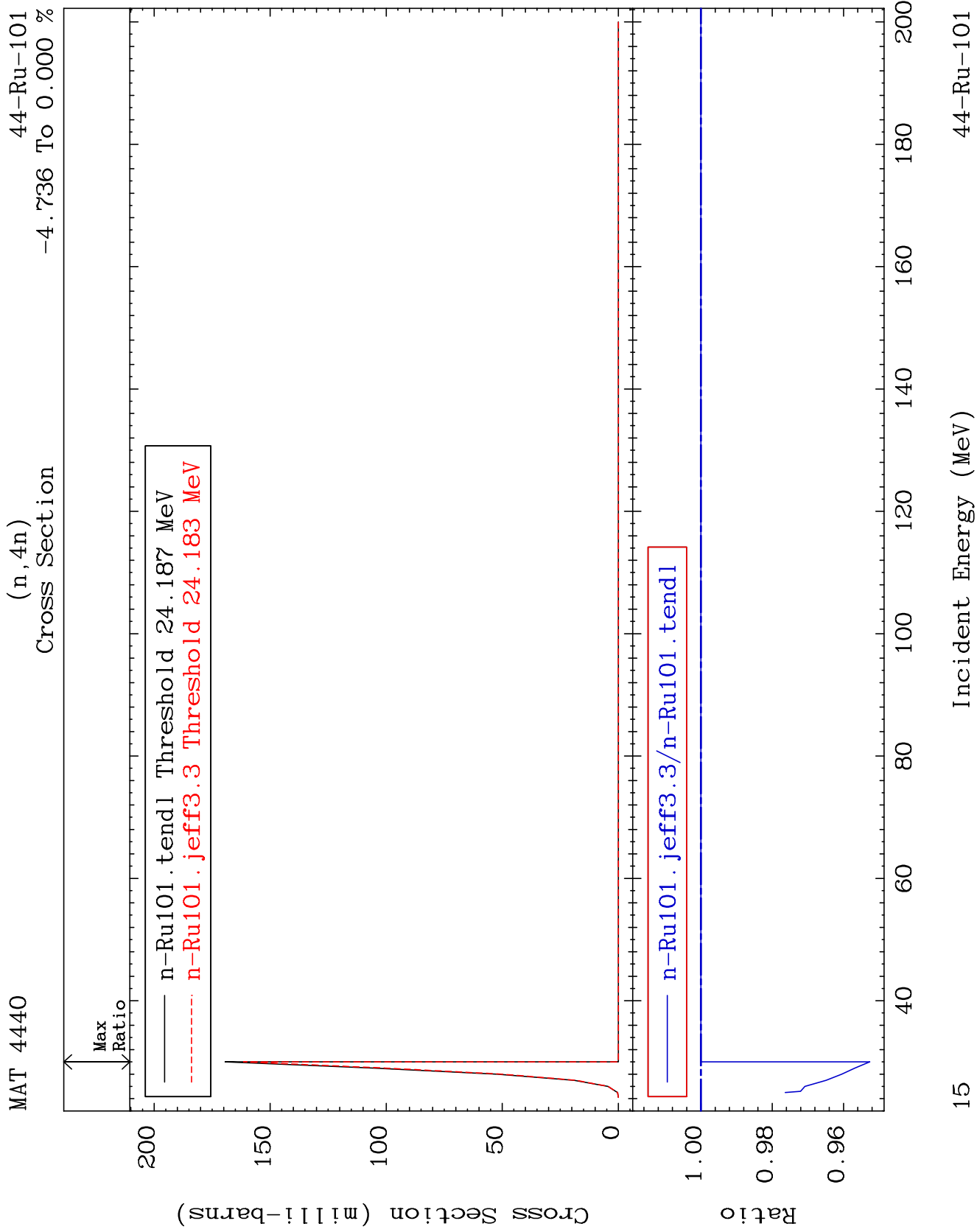
MAT 4440

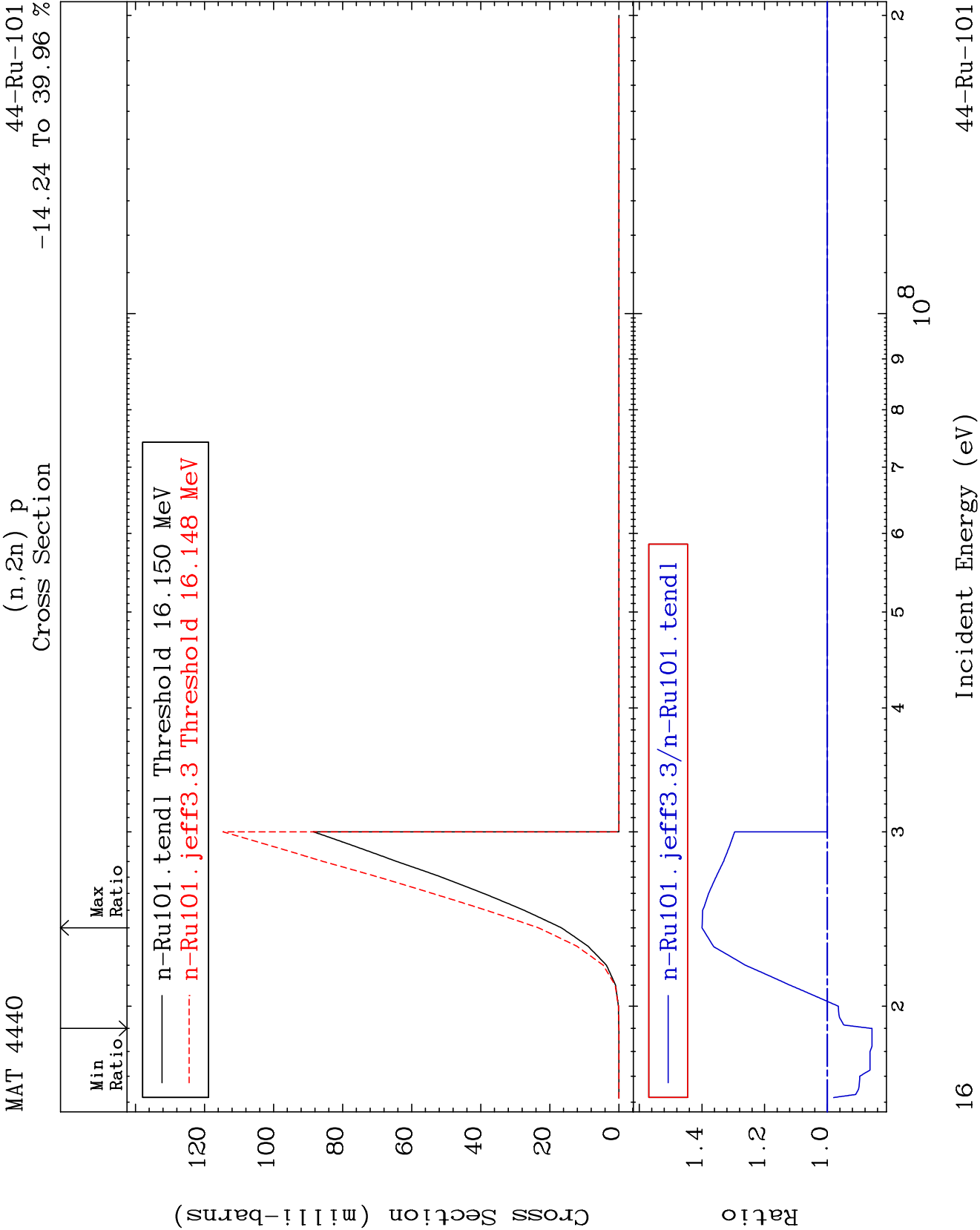
(n,n') He-3
Cross Section

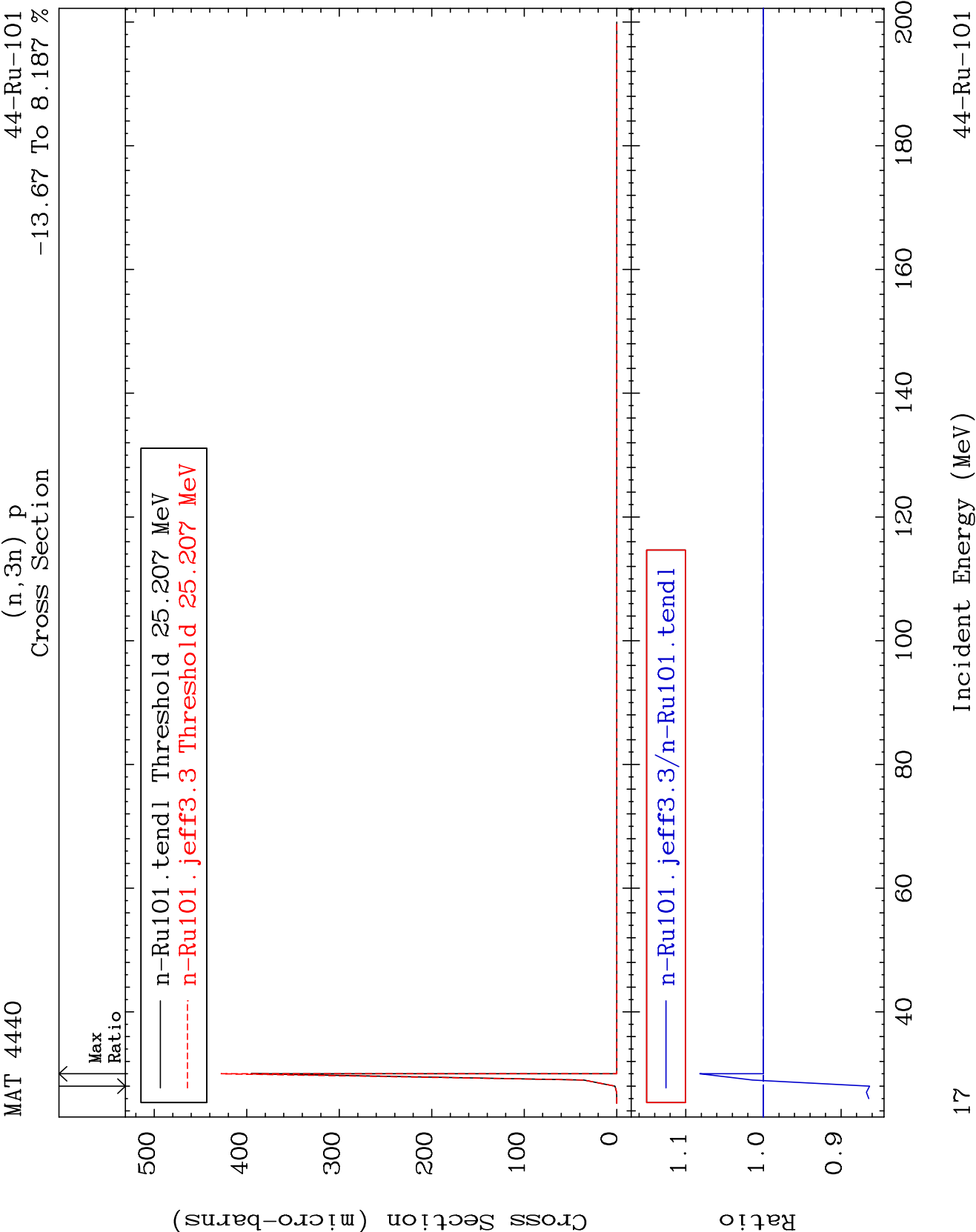
44-Ru-101
0.000 To 51.70 %

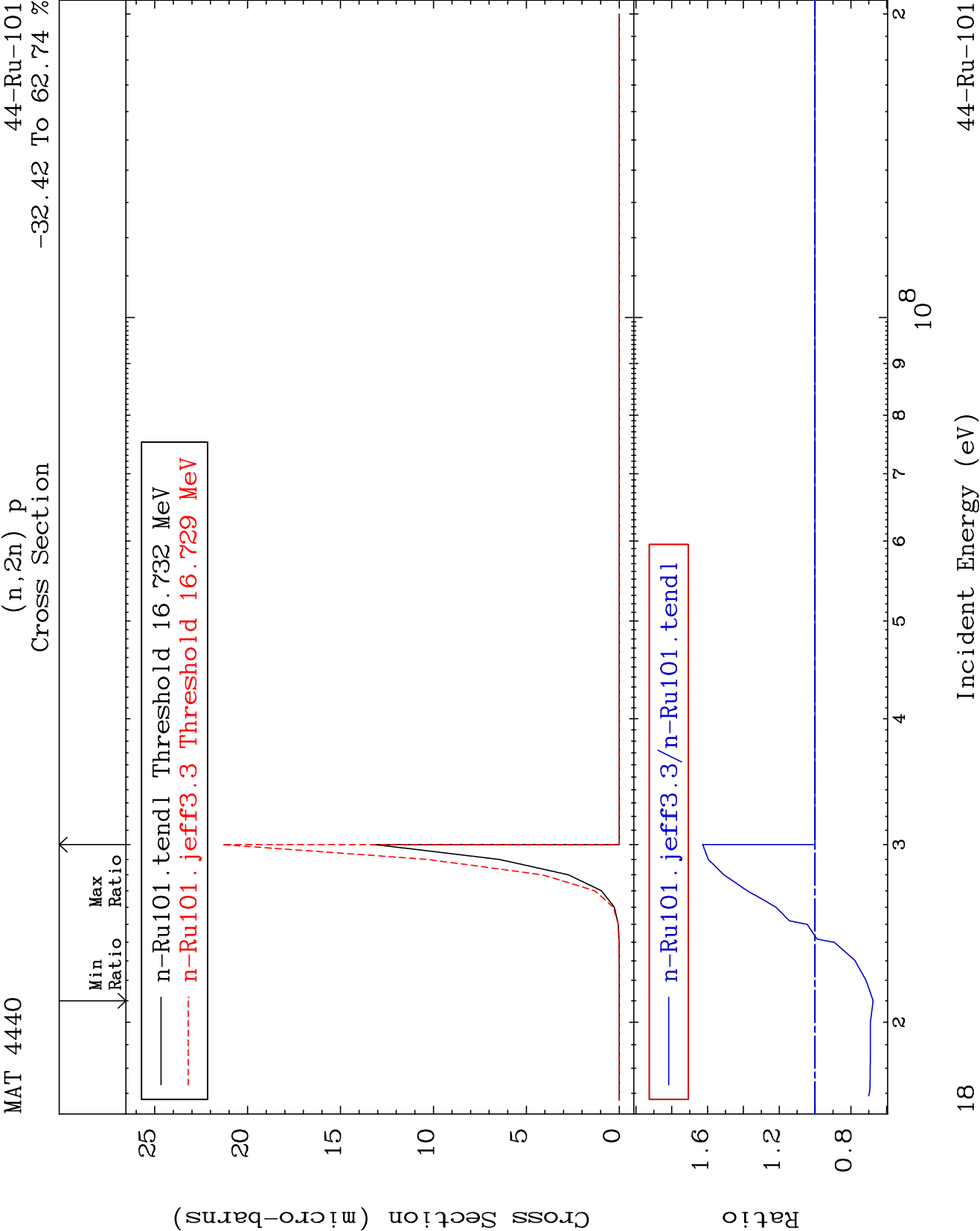


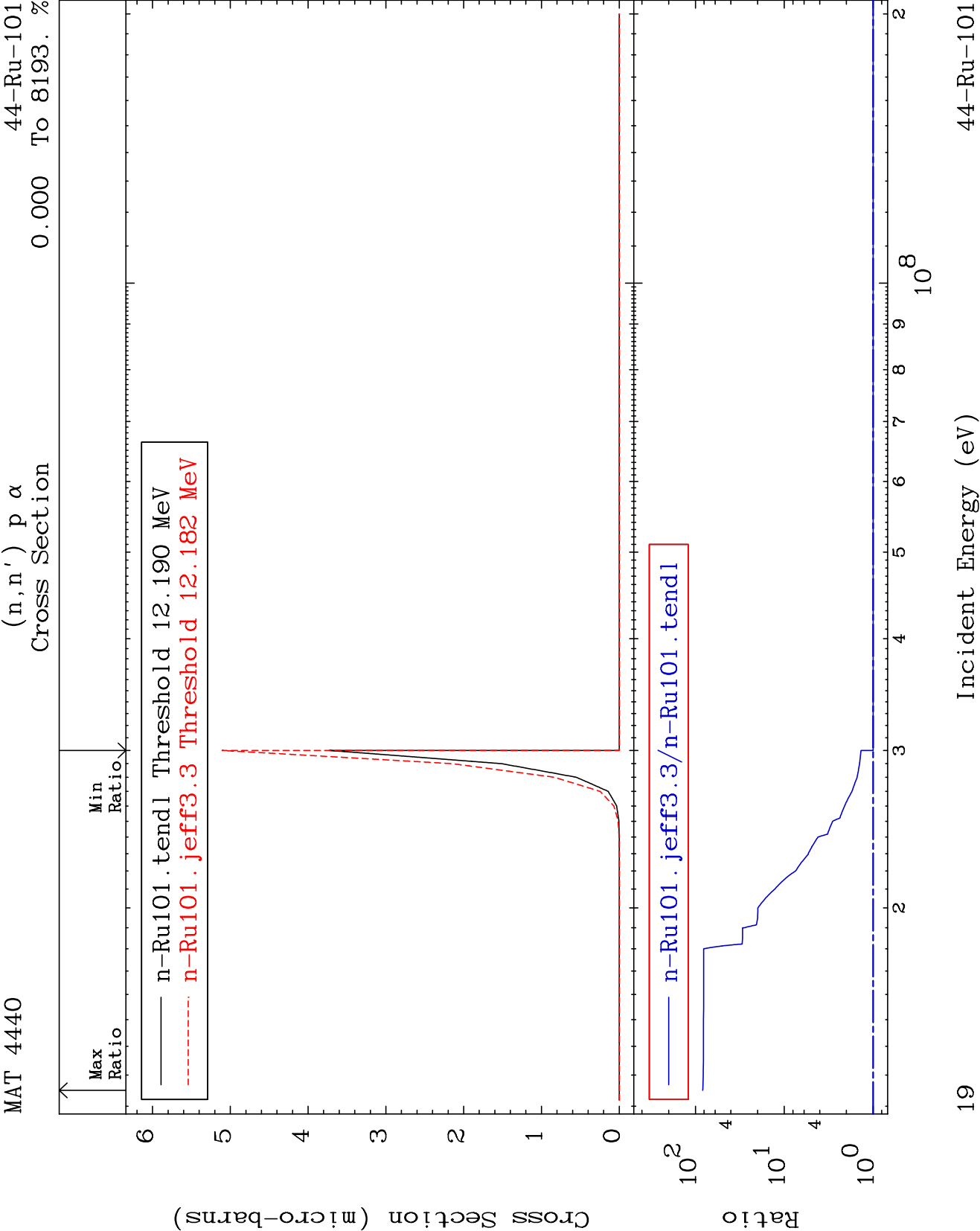
14

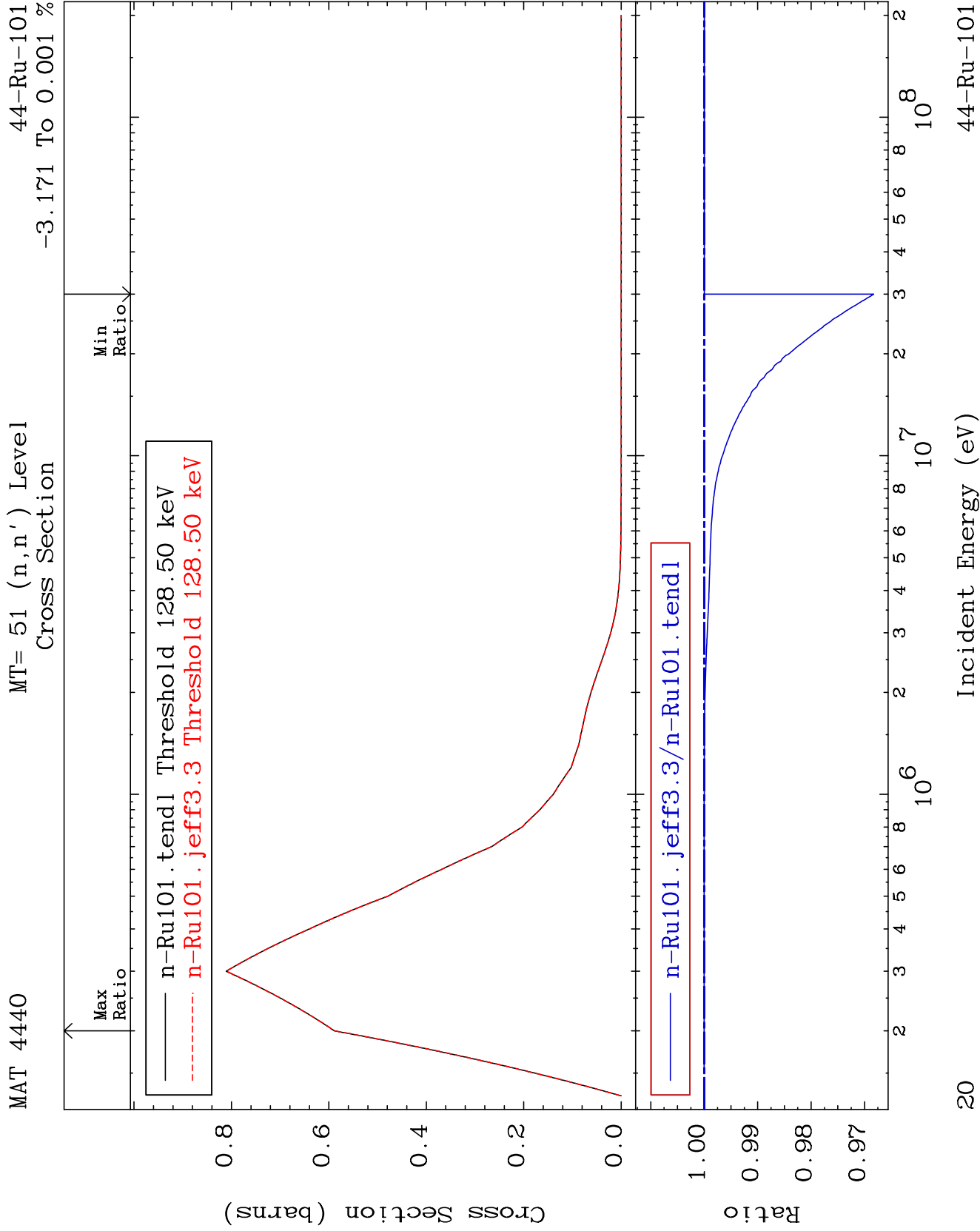


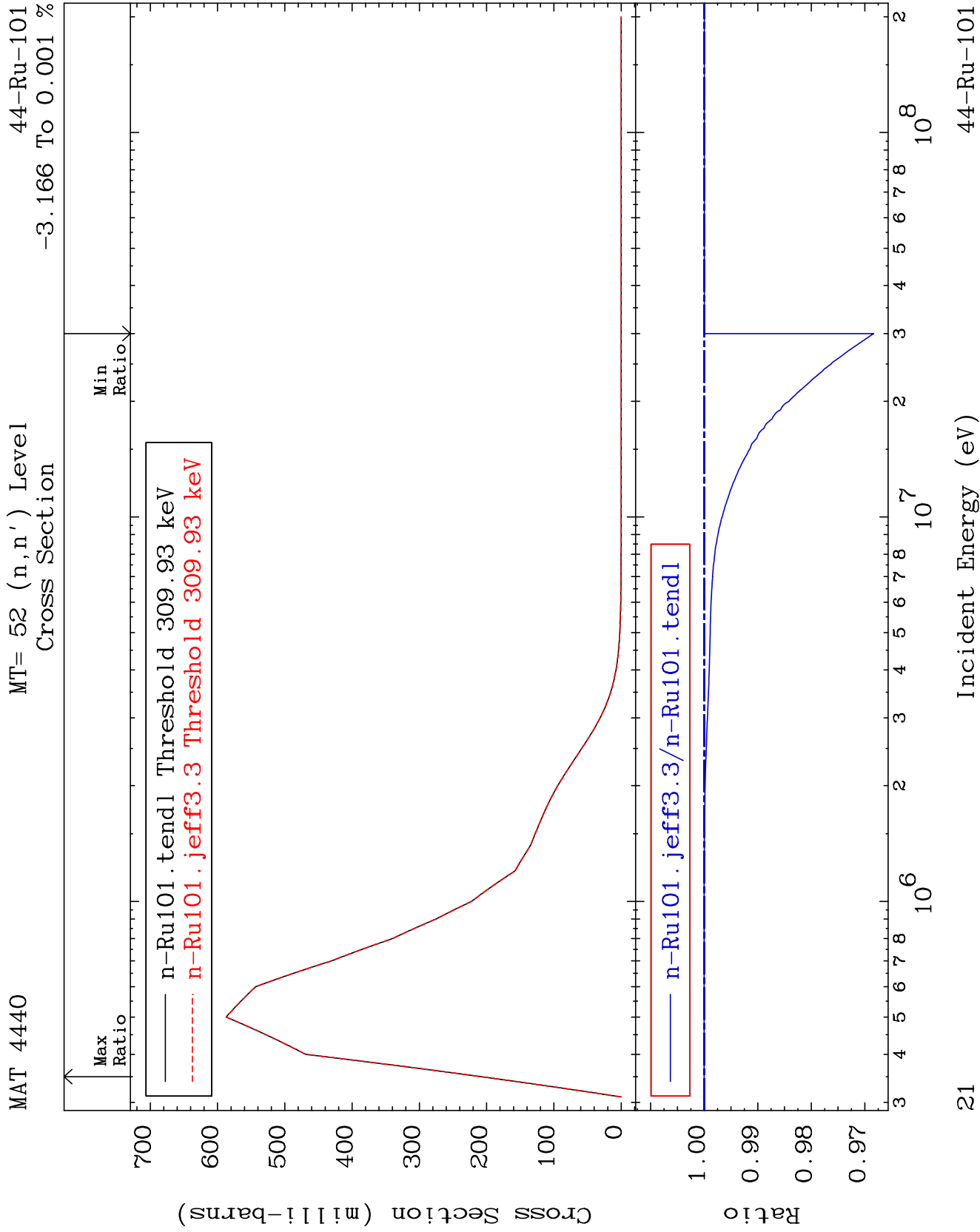


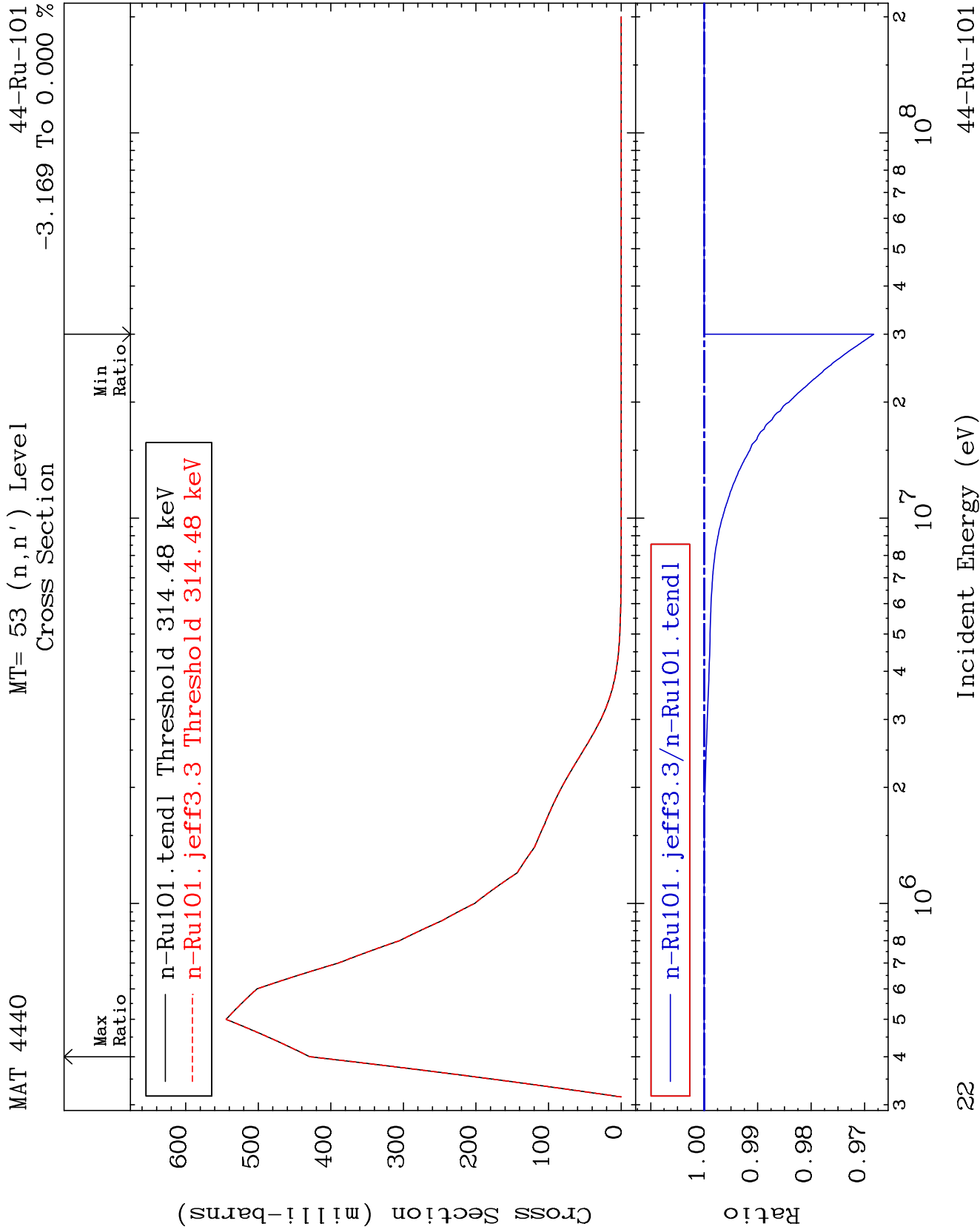


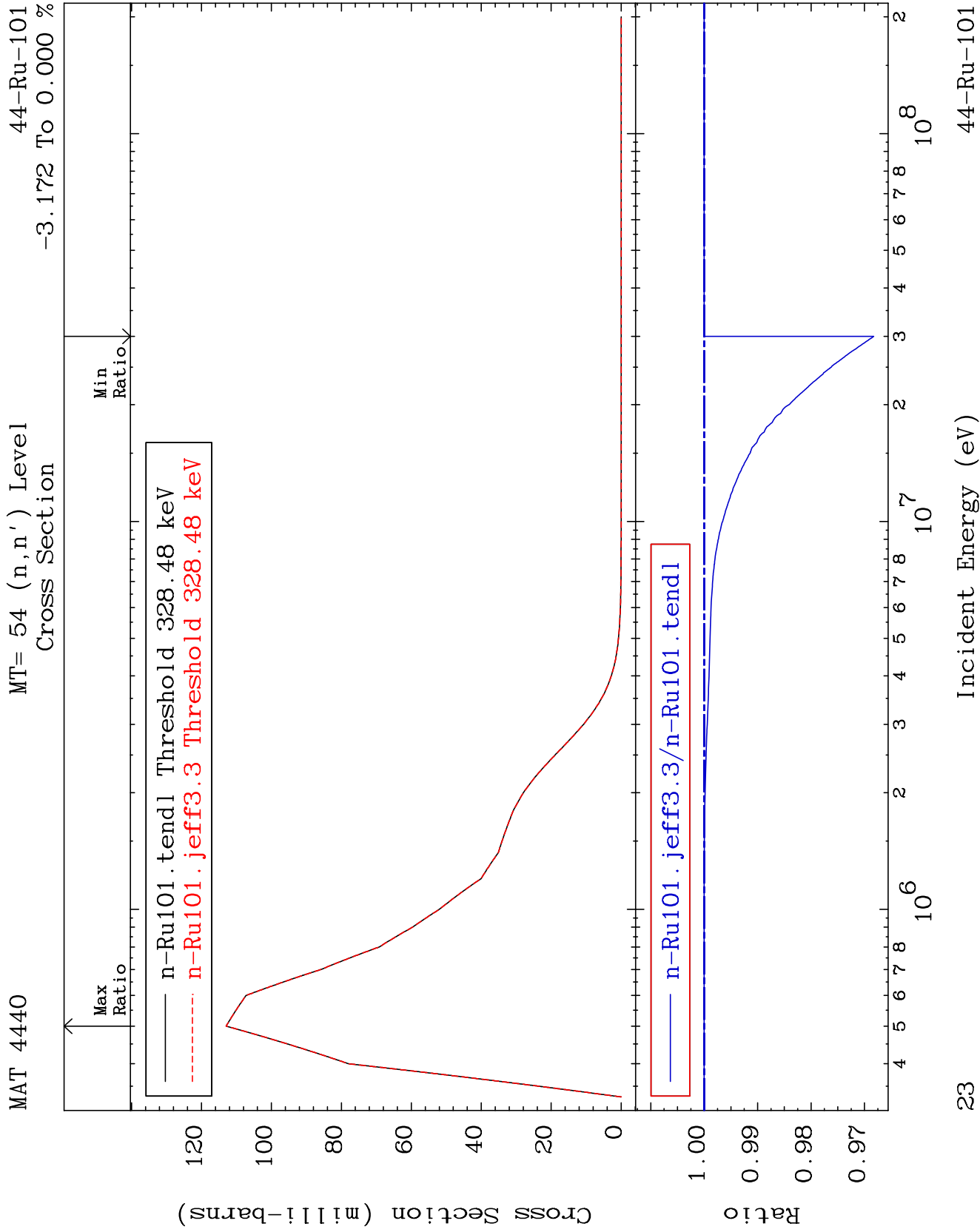


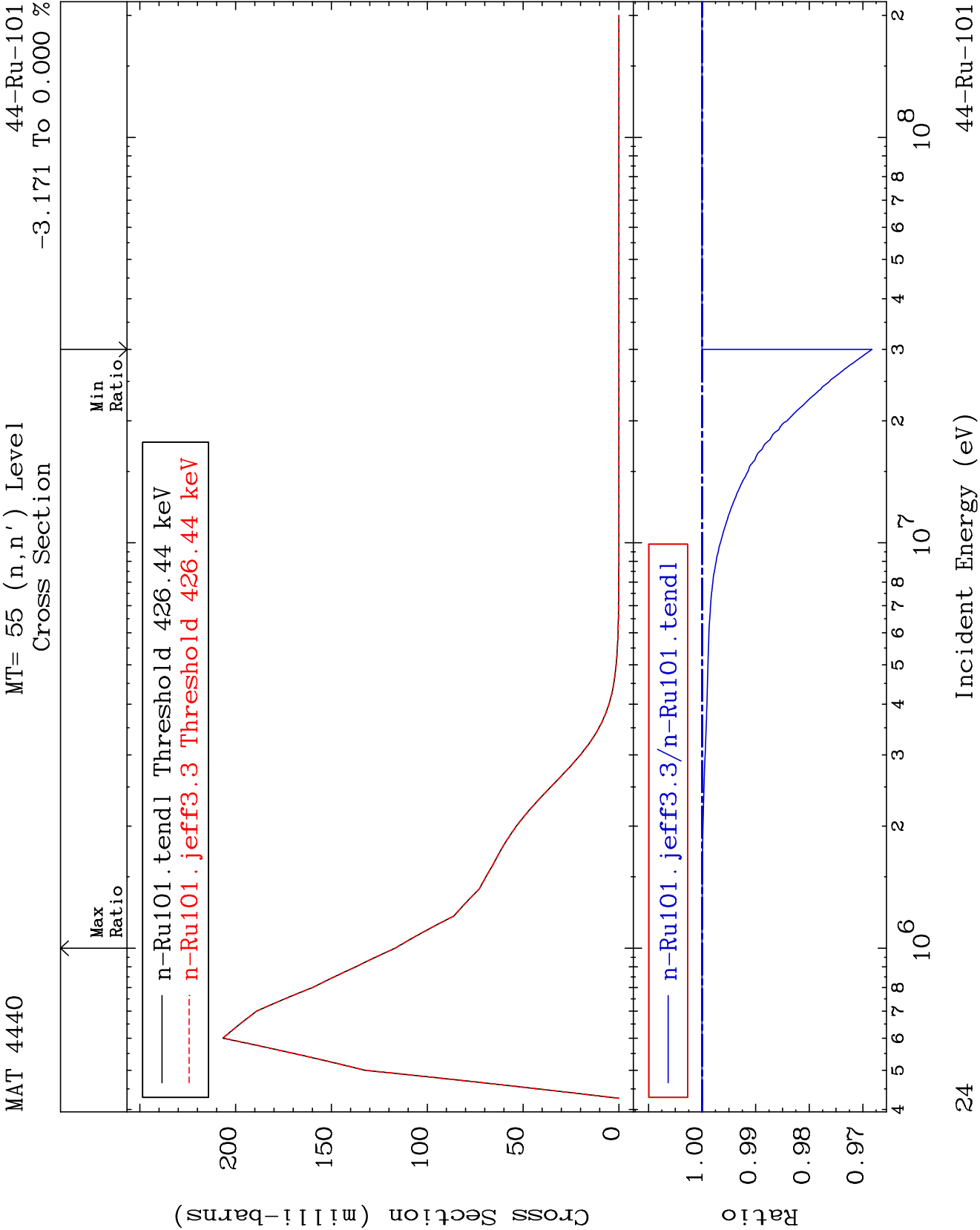


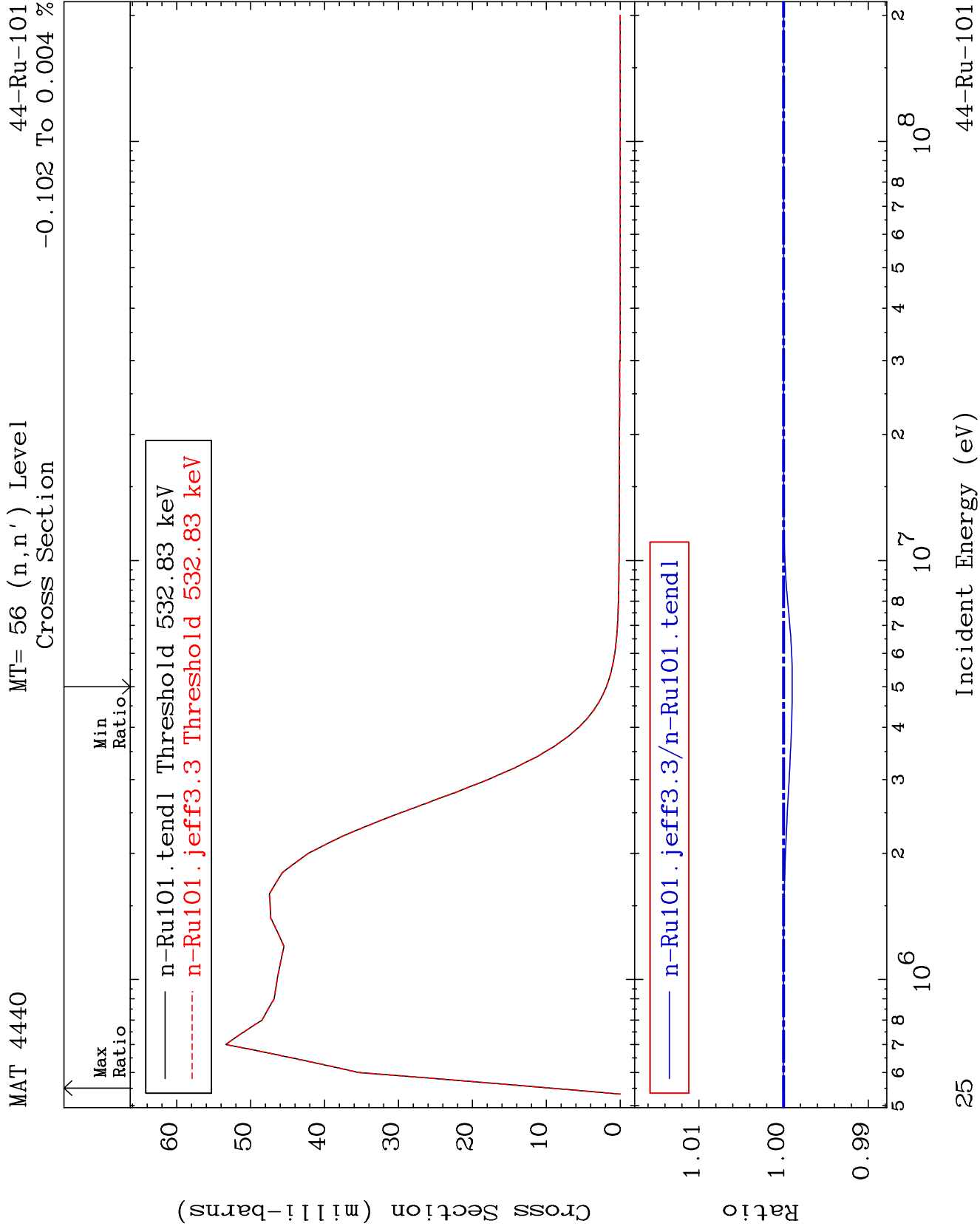


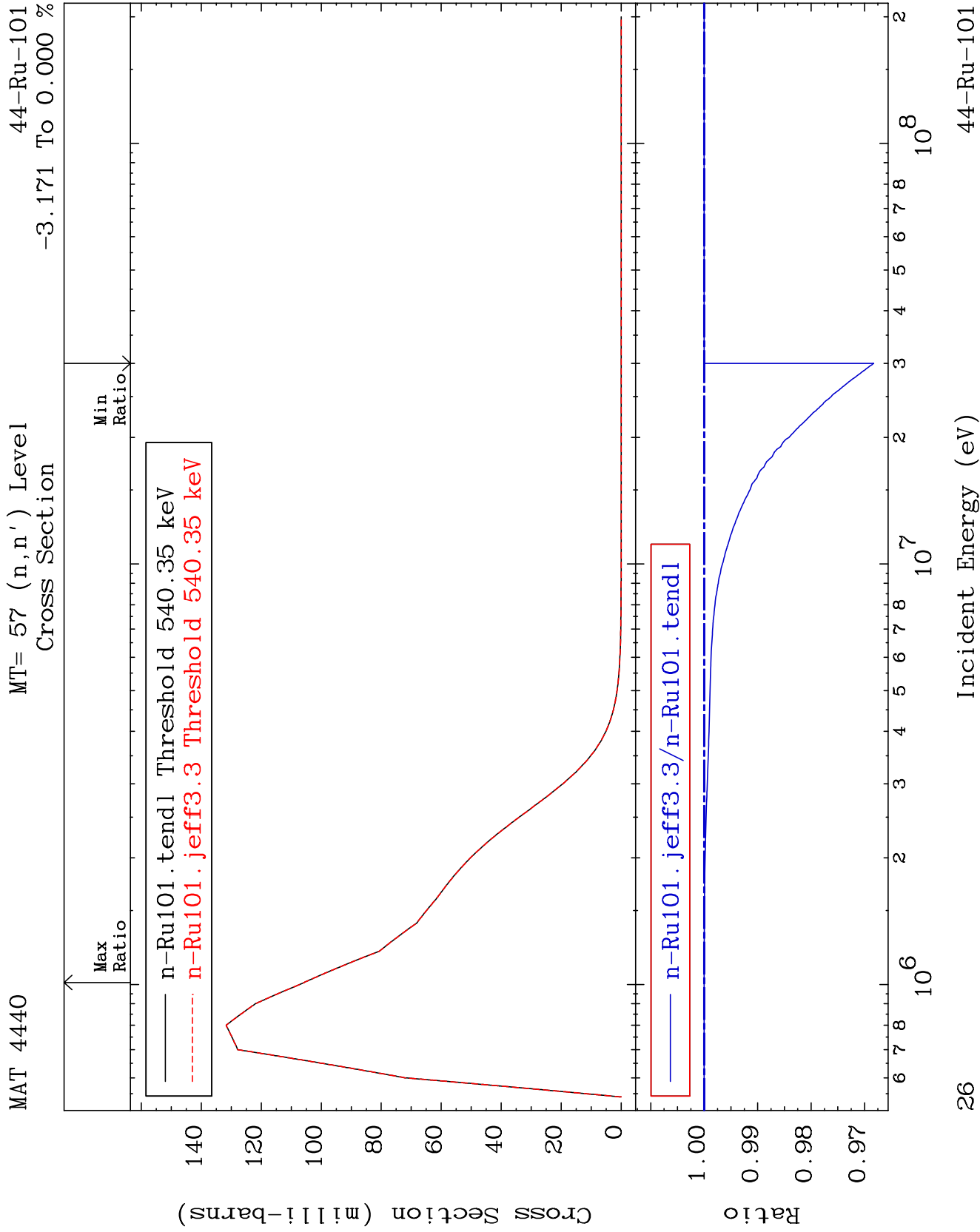


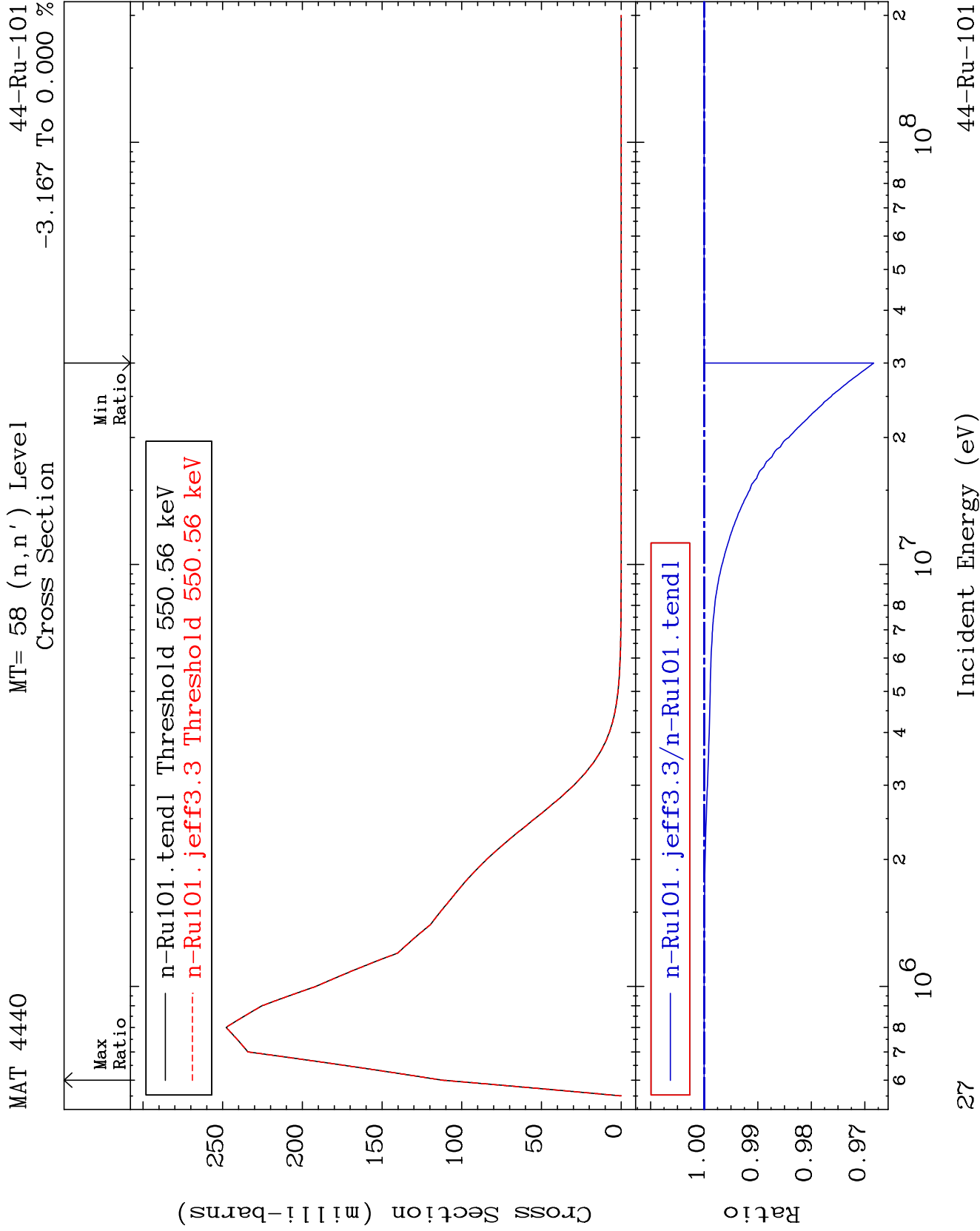


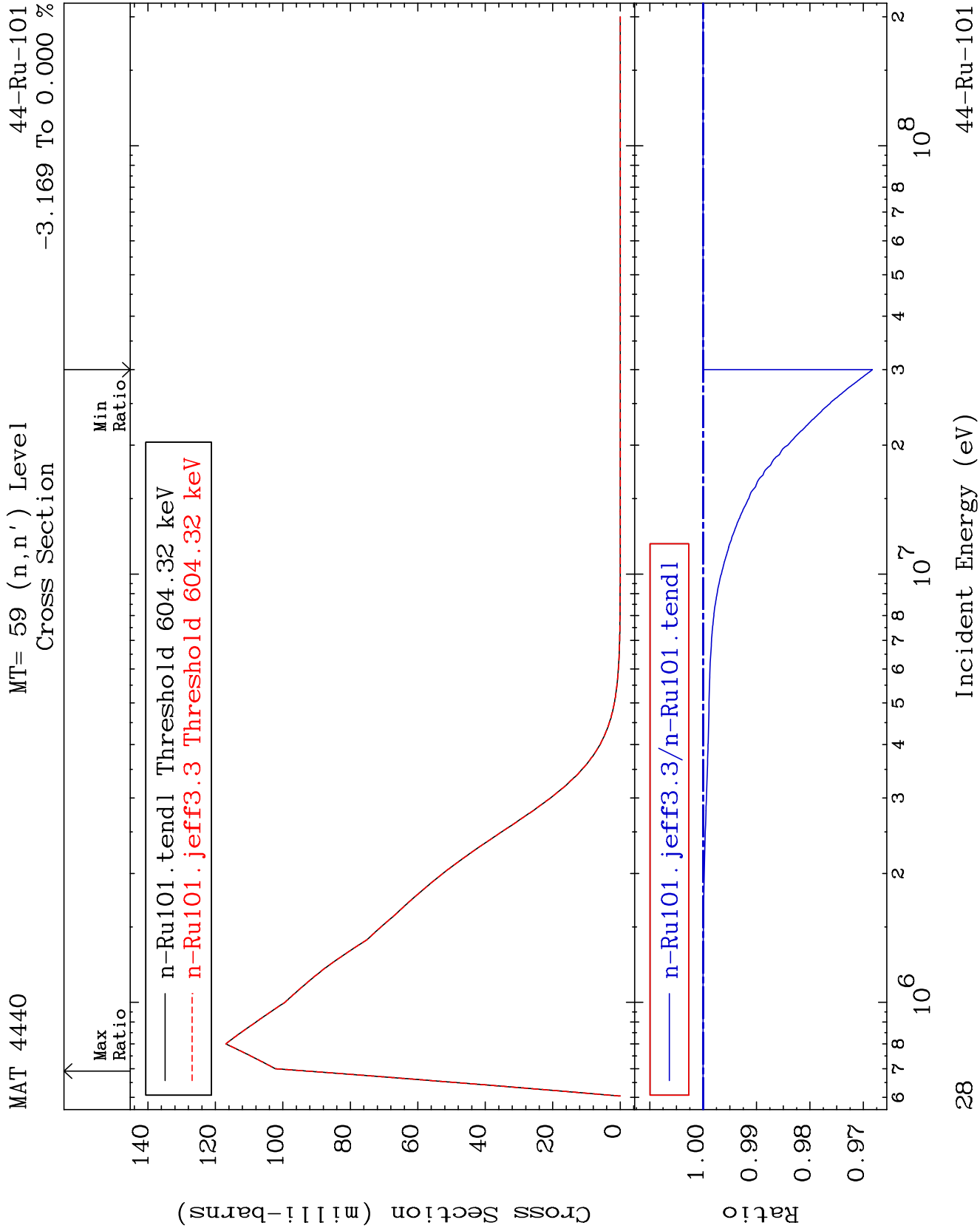


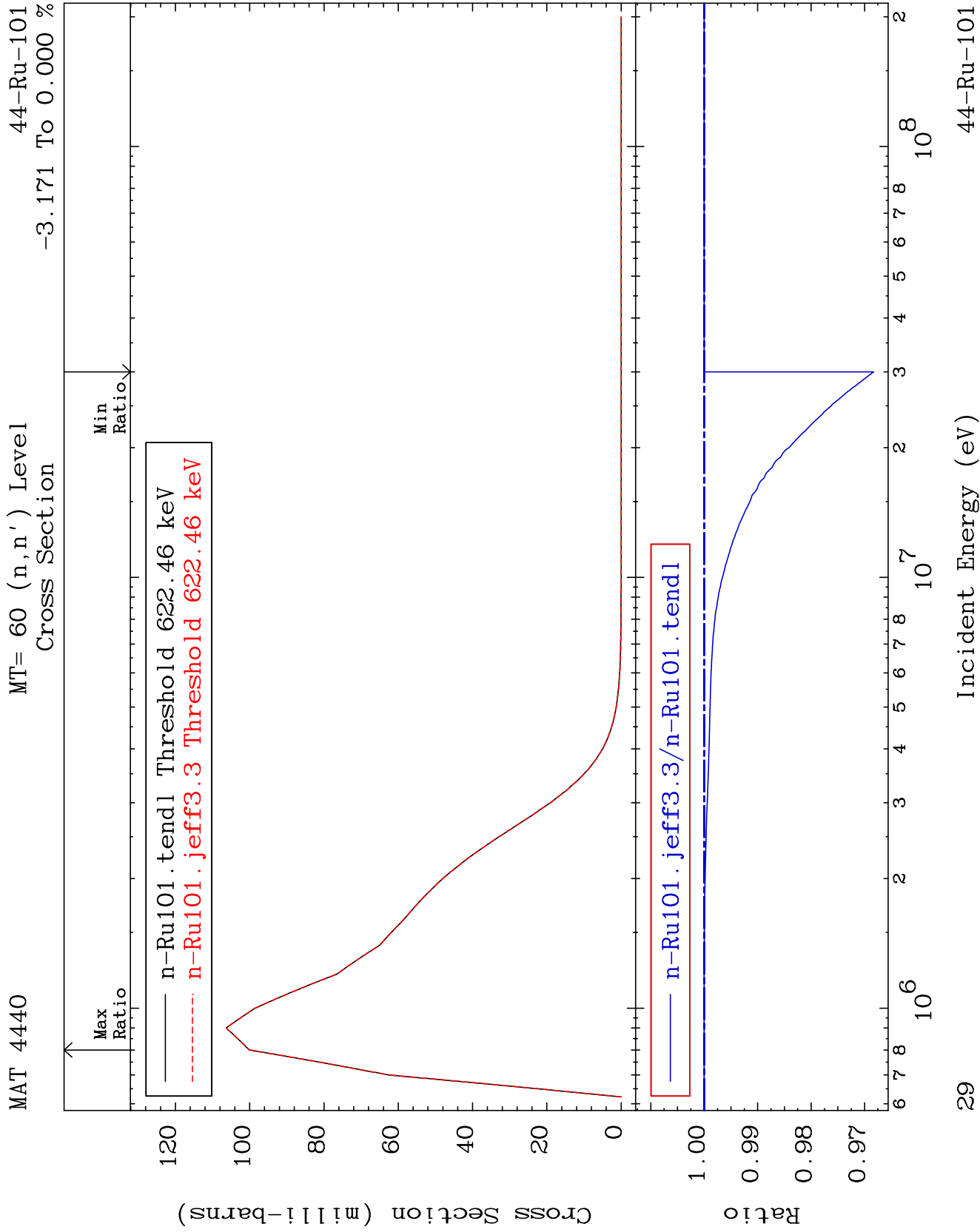


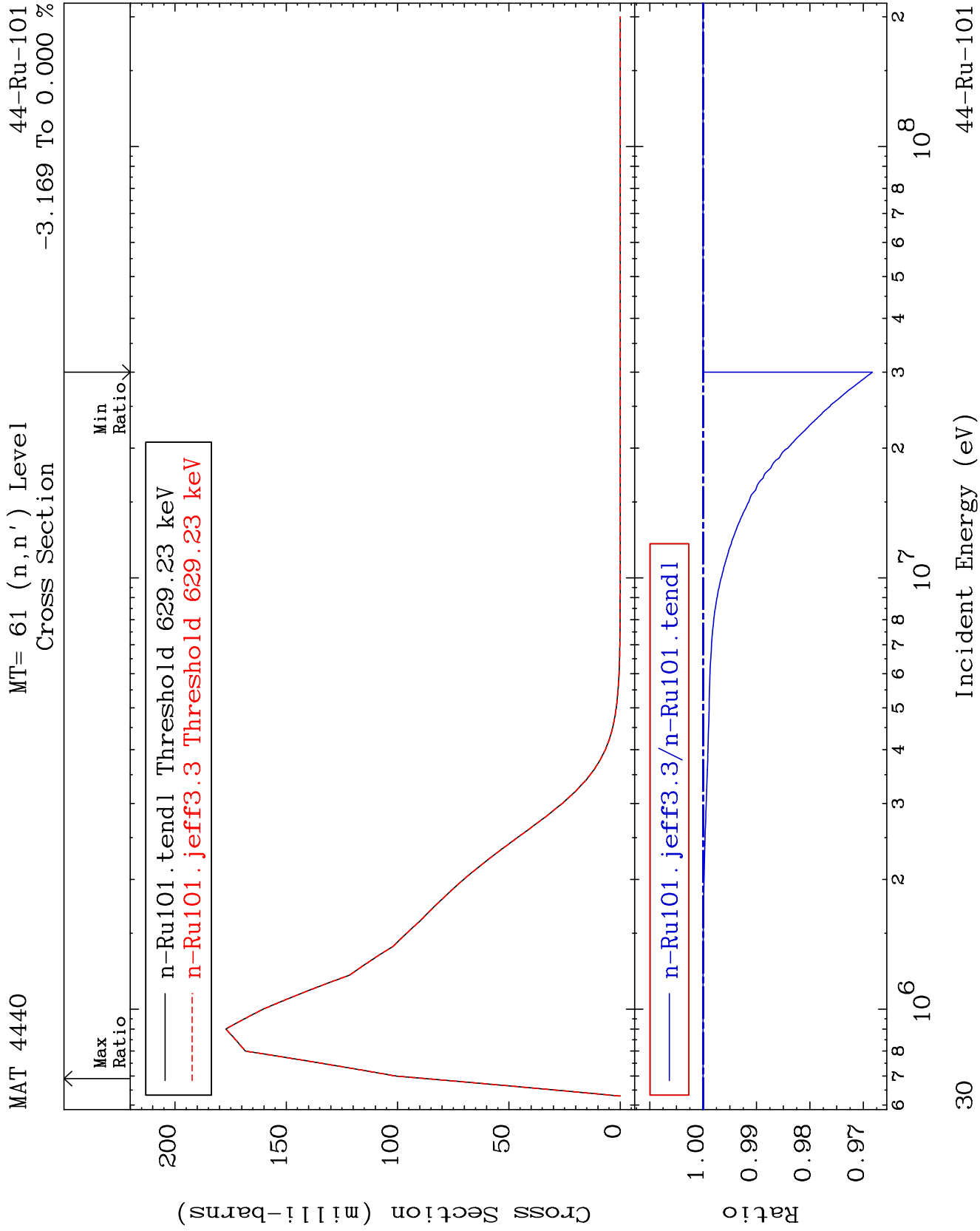












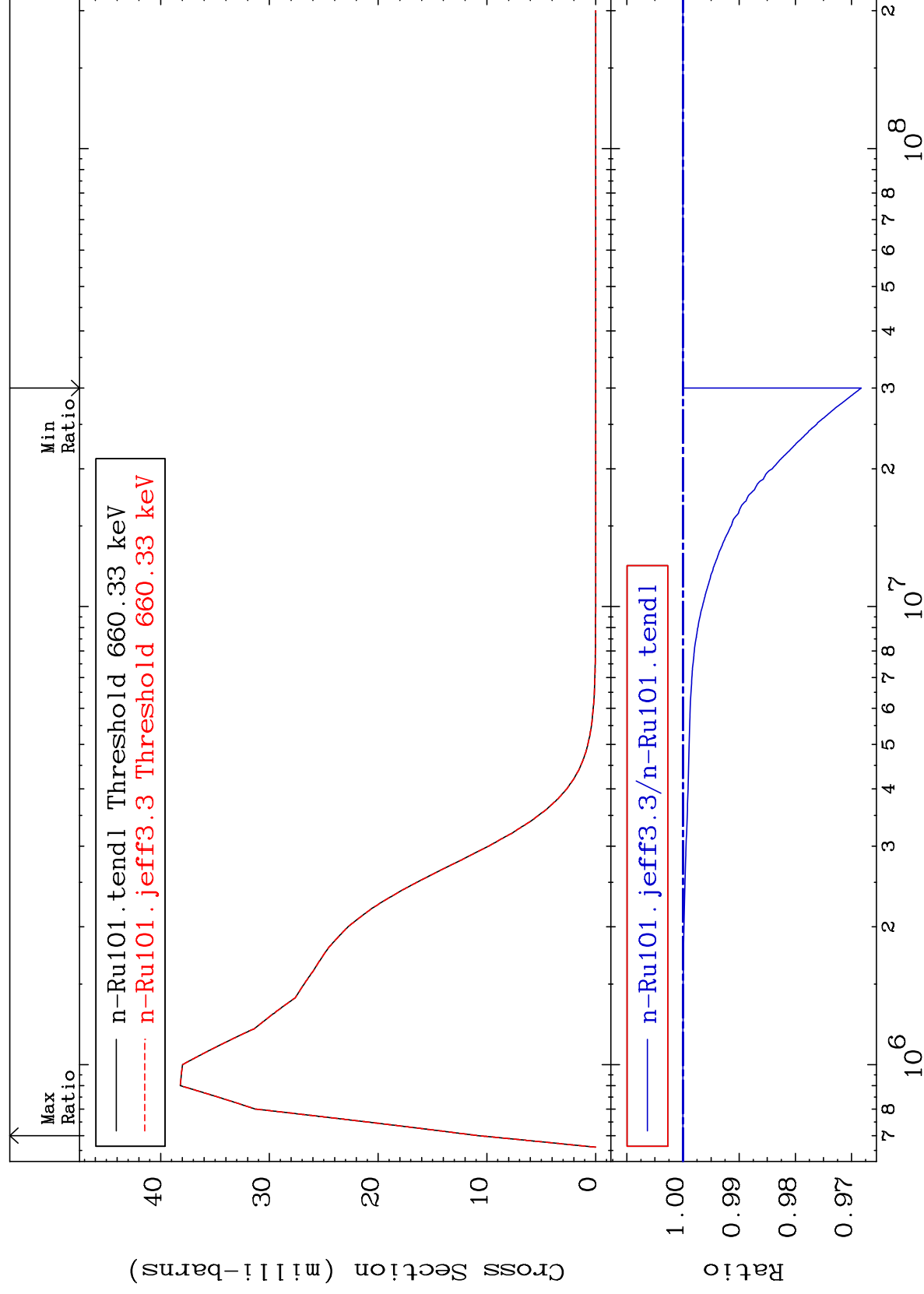
MAT 4440

MT= 62 (n, n') Level

44-Ru-101

-3.173 To 0.000 %

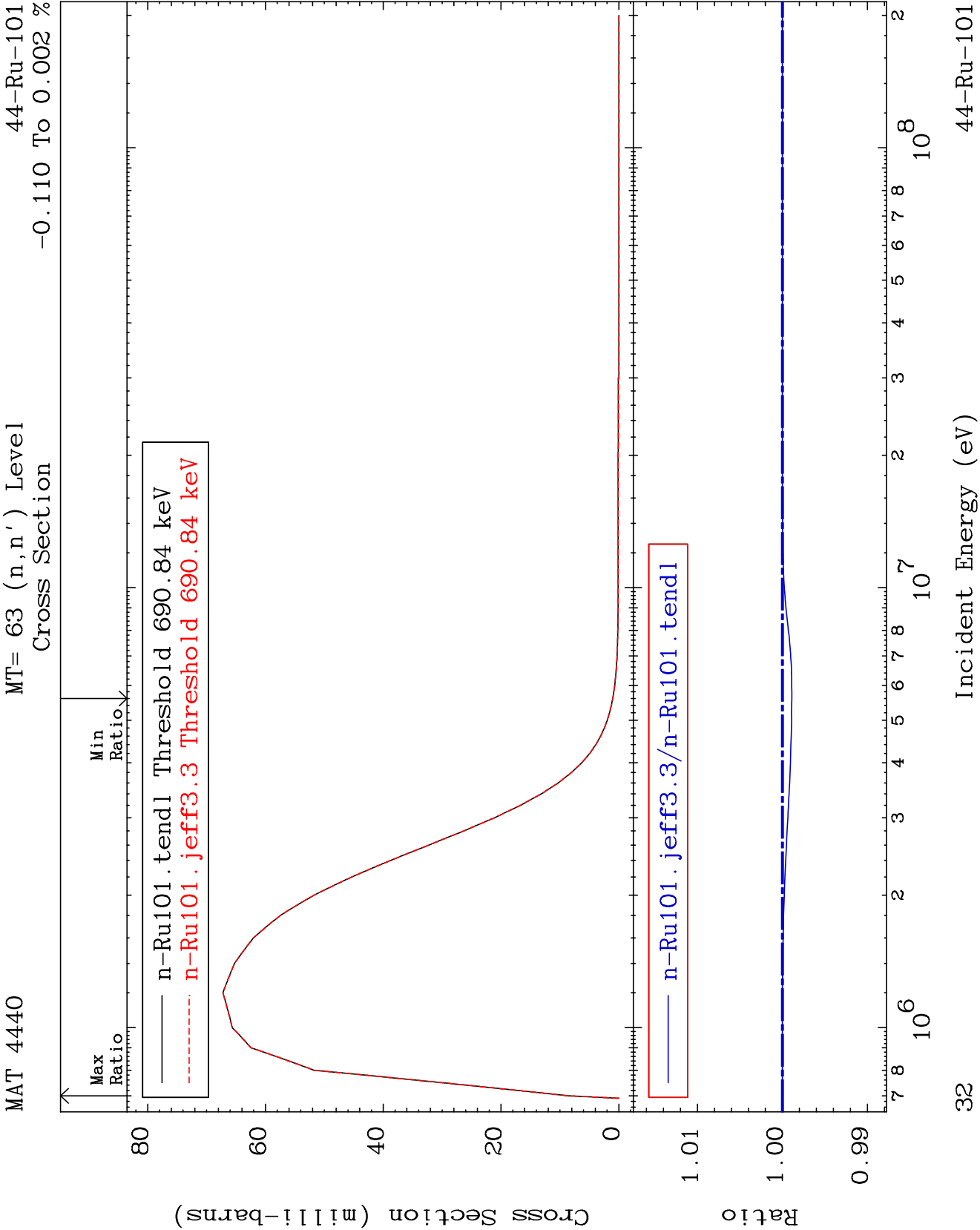
Cross Section

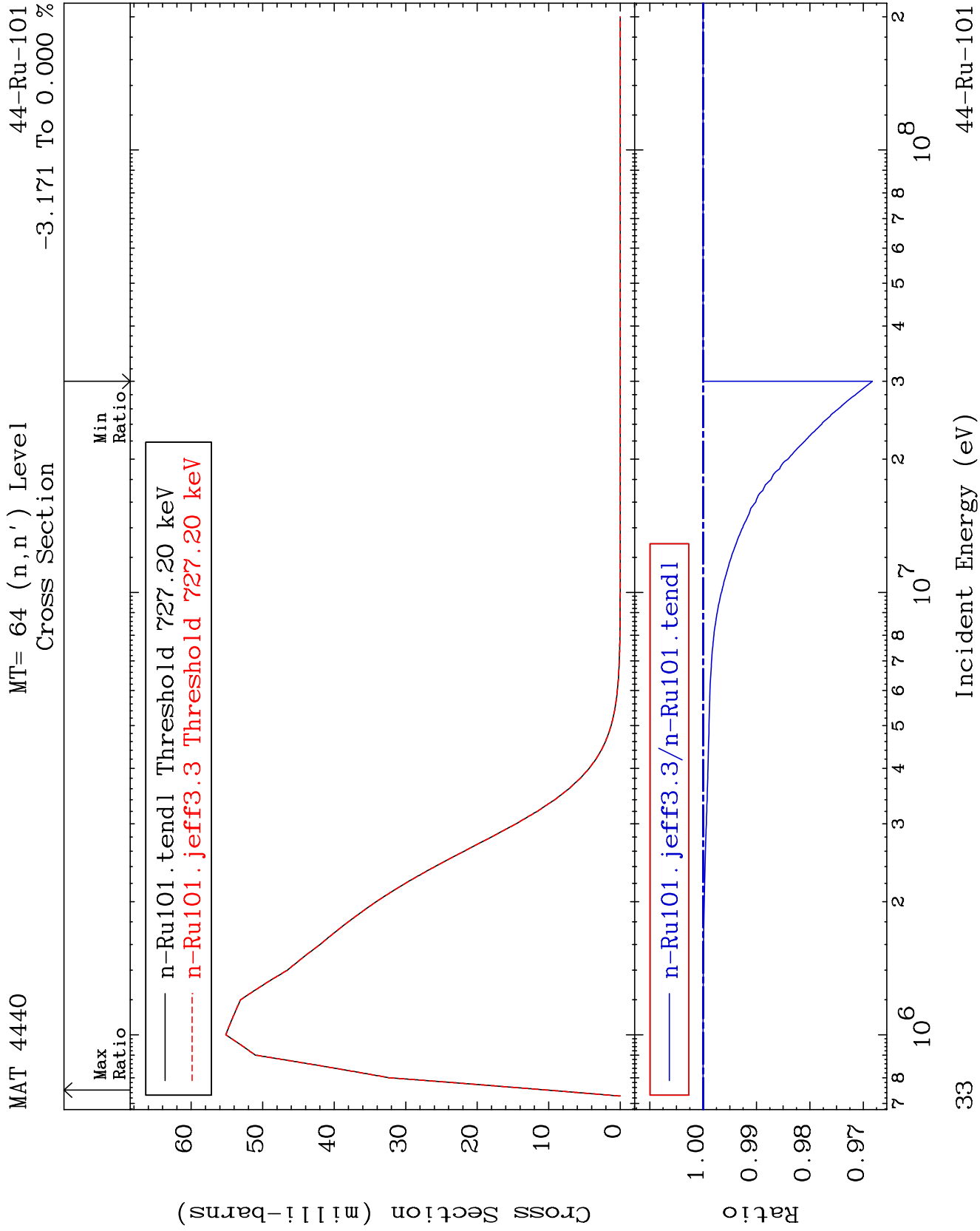


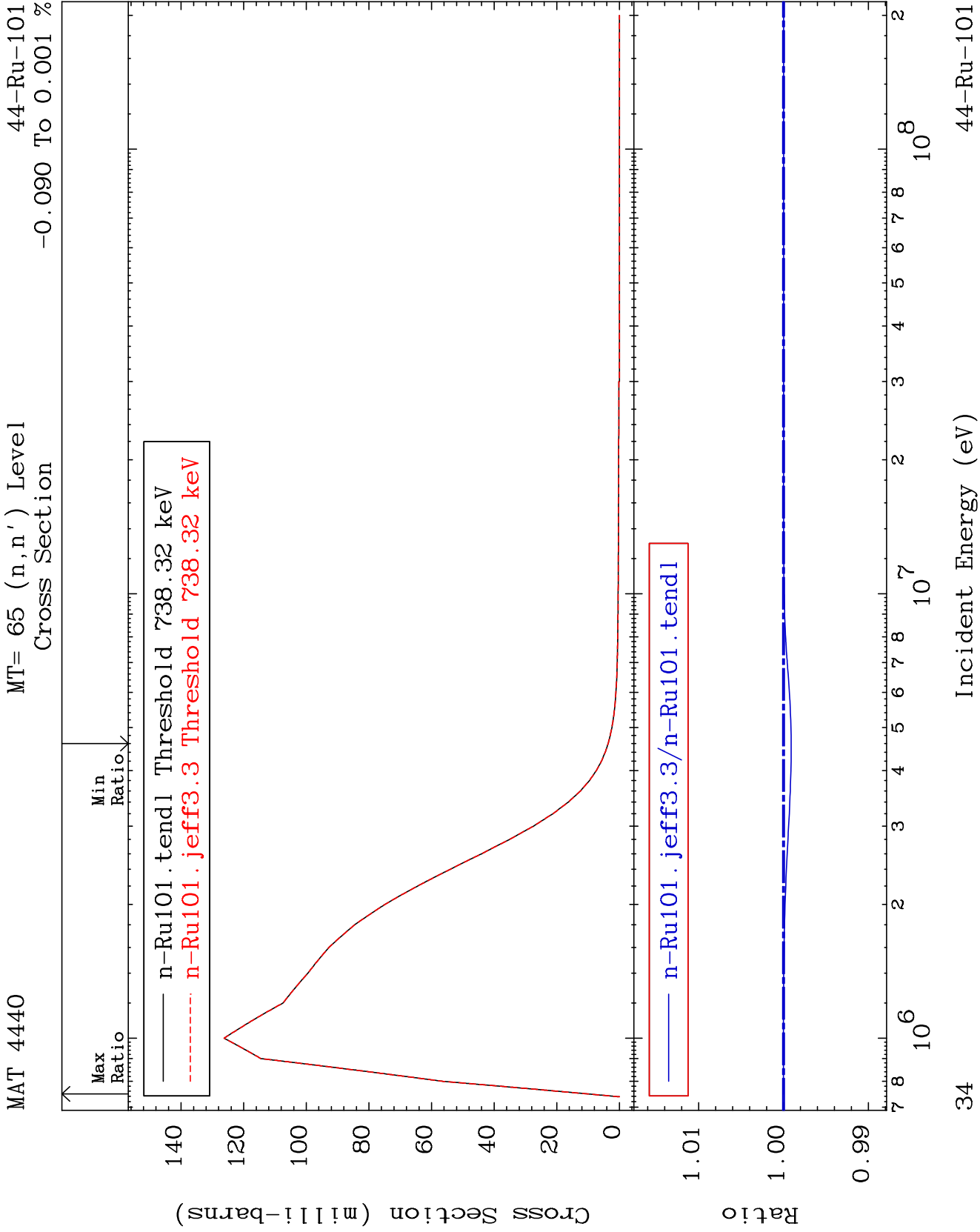
31

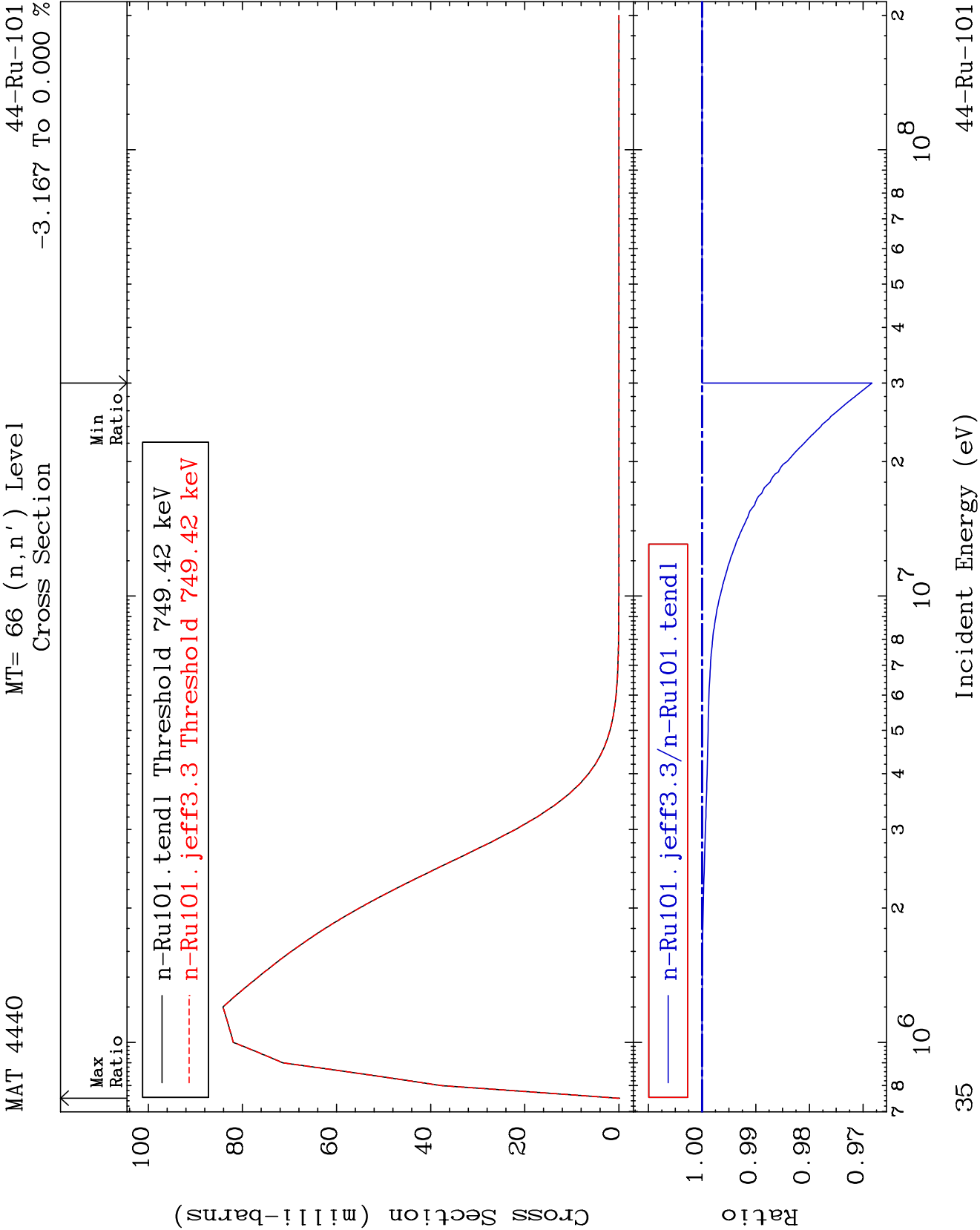
Incident Energy (eV)

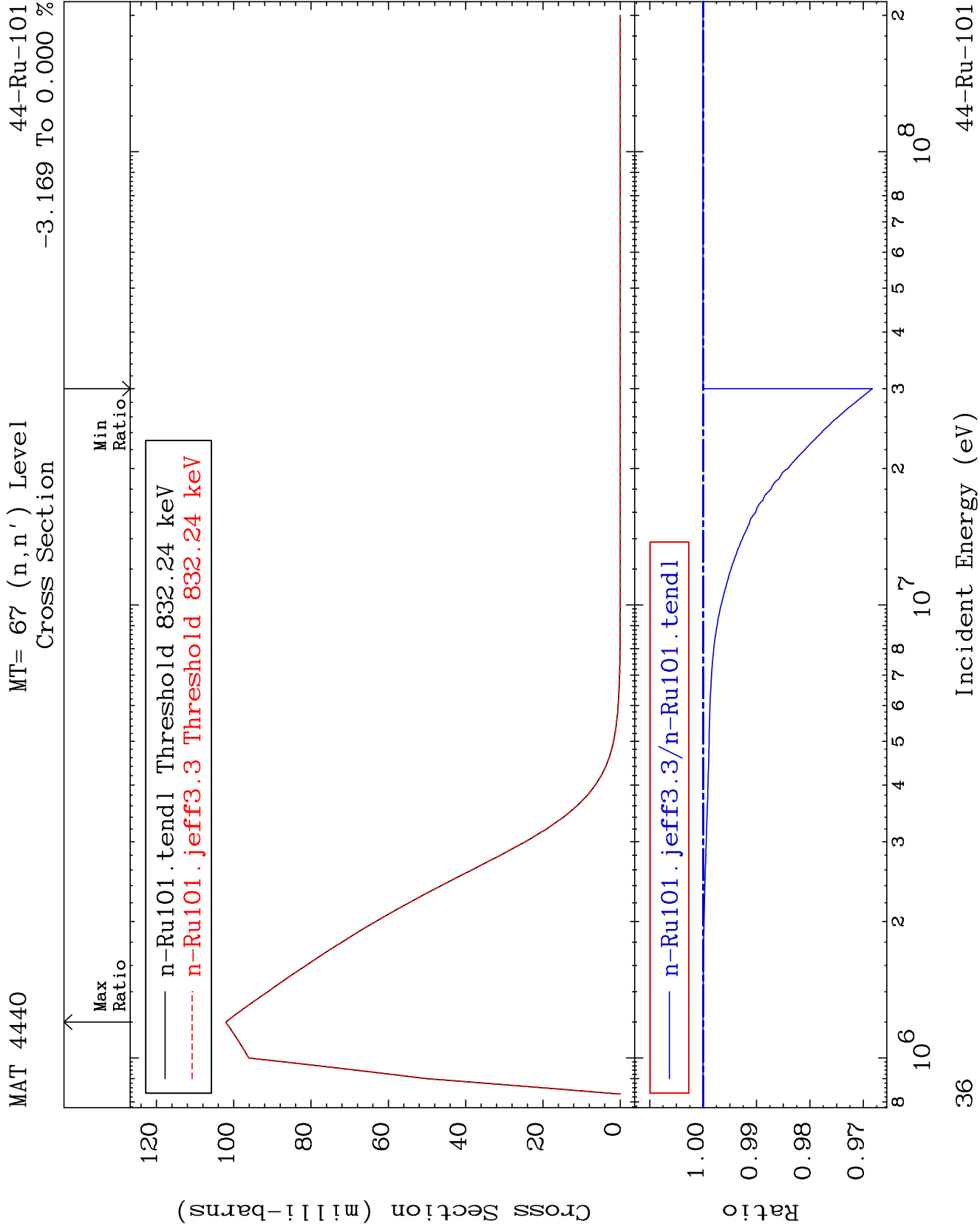
44-Ru-101











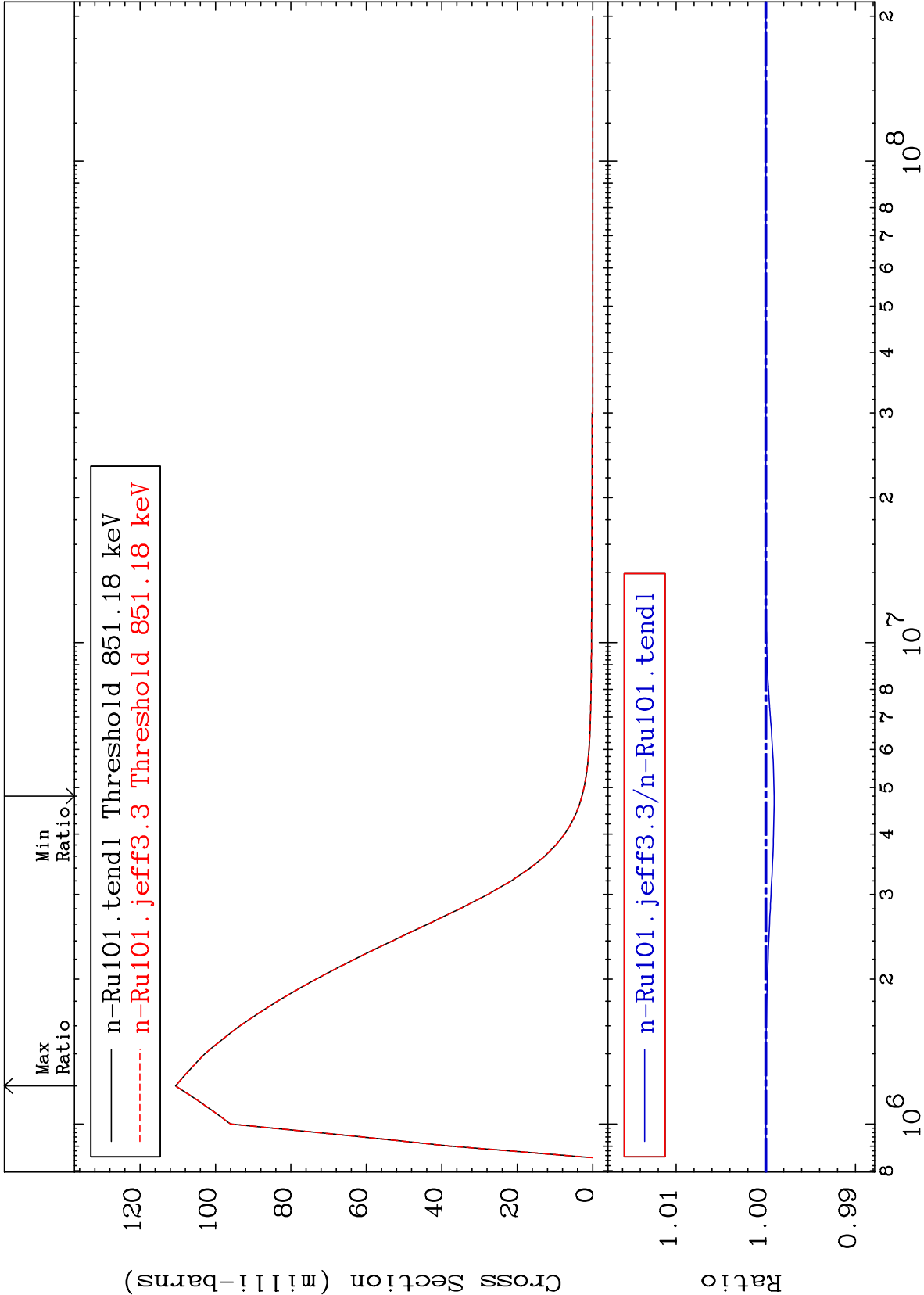
MAT 4440

MT= 68 (n,n') Level

44-Ru-101

-0.093 To 0.000 %

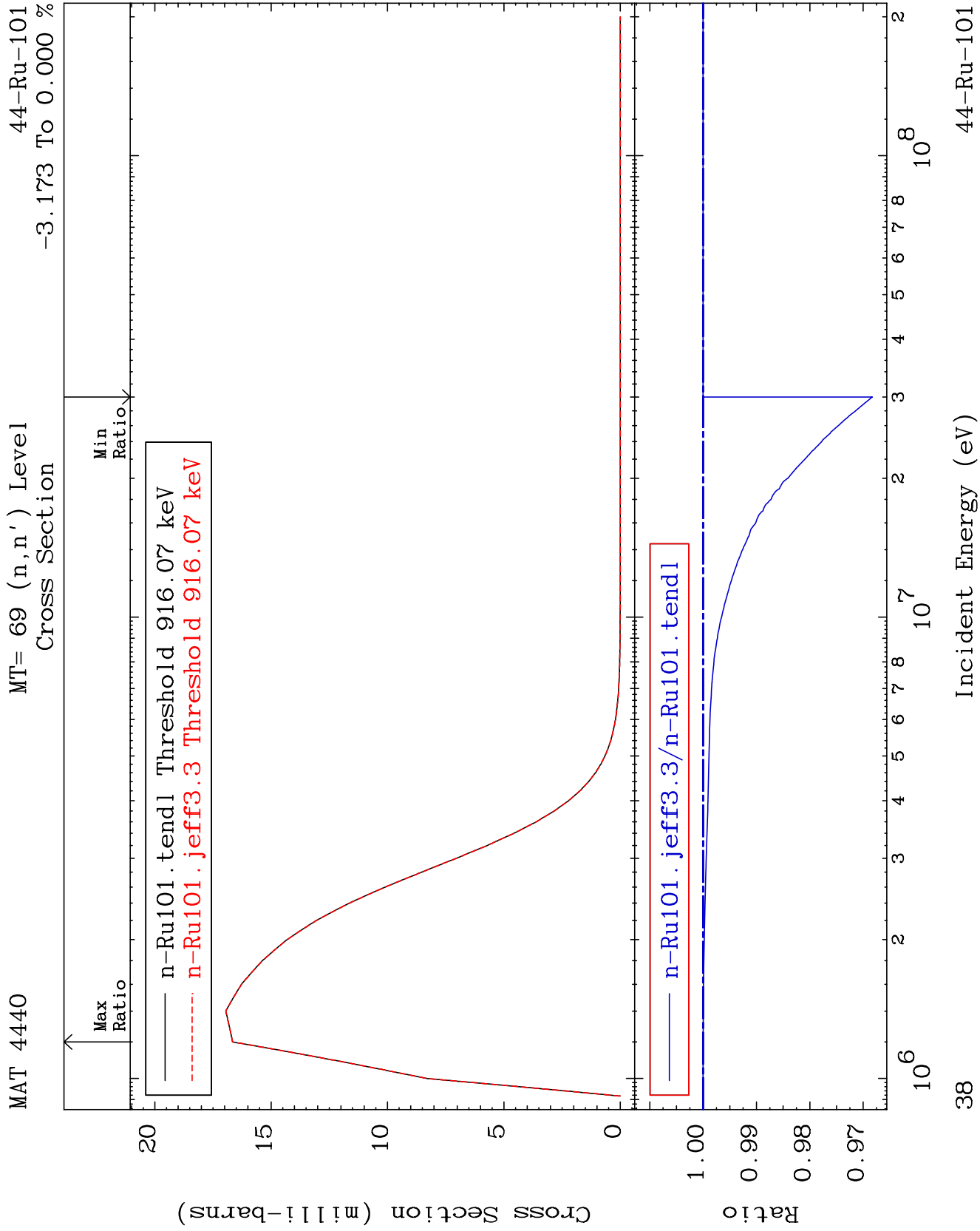
Cross Section

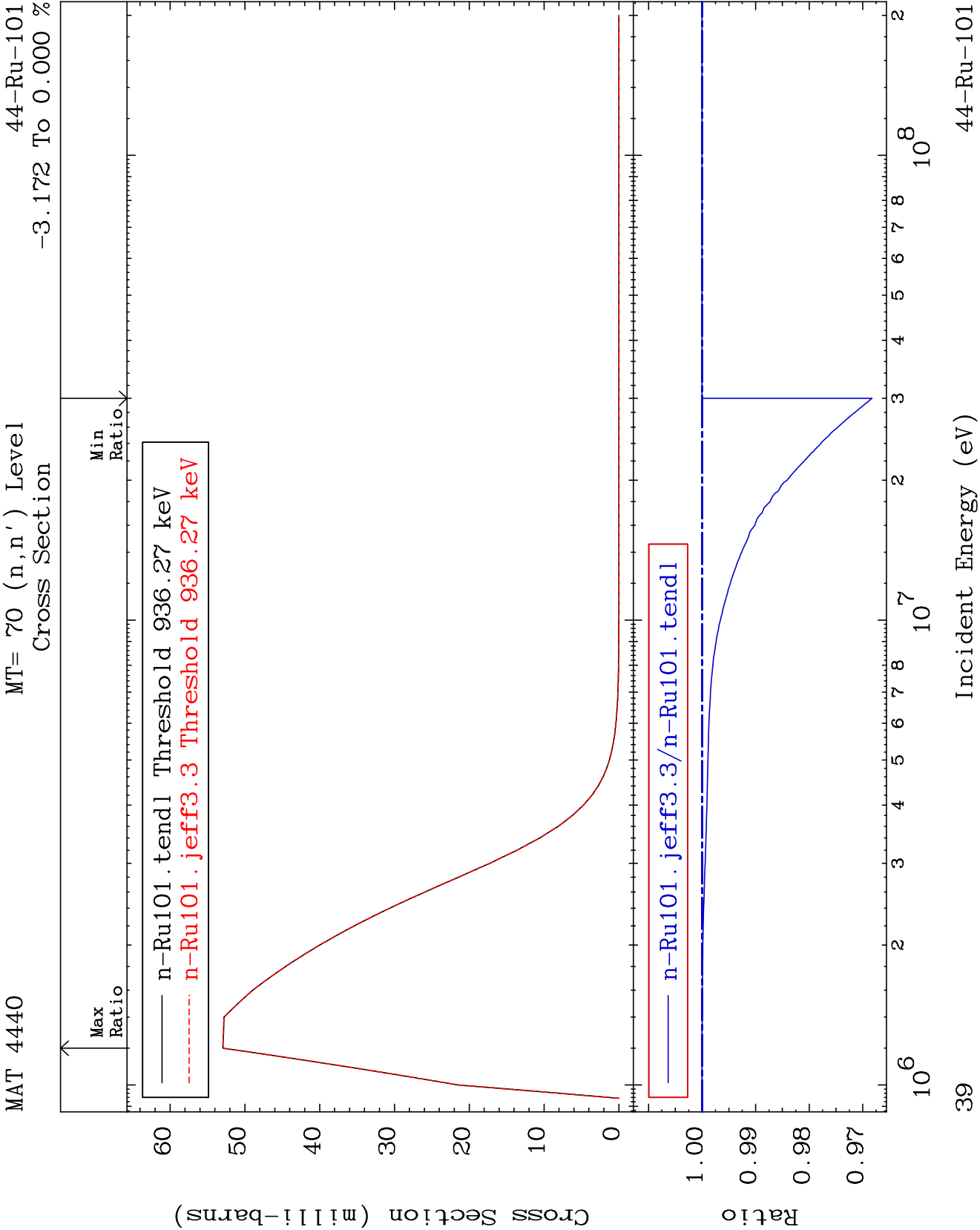


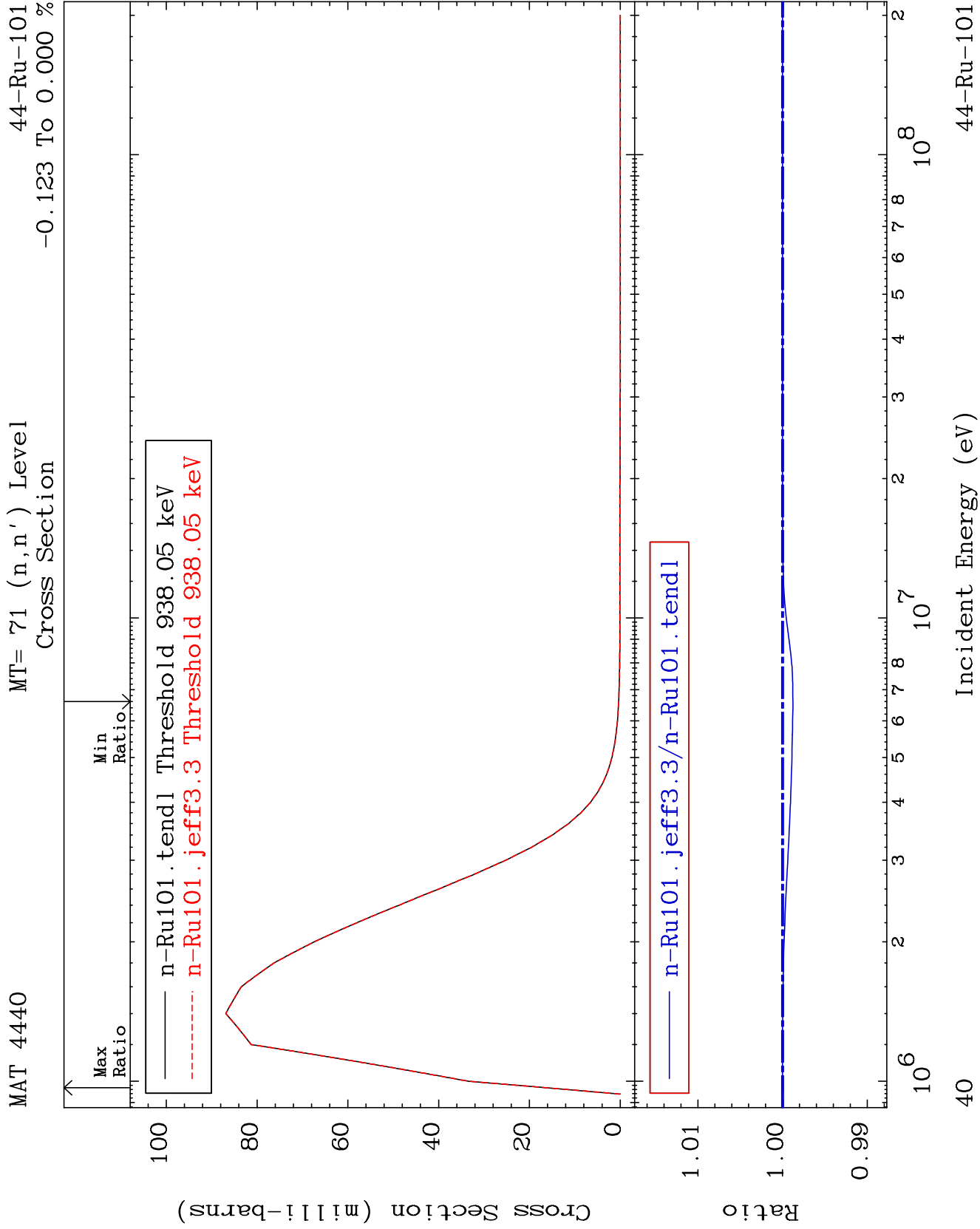
37

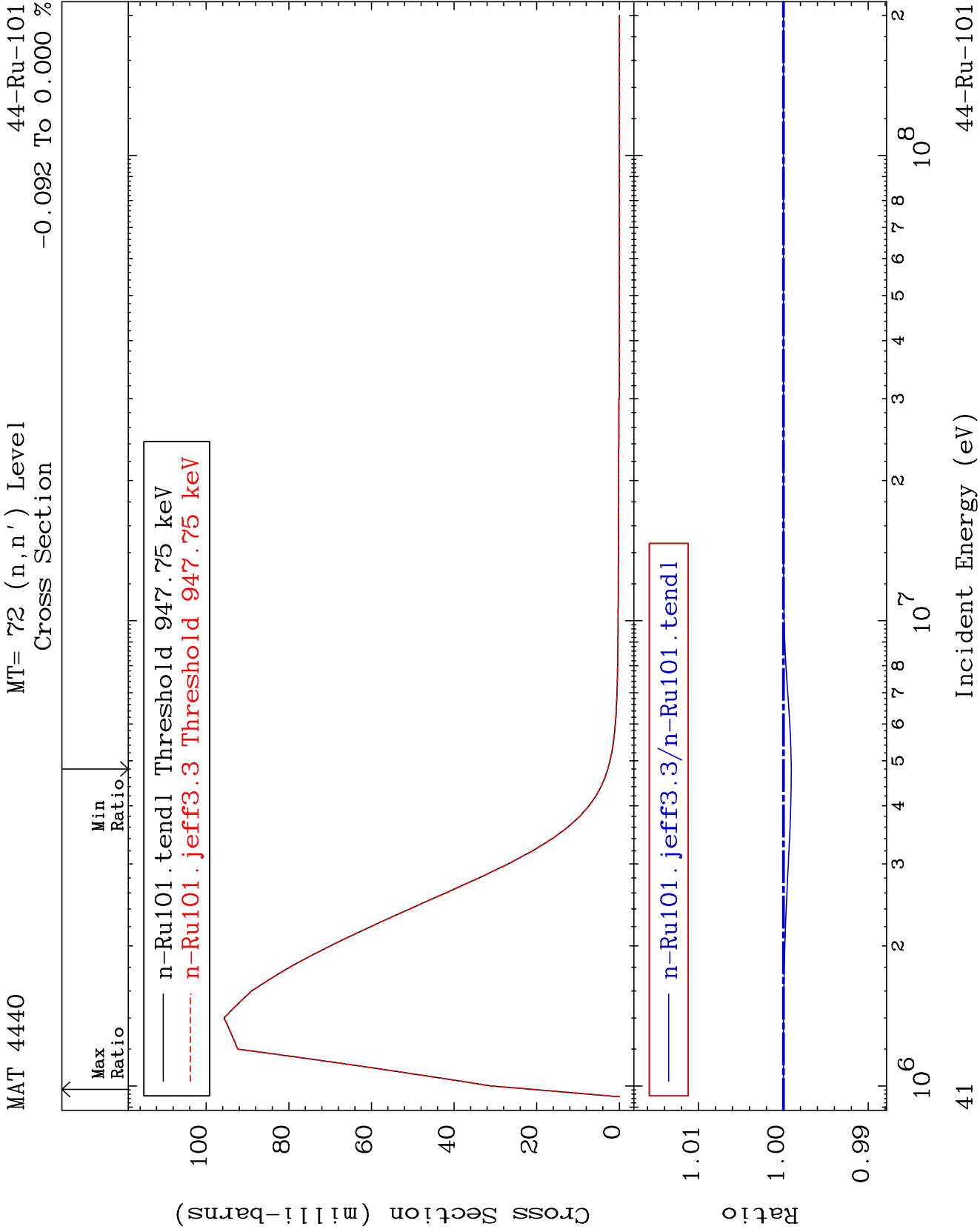
Incident Energy (eV)

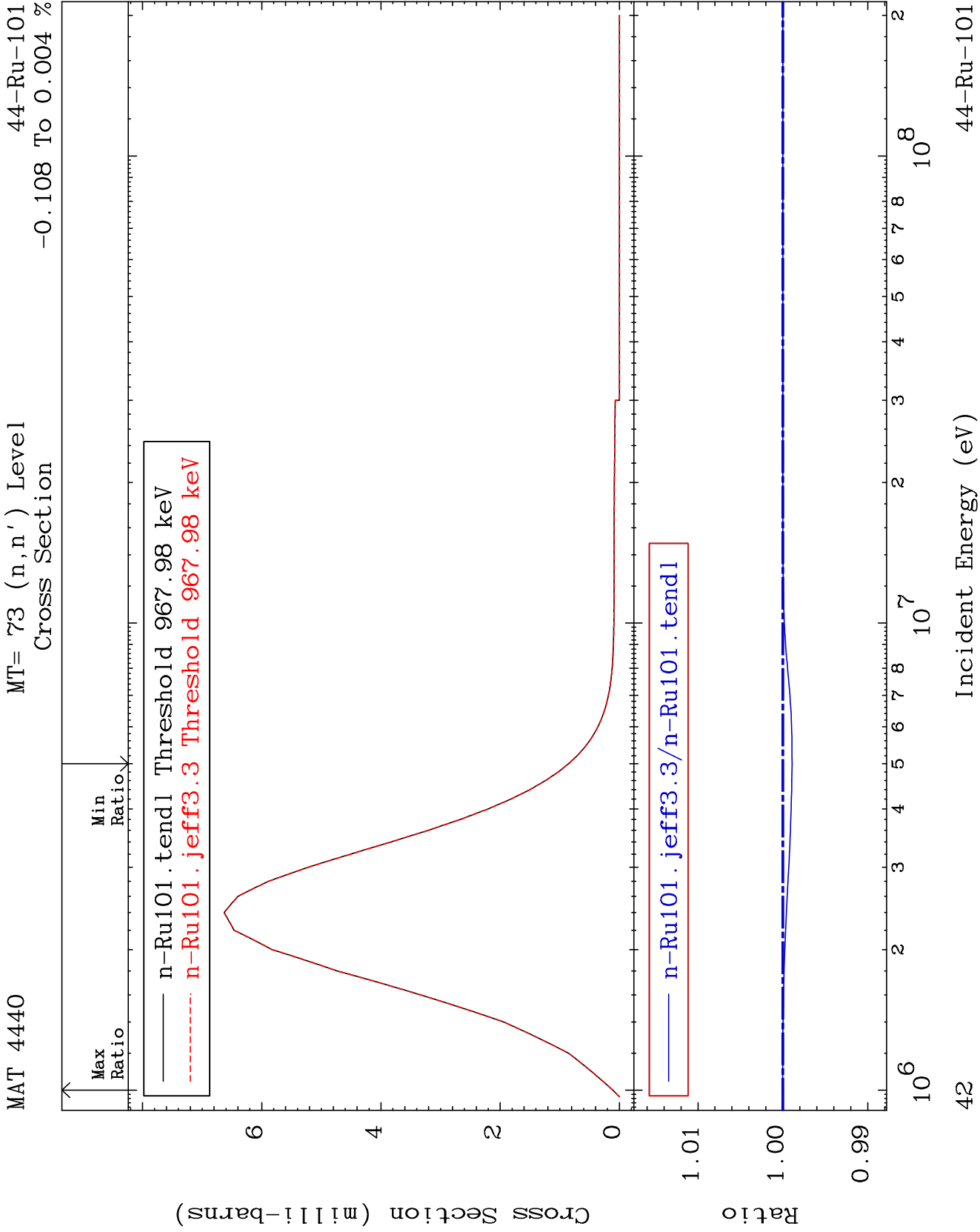
44-Ru-101

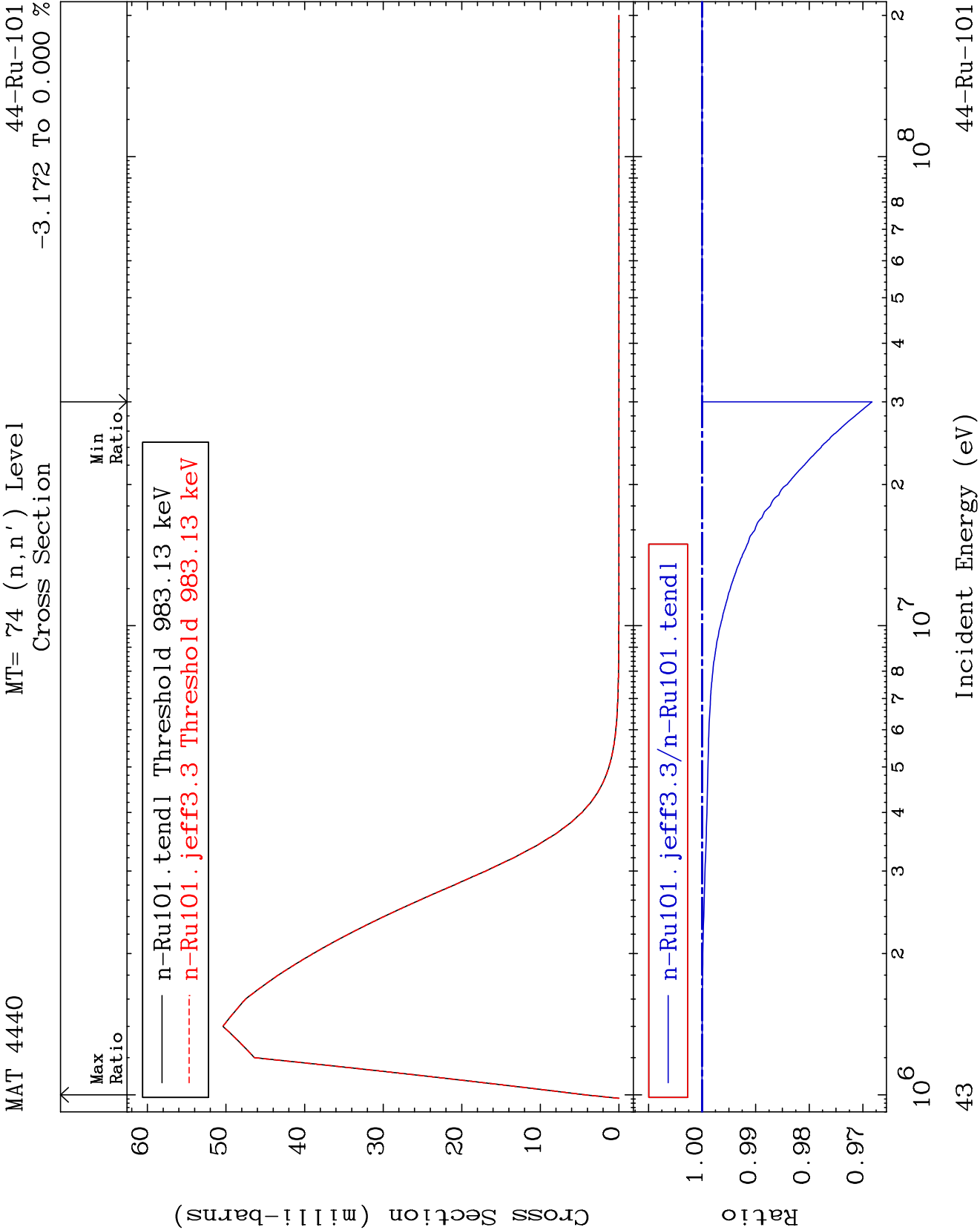


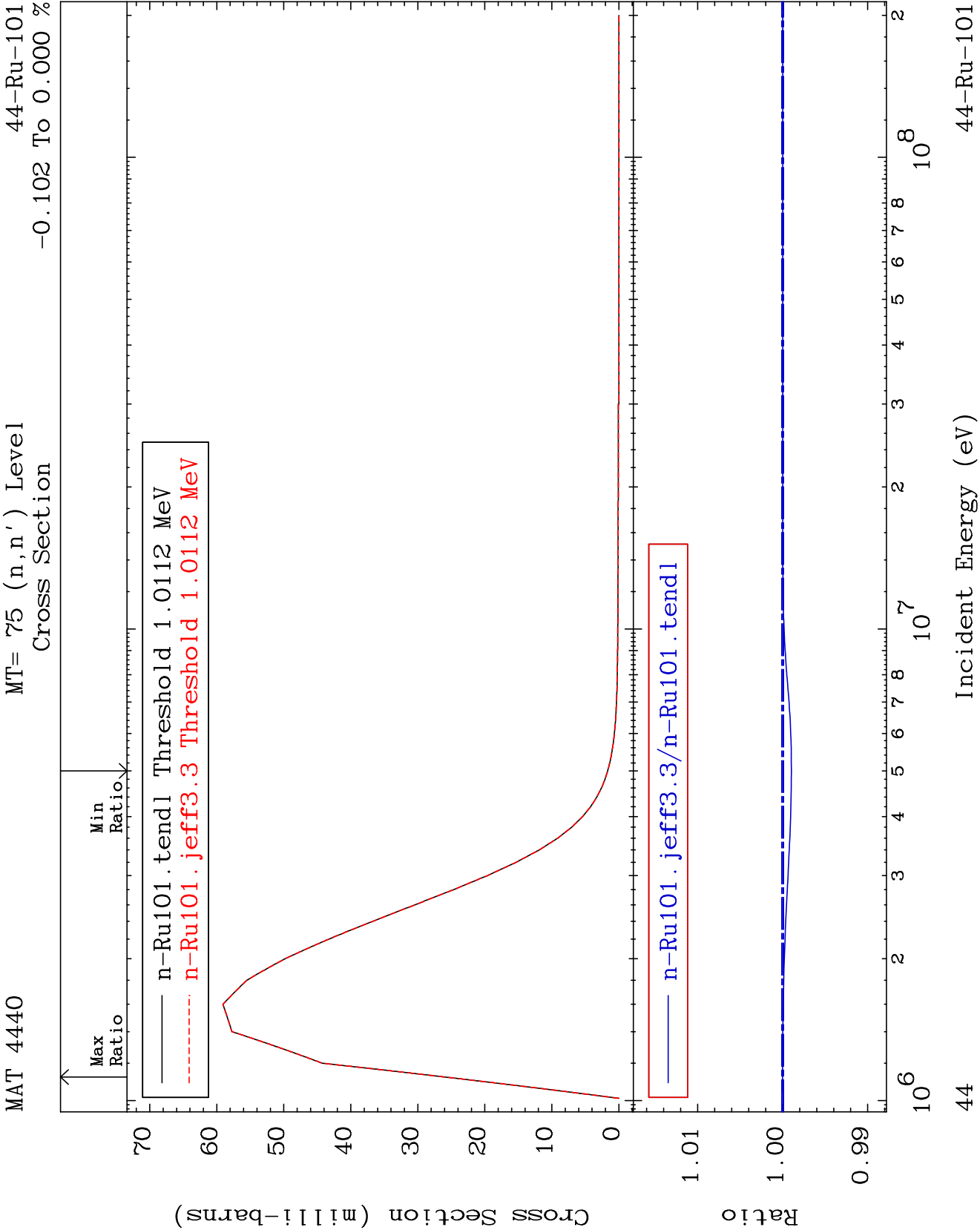


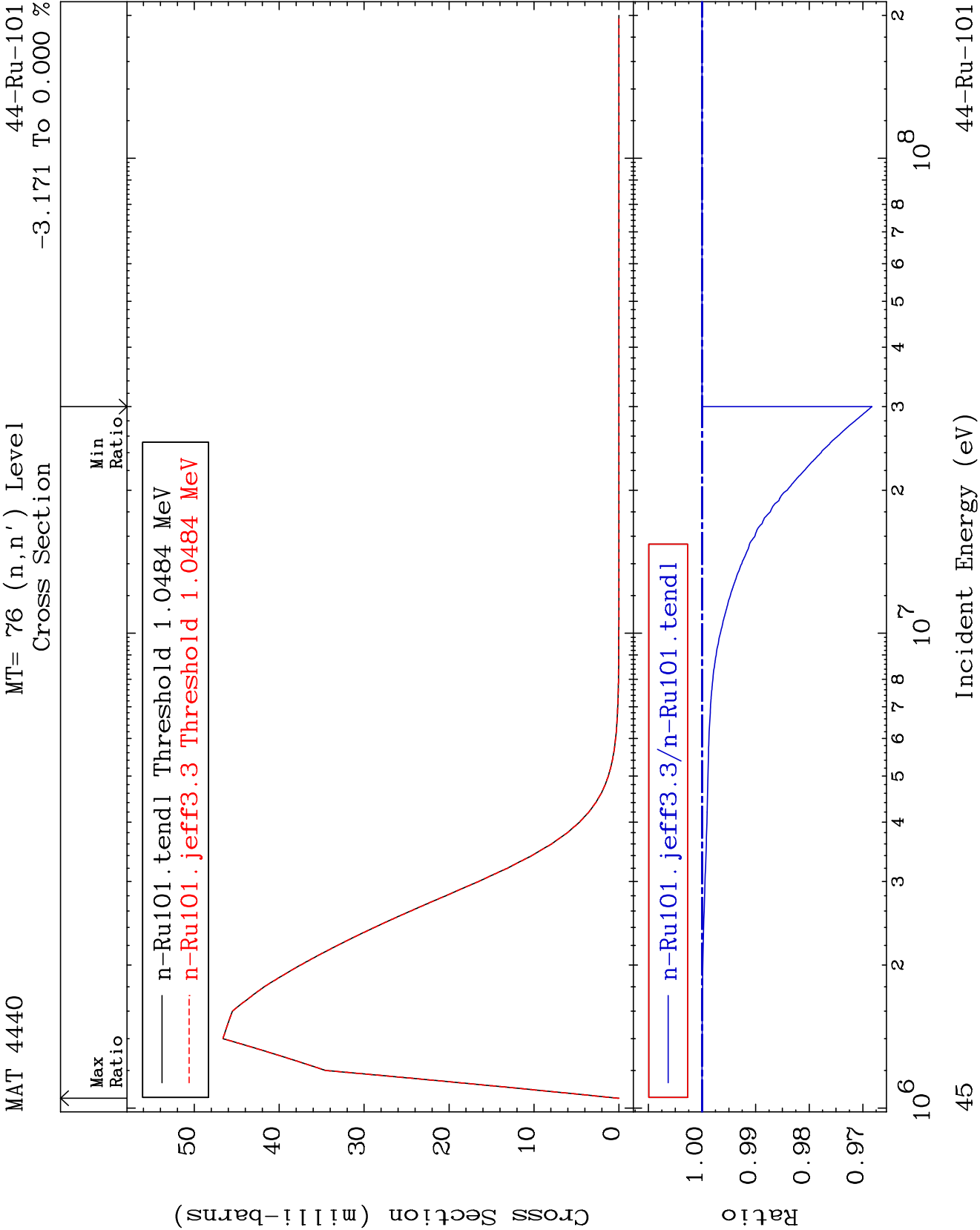


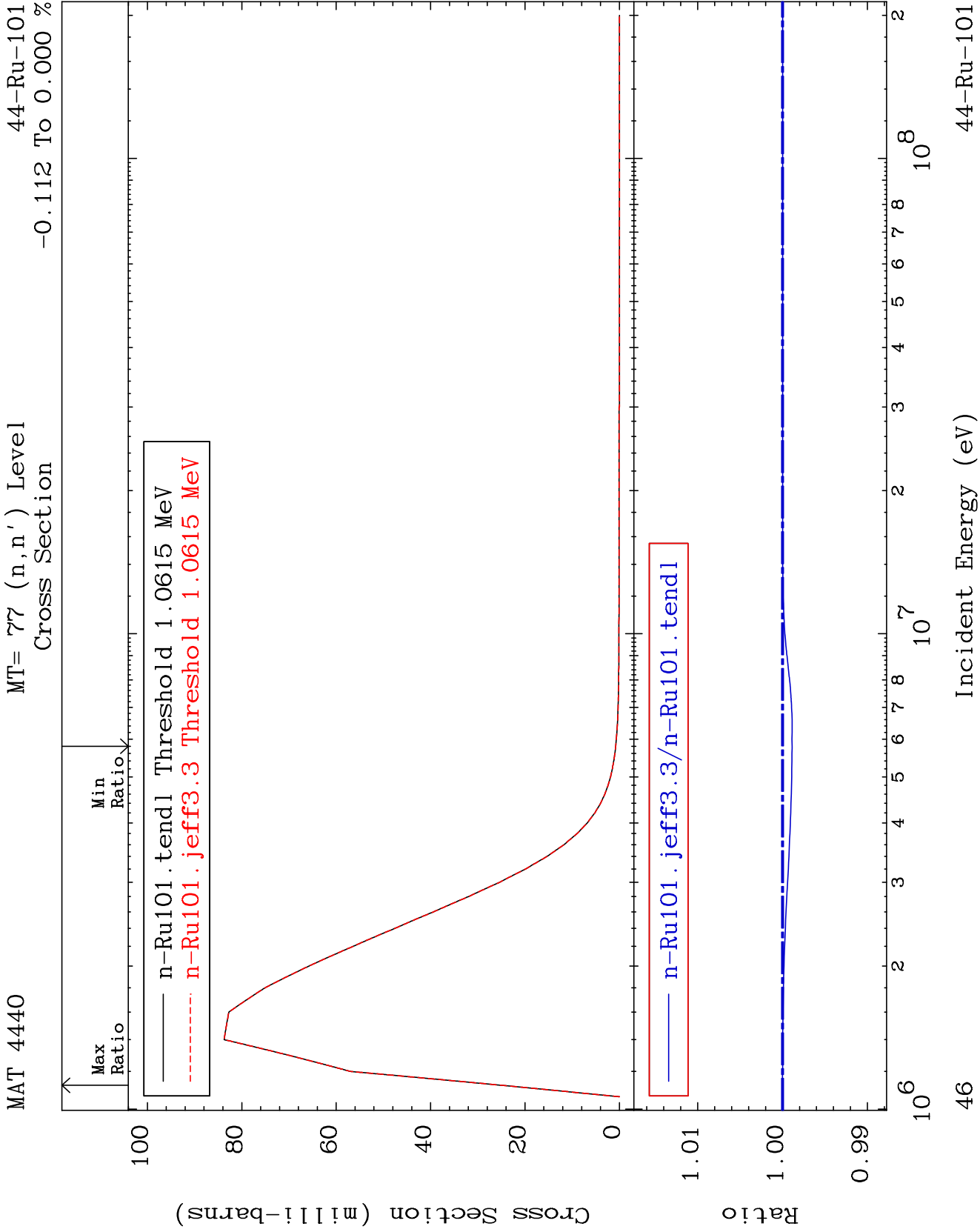


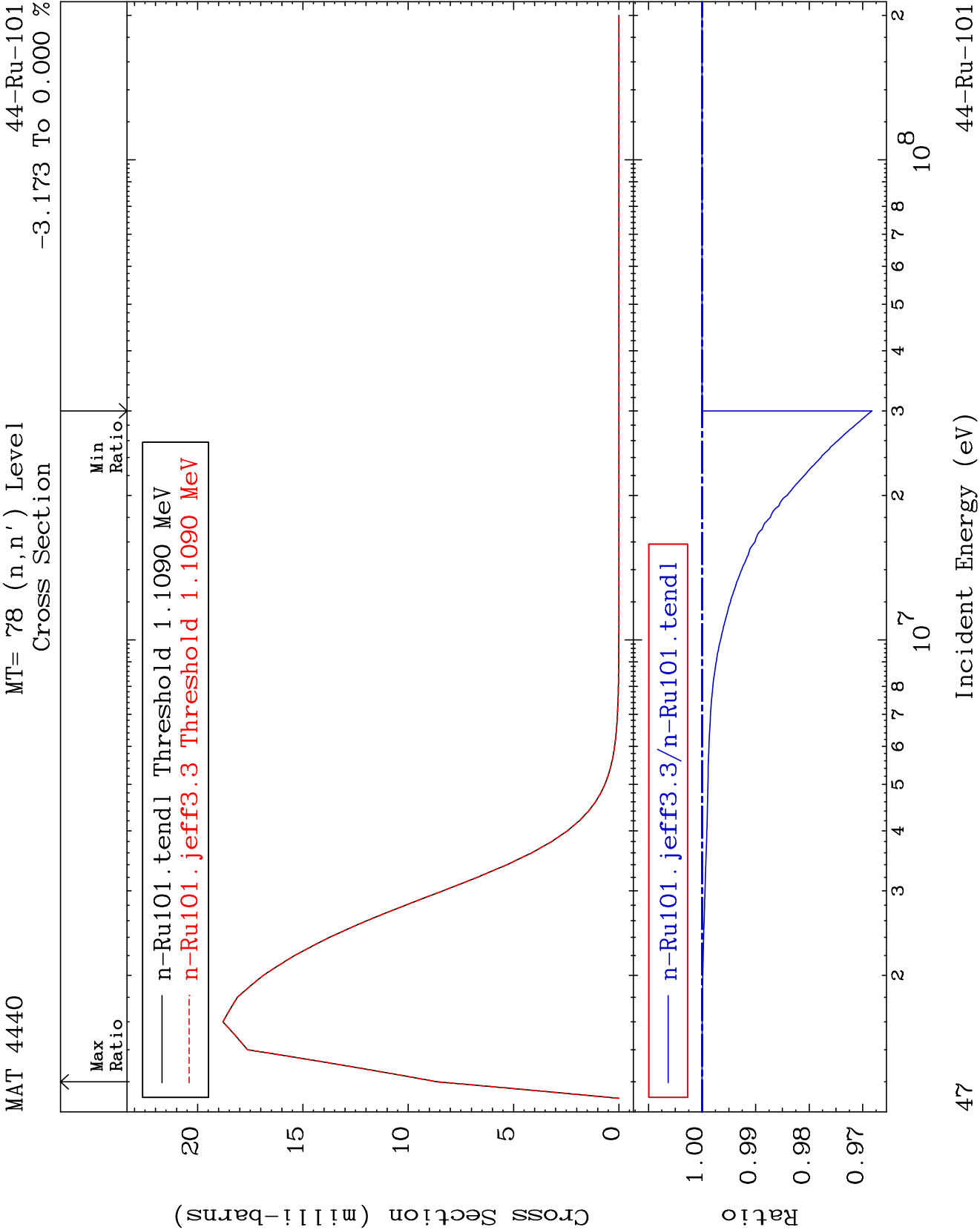












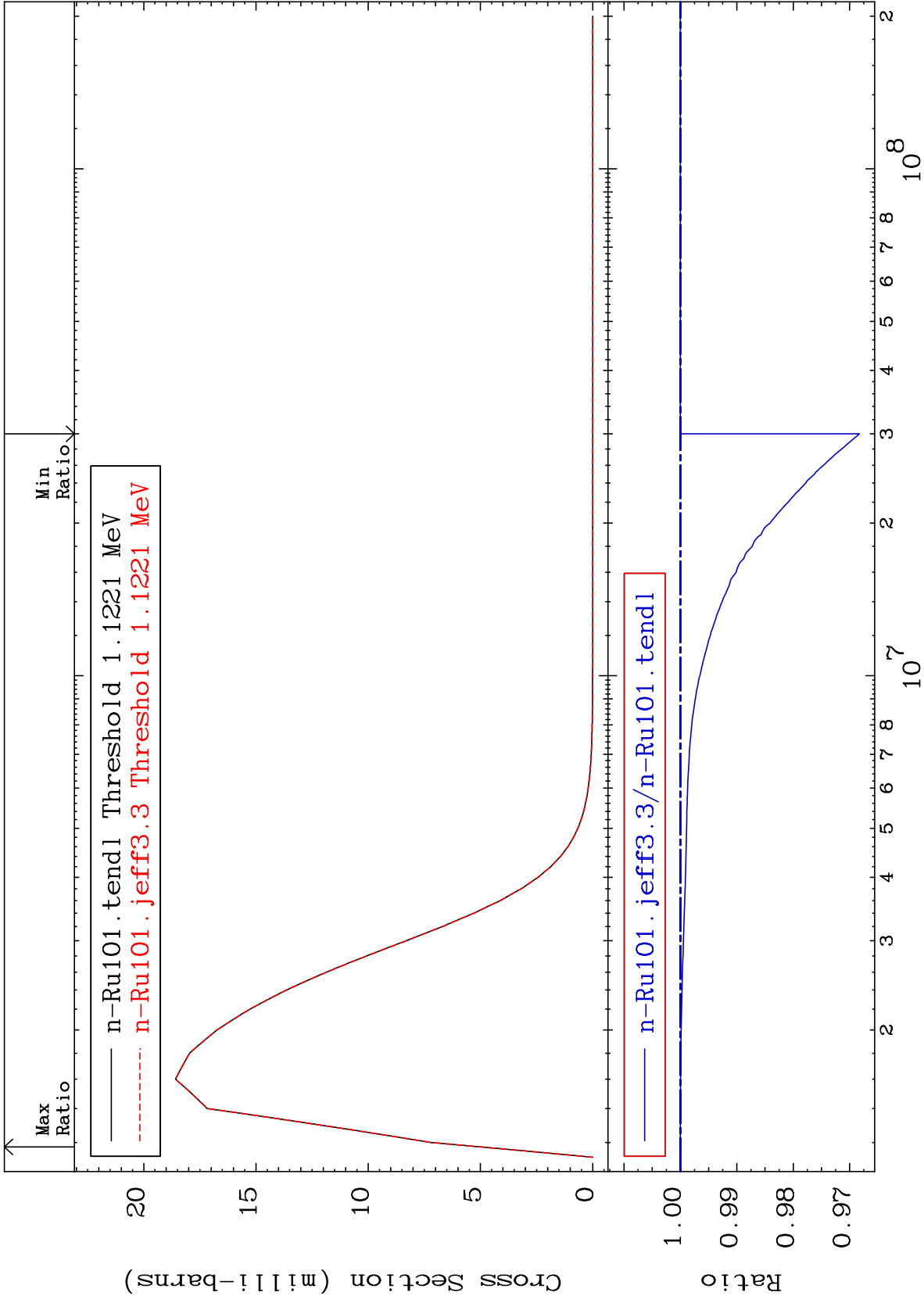
MAT 4440

MT= 79 (n,n') Level

44-Ru-101

Cross Section

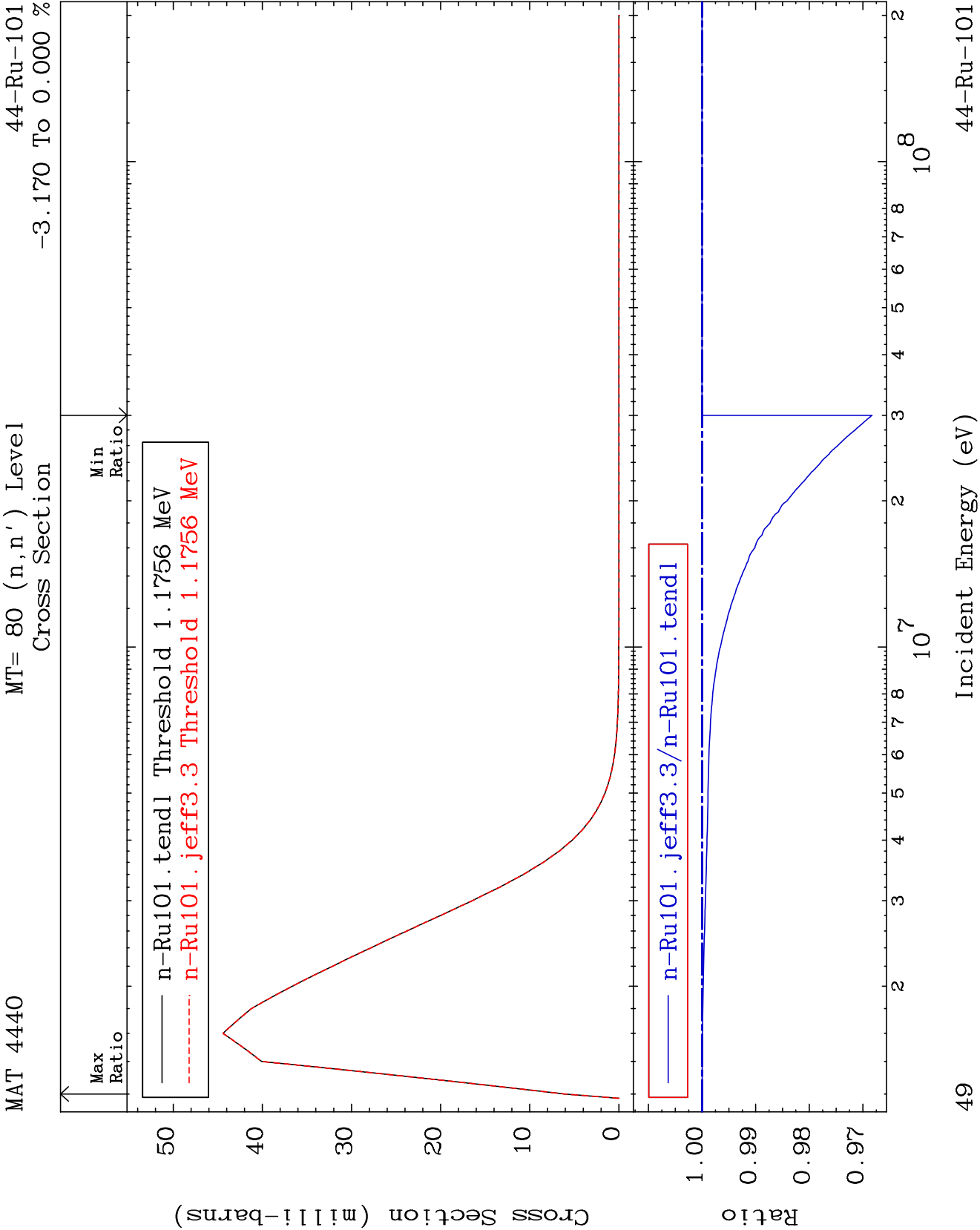
-3.173 To 0.000 %

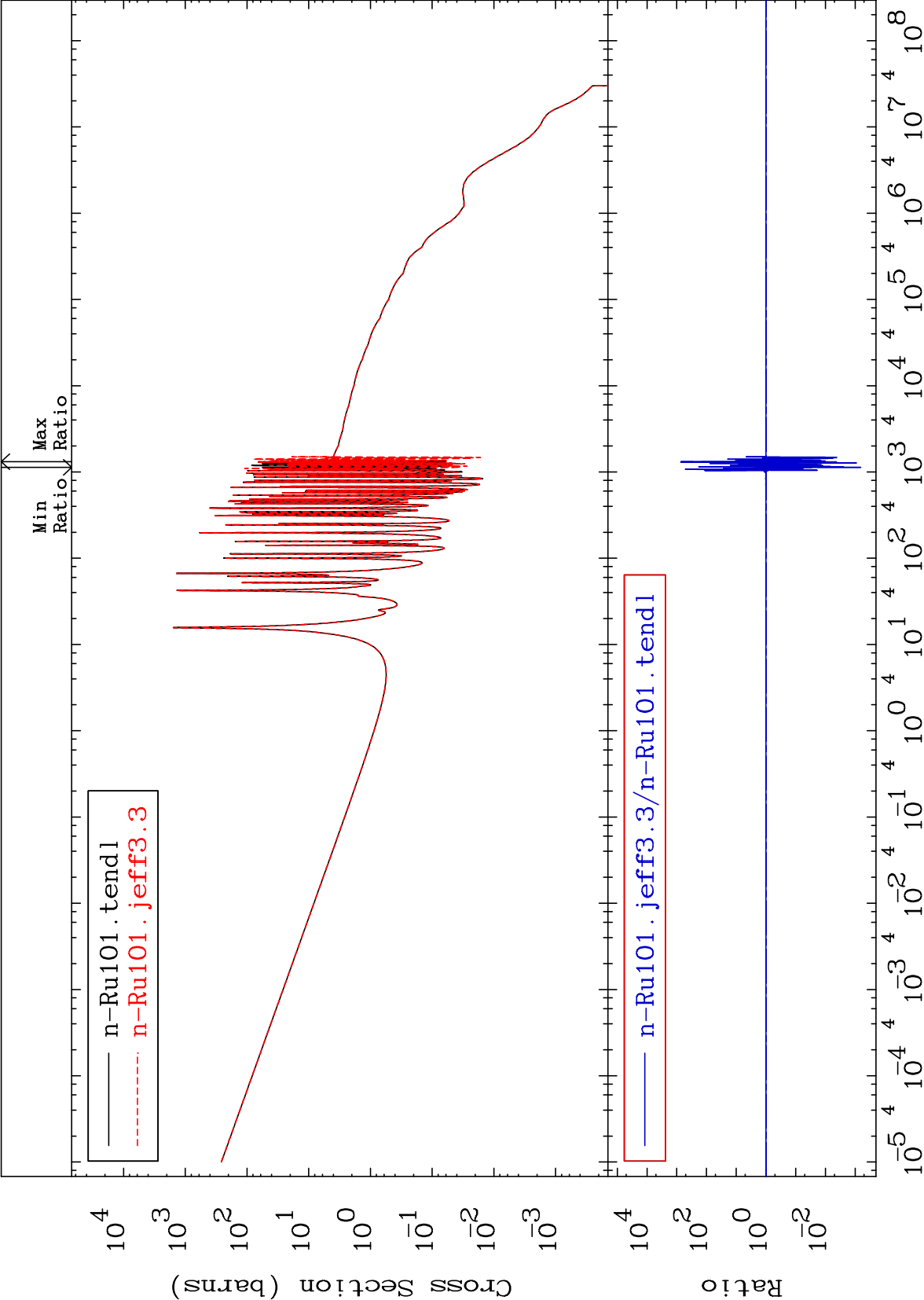


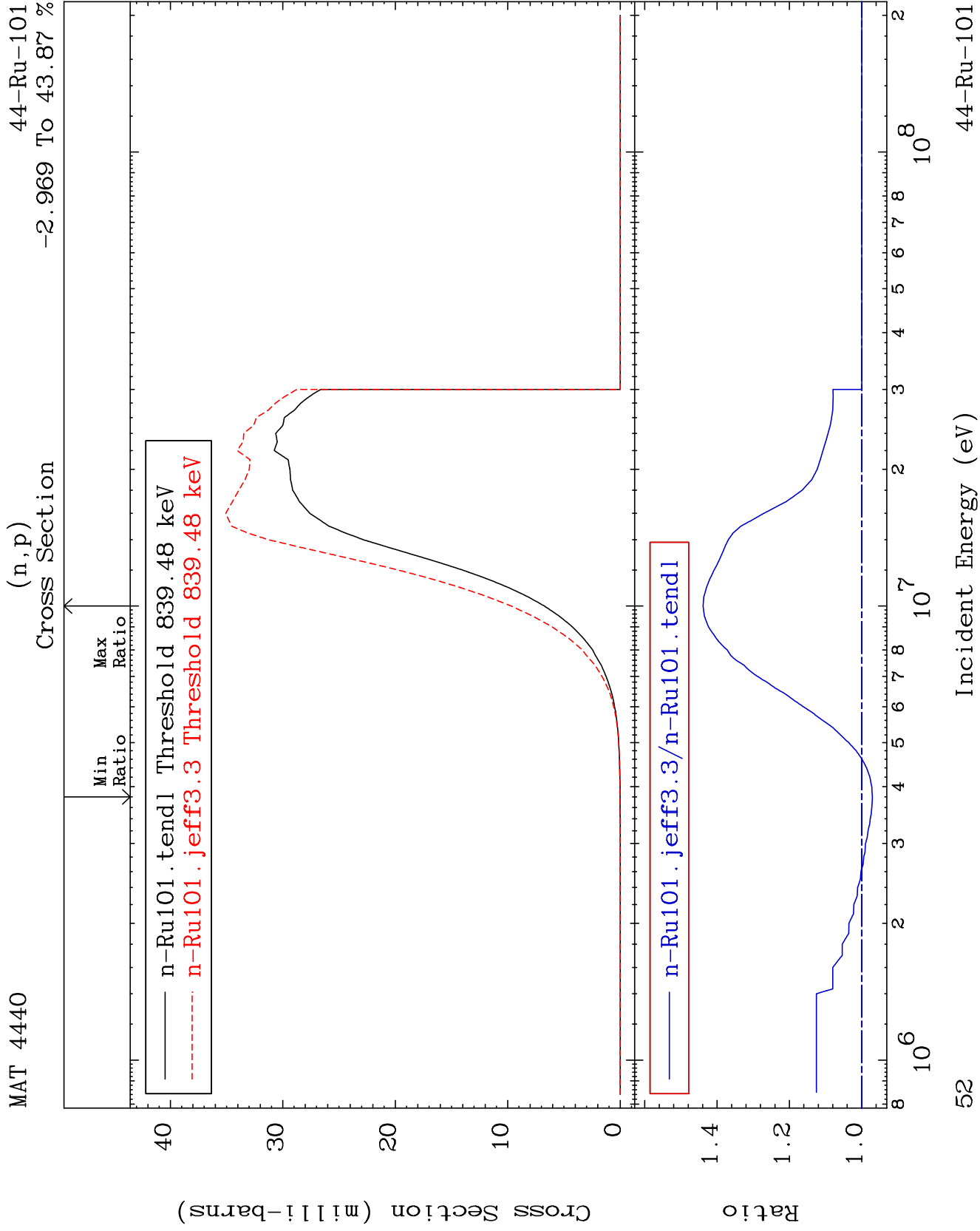
48

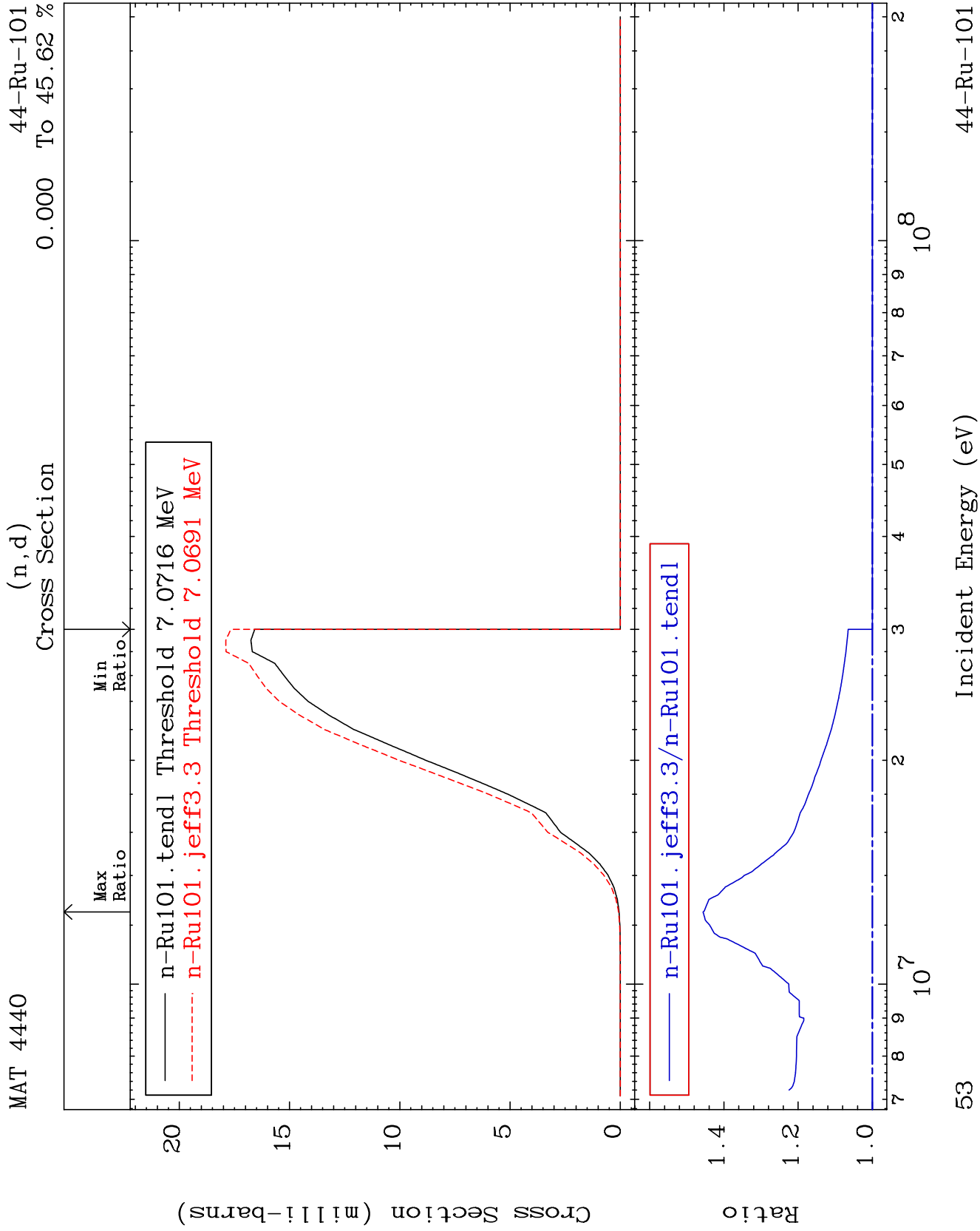
Incident Energy (eV)

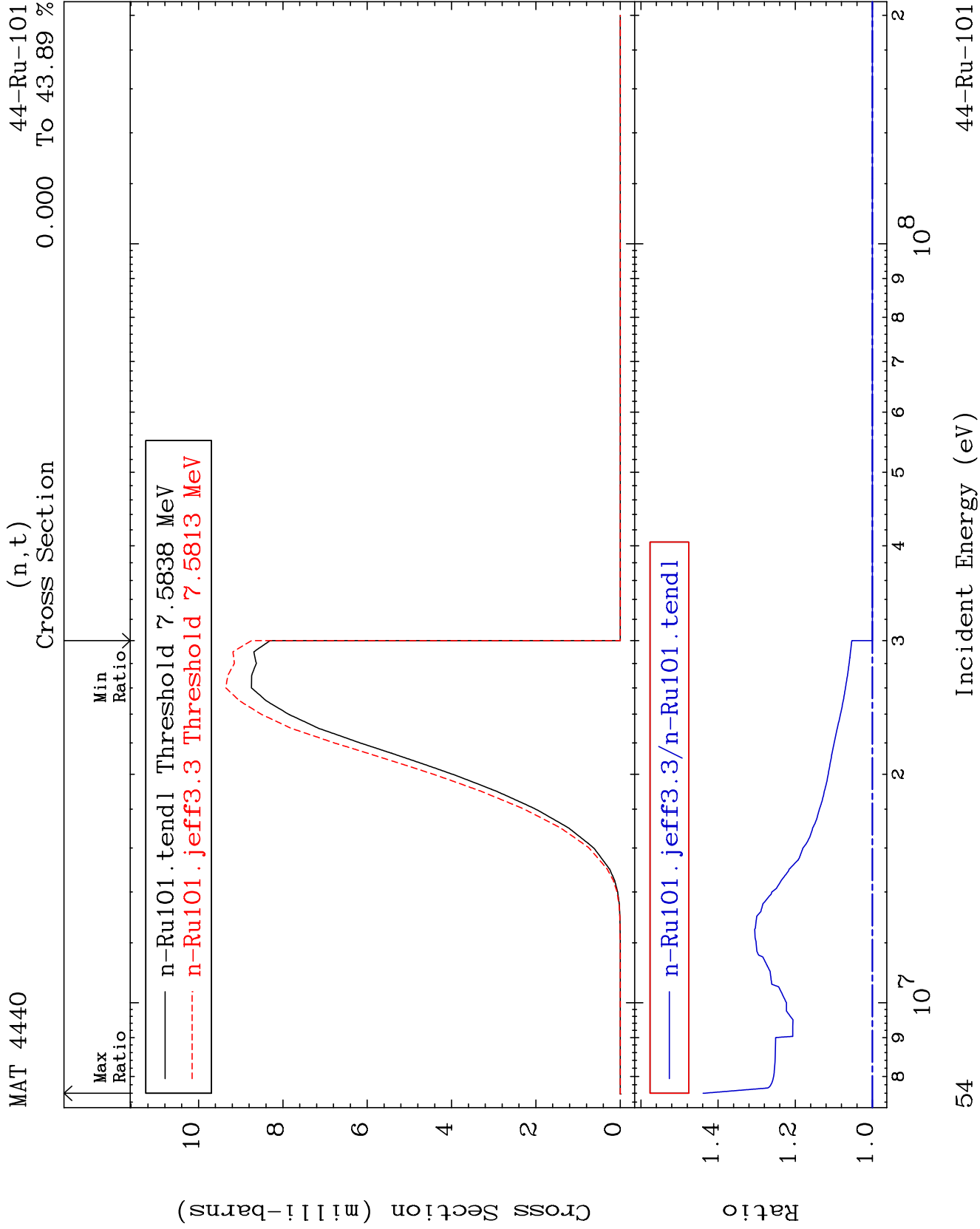
44-Ru-101

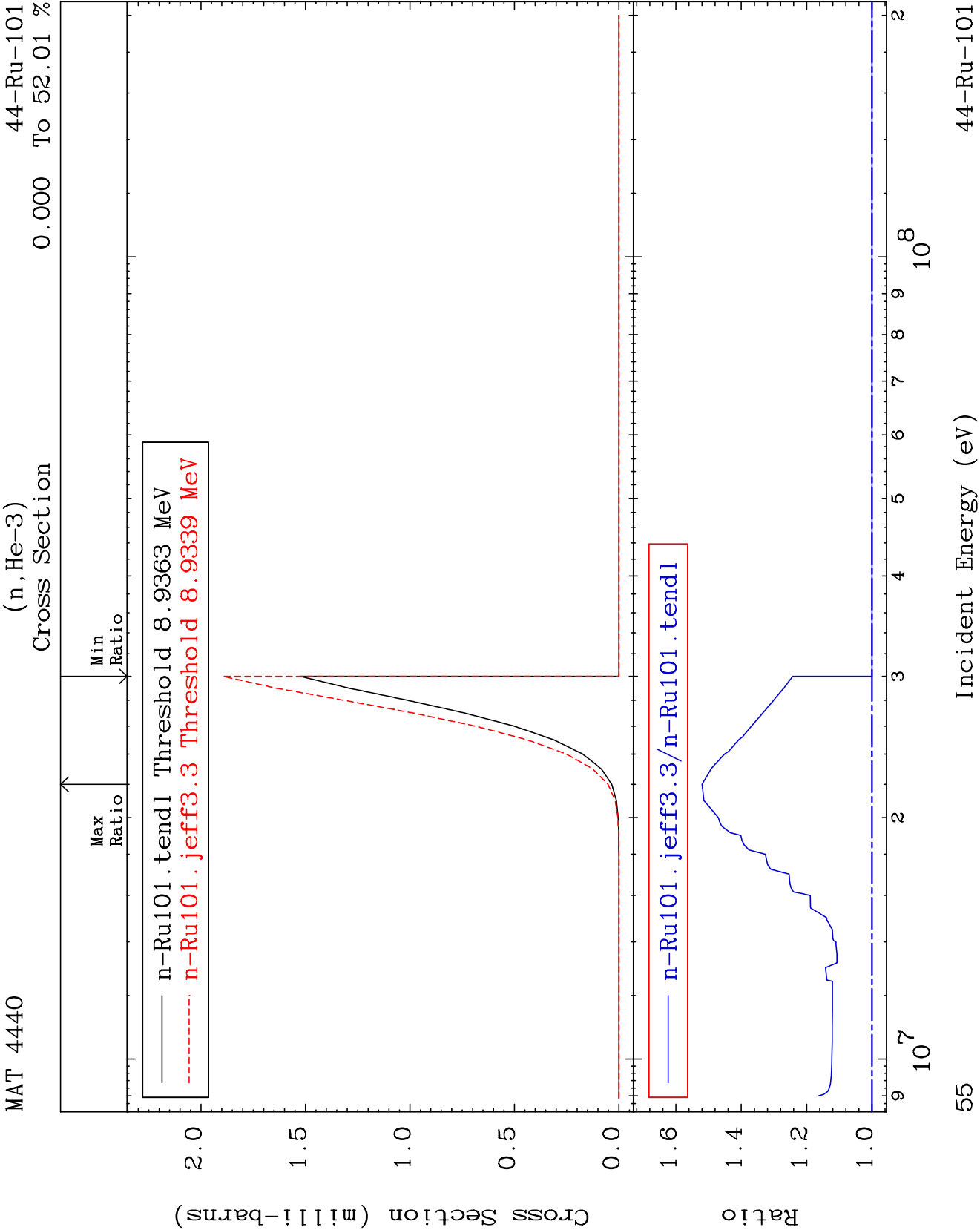


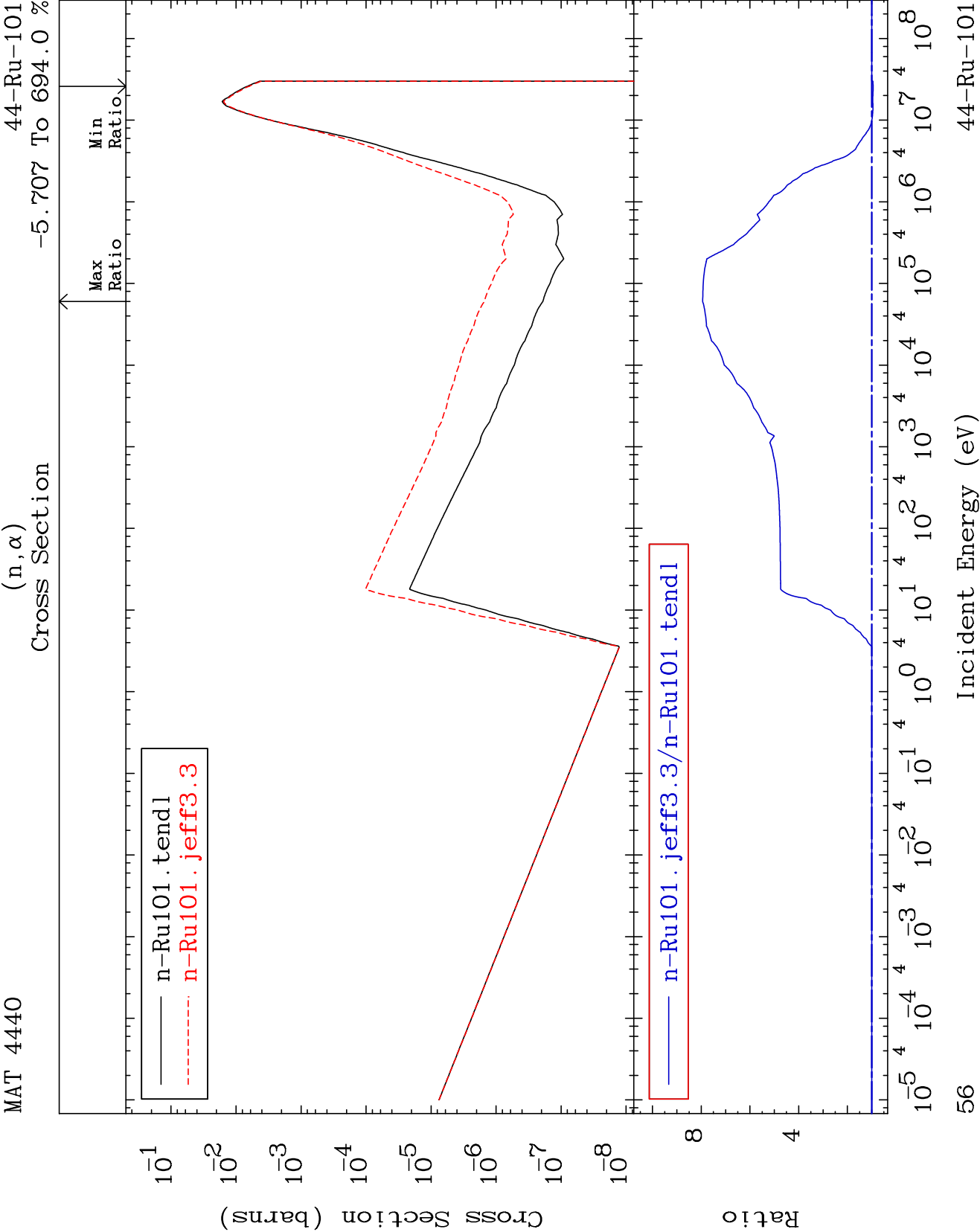


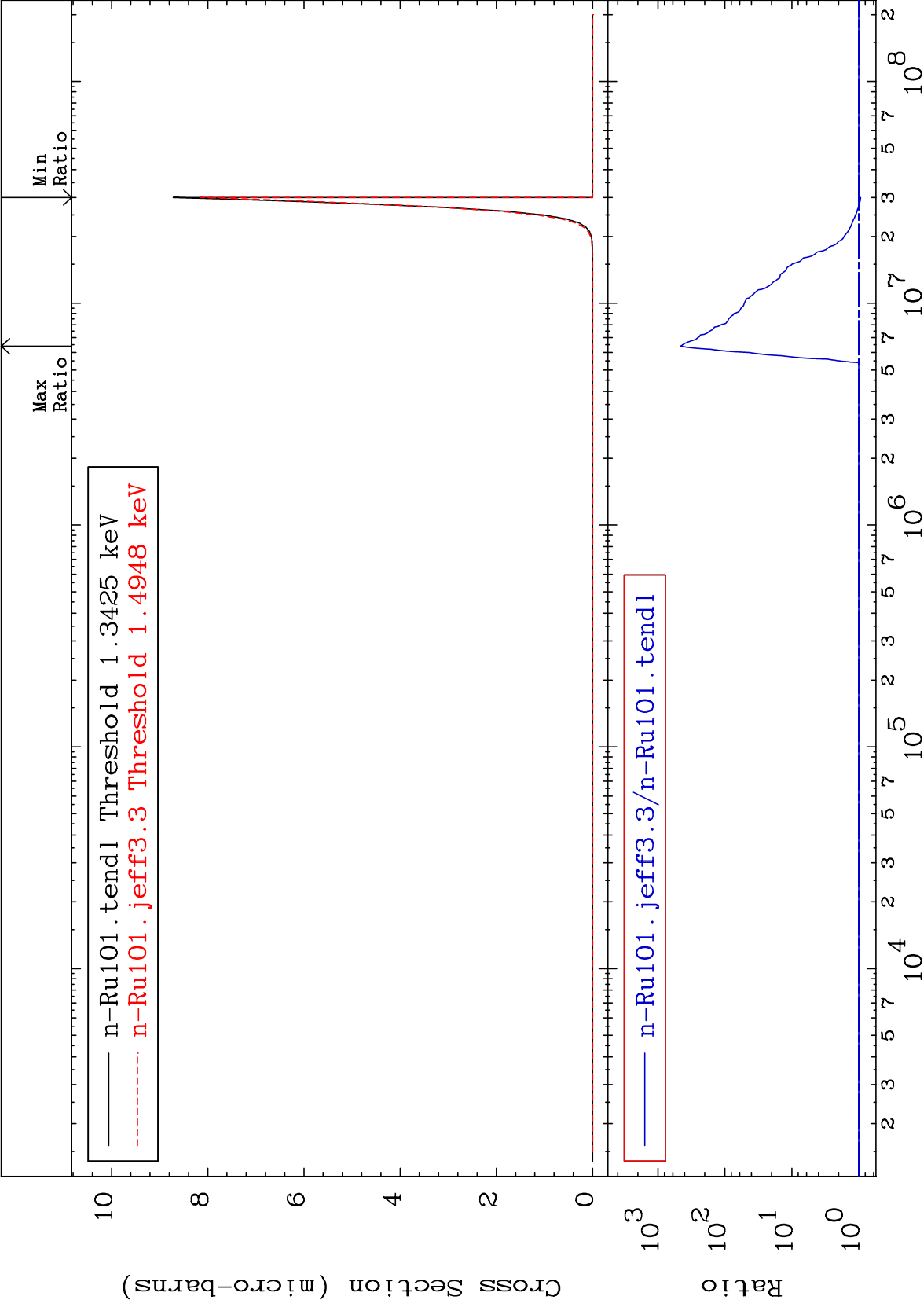


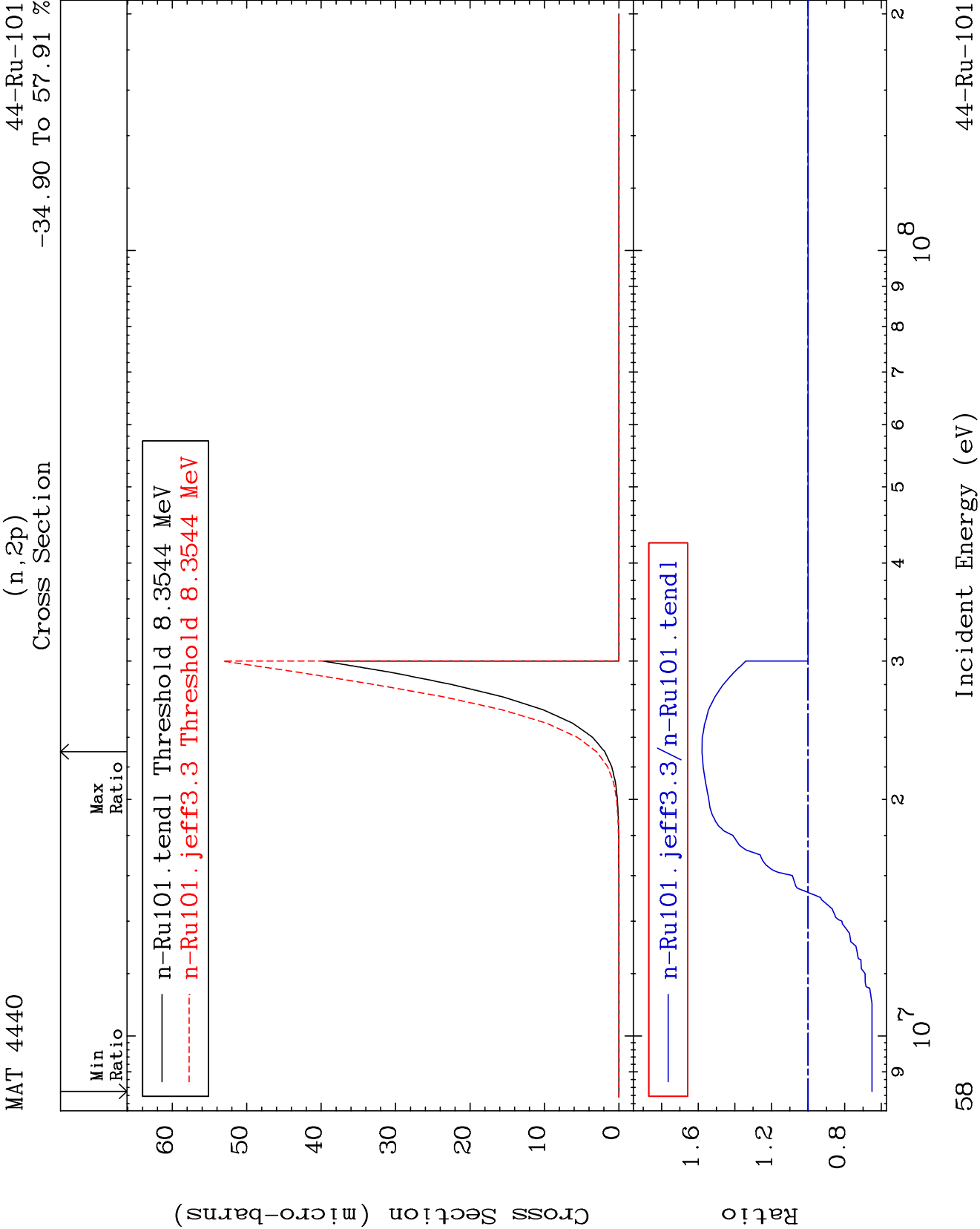


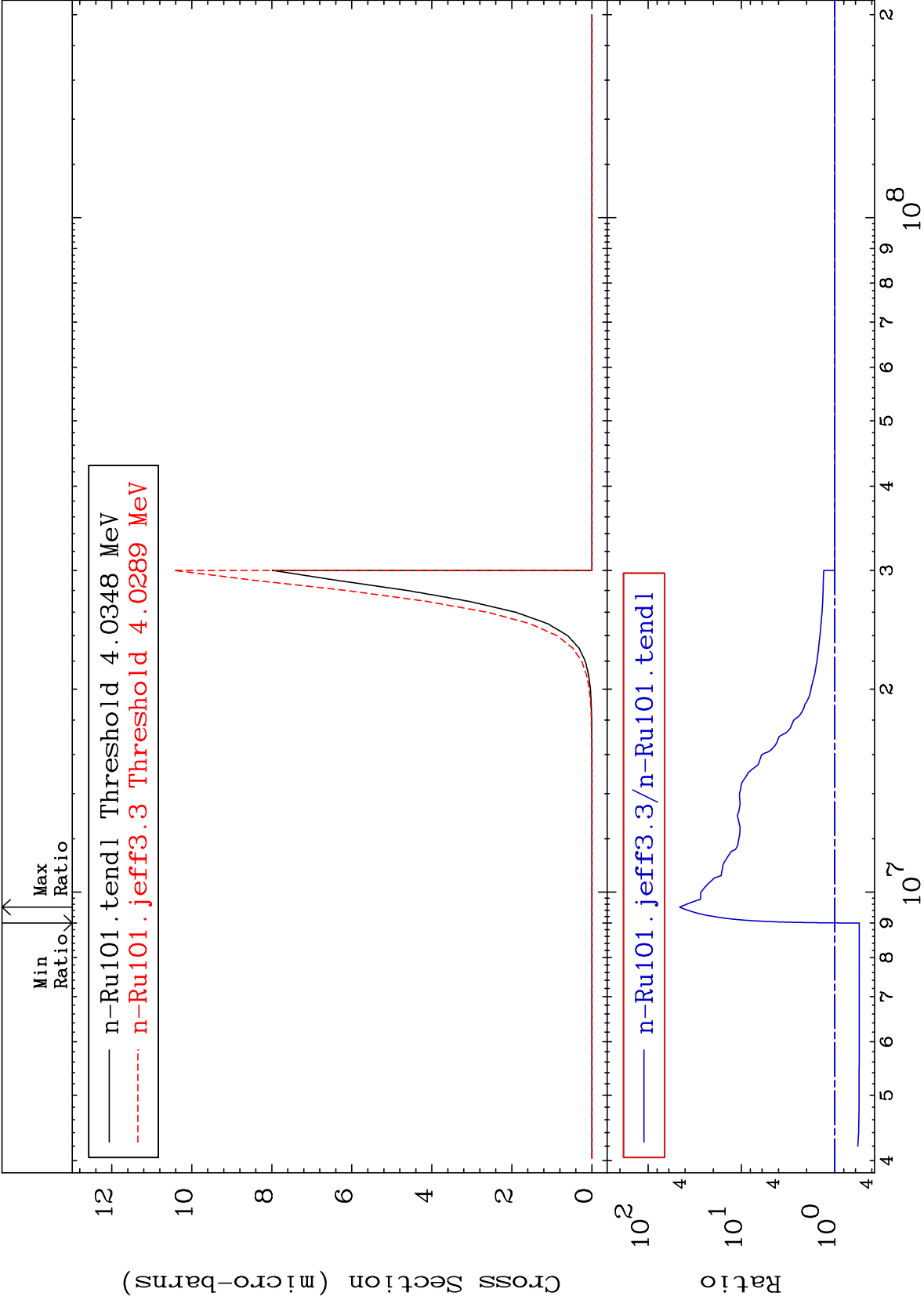












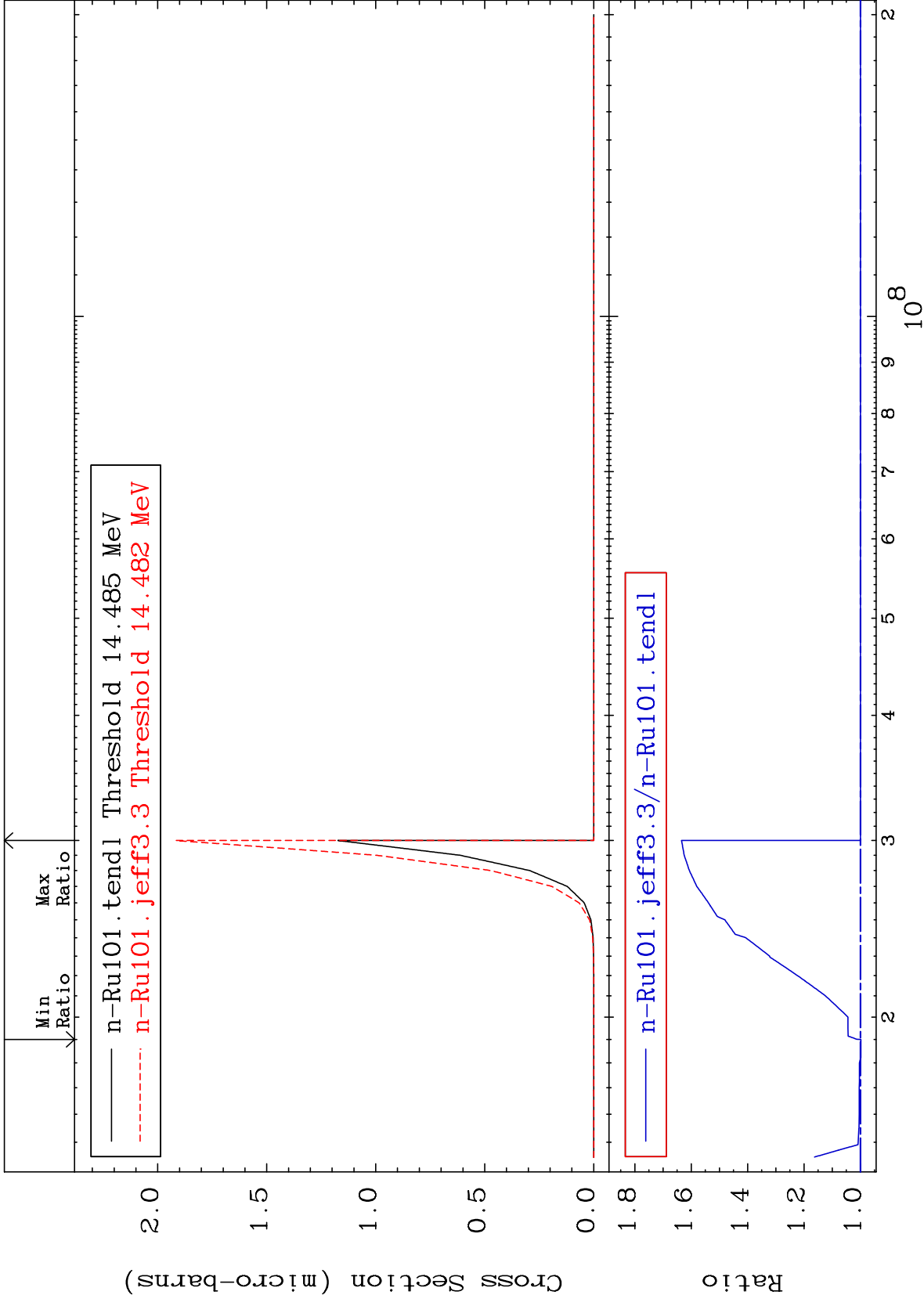
MAT 4440

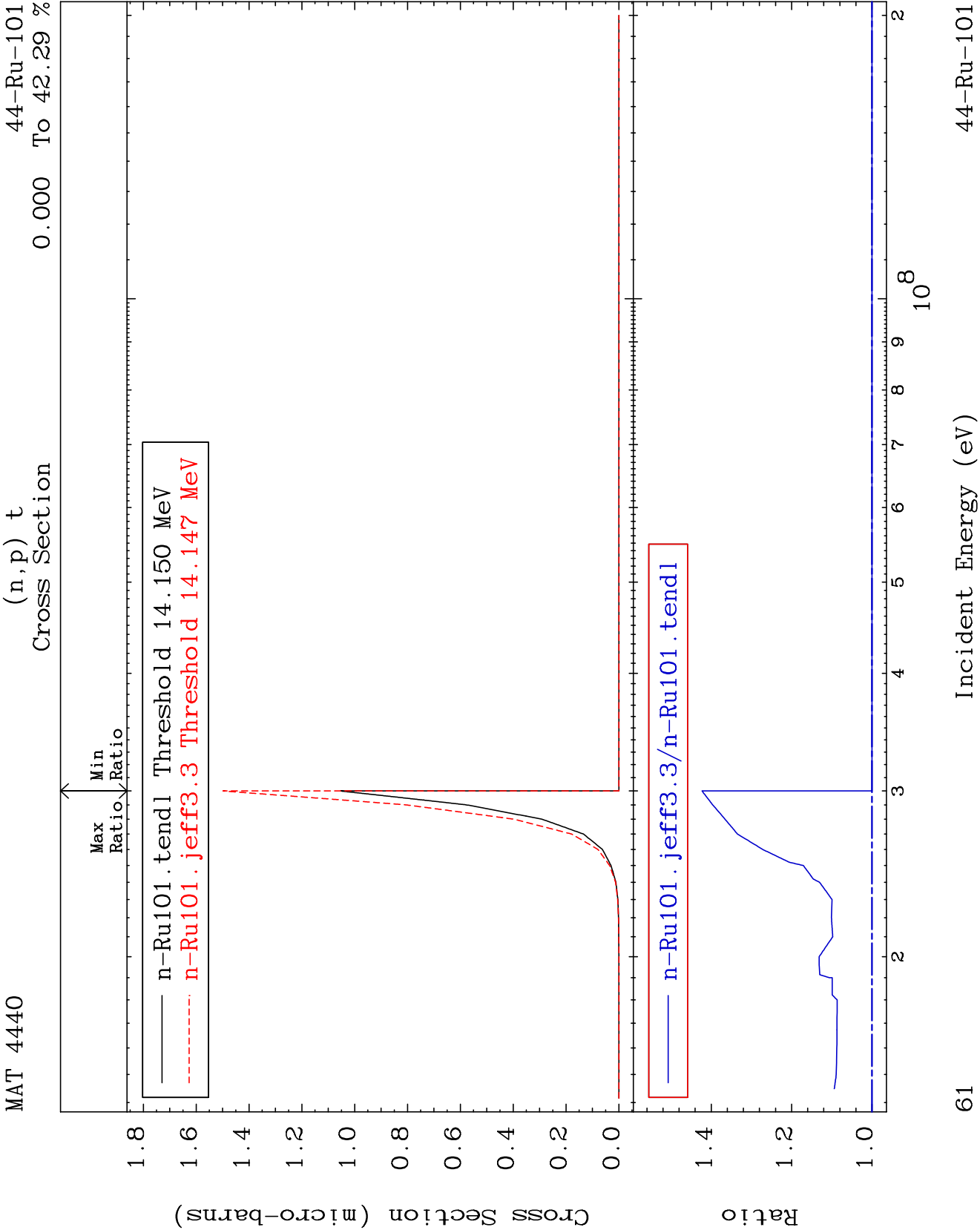
(n,p) d

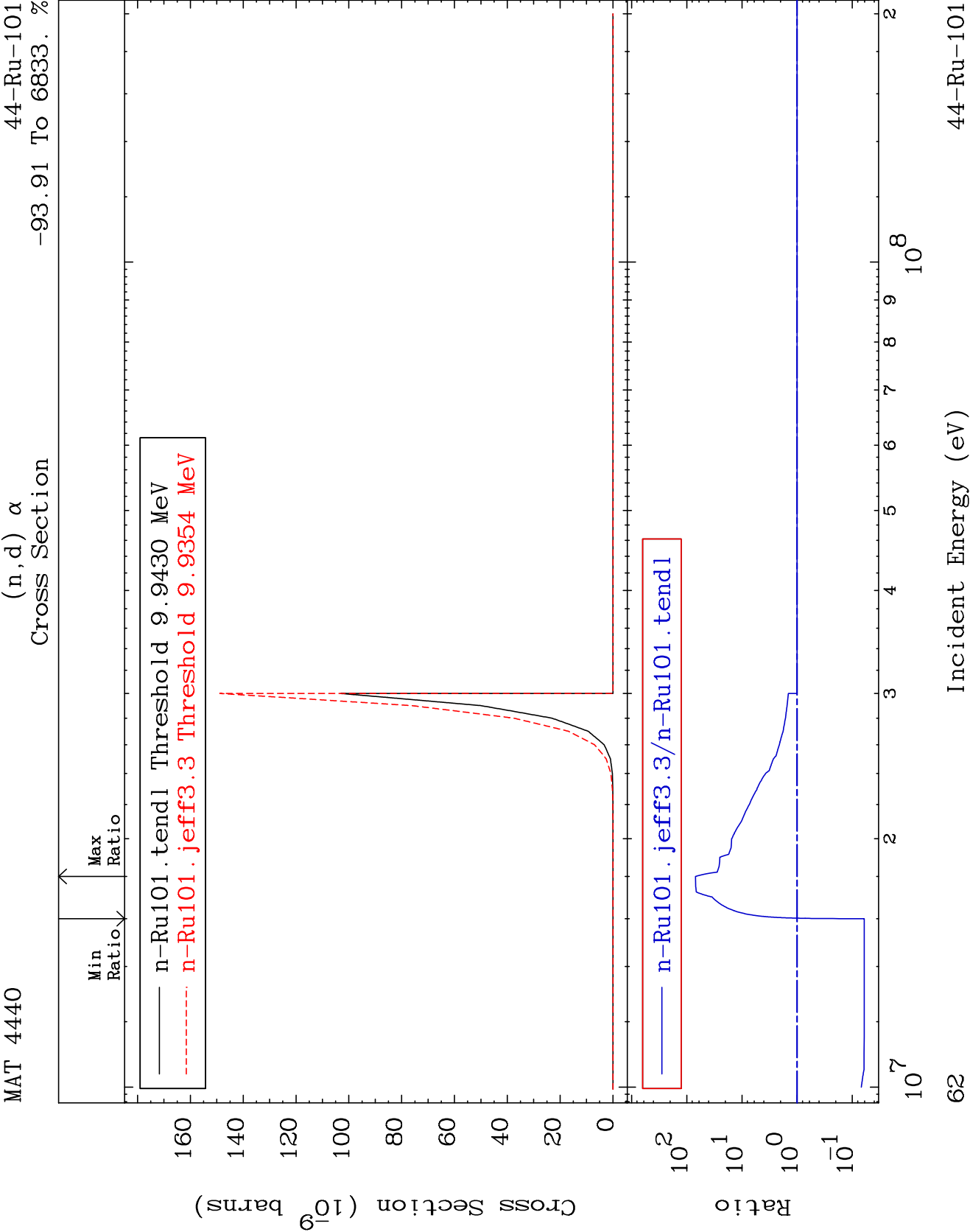
44-Ru-101

Cross Section

-0.180 To 63.44 %



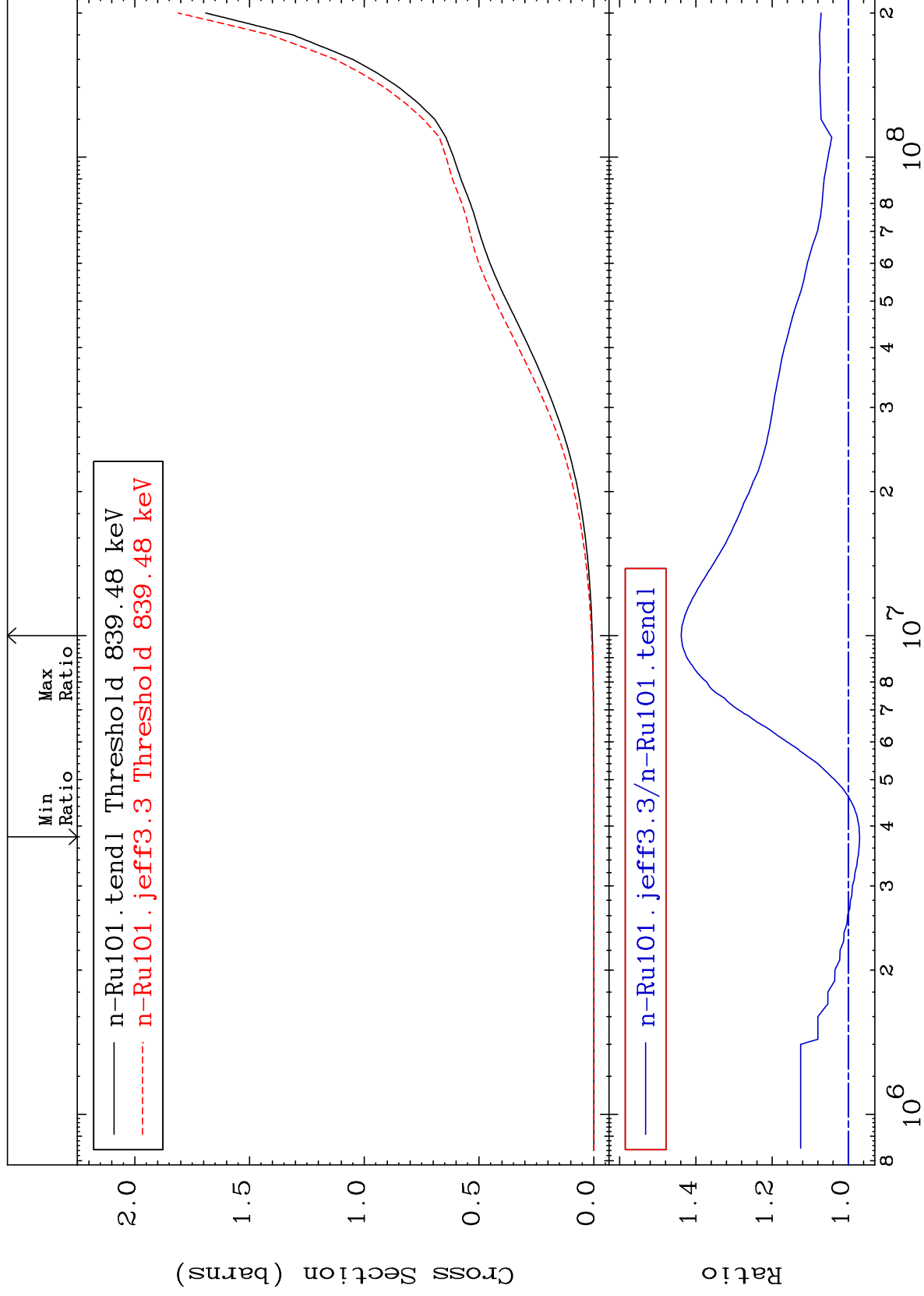




MAT 4440

Hydrogen Production
Cross Section

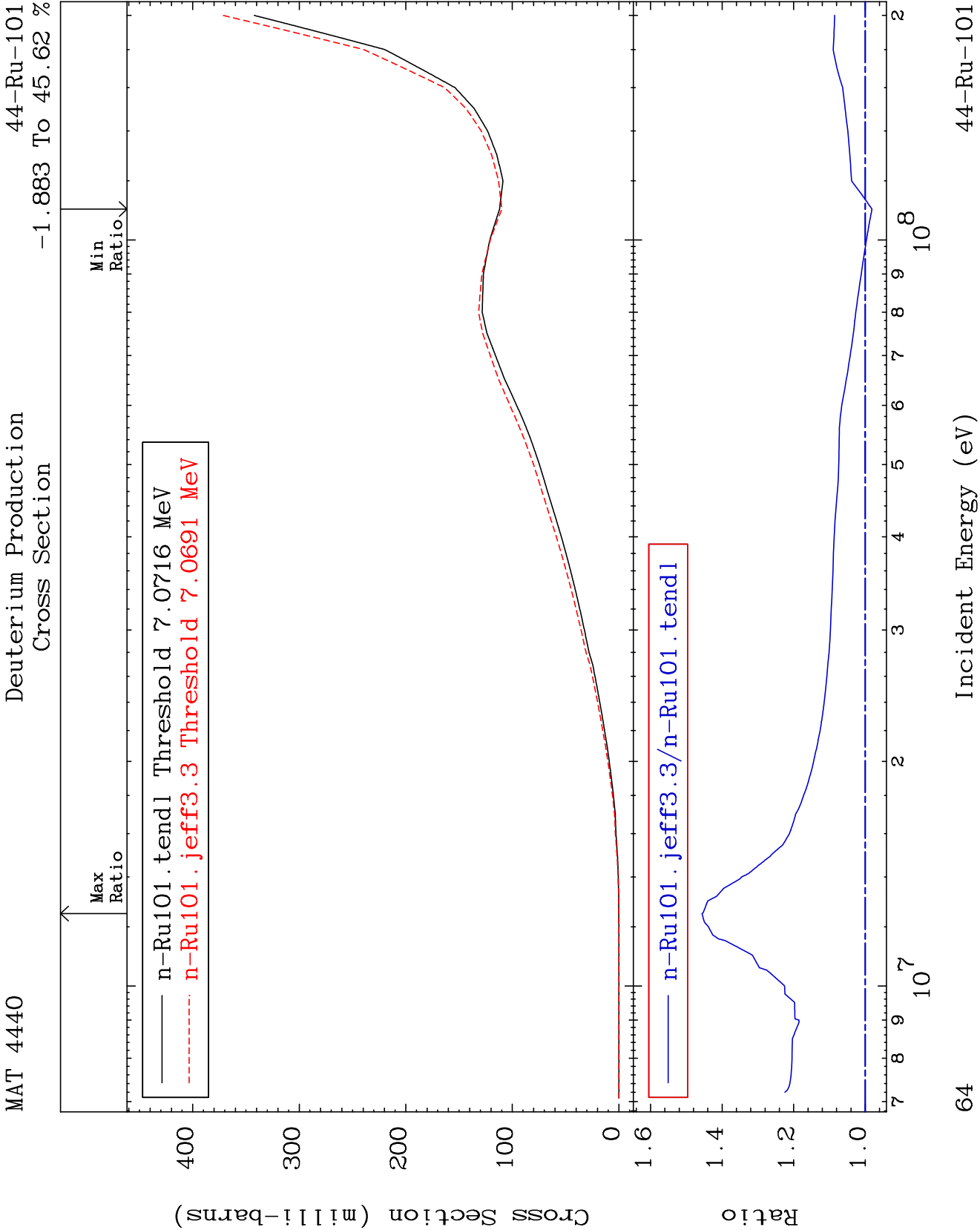
44-Ru-101
-2.969 To 43.87 %

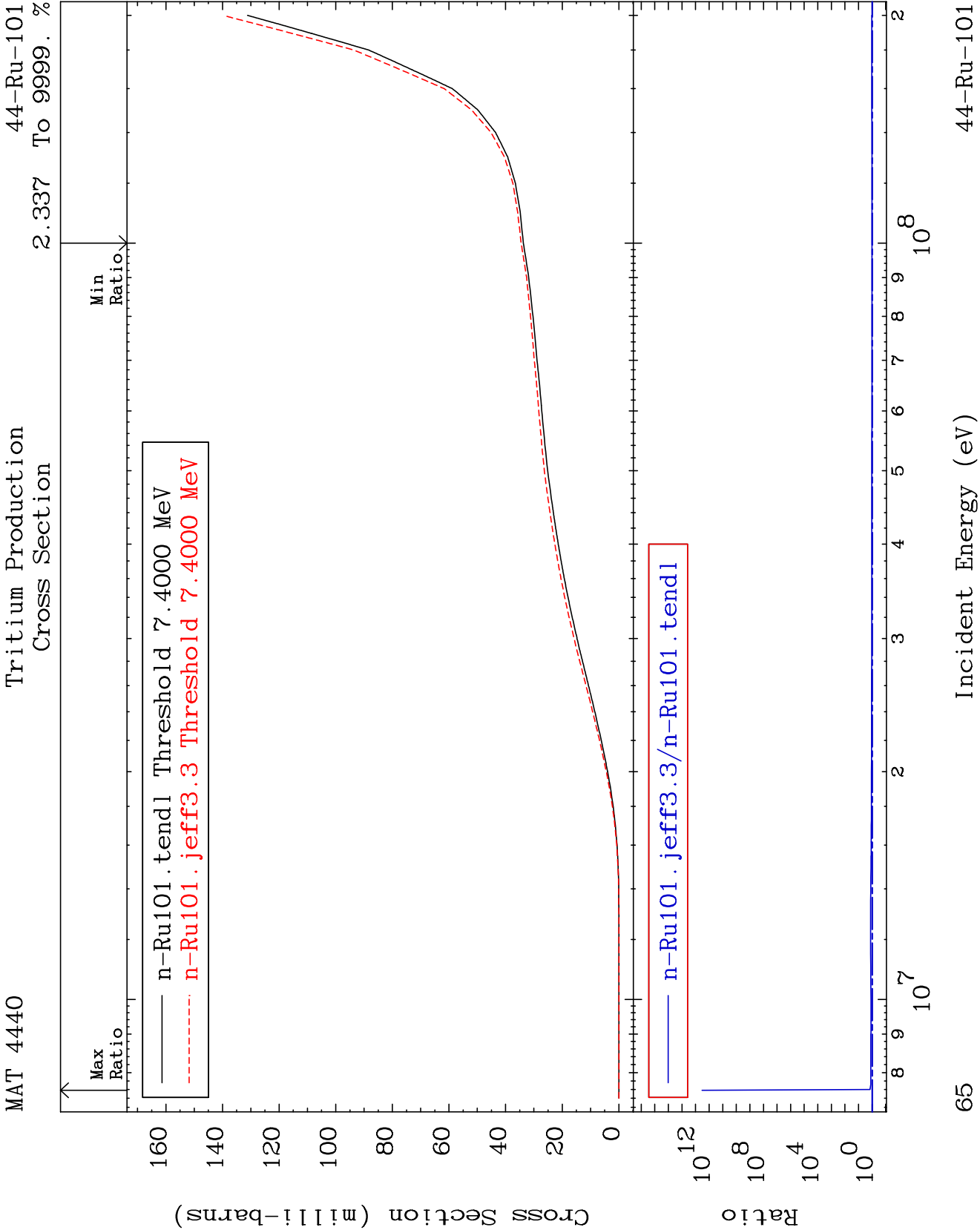


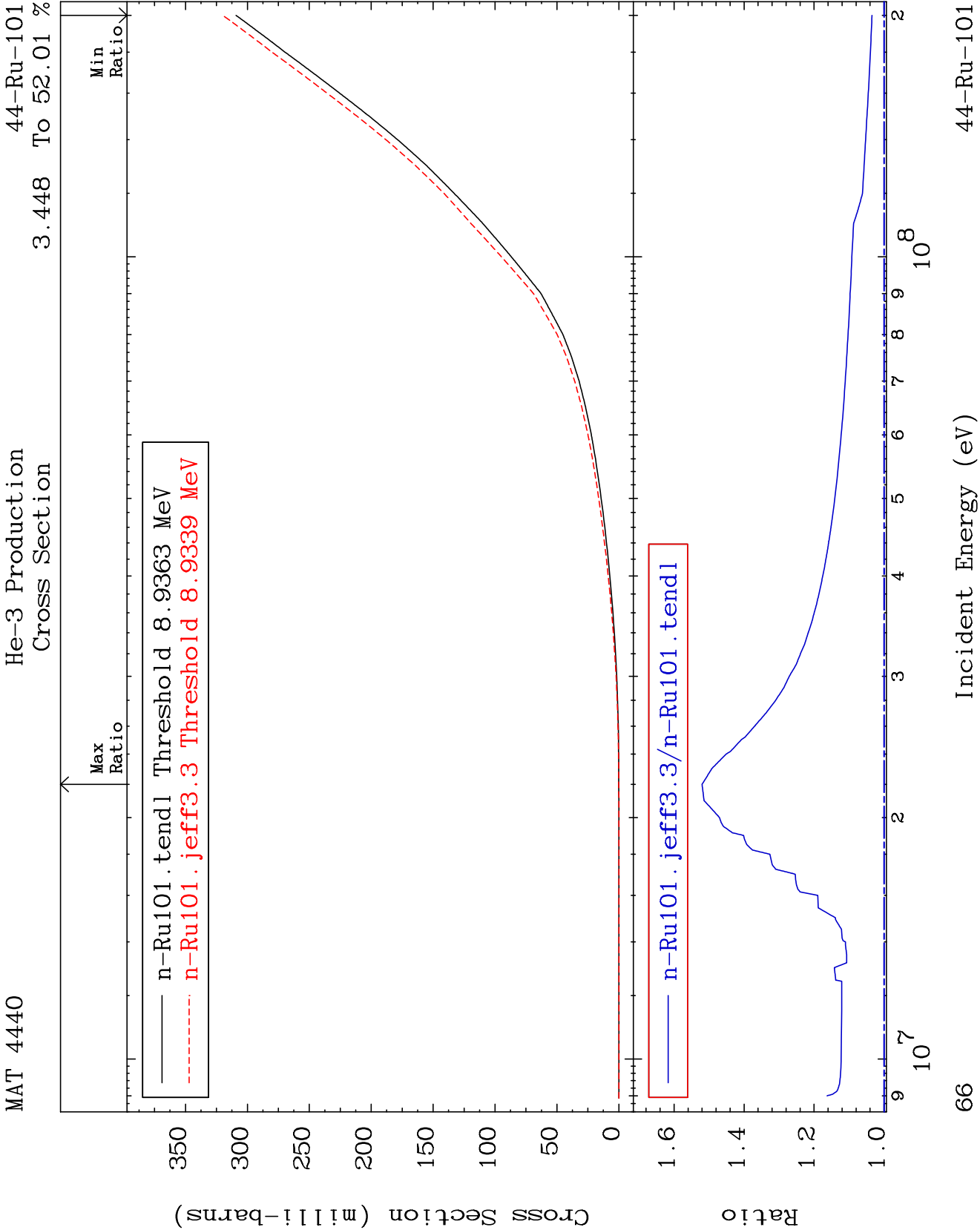
63

Incident Energy (eV)

44-Ru-101



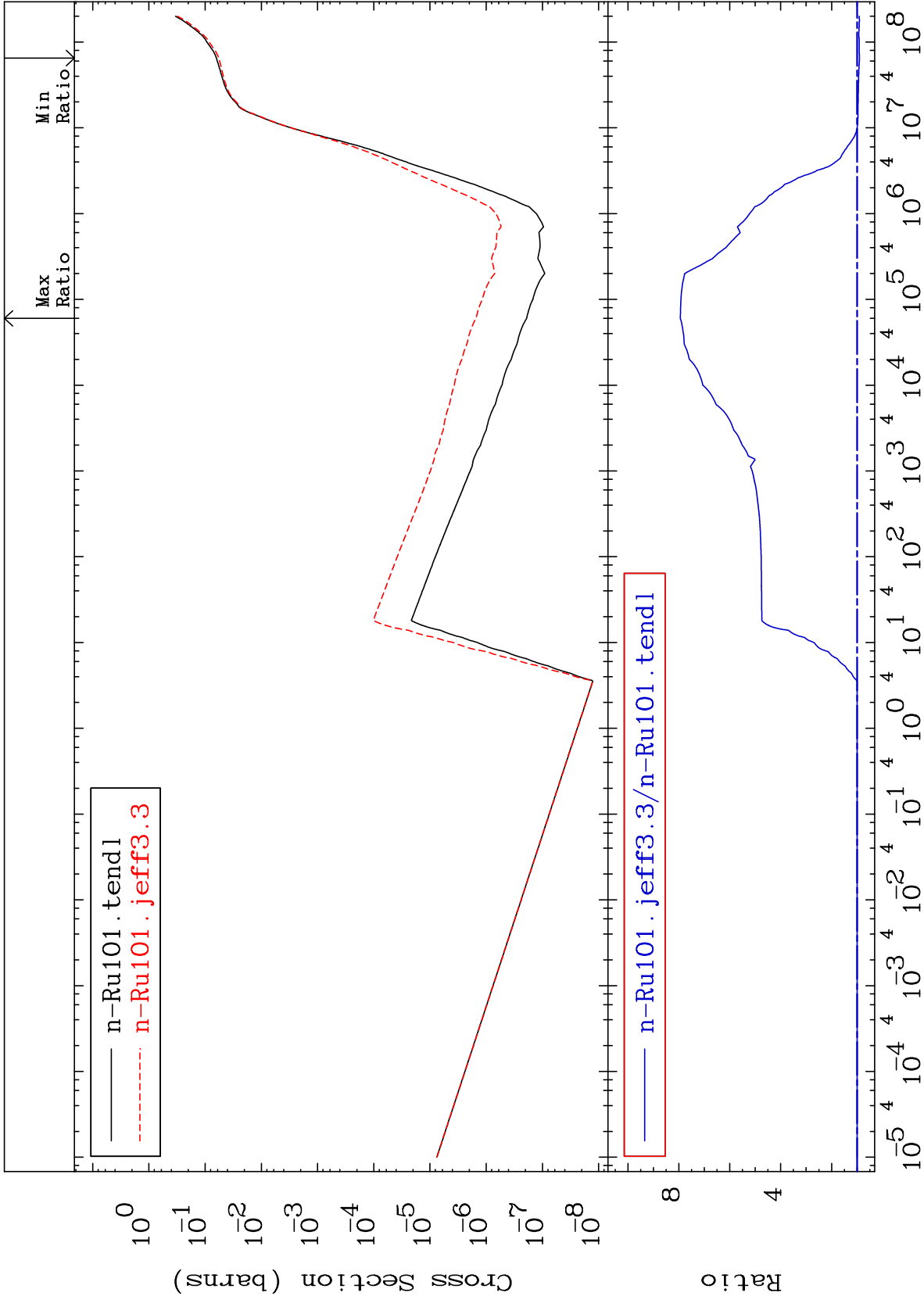




MAT 4440

He-4 Production
Cross Section

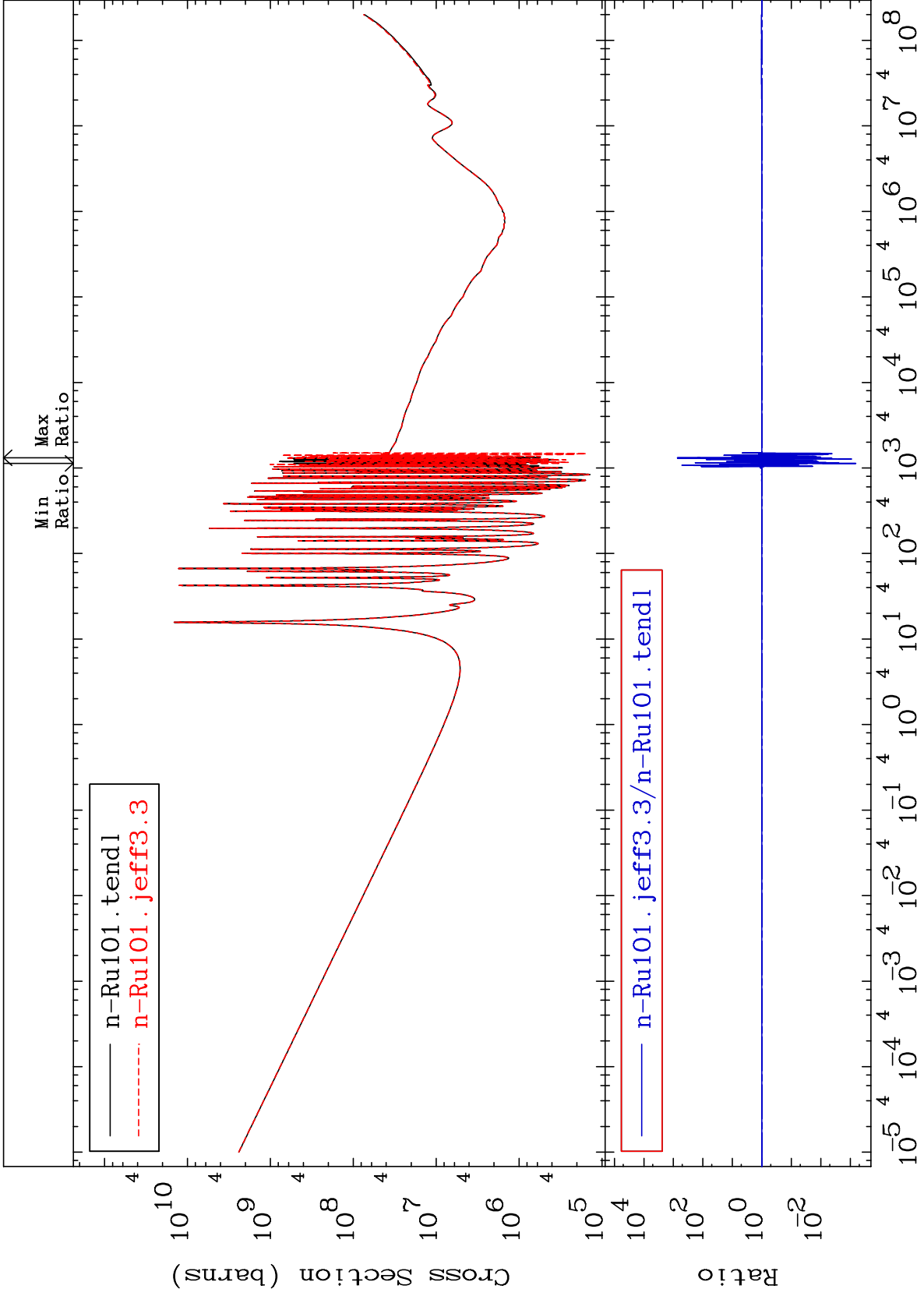
44-Ru-101
-9.254 To 694.0 %

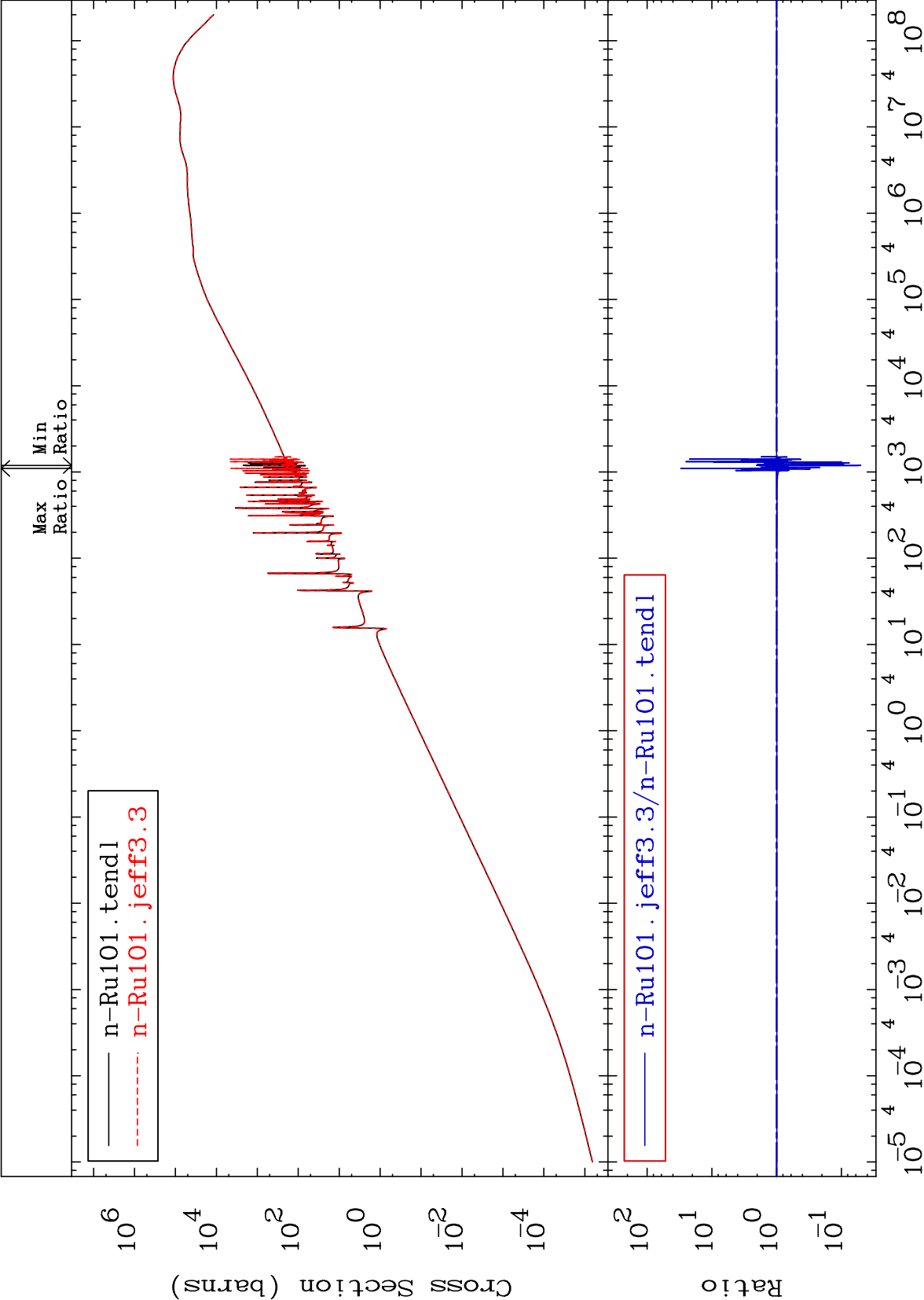


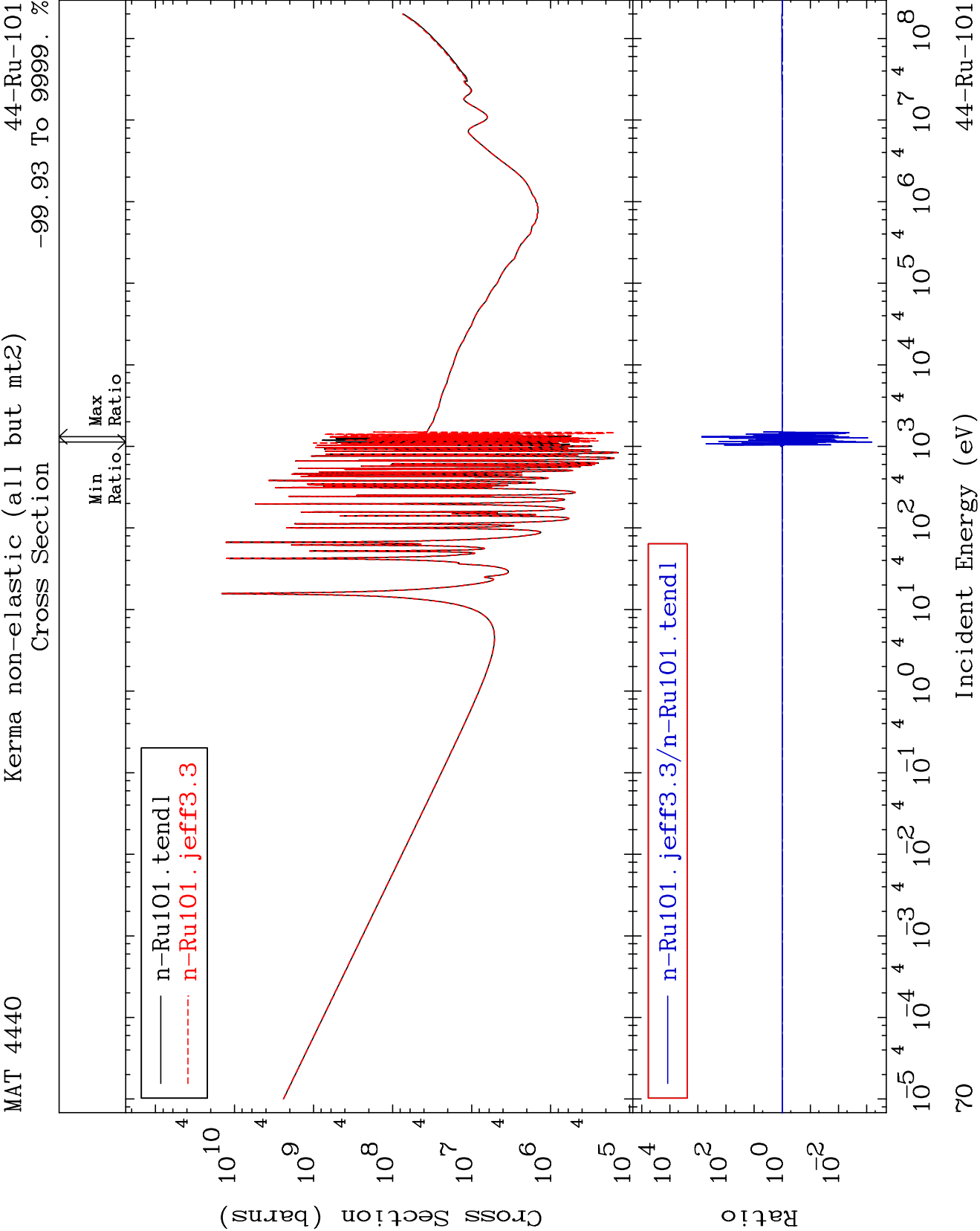
67

Incident Energy (eV)

44-Ru-101







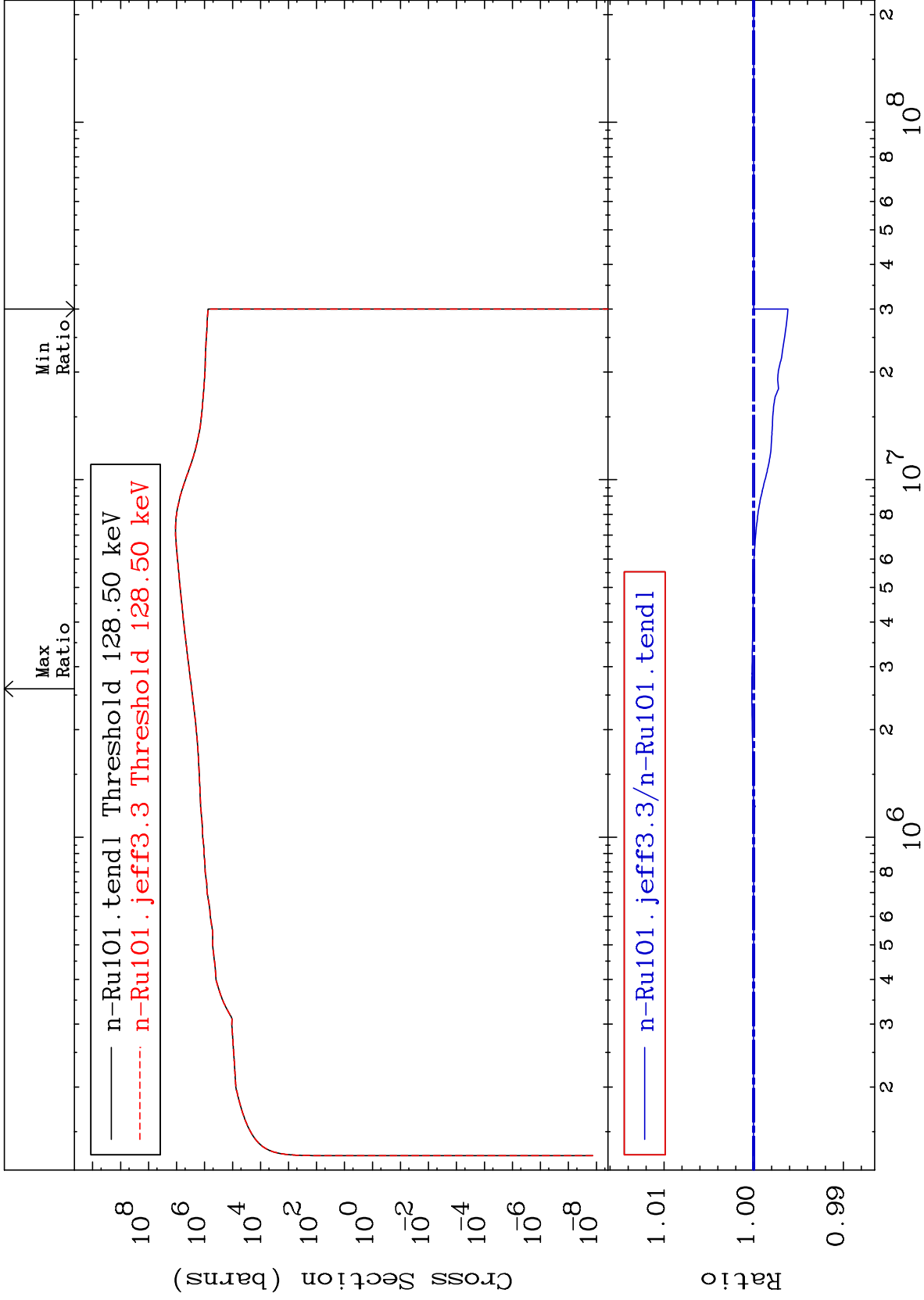
MAT 4440

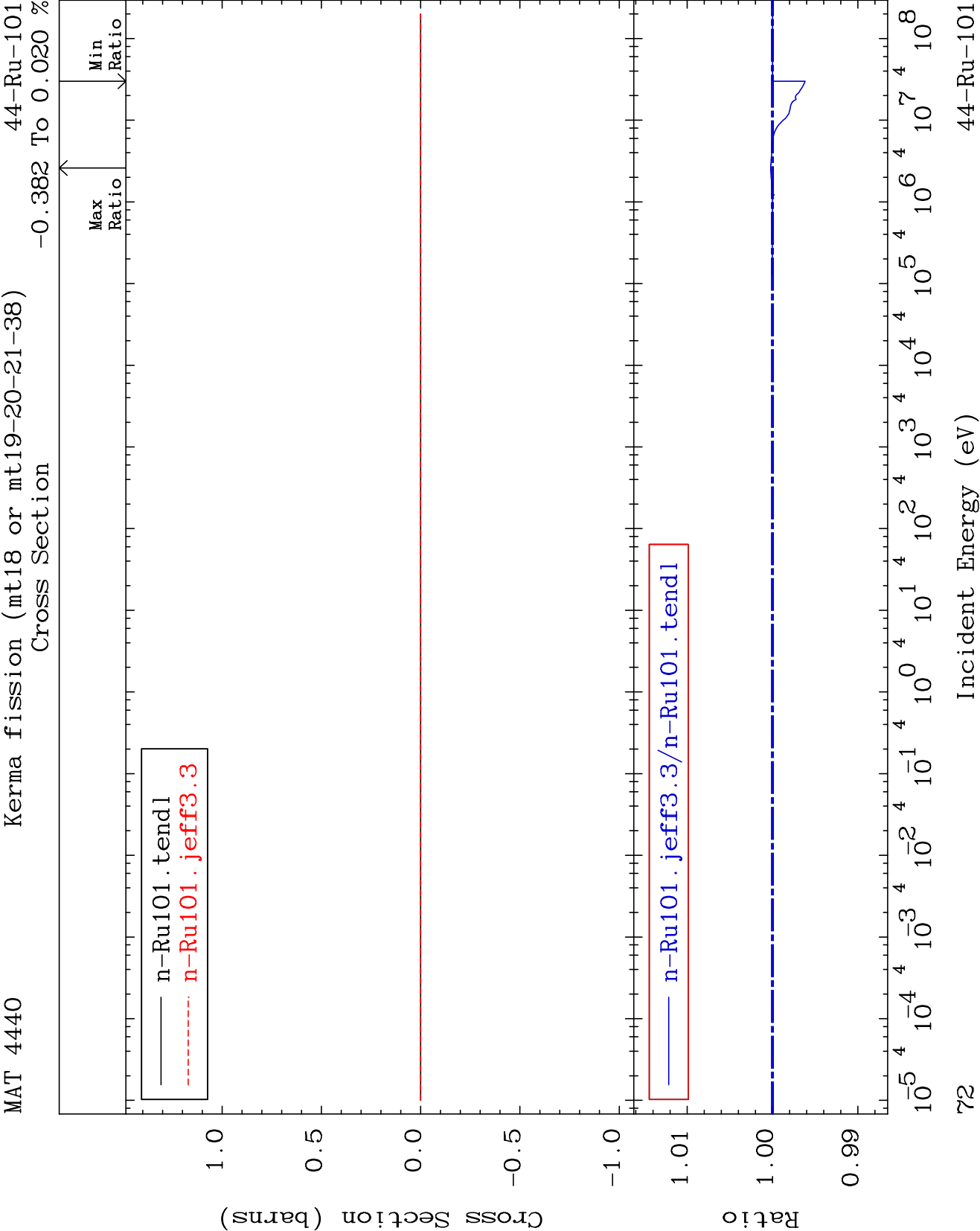
Kerma inelastic (mt51-91)

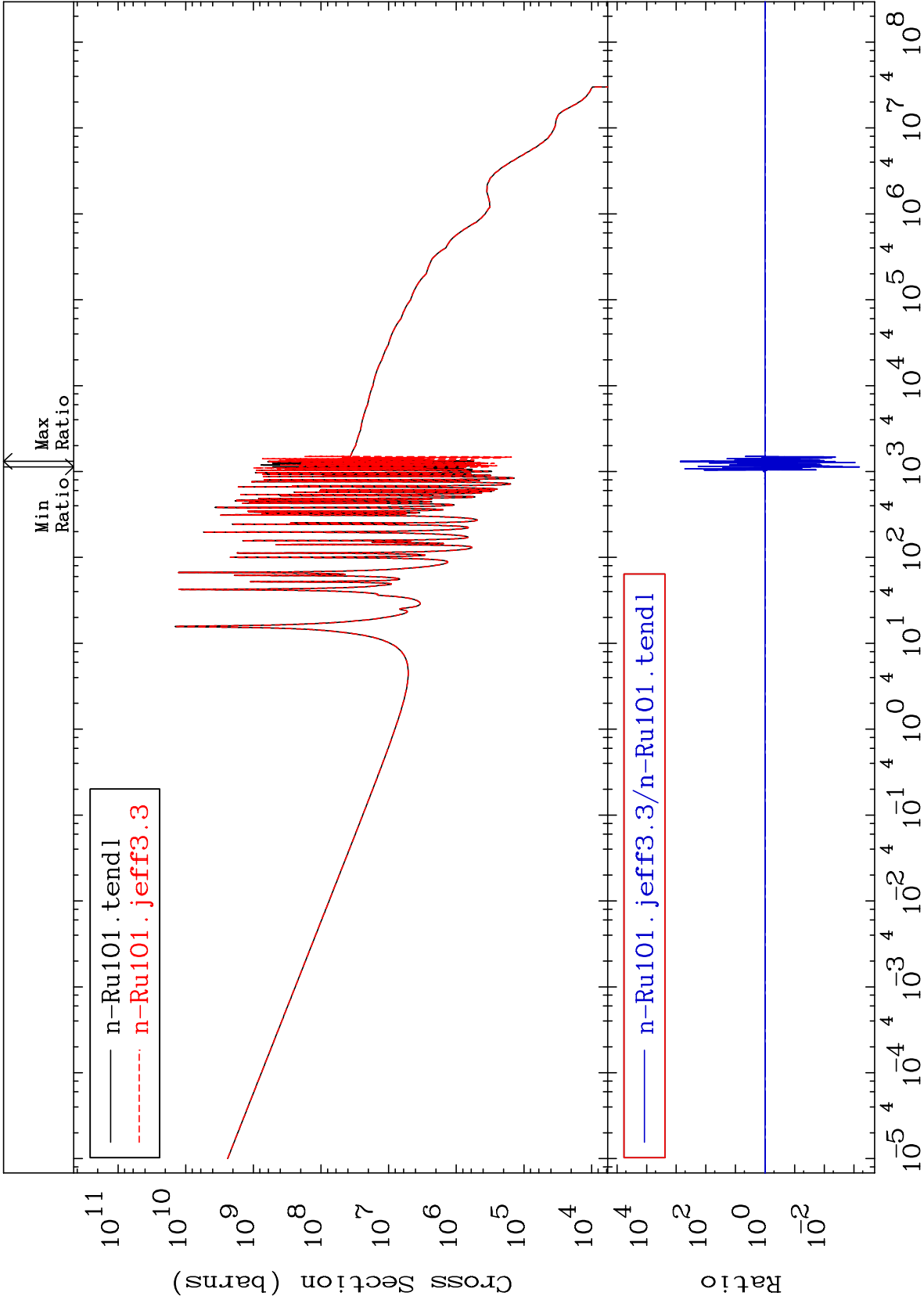
44-Ru-101

Cross Section

-0.382 To 0.020 %







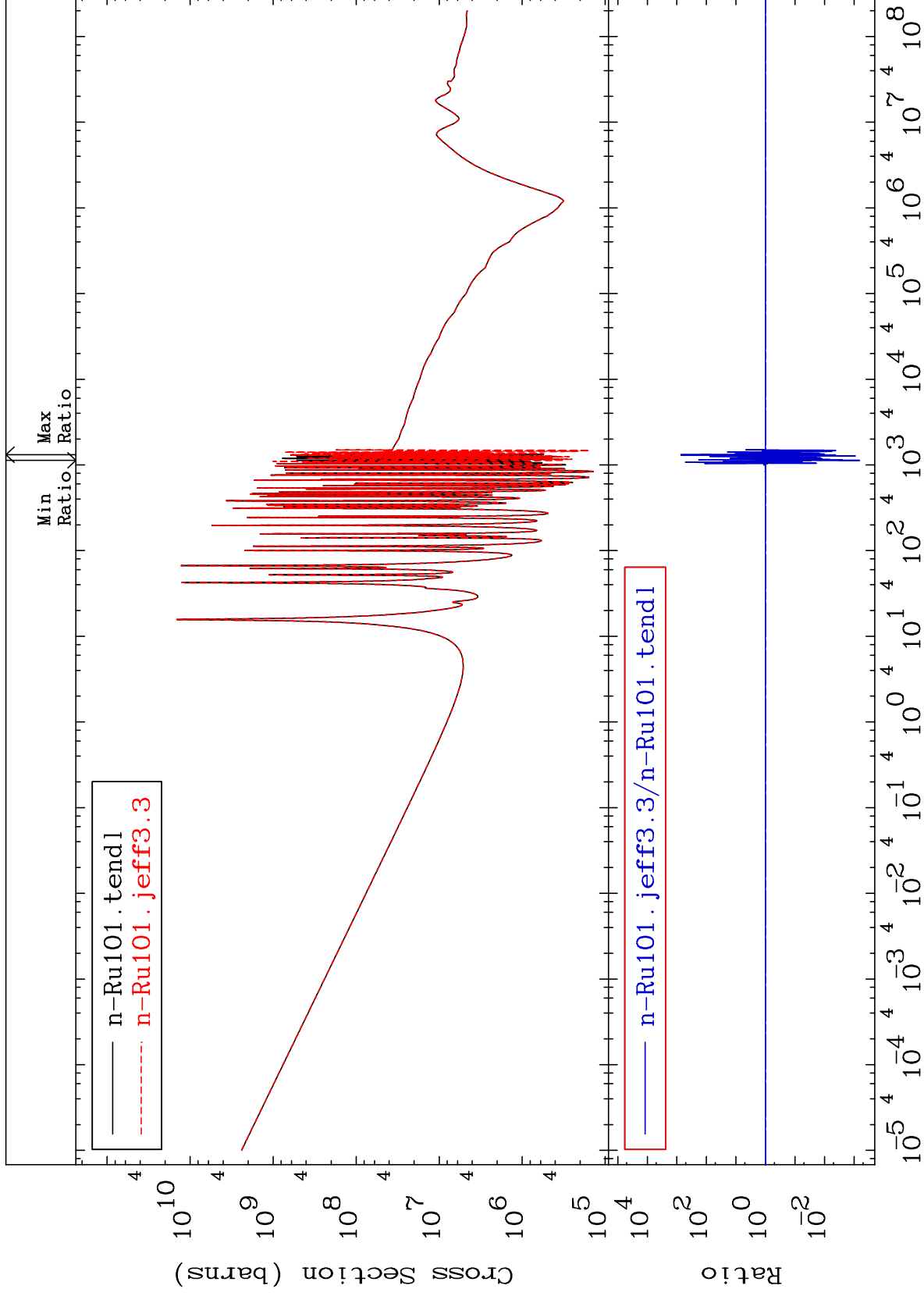
MAT 4440

Total photon (eV-barns)

44-Ru-101

Cross Section

-99.93 To 9999. %



74

Incident Energy (eV)

44-Ru-101

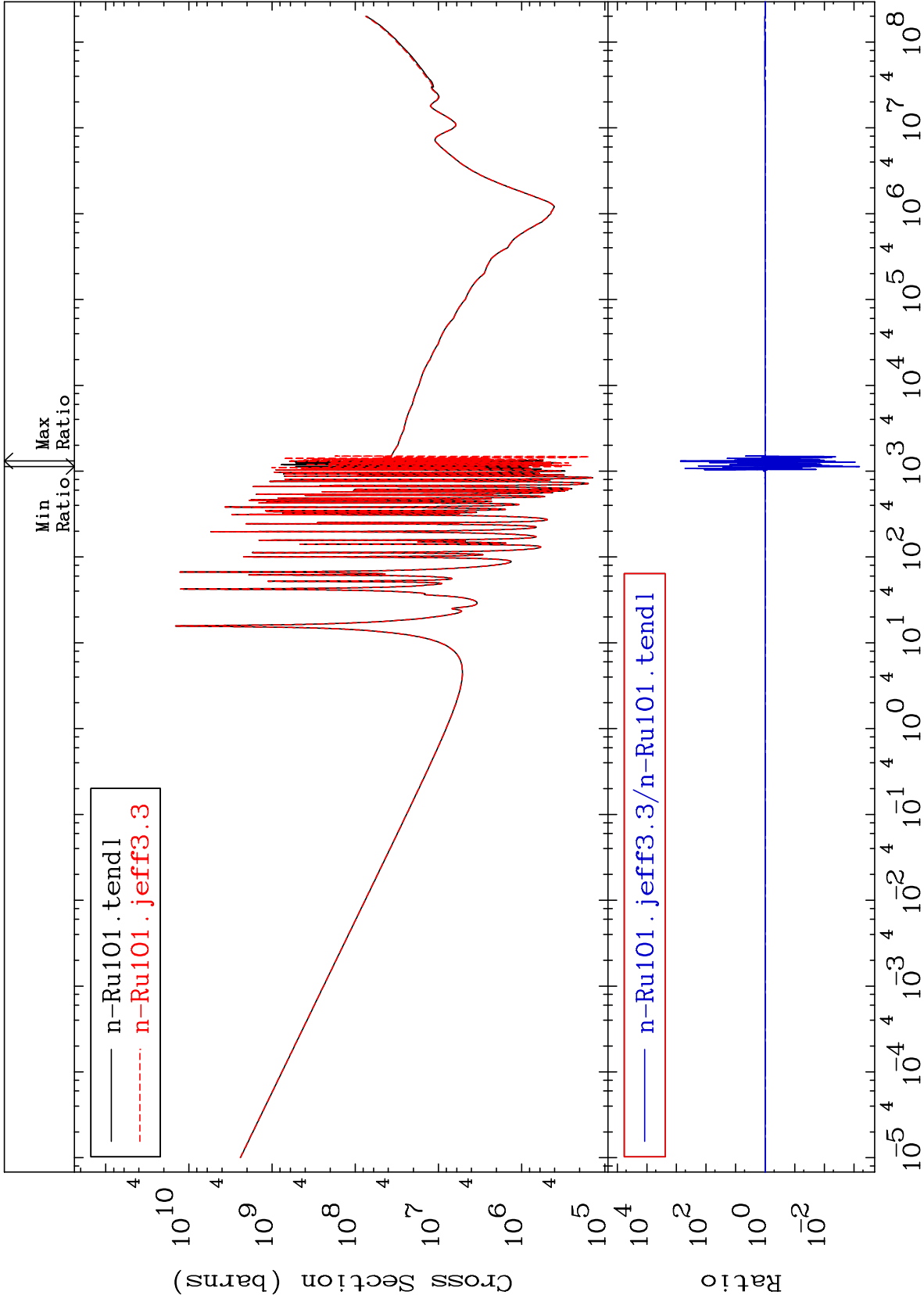
MAT 4440

Total kinematic kerma (high limit)

44-Ru-101

Cross Section

-99.93 To 9999. %



75

Incident Energy (eV)

44-Ru-101

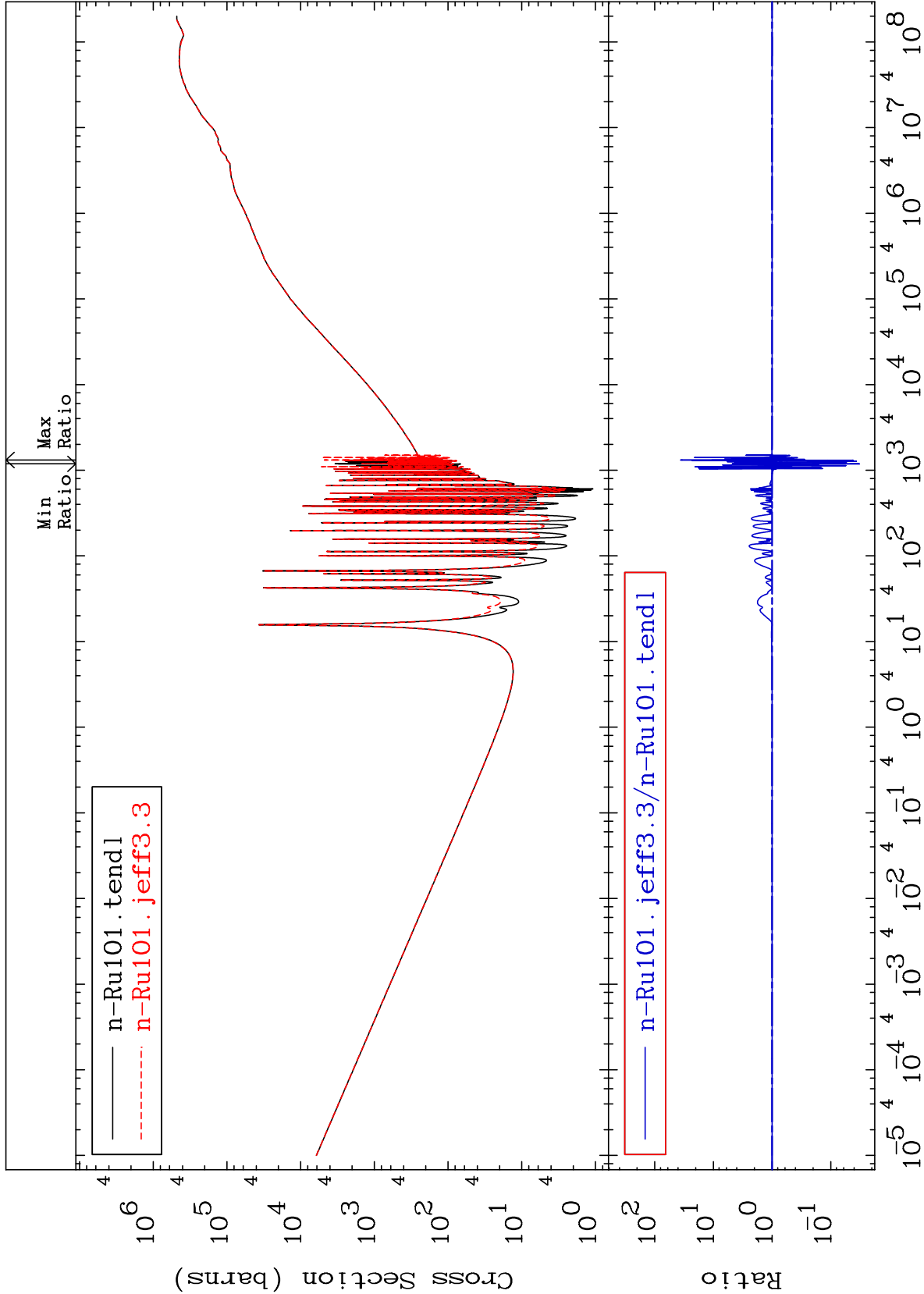
MAT 4440

Dpa total (eV-barns)

44-Ru-101

Cross Section

-96.77 To 3502. %



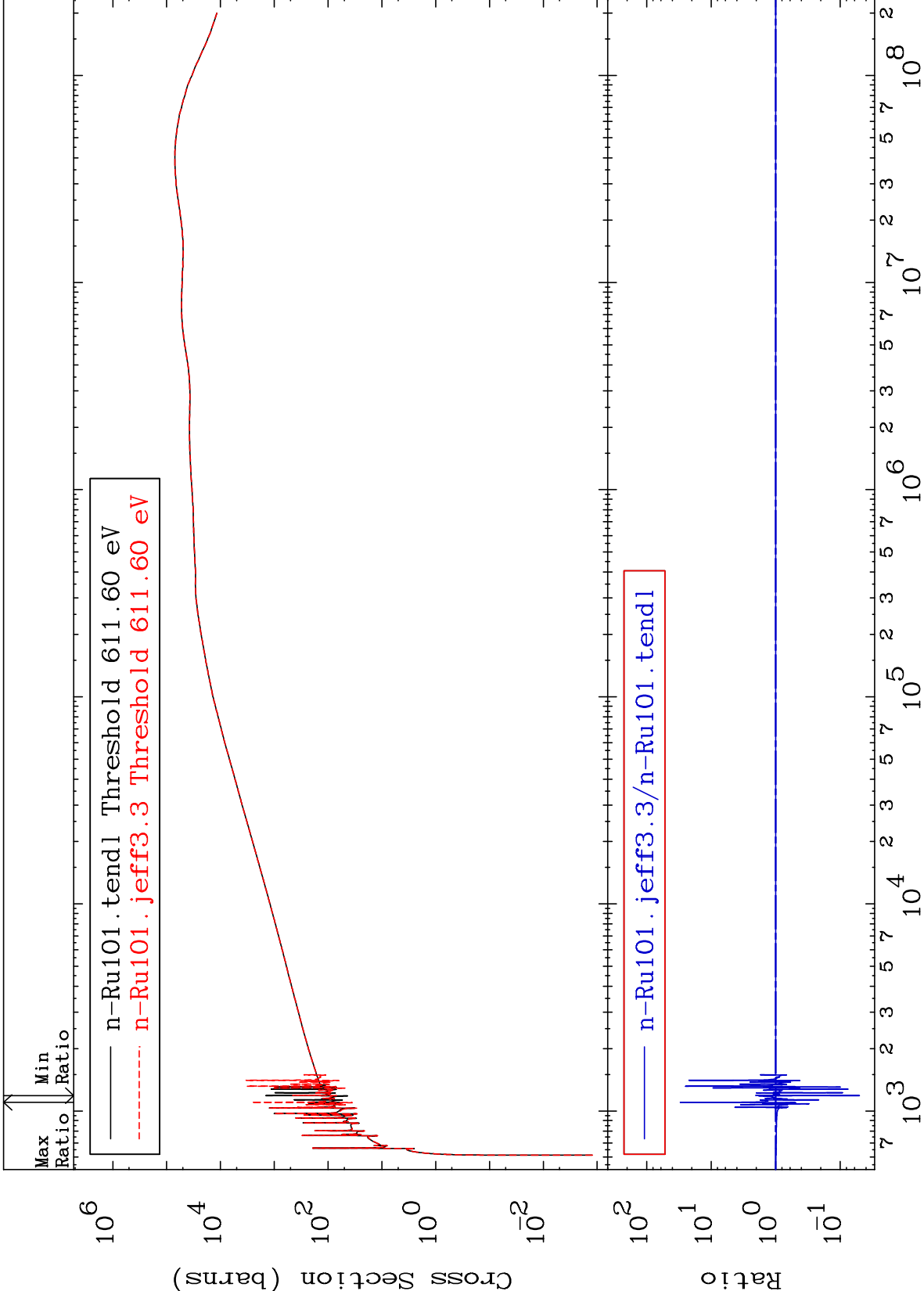
MAT 4440

Dpa elastic (mt2)

44-Ru-101

-94.94 To 2924. %

Cross Section



77

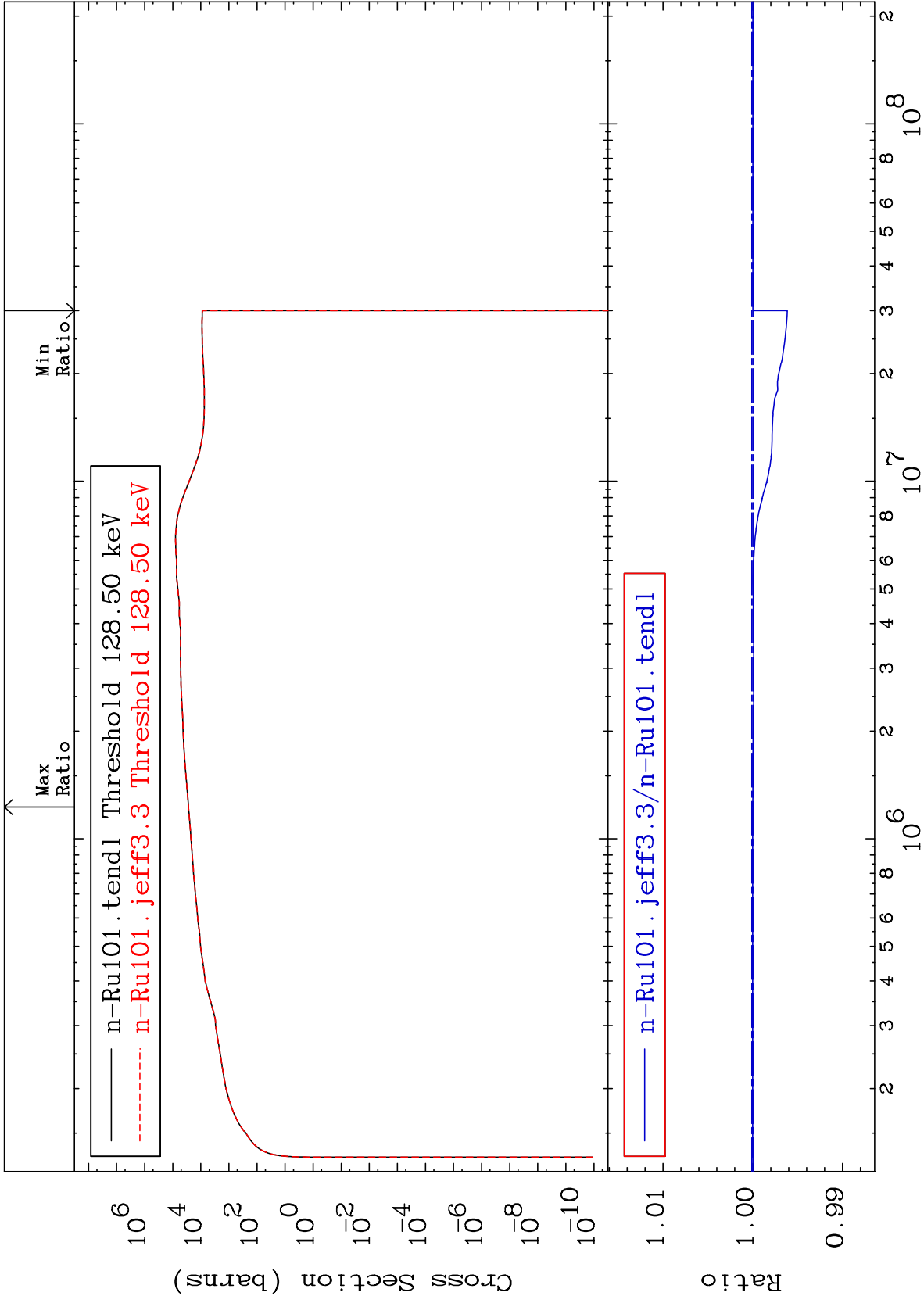
MAT 4440

Dpa inelastic (mt51-91)

44-Ru-101

Cross Section

-0.384 To 0.002 %



78

Incident Energy (eV)

44-Ru-101

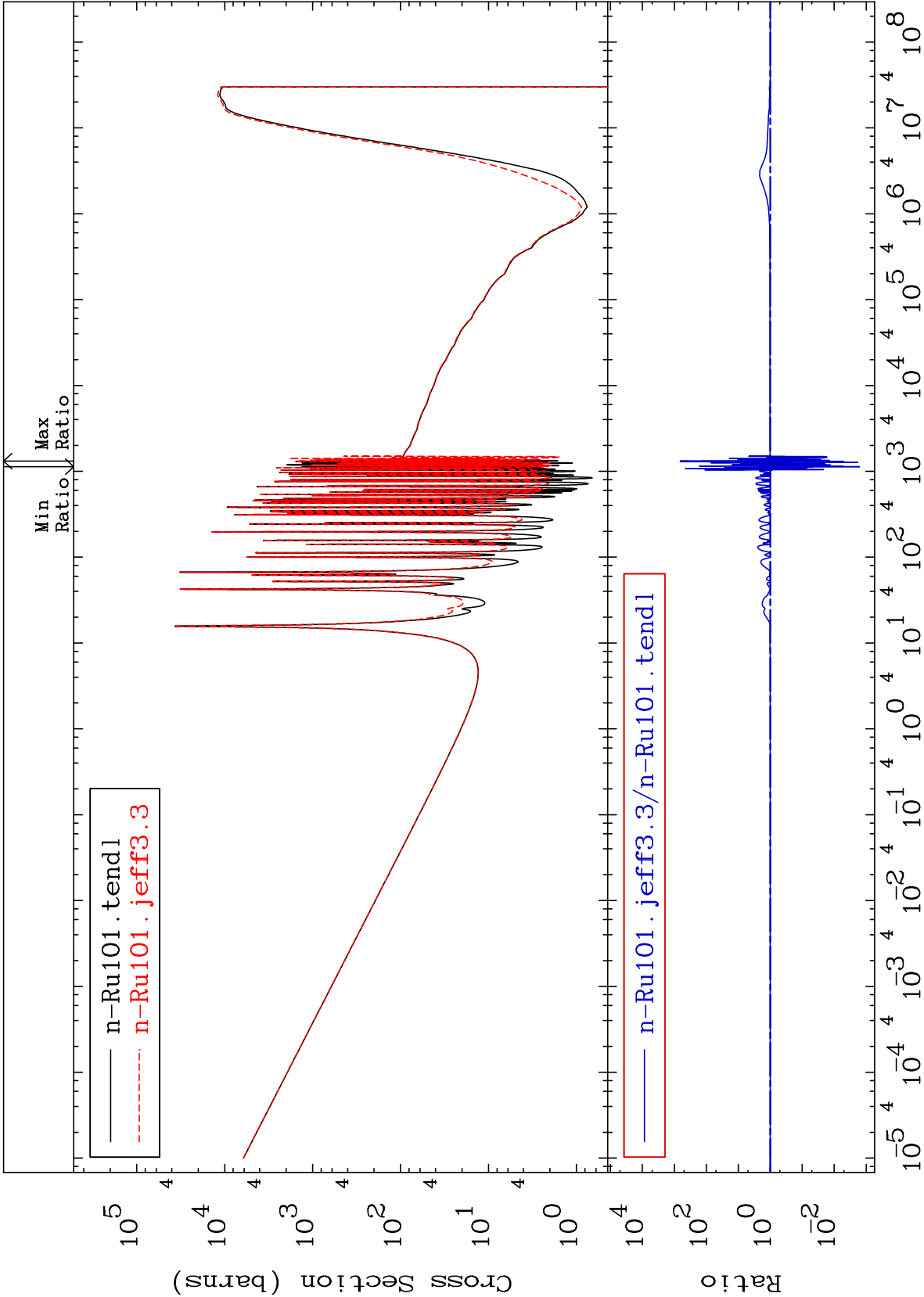
MAT 4440

Dpa disappearance (mt102 -120)

44-Ru-101

Cross Section

-99.84 To 9999. %



79

Incident Energy (eV)

44-Ru-101

