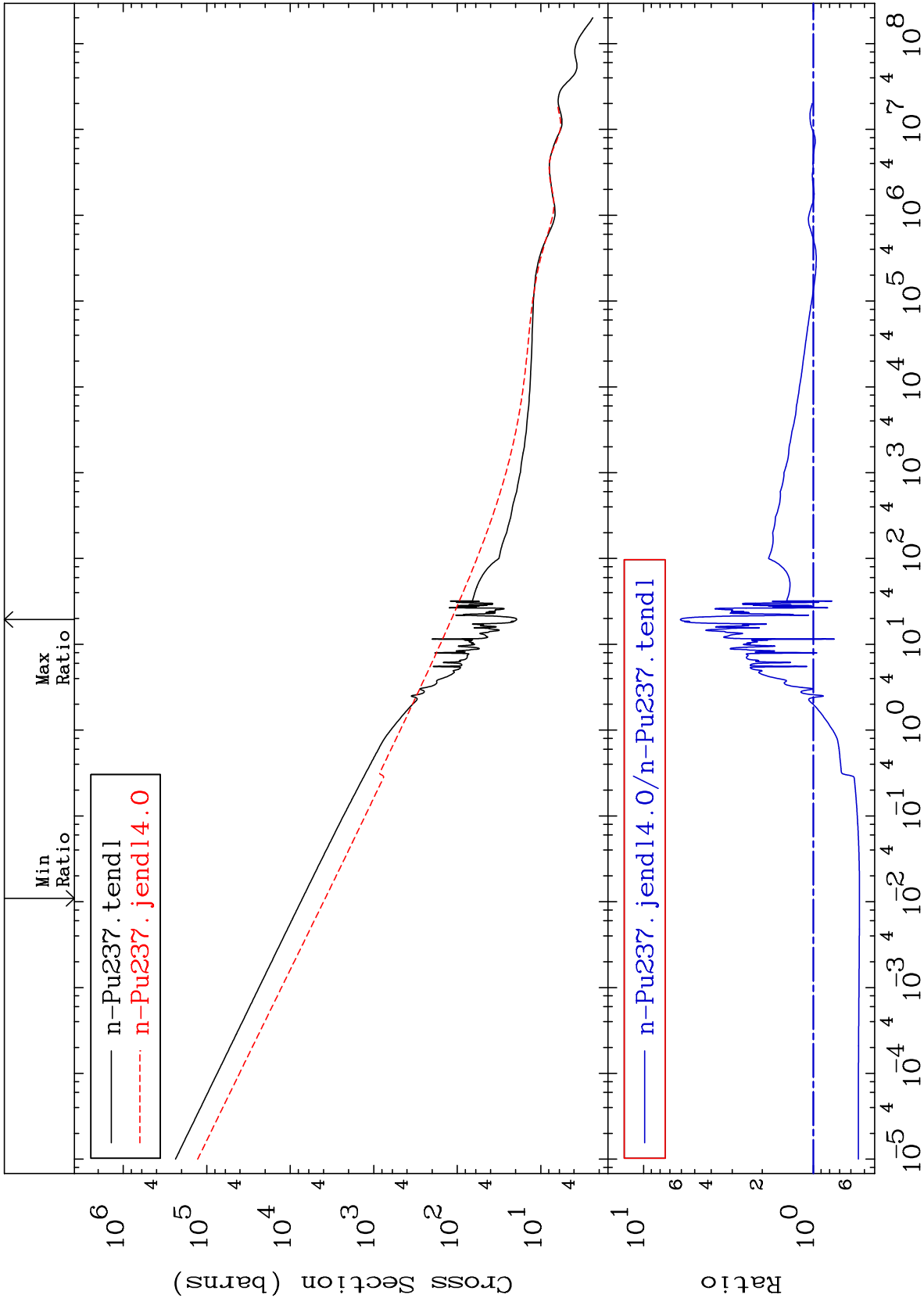


MAT 9431

94-Pu-237

-46.56 To 507.4 %

Total
Cross Section



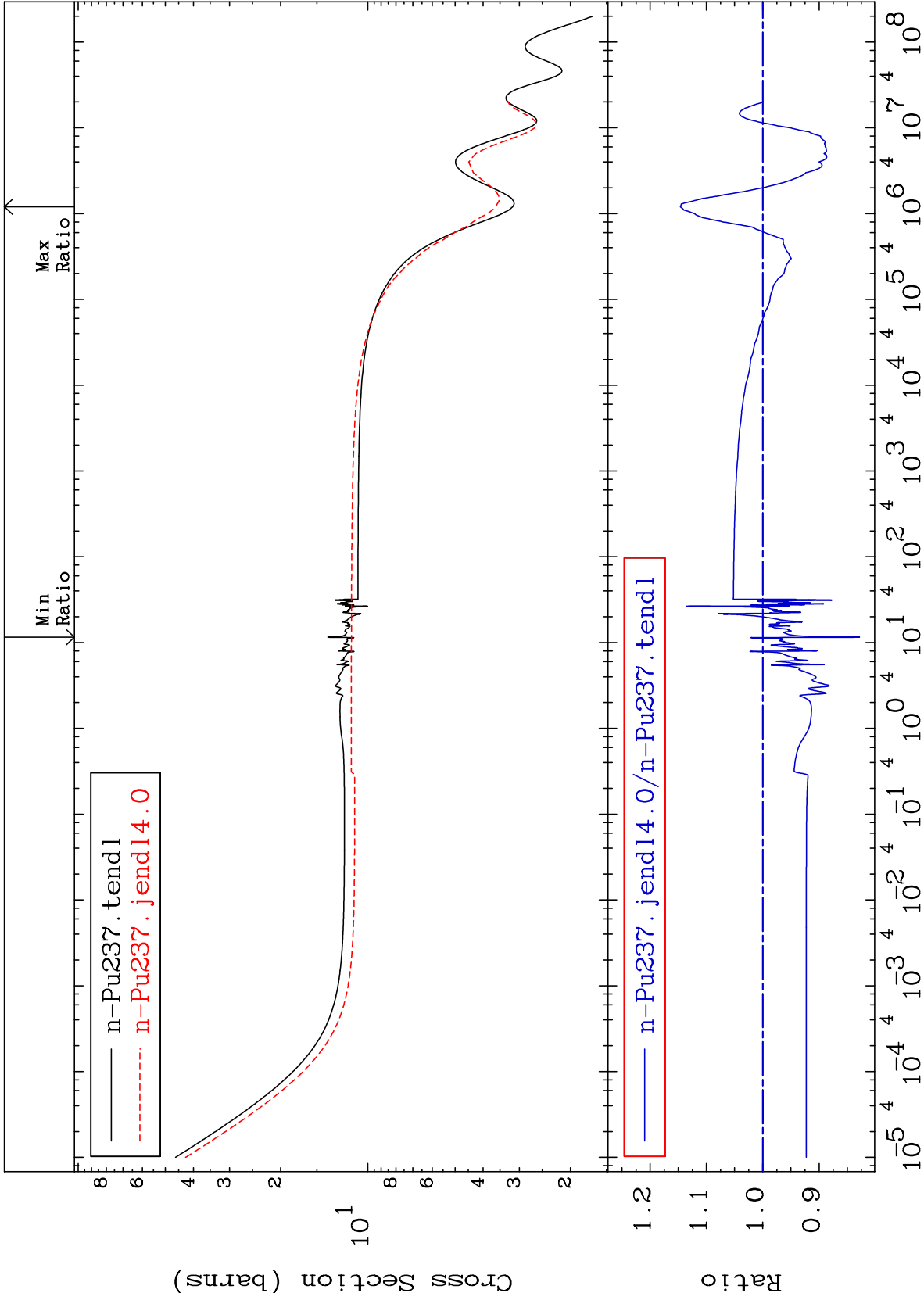
MAT 9431

Elastic

94-Pu-237

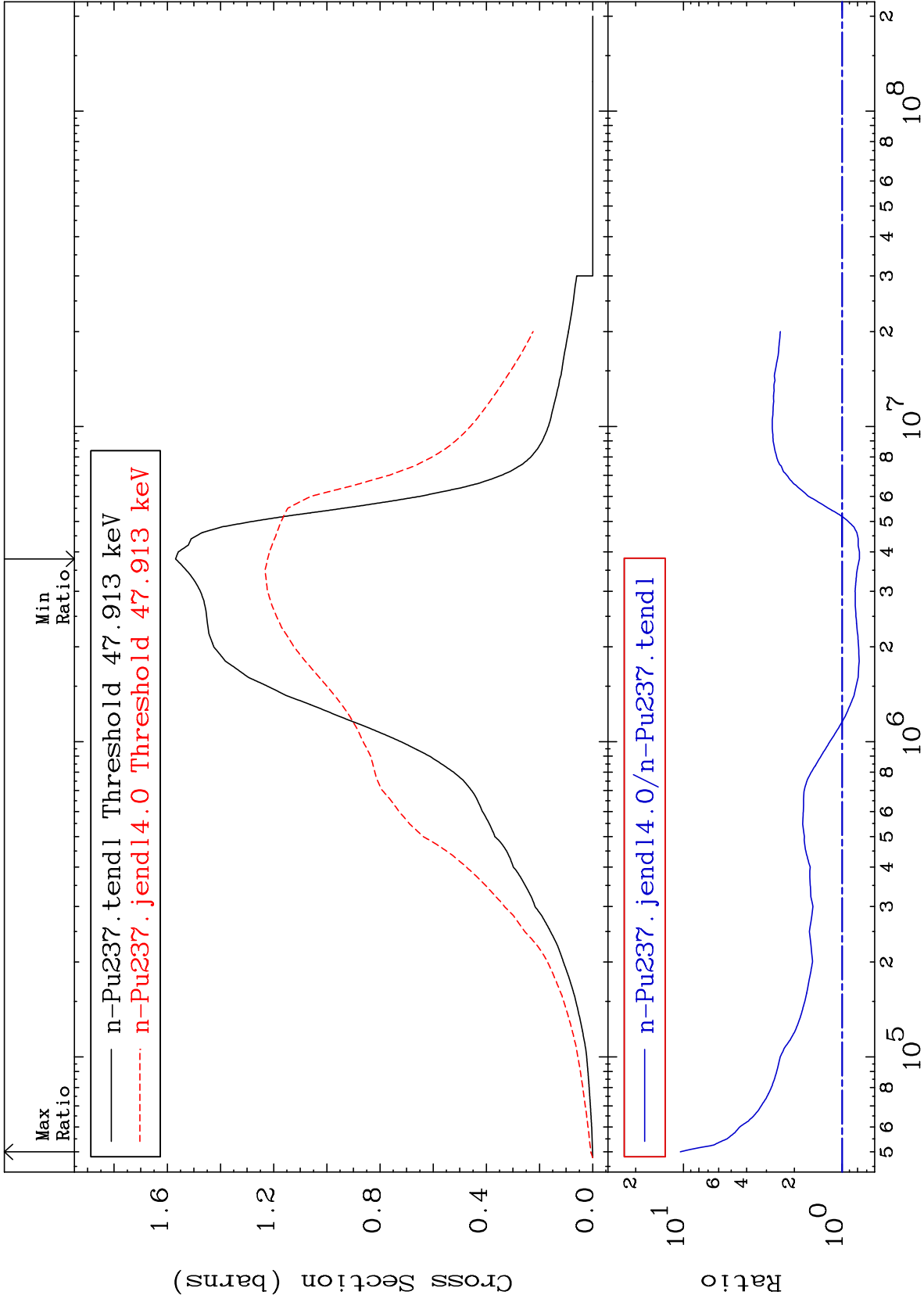
Cross Section

-17.16 To 14.63 %



Incident Energy (eV)

94-Pu-237

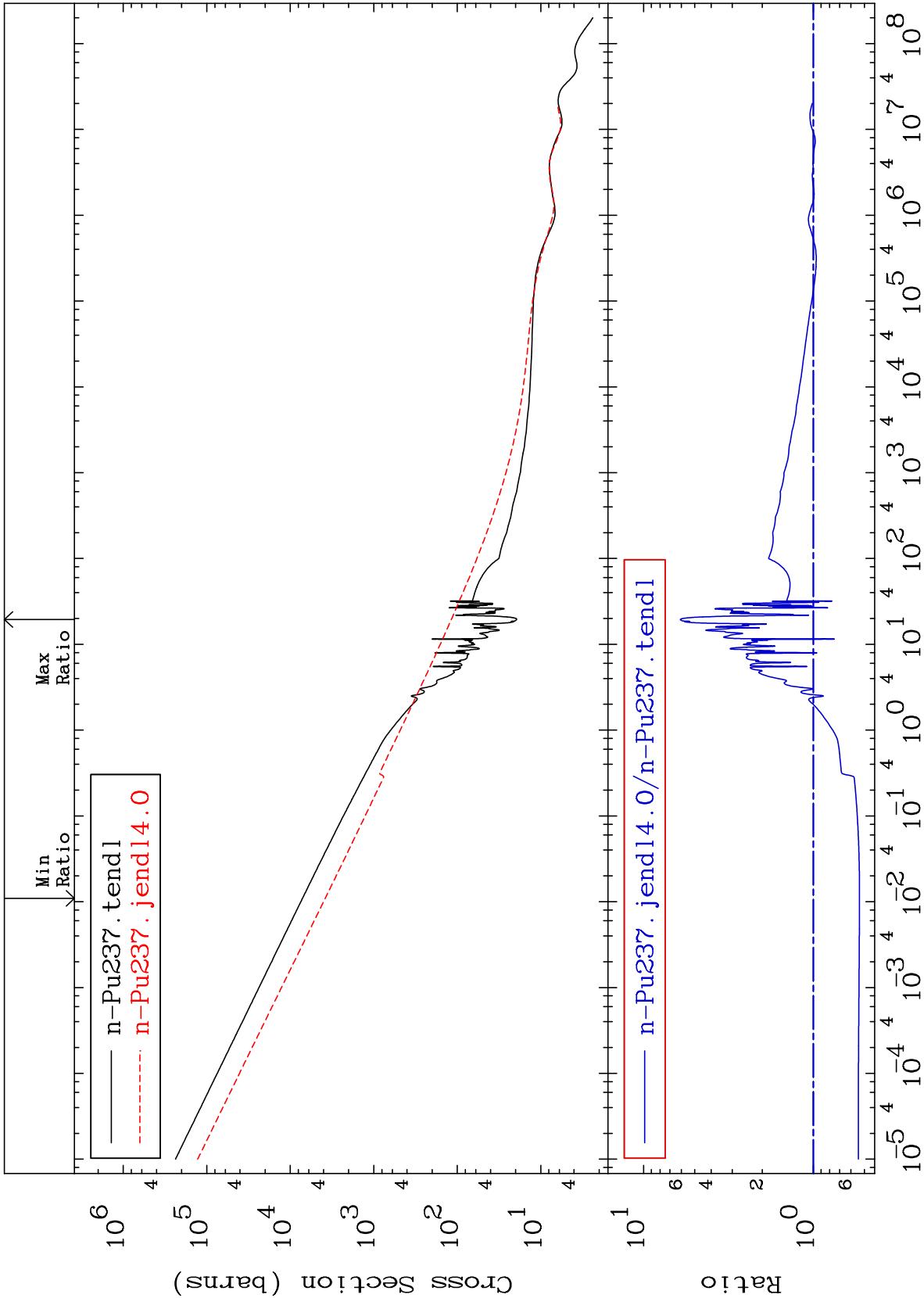


MAT 9431

94-Pu-237

-46.56 To 507.4 %

Total
Cross Section



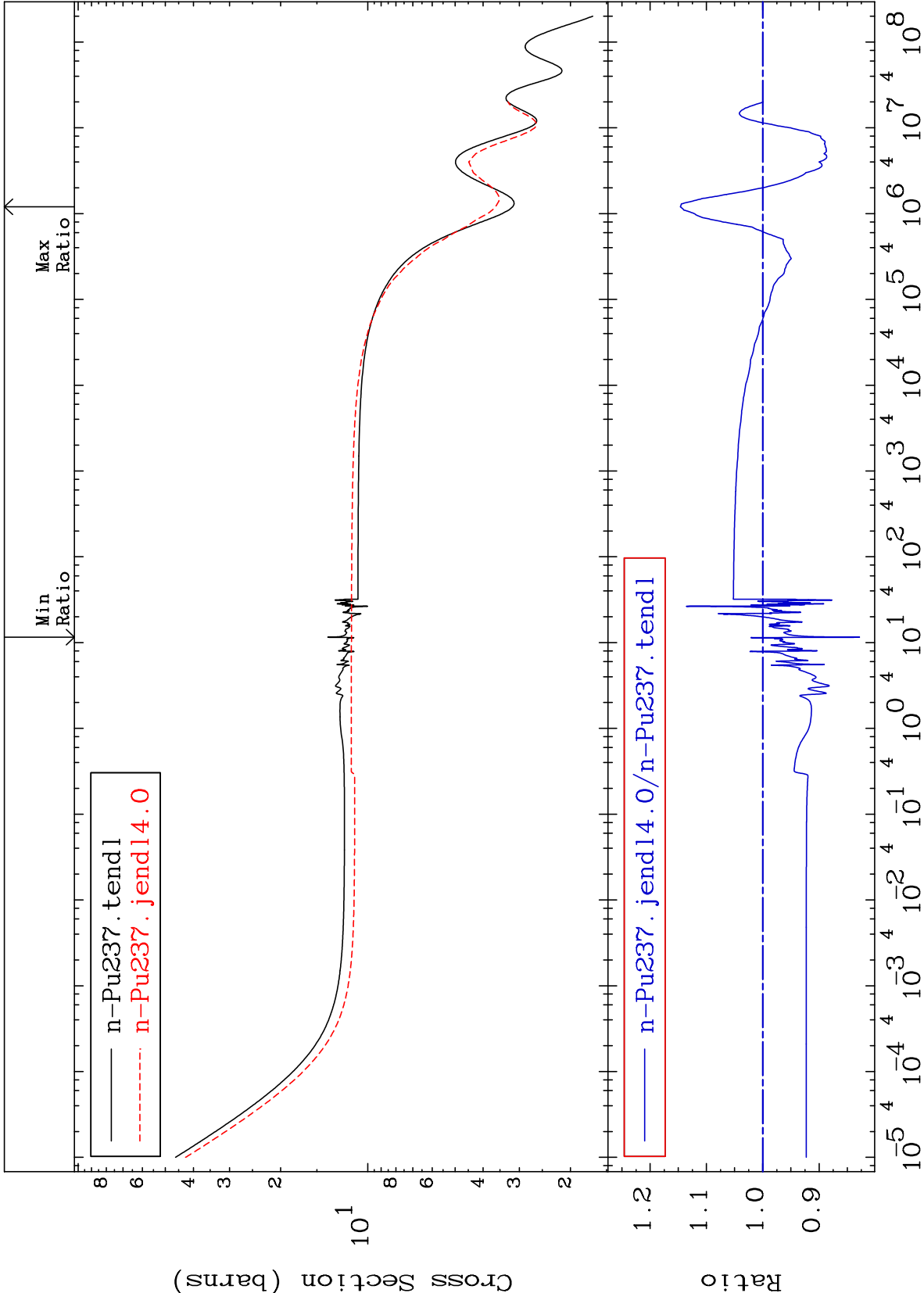
MAT 9431

Elastic

⁹⁴Pu-²³⁷

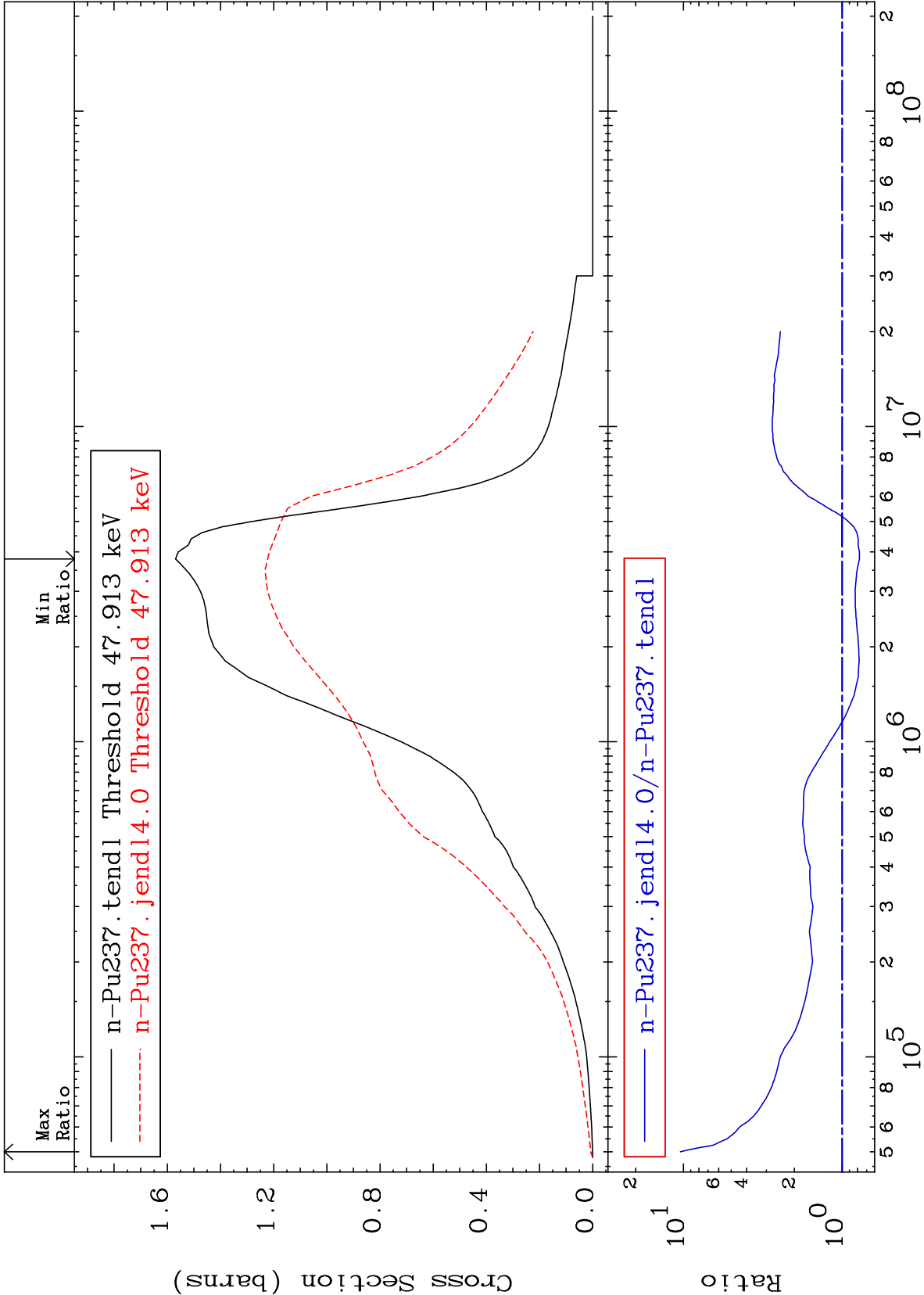
Cross Section

-17.16 To 14.63 %



Incident Energy (eV)

⁹⁴Pu-²³⁷



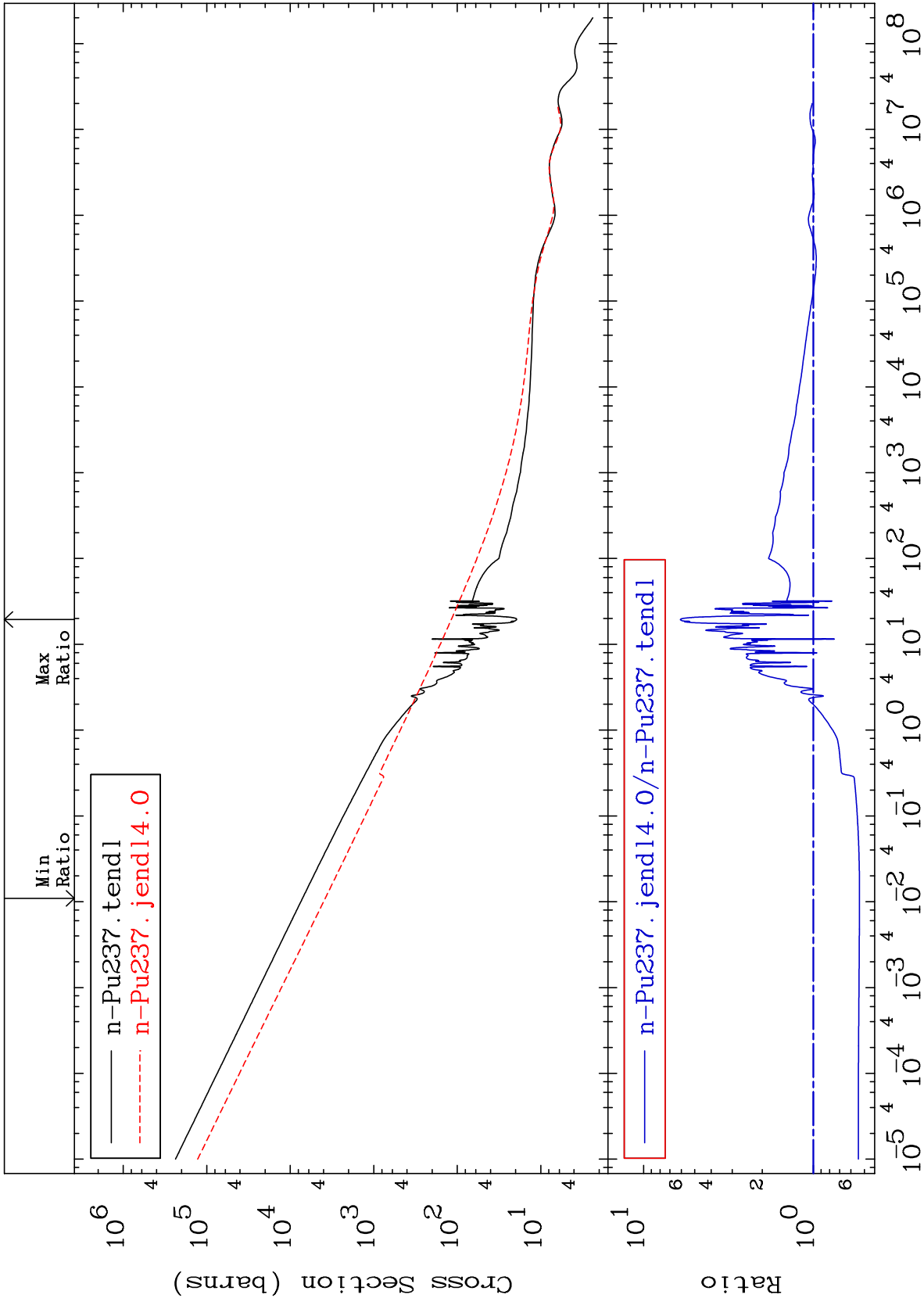
MAT 9431

Total

94-Pu-237

Cross Section

-46.56 To 507.4 %



Incident Energy (eV)

94-Pu-237

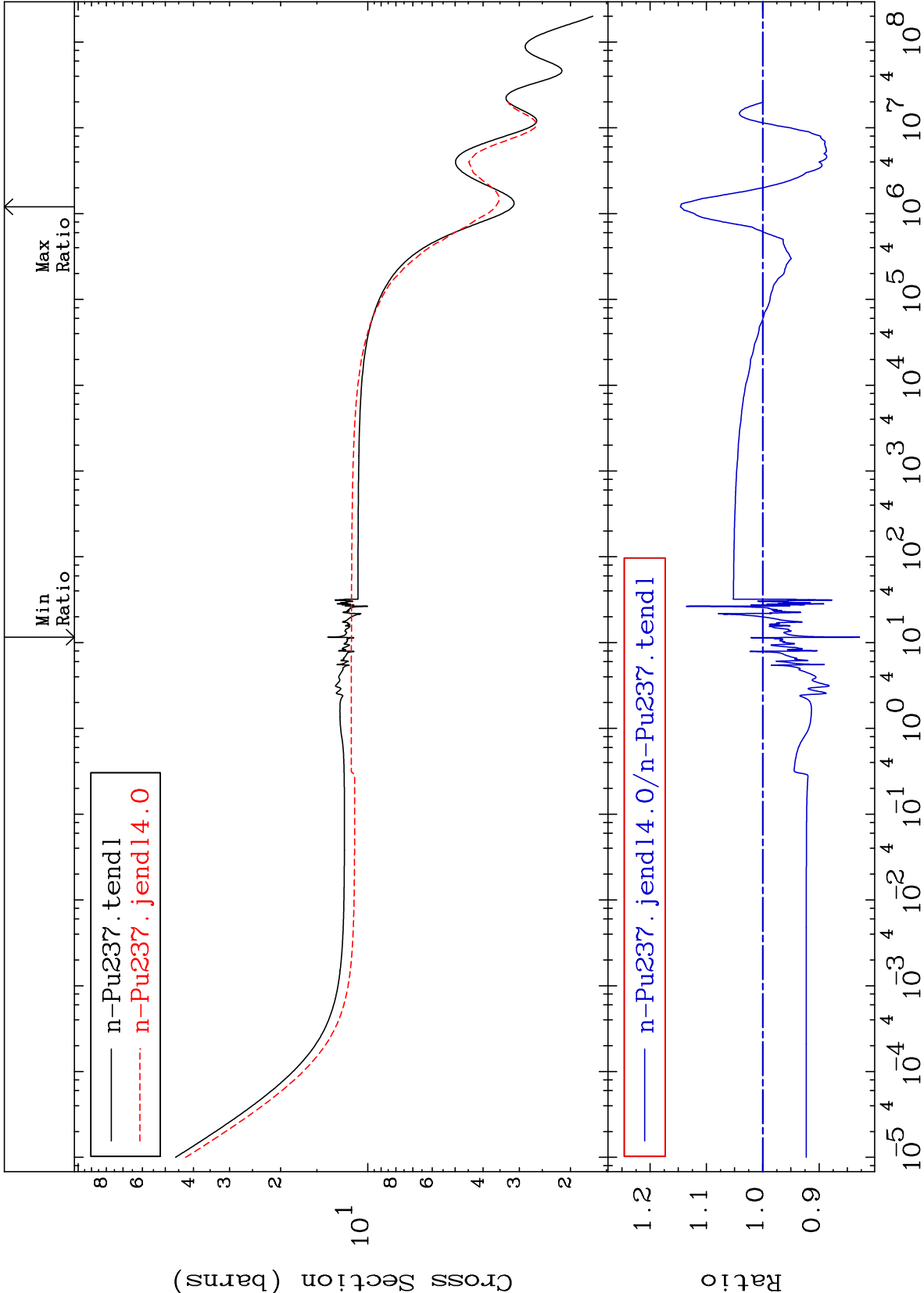
MAT 9431

Elastic

94-Pu-237

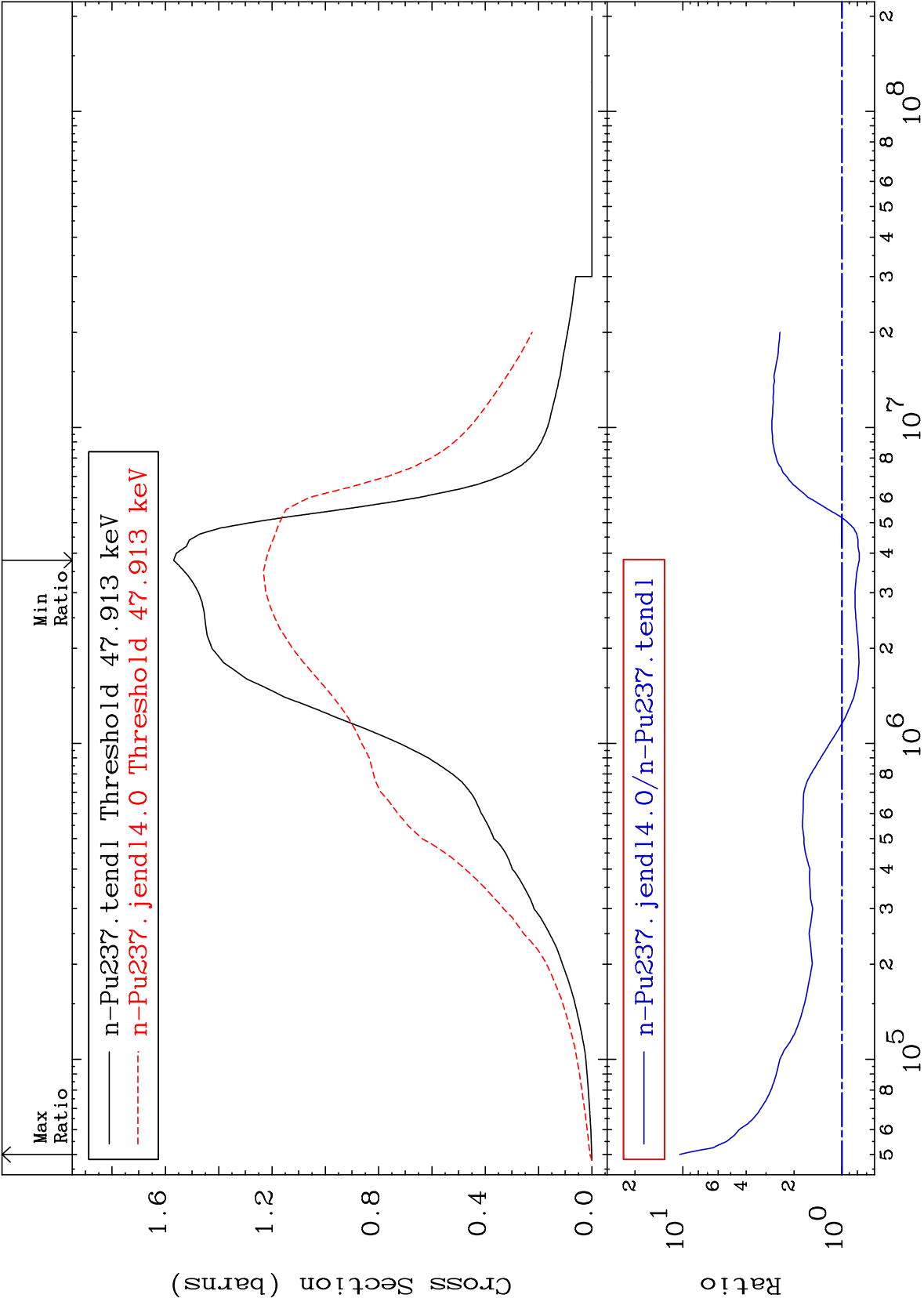
Cross Section

-17.16 To 14.63 %



Incident Energy (eV)

94-Pu-237



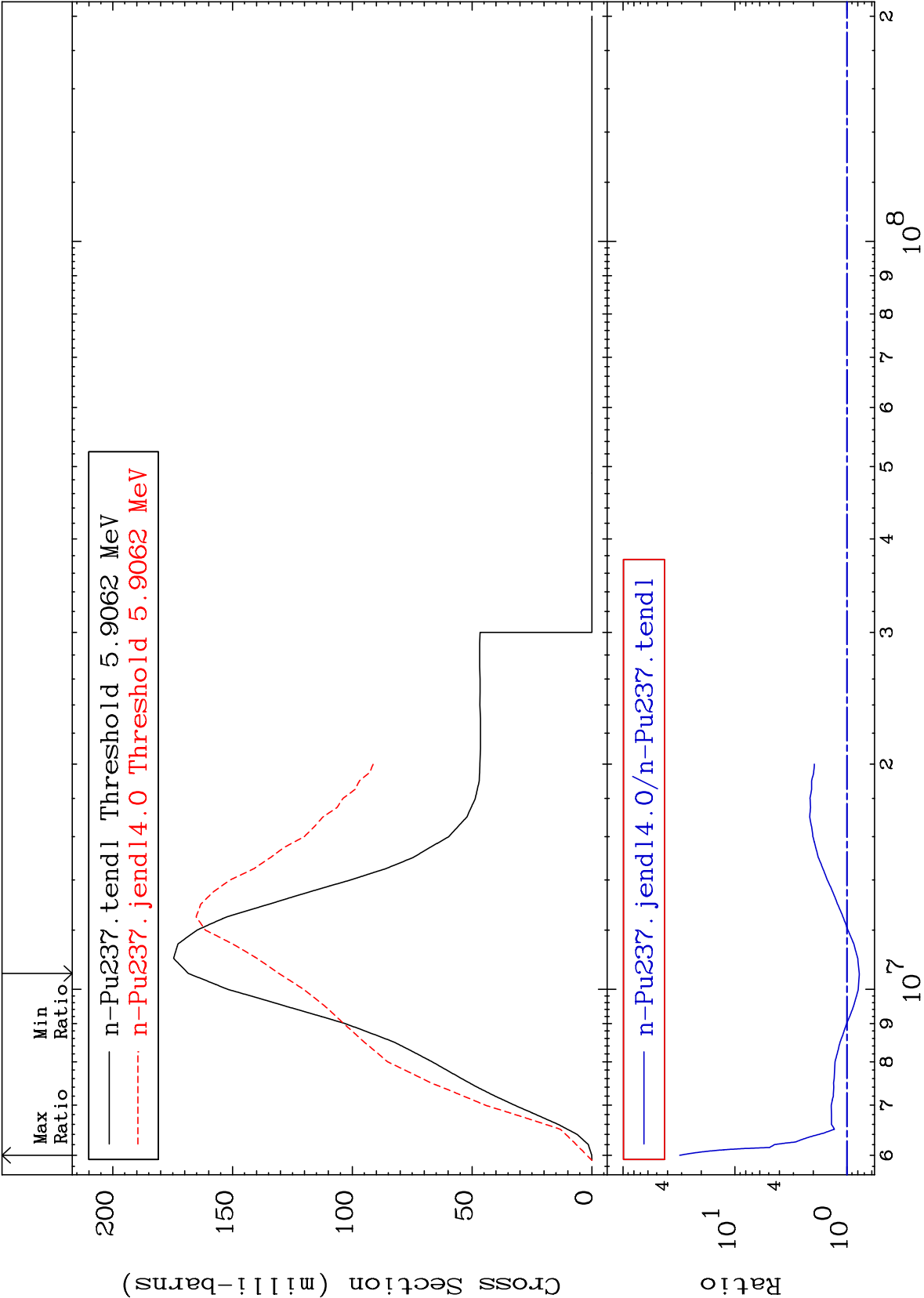
MAT 9431

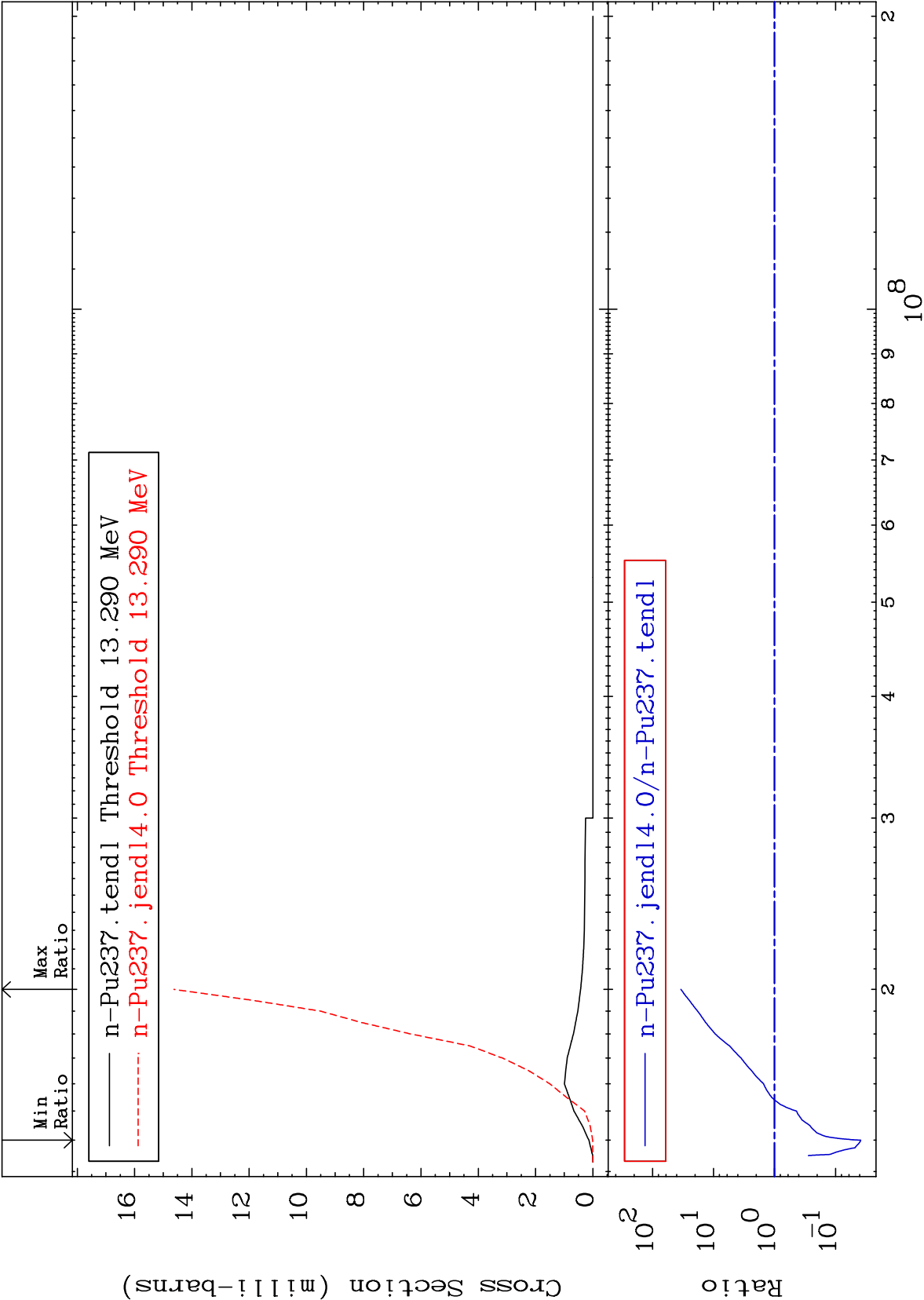
(n,2n)

94-Pu-237

Cross Section

-22.45 To 3013. %





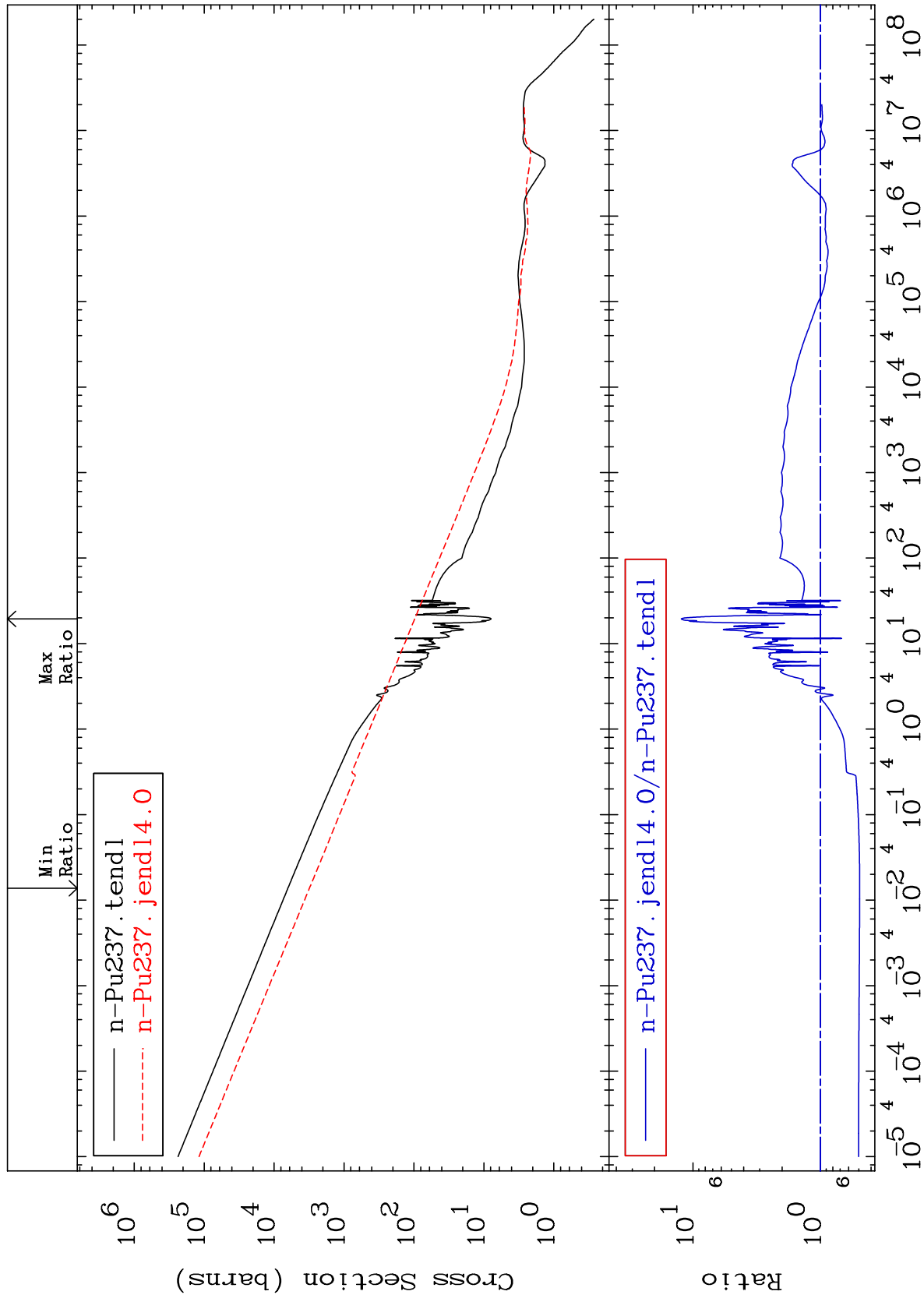
MAT 9431

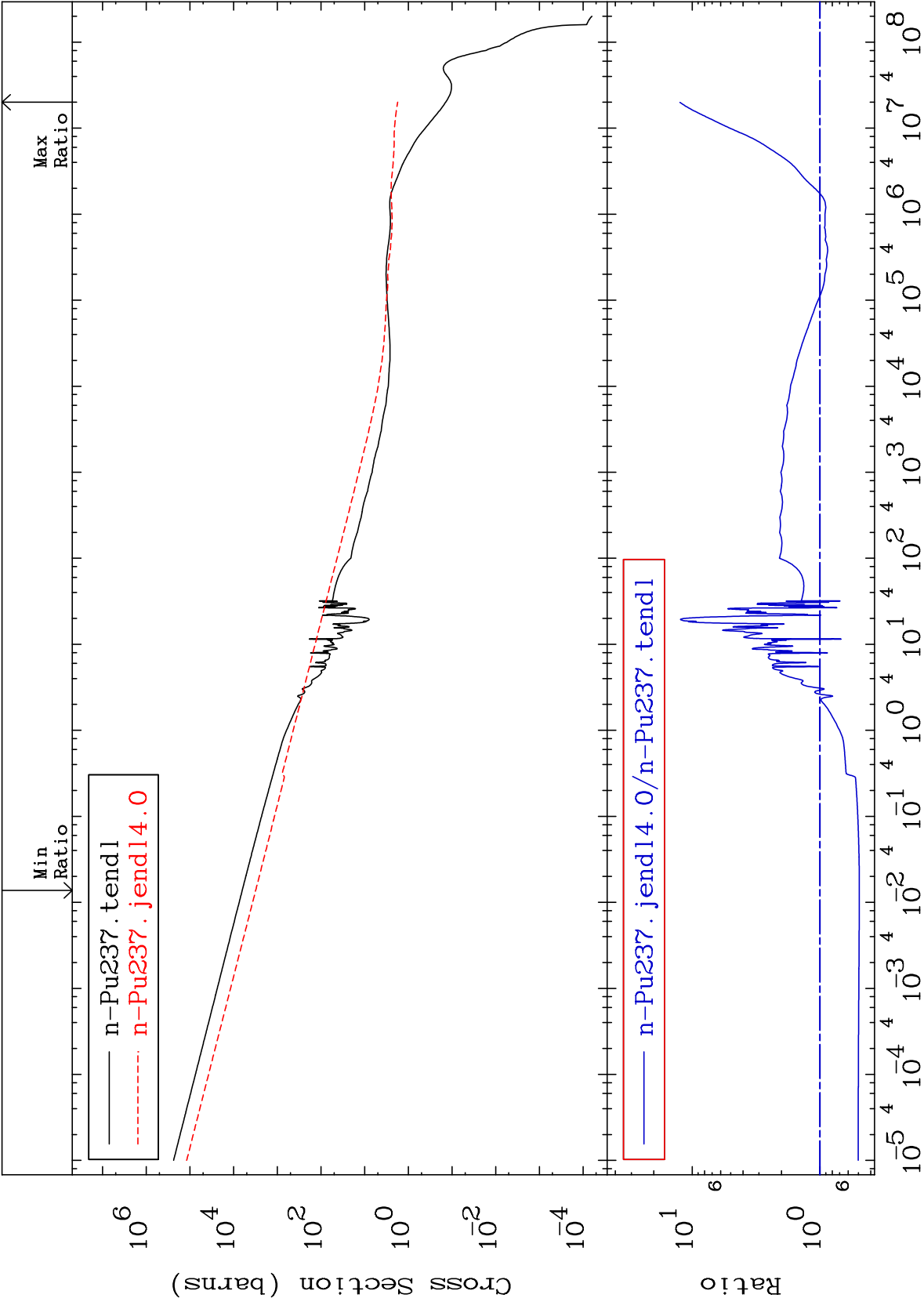
94-Pu-237

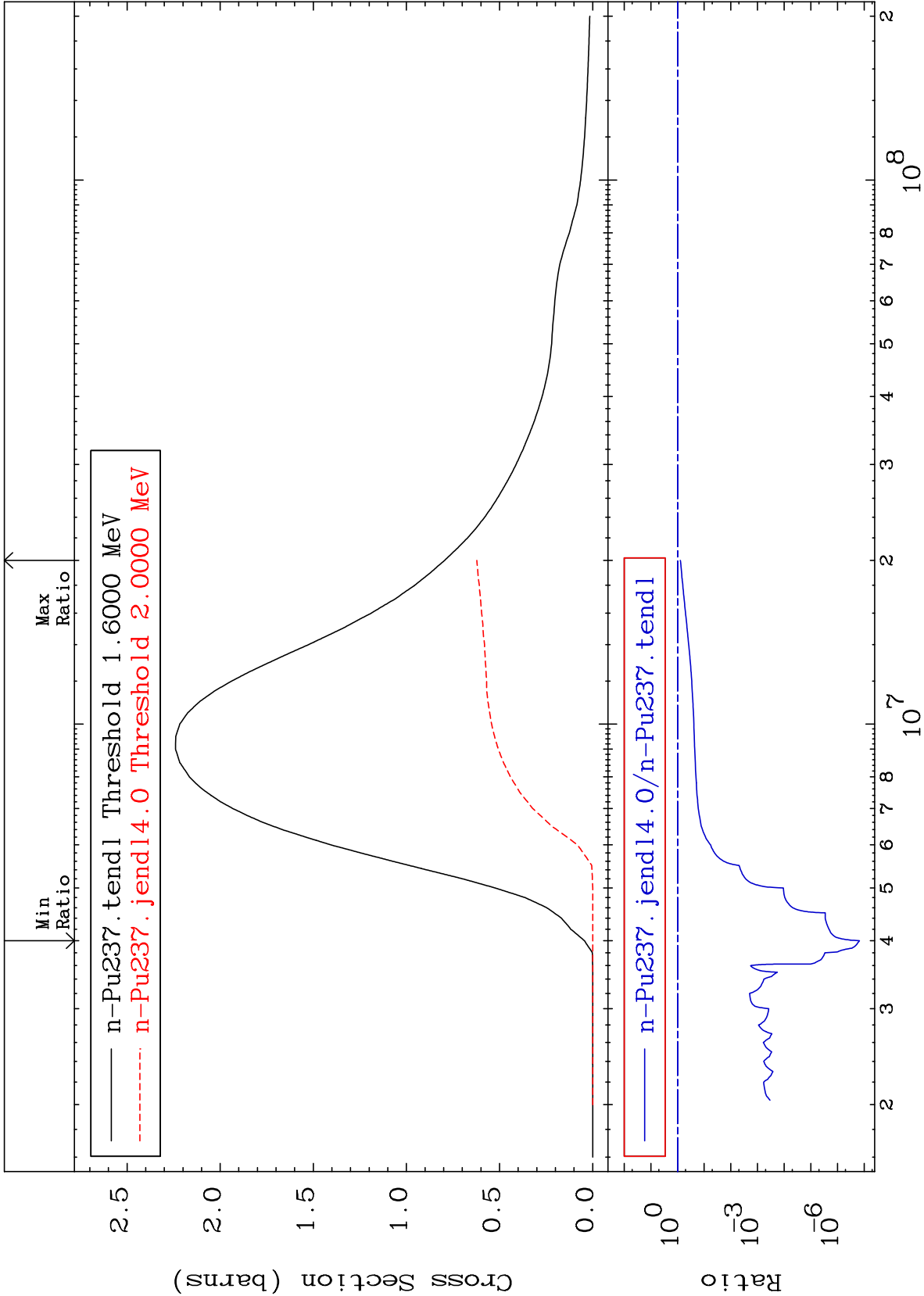
-50.81 To 1138. %

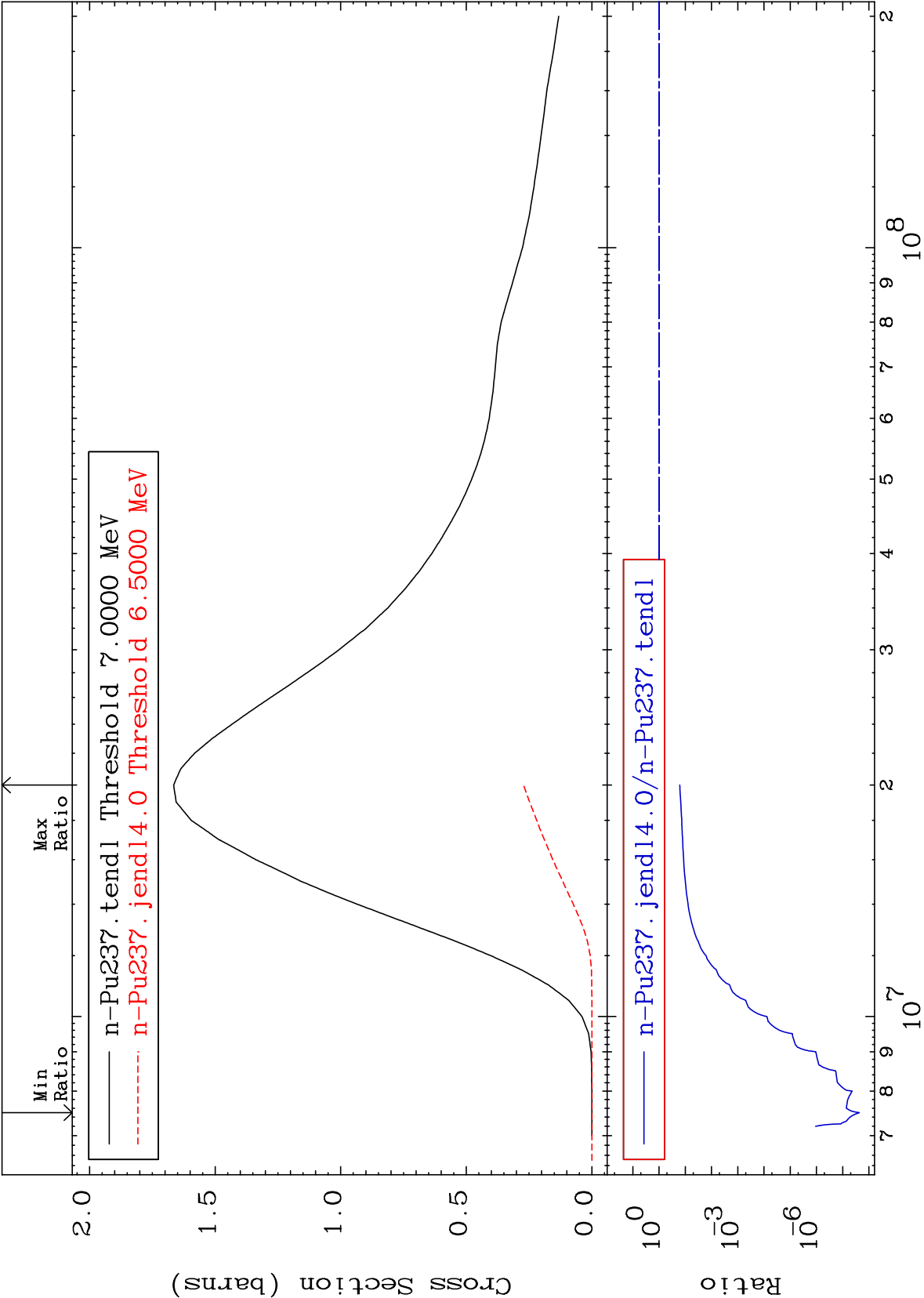
Fission

Cross Section





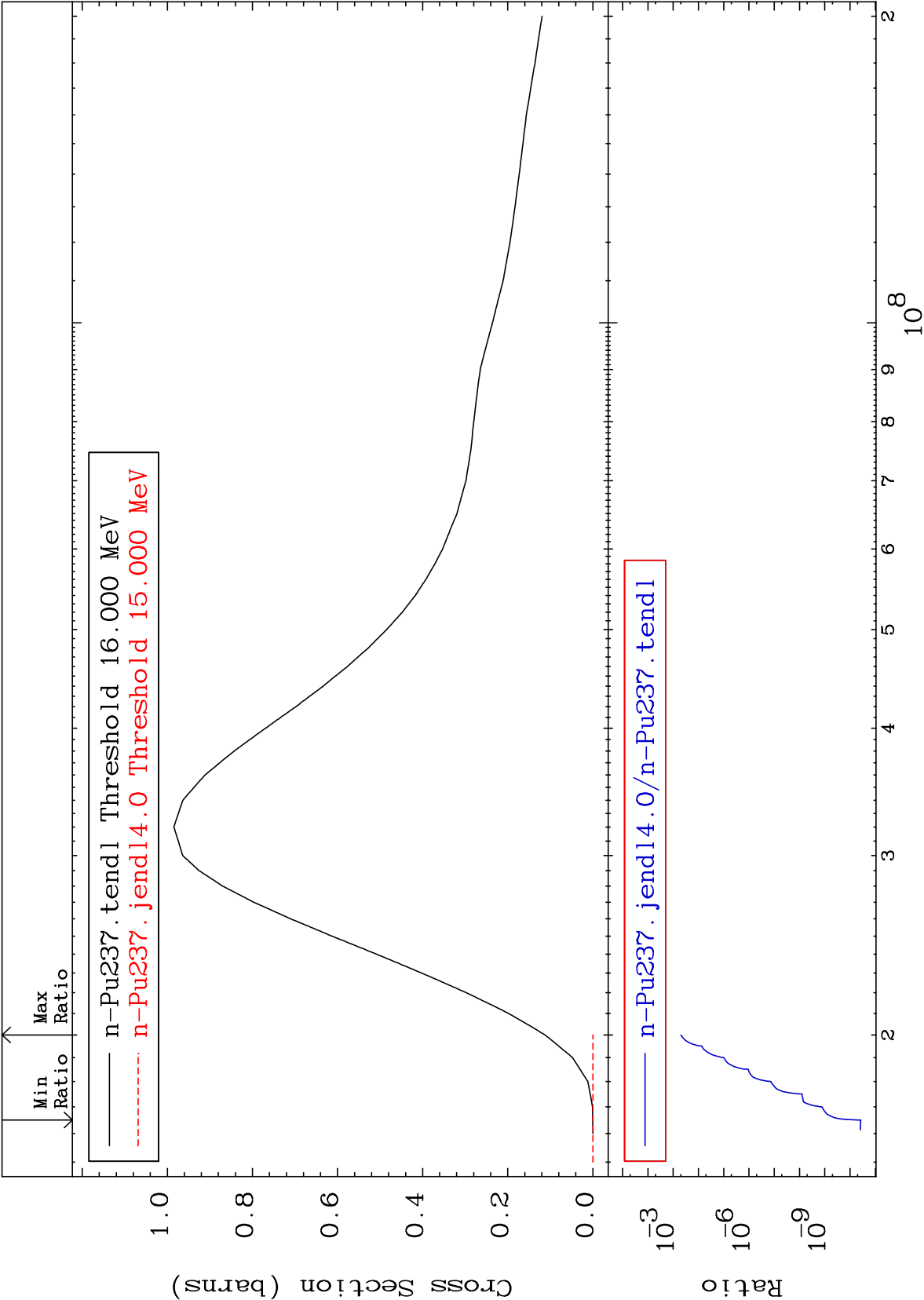




MAT 9431

(n,3nf) Fourth Chance
Cross Section

94-Pu-237
-100.0 To -99.95%



10

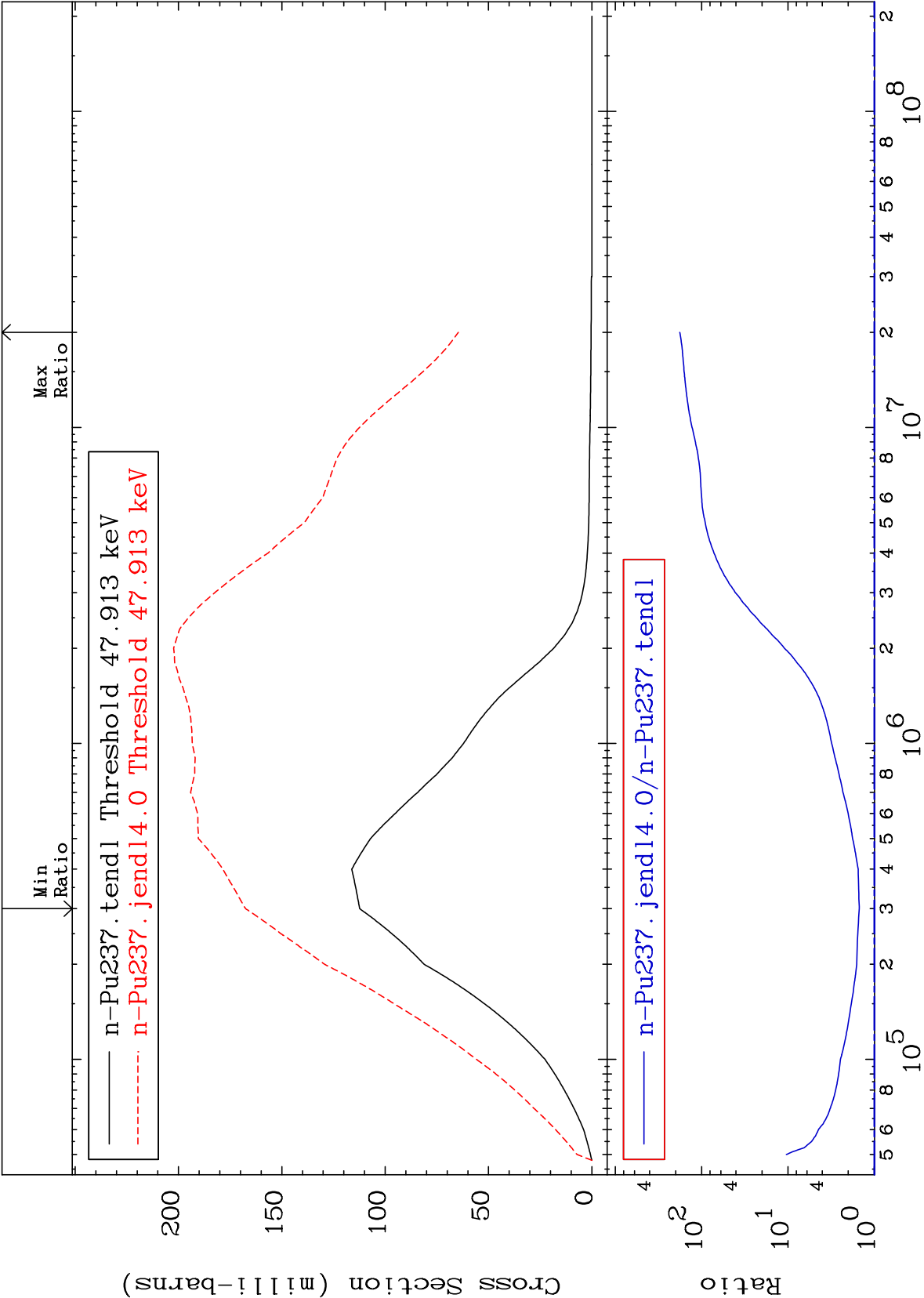
Incident Energy (eV)

94-Pu-237

MAT 9431

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

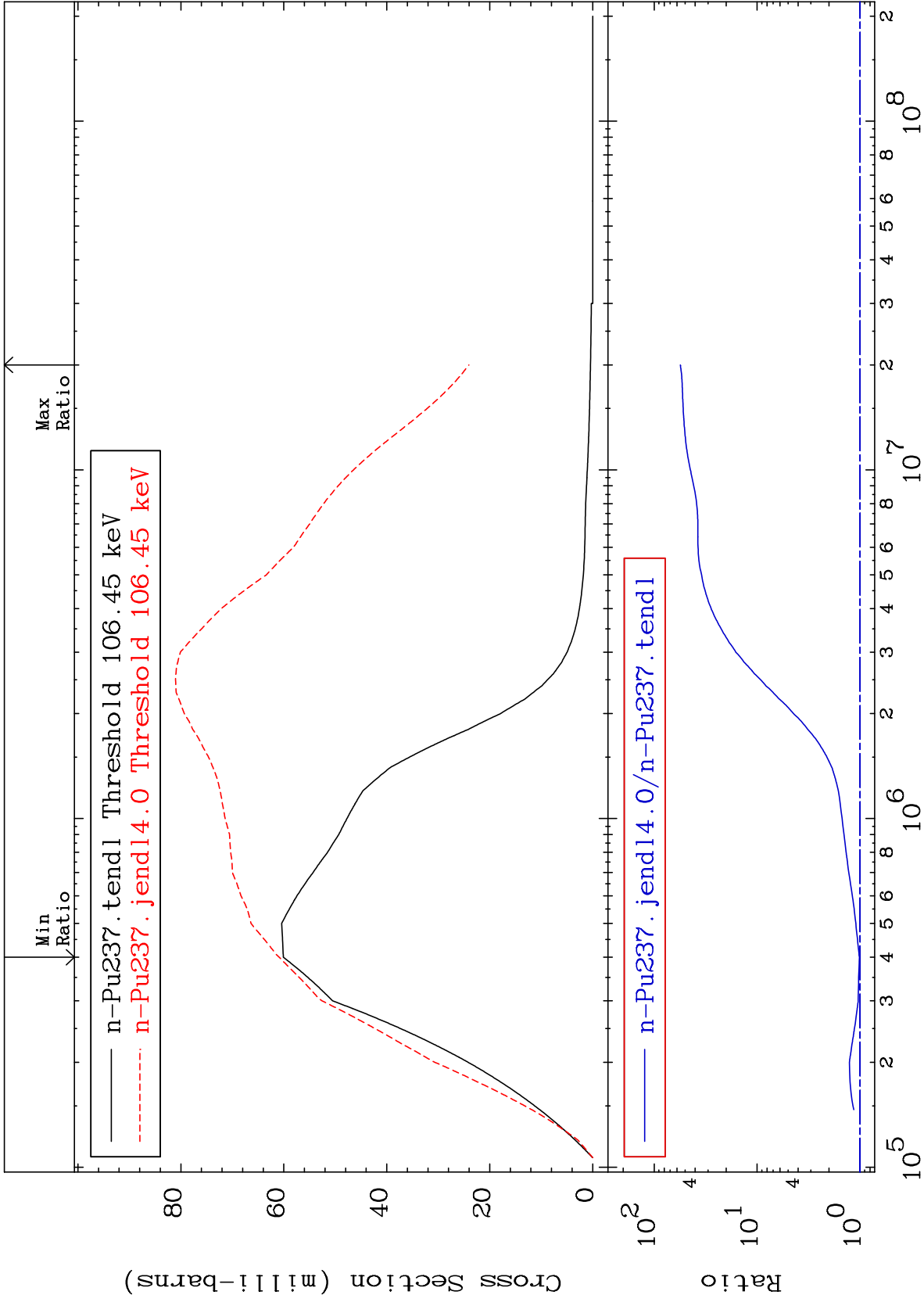
94-Pu-237
49.10 To 9999. %



MAT 9431

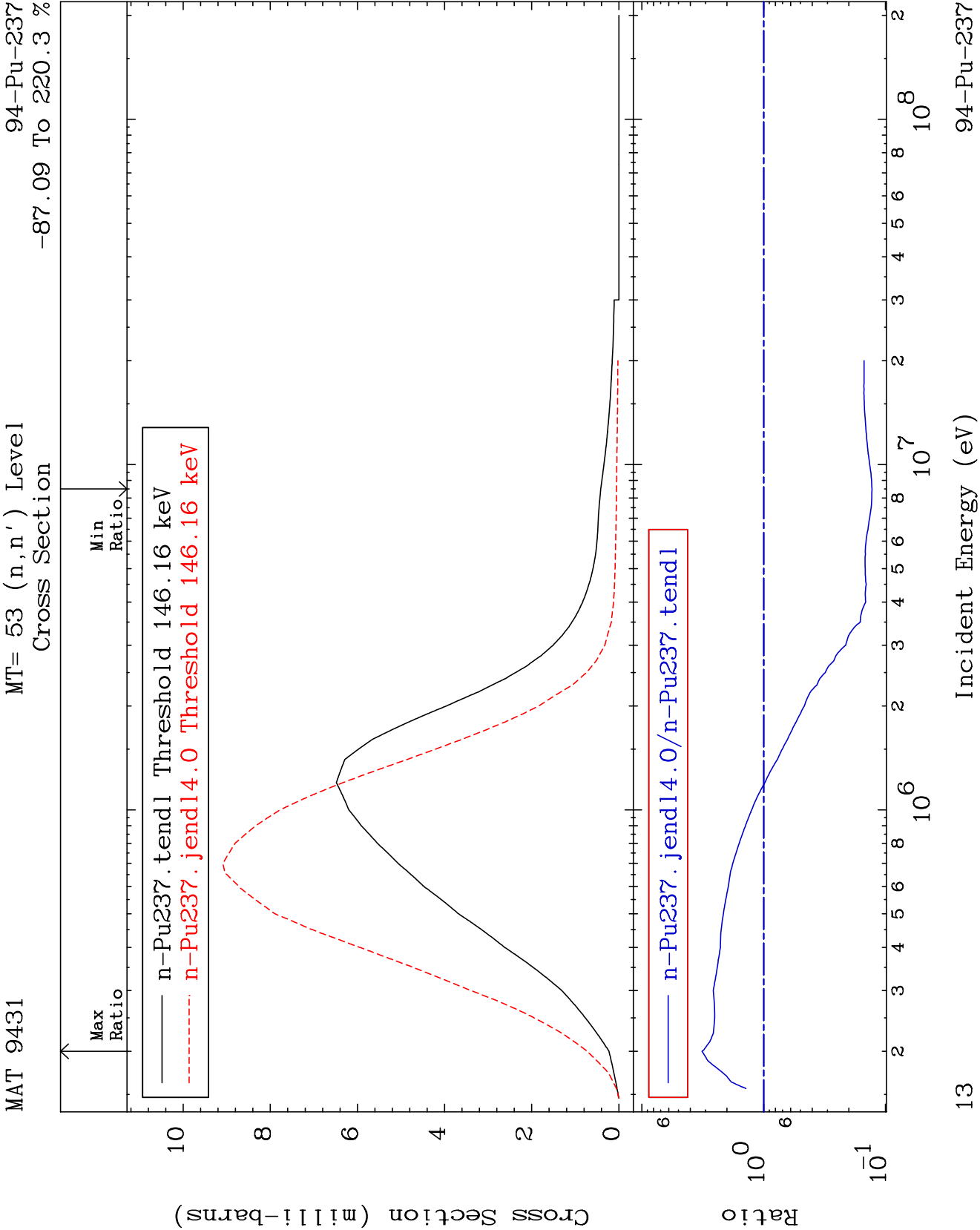
MT= 52 (n,n') Level
Cross Section

94-Pu-237
1.336 To 5472. %



Incident Energy (eV)

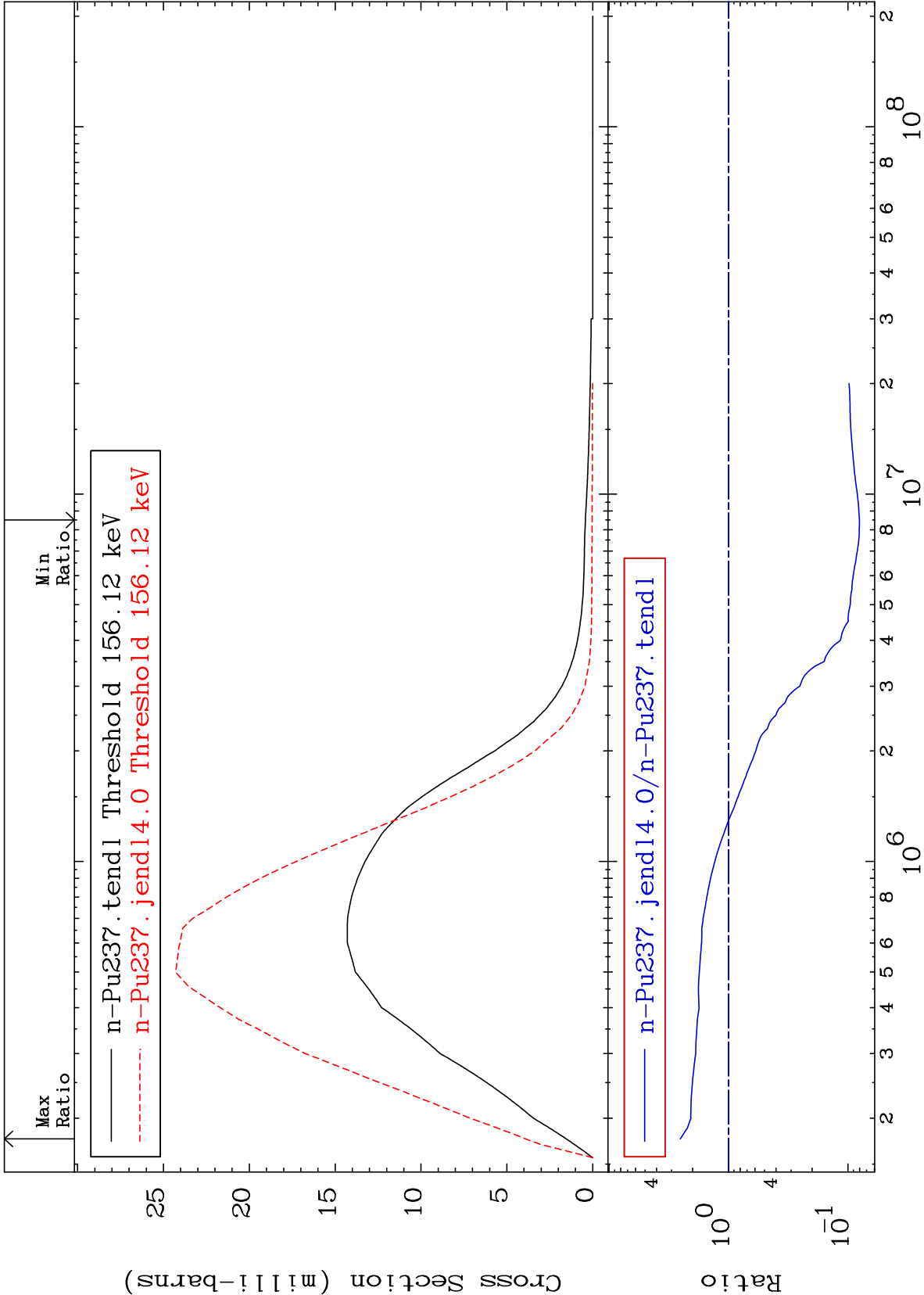
94-Pu-237



MAT 9431

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

94-Pu-237
-91.98 To 153.0 %



14

Incident Energy (eV)

94-Pu-237

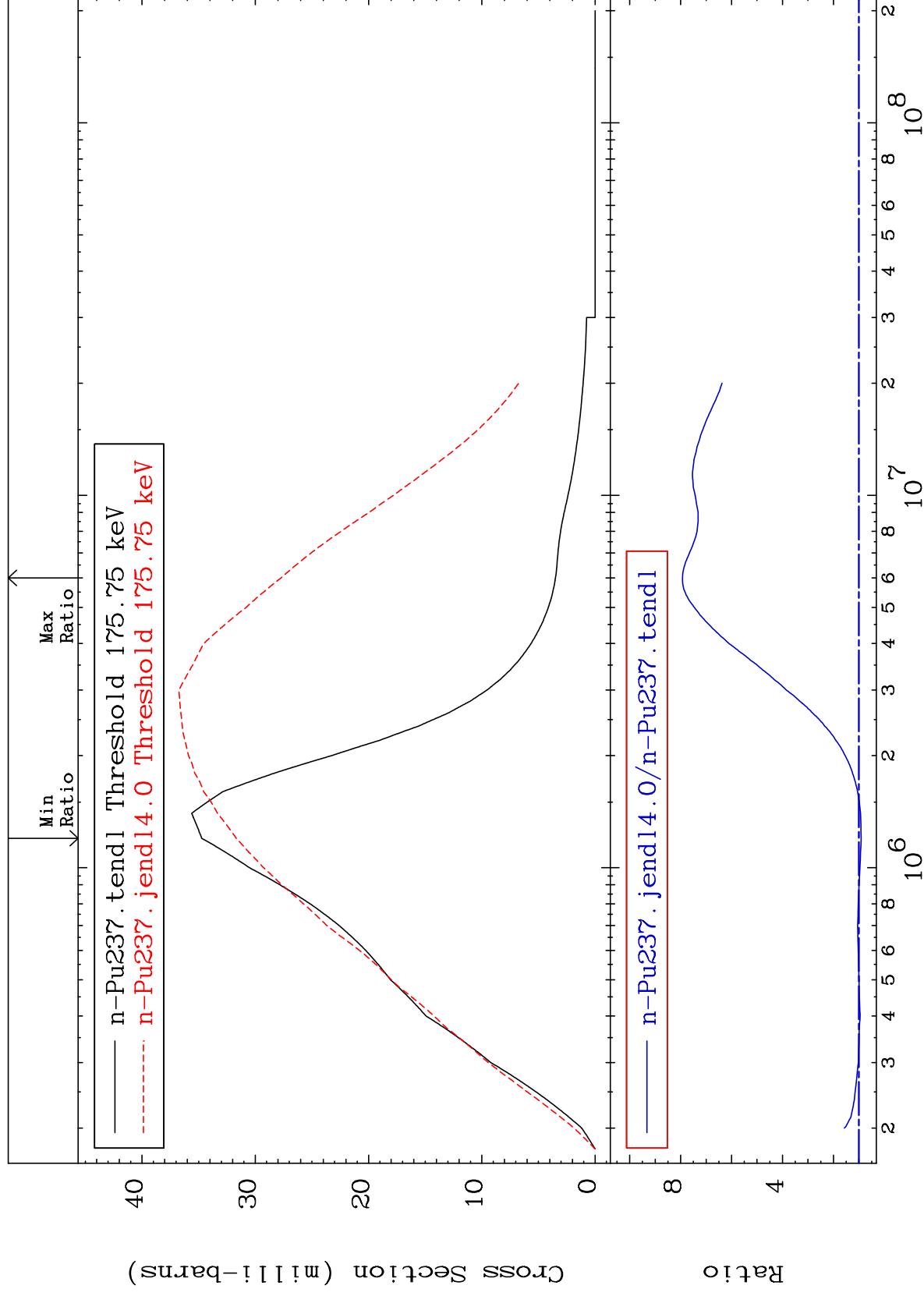
MAT 9431

MT=55 (n,n') Level

94-Pu-237

-8.763 To 692.6 %

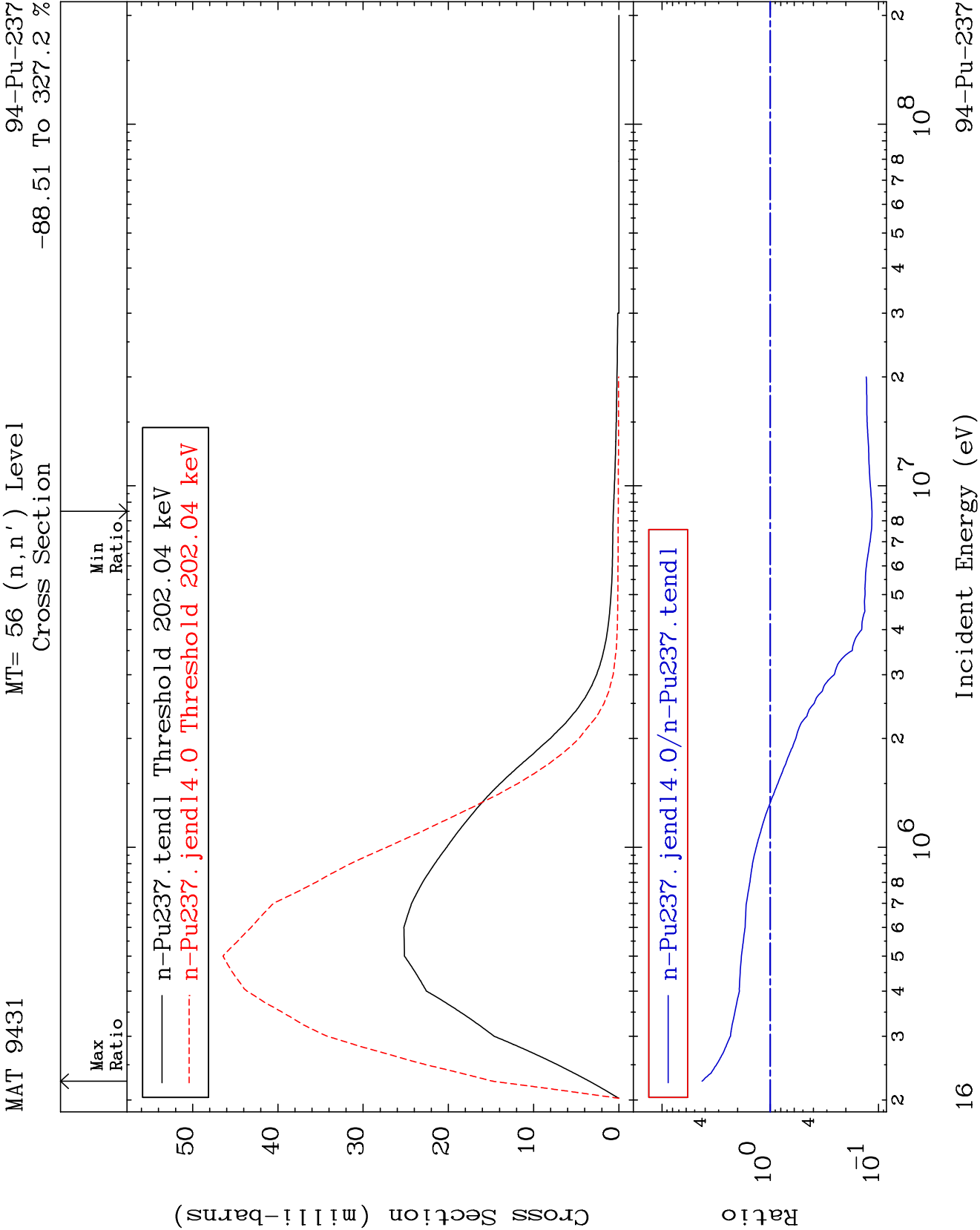
Cross Section



15

Incident Energy (eV)

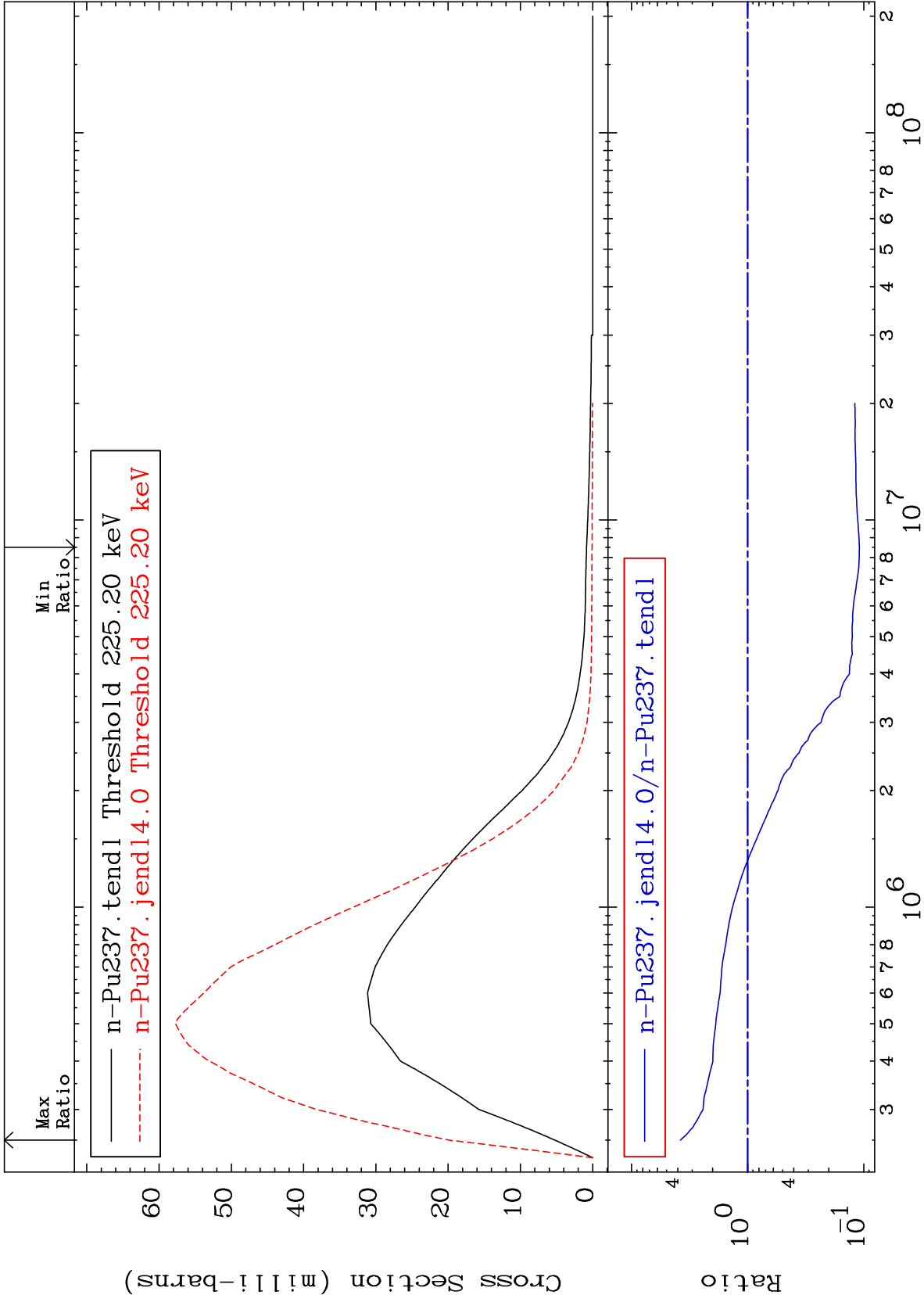
94-Pu-237



MAT 9431

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

94-Pu-237
-89.11 To 279.7 %



17

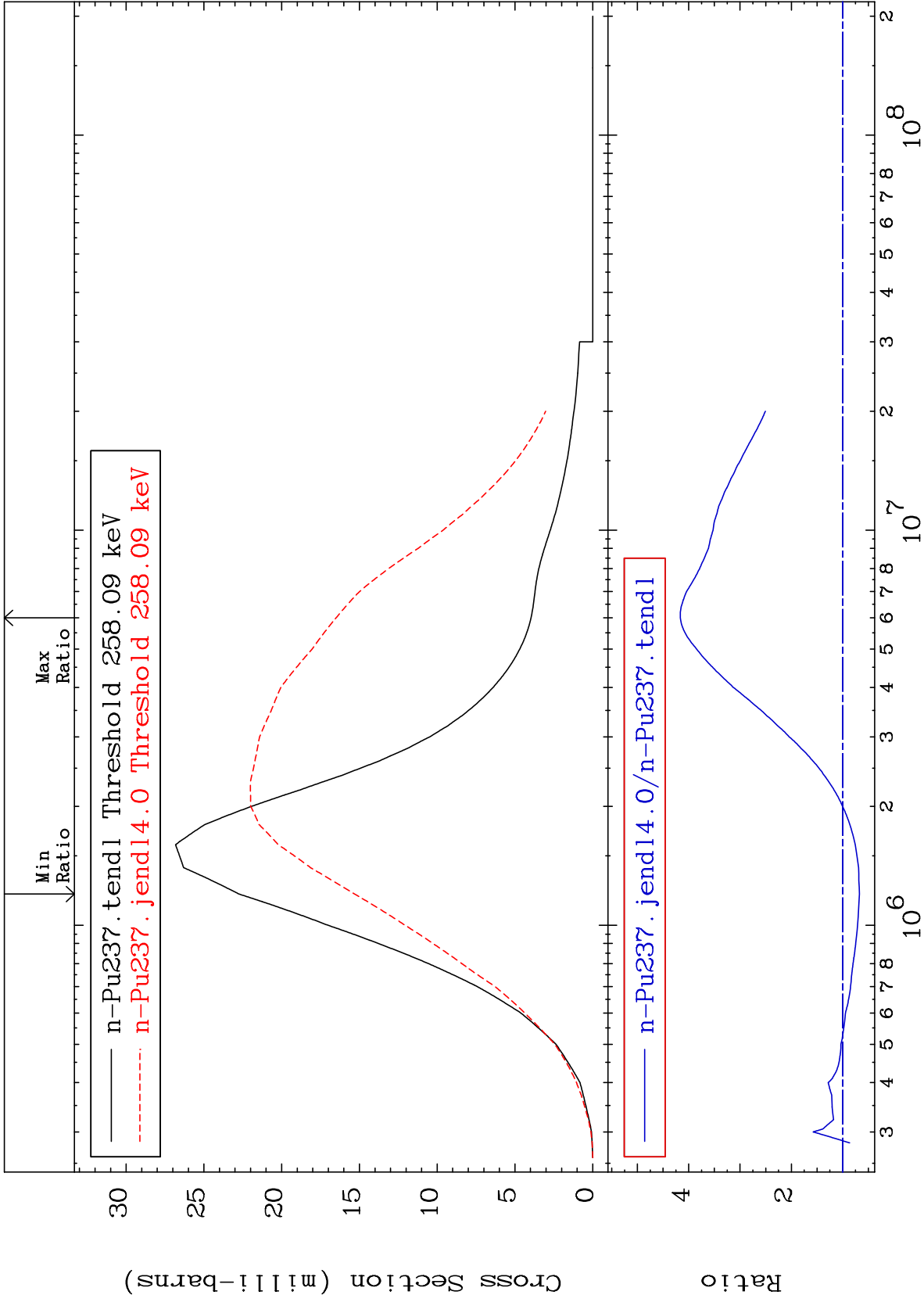
Incident Energy (eV)

94-Pu-237

MAT 9431

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

94-Pu-237
-32.66 To 316.3 %



18

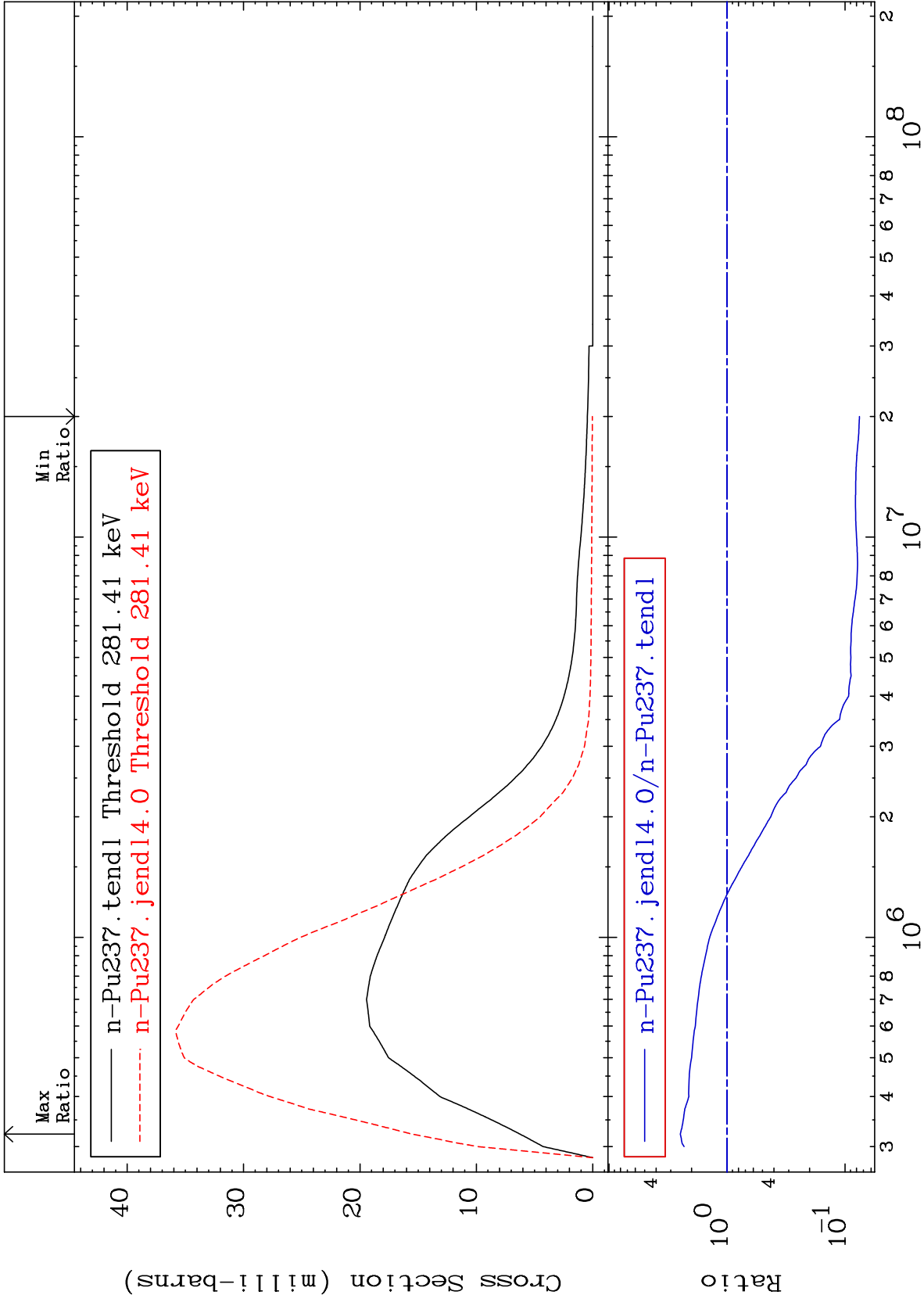
Incident Energy (eV)

94-Pu-237

MAT 9431

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

94-Pu-237
-92.45 To 148.8 %



19

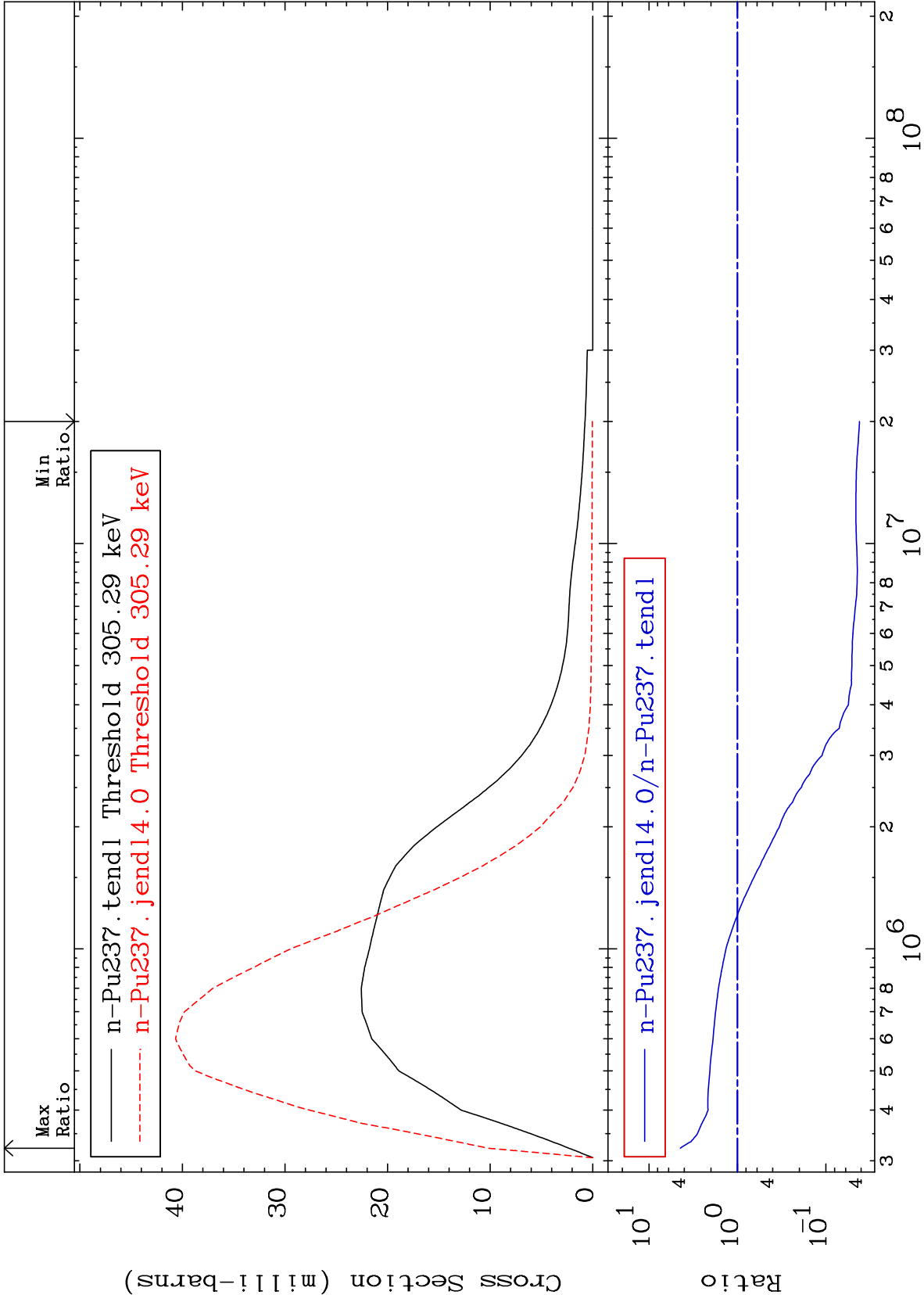
Incident Energy (eV)

94-Pu-237

MAT 9431

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

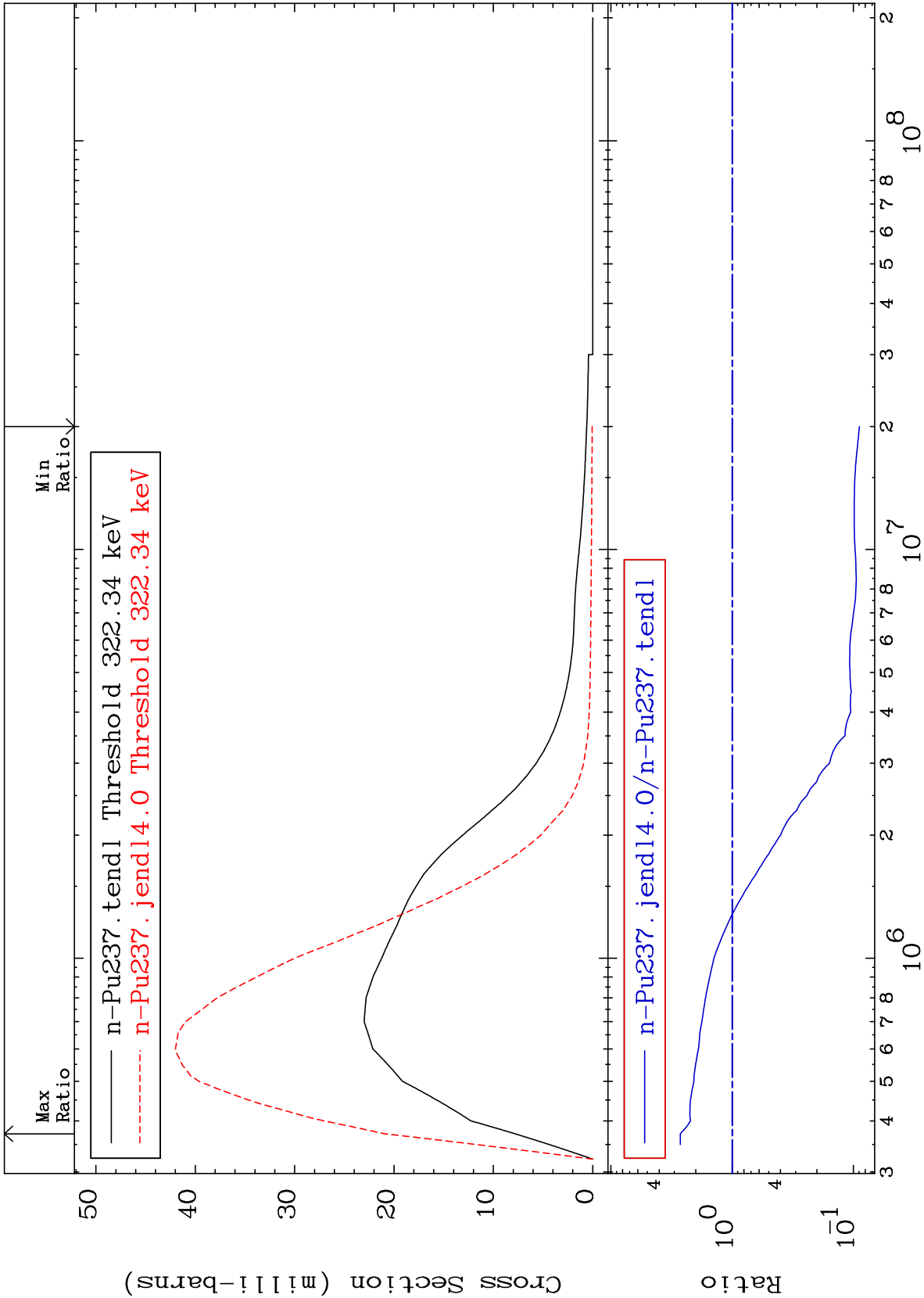
94-Pu-237
-95.82 To 342.7 %



MAT 9431

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

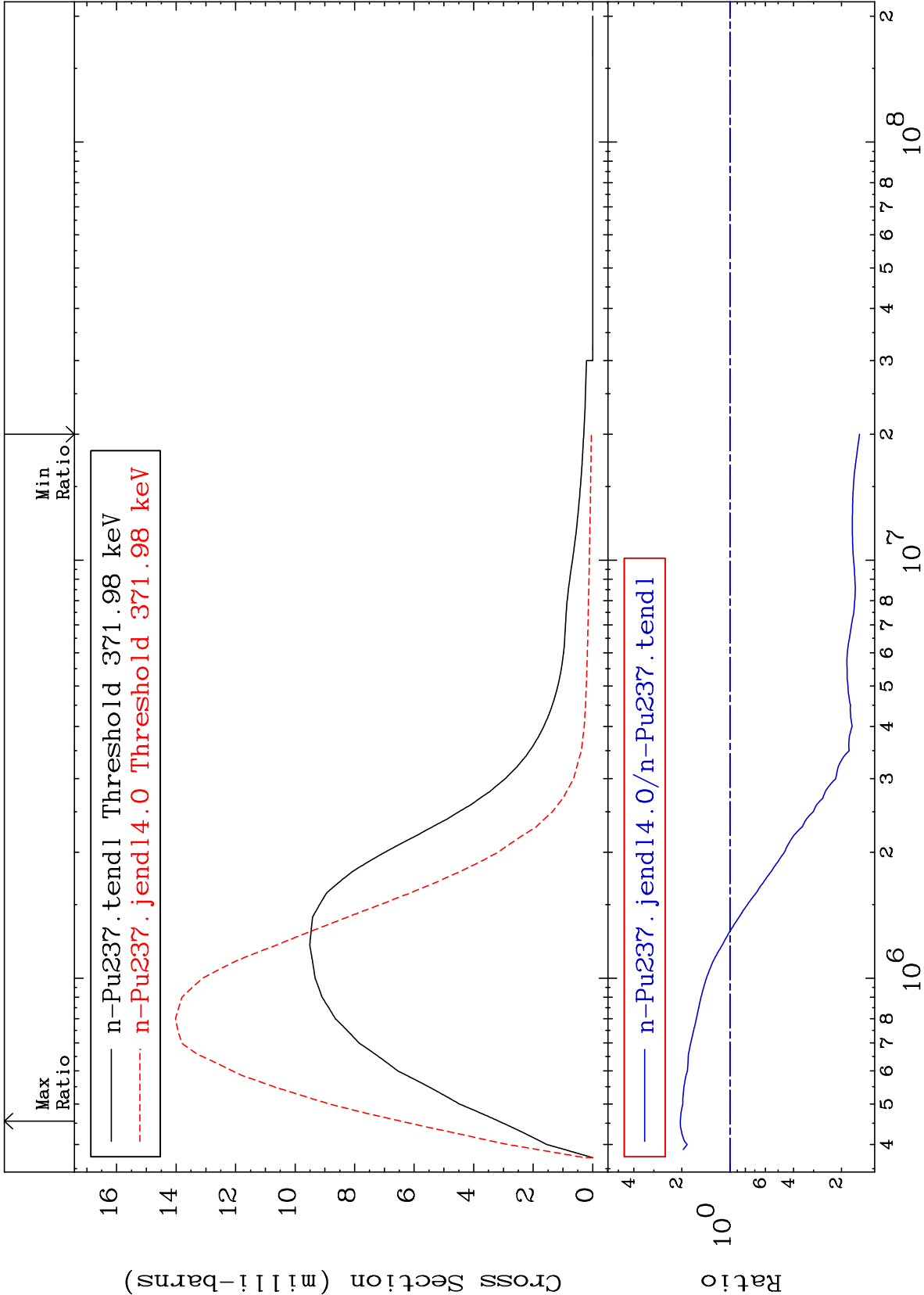
94-Pu-237
-91.08 To 167.4 %



MAT 9431

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

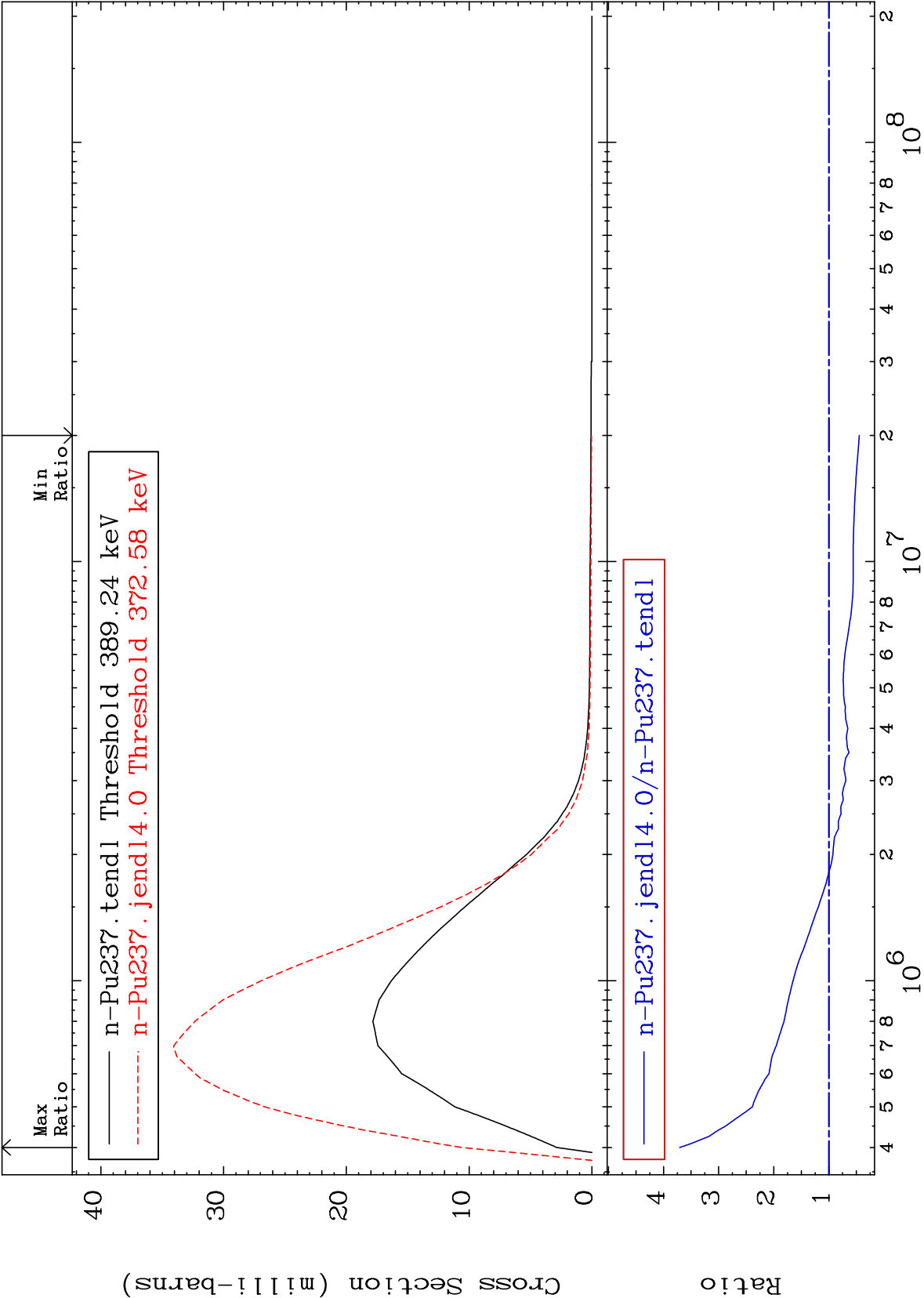
94-Pu-237
-84.54 To 104.4 %



MAT 9431

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

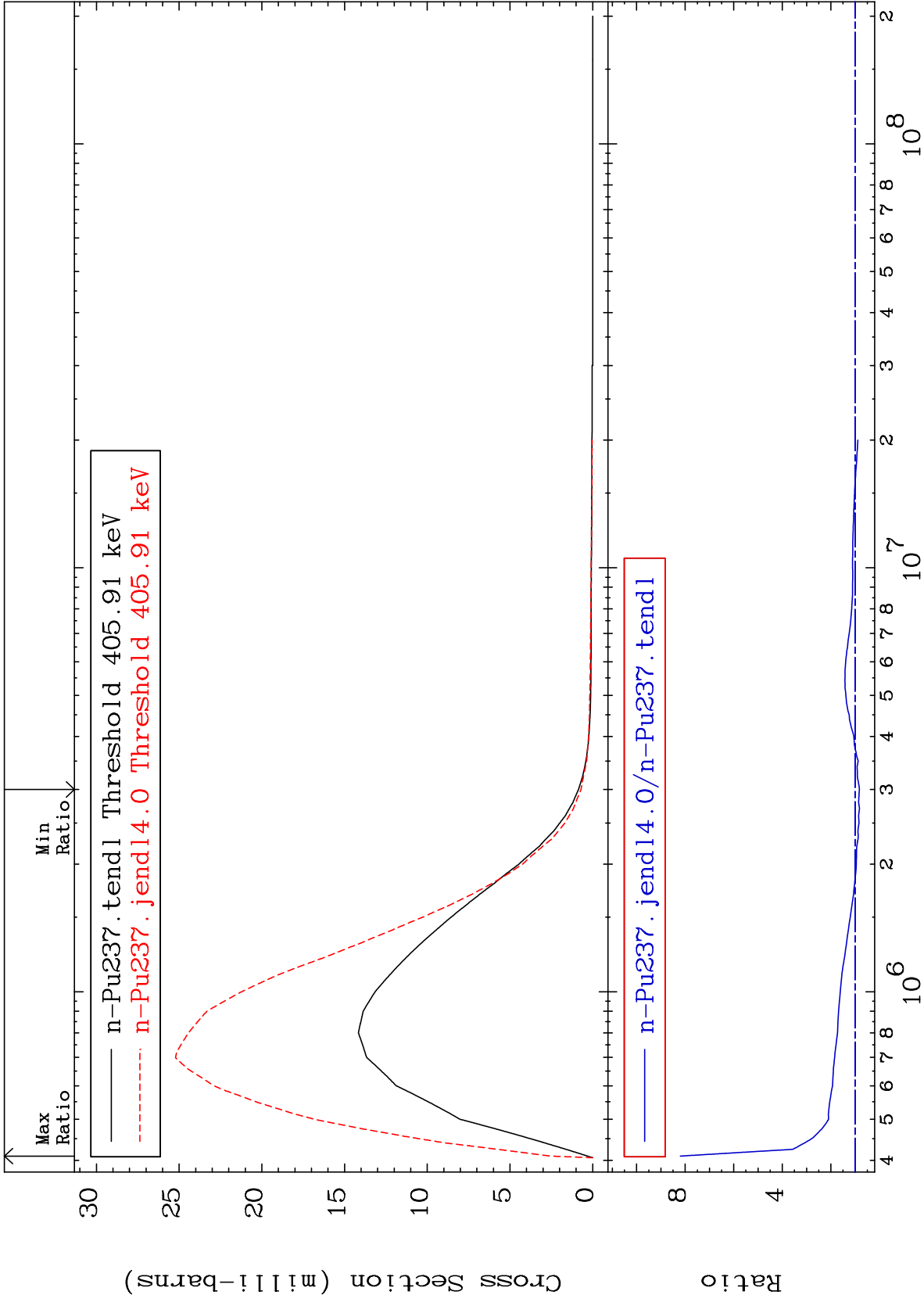
94-Pu-237
-55.20 To 270.6 %



MAT 9431

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

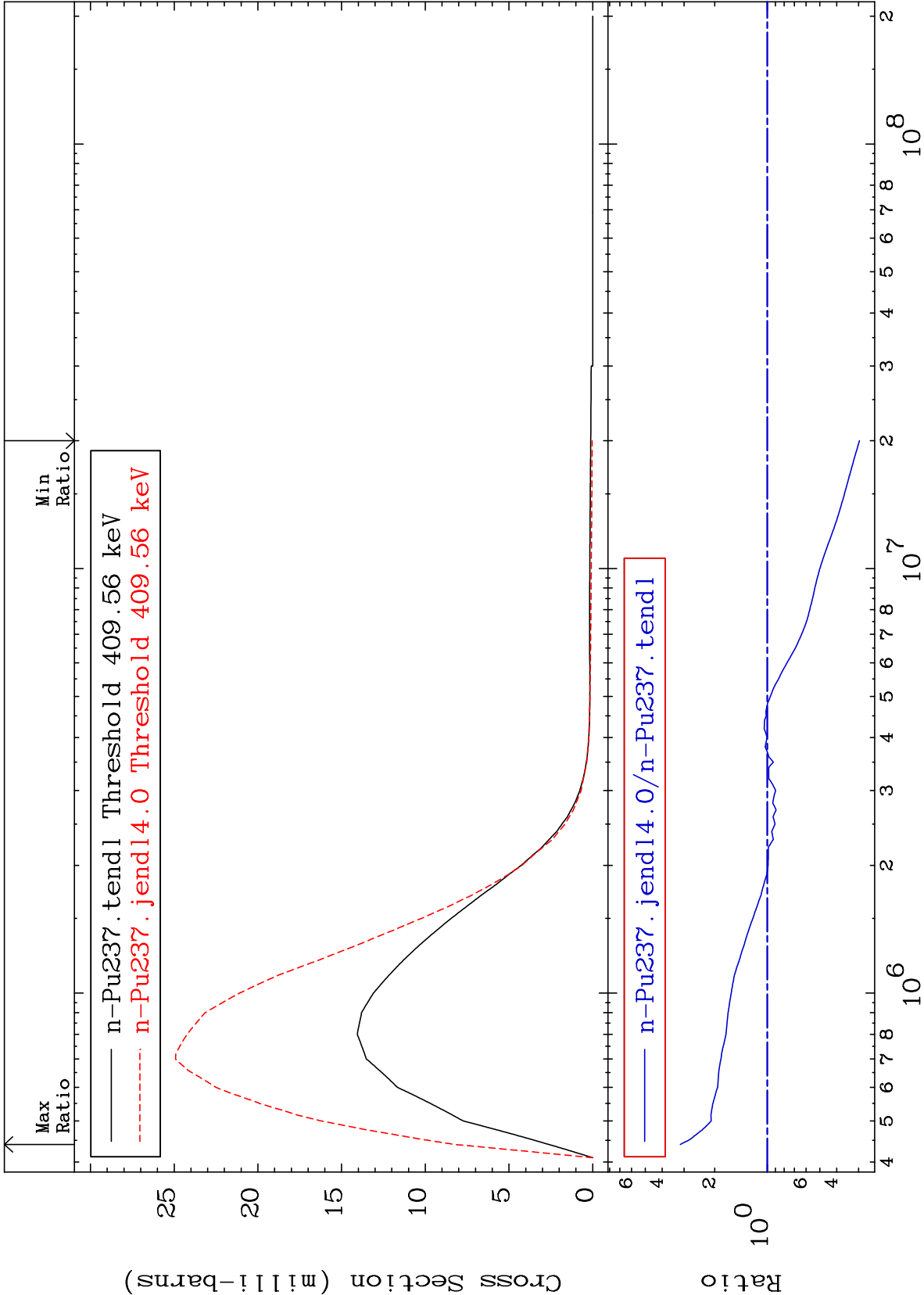
94-Pu-237
-17.71 To 719.9 %



MAT 9431

MT= 65 (n,n') Level
Cross Section

94-Pu-237
-70.33 To 214.9 %



25

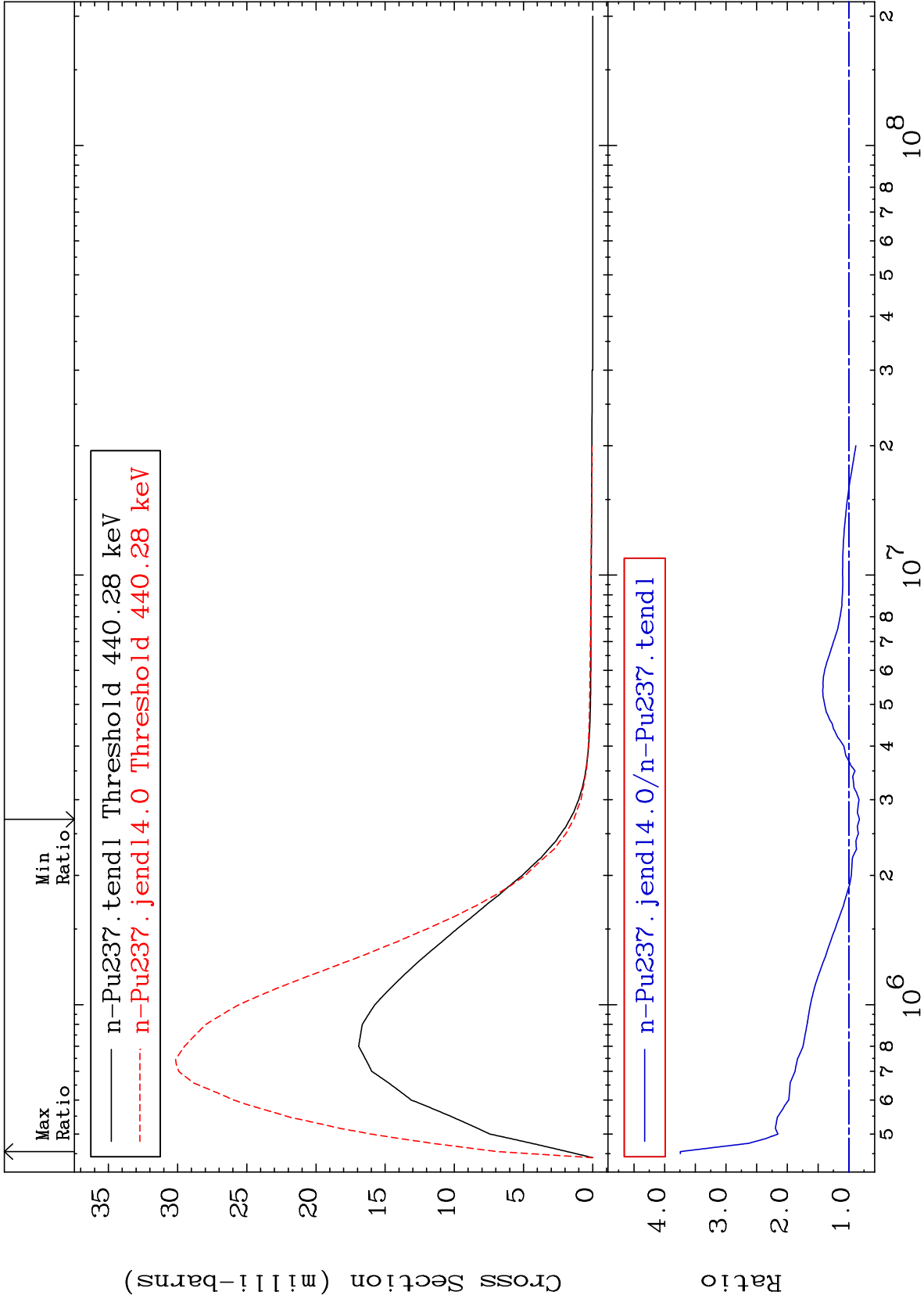
Incident Energy (eV)

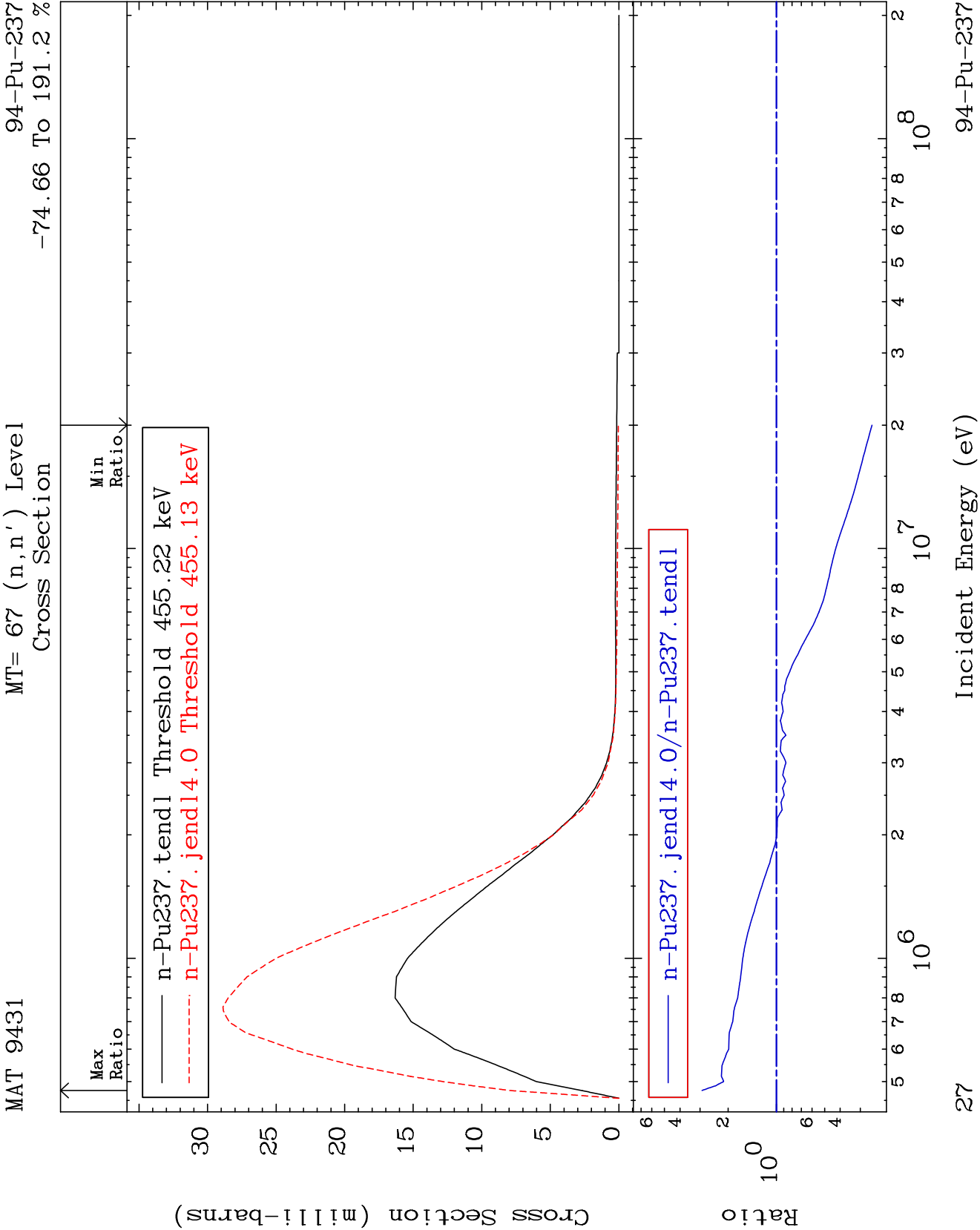
94-Pu-237

MAT 9431

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

94-Pu-237
-17.45 To 274.4 %

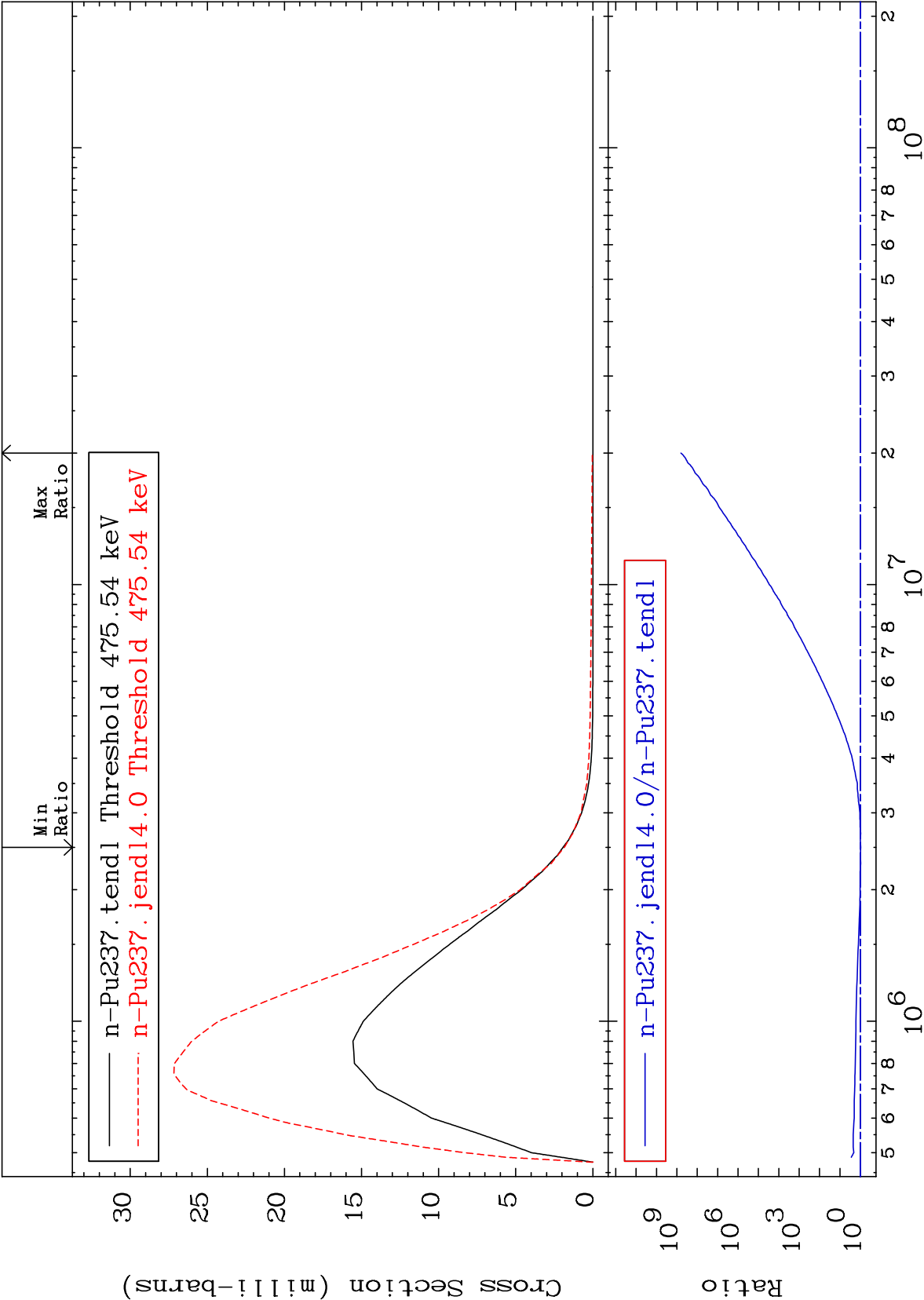




MAT 9431

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

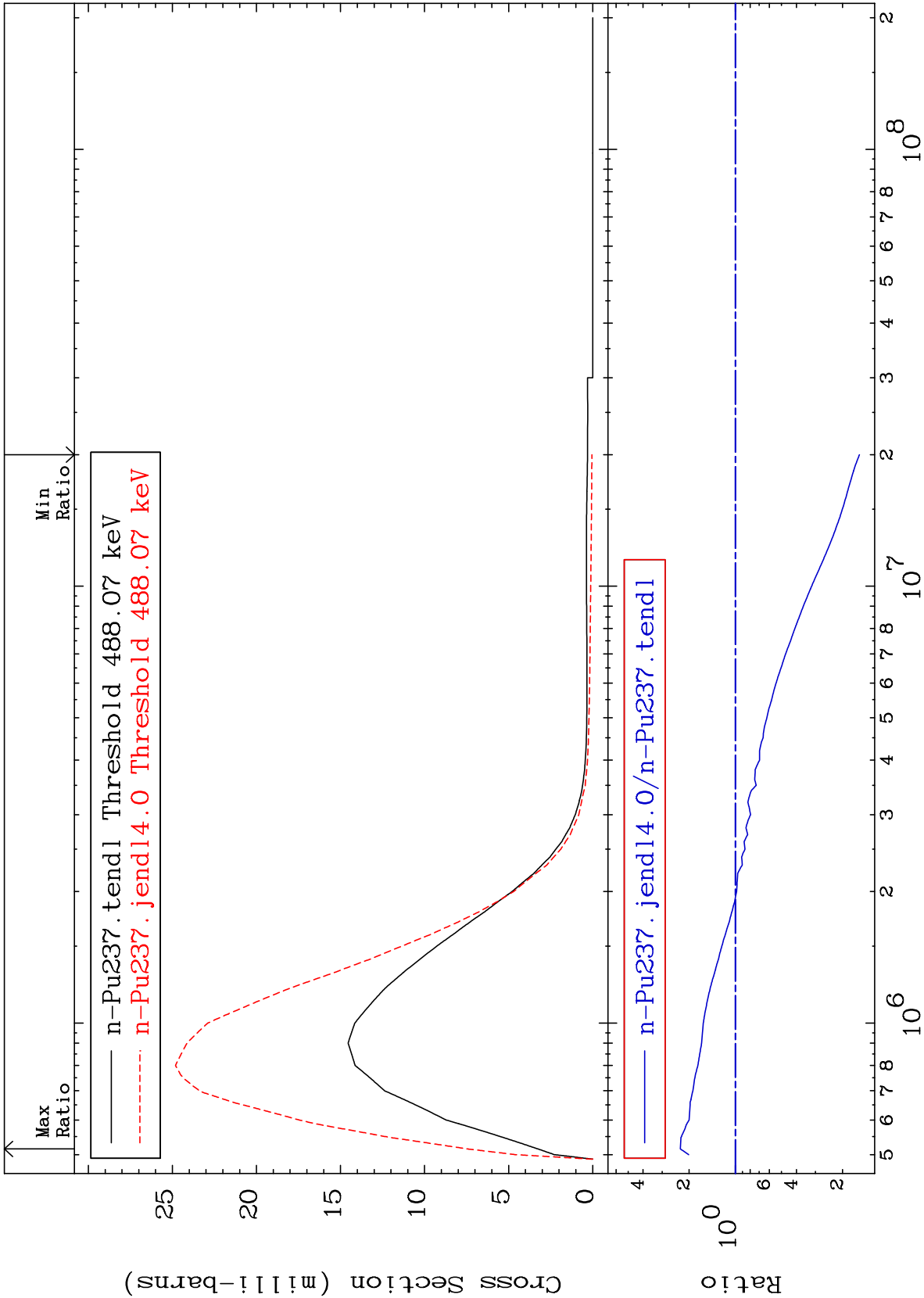
94-Pu-237
-4.378 To 9999. %



MAT 9431

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

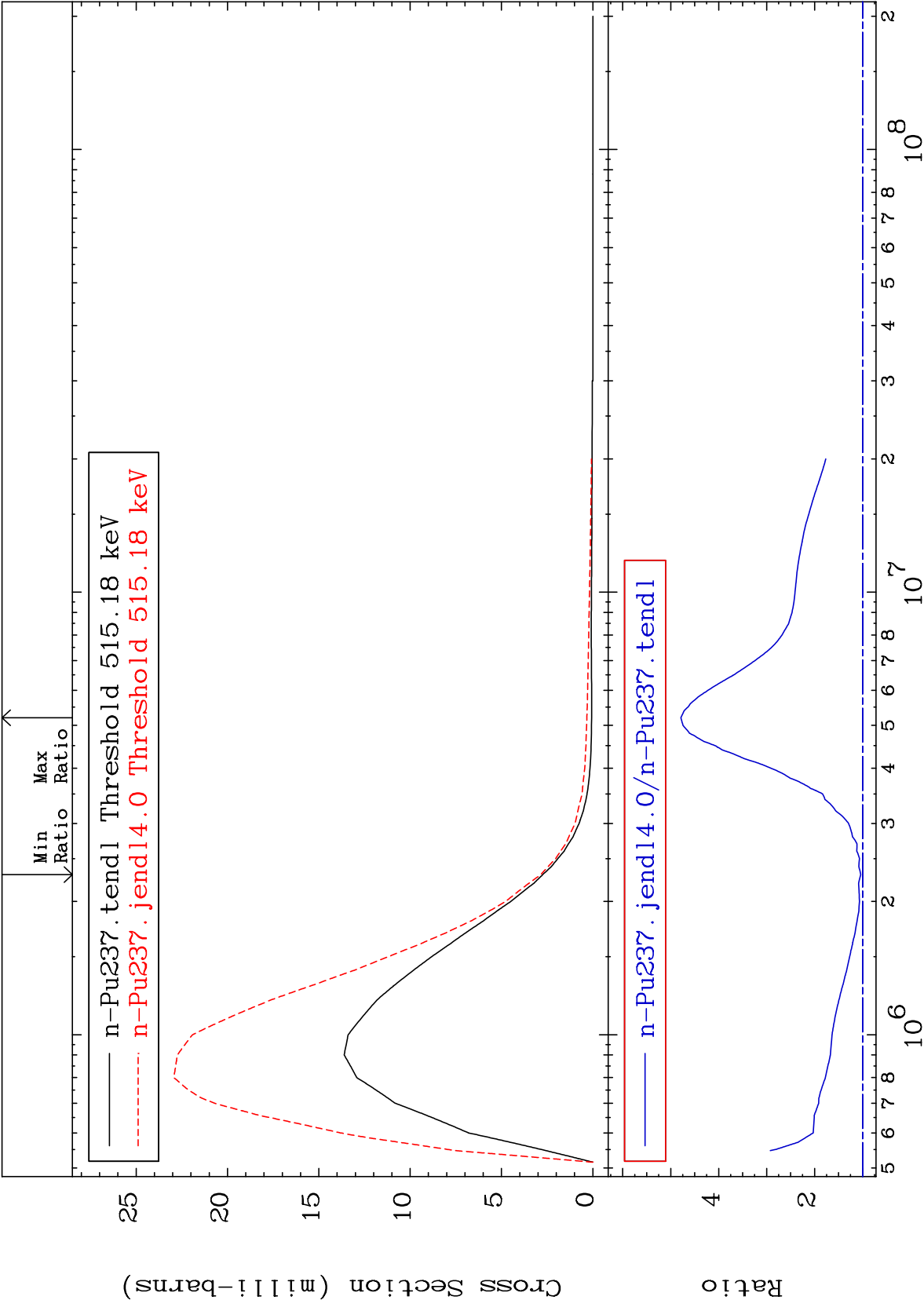
94-Pu-237
-84.48 To 128.3 %



MAT 9431

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

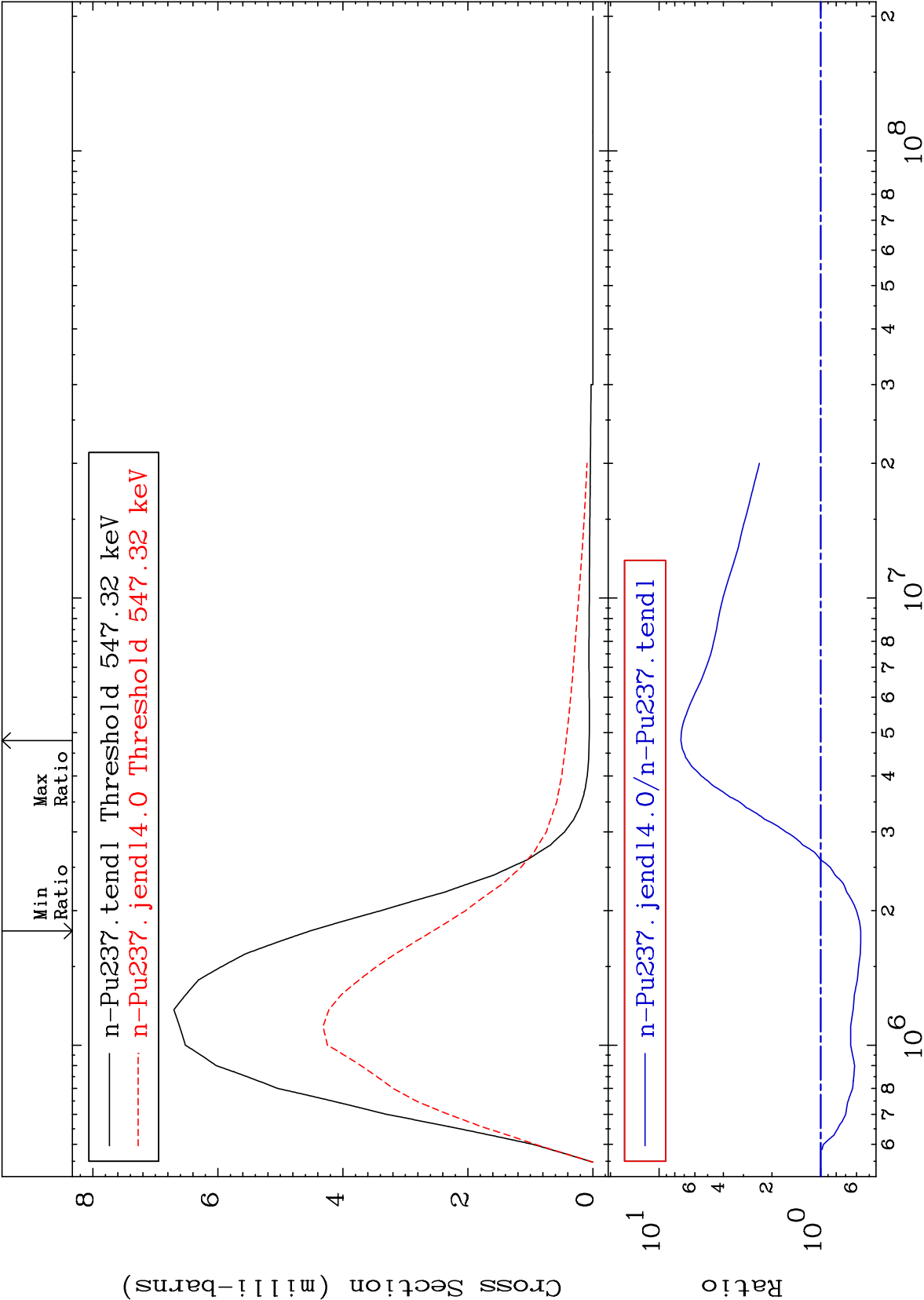
3.757 To 378.7 %
94-Pu-237



MAT 9431

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

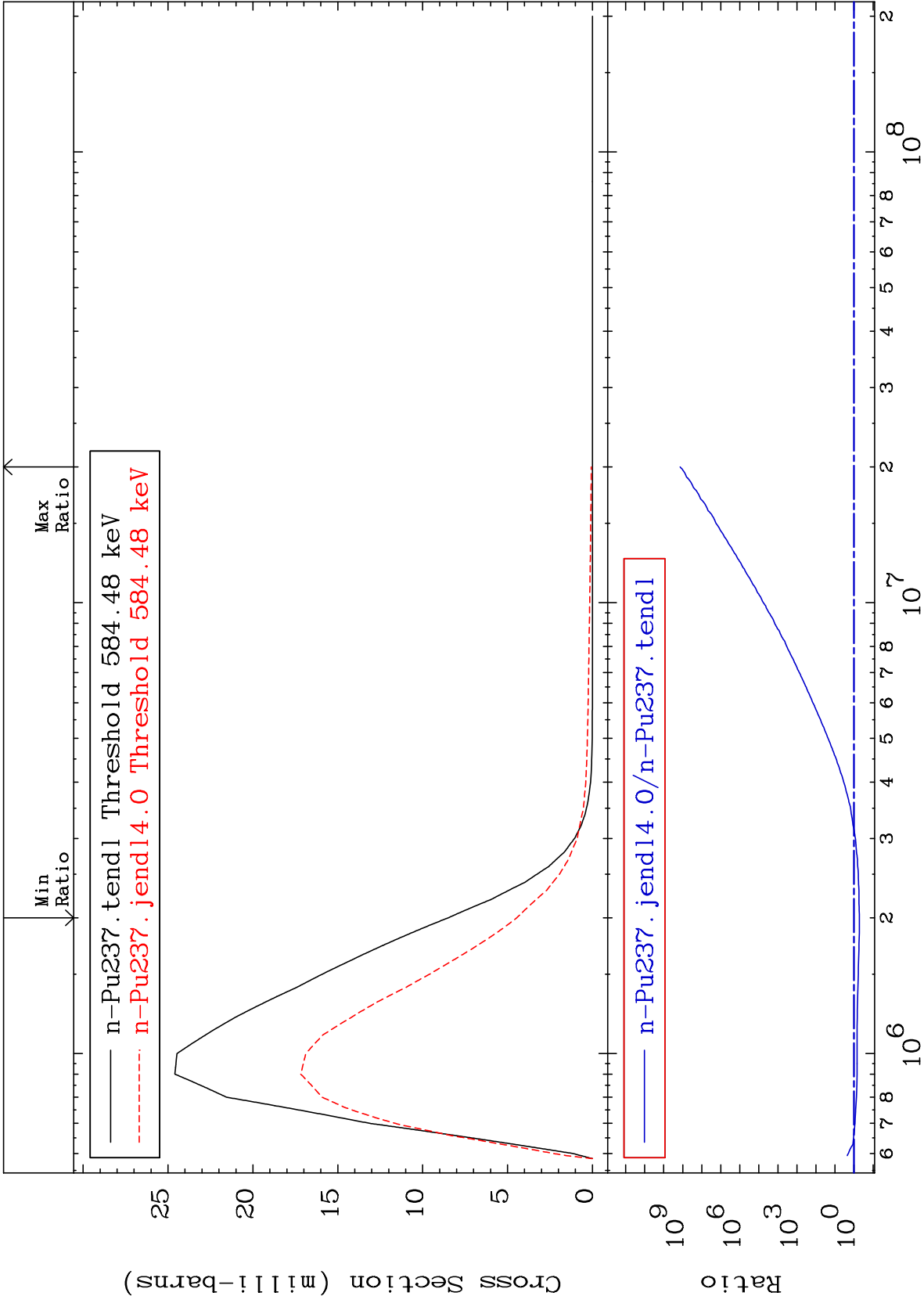
94-Pu-237
-43.50 To 632.7 %



MAT 9431

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

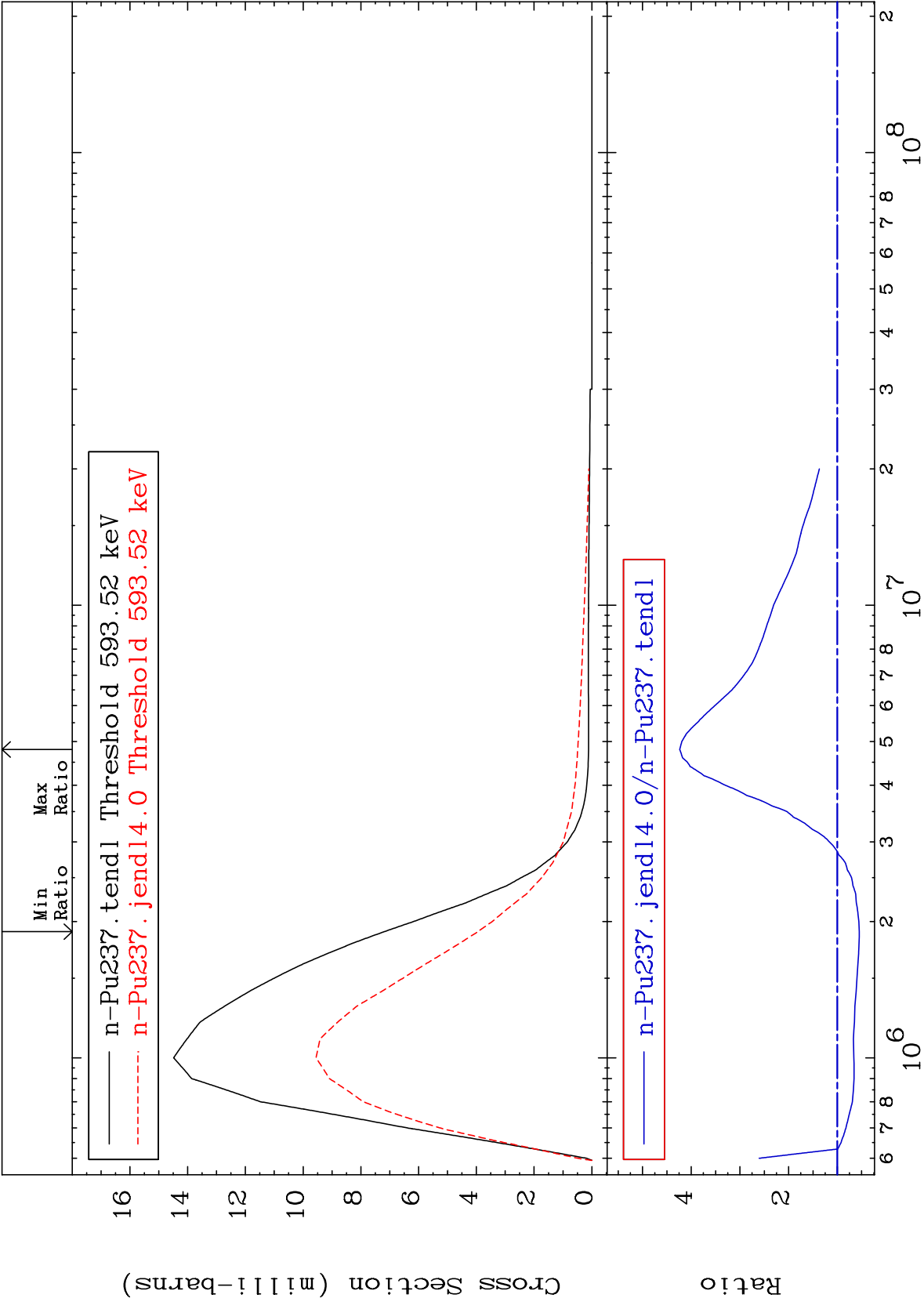
94-Pu-237
-47.54 To 9999. %



MAT 9431

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

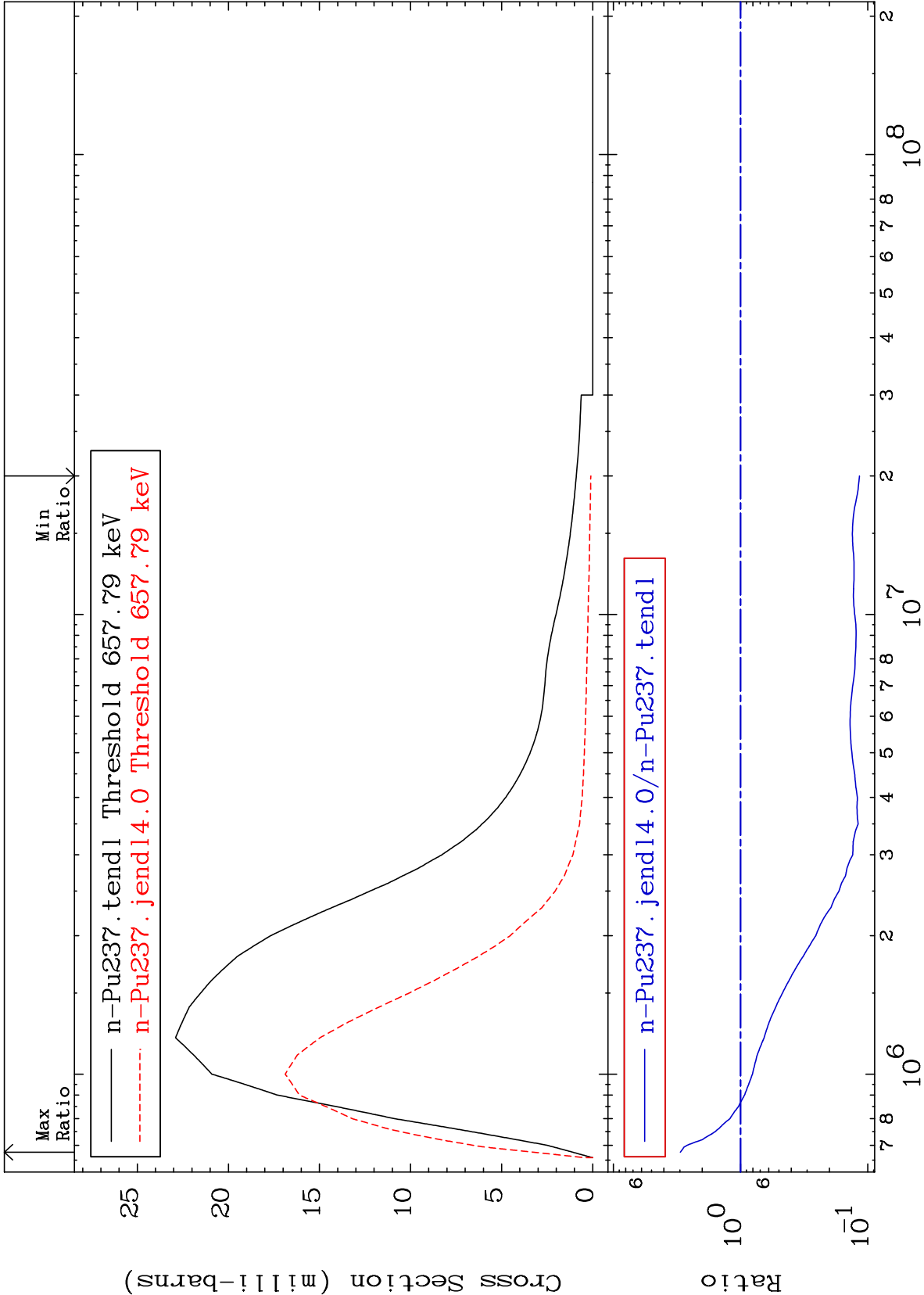
94-Pu-237
-45.09 To 323.6 %

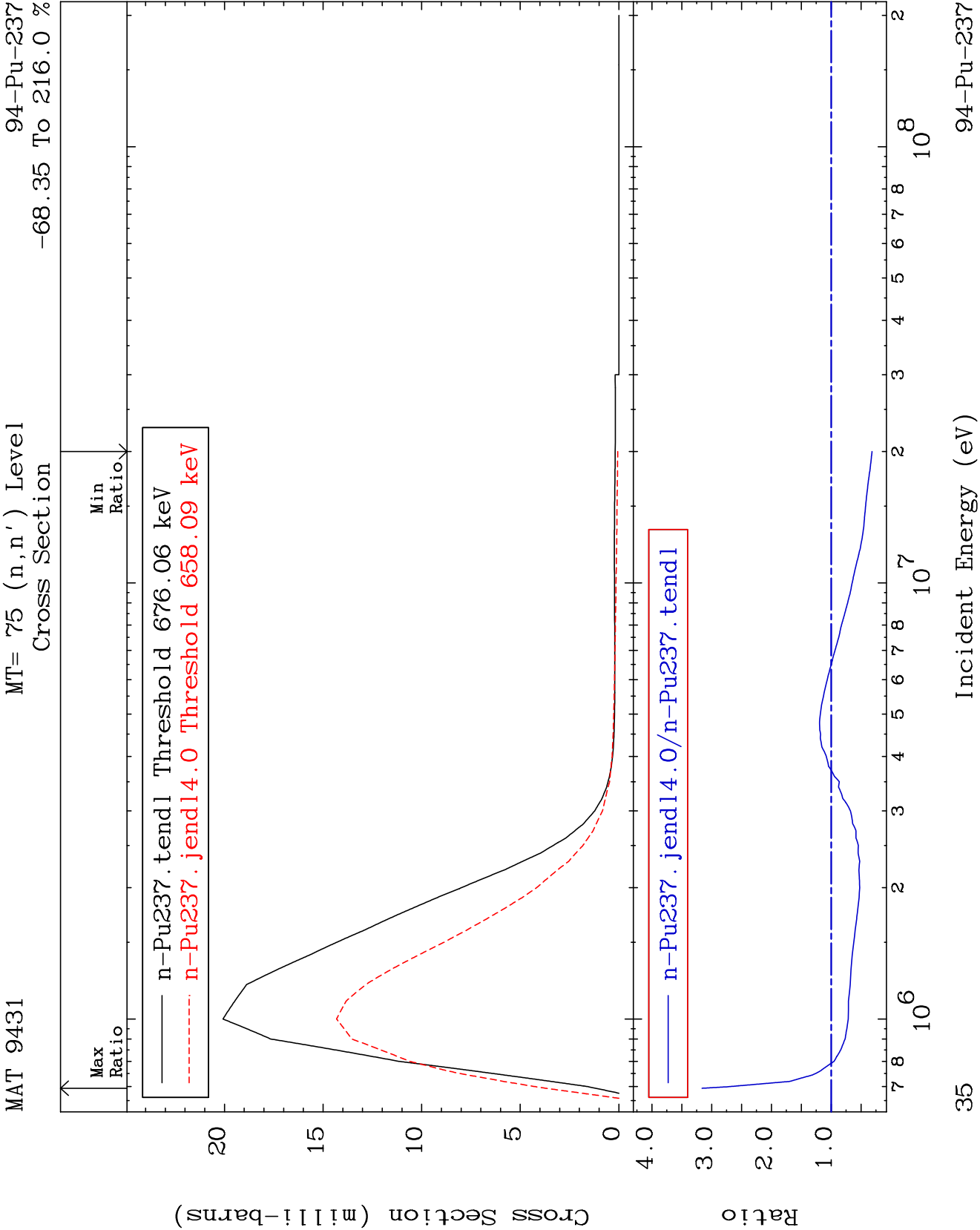


MAT 9431

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

94-Pu-237
-88.36 To 197.2 %

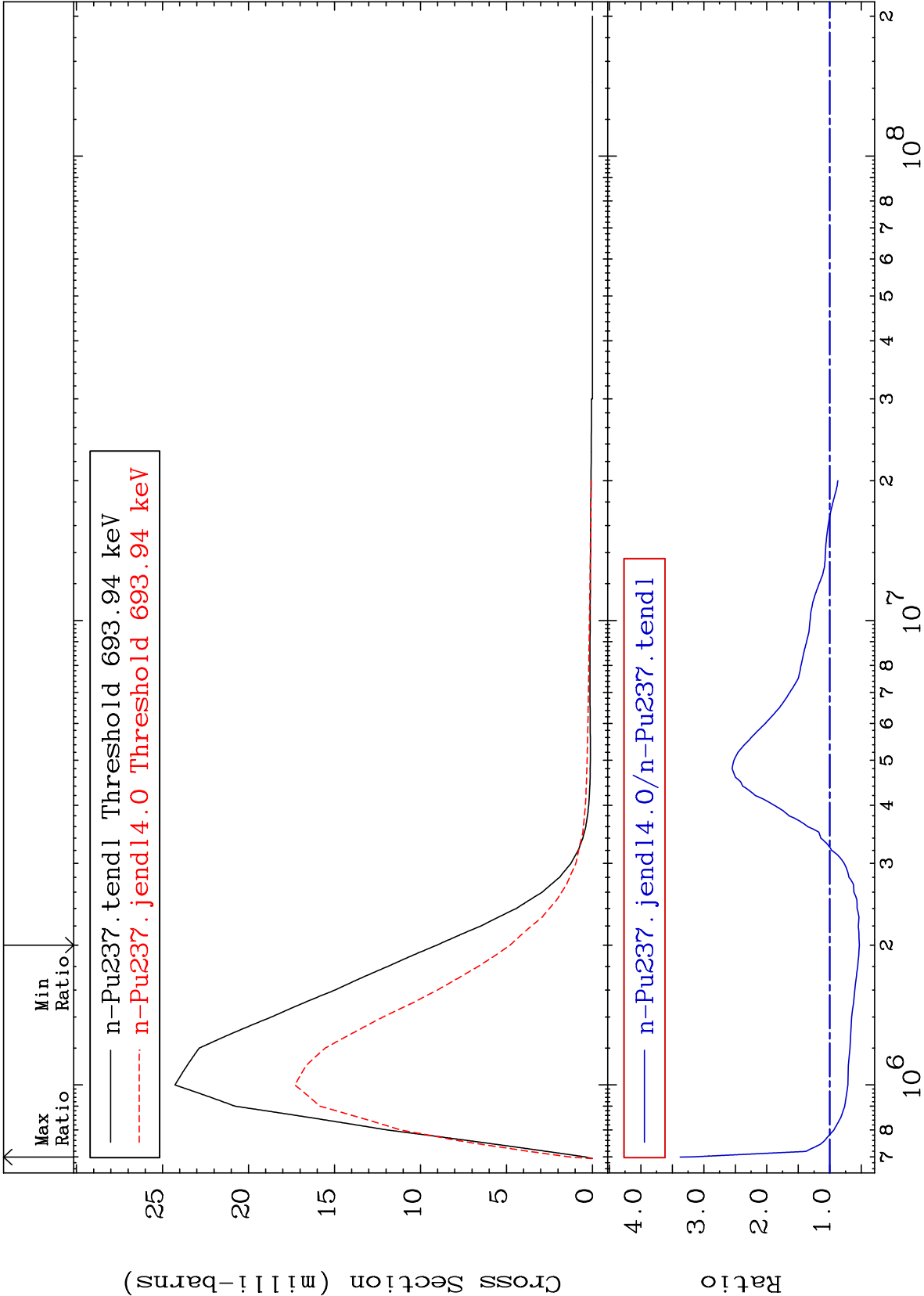




MAT 9431

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

94-Pu-237
-47.04 To 237.6 %



36

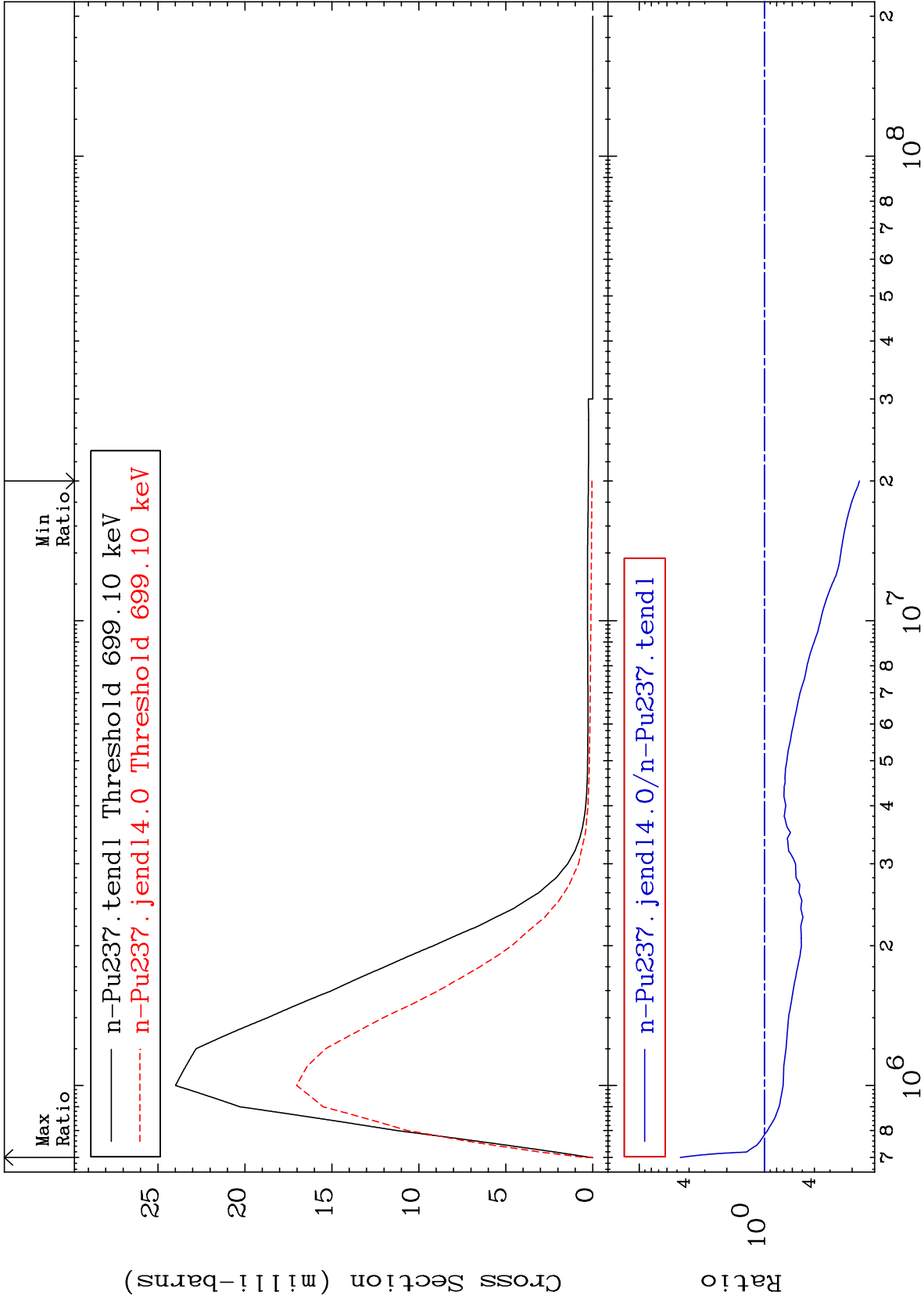
Incident Energy (eV)

94-Pu-237

MAT 9431

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

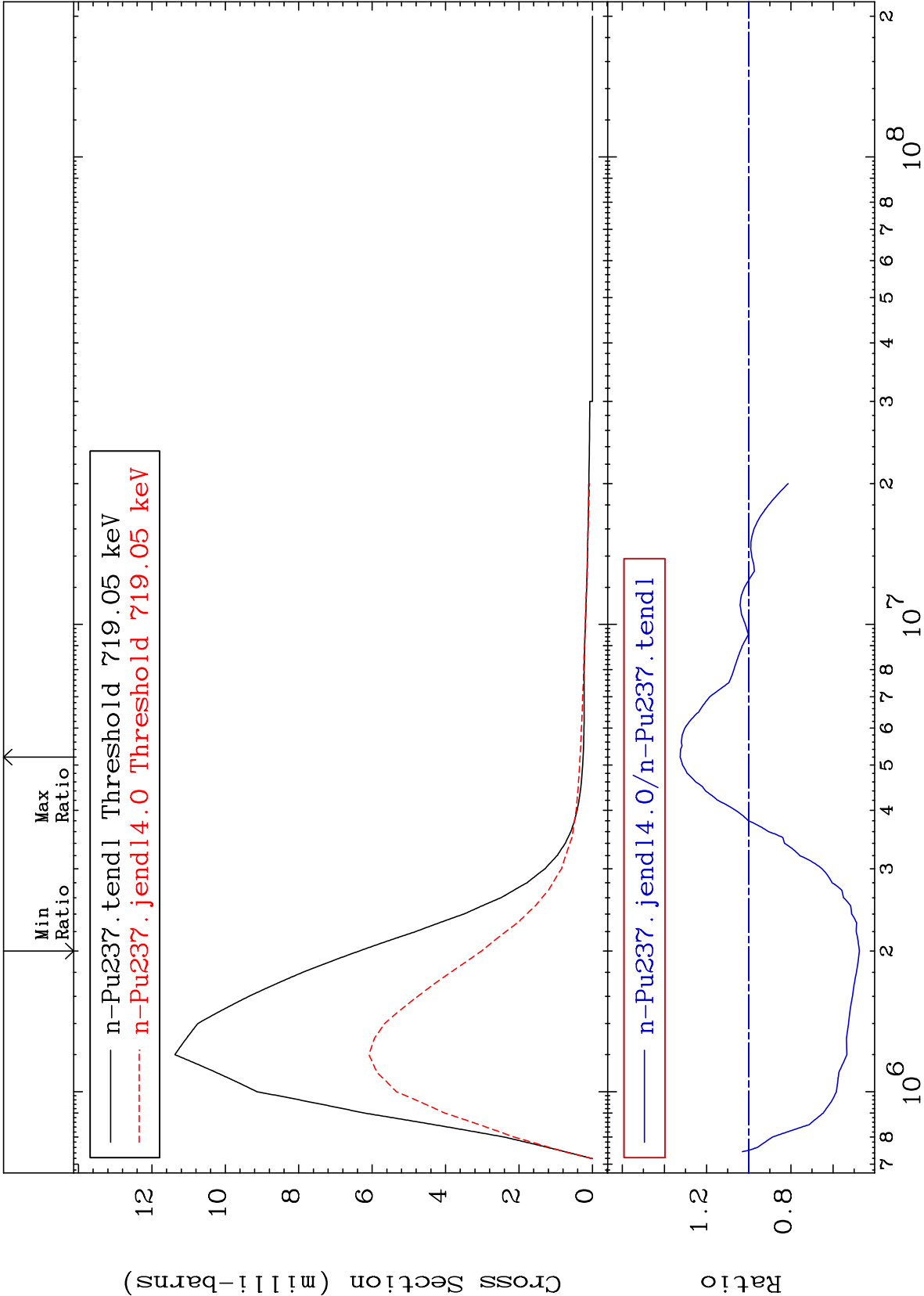
94-Pu-237
-82.51 To 369.1 %



MAT 9431

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

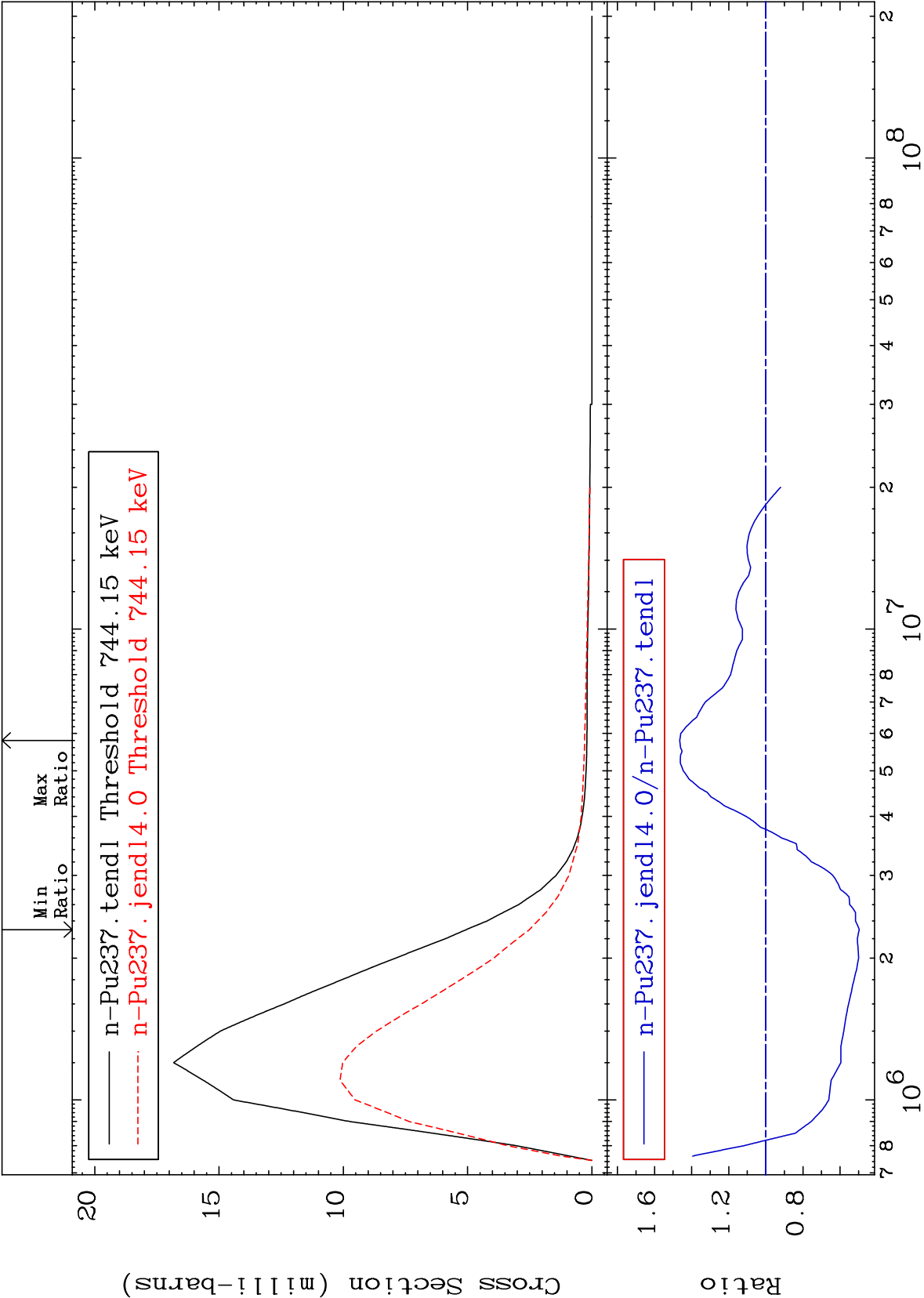
94-Pu-237
-52.46 To 32.55 %



38

Incident Energy (eV)

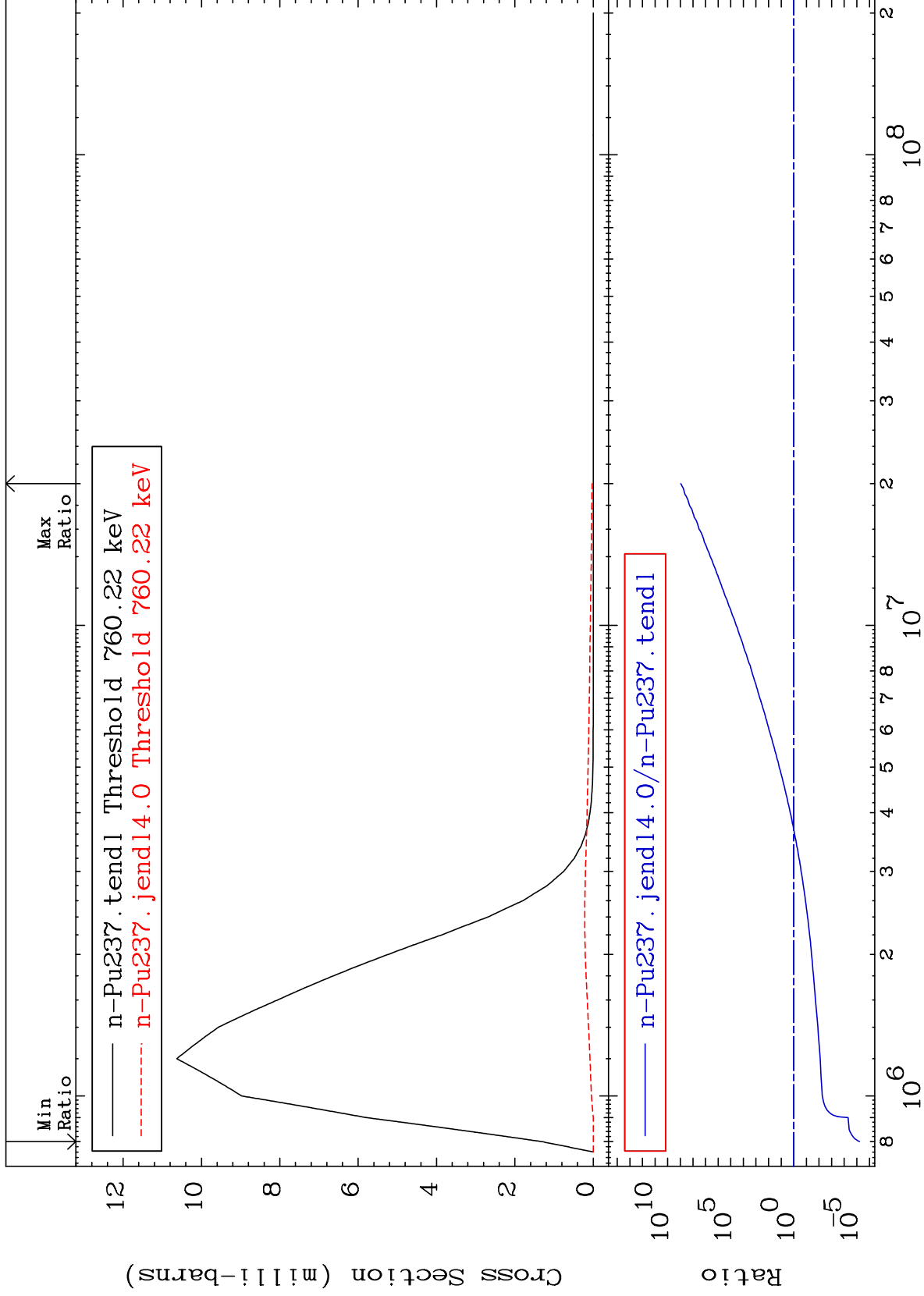
94-Pu-237



MAT 9431

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

94-Pu-237
-100.0 To 9999. %



40

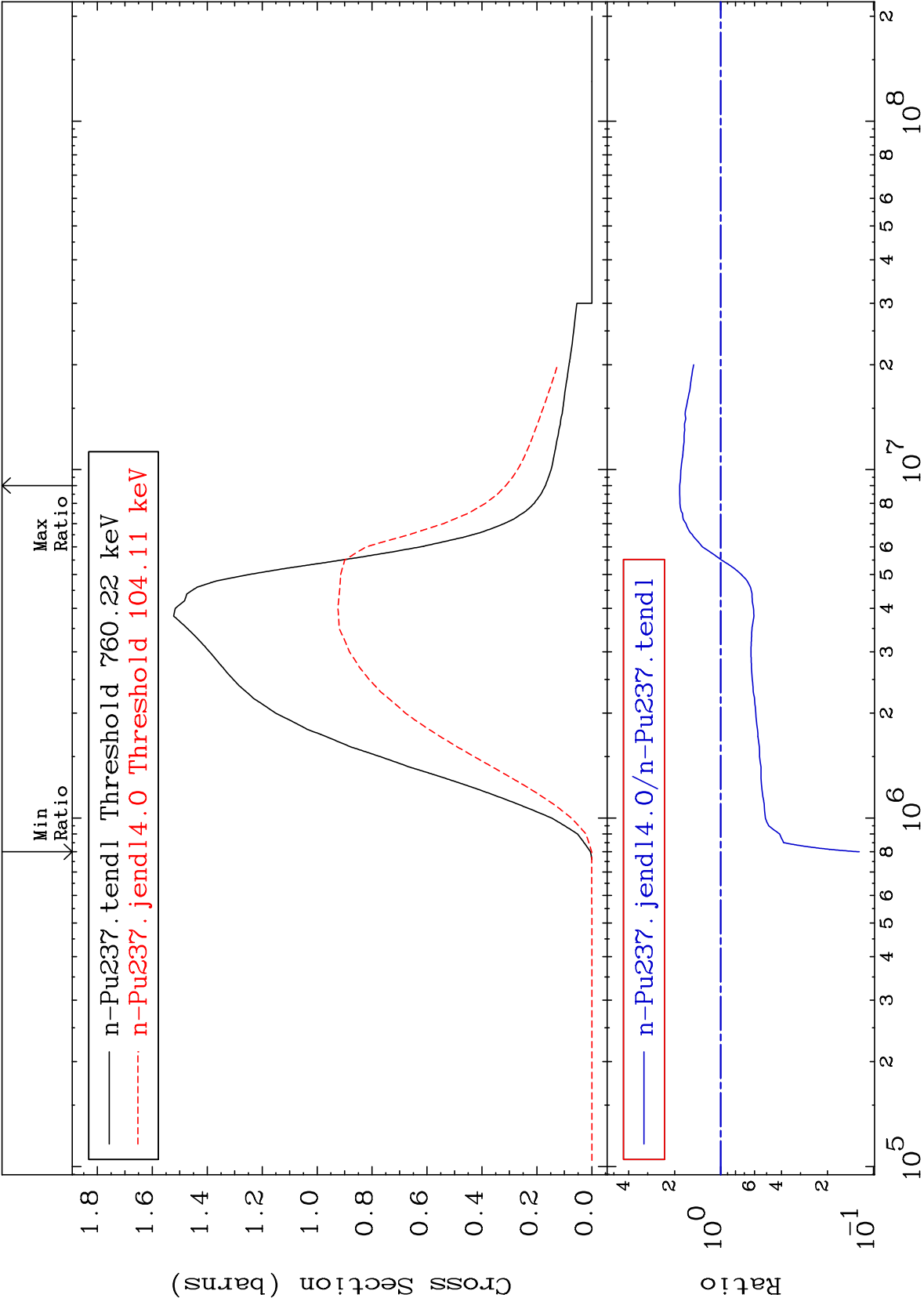
Incident Energy (eV)

94-Pu-237

MAT 9431

(n,n') Continuum
Cross Section

94-Pu-237
-87.61 To 85.31 %



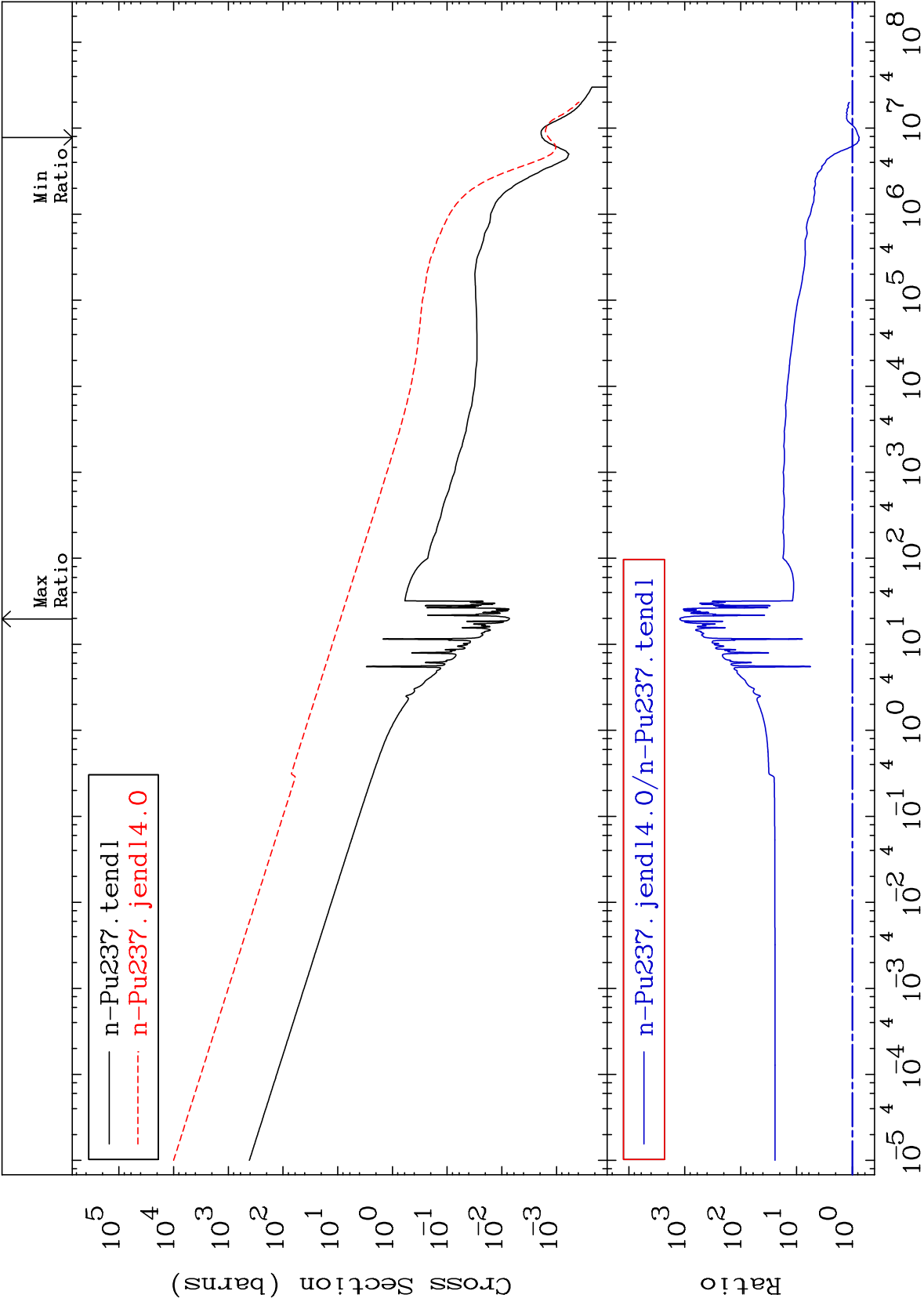
Incident Energy (eV)

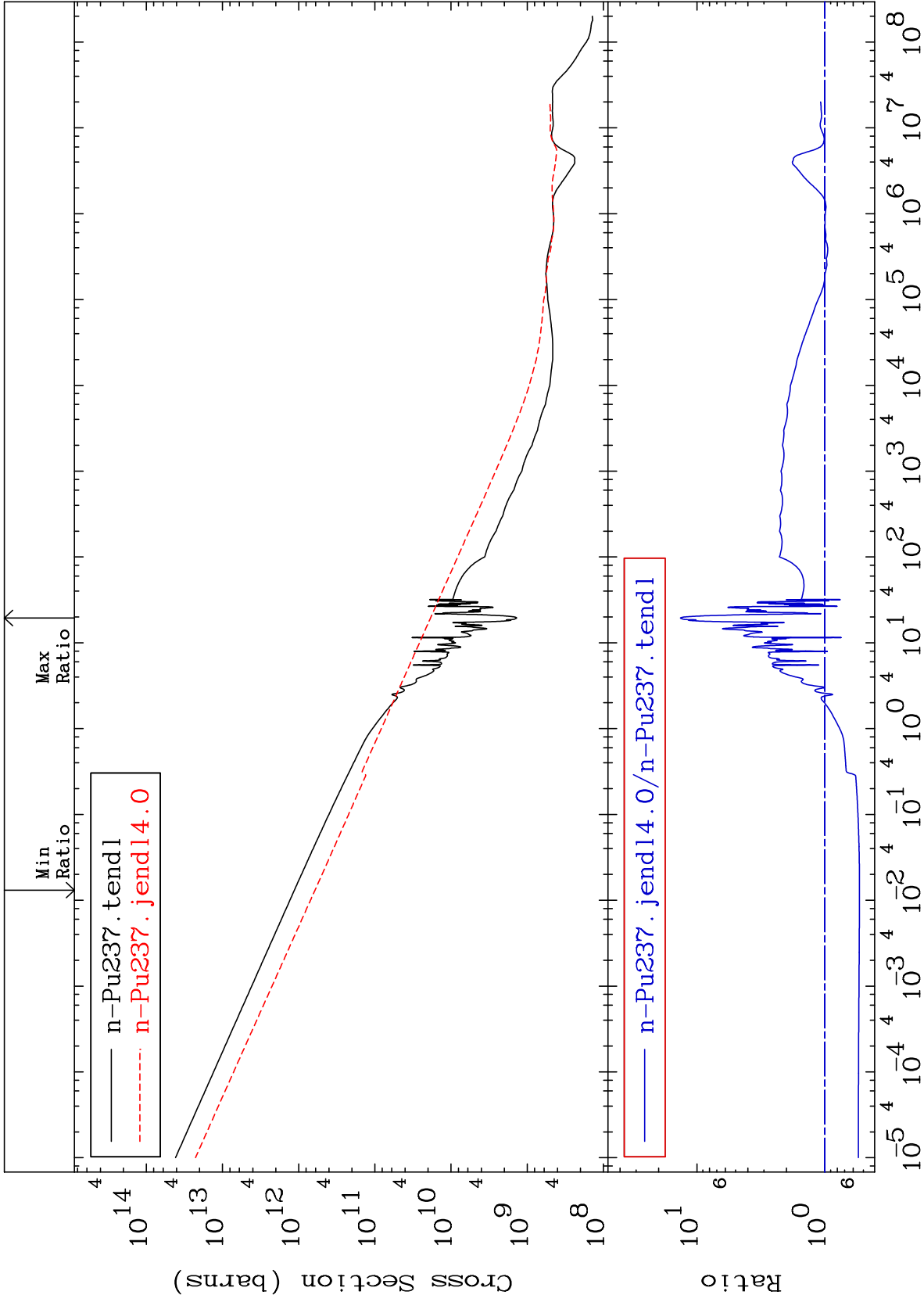
94-Pu-237

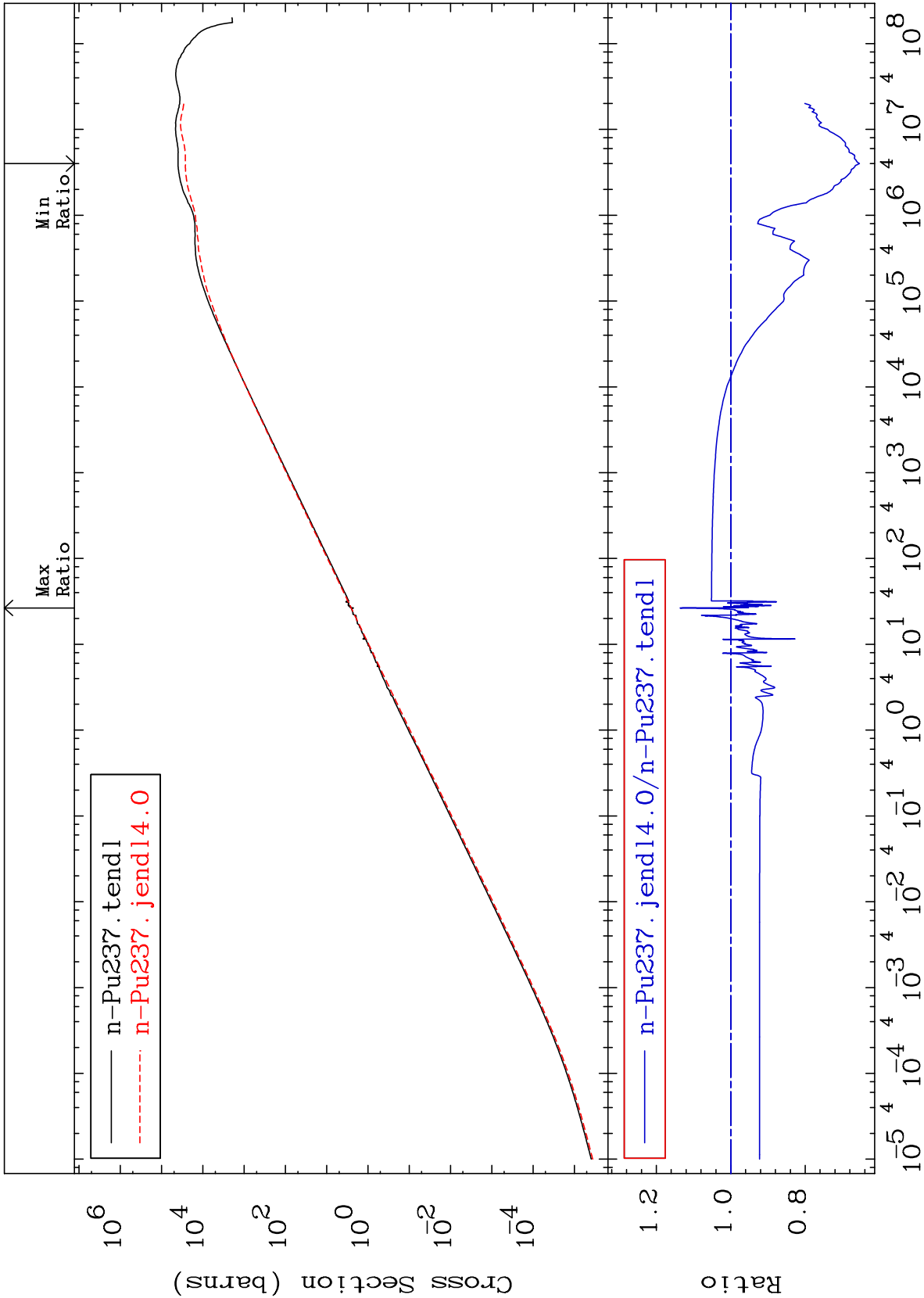
41

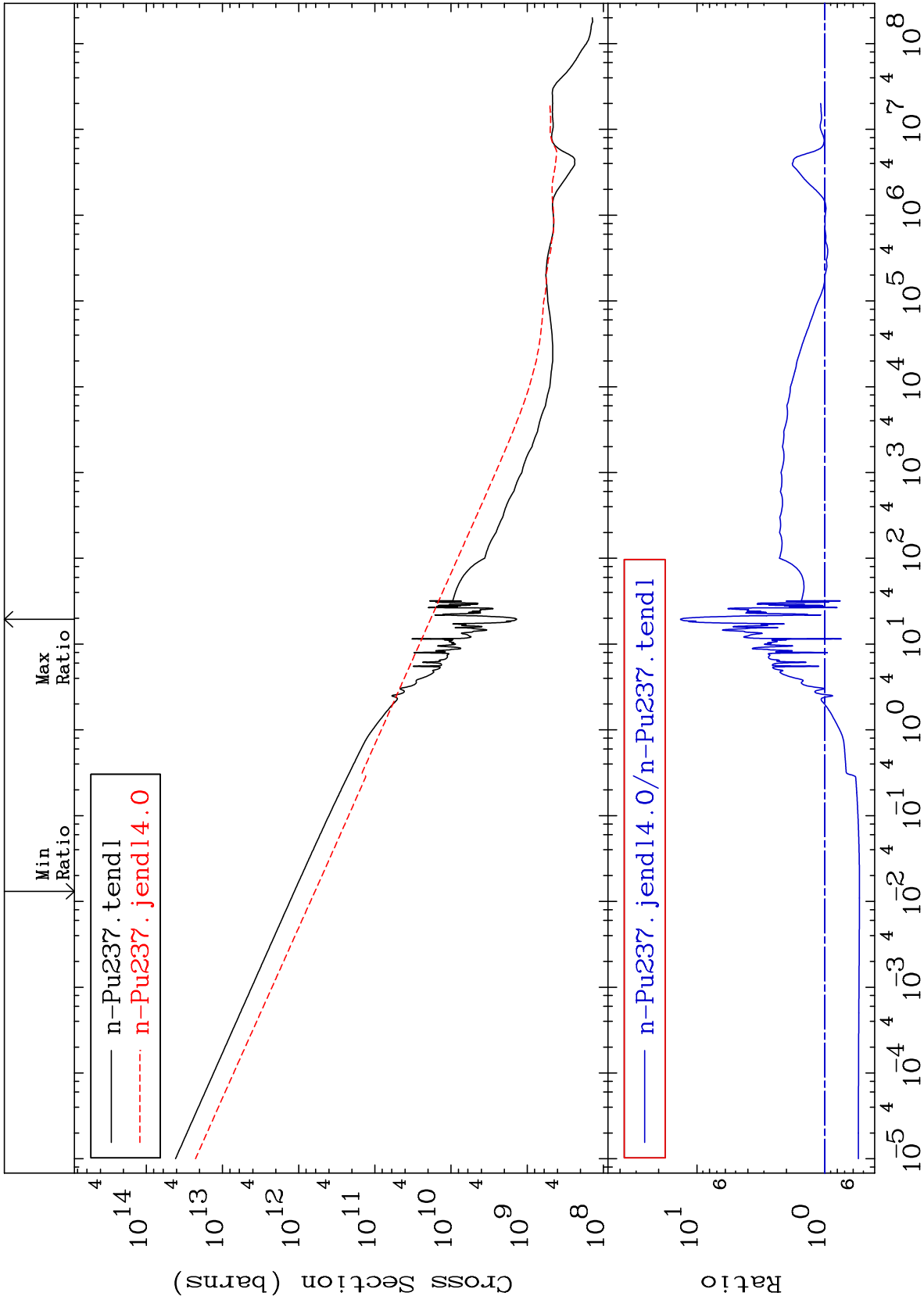
MAT 9431

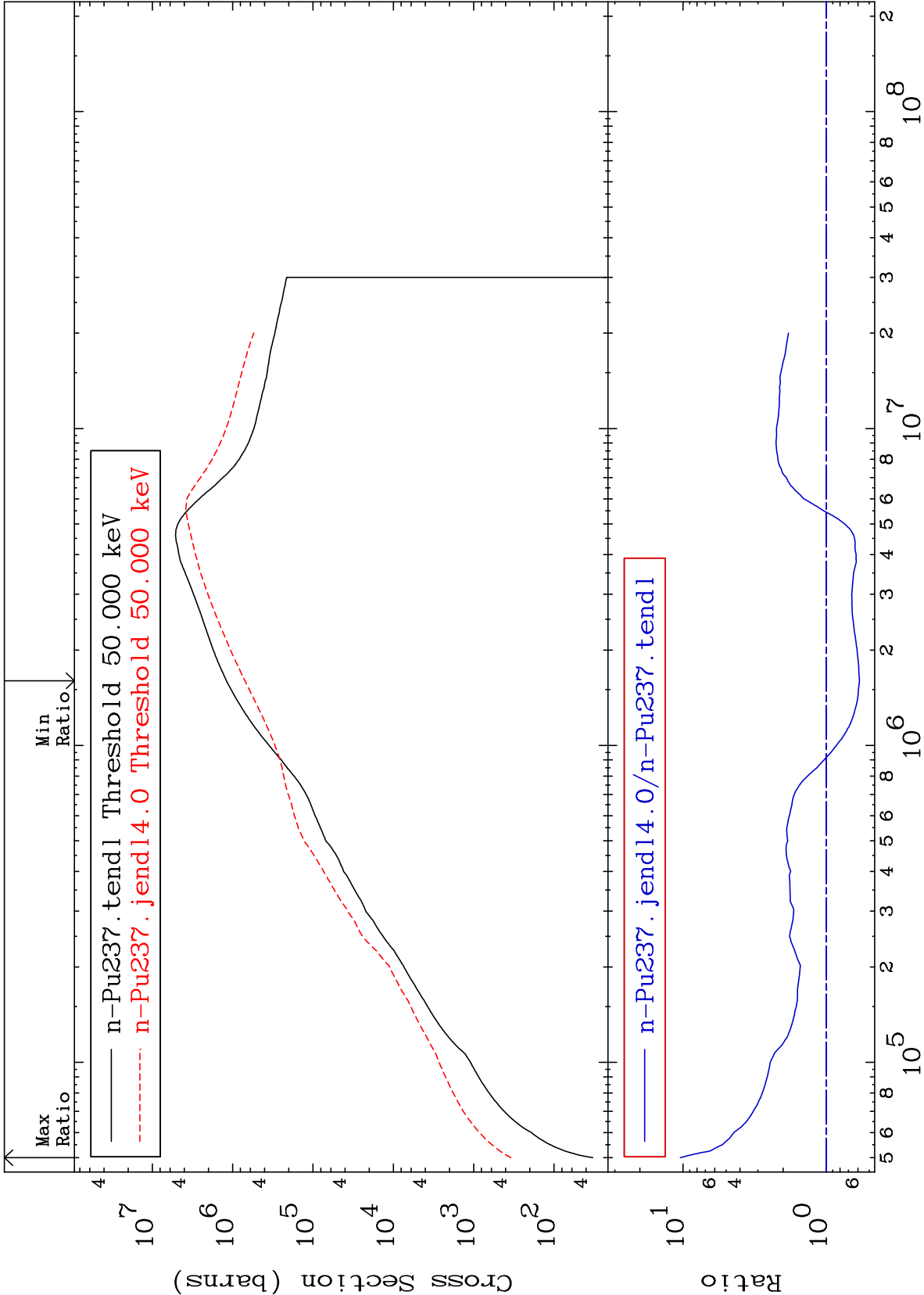
(n, γ)
Cross Section
94-Pu-237
-24.53 To 9999. %











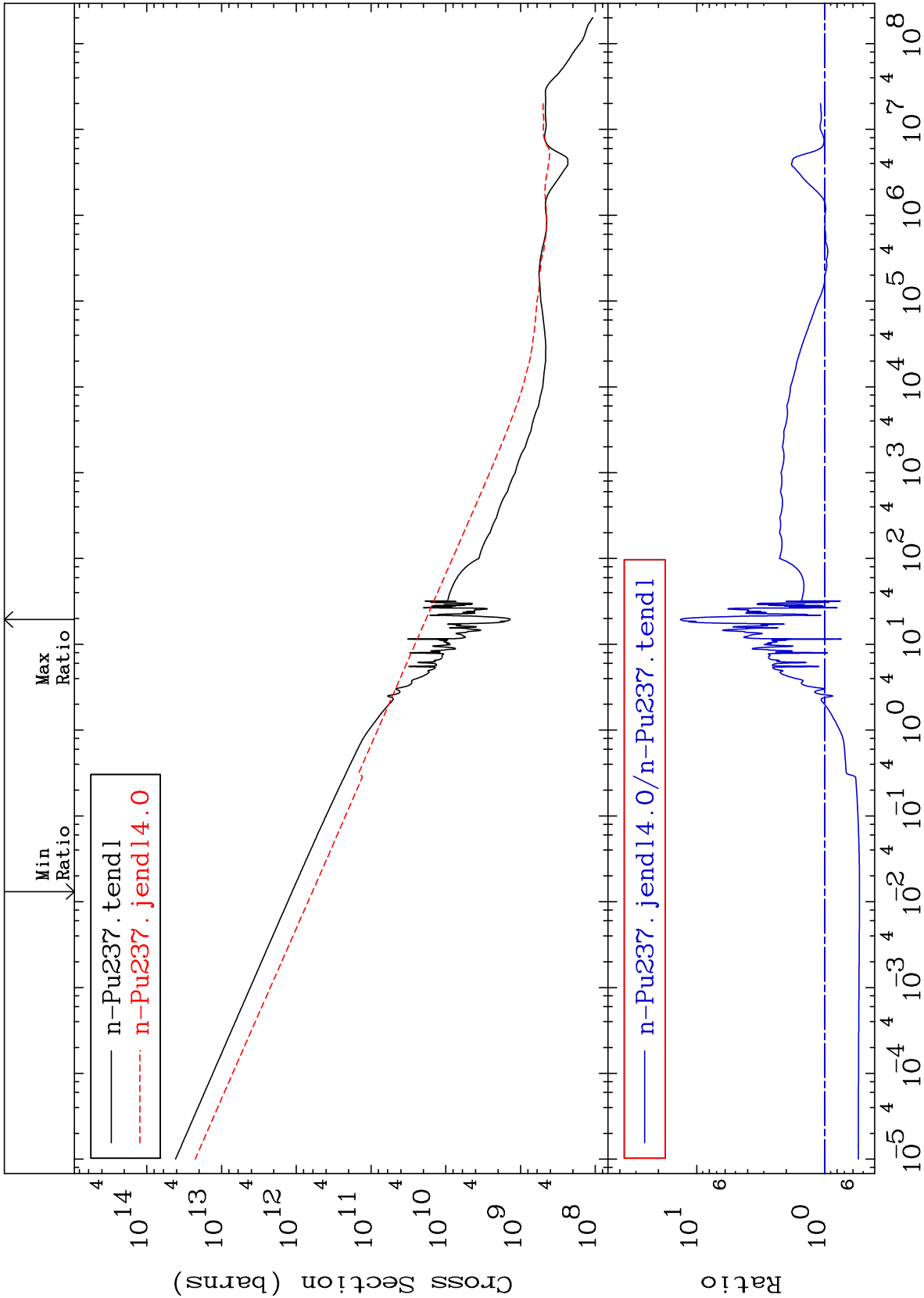
MAT 9431

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

94-Pu-237

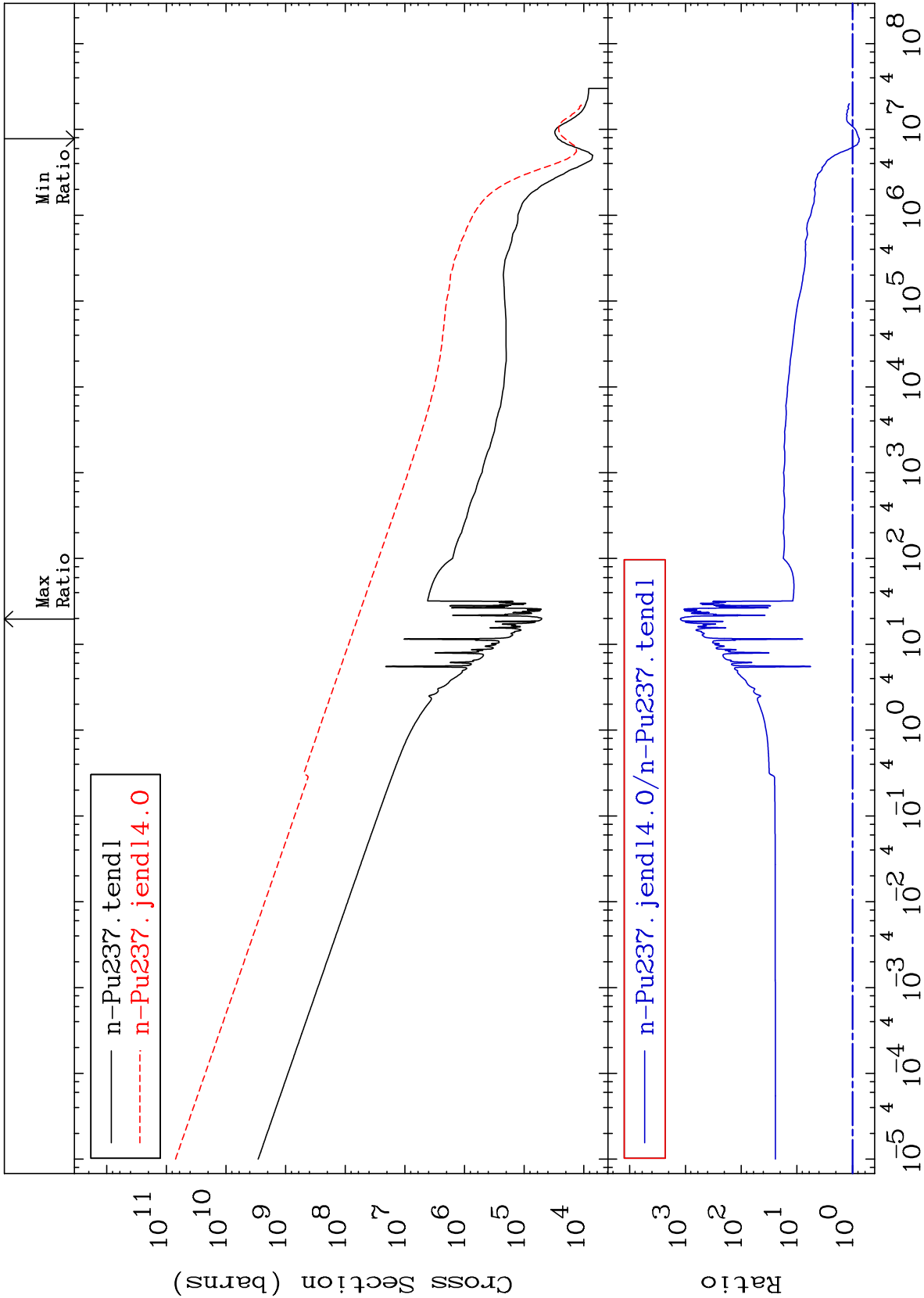
Cross Section

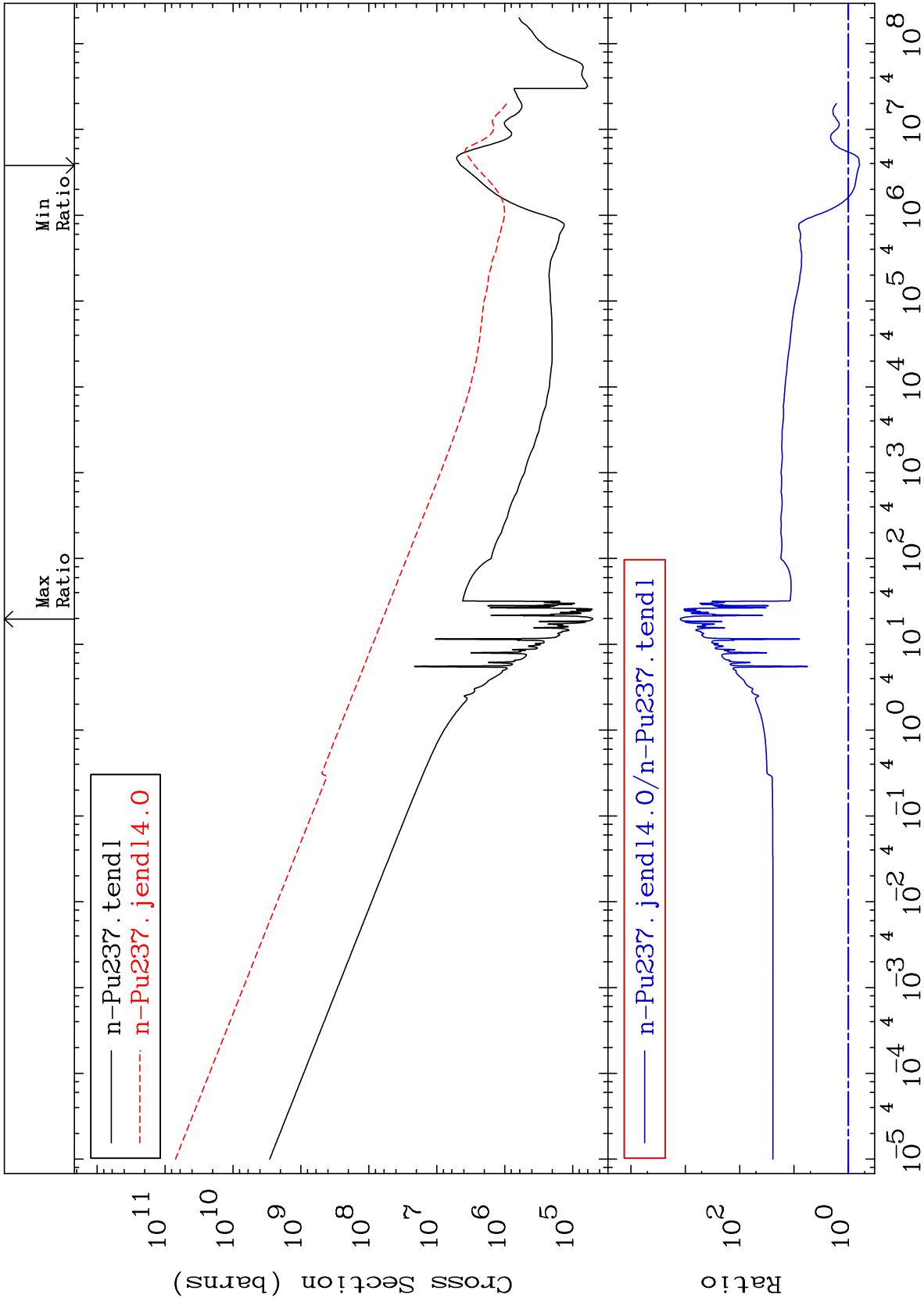
-46.50 To 1246. %

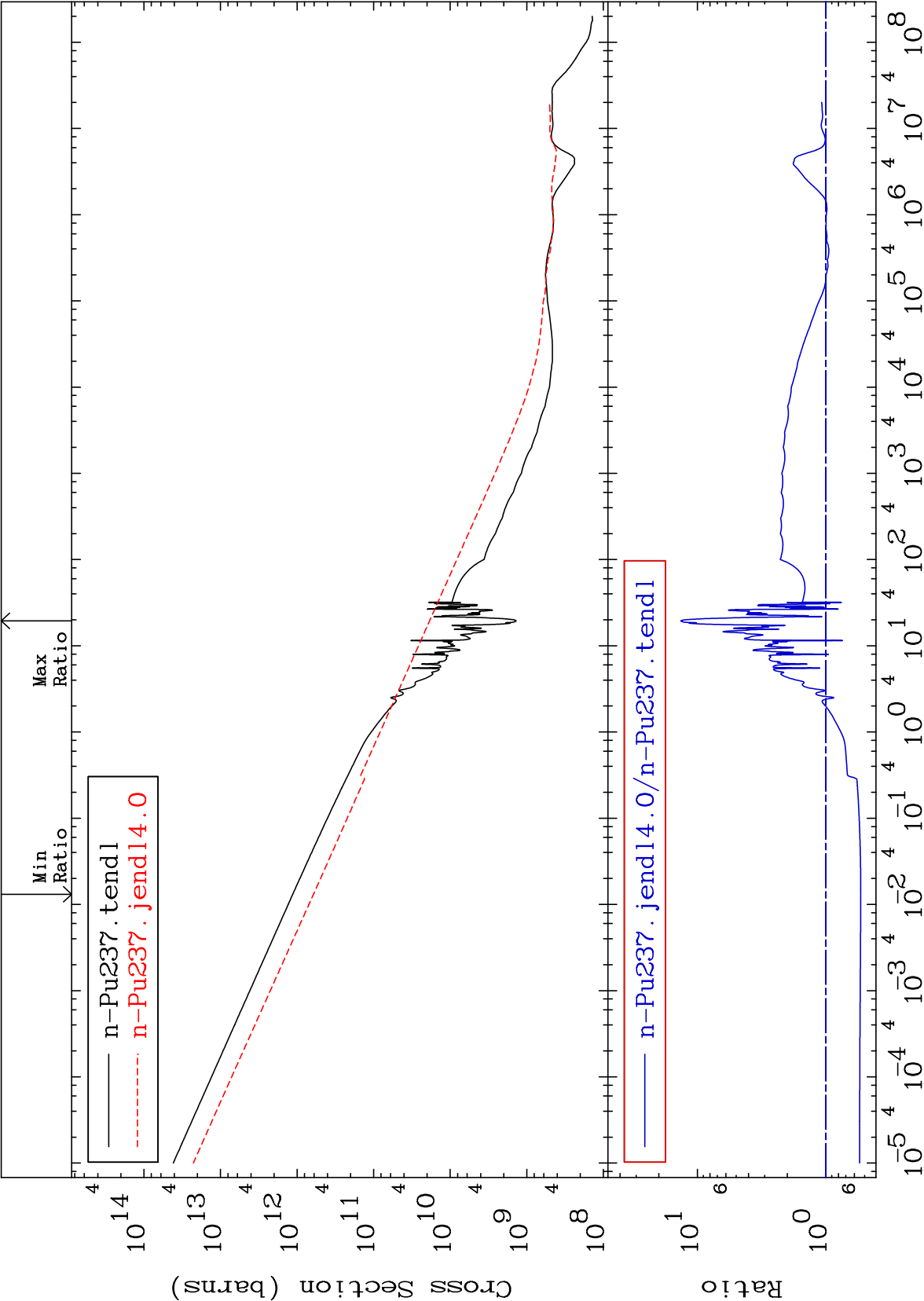


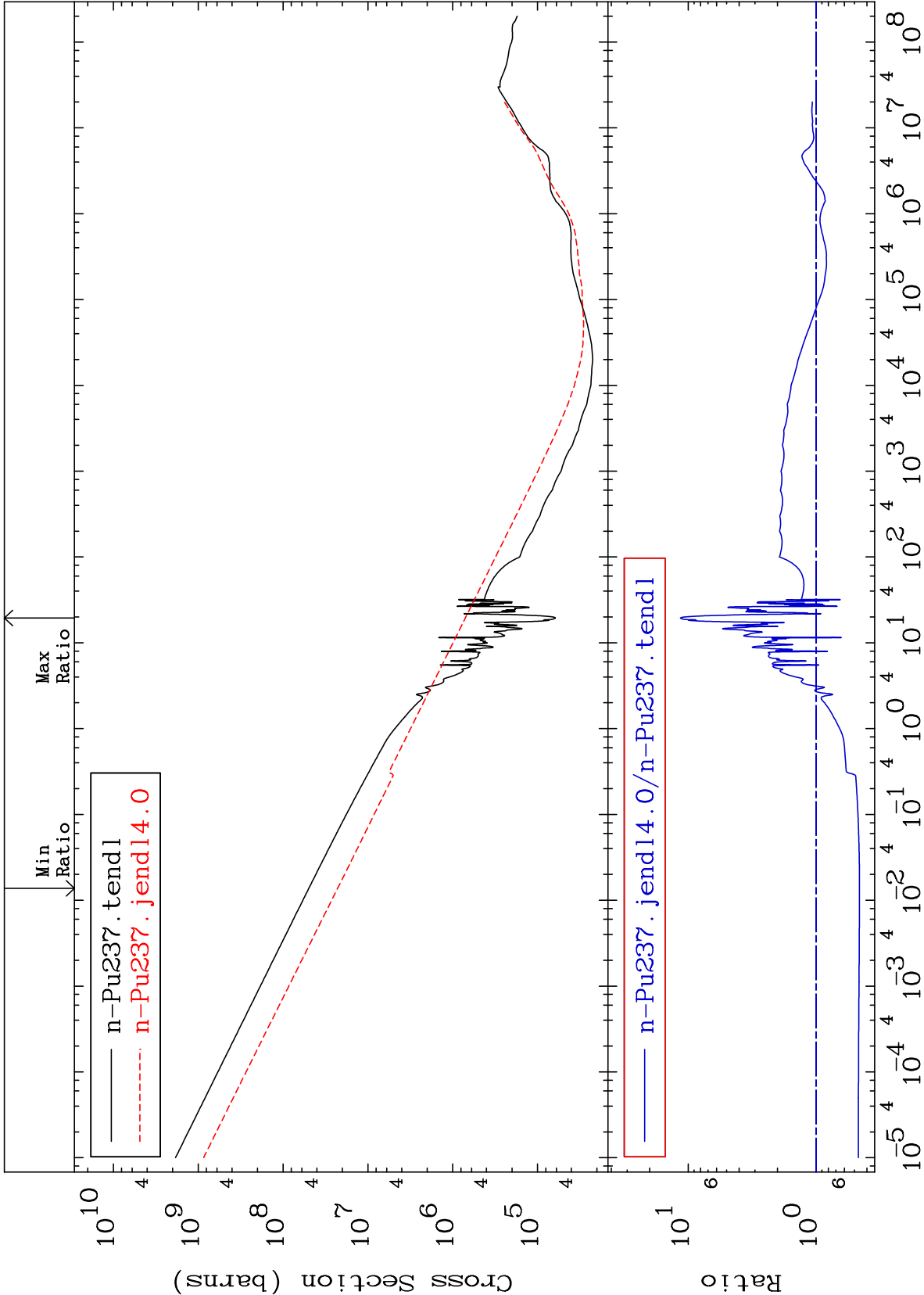
Cross Section

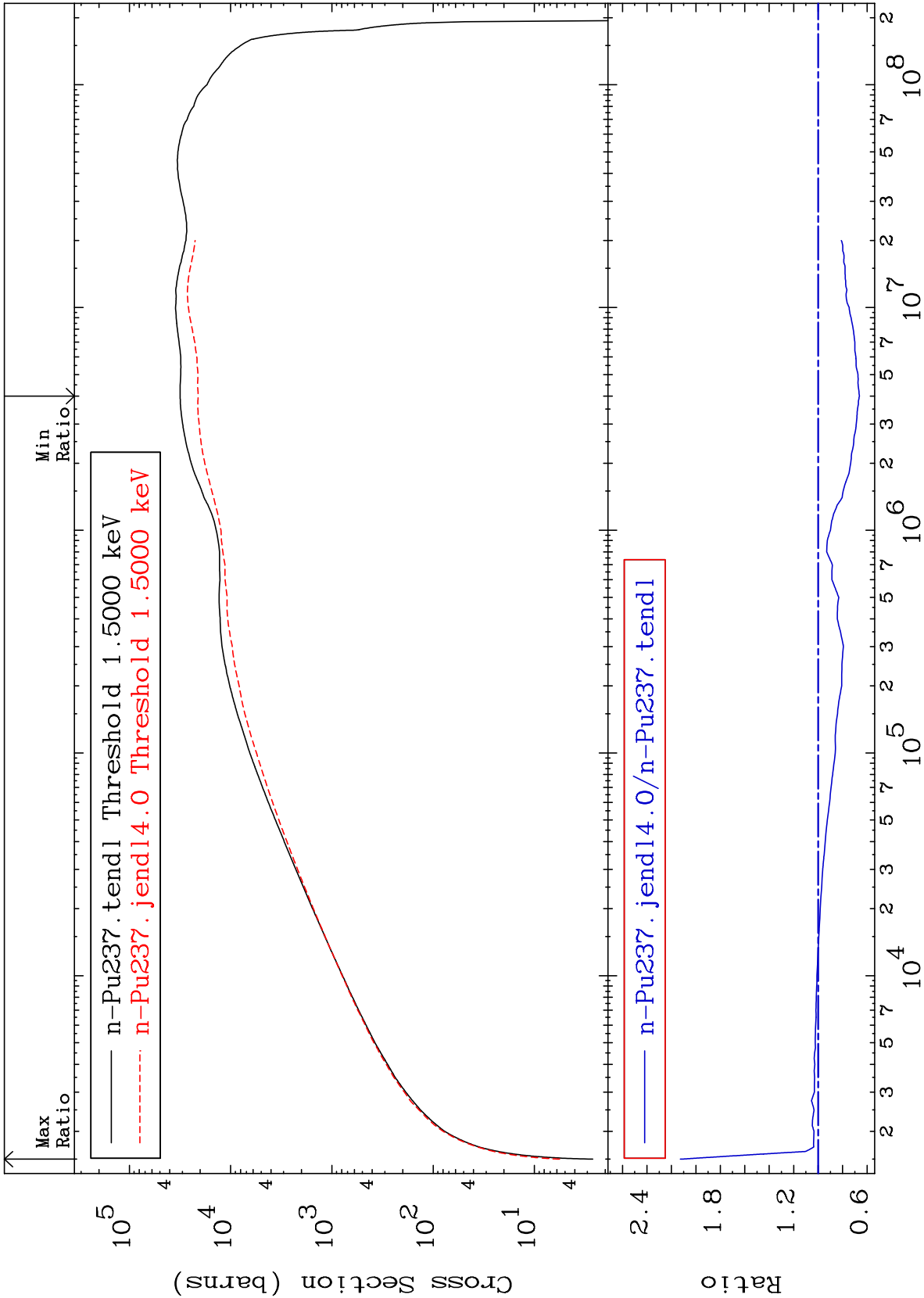
-24.62 To 9999. %





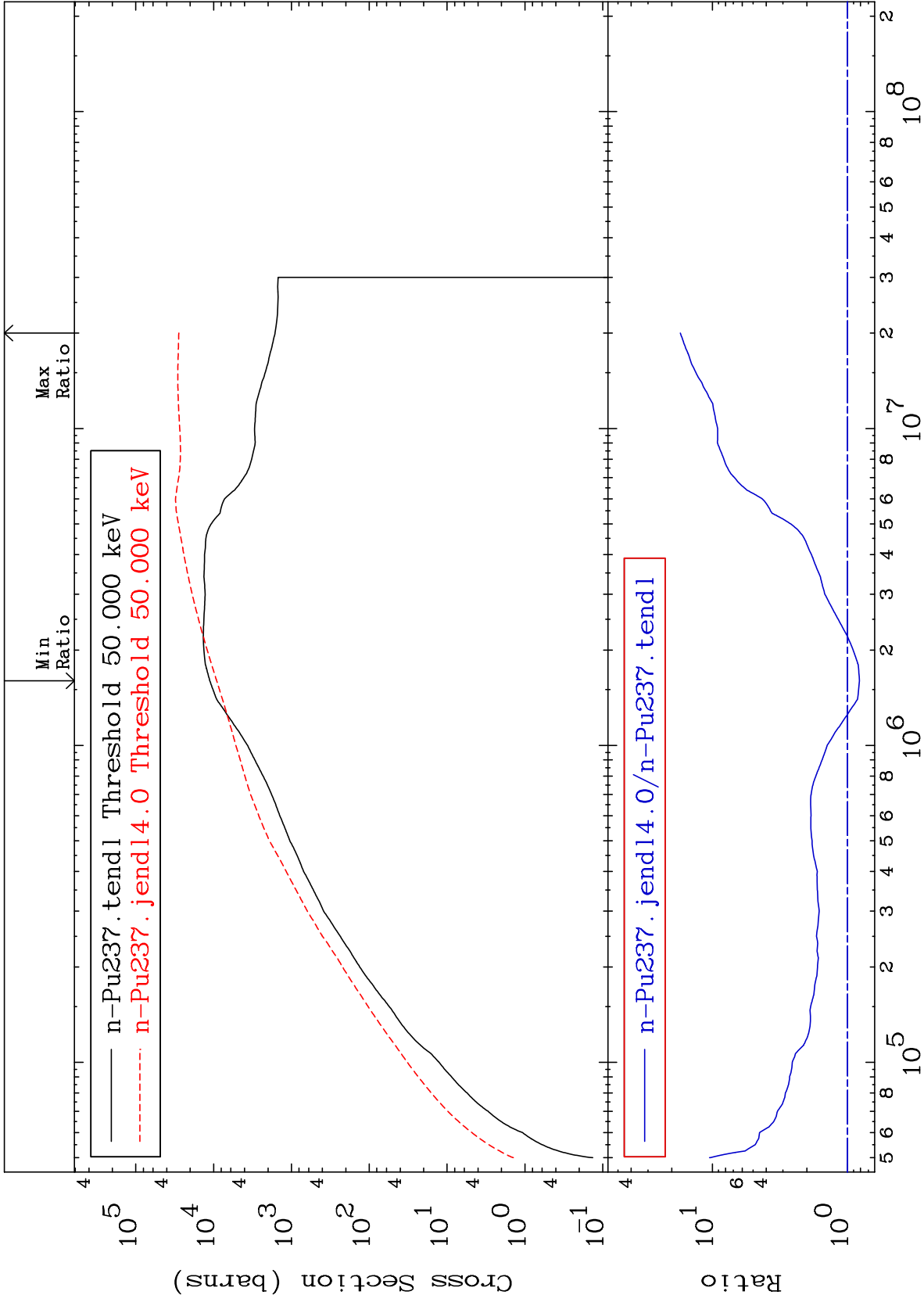






Cross Section

-18.46 To 1626. %



Cross Section

-100.0 To 9999. %

