

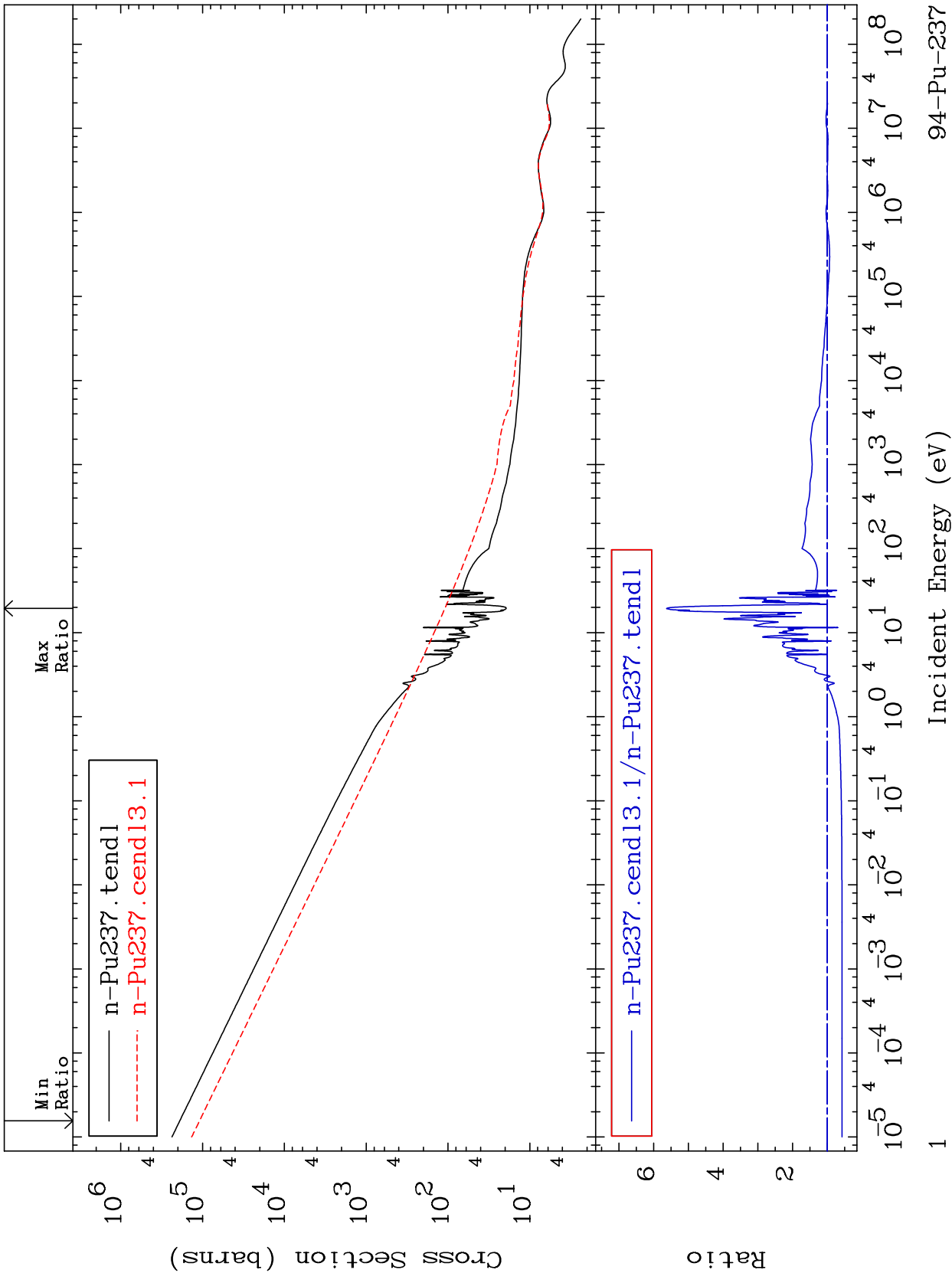
MAT 9431

Total

94-Pu-237

Cross Section

-42.59 To 462.8 %



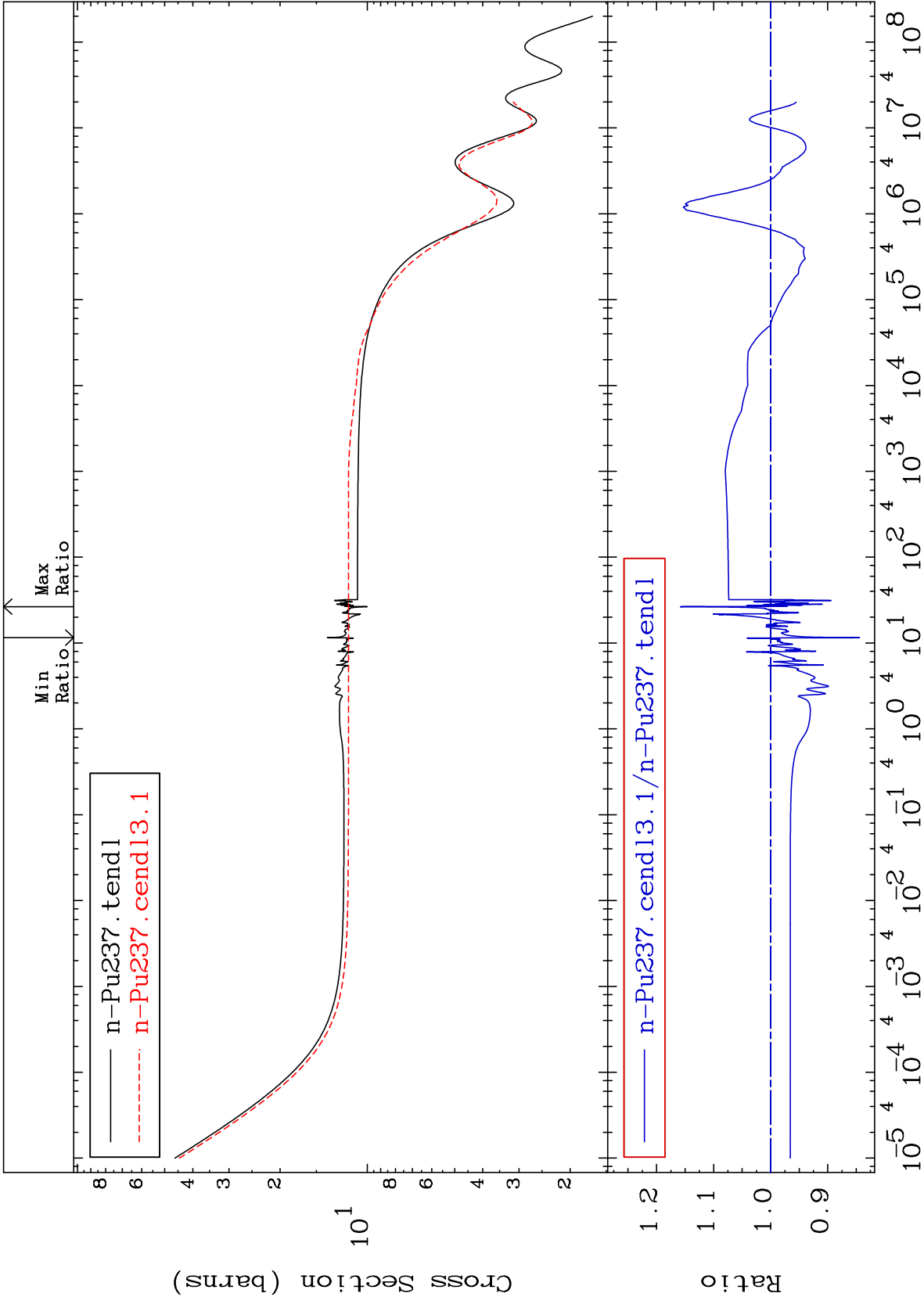
MAT 9431

Elastic

⁹⁴Pu-²³⁷

Cross Section

-15.55 To 15.87 %

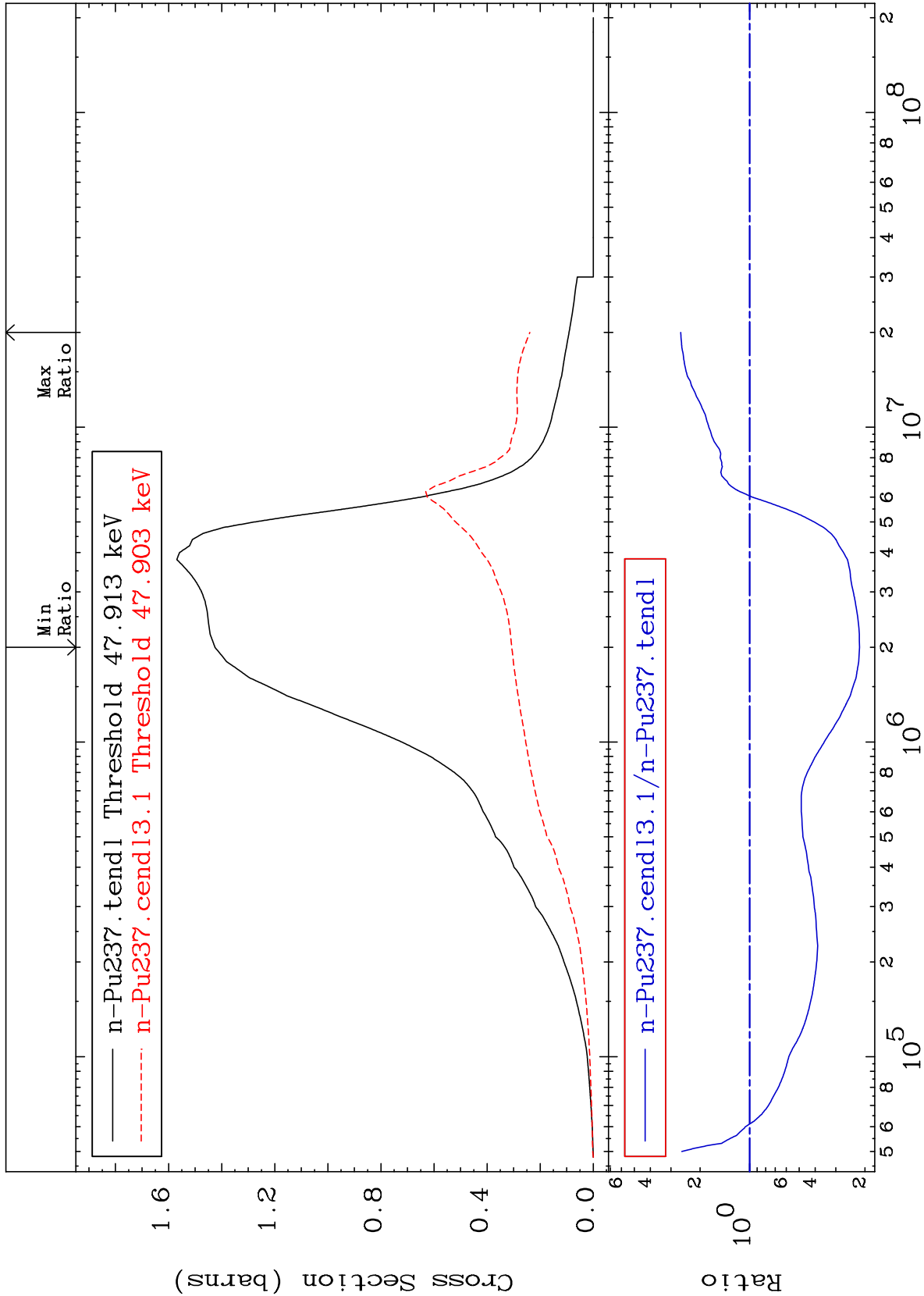


Incident Energy (eV)

⁹⁴Pu-²³⁷

Inelastic
Cross Section

-78.46 To 161.6 %



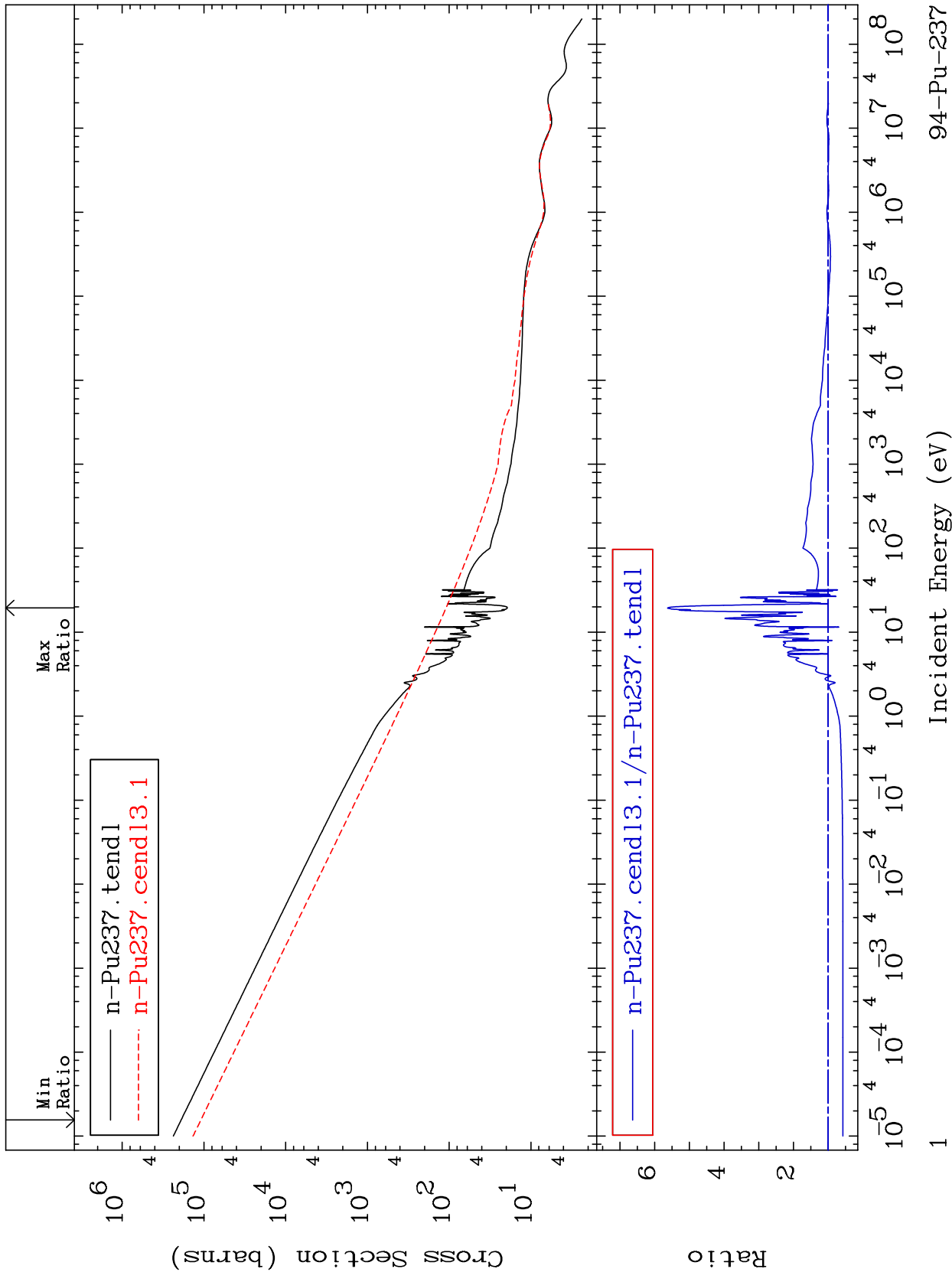
MAT 9431

Total

94-Pu-237

Cross Section

-42.59 To 462.8 %



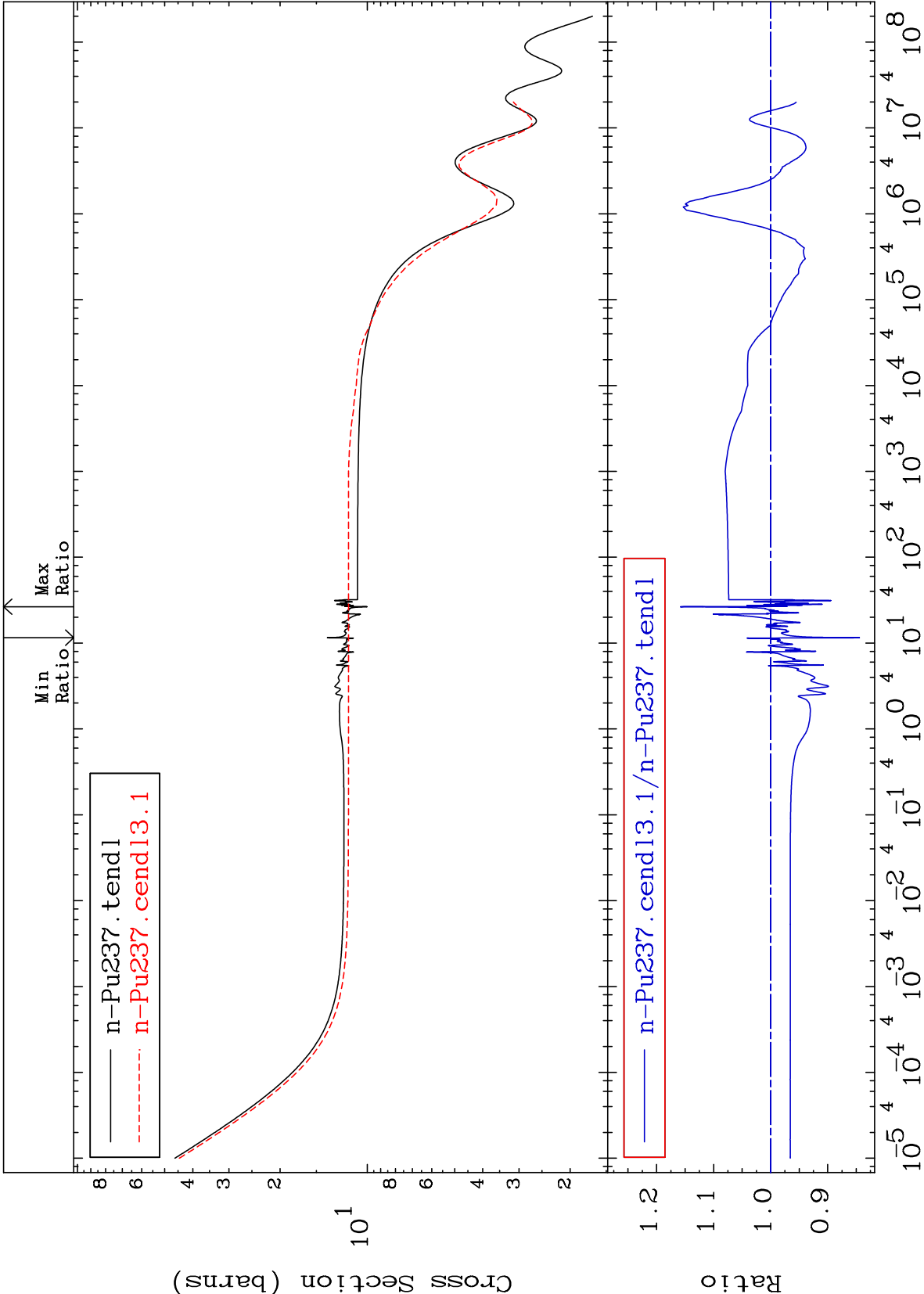
MAT 9431

Elastic

⁹⁴Pu-²³⁷

Cross Section

-15.55 To 15.87 %



Incident Energy (eV)

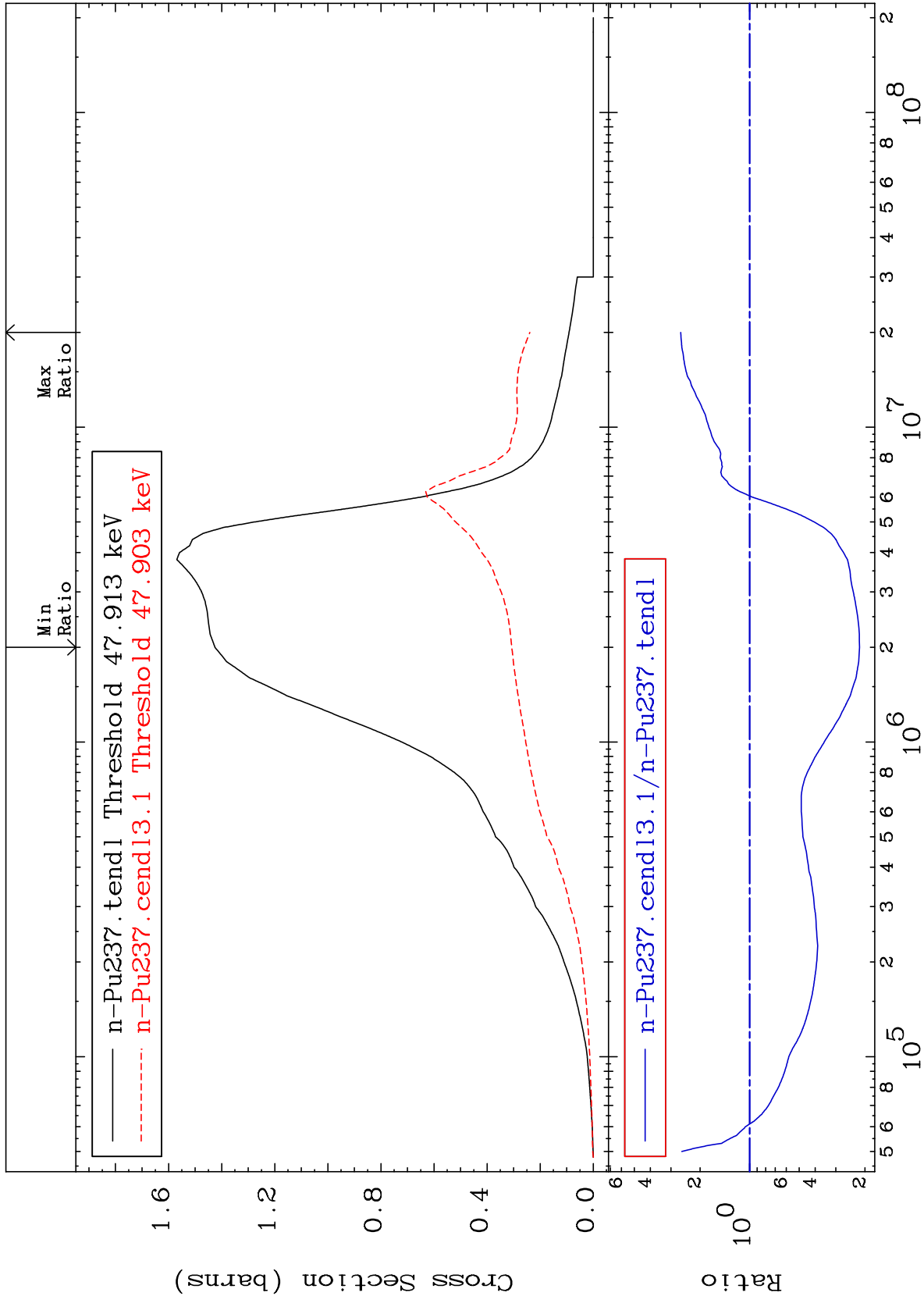
⁹⁴Pu-²³⁷

MAT 9431

94-Pu-237

Inelastic
Cross Section

-78.46 To 161.6 %



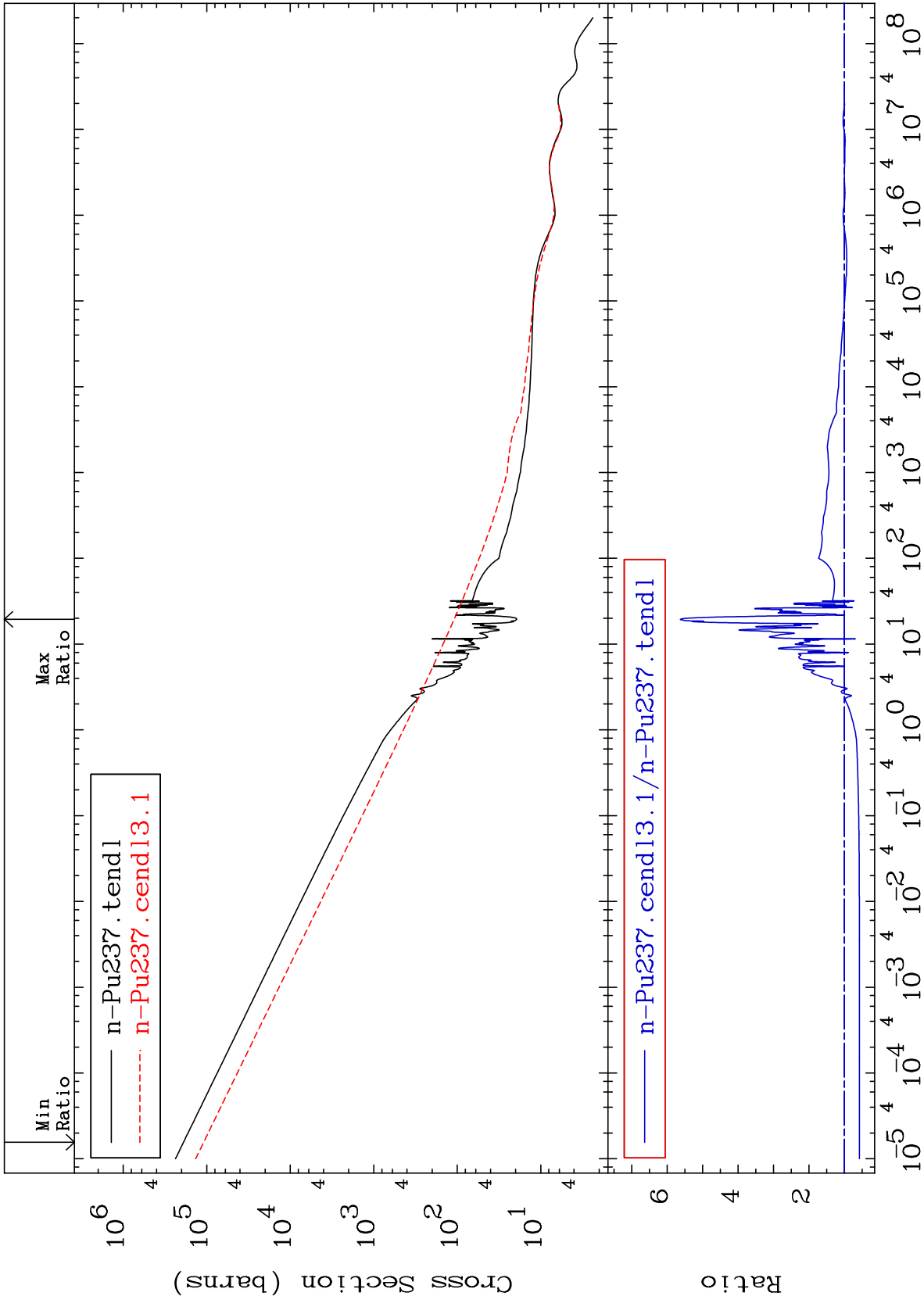
MAT 9431

Total

94-Pu-237

Cross Section

-42.59 To 462.8 %



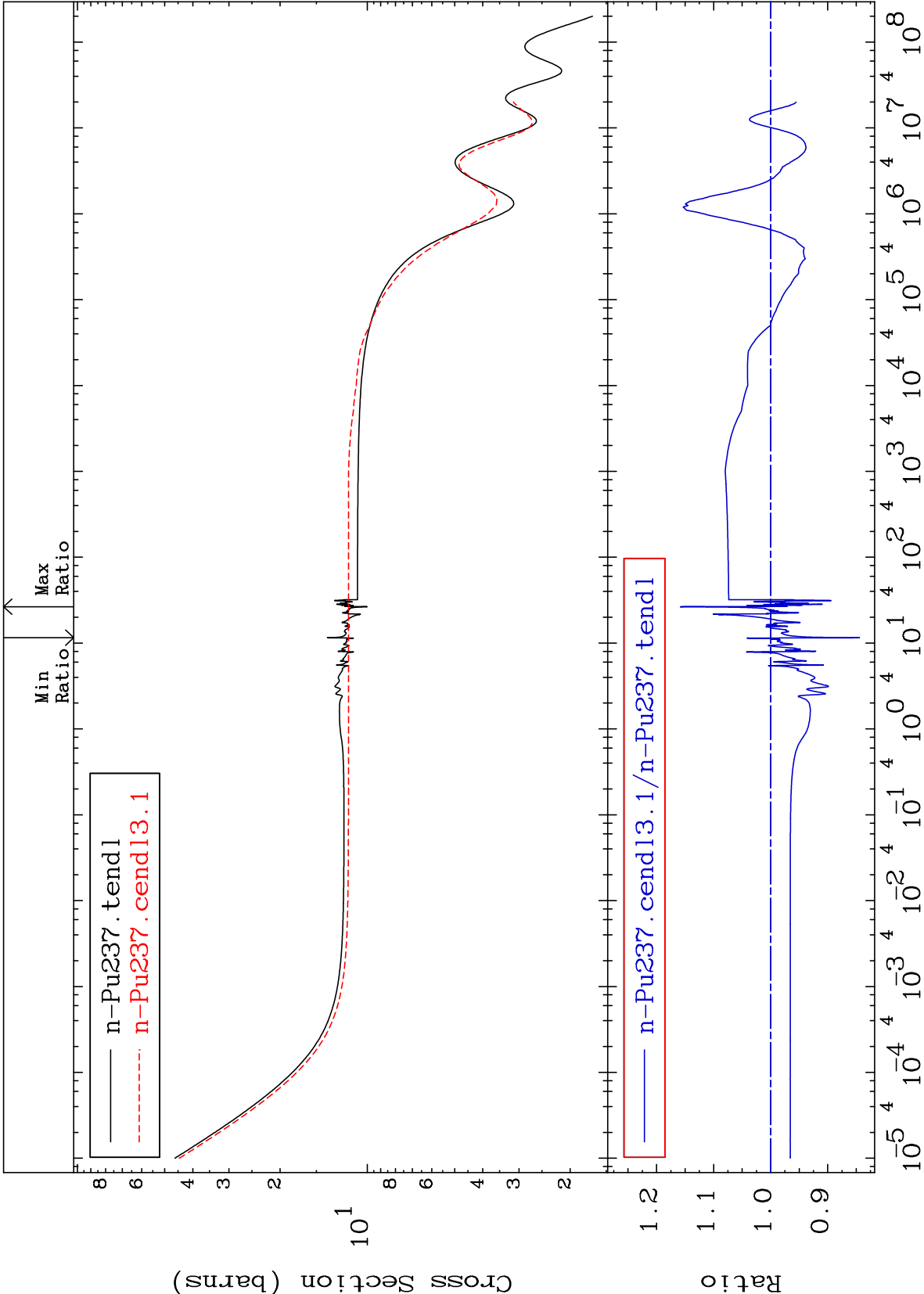
MAT 9431

Elastic

⁹⁴Pu-²³⁷

Cross Section

-15.55 To 15.87 %



Incident Energy (eV)

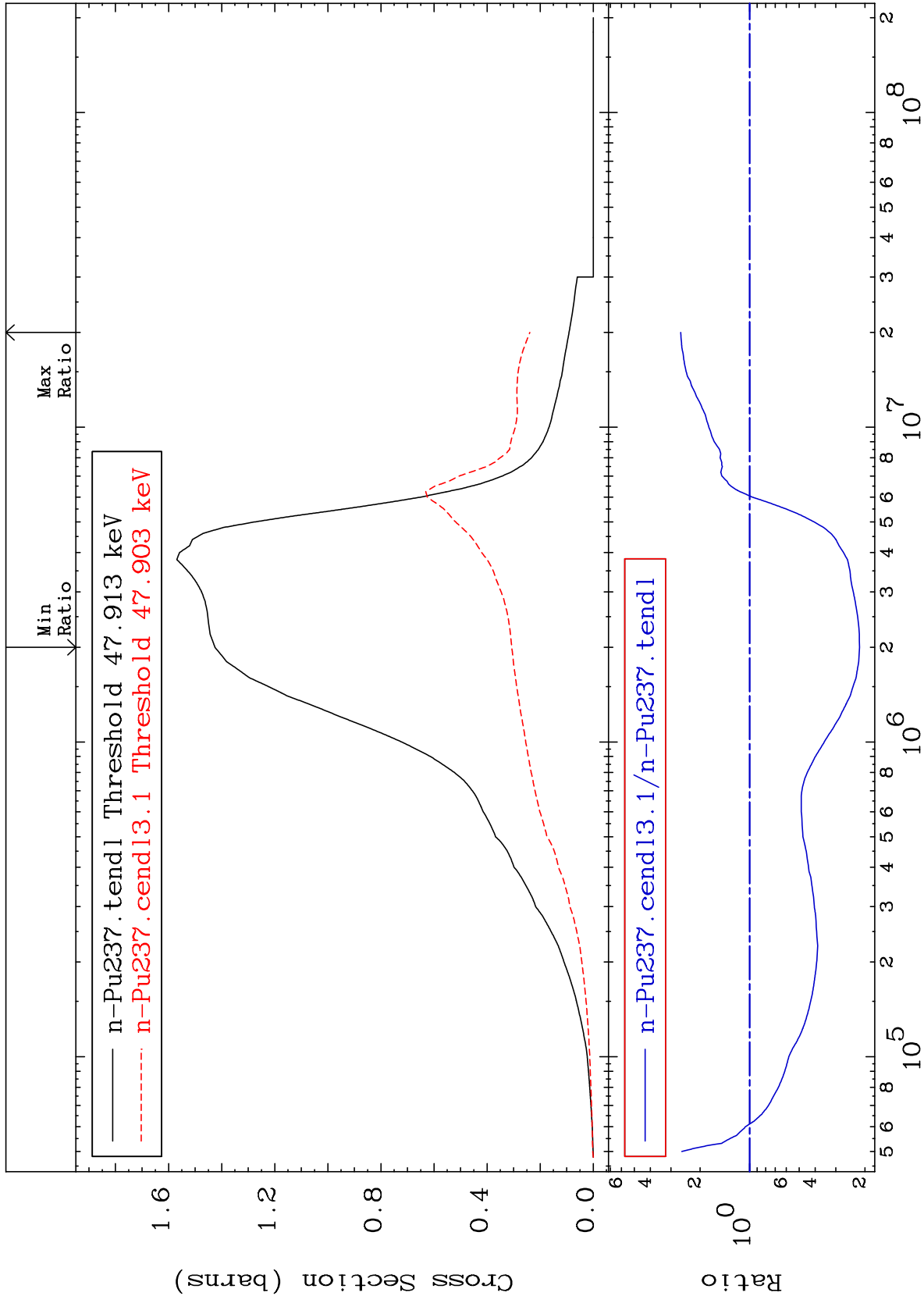
⁹⁴Pu-²³⁷

MAT 9431

94-Pu-237

Inelastic
Cross Section

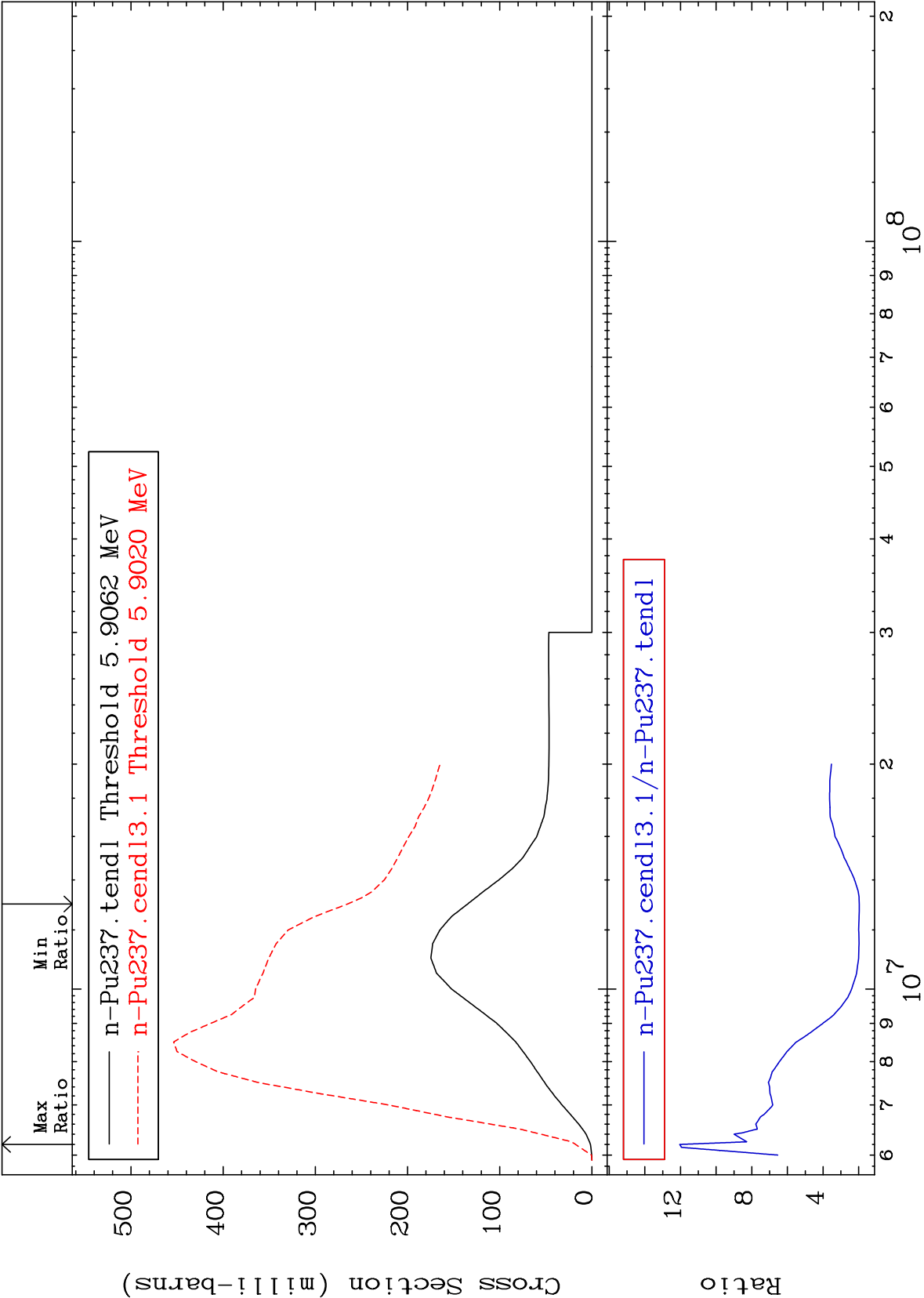
-78.46 To 161.6 %



MAT 9431

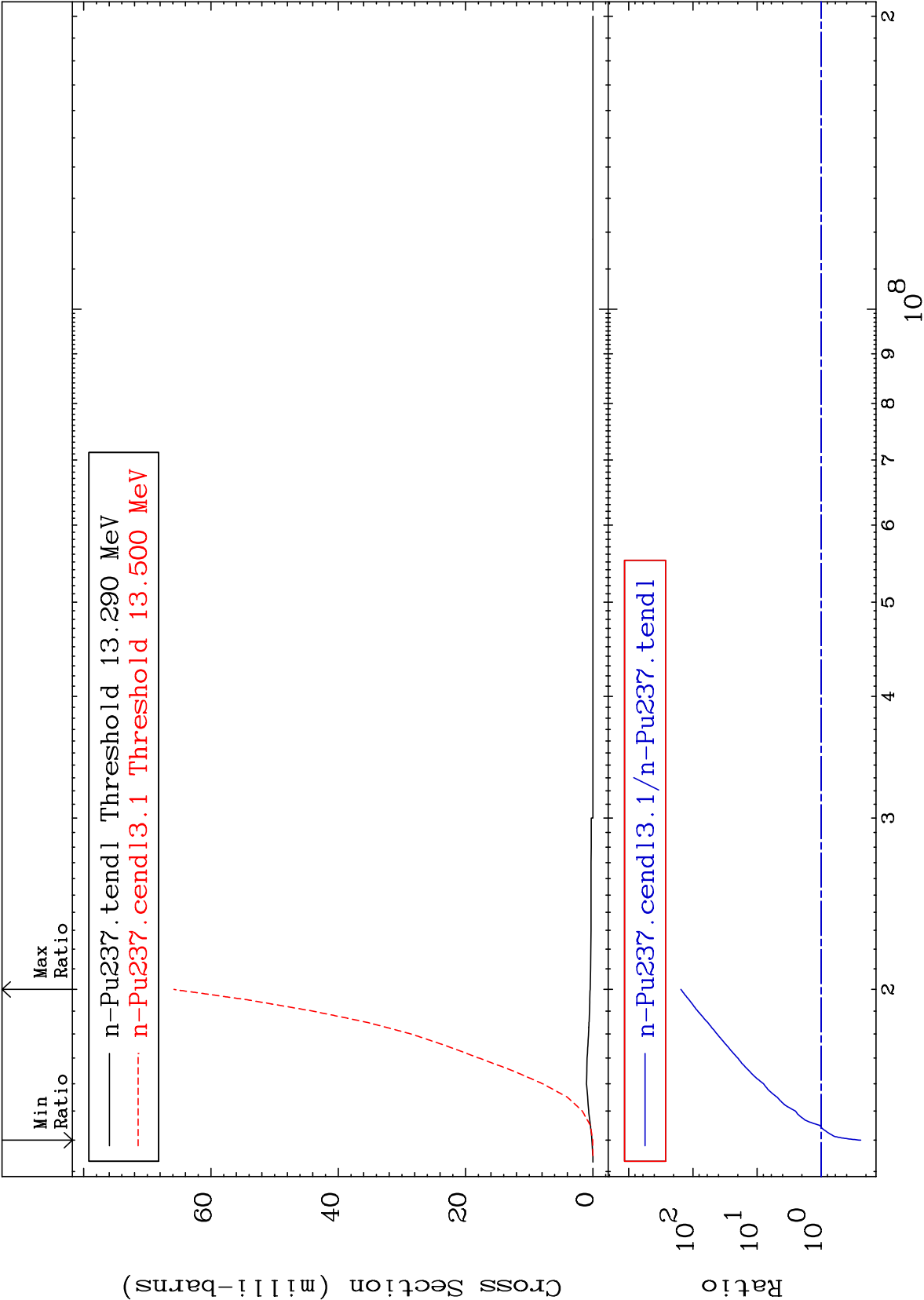
(n,2n)
Cross Section

94-Pu-237
96.77 To 1104. %



Incident Energy (eV)

94-Pu-237



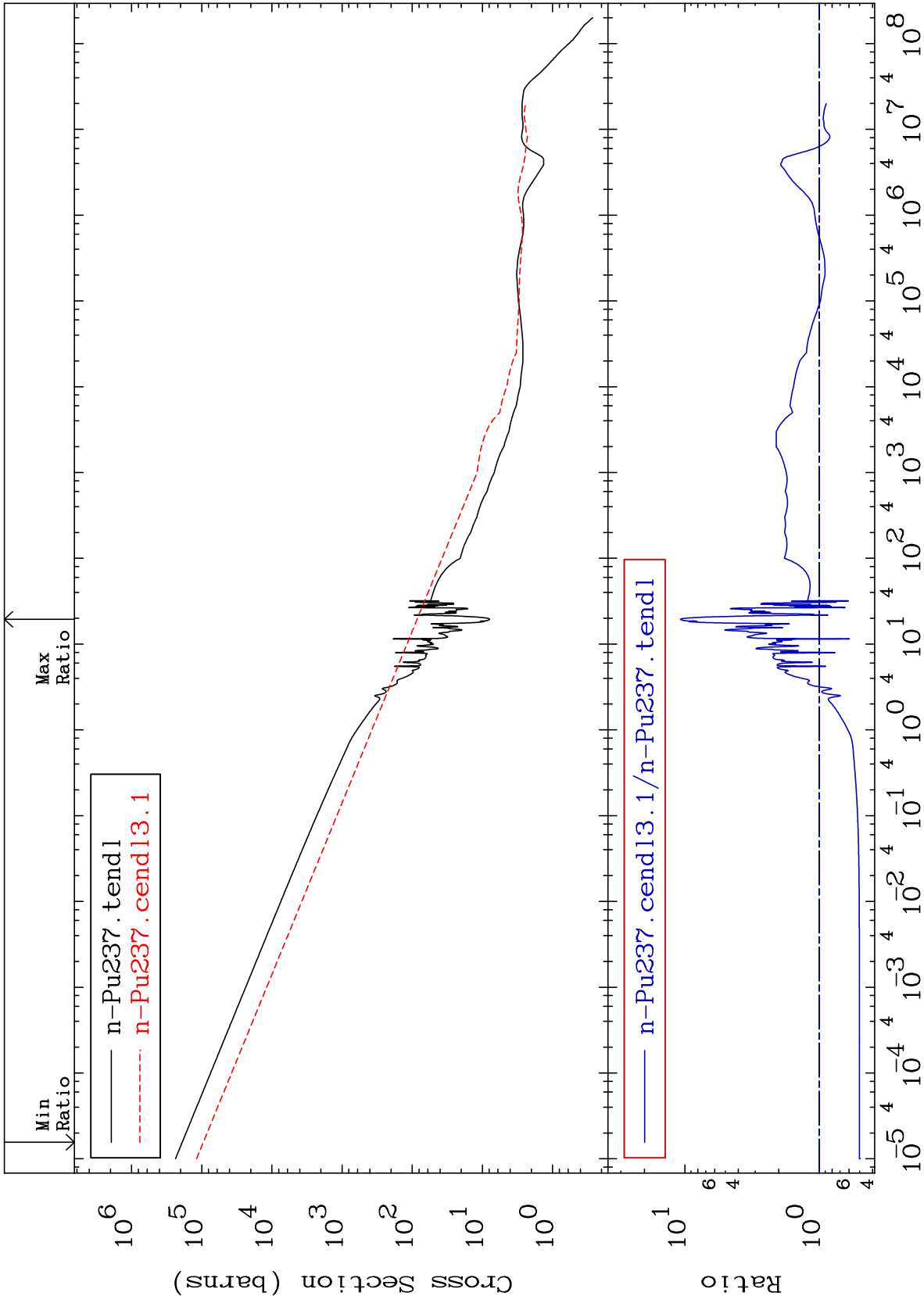
MAT 9431

Fission

94-Pu-237

Cross Section

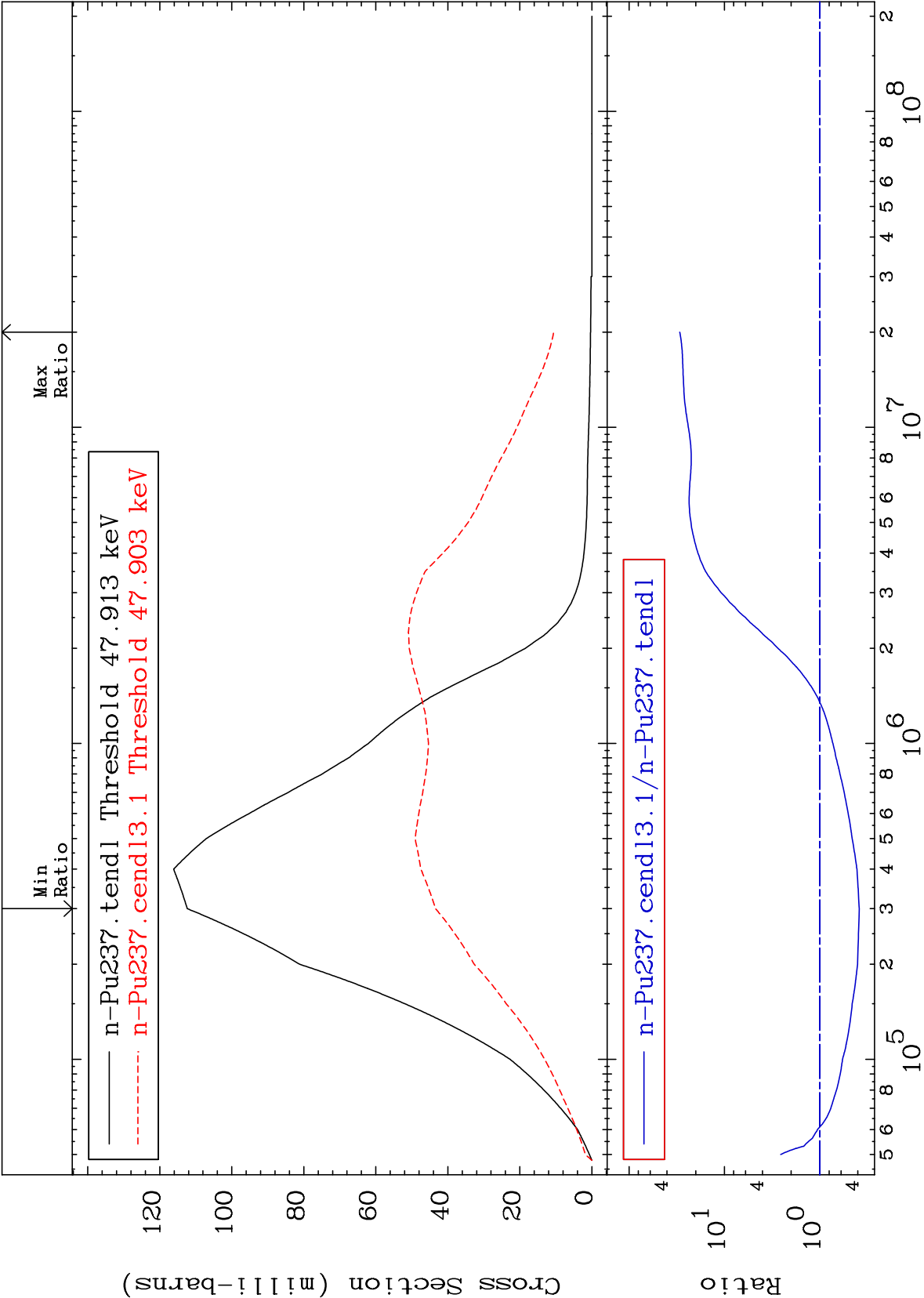
-49.87 To 980.4 %



MAT 9431

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

94-Pu-237
-61.37 To 2841. %



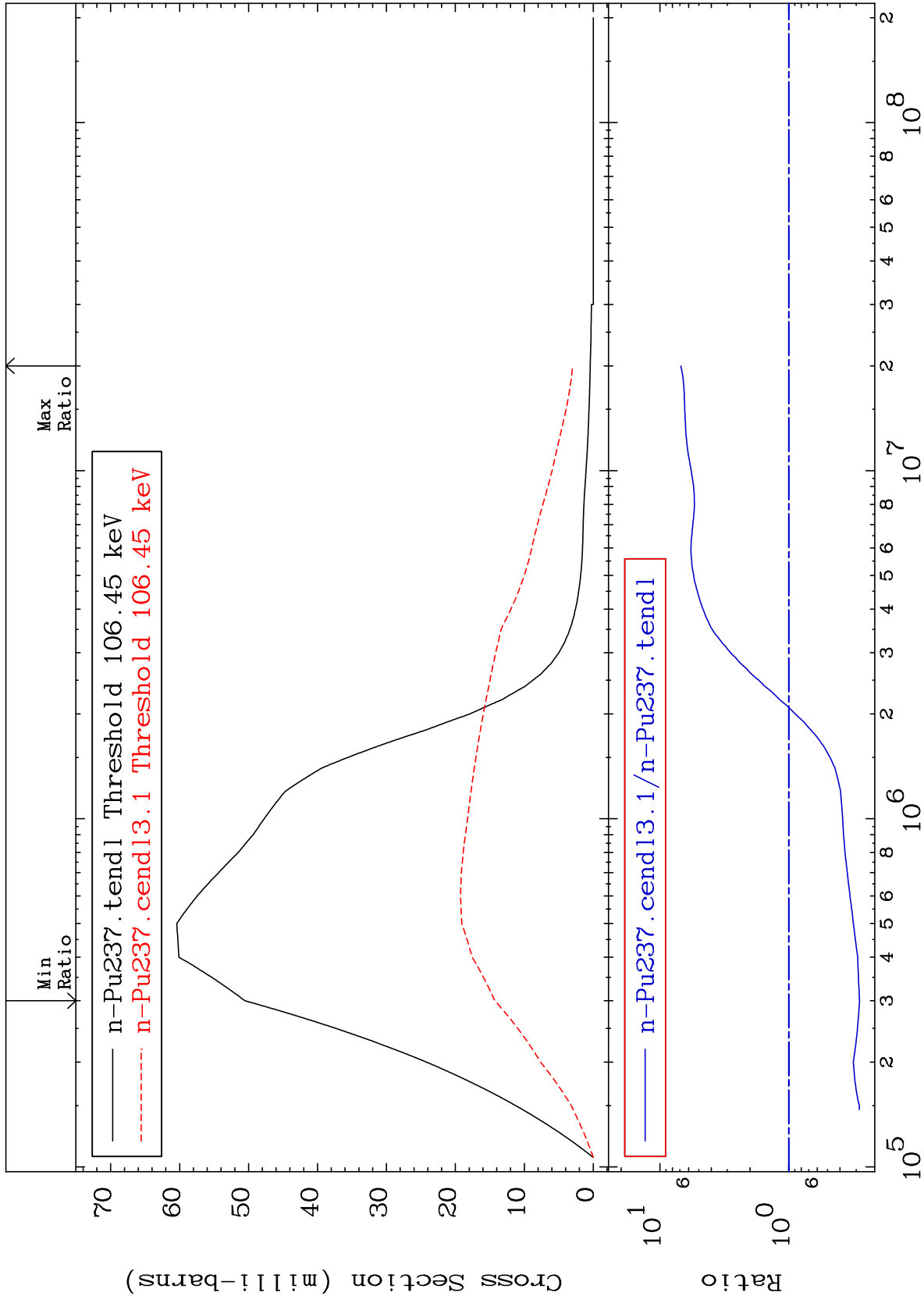
MAT 9431

MT= 52 (n,n') Level

94-Pu-237

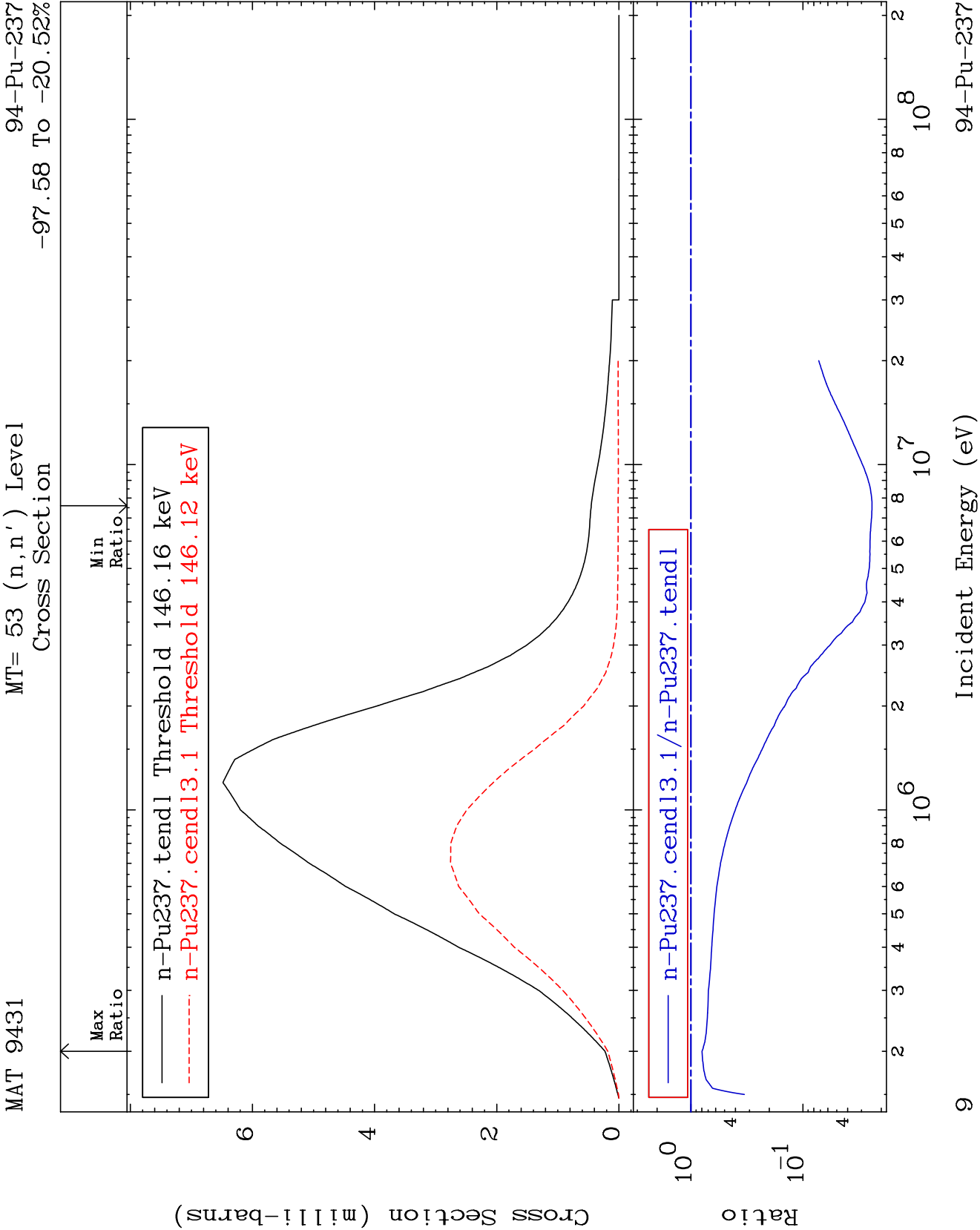
Cross Section

-71.76 To 589.9 %



Incident Energy (eV)

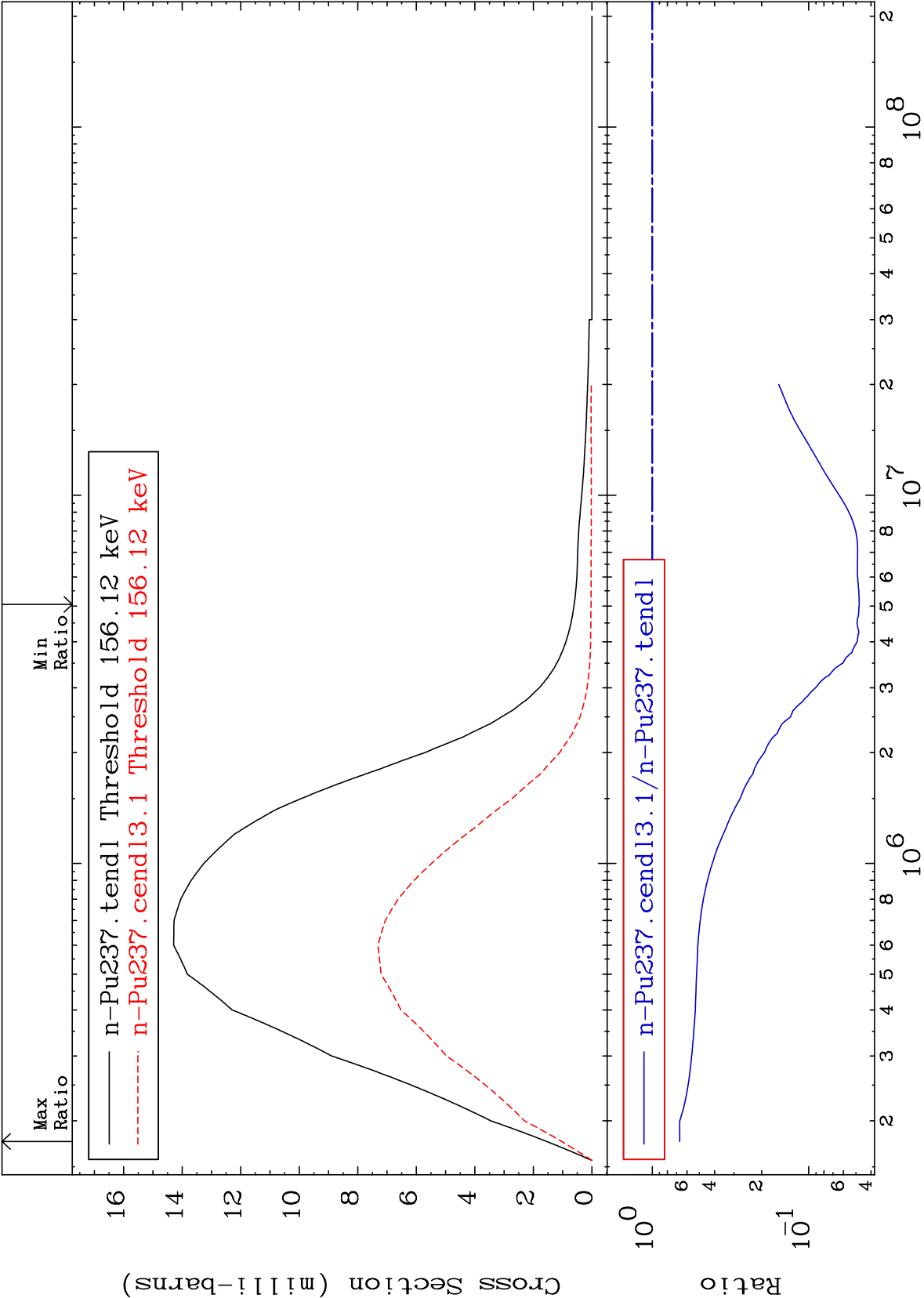
94-Pu-237



MAT 9431

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

94-Pu-237
-95.24 To -33.28%



10

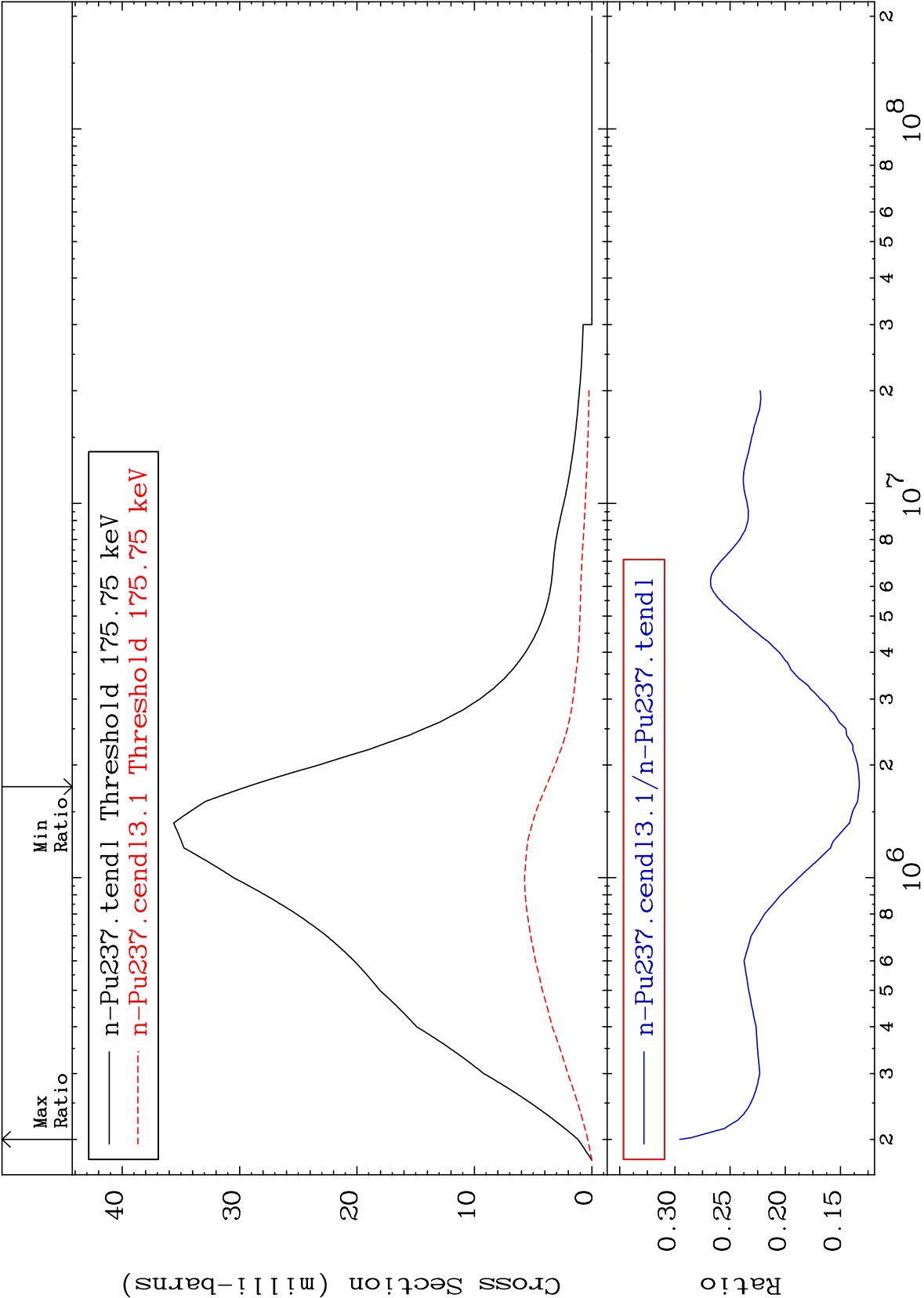
Incident Energy (eV)

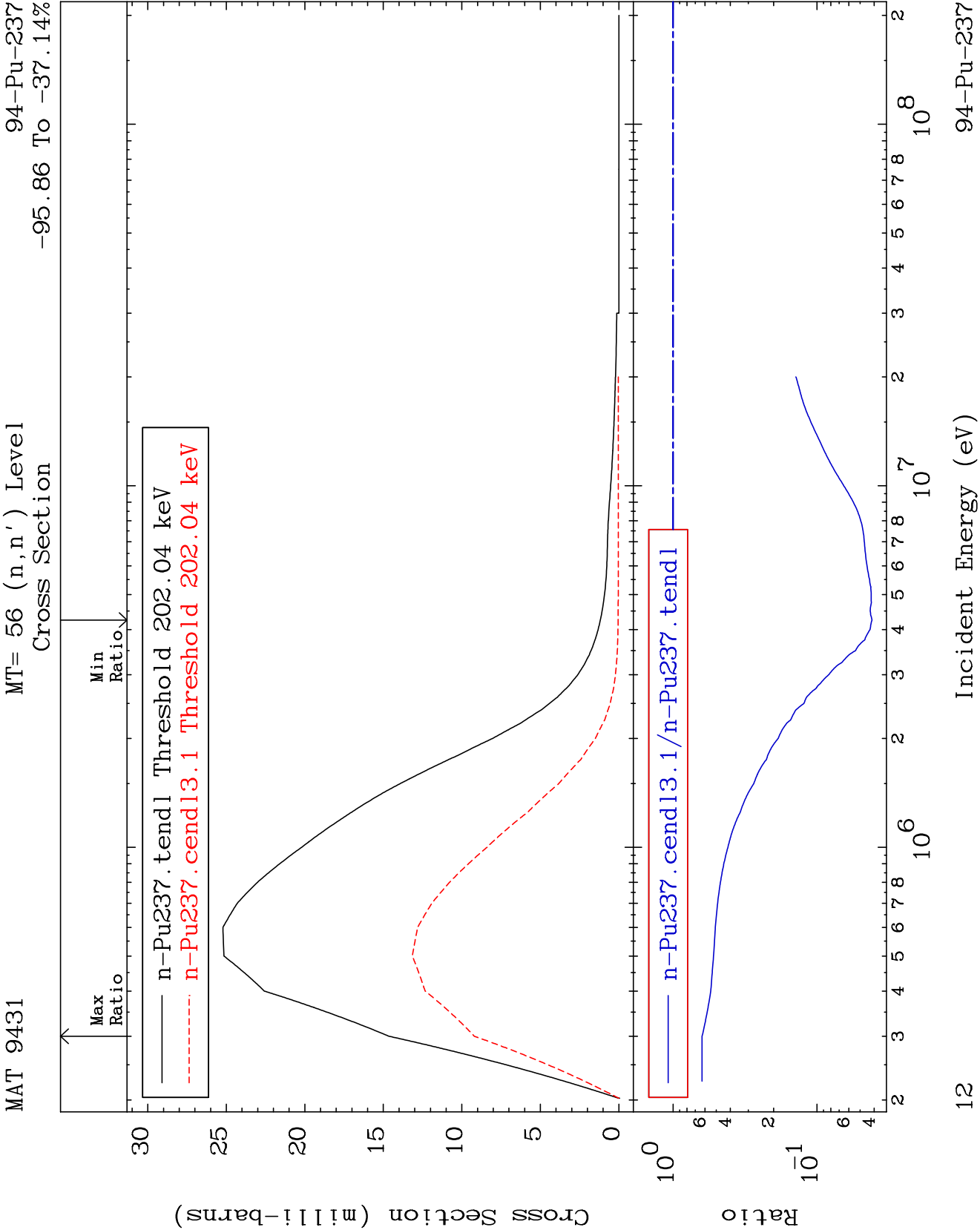
94-Pu-237

MAT 9431

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

94-Pu-237
-86.70 To -70.44%

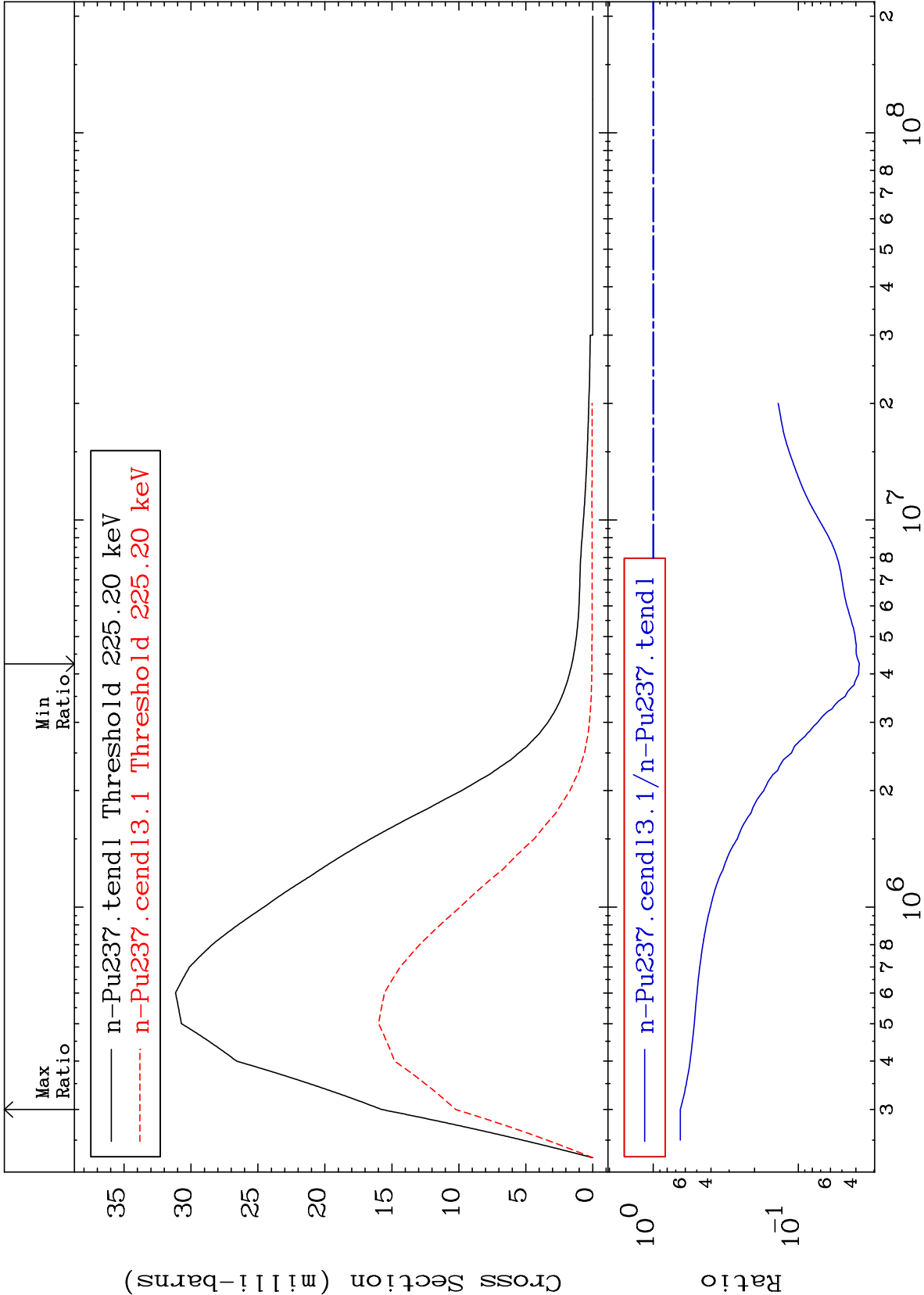


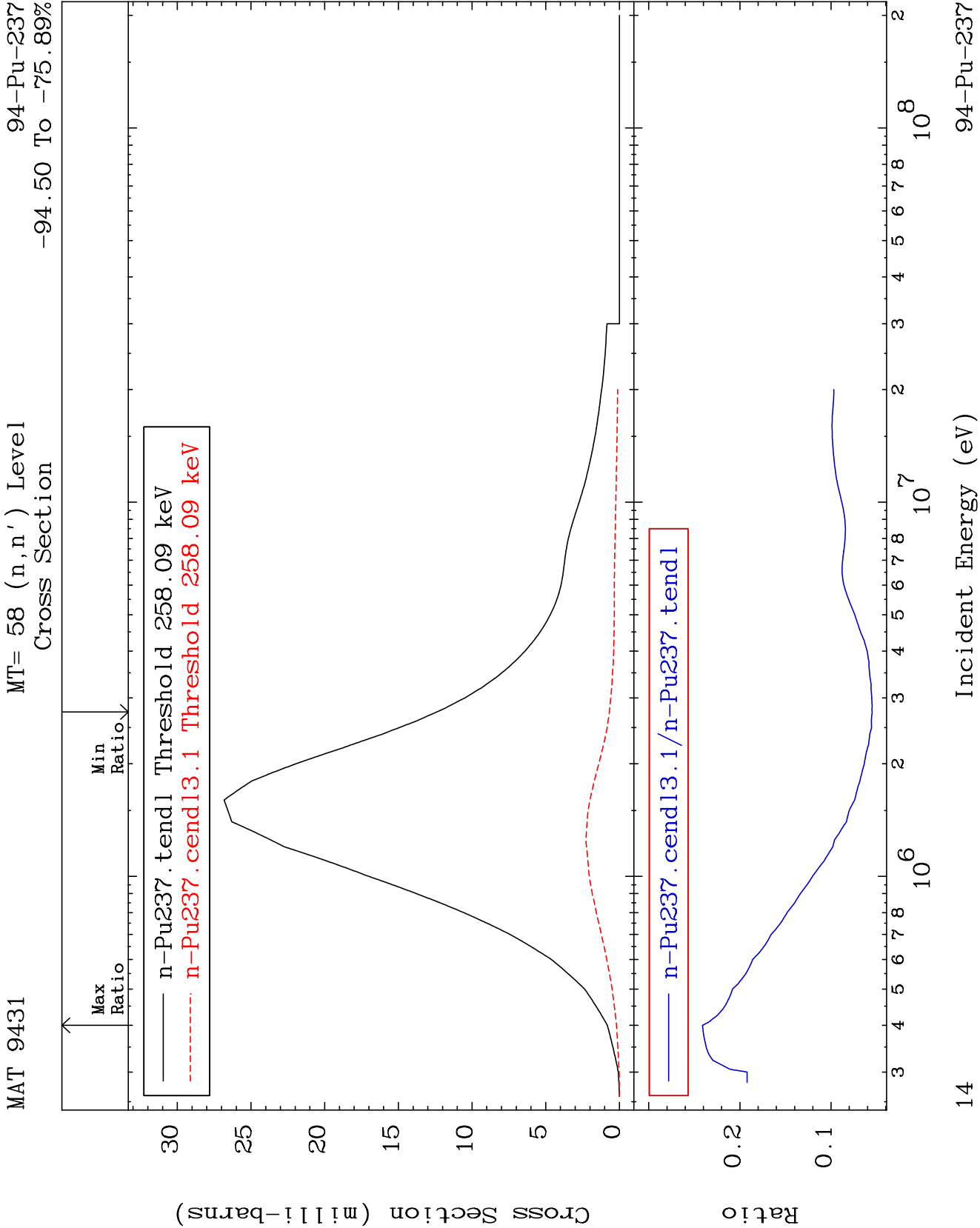


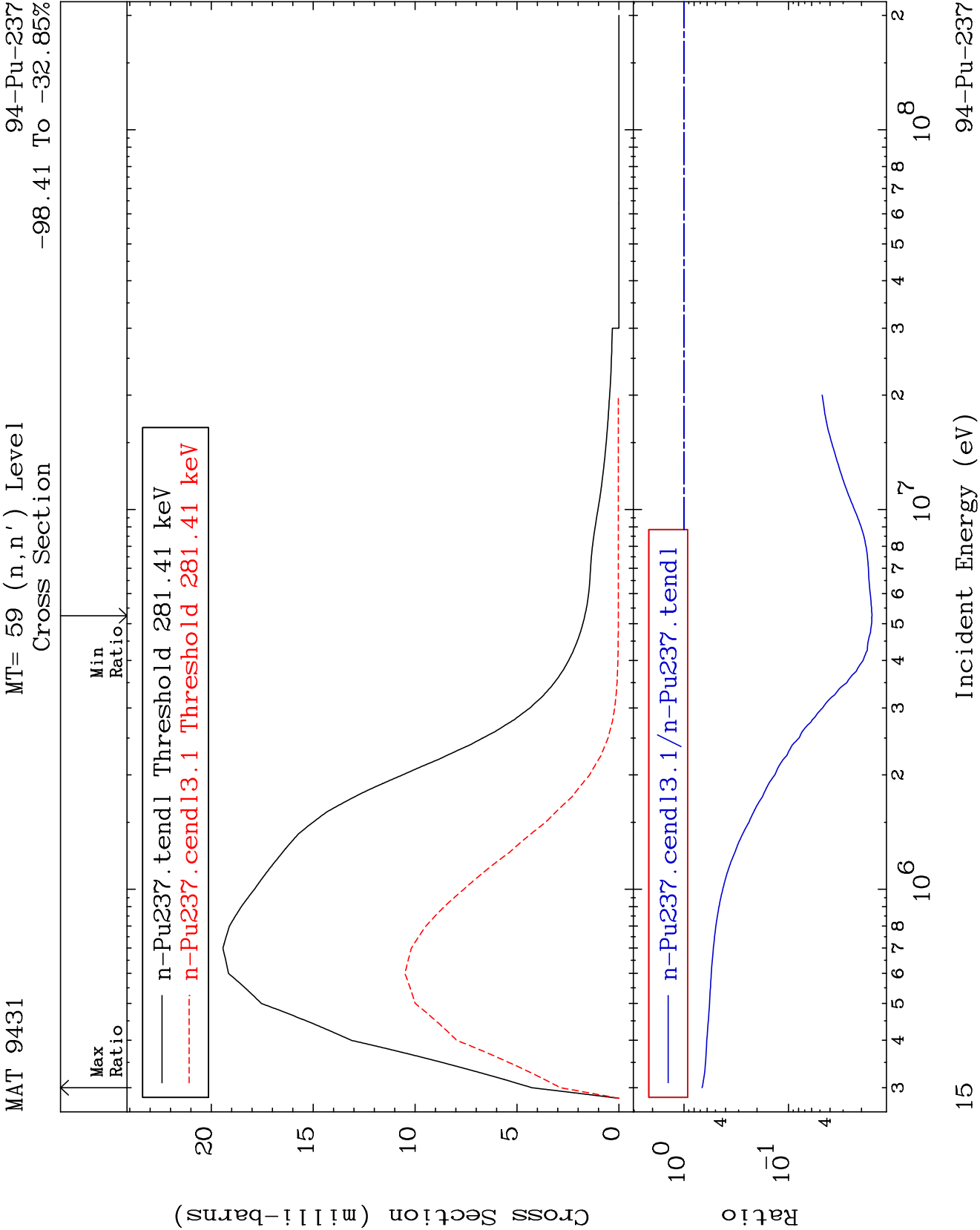
MAT 9431

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

94-Pu-237
-96.21 To -35.03%



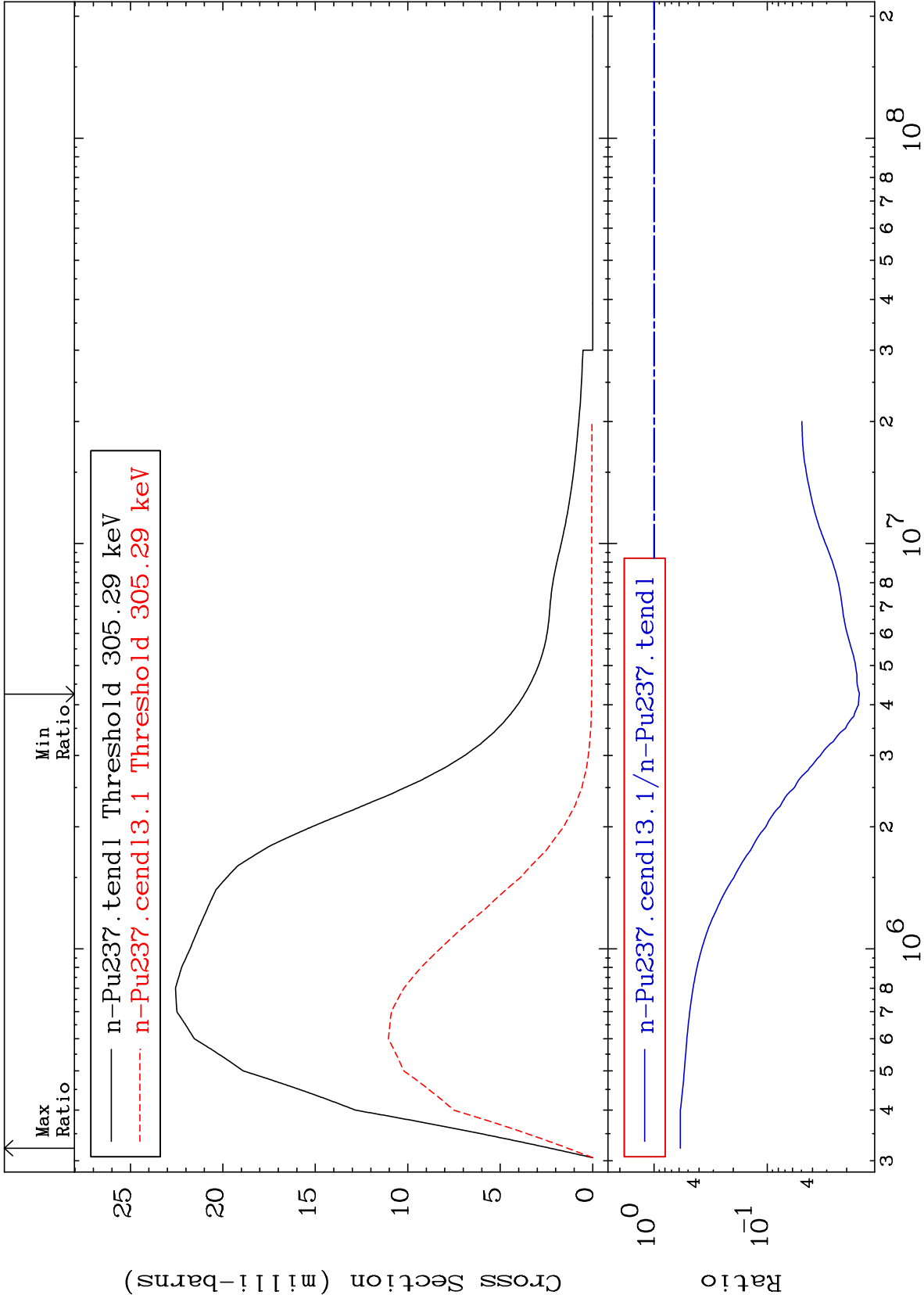




MAT 9431

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

94-Pu-237
-98.46 To -41.46%

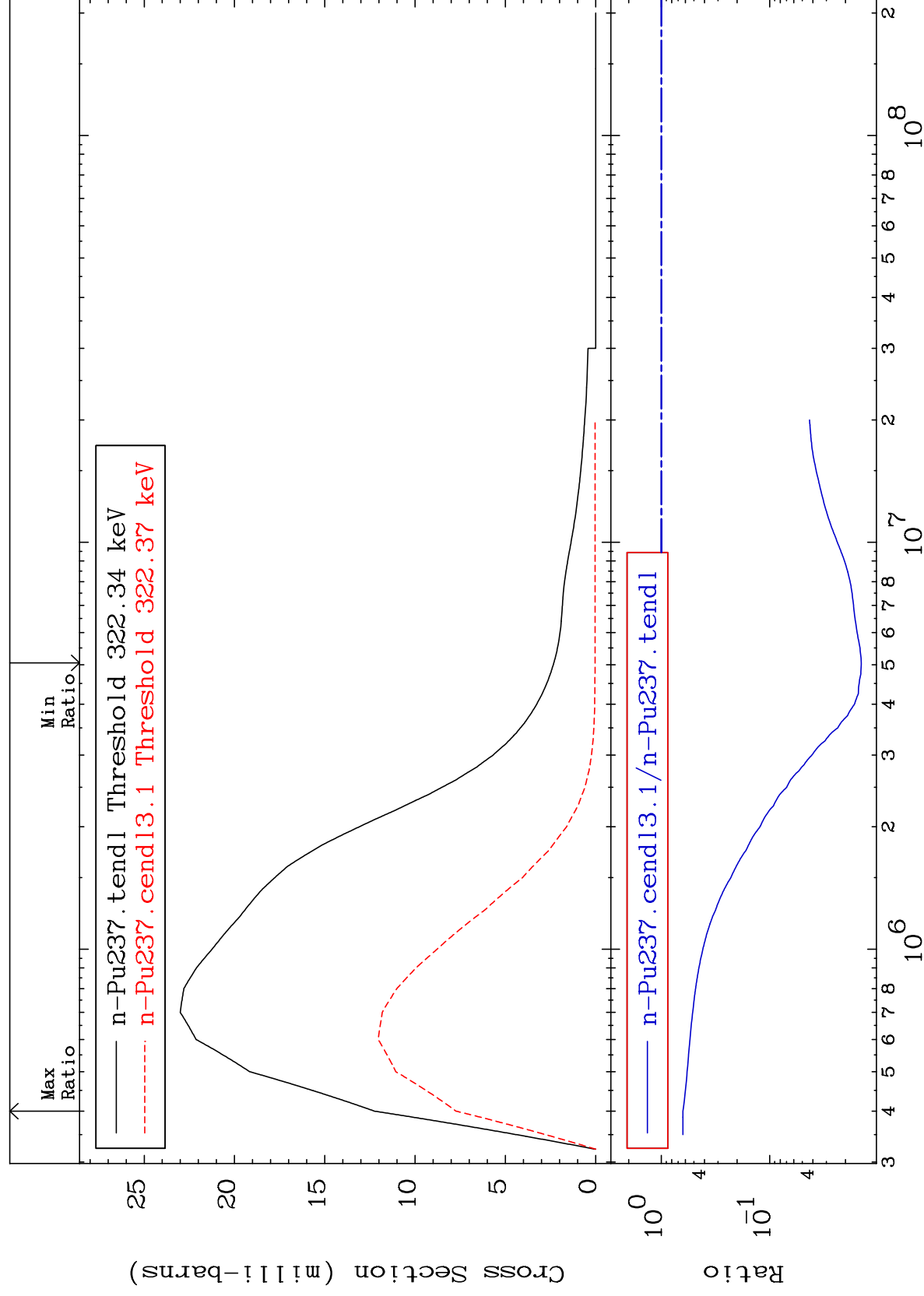


16

MAT 9431

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

94-Pu-237
-98.57 To -36.90%



21

Incident Energy (eV)

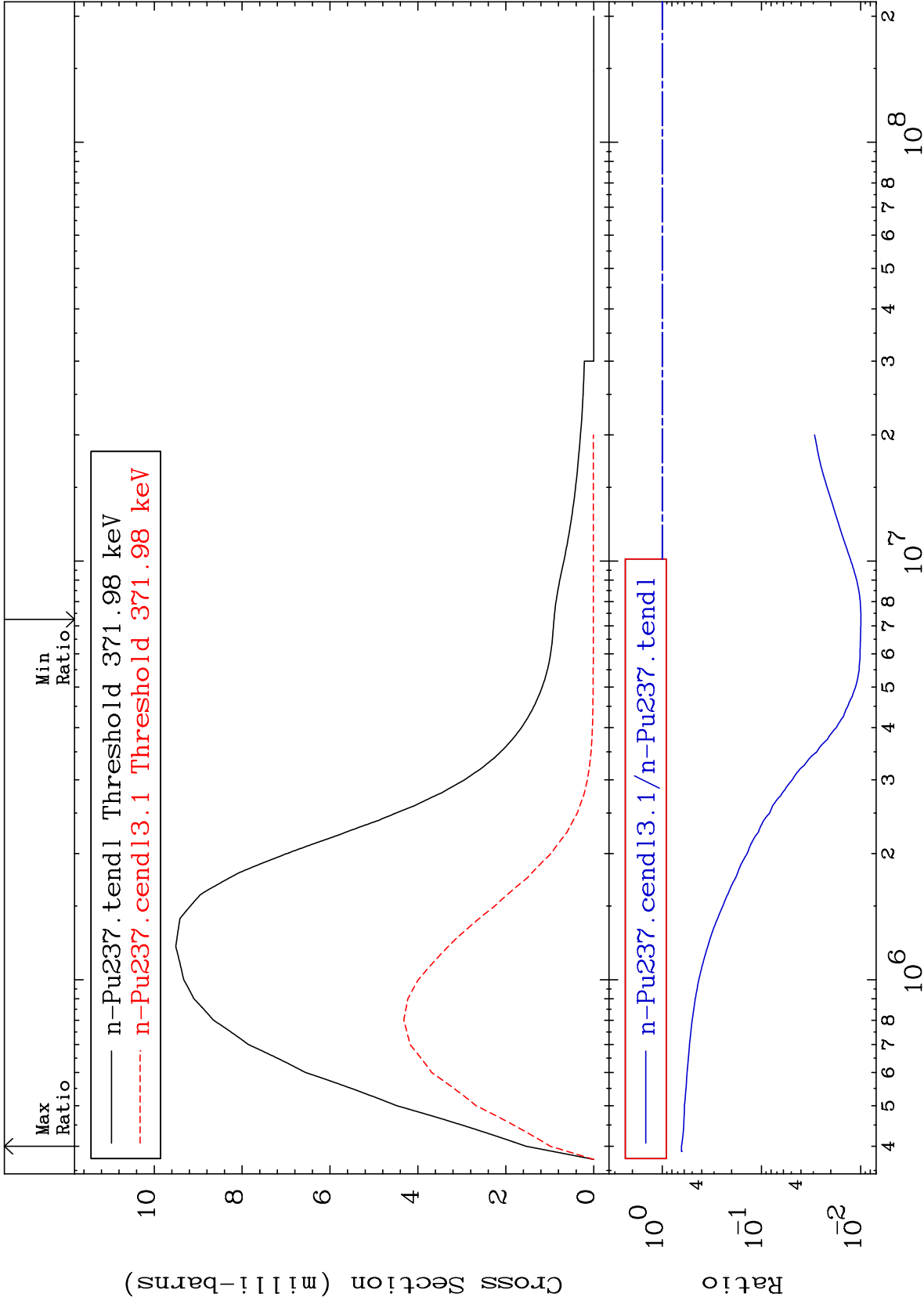
94-Pu-237

MAT 9431

MT= 62 (n,n') Level

94-Pu-237

-99.00 To -36.03%



18

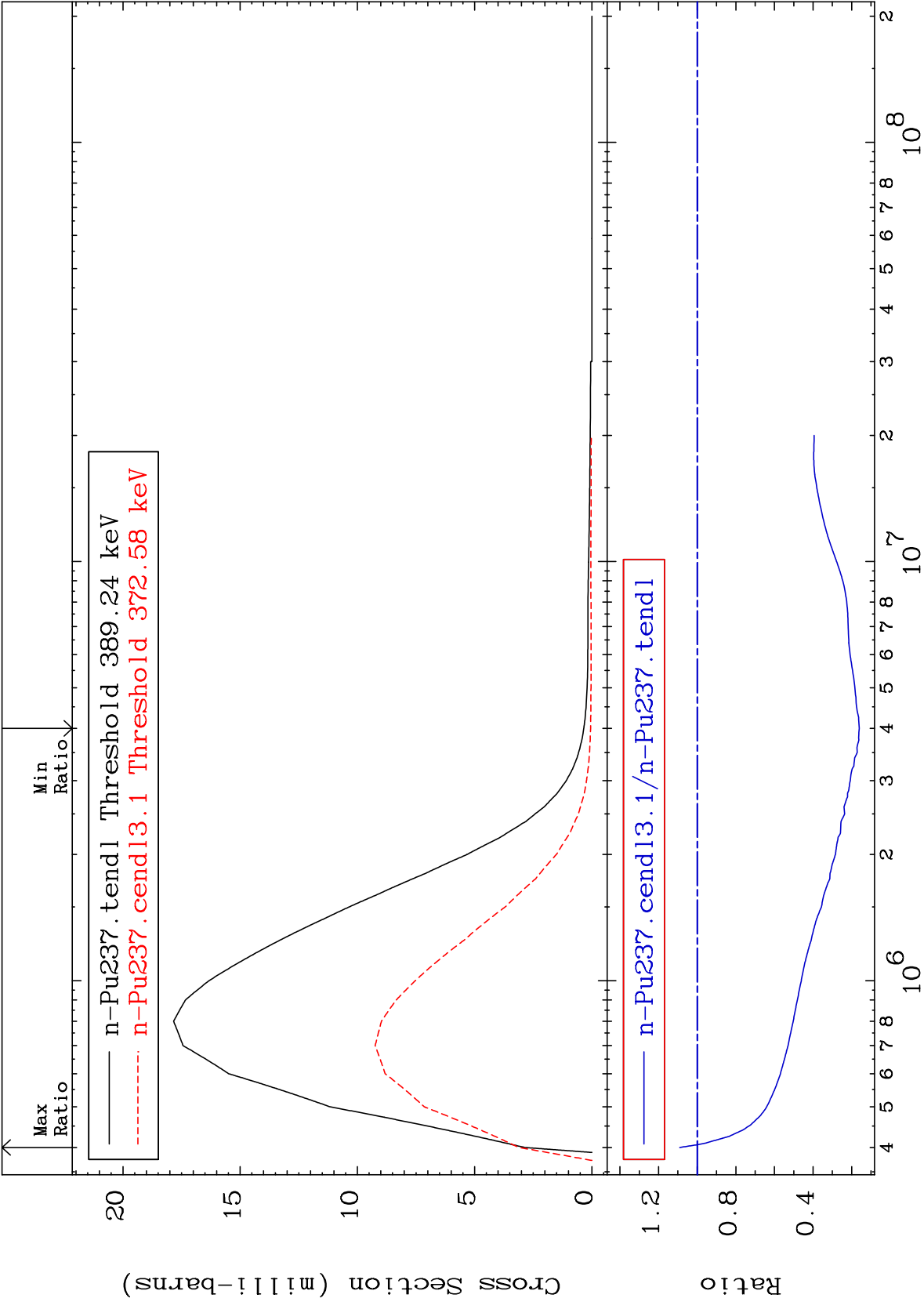
Incident Energy (eV)

94-Pu-237

MAT 9431

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

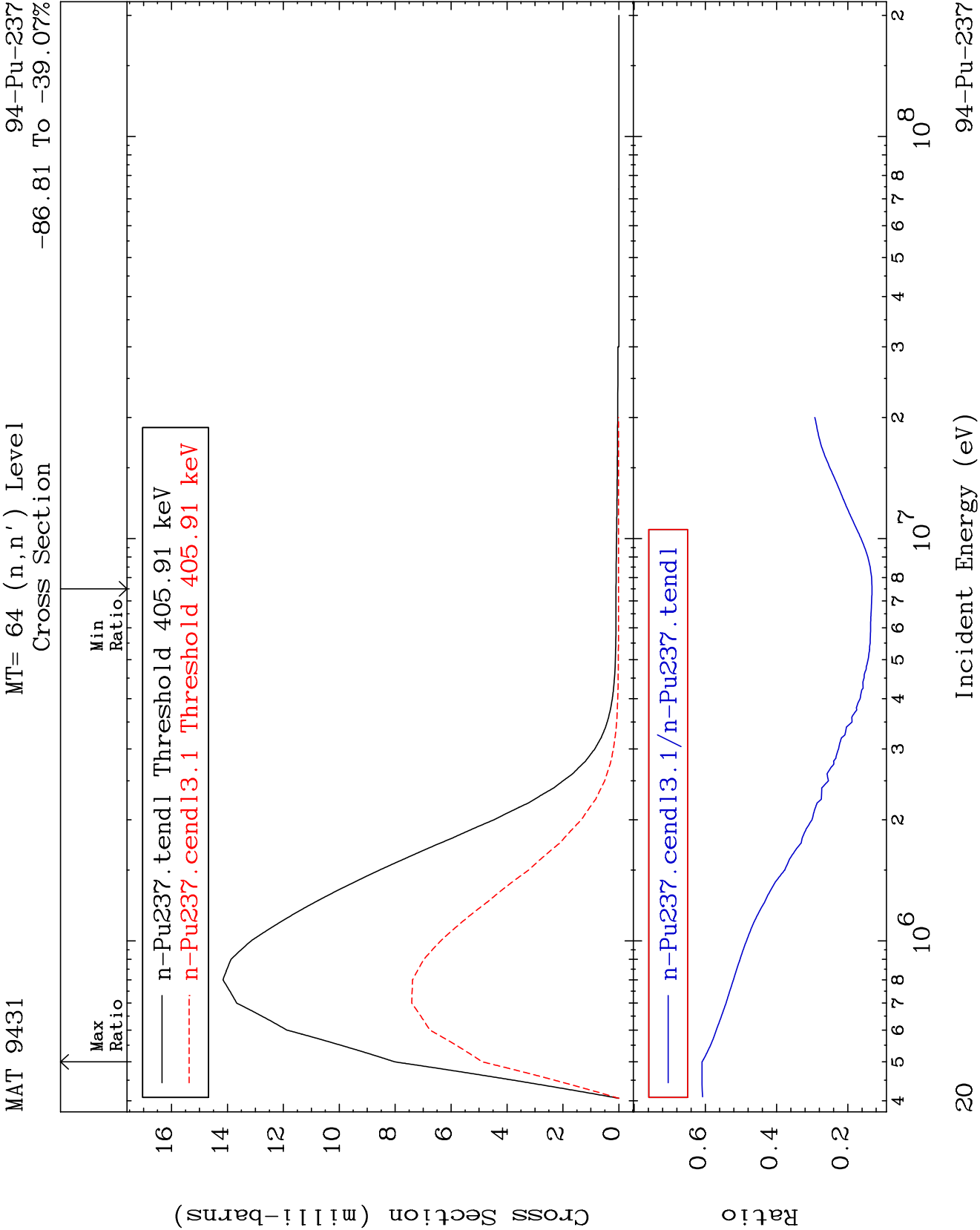
94-Pu-237
-83.92 To 9.052 %

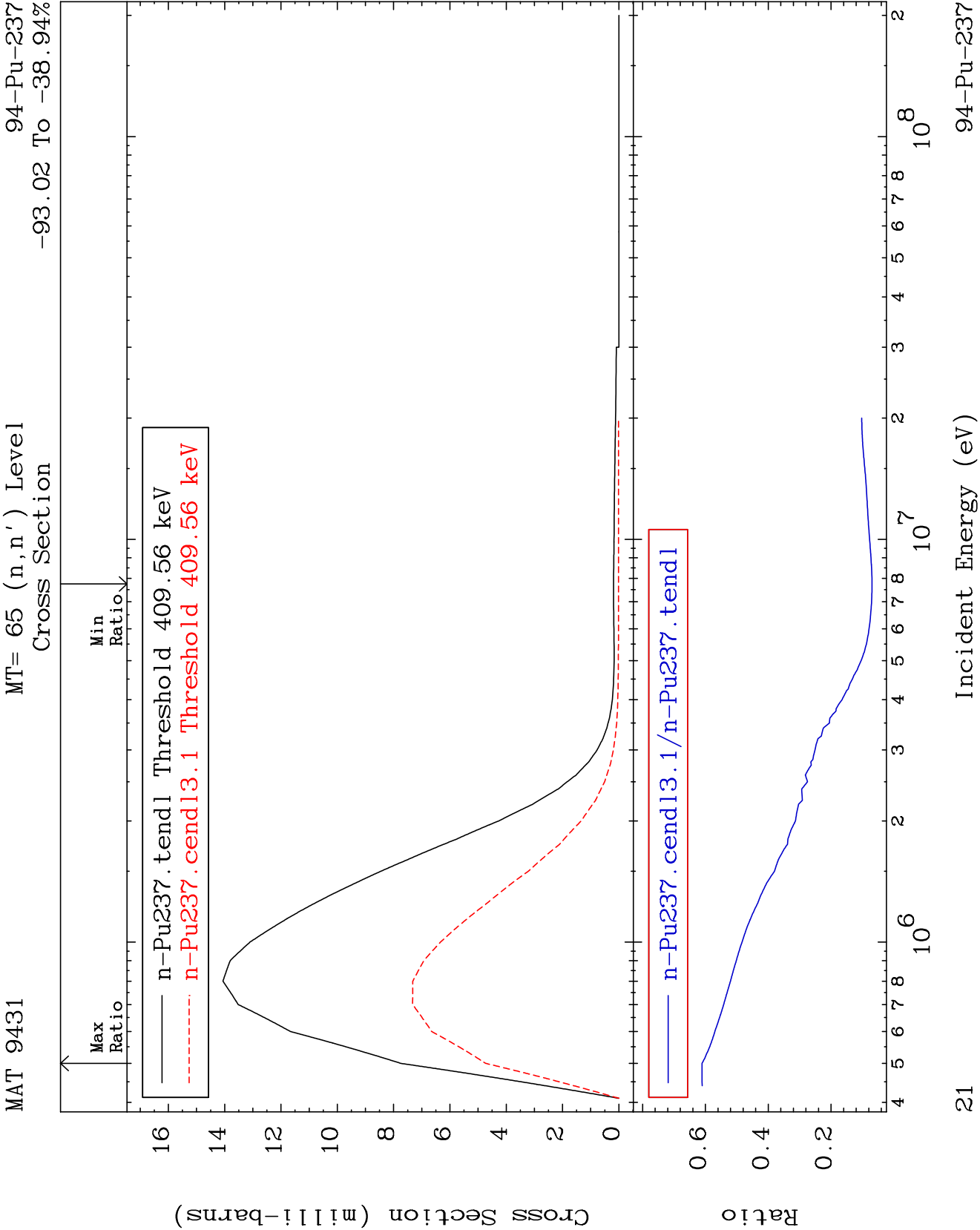


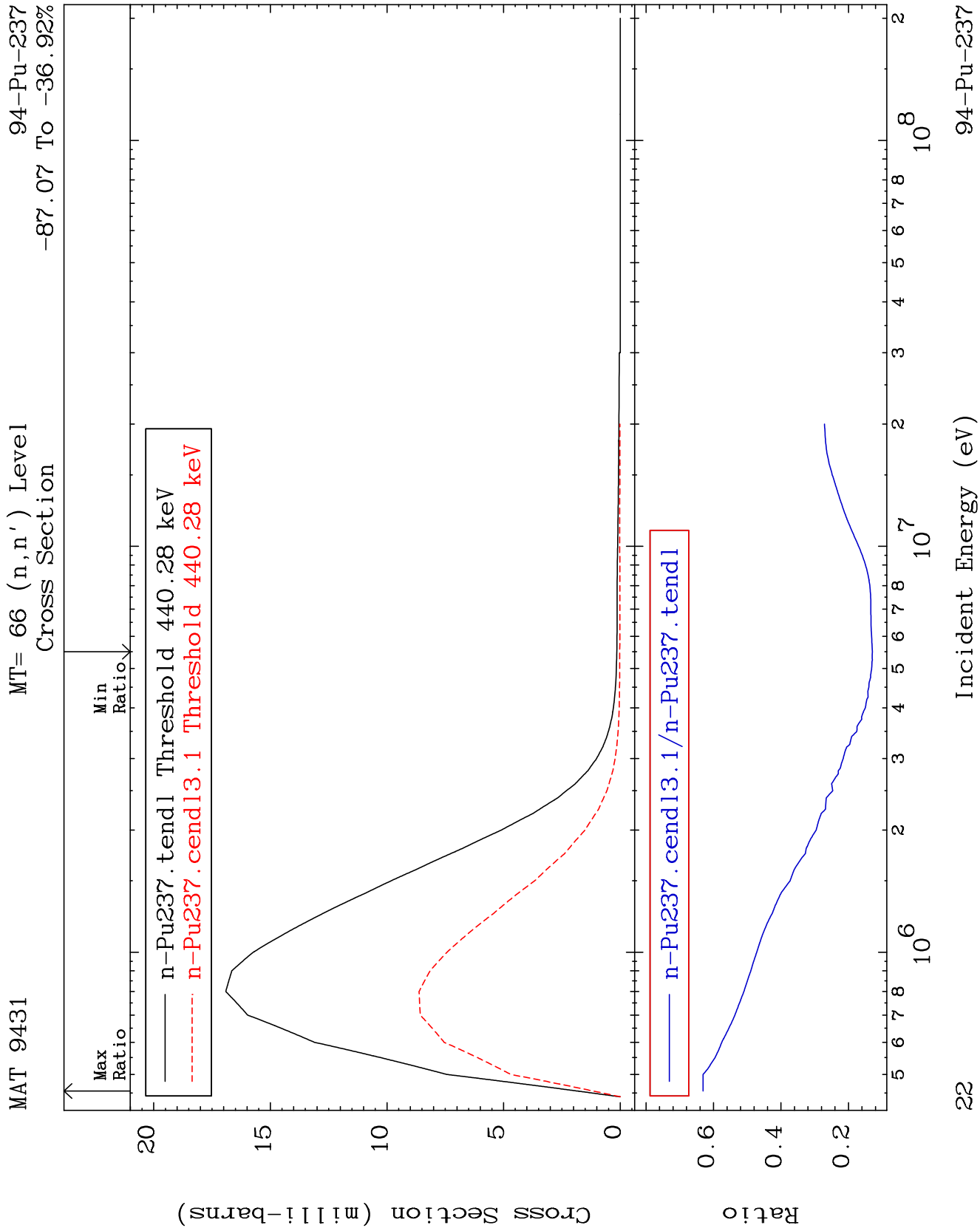
19

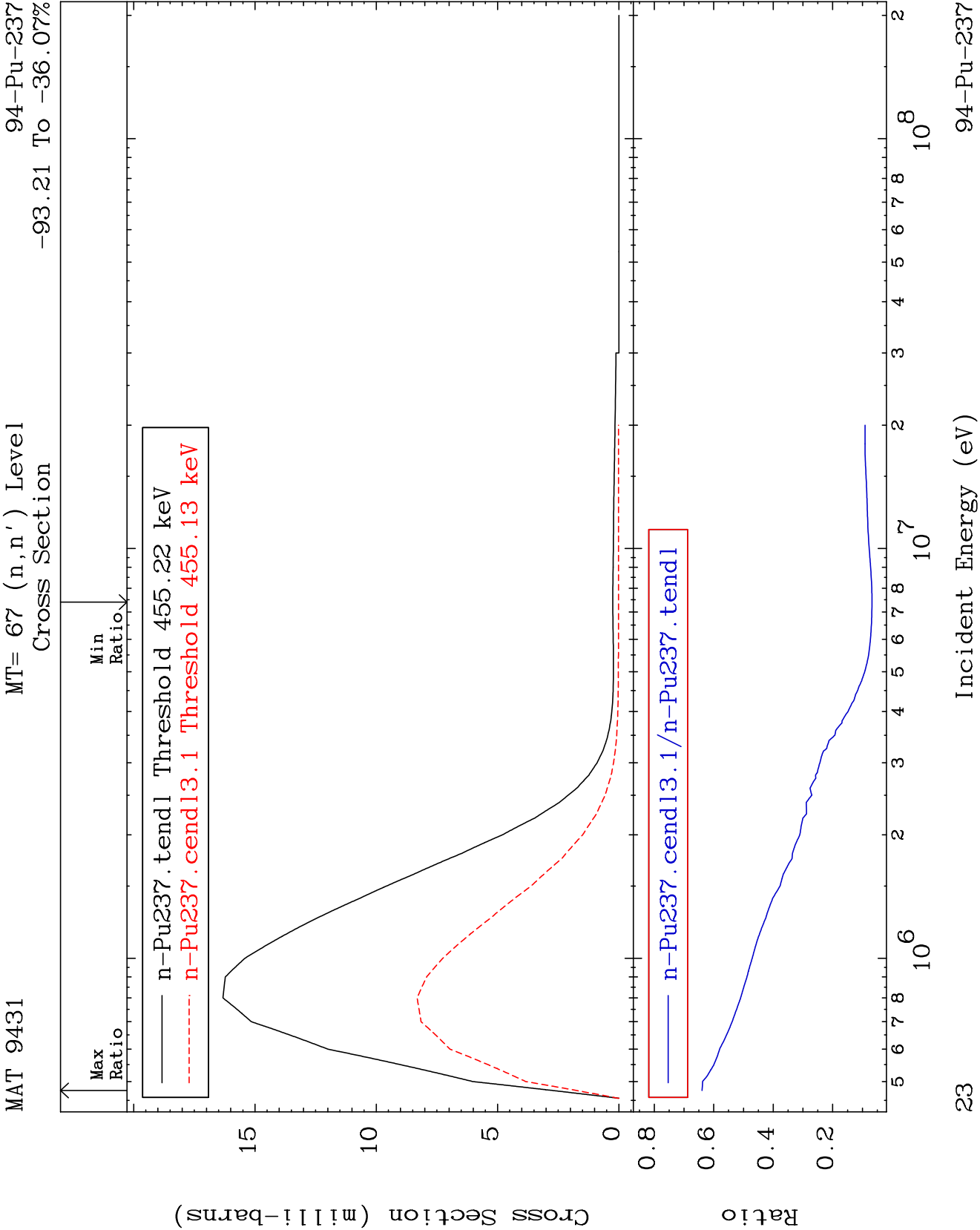
Incident Energy (eV)

94-Pu-237





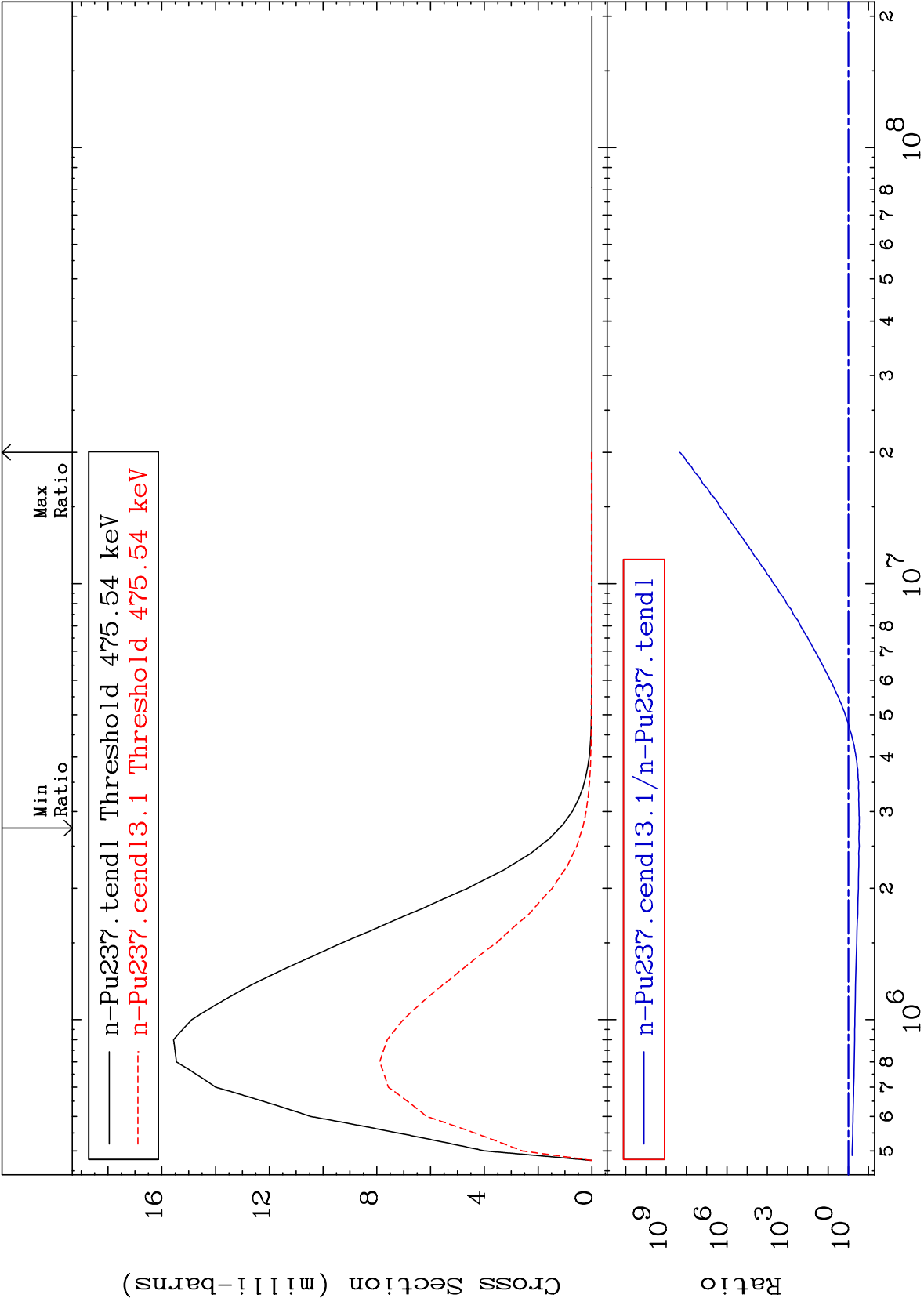




MAT 9431

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

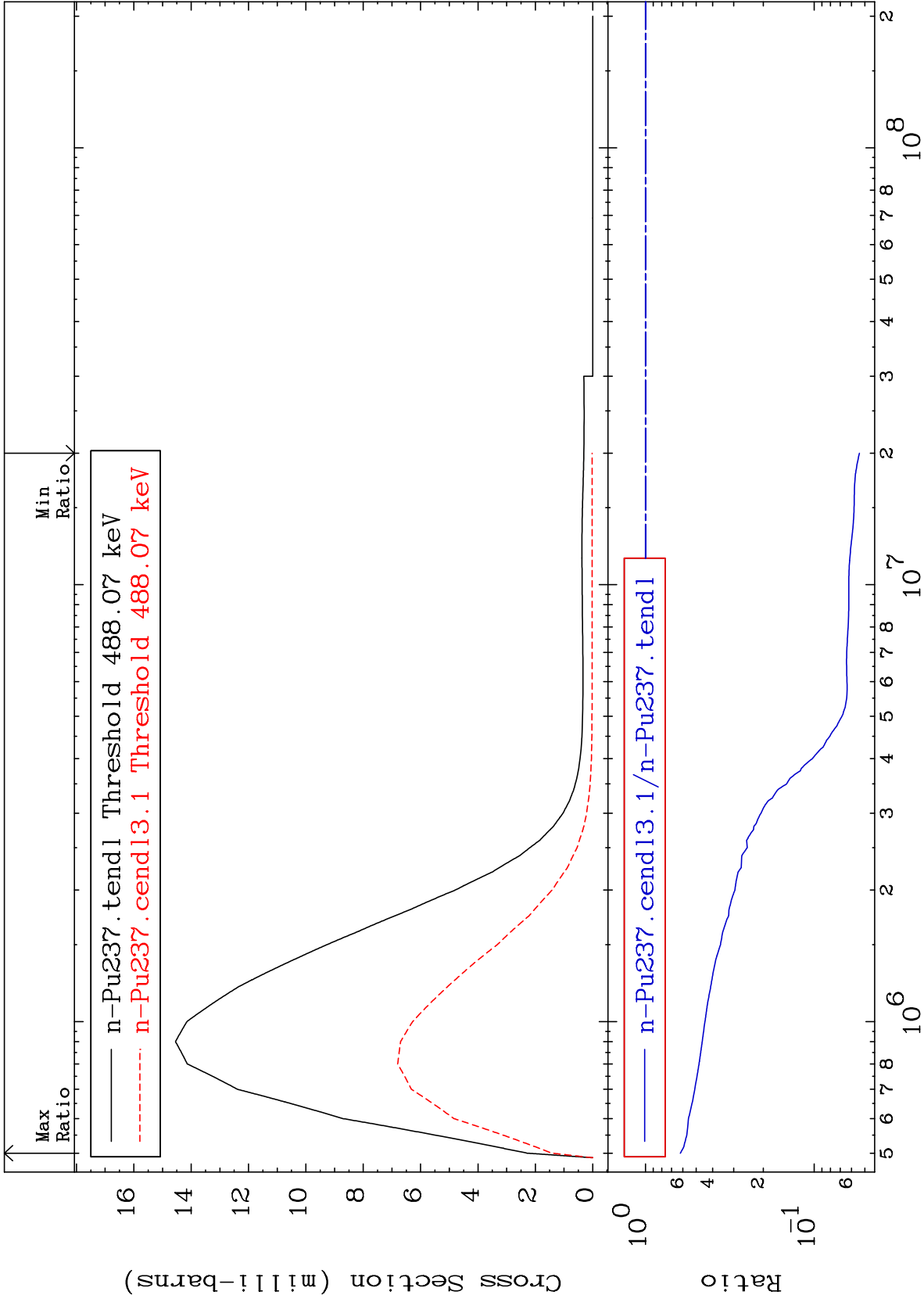
94-Pu-237
-71.21 To 9999. %



MAT 9431

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

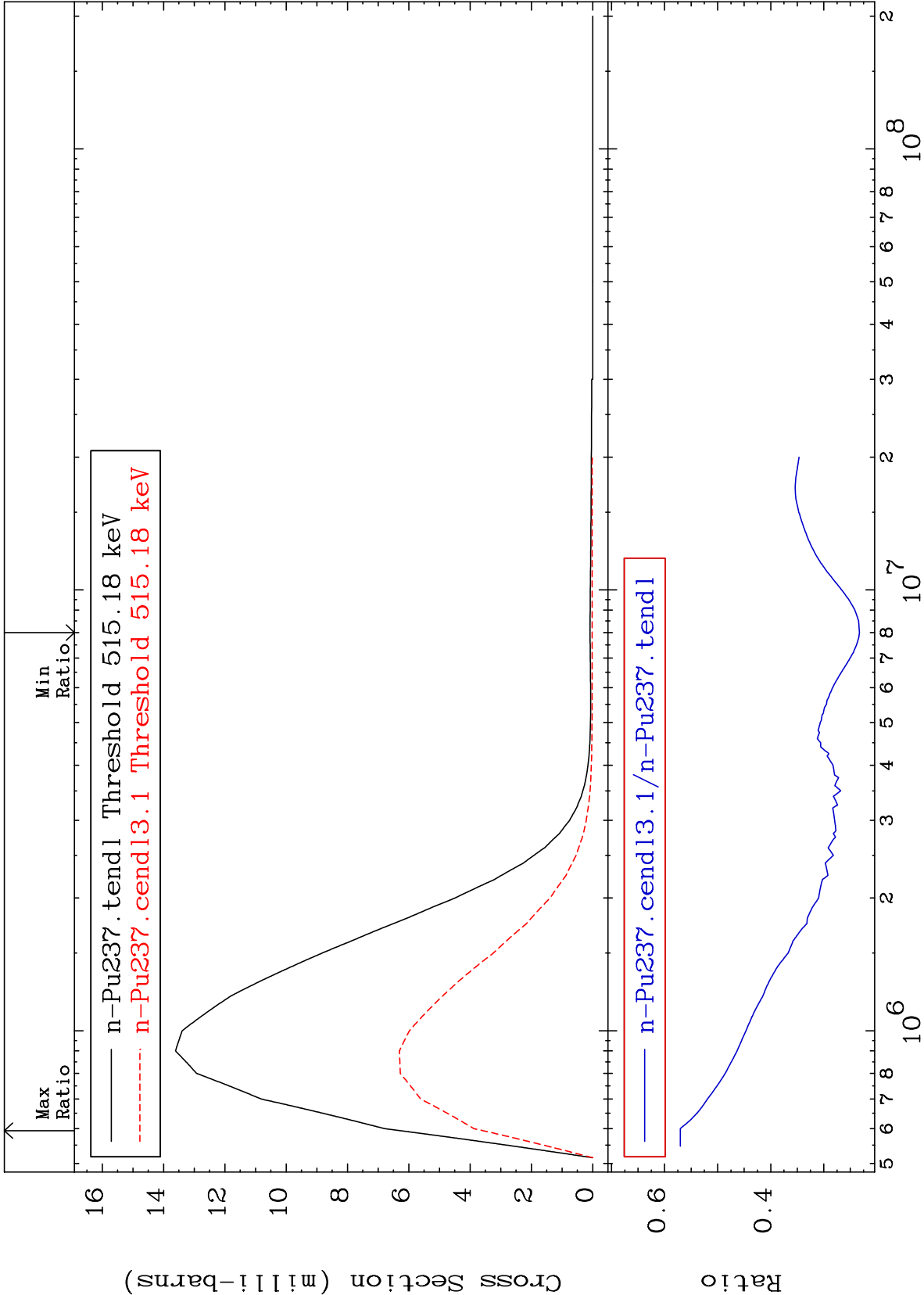
94-Pu-237
-94.61 To -37.93%



MAT 9431

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

94-Pu-237
-76.71 To -42.98%



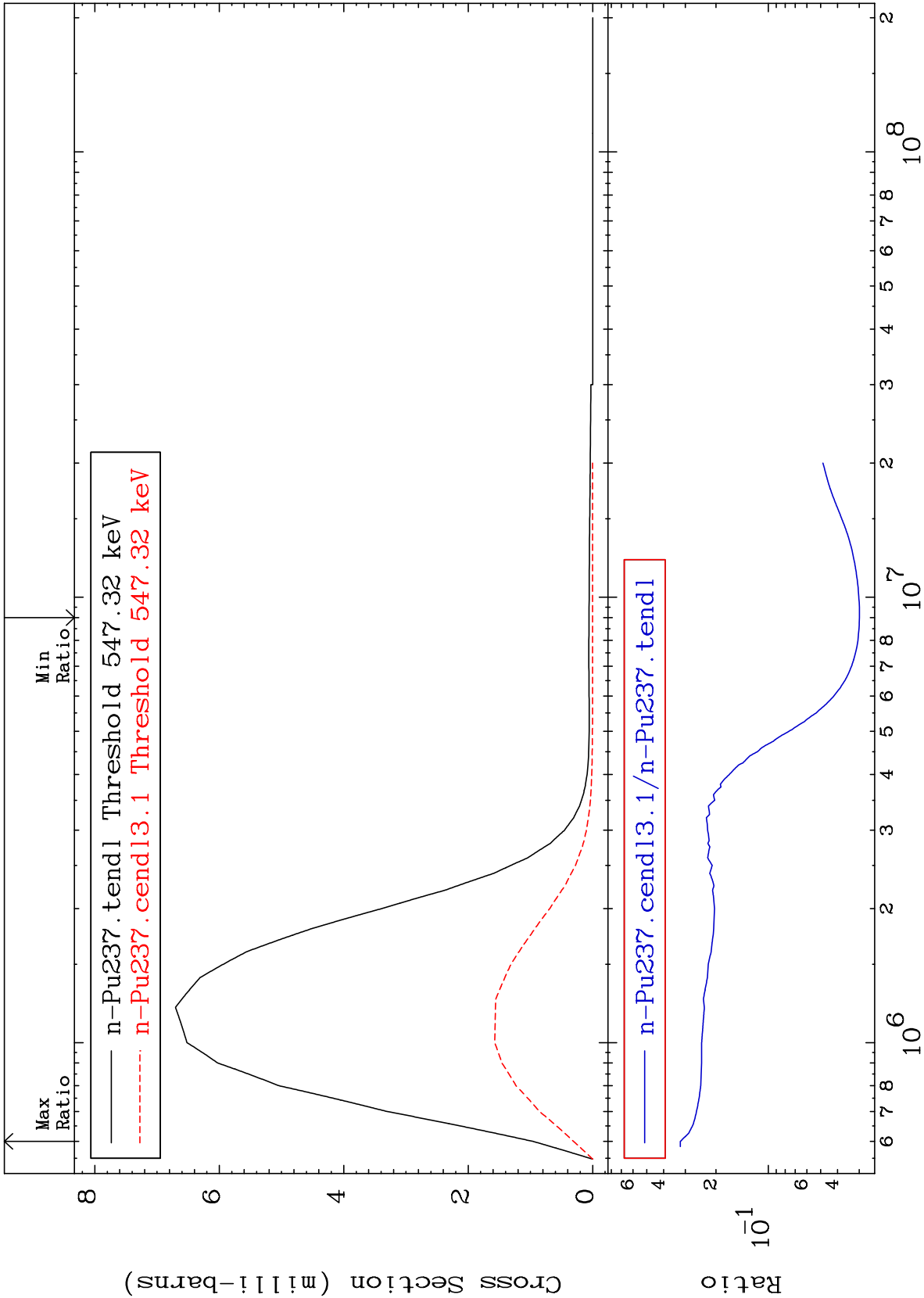
MAT 9431

MT= 71 (n,n') Level

94-Pu-237

-97.01 To -67.97%

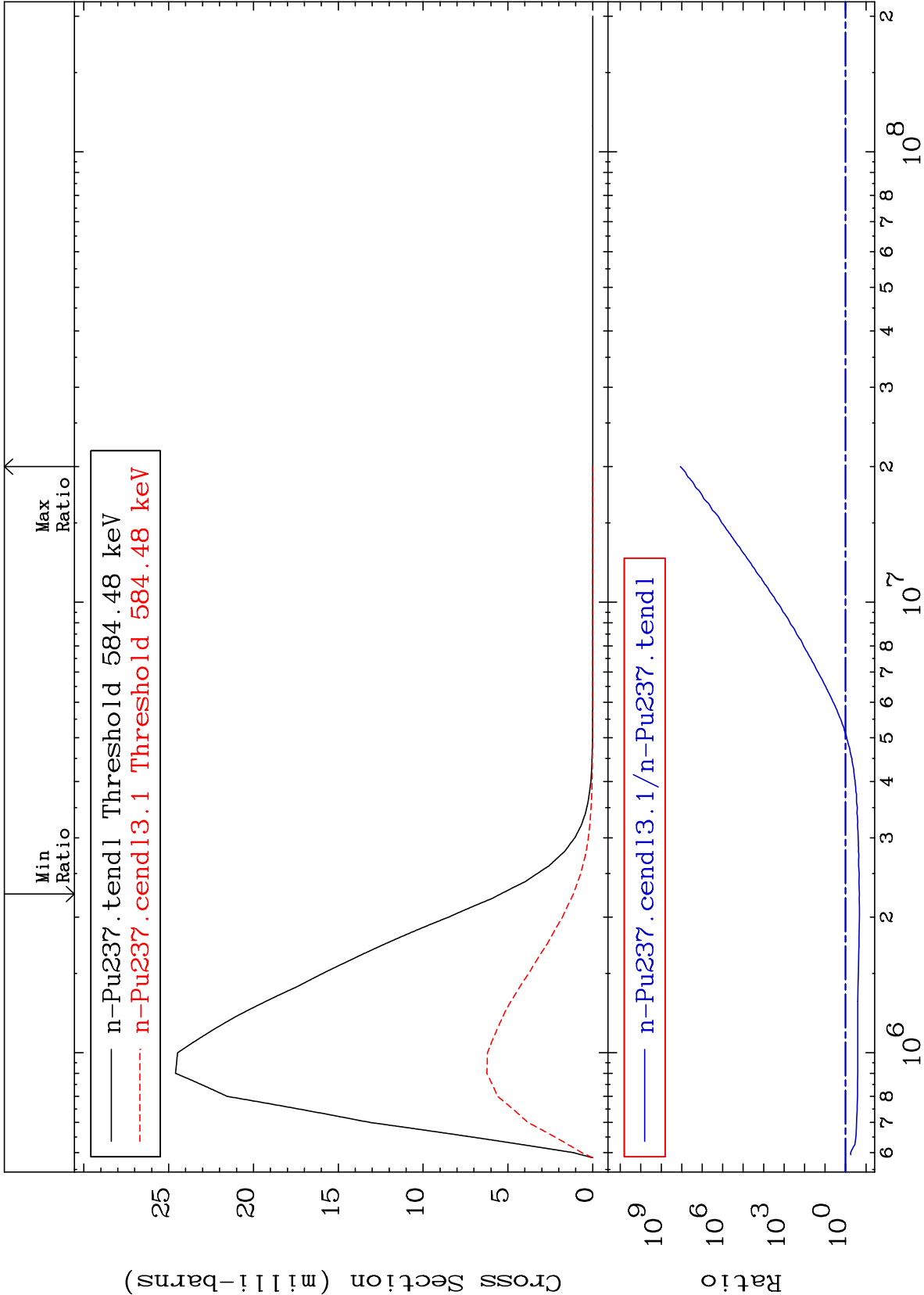
Cross Section



MAT 9431

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

94-Pu-237
-79.05 To 9999. %



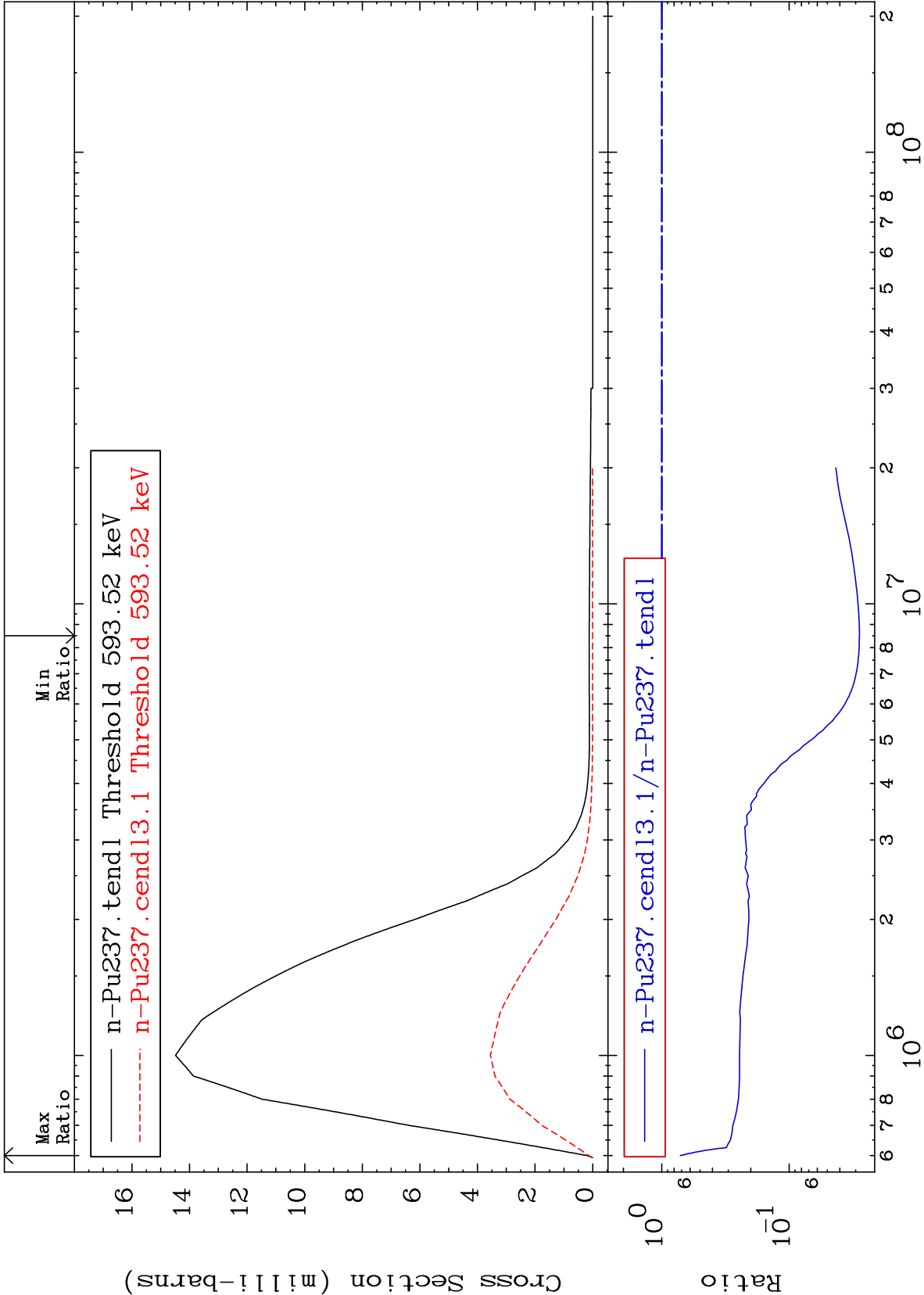
MAT 9431

MT= 73 (n,n') Level

94-Pu-237

-97.20 To -28.53%

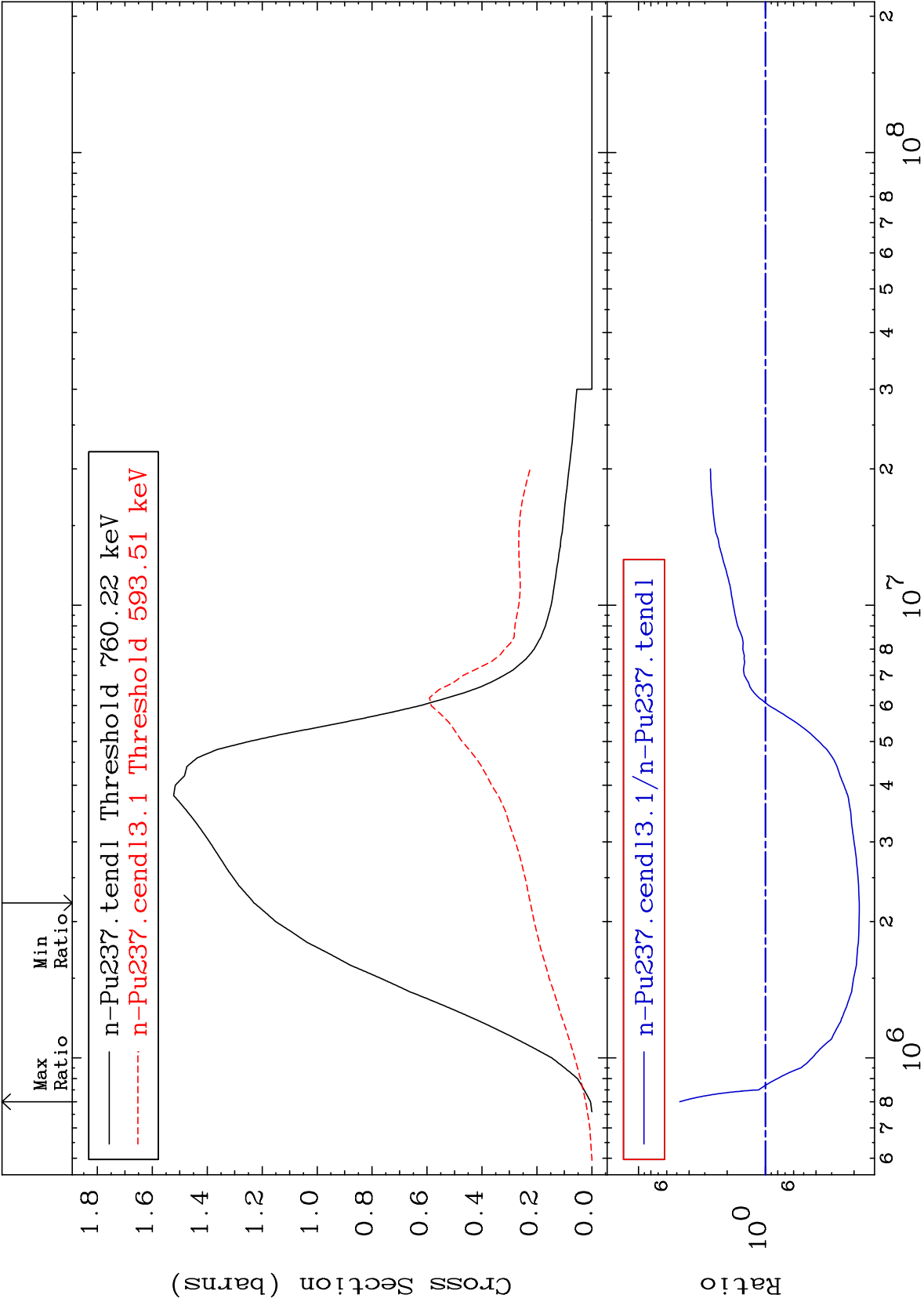
Cross Section



MAT 9431

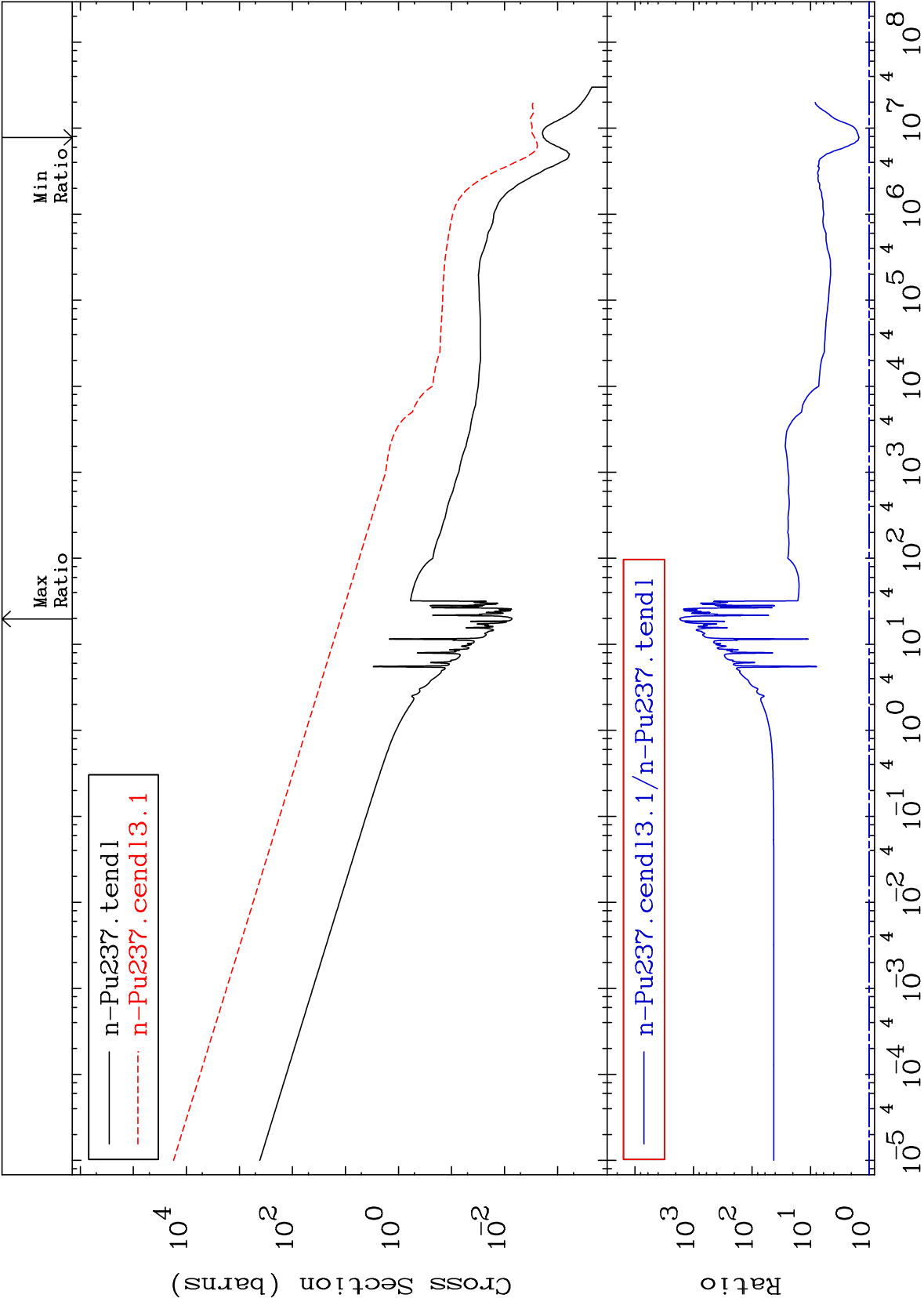
(n,n') Continuum
Cross Section

94-Pu-237
-81.79 To 373.4 %



MAT 9431

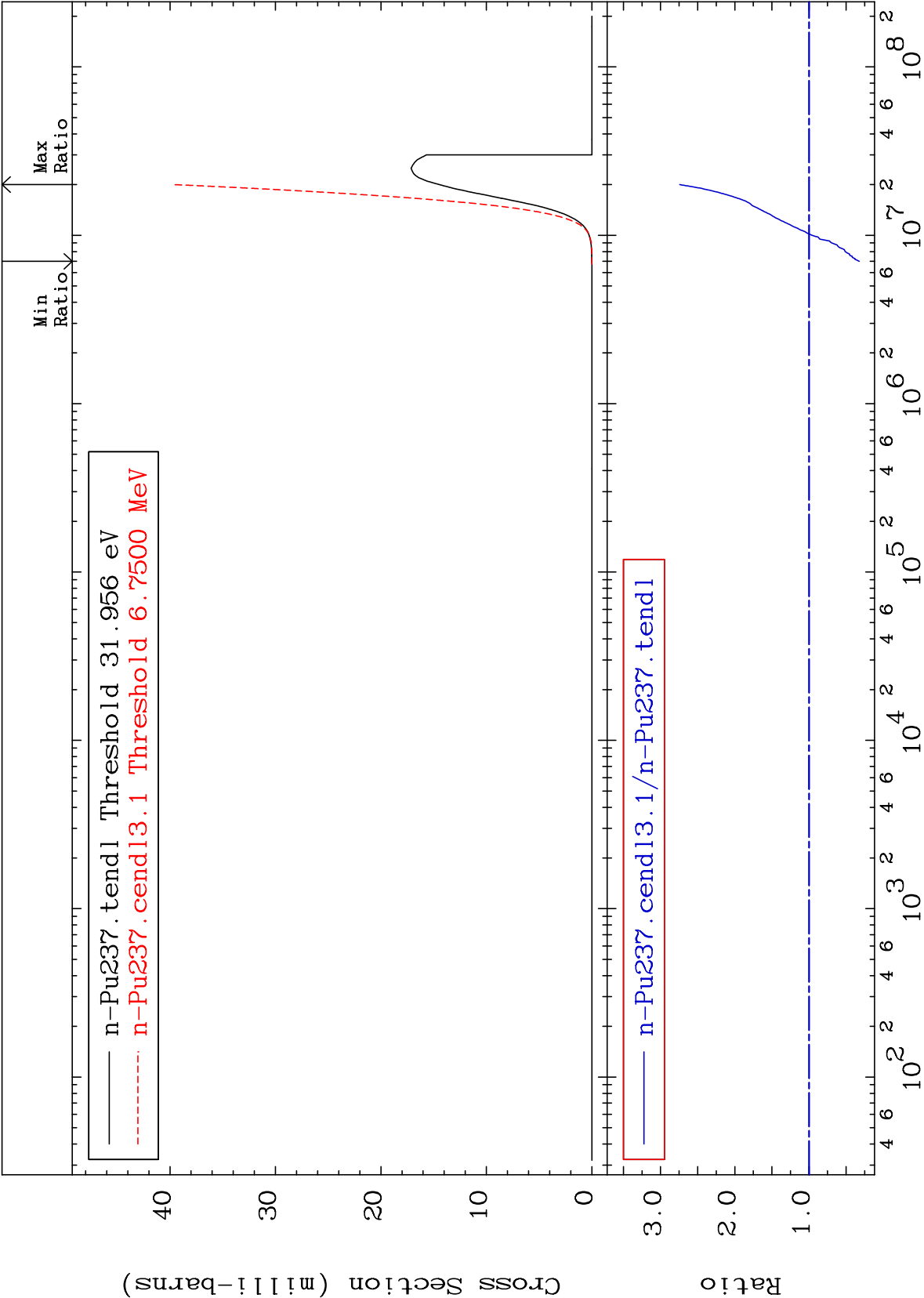
(n, γ)
Cross Section
46.61 To 9999. %
94-Pu-237

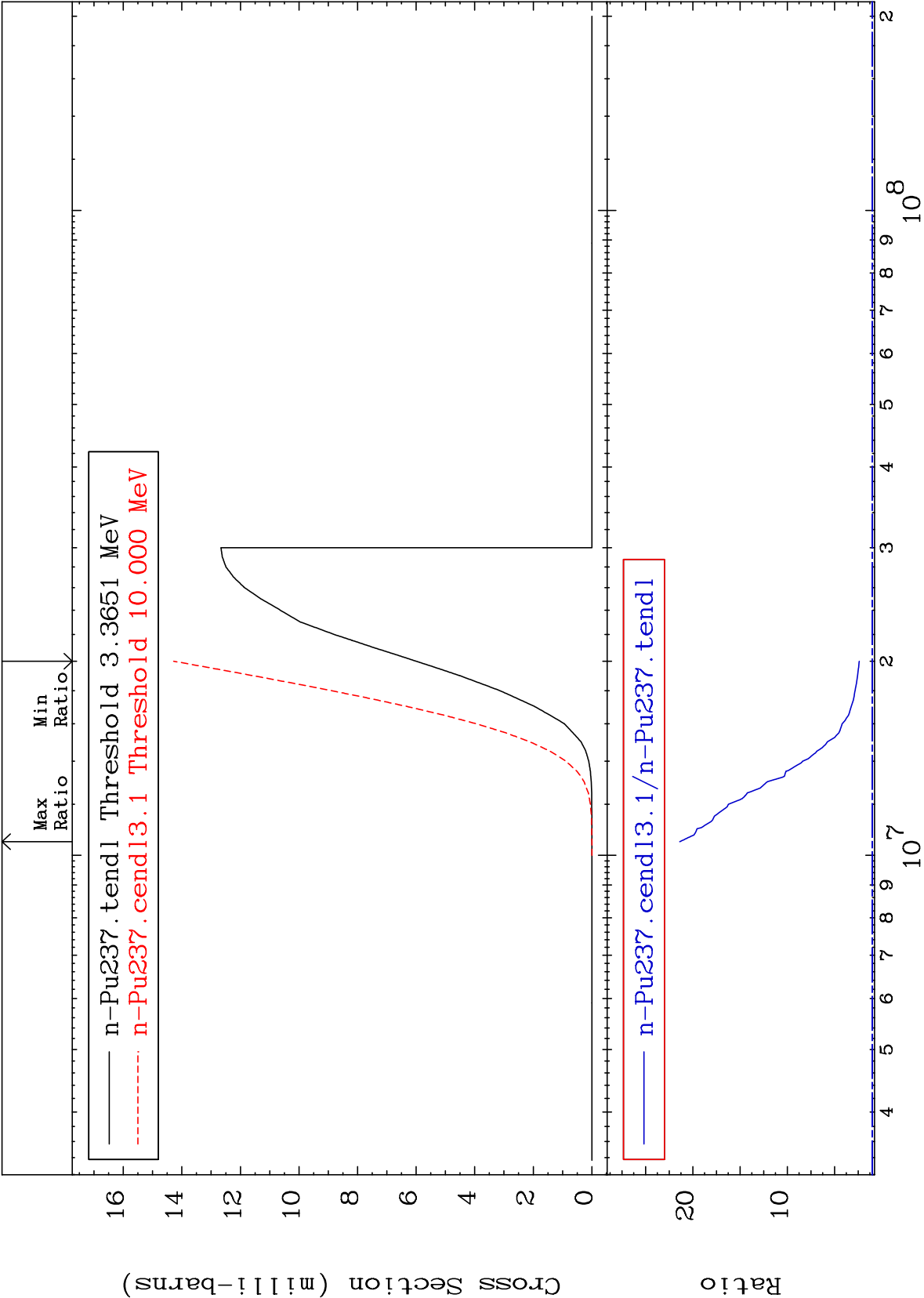


31

Incident Energy (eV)

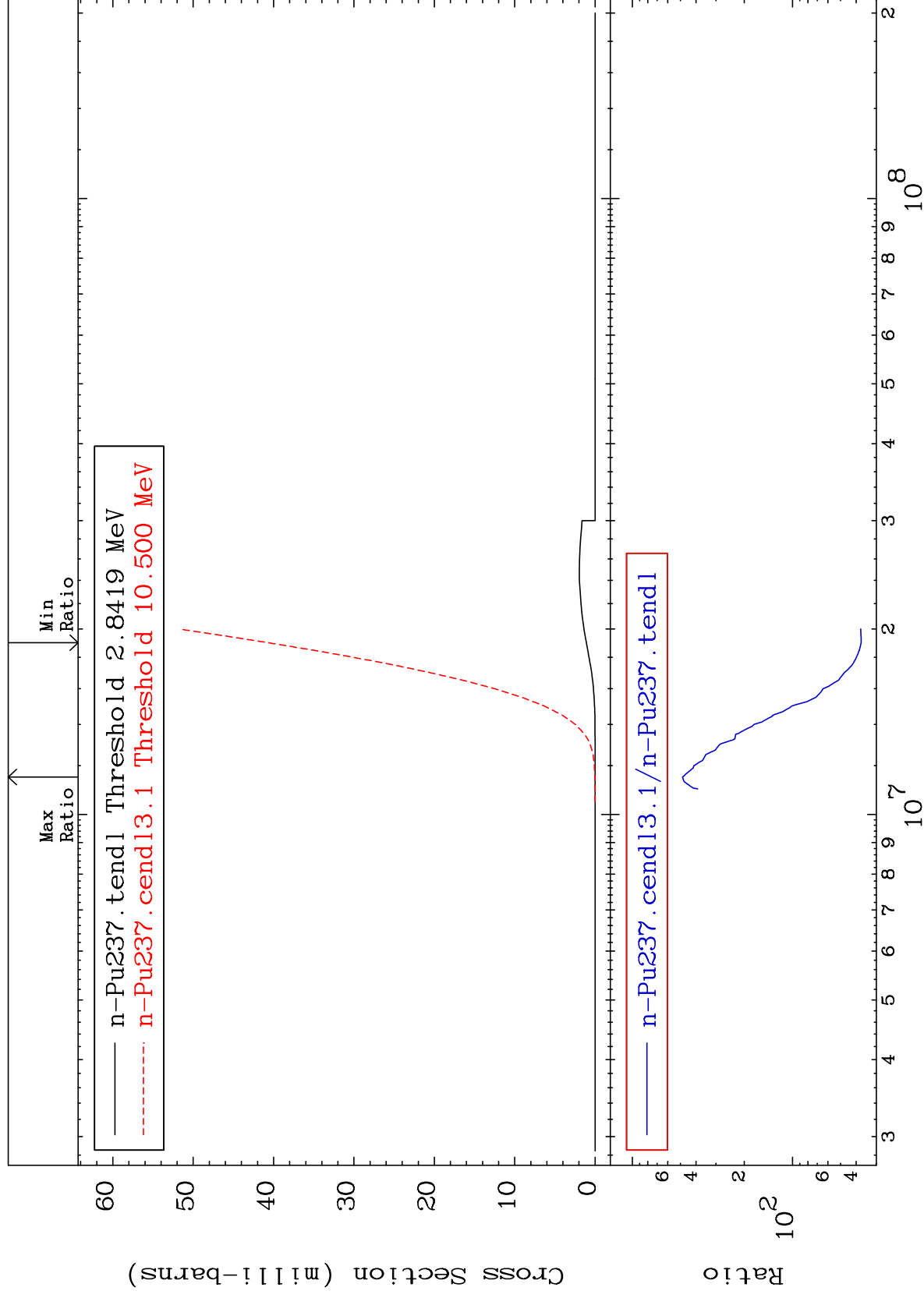
94-Pu-237





MAT 9431

(n, t)
Cross Section
94-Pu-237
3624. To 9999. %



34

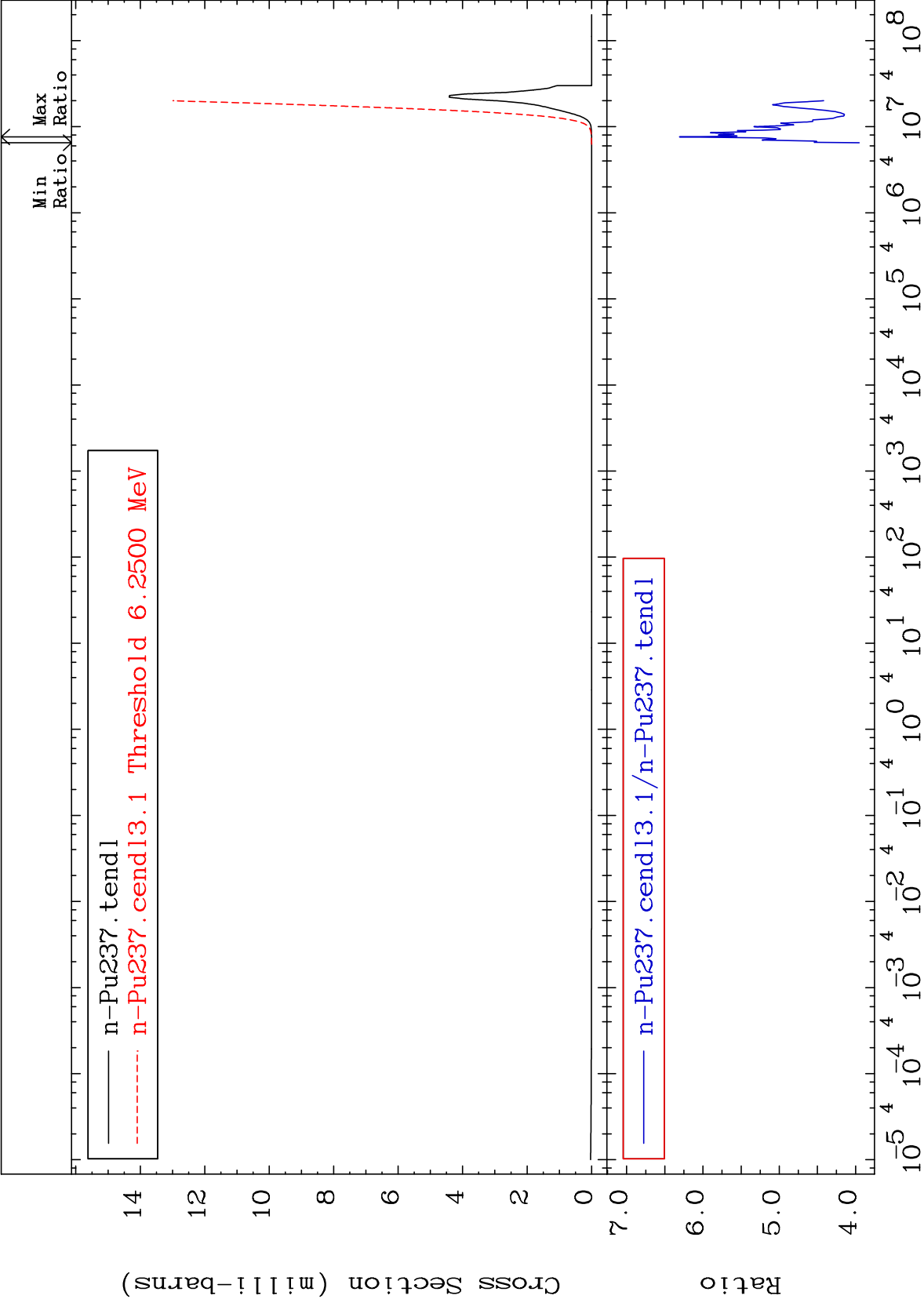
Incident Energy (eV)

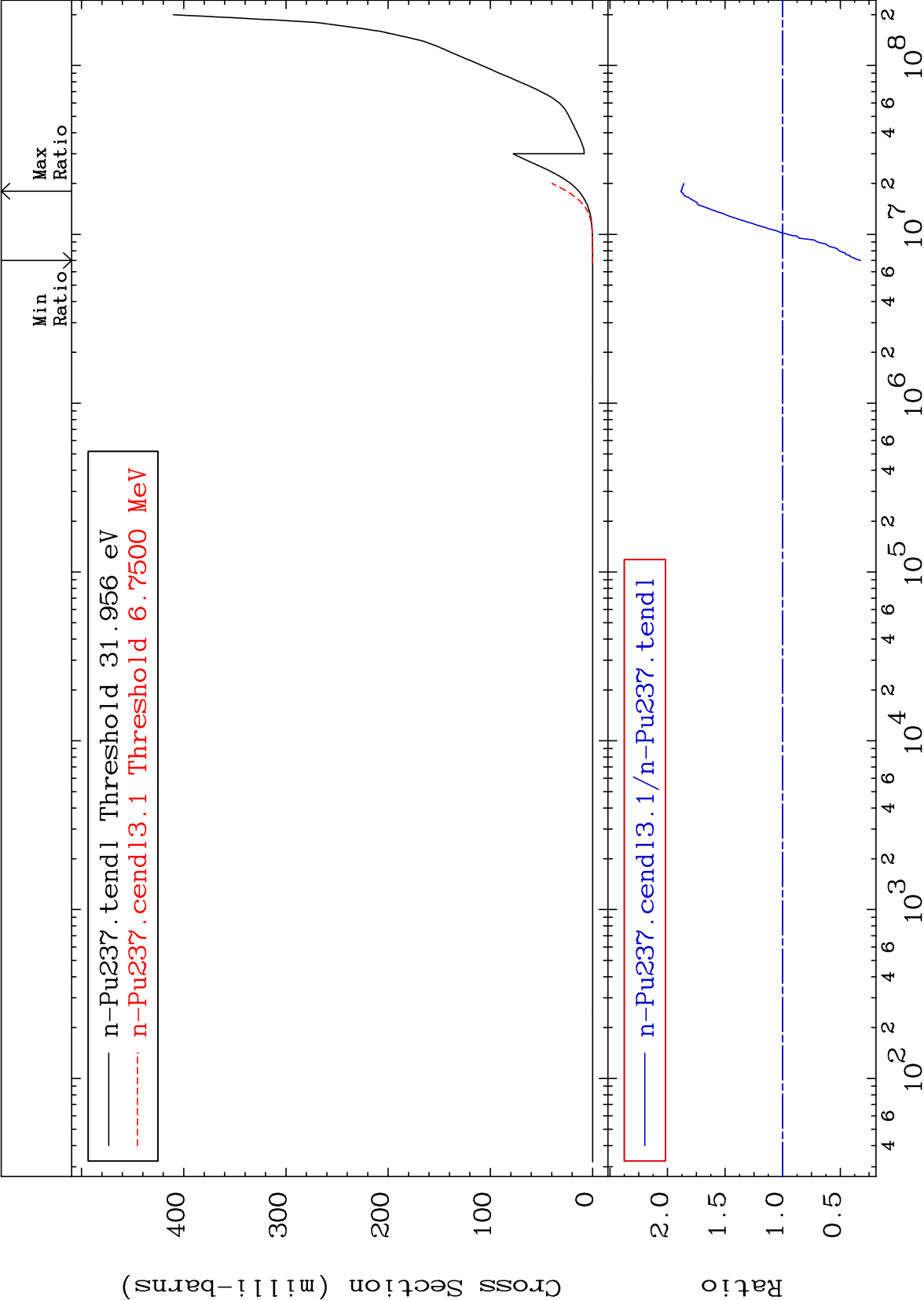
94-Pu-237

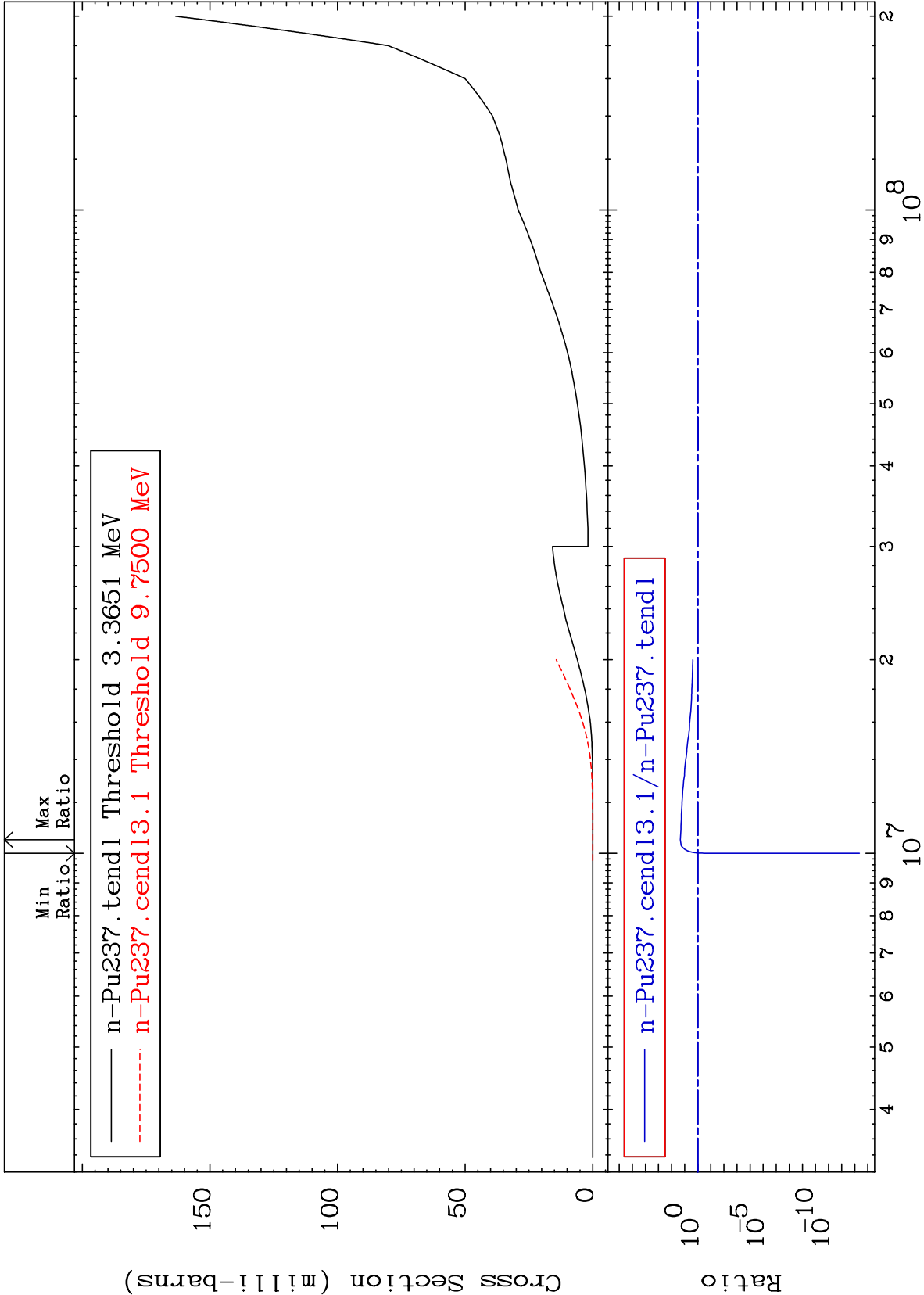
MAT 9431

(n, α)
Cross Section

94-Pu-237
295.2 To 530.7 %

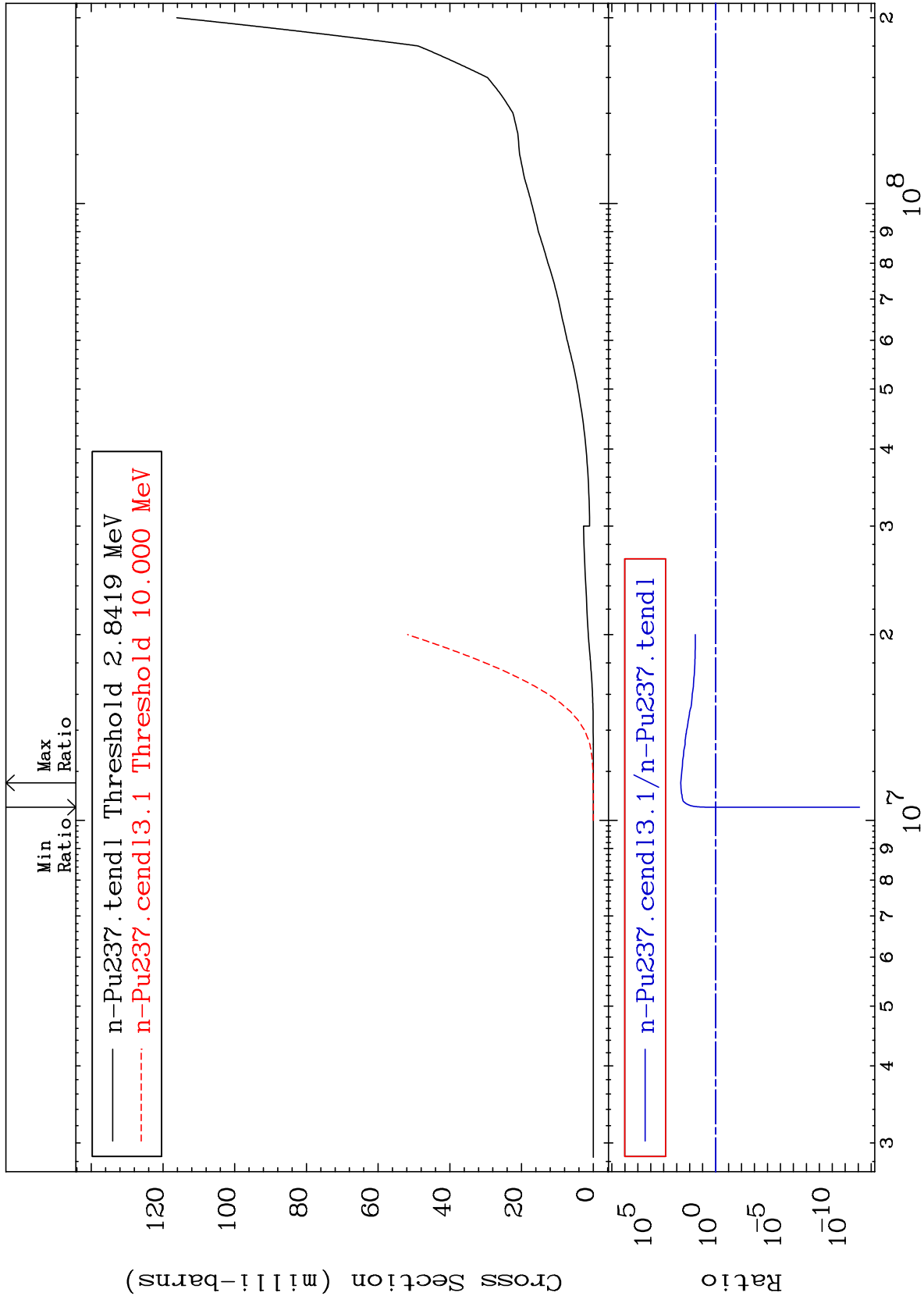






Cross Section

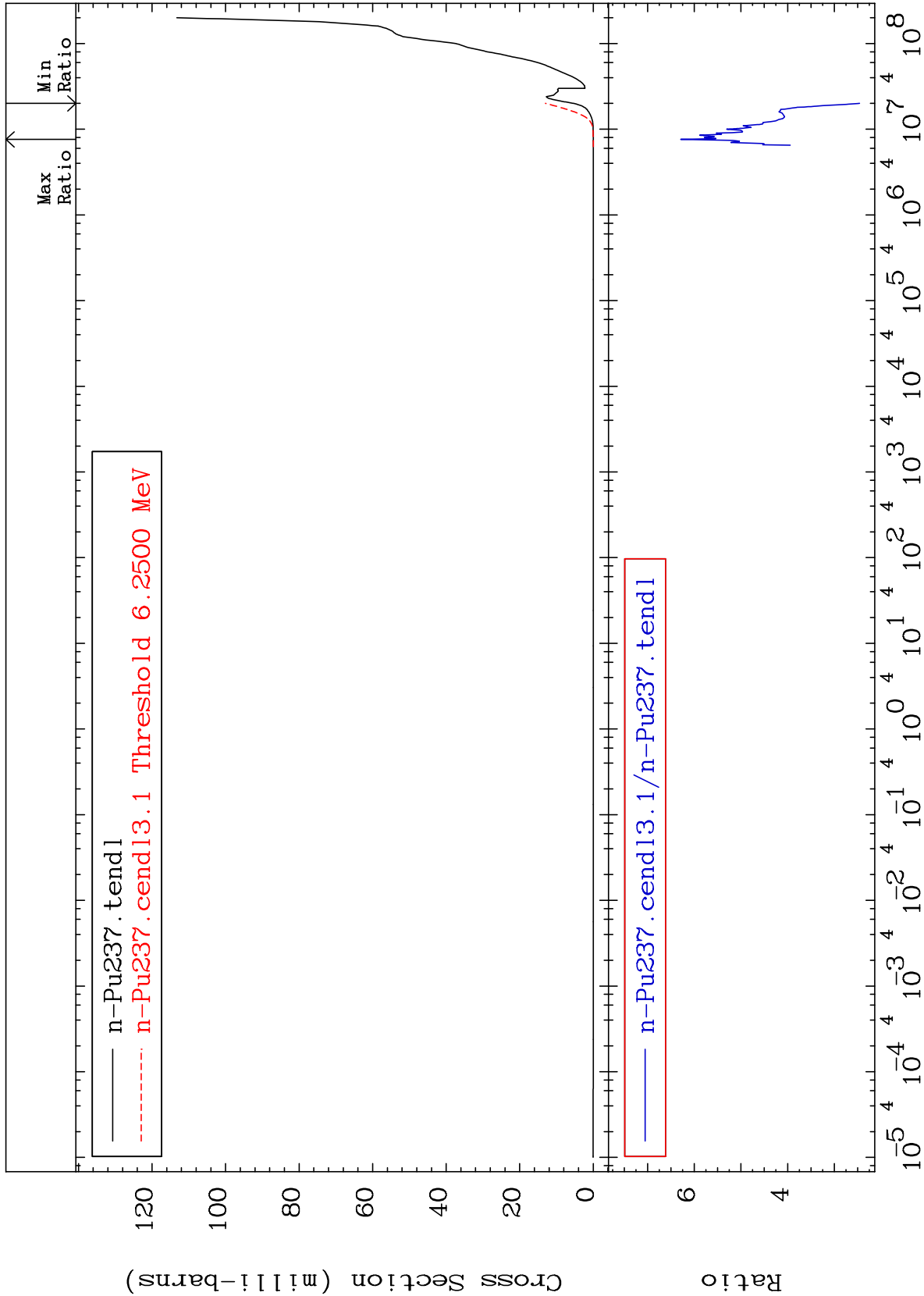
-100.0 To 9999. %



MAT 9431

He-4 Production
Cross Section

94-Pu-237
145.9 To 528.9 %



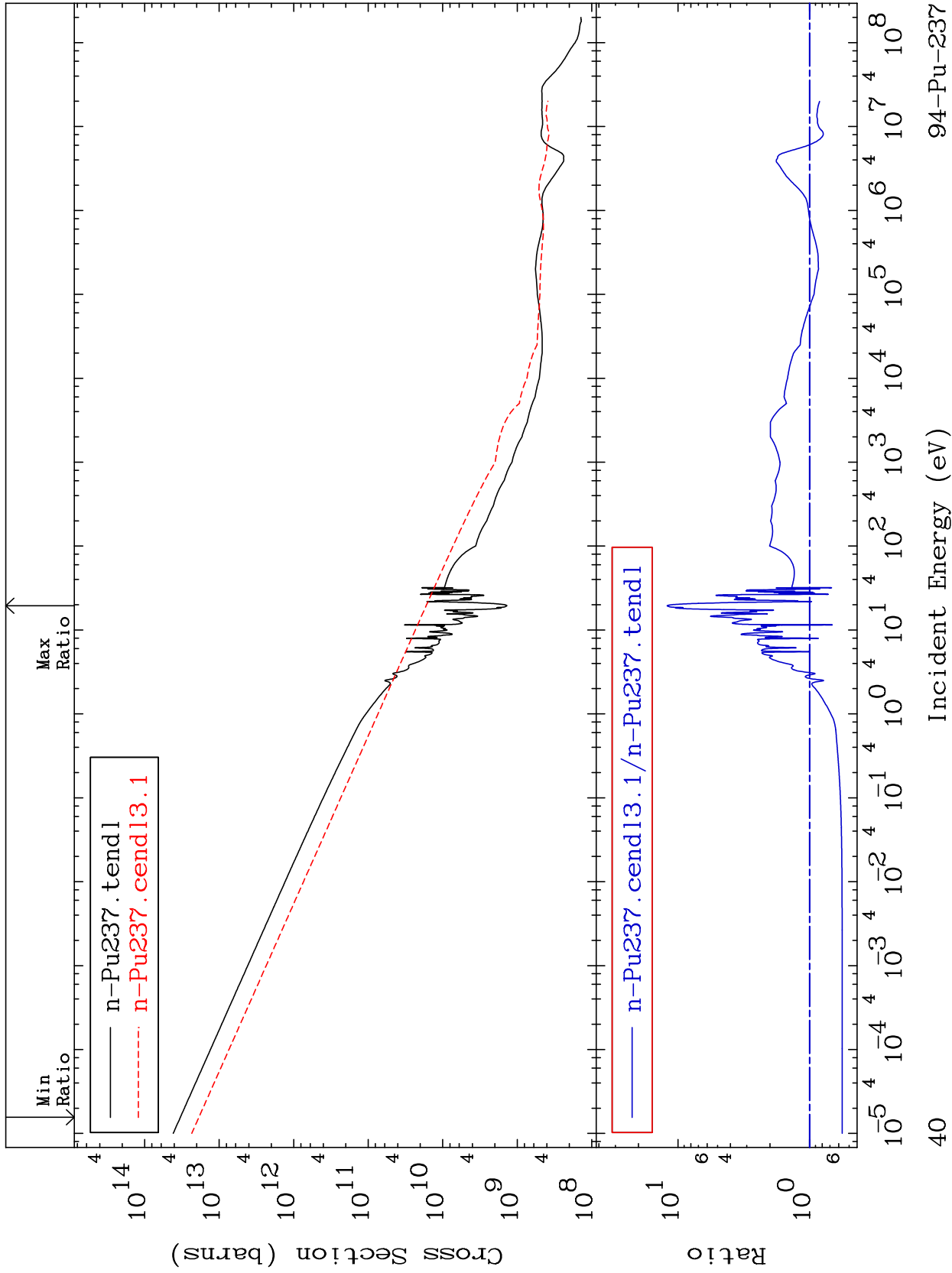
MAT 9431

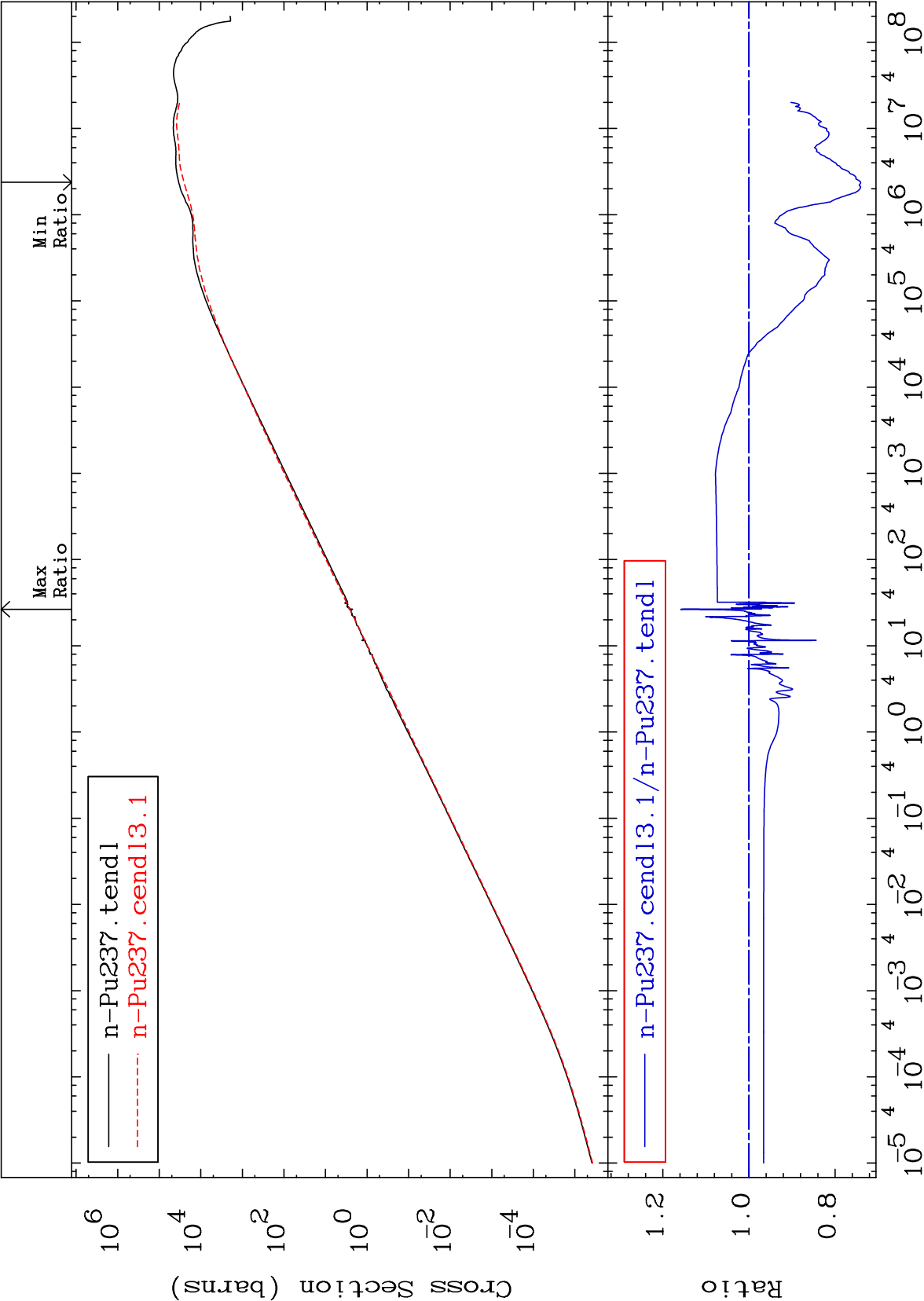
Kerma total (eV-barns)

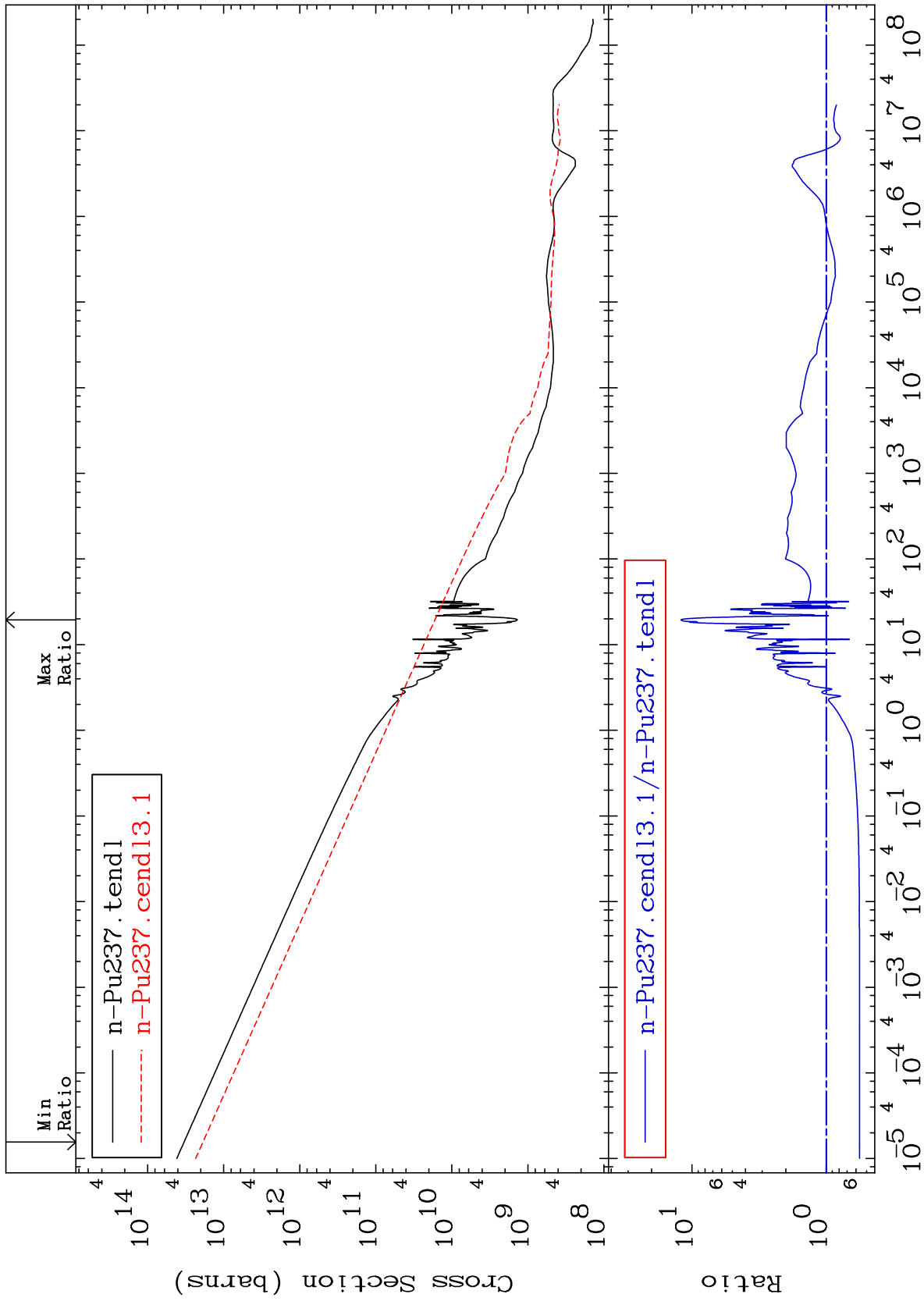
94-Pu-237

-43.59 To 1112. %

Cross Section

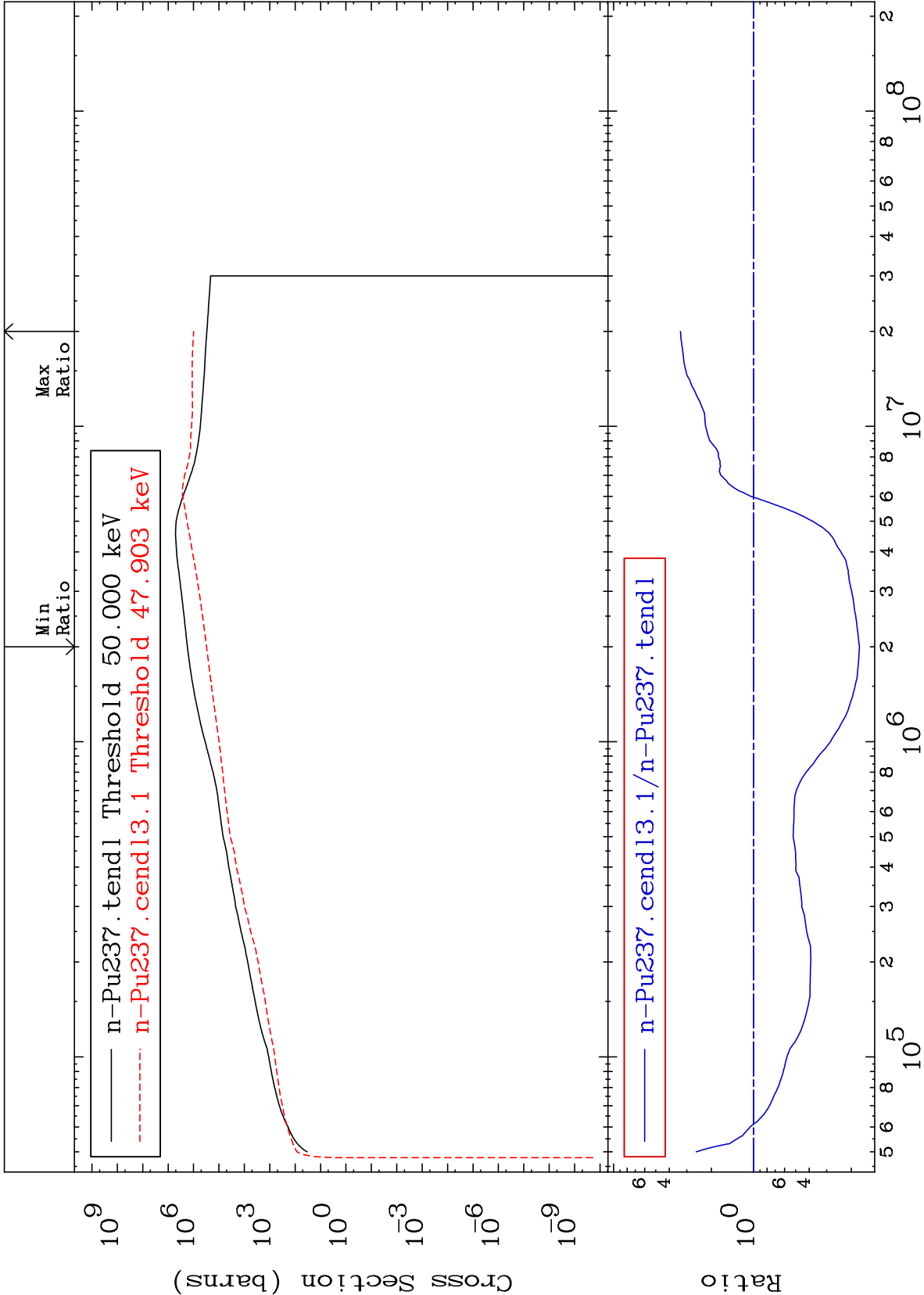






Cross Section

-82.48 To 233.6 %



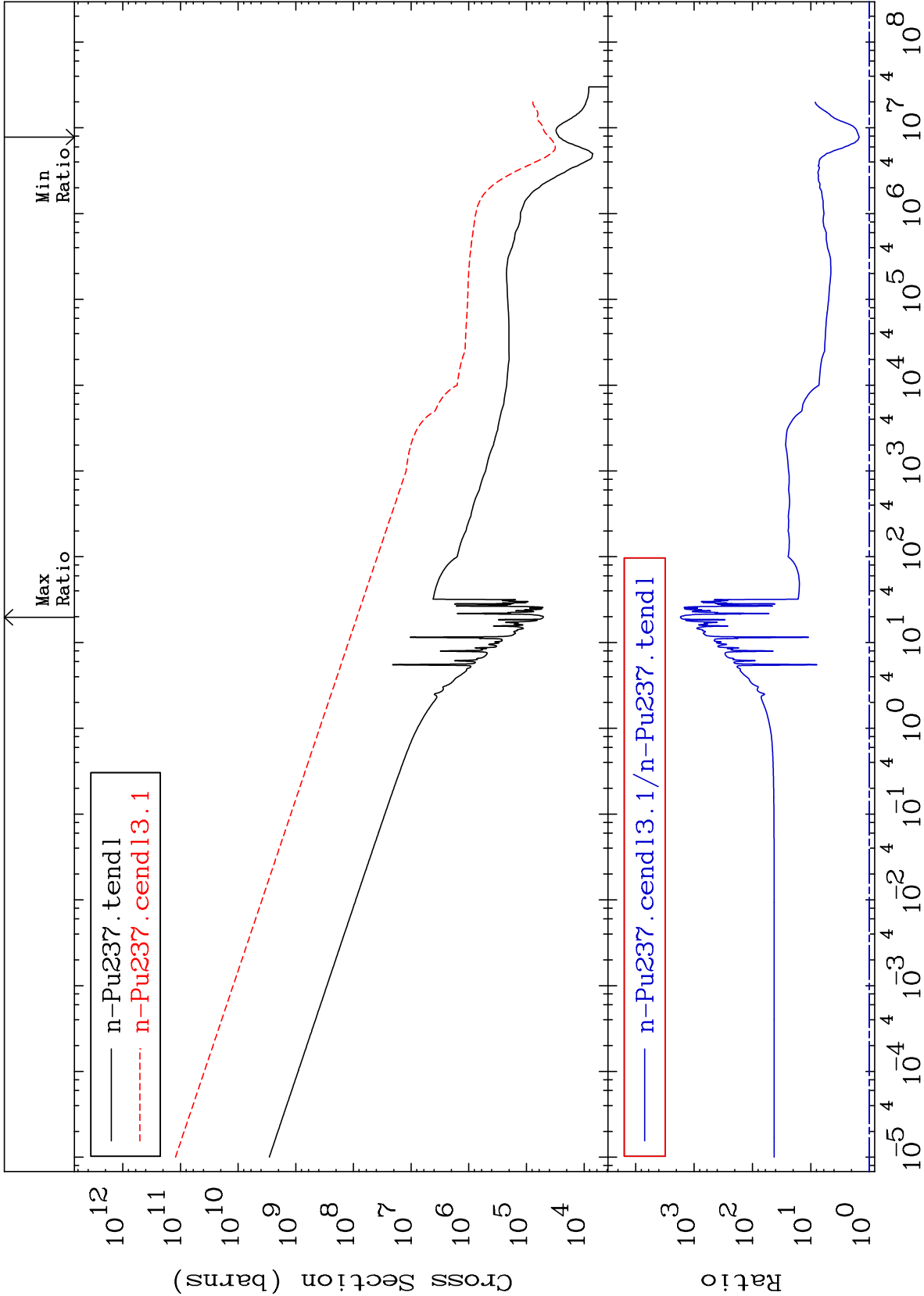
MAT 9431

Kerma capture (mt102)

94-Pu-237

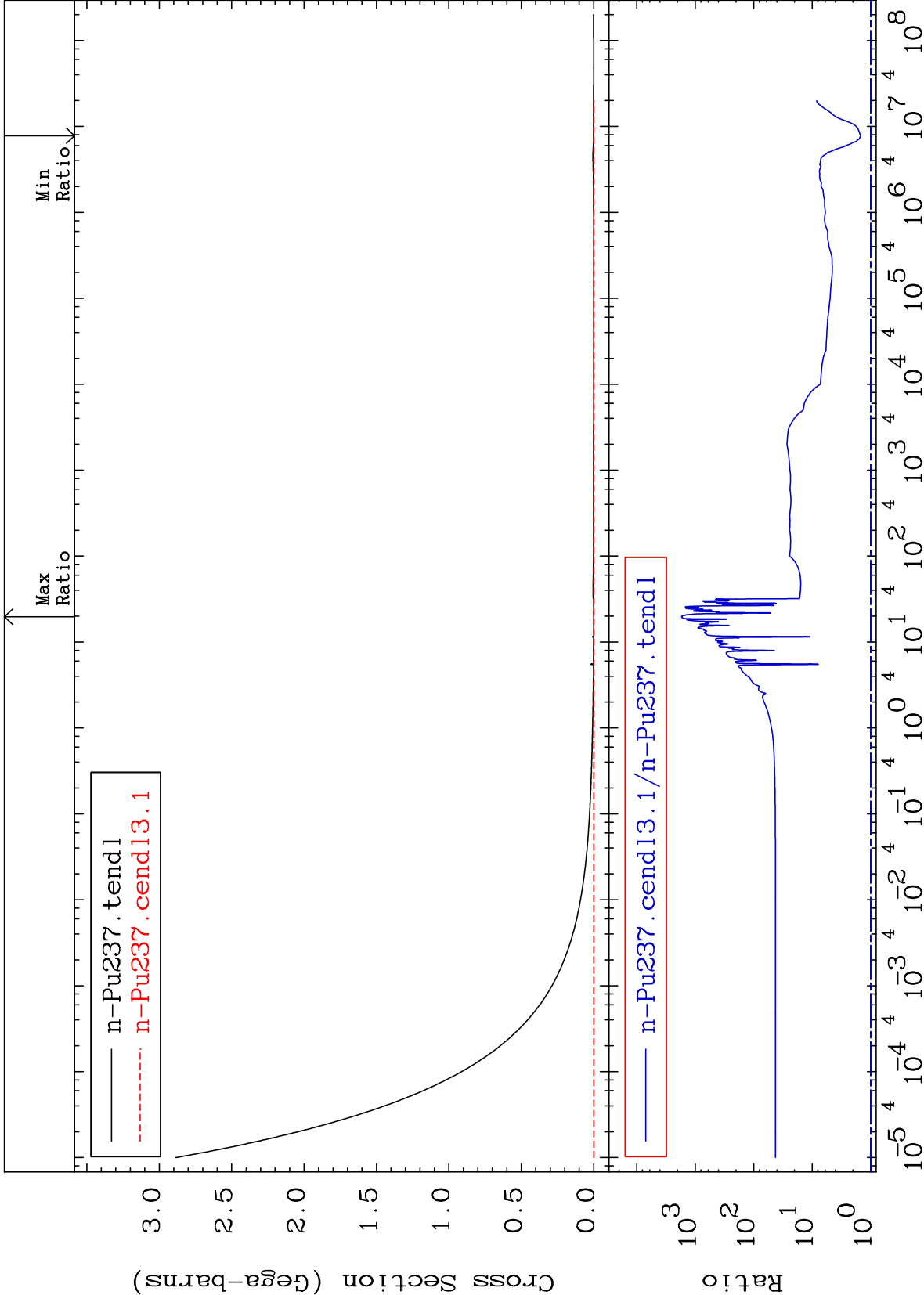
Cross Section

46.74 To 9999. %



Cross Section

46.74 To 9999. %



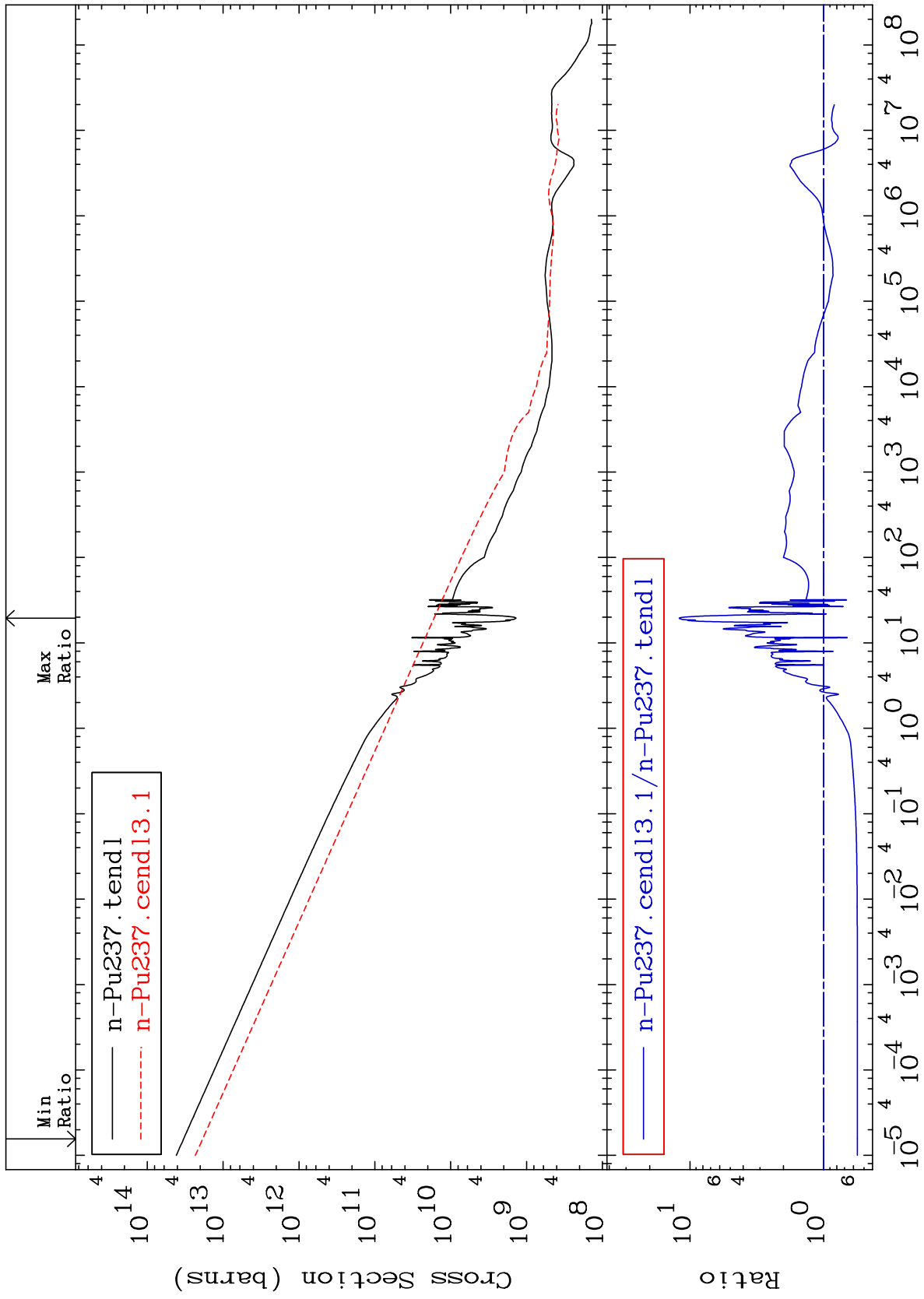
MAT 9431

Total kinematic kerma (high limit)

94-Pu-237

-43.89 To 1106. %

Cross Section



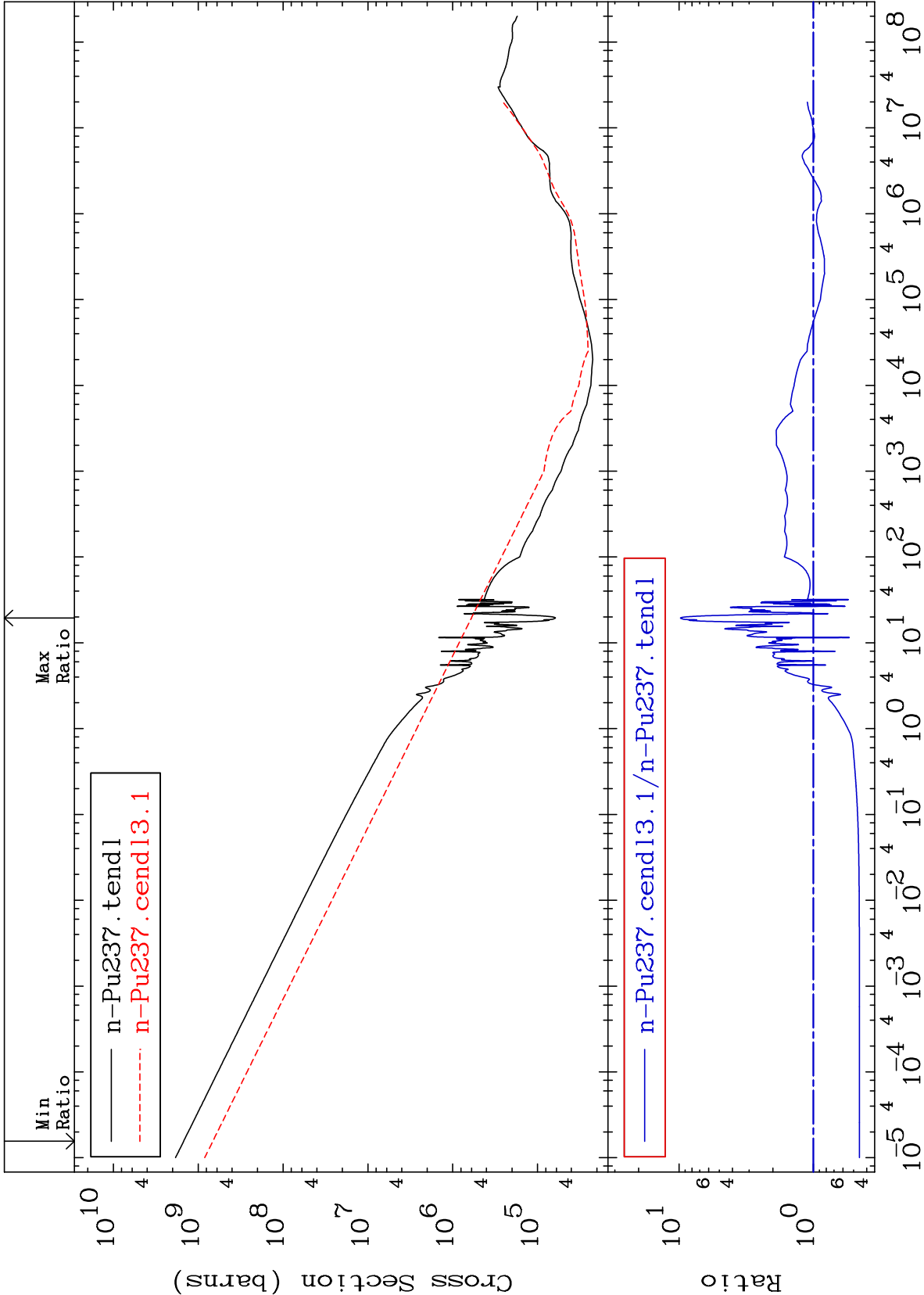
MAT 9431

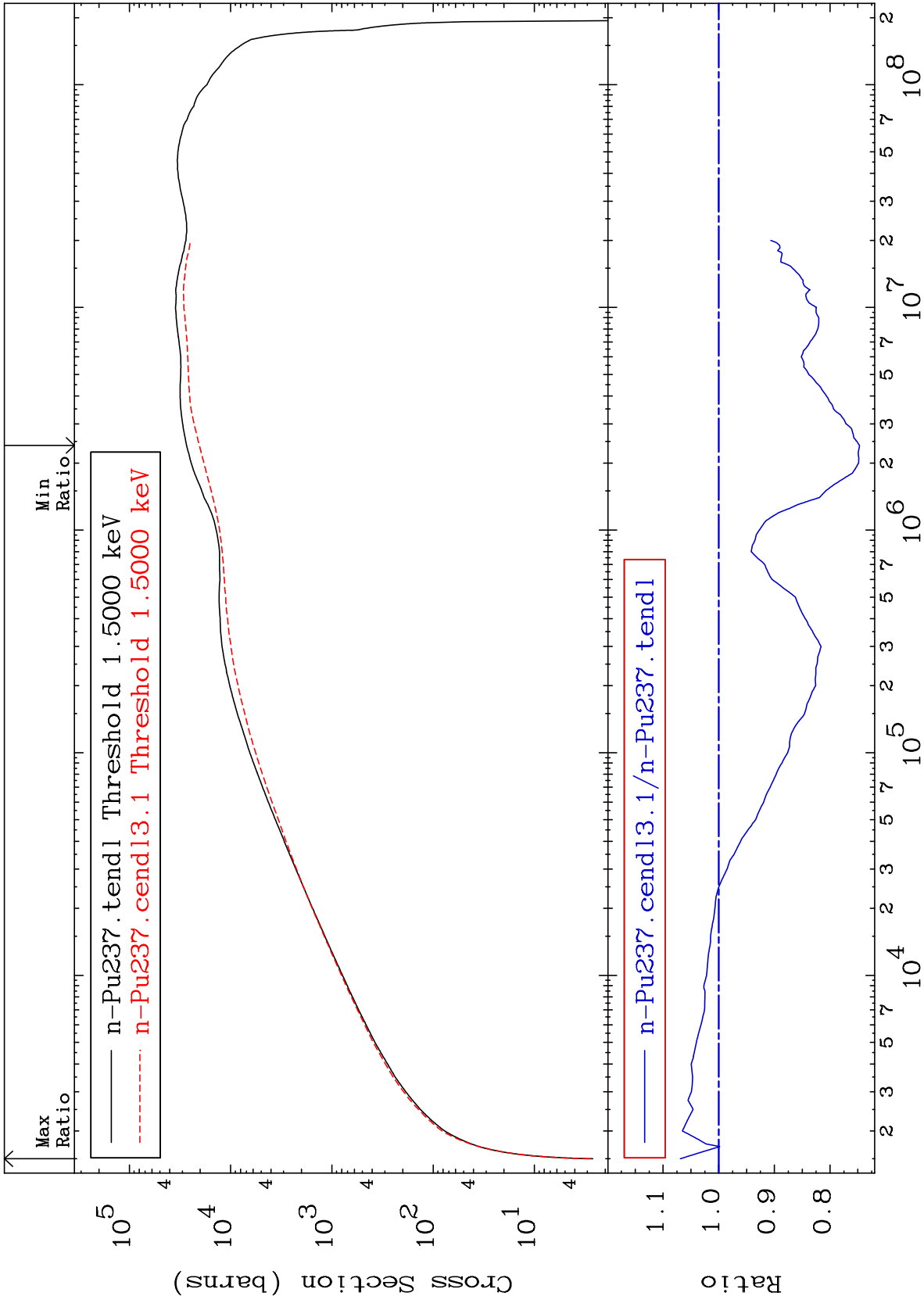
Dpa total (eV-barns)

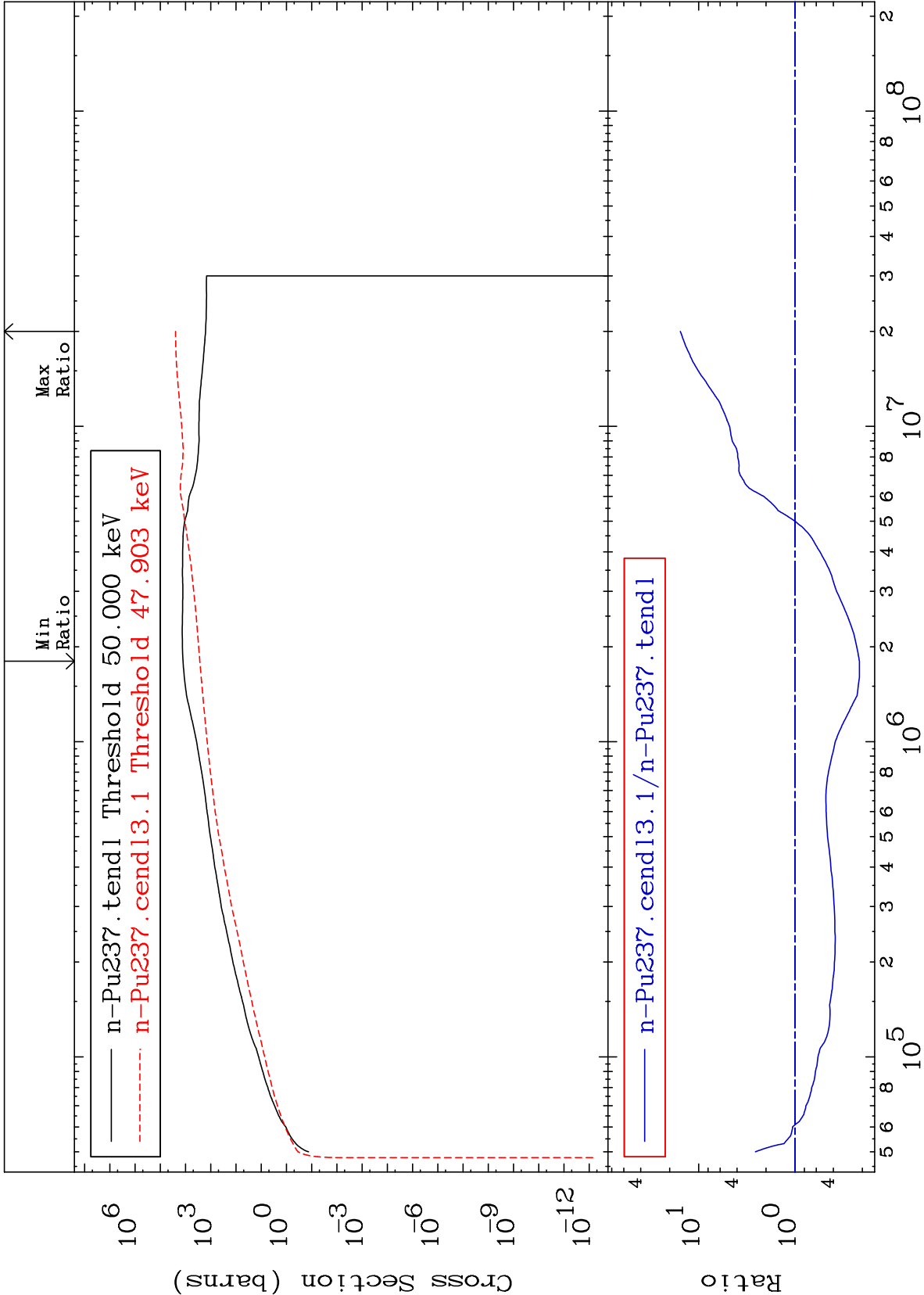
94-Pu-237

-54.69 To 876.6 %

Cross Section







Cross Section

323.2

To 9999. %

