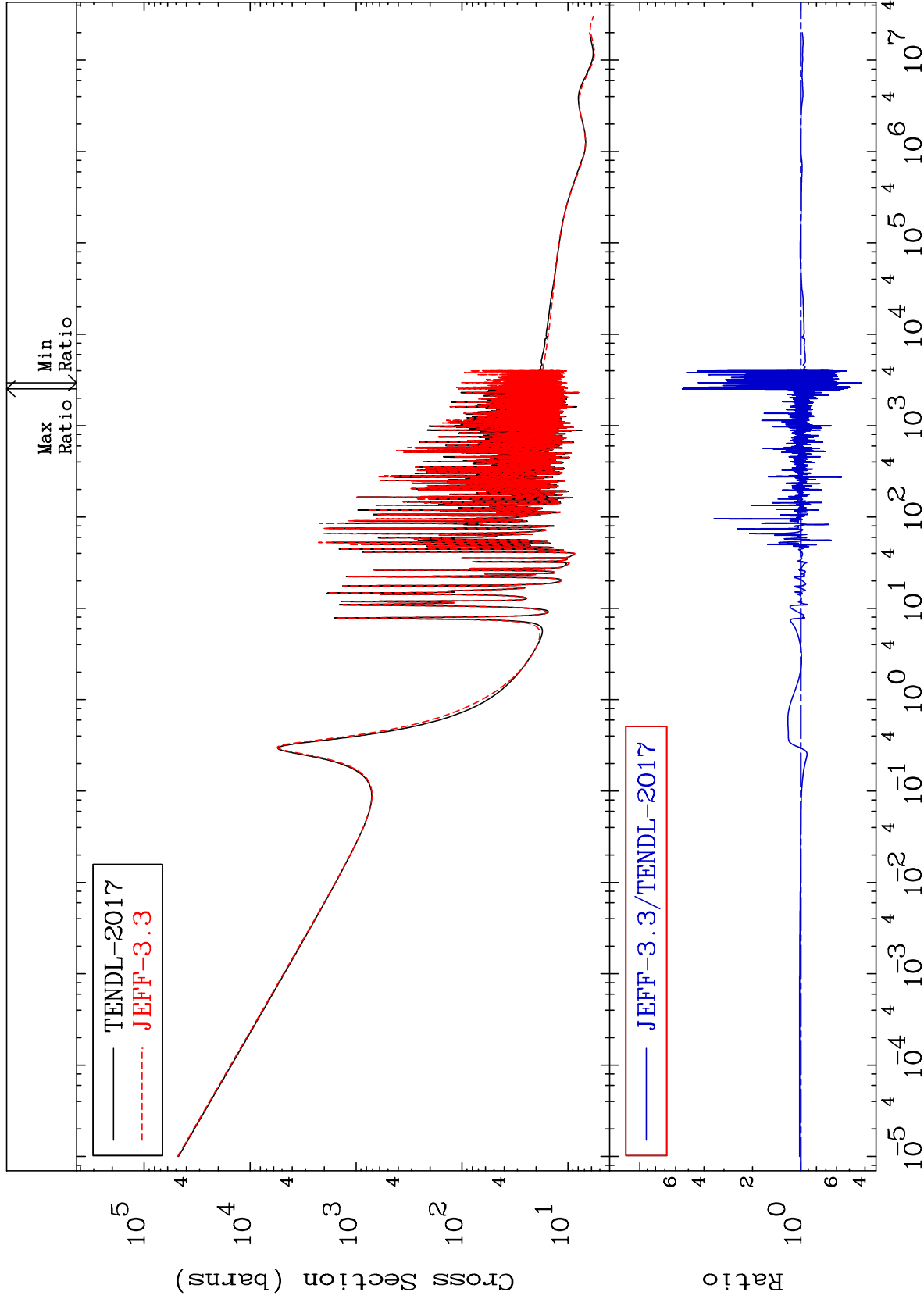


MAT 9437

Total
Cross Section

94-Pu-239
-57.59 To 448.1 %



94-Pu-239

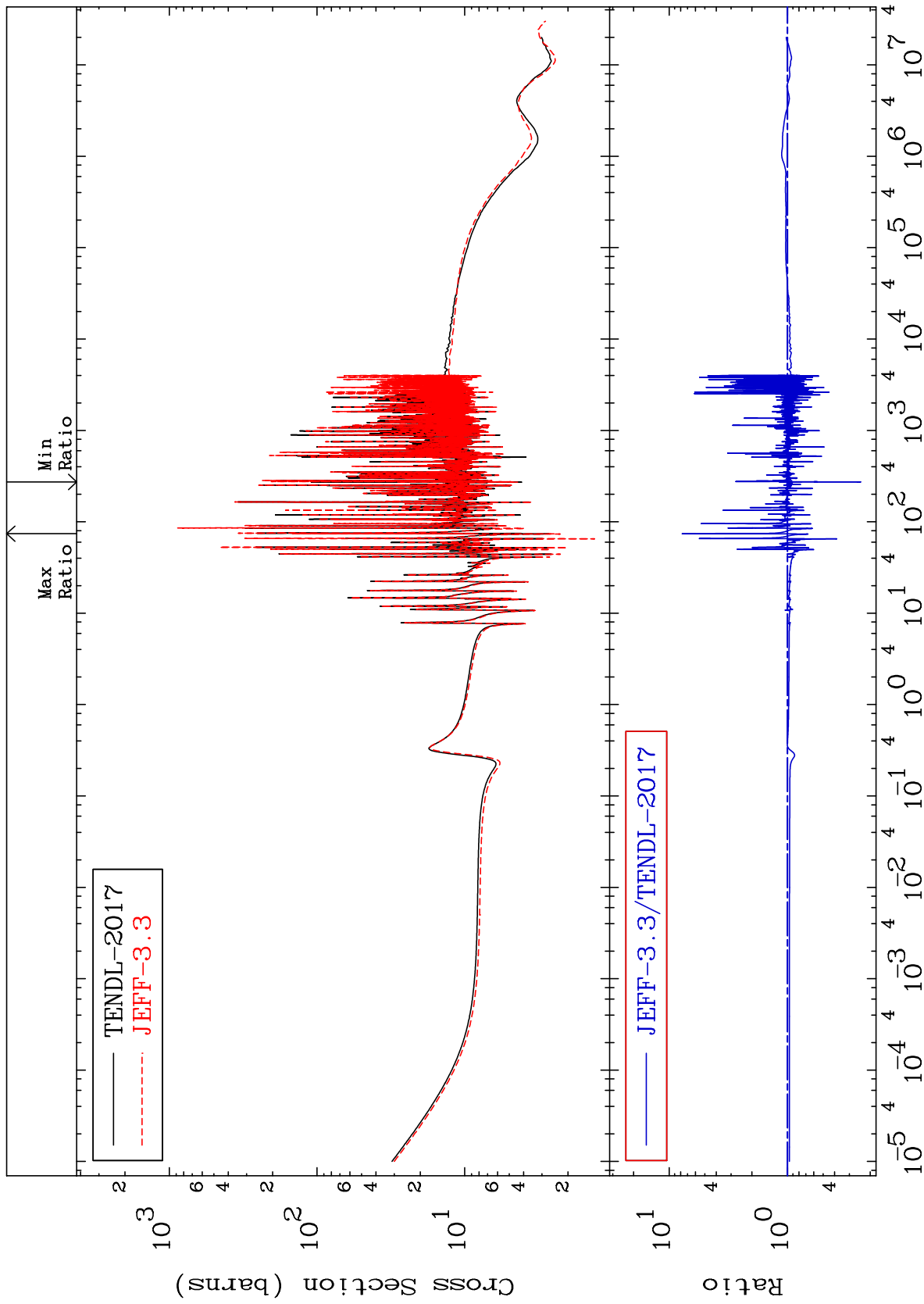
MAT 9437

Elastic

Cross Section

94-Pu-239

-75.96 To 681.6 %



2

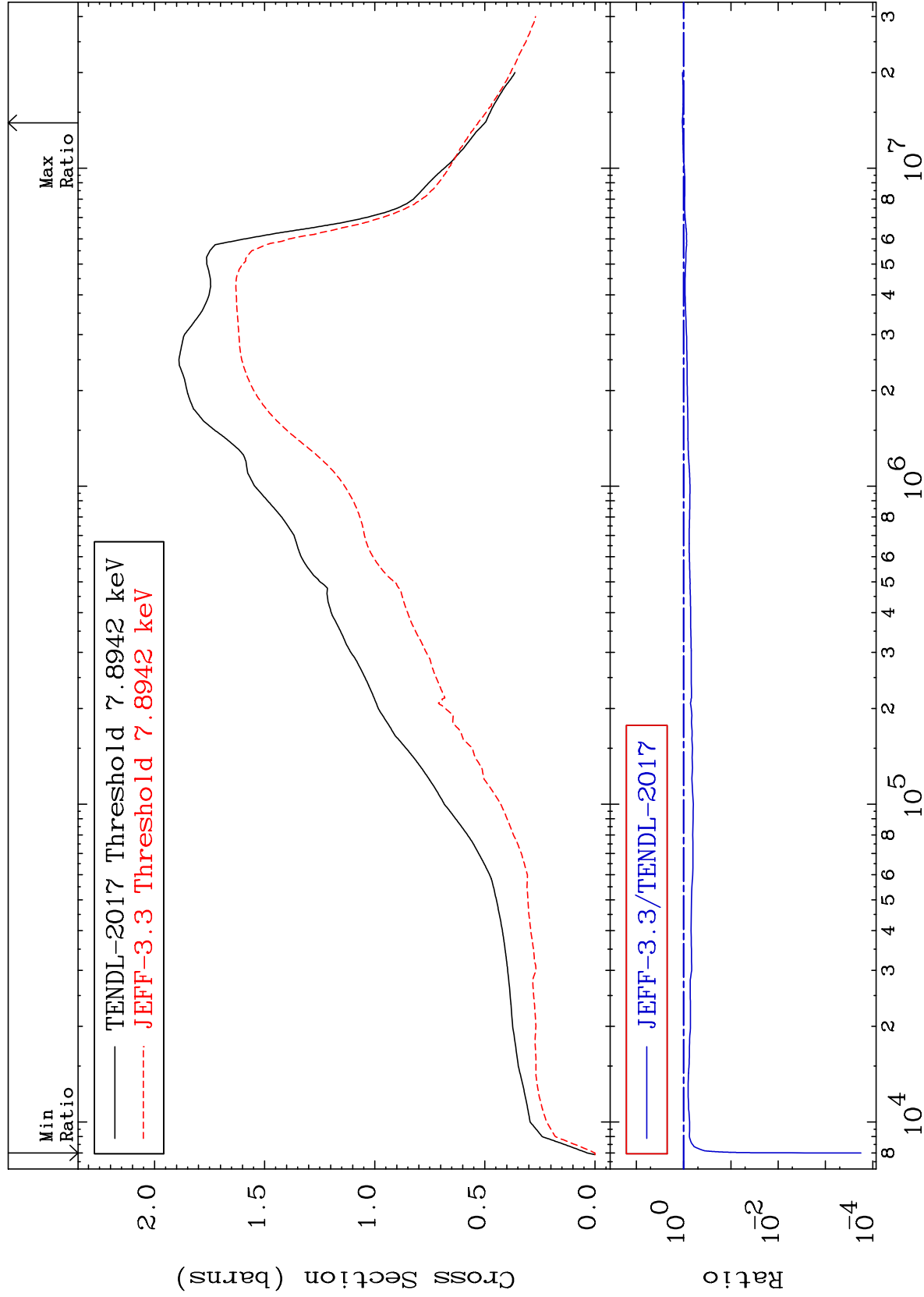
Incident Energy (eV)

94-Pu-239

MAT 9437

Inelastic
Cross Section

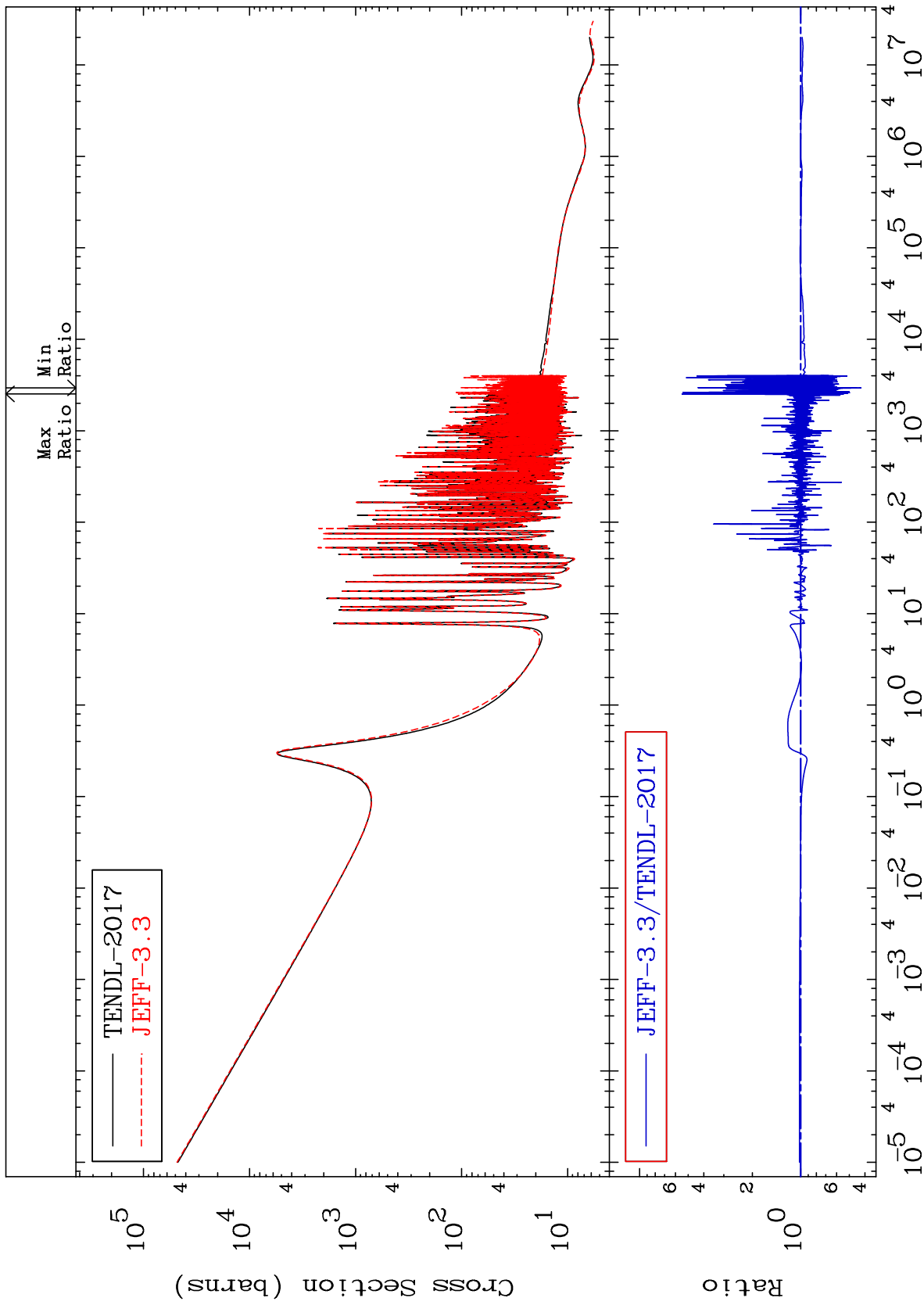
94-Pu-239
-99.98 To 6.344 %



MAT 9437

Total
Cross Section

94-Pu-239
-57.59 To 448.1 %



Incident Energy (eV)

94-Pu-239

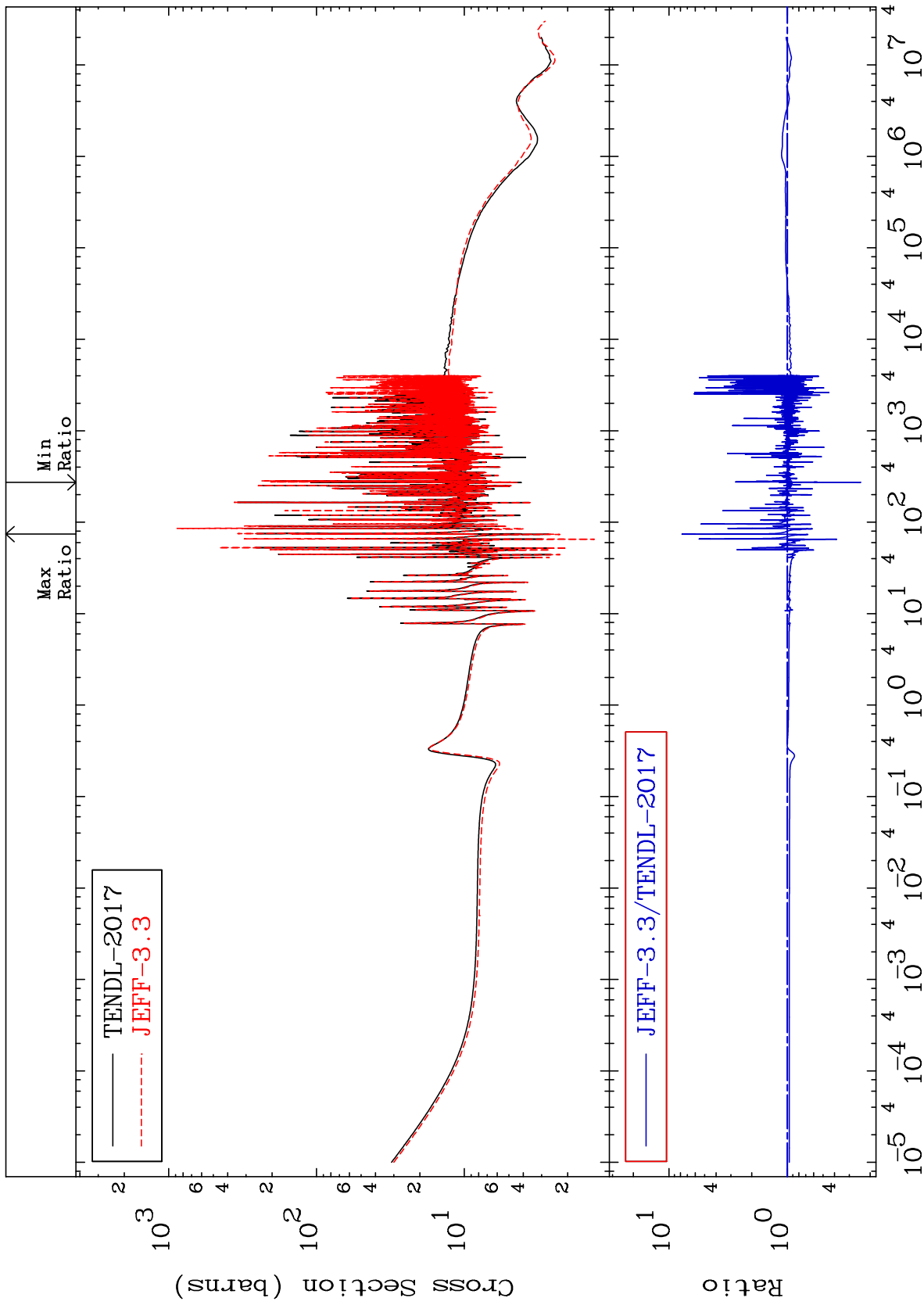
MAT 9437

Elastic

Cross Section

94-Pu-239

-75.96 To 681.6 %



2

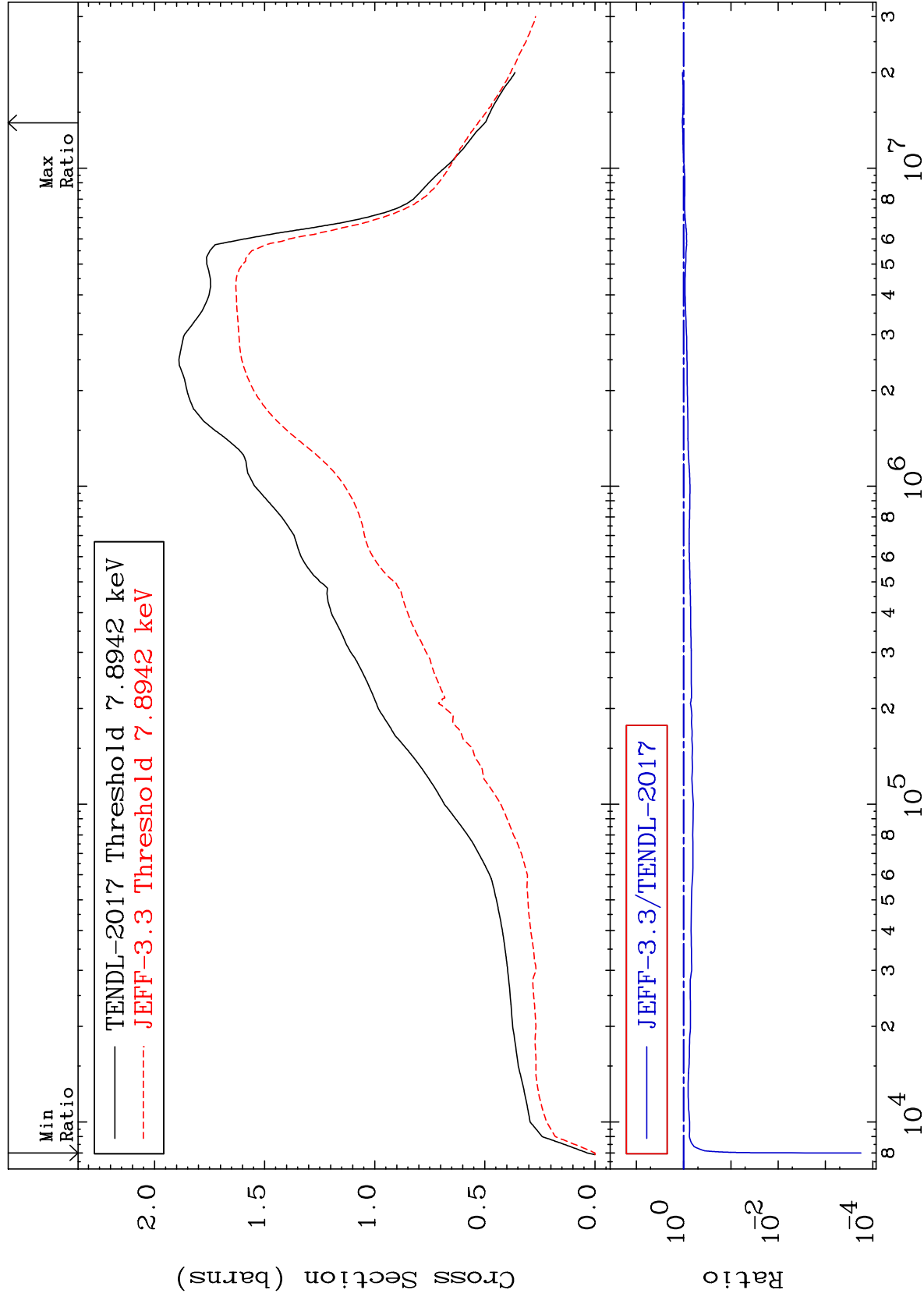
Incident Energy (eV)

94-Pu-239

MAT 9437

Inelastic
Cross Section

94-Pu-239
-99.98 To 6.344 %



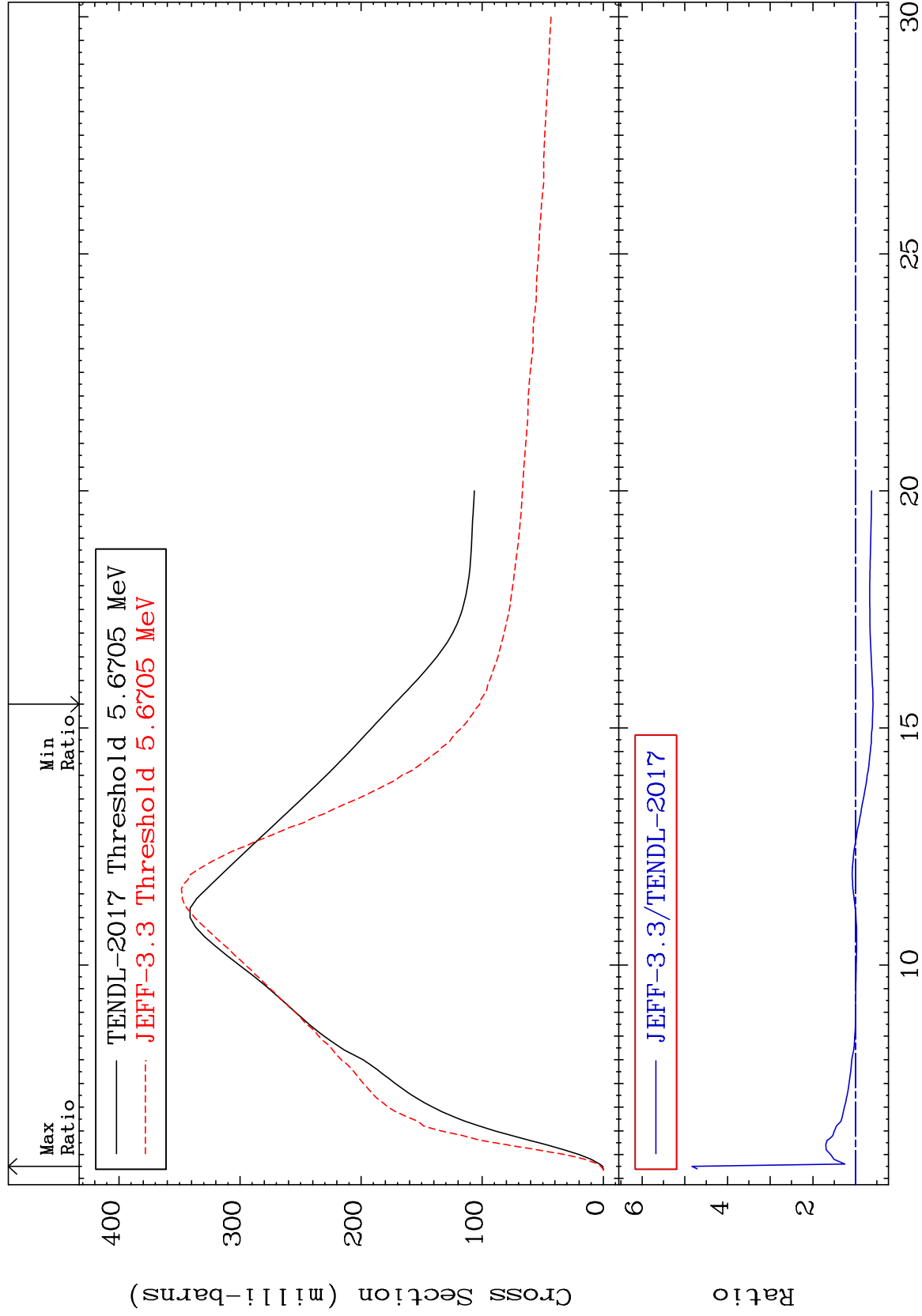
MAT 9437

(n, 2n)

94-Pu-239

Cross Section

-40.96 To 383.2 %



4

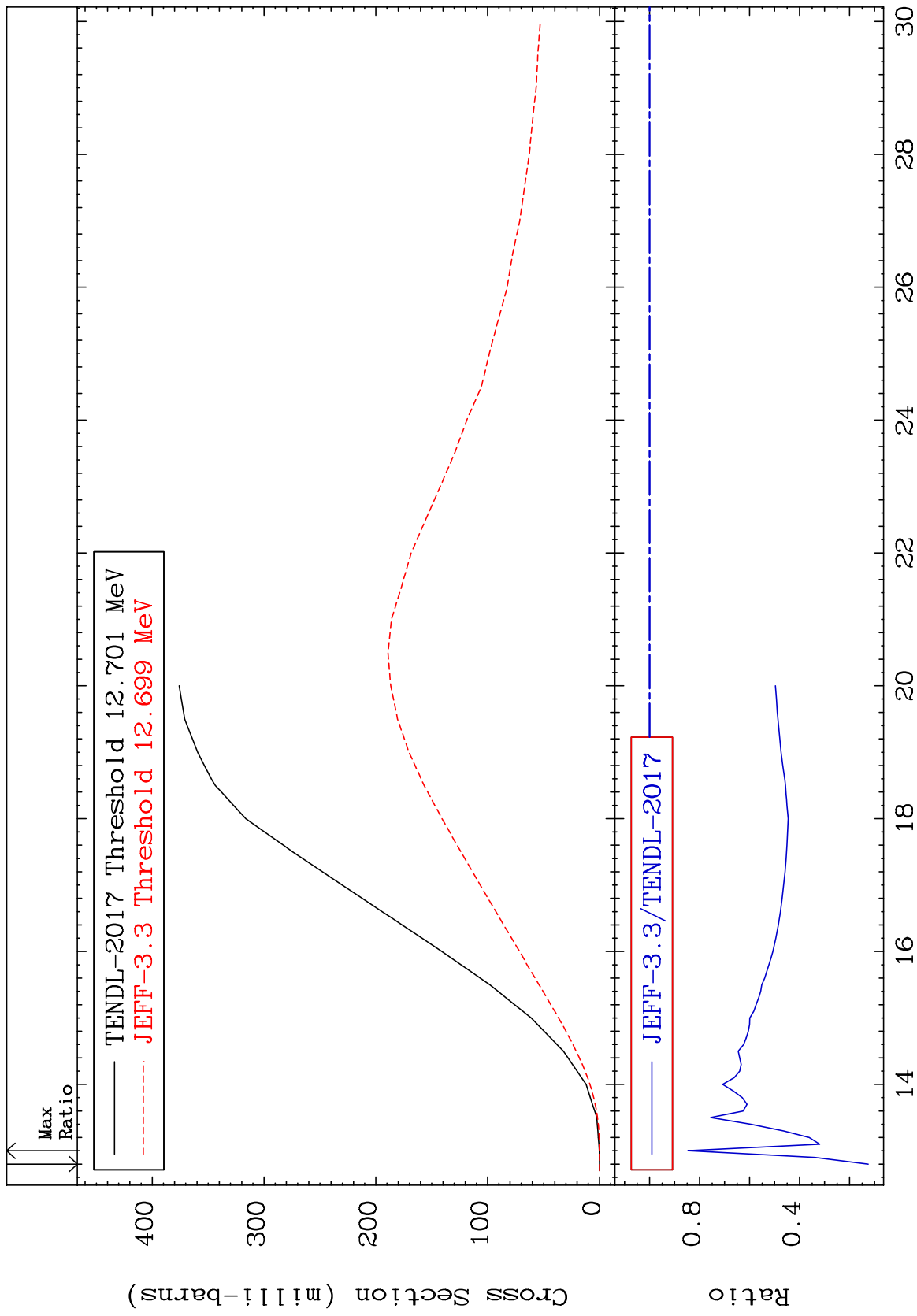
Incident Energy (MeV)

94-Pu-239

MAT 9437

(n,3n)
Cross Section

94-Pu-239
-87.48 To -15.31%



5

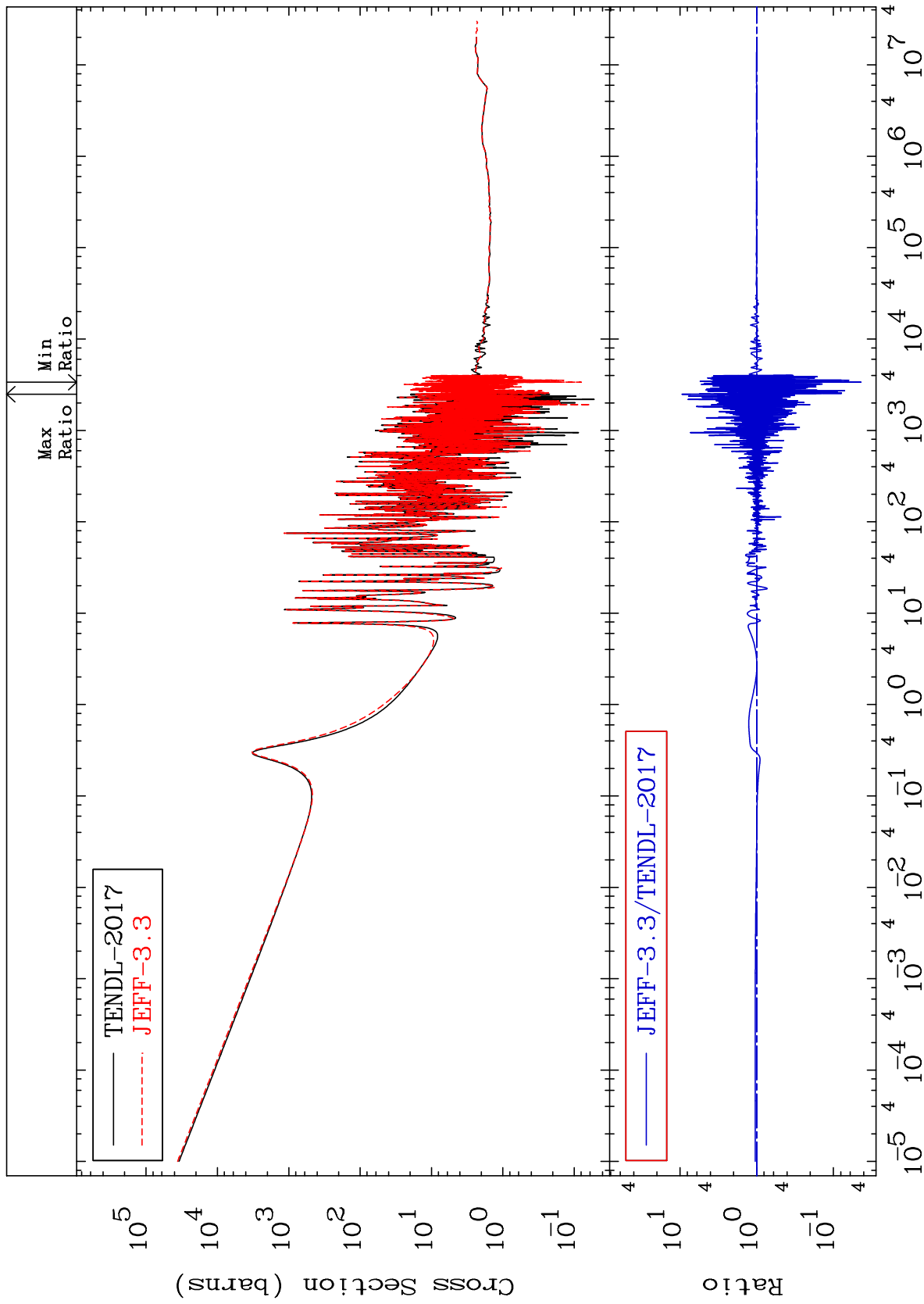
Incident Energy (MeV)

94-Pu-239

MAT 9437

Fission
Cross Section

94-Pu-239
-95.63 To 842.7 %



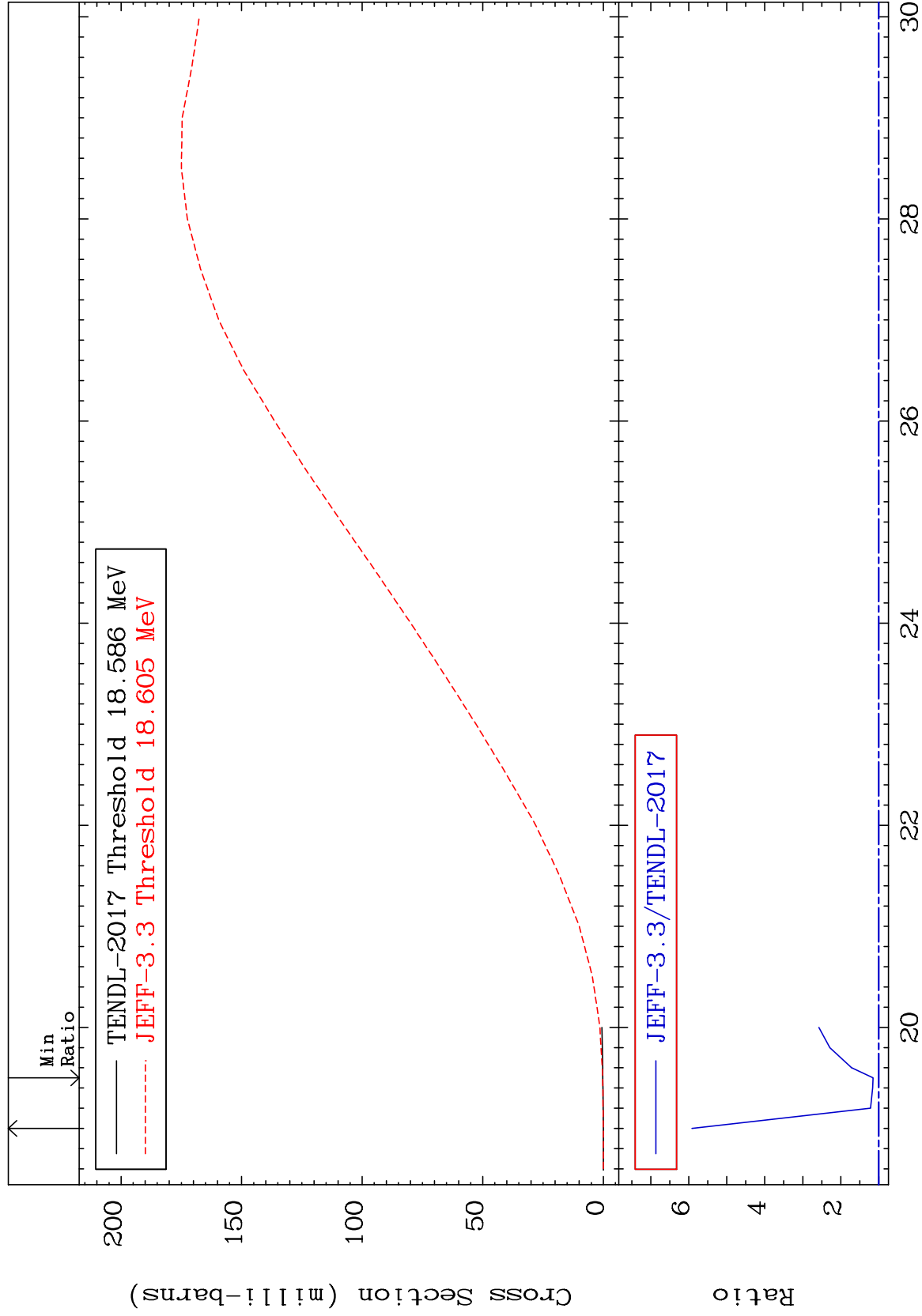
MAT 9437

(n, 4n)

94-Pu-239

Cross Section

14.97 To 491.5 %



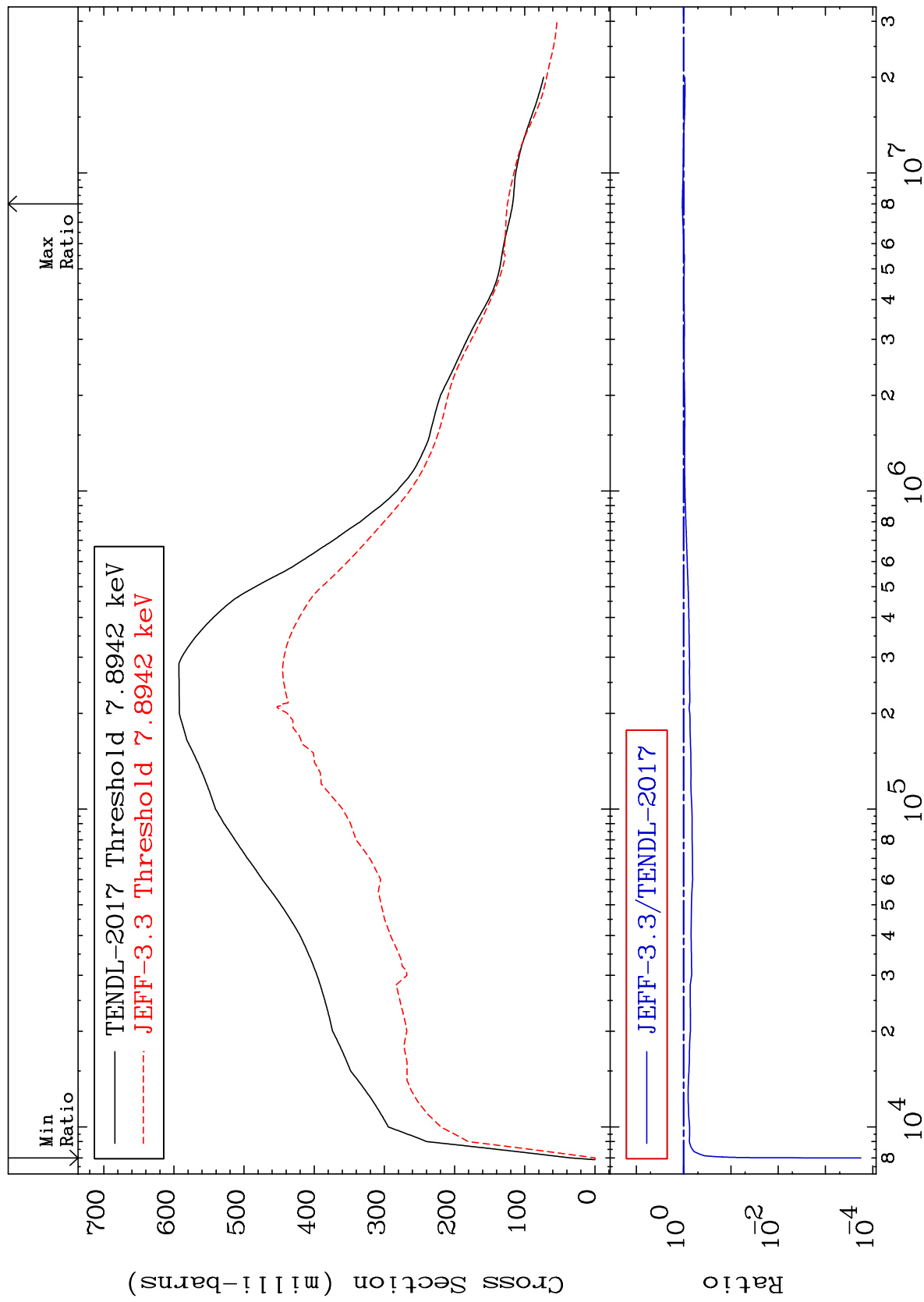
7

94-Pu-239

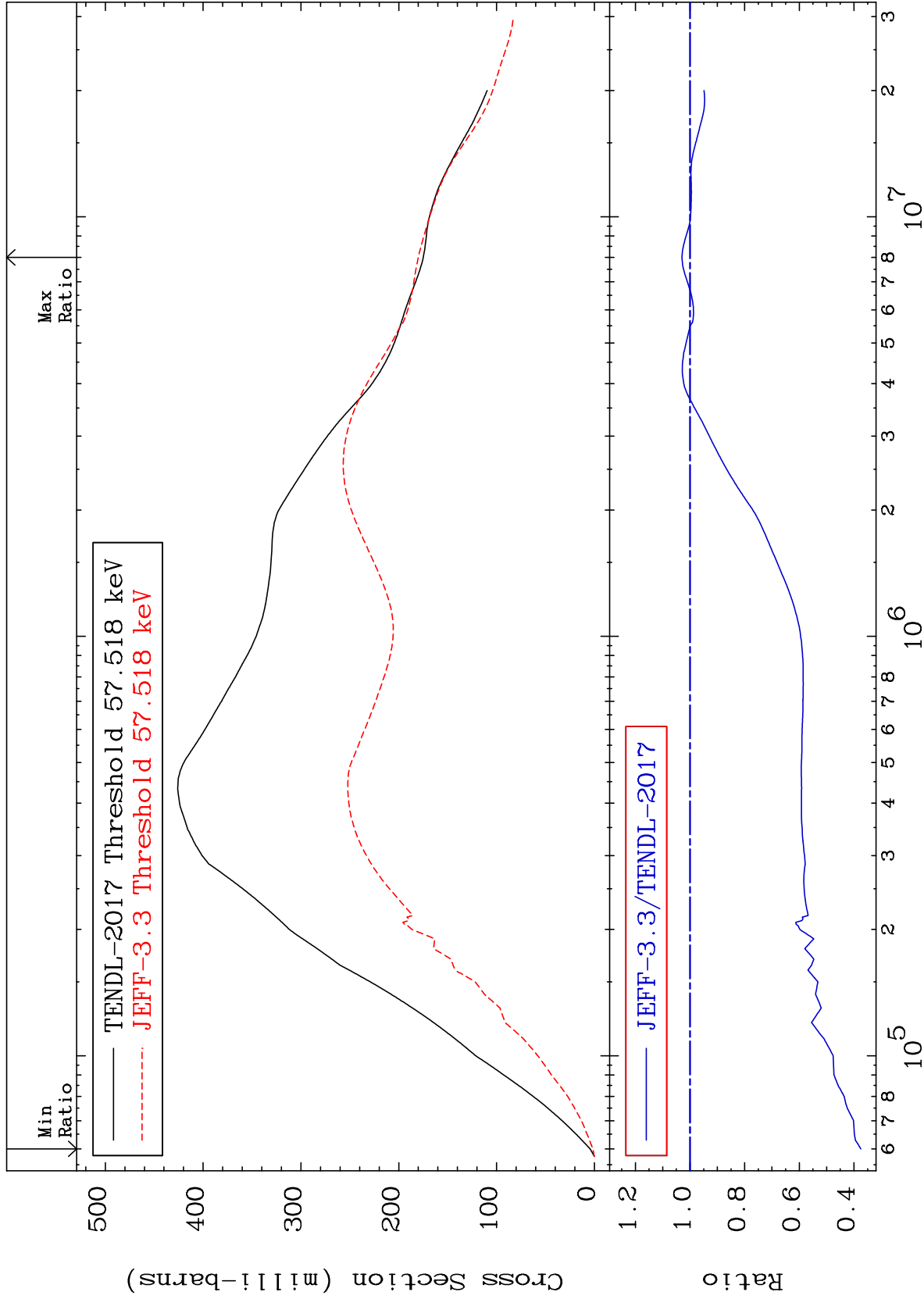
MAT 9437

7.861 keV (n,n') Level
Cross Section

94-Pu-239
-99.98 To 6.226 %



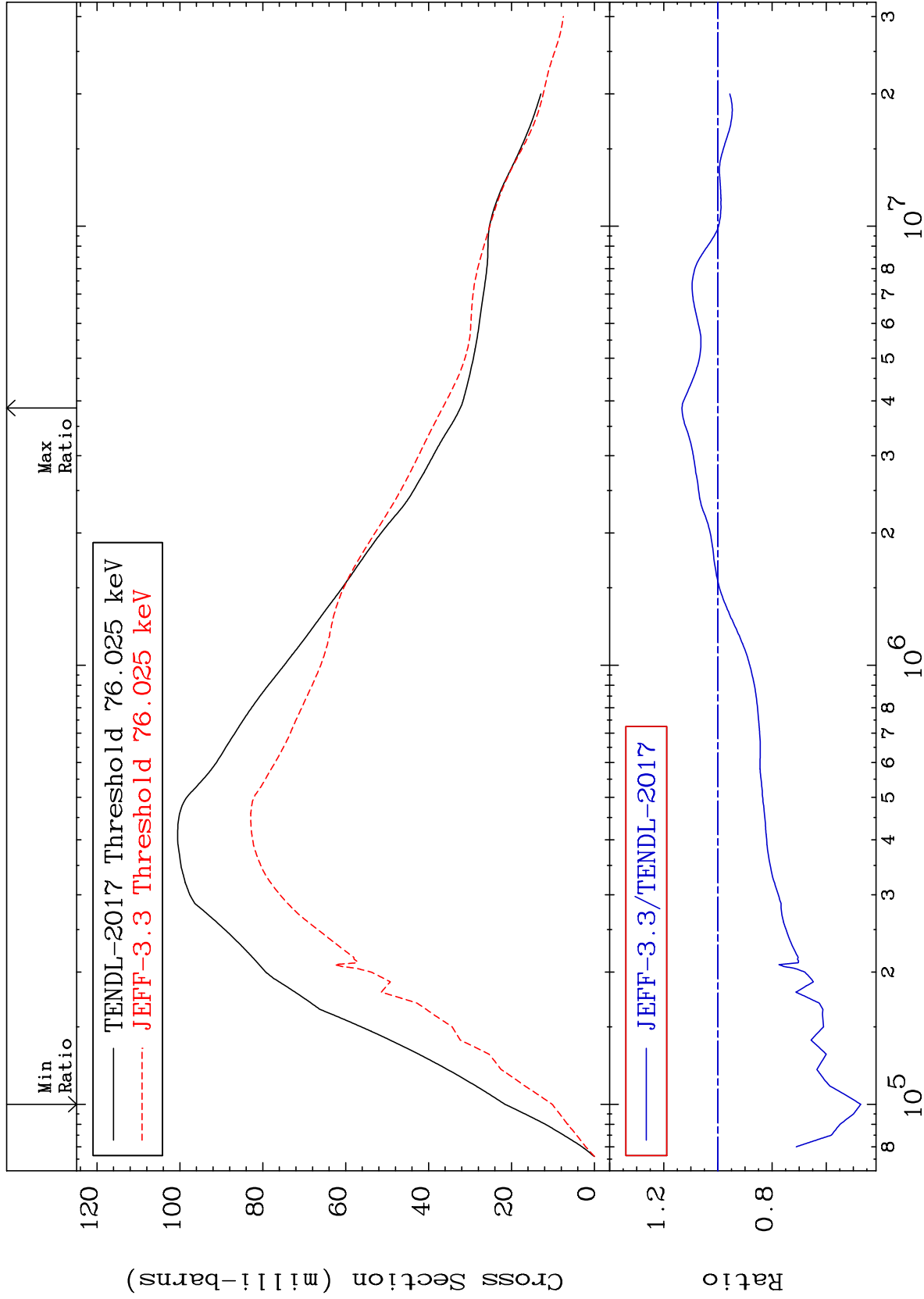
MAT 9437 57.28 keV (n,n') Level Cross Section 94-Pu-239 -62.51 To 2.949 %



94-Pu-239

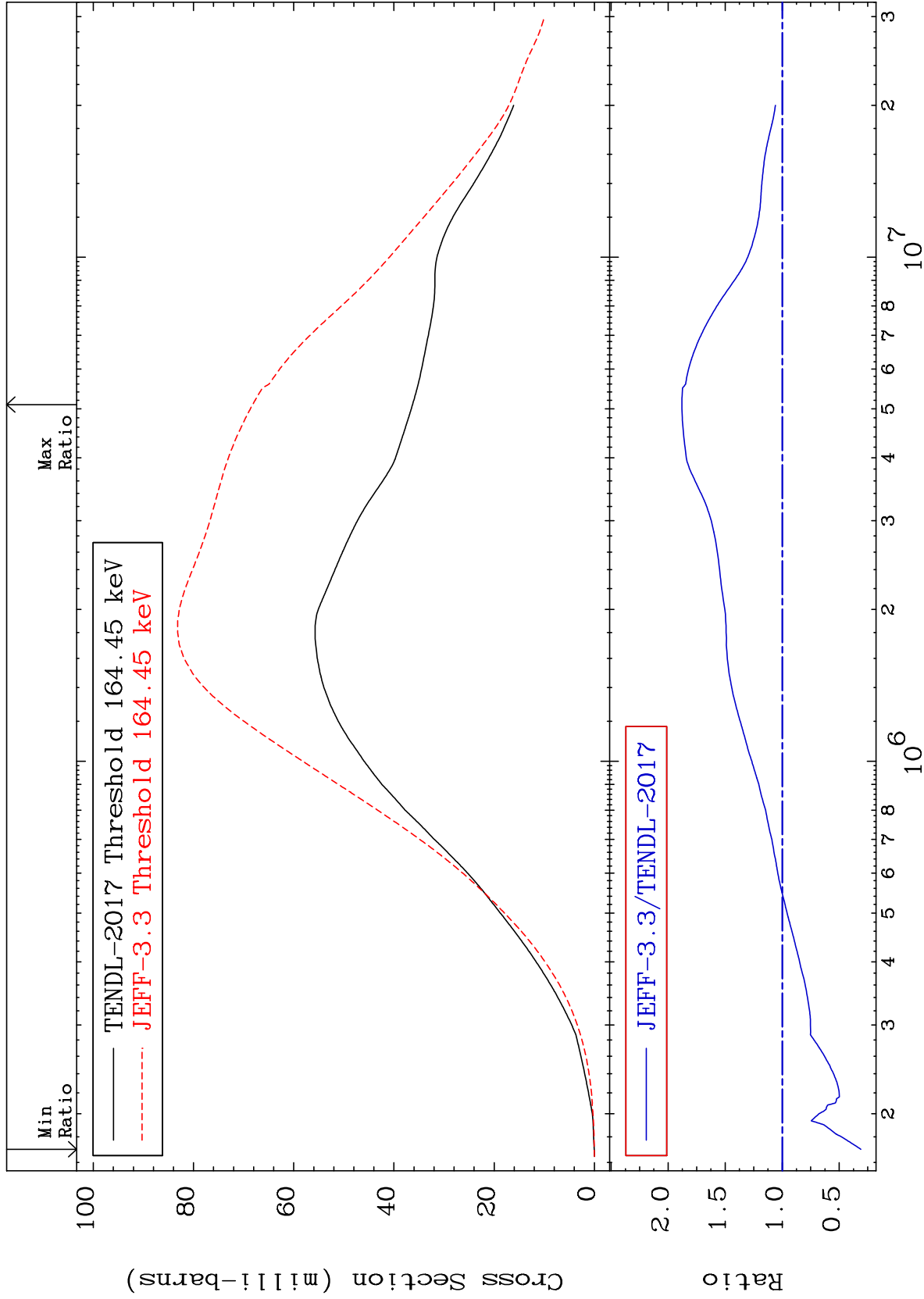
Incident Energy (eV)

MAT 9437 75.71 keV (n,n') Level Cross Section 94-Pu-239 -52.78 To 13.31 %



94-Pu-239

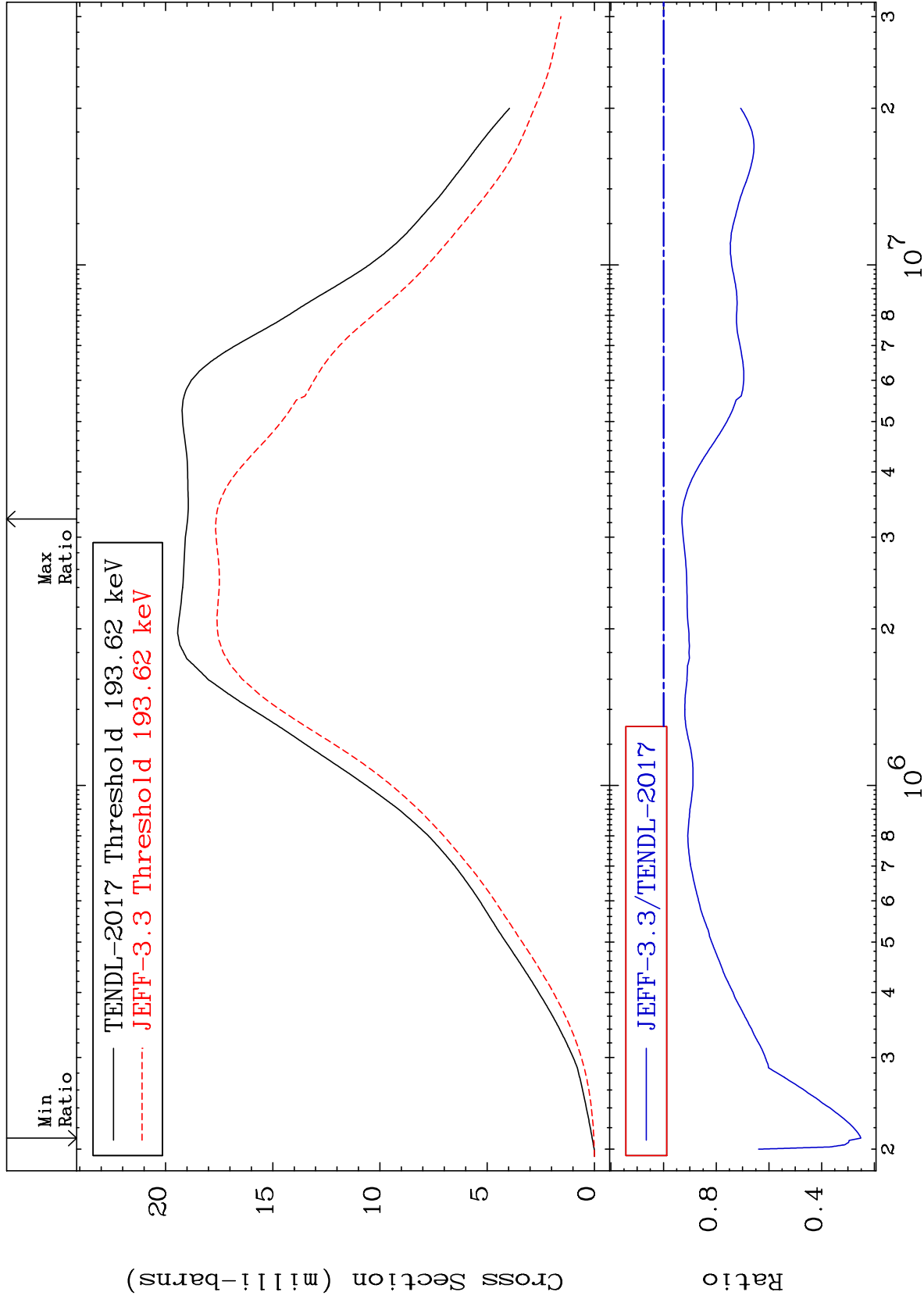
MAT 9437 163.8 keV (n,n') Level Cross Section 94-Pu-239 -68.92 To 87.90 %



94-Pu-239

Incident Energy (eV)

MAT 9437 192.8 keV (n,n') Level 94-Pu-239
 Cross Section -74.86 To -6.992%



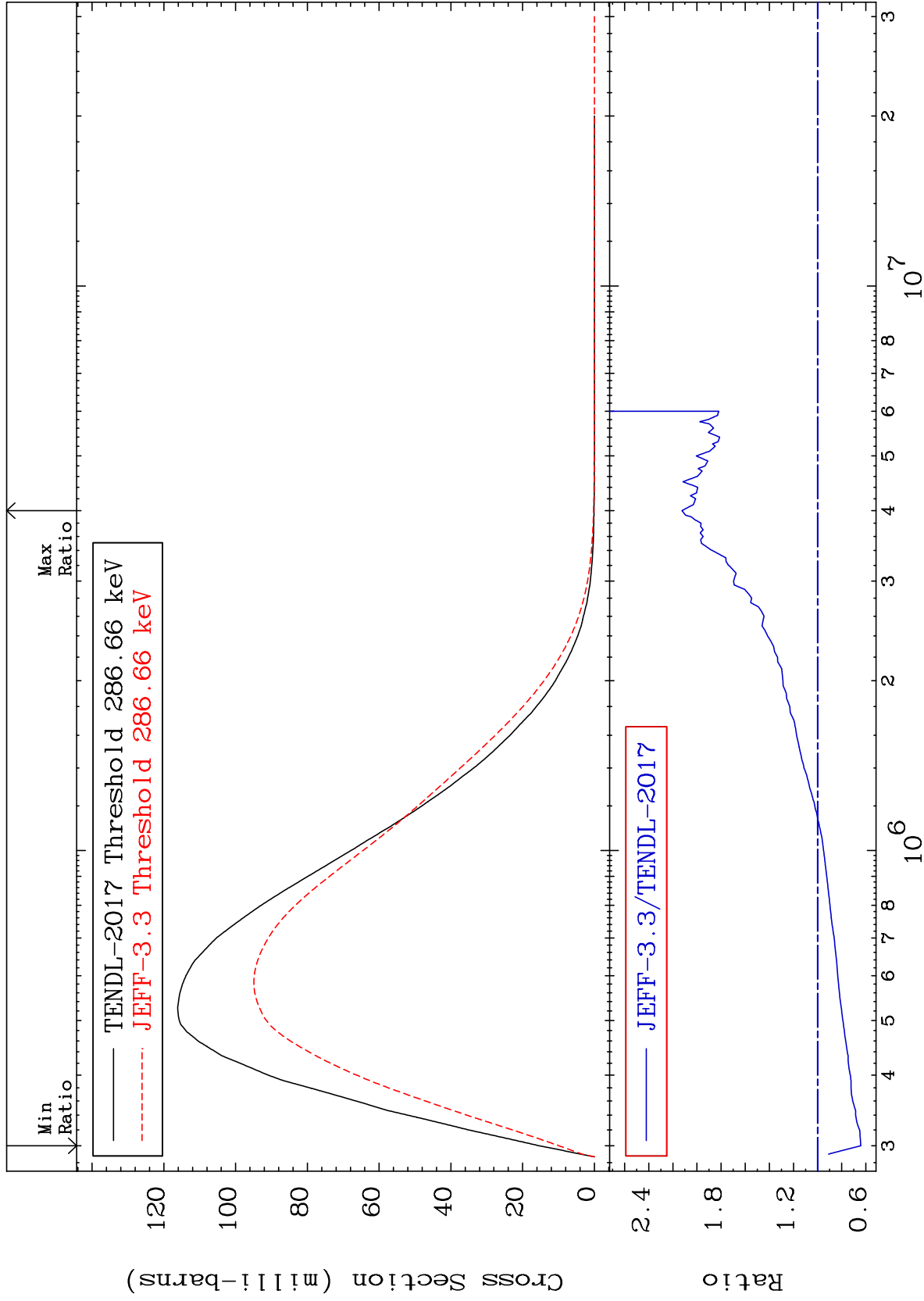
94-Pu-239

12

MAT 9437

285.5 keV (n,n') Level
Cross Section

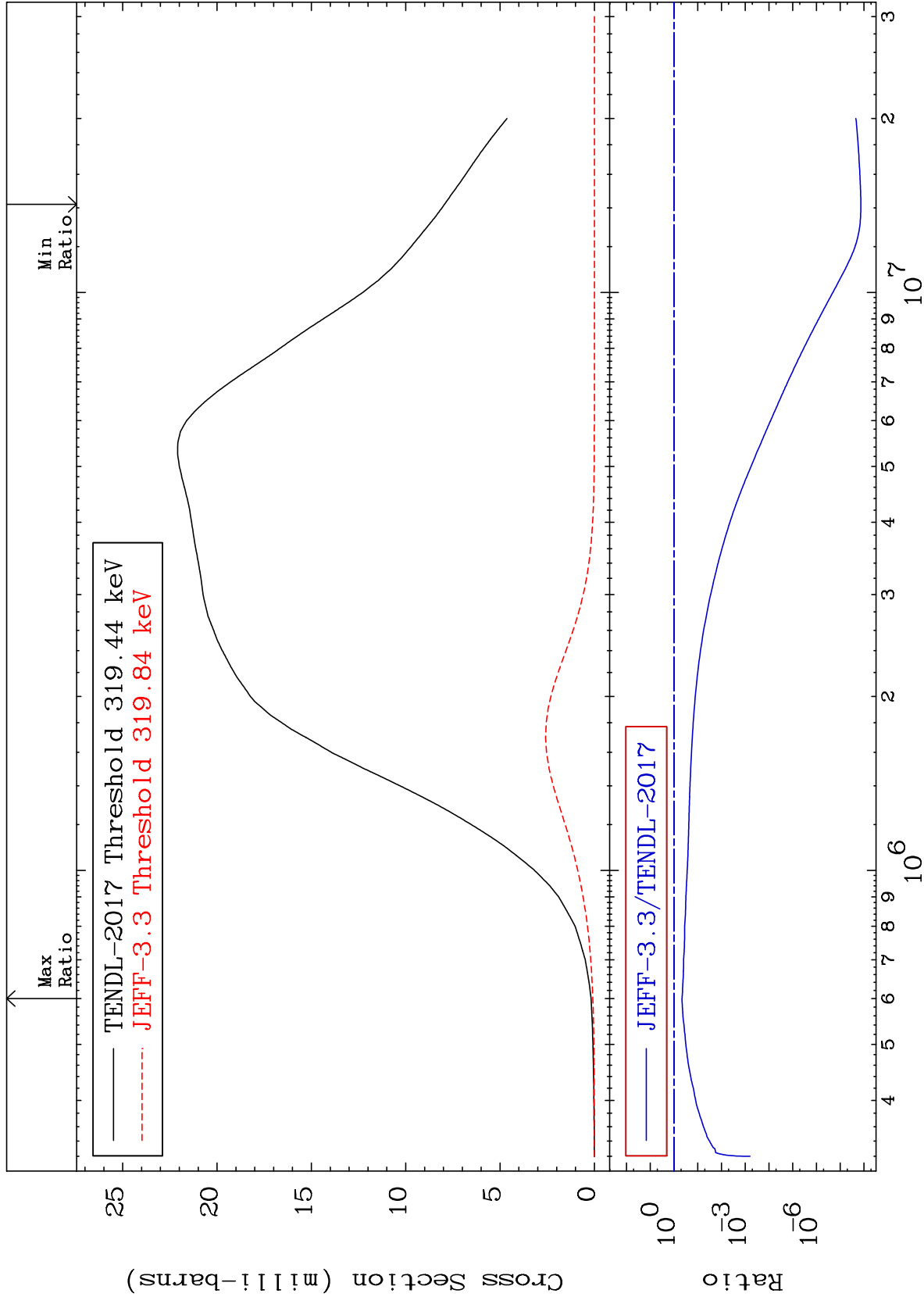
94-Pu-239
-35.83 To 112.5 %



13

94-Pu-239

MAT 9437 318.1 keV (n,n') Level Cross Section 94-Pu-239 -100.0 To -53.88%



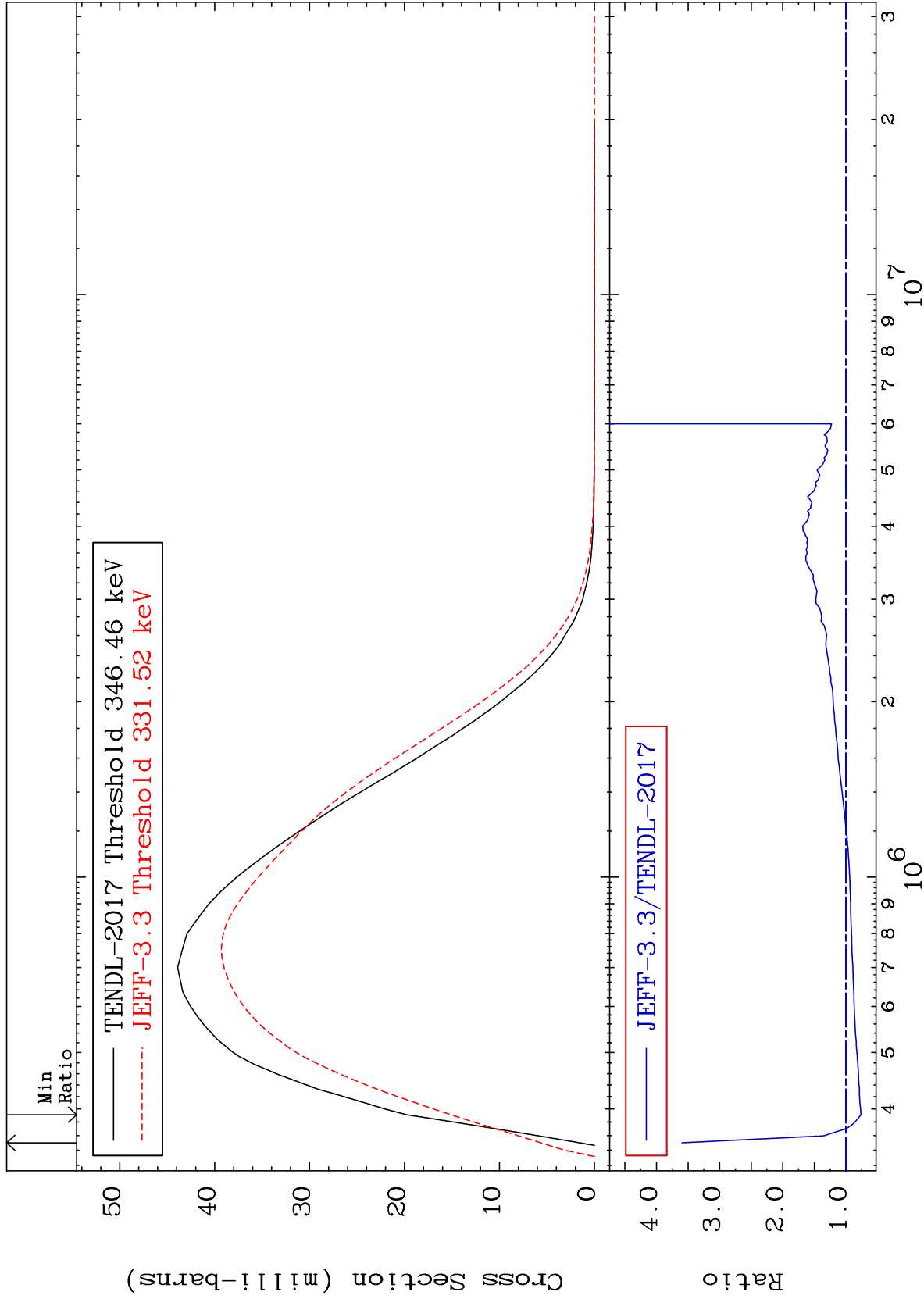
94-Pu-239

Incident Energy (eV)

MAT 9437

345.0 keV (n,n') Level
Cross Section

94-Pu-239
-23.67 To 259.7 %



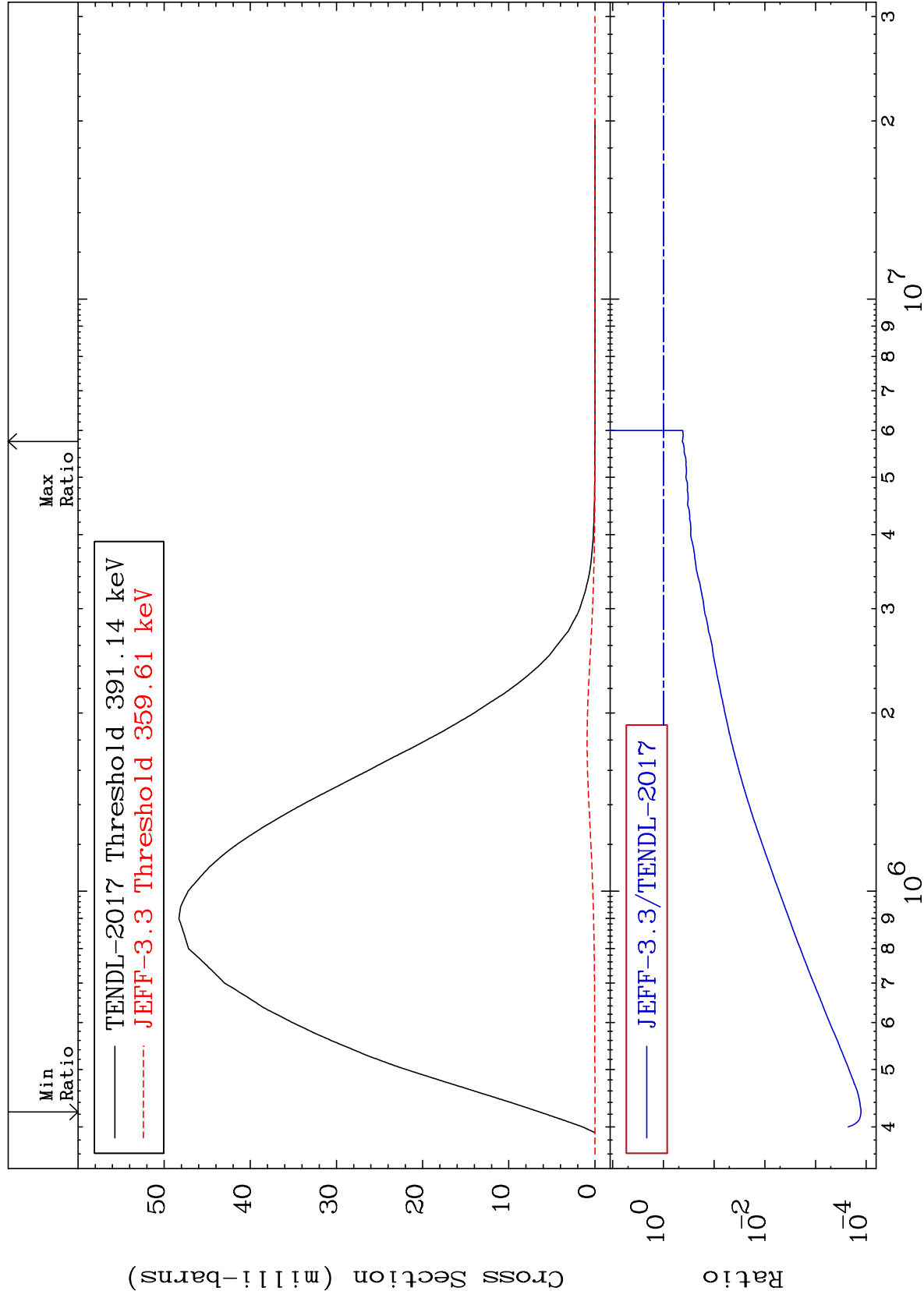
15

94-Pu-239

MAT 9437

389.5 keV (n,n') Level
Cross Section

94-Pu-239
-99.99 To -57.68%



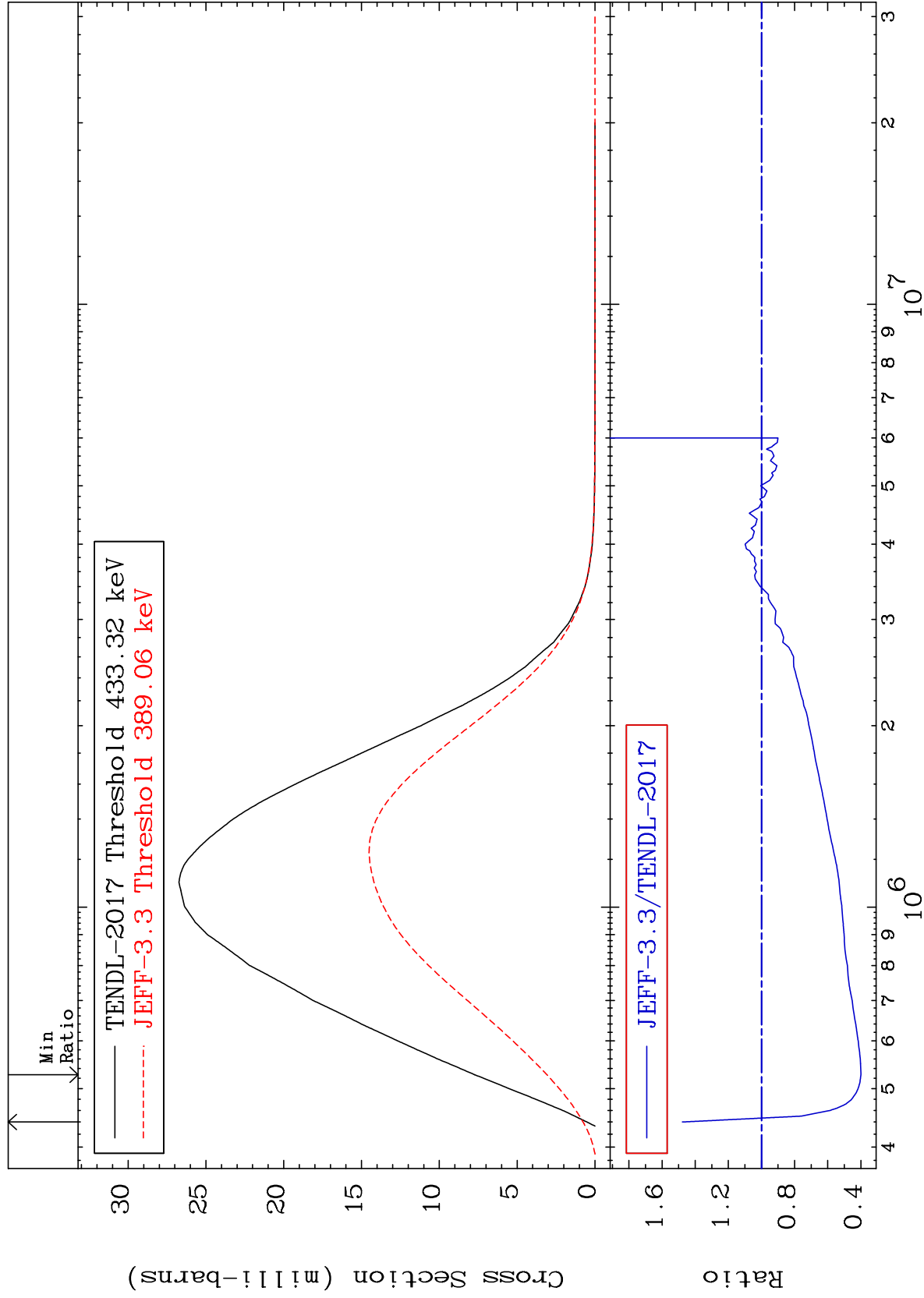
16

94-Pu-239

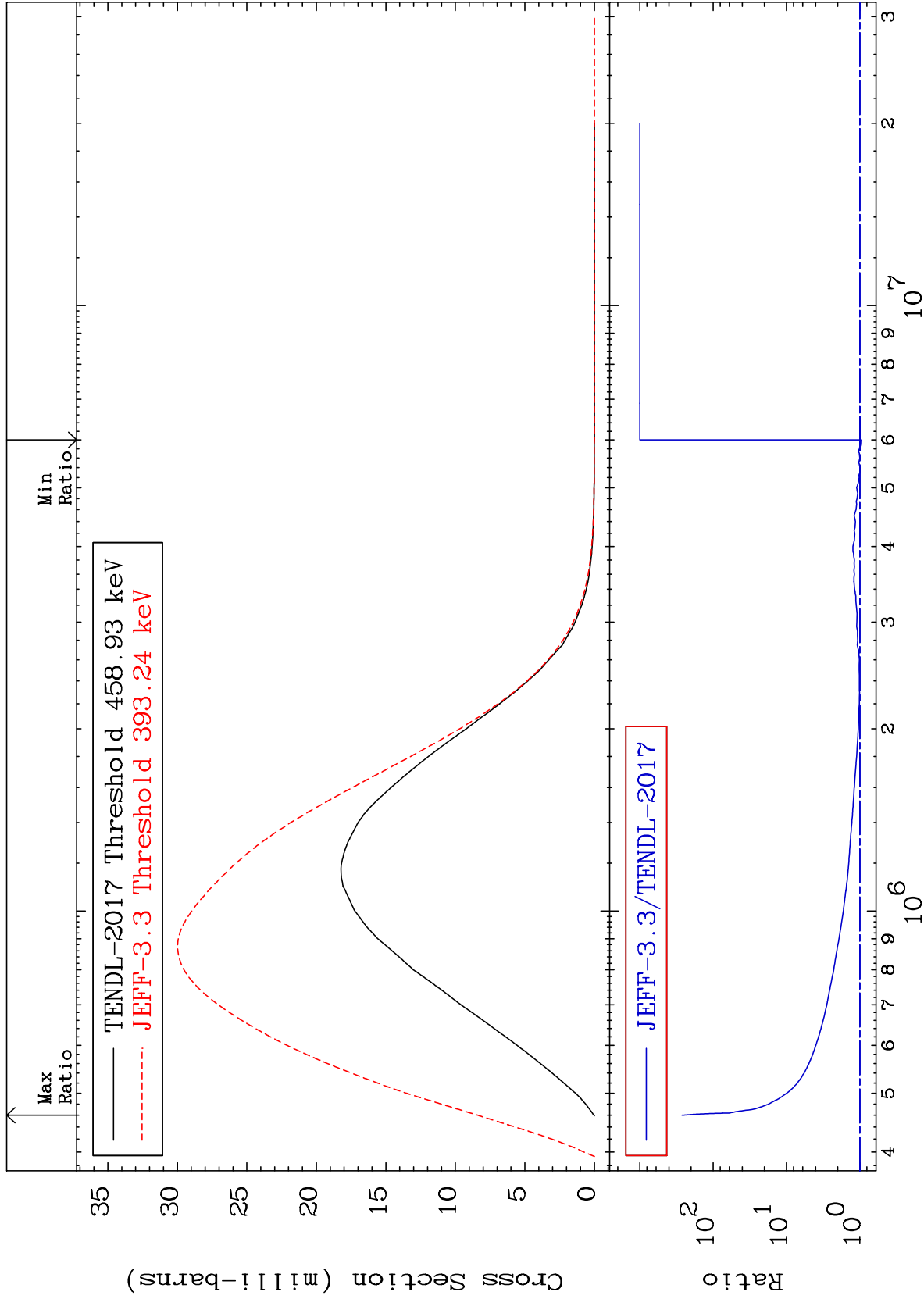
MAT 9437

431.5 keV (n,n') Level
Cross Section

94-Pu-239
-60.04 To 47.77 %



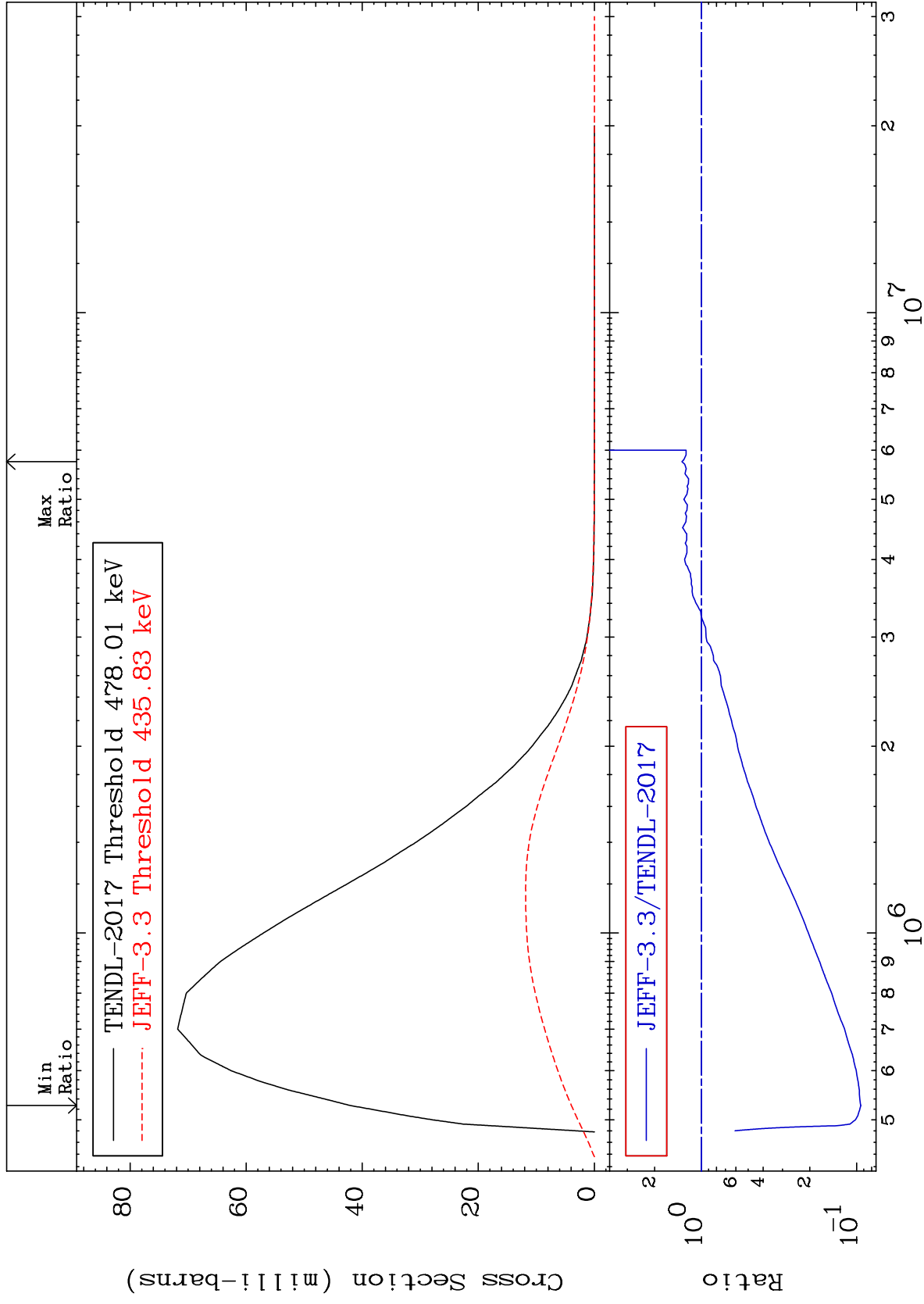
MAT 9437 457.0 keV (n,n') Level -3.167 To 9999. % 94-Pu-239



MAT 9437

476.0 keV (n,n') Level
Cross Section

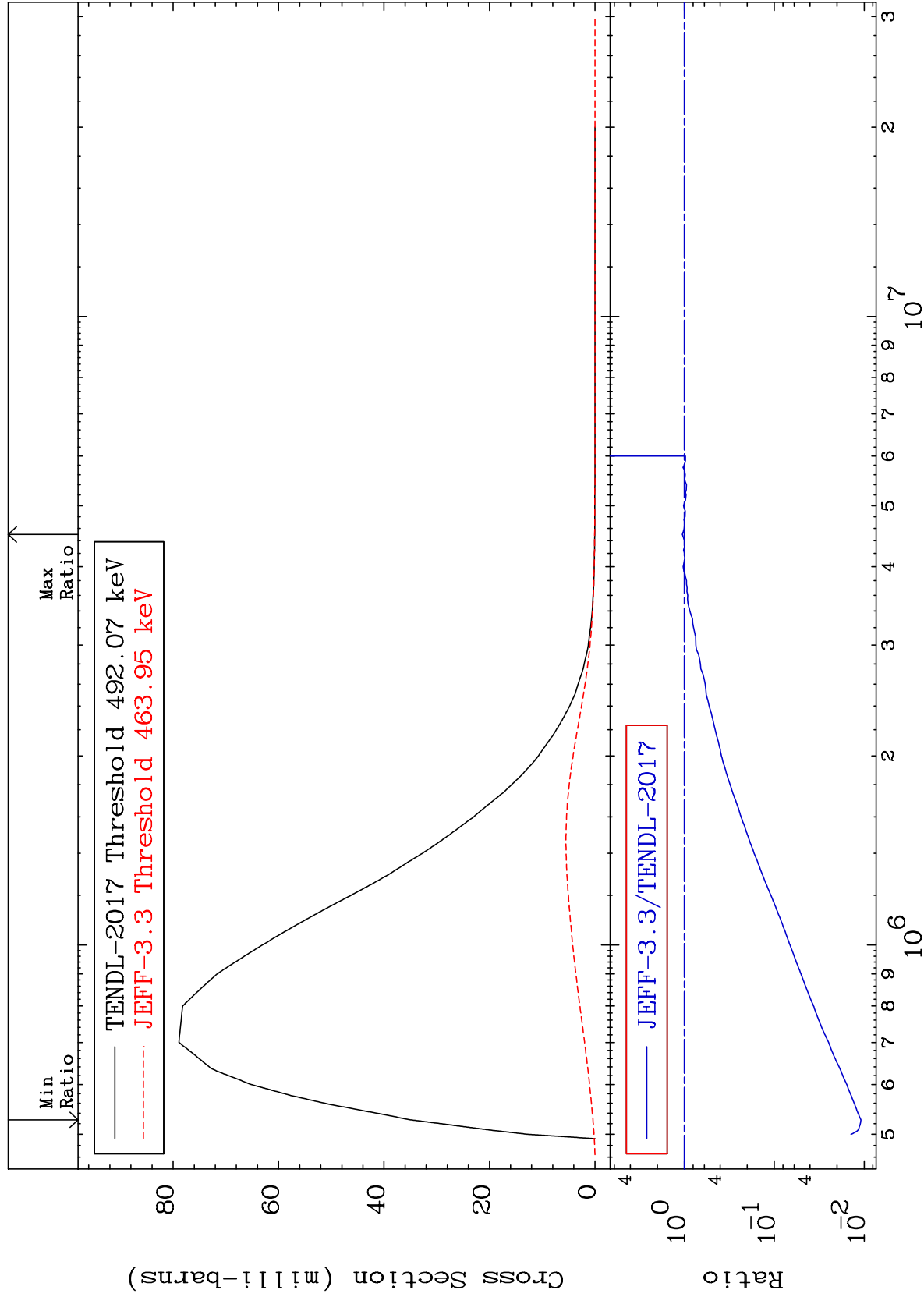
94-Pu-239
-90.61 To 33.50 %



MAT 9437

490.0 keV (n,n') Level
Cross Section

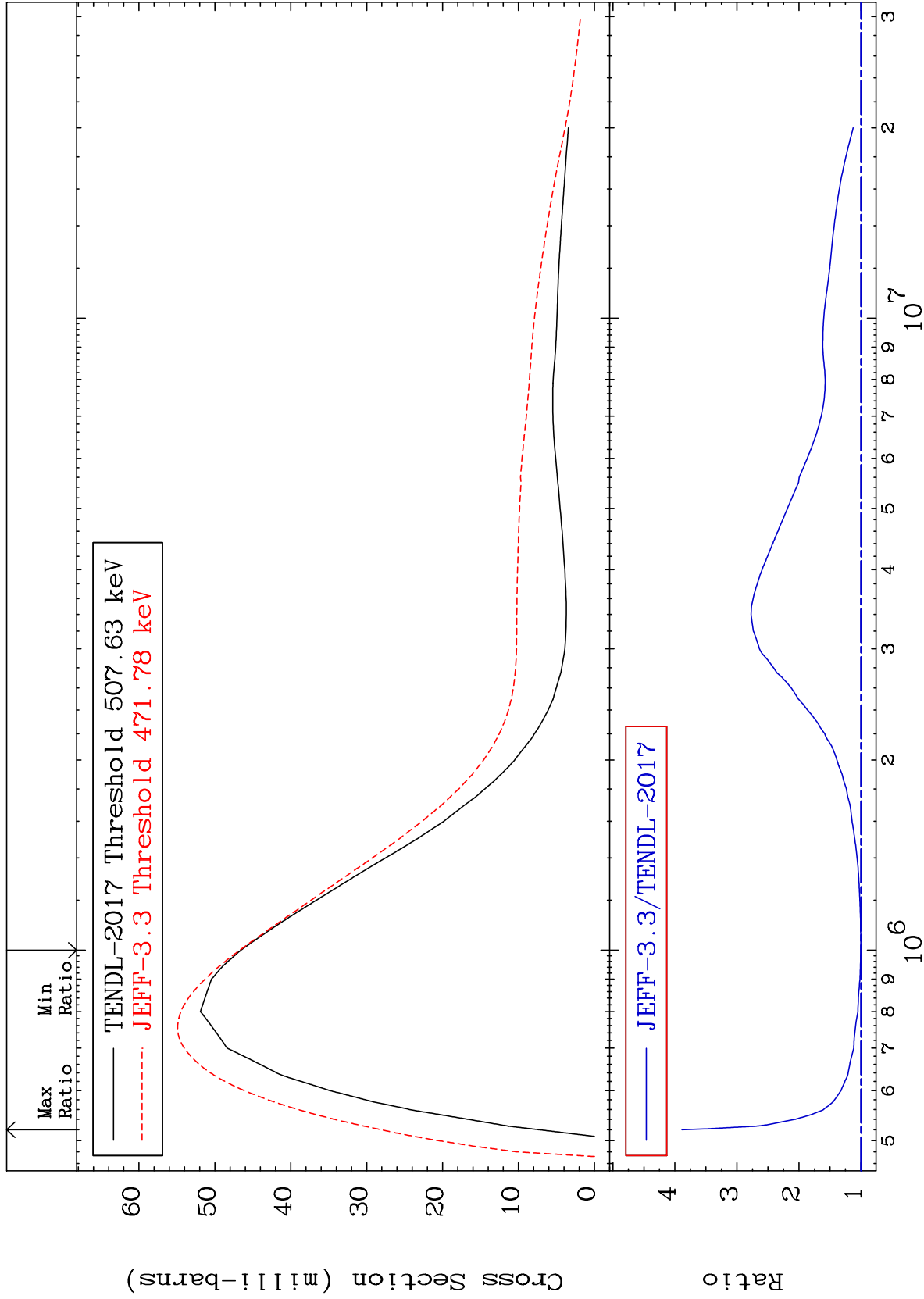
94-Pu-239
-98.91 To 5.254 %



MAT 9437

505.5 keV (n,n') Level
Cross Section

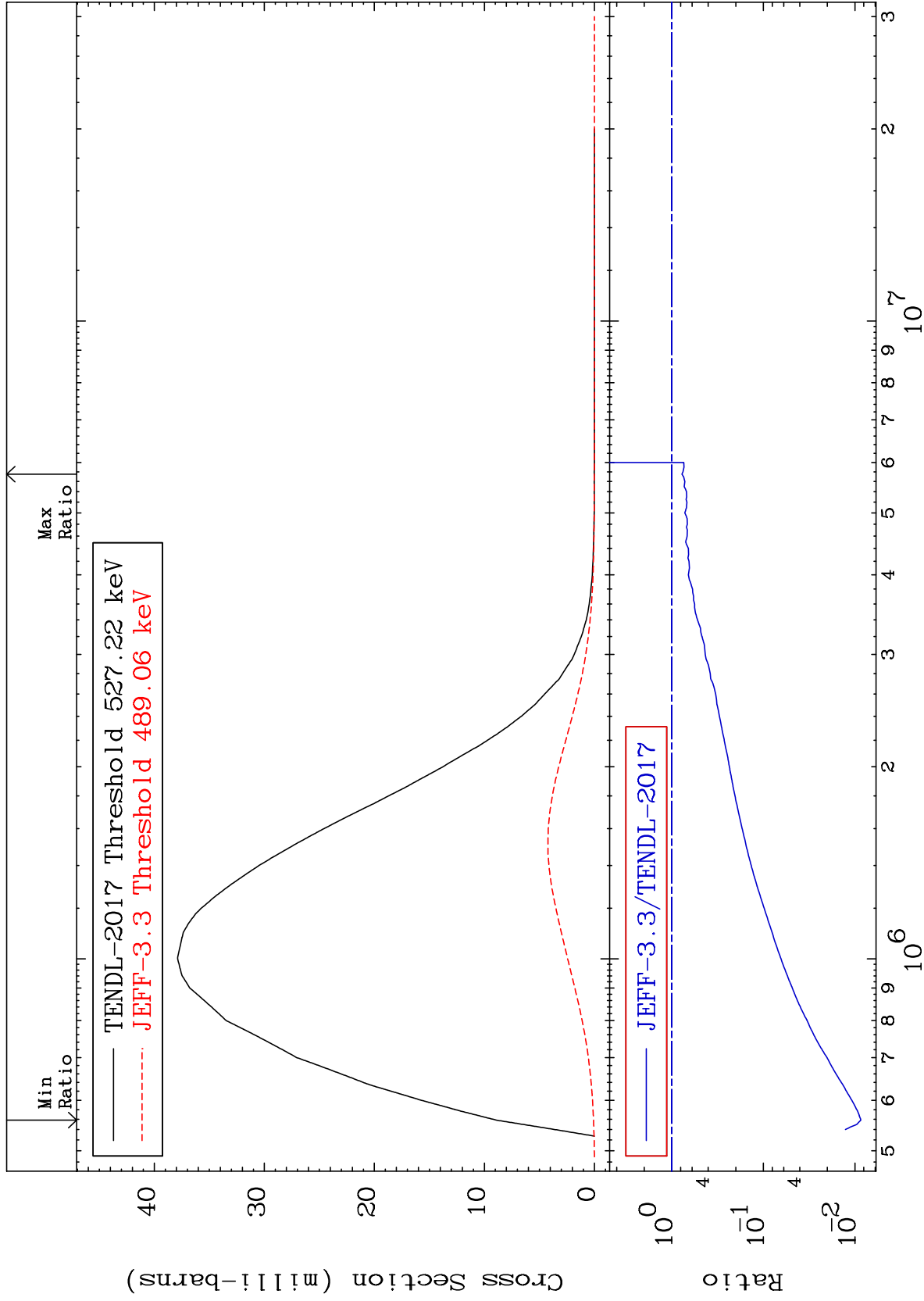
94-Pu-239
0.309 To 288.7 %



MAT 9437

525.0 keV (n,n') Level
Cross Section

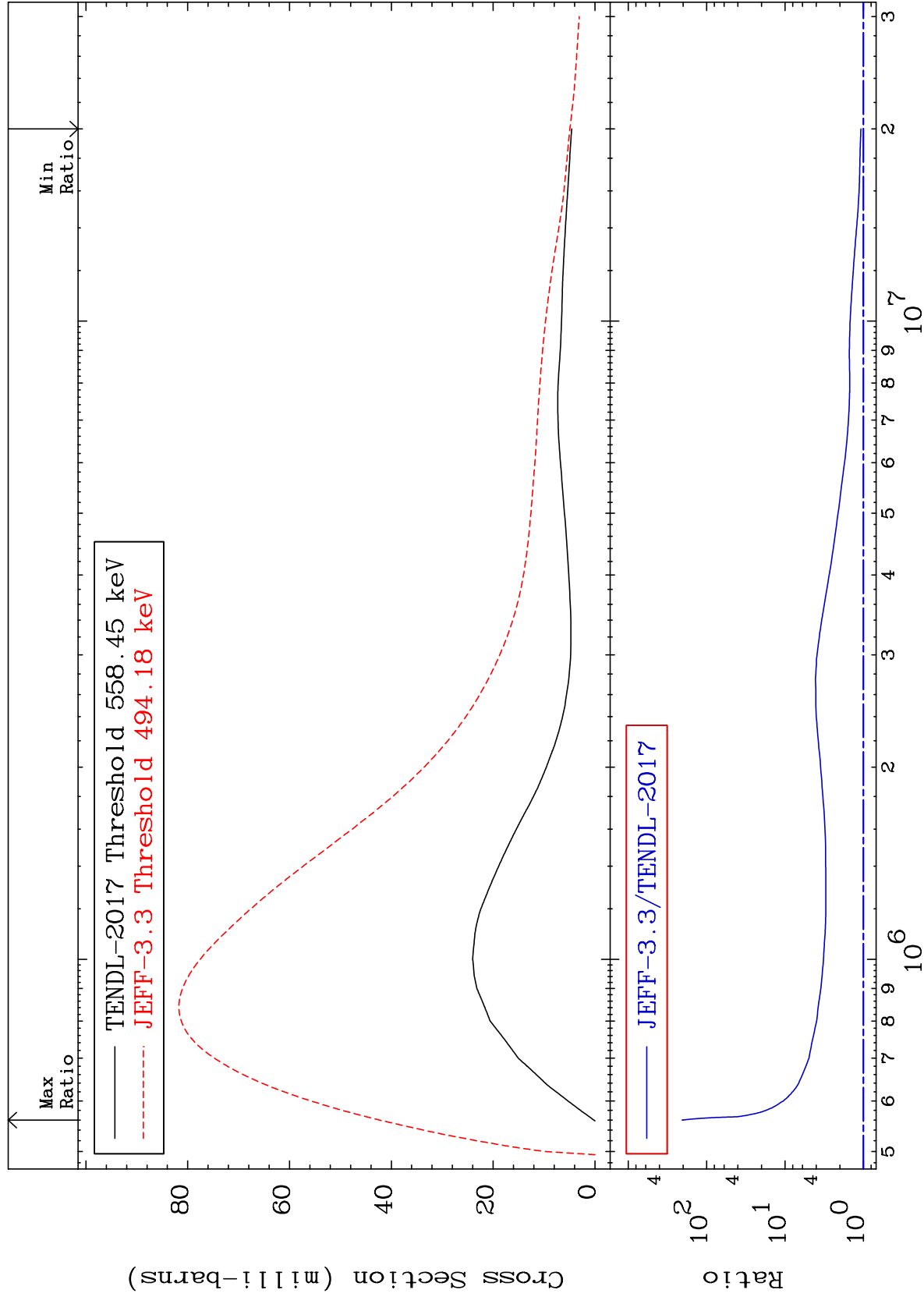
94-Pu-239
-99.14 To -22.55%



MAT 9437

556.1 keV (n,n') Level
Cross Section

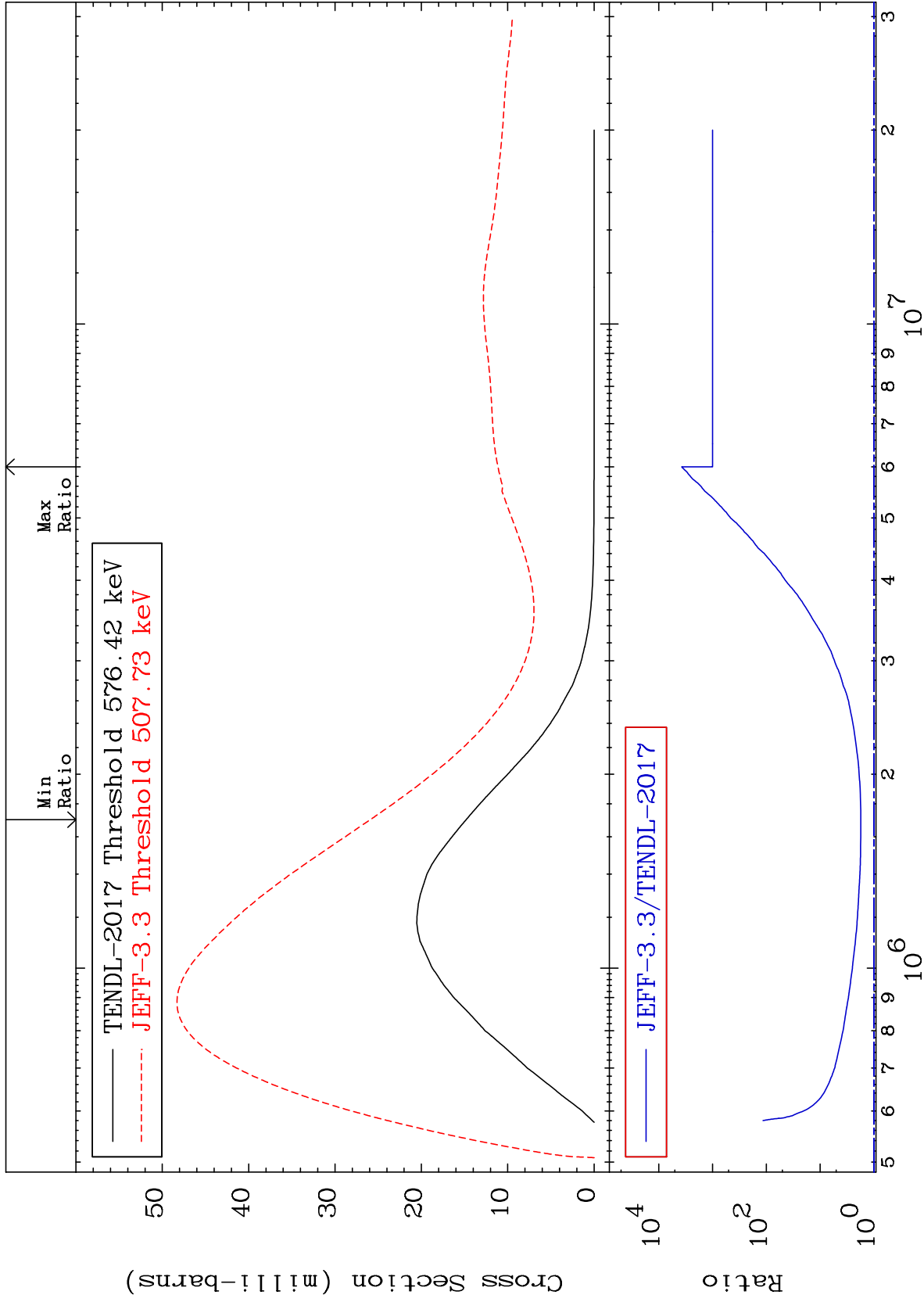
94-Pu-239
7.610 To 9999. %



MAT 9437

574.0 keV (n,n') Level
Cross Section

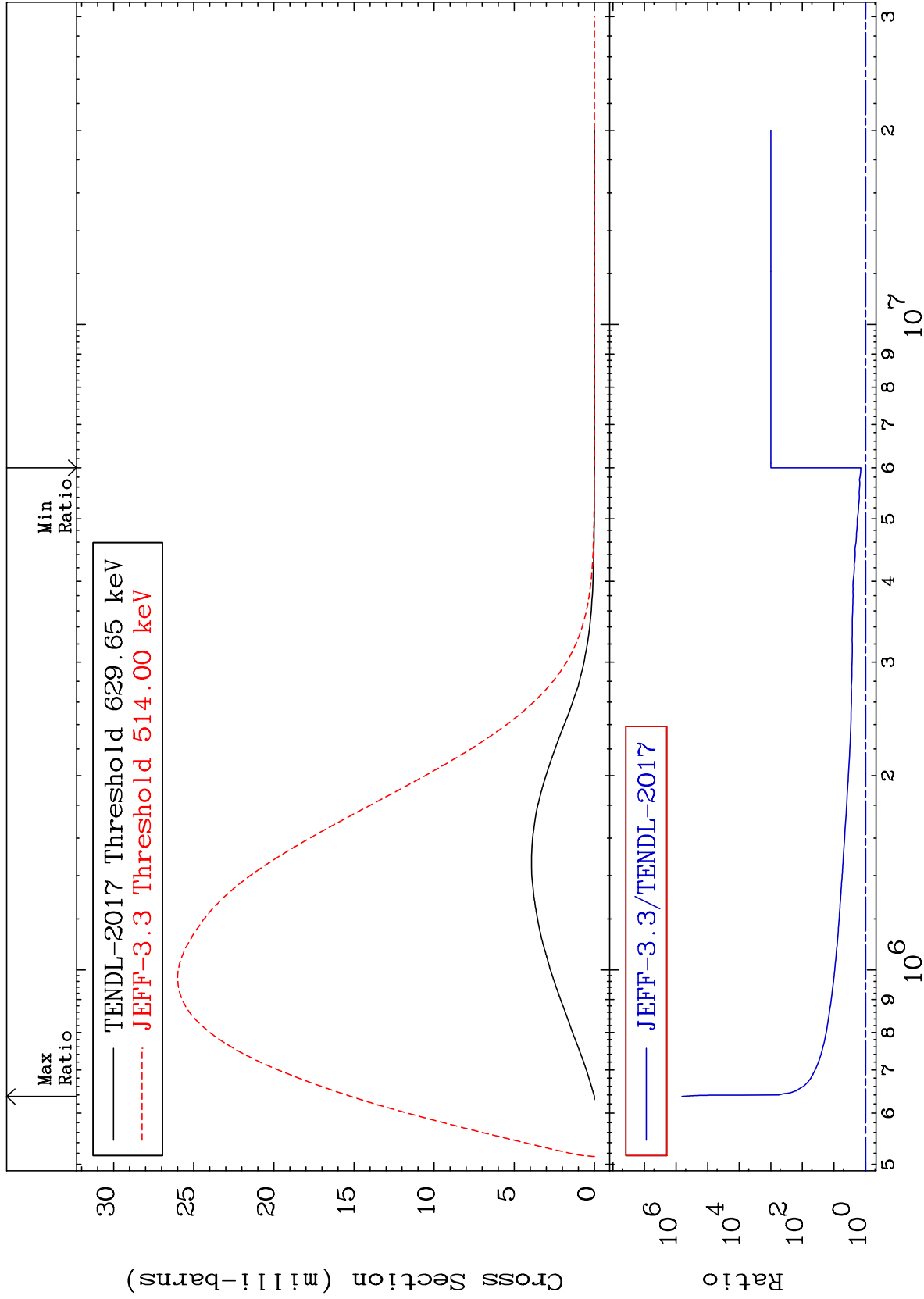
94-Pu-239
74.78 To 9999. %



24

94-Pu-239

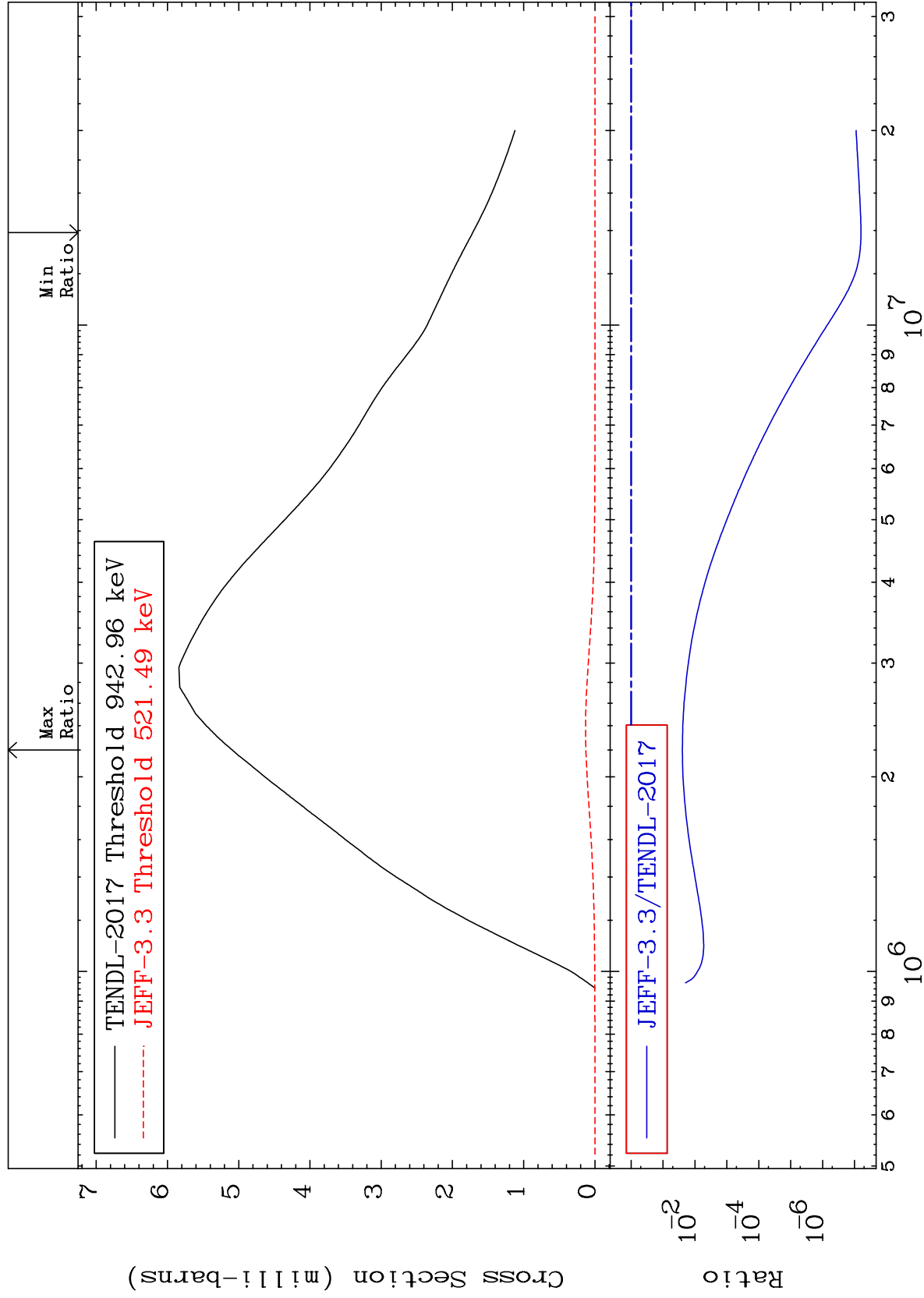
MAT 9437 627.0 keV (n,n') Level 94-Pu-239
 Cross Section 40.91 To 9999. %



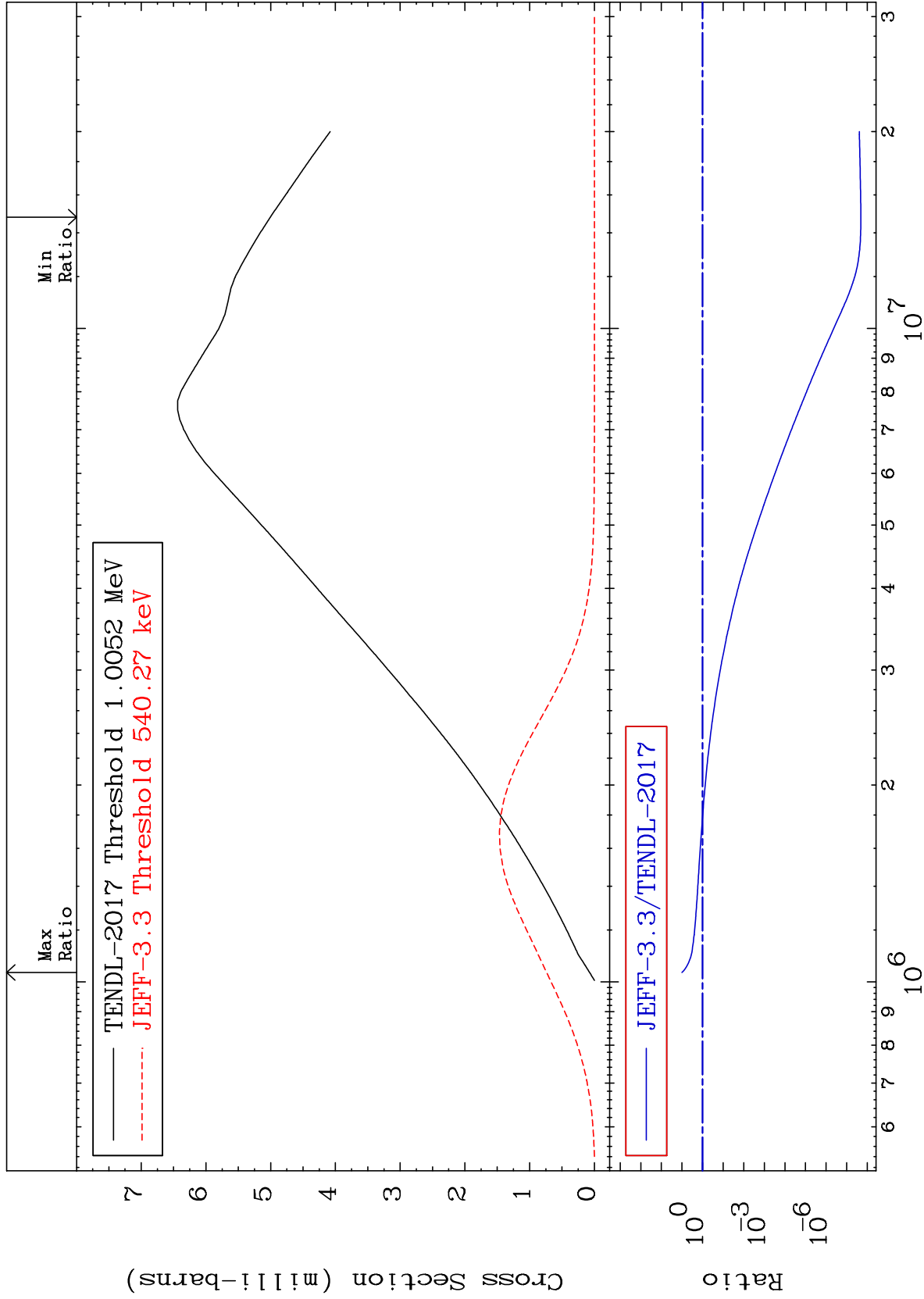
MAT 9437

939.0 keV (n,n') Level
Cross Section

94-Pu-239
-100.0 To -97.52%

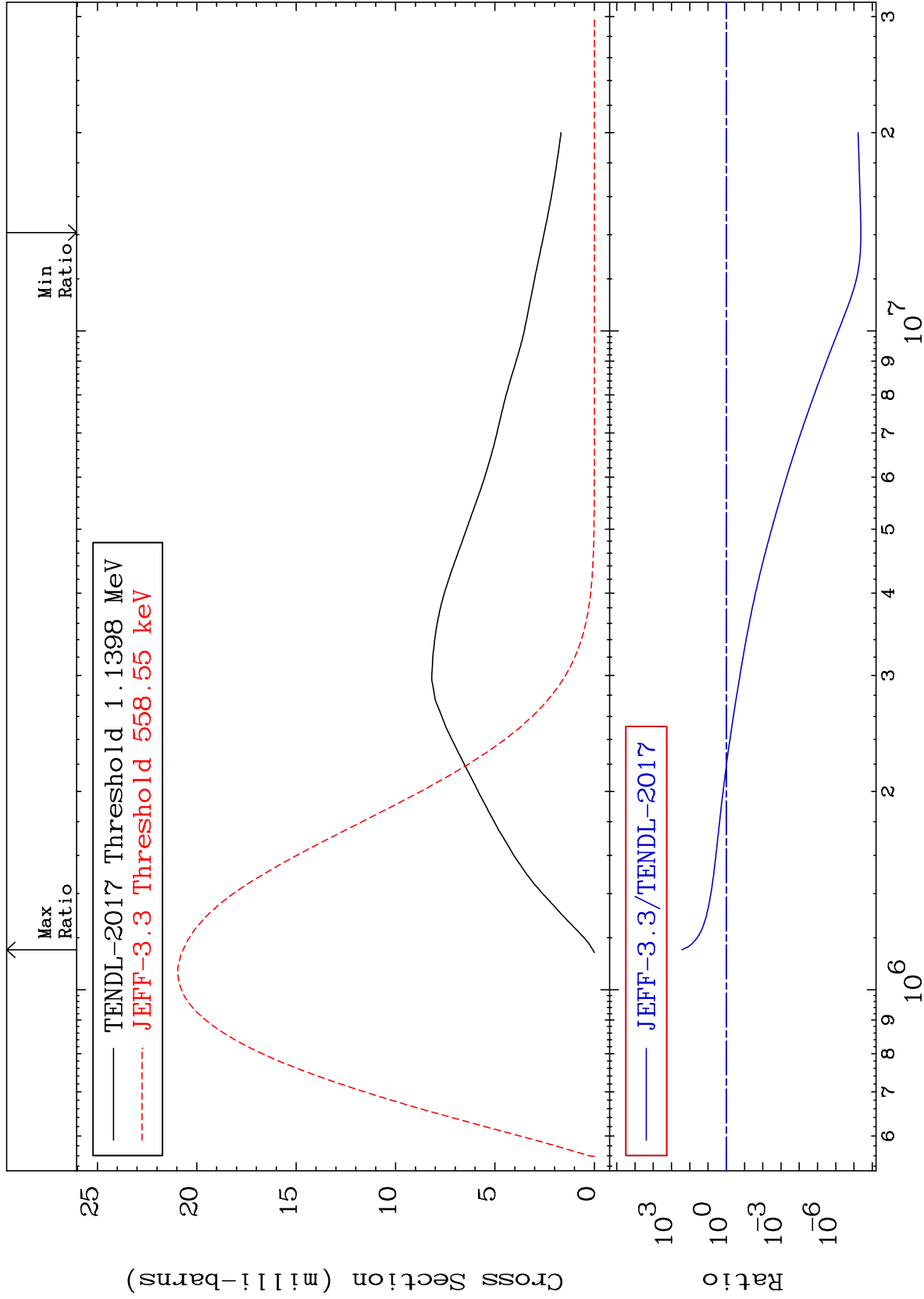


MAT 9437 1.001 MeV (n,n') Level Cross Section 94-Pu-239 -100.0 To 902.2 %

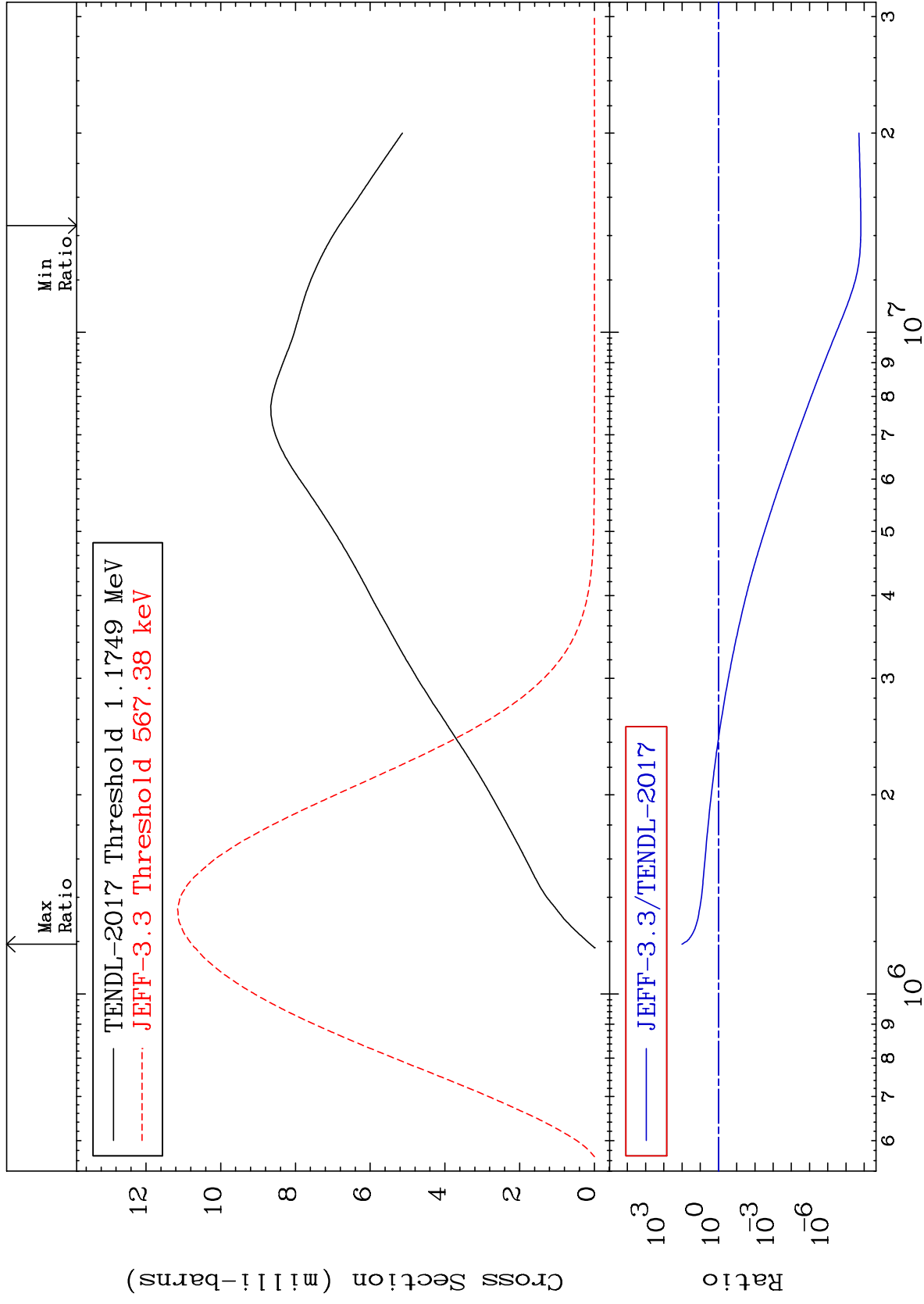


94-Pu-239

MAT 9437 1.135 MeV (n,n') Level Cross Section 94-Pu-239 -100.0 To 9999. %



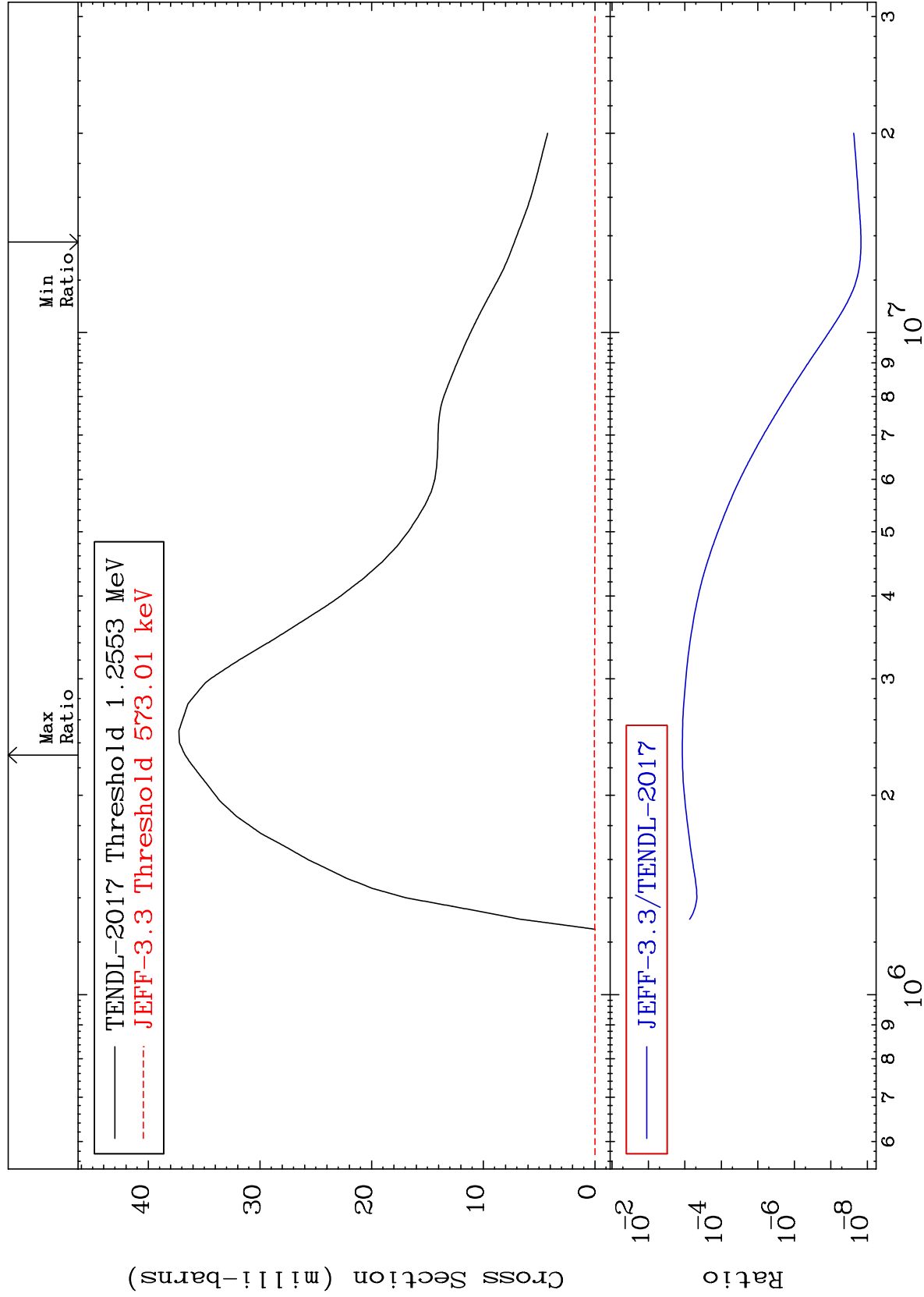
MAT 9437 1.170 MeV (n,n') Level Cross Section 94-Pu-239 -100.0 To 9999. %



MAT 9437

1.250 MeV (n,n') Level
Cross Section

94-Pu-239
-100.0 To -99.88%

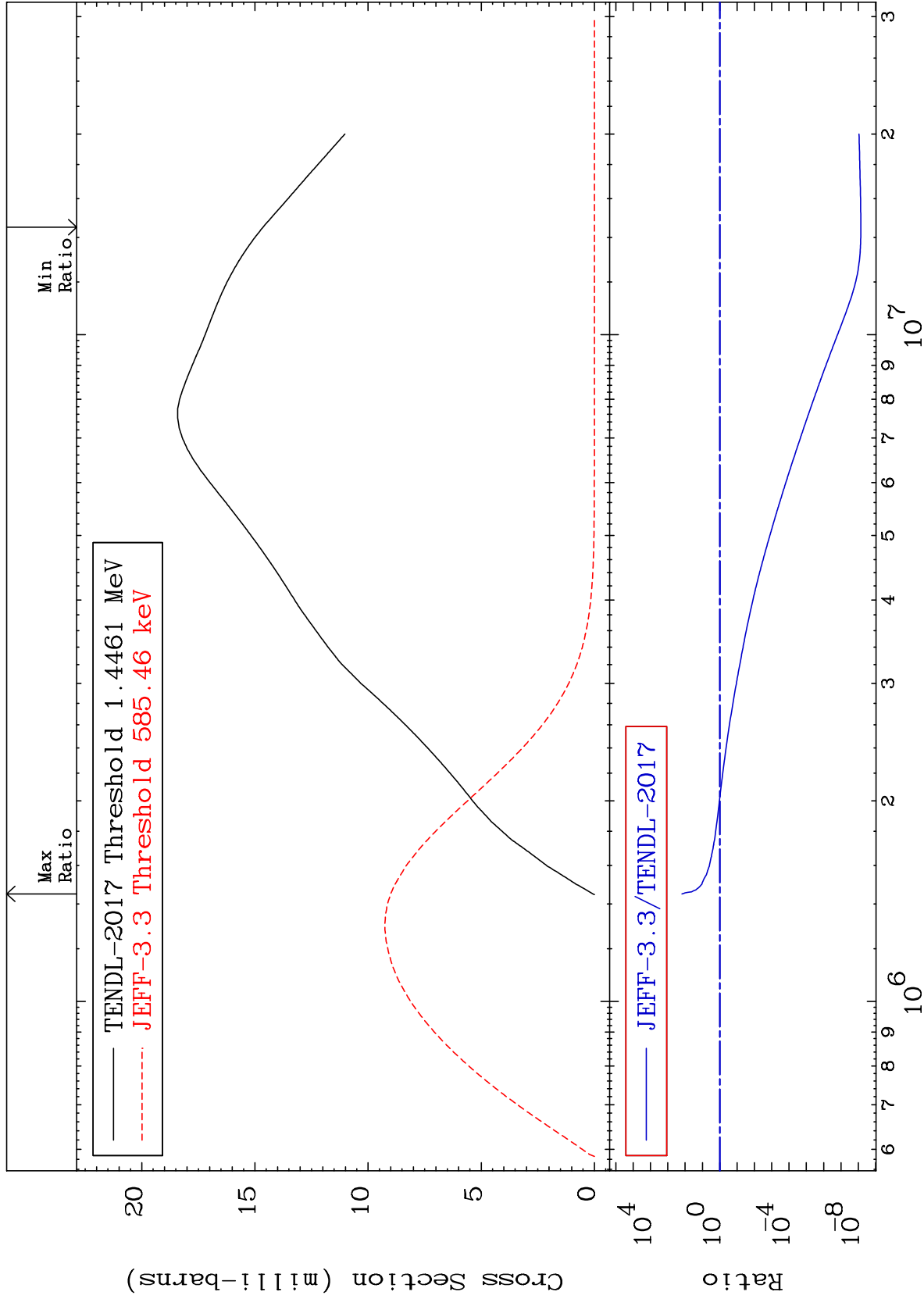


30

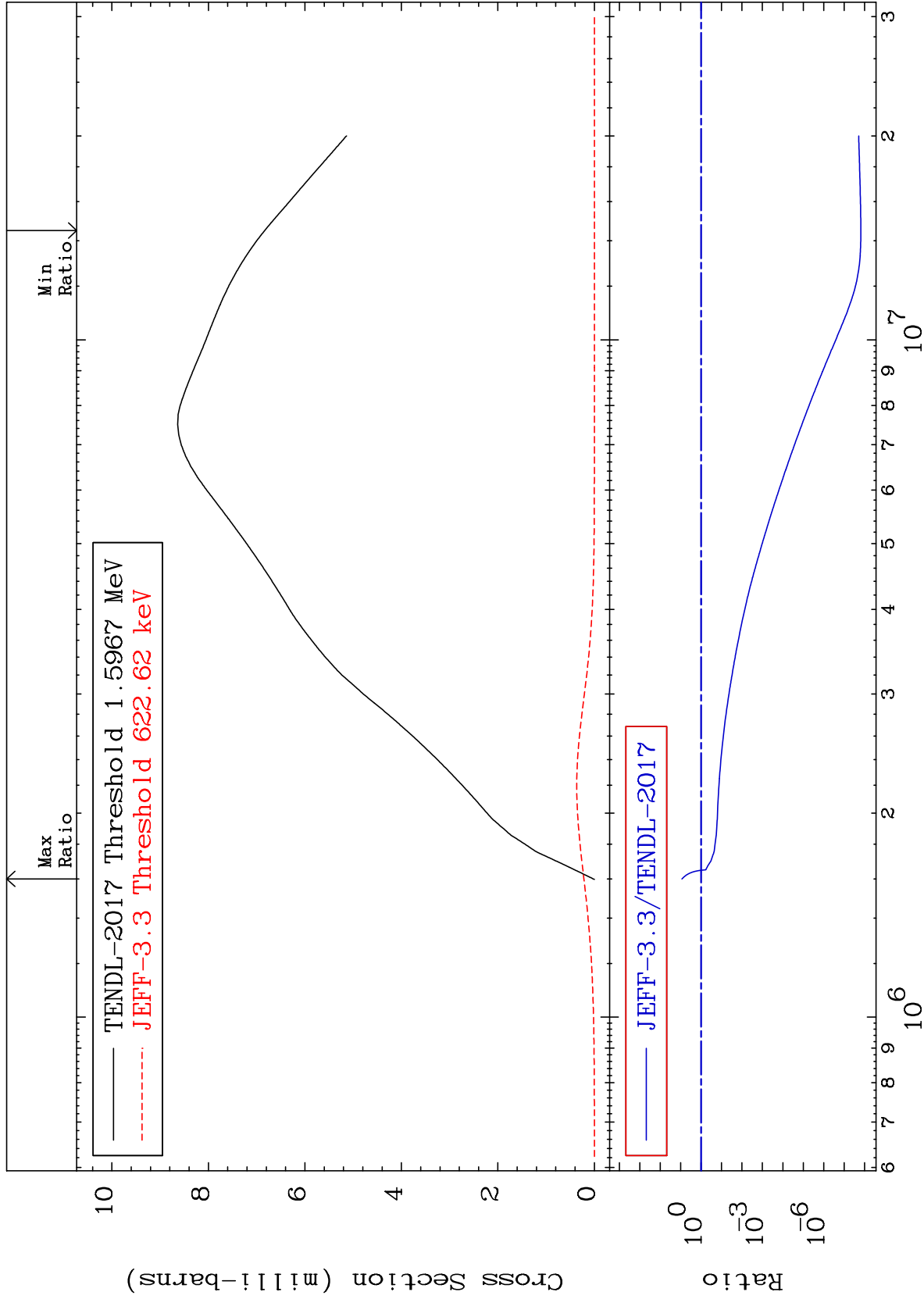
Incident Energy (eV)

94-Pu-239

MAT 9437 1.440 MeV (n,n') Level Cross Section 94-Pu-239 -100.0 To 9999. %



MAT 9437 1.590 MeV (n,n') Level Cross Section 94-Pu-239 -100.0 To 763.0 %



94-Pu-239

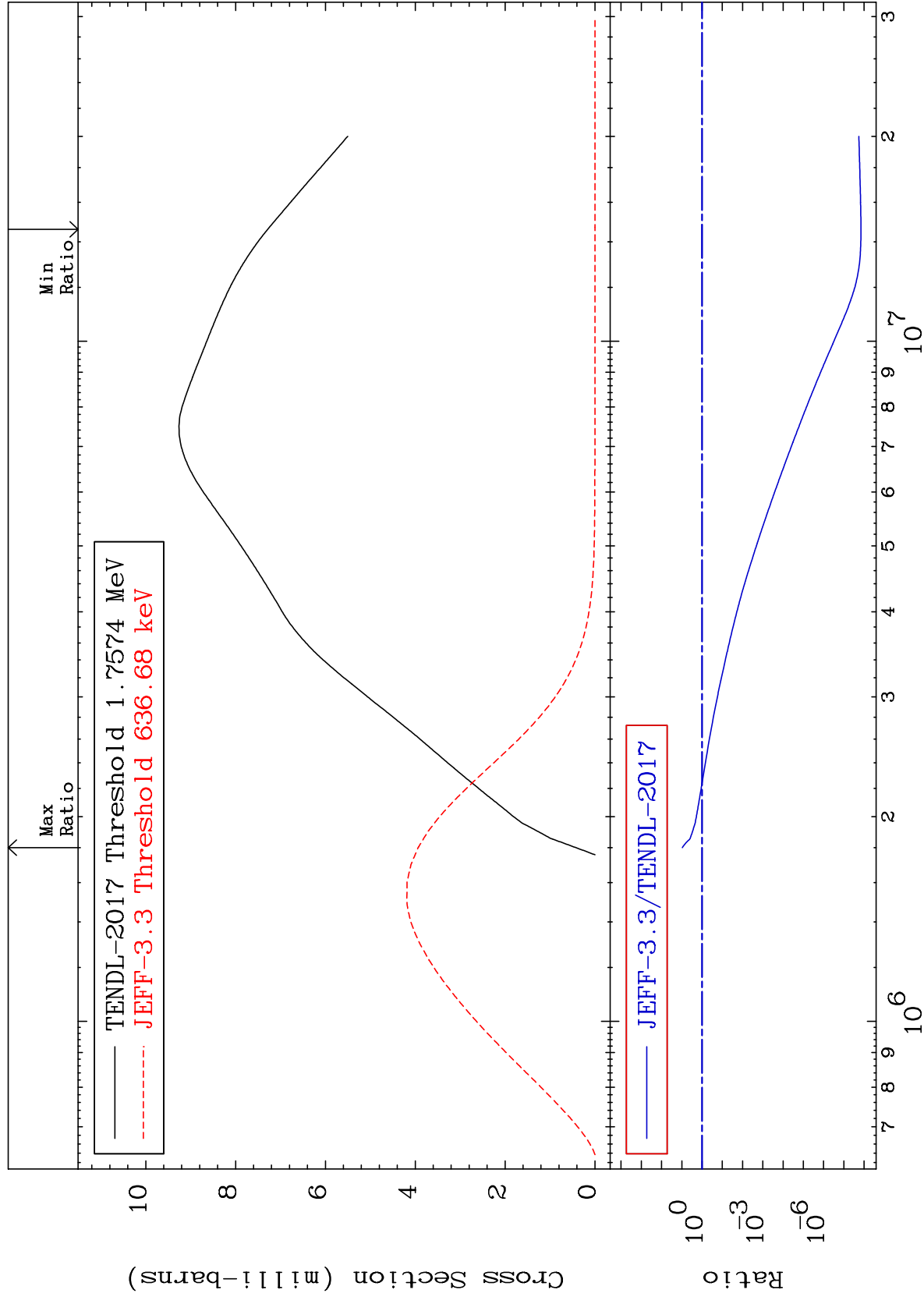
Incident Energy (eV)

32

MAT 9437

1.750 MeV (n,n') Level
Cross Section

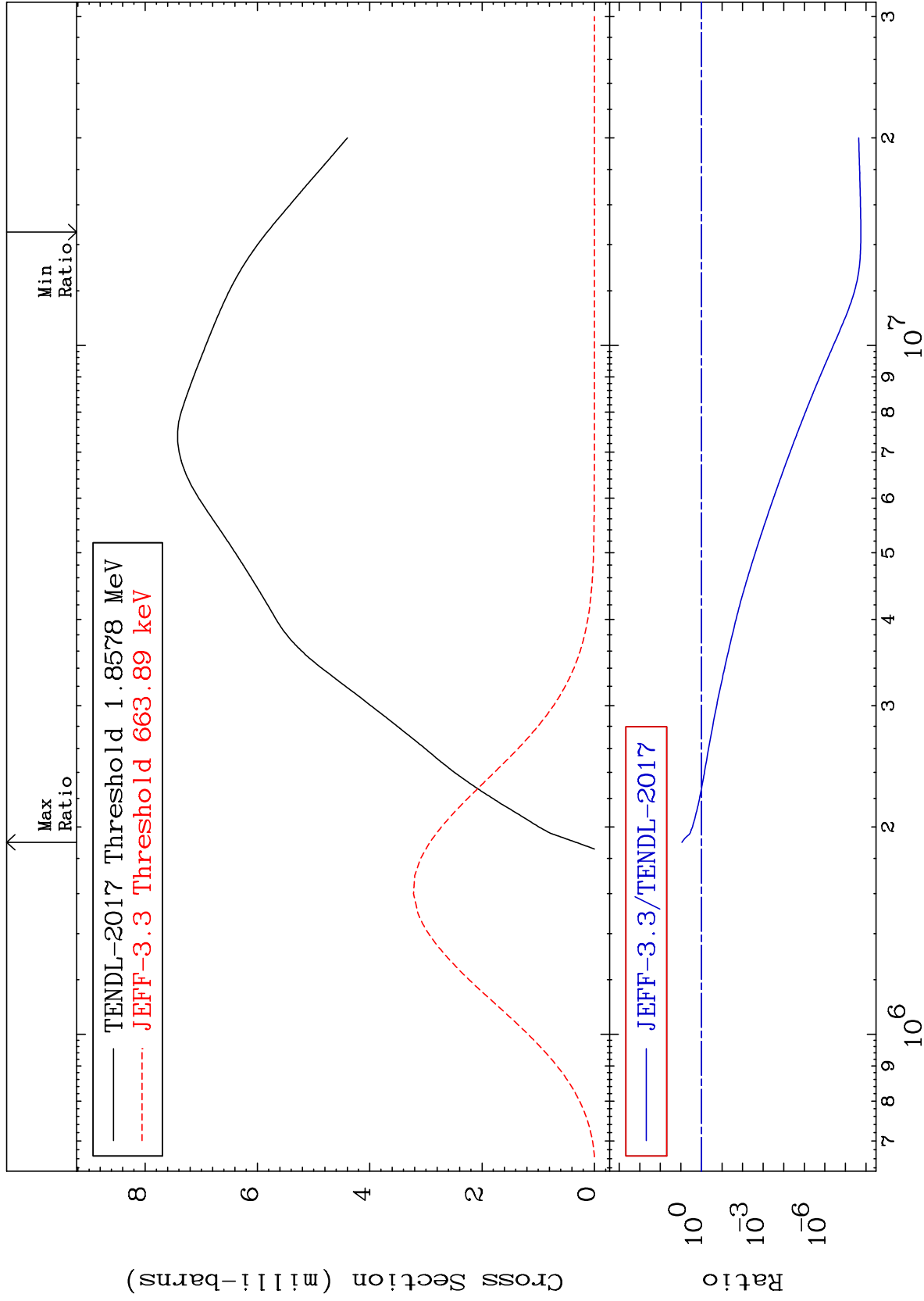
94-Pu-239
-100.0 To 838.9 %



MAT 9437

1.850 MeV (n,n') Level
Cross Section

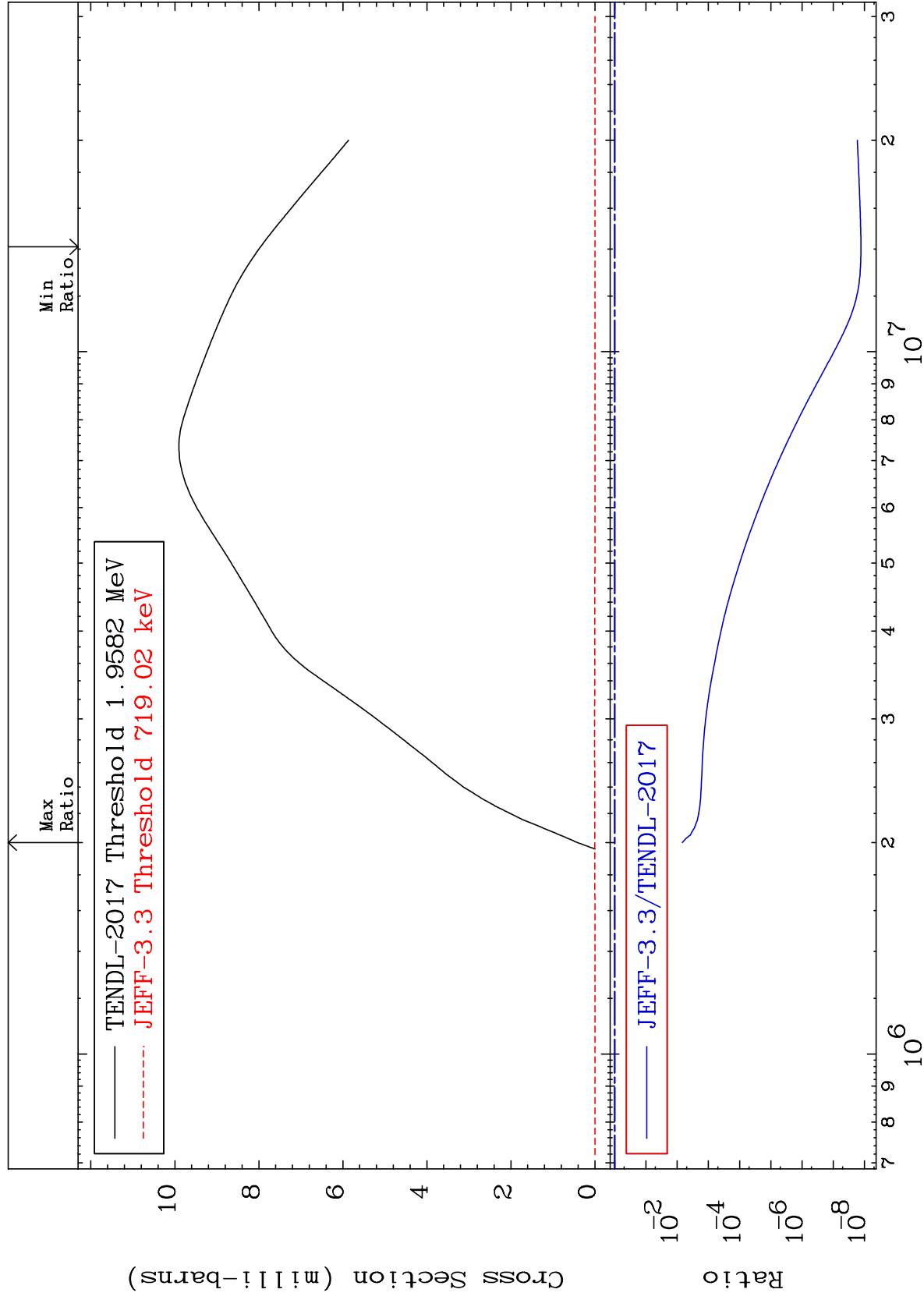
94-Pu-239
-100.0 To 790.2 %



MAT 9437

1.950 MeV (n,n') Level
Cross Section

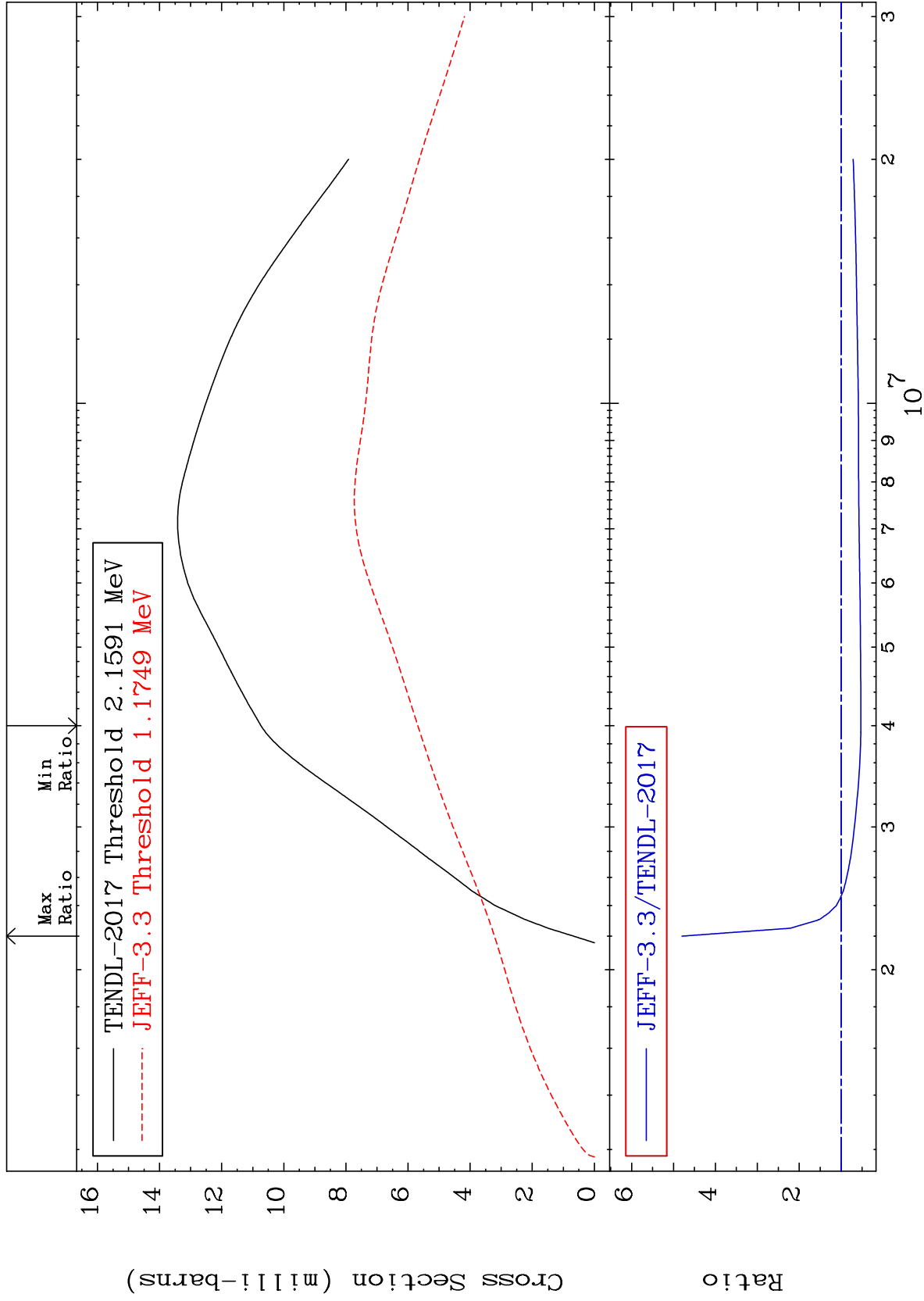
94-Pu-239
-100.0 To -99.32%



MAT 9437

2.150 MeV (n,n') Level
Cross Section

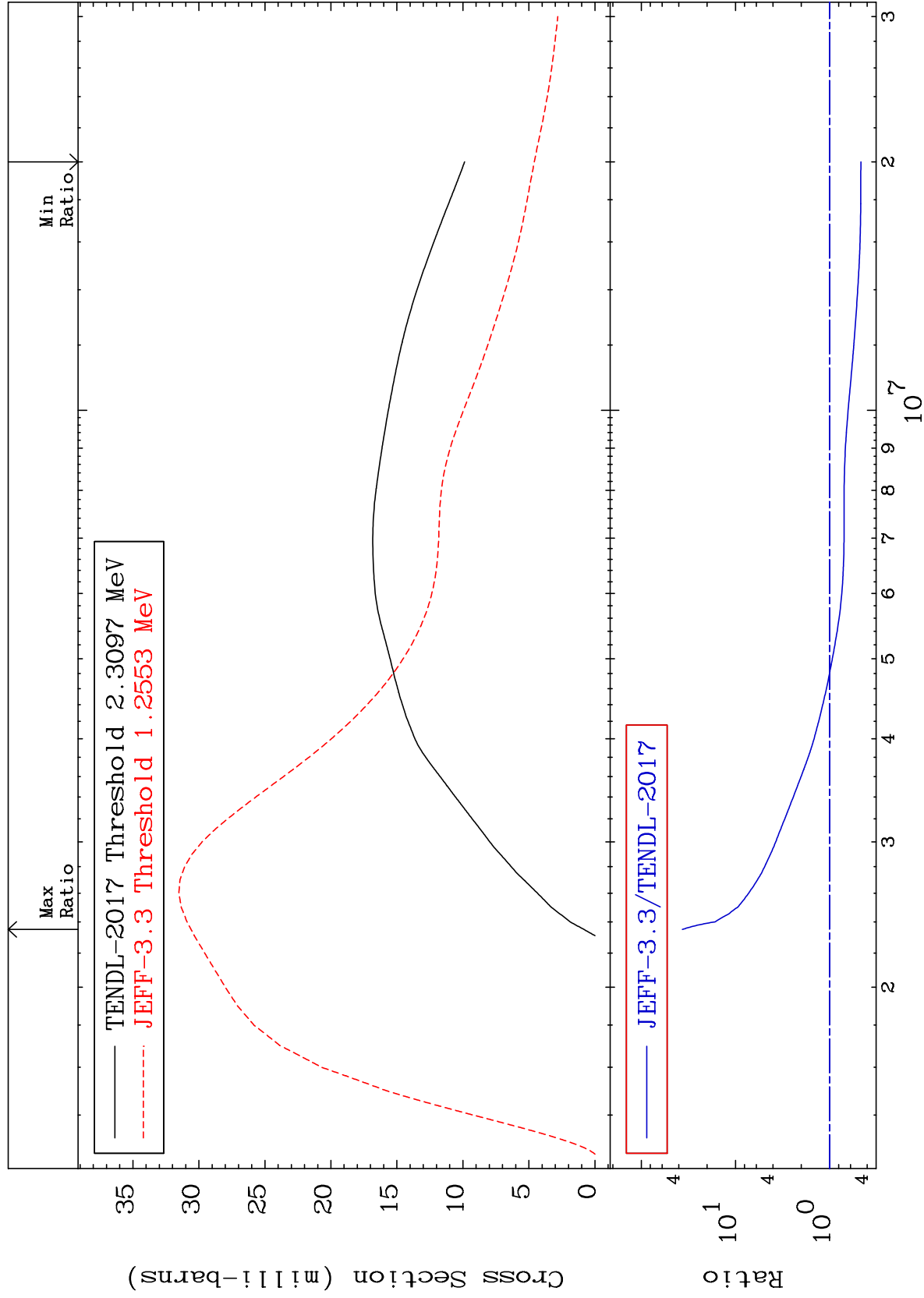
94-Pu-239
-47.05 To 379.9 %



MAT 9437

2.300 MeV (n,n') Level
Cross Section

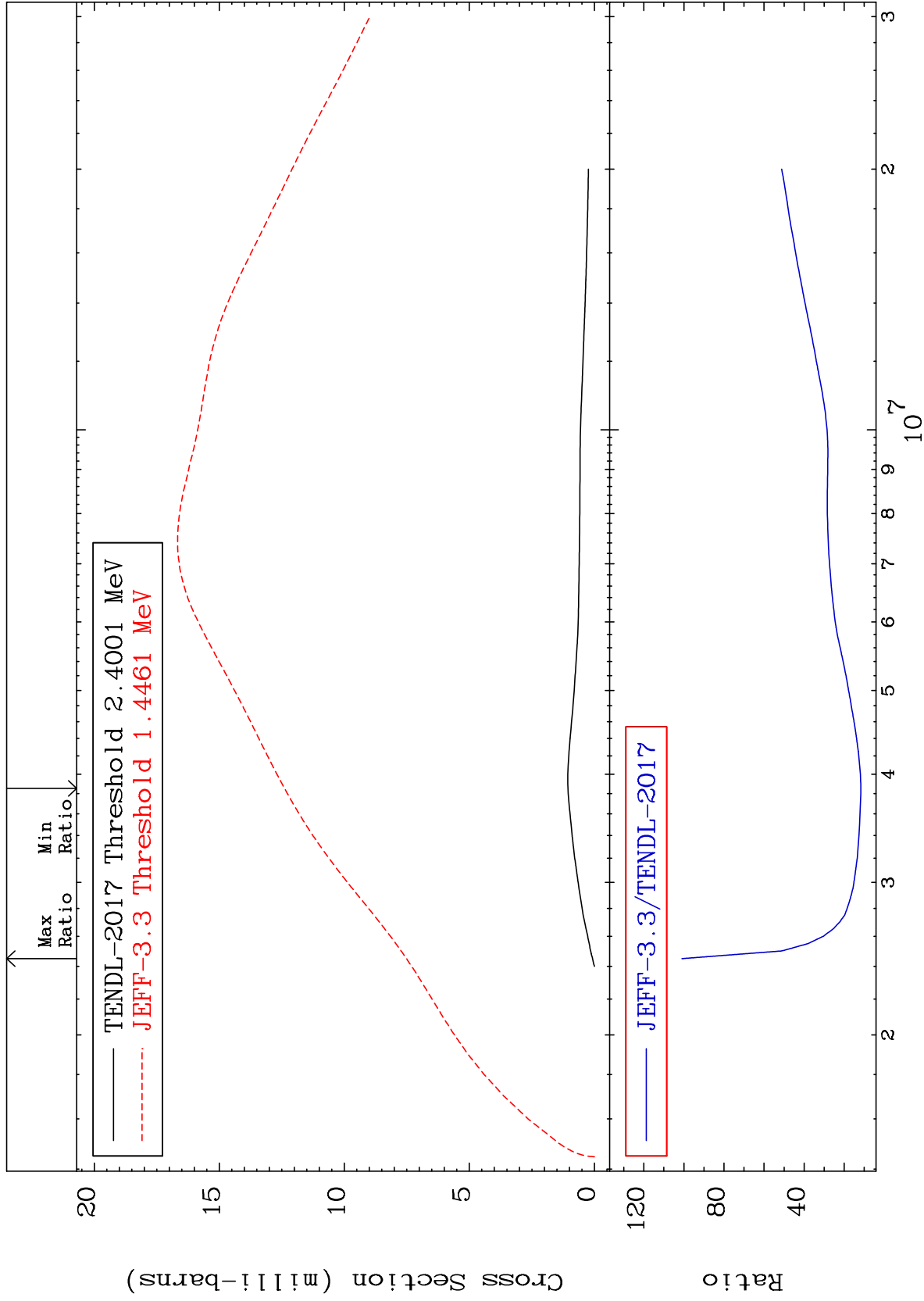
94-Pu-239
-53.48 To 3561. %



MAT 9437

2.390 MeV (n,n') Level
Cross Section

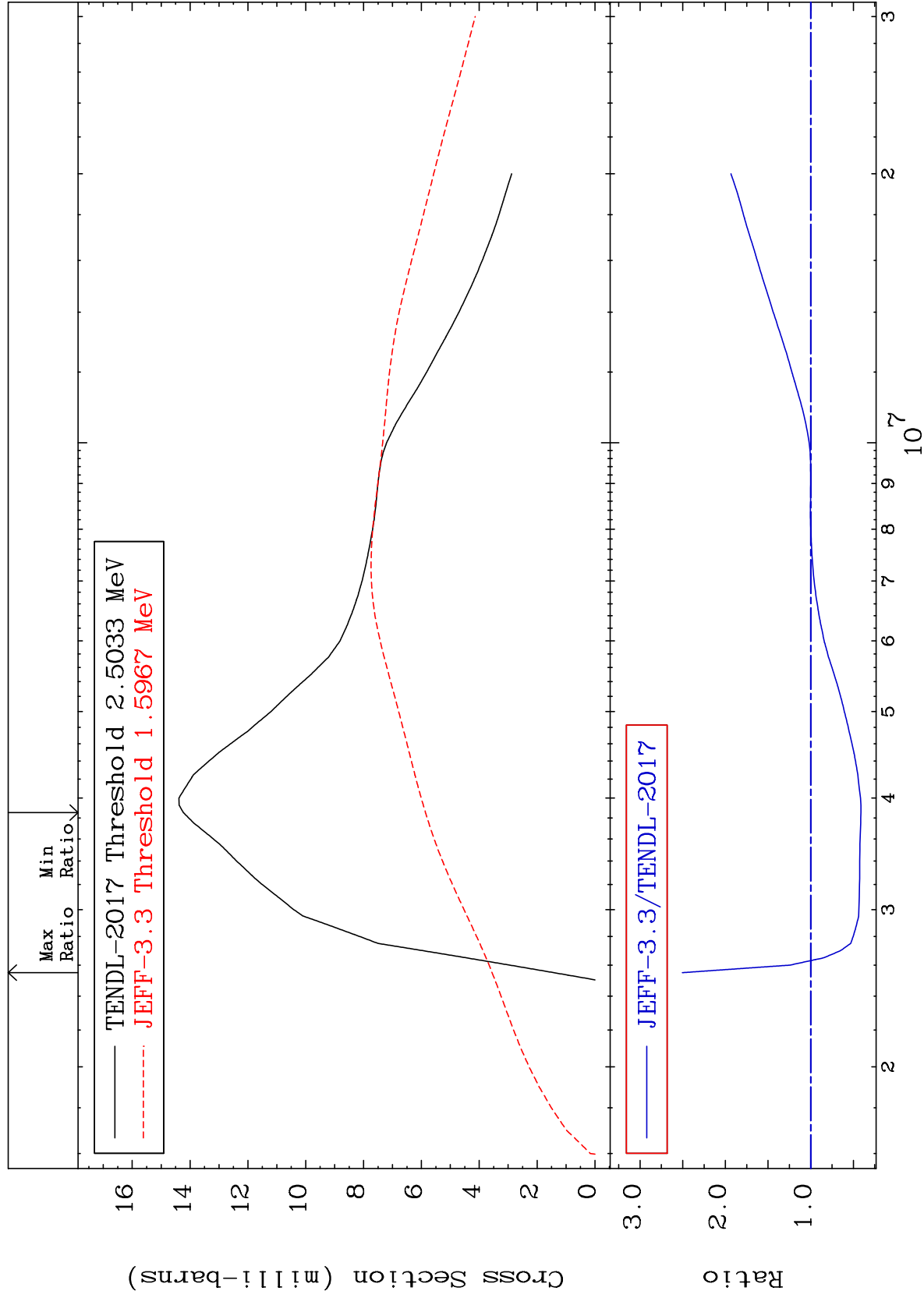
94-Pu-239
1071. To 9998. %



MAT 9437

2.493 MeV (n,n') Level
Cross Section

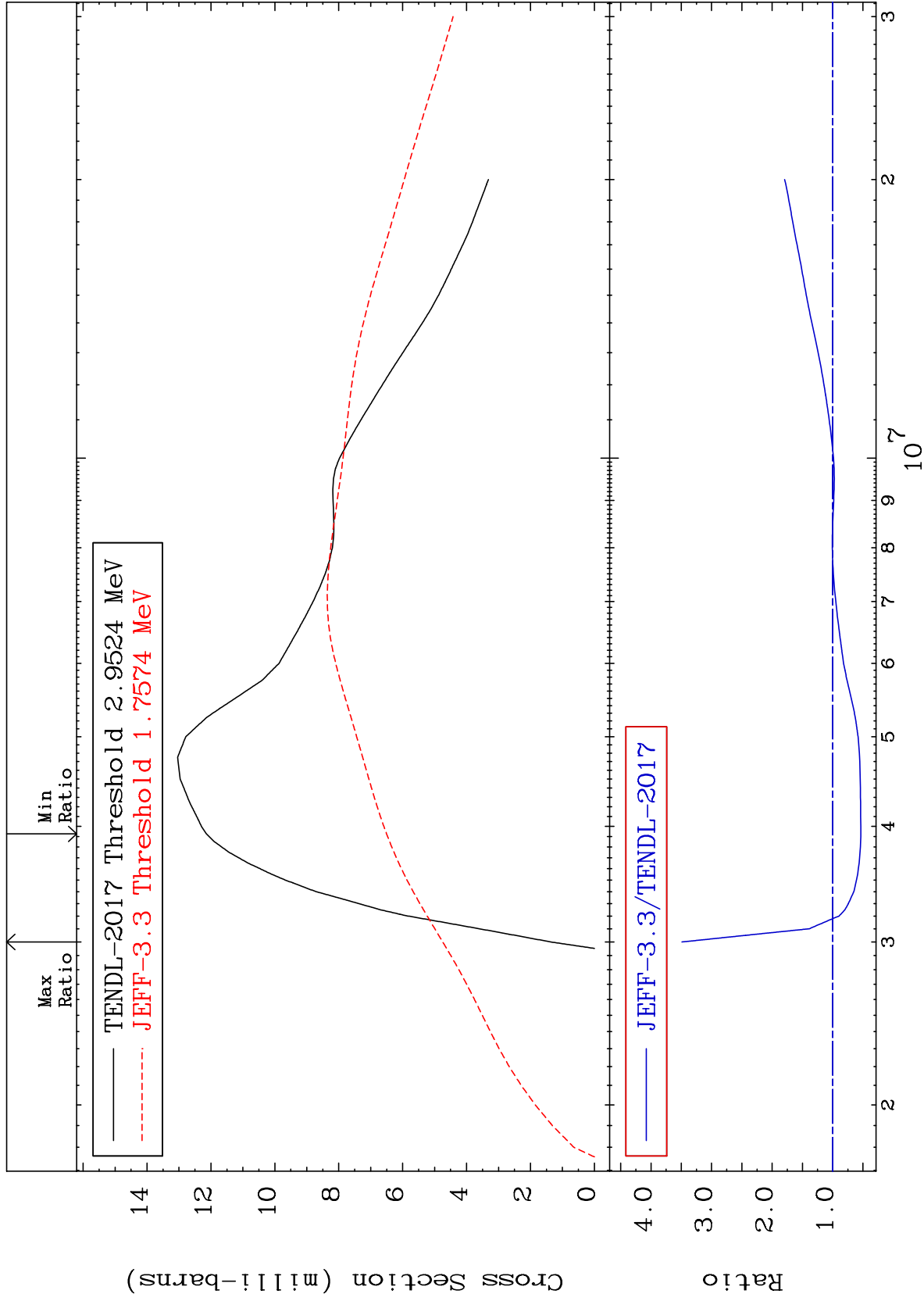
94-Pu-239
-58.84 To 150.4 %



MAT 9437

2.940 MeV (n,n') Level
Cross Section

94-Pu-239
-46.44 To 248.9 %



40

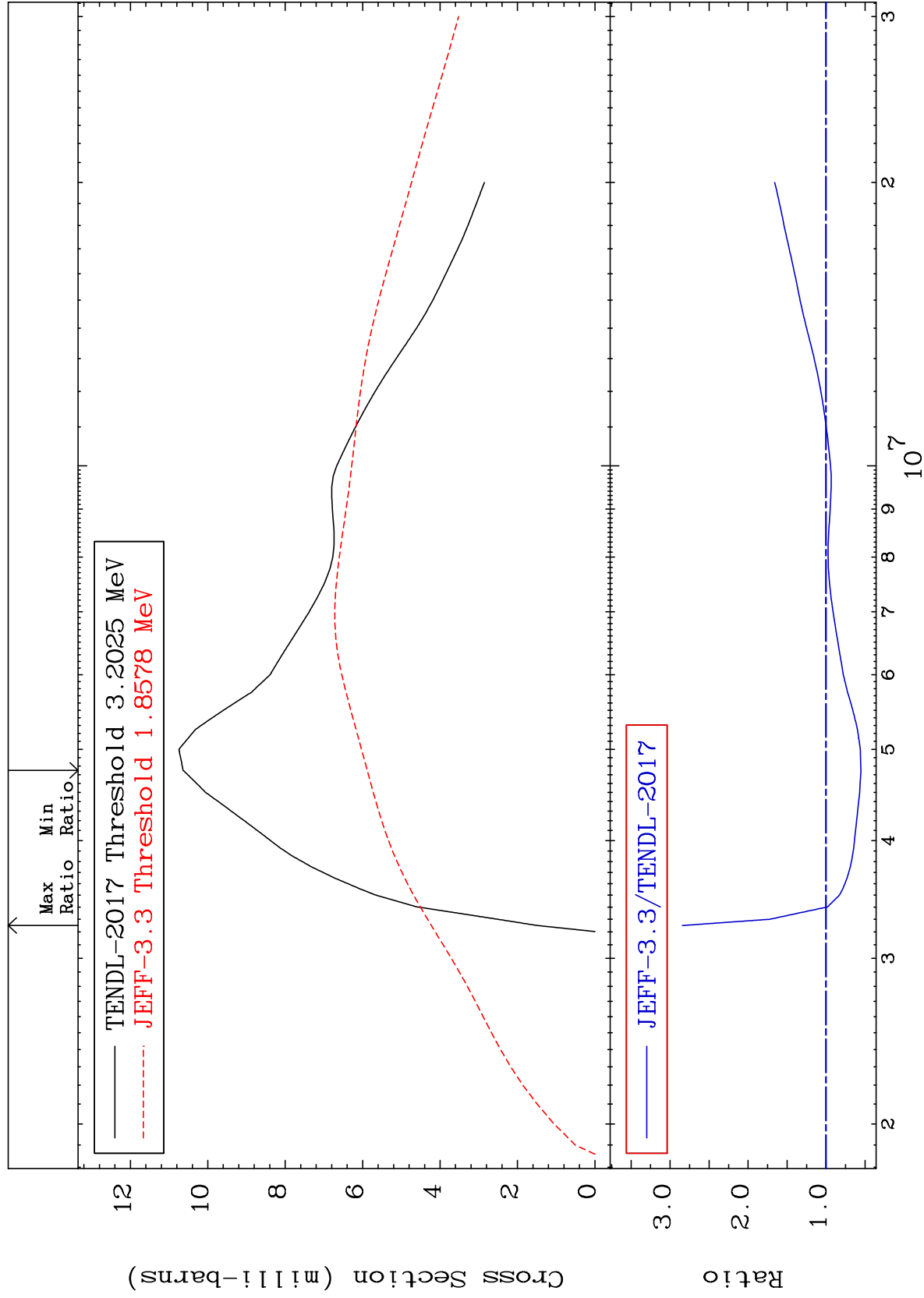
Incident Energy (eV)

94-Pu-239

MAT 9437

3.189 MeV (n,n') Level
Cross Section

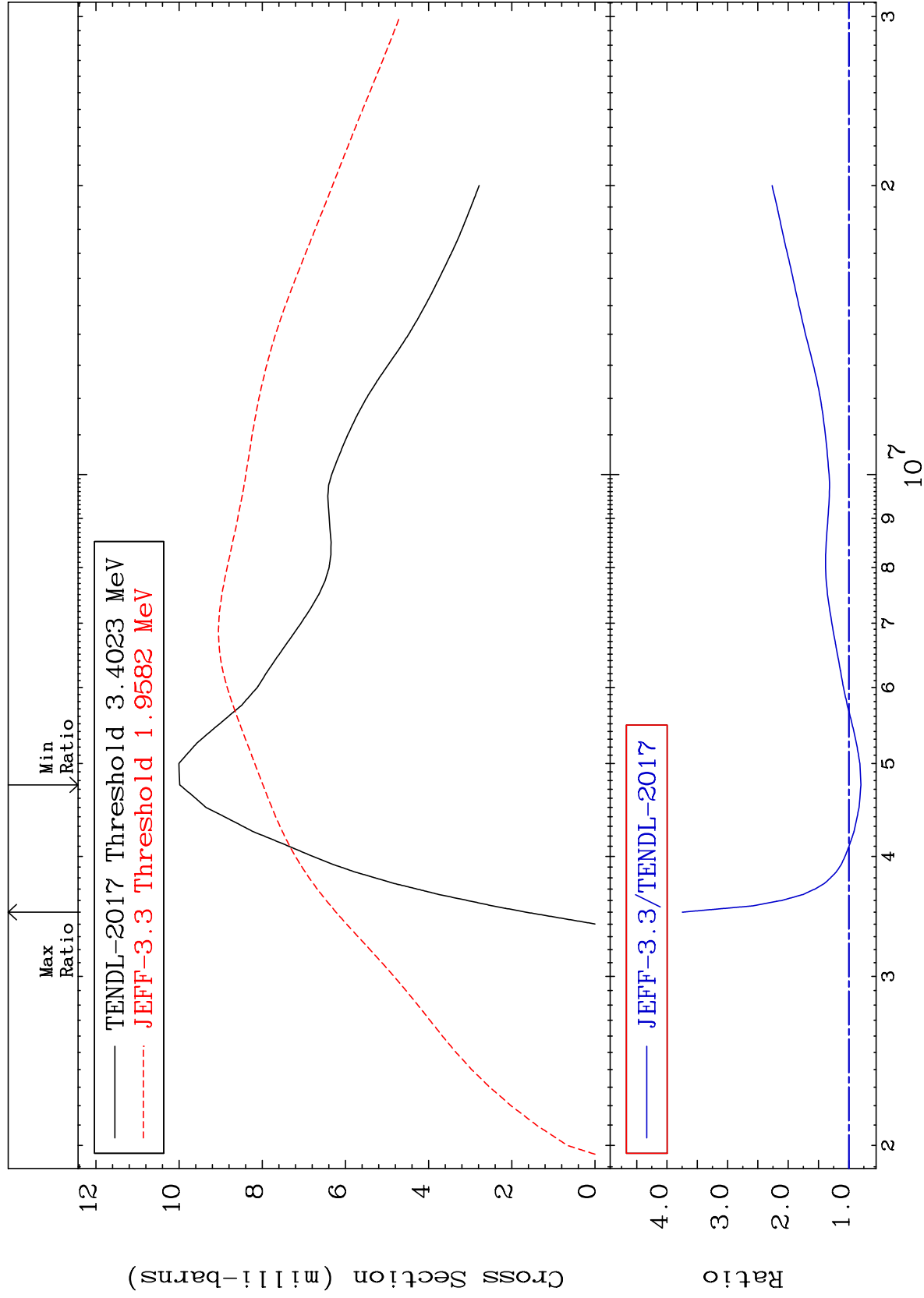
94-Pu-239
-44.70 To 184.3 %



MAT 9437

3.388 MeV (n,n') Level
Cross Section

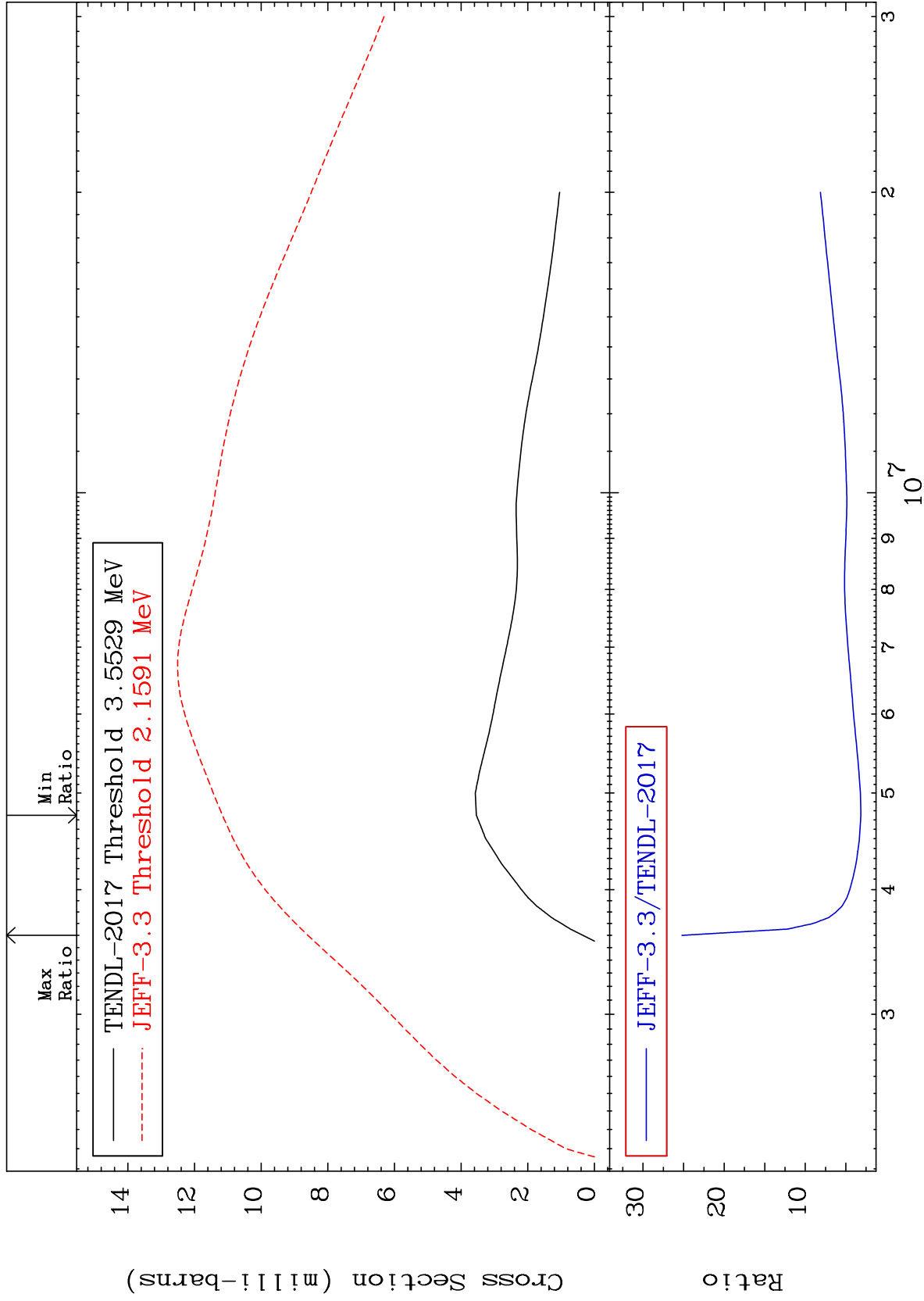
94-Pu-239
-20.03 To 274.6 %



MAT 9437

3.538 MeV (n,n') Level
Cross Section

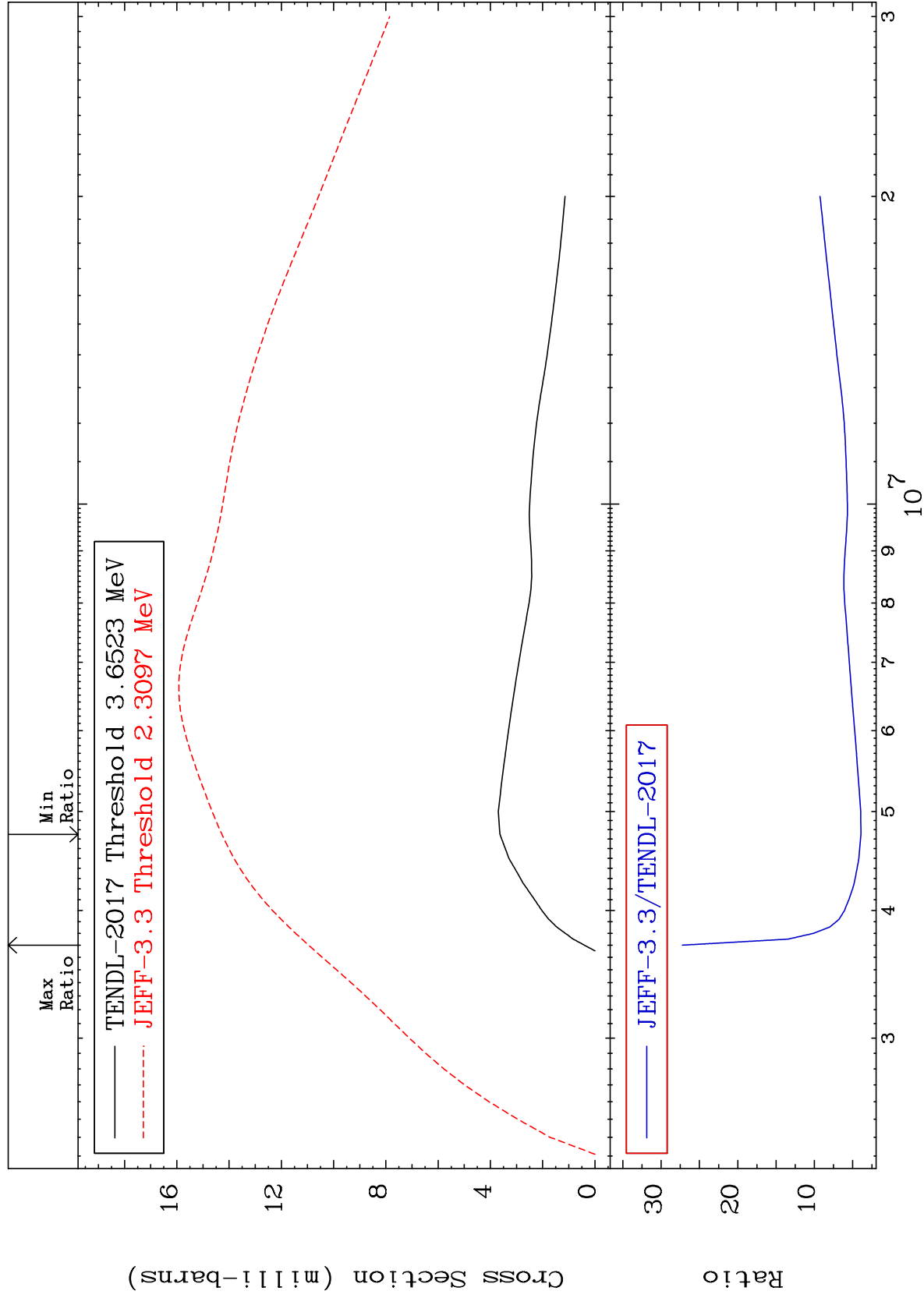
94-Pu-239
215.2 To 2420. %



MAT 9437

3.637 MeV (n,n') Level
Cross Section

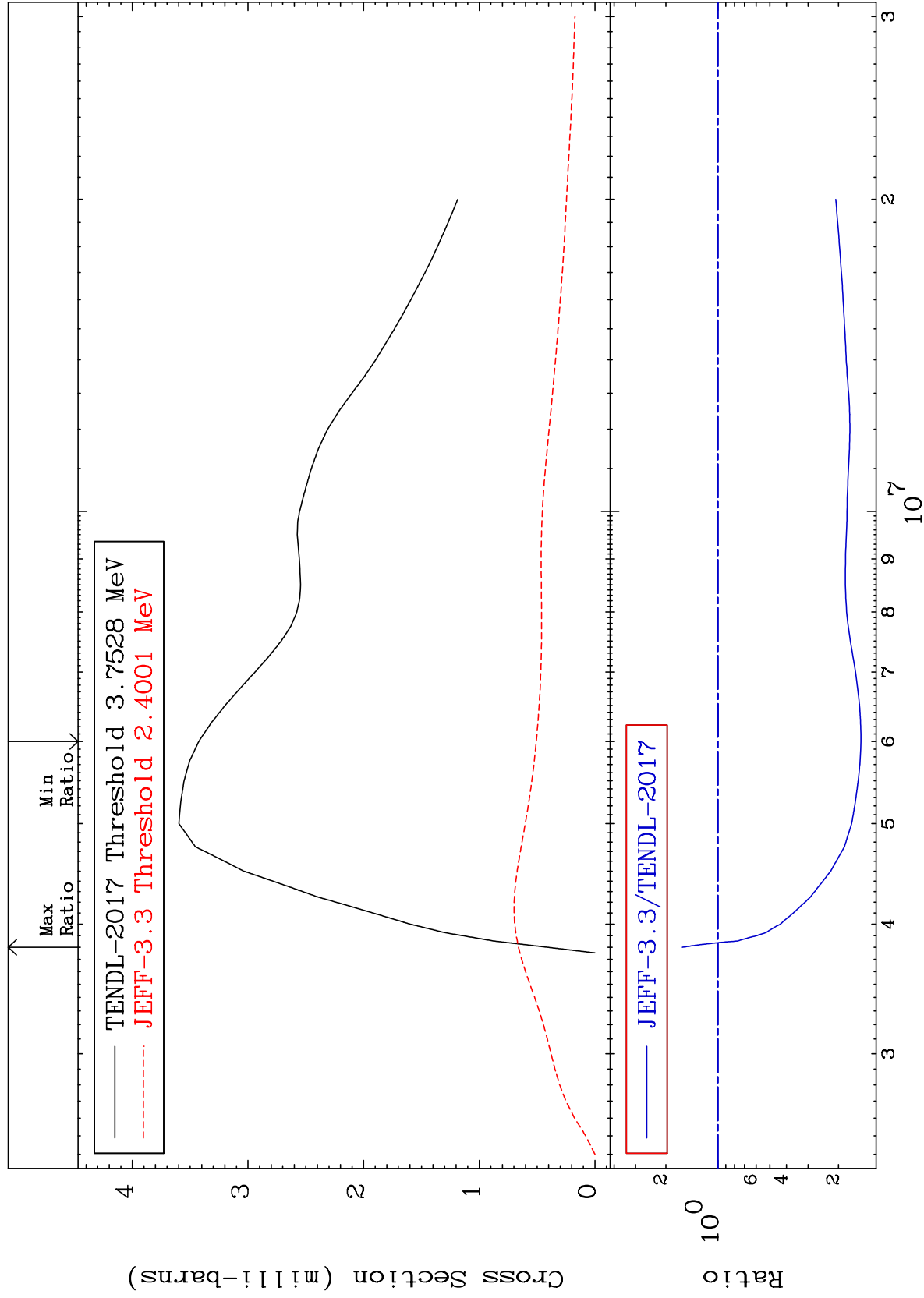
94-Pu-239
292.6 To 2623. %



MAT 9437

3.737 MeV (n,n') Level
Cross Section

94-Pu-239
-85.20 To 60.62 %



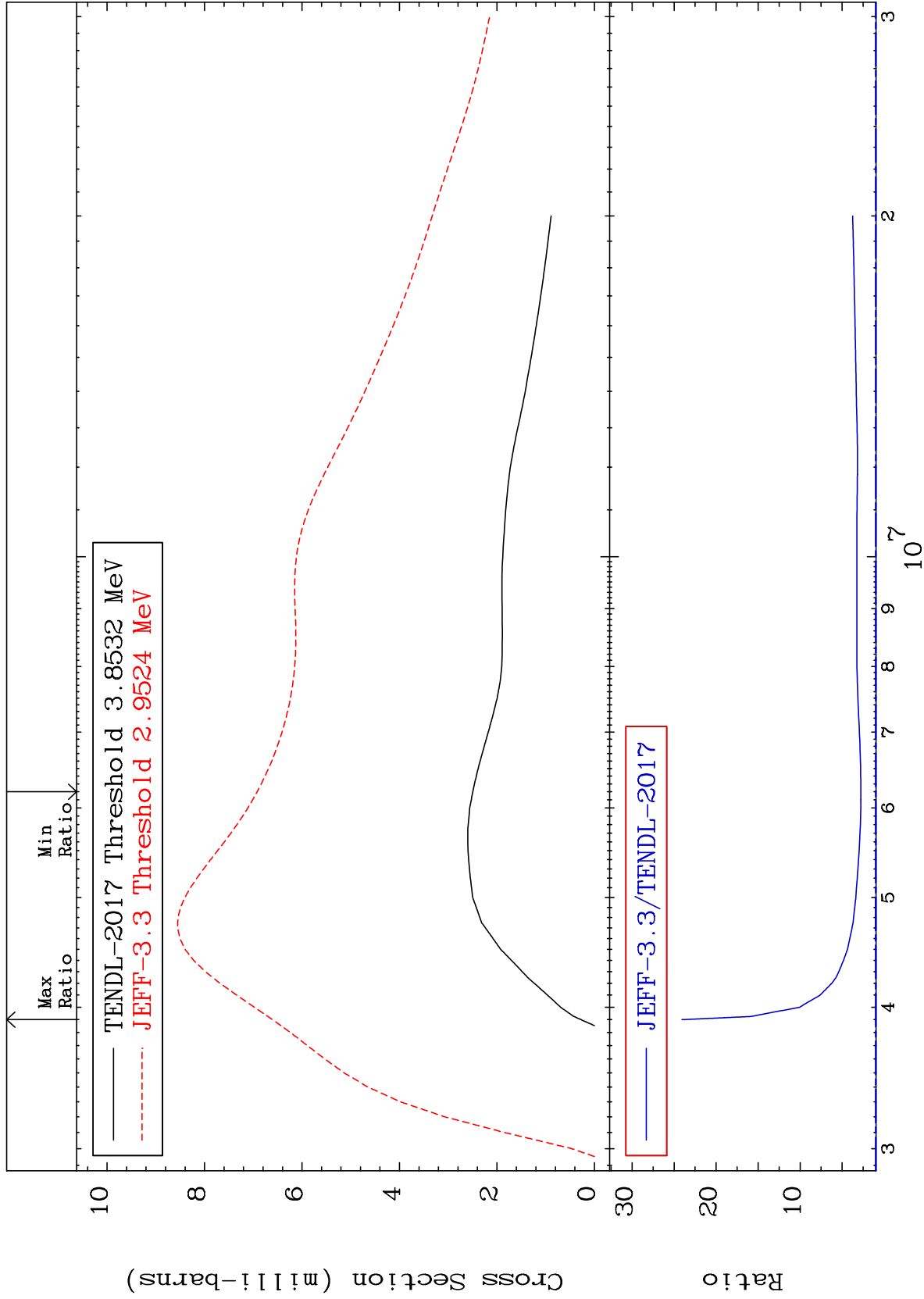
45

94-Pu-239

MAT 9437

3.837 MeV (n,n') Level
Cross Section

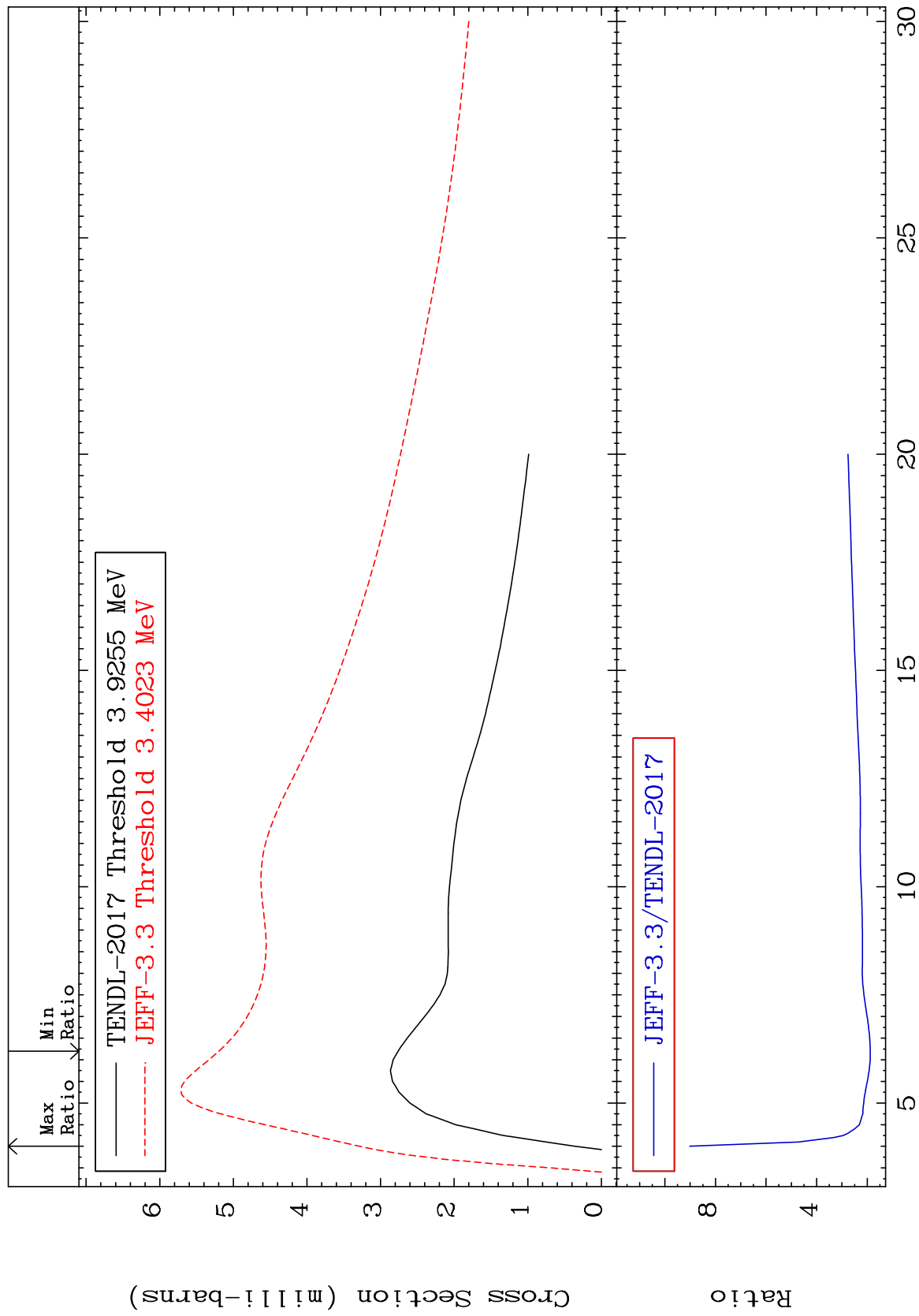
94-Pu-239
177.3 To 2307. %



MAT 9437

3.909 MeV (n,n') Level
Cross Section

94-Pu-239
88.21 To 801.8 %



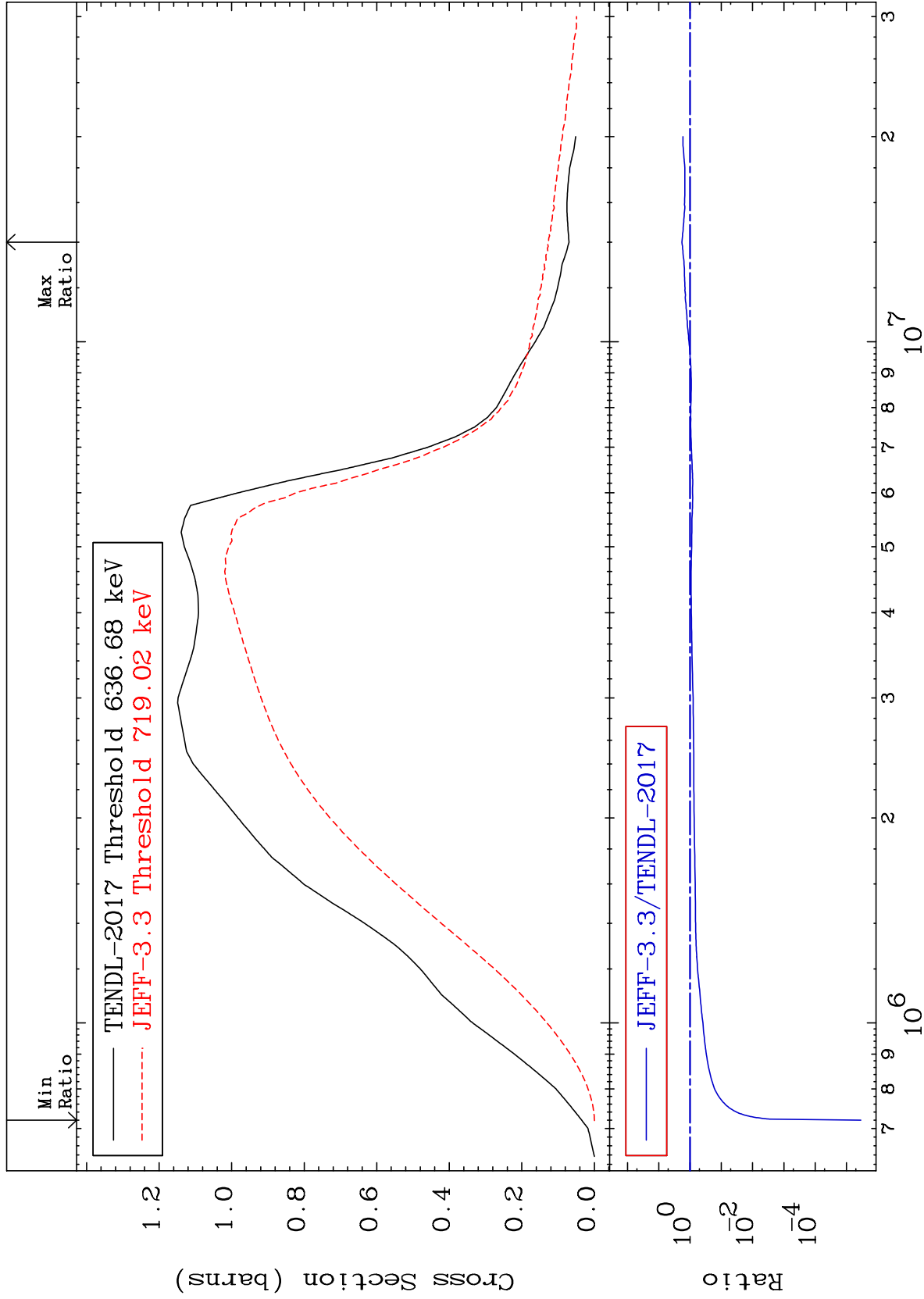
47

94-Pu-239

MAT 9437

(n, n') Continuum
Cross Section

94-Pu-239
-100.0 To 81.43 %



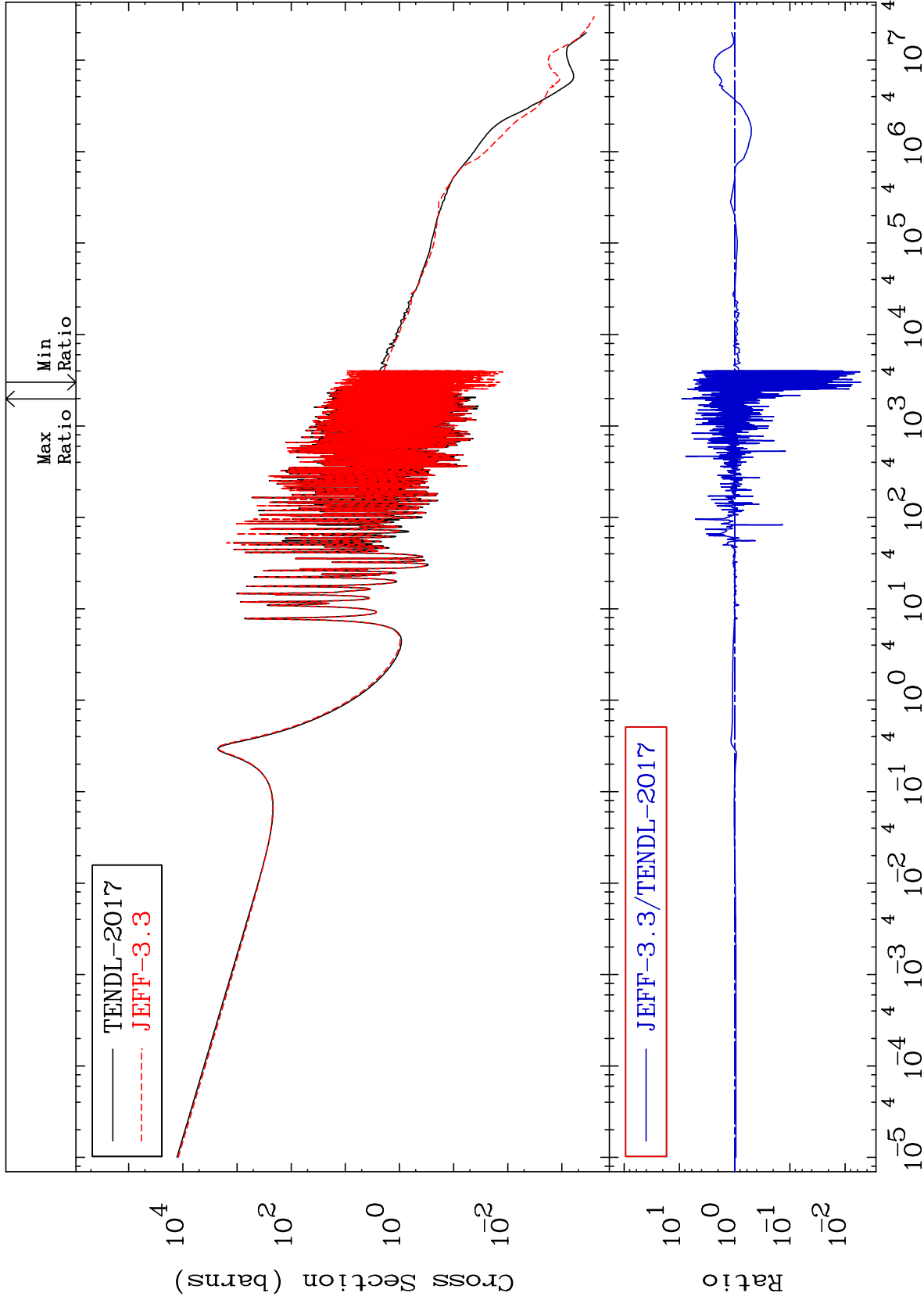
MAT 9437

(n, γ)

94-Pu-239

Cross Section

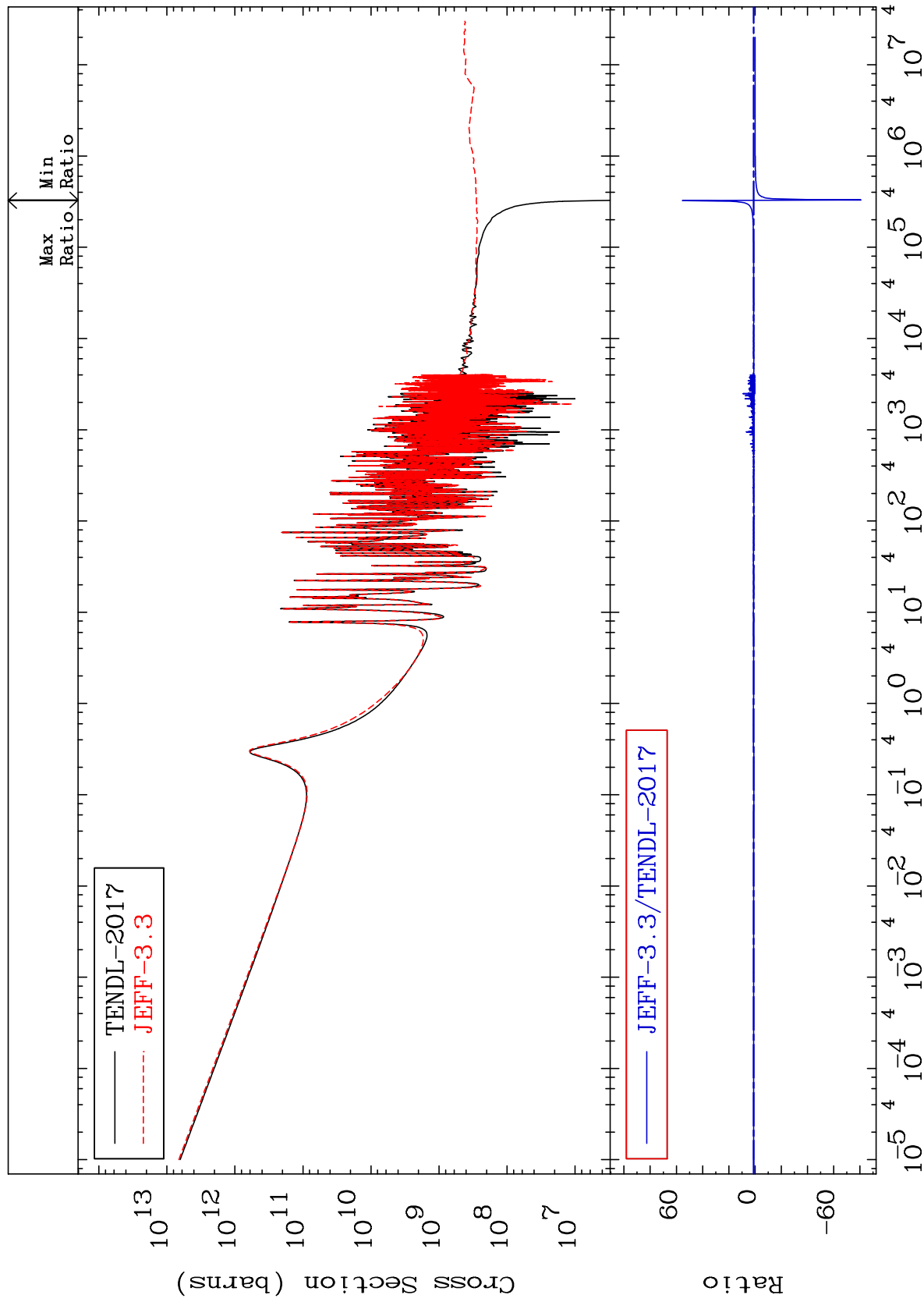
-99.48 To 808.9 %



MAT 9437

Kerma total (eV-barns)
Cross Section

94-Pu-239
-8179. To 5445. %



50

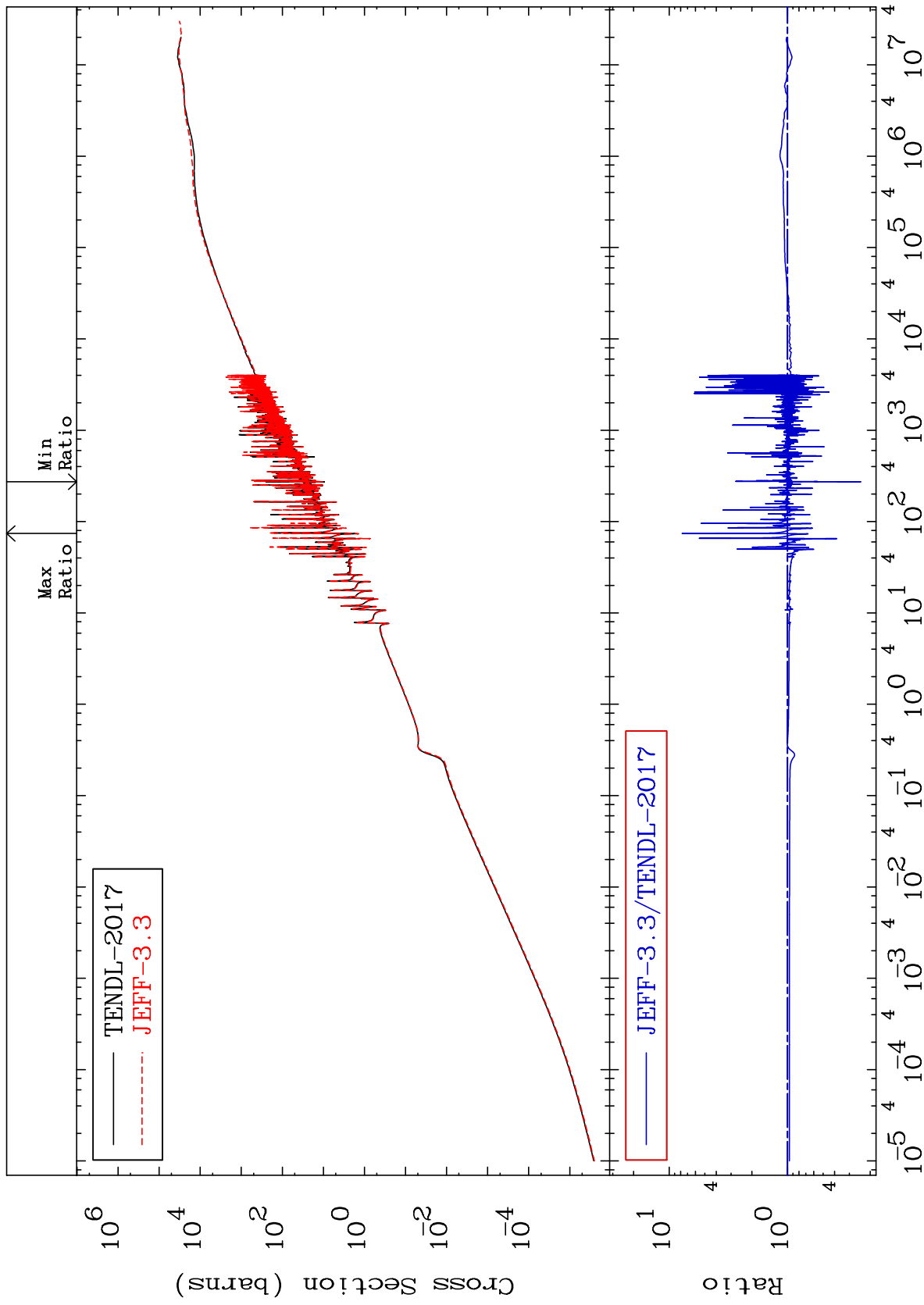
Incident Energy (eV)

94-Pu-239

MAT 9437

Kerma elastic
Cross Section

94-Pu-239
-75.96 To 681.6 %



51

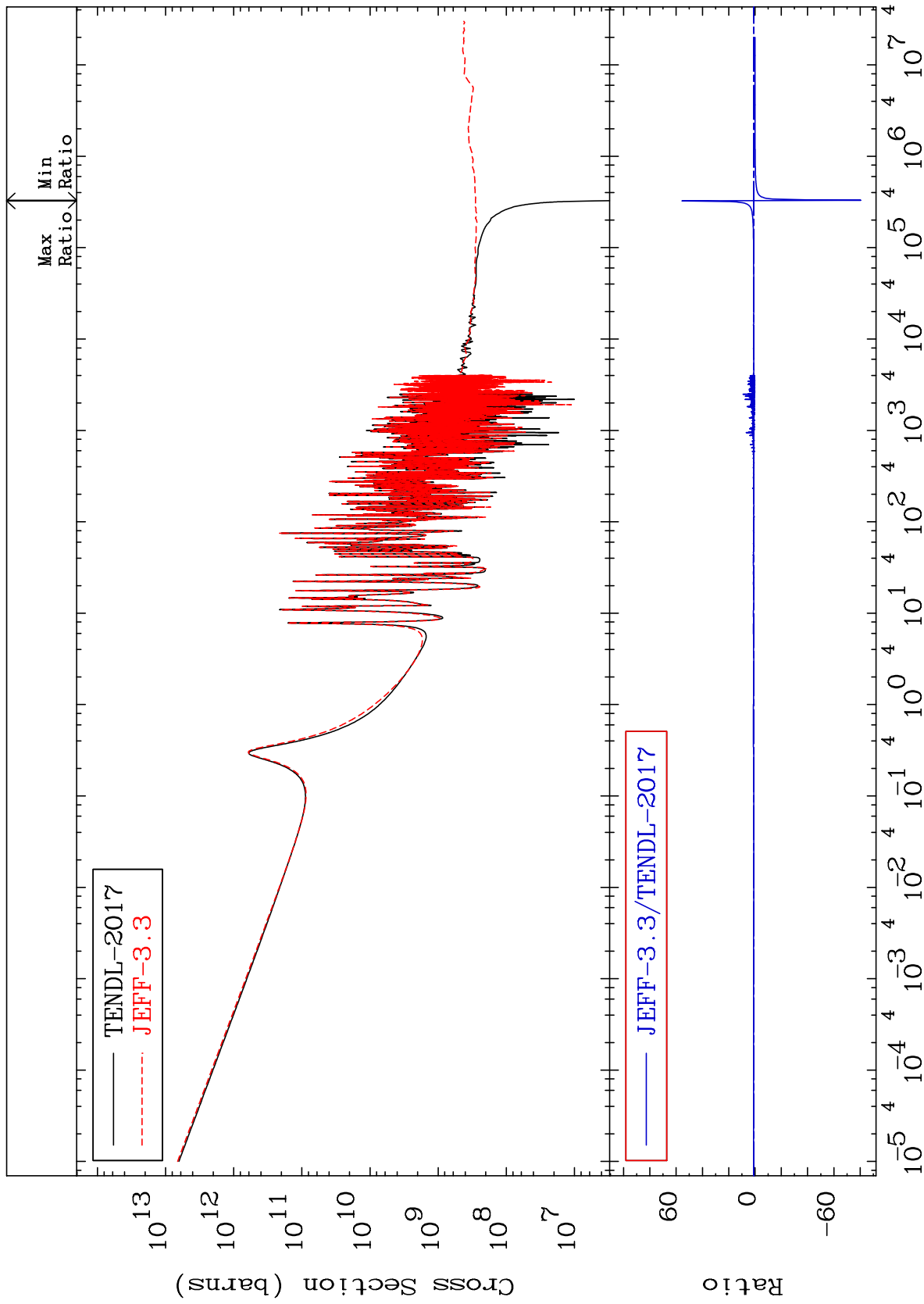
Incident Energy (eV)

94-Pu-239

MAT 9437

Kerma non-elastic (all but mt2)
Cross Section

94-Pu-239
-8150. To 5458. %



52

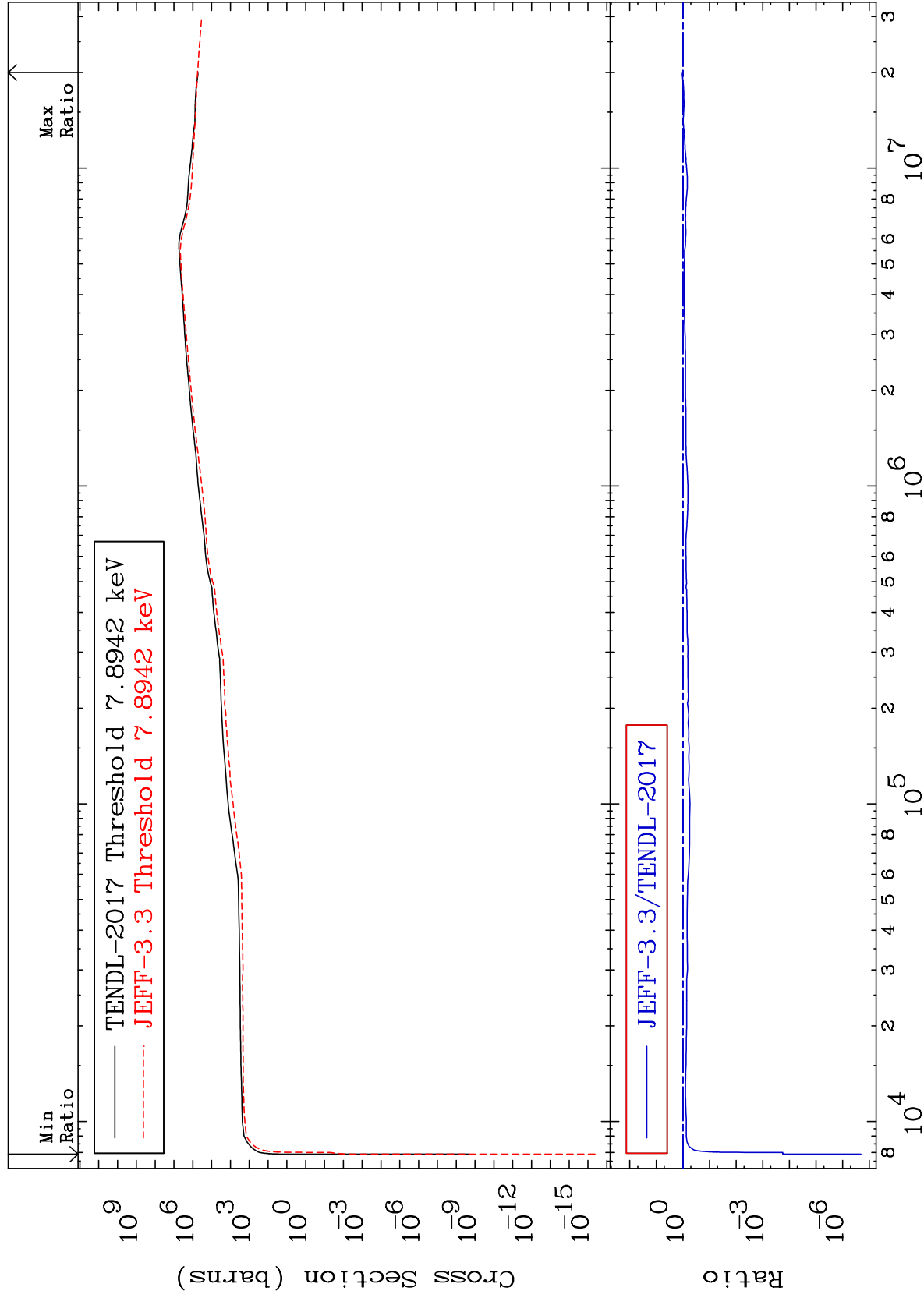
Incident Energy (eV)

94-Pu-239

MAT 9437

Kerma inelastic (mt51-91)
Cross Section

94-Pu-239
-100.0 To 4.980 %



53

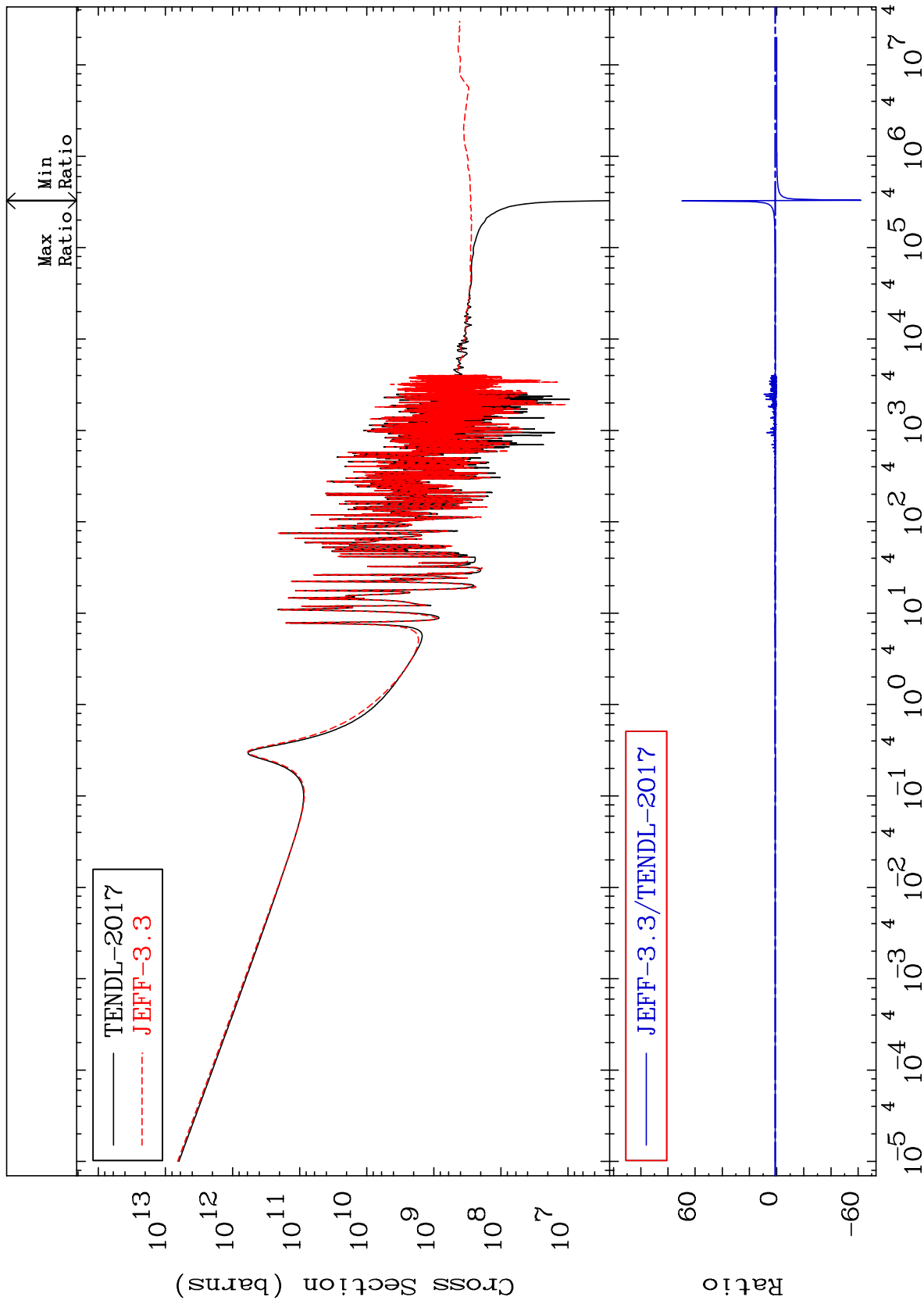
Incident Energy (eV)

94-Pu-239

MAT 9437

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

94-Pu-239
-6295. To 6870. %



54

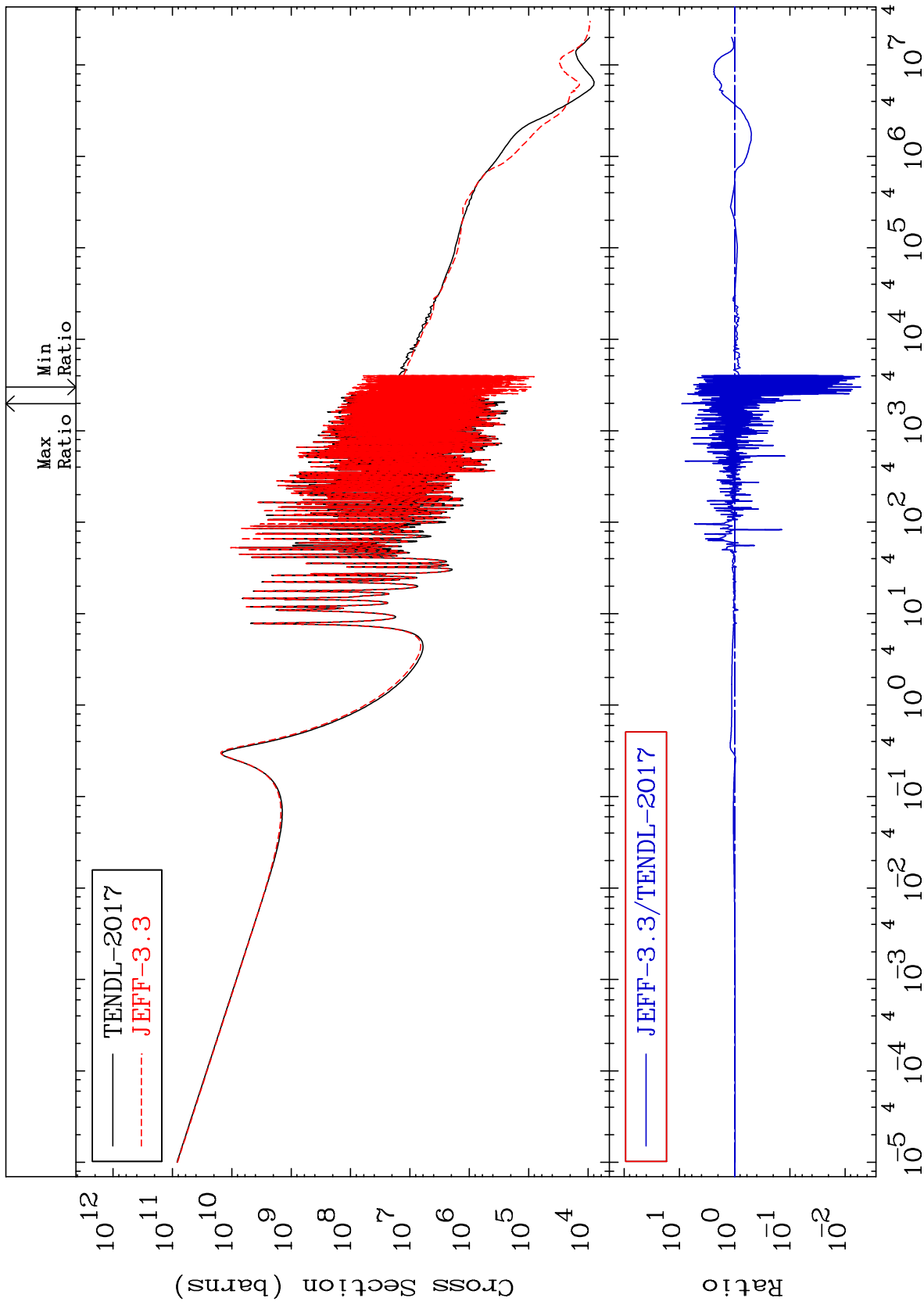
Incident Energy (eV)

94-Pu-239

MAT 9437

Kerma capture (mt102)
Cross Section

94-Pu-239
-99.48 To 809.2 %



55

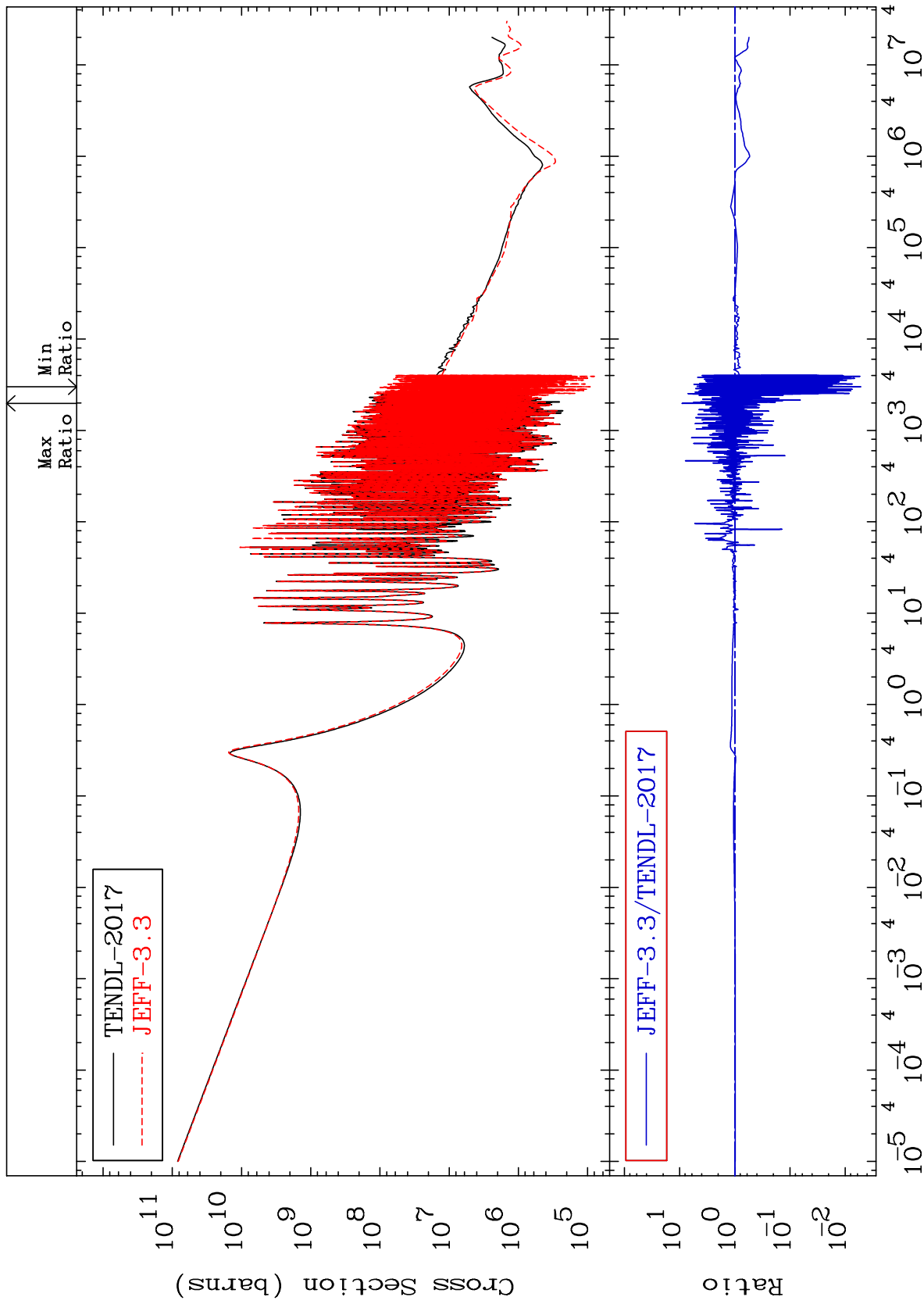
Incident Energy (eV)

94-Pu-239

MAT 9437

Total photon (eV-barns)
Cross Section

94-Pu-239
-99.48 To 809.2 %



56

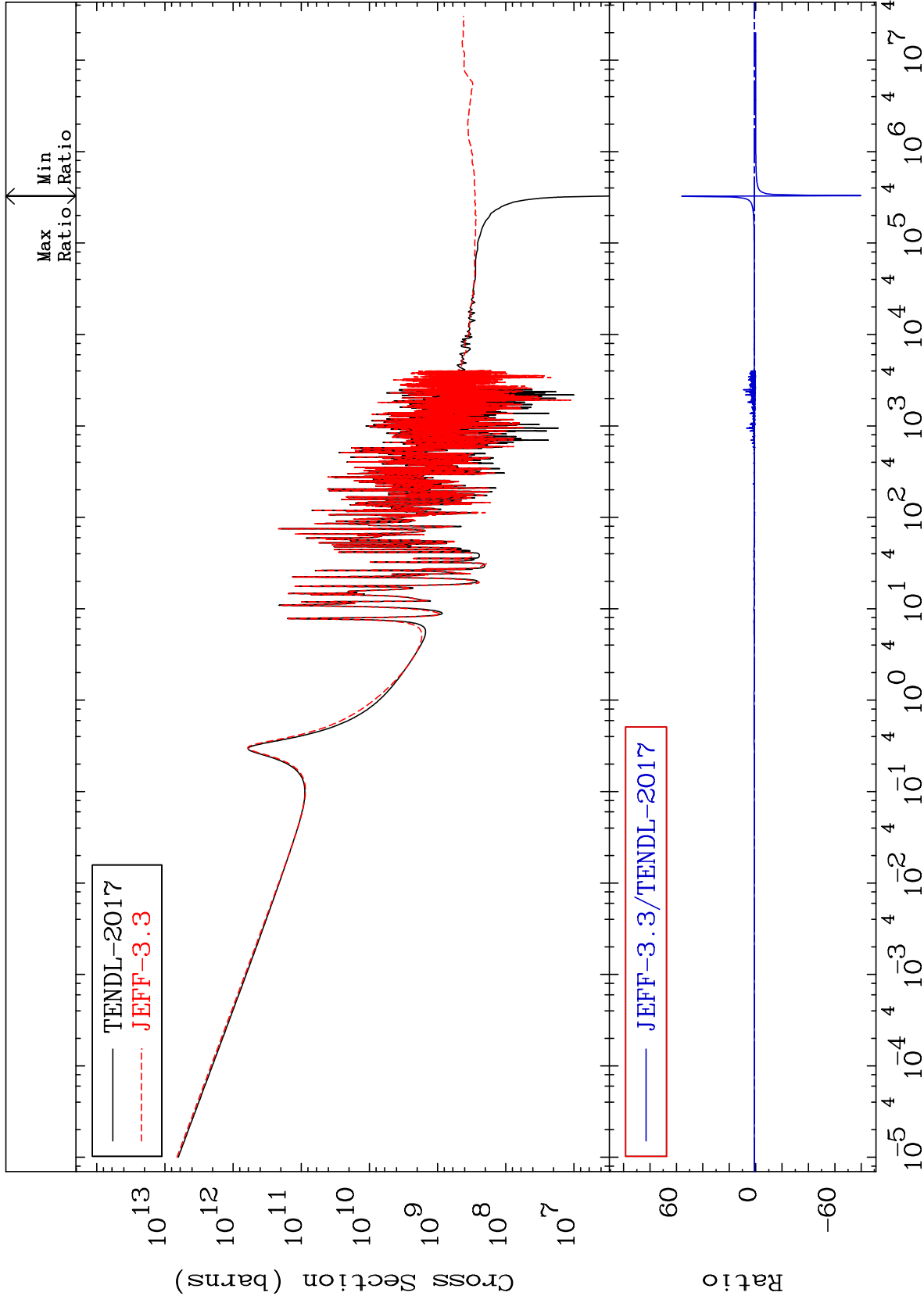
Incident Energy (eV)

94-Pu-239

MAT 9437

Total kinematic kerma (high limit)
Cross Section

94-Pu-239
-8066. To 5497. %



57

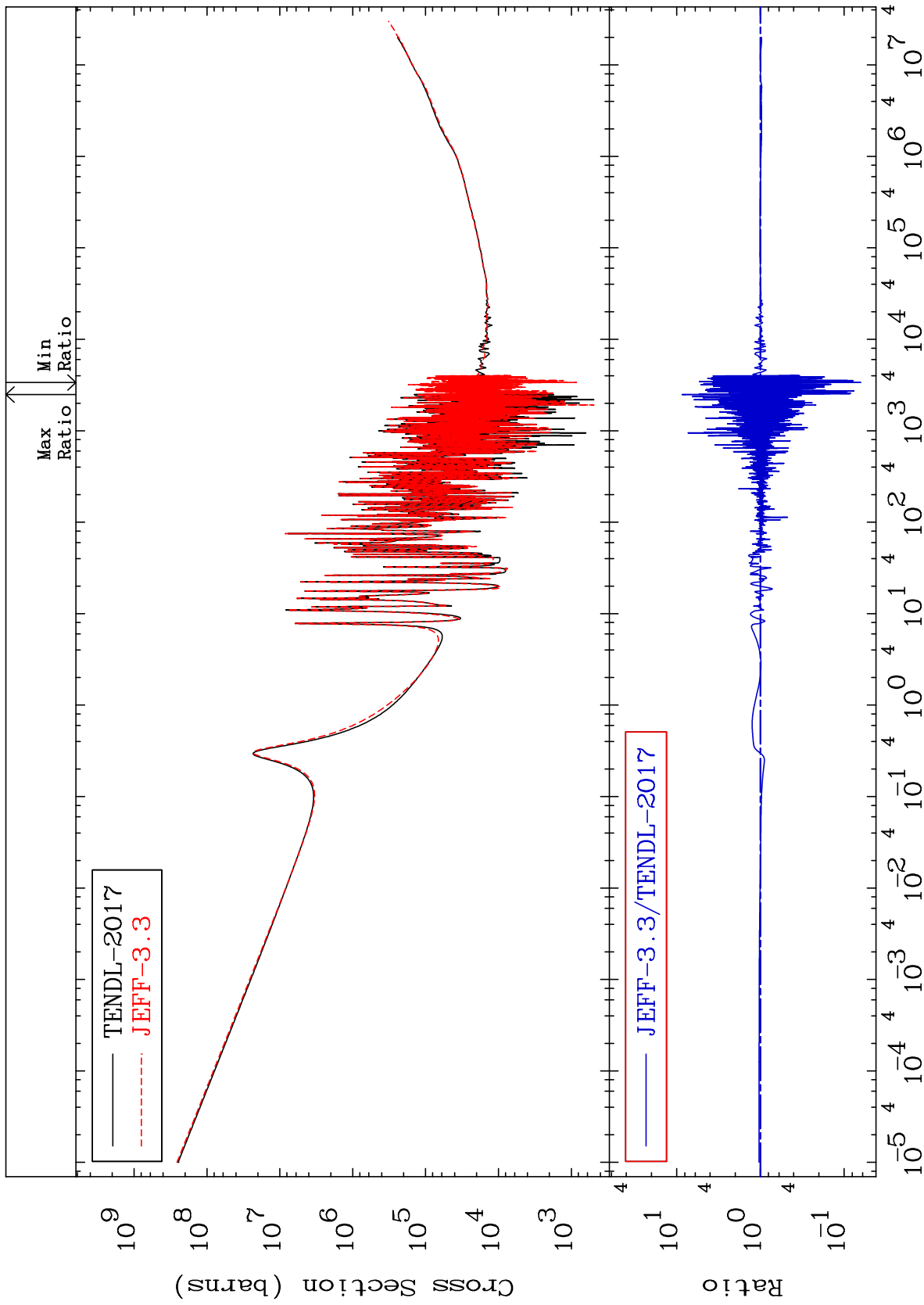
Incident Energy (eV)

94-Pu-239

MAT 9437

Dpa total (eV-barns)
Cross Section

94-Pu-239
-93.67 To 769.3 %



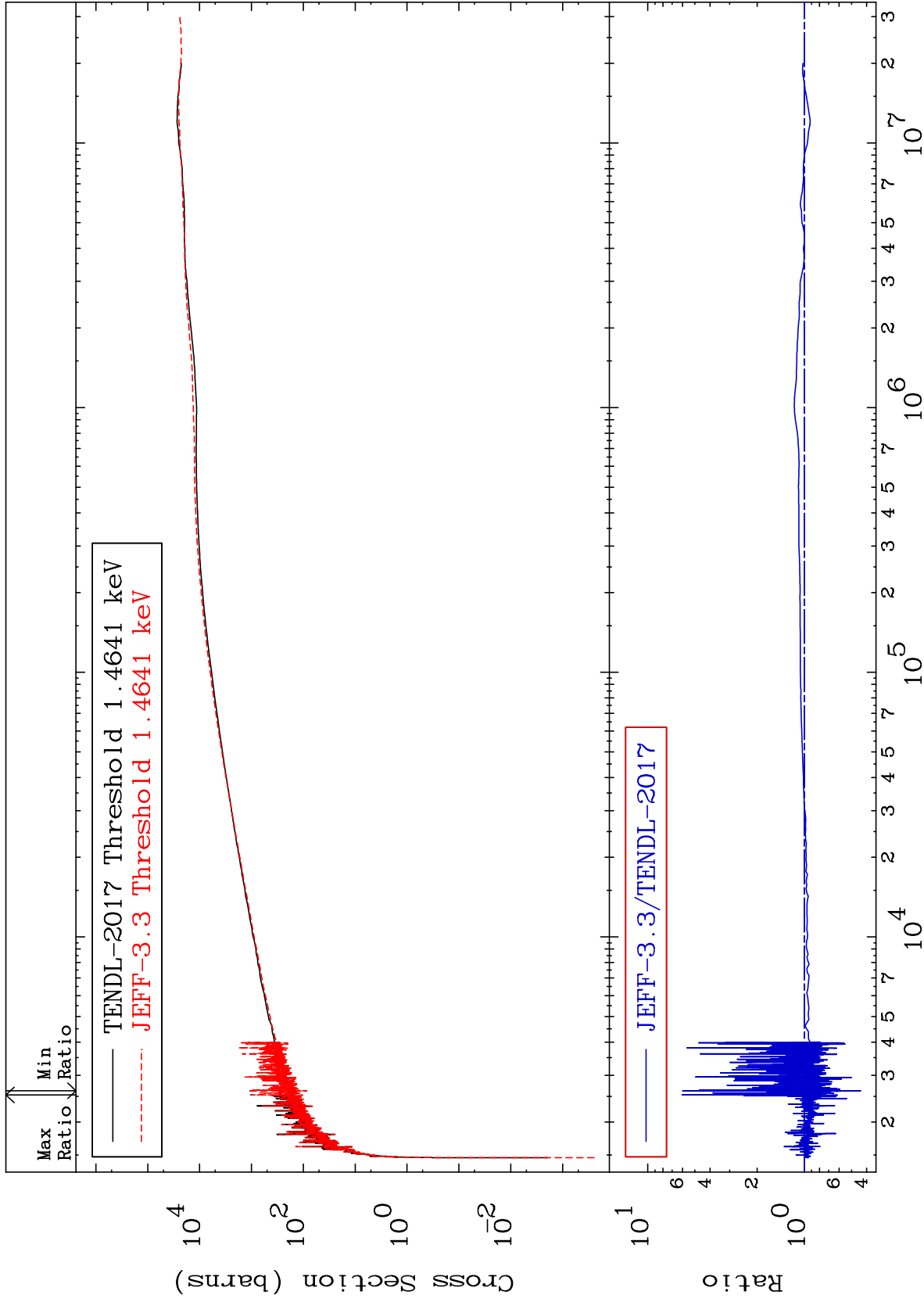
58

94-Pu-239

MAT 9437

Dpa elastic (mt2)
Cross Section

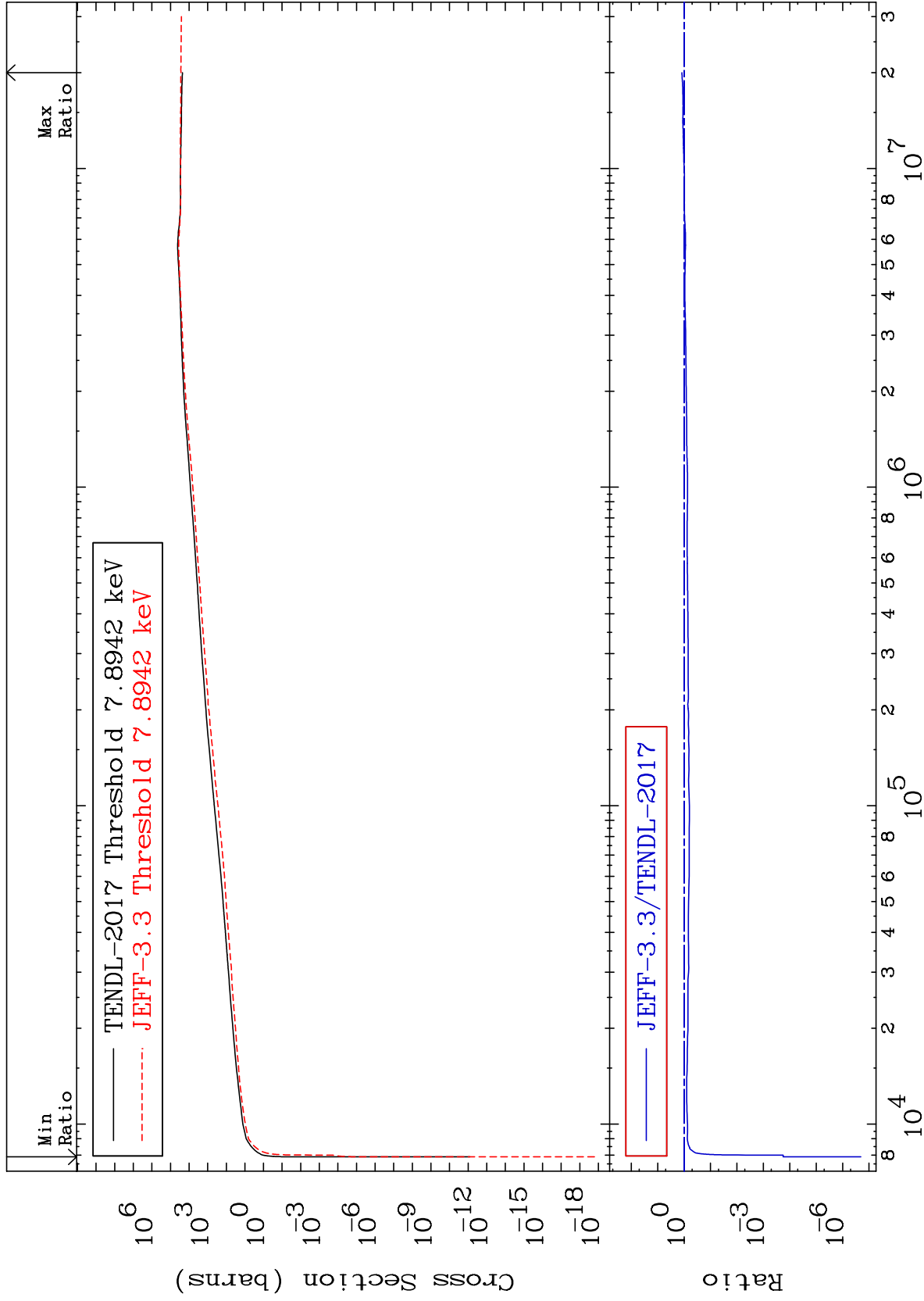
94-Pu-239
-56.36 To 506.6 %



MAT 9437

Dpa inelastic (mt51-91)
Cross Section

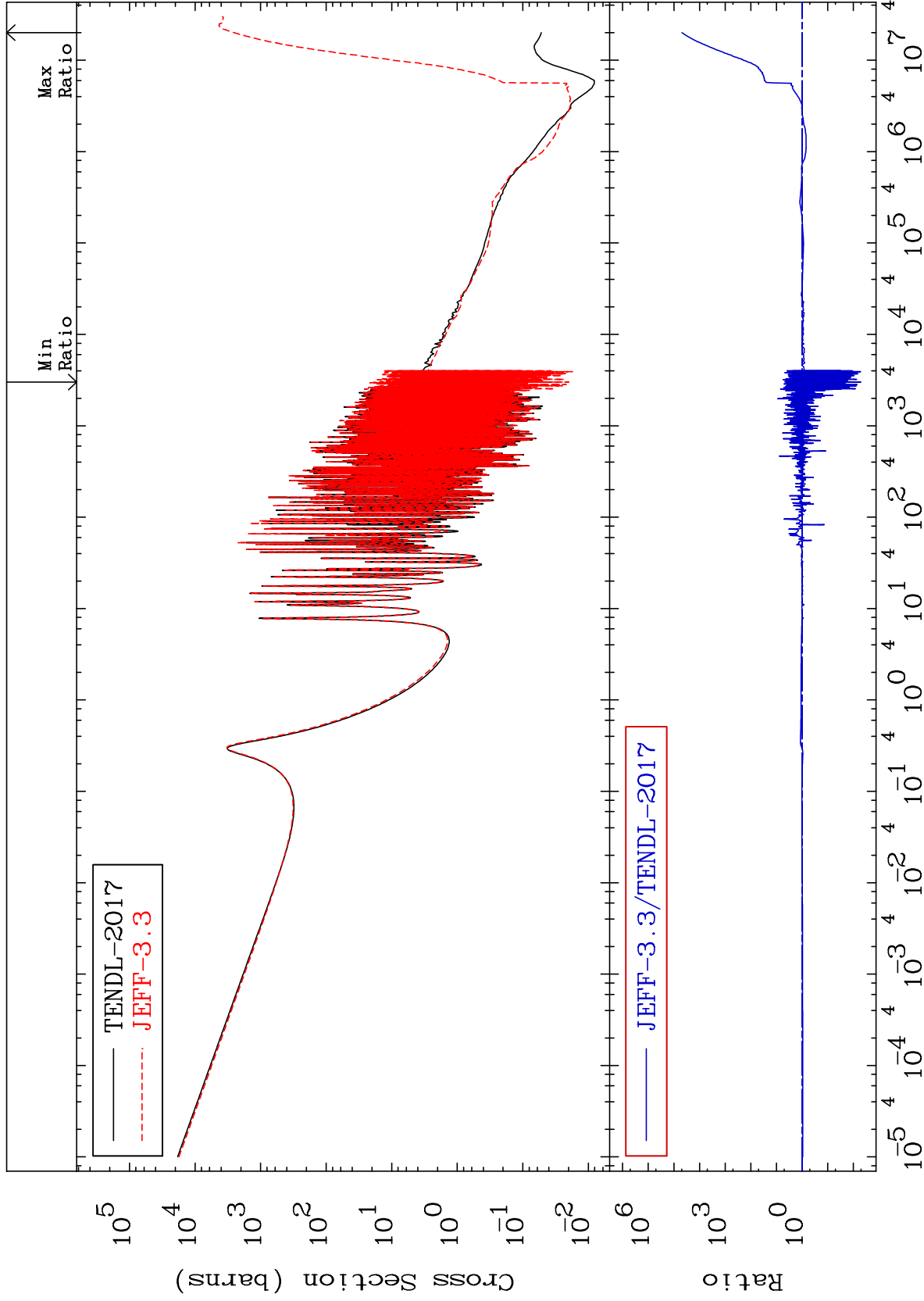
94-Pu-239
-100.0 To 20.93 %



MAT 9437

Dpa disappearance (mt102 -120)
Cross Section

94-Pu-239
-99.49 To 9999. %



61

Incident Energy (eV)

94-Pu-239