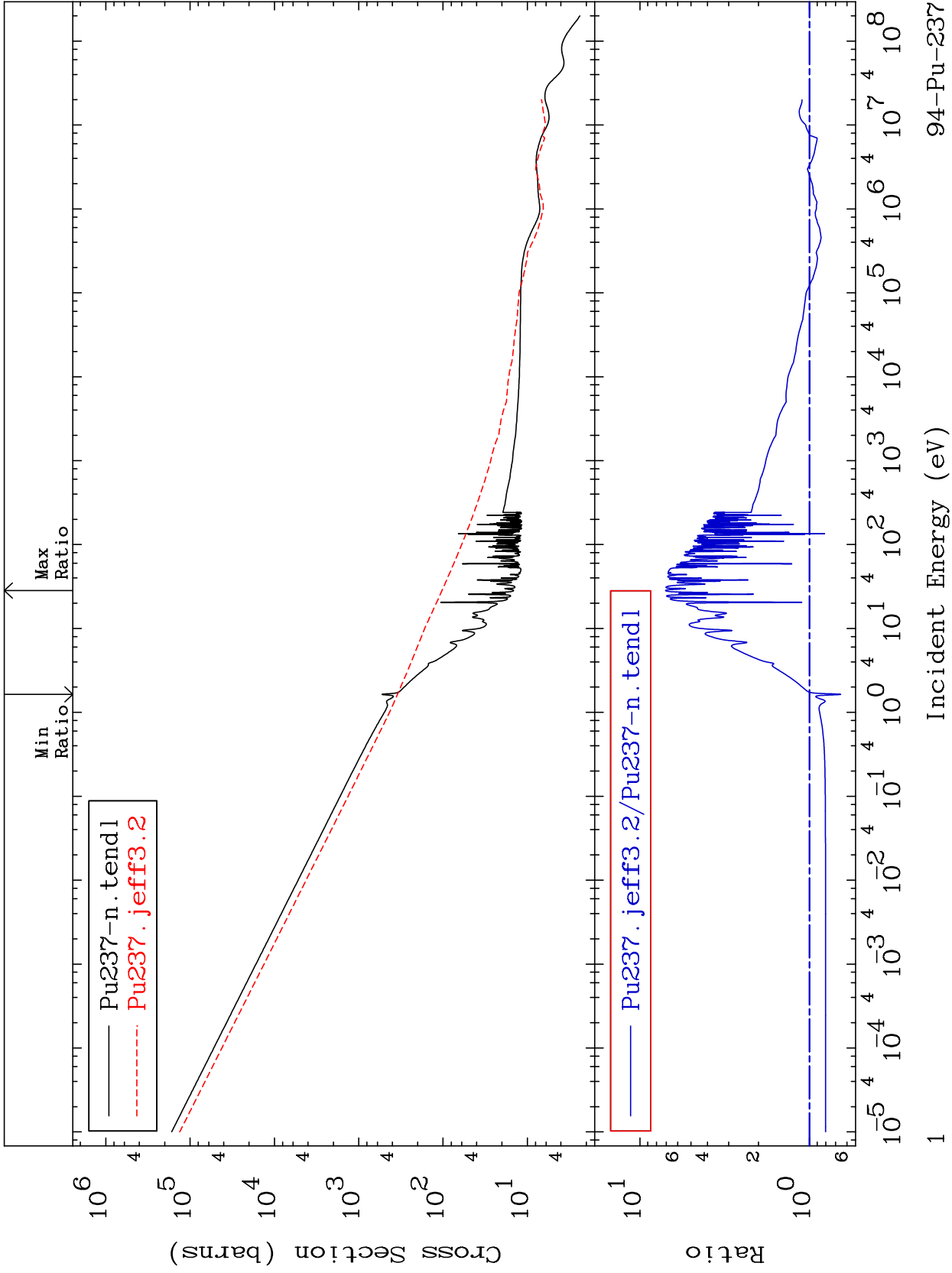


MAT 9431

Total Cross Section  
94-Pu-237  
-34.60 To 607.4 %

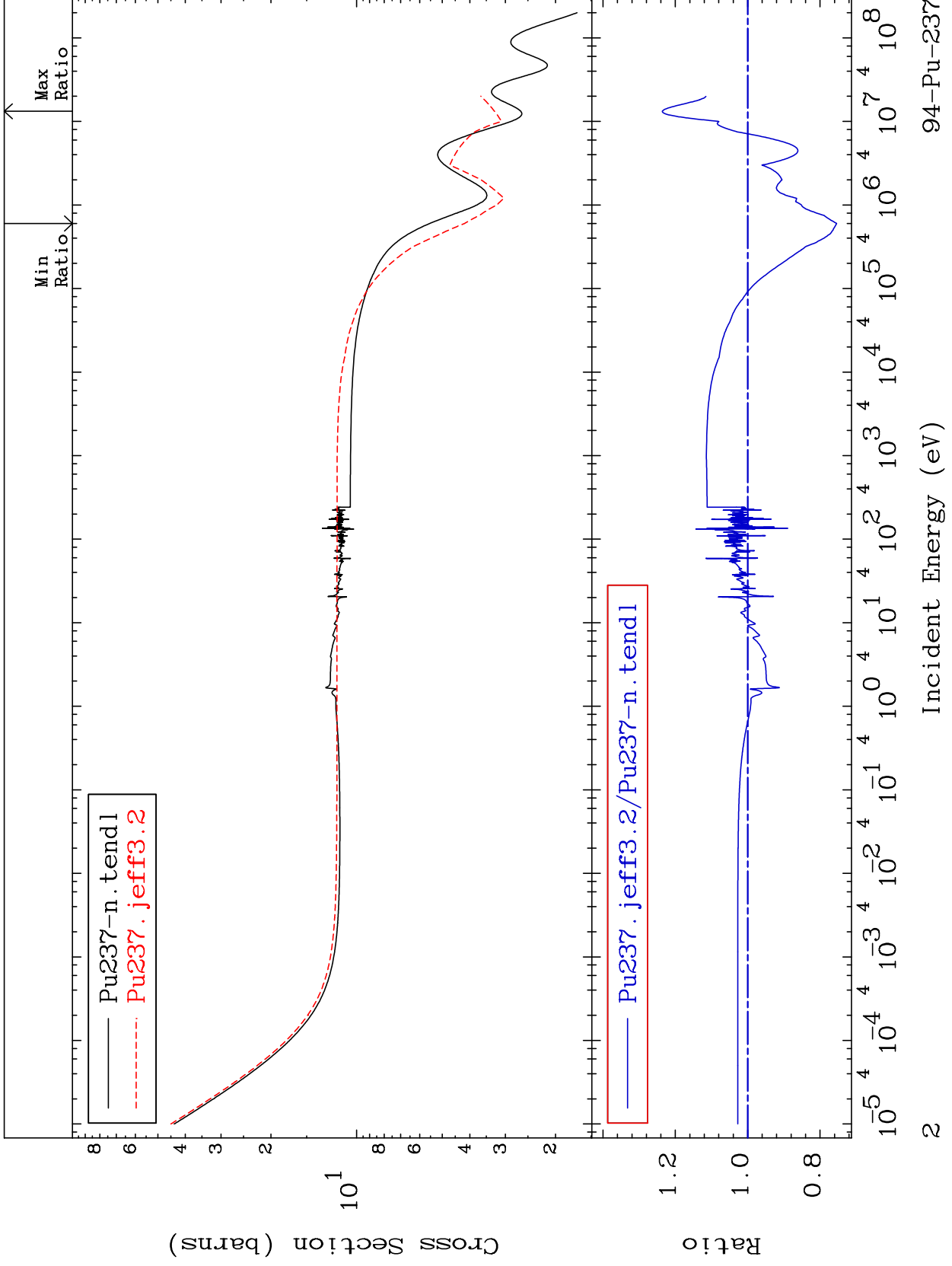


94-Pu-237

MAT 9431

Elastic  
Cross Section

94-Pu-237  
-24.58 To 23.61 %



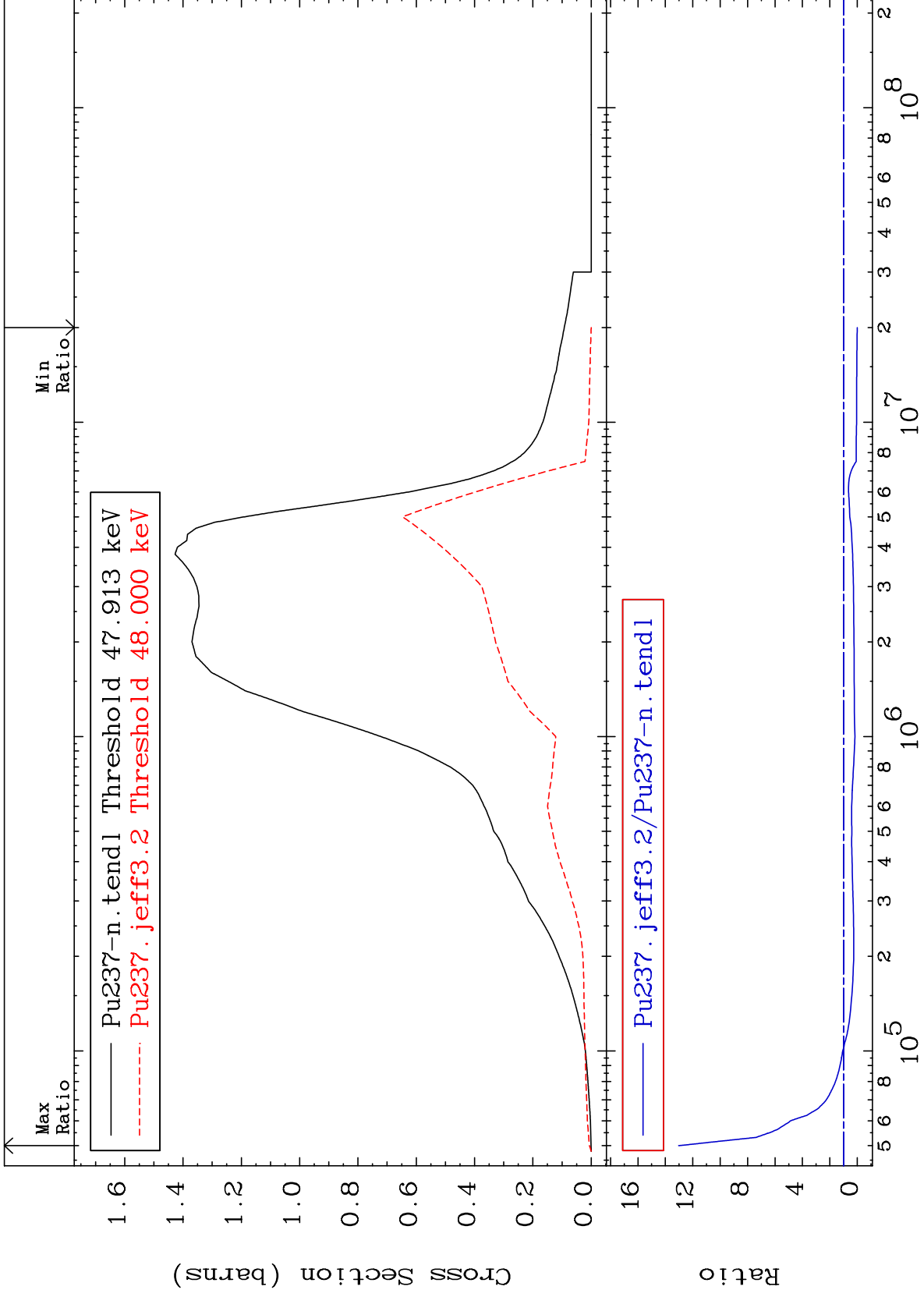
94-Pu-237

Incident Energy (eV)

MAT 9431

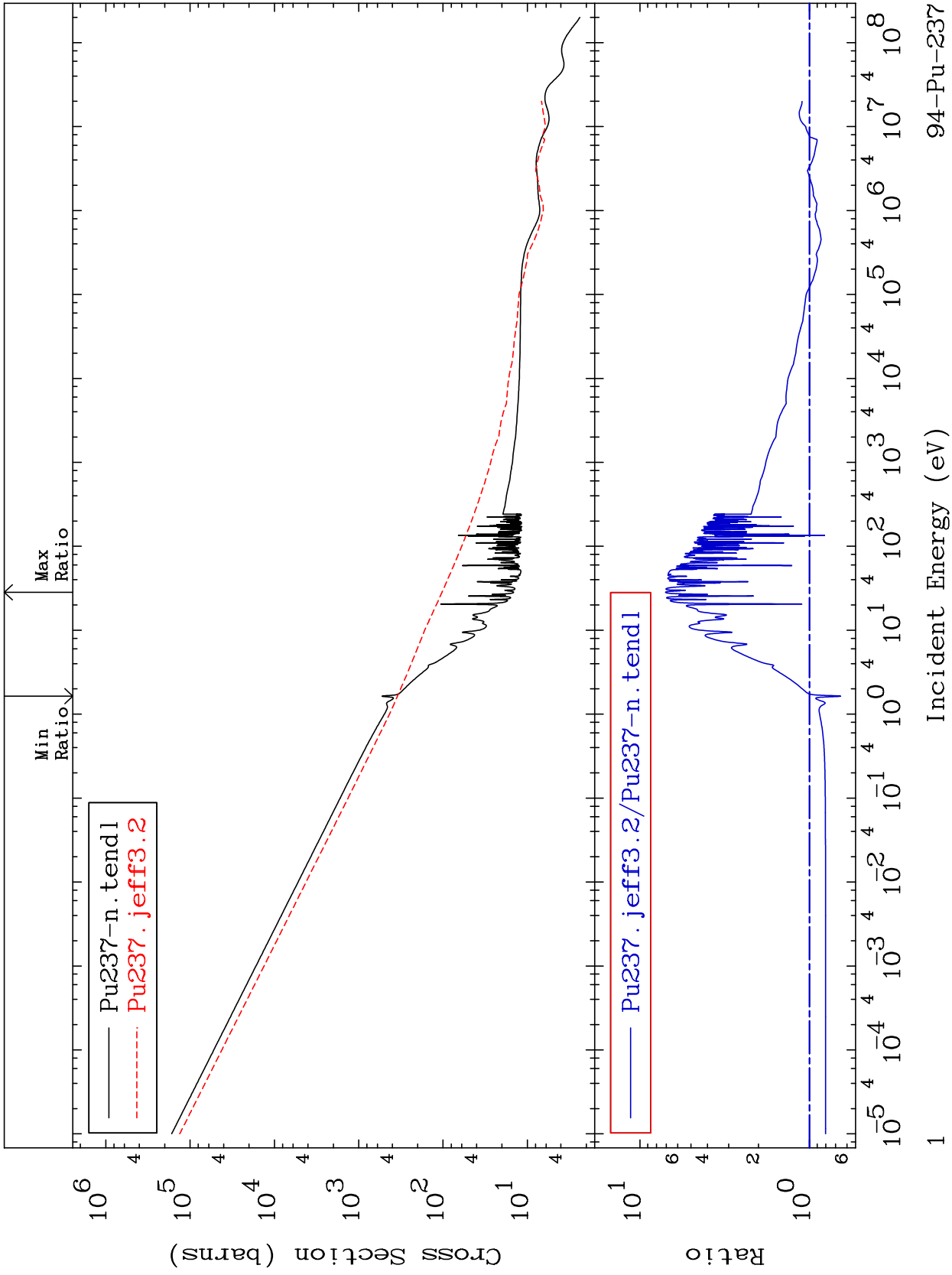
Inelastic  
Cross Section

94-Pu-237  
-100.0 To 1203. %



MAT 9431

Total Cross Section  
94-Pu-237  
-34.60 To 607.4 %

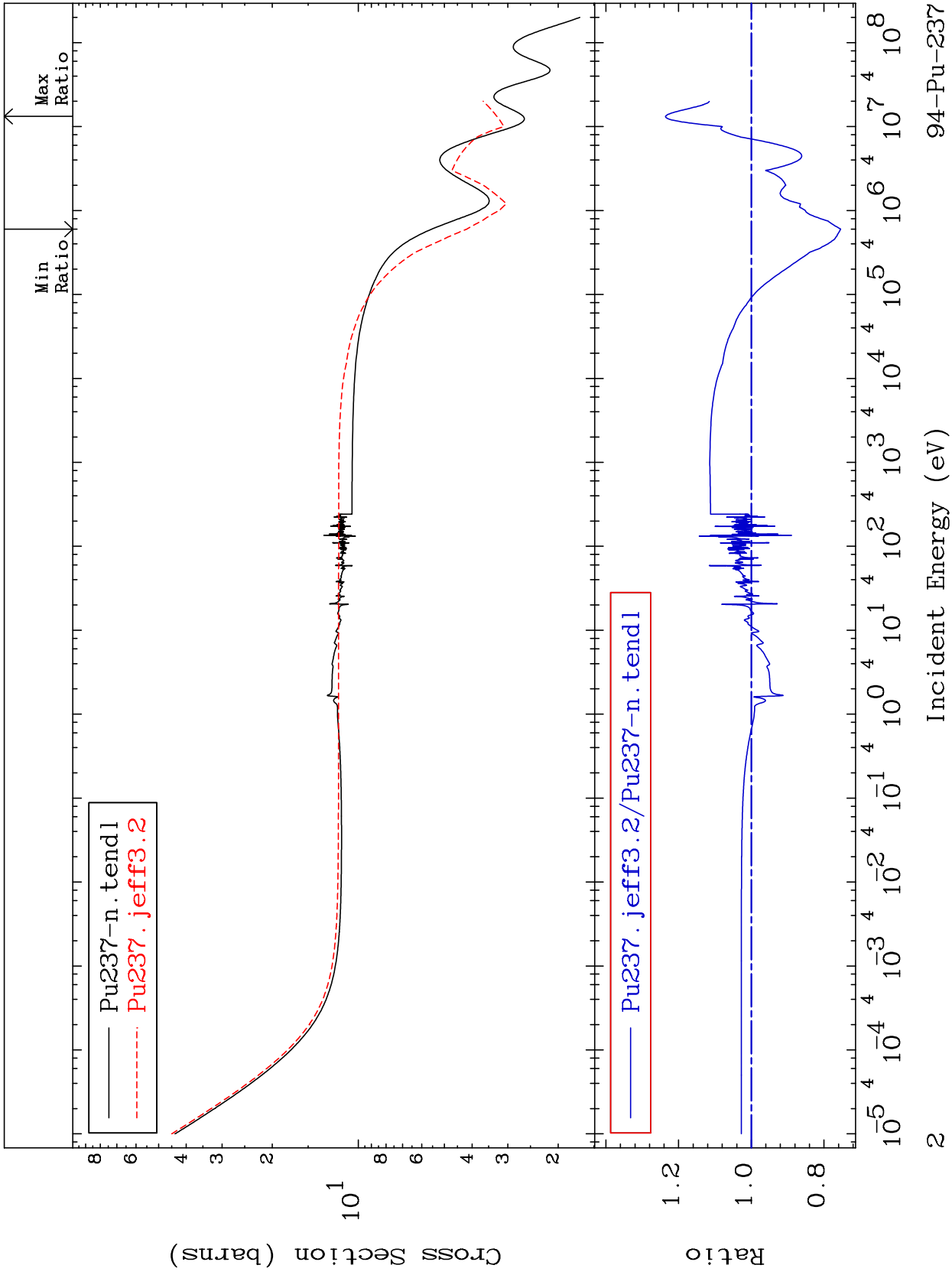


94-Pu-237

MAT 9431

Elastic  
Cross Section

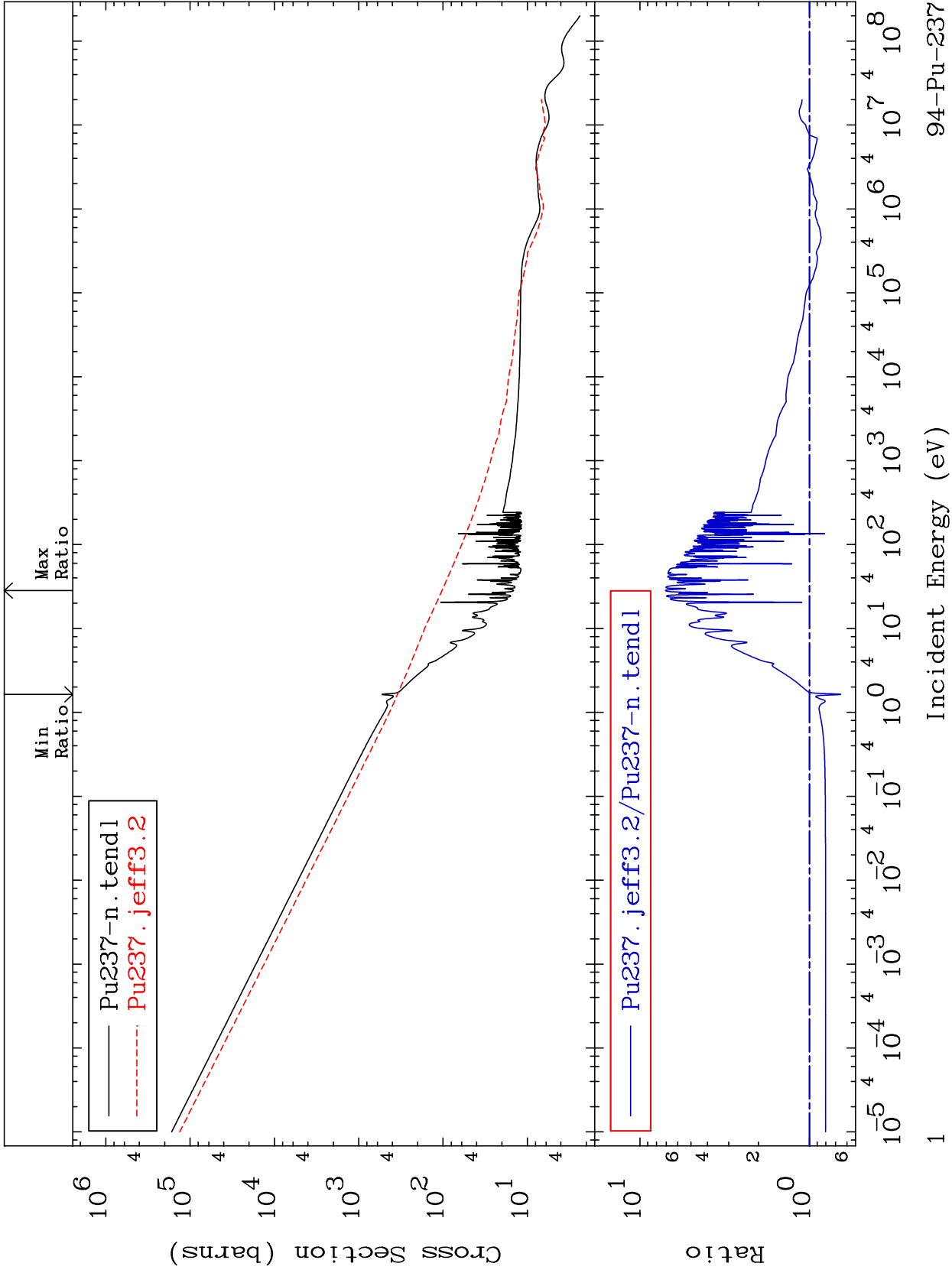
94-Pu-237  
-24.58 To 23.61 %





MAT 9431

Total Cross Section  
94-Pu-237  
-34.60 To 607.4 %

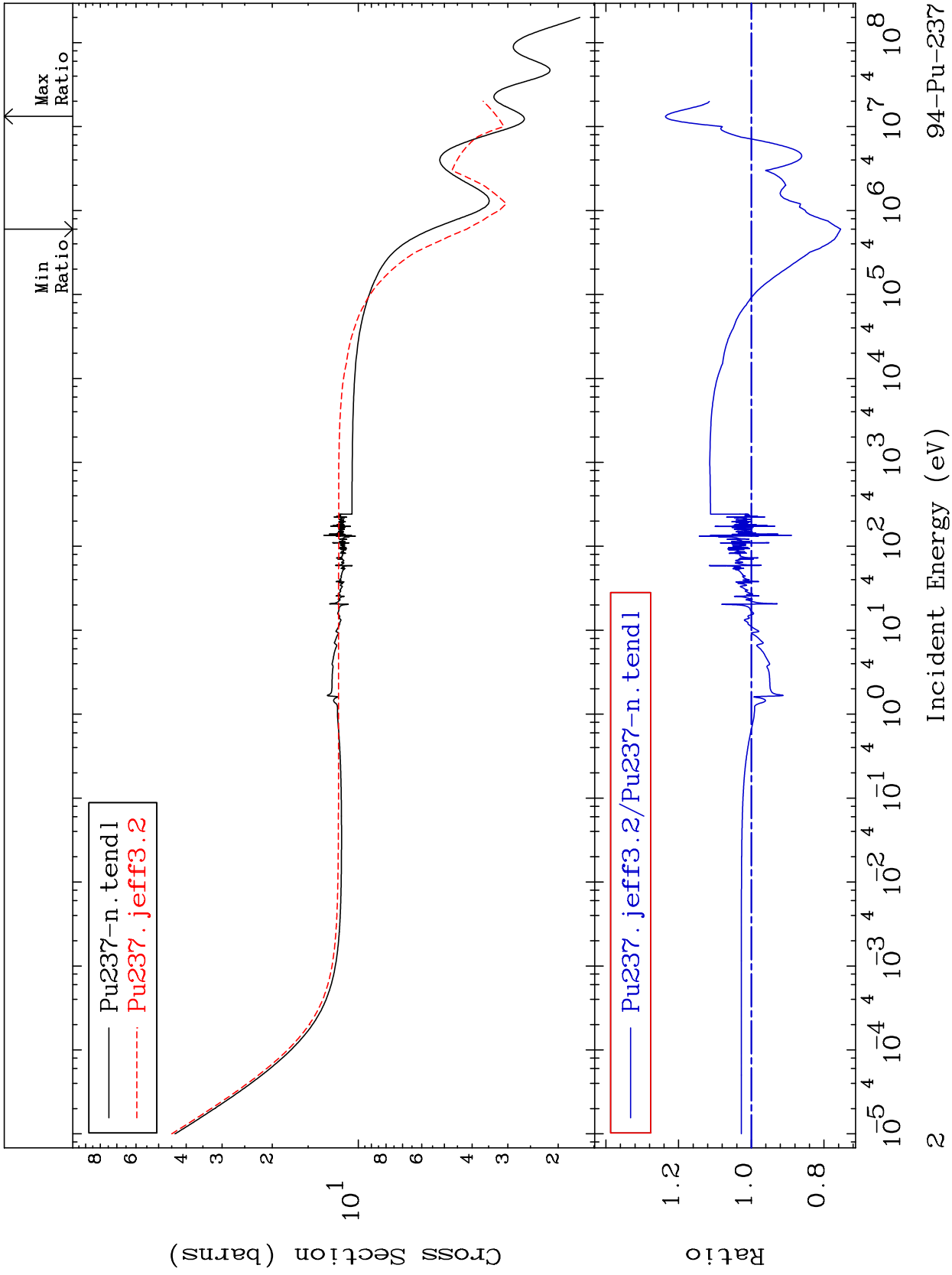


94-Pu-237

MAT 9431

Elastic  
Cross Section

94-Pu-237  
-24.58 To 23.61 %



94-Pu-237



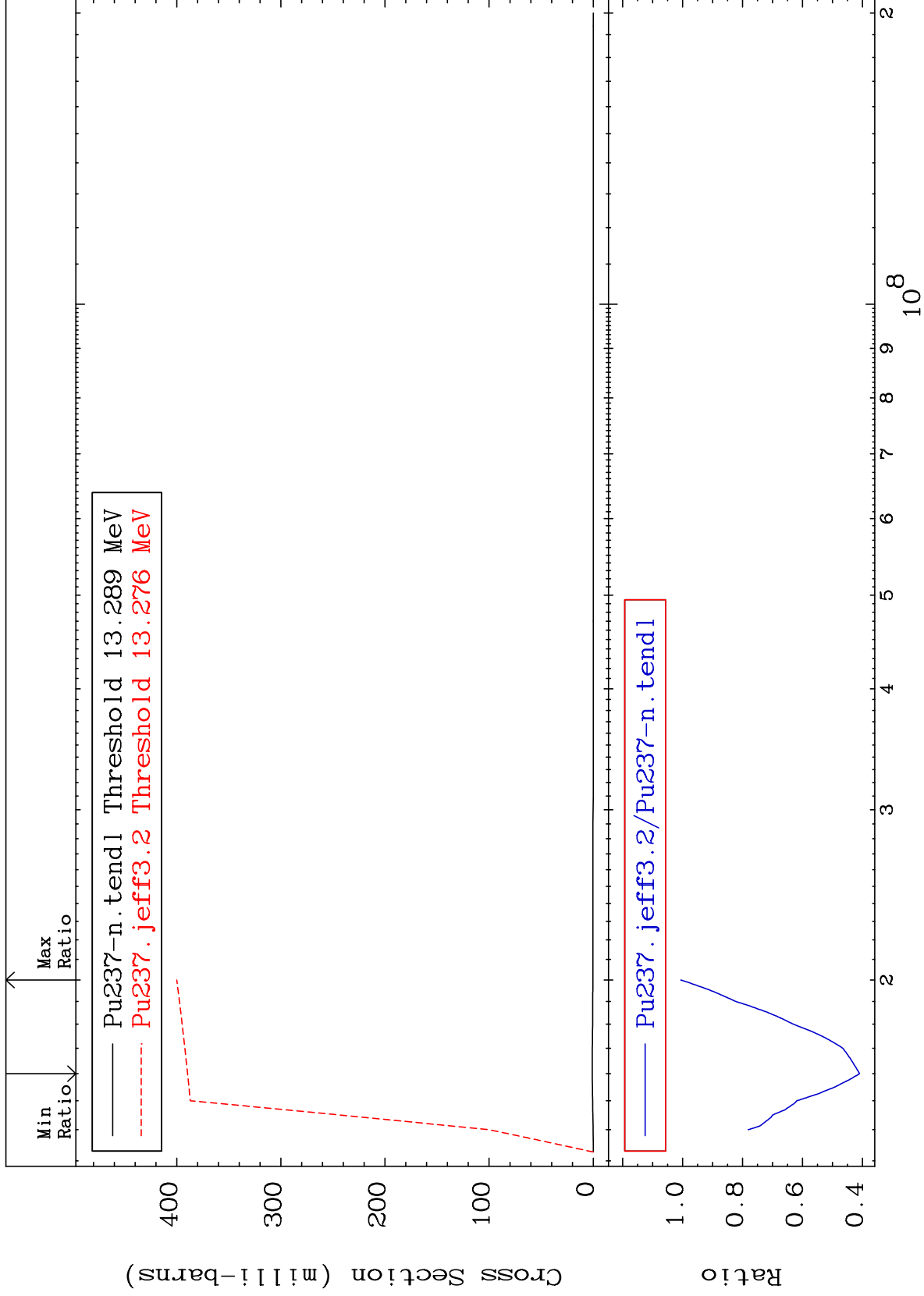




MAT 9431

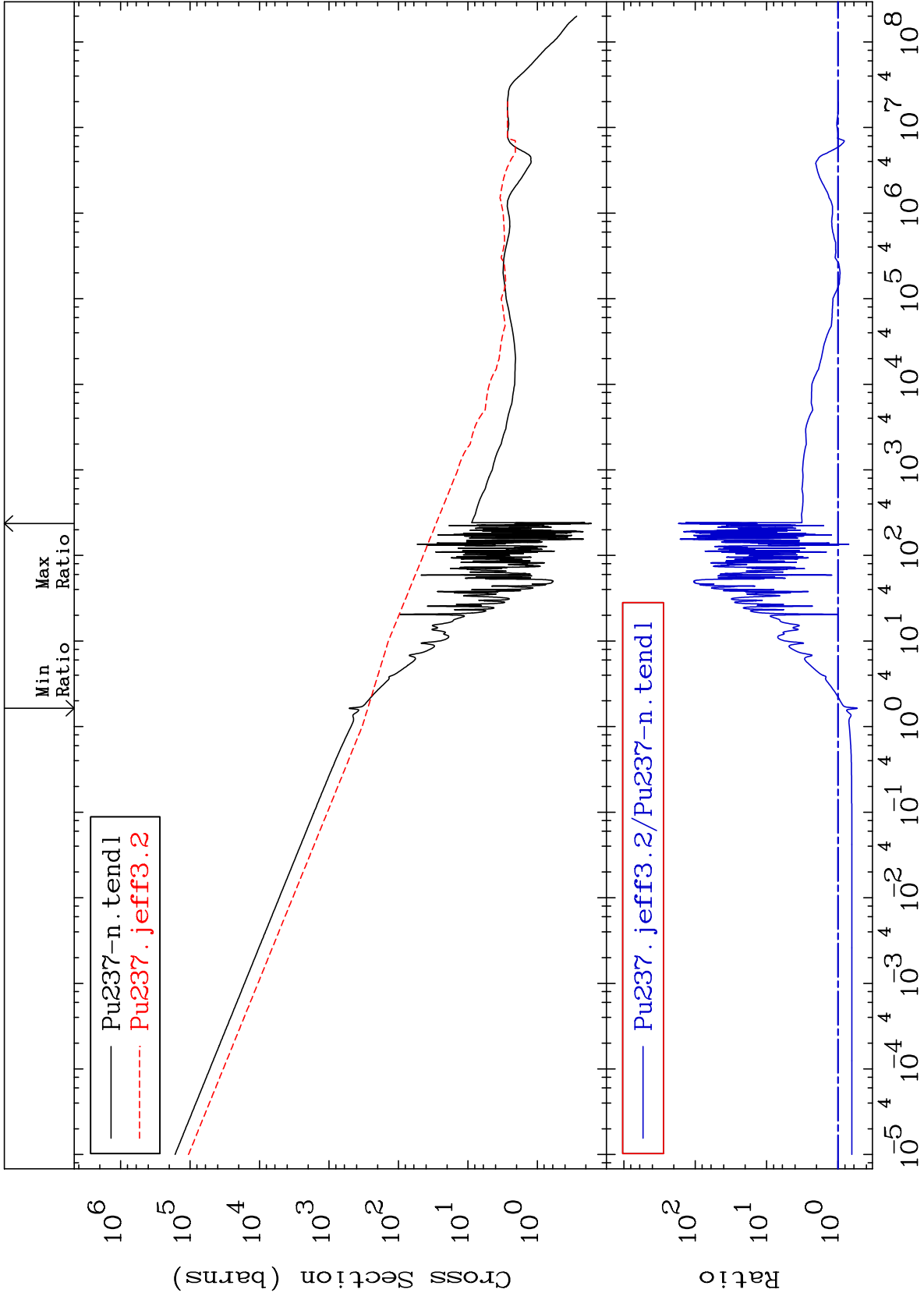
(n,3n)  
Cross Section

94-Pu-237  
9999. To 9999. %



MAT 9431

Fission Cross Section  
94-Pu-237  
-46.25 To 9999. %



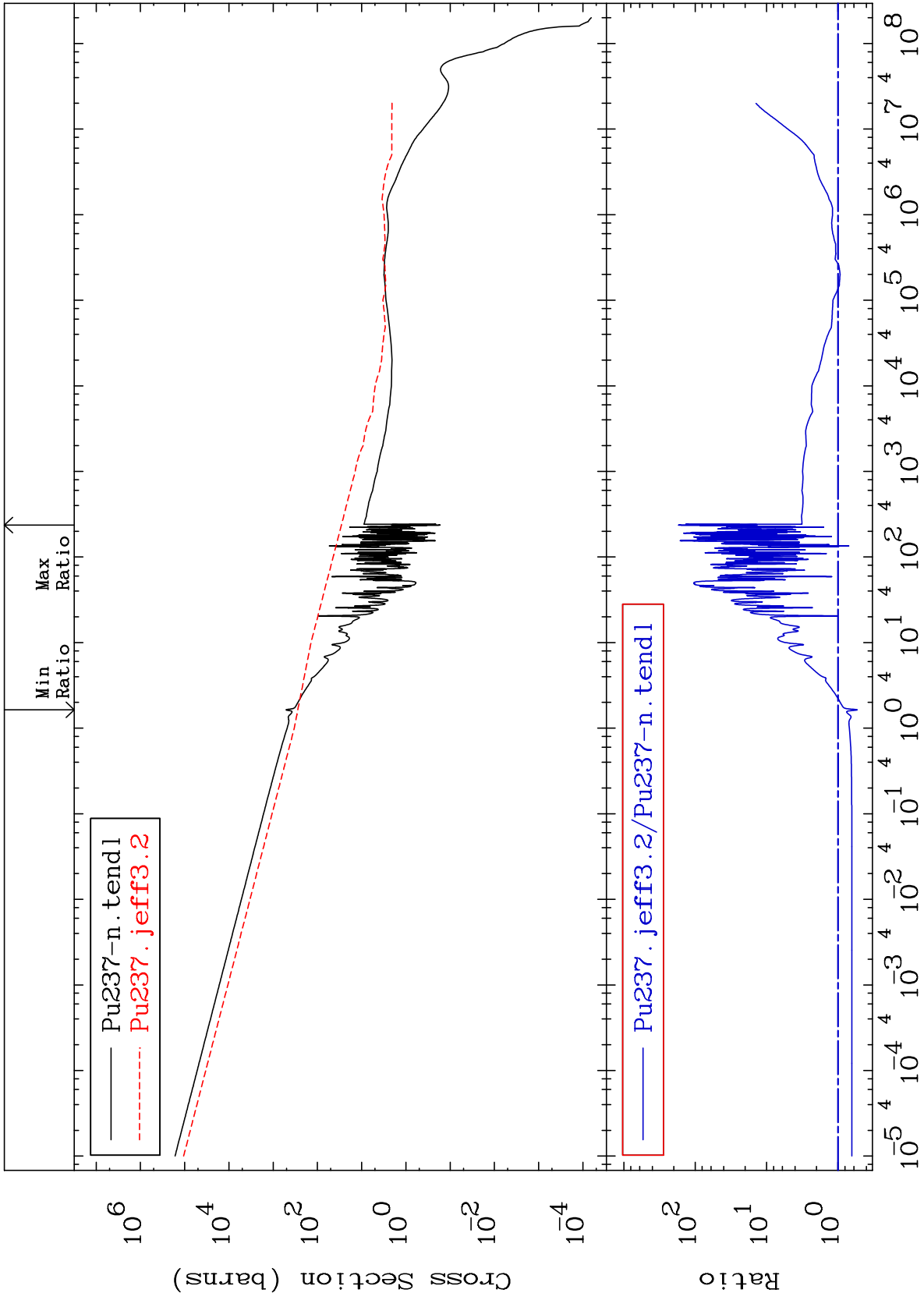
Incident Energy (eV)

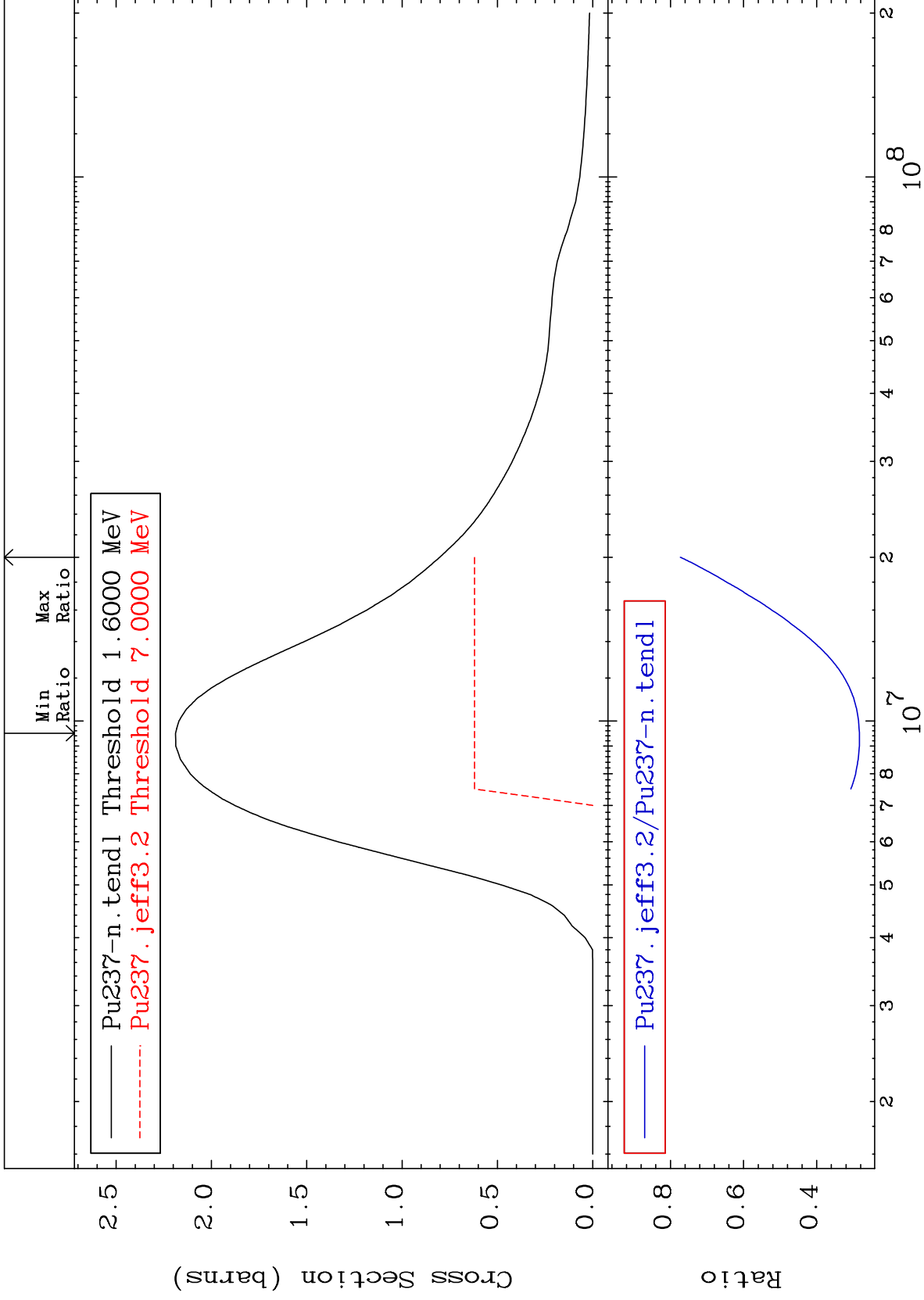
94-Pu-237

MAT 9431

(n,f) First Chance  
Cross Section

94-Pu-237  
-46.25 To 9999. %

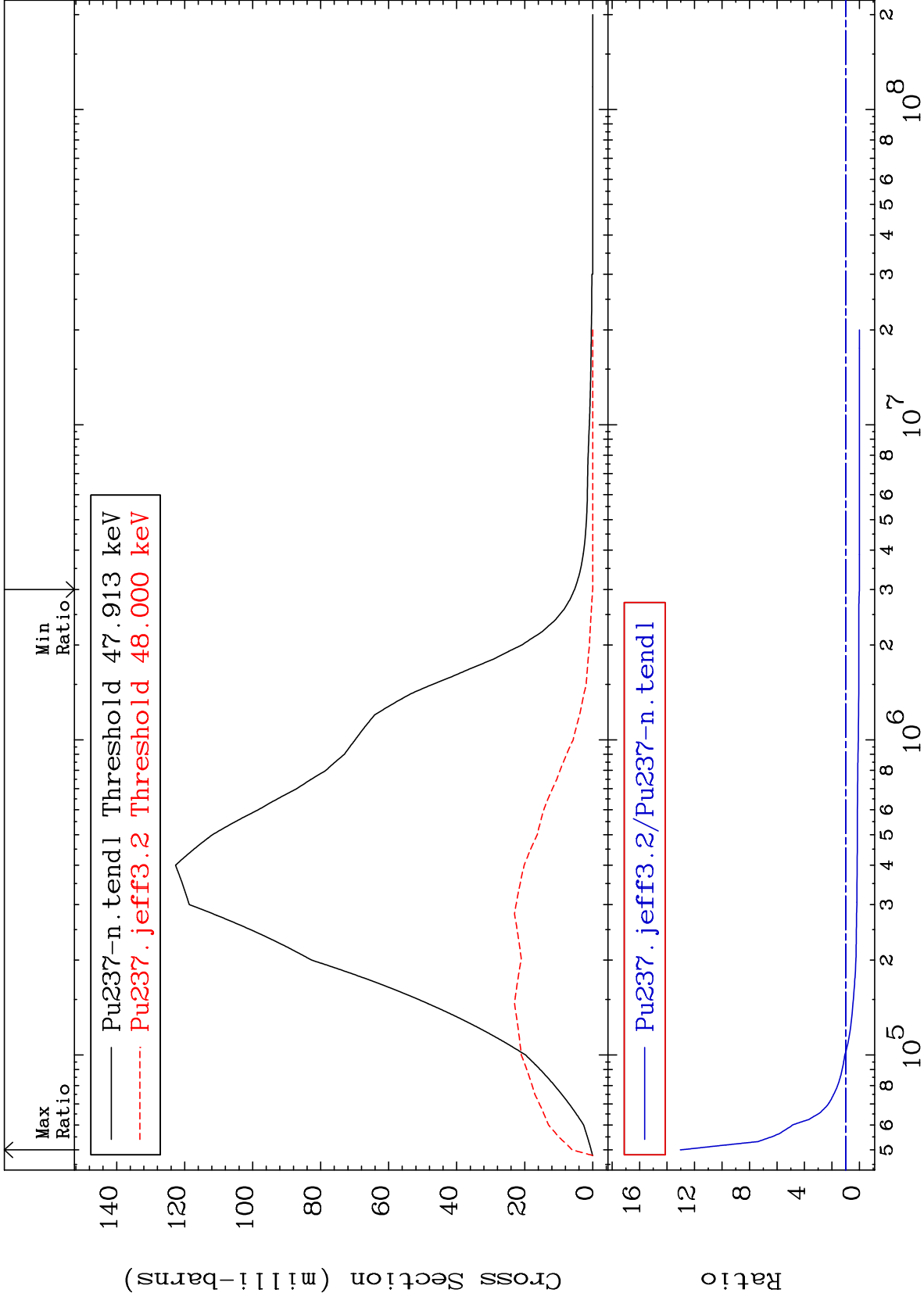




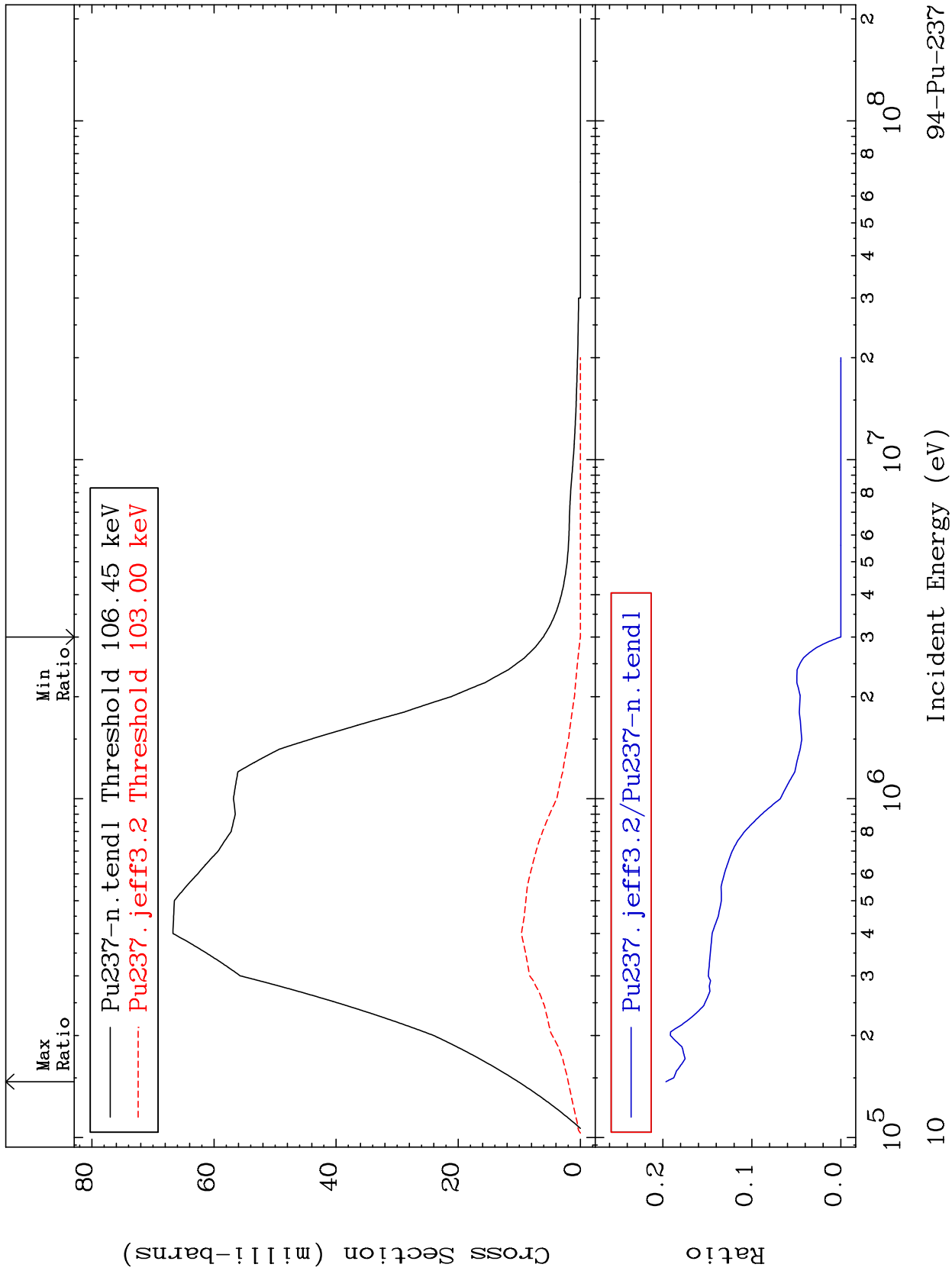
MAT 9431

47.71 keV (n,n') Level  
Cross Section

94-Pu-237  
-100.0 To 1203. %

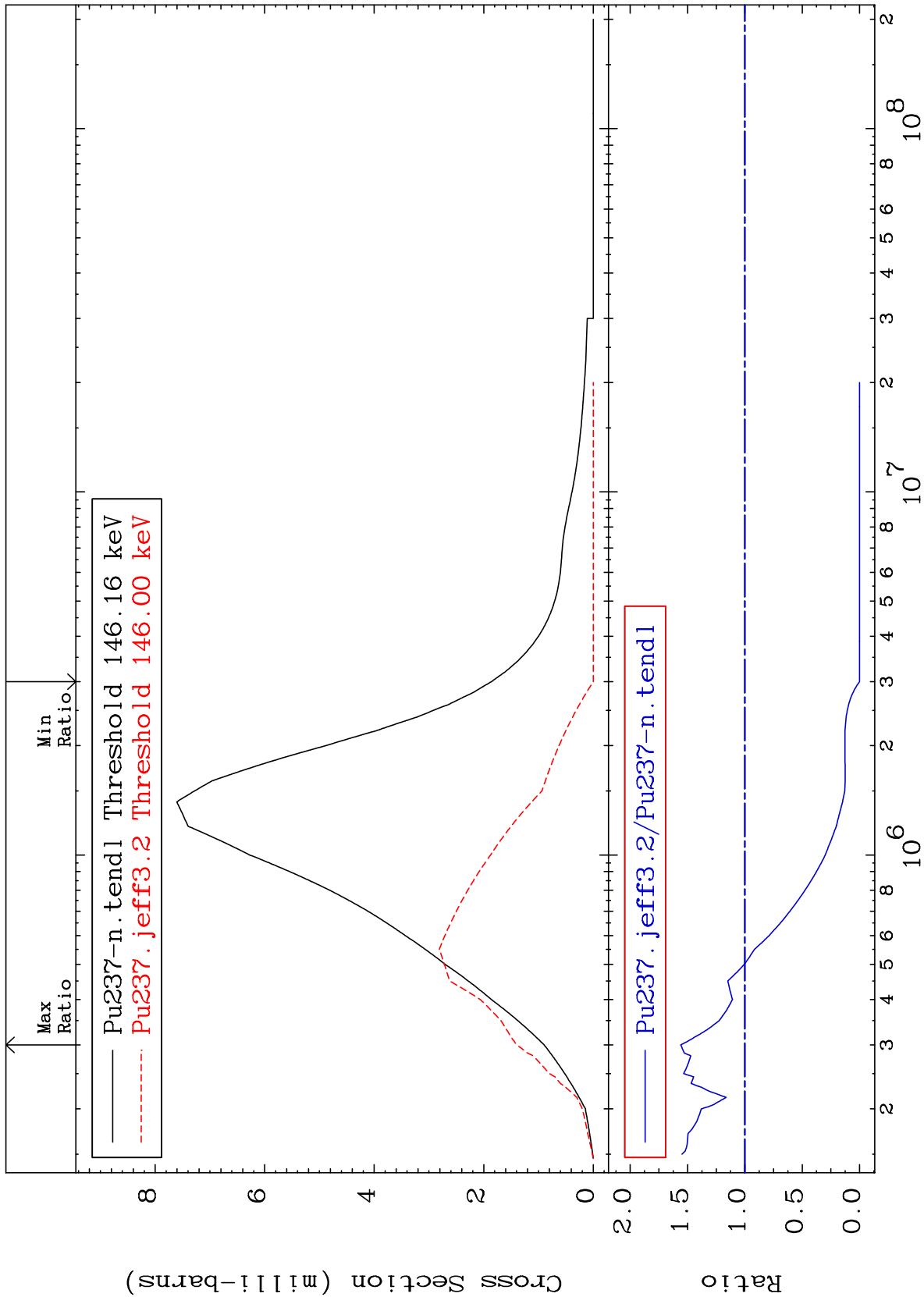


MAT 9431      106.0 keV (n,n') Level      94-Pu-237  
 Cross Section      -100.0 To -80.35%





MAT 9431      145.5 keV (n,n') Level      94-Pu-237  
 Cross Section      -100.0 To 55.92 %



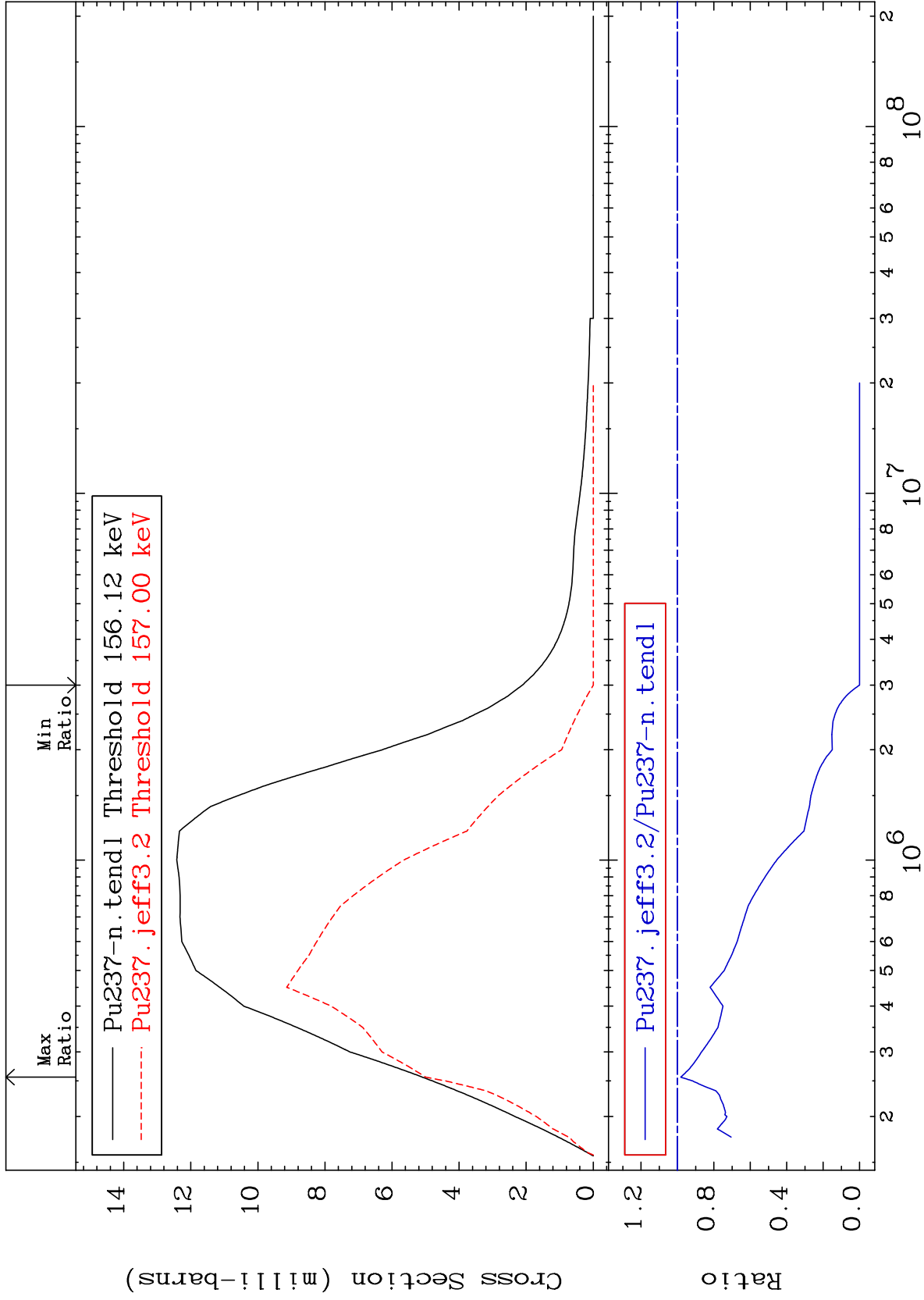
MAT 9431

155.5 keV (n,n') Level

94-Pu-237

-100.0 To -1.825%

Cross Section



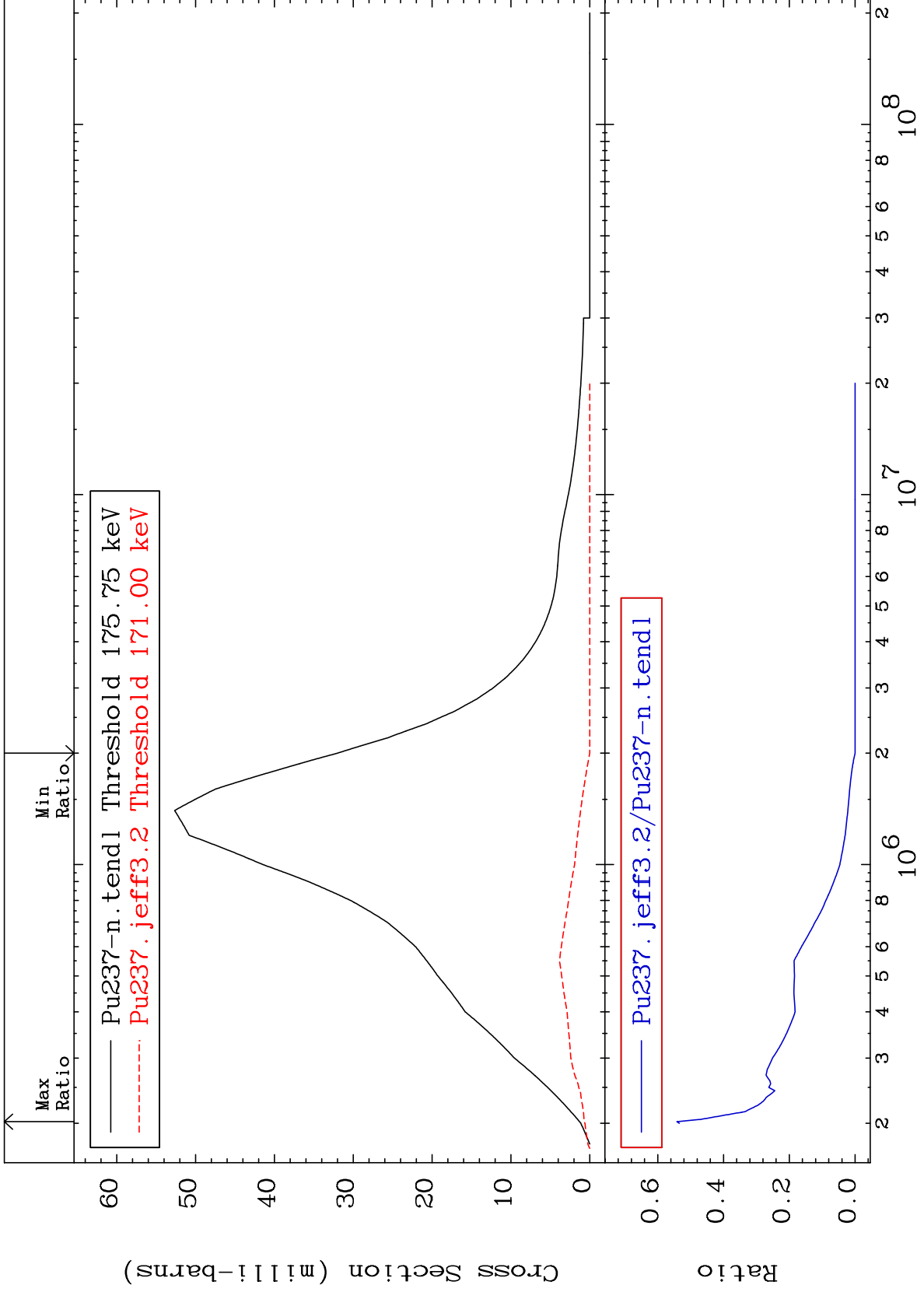
12

94-Pu-237

MAT 9431

175.0 keV (n,n') Level  
Cross Section

94-Pu-237  
-100.0 To -45.84%



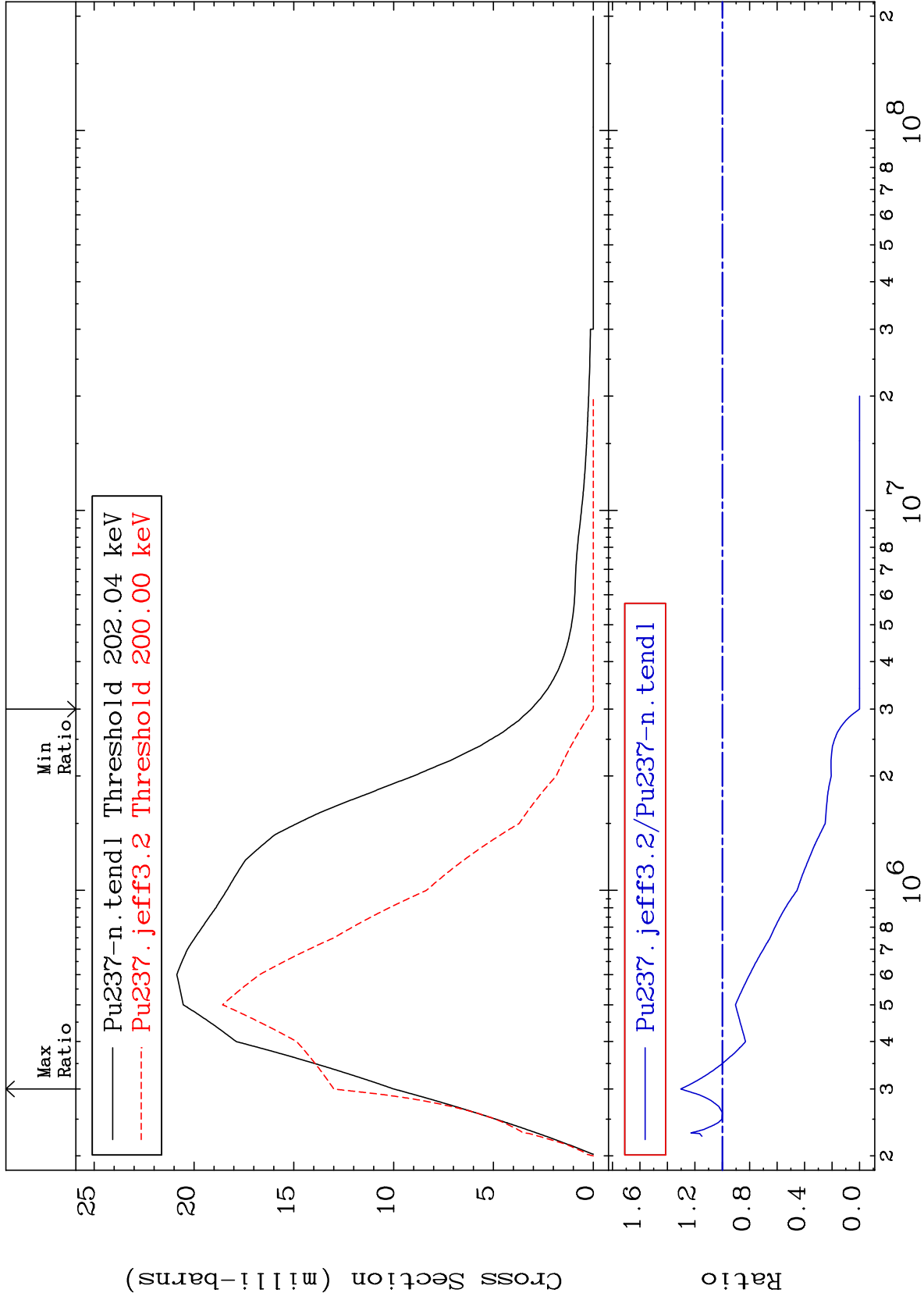
MAT 9431

201.2 keV (n,n') Level

94-Pu-237

Cross Section

-100.0 To 30.24 %



14

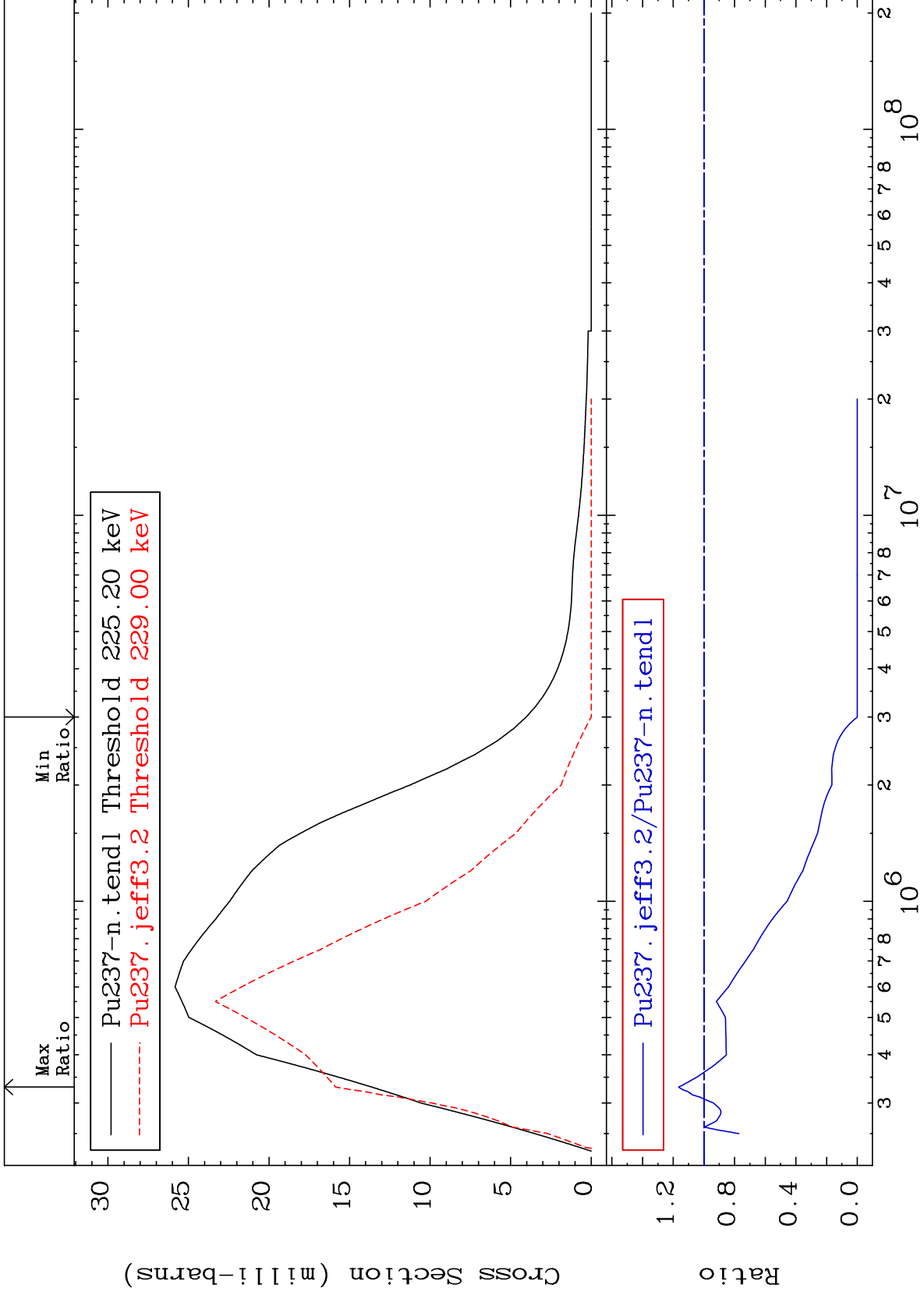
94-Pu-237

94-Pu-237

MAT 9431

224.2 keV (n,n') Level  
Cross Section

94-Pu-237  
-100.0 To 16.48 %



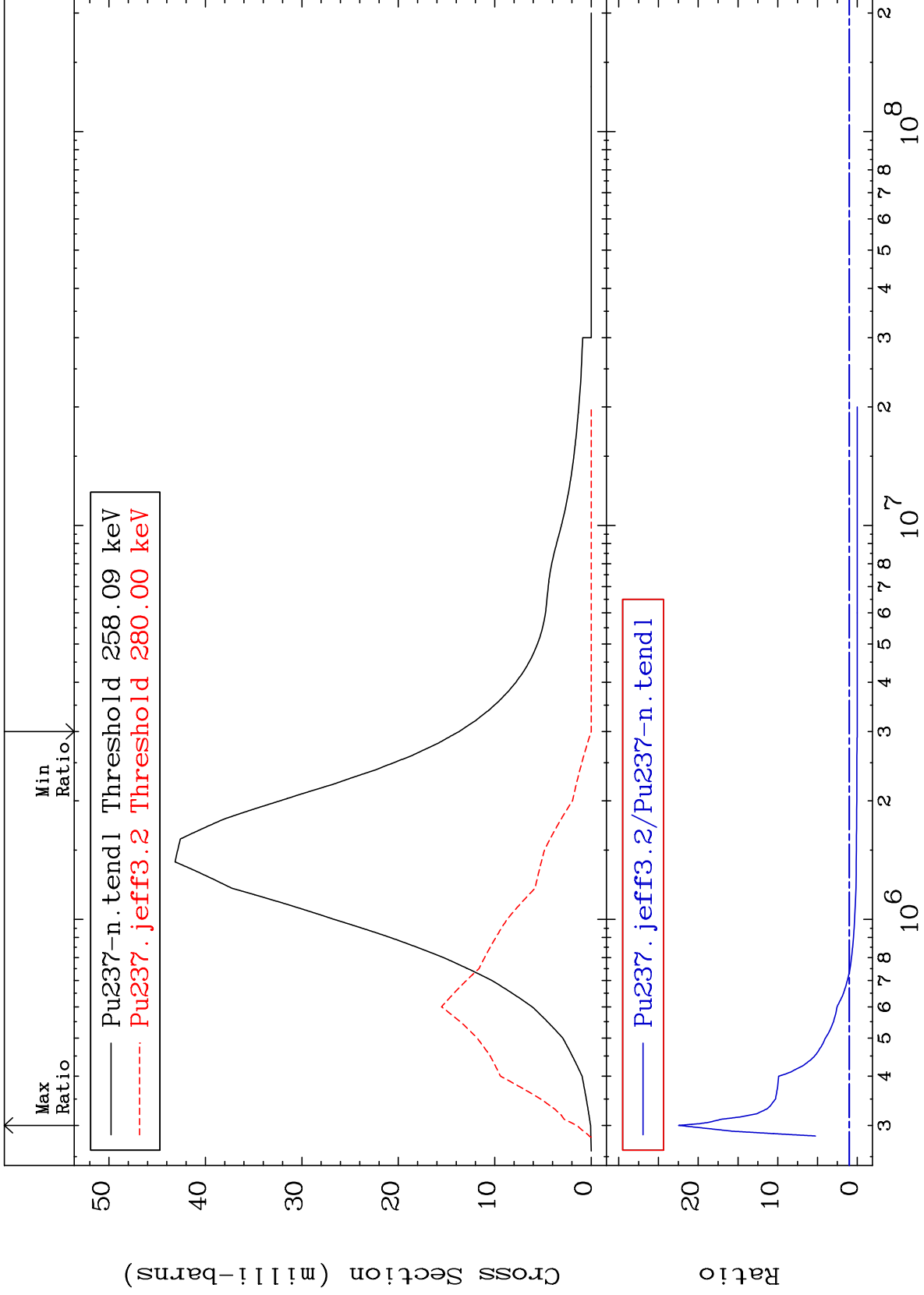
15

94-Pu-237

MAT 9431

257.0 keV (n,n') Level  
Cross Section

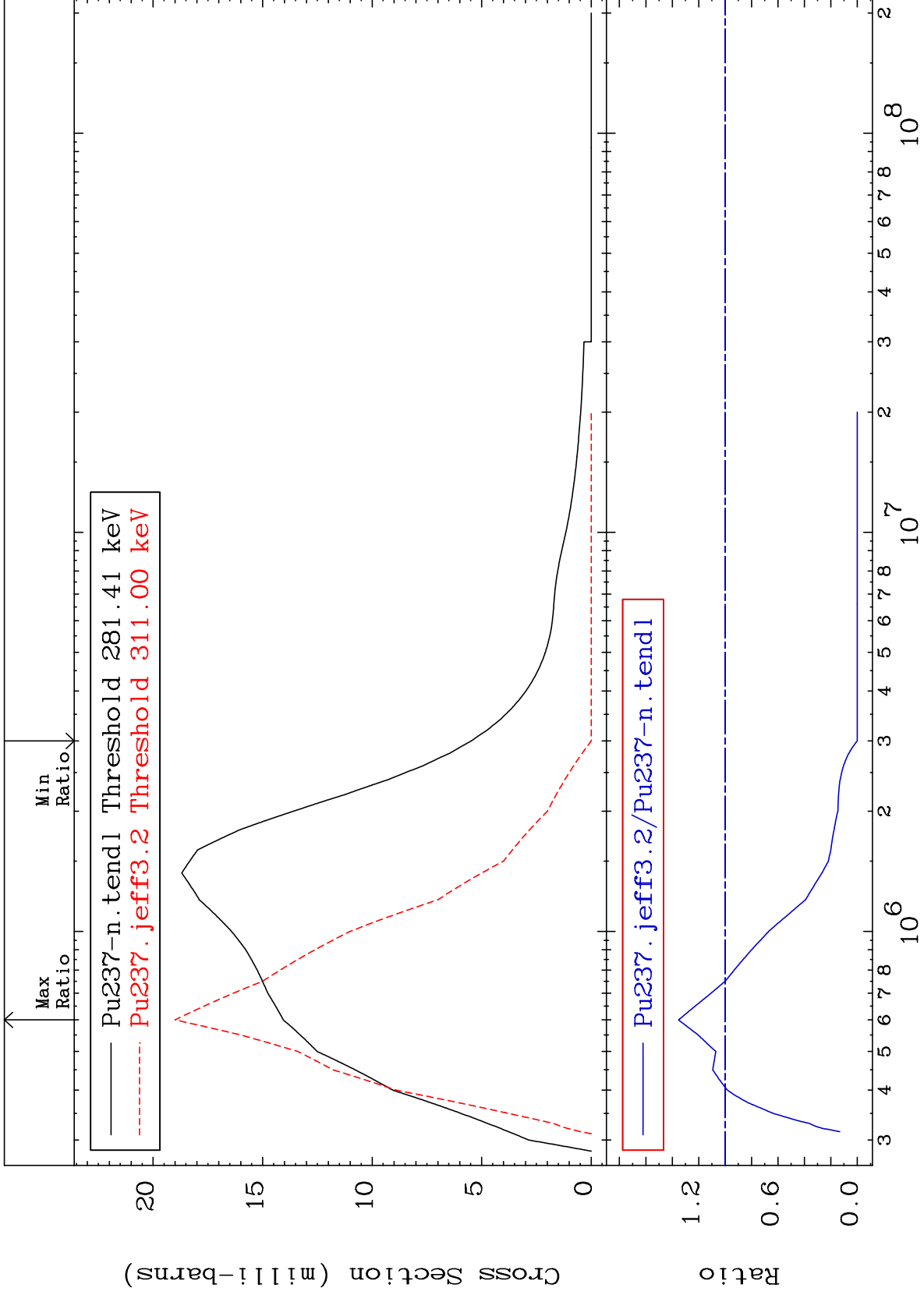
94-Pu-237  
-100.0 To 2147. %



MAT 9431

280.2 keV (n,n') Level  
Cross Section

94-Pu-237  
-100.0 To 35.18 %



17

94-Pu-237

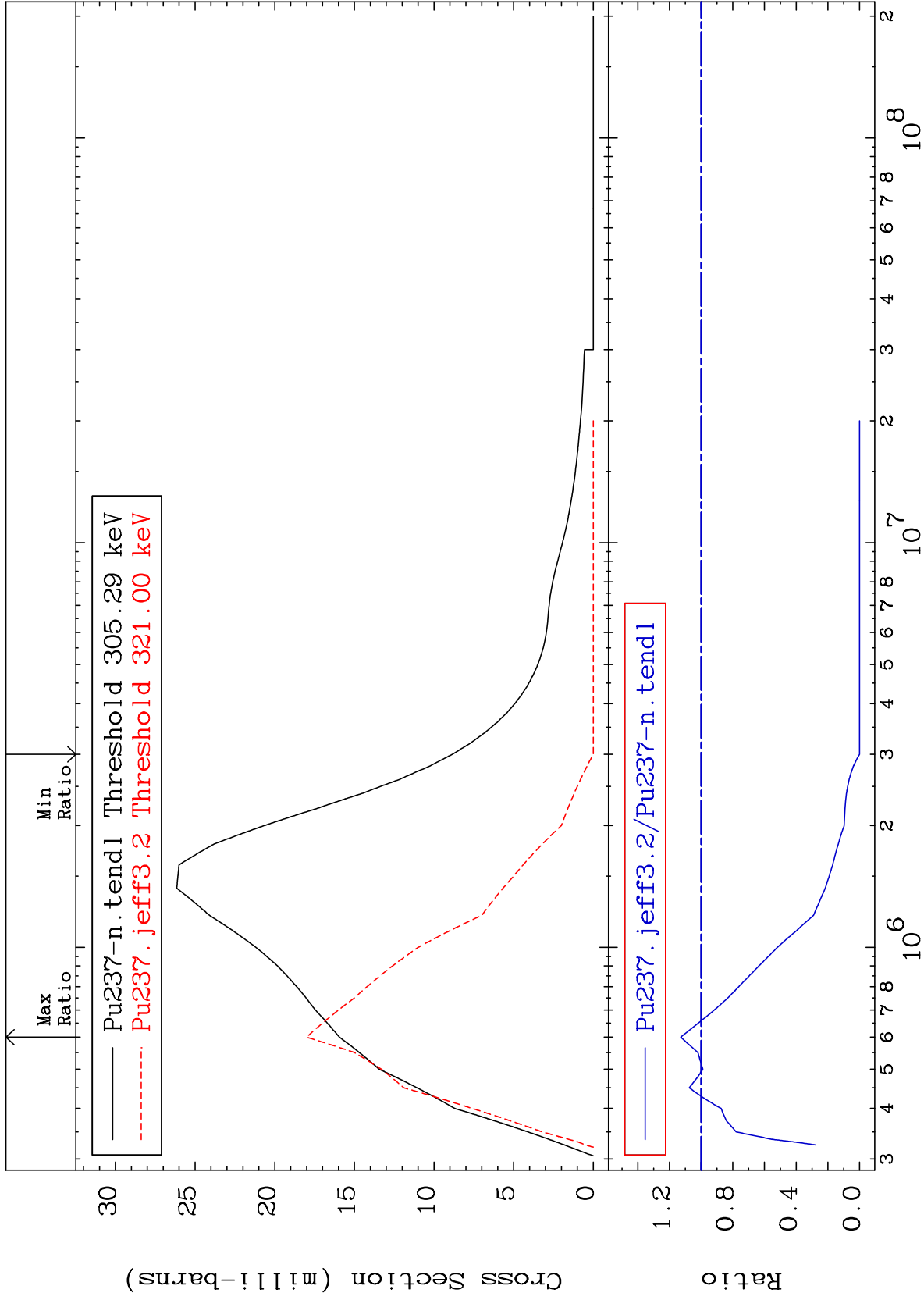
MAT 9431

304.0 keV (n,n') Level

94-Pu-237

-100.0 To 12.87 %

Cross Section



18

Incident Energy (eV)

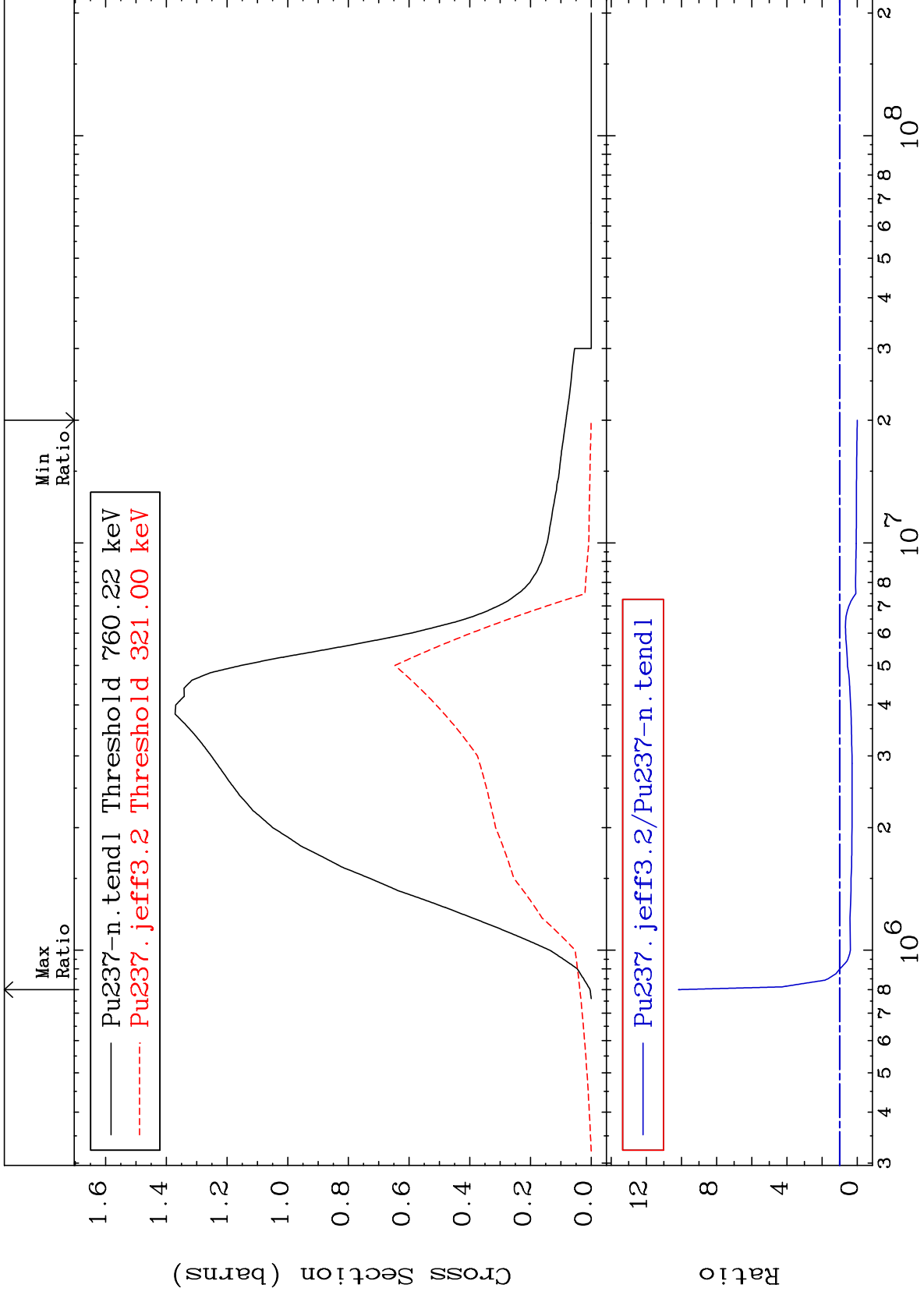
94-Pu-237



MAT 9431

(n, n') Continuum  
Cross Section

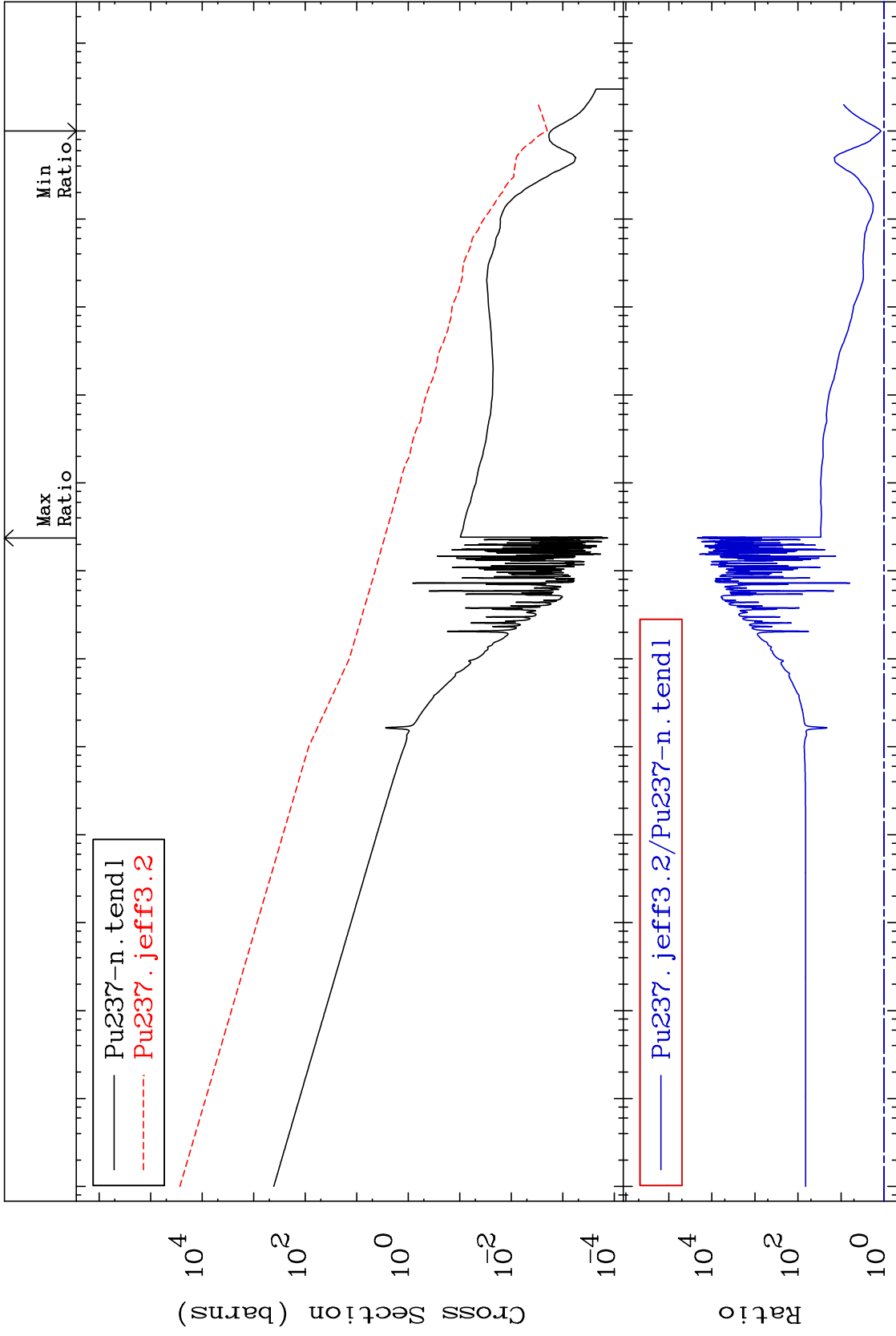
94-Pu-237  
-100.0 To 916.0 %



MAT 9431

(n,  $\gamma$ )  
Cross Section

94-Pu-237  
17.26 To 9999. %



20

Incident Energy (eV)

94-Pu-237

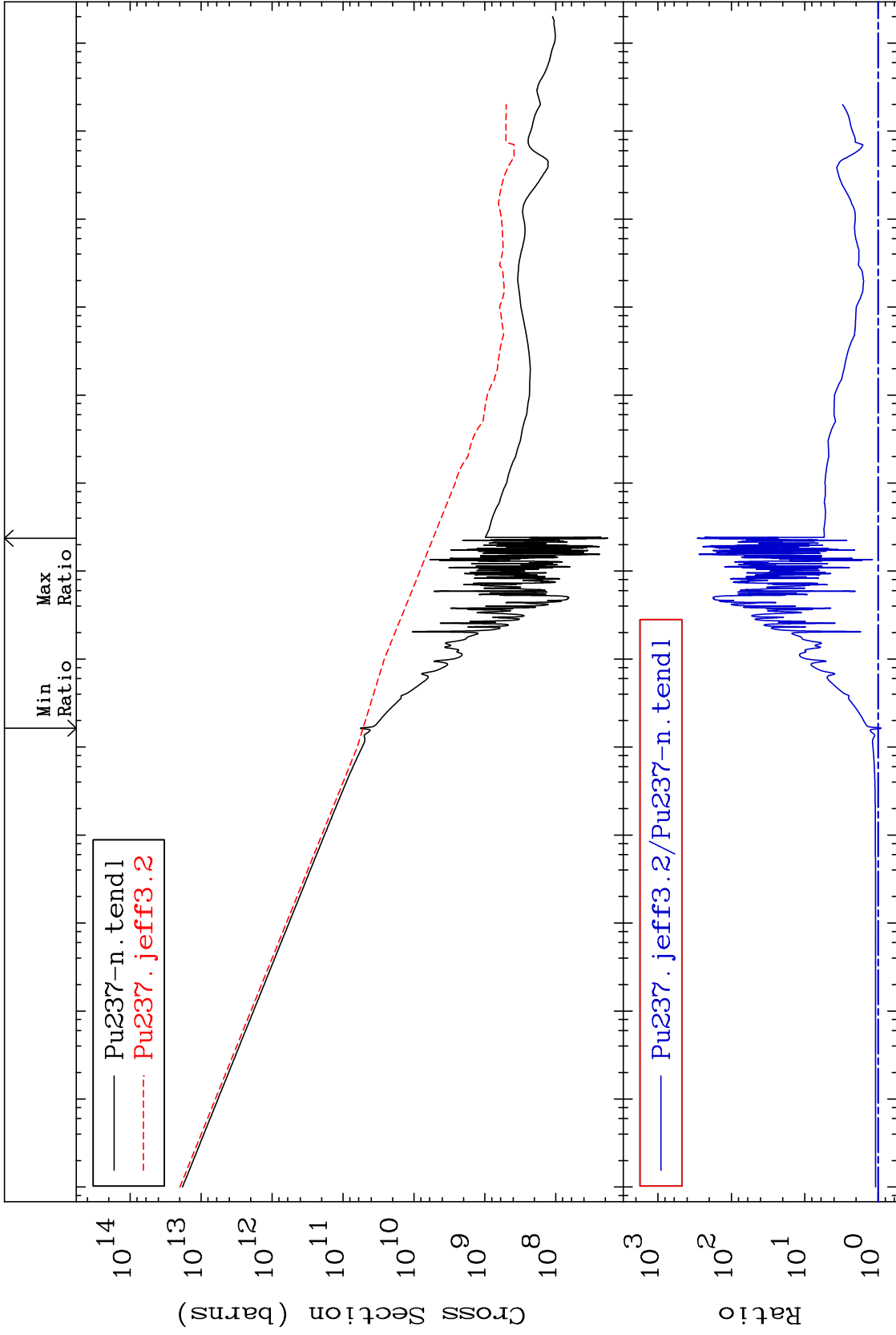
MAT 9431

Kerma total (eV-barns)

94-Pu-237

-8.779 To 9999. %

Cross Section



21

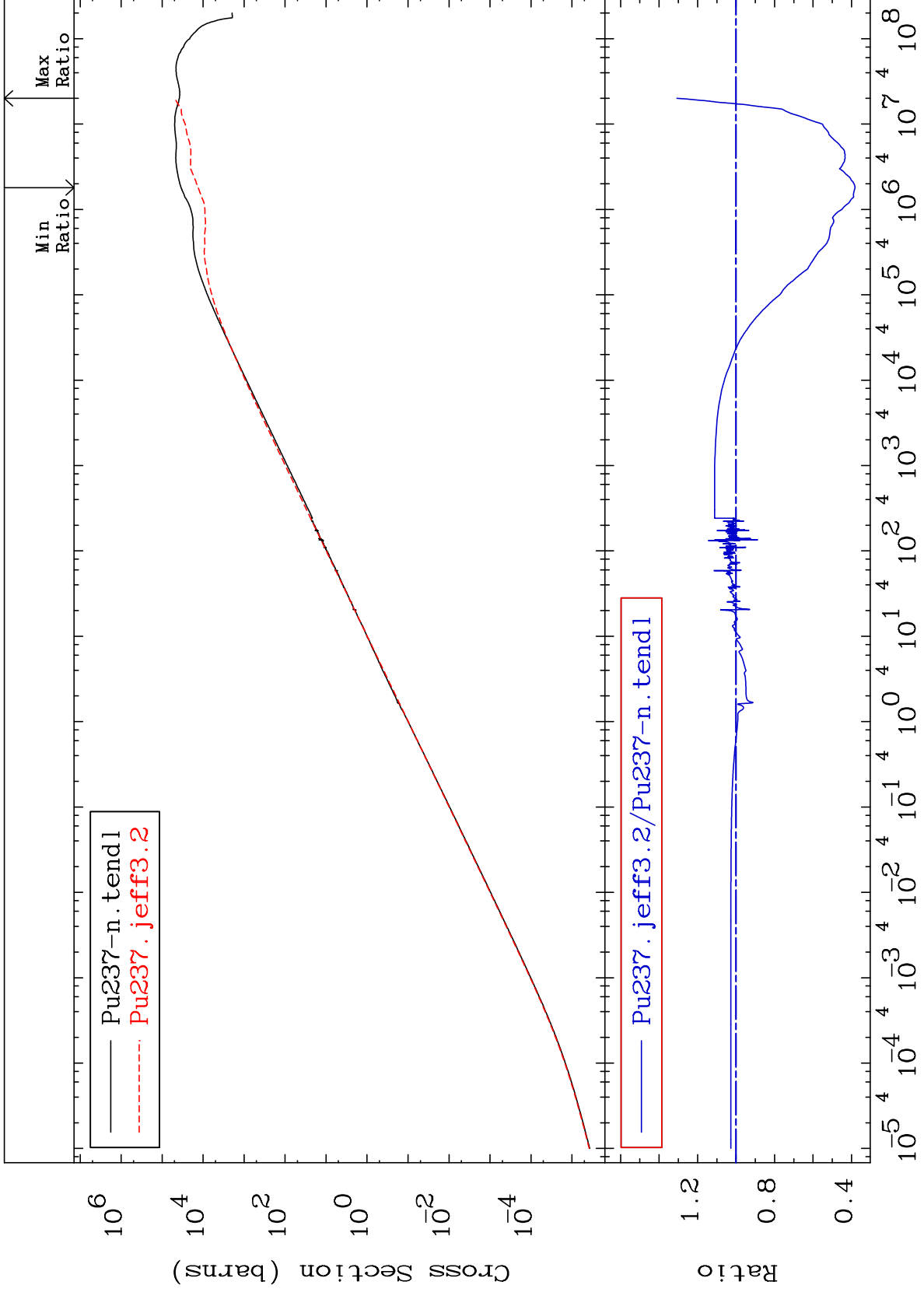
Incident Energy (eV)

94-Pu-237

MAT 9431

Kerma elastic  
Cross Section

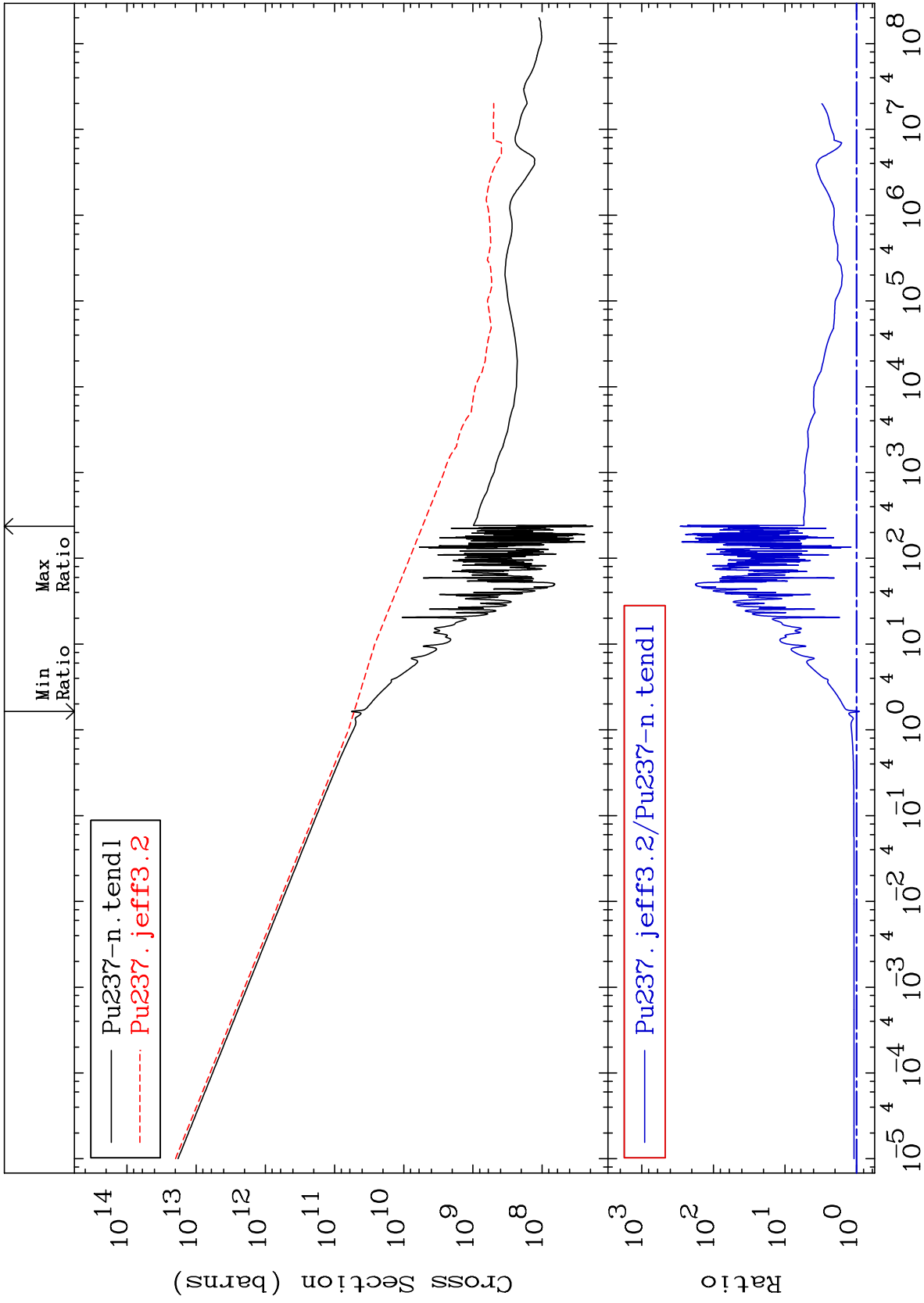
94-Pu-237  
-61.85 To 30.73 %



MAT 9431

Kerma non-elastic (all but mt2)  
Cross Section

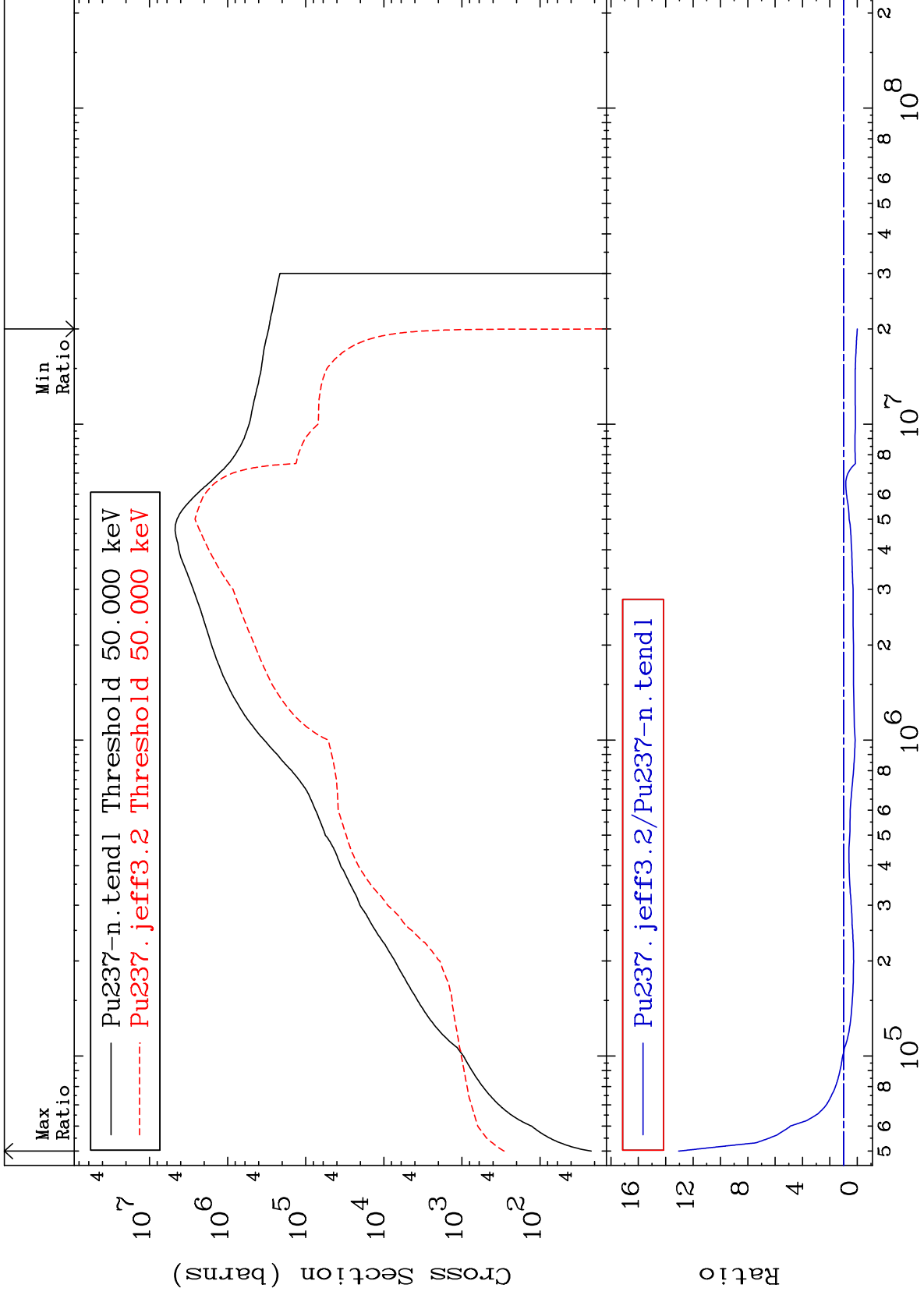
94-Pu-237  
-8.779 To 9999. %



MAT 9431

Kerma inelastic (mt51-91)  
Cross Section

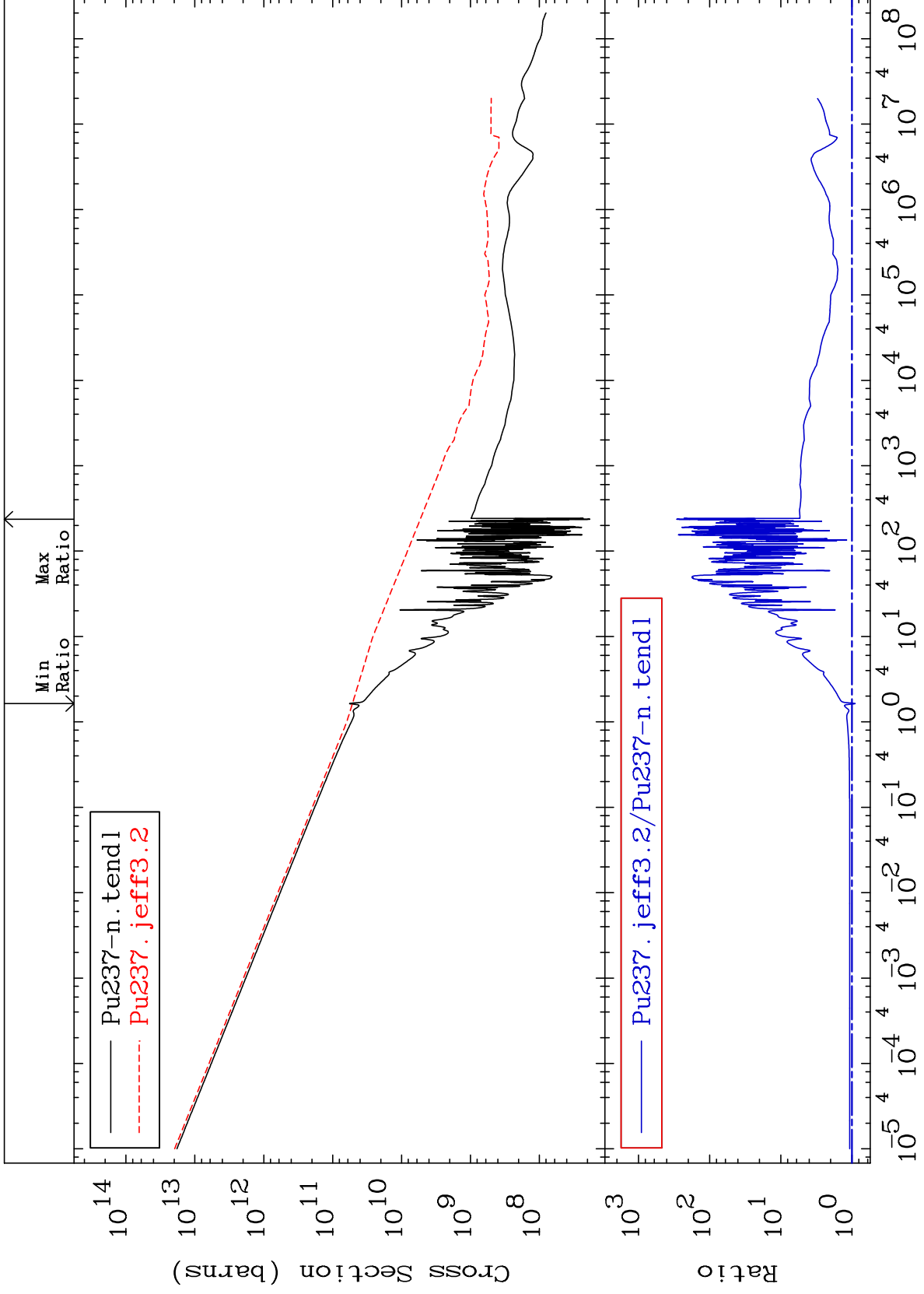
94-Pu-237  
-100.0 To 1205. %



MAT 9431

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

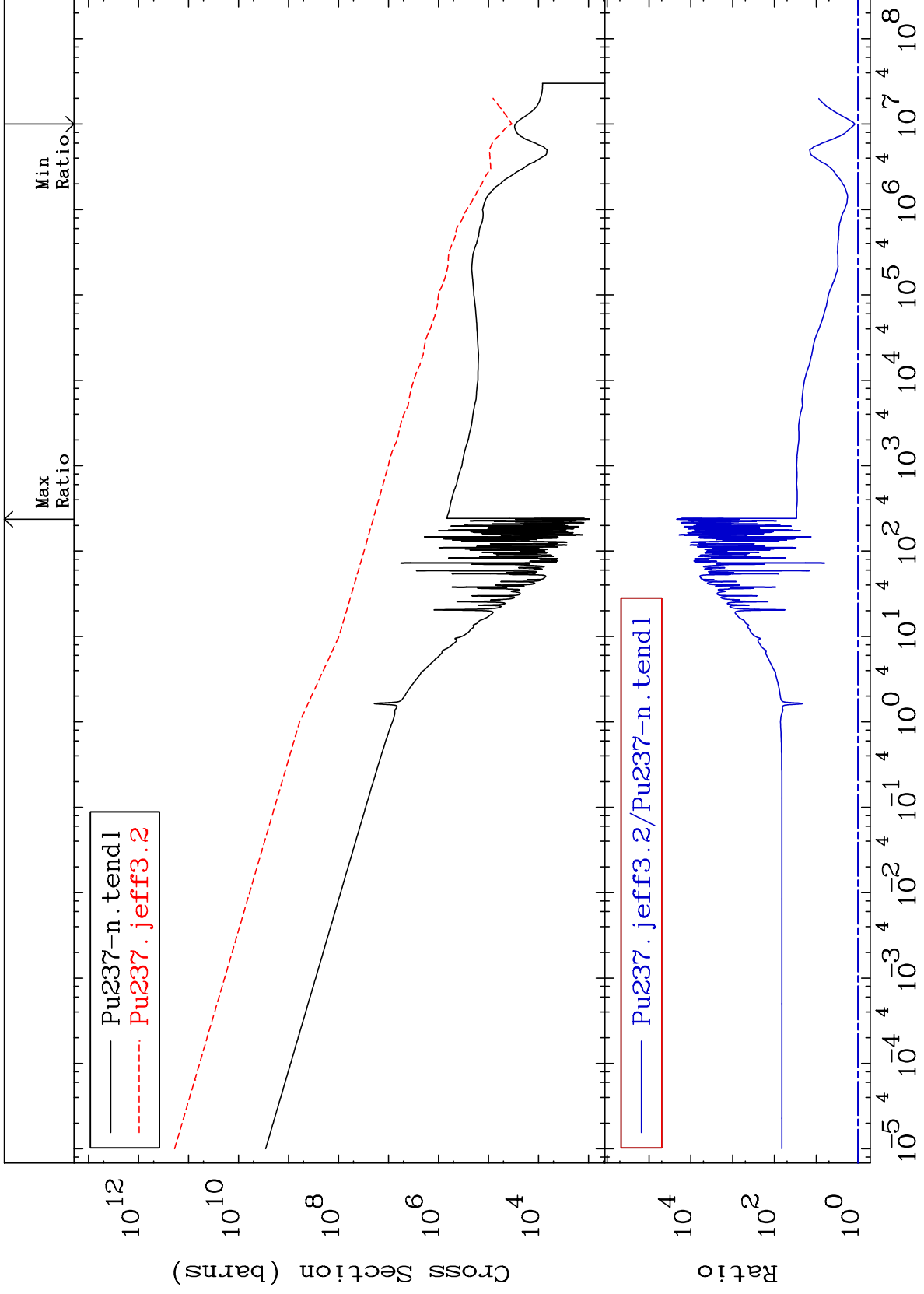
94-Pu-237  
-9.462 To 9999. %



MAT 9431

Kerma capture (mt102)  
Cross Section

94-Pu-237  
17.85 To 9999. %

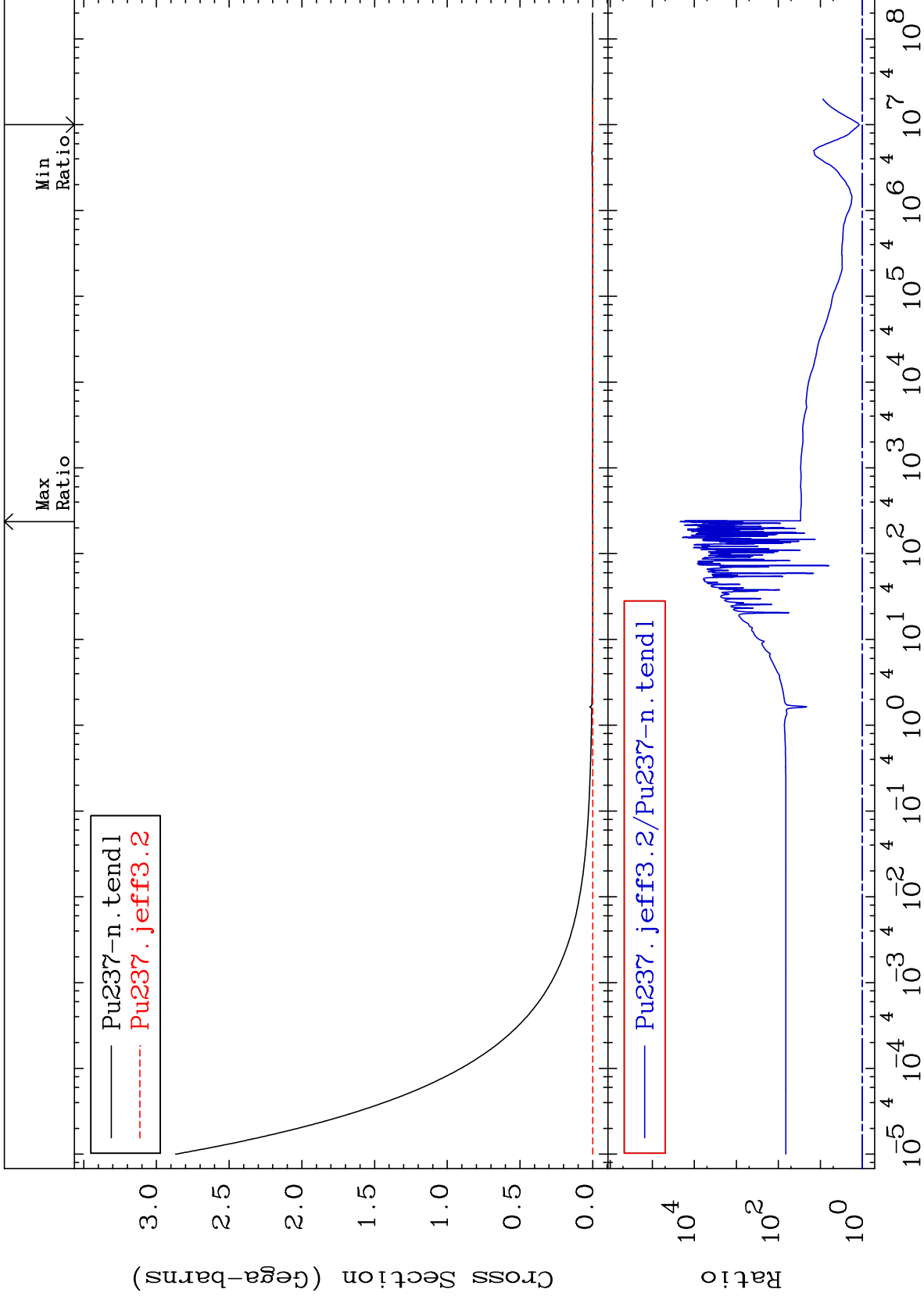




MAT 9431

Total photon (eV-barns)  
Cross Section

94-Pu-237  
17.85 To 9999. %



27

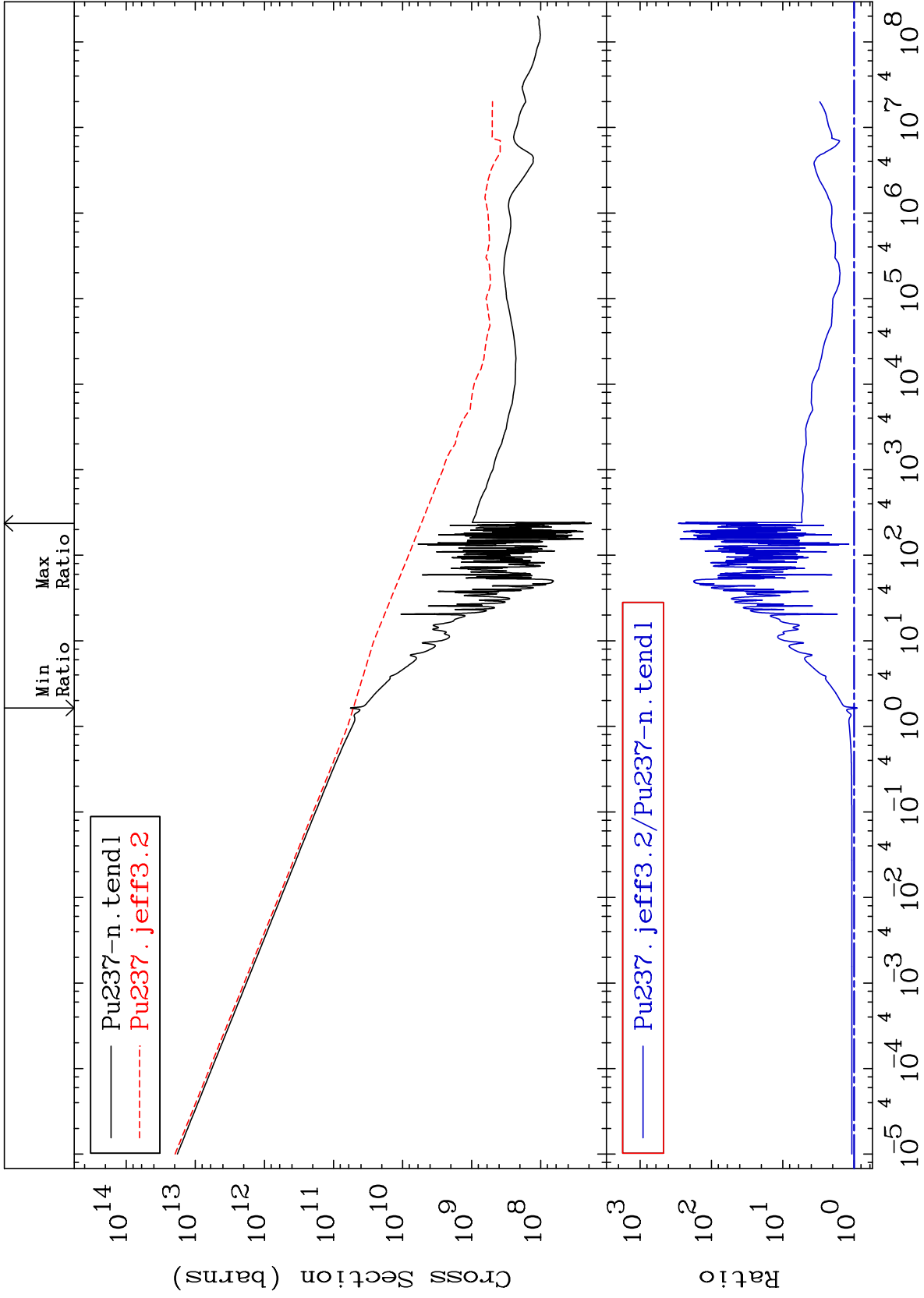
Incident Energy (eV)

94-Pu-237

MAT 9431

Total kinematic kerma (high limit)

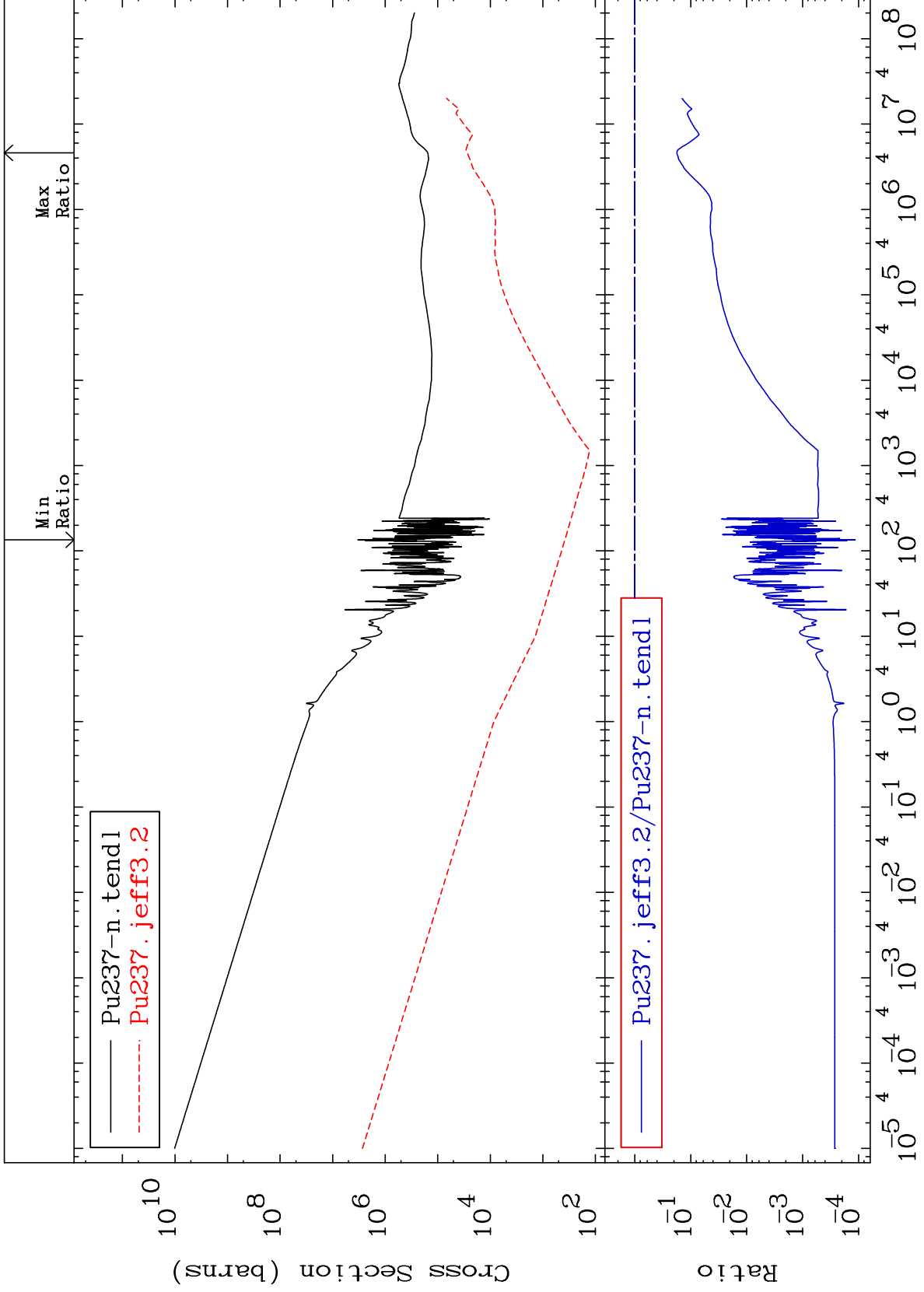
94-Pu-237  
-9.492 To 9999. %



MAT 9431

Dpa total (eV-barns)  
Cross Section

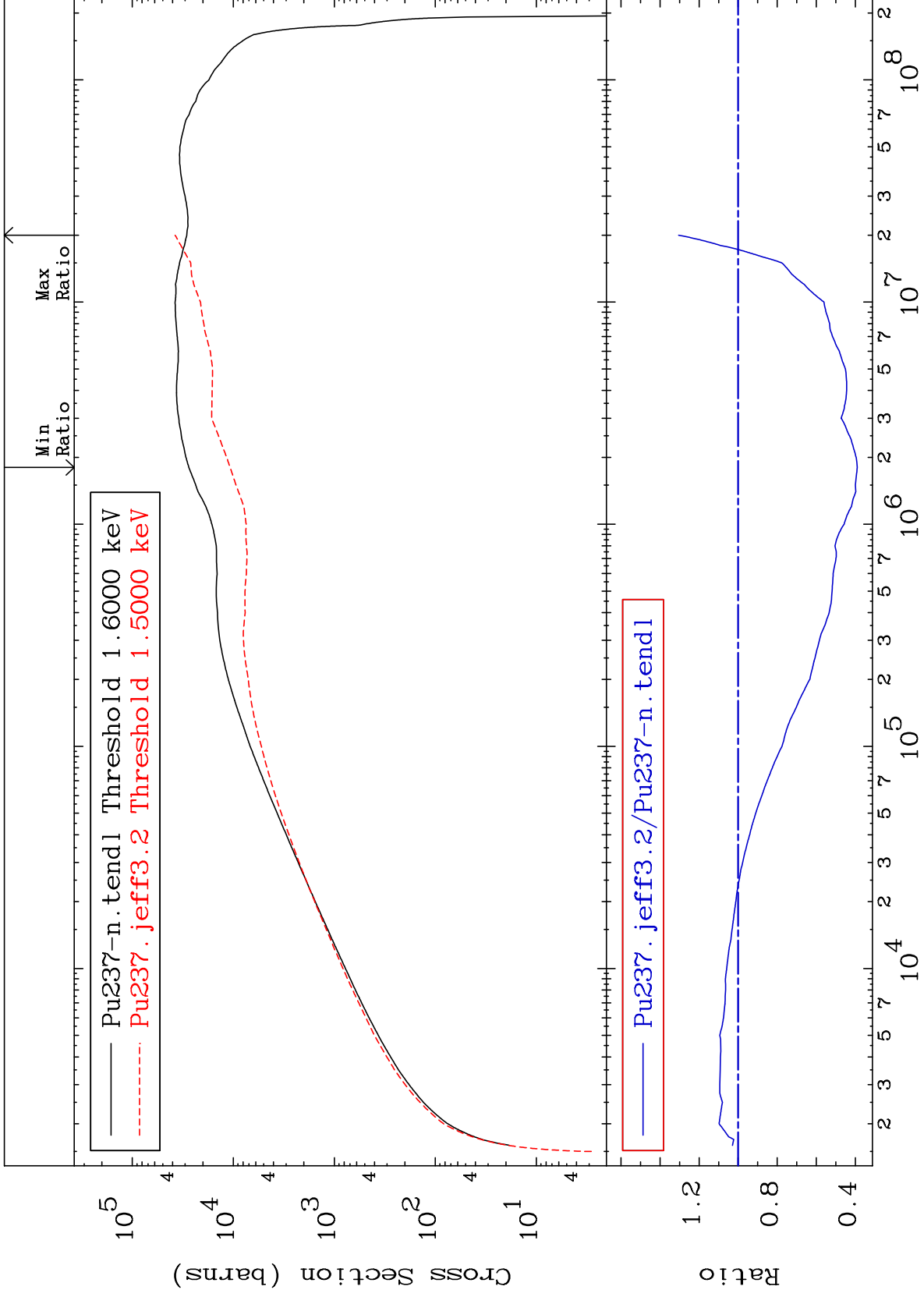
94-Pu-237  
-99.99 To -82.35%



MAT 9431

Dpa elastic (mt2)  
Cross Section

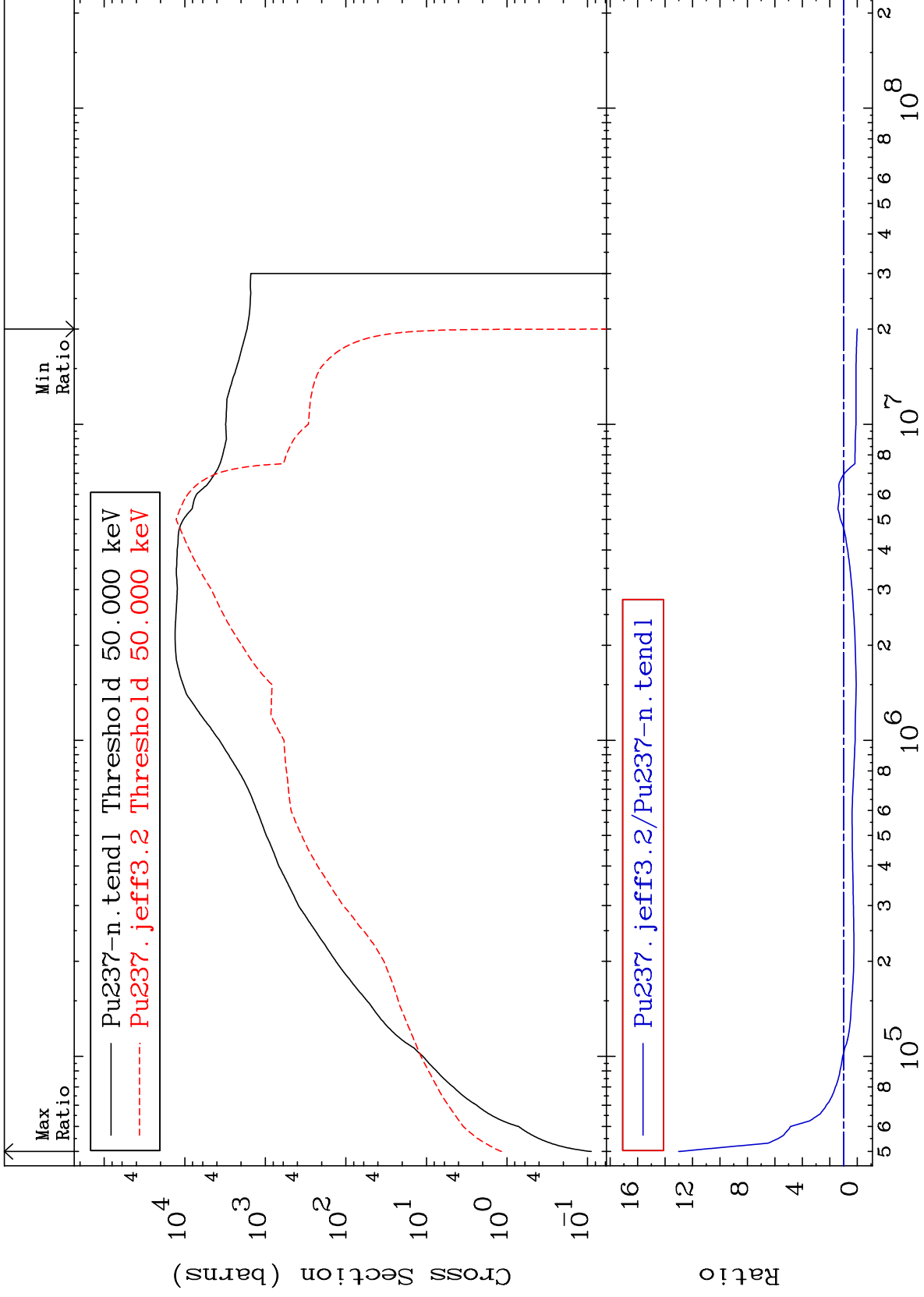
94-Pu-237  
-61.01 To 30.49 %



MAT 9431

Dpa inelastic (mt51-91)  
Cross Section

94-Pu-237  
-100.0 To 1201. %



MAT 9431

Dpa disappearance (mt102 -120)  
Cross Section

94-Pu-237  
-92.31 To 9999. %

