

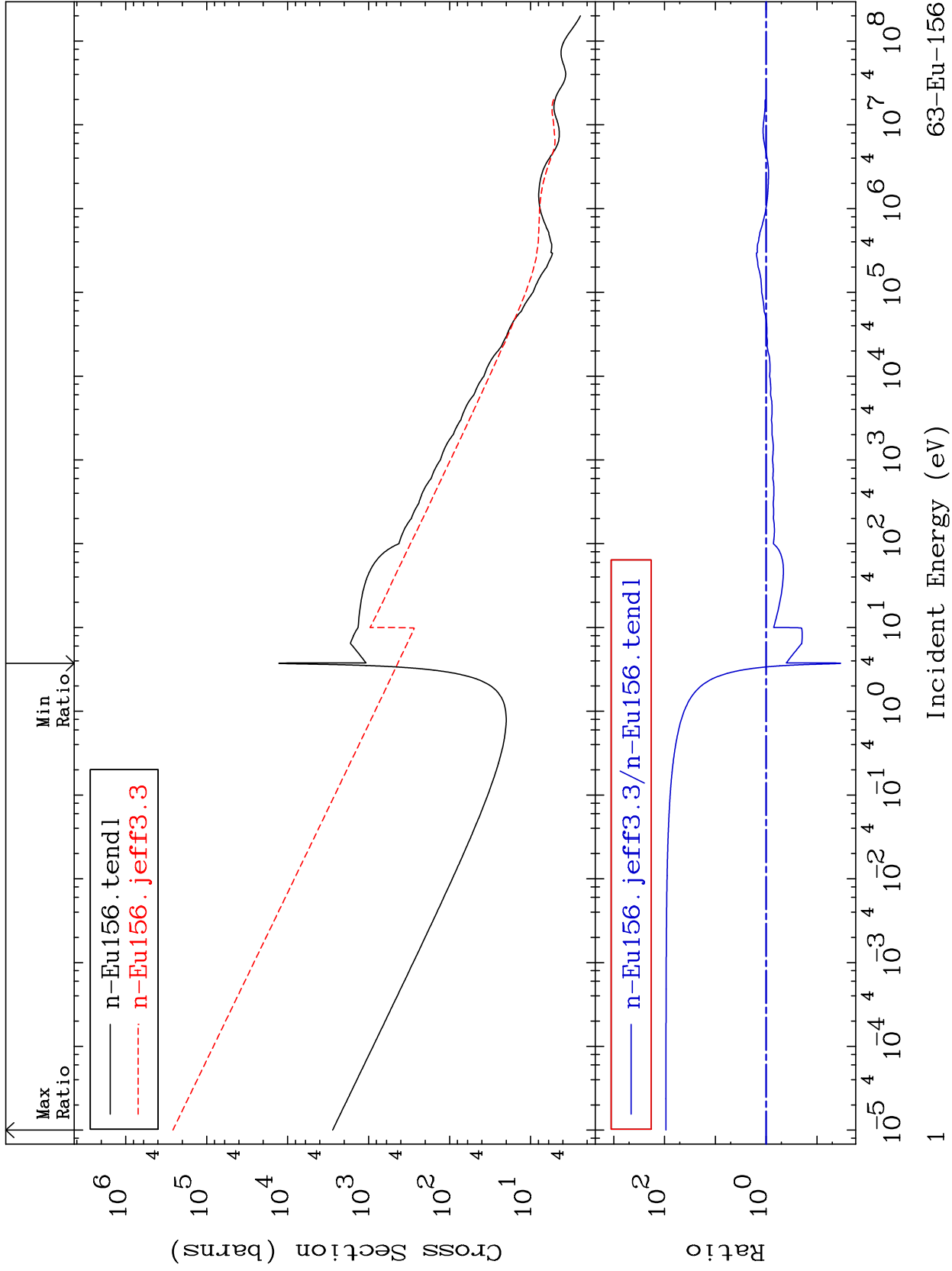
MAT 6340

Total

63-Eu-156

Cross Section

-96.60 To 9270. %



Incident Energy (eV)

63-Eu-156

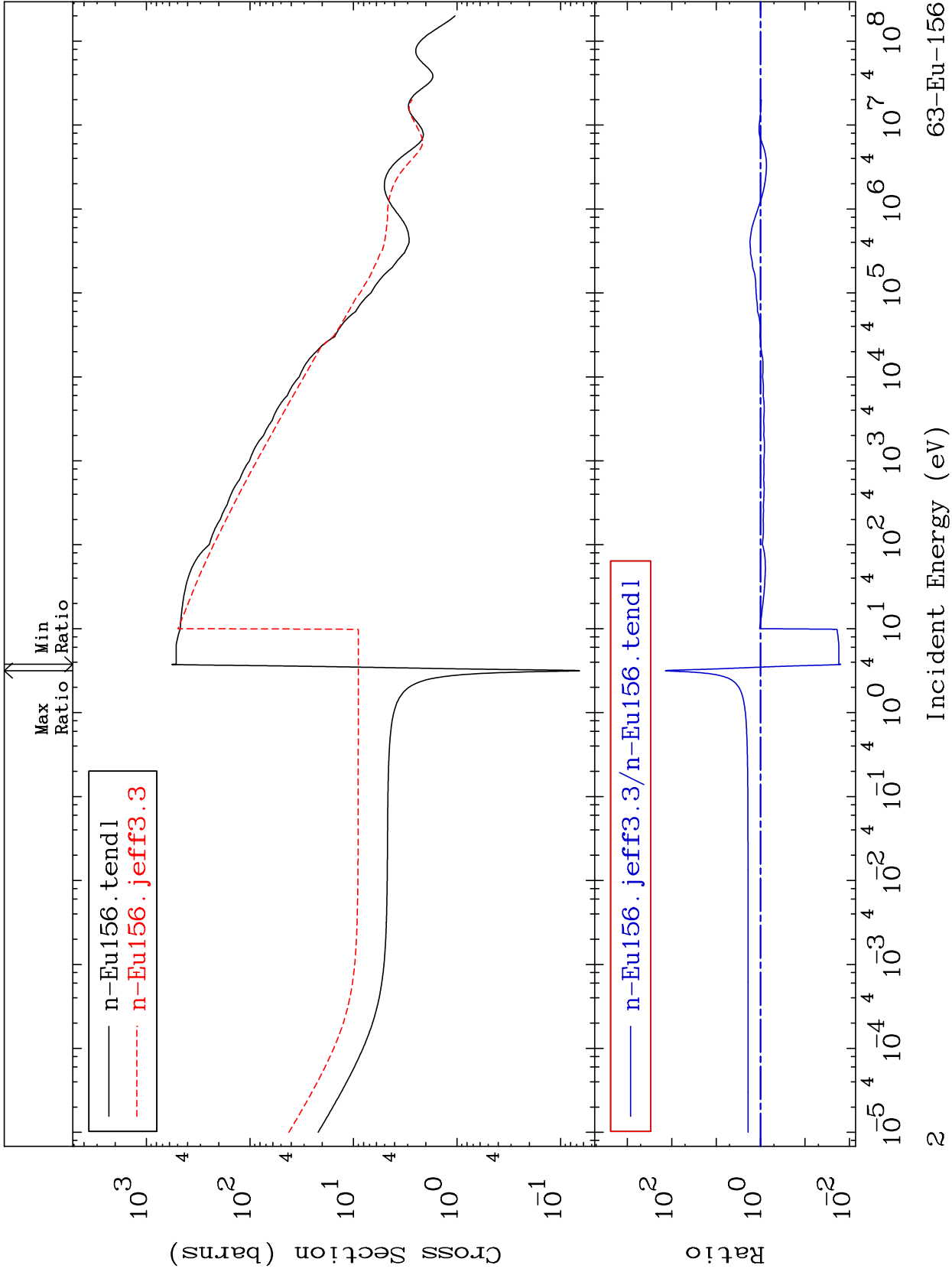
MAT 6340

Elastic

63-Eu-156

Cross Section

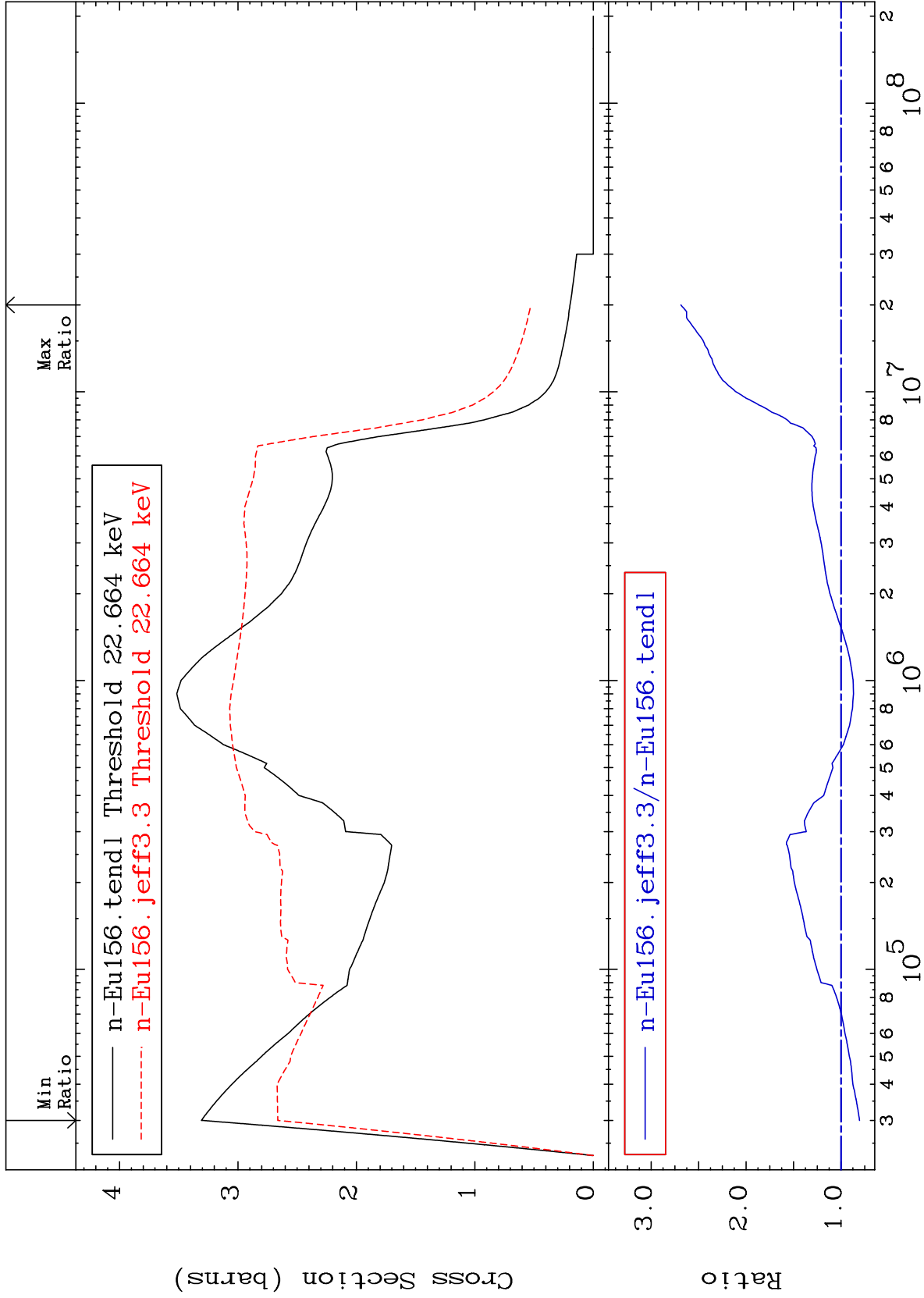
-98.42 To 9999. %



MAT 6340

Inelastic
Cross Section

63-Eu-156
-19.49 To 168.9 %



3

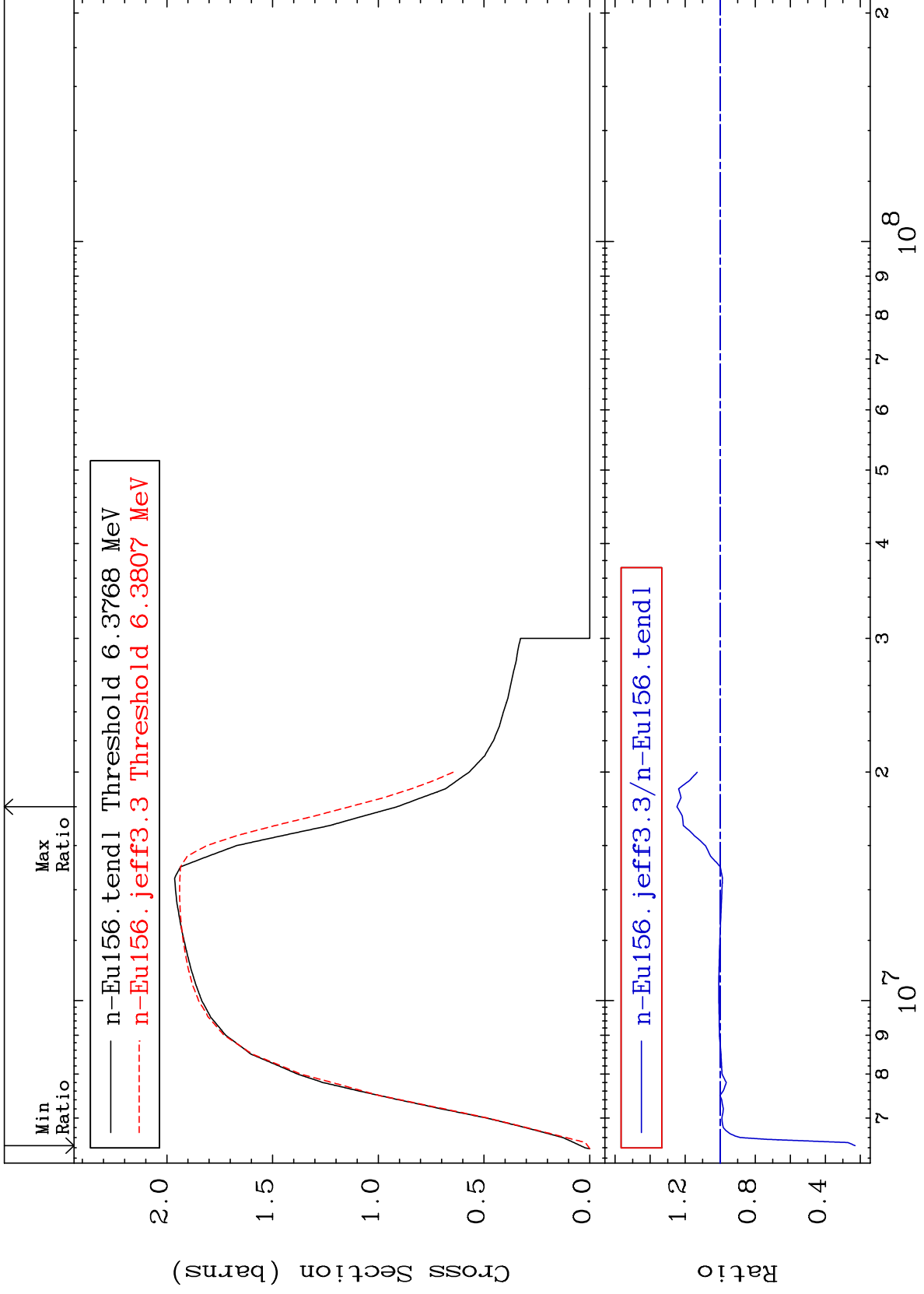
Incident Energy (eV)

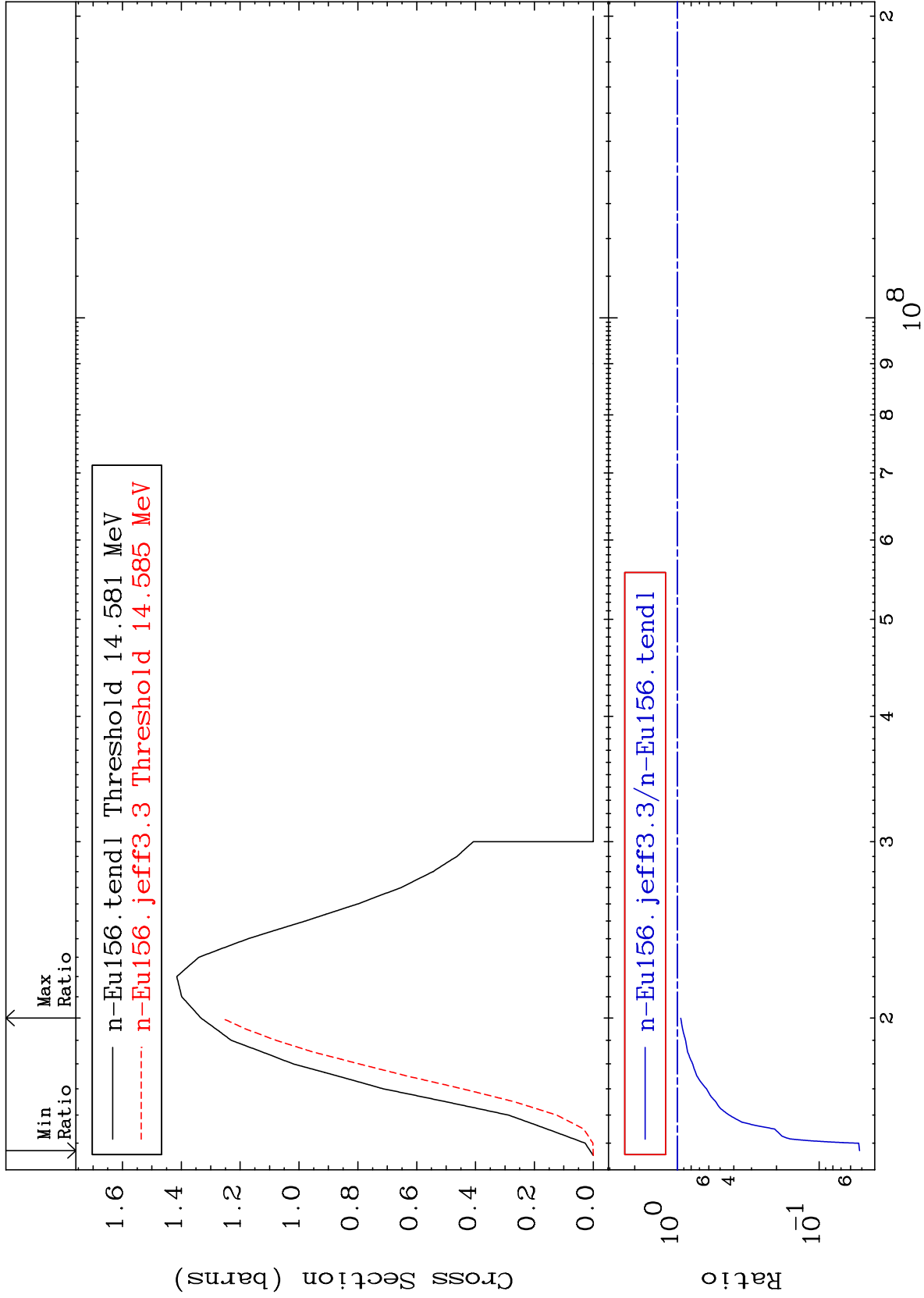
63-Eu-156

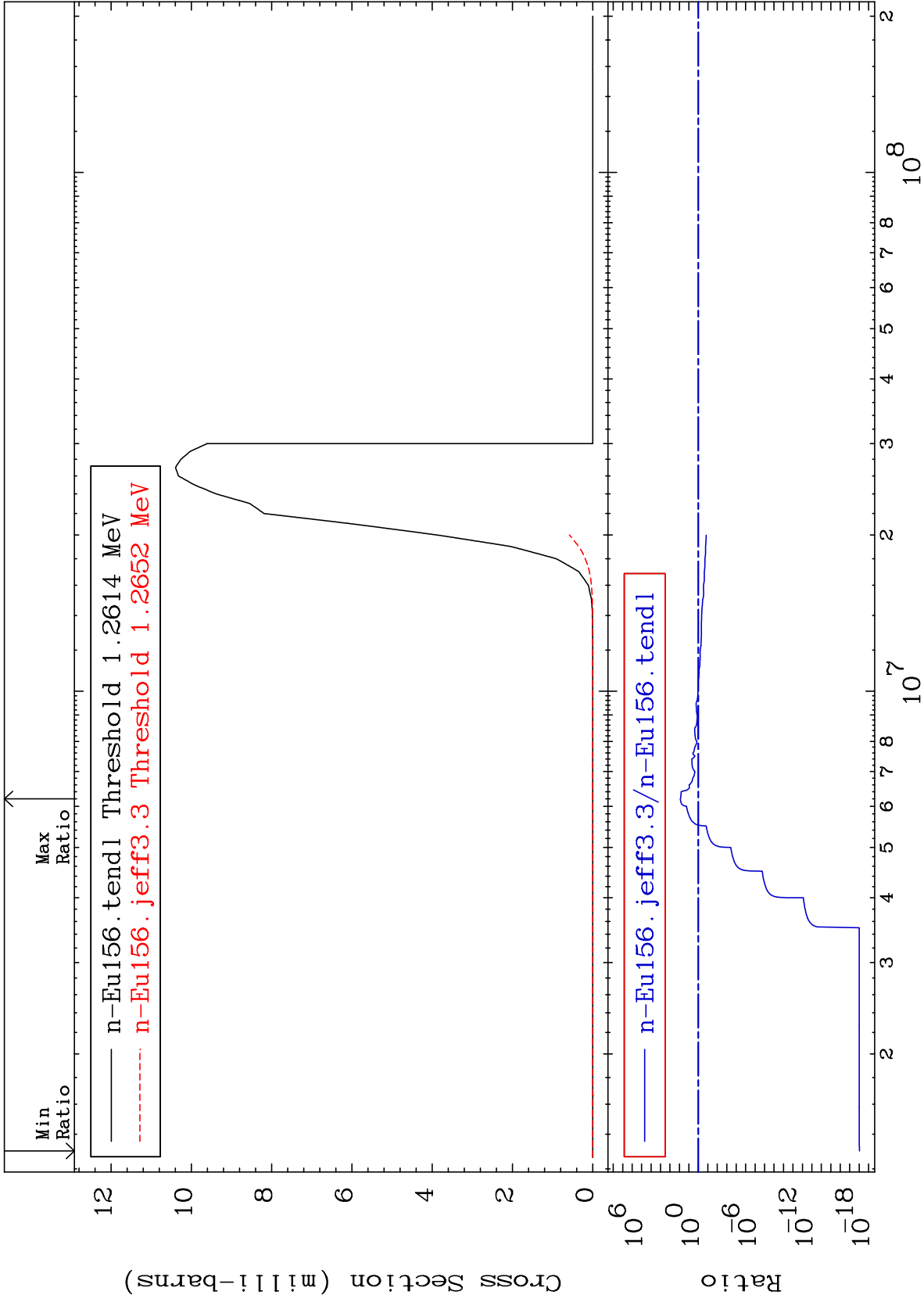
MAT 6340

(n,2n)
Cross Section

63-Eu-156
-76.99 To 24.72 %







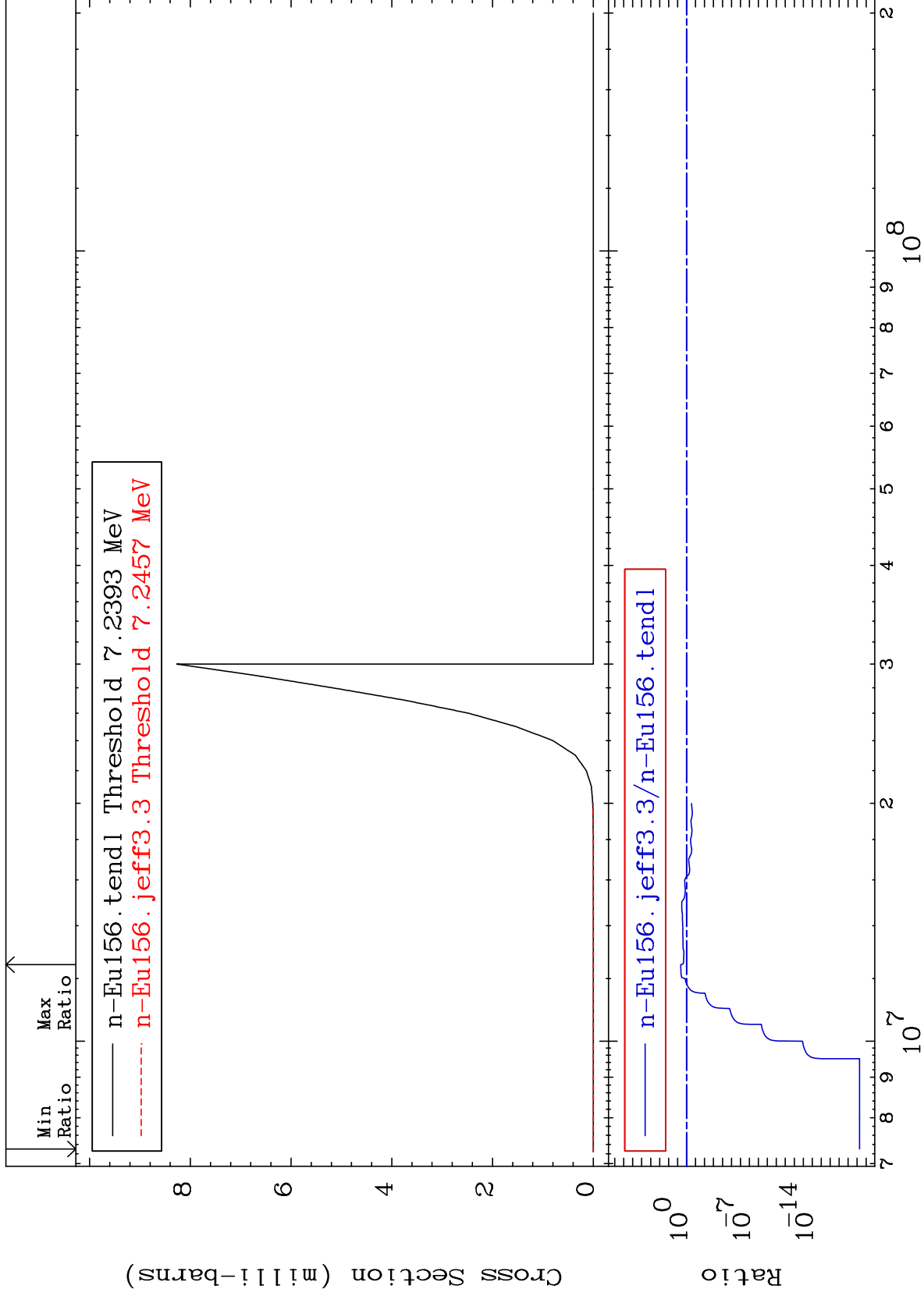
MAT 6340

(n,2n) α

63-Eu-156

Cross Section

-100.0 To 342.0 %



7

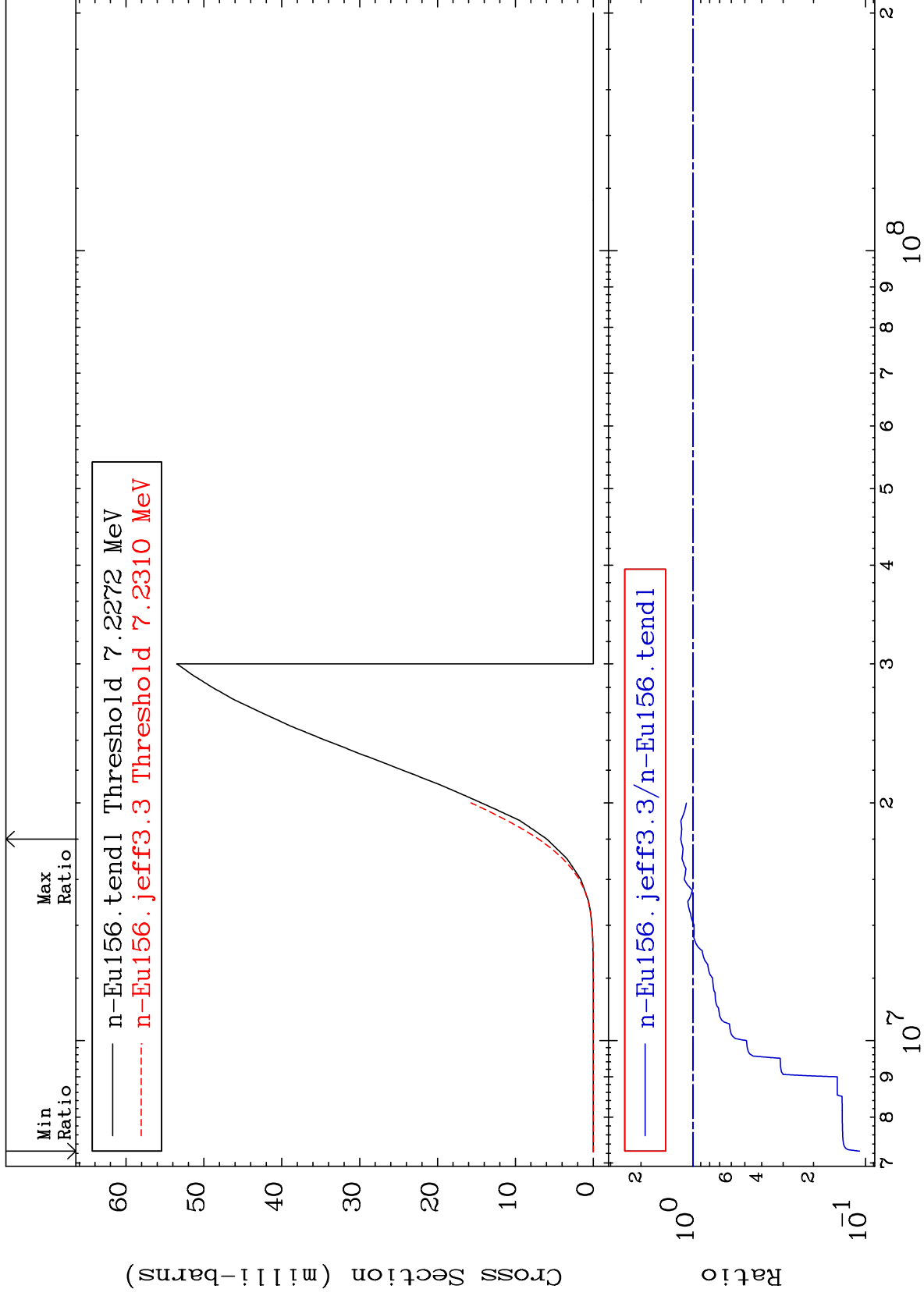
Incident Energy (eV)

63-Eu-156

MAT 6340

(n, n') p
Cross Section

63-Eu-156
-89.16 To 17.56 %



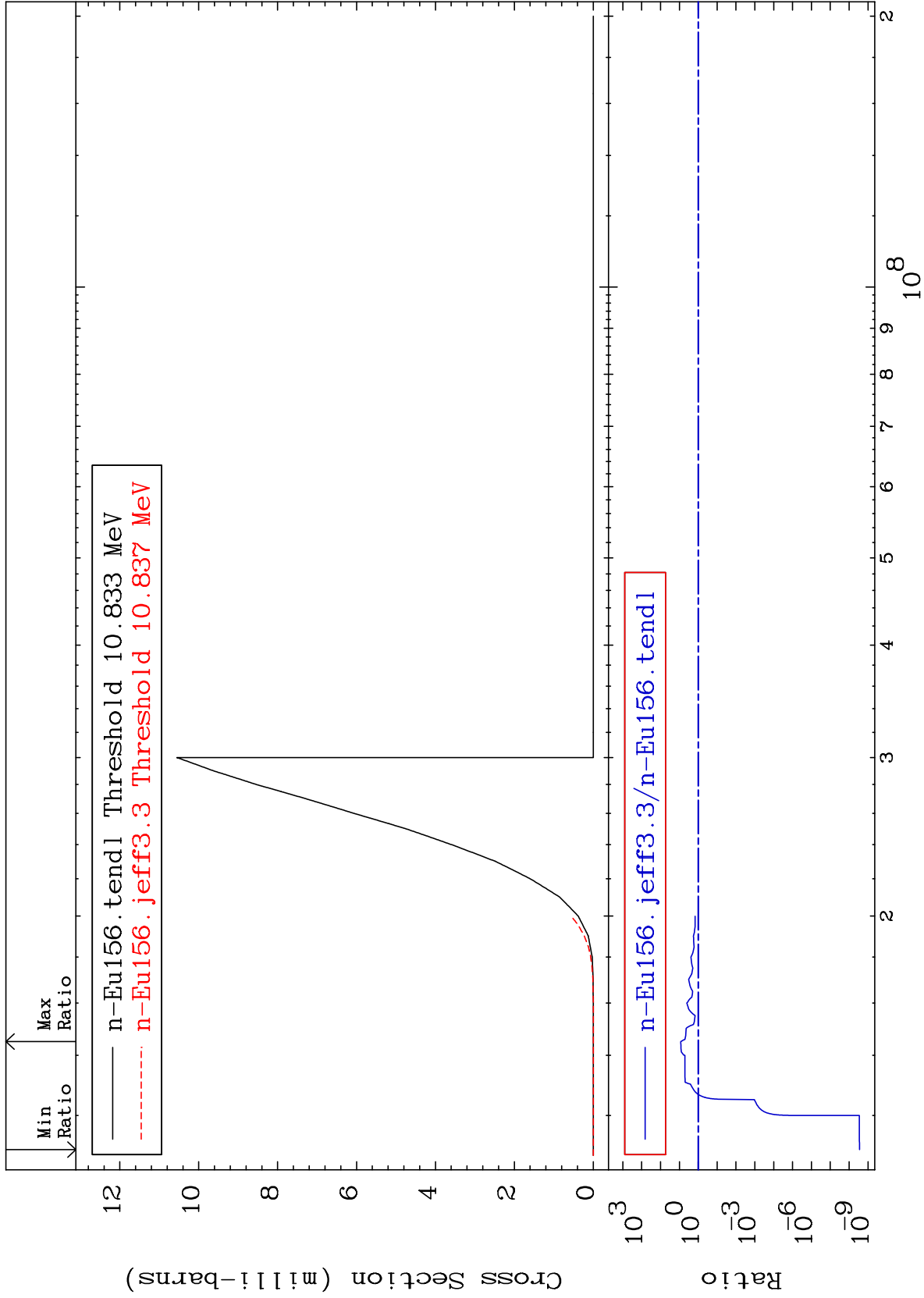
8

Incident Energy (eV)

63-Eu-156

Cross Section

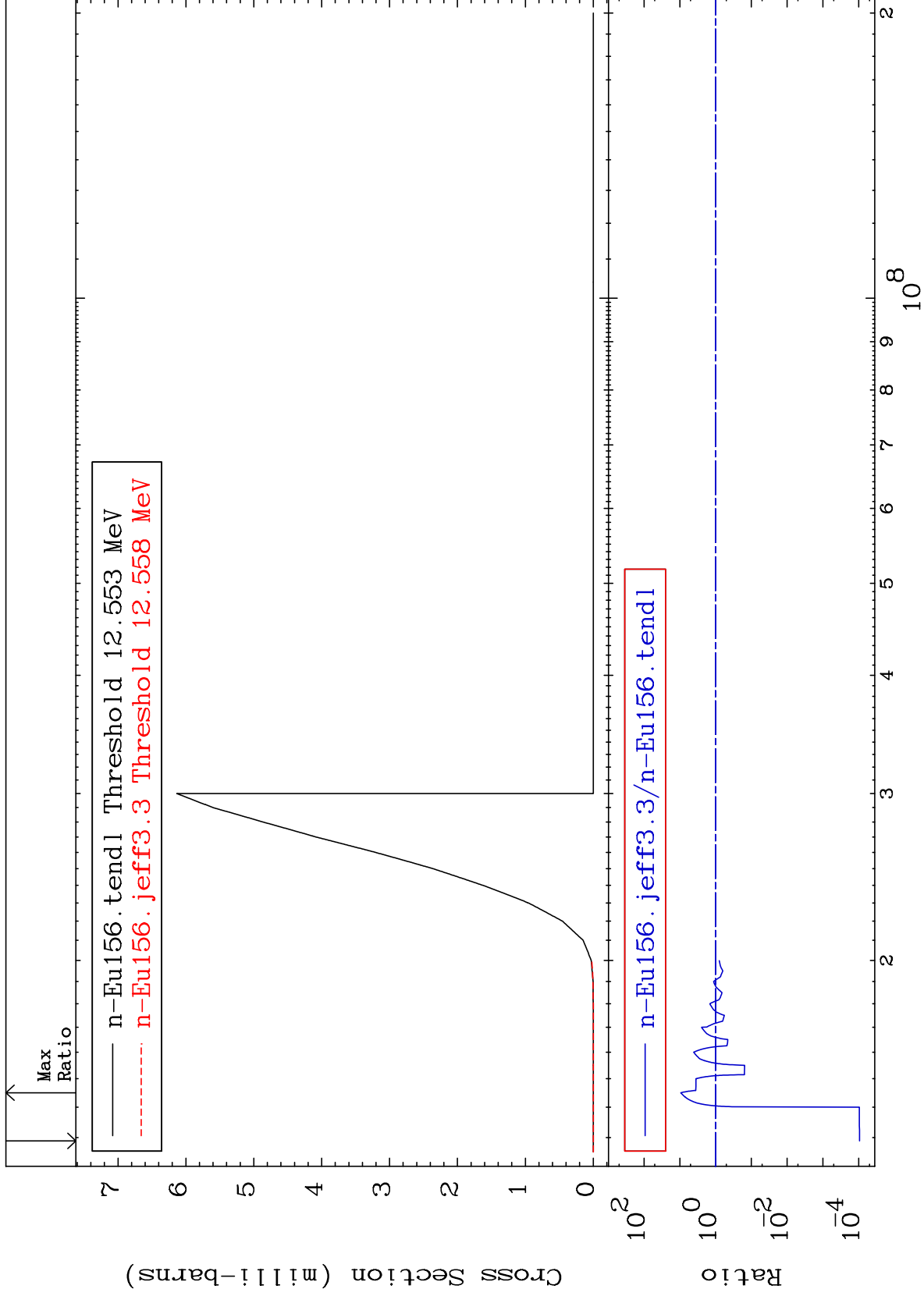
-100.0 To 744.7 %



MAT 6340

(n,n') t
Cross Section

63-Eu-156
-99.99 To 839.9 %



10

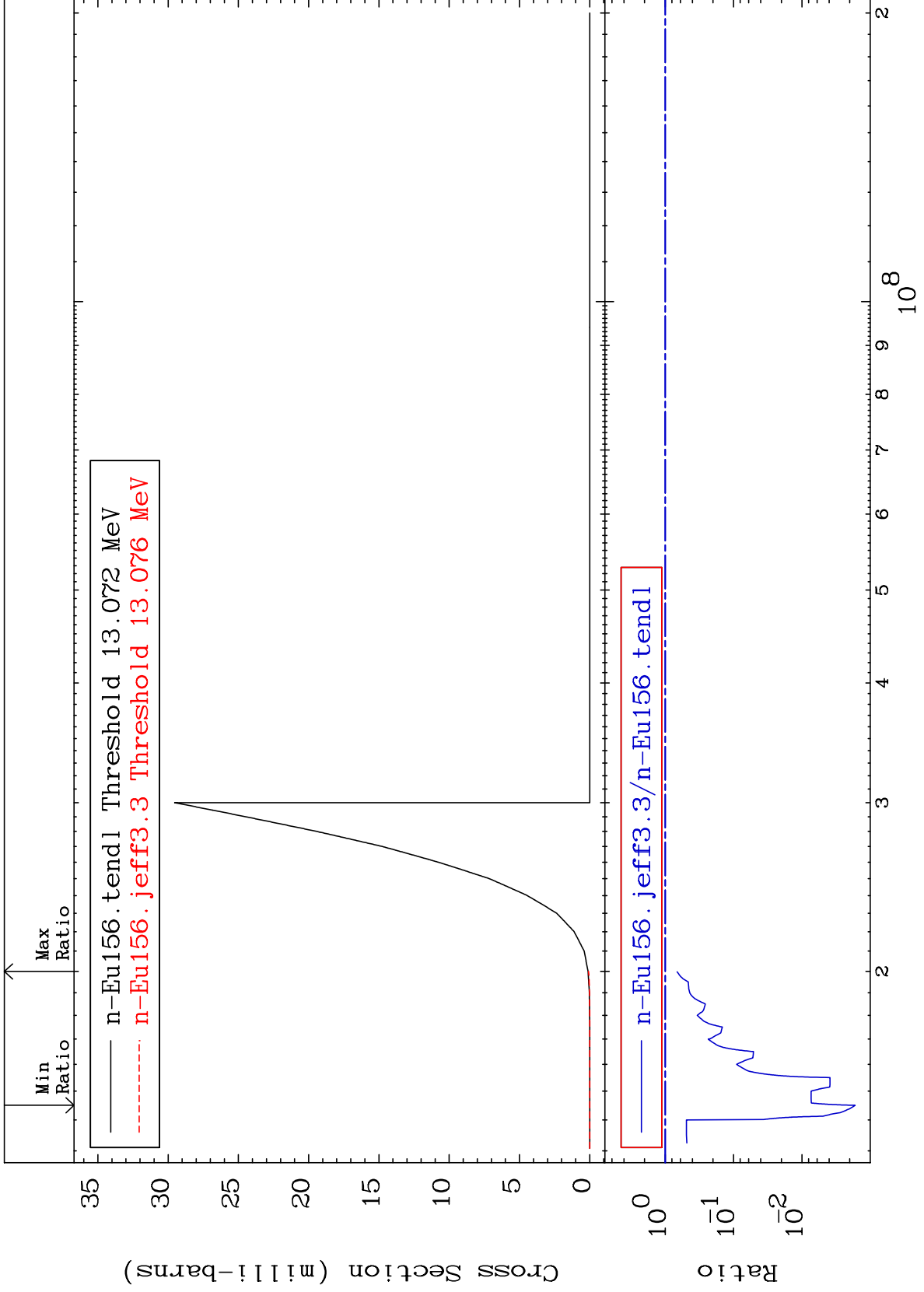
Incident Energy (eV)

63-Eu-156

MAT 6340

(n,2n) p
Cross Section

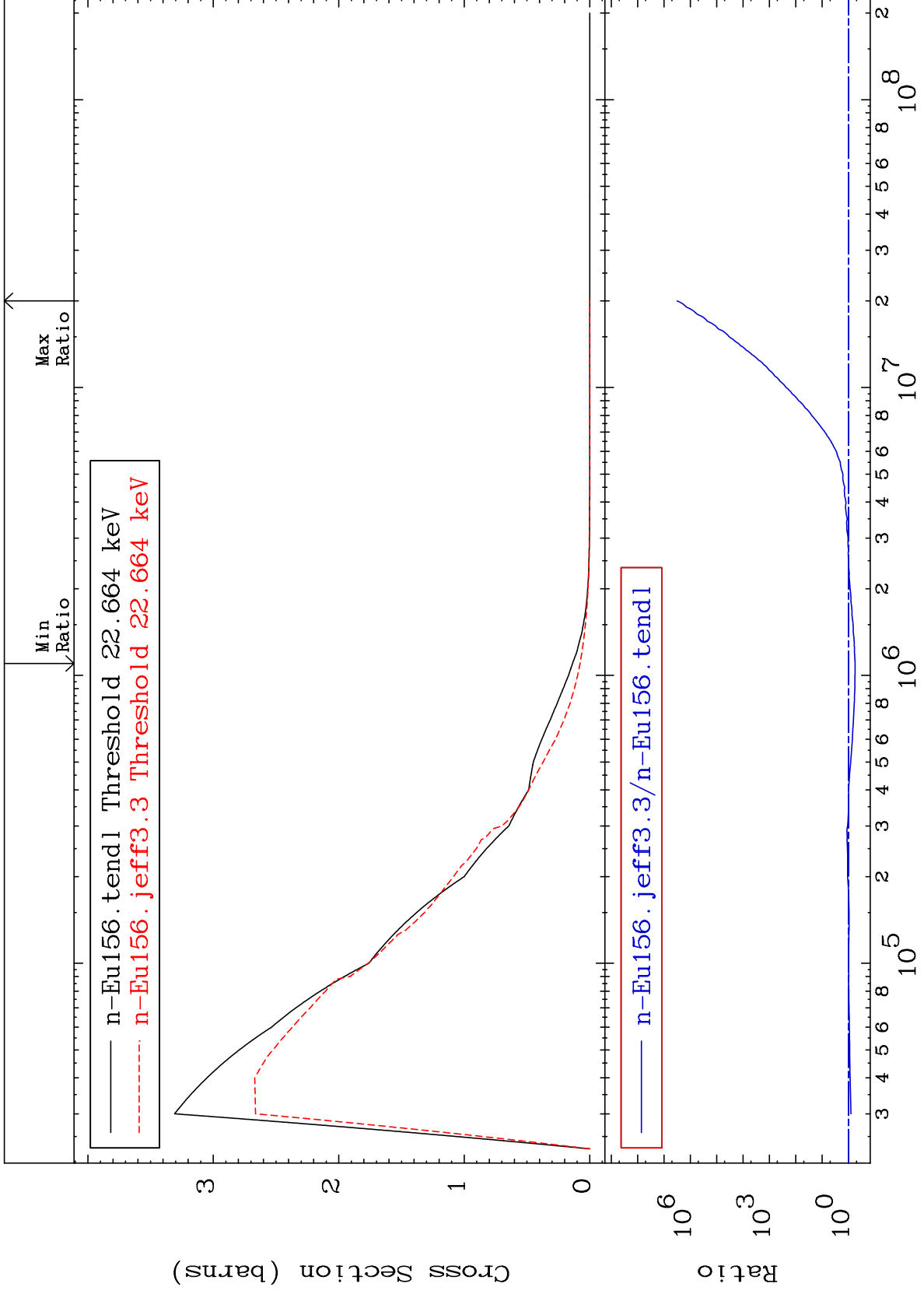
63-Eu-156
-99.83 To -32.67%



MAT 6340

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

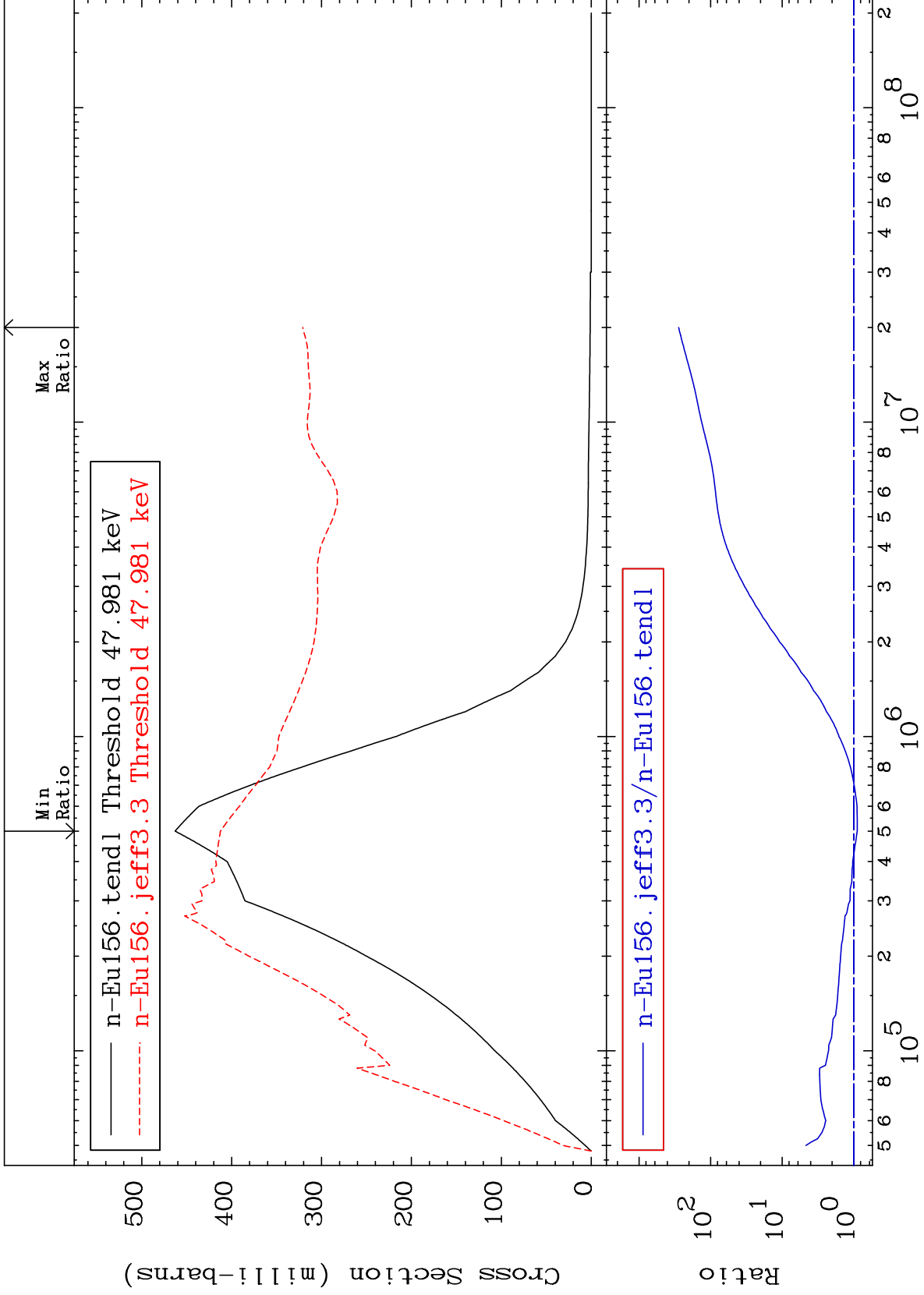
63-Eu-156
-43.58 To 9999. %



MAT 6340

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

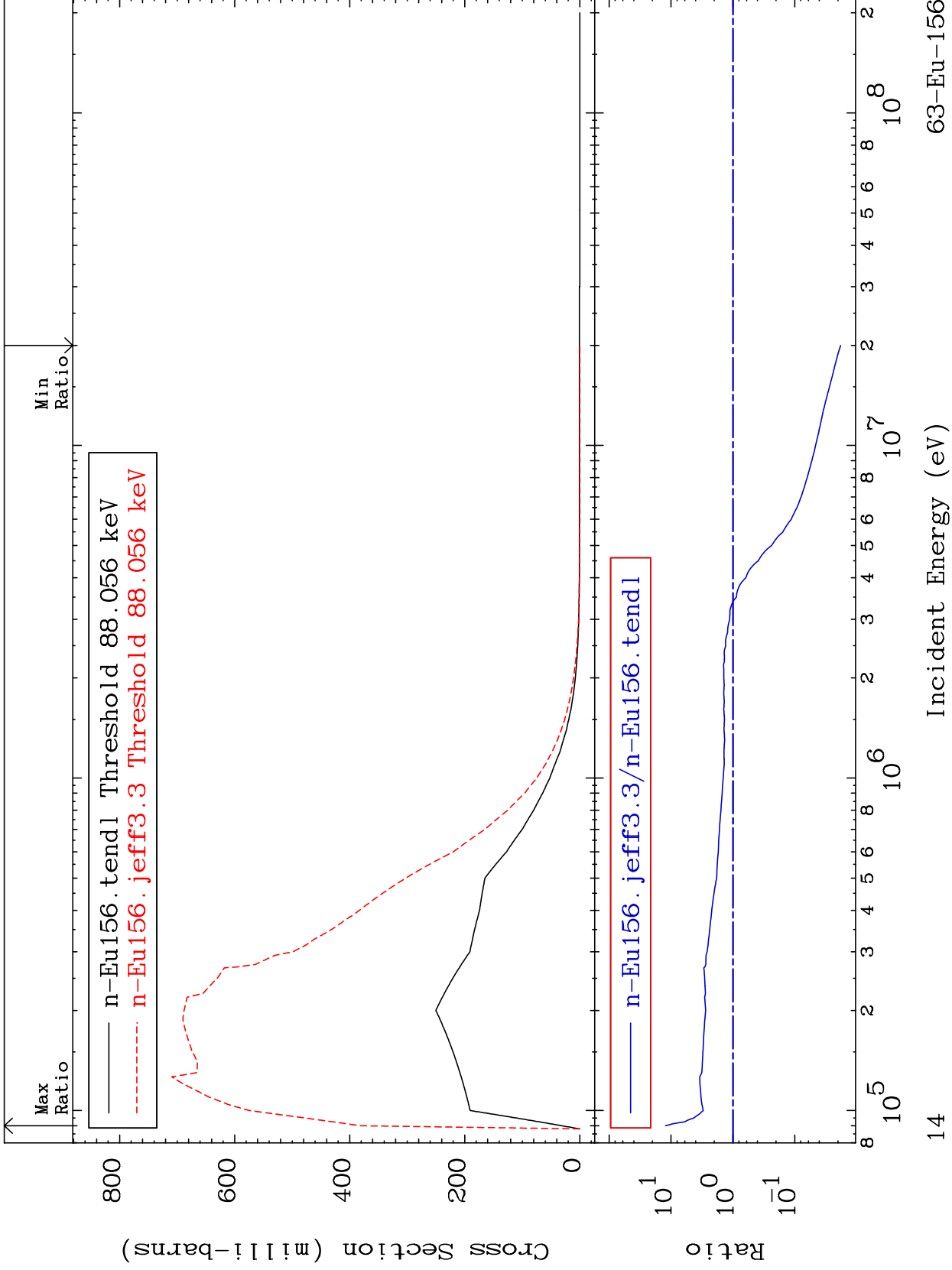
63-Eu-156
-10.92 To 9999. %



MAT 6340

MT= 53 (n,n') Level
Cross Section

63-Eu-156
-98.19 To 1128. %



14

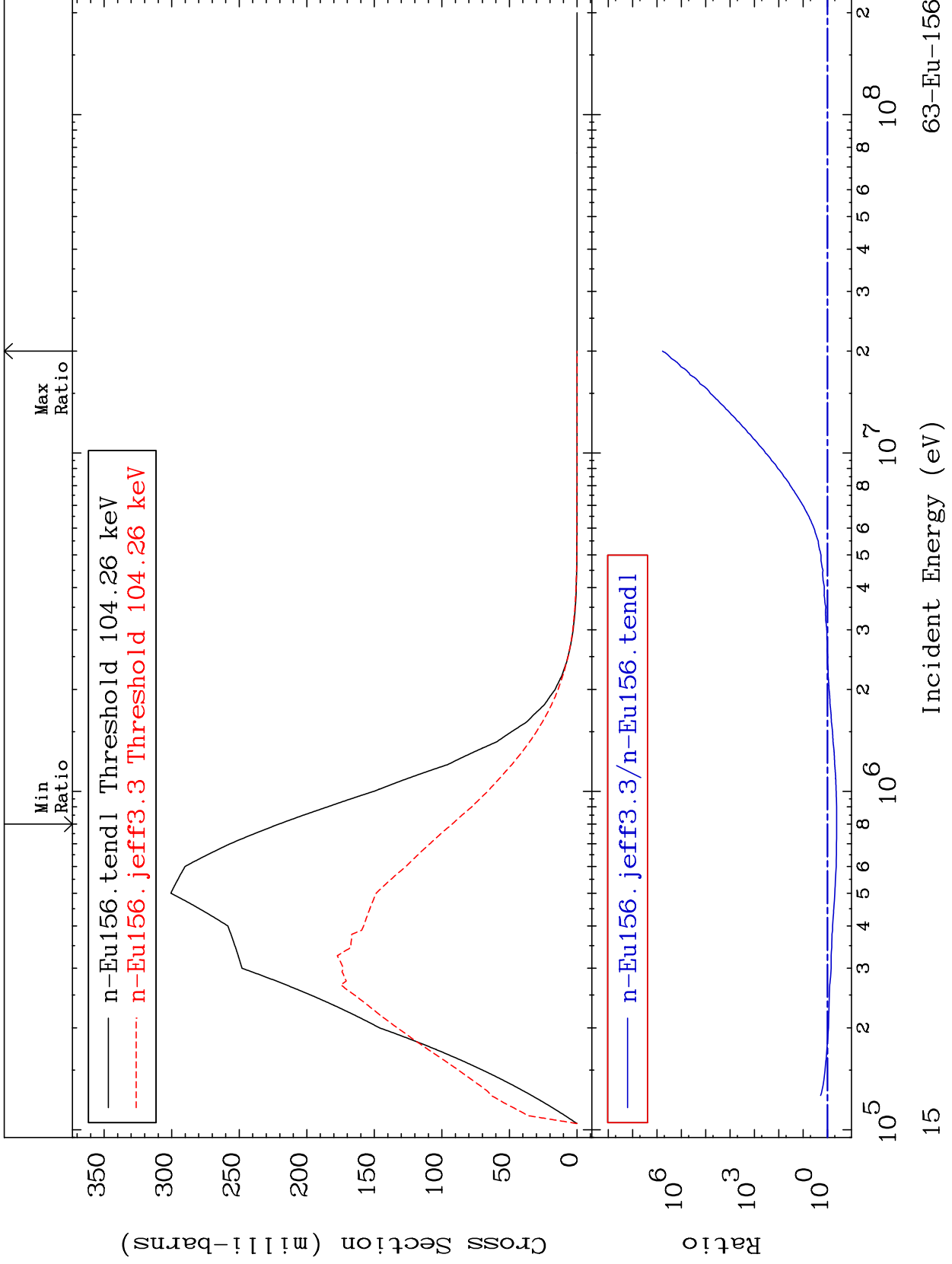
Incident Energy (eV)

63-Eu-156

MAT 6340

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

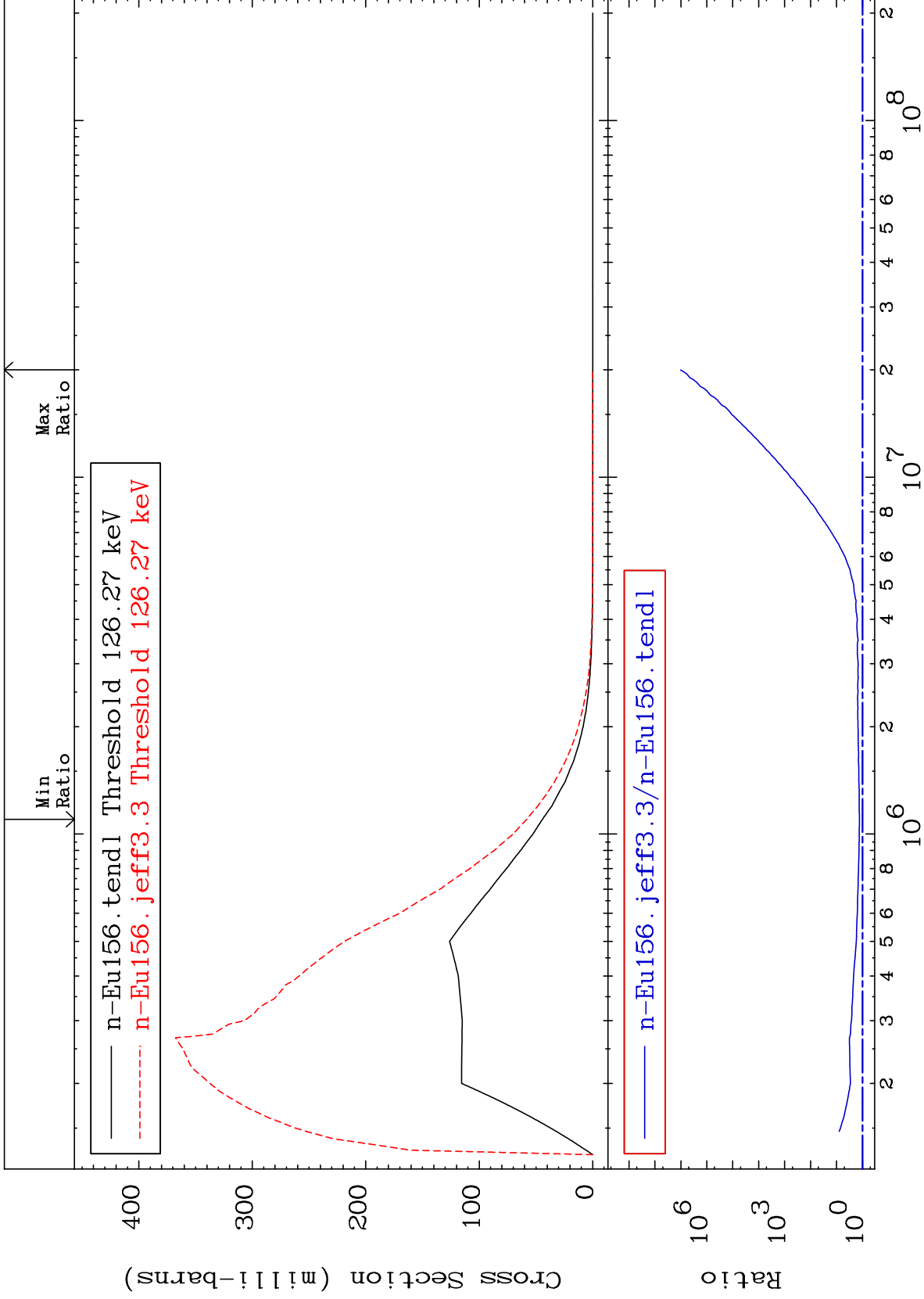
63-Eu-156
-58.12 To 9999. %



MAT 6340

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

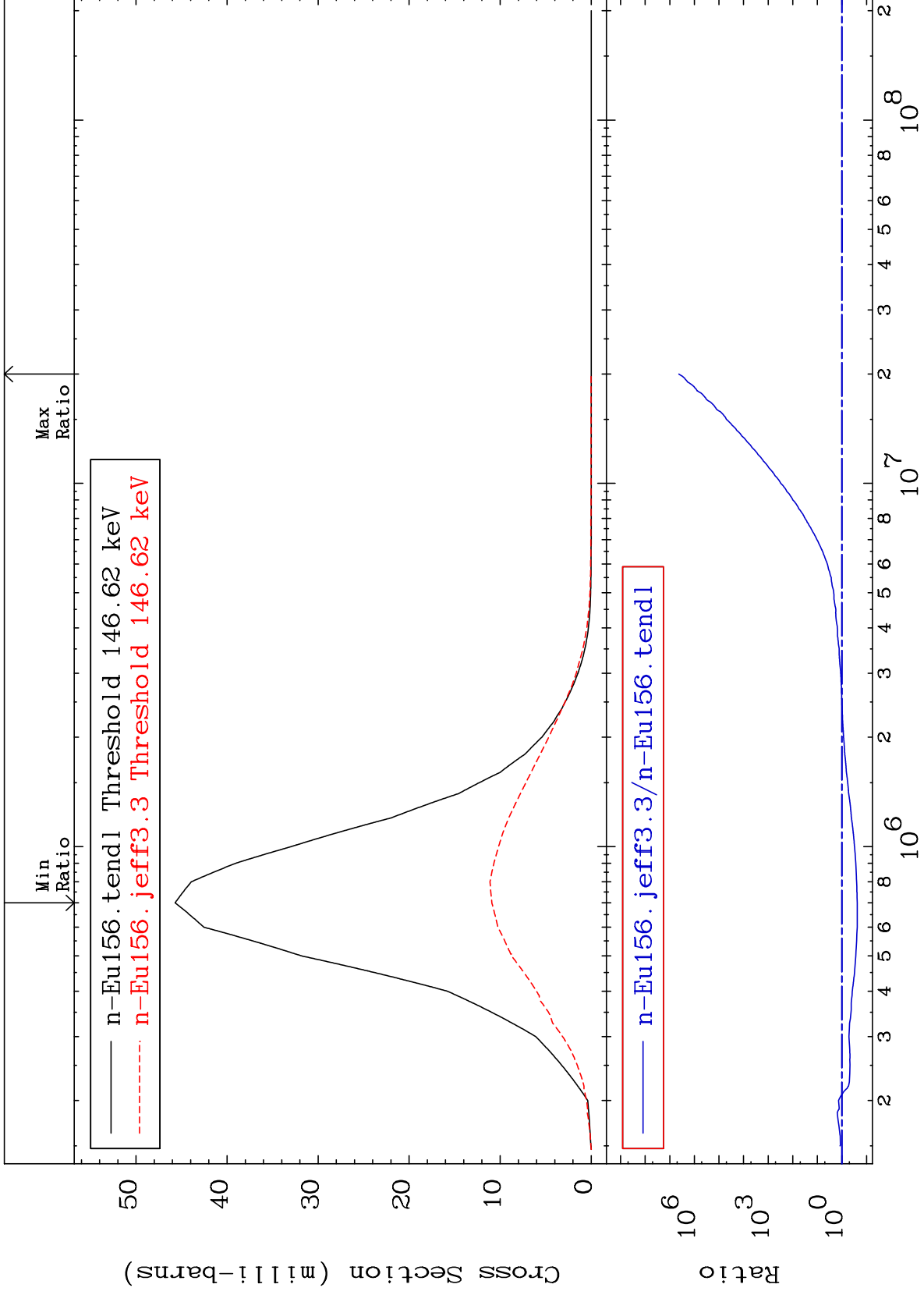
63-Eu-156
31.29 To 9999. %



MAT 6340

MT= 56 (n,n') Level
Cross Section

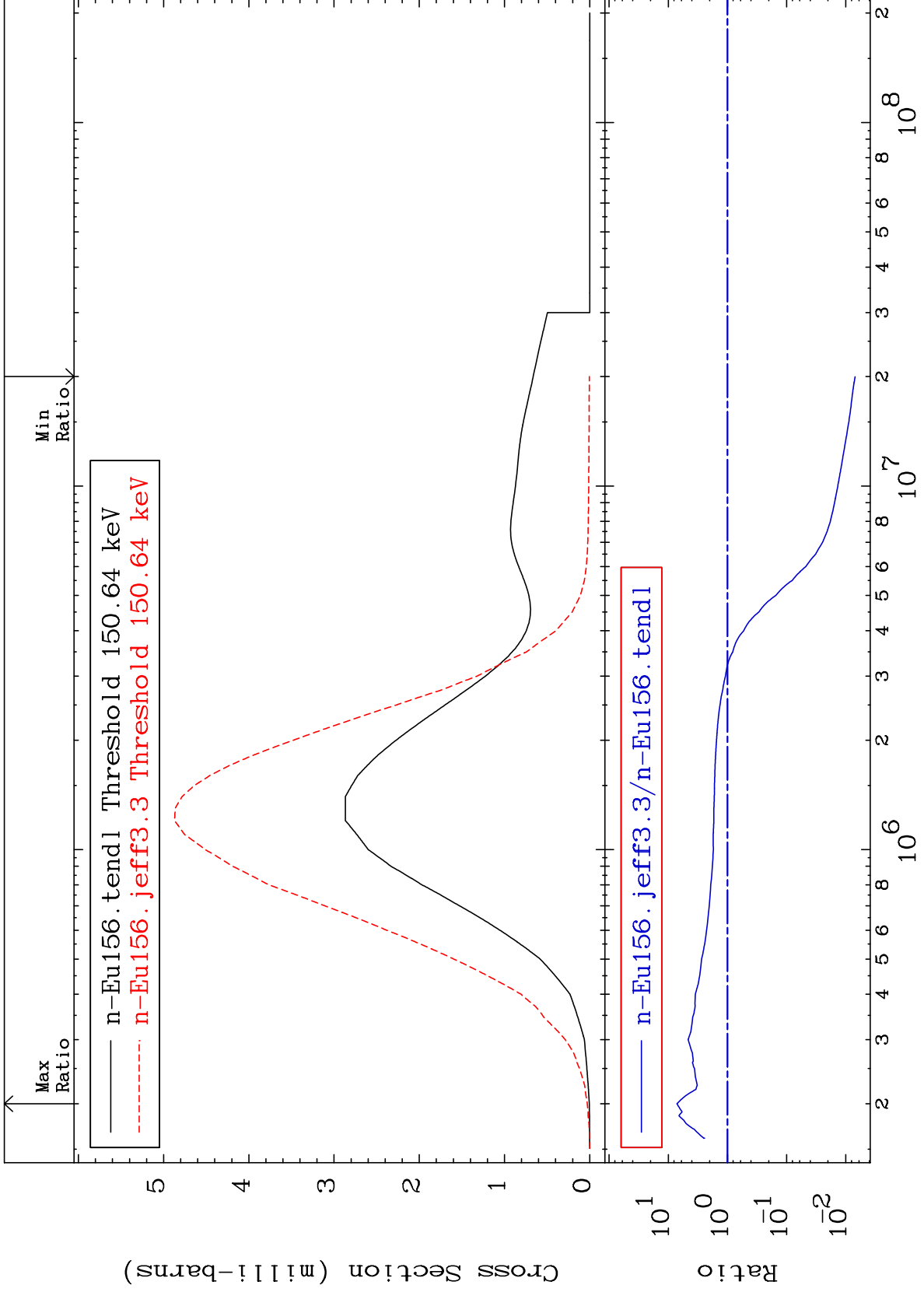
63-Eu-156
-76.13 To 9999. %



MAT 6340

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

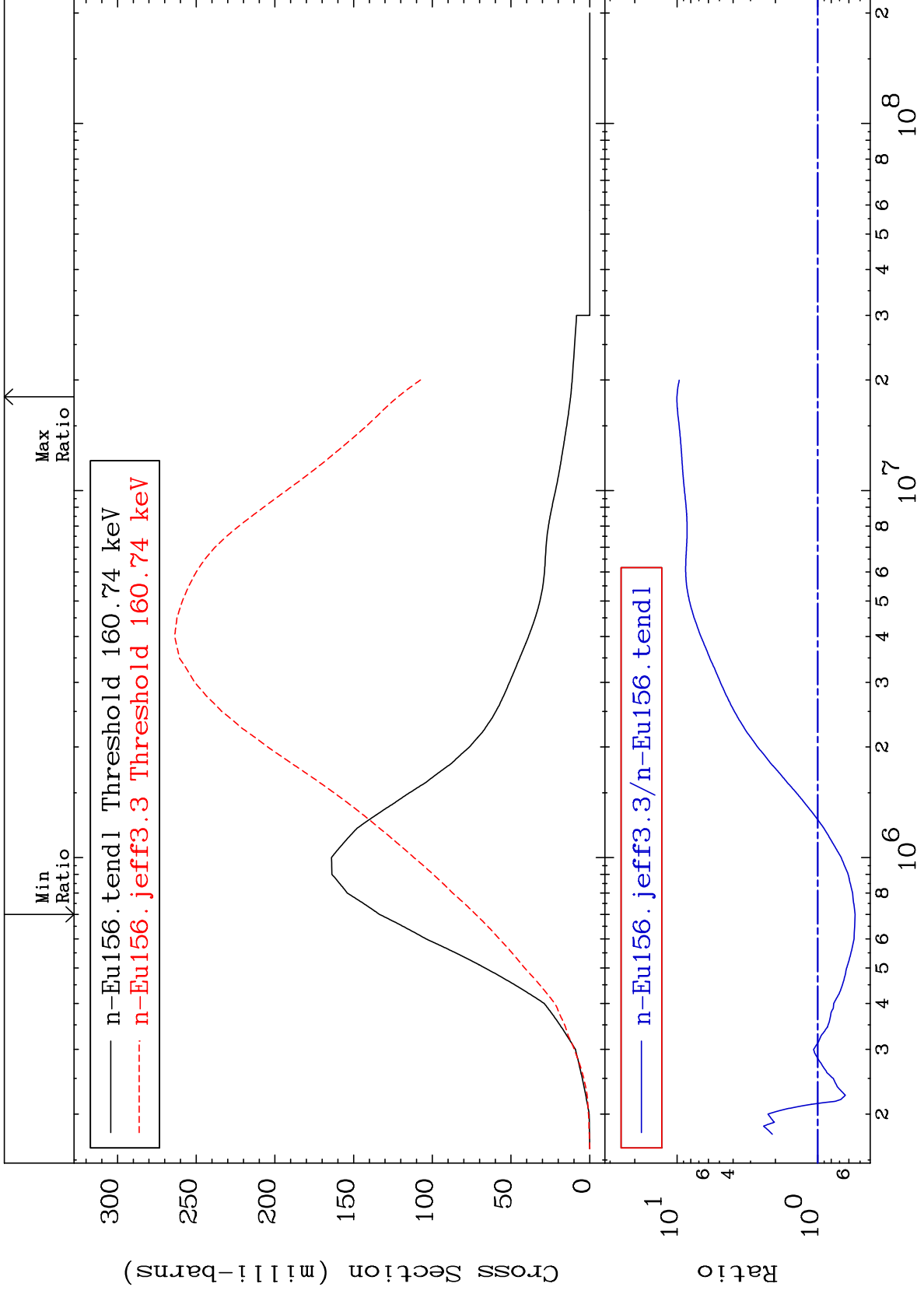
63-Eu-156
-99.30 To 614.6 %



MAT 6340

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

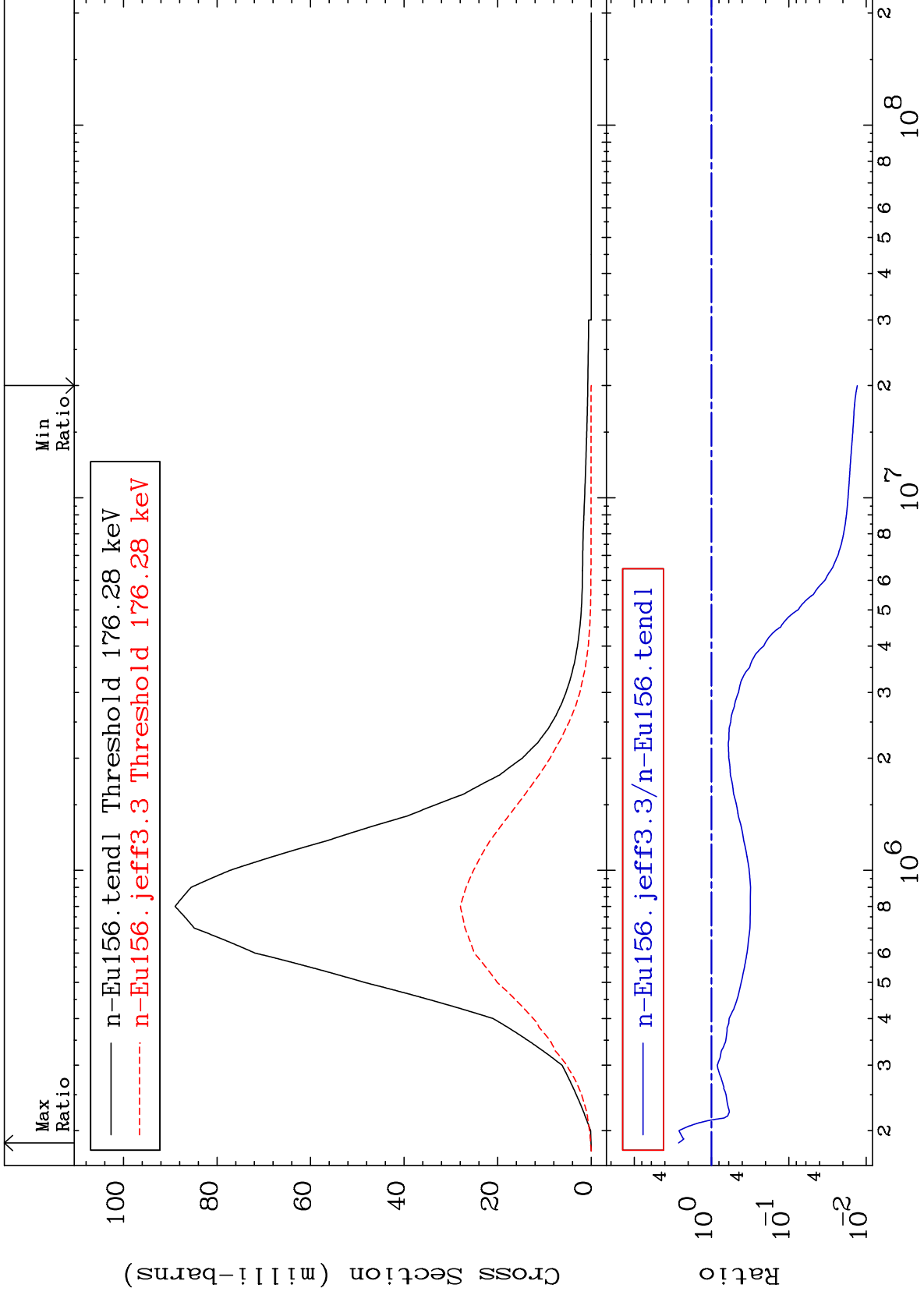
63-Eu-156
-45.79 To 903.3 %



MAT 6340

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

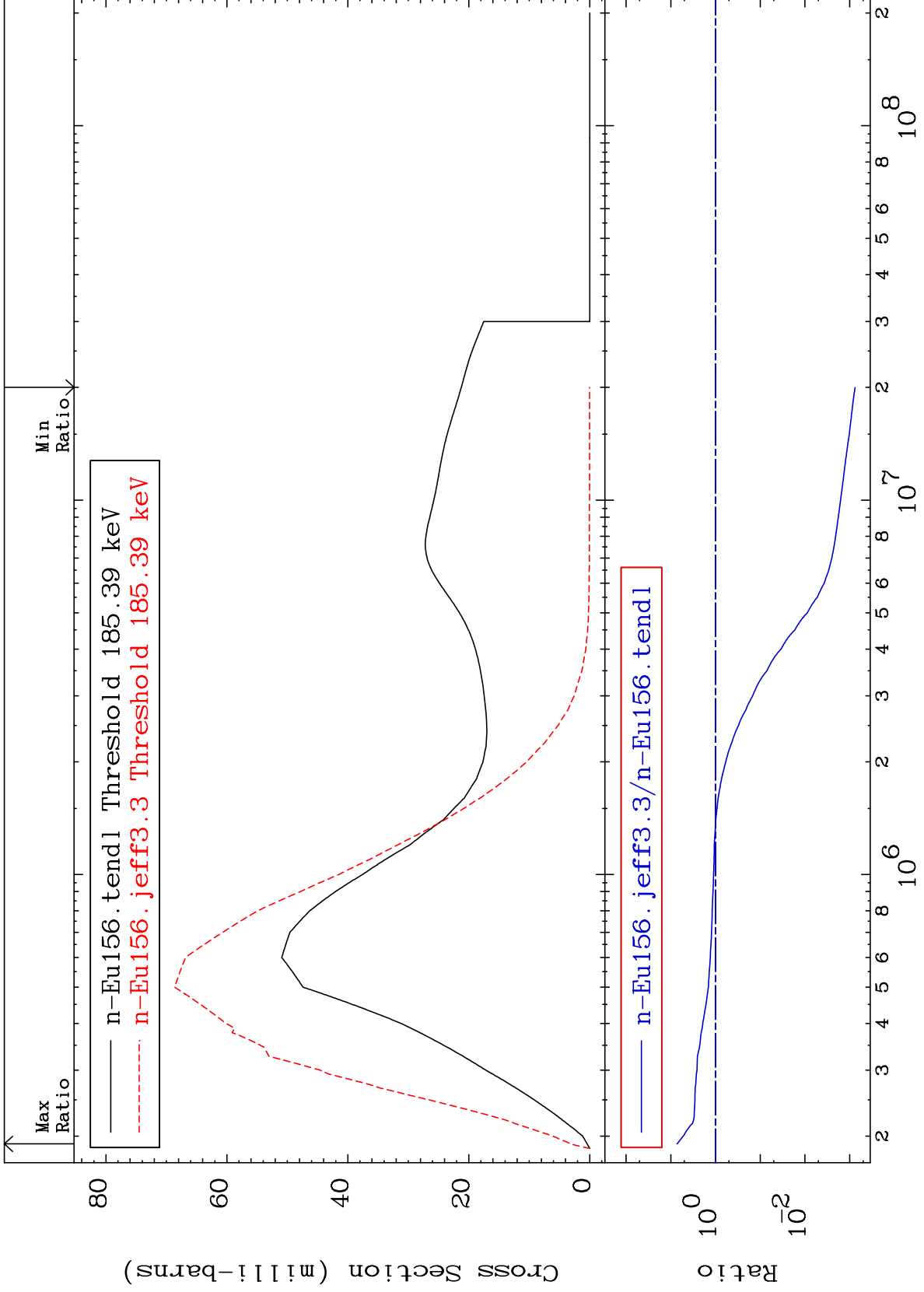
63-Eu-156
-98.70 To 166.2 %



MAT 6340

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

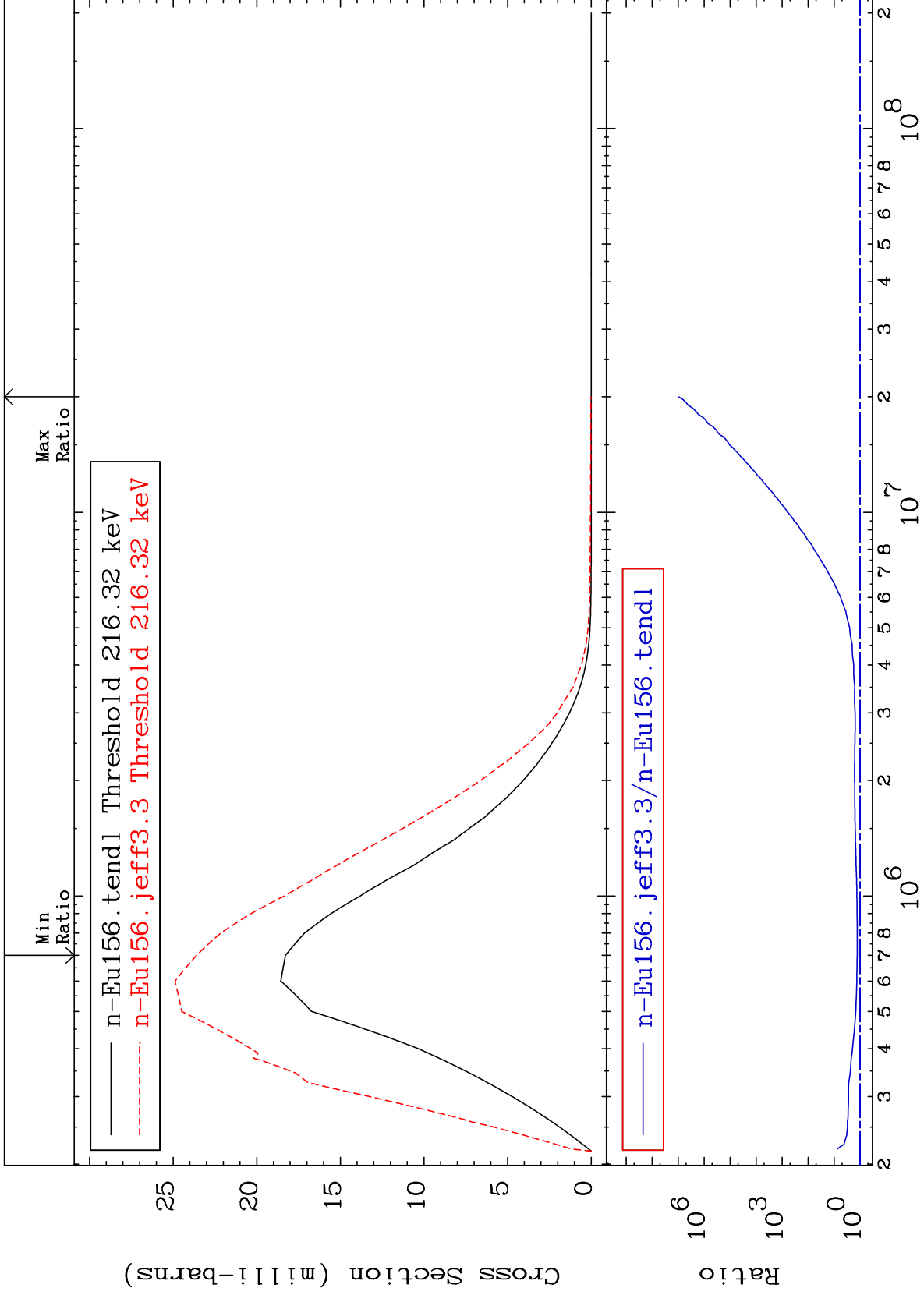
63-Eu-156
-99.92 To 629.4 %



MAT 6340

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

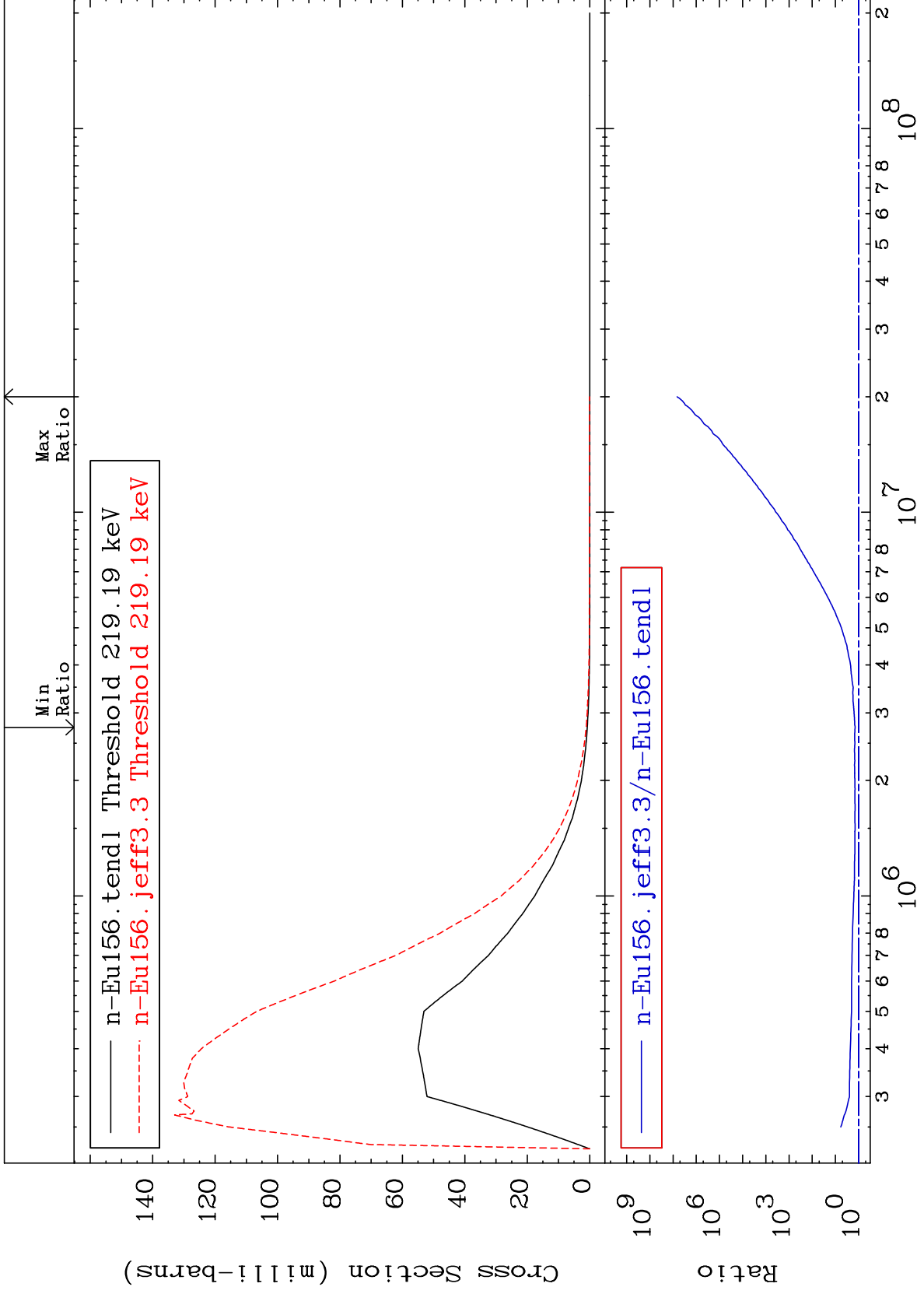
63-Eu-156
29.07 To 9999. %



MAT 6340

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

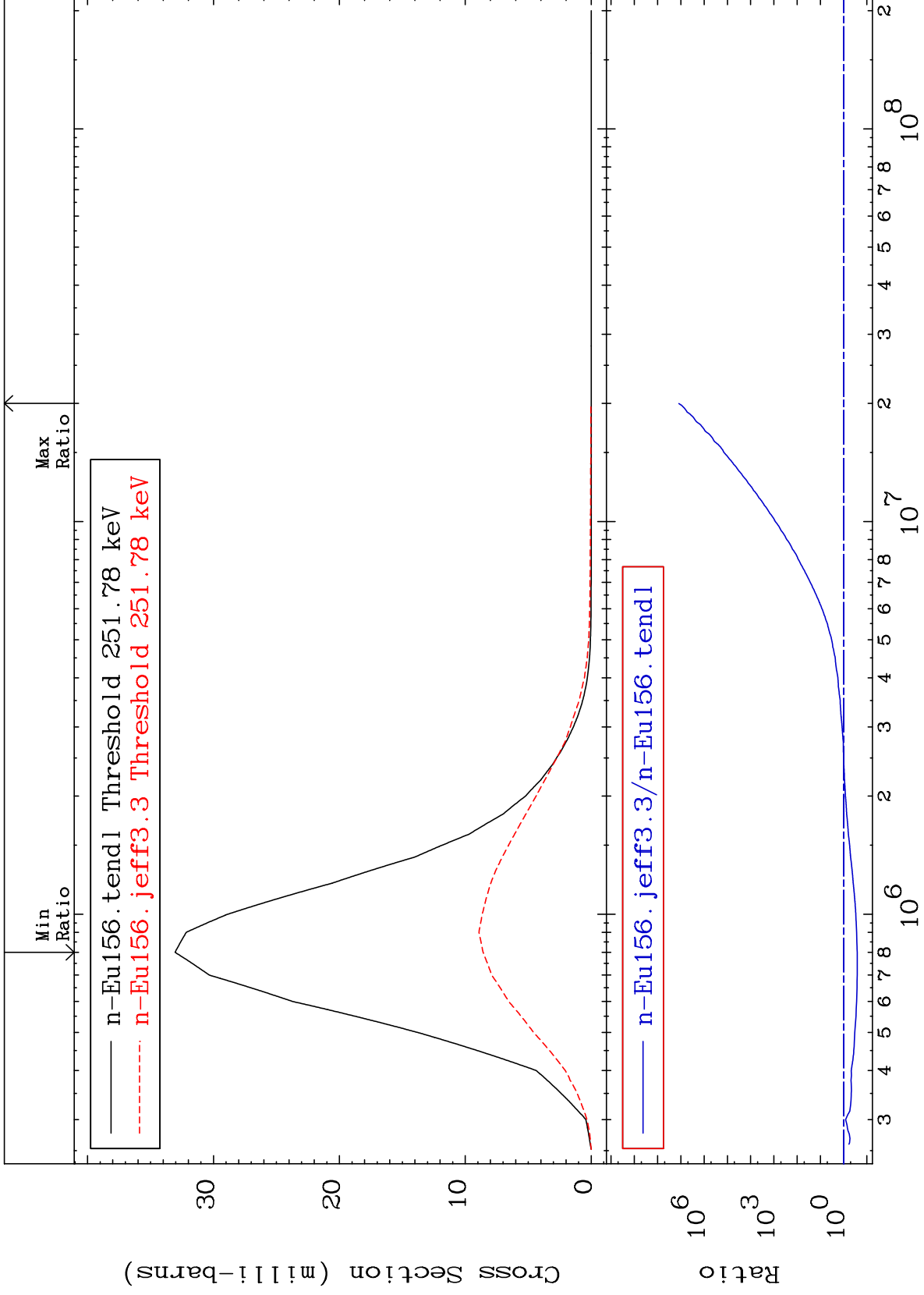
63-Eu-156
41.65 To 9999. %



MAT 6340

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

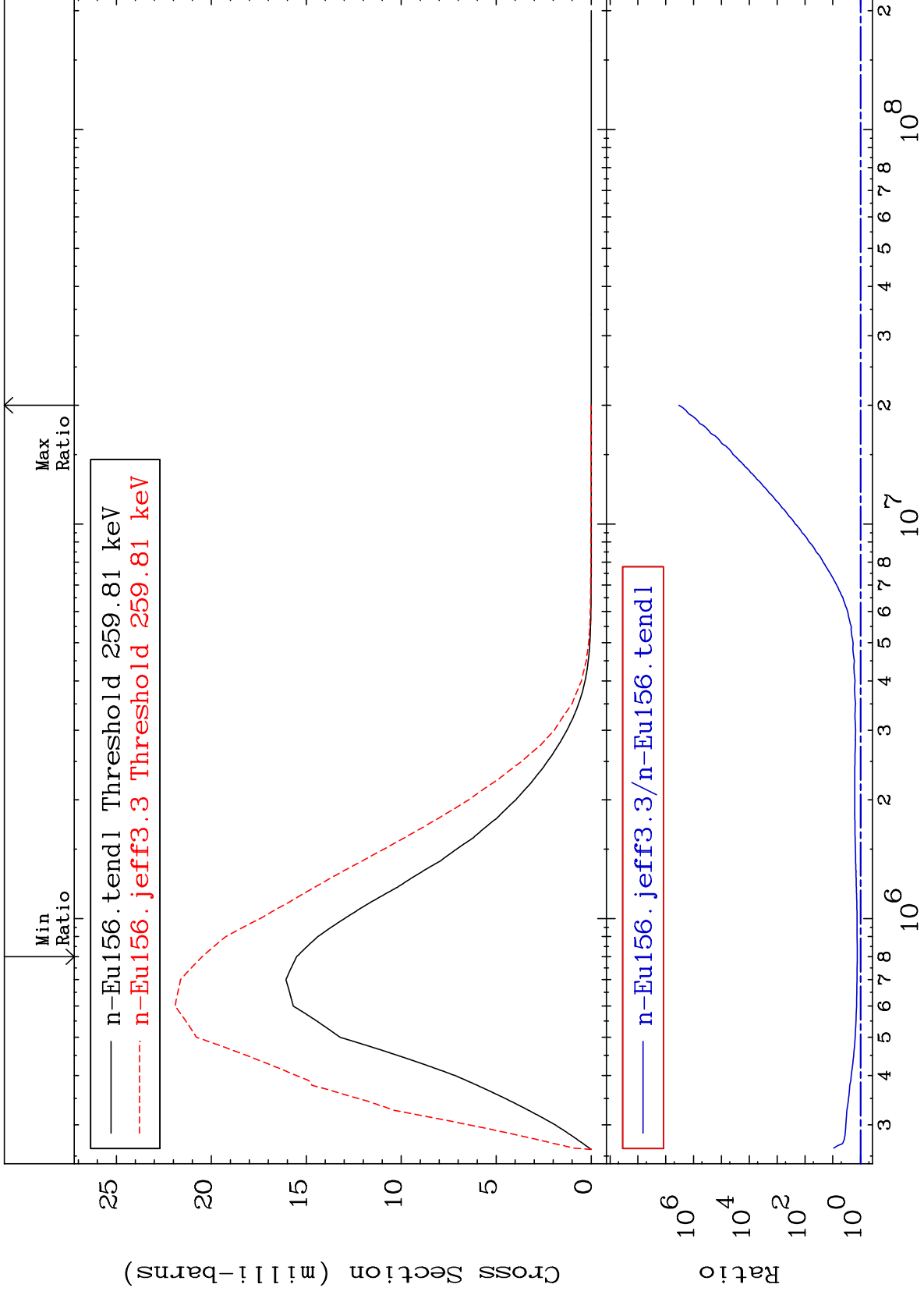
63-Eu-156
-74.02 To 9999. %



MAT 6340

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

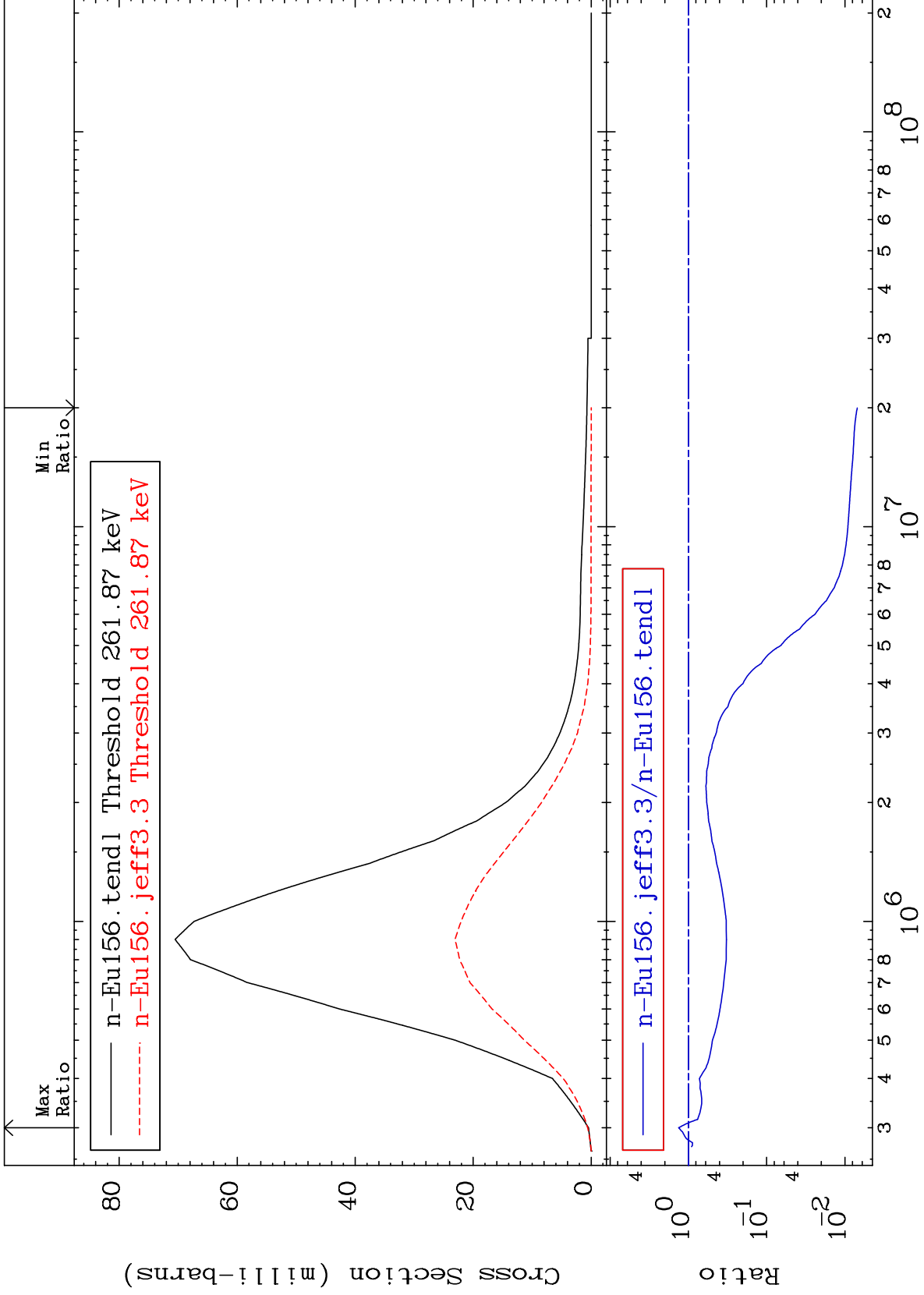
63-Eu-156
32.09 To 9999. %



MAT 6340

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

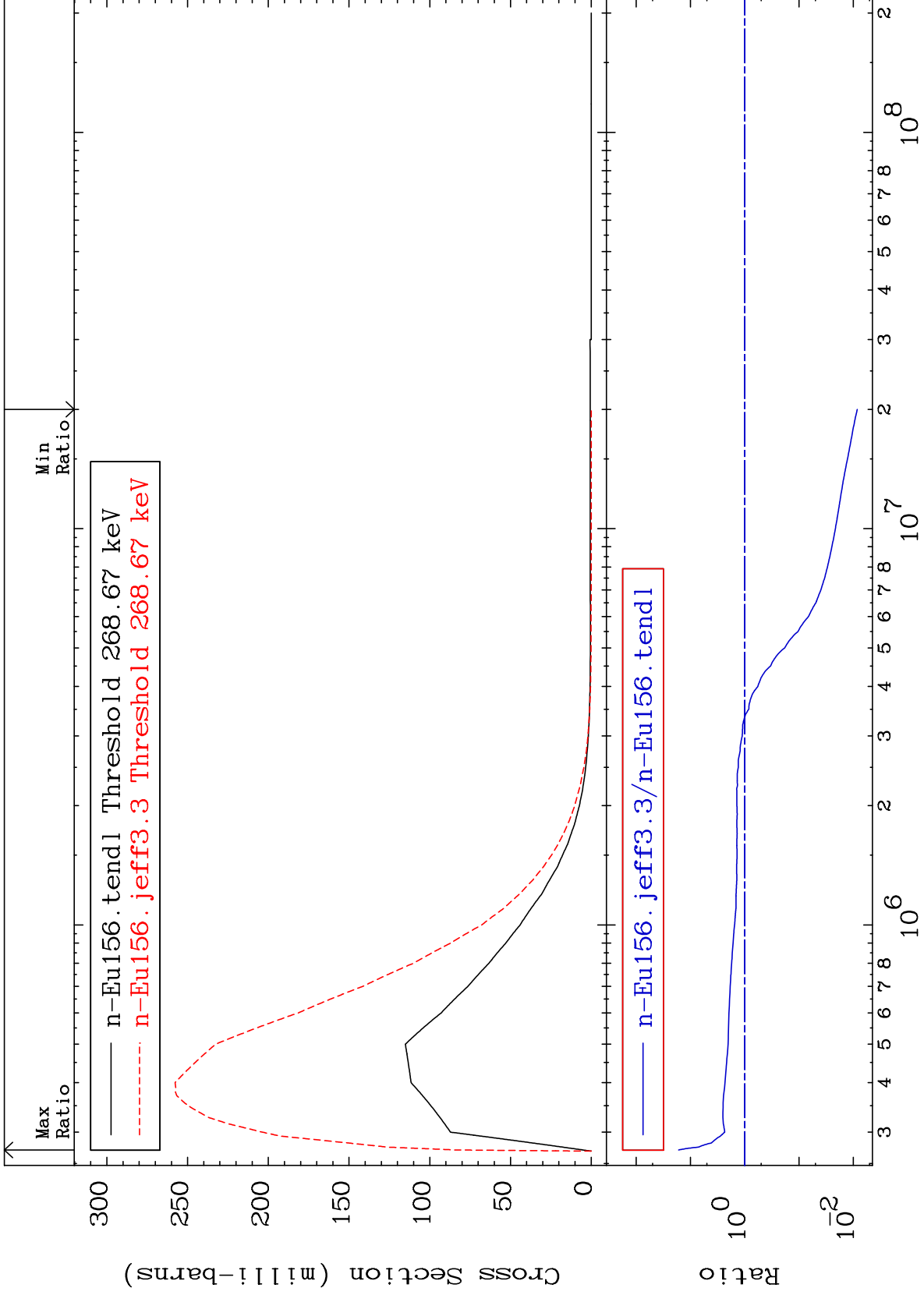
63-Eu-156
-99.31 To 33.08 %



MAT 6340

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

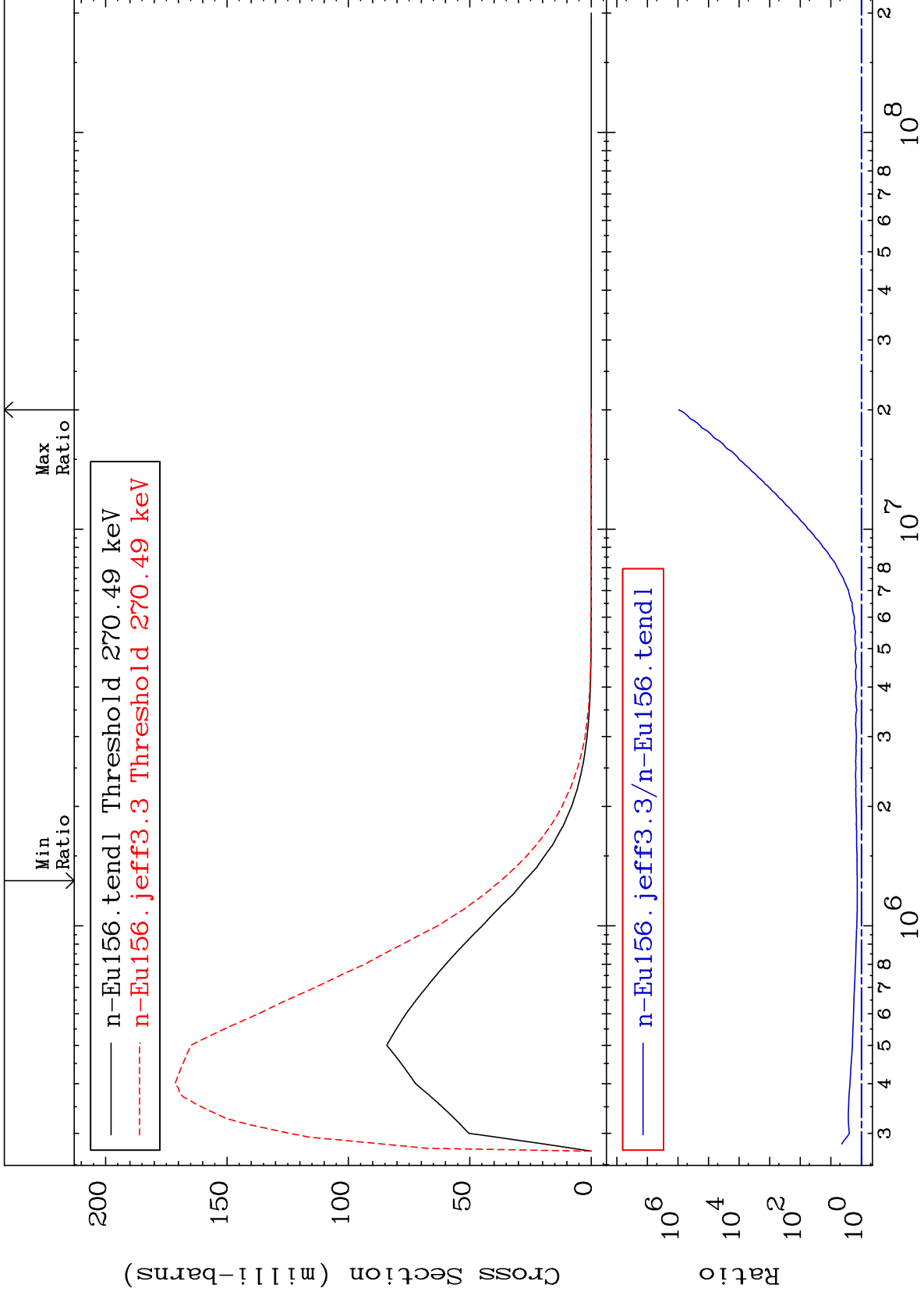
63-Eu-156
-99.16 To 1555. %



MAT 6340

MT= 67 (n,n') Level
Cross Section

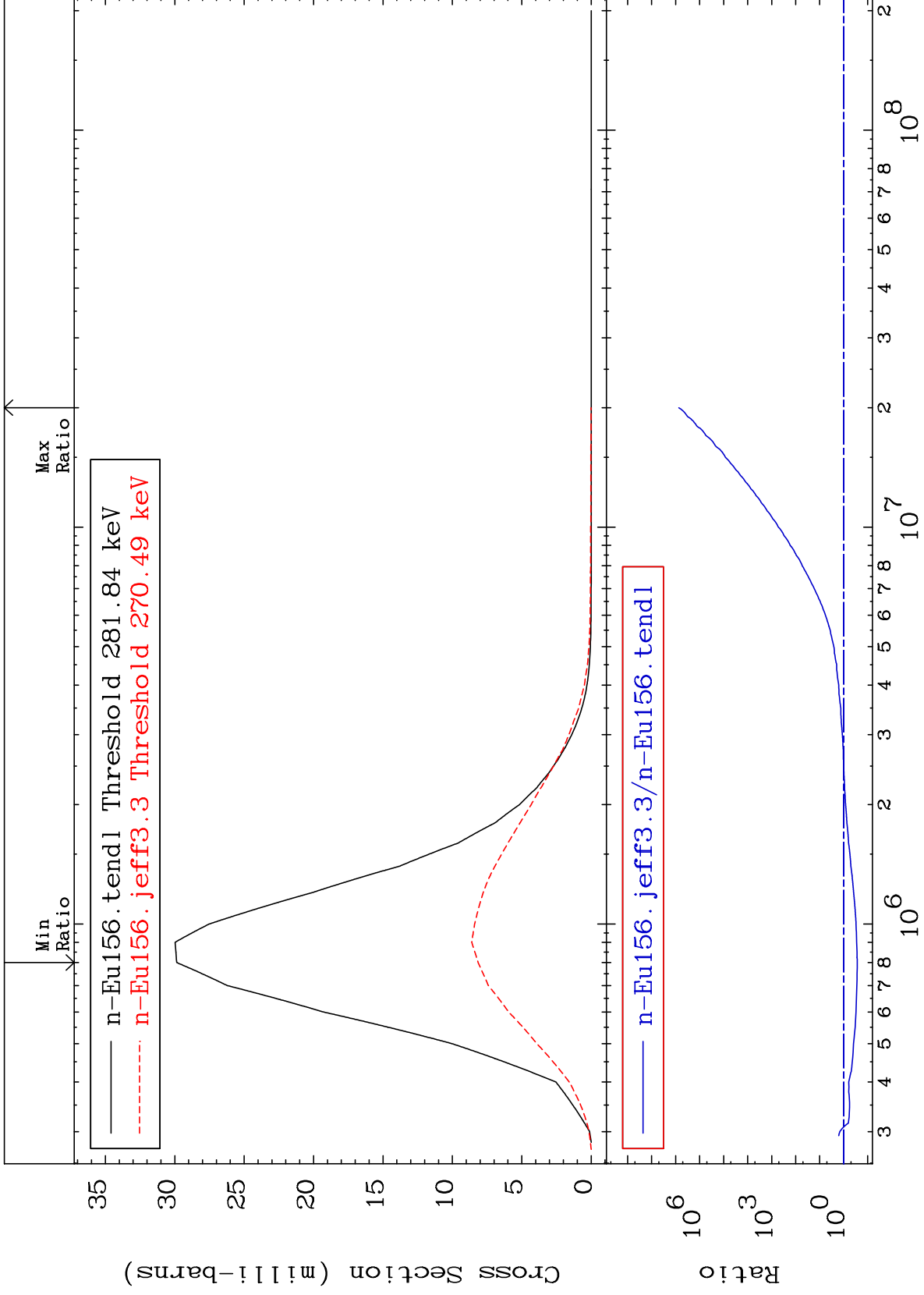
63-Eu-156
35.80 To 9999. %



MAT 6340

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

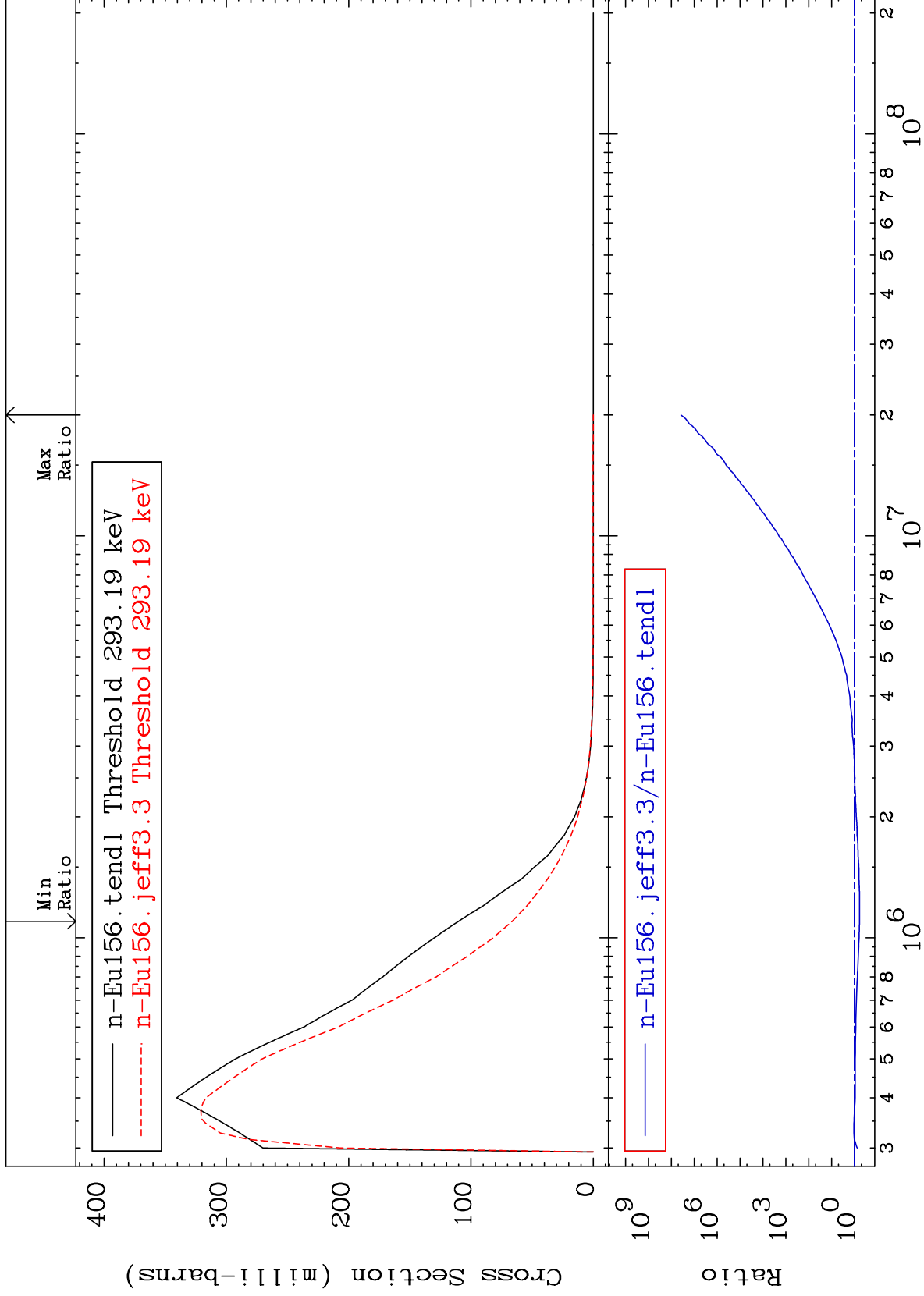
63-Eu-156
-72.71 To 9999. %



MAT 6340

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

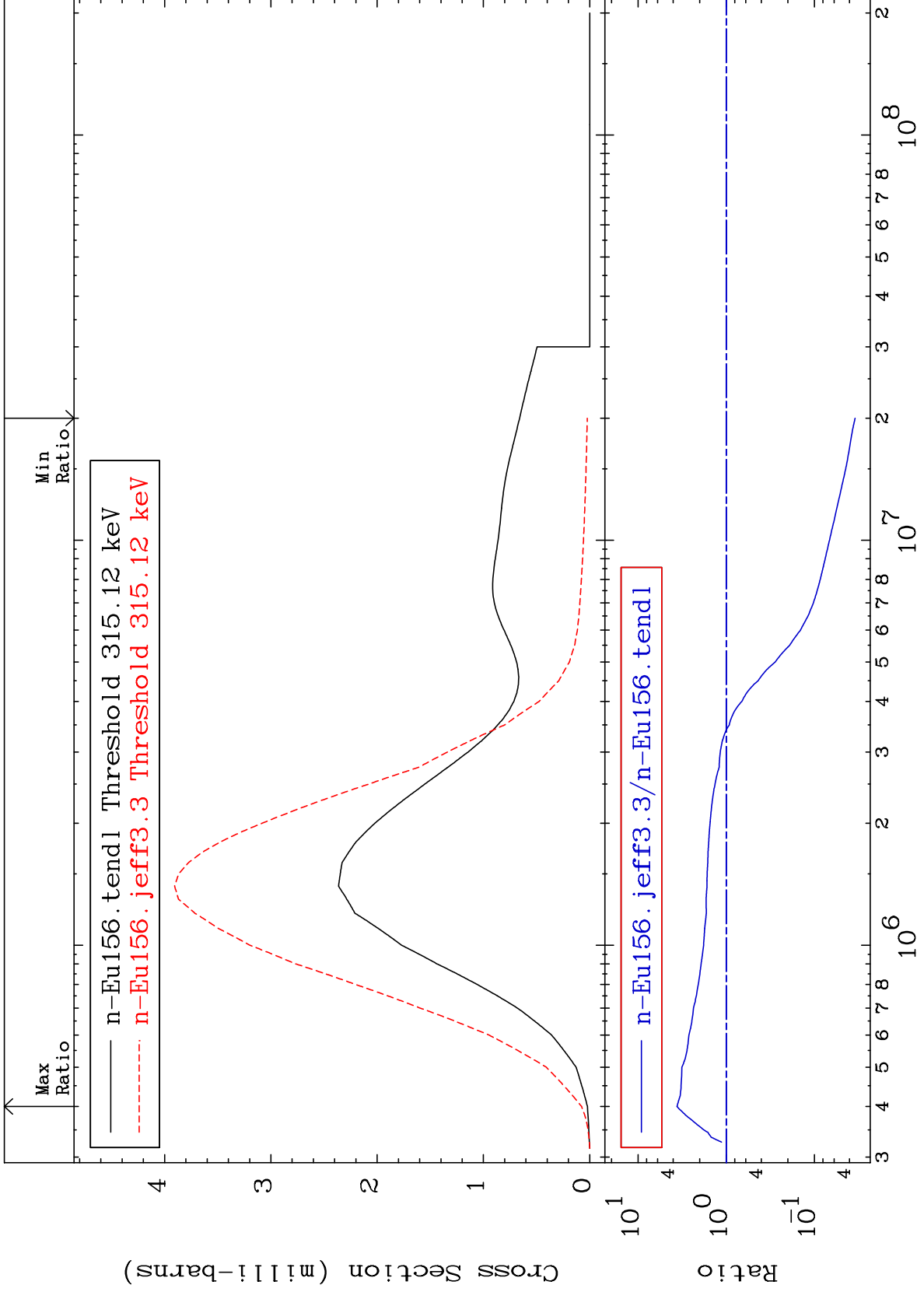
63-Eu-156
-39.90 To 9999. %



MAT 6340

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

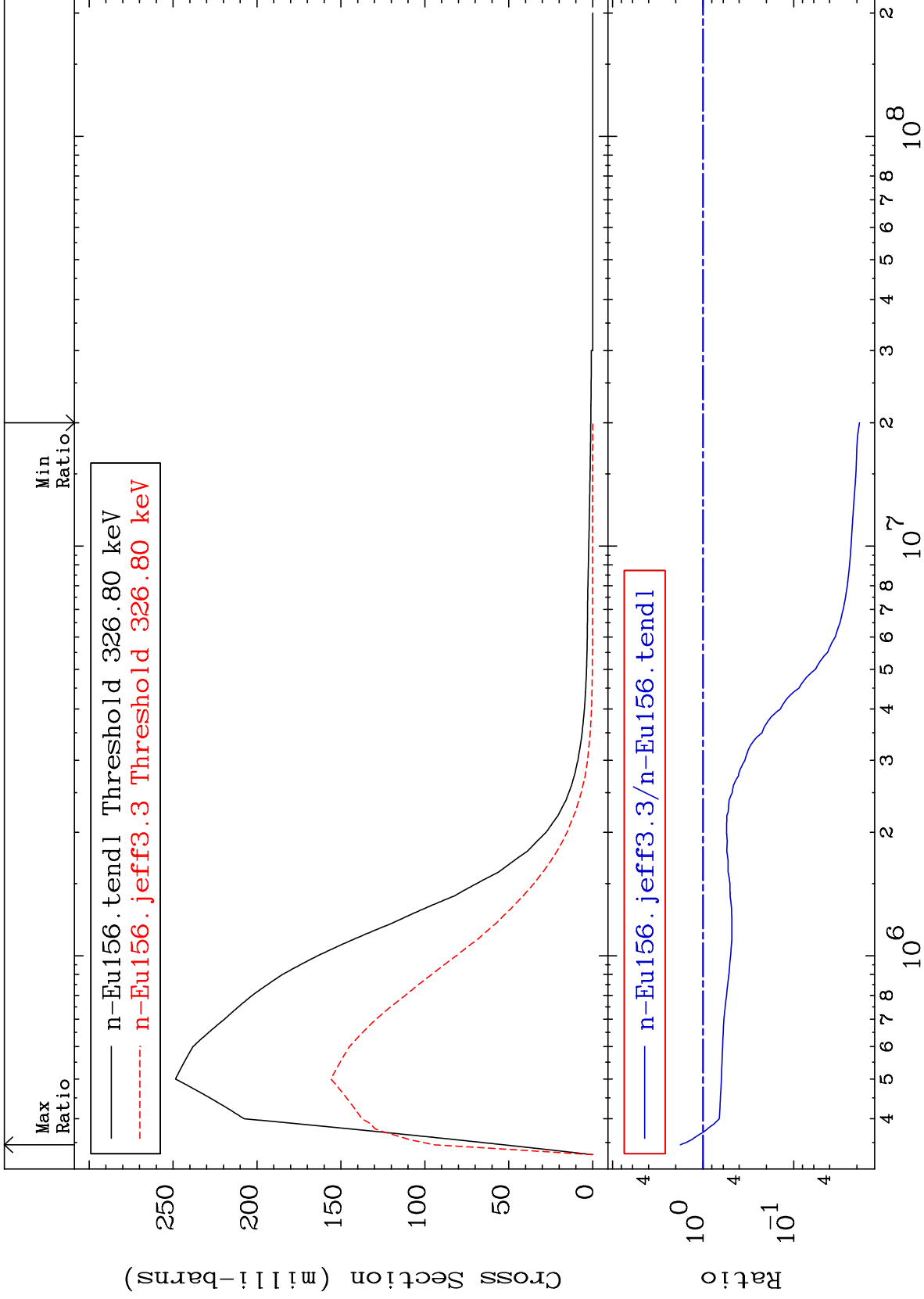
63-Eu-156
-96.54 To 262.1 %



MAT 6340

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

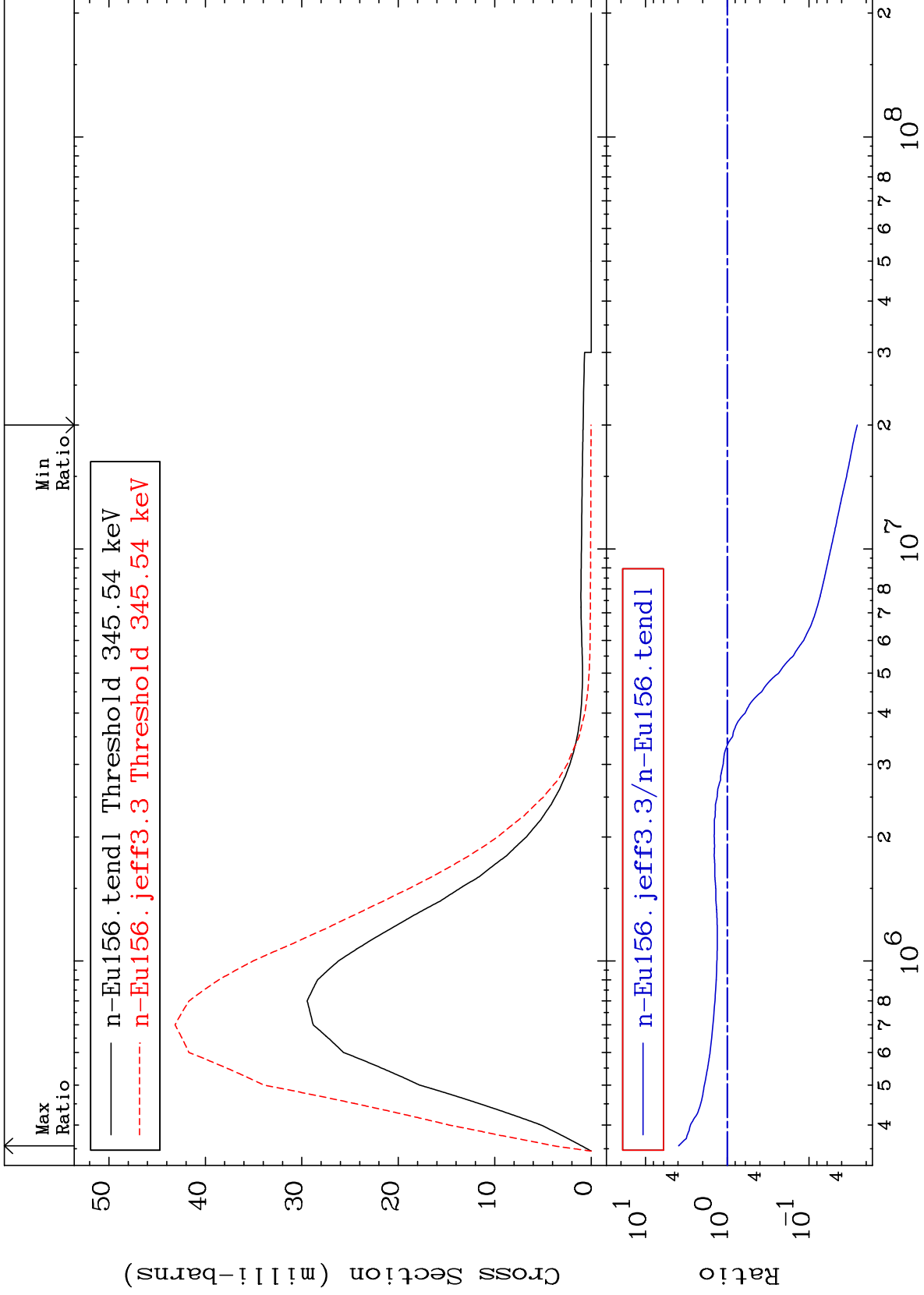
63-Eu-156
-98.12 To 78.15 %



MAT 6340

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

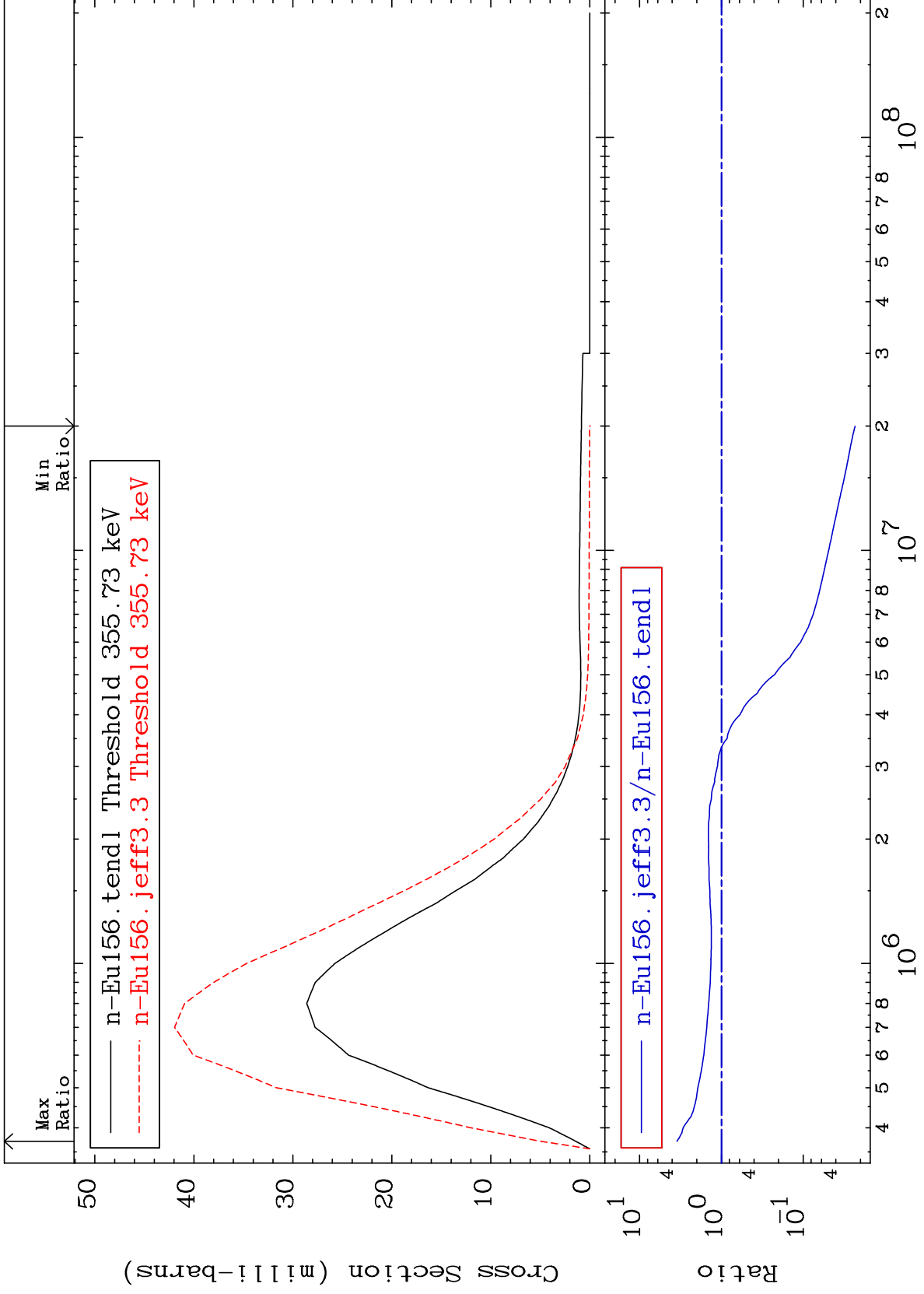
63-Eu-156
-97.43 To 293.3 %



MAT 6340

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

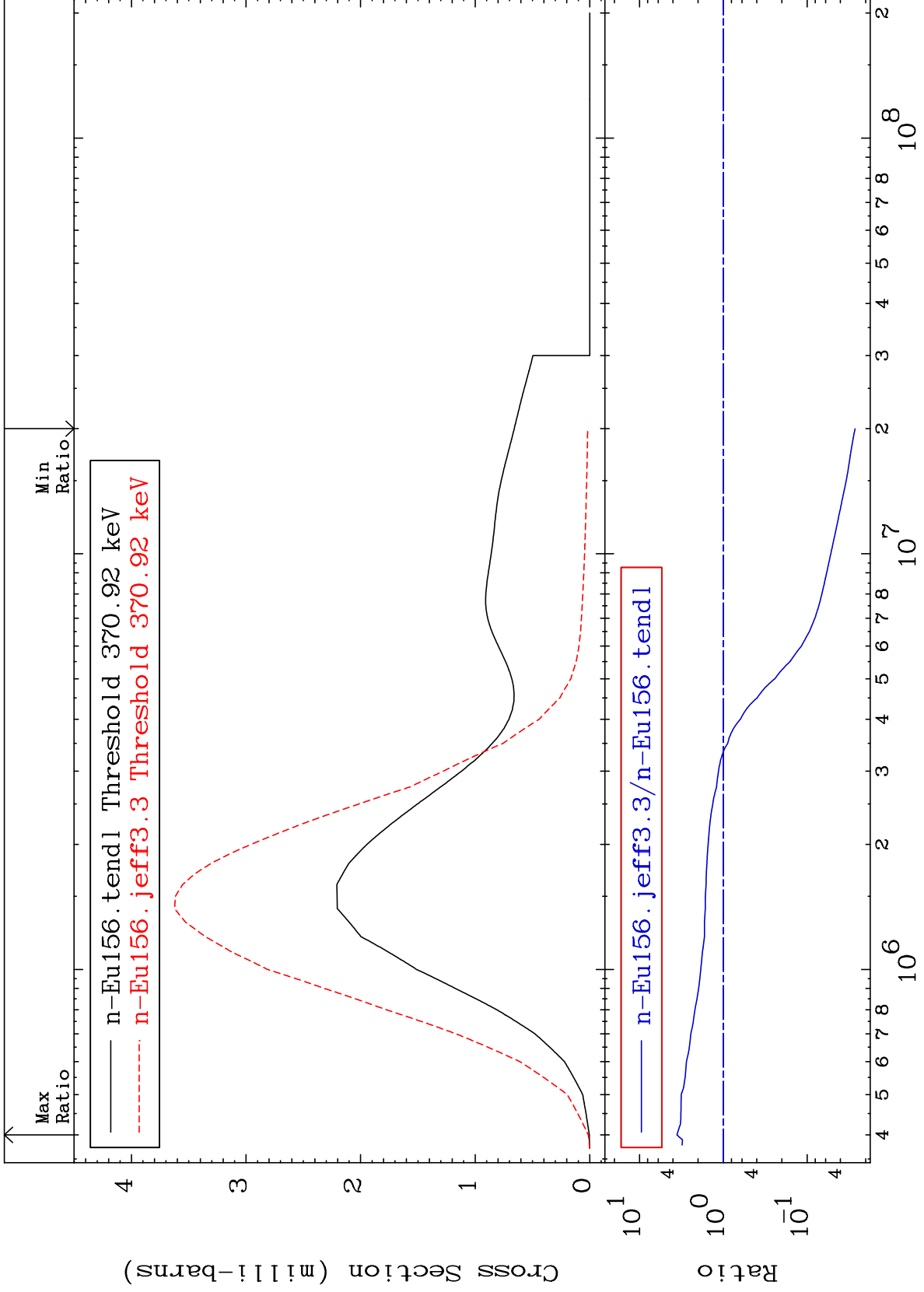
63-Eu-156
-97.68 To 249.9 %



MAT 6340

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

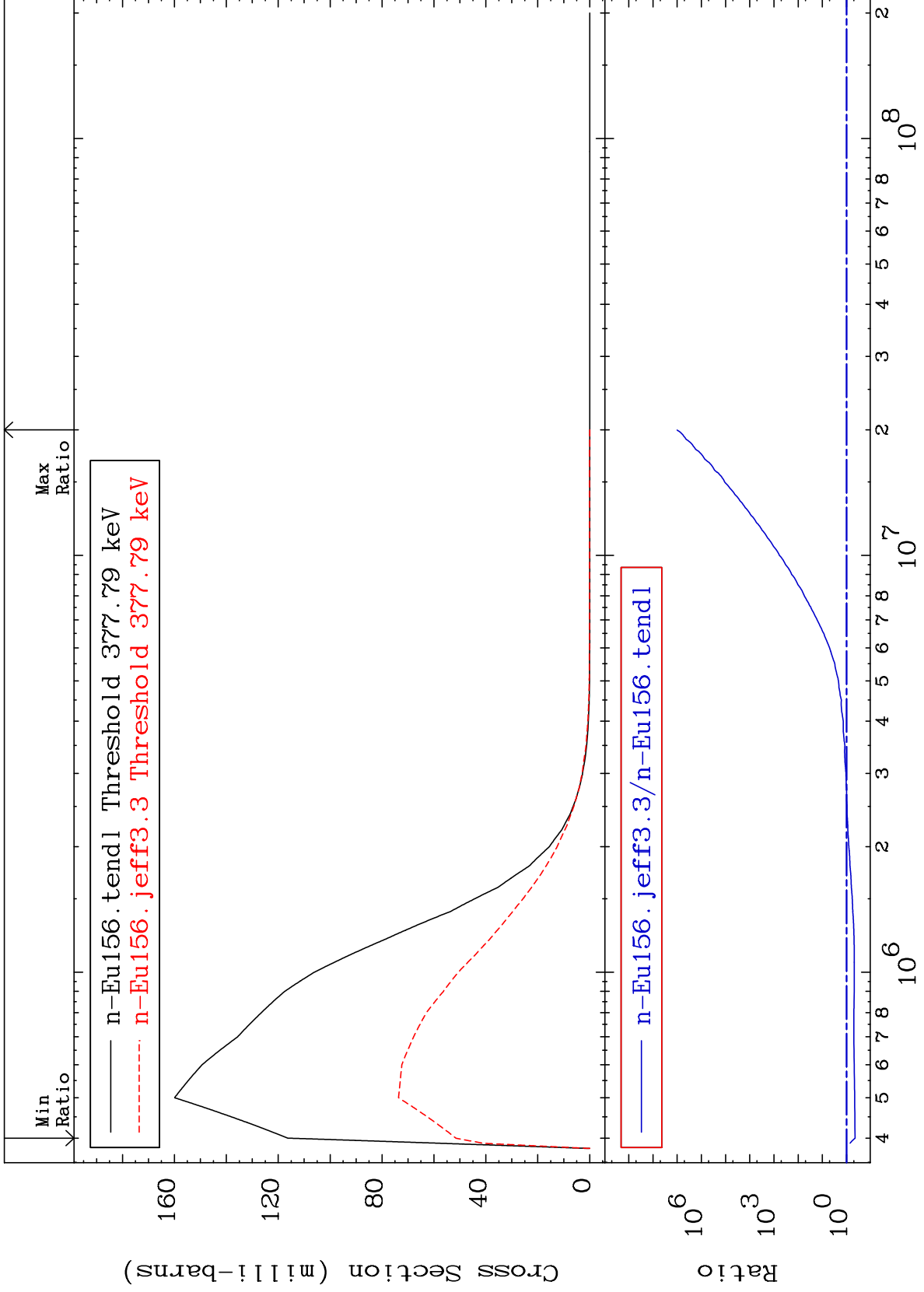
63-Eu-156
-97.32 To 258.3 %



MAT 6340

MT= 75 (n,n') Level
Cross Section

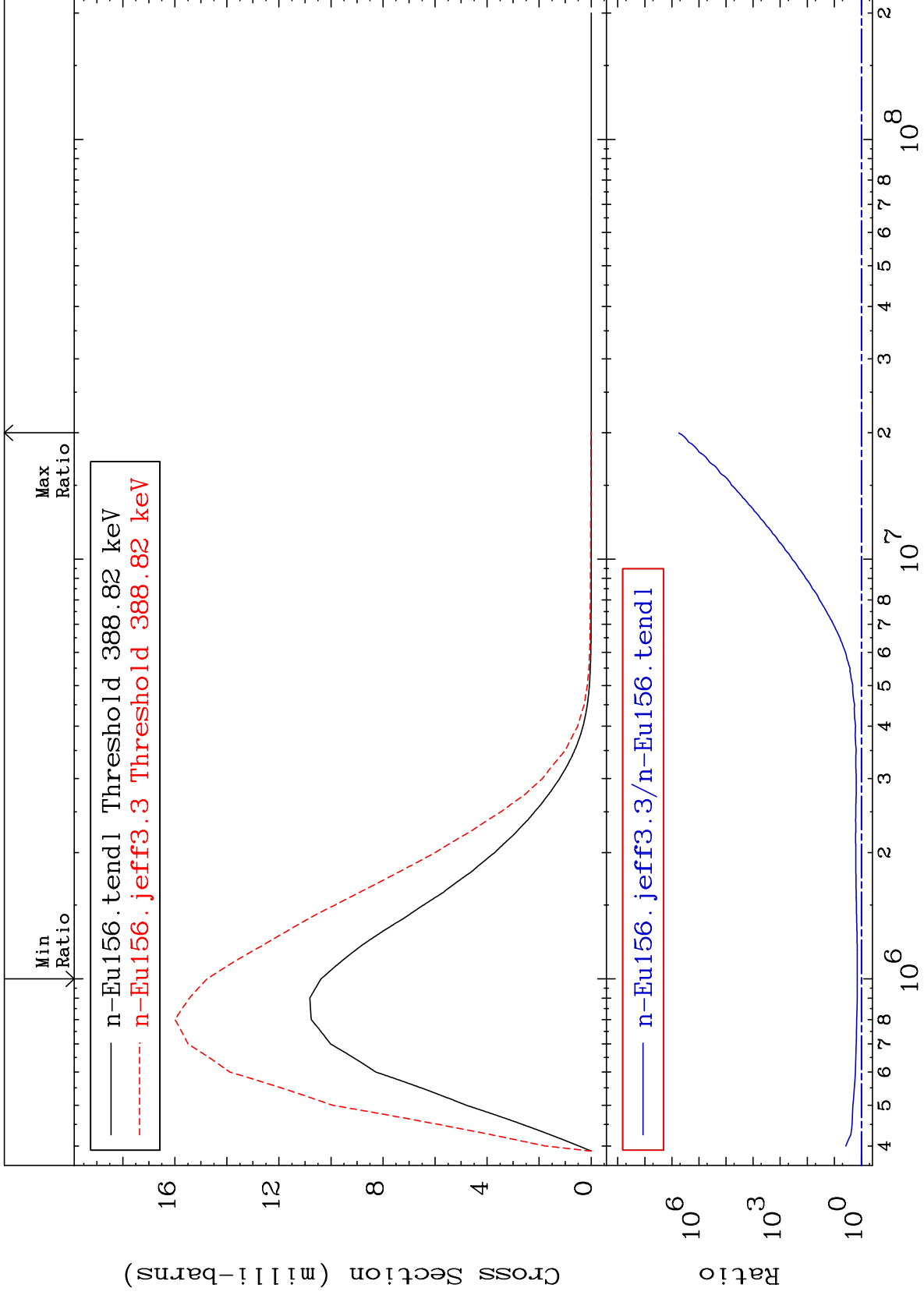
63-Eu-156
-55.66 To 9999. %



MAT 6340

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

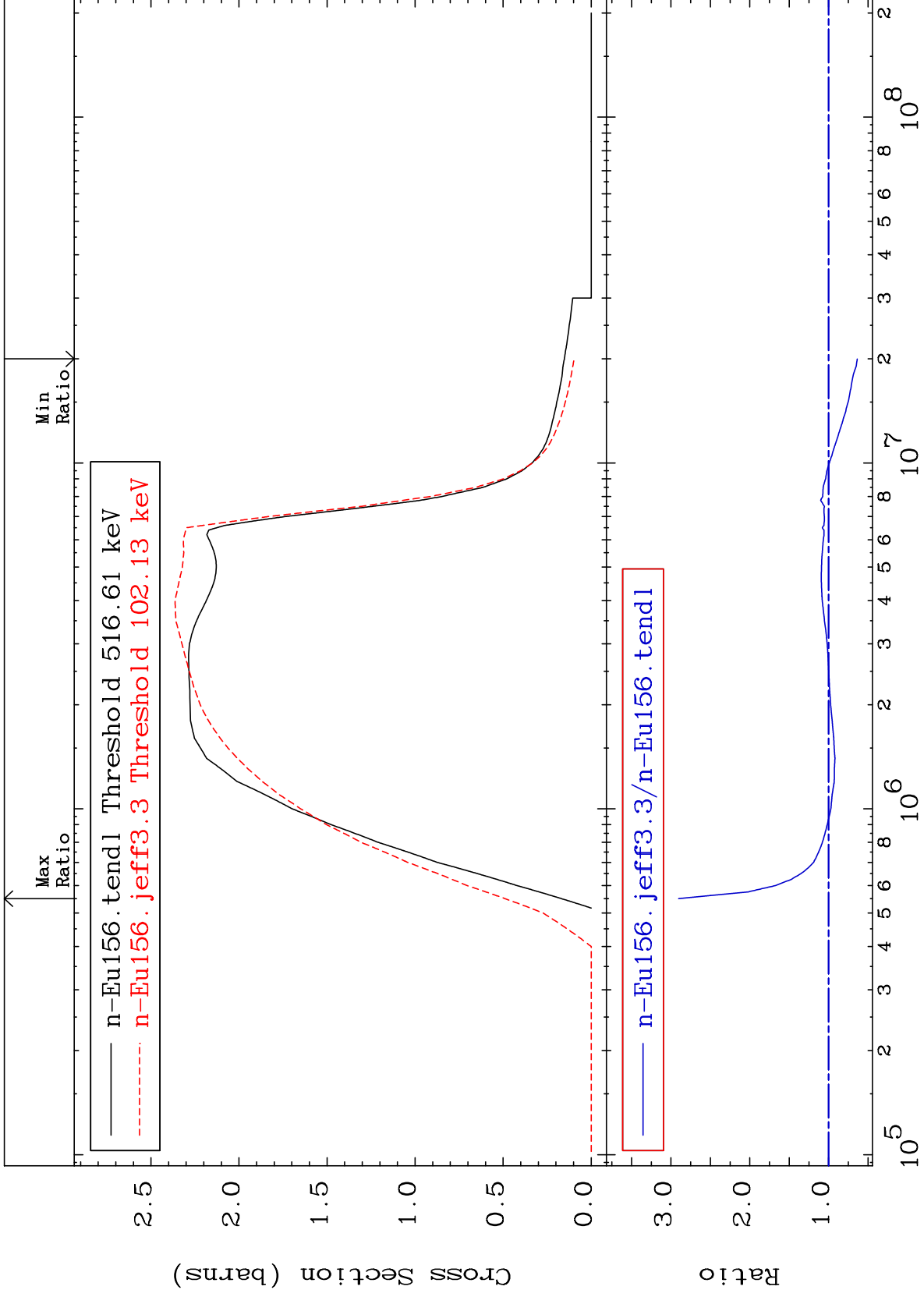
63-Eu-156
42.17 To 9999. %



MAT 6340

(n, n') Continuum
Cross Section

63-Eu-156
-36.29 To 190.3 %



38

Incident Energy (eV)

63-Eu-156

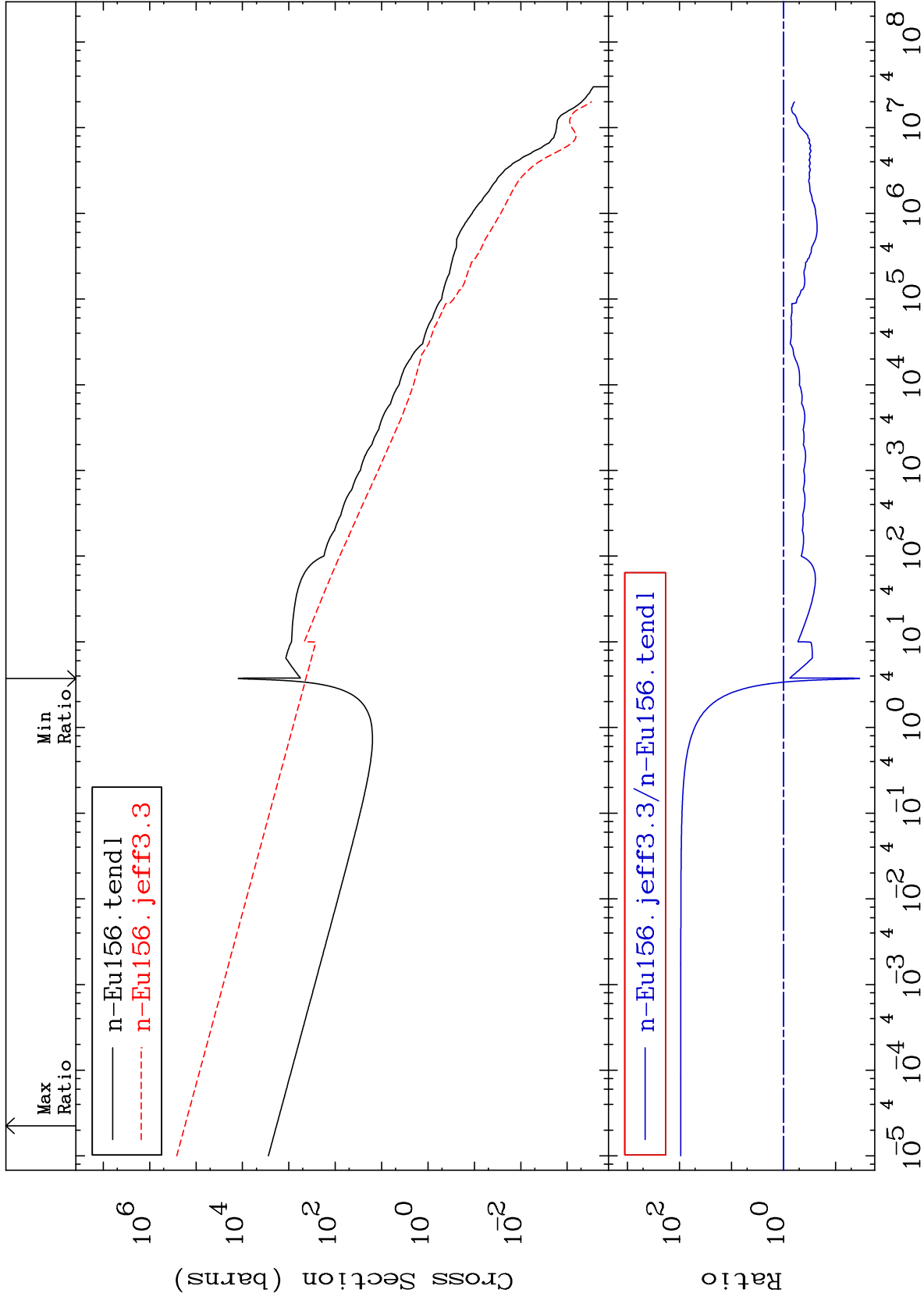
MAT 6340

(n, γ)

63-Eu-156

Cross Section

-96.54 To 9345. %



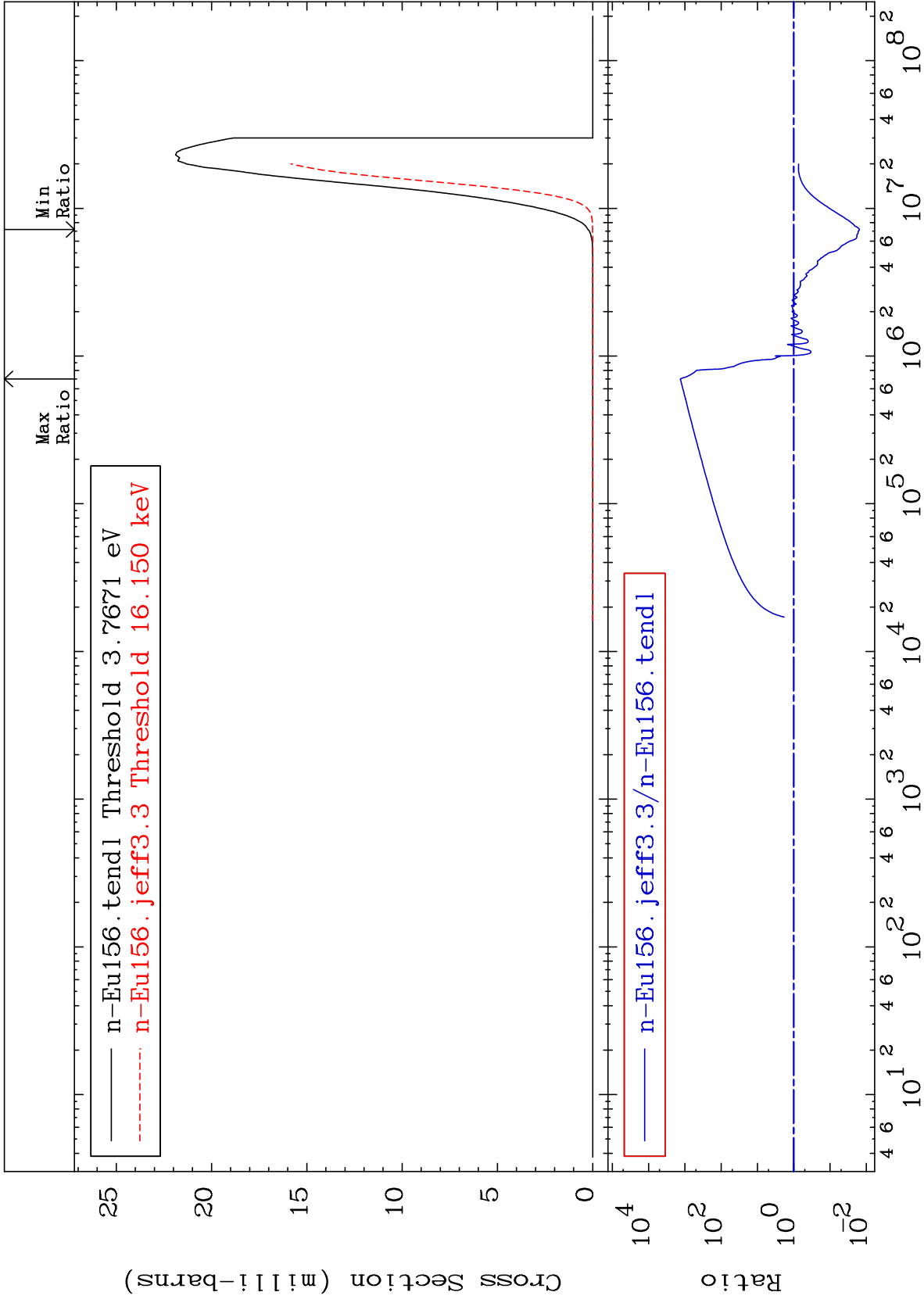
MAT 6340

(n,p)

63-Eu-156

Cross Section

-98.44 To 9999. %



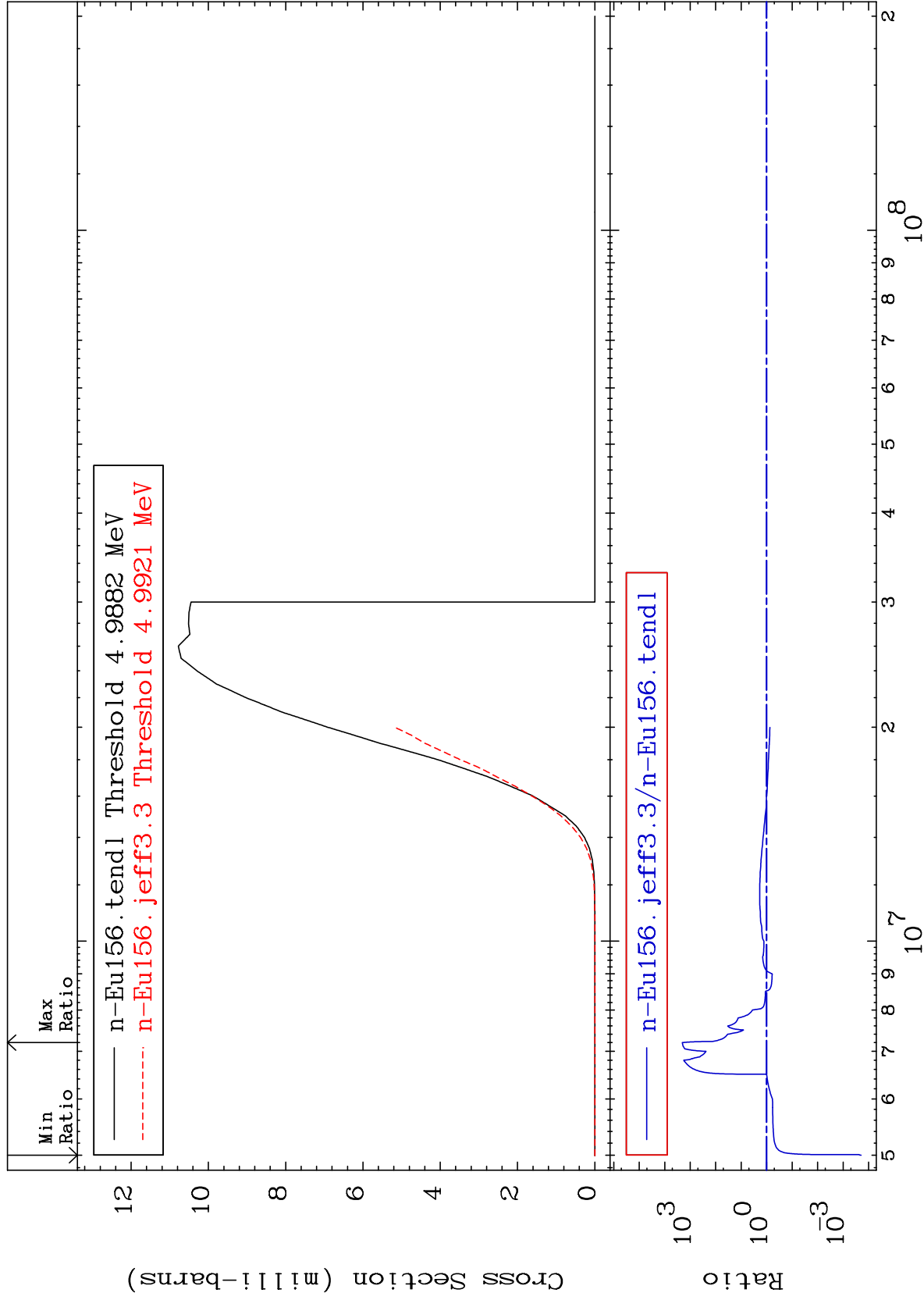
MAT 6340

(n, d)

63-Eu-156

Cross Section

-99.98 To 9999. %



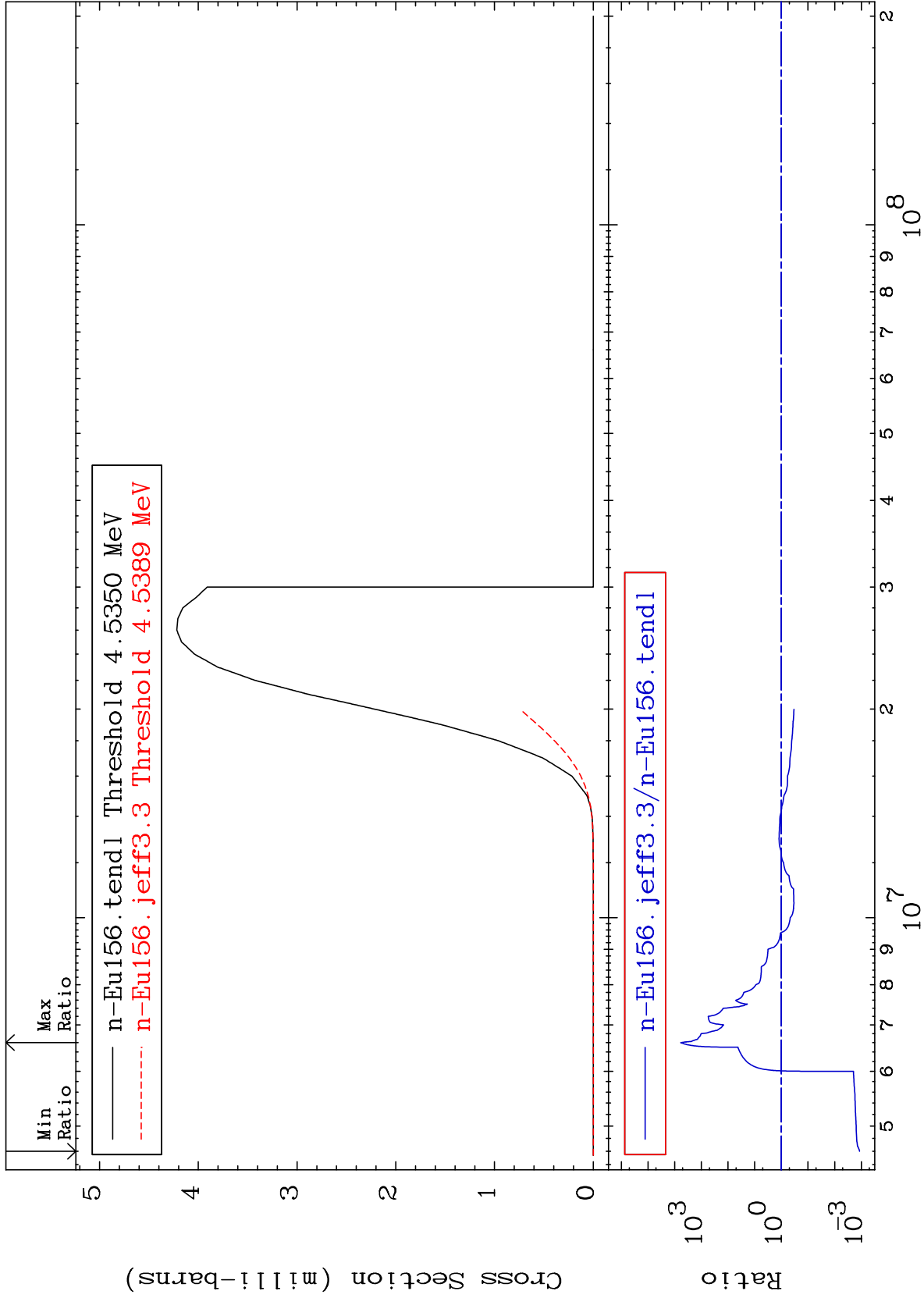
MAT 6340

(n, t)

63-Eu-156

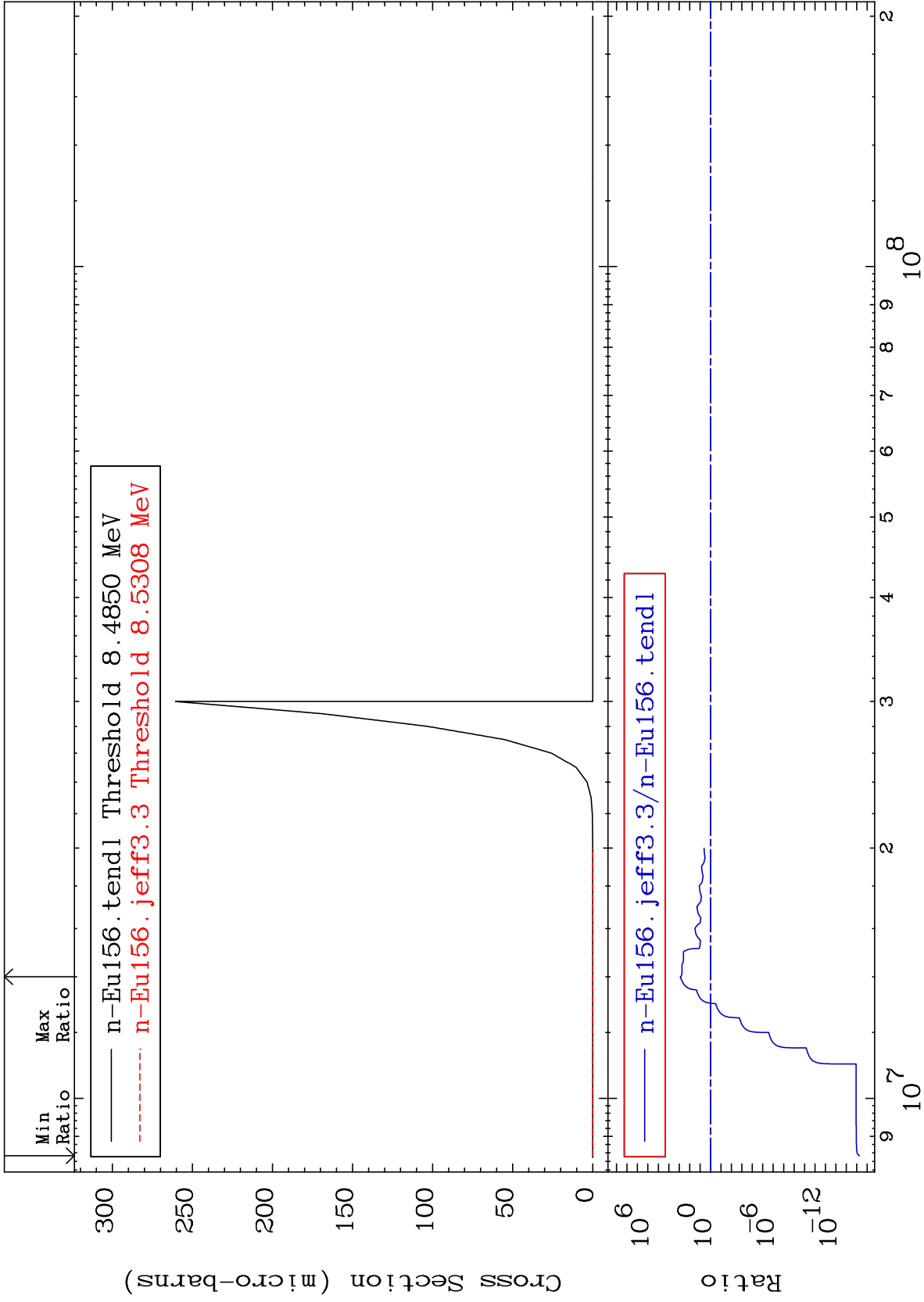
Cross Section

-99.88 To 9999. %



Cross Section

-100.0 To 9999. %



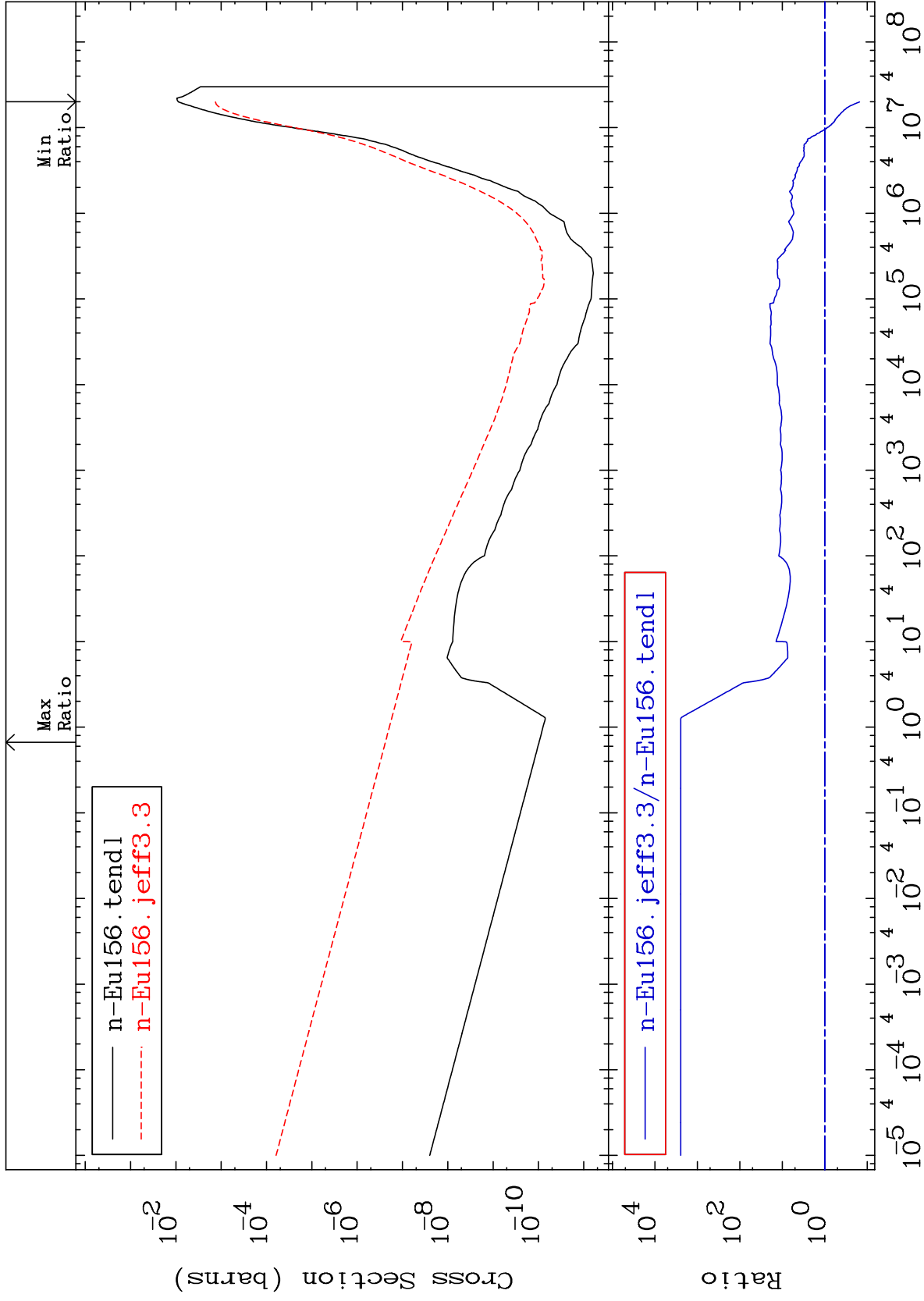
MAT 6340

(n, α)

63-Eu-156

Cross Section

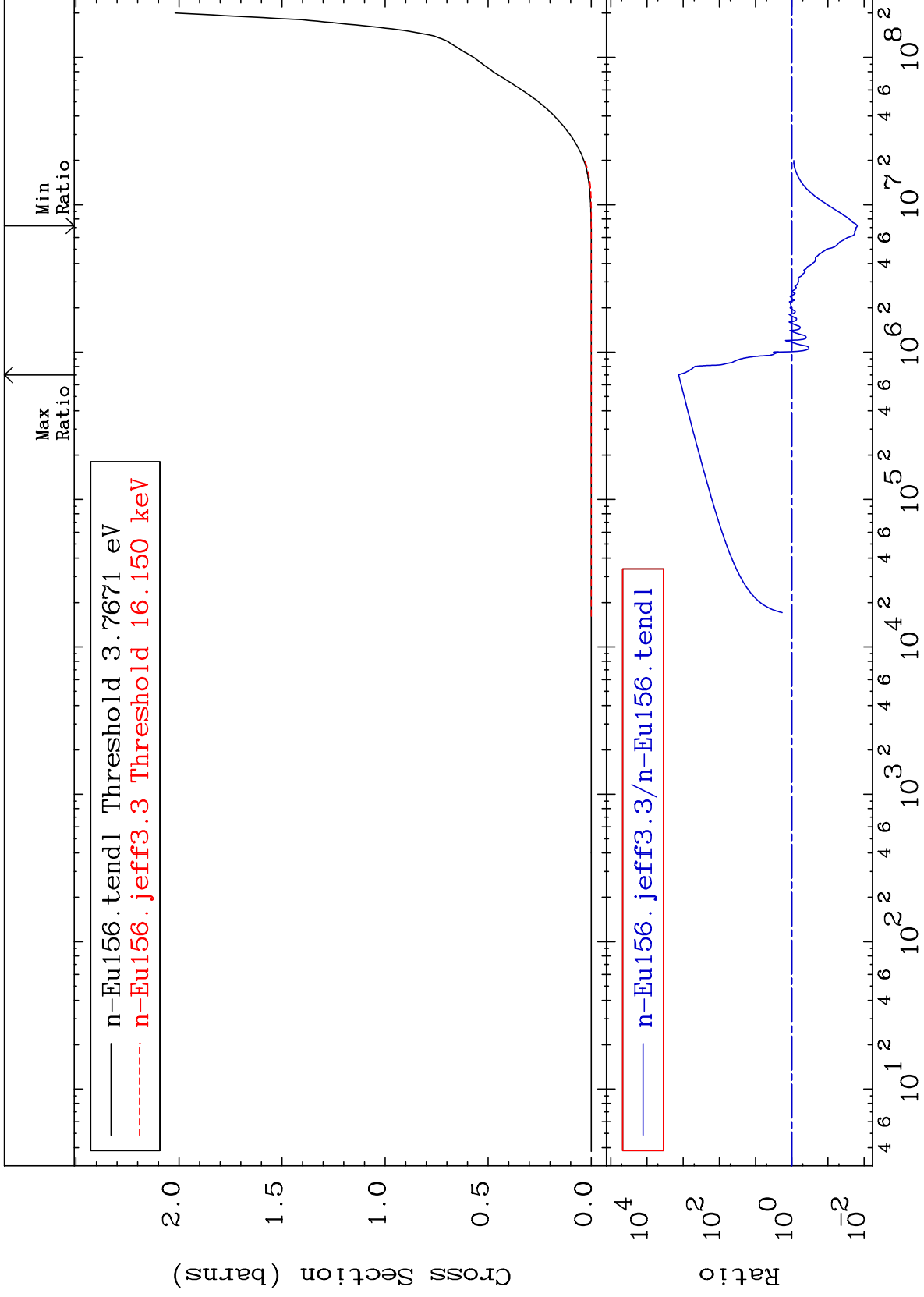
-84.90 To 9999. %



MAT 6340

Hydrogen Production
Cross Section

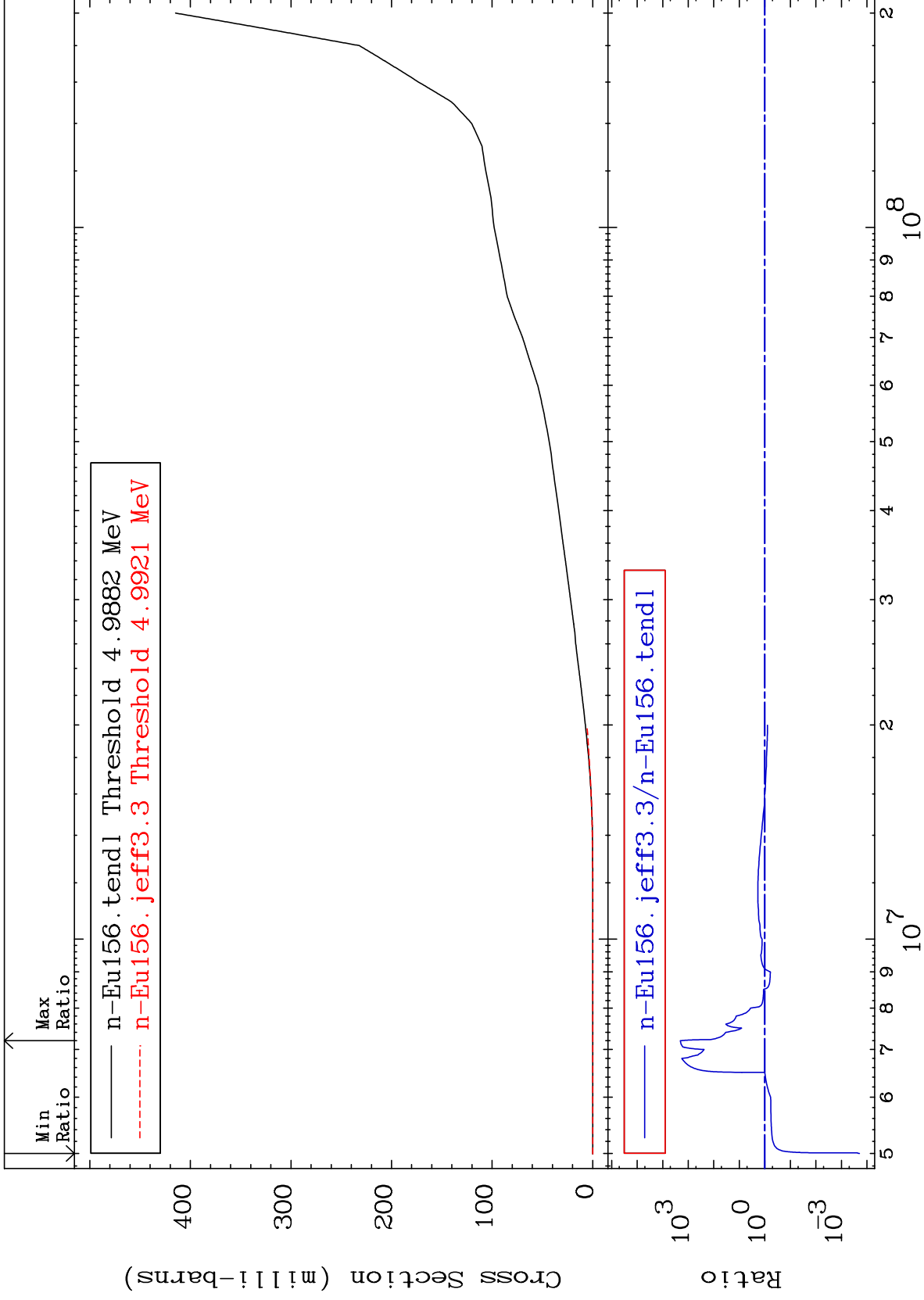
63-Eu-156
-98.44 To 9999. %



MAT 6340

Deuterium Production
Cross Section

63-Eu-156
-99.98 To 9999. %



46

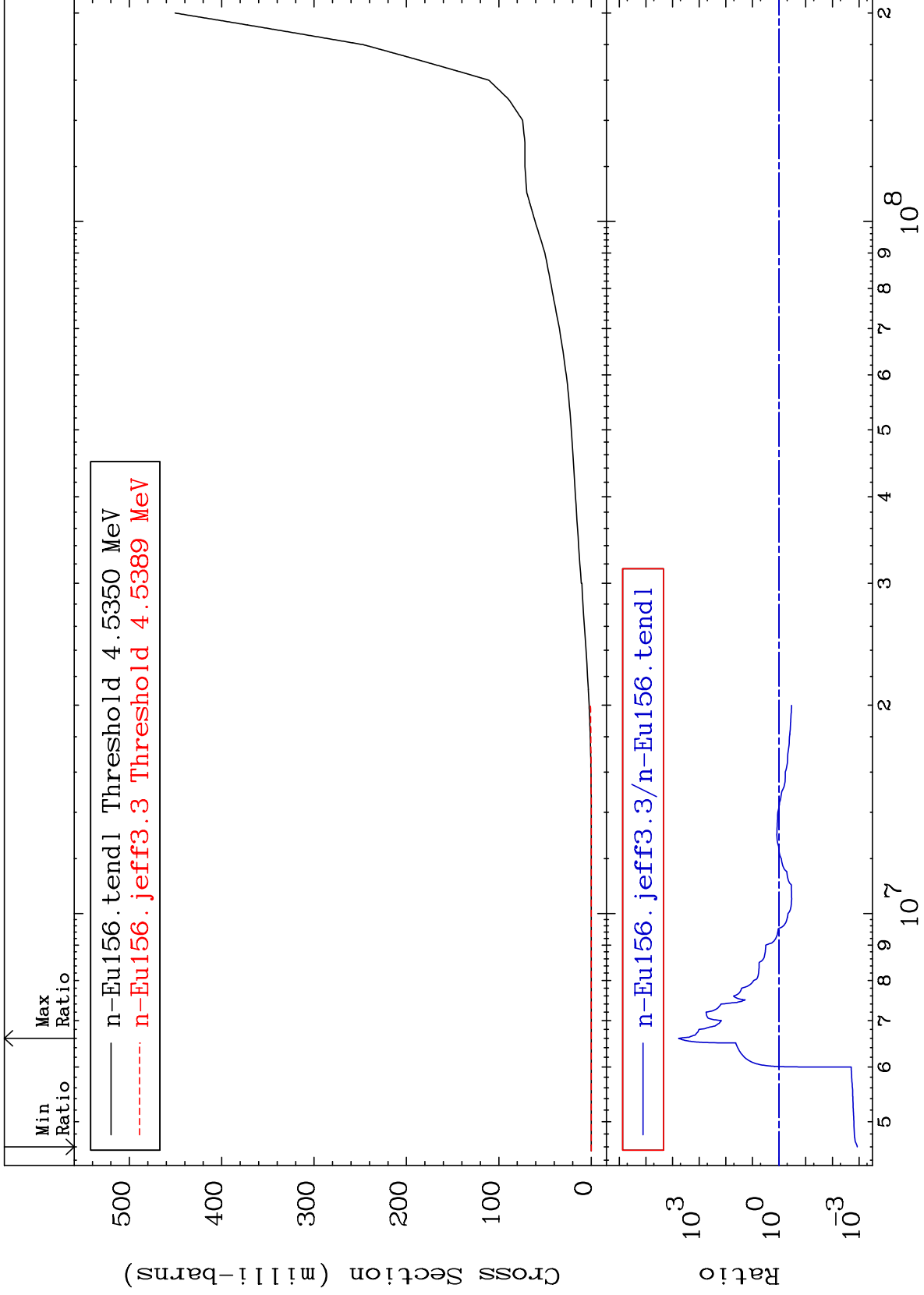
Incident Energy (eV)

63-Eu-156

MAT 6340

Tritium Production
Cross Section

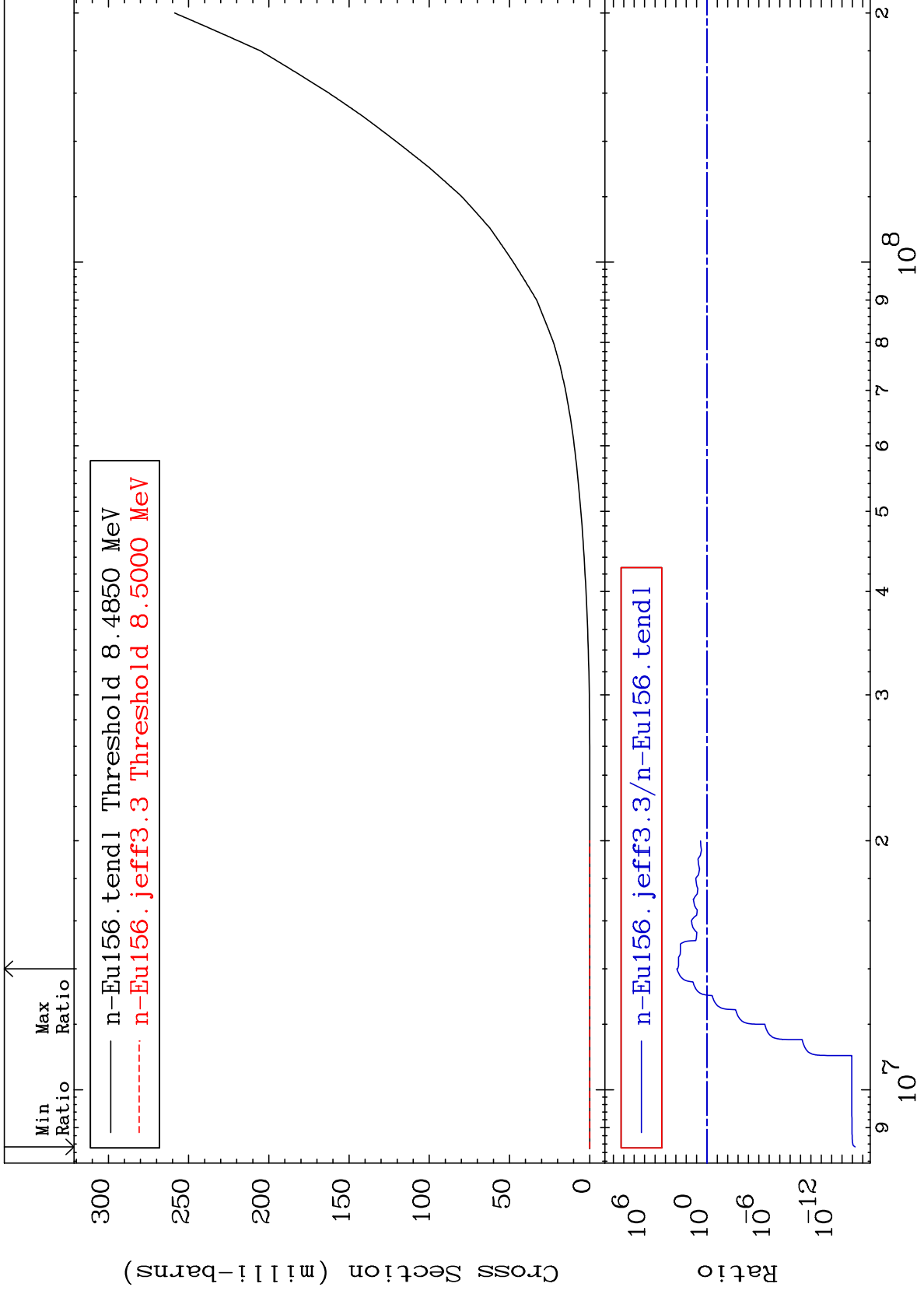
63-Eu-156
-99.88 To 9999. %



MAT 6340

He-3 Production
Cross Section

63-Eu-156
-100.0 To 9999. %



48

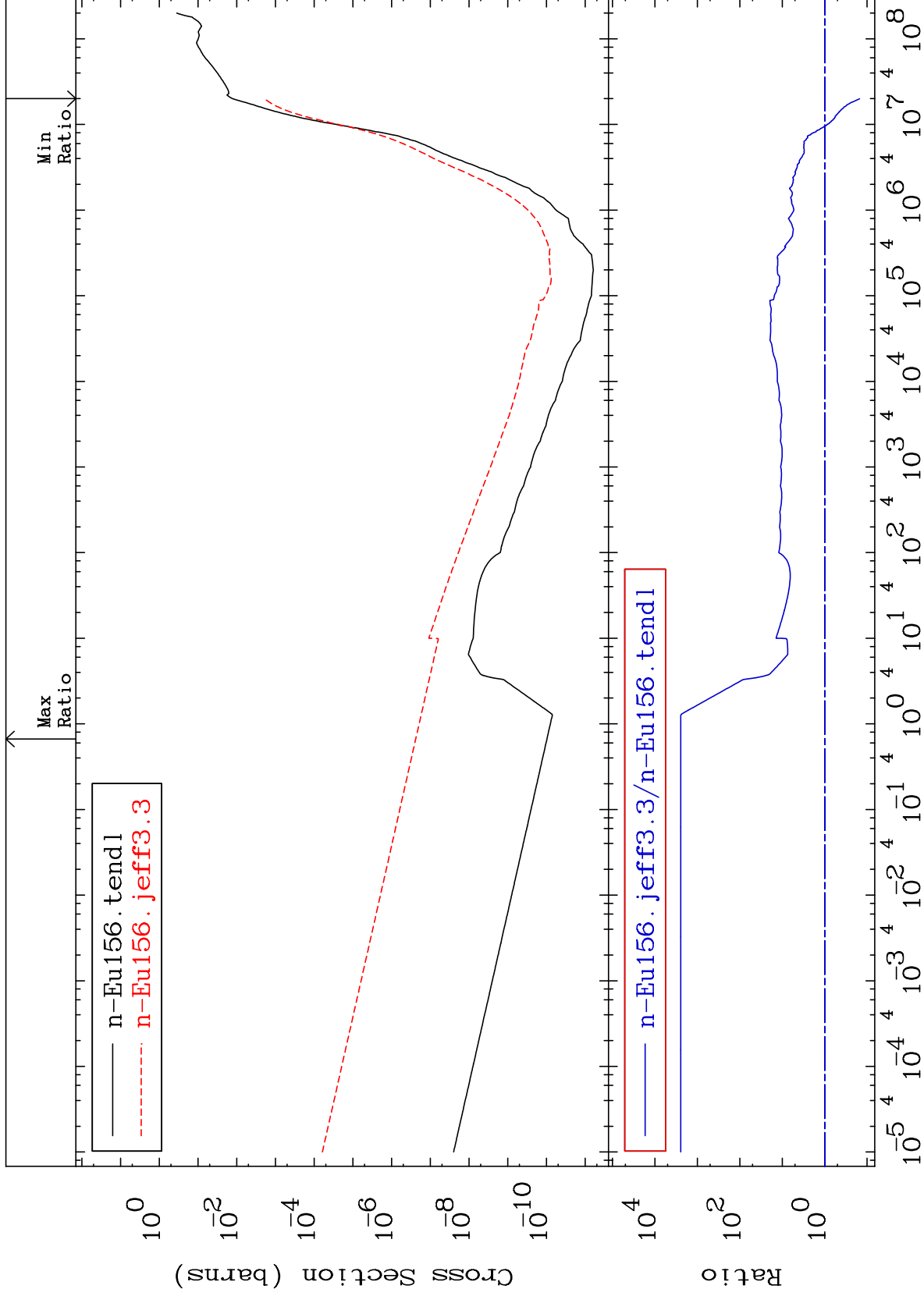
Incident Energy (eV)

63-Eu-156

MAT 6340

He-4 Production
Cross Section

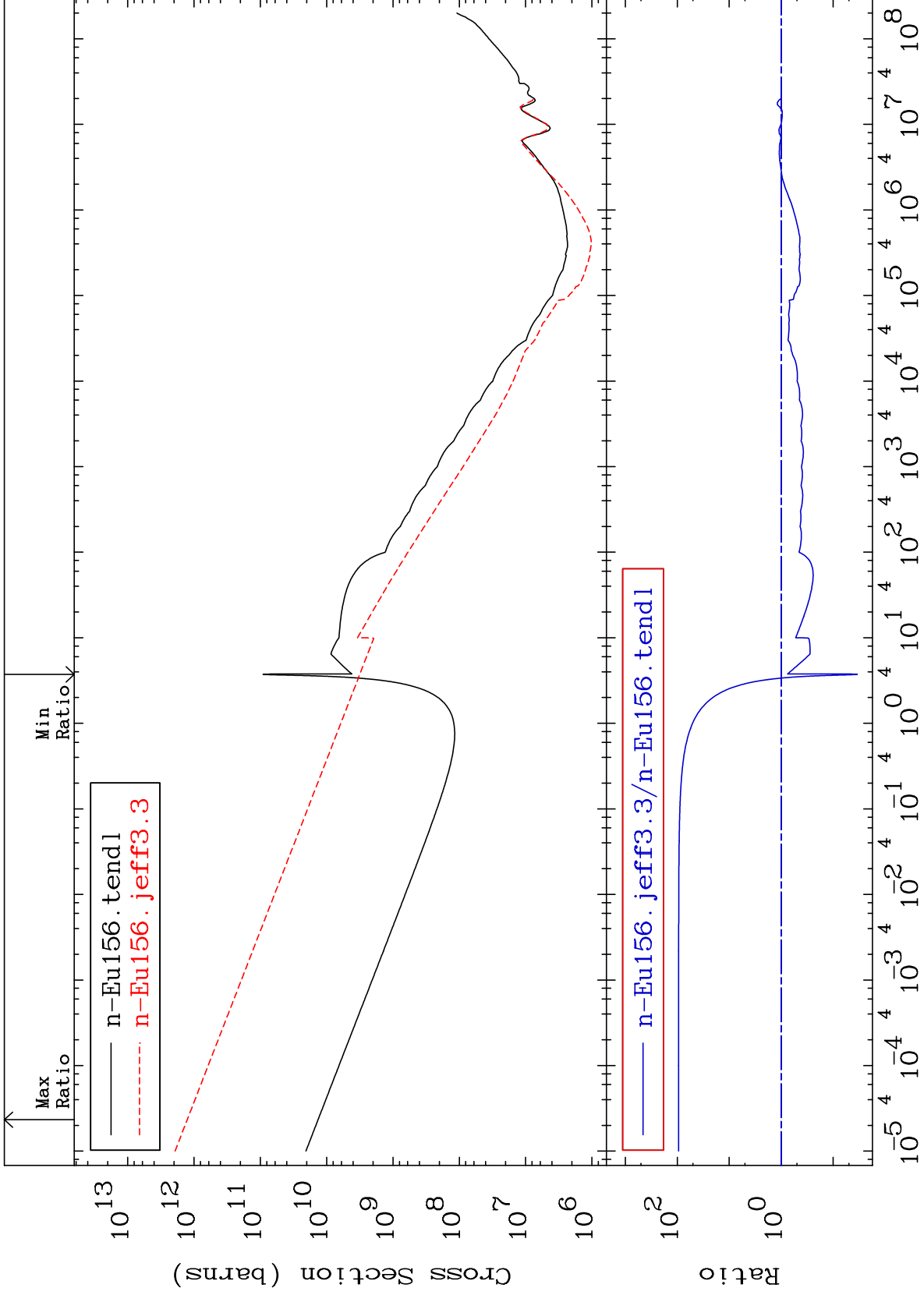
63-Eu-156
-84.92 To 9999. %



MAT 6340

Kerma total (eV-barns)
Cross Section

63-Eu-156
-96.56 To 9306. %



50

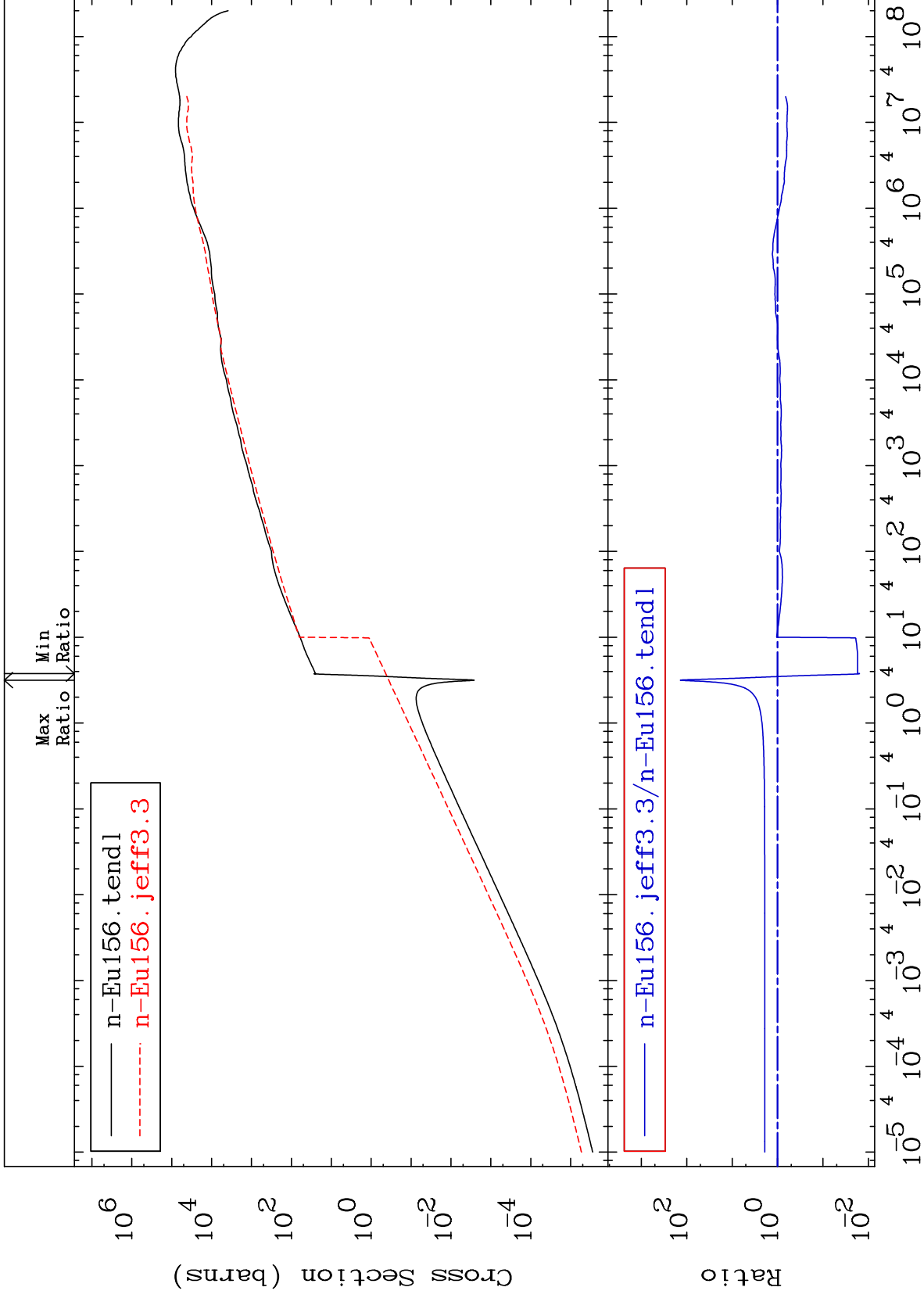
Incident Energy (eV)

63-Eu-156

MAT 6340

Kerma elastic
Cross Section

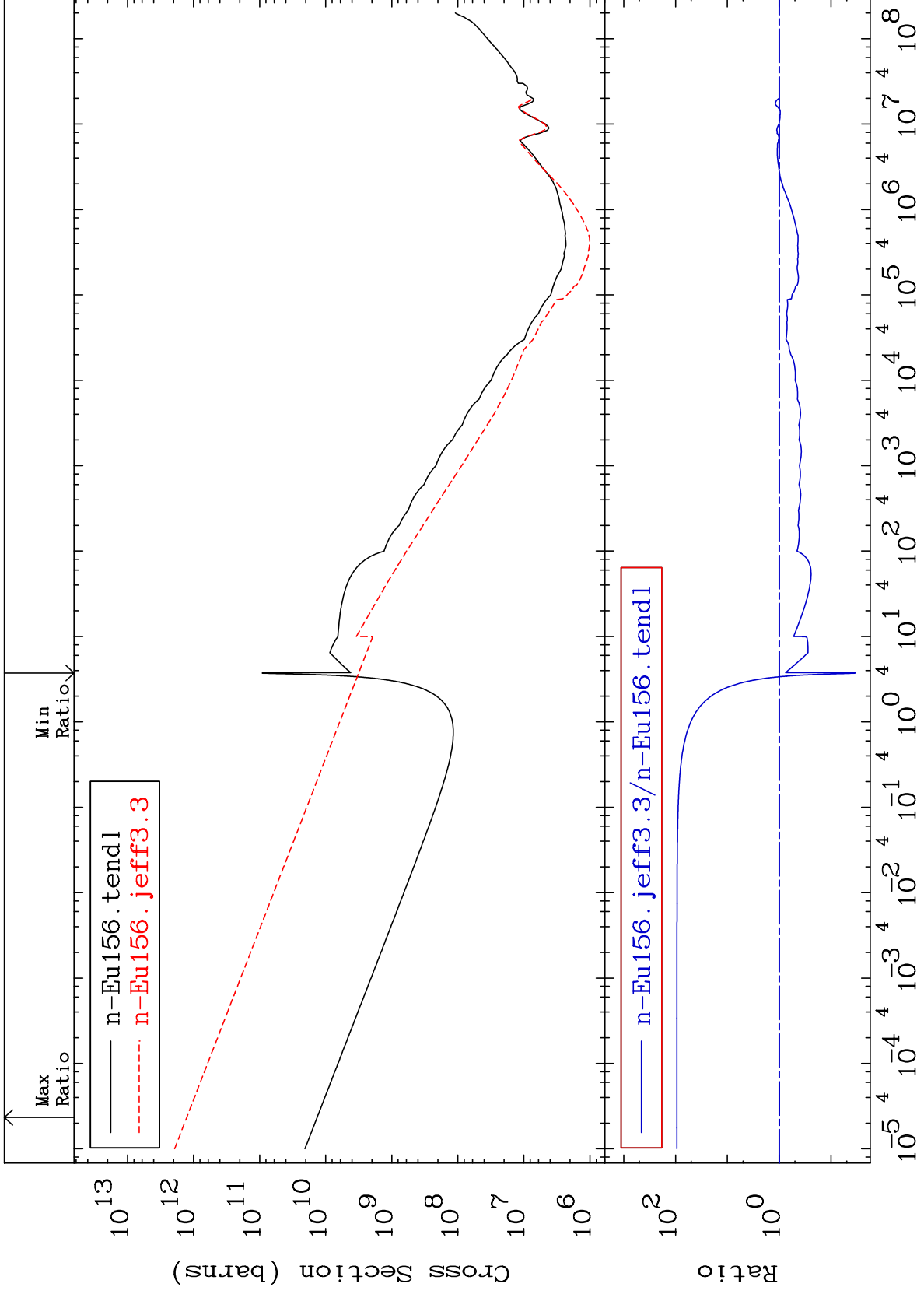
63-Eu-156
-98.42 To 9999. %

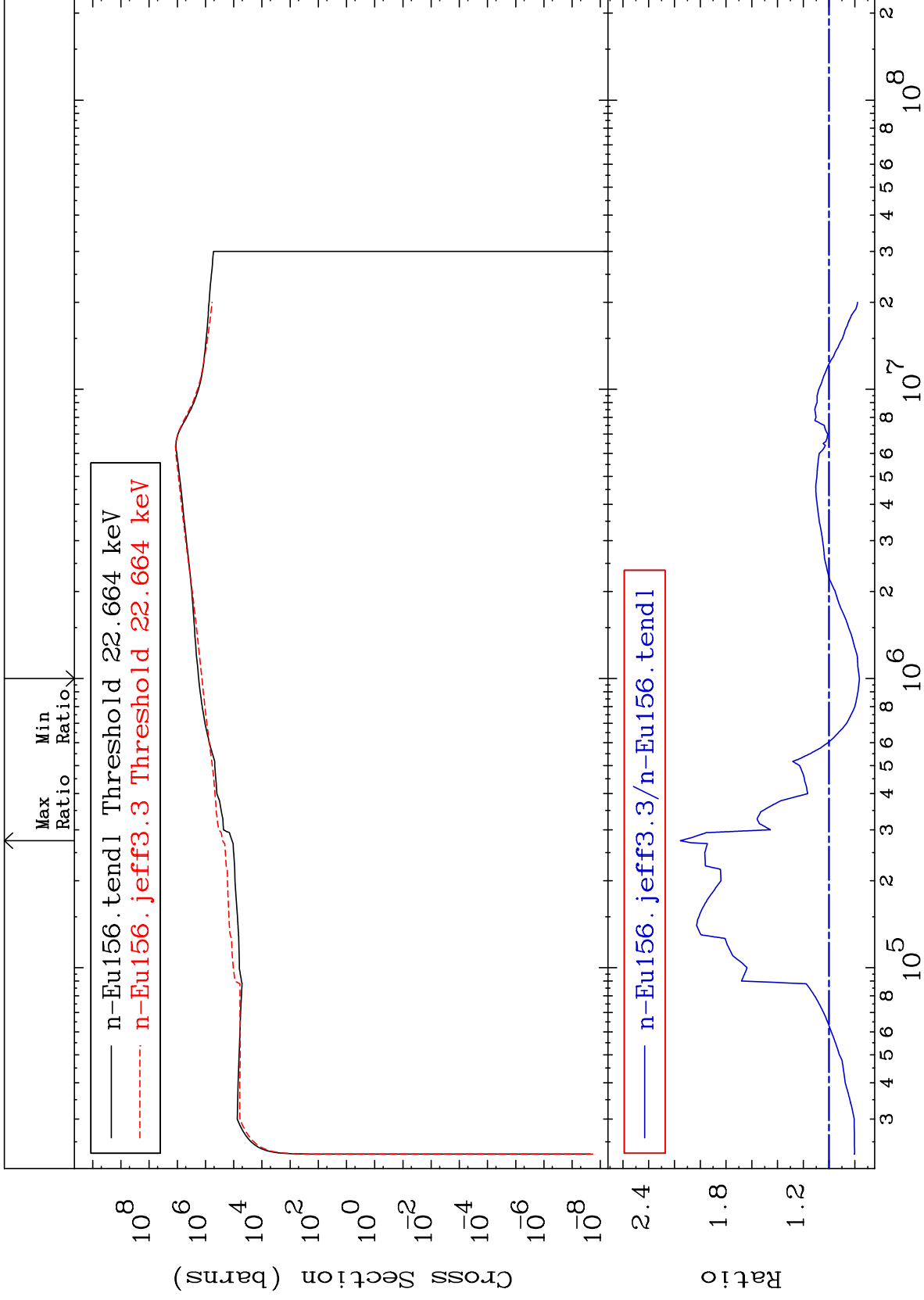


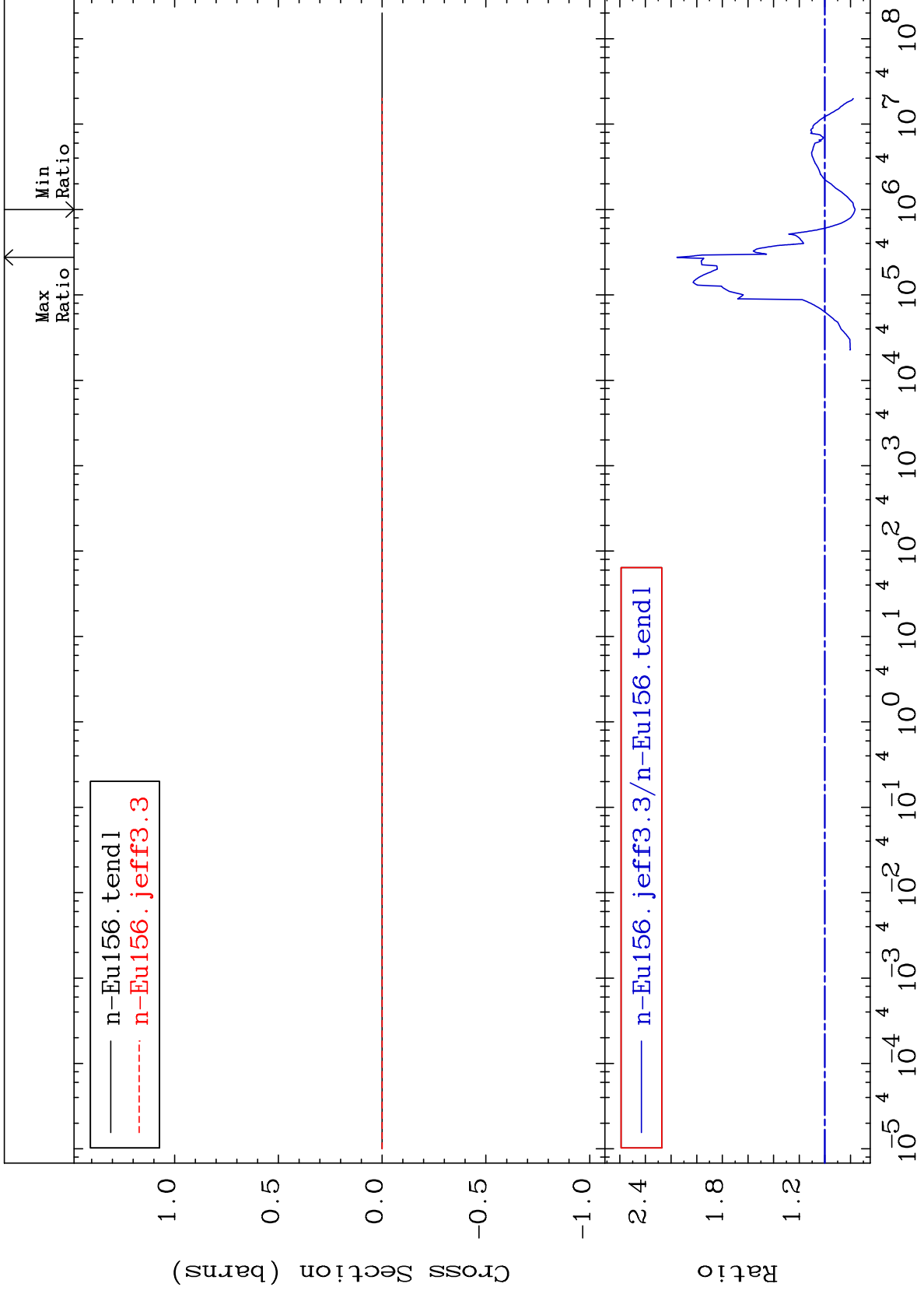
MAT 6340

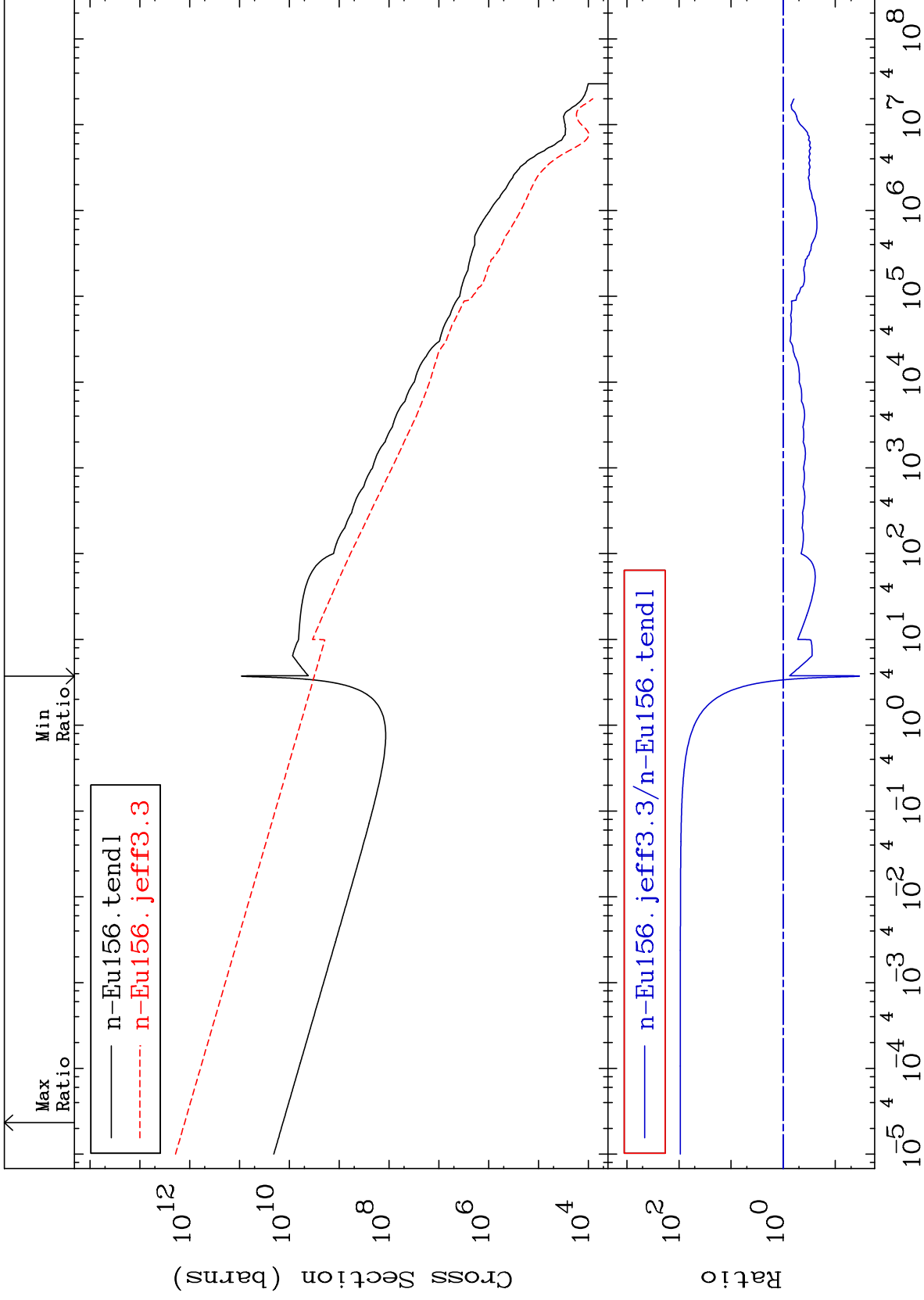
Kerma non-elastic (all but mt2)
Cross Section

63-Eu-156
-96.56 To 9306. %





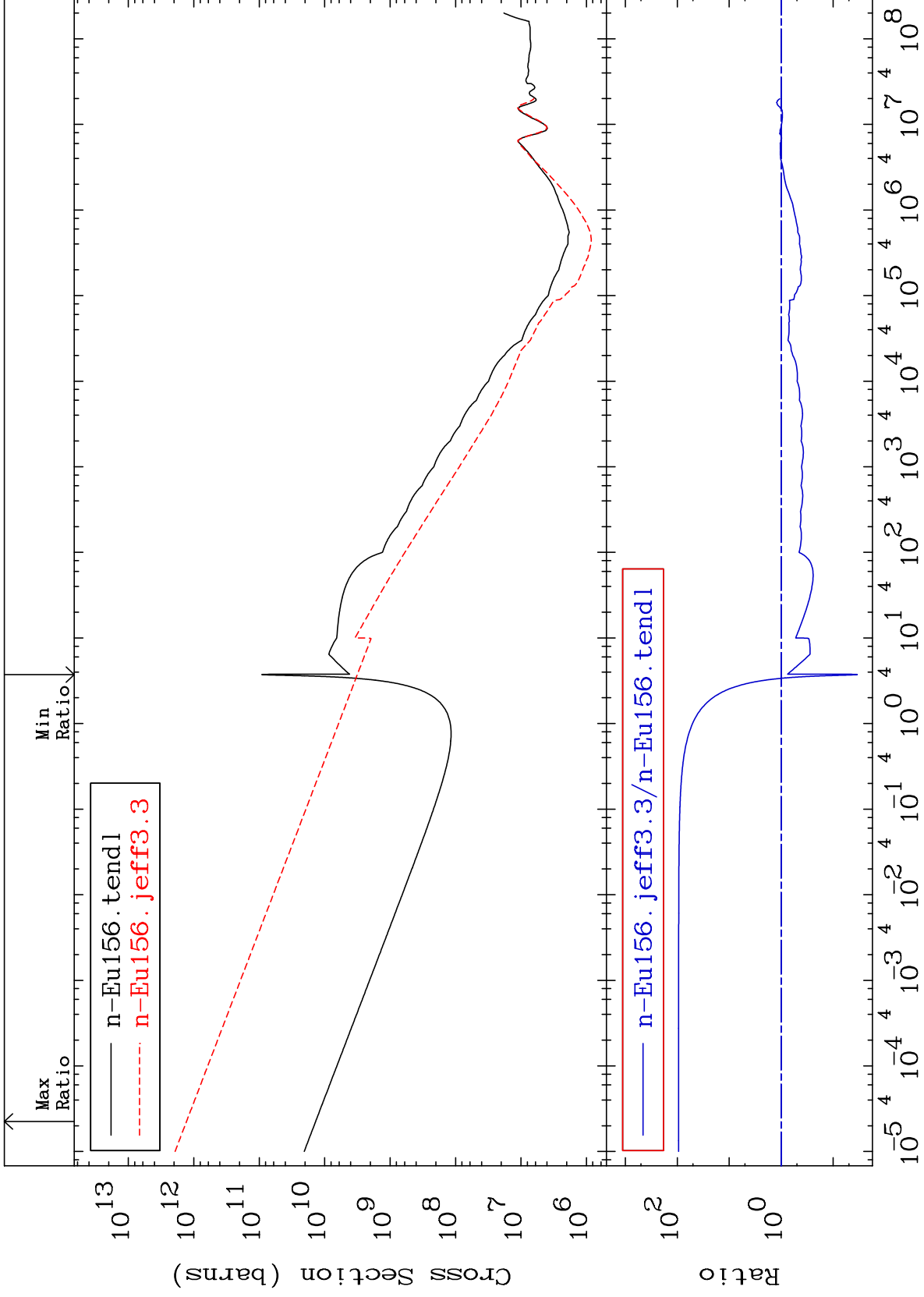




MAT 6340

Total photon (eV-barns)
Cross Section

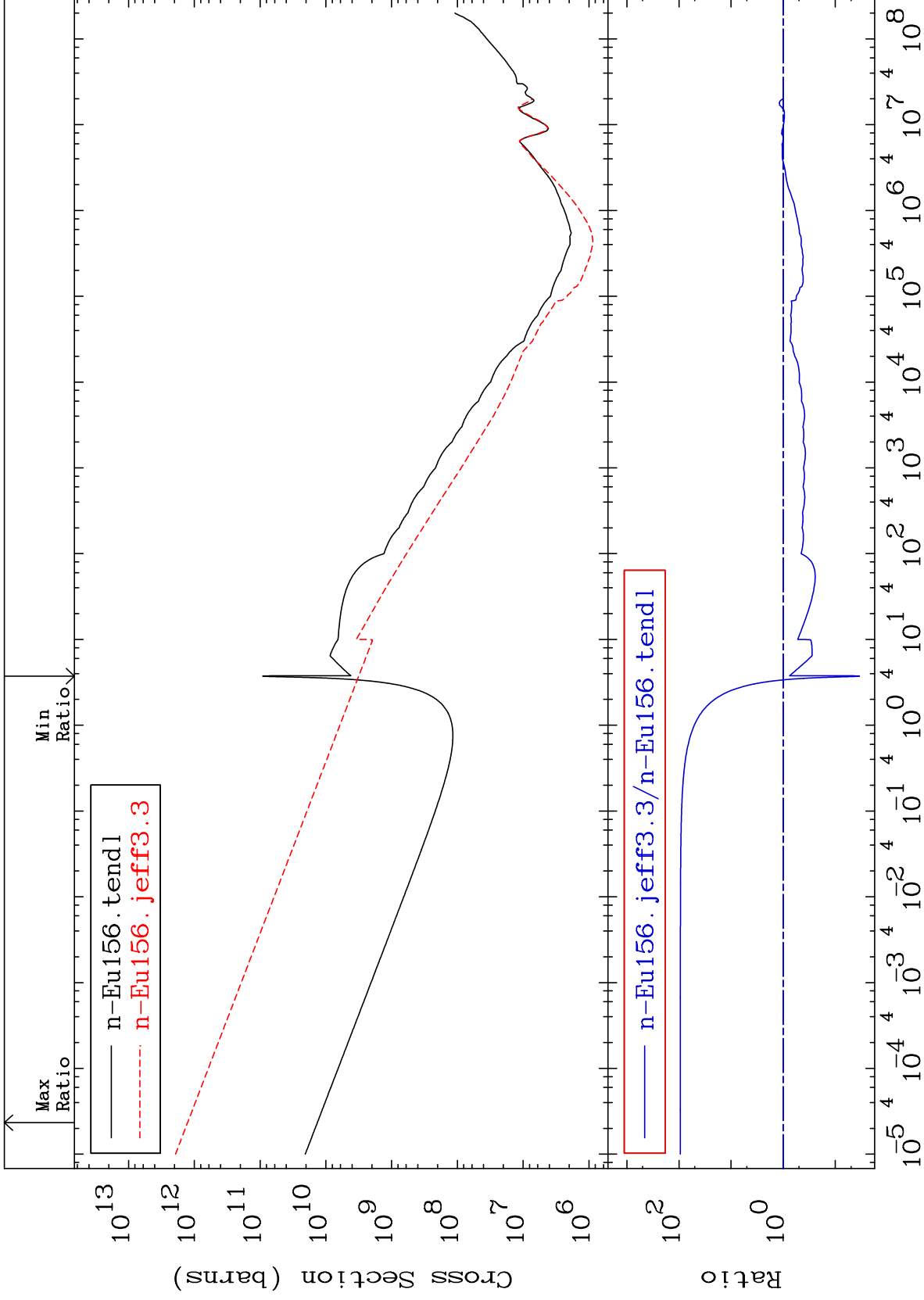
63-Eu-156
-96.56 To 9306. %



56

Incident Energy (eV)

63-Eu-156



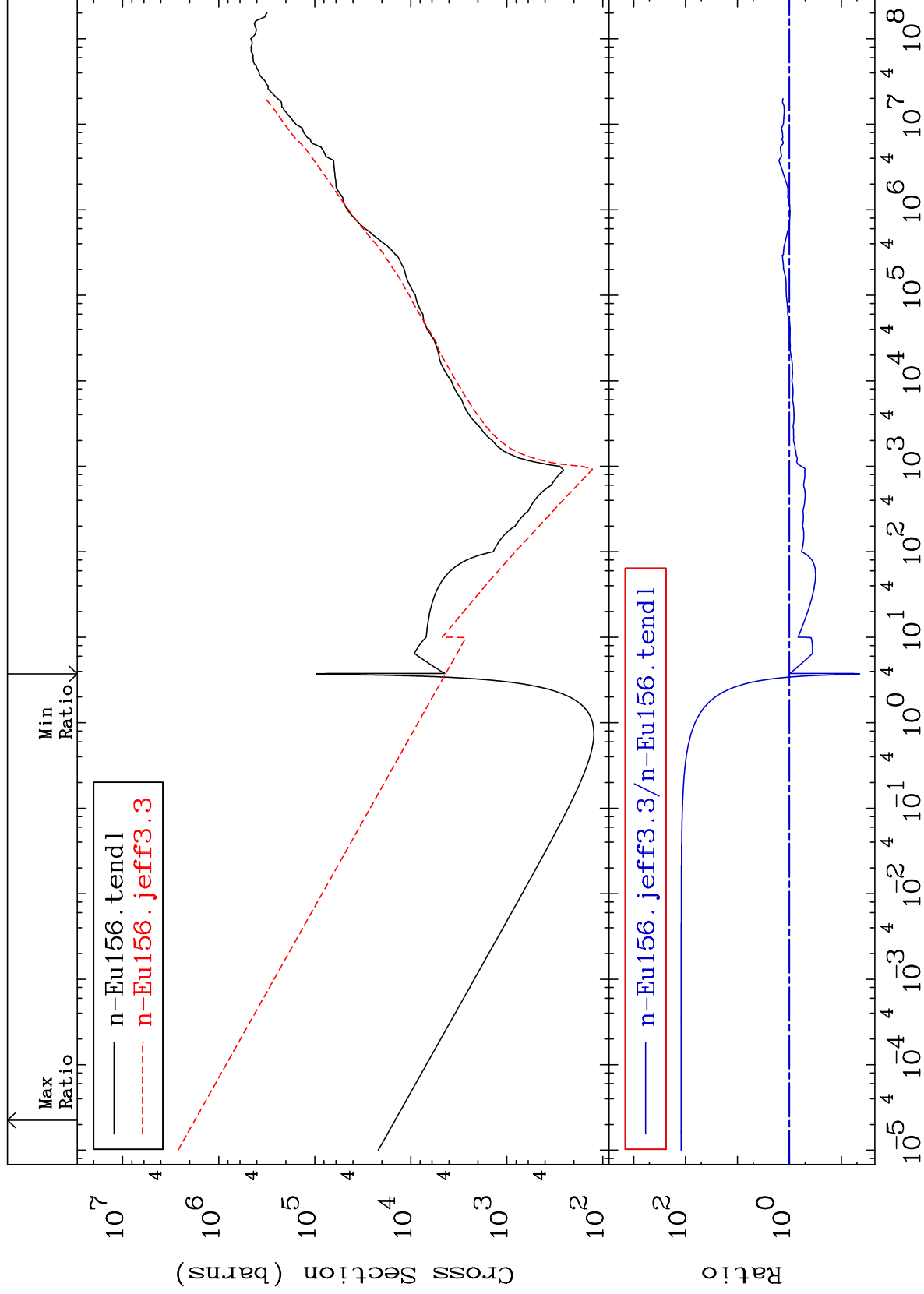
MAT 6340

Dpa total (eV-barns)

63-Eu-156

-95.54 To 9999. %

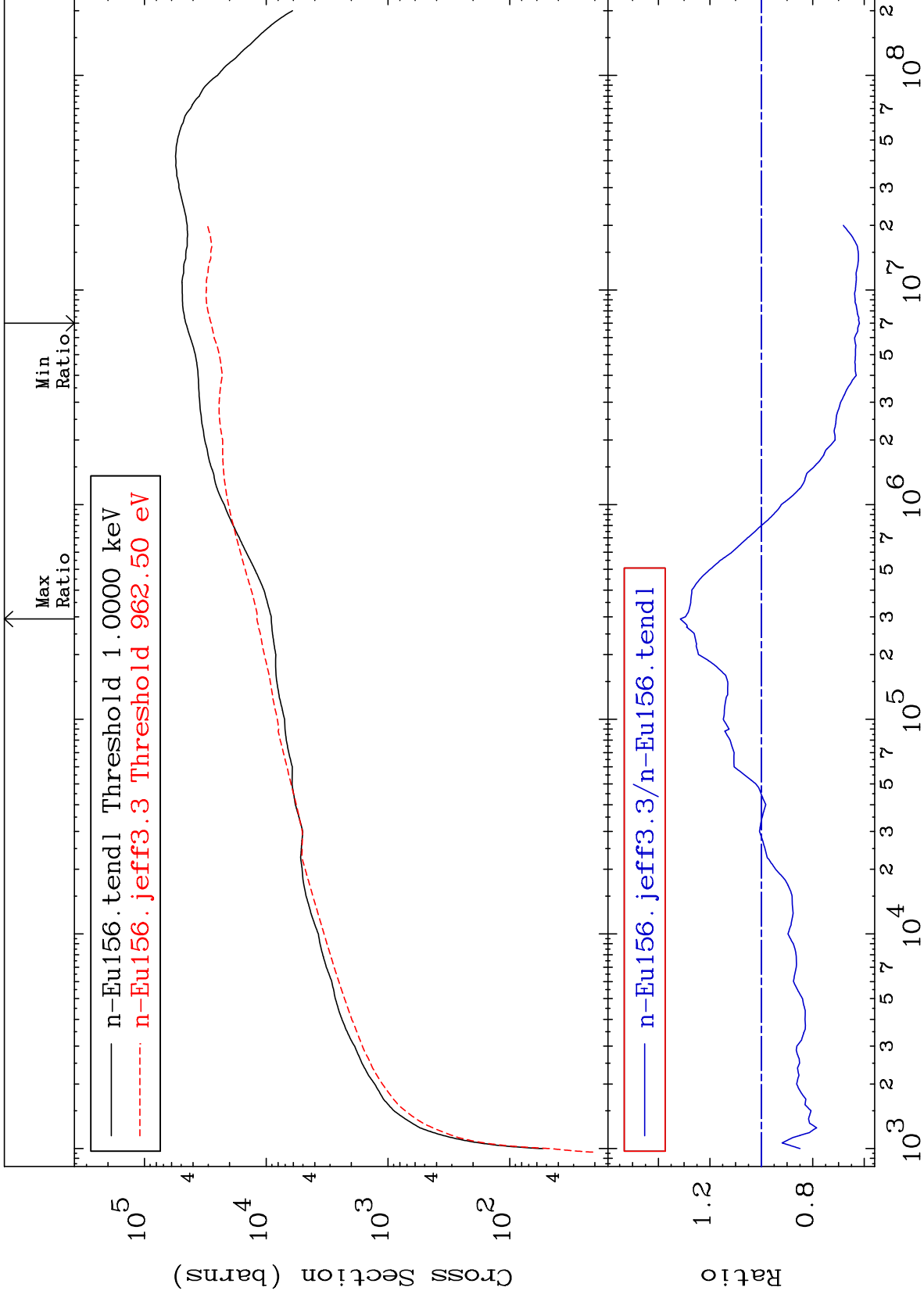
Cross Section



MAT 6340

Dpa elastic (mt2)
Cross Section

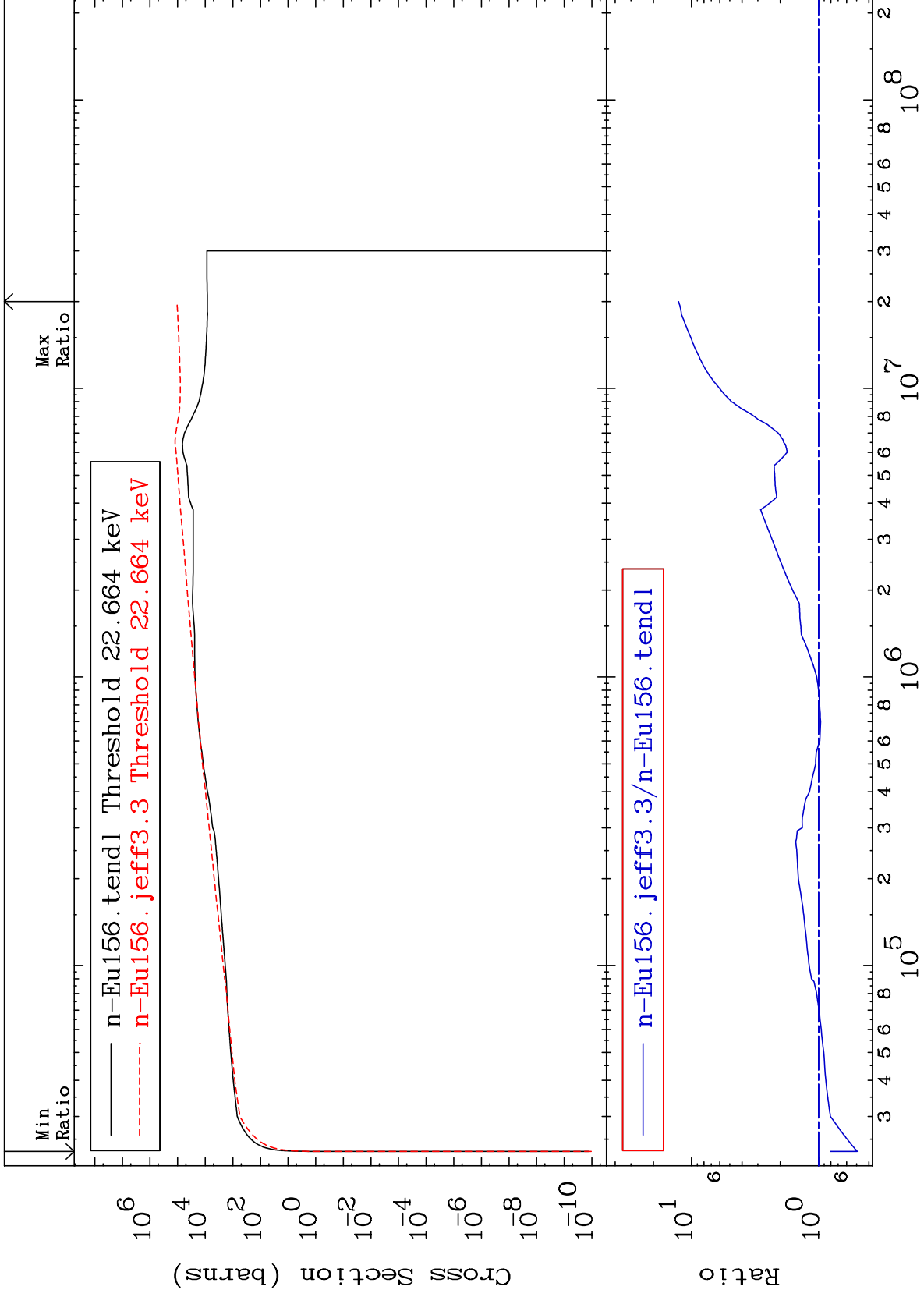
63-Eu-156
-38.11 To 31.45 %



59

Incident Energy (eV)

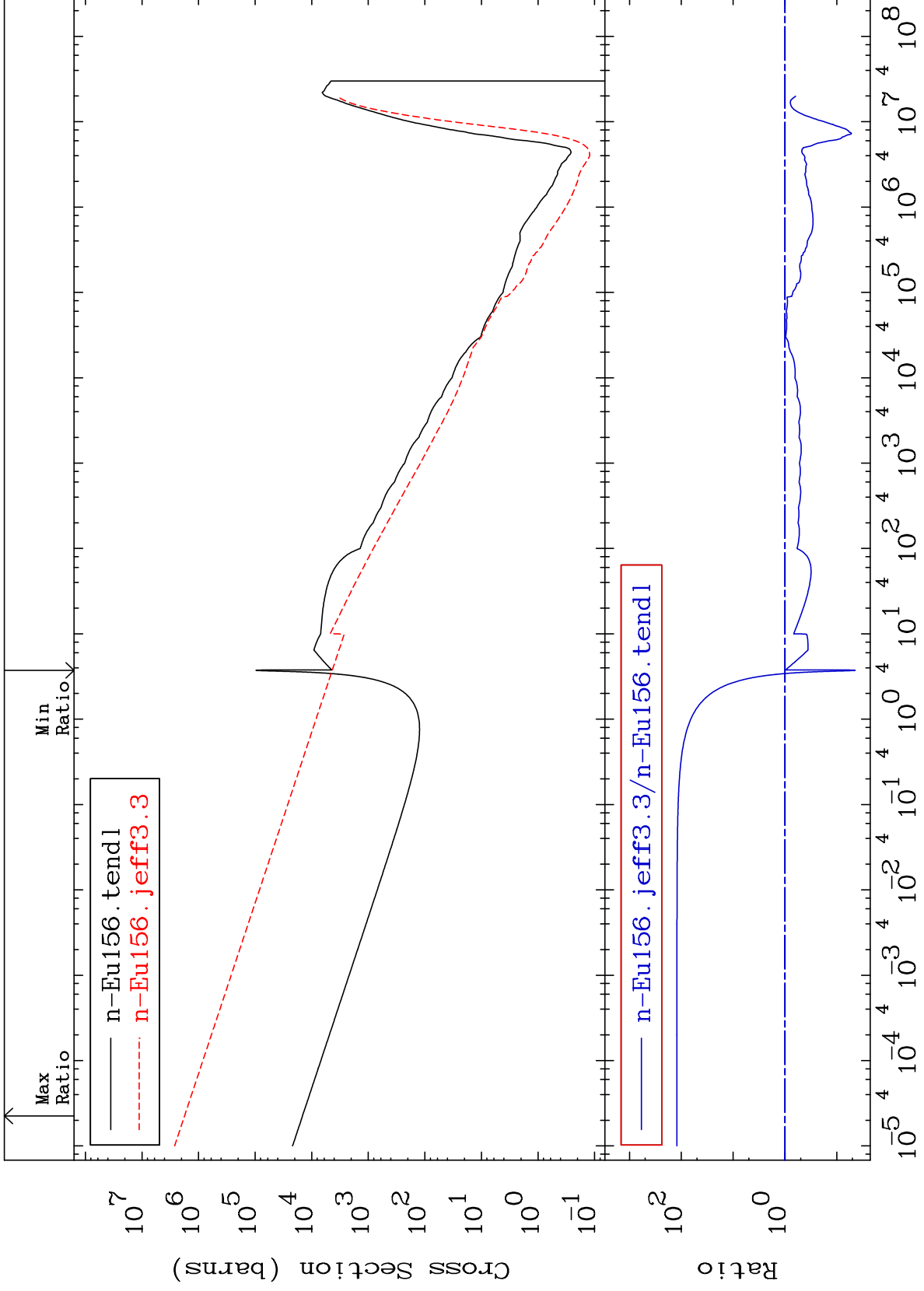
63-Eu-156



MAT 6340

Dpa disappearance (mt102 -120)
Cross Section

63-Eu-156
-95.54 To 9999. %



61

Incident Energy (eV)

63-Eu-156