

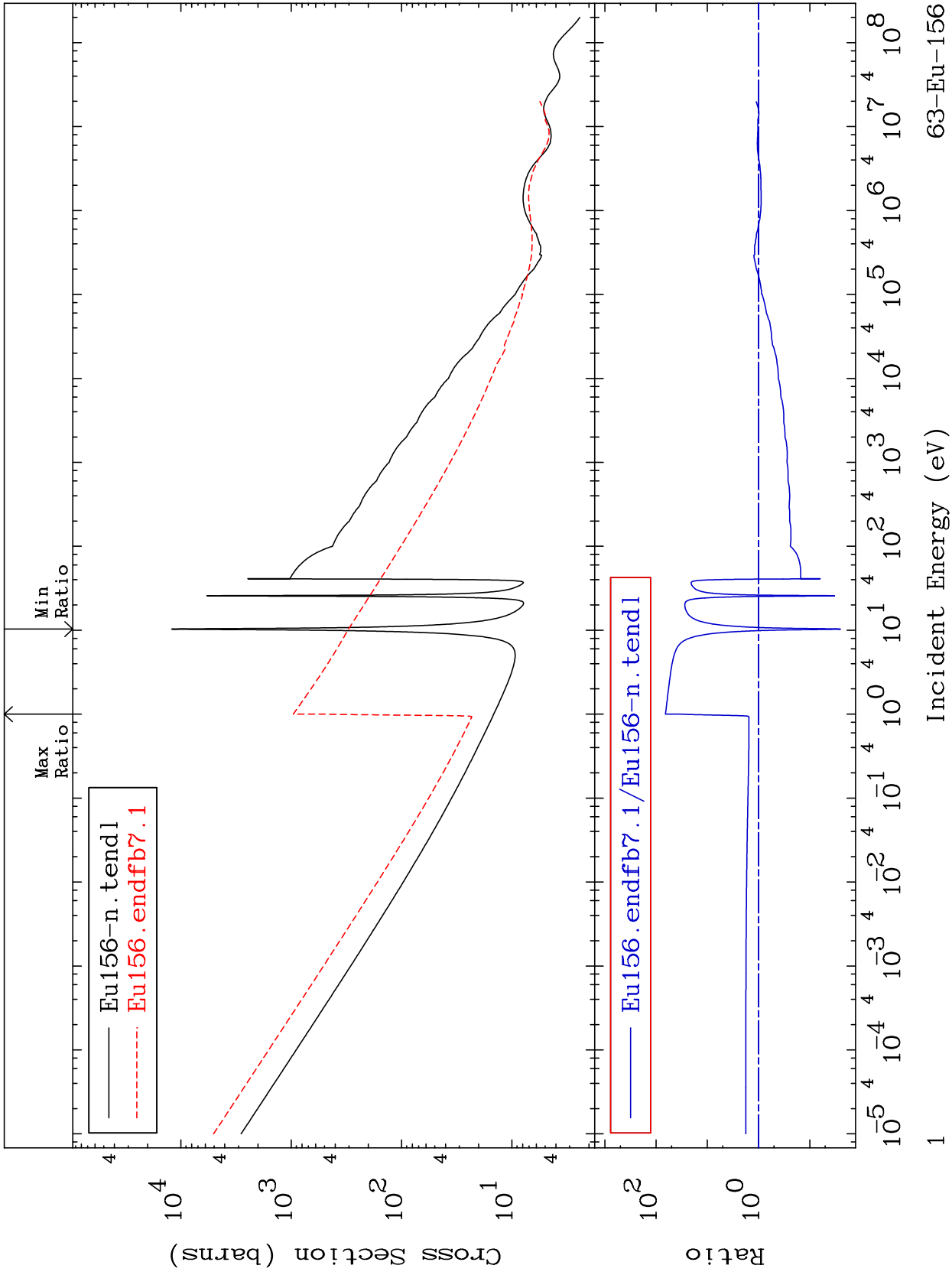
MAT 6340

Total

63-Eu-156

Cross Section

-97.50 To 6466. %



Incident Energy (eV)

63-Eu-156

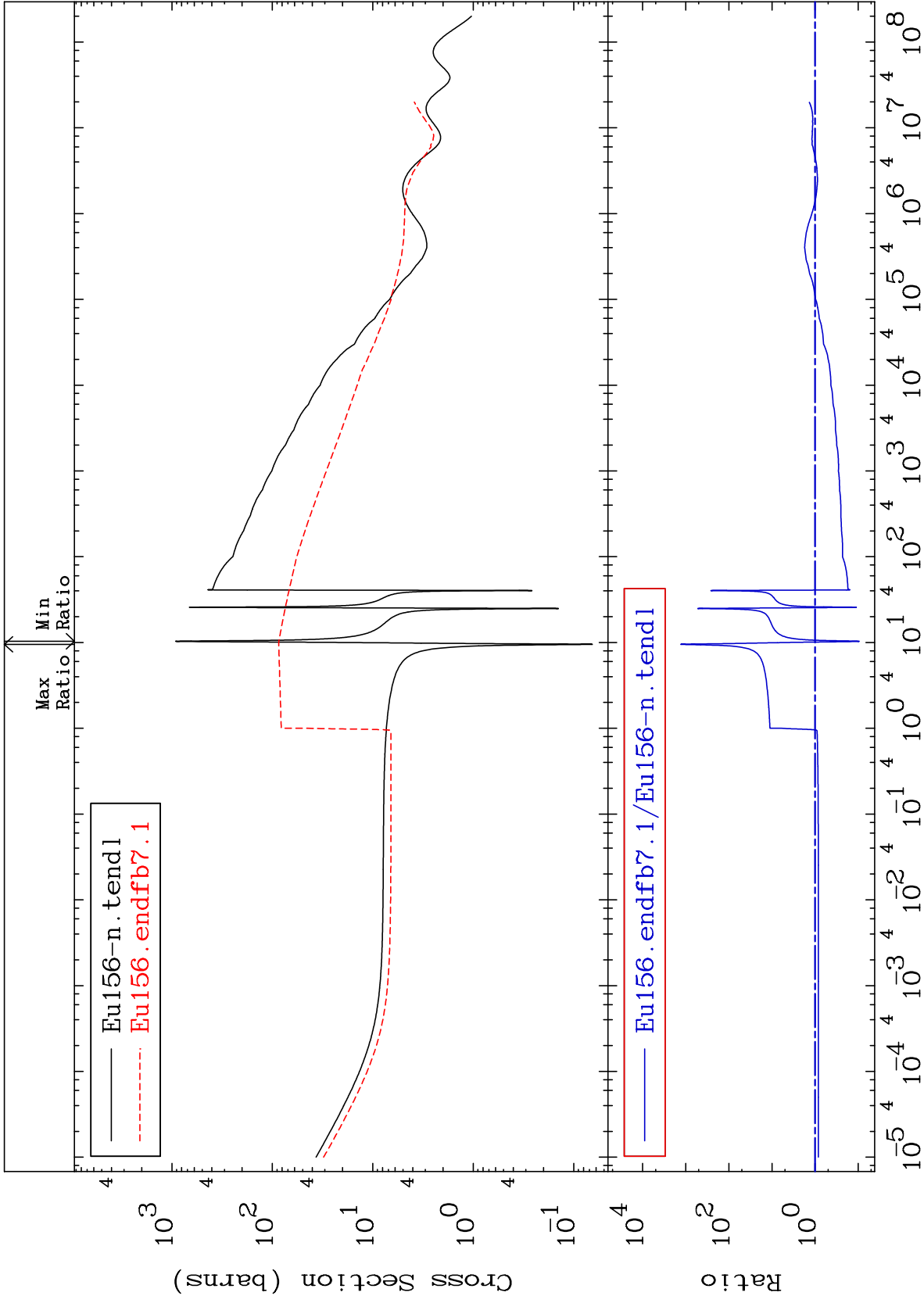
MAT 6340

Elastic

63-Eu-156

Cross Section

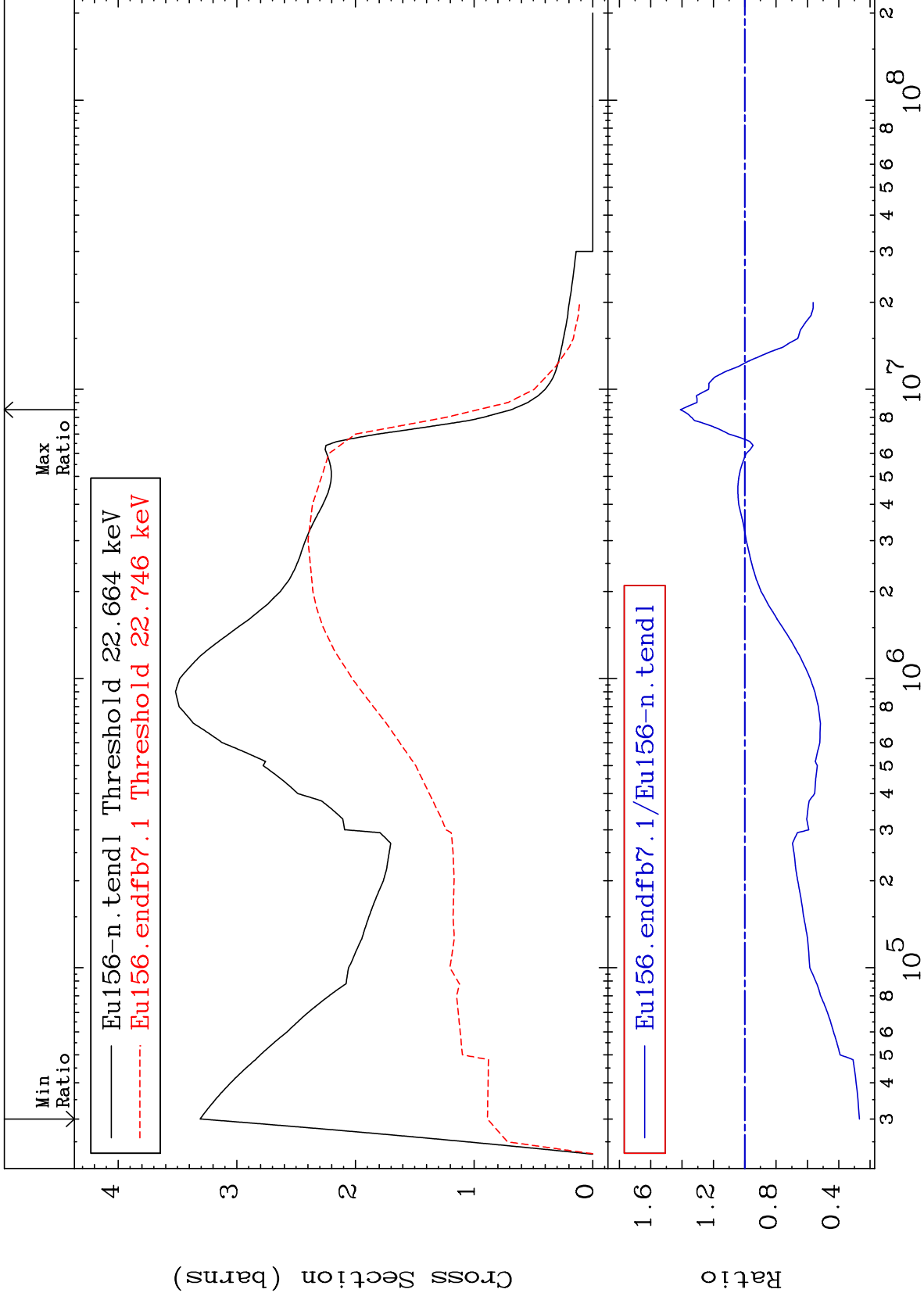
-90.65 To 9999. %



MAT 6340

Inelastic
Cross Section

63-Eu-156
-73.18 To 41.10 %



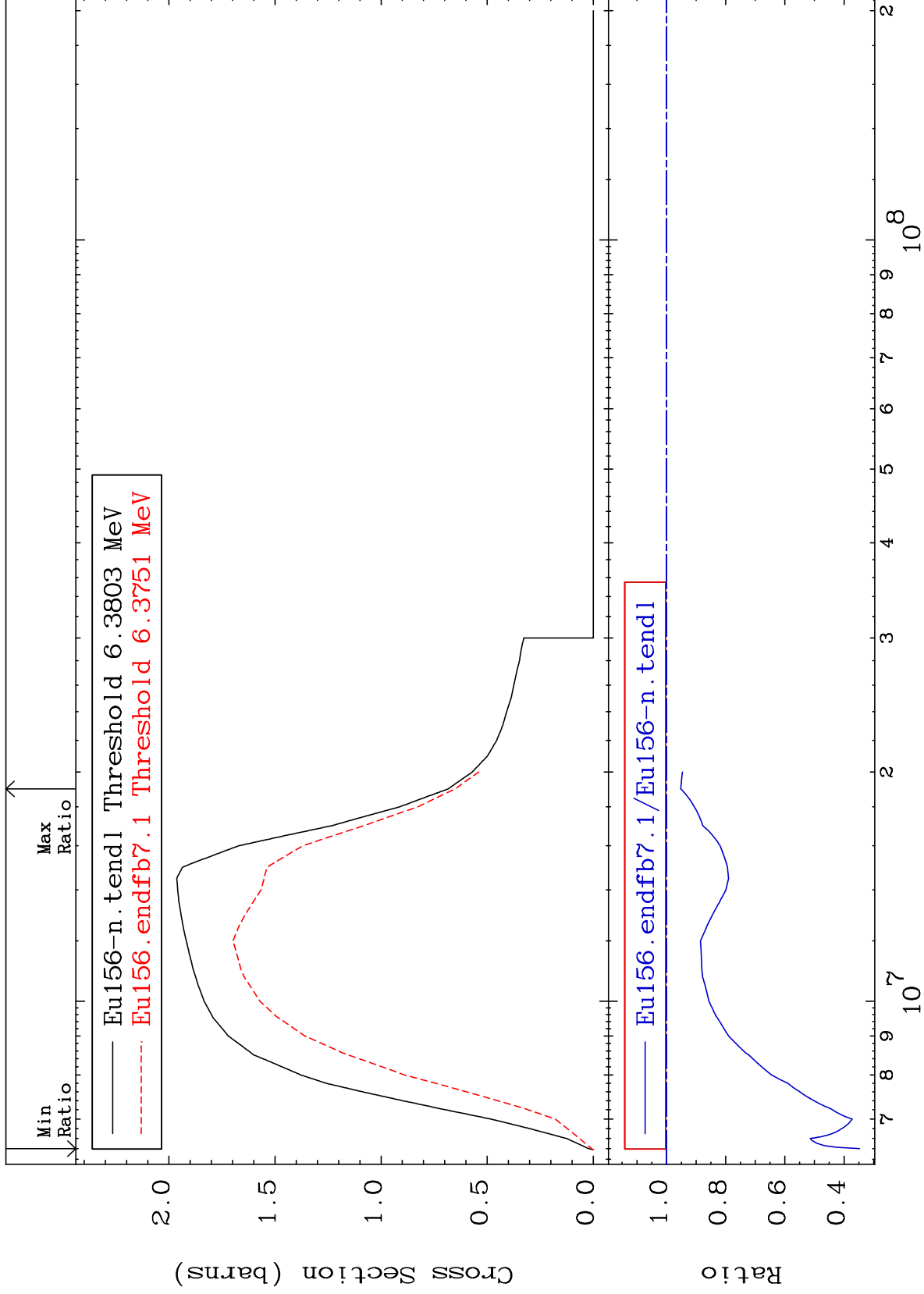
MAT 6340

(n,2n)

63-Eu-156

Cross Section

-65.24 To -4.822%



4

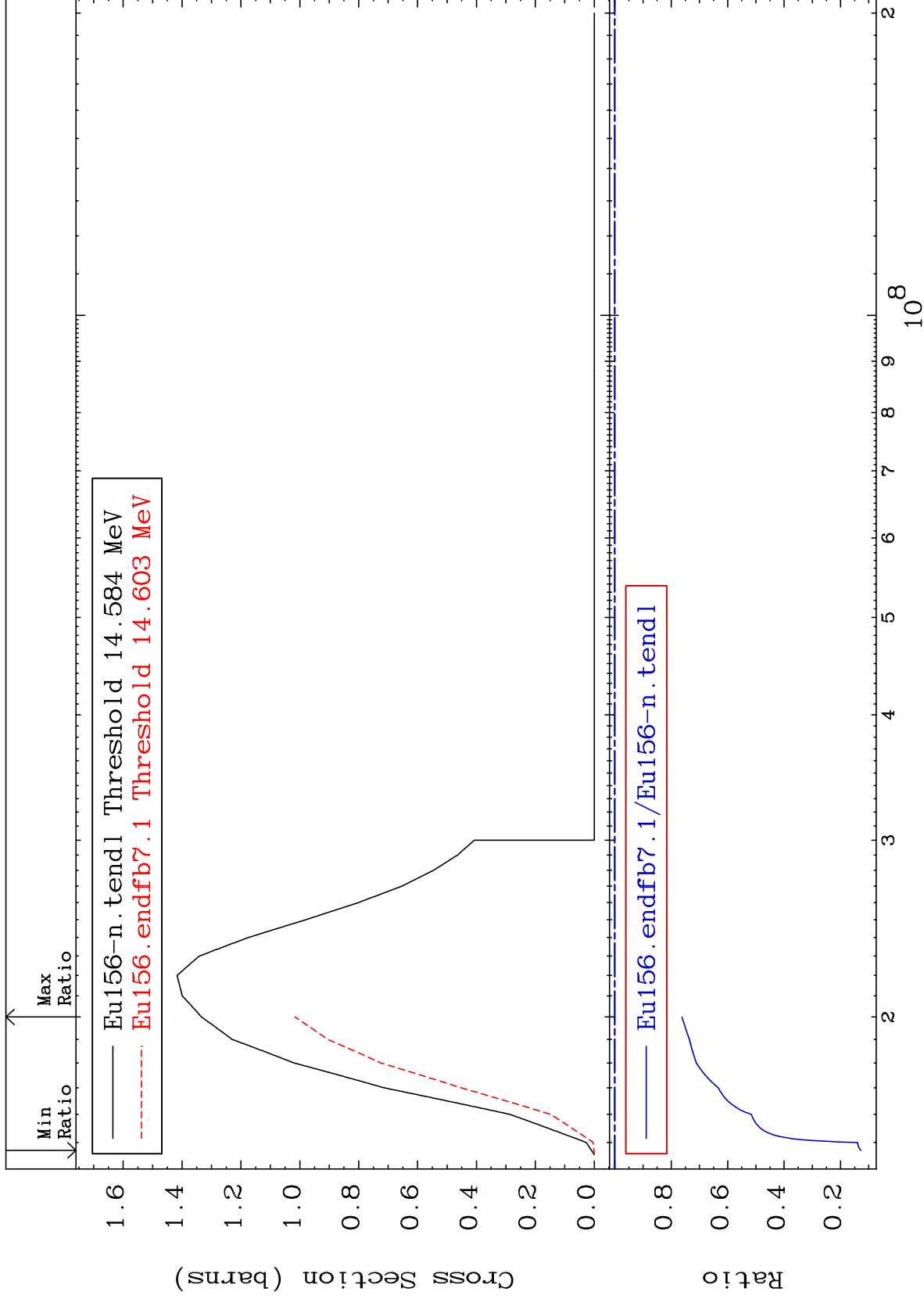
Incident Energy (eV)

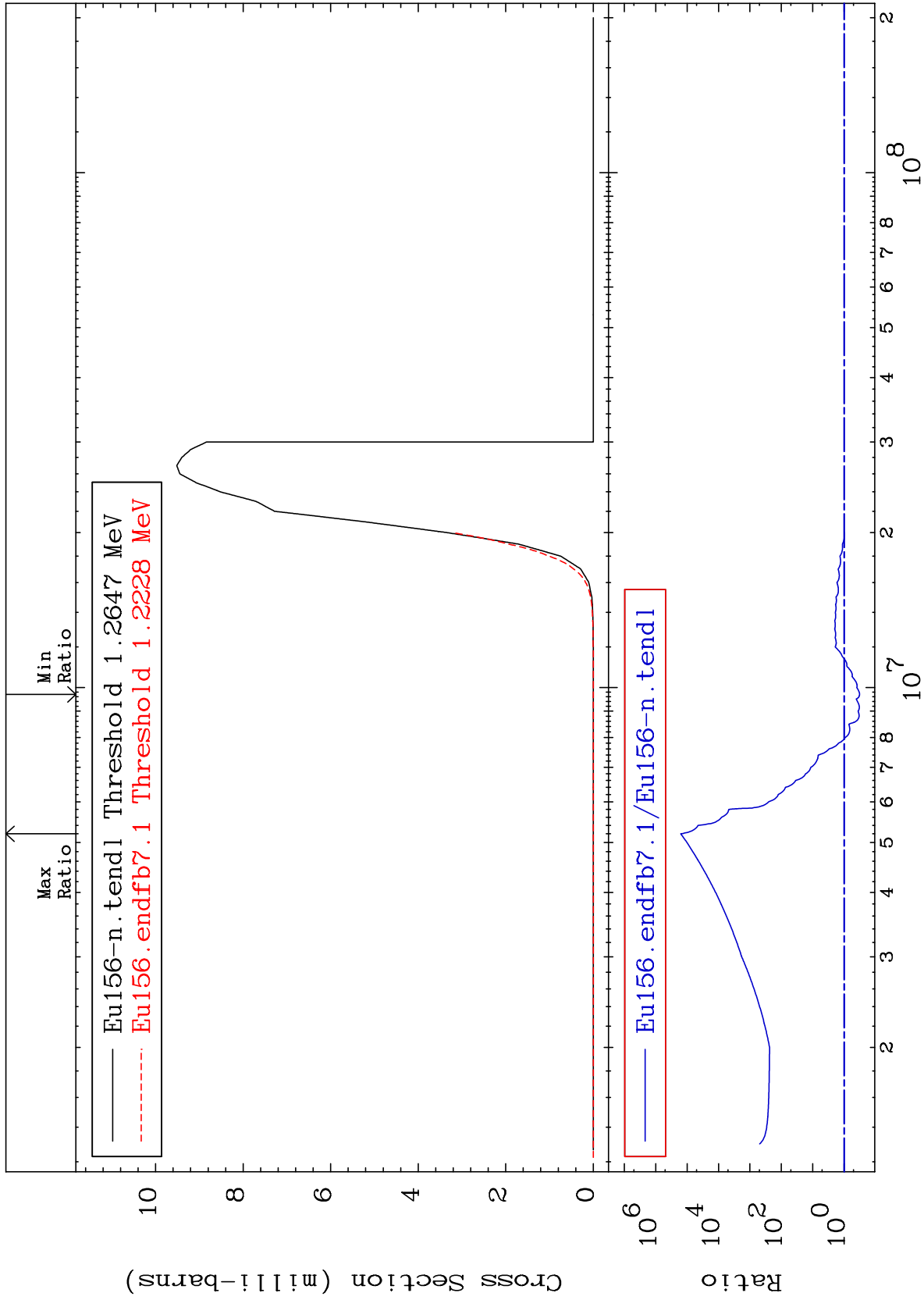
63-Eu-156

MAT 6340

(n,3n)
Cross Section

63-Eu-156
-87.23 To -23.78%

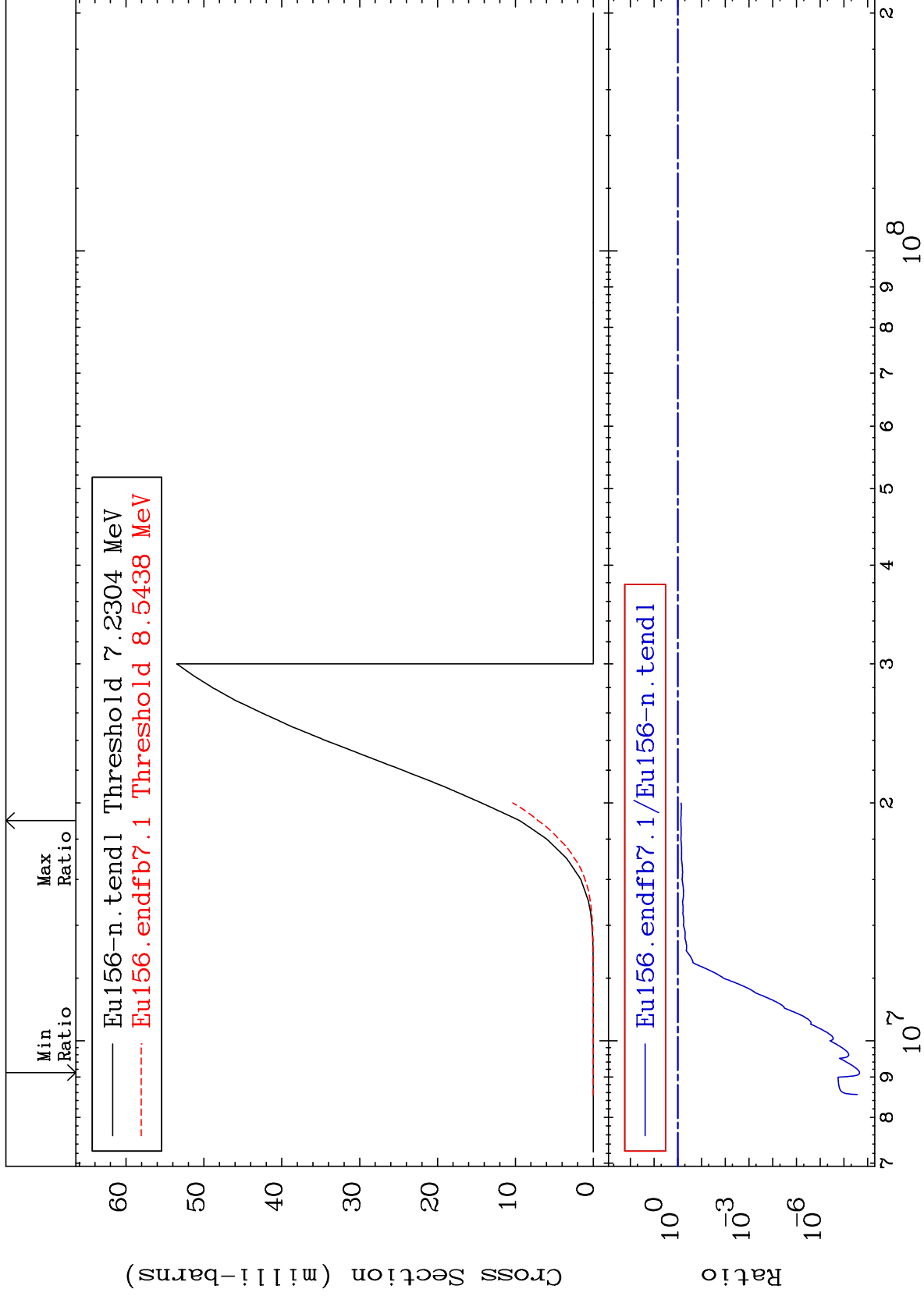




MAT 6340

(n,n') p
Cross Section

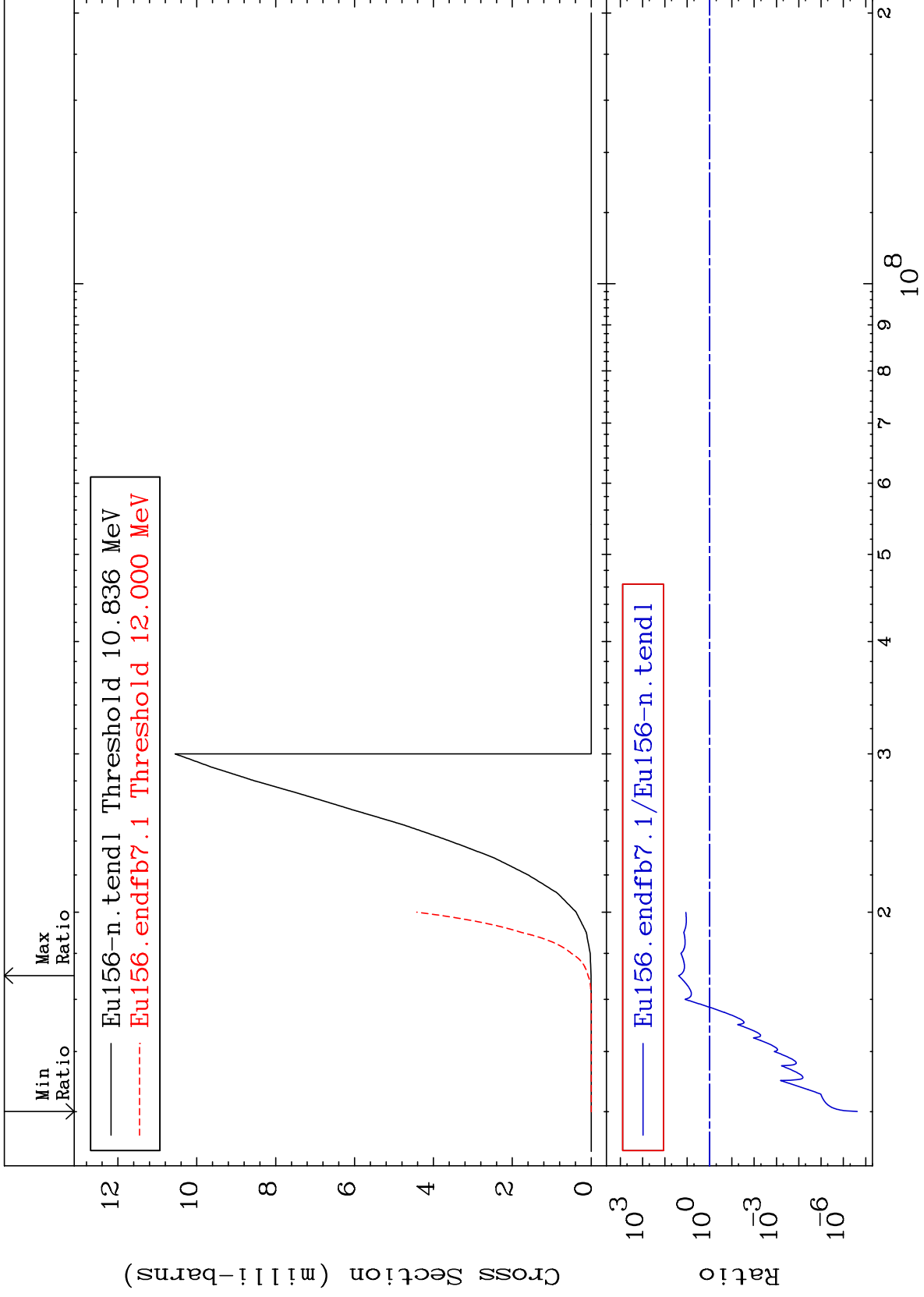
63-Eu-156
-100.0 To -24.97%



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Incident Energy (eV)

63-Eu-156



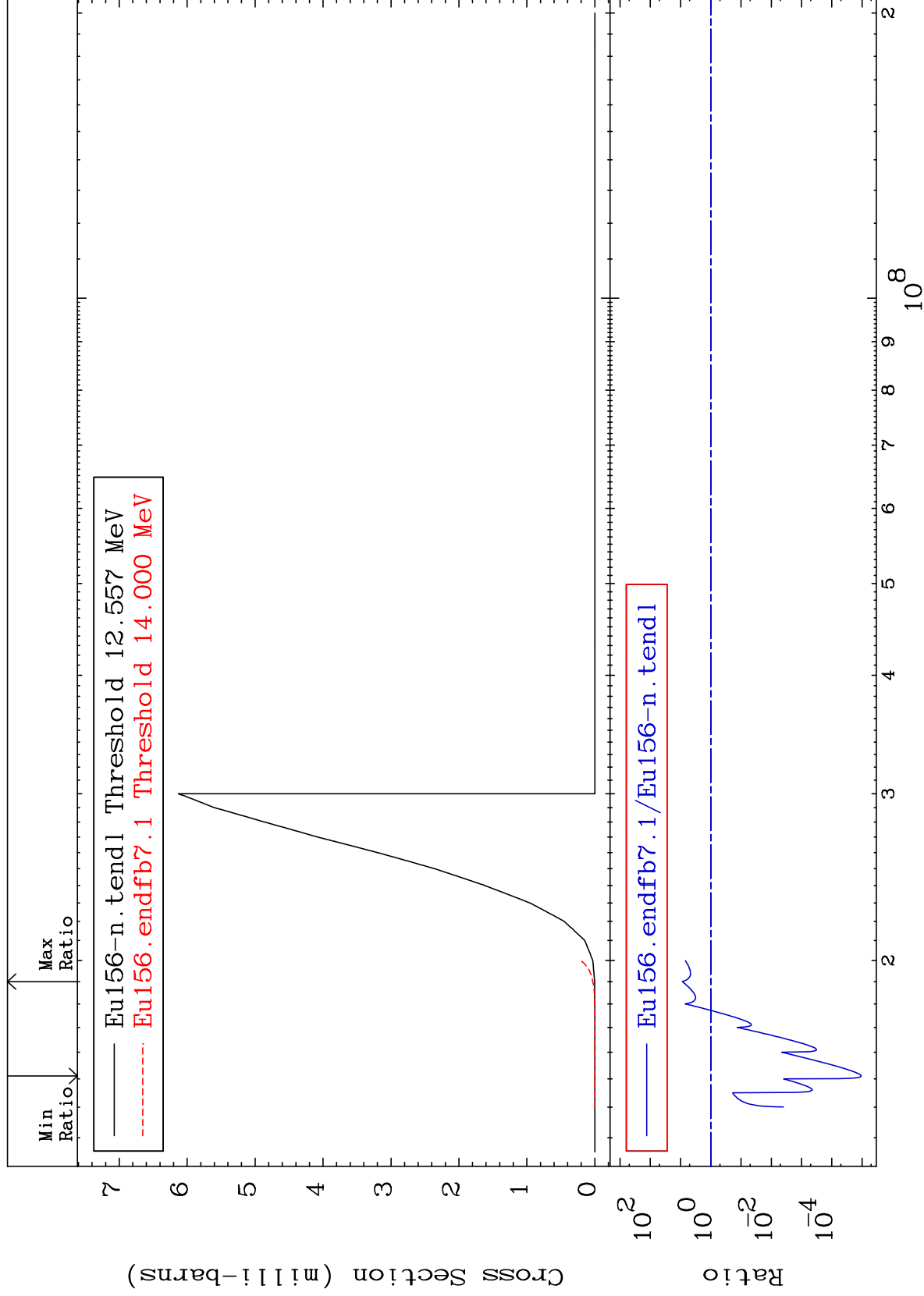
MAT 6340

(n,n') t

63-Eu-156

Cross Section

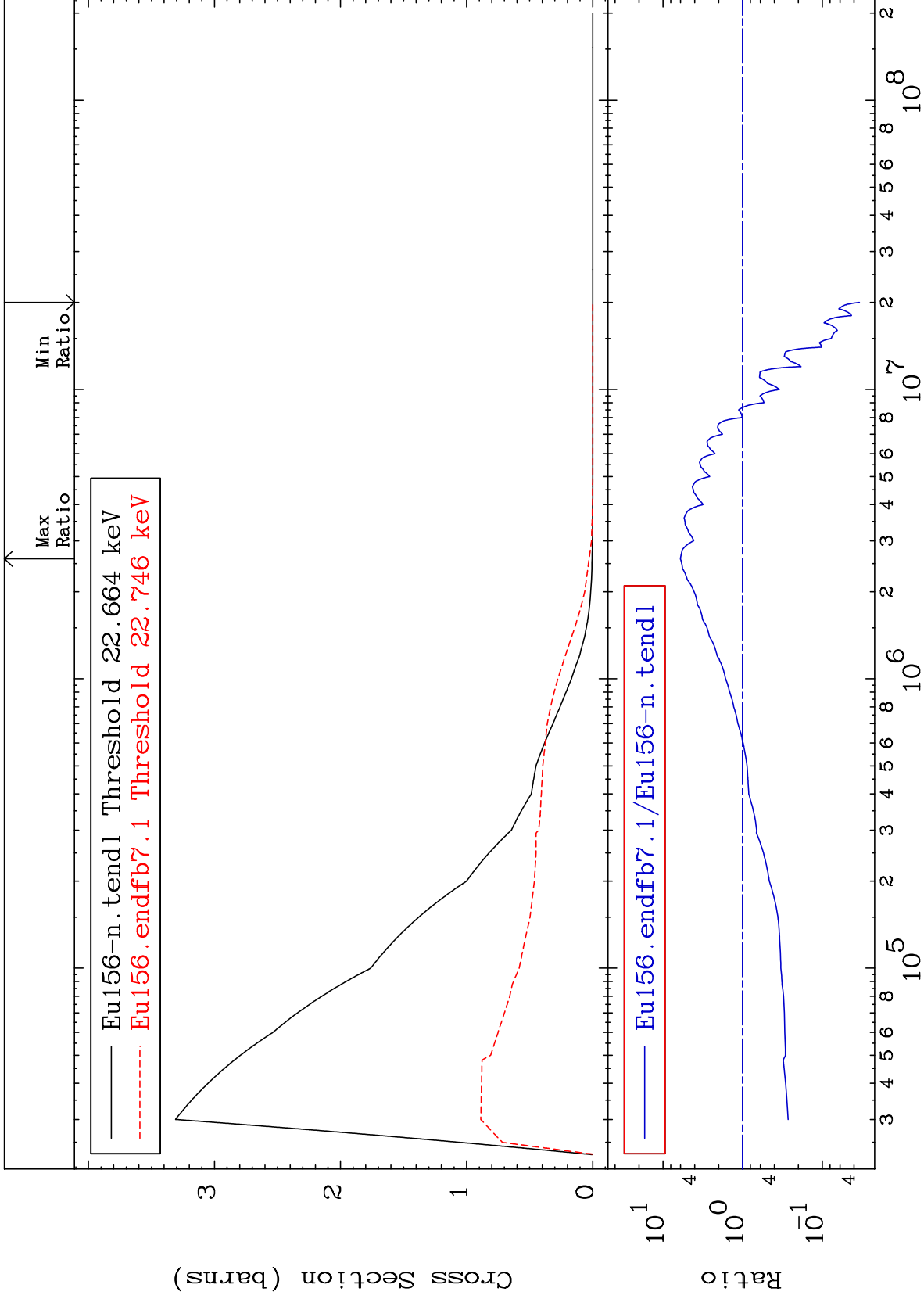
-100.0 To 773.6 %



MAT 6340

22.52 keV (n,n') Level
Cross Section

63-Eu-156
-96.58 To 504.3 %



10

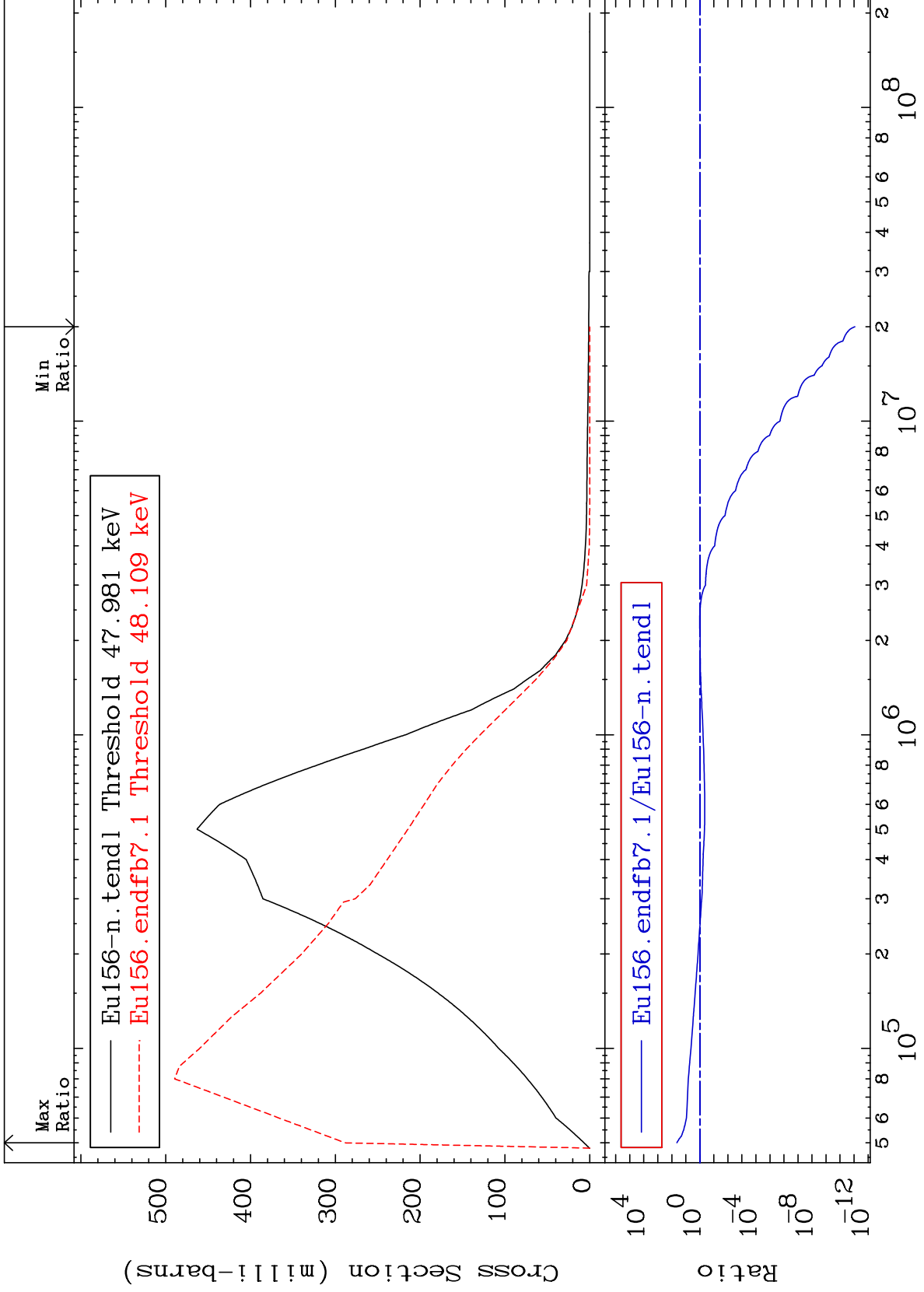
Incident Energy (eV)

63-Eu-156

MAT 6340

47.67 keV (n,n') Level
Cross Section

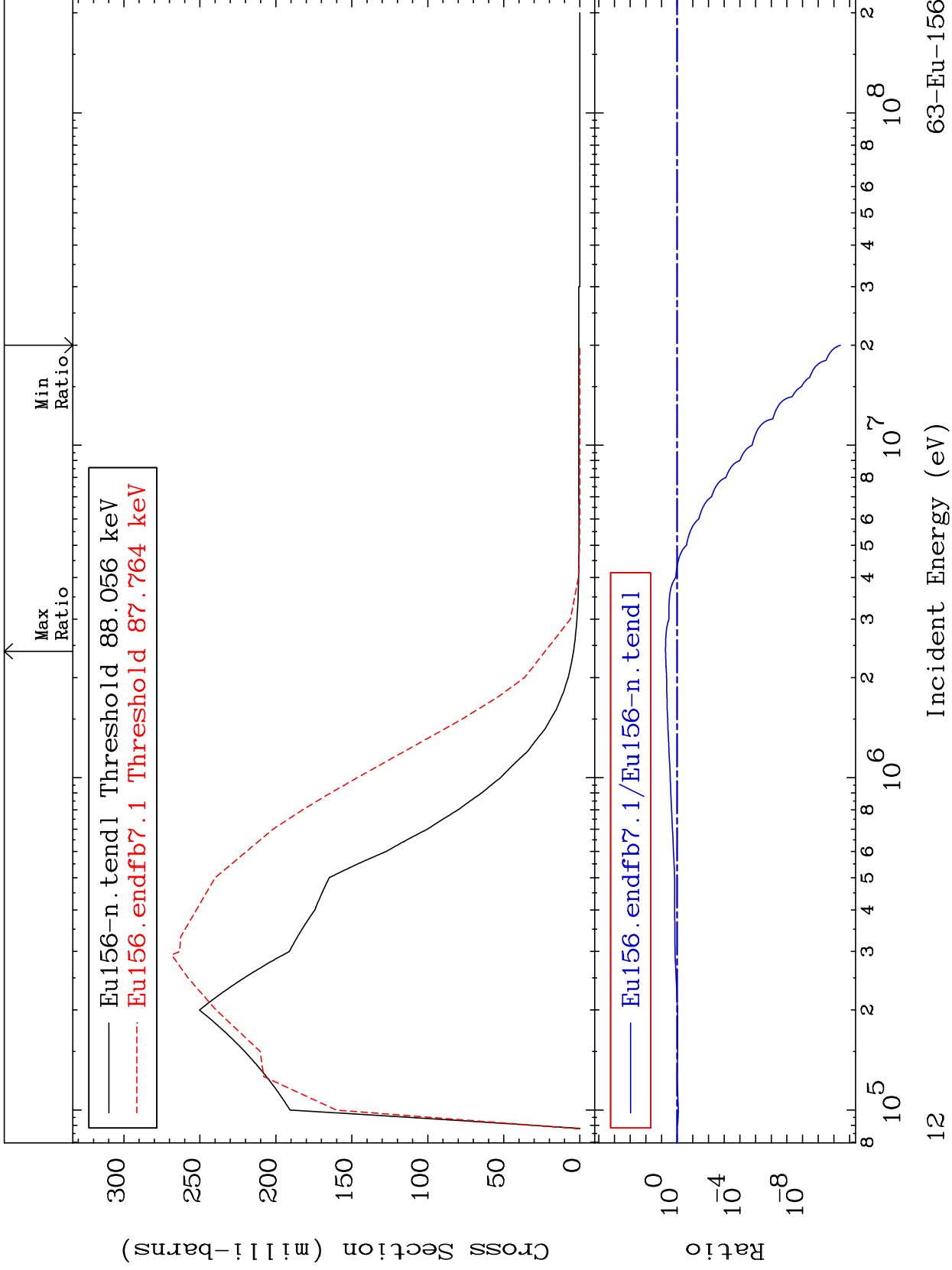
63-Eu-156
-100.0 To 4221. %



MAT 6340

87.49 keV (n,n') Level
Cross Section

63-Eu-156
-100.0 To 455.9 %



12

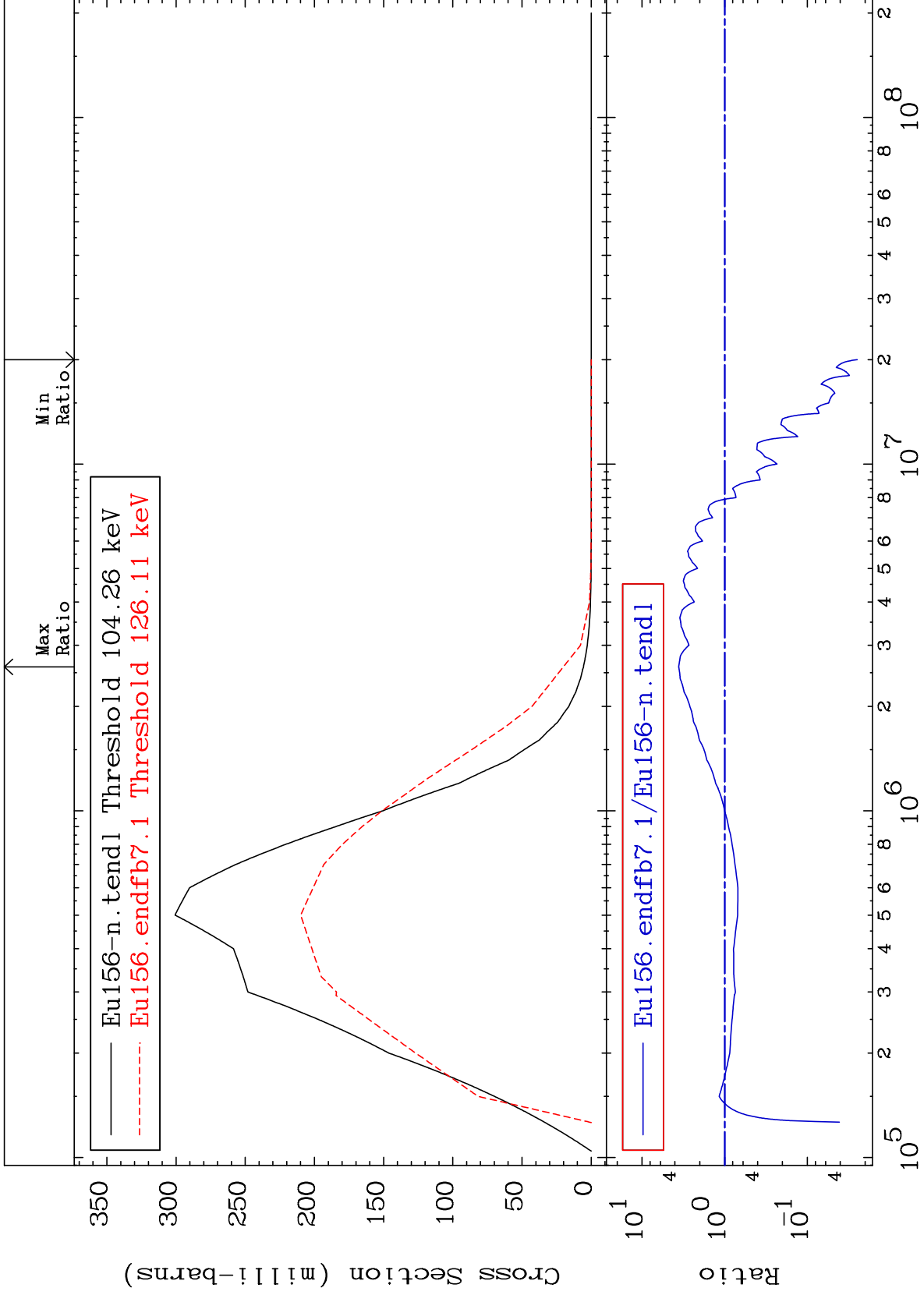
Incident Energy (eV)

63-Eu-156

MAT 6340

103.6 keV (n,n') Level
Cross Section

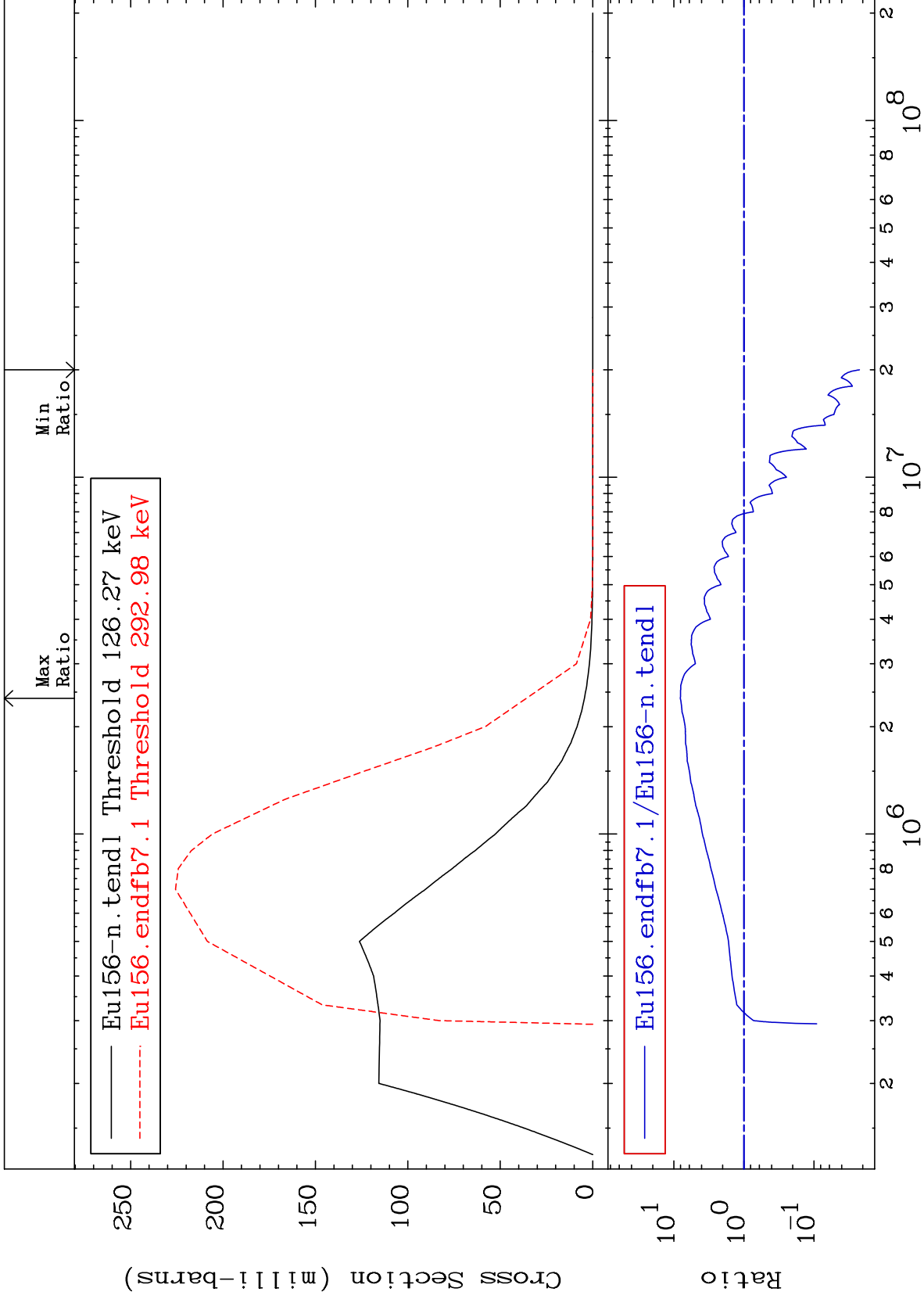
63-Eu-156
-97.51 To 260.9 %



MAT 6340

125.5 keV (n,n') Level
Cross Section

63-Eu-156
-97.76 To 705.5 %



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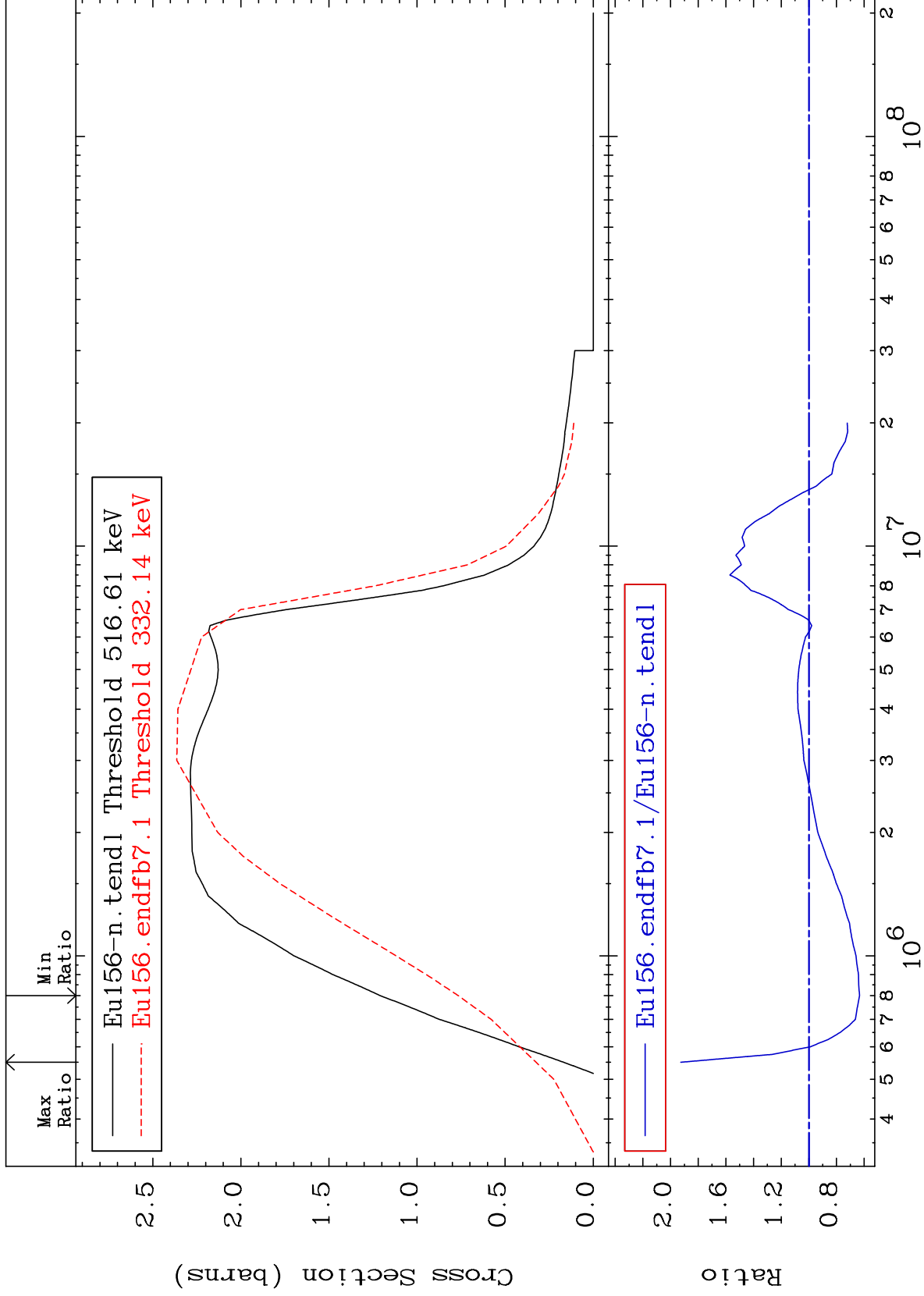
Incident Energy (eV)

63-Eu-156

MAT 6340

(n, n') Continuum
Cross Section

63-Eu-156
-36.63 To 92.60 %



15

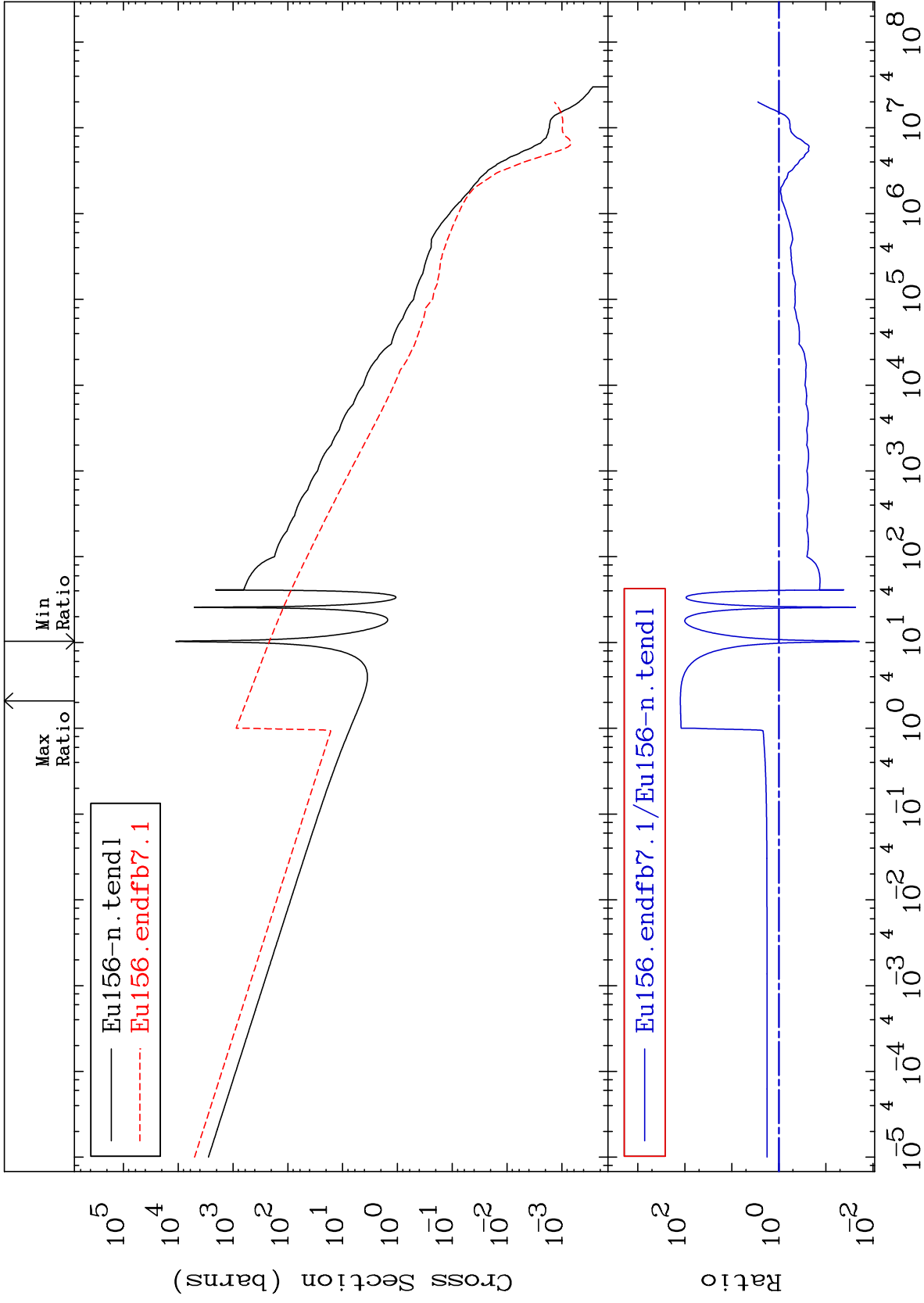
Incident Energy (eV)

63-Eu-156

MAT 6340

(n, γ)
Cross Section

63-Eu-156
-98.07 To 9999. %



16

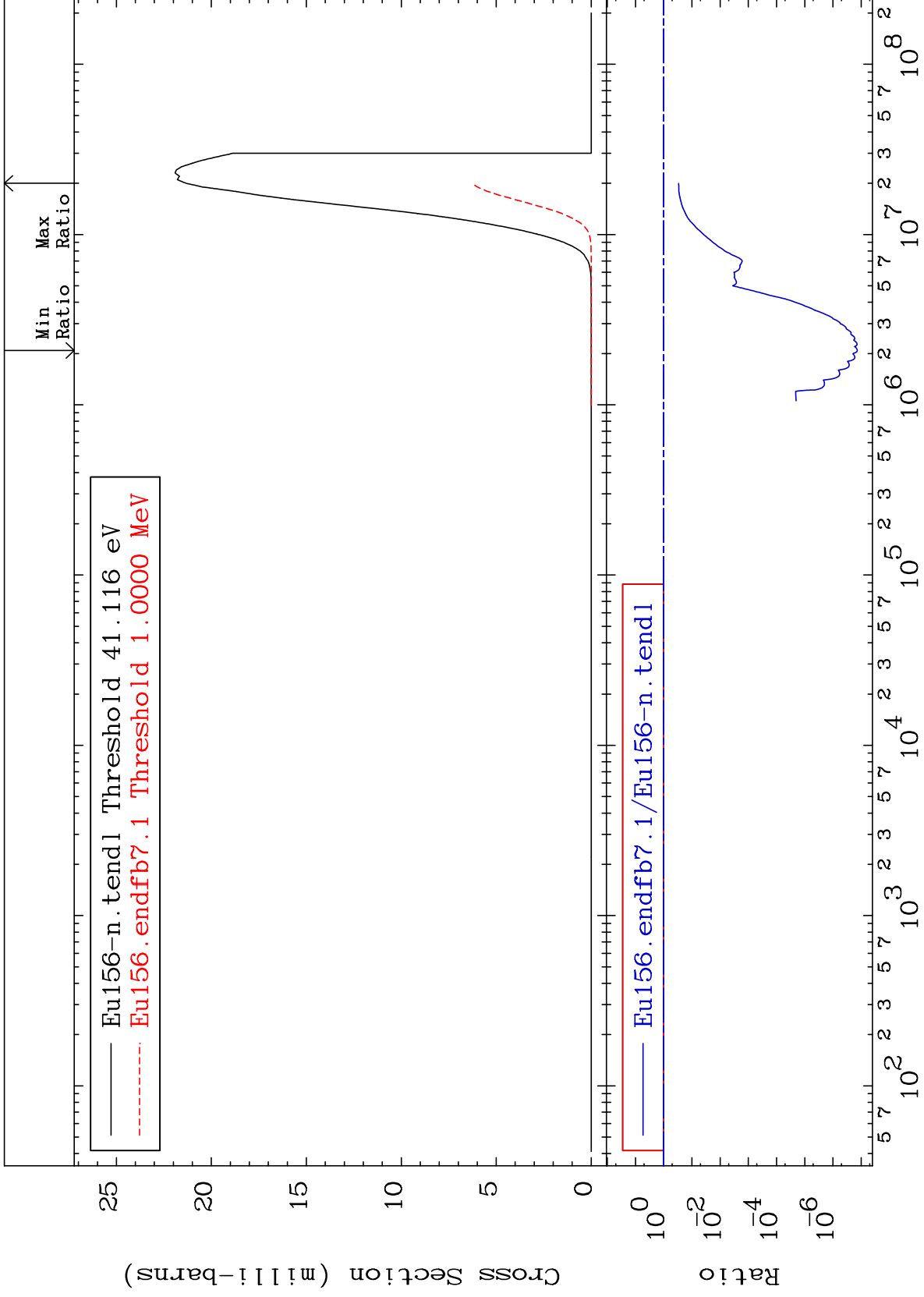
Incident Energy (eV)

63-Eu-156

MAT 6340

(n,p)
Cross Section

63-Eu-156
-100.0 To -70.44%



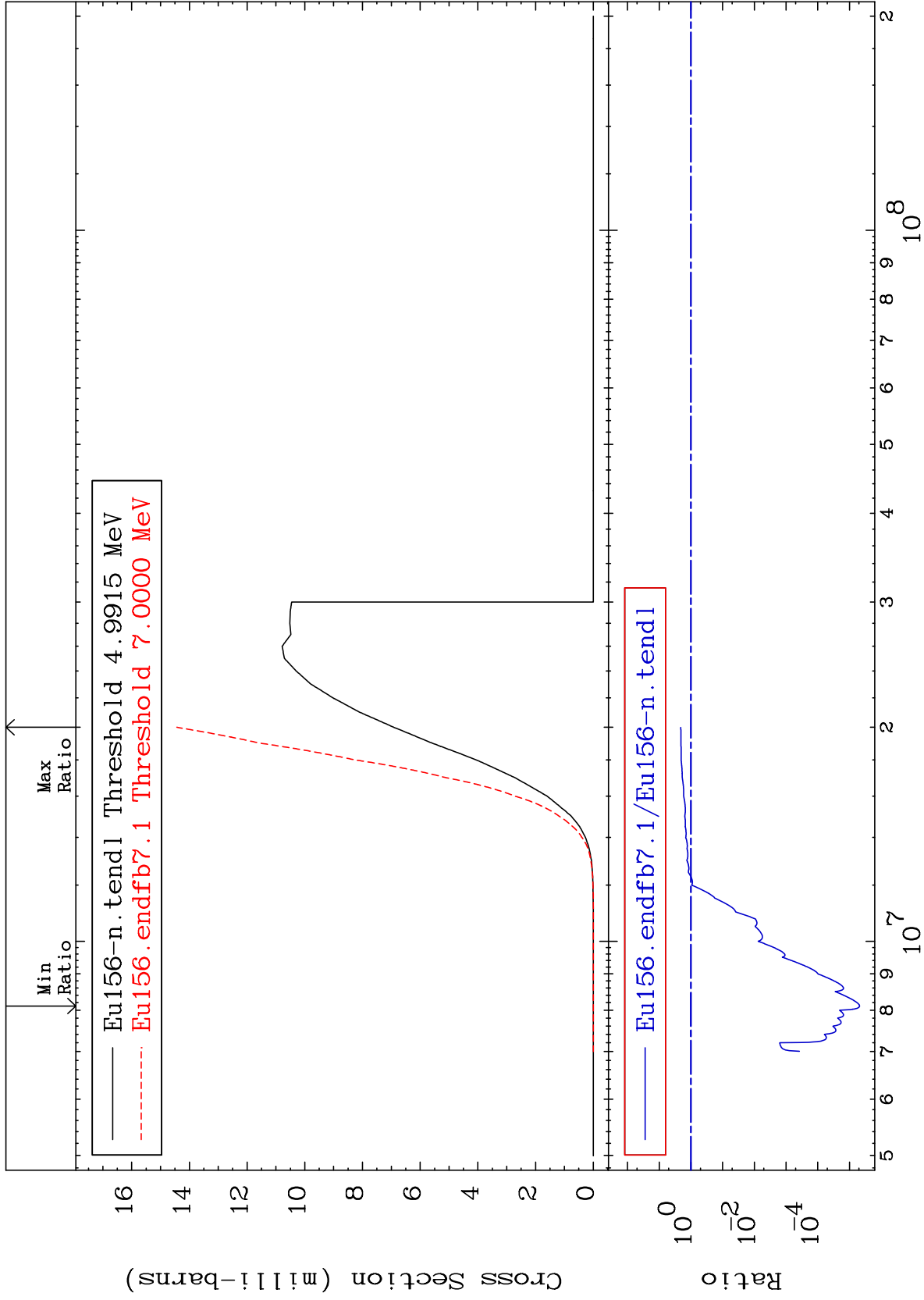
MAT 6340

(n, d)

63-Eu-156

Cross Section

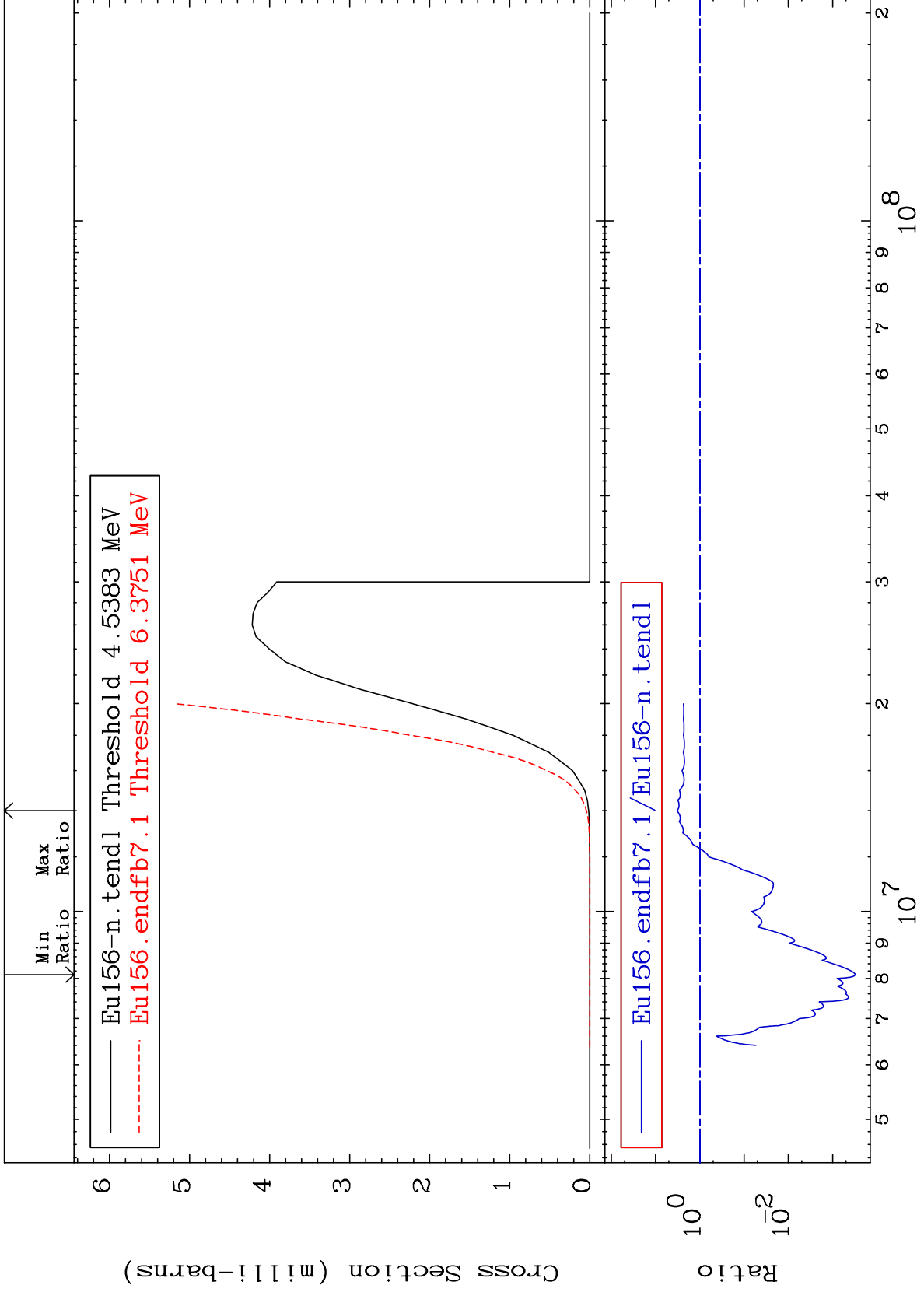
-100.0 To 108.6 %



MAT 6340

(n, t)
Cross Section

63-Eu-156
-99.97 To 229.2 %



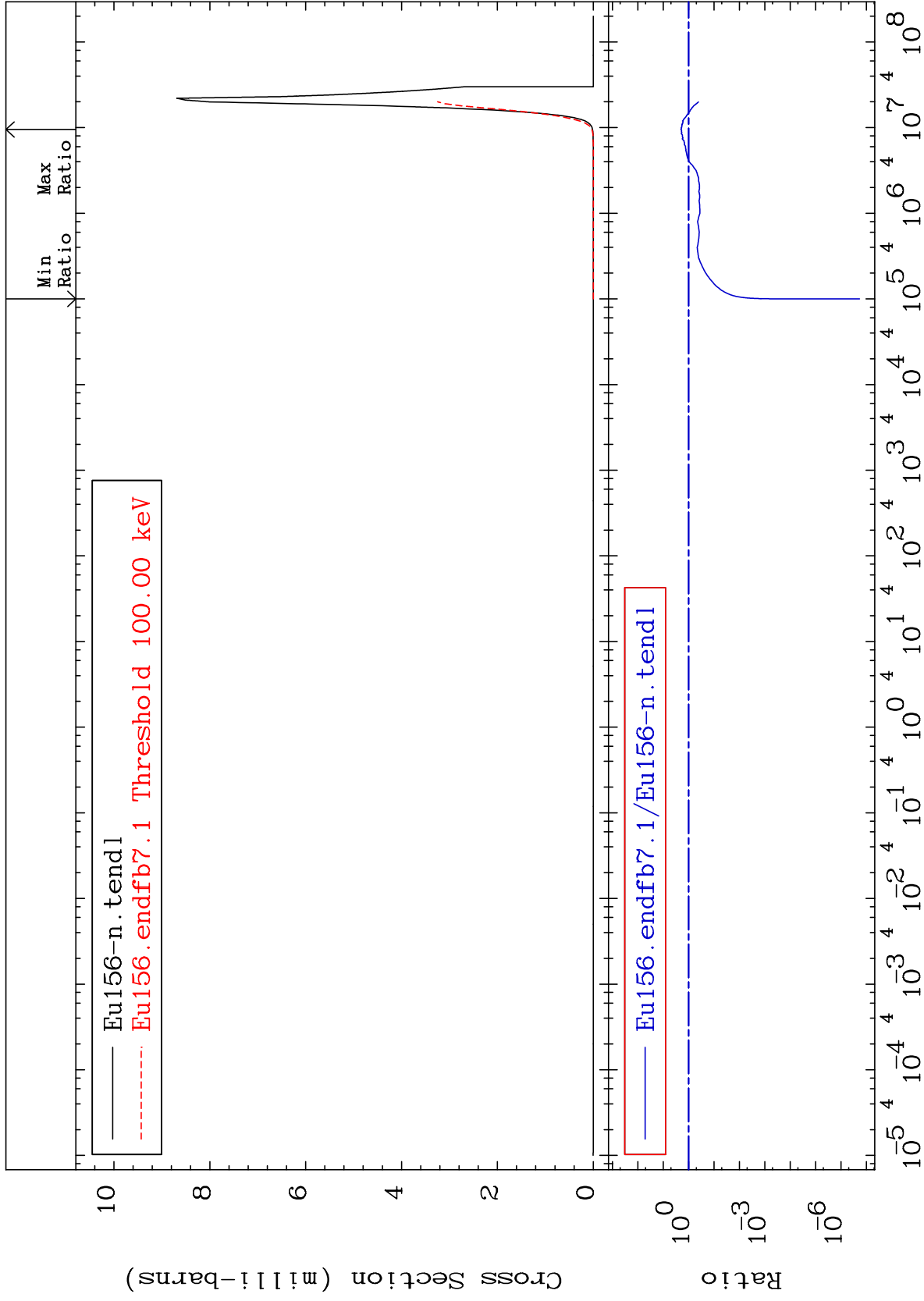
MAT 6340

(n, α)

63-Eu-156

Cross Section

-100.0 To 104.1 %



20

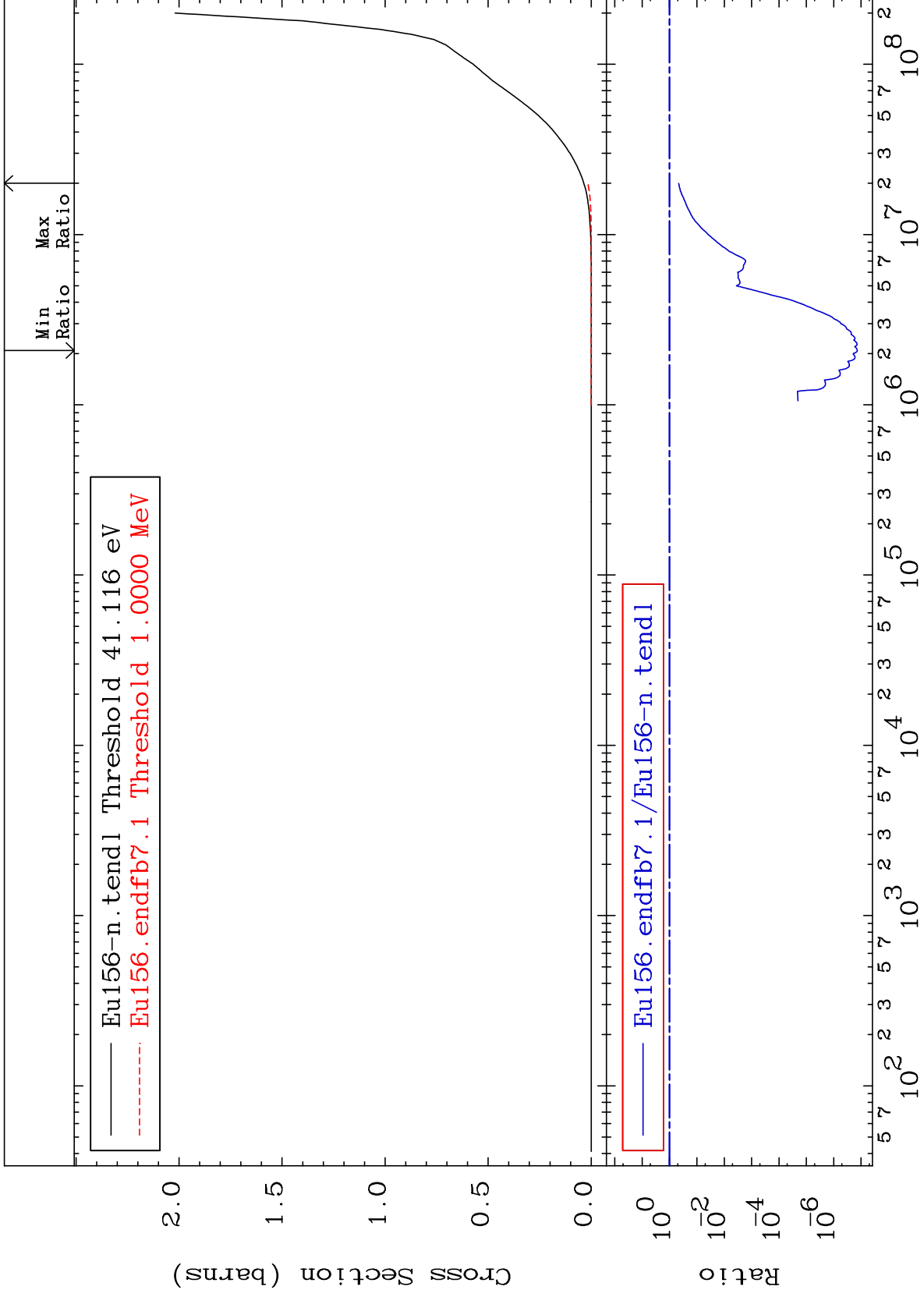
Incident Energy (eV)

63-Eu-156

MAT 6340

Hydrogen Production Cross Section

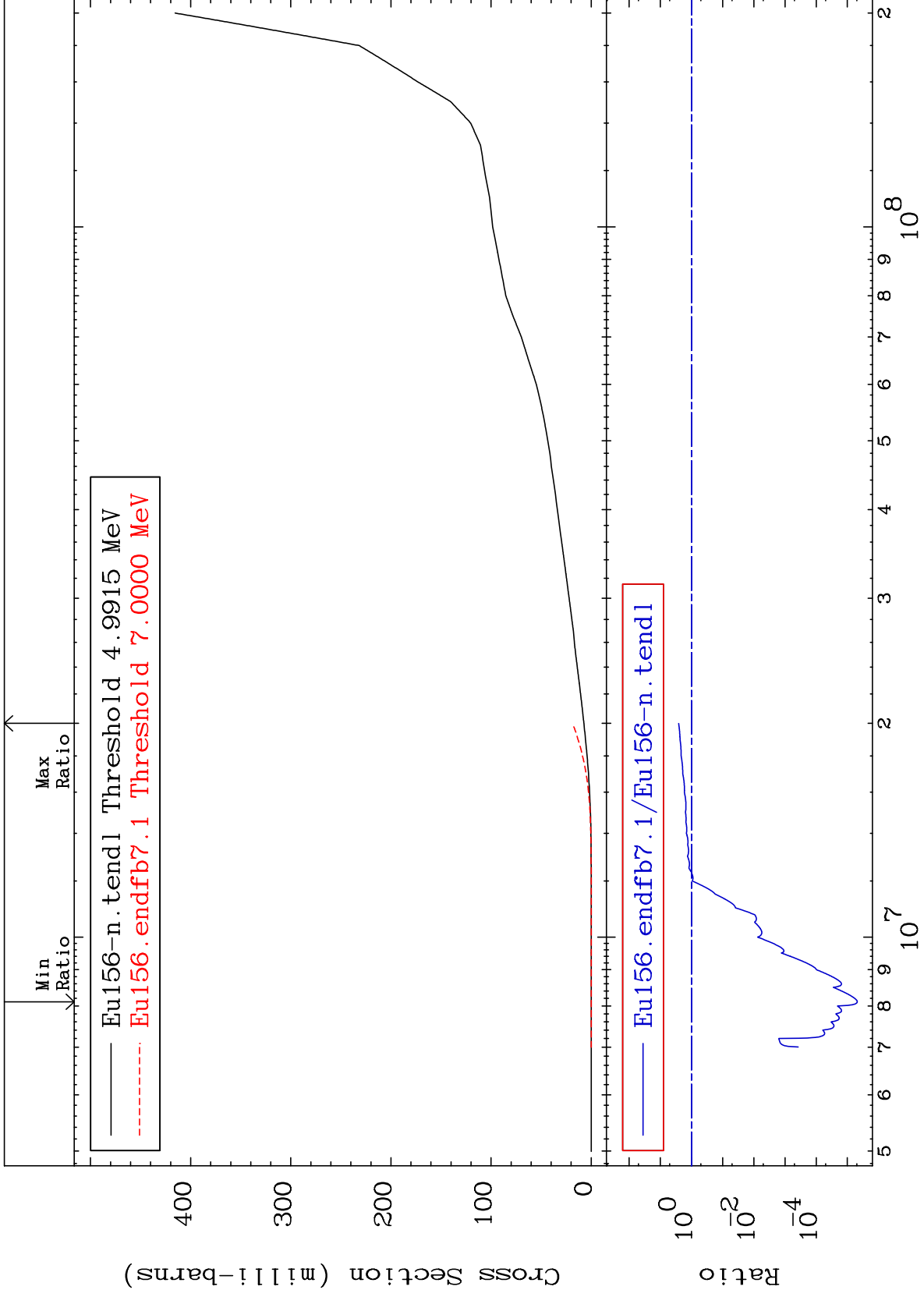
63-Eu-156
-100.0 To -53.54%



MAT 6340

Deuterium Production
Cross Section

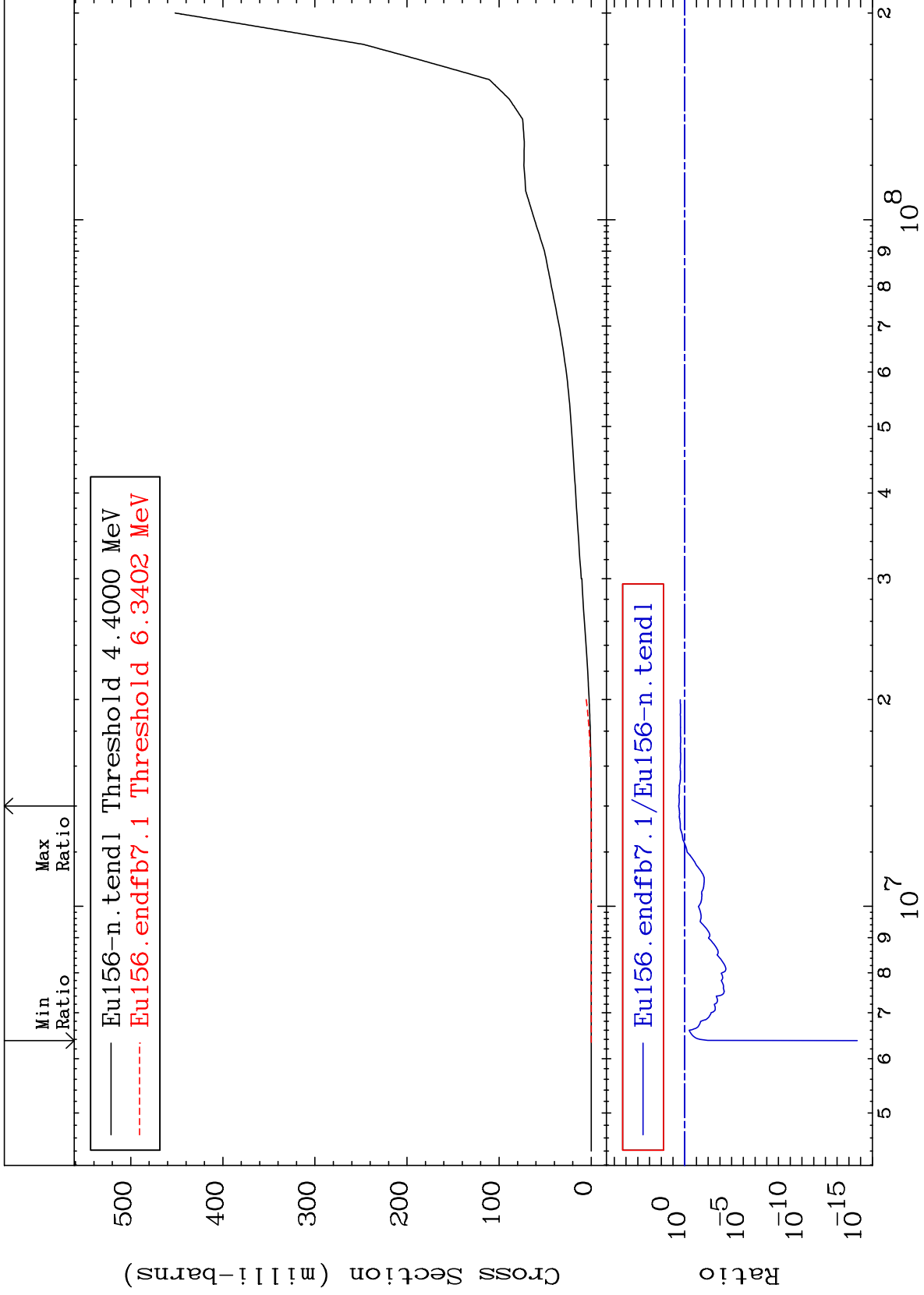
63-Eu-156
-100.0 To 158.3 %



MAT 6340

Tritium Production Cross Section

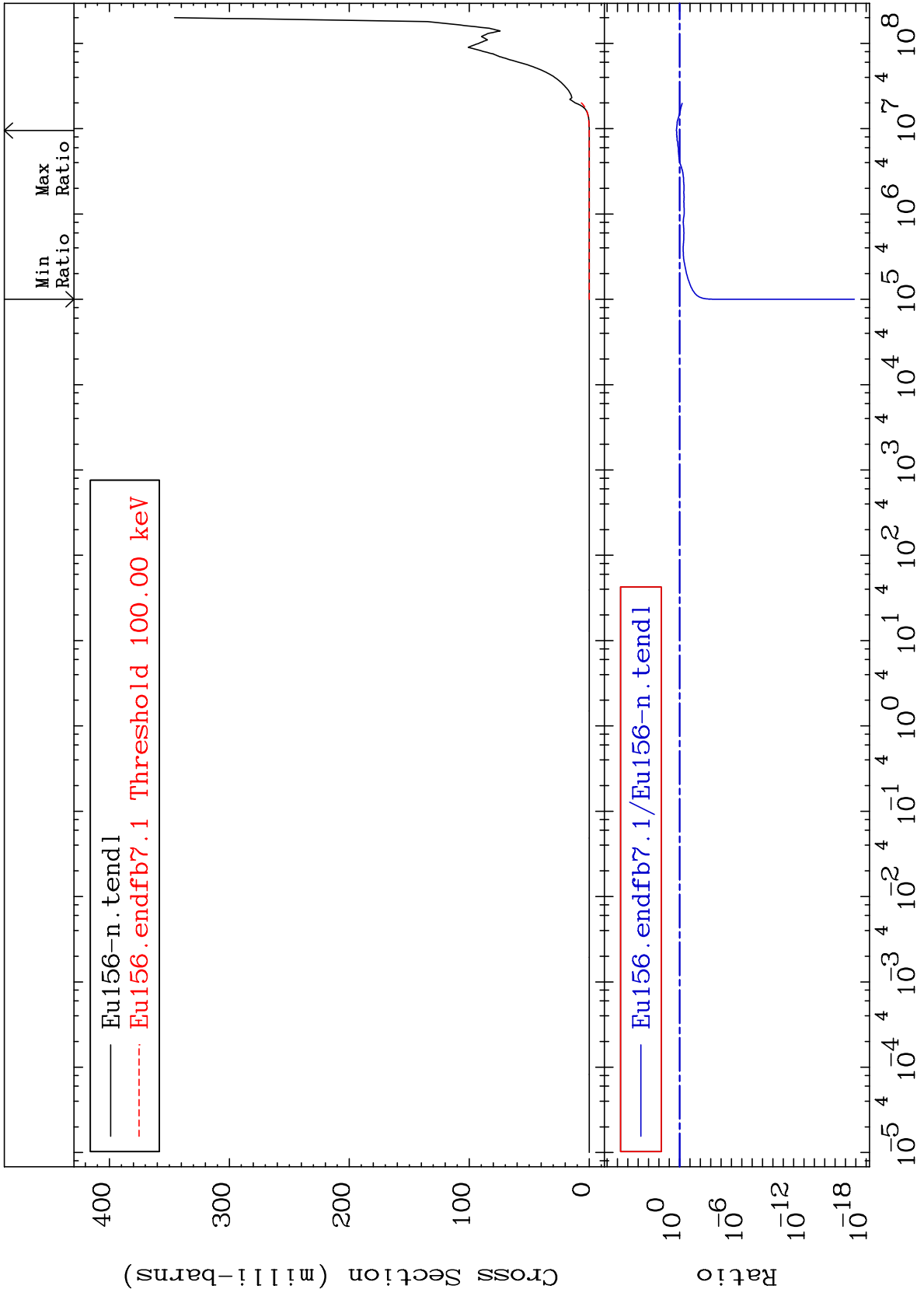
63-Eu-156
-100.0 To 229.2 %



MAT 6340

He-4 Production
Cross Section

63-Eu-156
-100.0 To 104.1 %



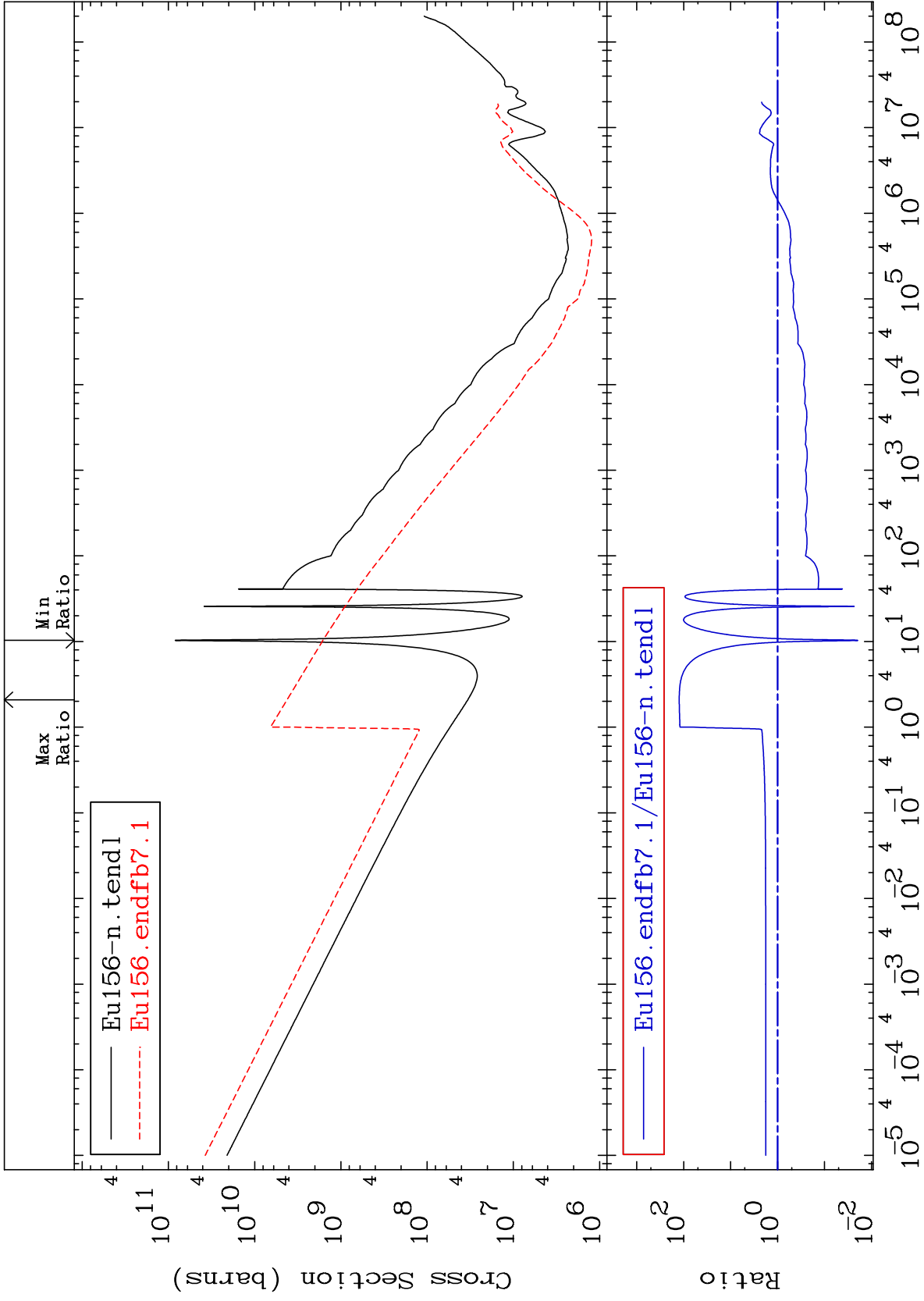
MAT 6340

Kerma total (eV-barns)

63-Eu-156

-98.06 To 9999. %

Cross Section



25

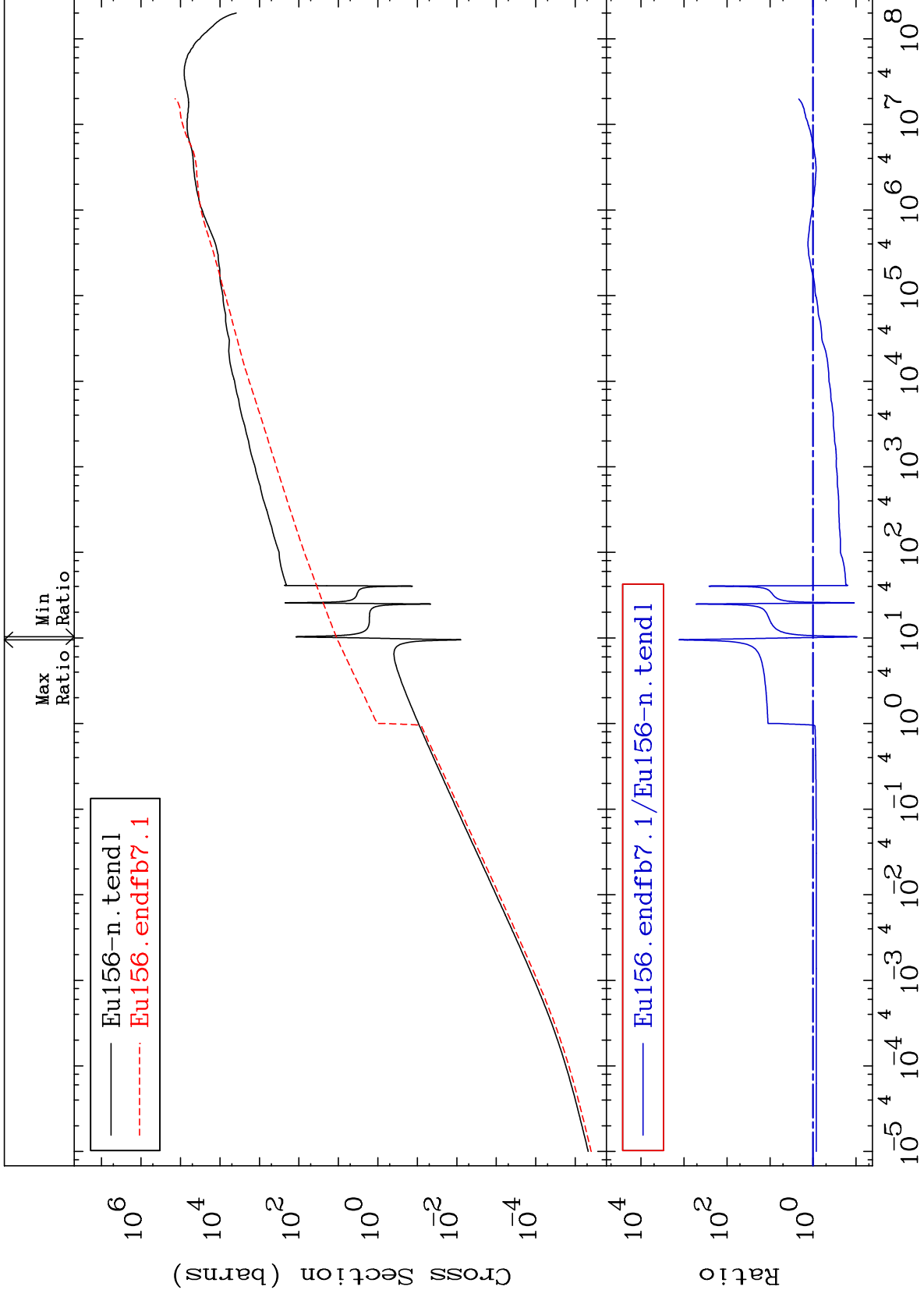
Incident Energy (eV)

63-Eu-156

MAT 6340

Kerma elastic
Cross Section

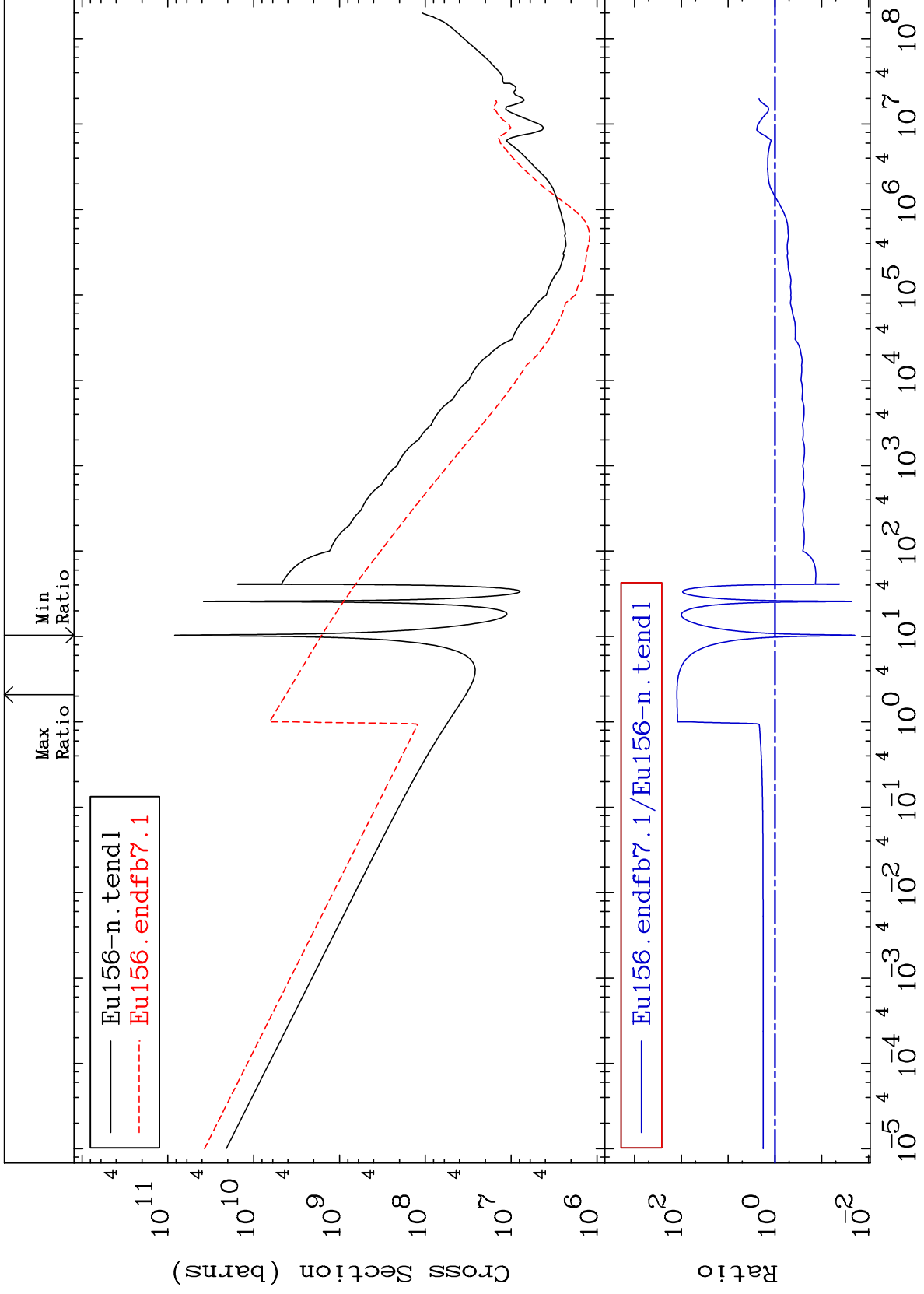
63-Eu-156
-90.65 To 9999. %

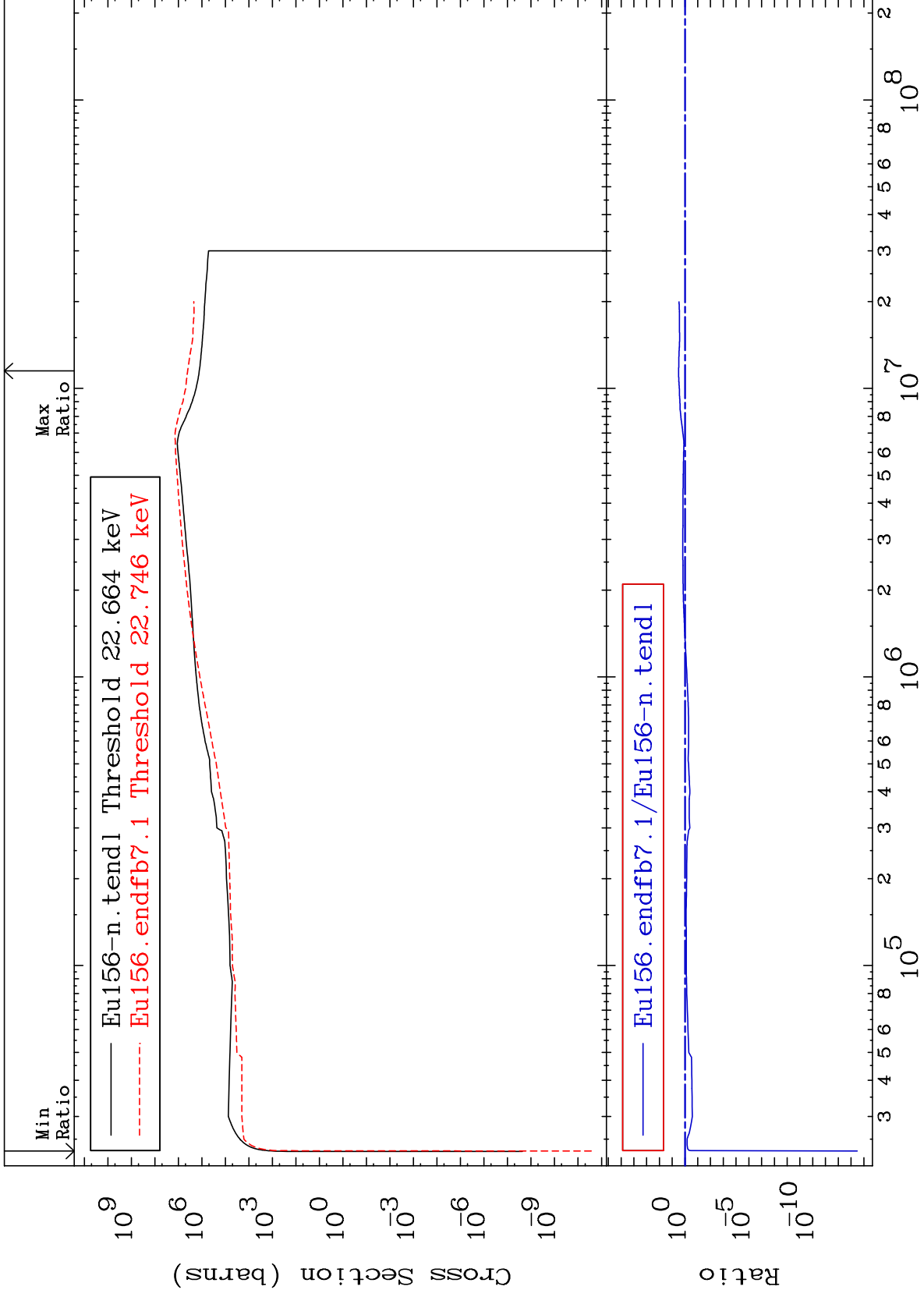


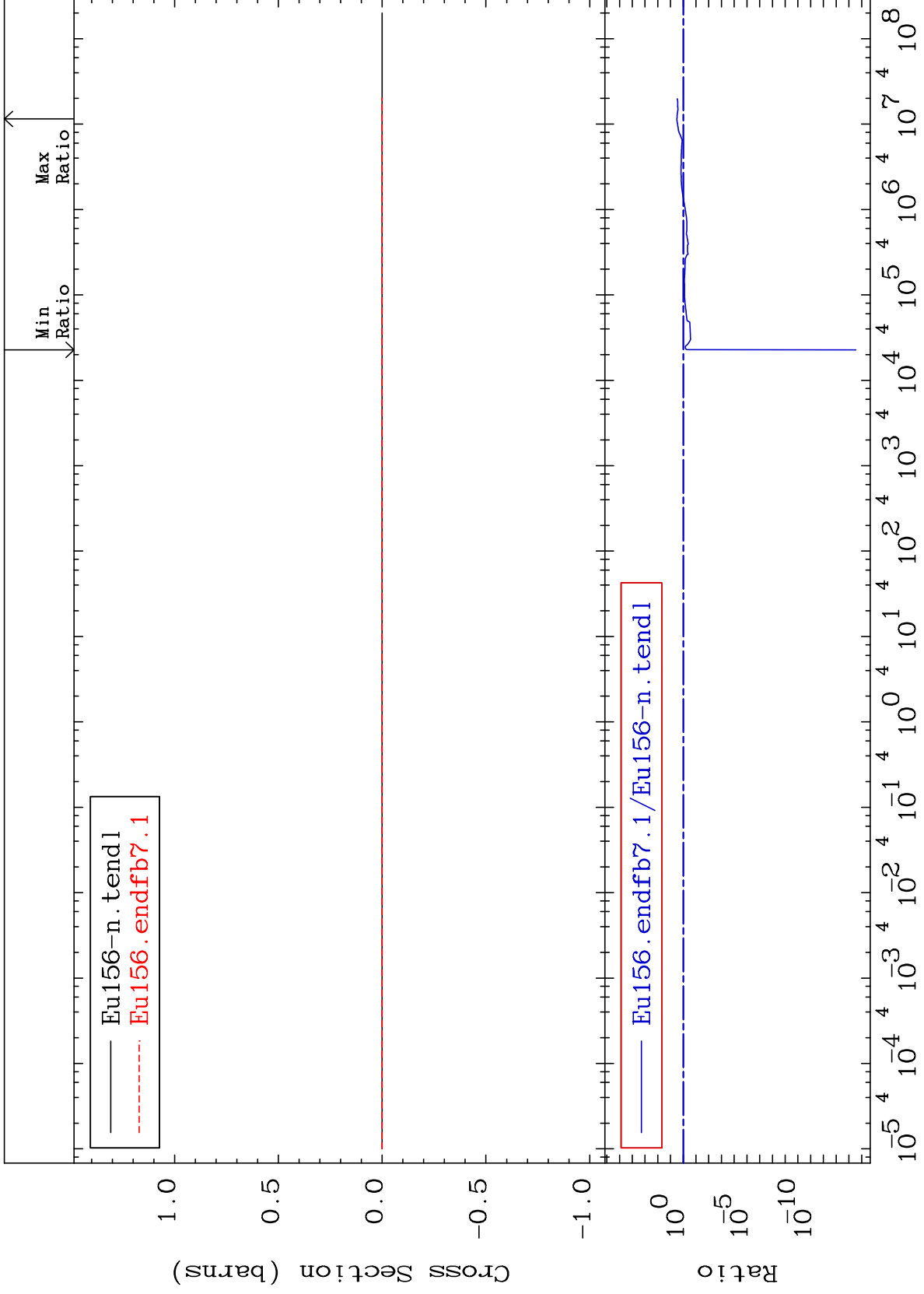
MAT 6340

Kerma non-elastic (all but mt2)
Cross Section

63-Eu-156
-98.06 To 9999. %



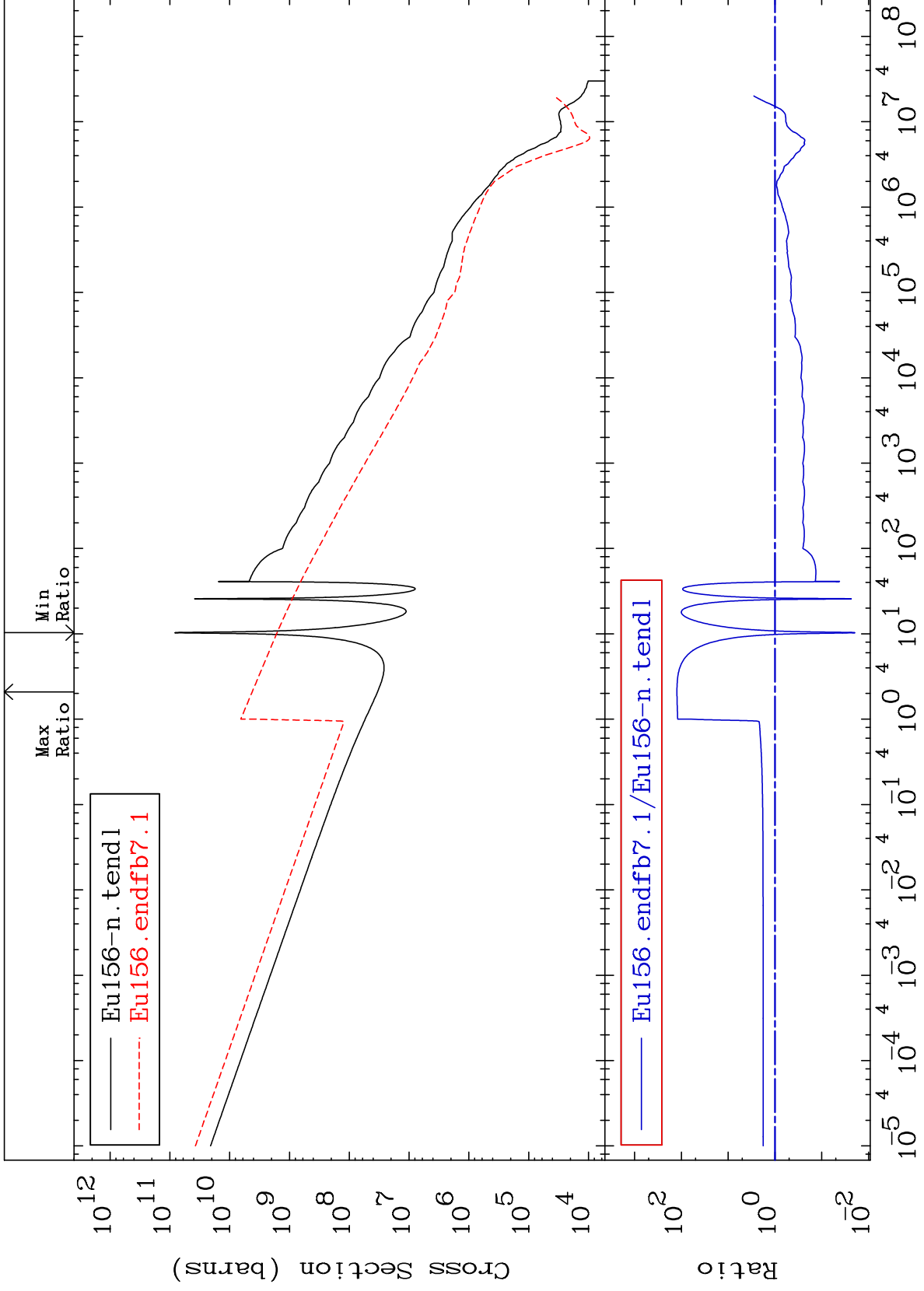




MAT 6340

Kerma capture (mt102)
Cross Section

63-Eu-156
-98.06 To 9999. %

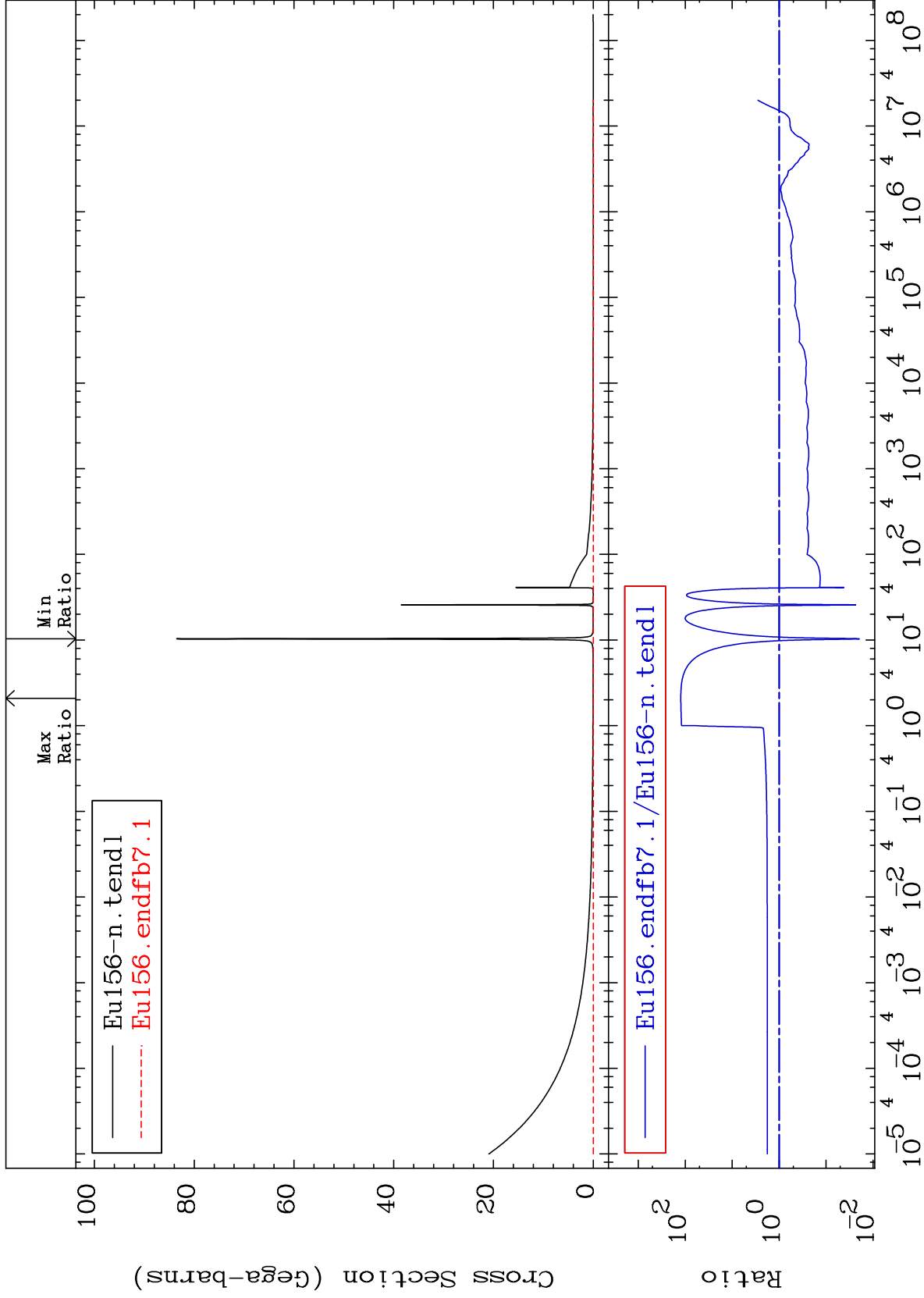


MAT 6340

Total photon (eV-barns)
Cross Section

63-Eu-156

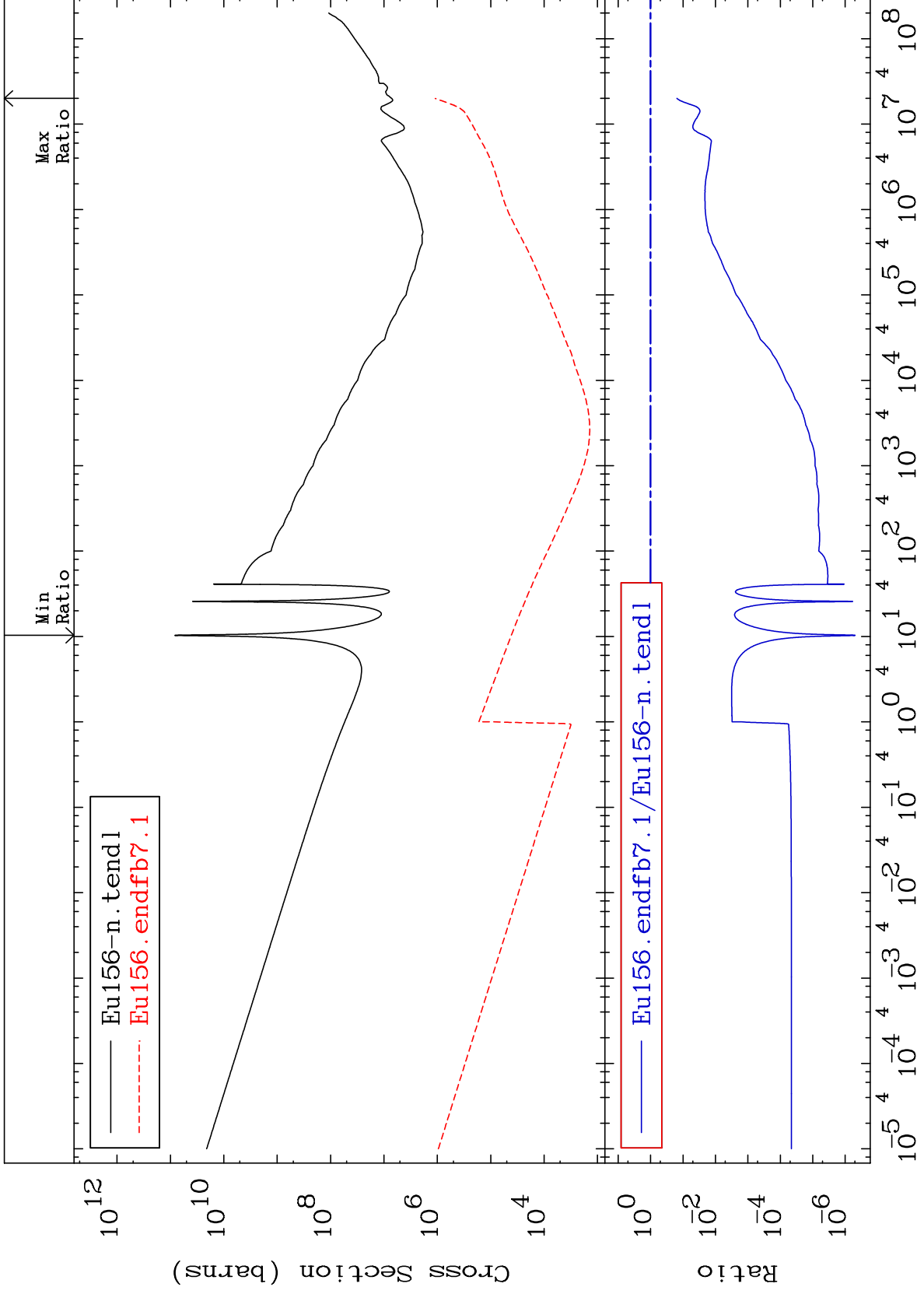
-98.06 To 9999. %



MAT 6340

Total kinematic kerma (high limit)
Cross Section

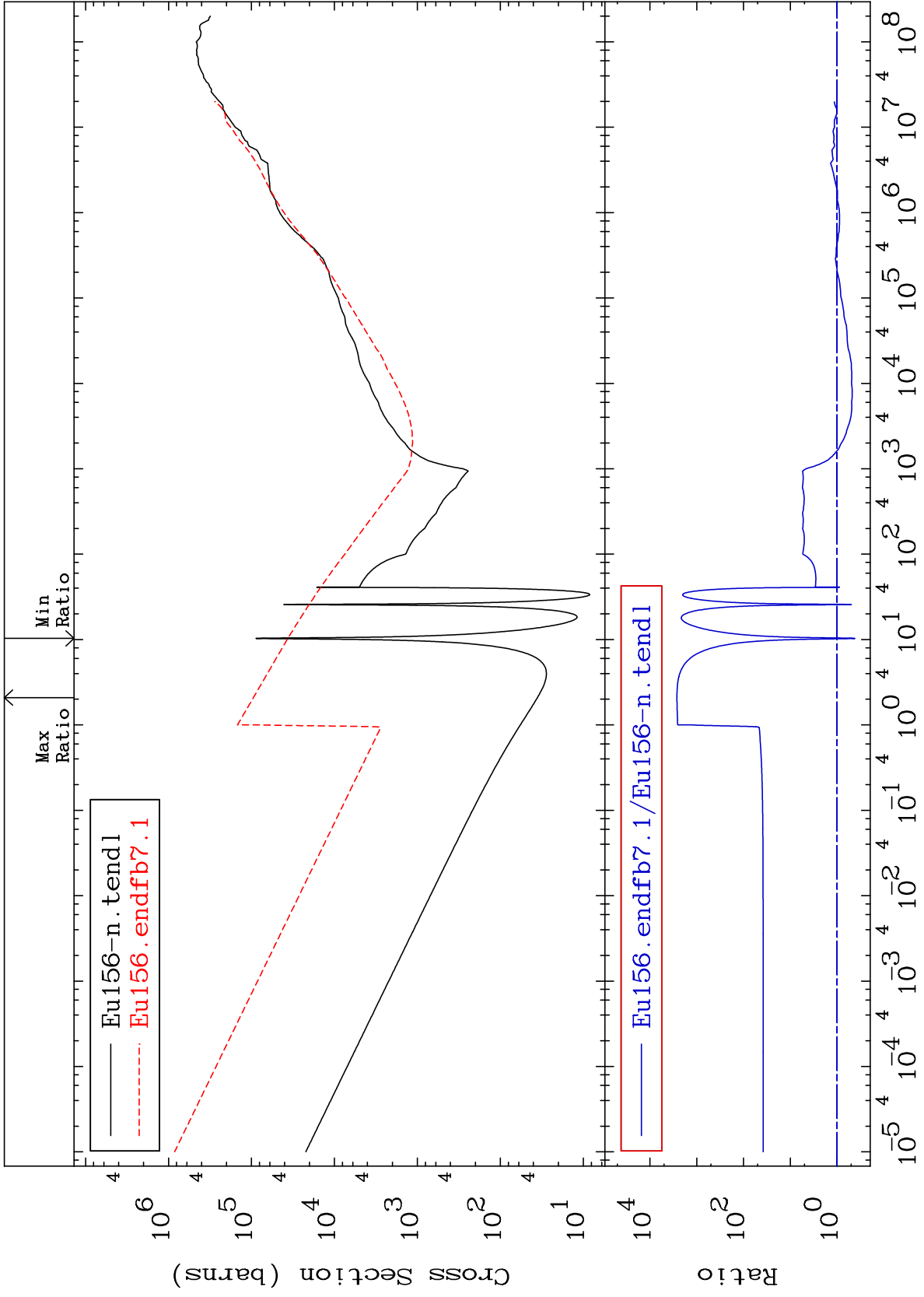
63-Eu-156
-100.0 To -84.57%



MAT 6340

Dpa total (eV-barns)
Cross Section

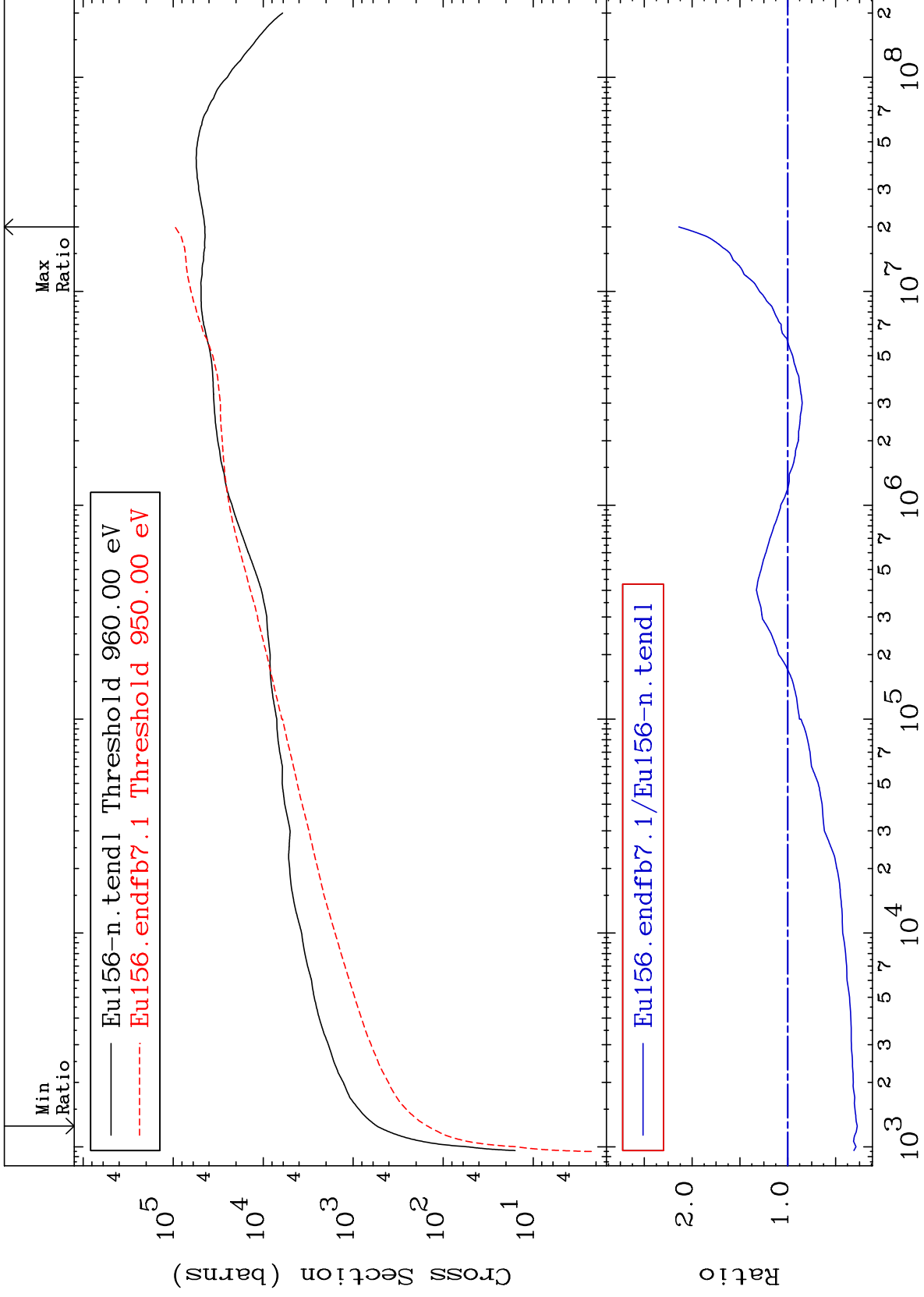
63-Eu-156
-58.80 To 9999. %



MAT 6340

Dpa elastic (mt2)
Cross Section

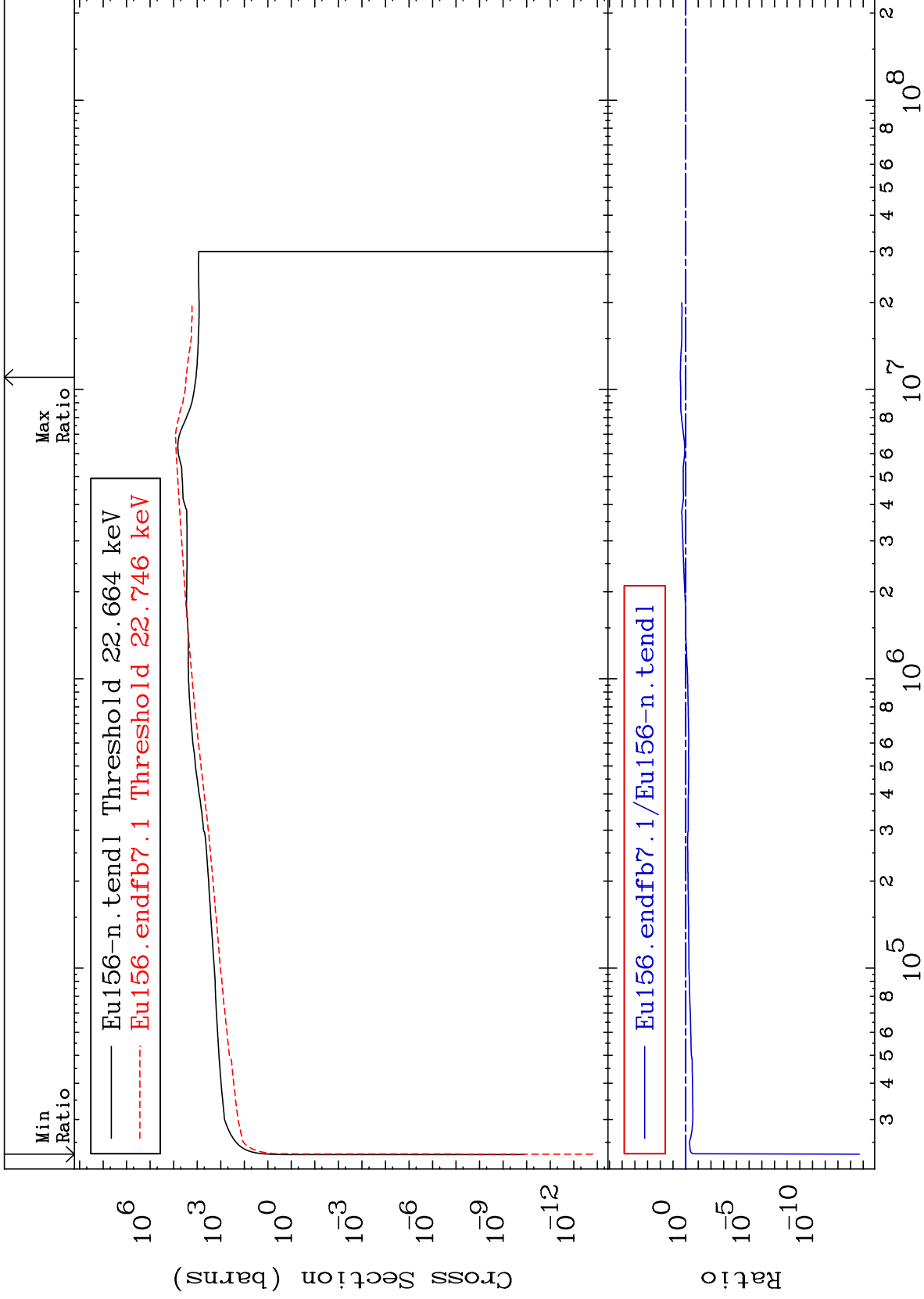
63-Eu-156
-72.69 To 114.1 %



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Incident Energy (eV)

63-Eu-156



MAT 6340

Dpa disappearance (mt102 -120)
Cross Section

63-Eu-156
-63.16 To 9999. %

