

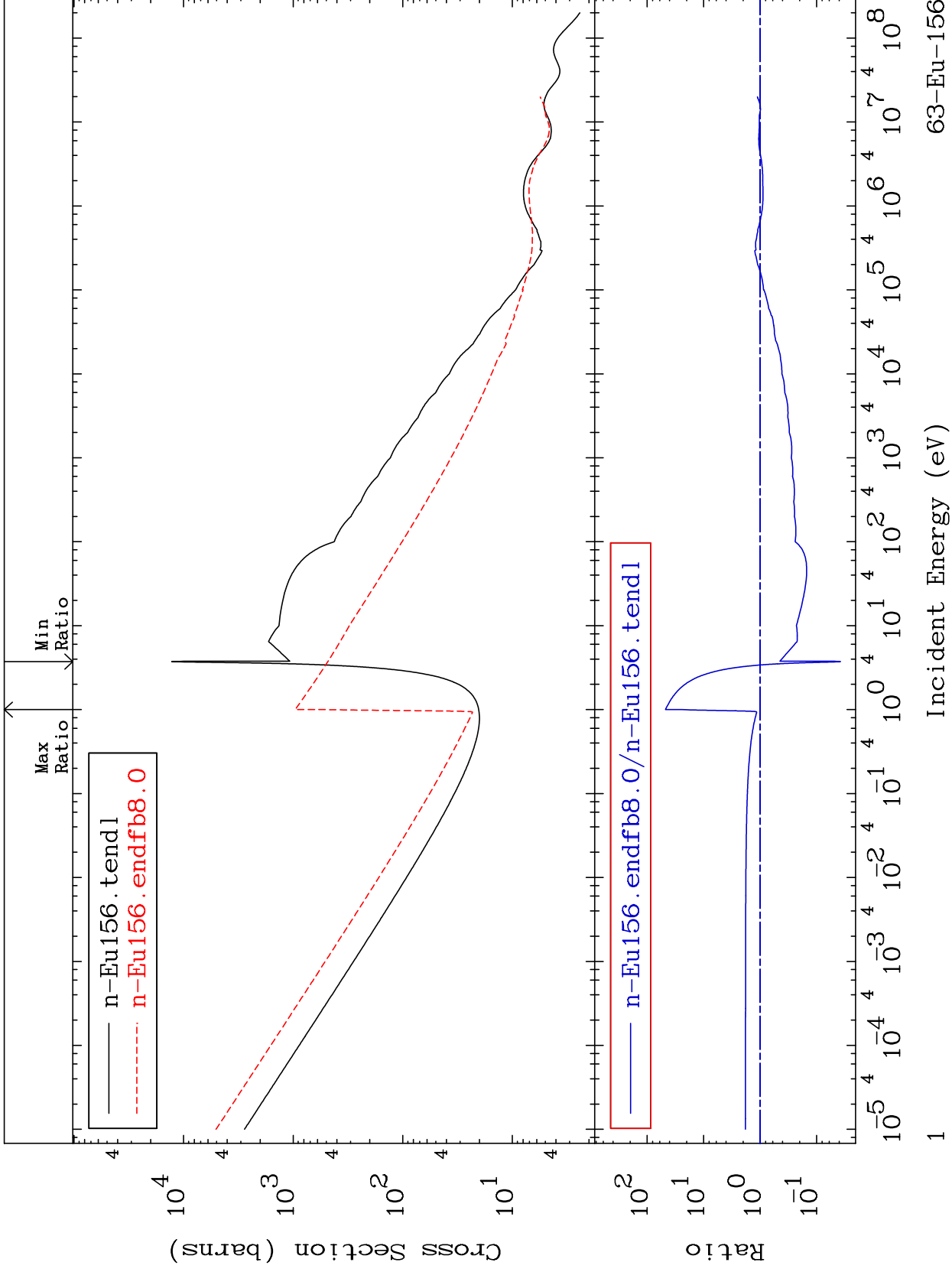
MAT 6340

Total

63-Eu-156

Cross Section

-96.24 To 4629. %



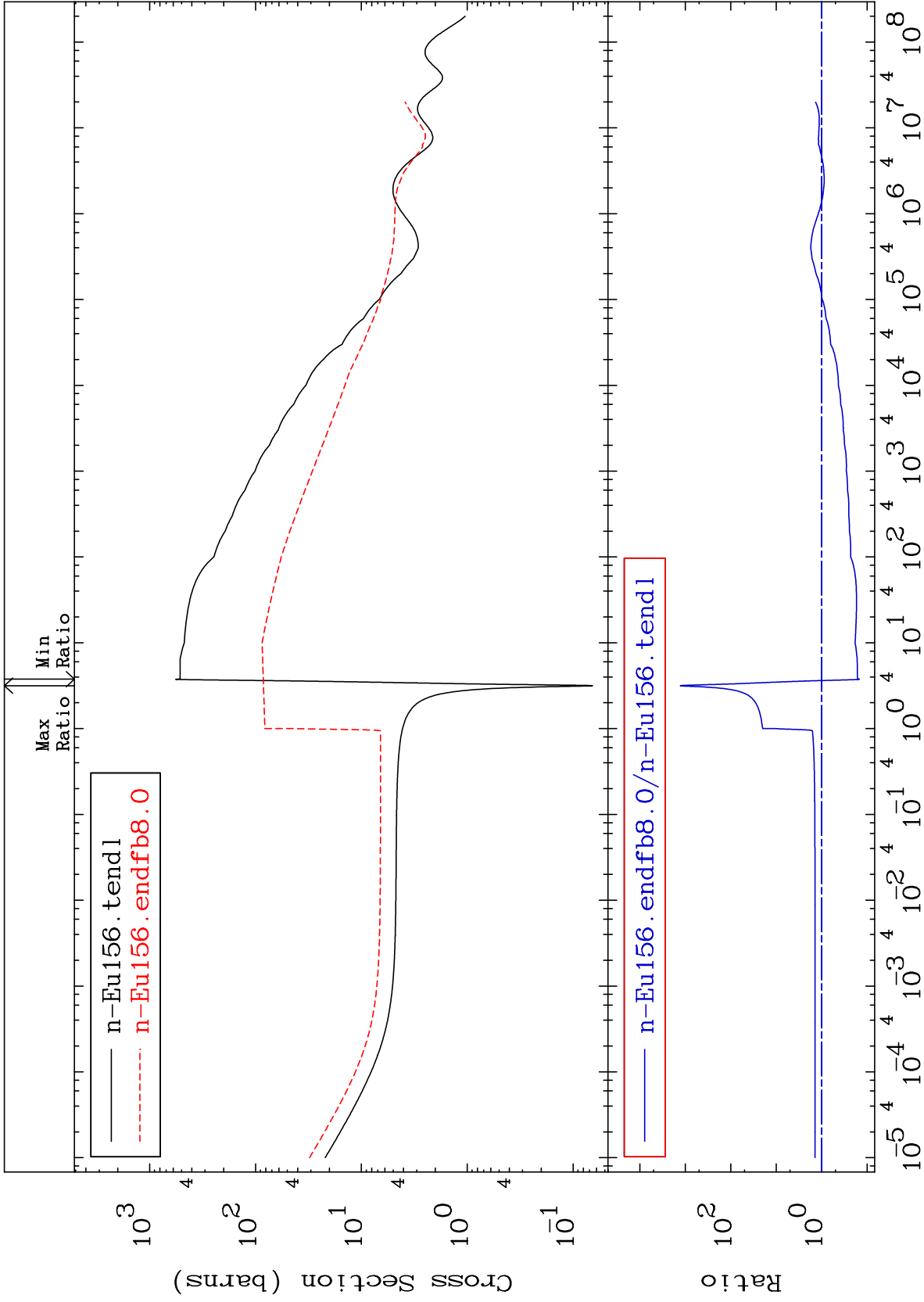
MAT 6340

Elastic

63-Eu-156

Cross Section

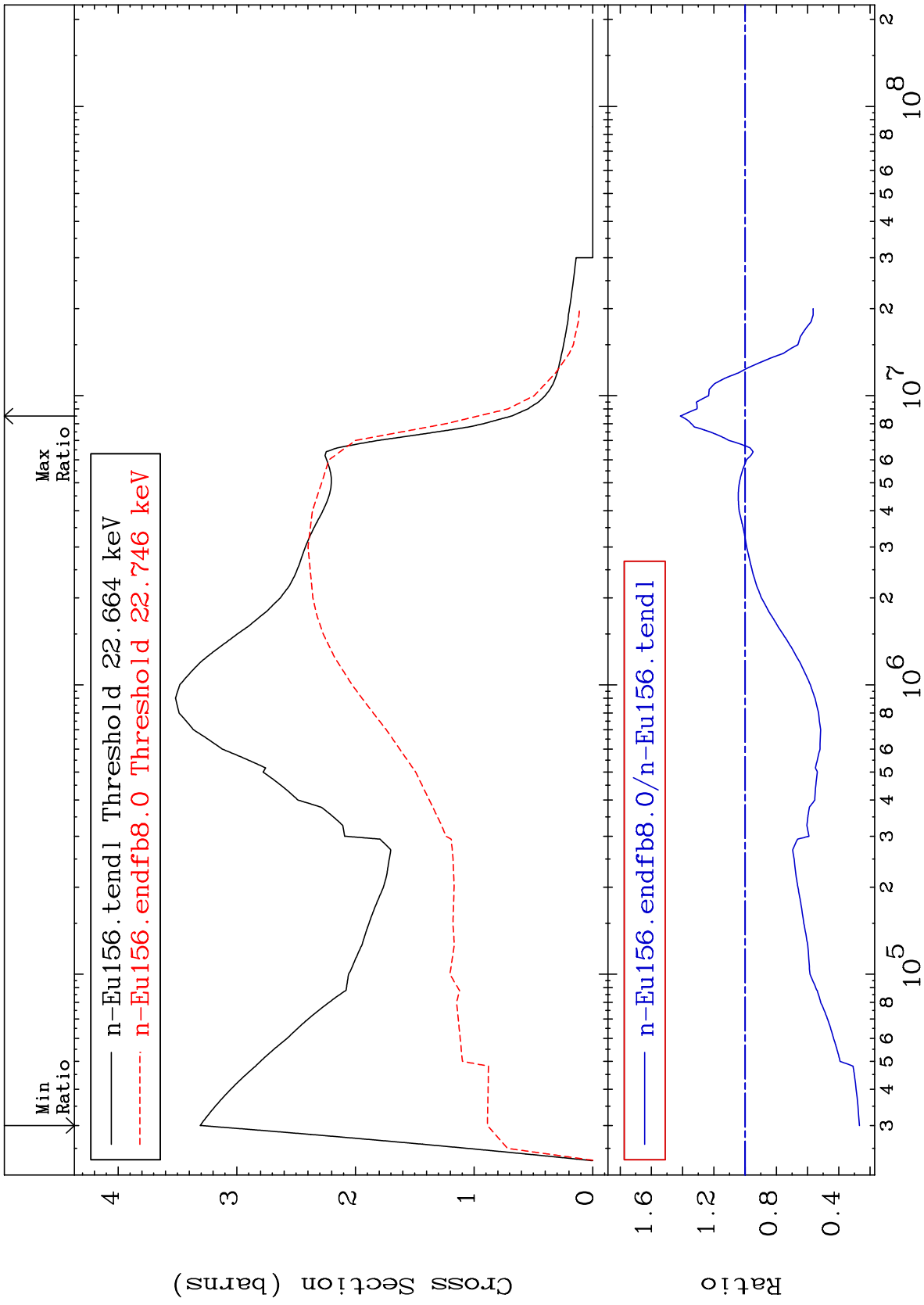
-85.19 To 9999. %



MAT 6340

Inelastic
Cross Section

63-Eu-156
-73.18 To 41.46 %



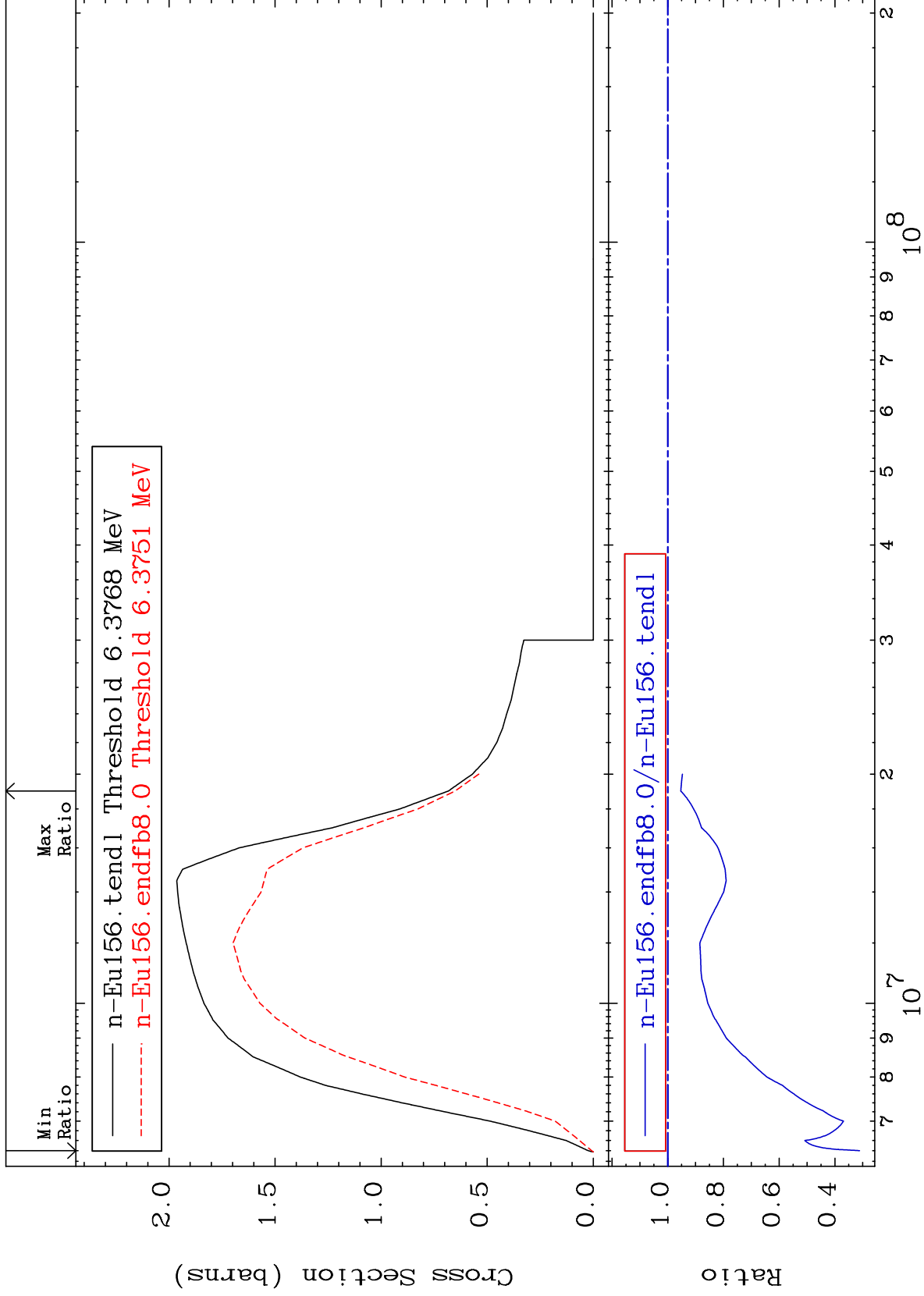
MAT 6340

(n,2n)

63-Eu-156

Cross Section

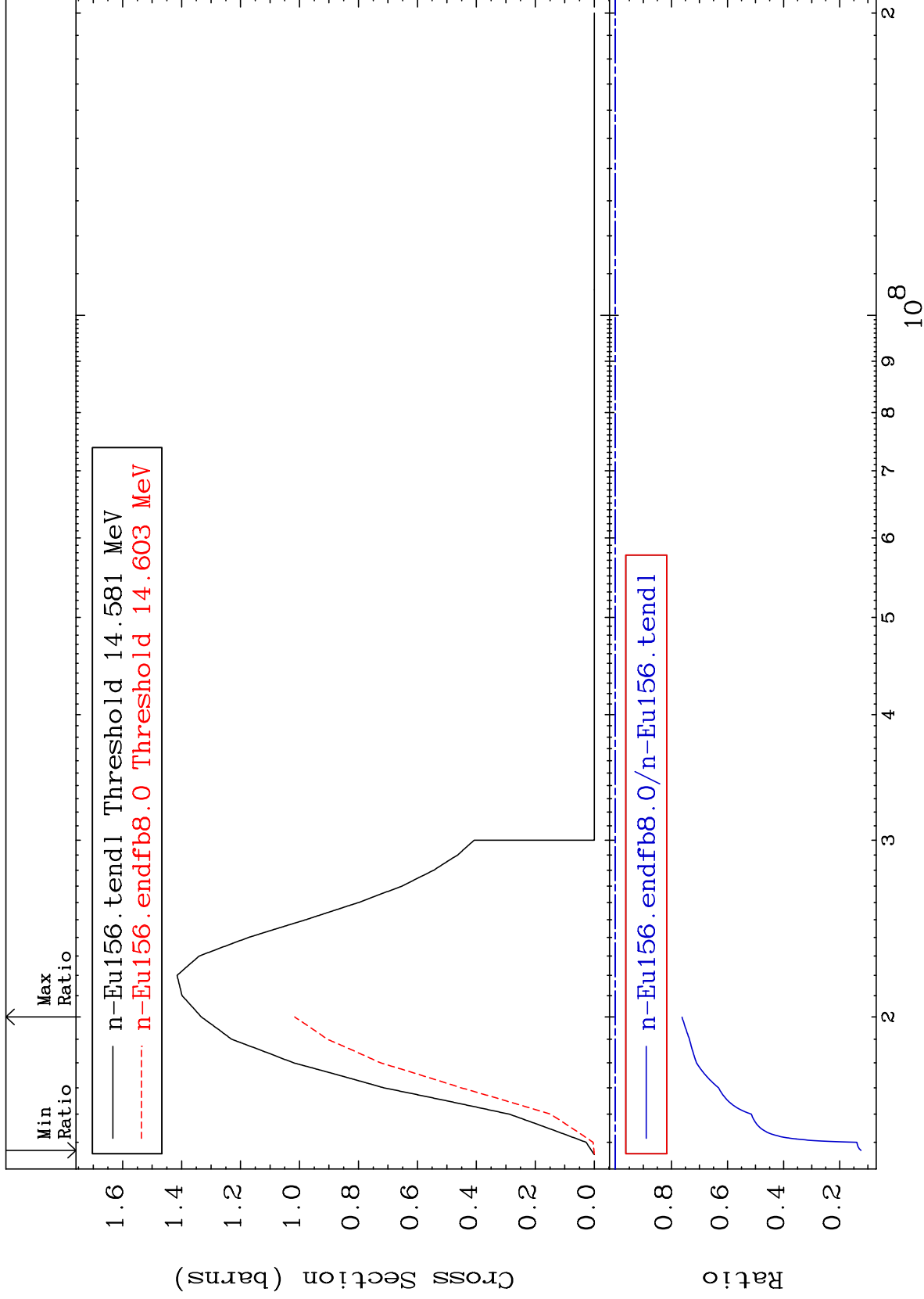
-68.85 To -4.683%



MAT 6340

(n,3n)
Cross Section

63-Eu-156
-87.56 To -23.76%



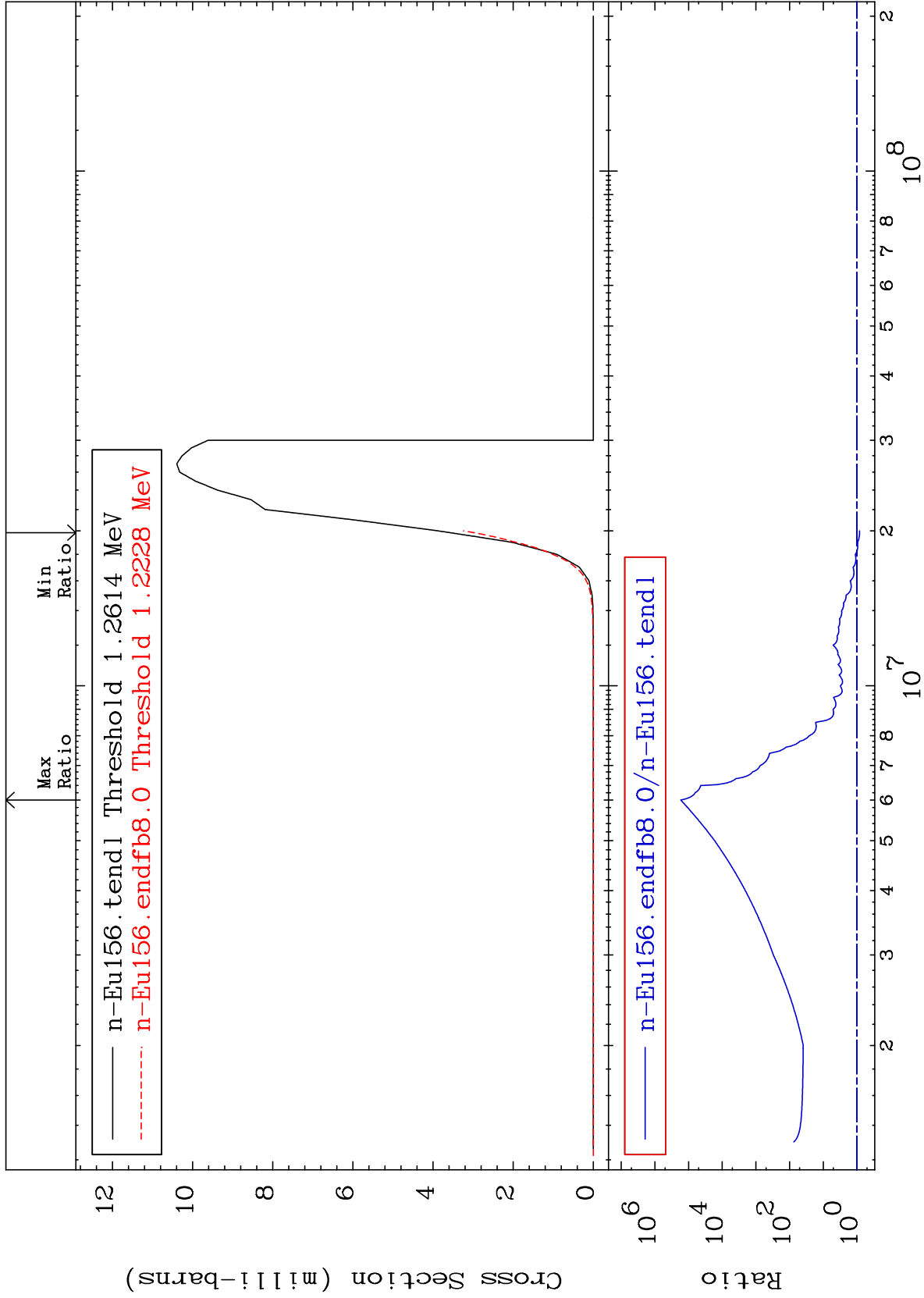
MAT 6340

63-Eu-156

(n, n') α

Cross Section

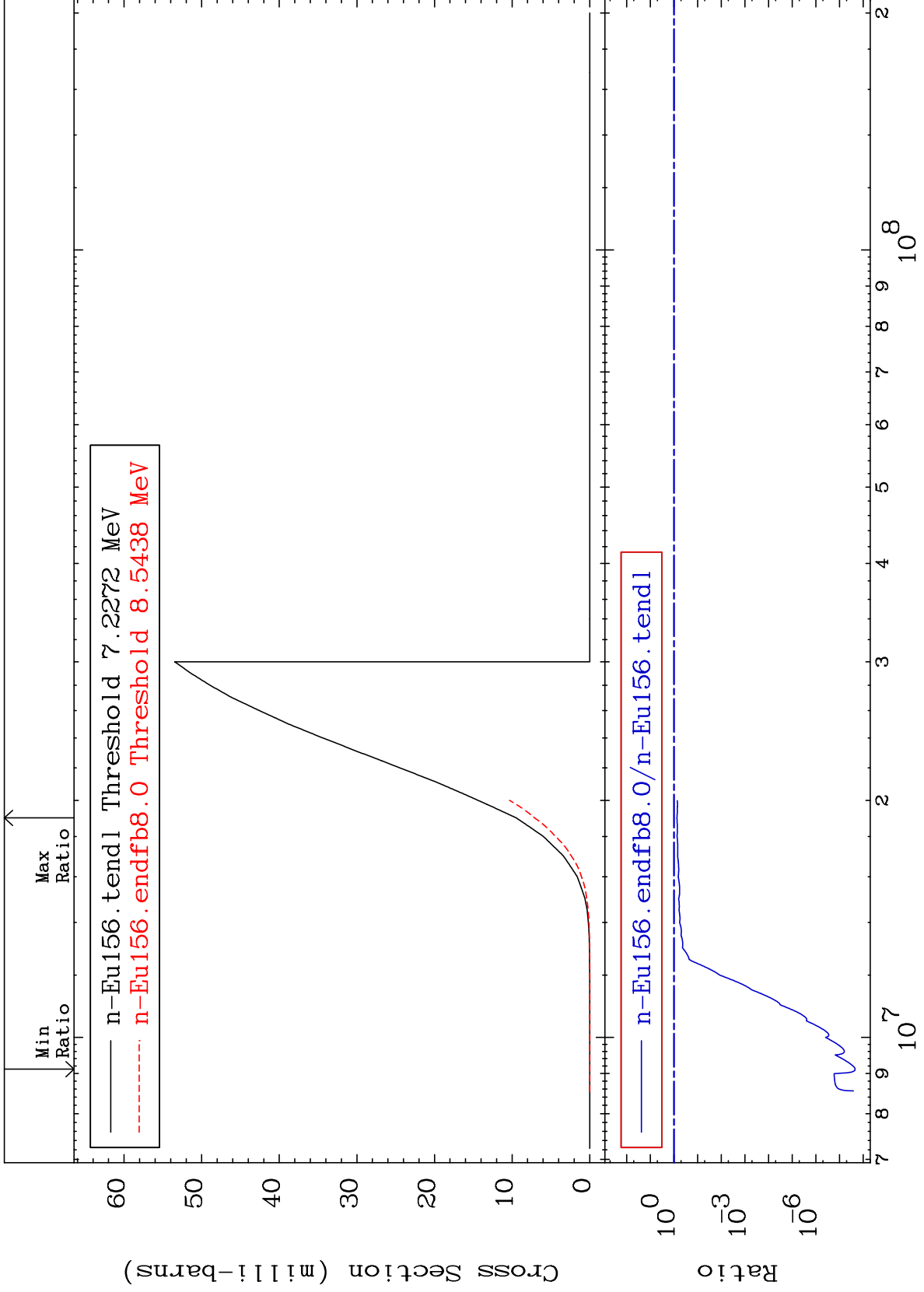
-16.68 To 9999. %



MAT 6340

(n, n') p
Cross Section

63-Eu-156
-100.0 To -25.02%



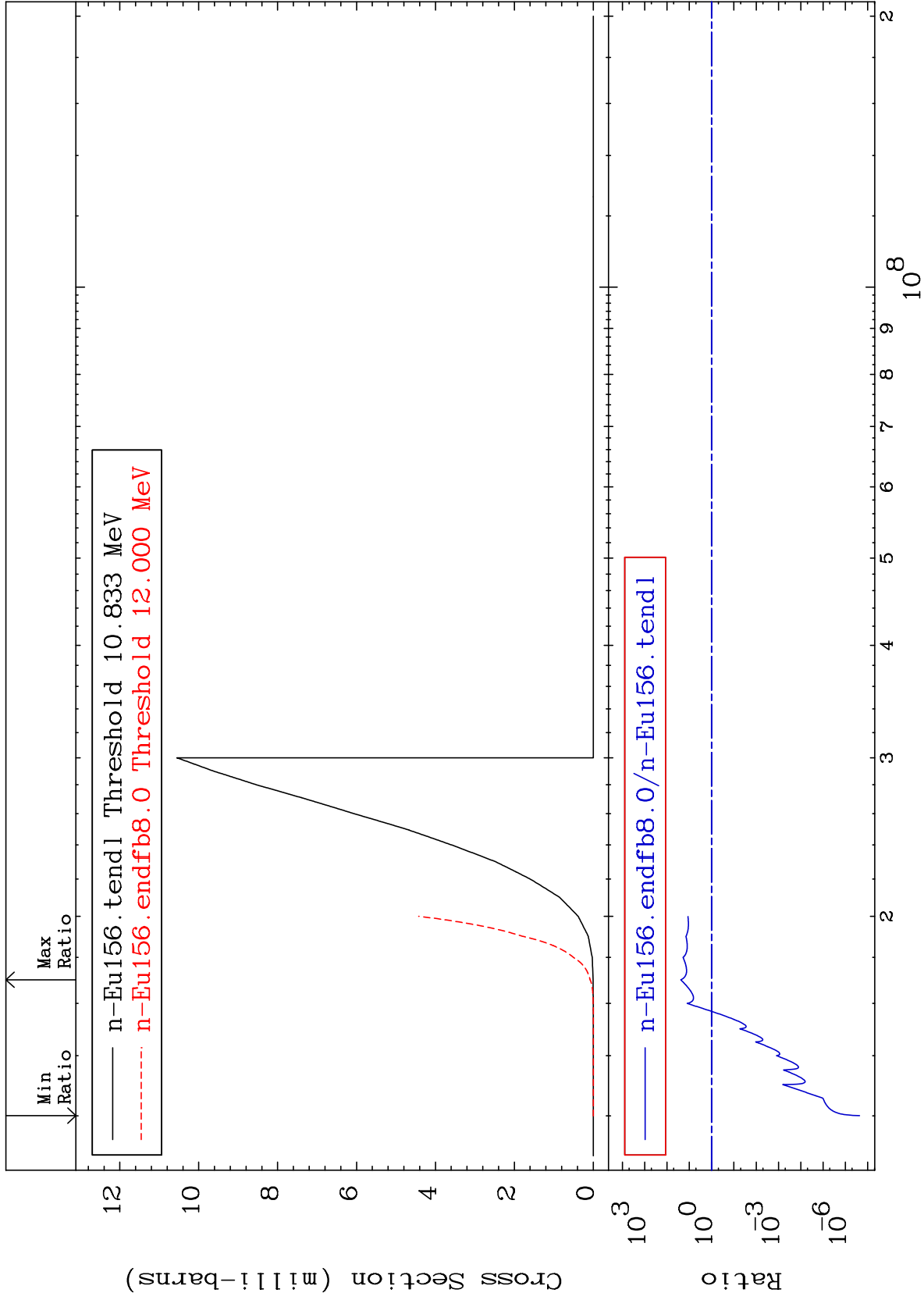
7

Incident Energy (eV)

63-Eu-156

Cross Section

-100.0 To 2308. %



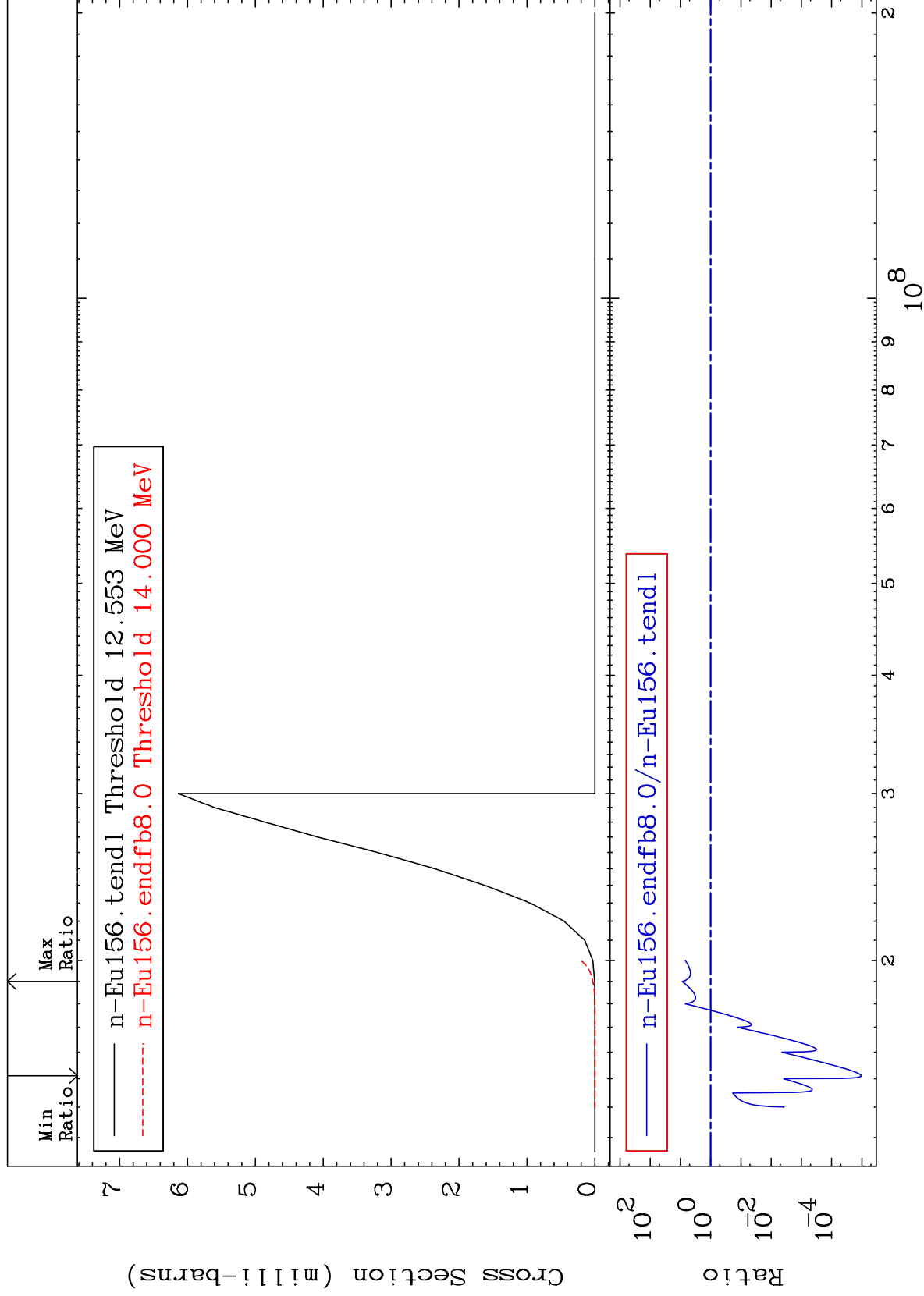
MAT 6340

(n,n') t

63-Eu-156

Cross Section

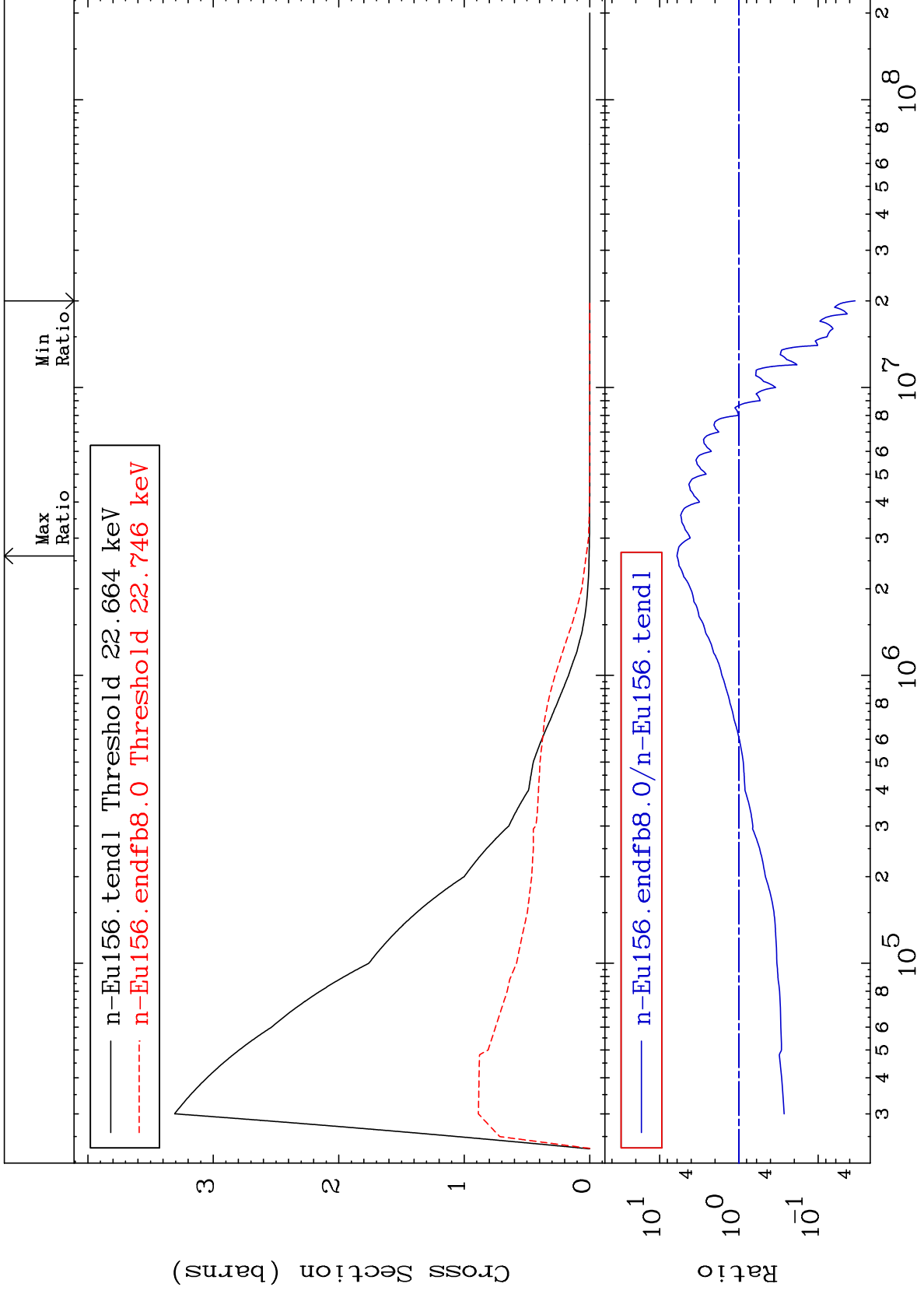
-100.0 To 766.9 %



MAT 6340

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

63-Eu-156
-96.58 To 504.2 %



10

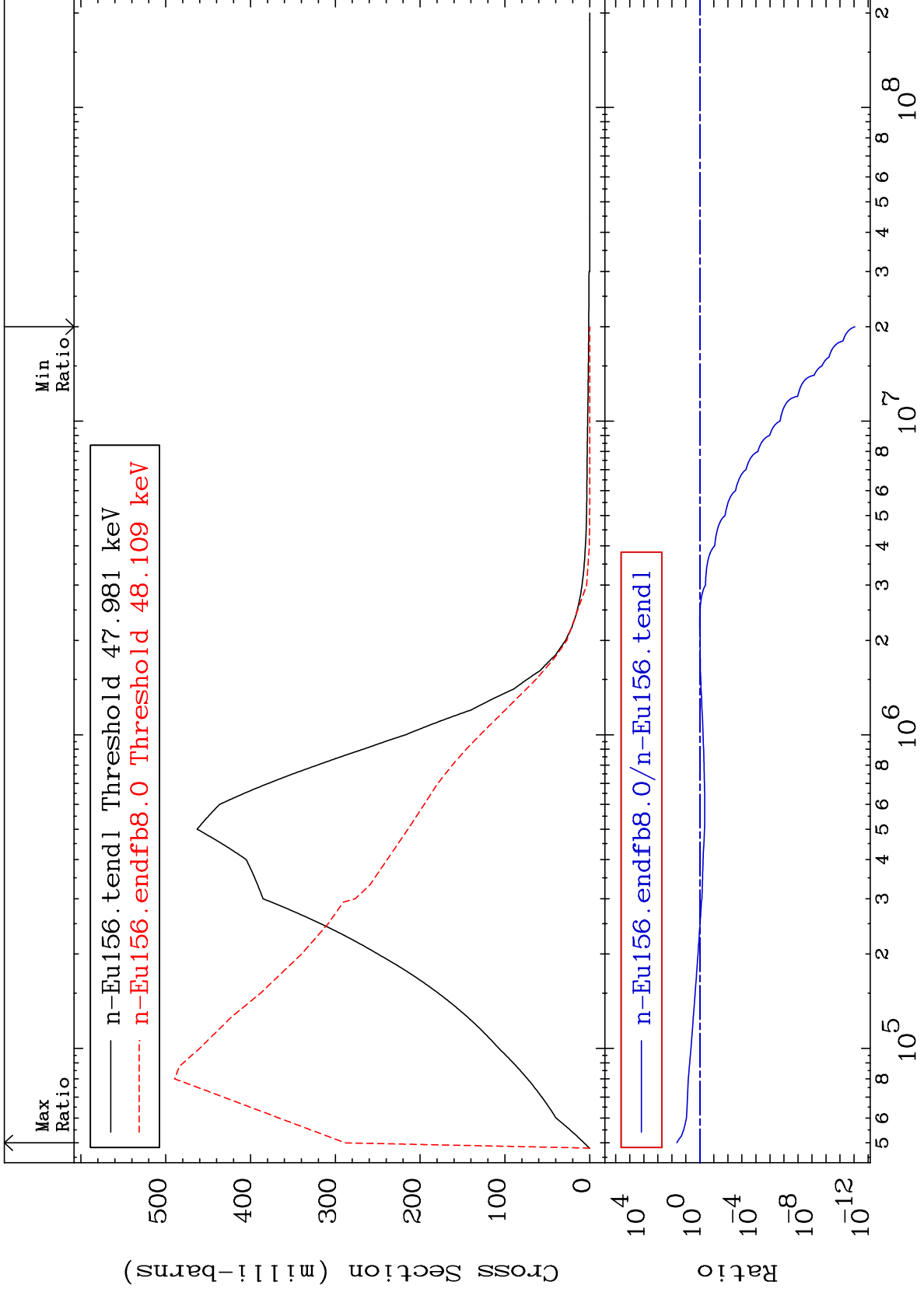
Incident Energy (eV)

63-Eu-156

MAT 6340

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

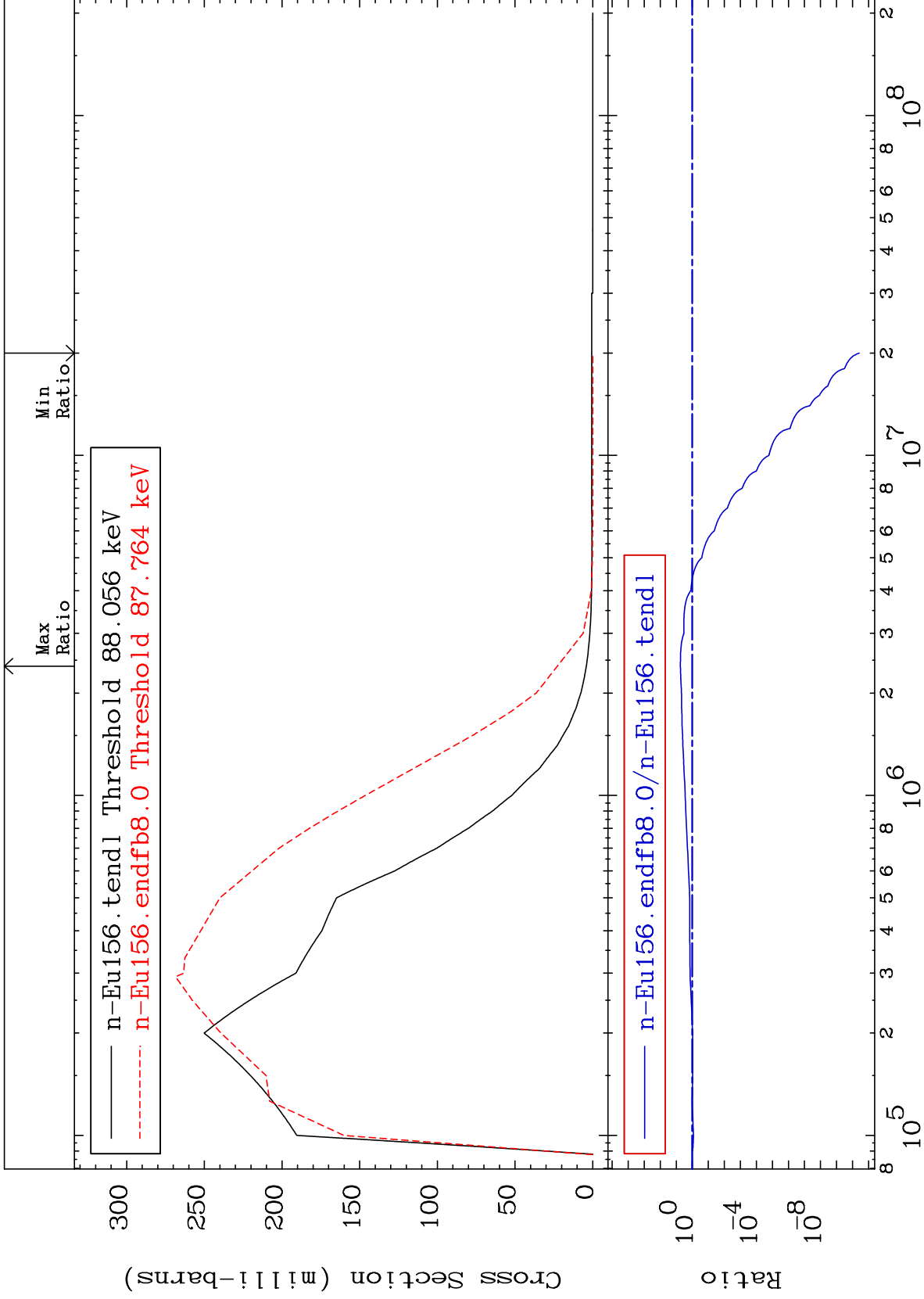
63-Eu-156
-100.0 To 4228. %



MAT 6340

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

63-Eu-156
-100.0 To 455.8 %



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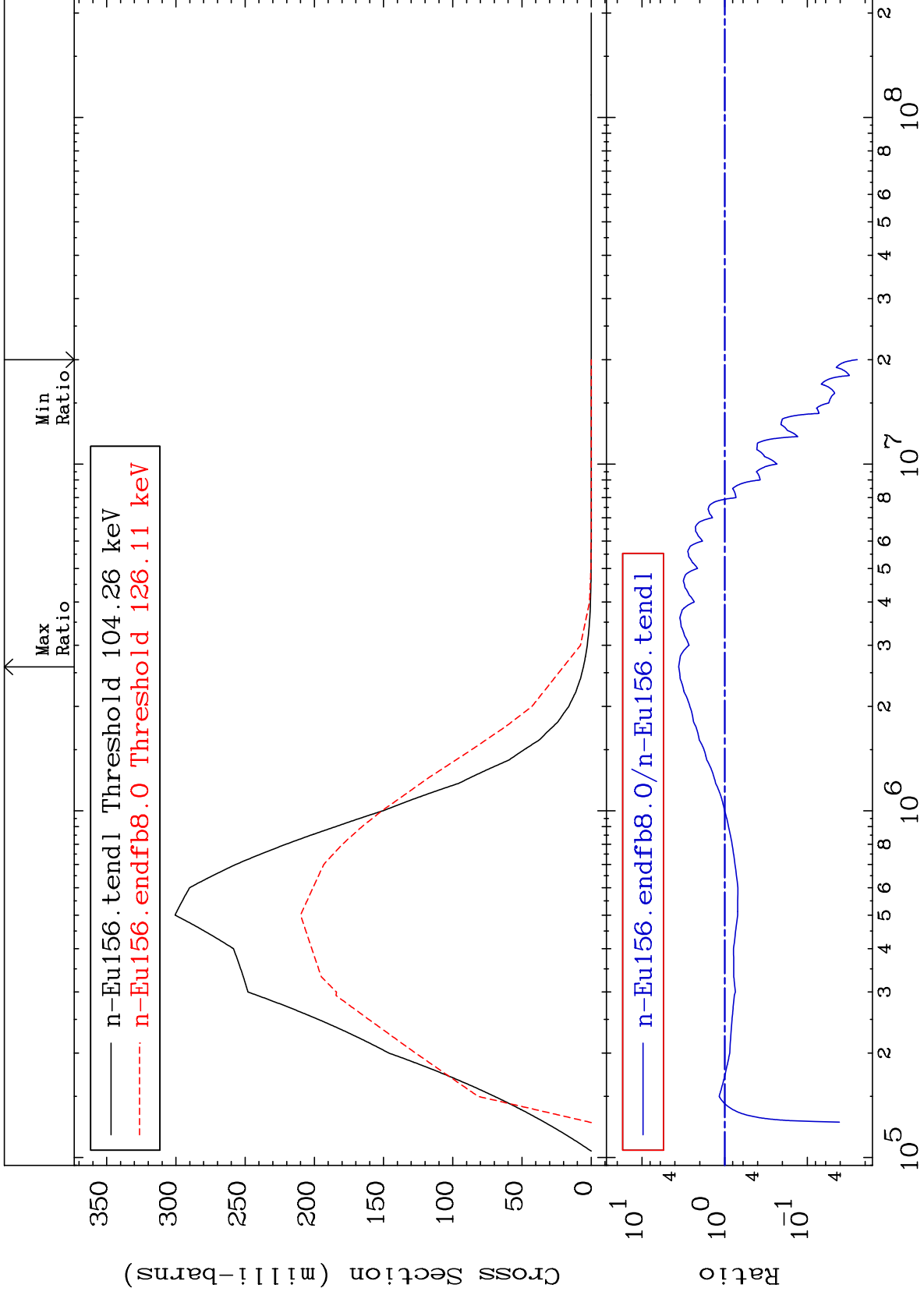
Incident Energy (eV)

63-Eu-156

MAT 6340

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

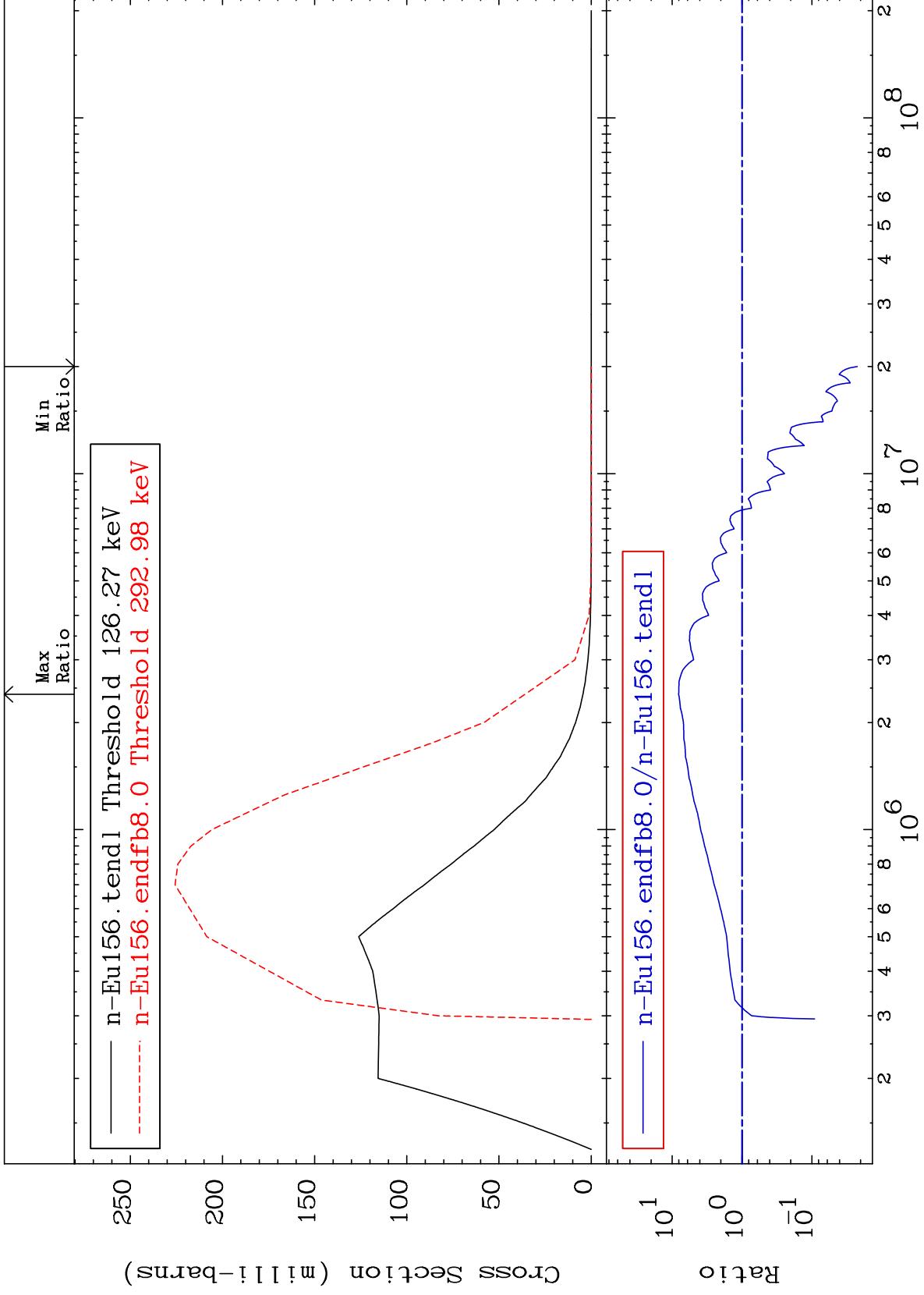
63-Eu-156
-97.51 To 260.9 %



MAT 6340

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

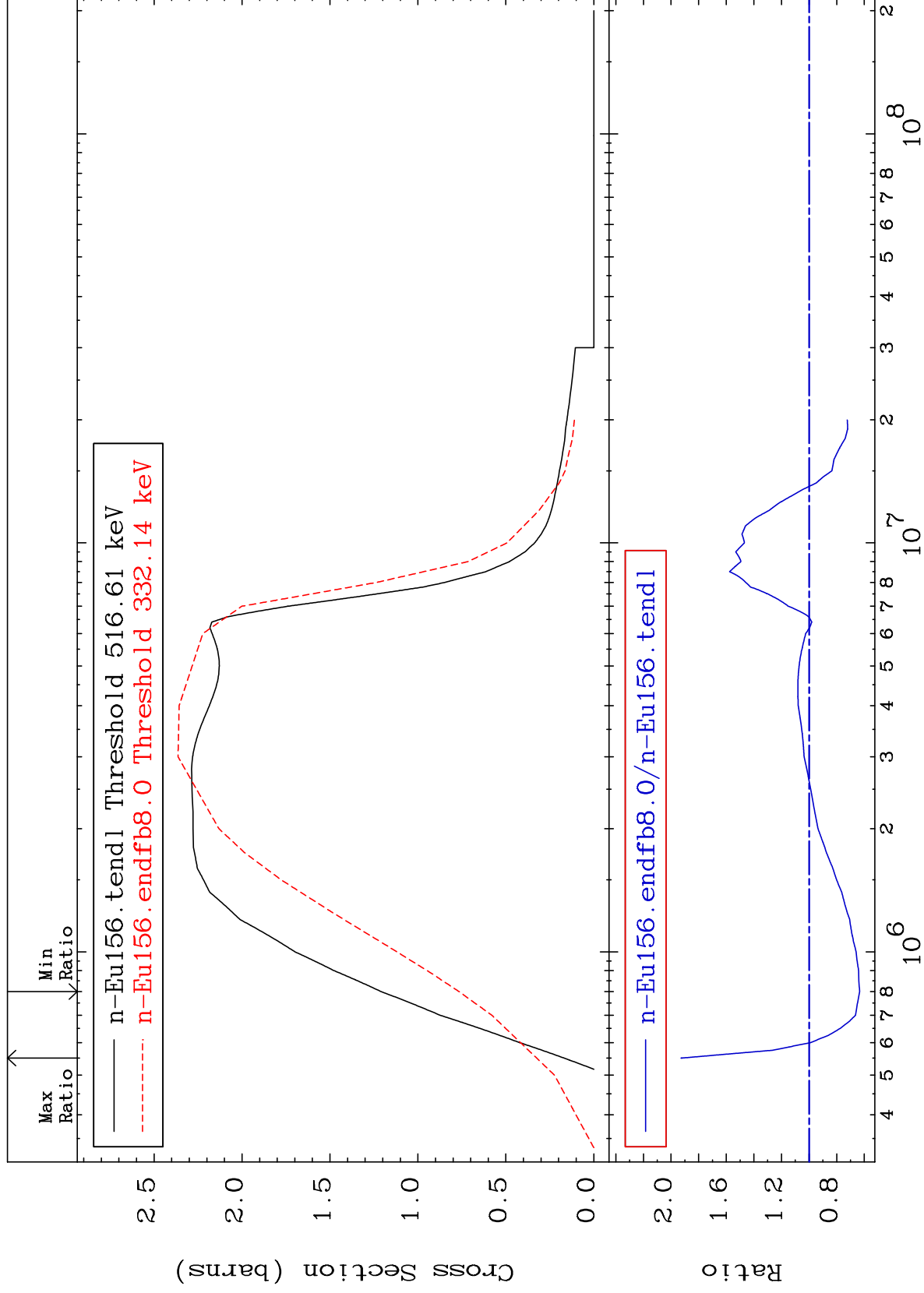
63-Eu-156
-97.76 To 705.4 %



MAT 6340

(n, n') Continuum
Cross Section

63-Eu-156
-36.62 To 92.65 %



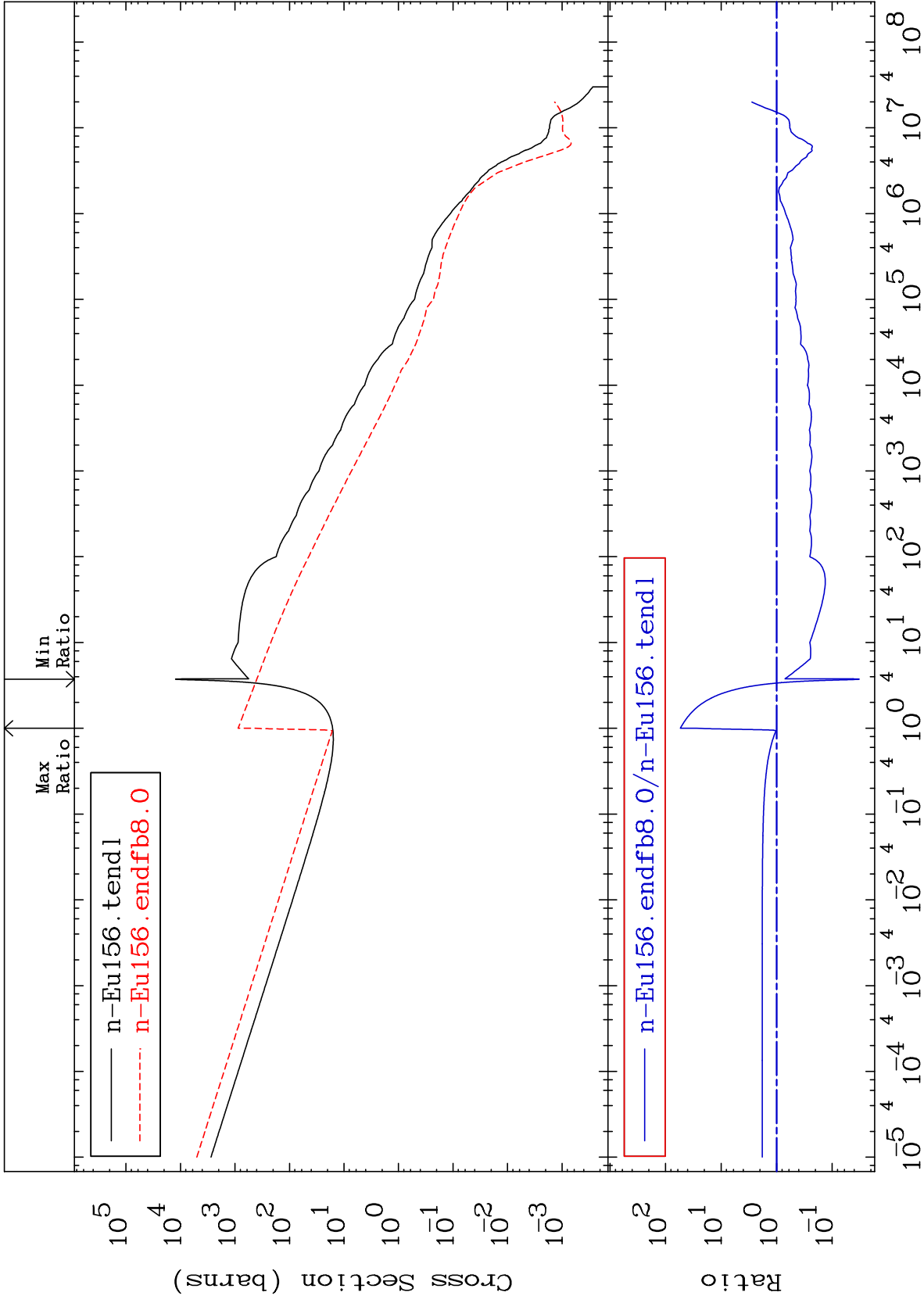
15

Incident Energy (eV)

63-Eu-156

MAT 6340

(n, γ)
Cross Section
63-Eu-156
-96.77 To 5315. %



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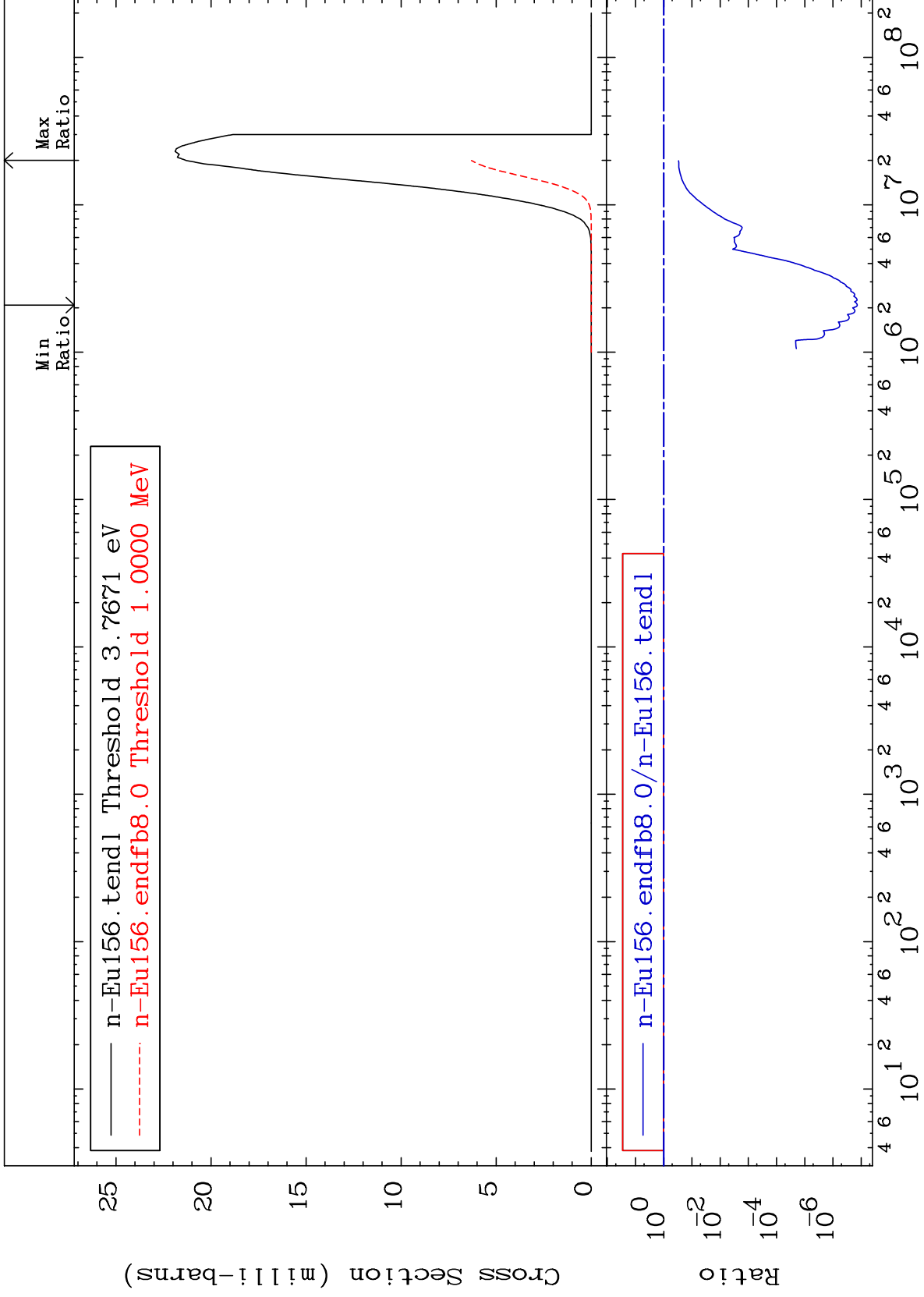
Incident Energy (eV)

63-Eu-156

MAT 6340

(n,p)
Cross Section

63-Eu-156
-100.0 To -70.41%



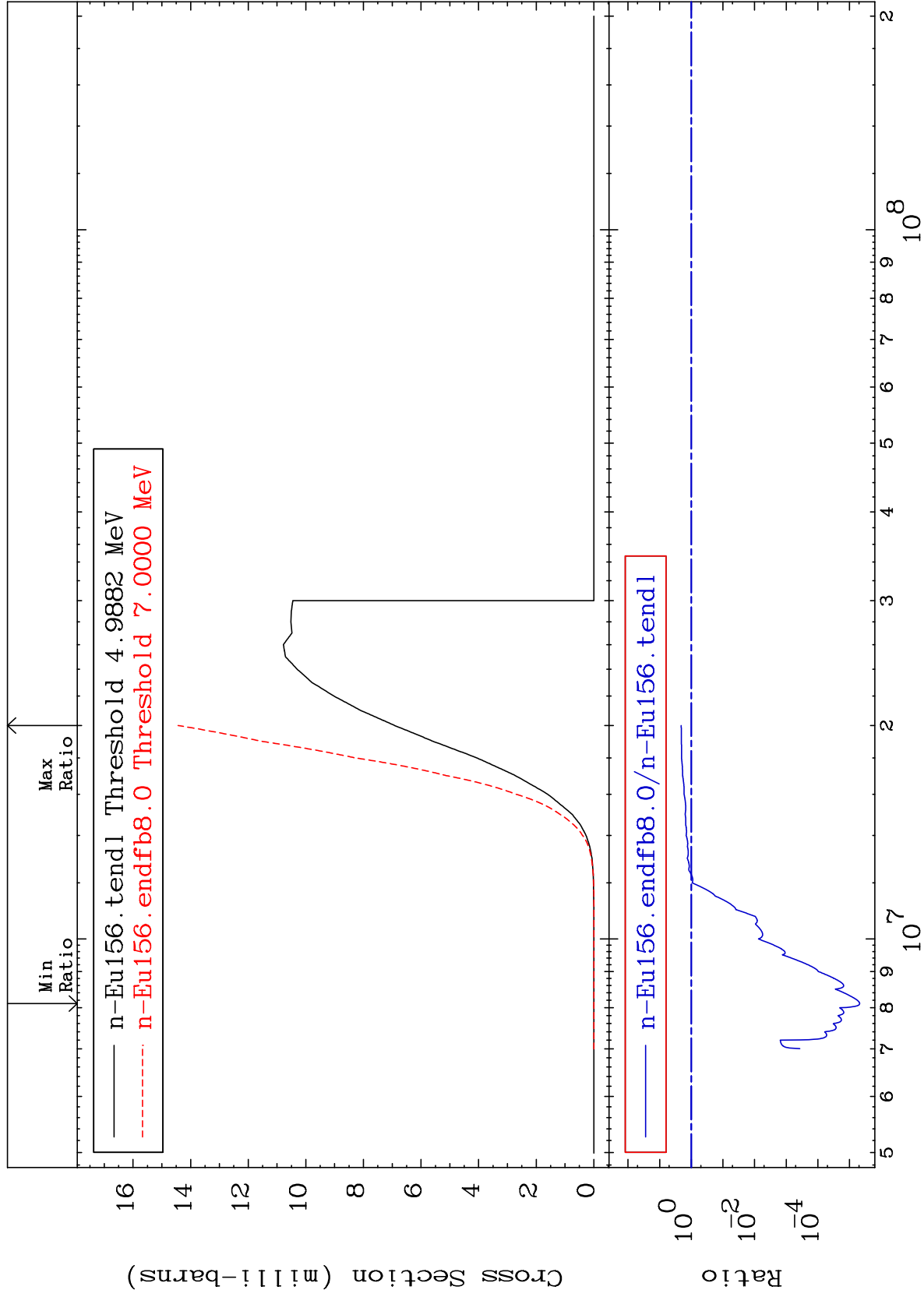
MAT 6340

(n, d)

63-Eu-156

Cross Section

-100.0 To 108.7 %



18

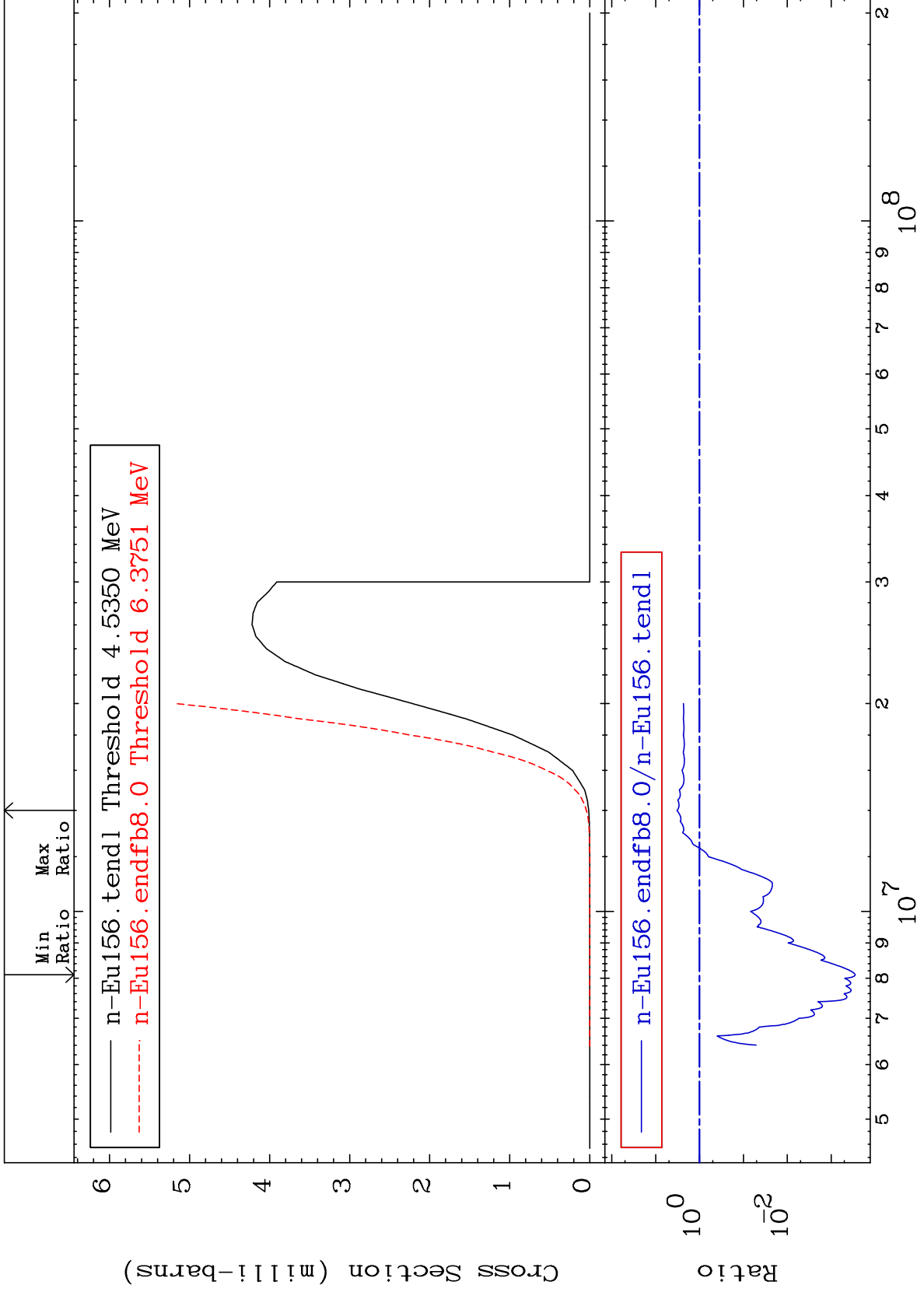
Incident Energy (eV)

63-Eu-156

MAT 6340

(n, t)
Cross Section

63-Eu-156
-99.97 To 228.2 %



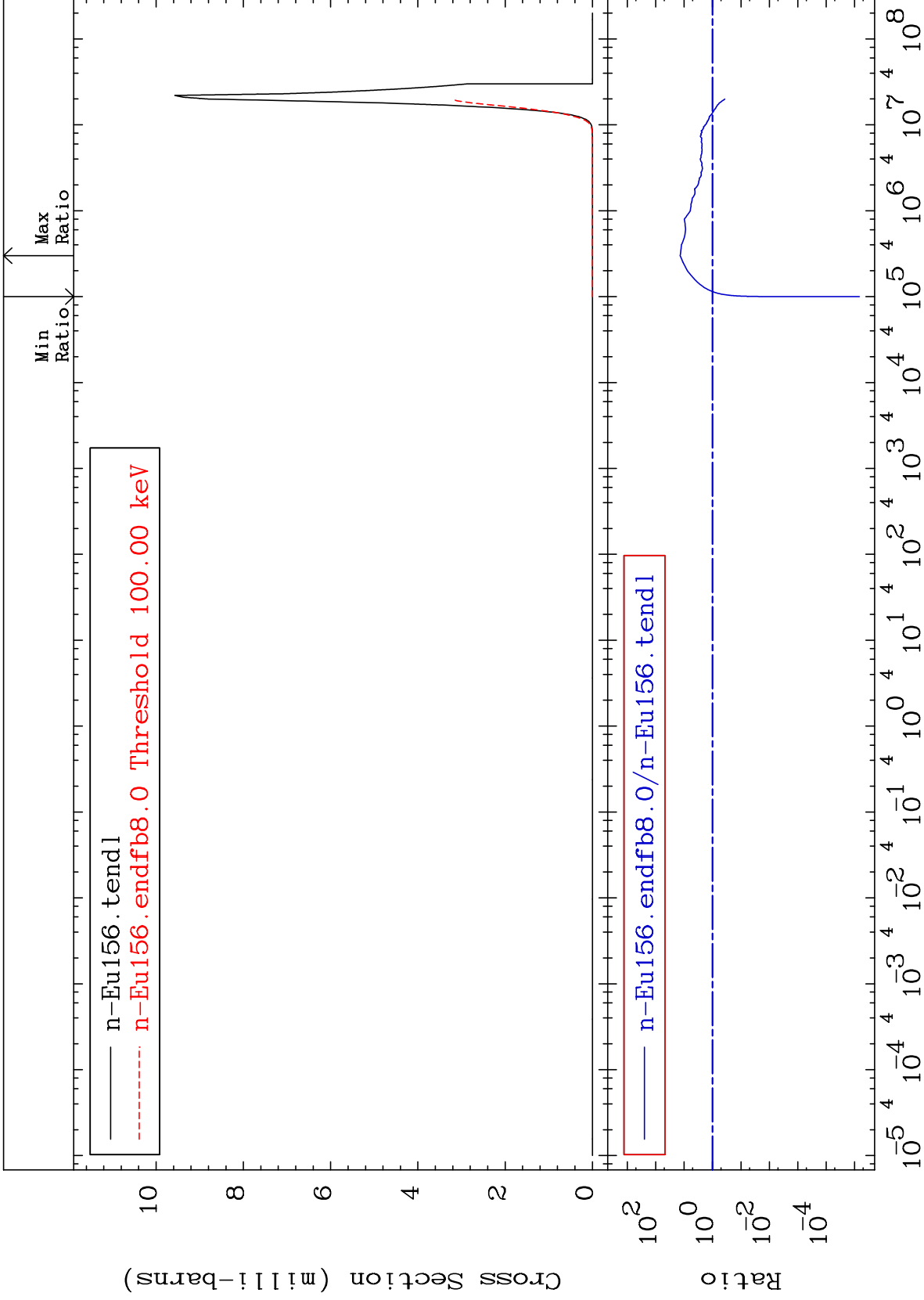
MAT 6340

(n, α)

63-Eu-156

Cross Section

-100.0 To 1278. %



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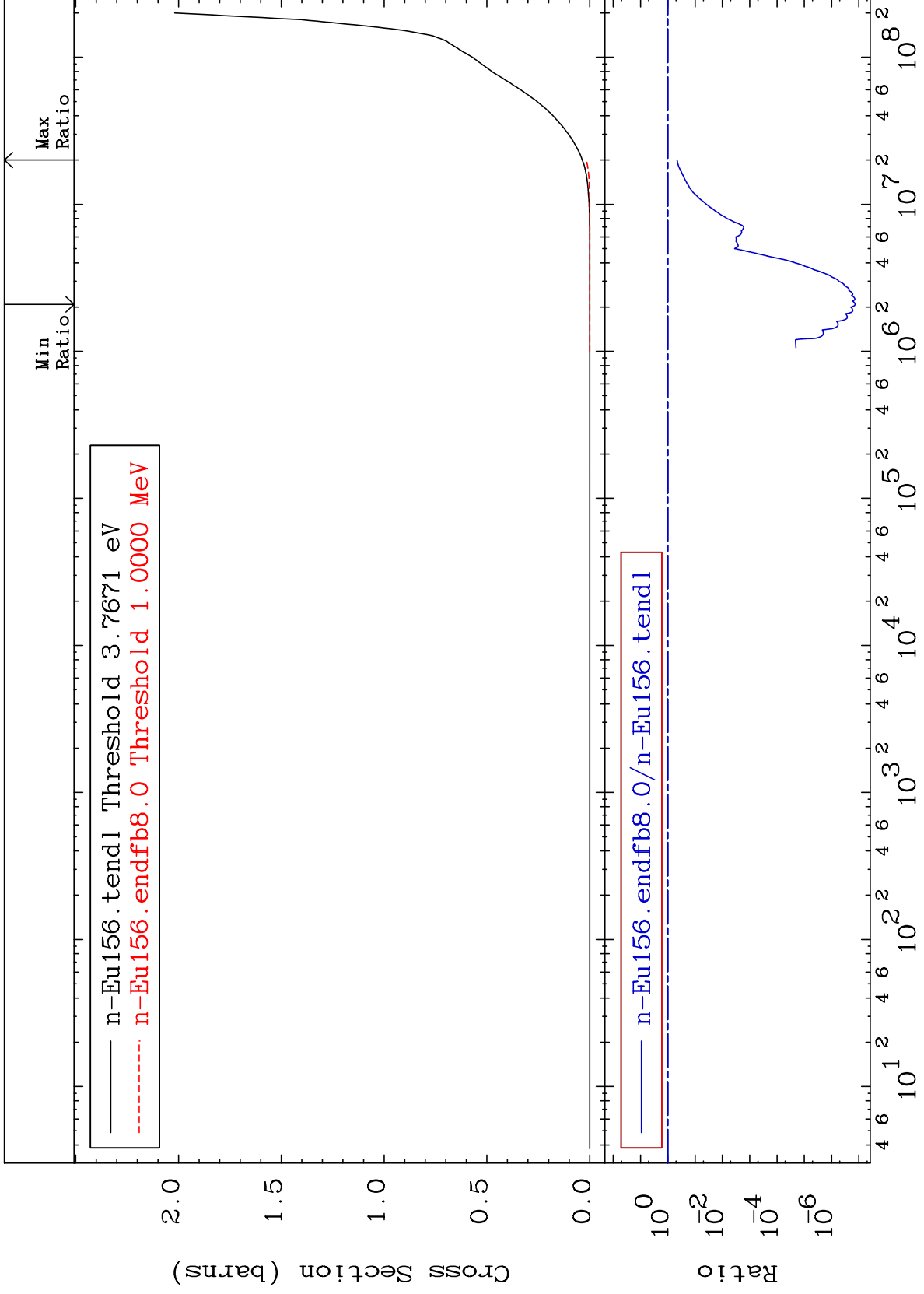
Incident Energy (eV)

63-Eu-156

MAT 6340

Hydrogen Production
Cross Section

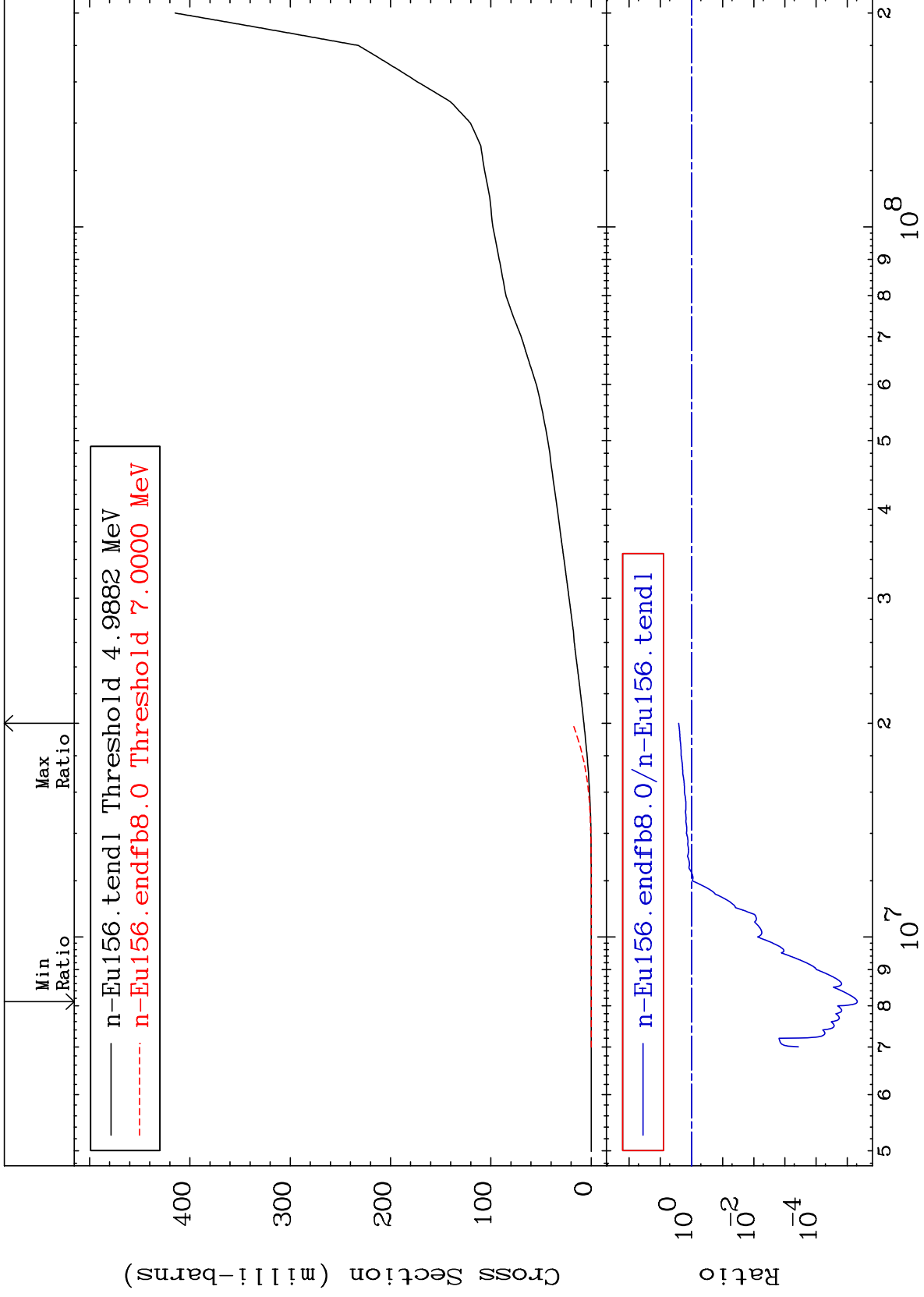
63-Eu-156
-100.0 To -53.54%



MAT 6340

Deuterium Production
Cross Section

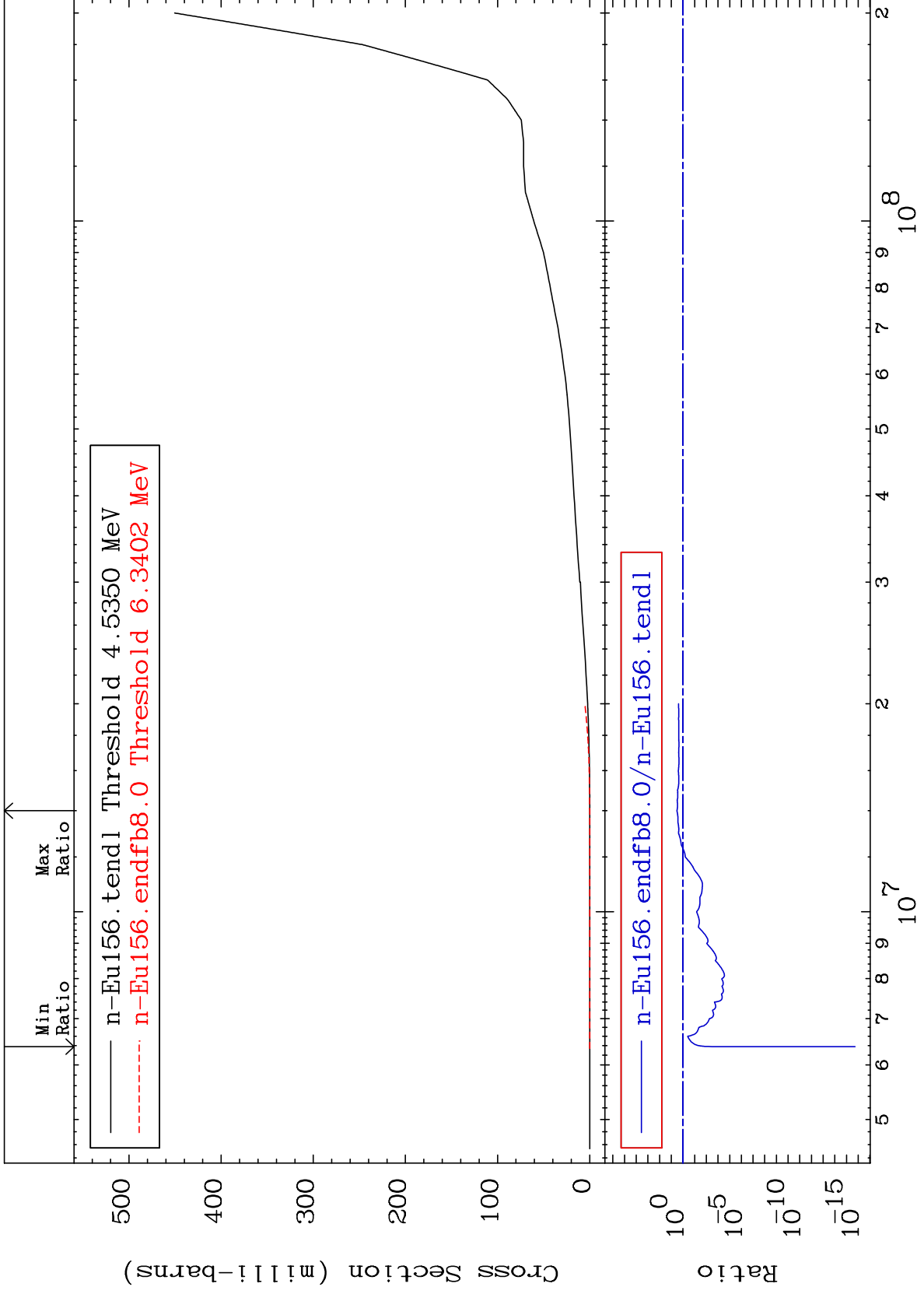
63-Eu-156
-100.0 To 158.3 %



MAT 6340

Tritium Production
Cross Section

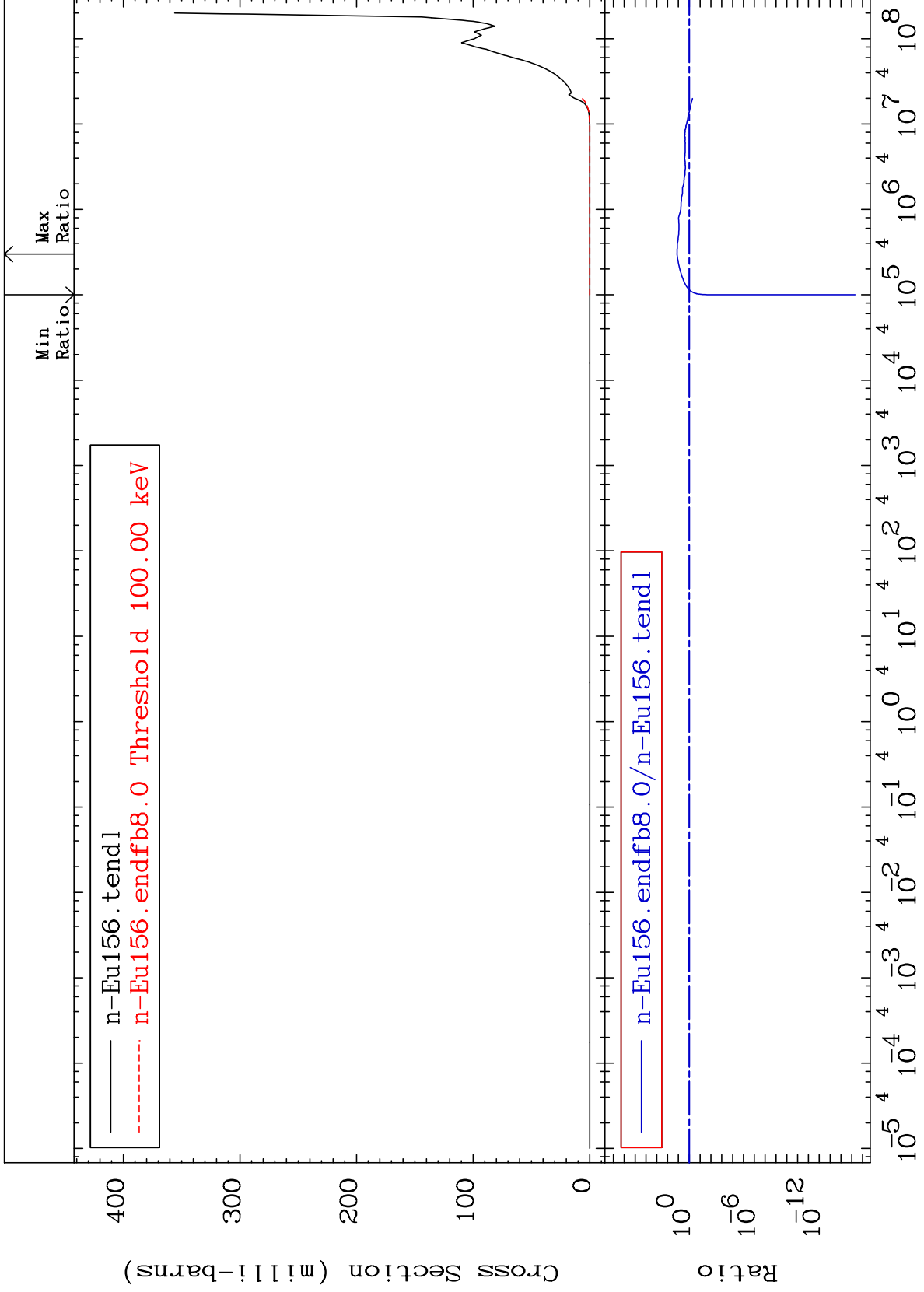
63-Eu-156
-100.0 To 228.2 %



MAT 6340

He-4 Production
Cross Section

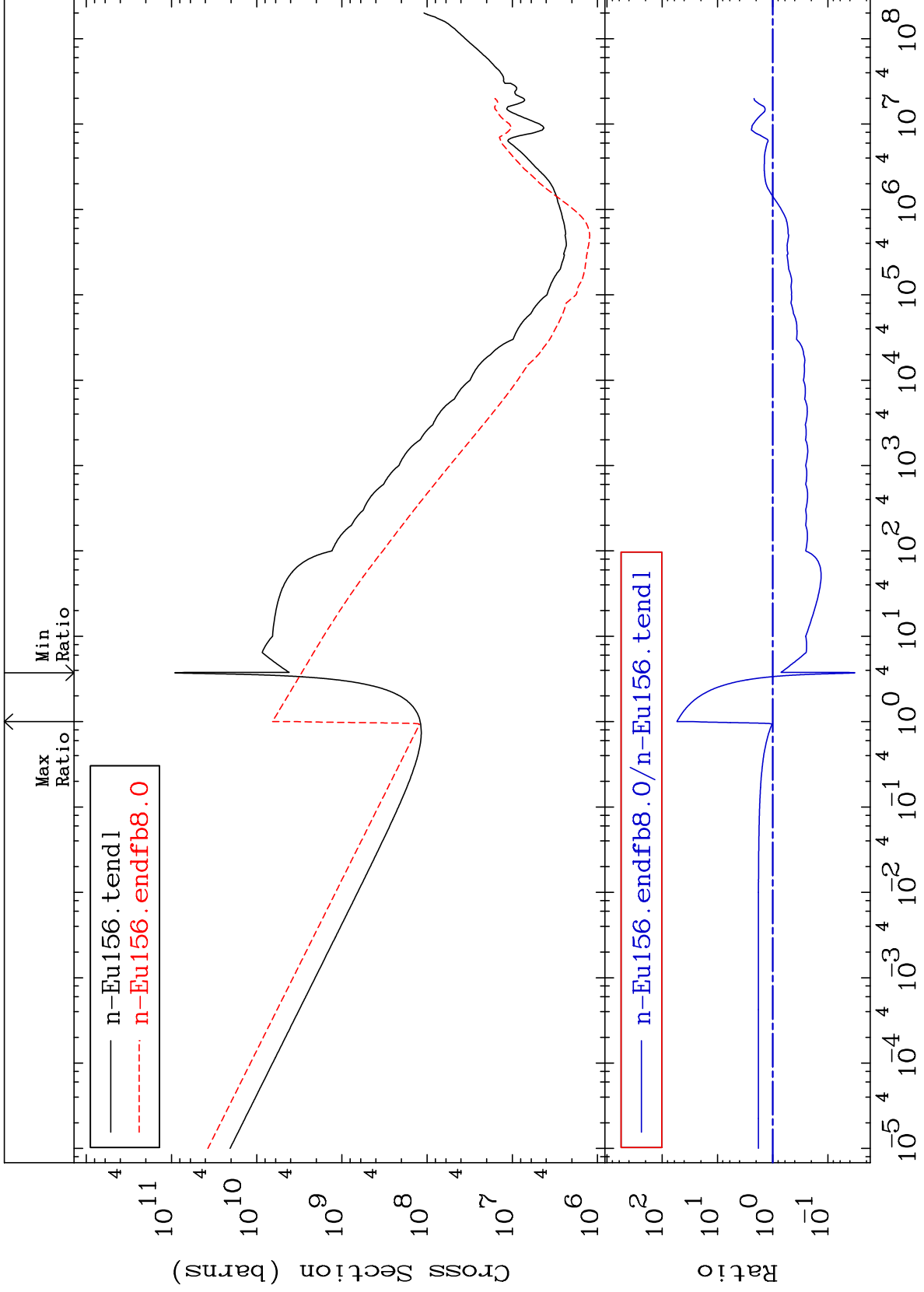
63-Eu-156
-100.0 To 1278. %



MAT 6340

Kerma total (eV-barns)
Cross Section

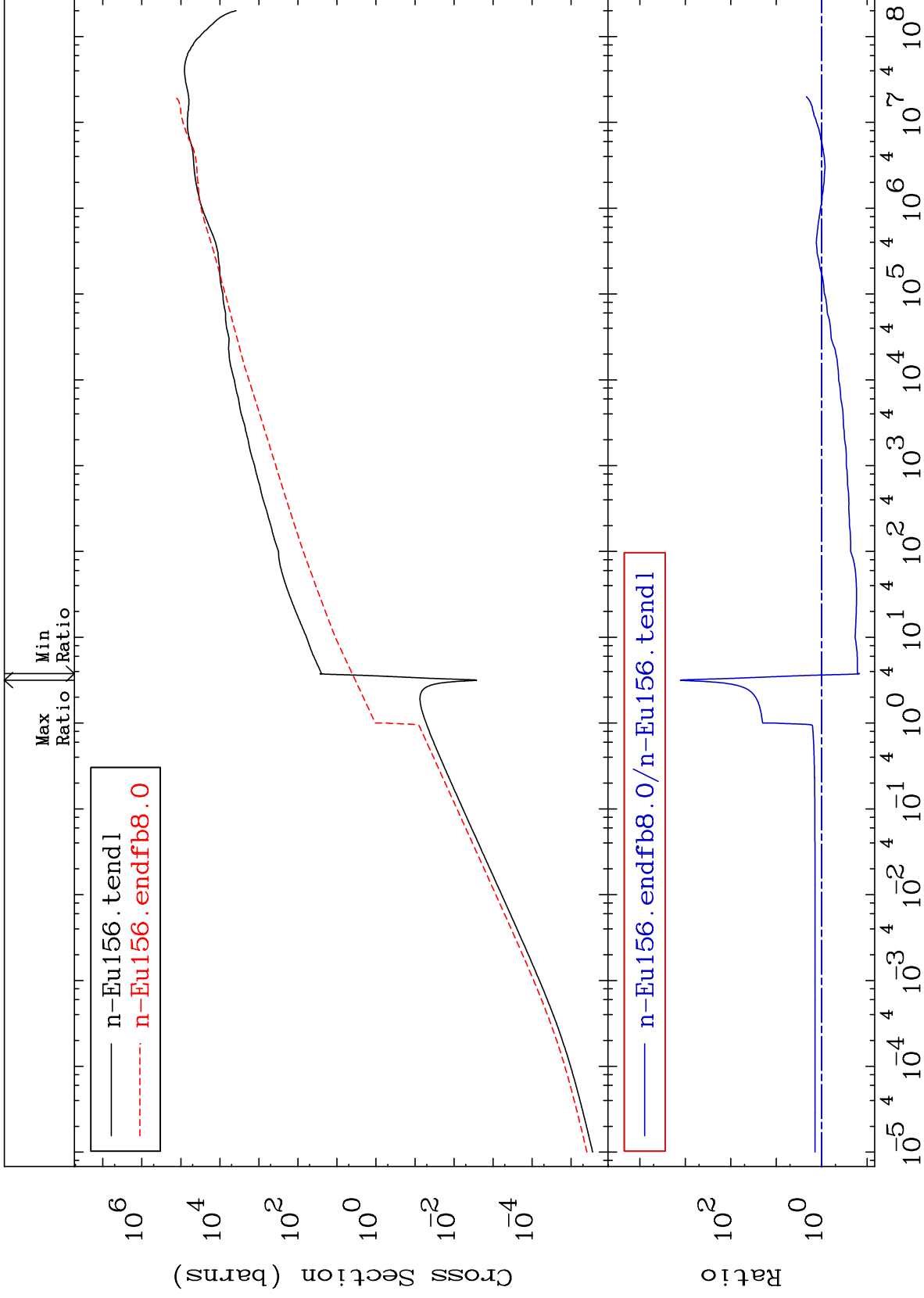
63-Eu-156
-96.77 To 5320. %



MAT 6340

Kerma elastic
Cross Section

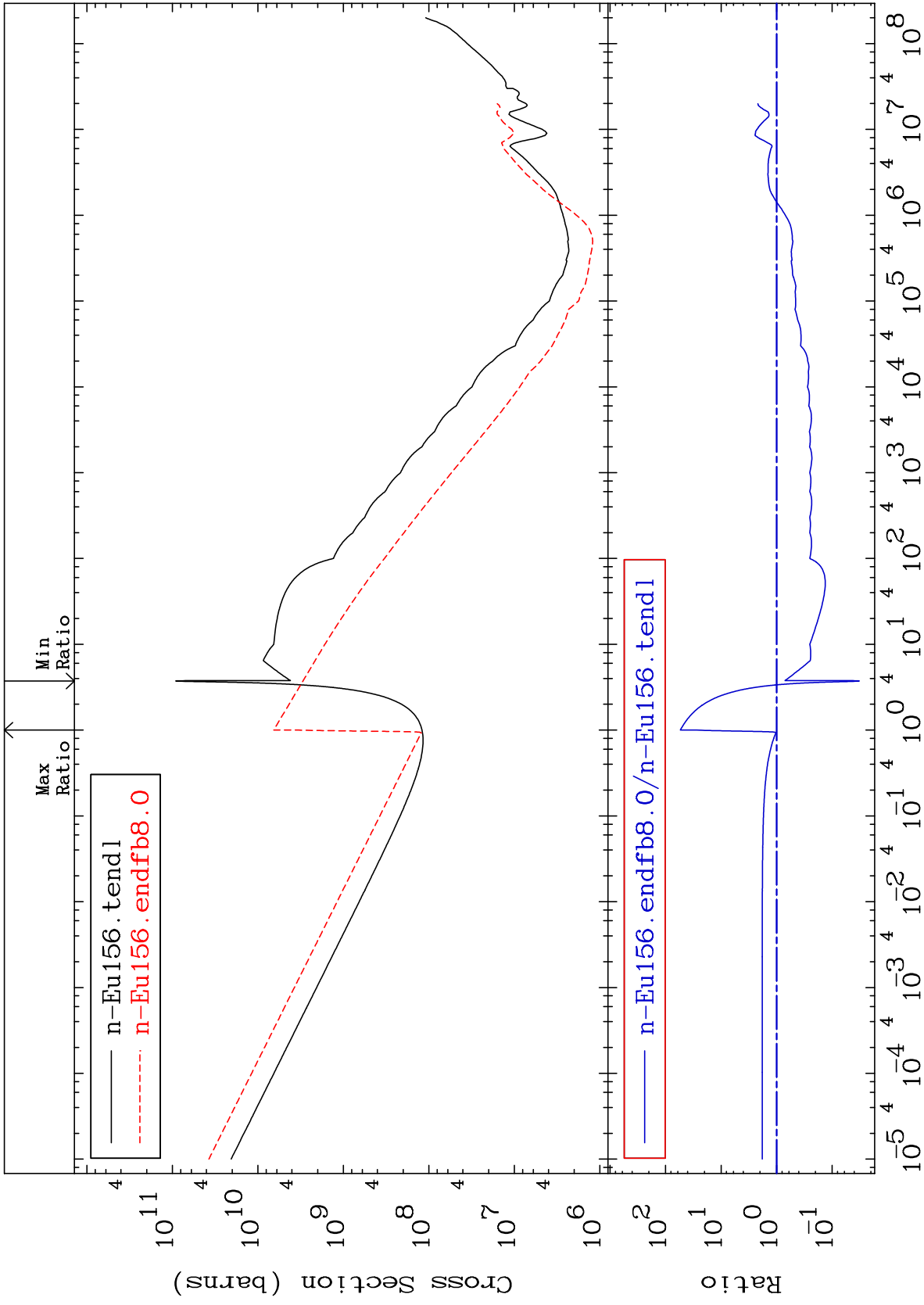
63-Eu-156
-85.19 To 9999. %

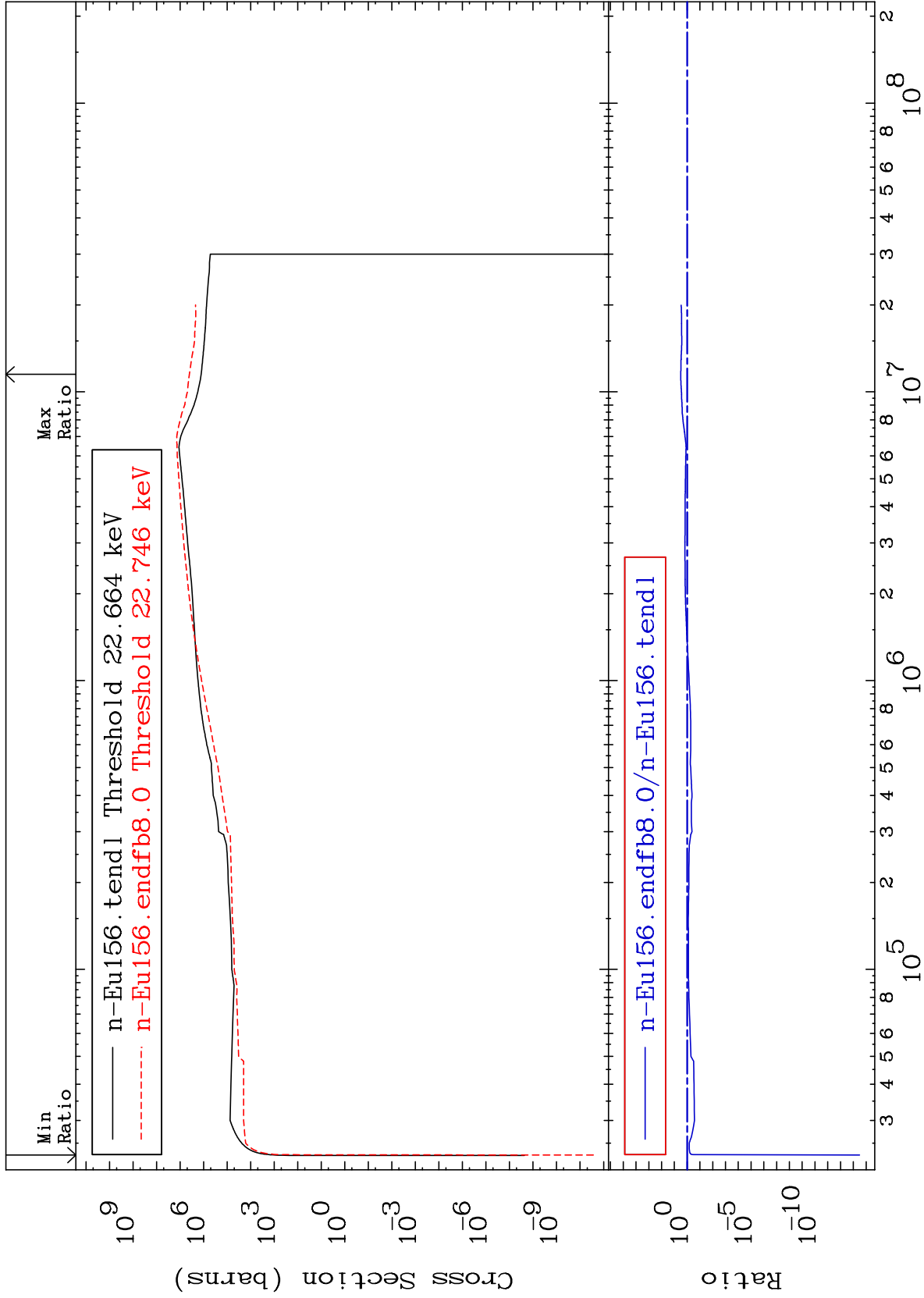


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Incident Energy (eV)

63-Eu-156

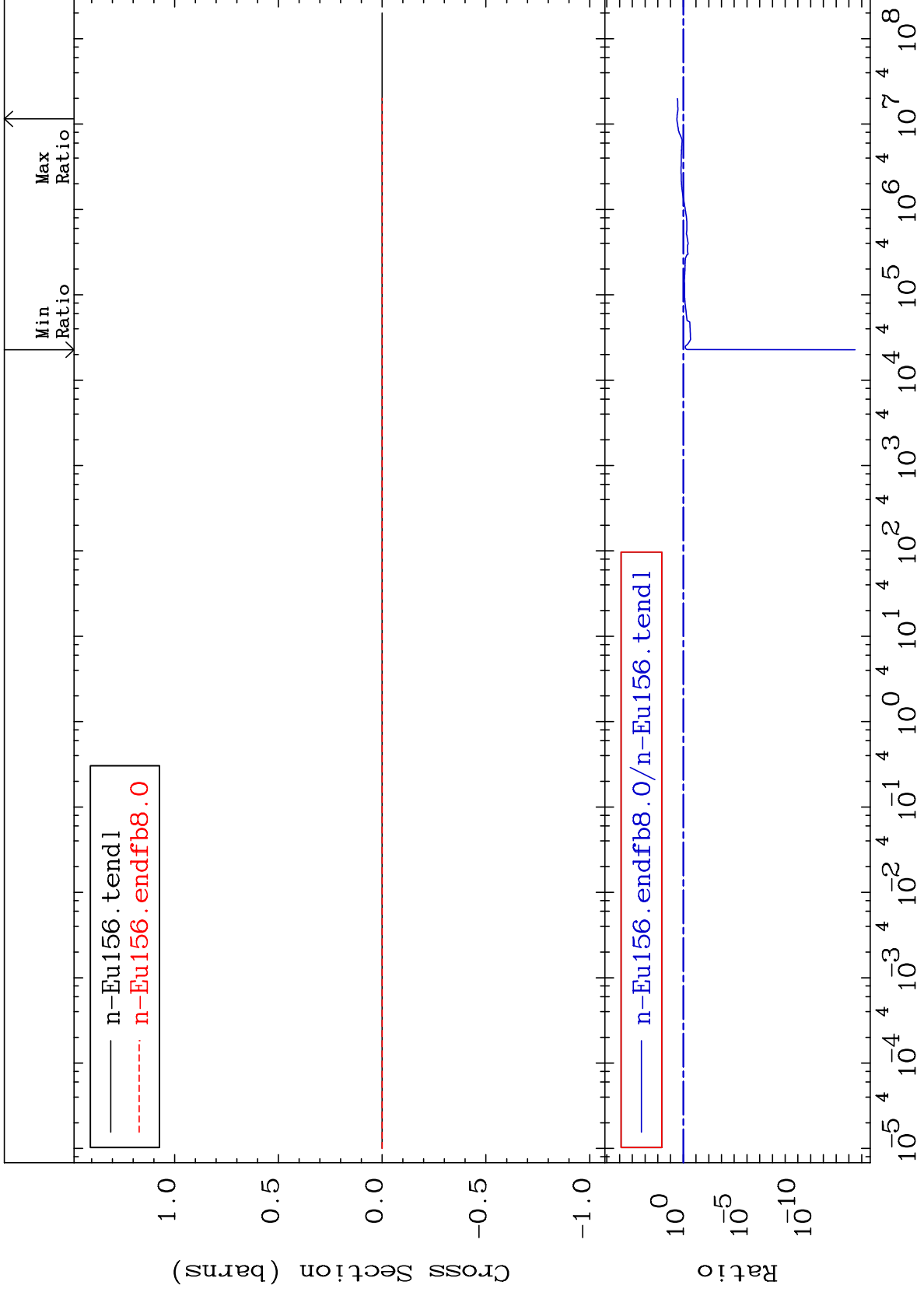




MAT 6340

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

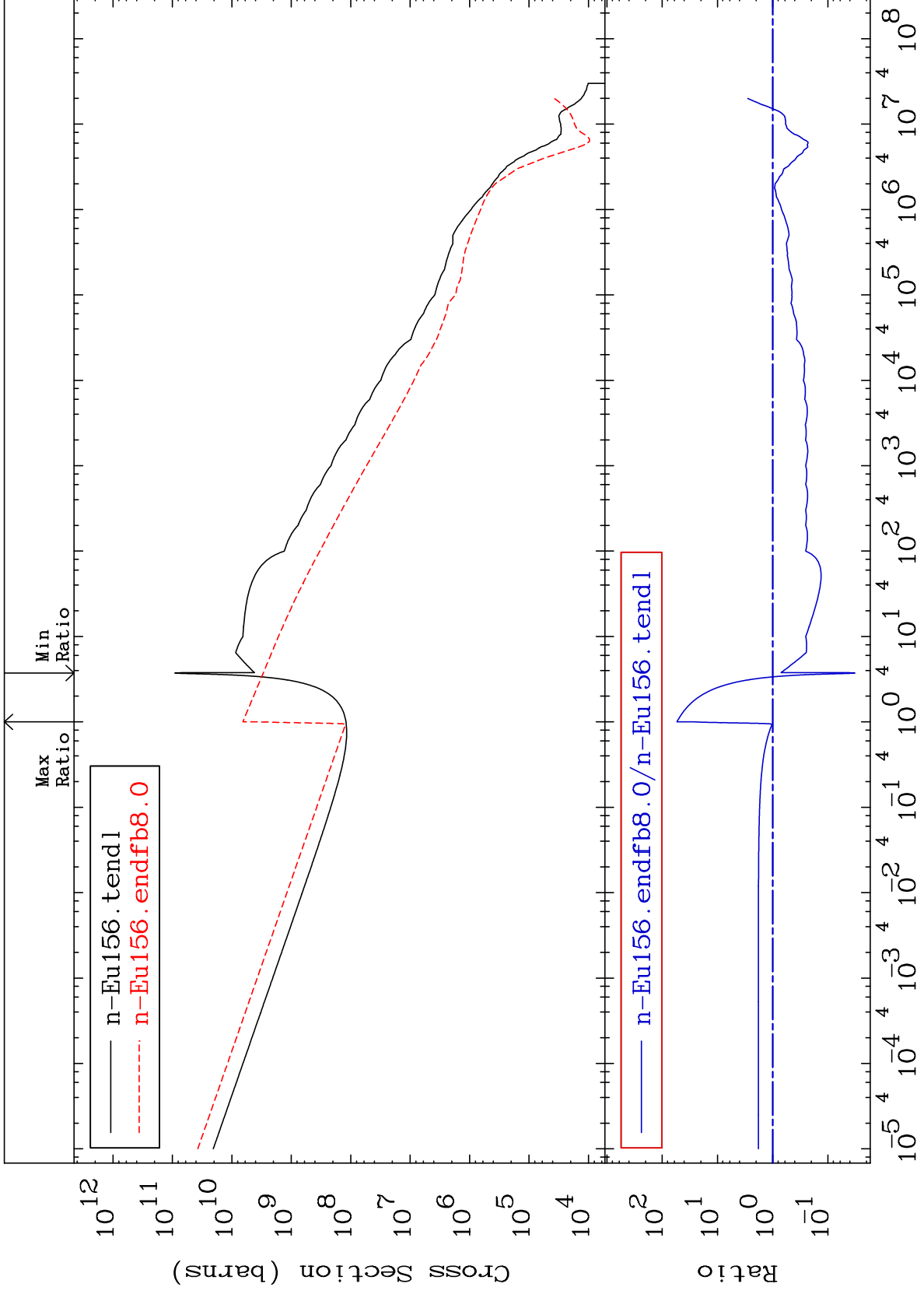
63-Eu-156
-100.0 To 214.0 %



MAT 6340

Kerma capture (mt102)
Cross Section

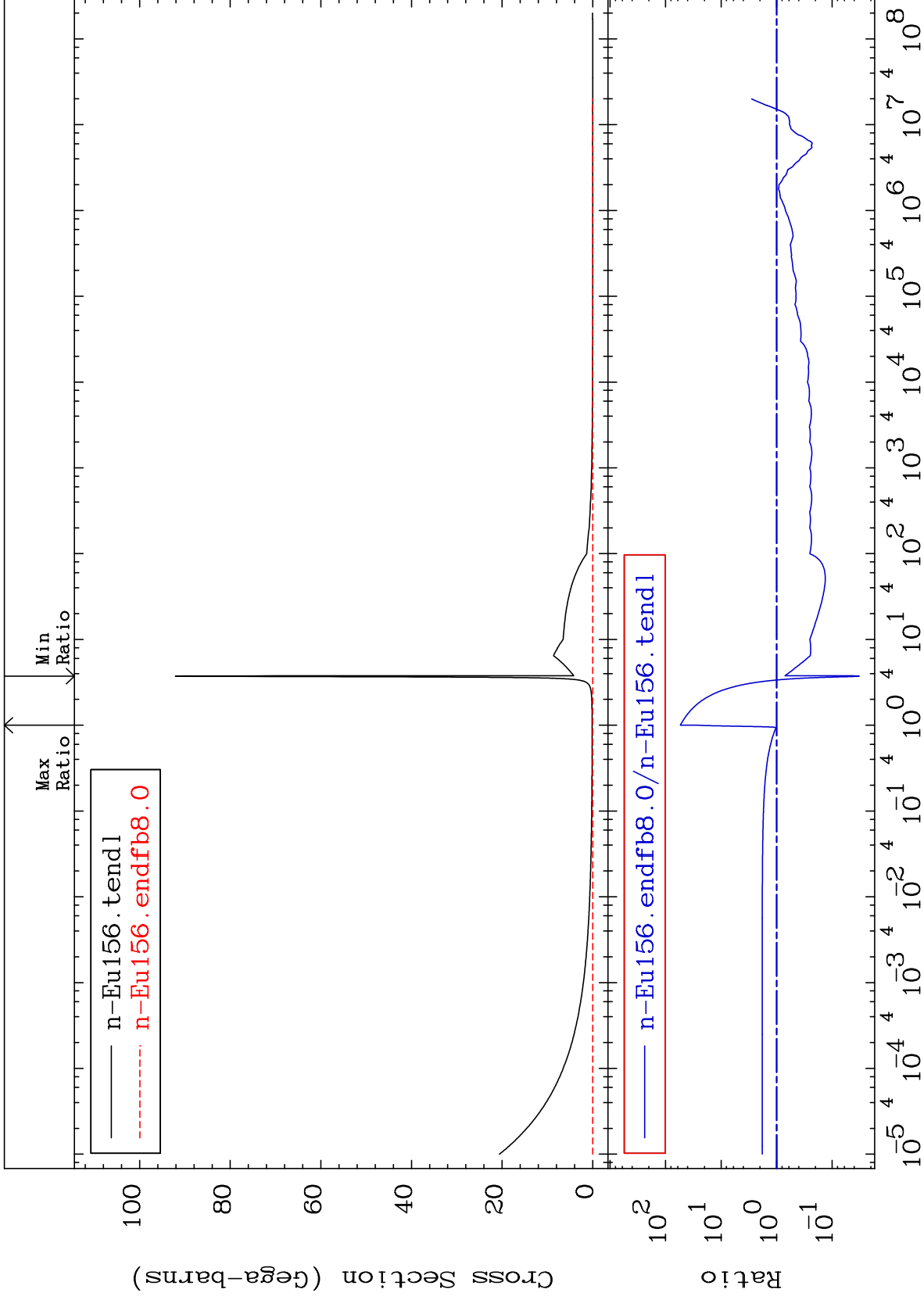
63-Eu-156
-96.77 To 5320. %



30

Incident Energy (eV)

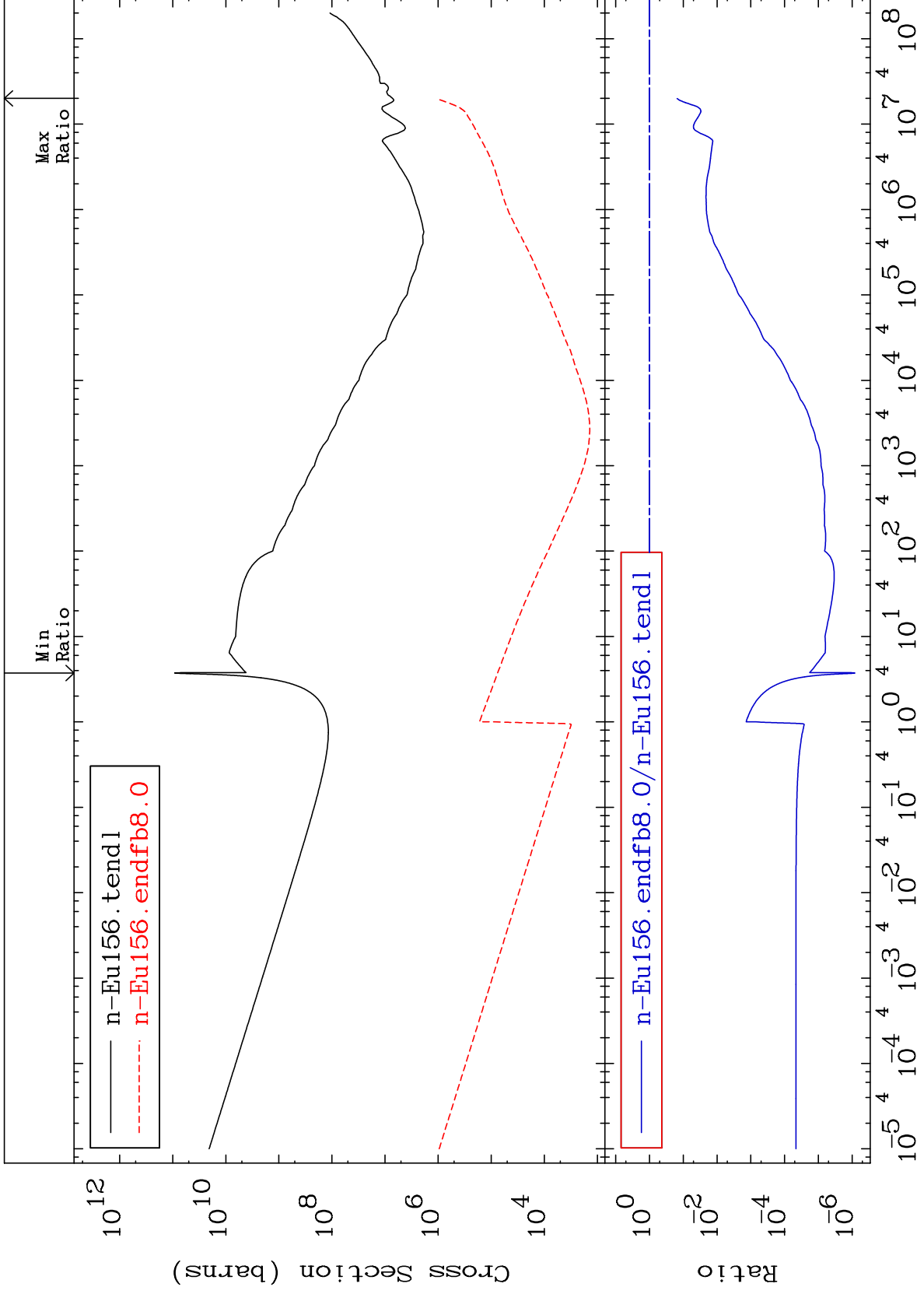
63-Eu-156



MAT 6340

Total kinematic kerma (high limit)
Cross Section

63-Eu-156
-100.0 To -84.63%



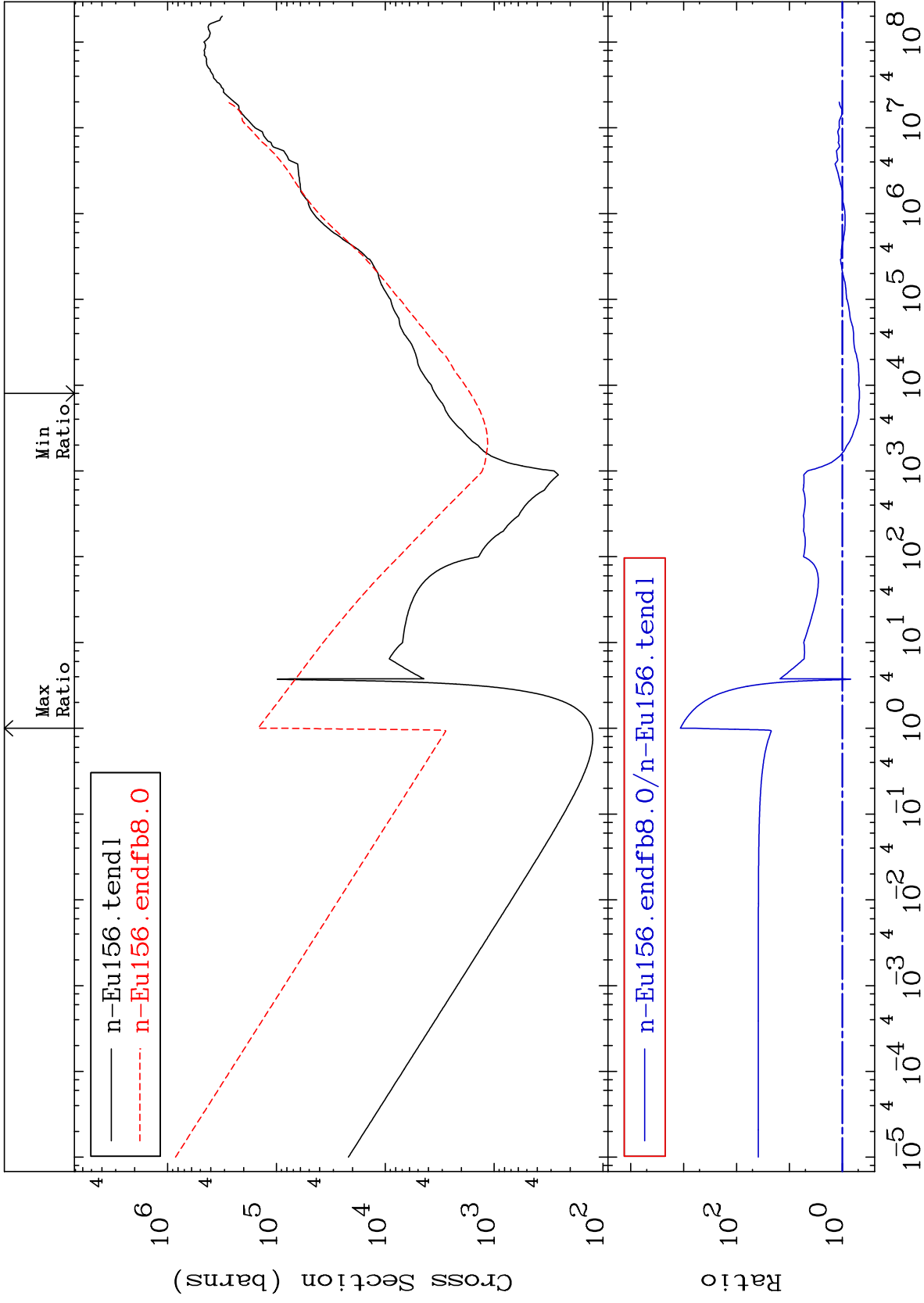
MAT 6340

Dpa total (eV-barns)

63-Eu-156

-52.54 To 9999. %

Cross Section



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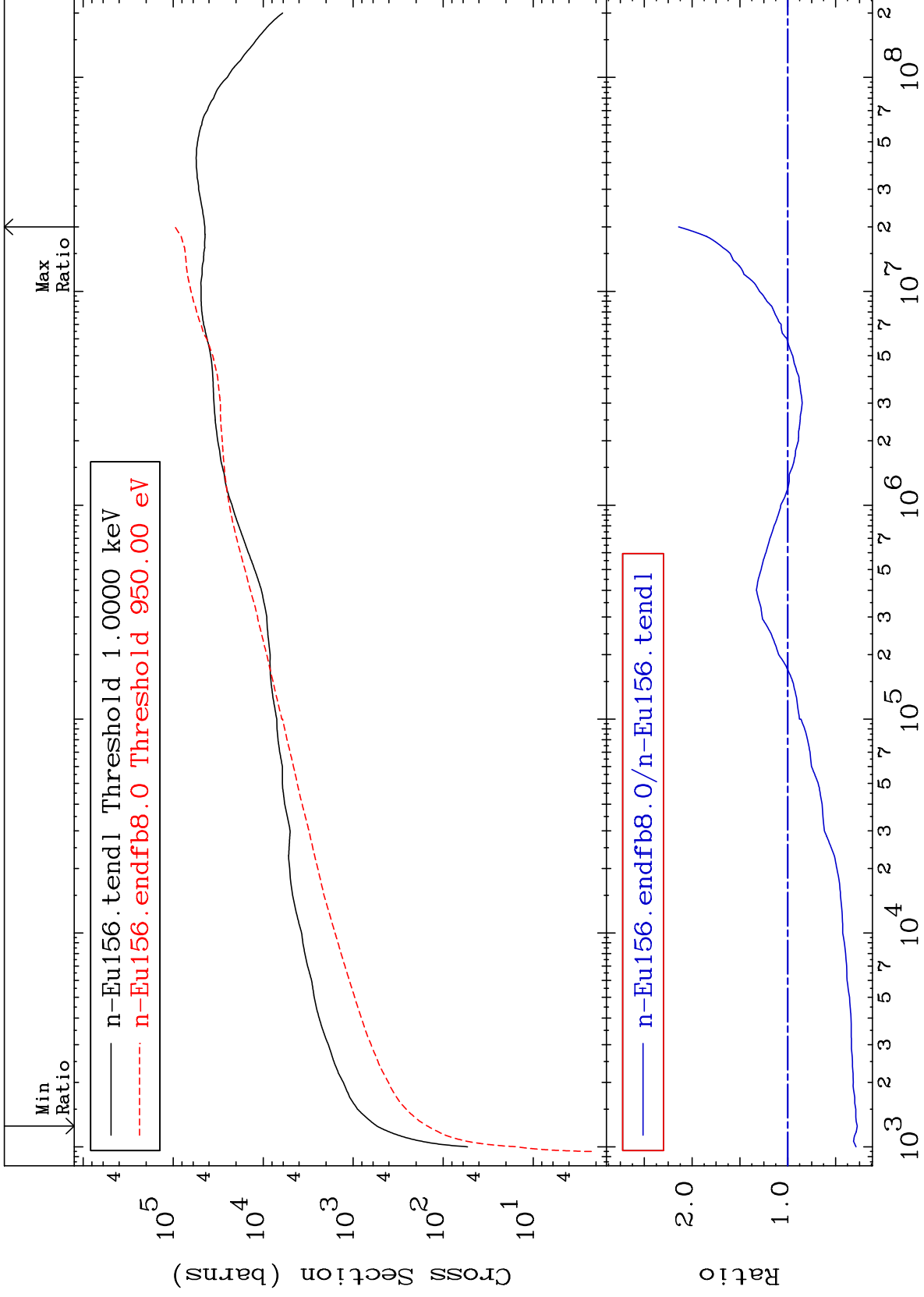
Incident Energy (eV)

63-Eu-156

MAT 6340

Dpa elastic (mt2)
Cross Section

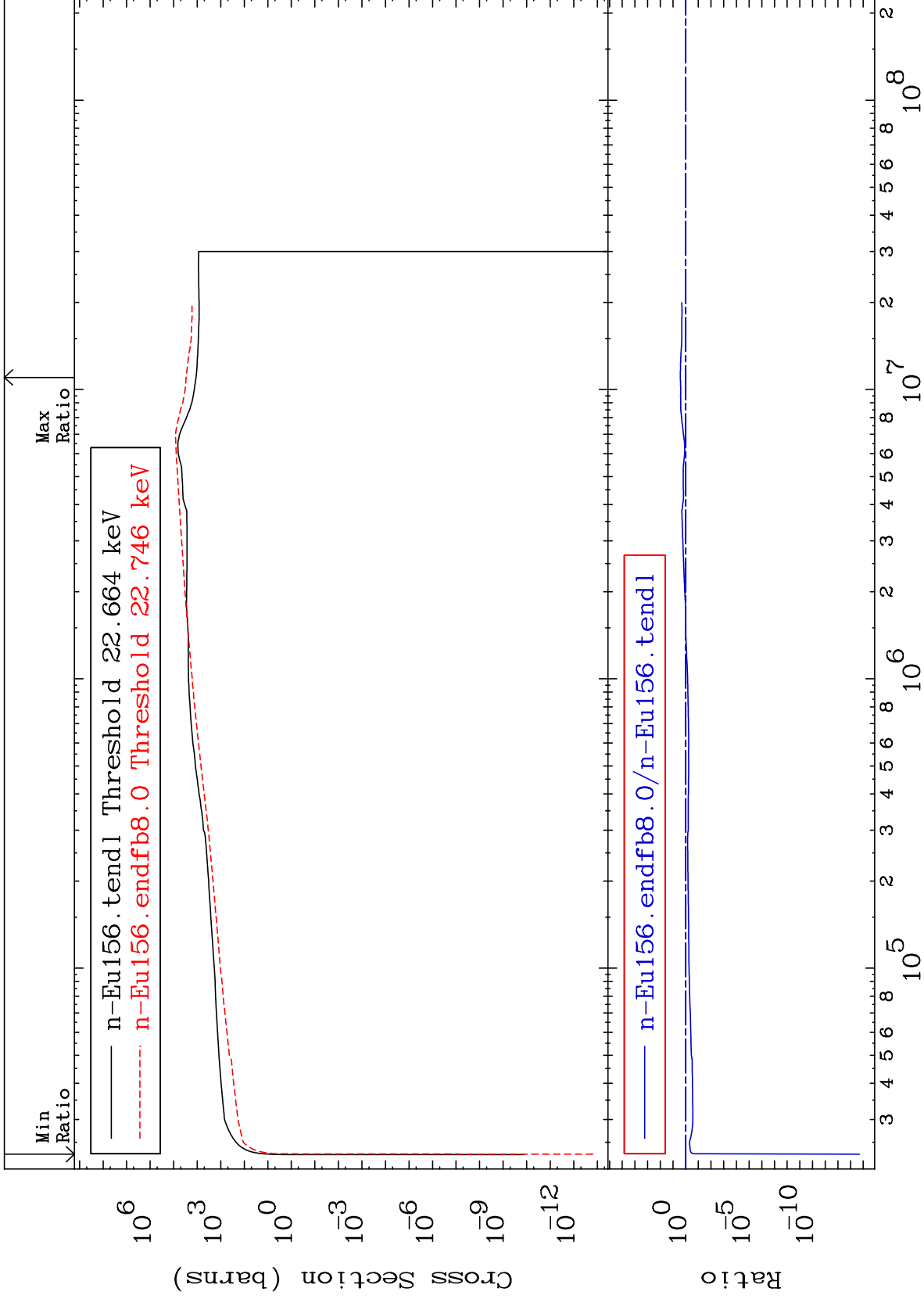
63-Eu-156
-72.67 To 114.1 %



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Incident Energy (eV)

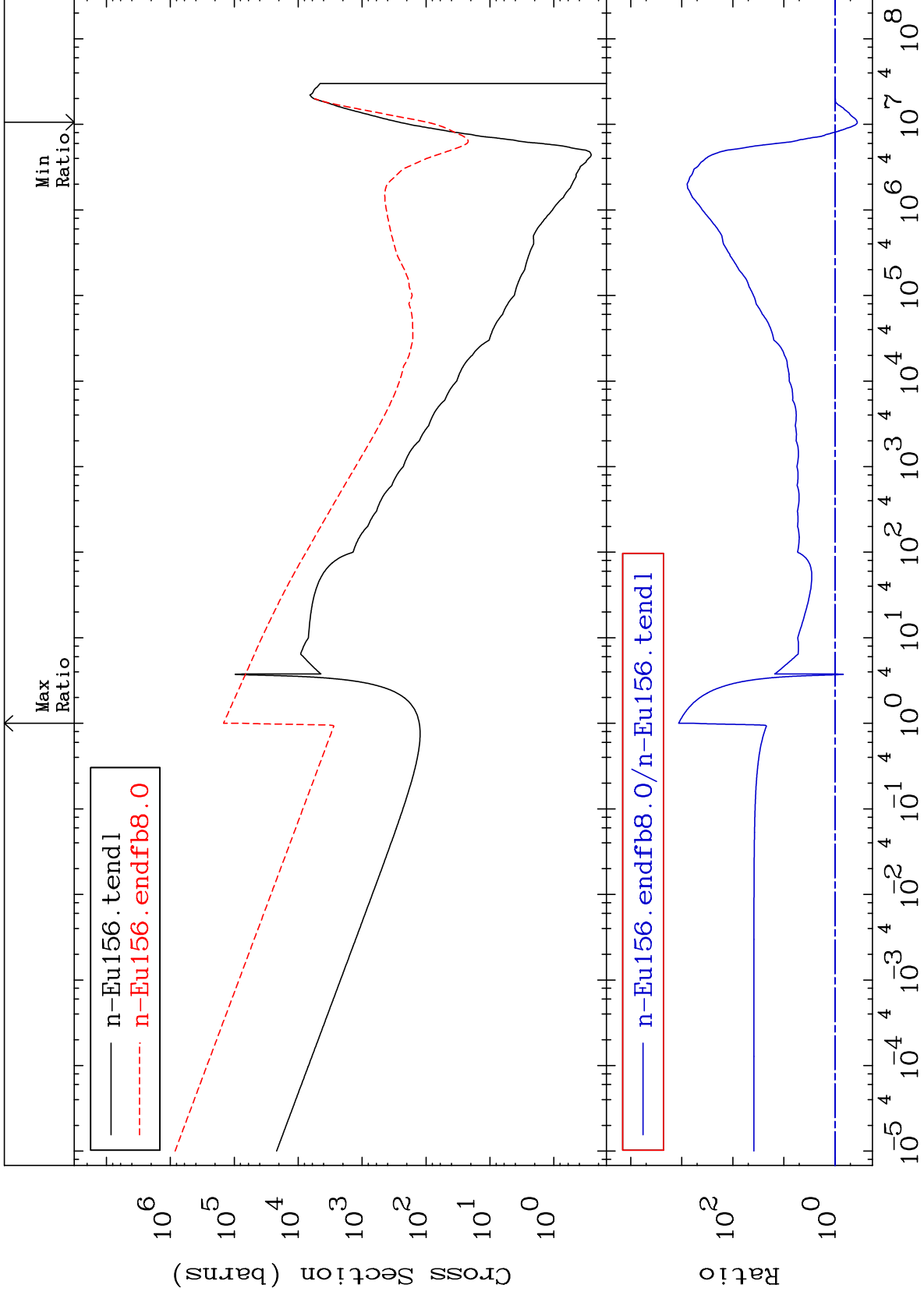
63-Eu-156



MAT 6340

Dpa disappearance (mt102 -120)
Cross Section

63-Eu-156
-63.40 To 9999. %



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Incident Energy (eV)

63-Eu-156