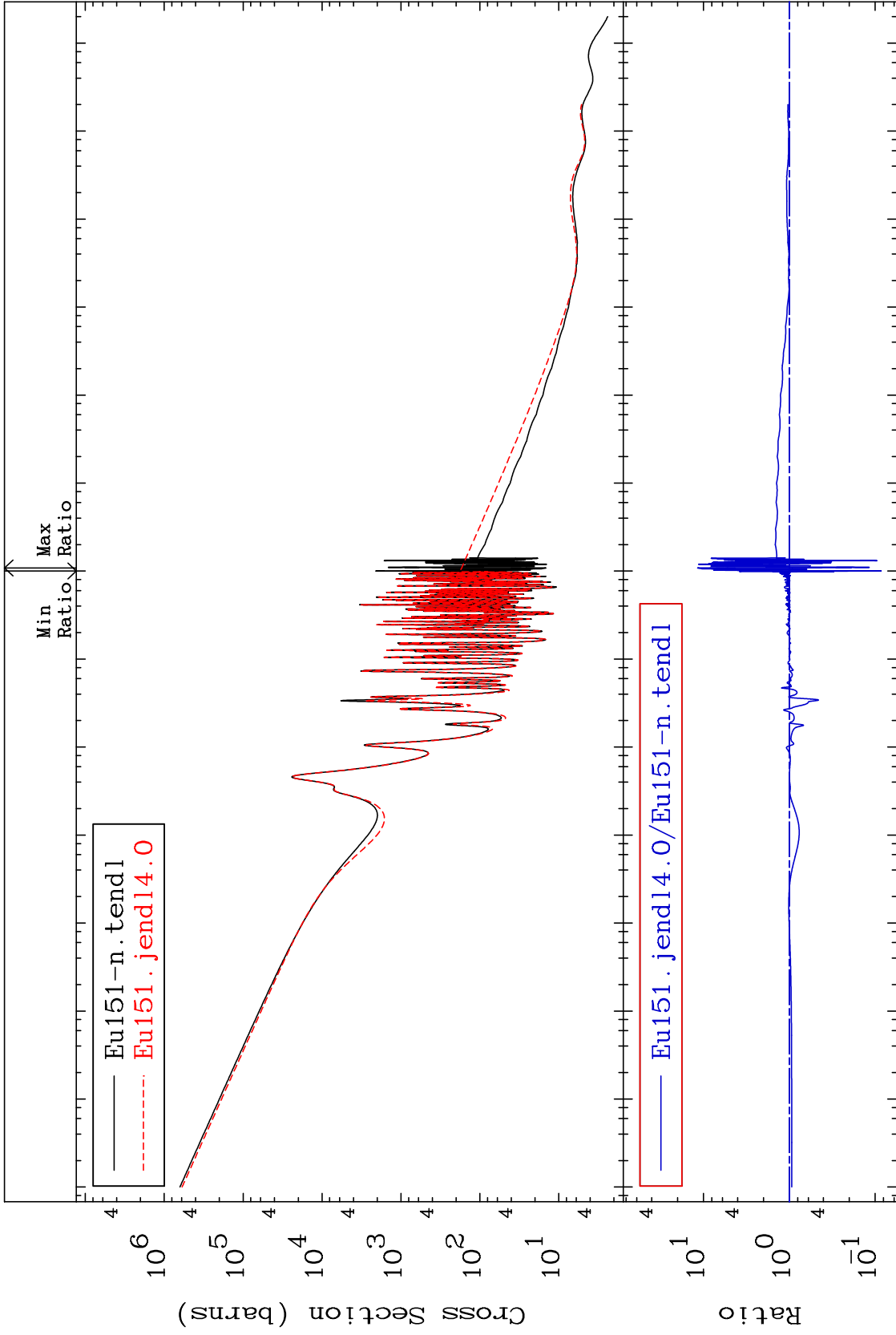


MAT 6325

Total Cross Section
63-Eu-151
-91.48 To 1074. %

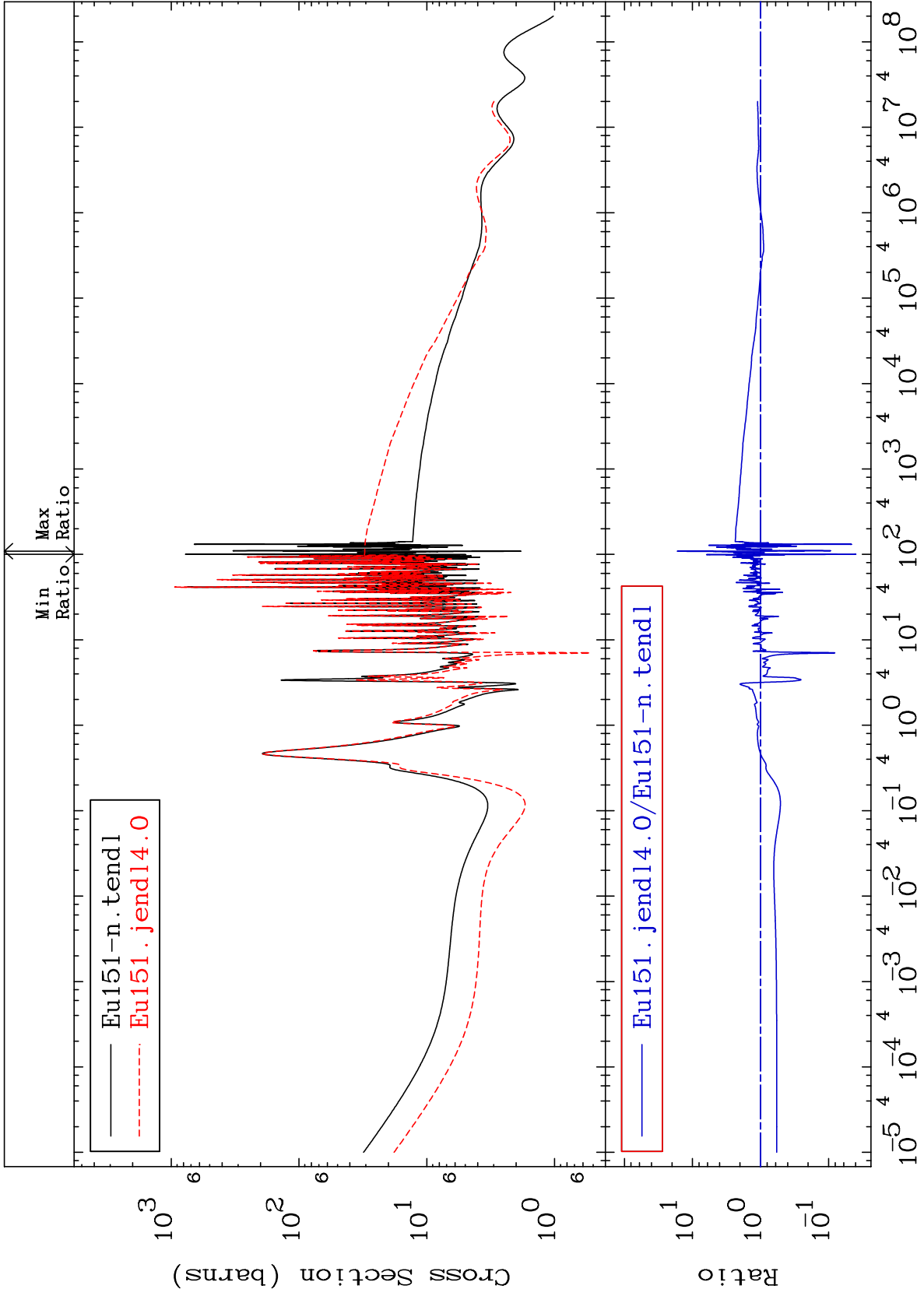


Incident Energy (eV) 63-Eu-151

MAT 6325

Elastic
Cross Section

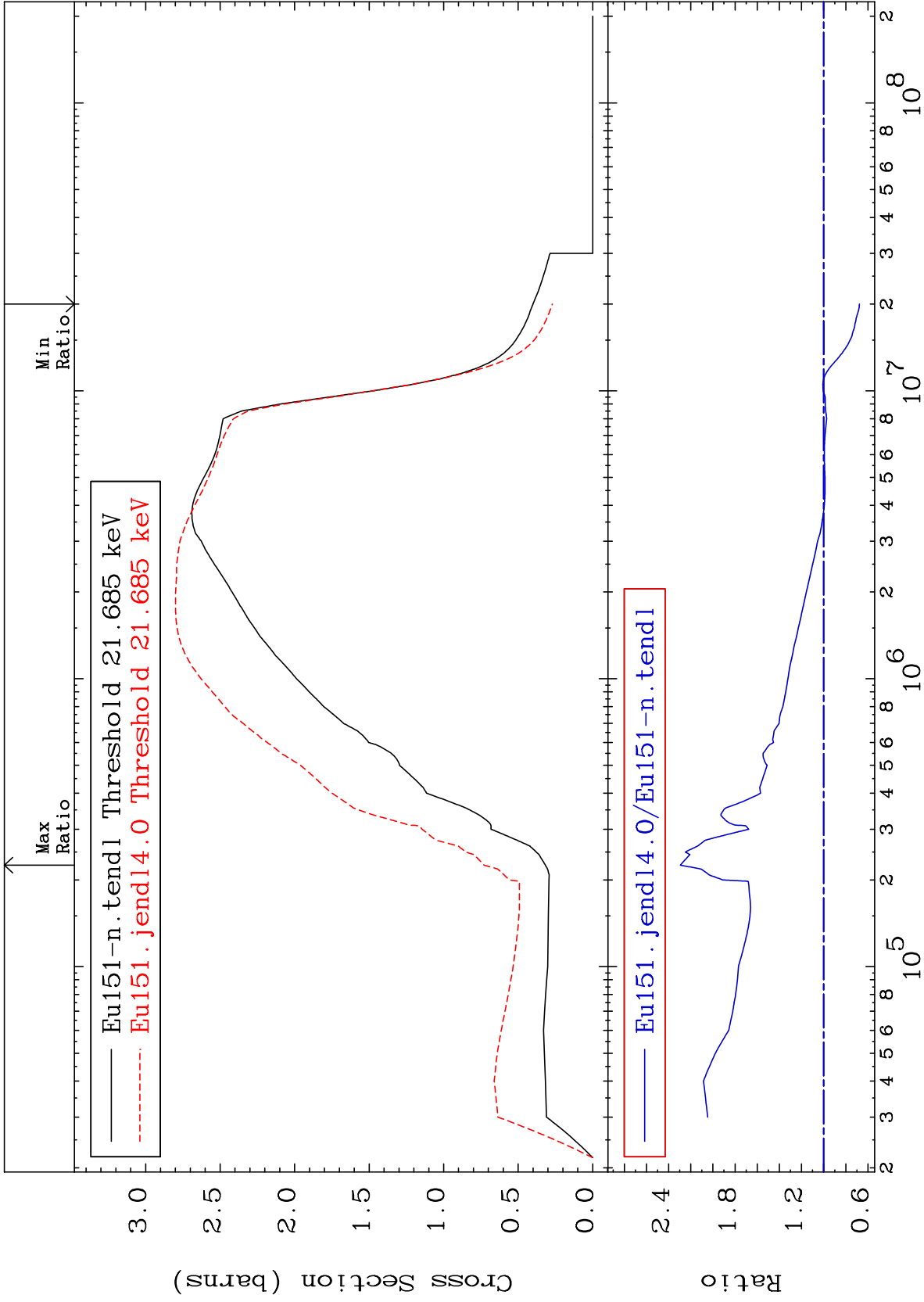
63-Eu-151
-96.02 To 1561. %

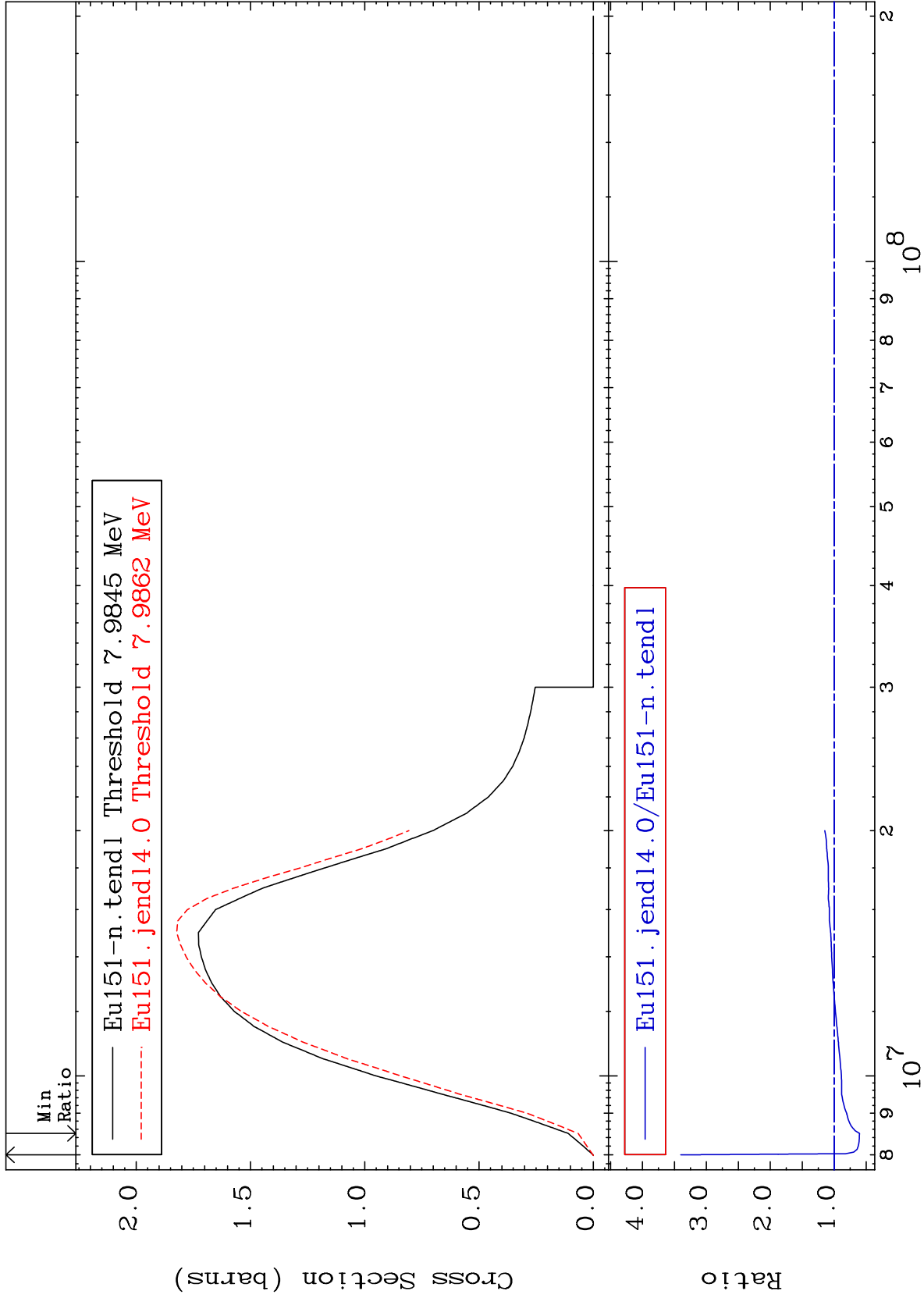


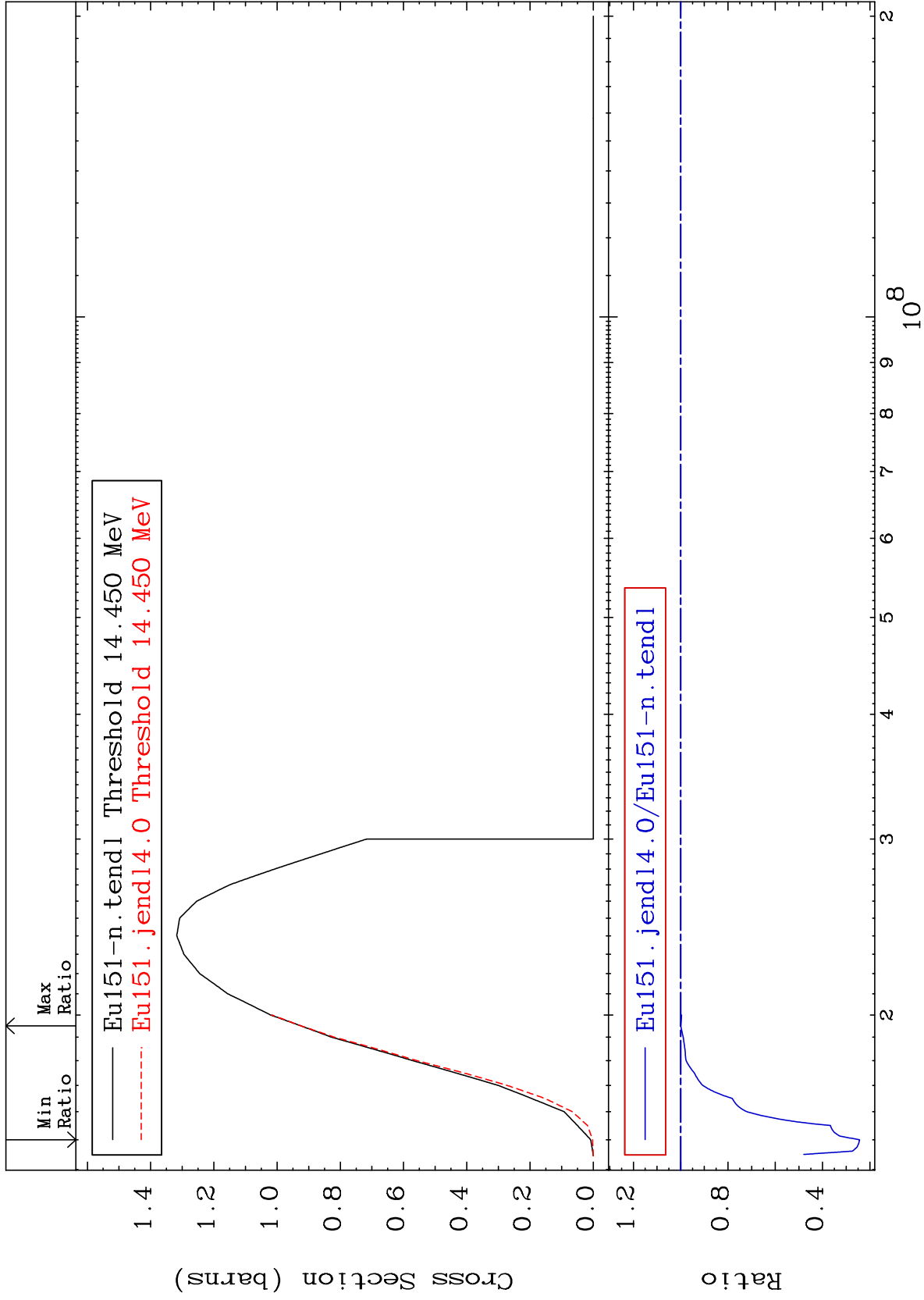
MAT 6325

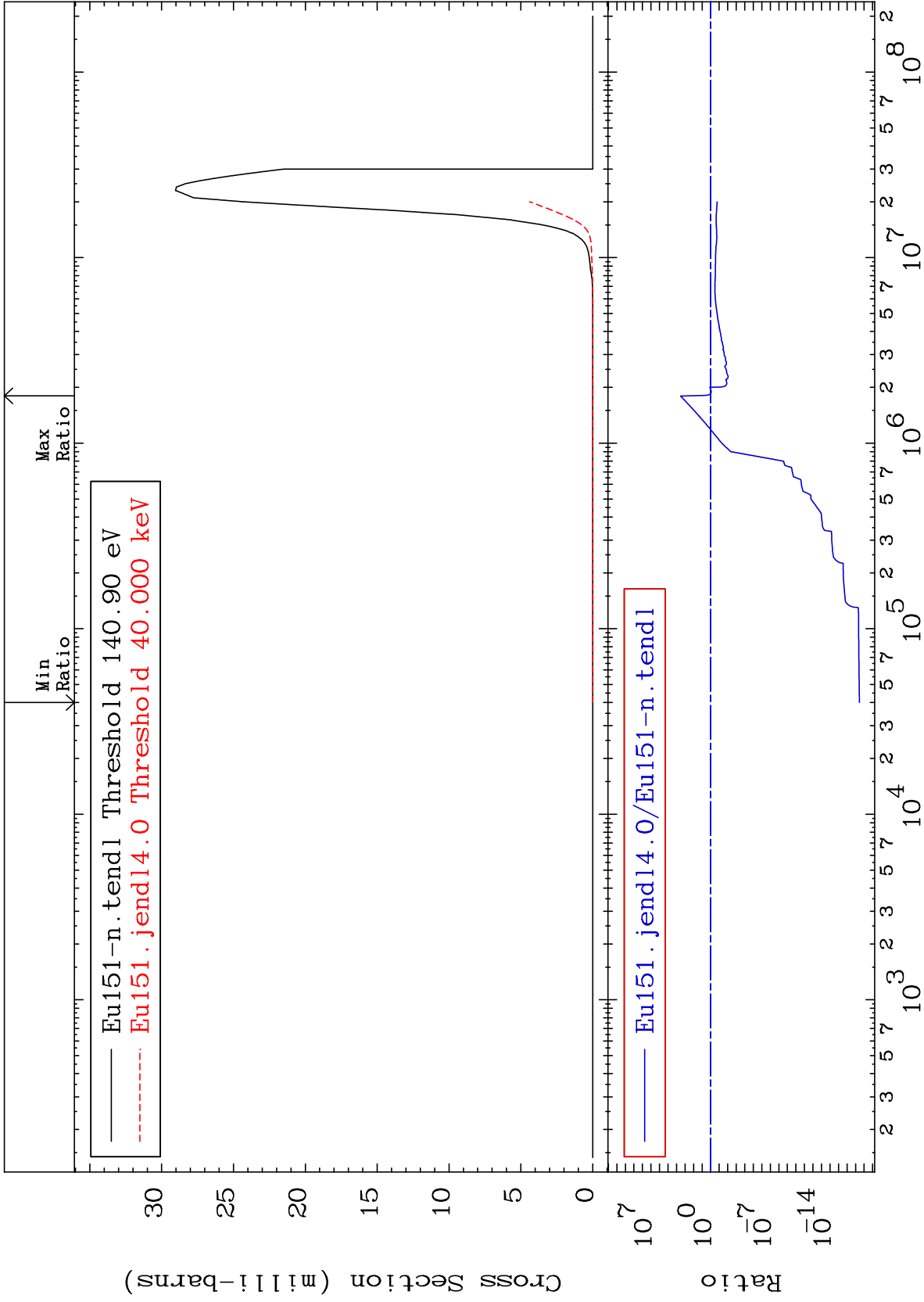
Inelastic
Cross Section

63-Eu-151
-32.31 To 129.4 %





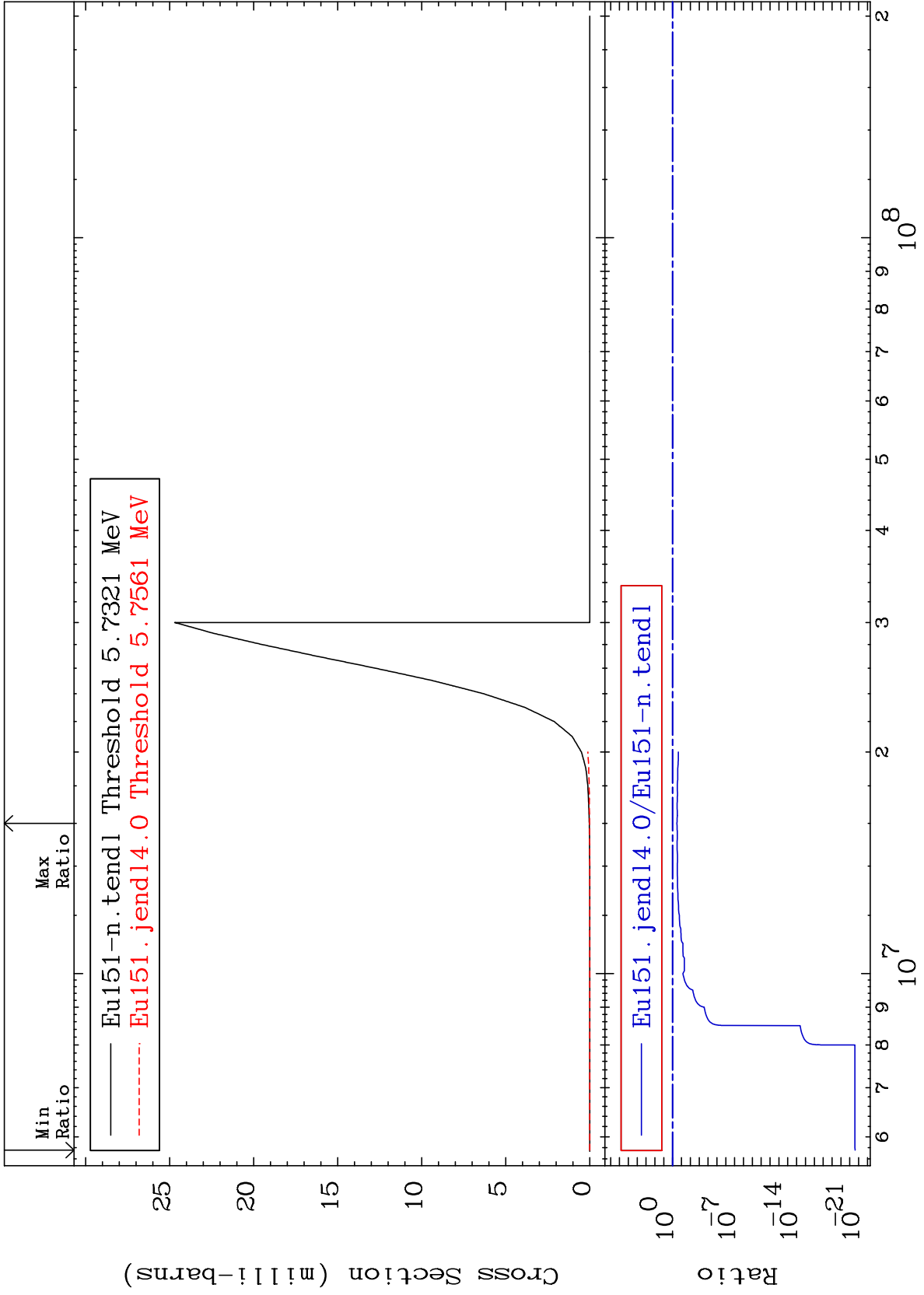




MAT 6325

(n,2n) α
Cross Section

63-Eu-151
-100.0 To -67.33%



7

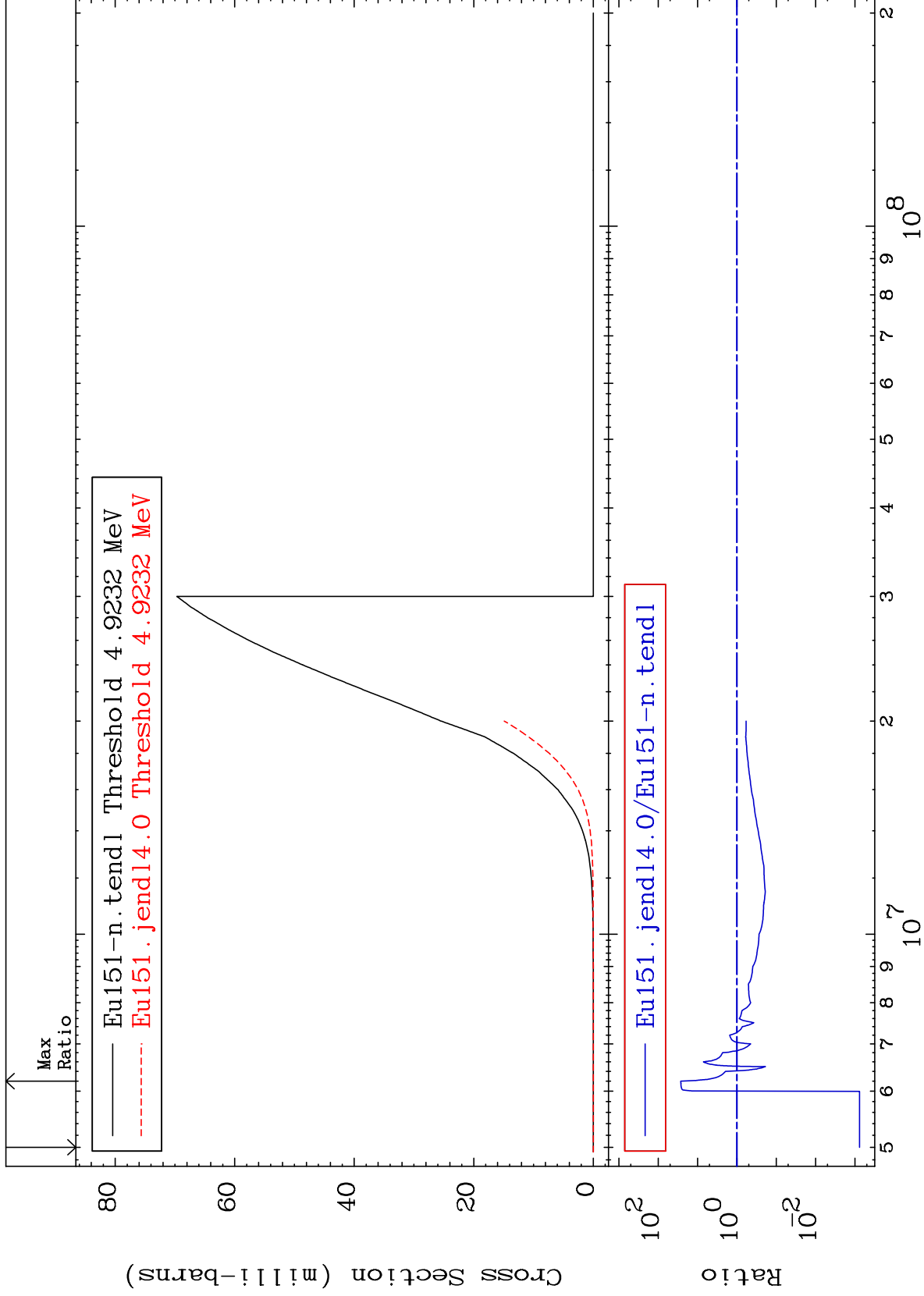
Incident Energy (eV)

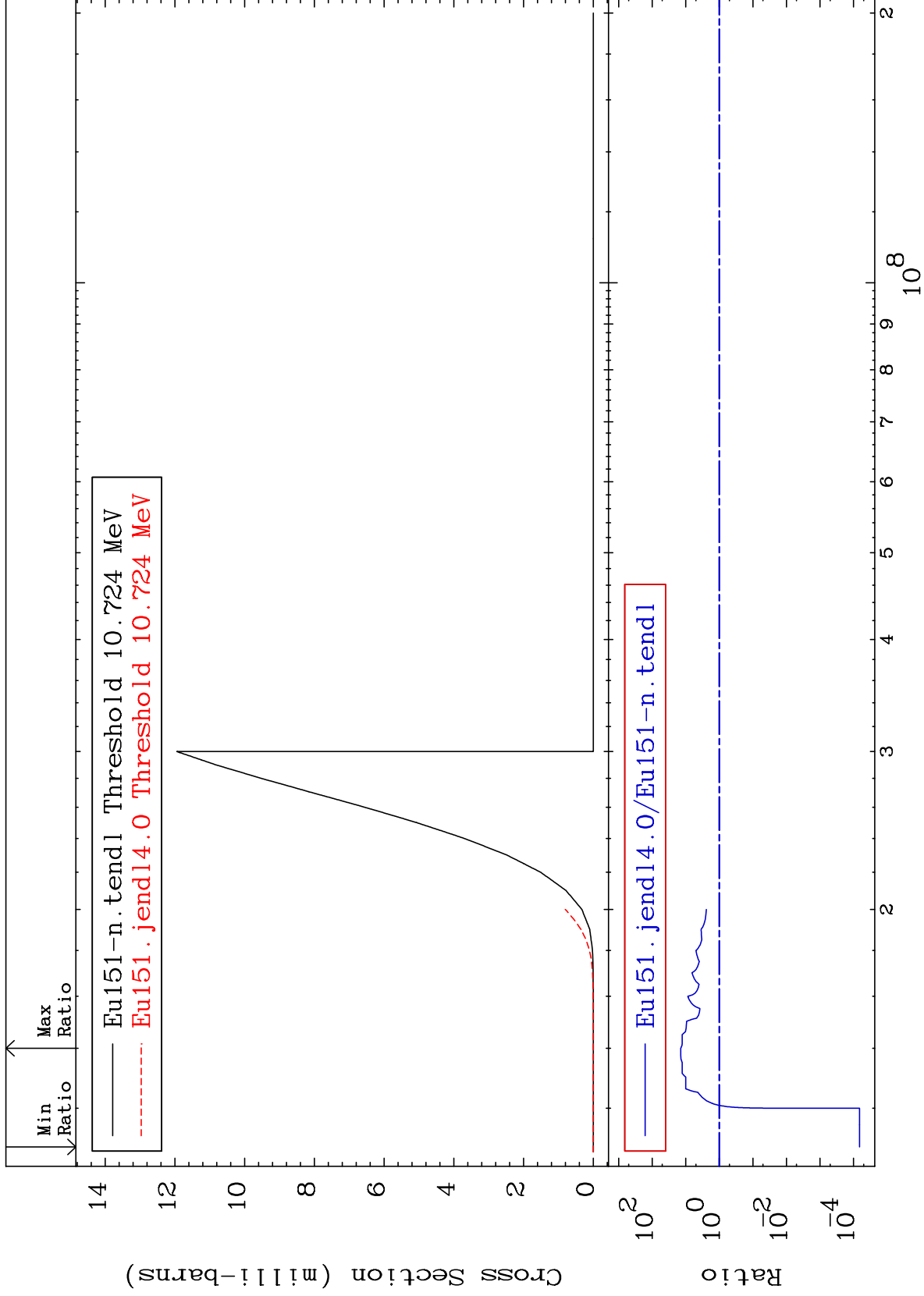
63-Eu-151

MAT 6325

(n, n') p
Cross Section

63-Eu-151
-99.92 To 2570. %





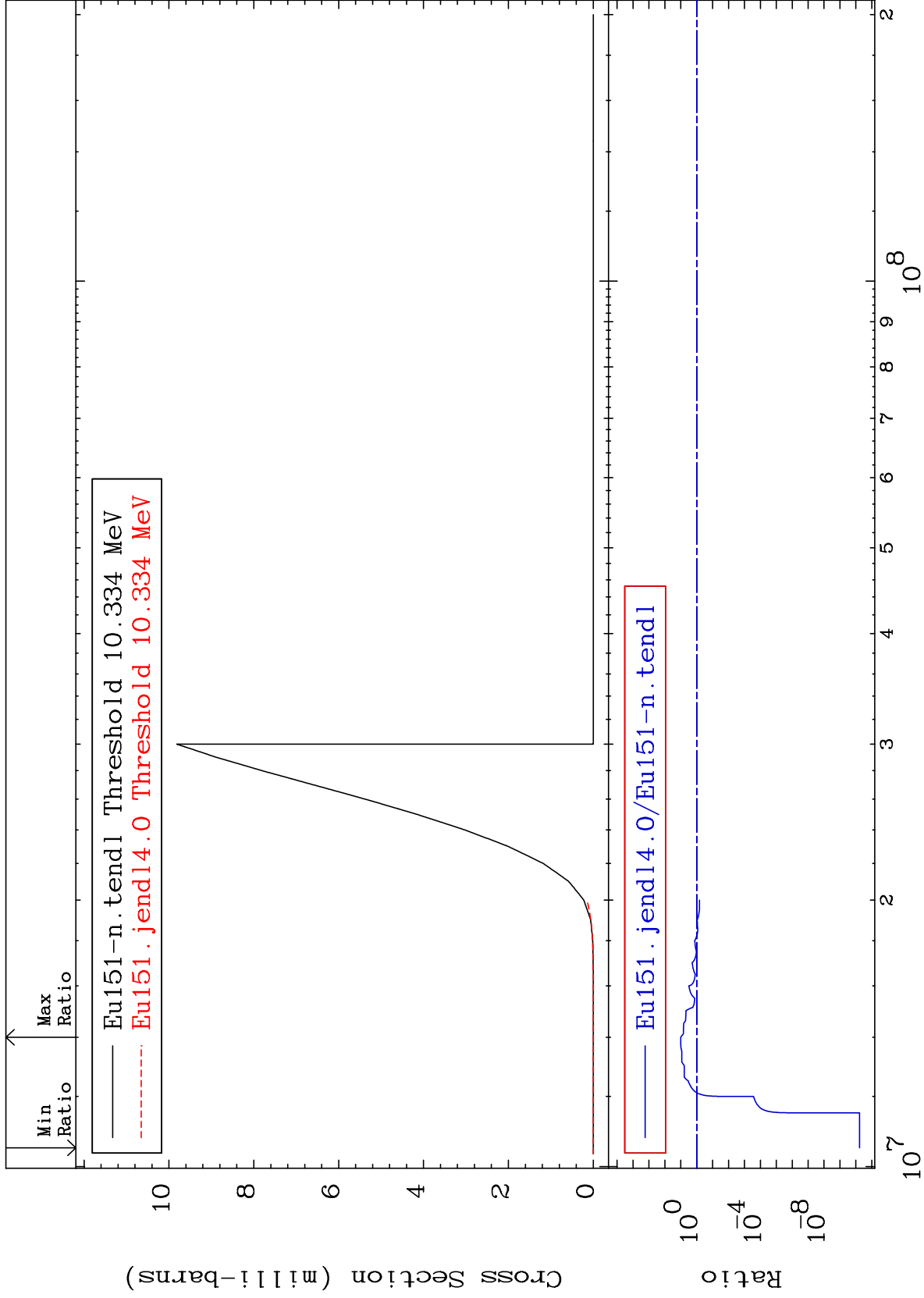
MAT 6325

(n,n') t

63-Eu-151

Cross Section

-100.0 To 900.5 %



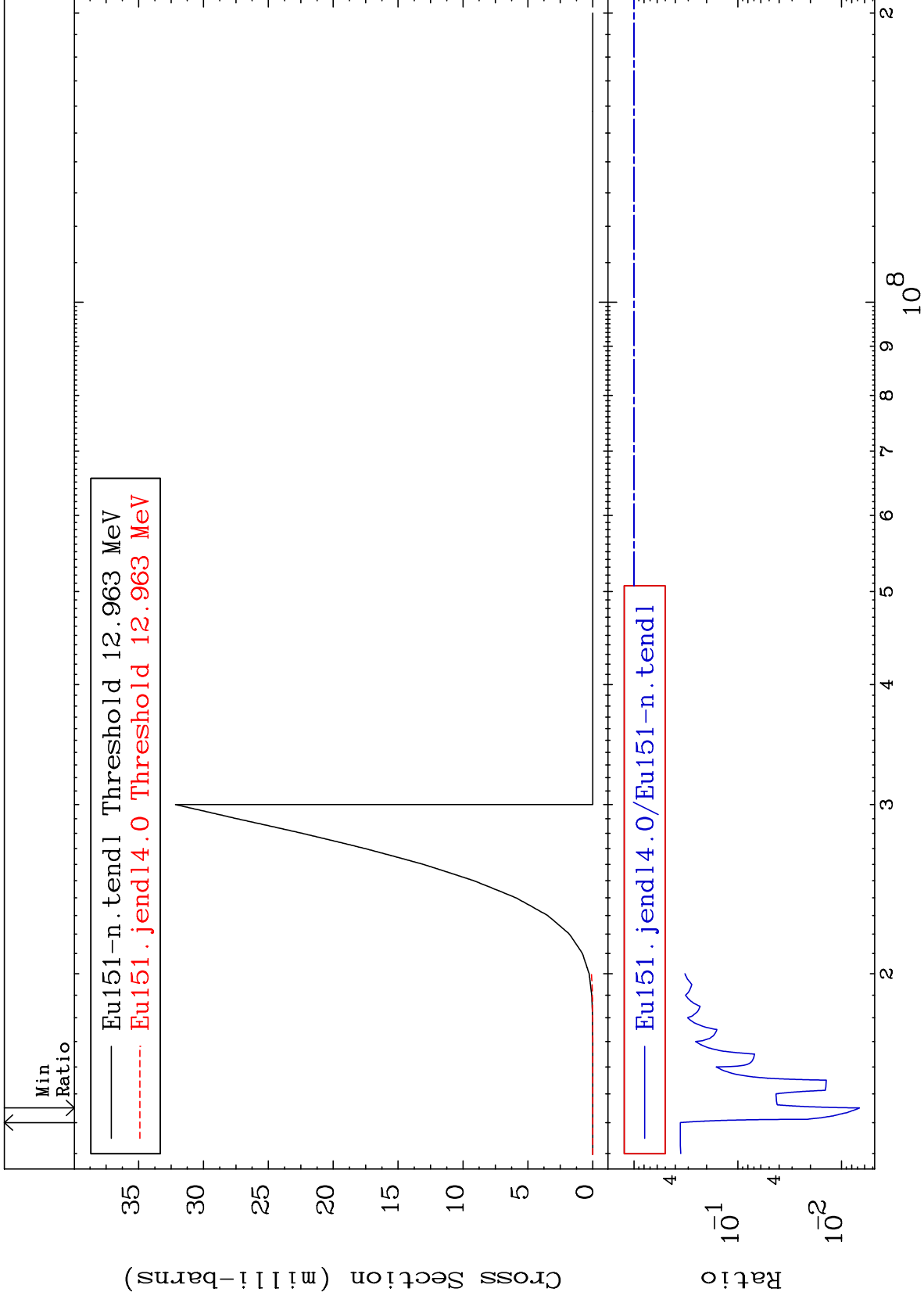
63-Eu-151

63-Eu-151

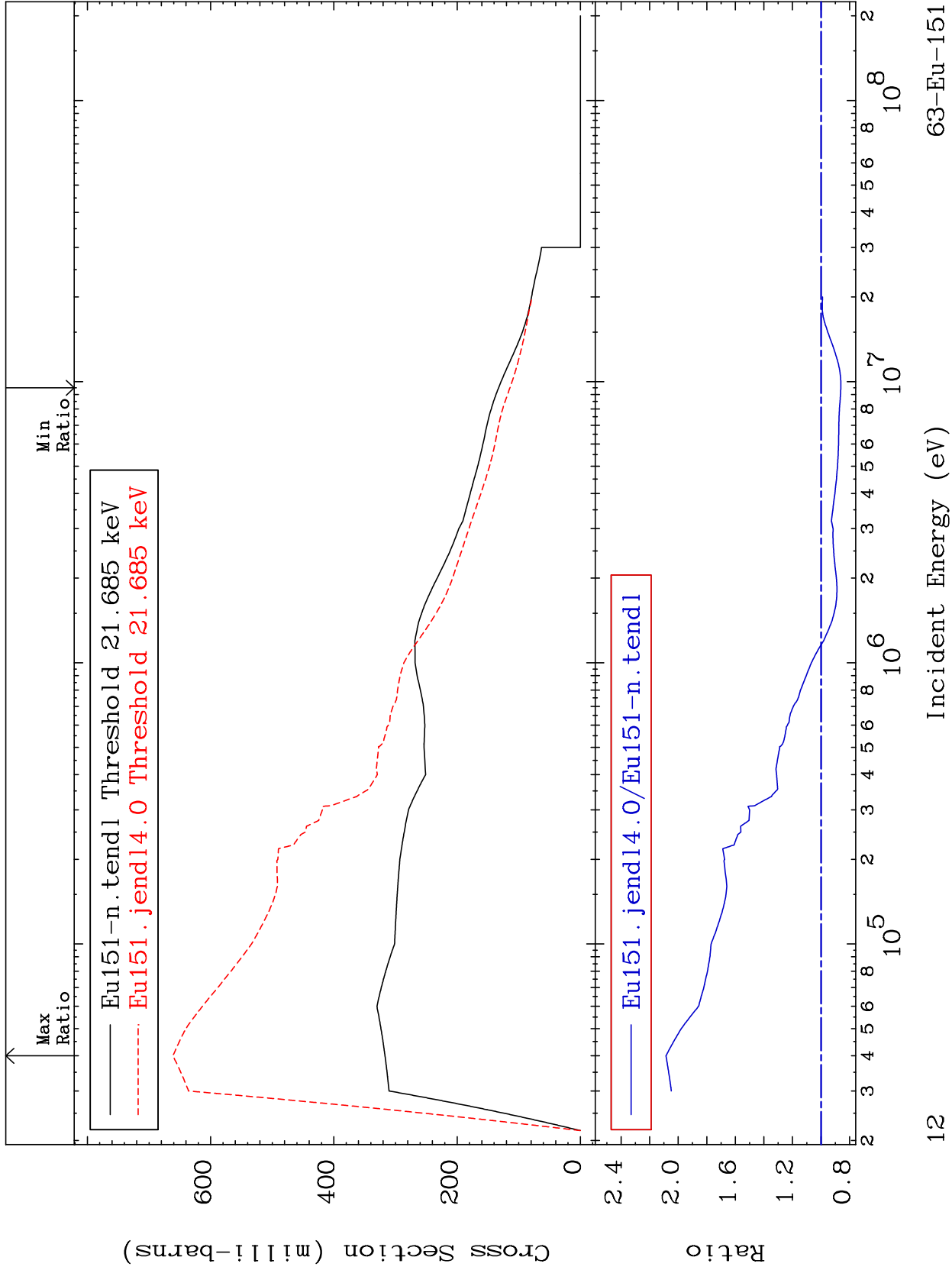
MAT 6325

(n,2n) p
Cross Section

63-Eu-151
-99.33 To -64.21%



MAT 6325 21.54 keV (n,n') Level 63-Eu-151
 Cross Section -13.88 To 108.6 %



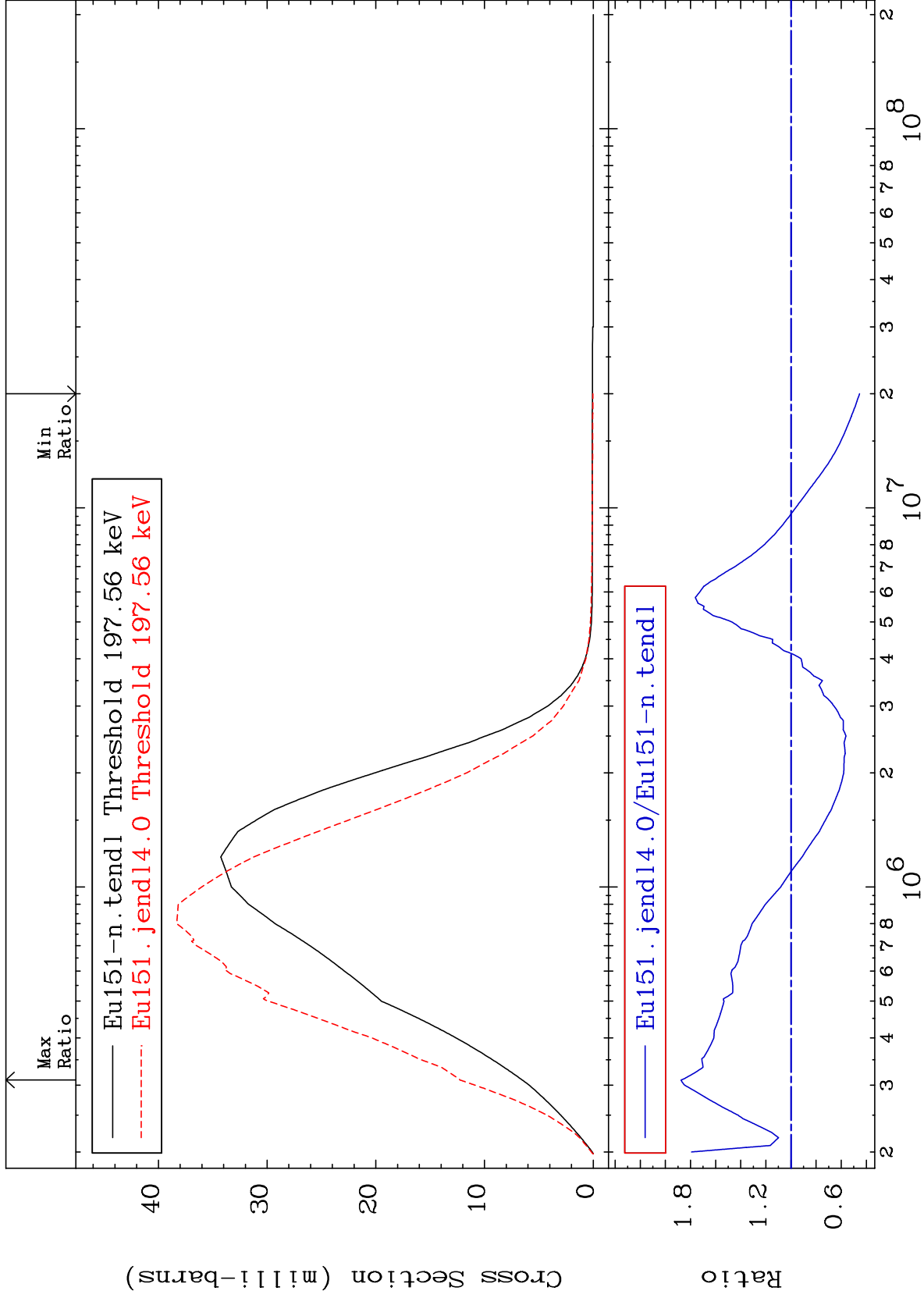
MAT 6325

196.2 keV (n,n') Level

63-Eu-151

Cross Section

-54.57 To 87.75 %



13

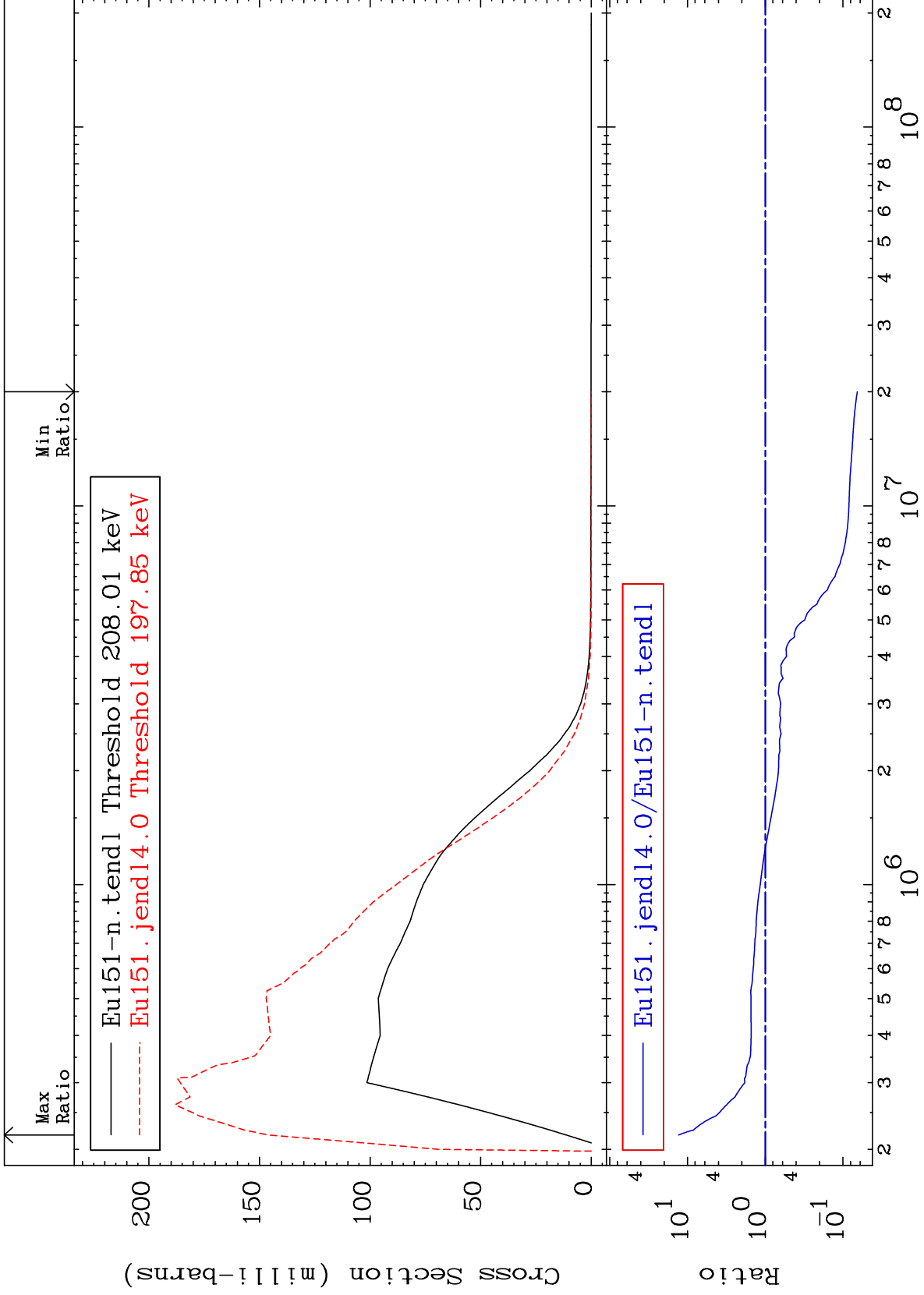
Incident Energy (eV)

63-Eu-151

MAT 6325

206.6 keV (n,n') Level
Cross Section

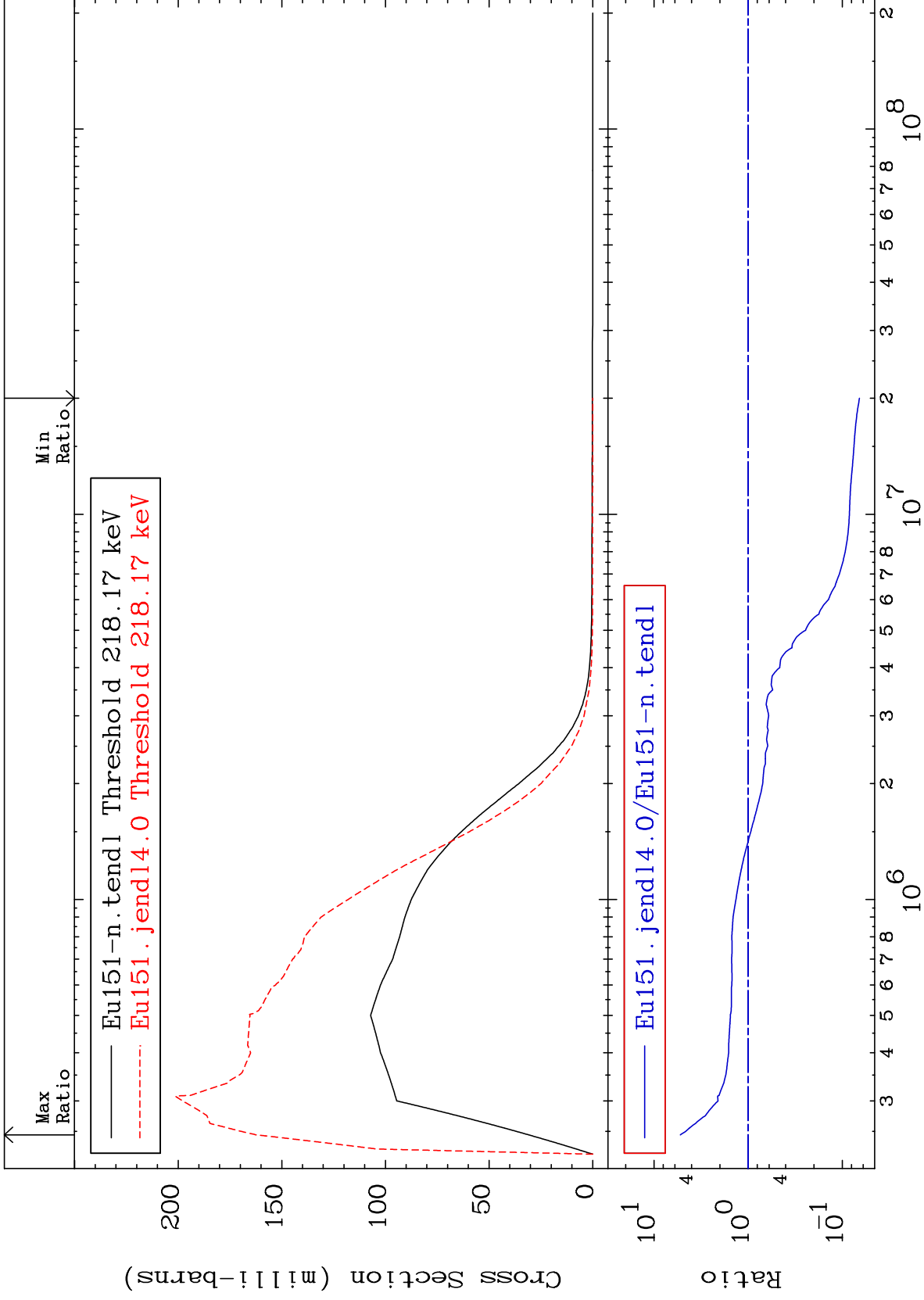
63-Eu-151
-93.45 To 1203. %



MAT 6325

216.7 keV (n,n') Level
Cross Section

63-Eu-151
-93.42 To 425.2 %



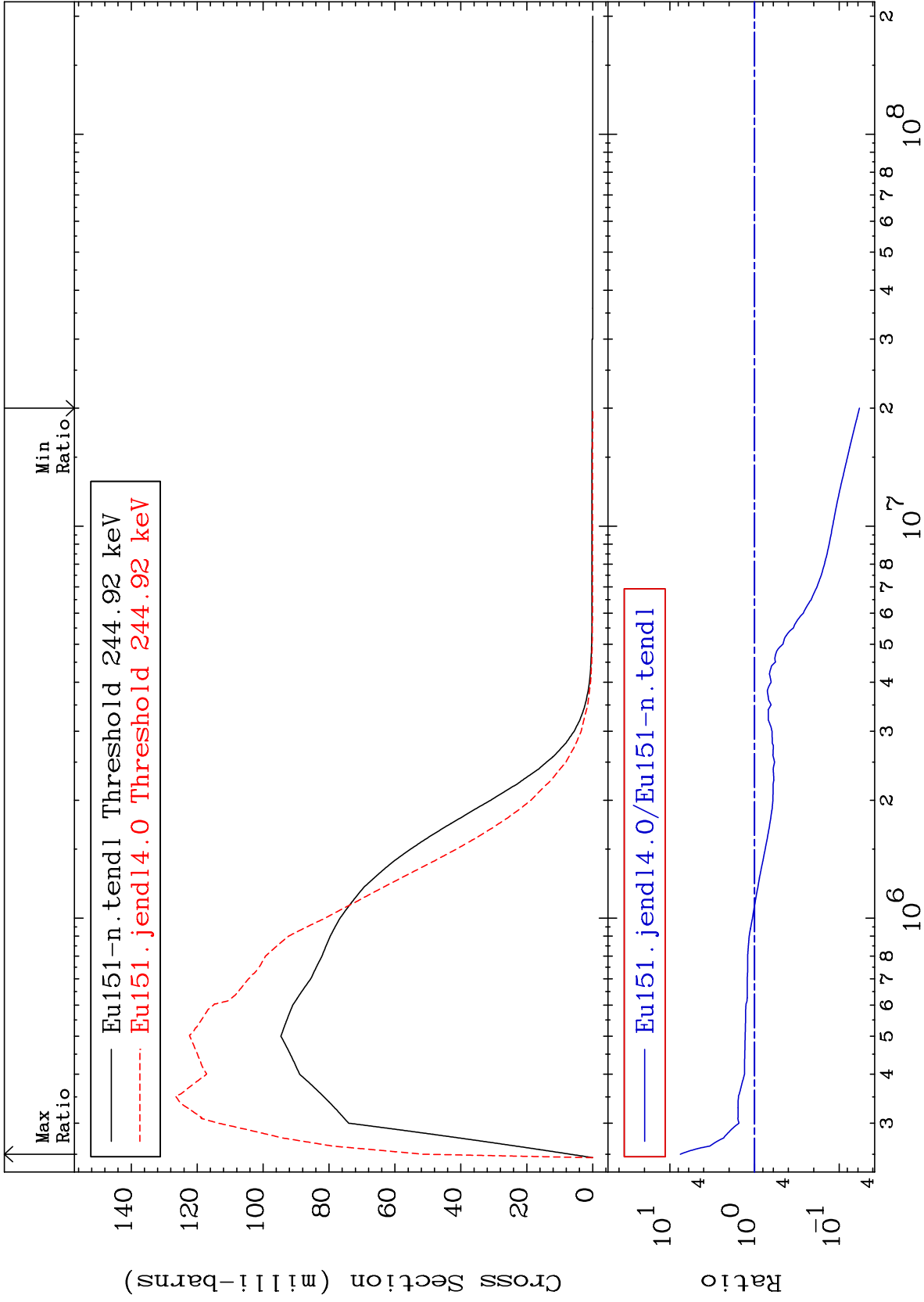
15

63-Eu-151

MAT 6325

243.3 keV (n,n') Level
Cross Section

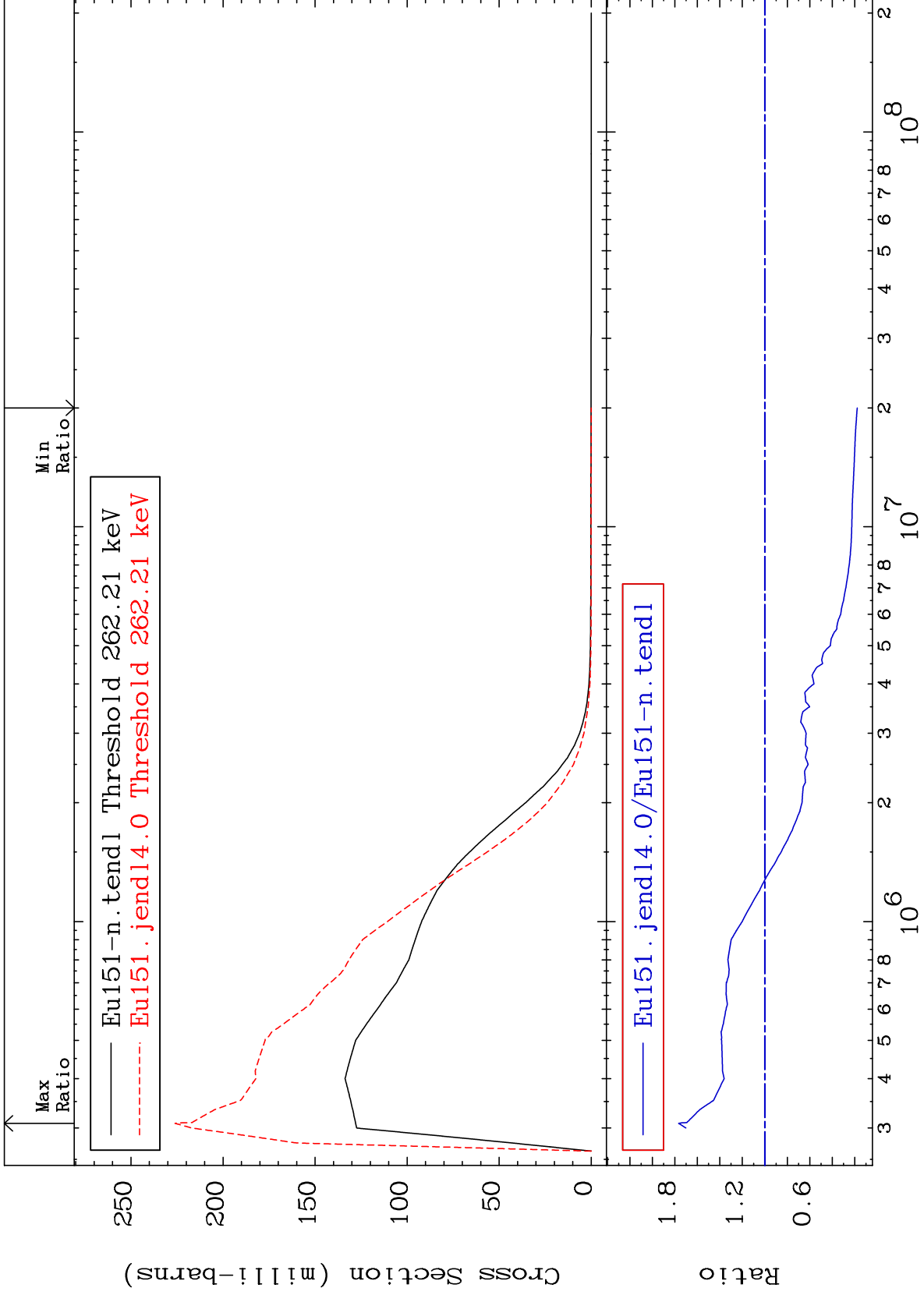
63-Eu-151
-94.24 To 654.0 %



MAT 6325

260.5 keV (n,n') Level
Cross Section

63-Eu-151
-82.25 To 76.67 %



17

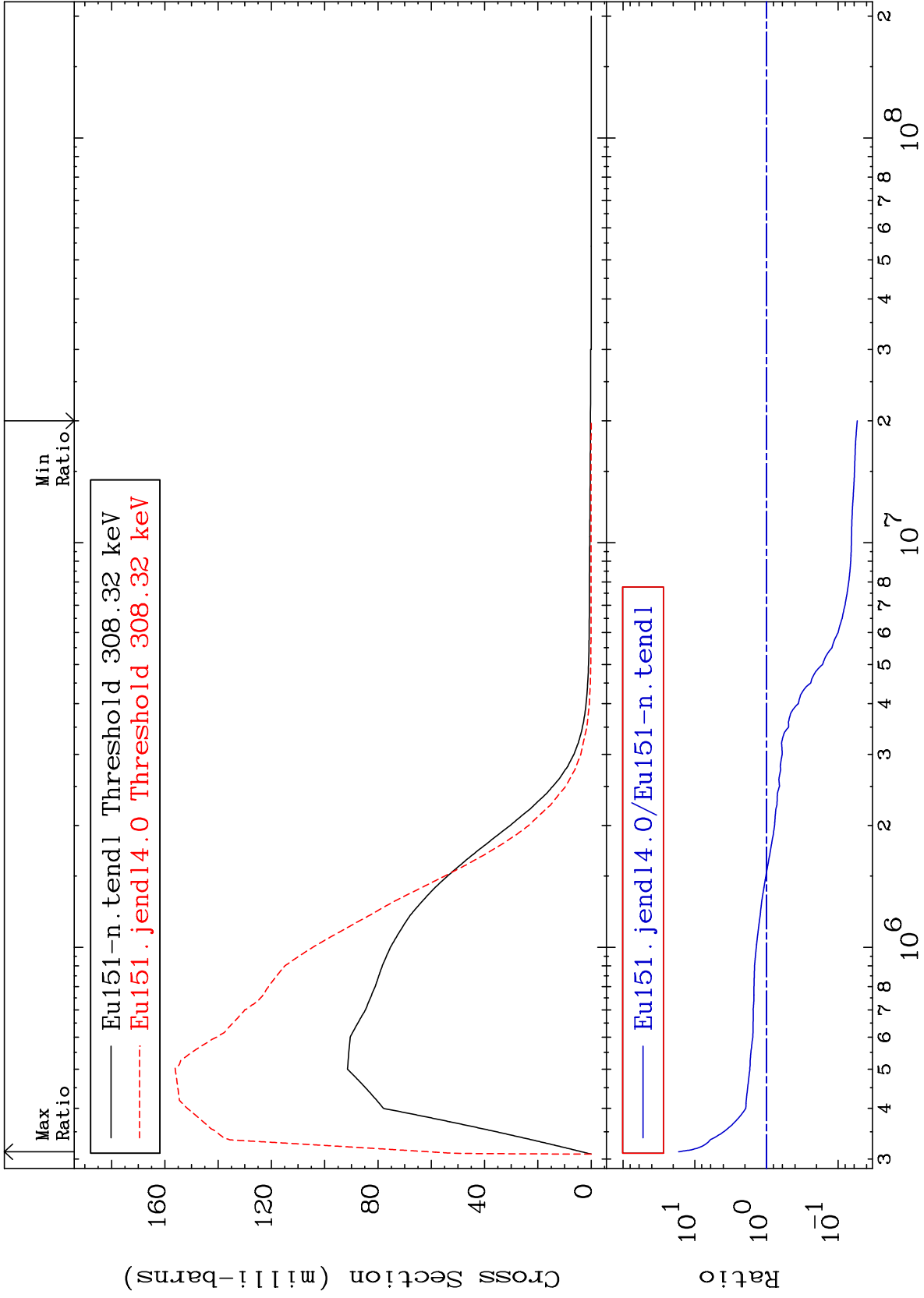
Incident Energy (eV)

63-Eu-151

MAT 6325

306.3 keV (n,n') Level
Cross Section

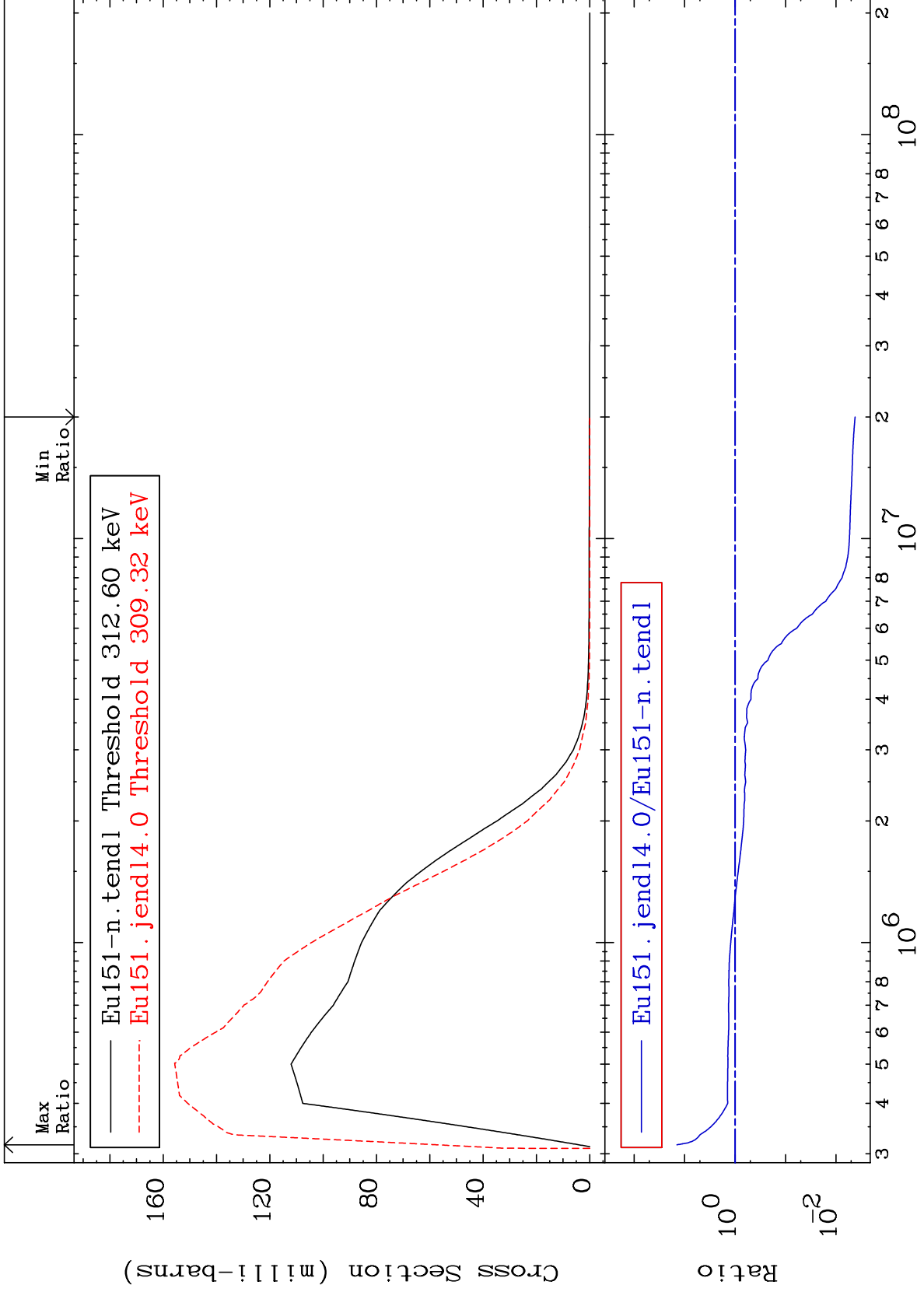
63-Eu-151
-94.59 To 1581. %



MAT 6325

310.5 keV (n,n') Level
Cross Section

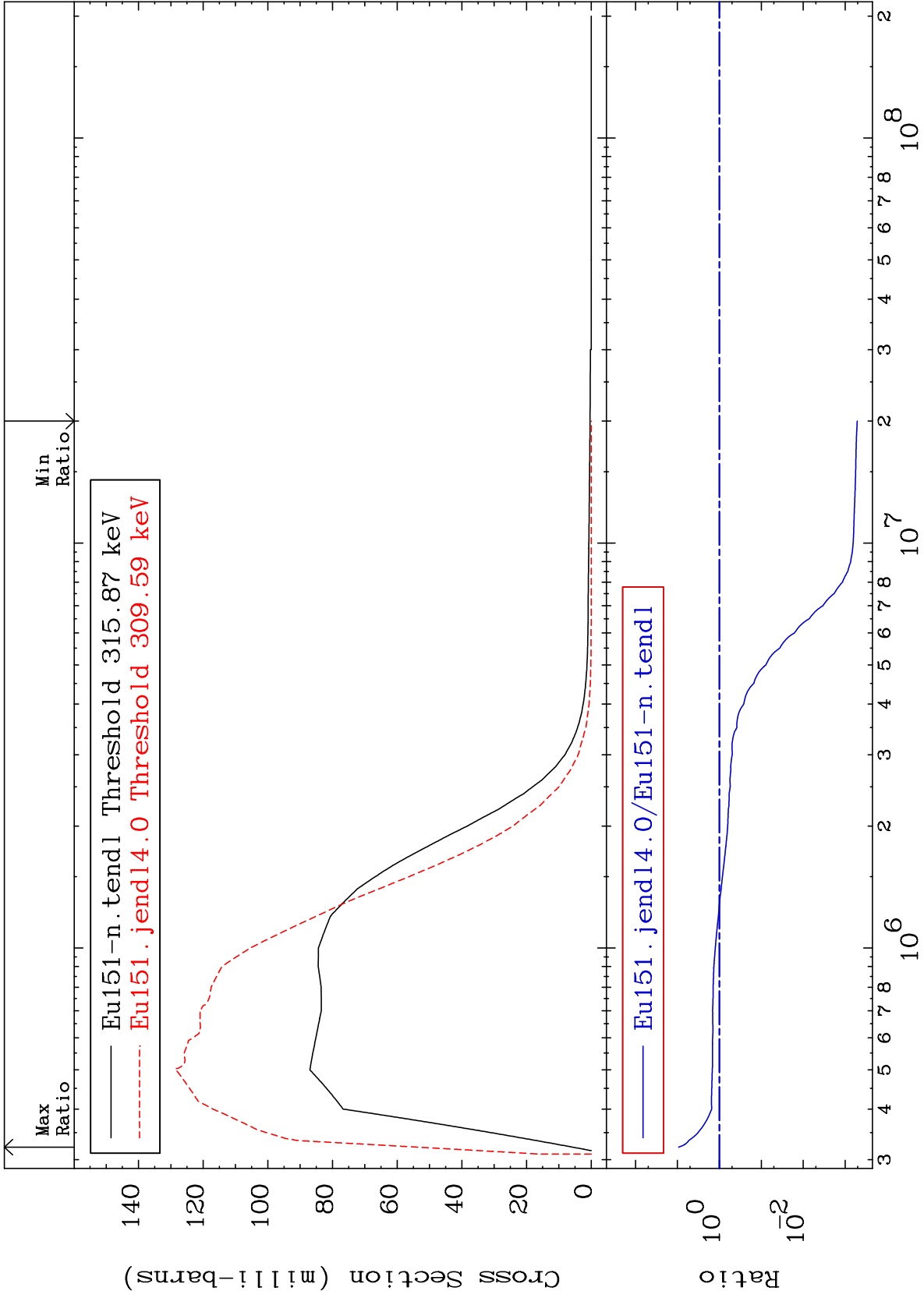
63-Eu-151
-99.58 To 1320. %



MAT 6325

313.8 keV (n,n') Level
Cross Section

63-Eu-151
-99.95 To 836.0 %



20

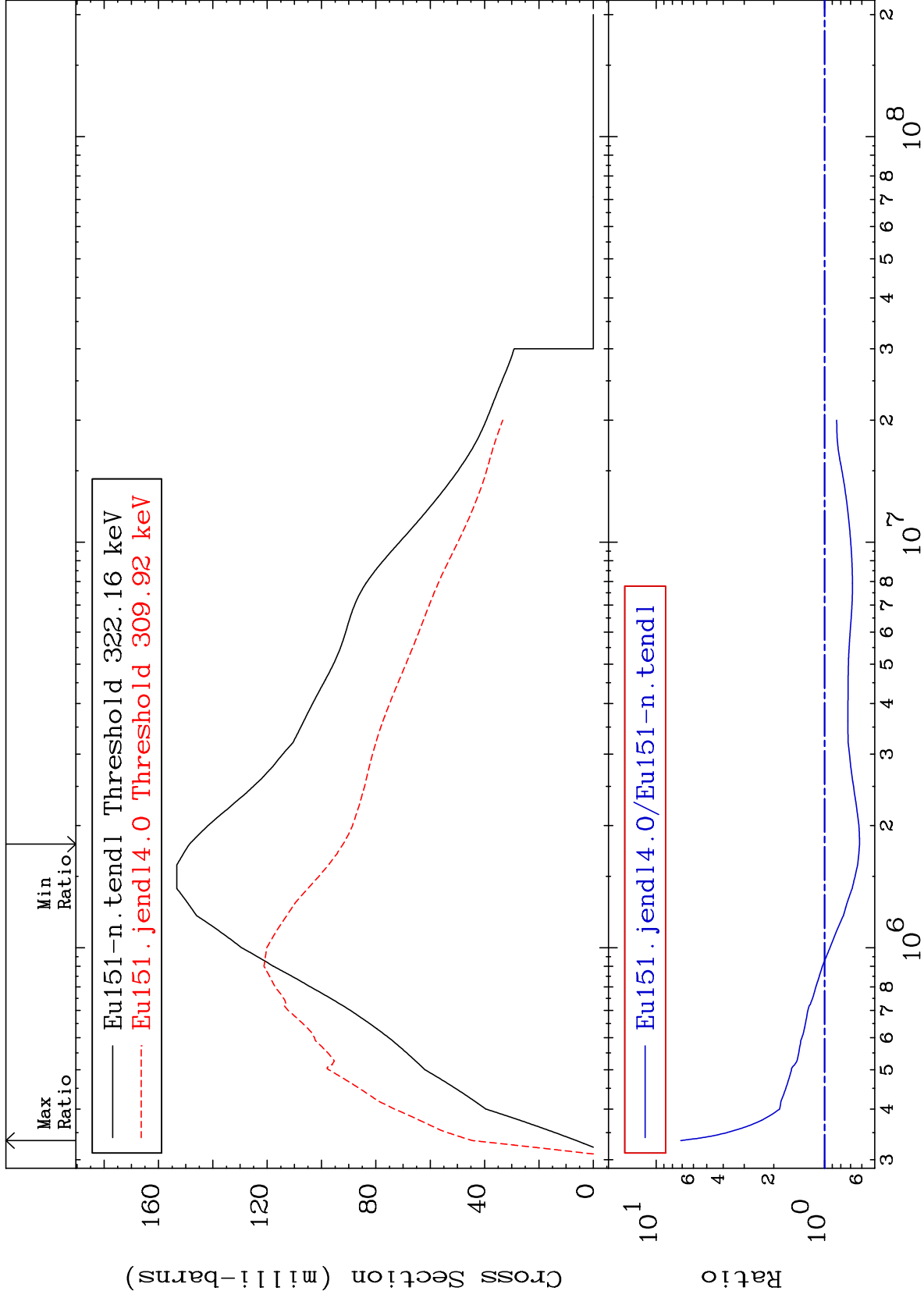
Incident Energy (eV)

63-Eu-151

MAT 6325

320.0 keV (n,n') Level
Cross Section

63-Eu-151
-38.06 To 613.8 %



21

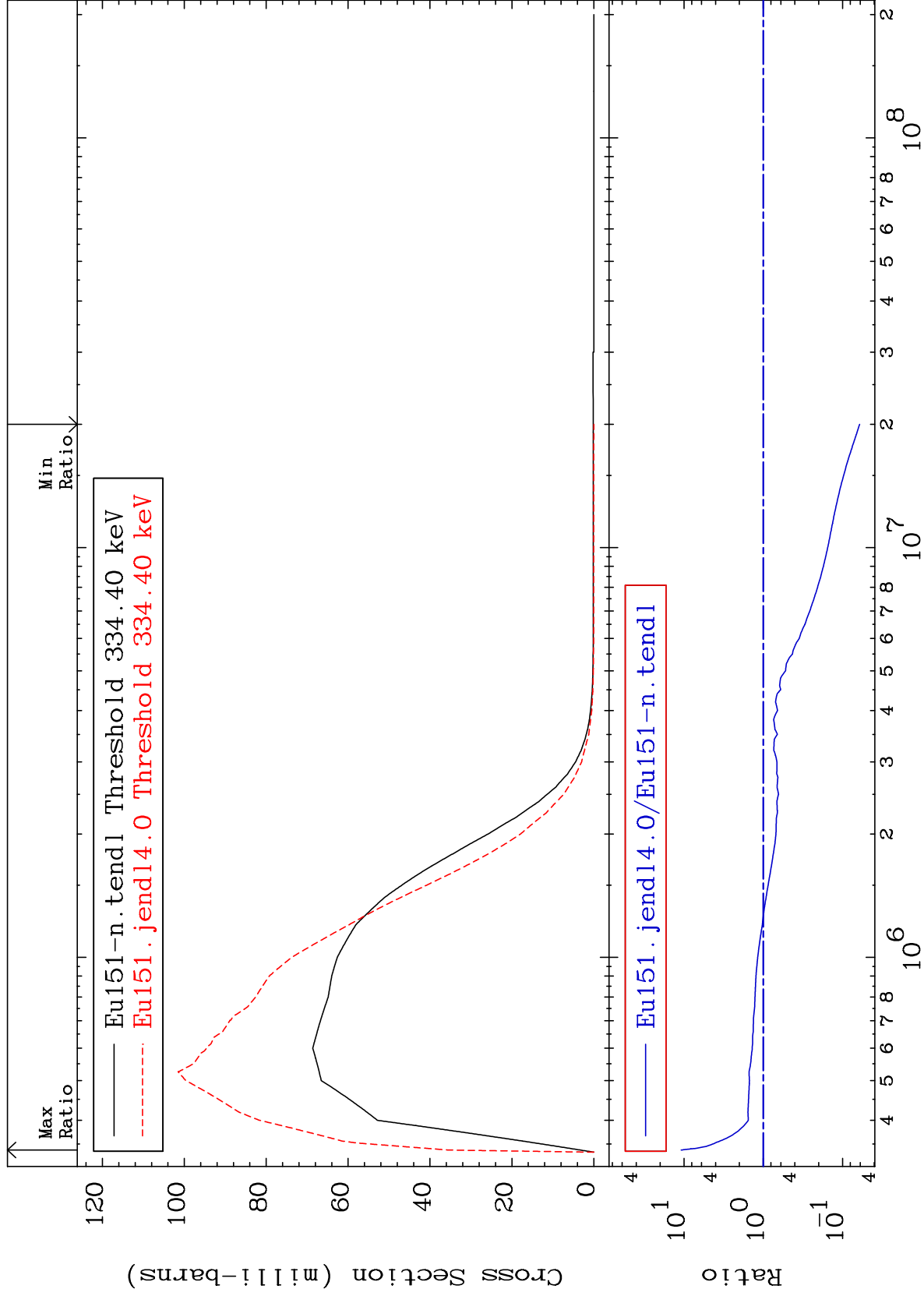
Incident Energy (eV)

63-Eu-151

MAT 6325

332.2 keV (n,n') Level
Cross Section

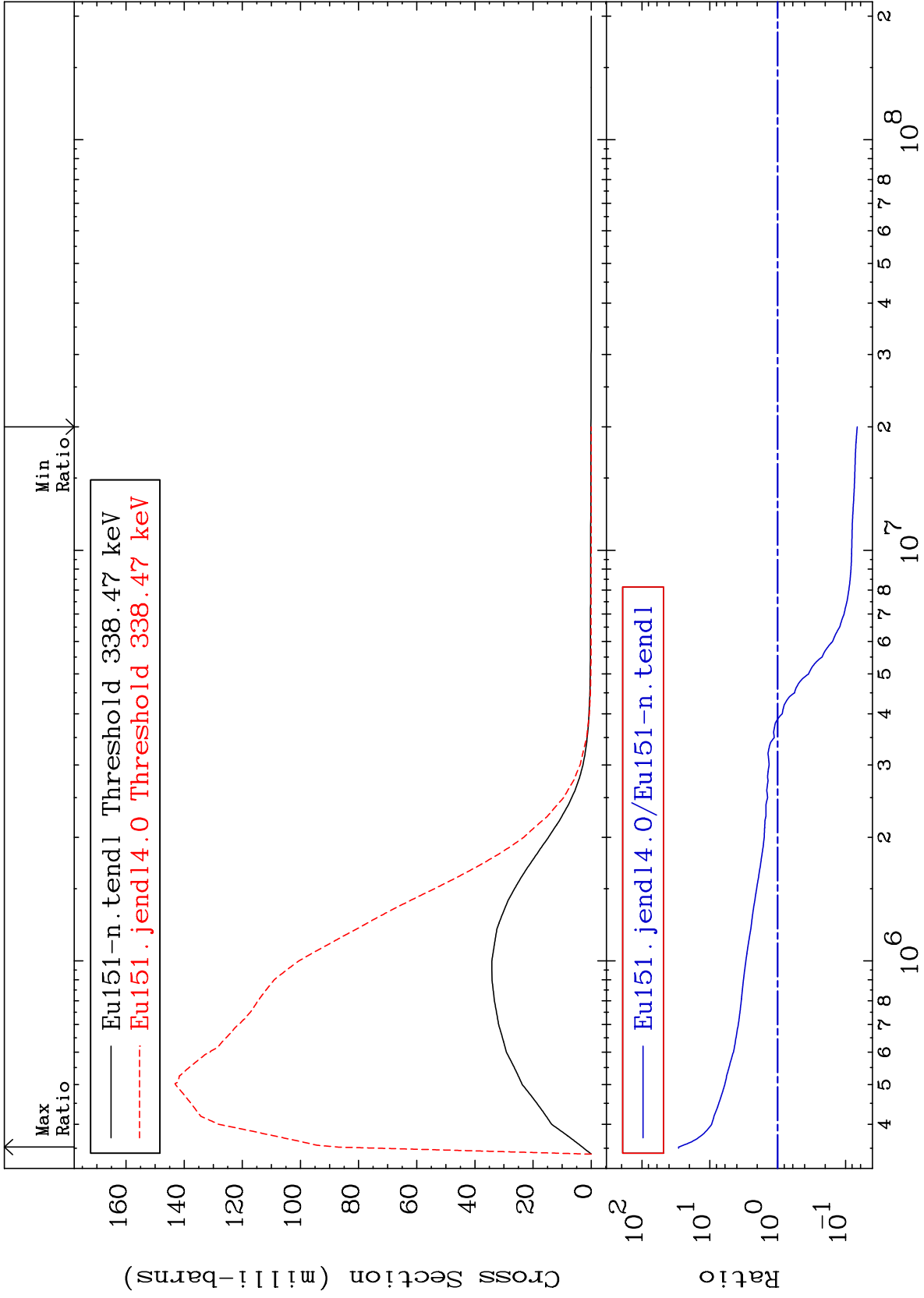
63-Eu-151
-93.88 To 983.4 %



MAT 6325

336.2 keV (n,n') Level
Cross Section

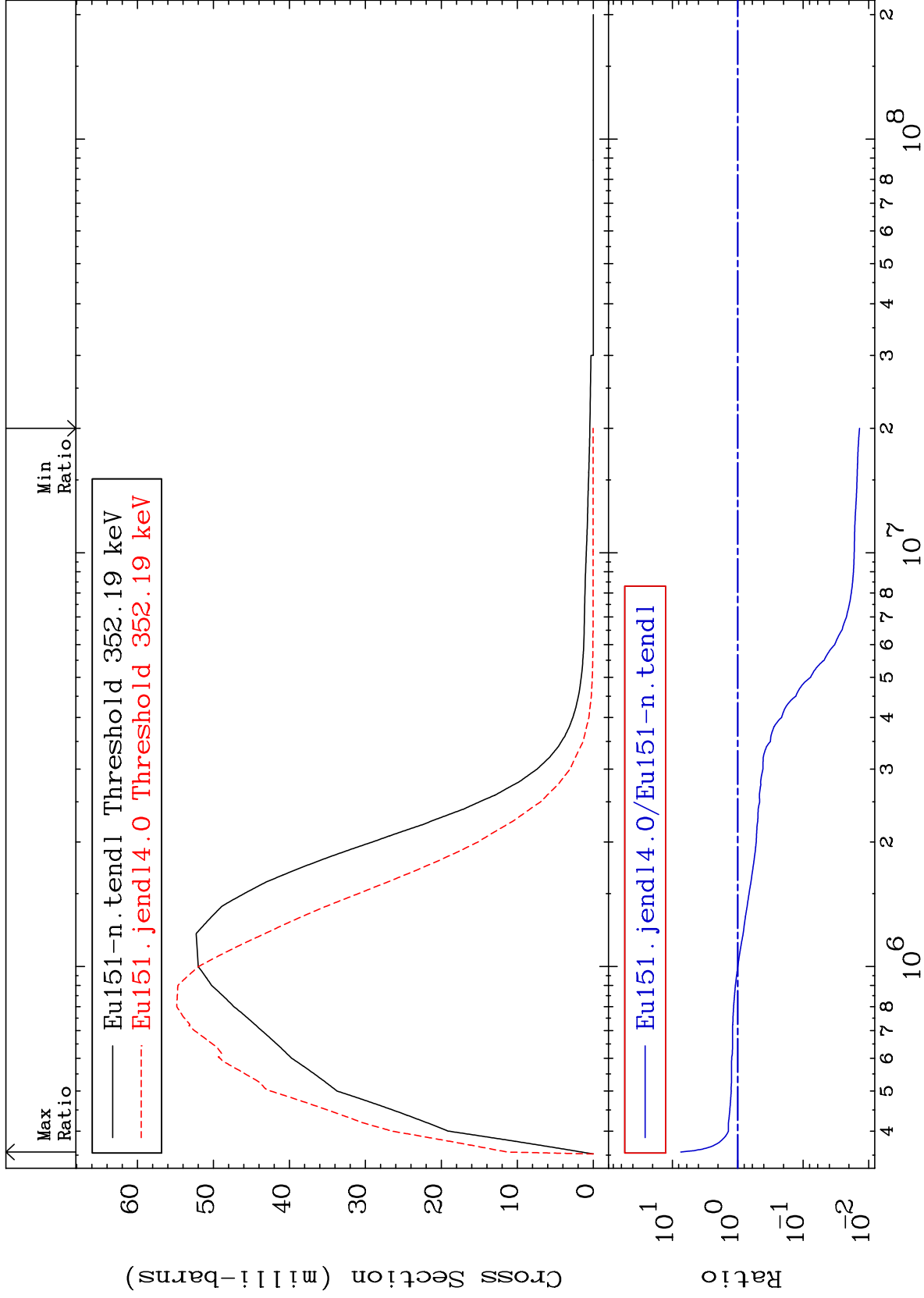
63-Eu-151
-93.27 To 2779. %



MAT 6325

349.9 keV (n,n') Level
Cross Section

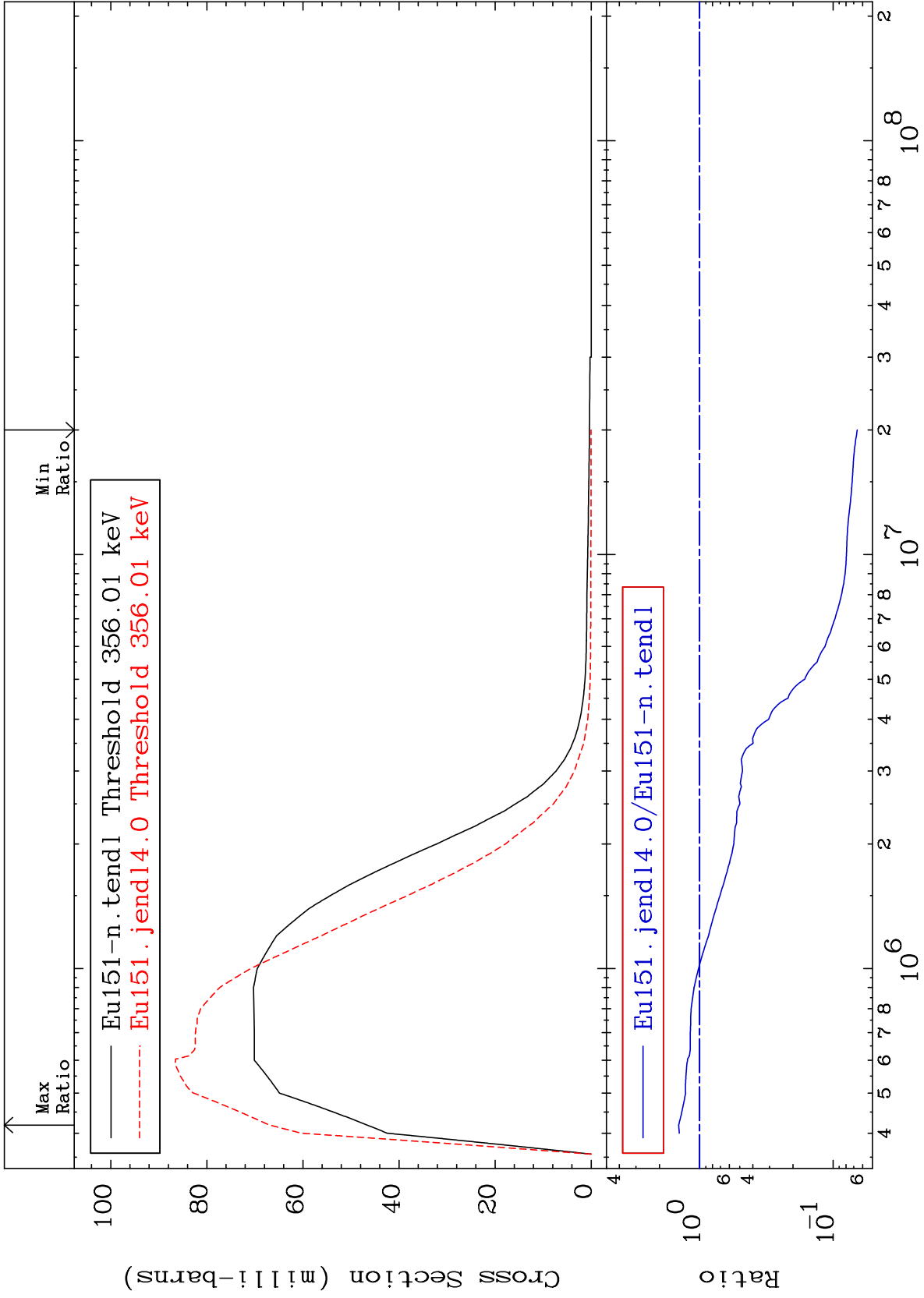
63-Eu-151
-98.62 To 643.2 %



MAT 6325

353.7 keV (n,n') Level
Cross Section

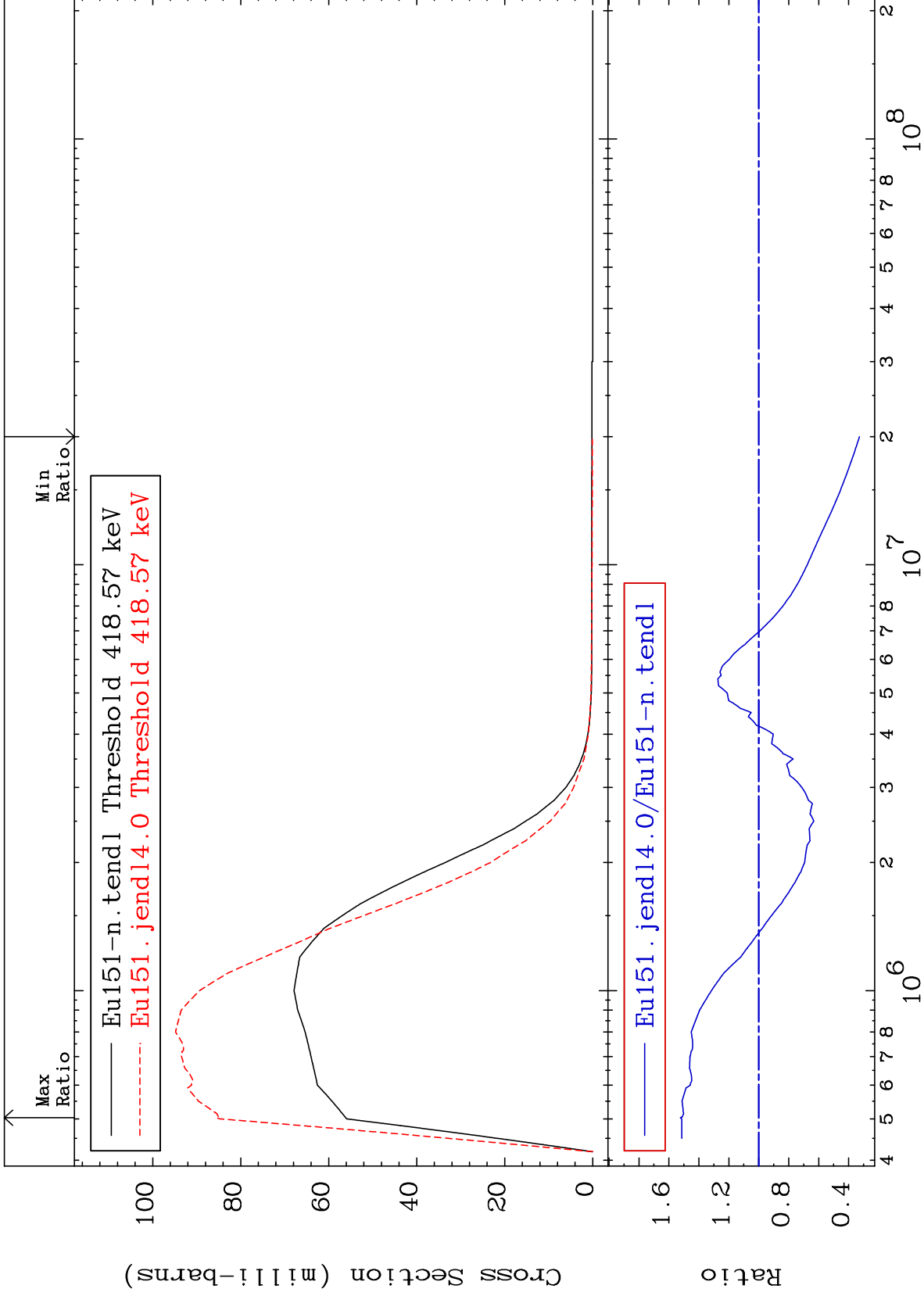
63-Eu-151
-93.41 To 43.74 %



MAT 6325

415.8 keV (n,n') Level
Cross Section

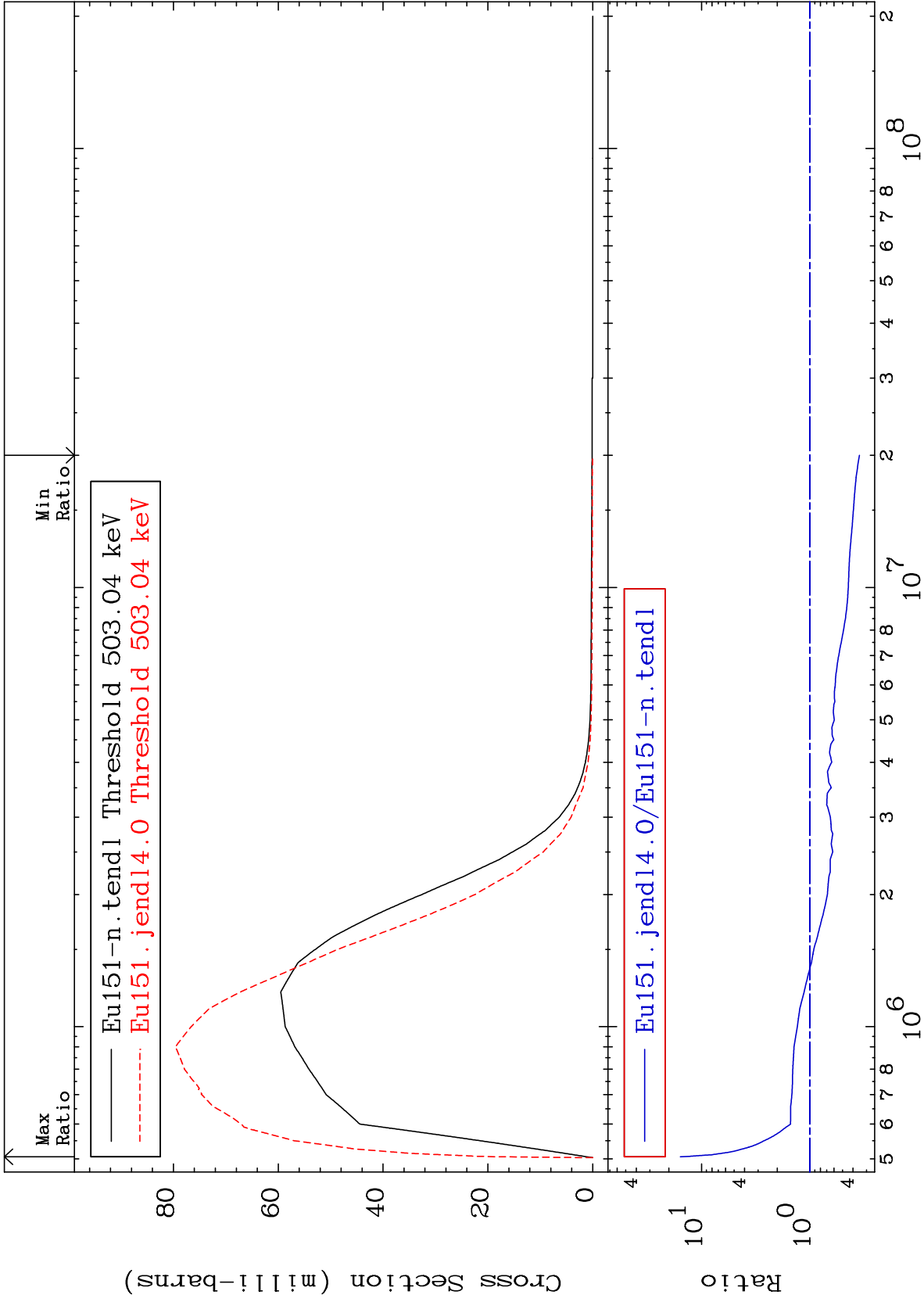
63-Eu-151
-67.20 To 52.35 %



MAT 6325

499.7 keV (n,n') Level
Cross Section

63-Eu-151
-65.11 To 1467. %



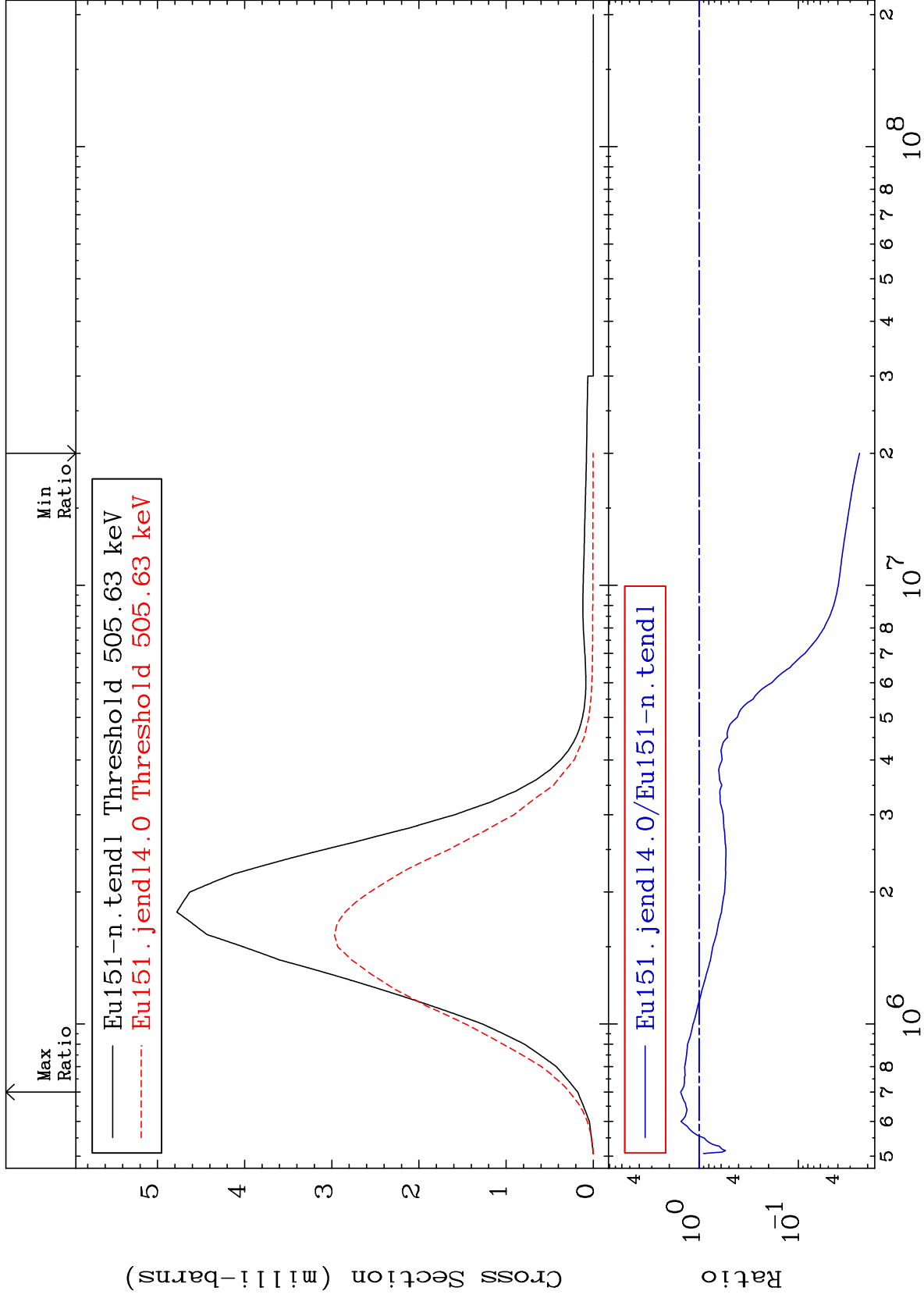
MAT 6325

502.3 keV (n,n') Level

63-Eu-151

-97.58 To 53.14 %

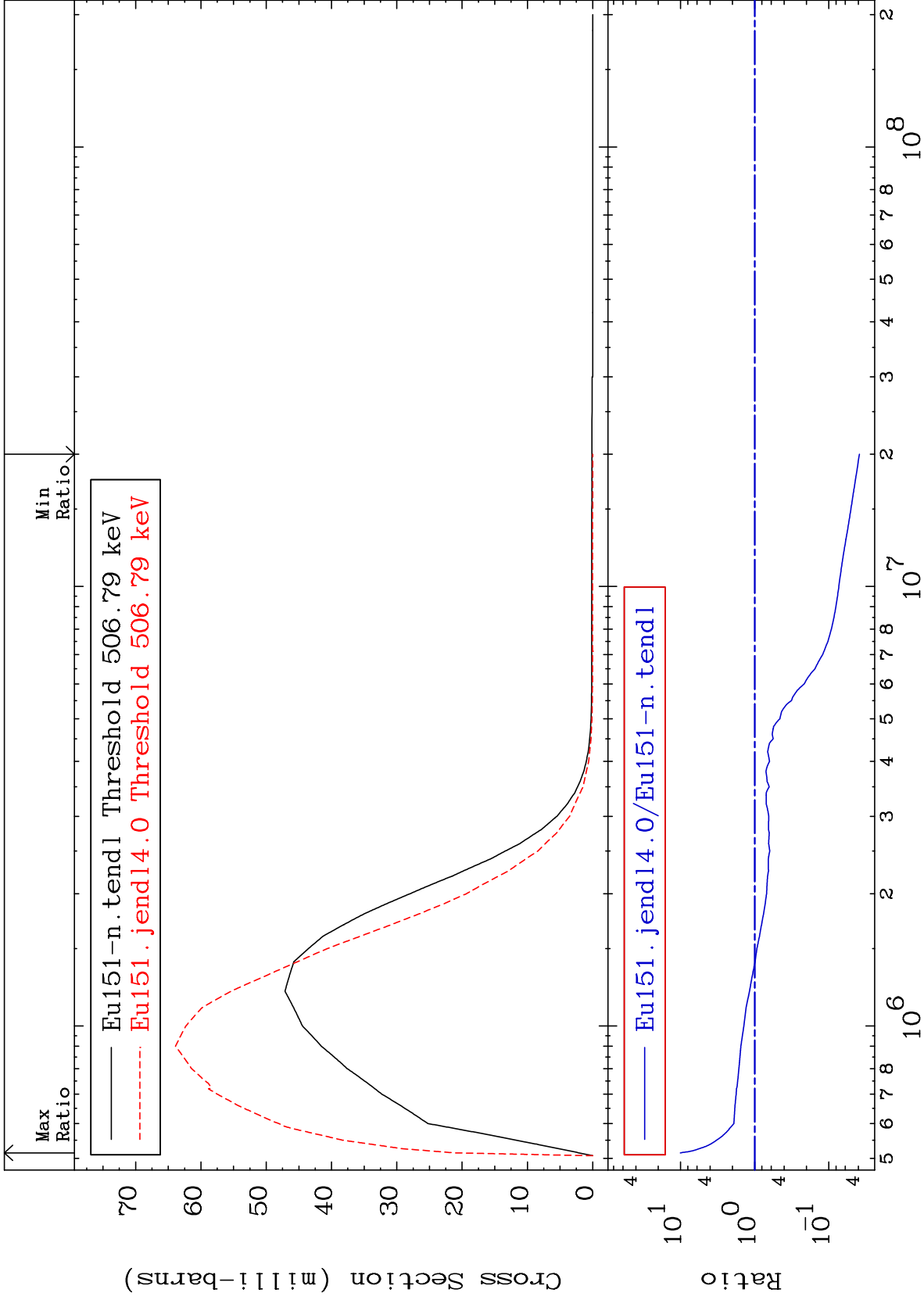
Cross Section



MAT 6325

503.4 keV (n,n') Level
Cross Section

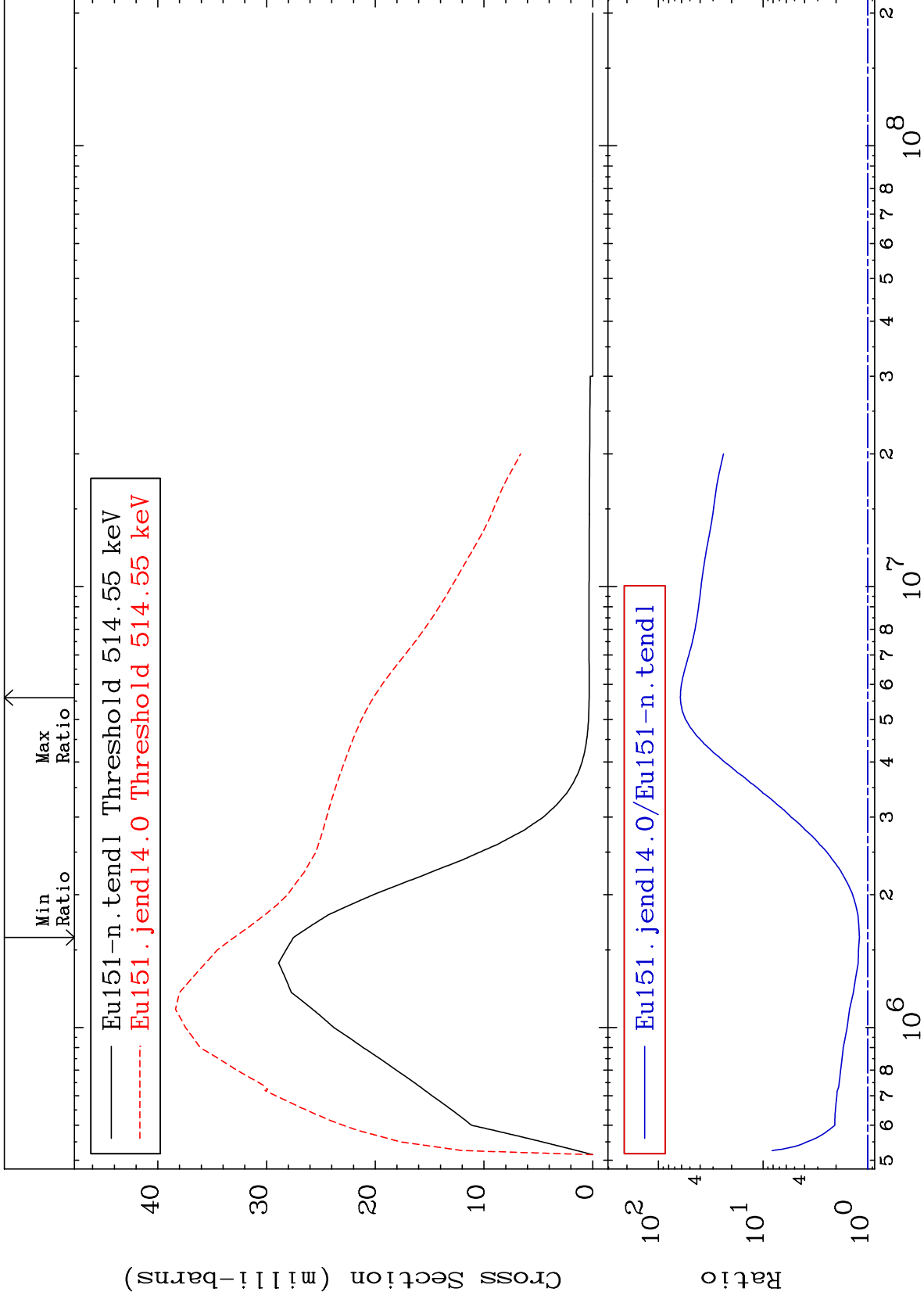
63-Eu-151
-96.14 To 907.7 %



MAT 6325

511.1 keV (n,n') Level
Cross Section

63-Eu-151
19.88 To 6074. %



30

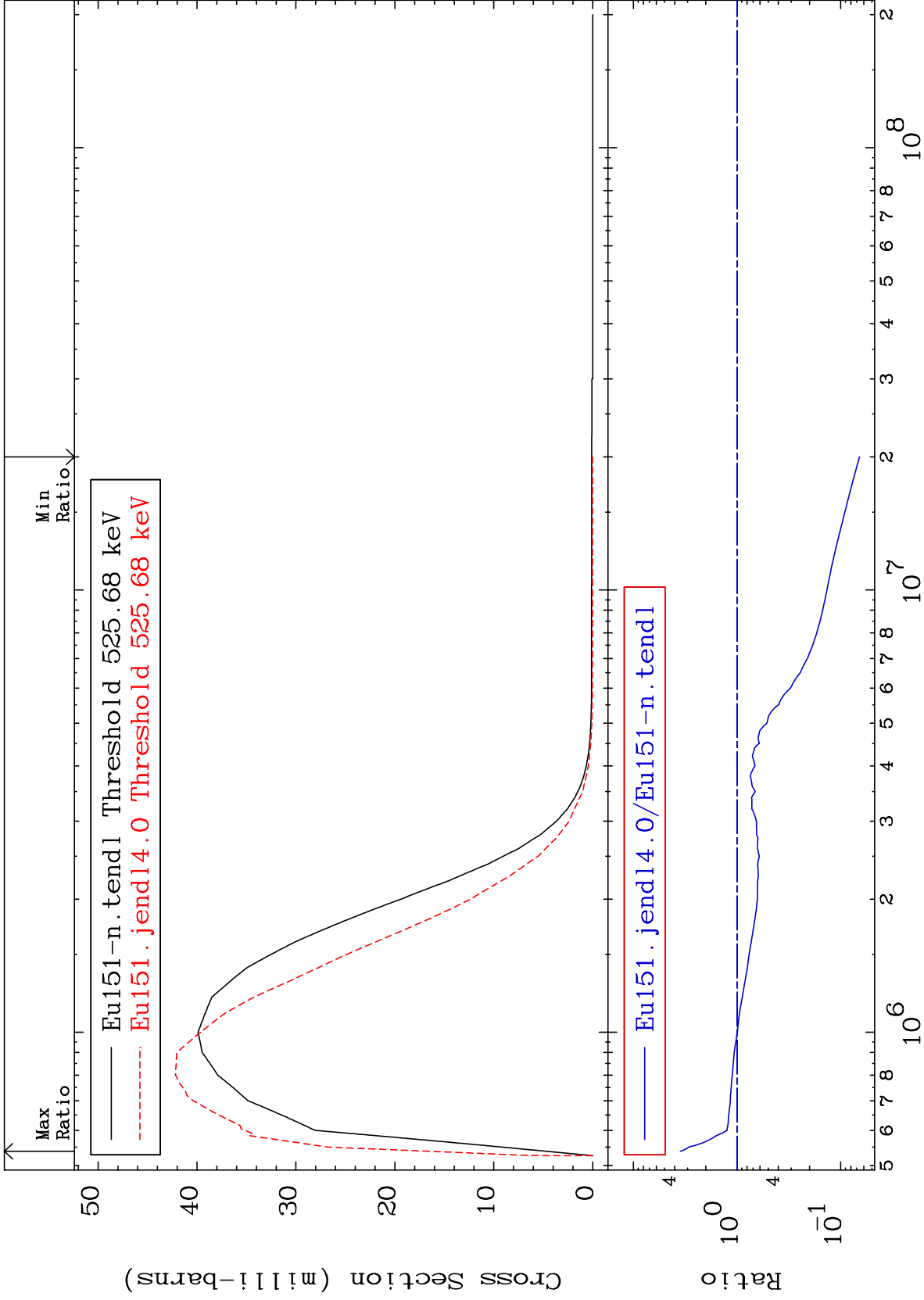
Incident Energy (eV)

63-Eu-151

MAT 6325

522.2 keV (n,n') Level
Cross Section

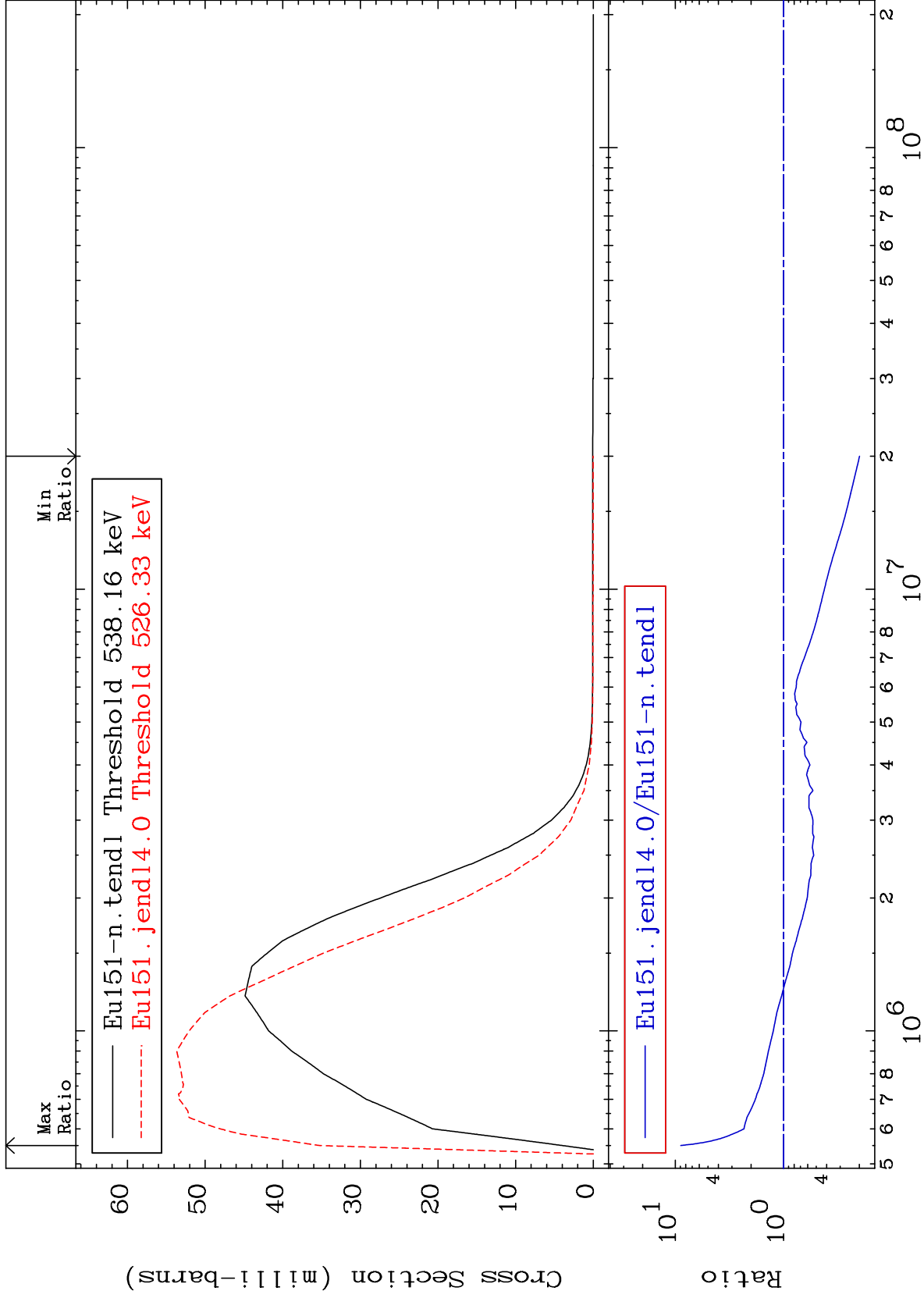
63-Eu-151
-93.40 To 252.1 %



MAT 6325

534.6 keV (n,n') Level
Cross Section

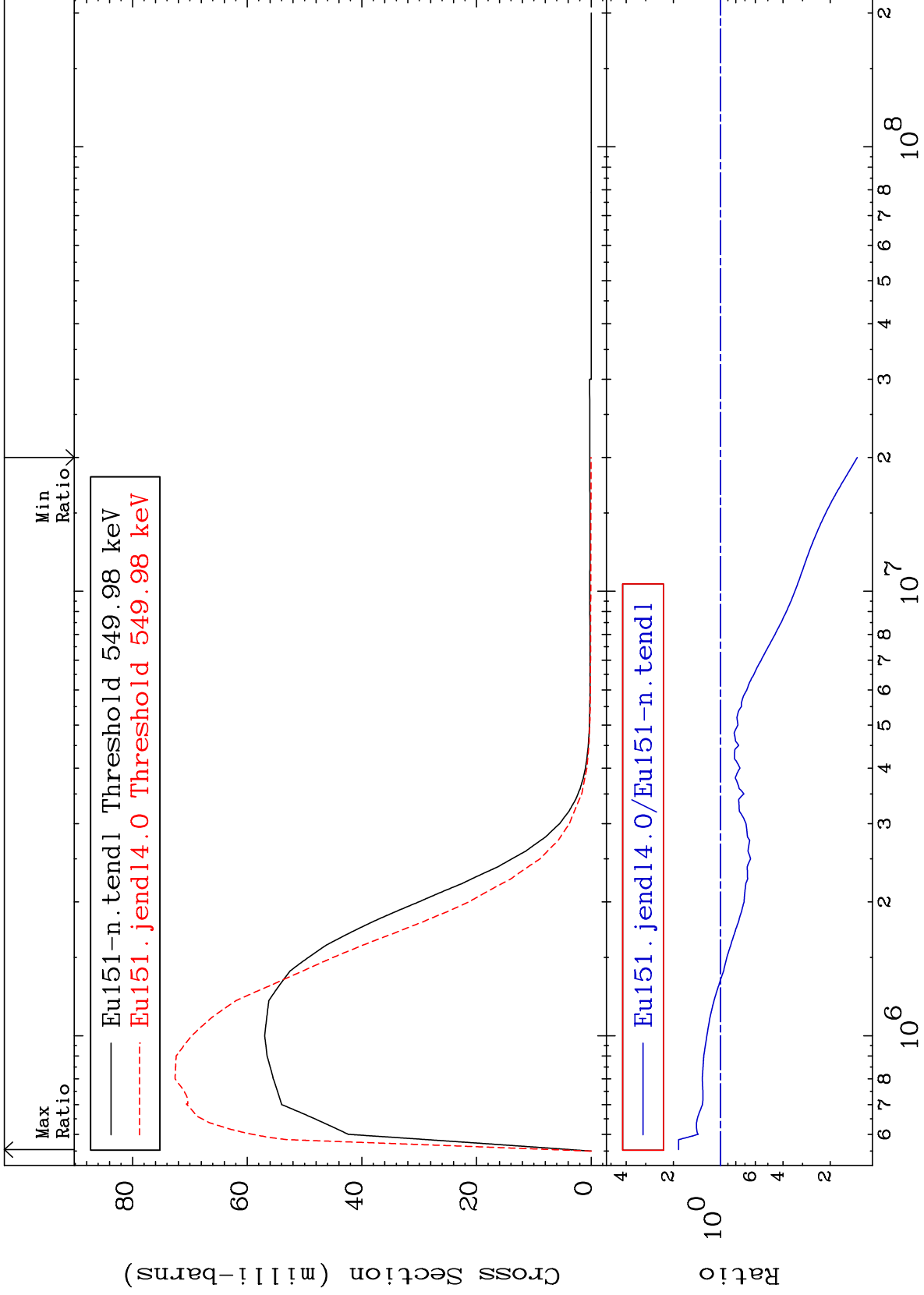
63-Eu-151
-80.10 To 790.7 %



MAT 6325

546.3 keV (n,n') Level
Cross Section

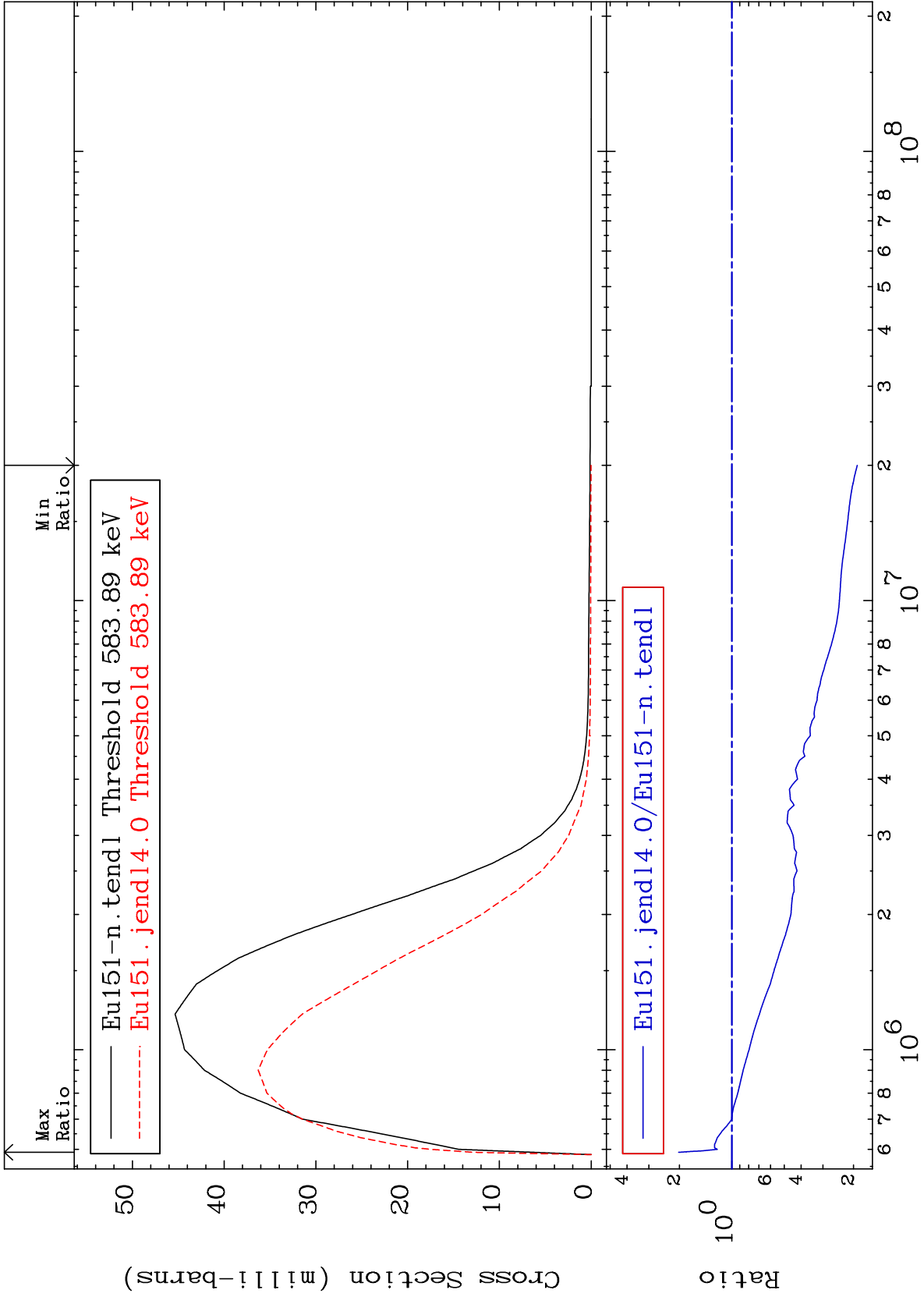
63-Eu-151
-86.55 To 85.21 %



MAT 6325

580.0 keV (n,n') Level
Cross Section

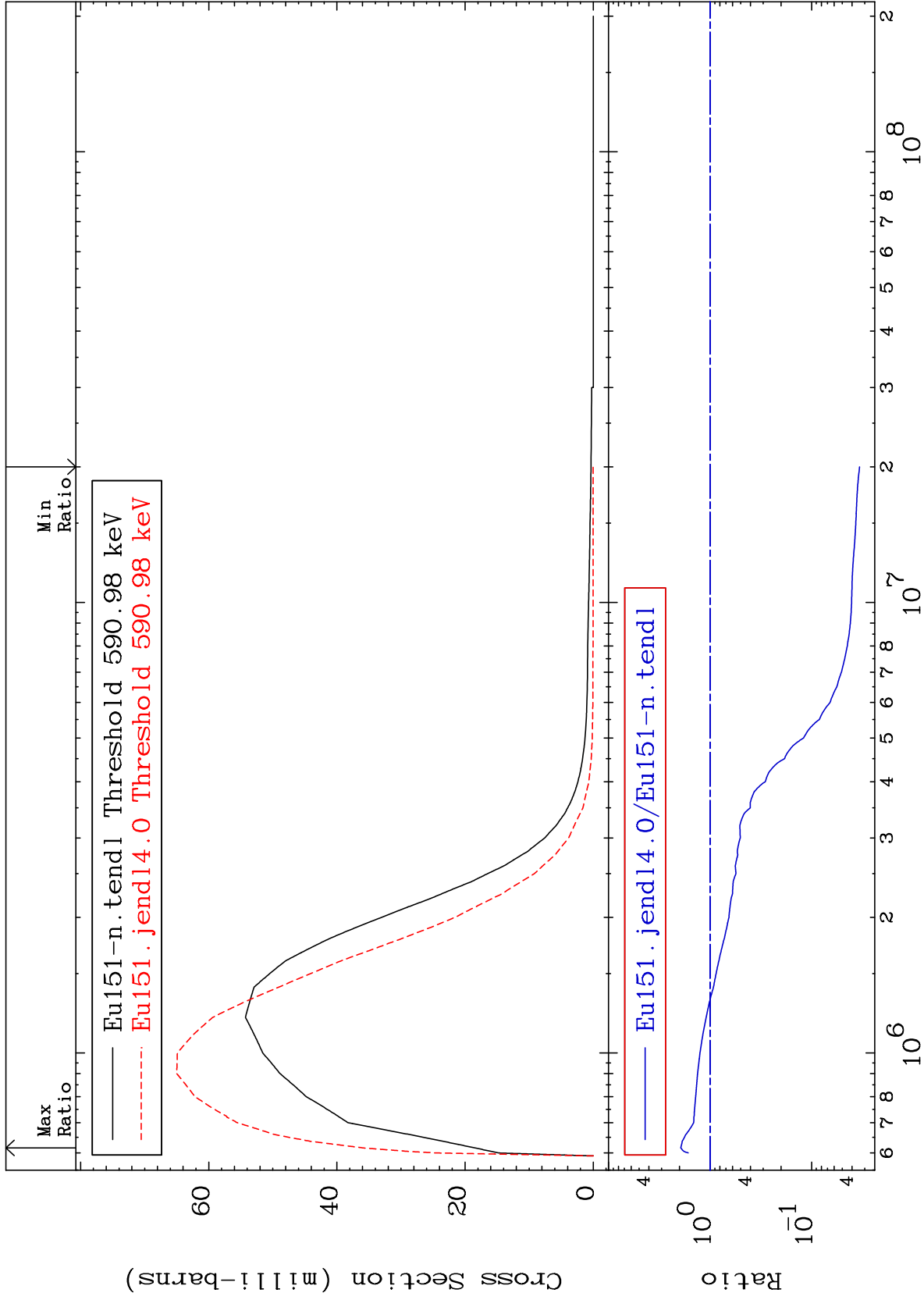
63-Eu-151
-80.96 To 102.1 %



MAT 6325

587.1 keV (n,n') Level
Cross Section

63-Eu-151
-96.62 To 94.50 %



35

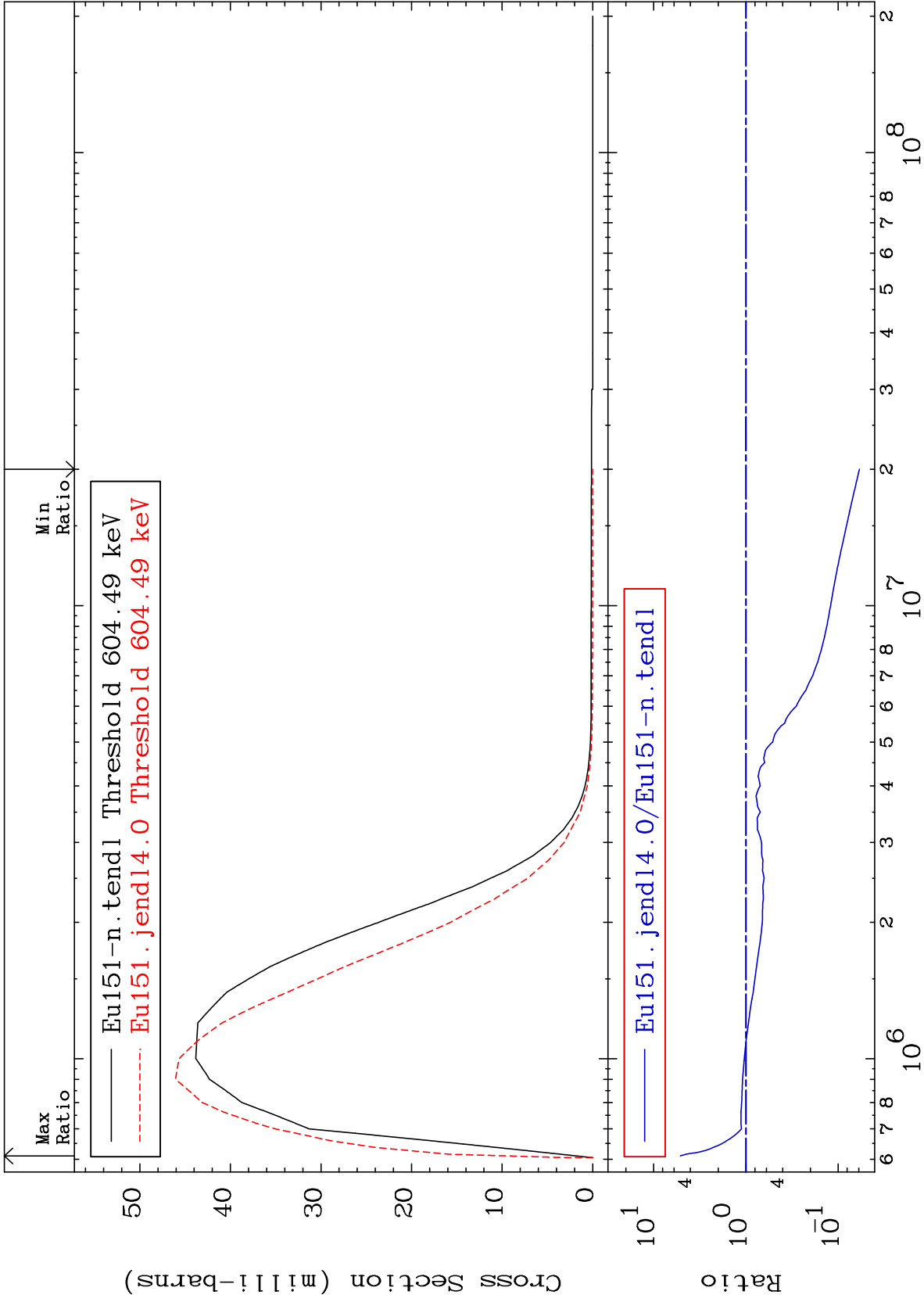
Incident Energy (eV)

63-Eu-151

MAT 6325

600.5 keV (n,n') Level
Cross Section

63-Eu-151
-94.10 To 413.7 %



36

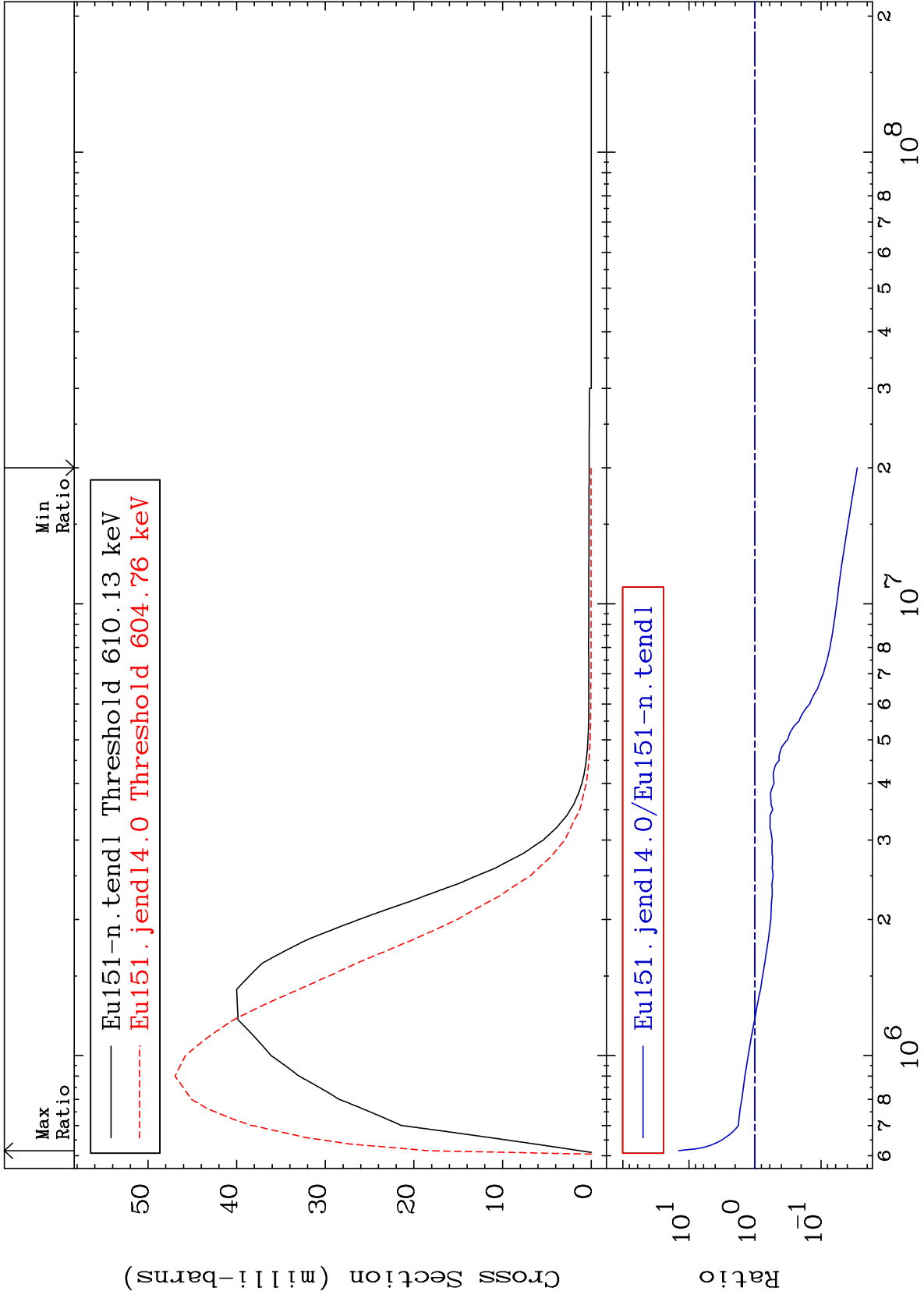
Incident Energy (eV)

63-Eu-151

MAT 6325

606.1 keV (n,n') Level
Cross Section

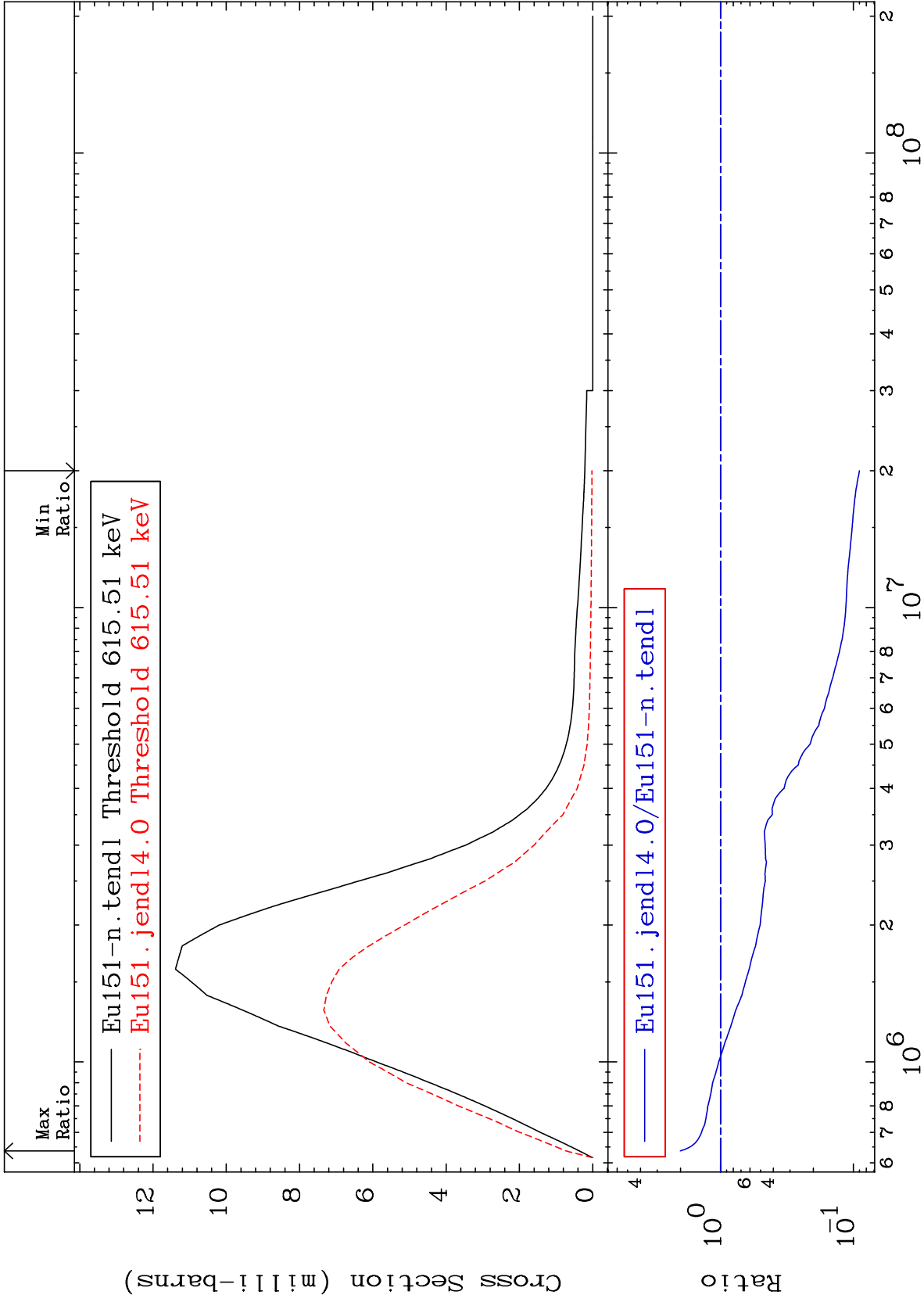
63-Eu-151
-97.17 To 1334. %



MAT 6325

611.4 keV (n,n') Level
Cross Section

63-Eu-151
-91.00 To 100.4 %



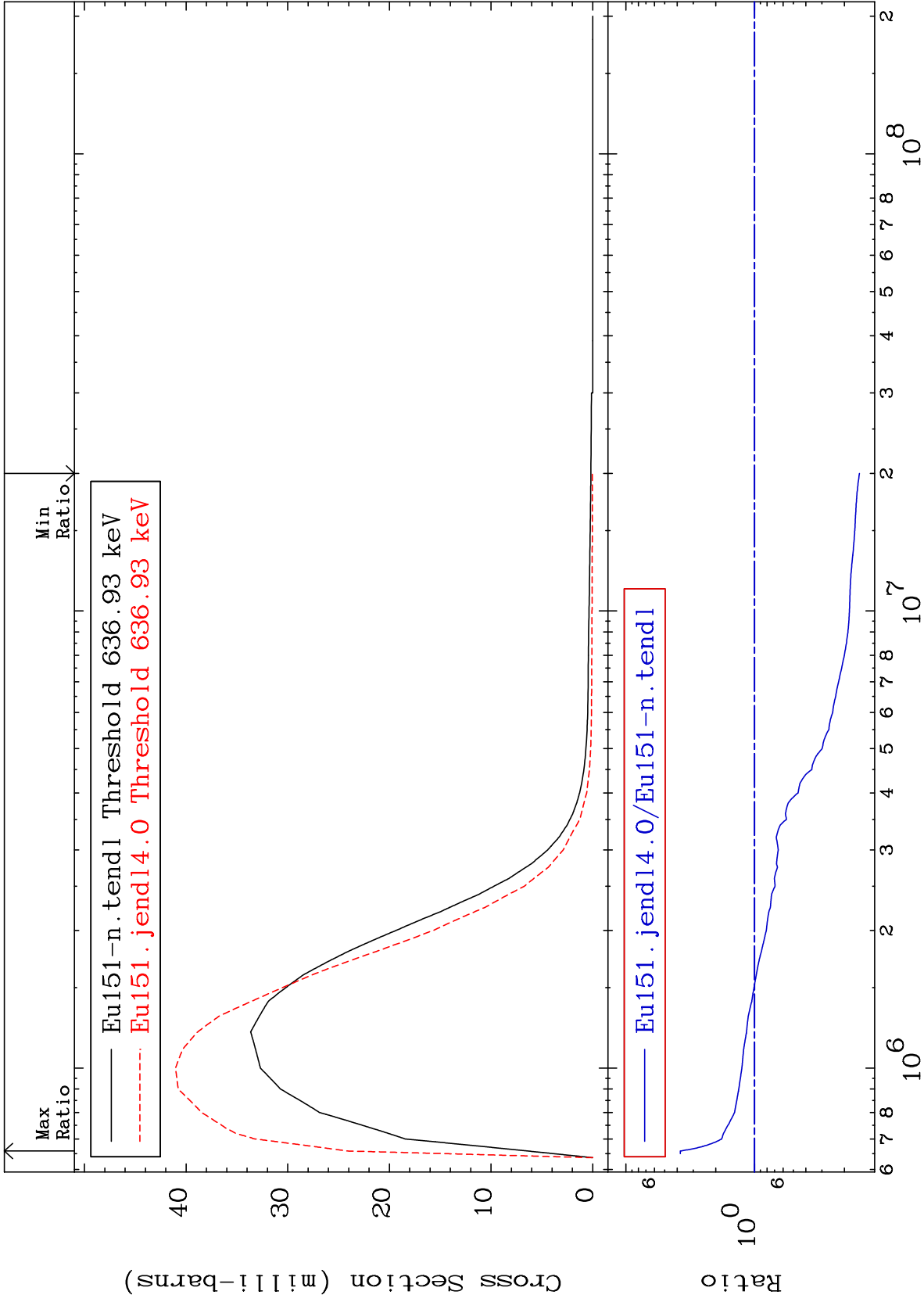
38

63-Eu-151

MAT 6325

632.7 keV (n,n') Level
Cross Section

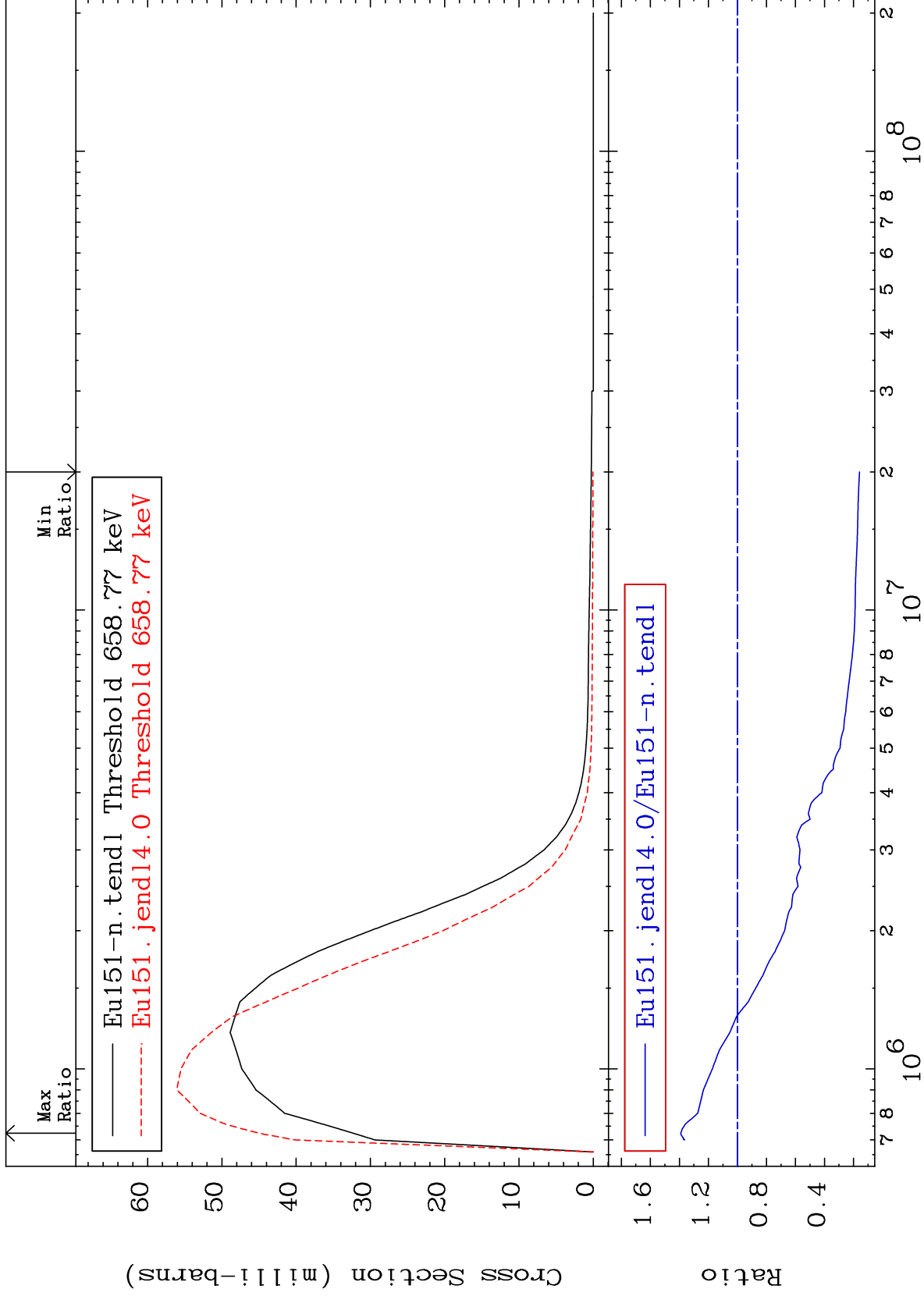
63-Eu-151
-84.70 To 277.6 %



MAT 6325

654.4 keV (n,n') Level
Cross Section

63-Eu-151
-84.14 To 39.05 %



40

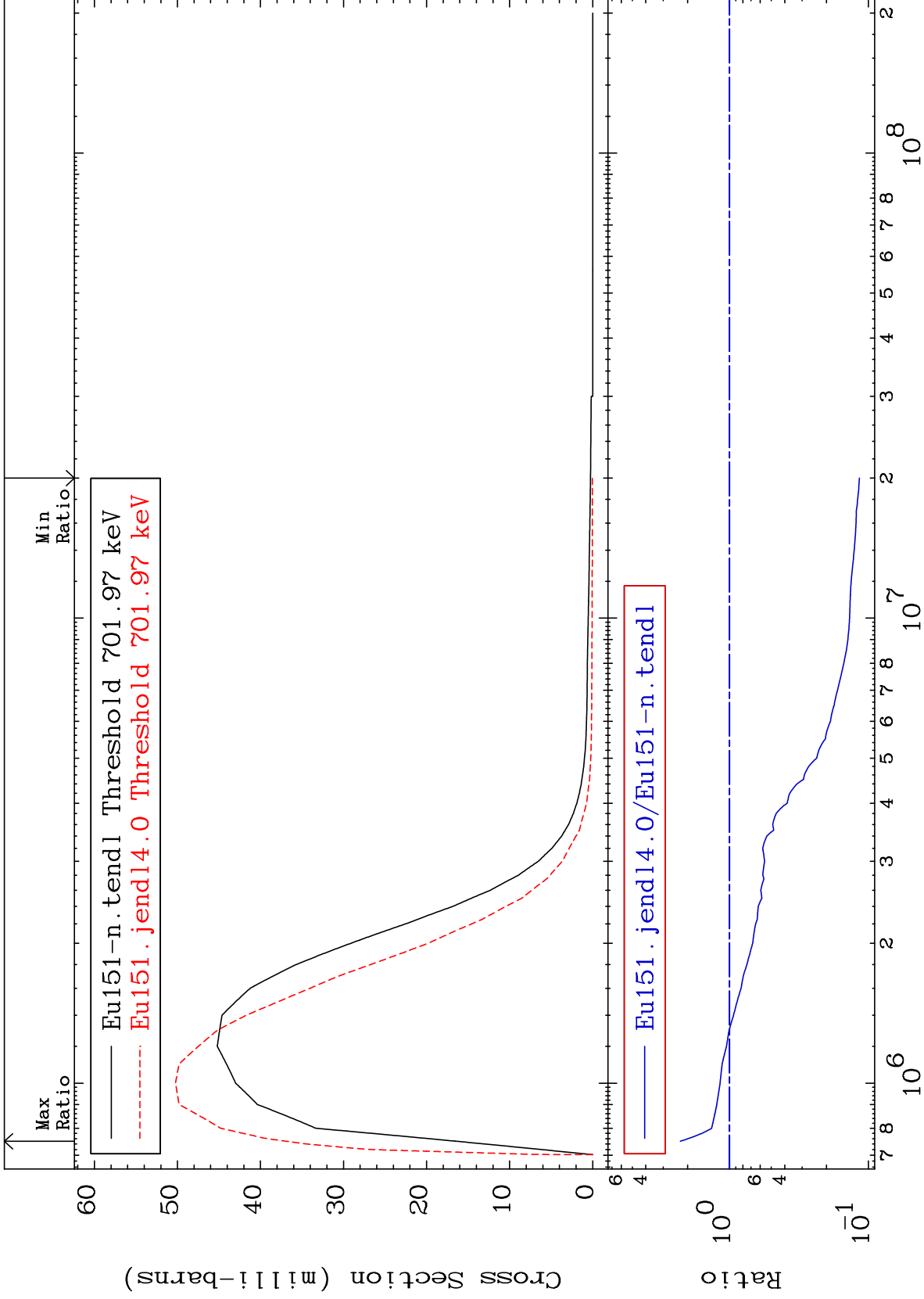
Incident Energy (eV)

63-Eu-151

MAT 6325

697.3 keV (n,n') Level
Cross Section

63-Eu-151
-88.40 To 125.6 %



41

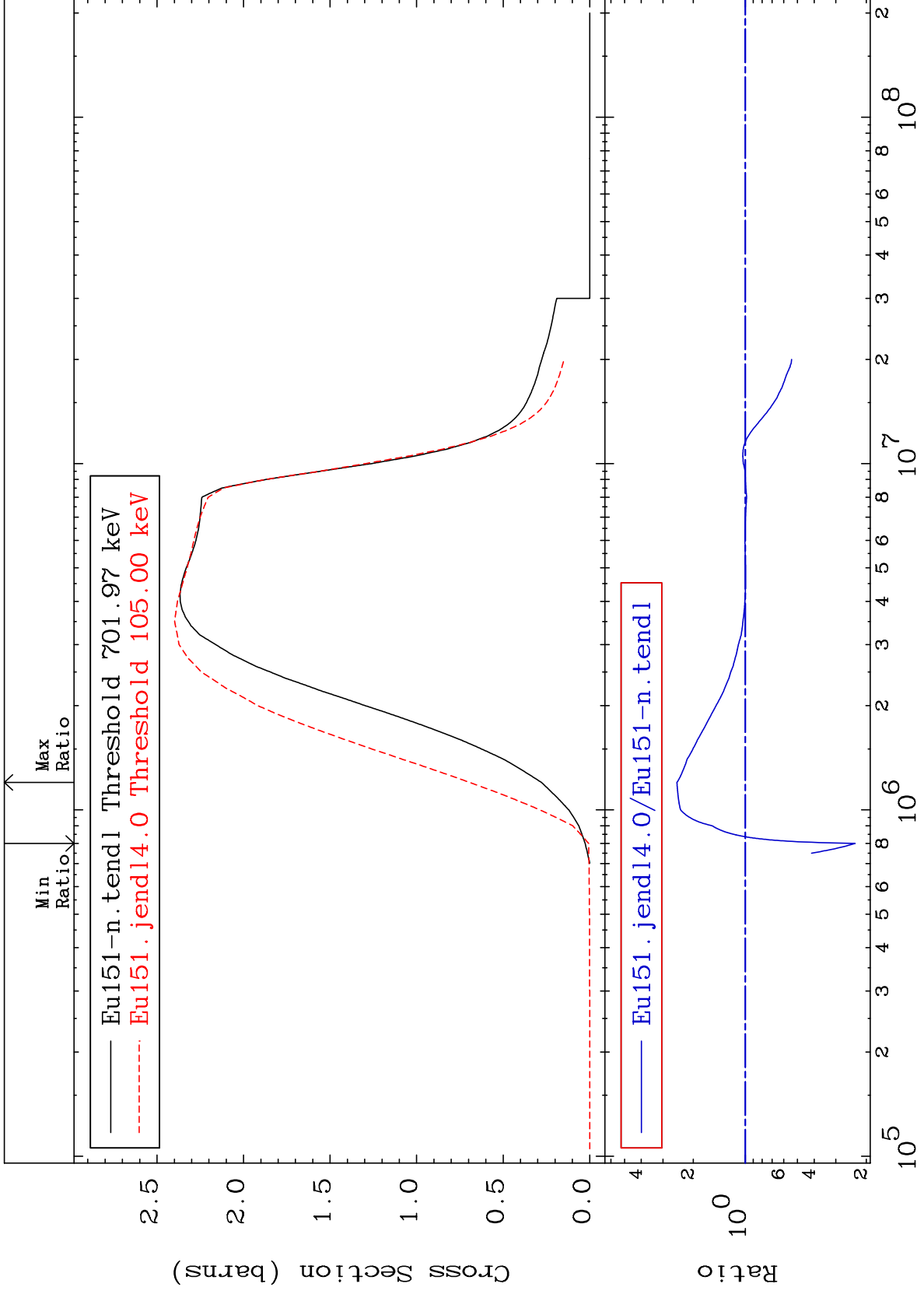
Incident Energy (eV)

63-Eu-151

MAT 6325

(n, n') Continuum
Cross Section

63-Eu-151
-76.81 To 148.9 %



42

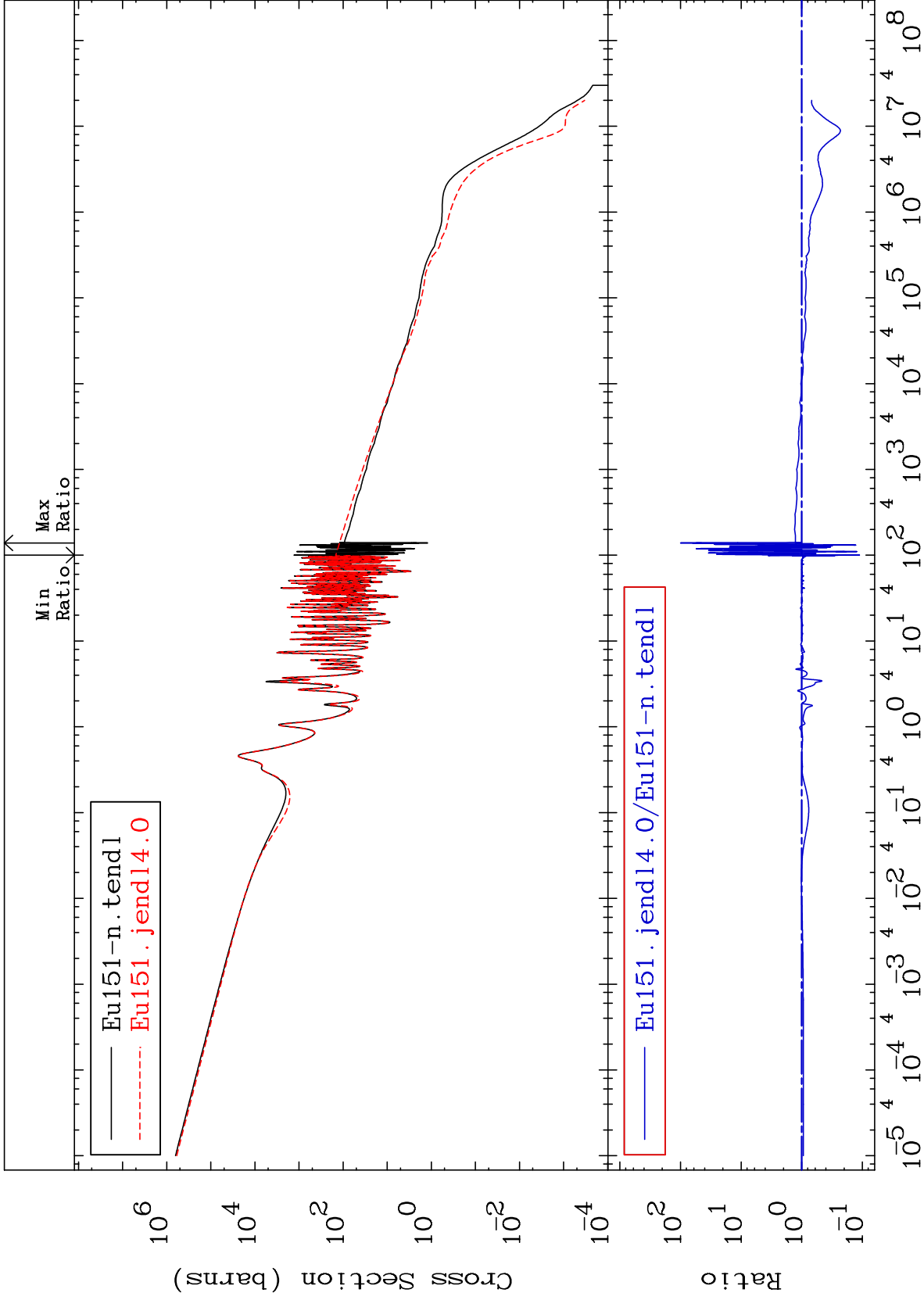
Incident Energy (eV)

63-Eu-151

MAT 6325

(n, γ)
Cross Section

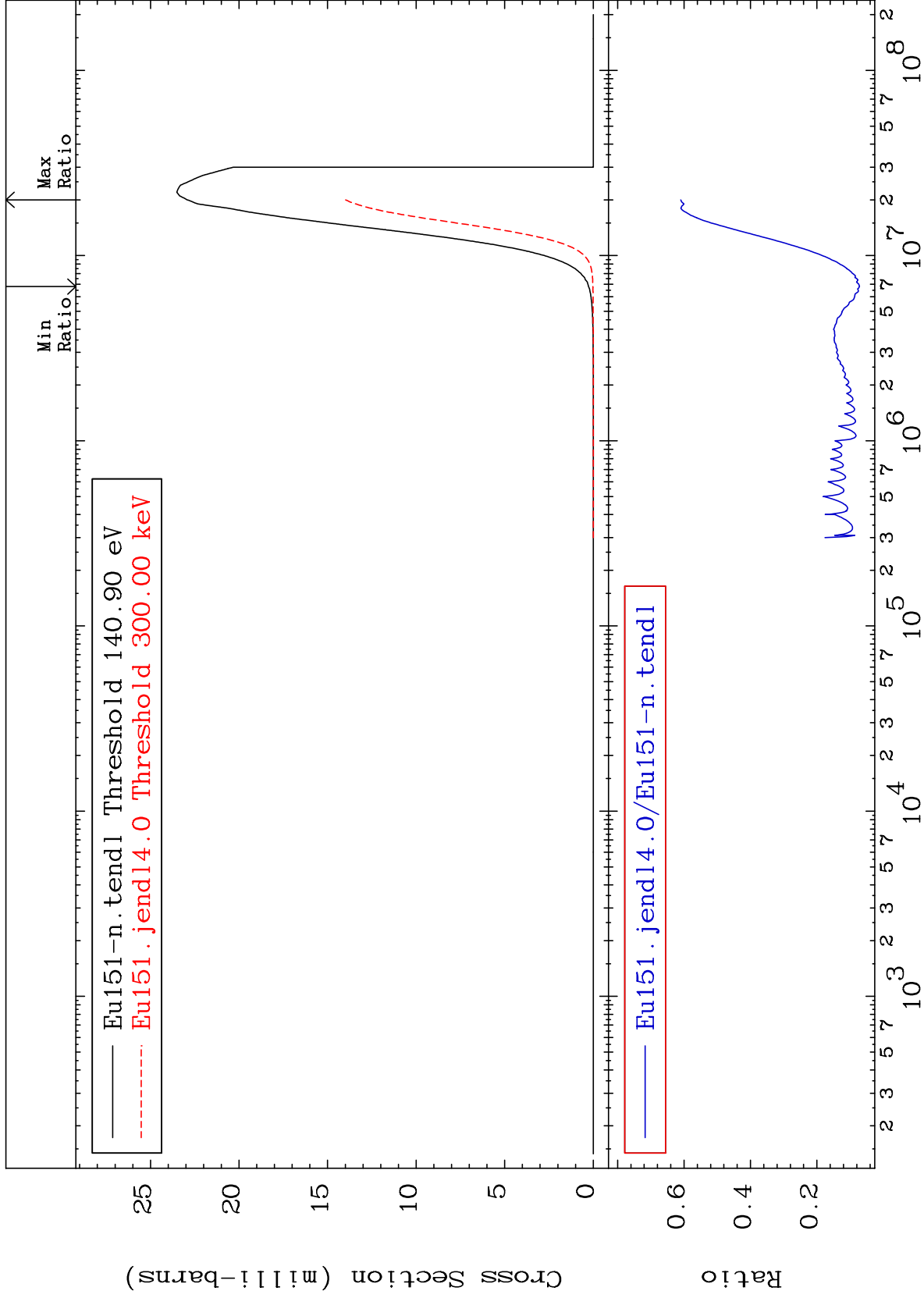
63-Eu-151
-88.82 To 9955. %



MAT 6325

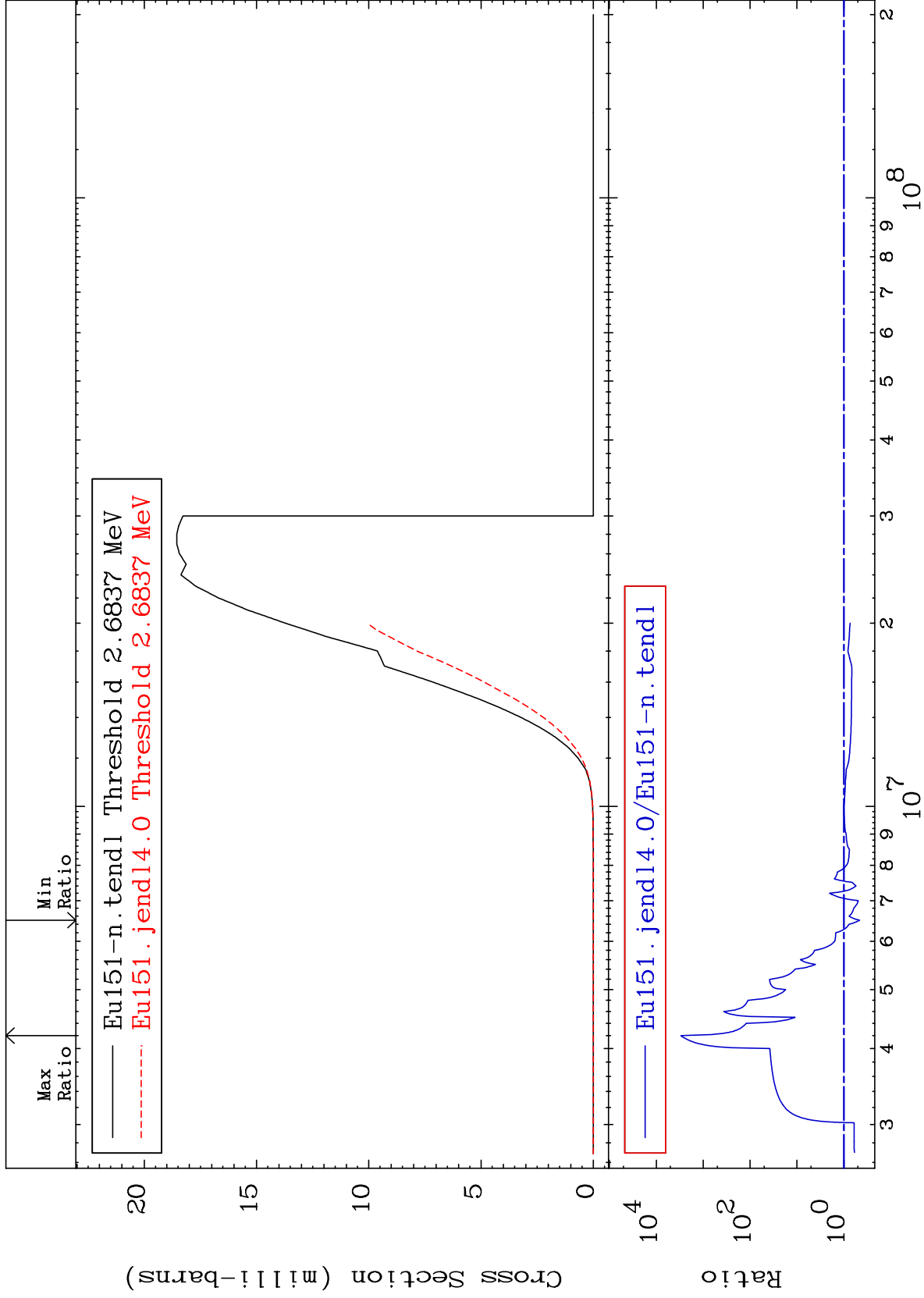
(n,p)
Cross Section

63-Eu-151
-92.83 To -39.02%



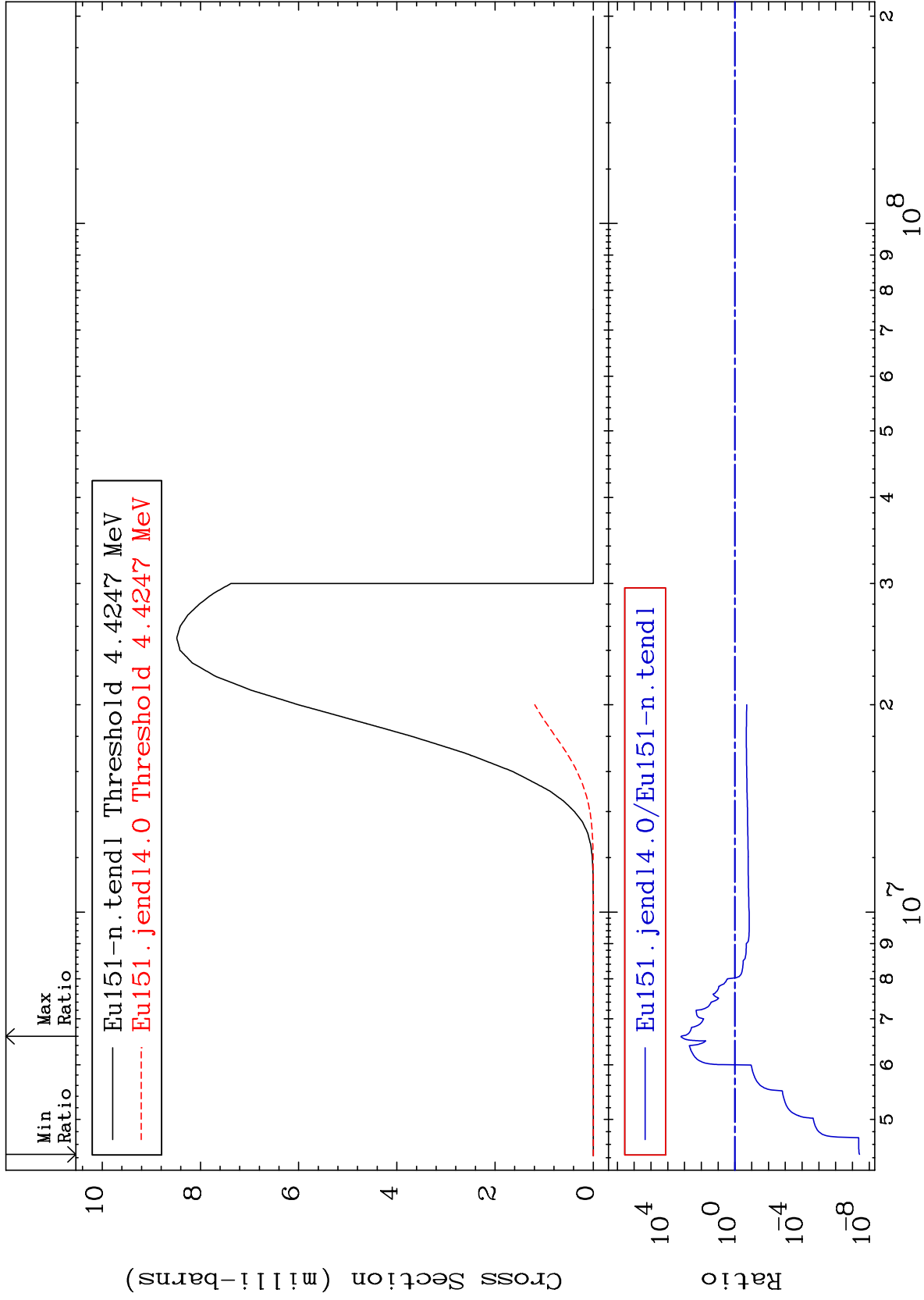
Cross Section

-53.79 To 9999. %



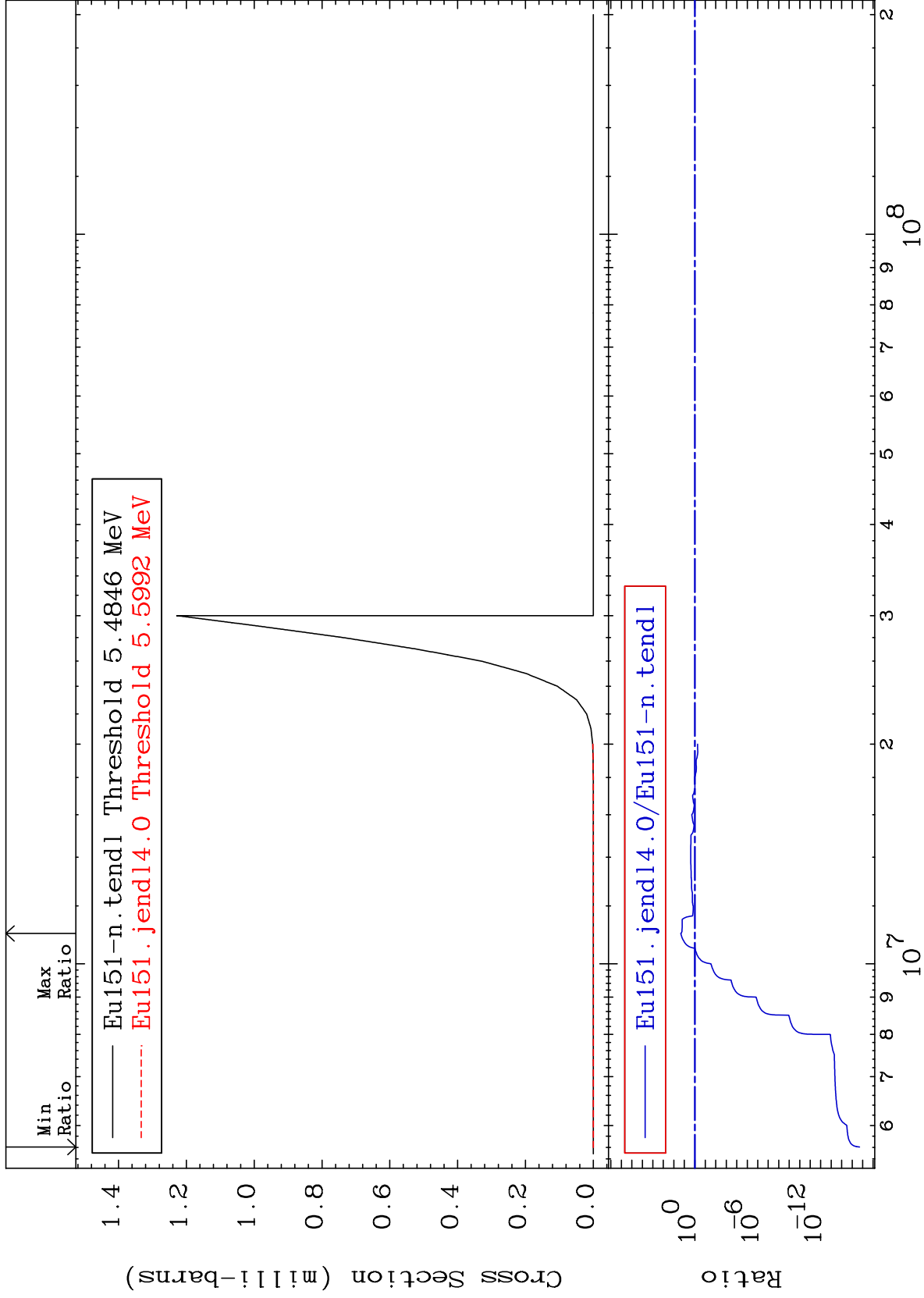
Cross Section

-100.0 To 9999. %



Cross Section

-100.0 To 2069. %



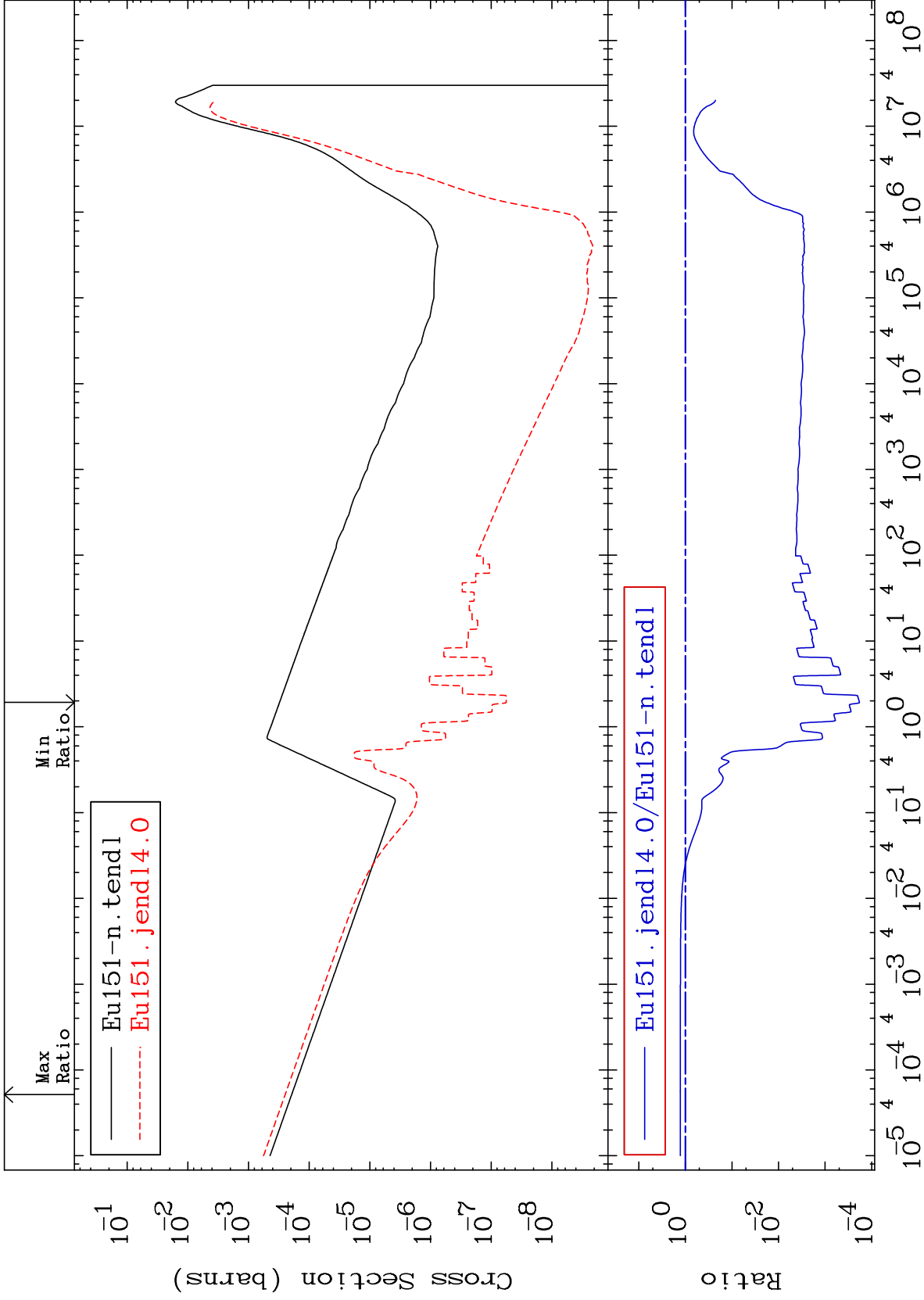
MAT 6325

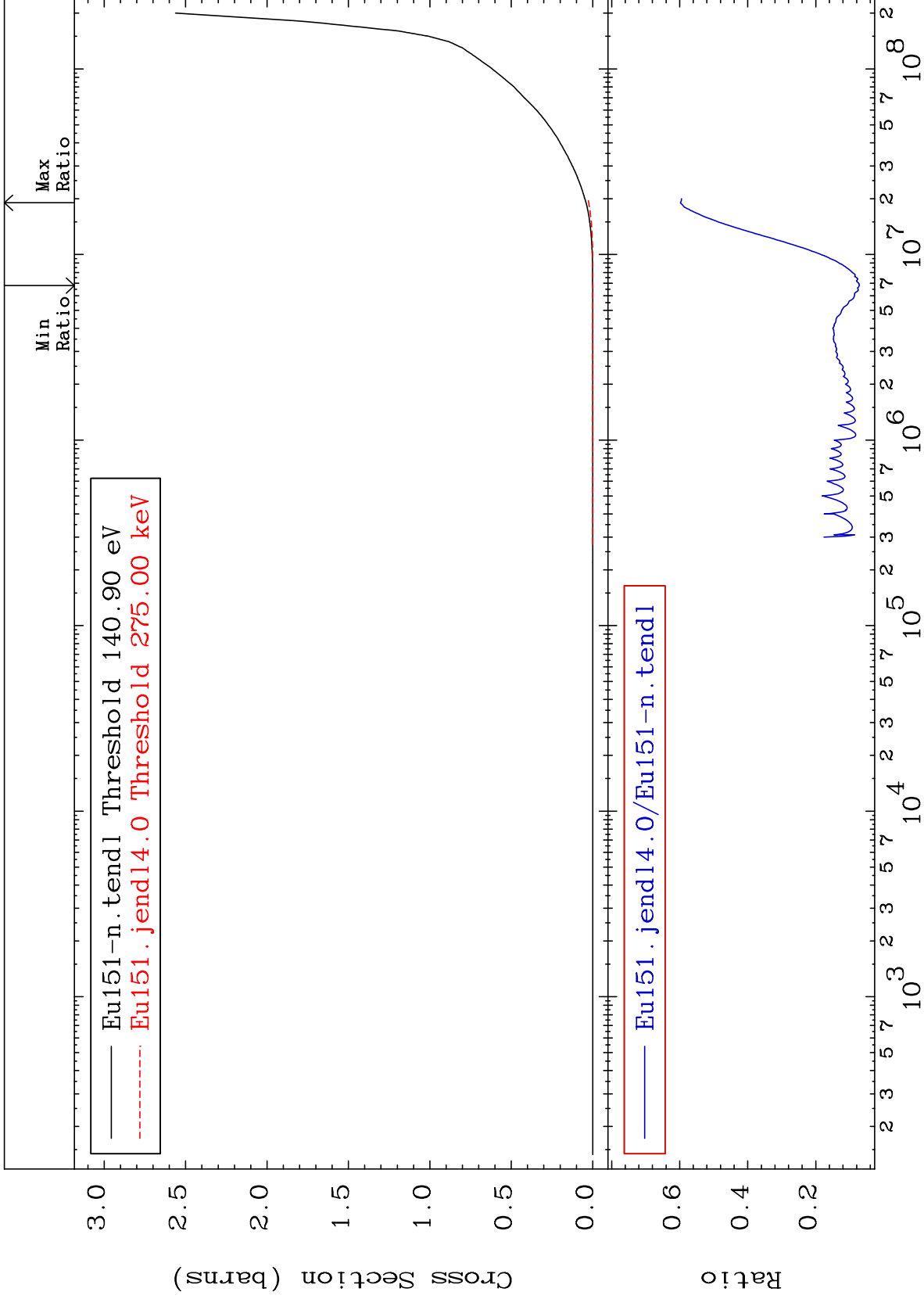
(n, α)

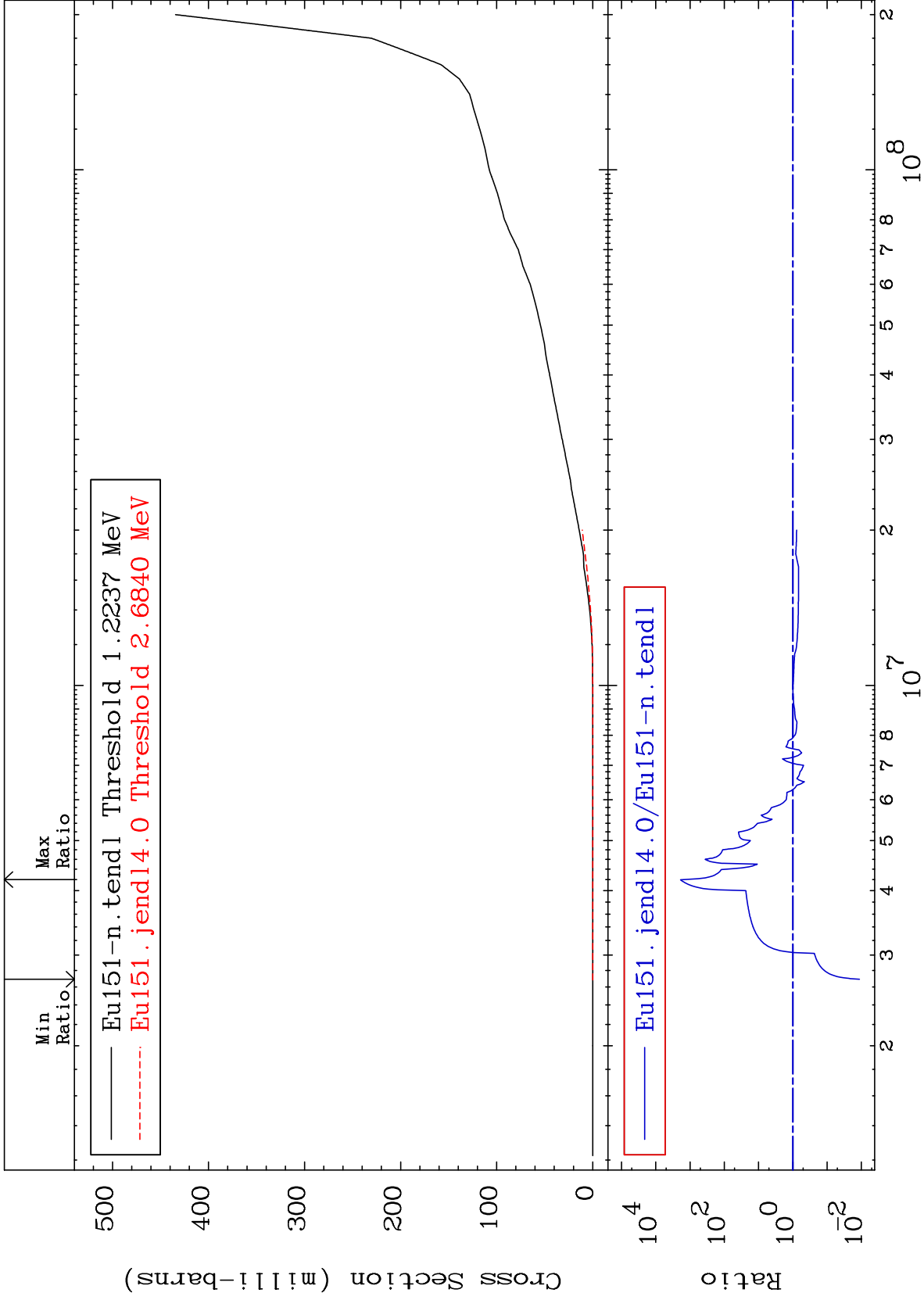
63-Eu-151

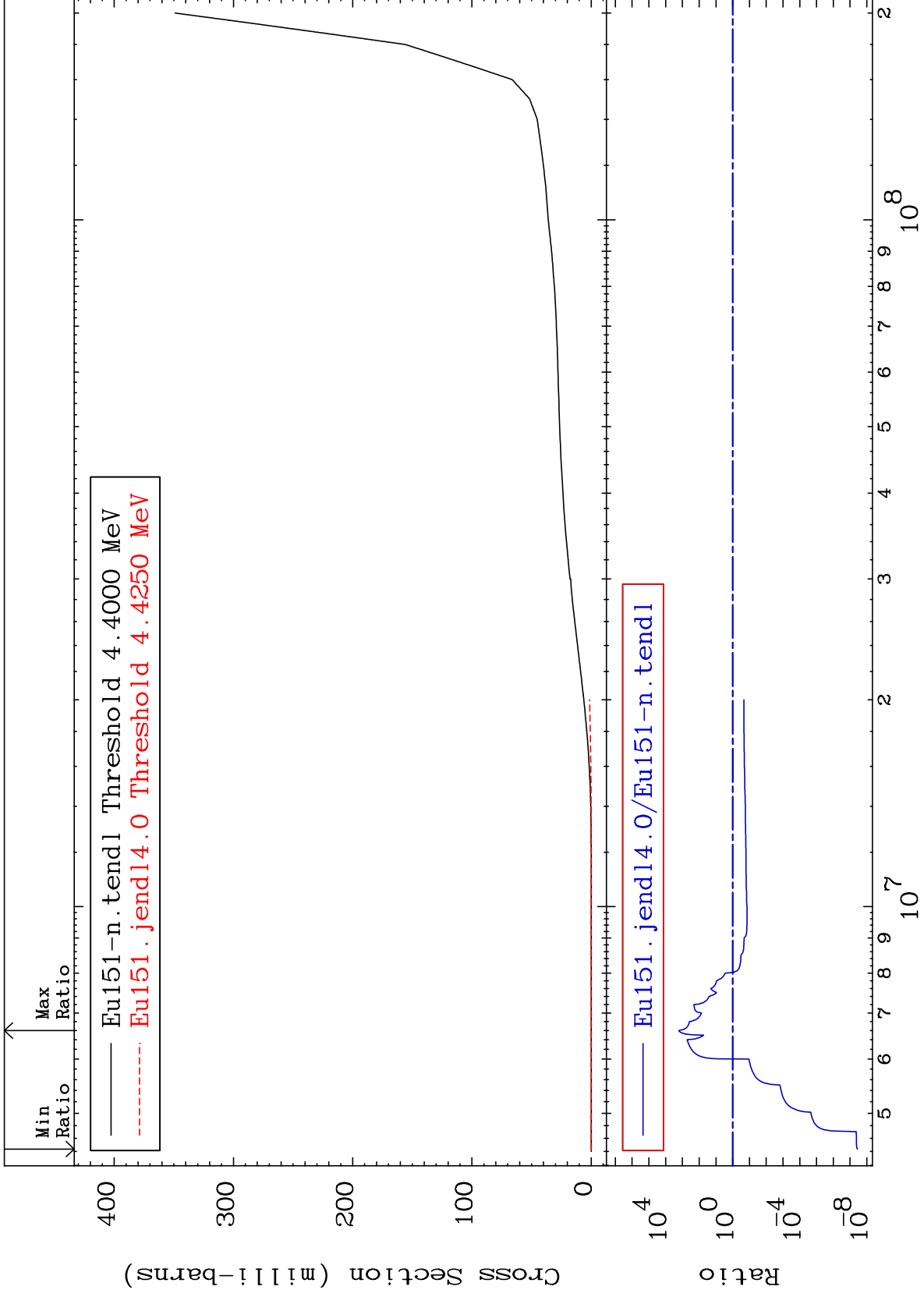
Cross Section

-99.98 To 27.97 %





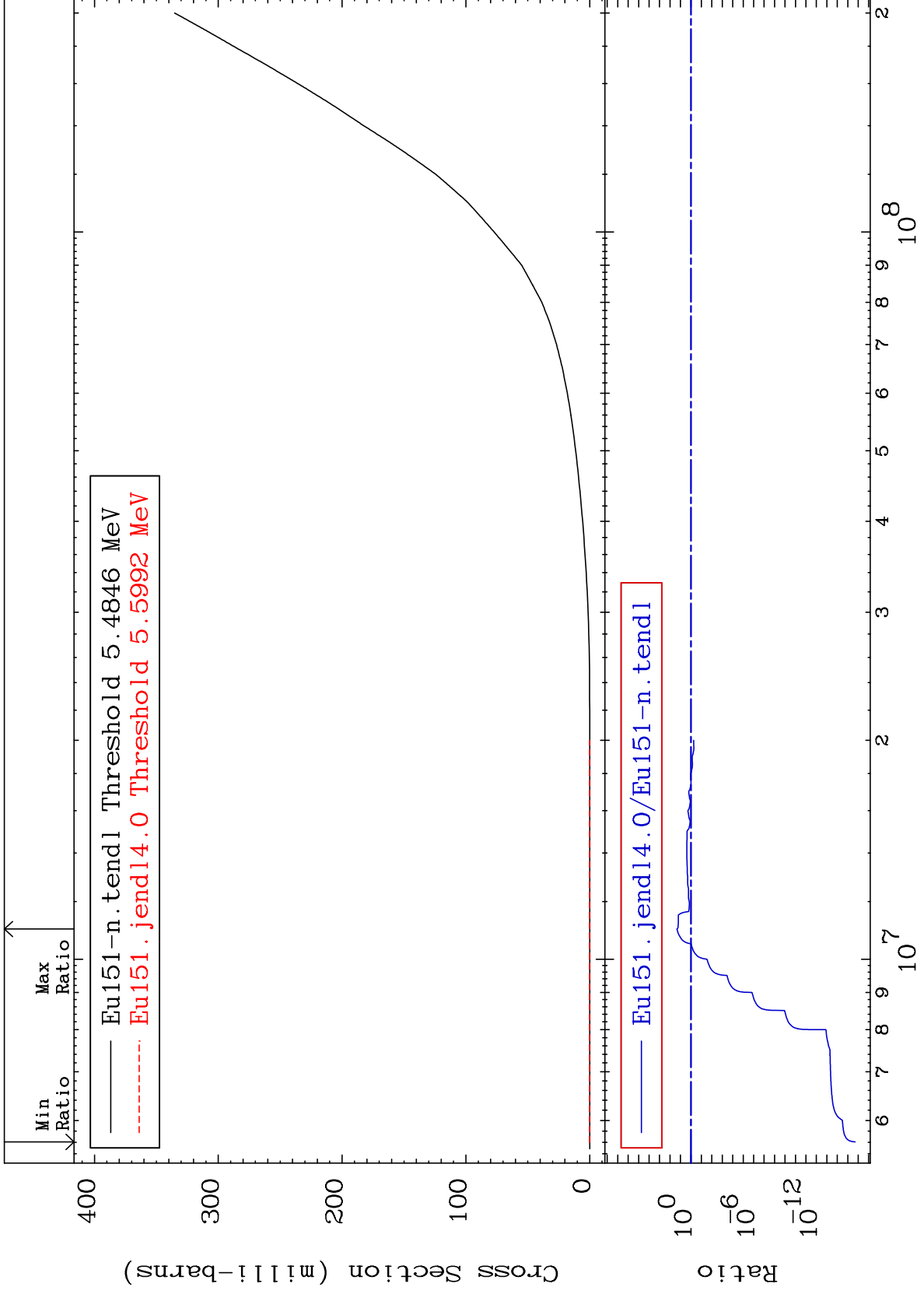




MAT 6325

He-3 Production
Cross Section

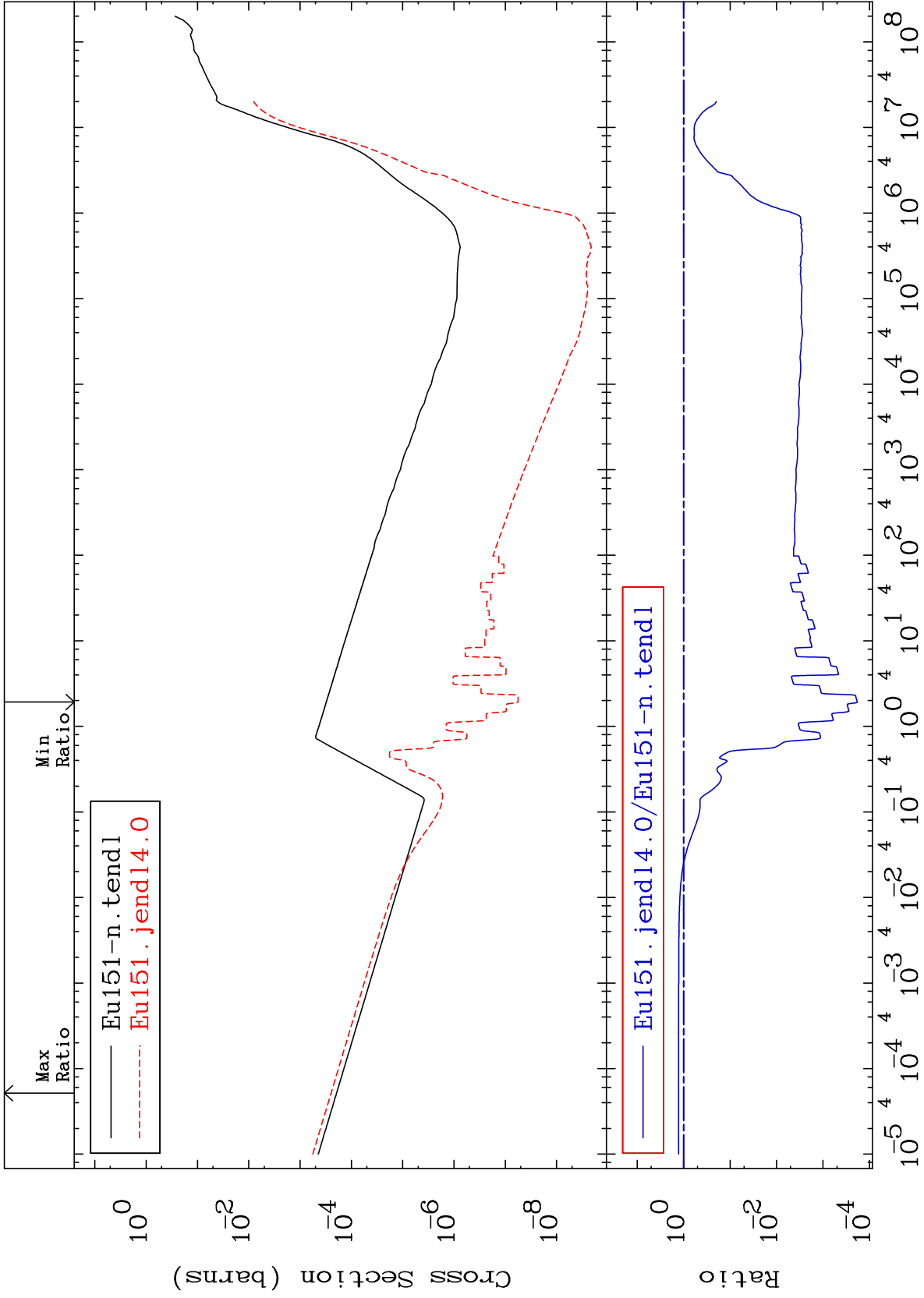
63-Eu-151
-100.0 To 2069. %

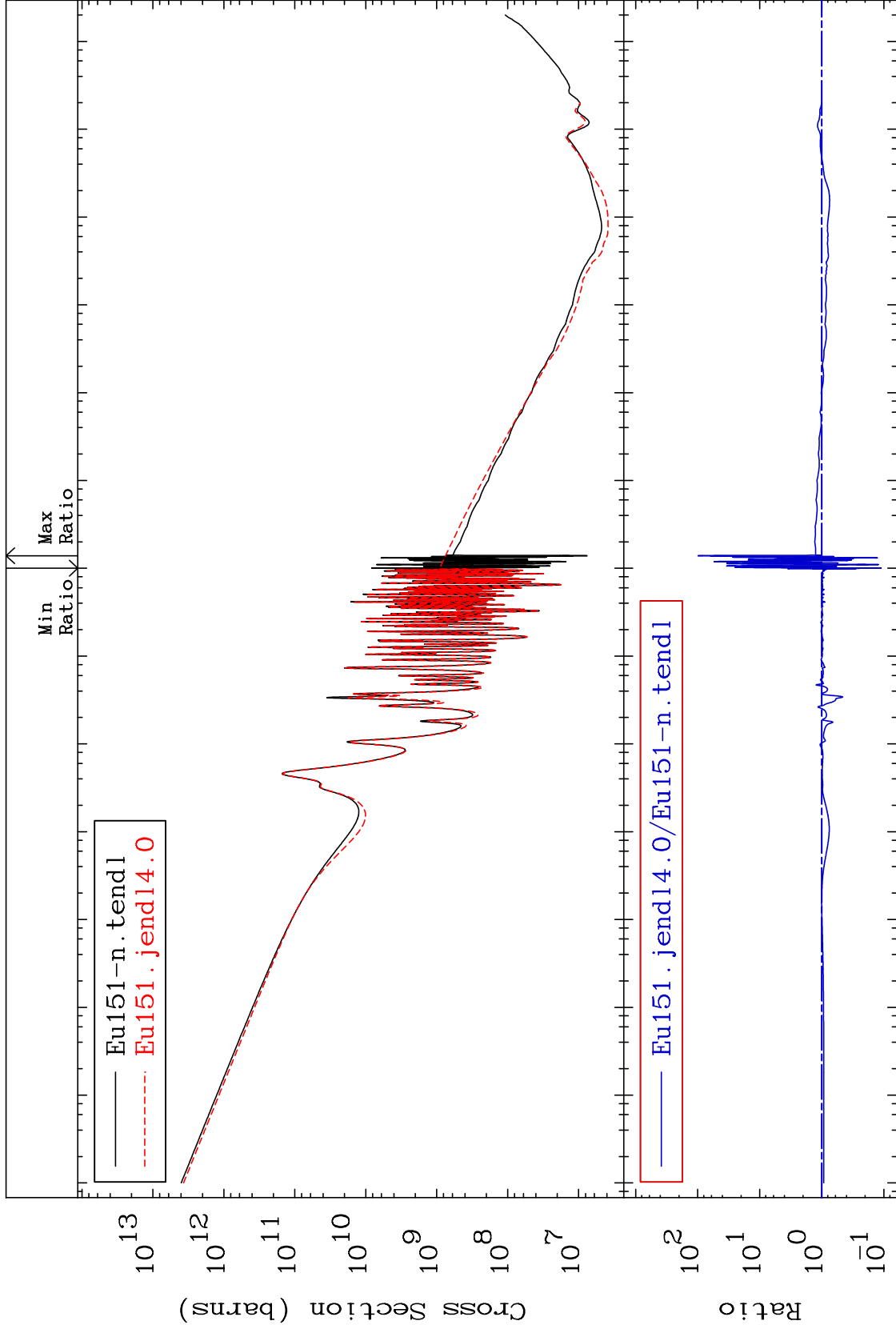


MAT 6325

He-4 Production
Cross Section

63-Eu-151
-99.98 To 27.97 %

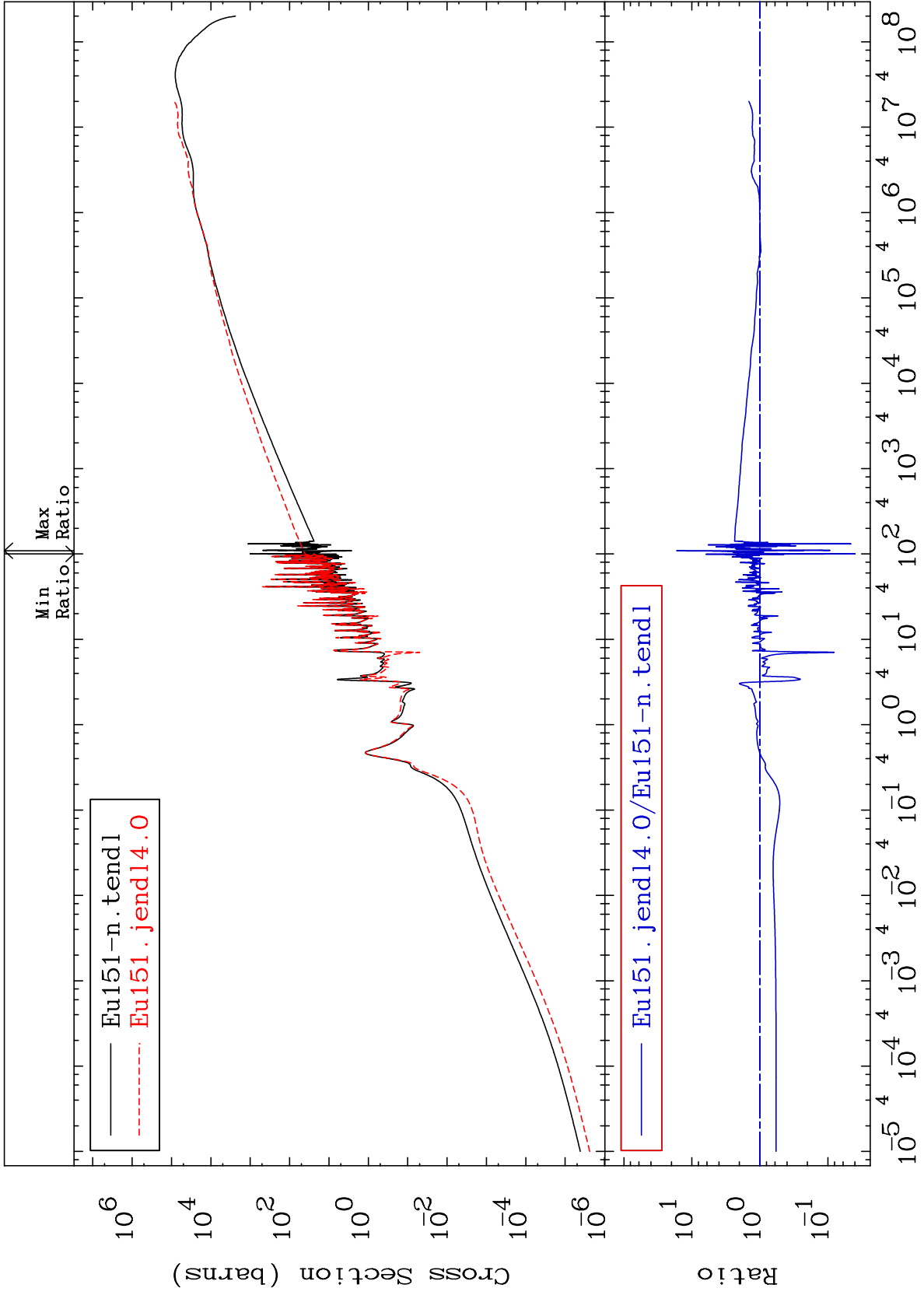


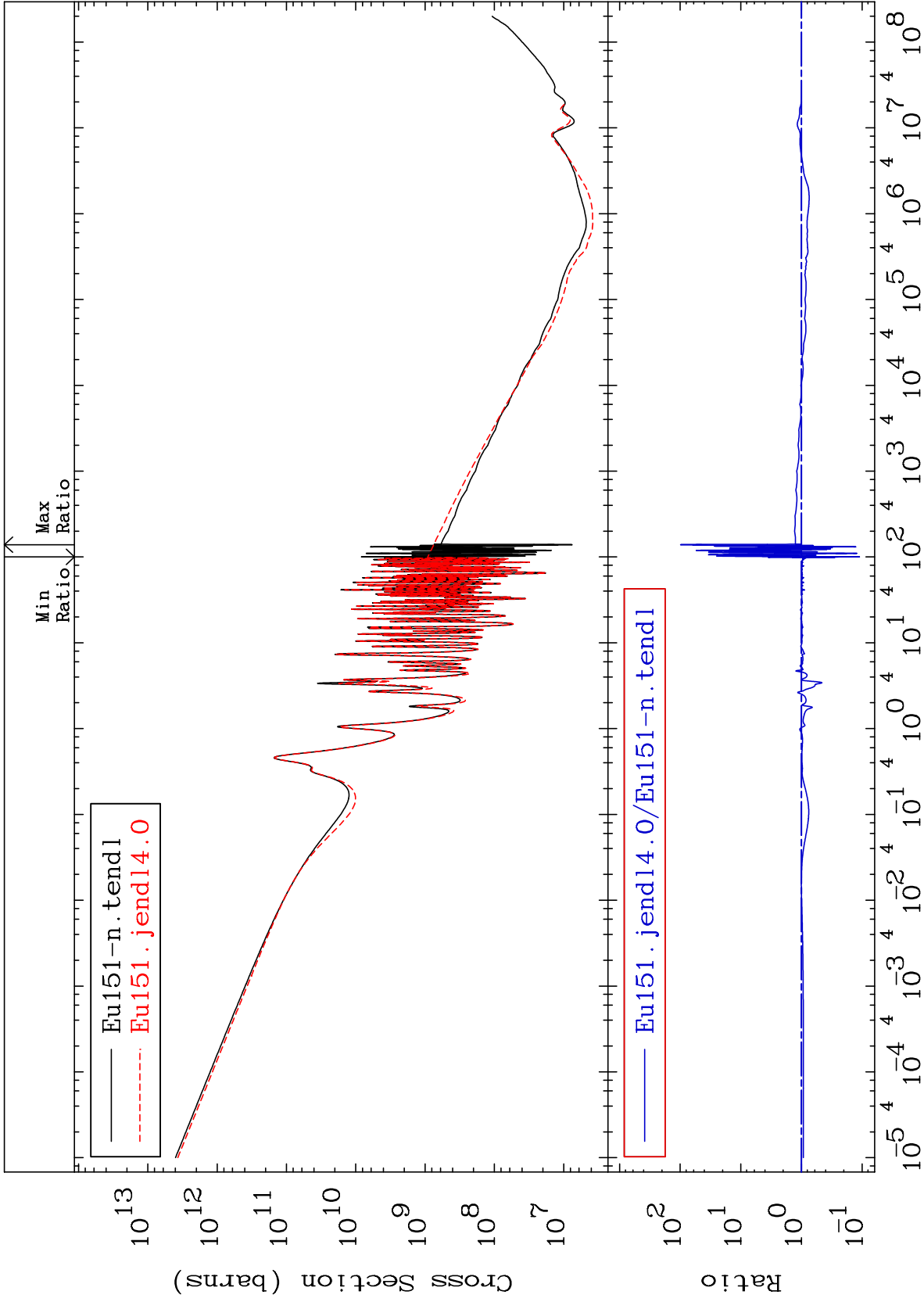


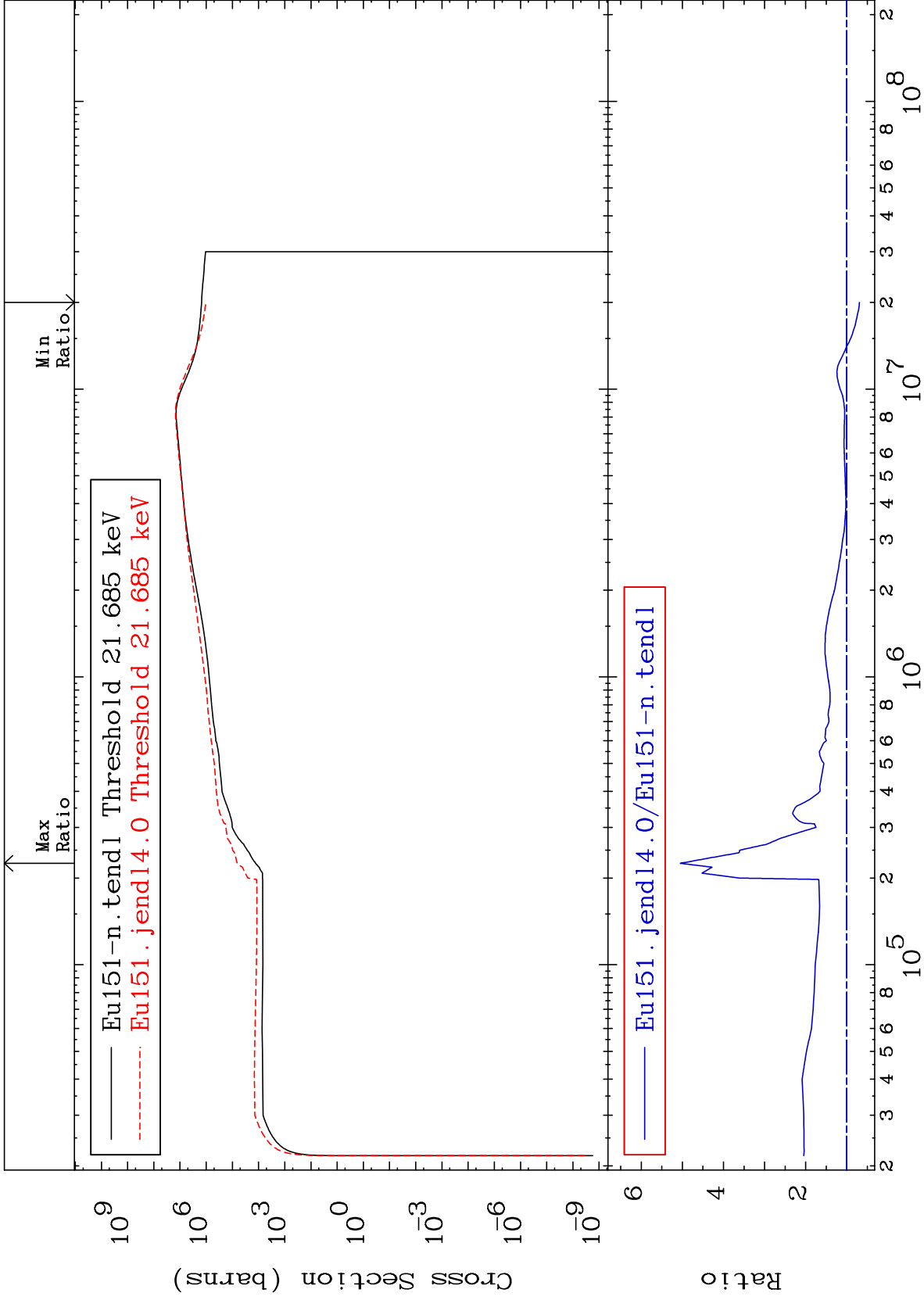
MAT 6325

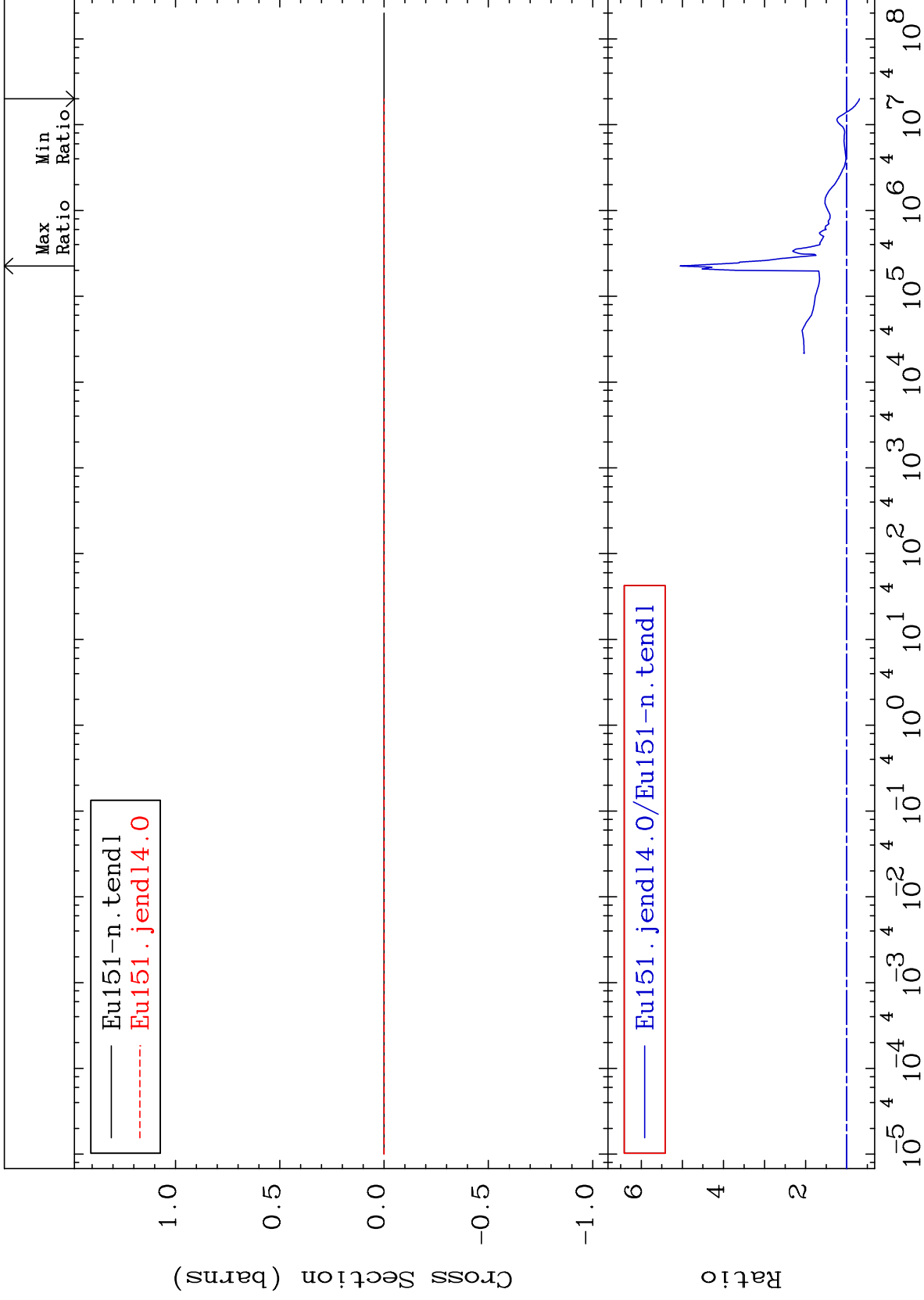
Kerma elastic
Cross Section

63-Eu-151
-96.02 To 1561. %





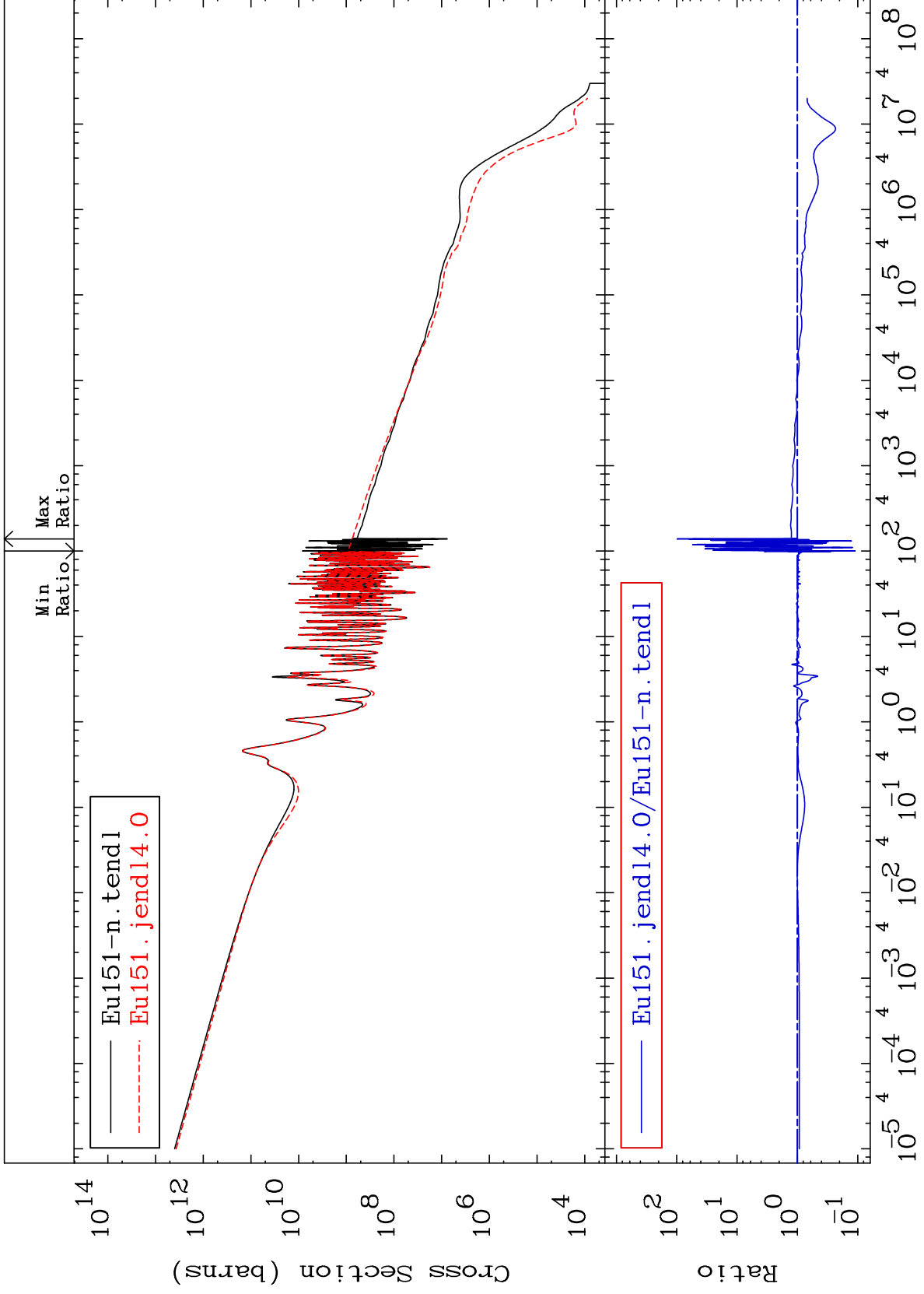




MAT 6325

Kerma capture (mt102)
Cross Section

63-Eu-151
-88.95 To 9835. %

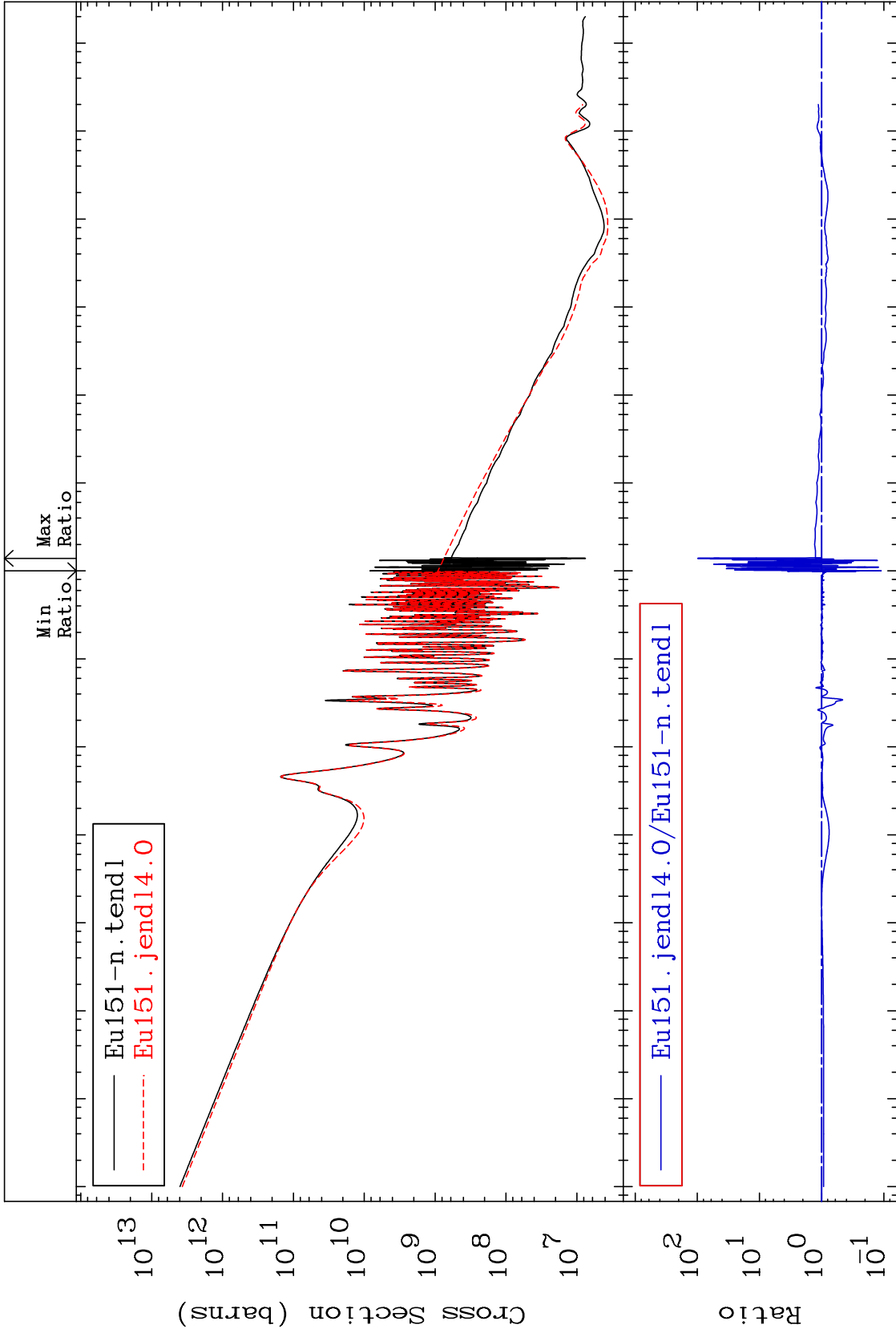


MAT 6325

Total photon (eV-barns)
Cross Section

63-Eu-151

-88.95 To 9835. %



60

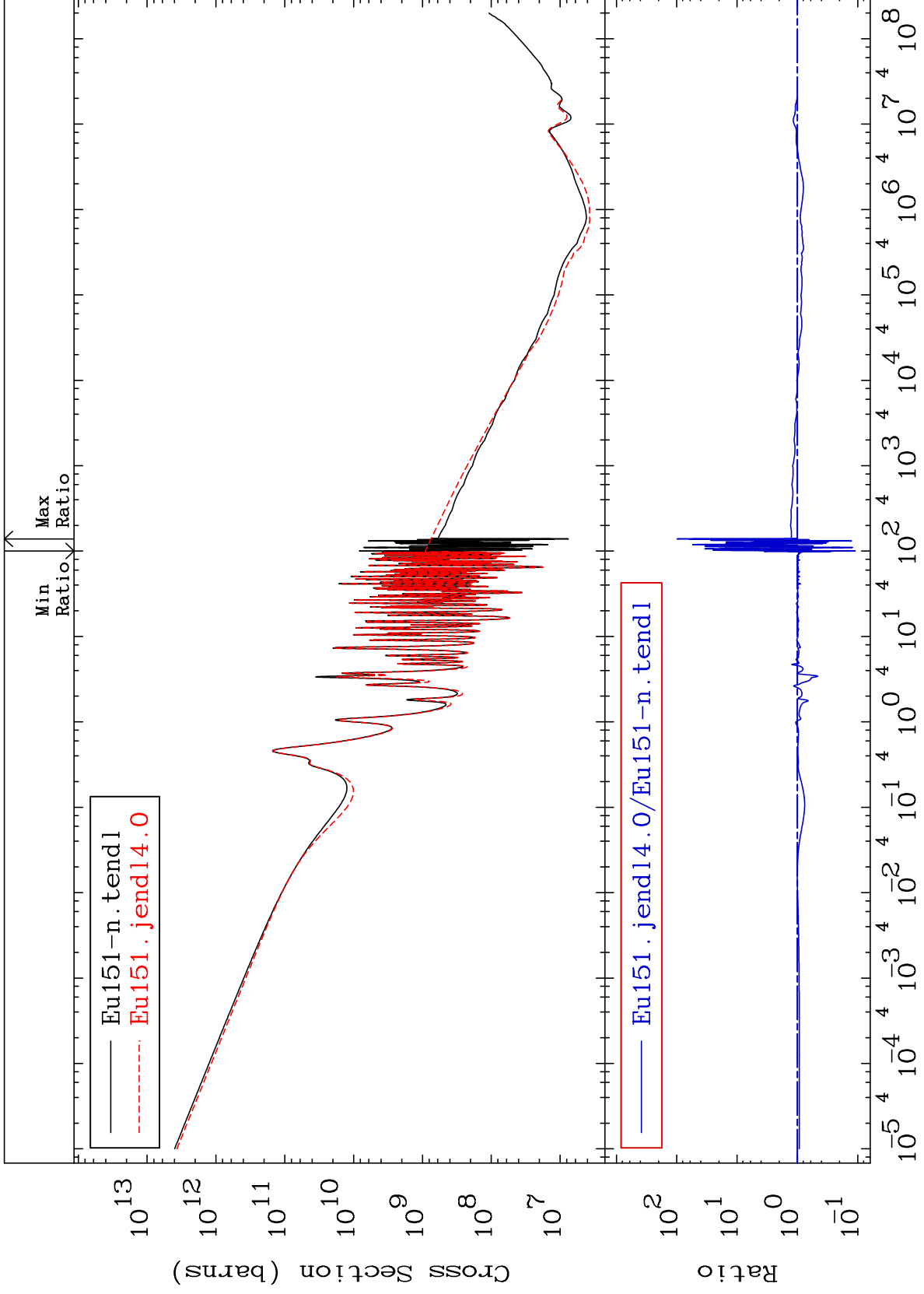
Incident Energy (eV)

63-Eu-151

MAT 6325

Total kinematic kerma (high limit)
Cross Section

63-Eu-151
-88.95 To 9835. %



61

Incident Energy (eV)

63-Eu-151

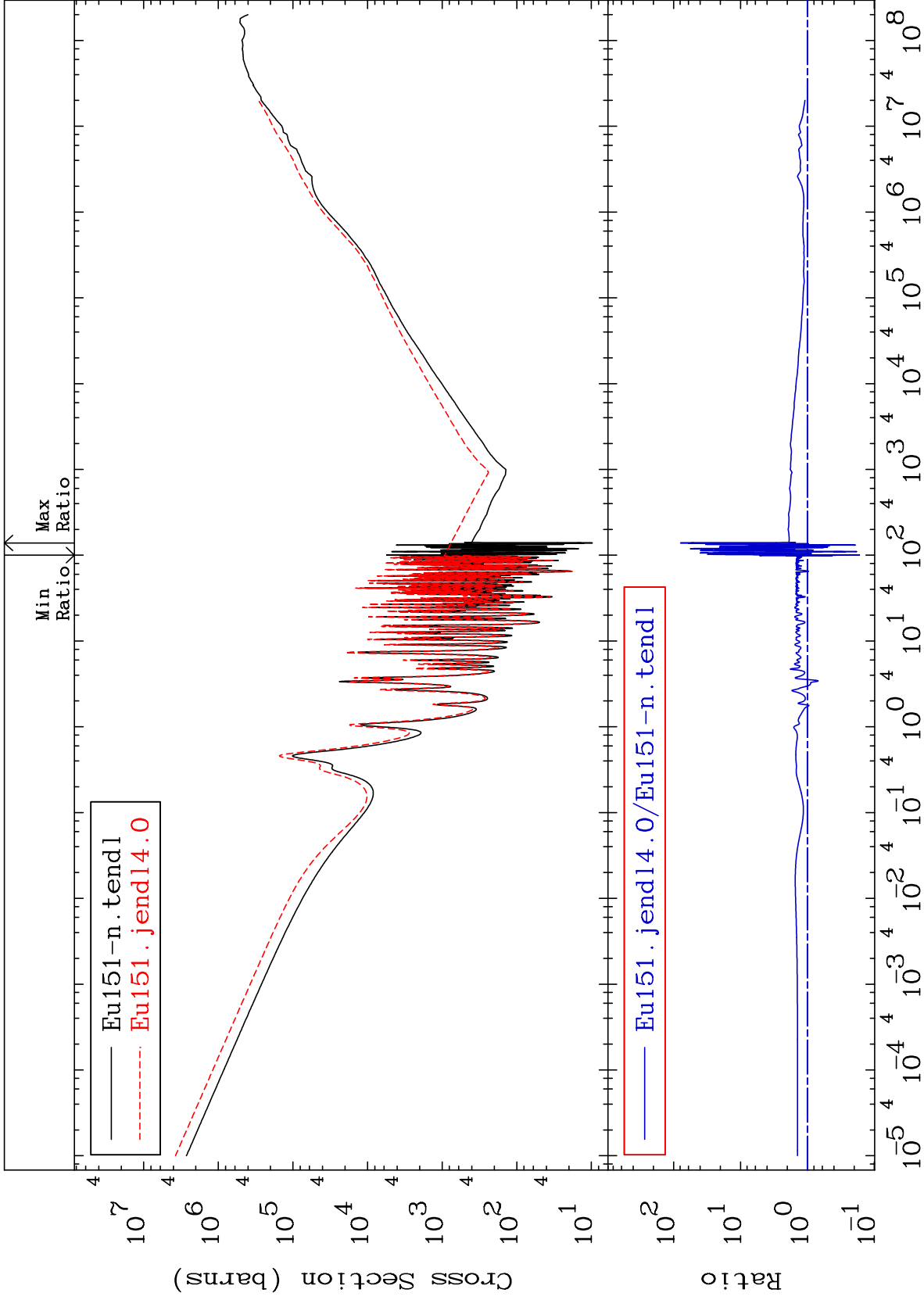
MAT 6325

Dpa total (eV-barns)

63-Eu-151

-83.31 To 7817. %

Cross Section



62

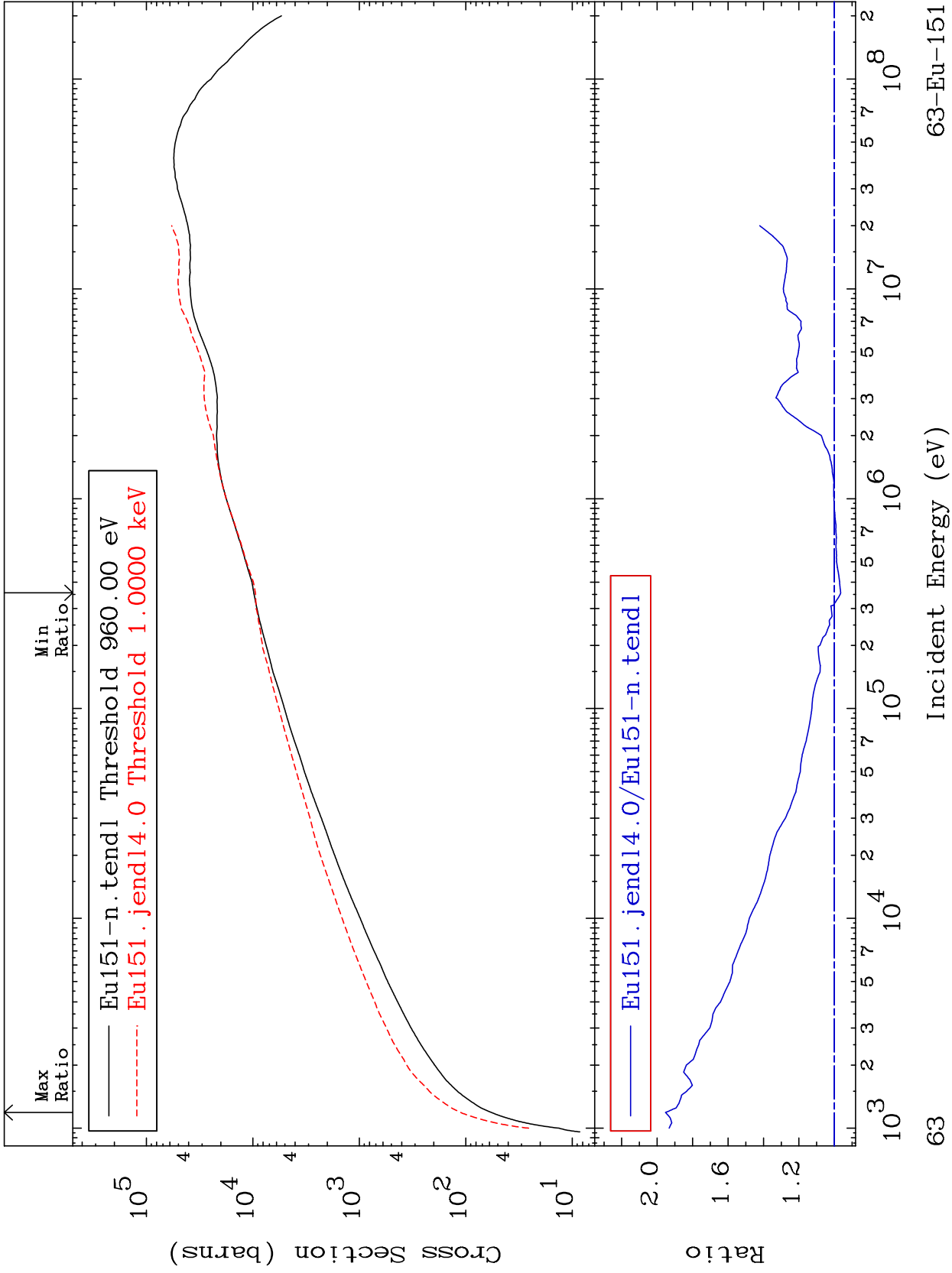
Incident Energy (eV)

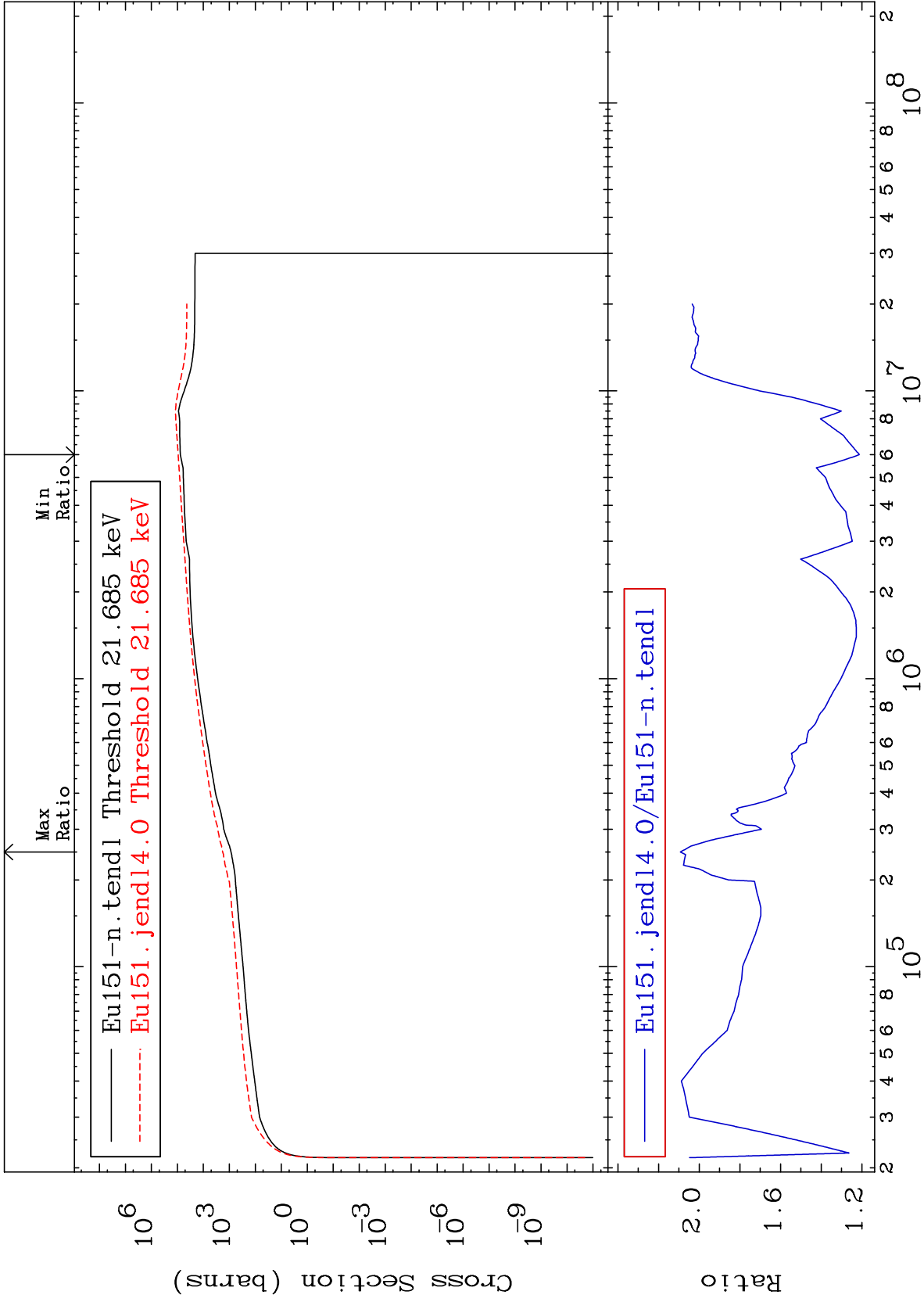
63-Eu-151

MAT 6325

Dpa elastic (mt2)
Cross Section

63-Eu-151
-3.535 To 95.28 %

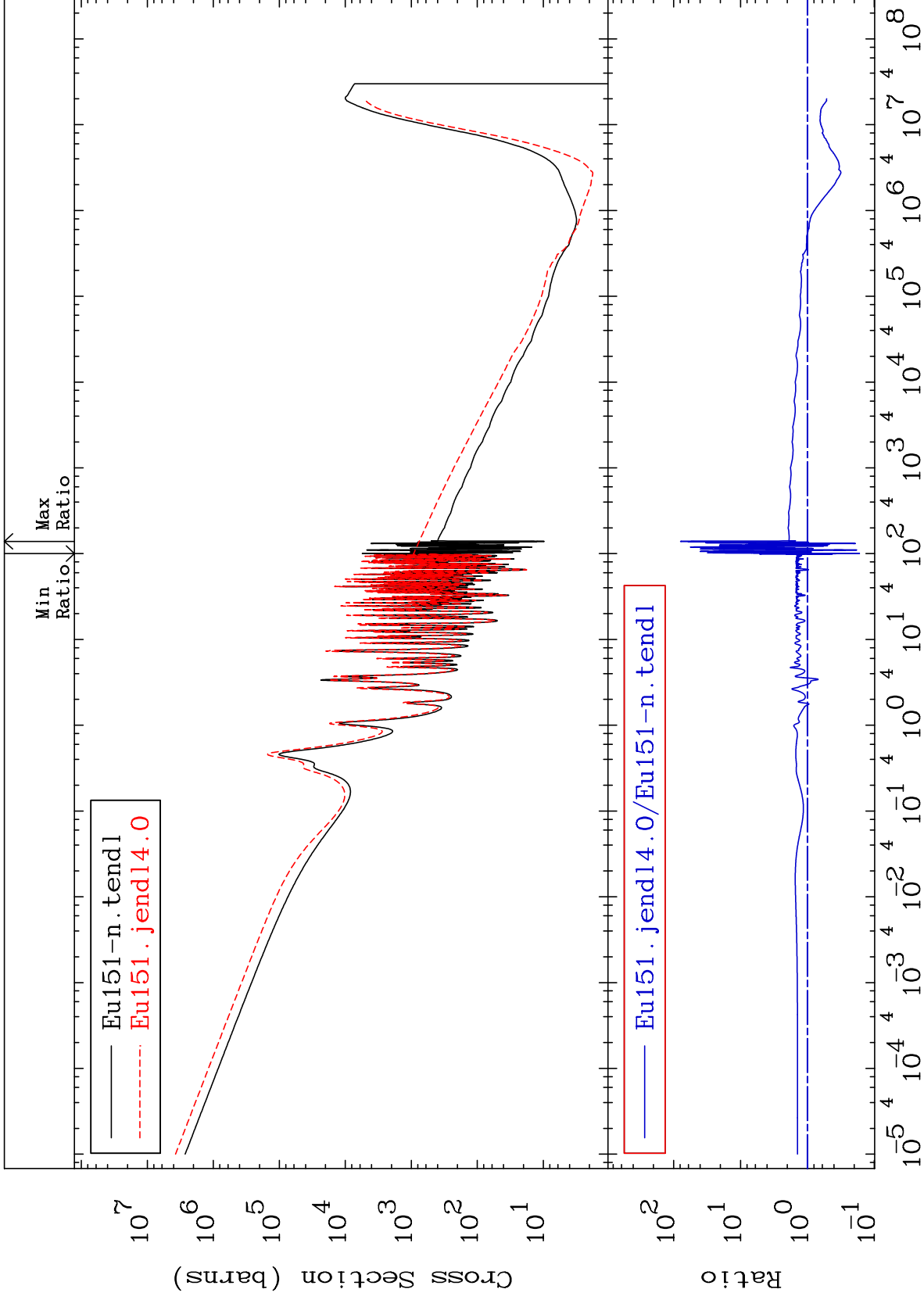




MAT 6325

Dpa disappearance (mt102 -120)
Cross Section

63-Eu-151
-83.31 To 7817. %



65

Incident Energy (eV)

63-Eu-151