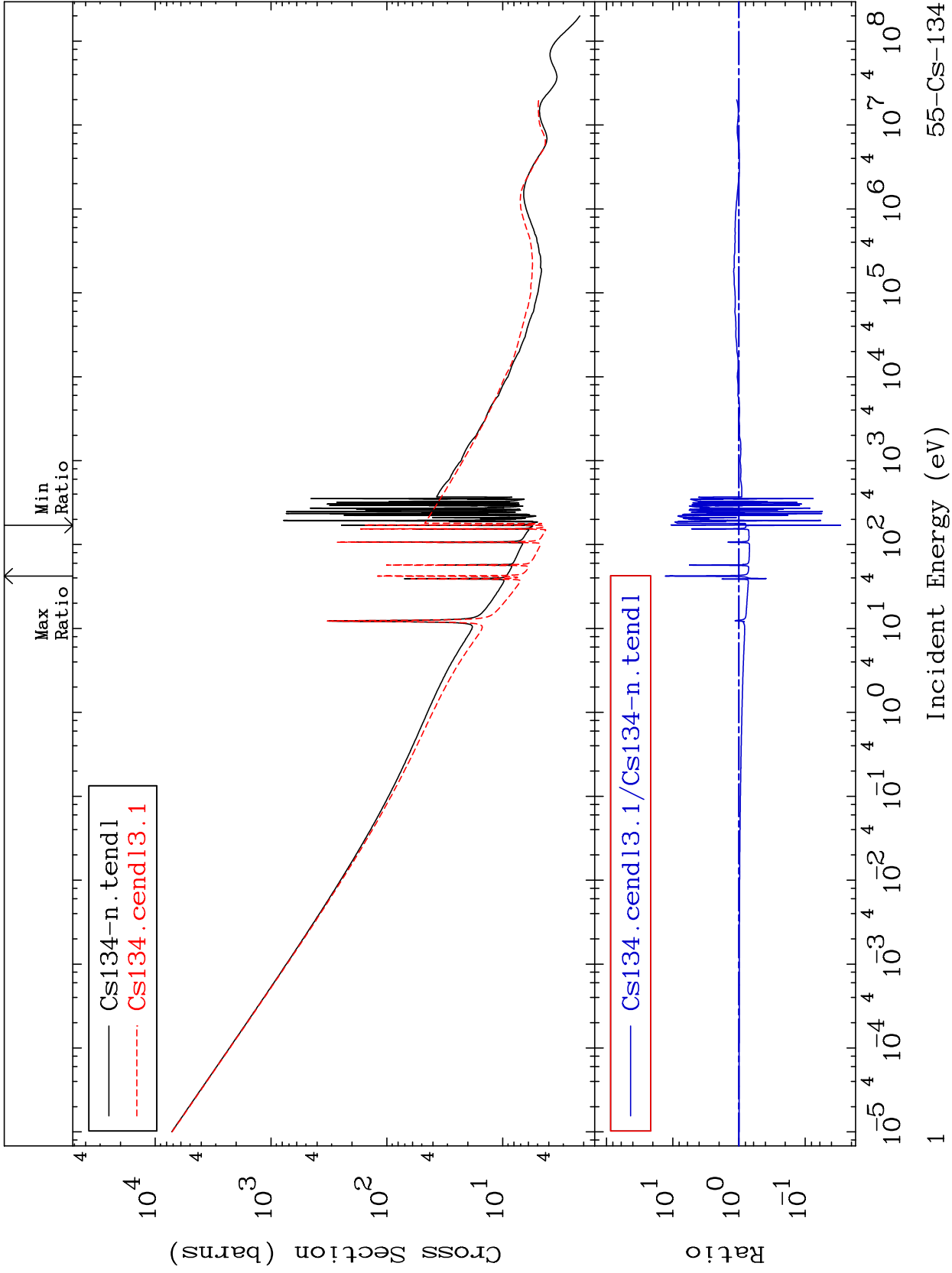


MAT 5528

Total Cross Section
55-Cs-134
-97.09 To 1185. %

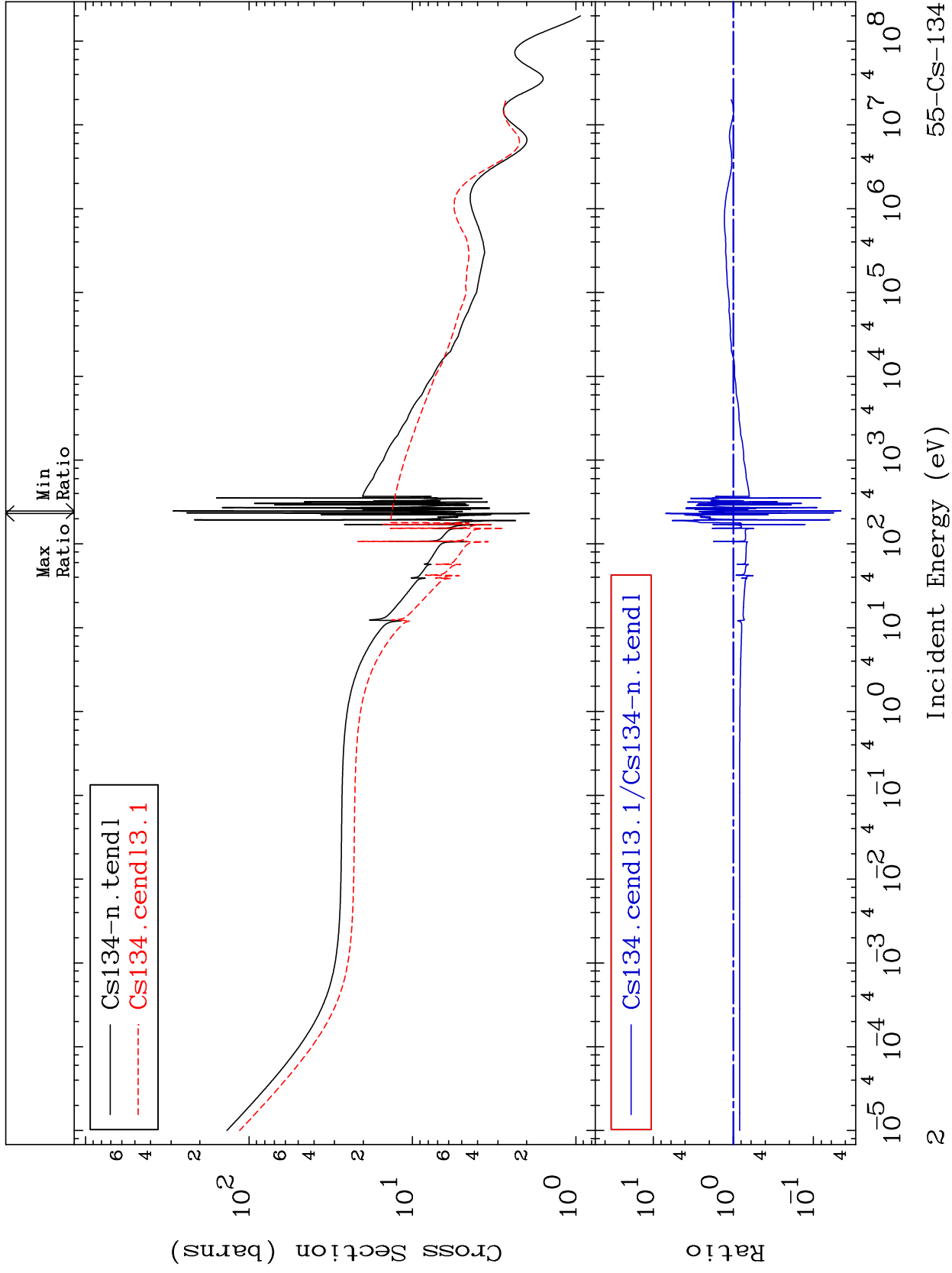


55-Cs-134

MAT 5528

Elastic
Cross Section

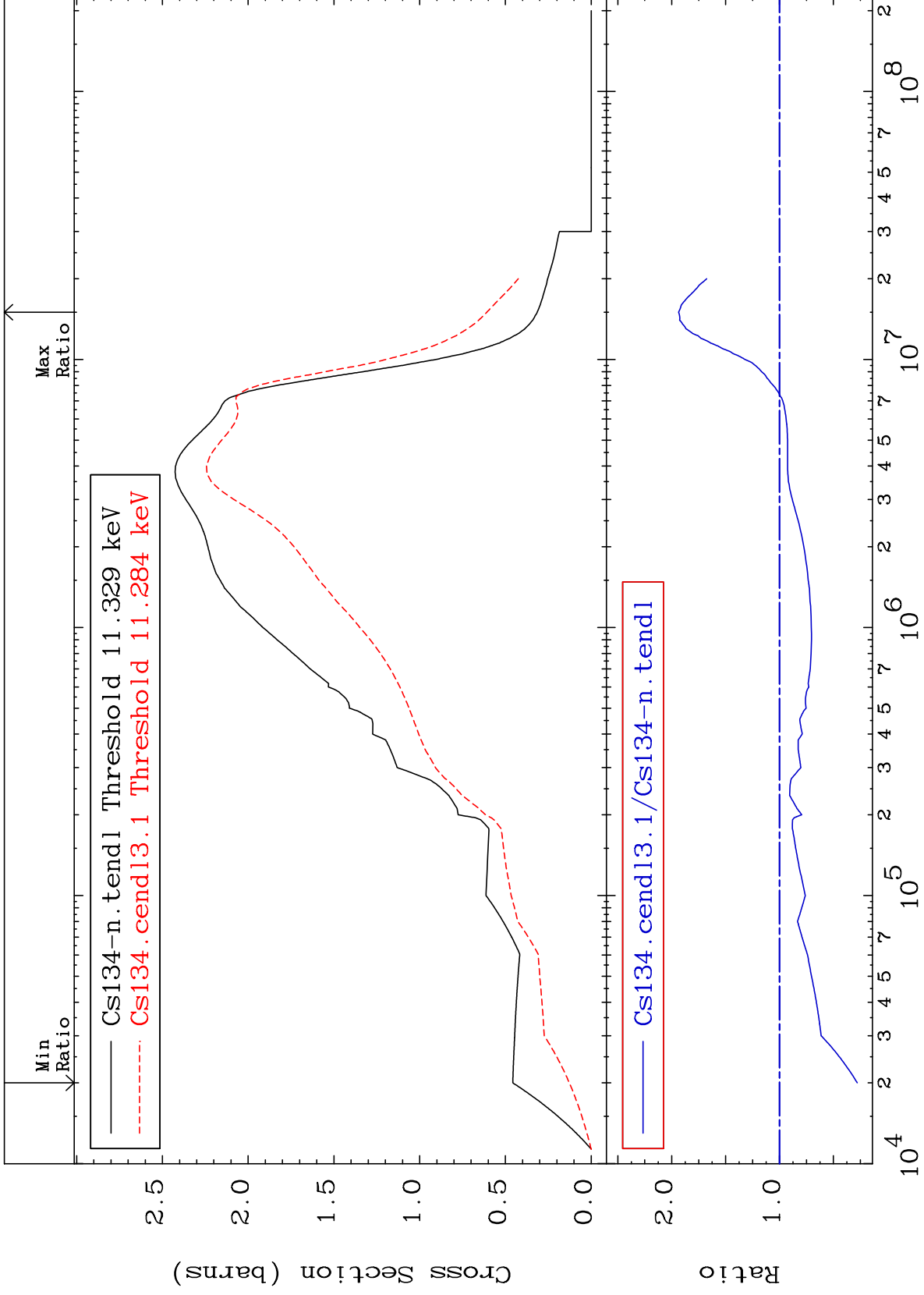
55-Cs-134
-95.45 To 594.3 %



MAT 5528

Inelastic
Cross Section

55-Cs-134
-72.10 To 93.59 %



55-Cs-134

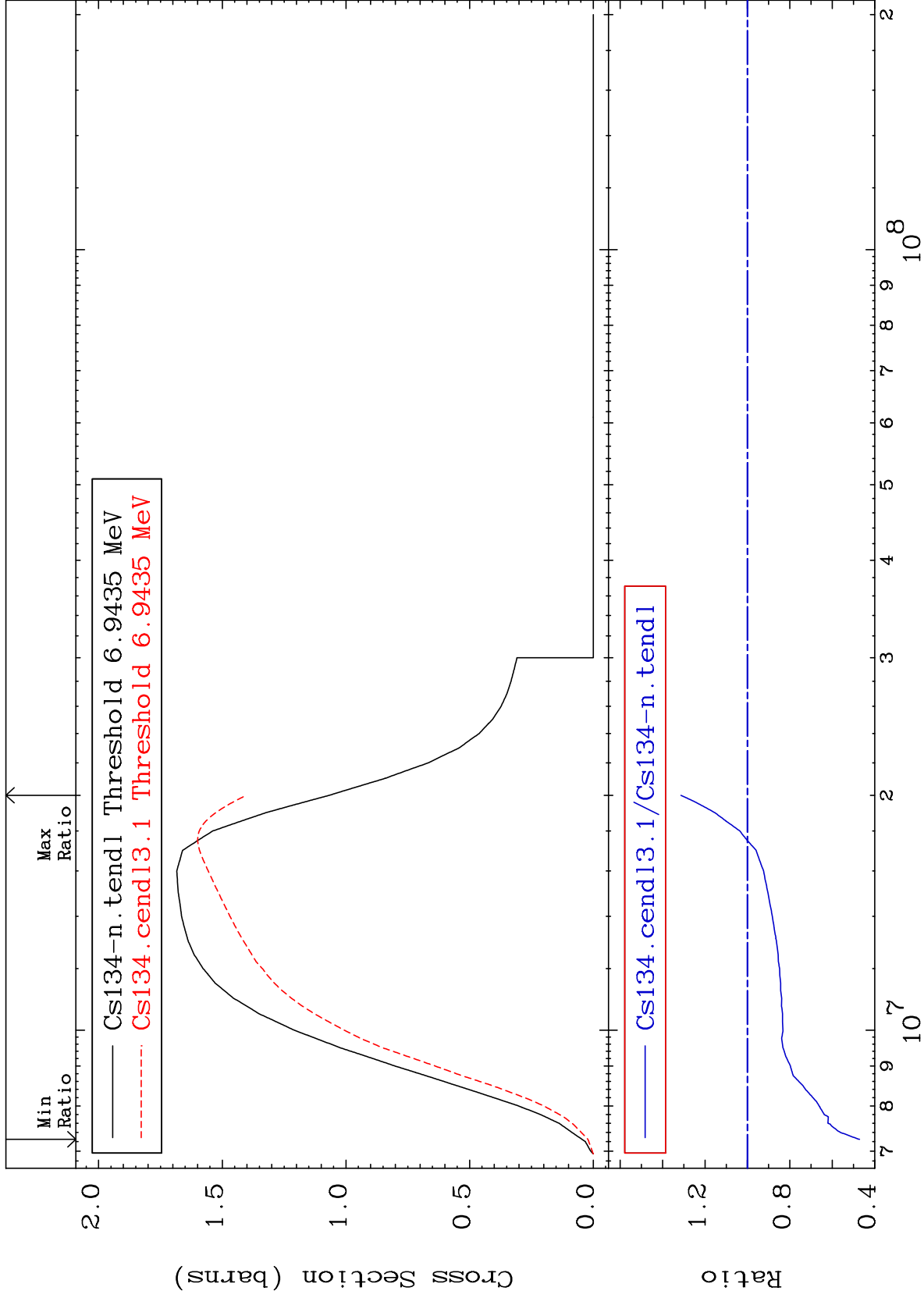
MAT 5528

(n,2n)

55-Cs-134

Cross Section

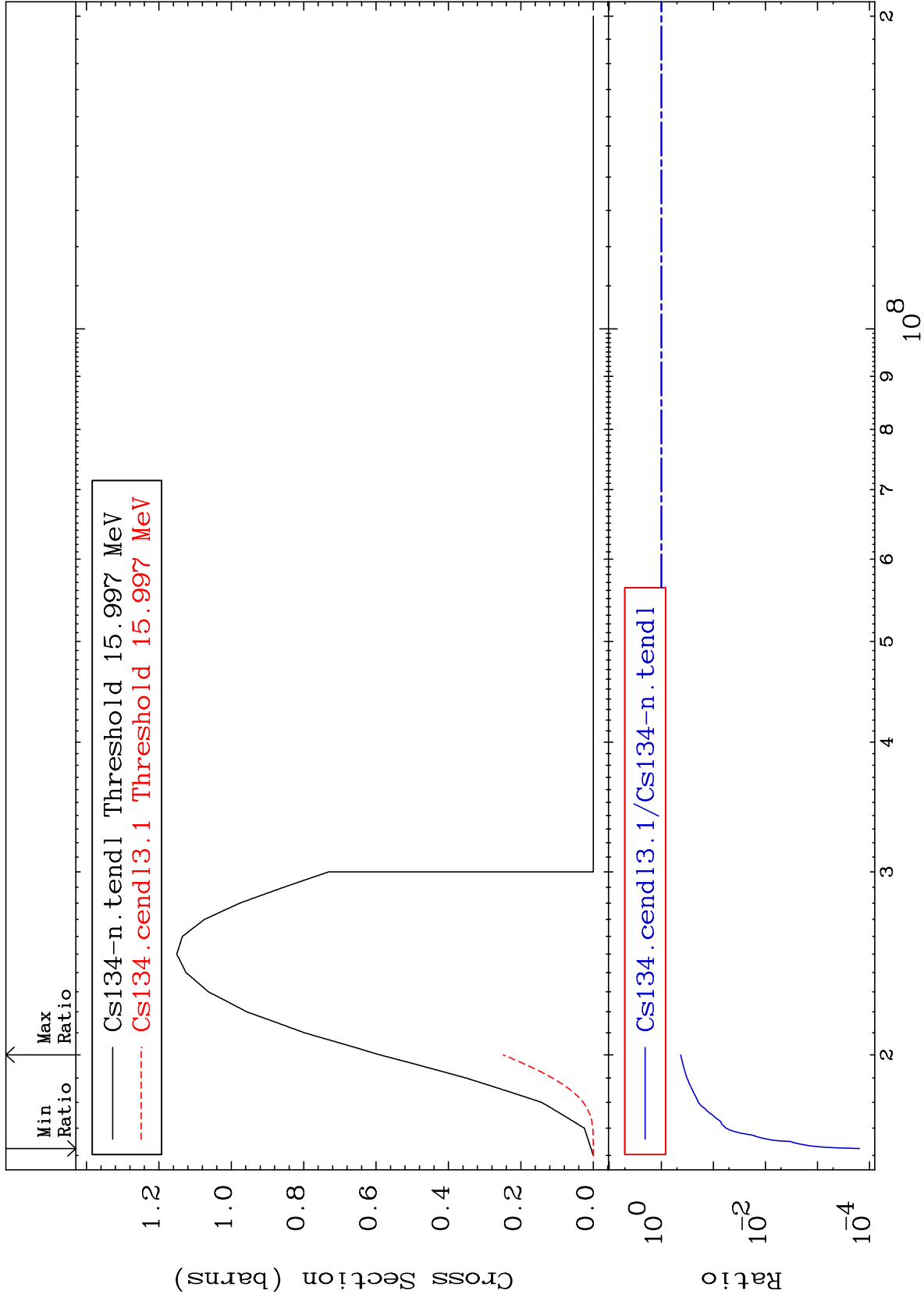
-52.84 To 31.42 %



4

Incident Energy (eV)

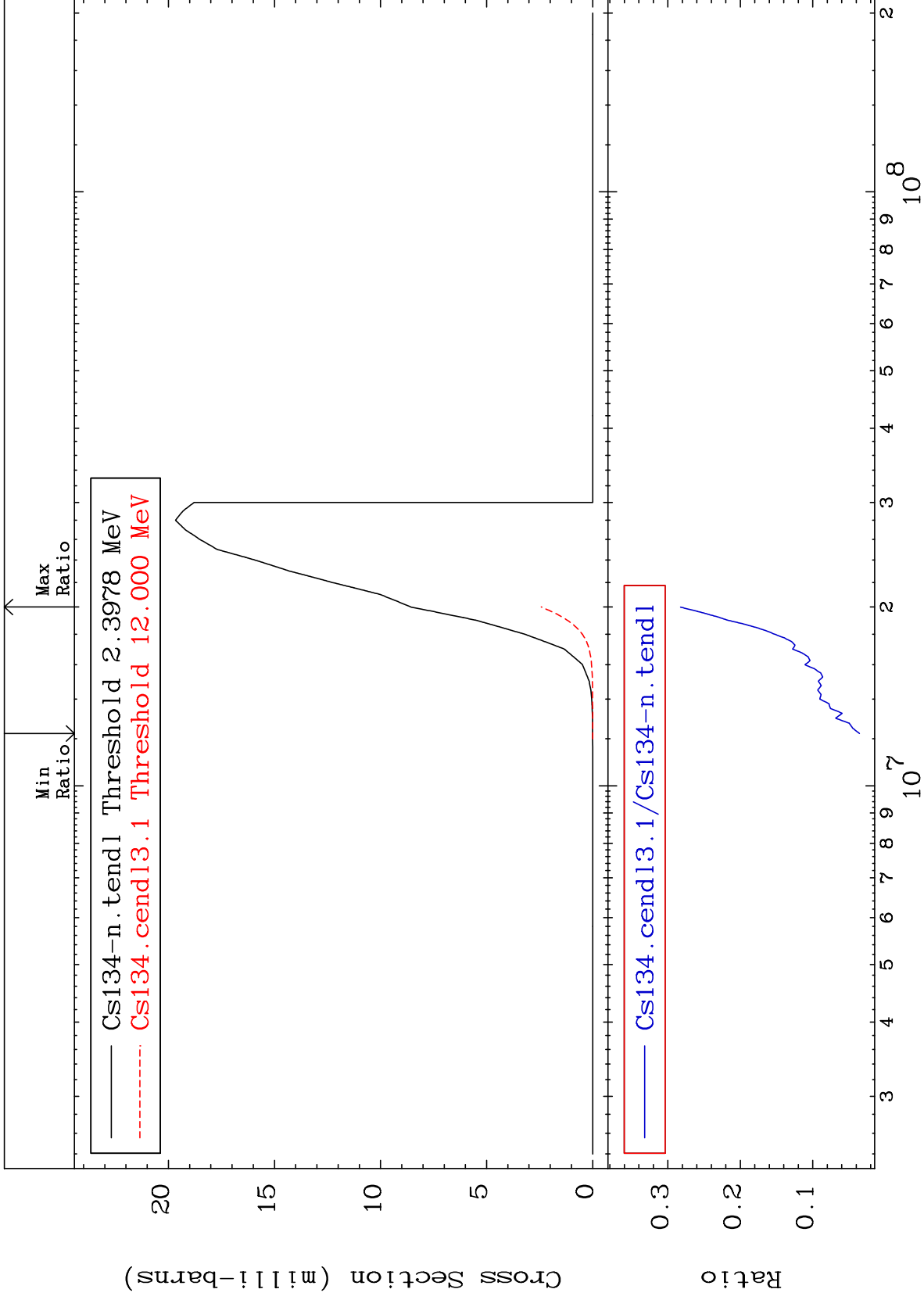
55-Cs-134



MAT 5528

(n, n') α
Cross Section

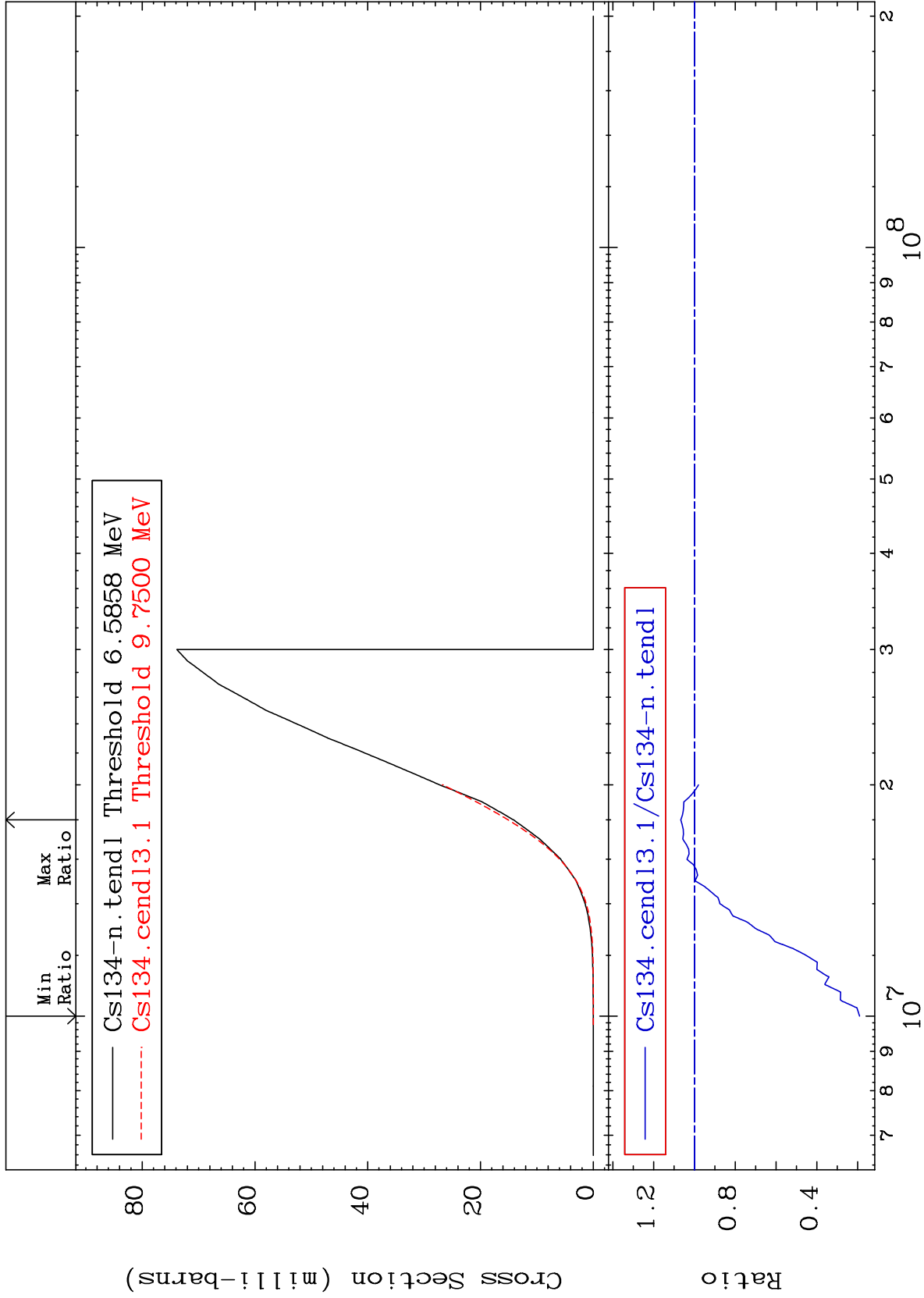
55-Cs-134
-96.44 To -71.73%



MAT 5528

(n, n') p
Cross Section

55-Cs-134
-80.90 To 6.739 %



7

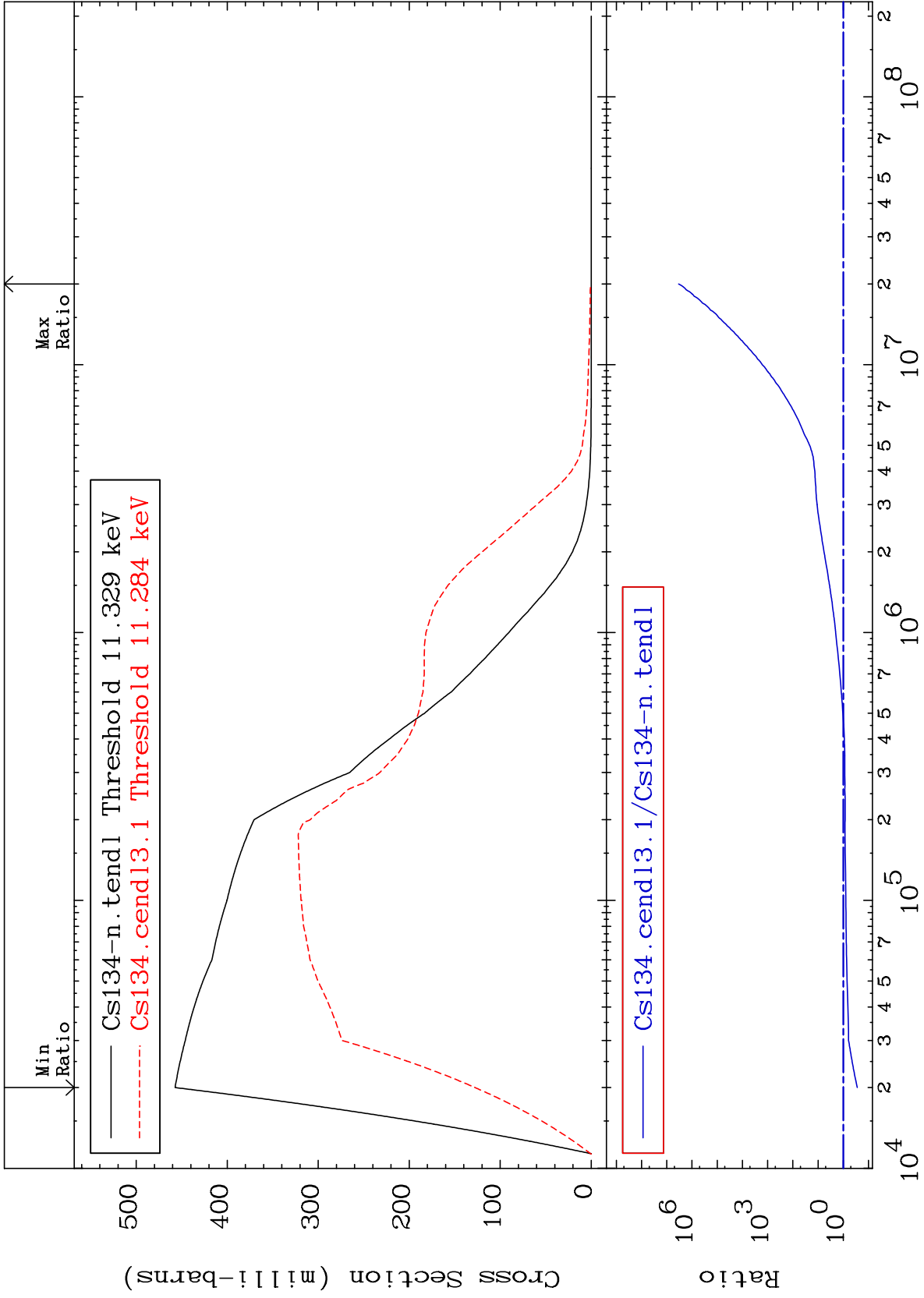
Incident Energy (eV)

55-Cs-134

MAT 5528

11.24 keV (n,n') Level
Cross Section

55-Cs-134
-72.10 To 9999. %



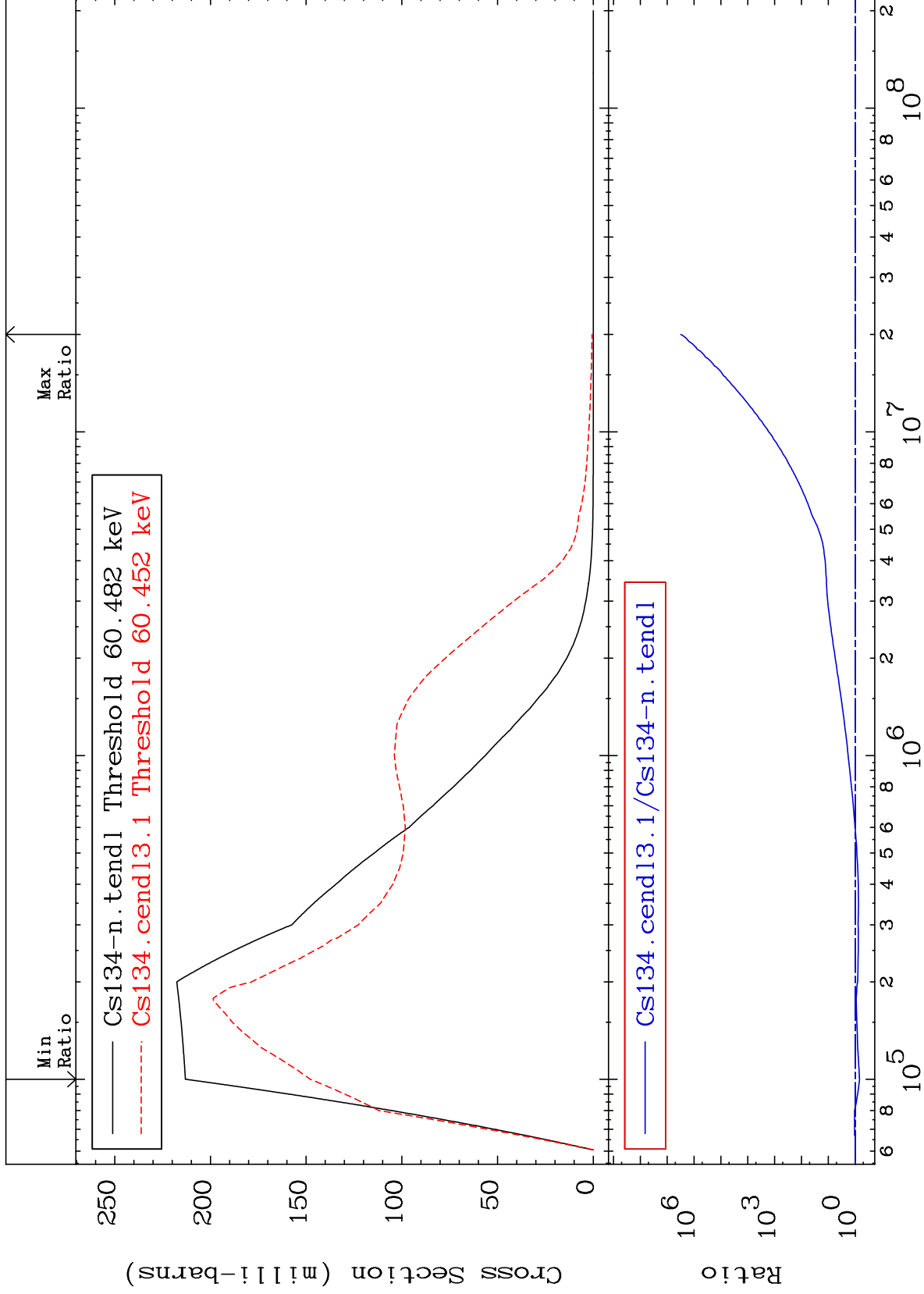
Incident Energy (eV)

55-Cs-134

MAT 5528

60.03 keV (n,n') Level
Cross Section

55-Cs-134
-30.61 To 9999. %



9

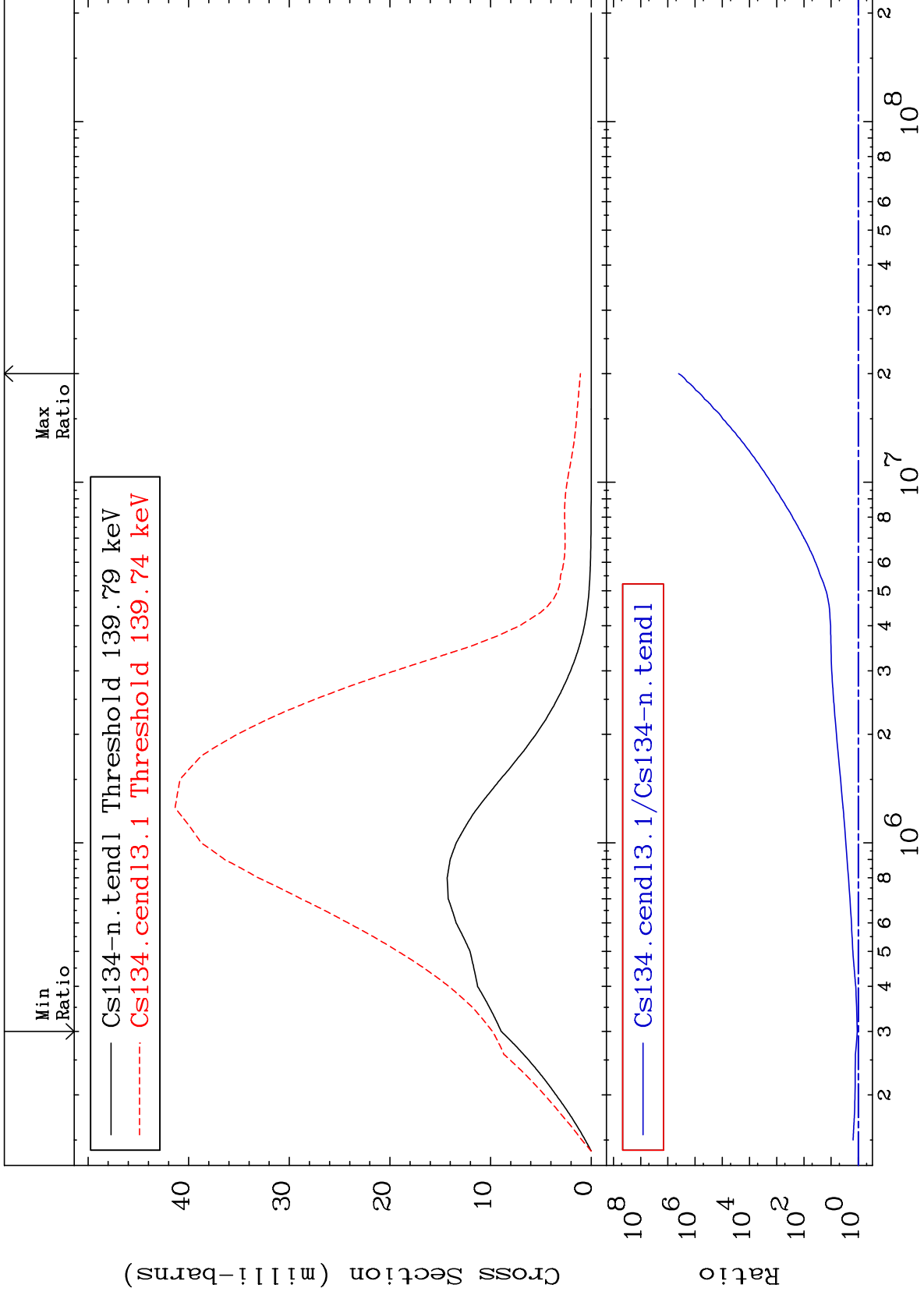
Incident Energy (eV)

55-Cs-134

MAT 5528

138.7 keV (n,n') Level
Cross Section

55-Cs-134
9.790 To 9999. %



10

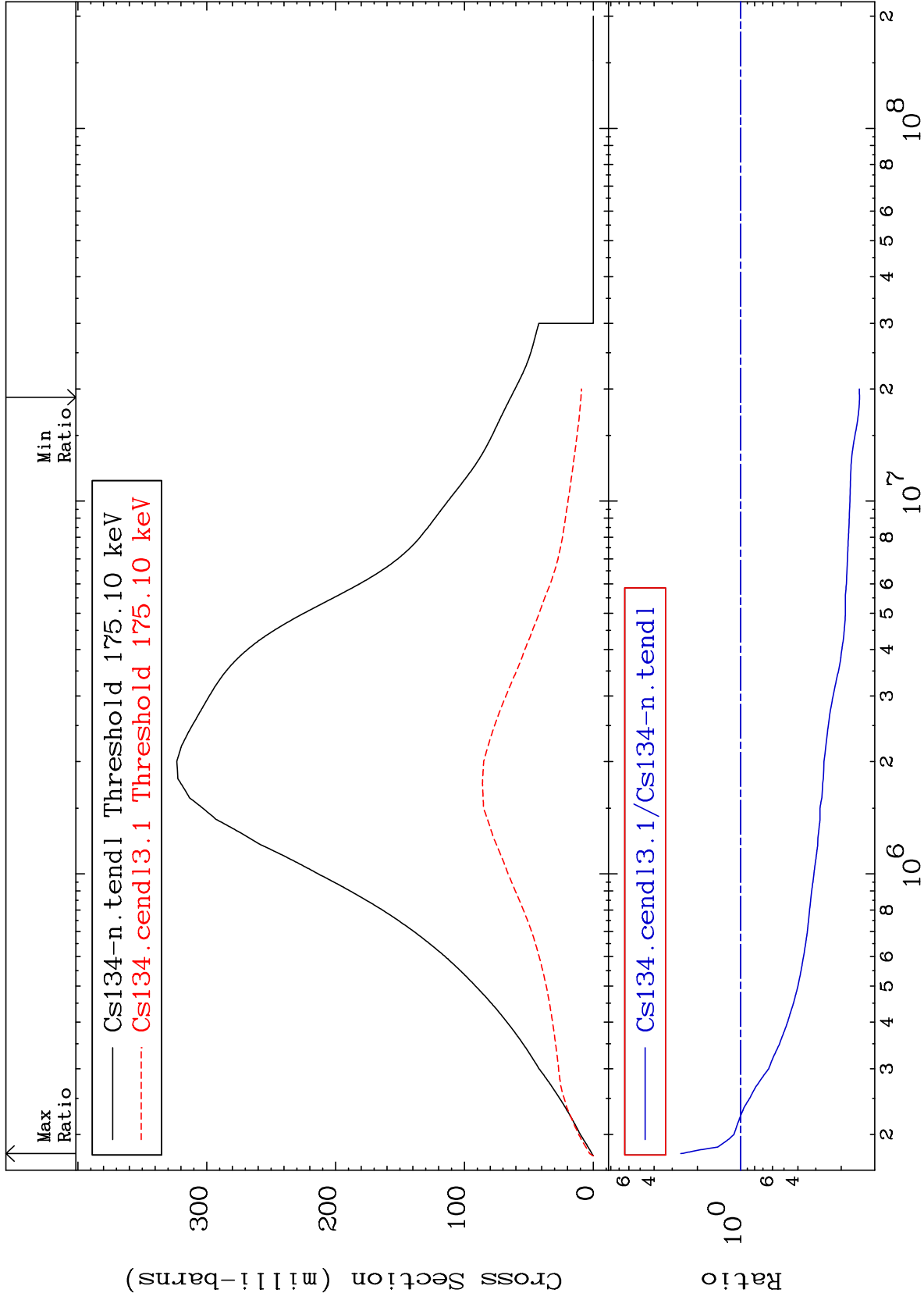
Incident Energy (eV)

55-Cs-134

MAT 5528

173.8 keV (n,n') Level
Cross Section

55-Cs-134
-85.11 To 161.1 %



11

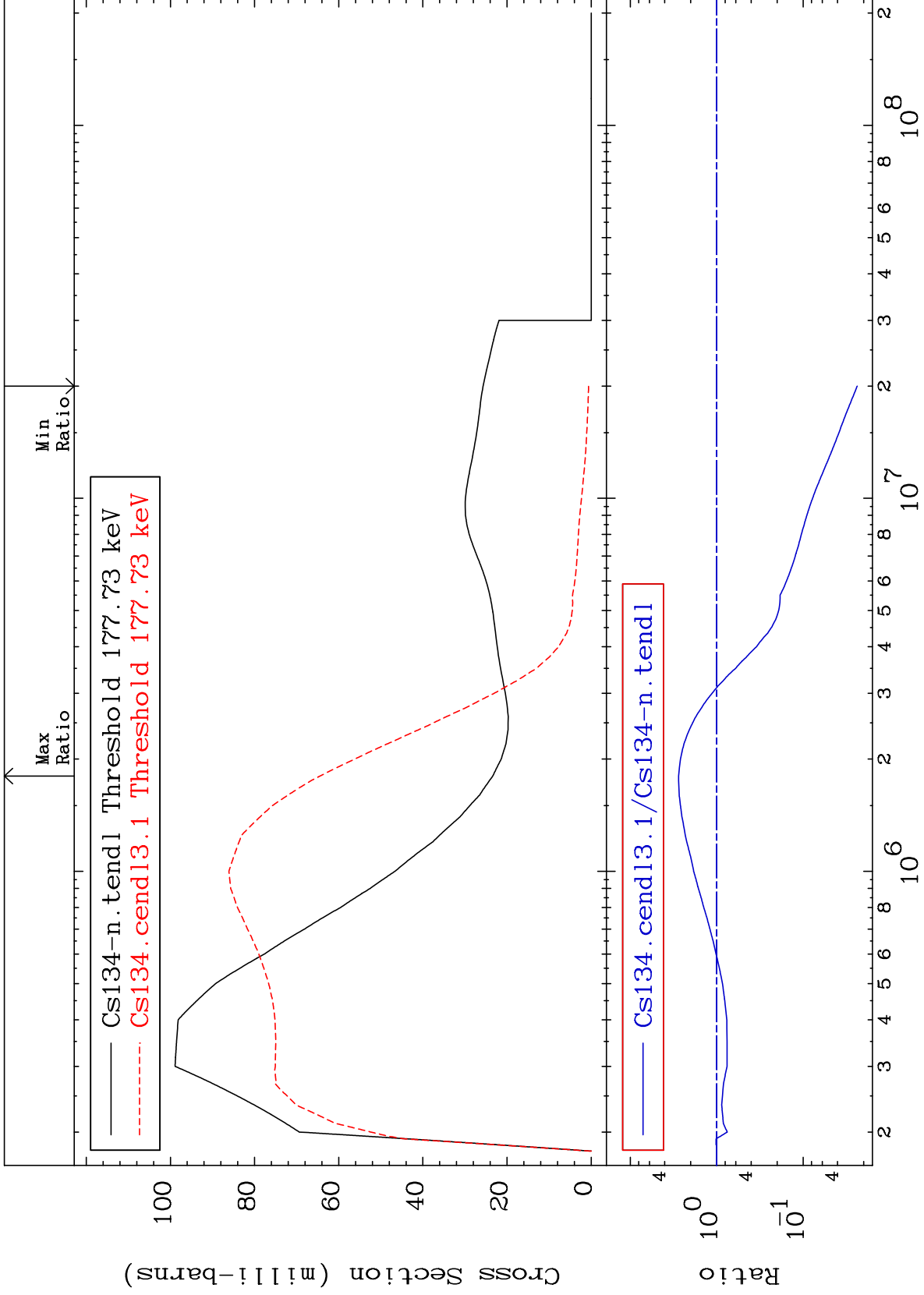
Incident Energy (eV)

55-Cs-134

MAT 5528

176.4 keV (n,n') Level
Cross Section

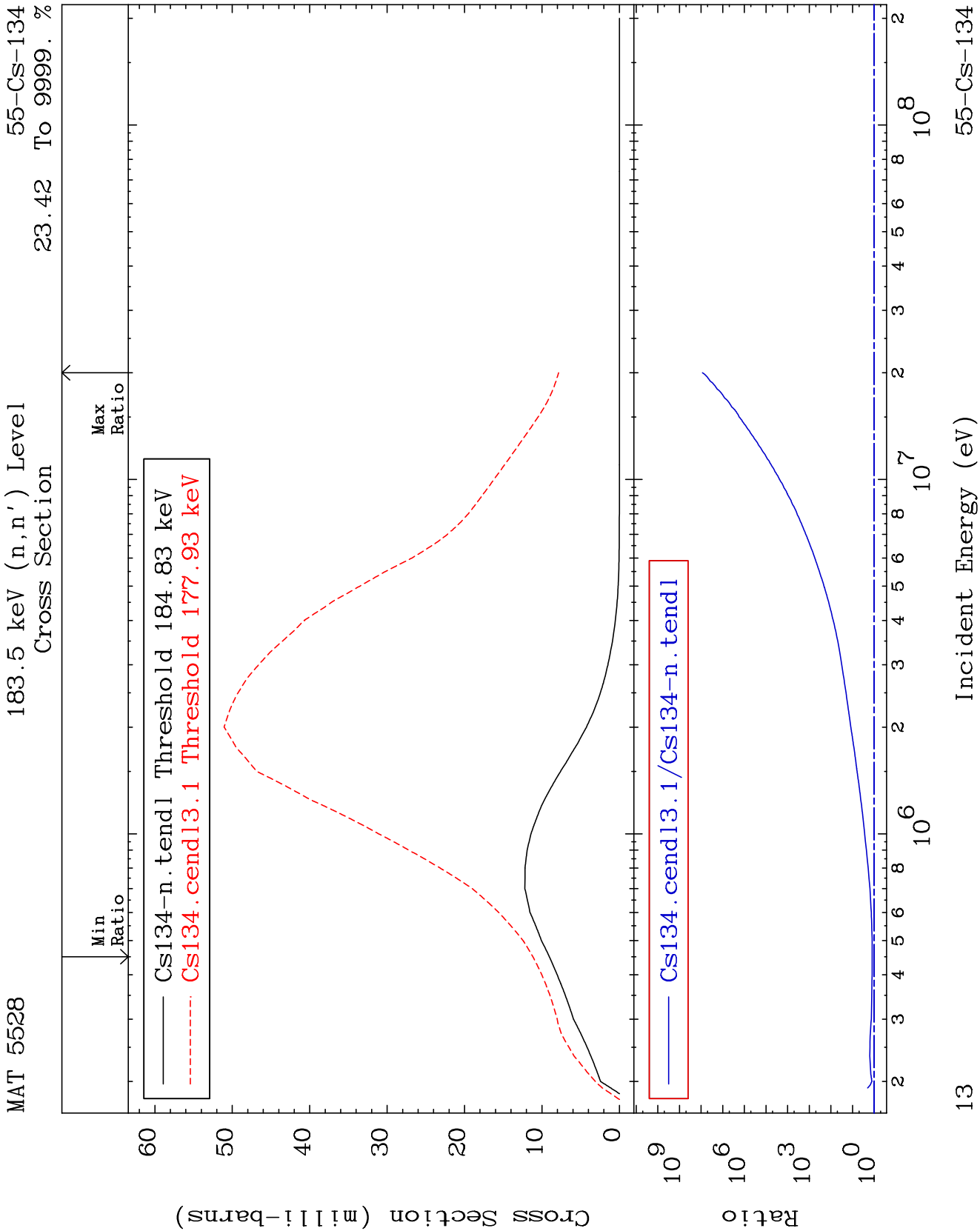
55-Cs-134
-97.63 To 175.6 %



12

Incident Energy (eV)

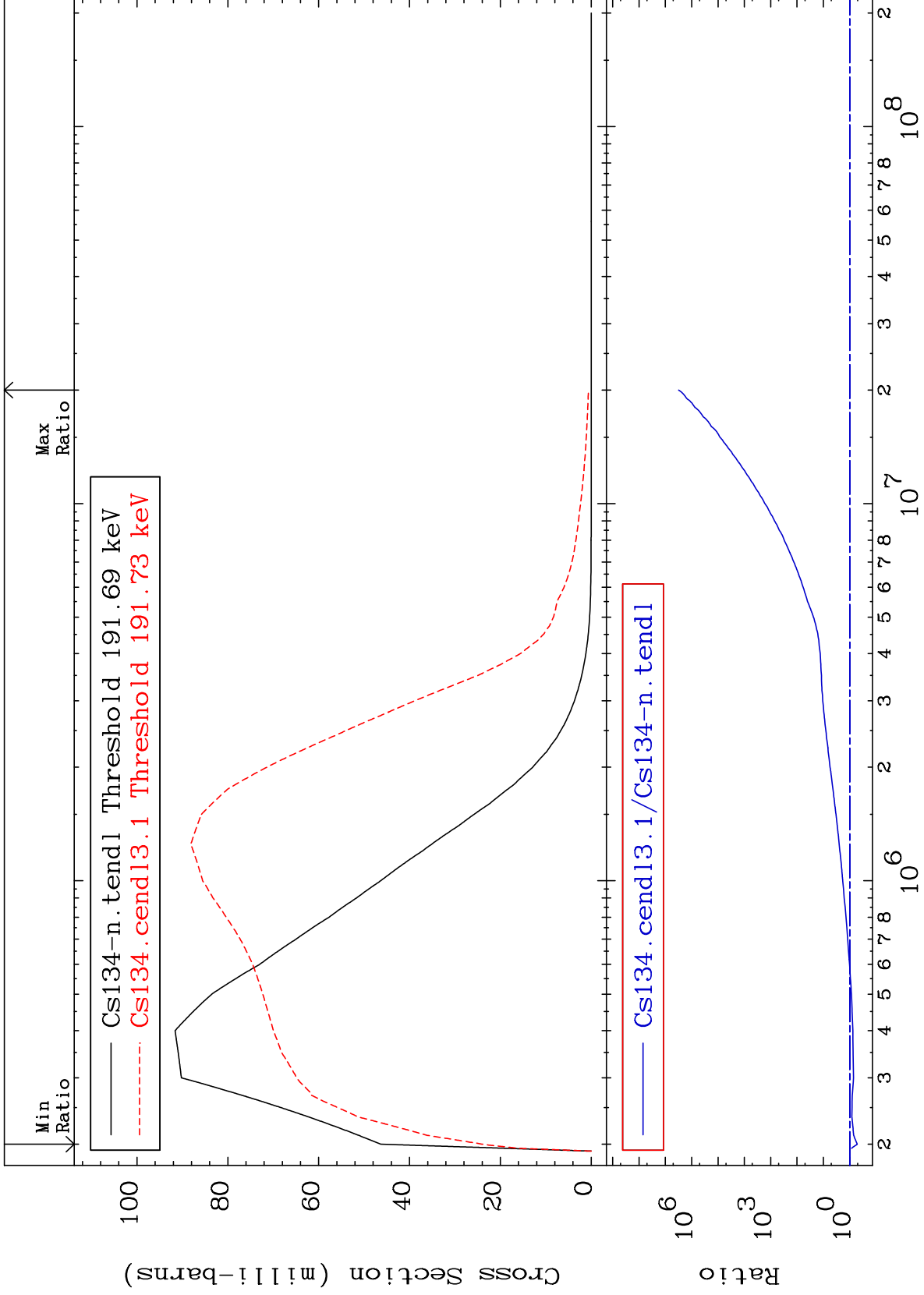
55-Cs-134



MAT 5528

190.3 keV (n,n') Level
Cross Section

55-Cs-134
-48.32 To 9999. %



14

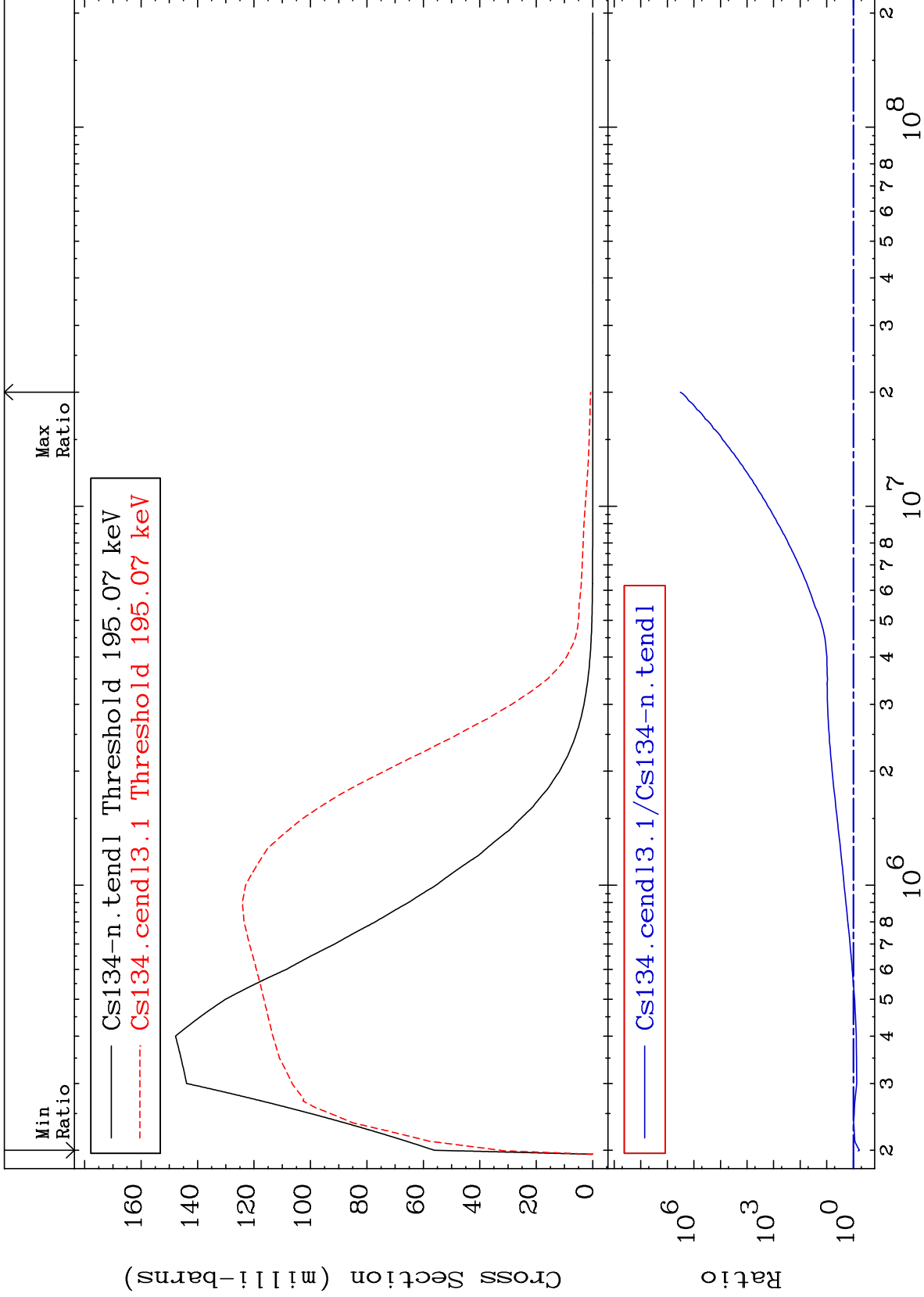
Incident Energy (eV)

55-Cs-134

MAT 5528

193.6 keV (n,n') Level
Cross Section

55-Cs-134
-41.31 To 9999. %



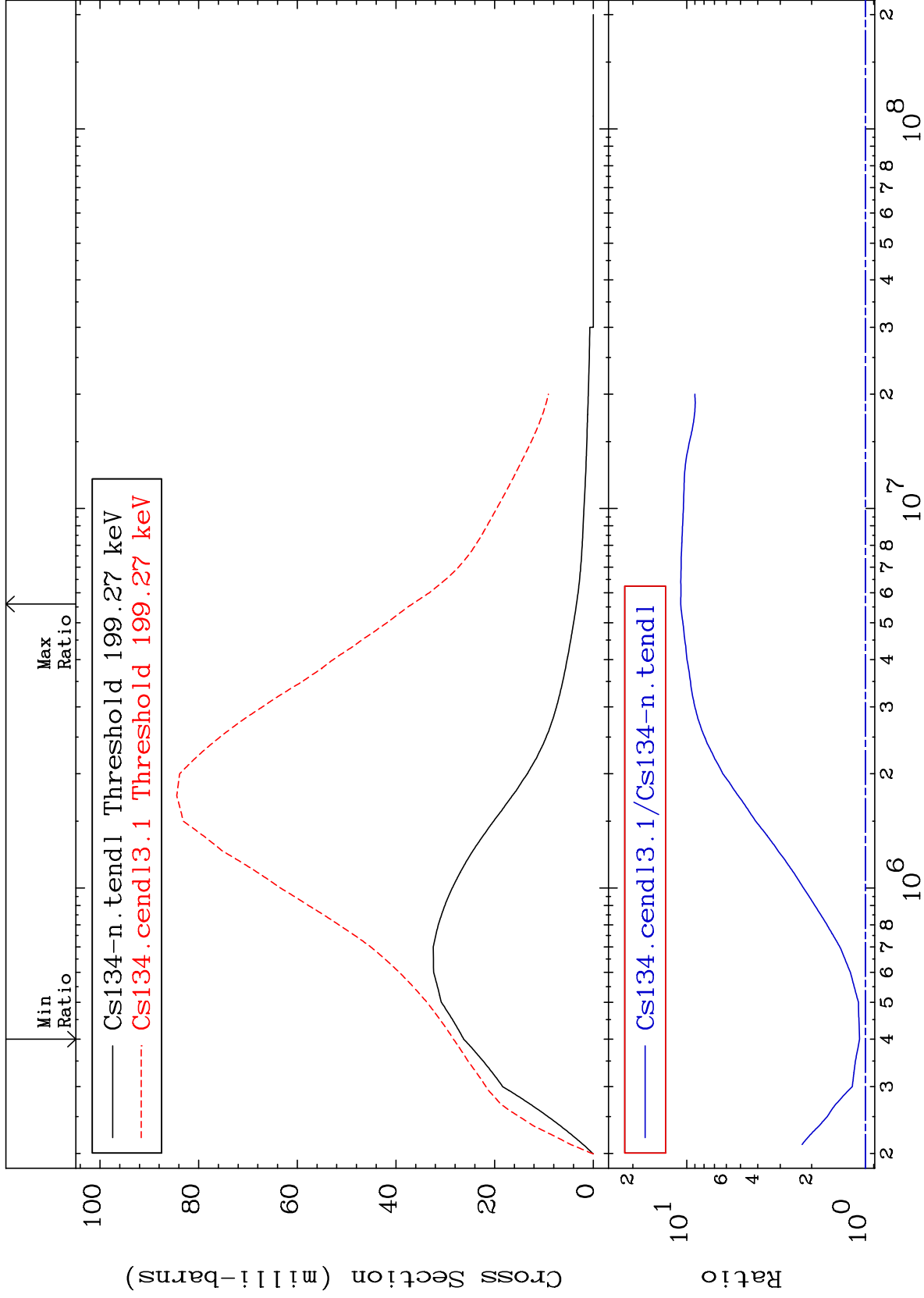
MAT 5528

197.8 keV (n,n') Level

55-Cs-134

7.897 To 979.0 %

Cross Section



16

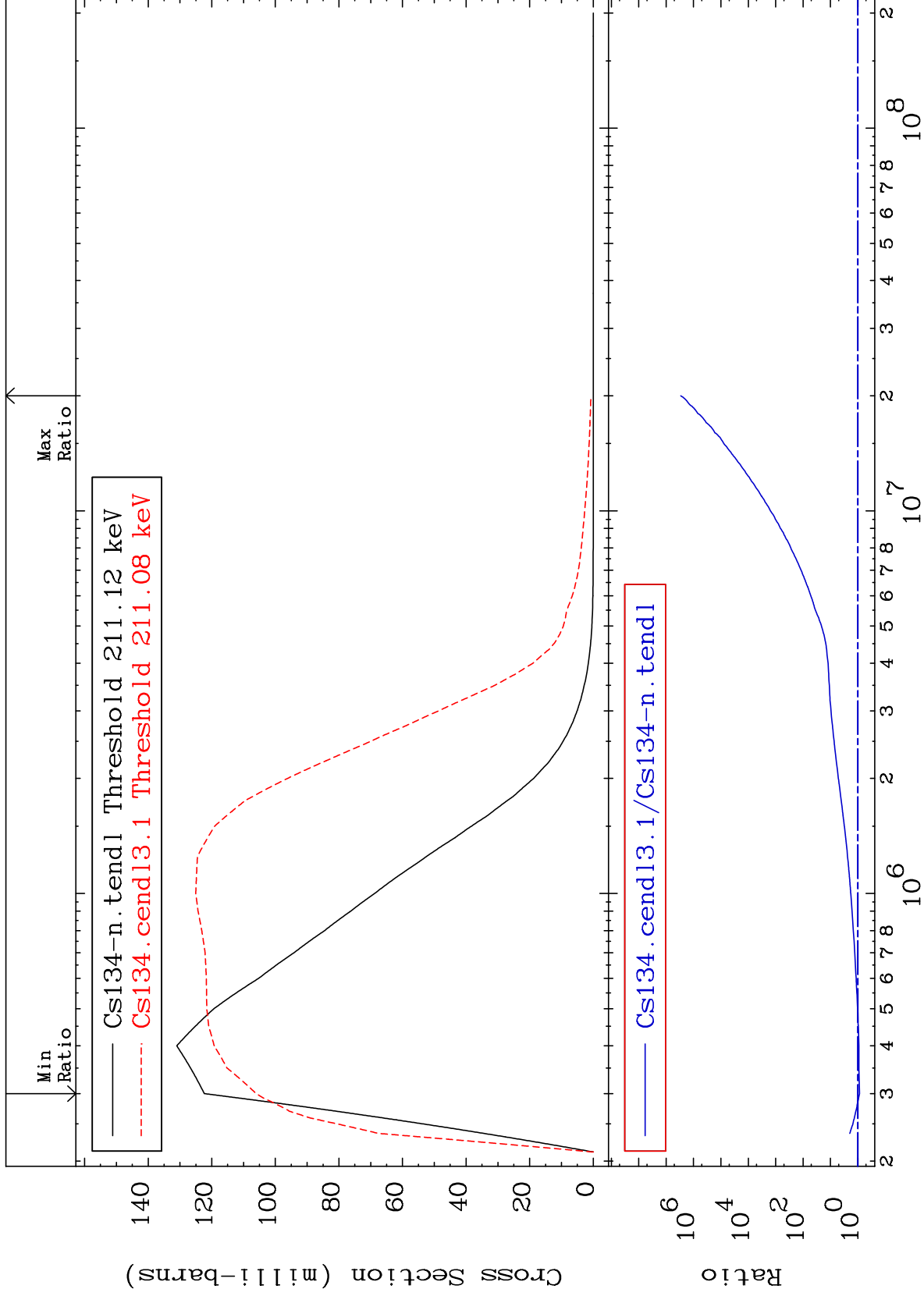
Incident Energy (eV)

55-Cs-134

MAT 5528

209.5 keV (n,n') Level
Cross Section

55-Cs-134
-13.37 To 9999. %



17

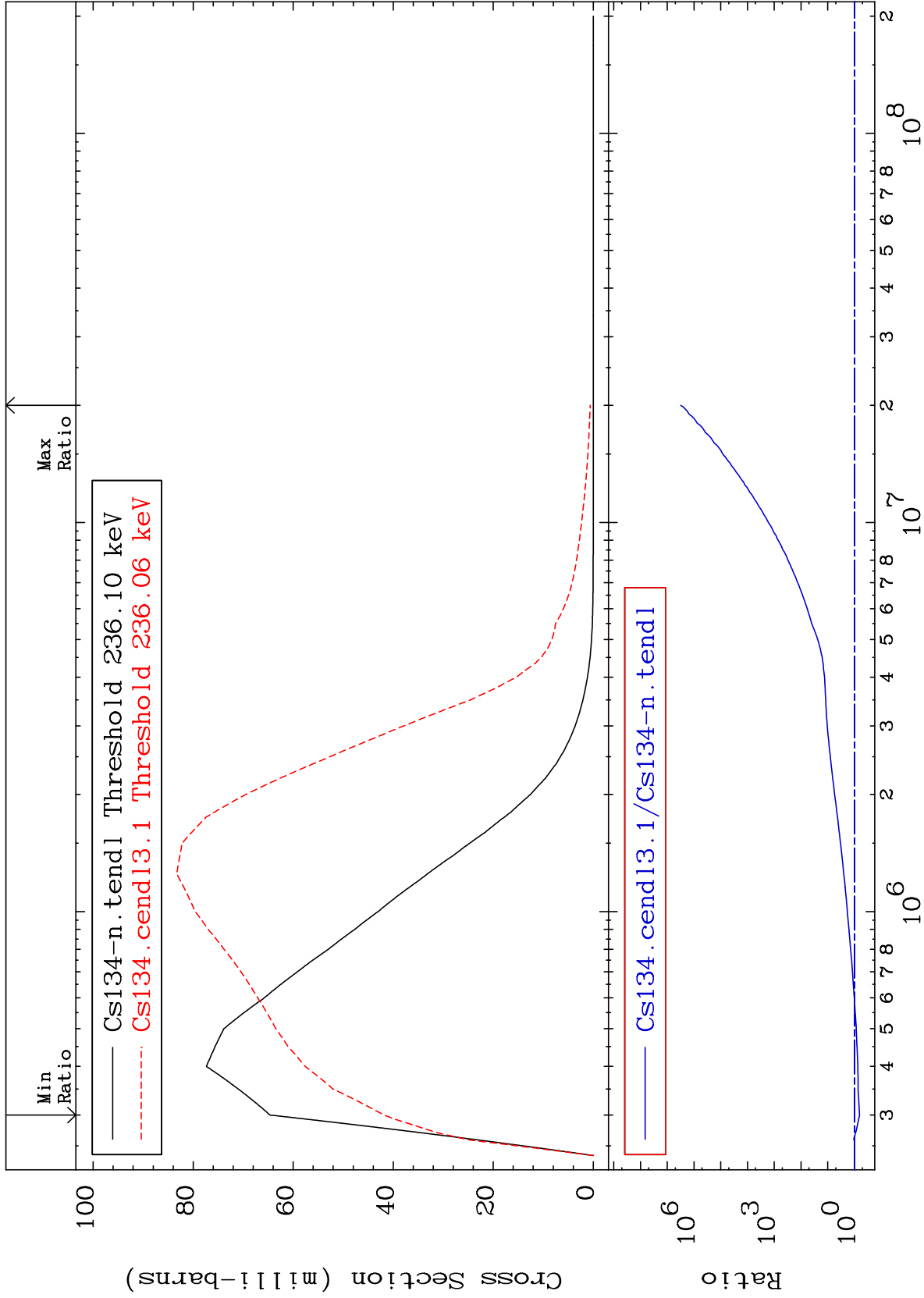
Incident Energy (eV)

55-Cs-134

MAT 5528

234.3 keV (n,n') Level
Cross Section

55-Cs-134
-35.26 To 9999. %



18

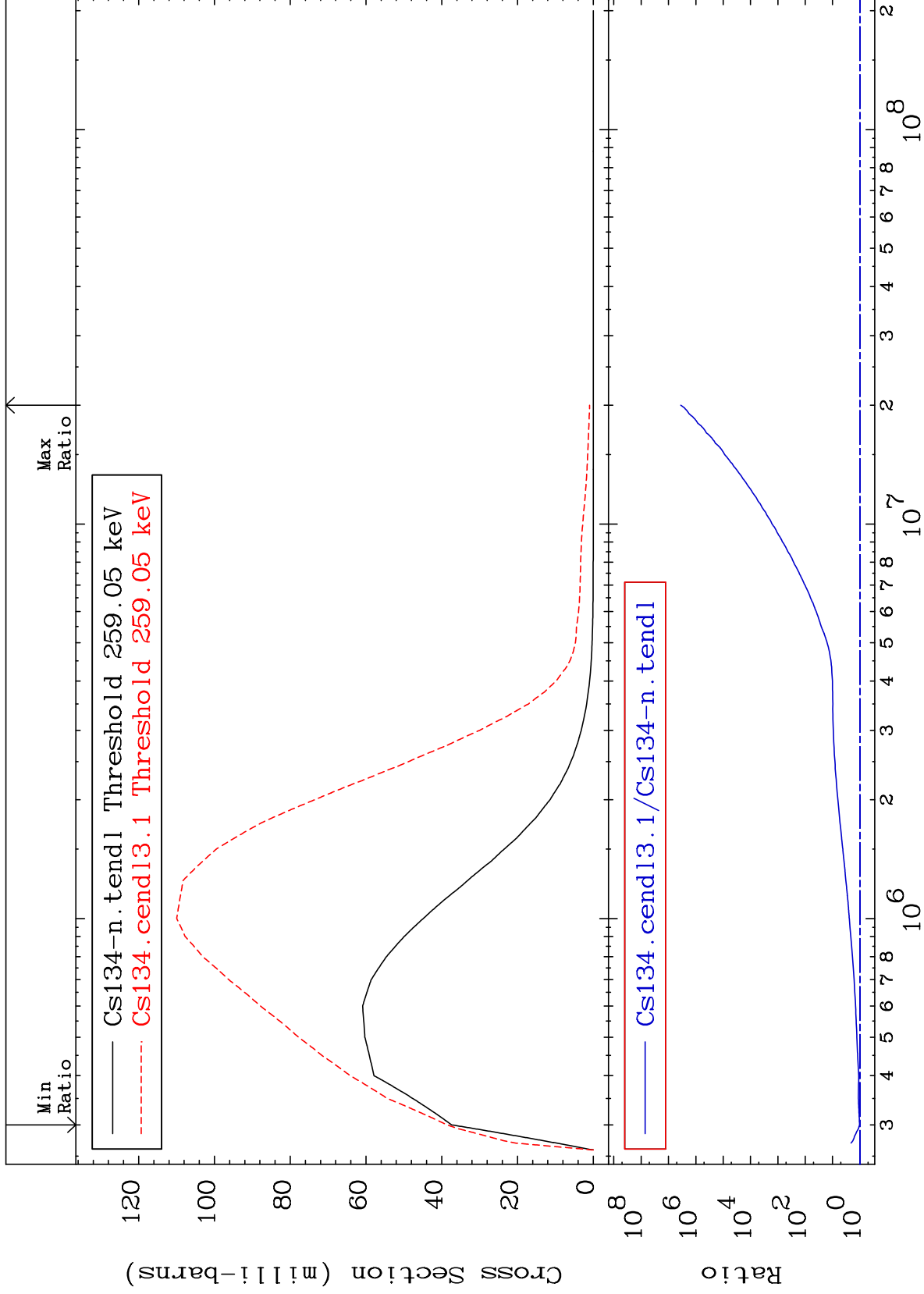
Incident Energy (eV)

55-Cs-134

MAT 5528

257.1 keV (n,n') Level
Cross Section

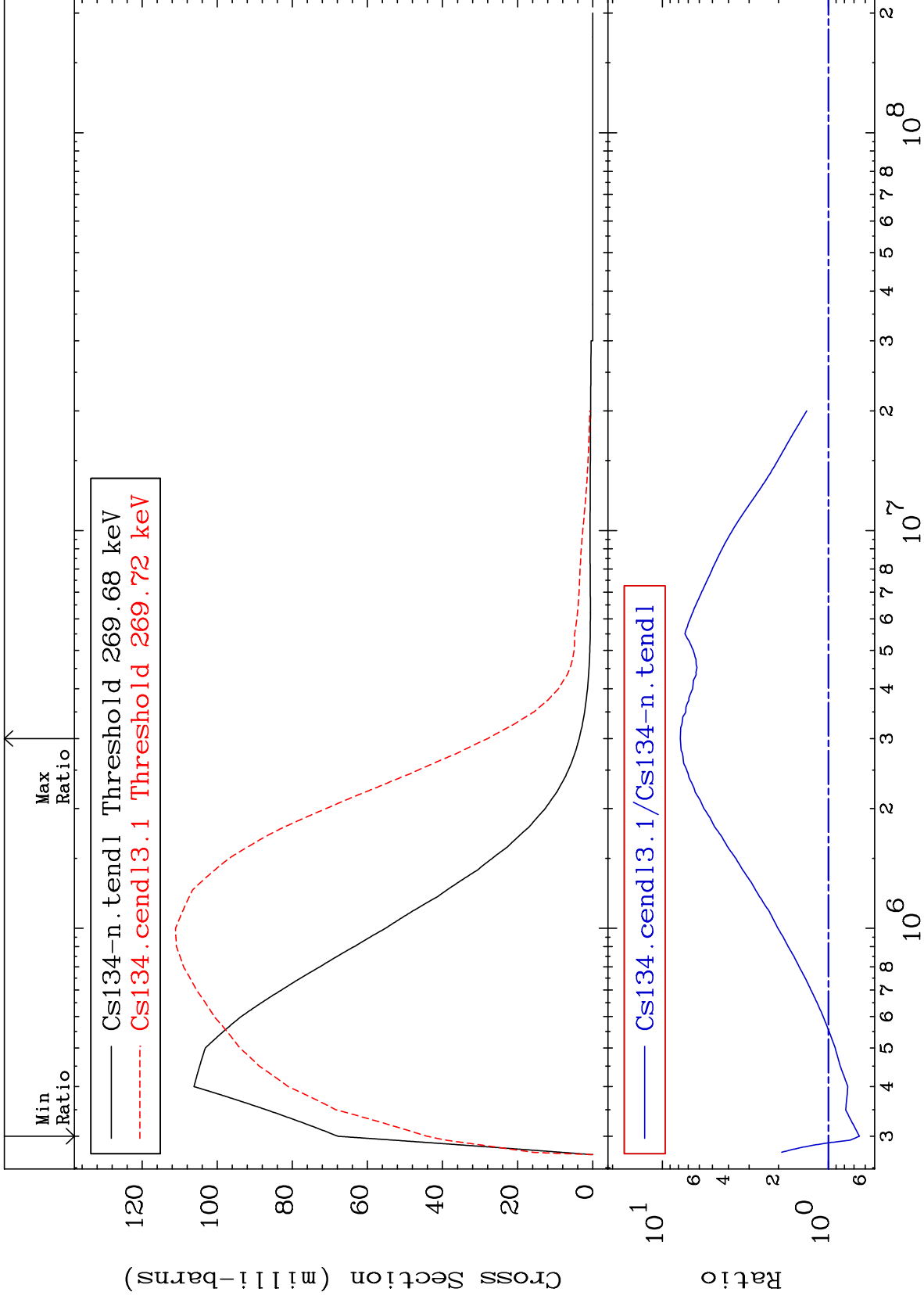
55-Cs-134
3.279 To 9999. %



MAT 5528

267.7 keV (n,n') Level
Cross Section

55-Cs-134
-34.99 To 680.0 %

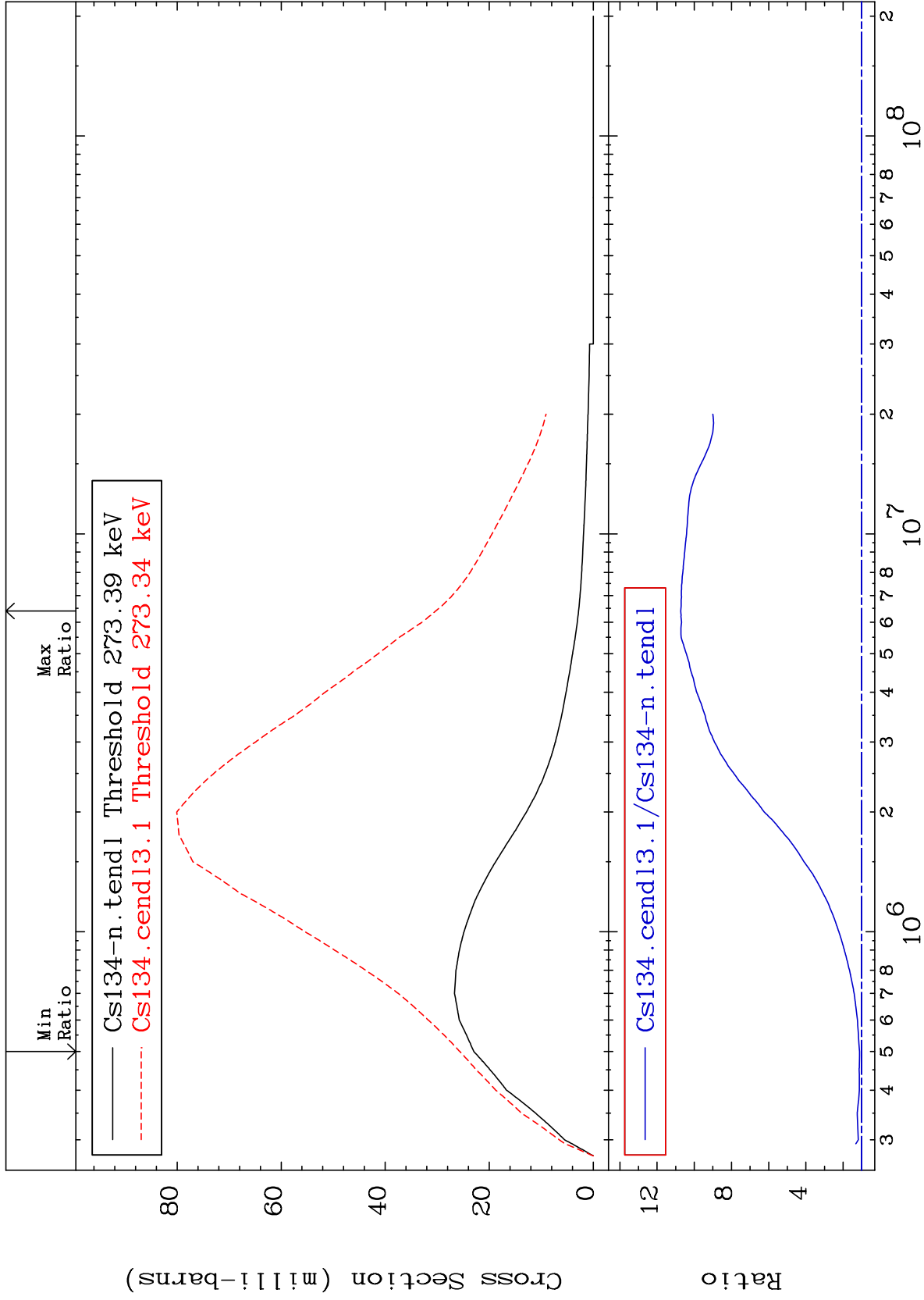


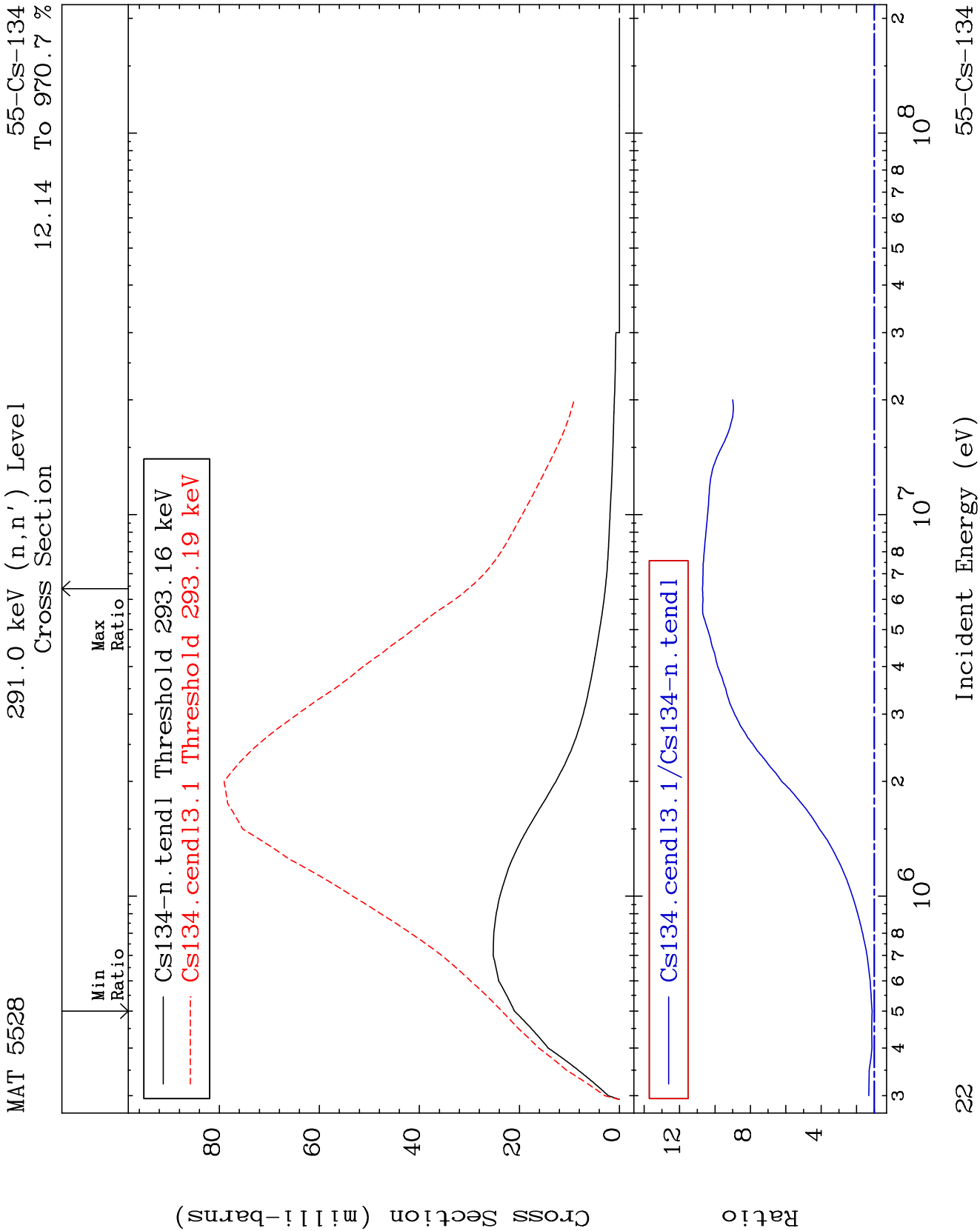
20

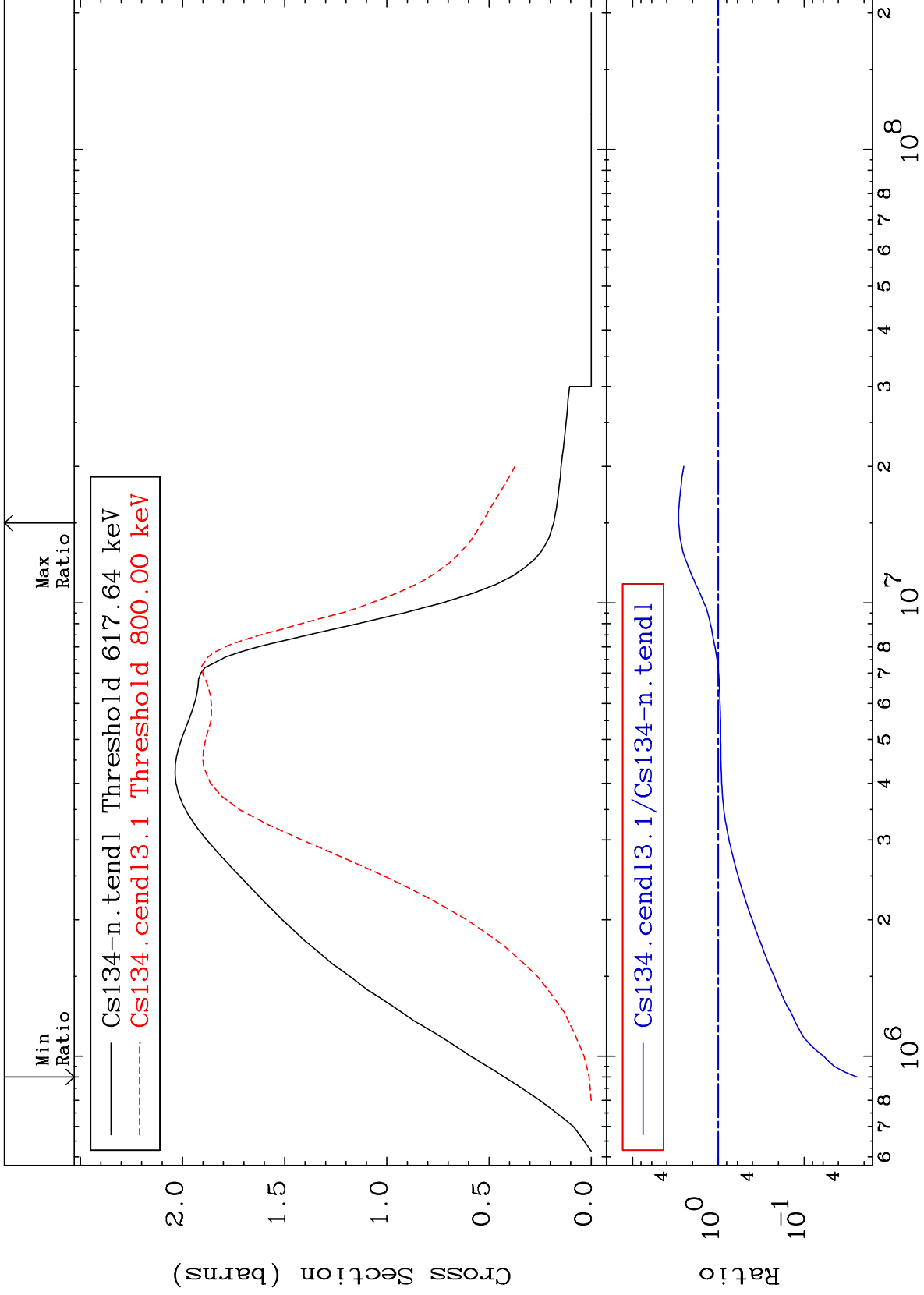
Incident Energy (eV)

55-Cs-134

MAT 5528 55-Cs-134
 271.3 keV (n,n') Level 11.66 To 972.6 %
 Cross Section

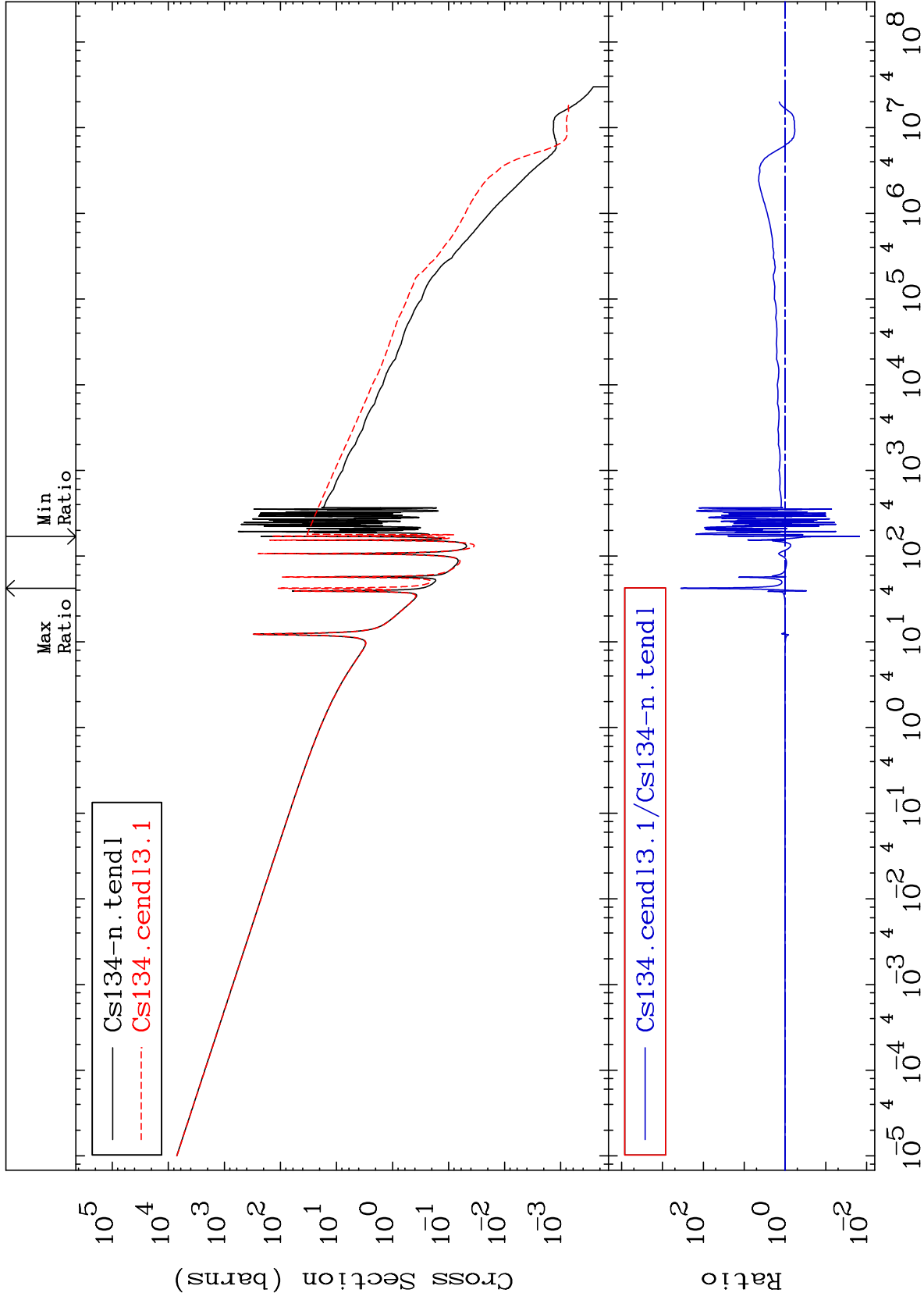






MAT 5528

55-Cs-134
-98.51 To 9999. %



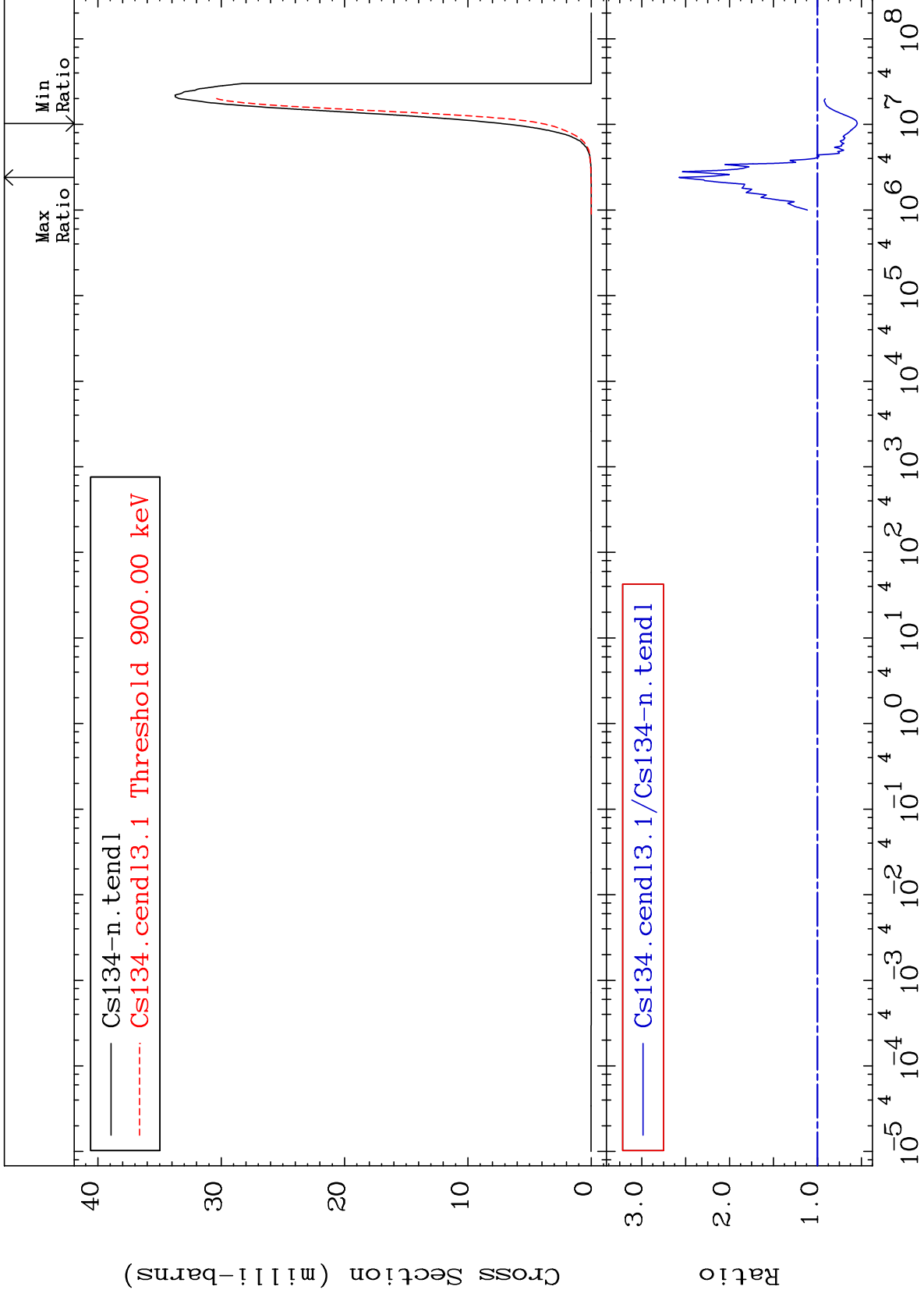
24

55-Cs-134

MAT 5528

(n,p)
Cross Section

55-Cs-134
-45.35 To 158.0 %



25

Incident Energy (eV)

55-Cs-134

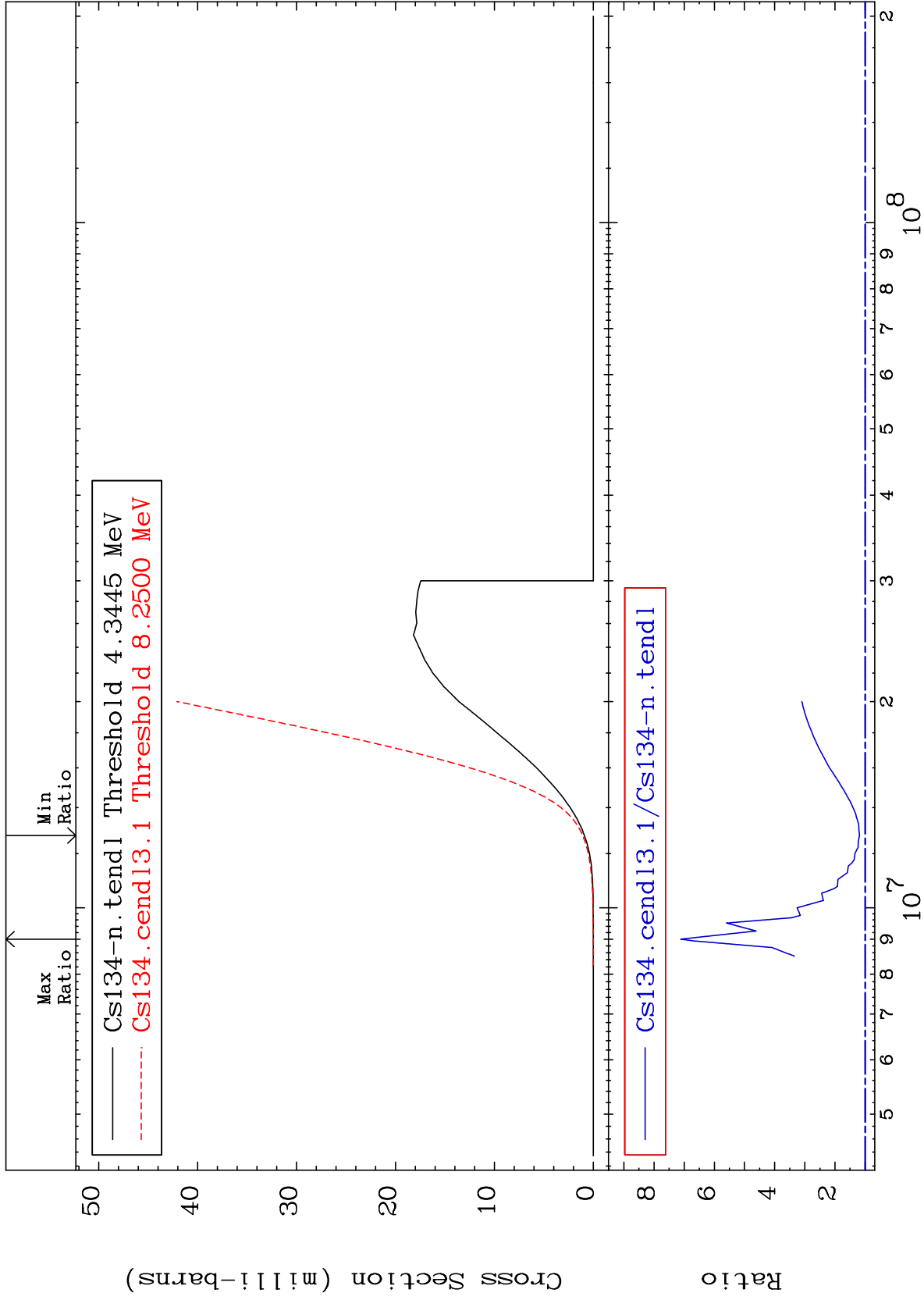
MAT 5528

(n, d)

55-Cs-134

Cross Section

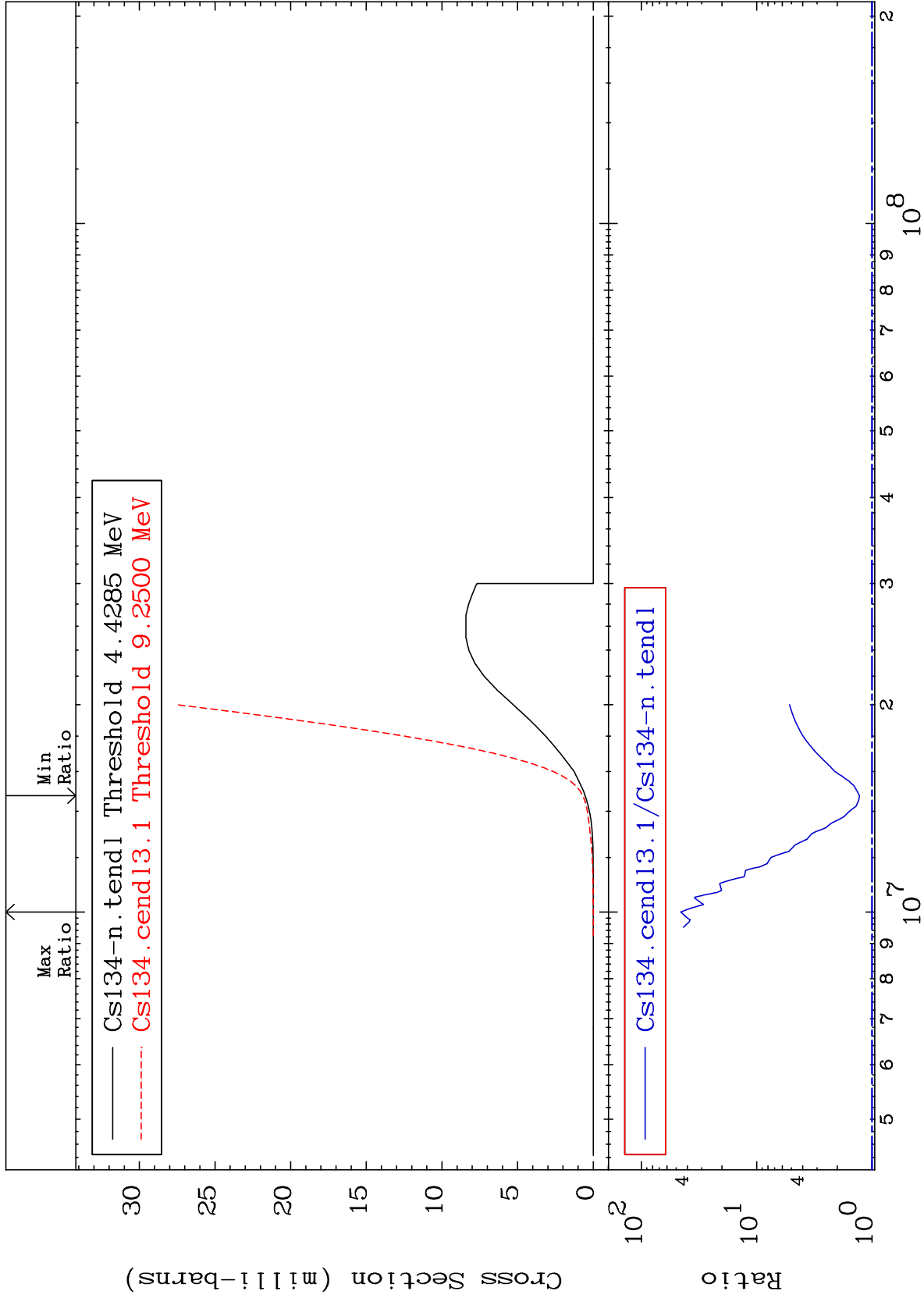
18.56 To 611.4 %



MAT 5528

(n, t)
Cross Section

55-Cs-134
28.29 To 4461. %



27

55-Cs-134

55-Cs-134

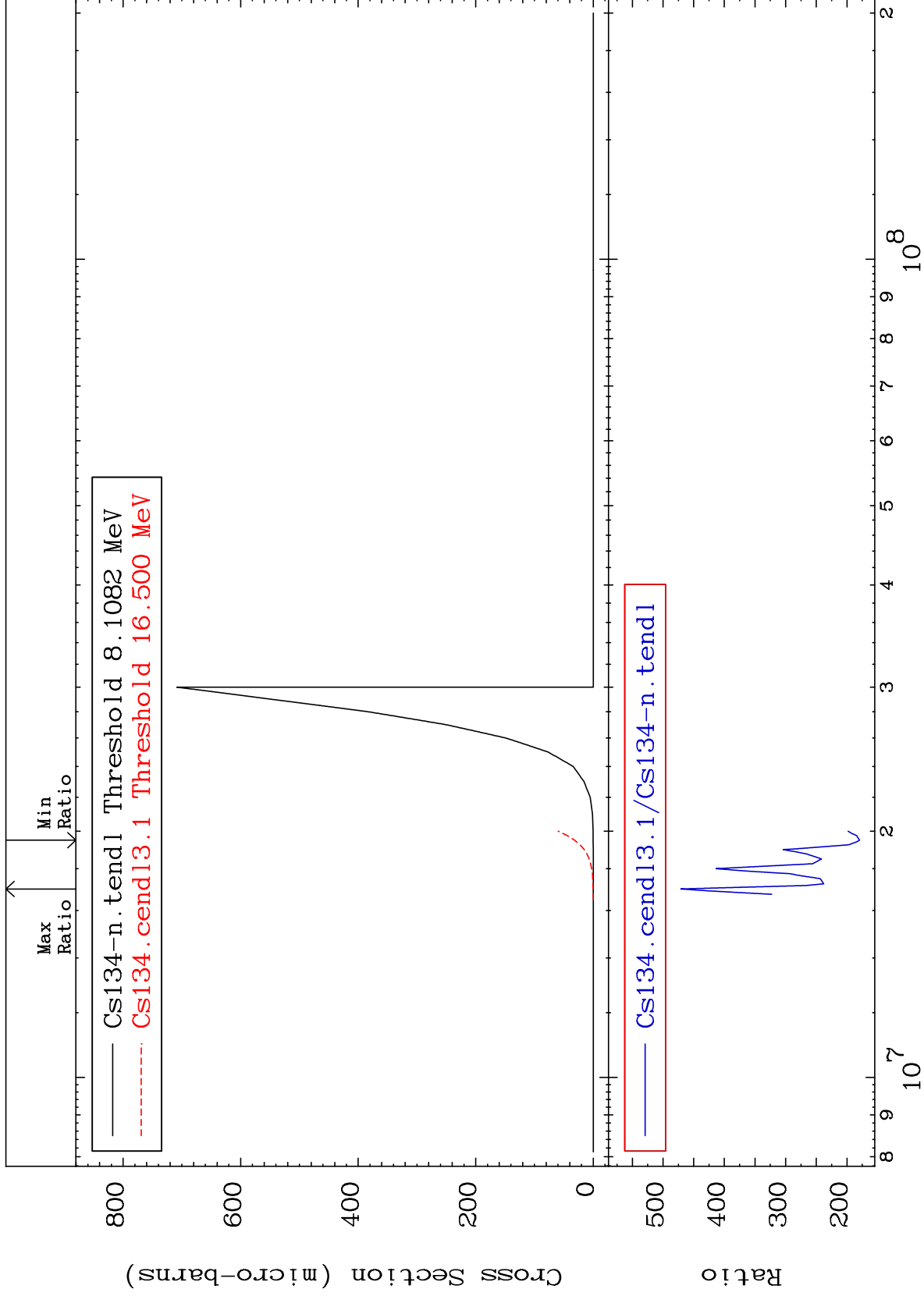
MAT 5528

(n,He-3)

55-Cs-134

Cross Section

9999. To 9999. %



28

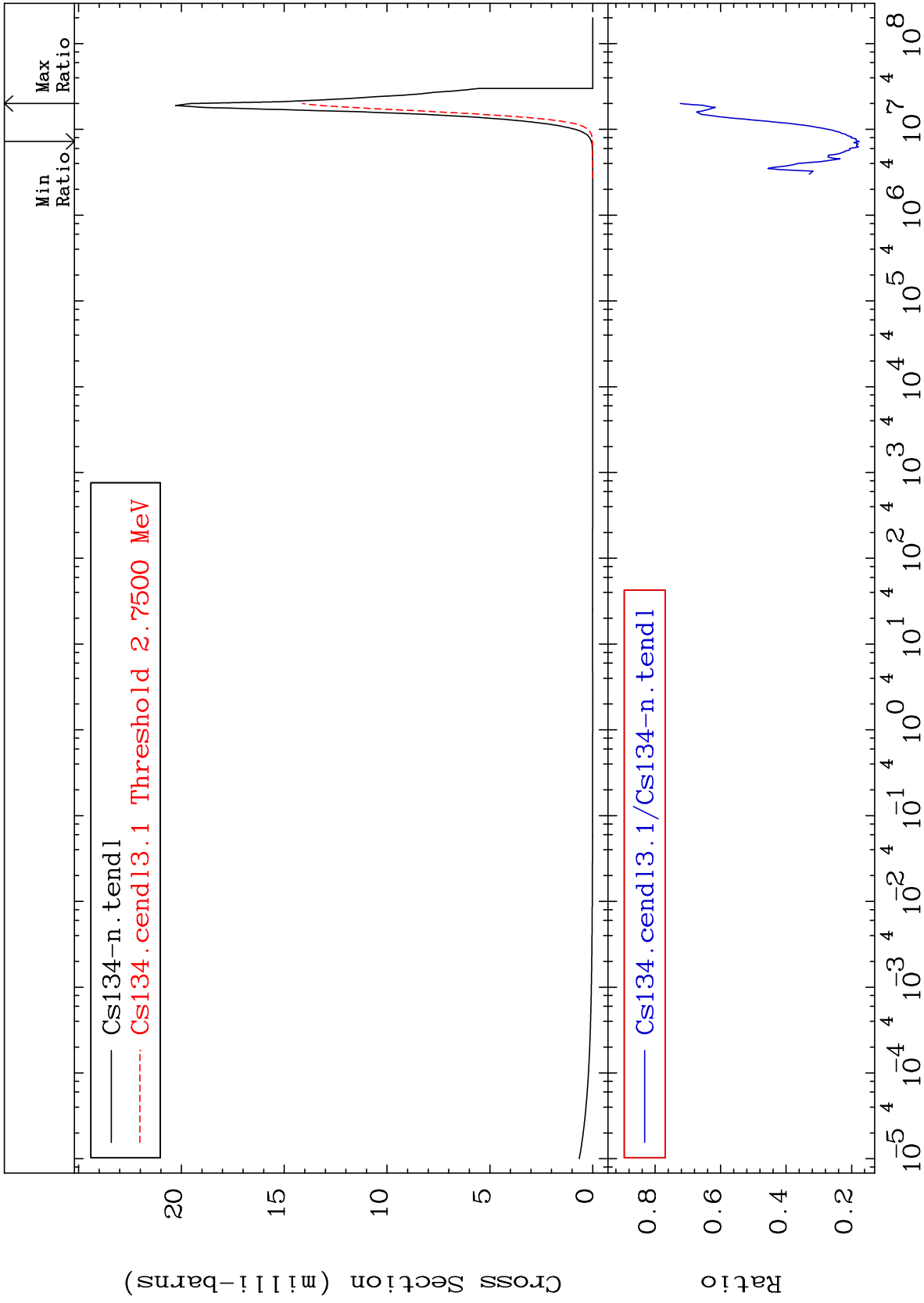
Incident Energy (eV)

55-Cs-134

MAT 5528

(n, α)
Cross Section

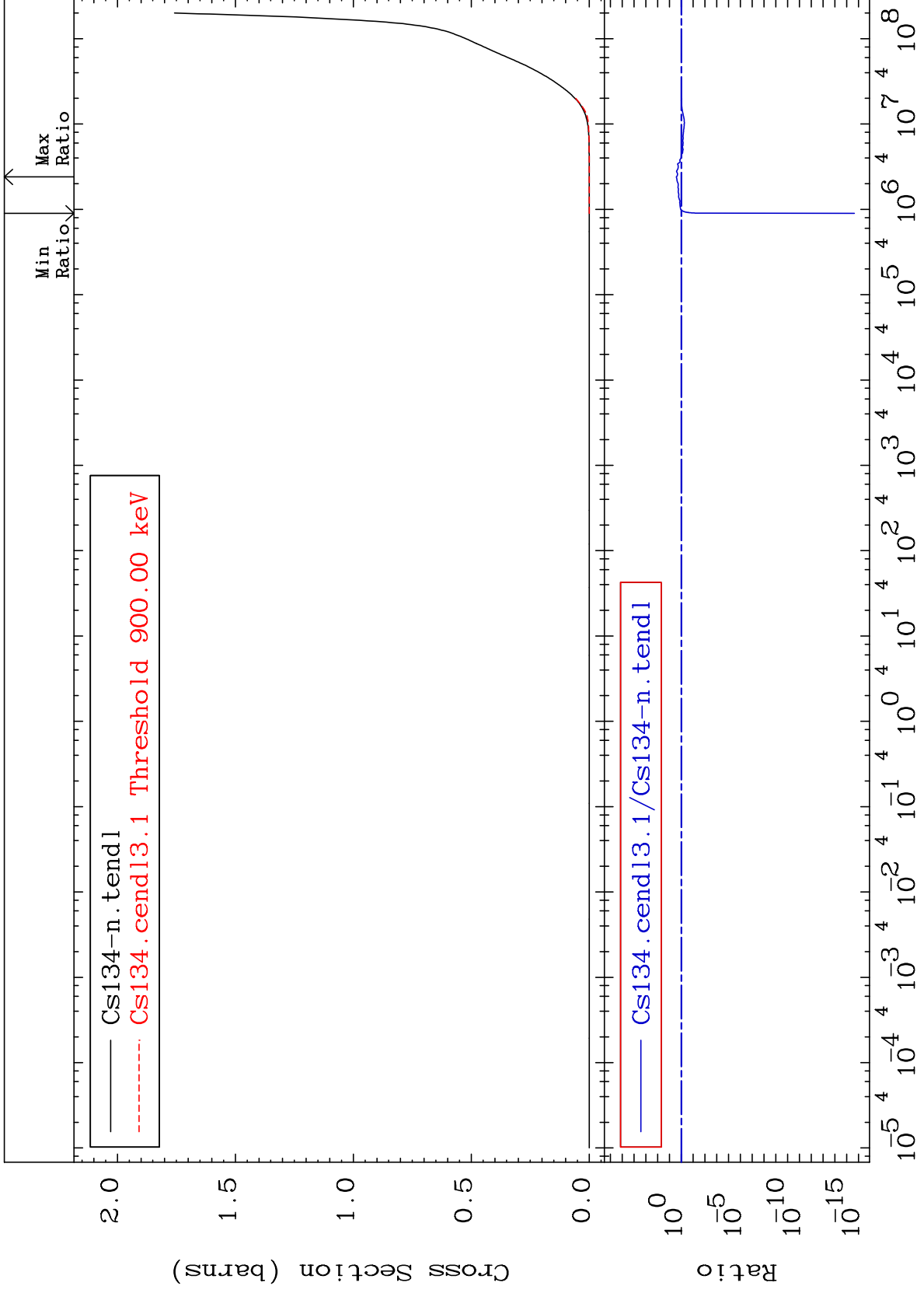
55-Cs-134
-82.39 To -27.70%



29

Incident Energy (eV)

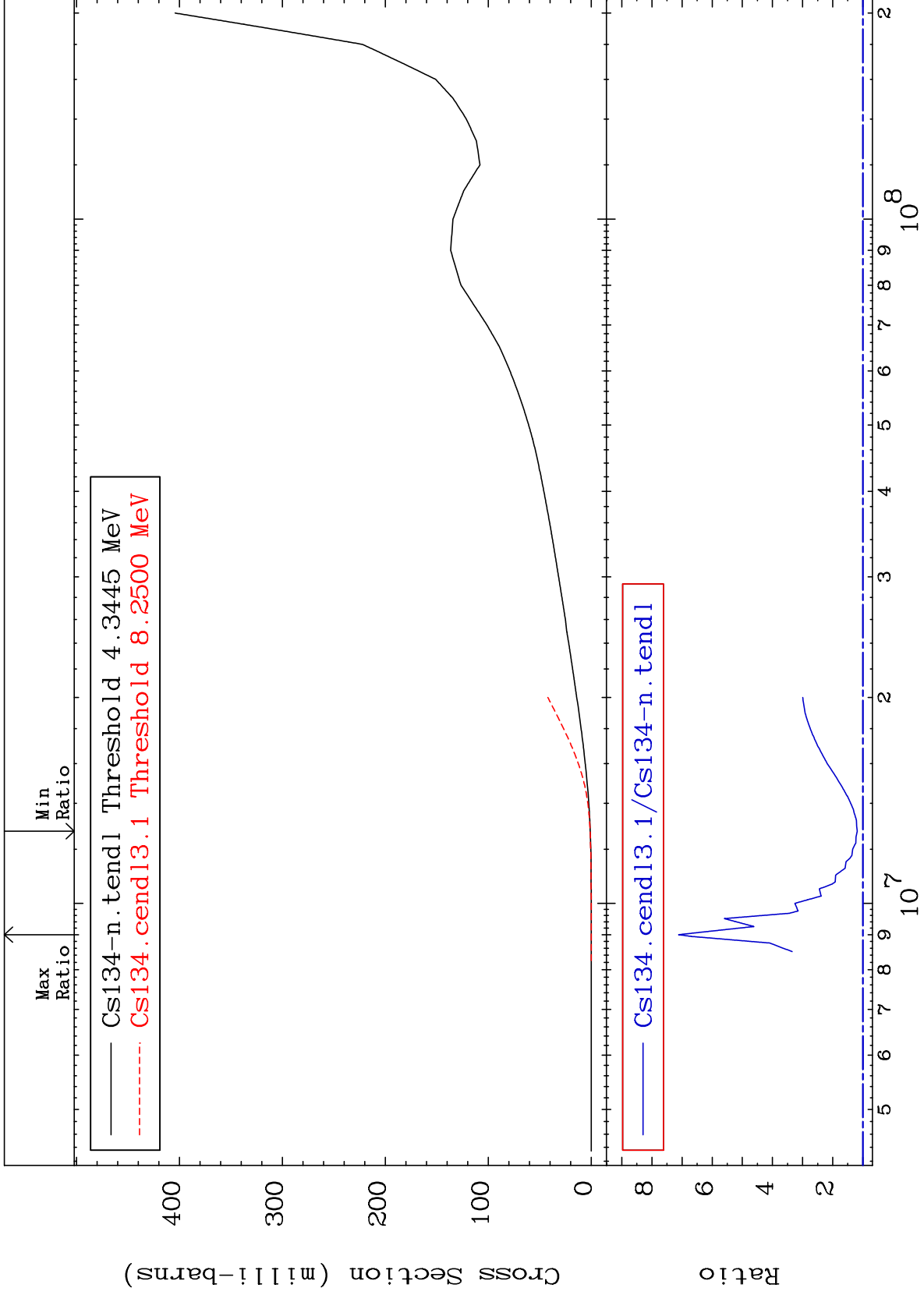
55-Cs-134



MAT 5528

Deuterium Production
Cross Section

55-Cs-134
18.56 To 611.4 %



31

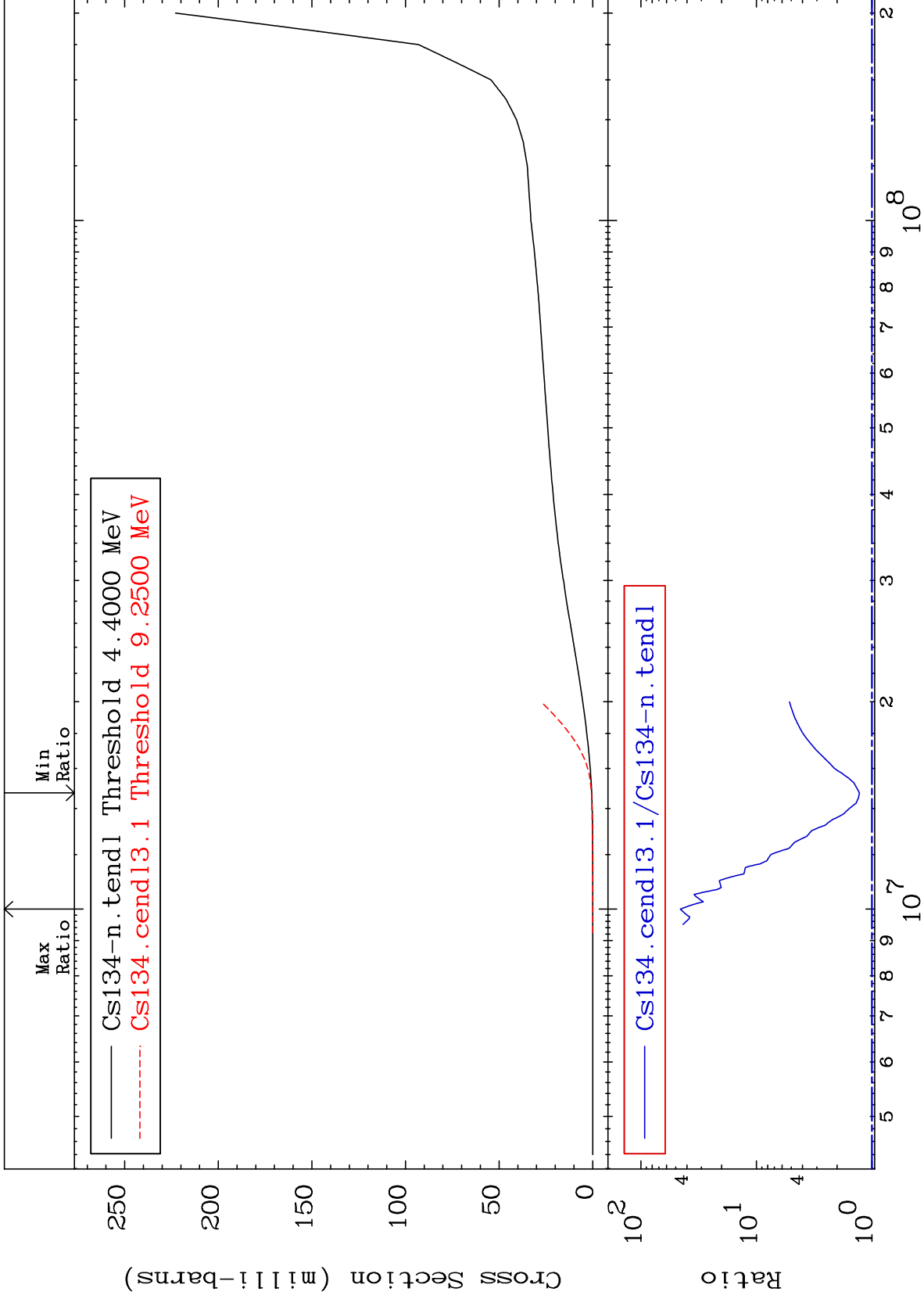
Incident Energy (eV)

55-Cs-134

MAT 5528

Tritium Production
Cross Section

55-Cs-134
28.29 To 4461. %



32

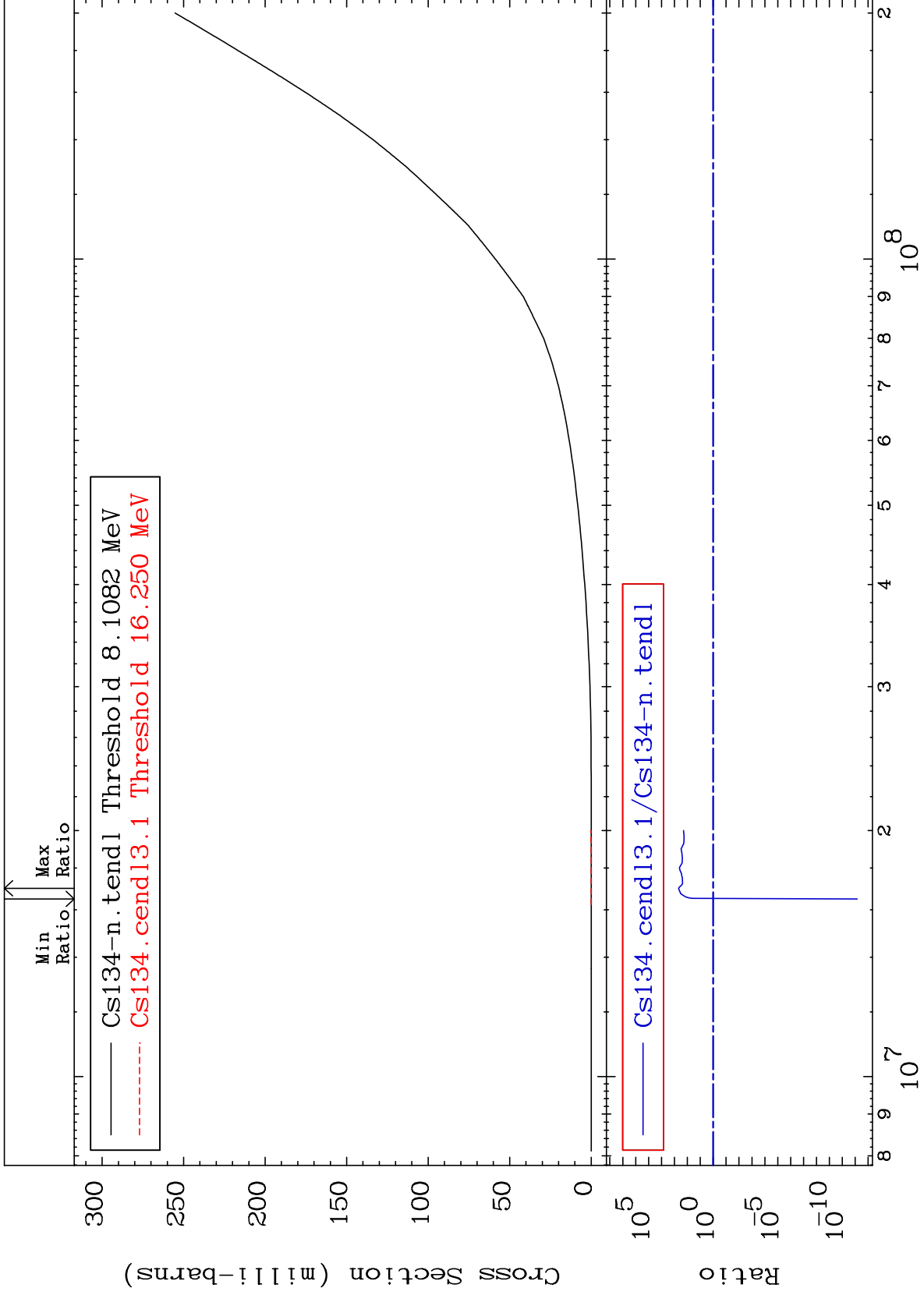
Incident Energy (eV)

55-Cs-134

MAT 5528

He-3 Production
Cross Section

55-Cs-134
-100.0 To 9999. %



33

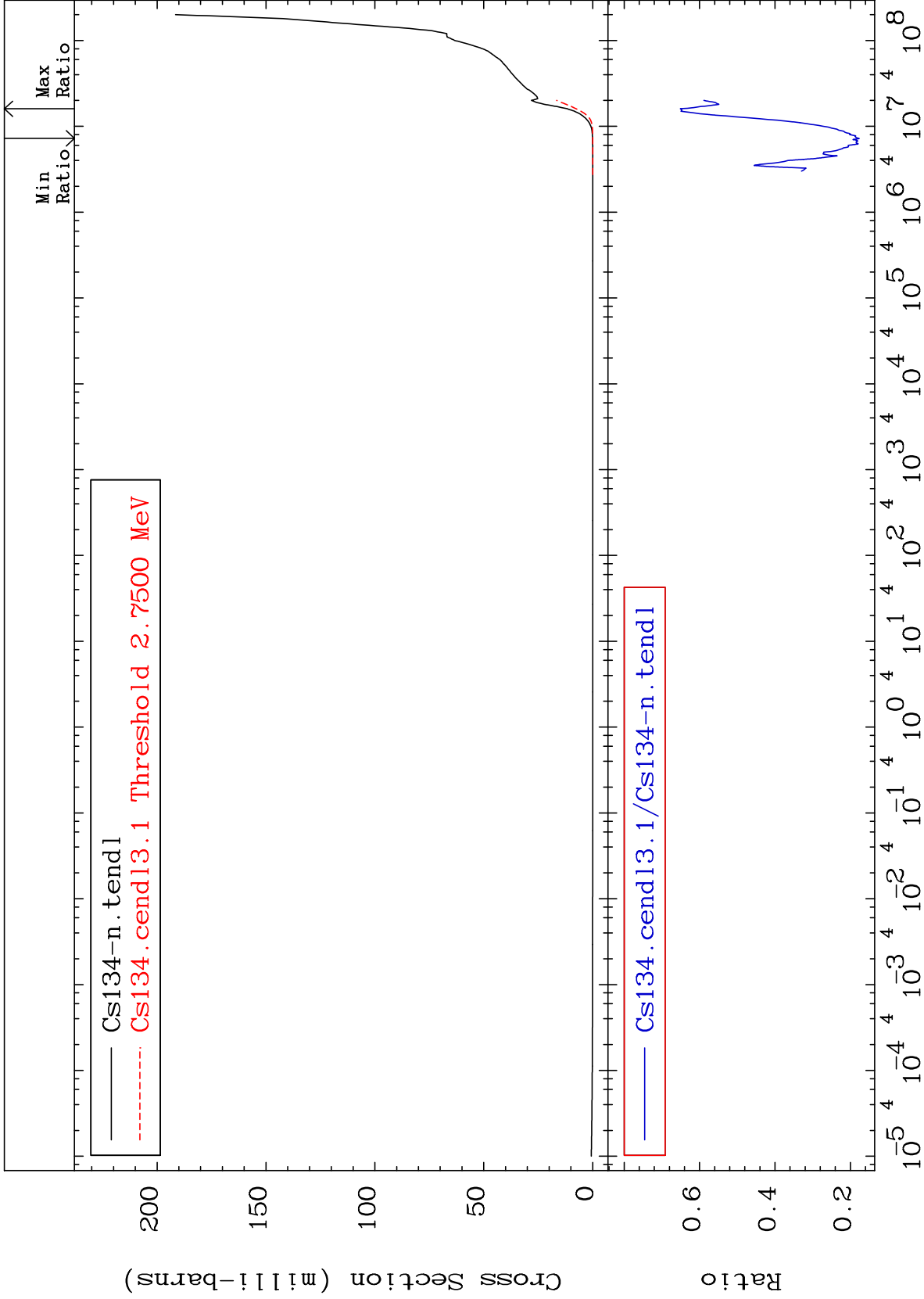
Incident Energy (eV)

55-Cs-134

MAT 5528

He-4 Production
Cross Section

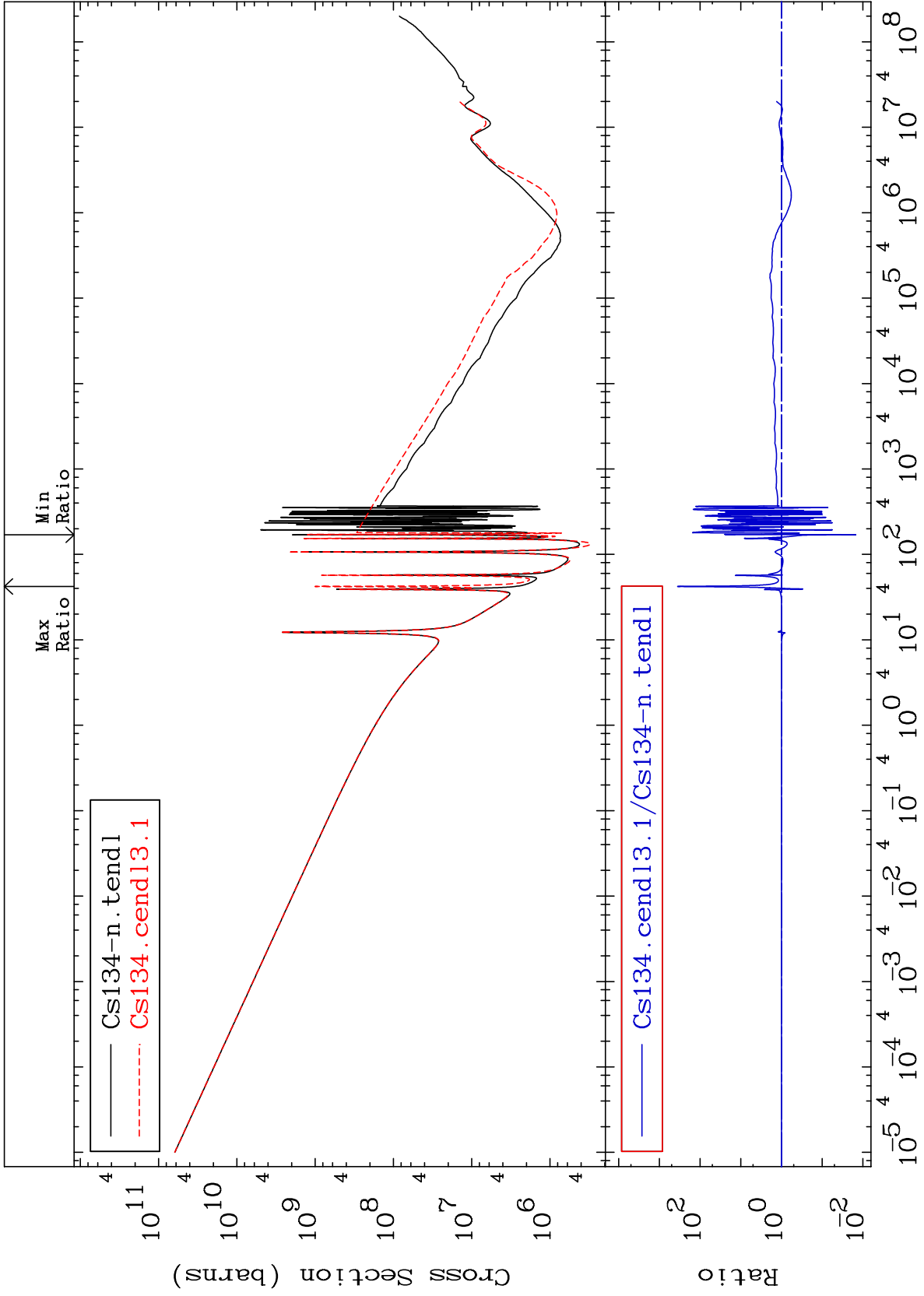
55-Cs-134
-82.39 To -34.90%



34

Incident Energy (eV)

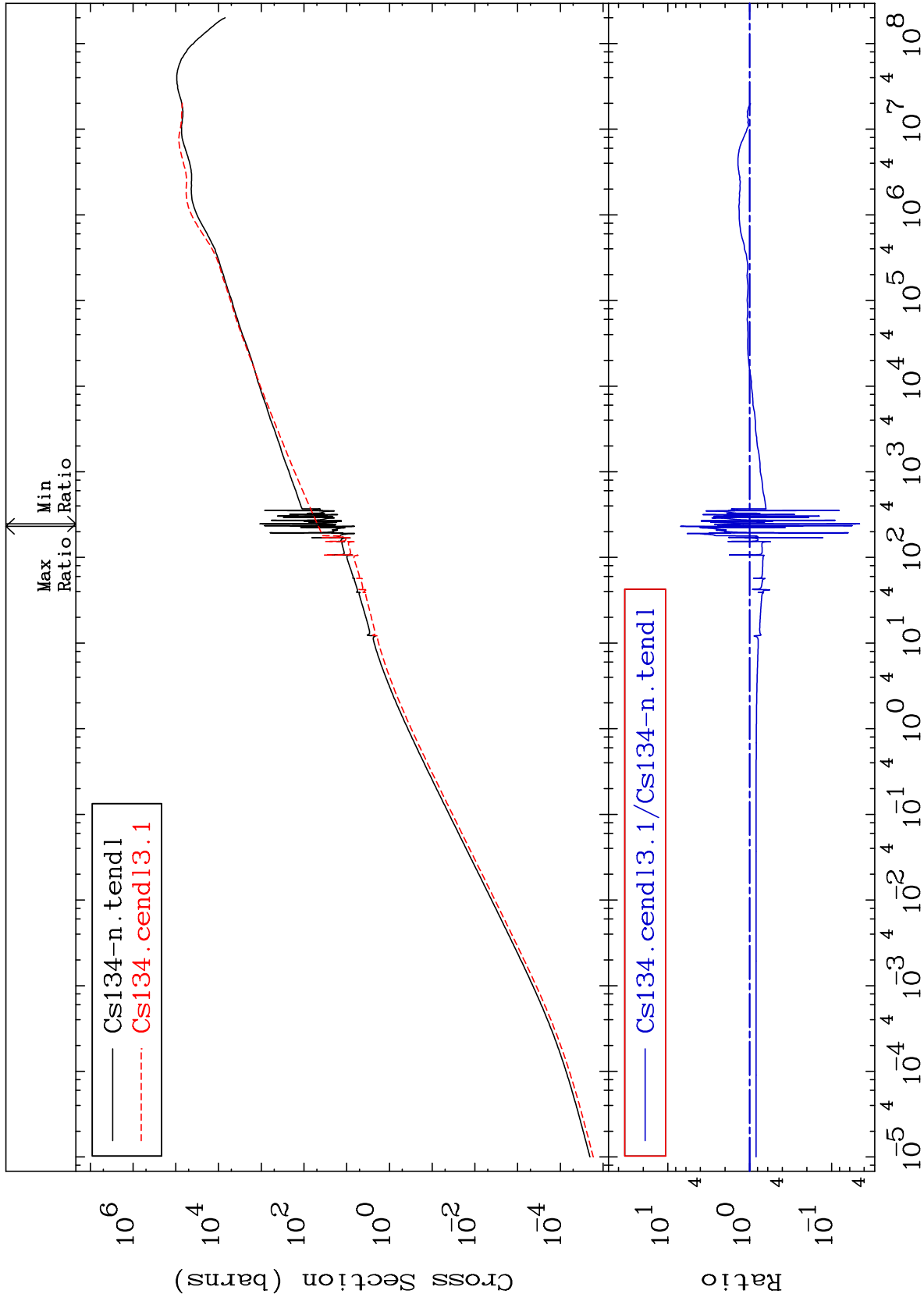
55-Cs-134

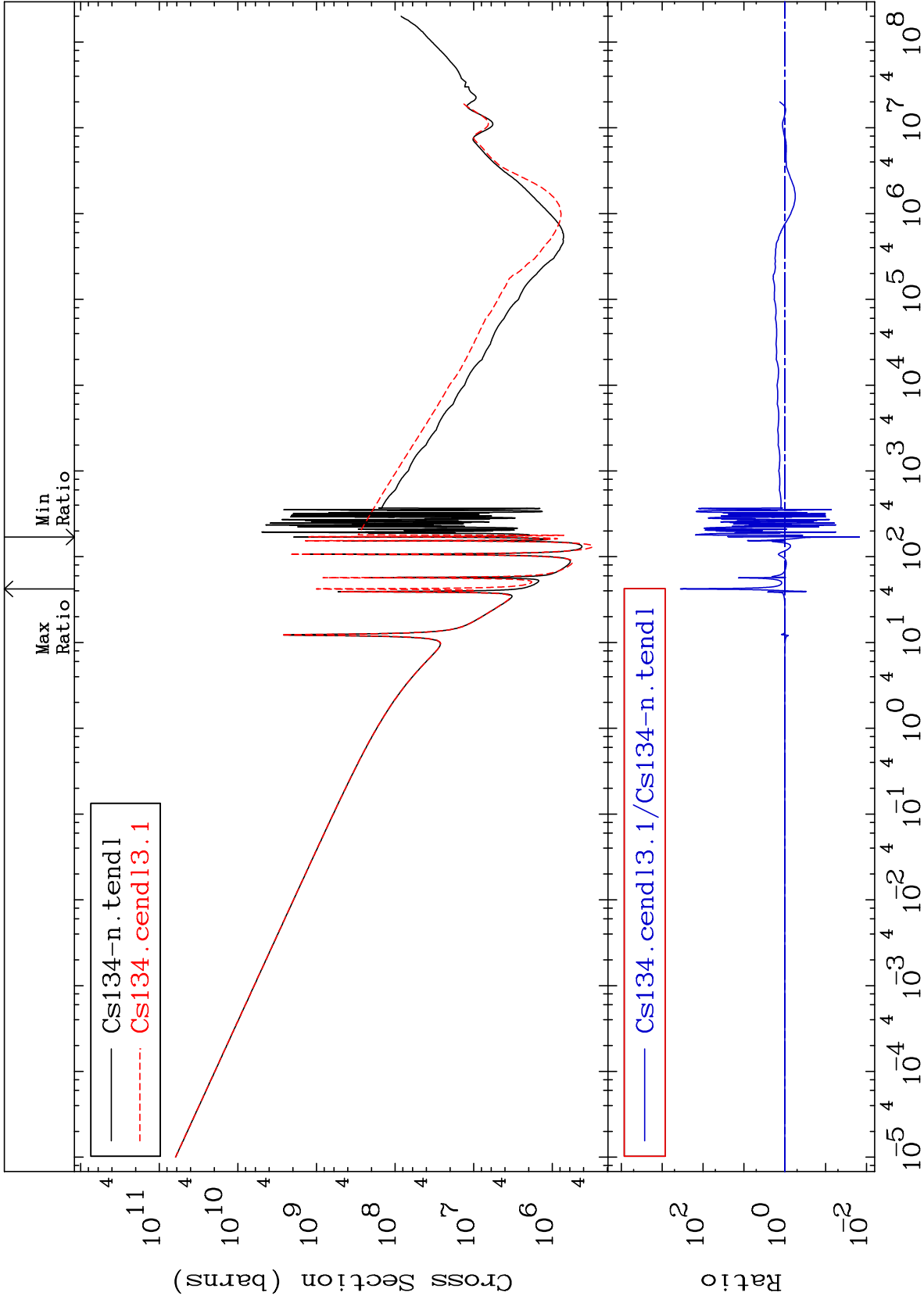


MAT 5528

Kerma elastic
Cross Section

55-Cs-134
-95.45 To 594.4 %

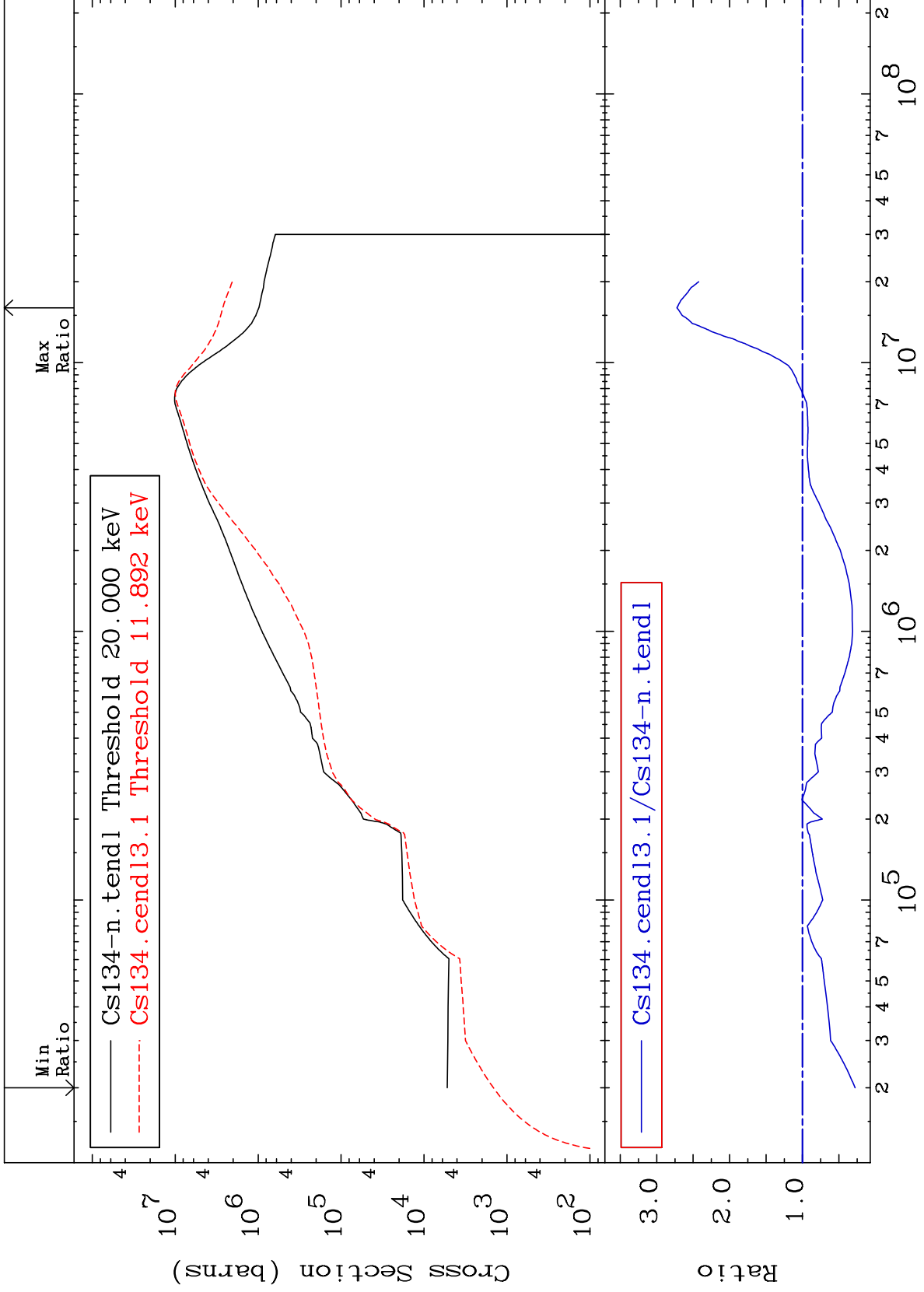




MAT 5528

Kerma inelastic (mt51-91)
Cross Section

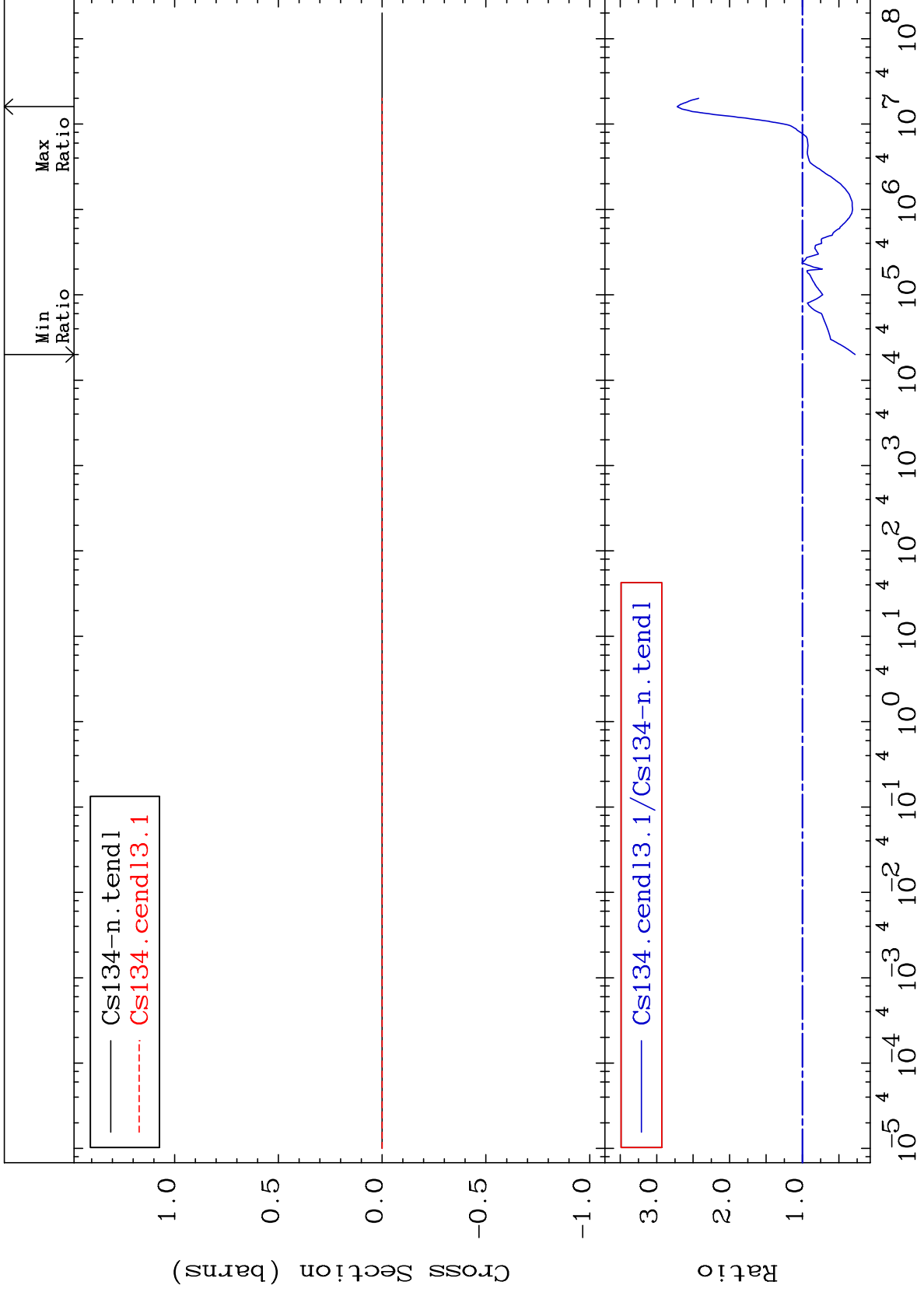
55-Cs-134
-72.20 To 172.3 %



MAT 5528

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

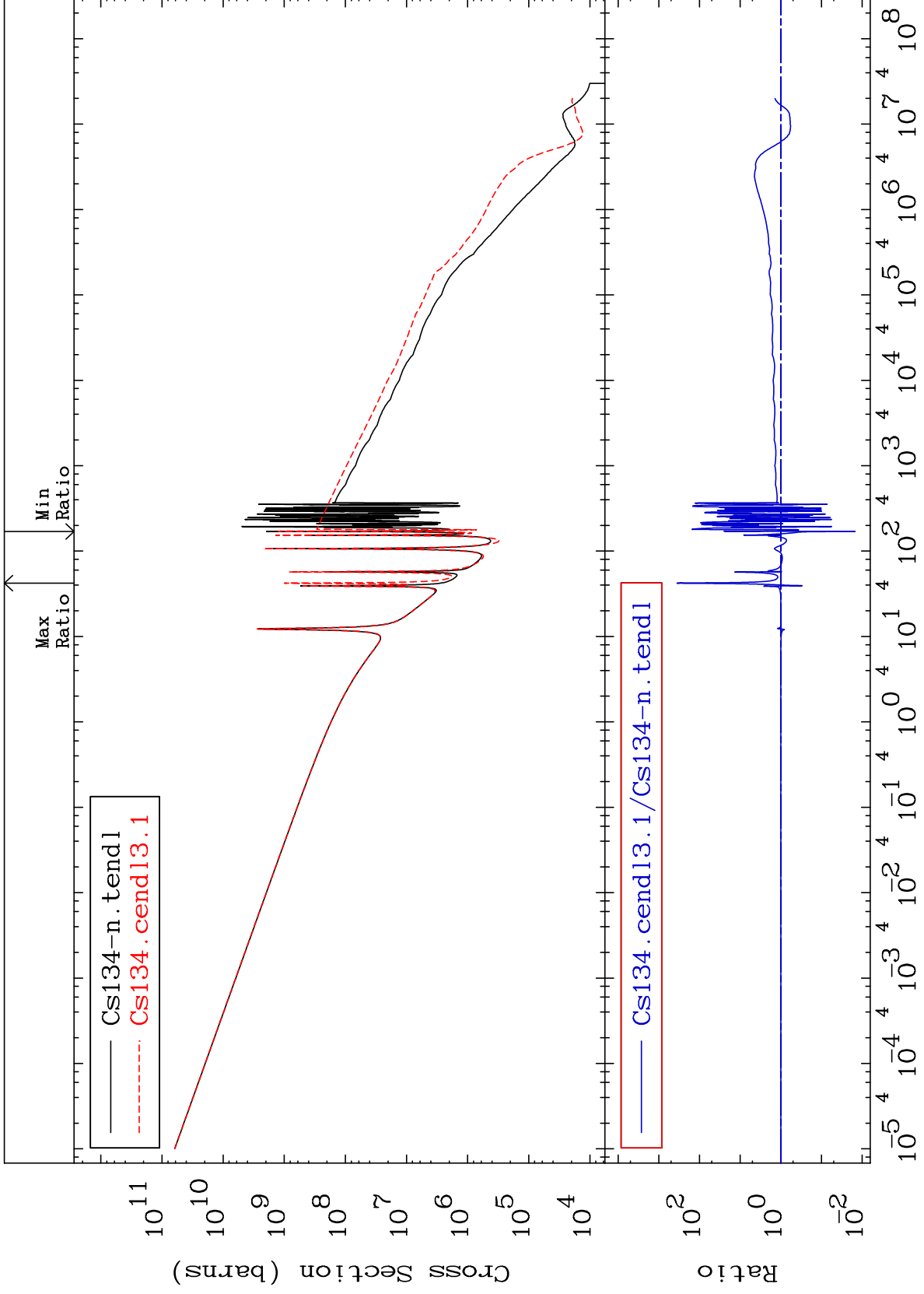
55-Cs-134
-72.20 To 172.3 %



MAT 5528

Kerma capture (mt102)
Cross Section

55-Cs-134
-98.50 To 9999. %

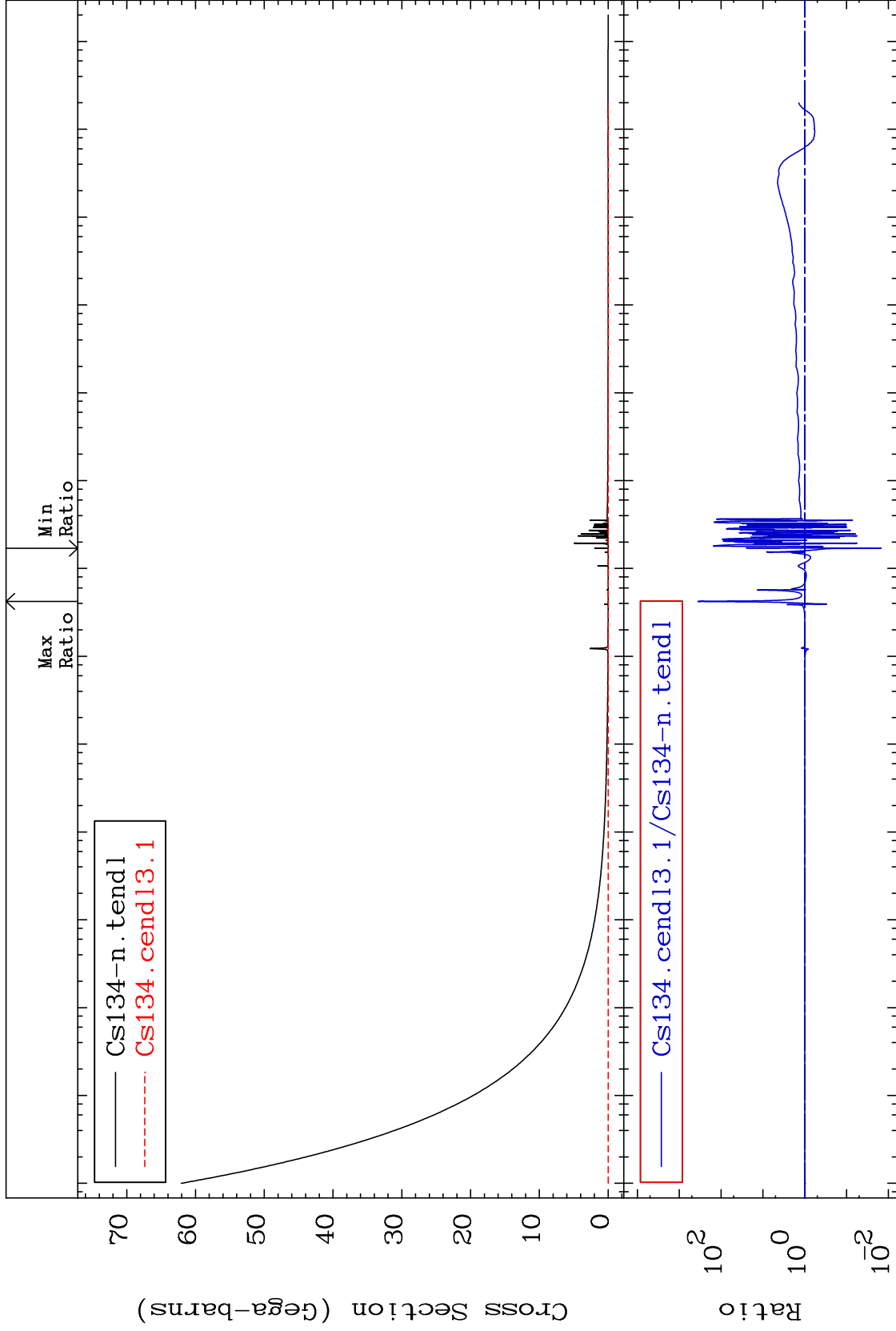


40

Incident Energy (eV)

55-Cs-134

Cross Section



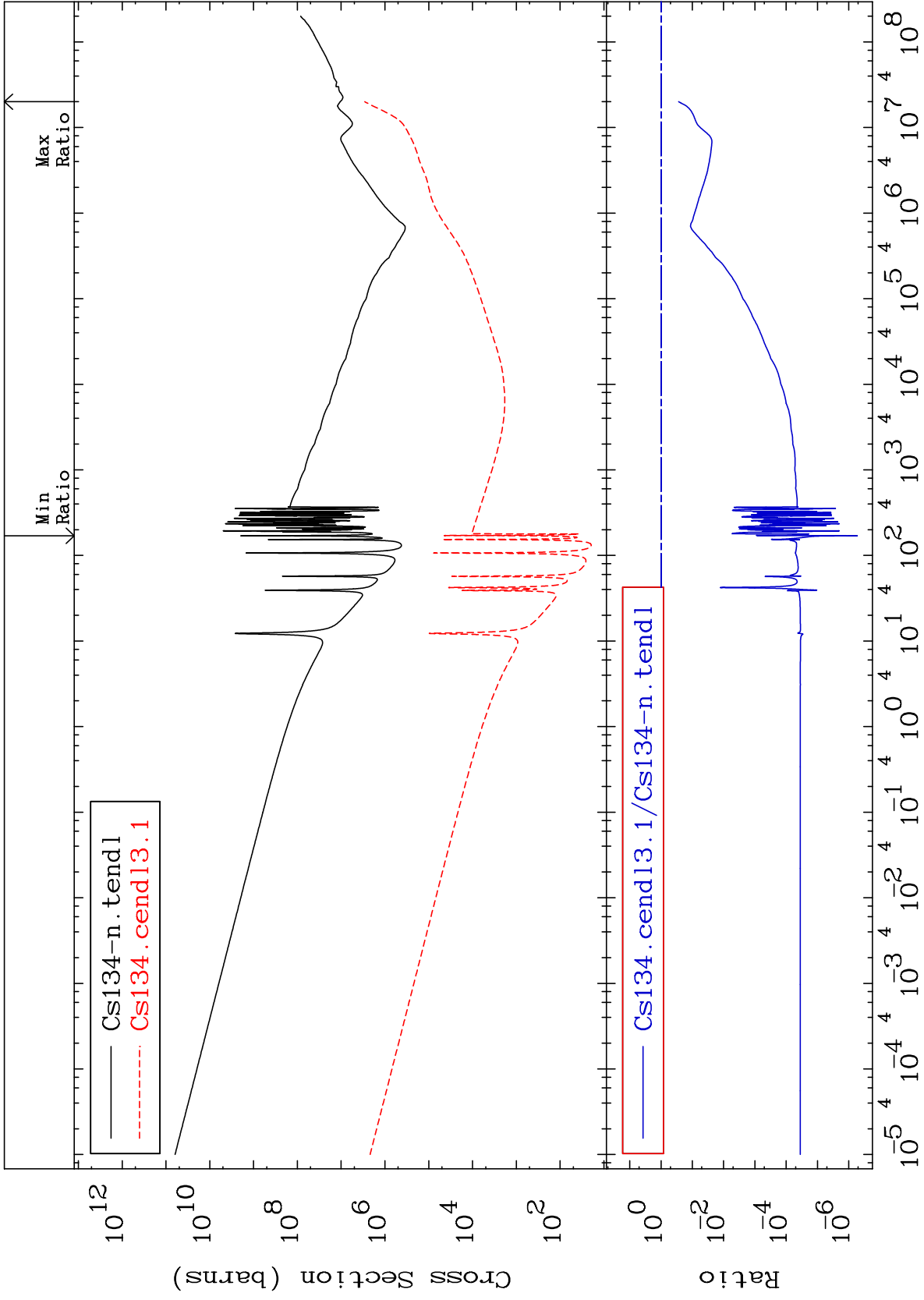
MAT 5528

Total kinematic kerma (high limit)

55-Cs-134

Cross Section

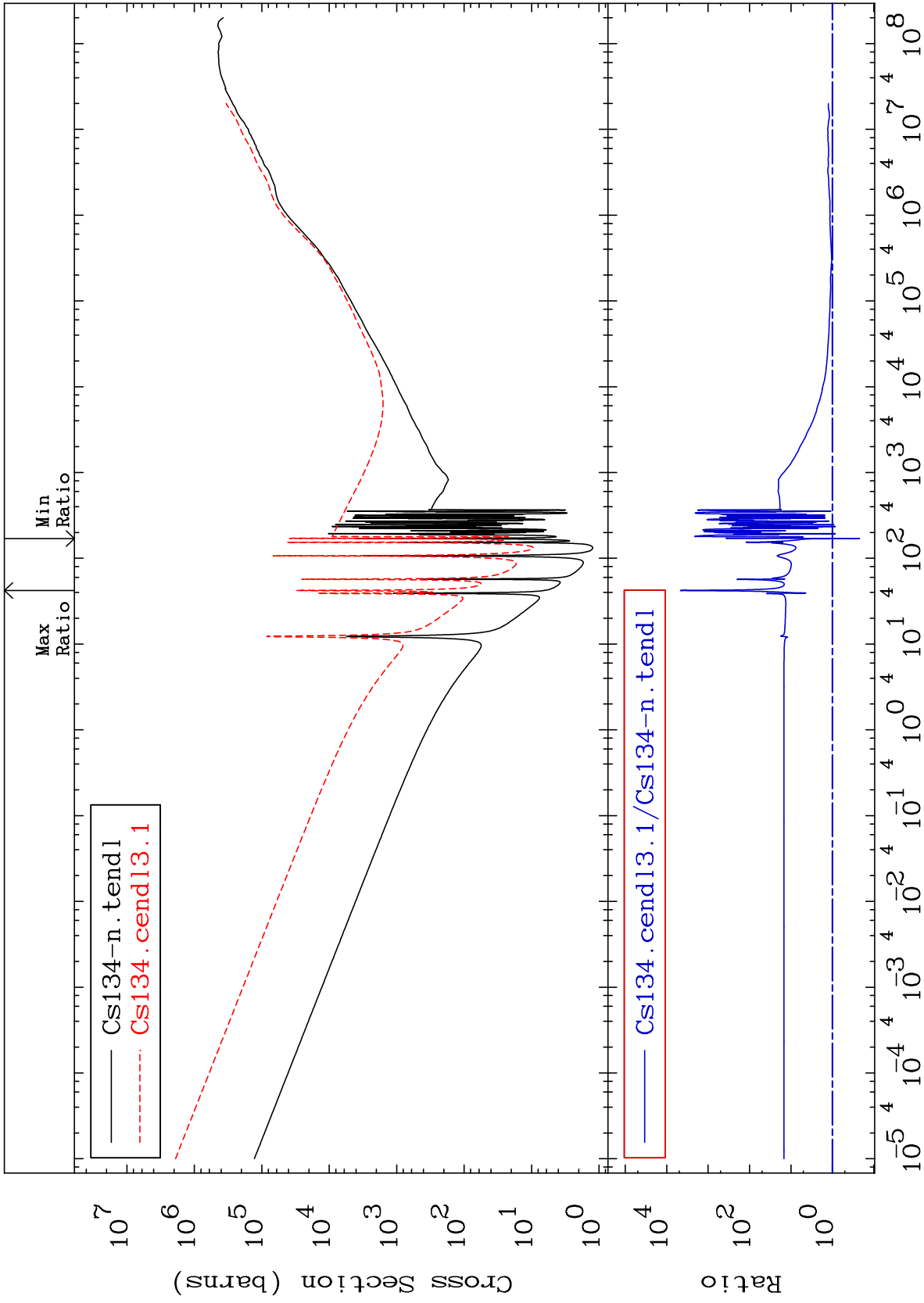
-100.0 To -72.62%



42

Incident Energy (eV)

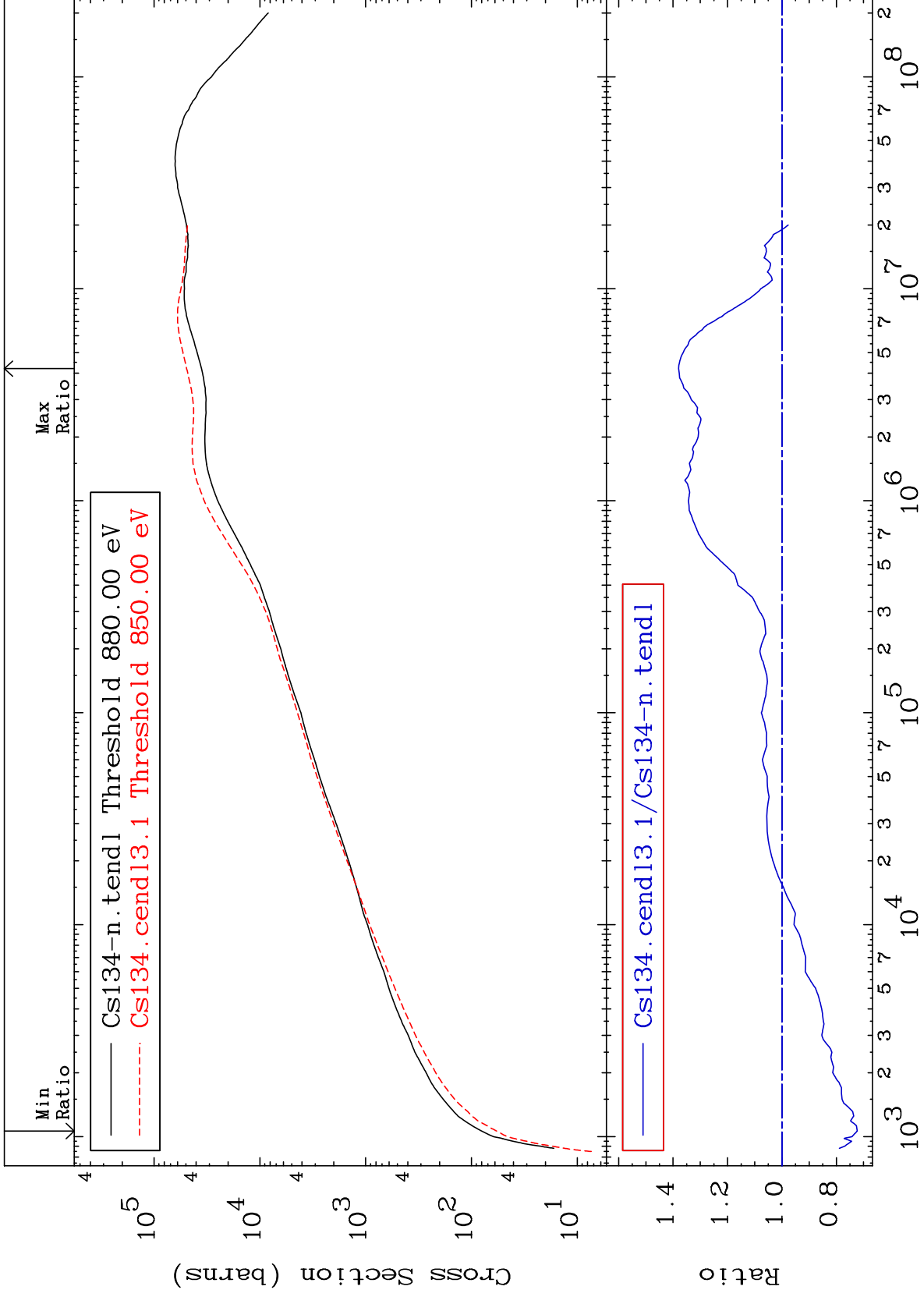
55-Cs-134



MAT 5528

Dpa elastic (mt2)
Cross Section

55-Cs-134
-27.67 To 37.95 %



44

Incident Energy (eV)

55-Cs-134

MAT 5528

Dpa inelastic (mt51-91)
Cross Section

55-Cs-134
-72.06 To 335.3 %

