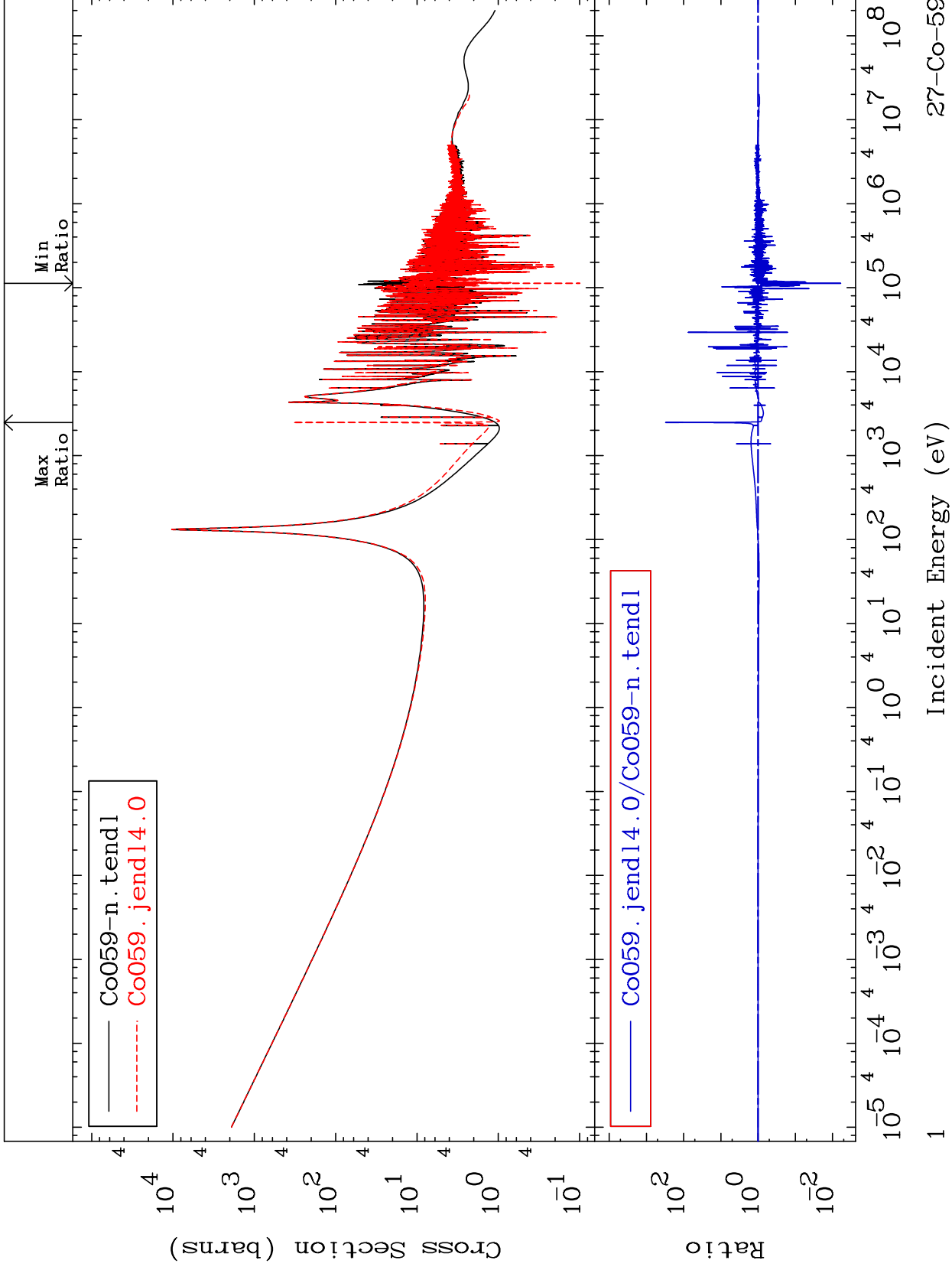


MAT 2725

Total
Cross Section

27-Co-59
-99.39 To 9999. %

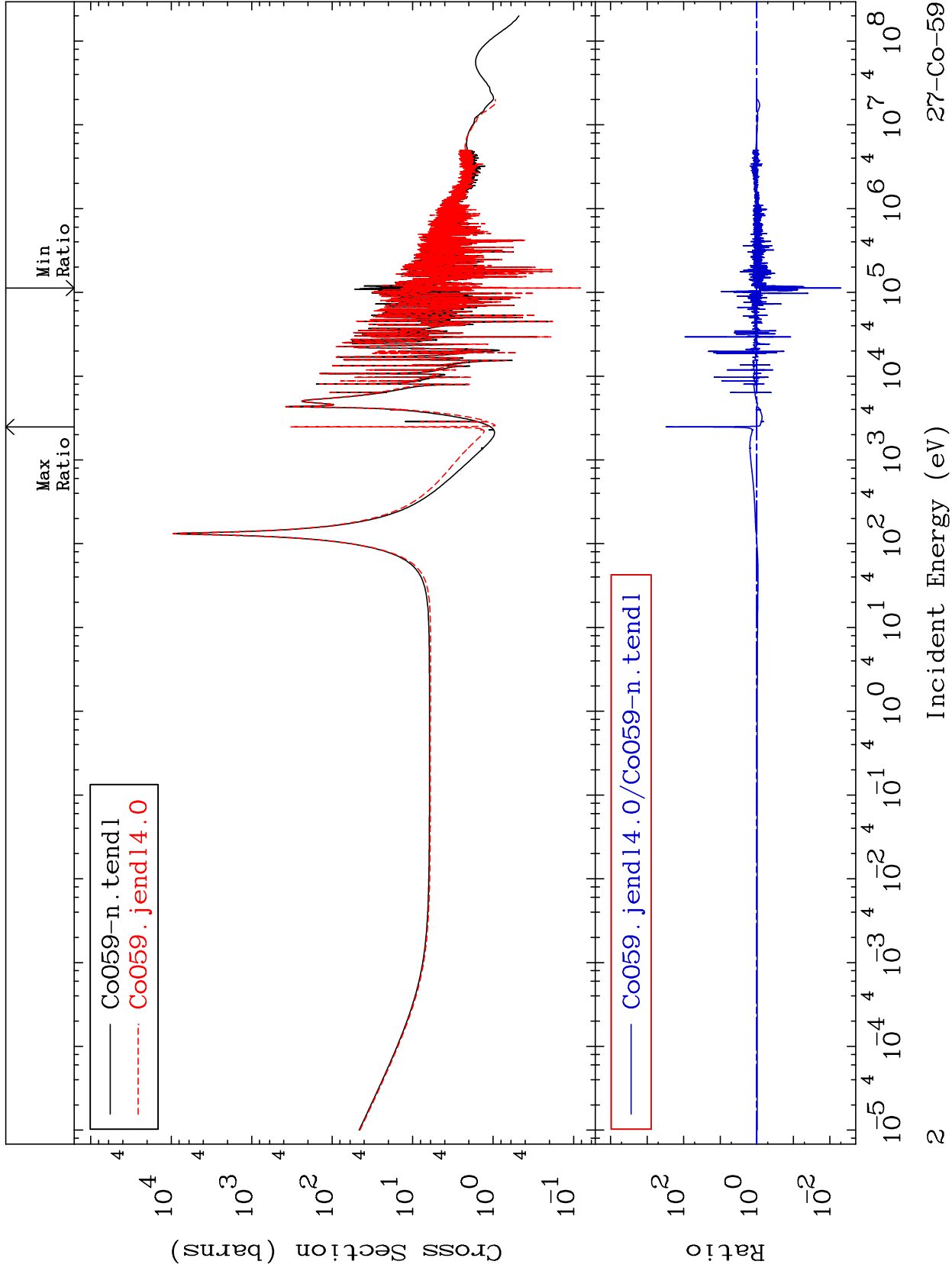


27-Co-59

MAT 2725

Elastic
Cross Section

27-Co-59
-99.50 To 9999. %

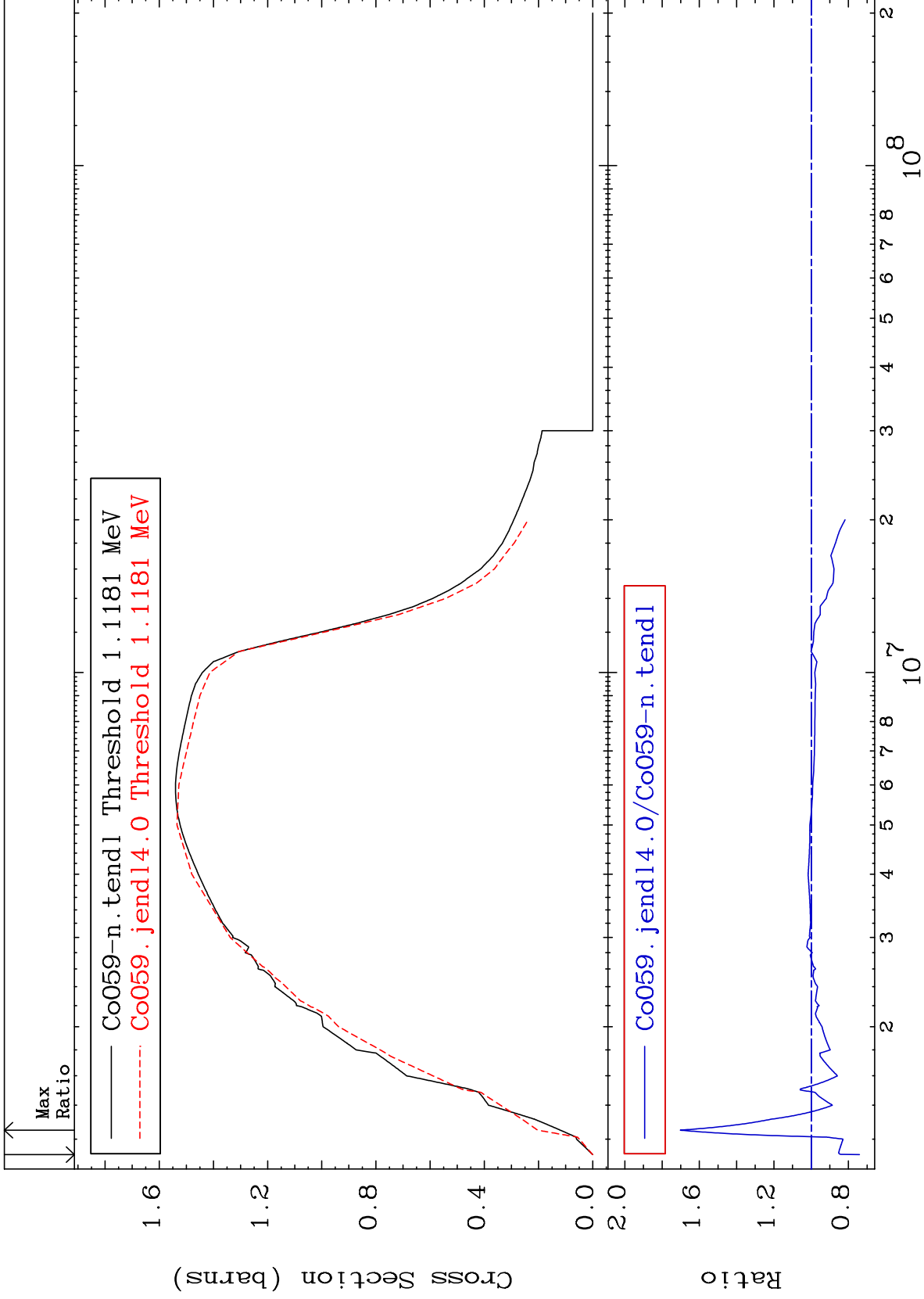


27-Co-59

MAT 2725

Inelastic
Cross Section

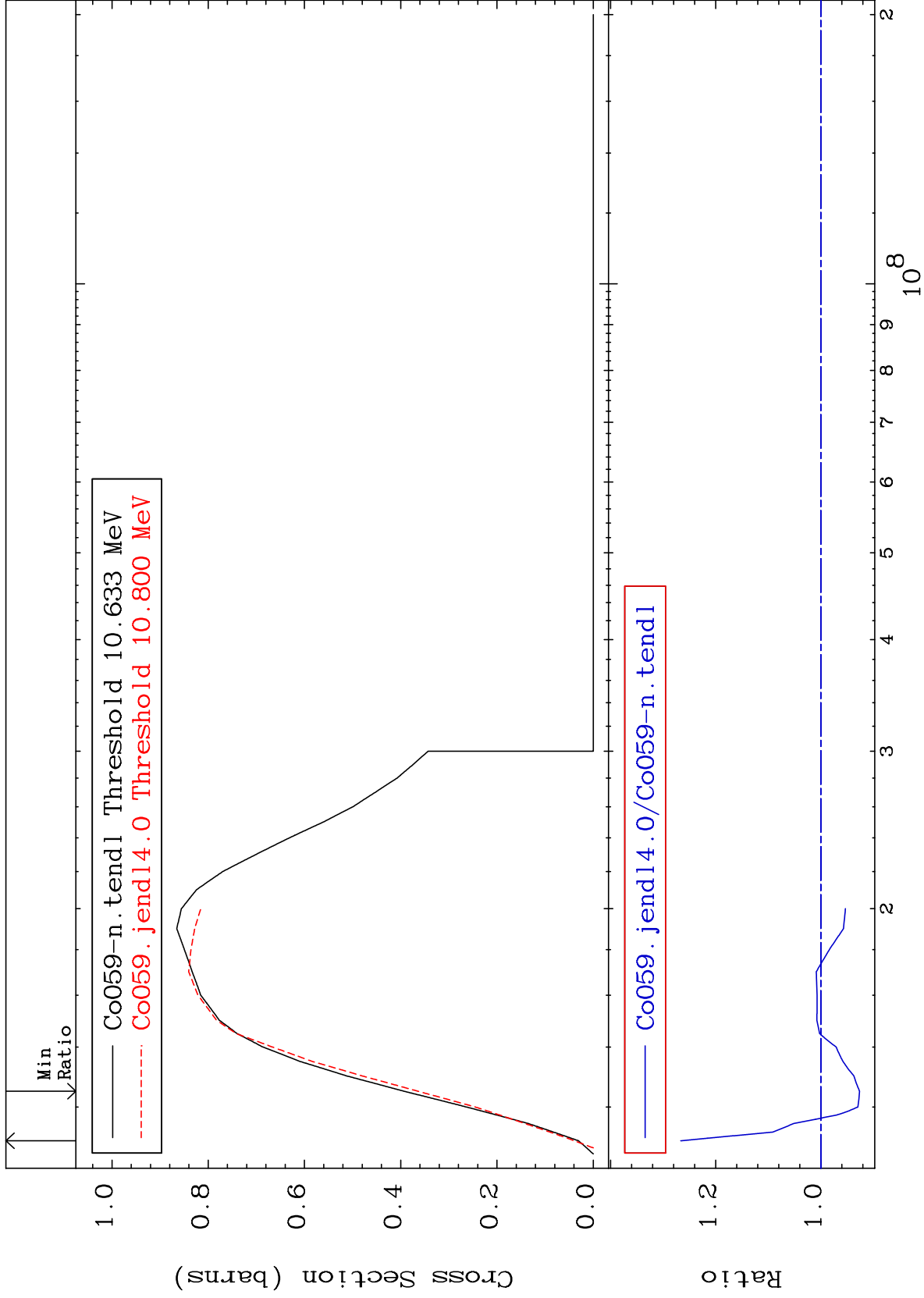
27-Co-59
-25.88 To 70.19 %



MAT 2725

(n,2n)
Cross Section

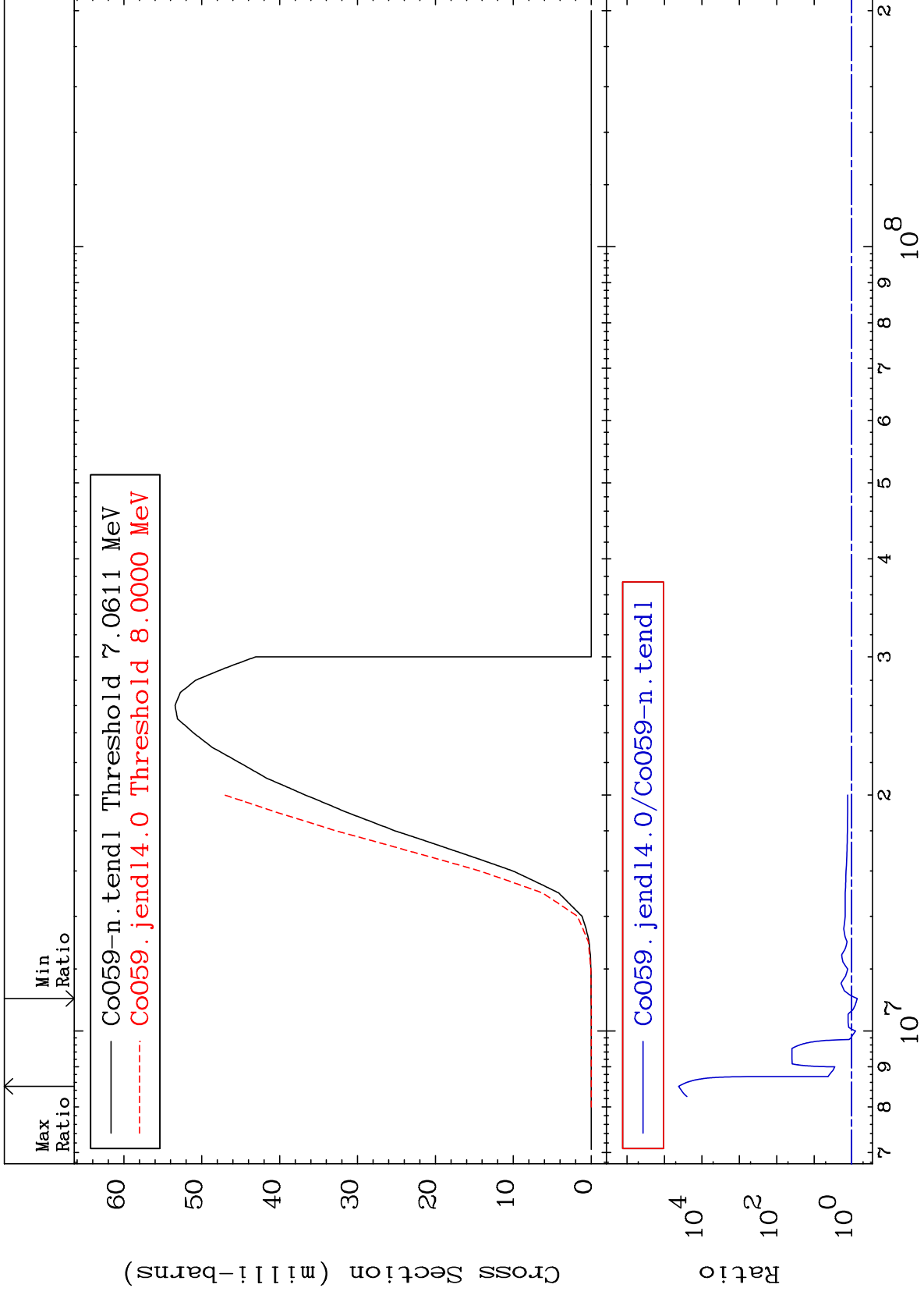
27-Co-59
-7.361 To 26.65 %



MAT 2725

(n,n') α
Cross Section

27-Co-59
-28.79 To 9999. %



5

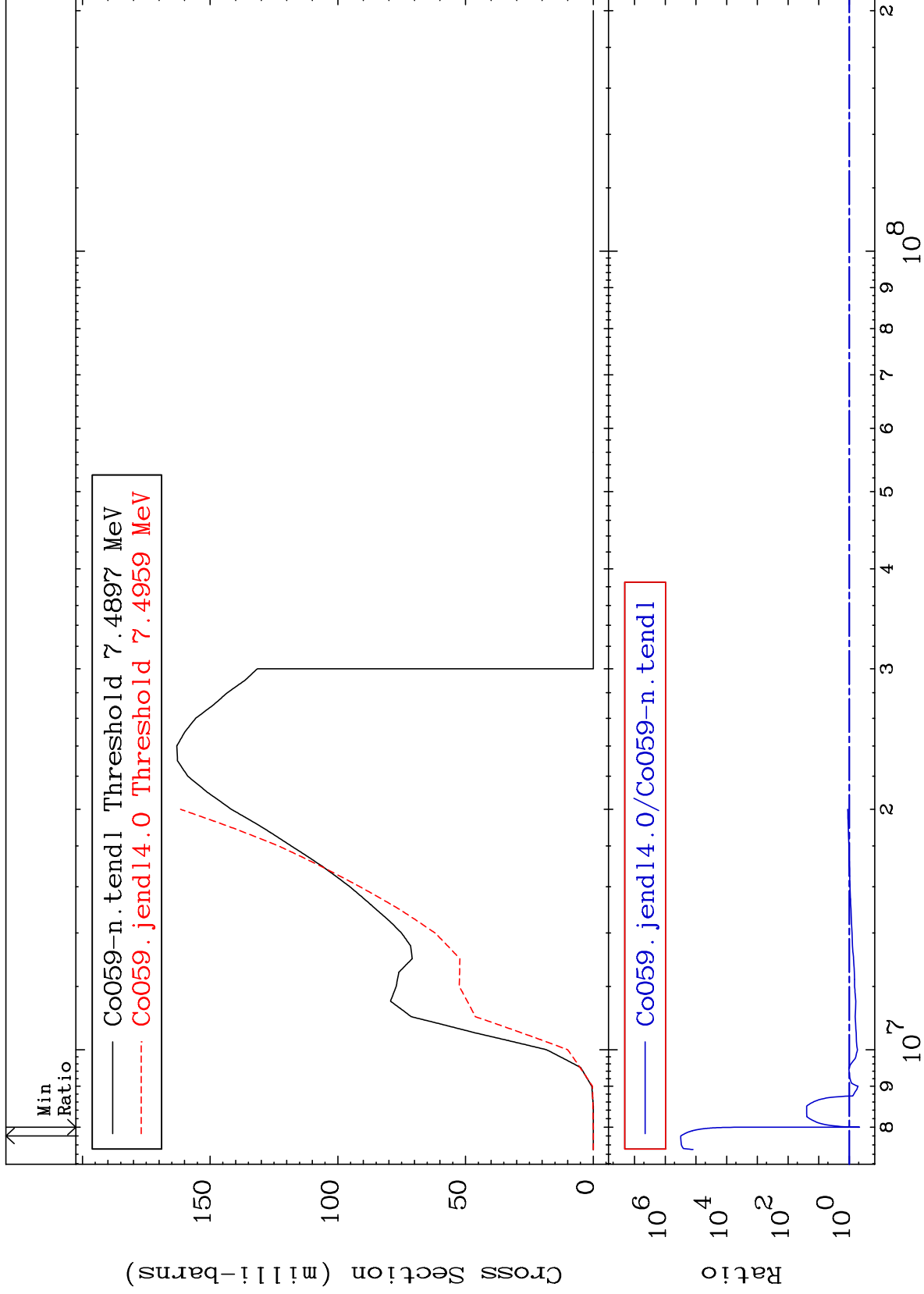
27-Co-59

27-Co-59

MAT 2725

(n,n') p
Cross Section

27-Co-59
-53.13 To 9999. %



6

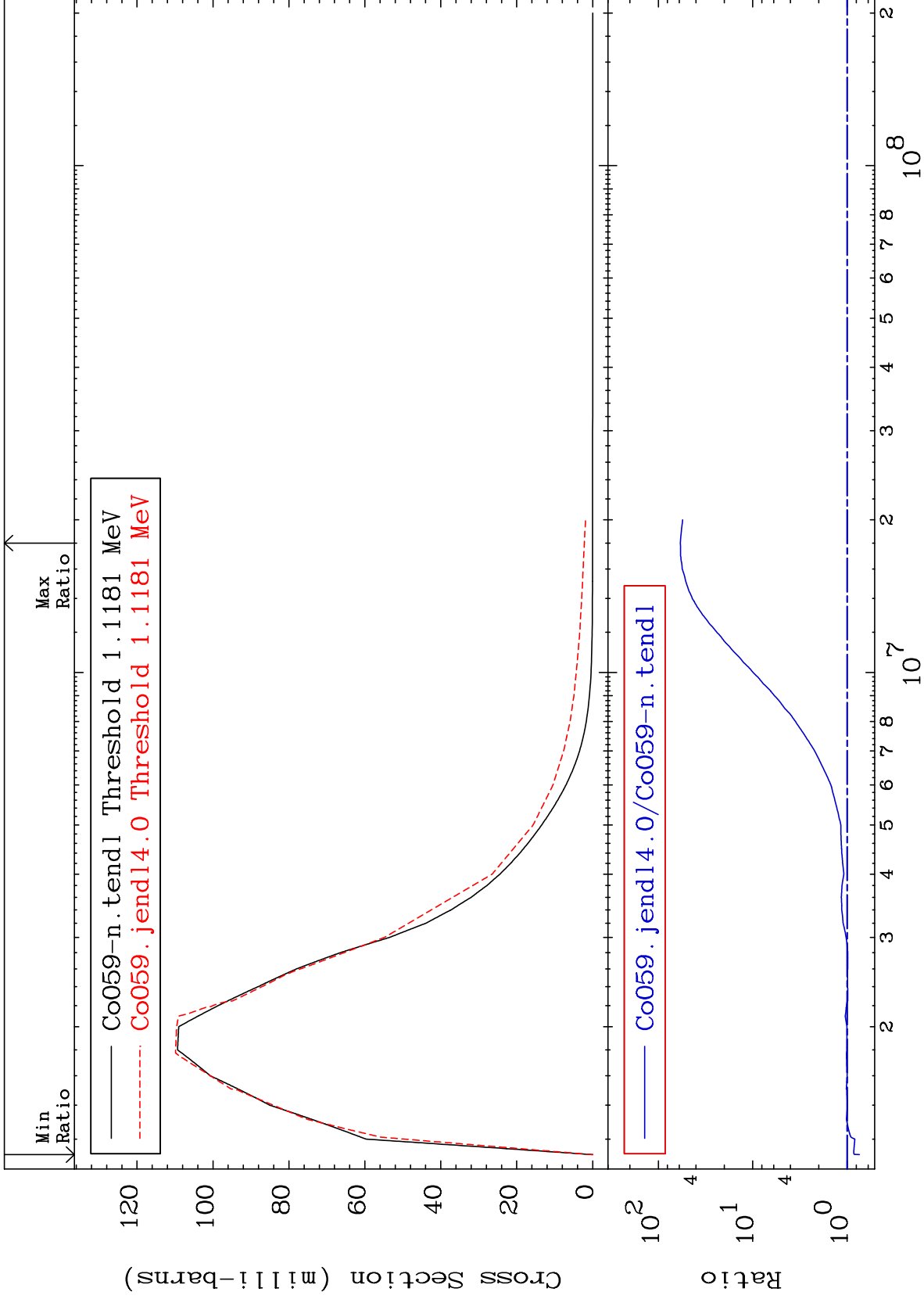
Incident Energy (eV)

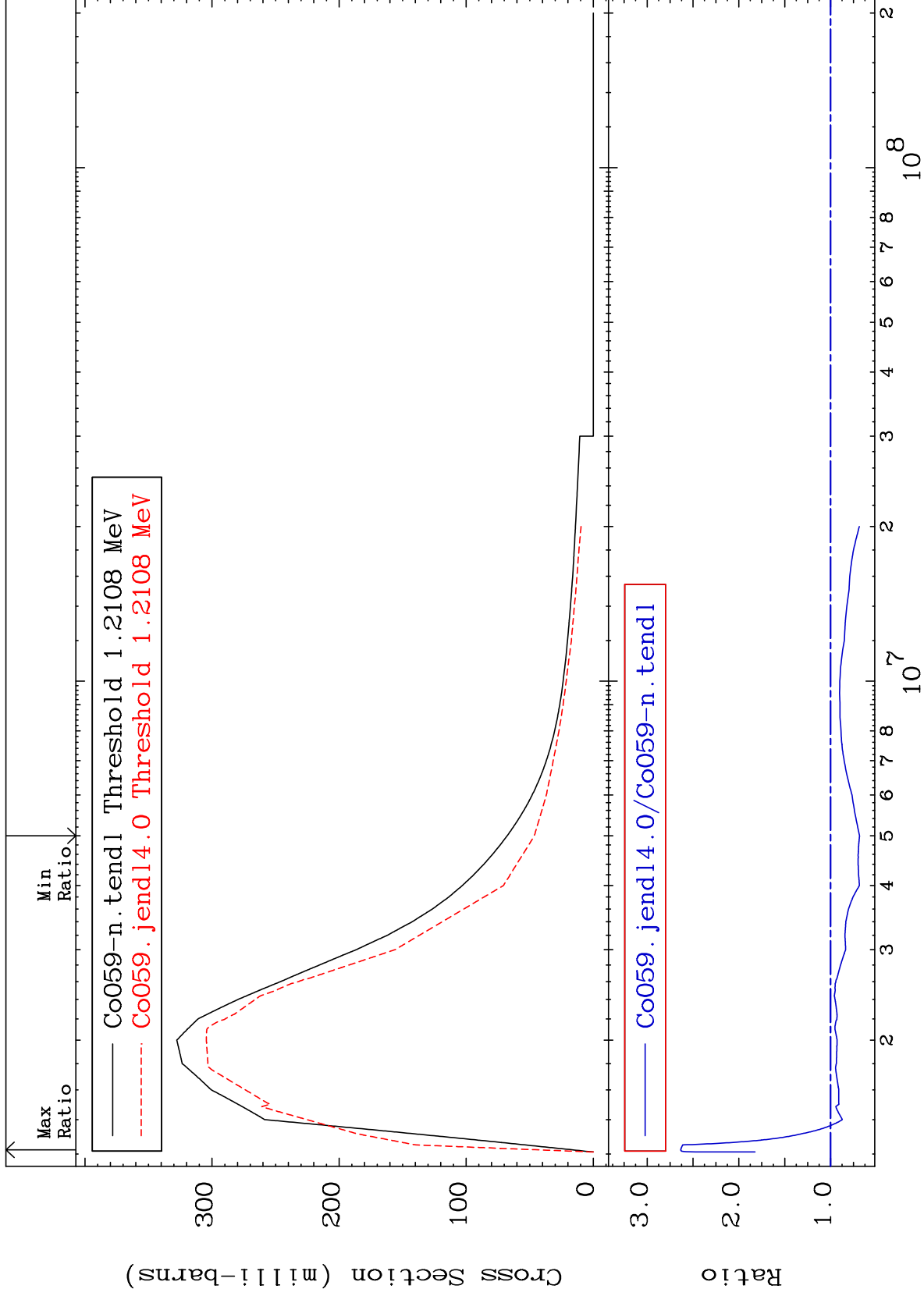
27-Co-59

MAT 2725

1.099 MeV (n,n') Level
Cross Section

27-Co-59
-25.88 To 5742. %

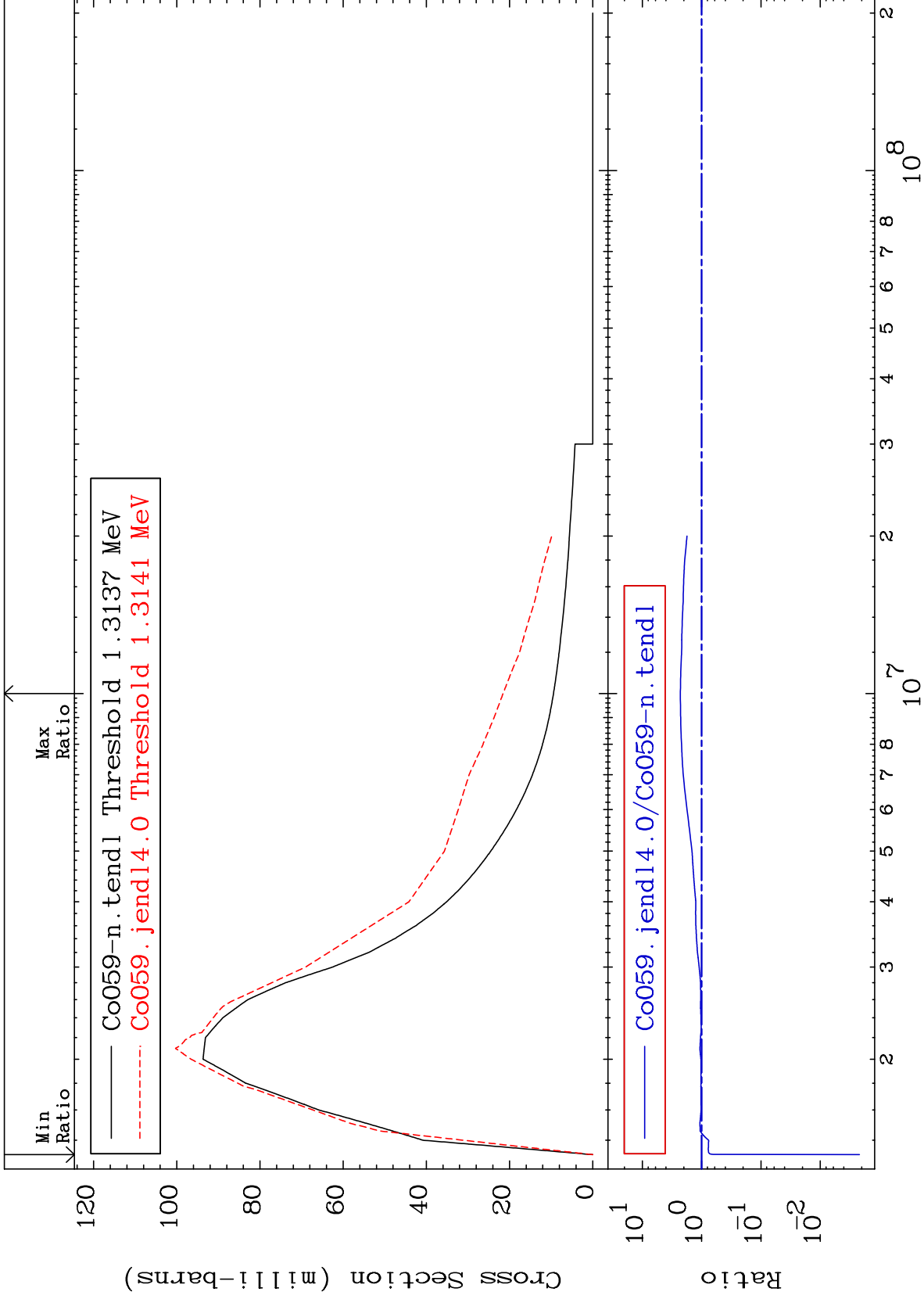




MAT 2725

1.292 MeV (n,n') Level
Cross Section

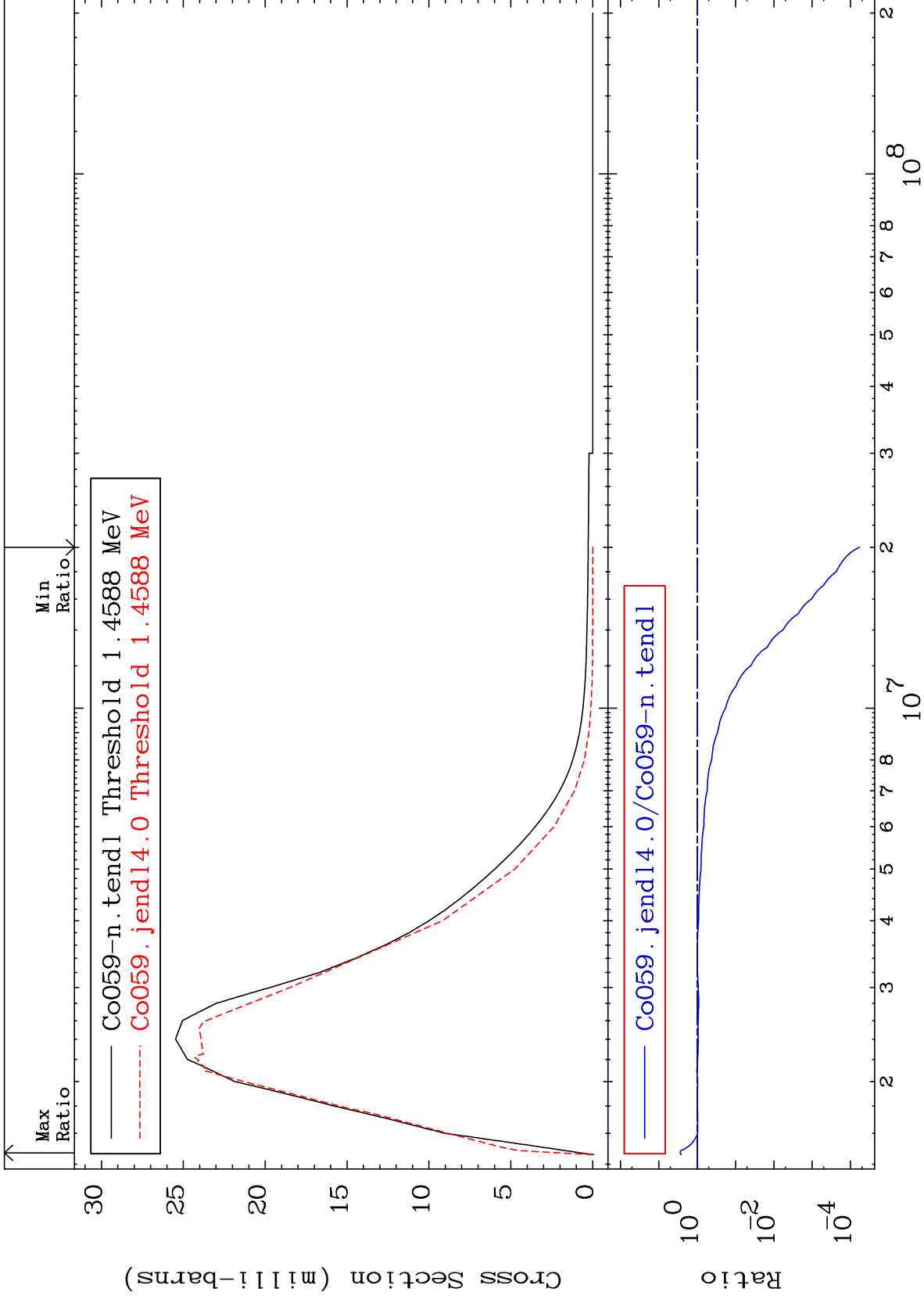
27-Co-59
-99.78 To 128.7 %



MAT 2725

1.434 MeV (n,n') Level
Cross Section

27-Co-59
-99.99 To 174.4 %



10

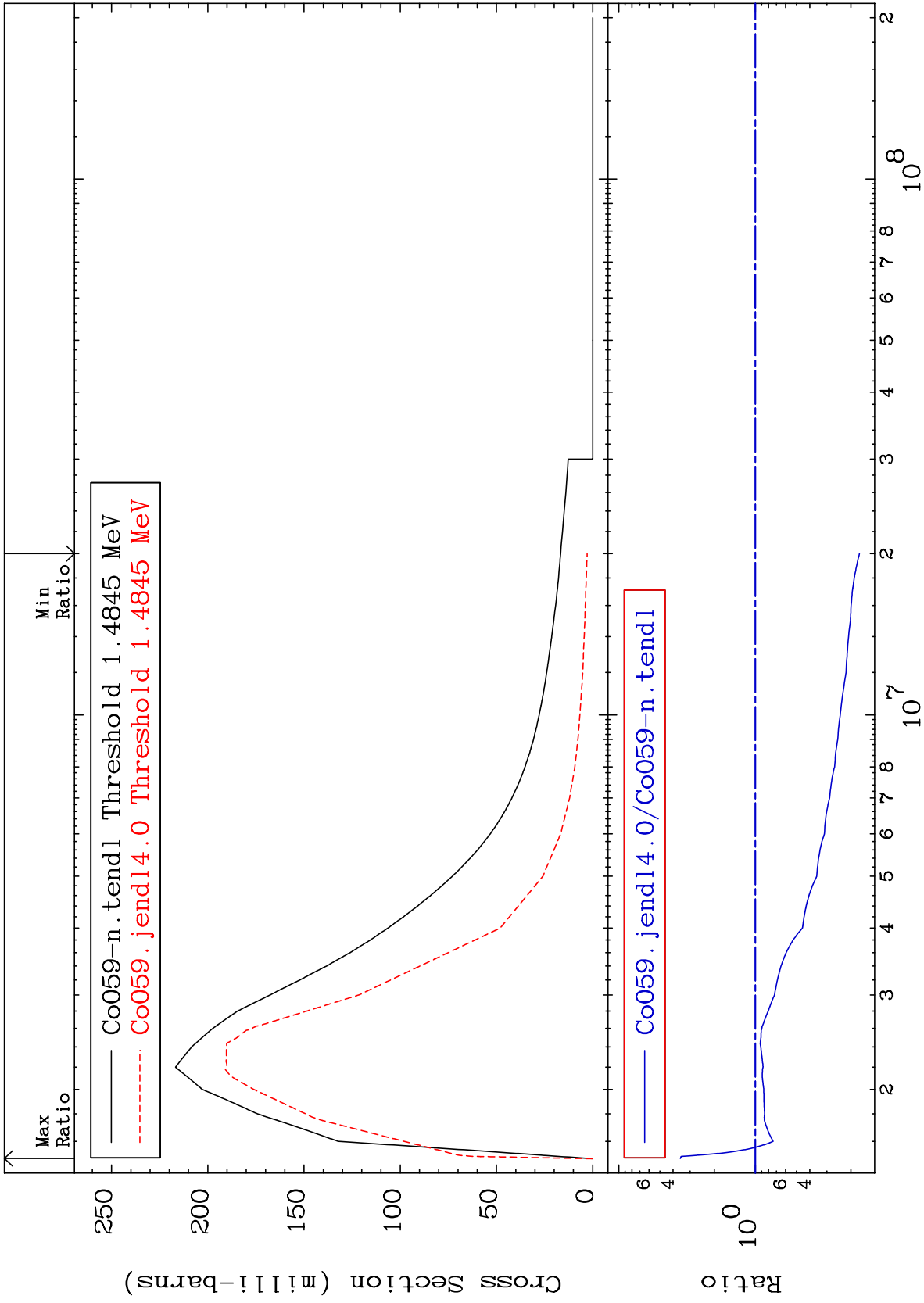
Incident Energy (eV)

27-Co-59

MAT 2725

1.460 MeV (n,n') Level
Cross Section

27-Co-59
-82.68 To 253.9 %



11

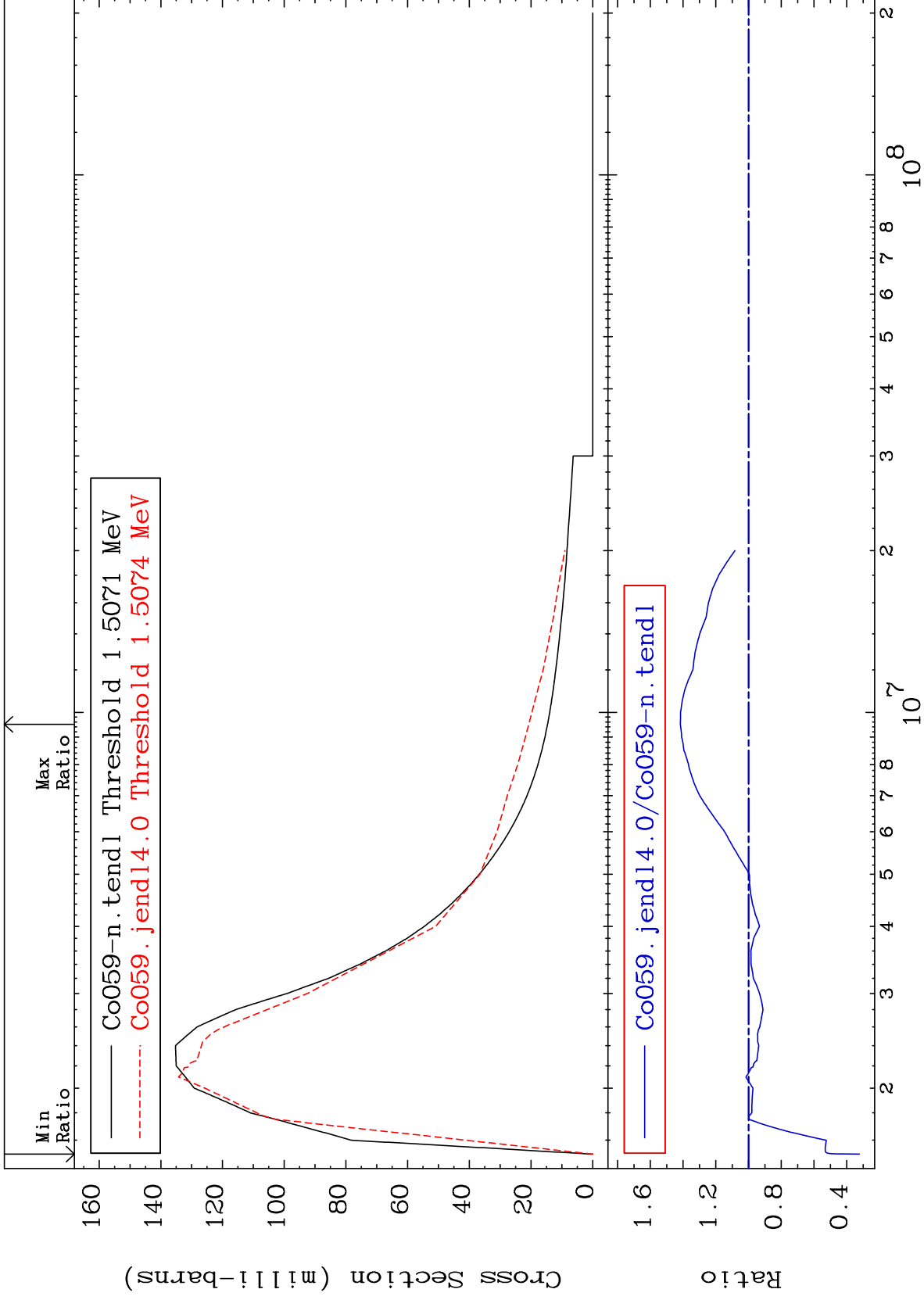
Incident Energy (eV)

27-Co-59

MAT 2725

1.482 MeV (n,n') Level
Cross Section

27-Co-59
-67.72 To 41.69 %



12

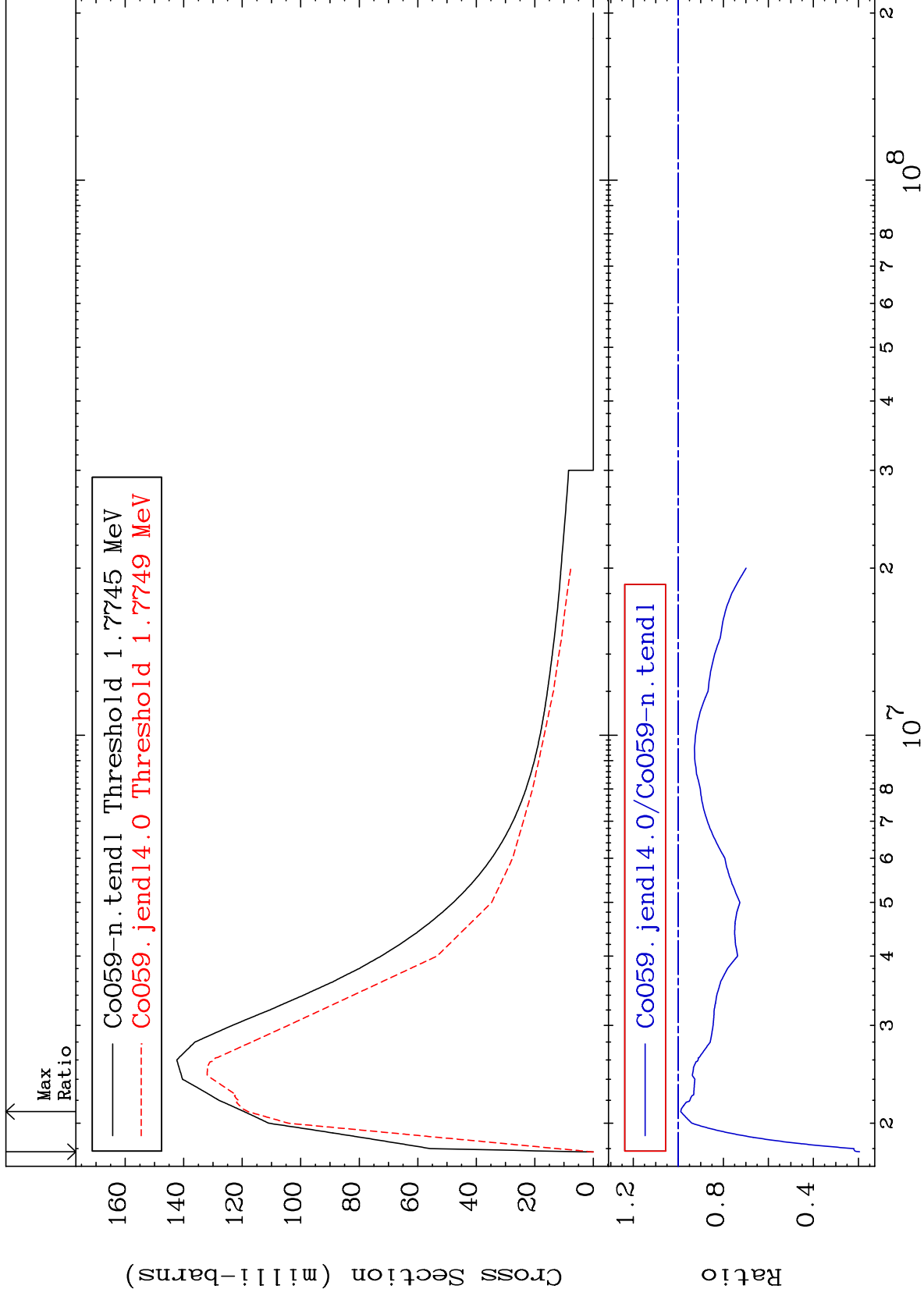
Incident Energy (eV)

27-Co-59

MAT 2725

1.745 MeV (n,n') Level
Cross Section

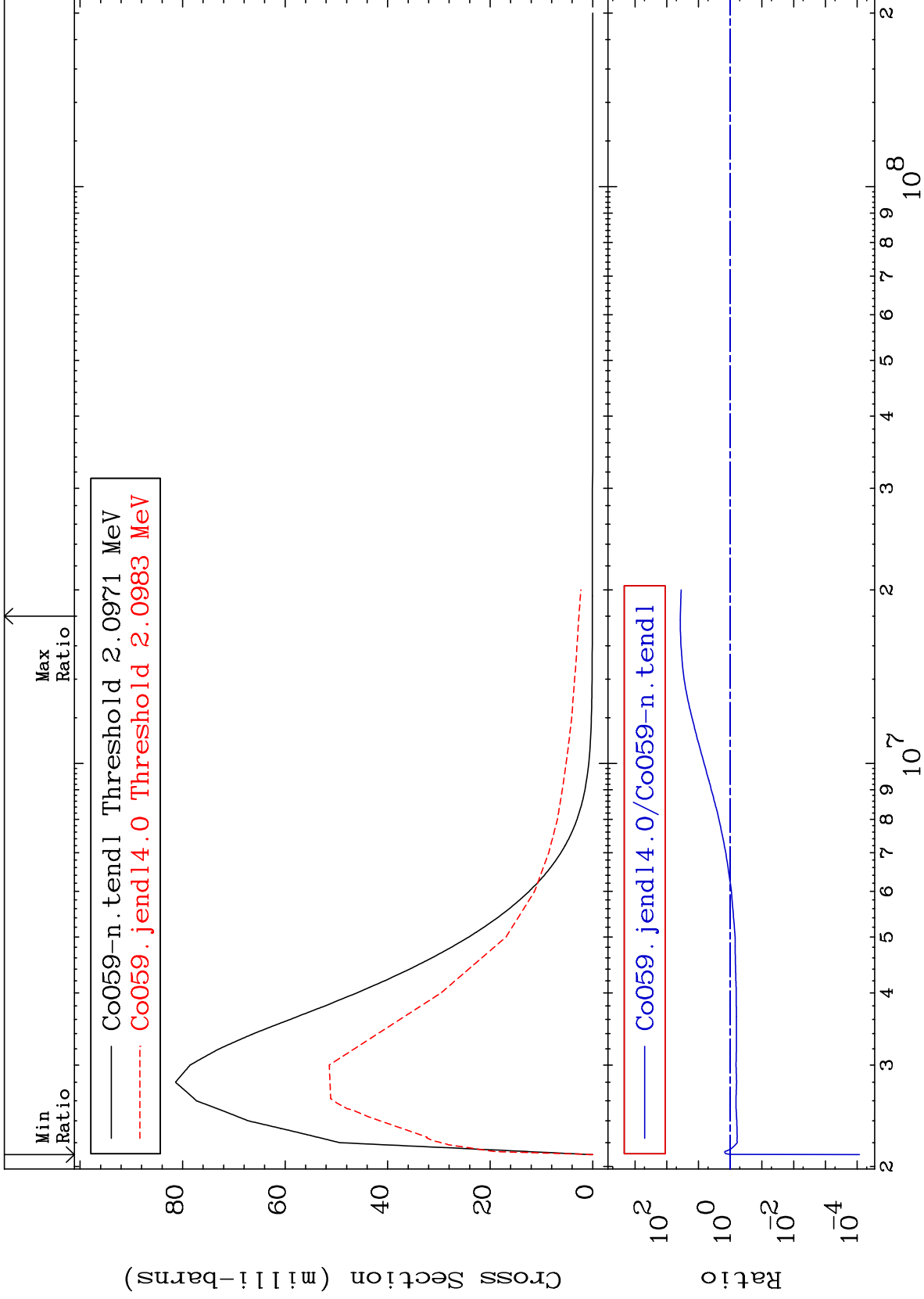
27-Co-59
-80.50 To -1.116%



MAT 2725

2.062 MeV (n,n') Level
Cross Section

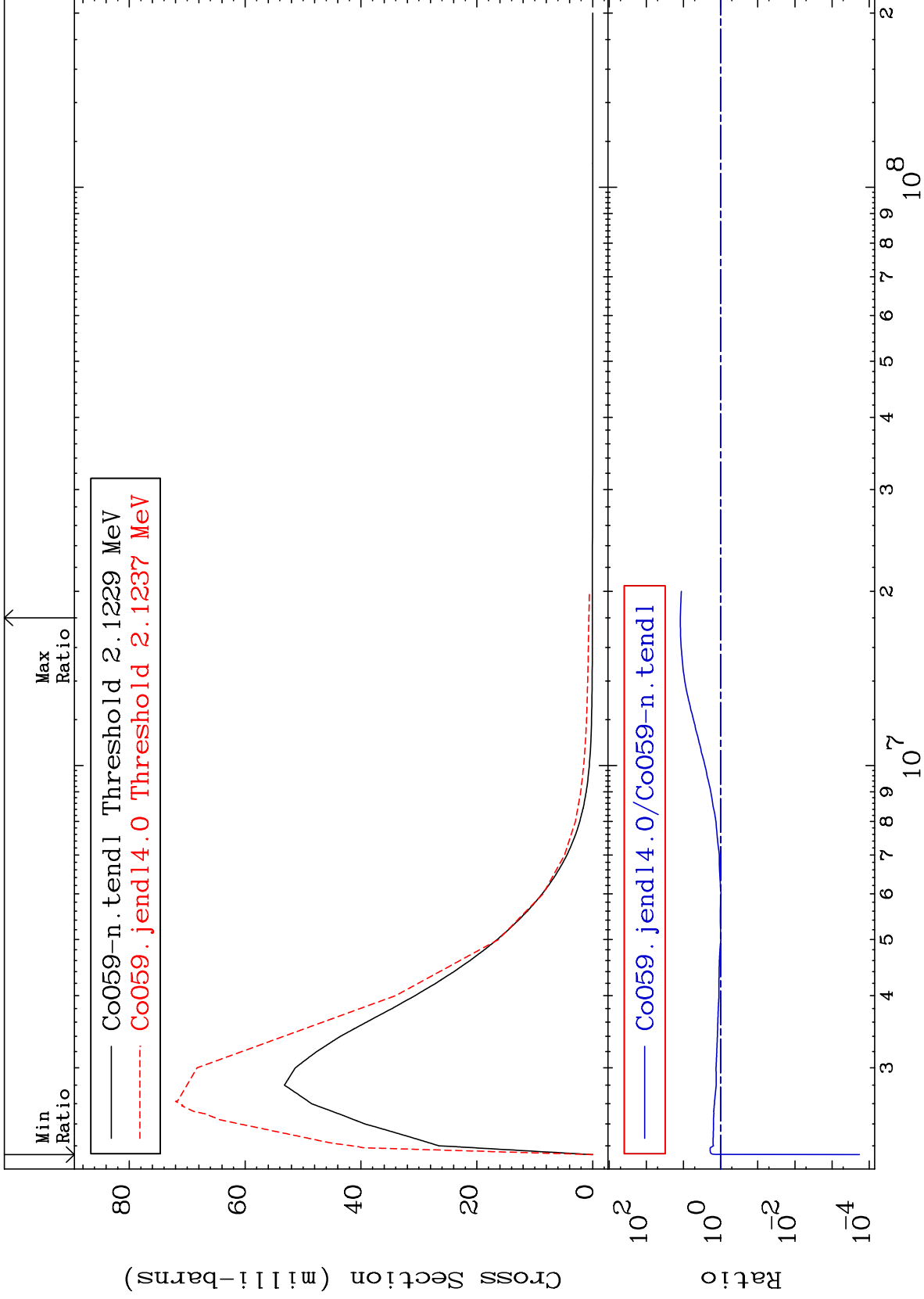
27-Co-59
-99.99 To 3614. %



MAT 2725

2.087 MeV (n,n') Level
Cross Section

27-Co-59
-99.98 To 1115. %



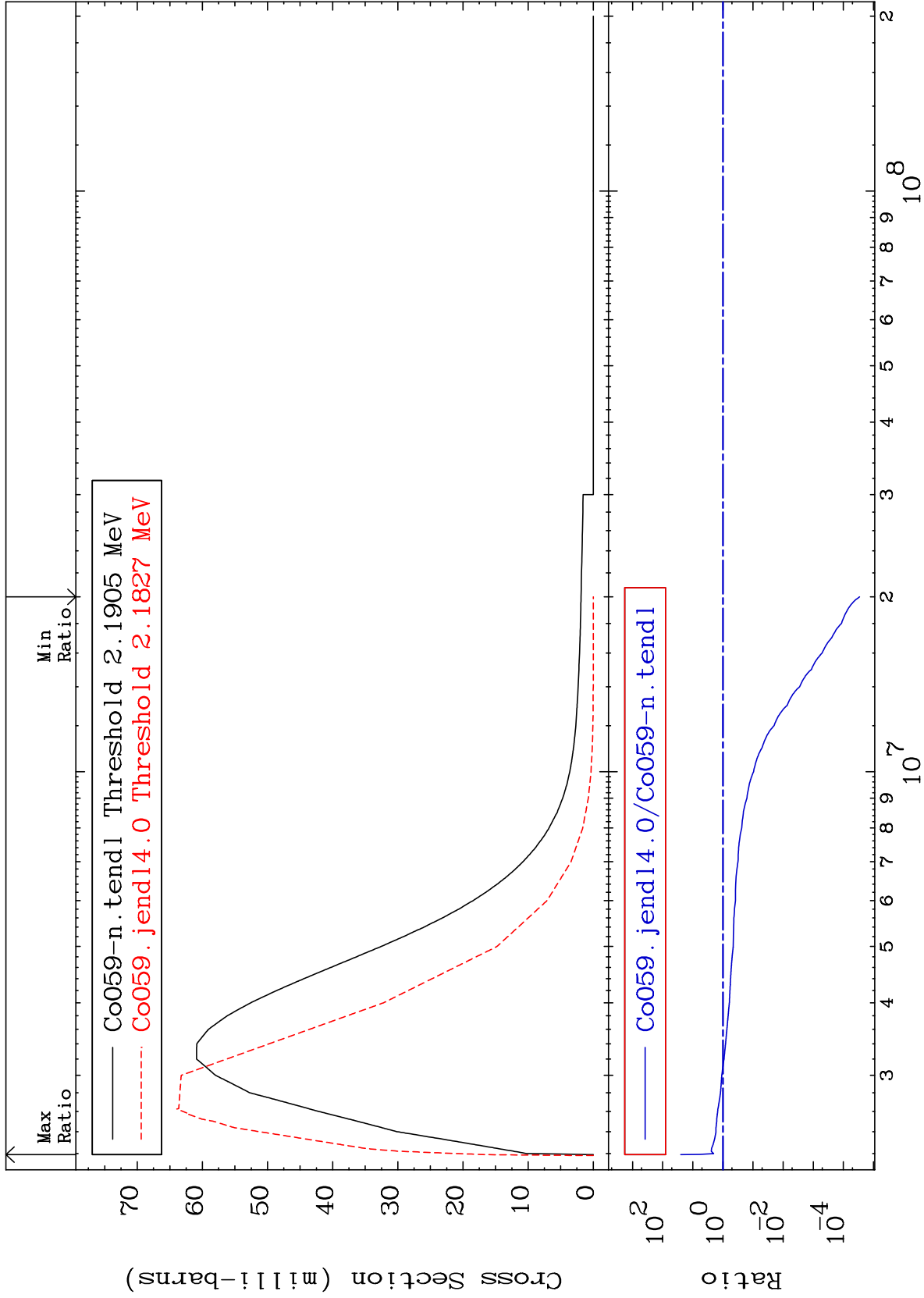
MAT 2725

2.154 MeV (n,n') Level

²⁷Co-59

-100.0 To 2410. %

Cross Section



16

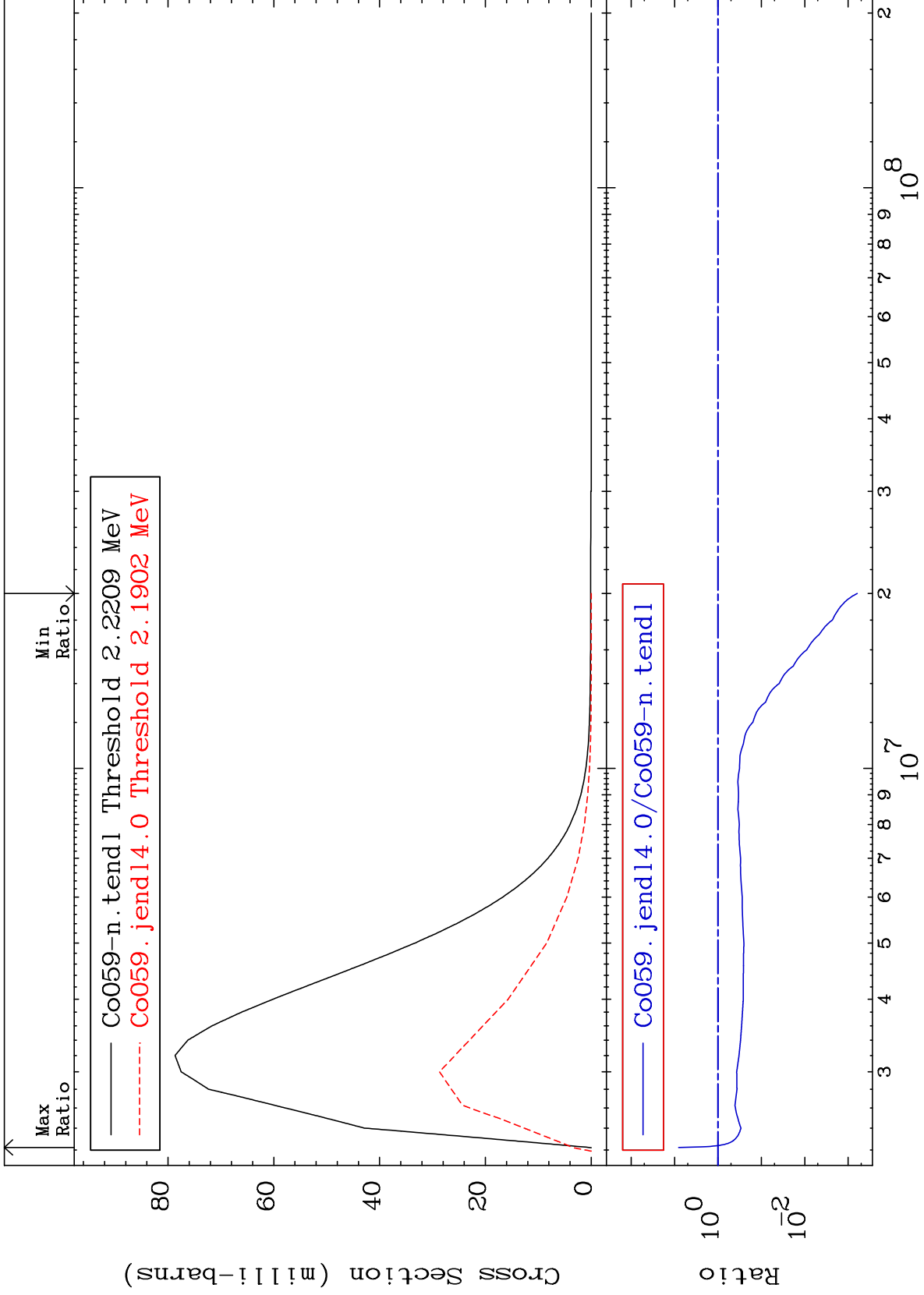
Incident Energy (eV)

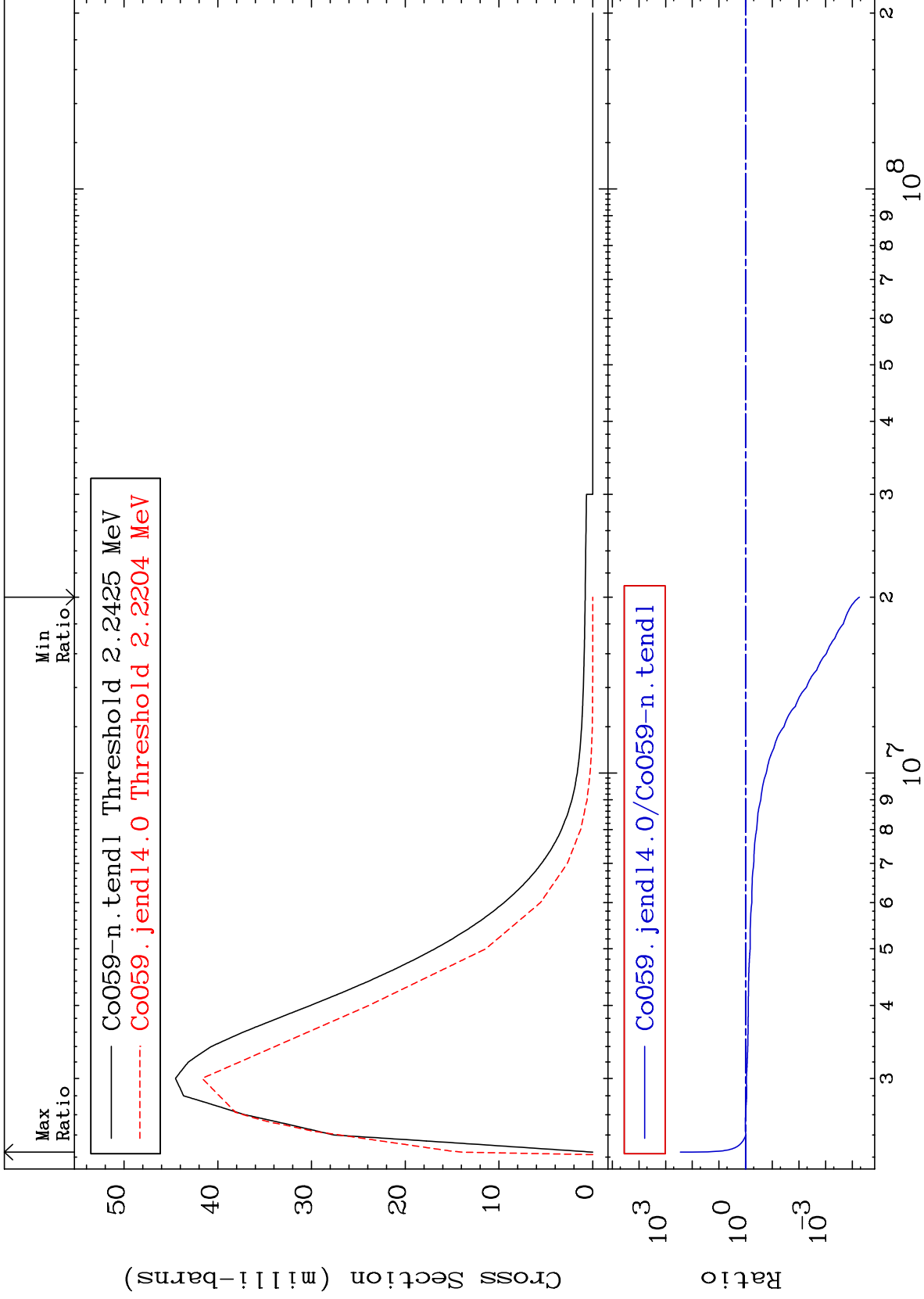
²⁷Co-59

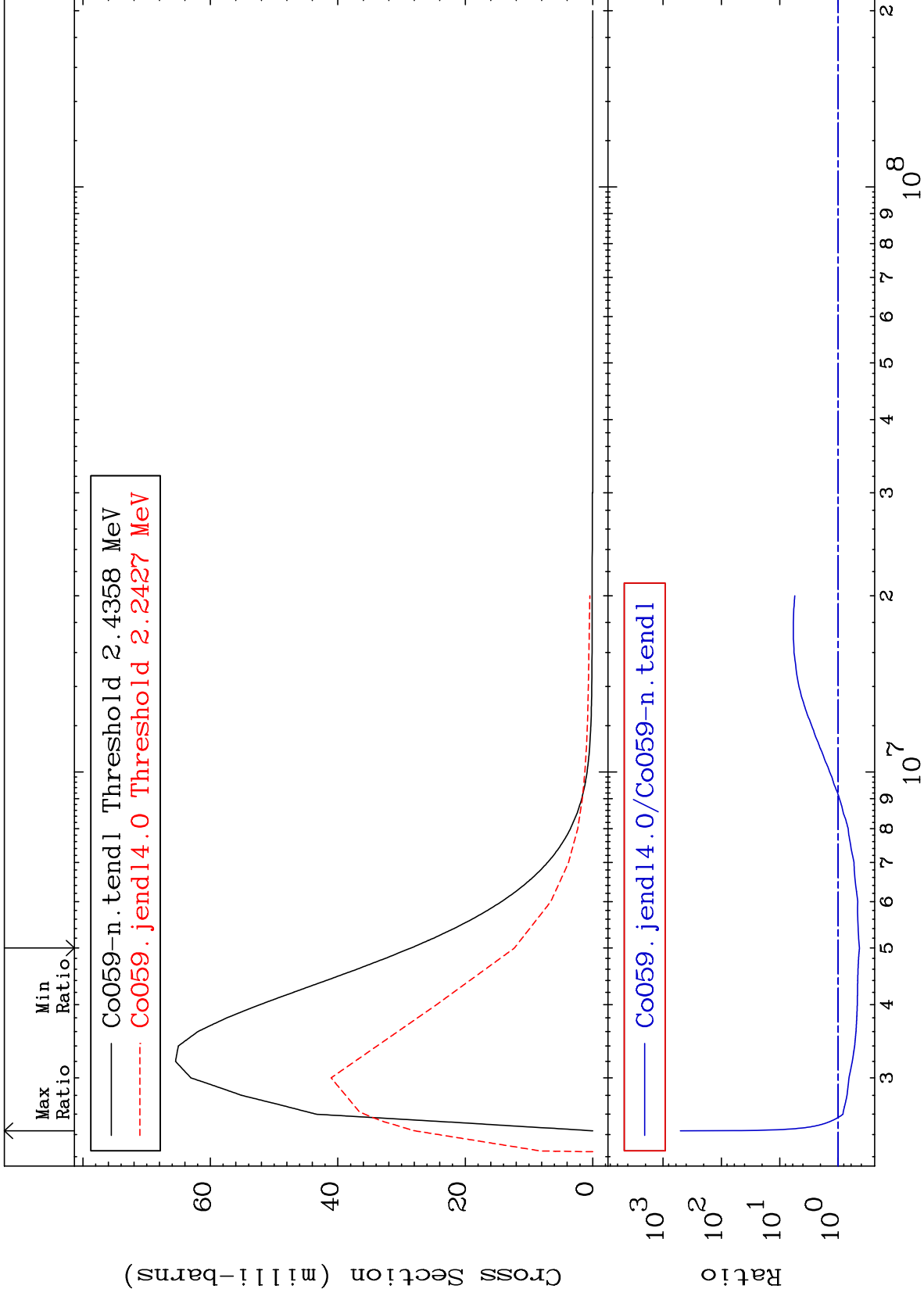
MAT 2725

2.184 MeV (n,n') Level
Cross Section

27-Co-59
-99.94 To 706.8 %



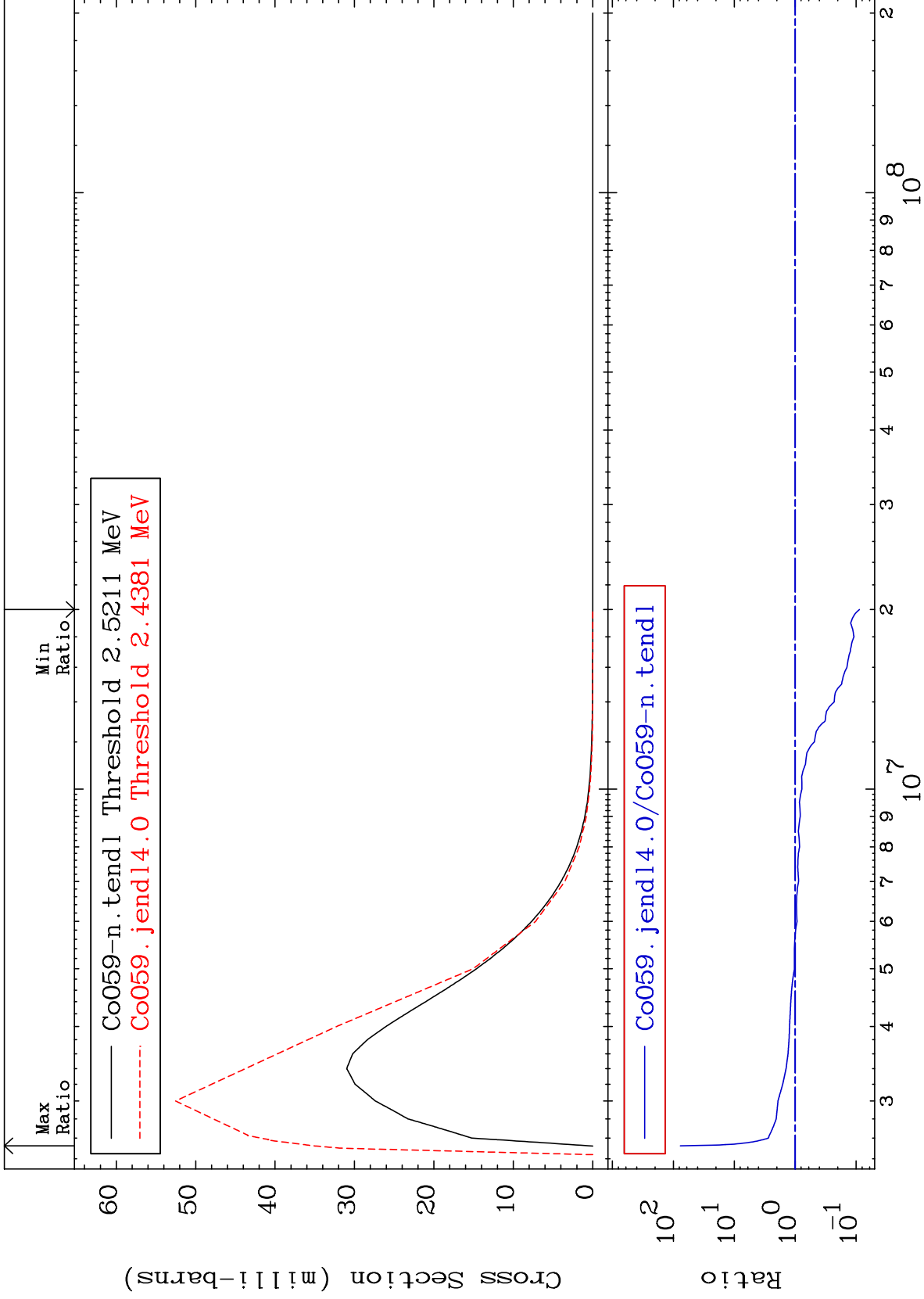


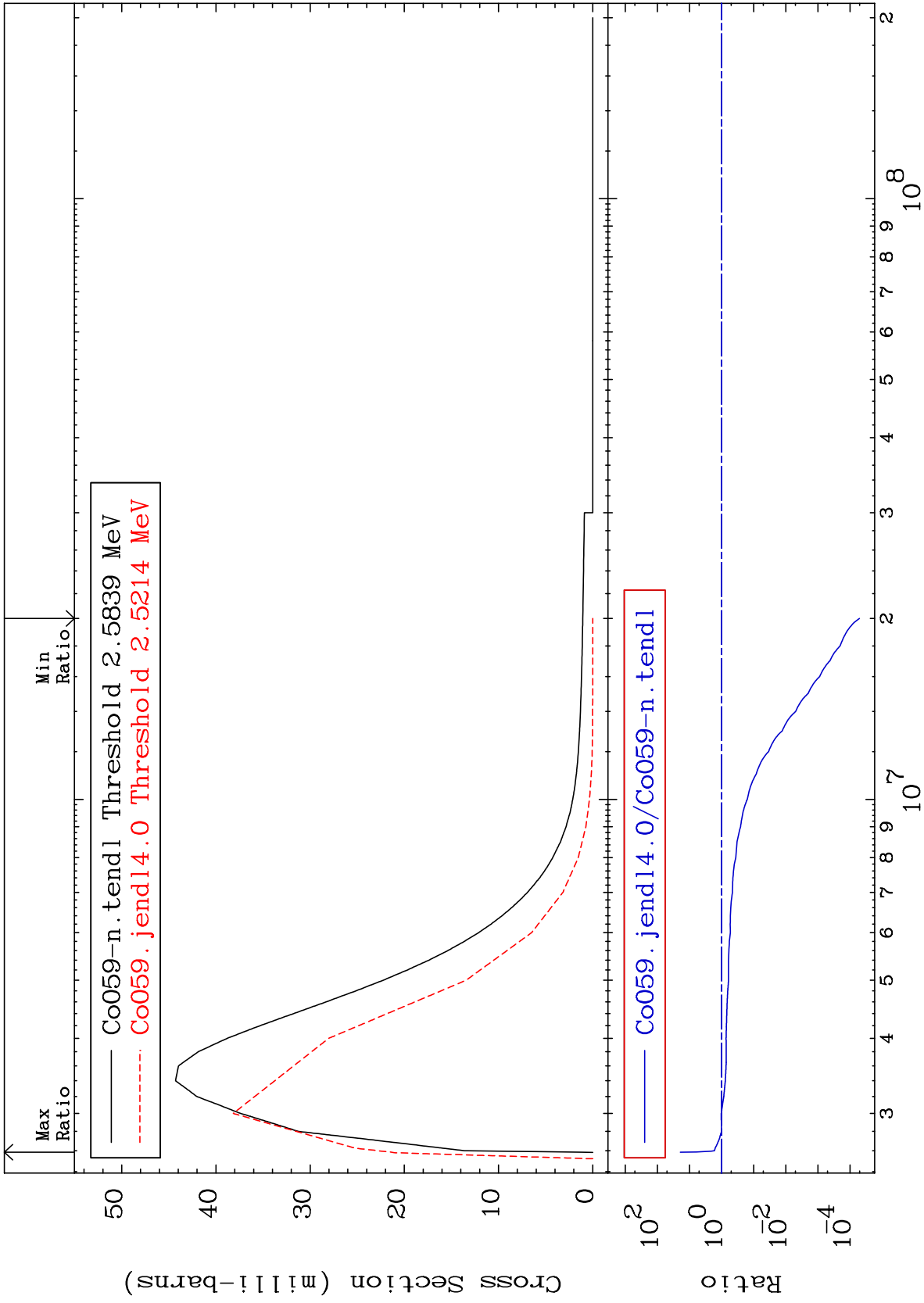


MAT 2725

2.479 MeV (n,n') Level
Cross Section

27-Co-59
-91.16 To 7568. %

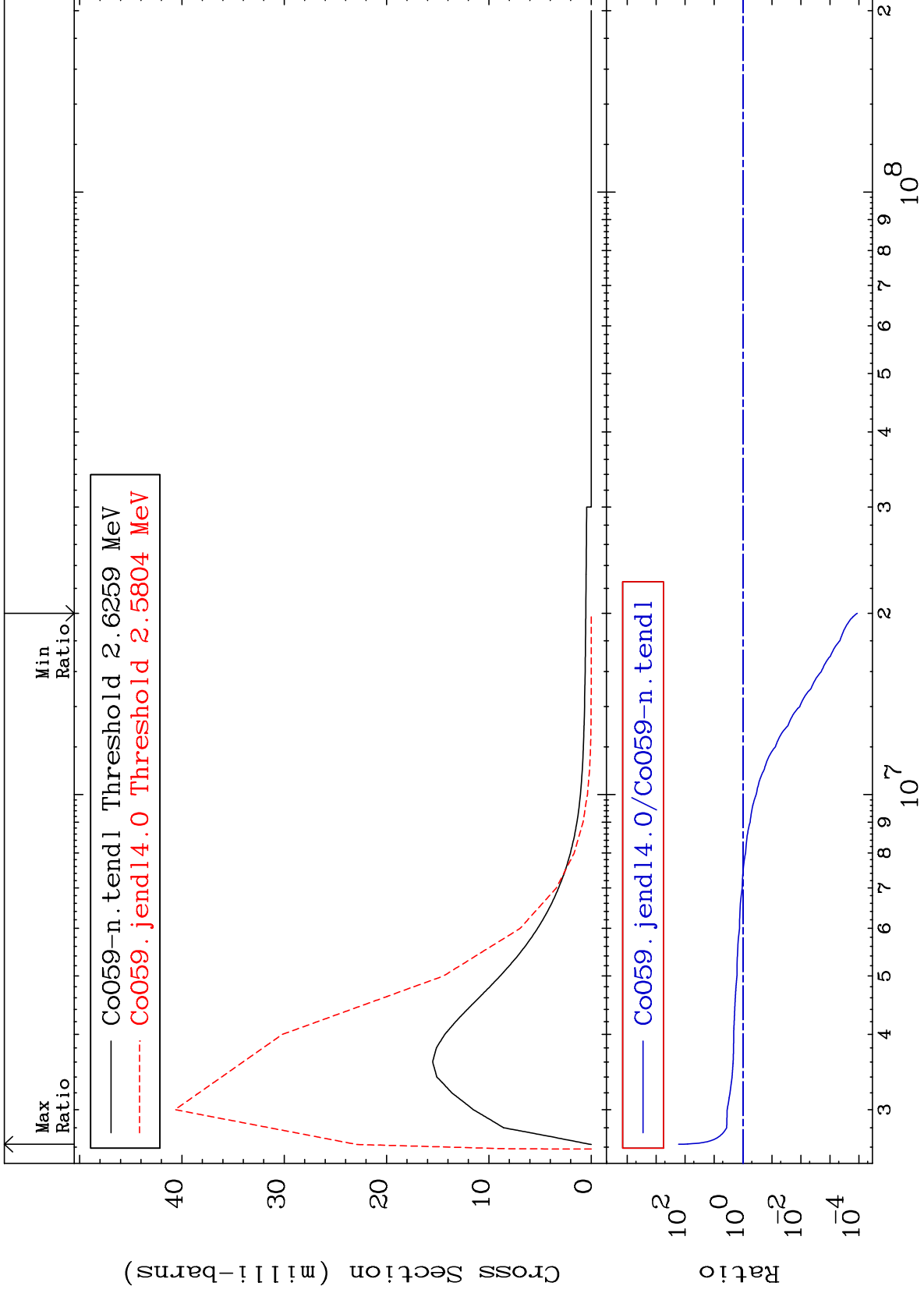


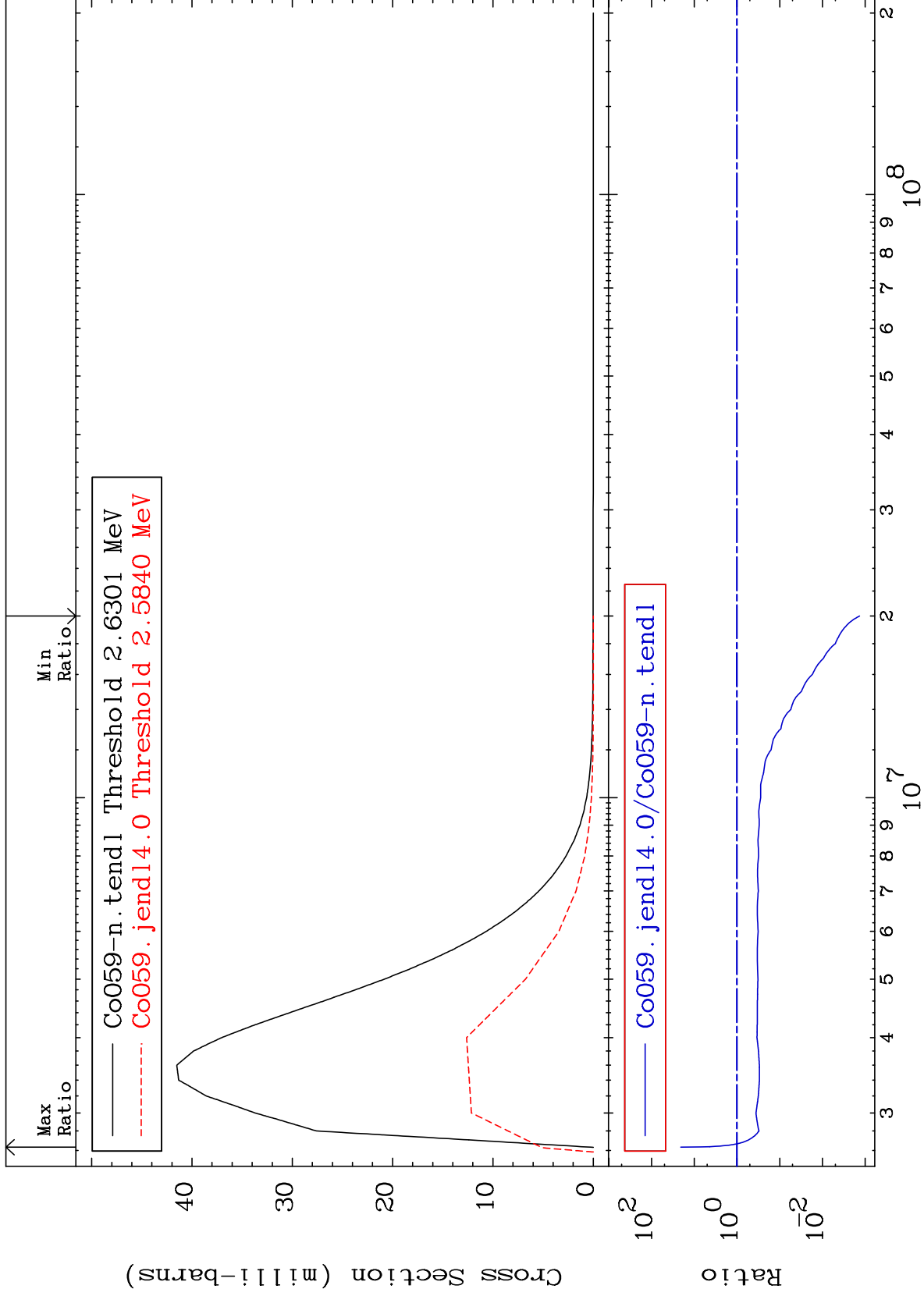


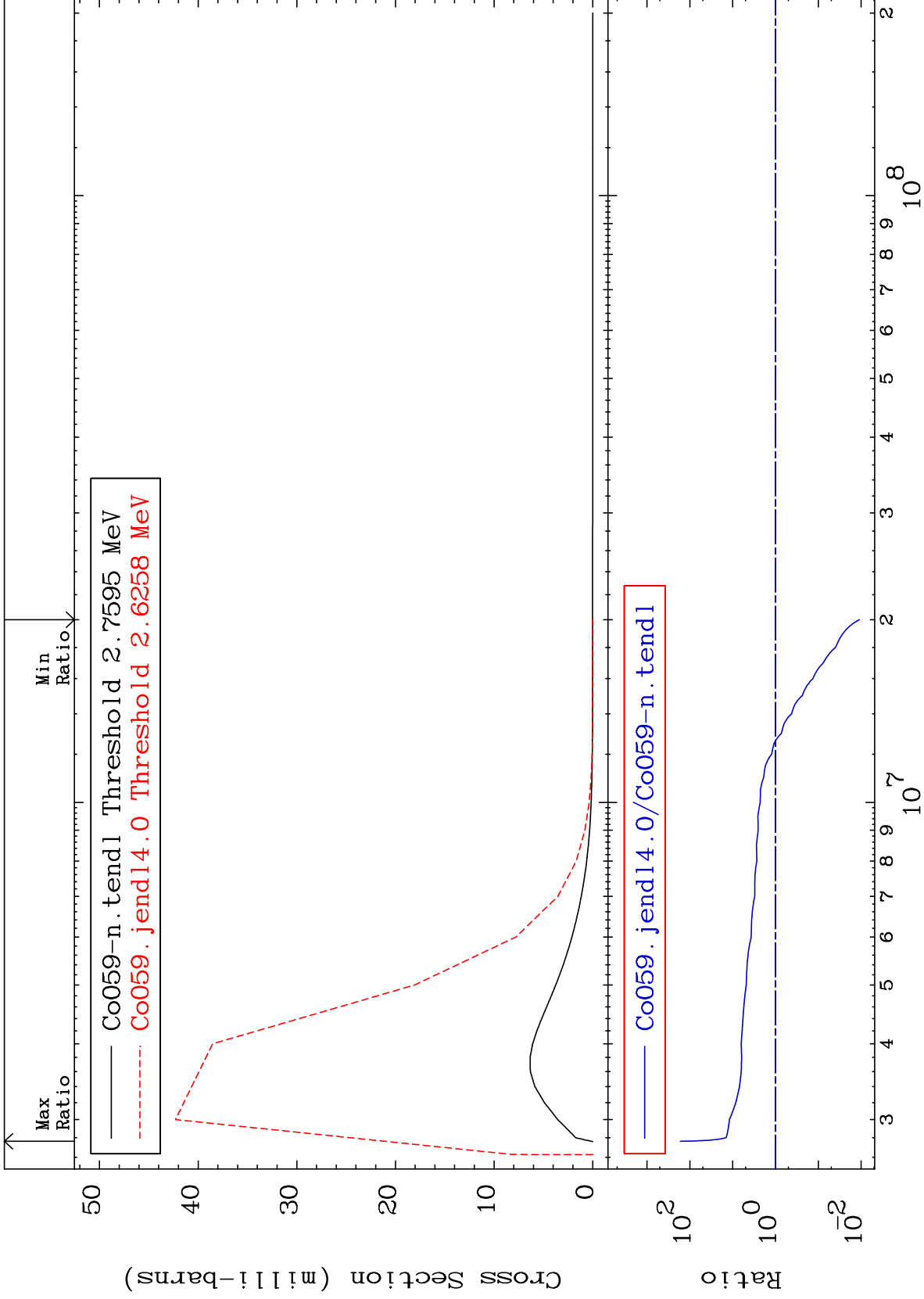
MAT 2725

2.582 MeV (n,n') Level
Cross Section

27-Co-59
-99.99 To 9999. %







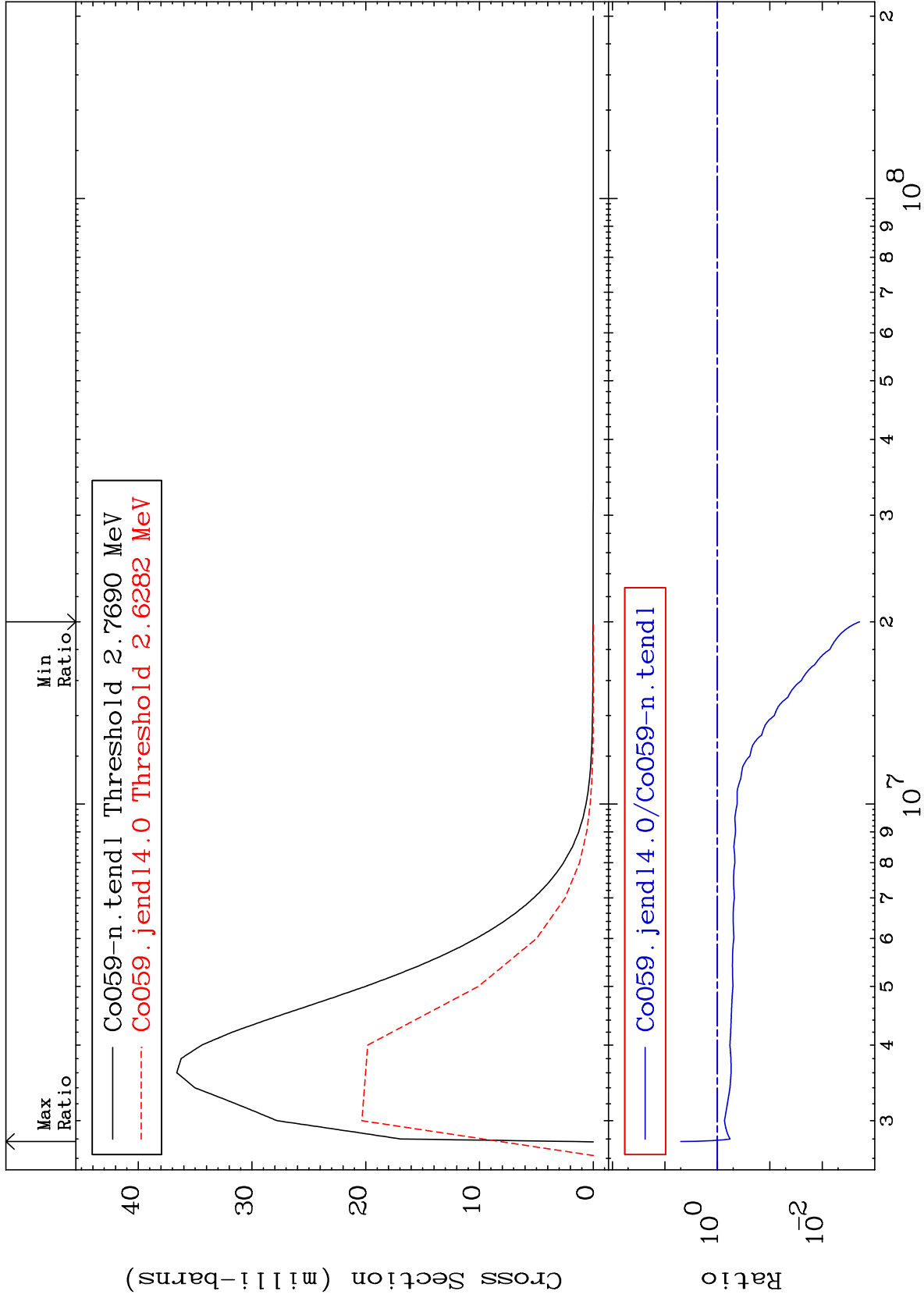
MAT 2725

2.722 MeV (n,n') Level

27-Co-59

-99.80 To 397.0 %

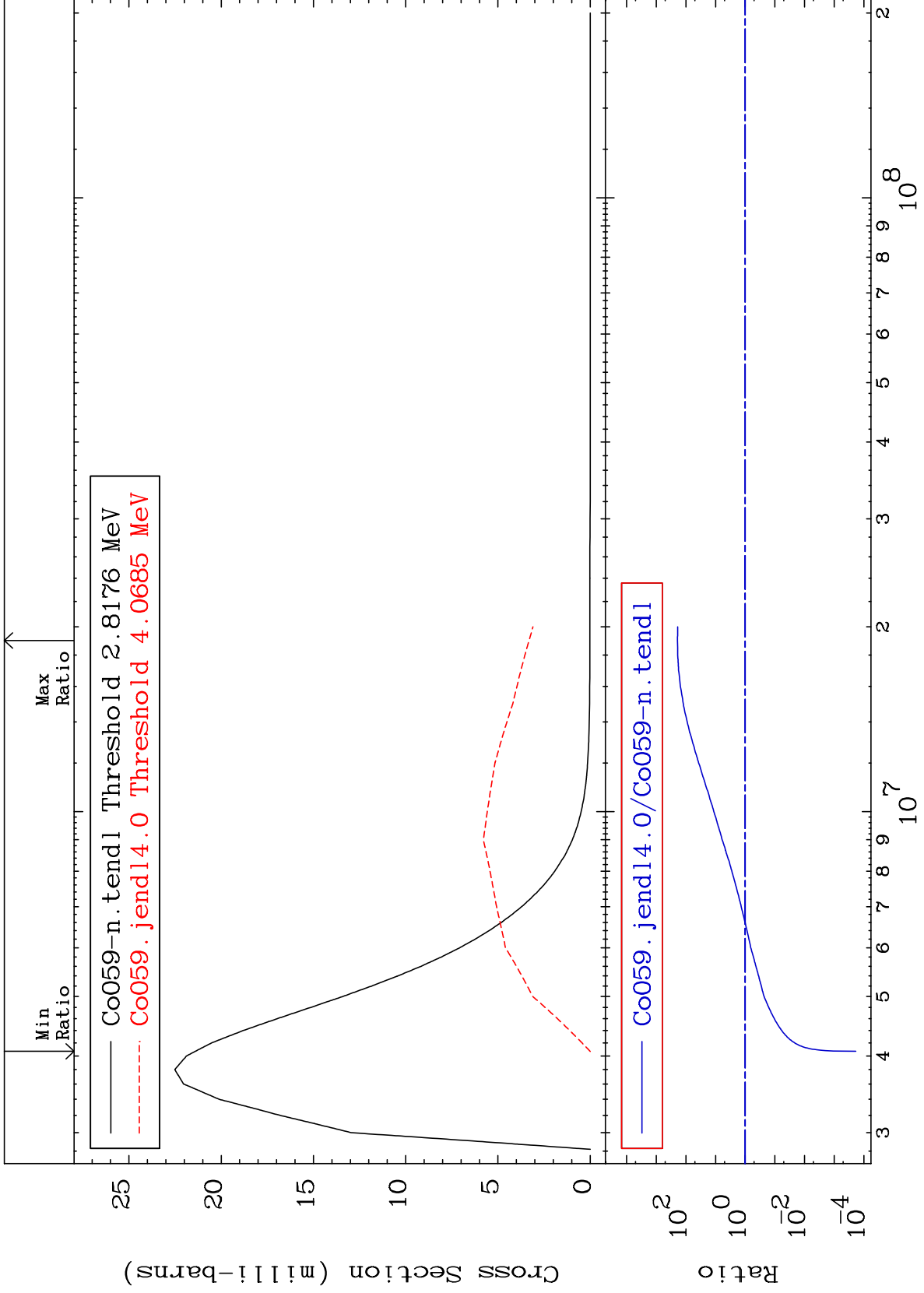
Cross Section



25

Incident Energy (eV)

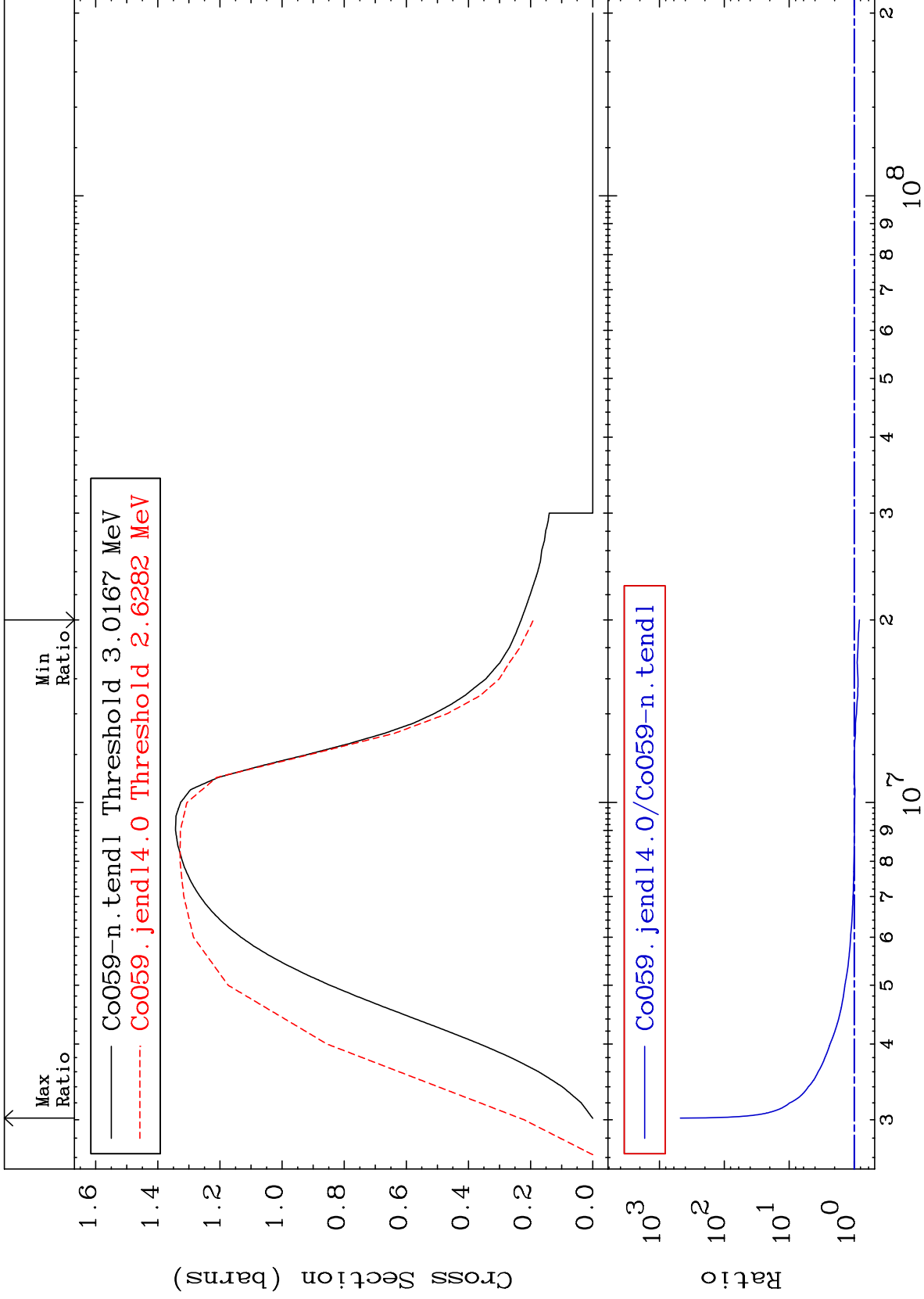
27-Co-59



MAT 2725

(n, n') Continuum
Cross Section

27-Co-59
-17.12 To 9999. %



27

Incident Energy (eV)

27-Co-59

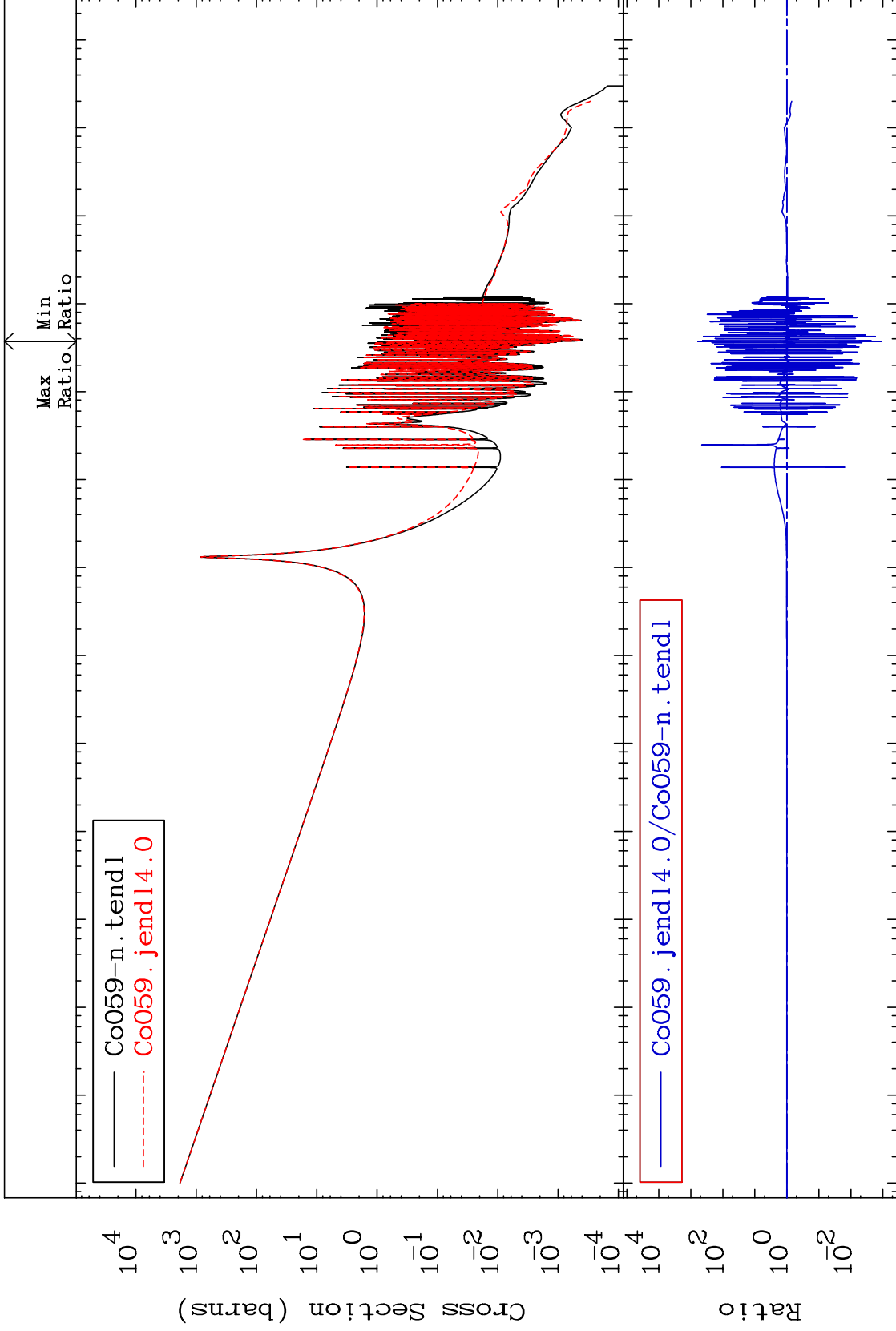
MAT 2725

(n, γ)

Cross Section

27-Co-59

-99.89 To 9999. %



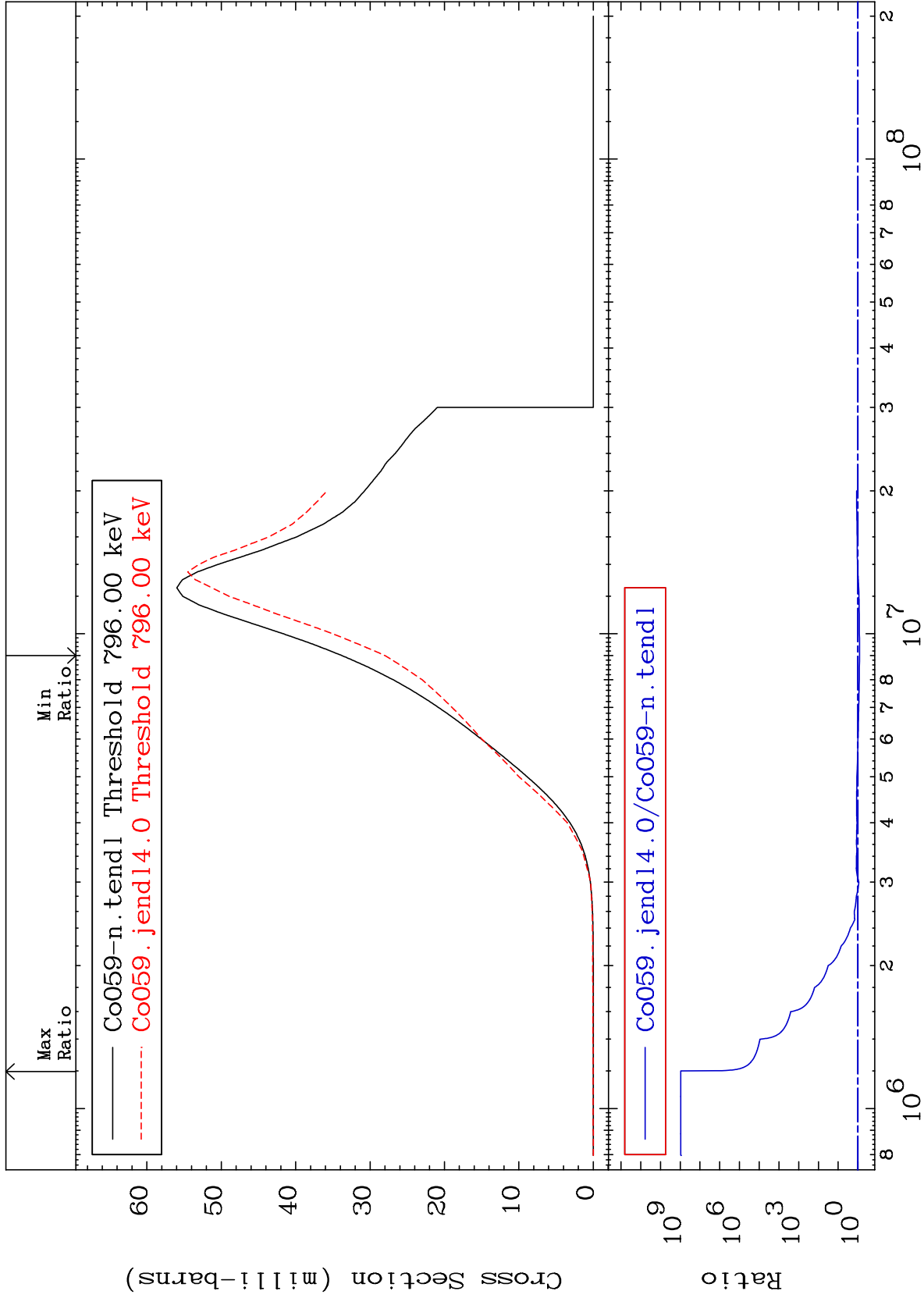
MAT 2725

(n,p)

27-Co-59

Cross Section

-17.15 To 9999. %



29

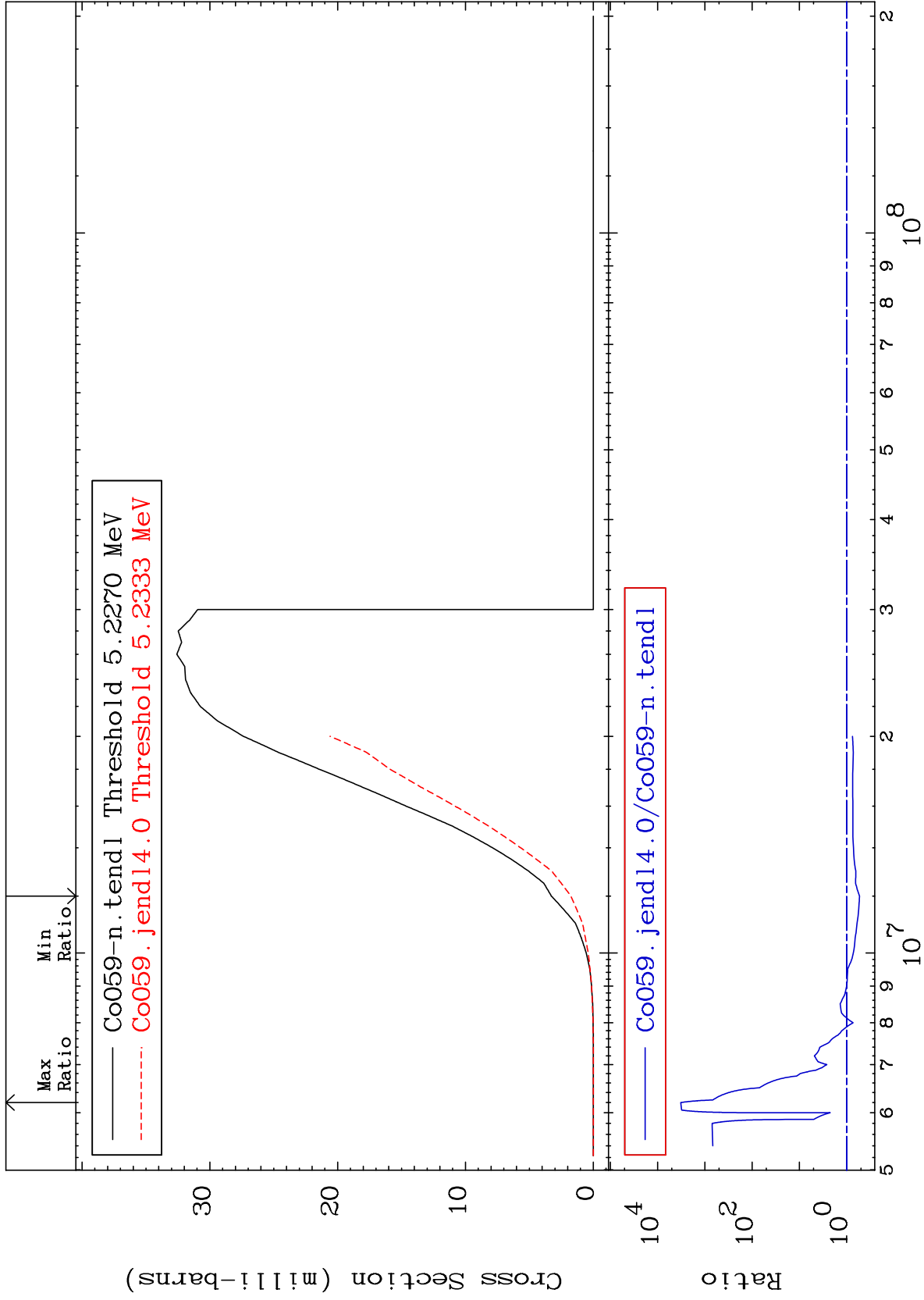
Incident Energy (eV)

27-Co-59

MAT 2725

(n, d)
Cross Section

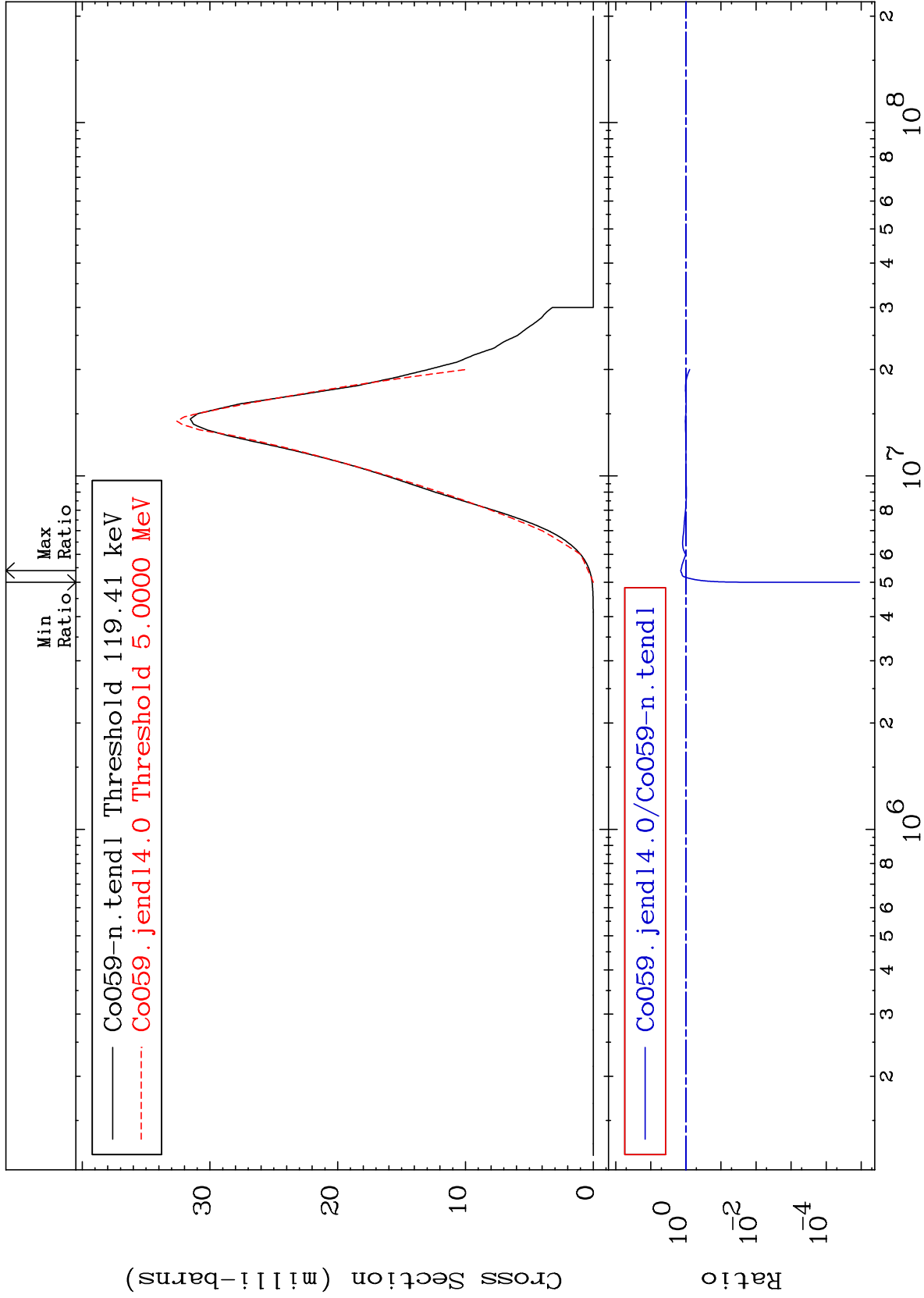
27-Co-59
-46.60 To 9999. %



MAT 2725

27-Co-59

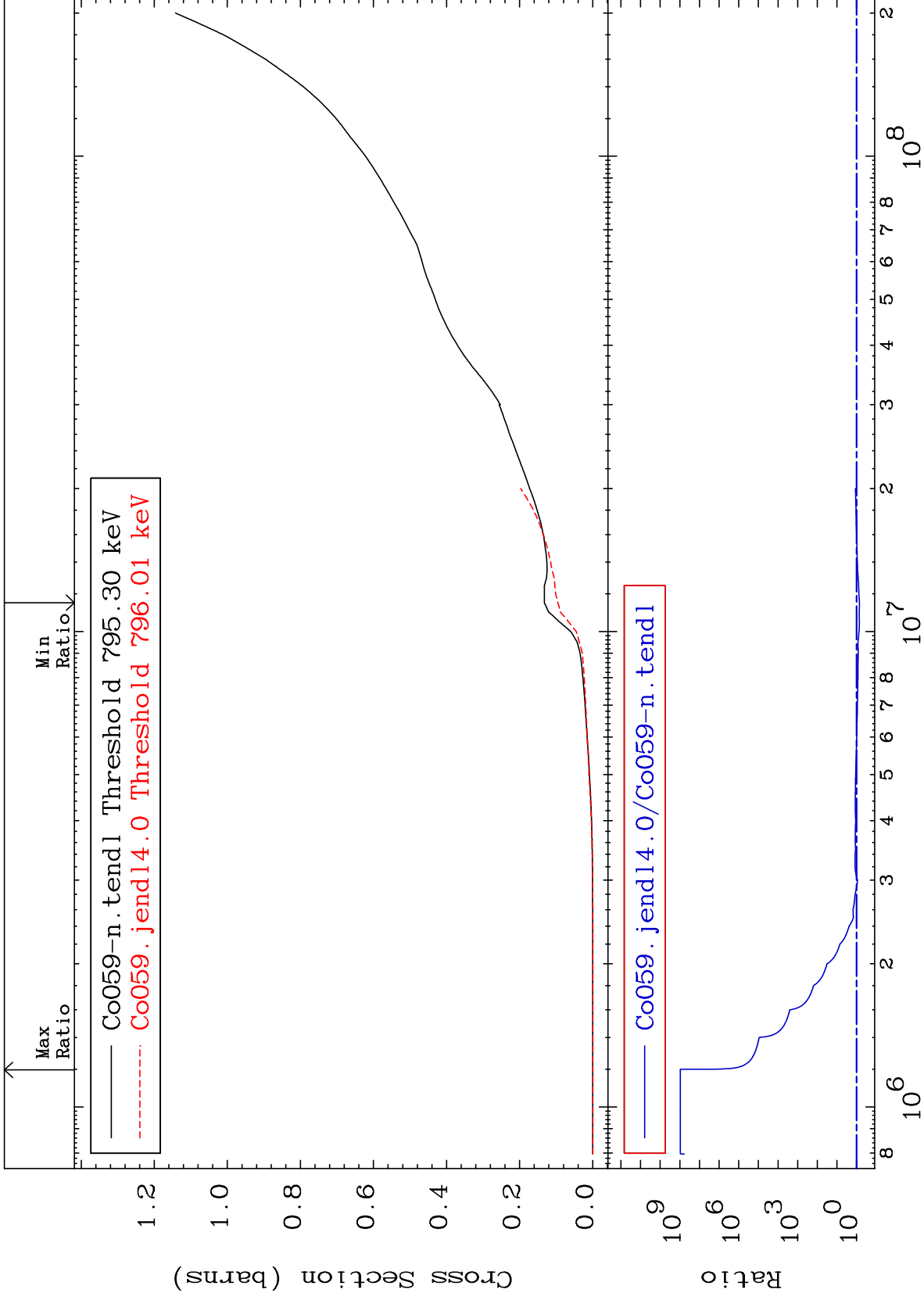
(n, α)
Cross Section
-100.0 To 39.64 %



MAT 2725

Hydrogen Production
Cross Section

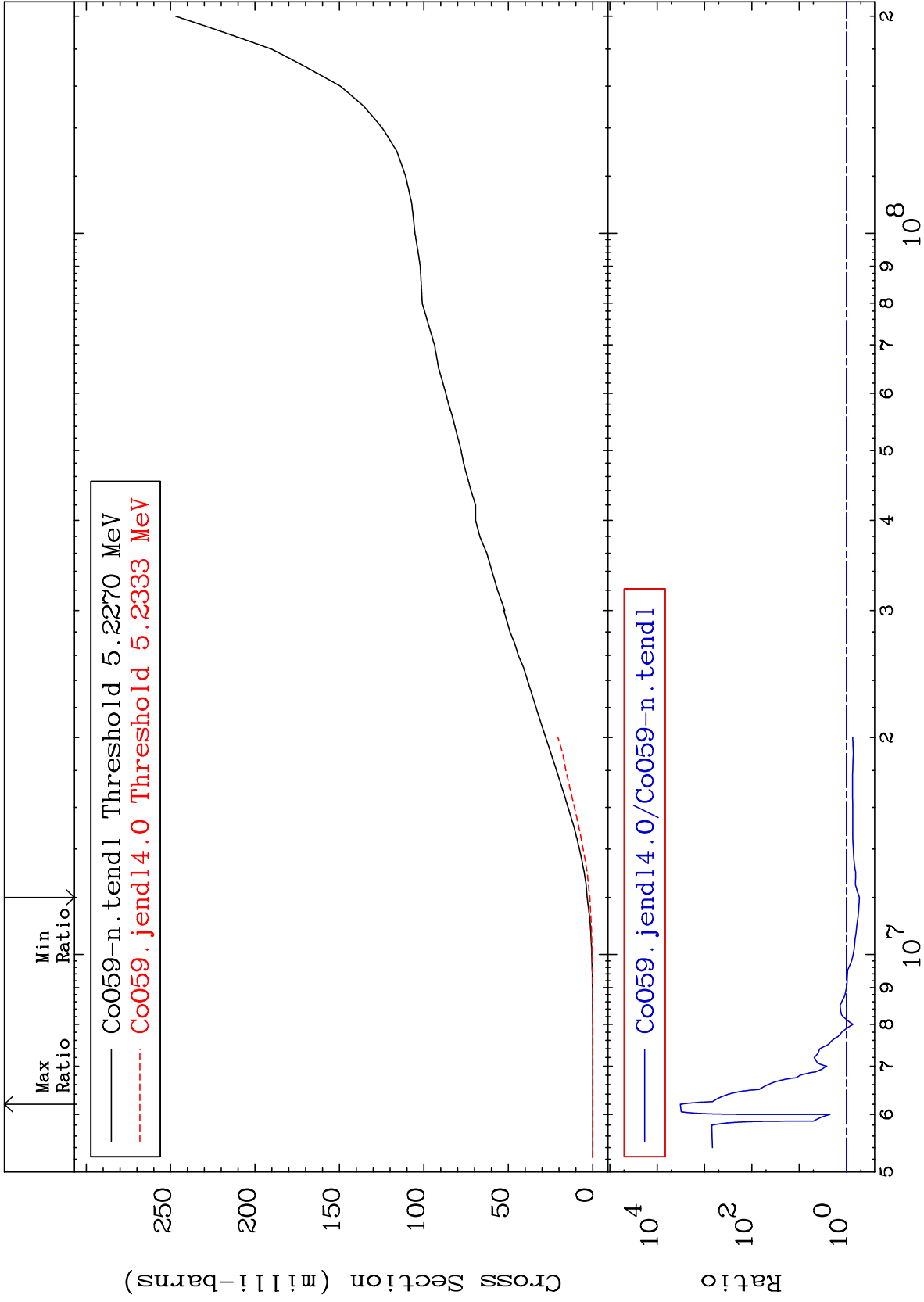
²⁷Co-59
-28.18 To 9999. %

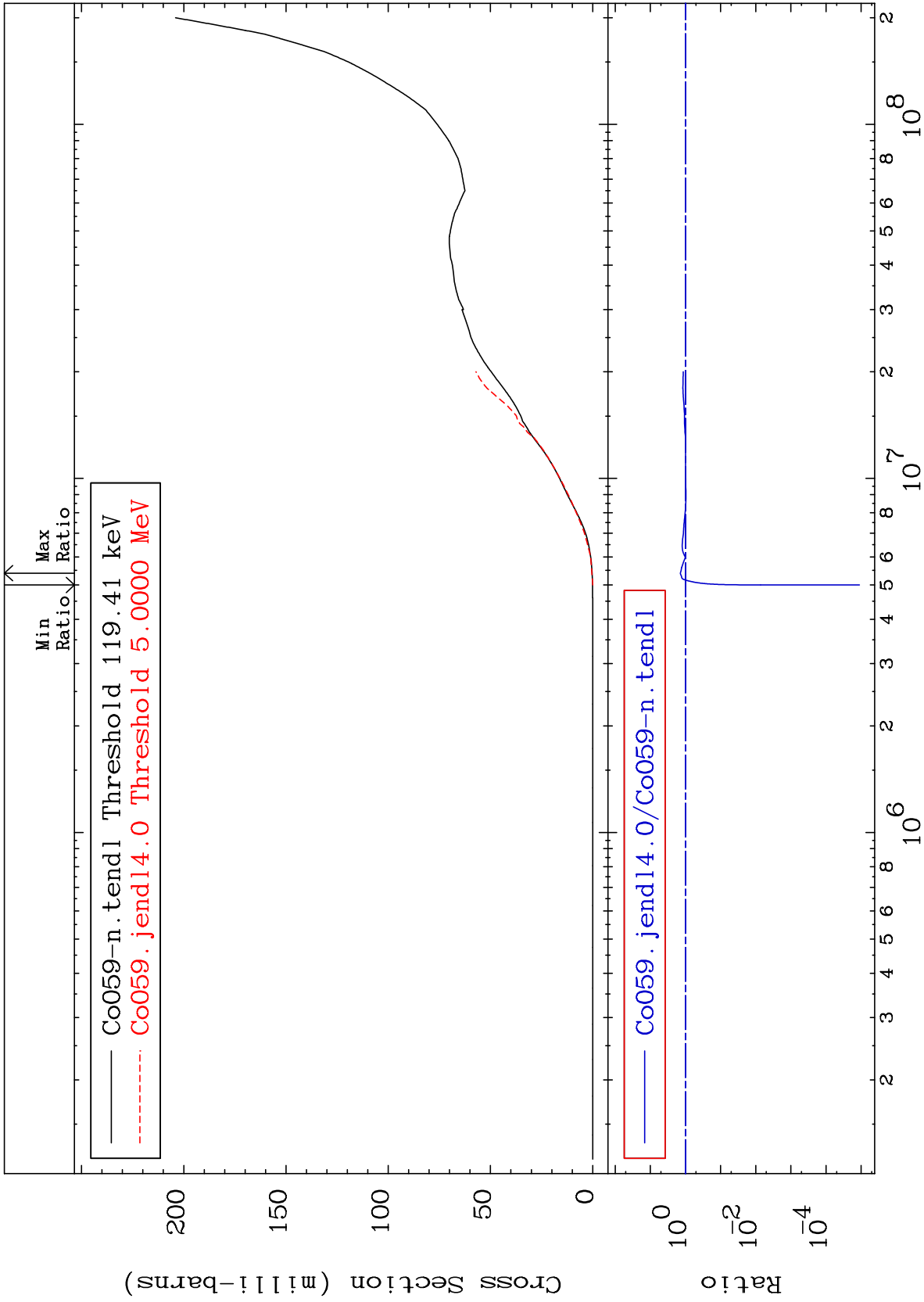


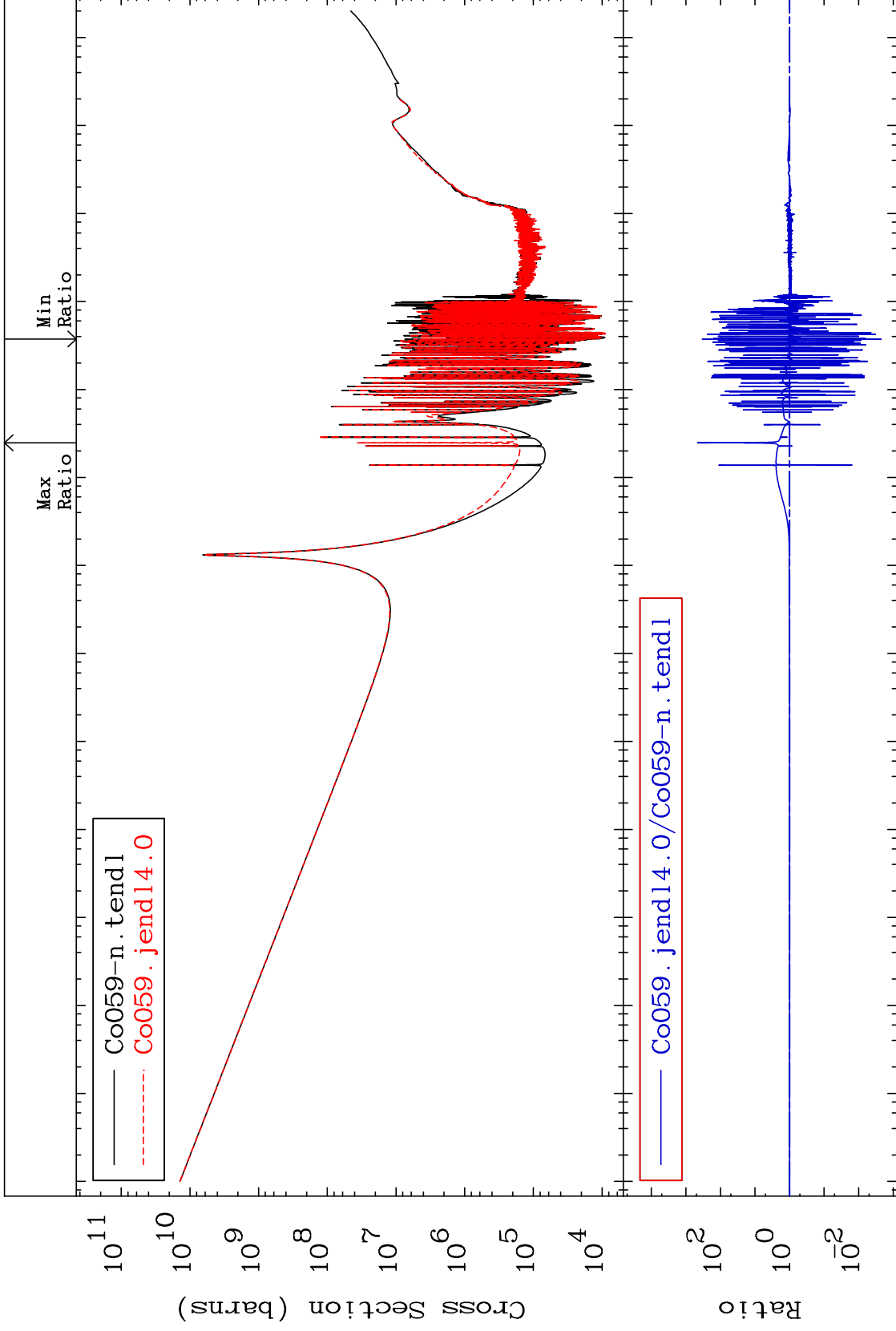
32

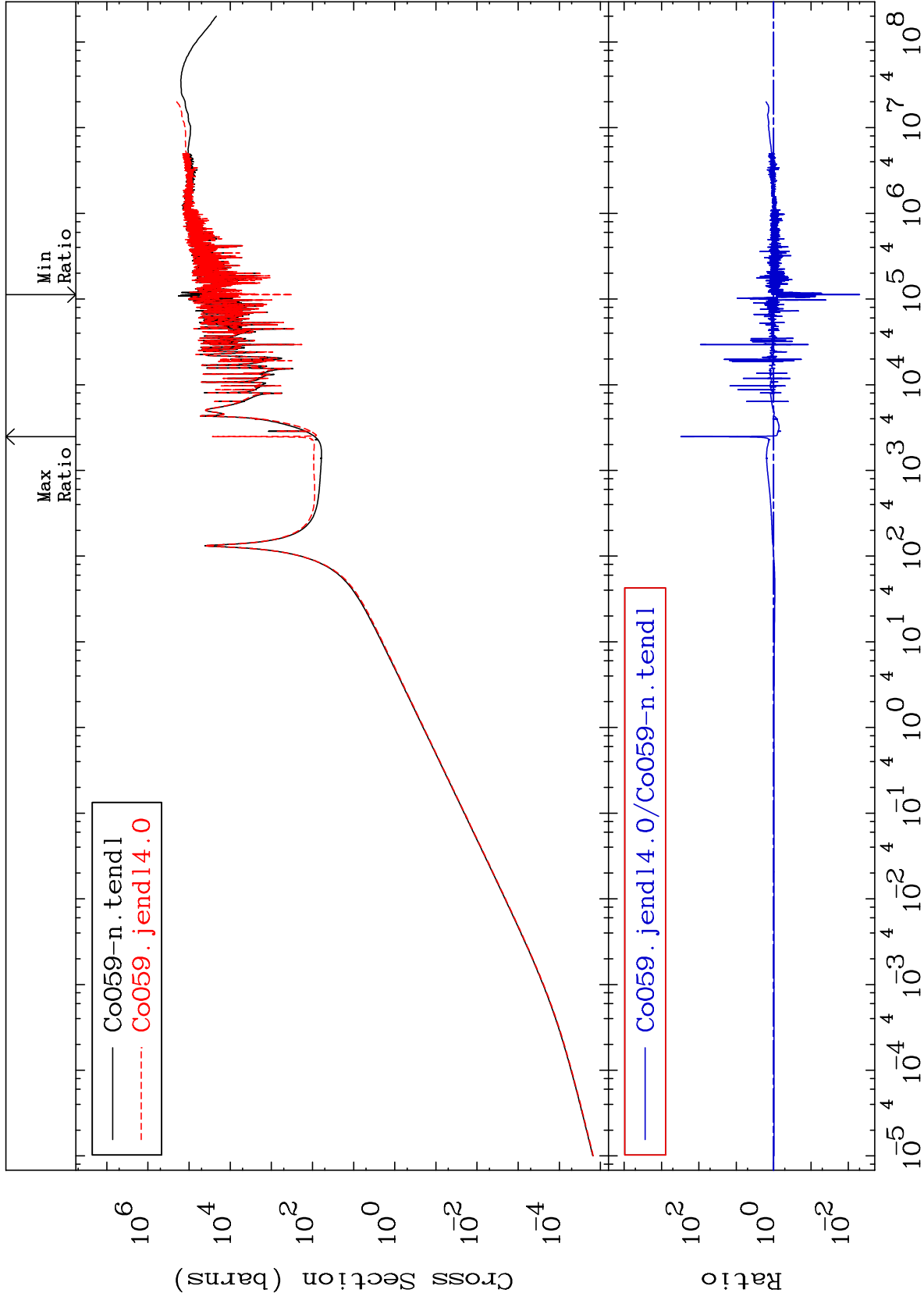
Incident Energy (eV)

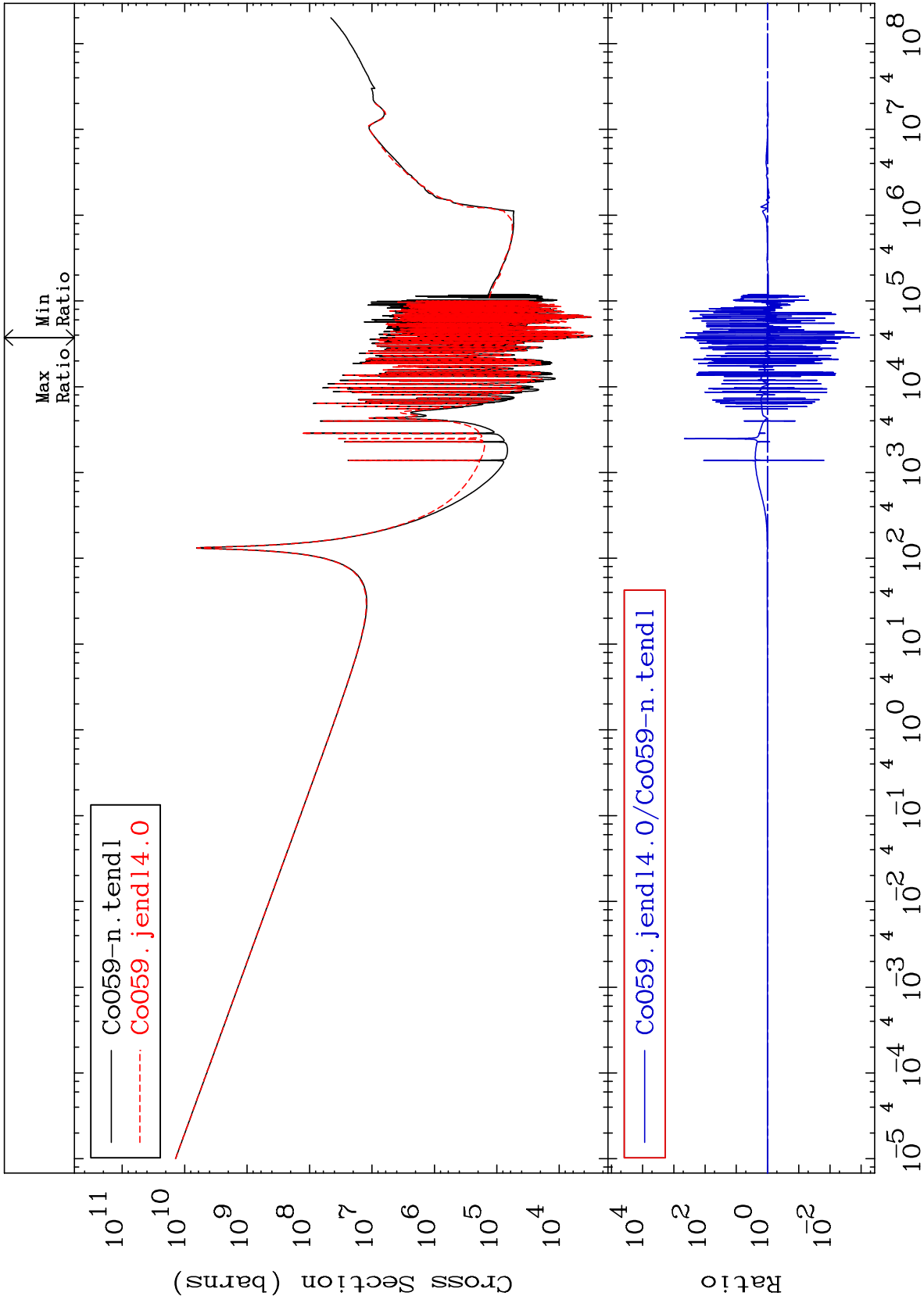
²⁷Co-59

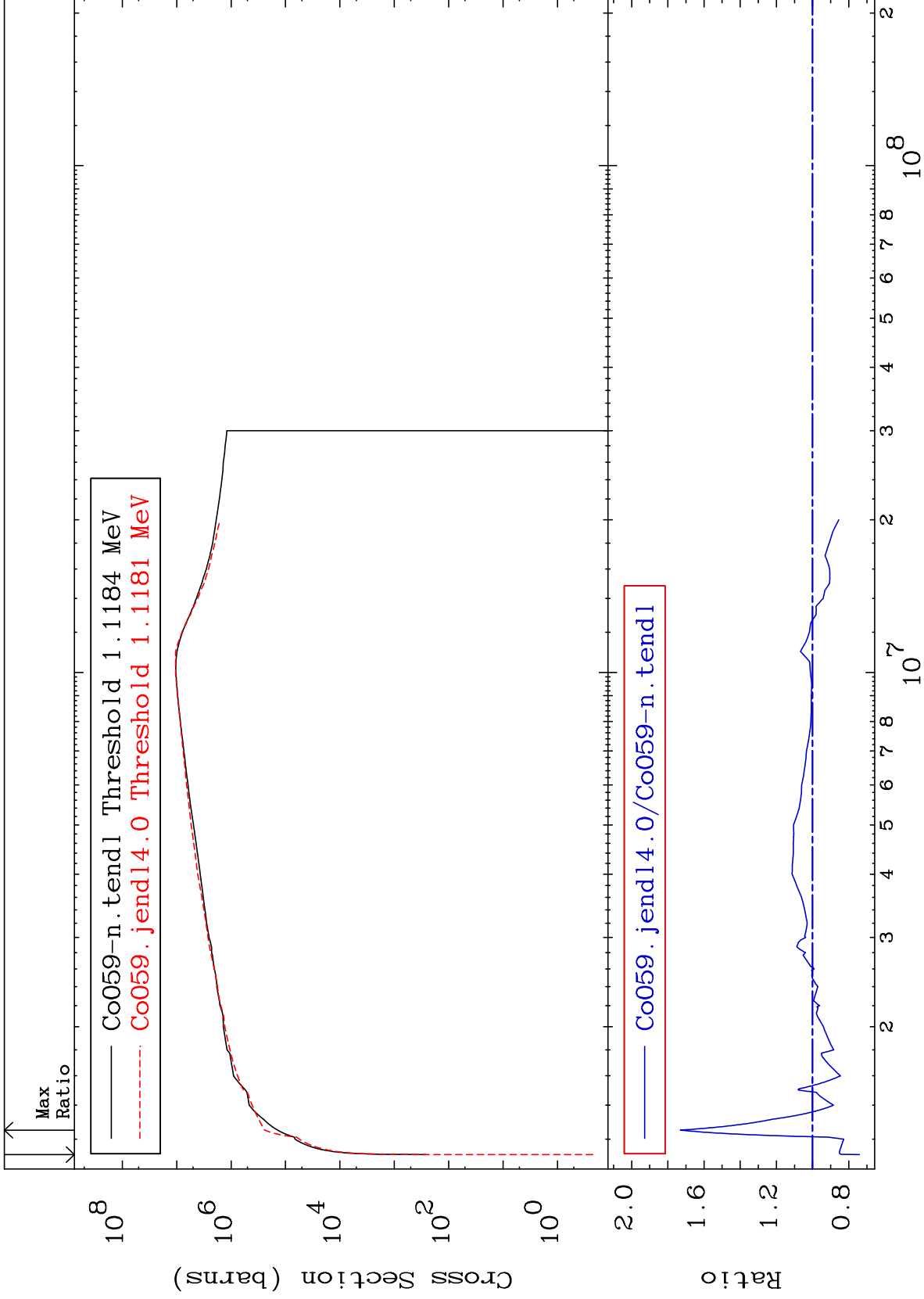


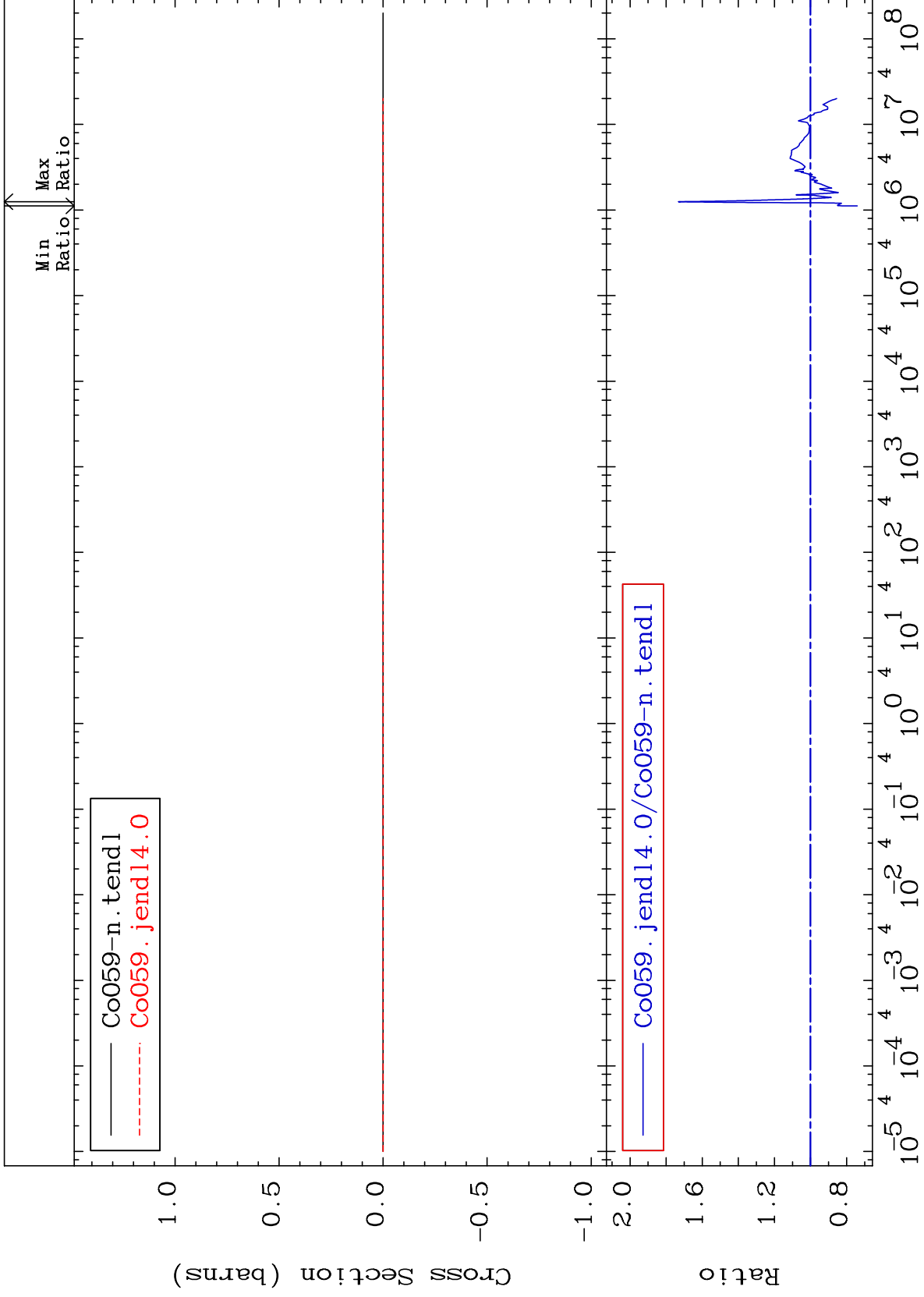








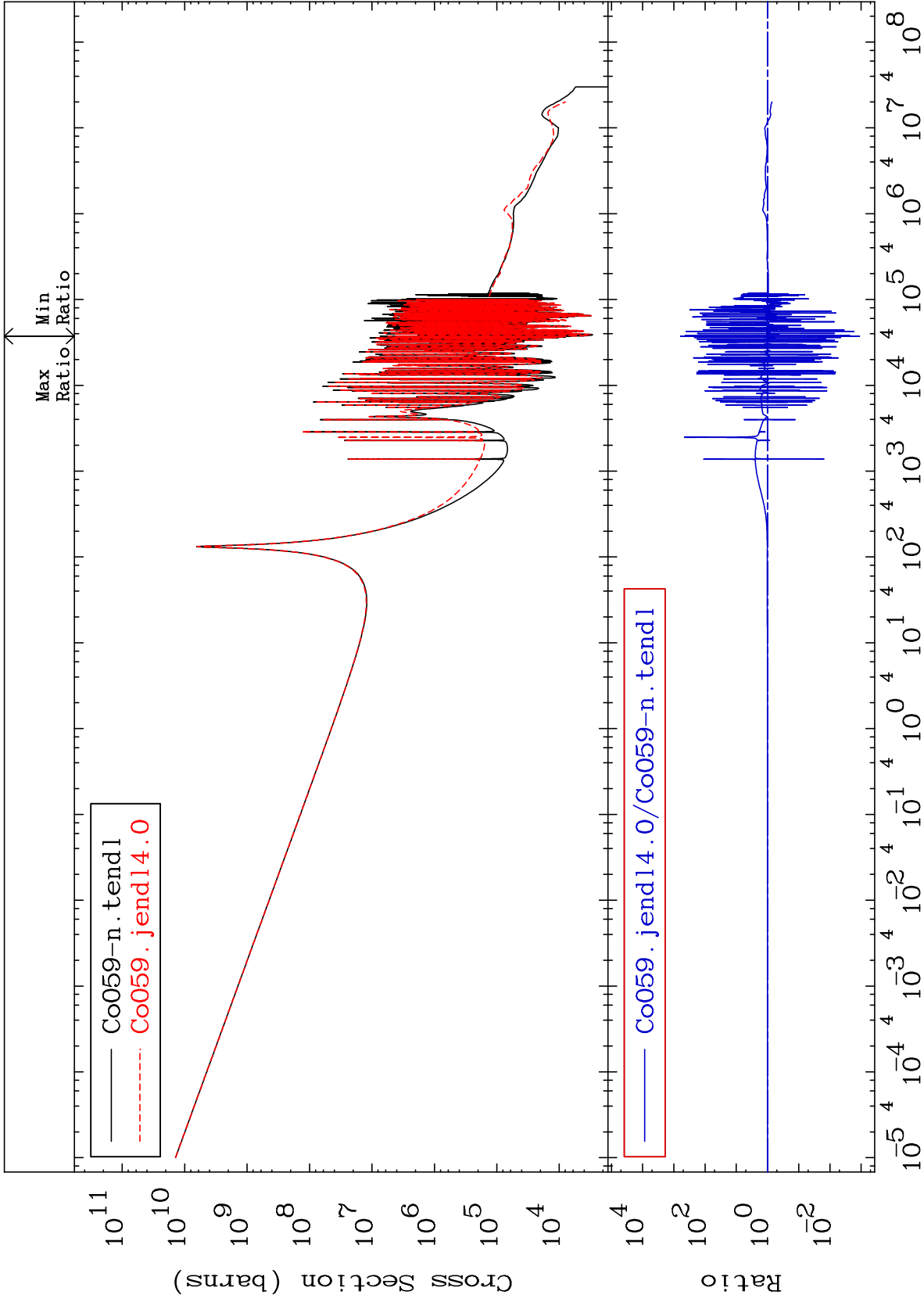




MAT 2725

Kerma capture (mt102)
Cross Section

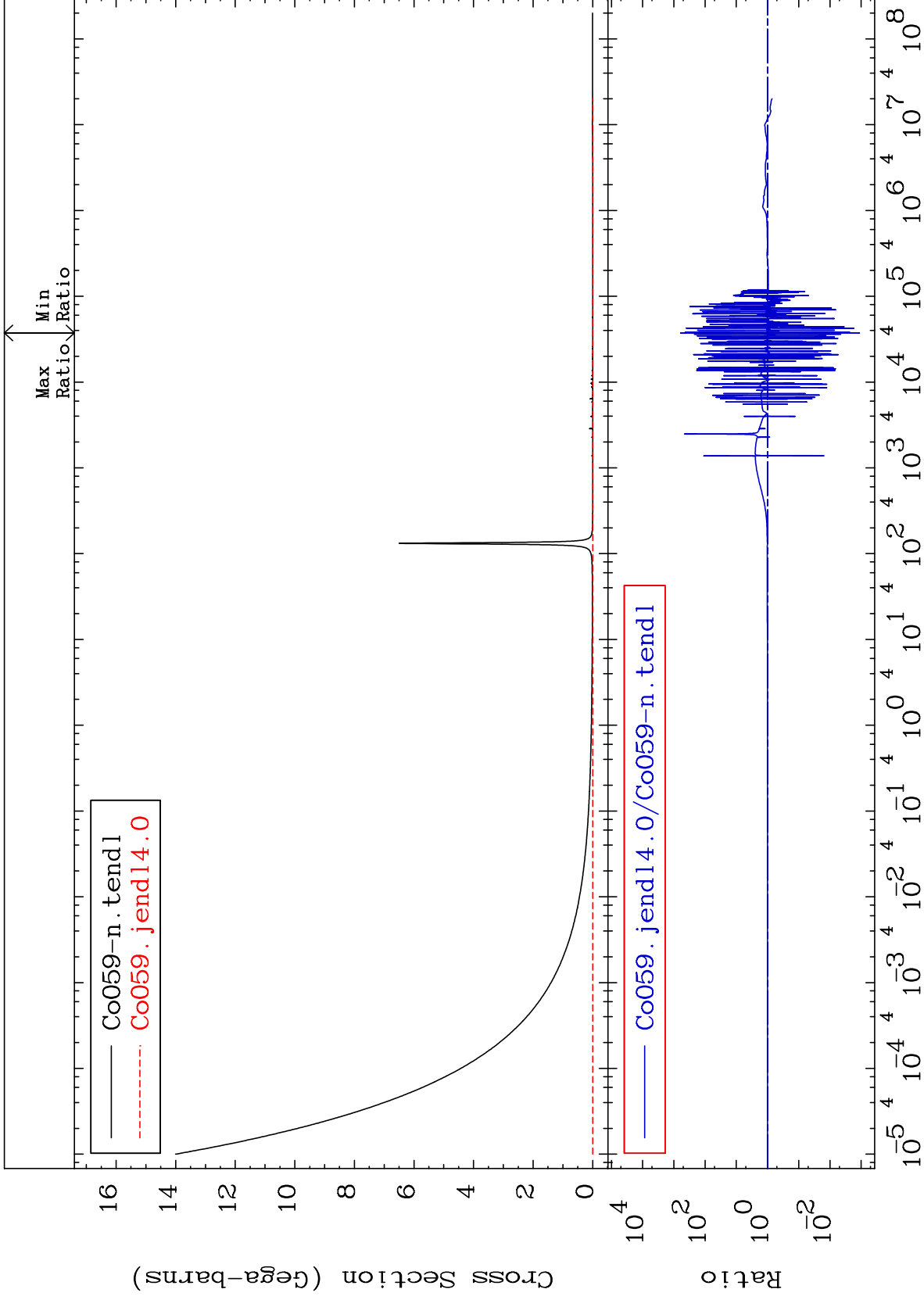
27-Co-59
-99.89 To 9999. %

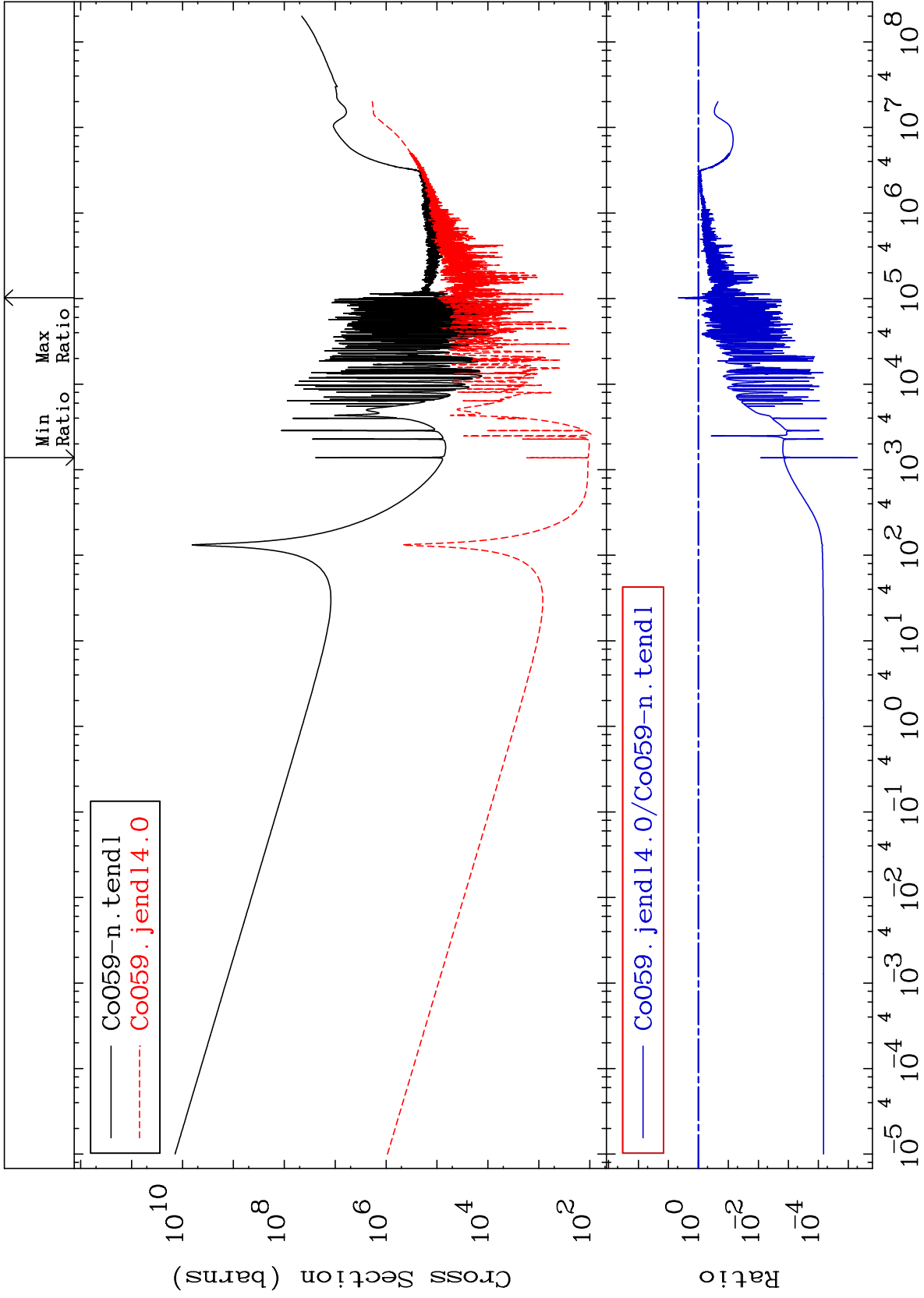


40

Incident Energy (eV)

27-Co-59

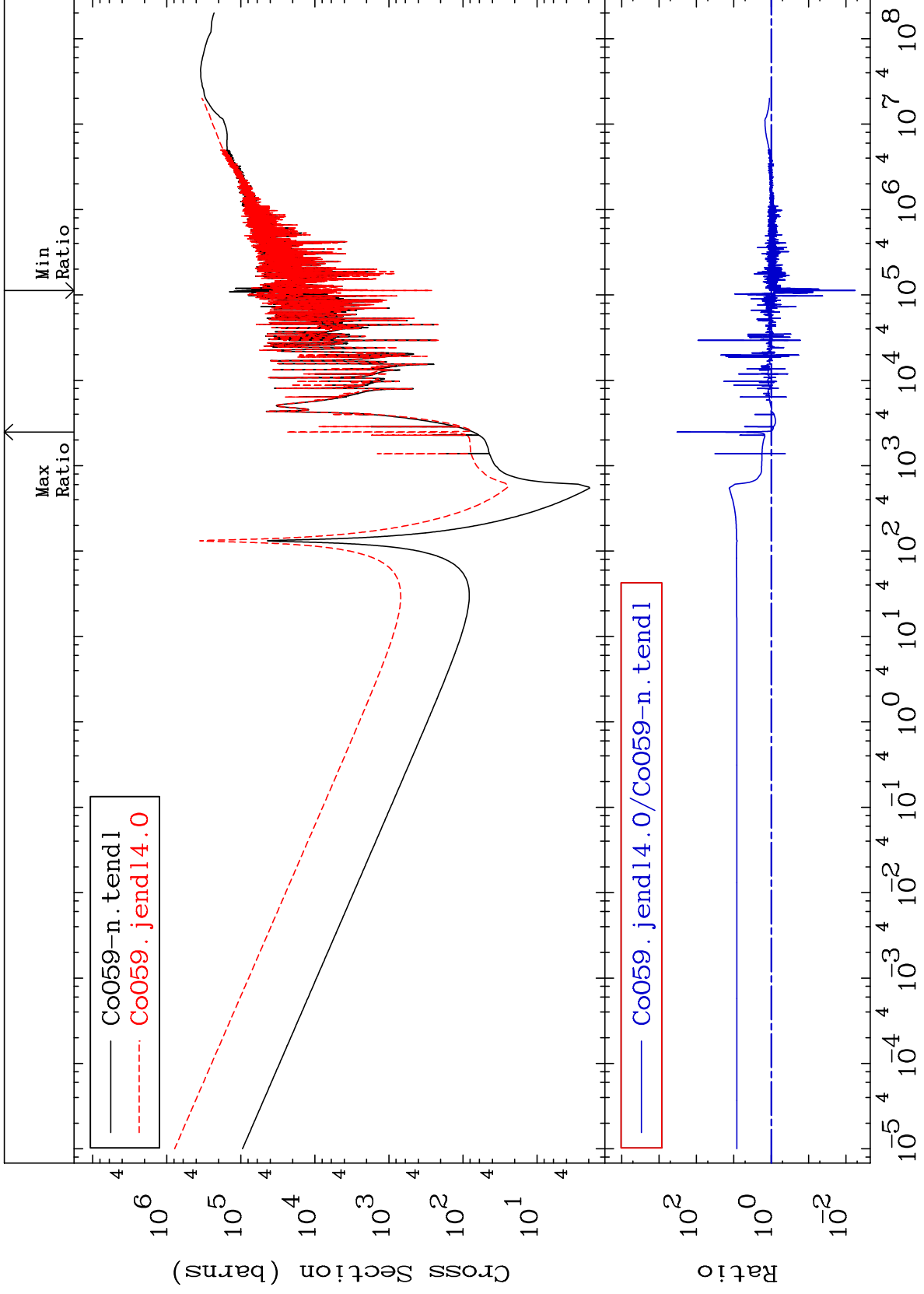




MAT 2725

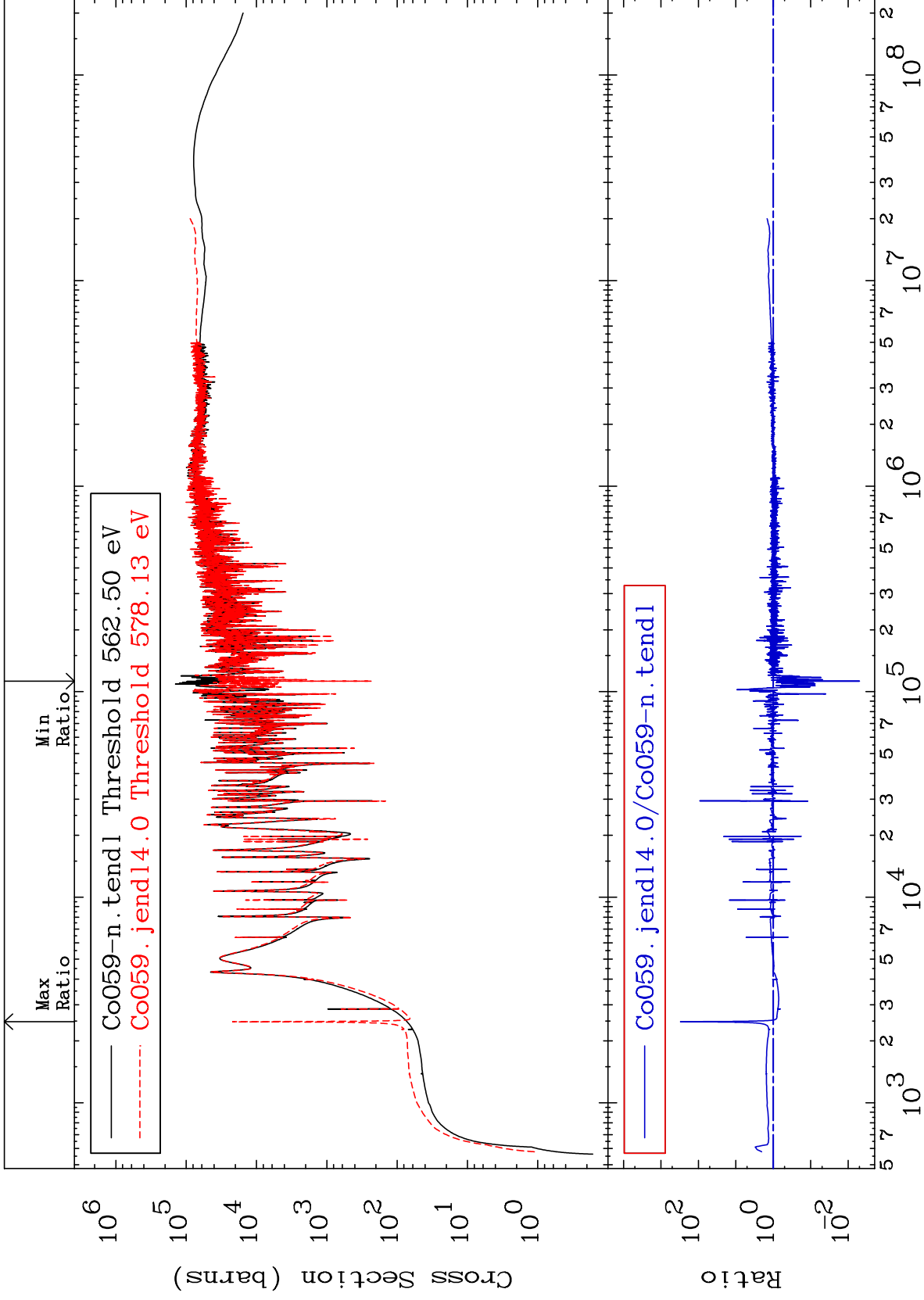
Dpa total (eV-barns)
Cross Section

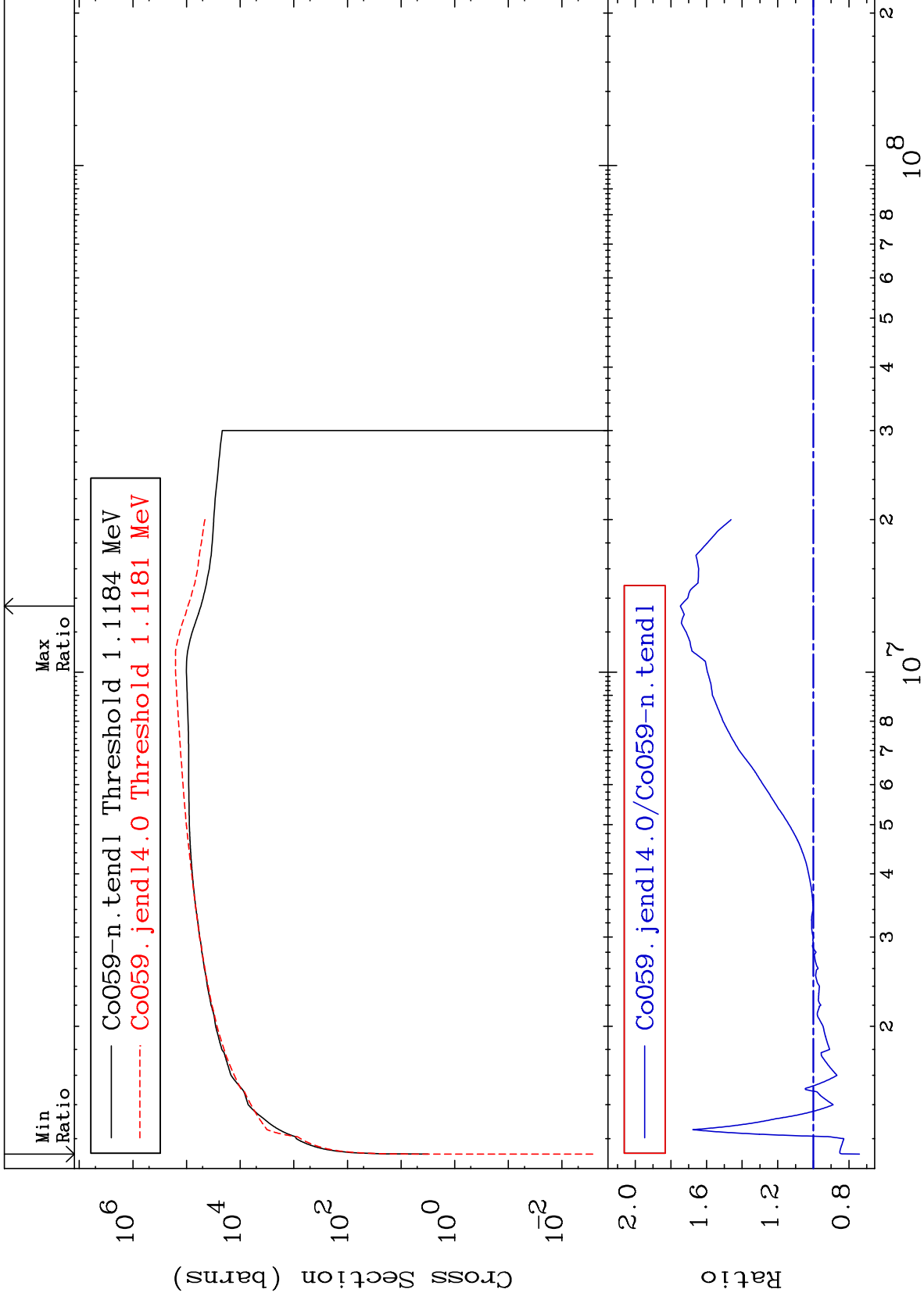
27-Co-59
-99.43 To 9999. %



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27-Co-59





MAT 2725

Dpa disappearance (mt102 -120)
Cross Section

27-Co-59
-98.01 To 9999. %

