

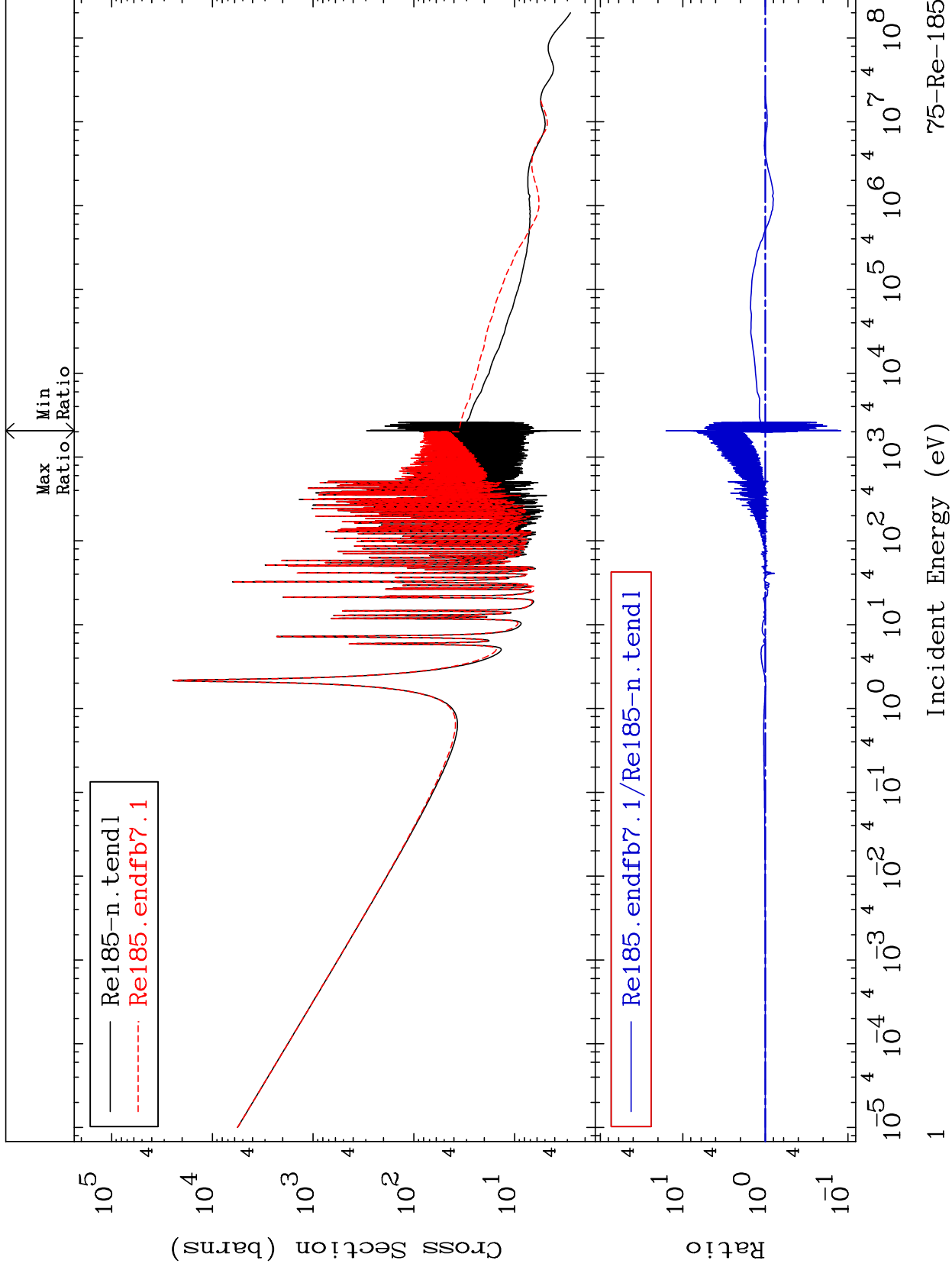
MAT 7525

Total

Cross Section

⁷⁵Re-¹⁸⁵

-87.82 To 1500. %



Incident Energy (eV)

⁷⁵Re-¹⁸⁵

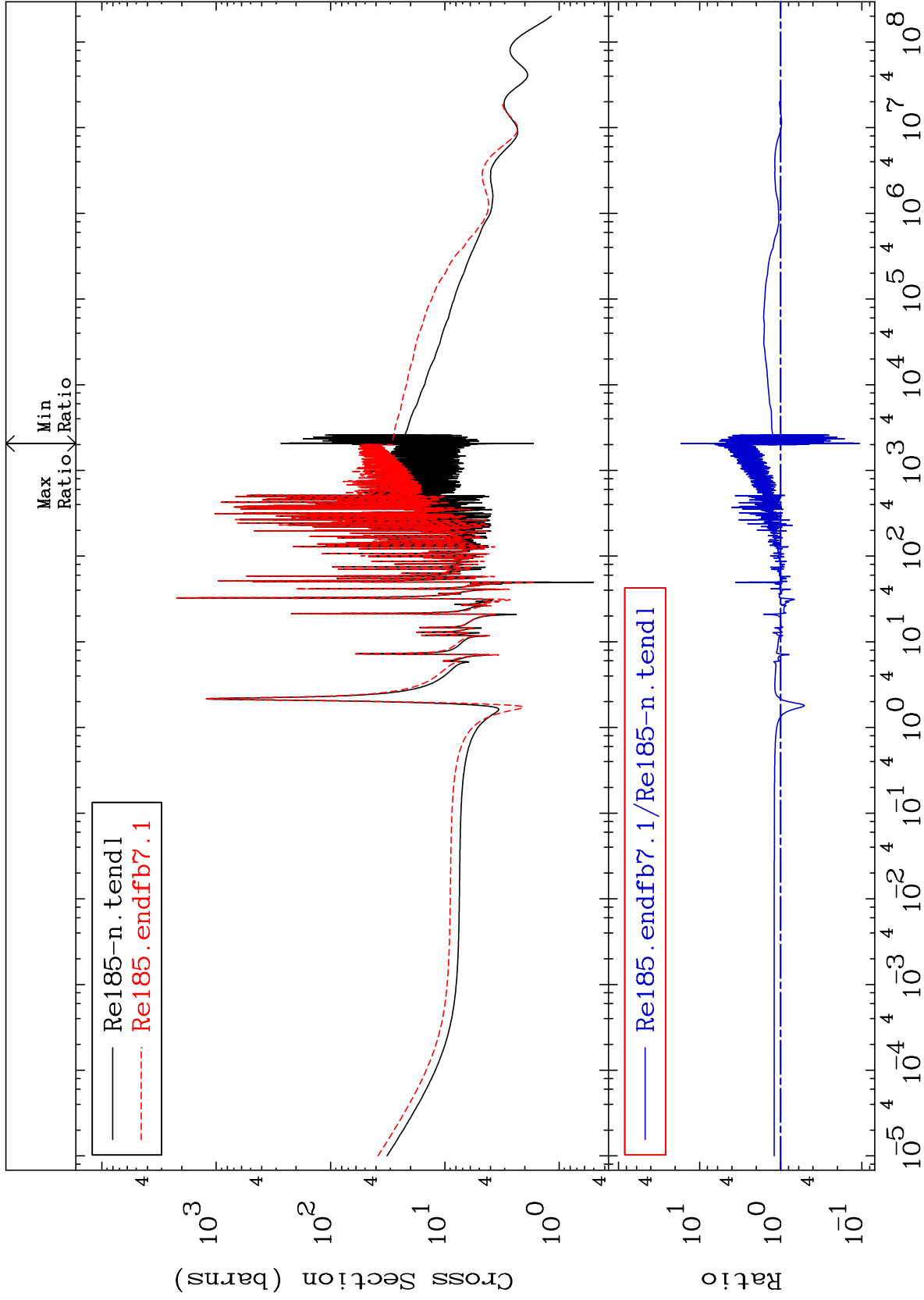
MAT 7525

Elastic

Cross Section

75-Re-185

-89.34 To 1607. %



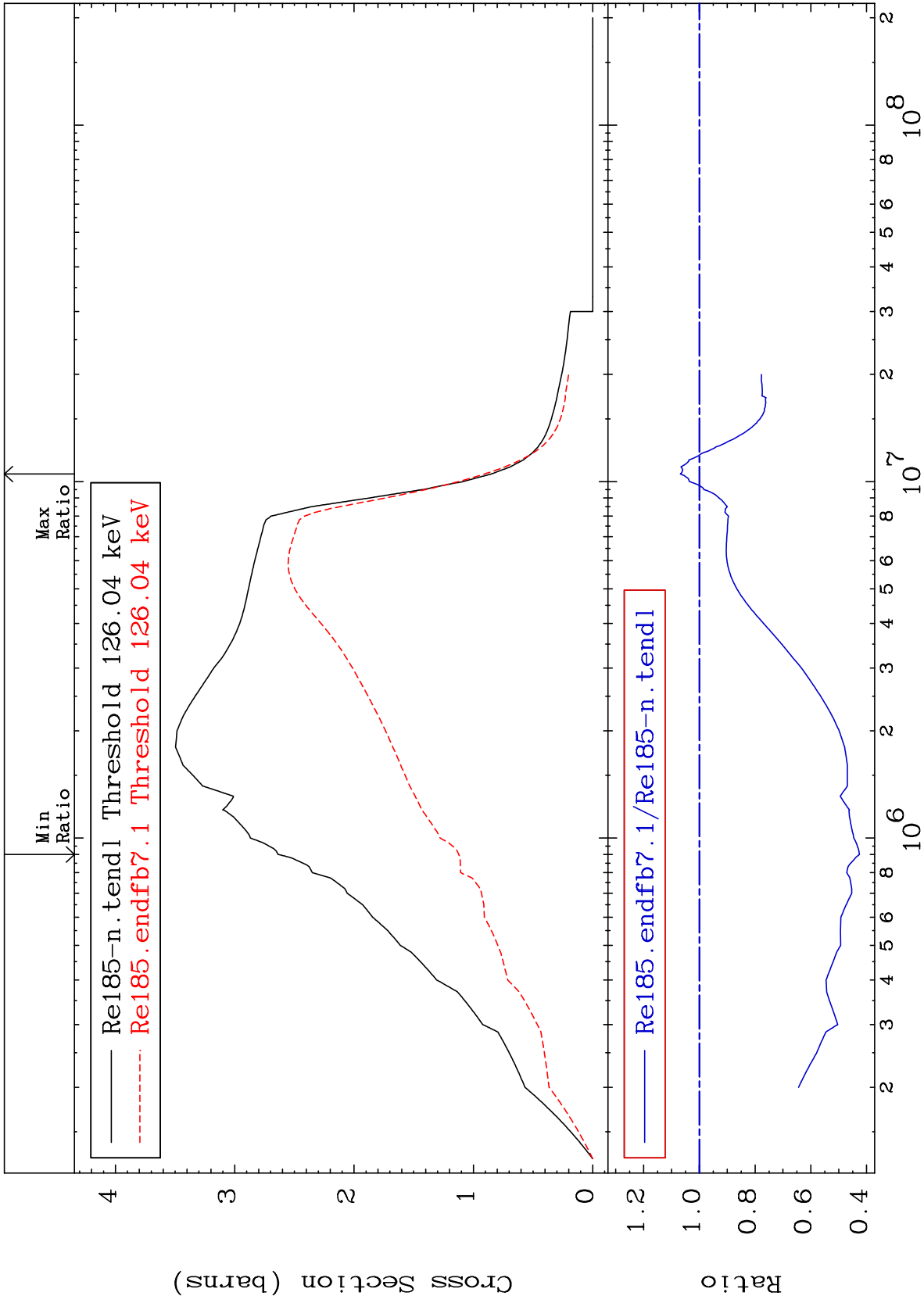
Incident Energy (eV)

75-Re-185

2

MAT 7525

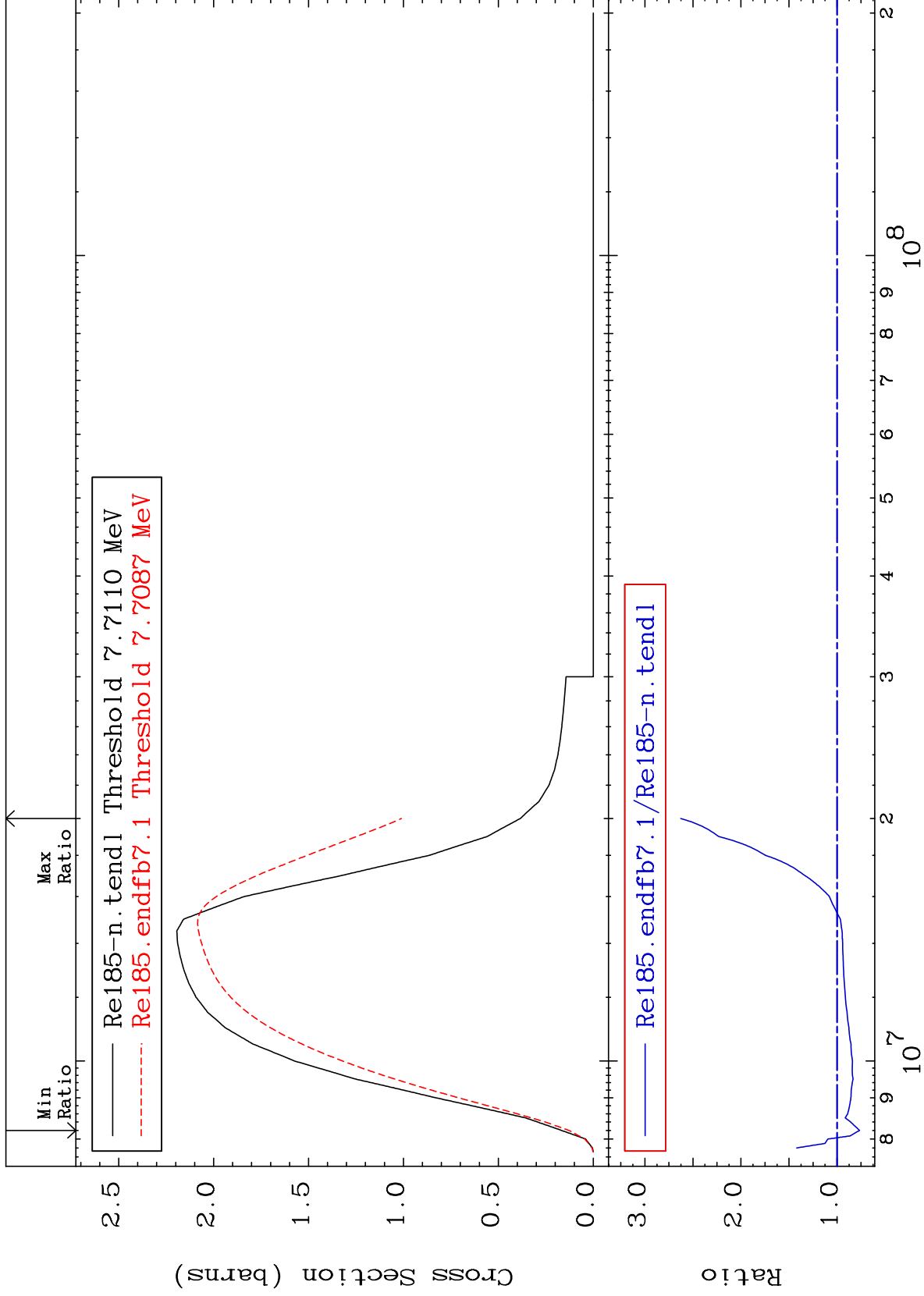
Inelastic Cross Section
75-Re-185
-57.43 To 6.821 %



MAT 7525

(n,2n)
Cross Section

⁷⁵Re-¹⁸⁵Re
-23.38 To 162.7 %



4

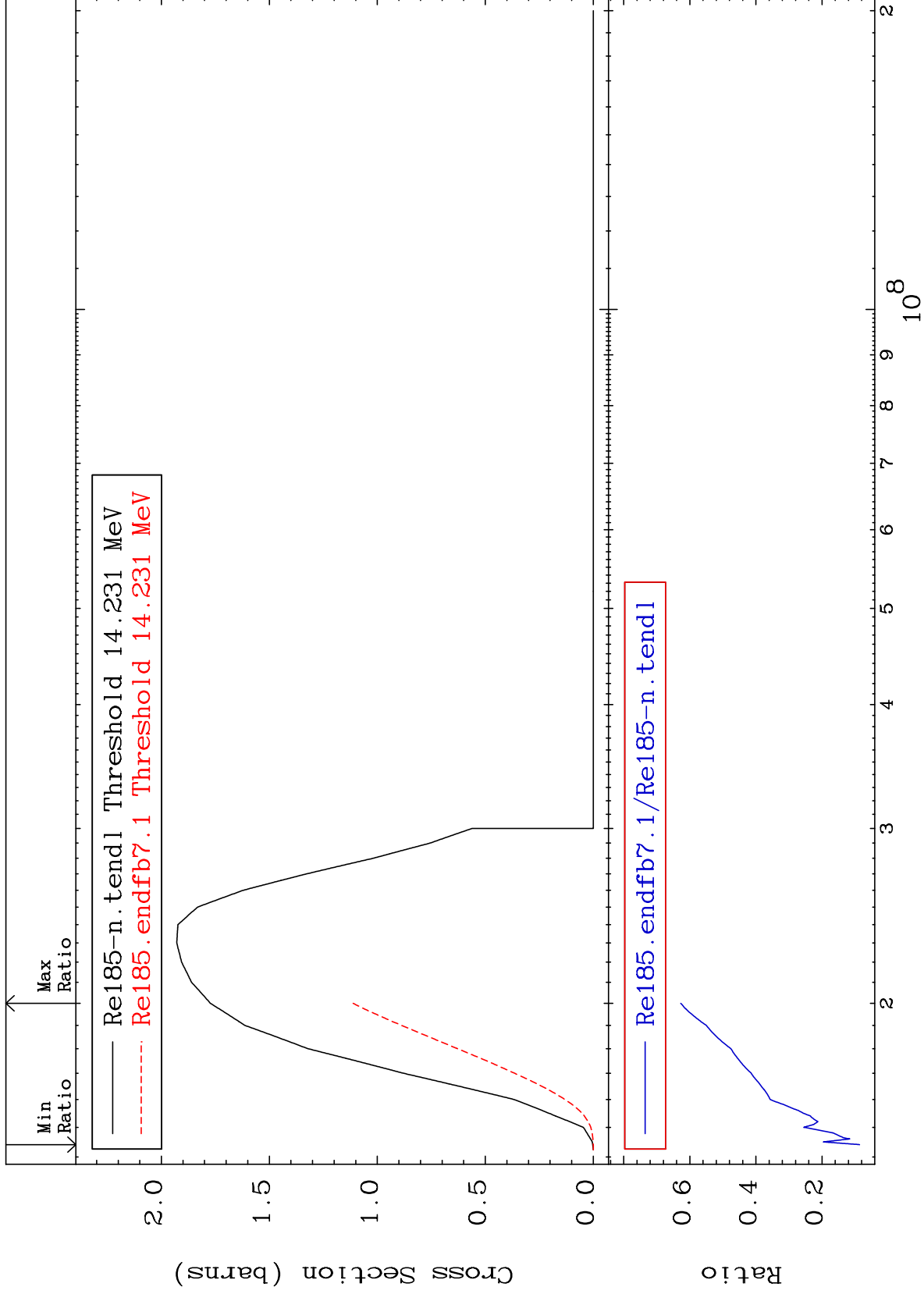
Incident Energy (eV)

⁷⁵Re-¹⁸⁵Re

MAT 7525

(n,3n)
Cross Section

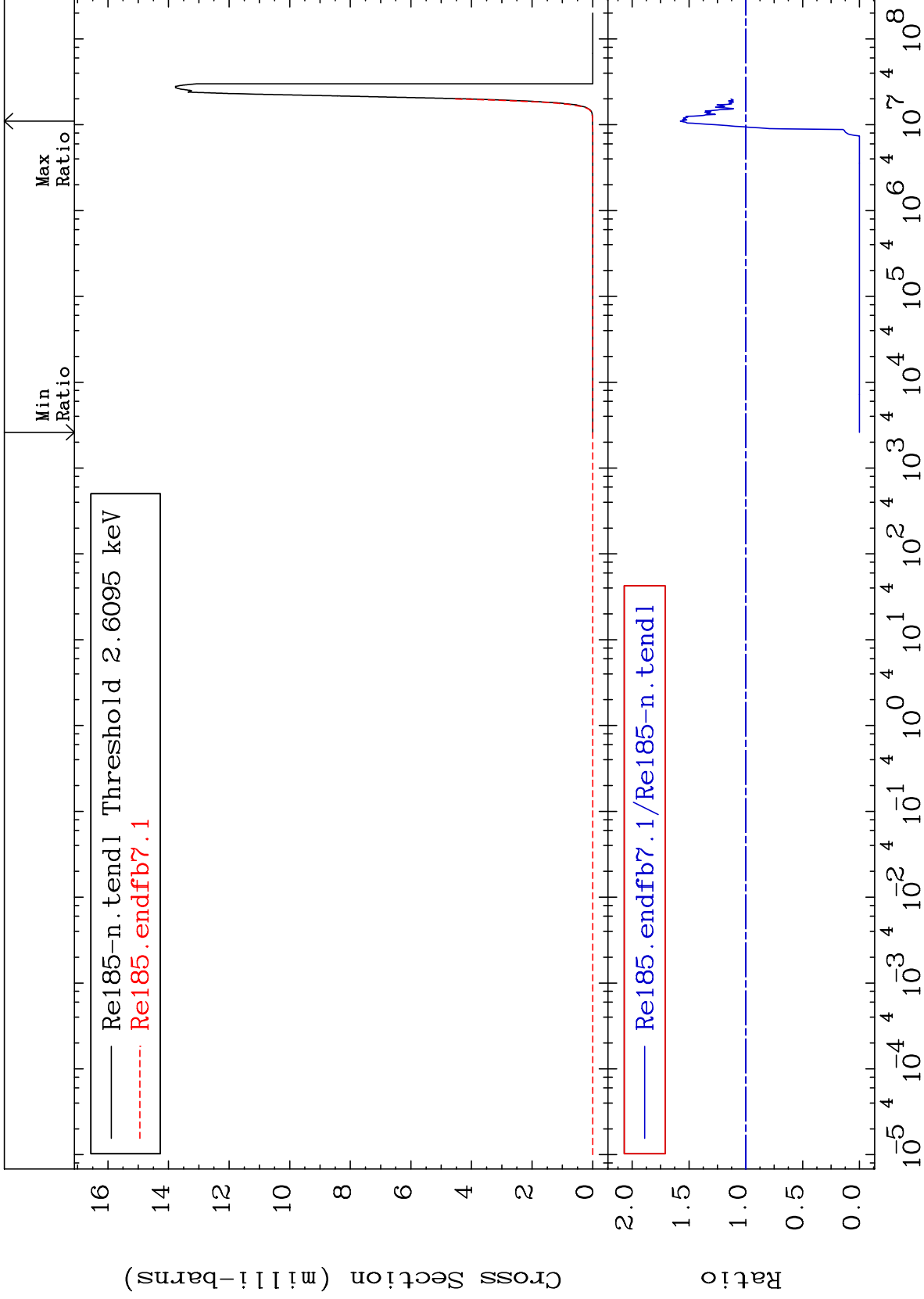
⁷⁵Re-¹⁸⁵Re
-91.37 To -37.26%



MAT 7525

$(n, n') \alpha$
Cross Section

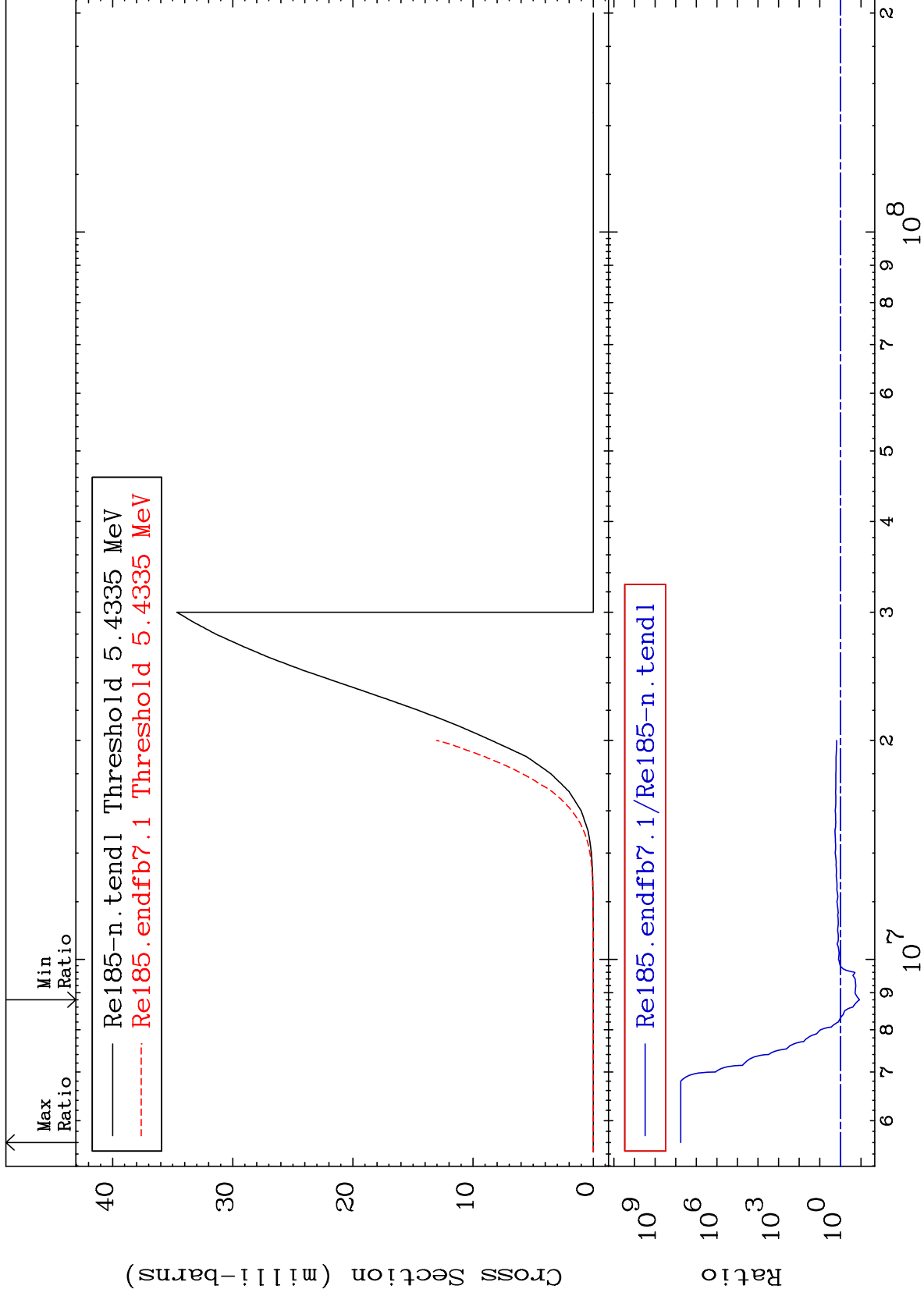
⁷⁵Re-¹⁸⁵Re
-100.0 To 57.59 %



MAT 7525

(n, n') p
Cross Section

75-Re-185
-88.23 To 9999. %

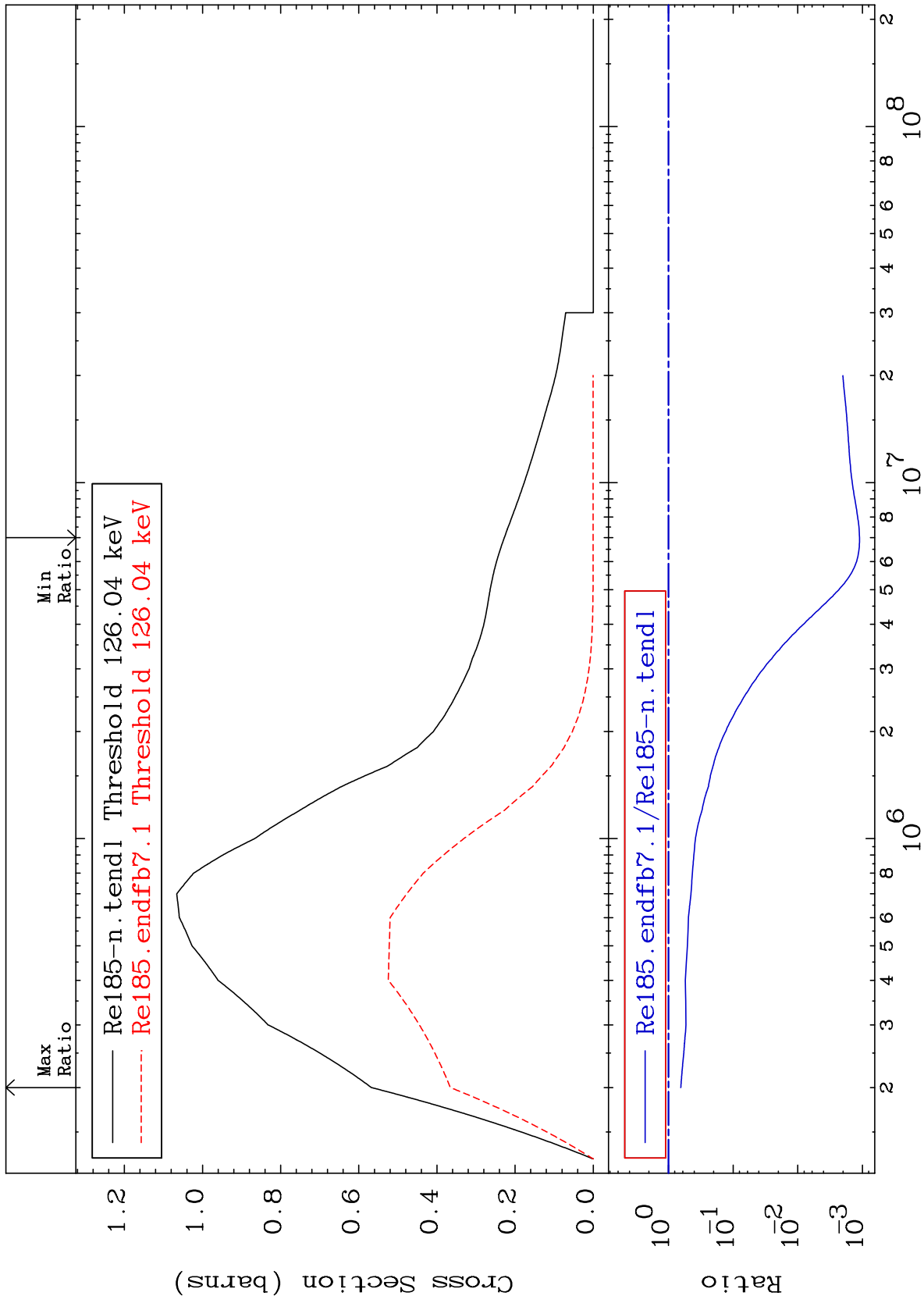


7

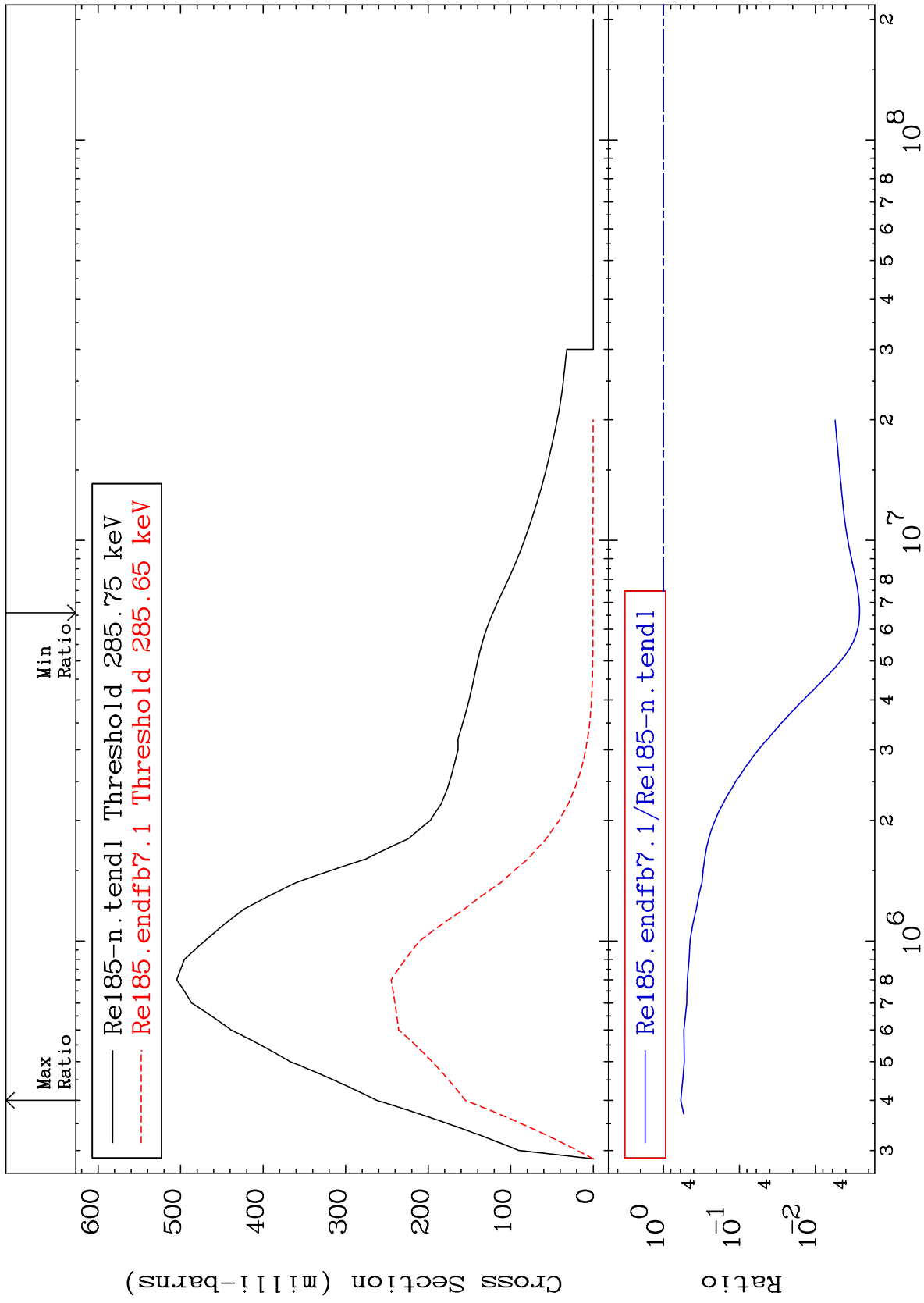
Incident Energy (eV)

75-Re-185

MAT 7525 125.4 keV (n,n') Level 75-Re-185
Cross Section -99.89 To -35.59%



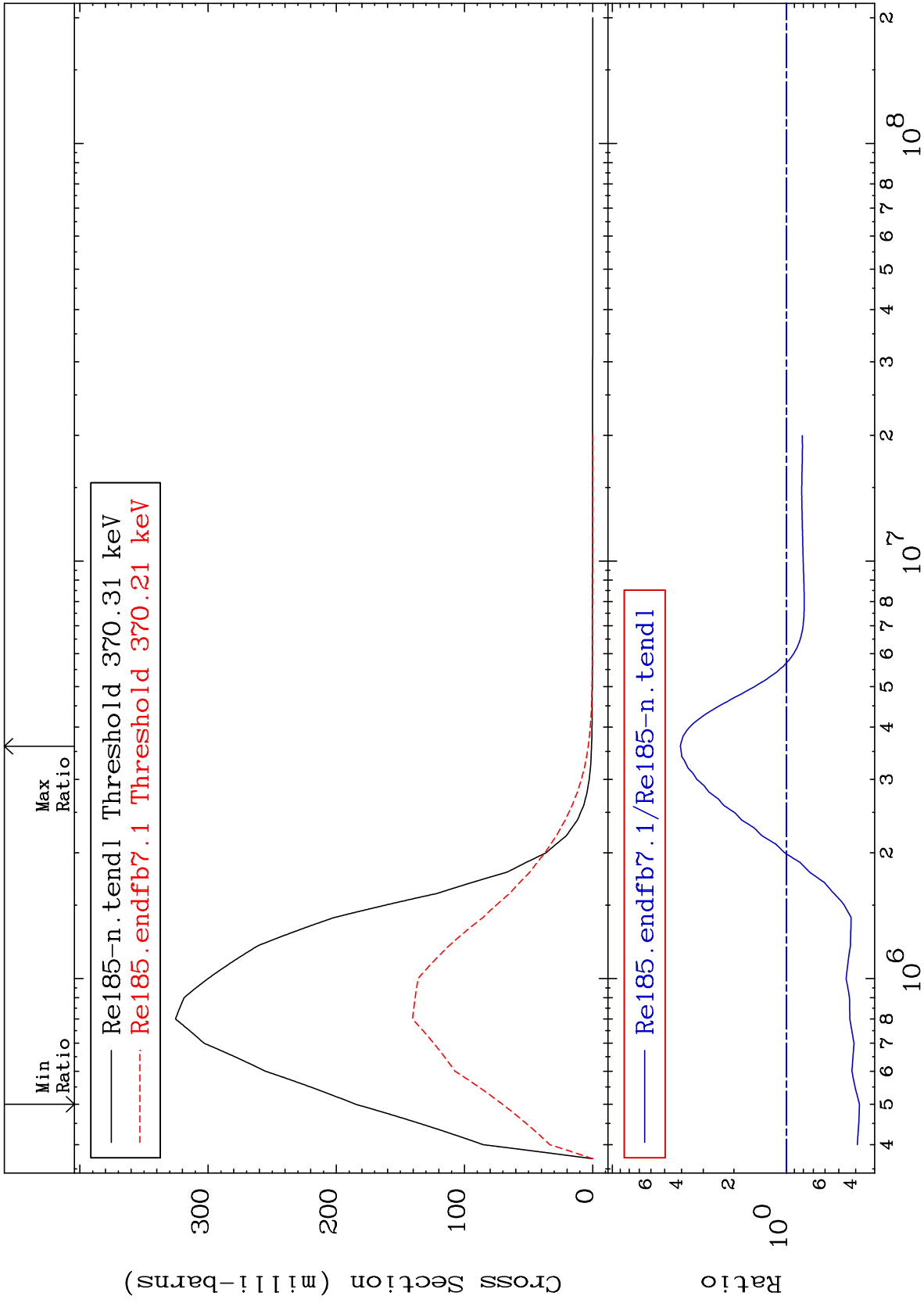
MAT 7525 284.2 keV (n,n') Level 75-Re-185
 Cross Section -99.74 To -40.88%



MAT 7525

368.3 keV (n,n') Level
Cross Section

75-Re-185
-61.92 To 306.5 %



10

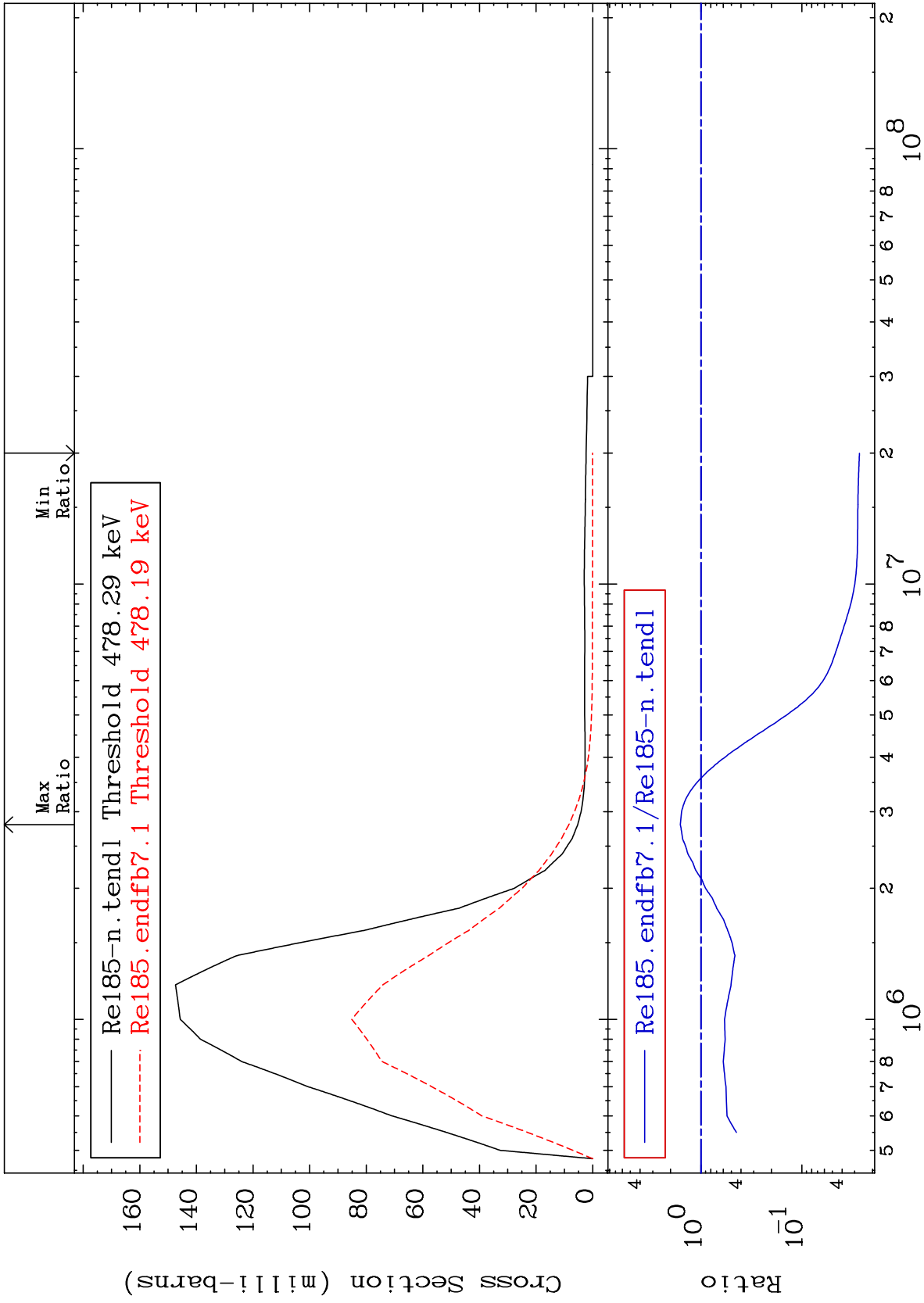
Incident Energy (eV)

75-Re-185

MAT 7525

475.7 keV (n,n') Level
Cross Section

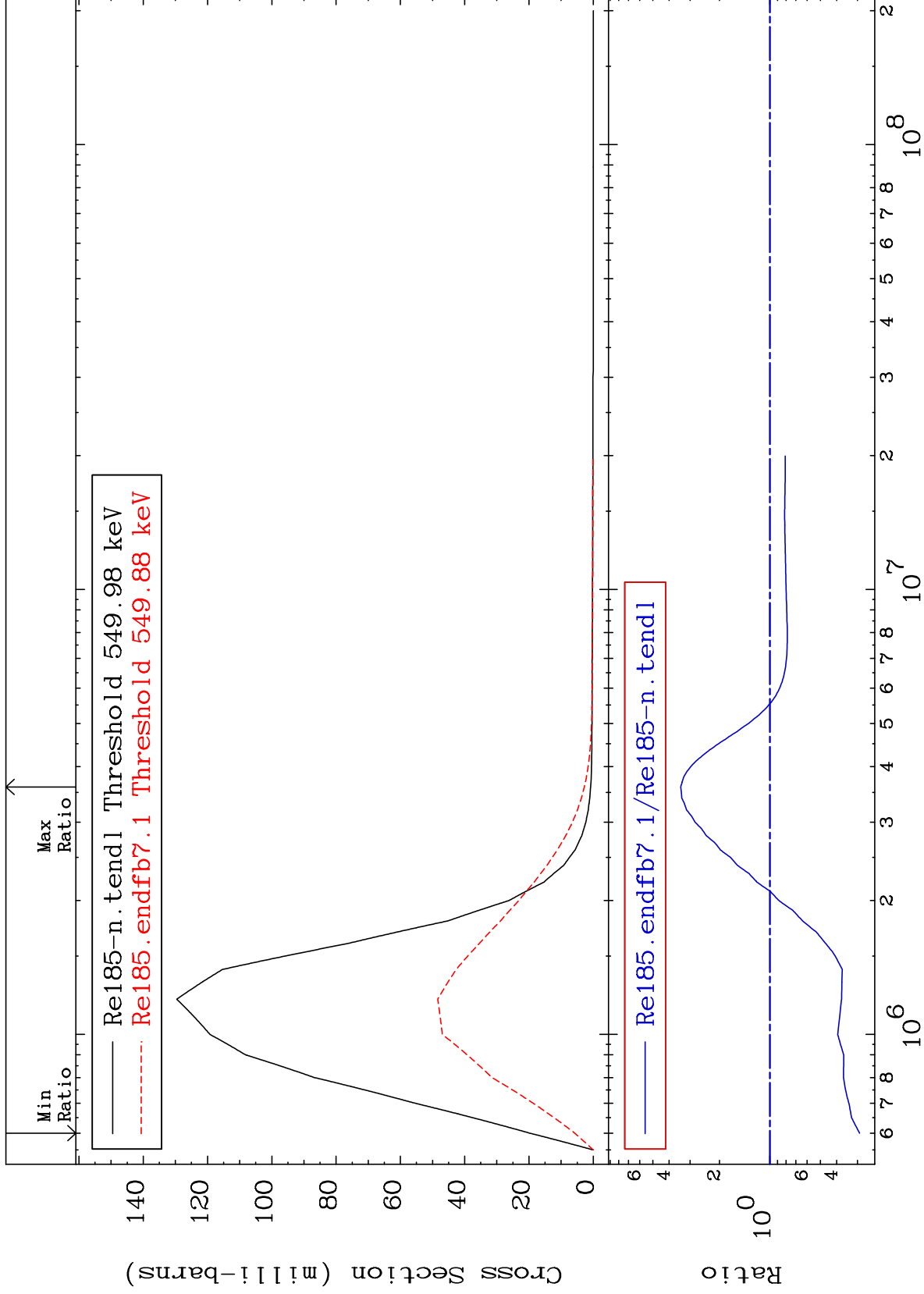
75-Re-185
-97.31 To 59.76 %



MAT 7525

547.0 keV (n,n') Level
Cross Section

75-Re-185
-70.84 To 240.7 %



12

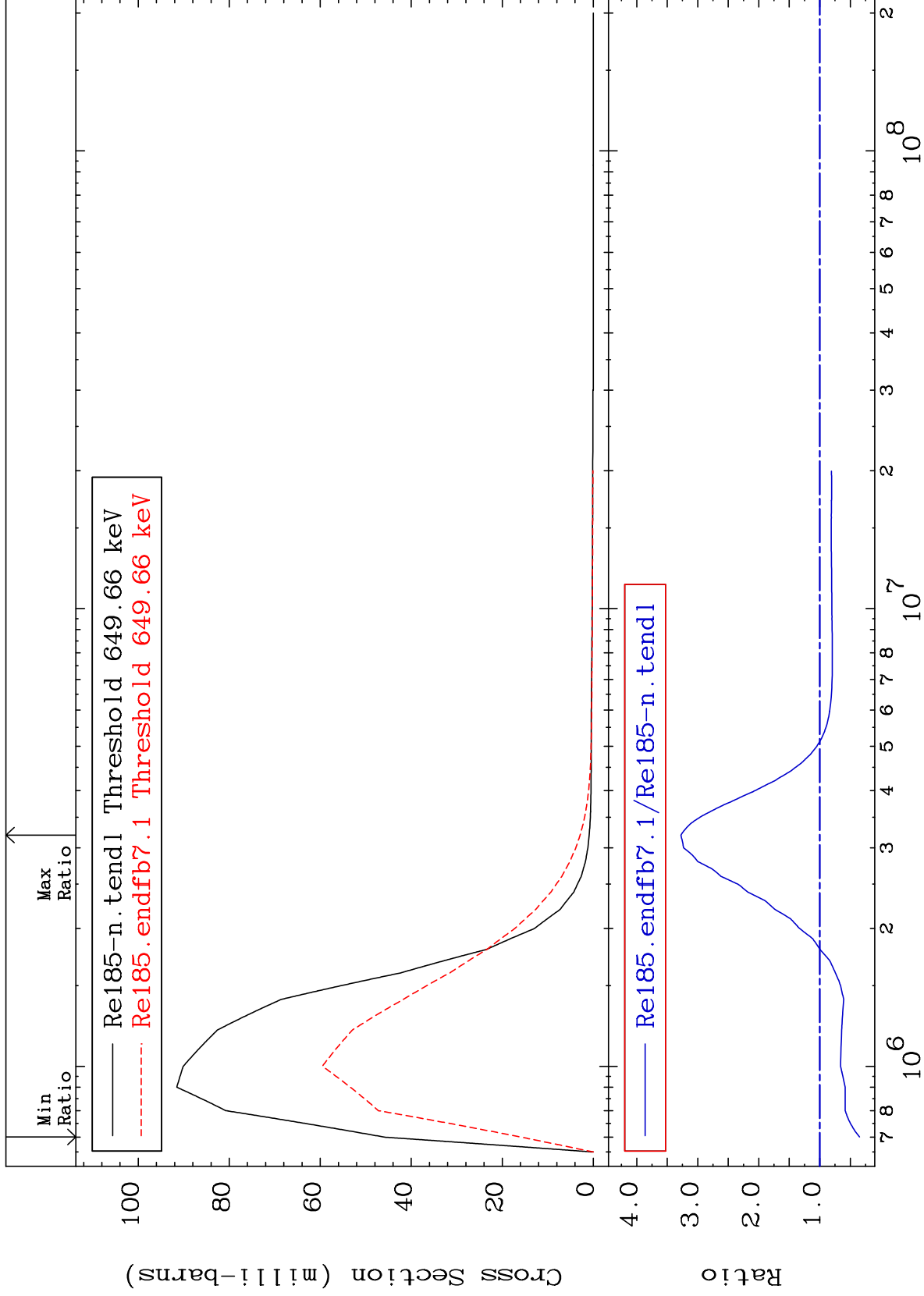
Incident Energy (eV)

75-Re-185

MAT 7525

646.1 keV (n,n') Level
Cross Section

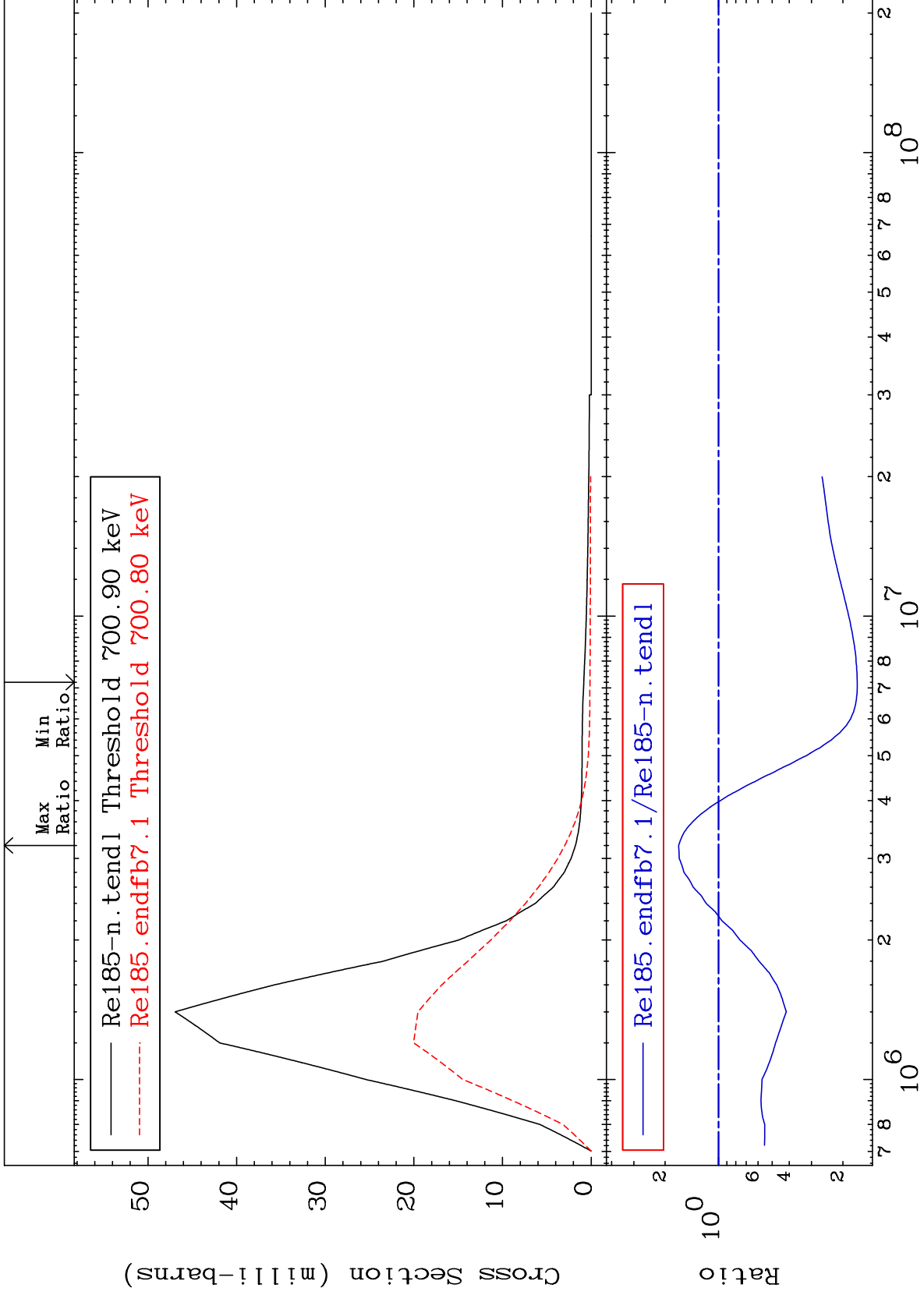
⁷⁵Re-¹⁸⁵
-65.13 To 227.8 %



MAT 7525

697.1 keV (n,n') Level
Cross Section

75-Re-185
-83.41 To 67.87 %



14

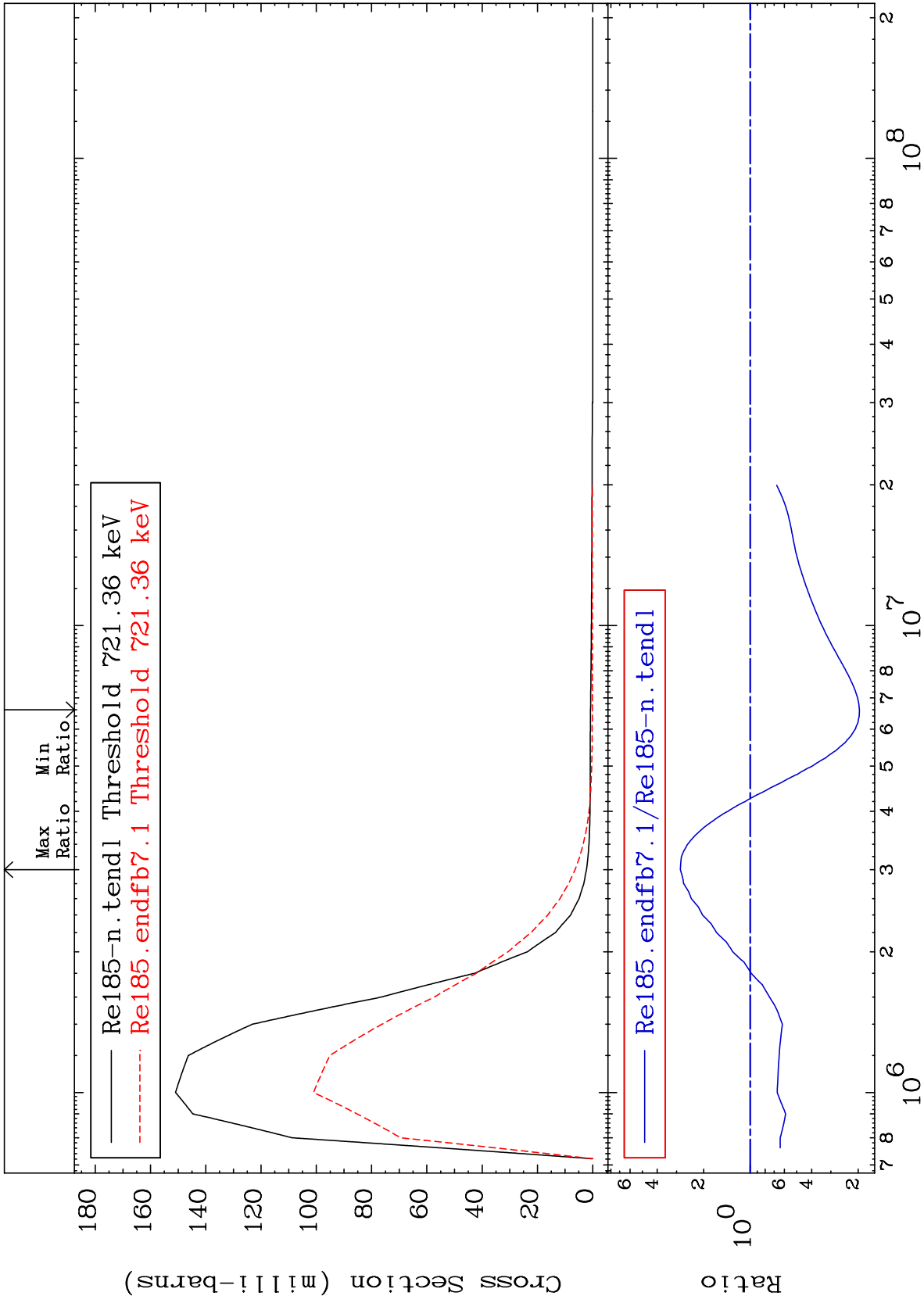
Incident Energy (eV)

75-Re-185

MAT 7525

717.4 keV (n,n') Level
Cross Section

⁷⁵Re-¹⁸⁵Re
-80.39 To 183.4 %



15

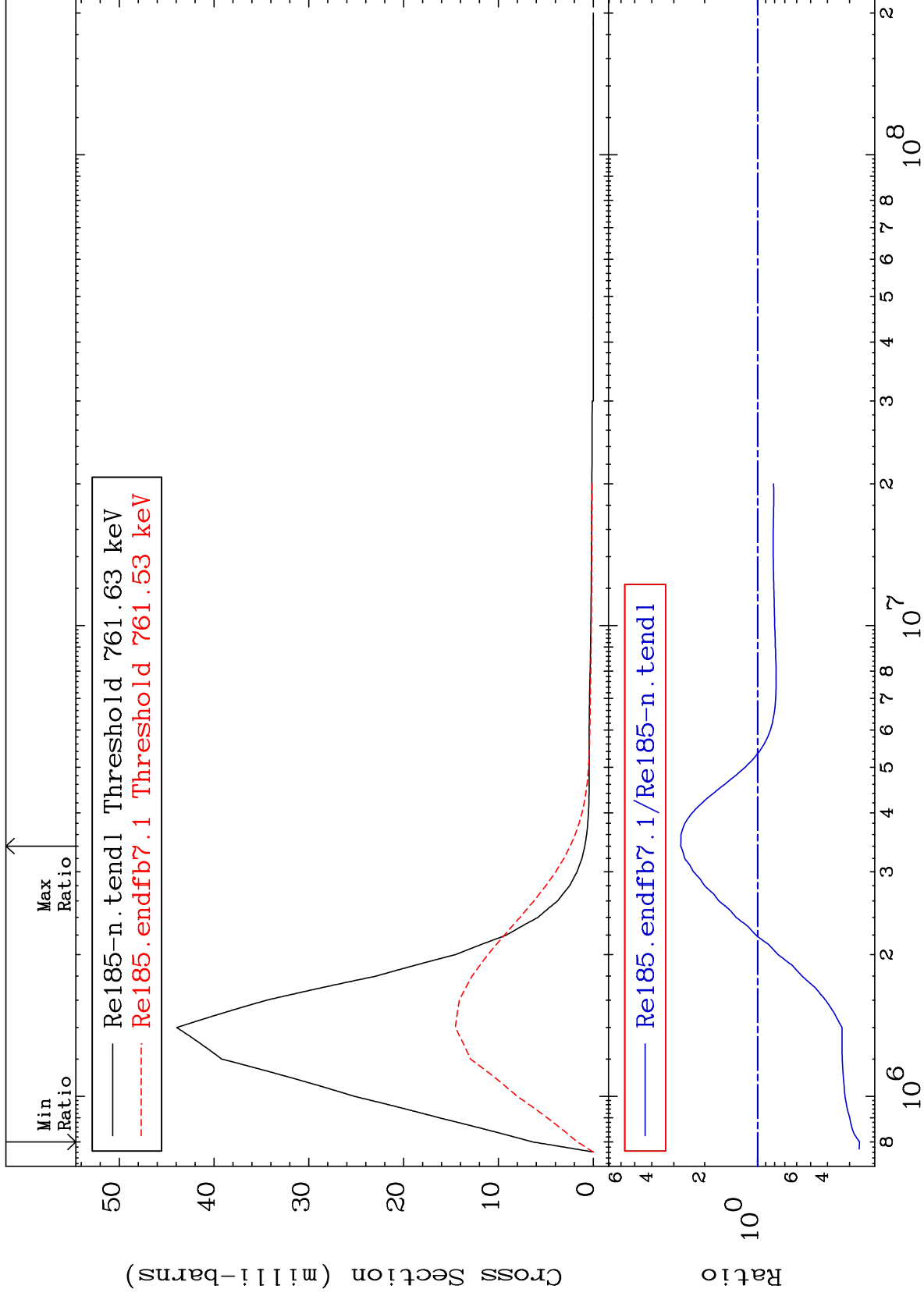
Incident Energy (eV)

⁷⁵Re-¹⁸⁵Re

MAT 7525

757.5 keV (n,n') Level
Cross Section

75-Re-185
-73.69 To 173.8 %



16

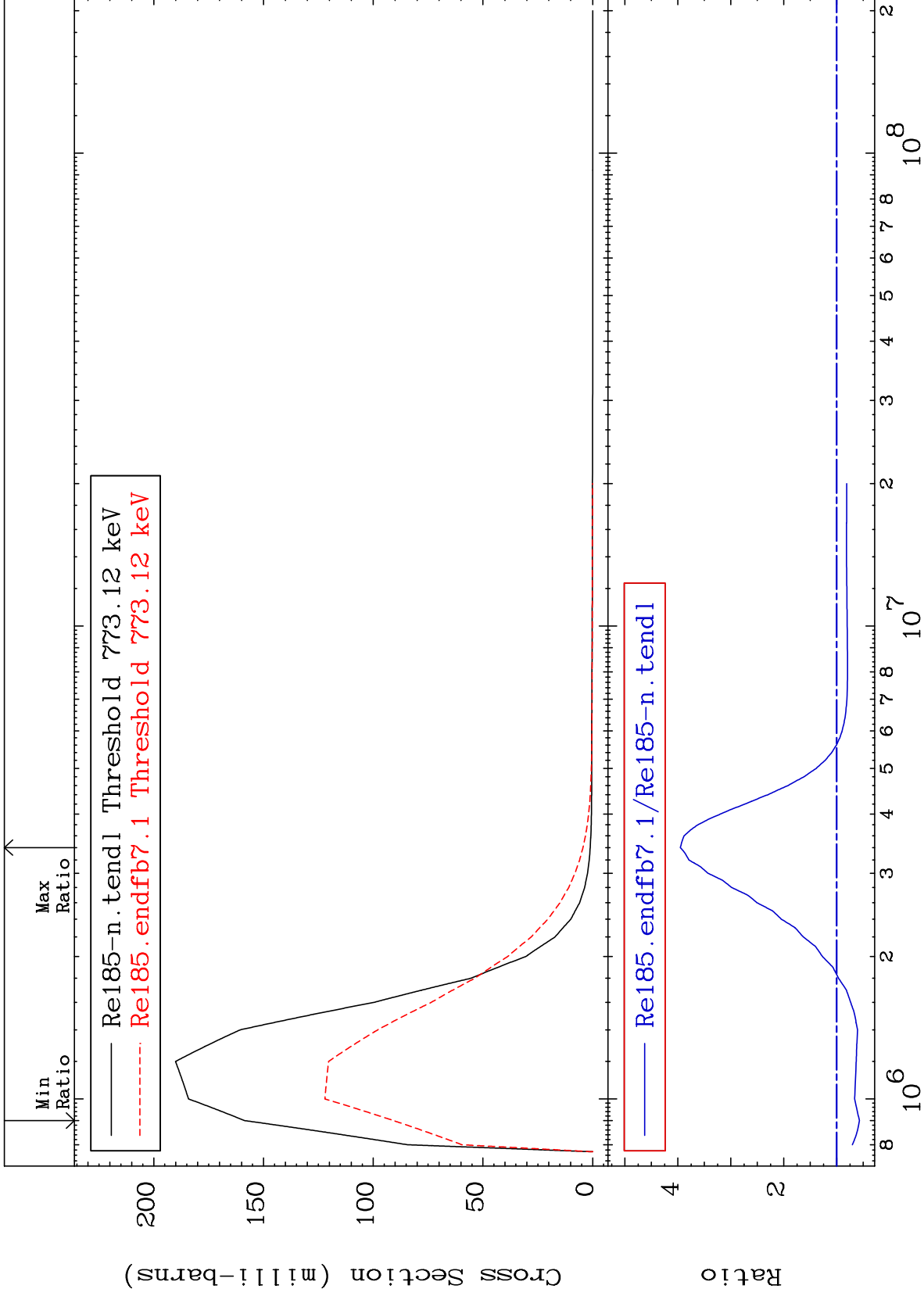
Incident Energy (eV)

75-Re-185

MAT 7525

768.9 keV (n,n') Level
Cross Section

⁷⁵Re-¹⁸⁵Re
-42.76 To 295.3 %



17

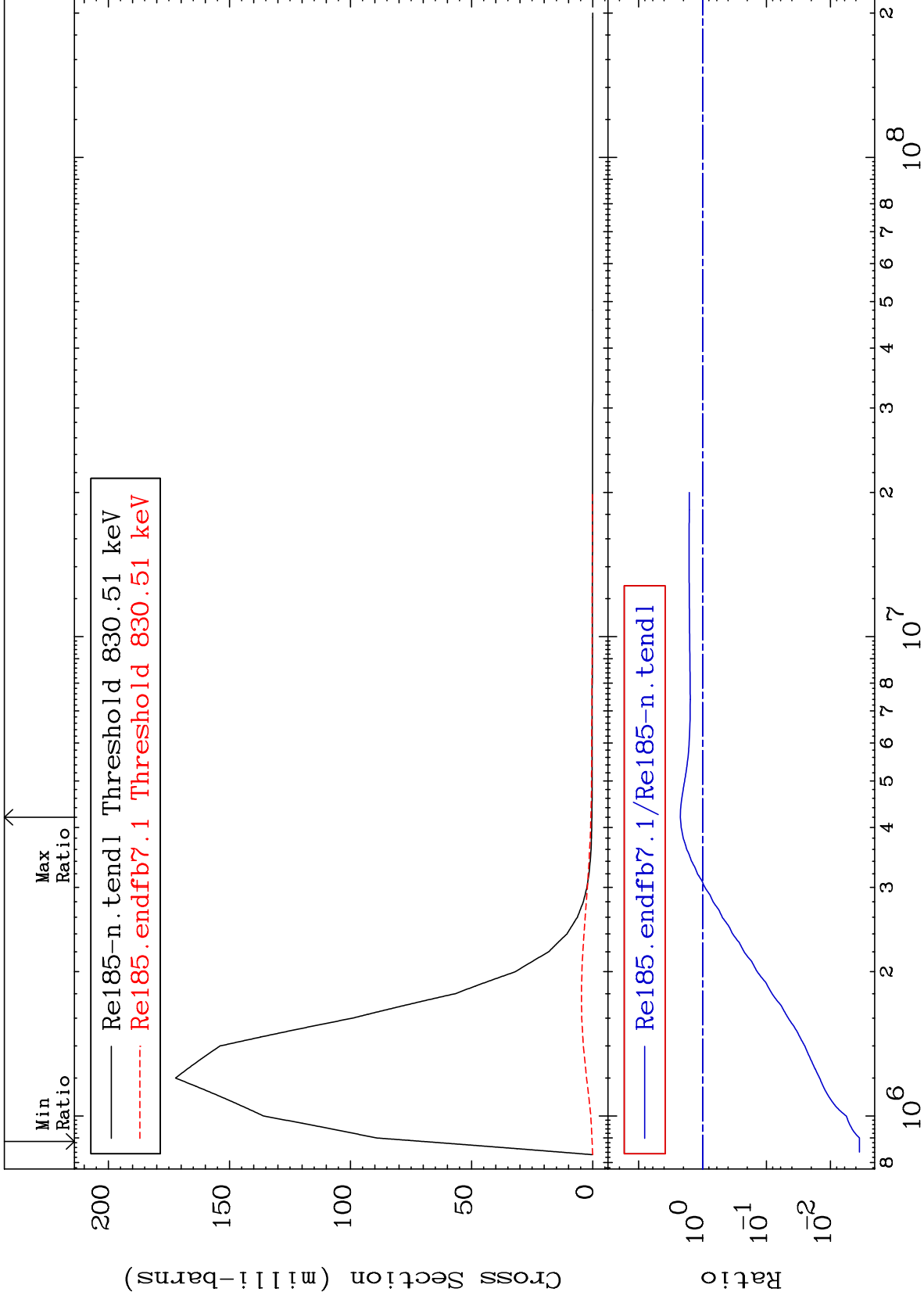
Incident Energy (eV)

⁷⁵Re-¹⁸⁵Re

MAT 7525

826.0 keV (n,n') Level
Cross Section

⁷⁵Re-¹⁸⁵Re
-99.65 To 122.8 %



18

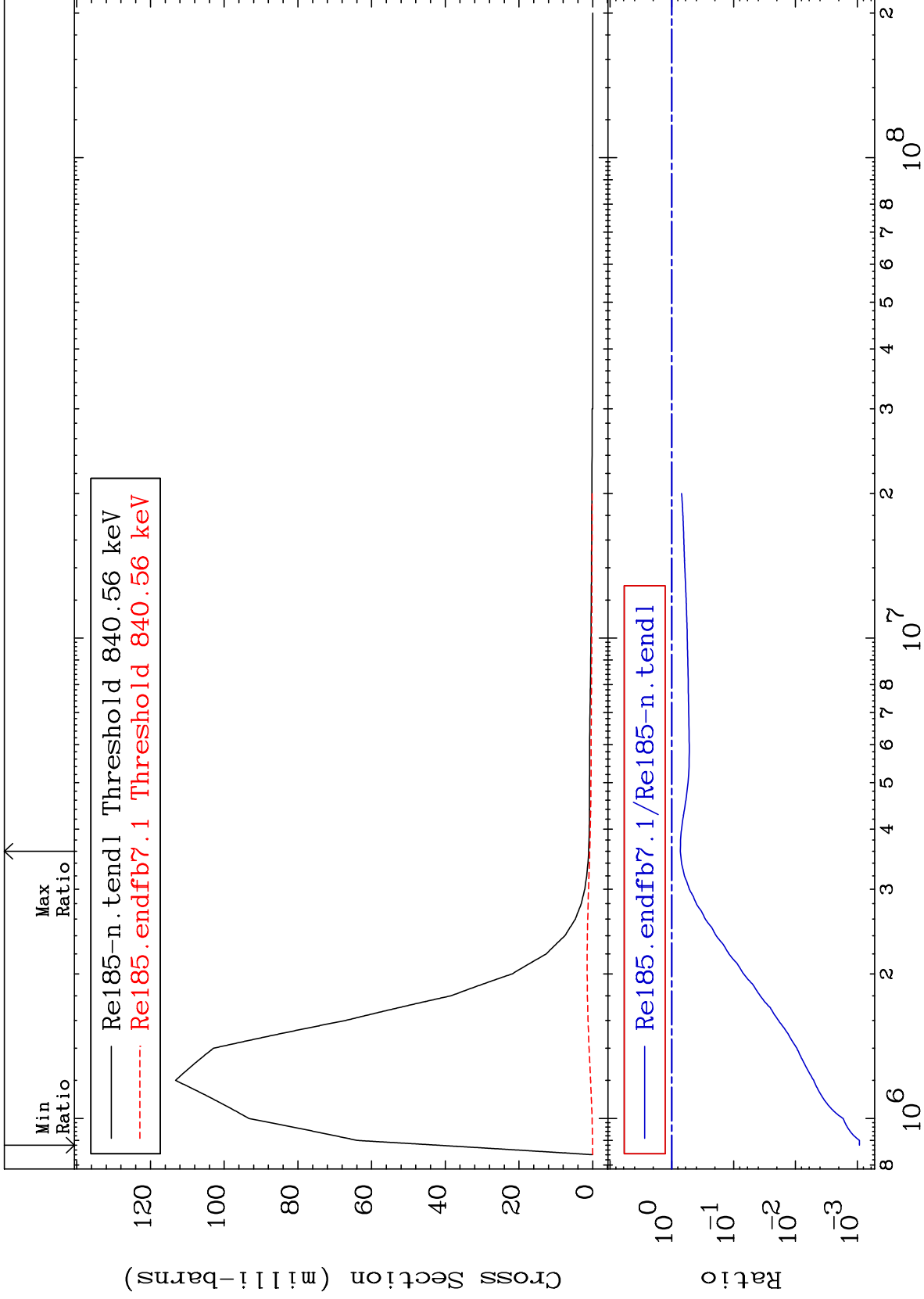
Incident Energy (eV)

⁷⁵Re-¹⁸⁵Re

MAT 7525

836.0 keV (n,n') Level
Cross Section

⁷⁵Re-¹⁸⁵Re
-99.91 To -27.27%



19

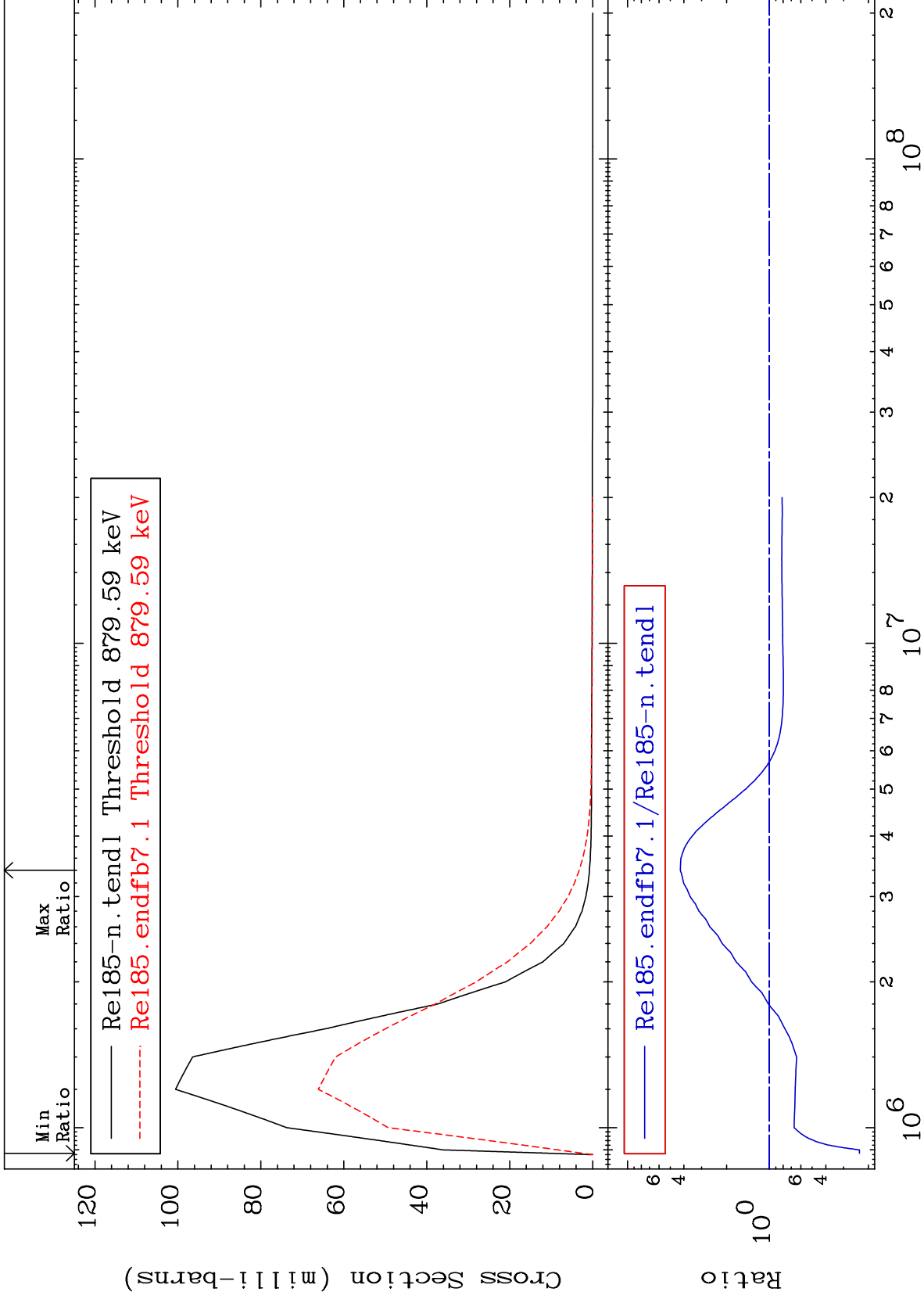
Incident Energy (eV)

⁷⁵Re-¹⁸⁵Re

MAT 7525

874.8 keV (n,n') Level
Cross Section

75-Re-185
-76.84 To 324.0 %



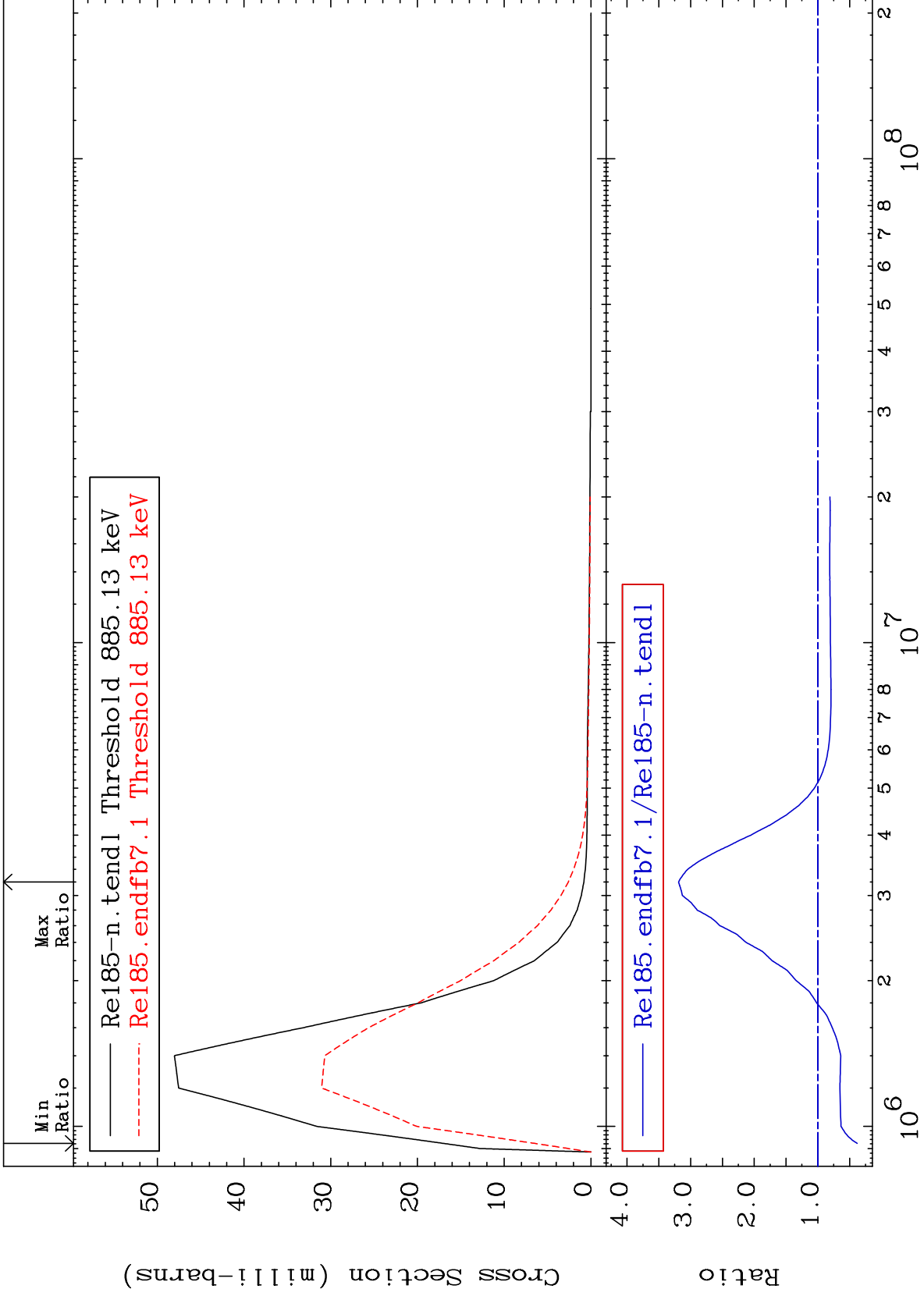
Incident Energy (eV)

75-Re-185

MAT 7525

880.3 keV (n,n') Level
Cross Section

75-Re-185
-61.93 To 219.2 %



21

Incident Energy (eV)

75-Re-185

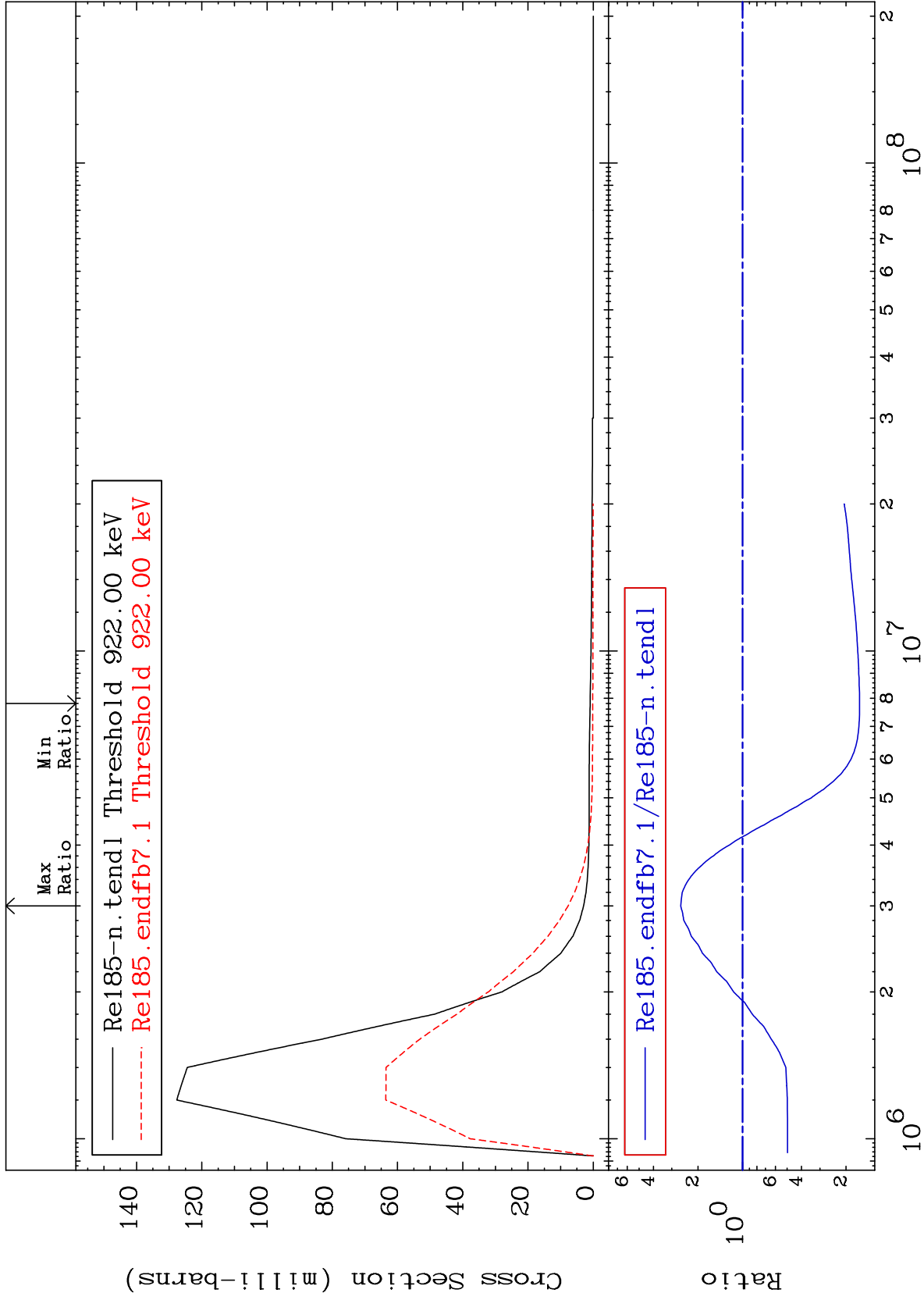
MAT 7525

917.0 keV (n,n') Level

⁷⁵Re-¹⁸⁵

-83.78 To 161.2 %

Cross Section



22

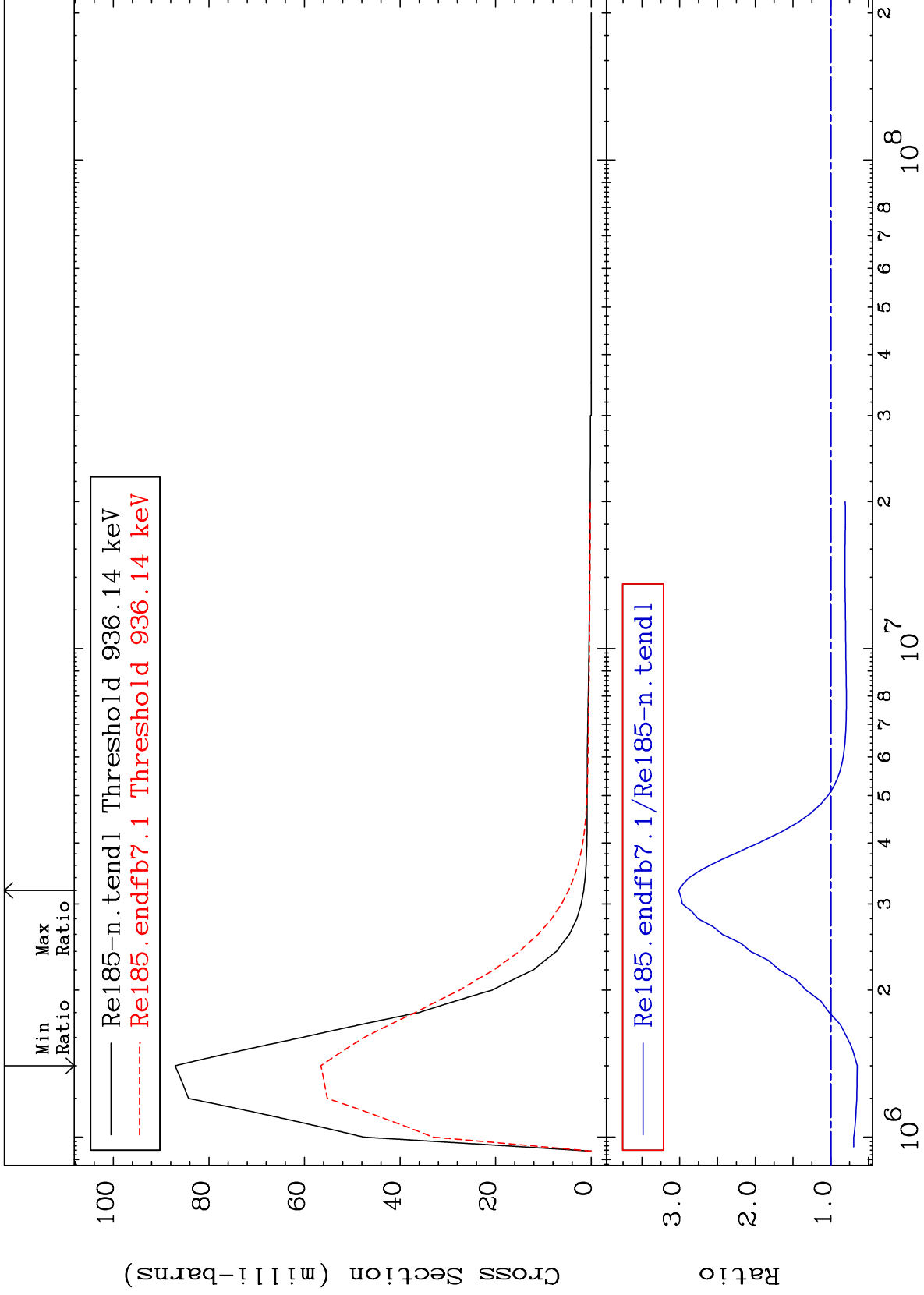
Incident Energy (eV)

⁷⁵Re-¹⁸⁵

MAT 7525

931.1 keV (n,n') Level
Cross Section

⁷⁵Re-¹⁸⁵Re
-35.06 To 201.4 %



23

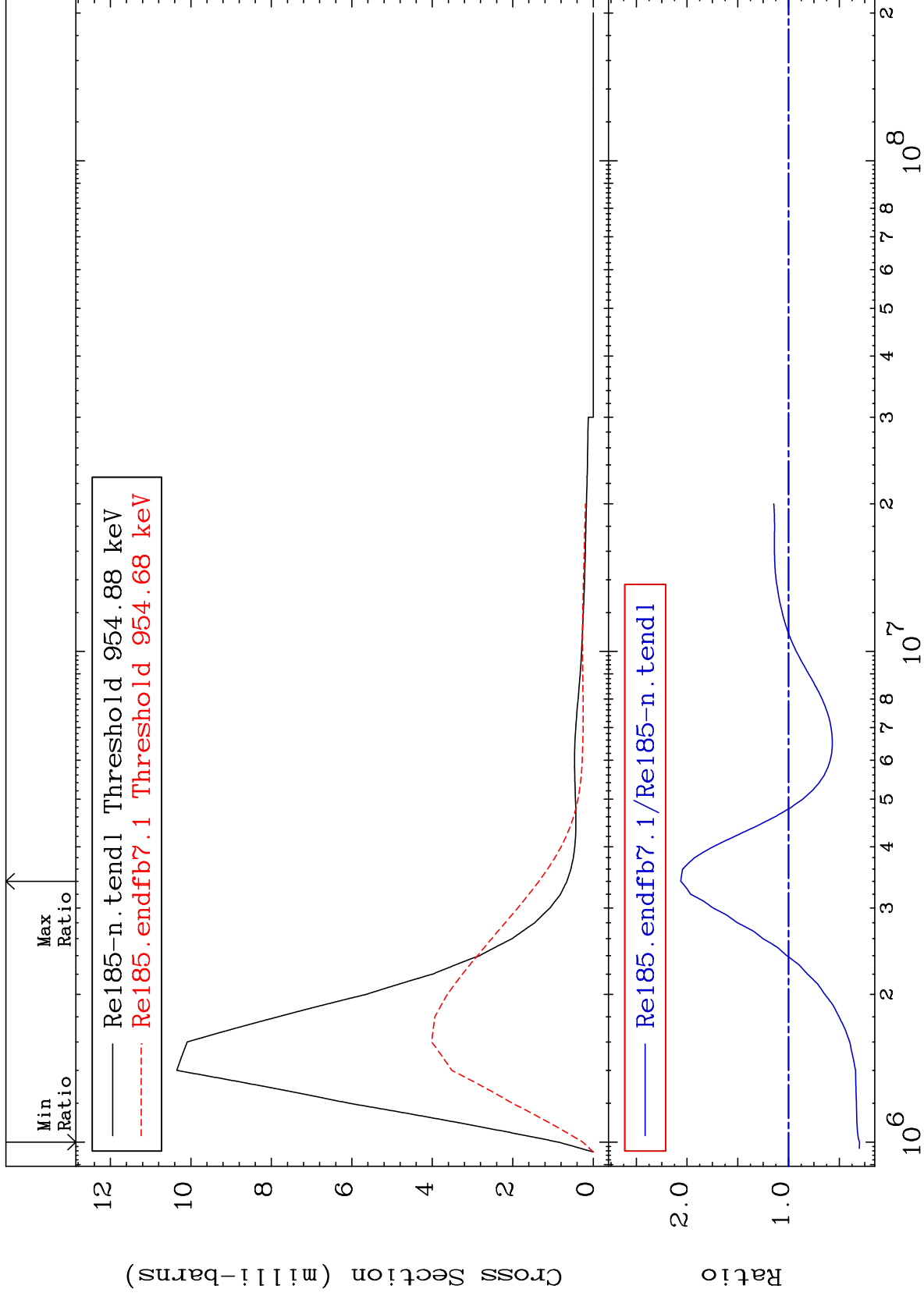
Incident Energy (eV)

⁷⁵Re-¹⁸⁵Re

MAT 7525

949.7 keV (n,n') Level
Cross Section

75-Re-185
-69.94 To 106.2 %



24

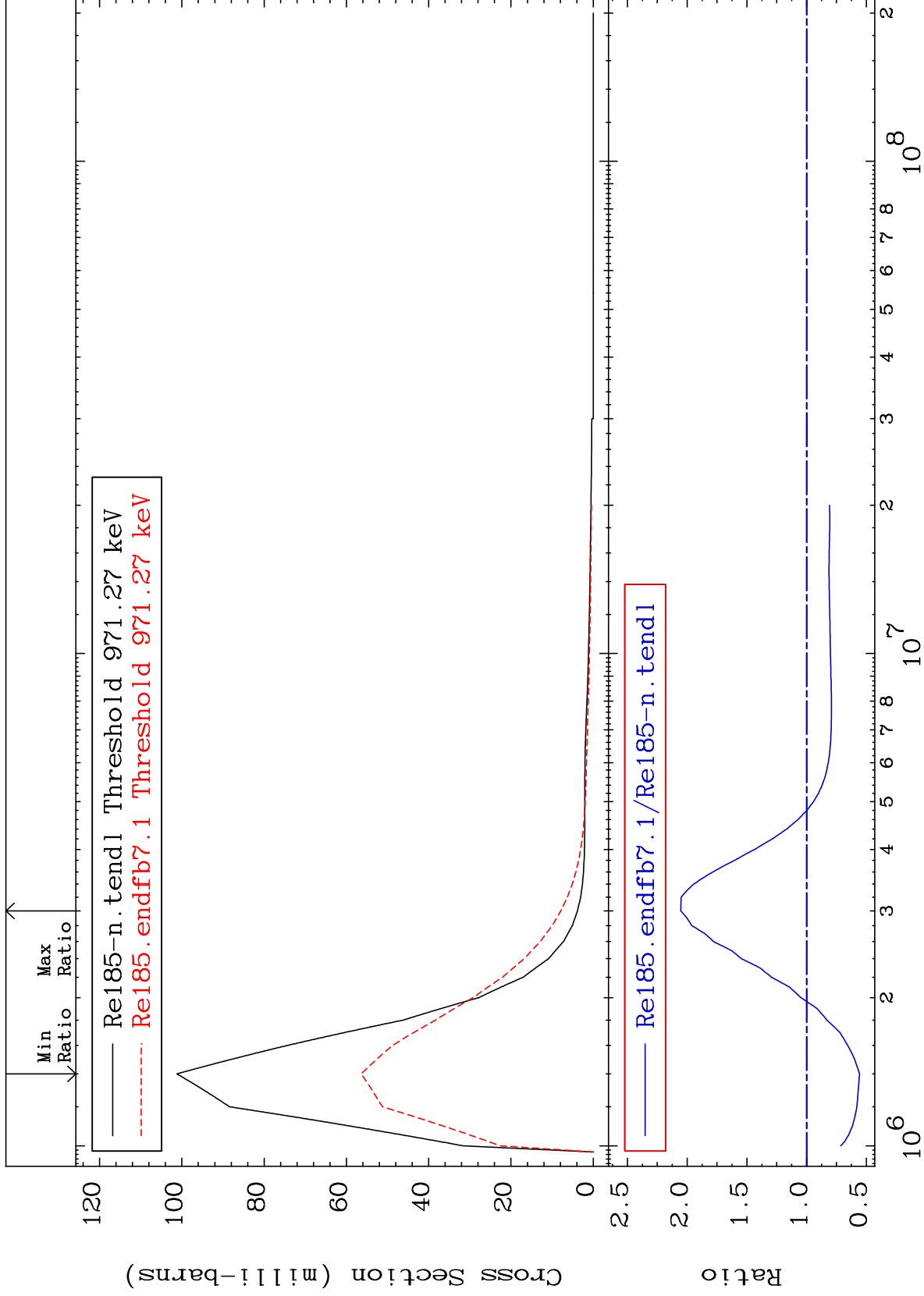
Incident Energy (eV)

75-Re-185

MAT 7525

966.0 keV (n,n') Level
Cross Section

⁷⁵Re-¹⁸⁵Re
-44.27 To 105.3 %



Incident Energy (eV)

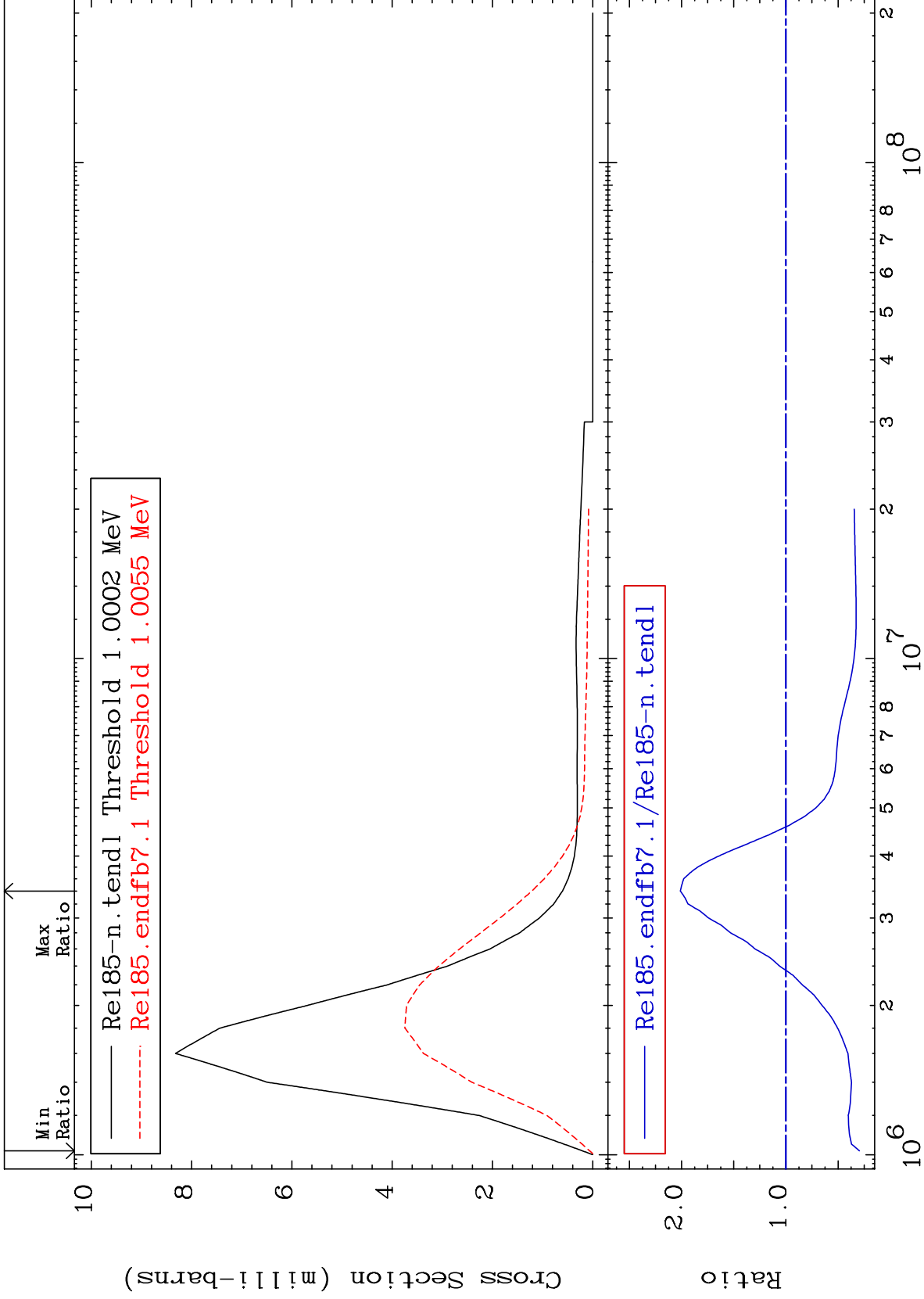
⁷⁵Re-¹⁸⁵Re

25

MAT 7525

994.8 keV (n,n') Level
Cross Section

⁷⁵Re-¹⁸⁵Re
-70.49 To 101.2 %



26

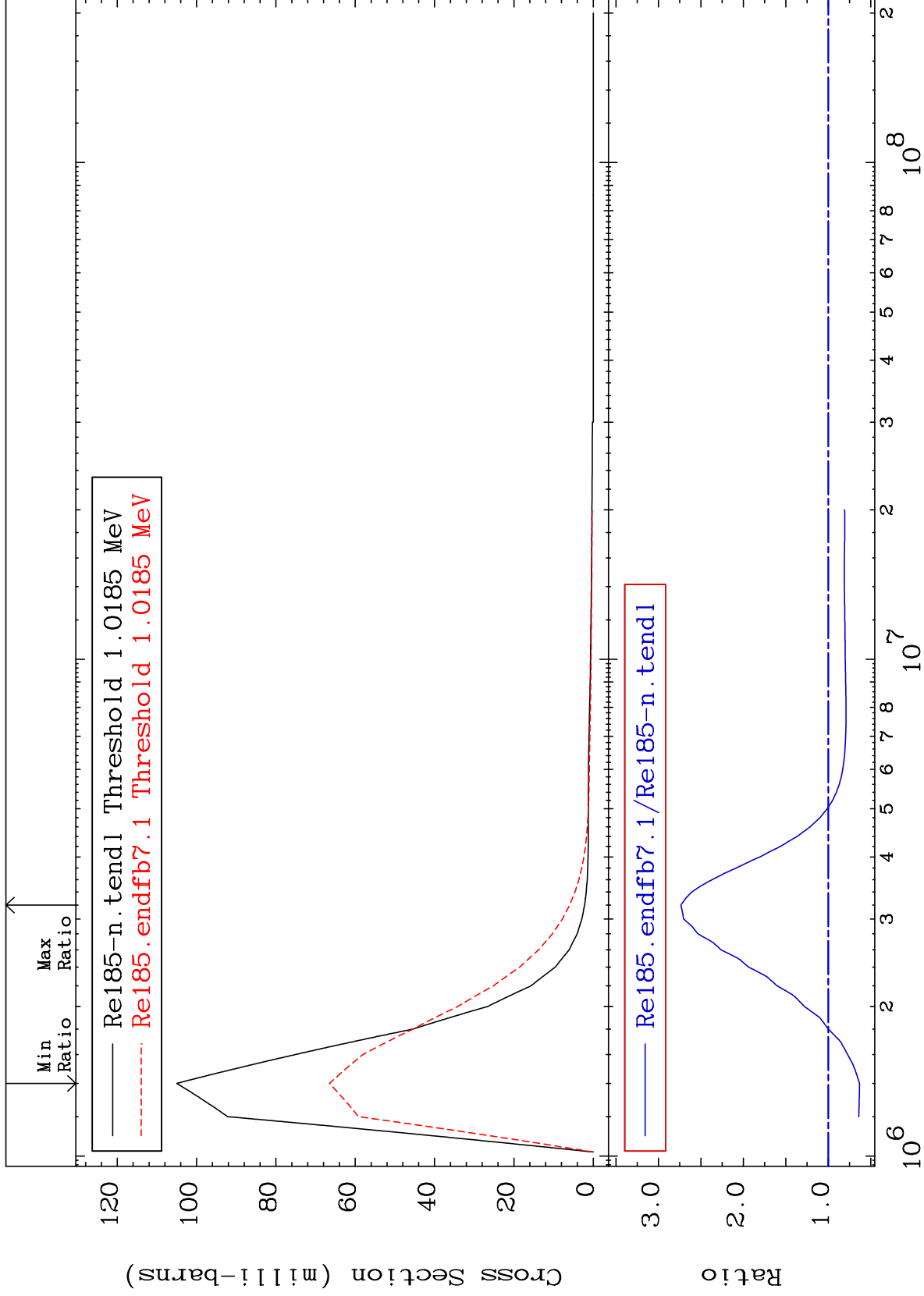
Incident Energy (eV)

⁷⁵Re-¹⁸⁵Re

MAT 7525

1.013 MeV (n,n') Level
Cross Section

⁷⁵Re-¹⁸⁵
-36.67 To 173.7 %



27

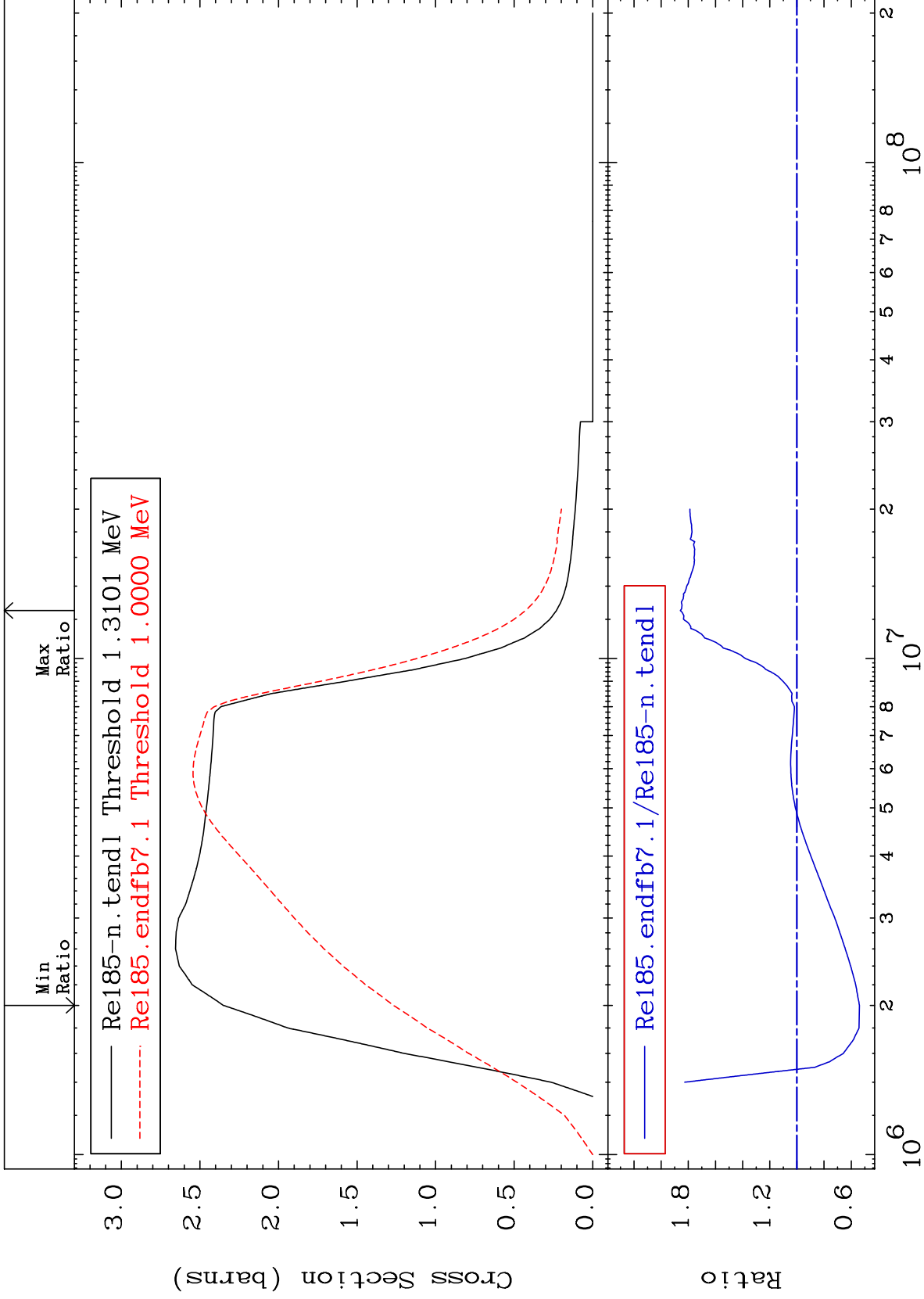
Incident Energy (eV)

⁷⁵Re-¹⁸⁵

MAT 7525

(n, n') Continuum
Cross Section

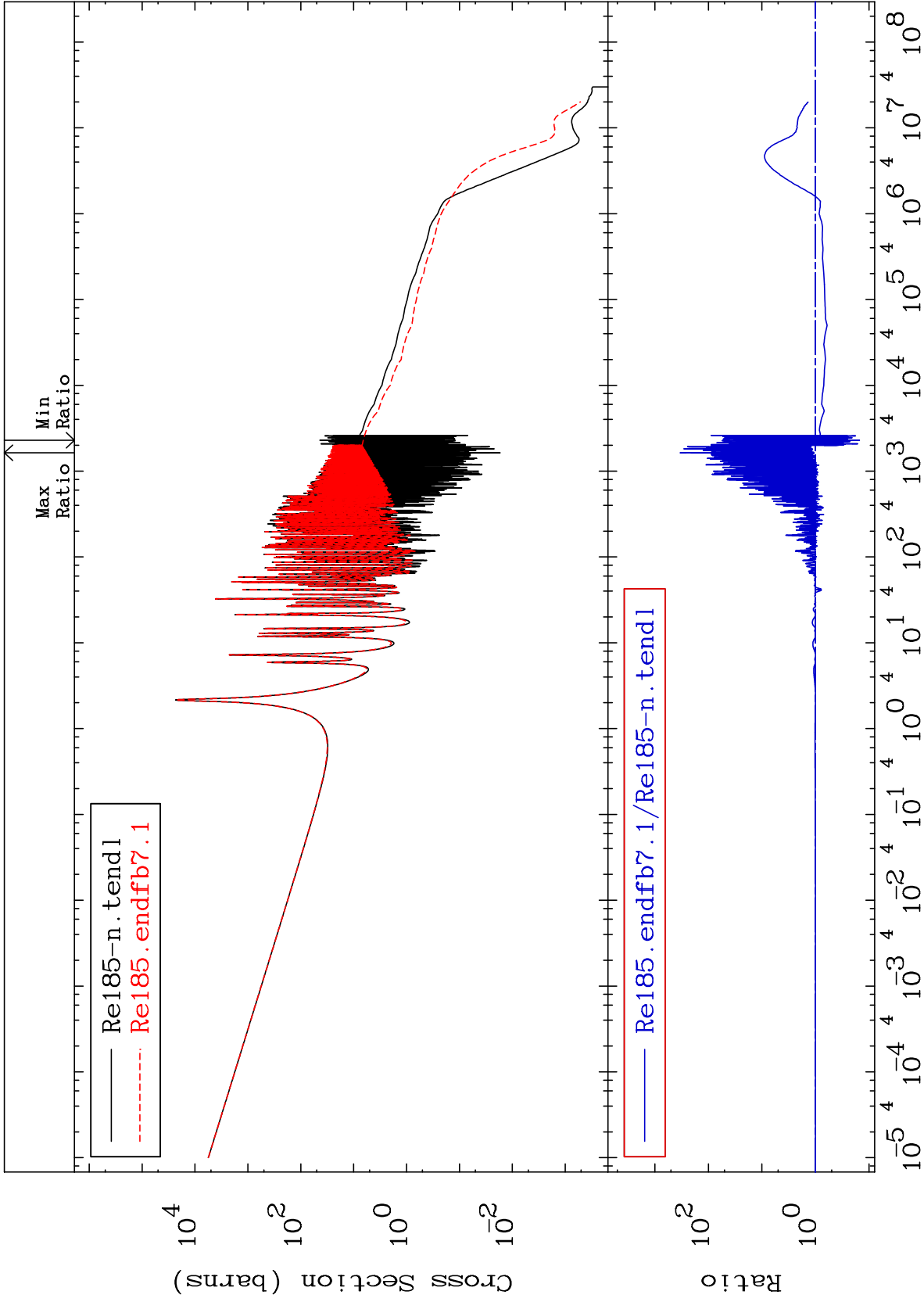
⁷⁵Re-¹⁸⁵Re
-46.05 To 85.85 %



28

Incident Energy (eV)

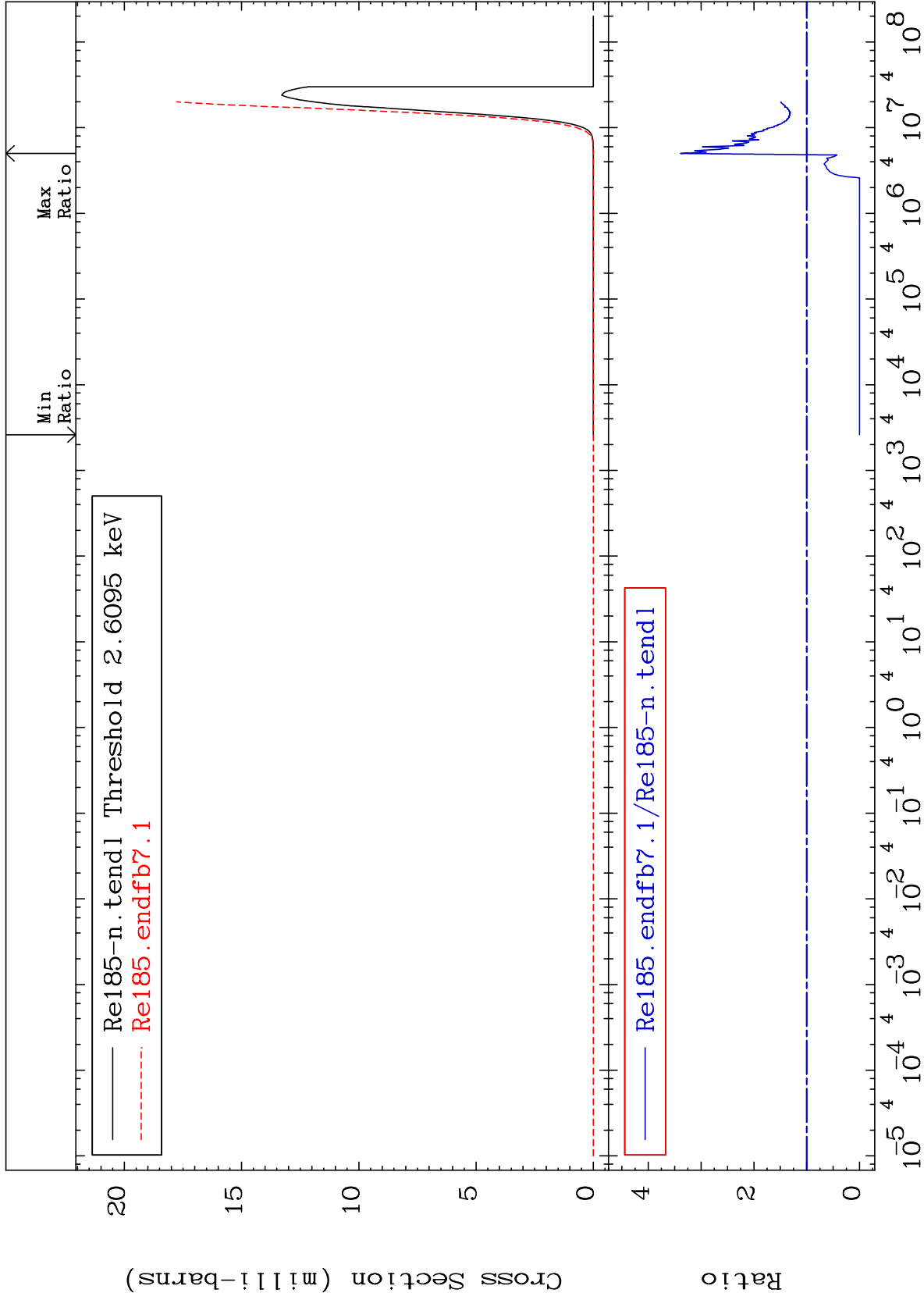
⁷⁵Re-¹⁸⁵Re



MAT 7525

(n, p)
Cross Section

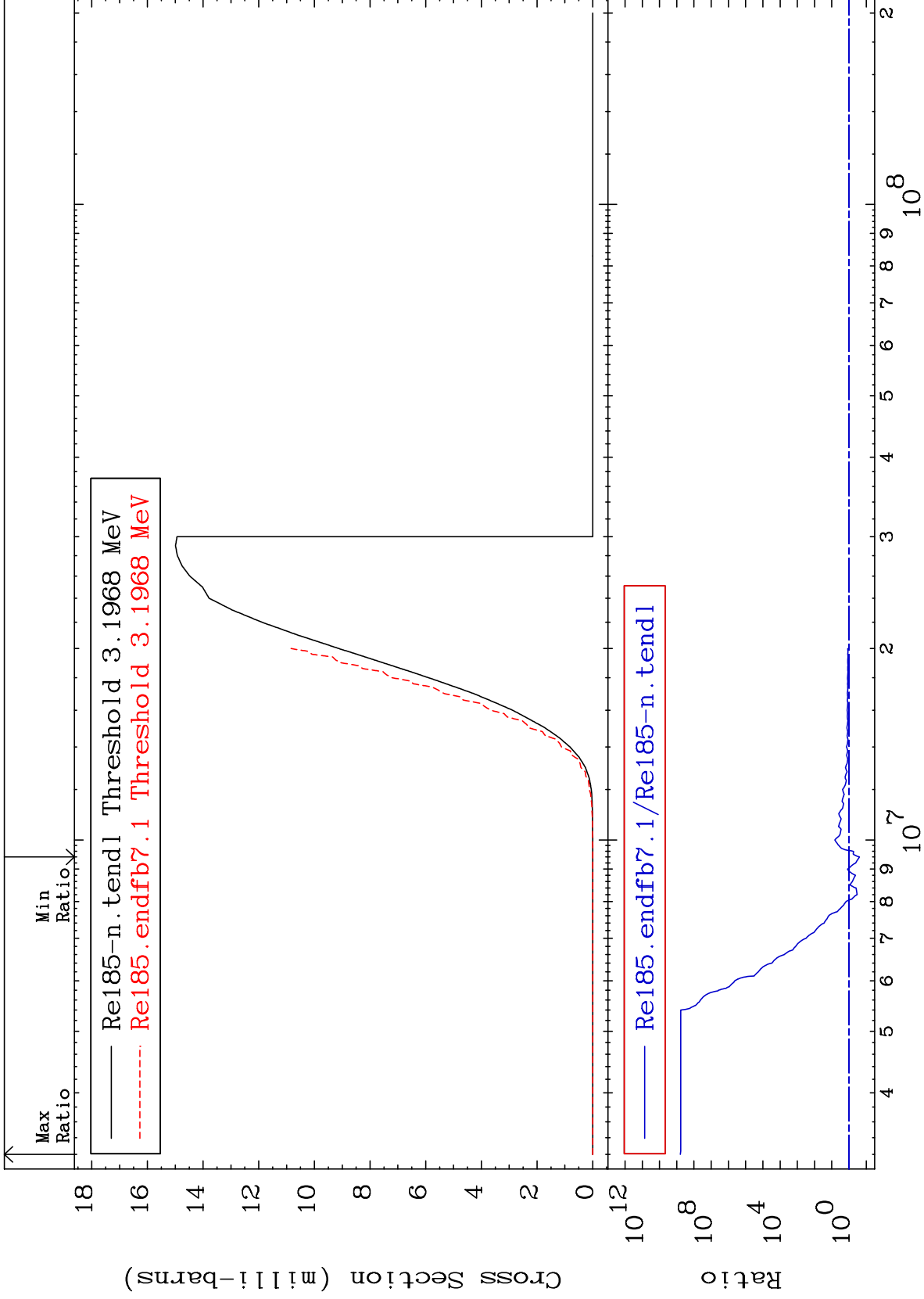
⁷⁵Re-¹⁸⁵Re
-100.0 To 238.4 %



MAT 7525

(n, d)
Cross Section

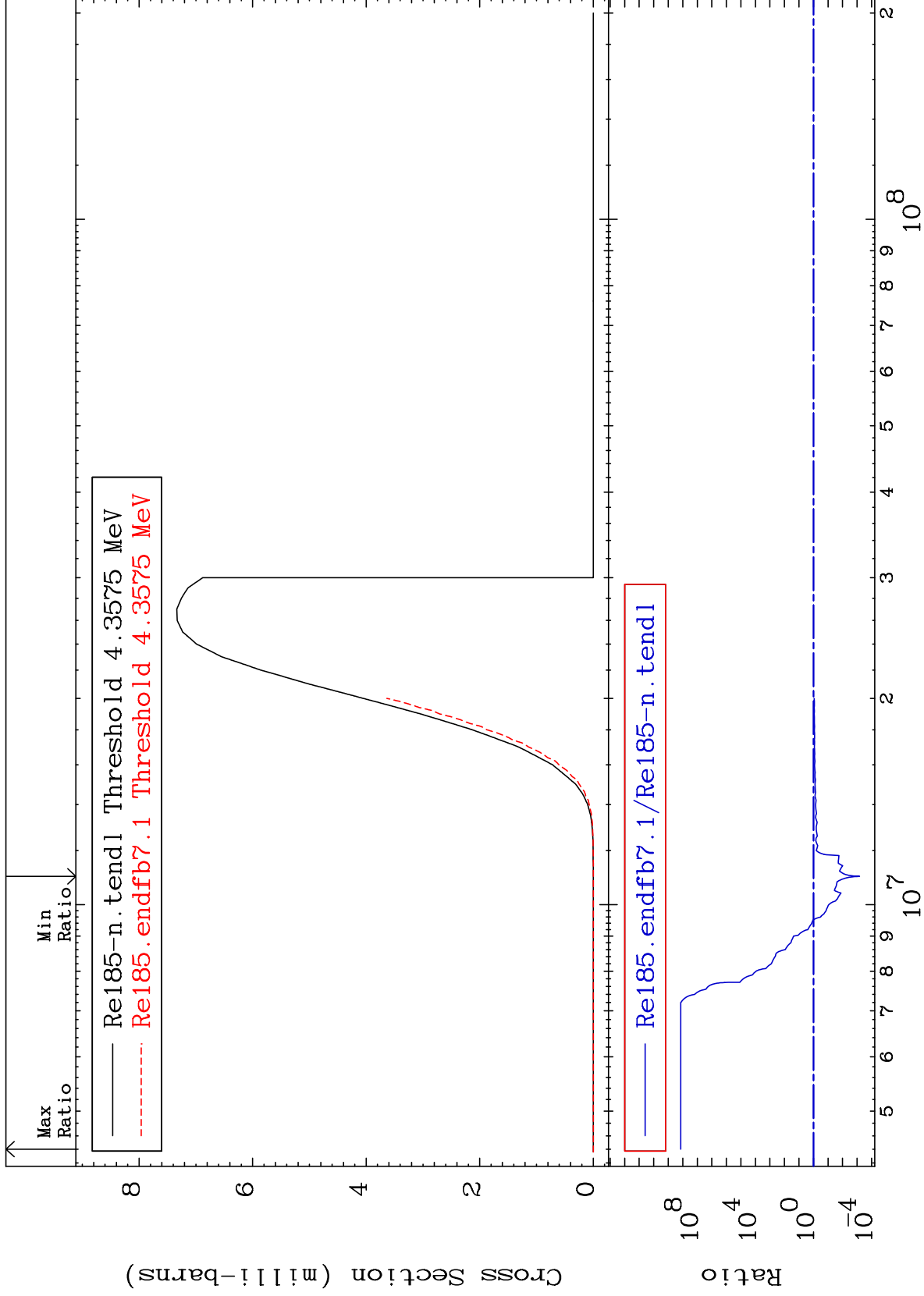
⁷⁵Re-¹⁸⁵Re
-75.12 To 9999. %



MAT 7525

(n, t)
Cross Section

⁷⁵Re-¹⁸⁵Re
-99.93 To 9999. %

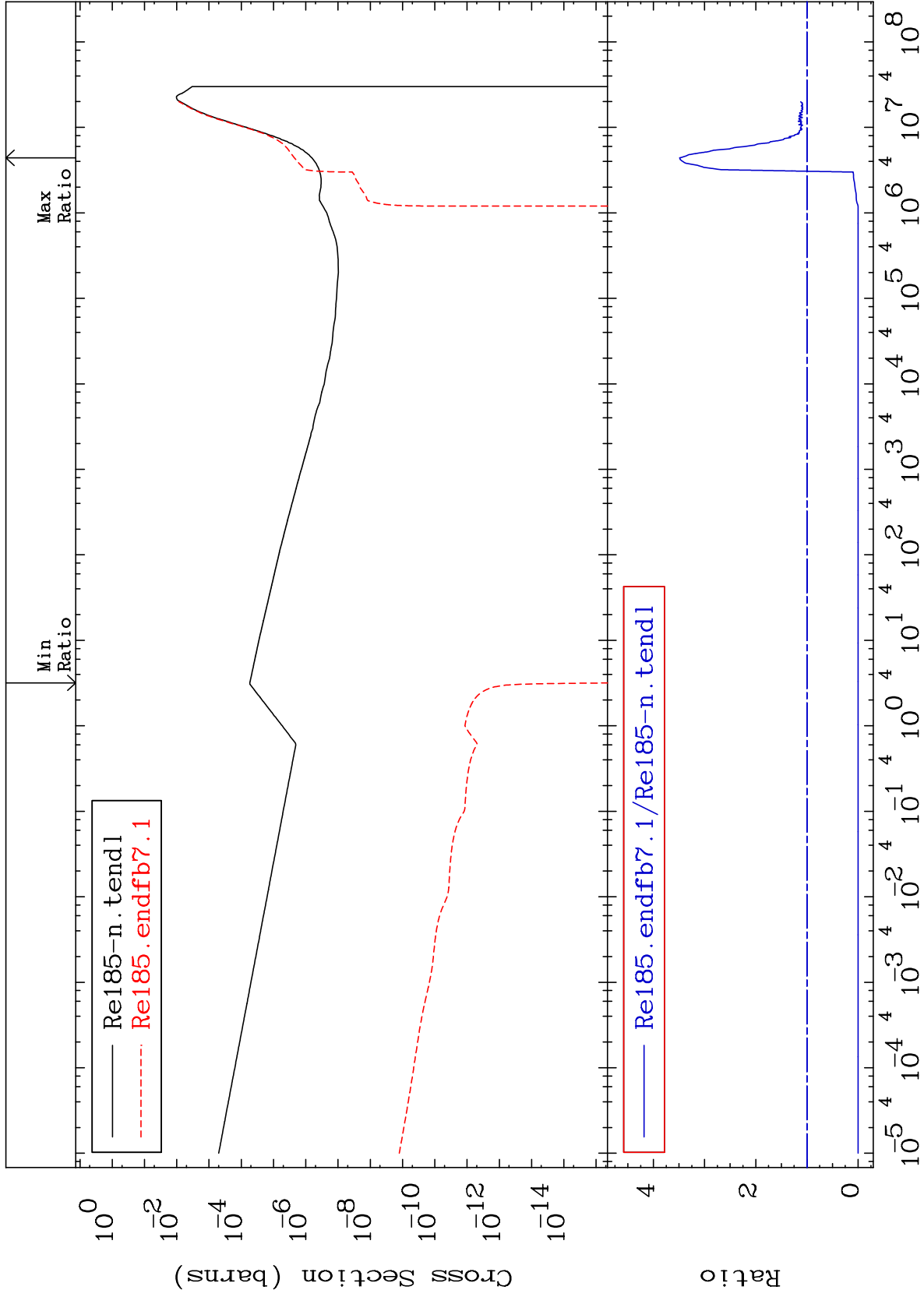


MAT 7525

75-Re-185

(n, α)
Cross Section

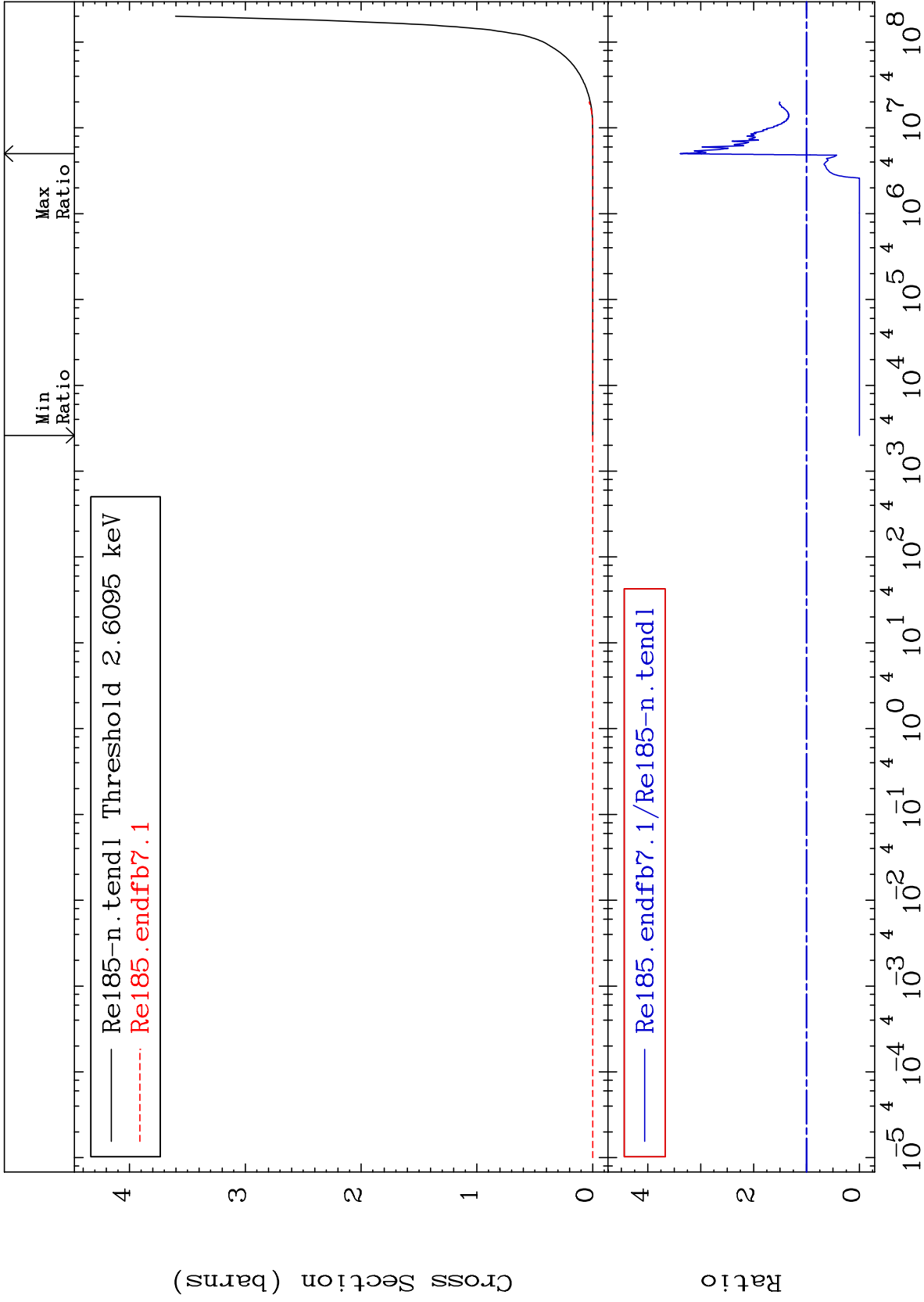
-100.0 To 248.8 %

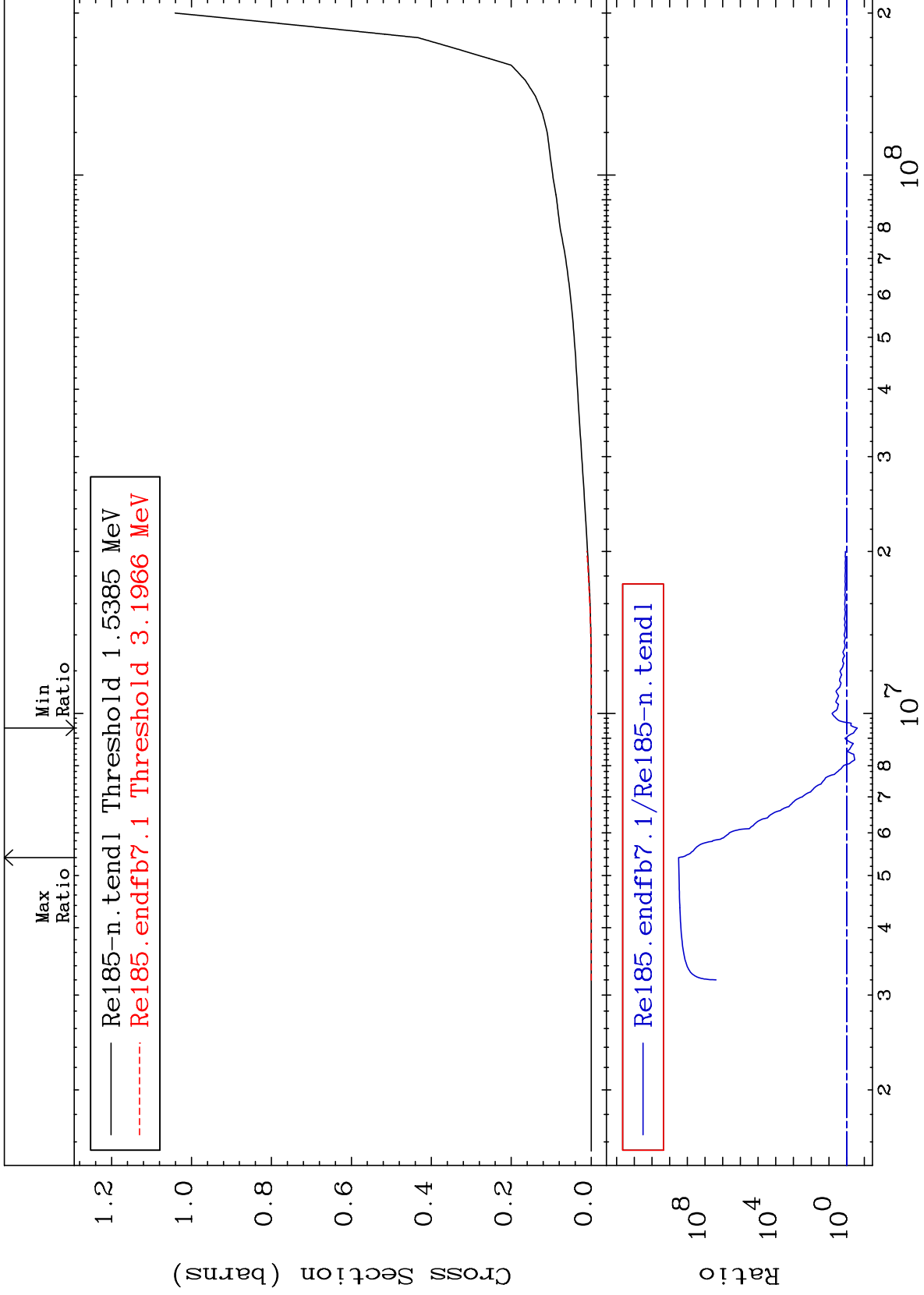


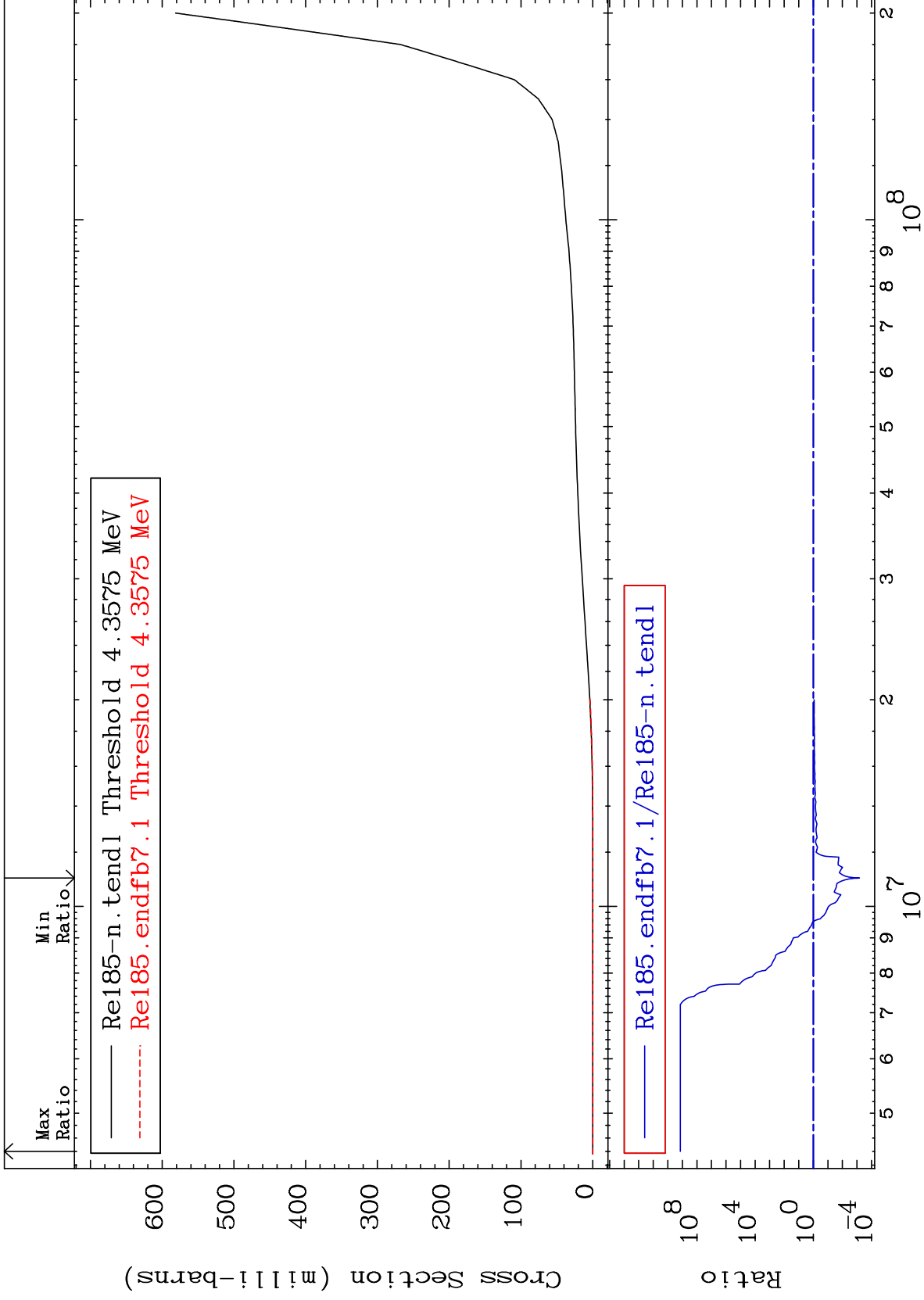
MAT 7525

Hydrogen Production Cross Section

⁷⁵Re-¹⁸⁵Re
-100.0 To 238.4 %



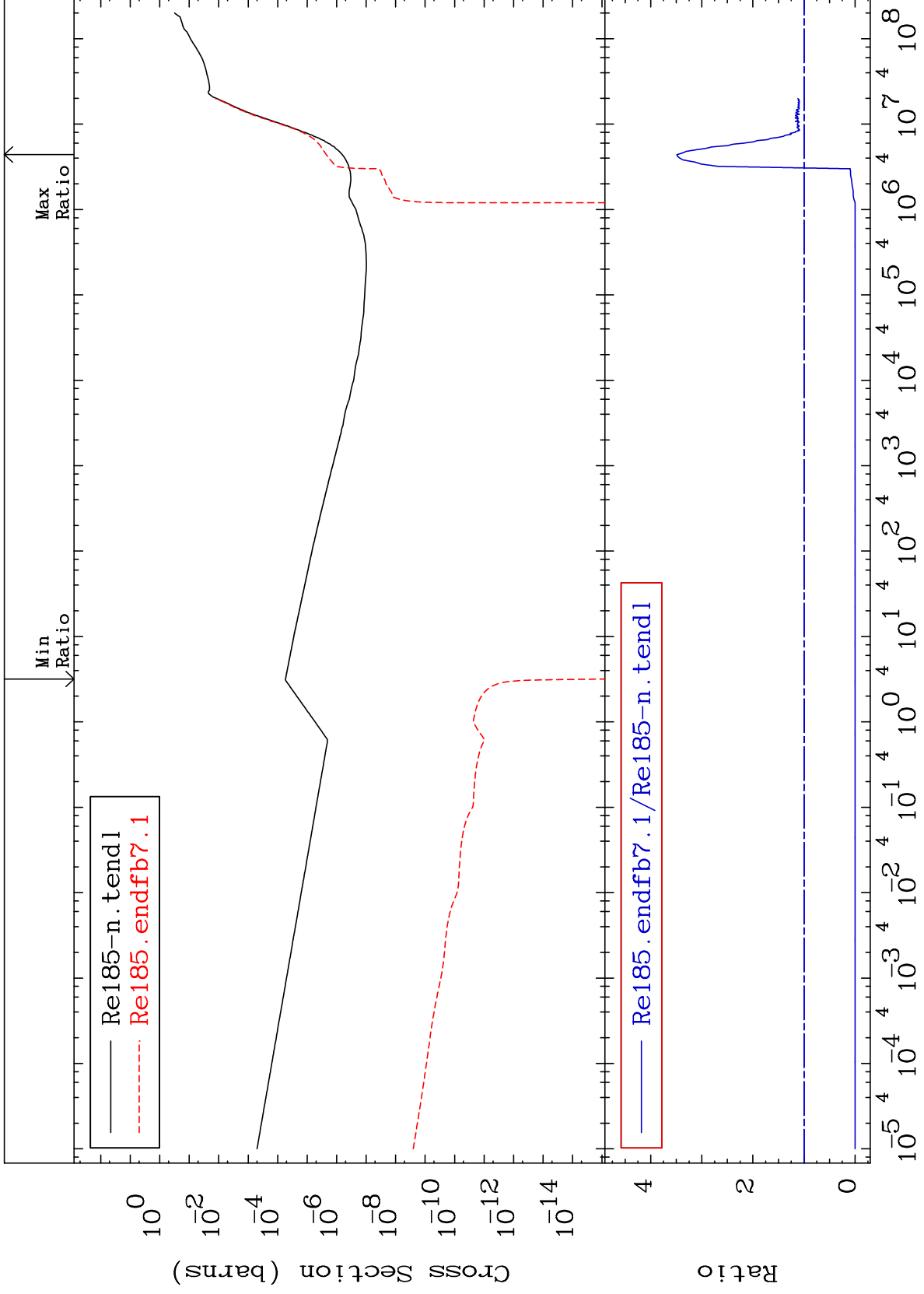




MAT 7525

He-4 Production
Cross Section

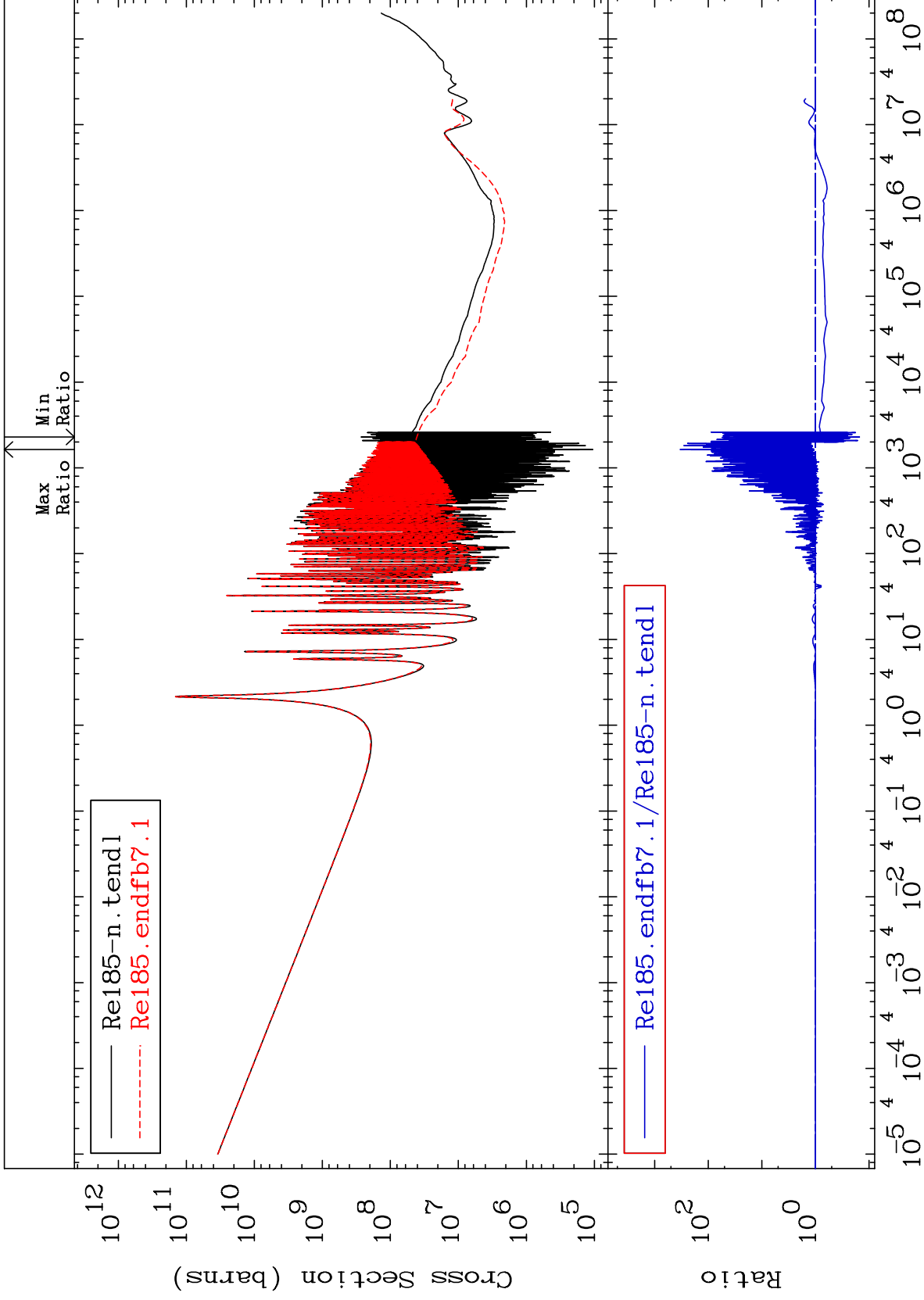
75-Re-185
-100.0 To 248.7 %

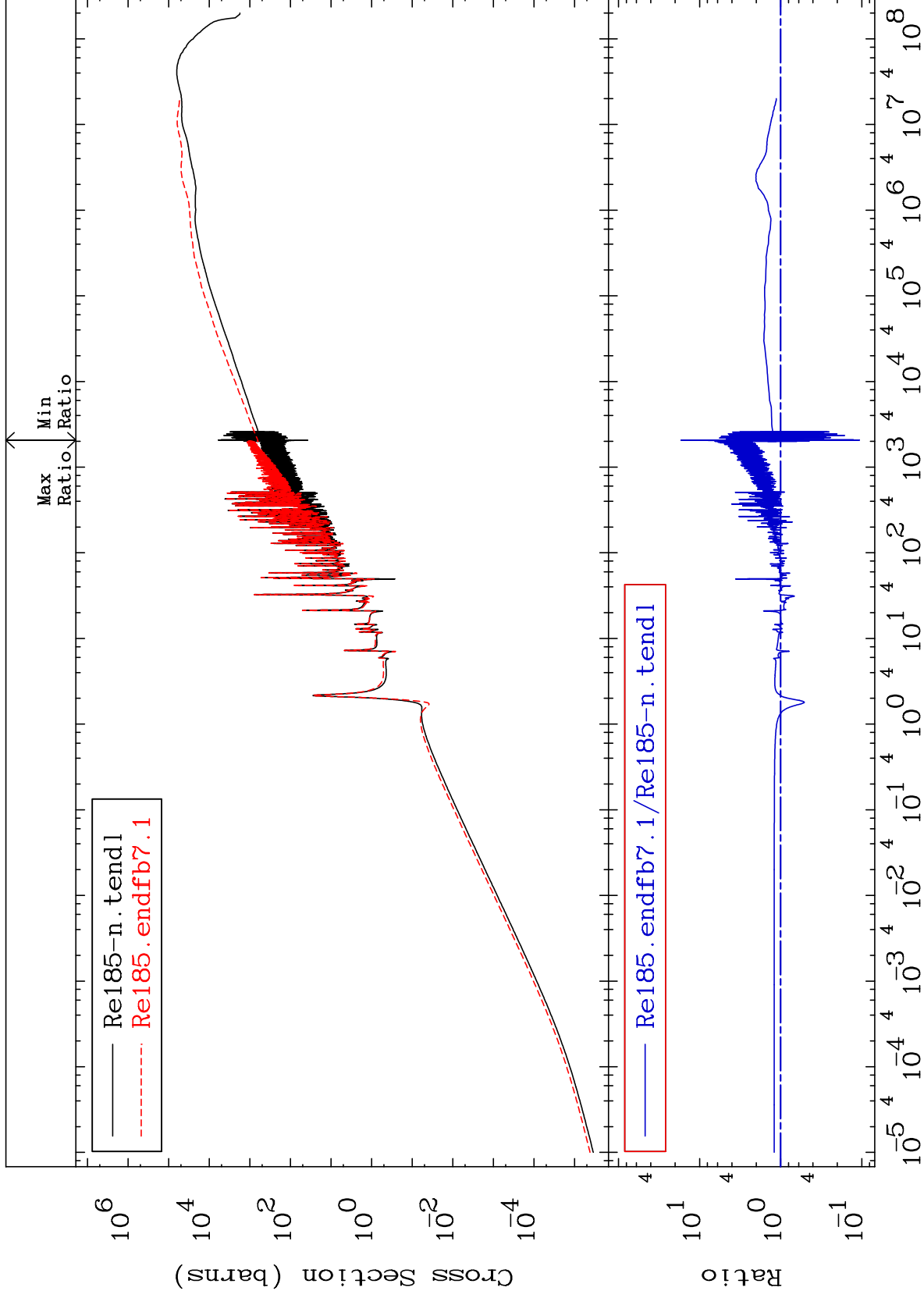


37

Incident Energy (eV)

75-Re-185

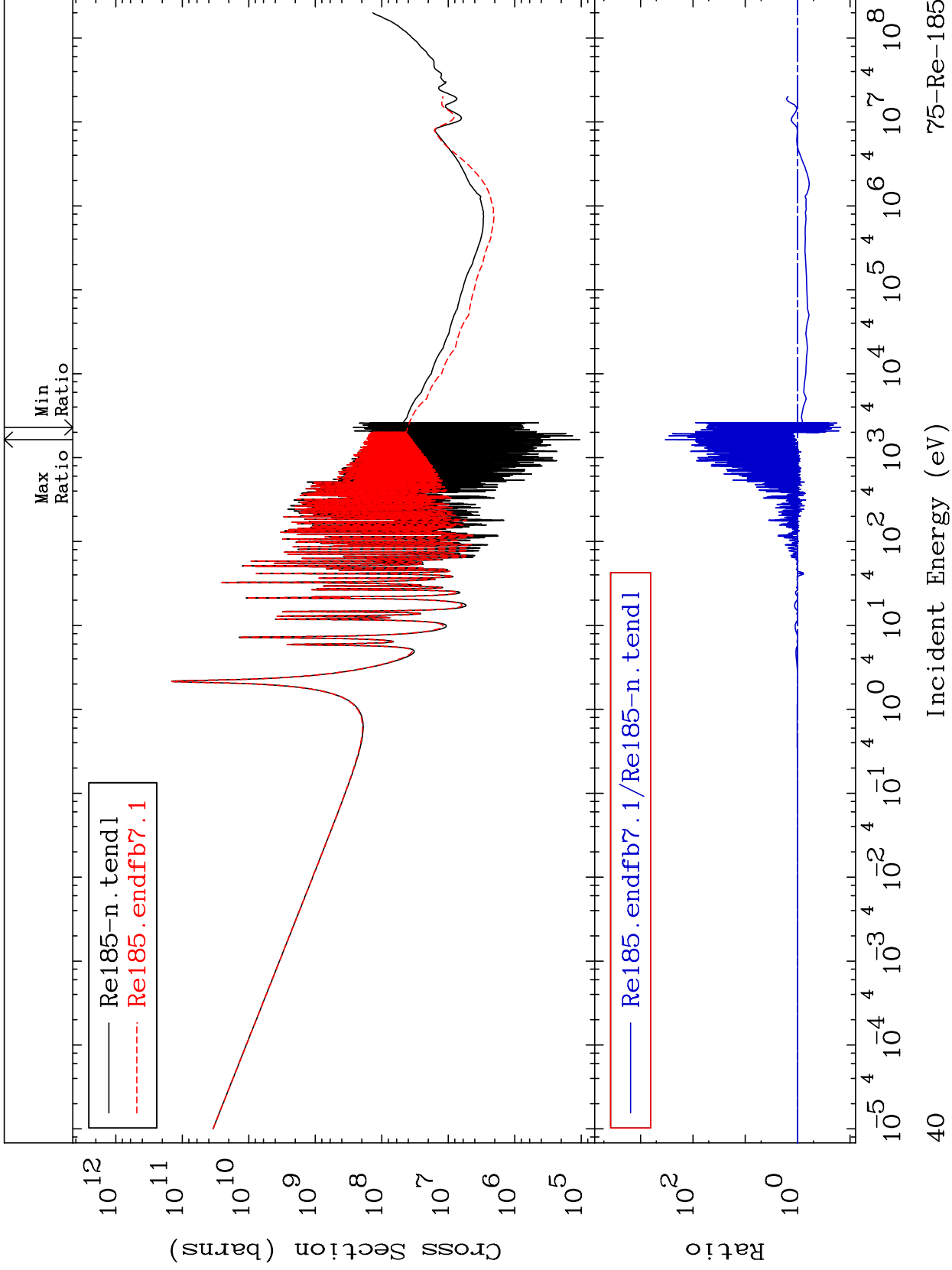


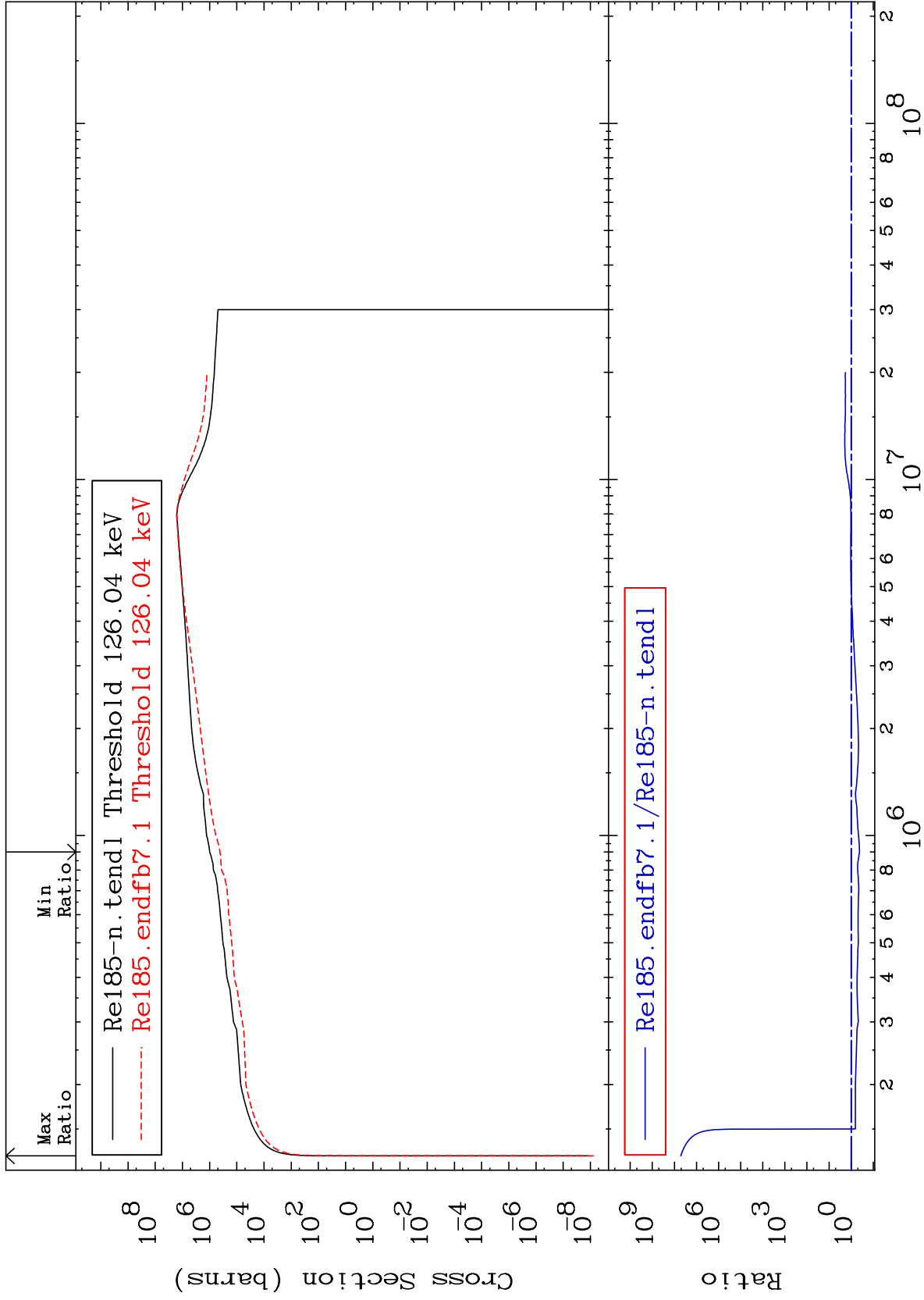


MAT 7525

Kerma non-elastic (all but mt2)
Cross Section

75-Re-185
-84.85 To 9999. %

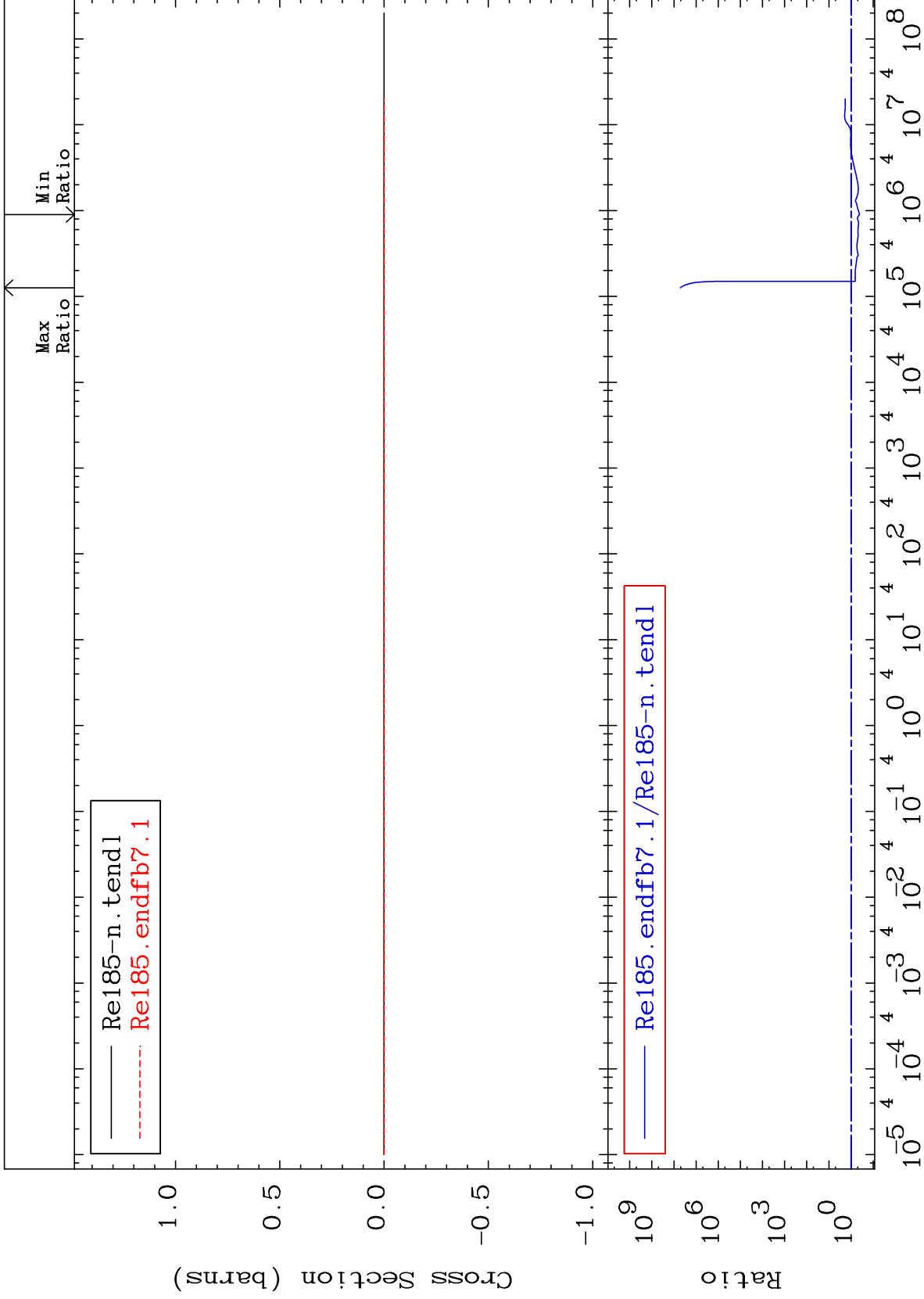




MAT 7525

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

75-Re-185
-58.32 To 9999. %



Incident Energy (eV)

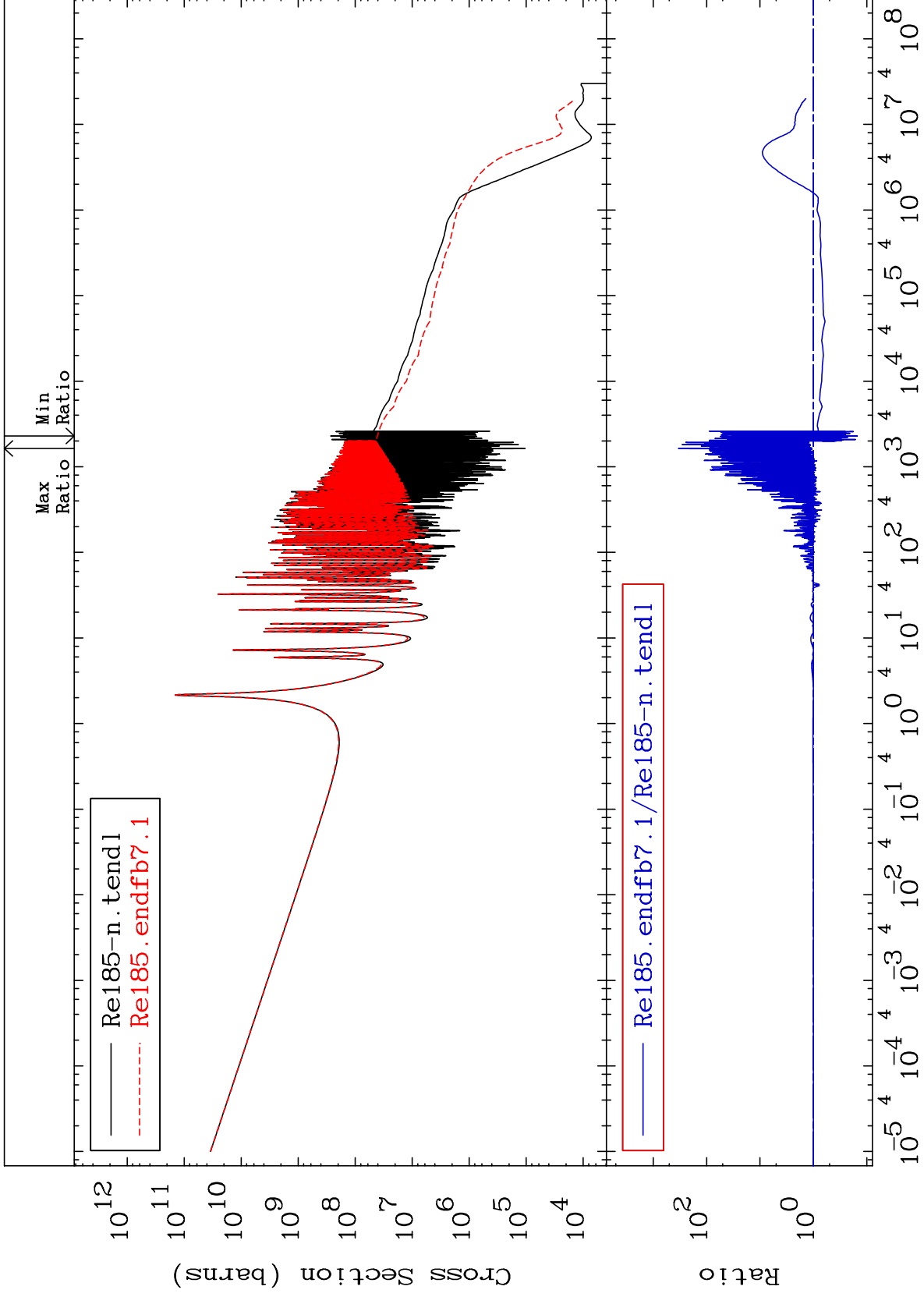
75-Re-185

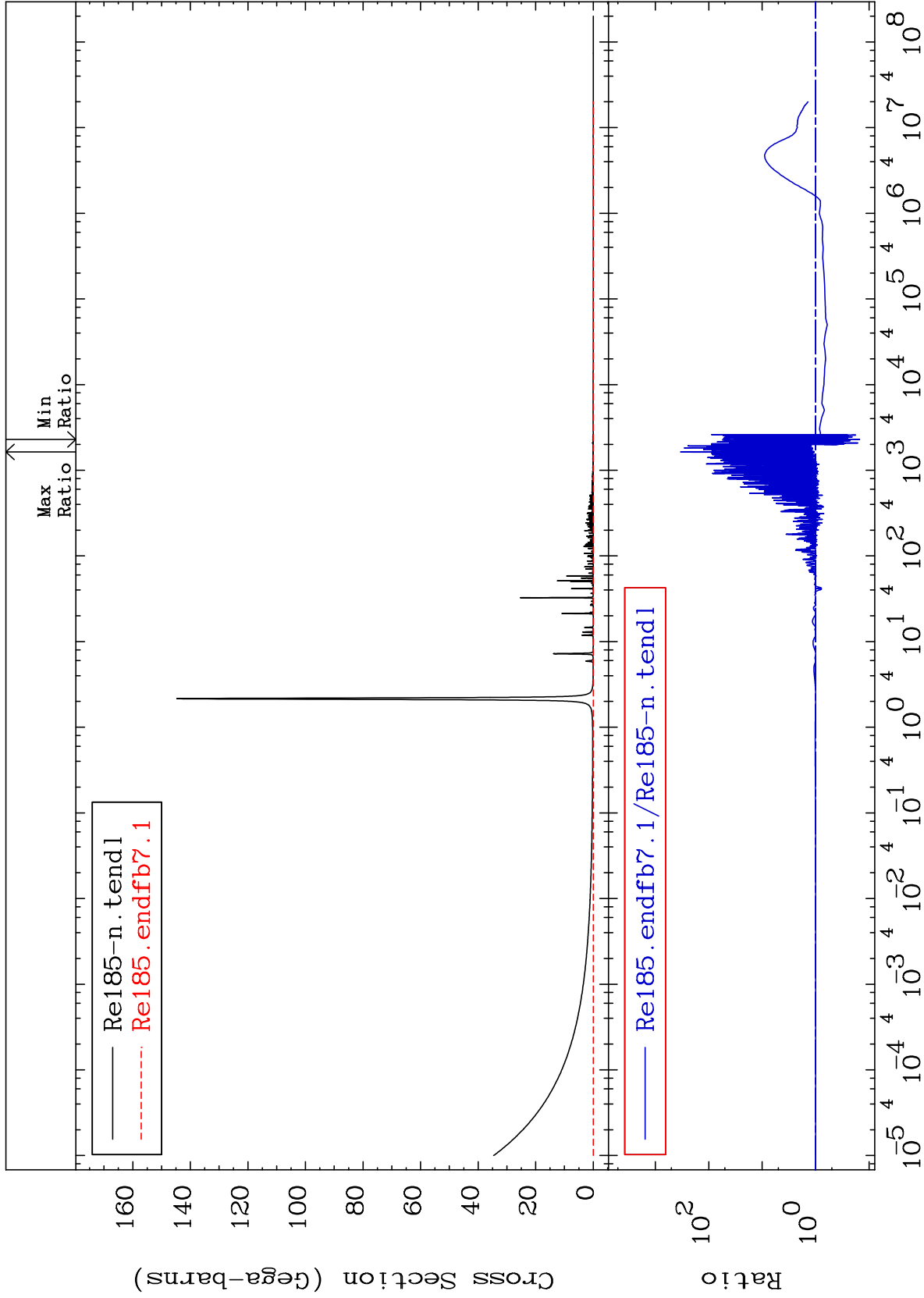
42

MAT 7525

Kerma capture (mt102)
Cross Section

75-Re-185
-84.85 To 9999. %



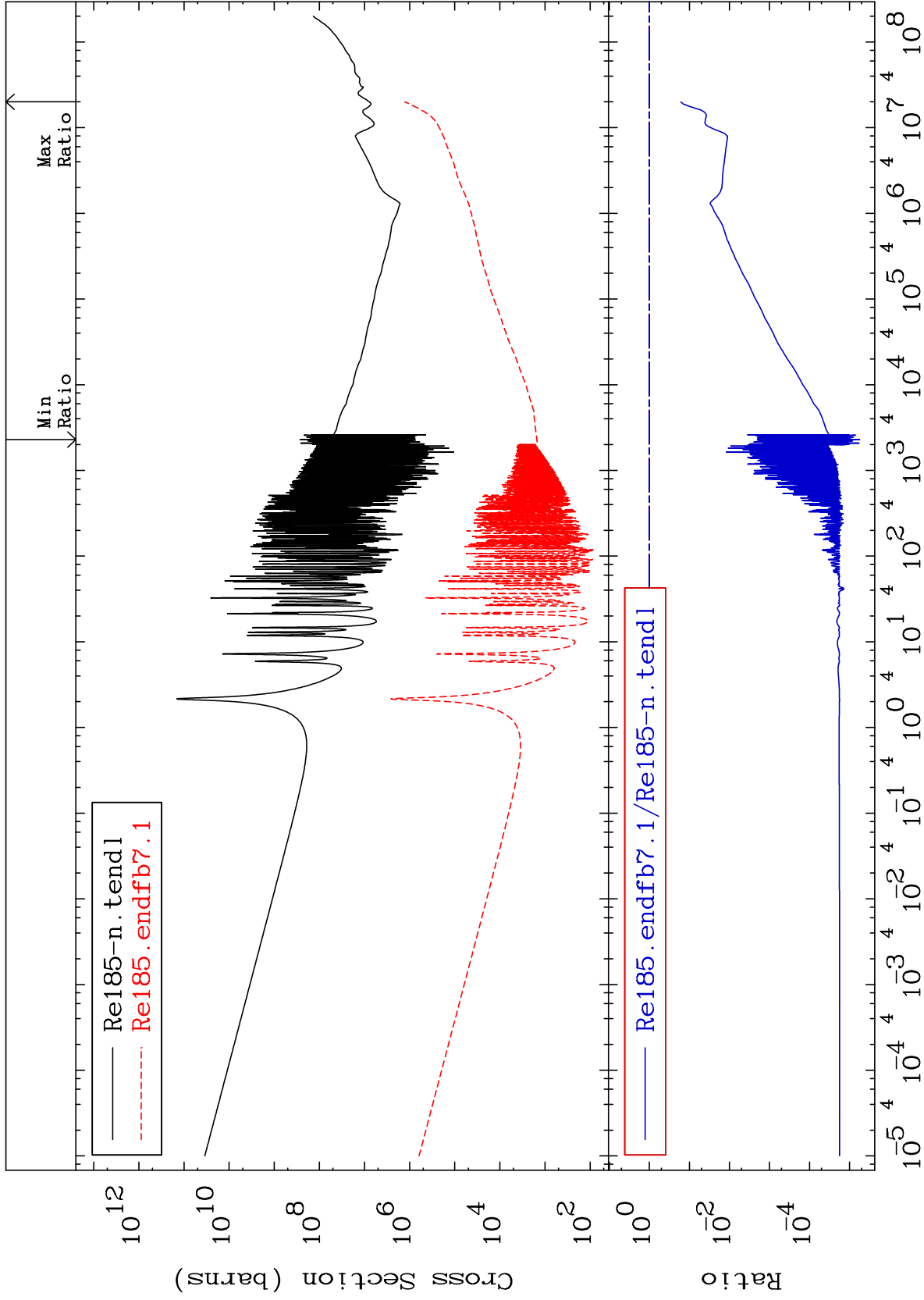


MAT 7525

Total kinematic kerma (high limit)
Cross Section

75-Re-185

-100.0 To -83.56%



45

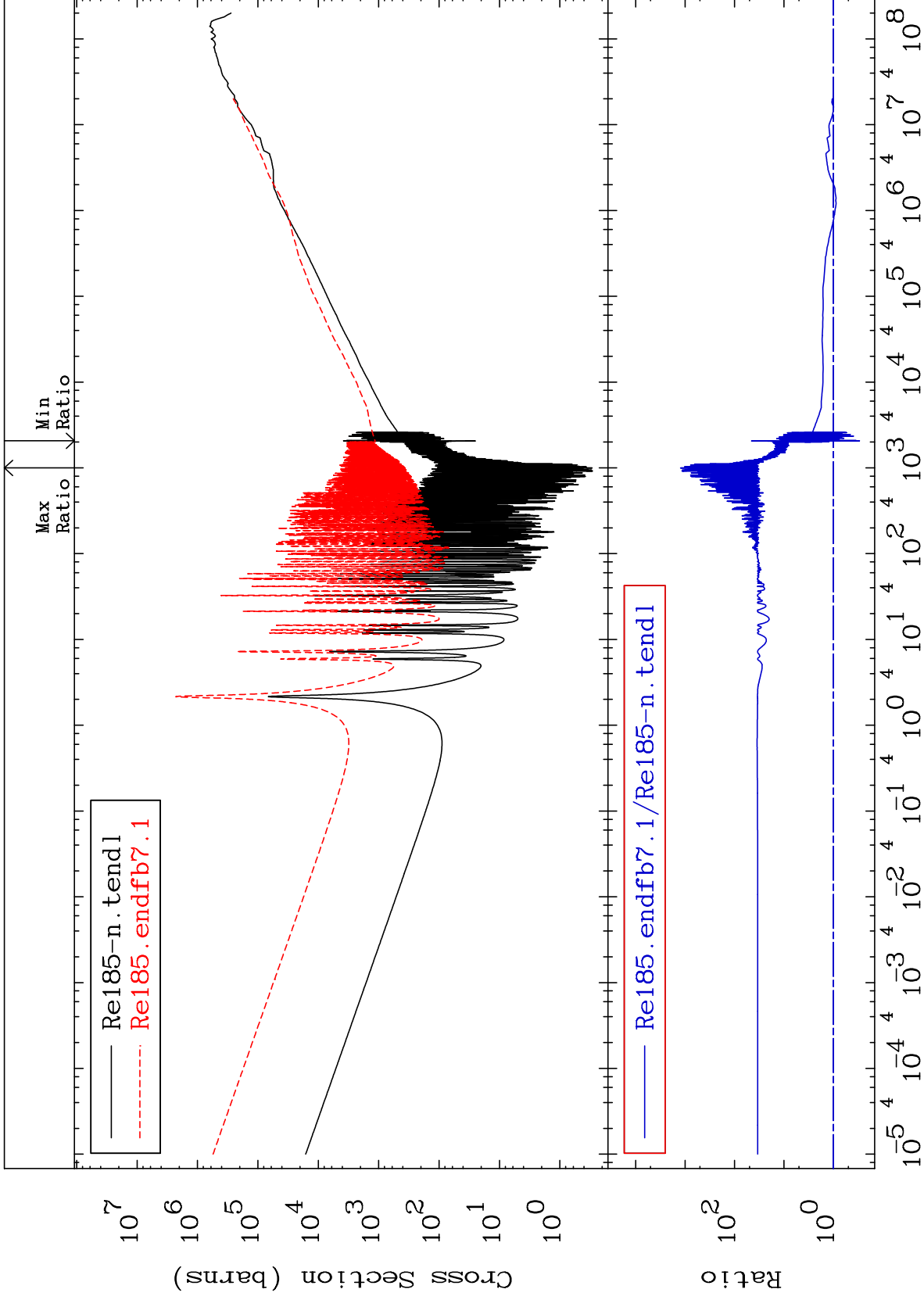
Incident Energy (eV)

75-Re-185

MAT 7525

Dpa total (eV-barns)
Cross Section

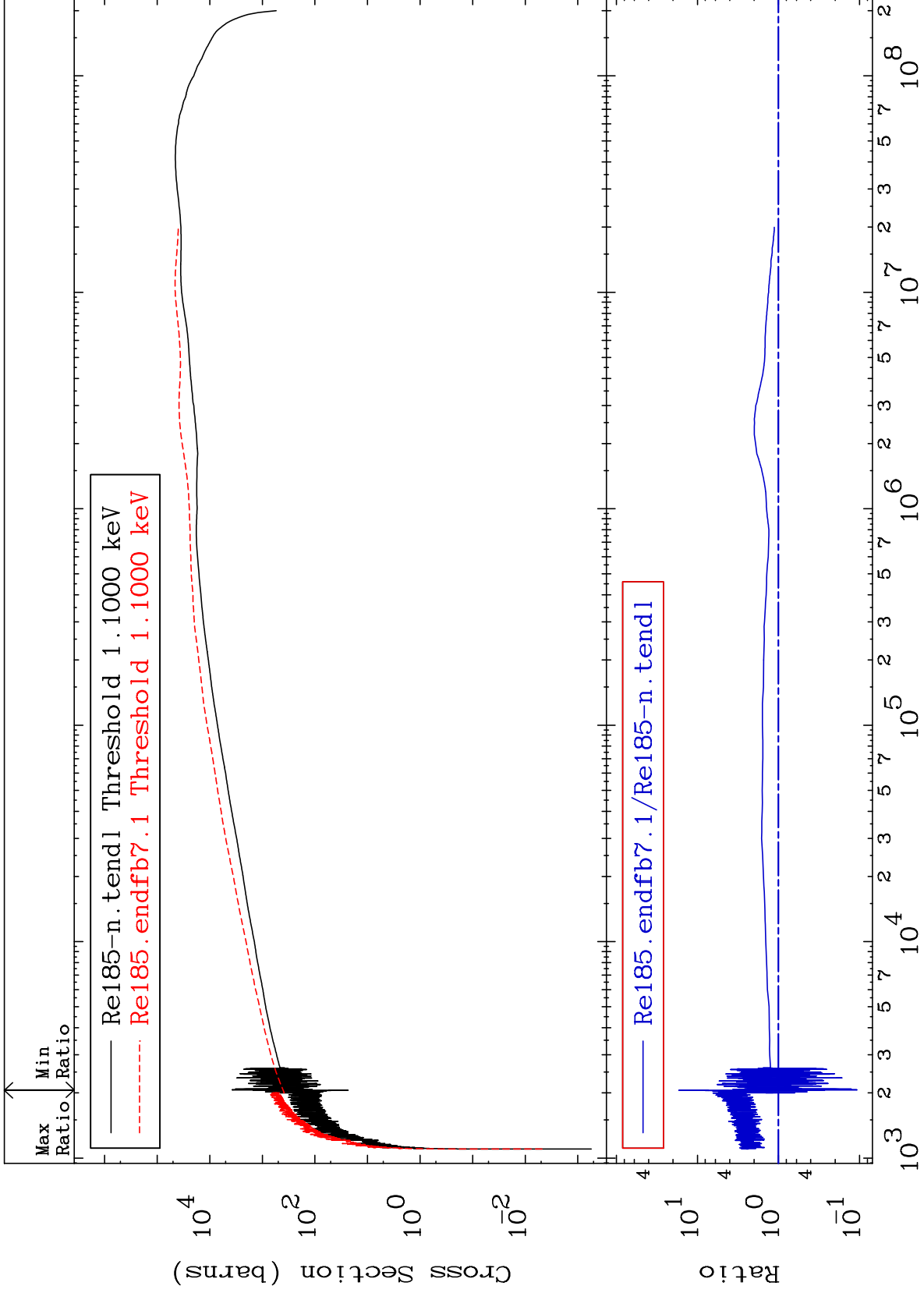
75-Re-185
-70.22 To 9999. %



MAT 7525

Dpa elastic (mt2)
Cross Section

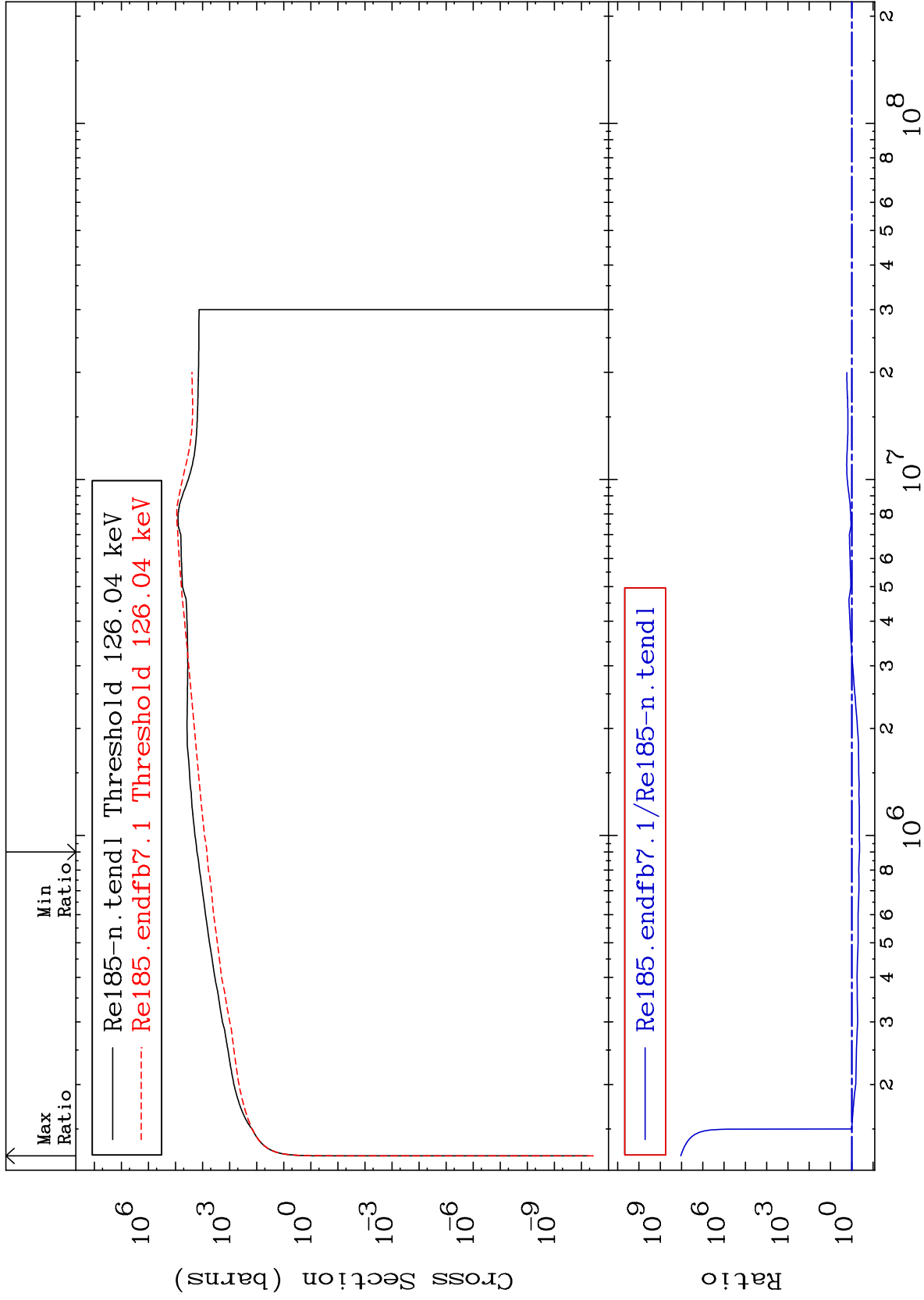
75-Re-185
-89.34 To 1607. %



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Incident Energy (eV)

75-Re-185



MAT 7525

Dpa disappearance (mt102 -120)
Cross Section

75-Re-185
58.09 To 9999. %

