

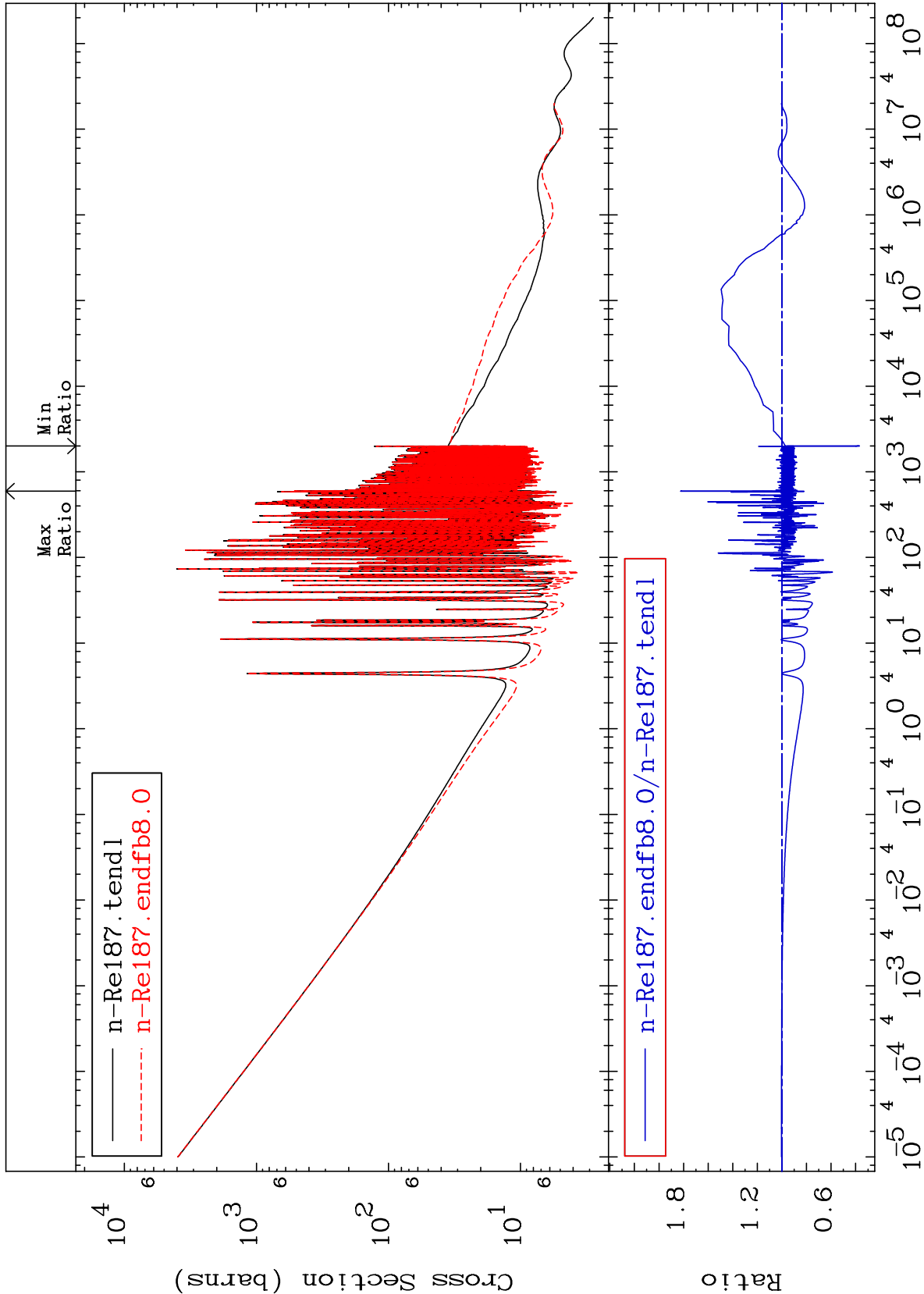
MAT 7531

Total

⁷⁵Re-¹⁸⁷

Cross Section

-63.14 To 82.27 %



Incident Energy (eV)

⁷⁵Re-¹⁸⁷

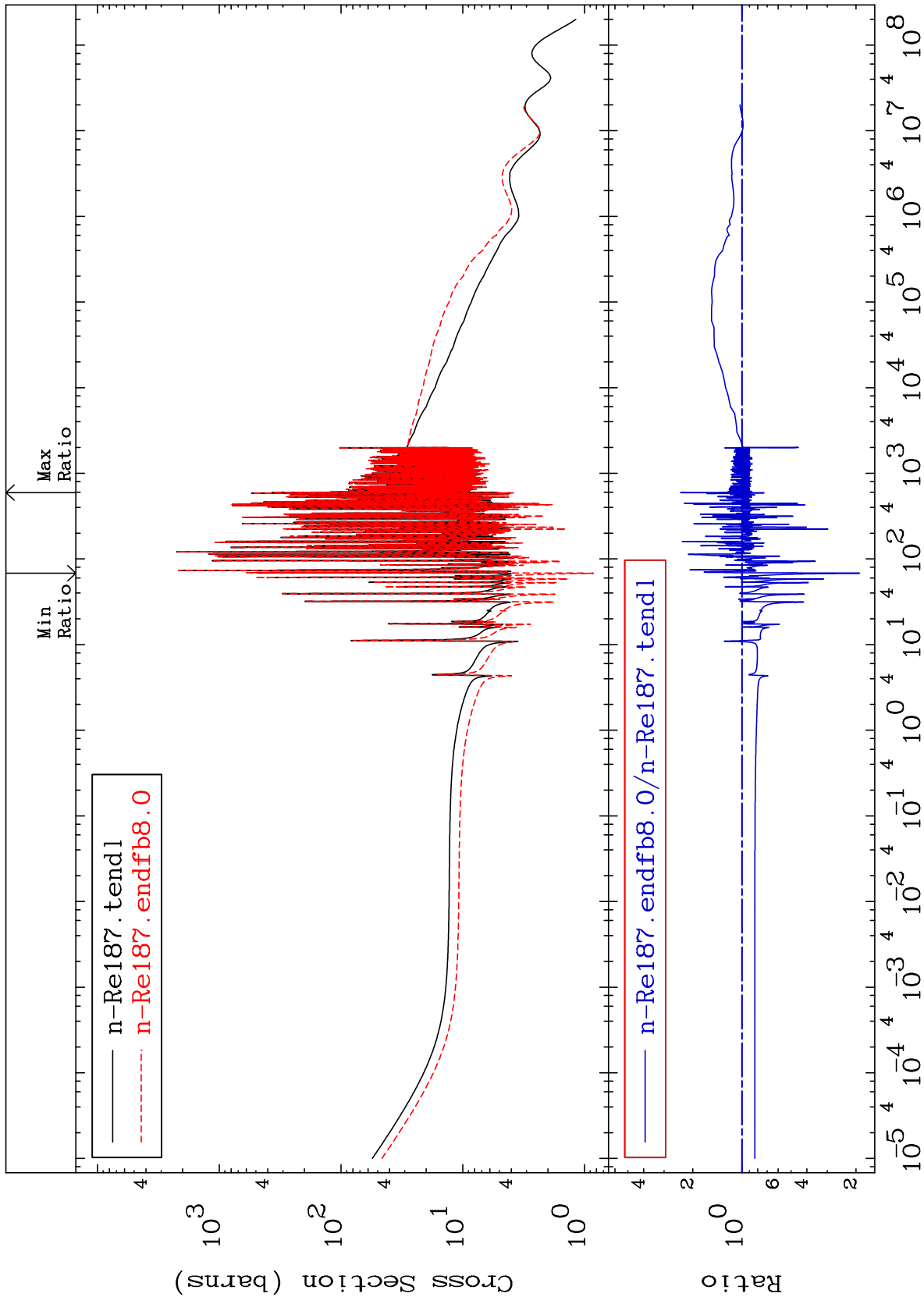
MAT 7531

Elastic

⁷⁵Re-¹⁸⁷

Cross Section

-80.99 To 137.0 %



Incident Energy (eV)

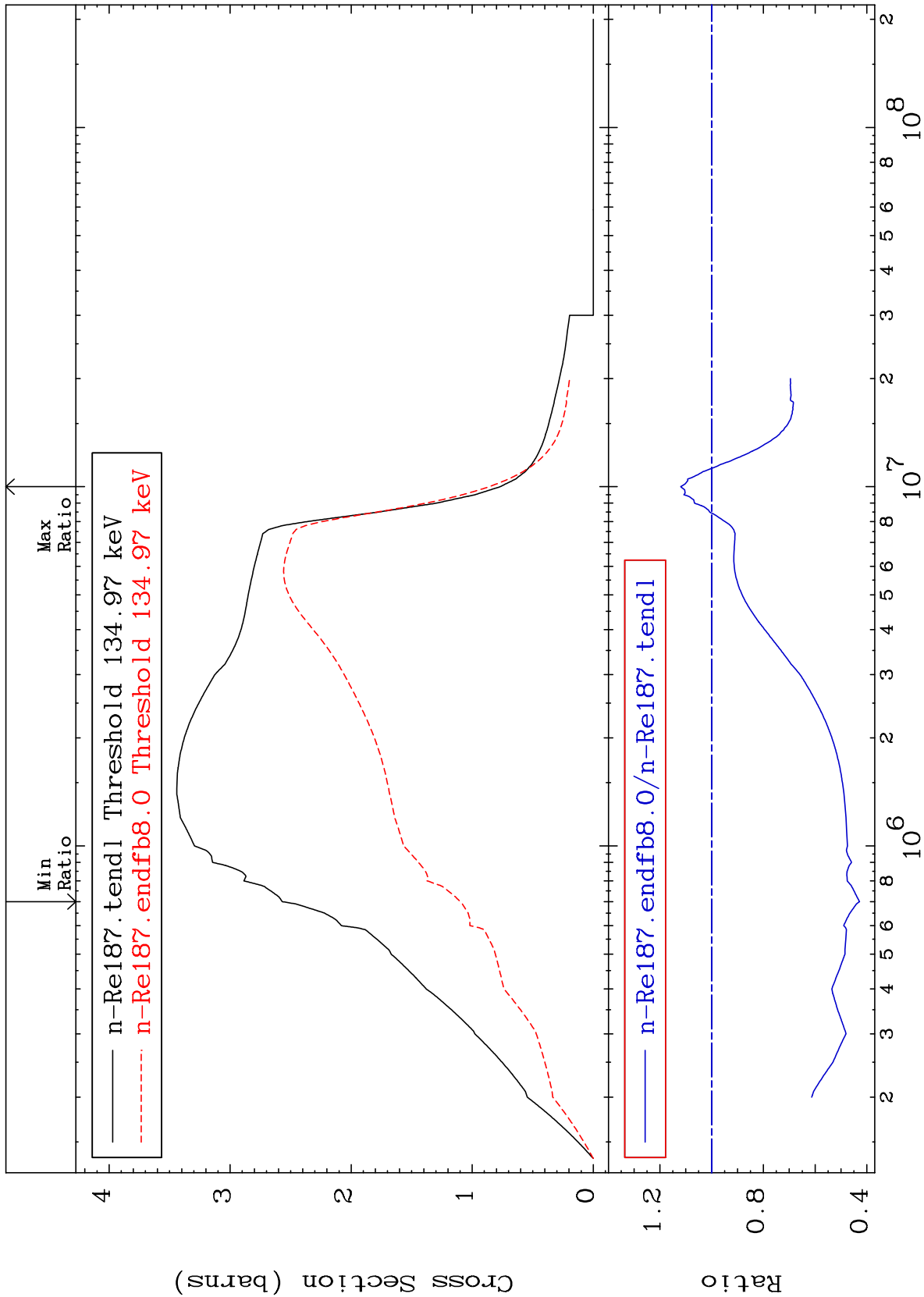
⁷⁵Re-¹⁸⁷

MAT 7531

⁷⁵Re-¹⁸⁷

Inelastic
Cross Section

-57.16 To 11.94 %



3

Incident Energy (eV)

⁷⁵Re-¹⁸⁷

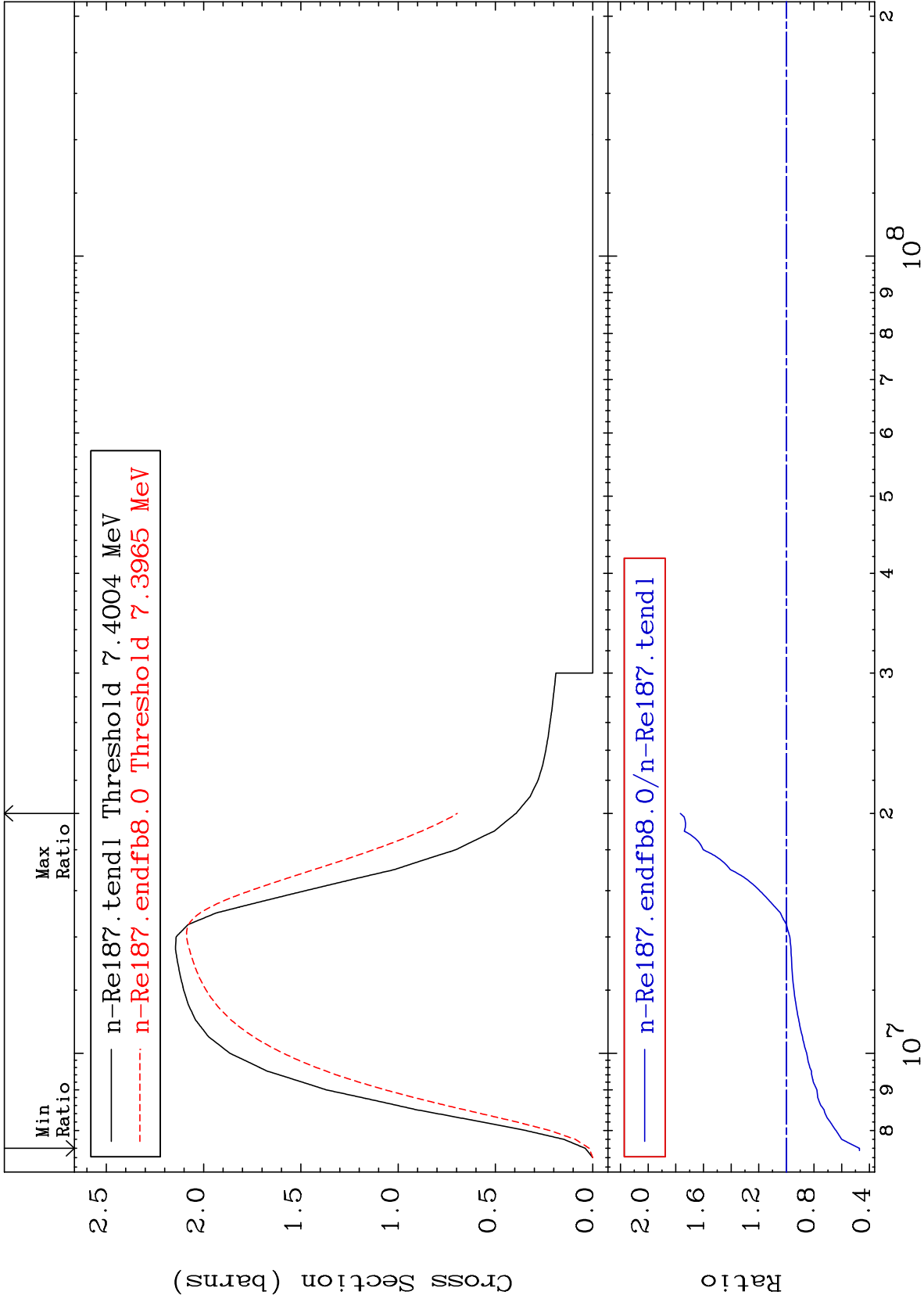
MAT 7531

(n,2n)

⁷⁵Re-¹⁸⁷

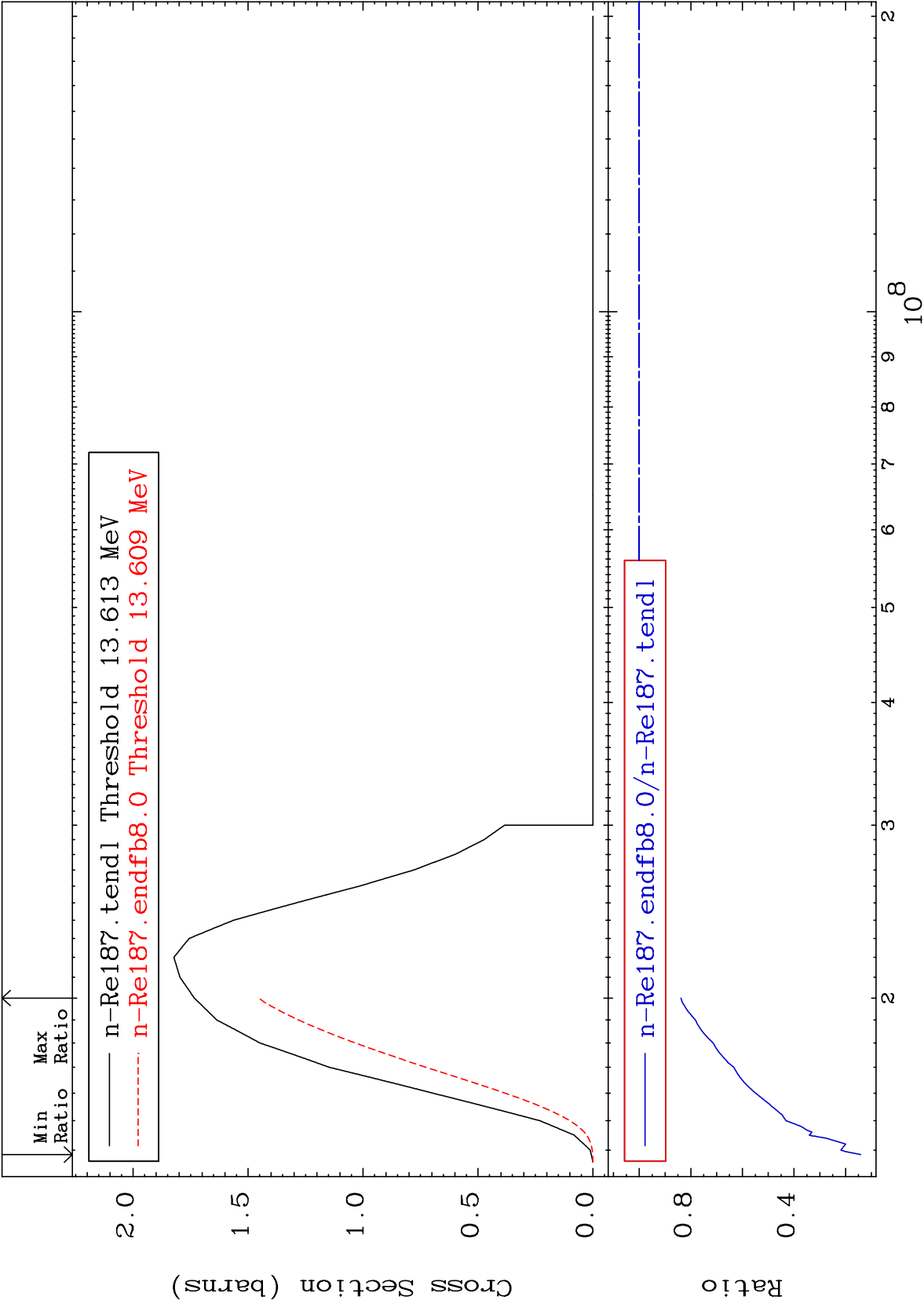
Cross Section

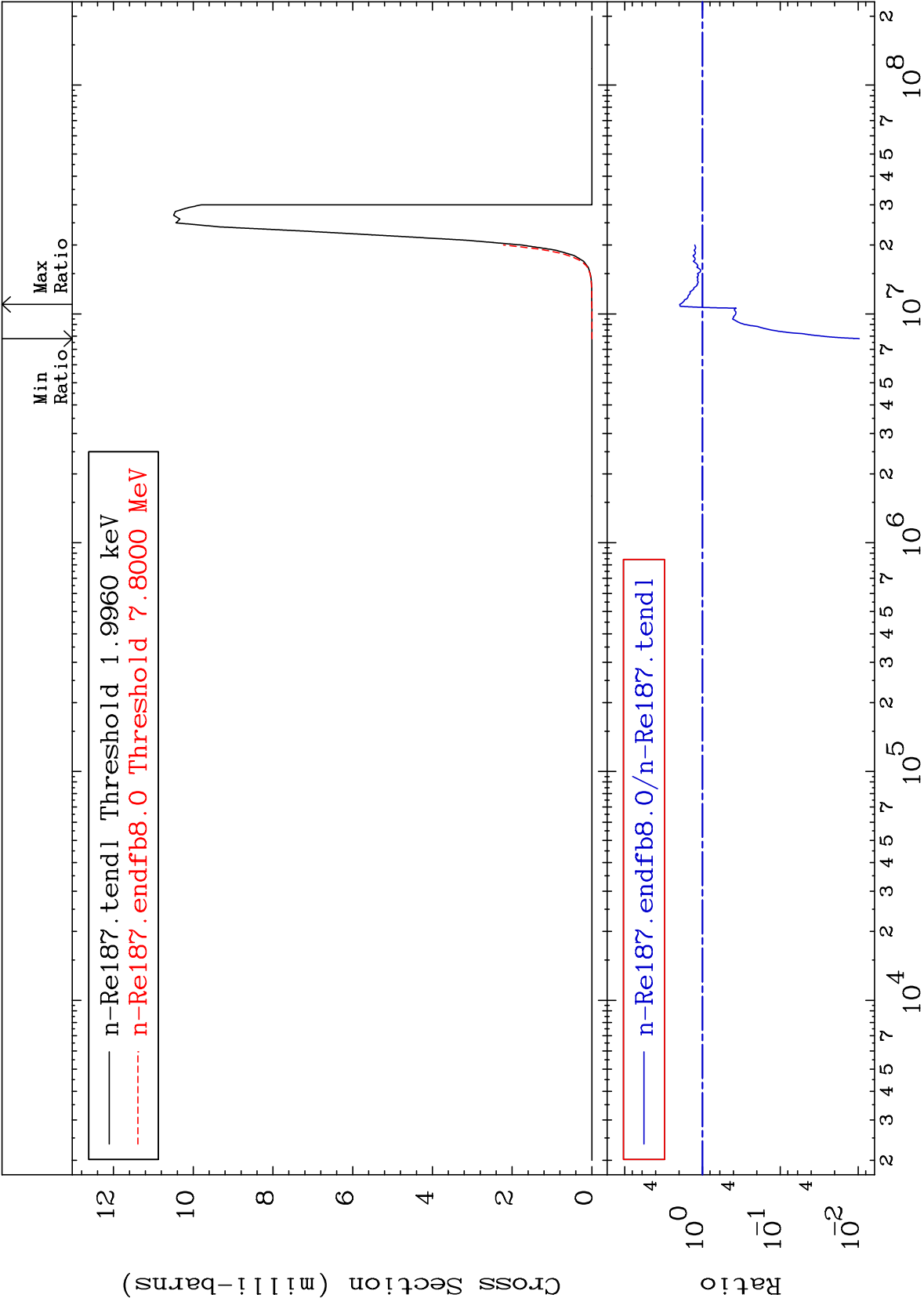
-52.83 To 76.70 %



Cross Section

-85.87 To -16.15%

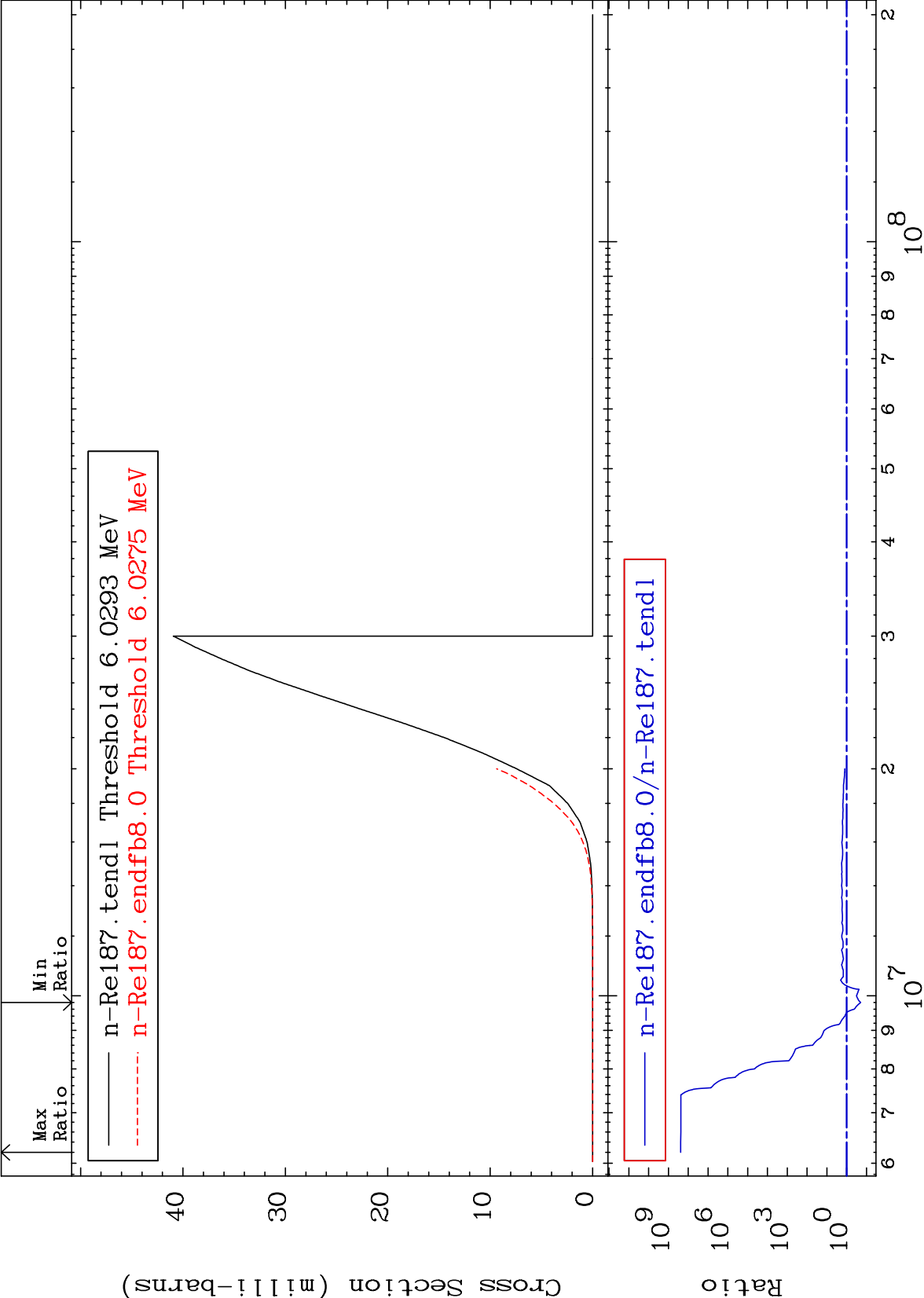




MAT 7531

(n,n') p
Cross Section

⁷⁵Re-¹⁸⁷
-80.24 To 9999. %



7

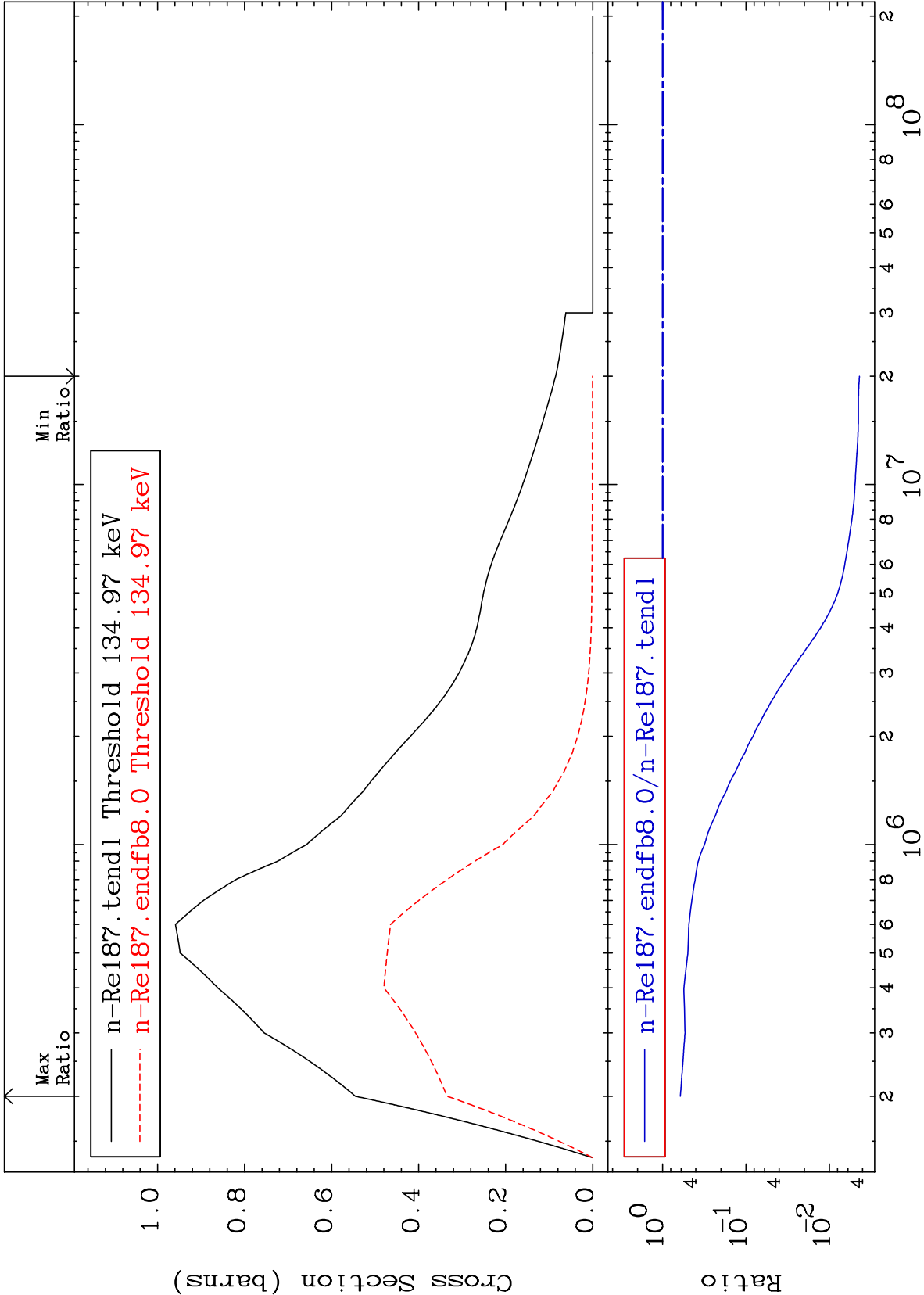
Incident Energy (eV)

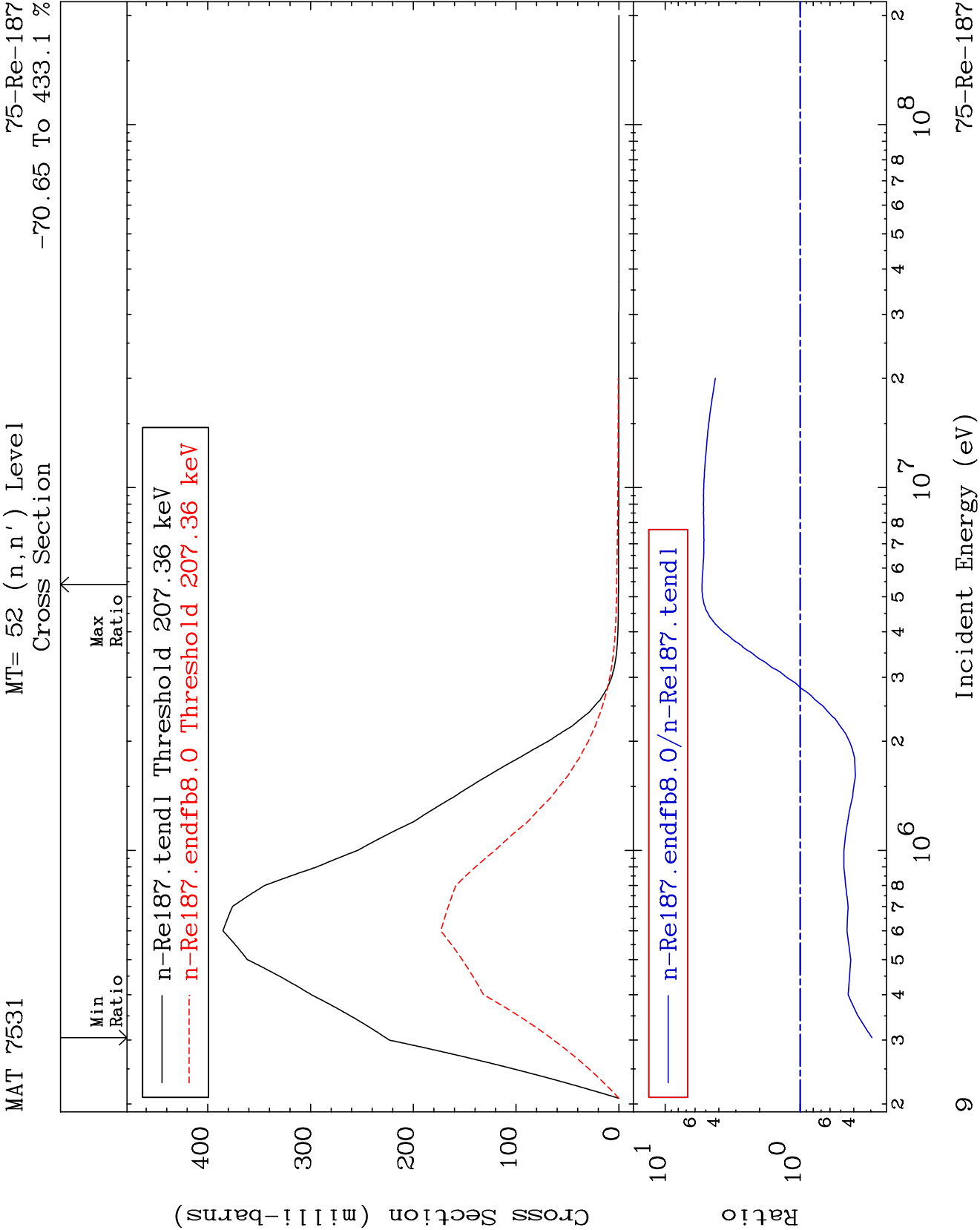
⁷⁵Re-¹⁸⁷

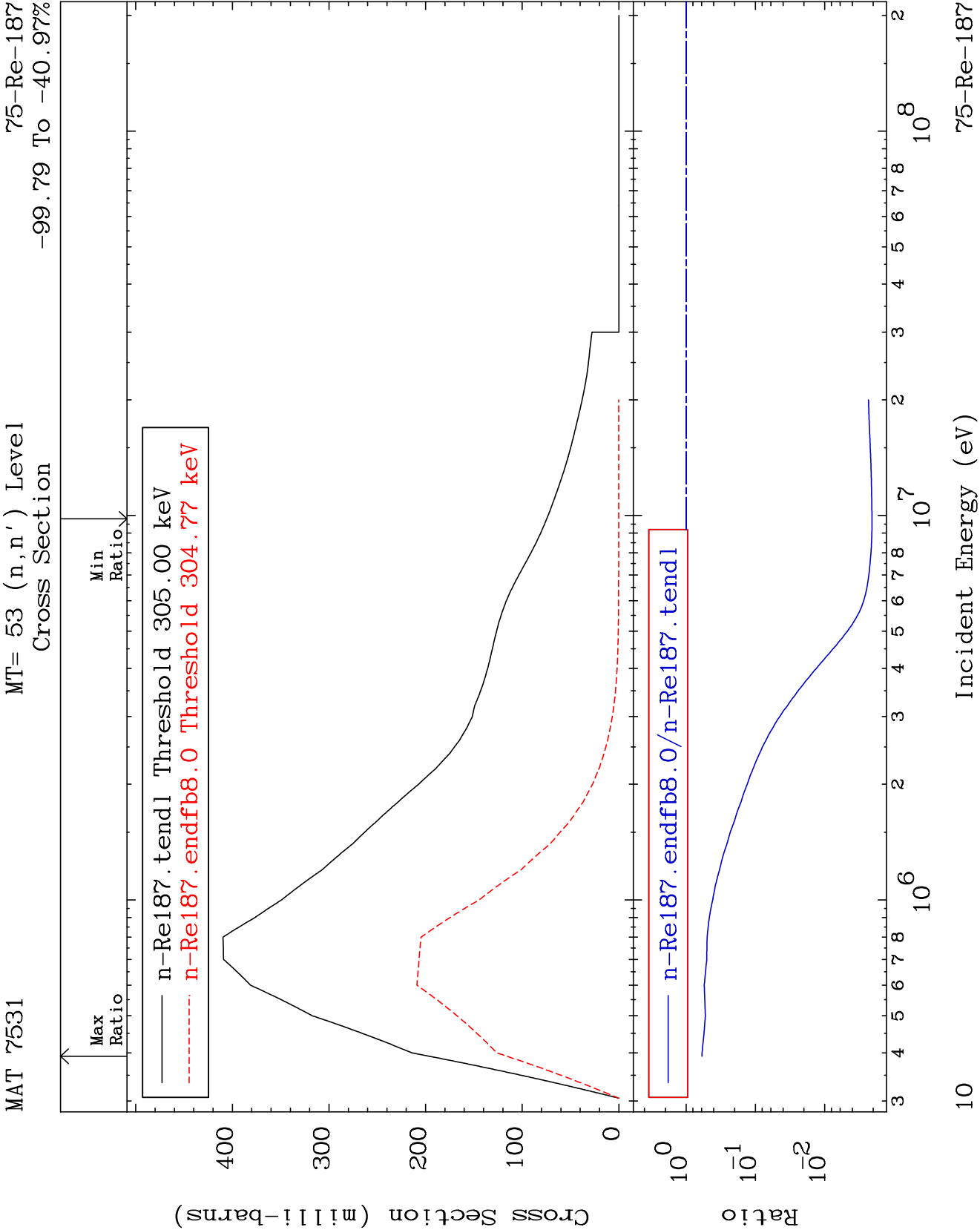
MAT 7531

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

⁷⁵Re-¹⁸⁷
-99.56 To -38.67%



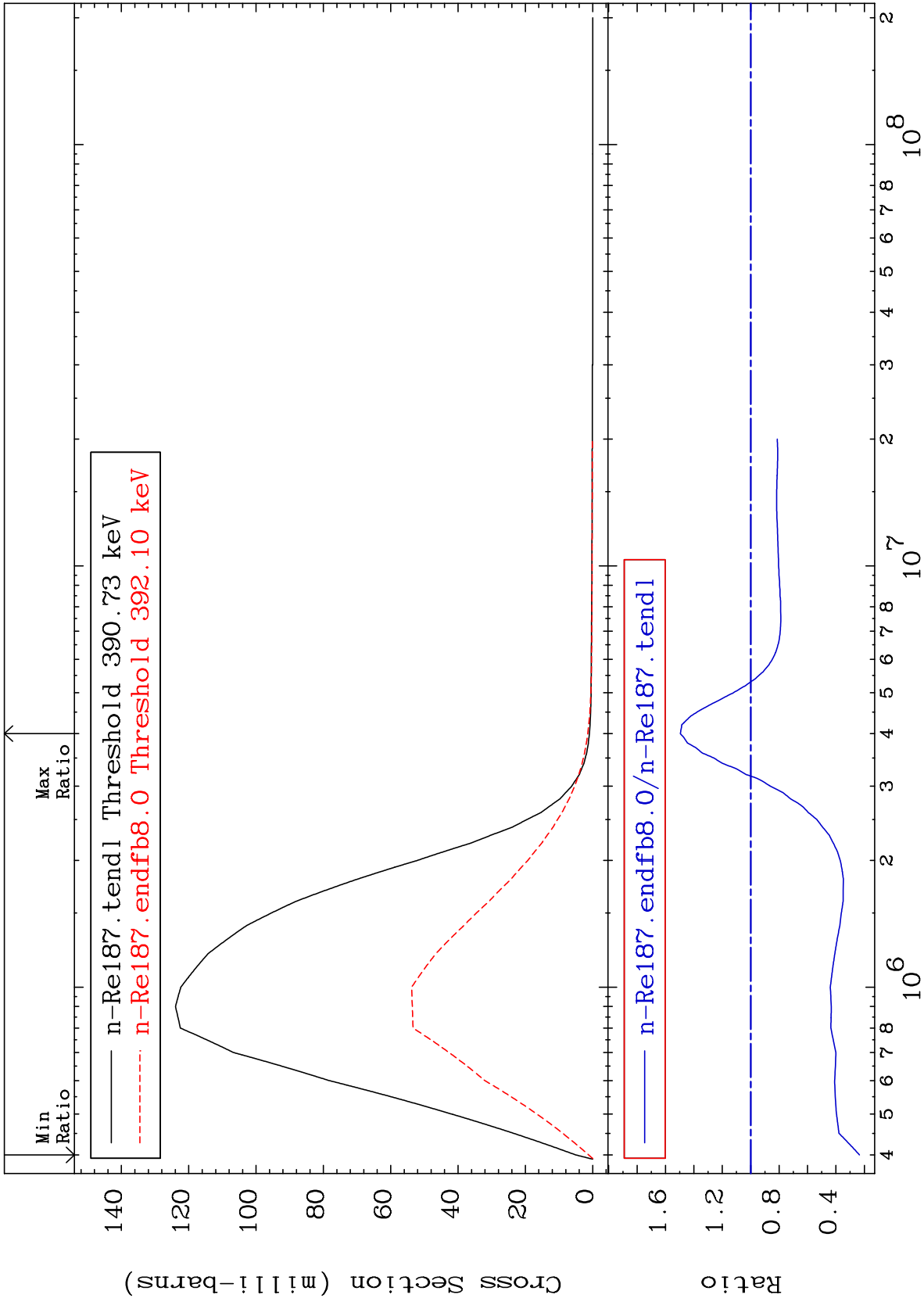




MAT 7531

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

⁷⁵Re-¹⁸⁷
-76.55 To 49.52 %



11

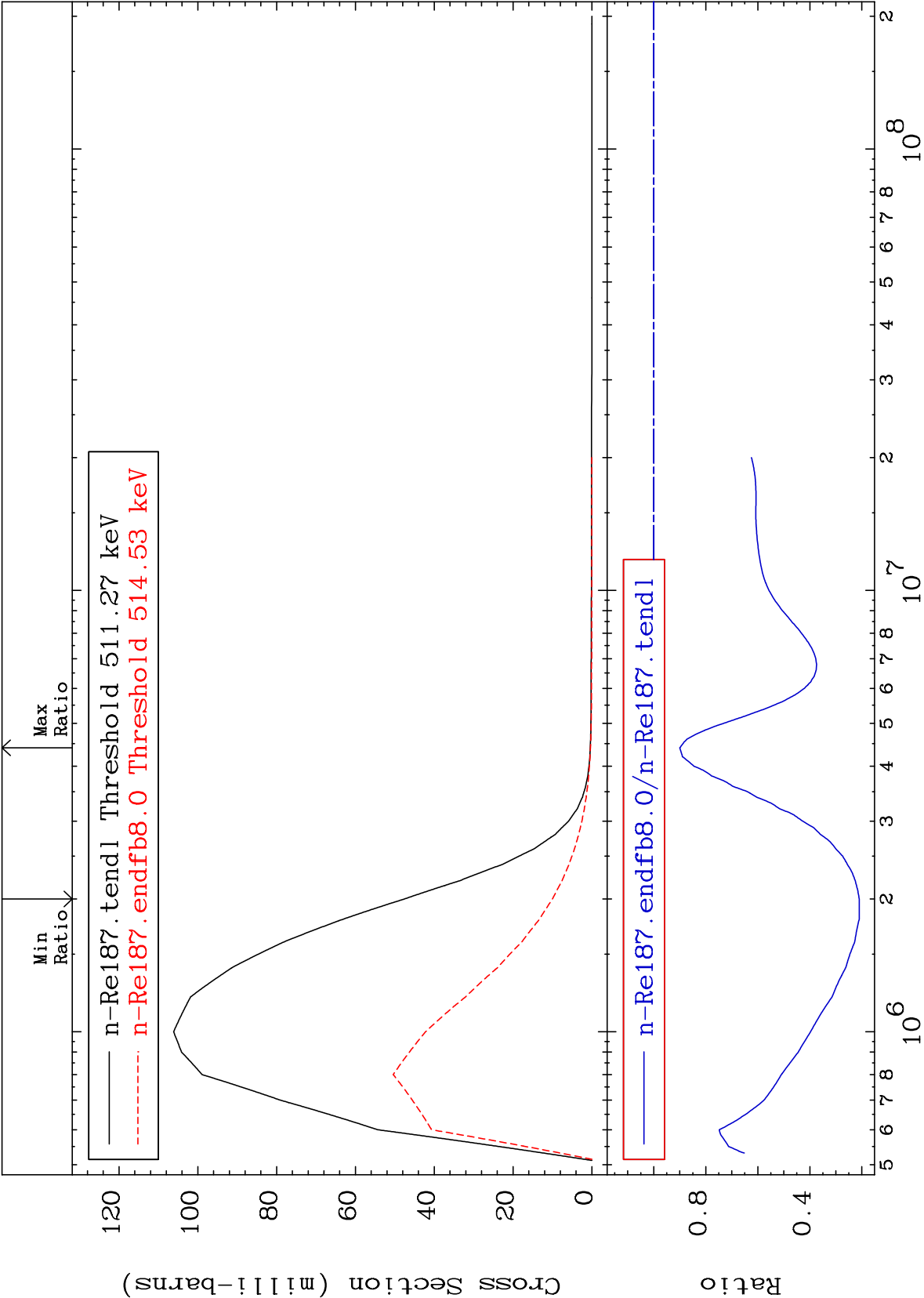
Incident Energy (eV)

⁷⁵Re-¹⁸⁷

MAT 7531

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

⁷⁵Re-¹⁸⁷
-79.00 To -9.992%



12

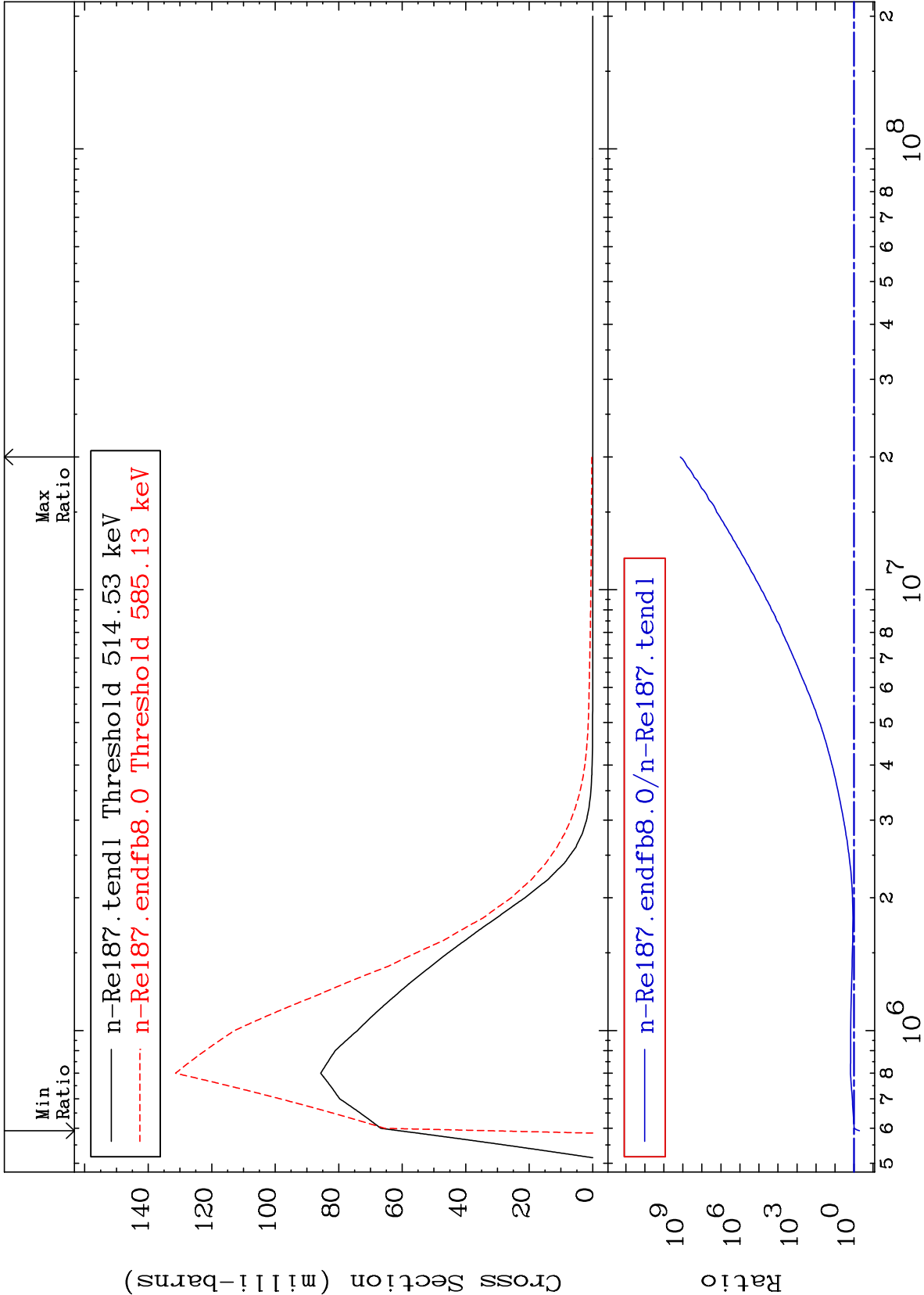
Incident Energy (eV)

⁷⁵Re-¹⁸⁷

MAT 7531

MT= 56 (n,n') Level
Cross Section

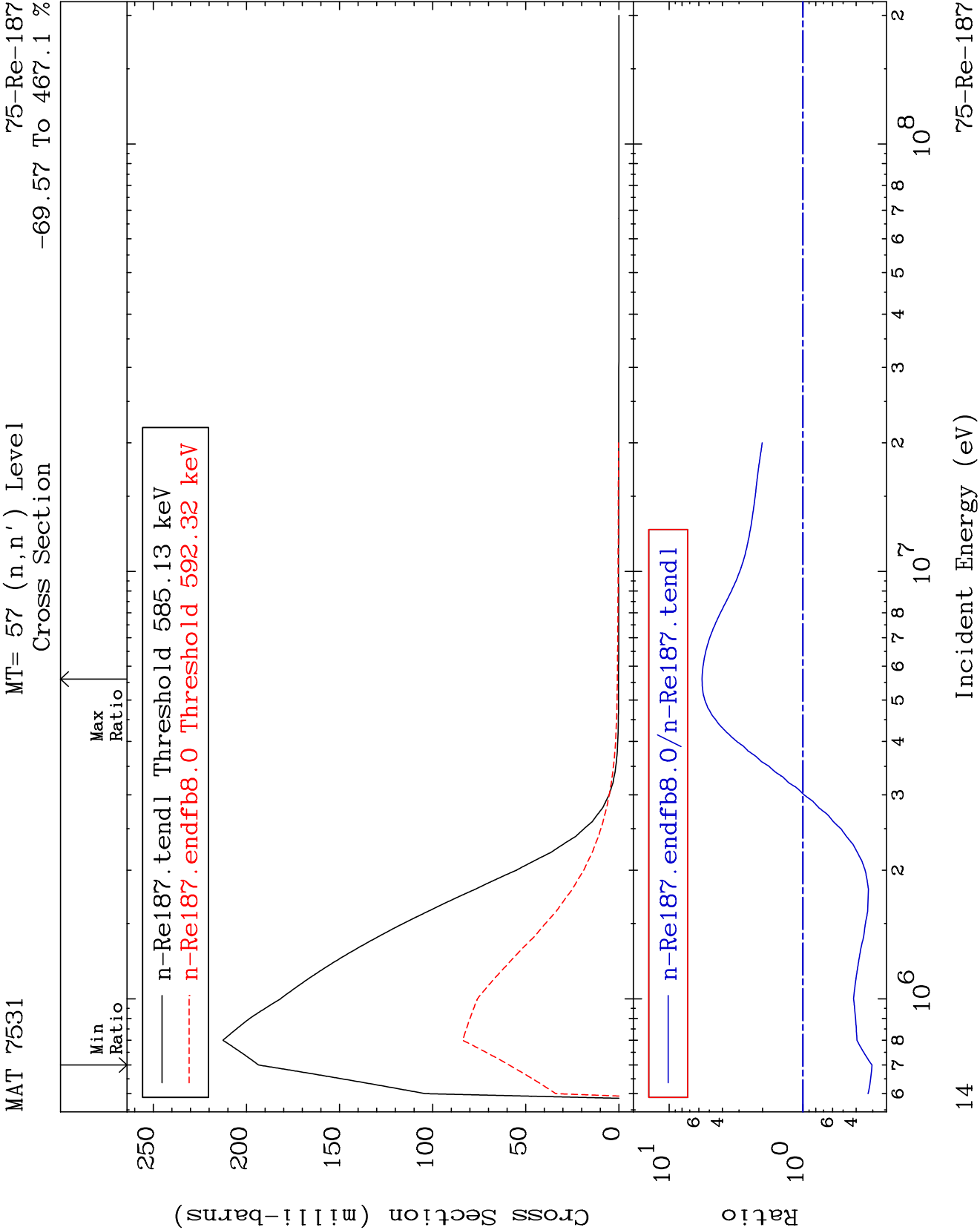
⁷⁵Re-¹⁸⁷
-47.91 To 9999. %

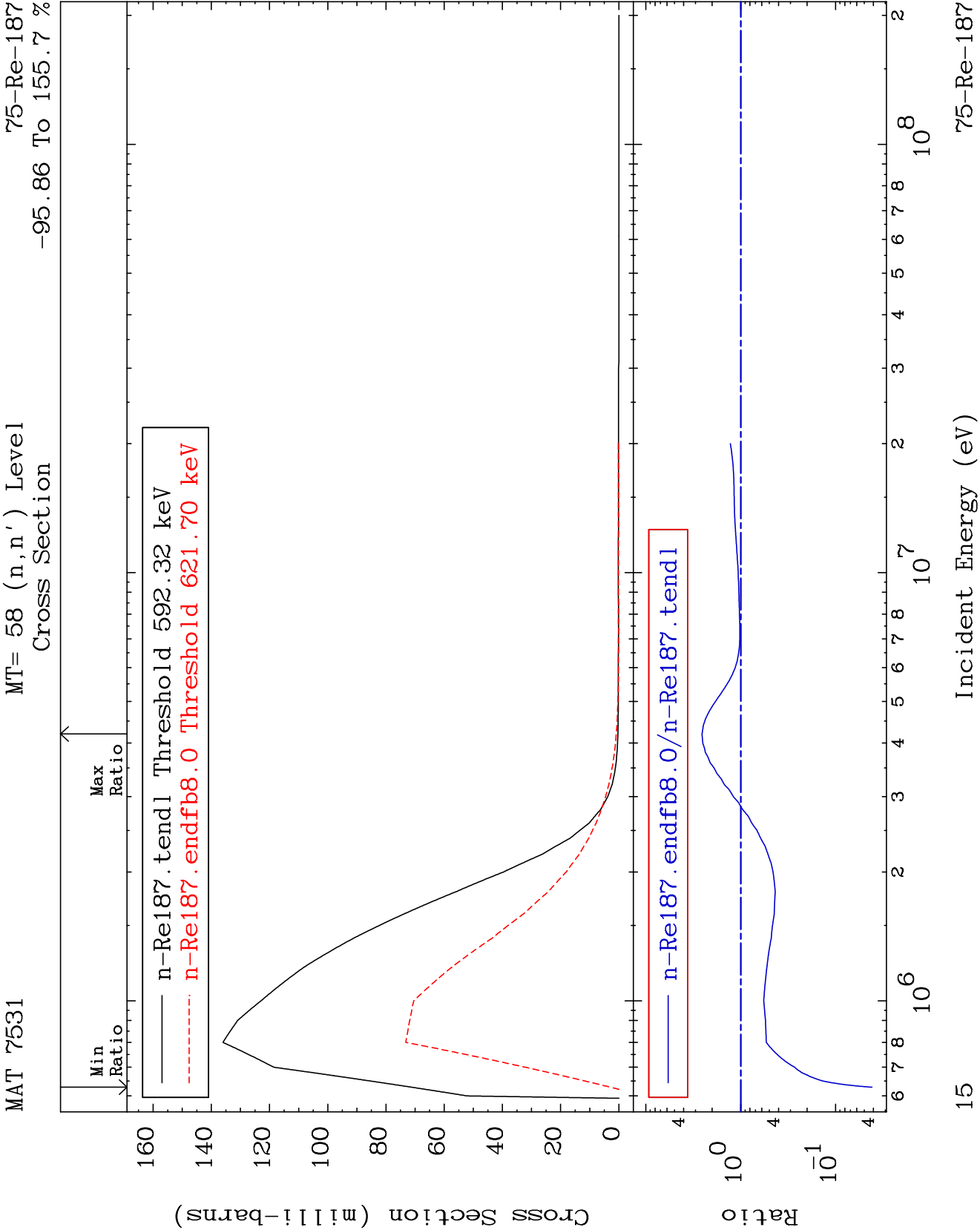


13

Incident Energy (eV)

⁷⁵Re-¹⁸⁷

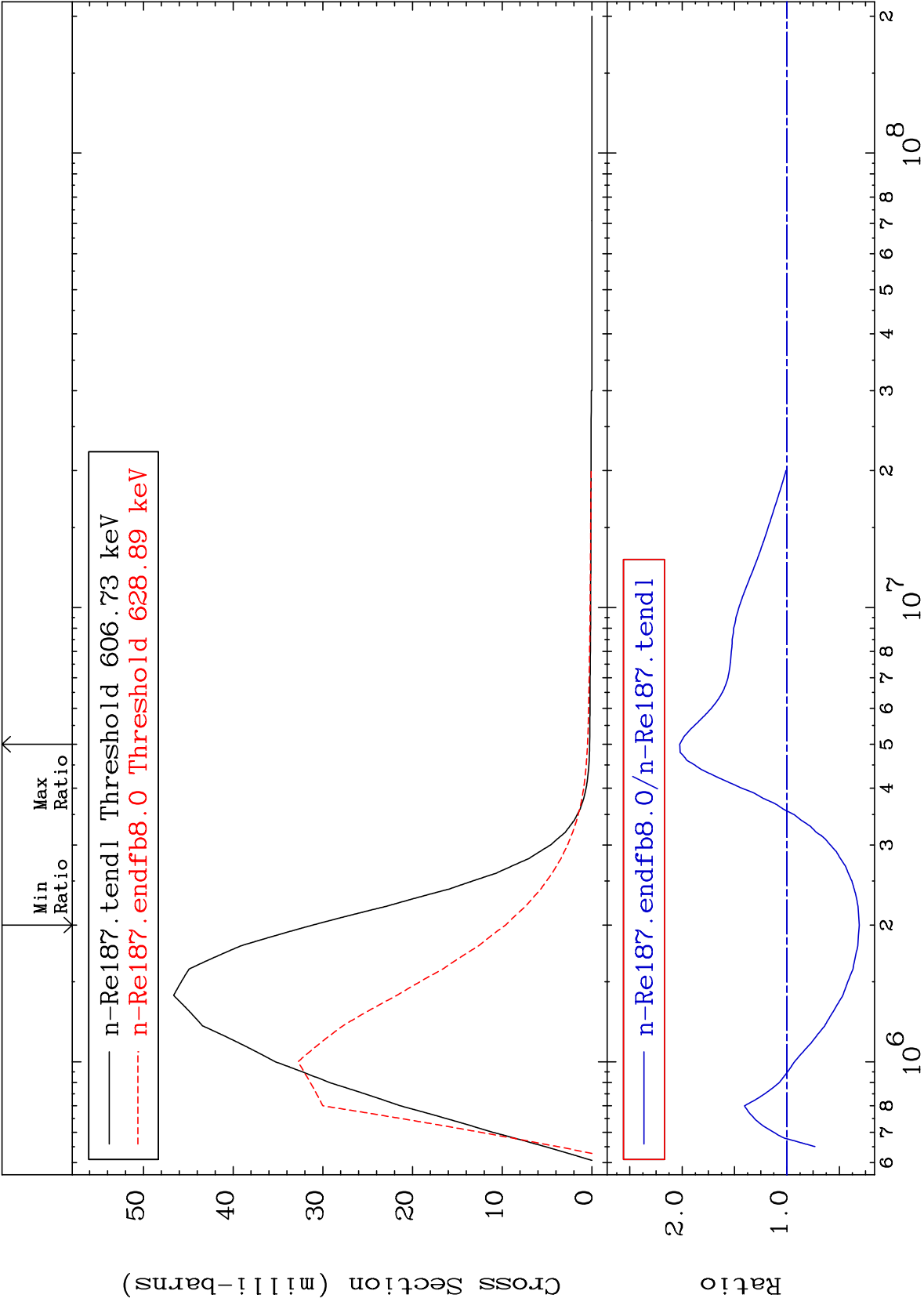




MAT 7531

MT= 59 (n,n') Level
Cross Section

⁷⁵Re-¹⁸⁷
-69.06 To 102.3 %



16

Incident Energy (eV)

⁷⁵Re-¹⁸⁷

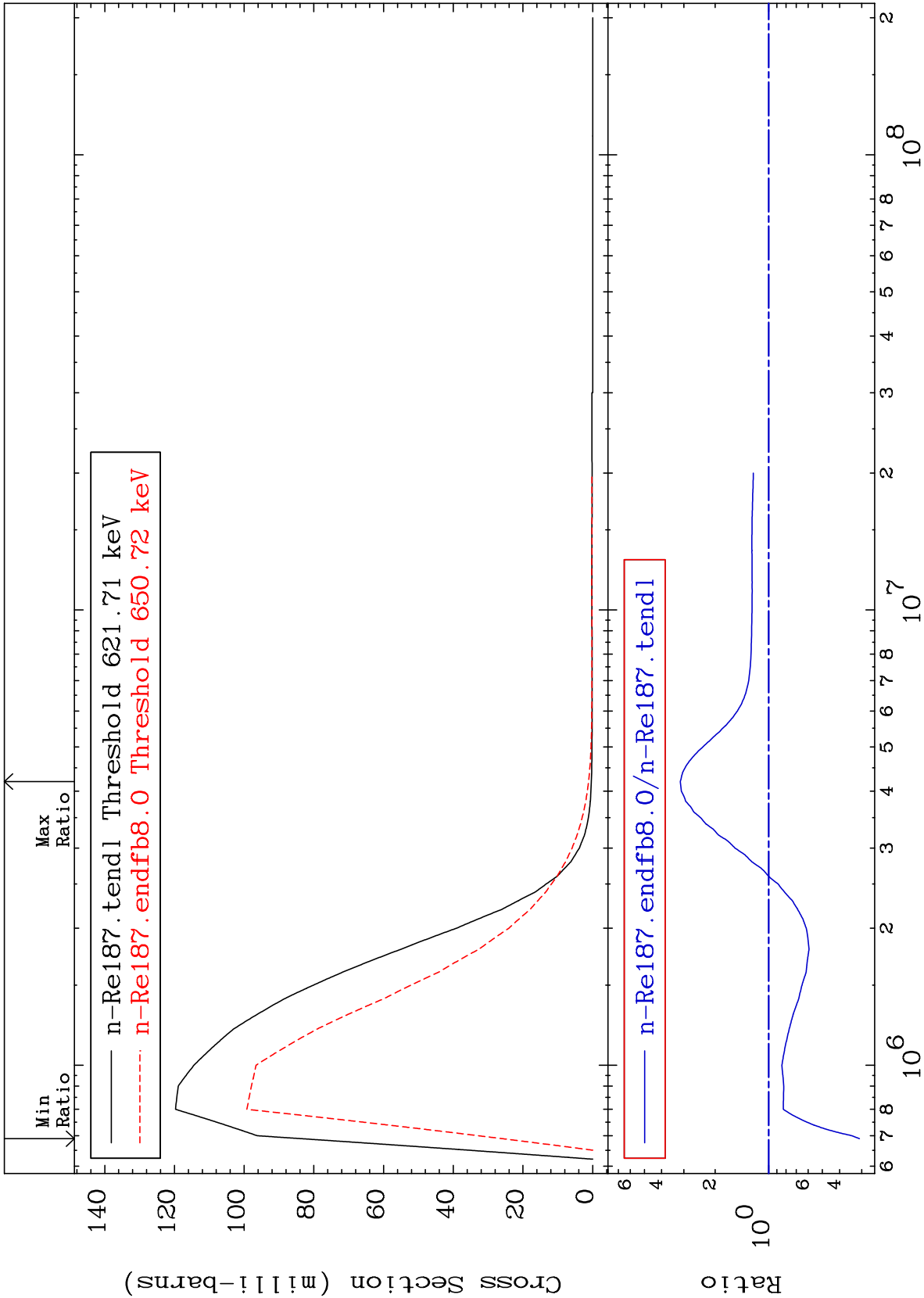
MAT 7531

MT= 60 (n,n') Level

⁷⁵Re-¹⁸⁷

-69.07 To 213.8 %

Cross Section



17

Incident Energy (eV)

⁷⁵Re-¹⁸⁷

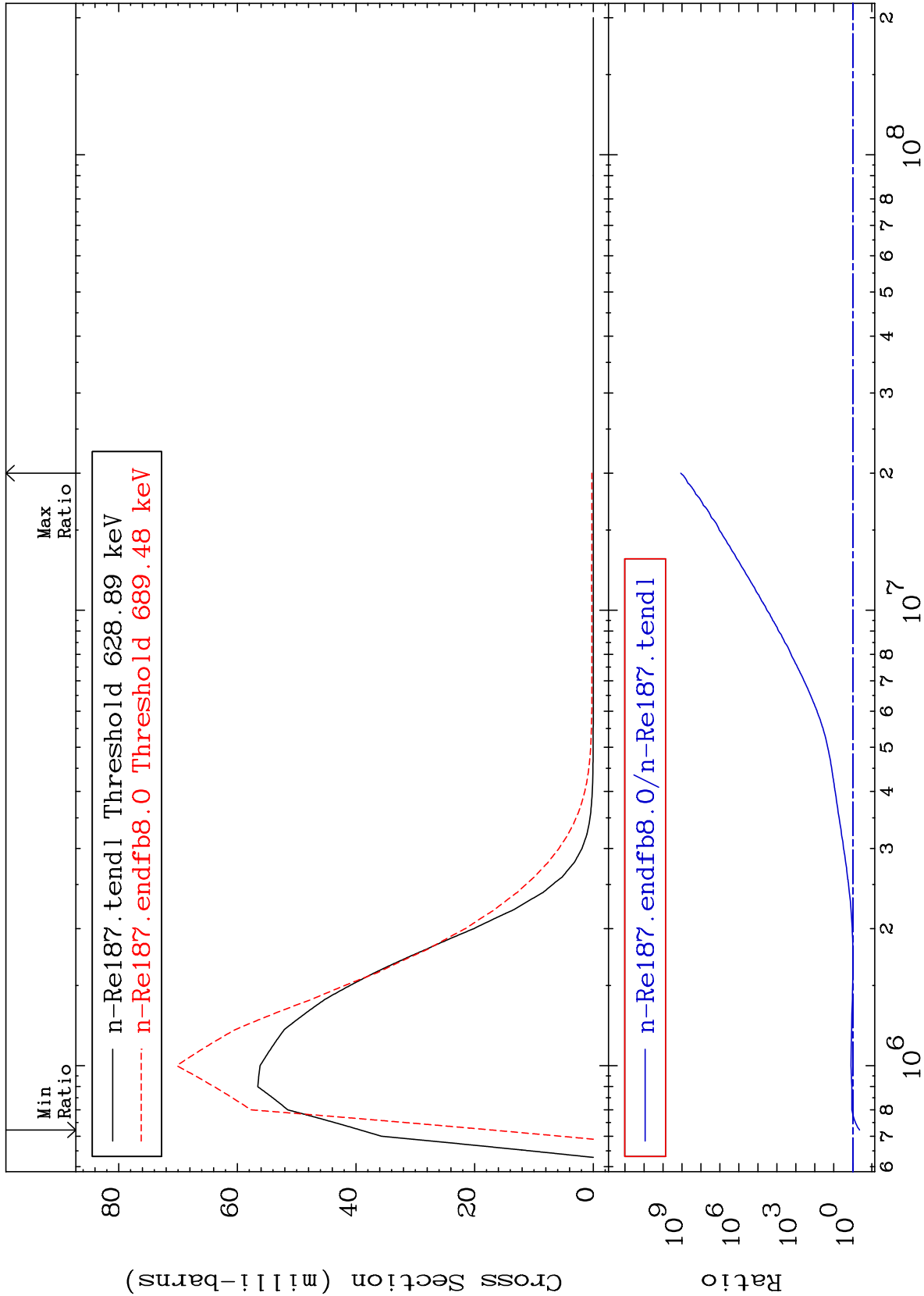
MAT 7531

MT= 61 (n,n') Level

⁷⁵Re-¹⁸⁷

-55.96 To 9999. %

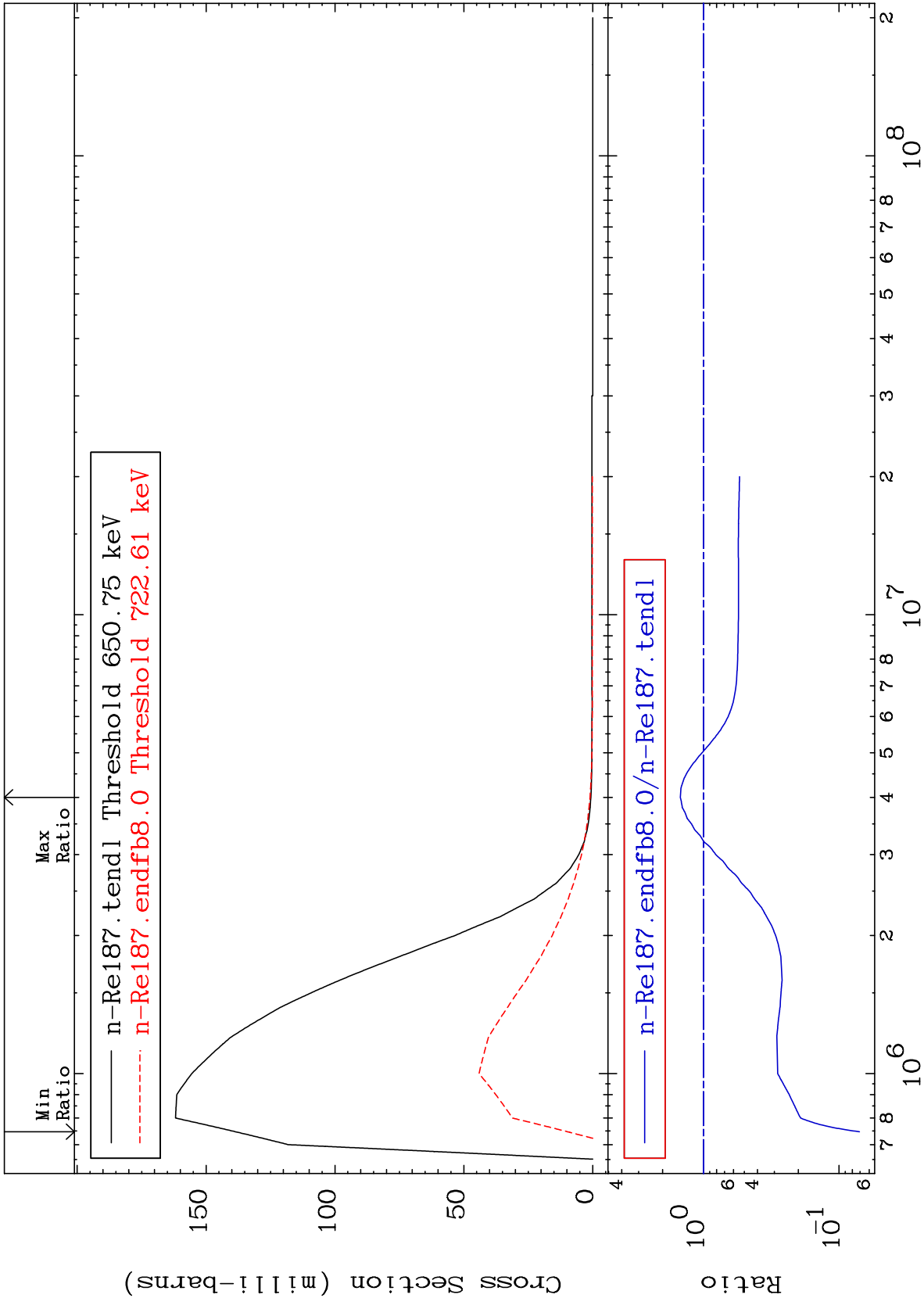
Cross Section



MAT 7531

MT= 62 (n,n') Level
Cross Section

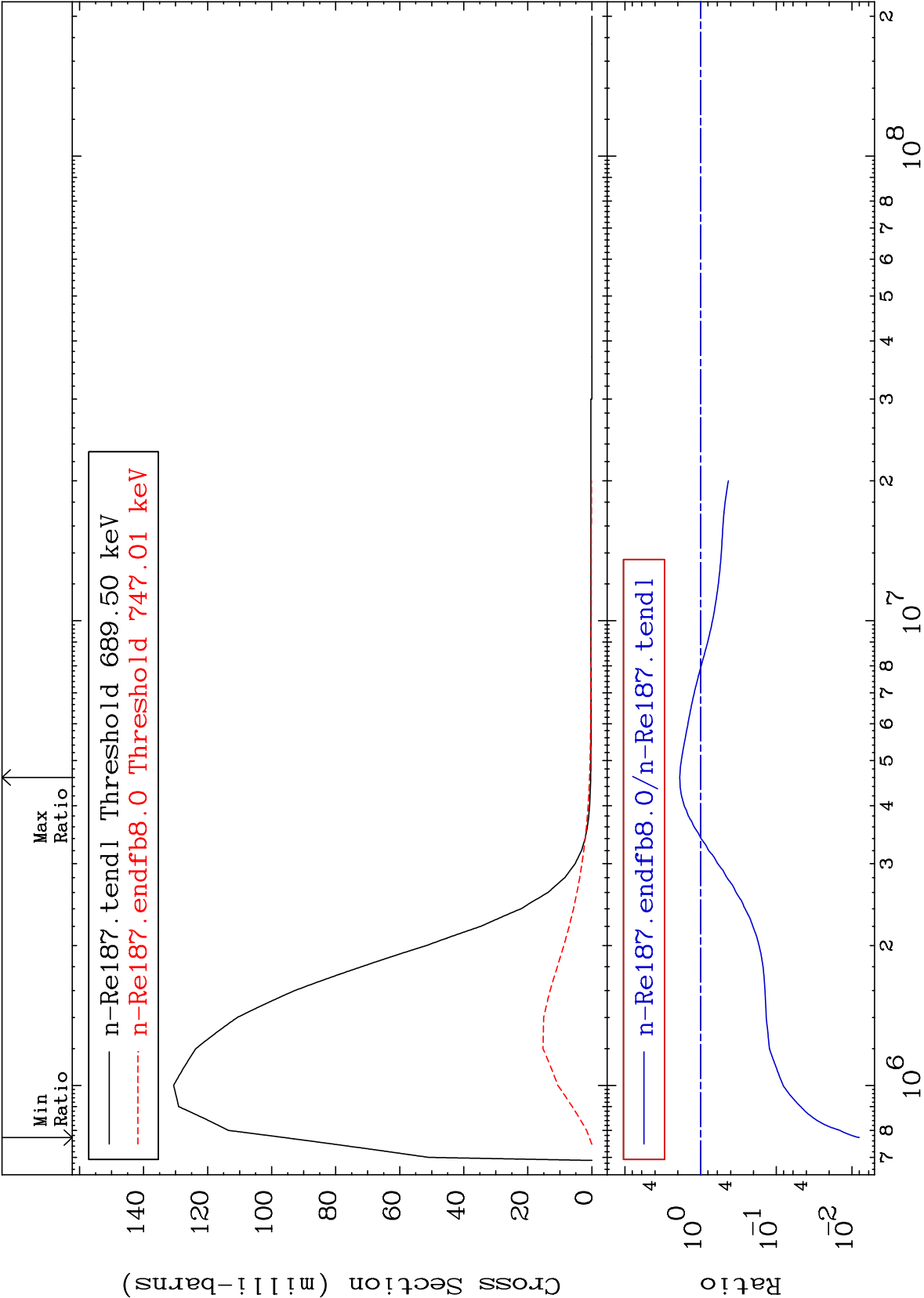
⁷⁵Re-¹⁸⁷
-92.92 To 47.90 %



MAT 7531

MT= 63 (n,n') Level
Cross Section

⁷⁵Re-¹⁸⁷
-99.20 To 88.80 %



20

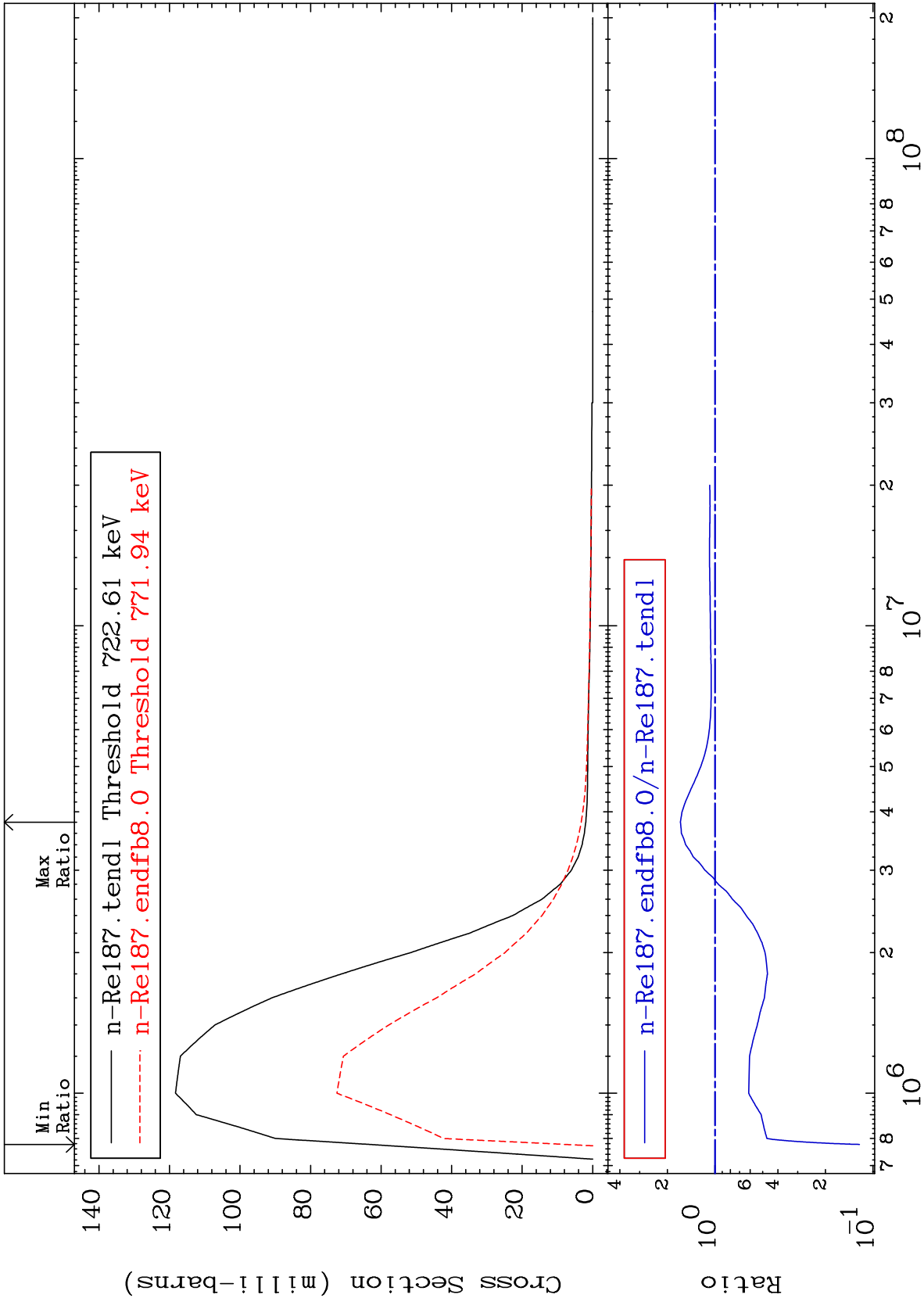
Incident Energy (eV)

⁷⁵Re-¹⁸⁷

MAT 7531

MT= 64 (n,n') Level
Cross Section

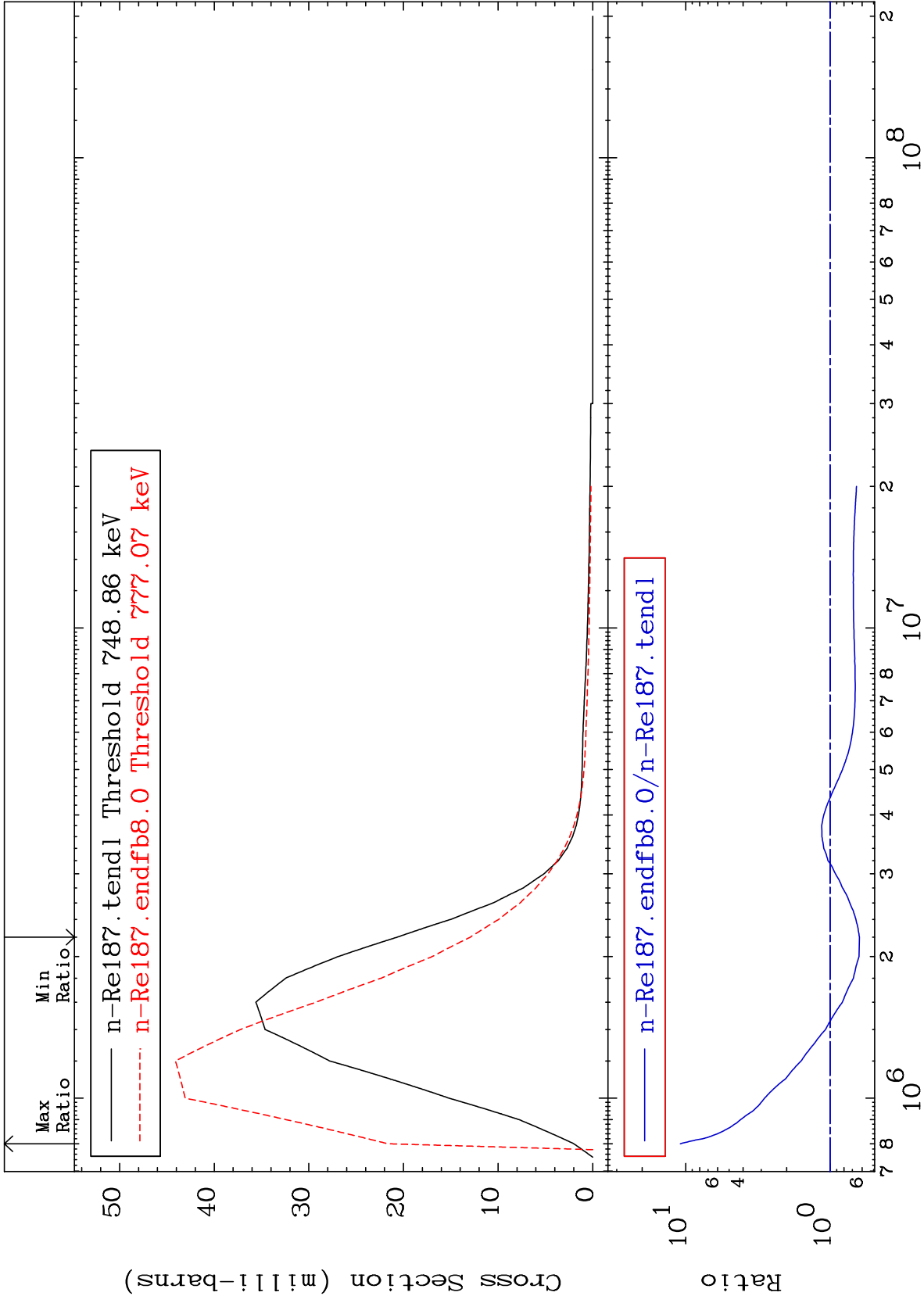
⁷⁵Re-¹⁸⁷
-87.80 To 65.71 %



MAT 7531

MT= 65 (n,n') Level
Cross Section

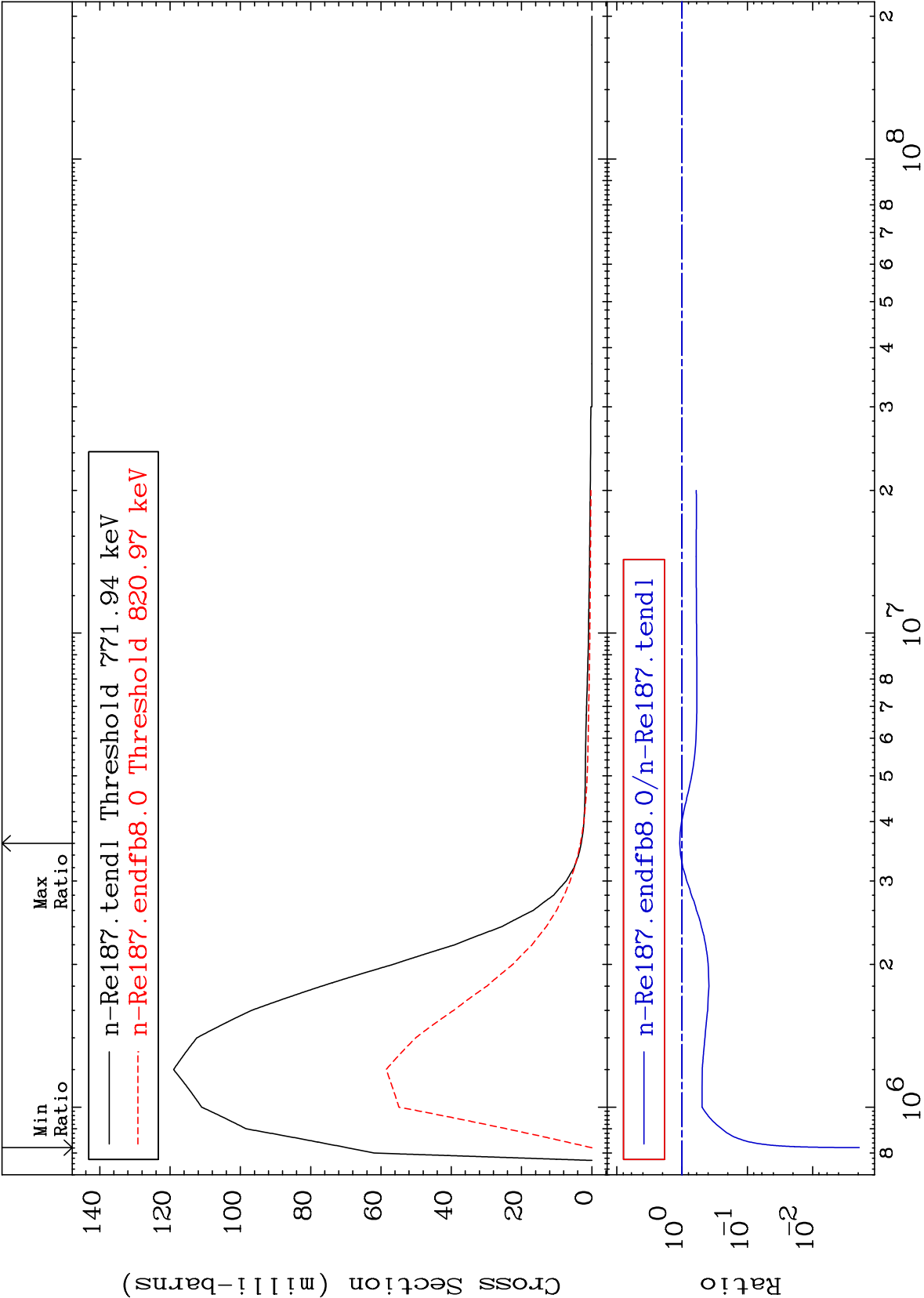
⁷⁵Re-¹⁸⁷
-37.40 To 988.2 %



MAT 7531

MT= 66 (n,n') Level
Cross Section

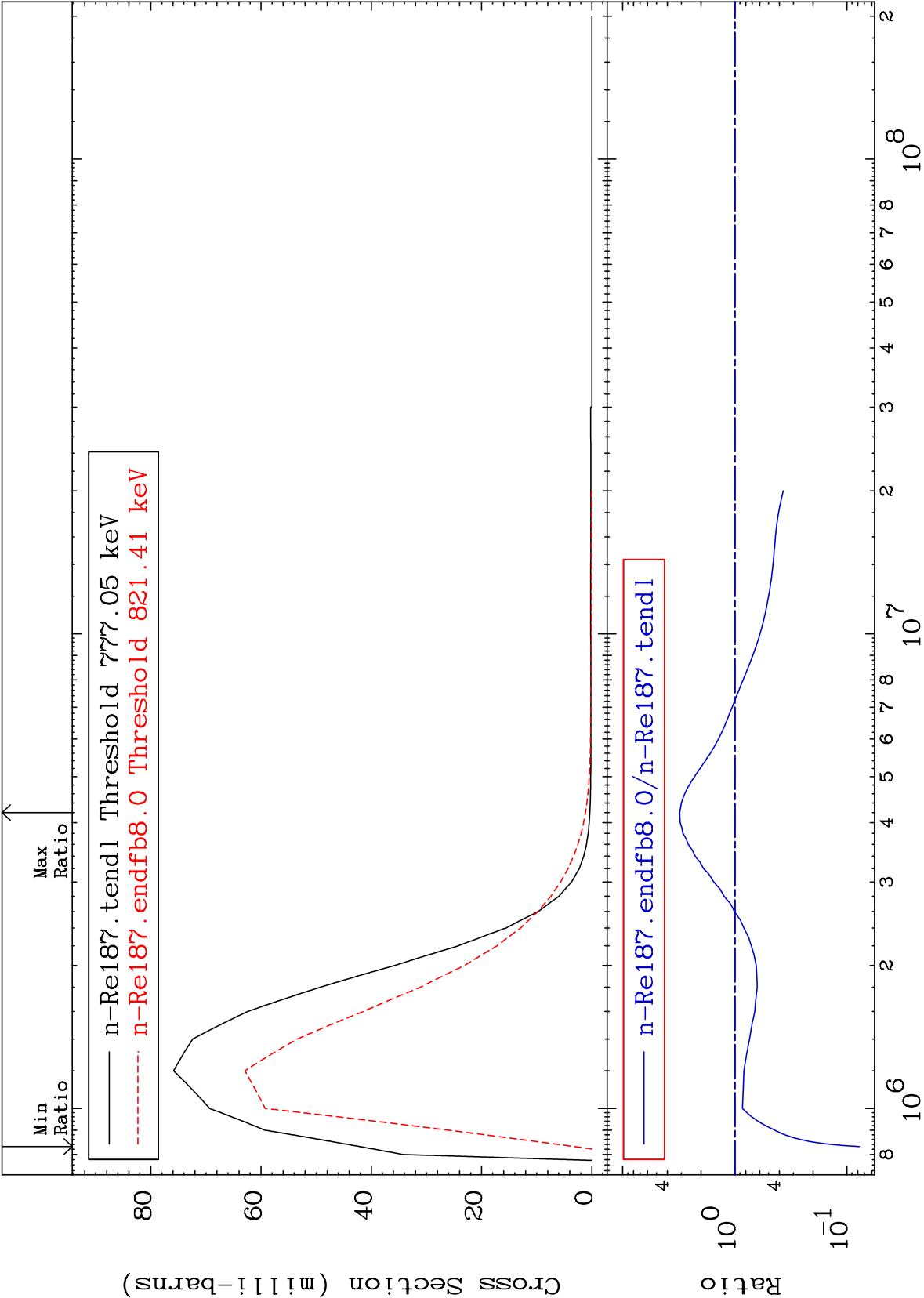
⁷⁵Re-¹⁸⁷
-99.81 To 8.654 %



MAT 7531

MT= 67 (n,n') Level
Cross Section

⁷⁵Re-¹⁸⁷
-92.25 To 209.8 %



24

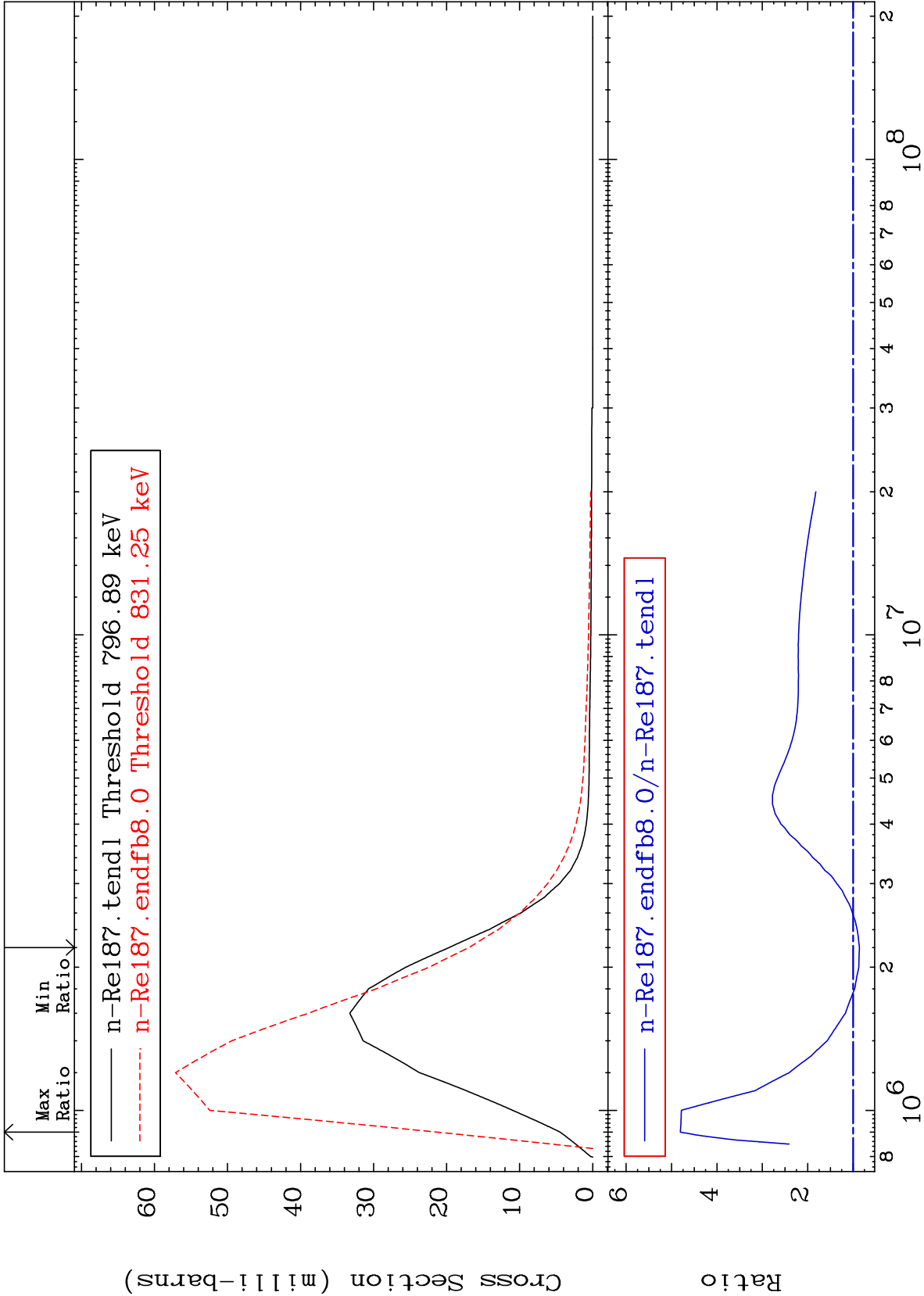
Incident Energy (eV)

⁷⁵Re-¹⁸⁷

MAT 7531

MT= 68 (n,n') Level
Cross Section

⁷⁵Re-¹⁸⁷
-13.89 To 380.7 %



25

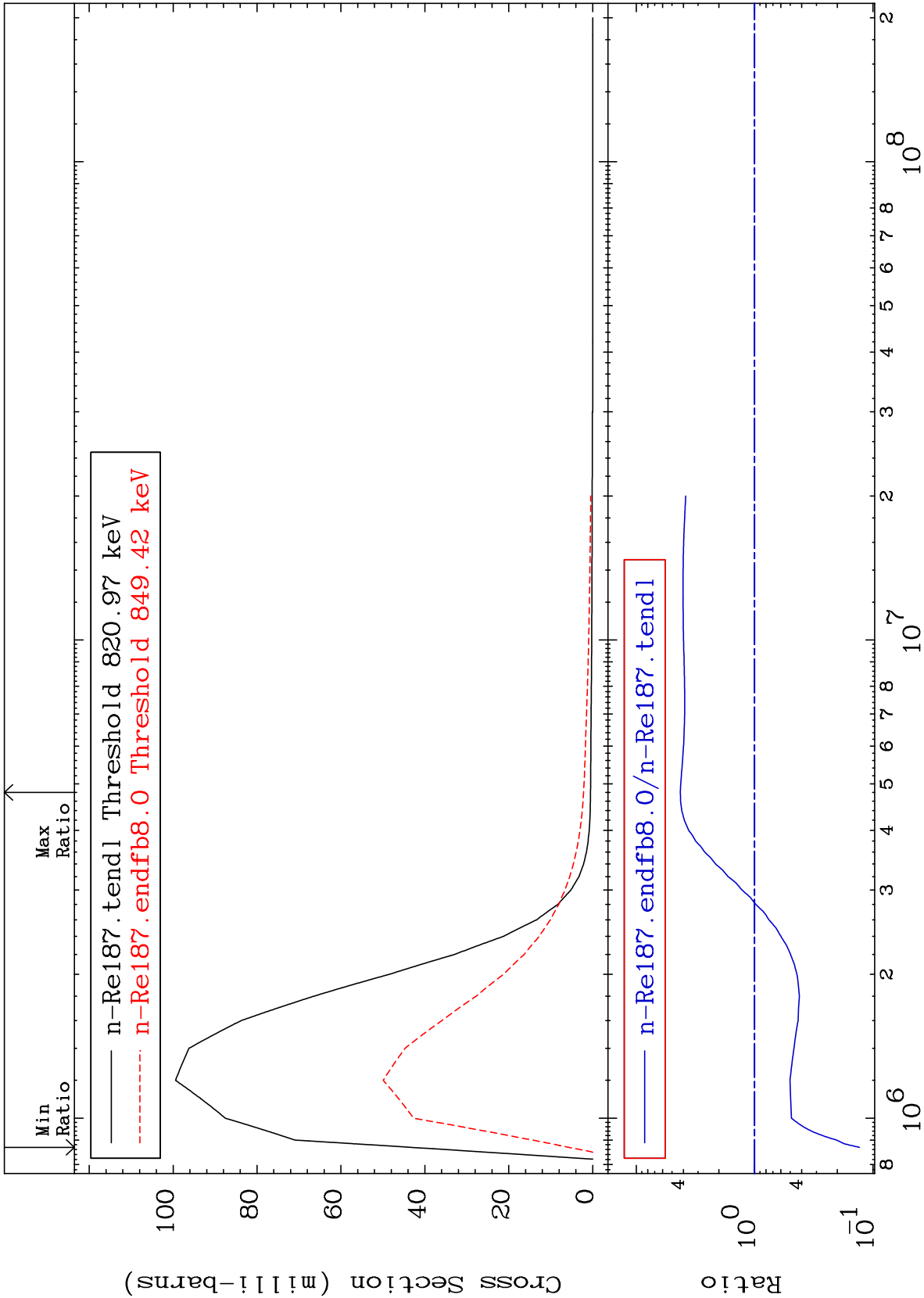
Incident Energy (eV)

⁷⁵Re-¹⁸⁷

MAT 7531

MT= 69 (n,n') Level
Cross Section

⁷⁵Re-¹⁸⁷
-87.00 To 324.0 %



26

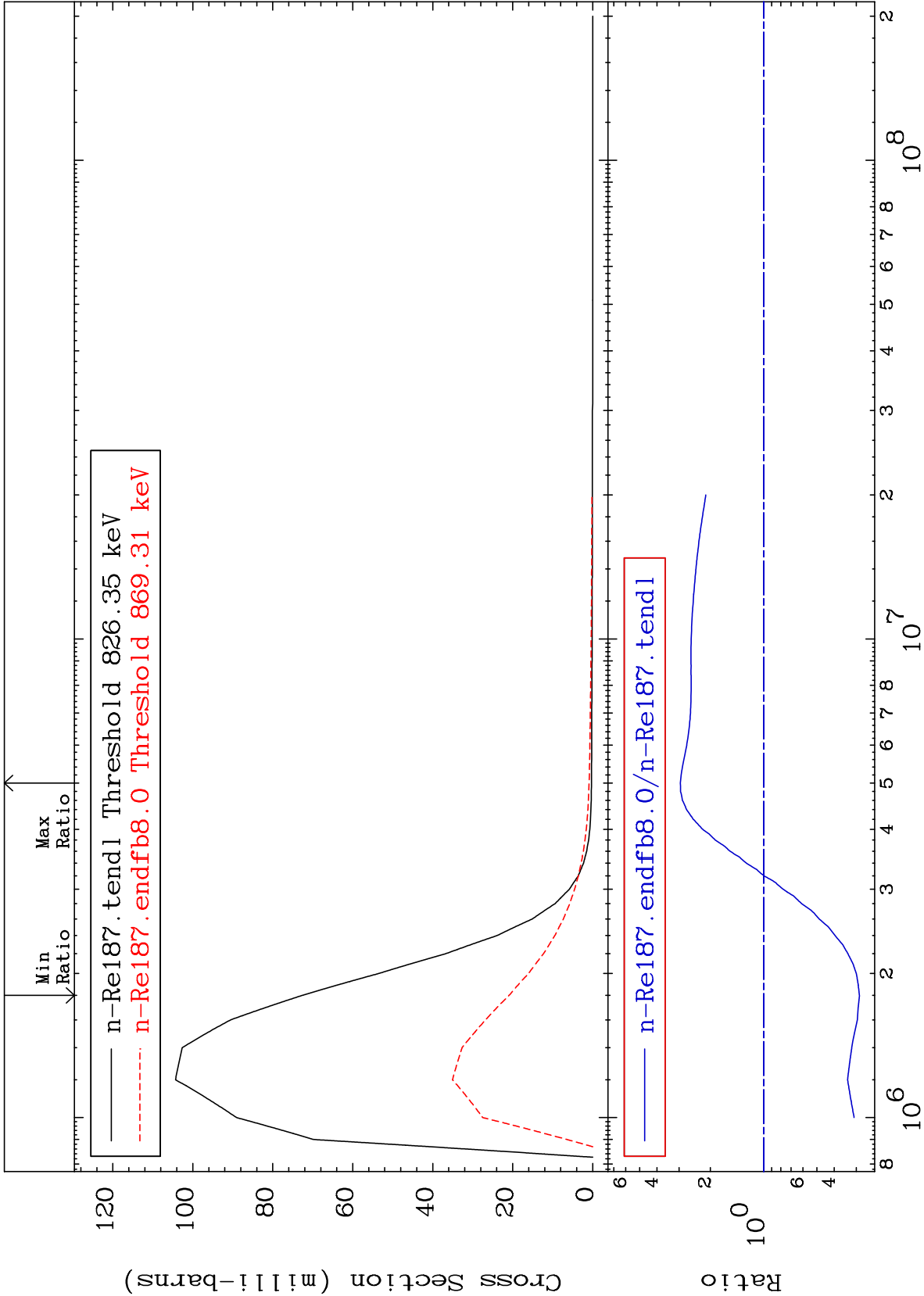
Incident Energy (eV)

⁷⁵Re-¹⁸⁷

MAT 7531

MT= 70 (n,n') Level
Cross Section

⁷⁵Re-¹⁸⁷
-71.19 To 195.0 %



27

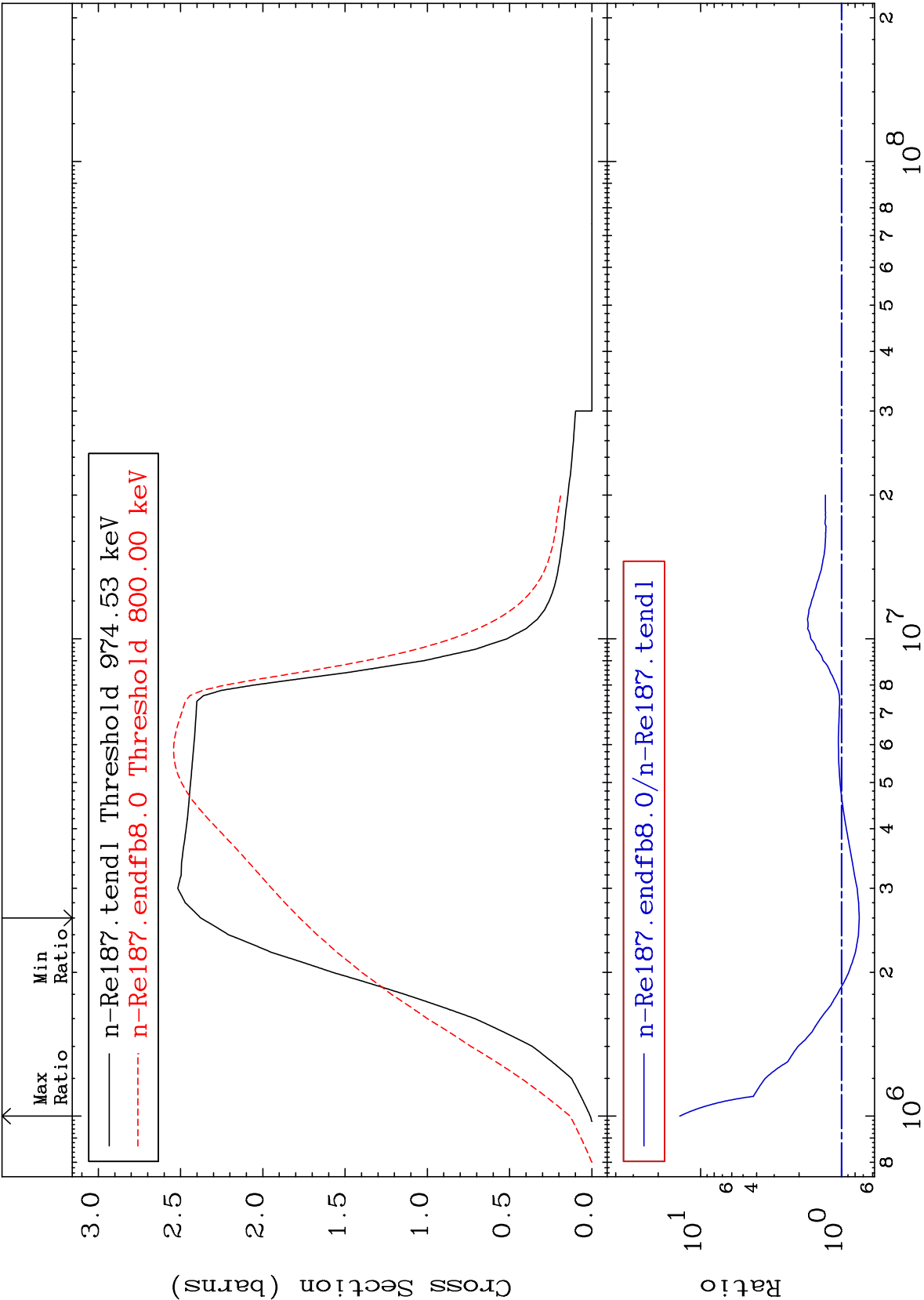
Incident Energy (eV)

⁷⁵Re-¹⁸⁷

MAT 7531

(n,n') Continuum
Cross Section

⁷⁵Re-¹⁸⁷
-25.29 To 1306. %



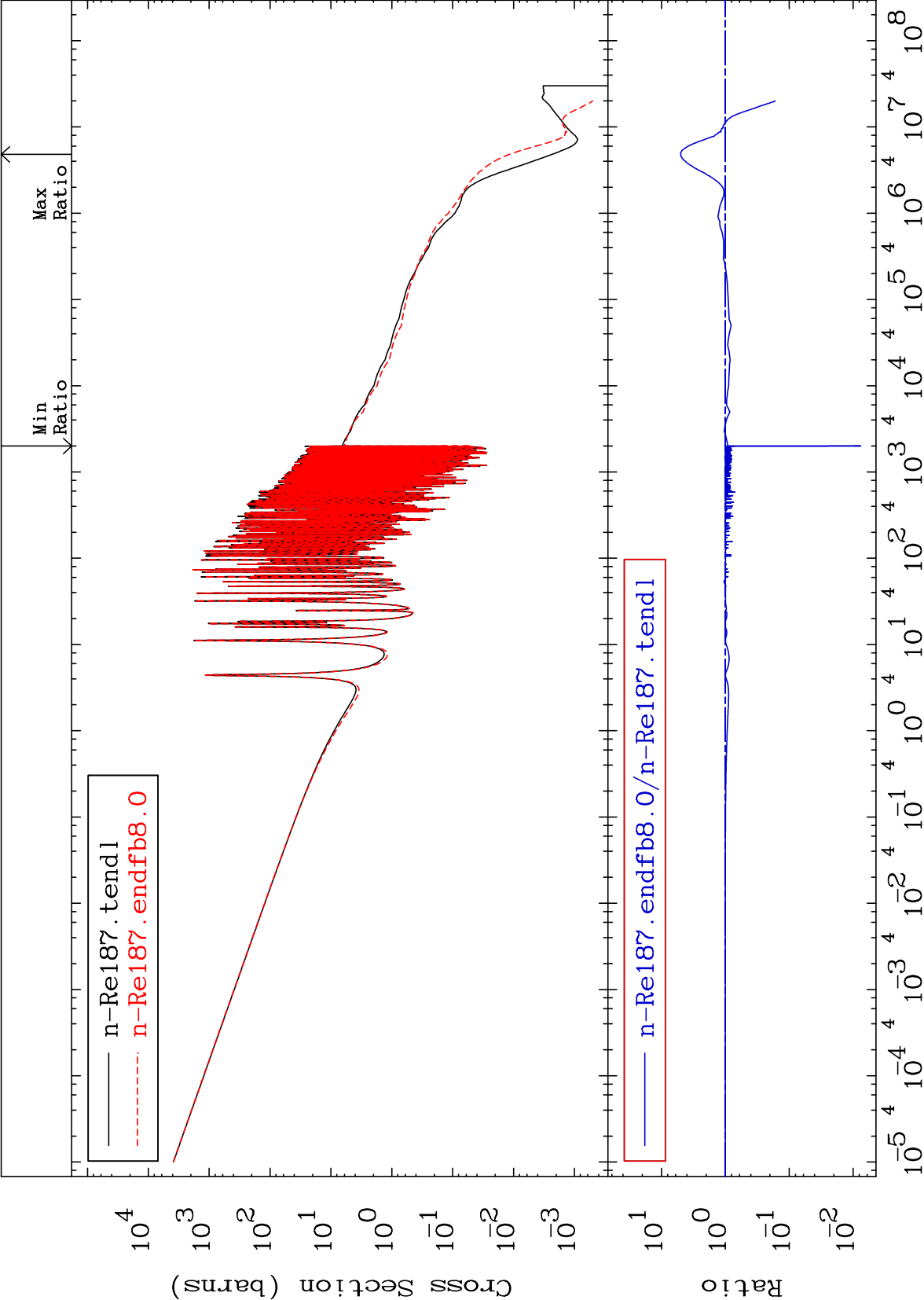
28

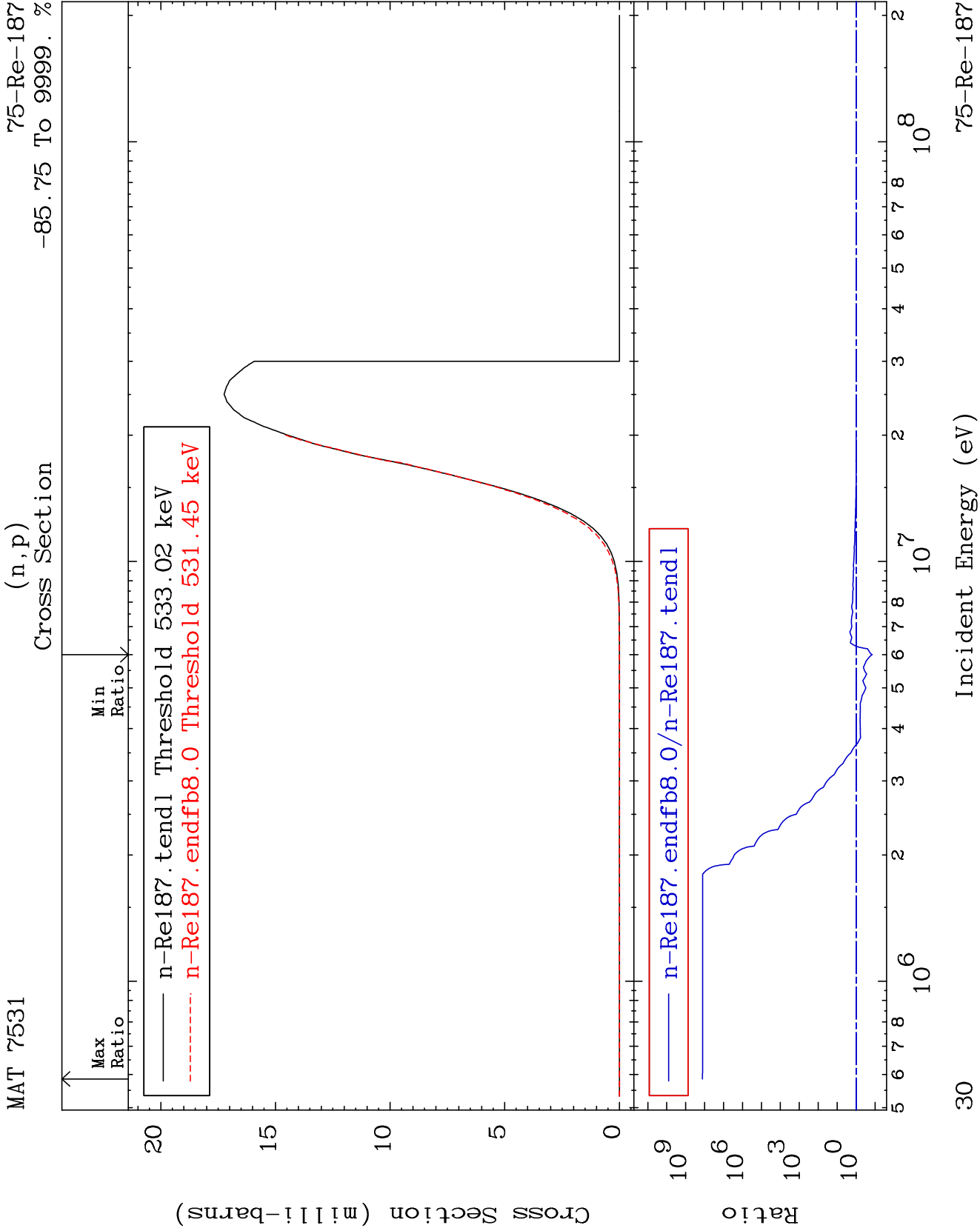
Incident Energy (eV)

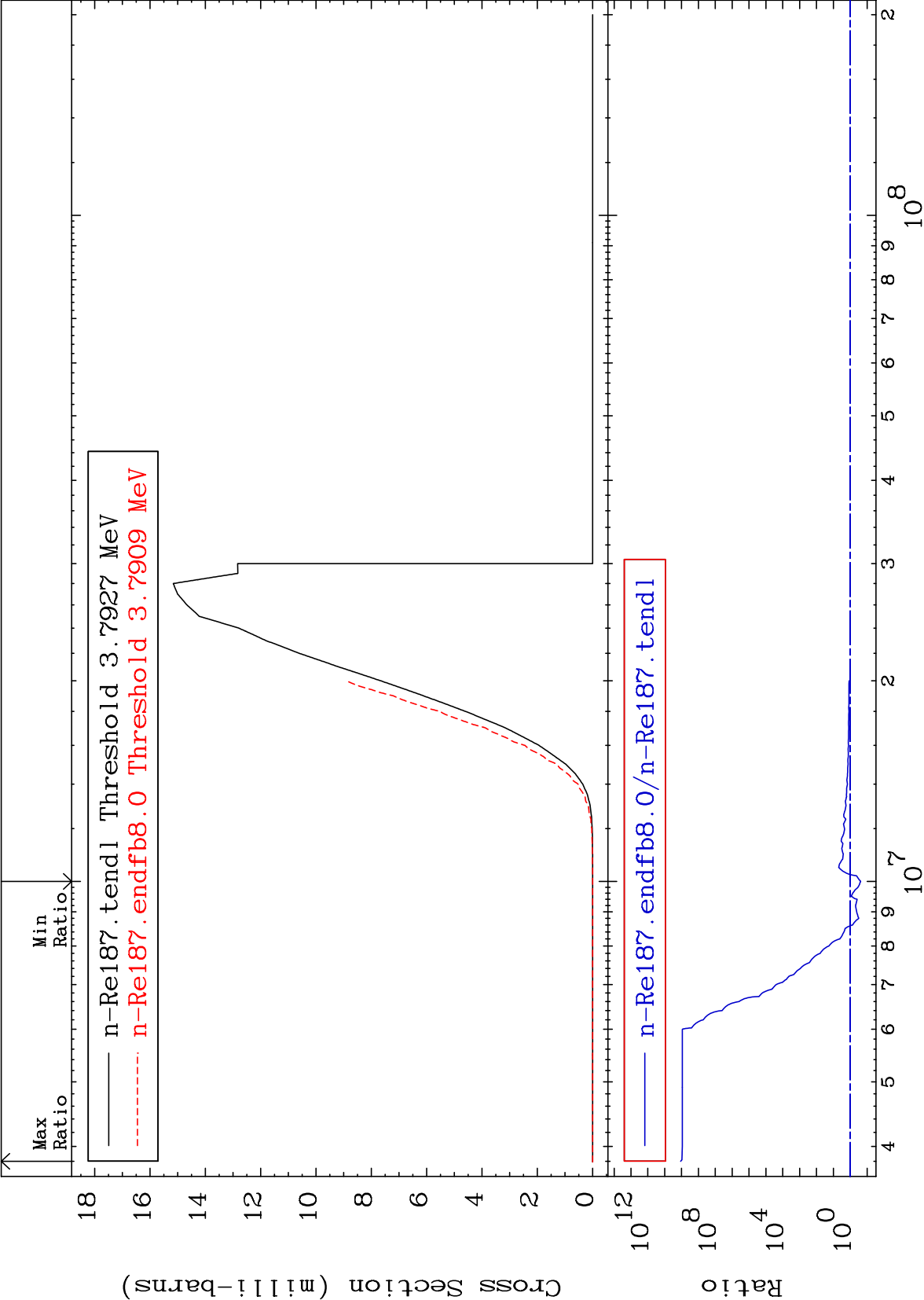
⁷⁵Re-¹⁸⁷

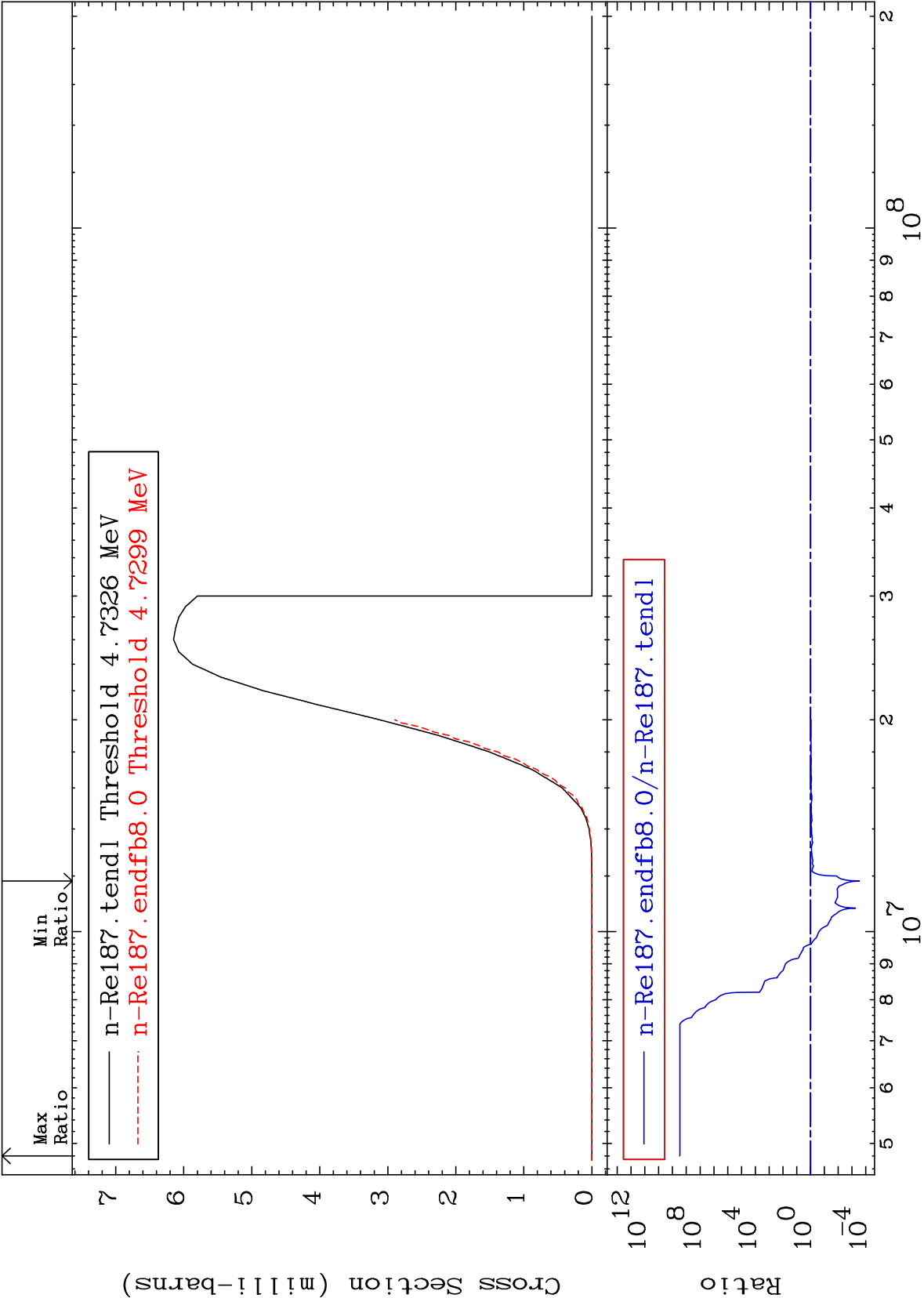
(n, γ)
Cross Section

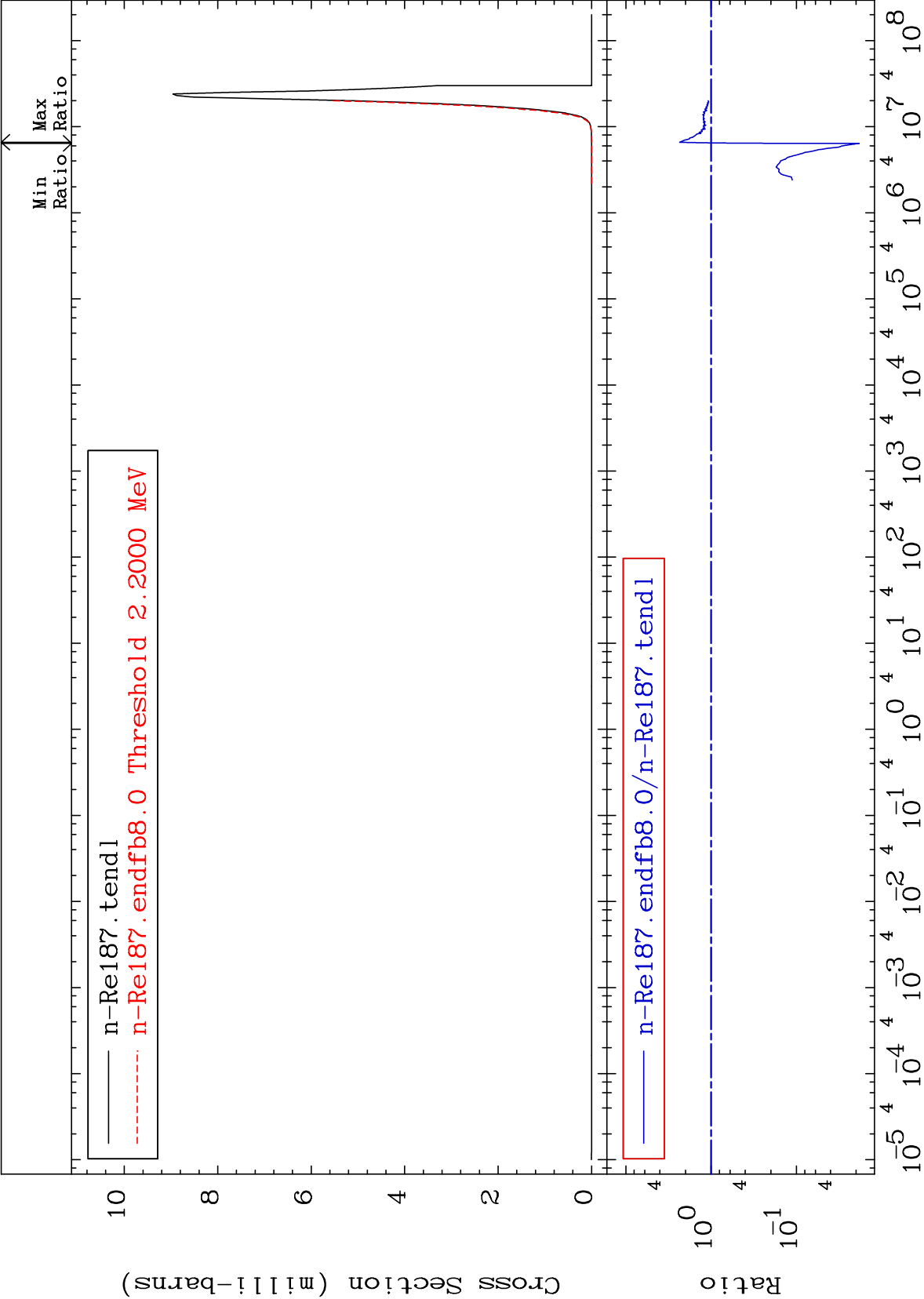
-99.24 To 401.2 %

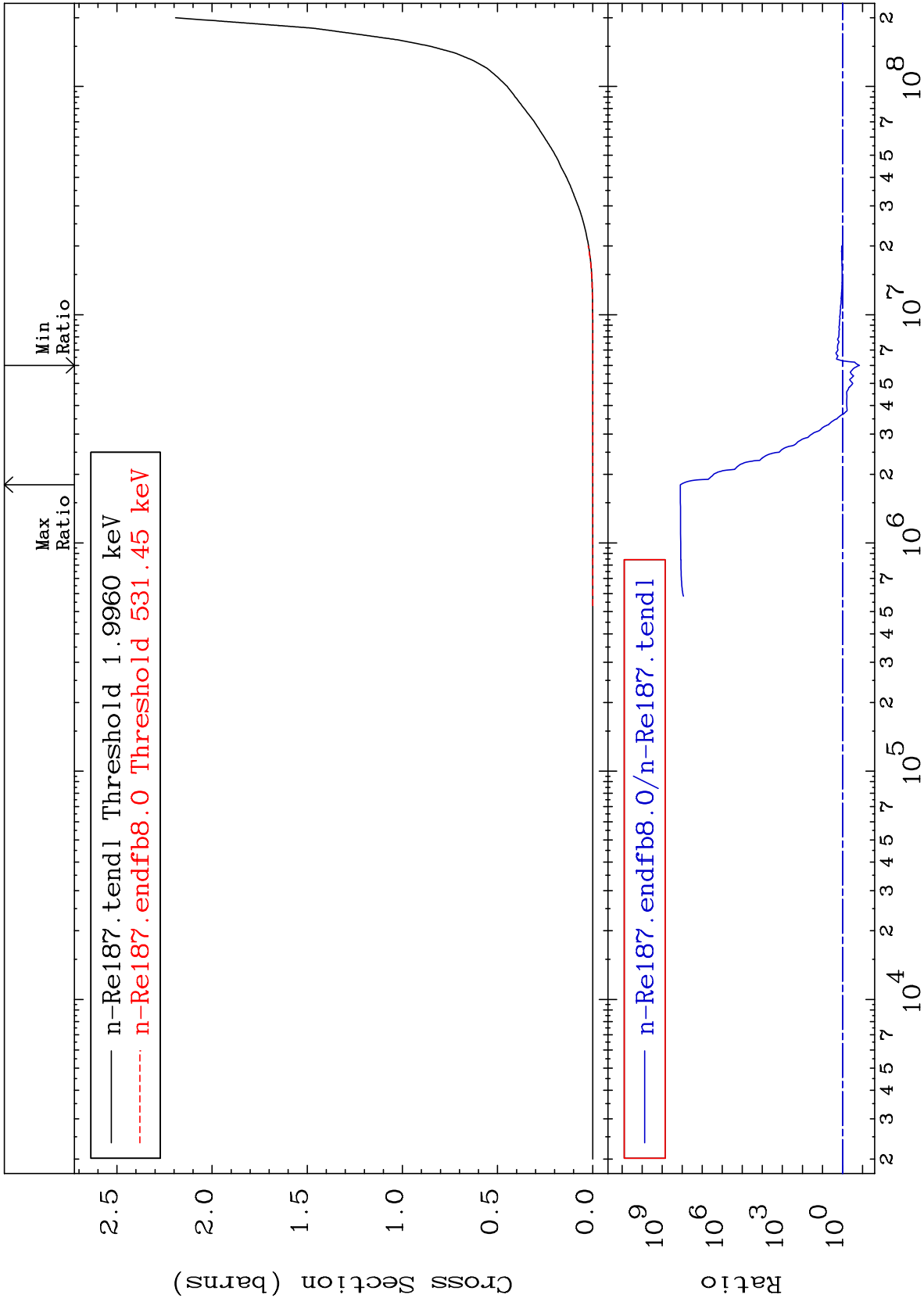


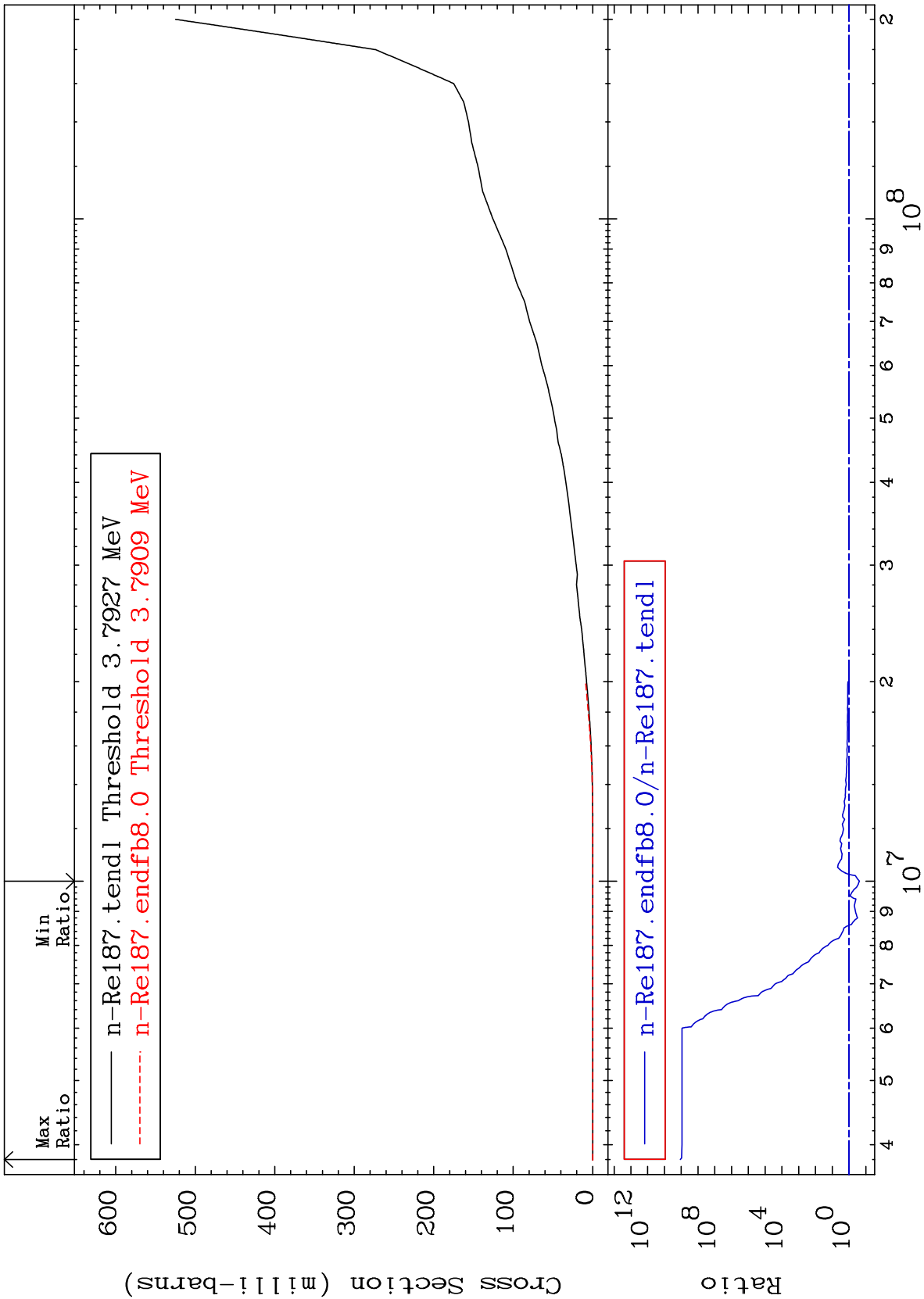


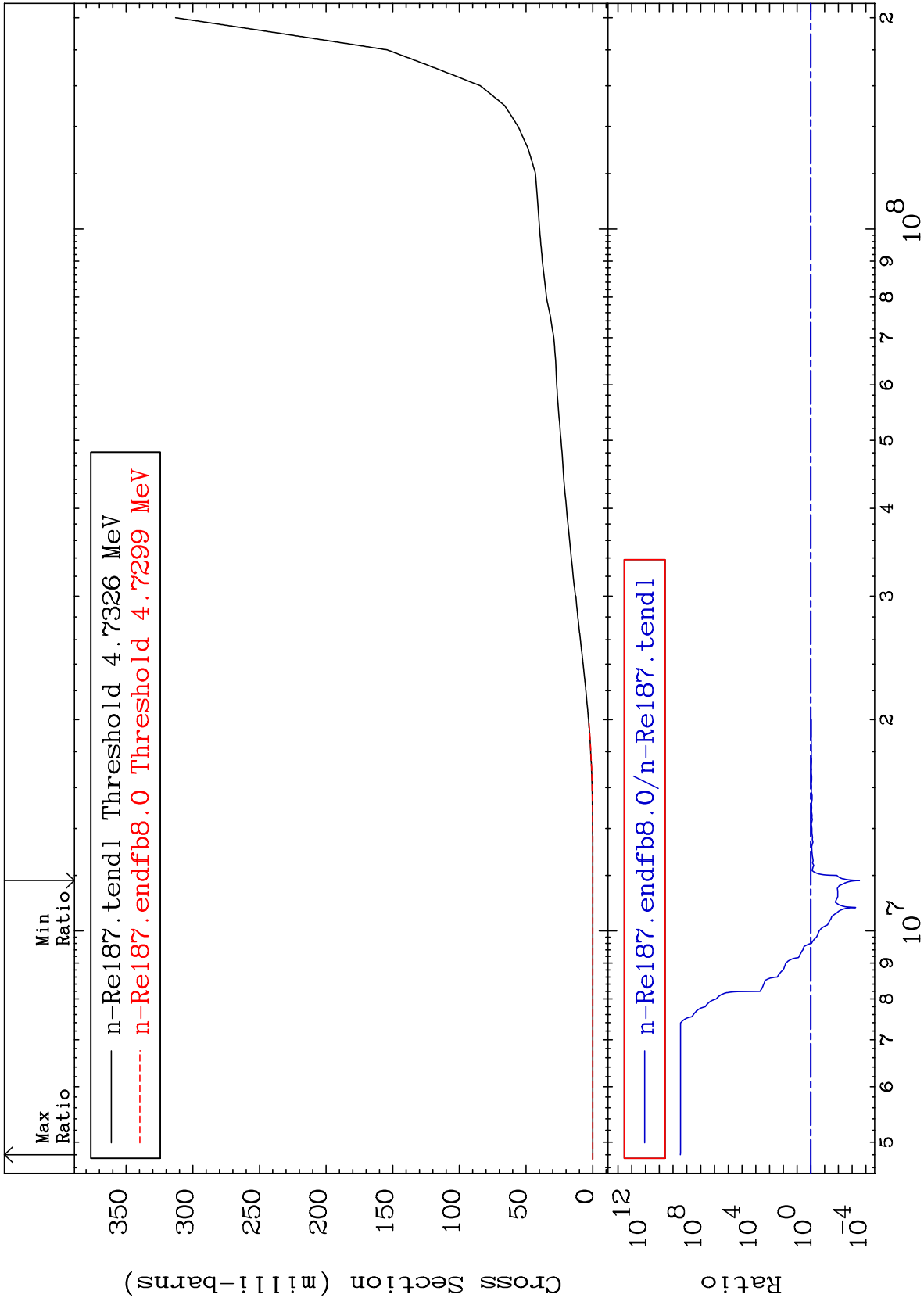








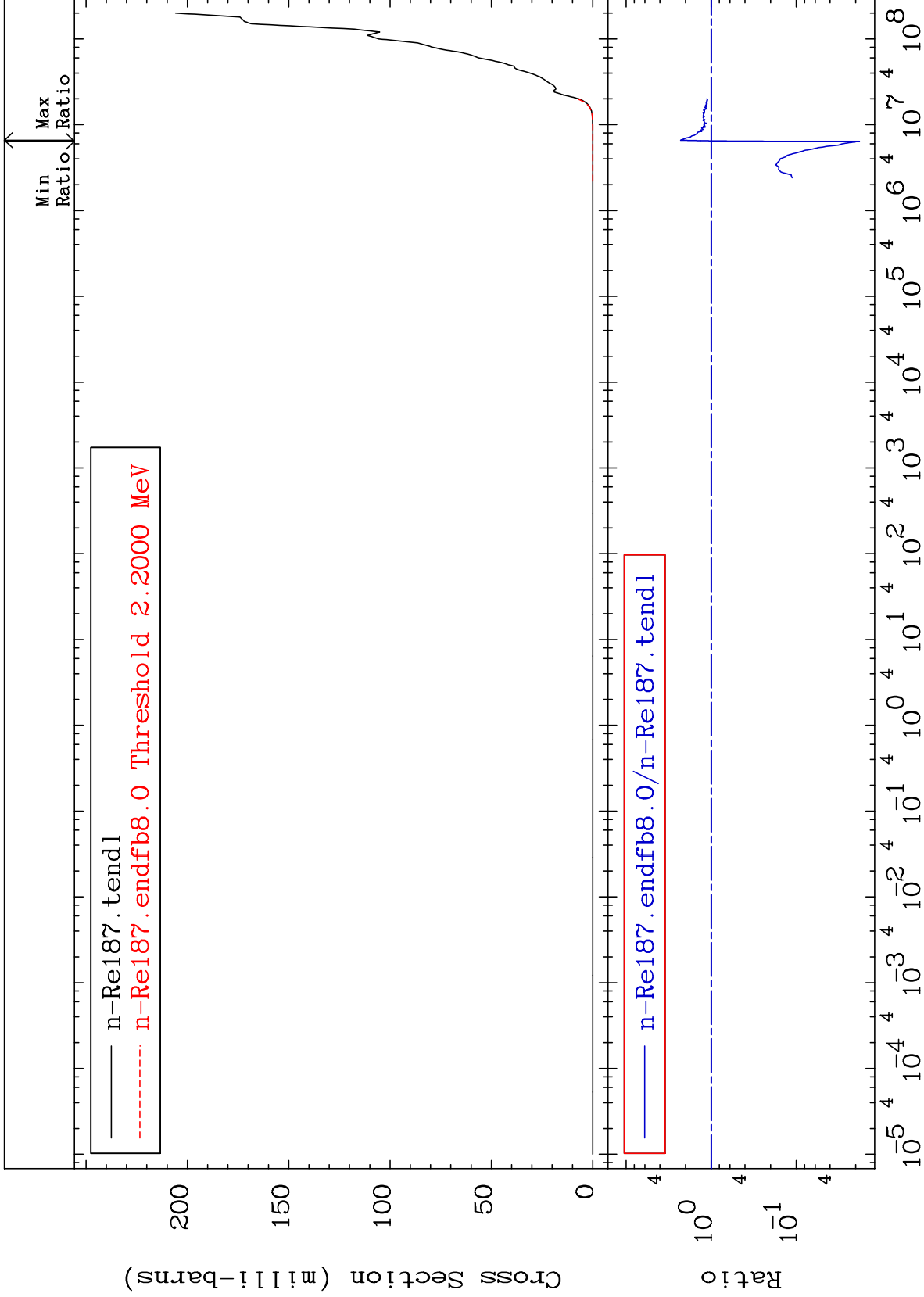




MAT 7531

He-4 Production
Cross Section

75-Re-187
-98.19 To 130.0 %



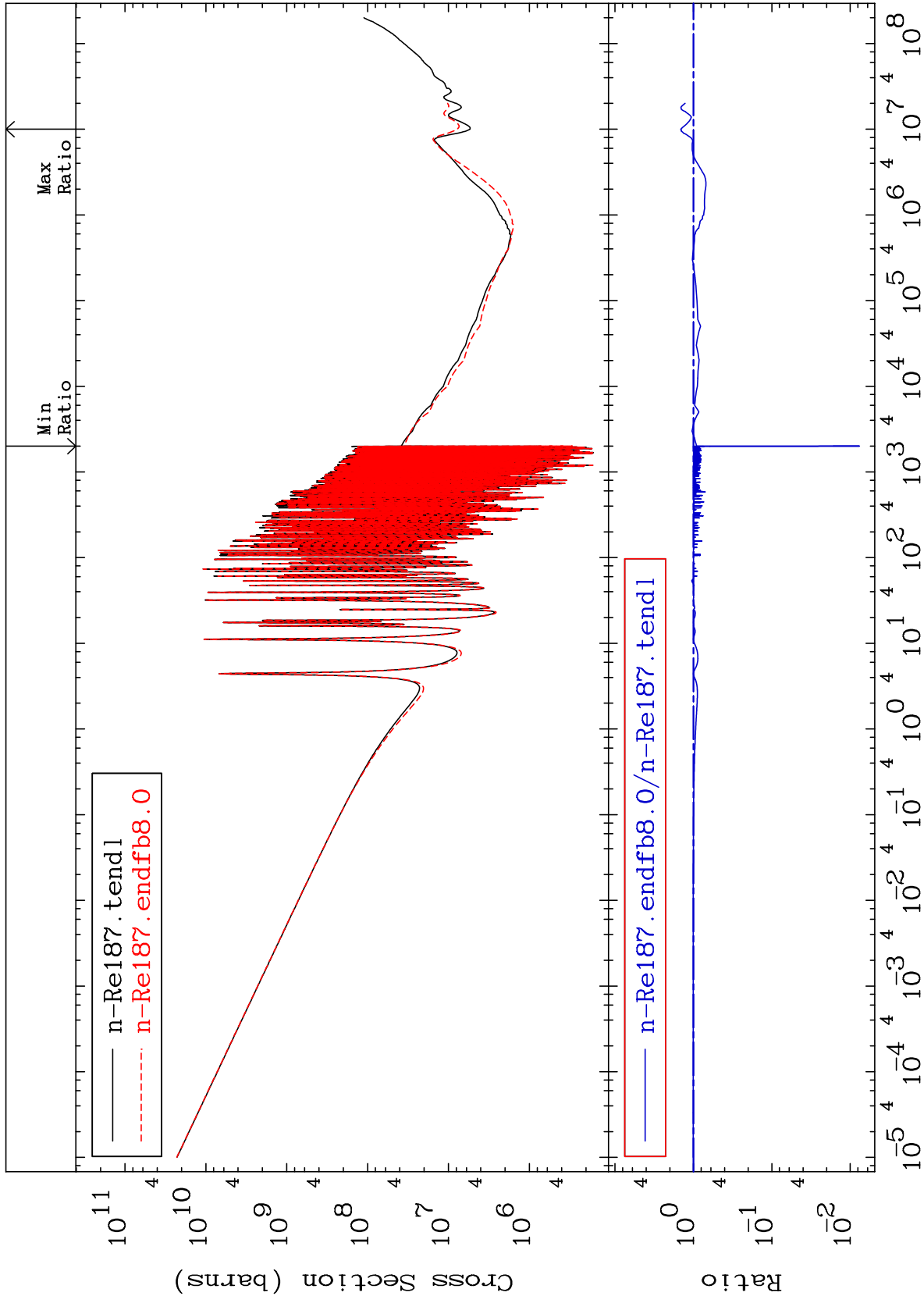
37

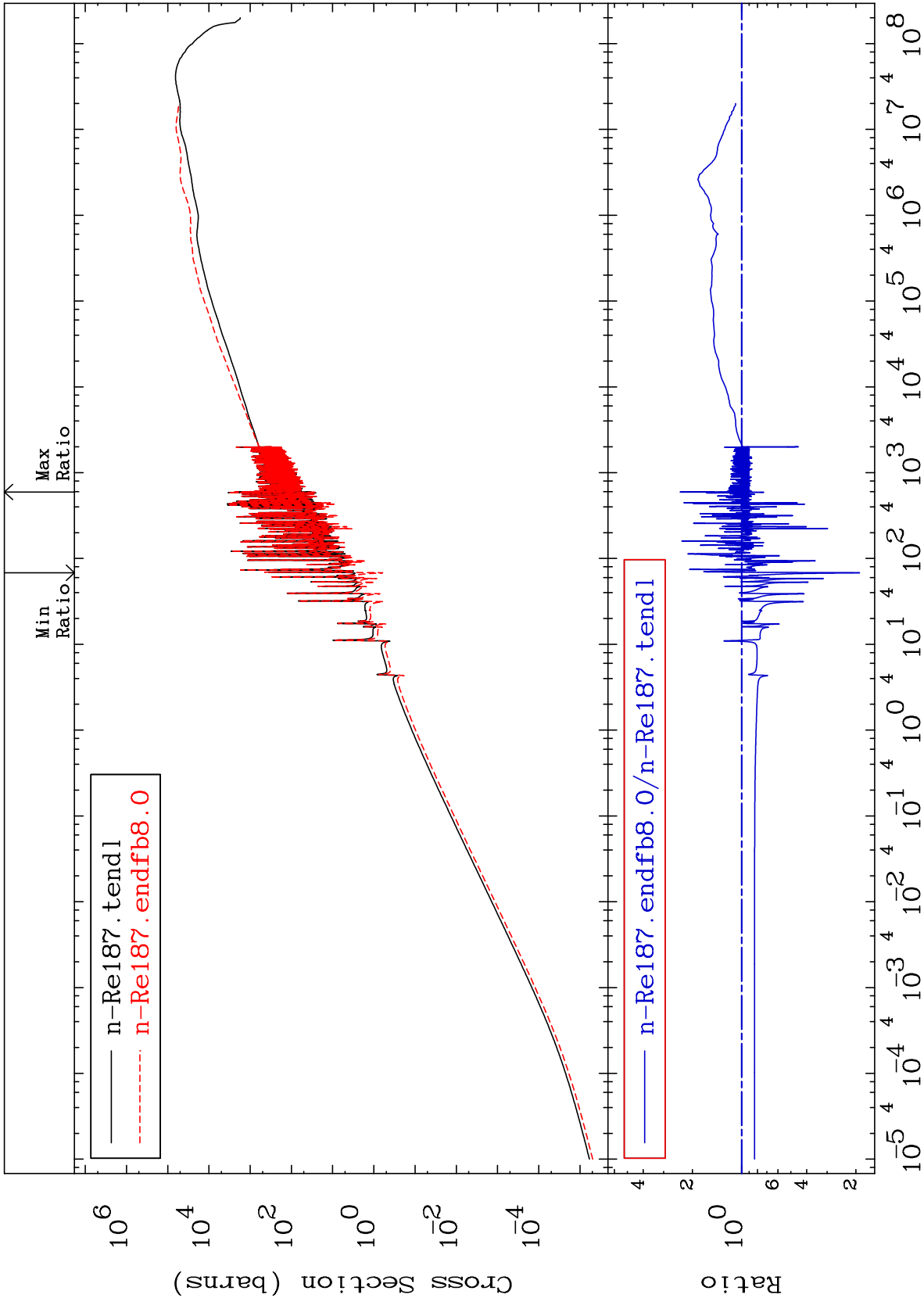
Incident Energy (eV)

75-Re-187

Cross Section

-99.24 To 45.04 %





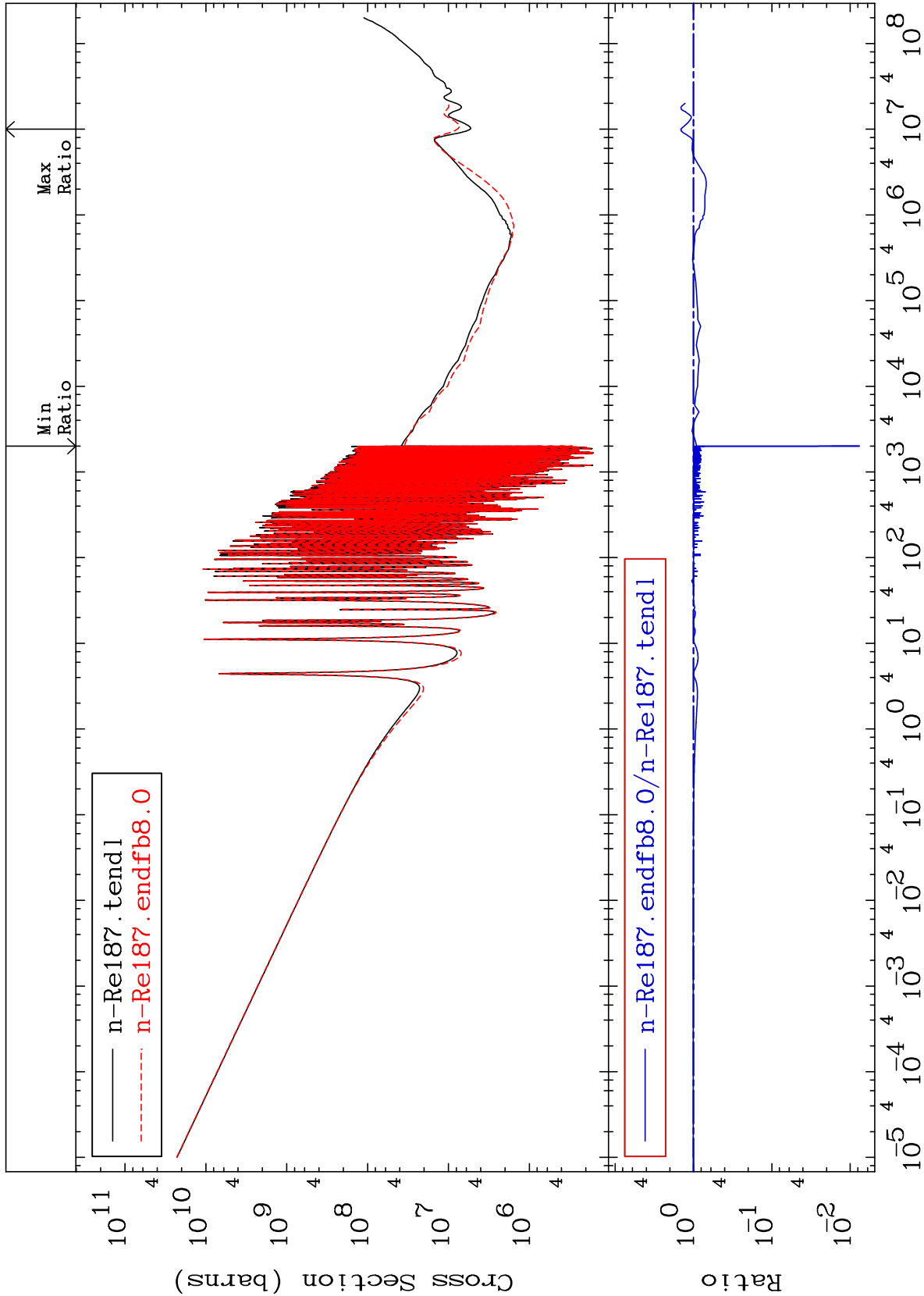
MAT 7531

Kerma non-elastic (all but mt2)

⁷⁵Re-¹⁸⁷

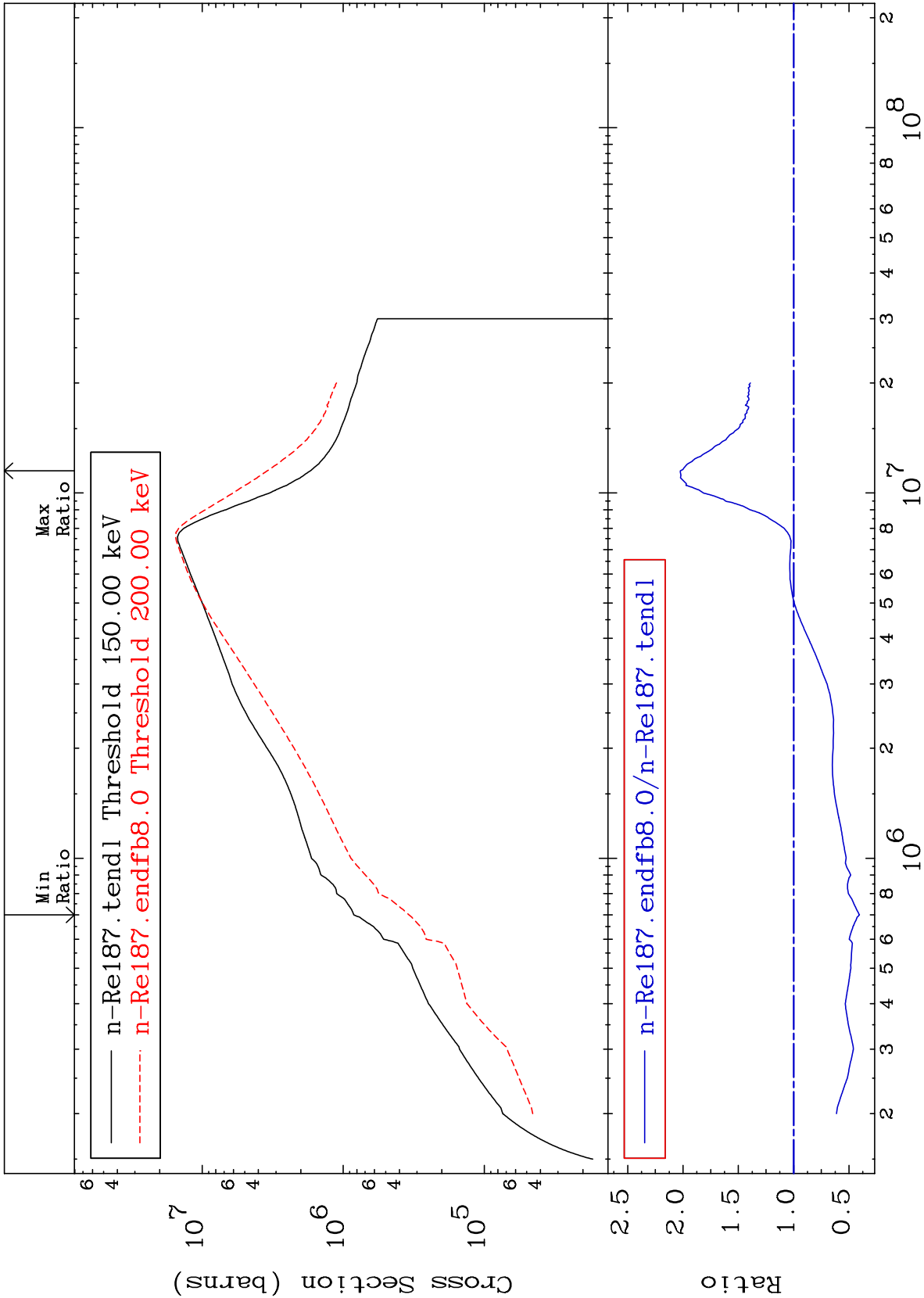
Cross Section

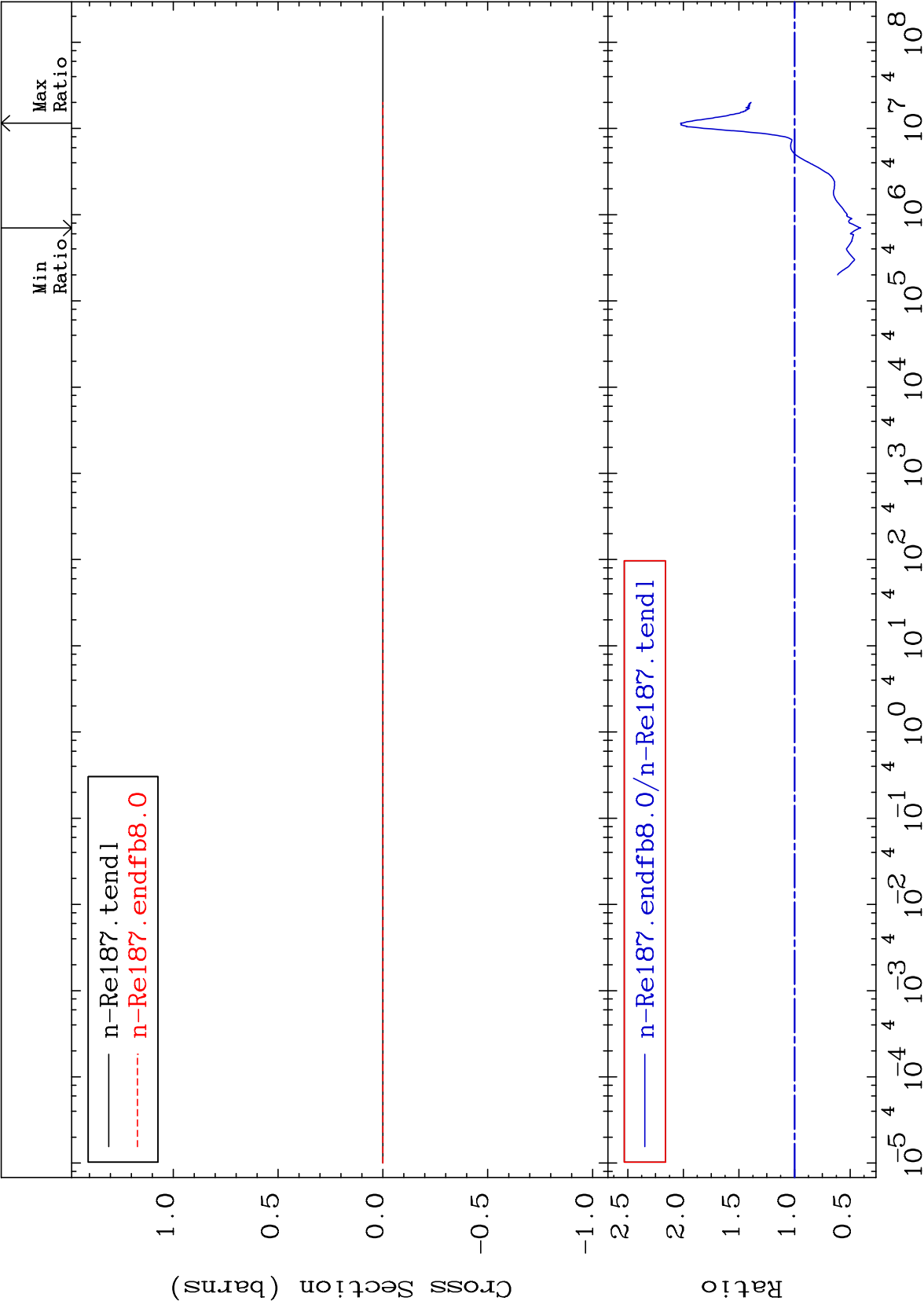
-99.24 To 45.20 %

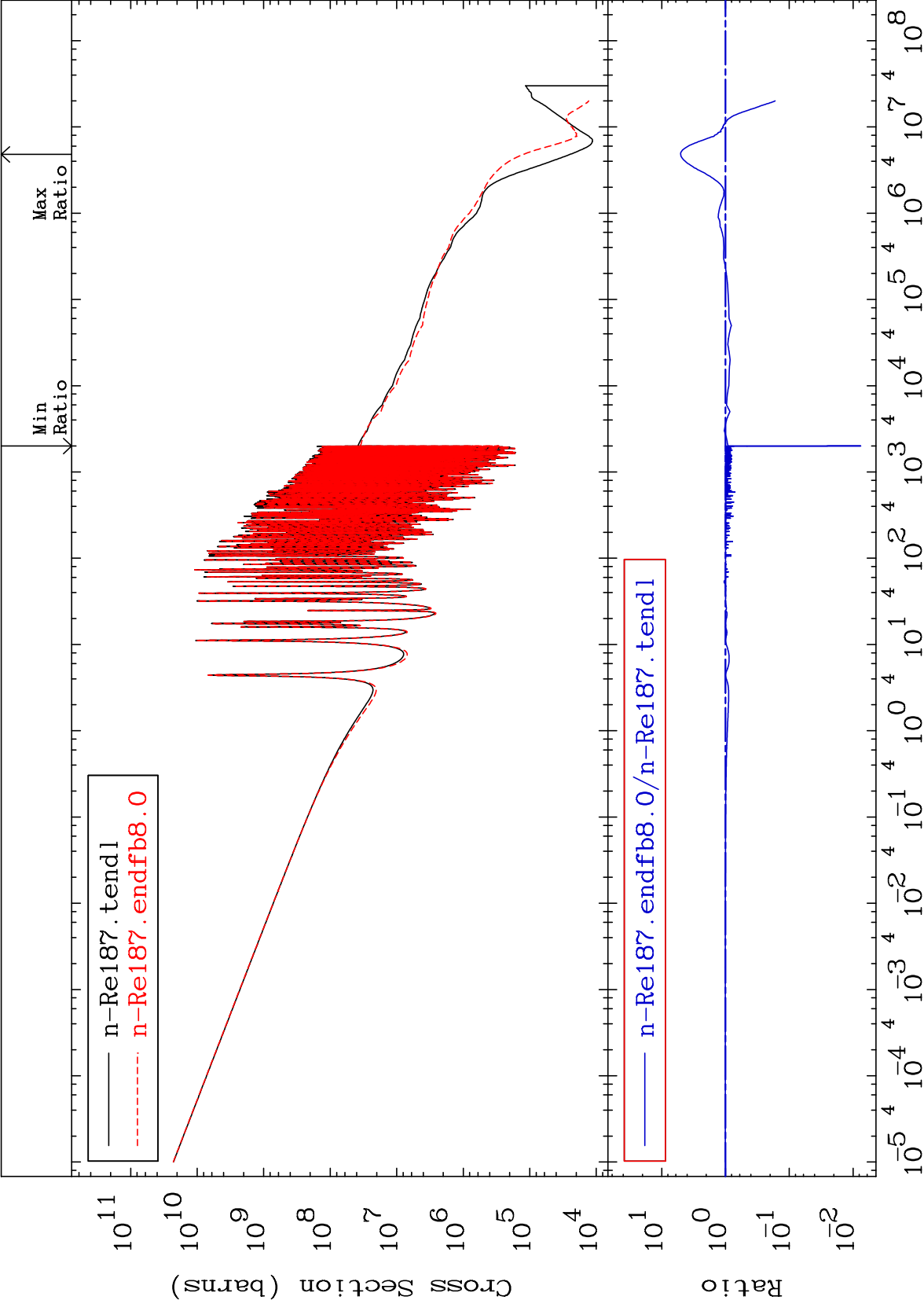


Incident Energy (eV)

⁷⁵Re-¹⁸⁷







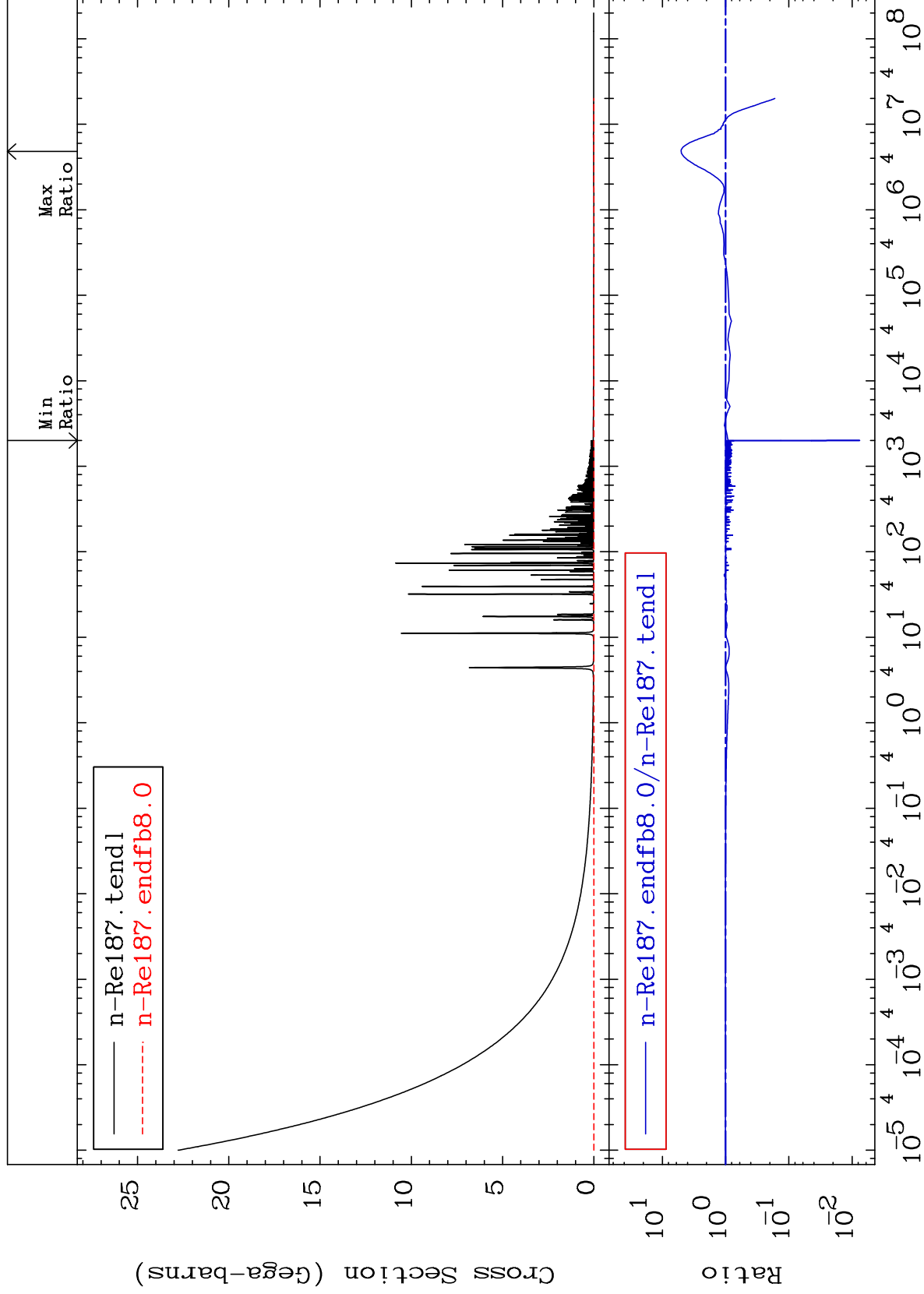
MAT 7531

Total photon (eV-barns)

⁷⁵Re-¹⁸⁷

Cross Section

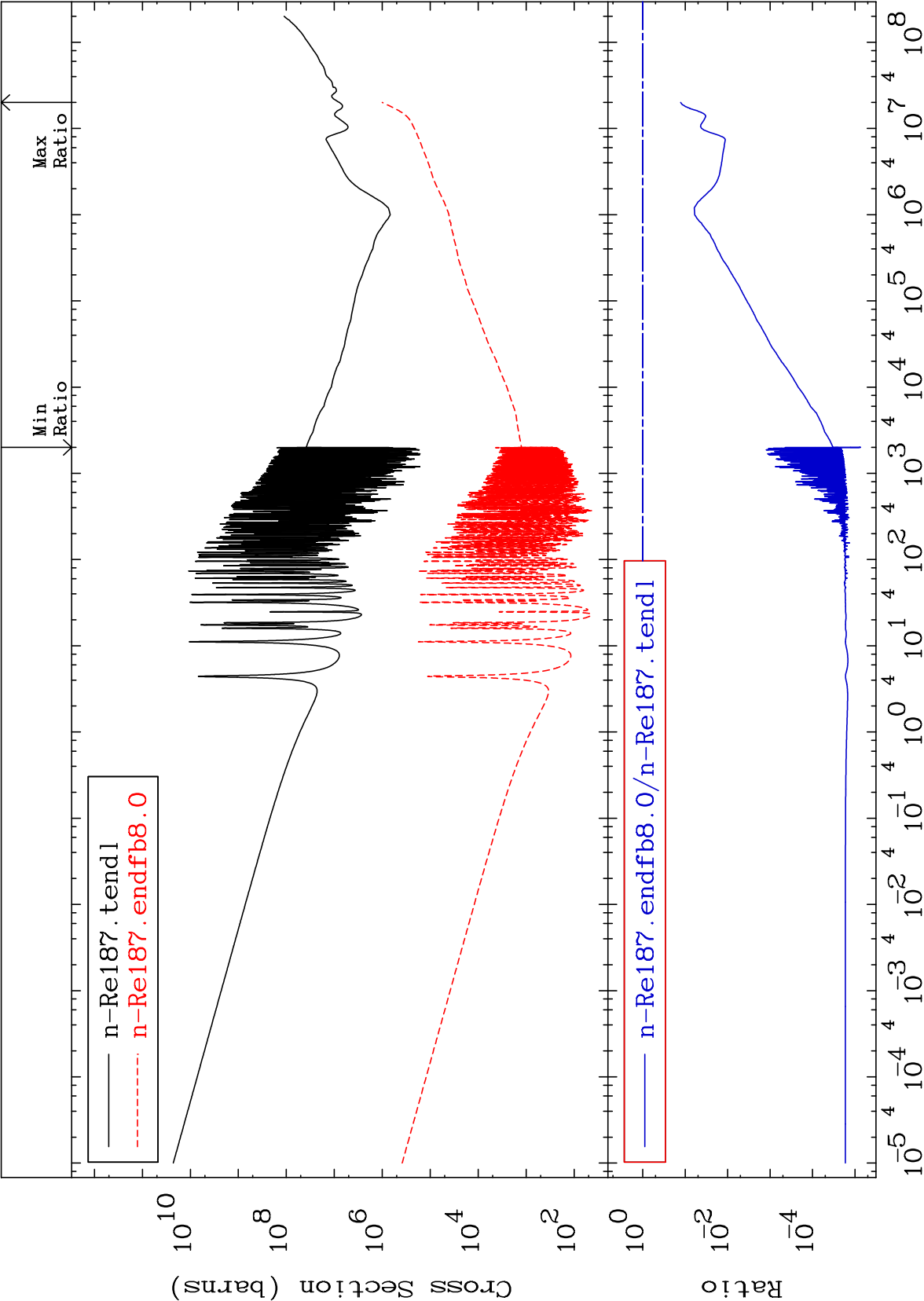
-99.24 To 403.9 %



44

Incident Energy (eV)

⁷⁵Re-¹⁸⁷



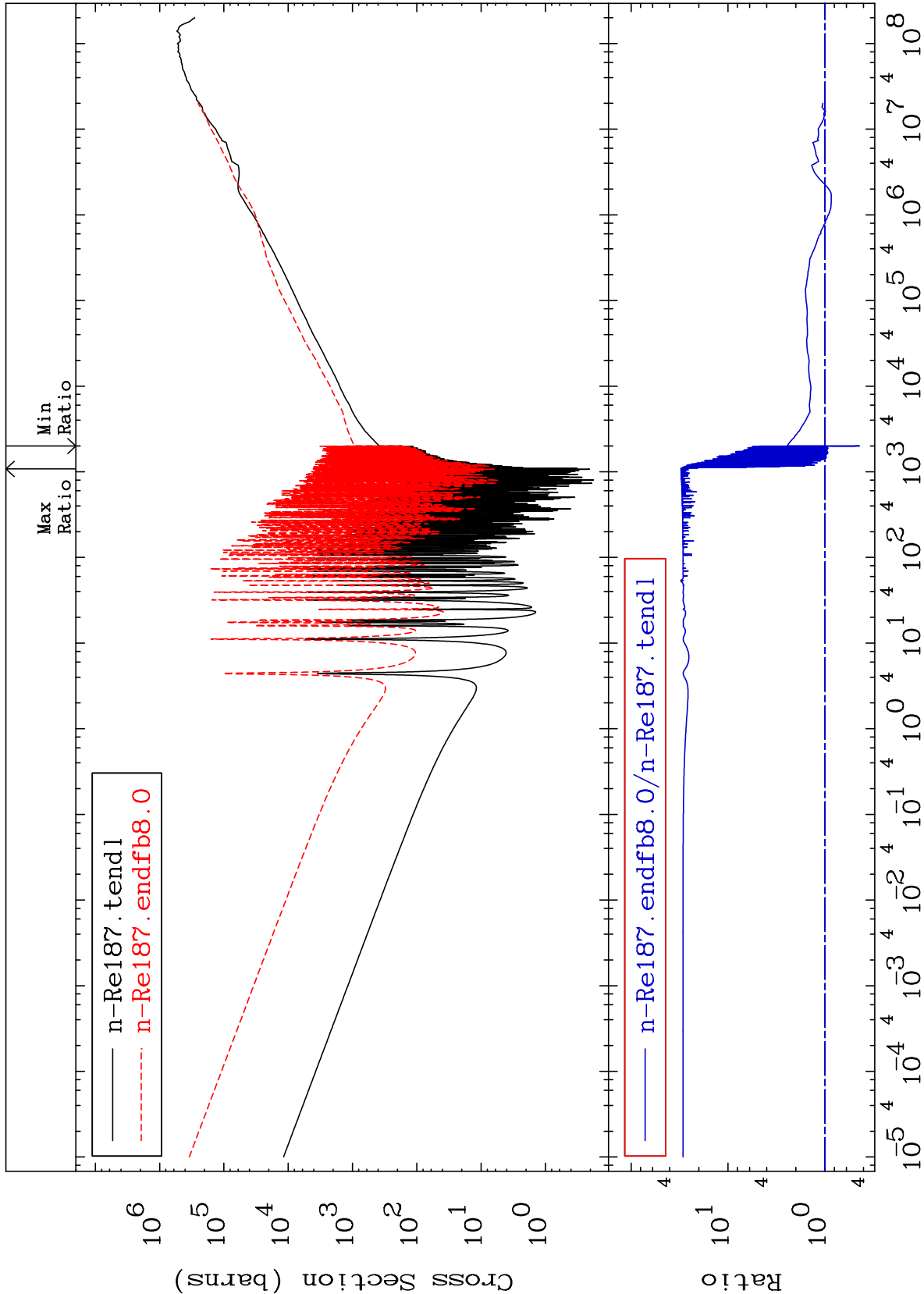
MAT 7531

Dpa total (eV-barns)

⁷⁵Re-187

-55.99 To 2974. %

Cross Section



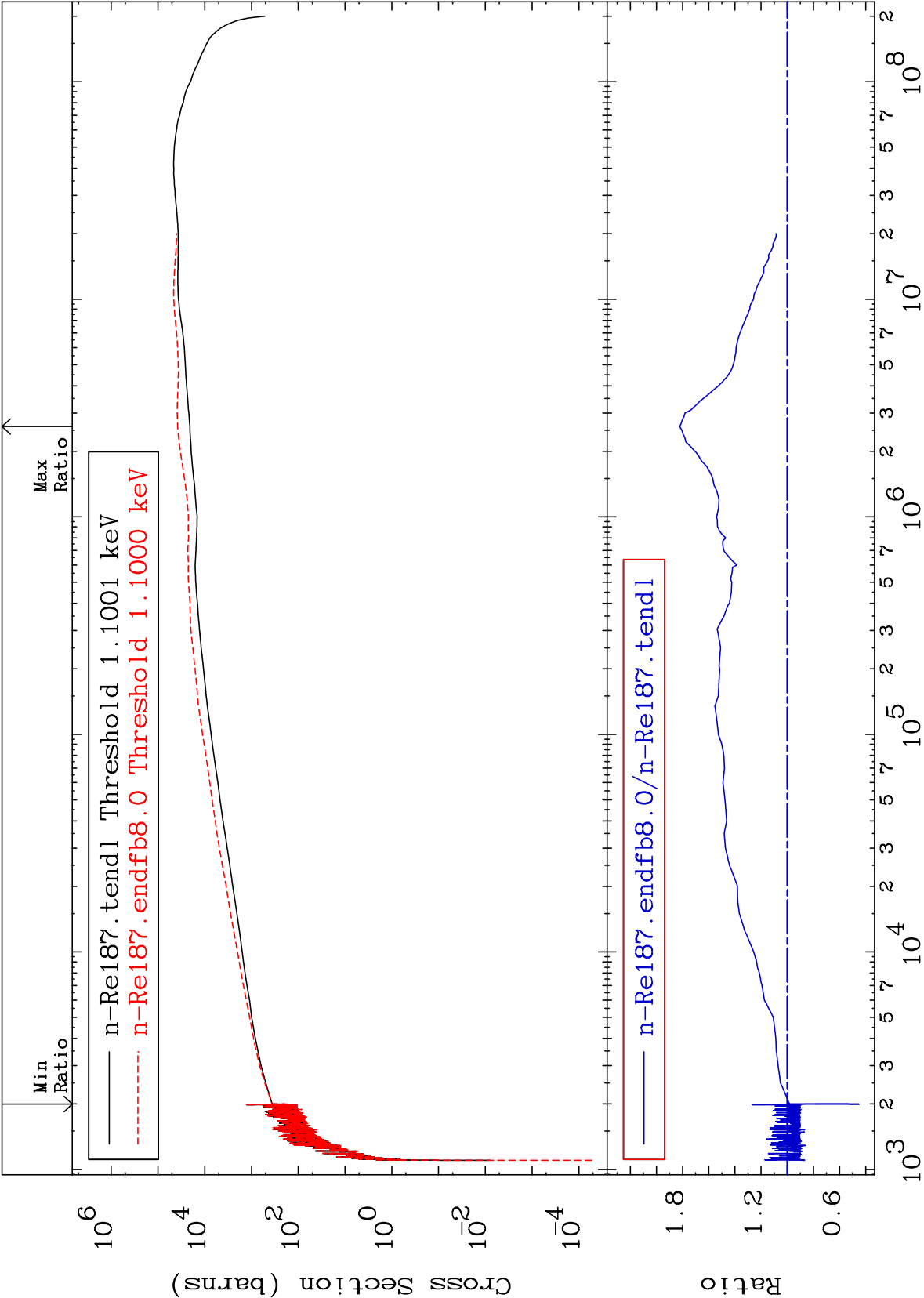
MAT 7531

Dpa elastic (mt2)

⁷⁵Re-187

Cross Section

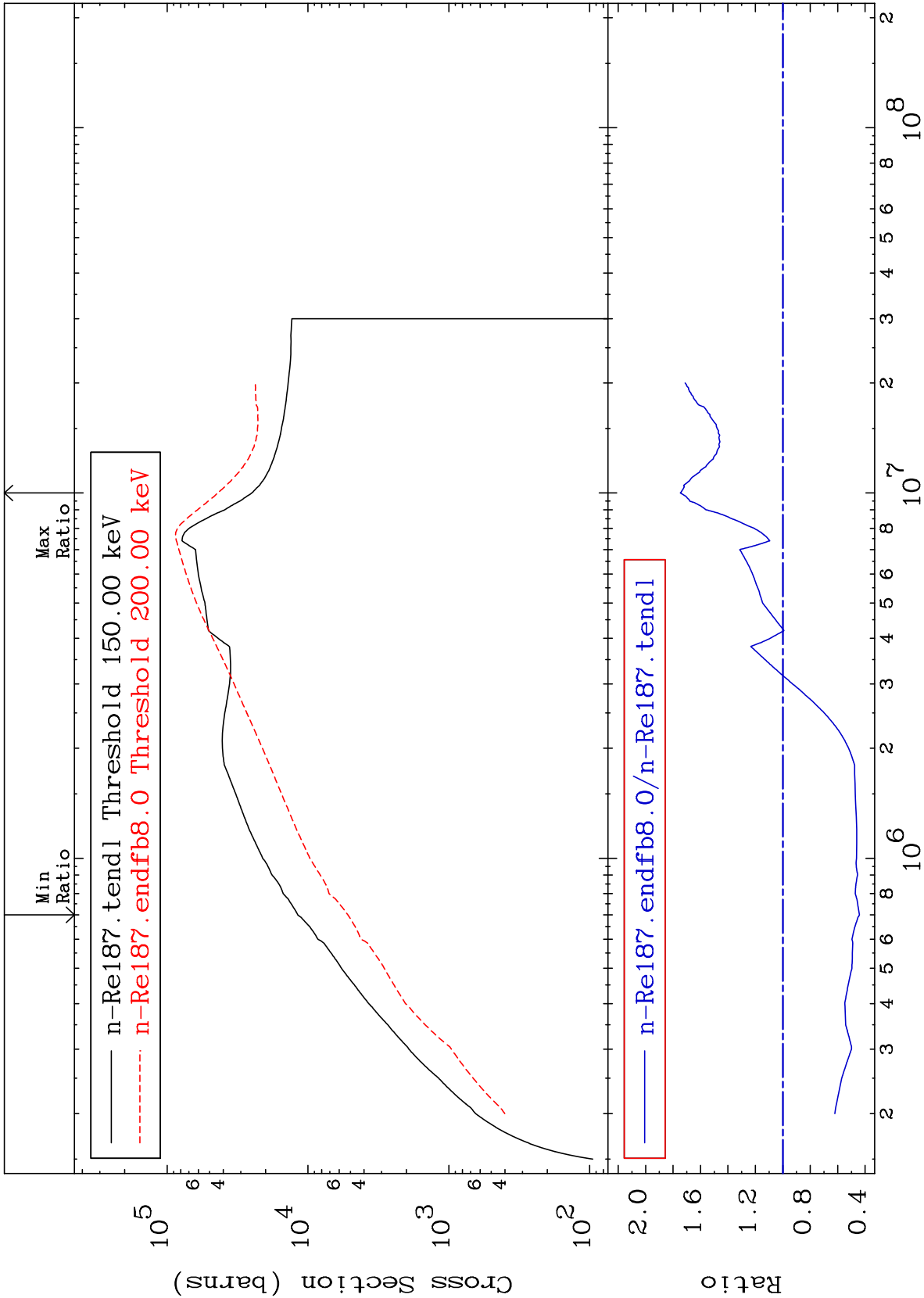
-55.04 To 82.19 %



47

Incident Energy (eV)

⁷⁵Re-187



Cross Section

-75.56 To 9999. %

