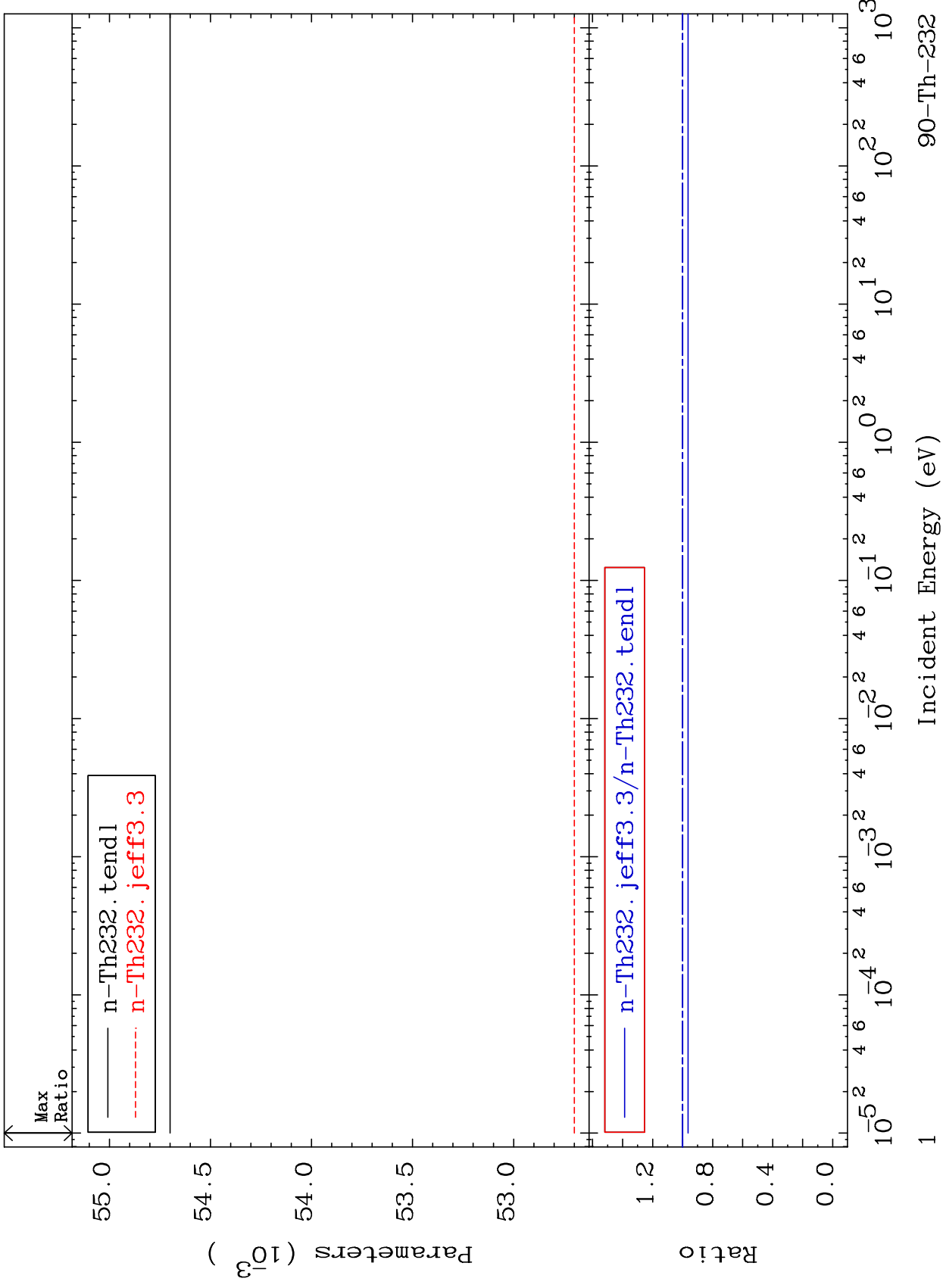


MAT 9040

Delayed $\bar{\nu}$
Parameters

90-Th-232
-3.656 To -3.656%



90-Th-232

Incident Energy (eV)

MAT 9040

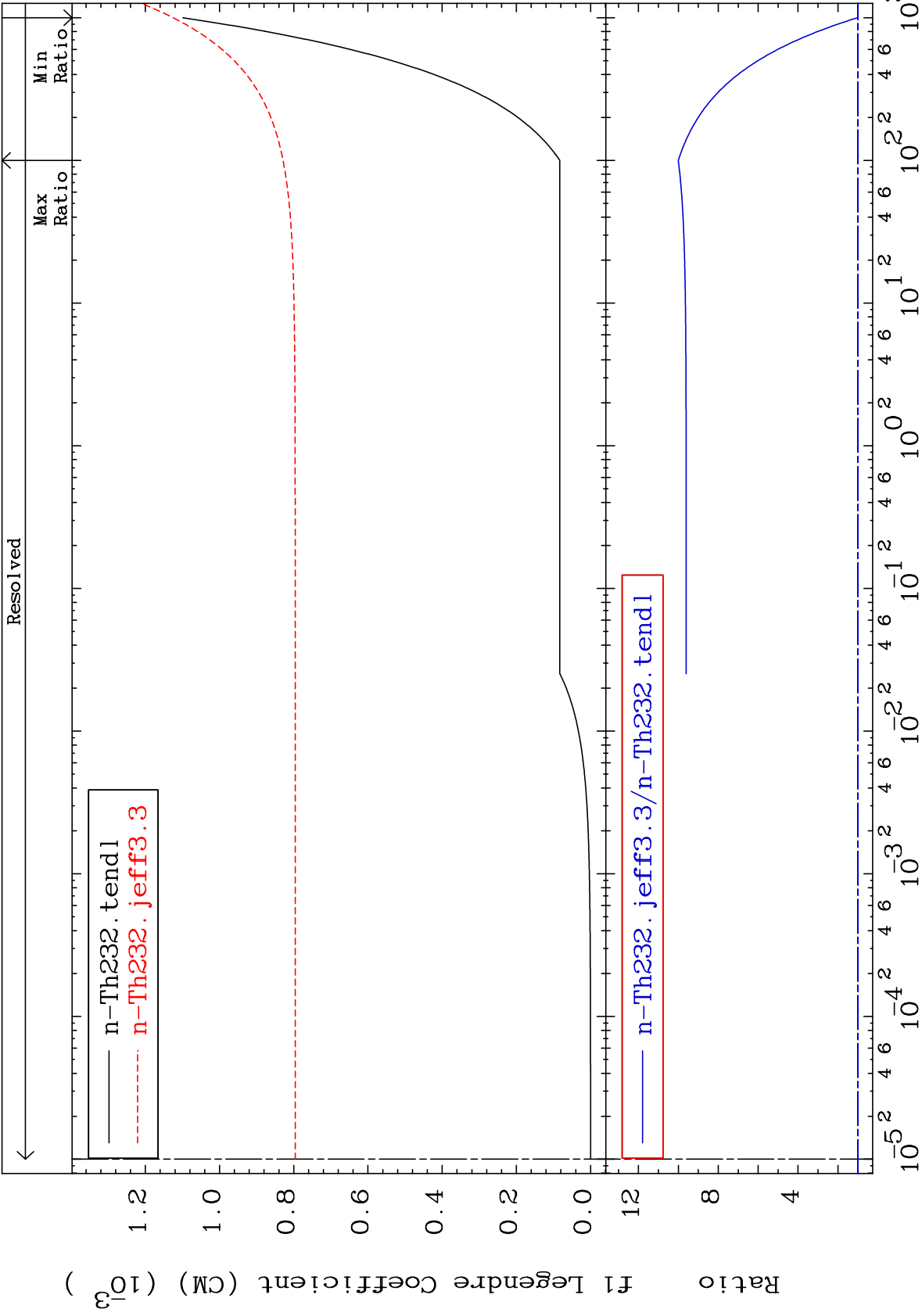
Elastic

90-Th-232

f1 Legendre Coefficient (CM)

2.342

To 900.5 %



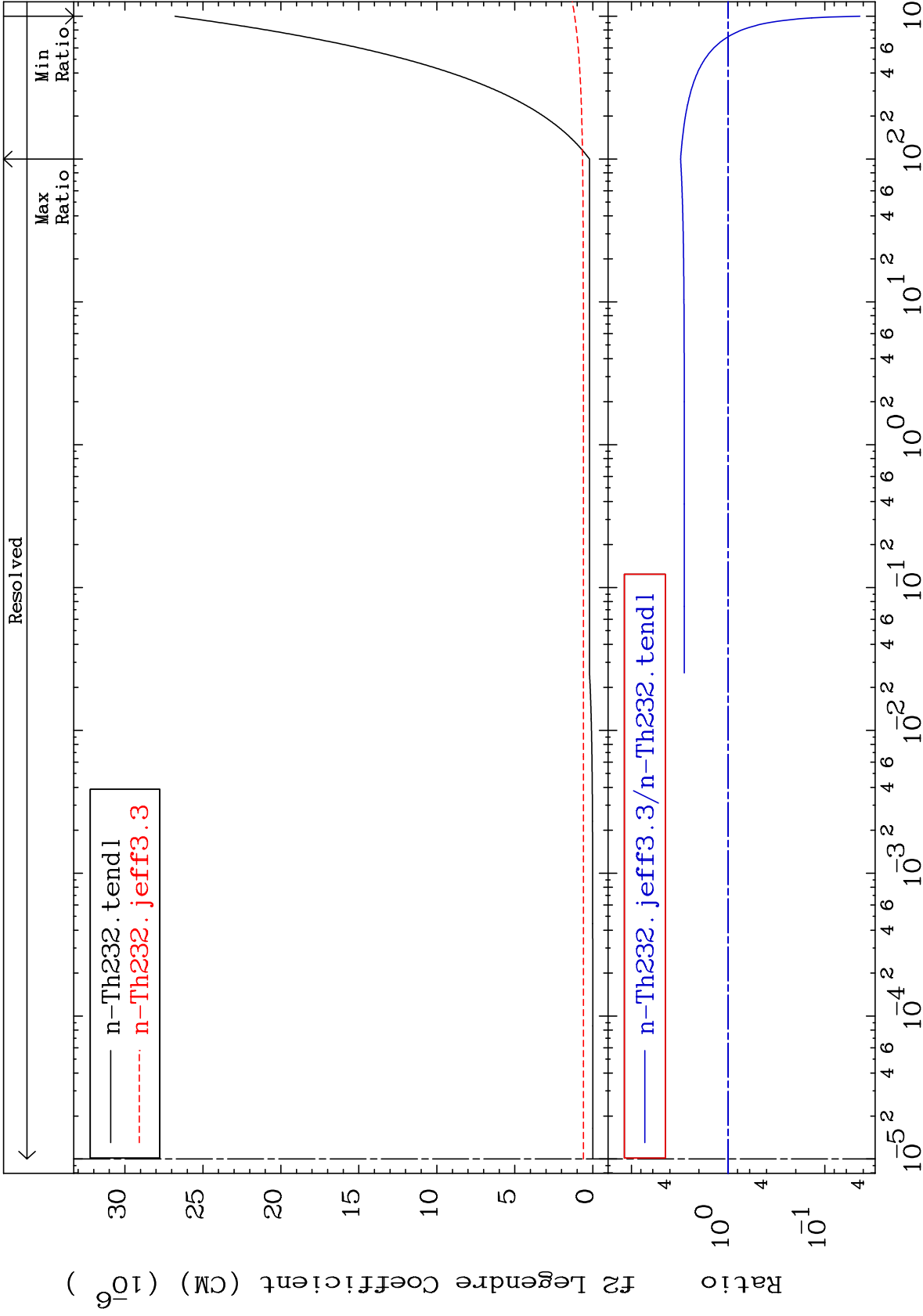
MAT 9040

Elastic

90-Th-232

f2 Legendre Coefficient (CM)

-95.66 To 210.2 %



Incident Energy (eV)

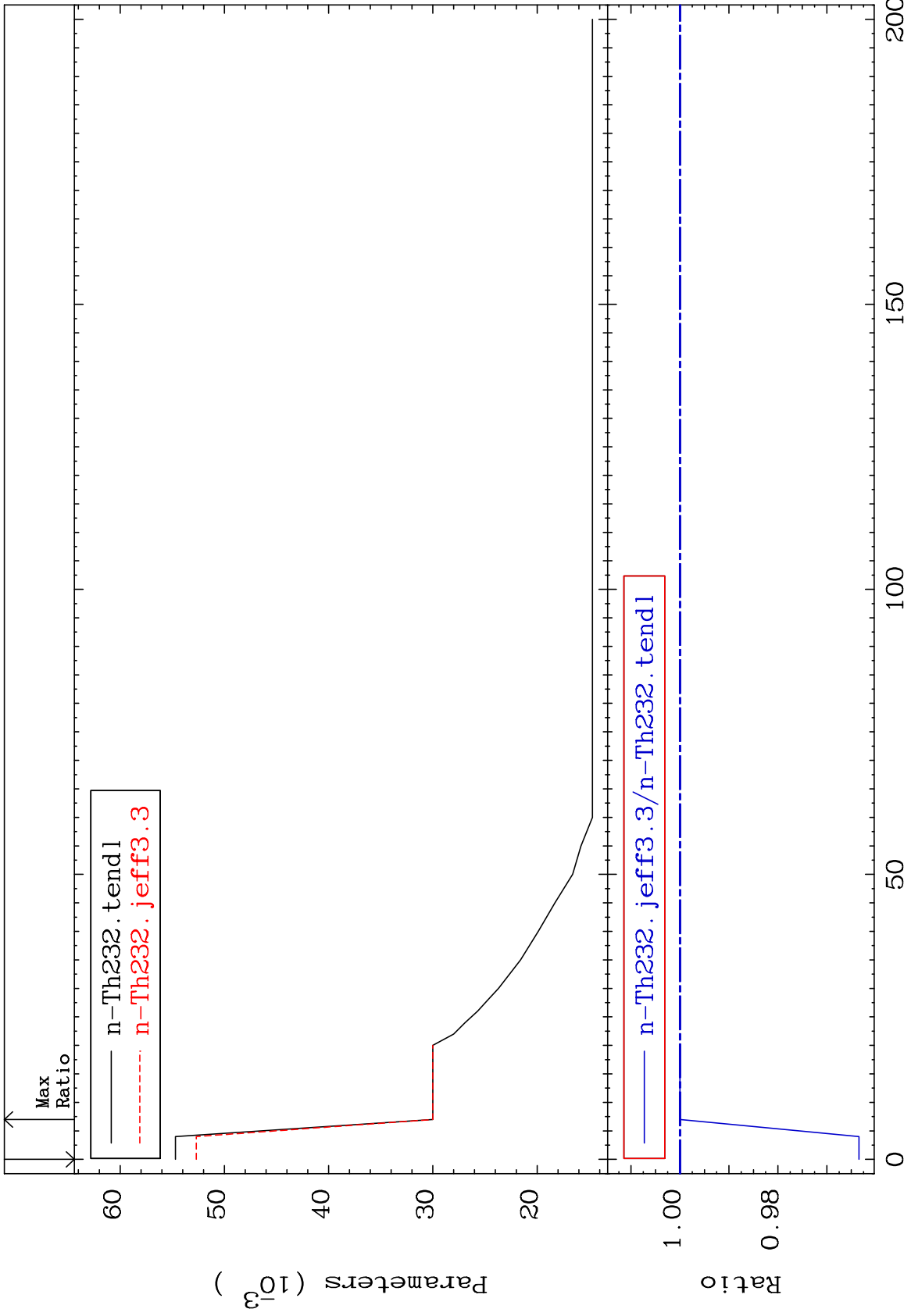
90-Th-232

3

MAT 9040

Delayed $\bar{\nu}$
Parameters

90-Th-232
-3.656 To 0.000 %



Incident Energy (MeV)

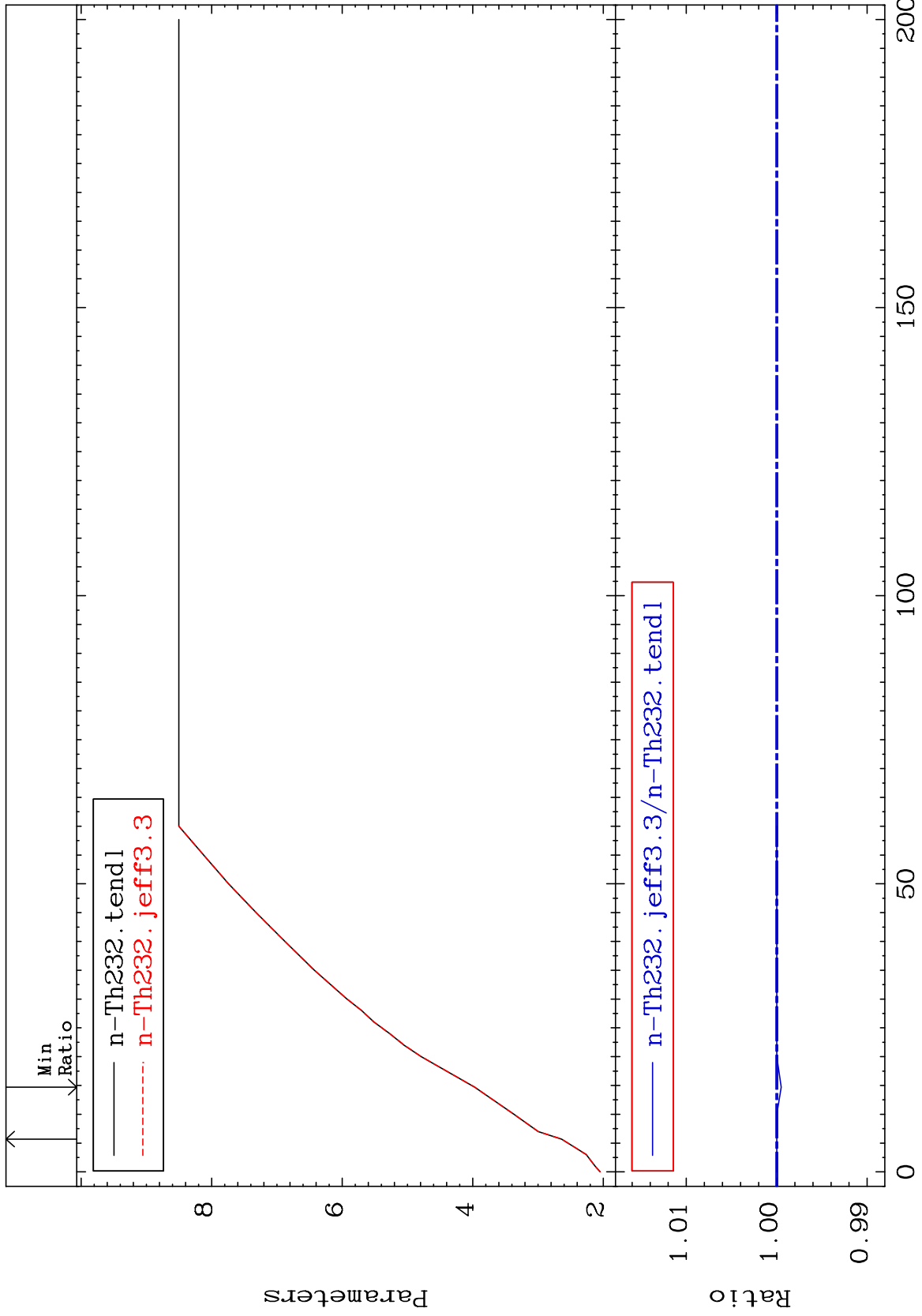
90-Th-232

1

MAT 9040

Prompt $\bar{\nu}$
Parameters

90-Th-232
-0.050 To 0.000 %



2

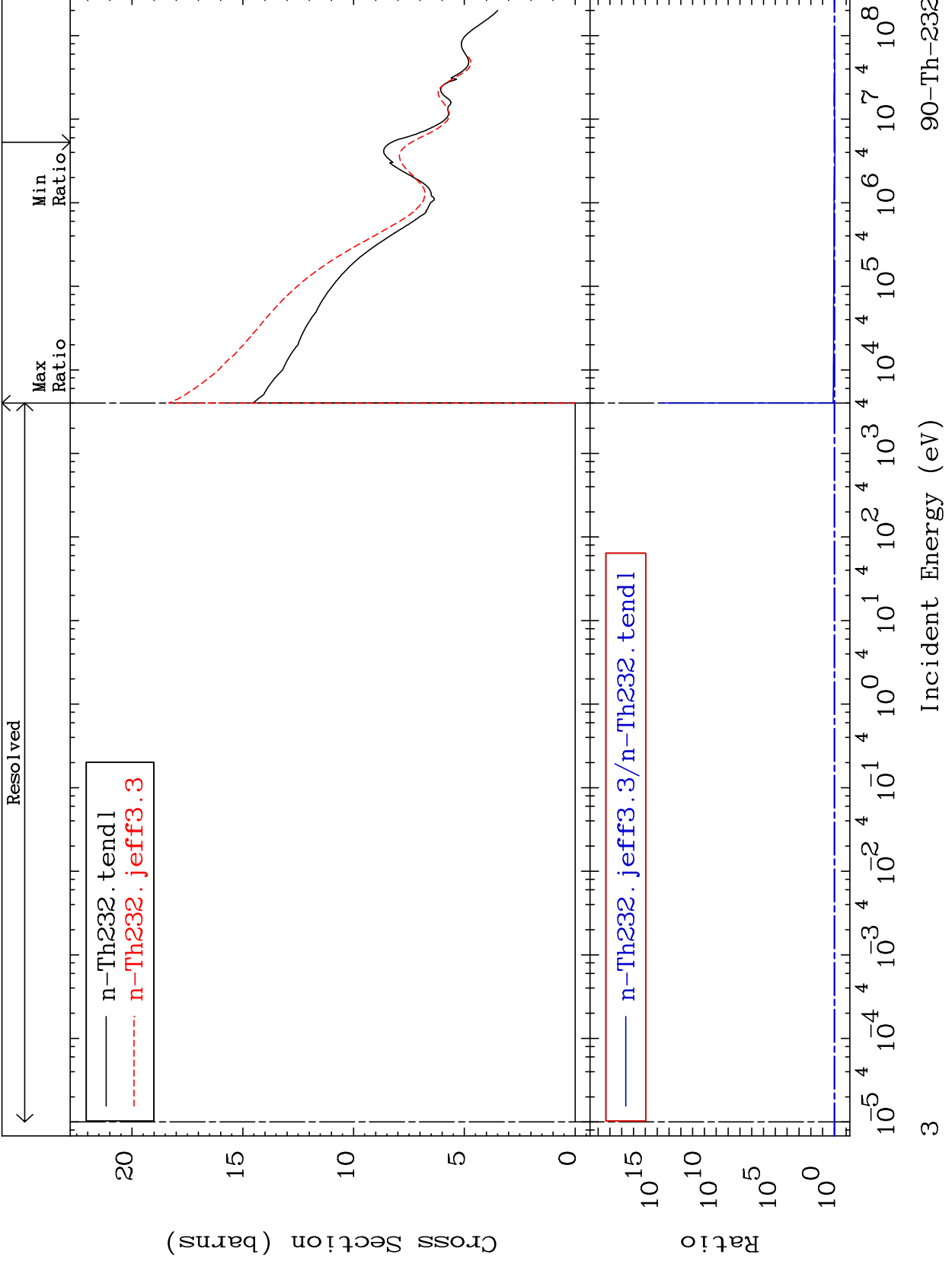
Incident Energy (MeV)

90-Th-232

MAT 9040

Total
Cross Section

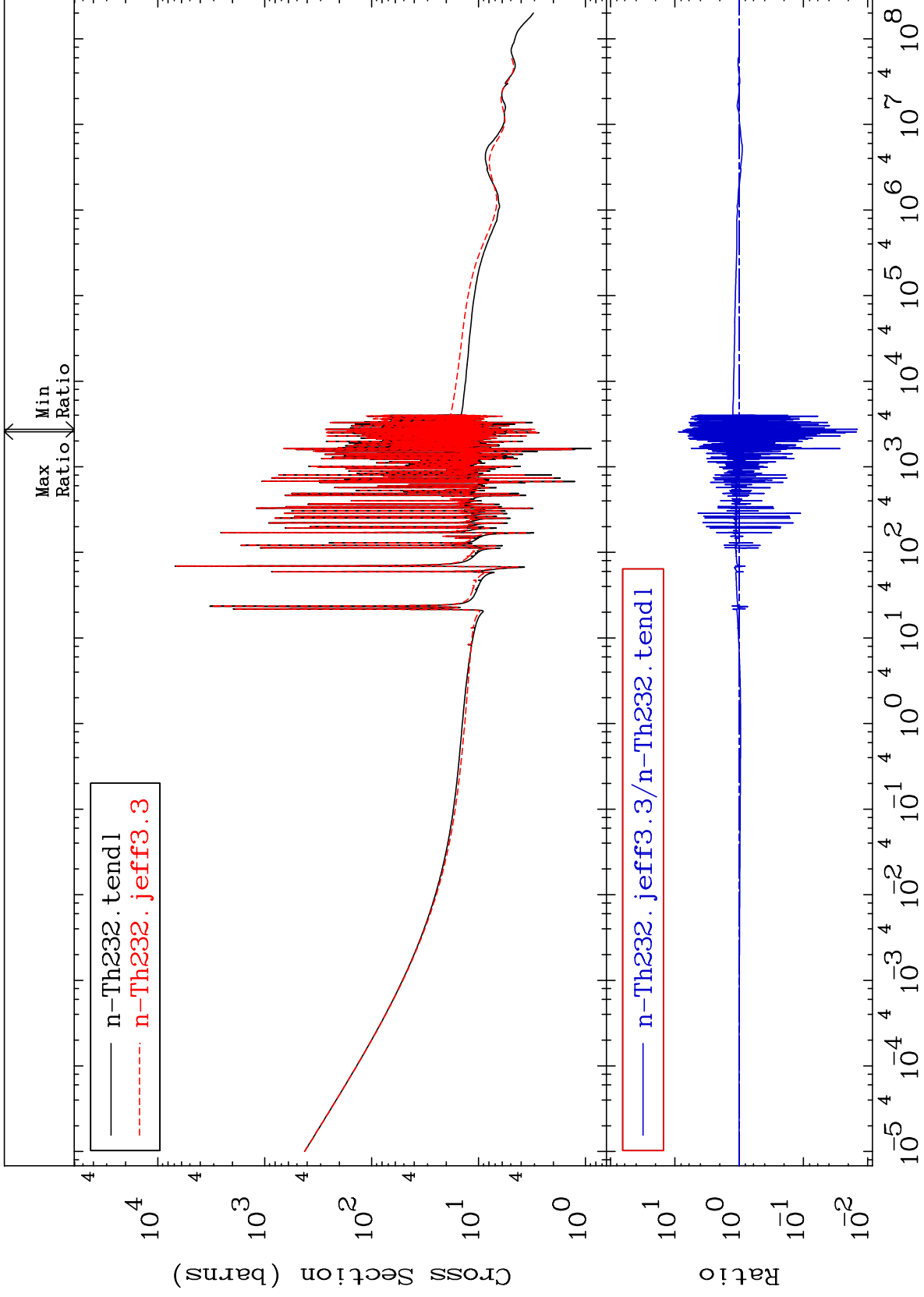
90-Th-232
-10.79 To 9999. %



MAT 9040

Total
Cross Section

90-Th-232
-98.54 To 772.0 %



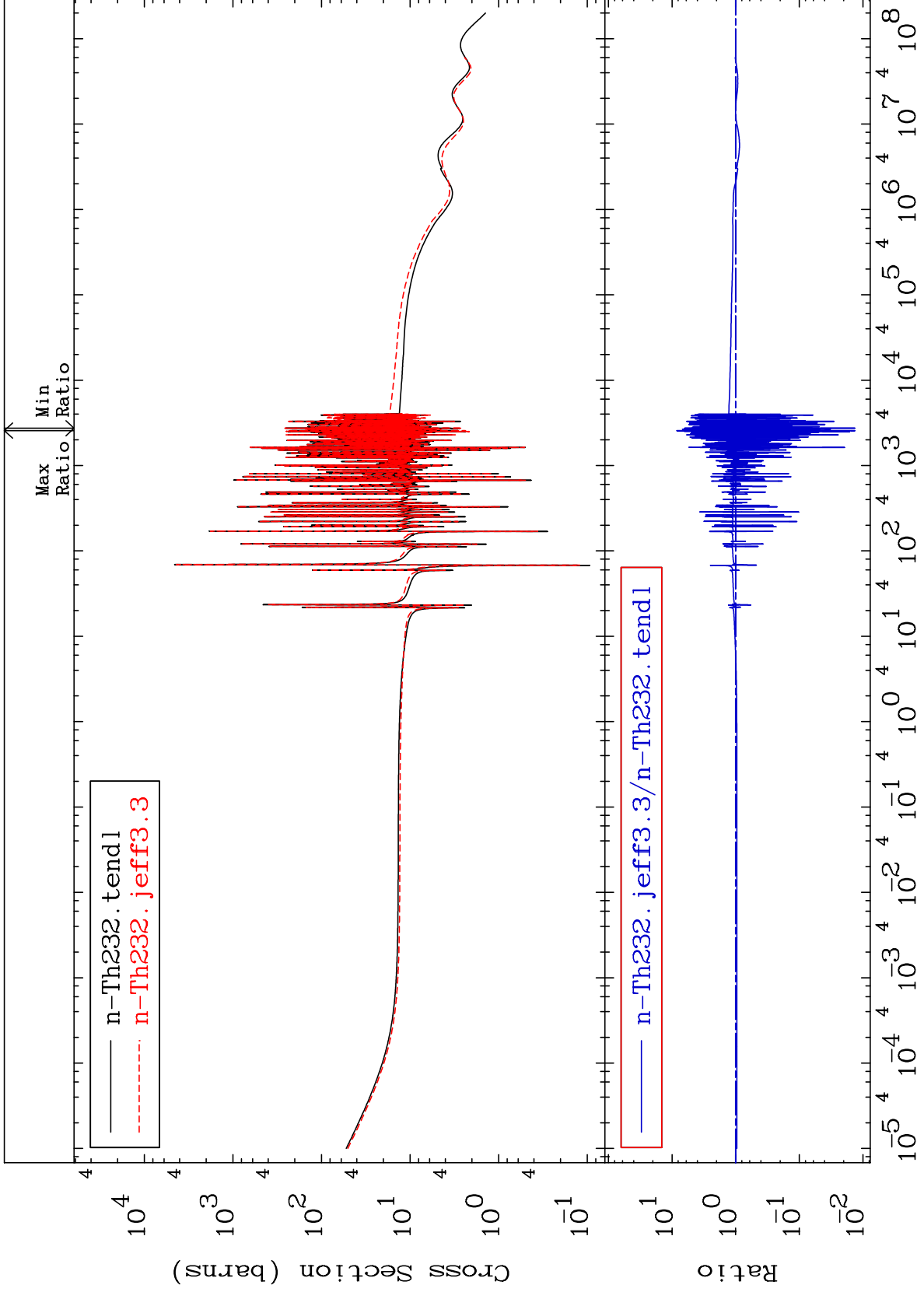
Incident Energy (eV)

90-Th-232

MAT 9040

Elastic
Cross Section

90-Th-232
-98.67 To 738.1 %



2

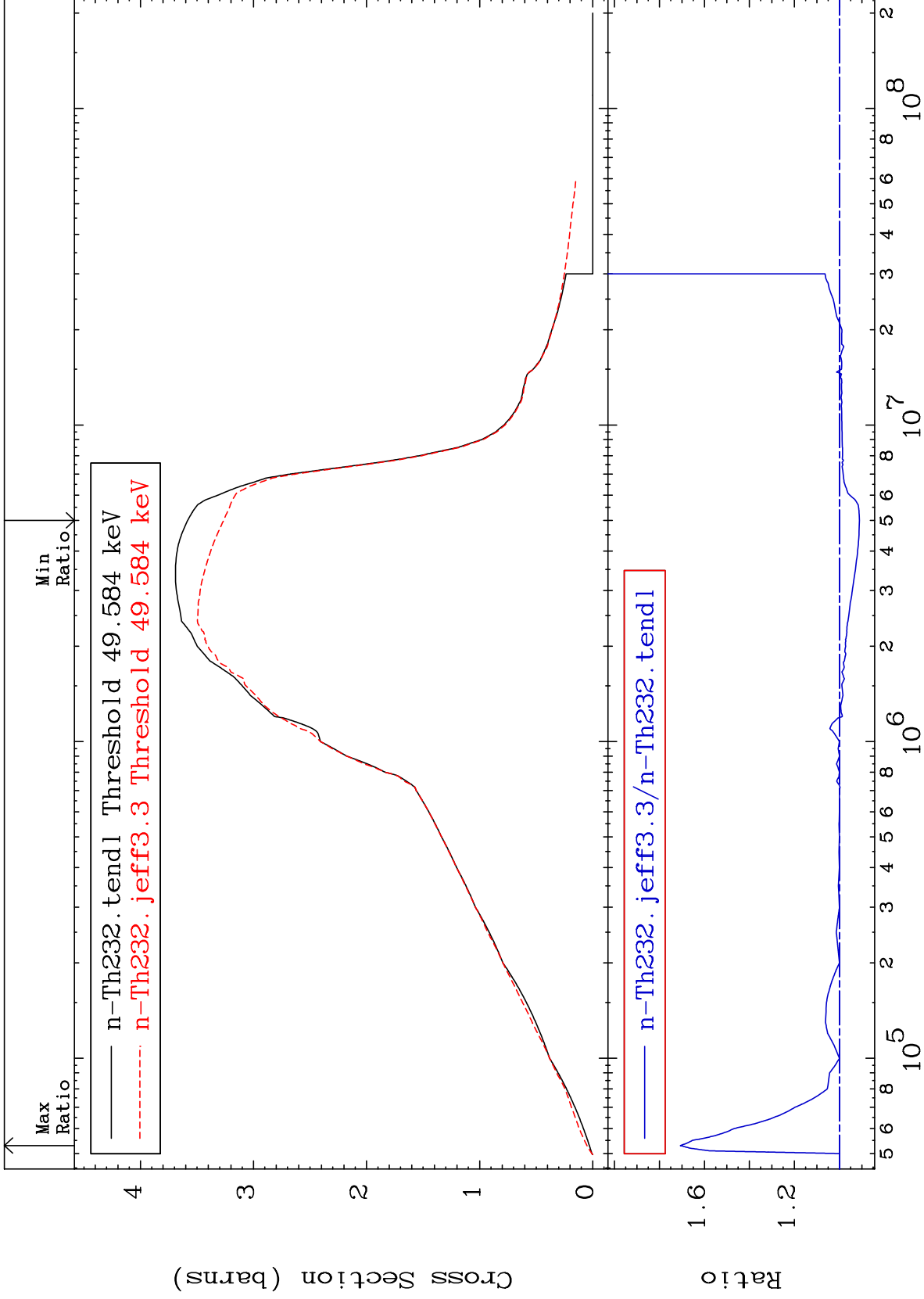
Incident Energy (eV)

90-Th-232

MAT 9040

Inelastic
Cross Section

90-Th-232
-8.872 To 70.68 %



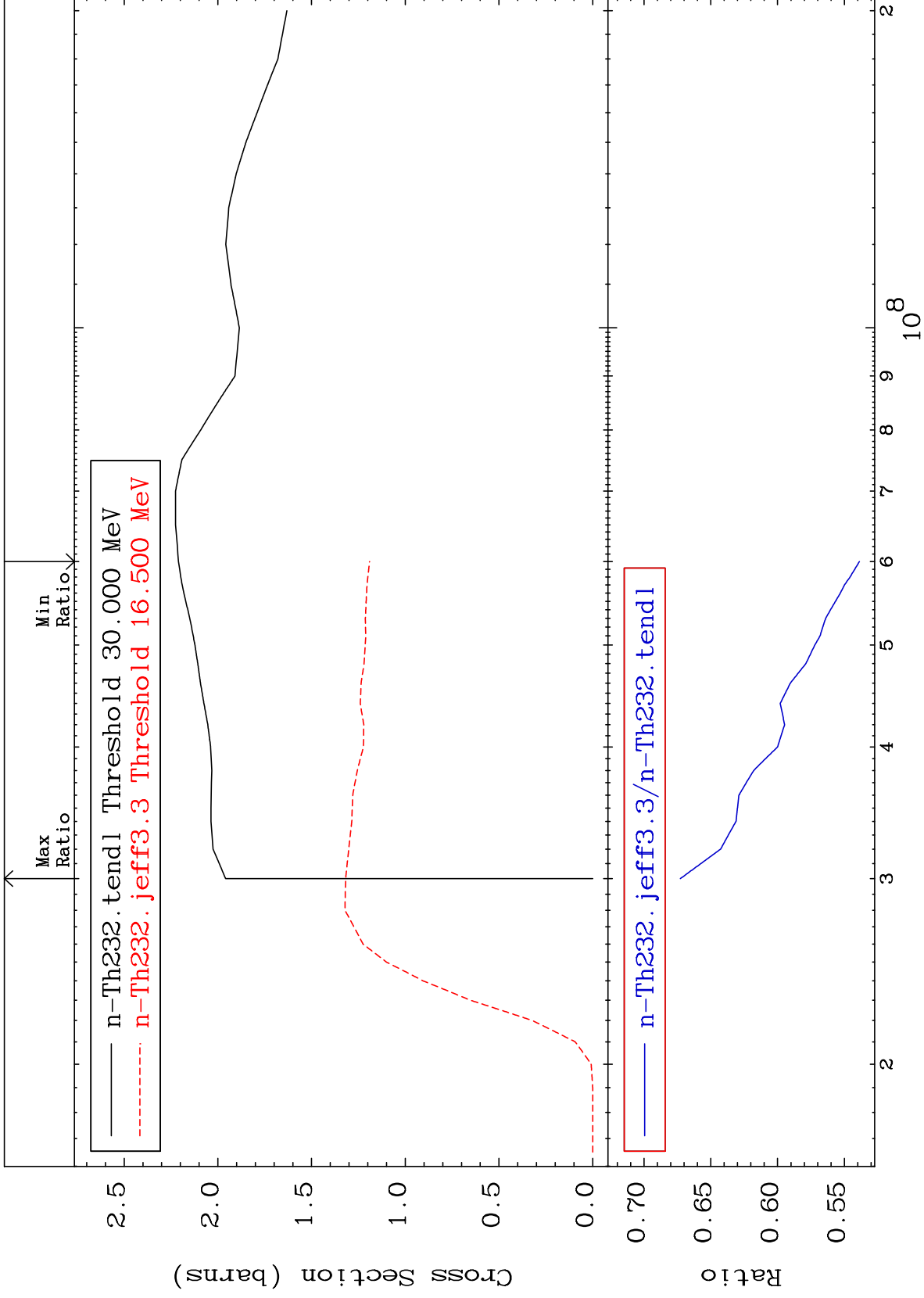
3

90-Th-232

MAT 9040

(n, remainder)
Cross Section

90-Th-232
-46.13 To -32.72%



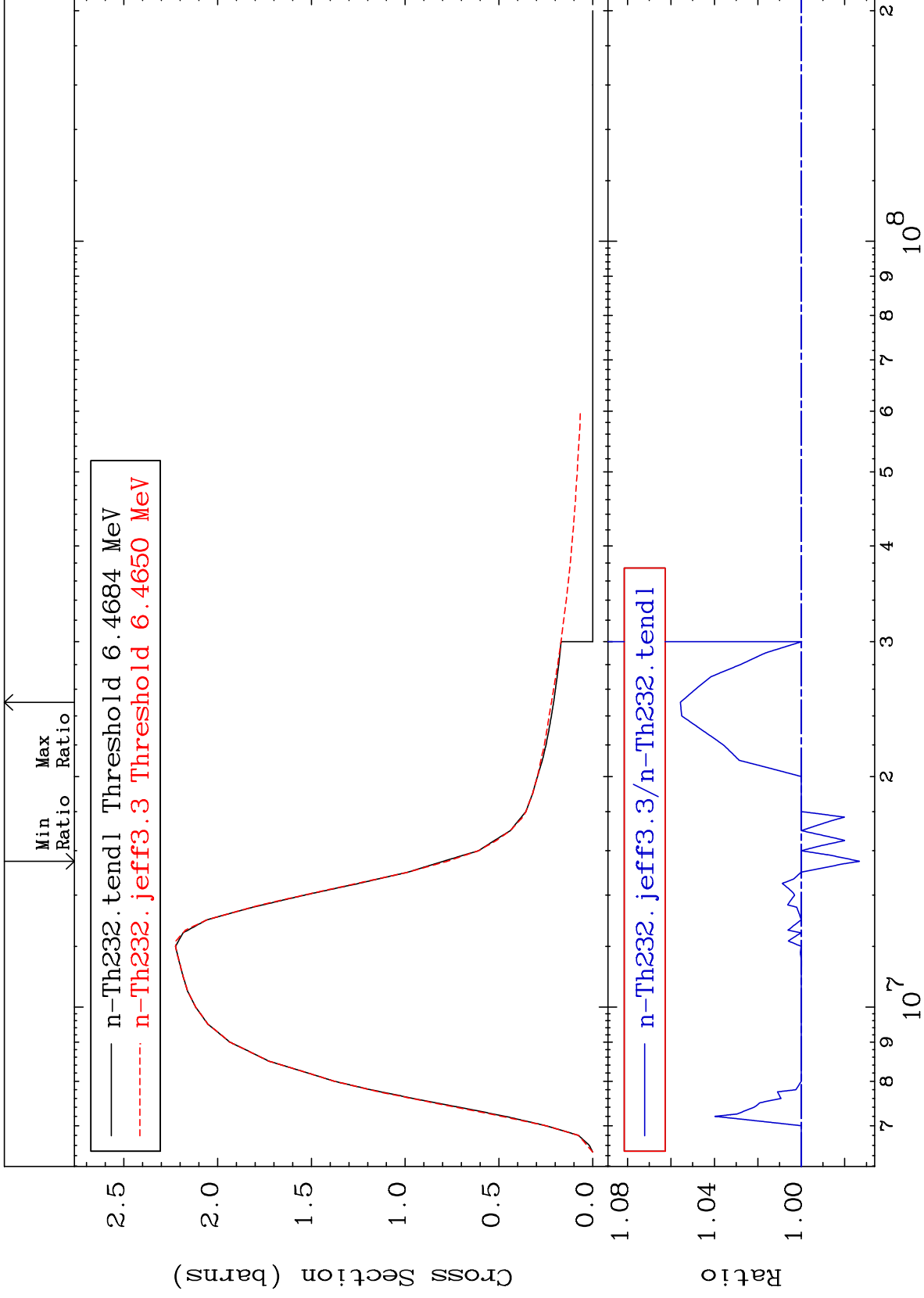
MAT 9040

(n,2n)

90-Th-232

Cross Section

-2.678 To 5.569 %



5

Incident Energy (eV)

90-Th-232

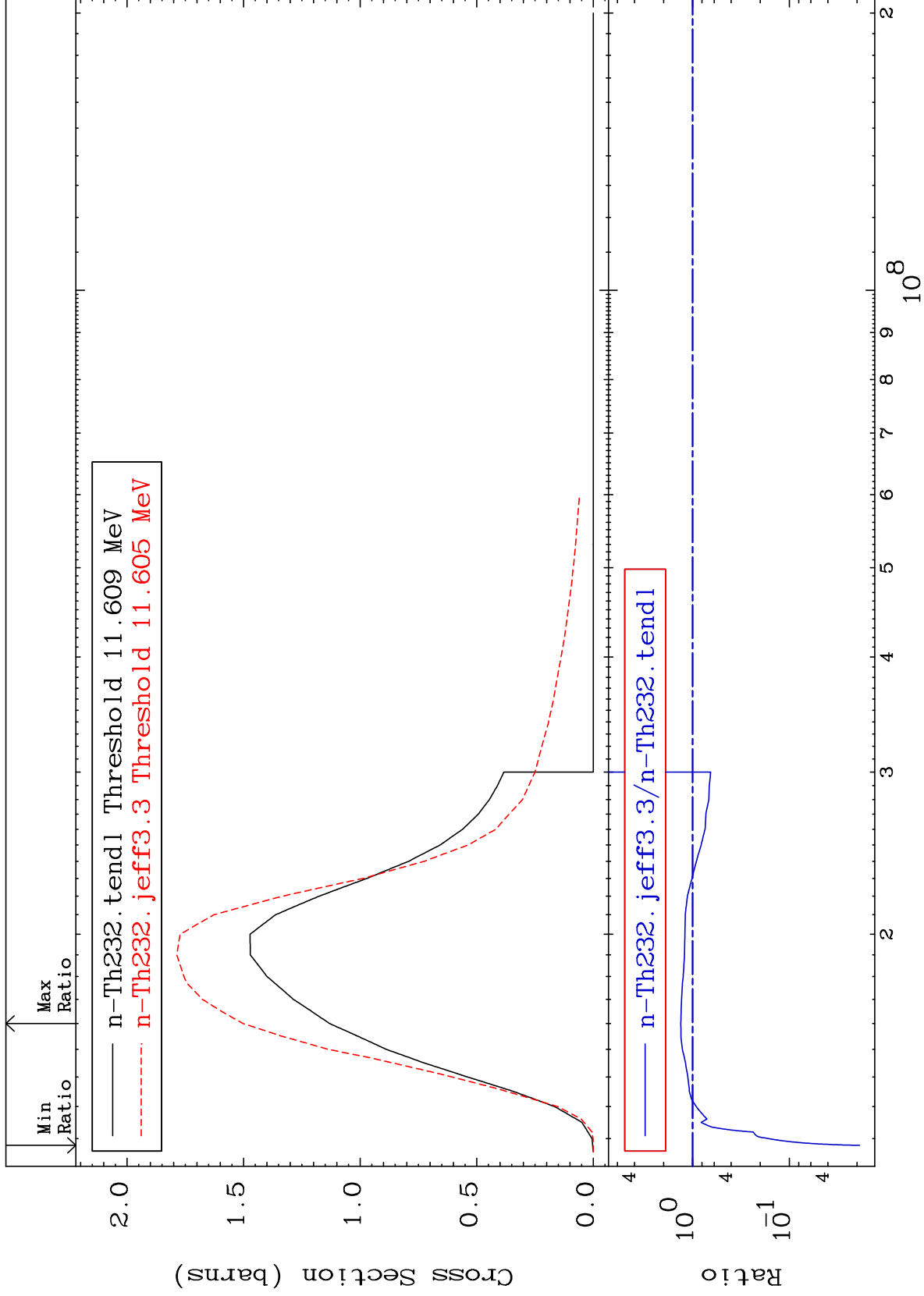
MAT 9040

(n,3n)

90-Th-232

Cross Section

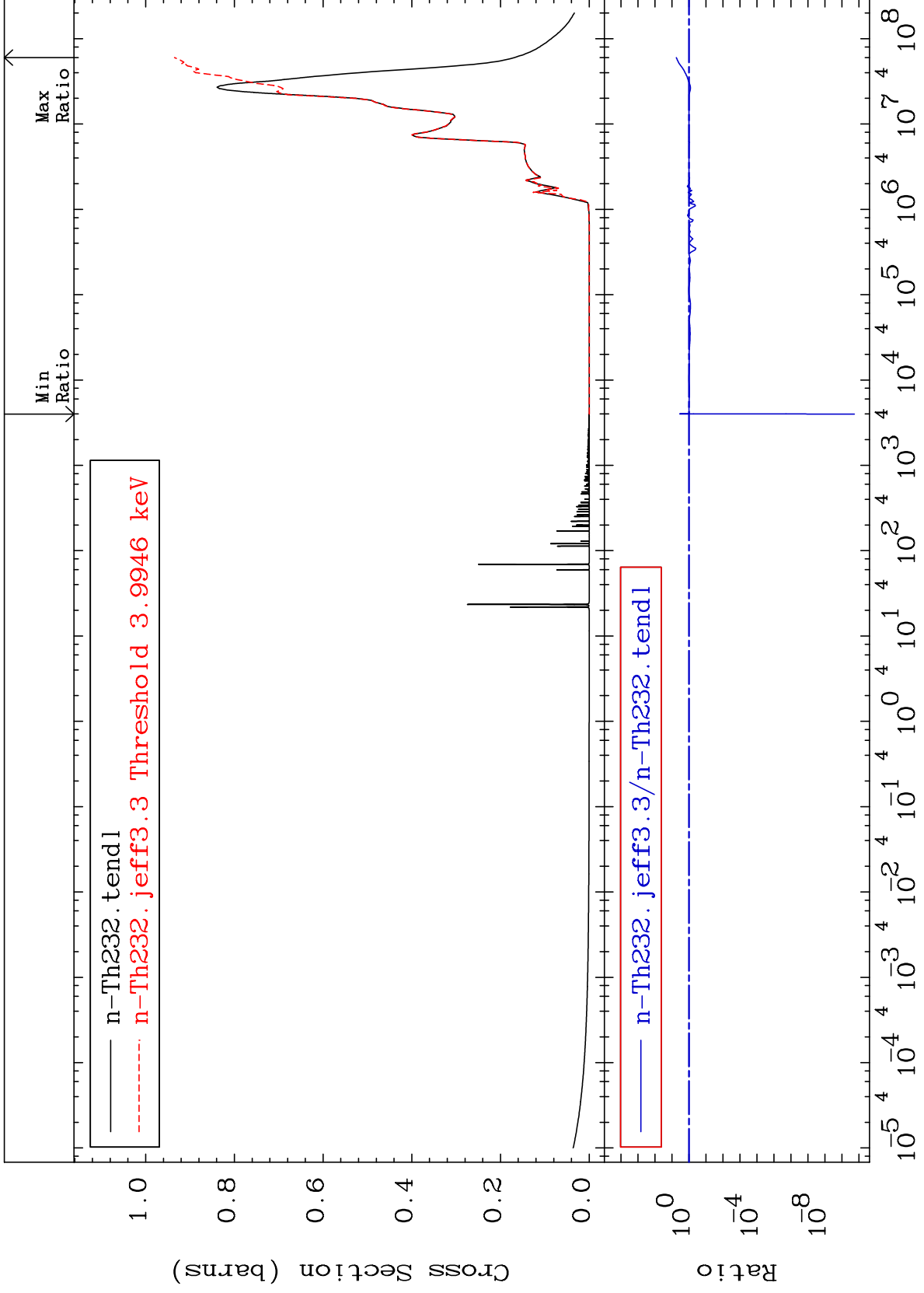
-98.12 To 32.82 %



MAT 9040

Fission
Cross Section

90-Th-232
-100.0 To 454.5 %



7

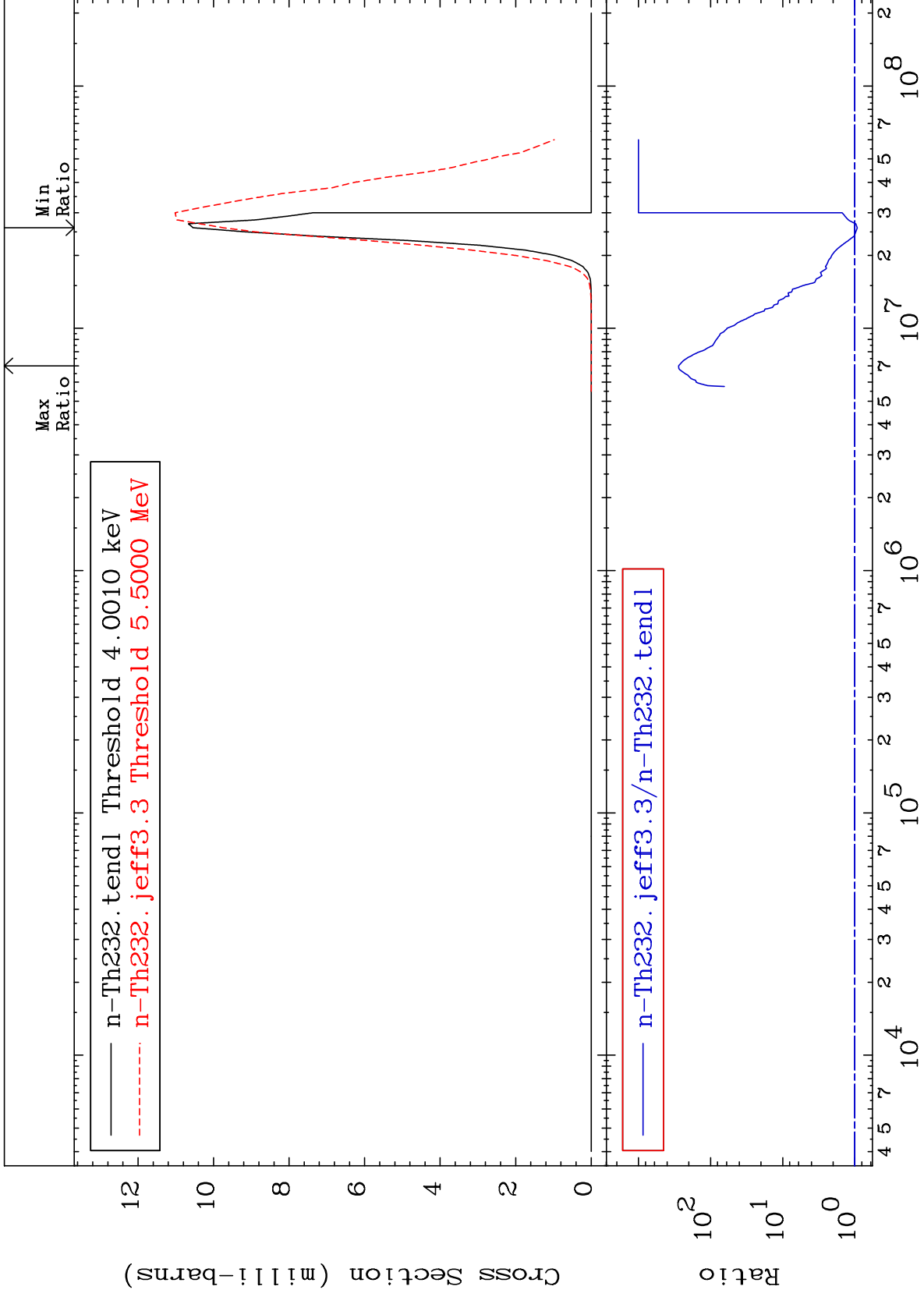
Incident Energy (eV)

90-Th-232

MAT 9040

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

90-Th-232
-7.489 To 9999. %



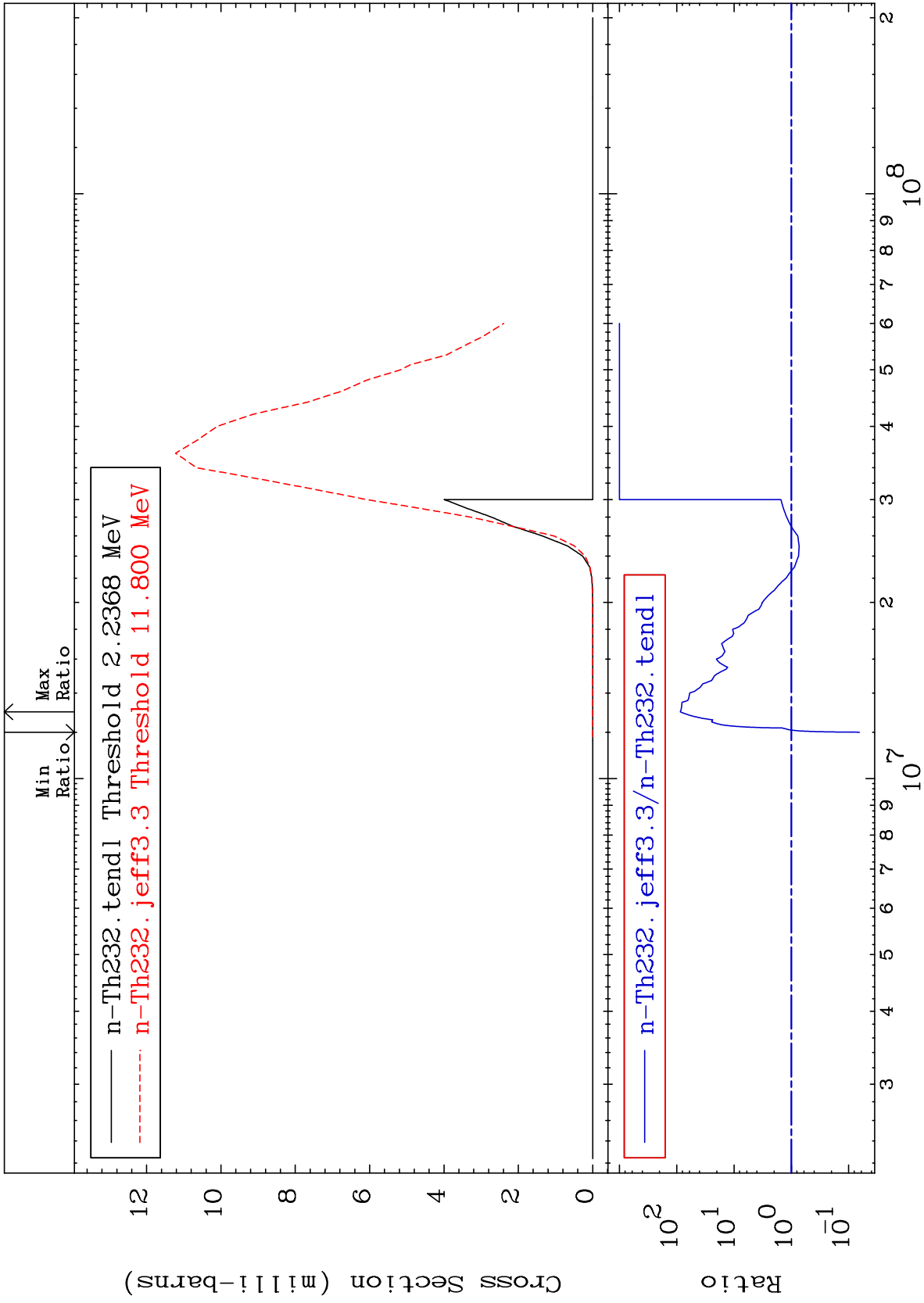
MAT 9040

(n,2n) α

90-Th-232

Cross Section

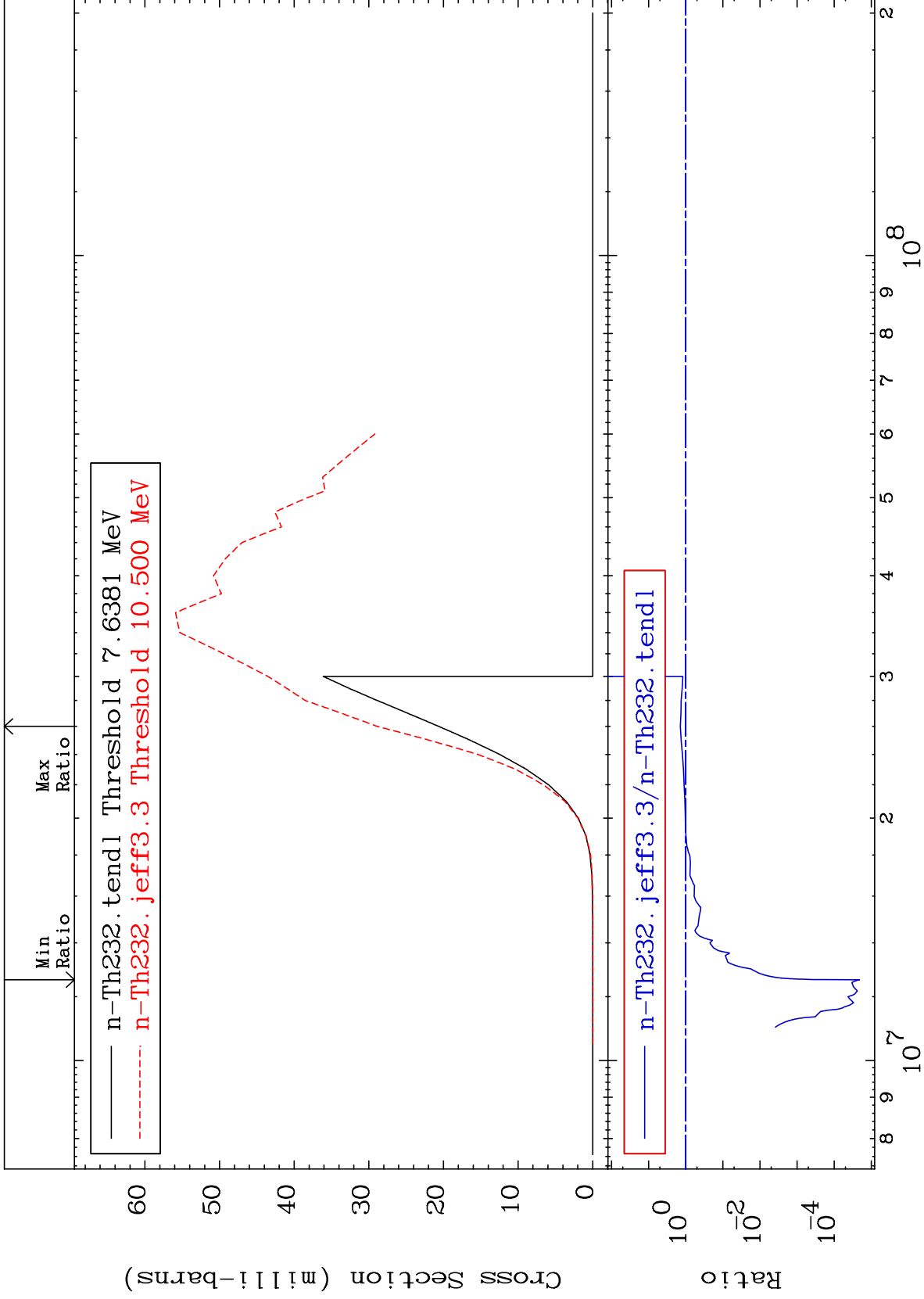
-93.52 To 8564. %



MAT 9040

(n, n') p
Cross Section

90-Th-232
-100.0 To 39.92 %



10

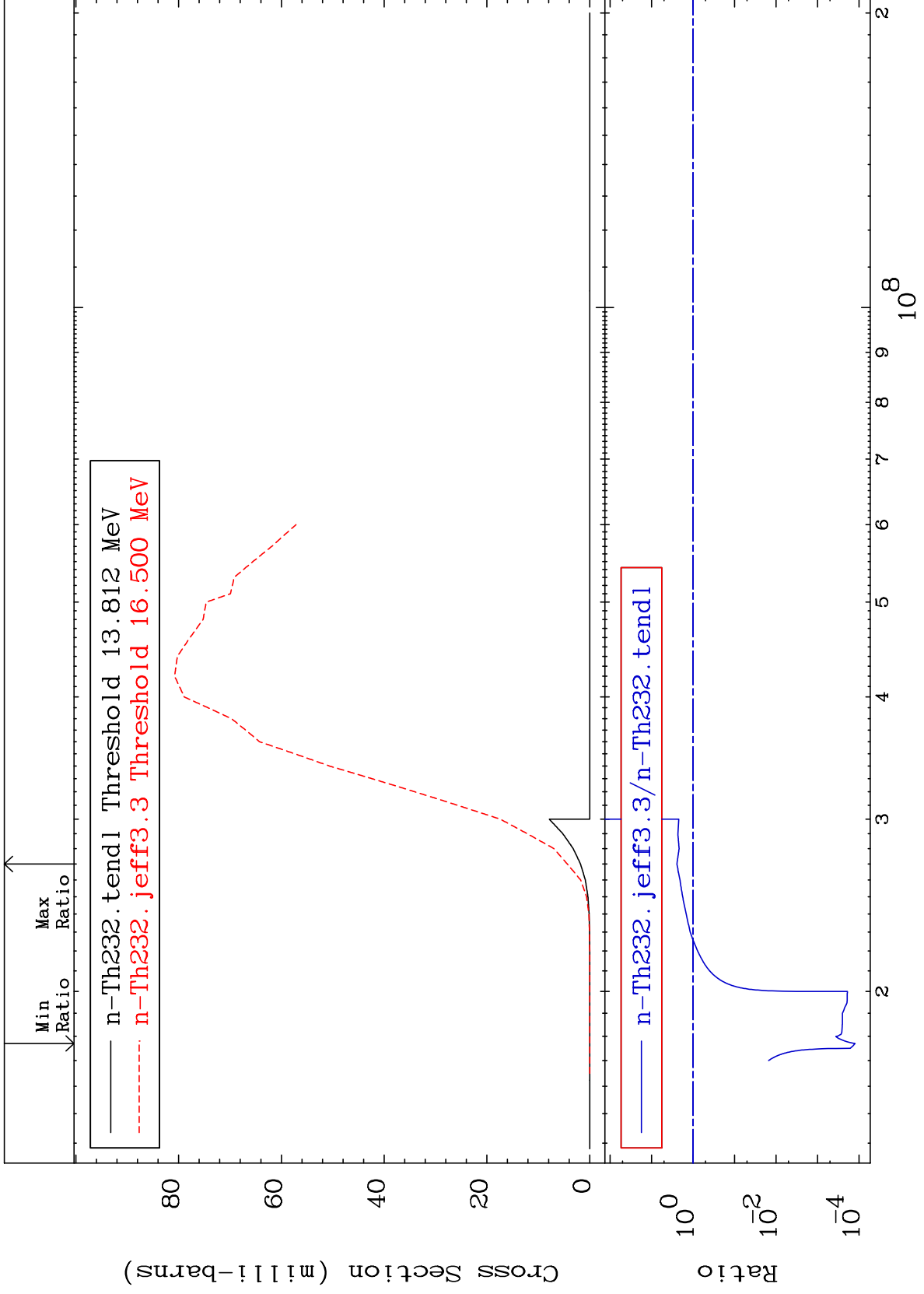
Incident Energy (eV)

90-Th-232

MAT 9040

(n,2n) p
Cross Section

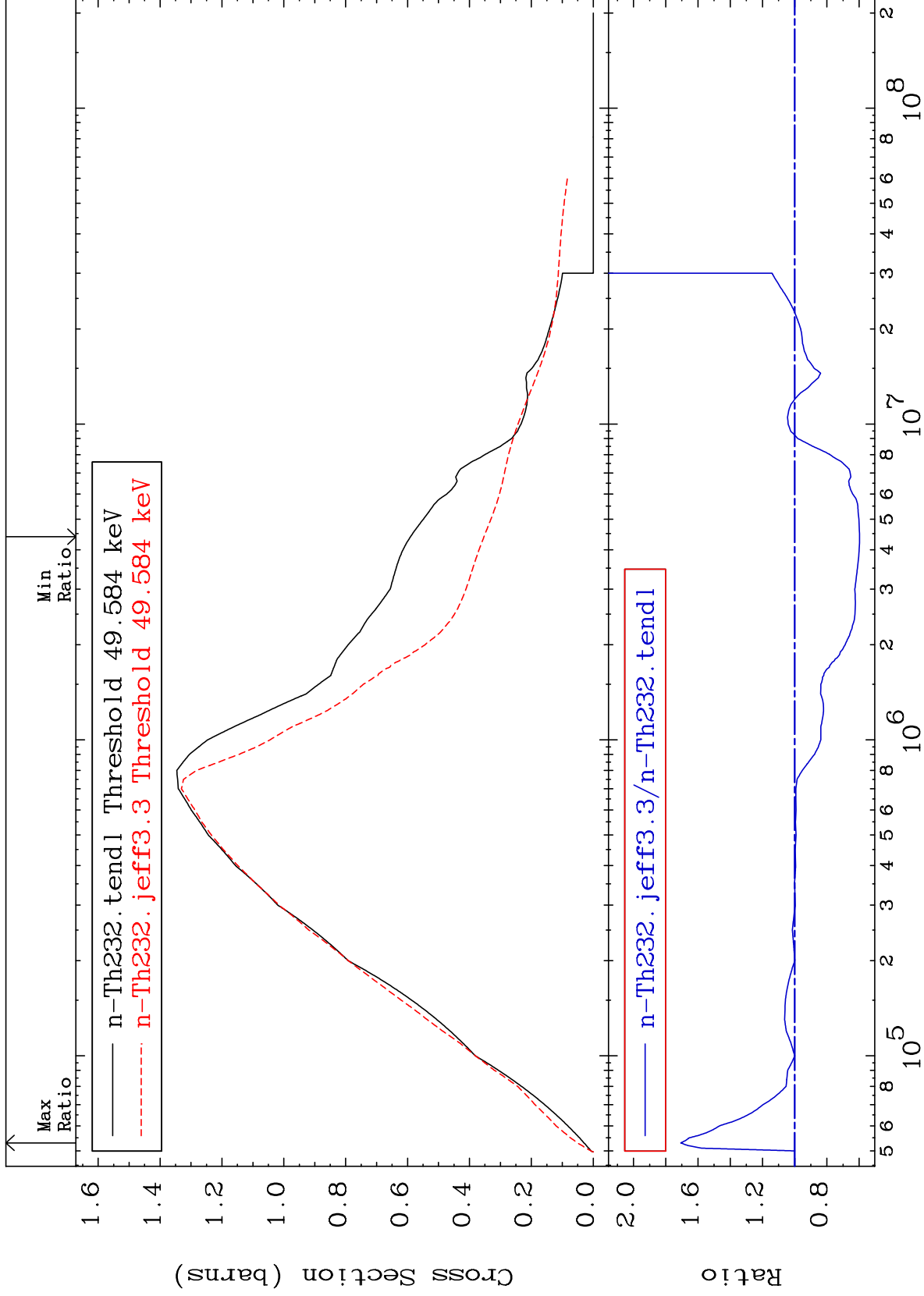
90-Th-232
-99.99 To 144.3 %



MAT 9040

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

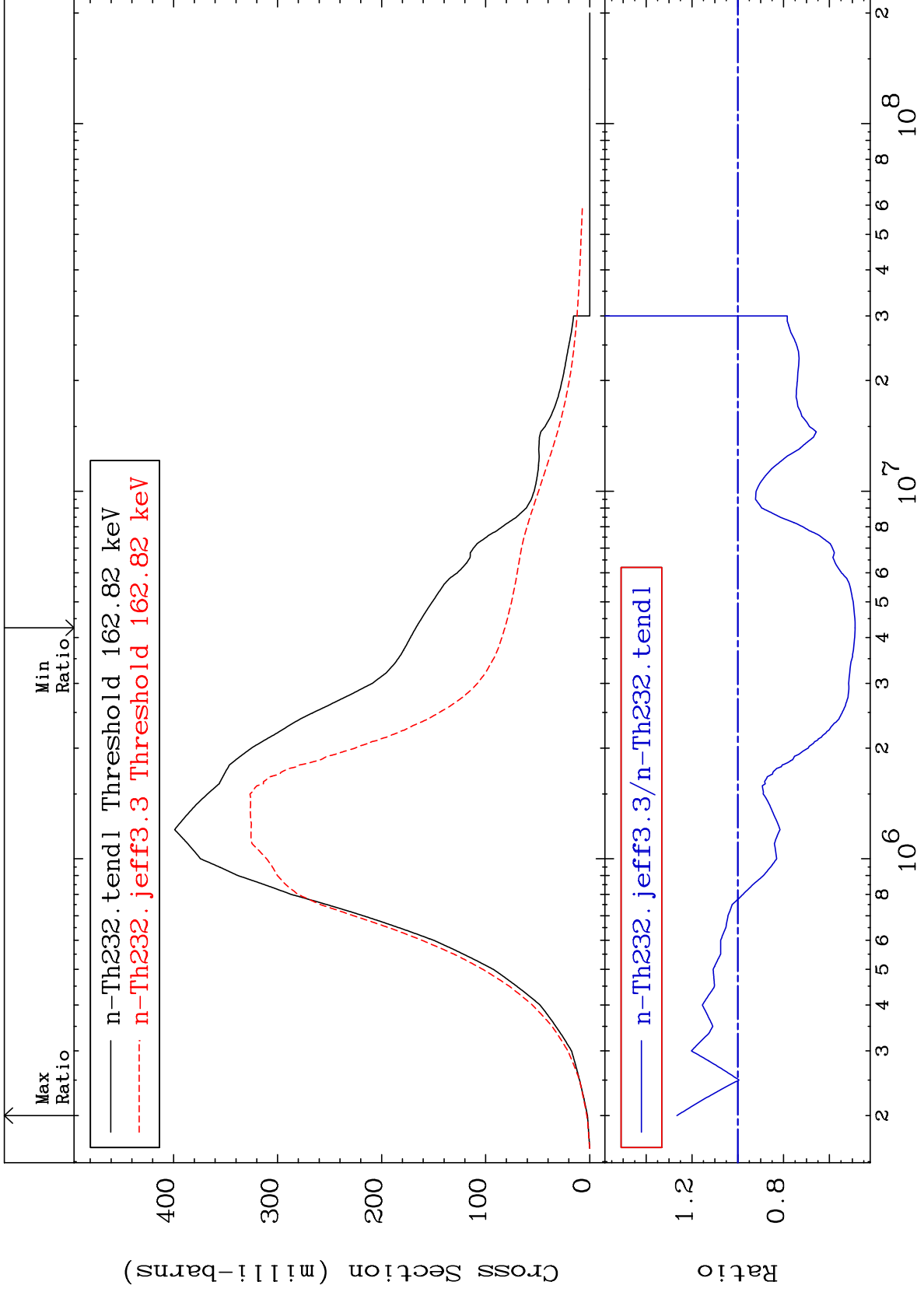
90-Th-232
-40.23 To 70.68 %



MAT 9040

MT= 52 (n,n') Level
Cross Section

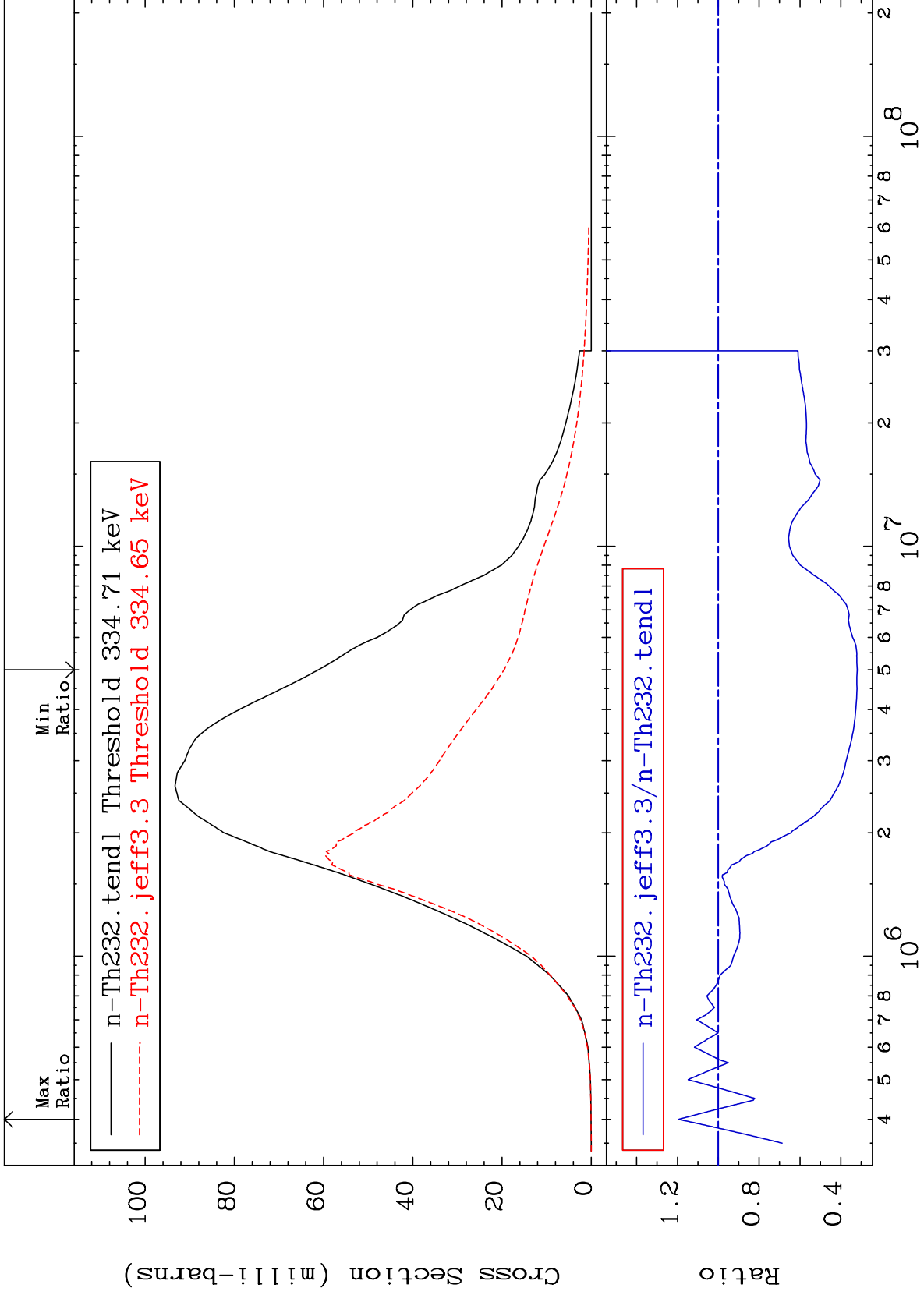
90-Th-232
-51.20 To 26.56 %



MAT 9040

MT= 53 (n,n') Level
Cross Section

90-Th-232
-68.07 To 19.42 %



14

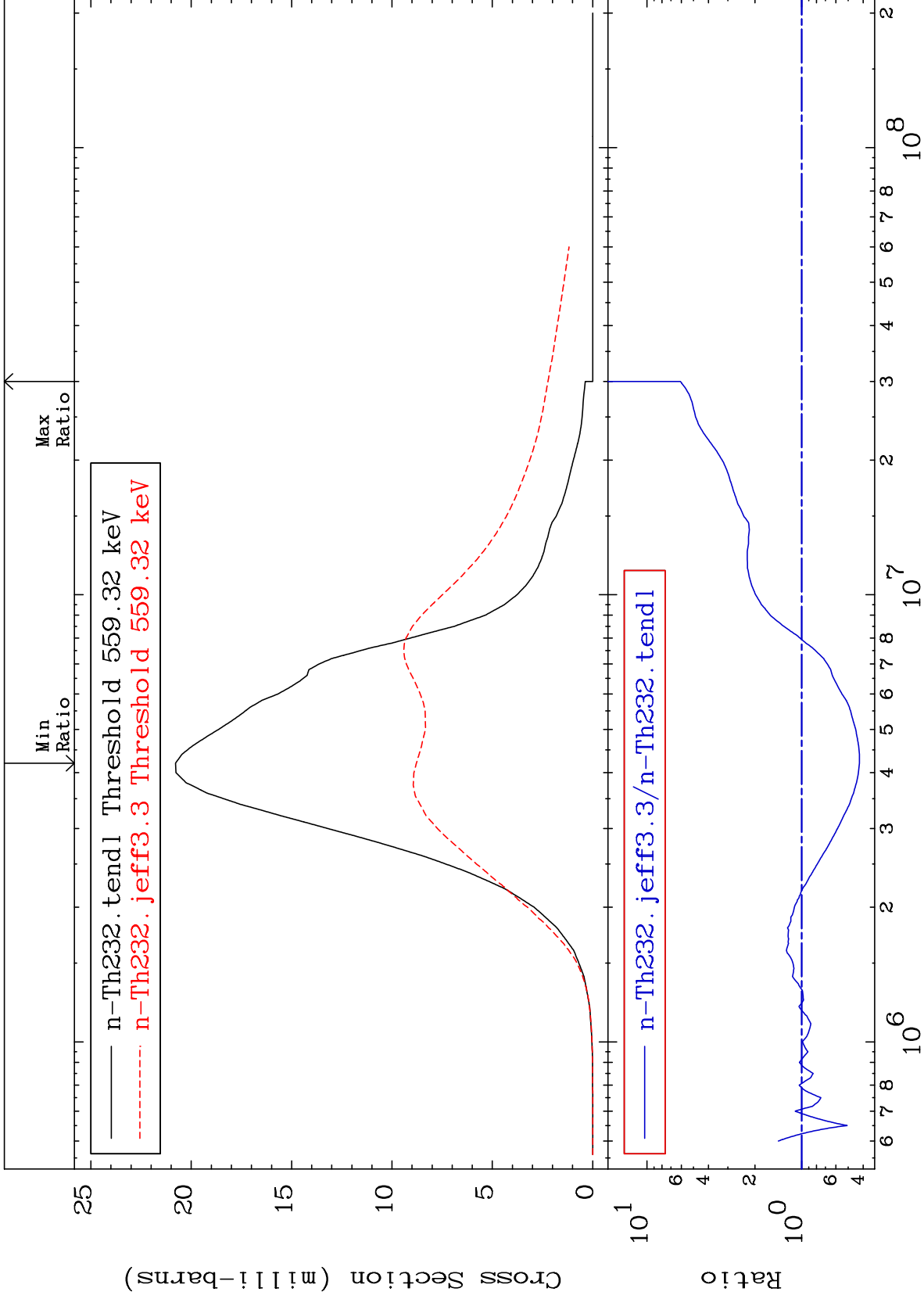
Incident Energy (eV)

90-Th-232

MAT 9040

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

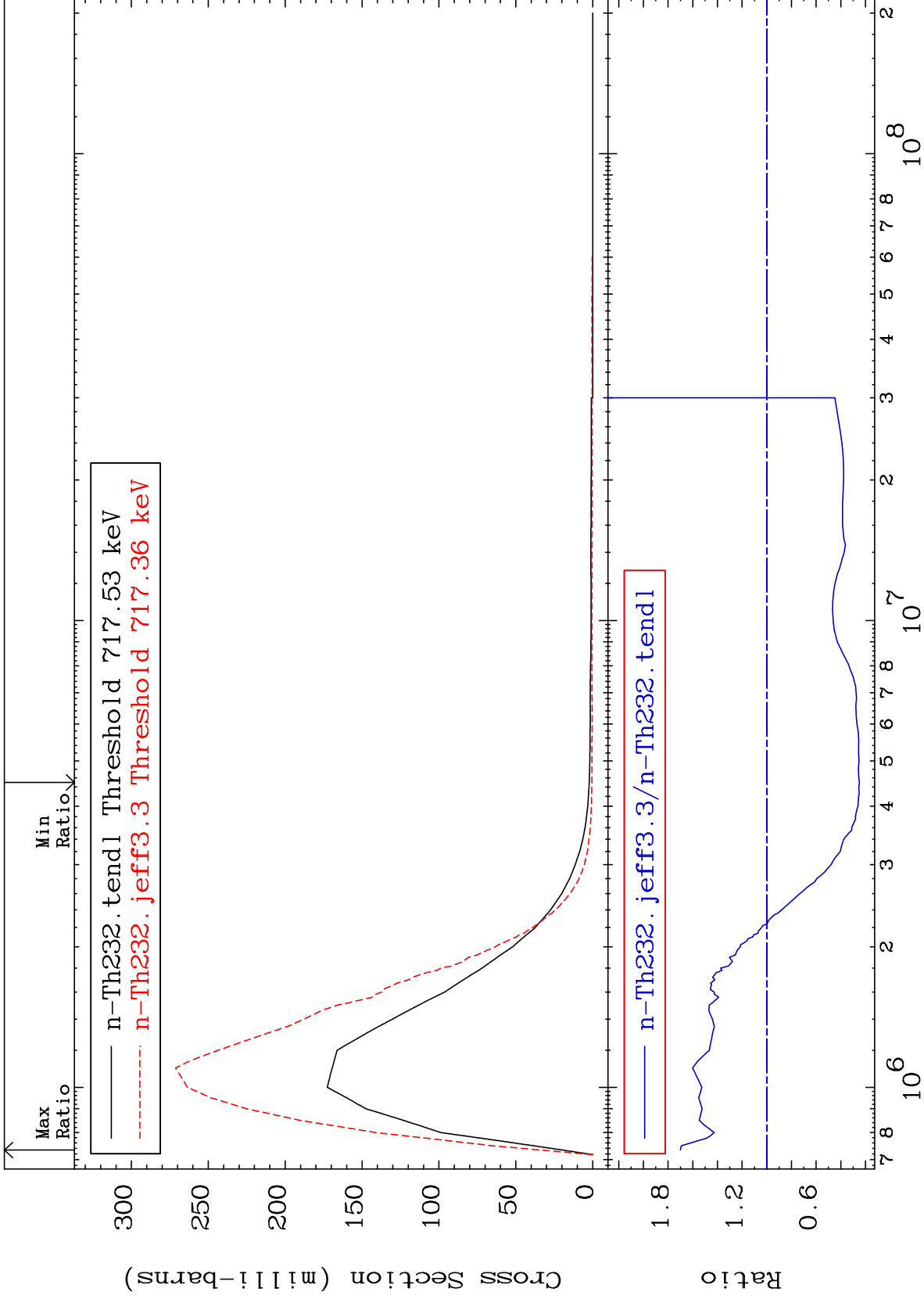
90-Th-232
-57.74 To 508.3 %



MAT 9040

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

90-Th-232
-75.13 To 70.07 %



16

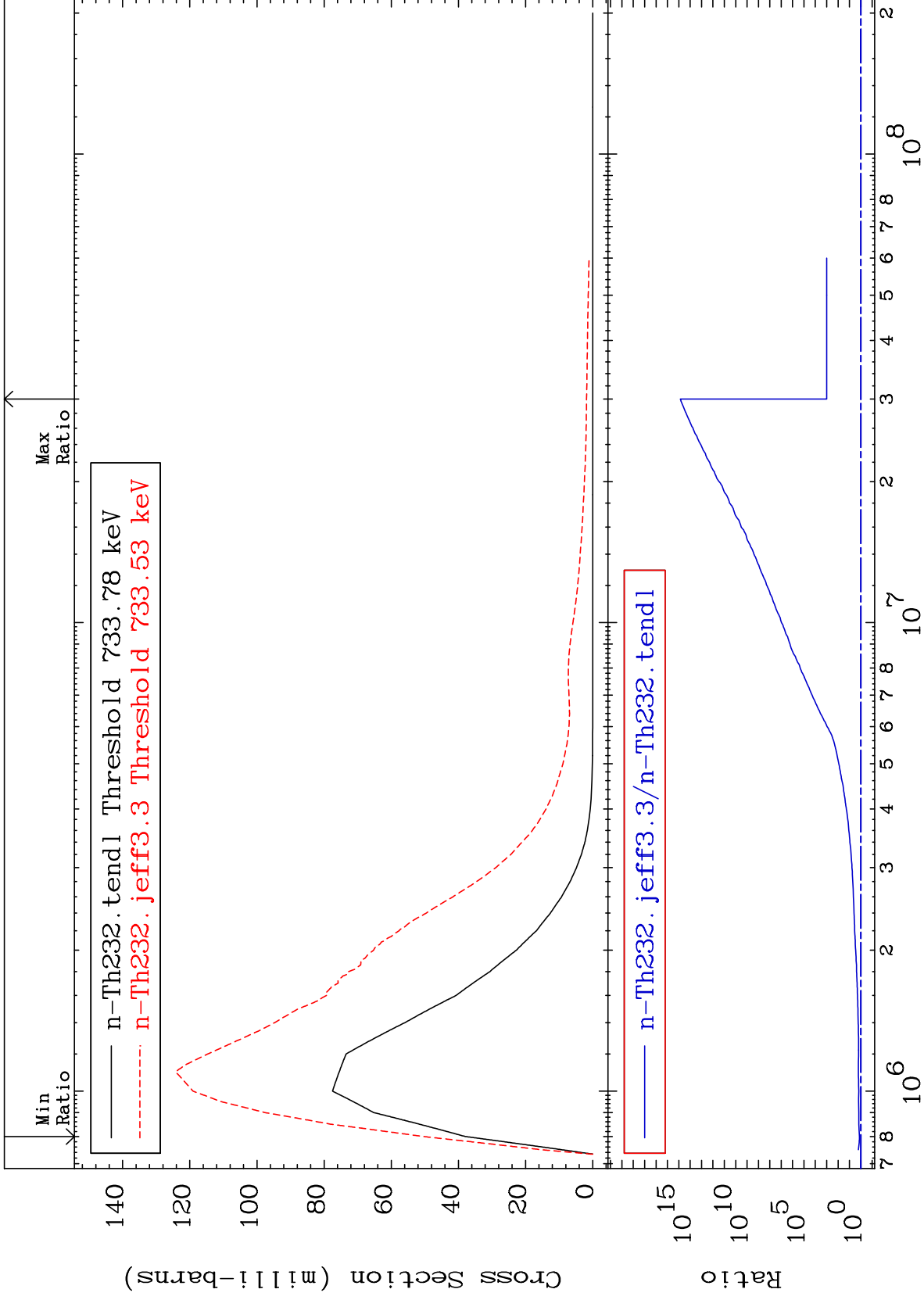
Incident Energy (eV)

90-Th-232

MAT 9040

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

90-Th-232
32.86 To 9999. %



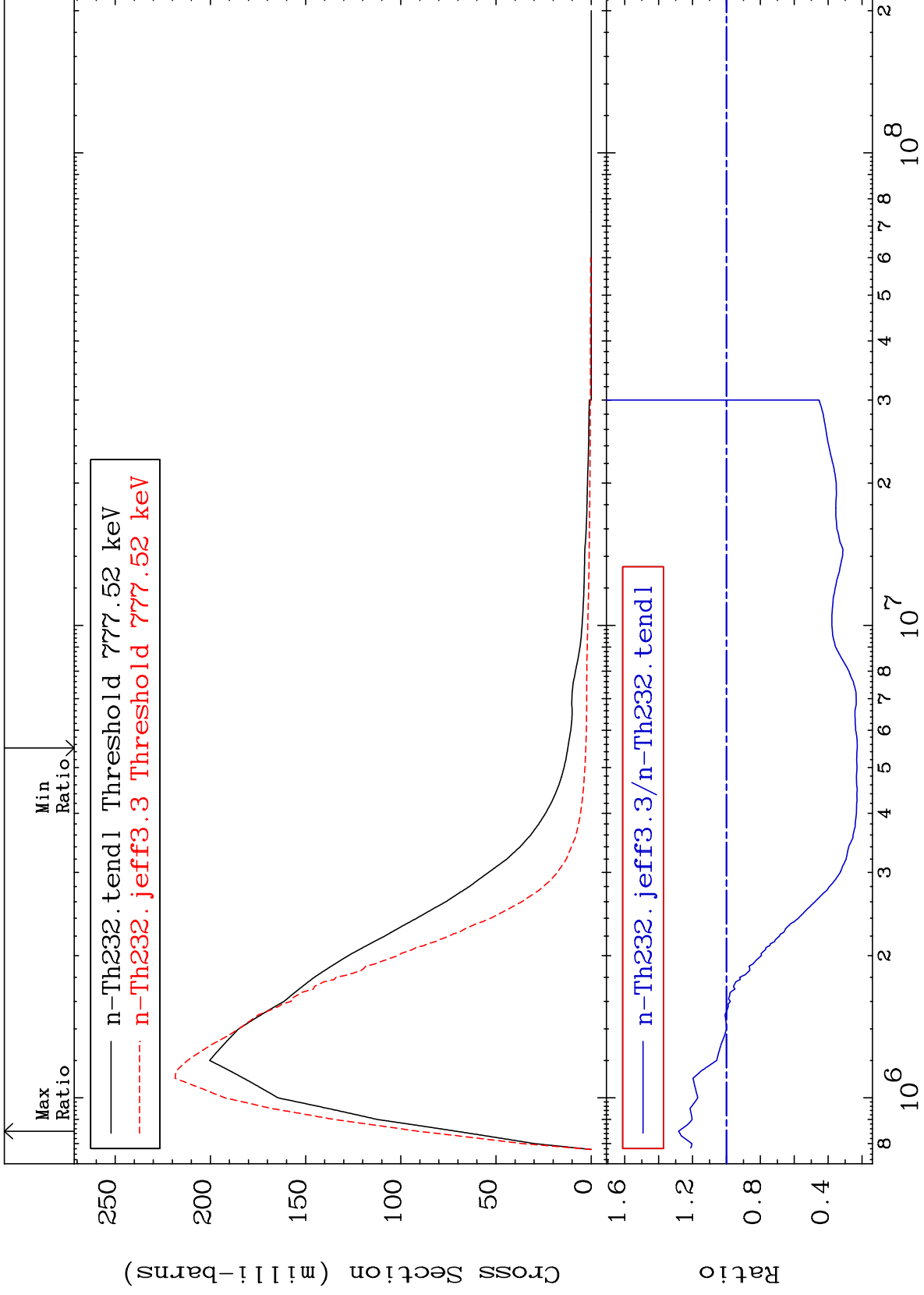
17

90-Th-232

MAT 9040

MT= 57 (n,n') Level
Cross Section

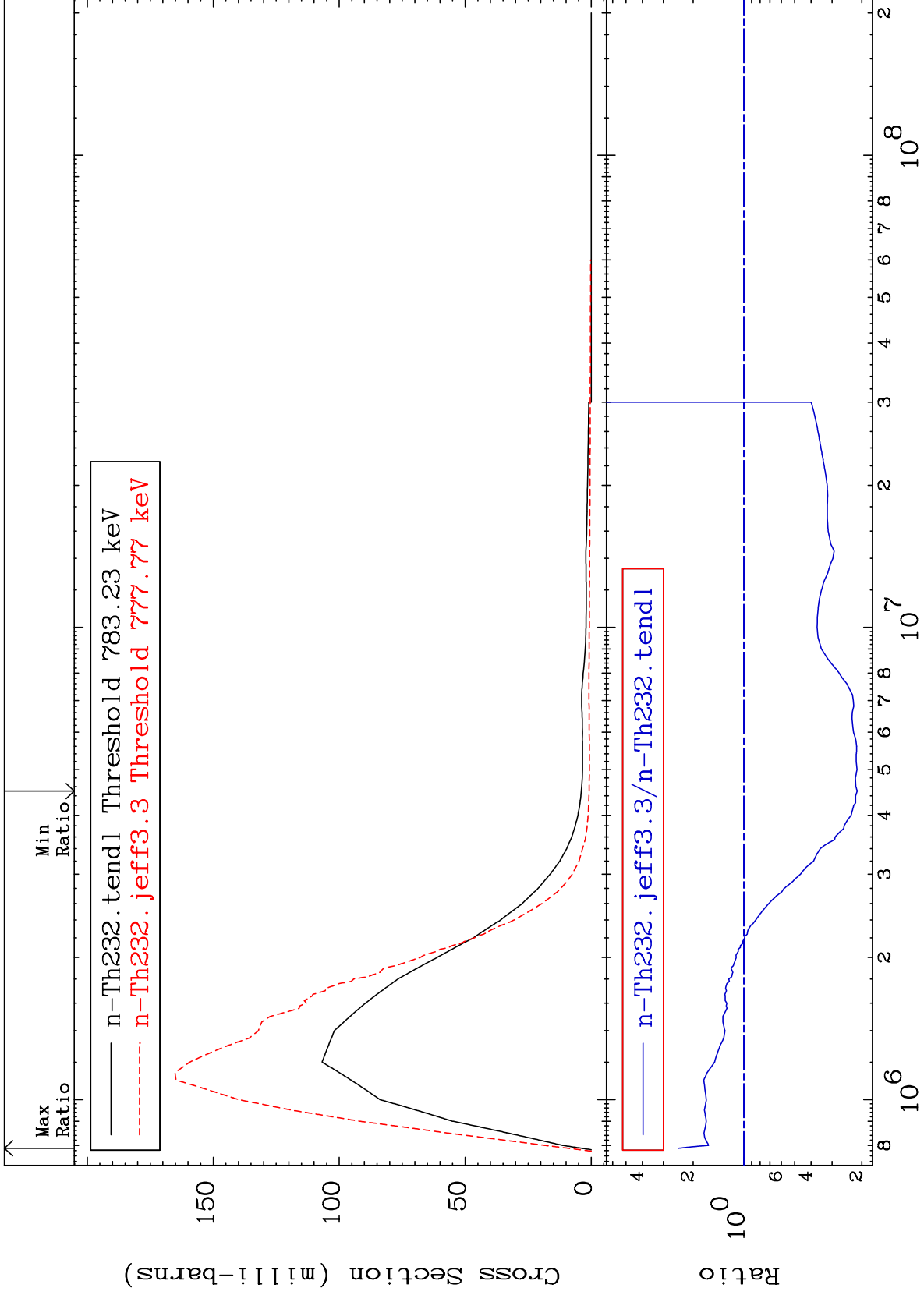
90-Th-232
-77.14 To 28.22 %



MAT 9040

MT= 58 (n,n') Level
Cross Section

90-Th-232
-78.74 To 143.7 %



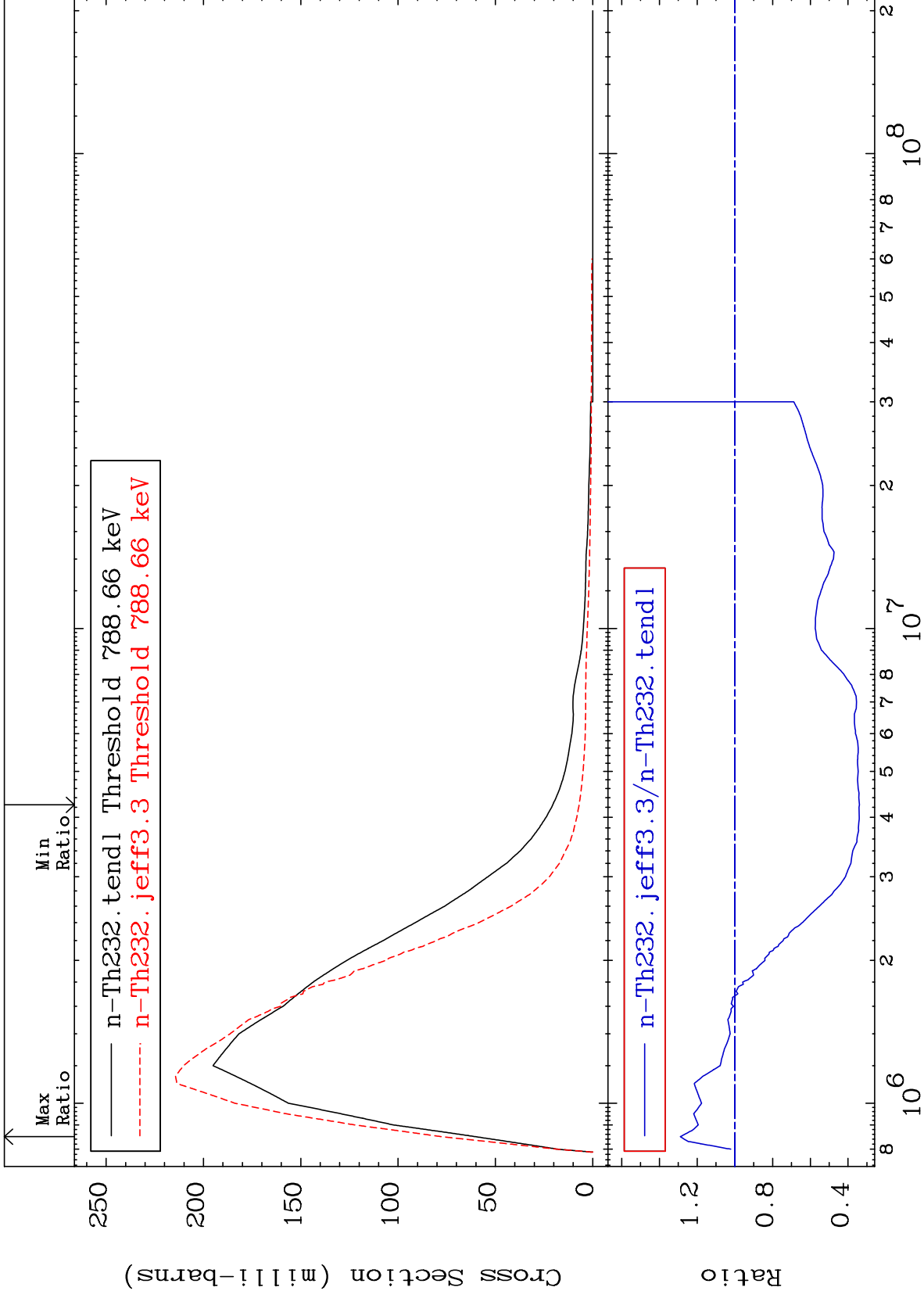
19

90-Th-232

MAT 9040

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

90-Th-232
-66.03 To 28.89 %



20

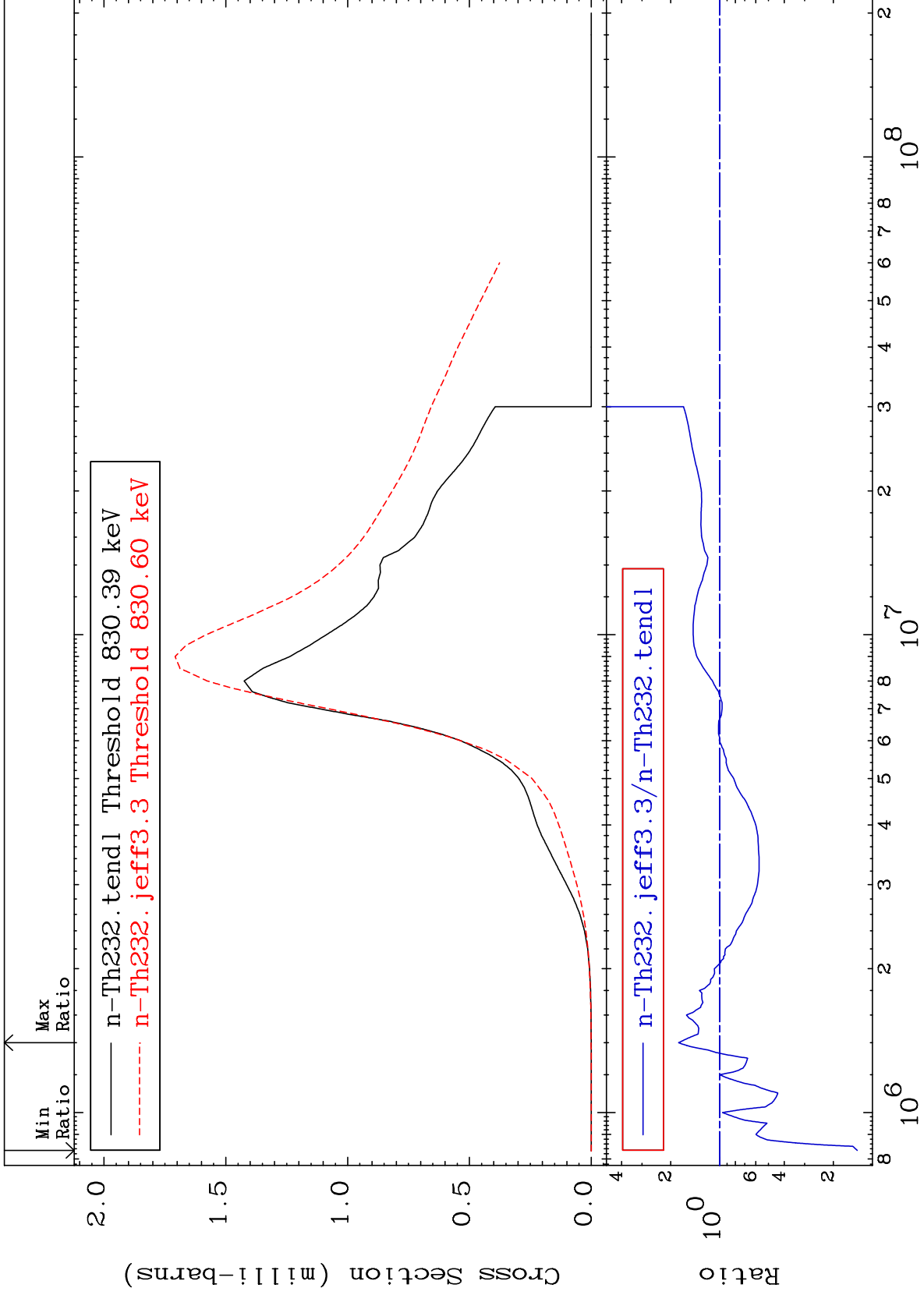
Incident Energy (eV)

90-Th-232

MAT 9040

MT= 60 (n,n') Level
Cross Section

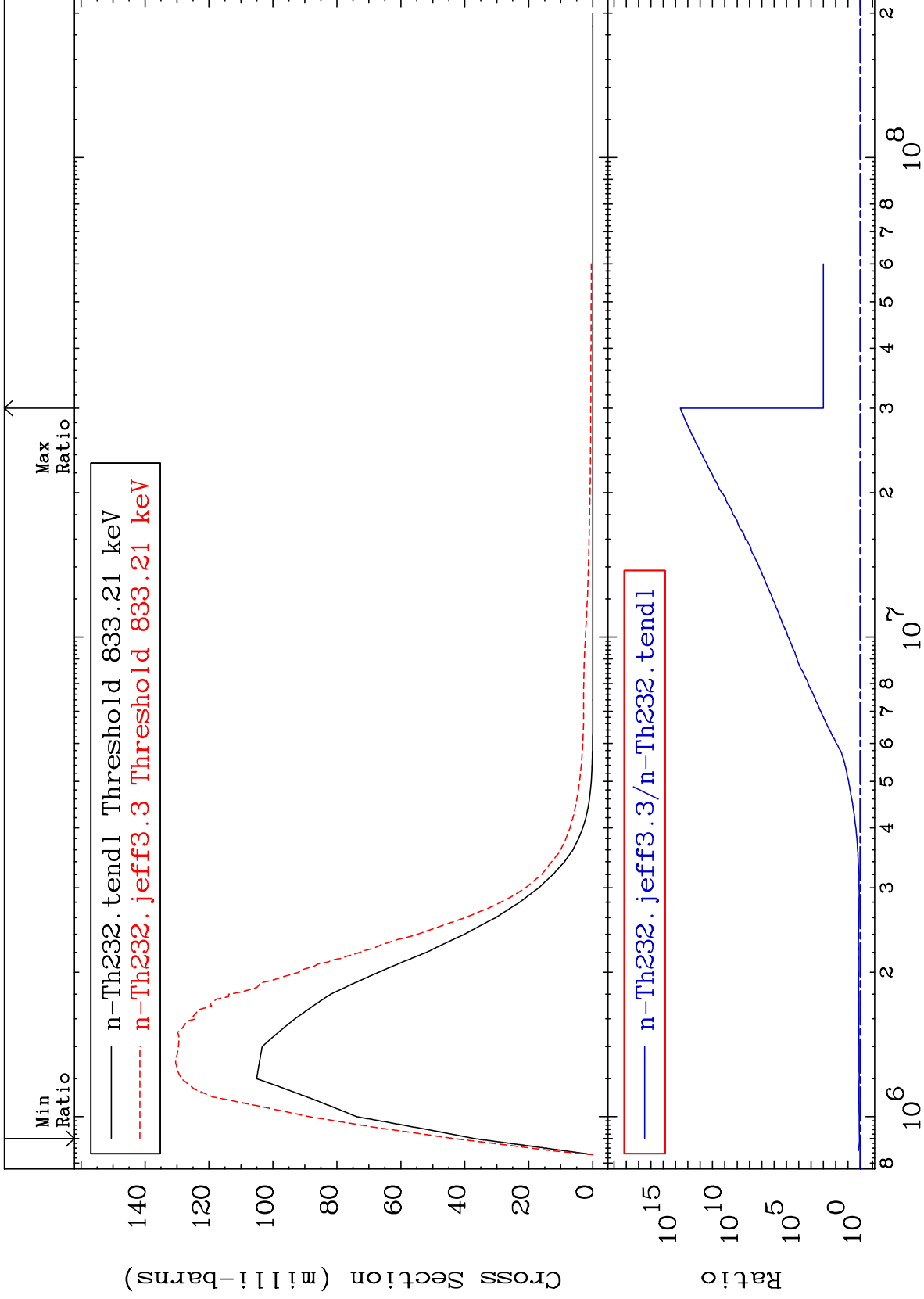
90-Th-232
-85.76 To 78.57 %



MAT 9040

MT= 61 (n,n') Level
Cross Section

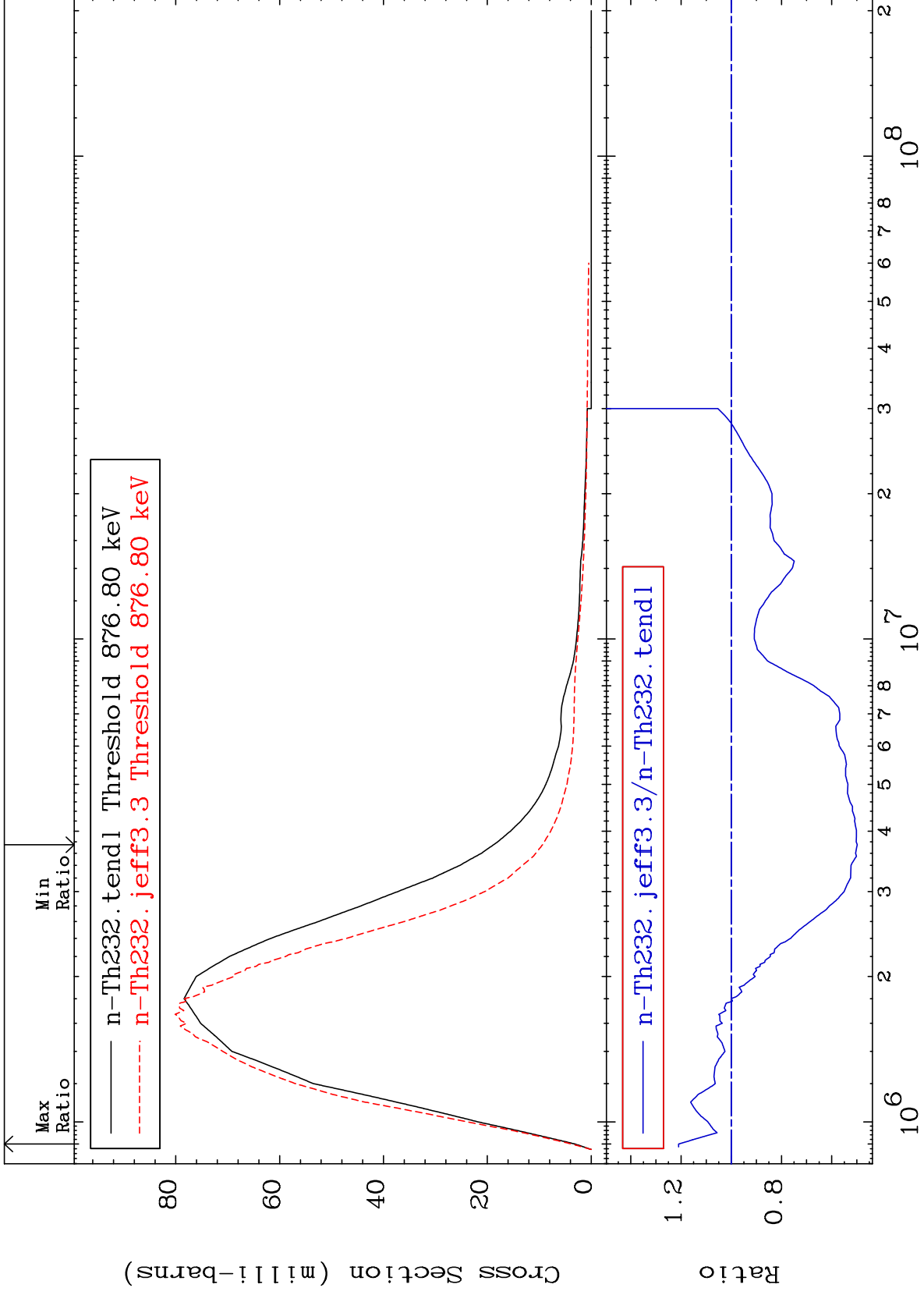
90-Th-232
16.66 To 9999. %



MAT 9040

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

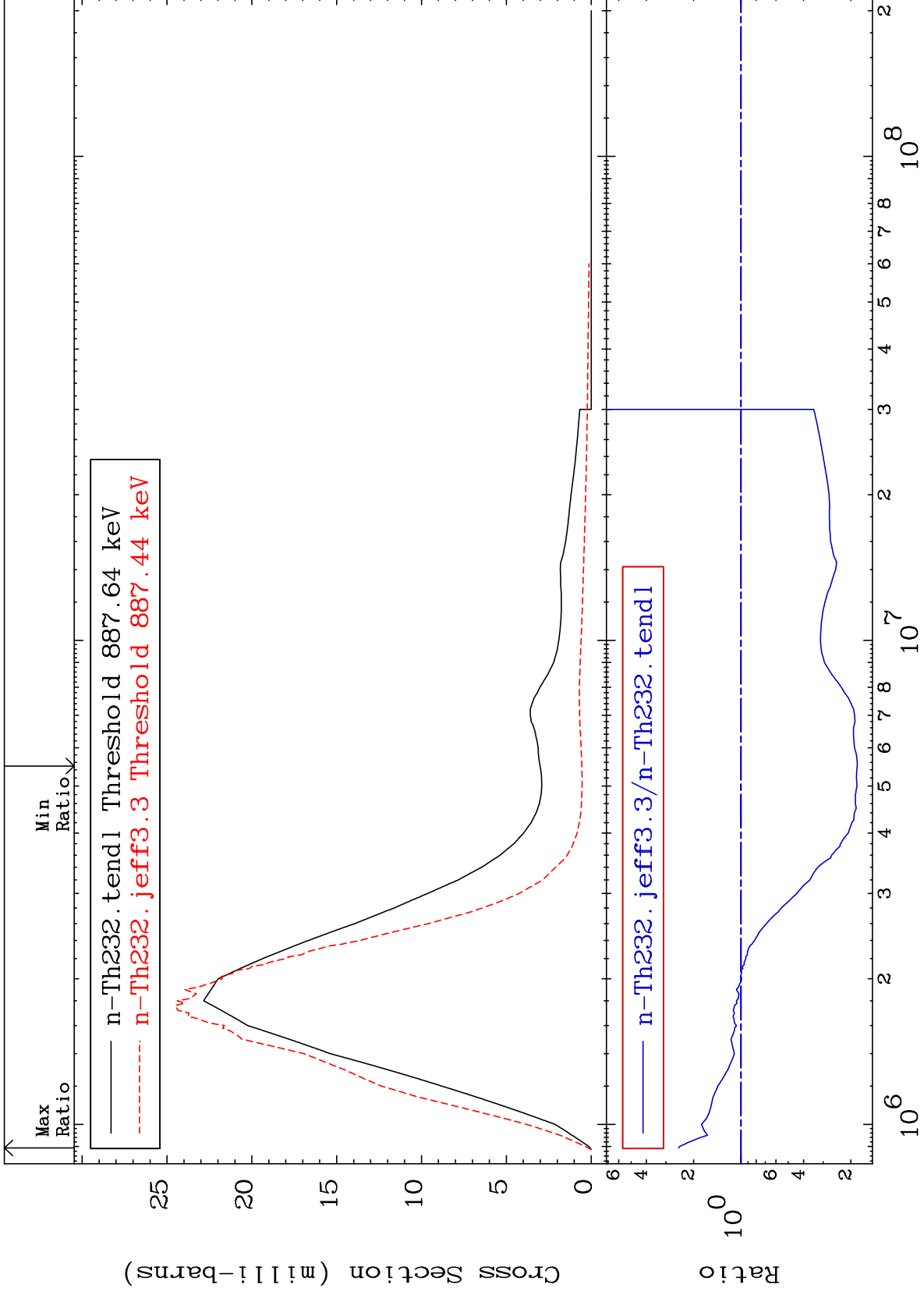
90-Th-232
-50.18 To 20.96 %



MAT 9040

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

90-Th-232
-81.79 To 149.2 %



24

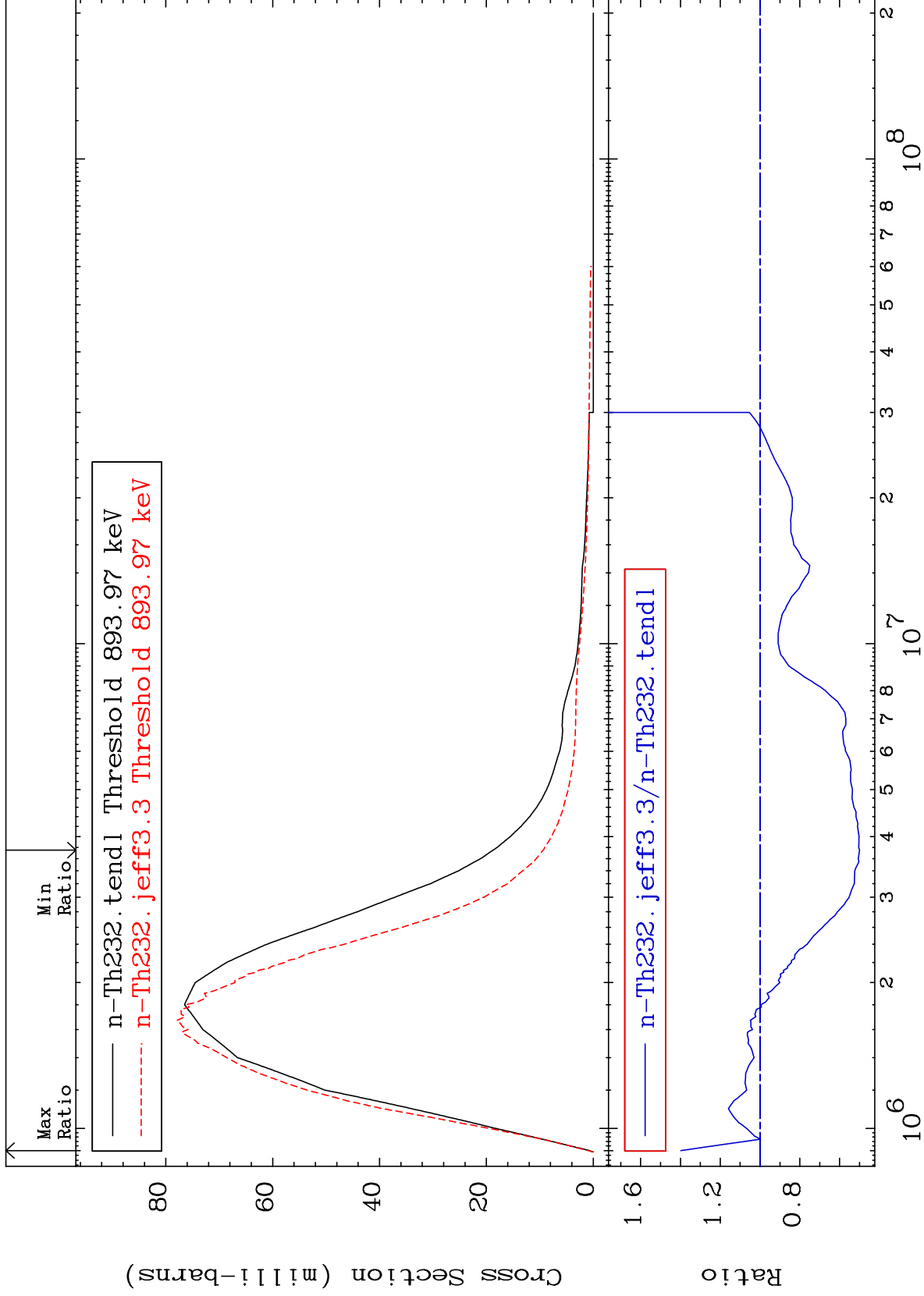
Incident Energy (eV)

90-Th-232

MAT 9040

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

90-Th-232
-50.01 To 39.82 %



25

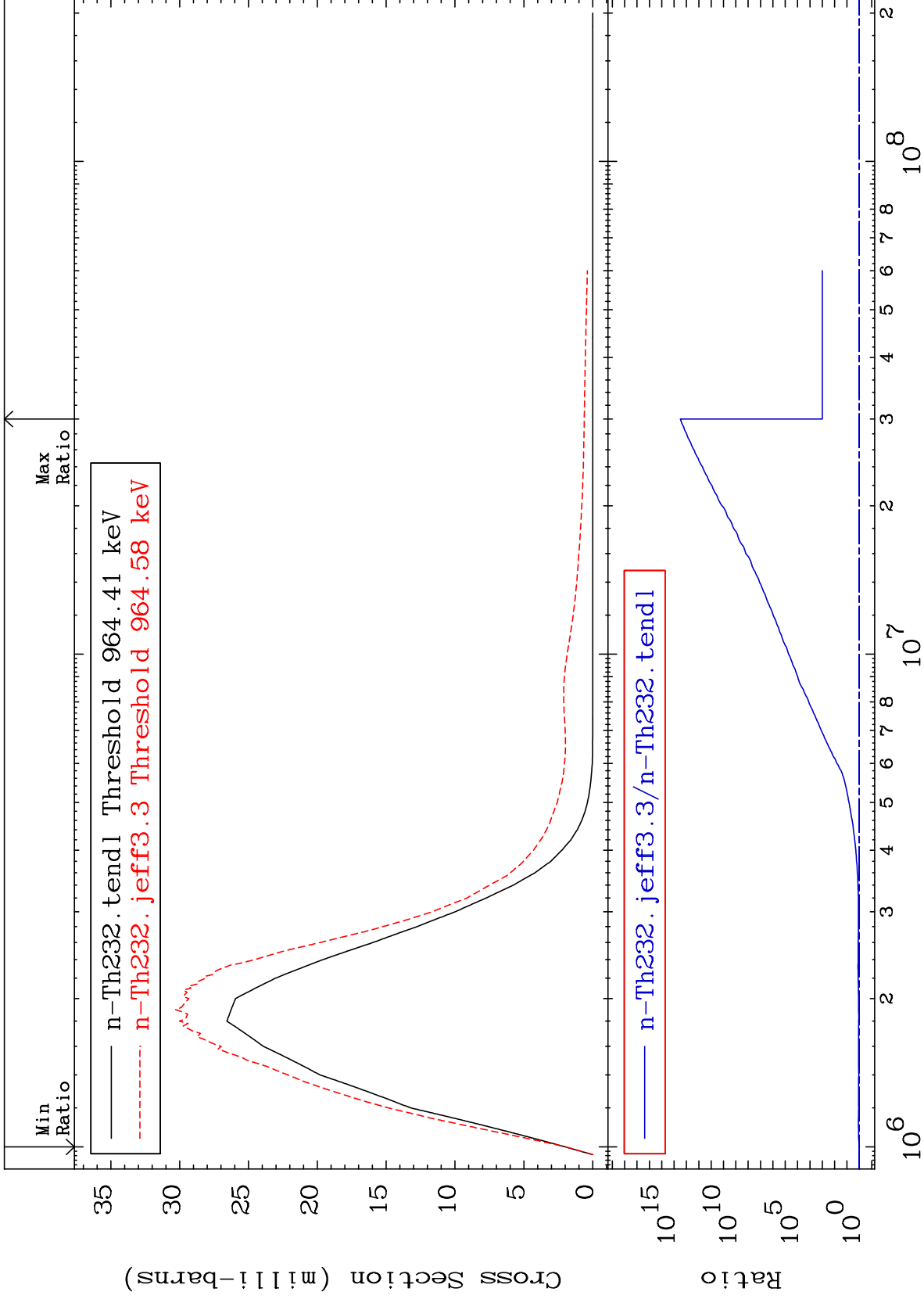
Incident Energy (eV)

90-Th-232

MAT 9040

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

90-Th-232
-2.025 To 9999. %



26

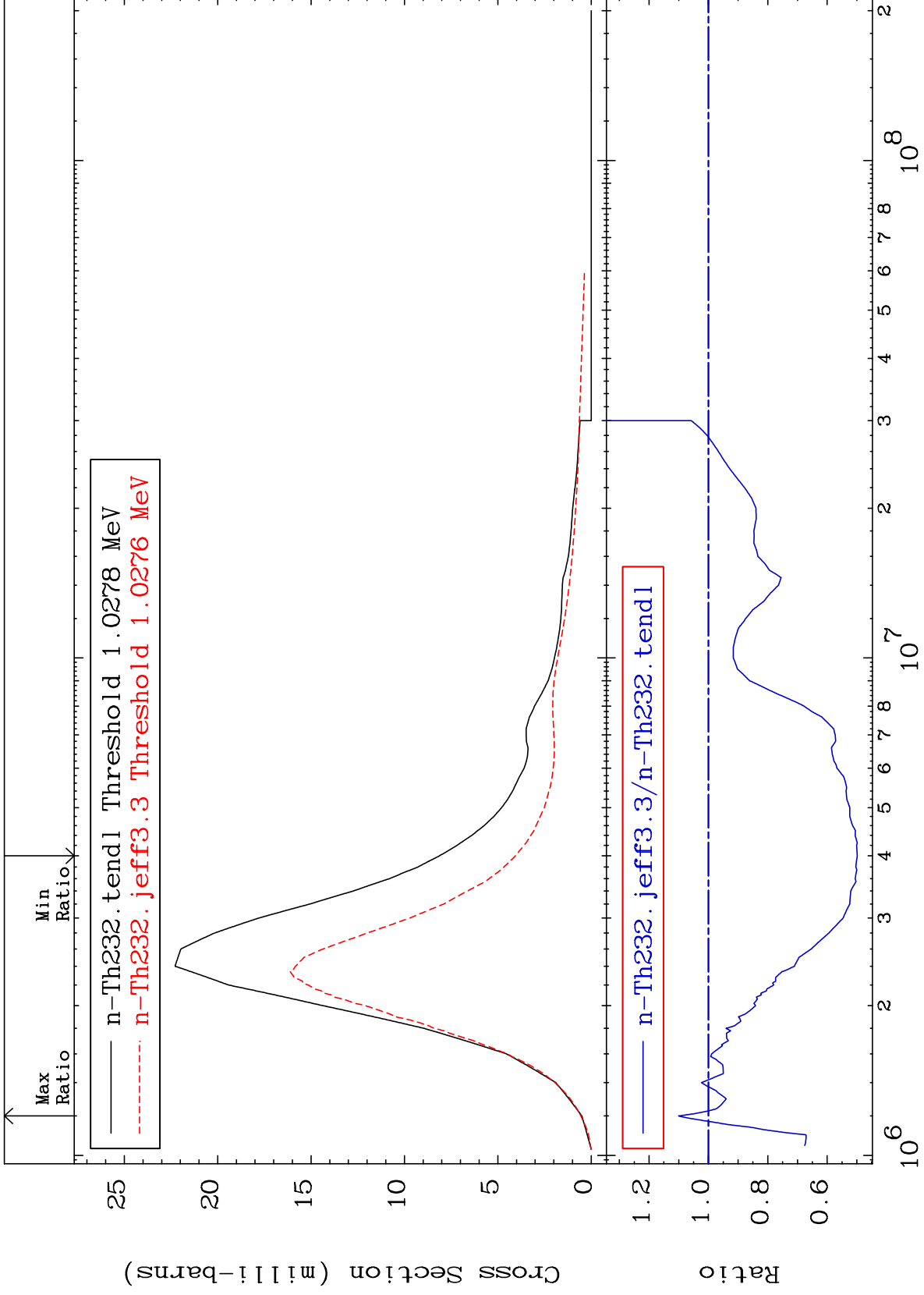
Incident Energy (eV)

90-Th-232

MAT 9040

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

90-Th-232
-50.15 To 10.04 %



27

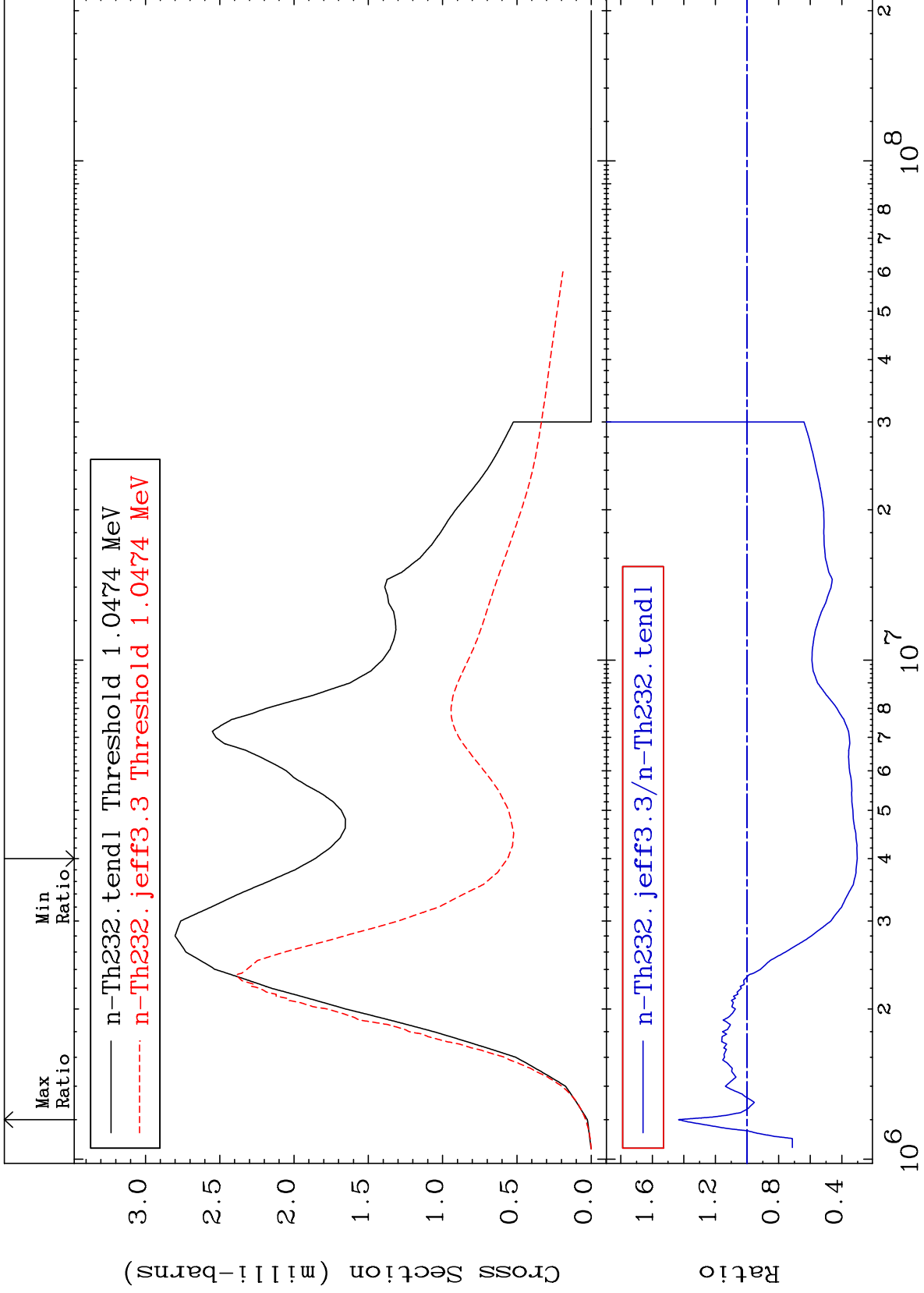
Incident Energy (eV)

90-Th-232

MAT 9040

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

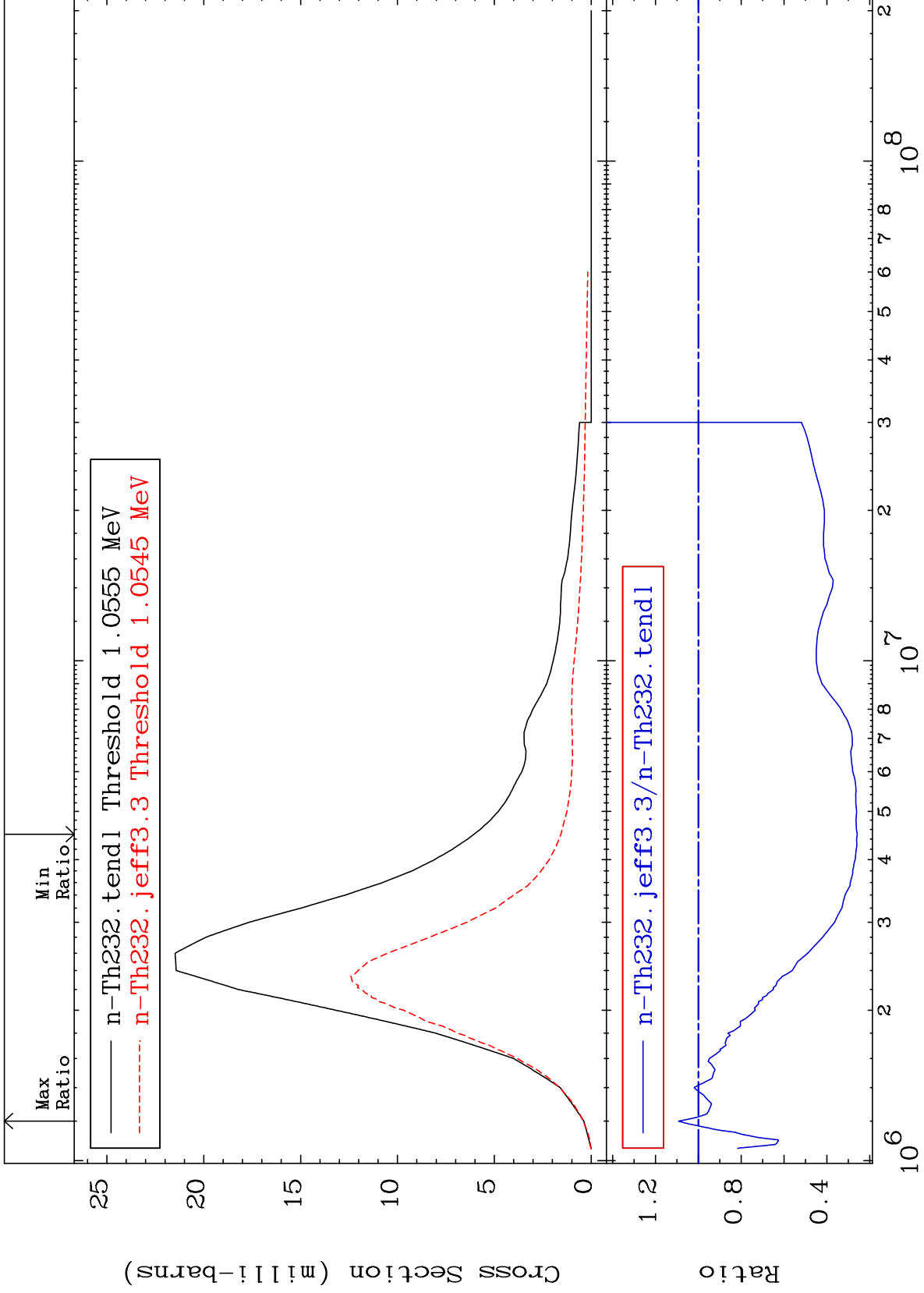
90-Th-232
-69.76 To 43.32 %



MAT 9040

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

90-Th-232
-74.20 To 9.184 %



29

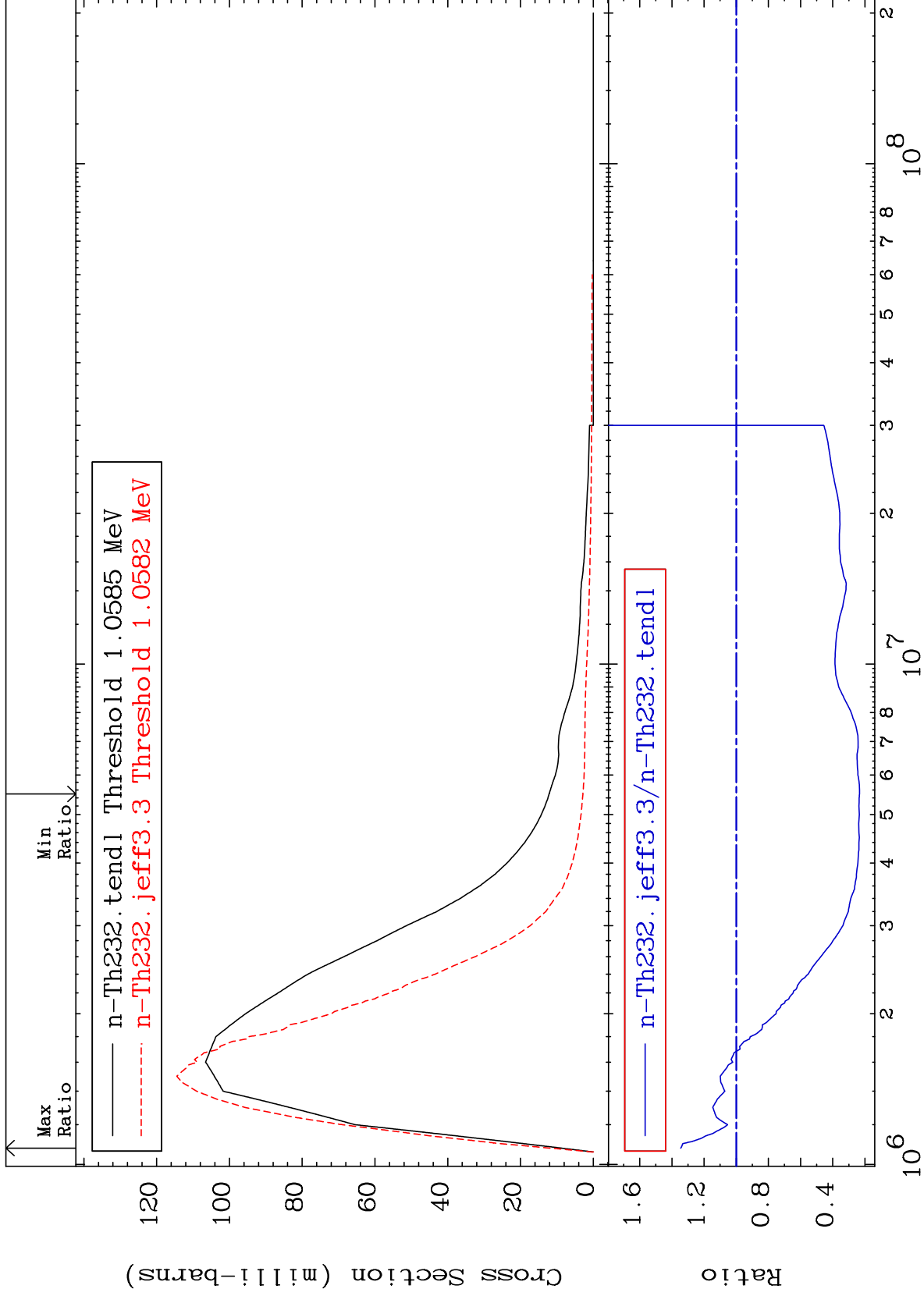
Incident Energy (eV)

90-Th-232

MAT 9040

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

90-Th-232
-76.66 To 34.48 %



Incident Energy (eV)

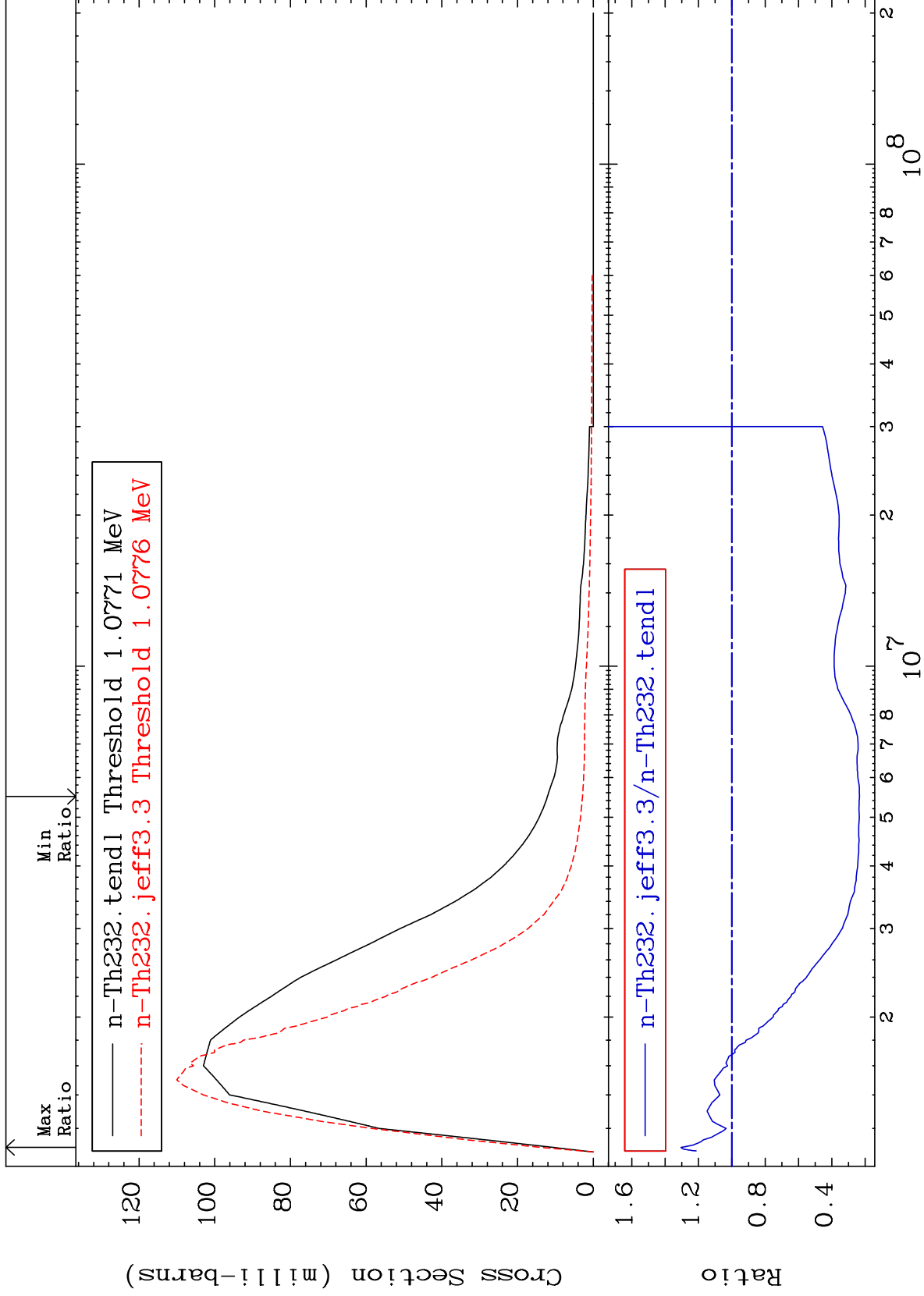
90-Th-232

30

MAT 9040

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

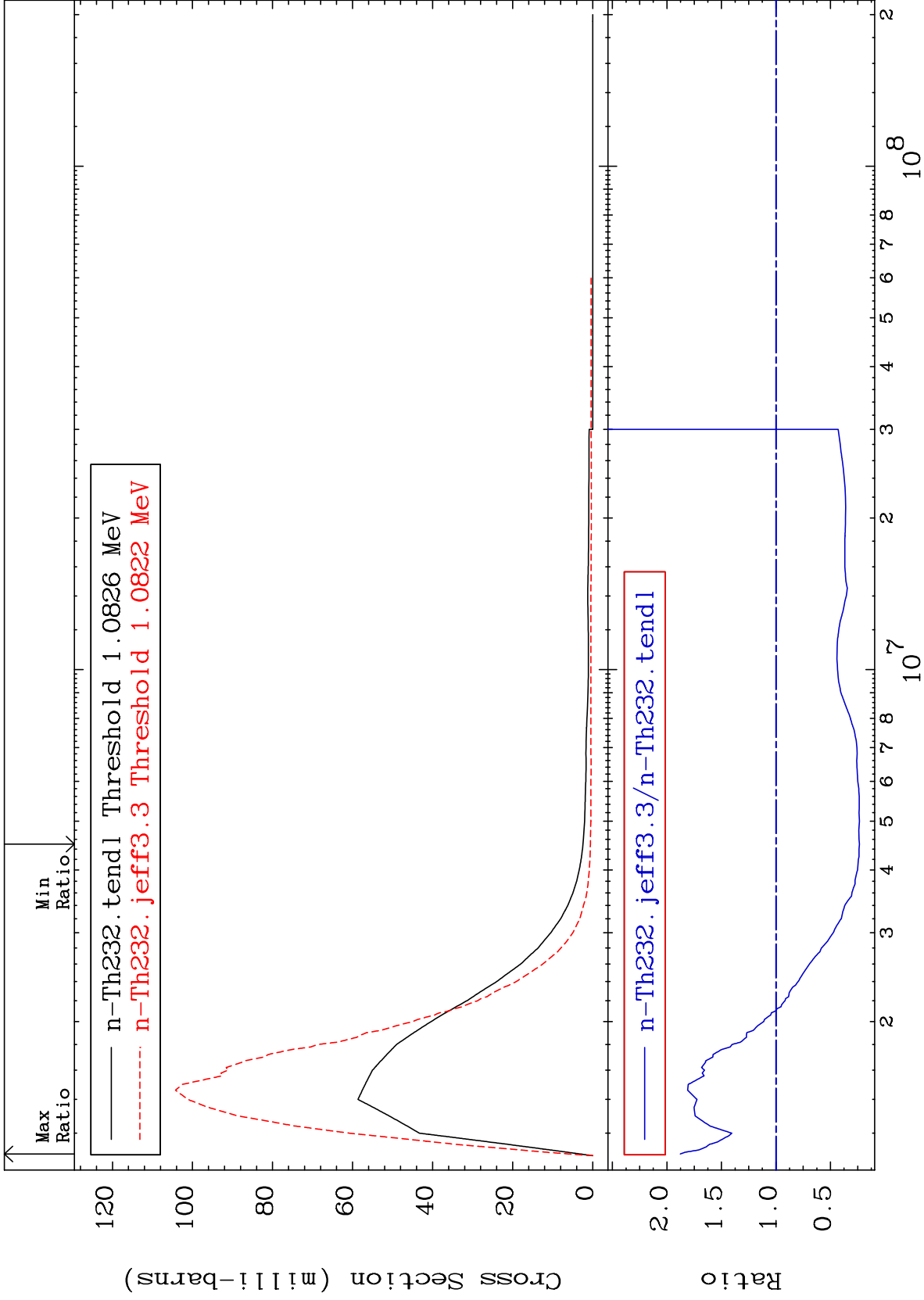
90-Th-232
-76.64 To 30.64 %



MAT 9040

MT= 71 (n,n') Level
Cross Section

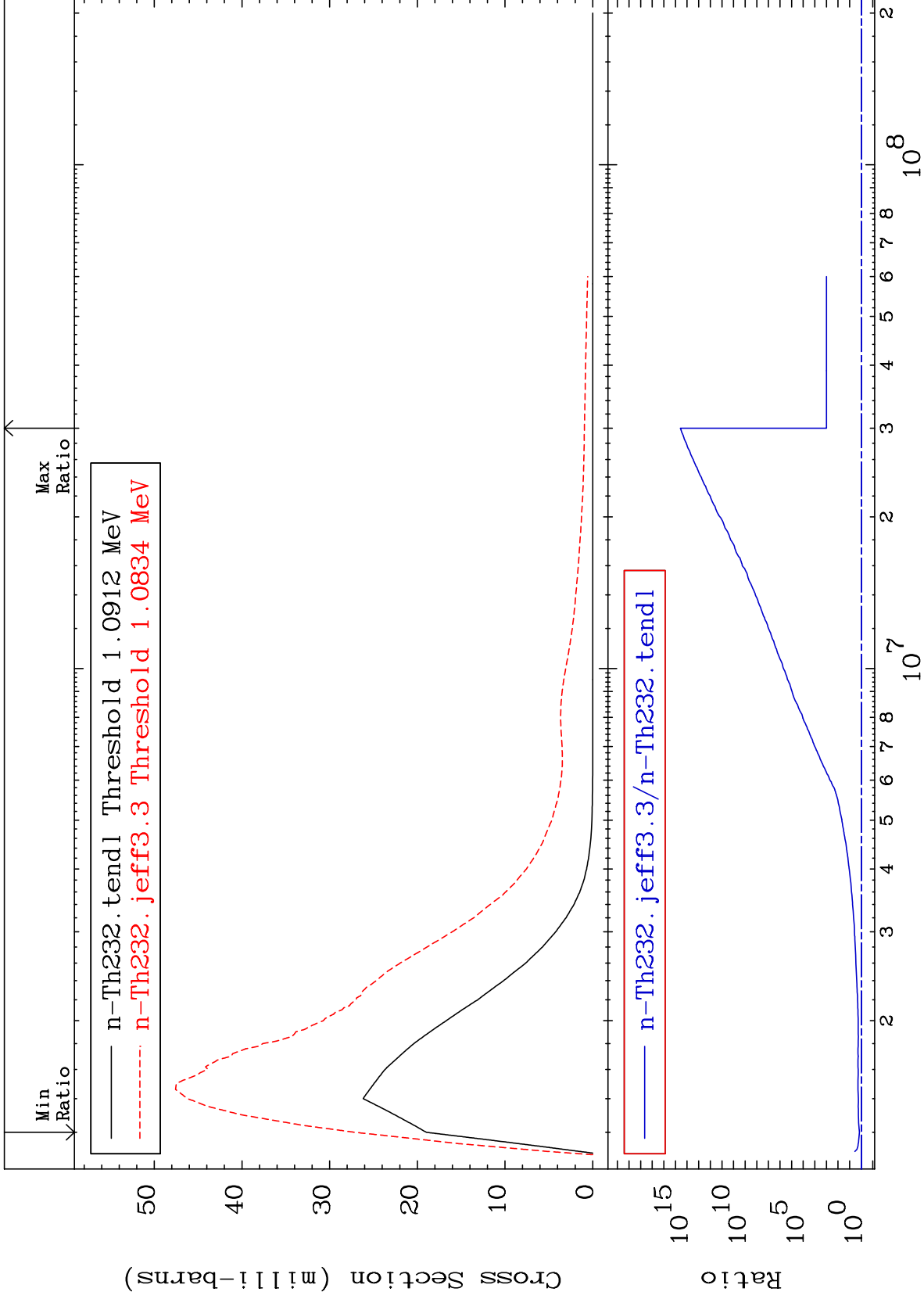
90-Th-232
-76.60 To 87.68 %



MAT 9040

MT= 72 (n,n') Level
Cross Section

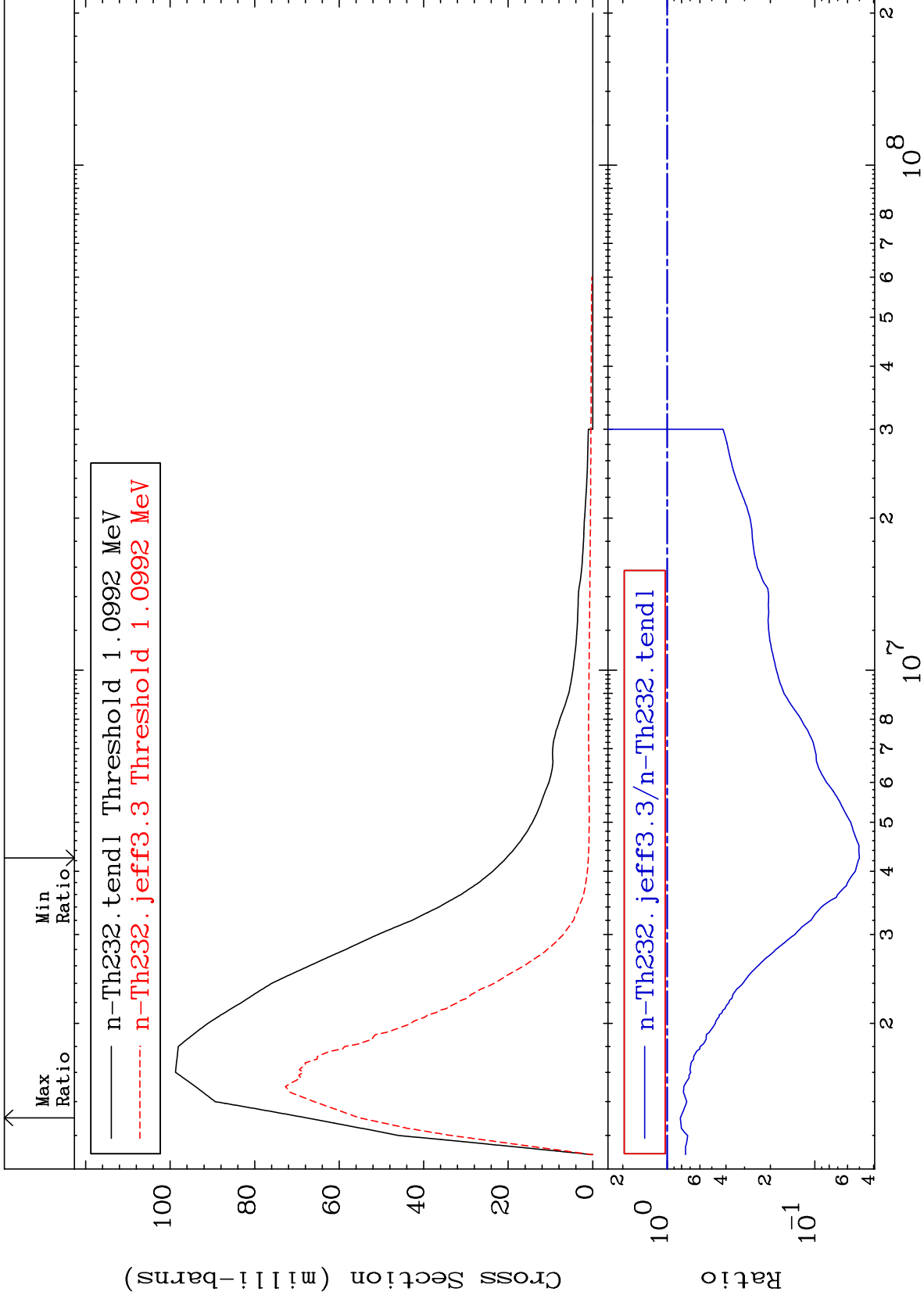
90-Th-232
42.85 To 9999. %



MAT 9040

MT= 73 (n,n') Level
Cross Section

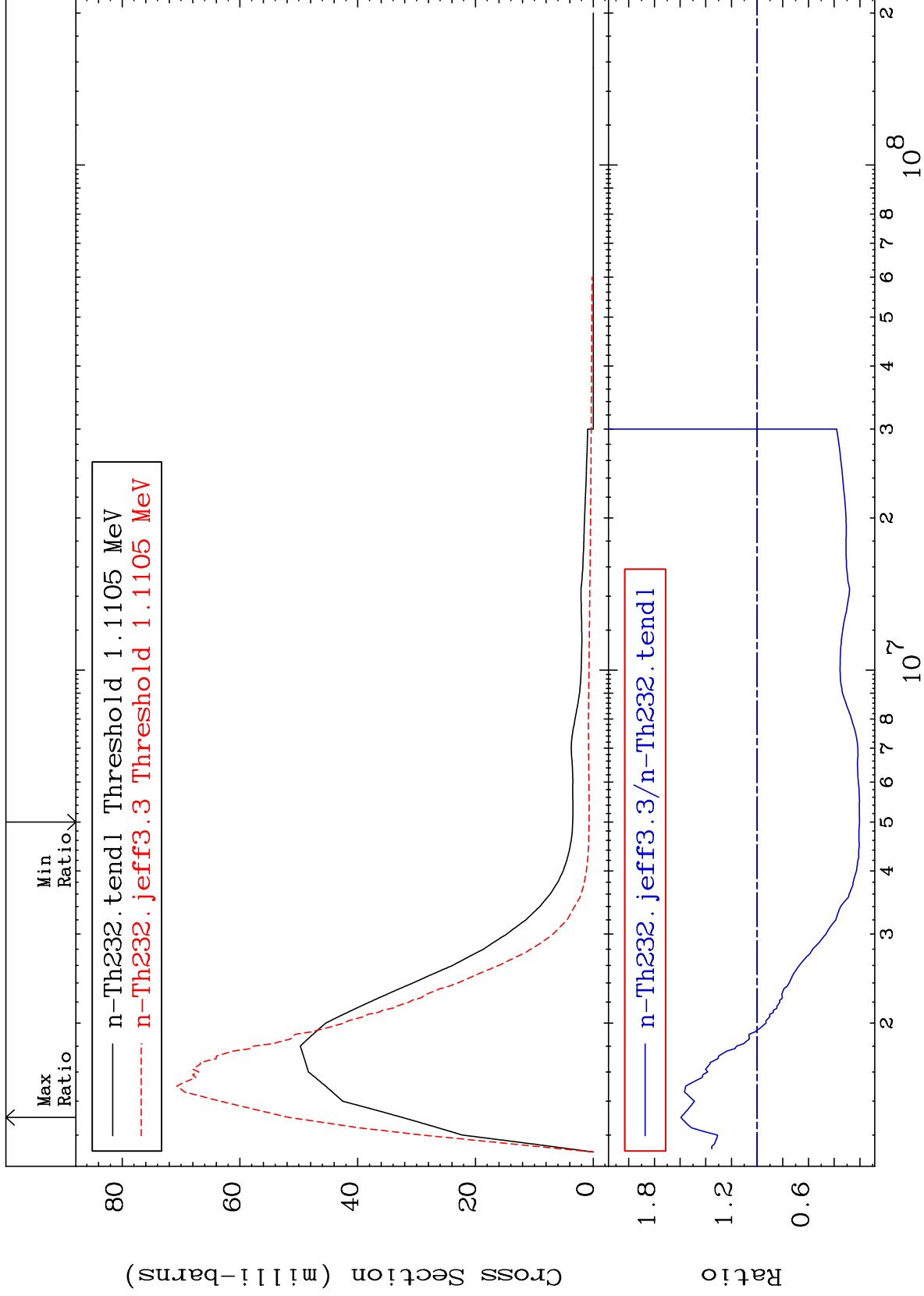
90-Th-232
-95.01 To -18.48%



MAT 9040

MT= 74 (n,n') Level
Cross Section

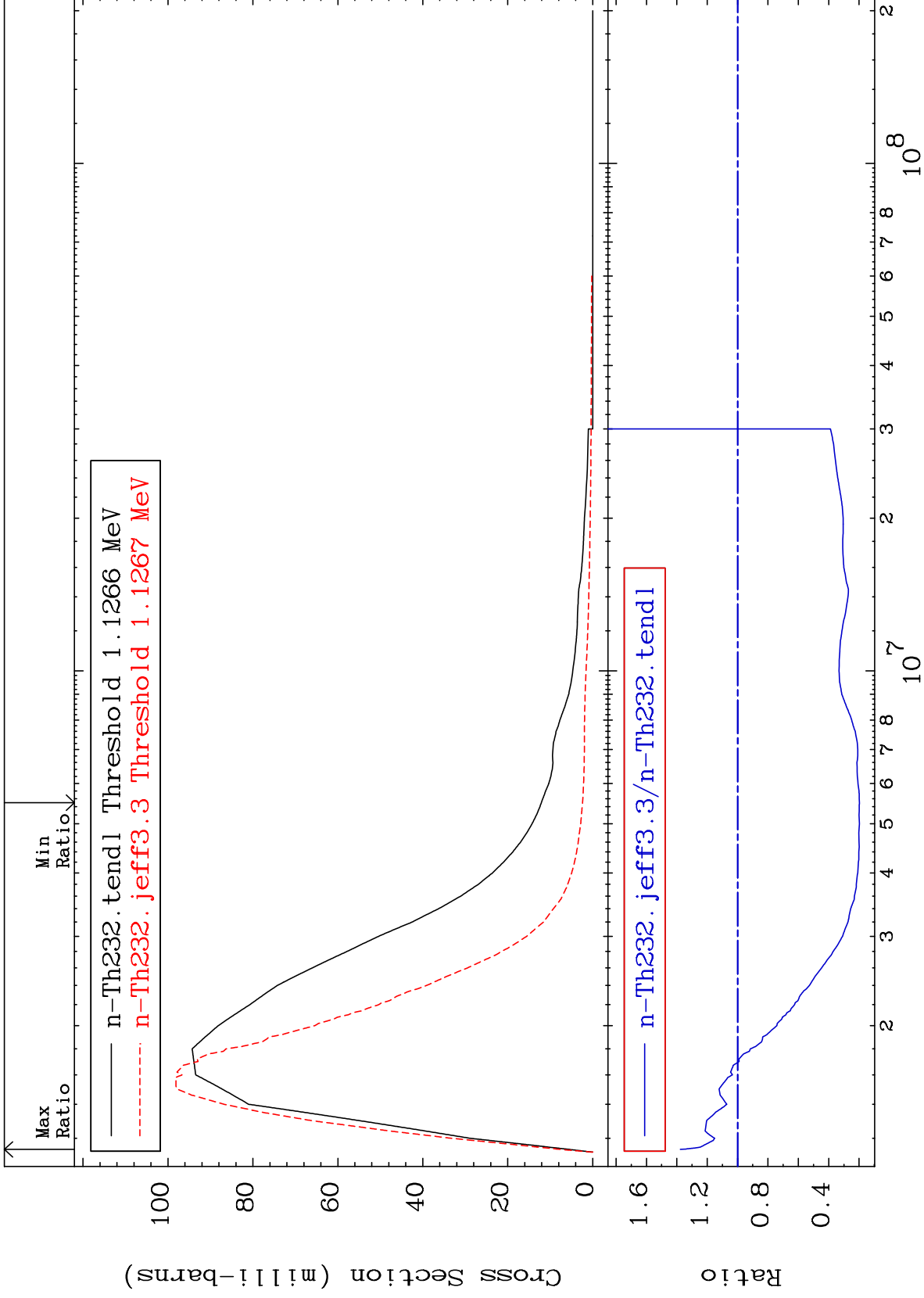
90-Th-232
-79.75 To 59.48 %



MAT 9040

MT= 75 (n,n') Level
Cross Section

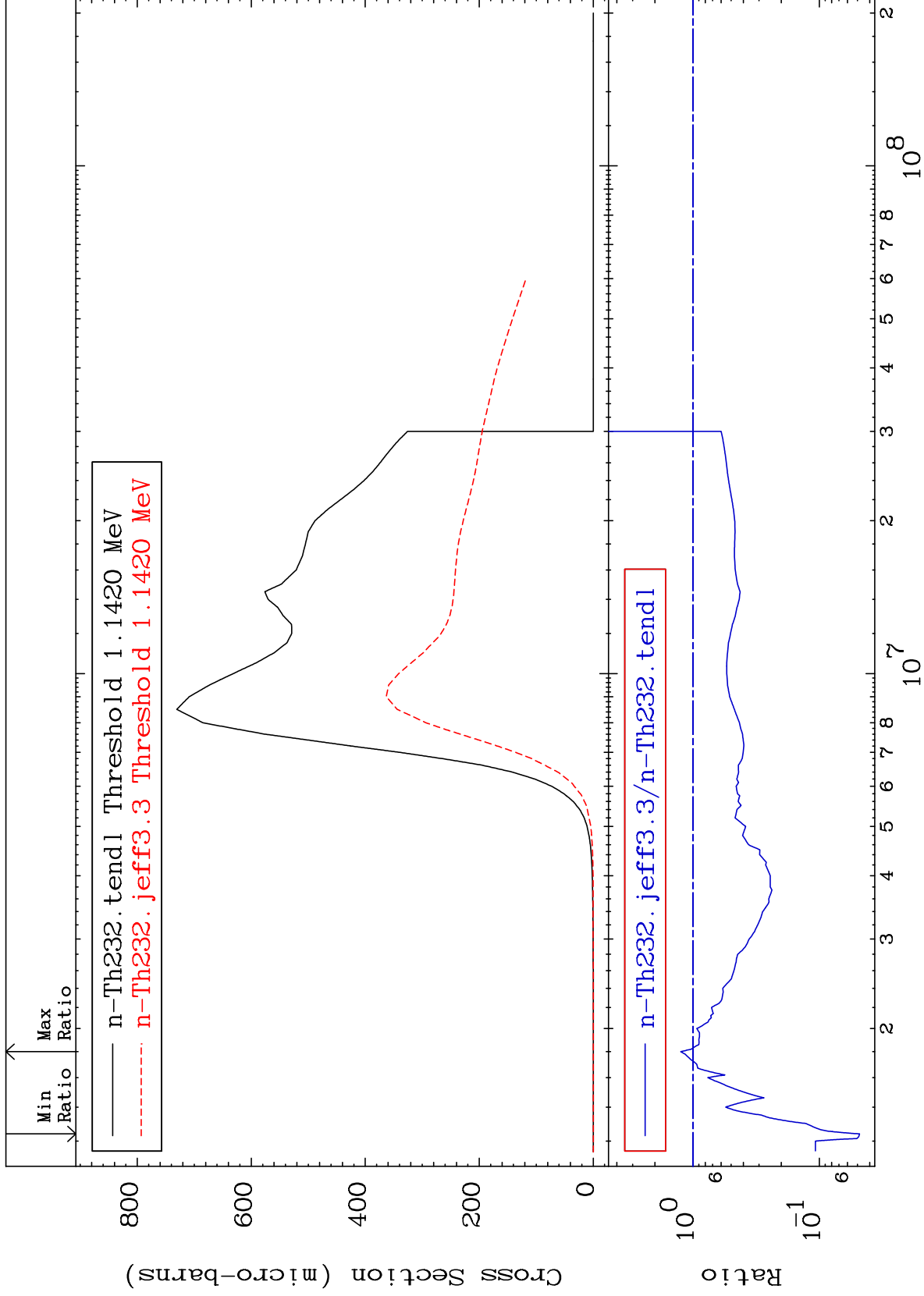
90-Th-232
-80.23 To 37.67 %



MAT 9040

MT= 76 (n,n') Level
Cross Section

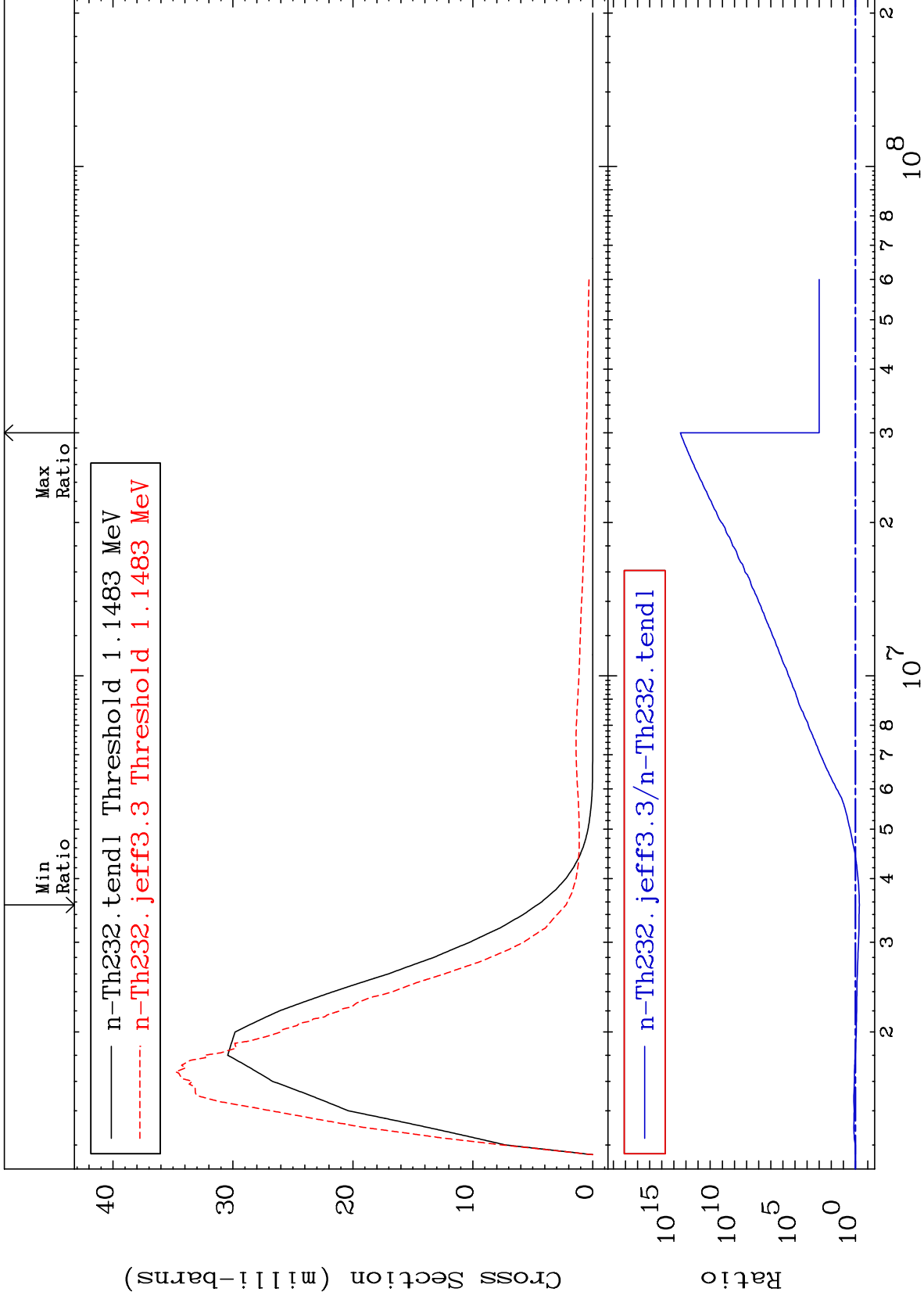
90-Th-232
-95.19 To 24.95 %



MAT 9040

MT= 77 (n,n') Level
Cross Section

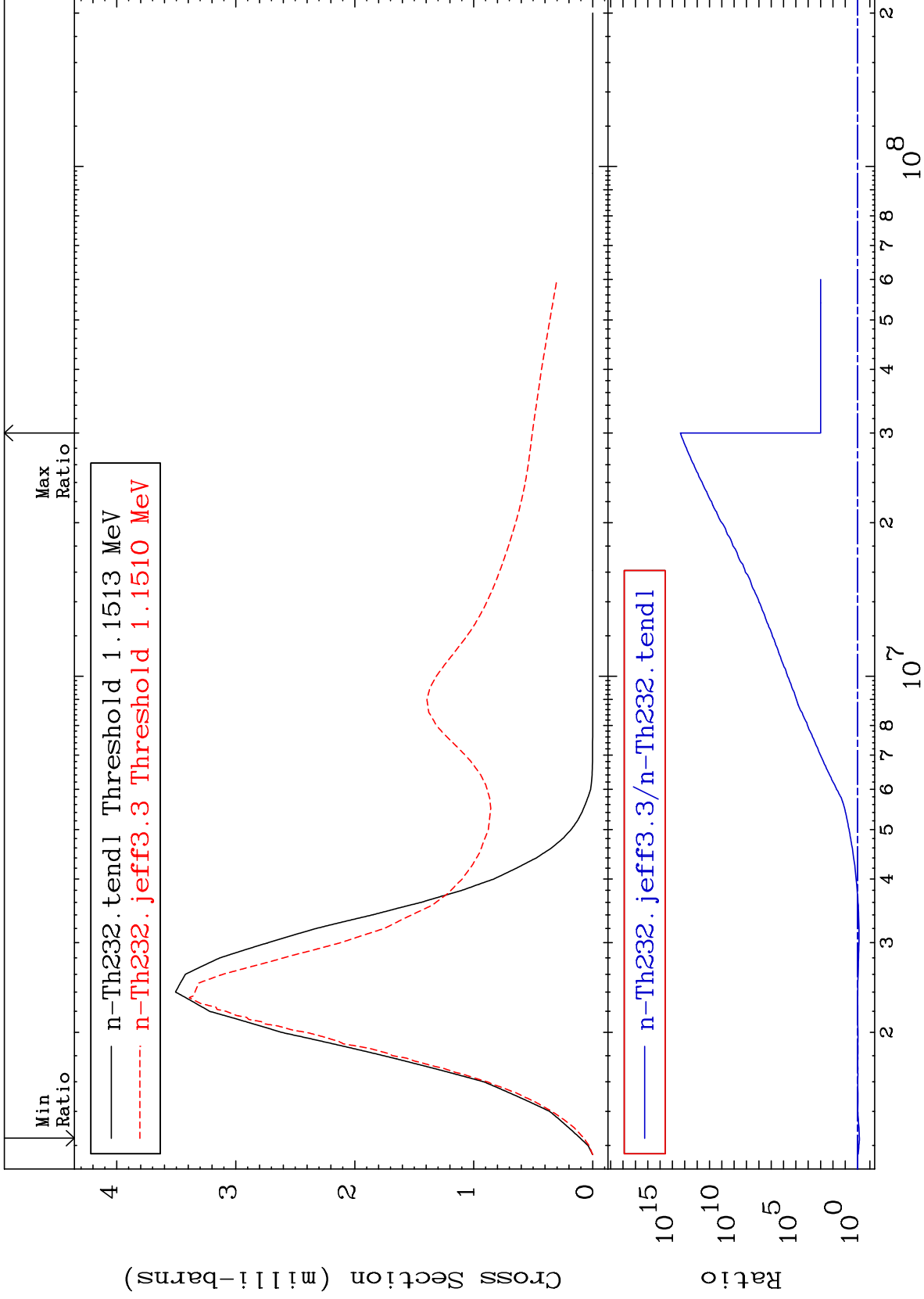
90-Th-232
-52.01 To 9999. %



MAT 9040

MT= 78 (n,n') Level
Cross Section

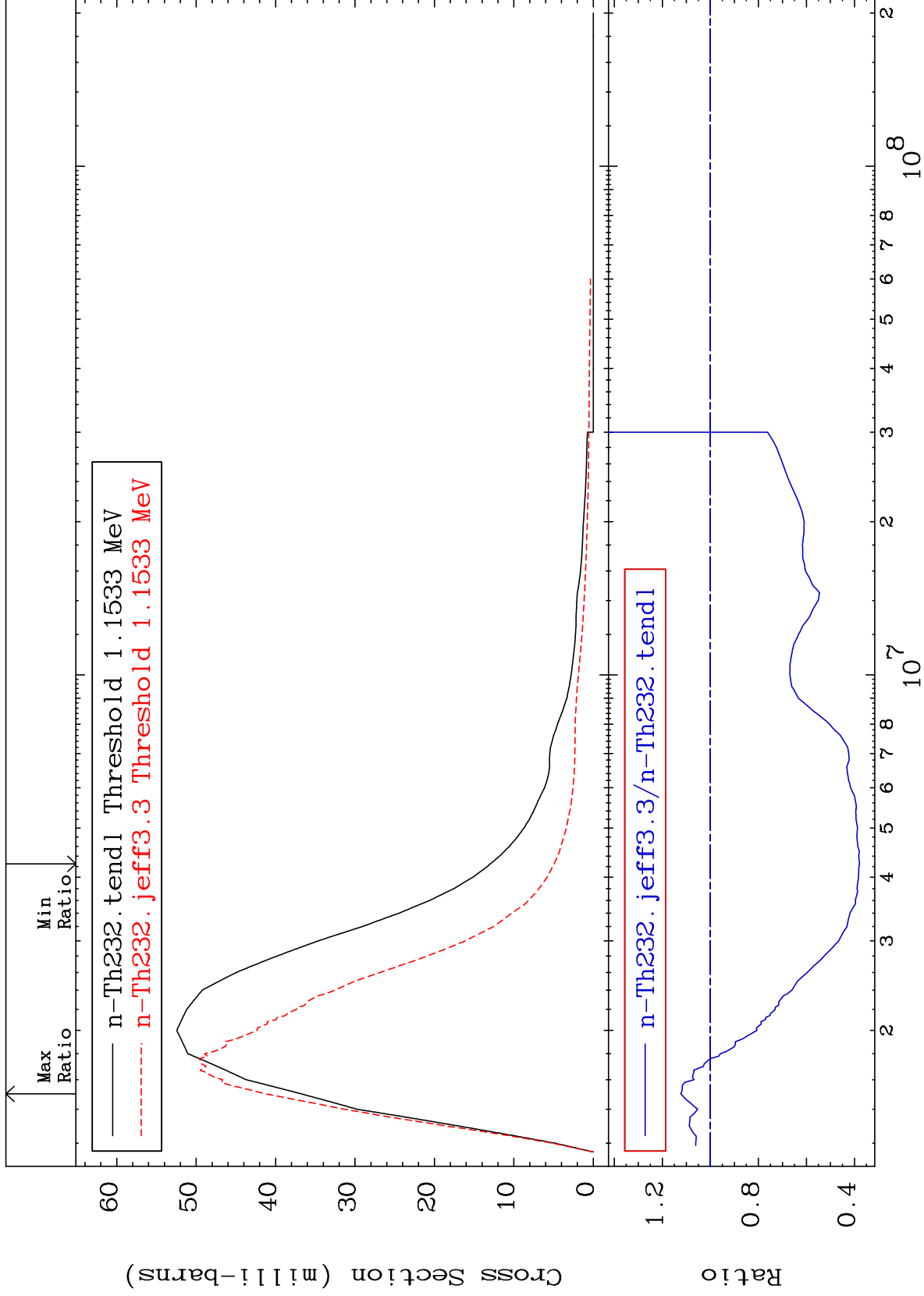
90-Th-232
-29.33 To 9999. %



MAT 9040

MT= 79 (n,n') Level
Cross Section

90-Th-232
-62.10 To 12.31 %



40

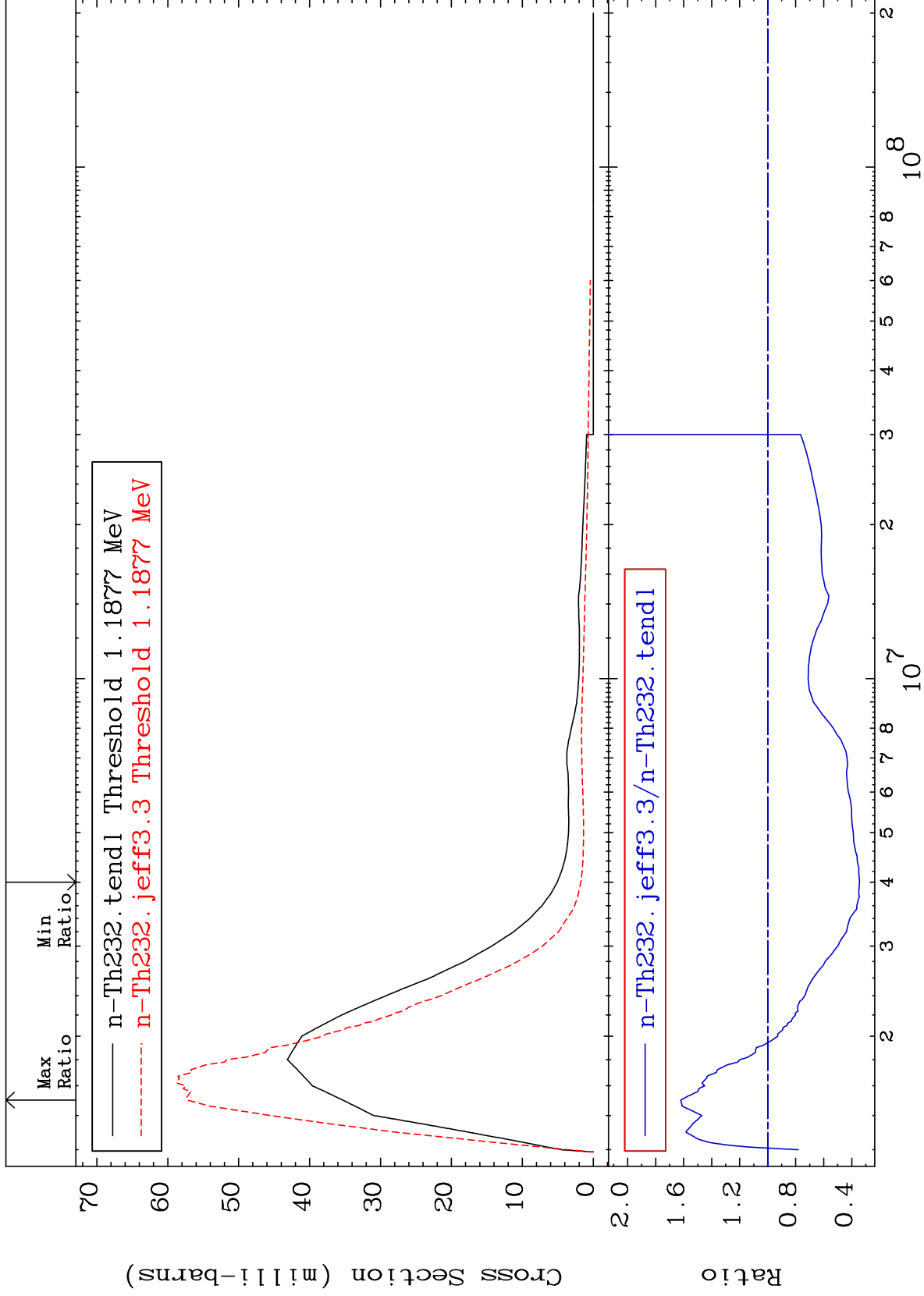
Incident Energy (eV)

90-Th-232

MAT 9040

MT= 80 (n,n') Level
Cross Section

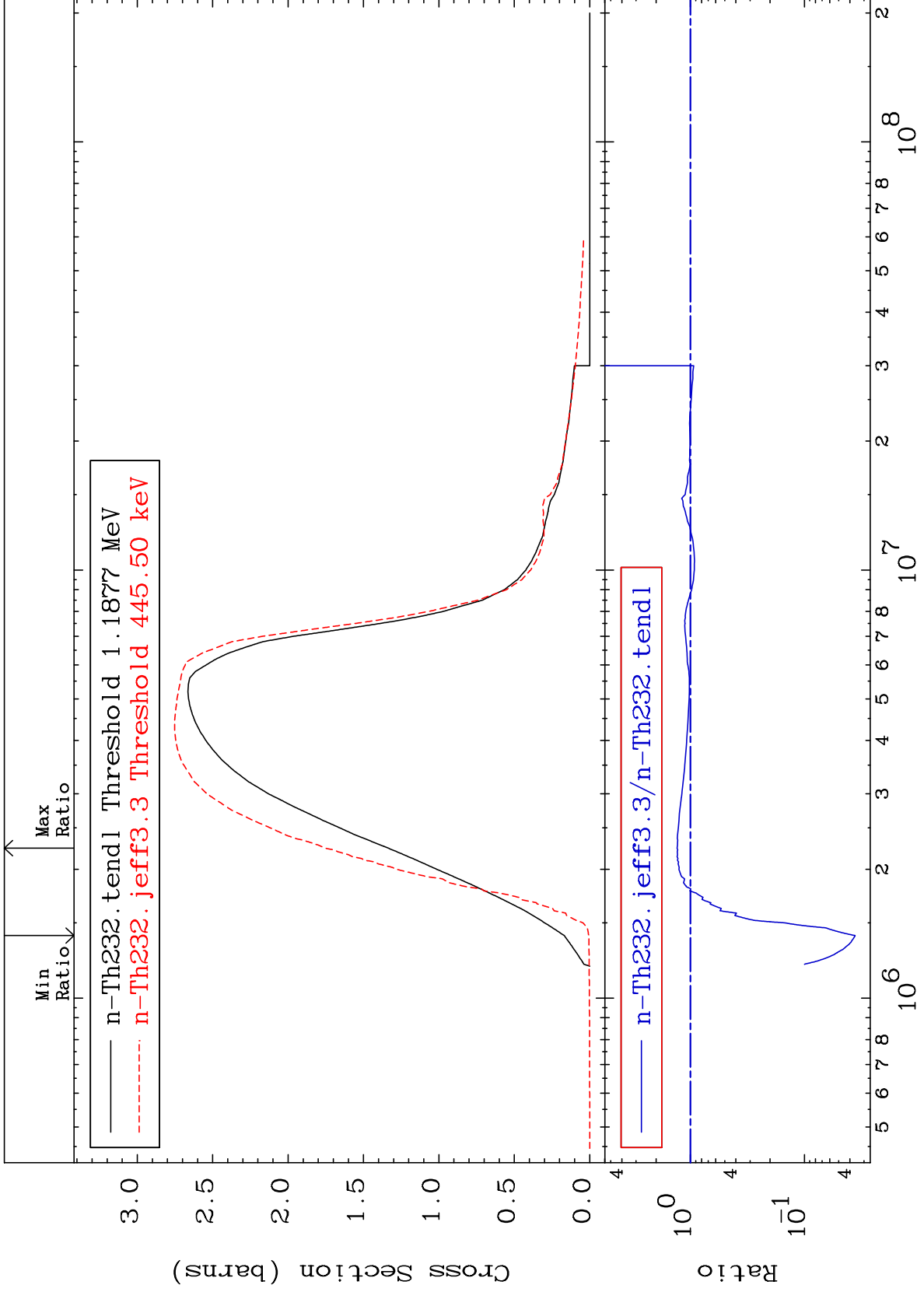
90-Th-232
-65.56 To 62.09 %



MAT 9040

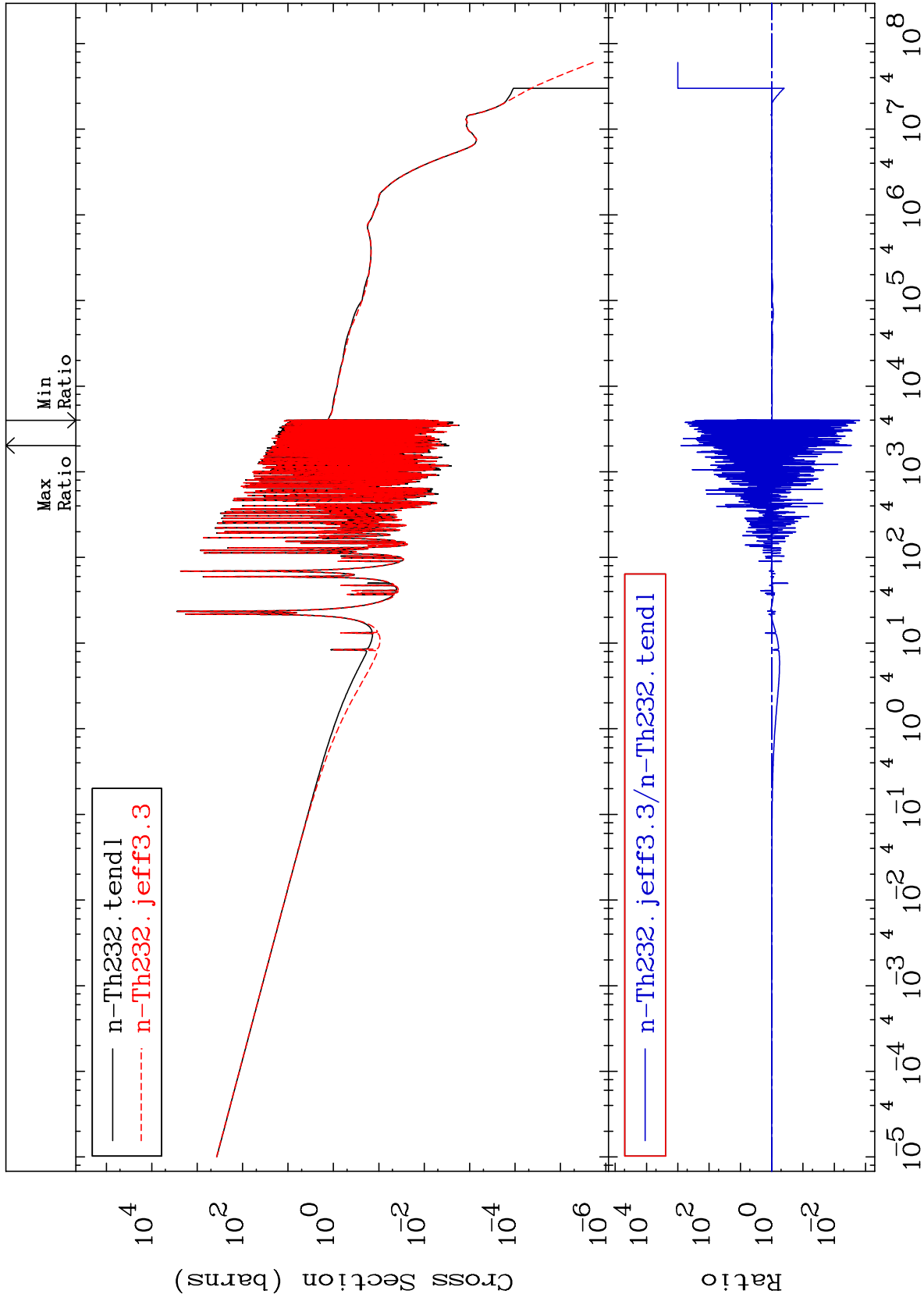
(n, n') Continuum
Cross Section

90-Th-232
-96.41 To 31.41 %



MAT 9040

(n, γ)
Cross Section
90-Th-232
-99.84 To 9999. %

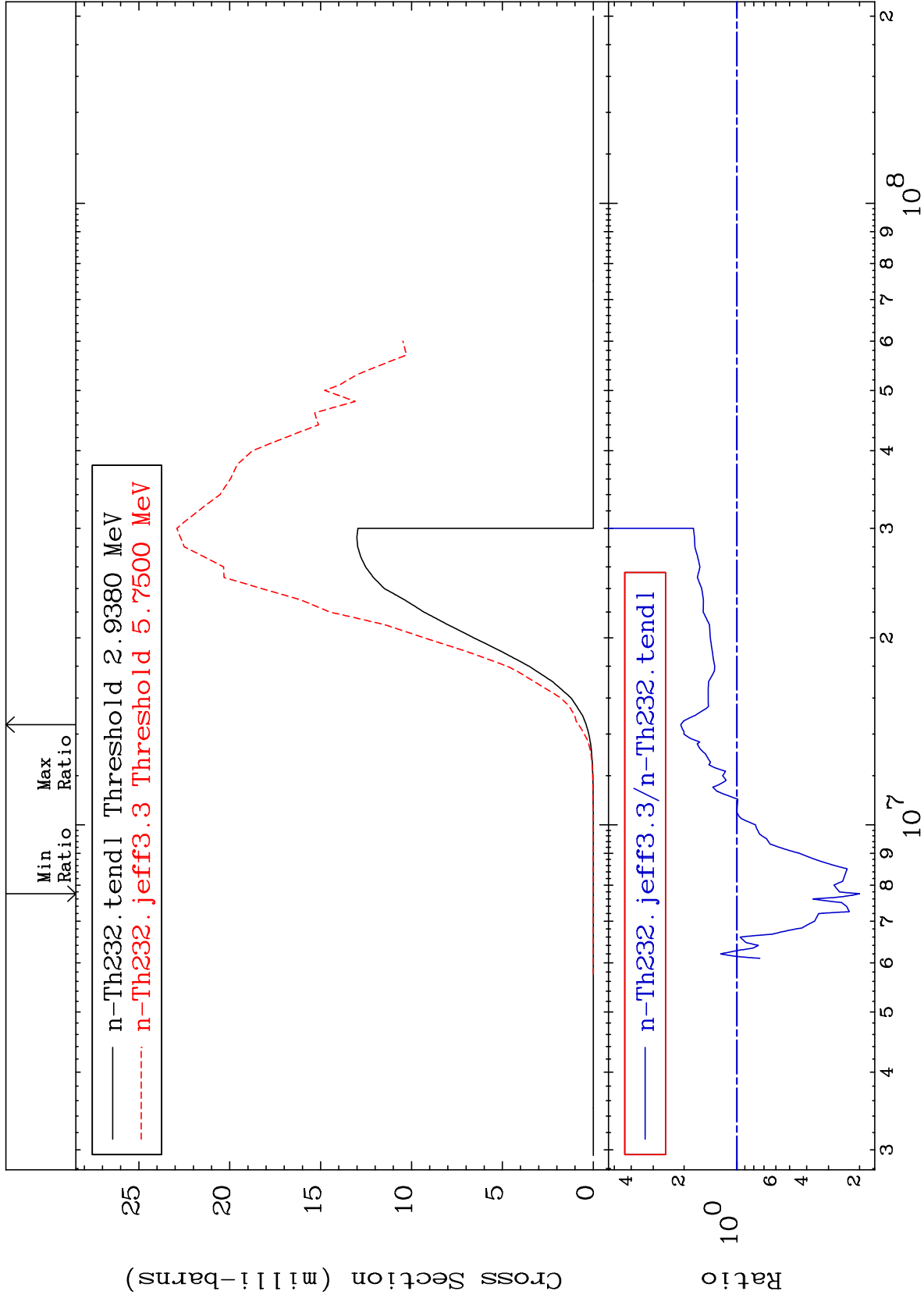


MAT 9040

90-Th-232

-80.01 To 108.8 %

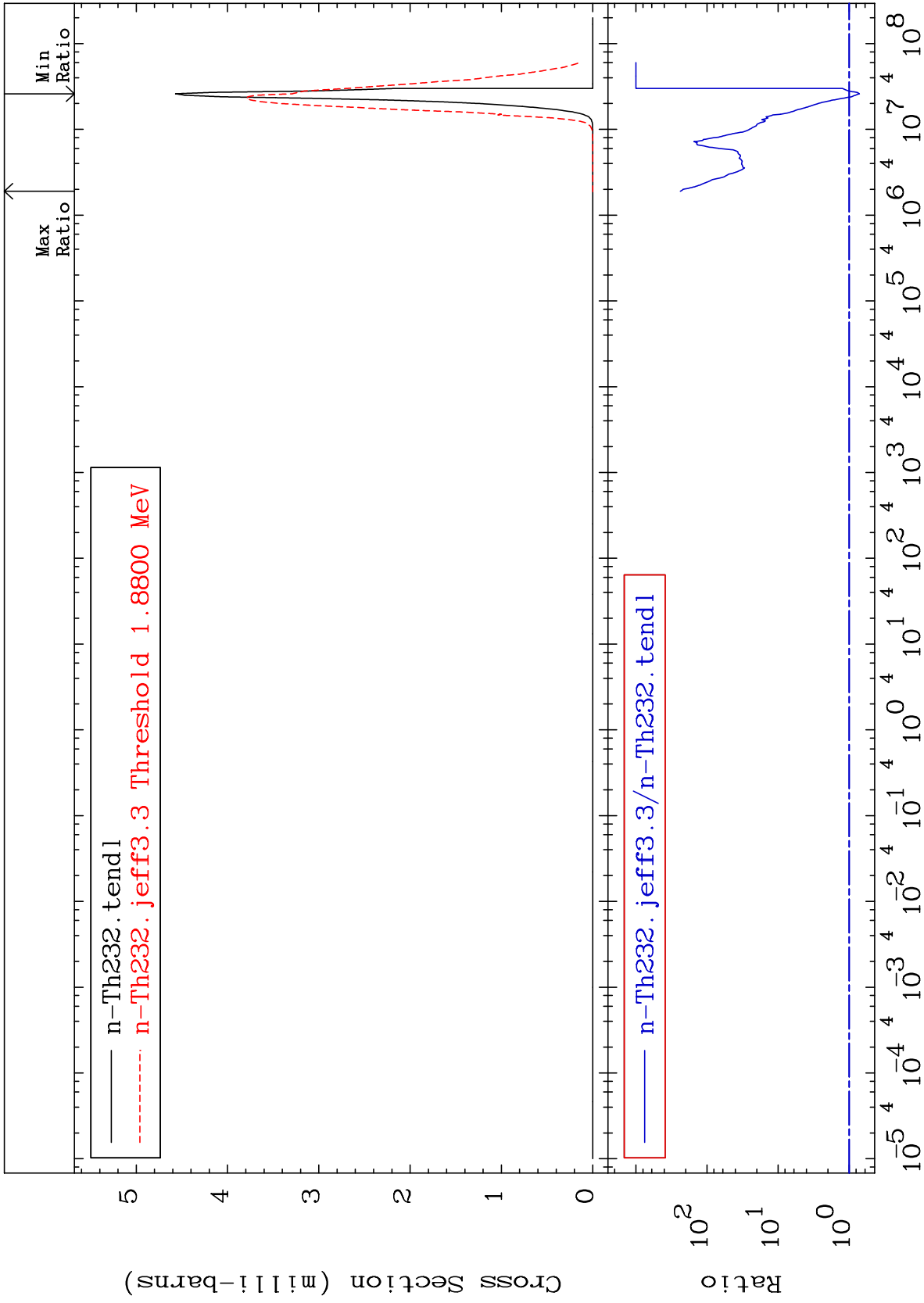
(n, p)
Cross Section

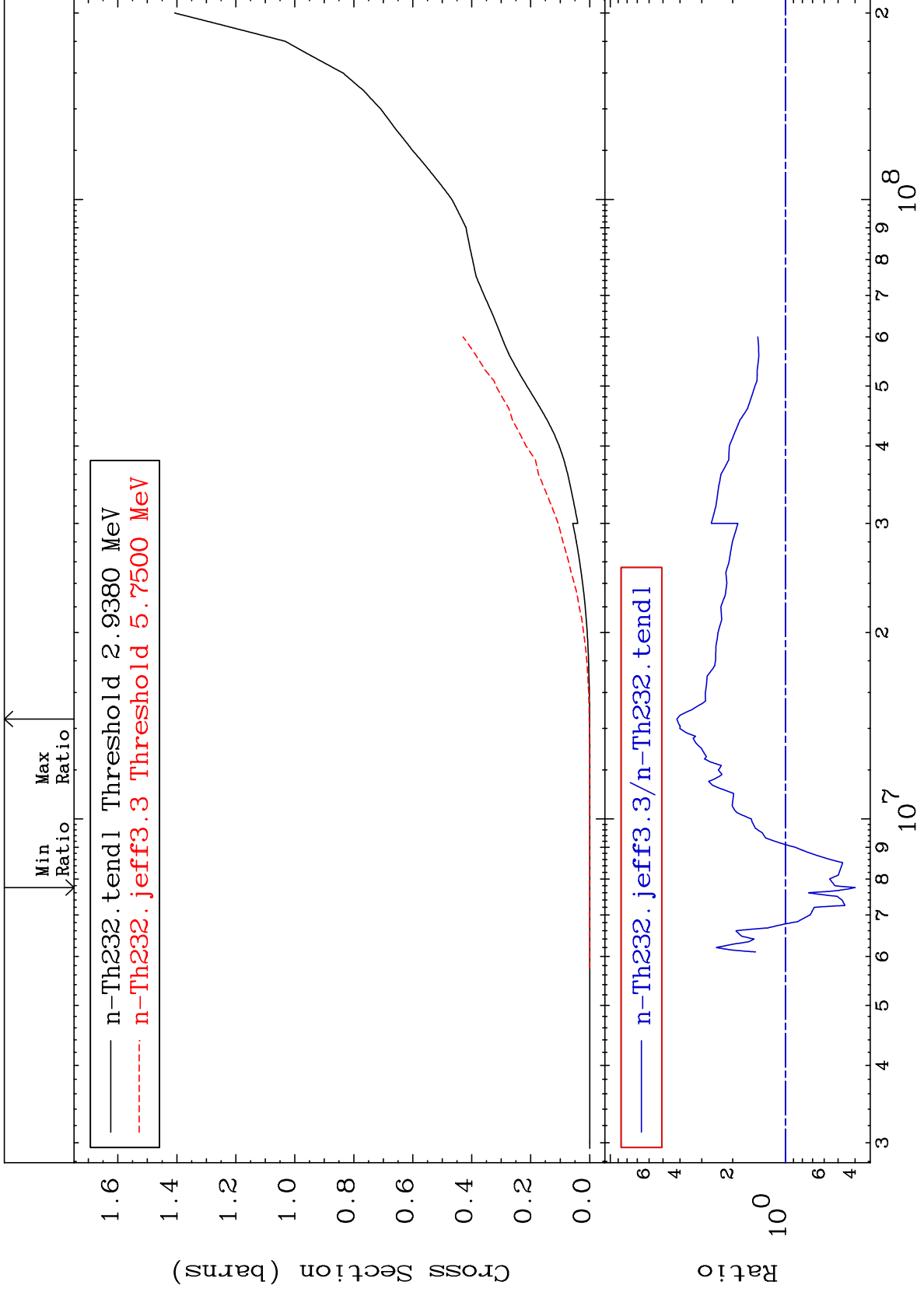


MAT 9040

(n, α)
Cross Section

90-Th-232
-27.99 To 9999. %

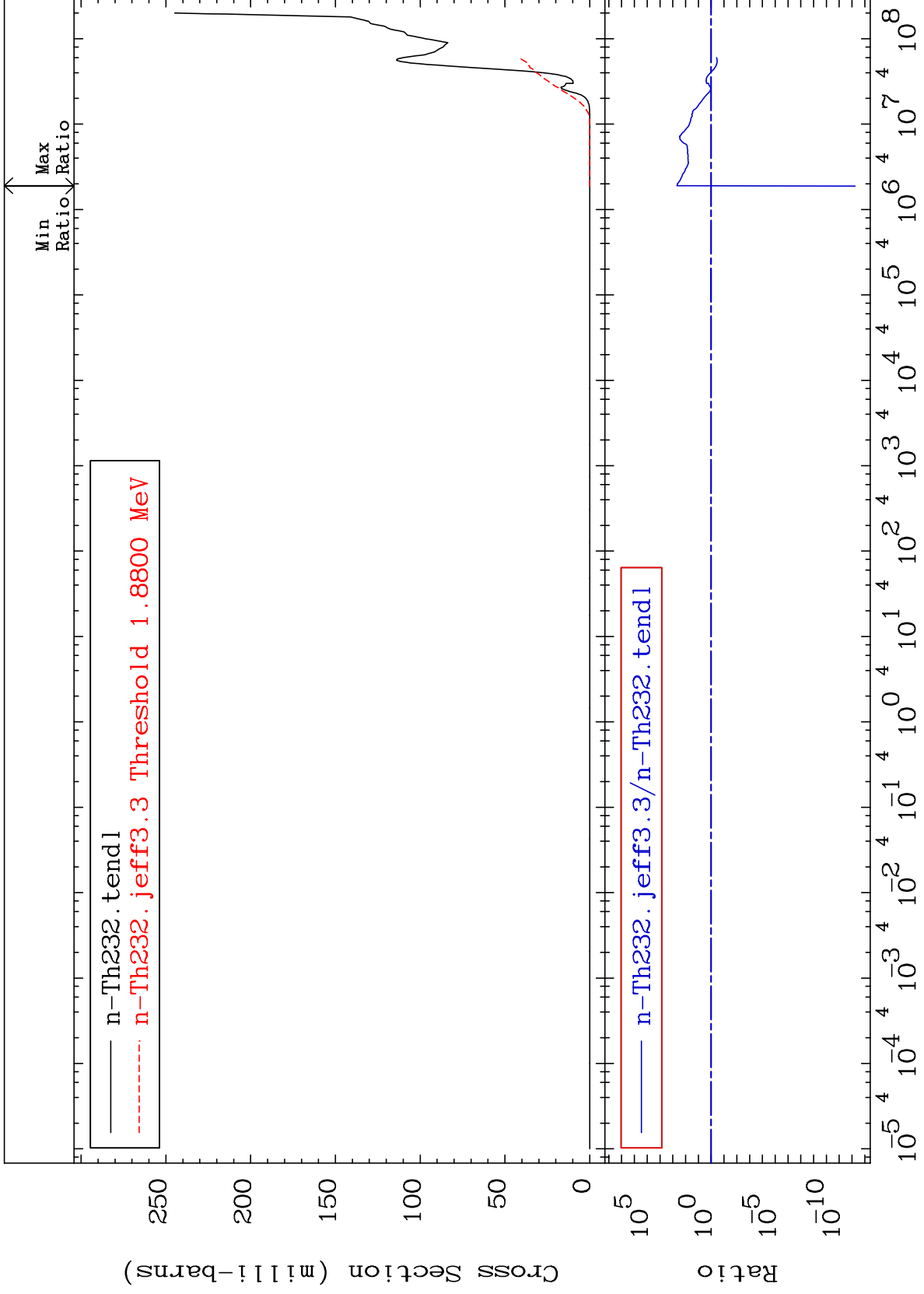




MAT 9040

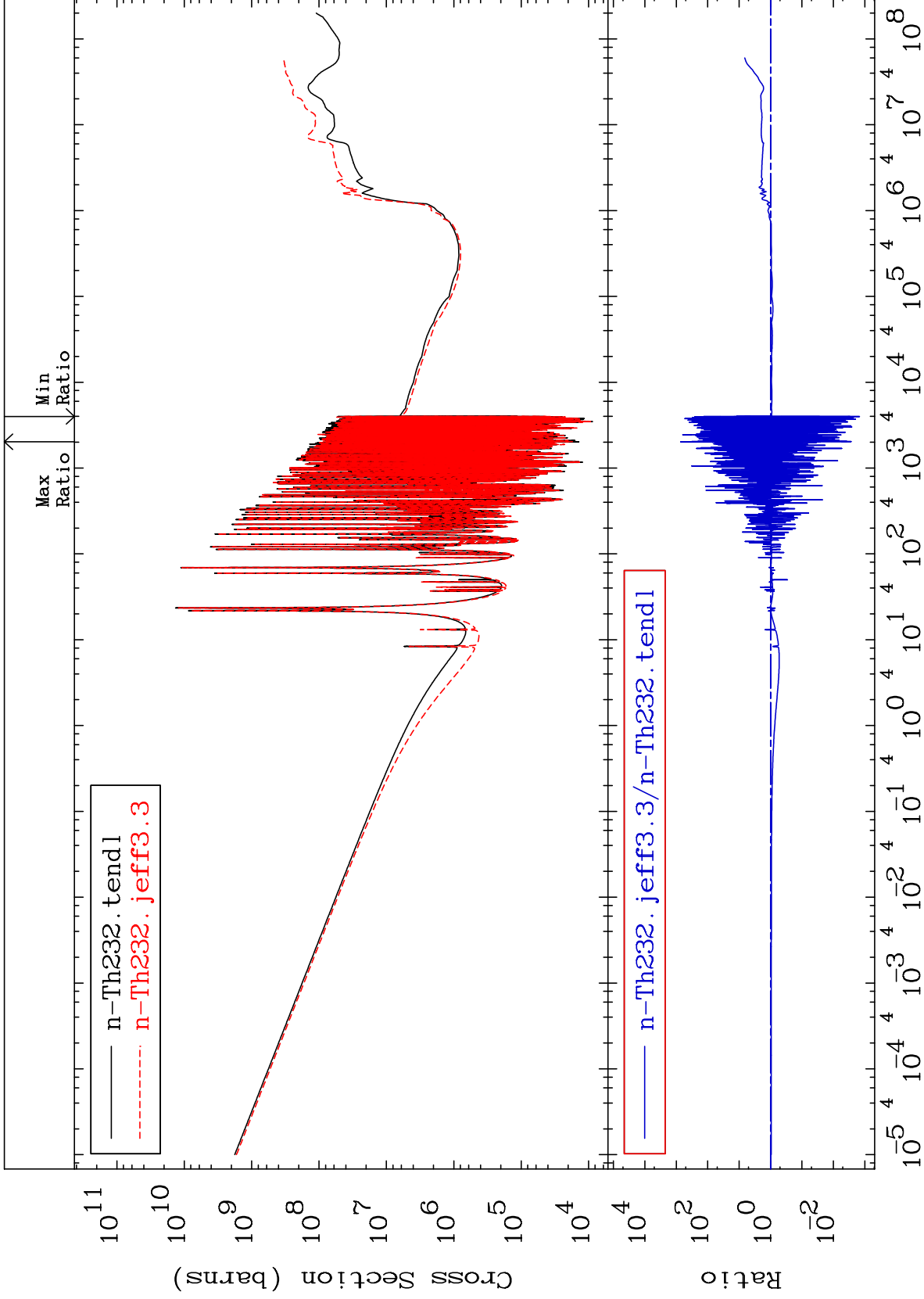
He-4 Production
Cross Section

90-Th-232
-100.0 To 9999. %



Cross Section

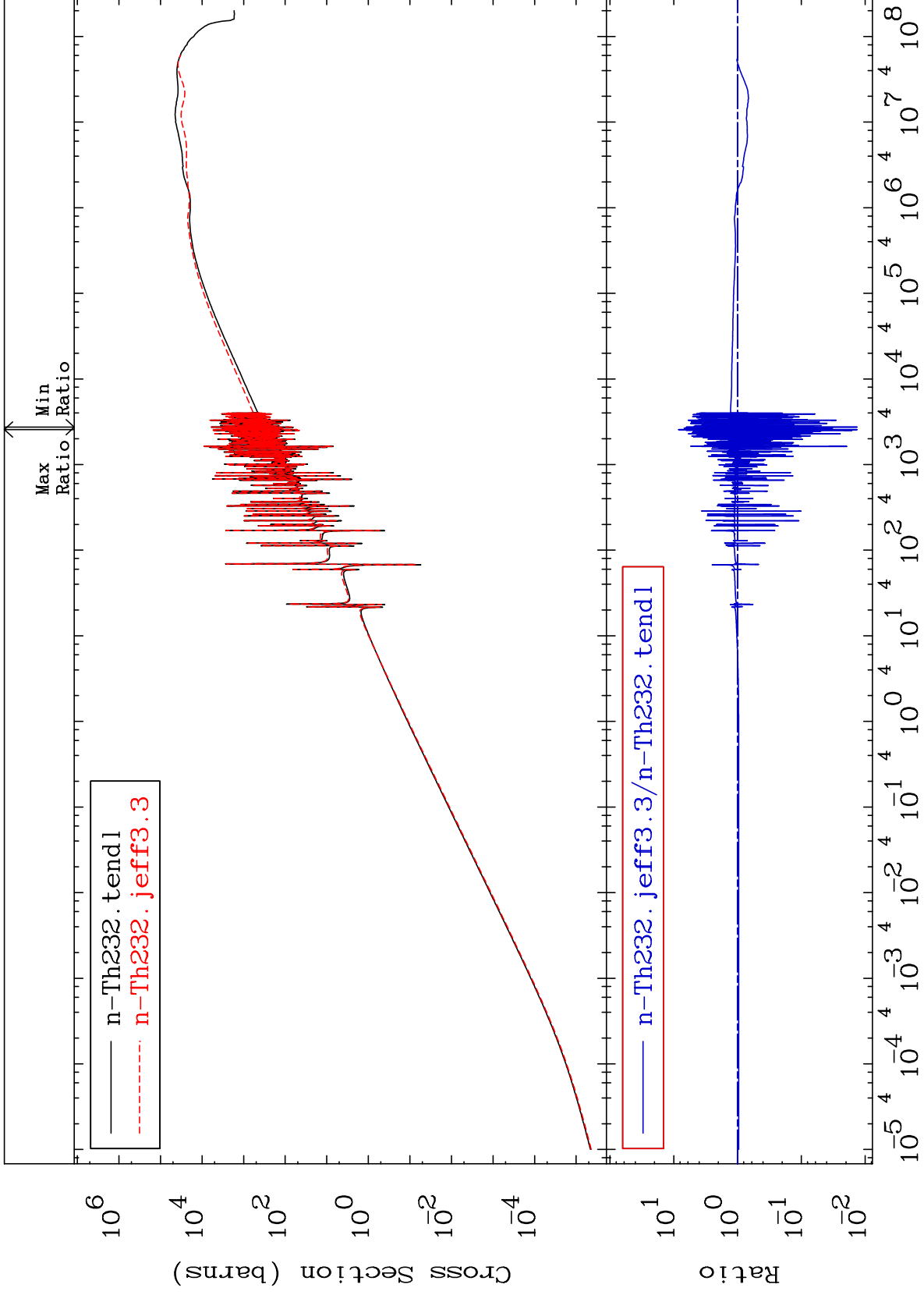
-99.85 To 9999. %

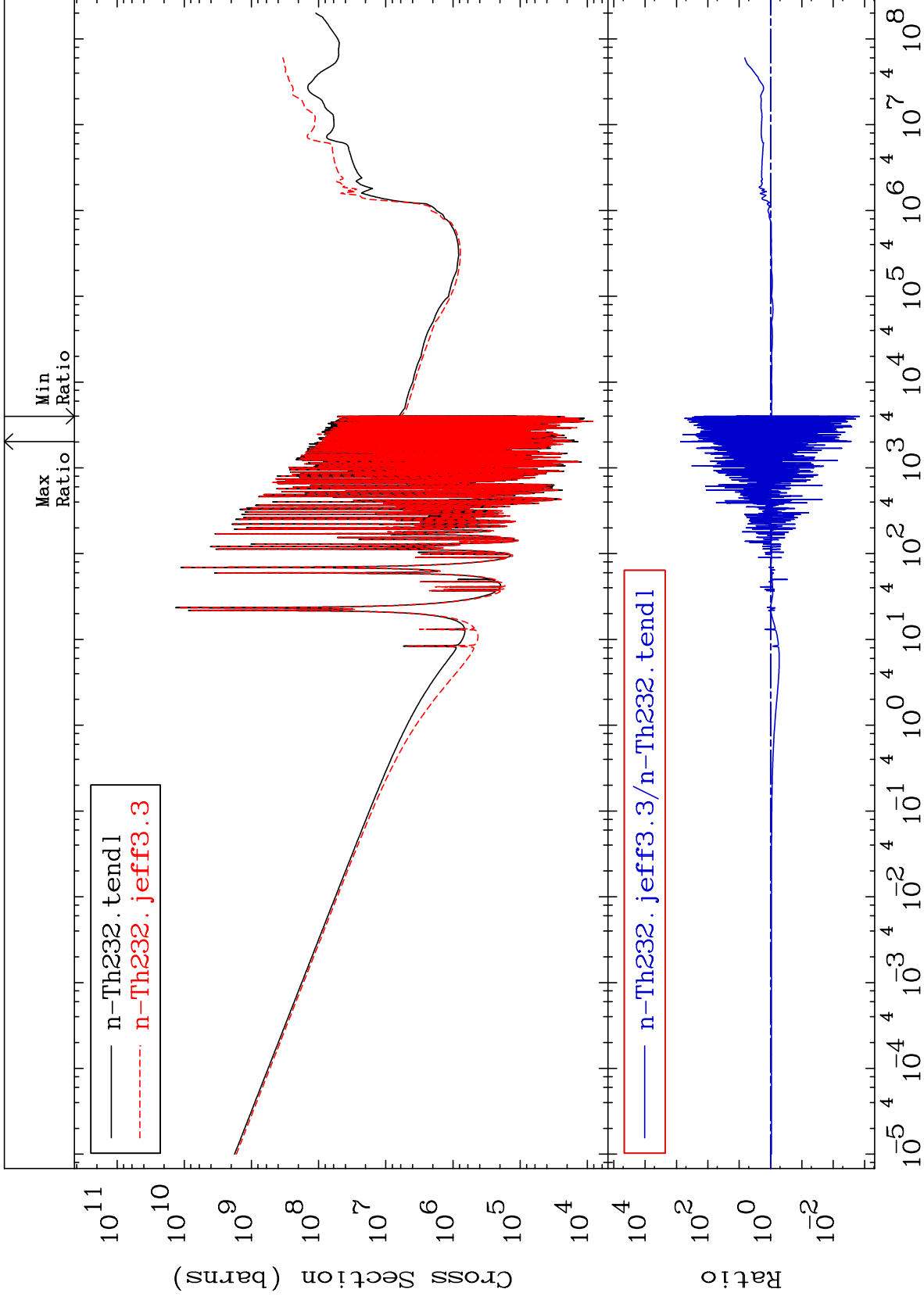


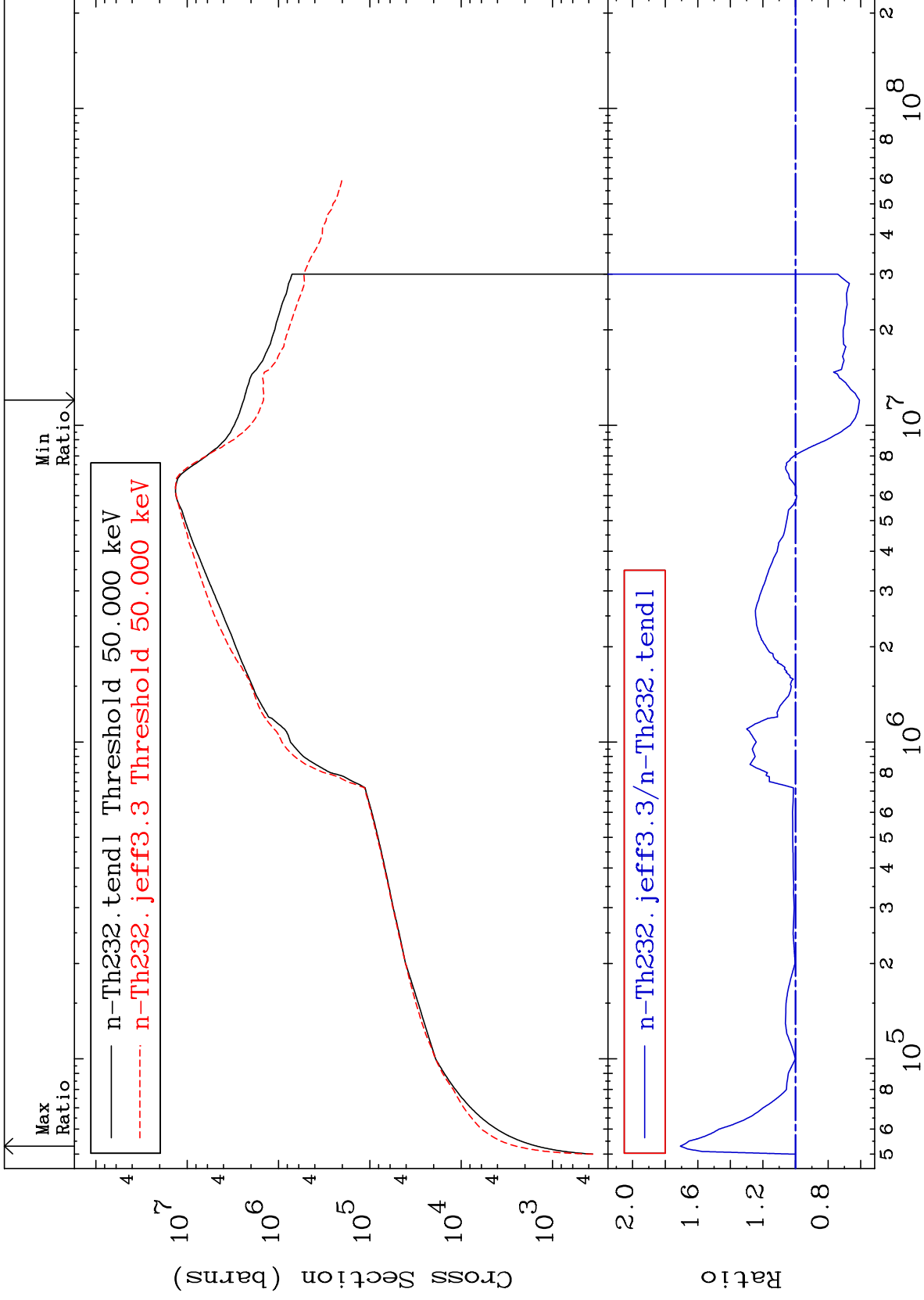
MAT 9040

Kerma elastic
Cross Section

90-Th-232
-98.67 To 738.7 %



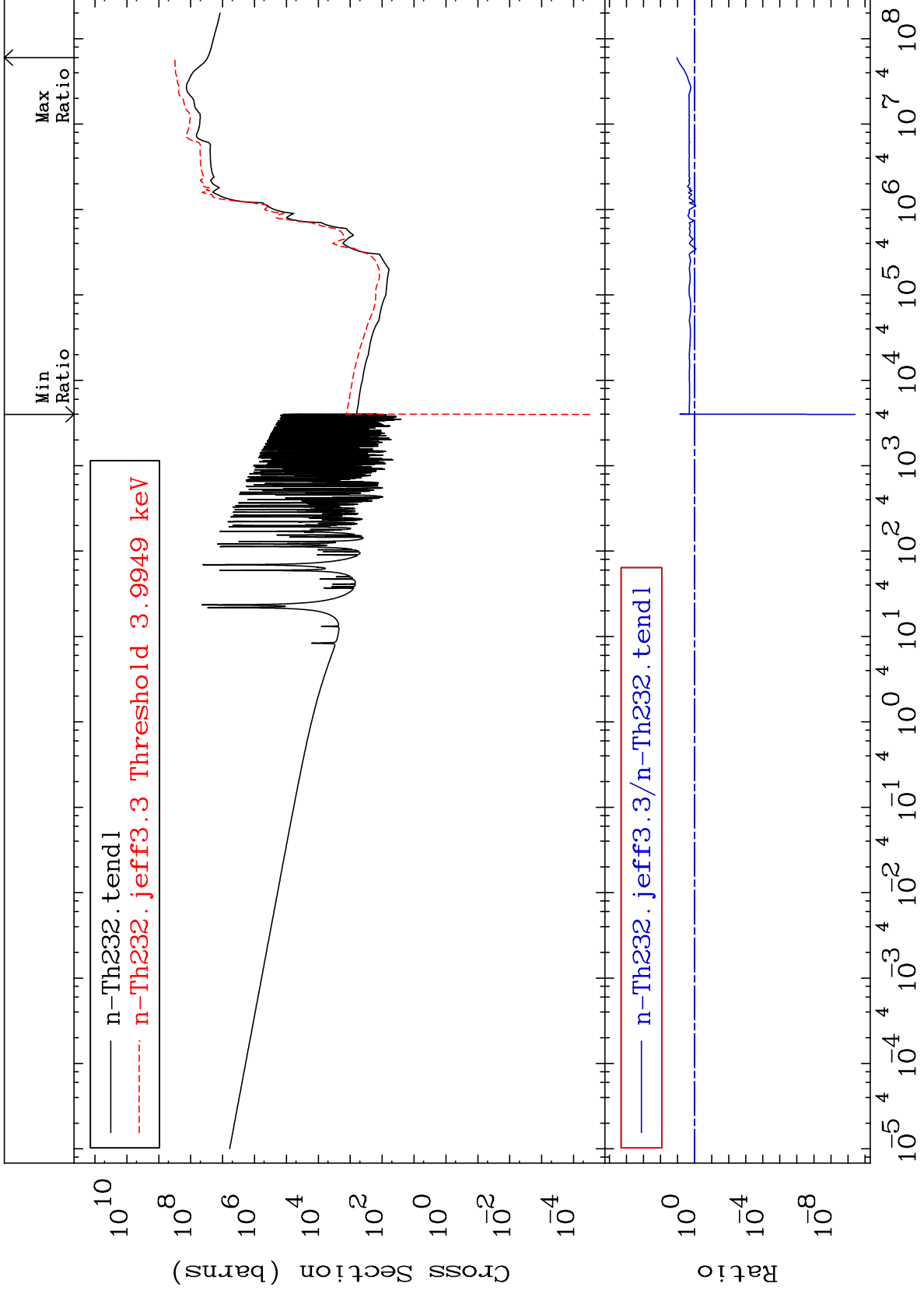


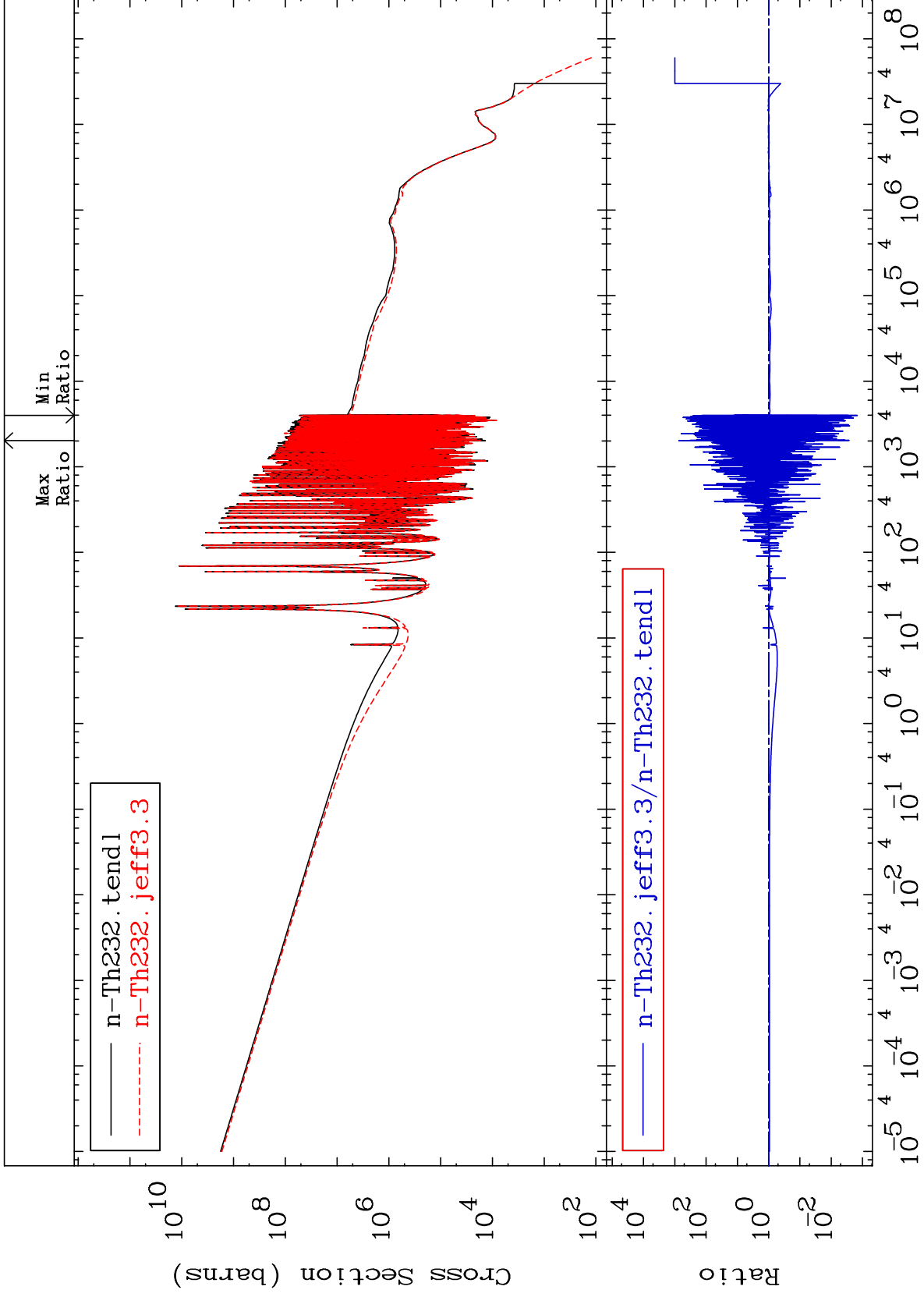


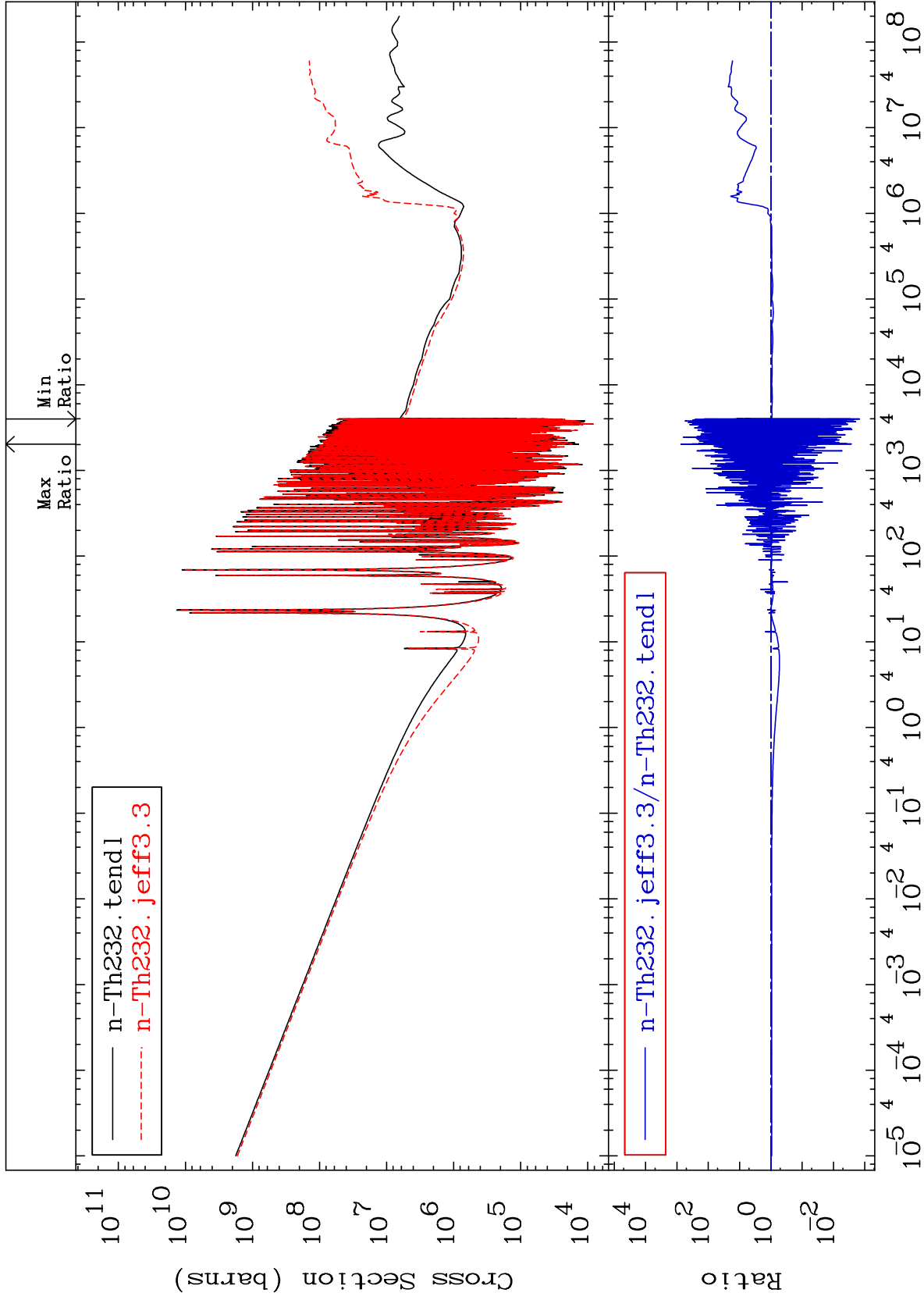
MAT 9040

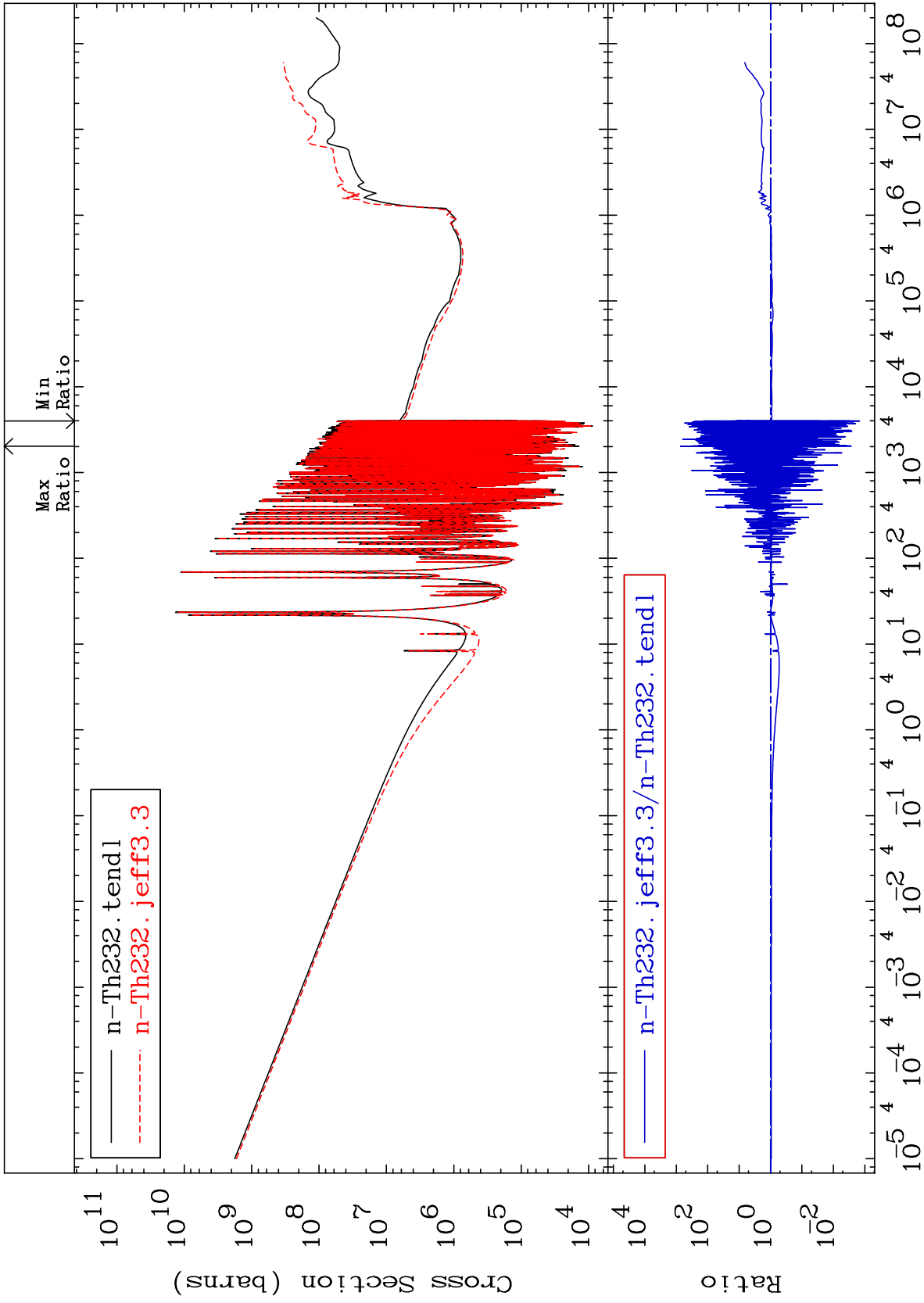
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

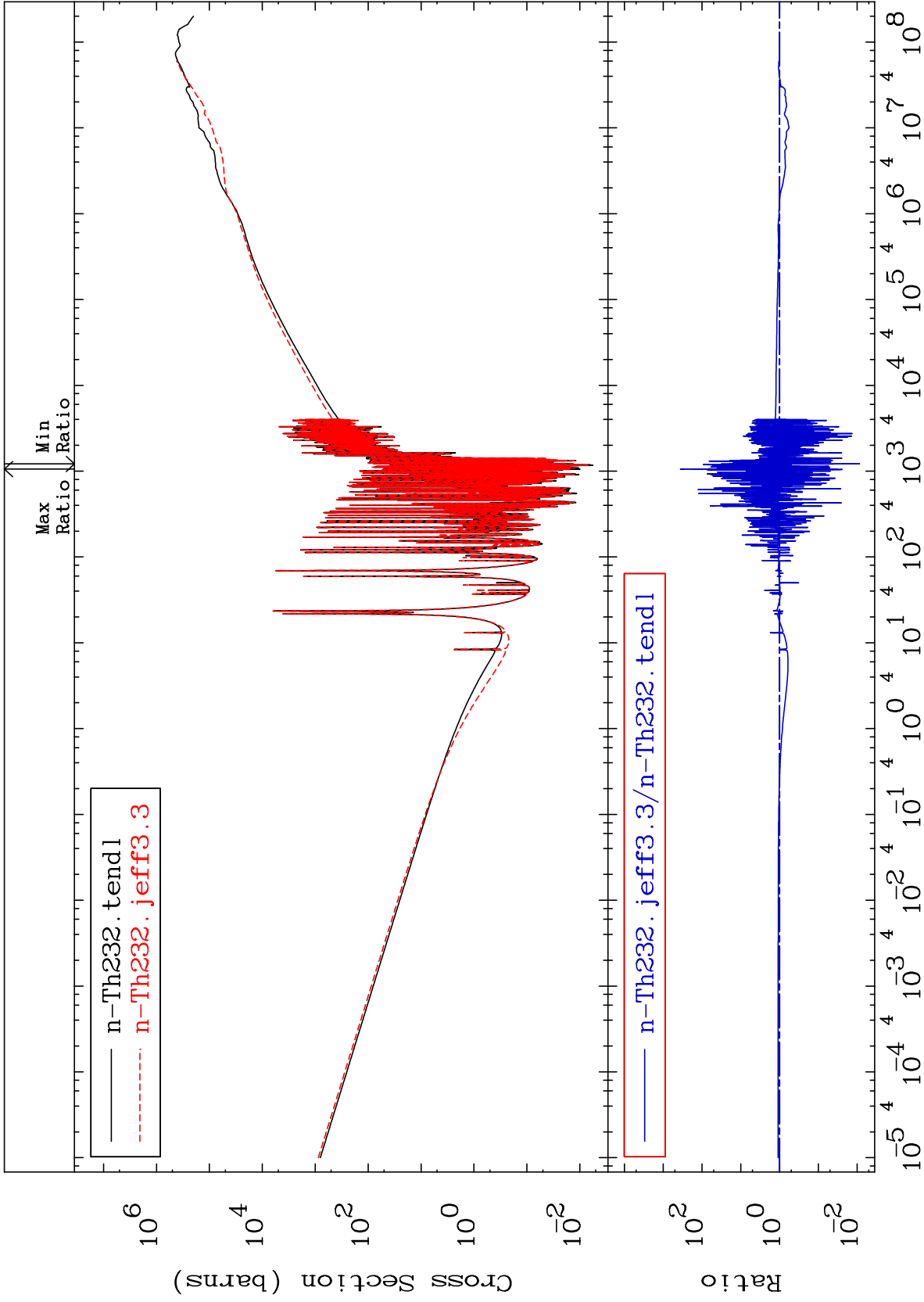
90-Th-232
-100.0 To 987.5 %







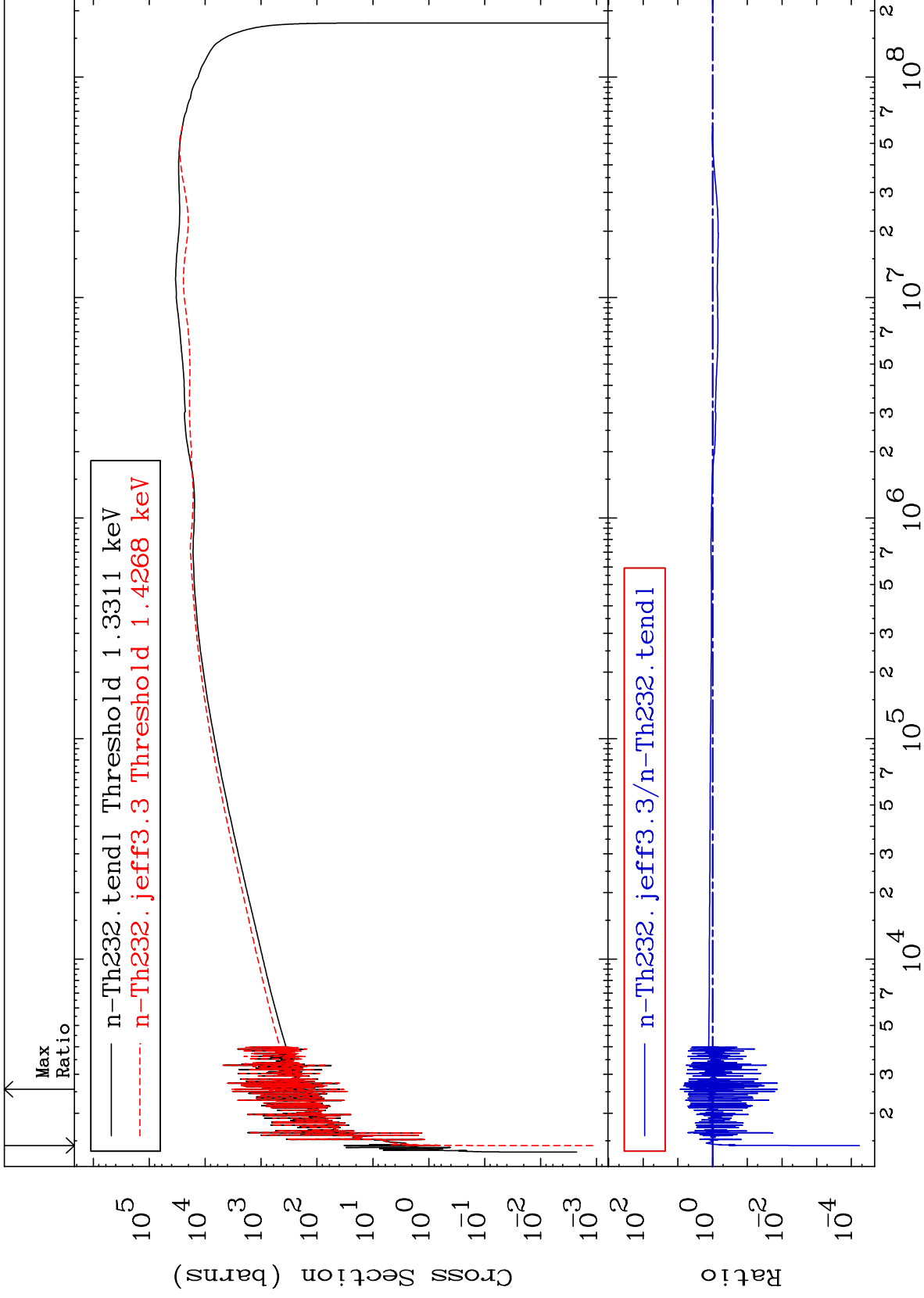




MAT 9040

Dpa elastic (mt2)
Cross Section

90-Th-232
-99.99 To 749.8 %



MAT 9040

Dpa inelastic (mt51-91)
Cross Section

90-Th-232
-37.11 To 79.06 %

