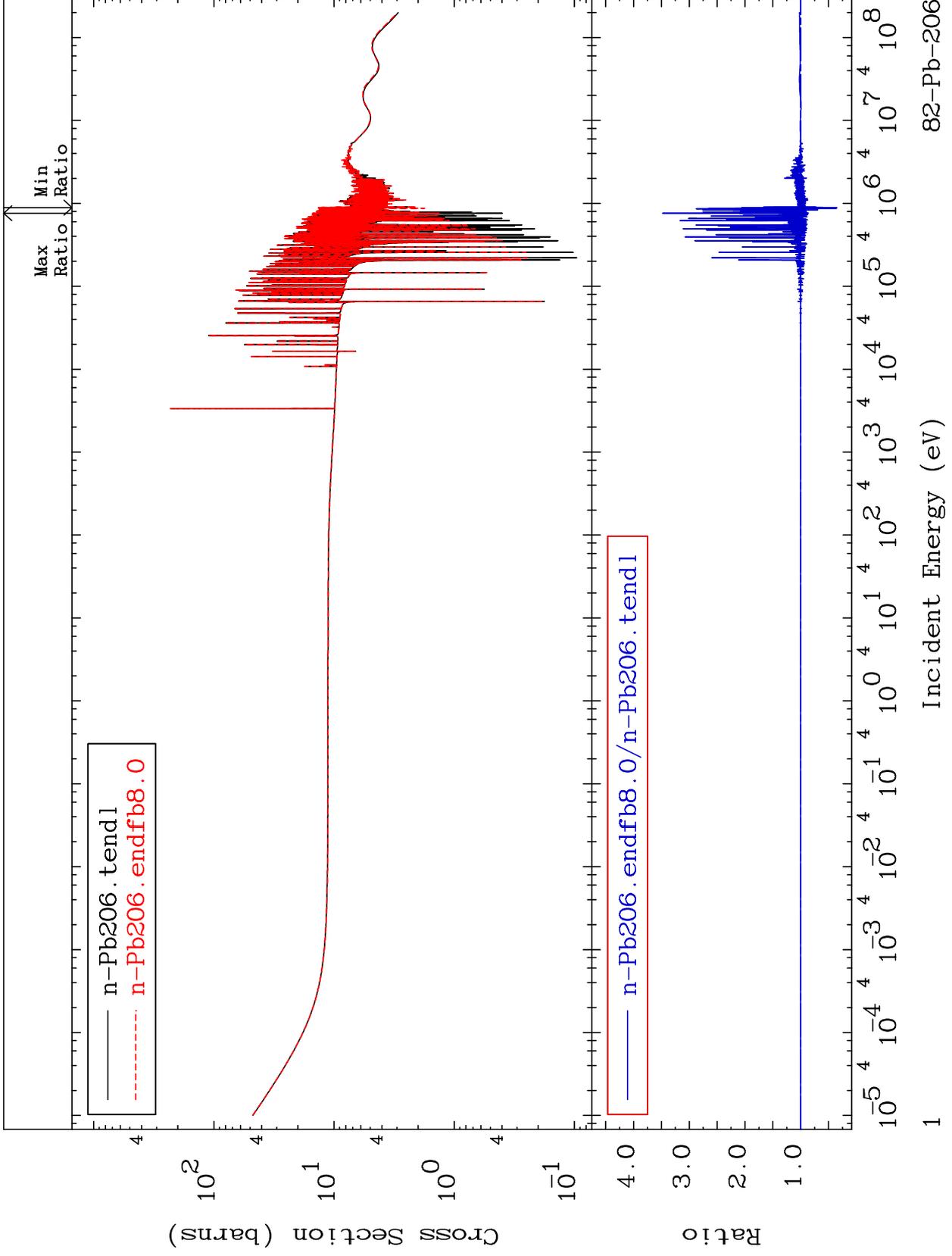


MAT 8231

Total
Cross Section

82-Pb-206
-64.82 To 248.3 %



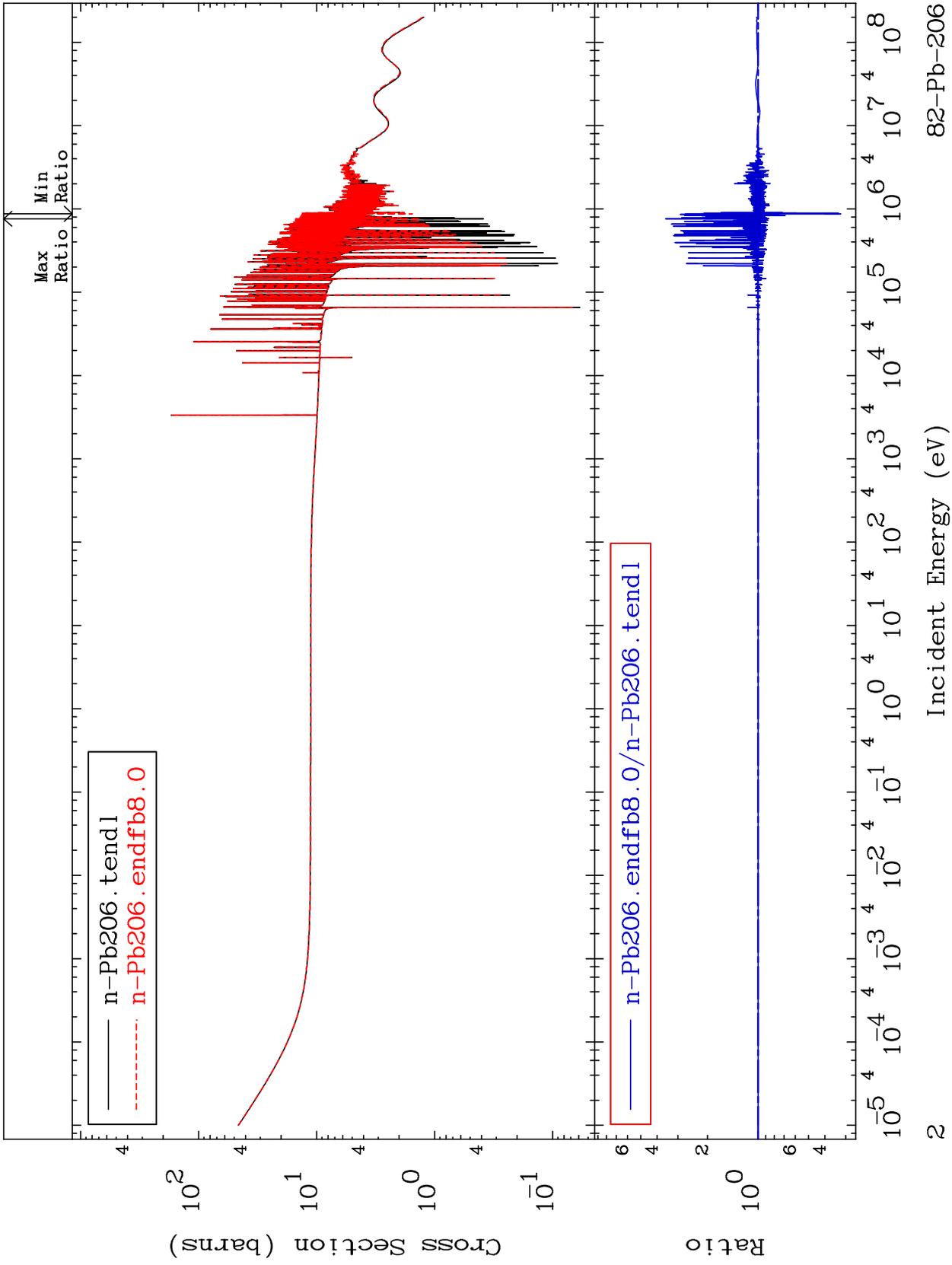
Incident Energy (eV)

82-Pb-206

MAT 8231

Elastic
Cross Section

82-Pb-206
-67.87 To 256.1 %



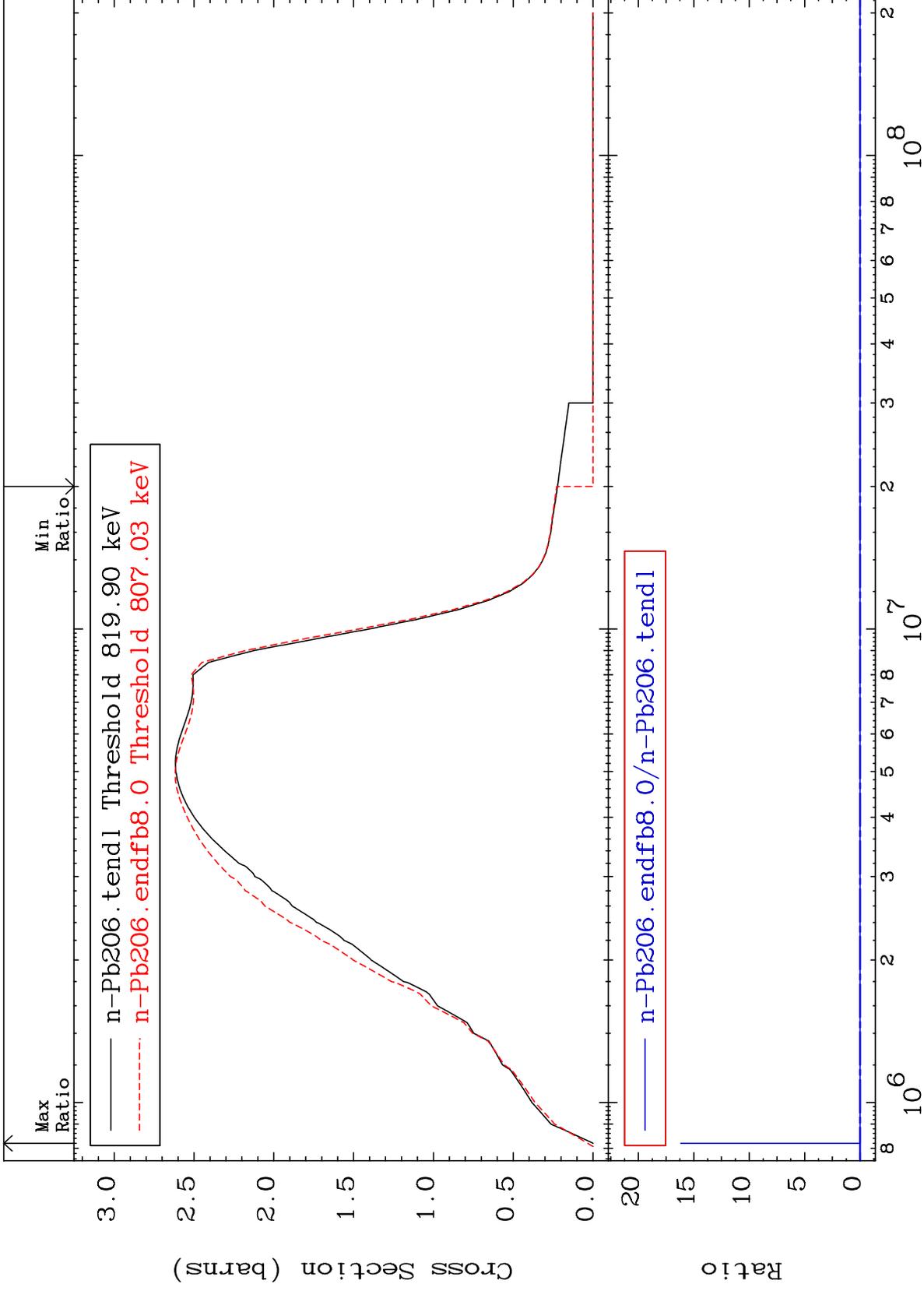
Incident Energy (eV)

82-Pb-206

MAT 8231

Inelastic
Cross Section

82-Pb-206
-100.0 To 9999. %



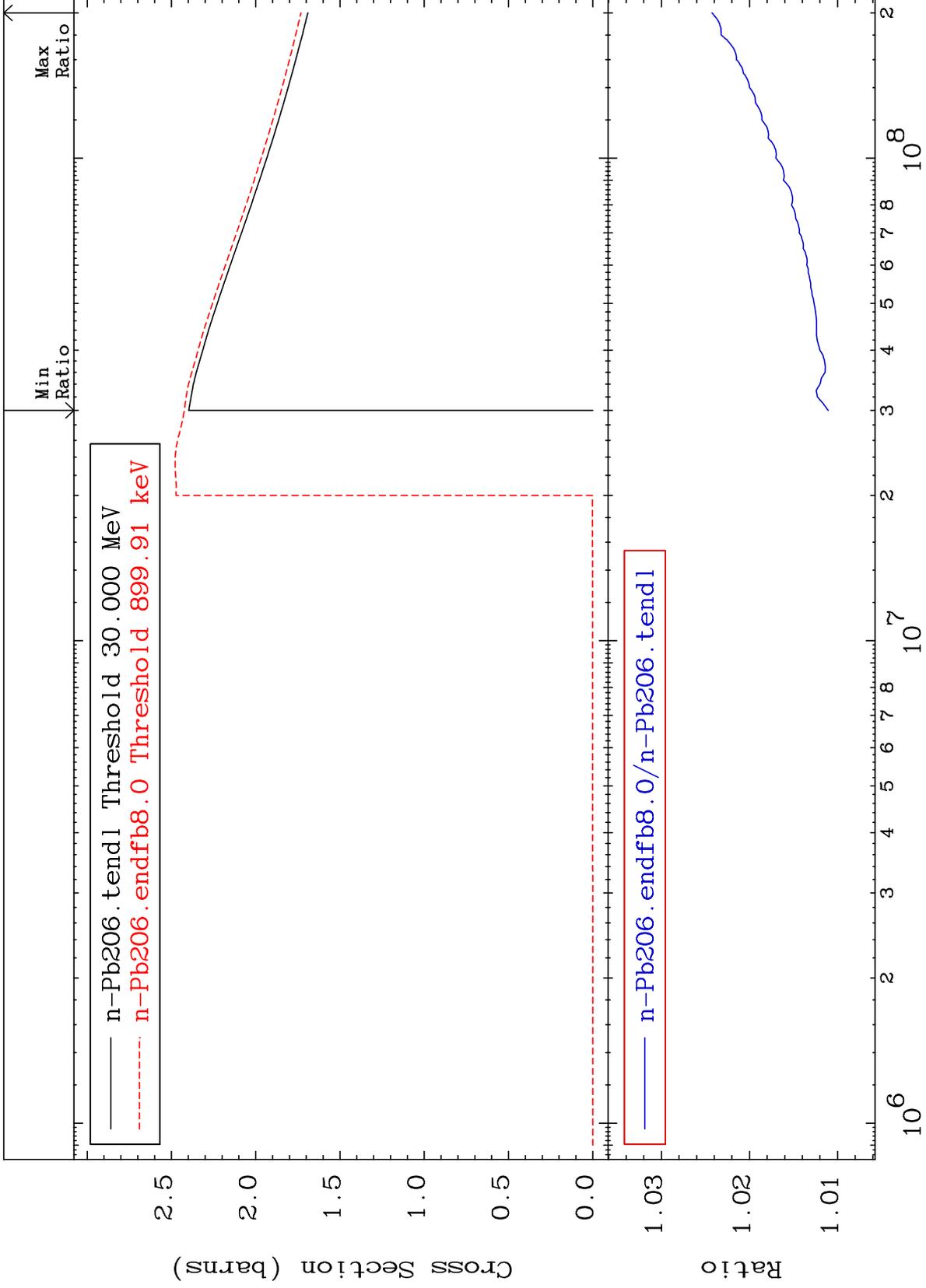
Incident Energy (eV)

82-Pb-206

MAT 8231

(n, remainder)
Cross Section

82-Pb-206
1.106 To 2.425 %



Incident Energy (eV)

82-Pb-206

4

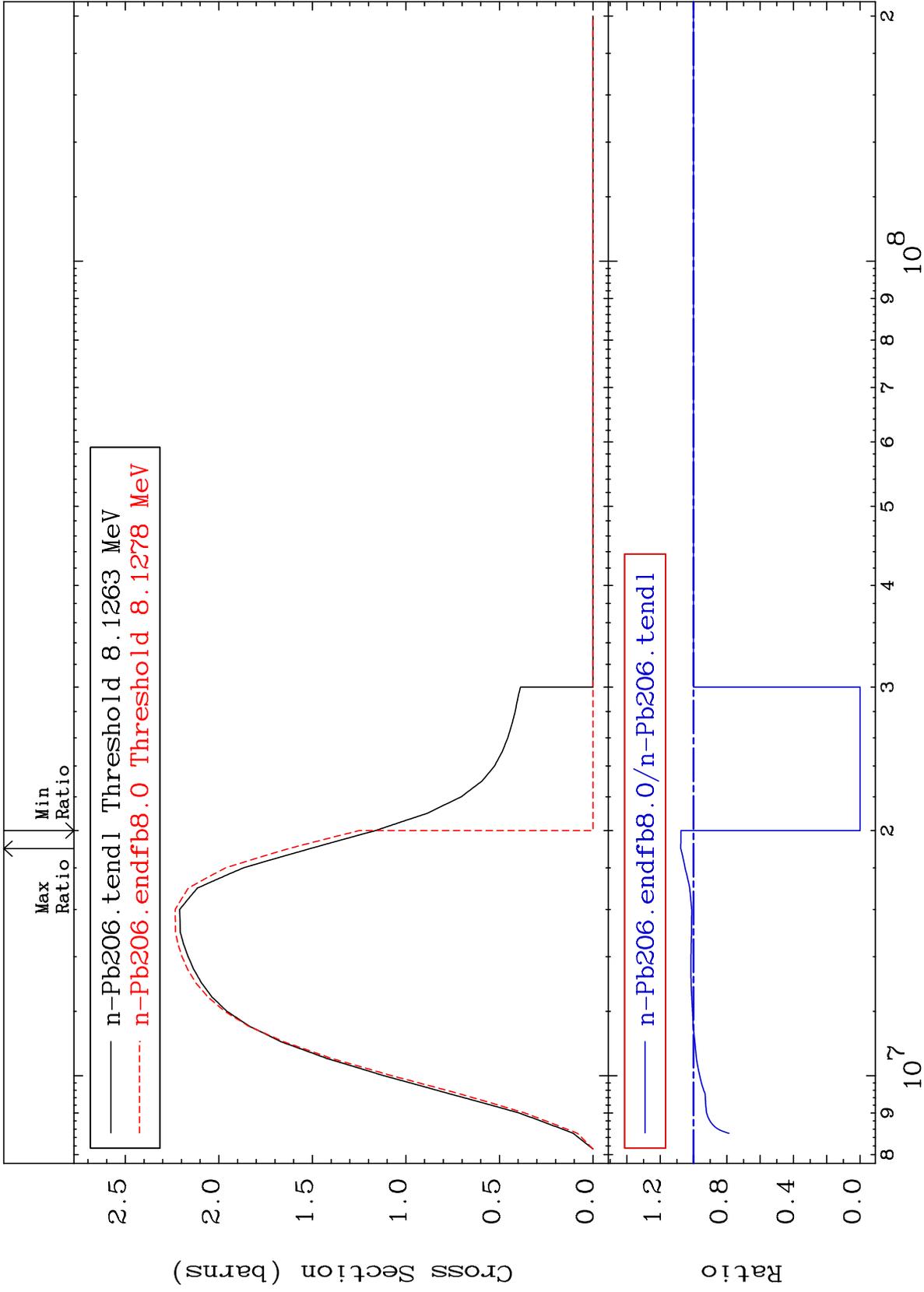
MAT 8231

(n,2n)

82-Pb-206

Cross Section

-100.0 To 7.656 %



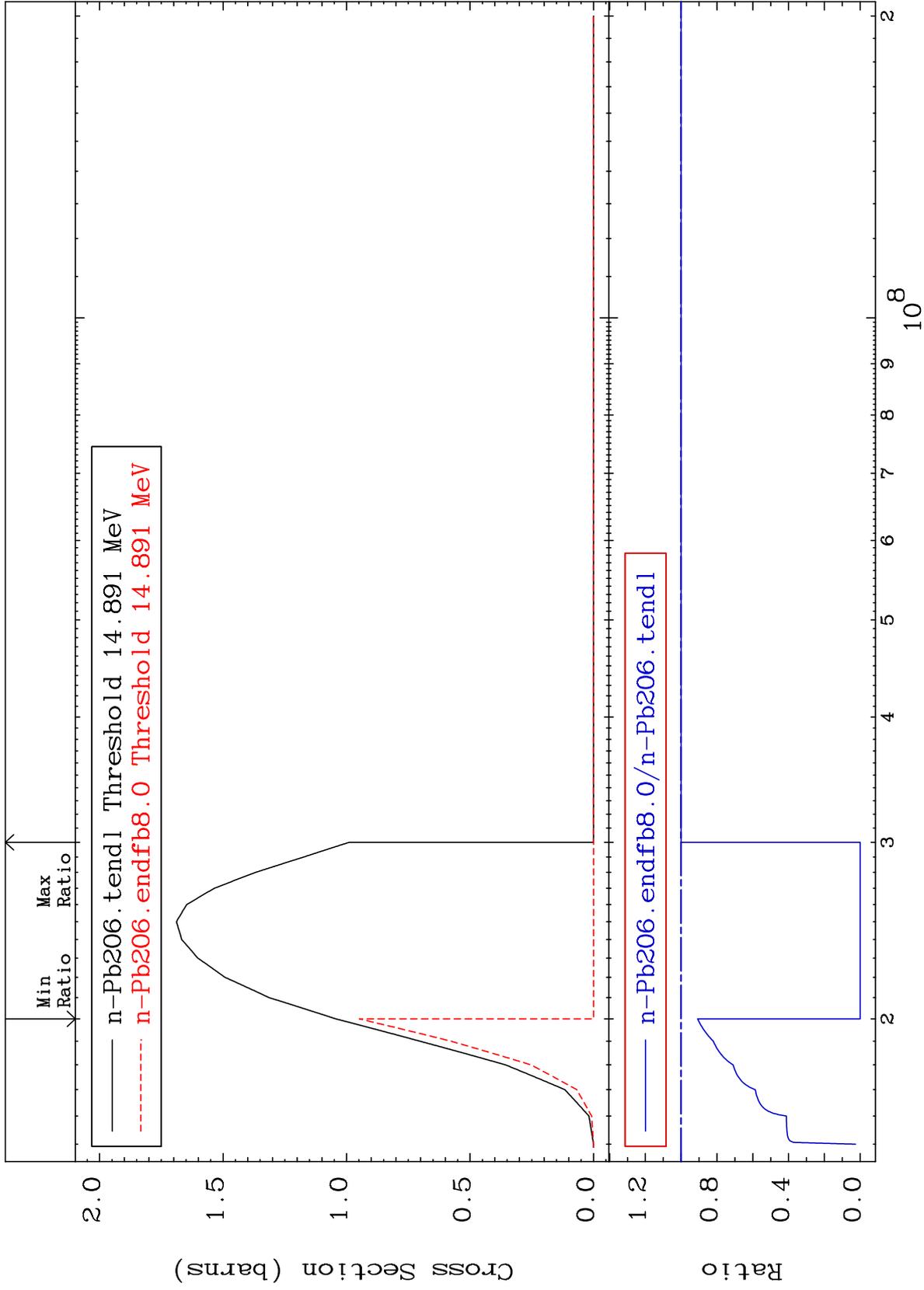
5

Incident Energy (eV)

82-Pb-206

Cross Section

-100.0 To 0.000 %

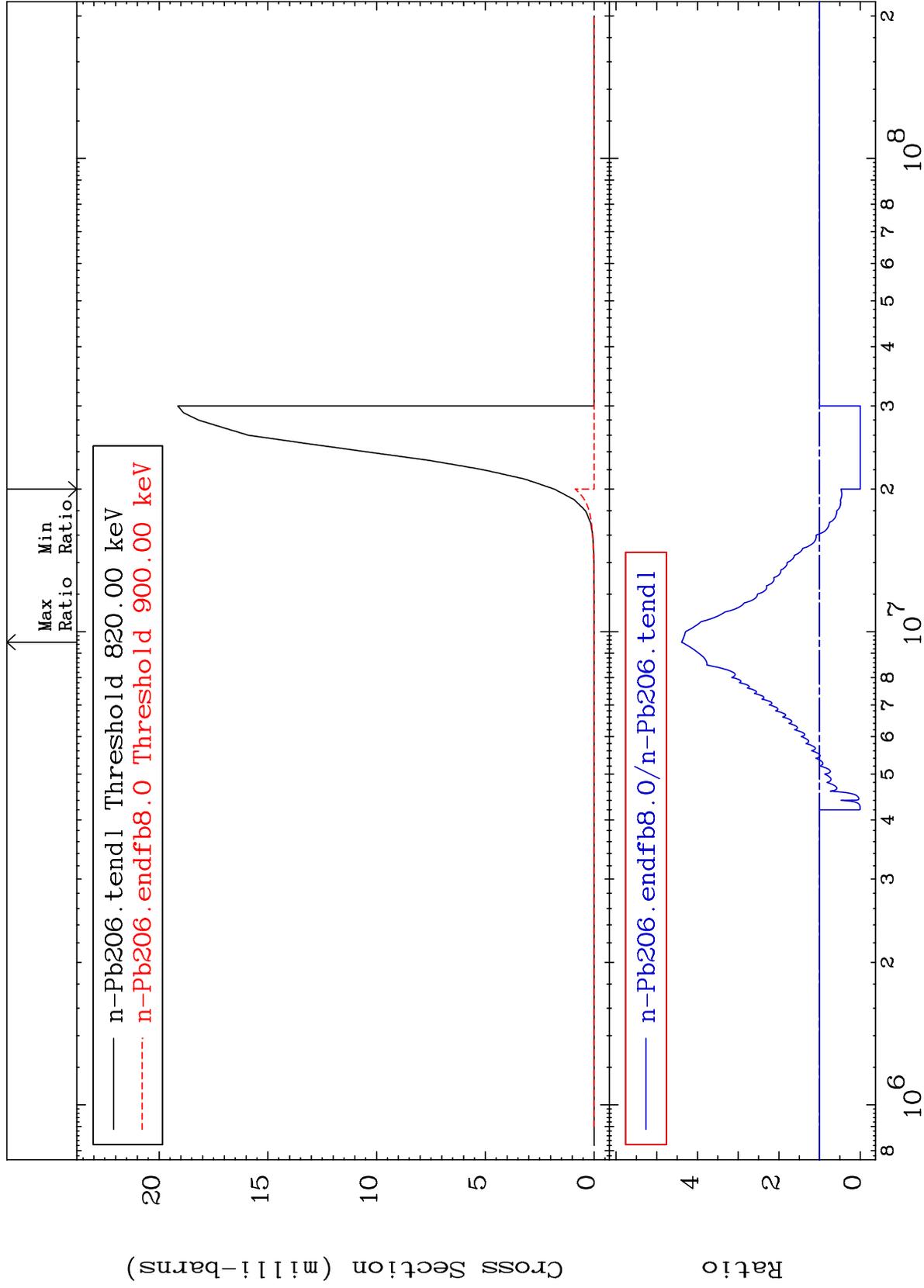


MAT 8231

82-Pb-206

(n, n') α

-100.0 To 339.0 %



82-Pb-206

82-Pb-206

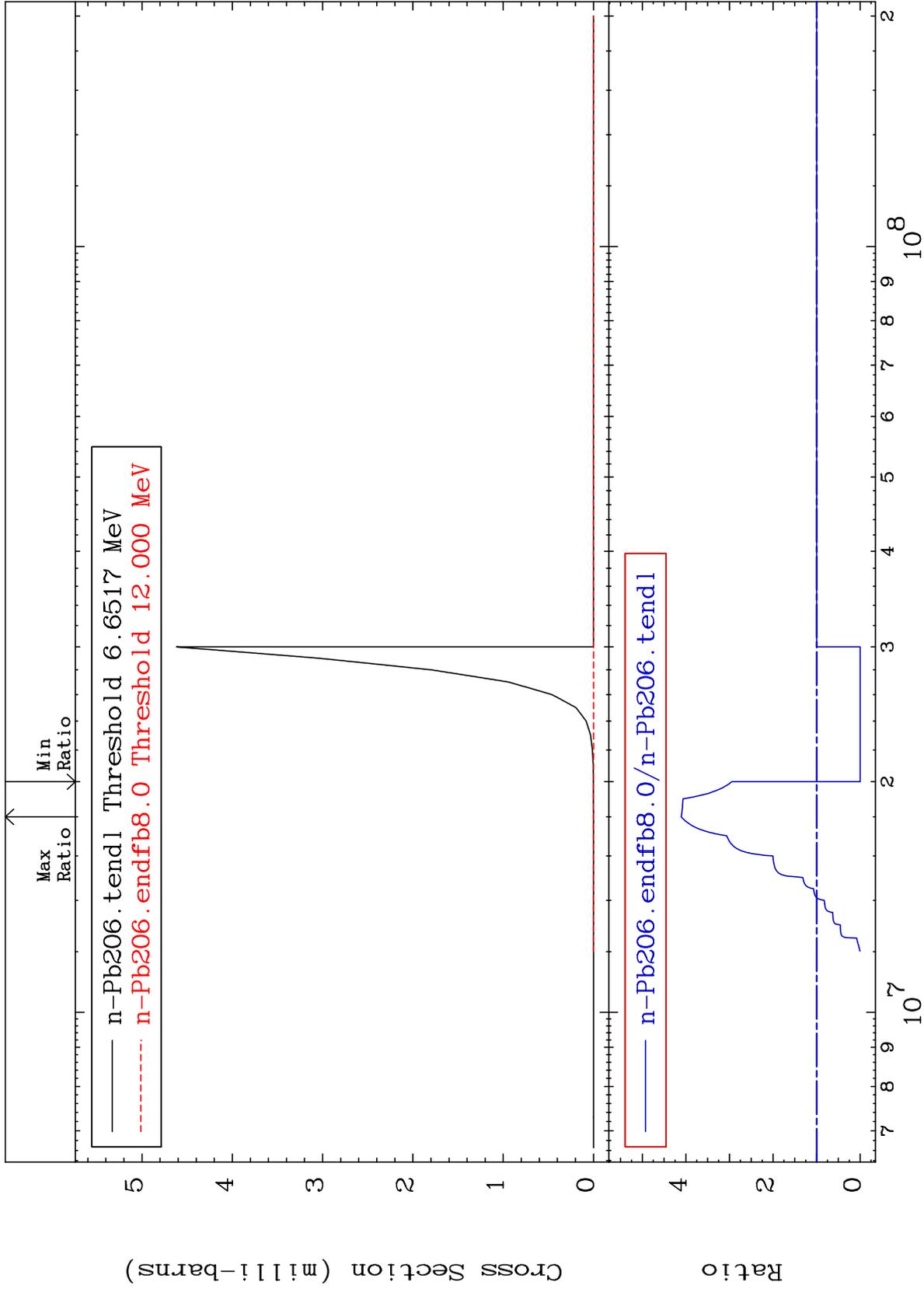
MAT 8231

(n,2n) α

82-Pb-206

Cross Section

-100.0 To 310.8 %



8

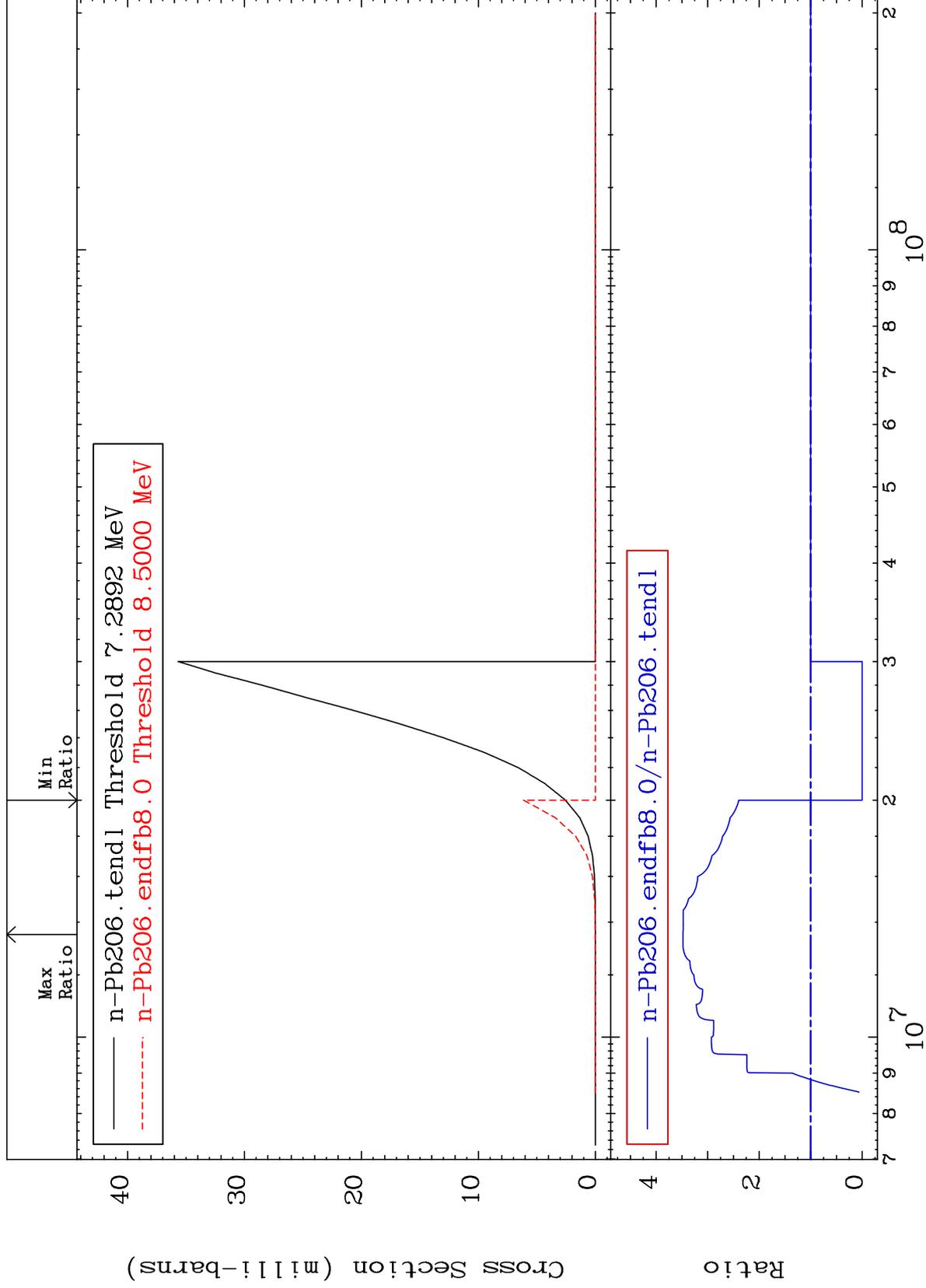
Incident Energy (eV)

82-Pb-206

MAT 8231

(n,n') p
Cross Section

82-Pb-206
-100.0 To 247.7 %



9

Incident Energy (eV)

82-Pb-206

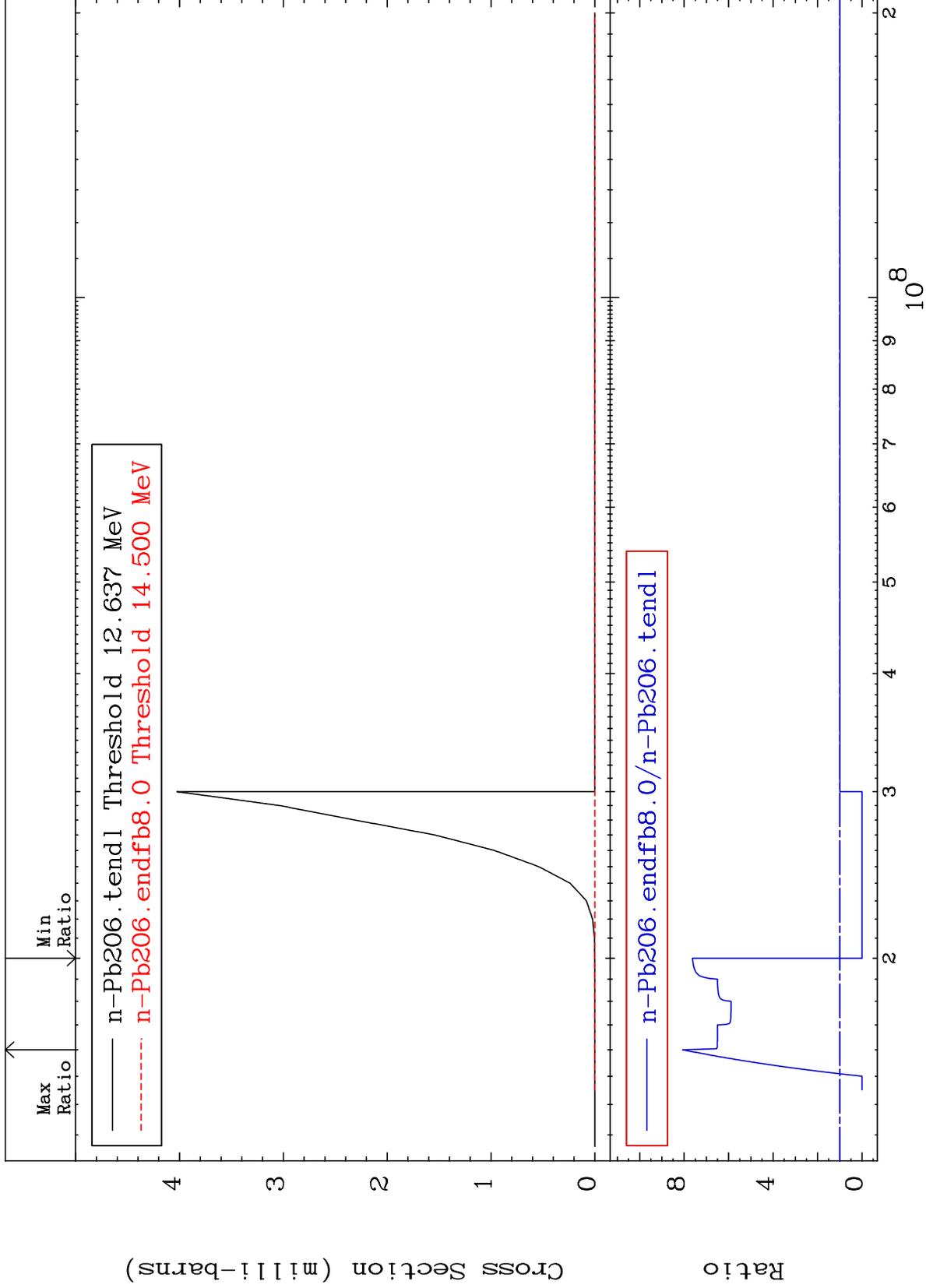
MAT 8231

(n,n') d

82-Pb-206

Cross Section

-100.0 To 706.8 %



10

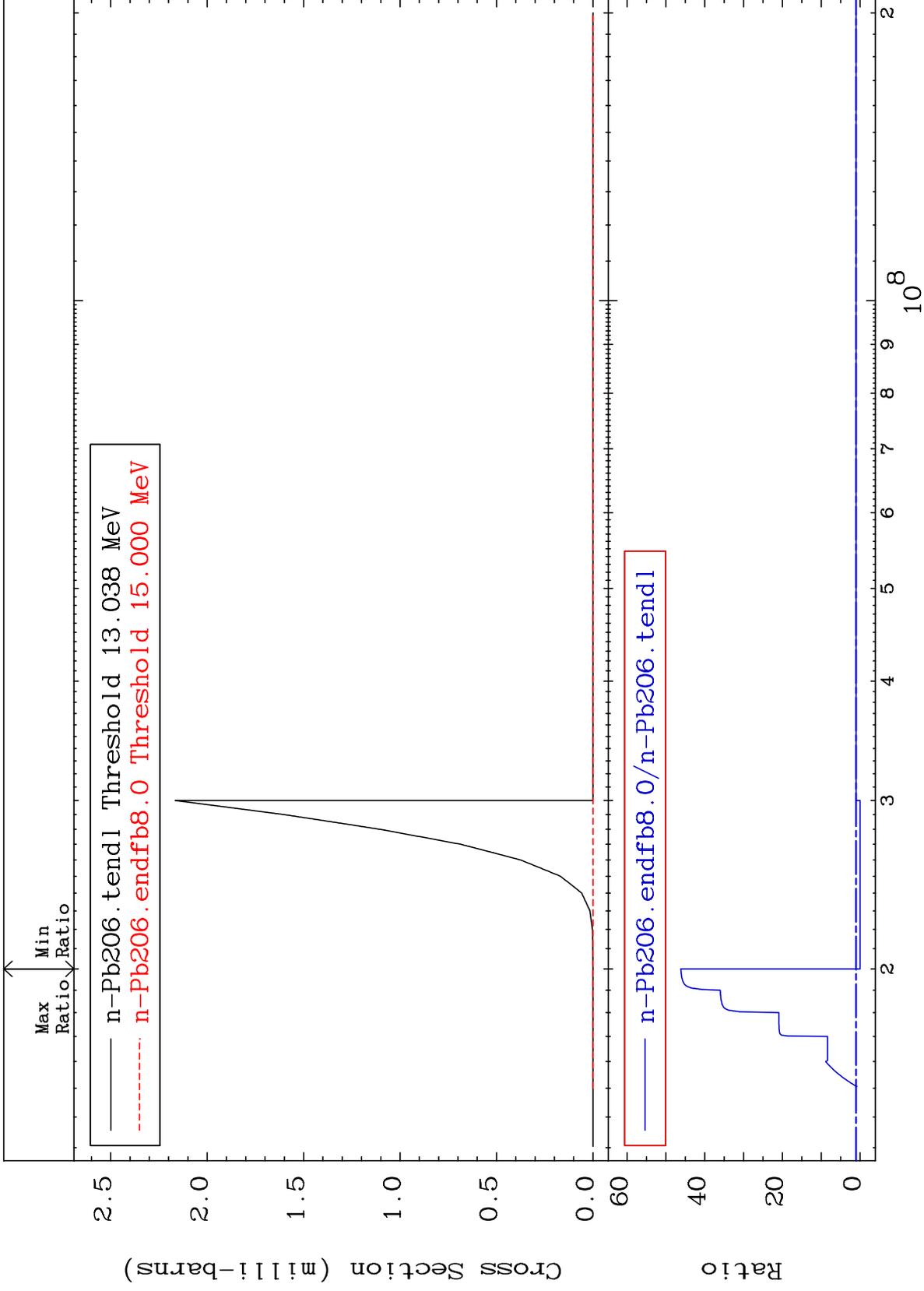
Incident Energy (eV)

82-Pb-206

MAT 8231

(n,n') t
Cross Section

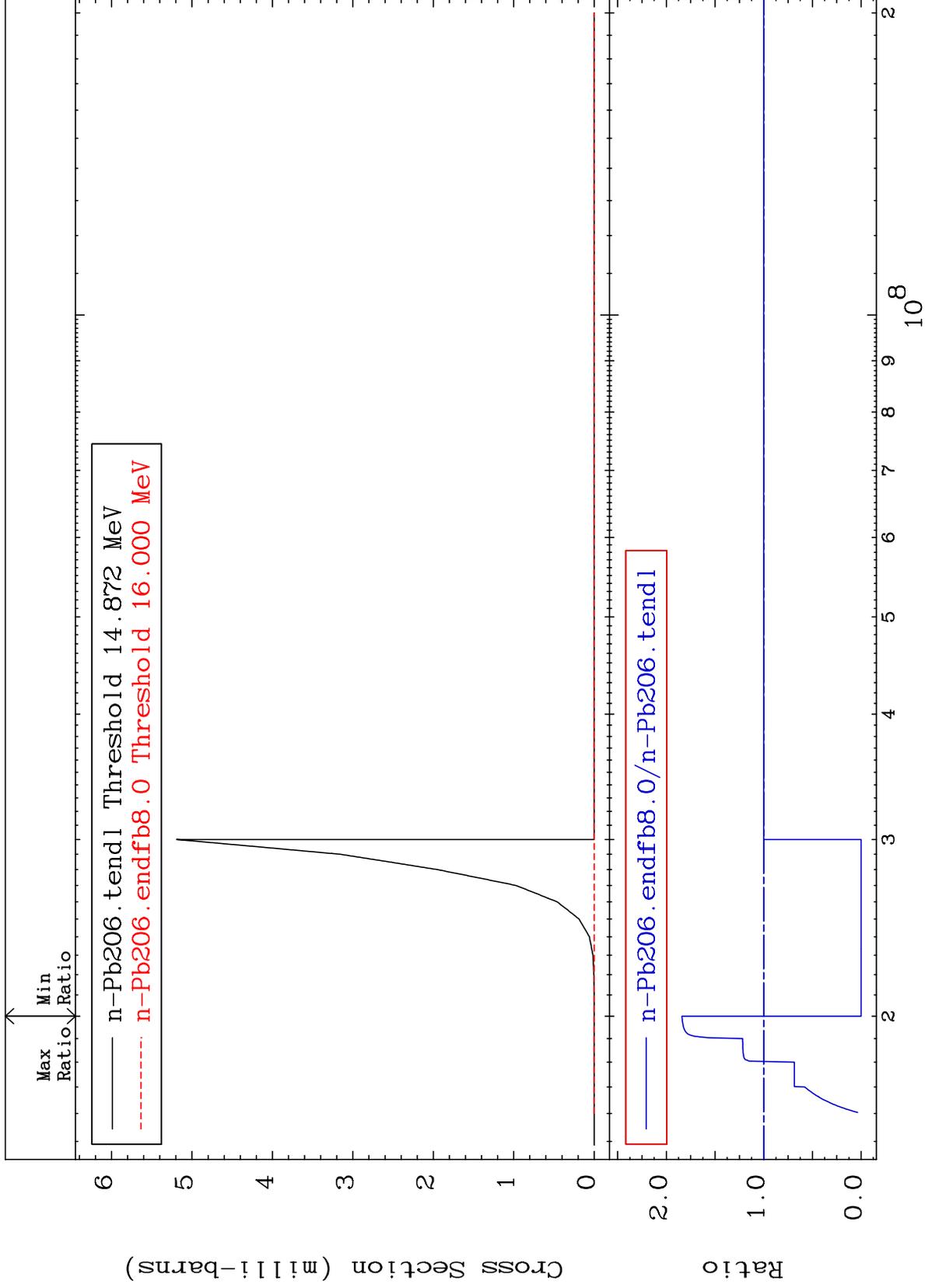
82-Pb-206
-100.0 To 4518. %



MAT 8231

(n,2n) p
Cross Section

82-Pb-206
-100.0 To 84.01 %



12

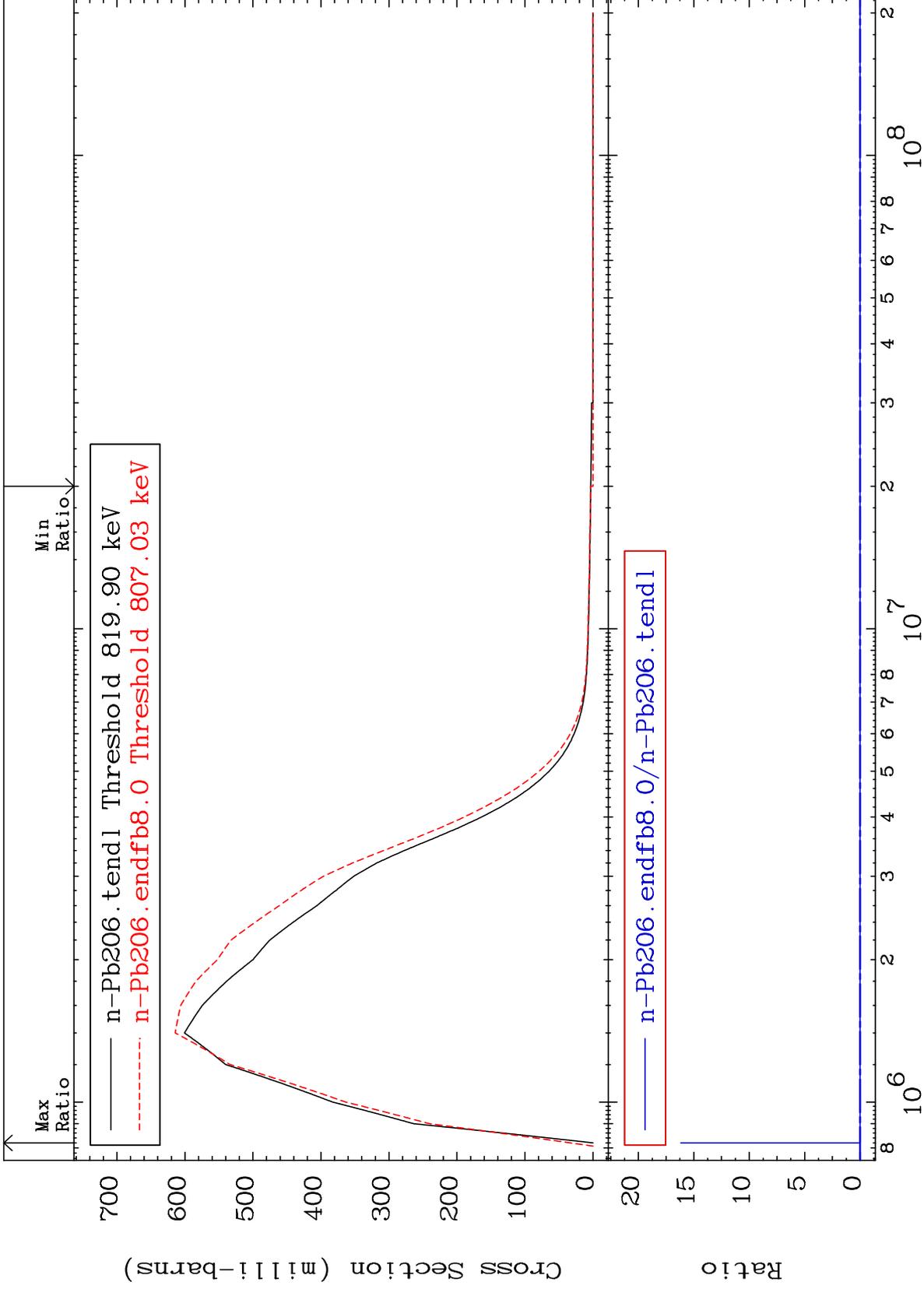
Incident Energy (eV)

82-Pb-206

MAT 8231

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

82-Pb-206
-100.0 To 9999. %



13

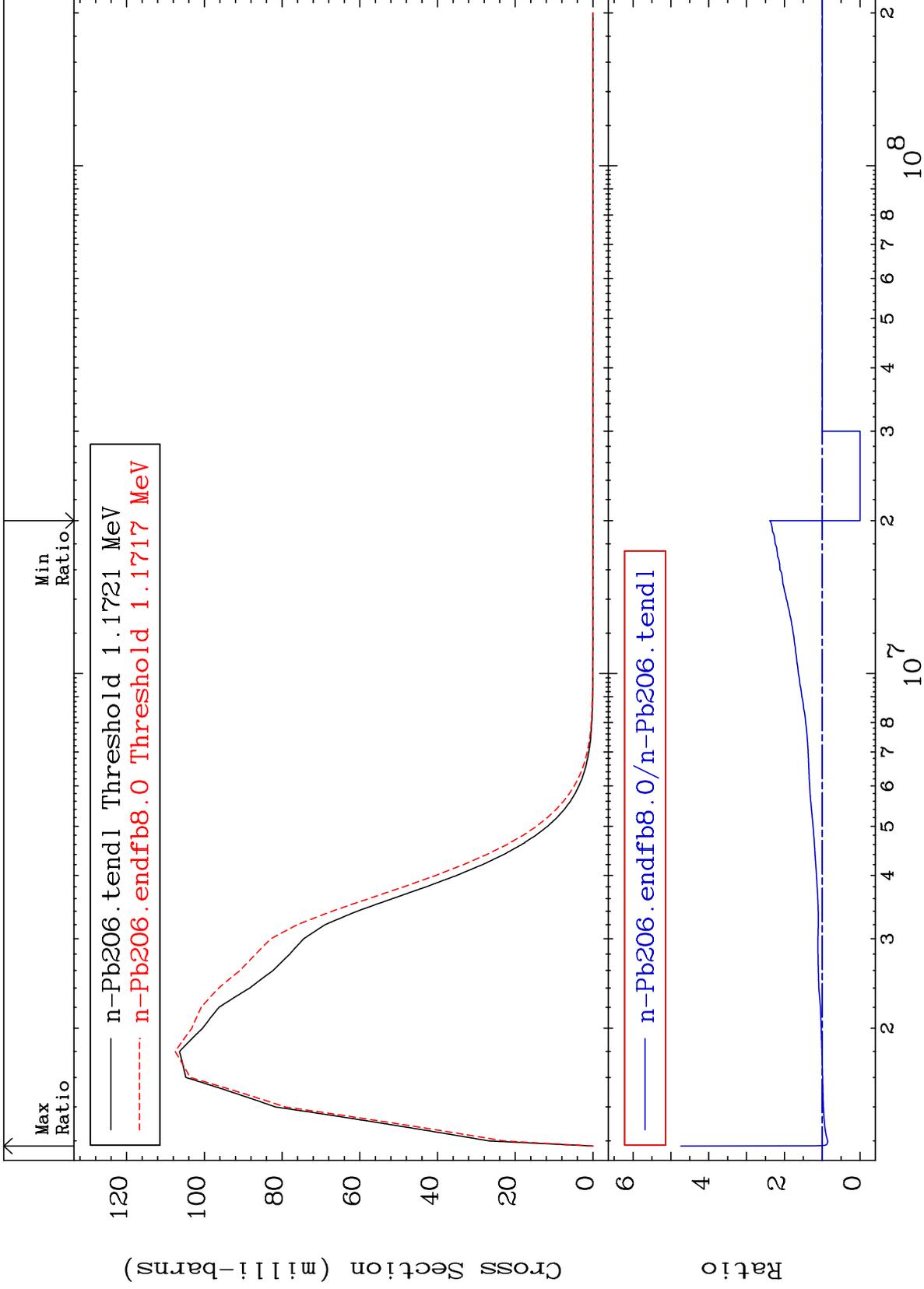
Incident Energy (eV)

82-Pb-206

MAT 8231

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

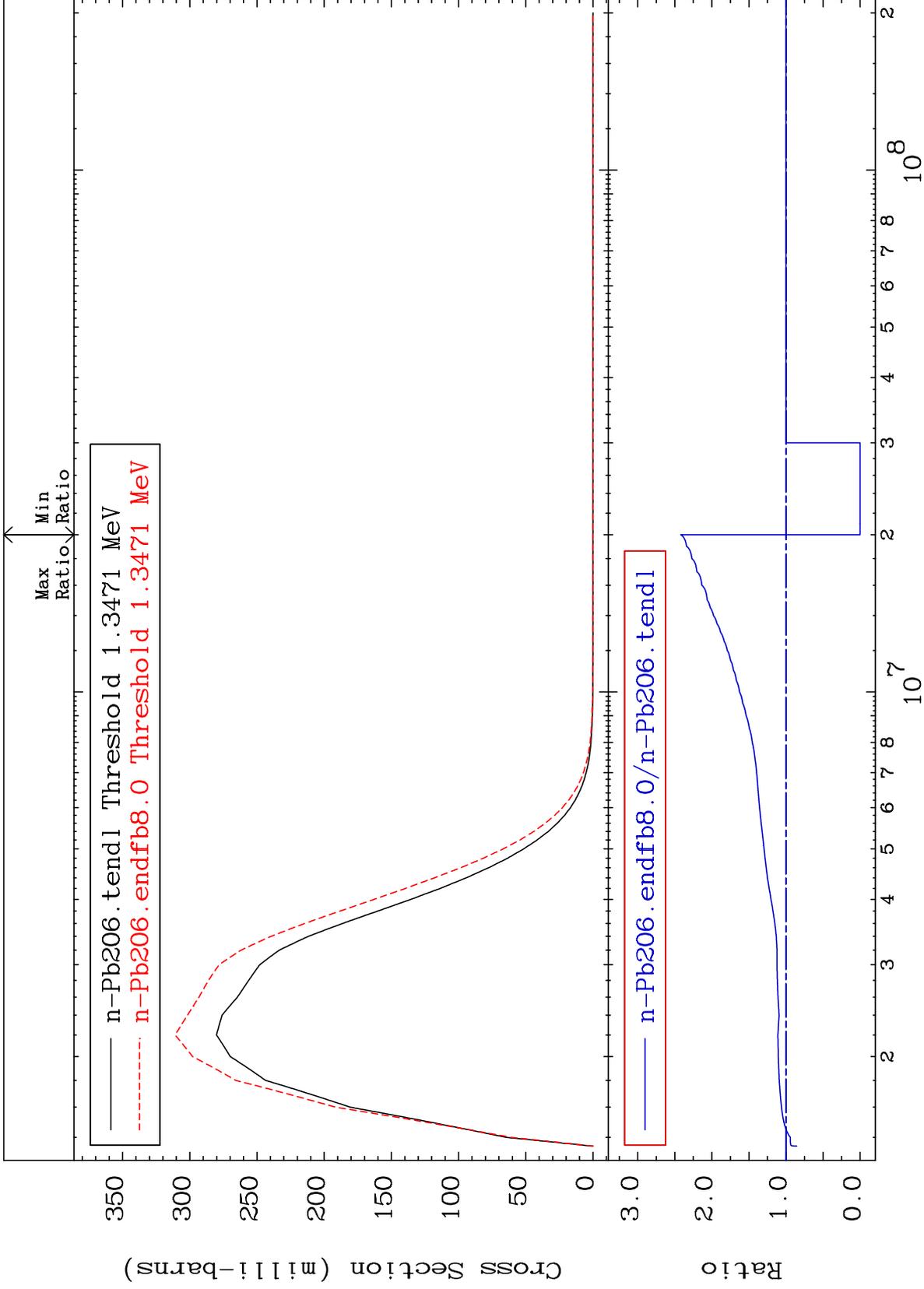
82-Pb-206
-100.0 To 373.9 %



MAT 8231

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

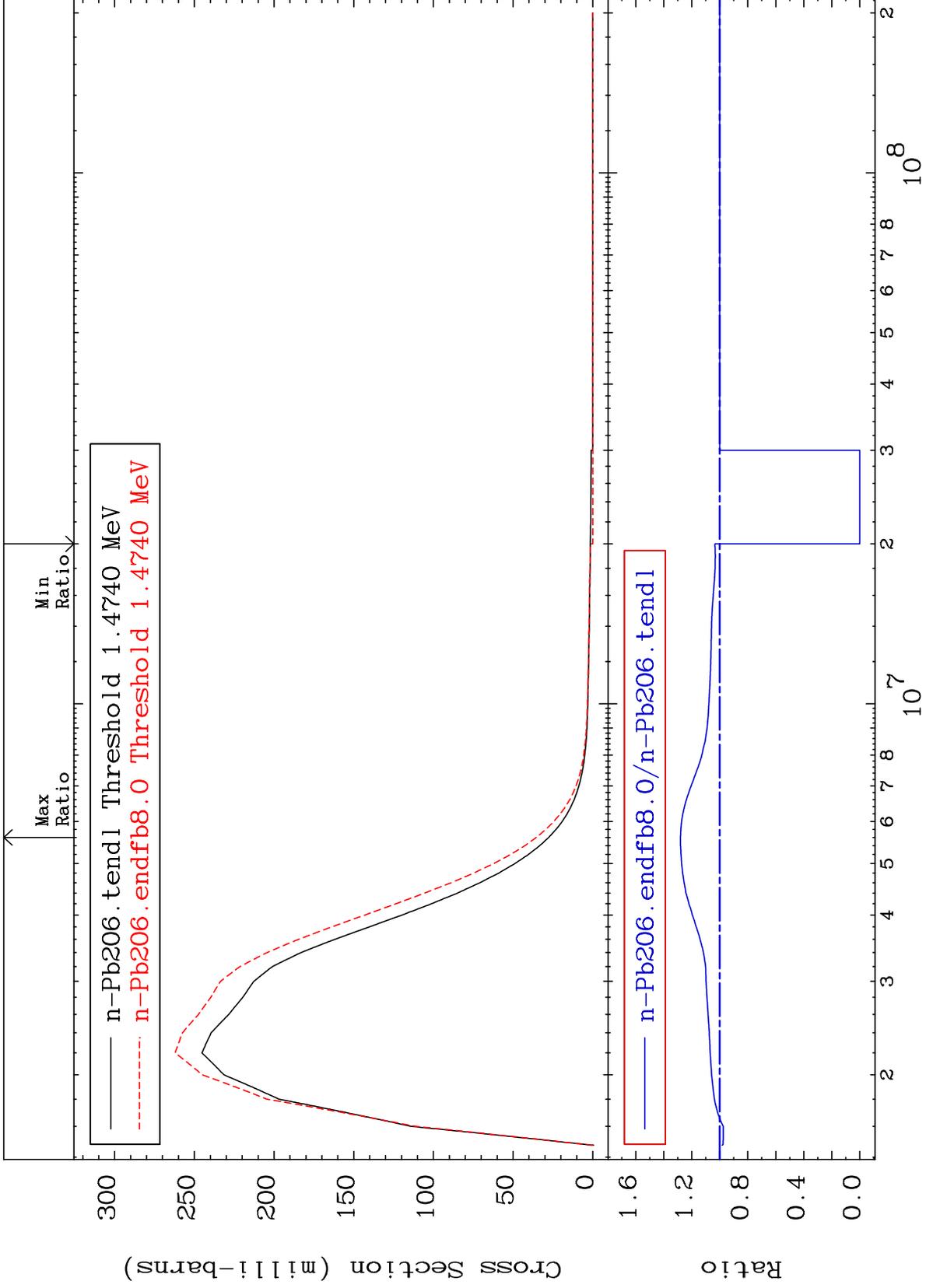
82-Pb-206
-100.0 To 142.0 %



MAT 8231

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

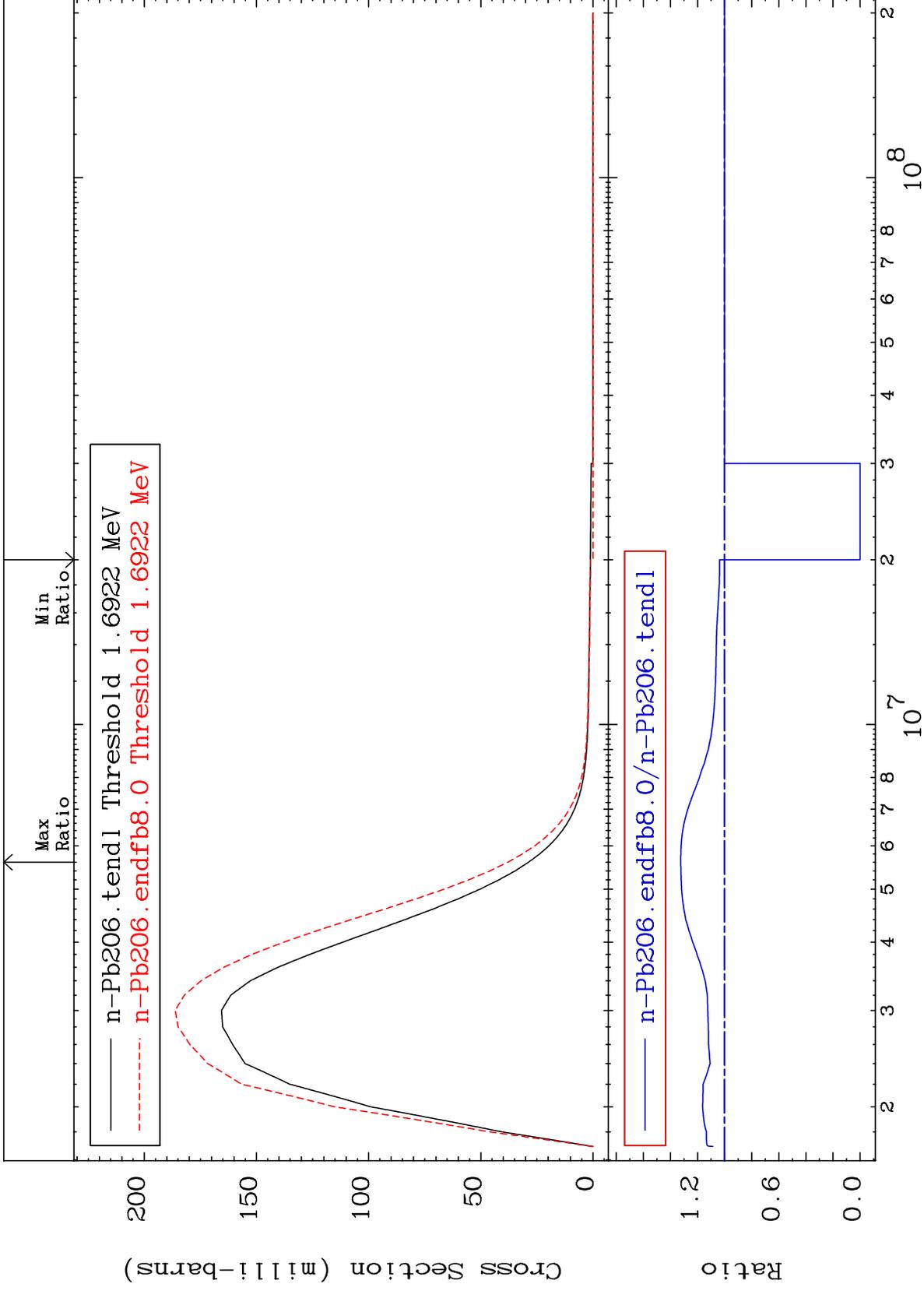
82-Pb-206
-100.0 To 28.03 %



MAT 8231

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

82-Pb-206
-100.0 To 32.40 %



17

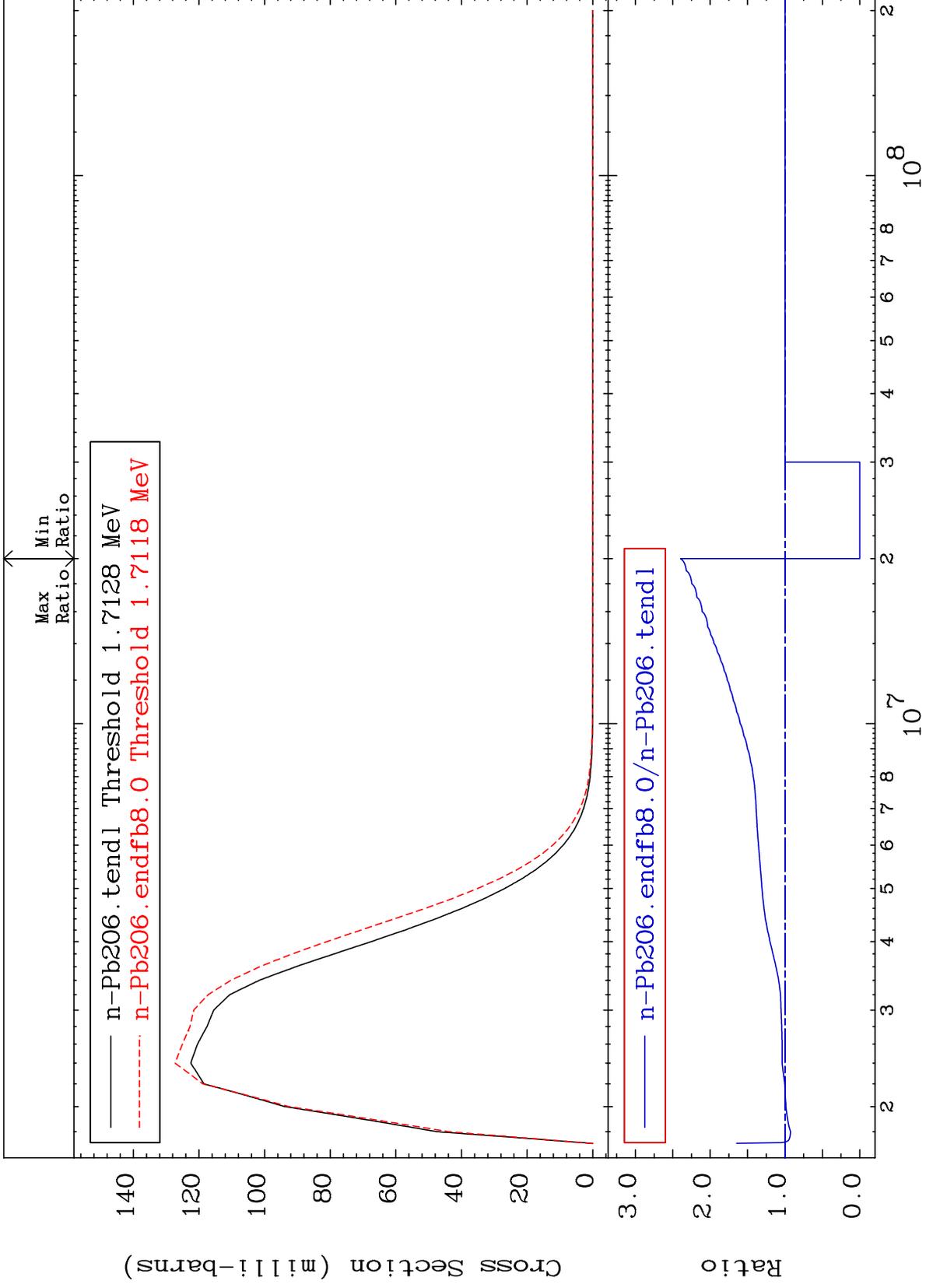
Incident Energy (eV)

82-Pb-206

MAT 8231

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

82-Pb-206
-100.0 To 139.6 %



18

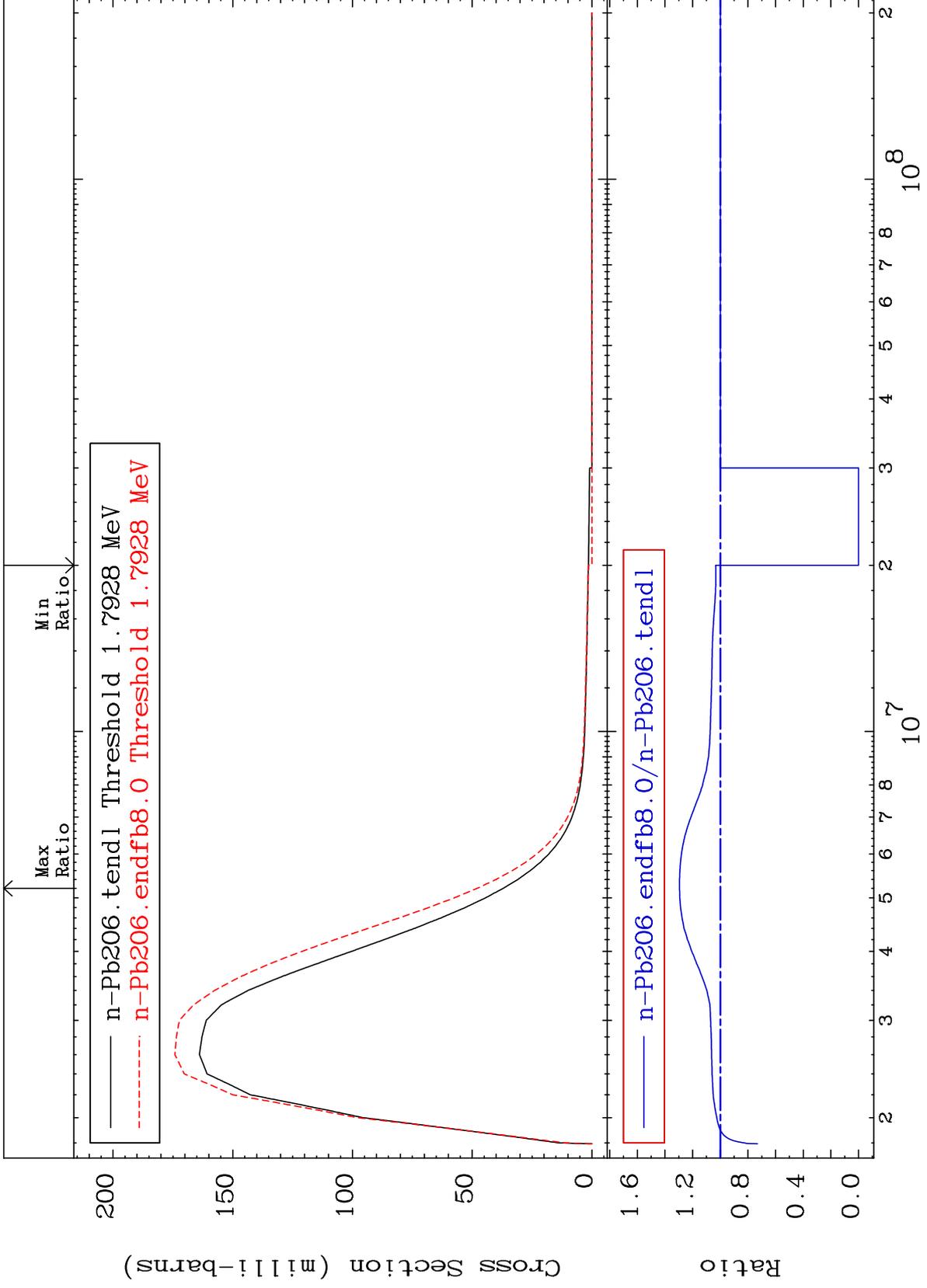
Incident Energy (eV)

82-Pb-206

MAT 8231

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

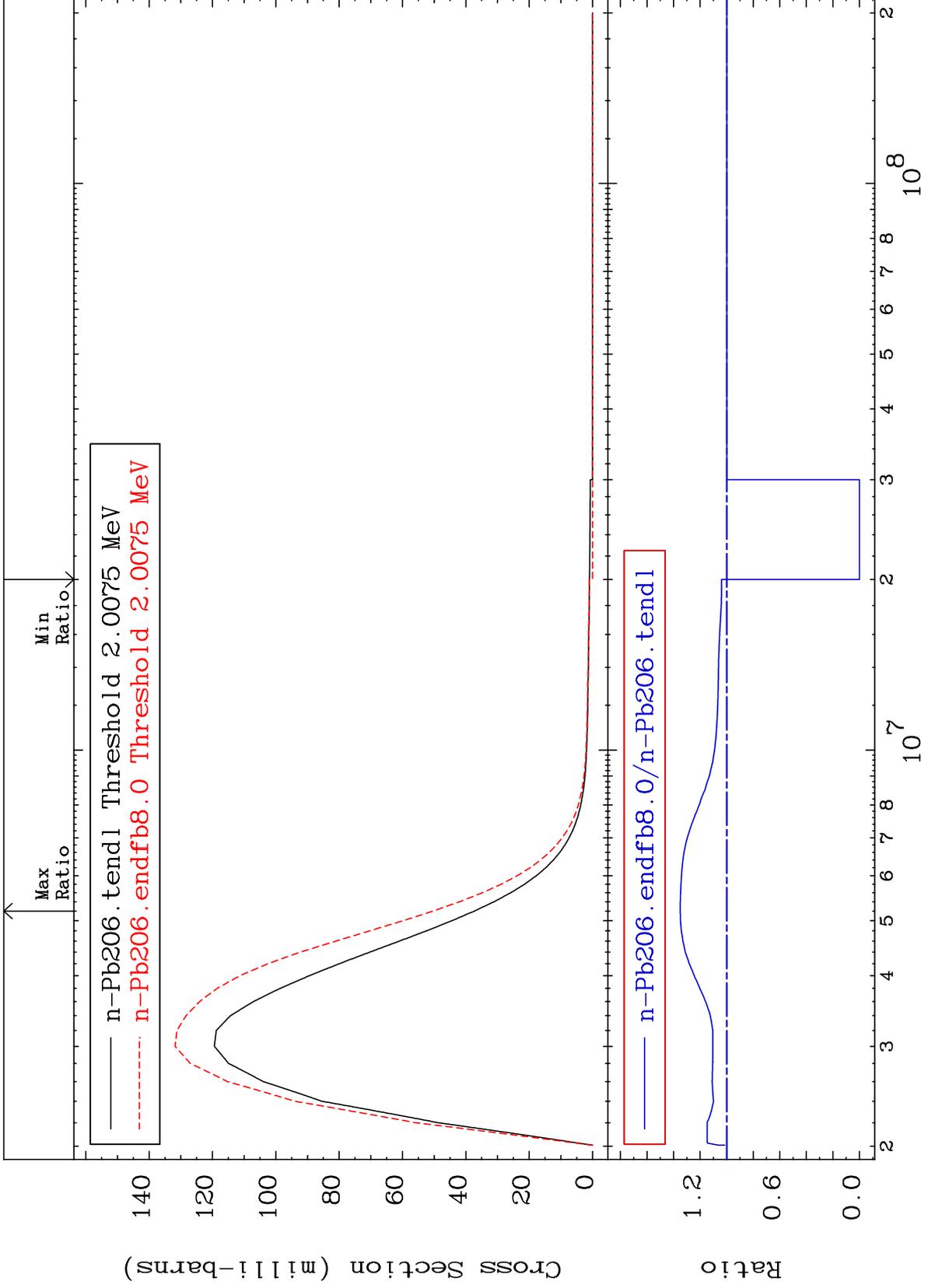
82-Pb-206
-100.0 To 29.45 %



MAT 8231

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

82-Pb-206
-100.0 To 34.93 %



20

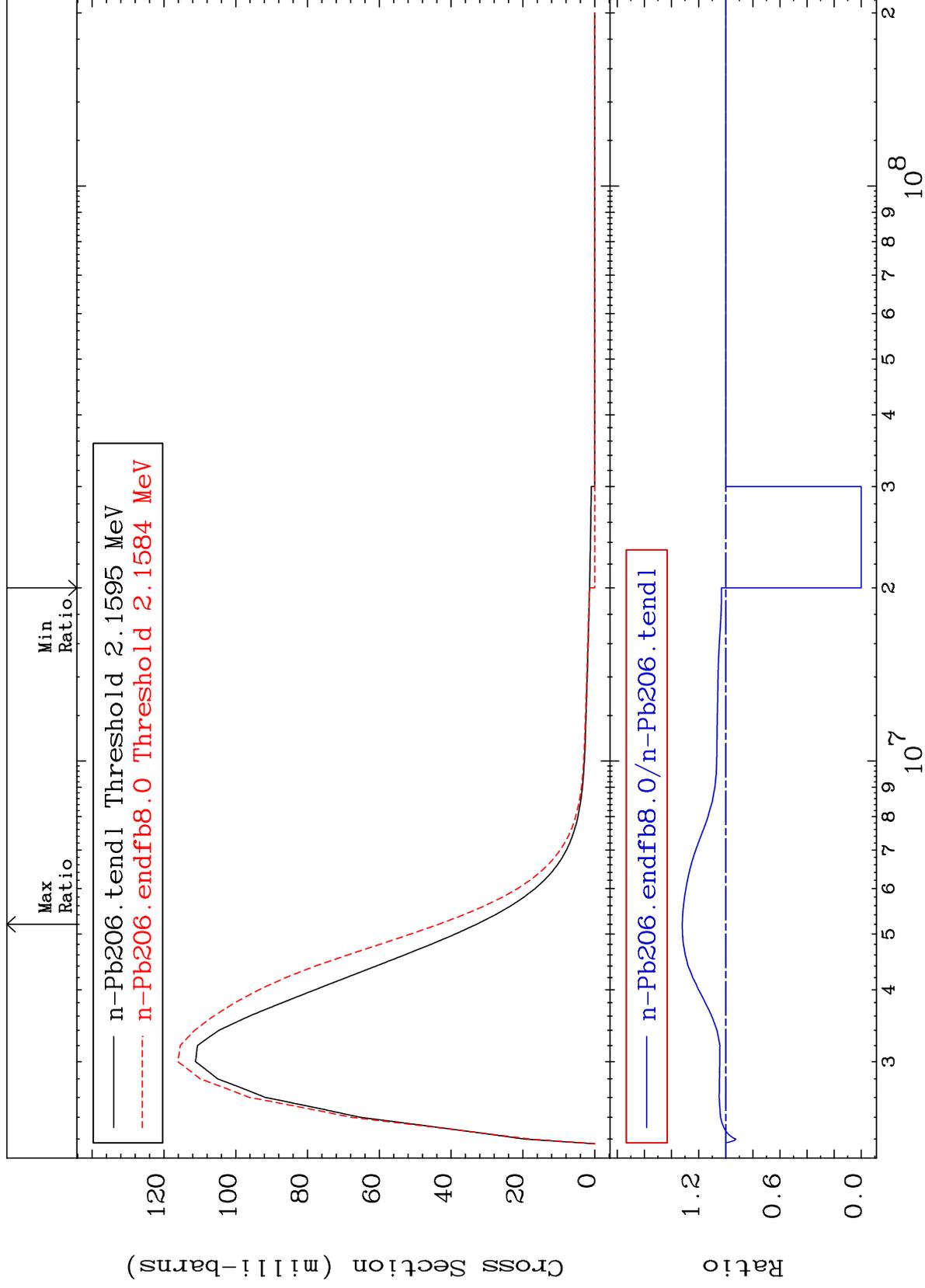
Incident Energy (eV)

82-Pb-206

MAT 8231

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

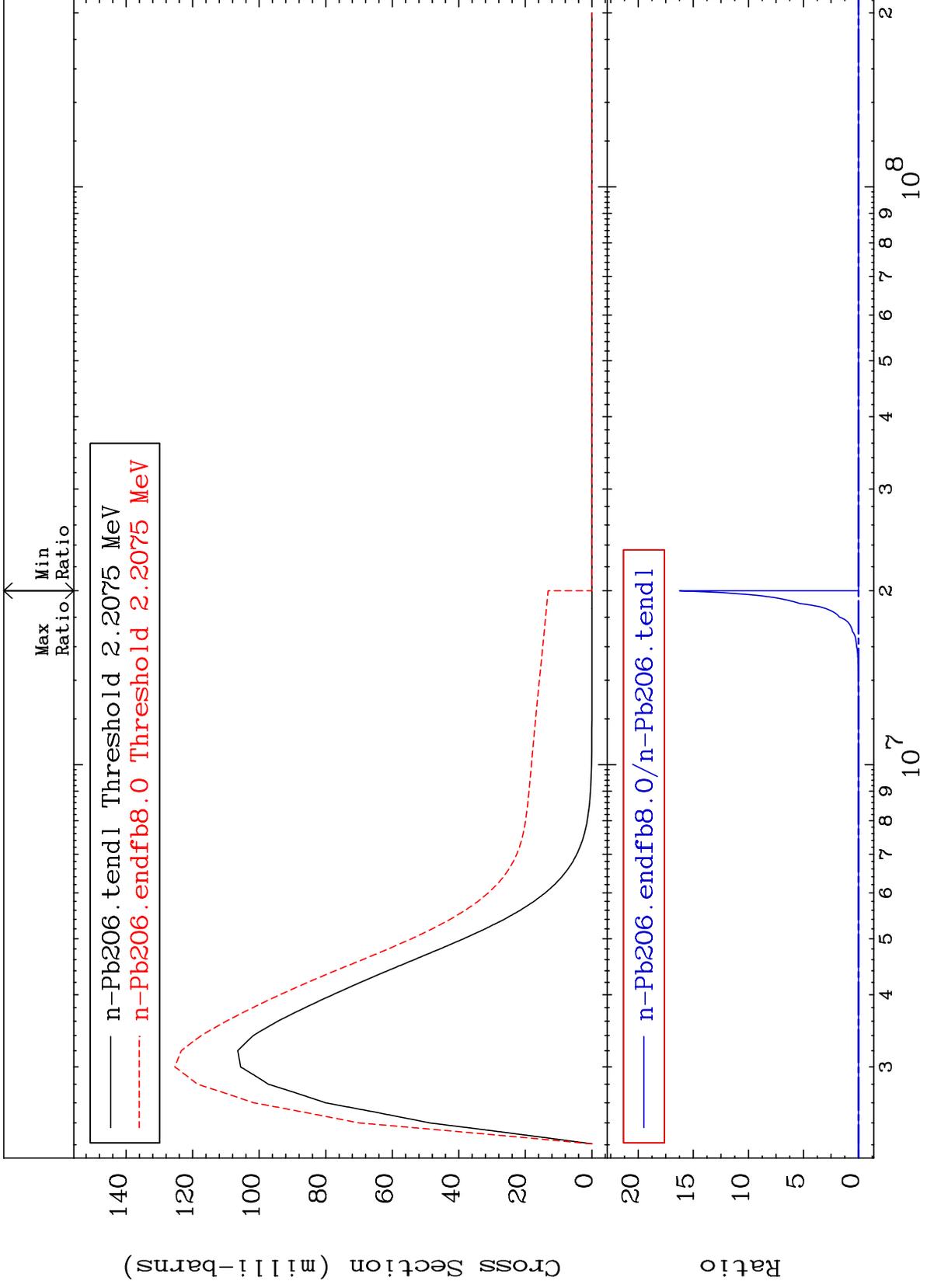
82-Pb-206
-100.0 To 32.04 %



MAT 8231

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

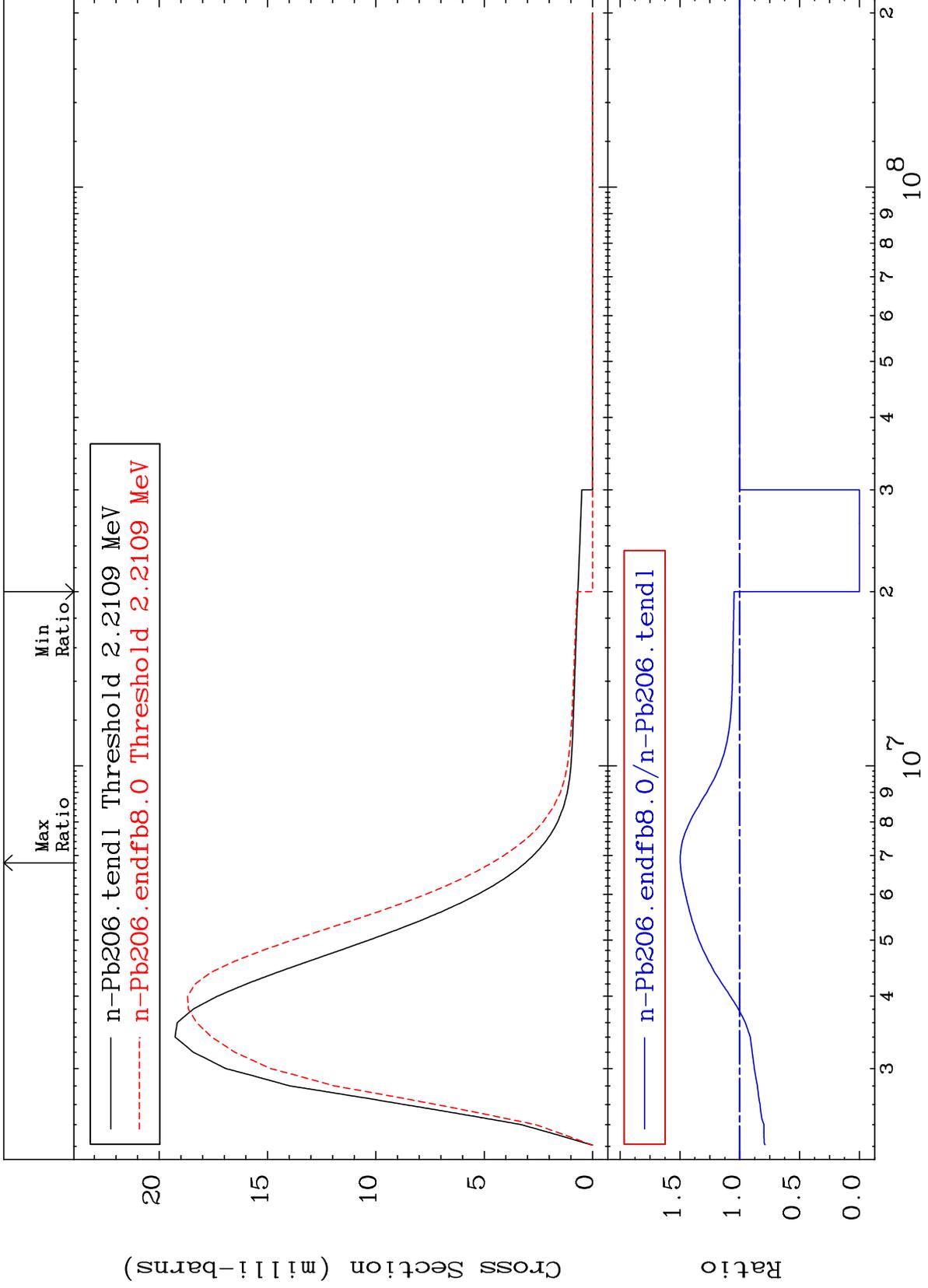
82-Pb-206
-100.0 To 9999. %



MAT 8231

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

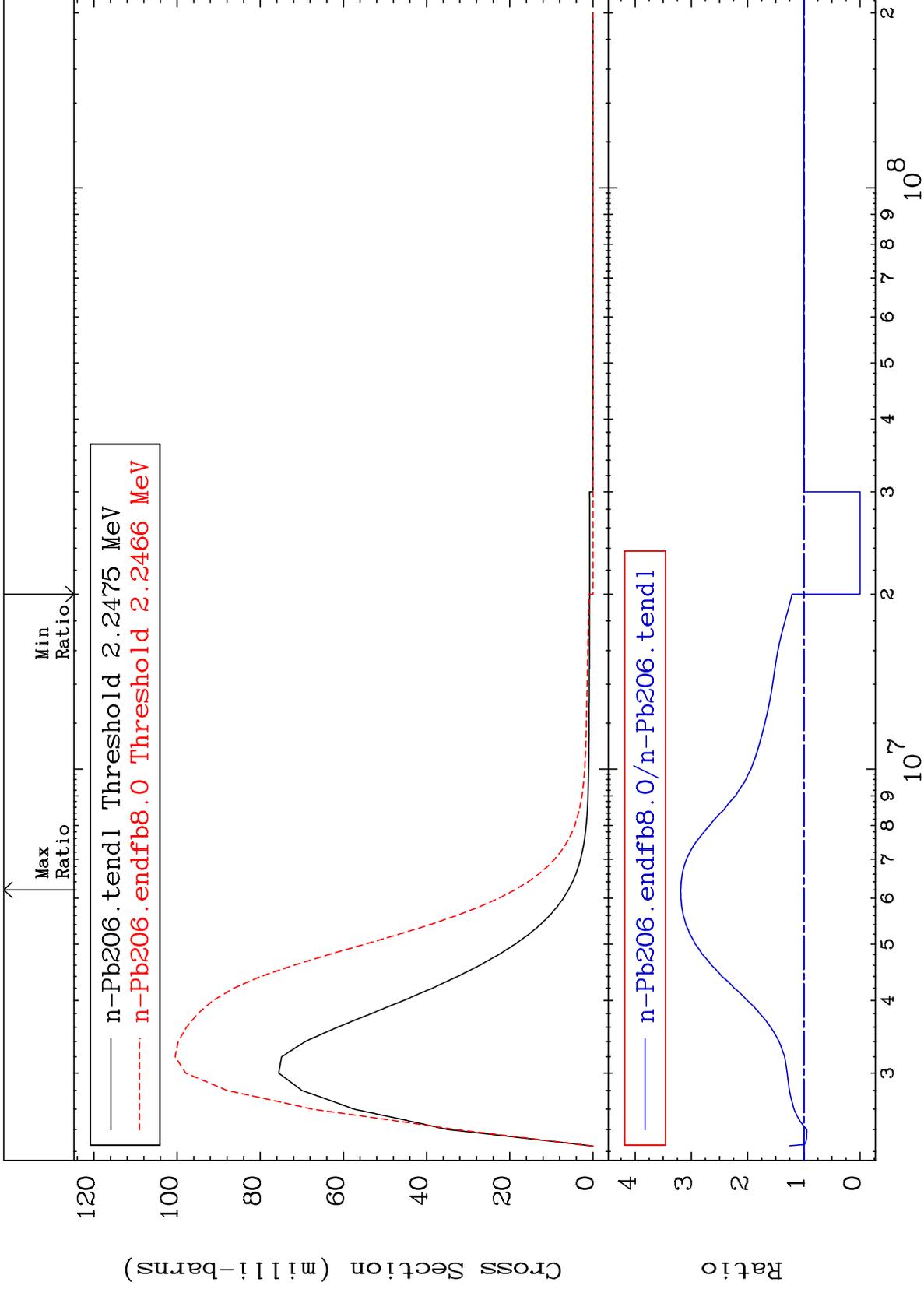
82-Pb-206
-100.0 To 49.71 %



MAT 8231

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

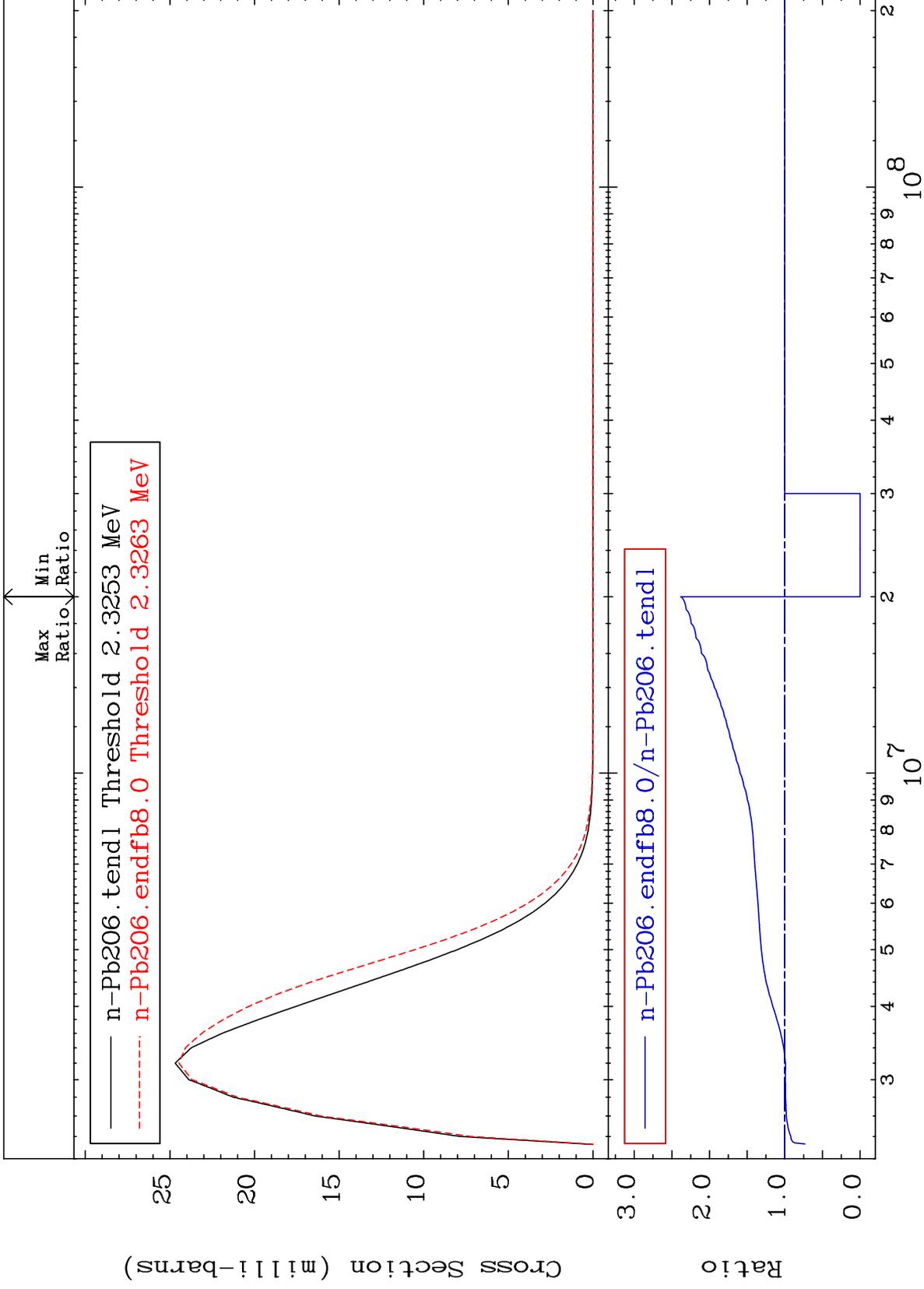
82-Pb-206
-100.0 To 218.9 %



MAT 8231

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

82-Pb-206
-100.0 To 138.2 %



25

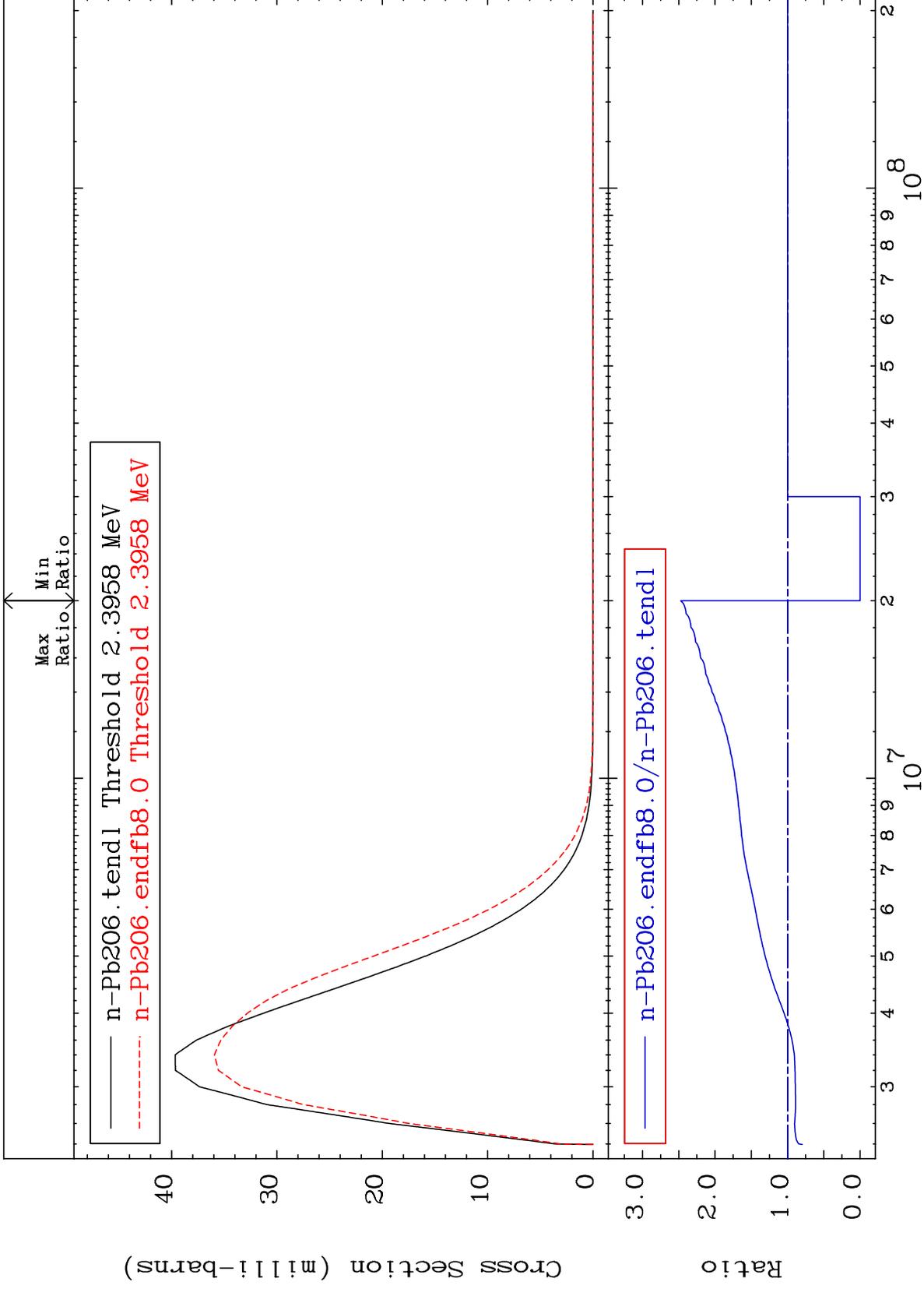
Incident Energy (eV)

82-Pb-206

MAT 8231

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

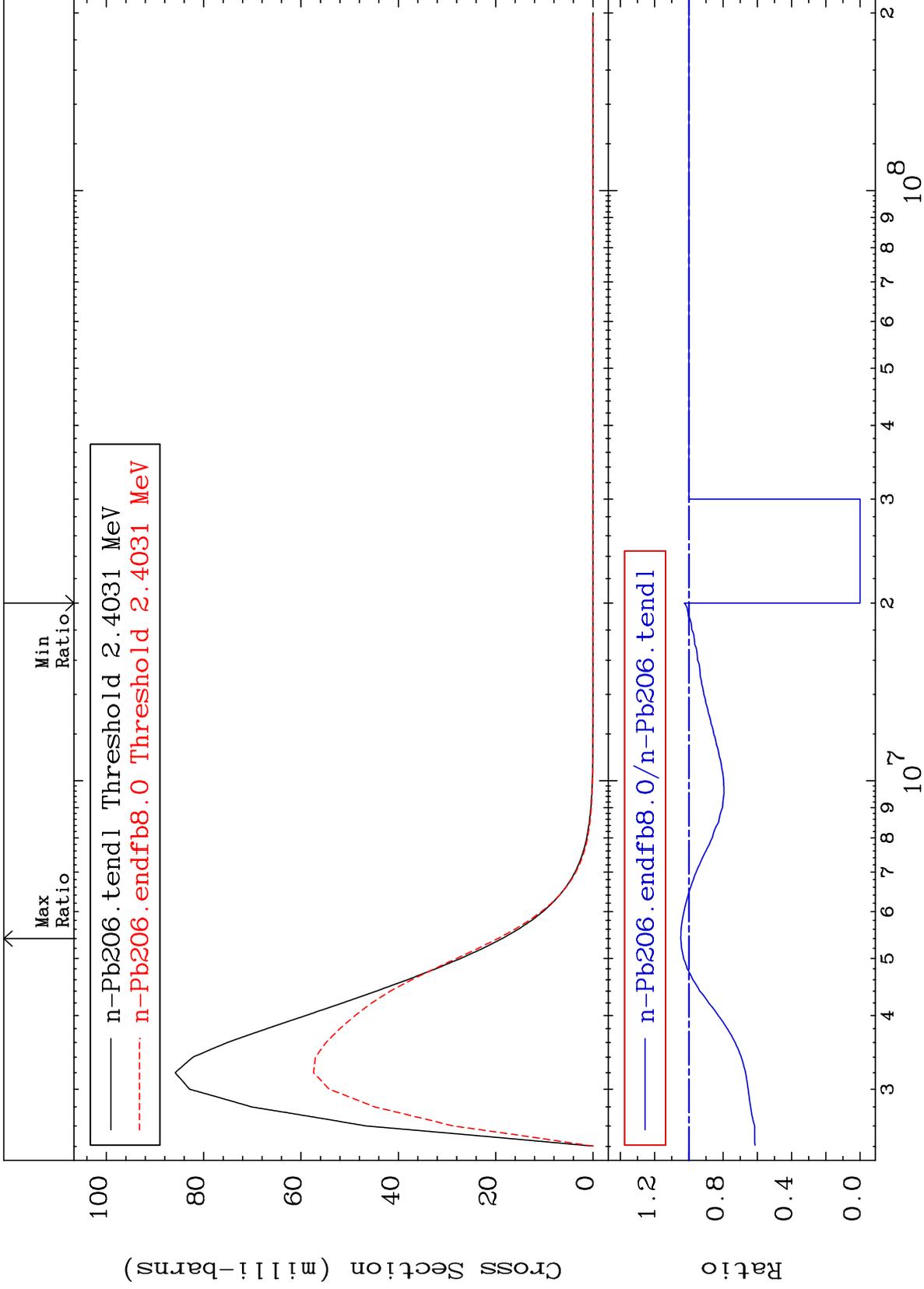
82-Pb-206
-100.0 To 147.2 %



MAT 8231

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

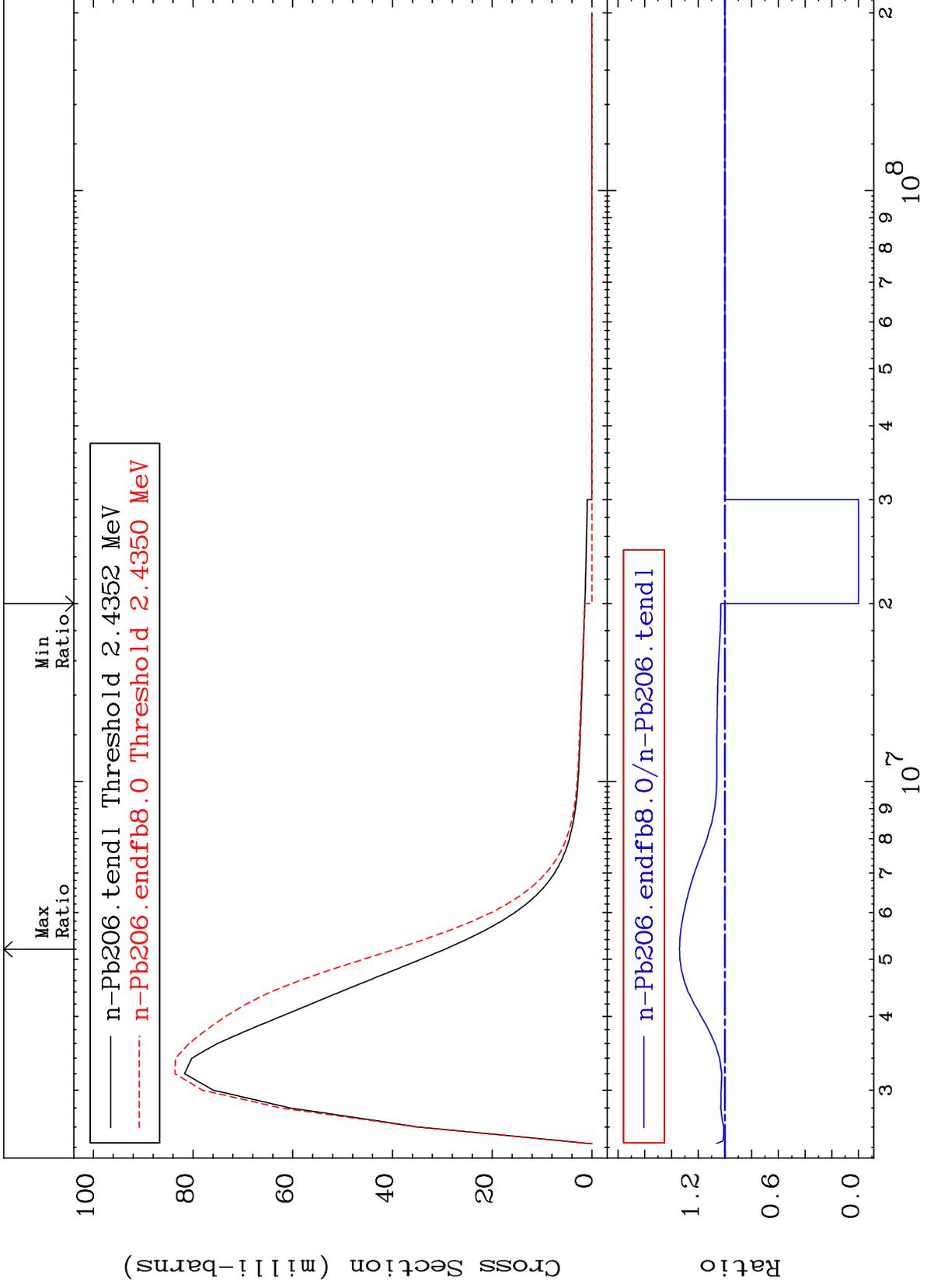
82-Pb-206
-100.0 To 4.749 %



MAT 8231

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

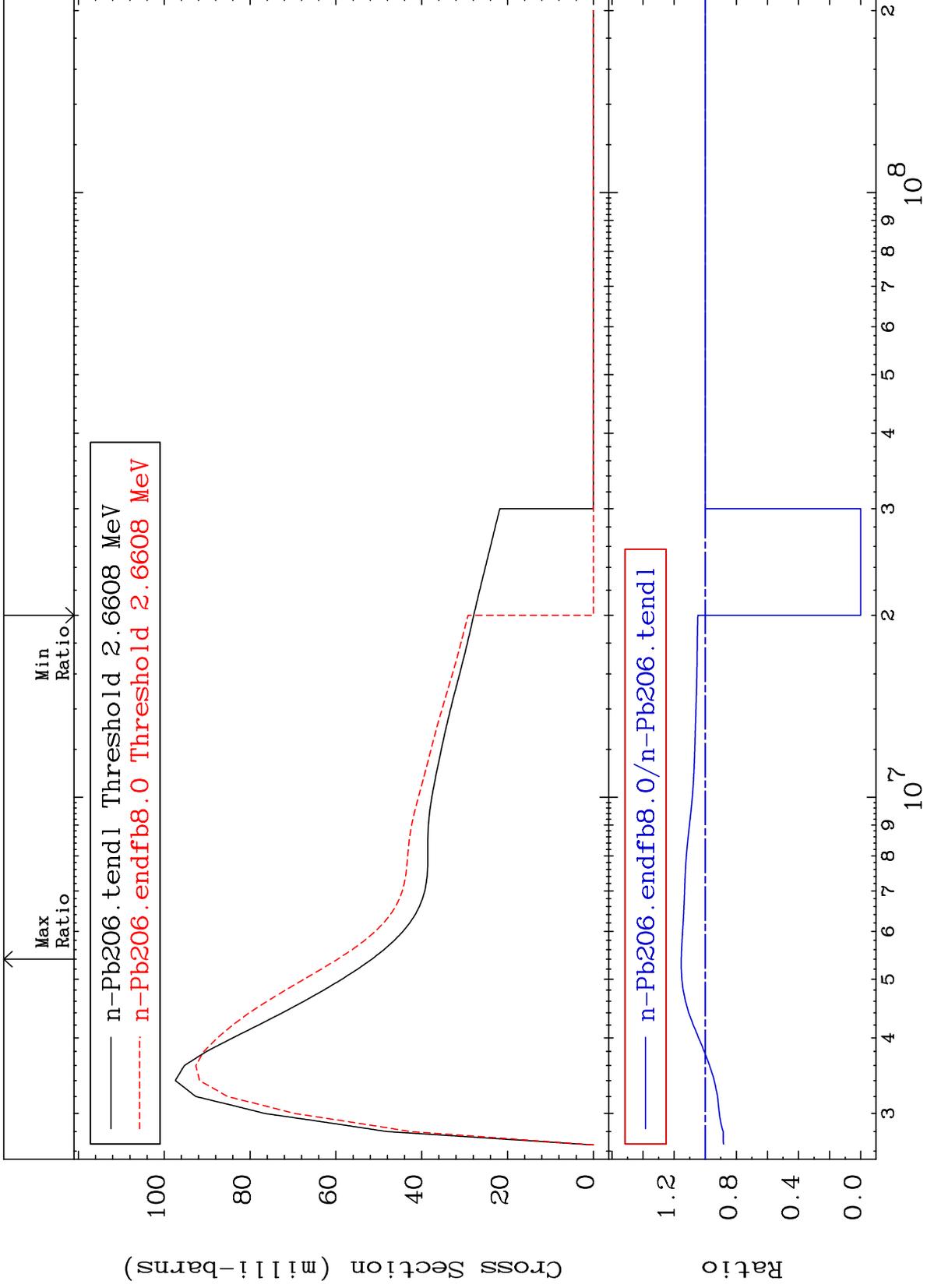
82-Pb-206
-100.0 To 33.98 %



MAT 8231

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

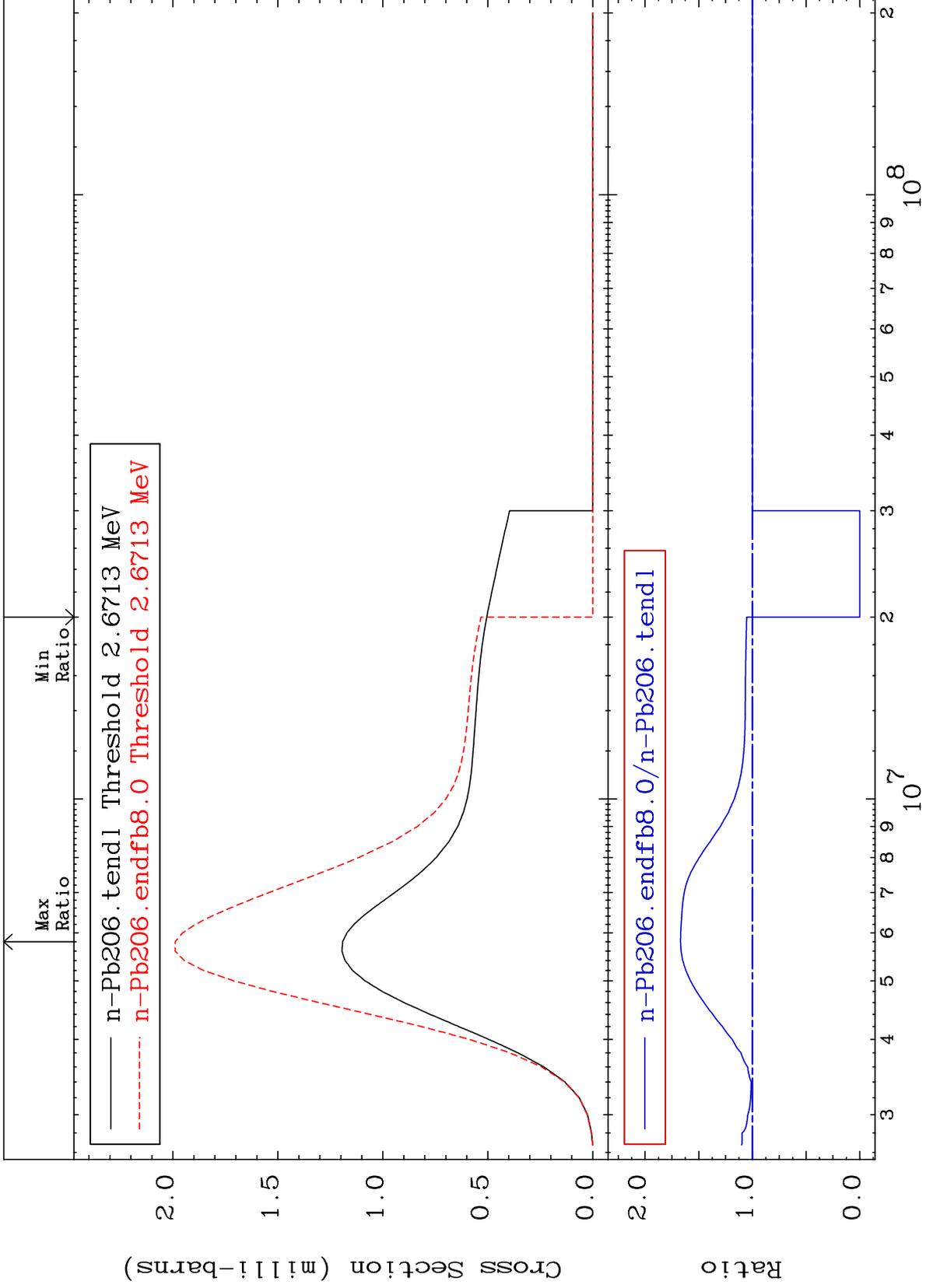
82-Pb-206
-100.0 To 15.43 %



MAT 8231

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

82-Pb-206
-100.0 To 66.98 %



30

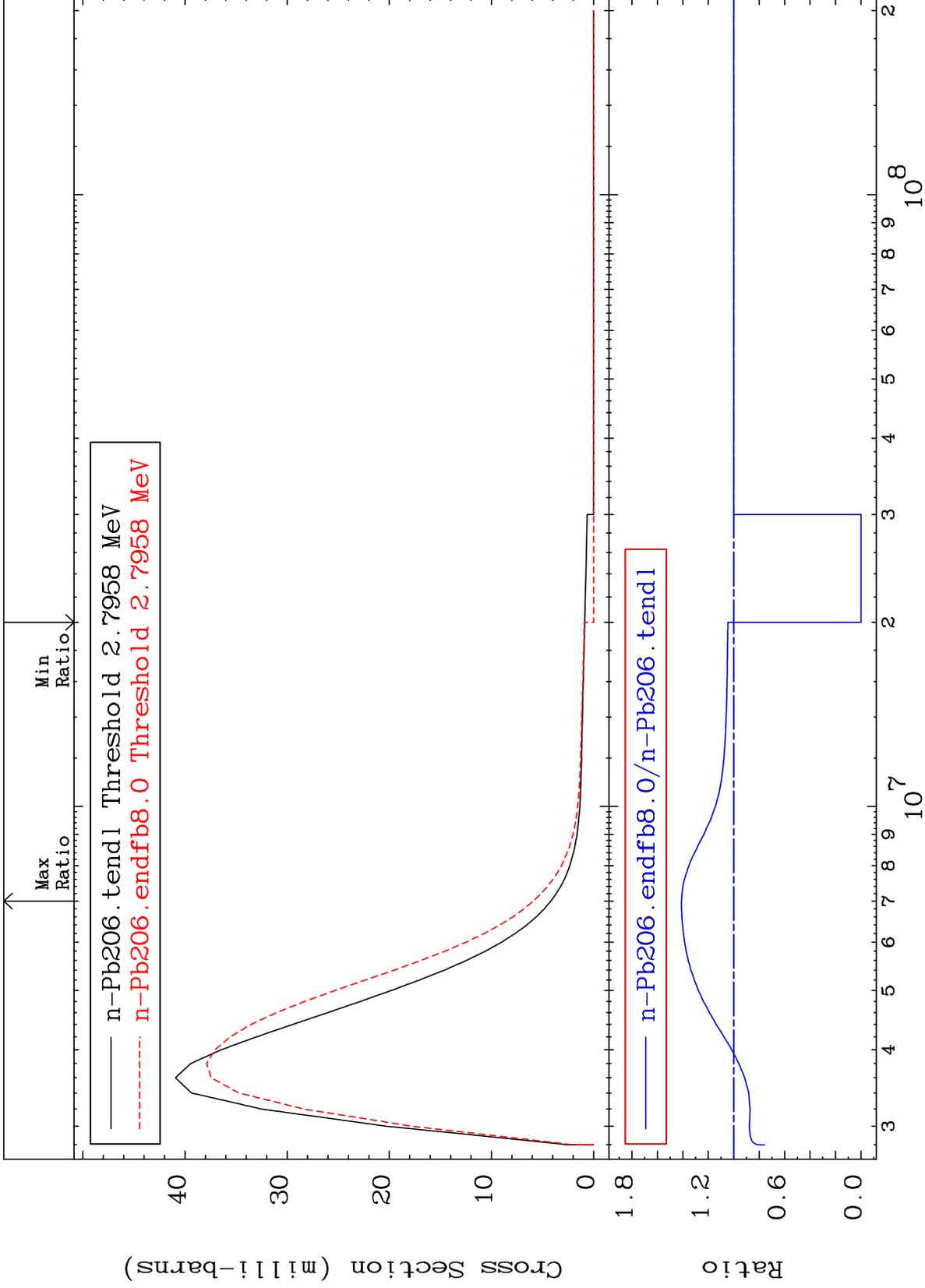
Incident Energy (eV)

82-Pb-206

MAT 8231

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

82-Pb-206
-100.0 To 41.06 %



31

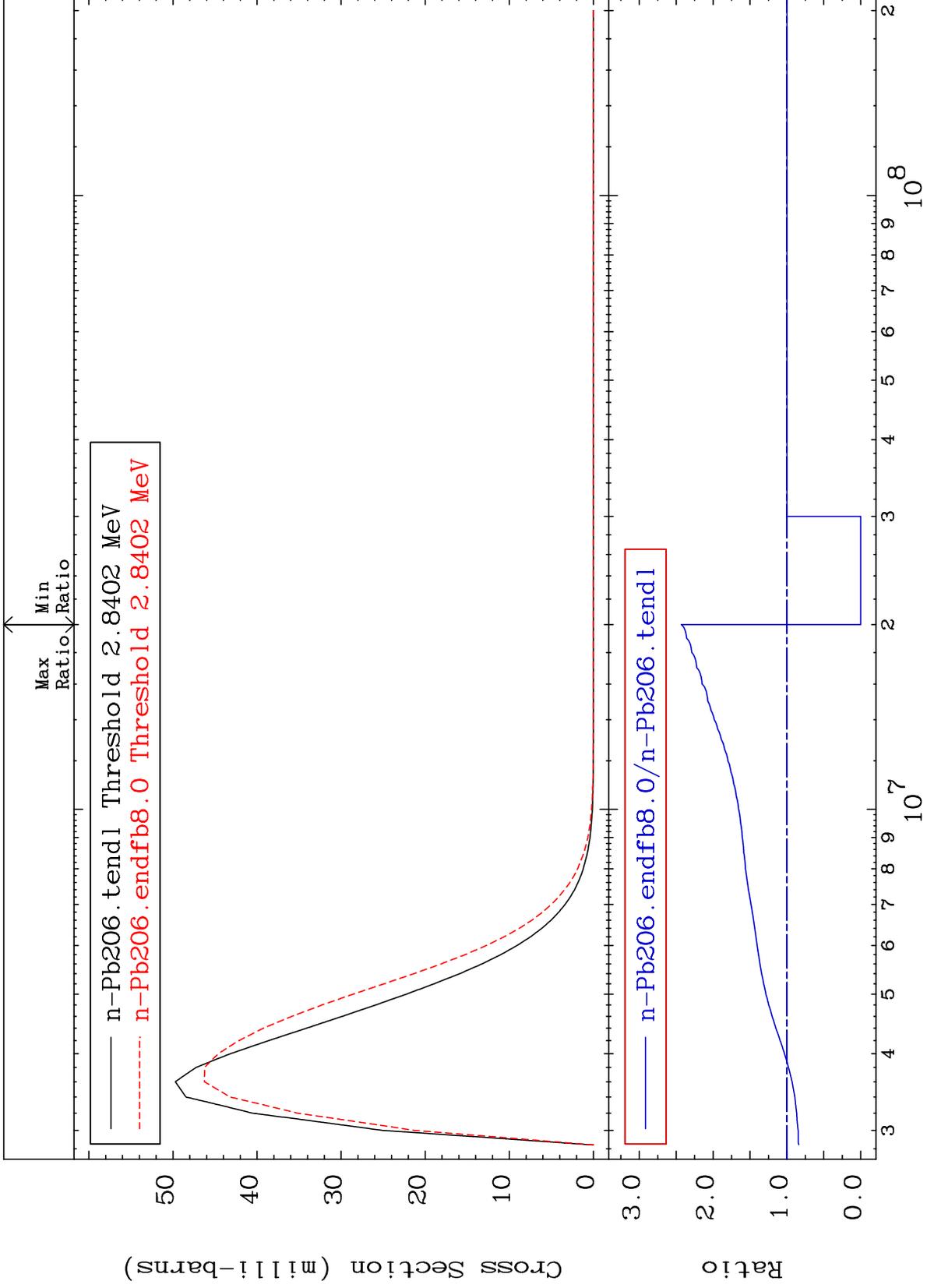
Incident Energy (eV)

82-Pb-206

MAT 8231

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

82-Pb-206
-100.0 To 143.2 %



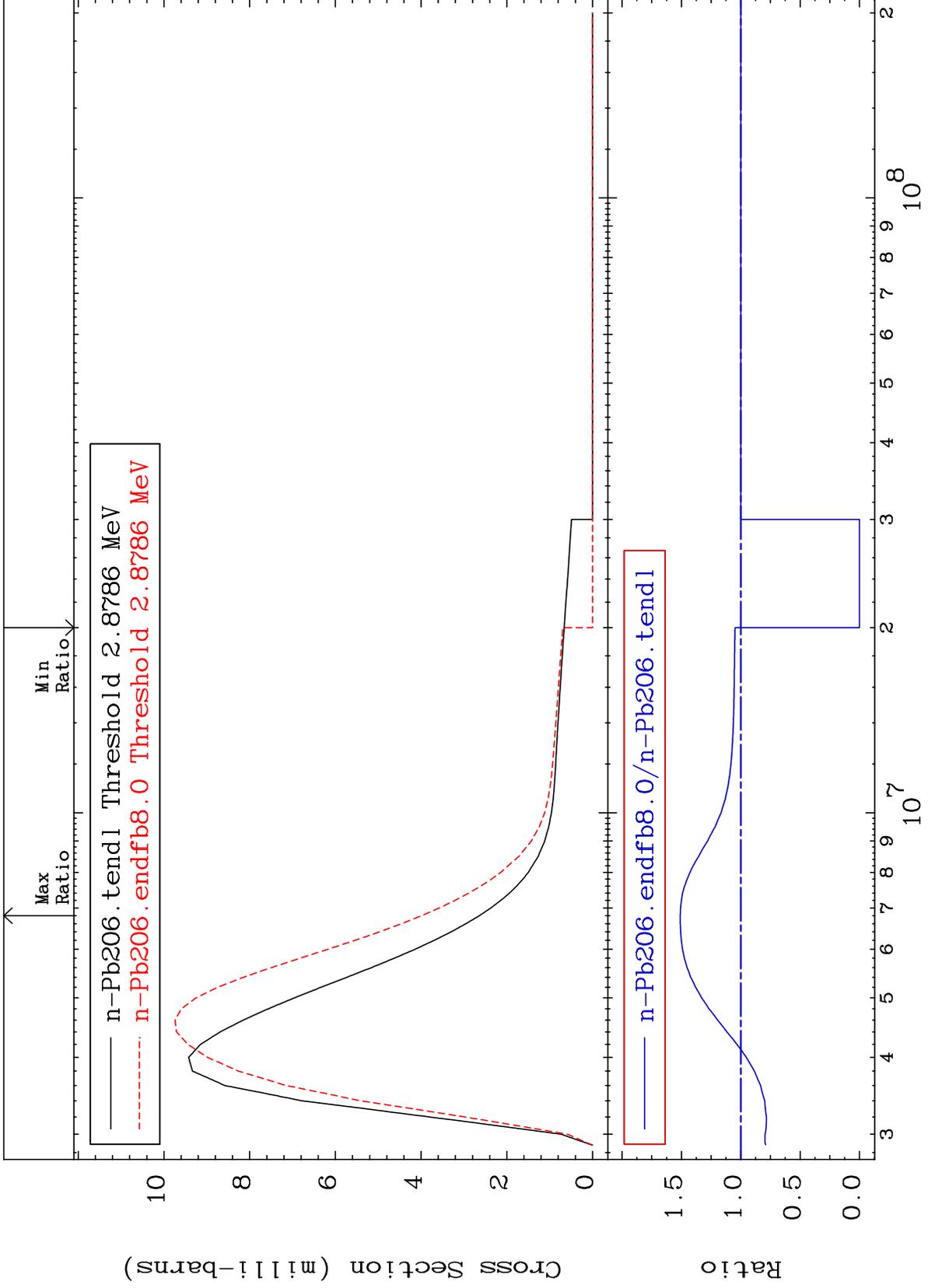
32

82-Pb-206

MAT 8231

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

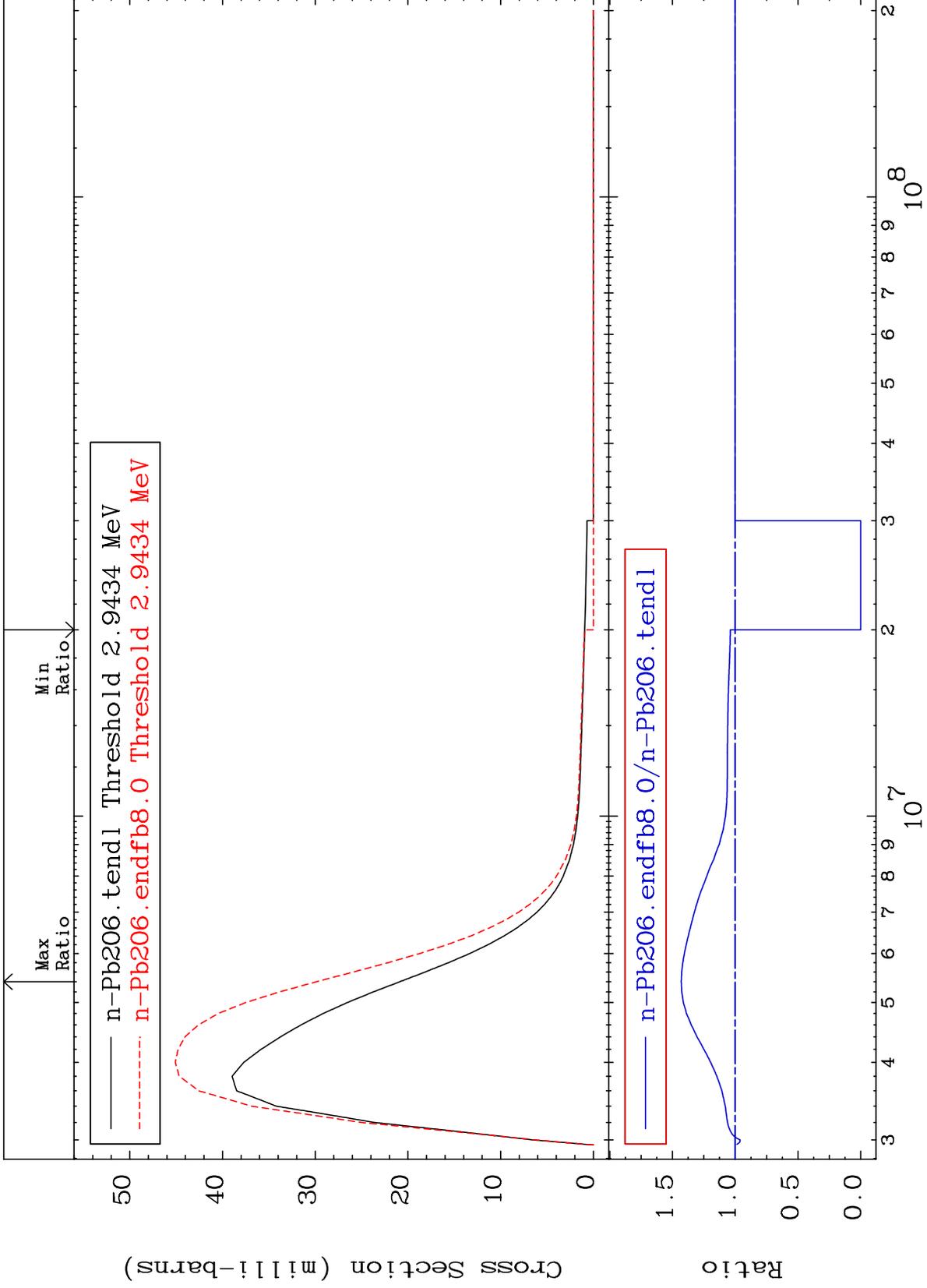
82-Pb-206
-100.0 To 50.96 %



MAT 8231

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

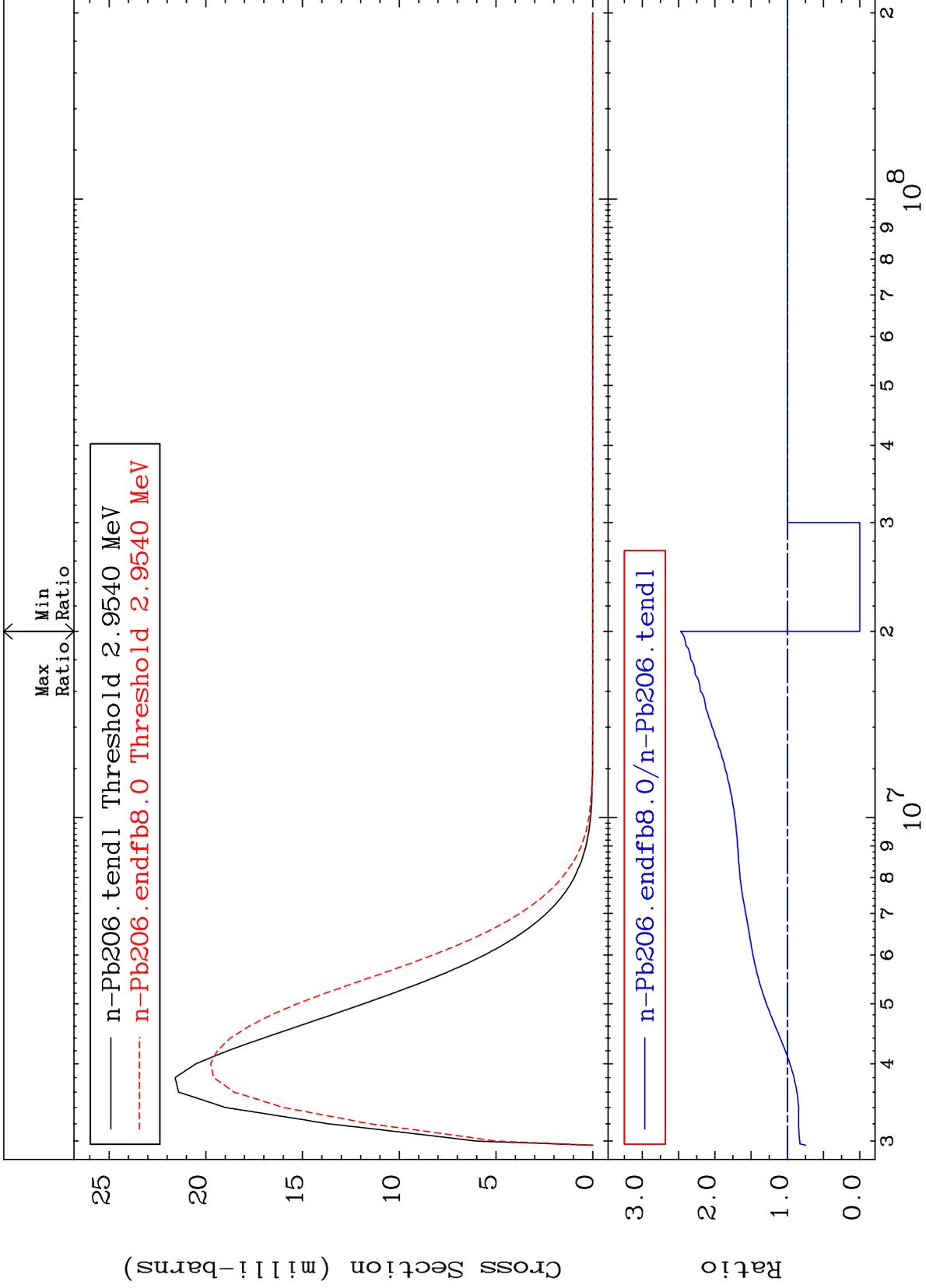
82-Pb-206
-100.0 To 43.01 %



MAT 8231

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

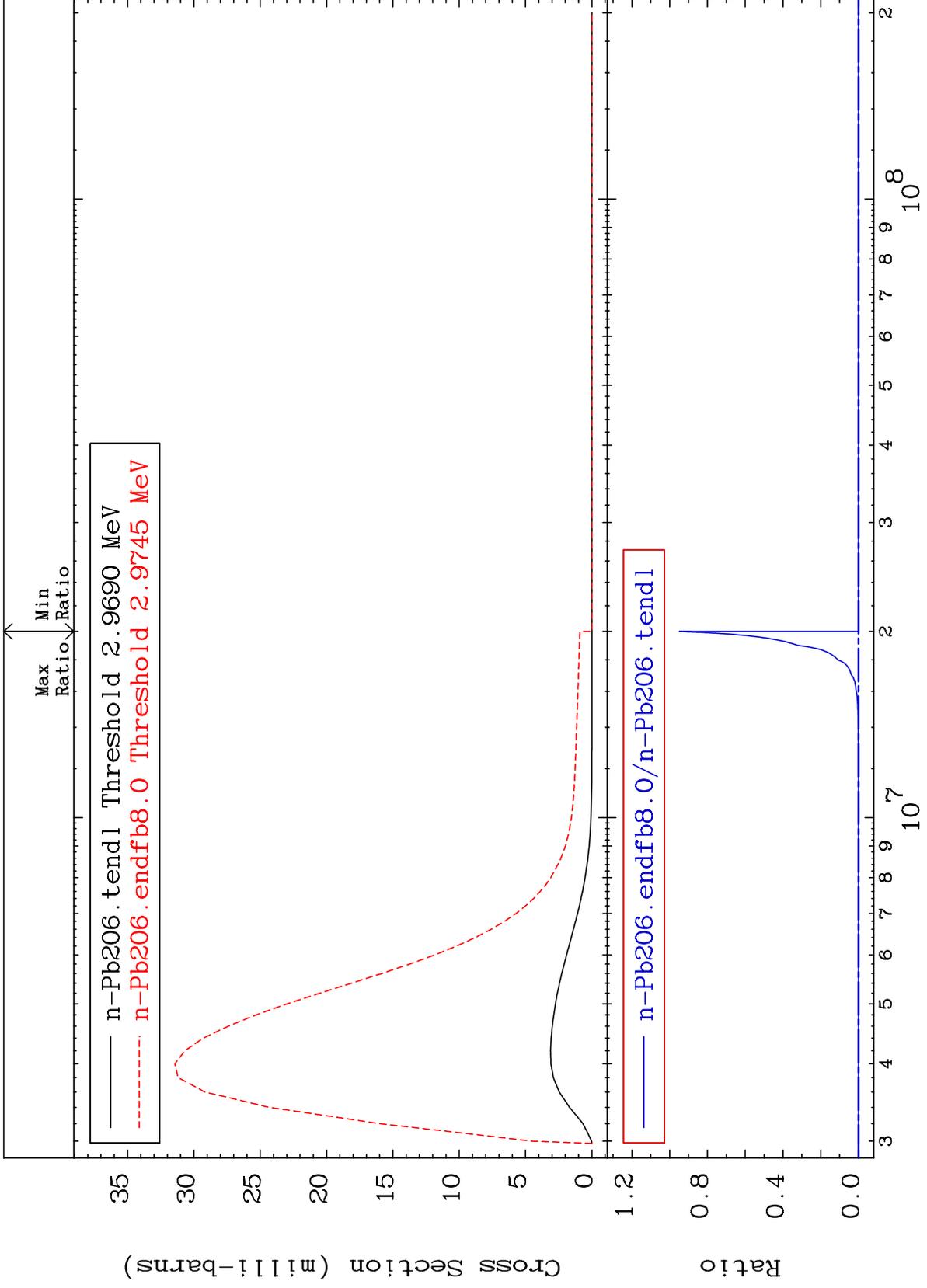
82-Pb-206
-100.0 To 147.3 %



MAT 8231

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

82-Pb-206
-100.0 To 9999. %



36

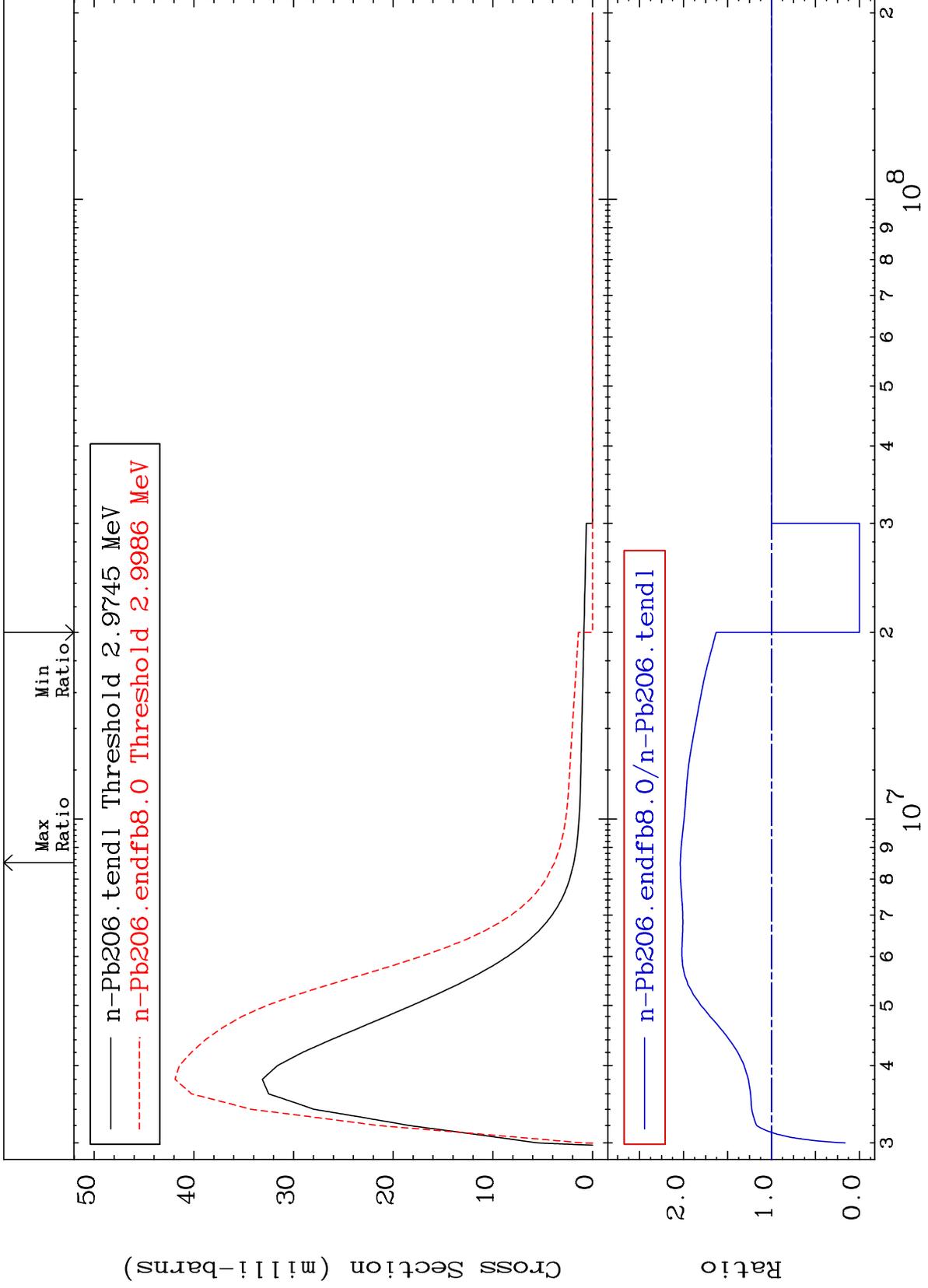
Incident Energy (eV)

82-Pb-206

MAT 8231

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

82-Pb-206
-100.0 To 103.8 %



37

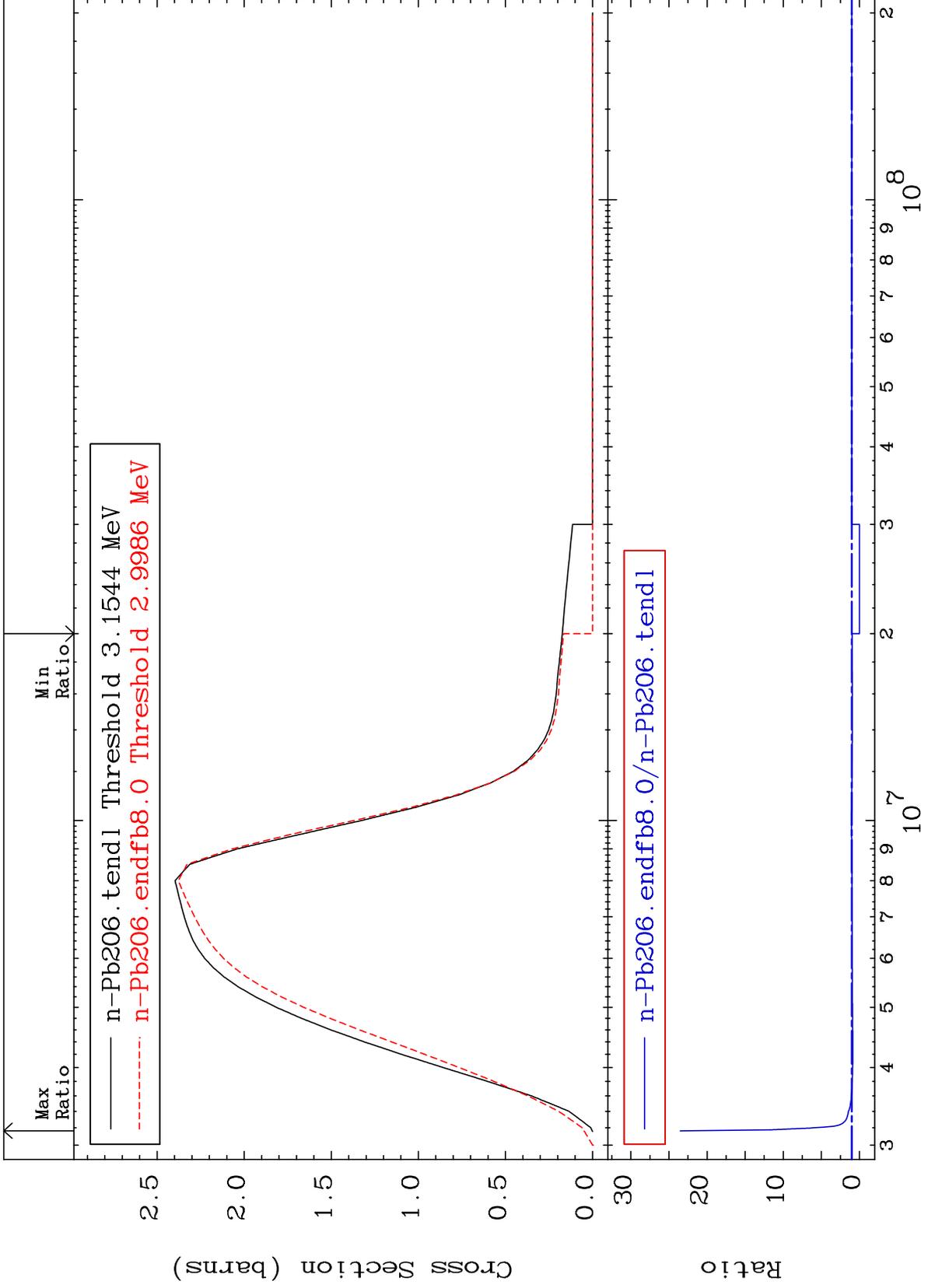
Incident Energy (eV)

82-Pb-206

MAT 8231

(n, n') Continuum
Cross Section

82-Pb-206
-100.0 To 2251. %



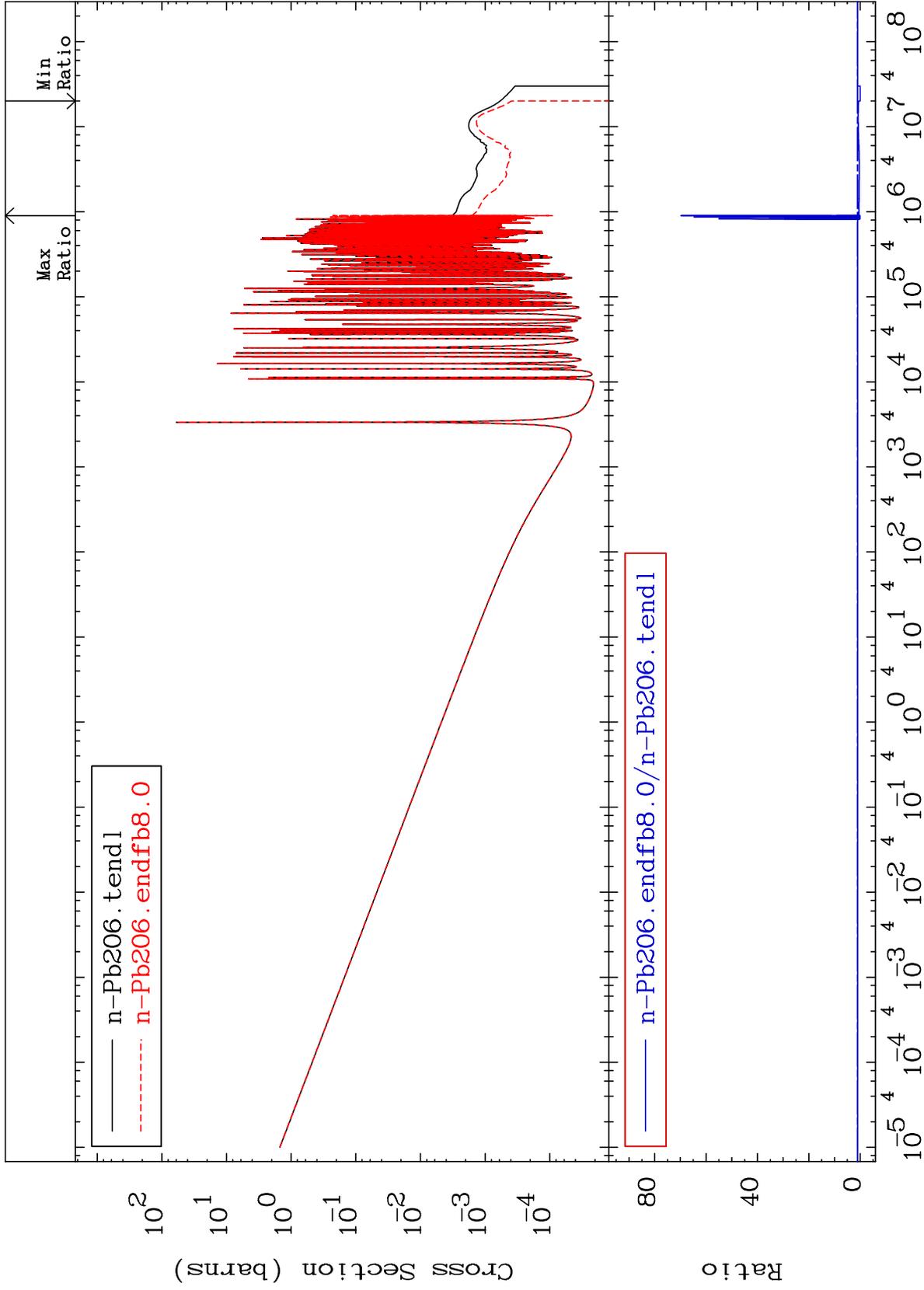
MAT 8231

(n, γ)

82-Pb-206

Cross Section

-100.0 To 6869. %



39

Incident Energy (eV)

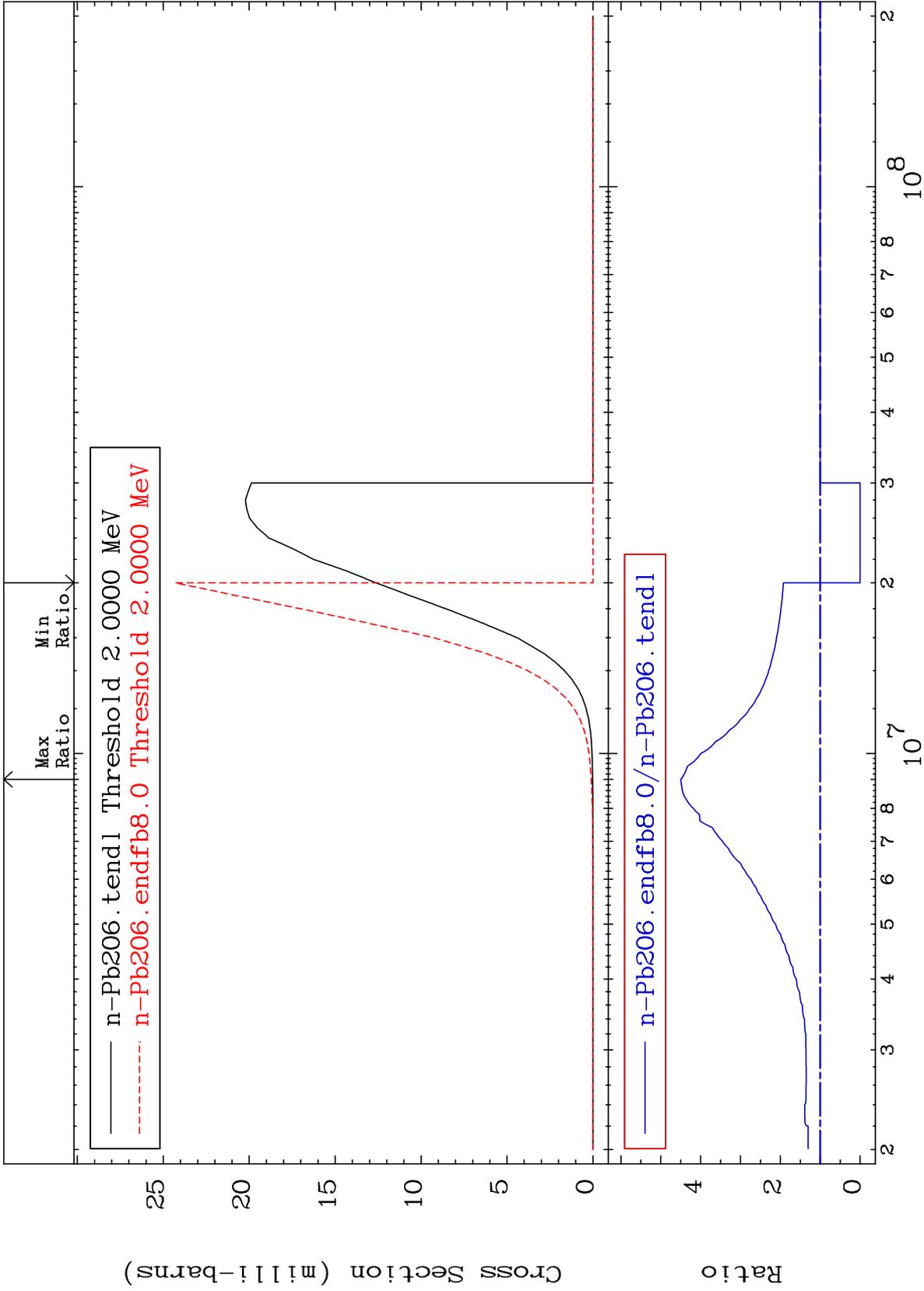
82-Pb-206

MAT 8231

82-Pb-206

-100.0 To 349.9 %

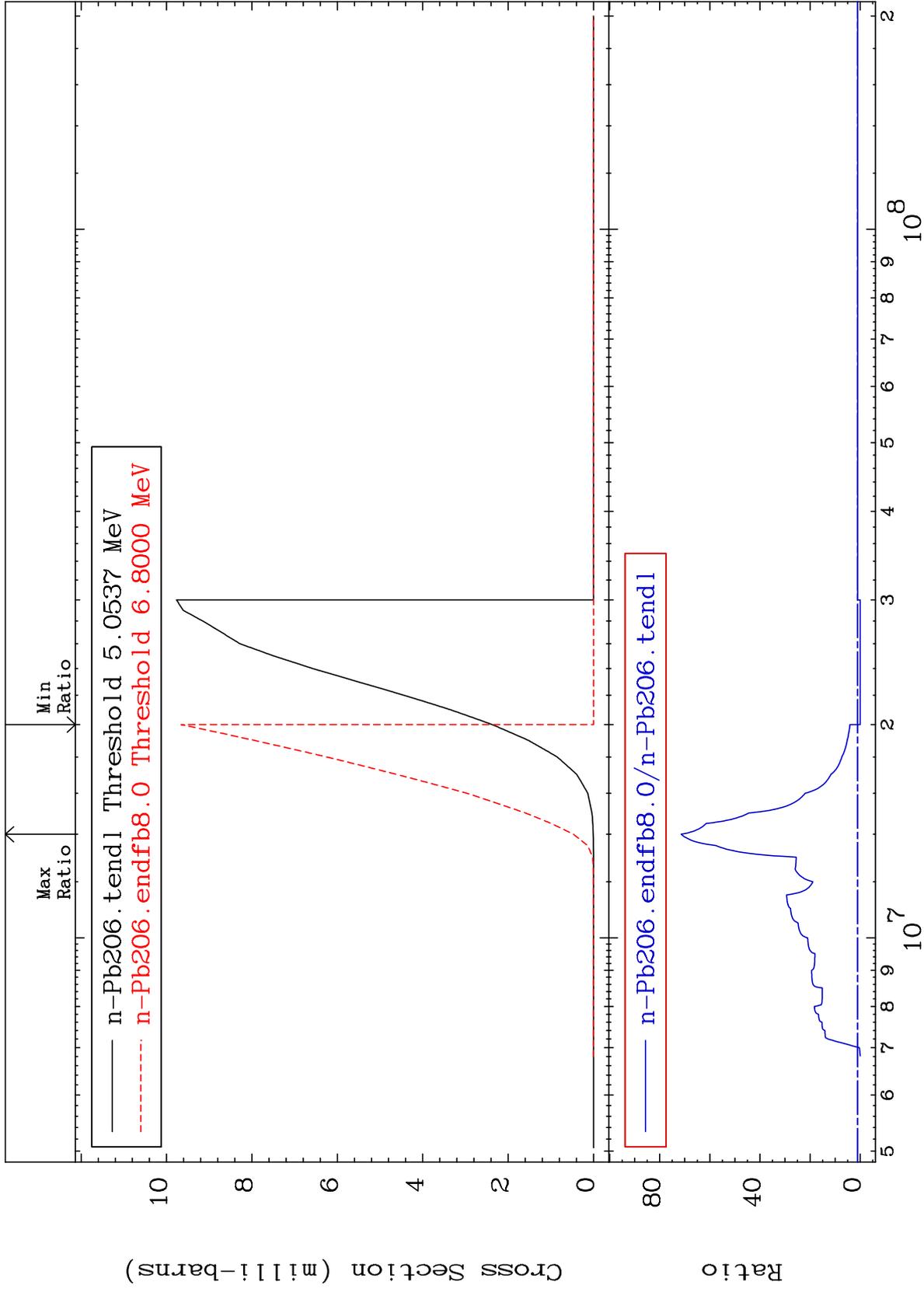
(n,p)
Cross Section



40

Incident Energy (eV)

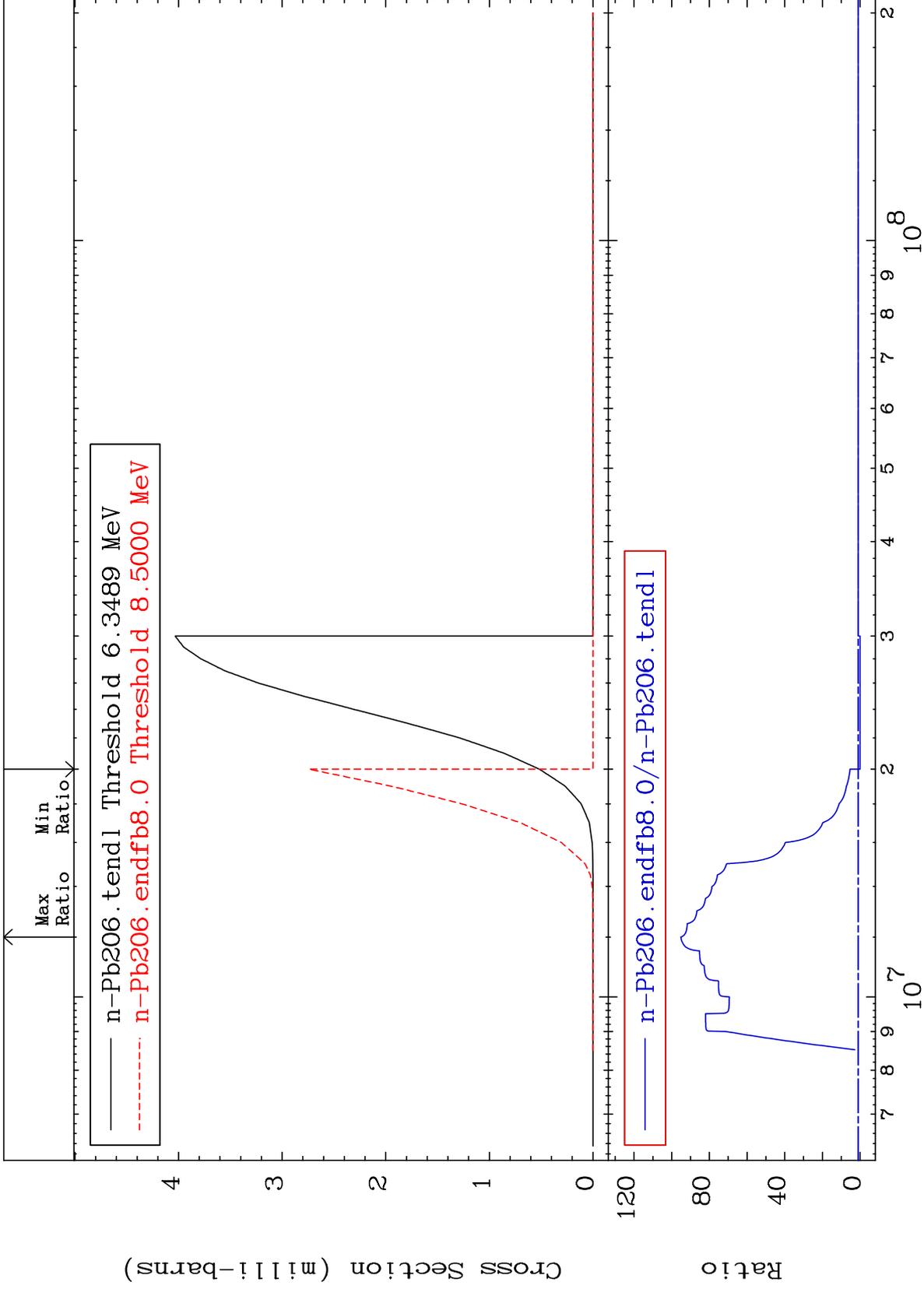
82-Pb-206



MAT 8231

(n, t)
Cross Section

82-Pb-206
-100.0 To 9419. %



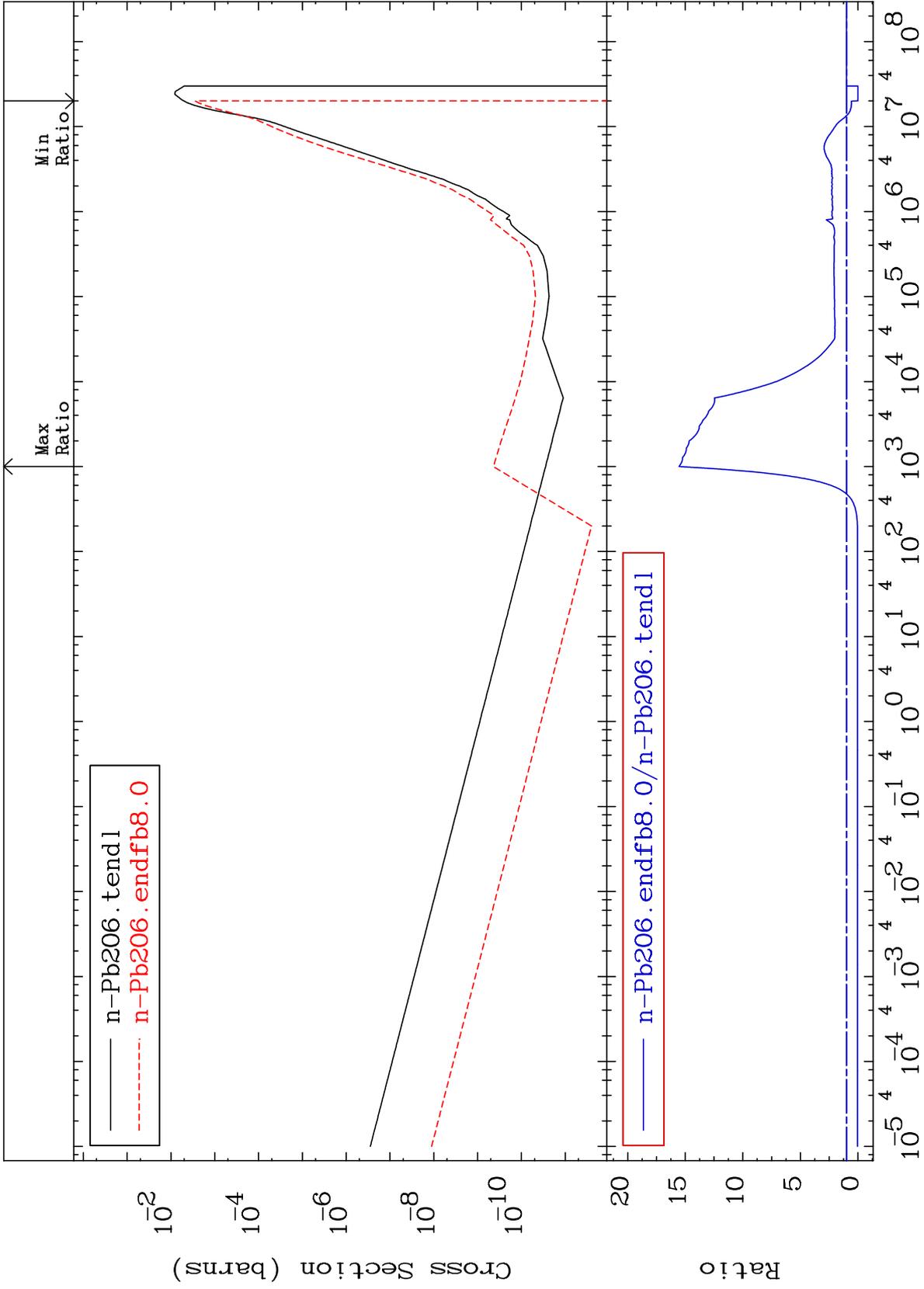
42

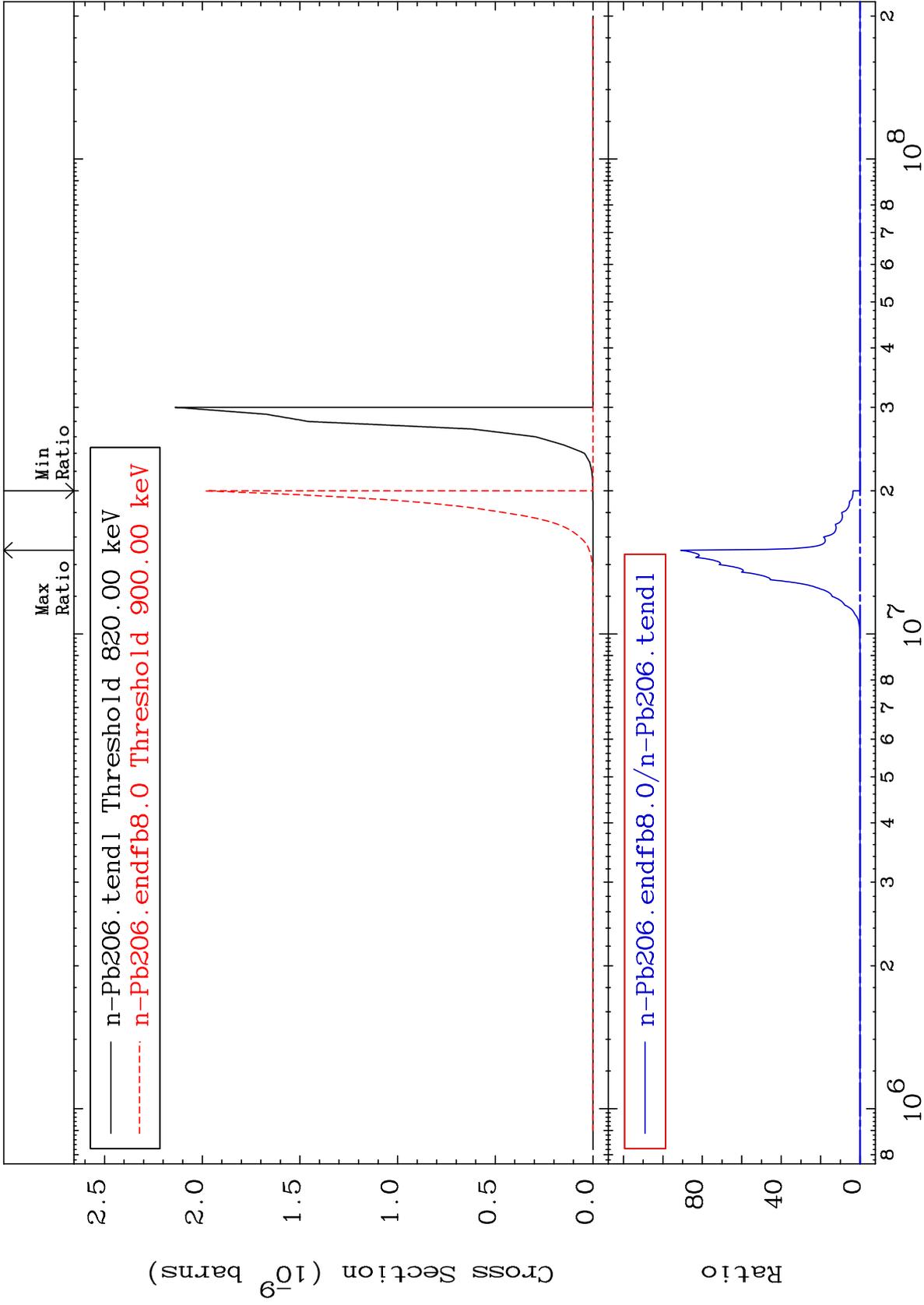
Incident Energy (eV)

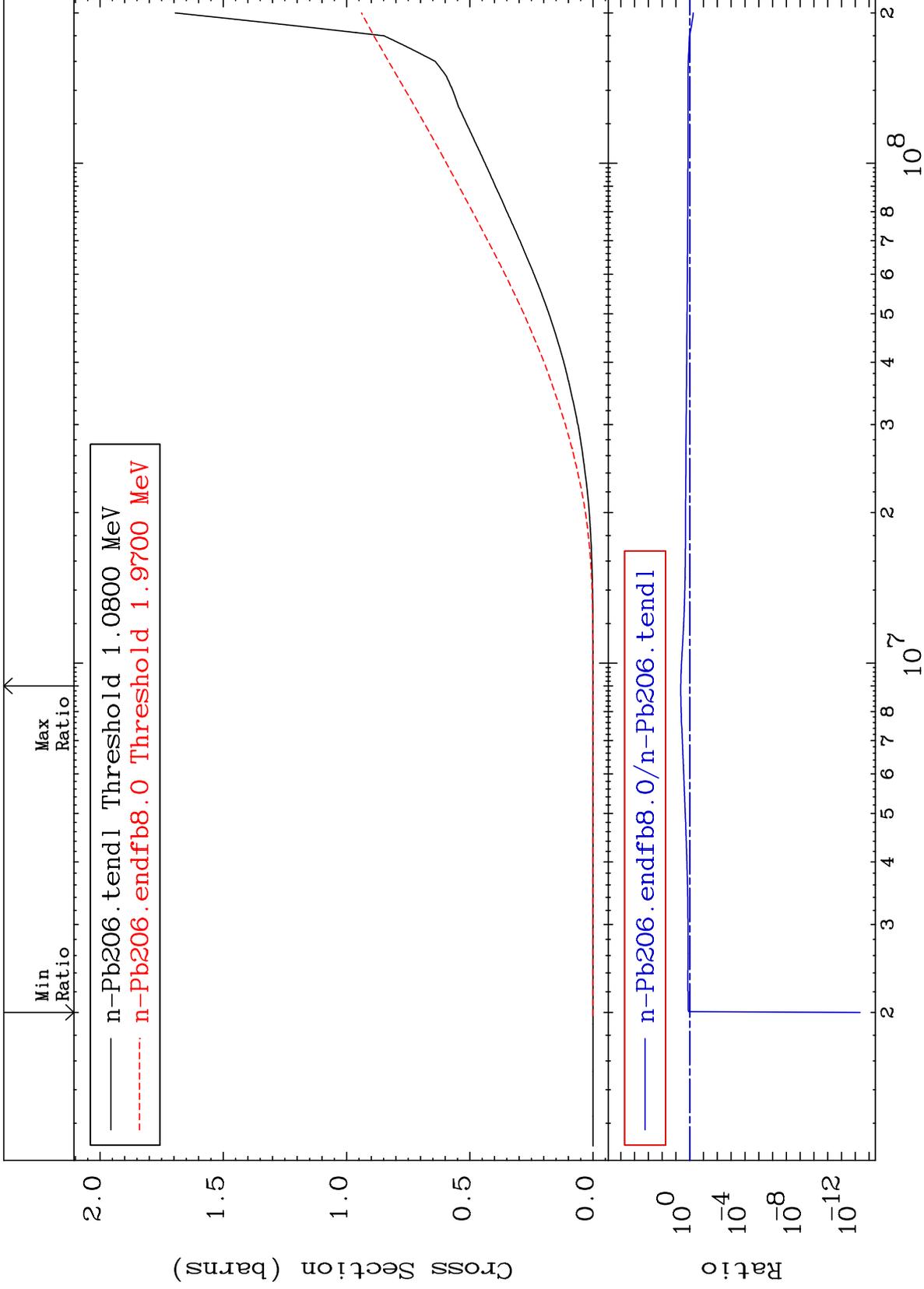
82-Pb-206

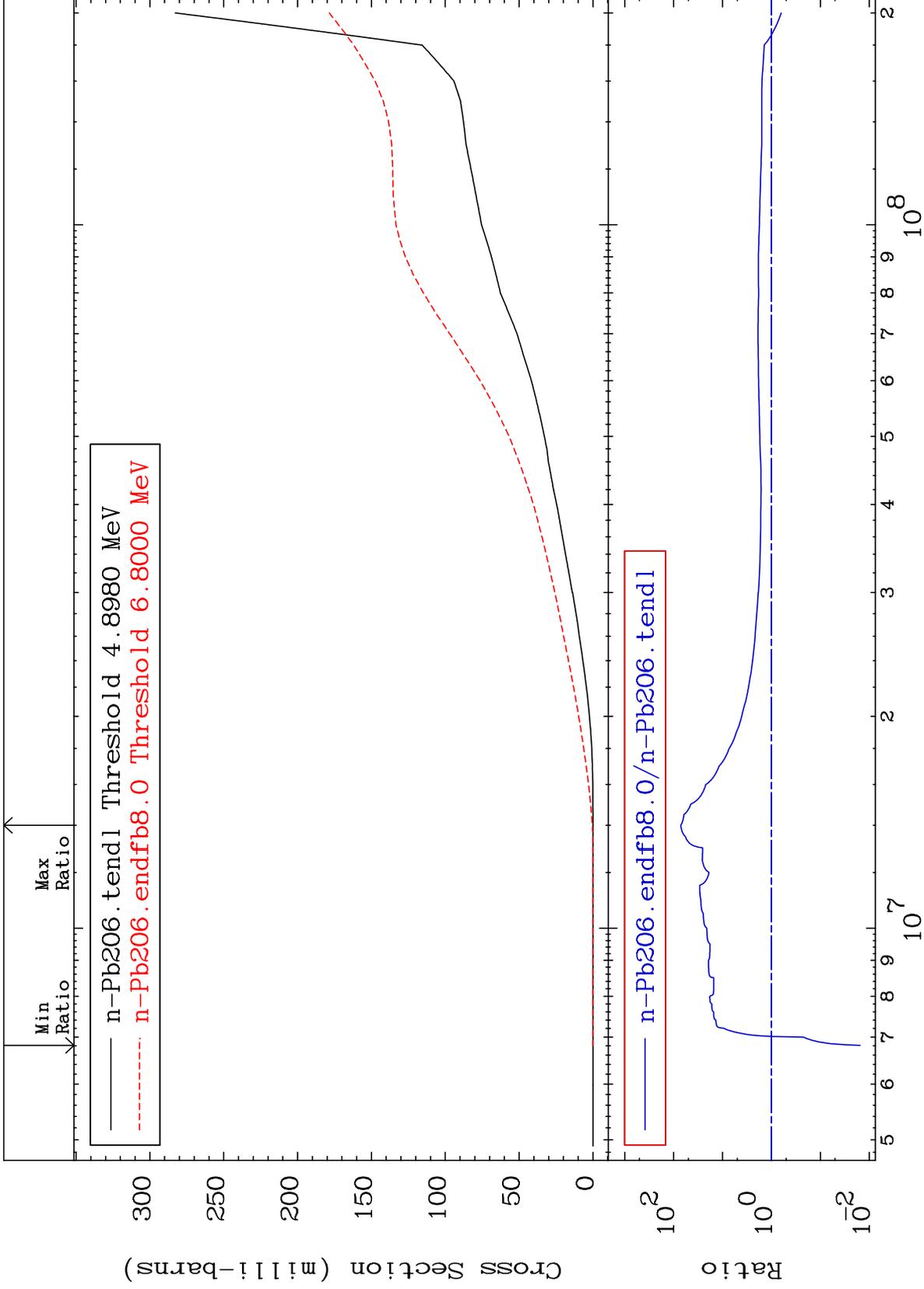
MAT 8231

(n, α)
Cross Section
82-Pb-206
-100.0 To 1454. %





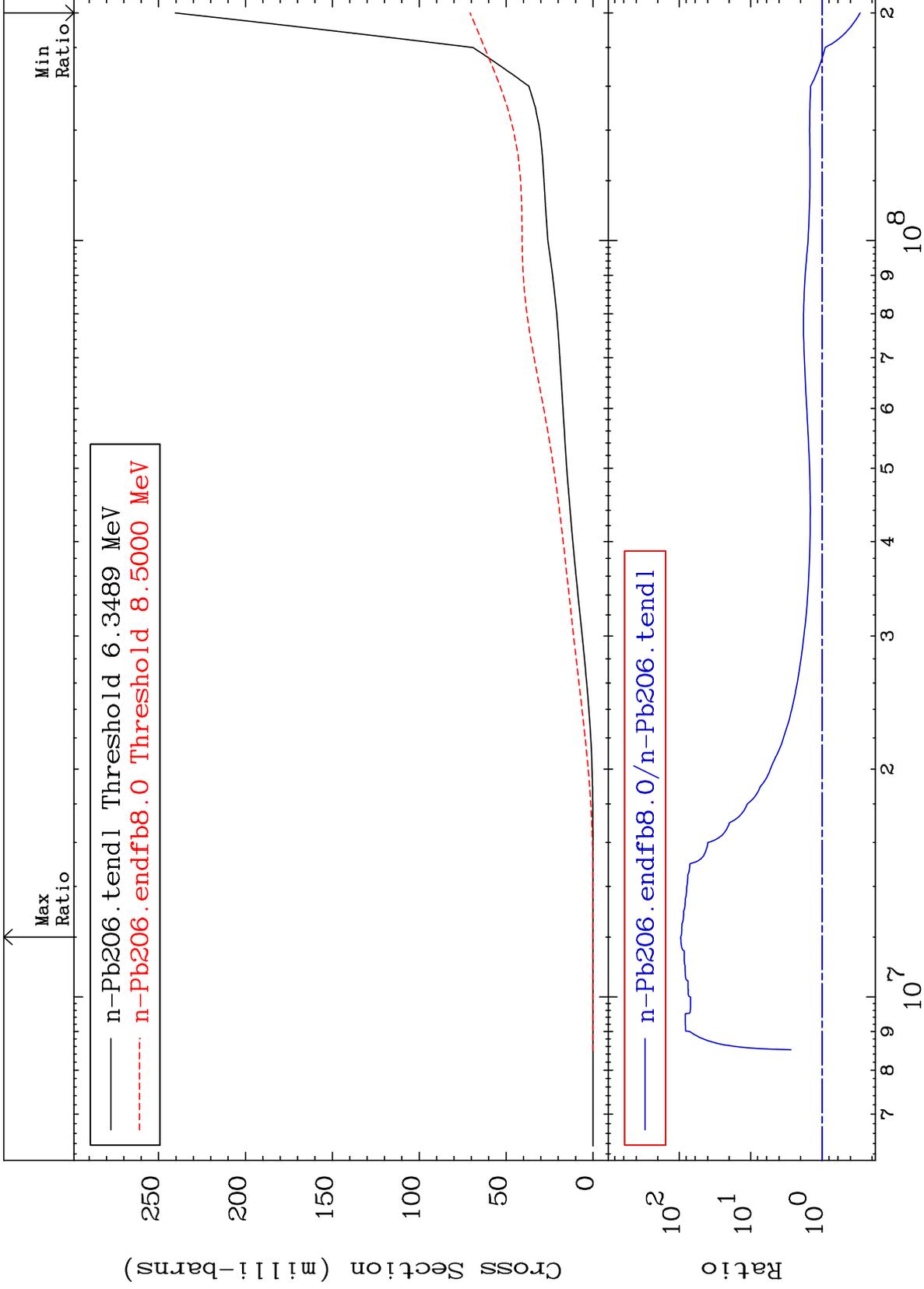




MAT 8231

Tritium Production
Cross Section

82-Pb-206
-70.57 To 9419. %



47

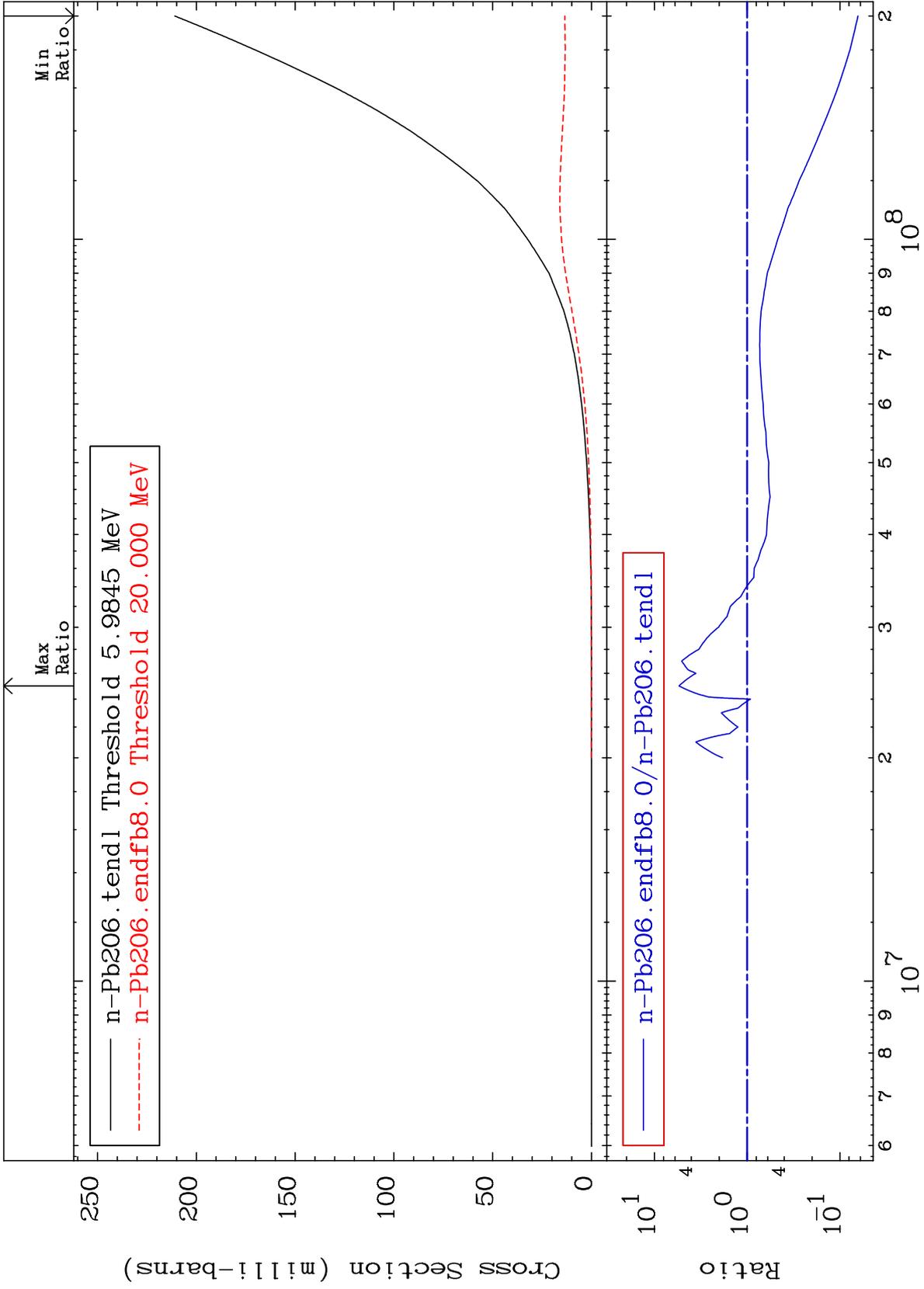
Incident Energy (eV)

82-Pb-206

MAT 8231

He-3 Production
Cross Section

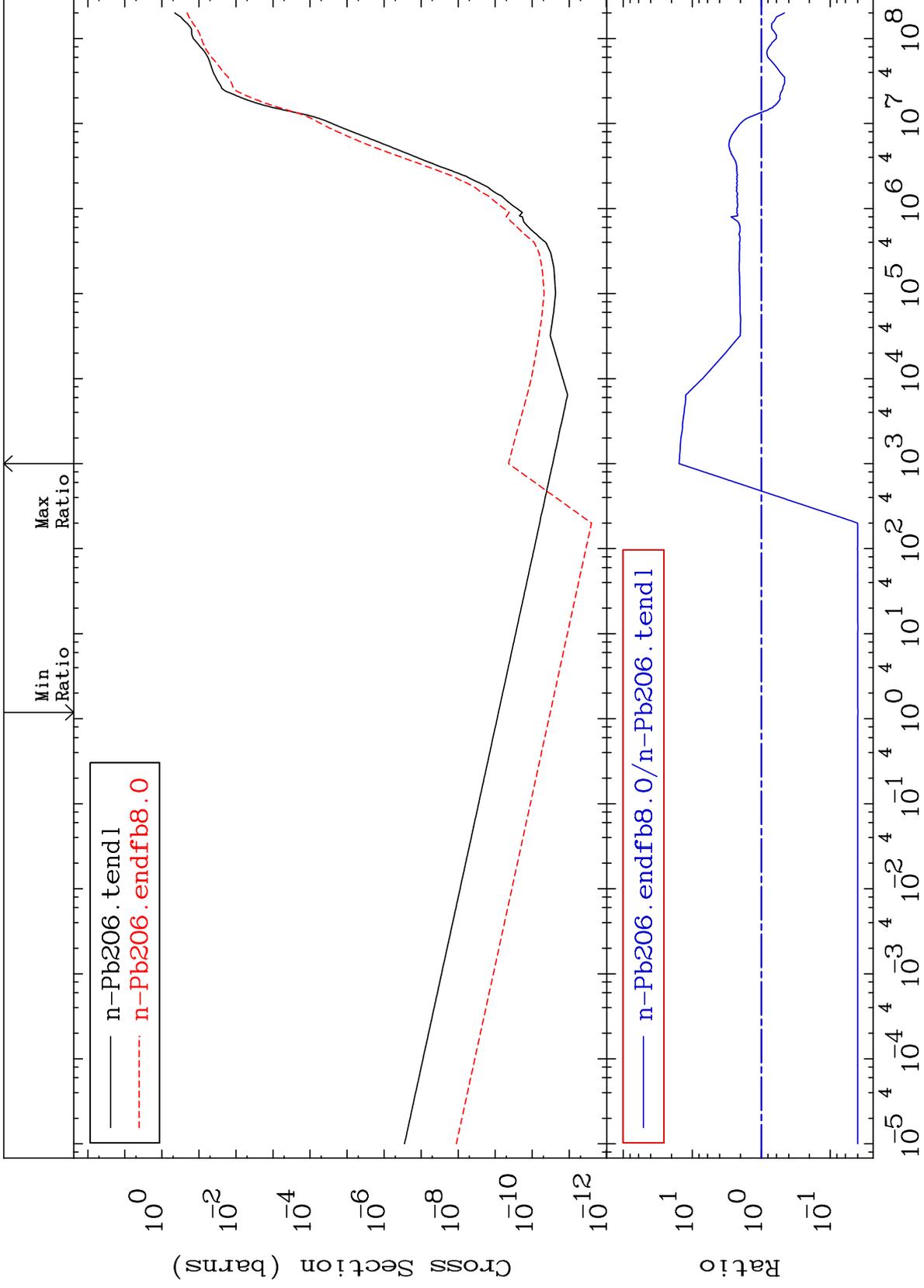
82-Pb-206
-93.61 To 443.6 %



48

Incident Energy (eV)

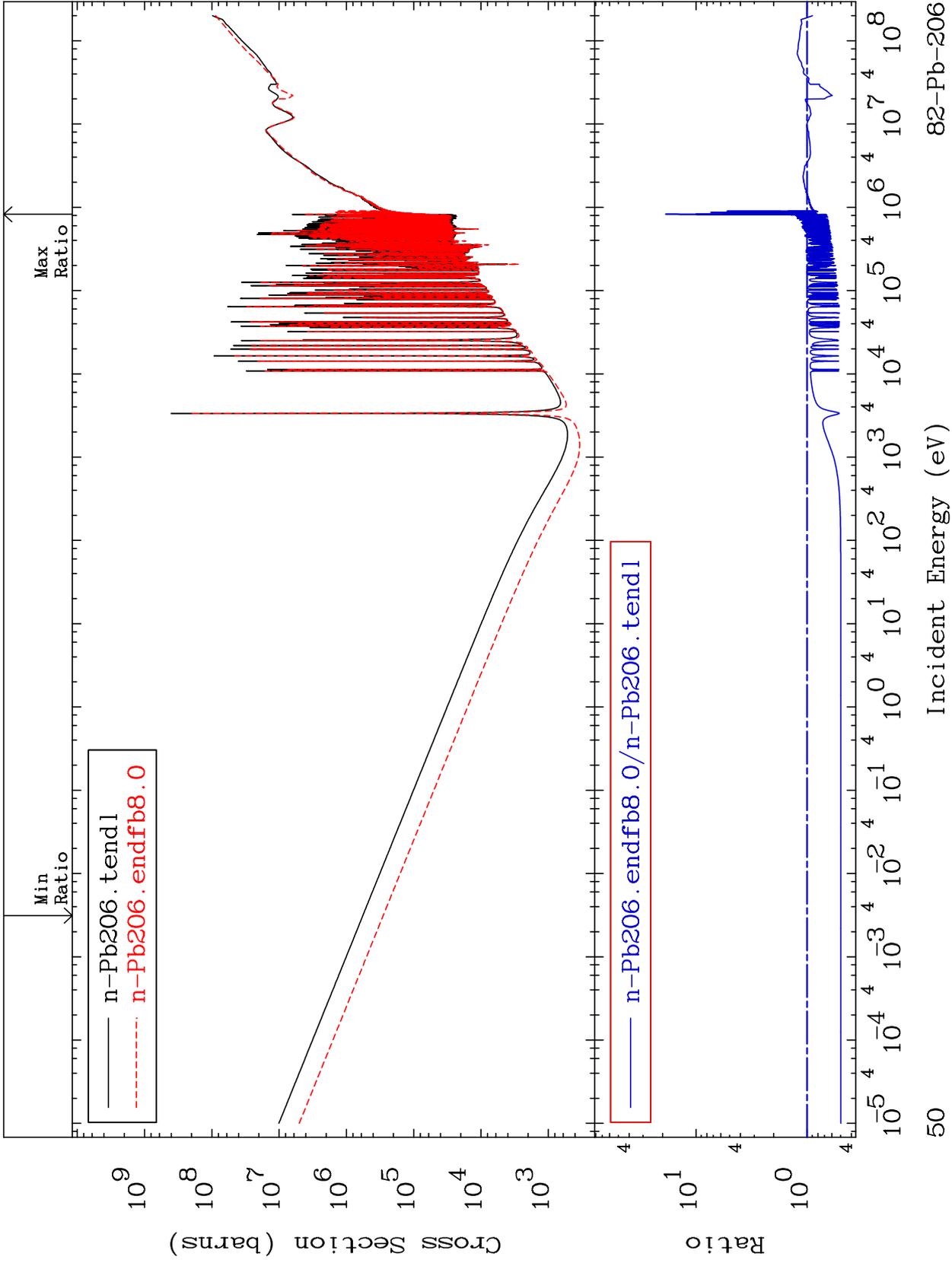
82-Pb-206

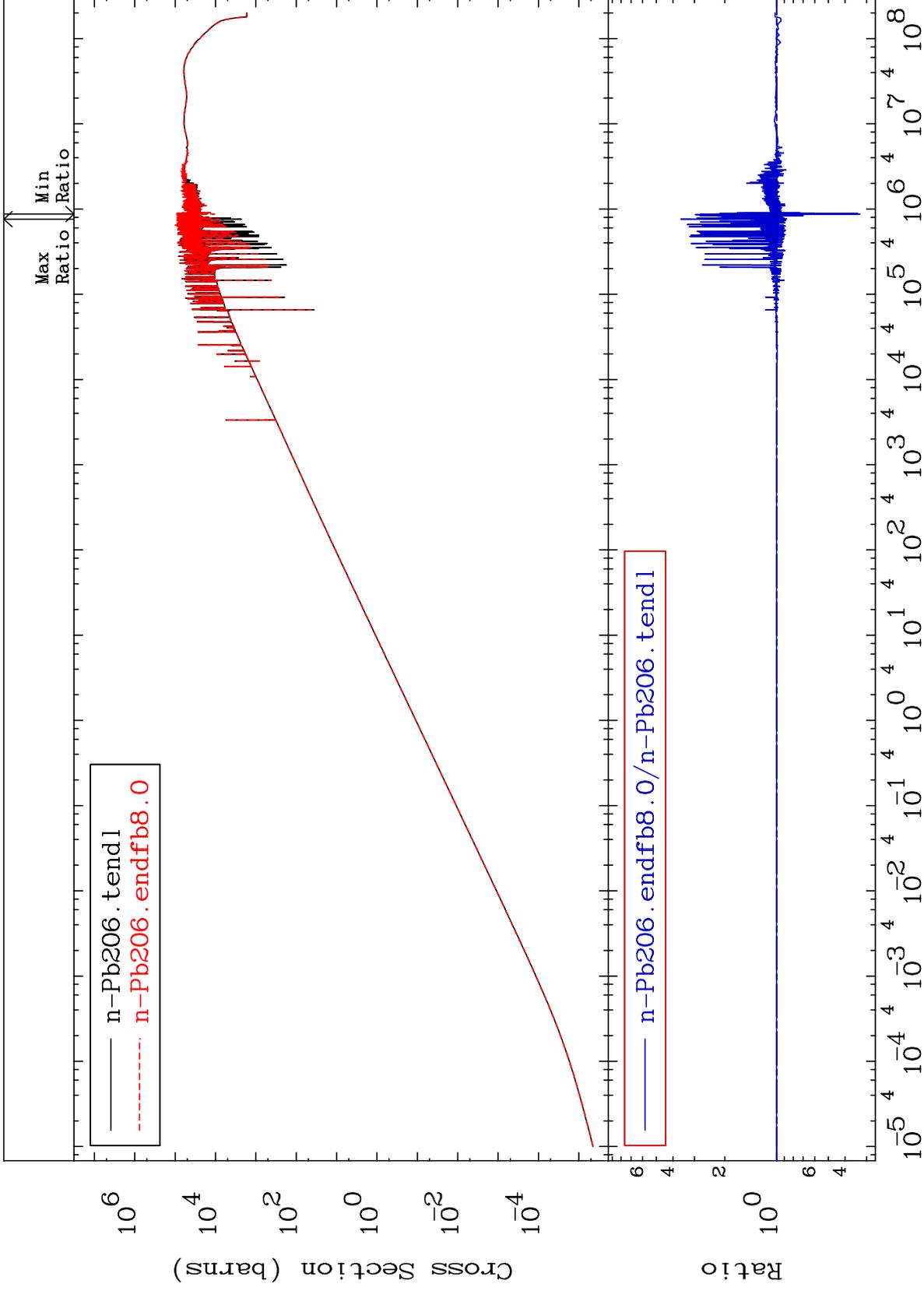


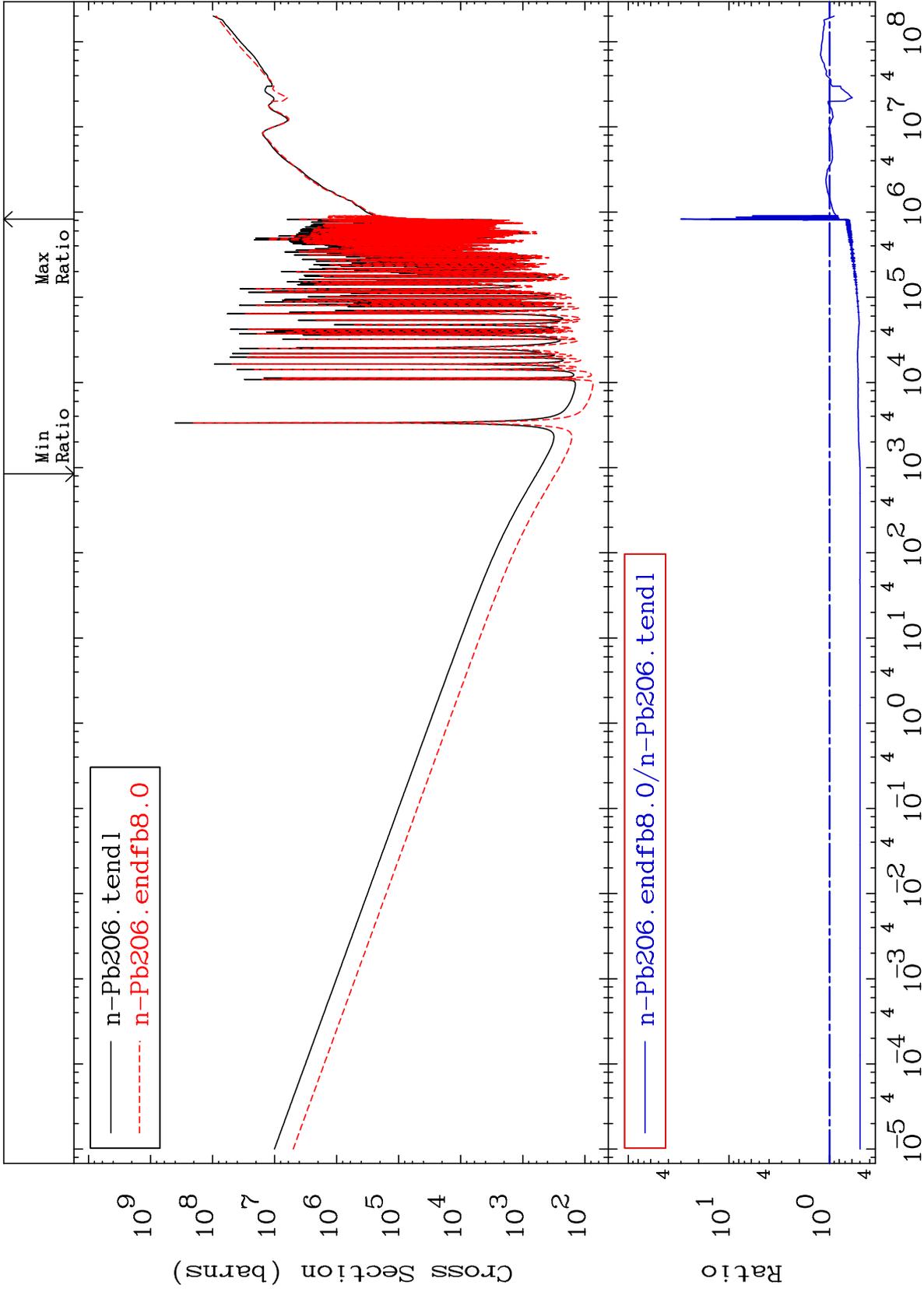
MAT 8231

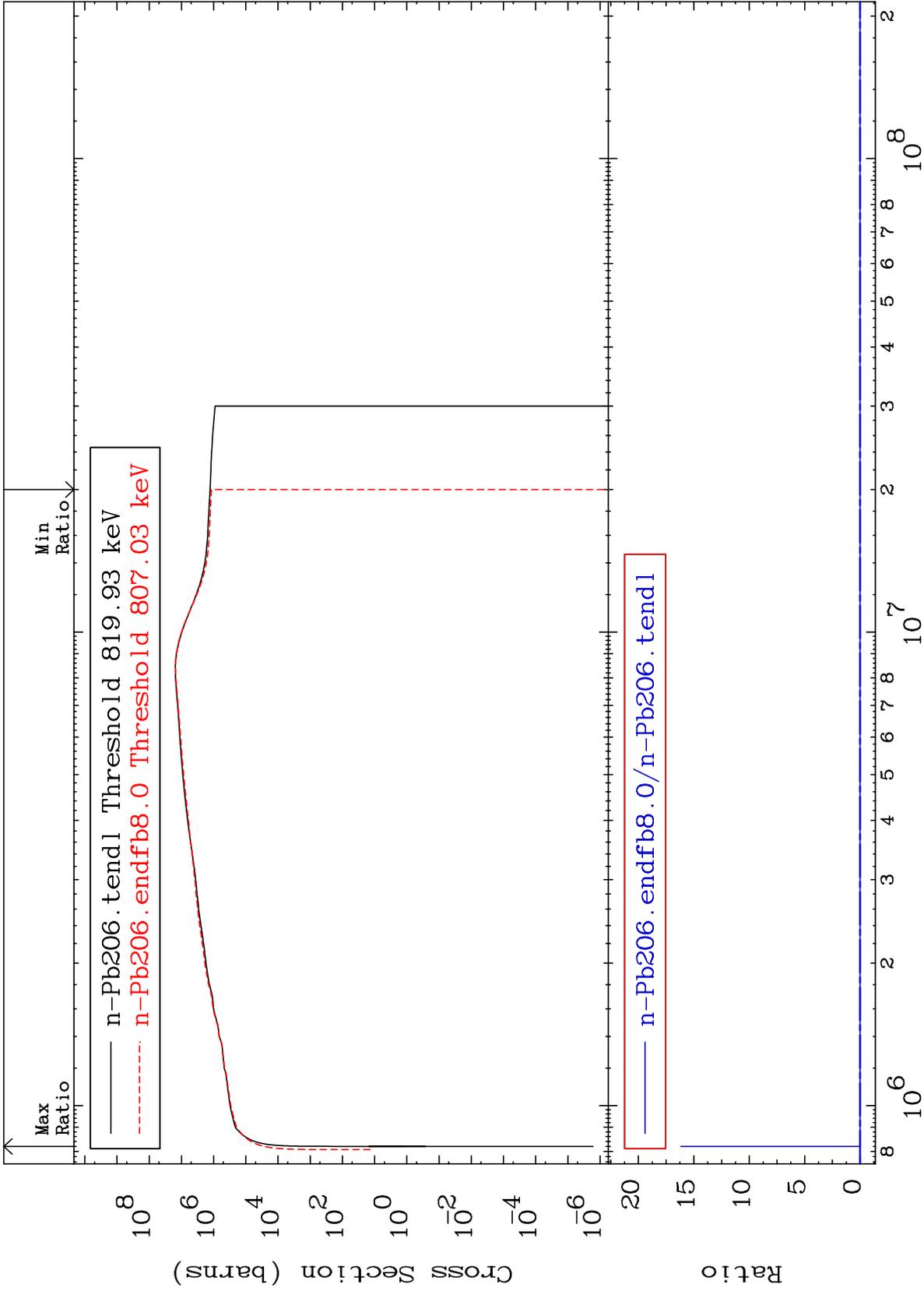
Kerma total (eV-barns)
Cross Section

82-Pb-206
-50.18 To 1783. %





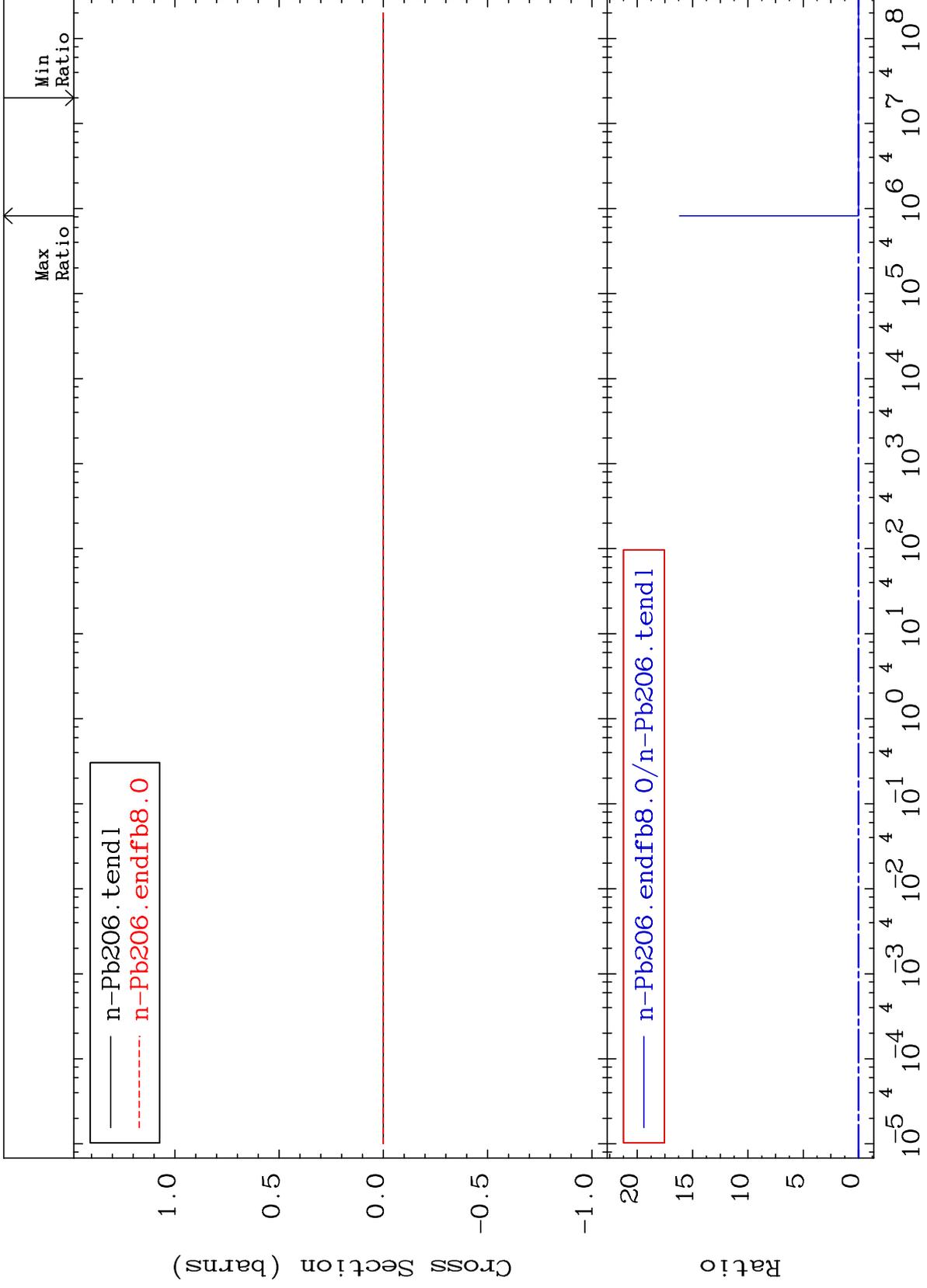




MAT 8231

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

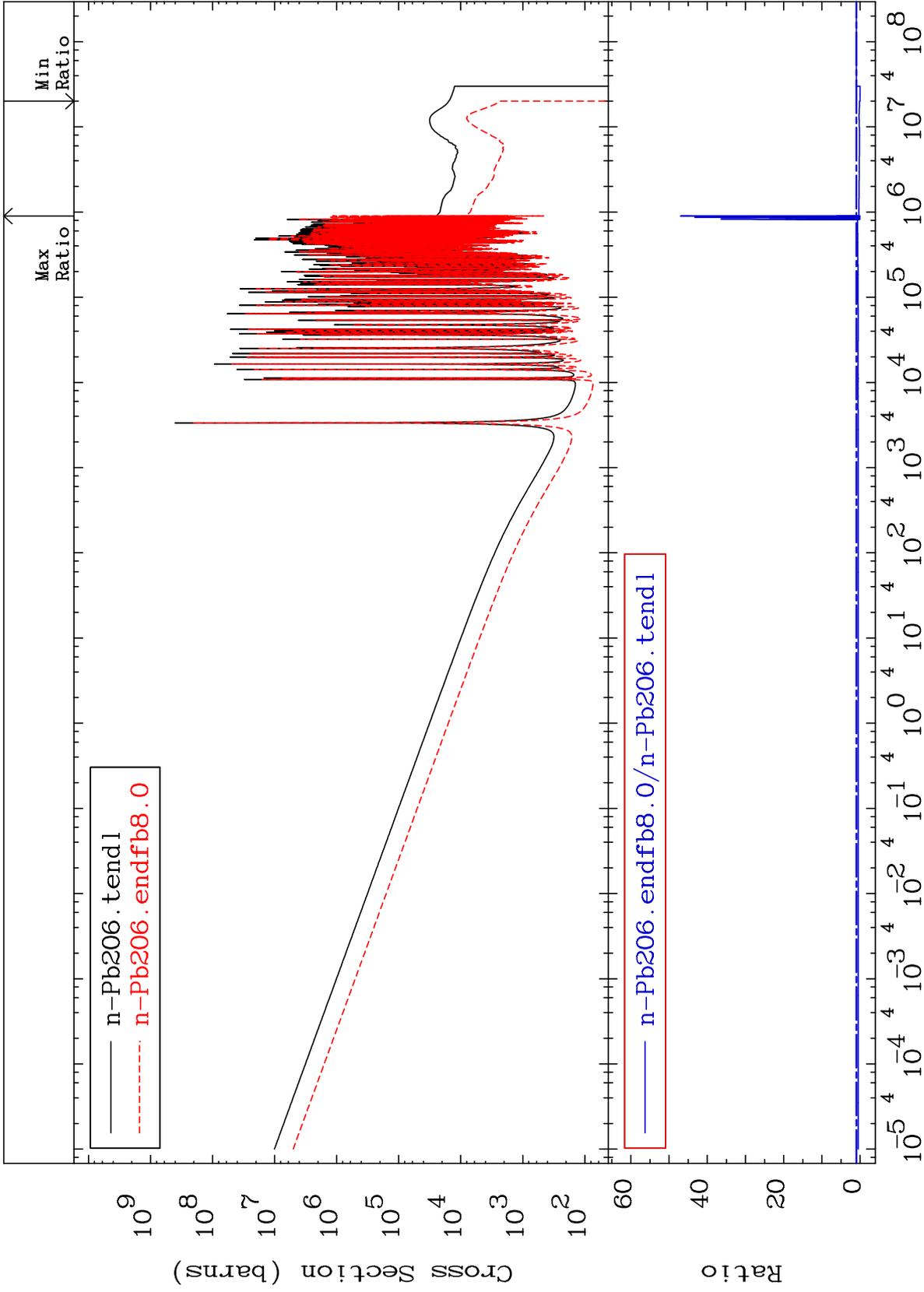
82-Pb-206
-100.0 To 9999. %



MAT 8231

Kerma capture (mt102)
Cross Section

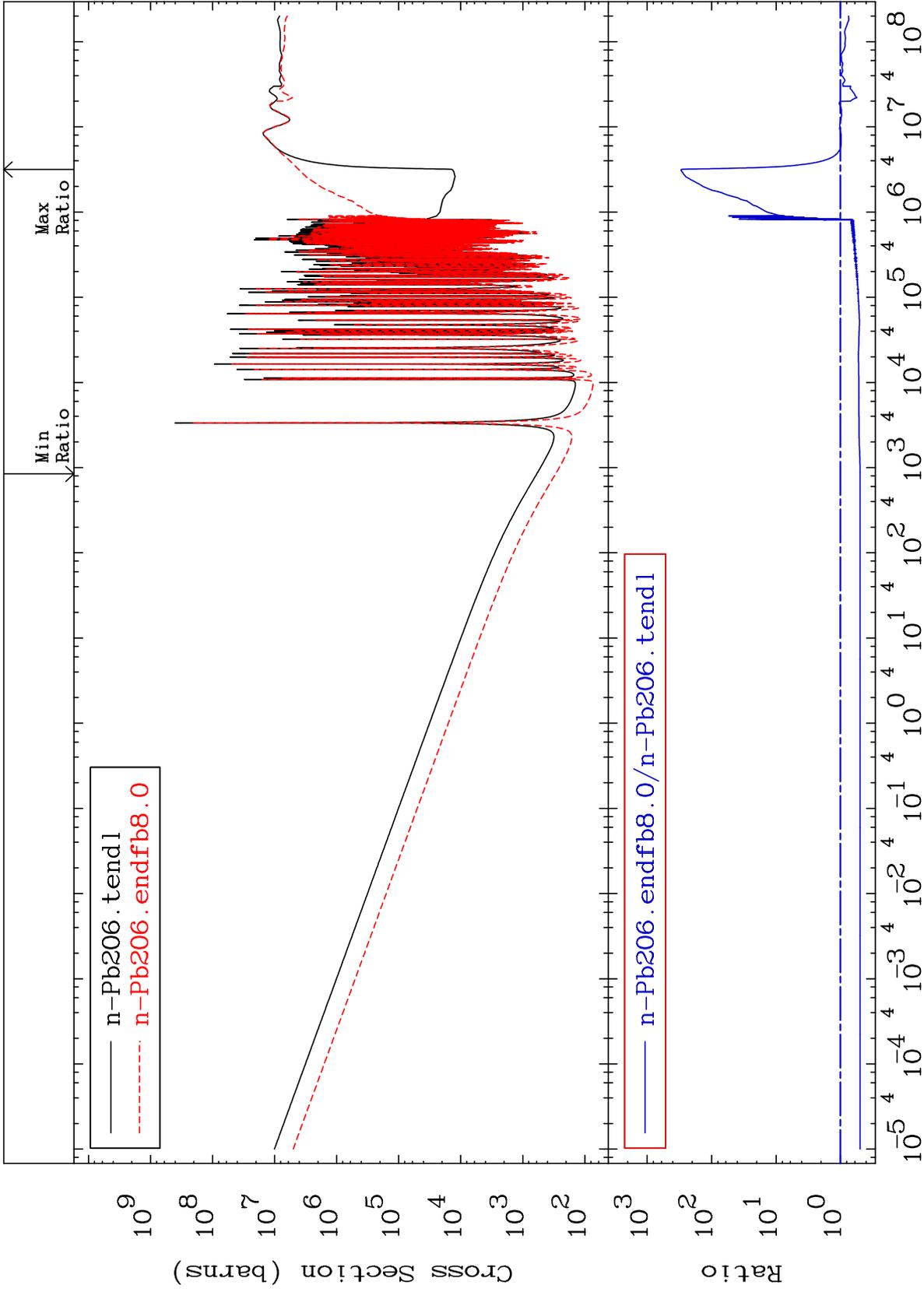
82-Pb-206
-100.0 To 4594. %

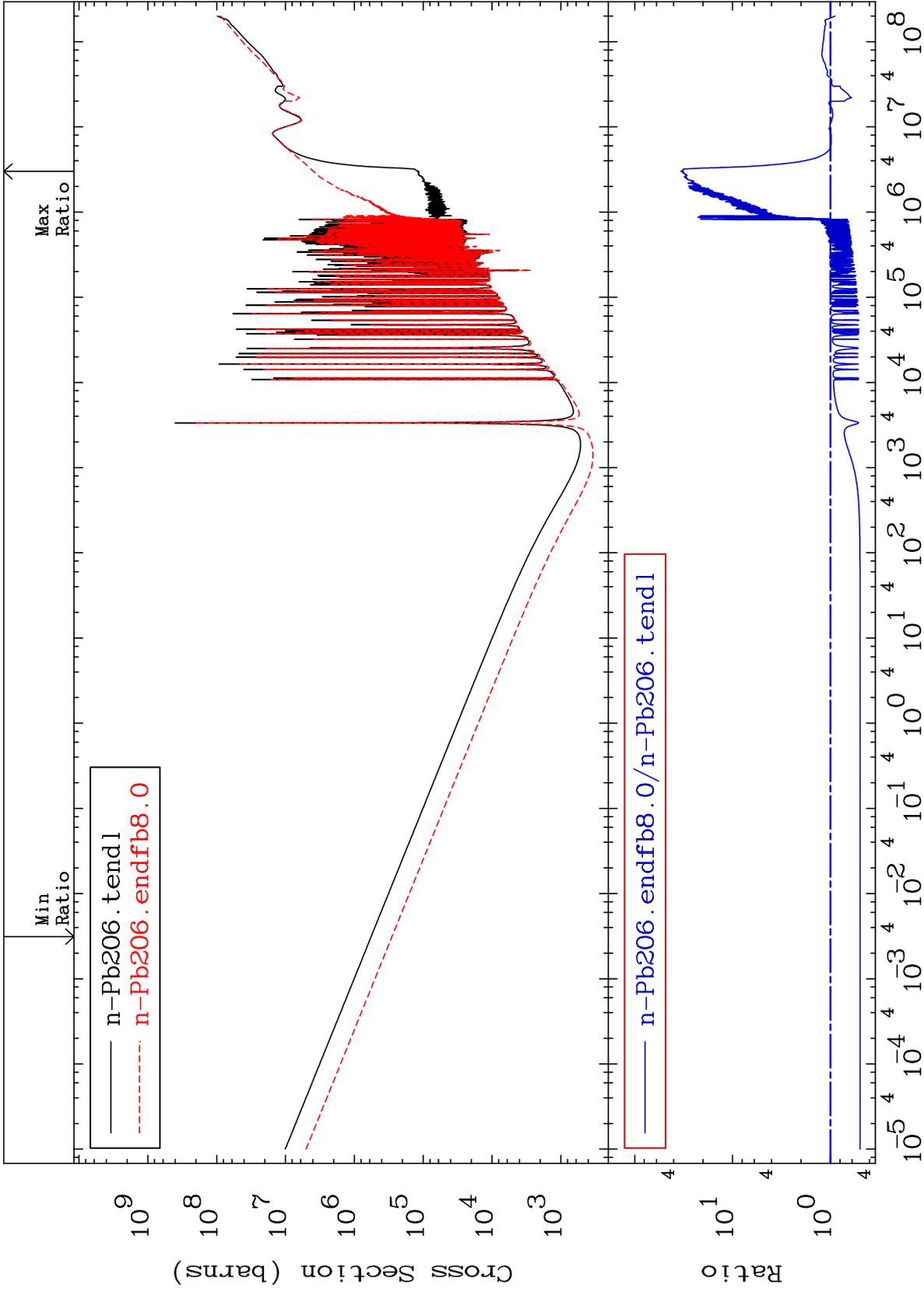


55

Incident Energy (eV)

82-Pb-206

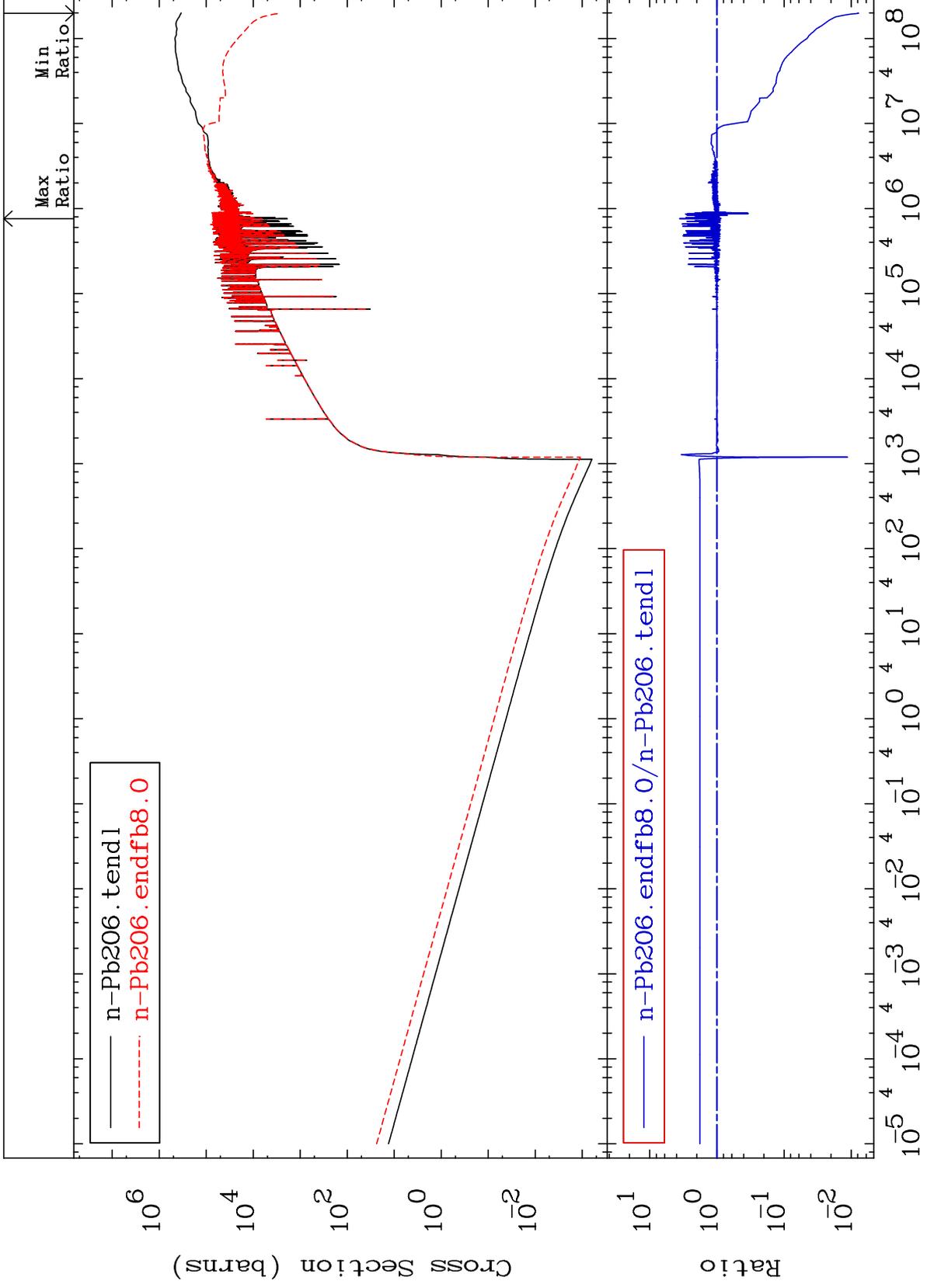


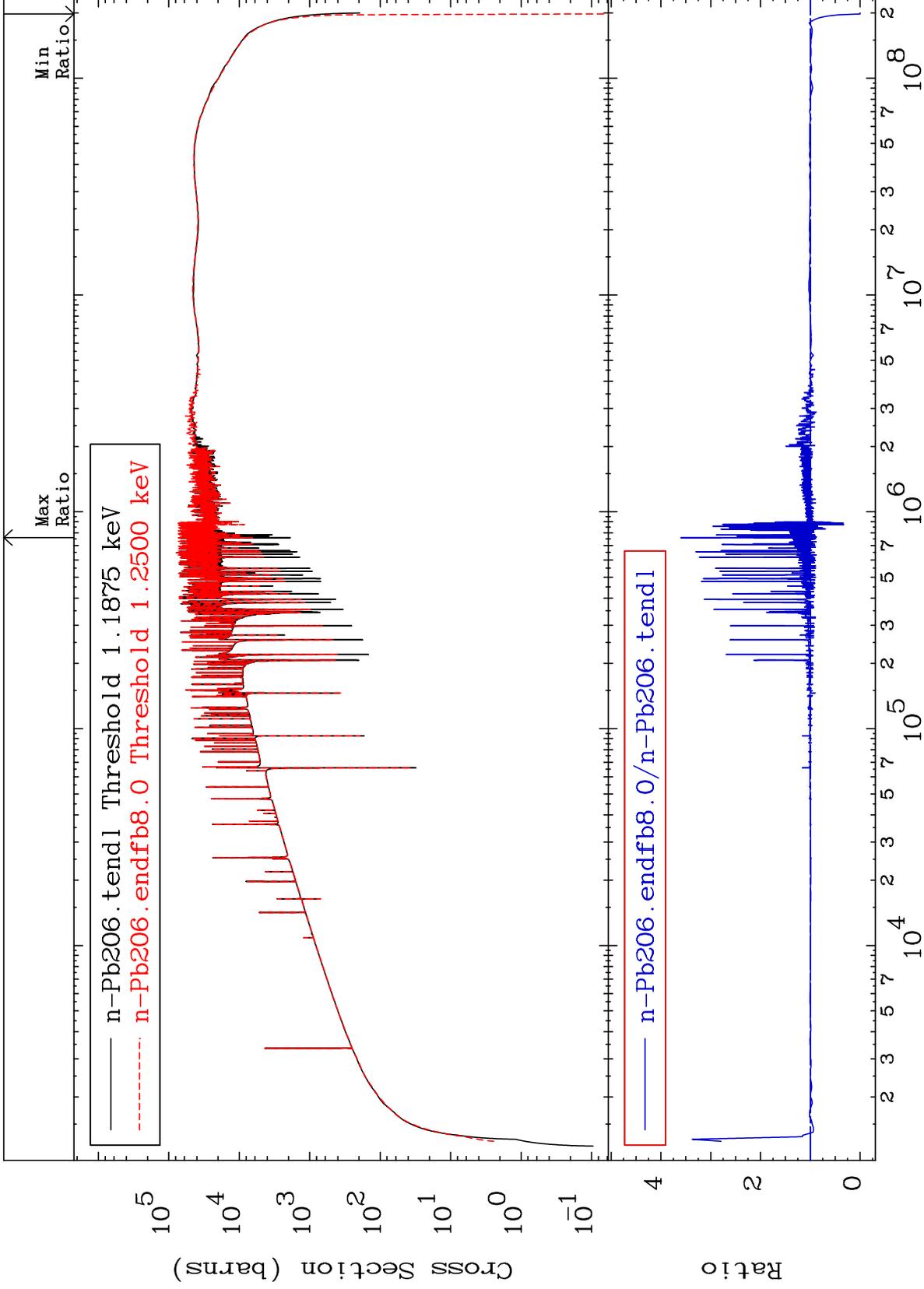


MAT 8231

Dpa total (eV-barns)
Cross Section

82-Pb-206
-99.22 To 260.1 %

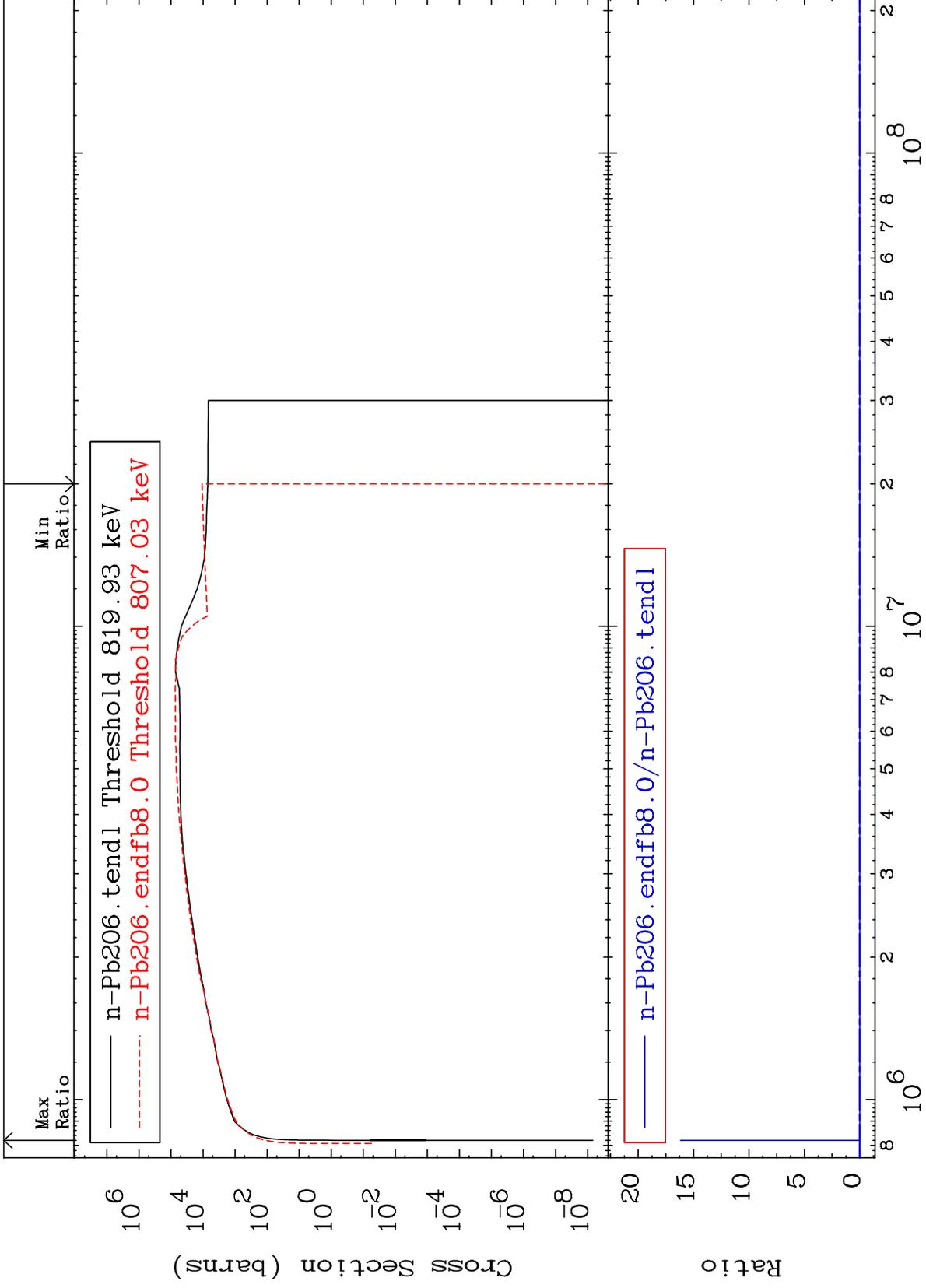




MAT 8231

Dpa inelastic (mt51-91)
Cross Section

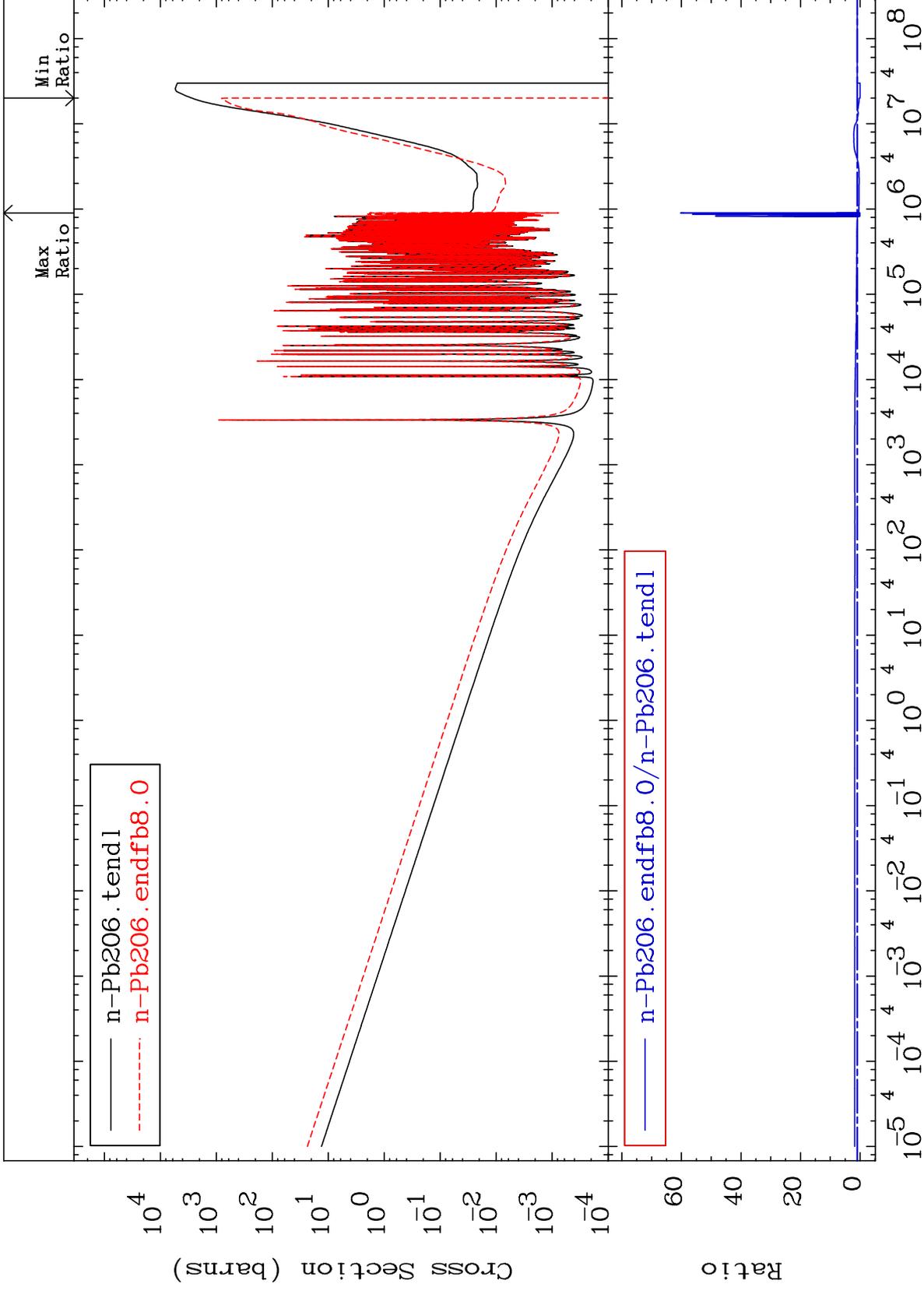
82-Pb-206
-100.0 To 9999. %



60

Incident Energy (eV)

82-Pb-206

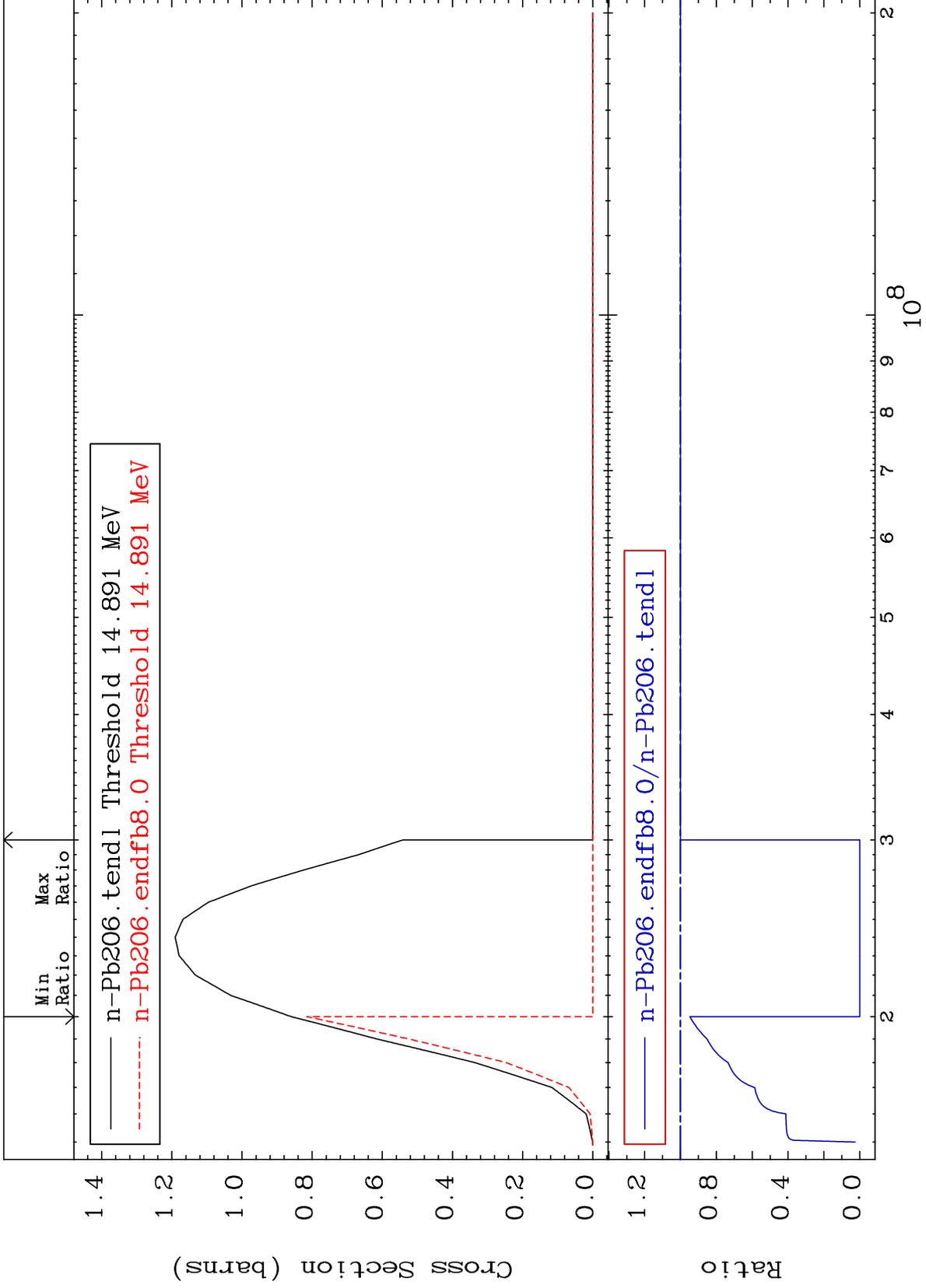


MAT 8231

(n,3n):82-Pb-204g

82-Pb-206

Radionuclide Production Cross Section -100.0 To 0.000 %



Radionuclide Production Cross Section -100.0 To 0.000 %

