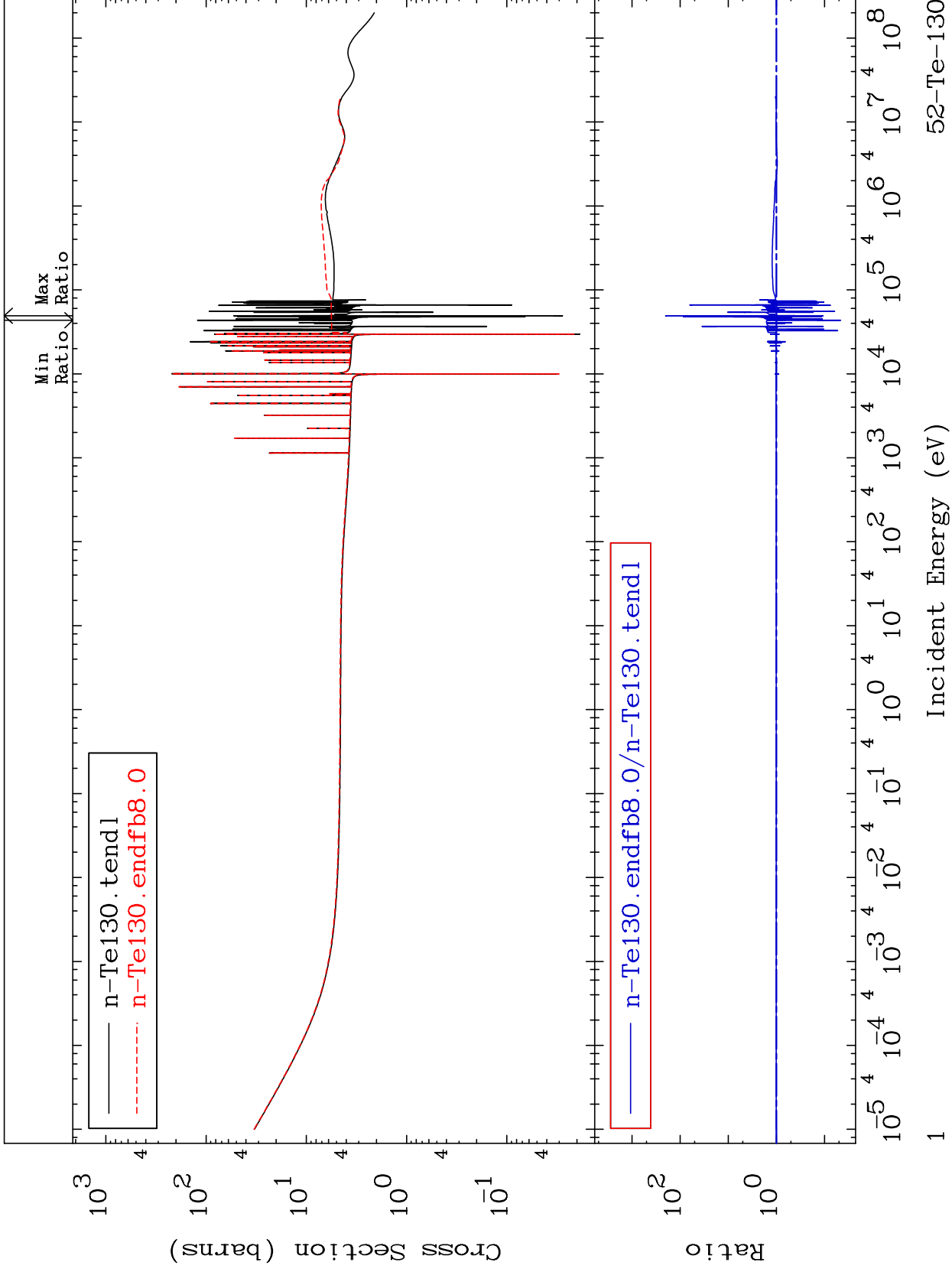


MAT 5255

Total
Cross Section

52-Te-130
-95.39 To 9999. %

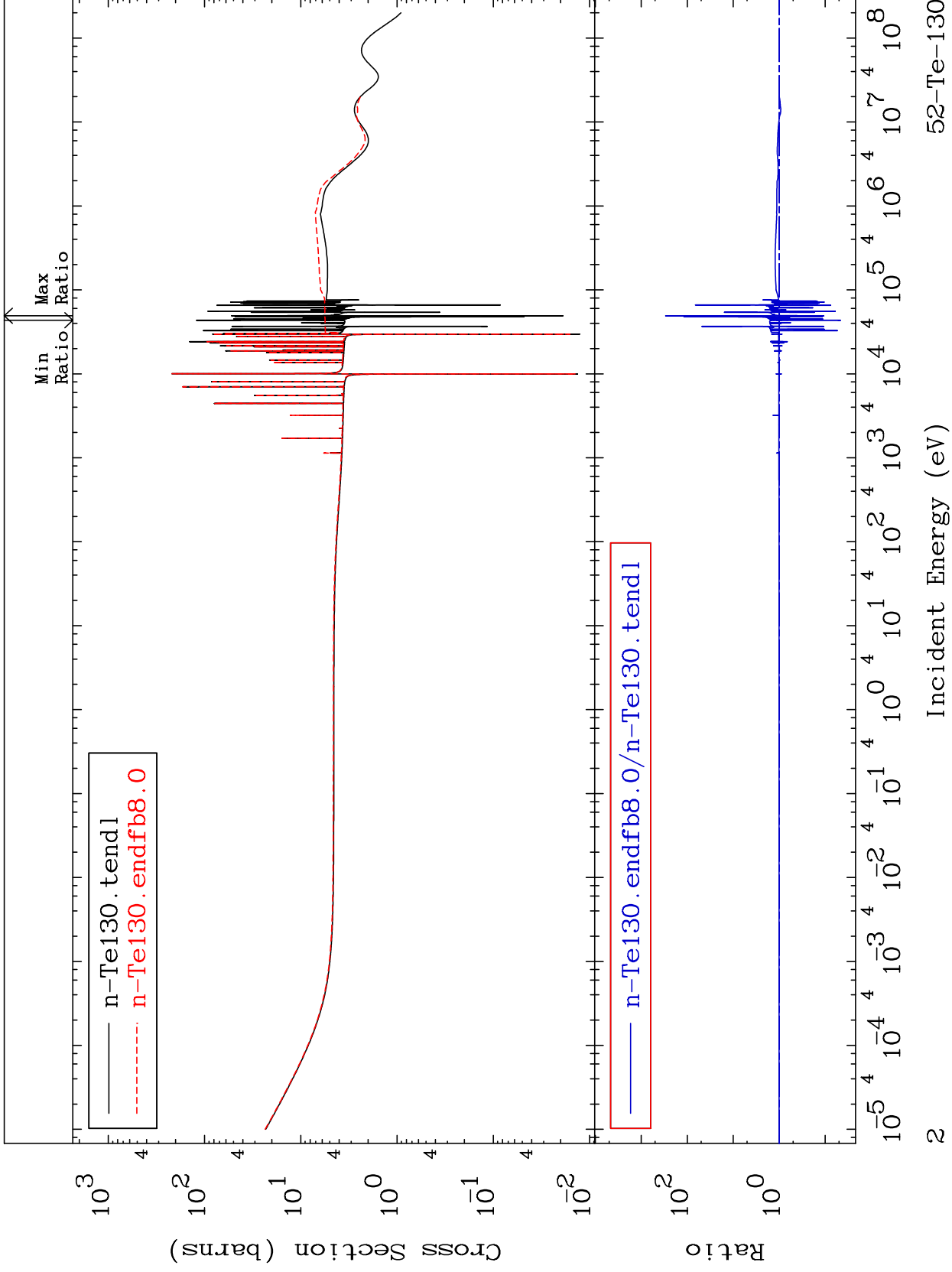


52-Te-130

MAT 5255

Elastic
Cross Section

52-Te-130
-95.39 To 9999. %



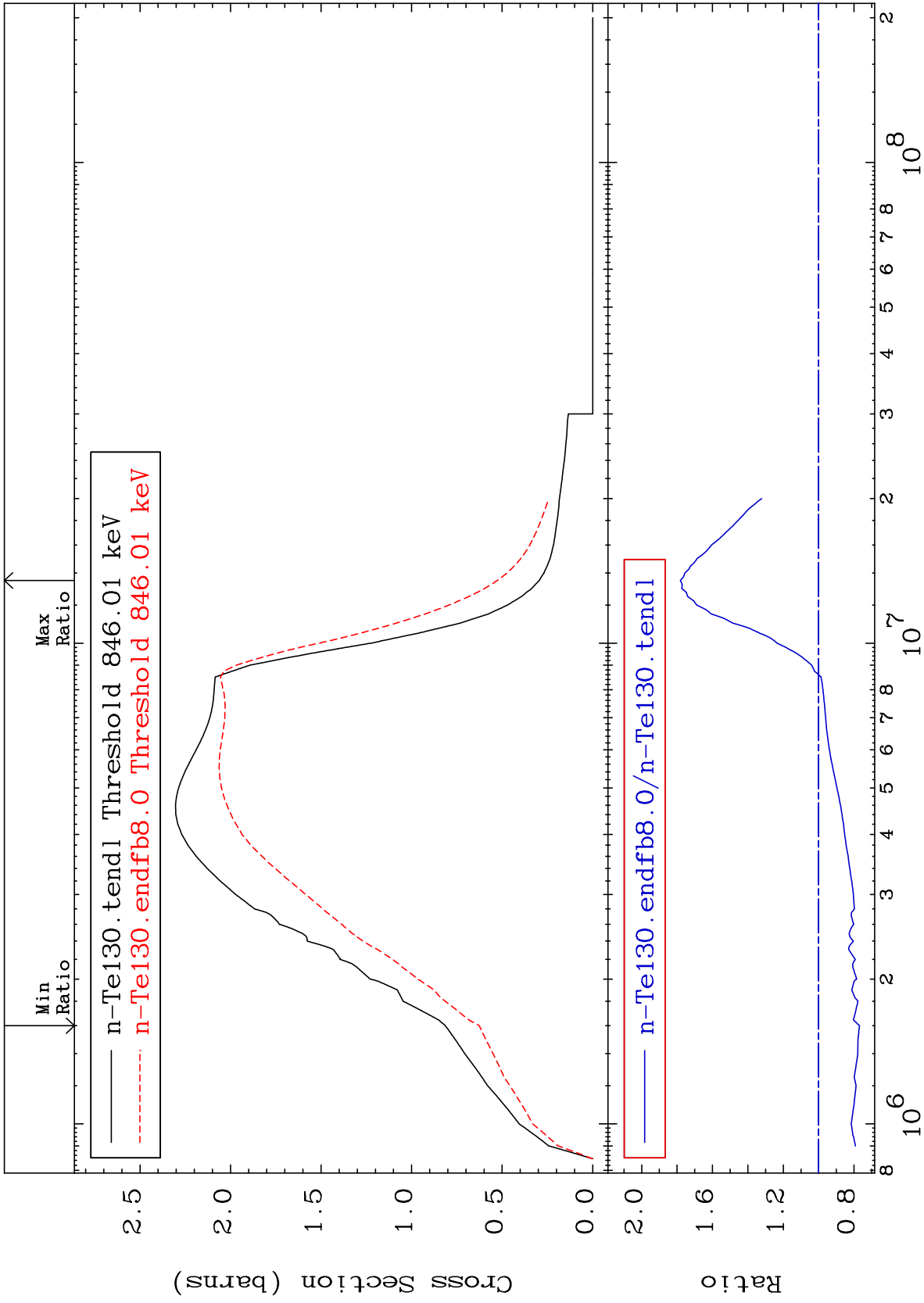
Incident Energy (eV)

52-Te-130

MAT 5255

Inelastic
Cross Section

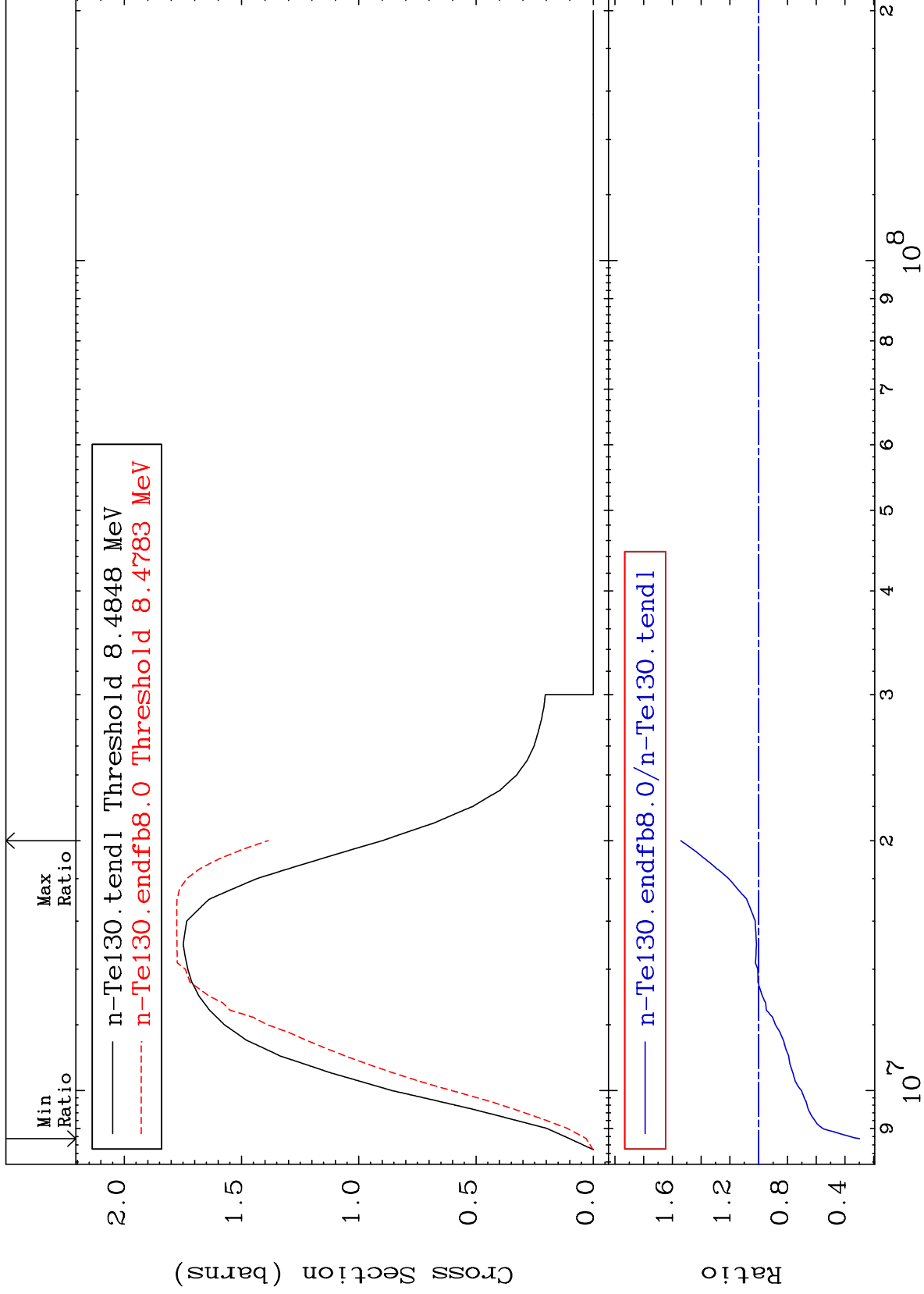
52-Te-130
-23.04 To 78.13 %



MAT 5255

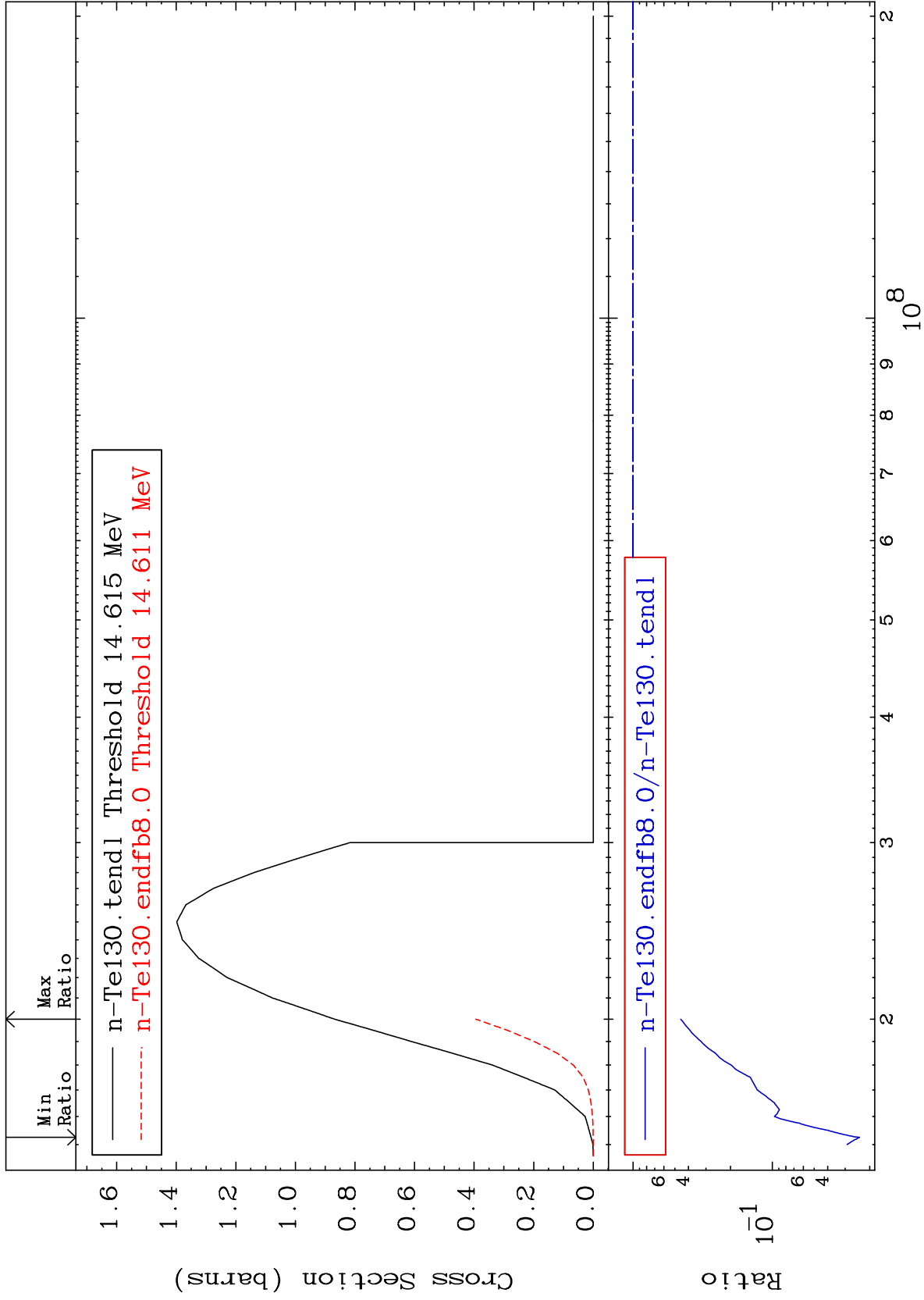
(n,2n)
Cross Section

52-Te-130
-70.14 To 54.16 %



Cross Section

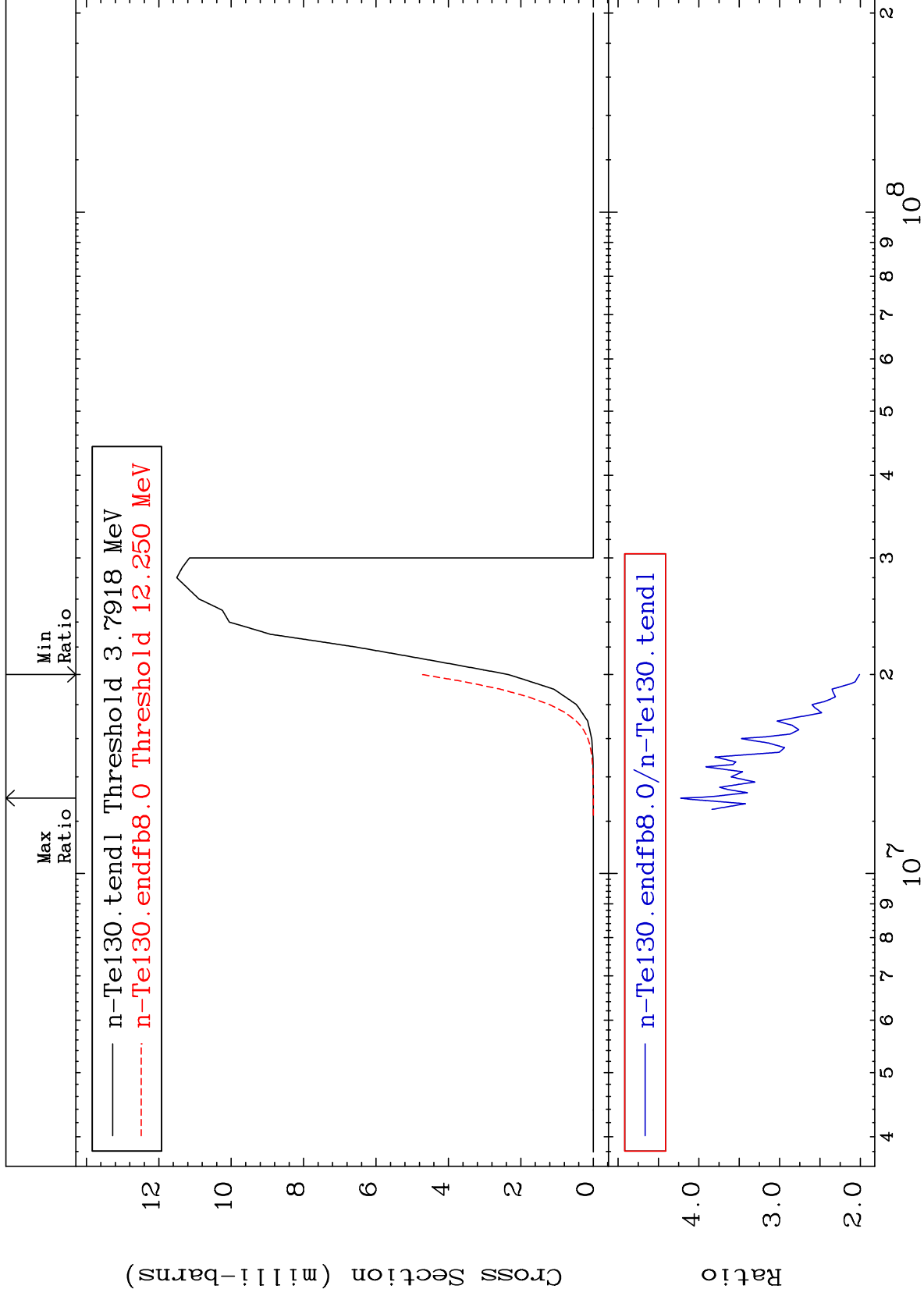
-97.63 To -54.57%



MAT 5255

(n,n') α
Cross Section

52-Te-130
101.1 To 322.4 %



6

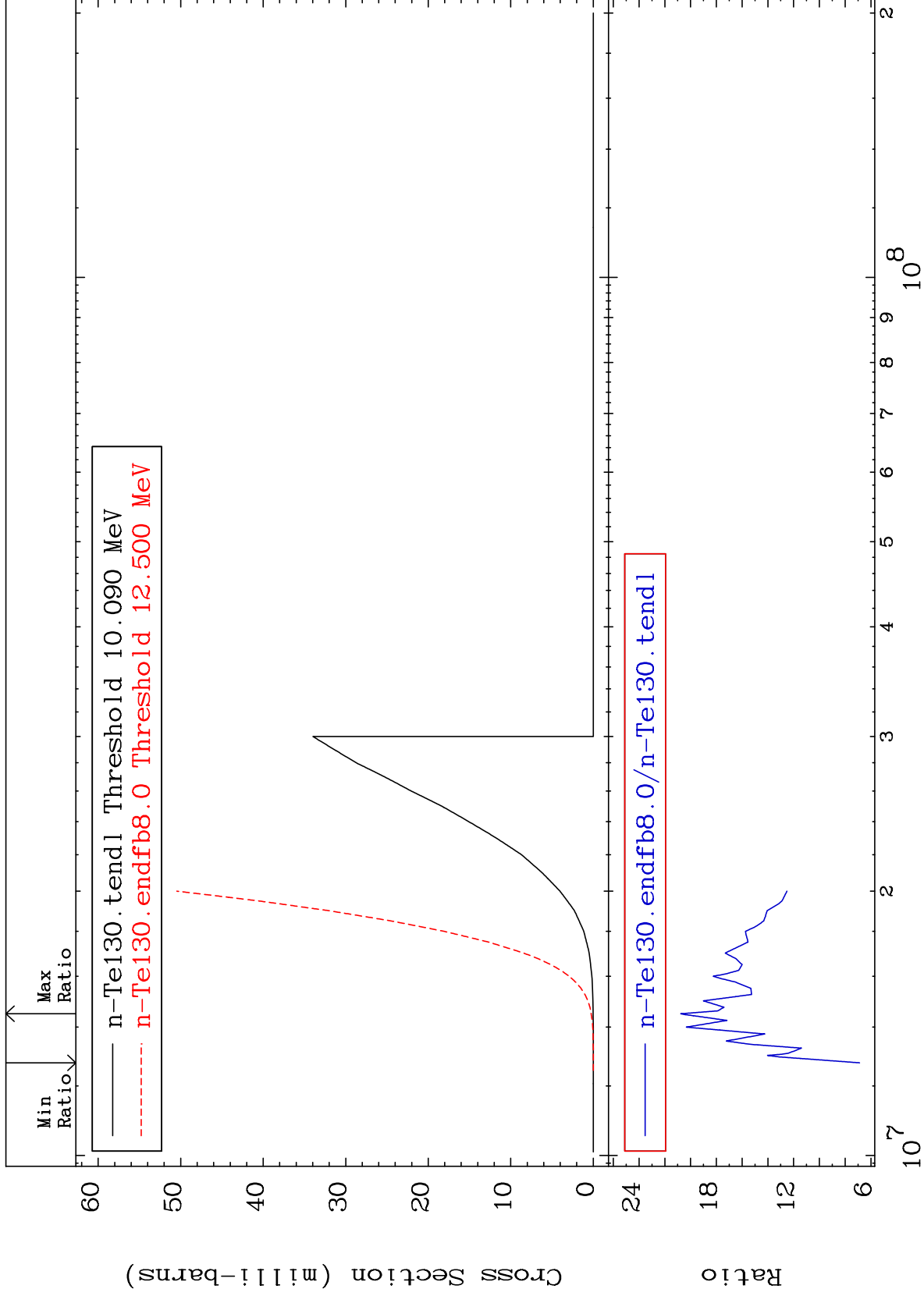
Incident Energy (eV)

52-Te-130

MAT 5255

(n,n') p
Cross Section

52-Te-130
588.2 To 1976. %



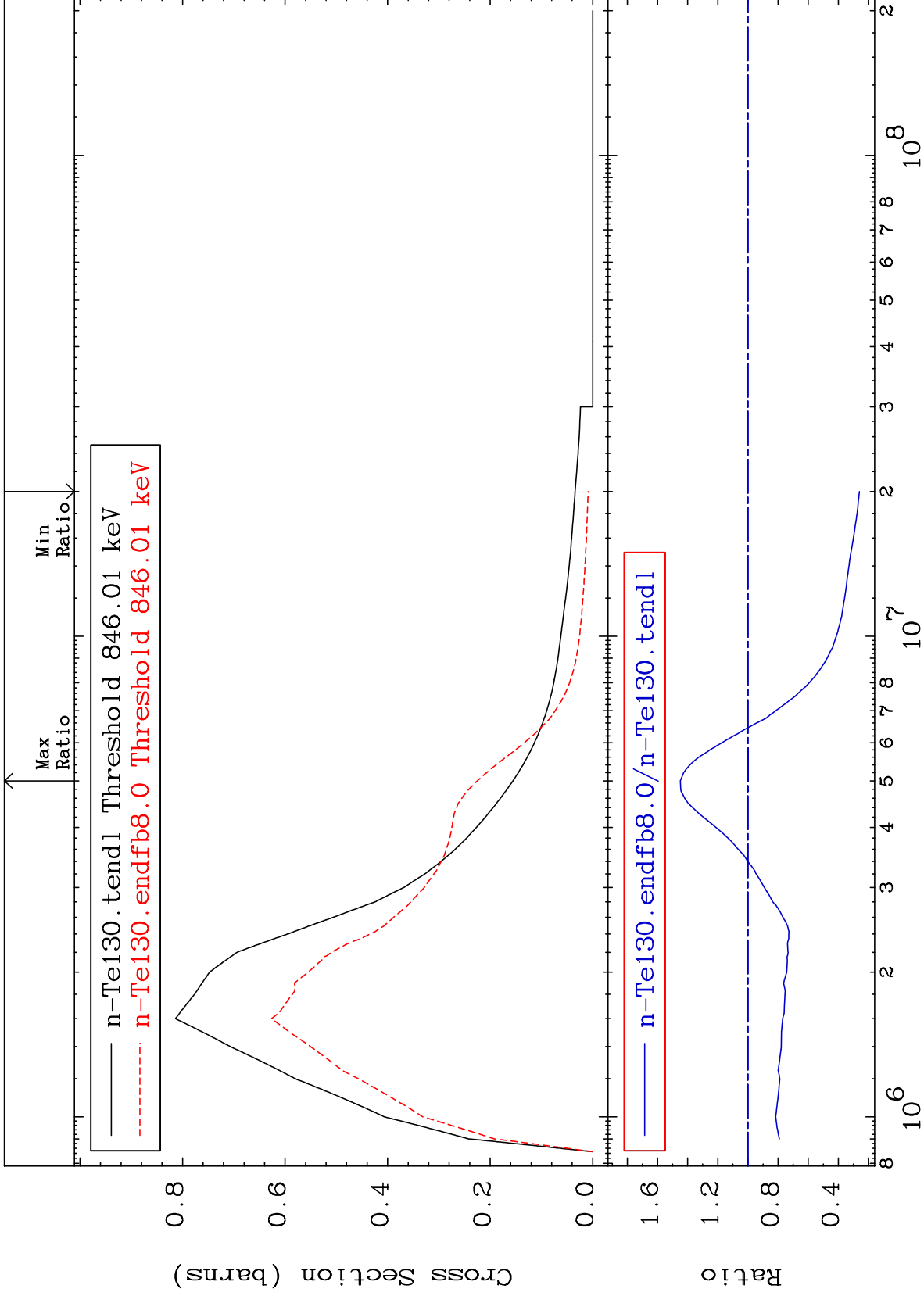
52-Te-130

52-Te-130

MAT 5255

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

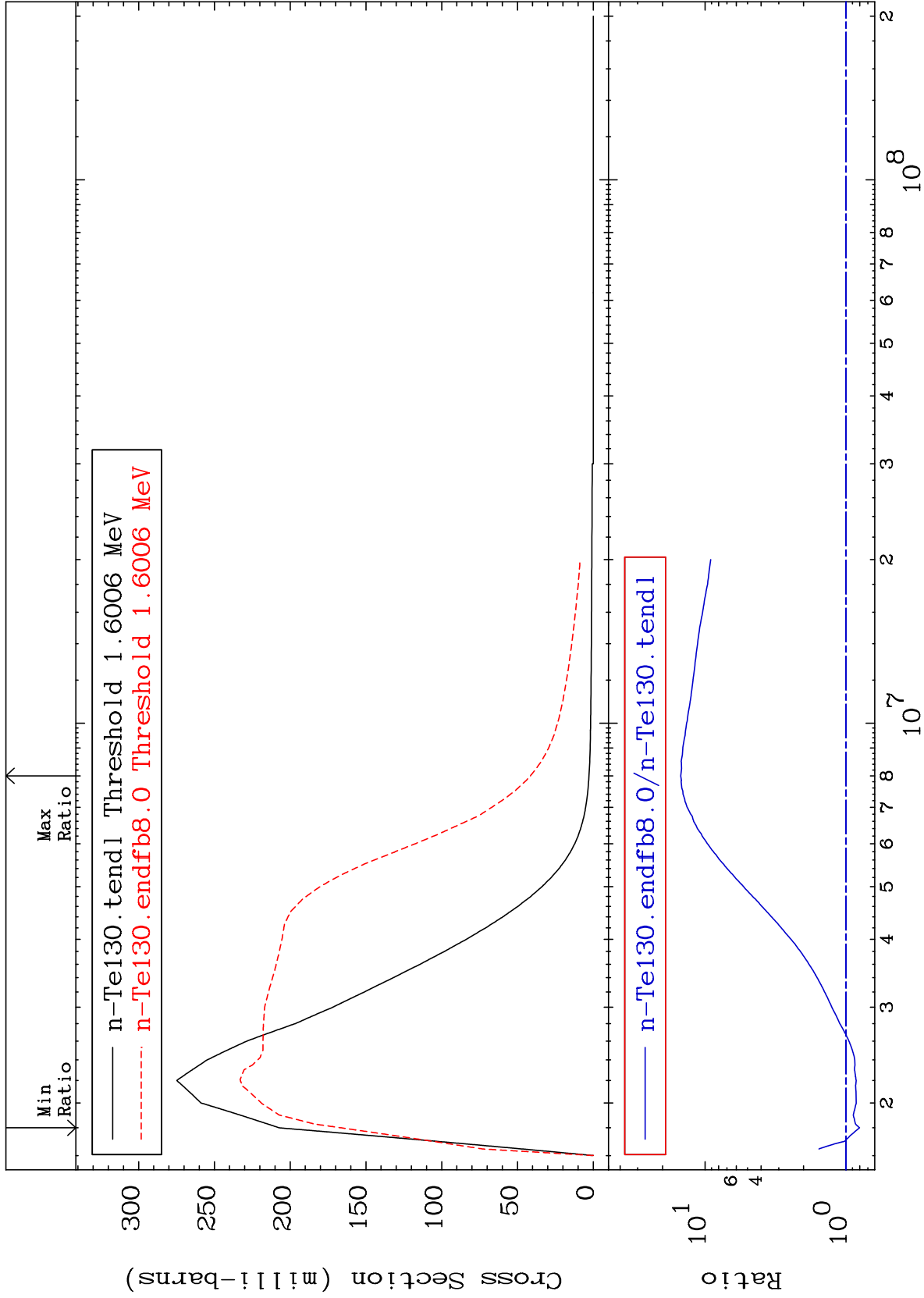
52-Te-130
-73.98 To 44.84 %



8

Incident Energy (eV)

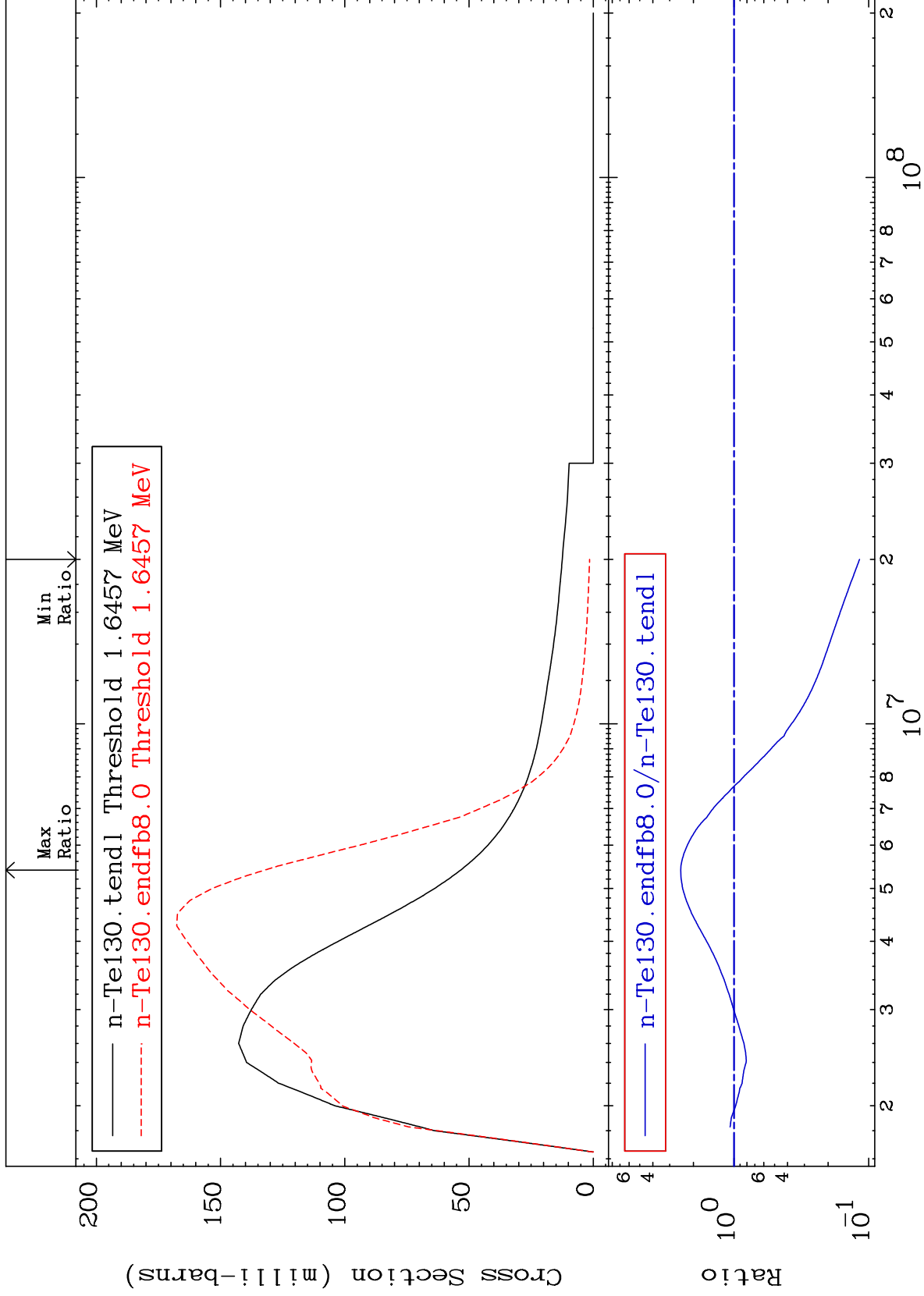
52-Te-130



MAT 5255

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

52-Te-130
-88.30 To 147.9 %



10

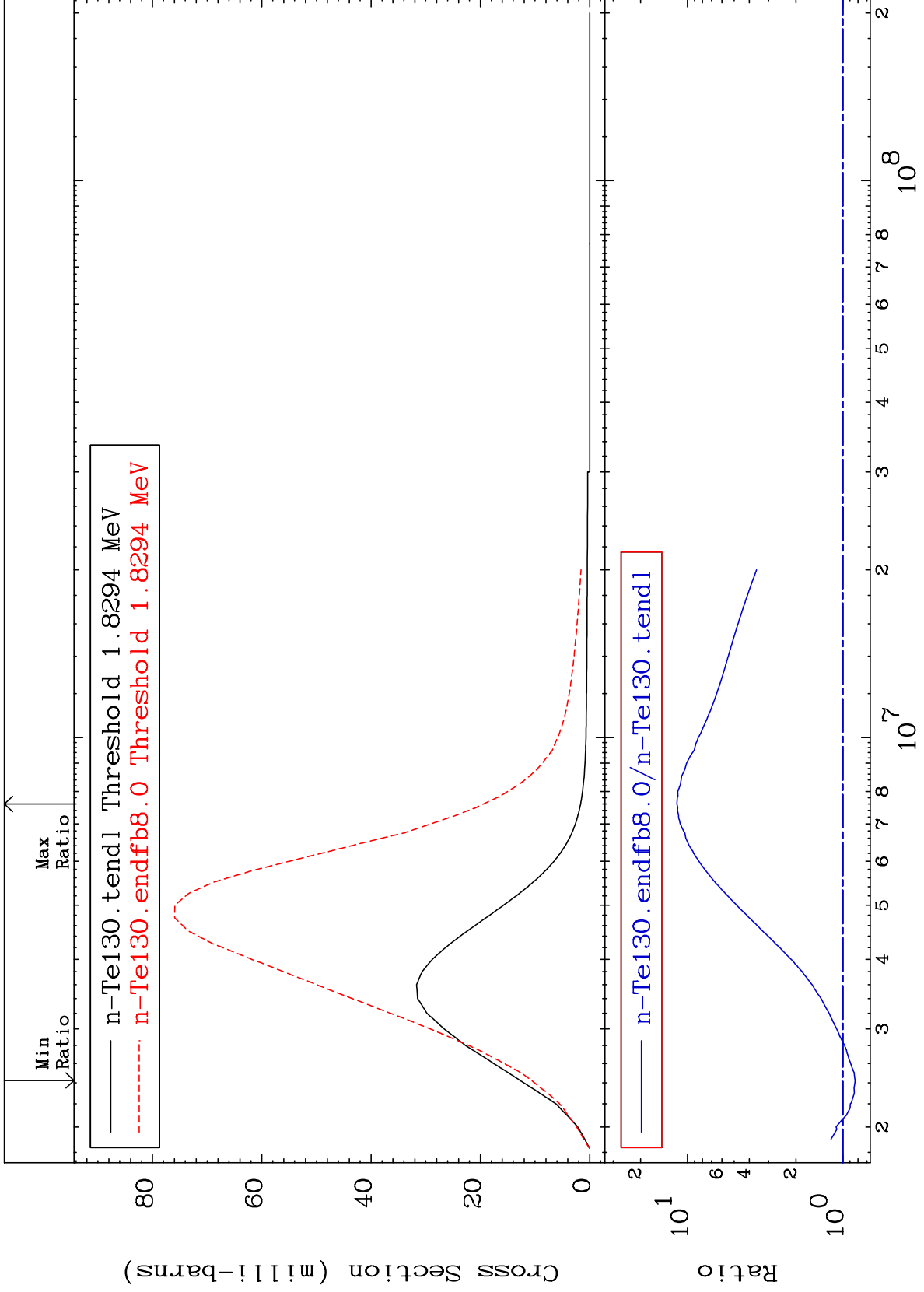
Incident Energy (eV)

52-Te-130

MAT 5255

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

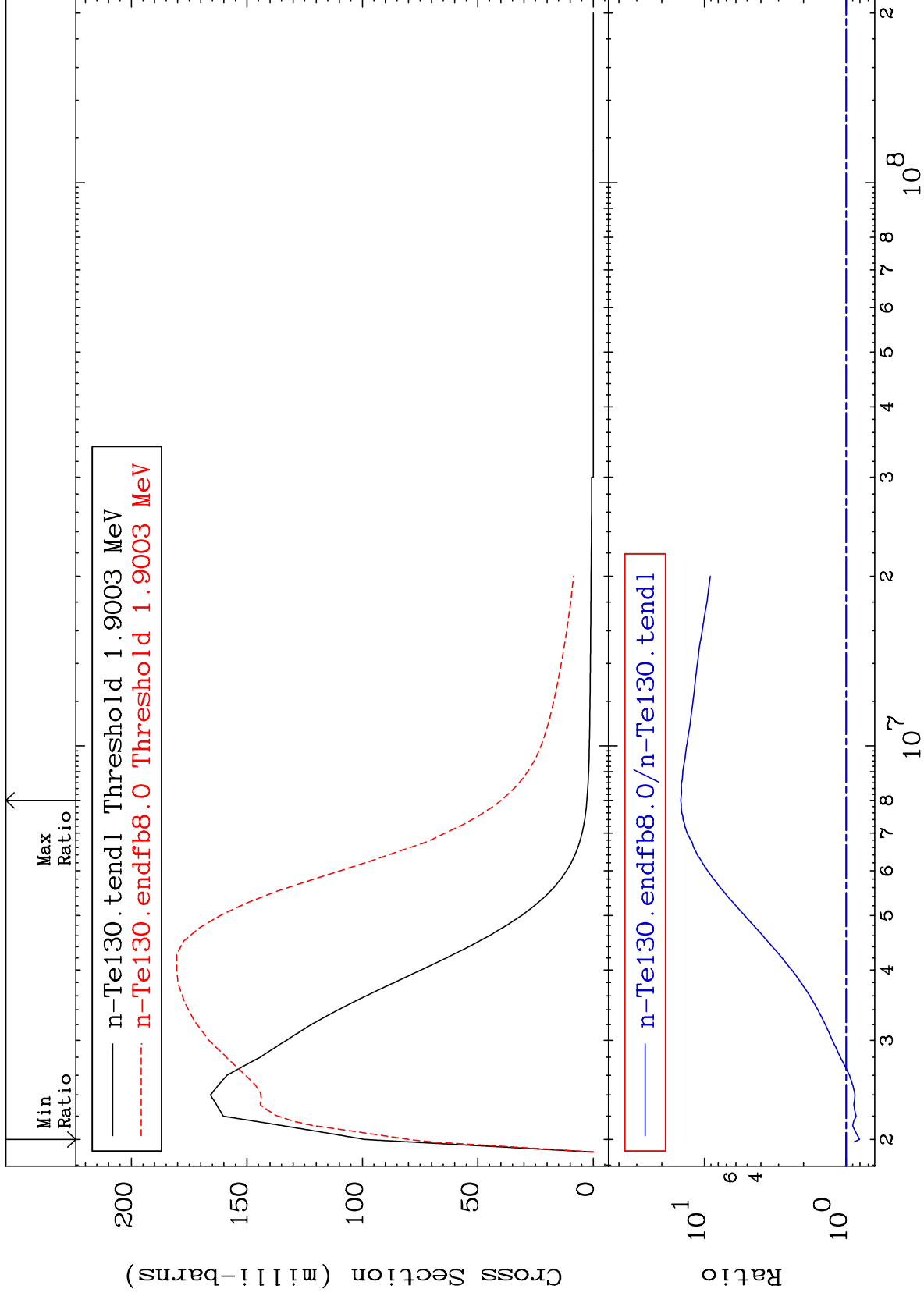
52-Te-130
-16.61 To 1067. %



MAT 5255

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

52-Te-130
-19.37 To 1367. %



12

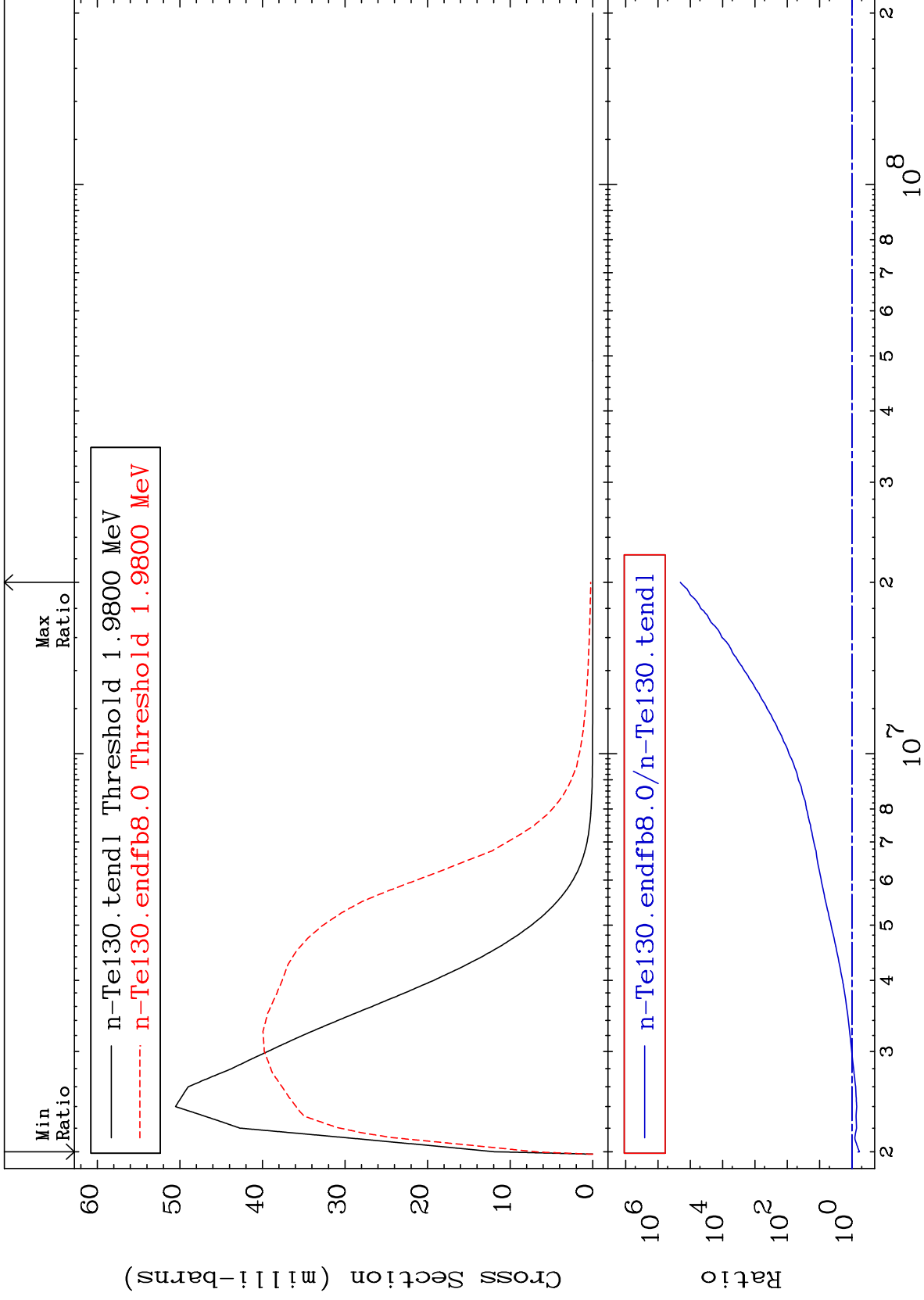
Incident Energy (eV)

52-Te-130

MAT 5255

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

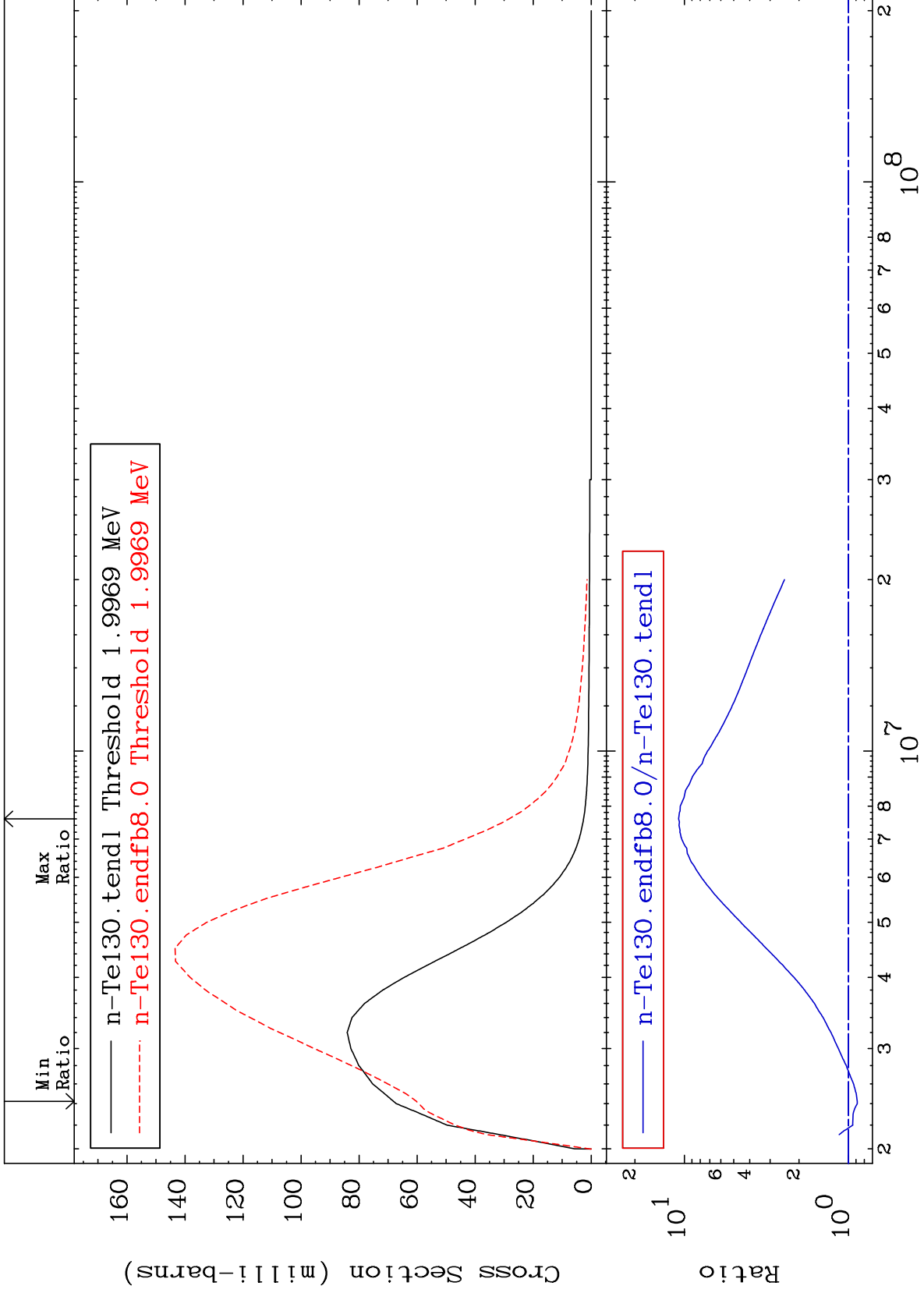
52-Te-130
-41.54 To 9999. %



MAT 5255

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

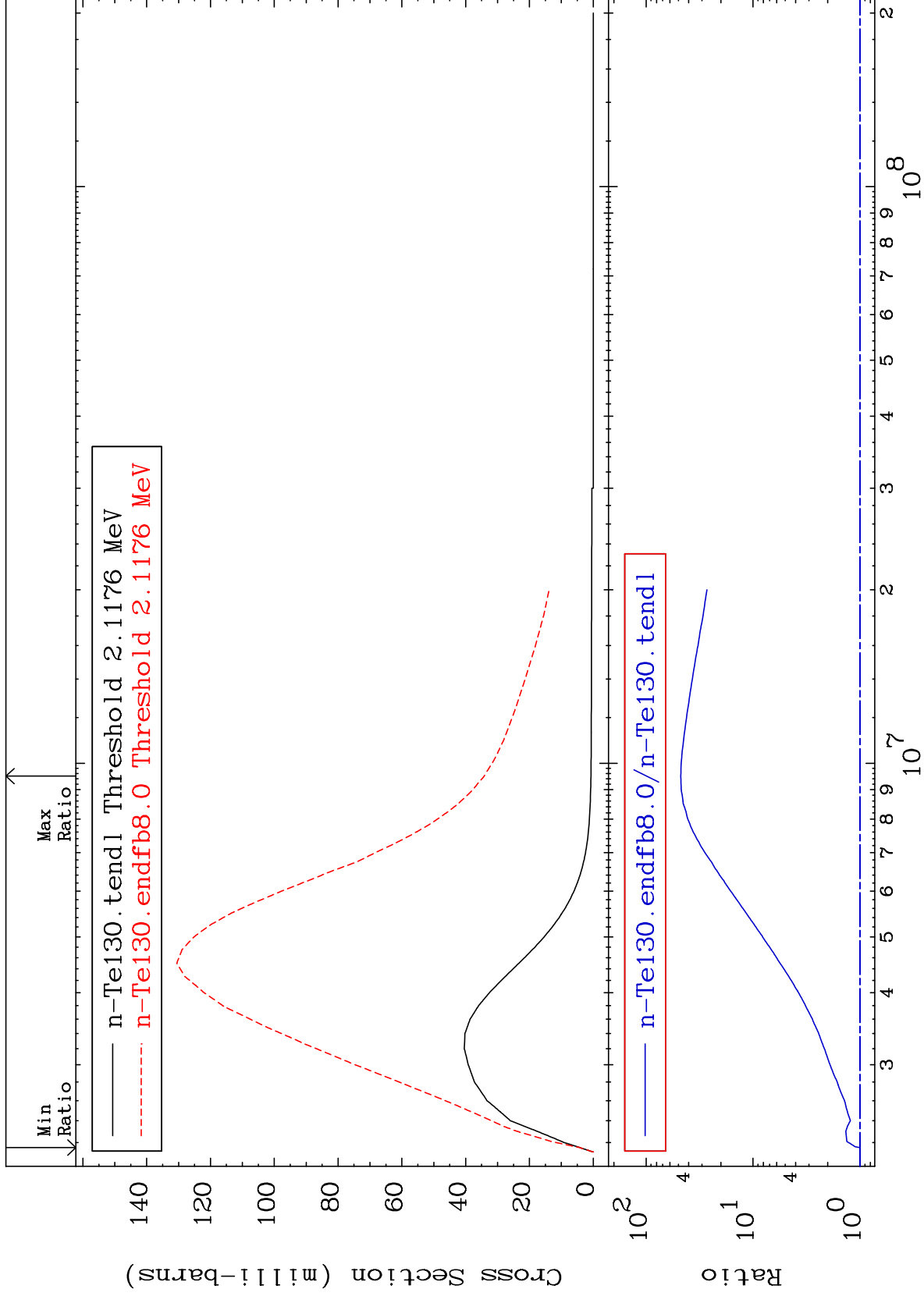
52-Te-130
-11.63 To 983.7 %



MAT 5255

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

52-Te-130
0.914 To 4645. %



15

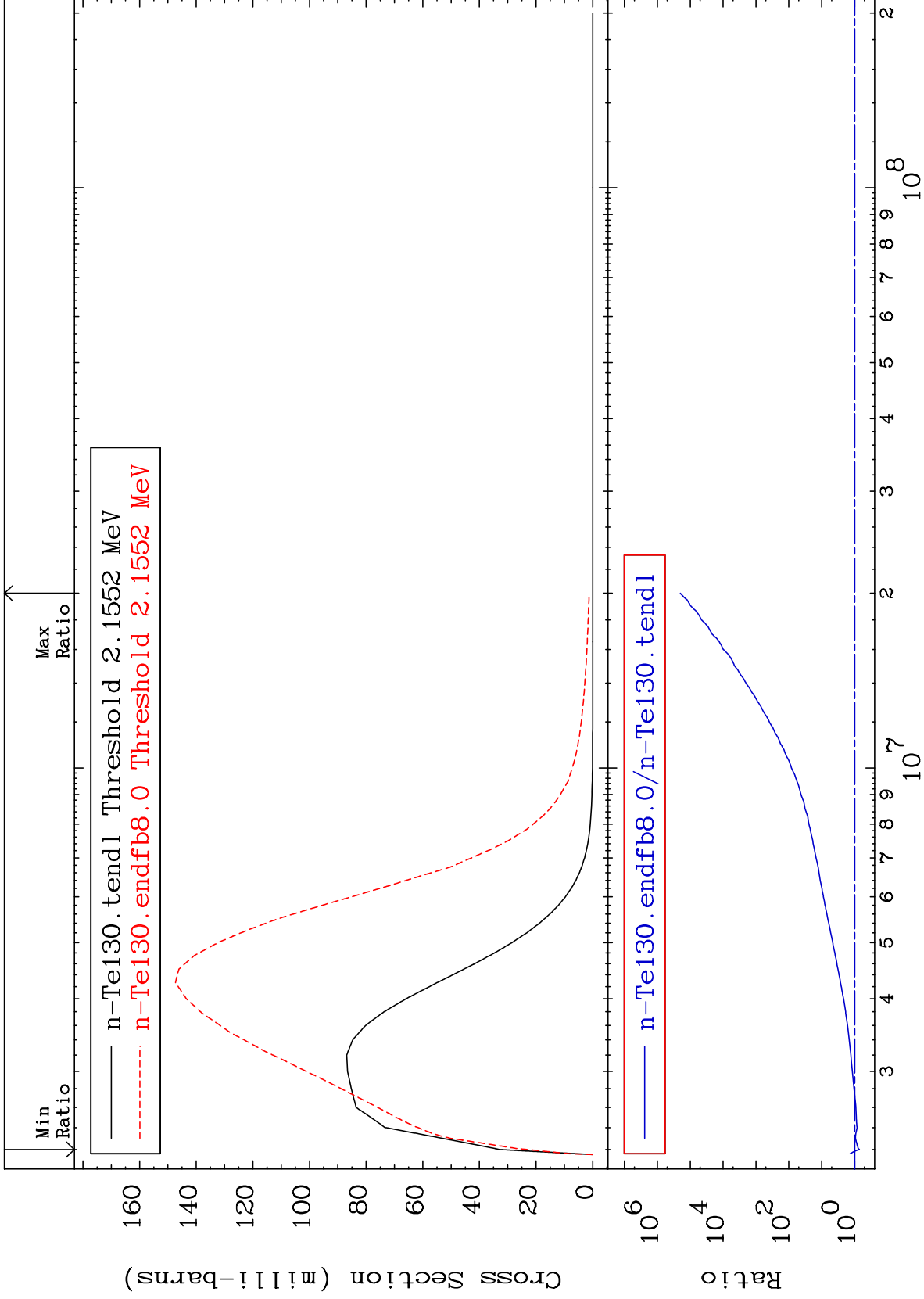
52-Te-130

52-Te-130

MAT 5255

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

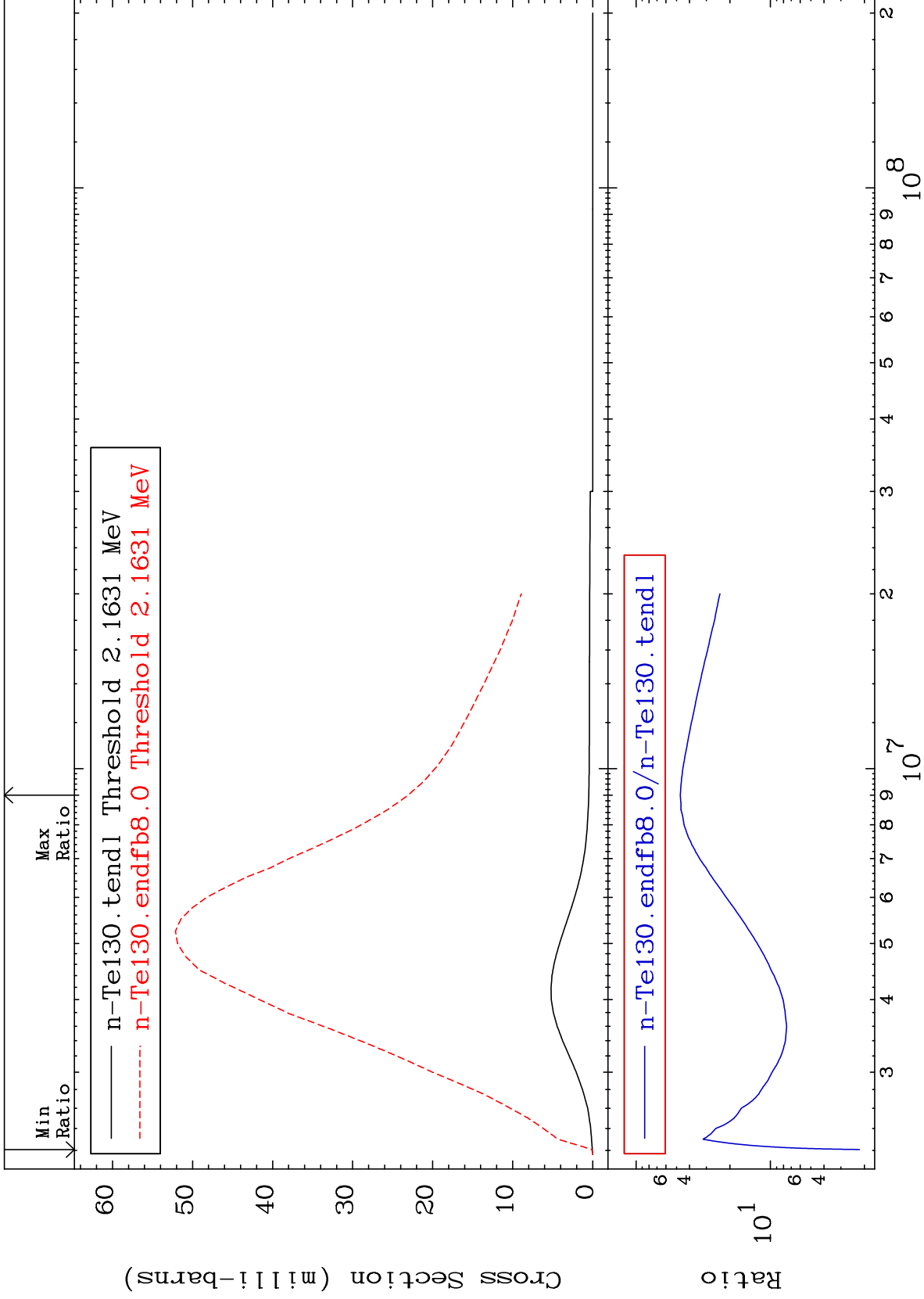
52-Te-130
-28.80 To 9999. %



MAT 5255

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

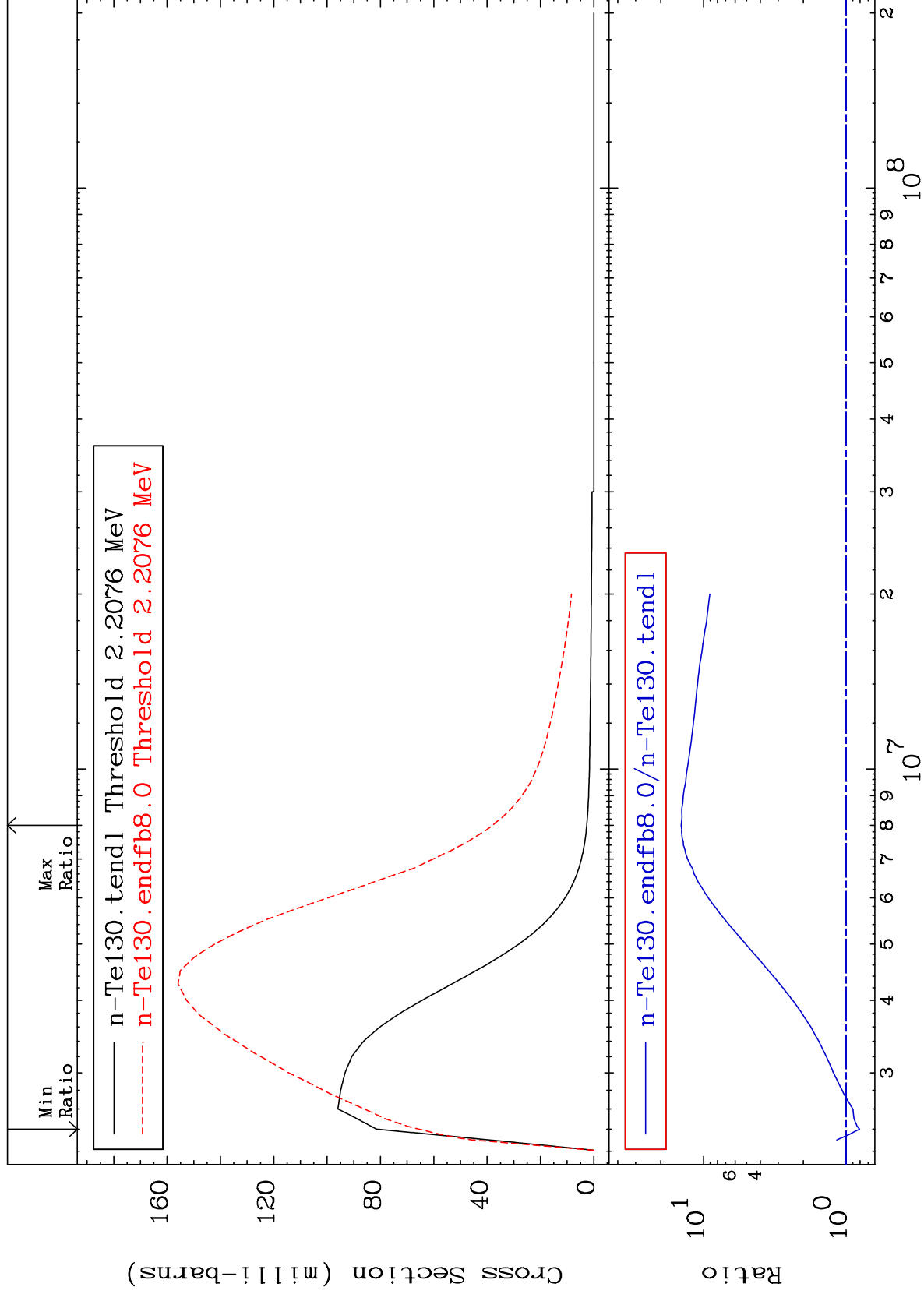
52-Te-130
117.9 To 4580. %



MAT 5255

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

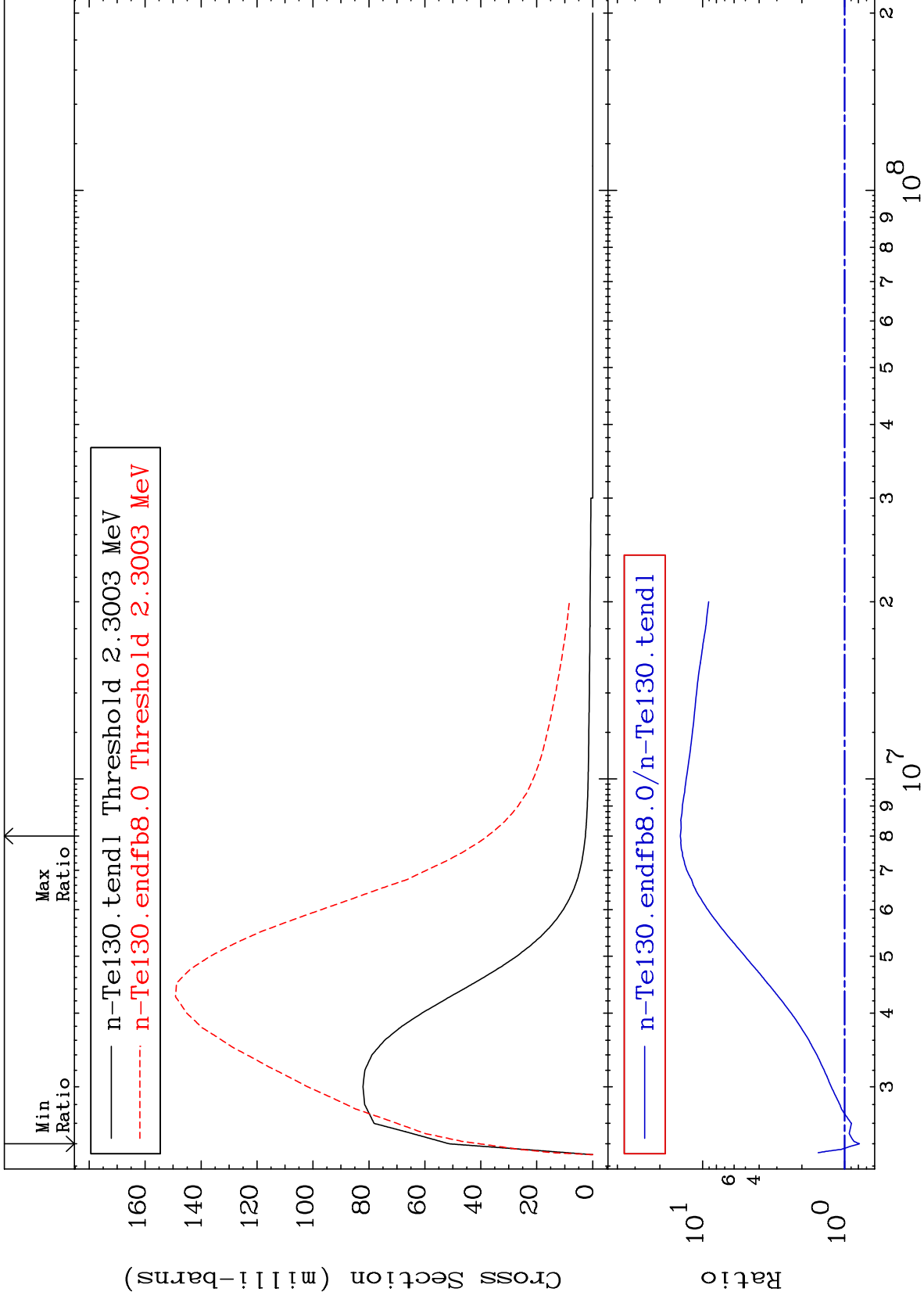
52-Te-130
-19.57 To 1337. %



18

Incident Energy (eV)

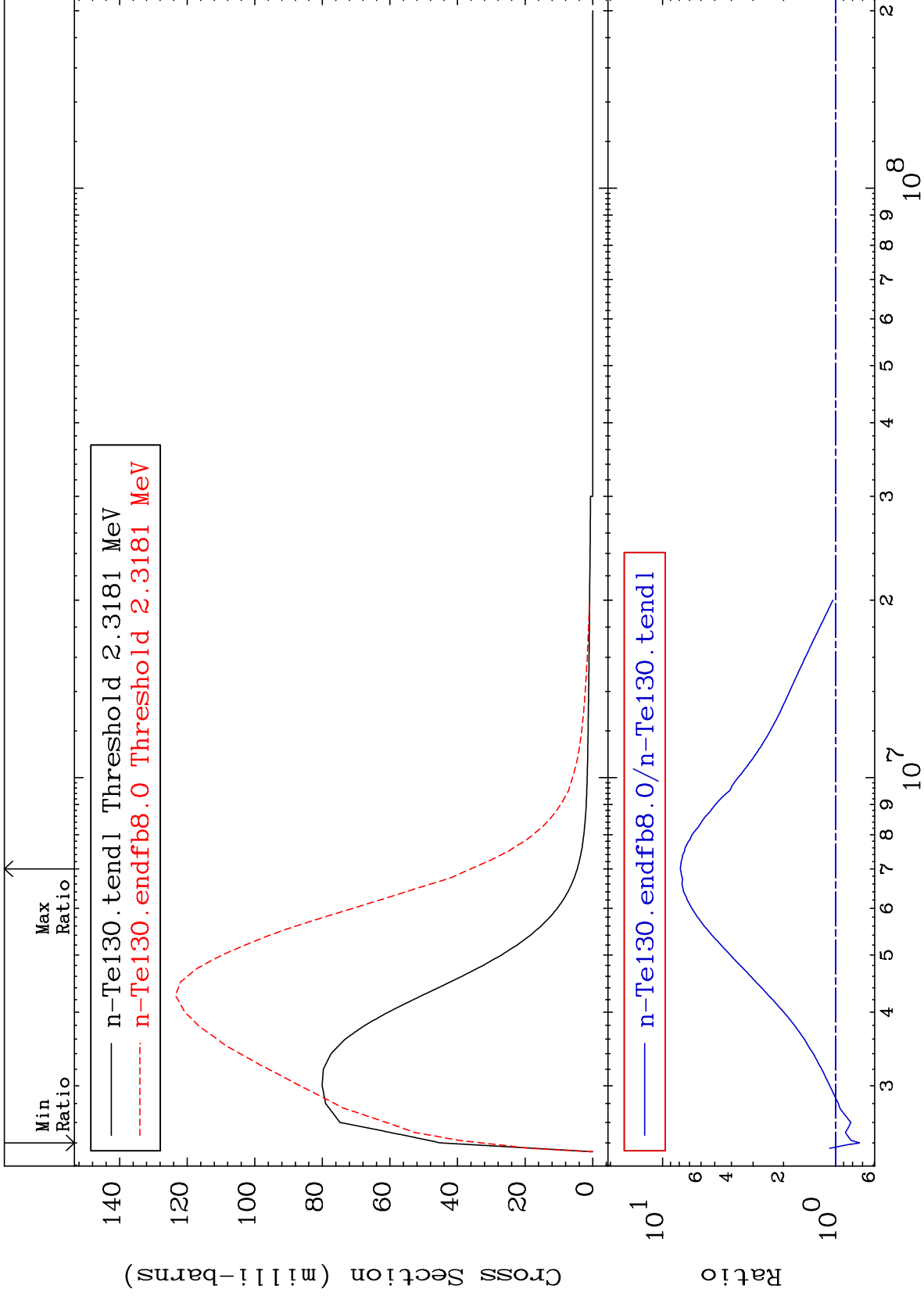
52-Te-130



MAT 5255

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

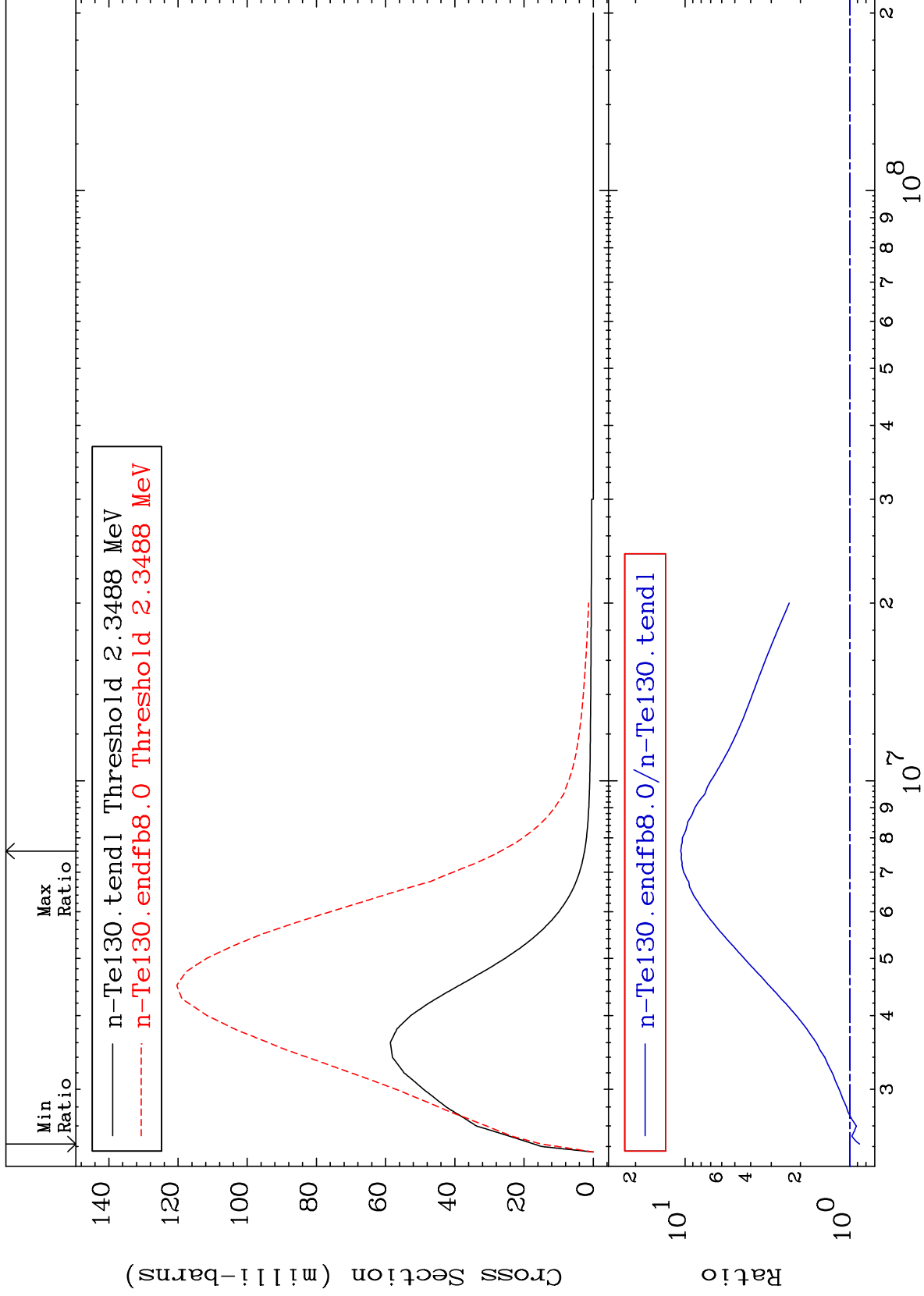
52-Te-130
-27.02 To 689.4 %



MAT 5255

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

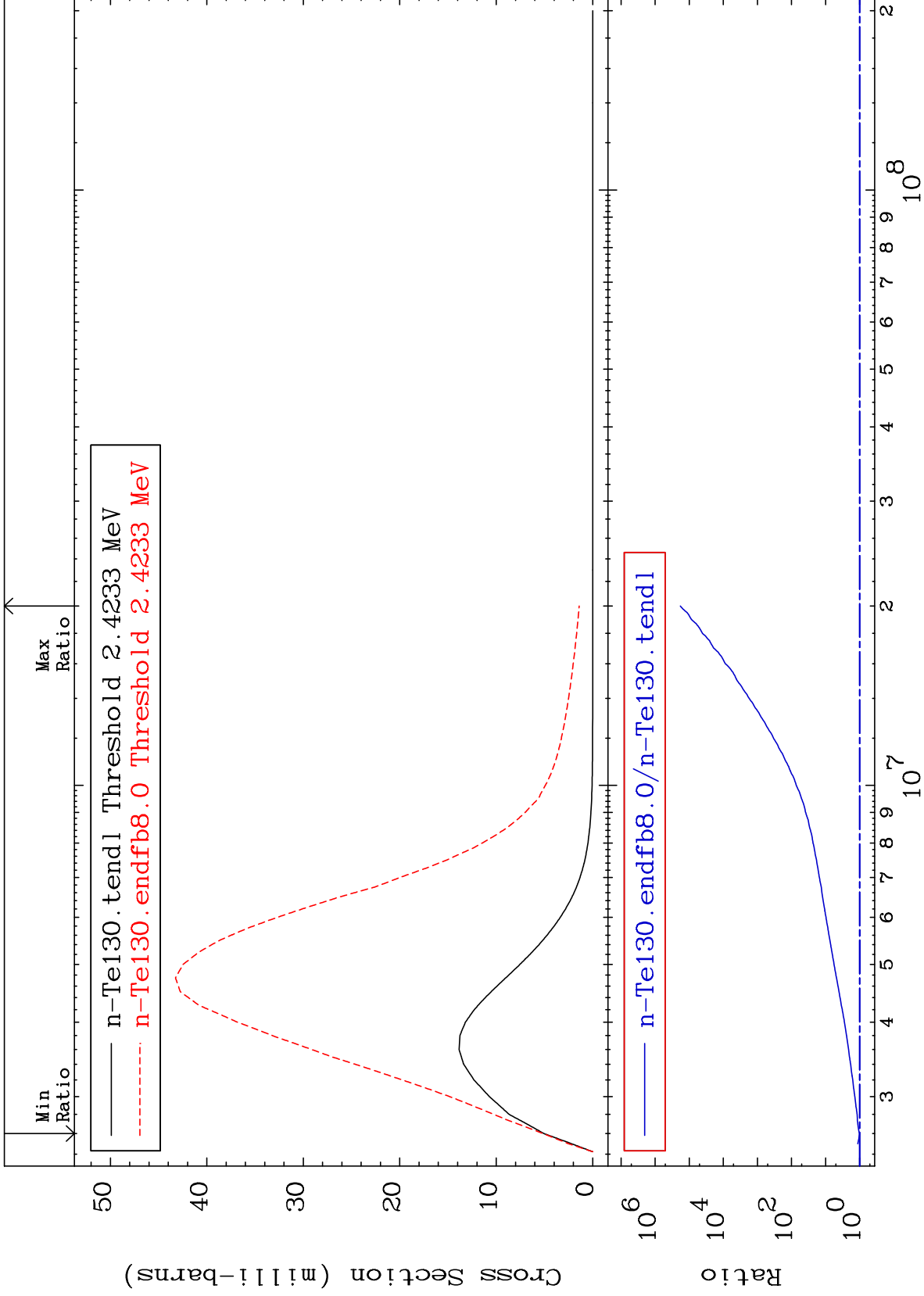
52-Te-130
-12.51 To 963.8 %

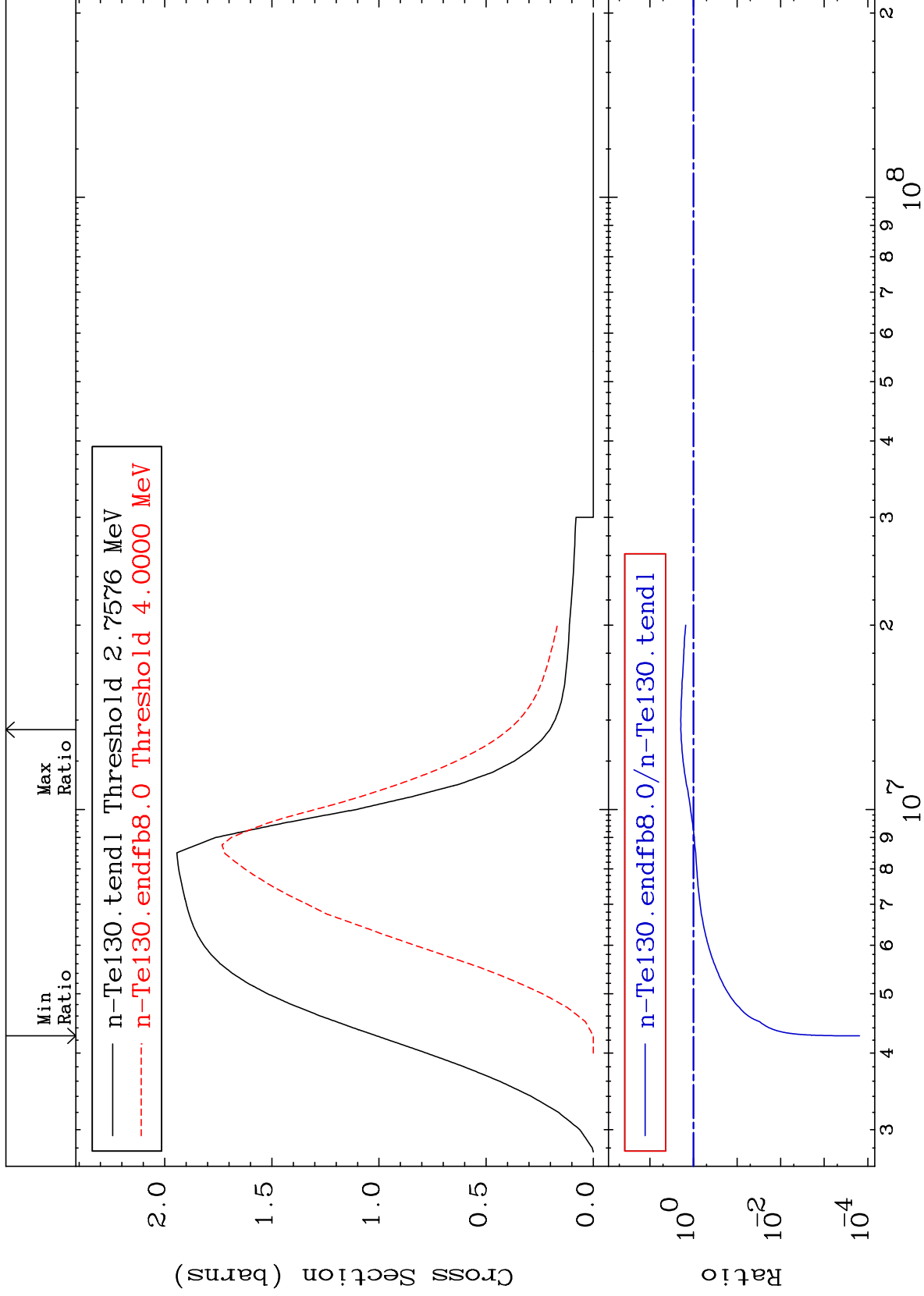


MAT 5255

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

52-Te-130
To 9999. %
1.523

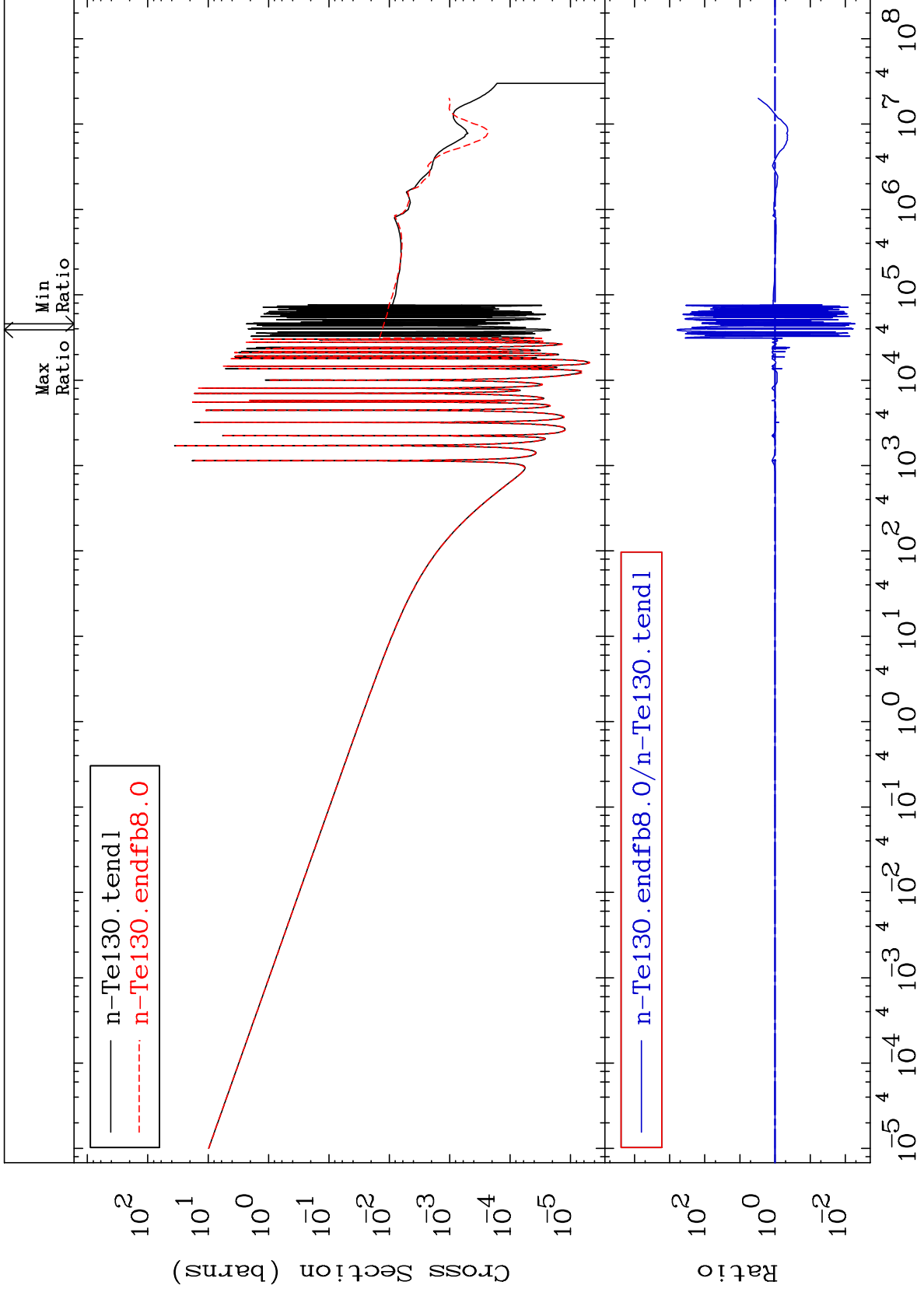




MAT 5255

(n, γ)
Cross Section

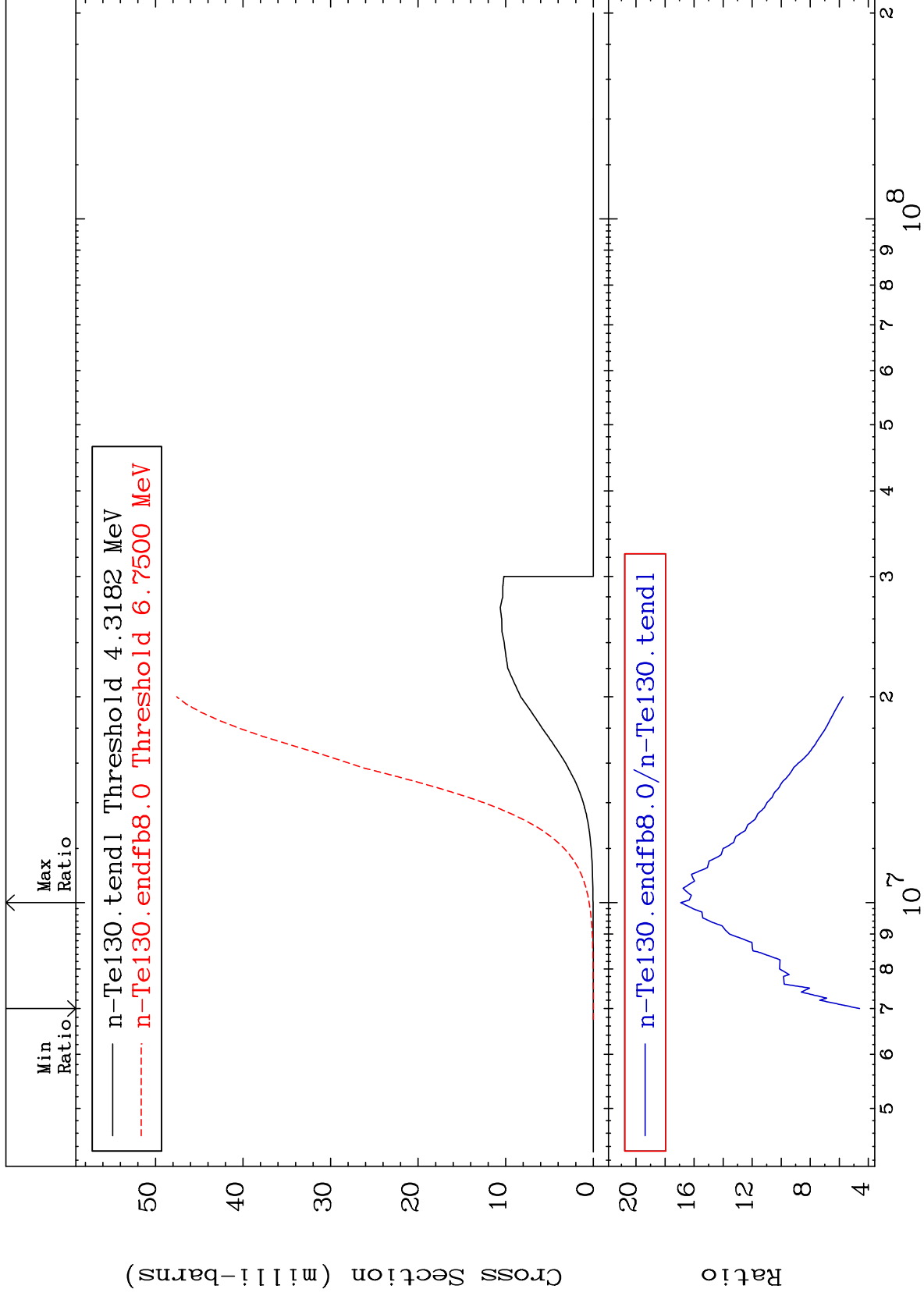
52-Te-130
-99.47 To 9999. %



MAT 5255

(n,p)
Cross Section

52-Te-130
360.6 To 1592. %



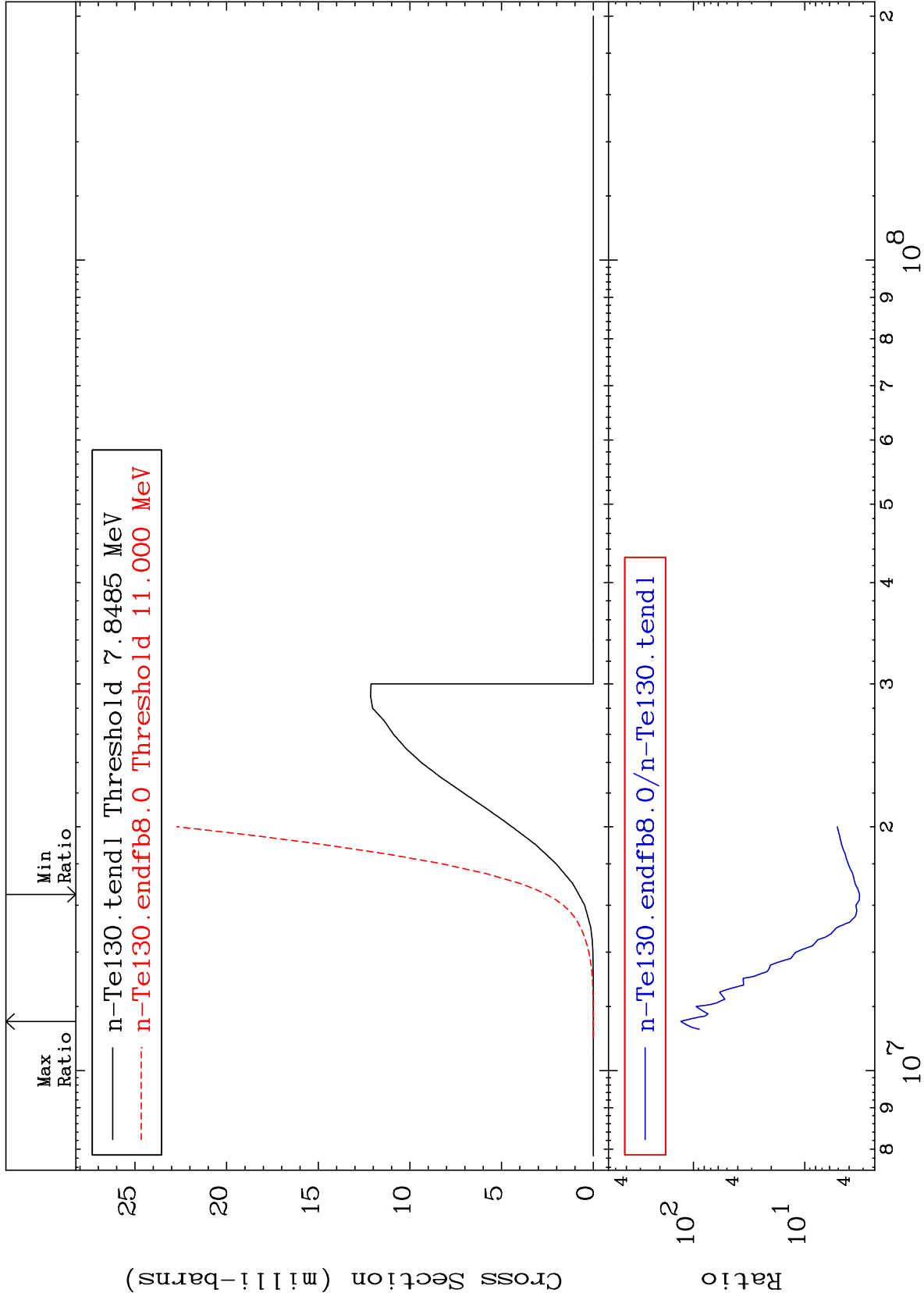
MAT 5255

(n, d)

52-Te-130

Cross Section

222.2 To 9999. %



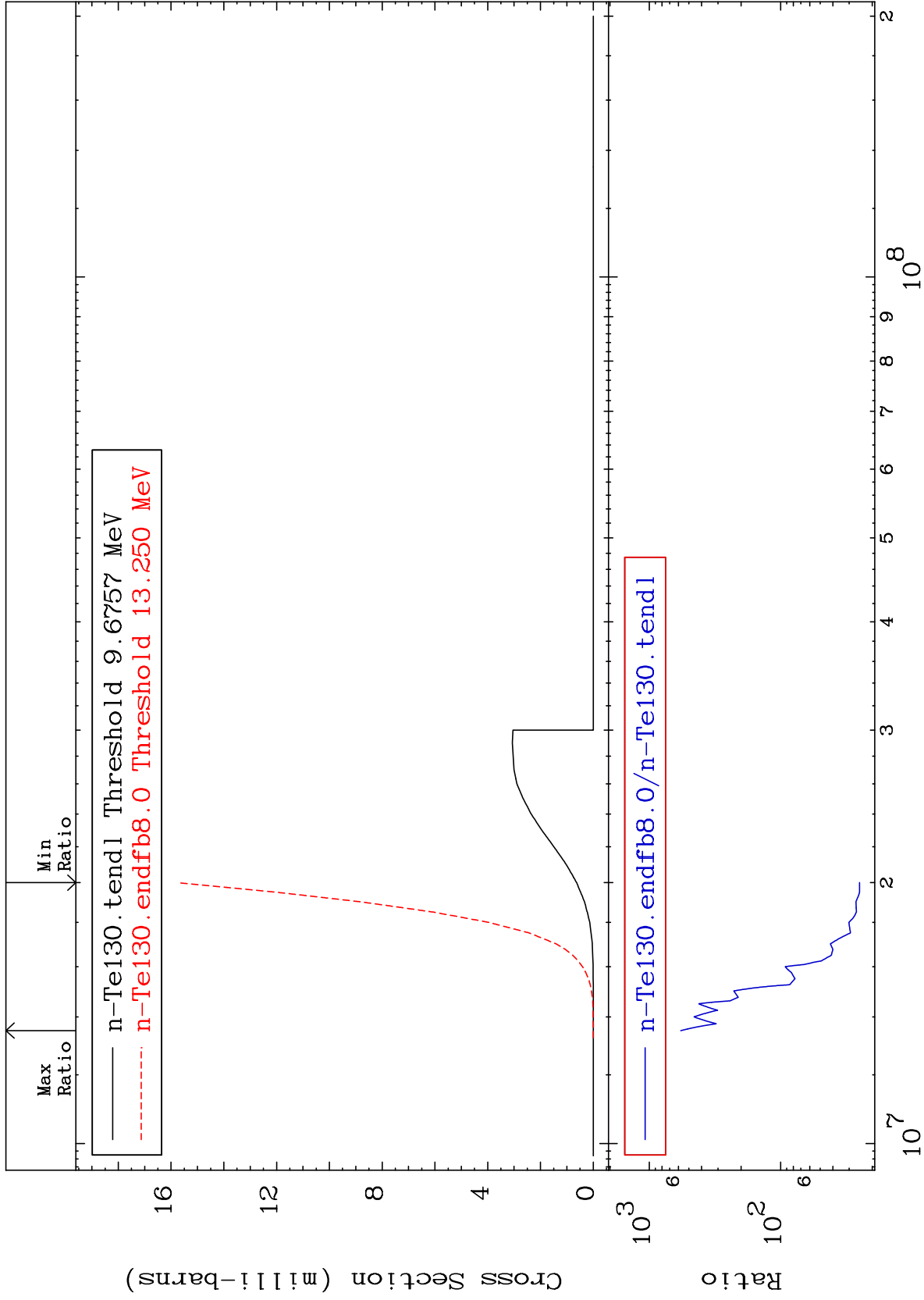
MAT 5255

(n, t)

52-Te-130

Cross Section

2403. To 9999. %



27

Incident Energy (eV)

52-Te-130

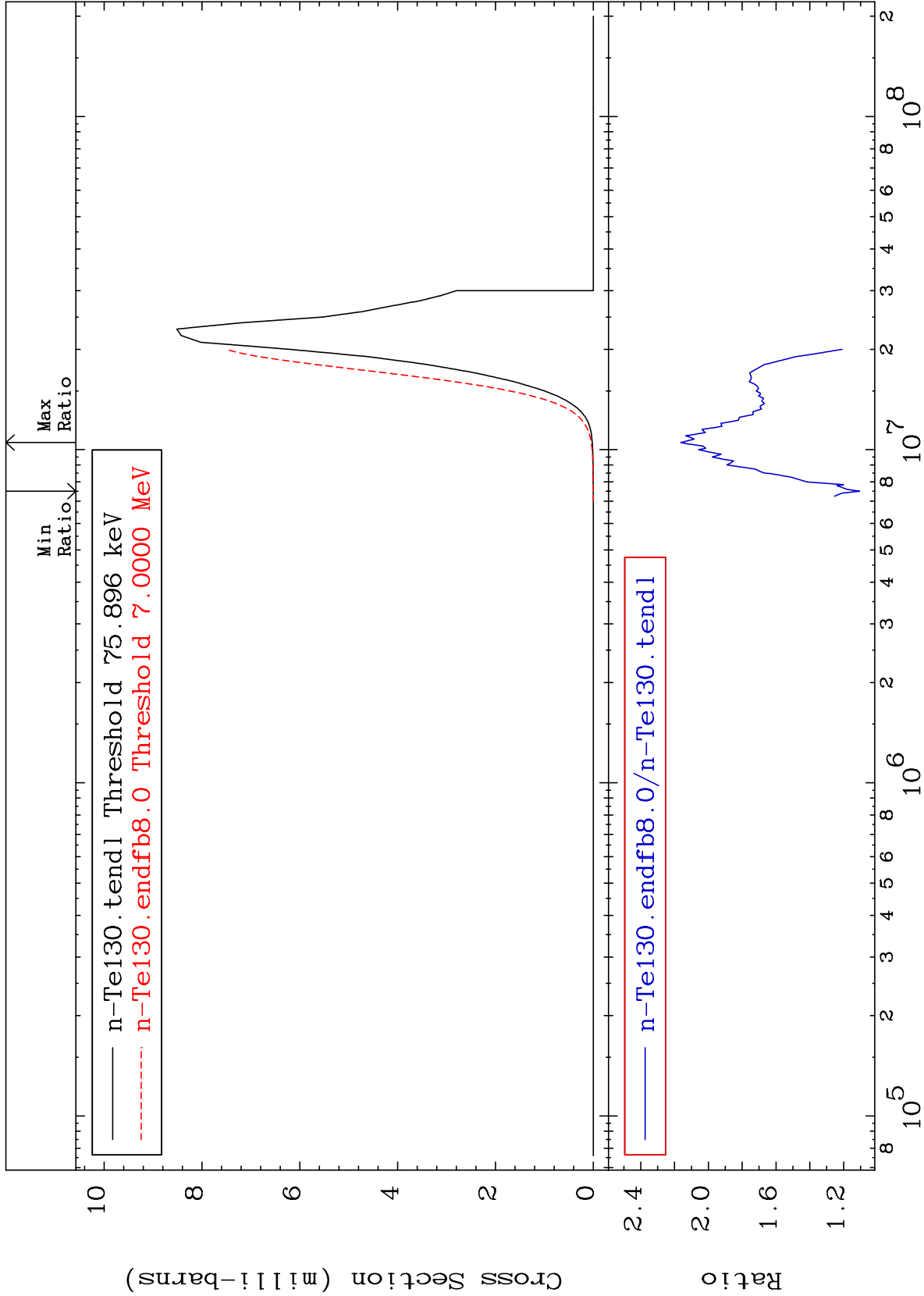
MAT 5255

(n, α)

52-Te-130

Cross Section

10.59 To 116.3 %



28

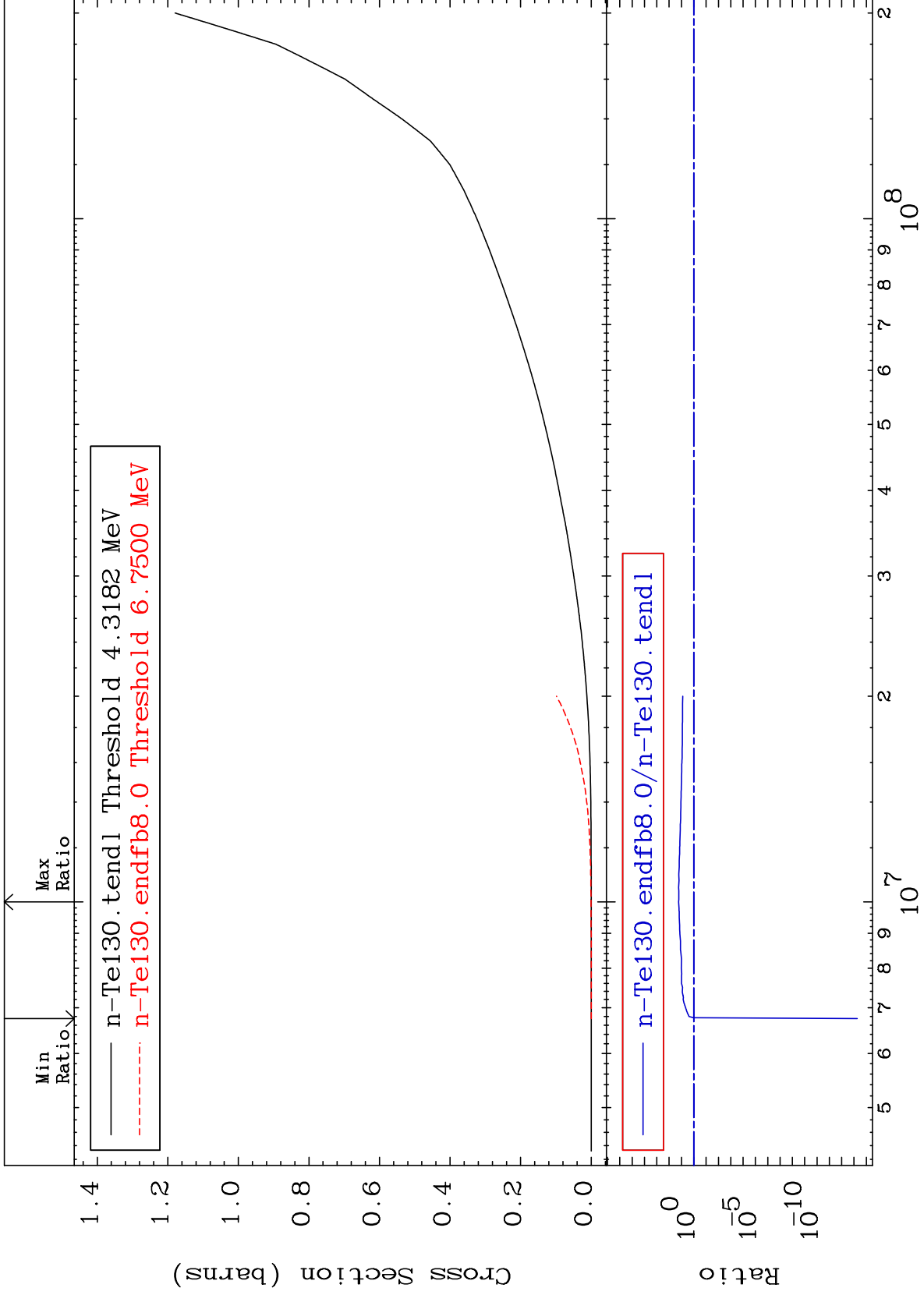
Incident Energy (eV)

52-Te-130

MAT 5255

Hydrogen Production
Cross Section

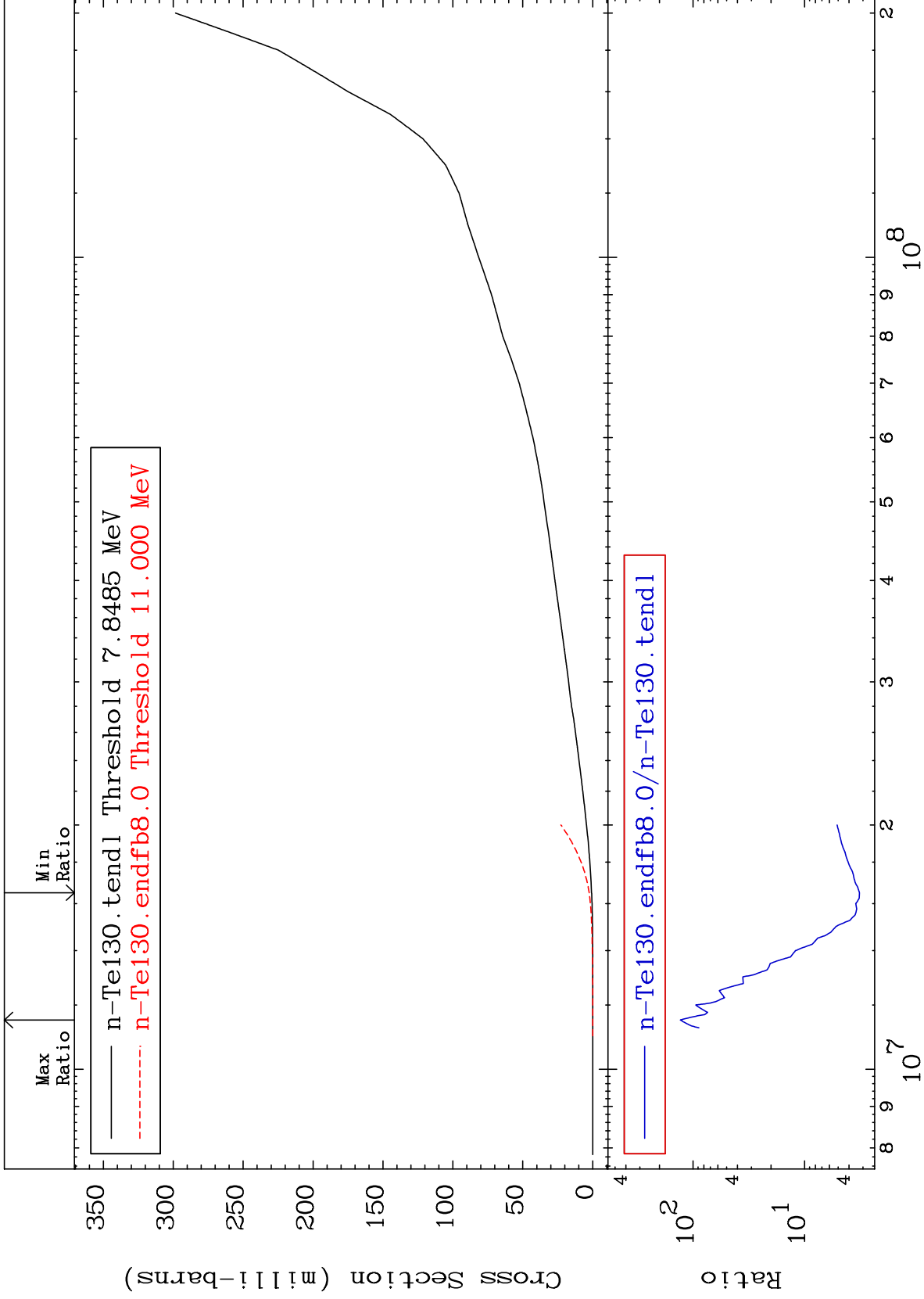
52-Te-130
-100.0 To 1592. %



MAT 5255

Deuterium Production
Cross Section

52-Te-130
222.2 To 9999. %



30

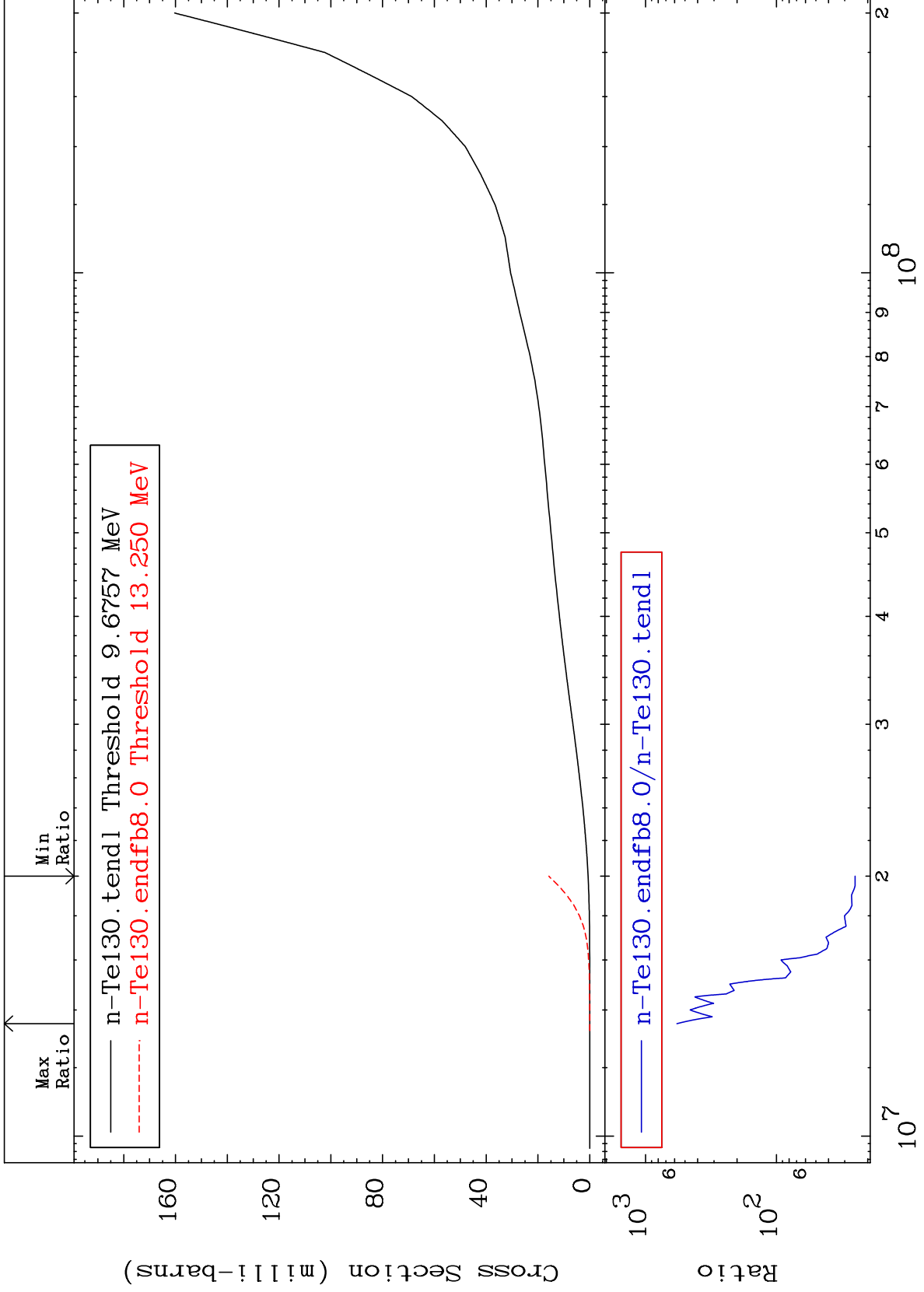
Incident Energy (eV)

52-Te-130

MAT 5255

Tritium Production
Cross Section

52-Te-130
2403. To 9999. %



31

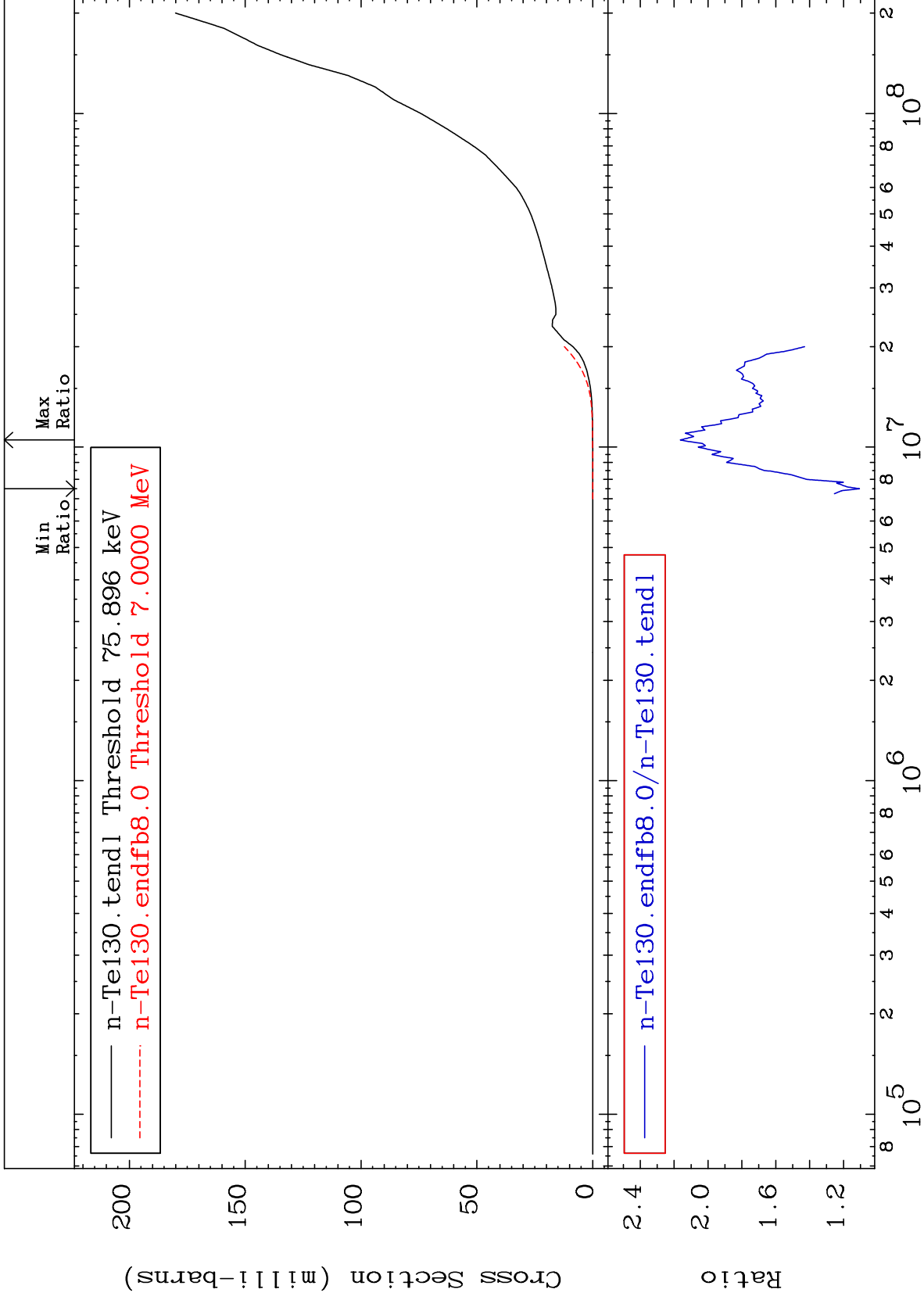
Incident Energy (eV)

52-Te-130

MAT 5255

He-4 Production
Cross Section

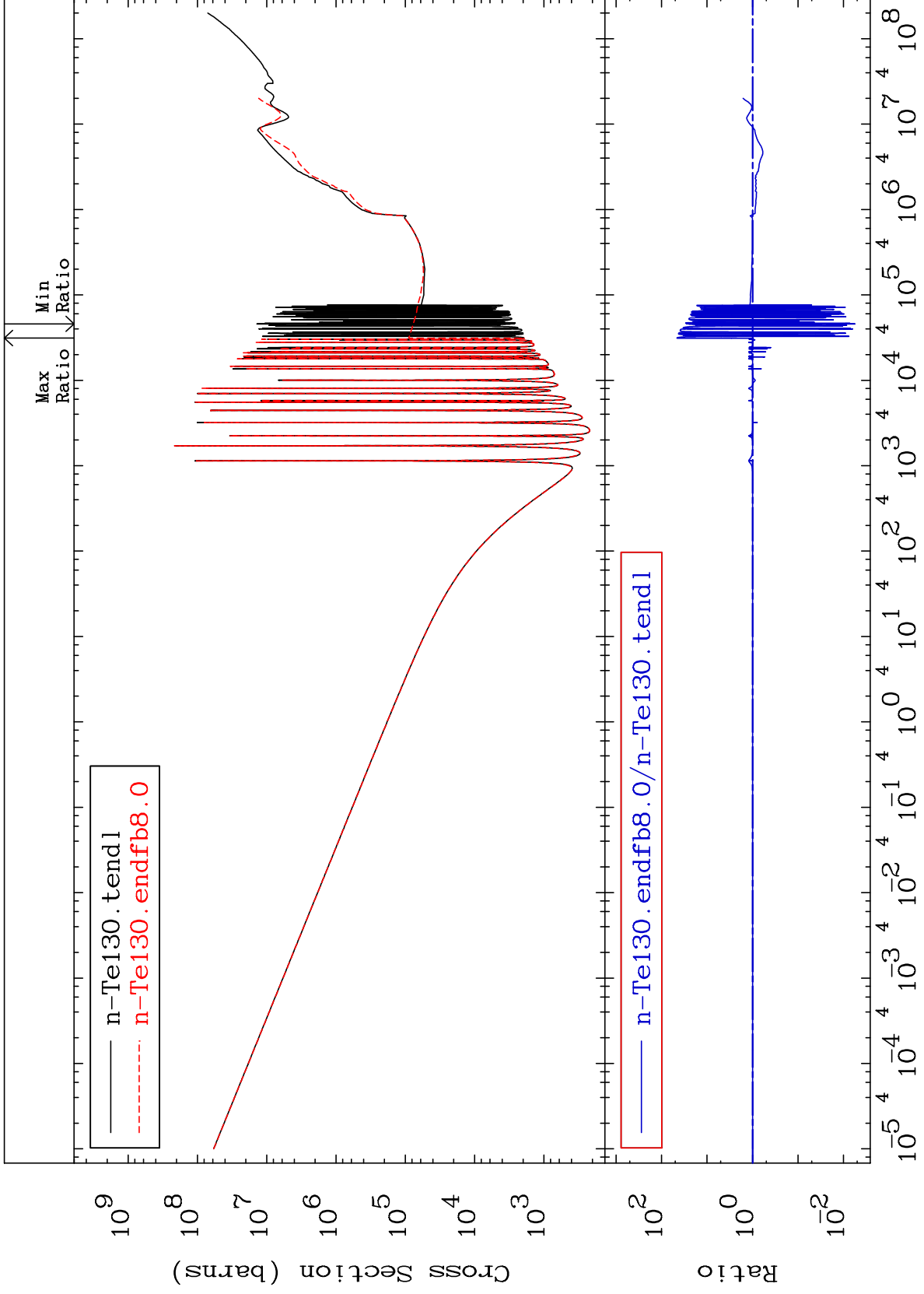
52-Te-130
To 116.3 %



32

Incident Energy (eV)

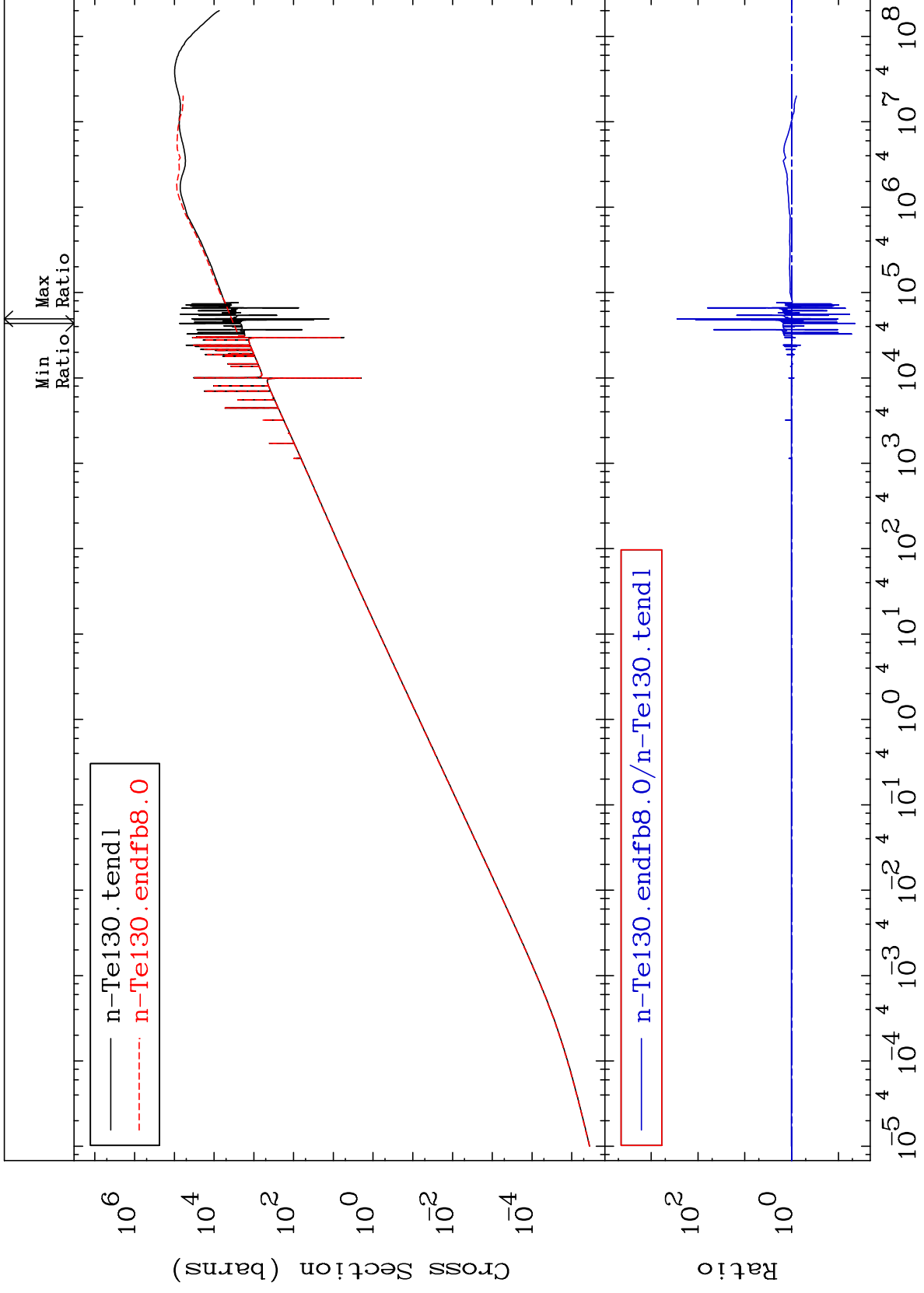
52-Te-130

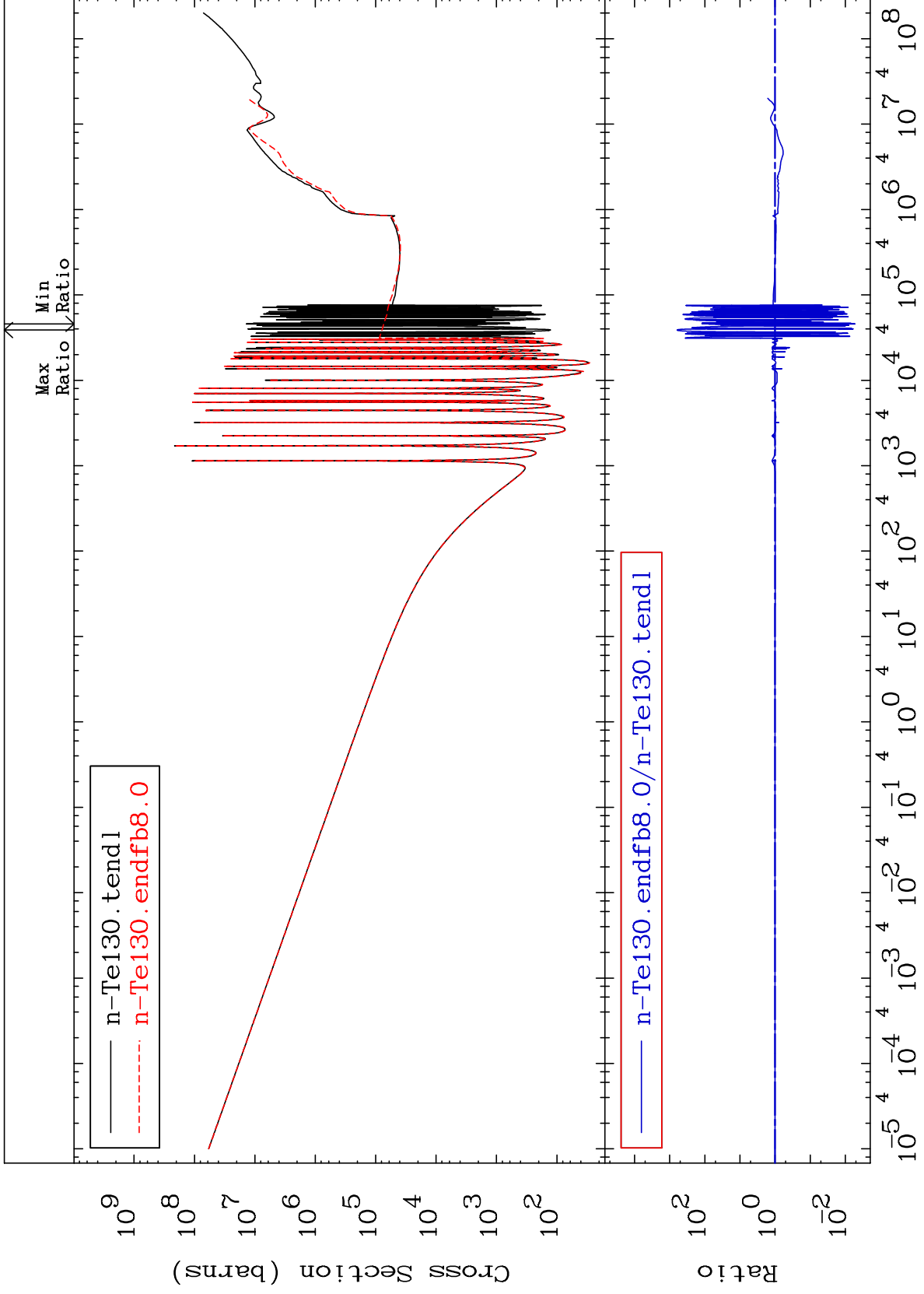


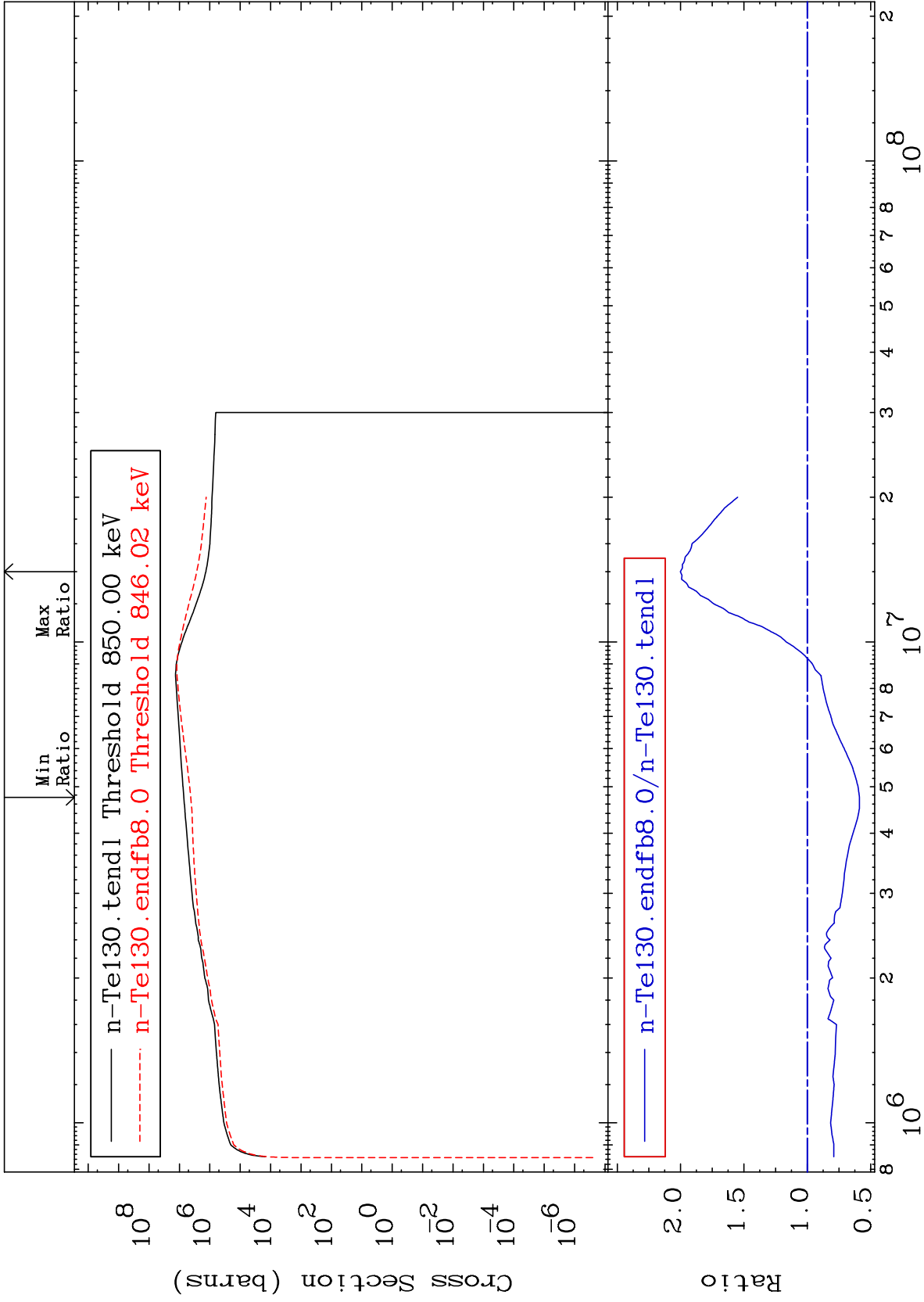
MAT 5255

Kerma elastic
Cross Section

52-Te-130
-95.60 To 9999. %



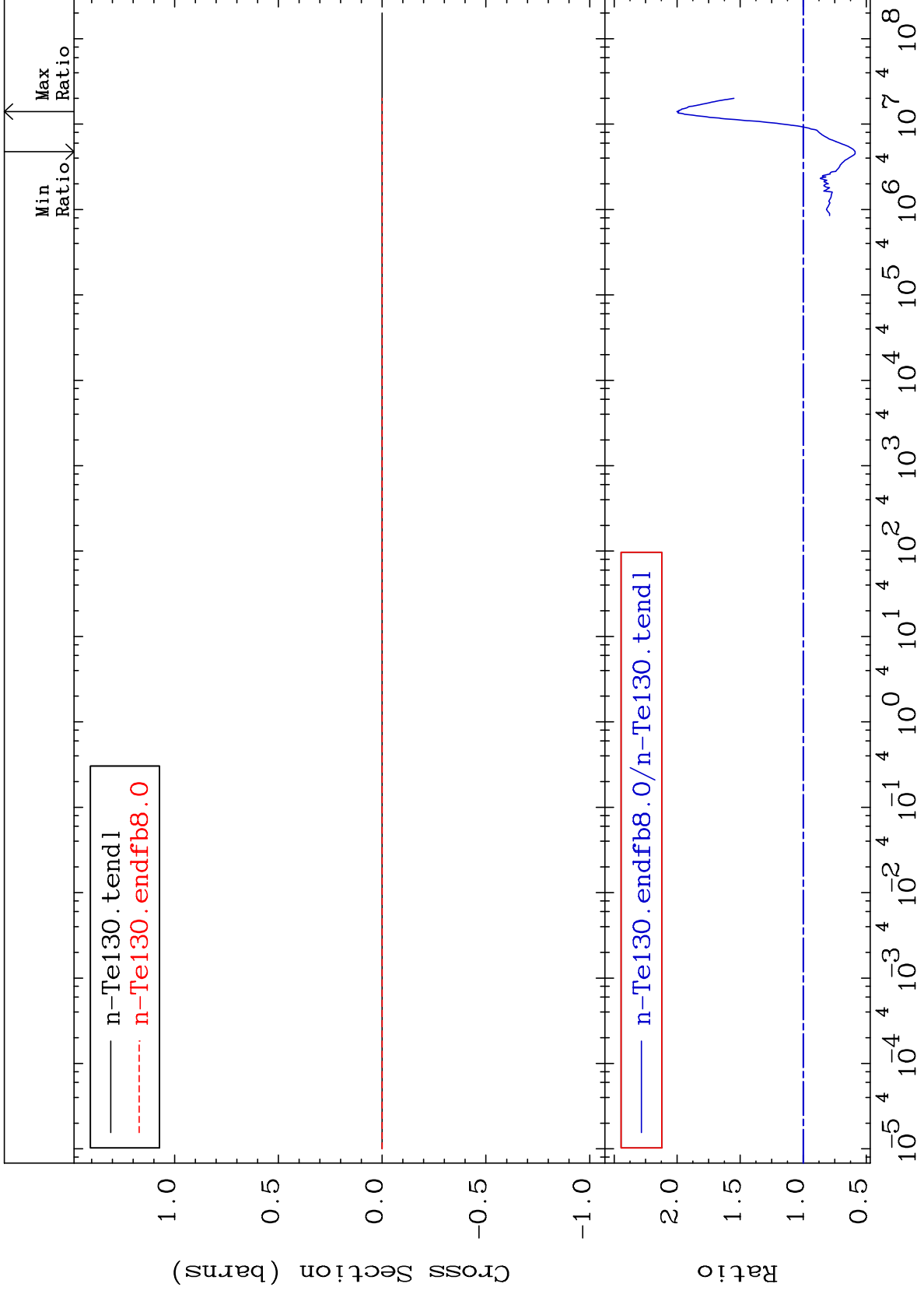




MAT 5255

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

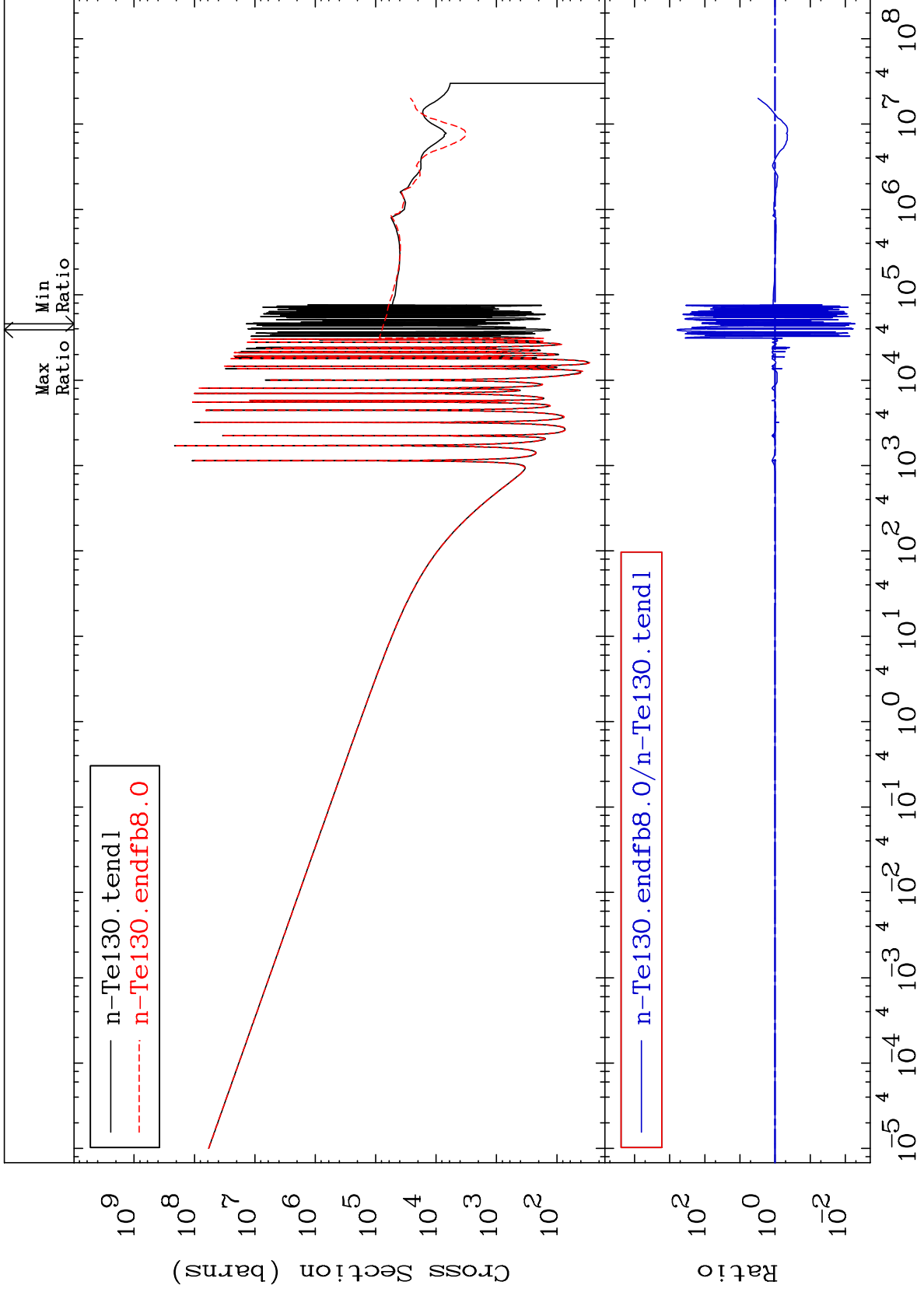
52-Te-130
-41.16 To 100.2 %

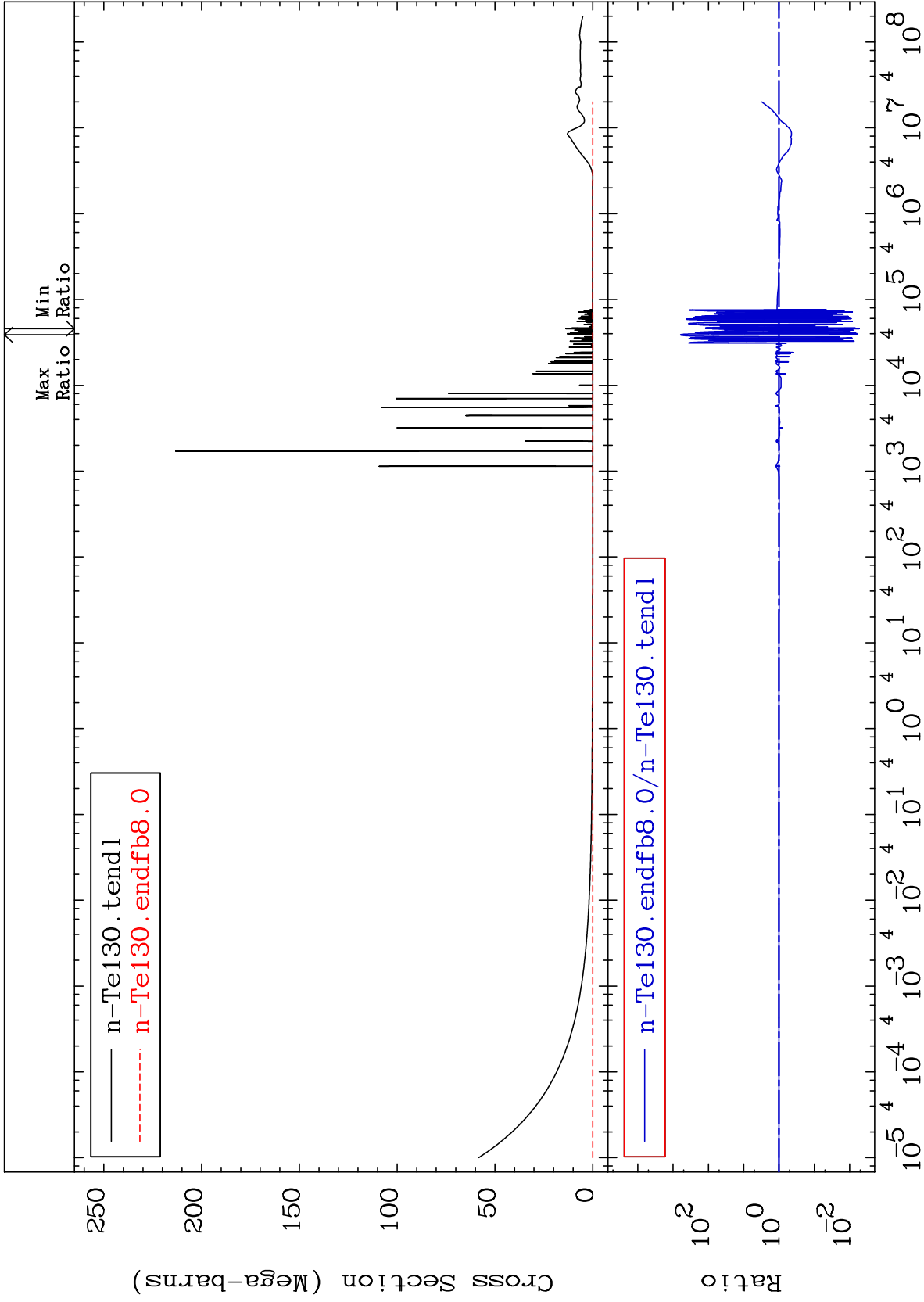


MAT 5255

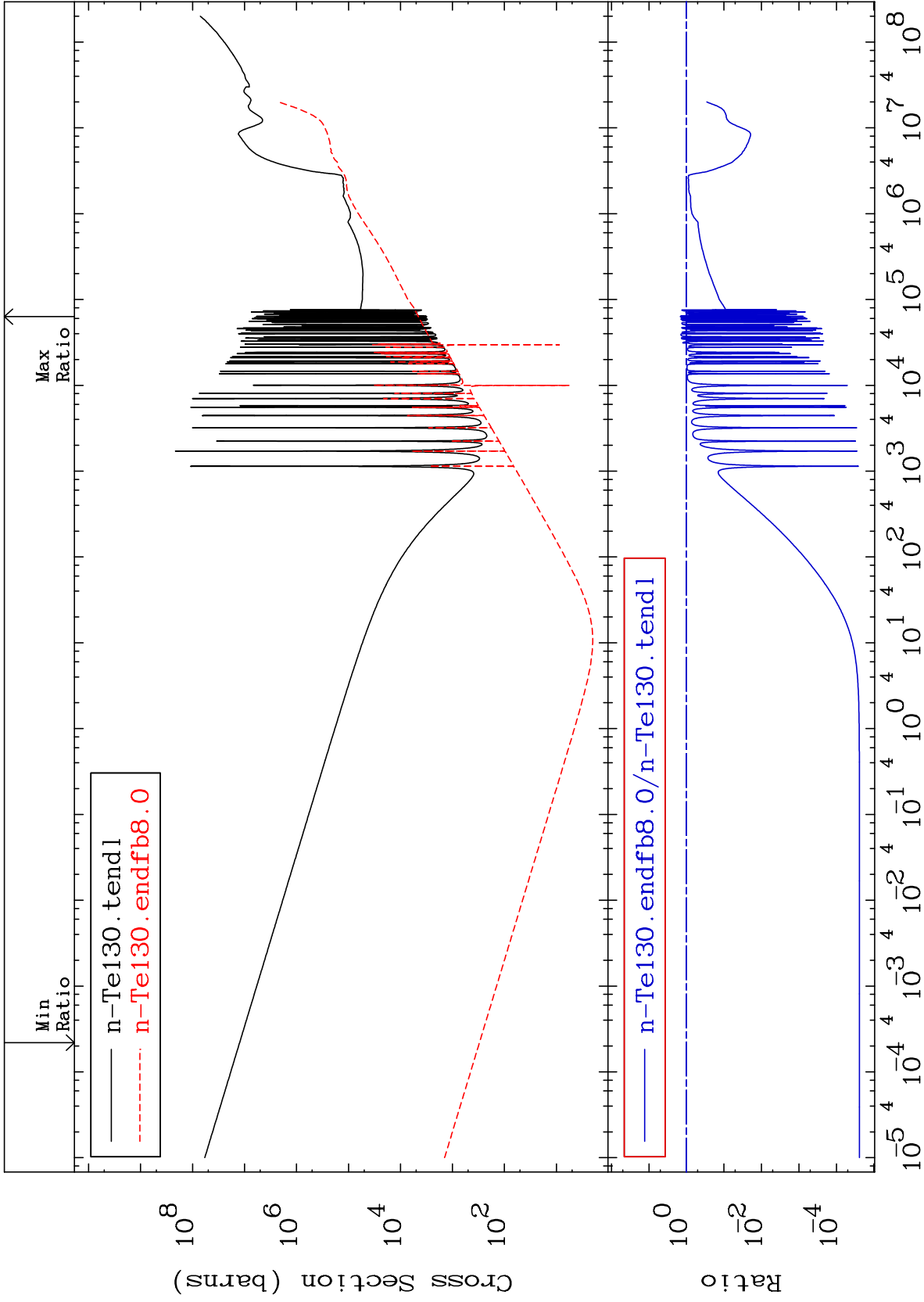
Kerma capture (mt102)
Cross Section

52-Te-130
-99.47 To 9999. %





MAT 5255 Total kinematic kerma (high limit) 52-Te-130
 Cross Section -100.0 To 45.16 %



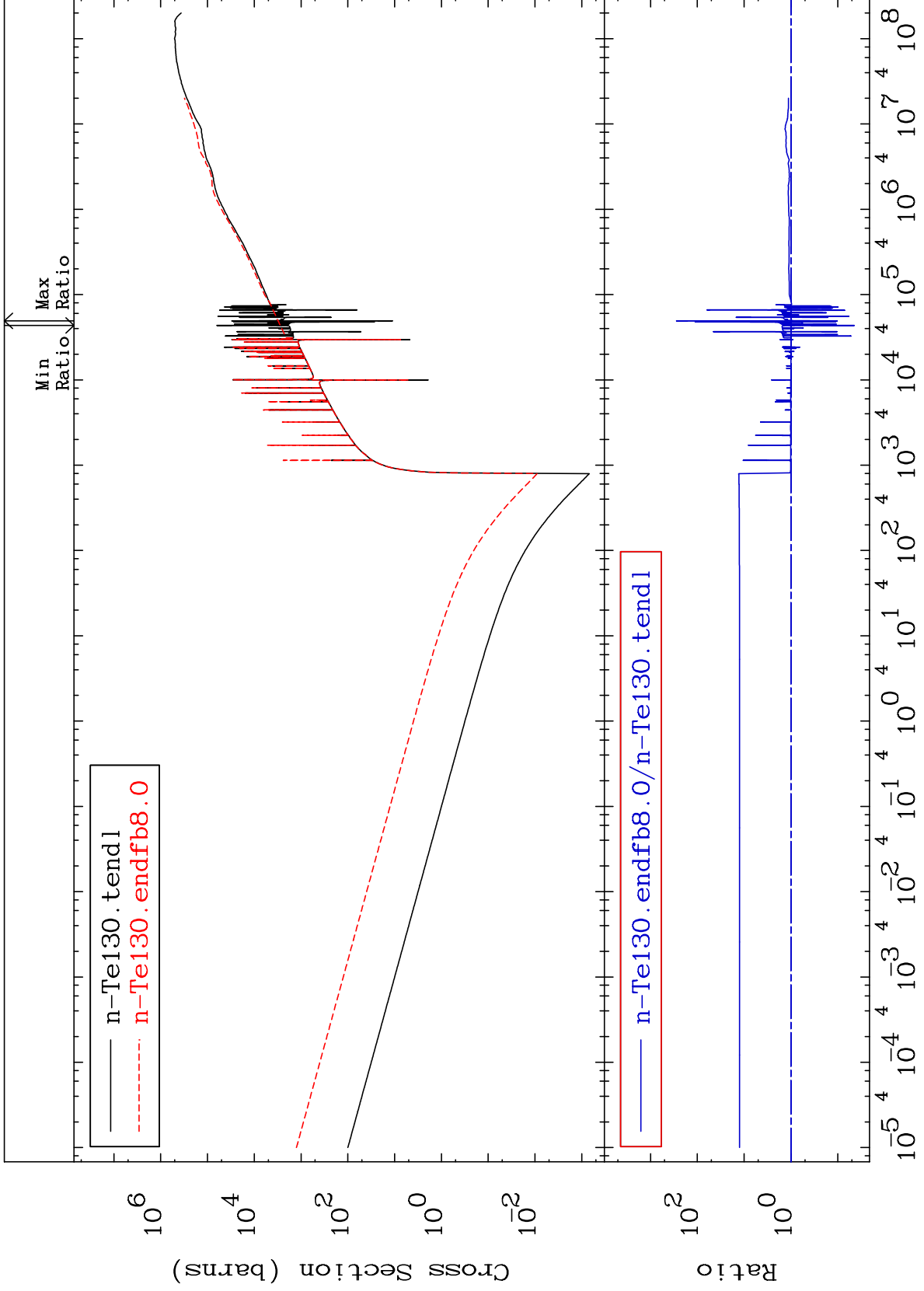
52-Te-130

40

MAT 5255

Dpa total (eV-barns)
Cross Section

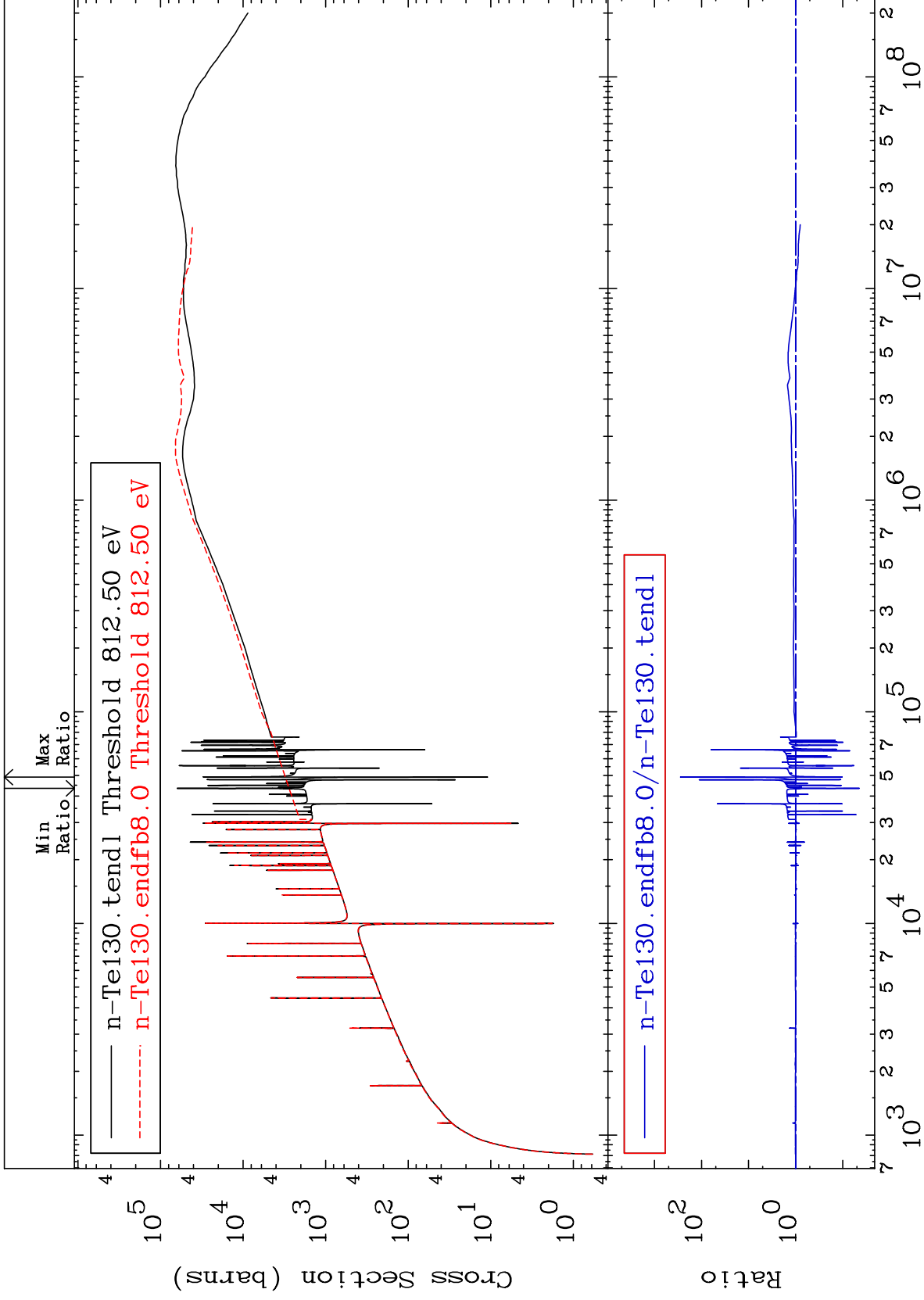
52-Te-130
-95.59 To 9999. %



MAT 5255

Dpa elastic (mt2)
Cross Section

52-Te-130
-95.60 To 9999. %



42

Incident Energy (eV)

52-Te-130

