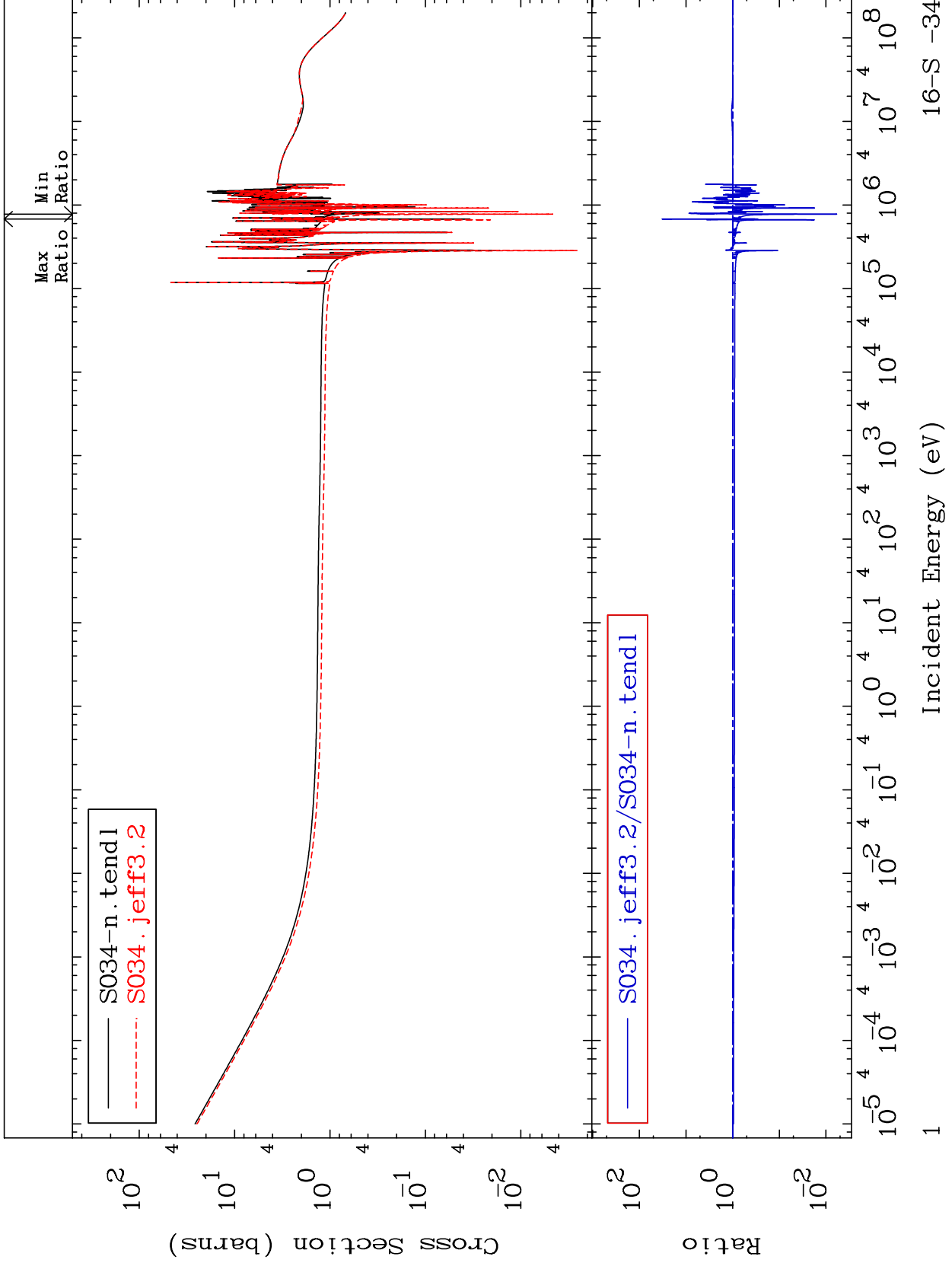


MAT 1631

Total
Cross Section

16-S -34
-99.41 To 3104. %

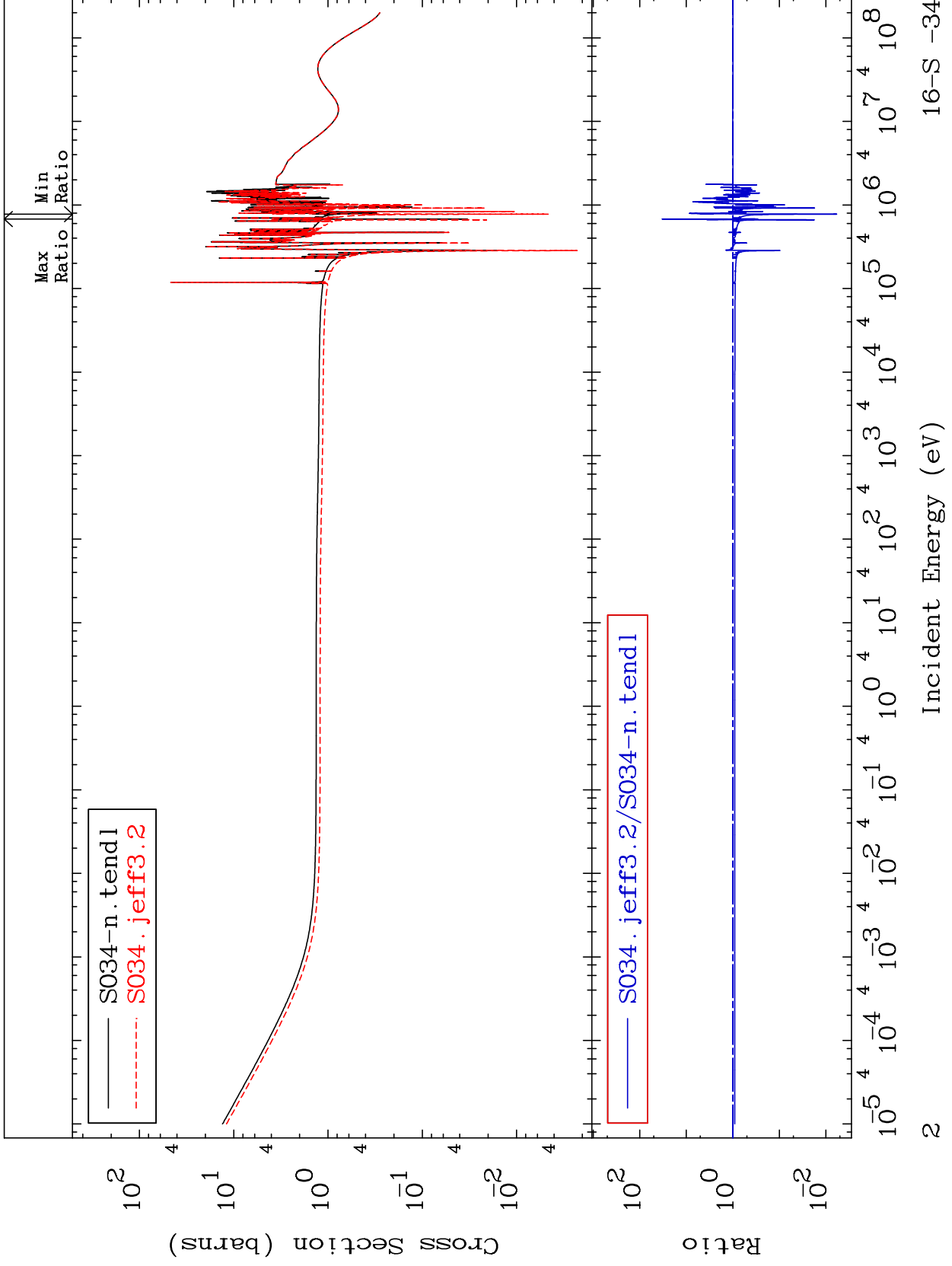


16-S -34

MAT 1631

Elastic
Cross Section

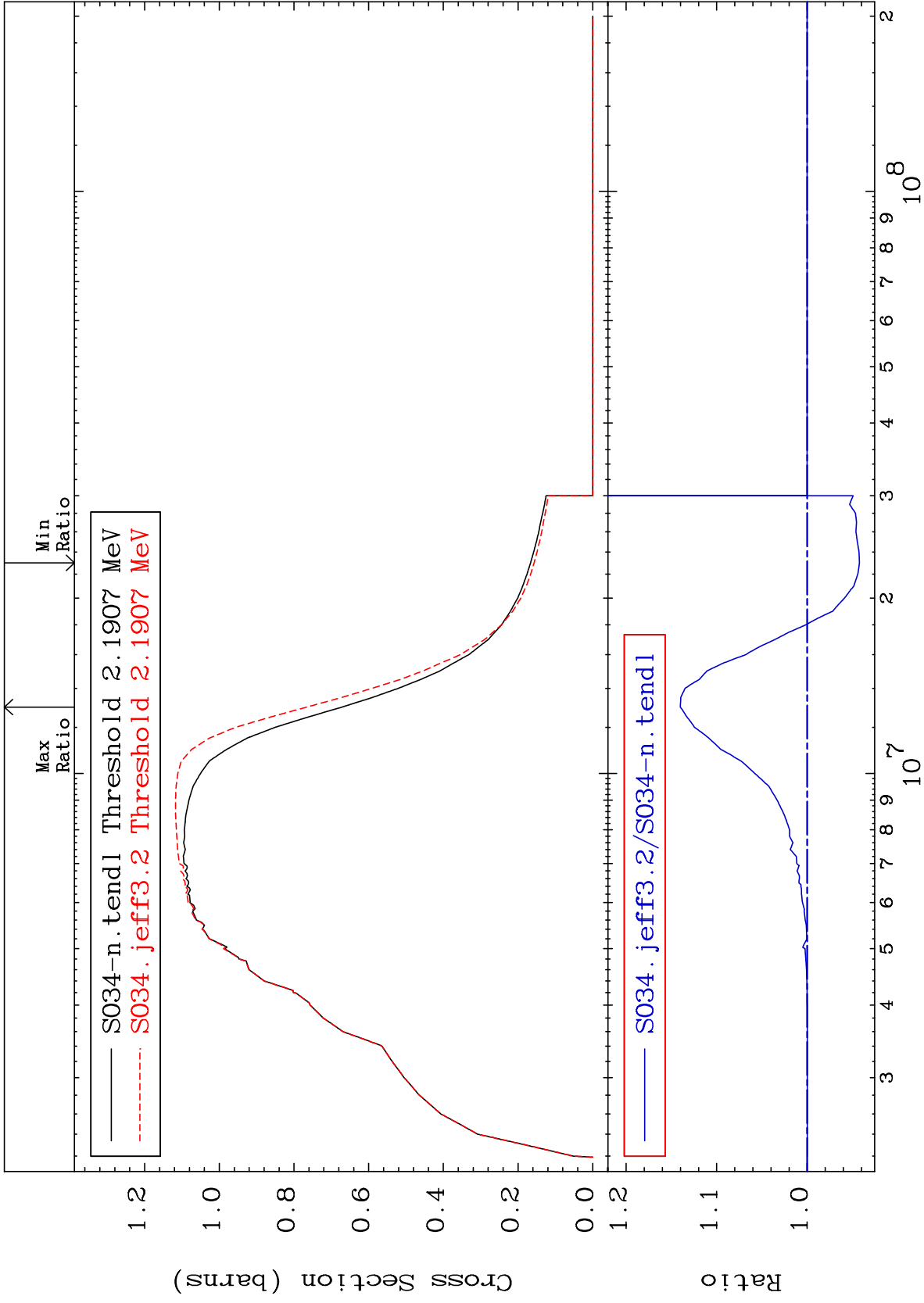
16-S -34
-99.41 To 3176. %



16-S -34

Incident Energy (eV)

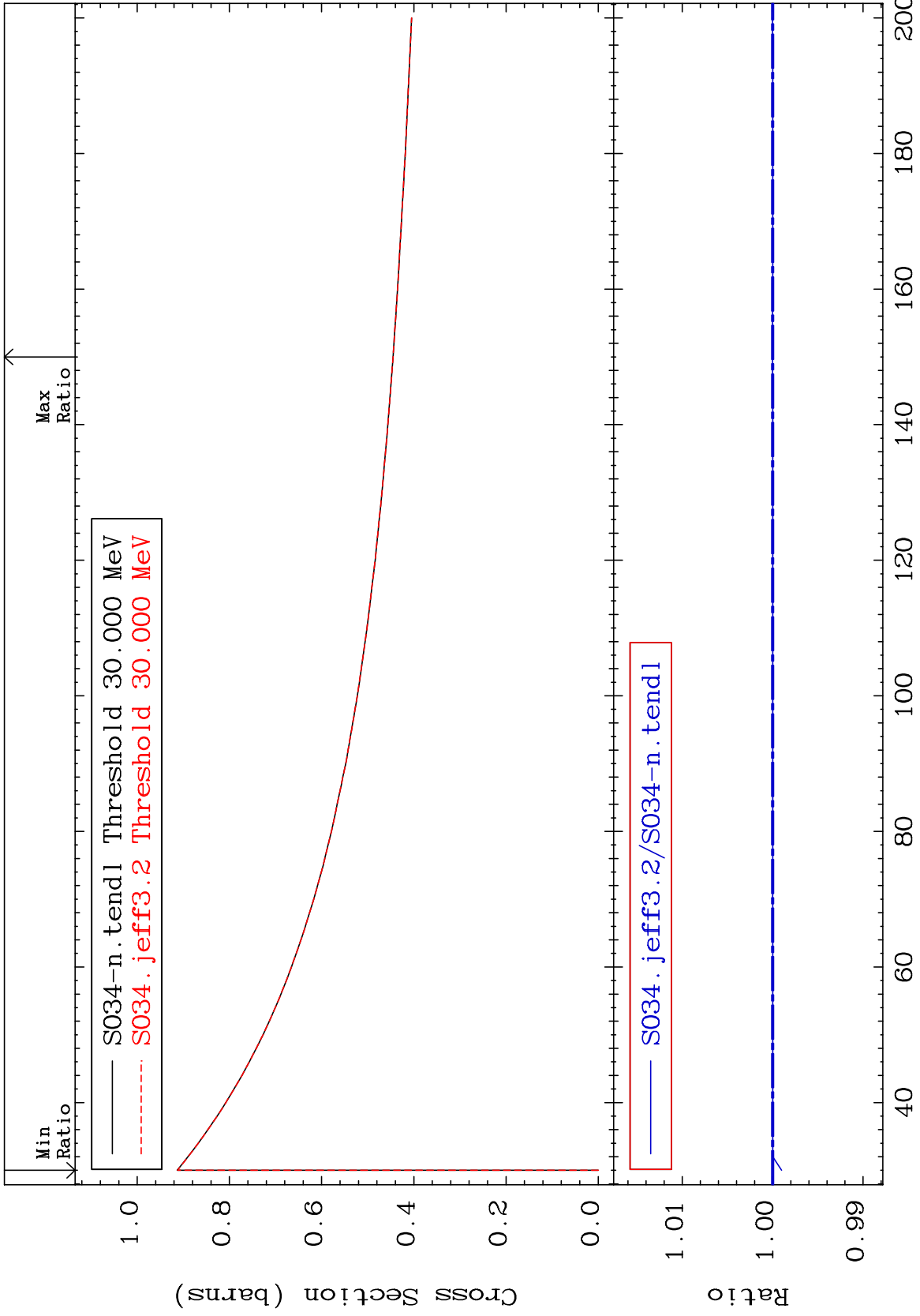
2



MAT 1631

(n, remainder)
Cross Section

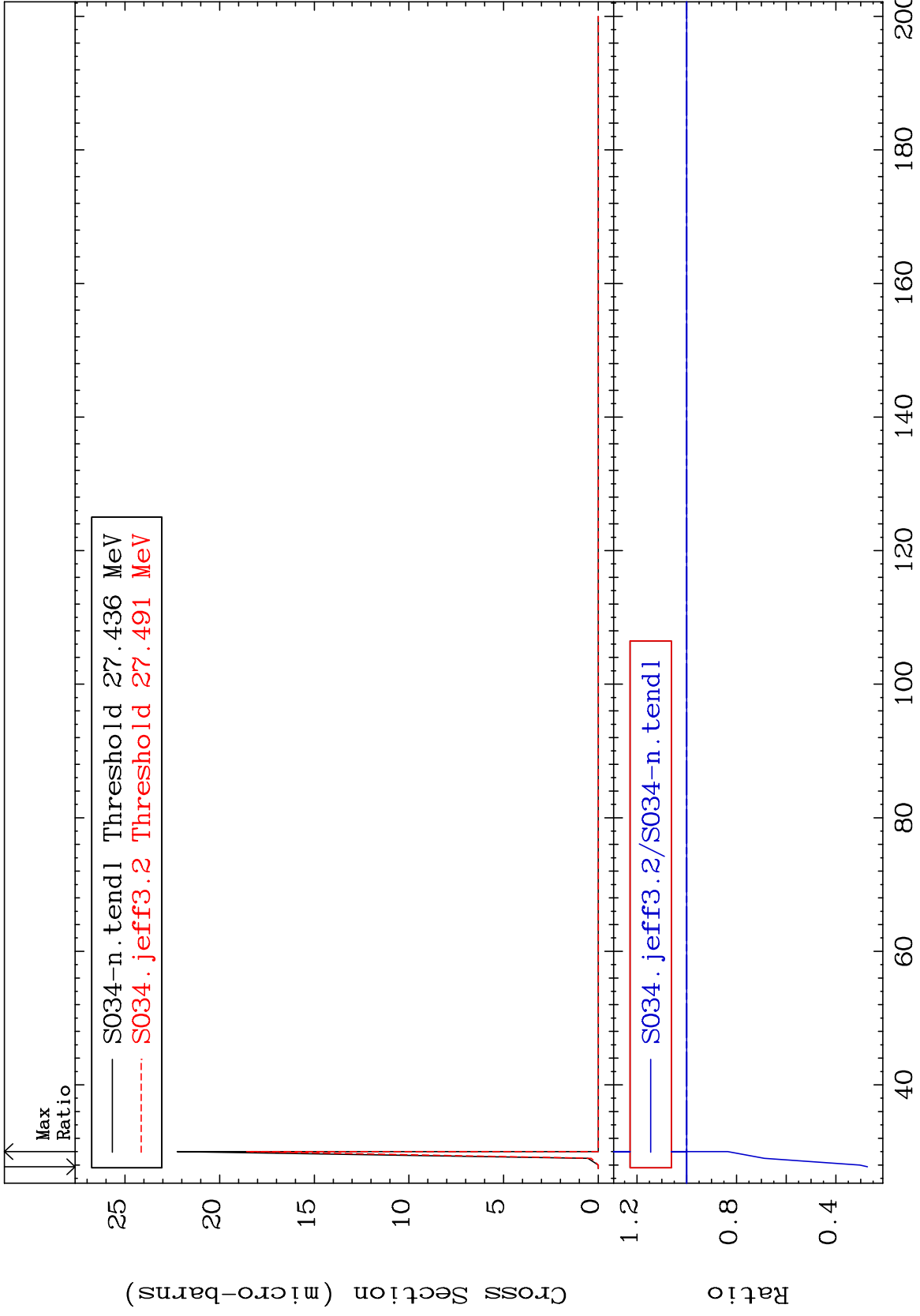
16-S -34
-0.098 To 0.000 %



MAT 1631

(n,2n) d
Cross Section

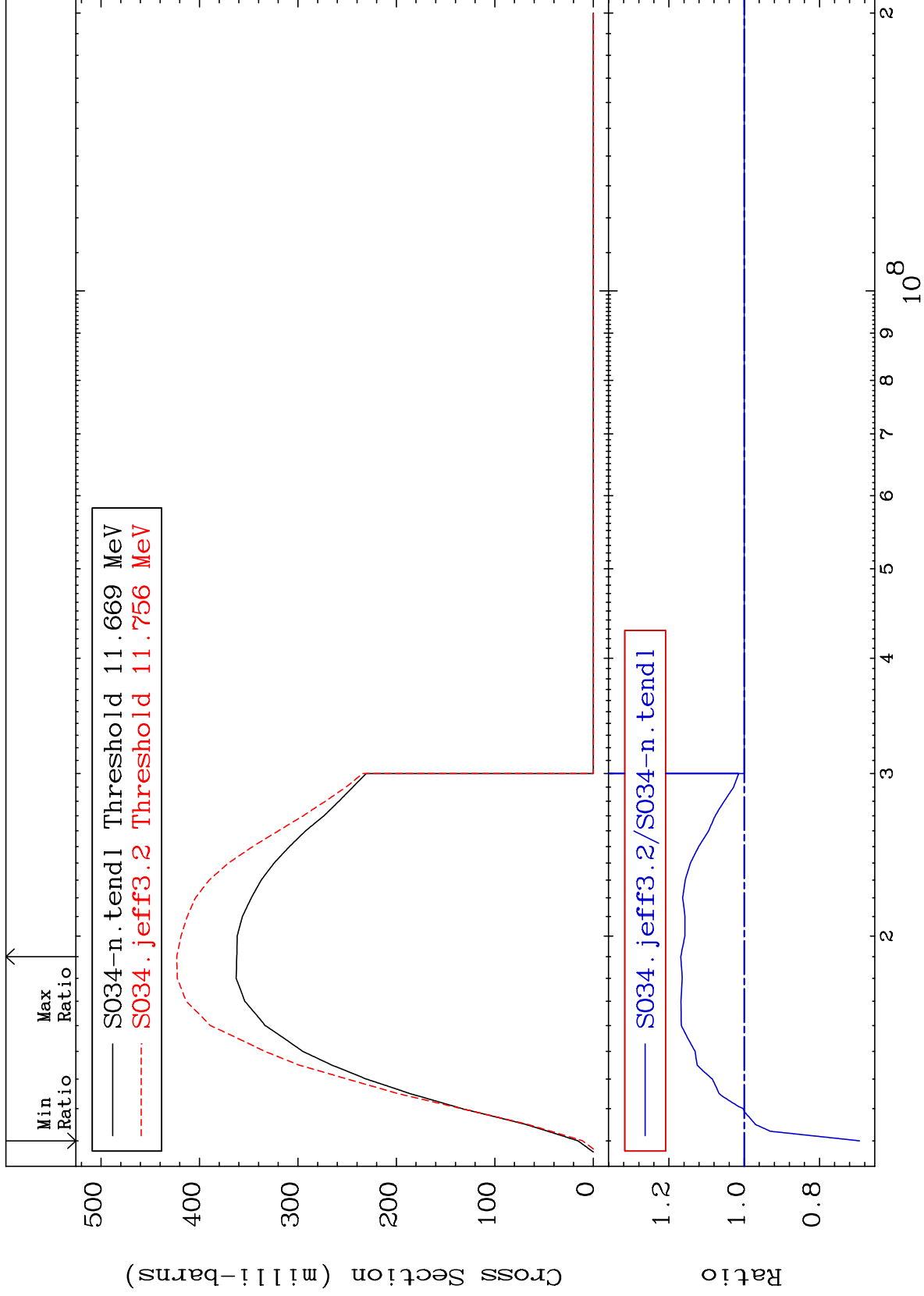
16-S -34
-72.69 To 0.000 %



MAT 1631

(n,2n)
Cross Section

16-S -34
-30.63 To 16.85 %



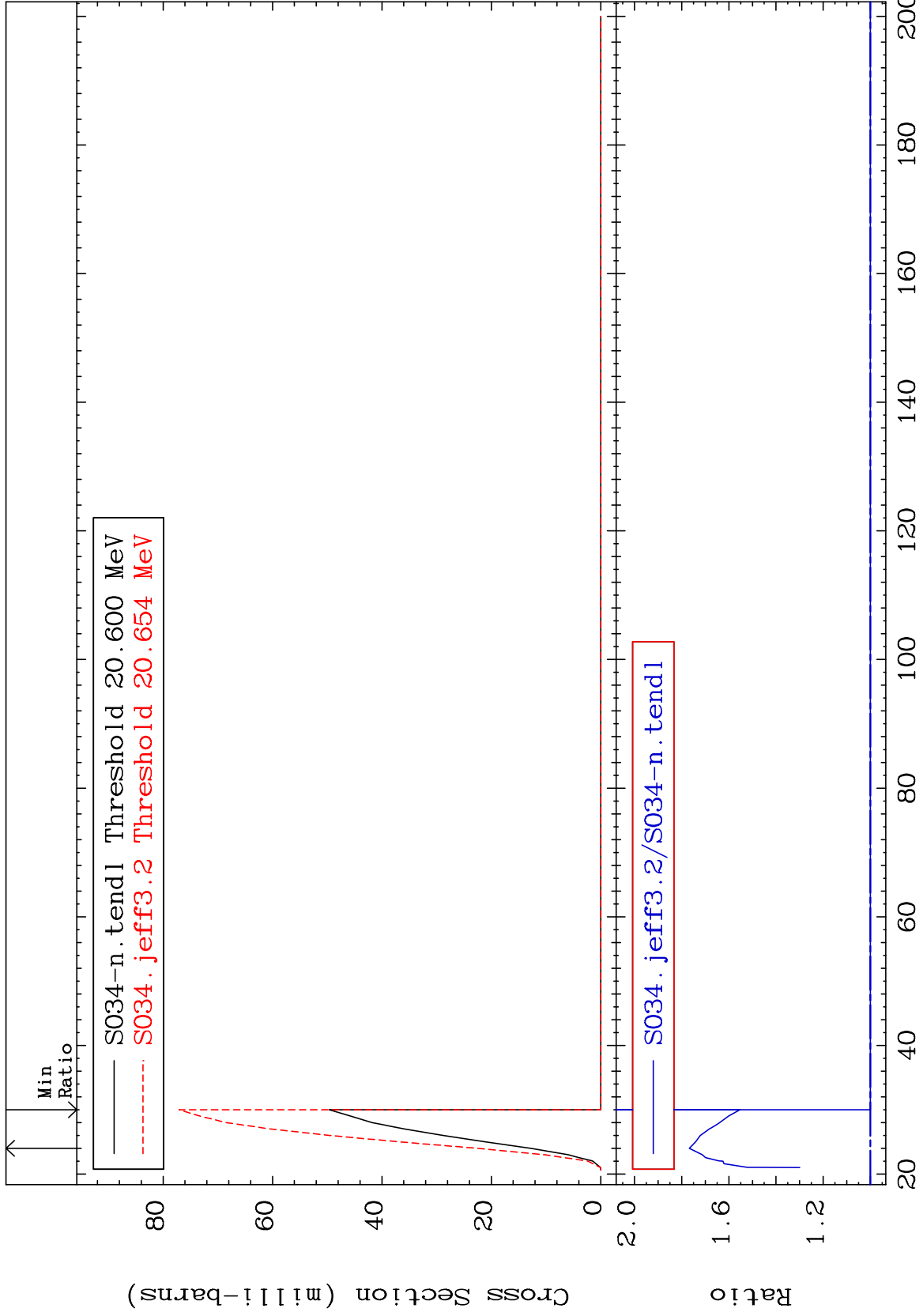
MAT 1631

(n,3n)

16-S -34

Cross Section

0.000 To 76.75 %



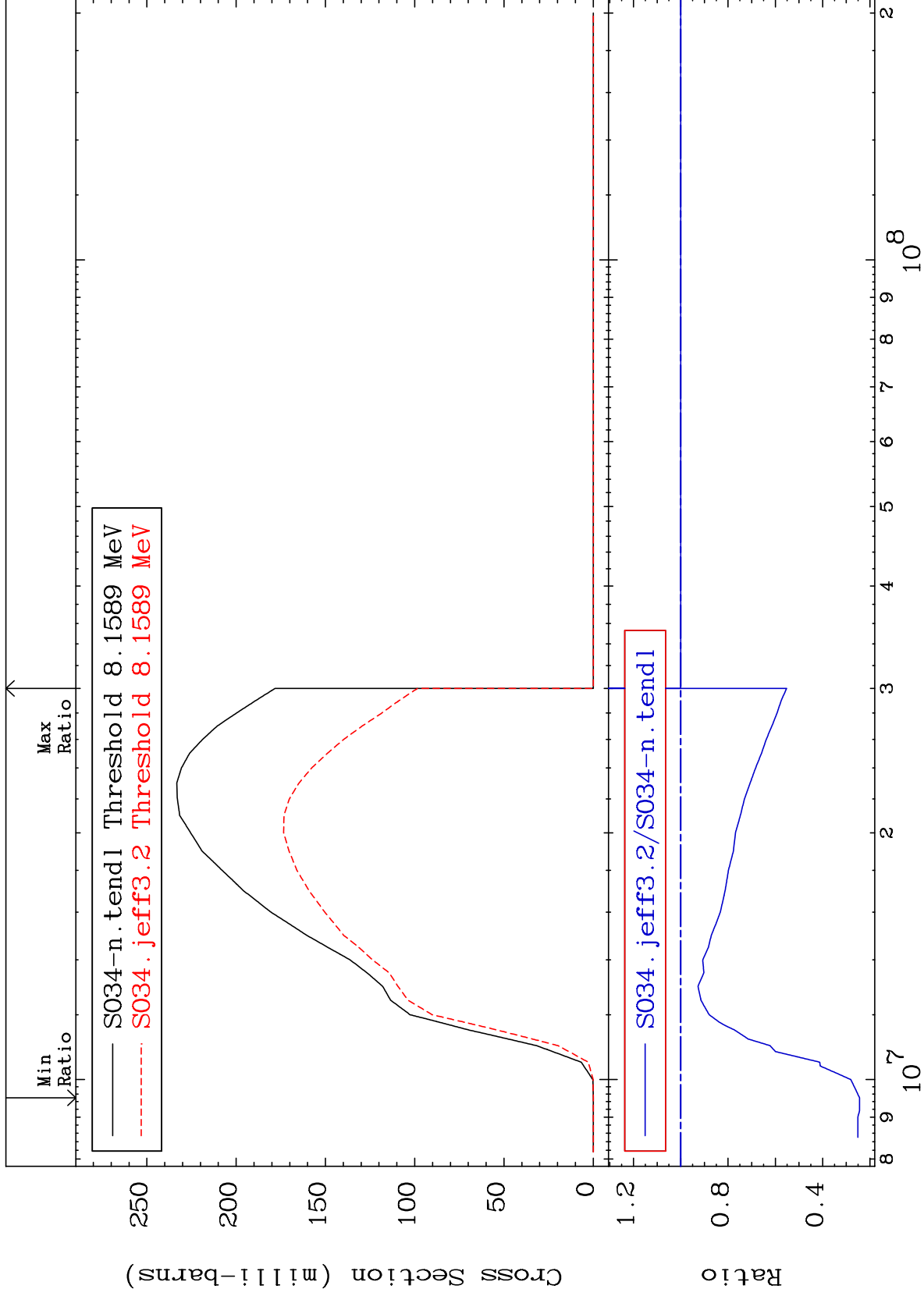
16-S -34

7

MAT 1631

(n,n') α
Cross Section

16-S -34
-75.60 To 0.000 %

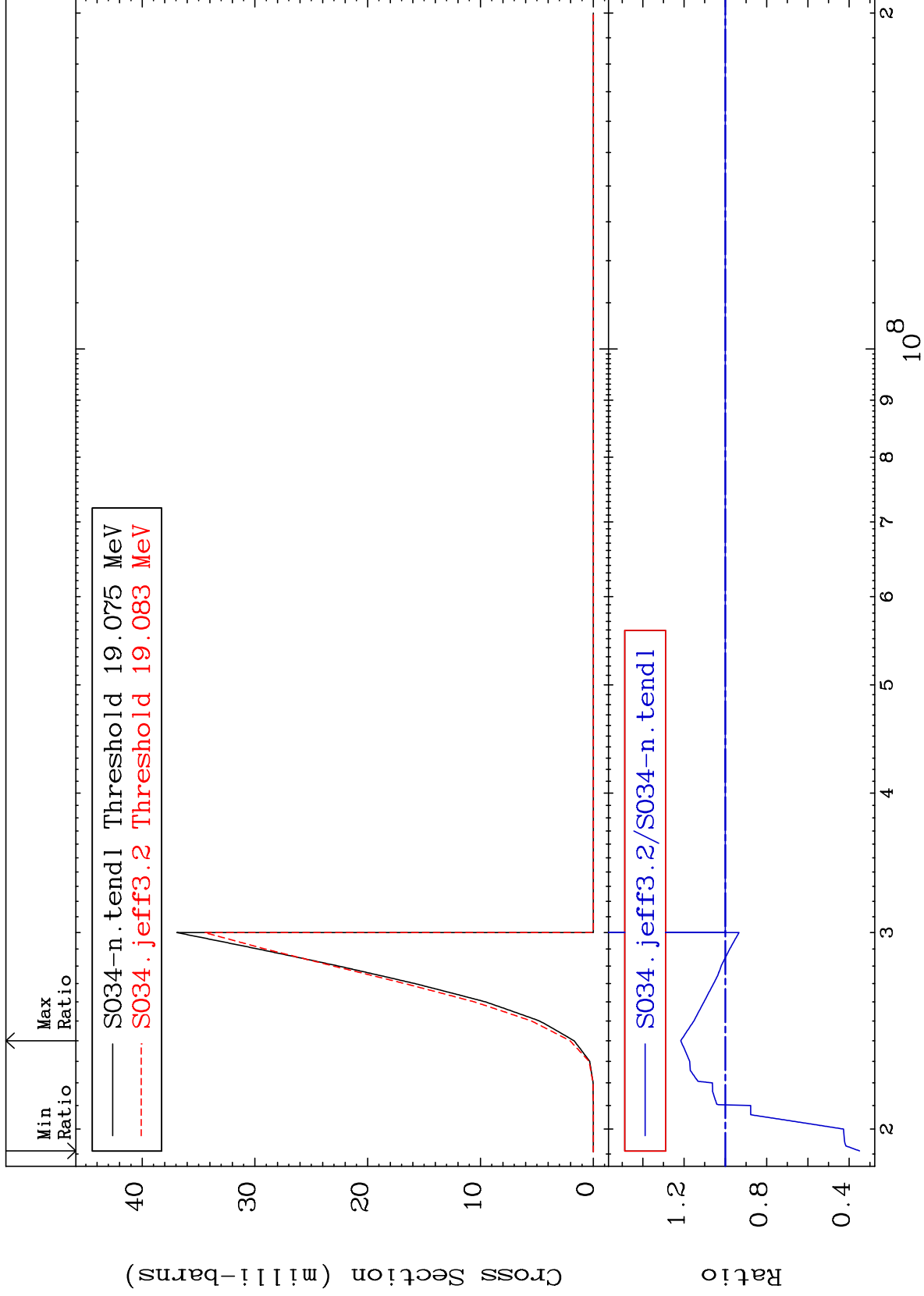


16-S -34

MAT 1631

(n,2n) α
Cross Section

16-S -34
-65.01 To 21.61 %



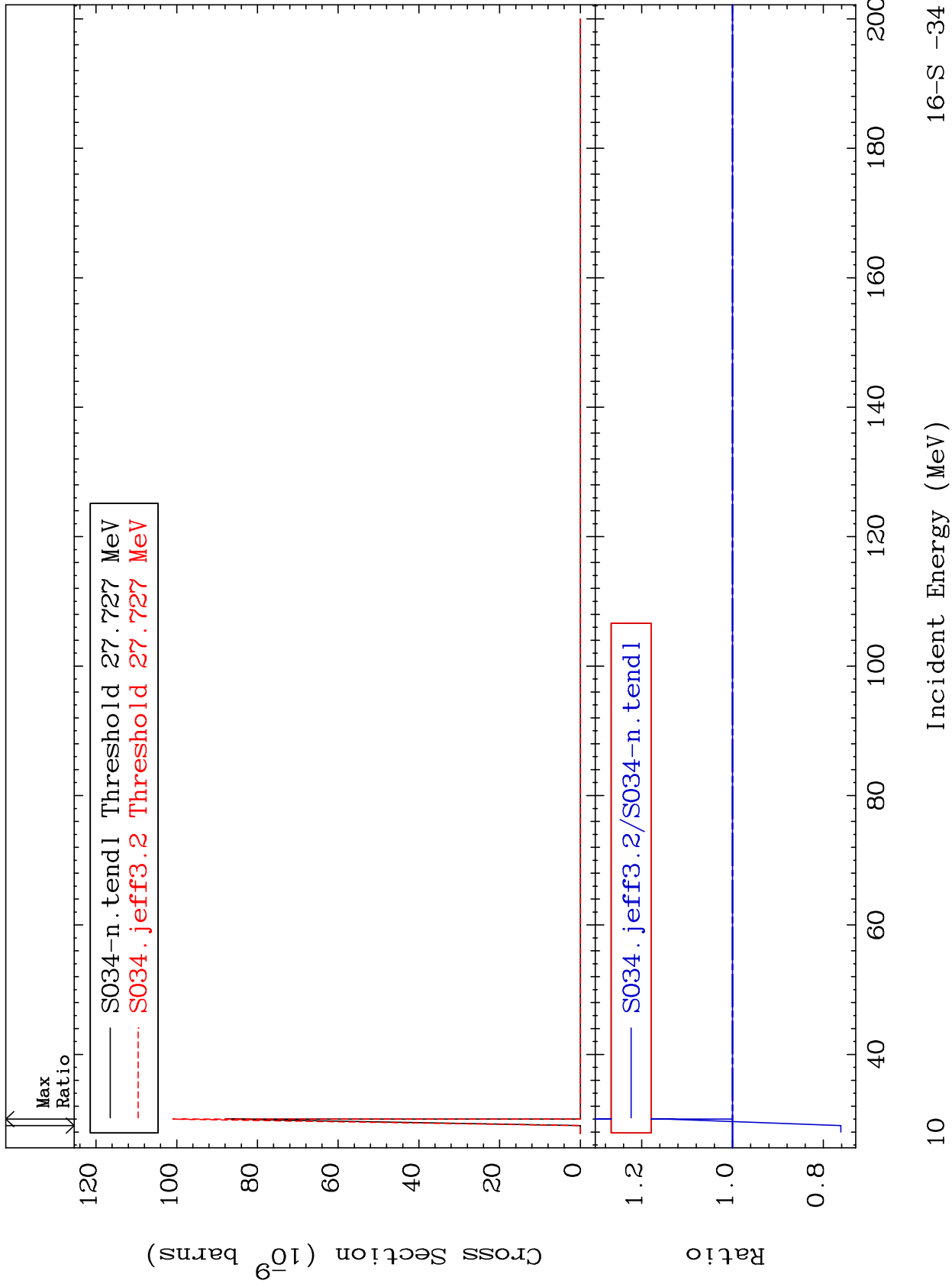
9

16-S -34

MAT 1631

(n,3n) α
Cross Section

16-S -34
-23.84 To 14.66 %



10

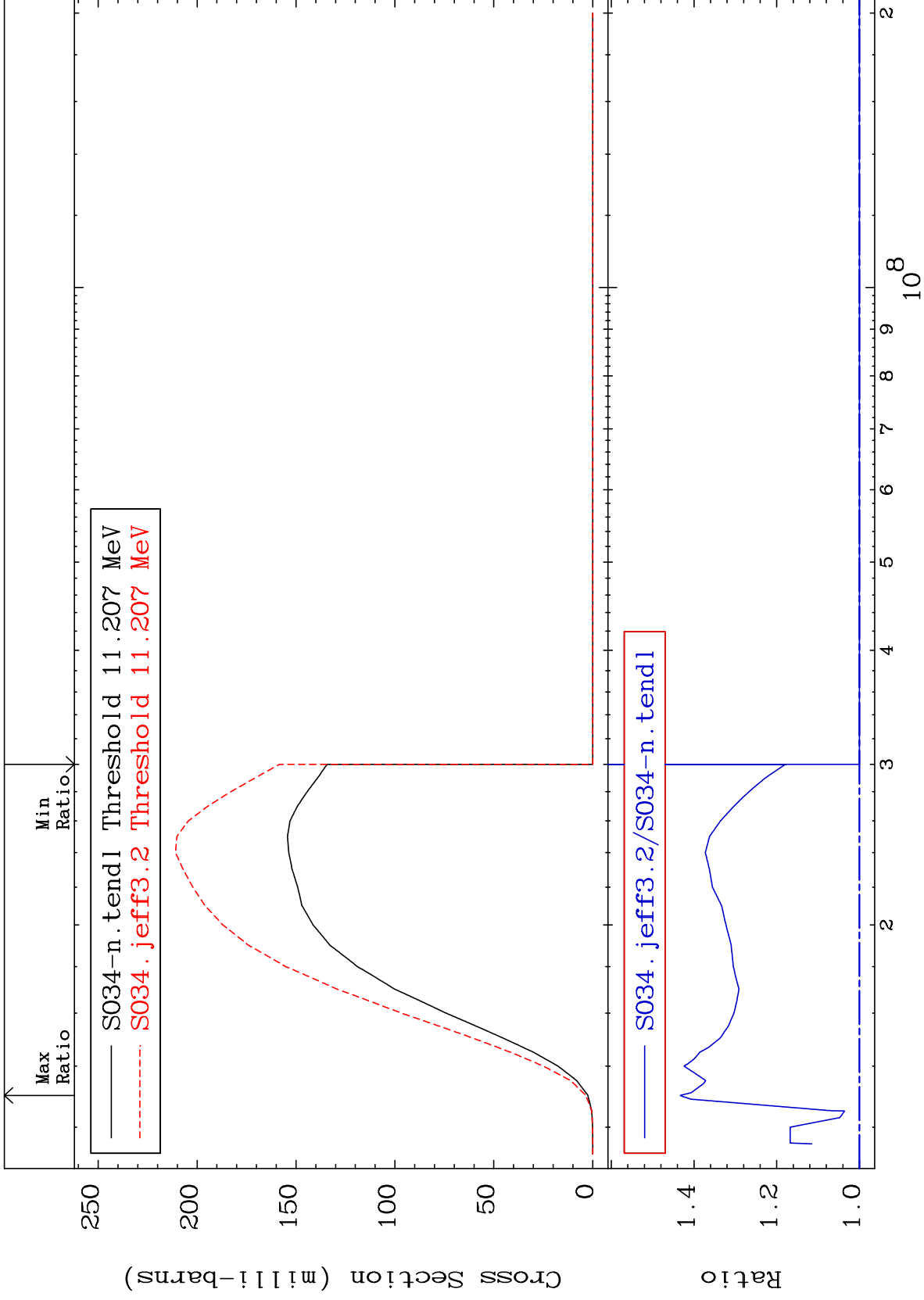
Incident Energy (MeV)

16-S -34

MAT 1631

(n,n') p
Cross Section

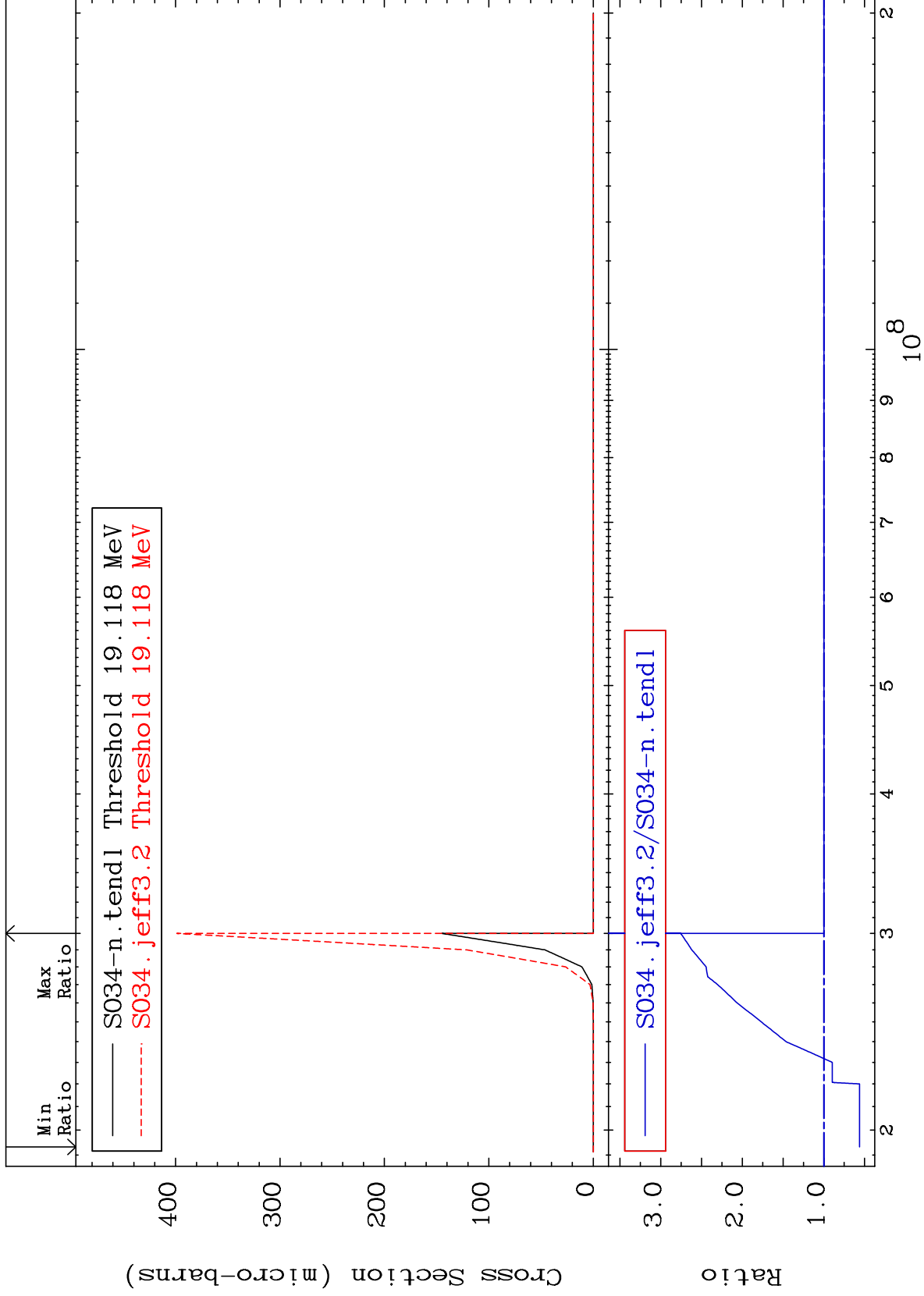
16-S -34
0.000 To 43.29 %



MAT 1631

(n, n') 2α
Cross Section

16-S -34
-43.77 To 175.4 %



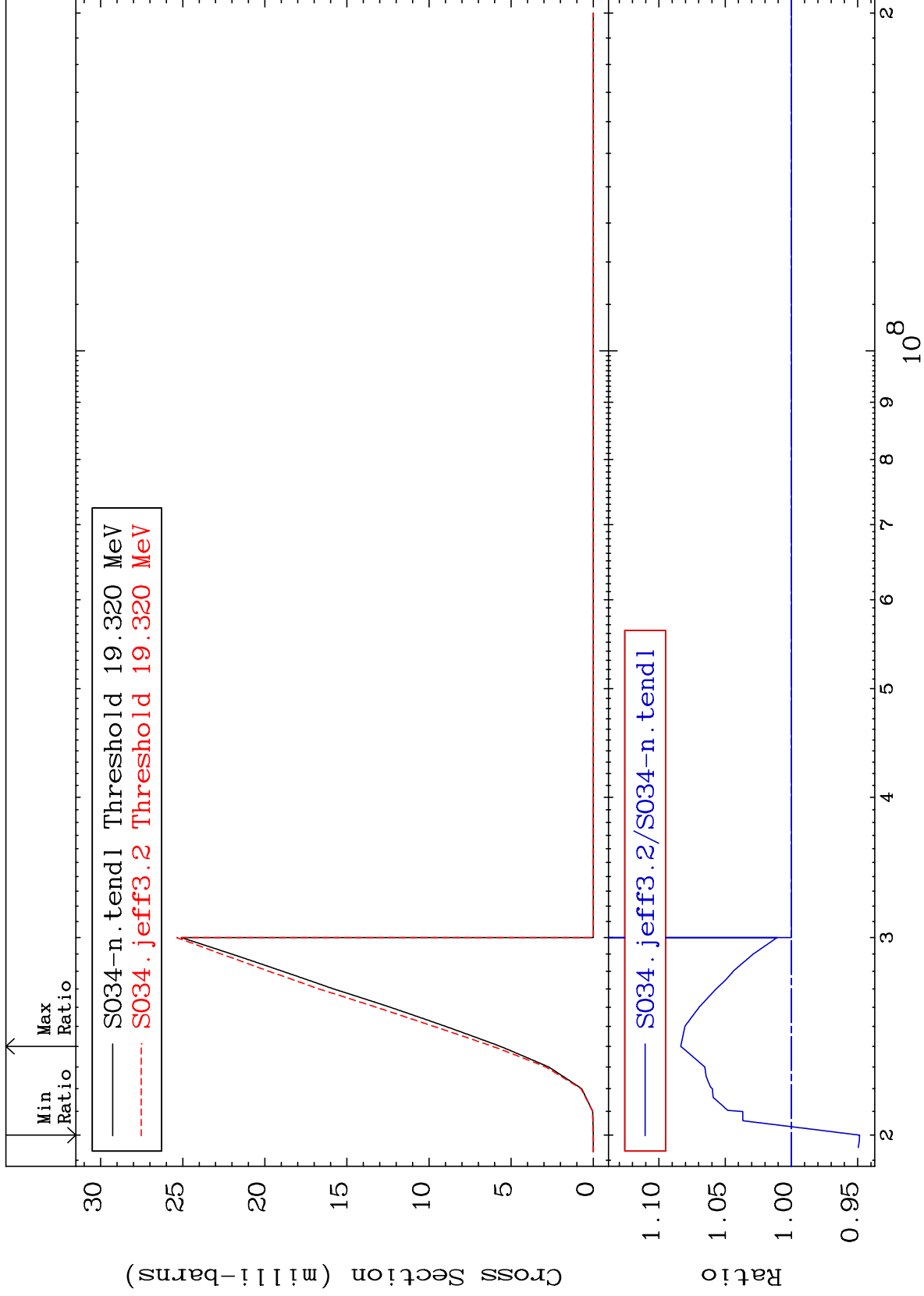
12

16-S -34

MAT 1631

(n,n') d
Cross Section

16-S -34
-5.142 To 8.354 %



13

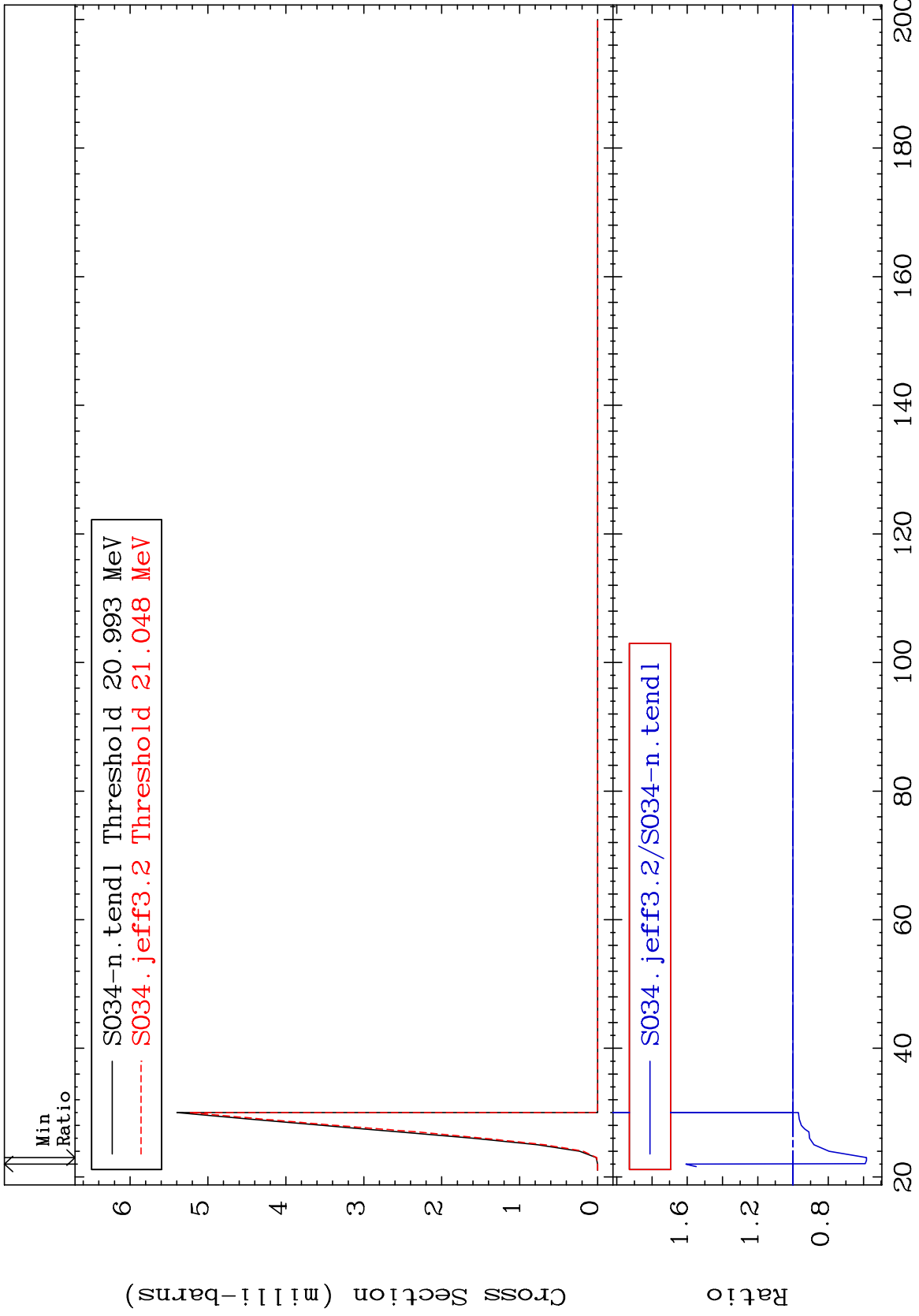
Incident Energy (eV)

16-S -34

MAT 1631

(n,n') t
Cross Section

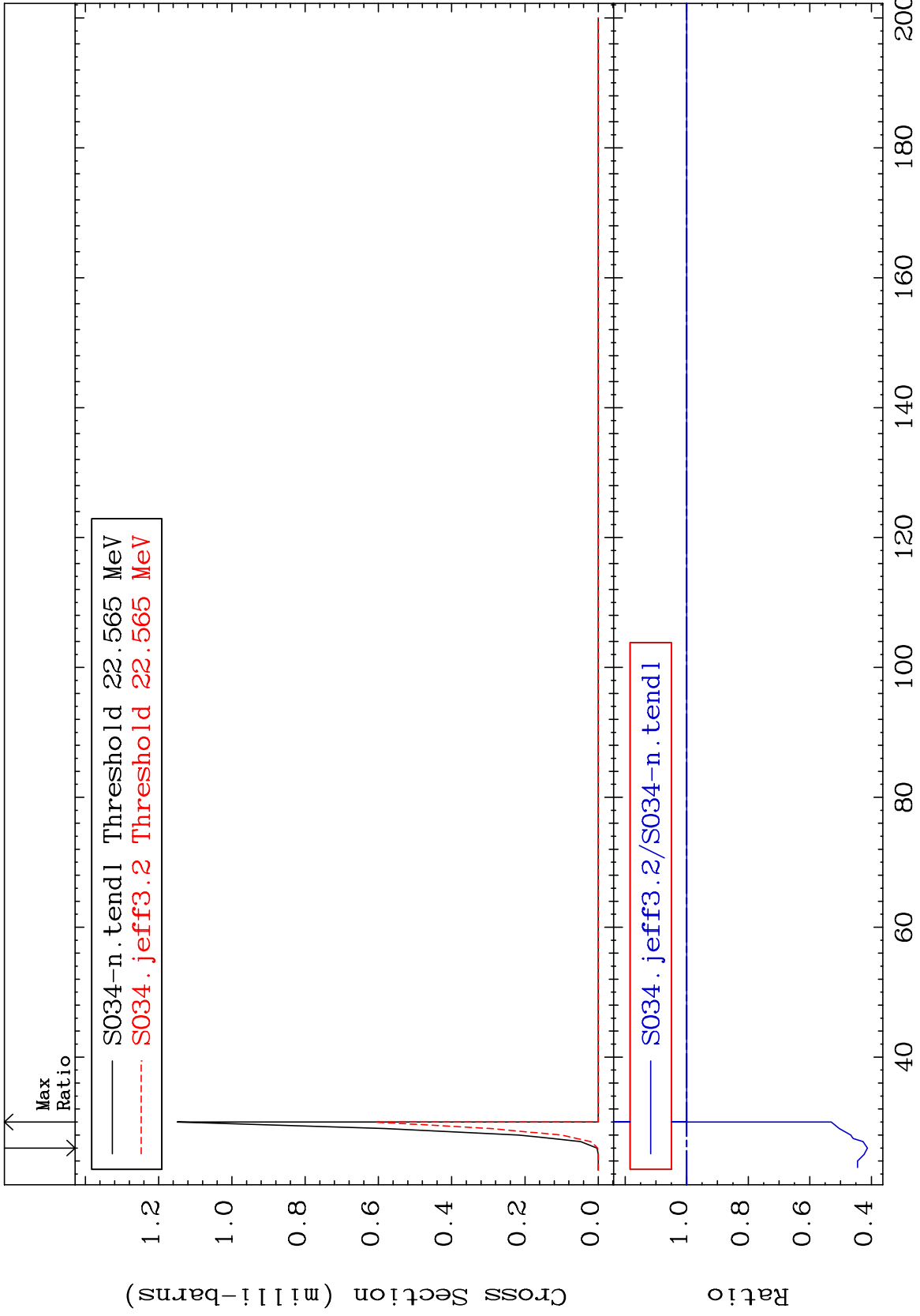
16-S -34
-41.72 To 60.72 %



MAT 1631

(n, n') He-3
Cross Section

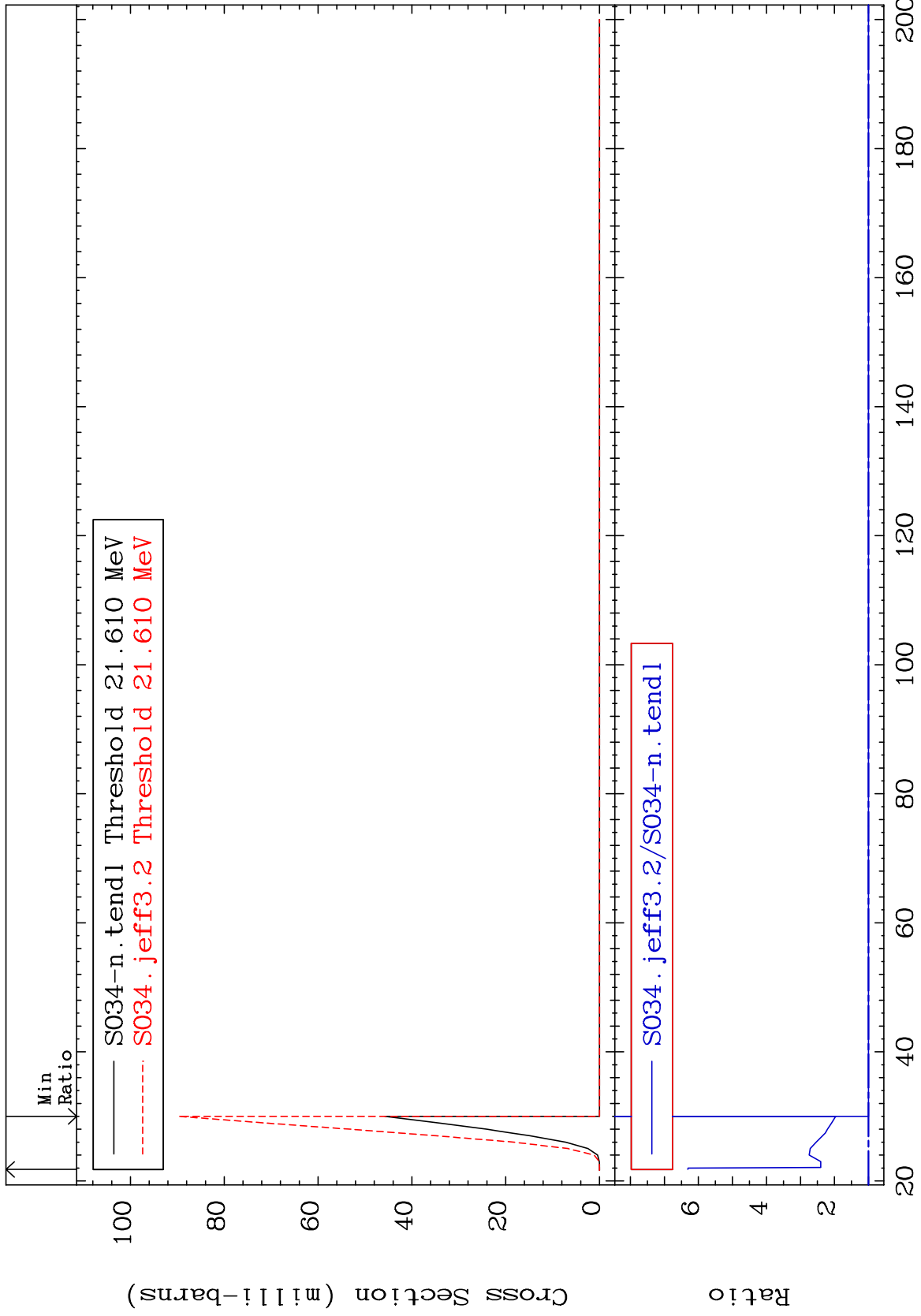
16-S -34
-58.73 To 0.000 %



MAT 1631

(n,2n) p
Cross Section

16-S -34
0.000 To 531.1 %



16

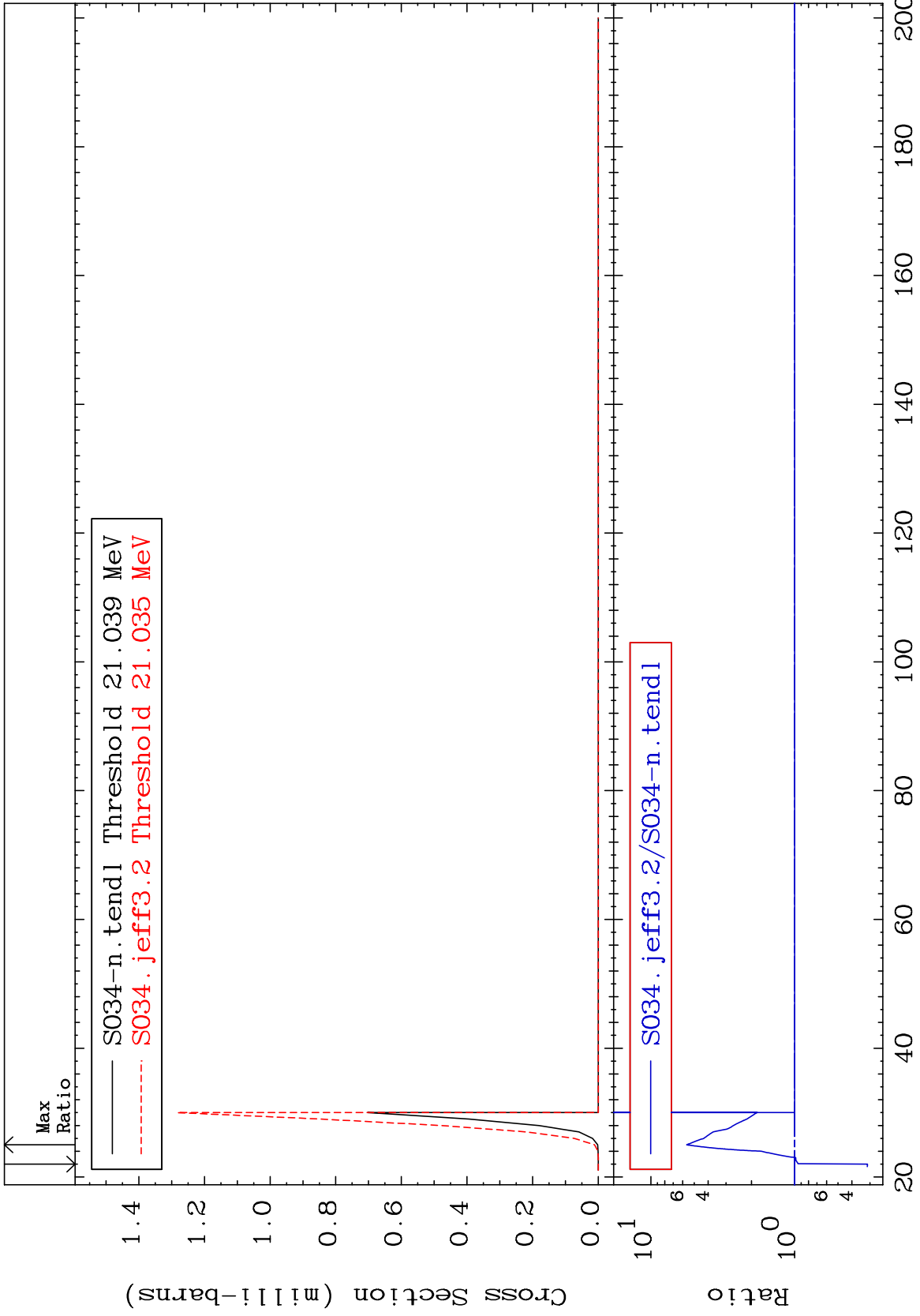
Incident Energy (MeV)

16-S -34

MAT 1631

(n,2n) p
Cross Section

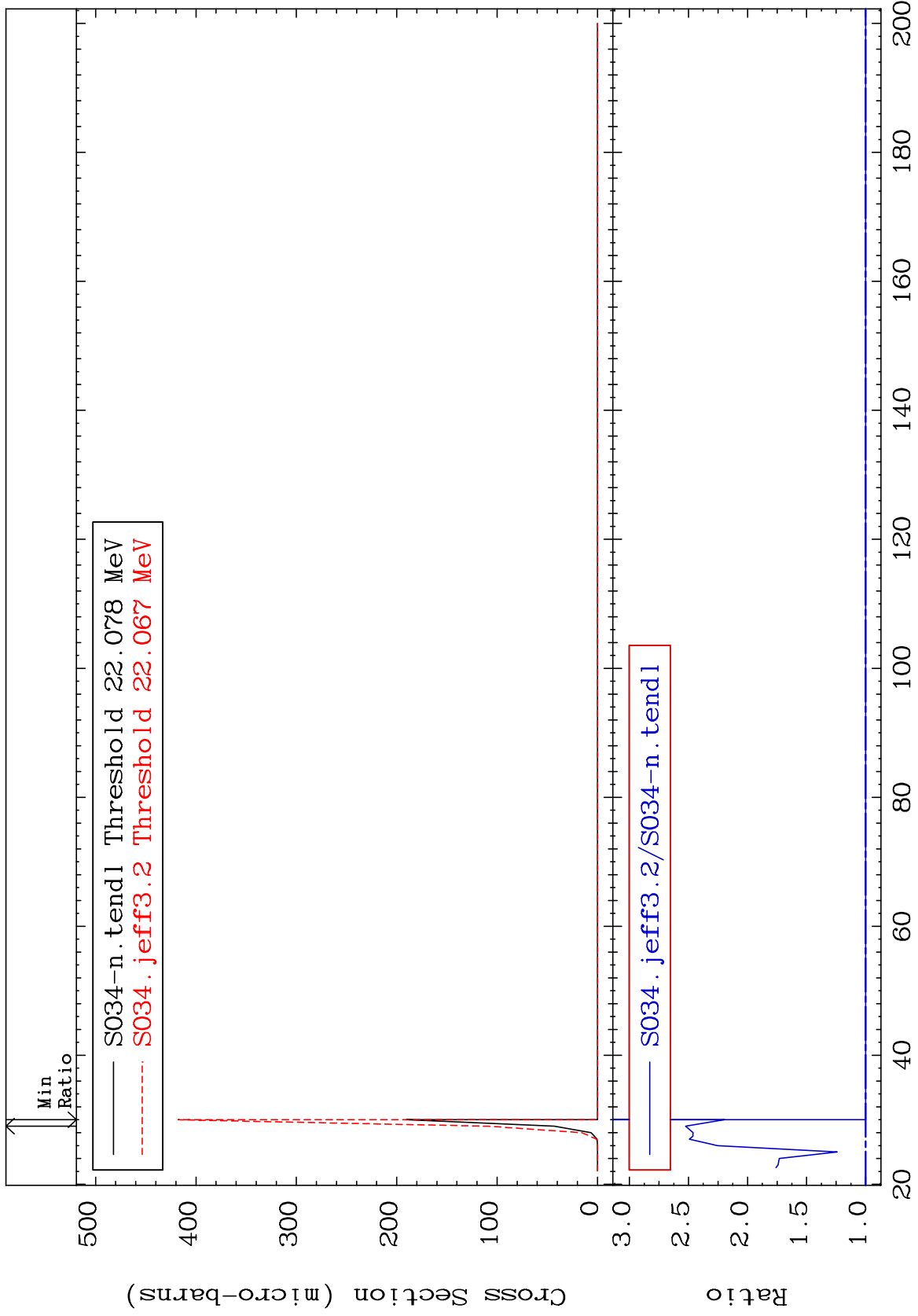
16-S -34
-68.81 To 463.3 %



MAT 1631

(n,n') p α
Cross Section

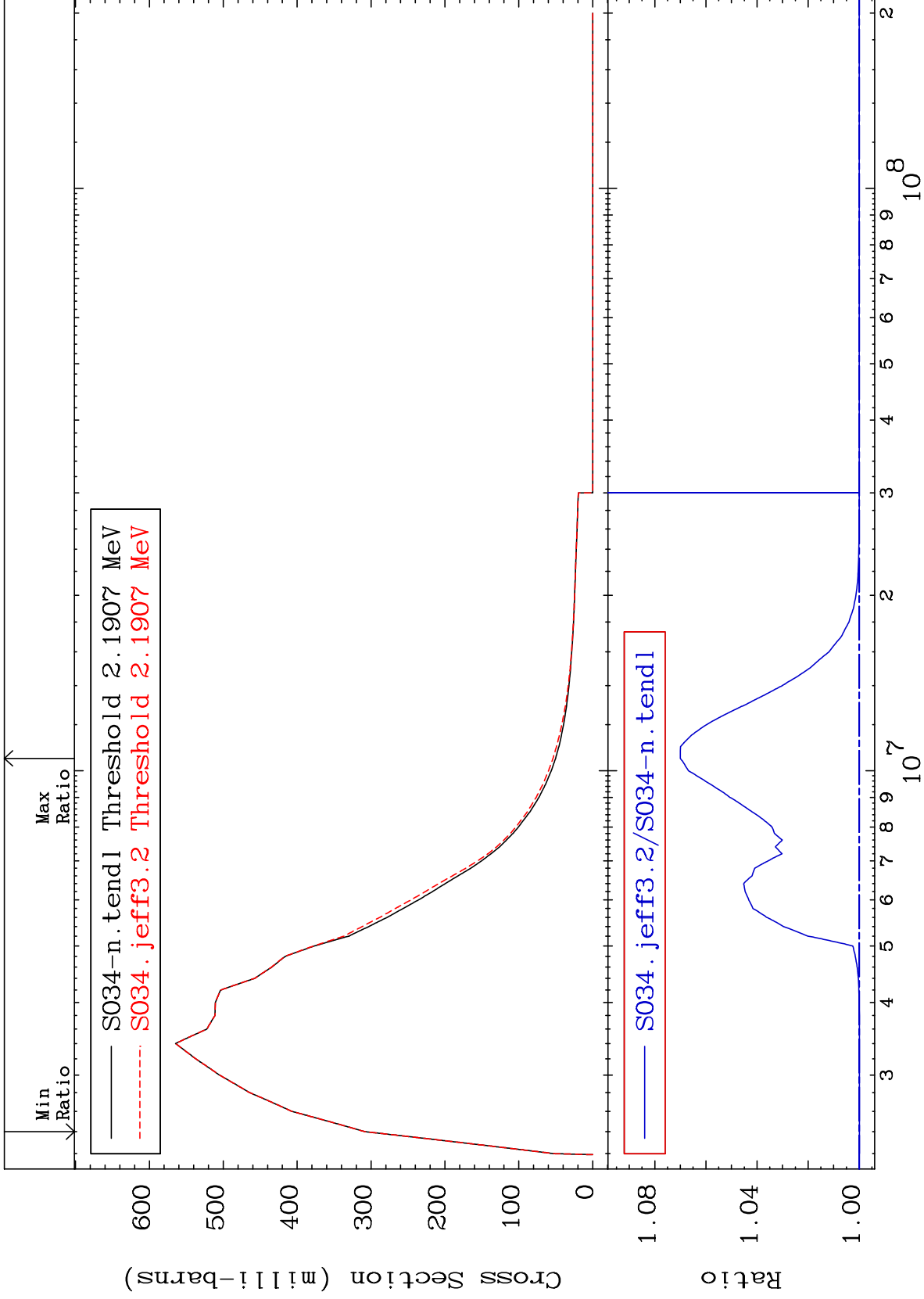
16-S -34
0.000 To 152.4 %



MAT 1631

2.128 MeV (n,n') Level
Cross Section

16-S -34
-0.010 To 7.000 %



19

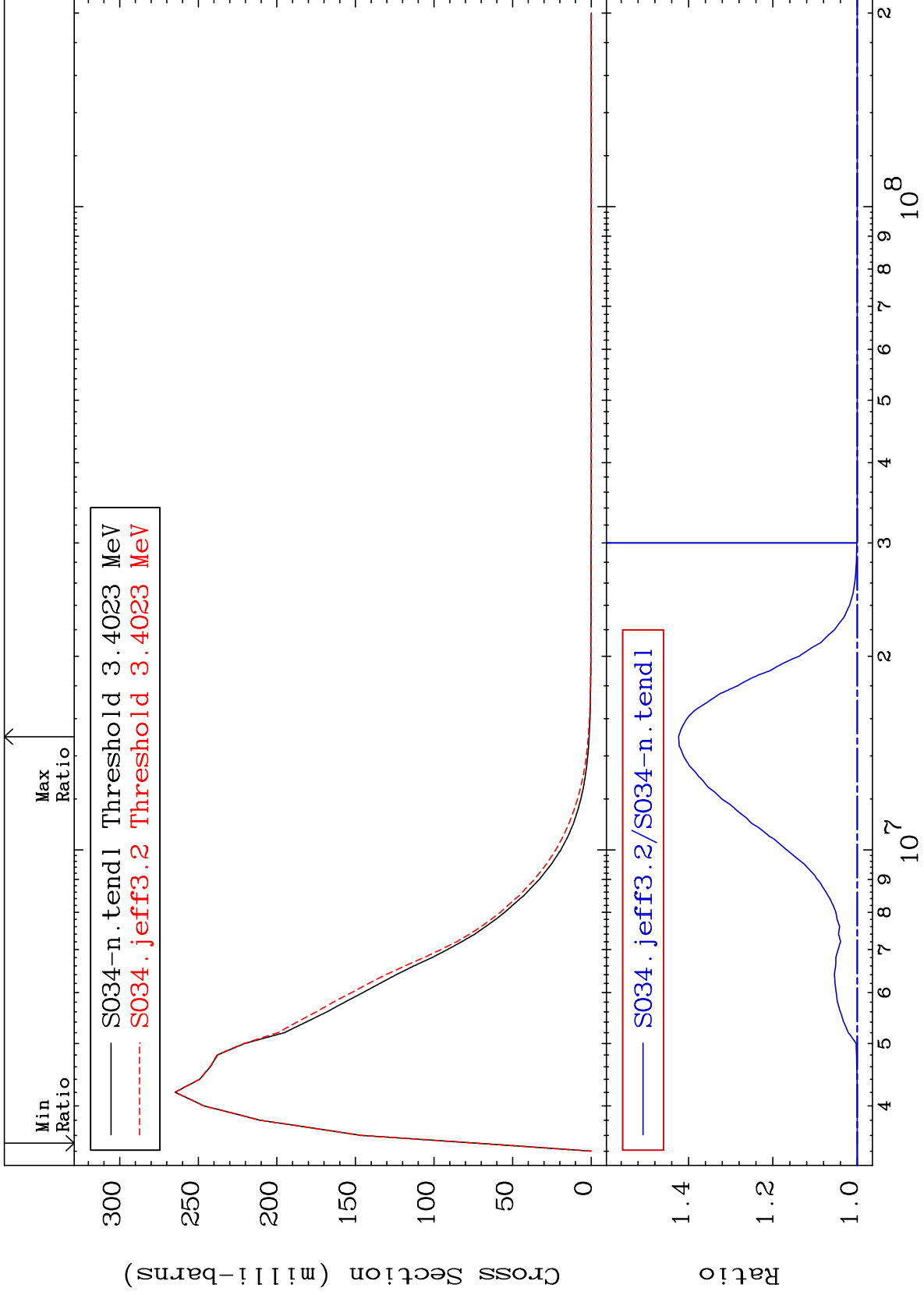
Incident Energy (eV)

16-S -34

MAT 1631

3.304 MeV (n,n') Level
Cross Section

16-S -34
-0.008 To 42.36 %



20

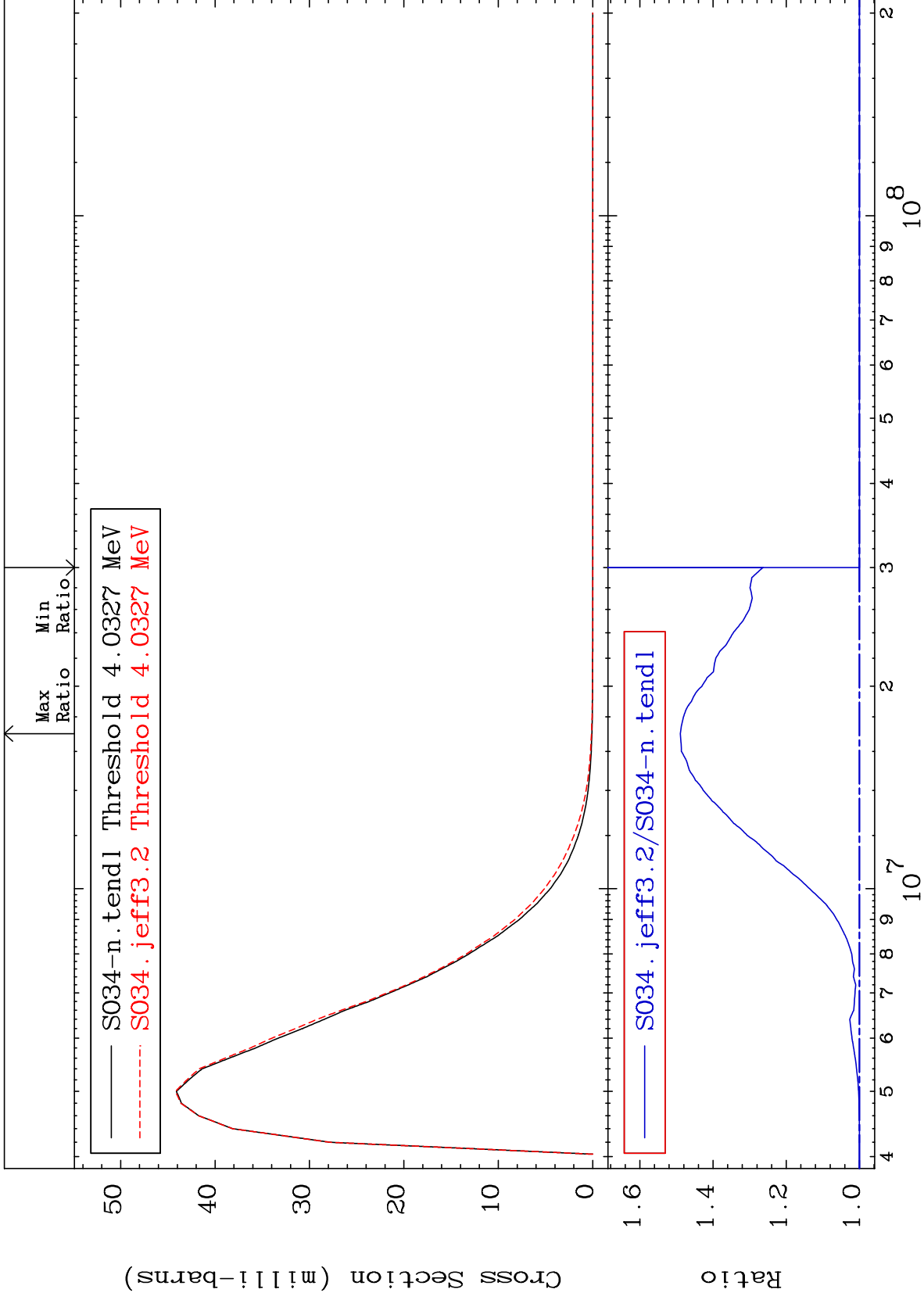
Incident Energy (eV)

16-S -34

MAT 1631

3.916 MeV (n,n') Level
Cross Section

16-S -34
0.000 To 48.93 %



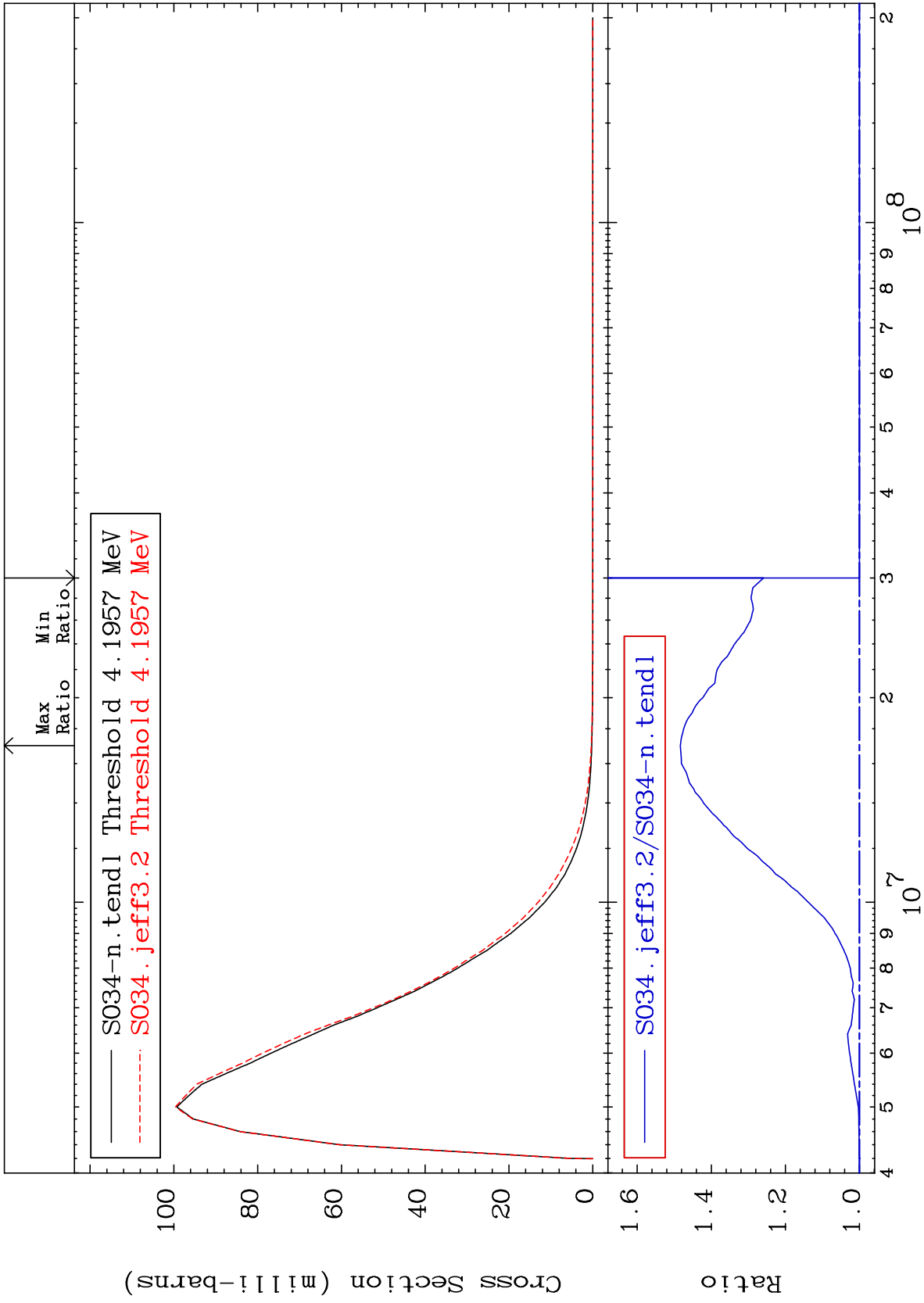
21

16-S -34

MAT 1631

4.075 MeV (n,n') Level
Cross Section

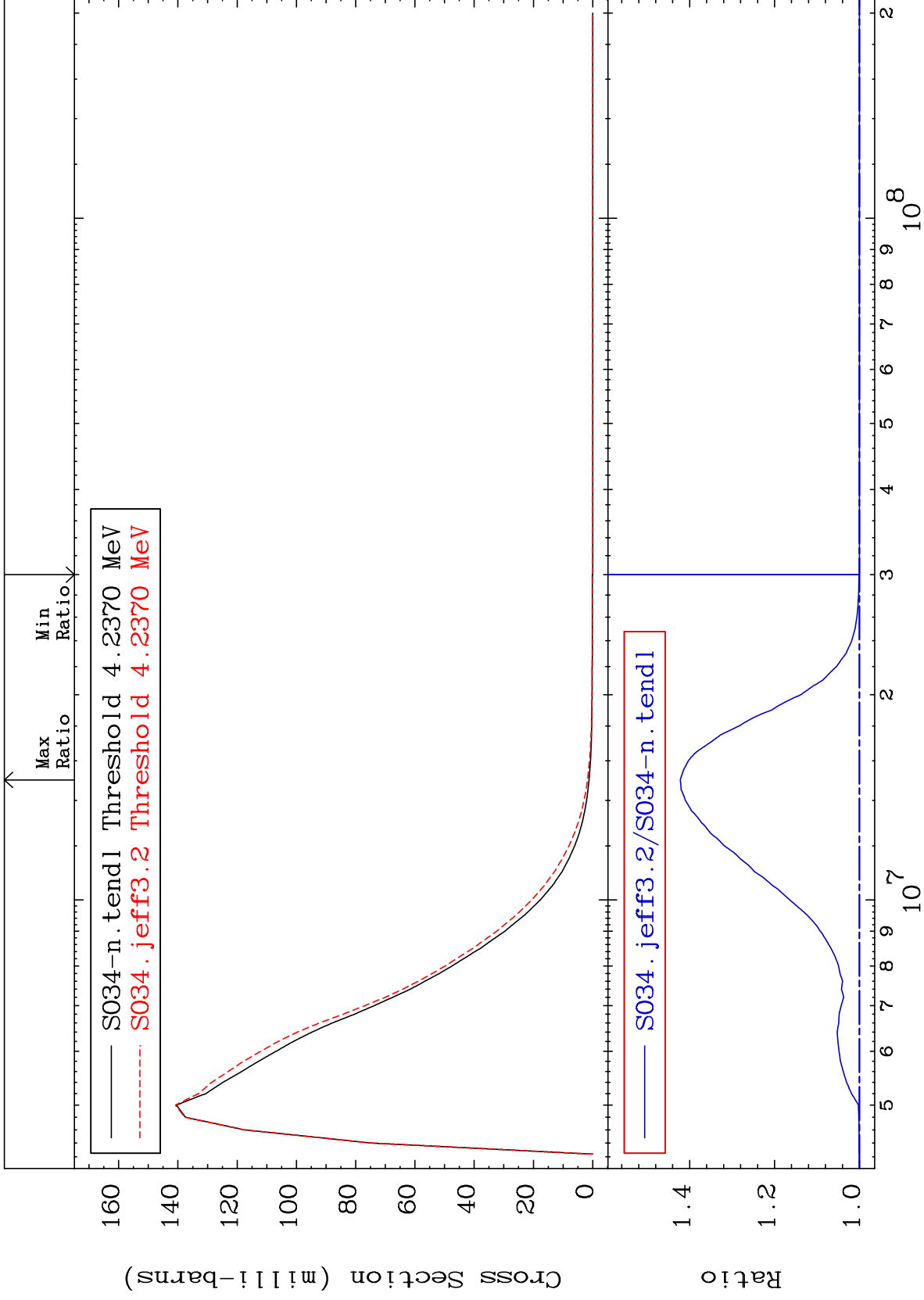
16-S -34
0.000 To 48.35 %



MAT 1631

4.115 MeV (n,n') Level
Cross Section

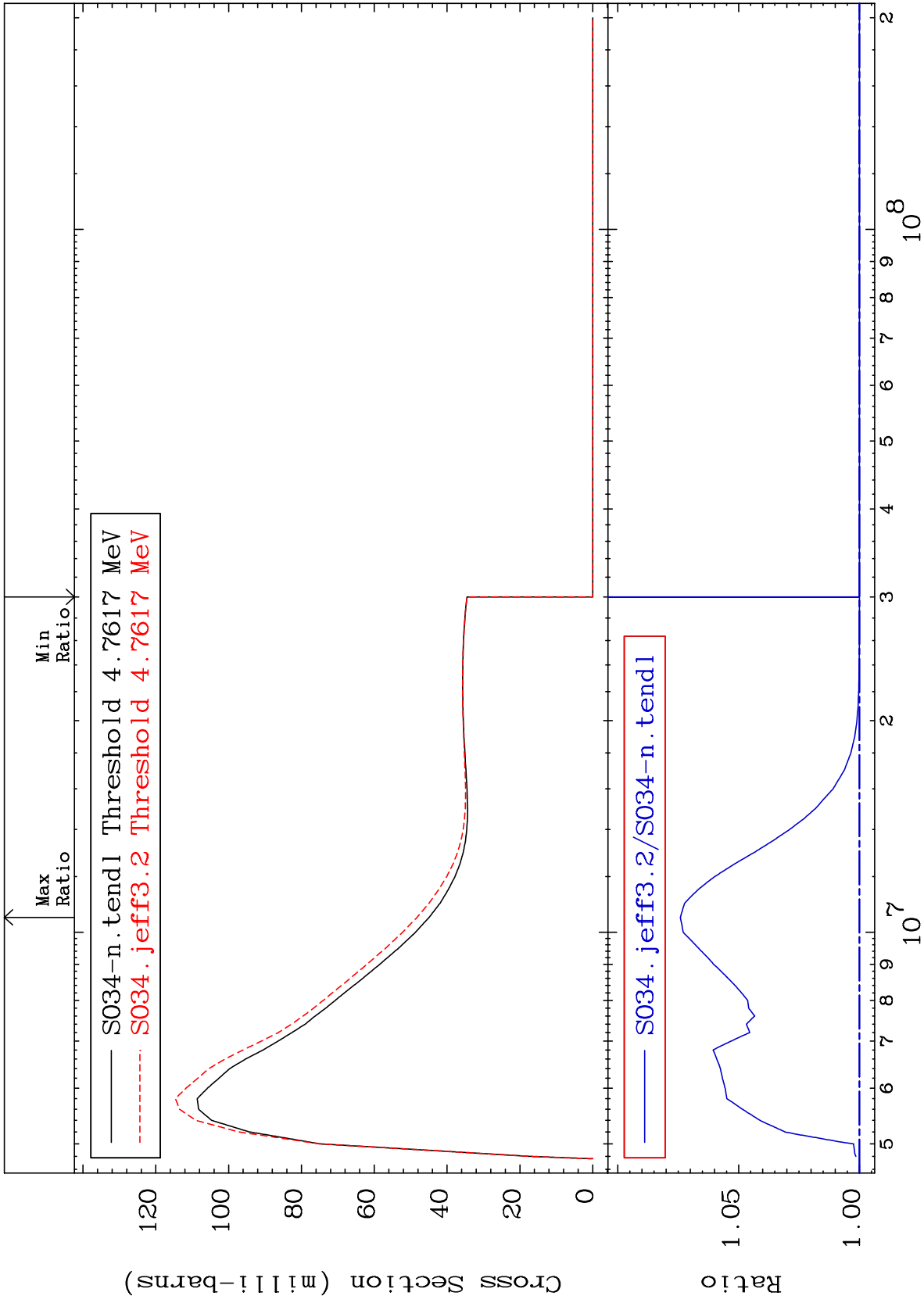
16-S -34
0.000 To 42.19 %



MAT 1631

4.624 MeV (n,n') Level
Cross Section

16-S -34
0.000 To 7.410 %



24

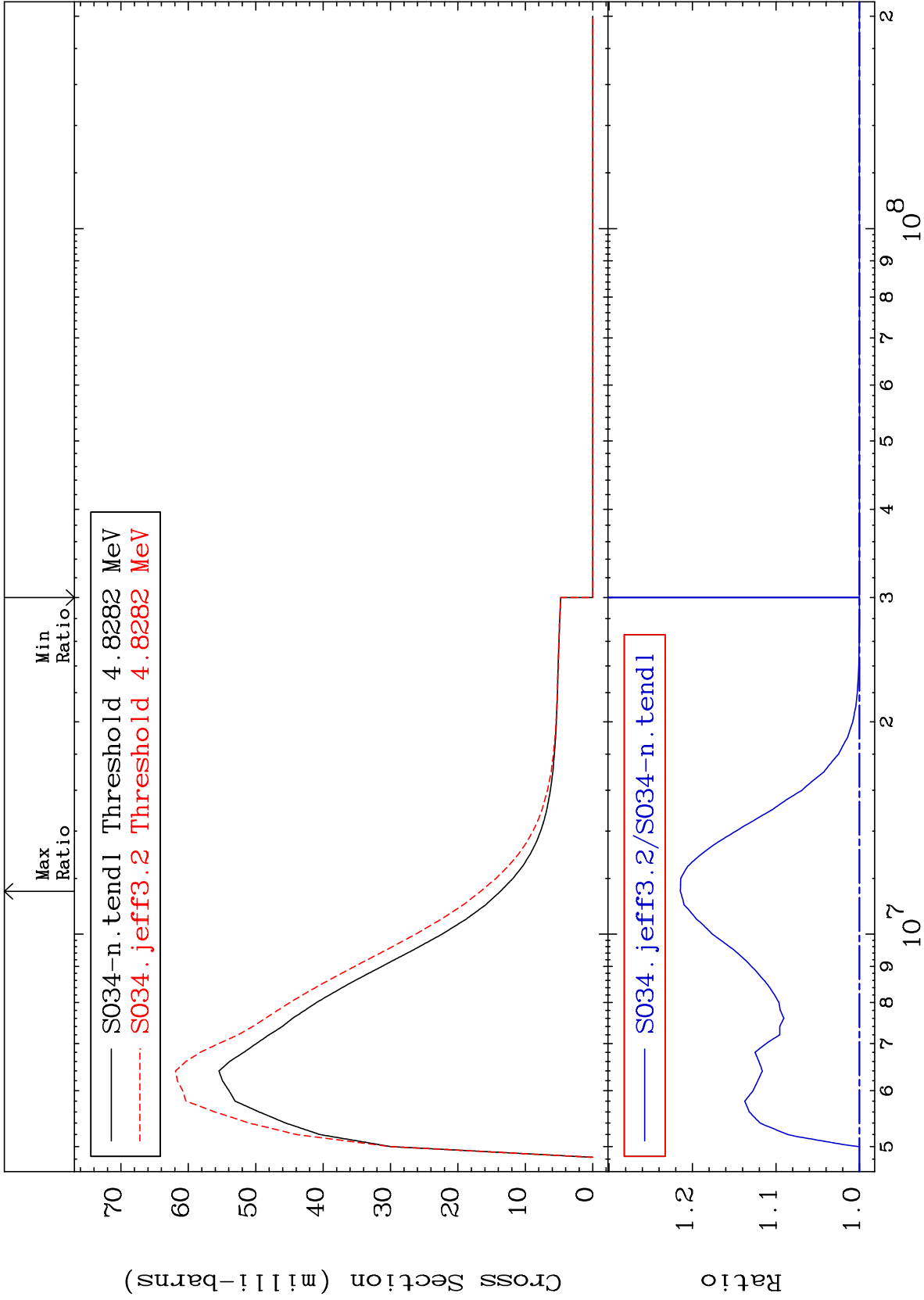
Incident Energy (eV)

16-S -34

MAT 1631

4.689 MeV (n,n') Level
Cross Section

16-S -34
0.000 To 21.45 %



25

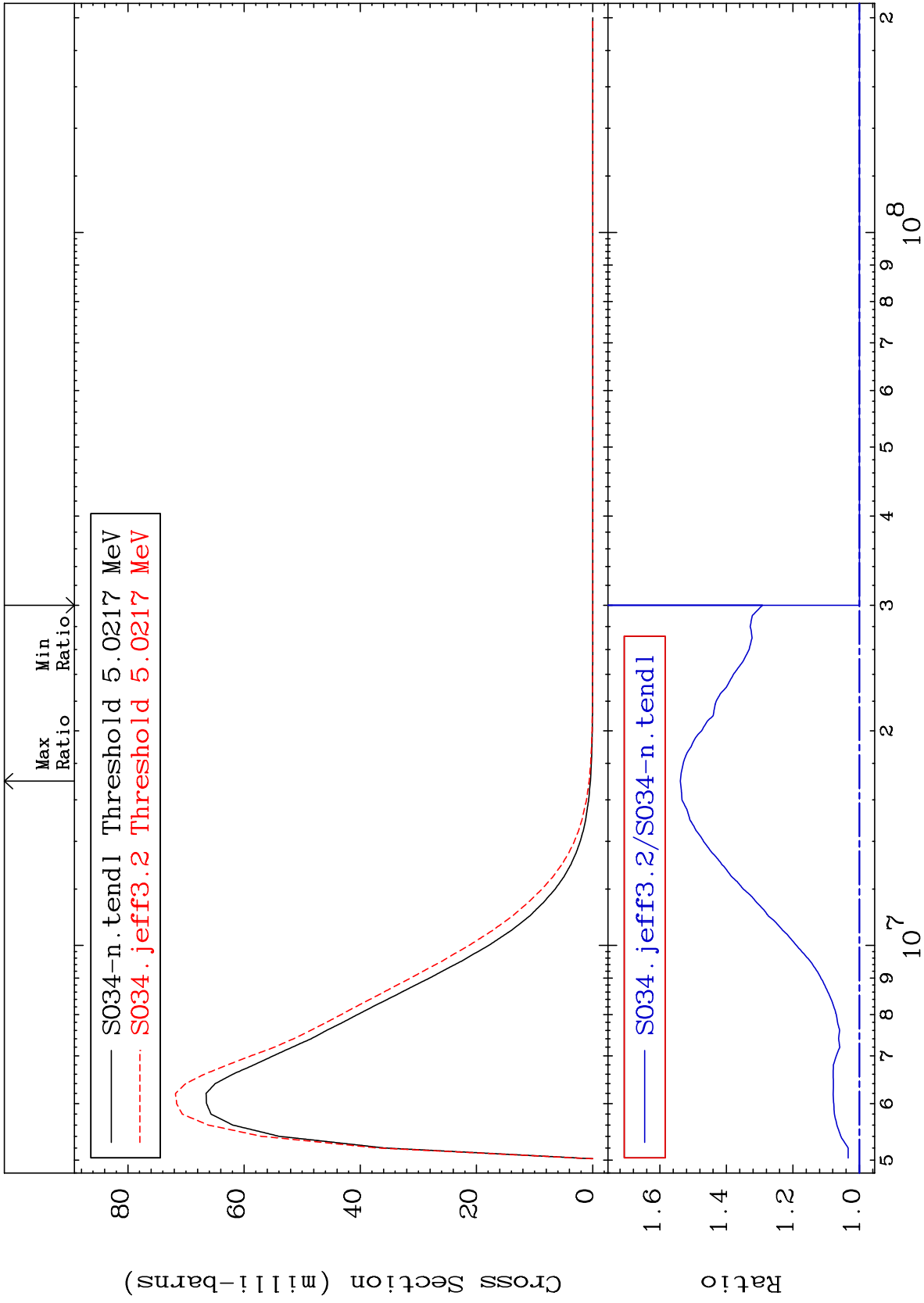
Incident Energy (eV)

16-S -34

MAT 1631

4.877 MeV (n,n') Level
Cross Section

16-S -34
0.000 To 53.86 %



26

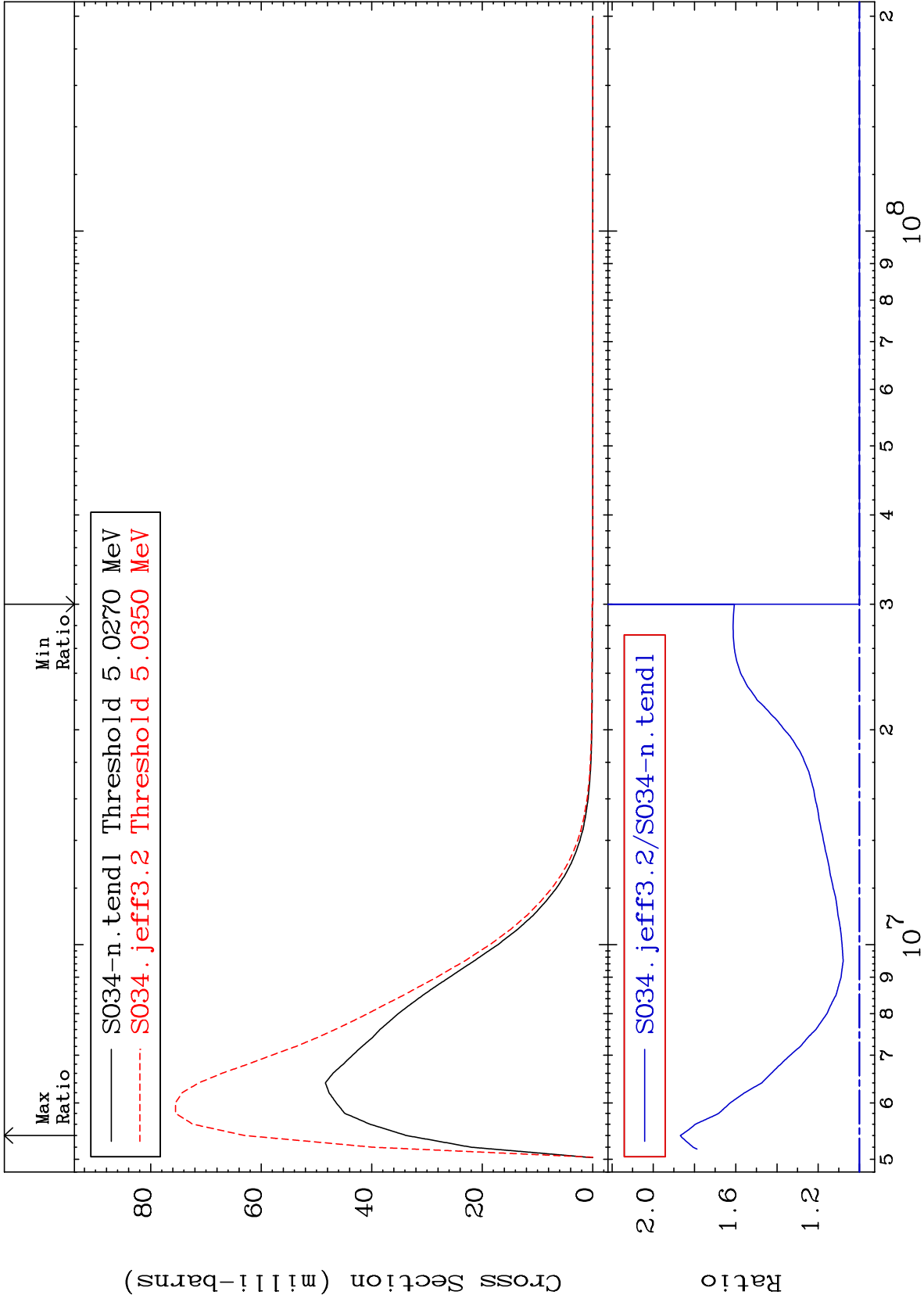
Incident Energy (eV)

16-S -34

MAT 1631

4.882 MeV (n,n') Level
Cross Section

16-S -34
0.000 To 86.86 %



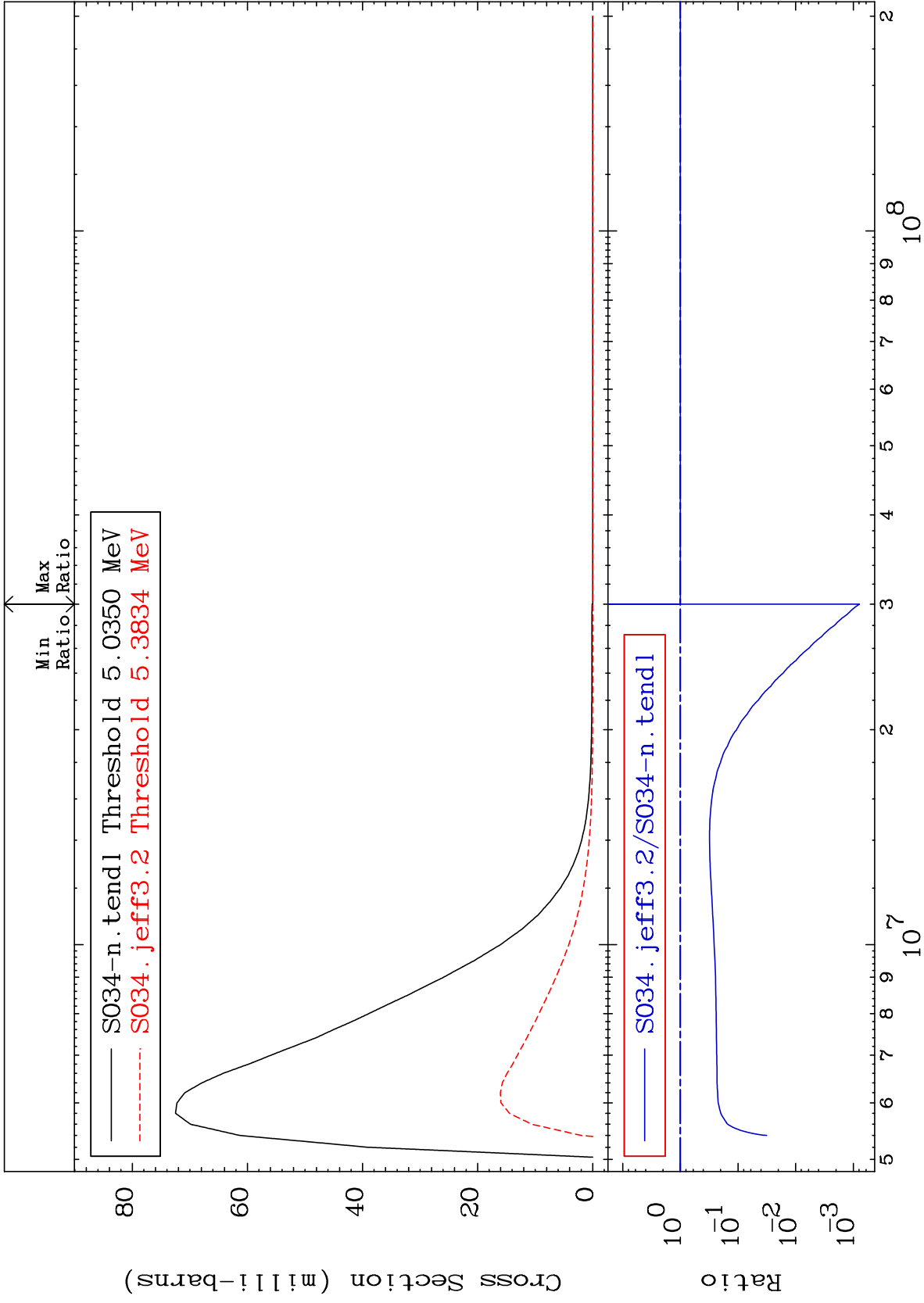
27

16-S -34

MAT 1631

4.890 MeV (n,n') Level
Cross Section

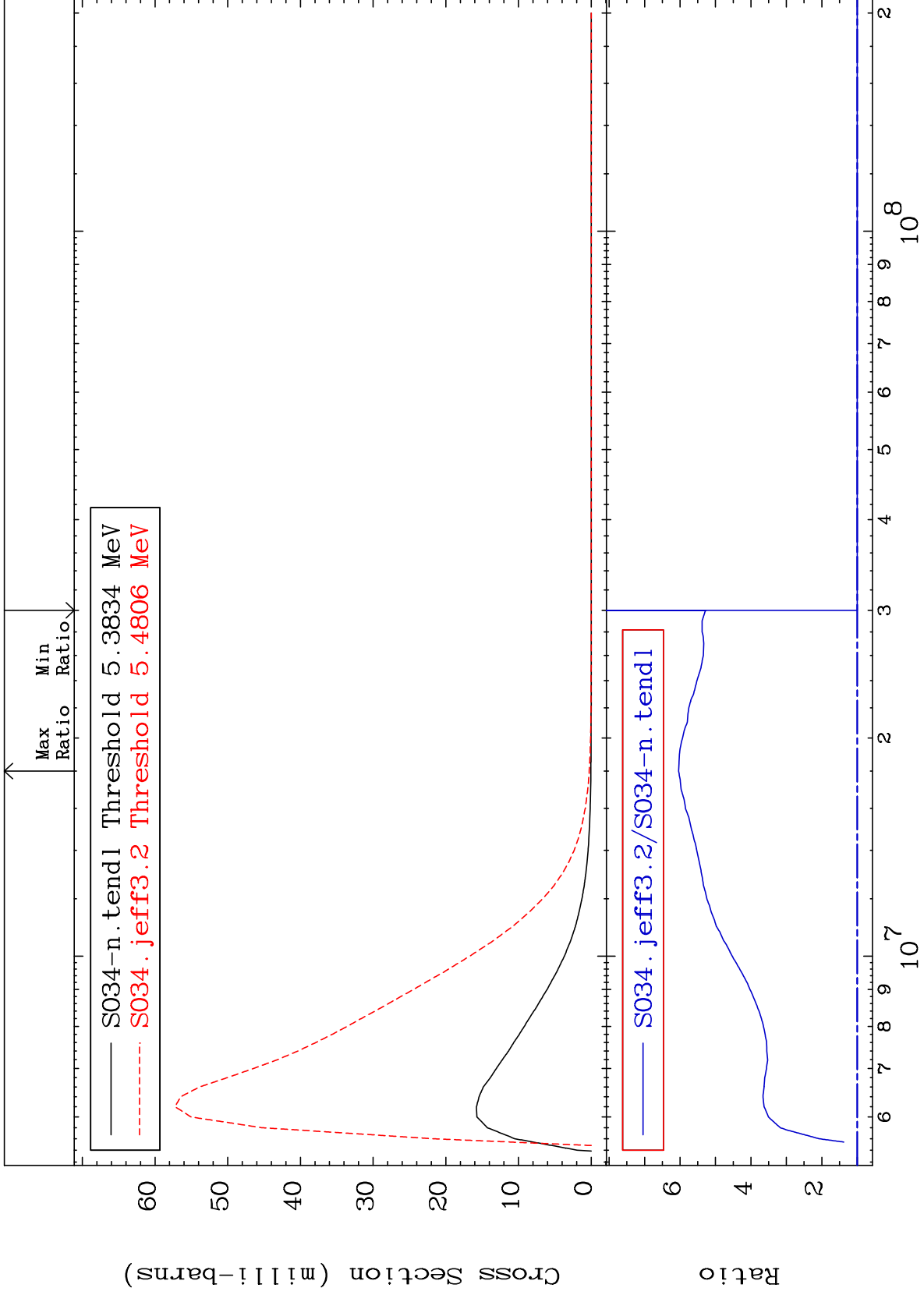
16-S -34
-99.92 To 0.000 %



MAT 1631

5.228 MeV (n,n') Level
Cross Section

16-S -34
0.000 To 503.9 %



29

Incident Energy (eV)

16-S -34

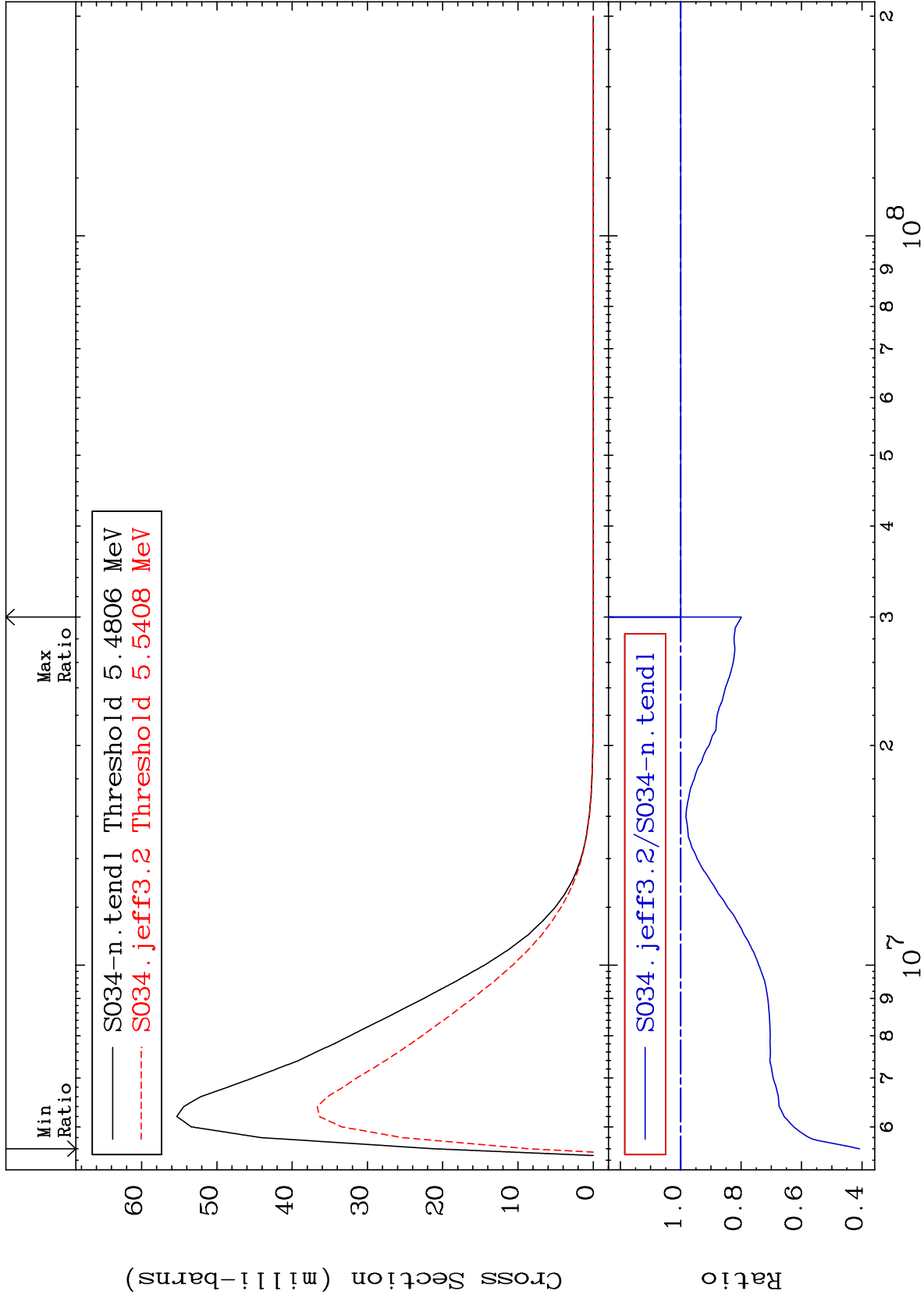
MAT 1631

5.323 MeV (n,n') Level

16-S -34

-59.20 To 0.000 %

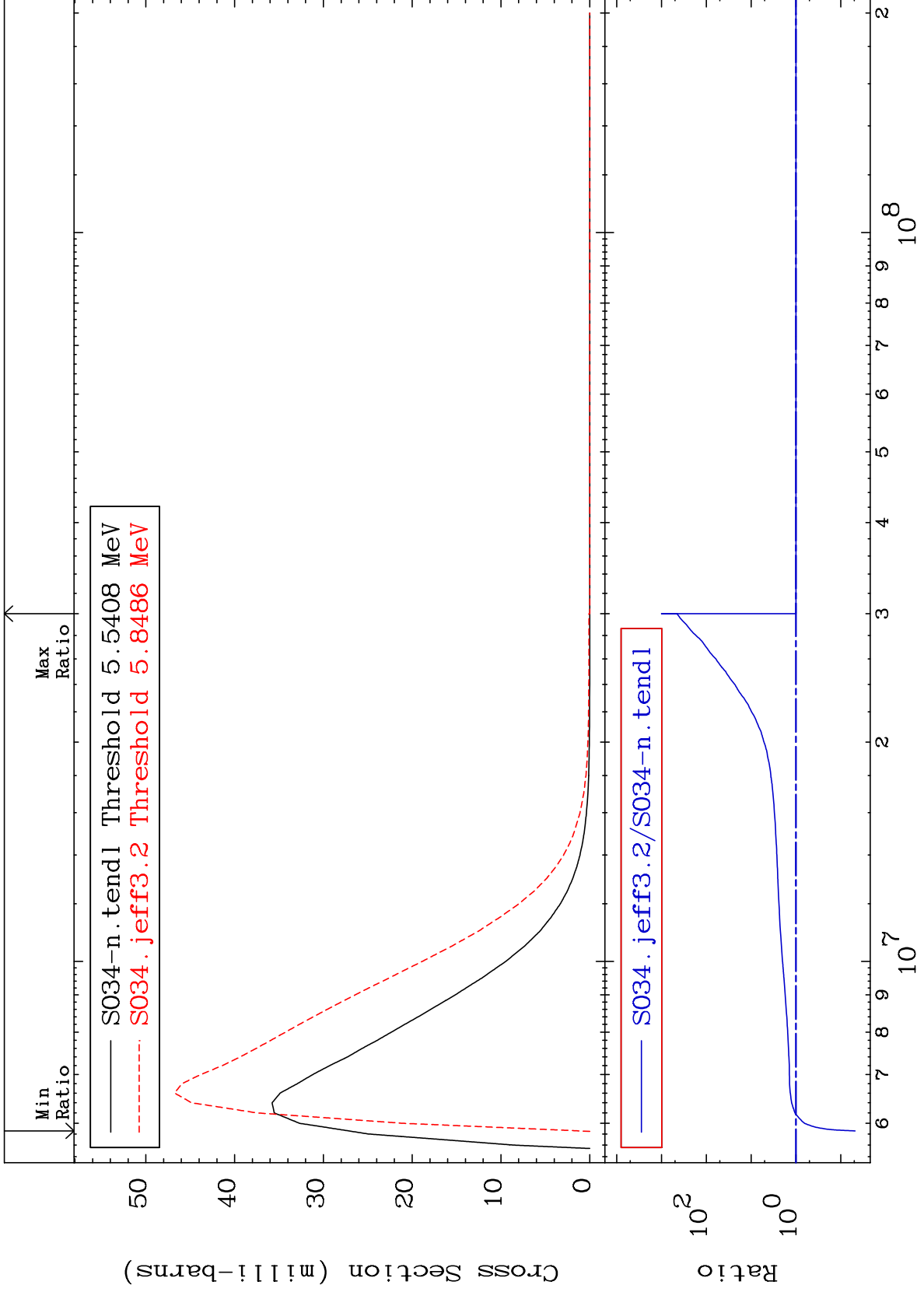
Cross Section



MAT 1631

5.381 MeV (n,n') Level
Cross Section

16-S -34
-95.20 To 9999. %



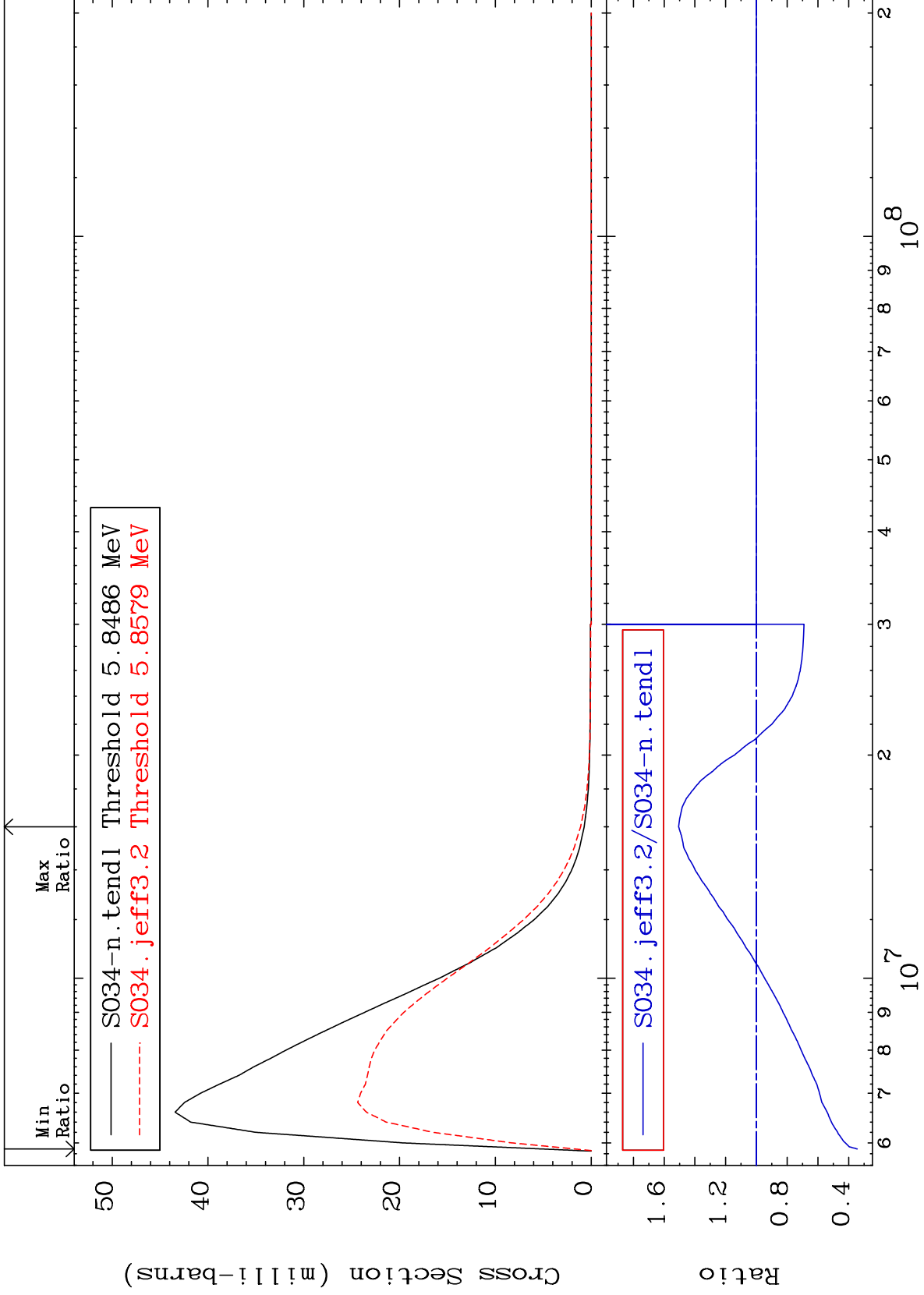
31

16-S -34

MAT 1631

5.680 MeV (n,n') Level
Cross Section

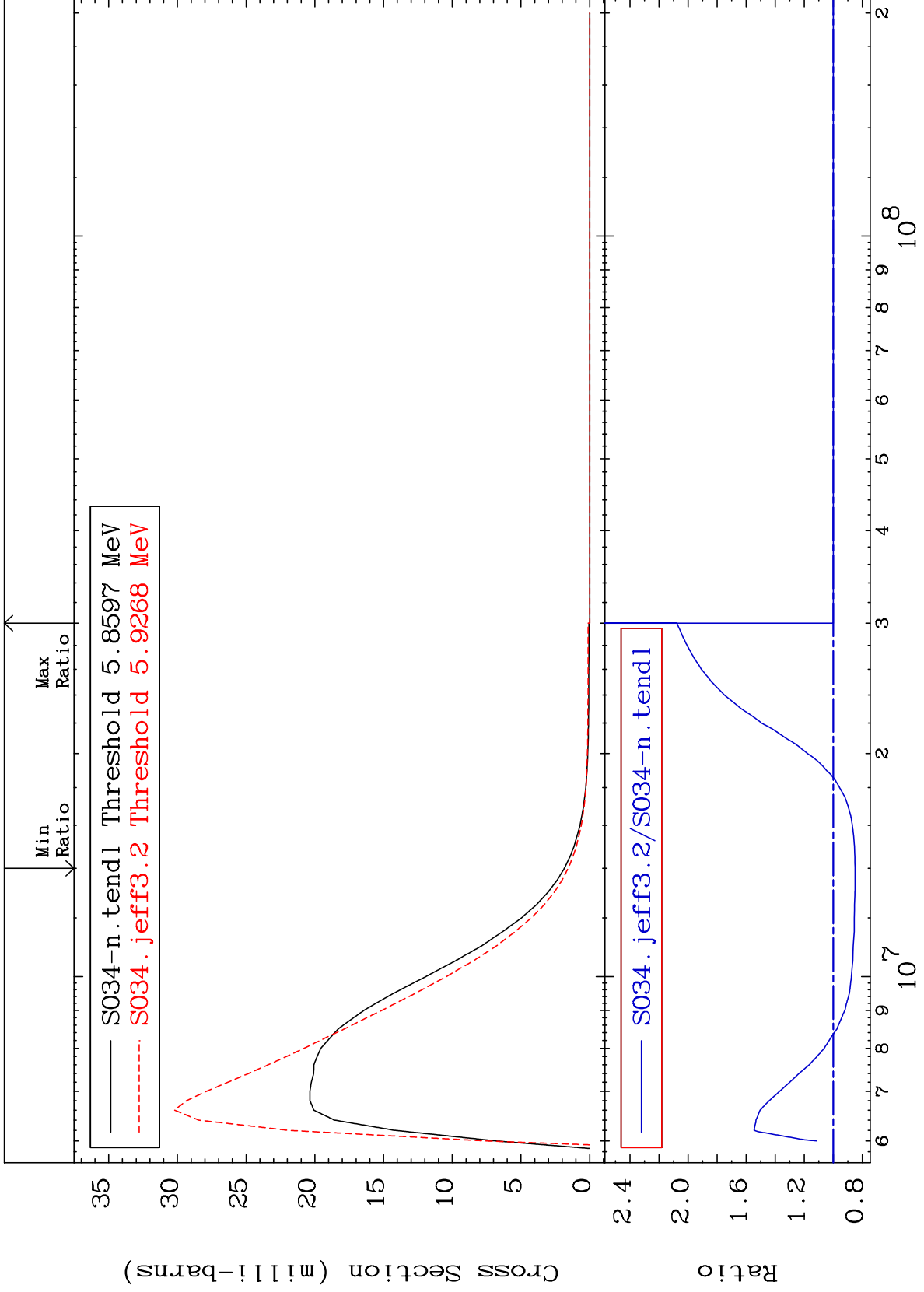
16-S -34
-65.55 To 50.58 %



MAT 1631

5.691 MeV (n,n') Level
Cross Section

16-S -34
-15.01 To 107.7 %



33

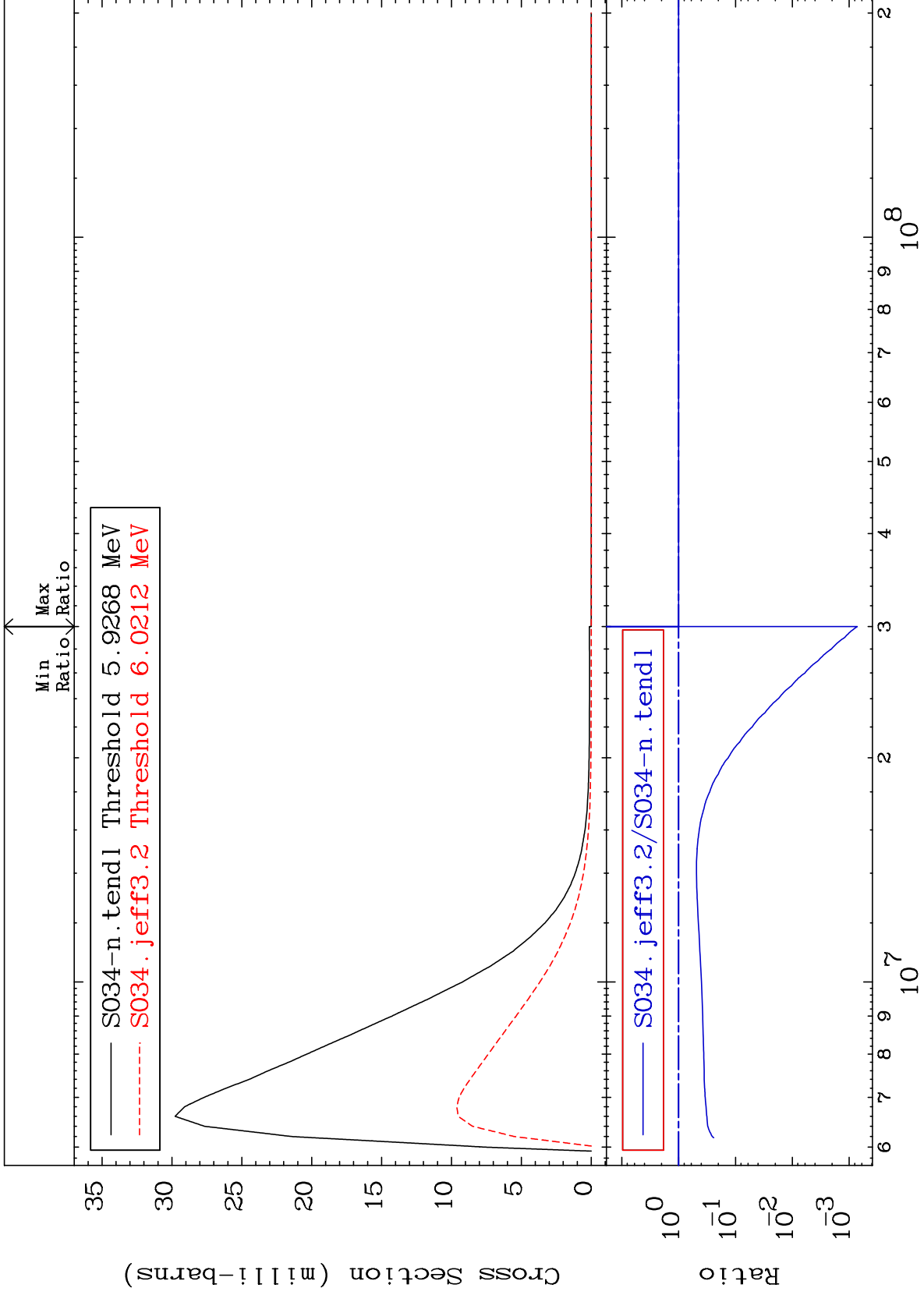
Incident Energy (eV)

16-S -34

MAT 1631

5.756 MeV (n,n') Level
Cross Section

16-S -34
-99.93 To 0.000 %



34

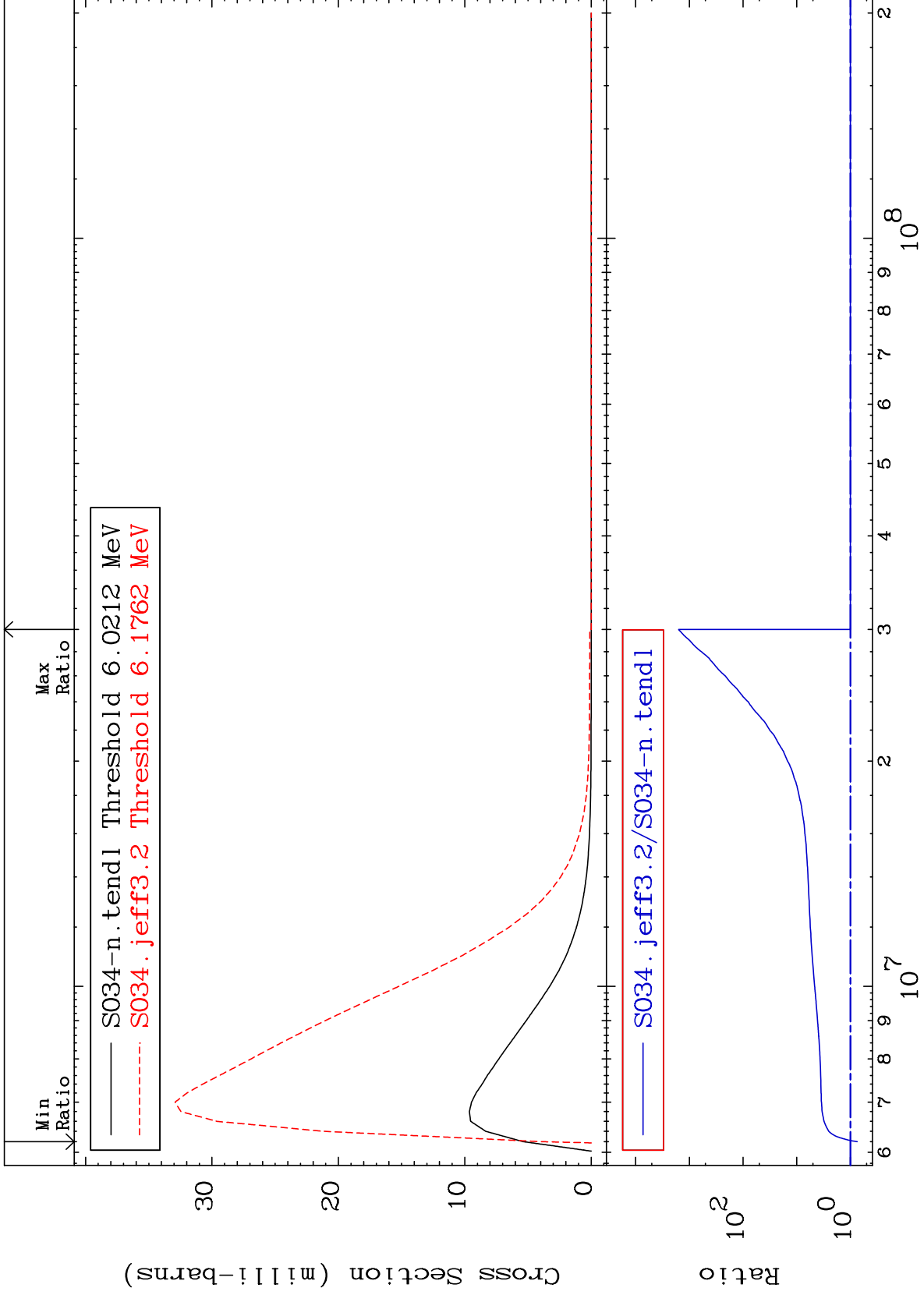
Incident Energy (eV)

16-S -34

MAT 1631

5.848 MeV (n,n') Level
Cross Section

16-S -34
-25.33 To 9999. %



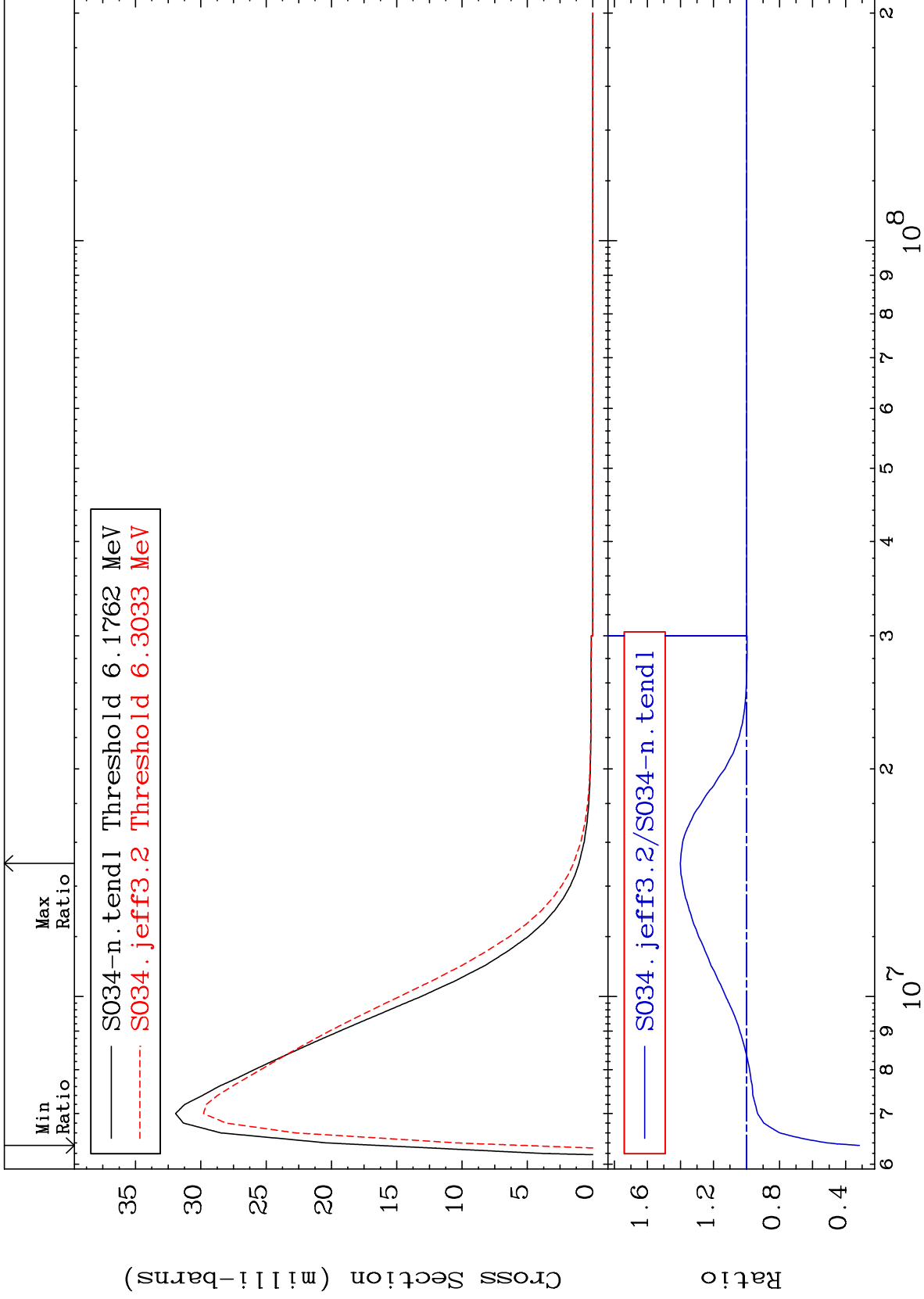
35

16-S -34

MAT 1631

5.998 MeV (n,n') Level
Cross Section

16-S -34
-68.35 To 40.05 %



36

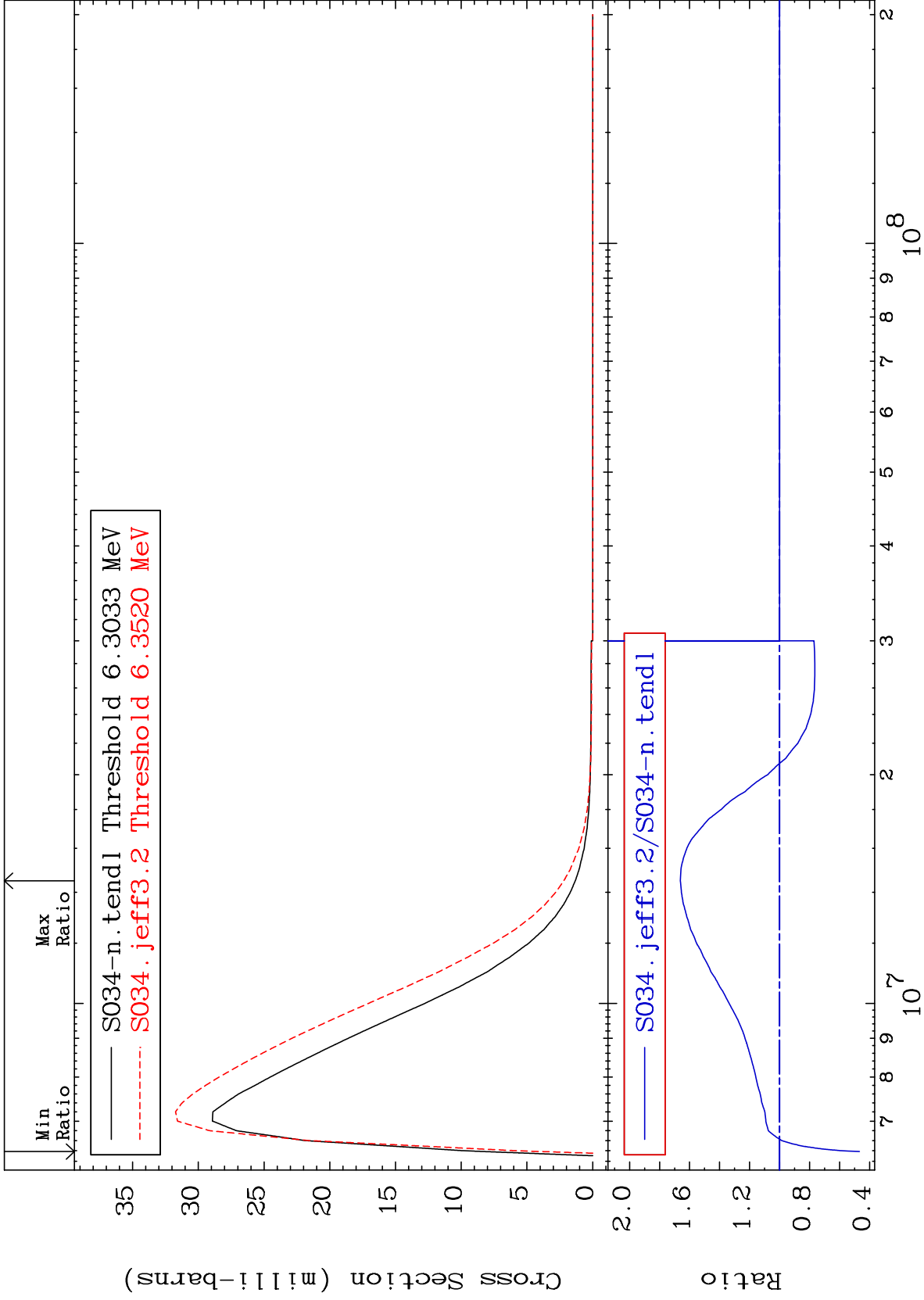
Incident Energy (eV)

16-S -34

MAT 1631

6.121 MeV (n,n') Level
Cross Section

16-S -34
-53.22 To 66.15 %



37

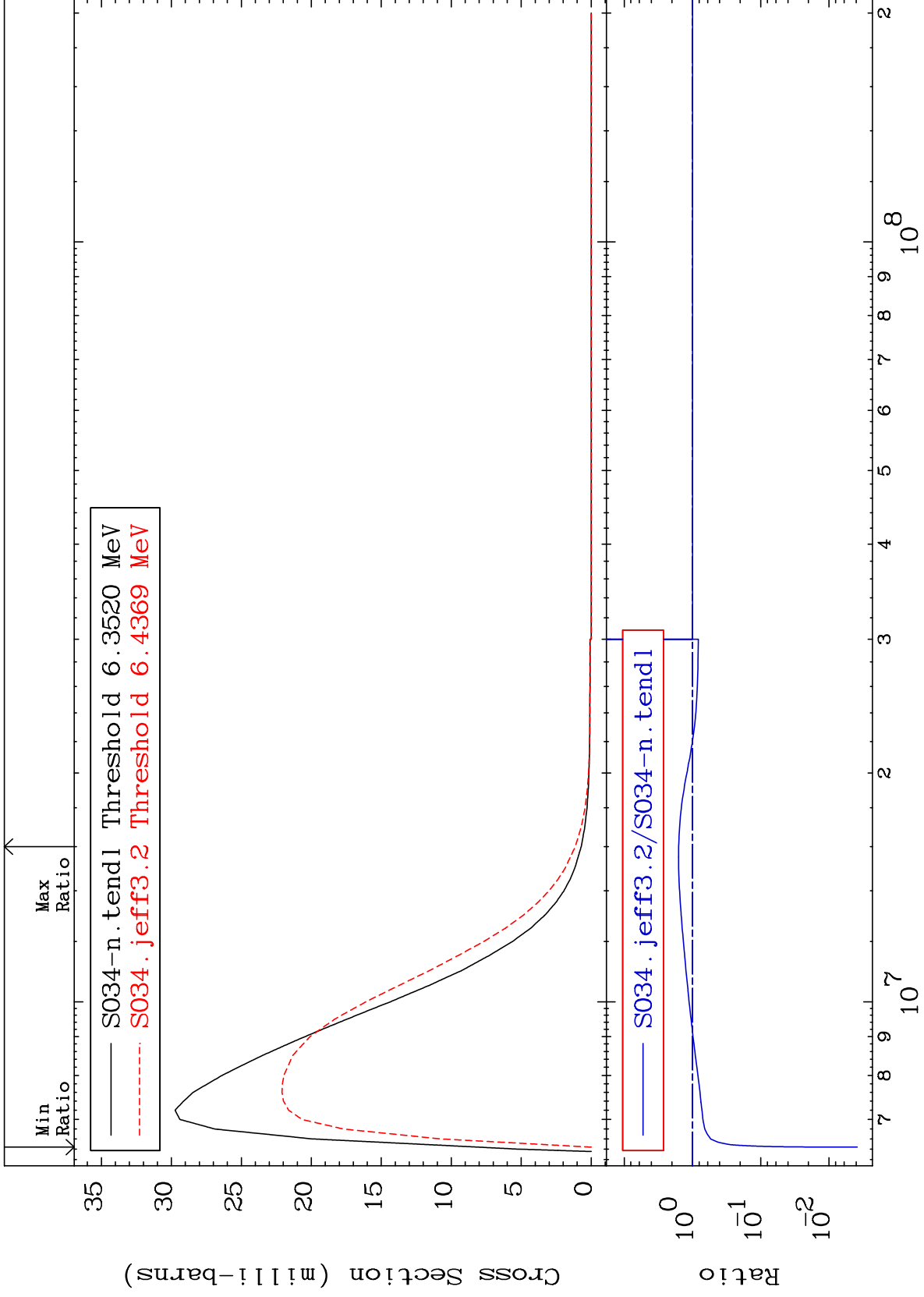
Incident Energy (eV)

16-S -34

MAT 1631

6.169 MeV (n,n') Level
Cross Section

16-S -34
-99.61 To 59.49 %



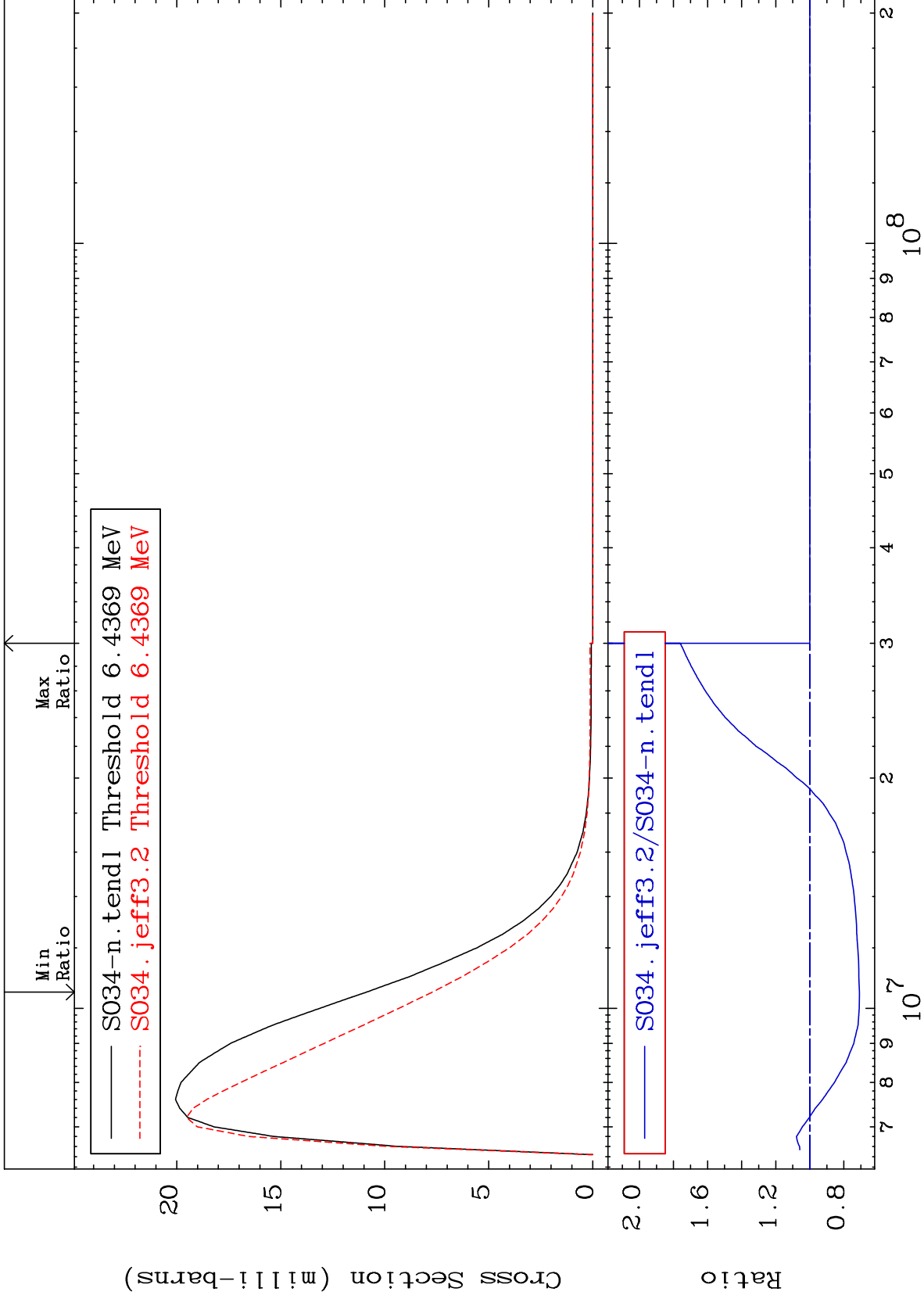
38

16-S -34

MAT 1631

6.251 MeV (n,n') Level
Cross Section

16-S -34
-29.14 To 75.98 %



39

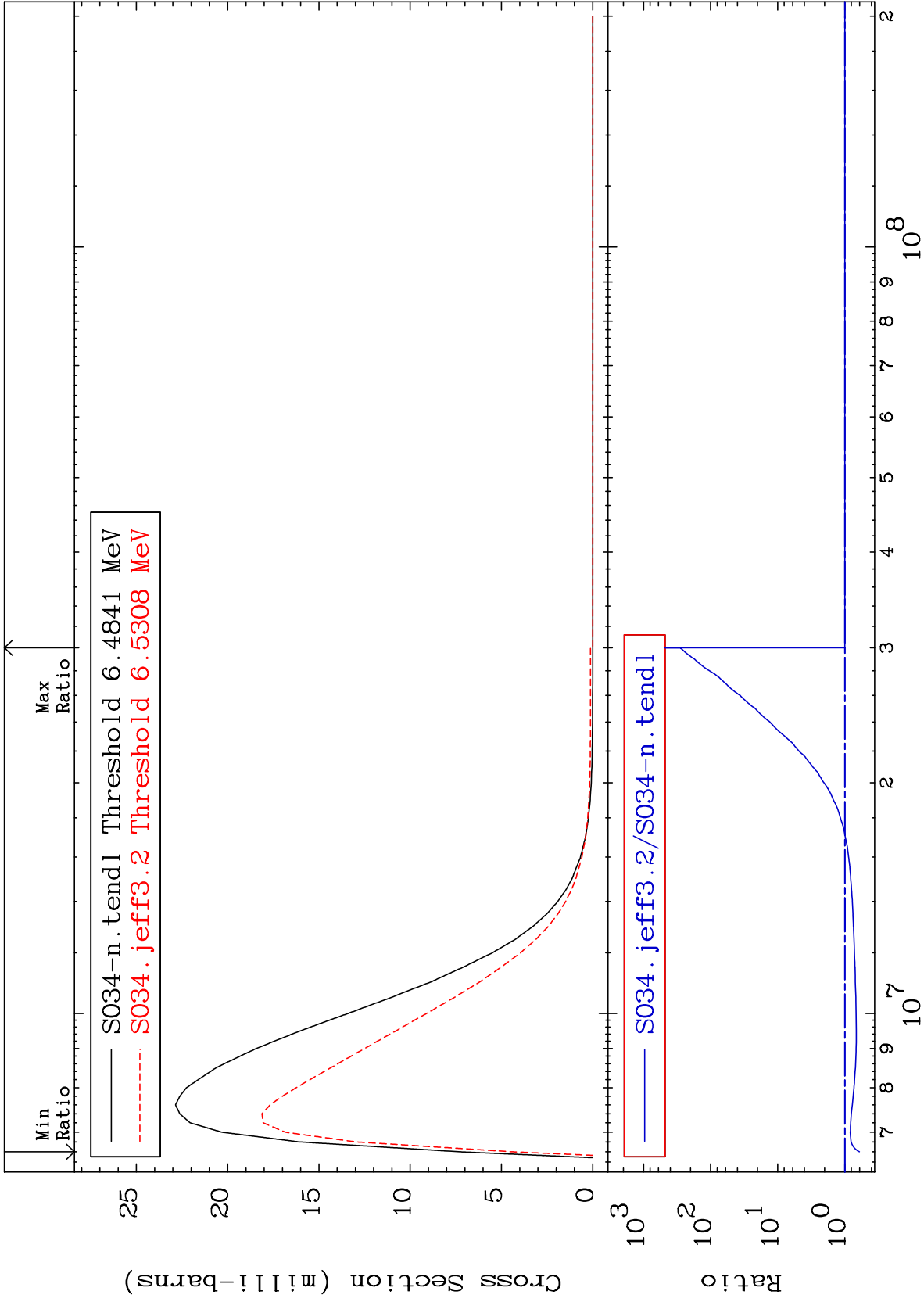
Incident Energy (eV)

16-S -34

MAT 1631

6.297 MeV (n,n') Level
Cross Section

16-S -34
-39.38 To 9999. %



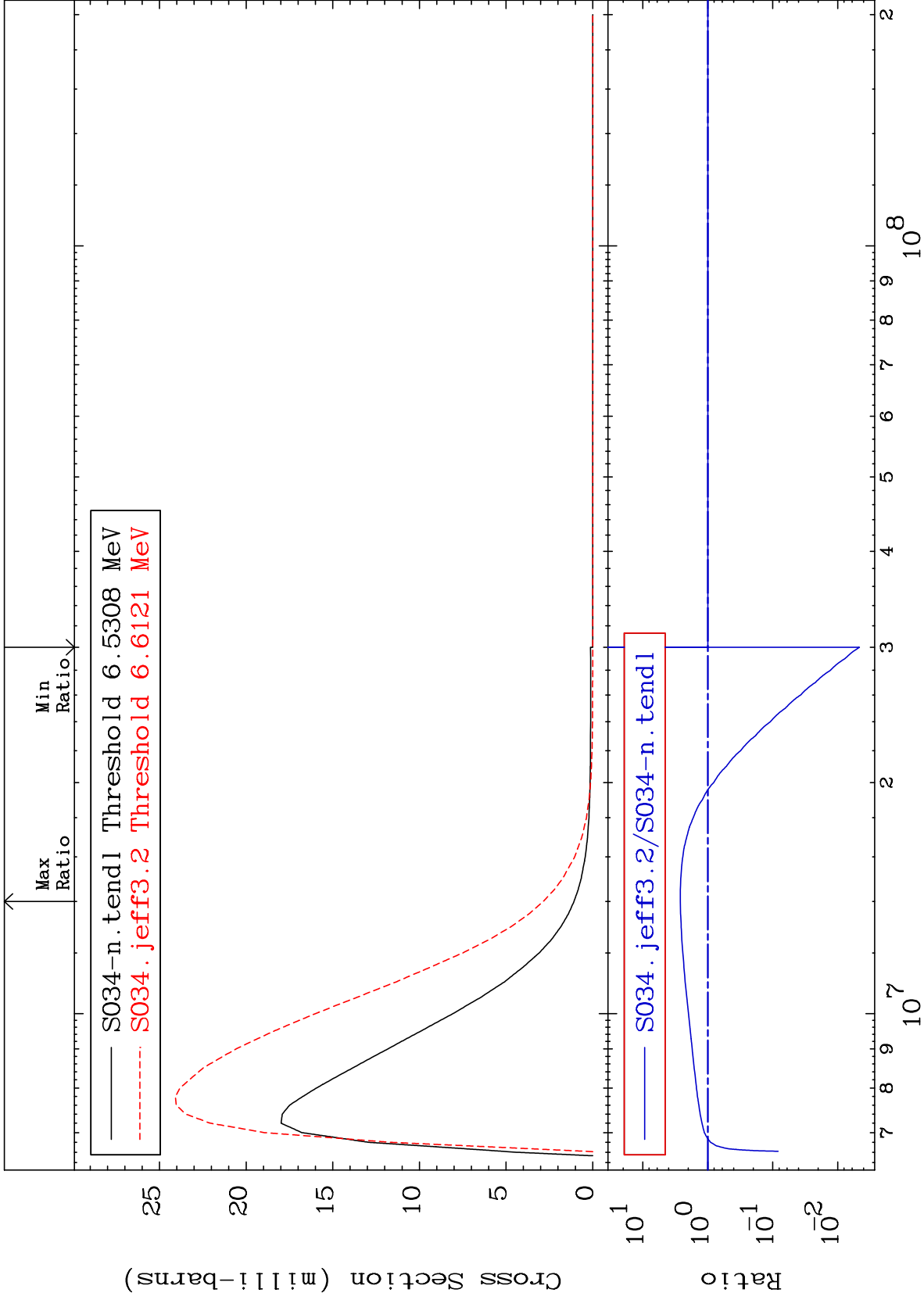
40

16-S -34

MAT 1631

6.342 MeV (n,n') Level
Cross Section

16-S -34
-99.54 To 164.2 %



41

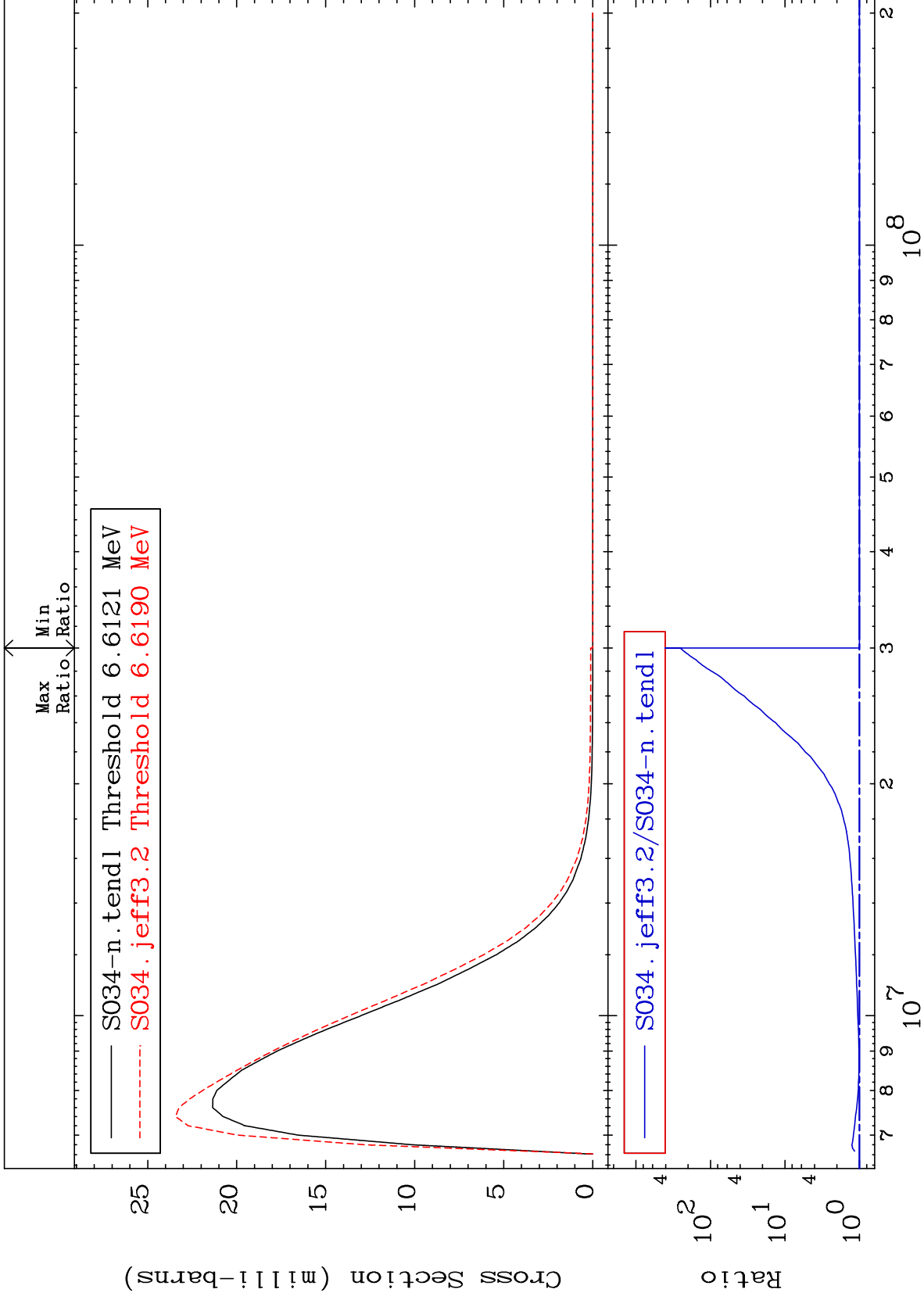
Incident Energy (eV)

16-S -34

MAT 1631

6.421 MeV (n,n') Level
Cross Section

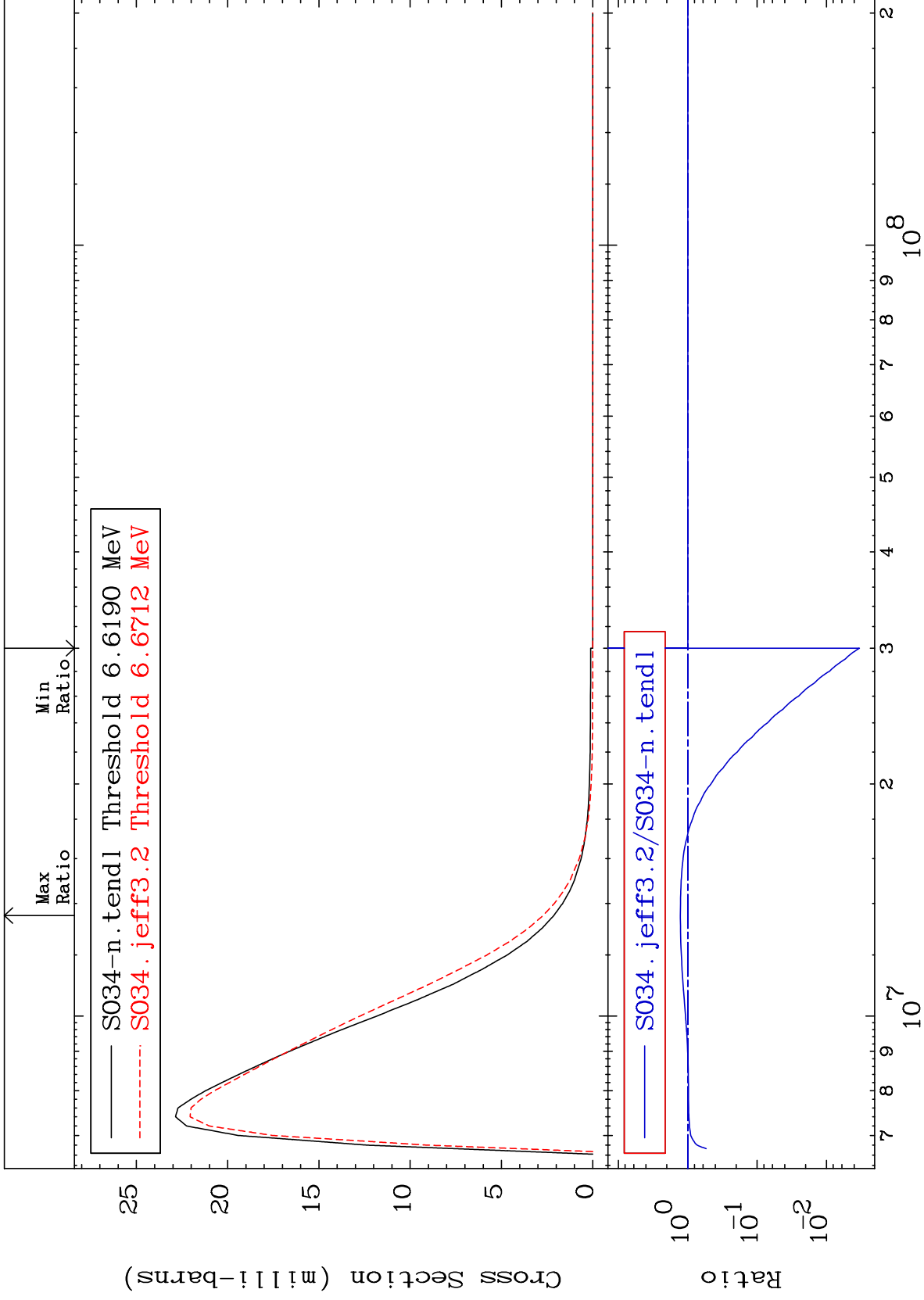
16-S -34
0.000 To 9999. %



MAT 1631

6.428 MeV (n,n') Level
Cross Section

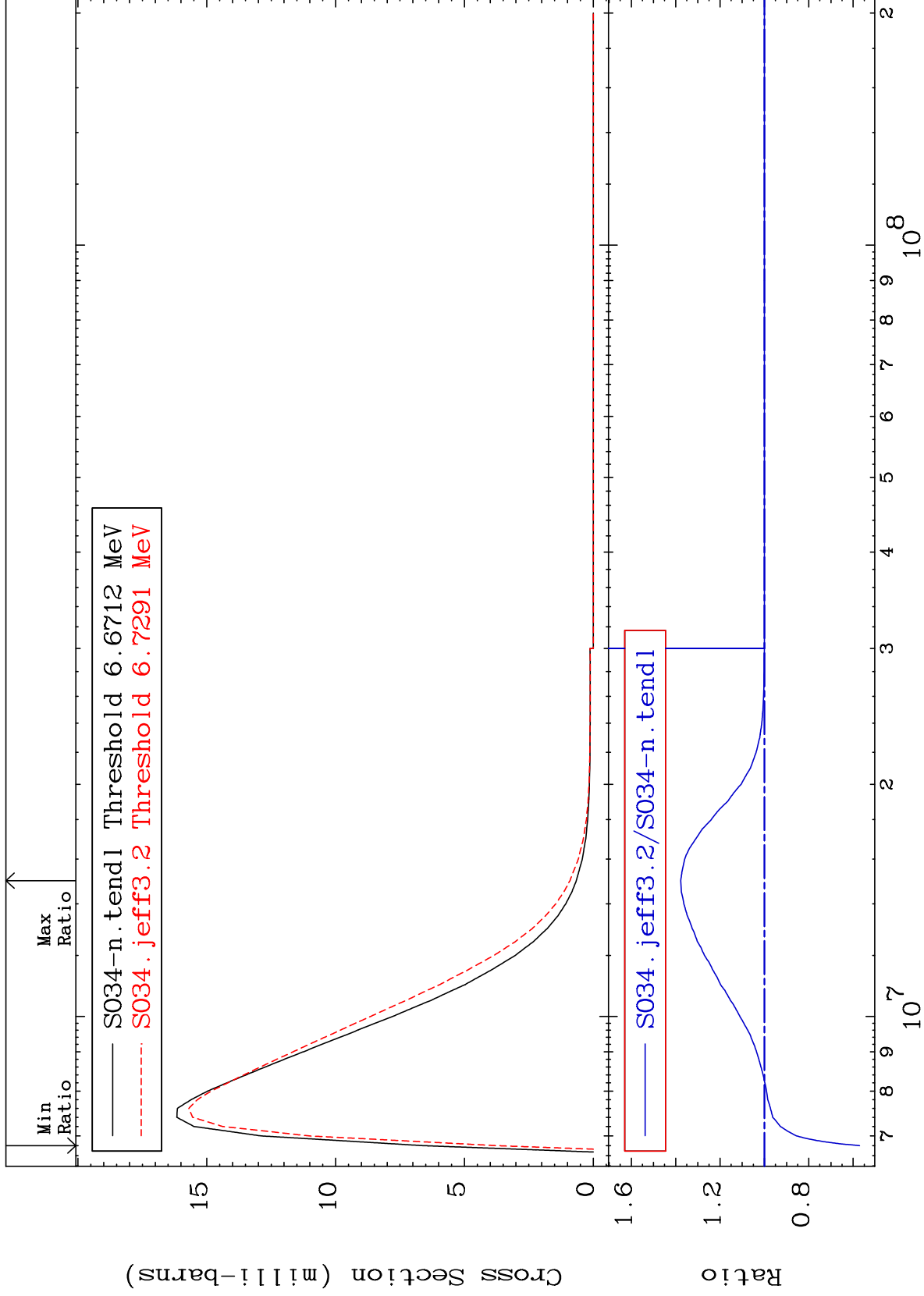
16-S -34
-99.66 To 27.71 %



43

Incident Energy (eV)

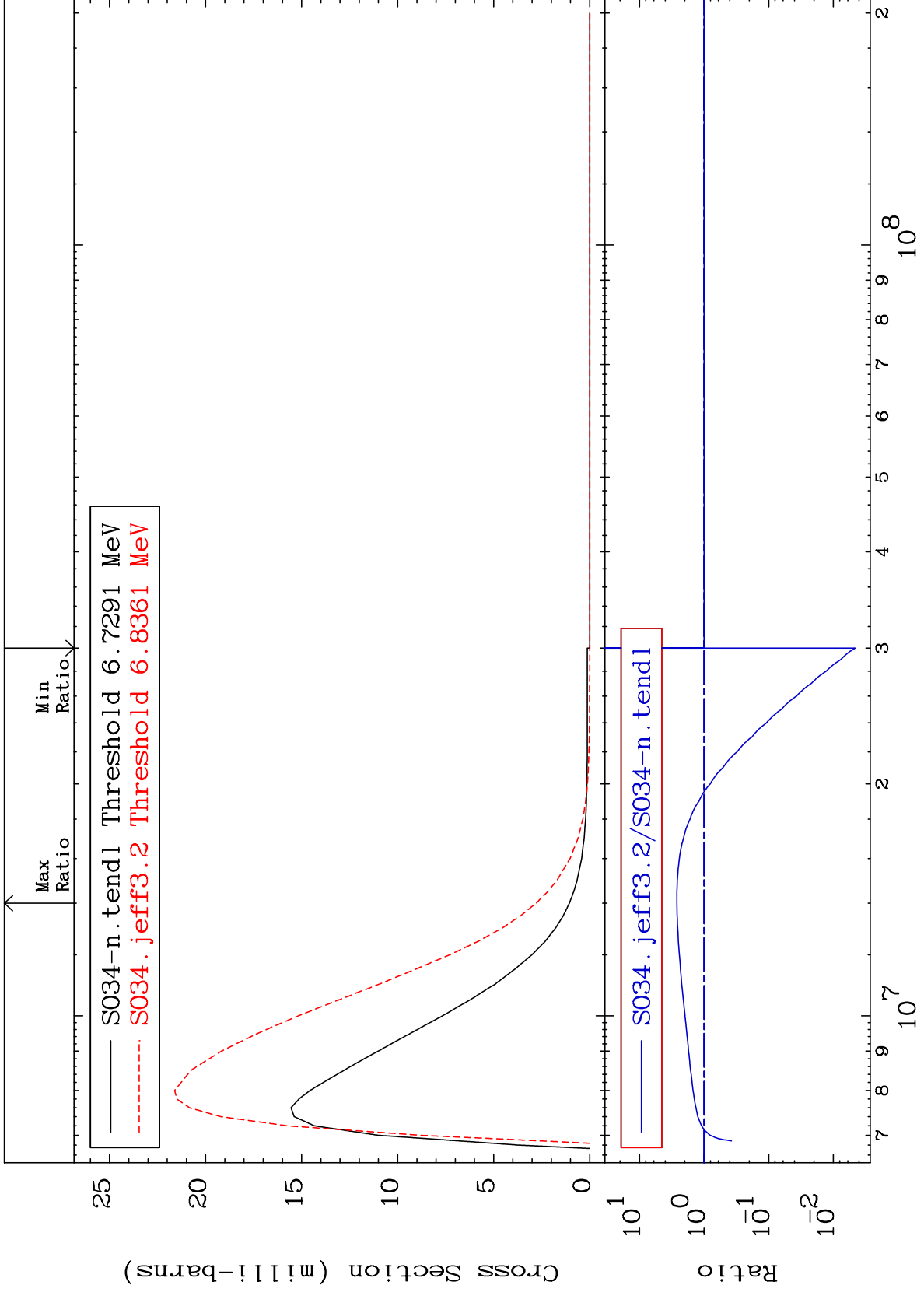
16-S -34



MAT 1631

6.535 MeV (n,n') Level
Cross Section

16-S -34
-99.54 To 163.5 %



45

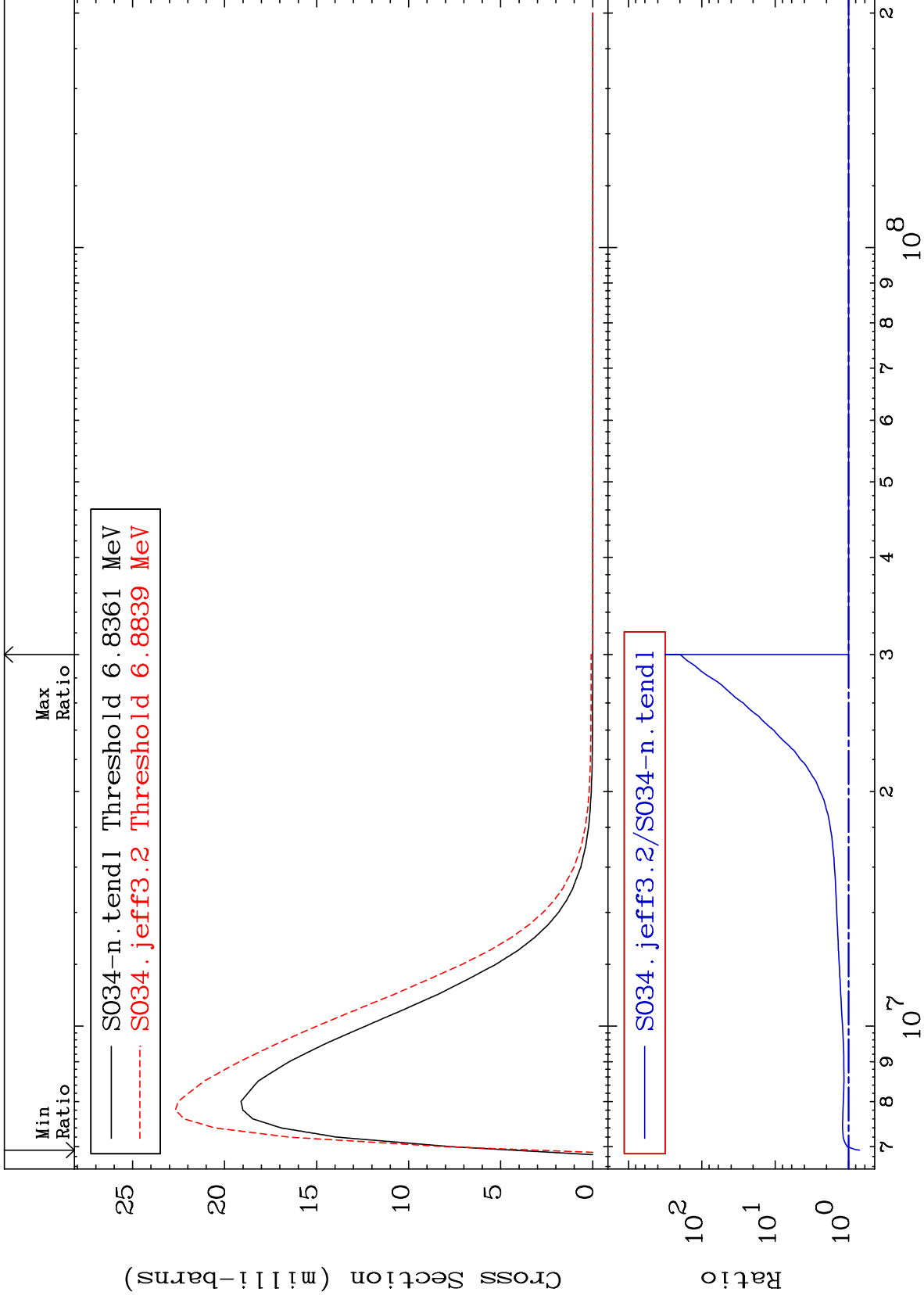
Incident Energy (eV)

16-S -34

MAT 1631

6.639 MeV (n,n') Level
Cross Section

16-S -34
-28.67 To 9999. %



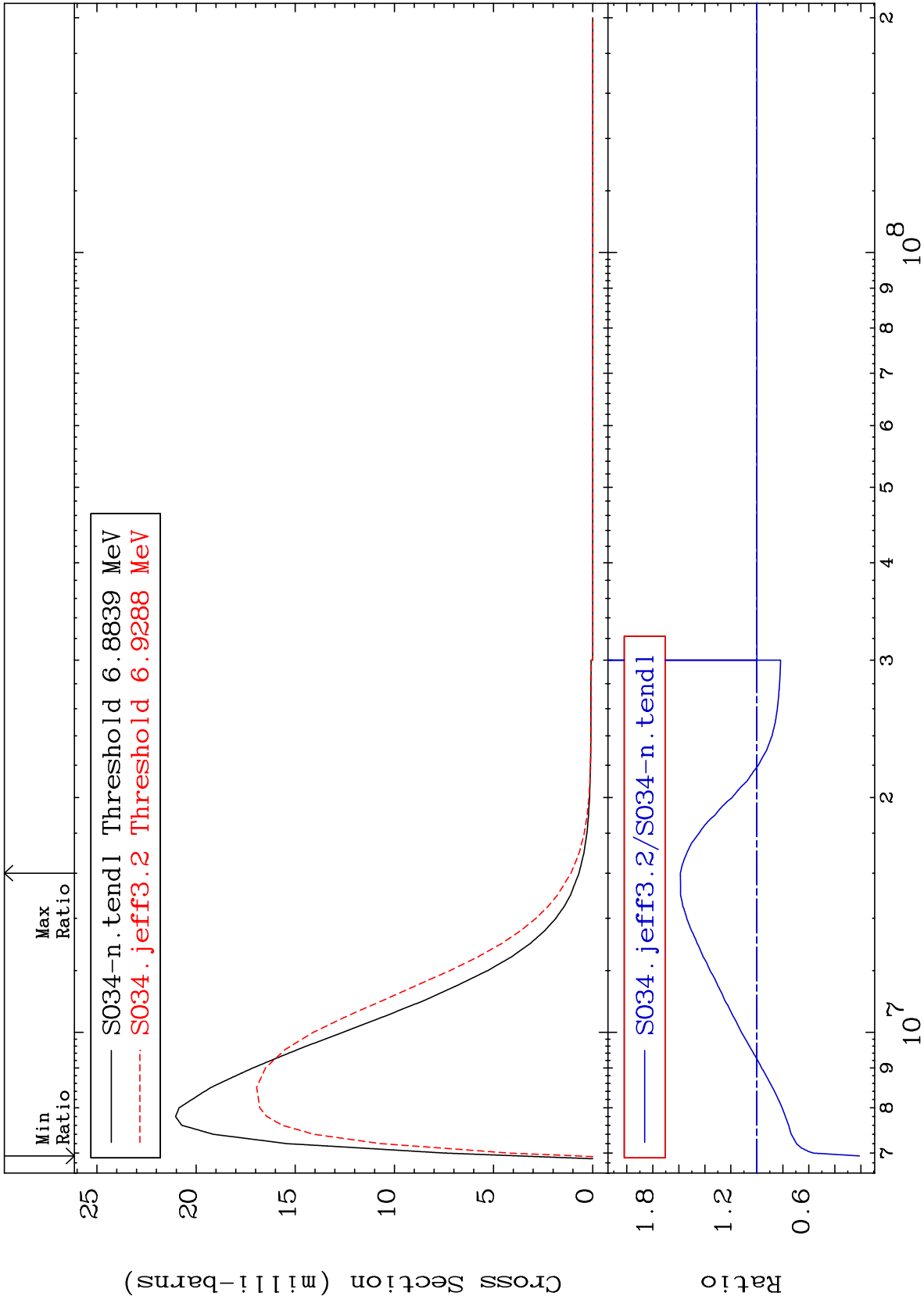
46

16-S -34

MAT 1631

6.685 MeV (n,n') Level
Cross Section

16-S -34
-78.92 To 58.82 %



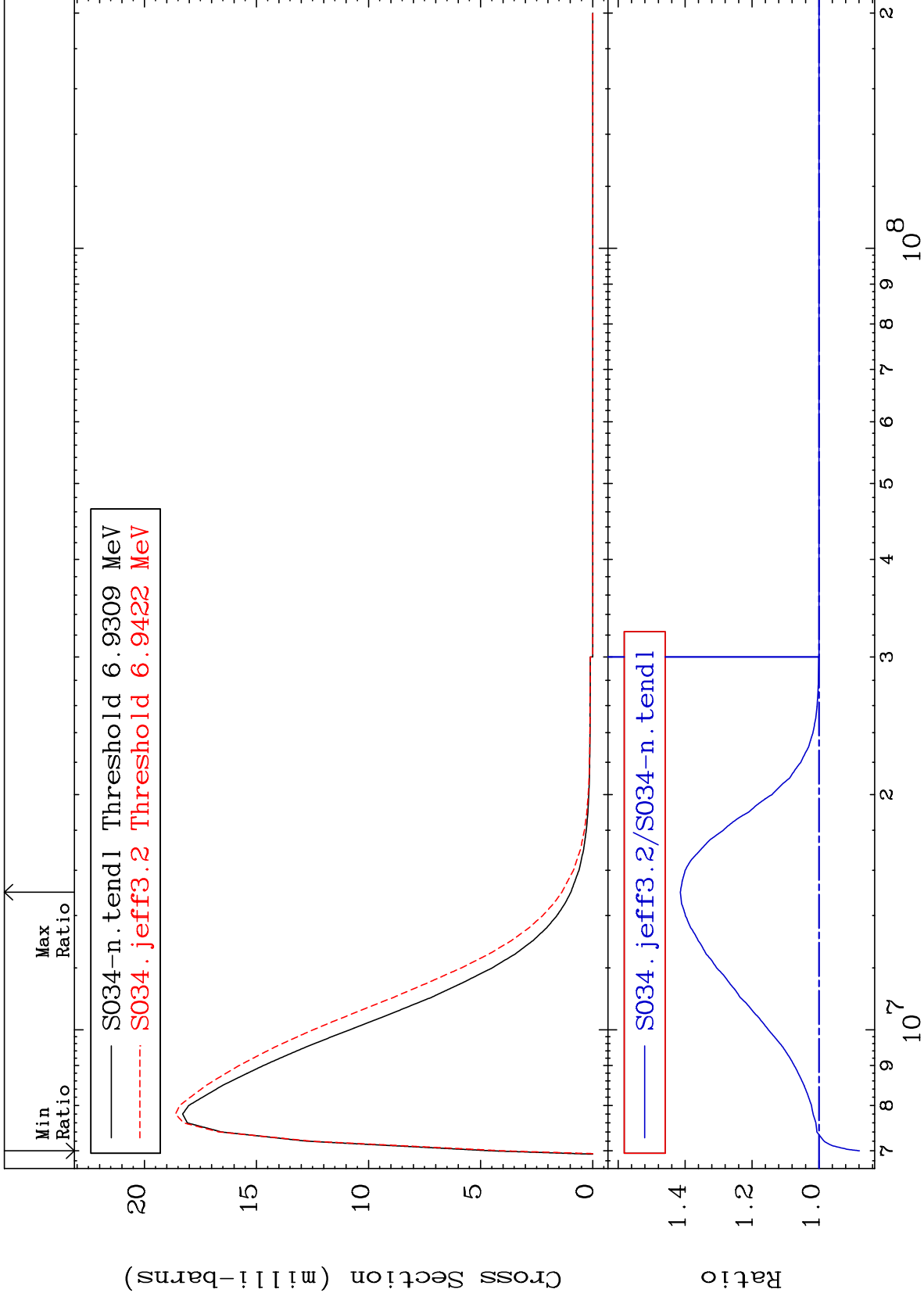
47

16-S -34

MAT 1631

6.731 MeV (n,n') Level
Cross Section

16-S -34
-12.10 To 41.41 %



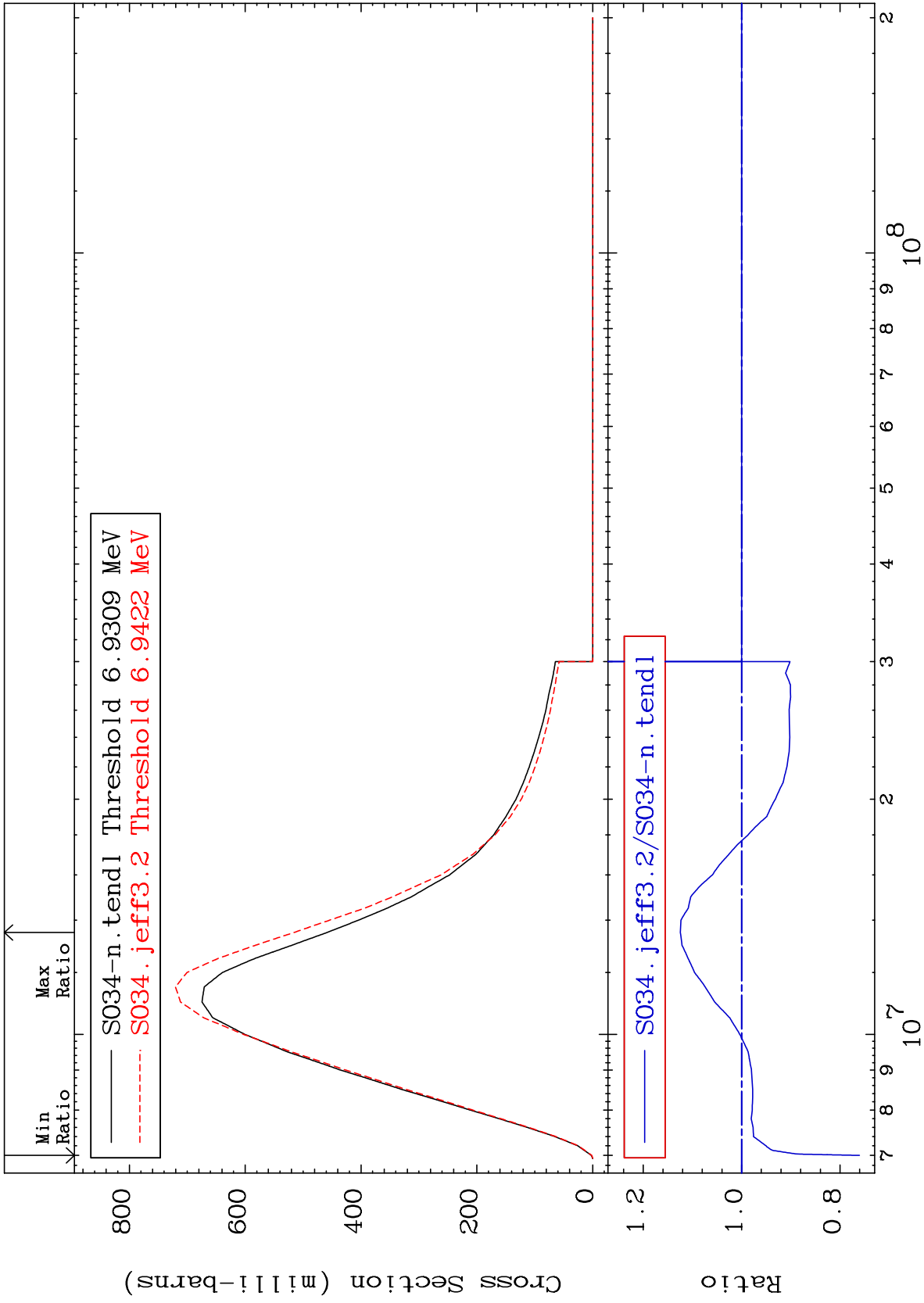
48

16-S -34

MAT 1631

(n, n') Continuum
Cross Section

16-S -34
-23.94 To 12.45 %



49

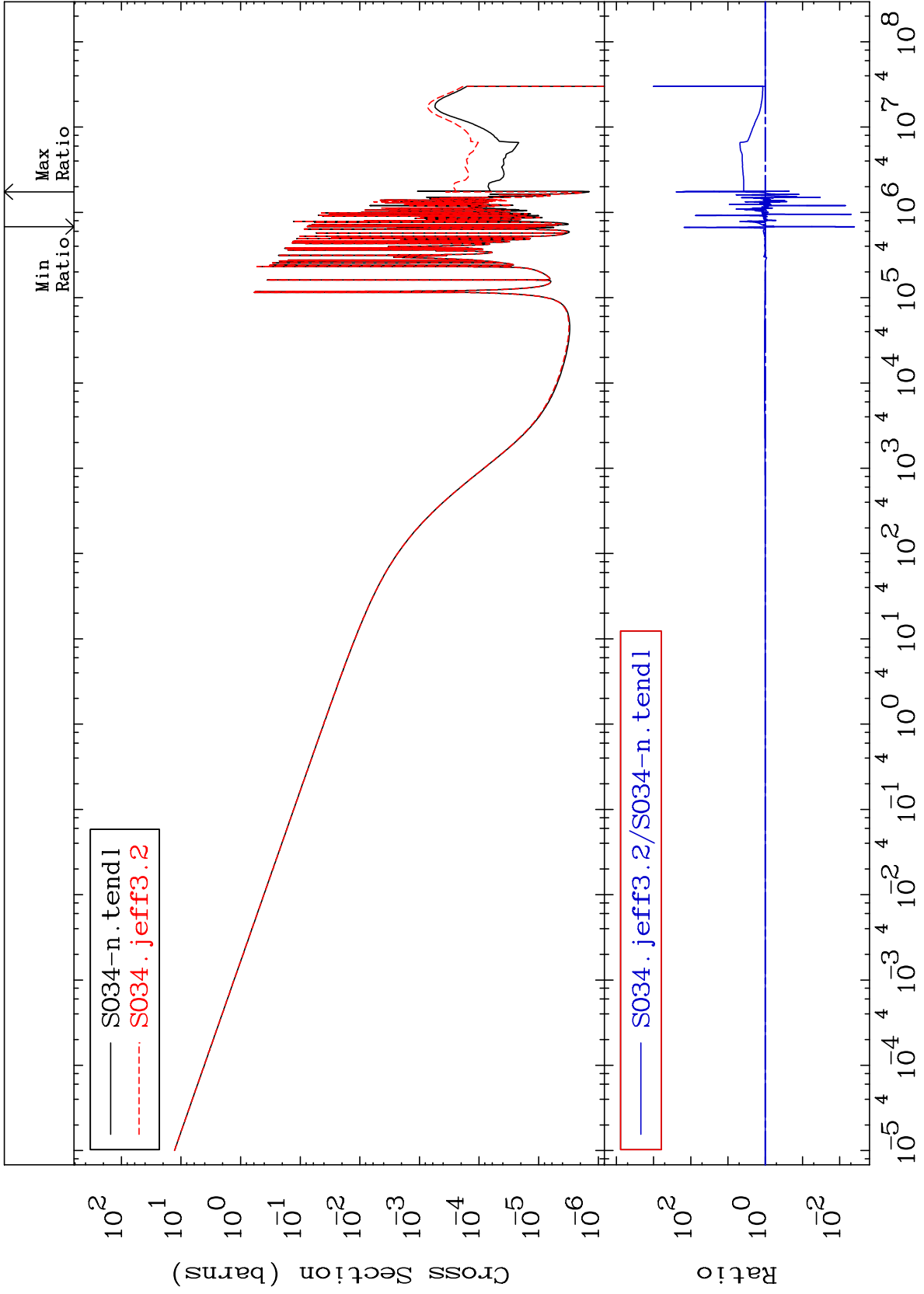
Incident Energy (eV)

16-S -34

MAT 1631

(n, γ)
Cross Section

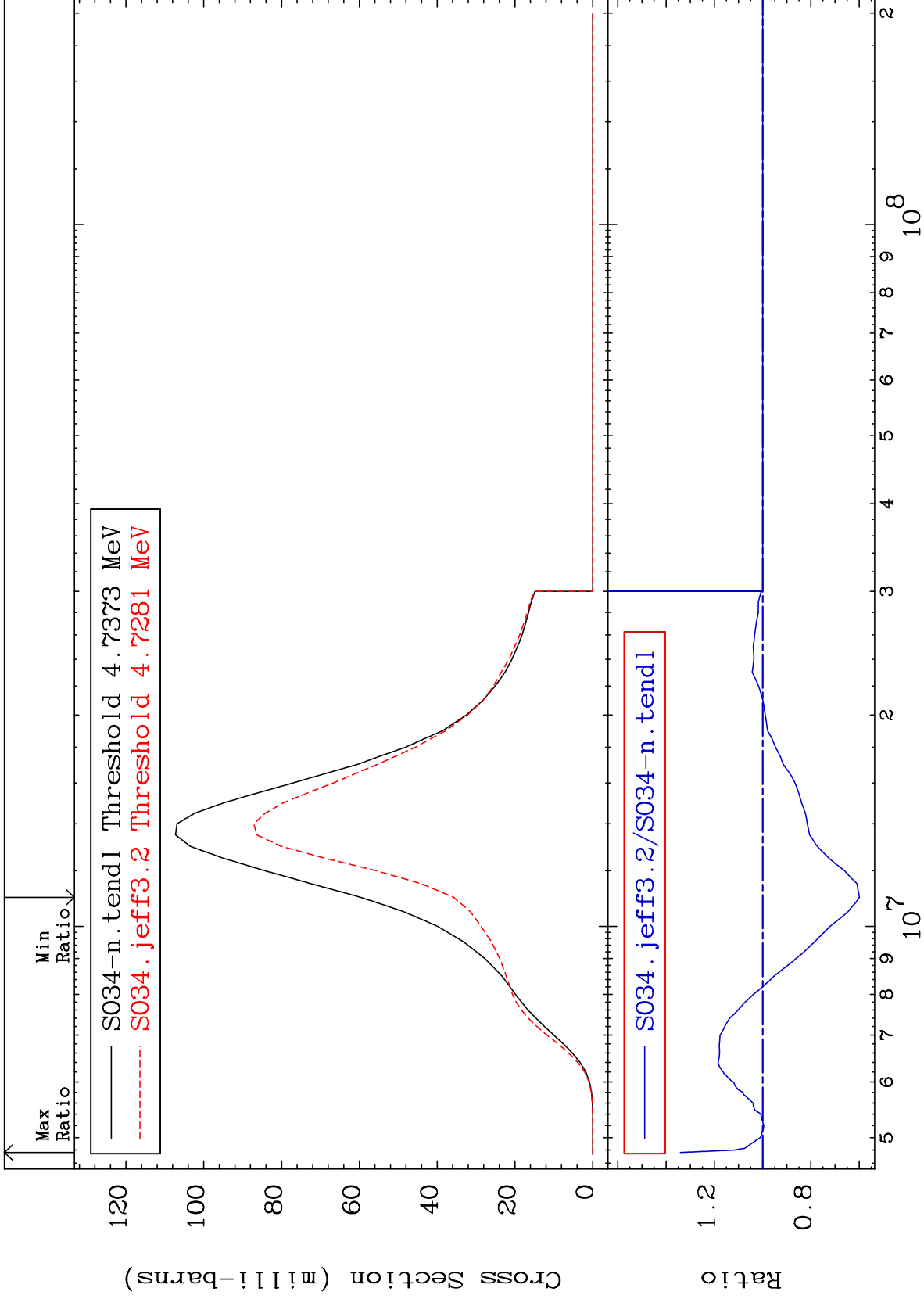
16-S -34
-99.60 To 9999. %



MAT 1631

(n,p)
Cross Section

16-S -34
-40.09 To 34.10 %



51

16-S -34

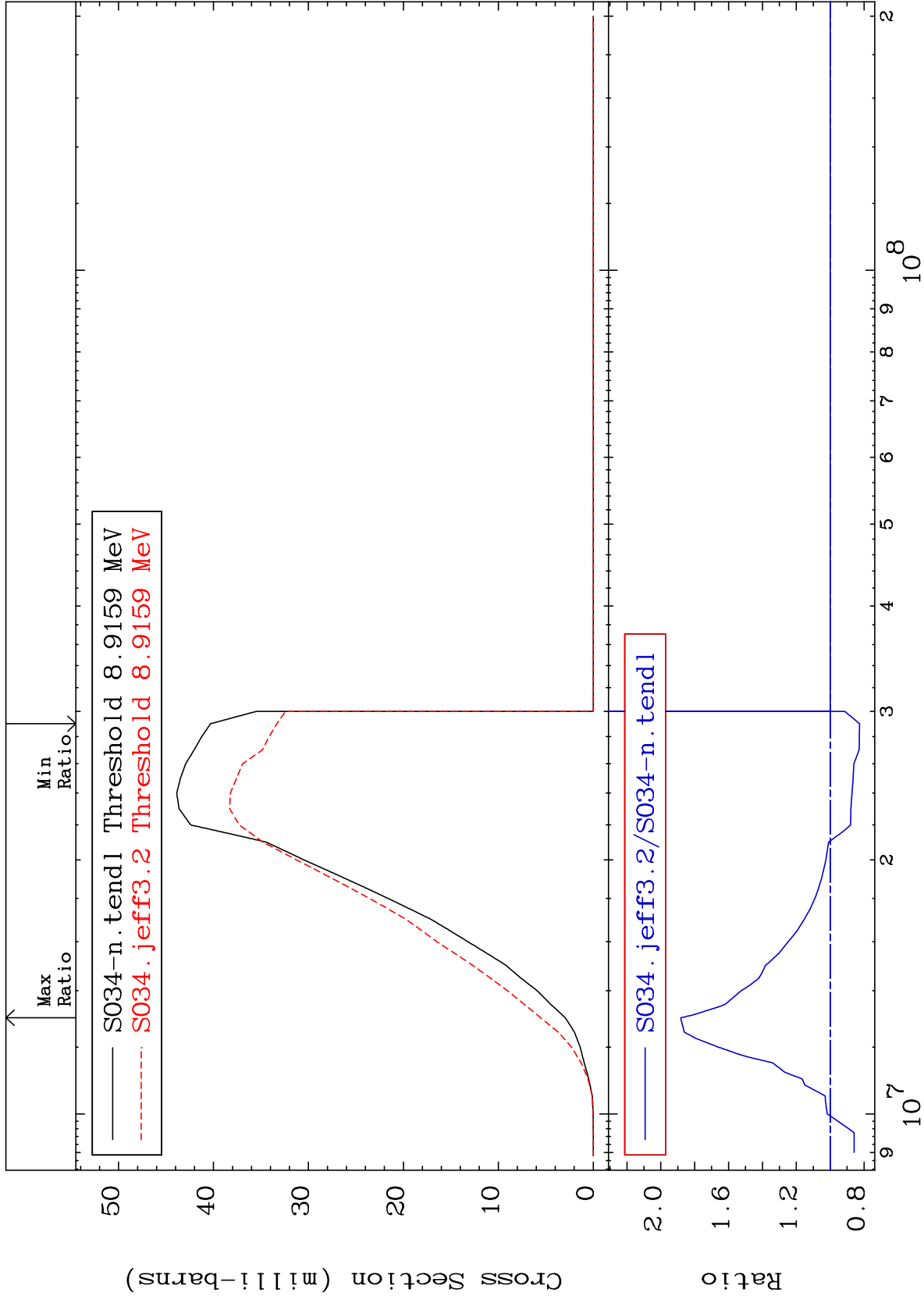
MAT 1631

(n, d)

16-S -34

Cross Section

-17.33 To 88.22 %



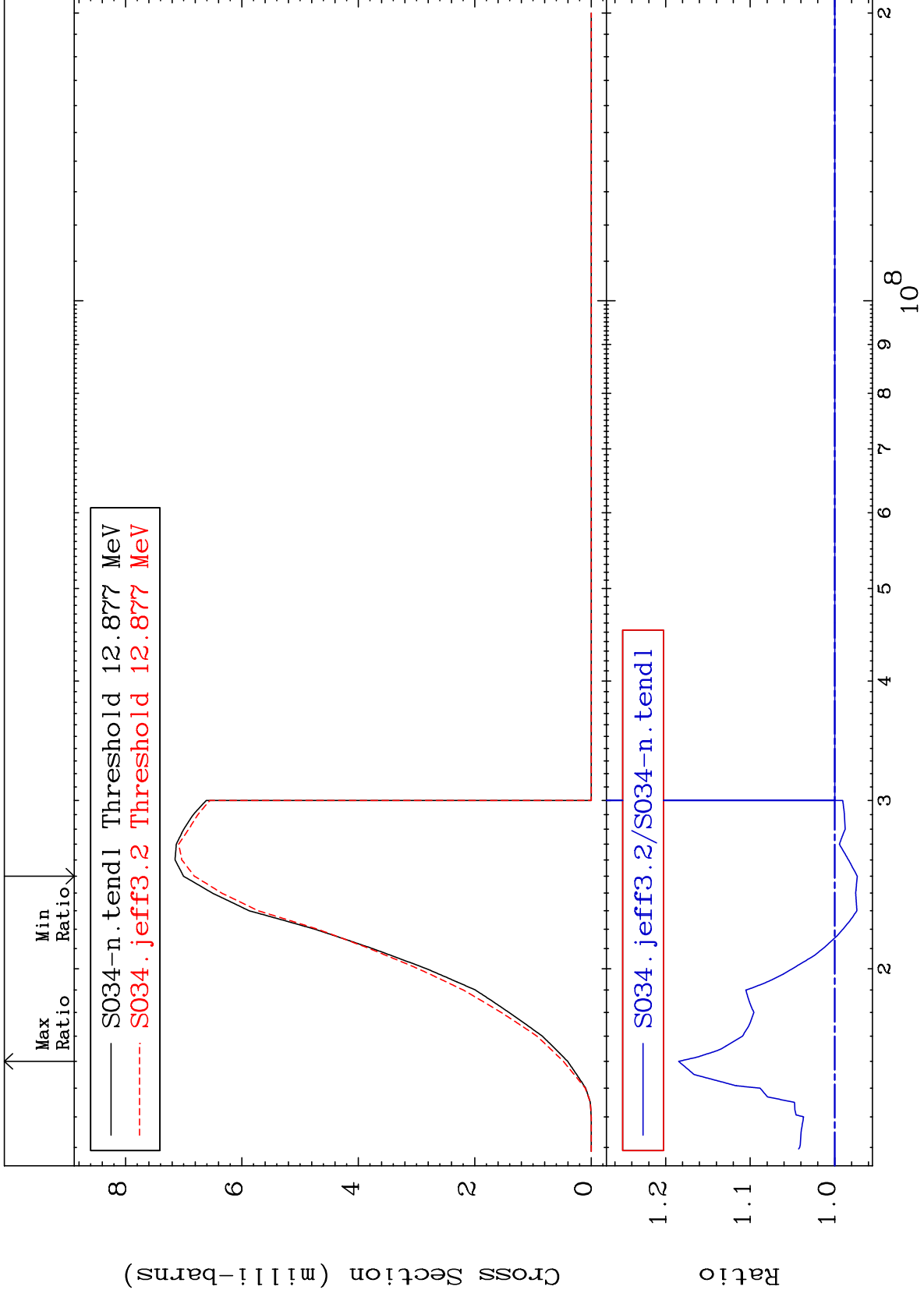
52

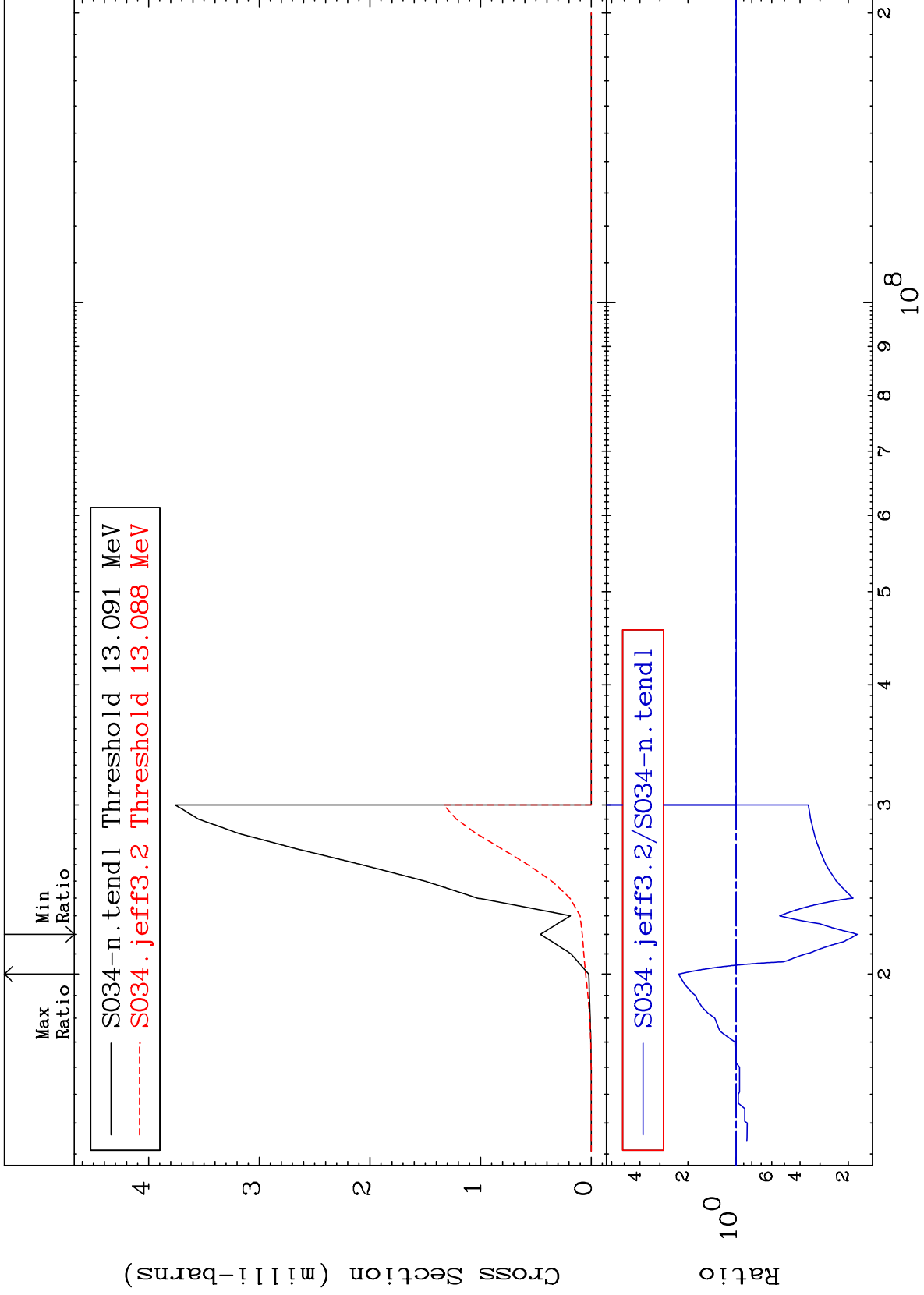
16-S -34

MAT 1631

(n, t)
Cross Section

16-S -34
-2.670 To 18.47 %





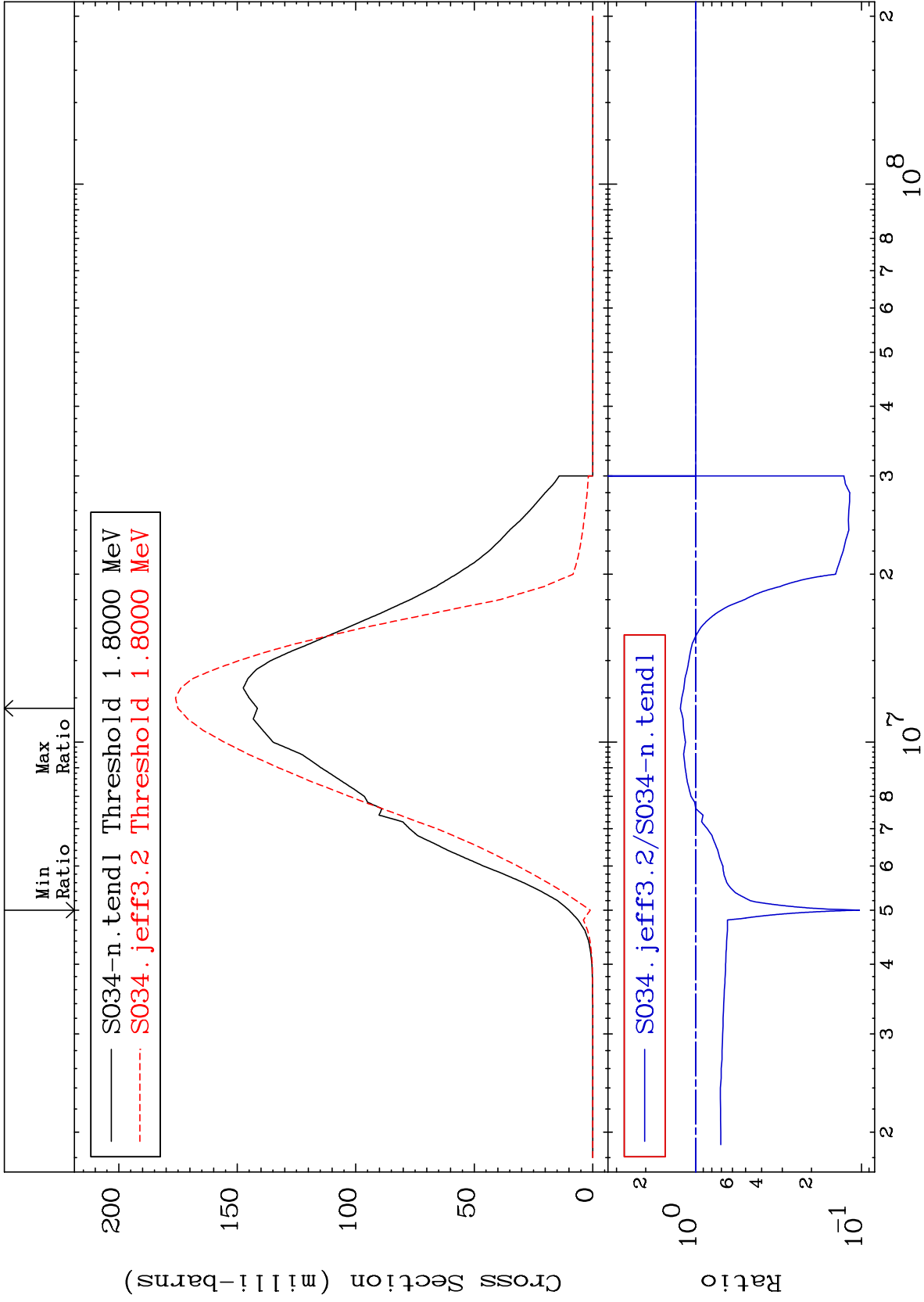
MAT 1631

(n, α)

16-S -34

Cross Section

-89.71 To 23.72 %

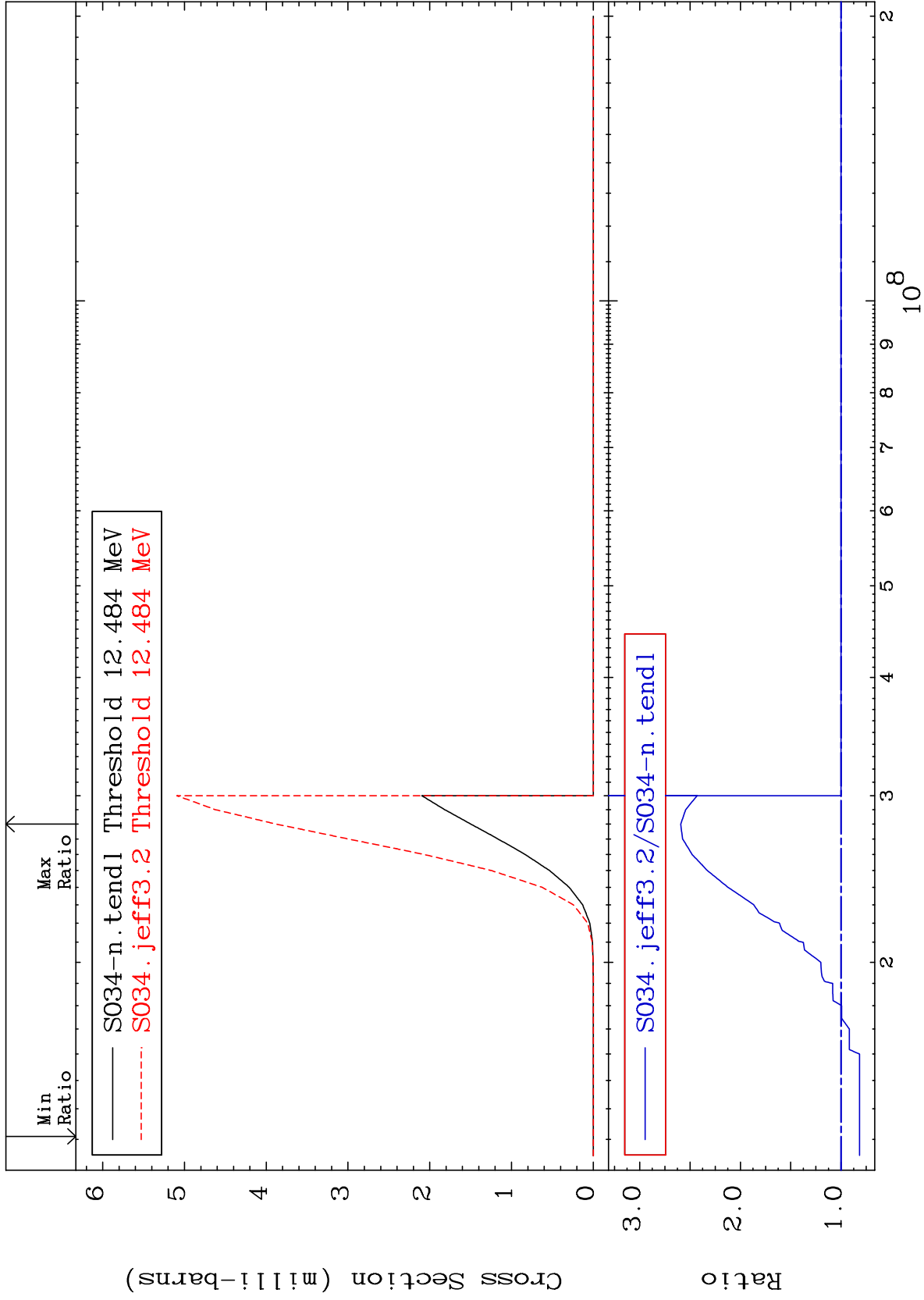


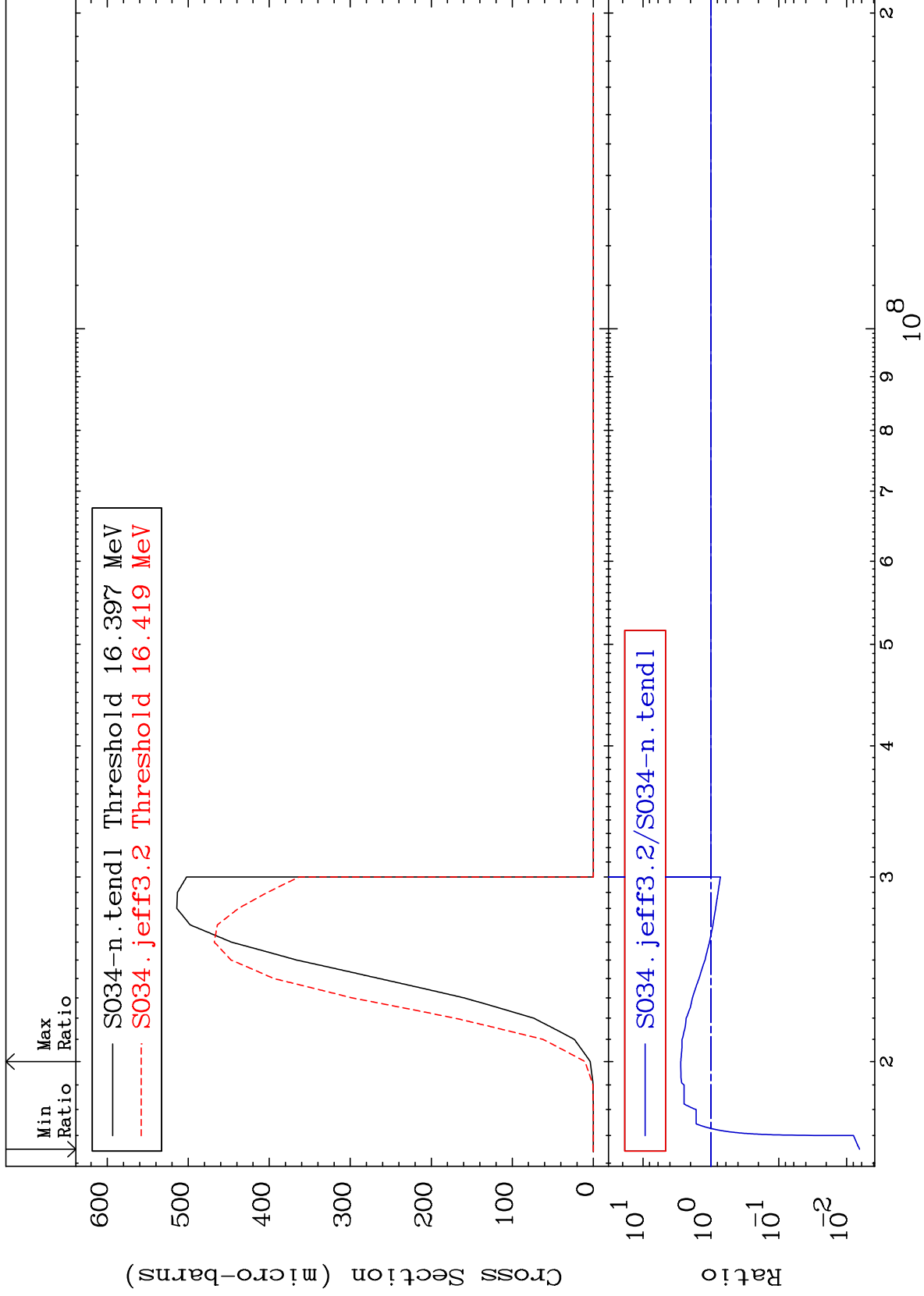
55

16-S -34

Cross Section

-18.31 To 159.2 %





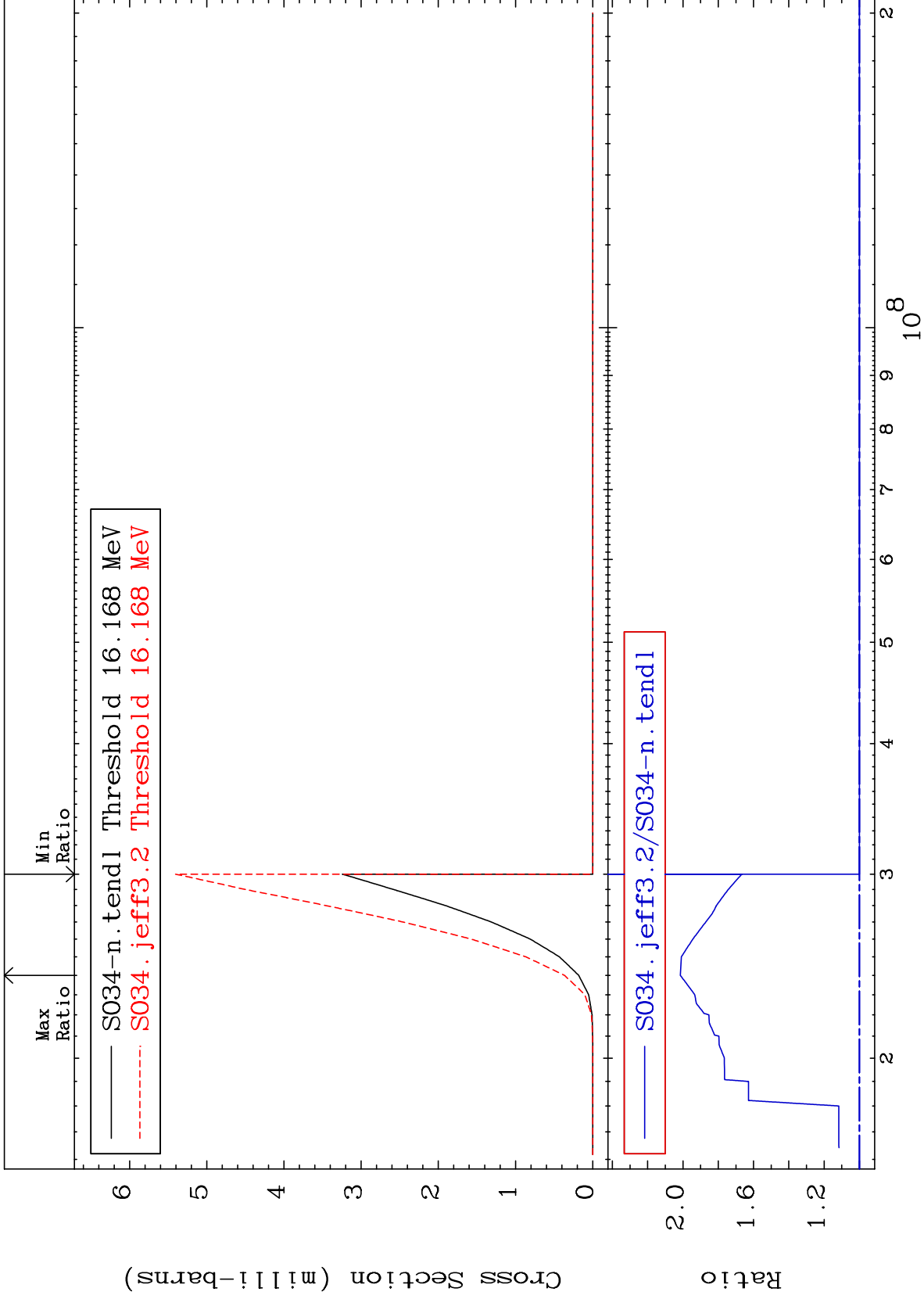
MAT 1631

(n,p) α

16-S -34

Cross Section

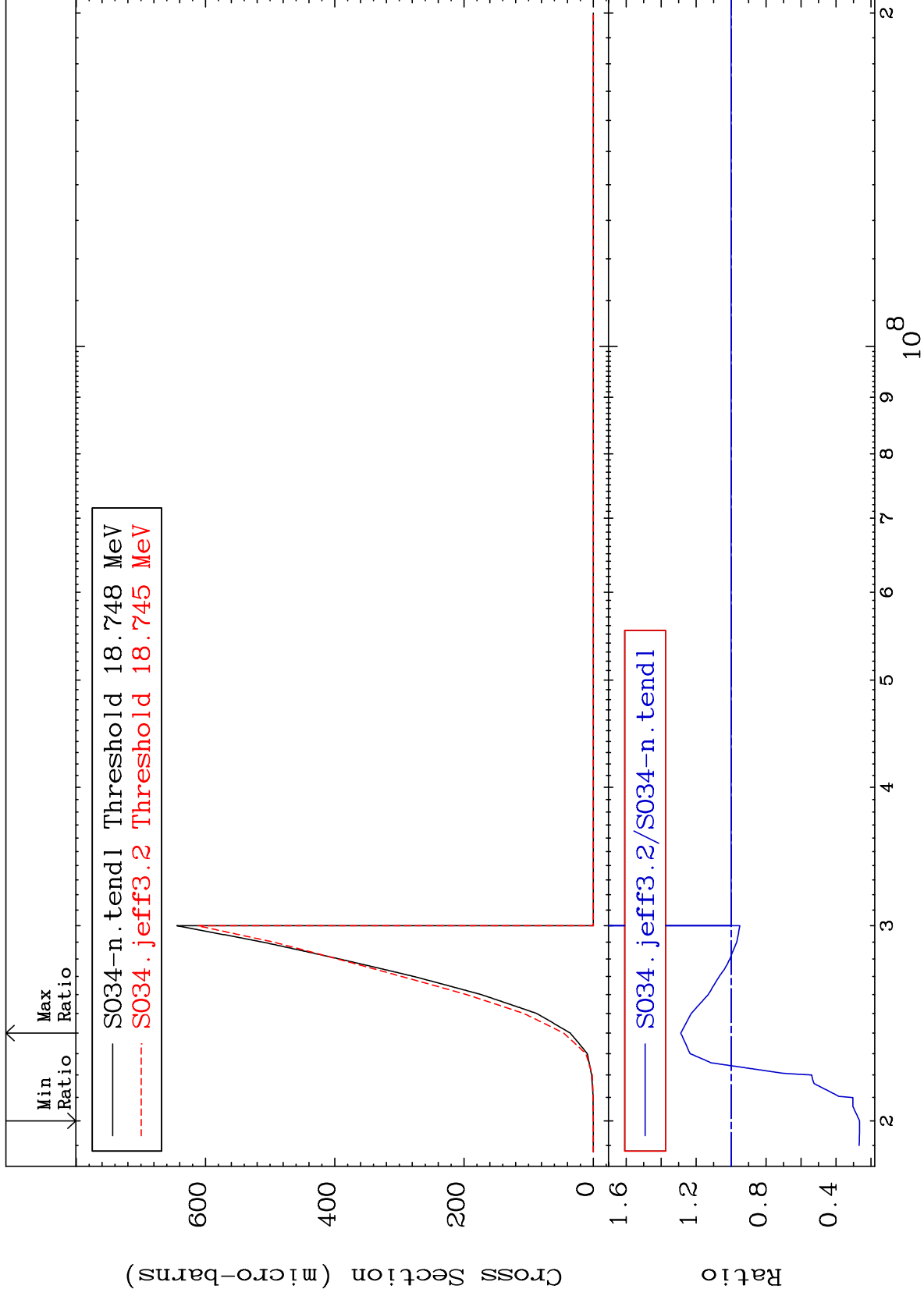
0.000 To 101.5 %



MAT 1631

(n,p) d
Cross Section

16-S -34
-73.40 To 28.79 %



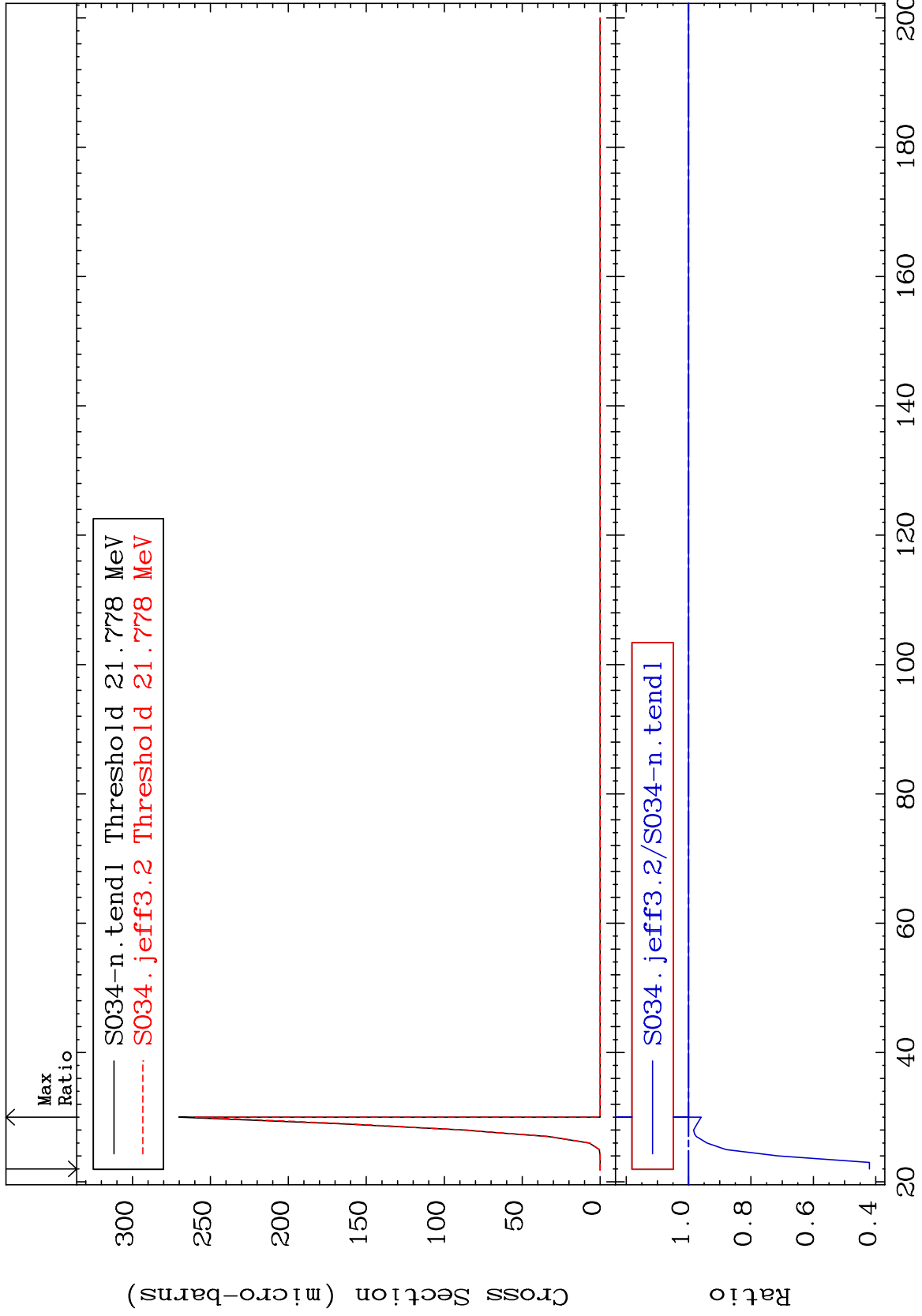
59

16-S -34

MAT 1631

(n,p) t
Cross Section

16-S -34
-57.98 To 0.000 %



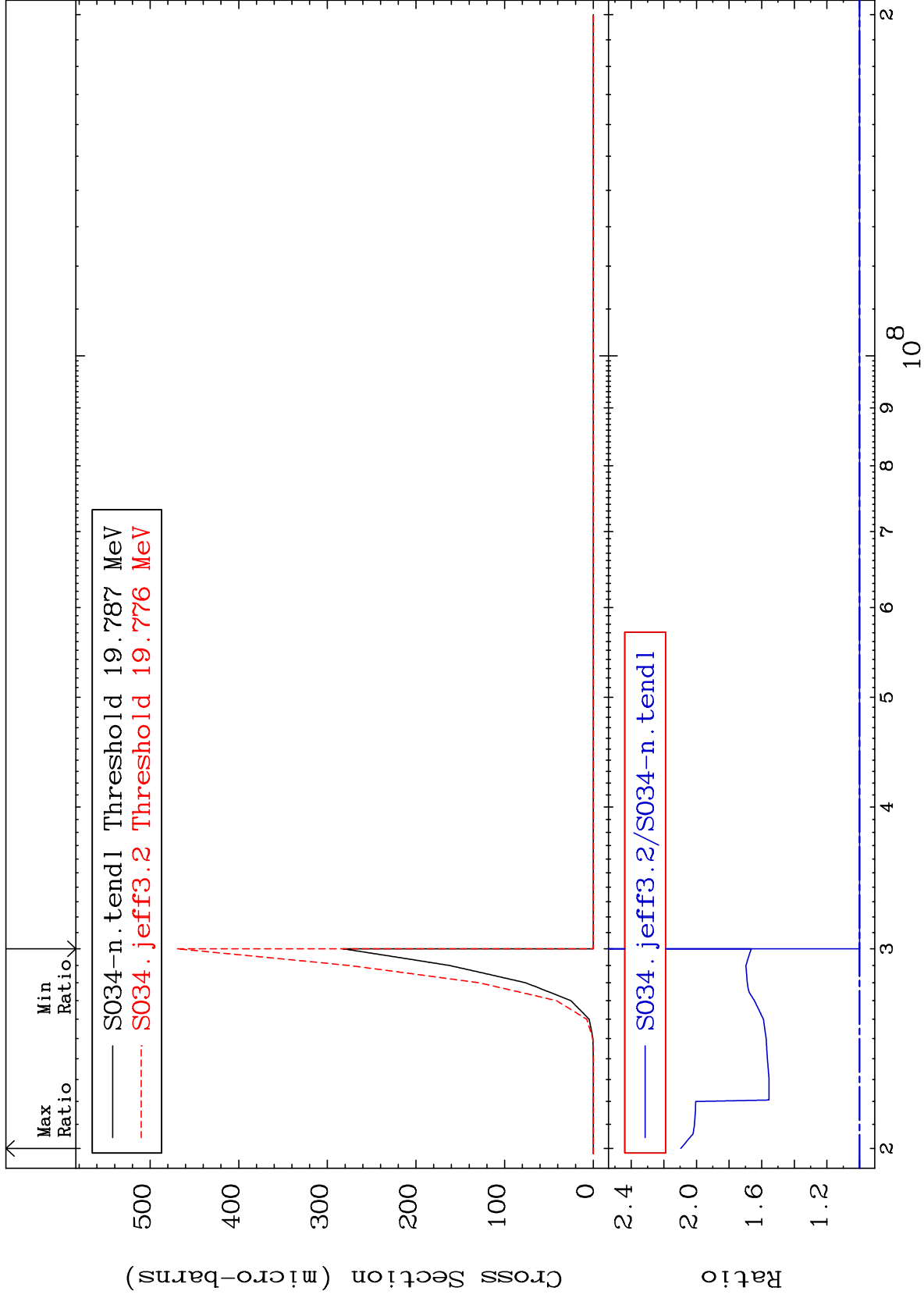
Incident Energy (MeV)

16-S -34

MAT 1631

(n,d) α
Cross Section

16-S -34
0.000 To 109.6 %



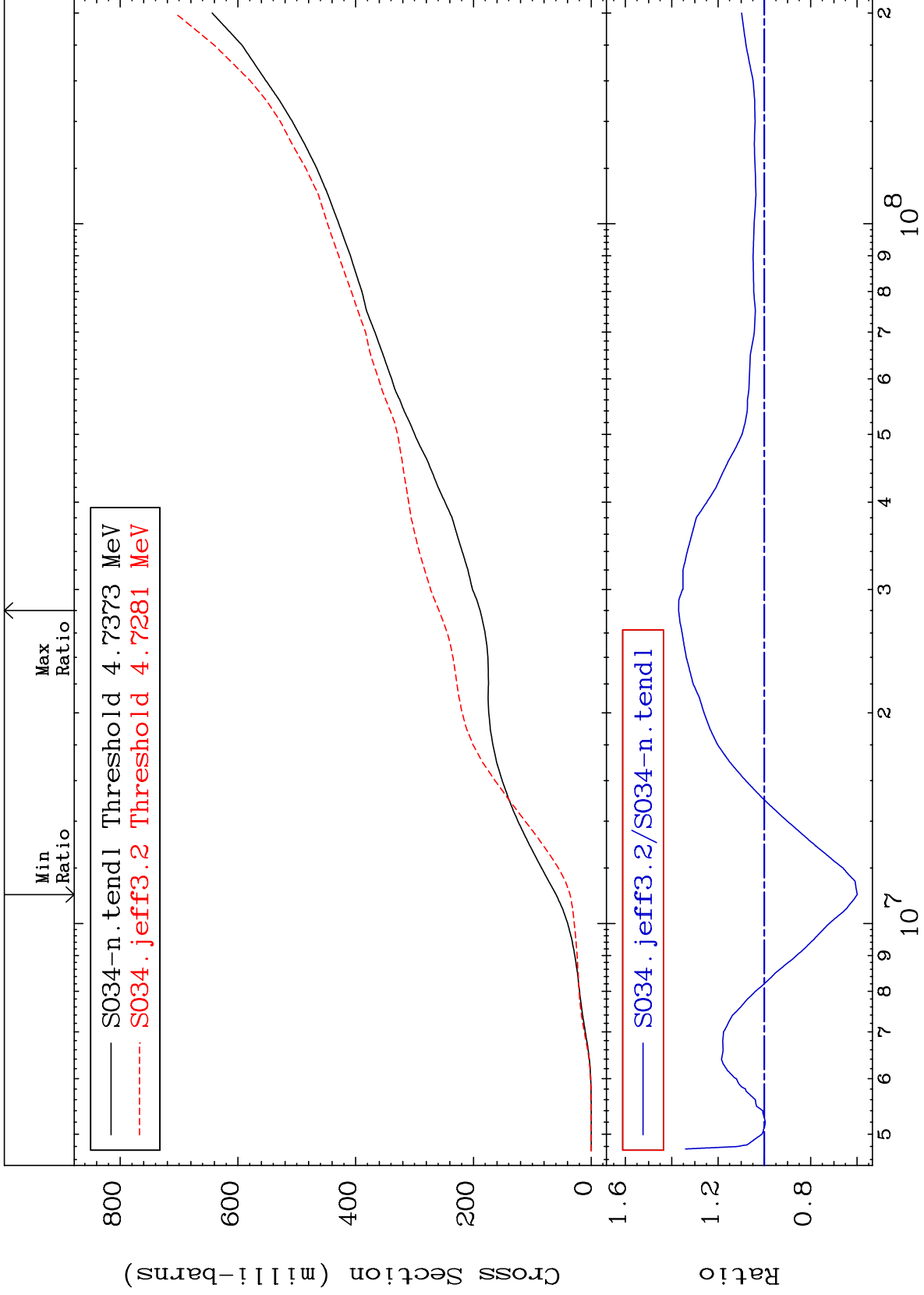
61

16-S -34

MAT 1631

Hydrogen Production
Cross Section

16-S -34
-40.09 To 37.01 %



62

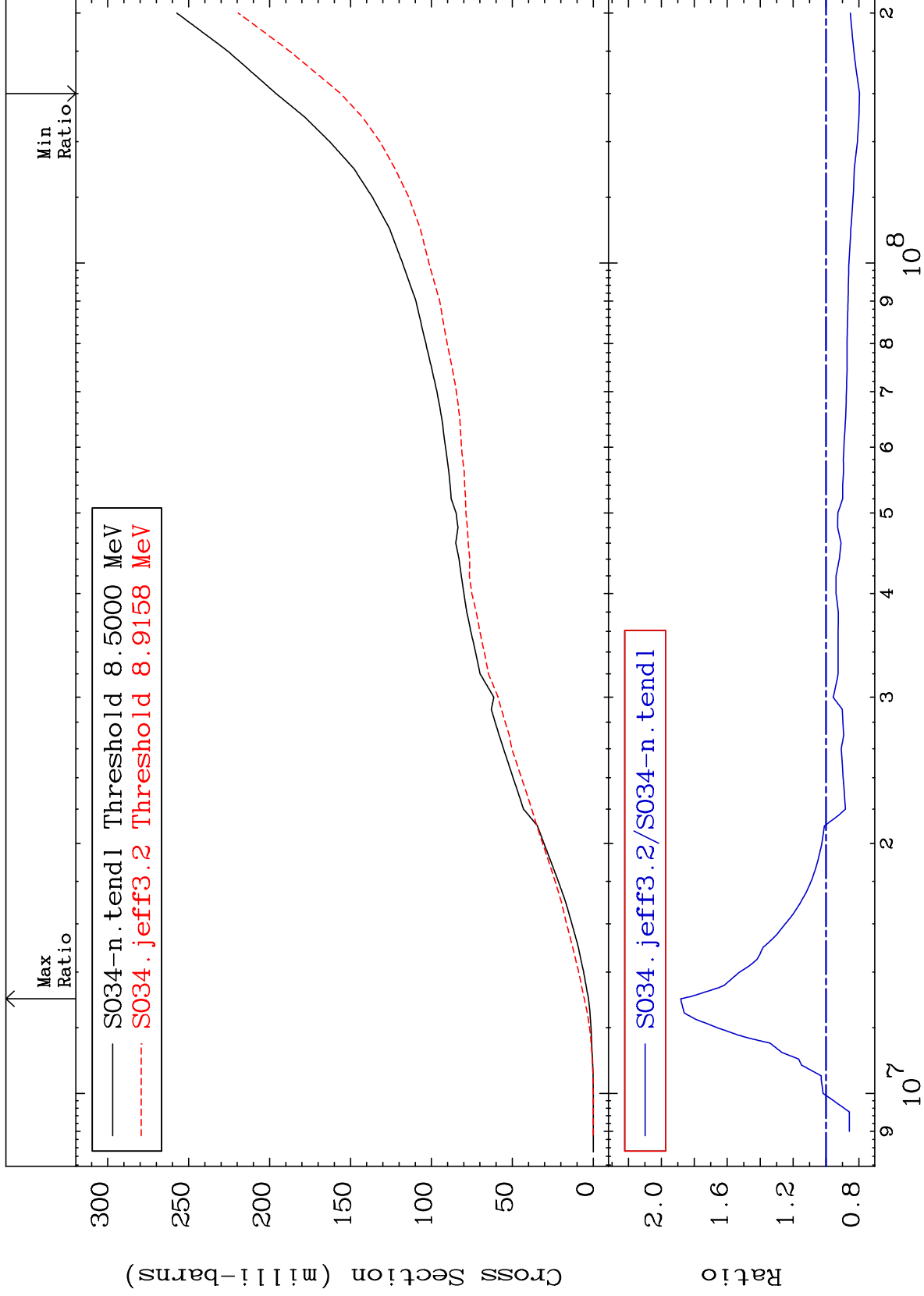
Incident Energy (eV)

16-S -34

MAT 1631

Deuterium Production
Cross Section

16-S -34
-20.36 To 88.22 %



63

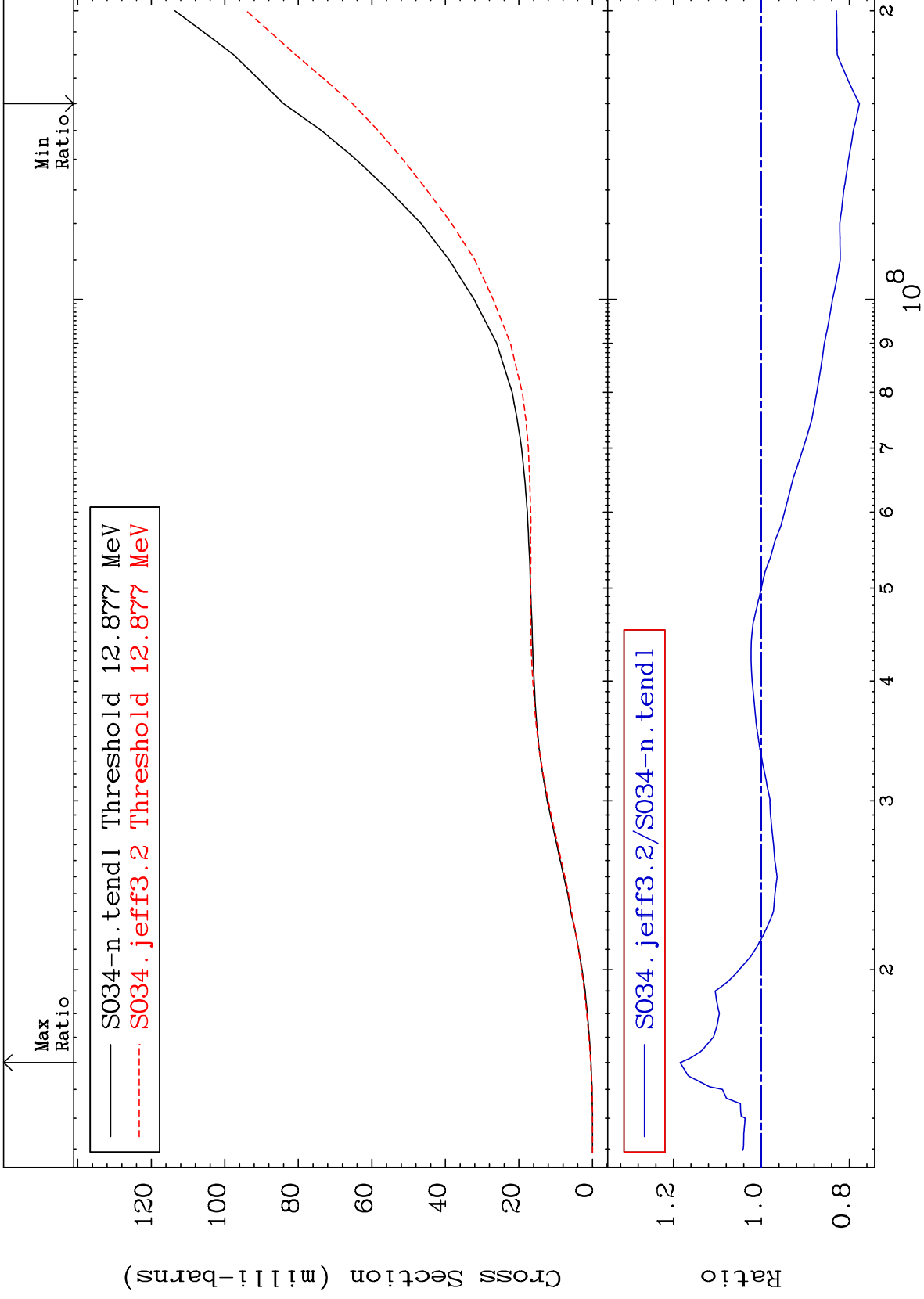
Incident Energy (eV)

16-S -34

MAT 1631

Tritium Production
Cross Section

16-S -34
-22.30 To 18.47 %



64

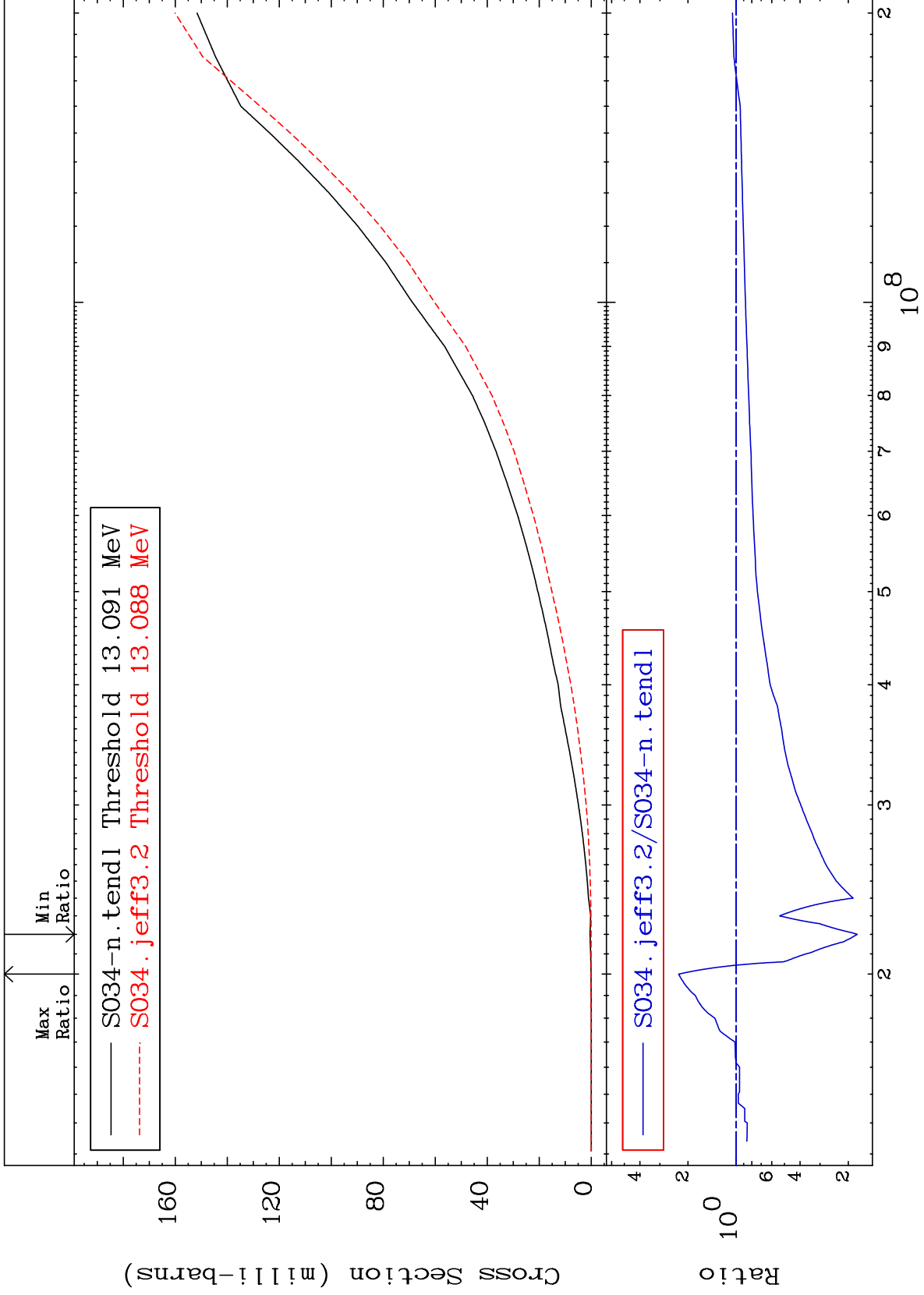
Incident Energy (eV)

16-S -34

MAT 1631

He-3 Production
Cross Section

16-S -34
-82.43 To 128.9 %



65

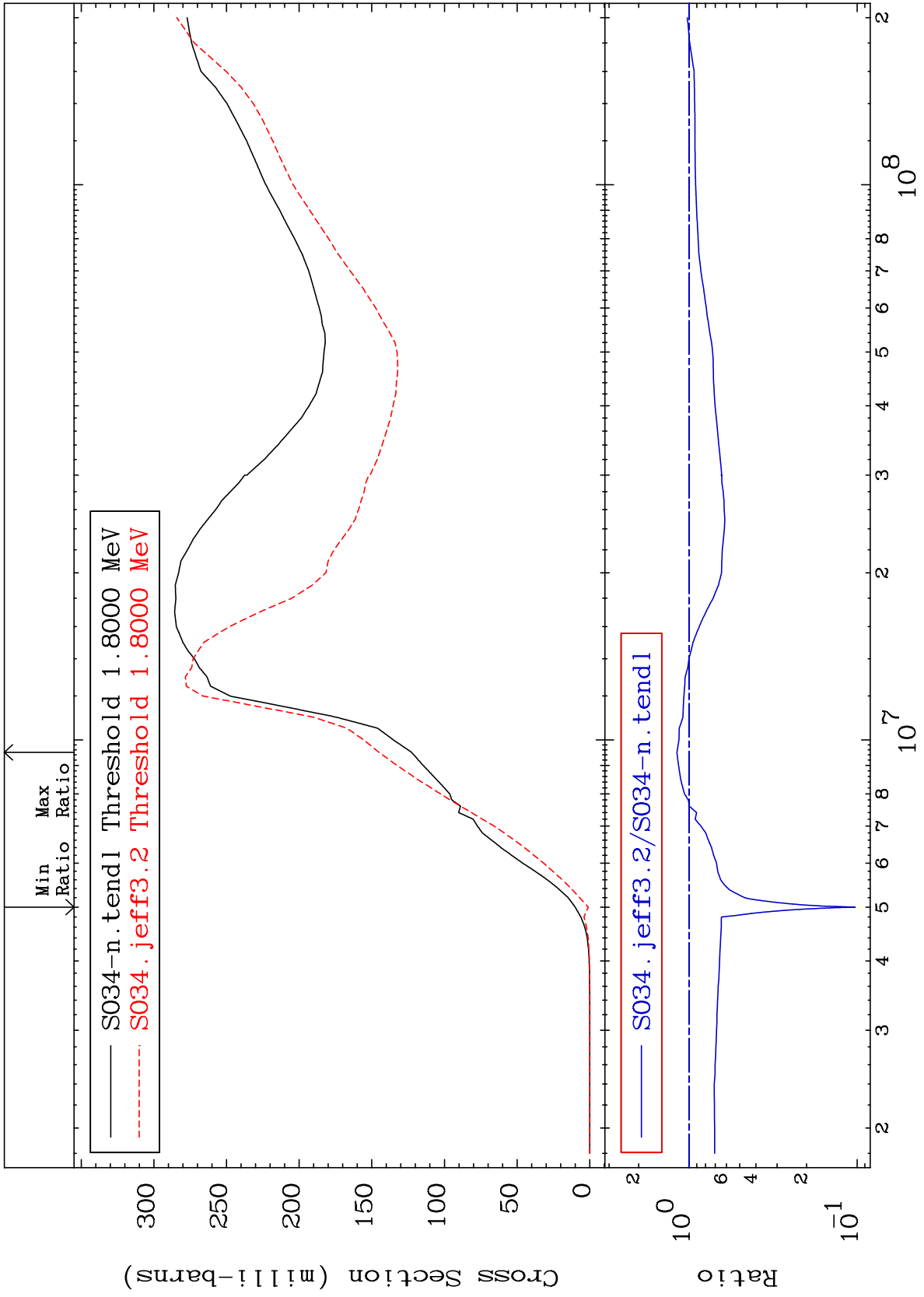
Incident Energy (eV)

16-S -34

MAT 1631

He-4 Production
Cross Section

16-S -34
-89.71 To 18.28 %



66

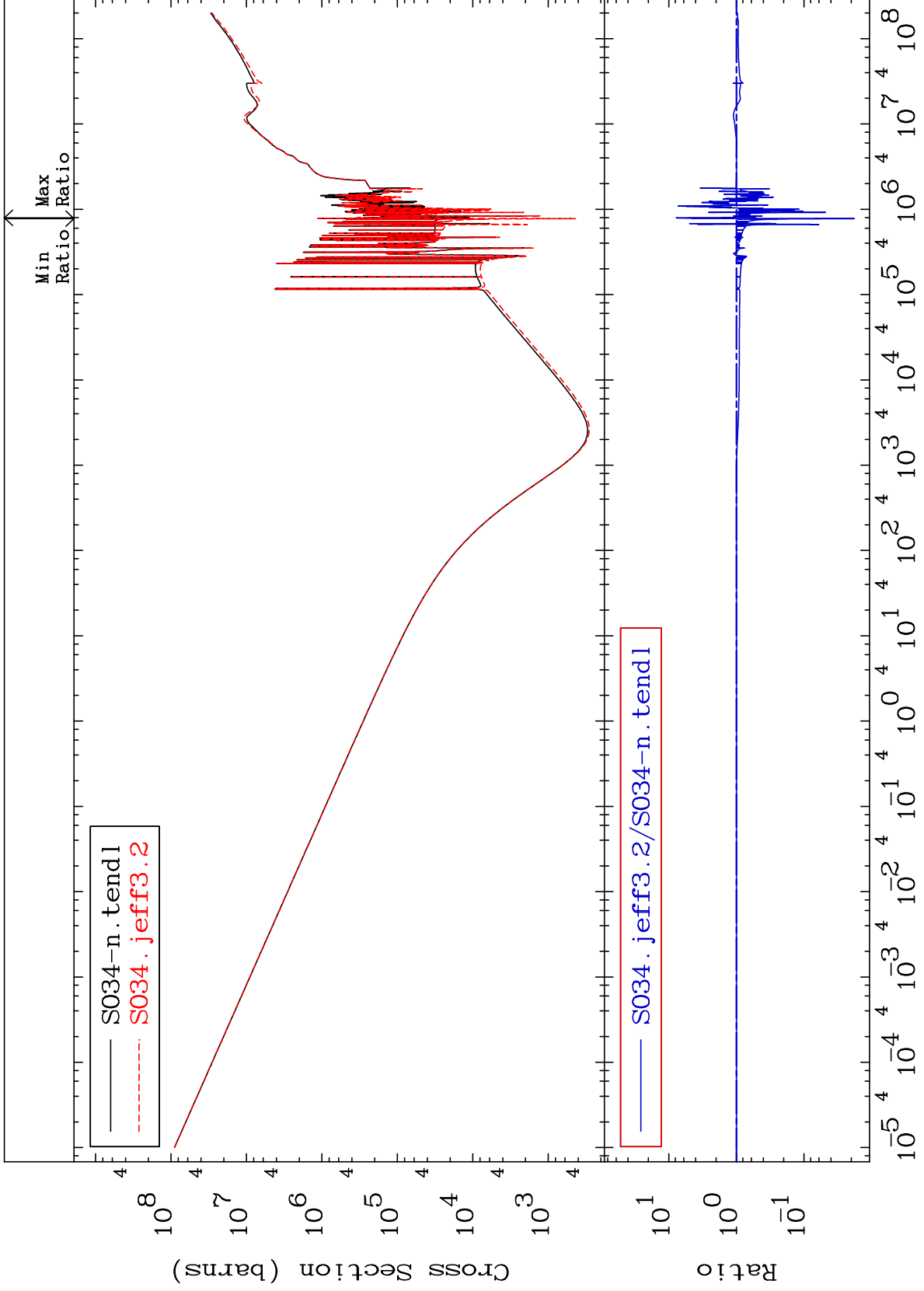
Incident Energy (eV)

16-S -34

MAT 1631

Kerma total (eV-barns)
Cross Section

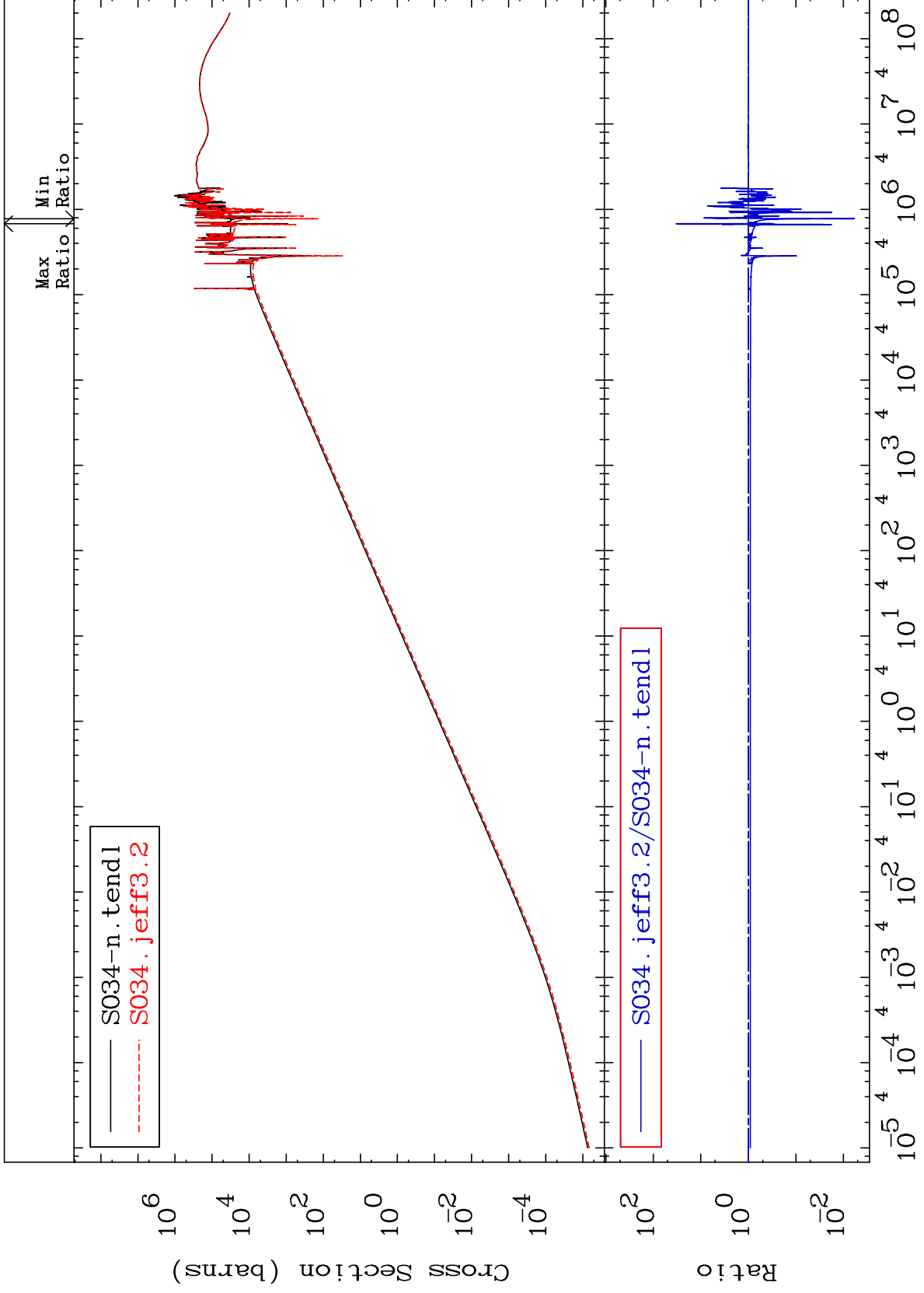
16-S -34
-98.20 To 672.6 %

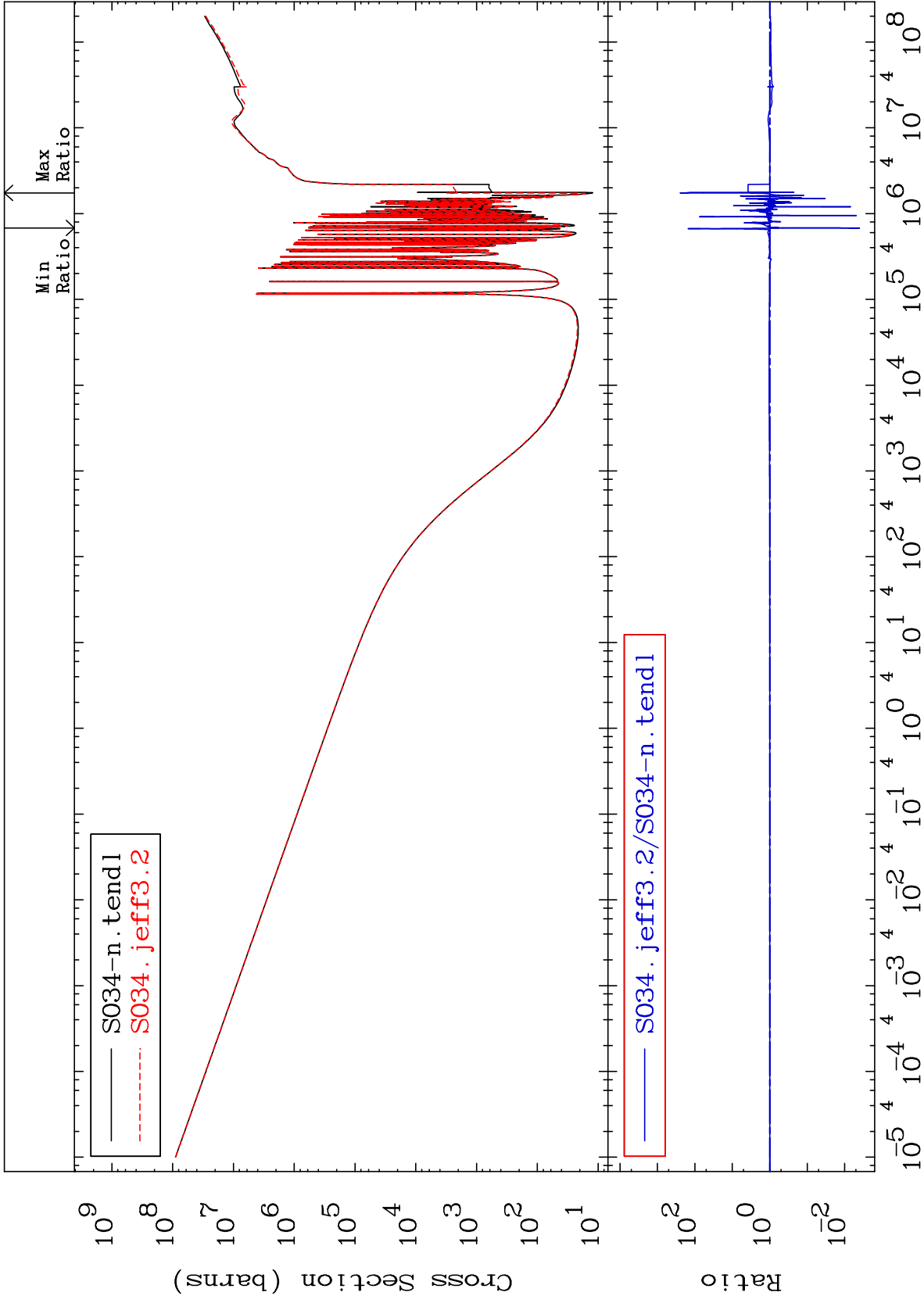


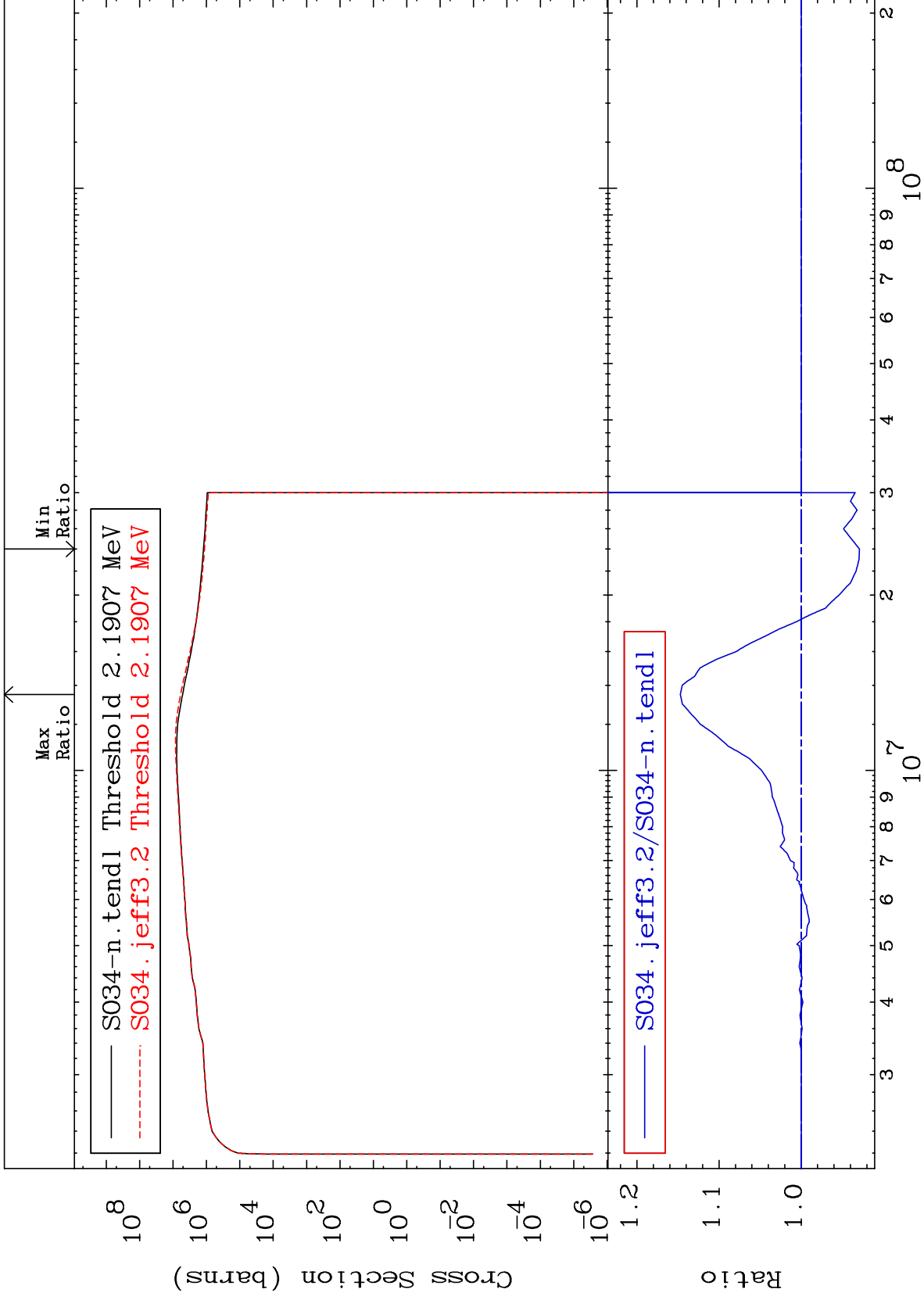
67

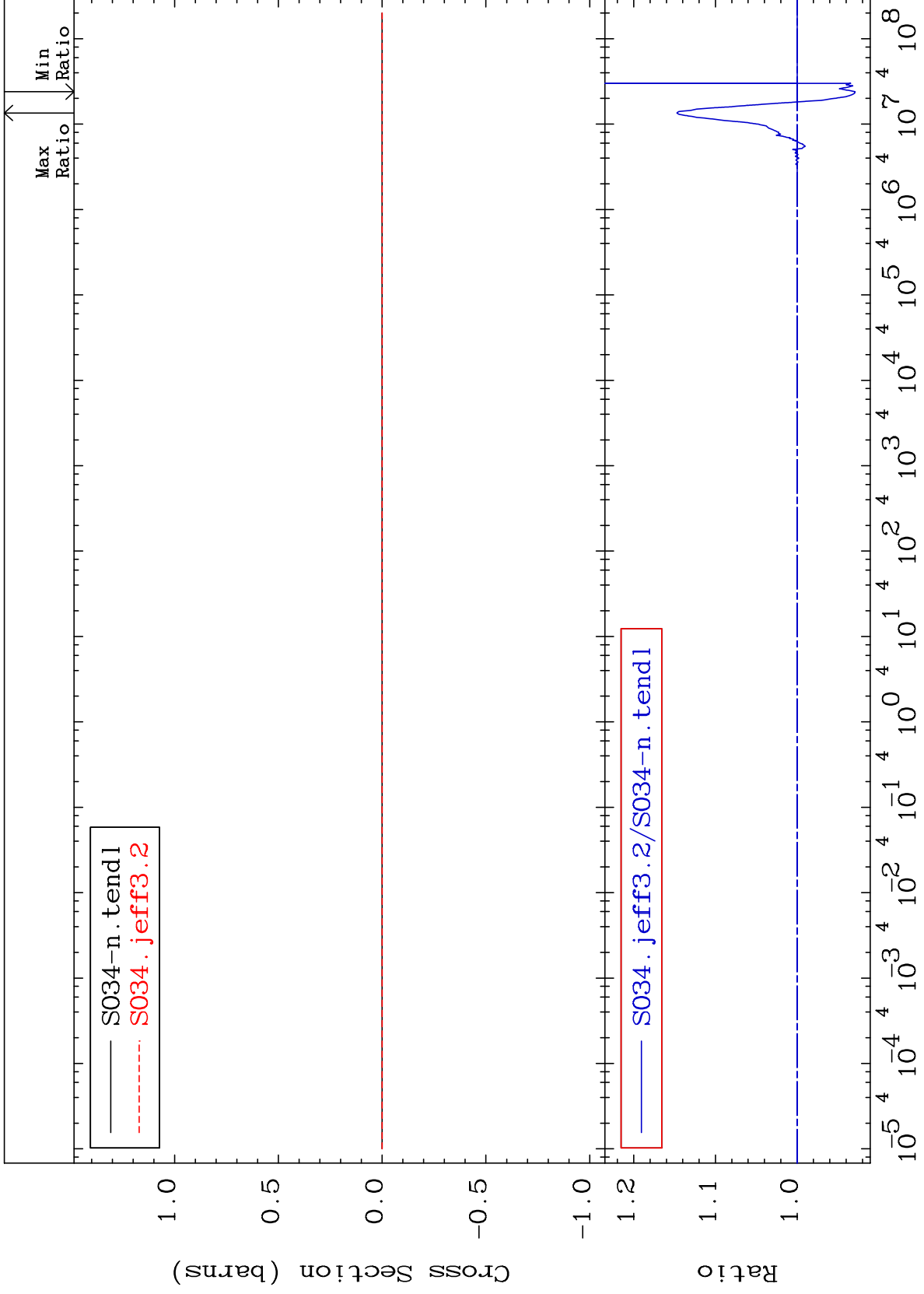
Incident Energy (eV)

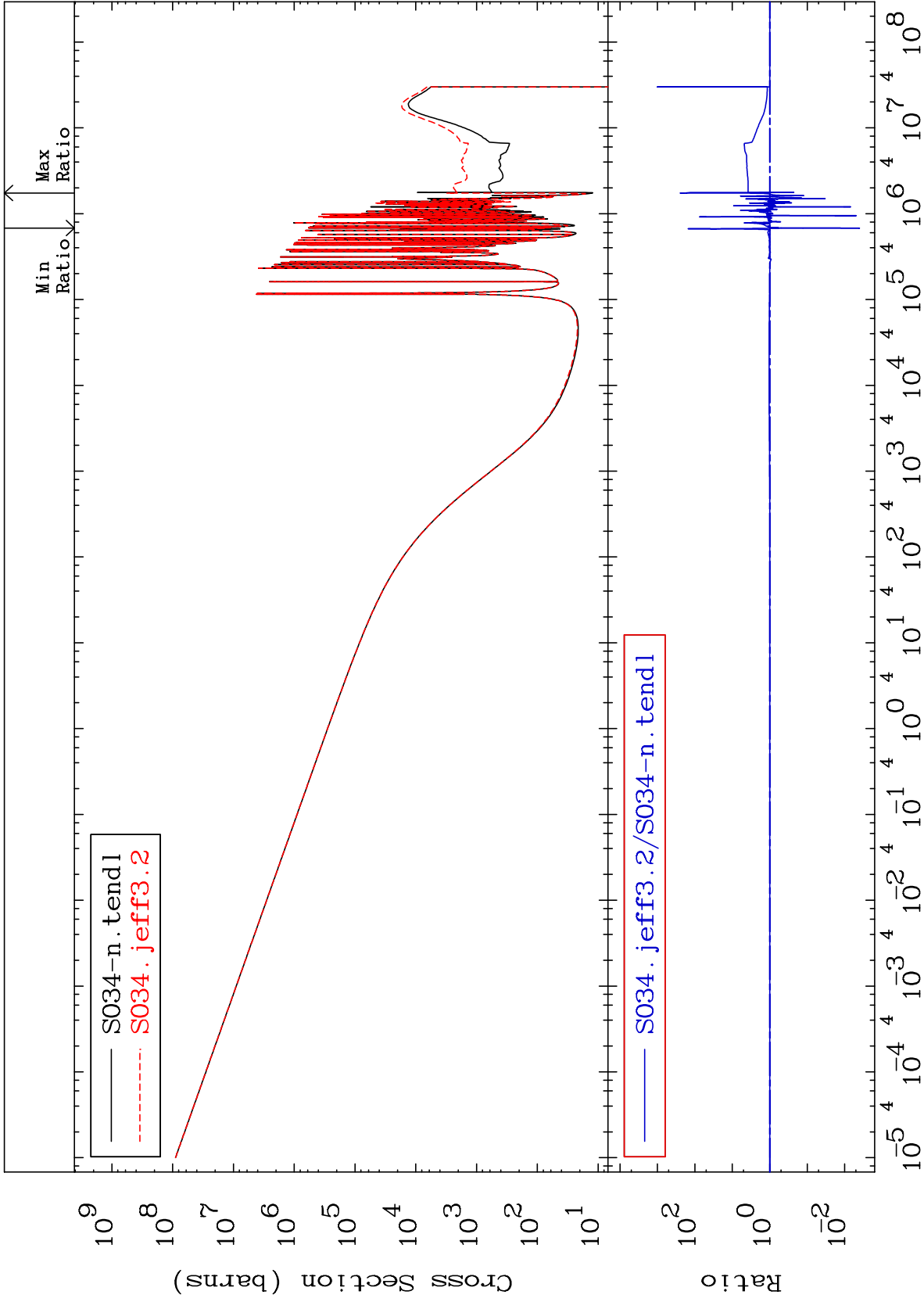
16-S -34







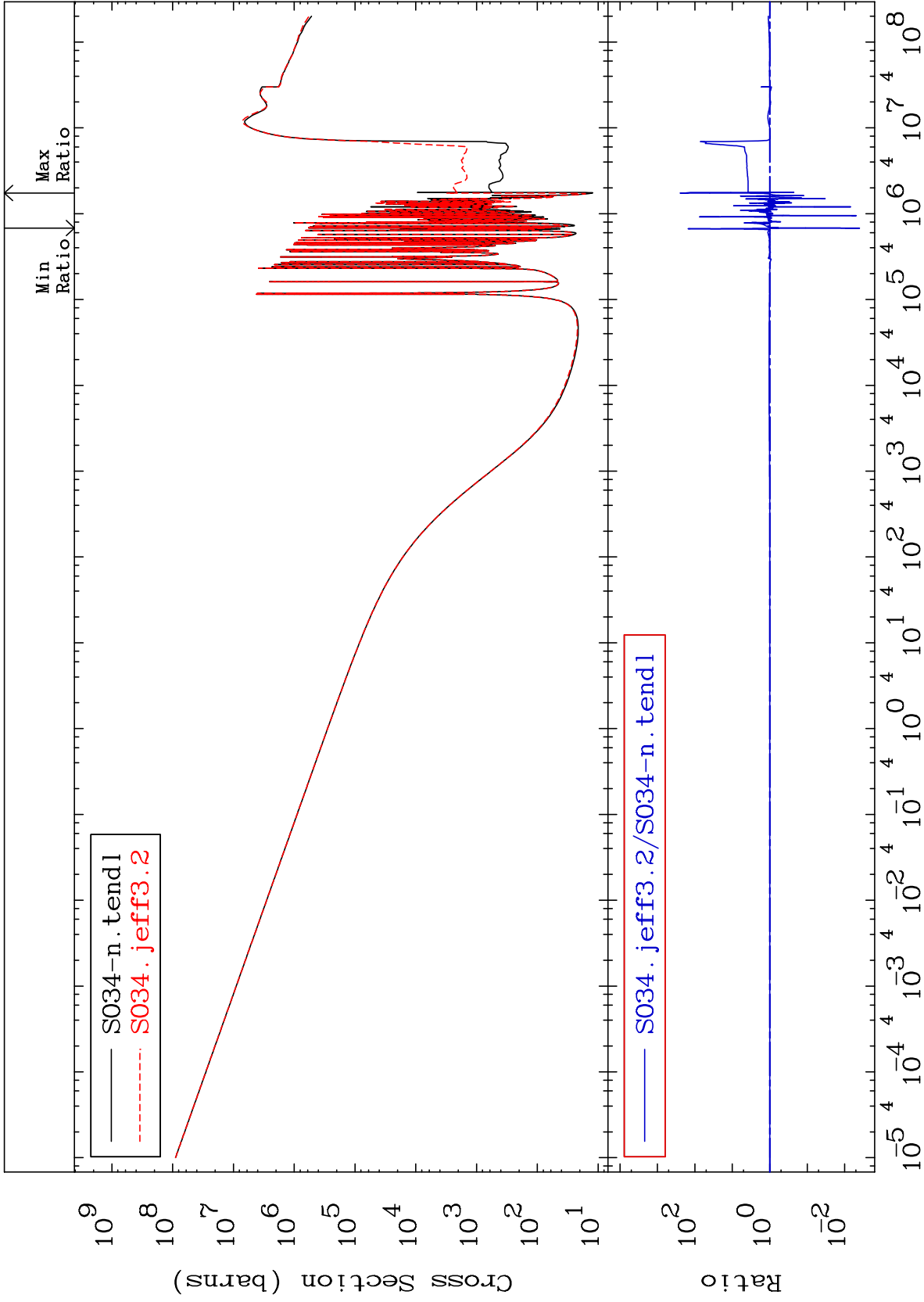




MAT 1631

Total photon (eV-barns)
Cross Section

16-S -34
-99.60 To 9999. %



73

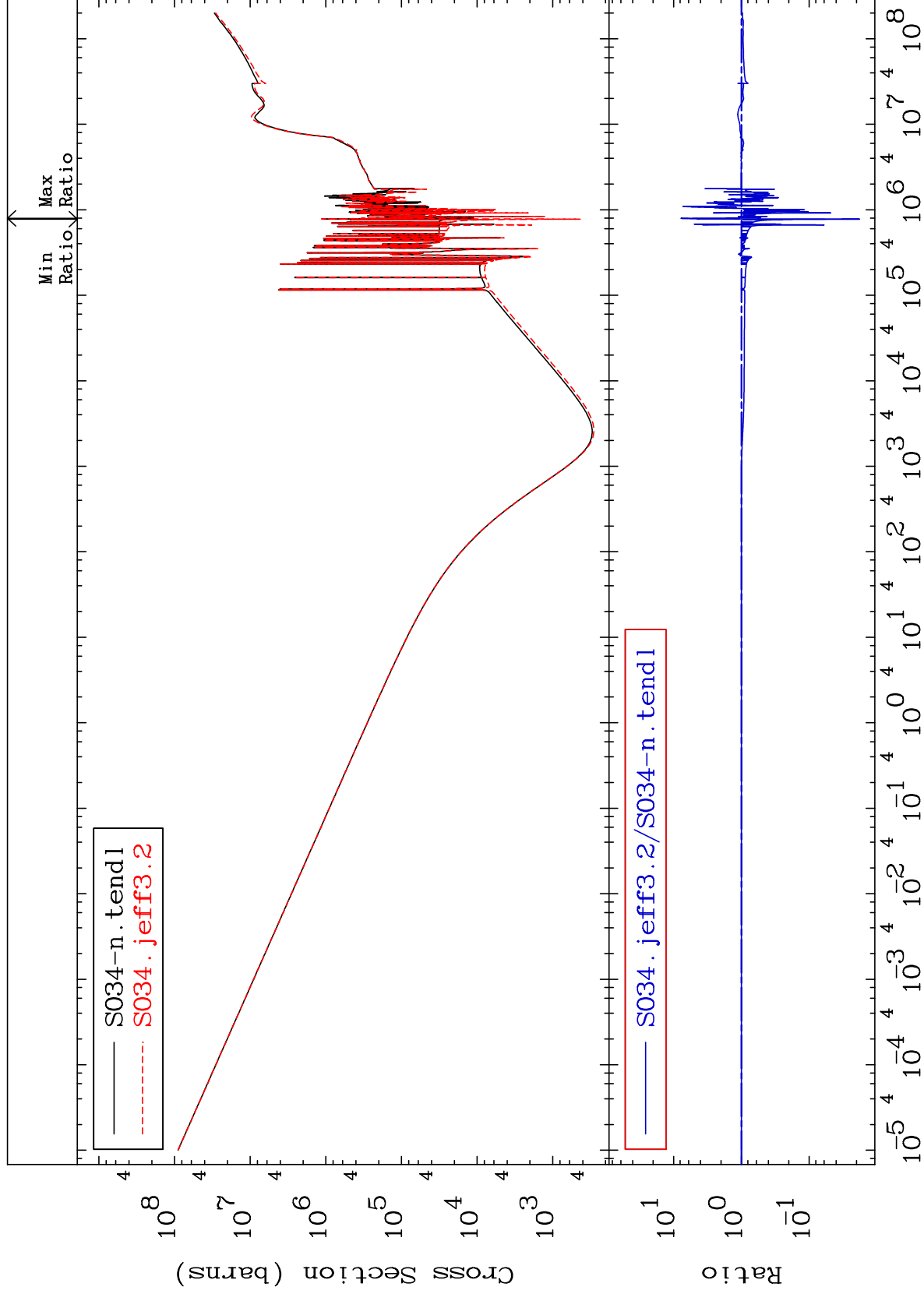
Incident Energy (eV)

16-S -34

MAT 1631

Total kinematic kerma (high limit)
Cross Section

16-S -34
-98.20 To 672.6 %



74

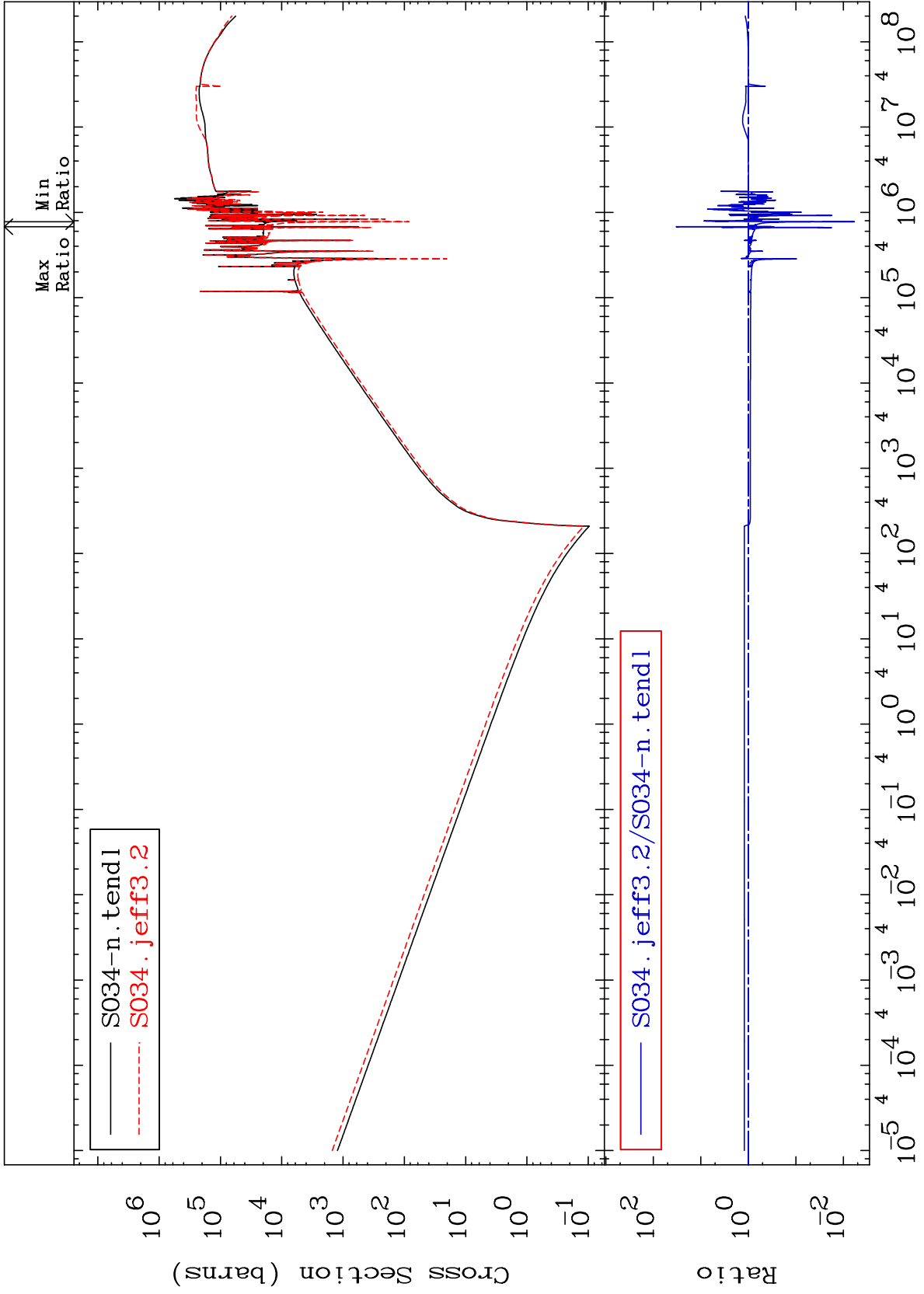
Incident Energy (eV)

16-S -34

MAT 1631

Dpa total (eV-barns)
Cross Section

16-S -34
-99.41 To 3176. %



75

Incident Energy (eV)

16-S -34

