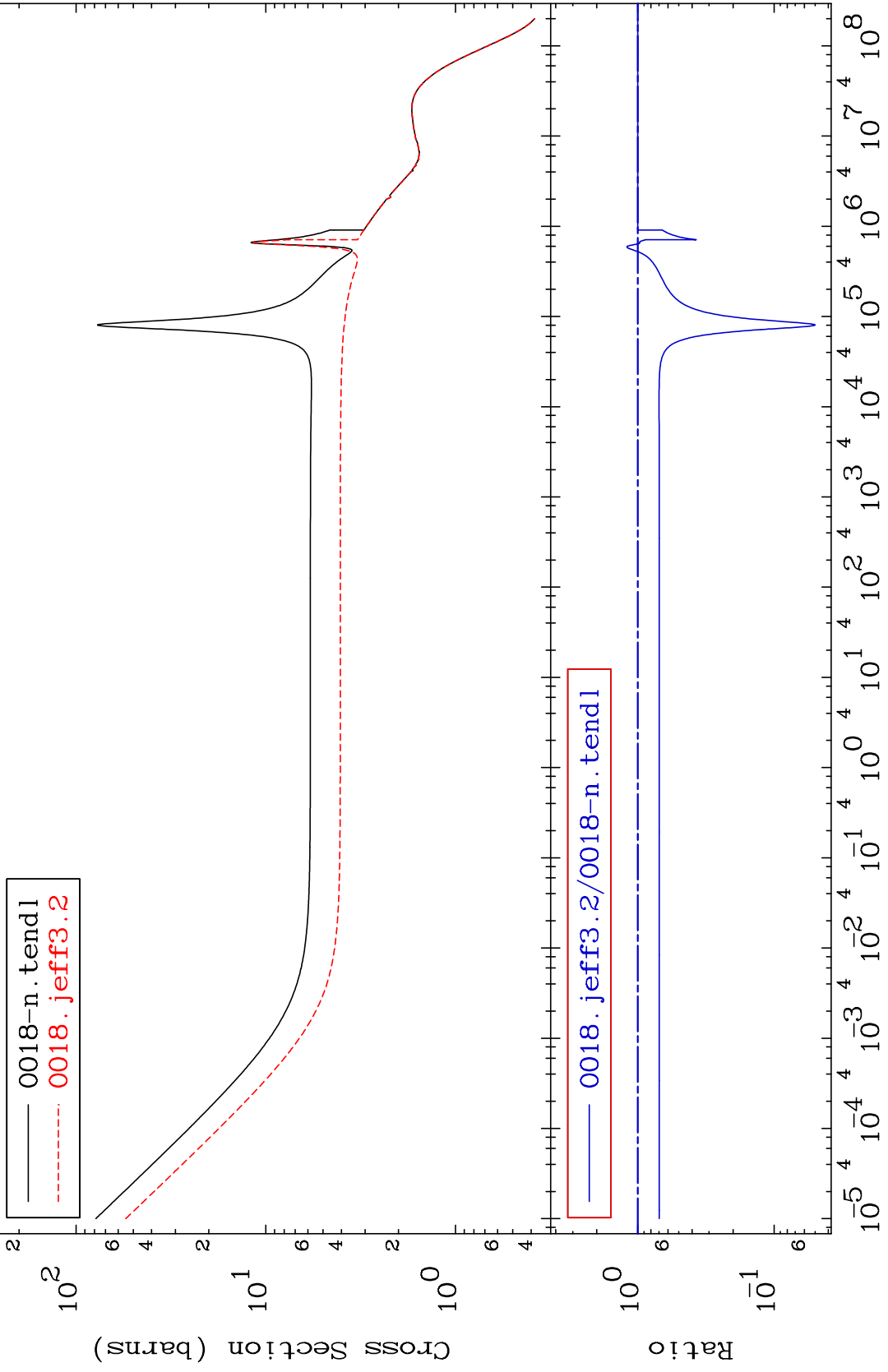


MAT 831

Total
Cross Section

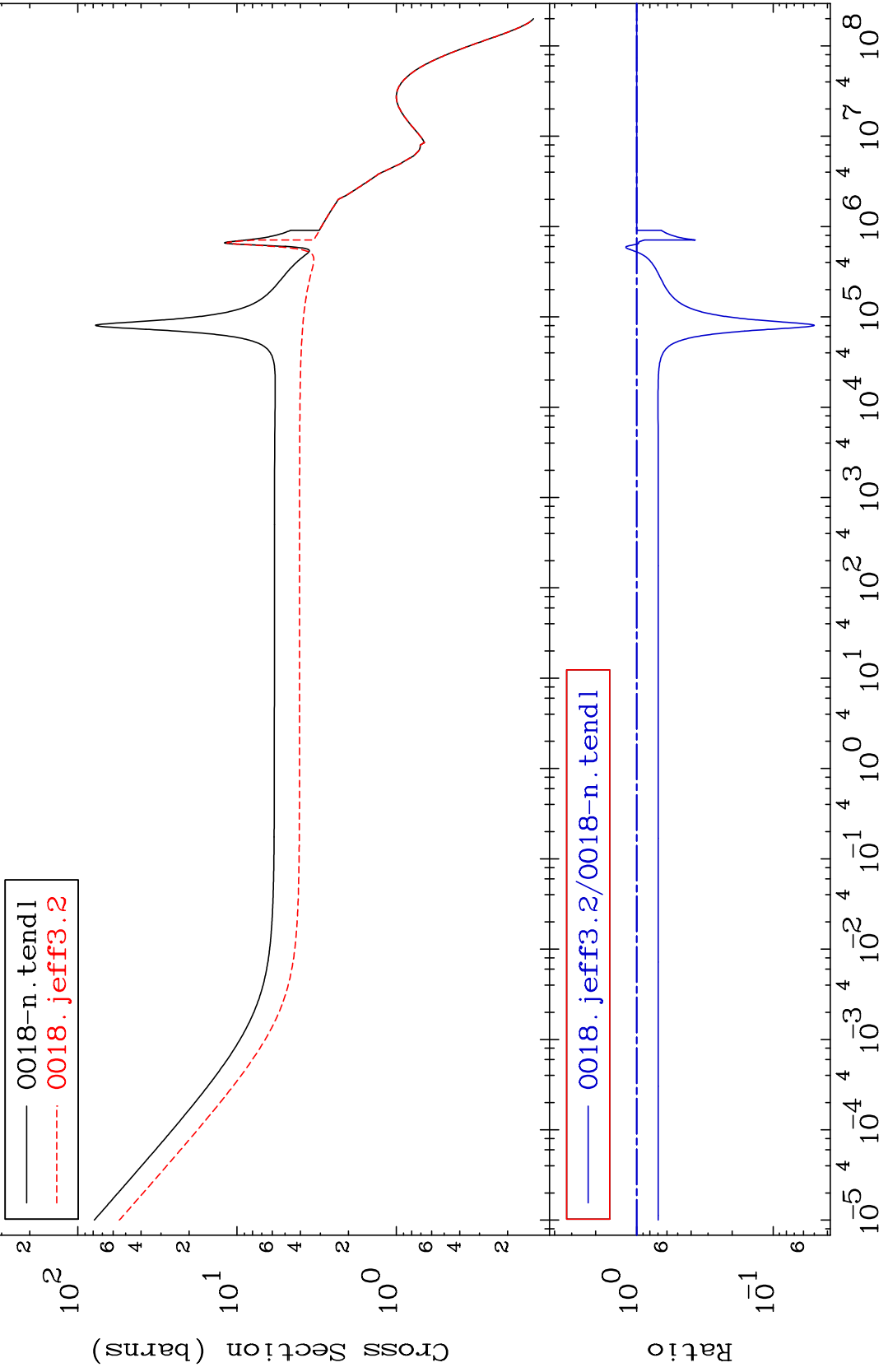
8-0 -18
-95.00 To 20.34 %



MAT 831

Elastic
Cross Section

8-0 -18
-95.00 To 20.34 %

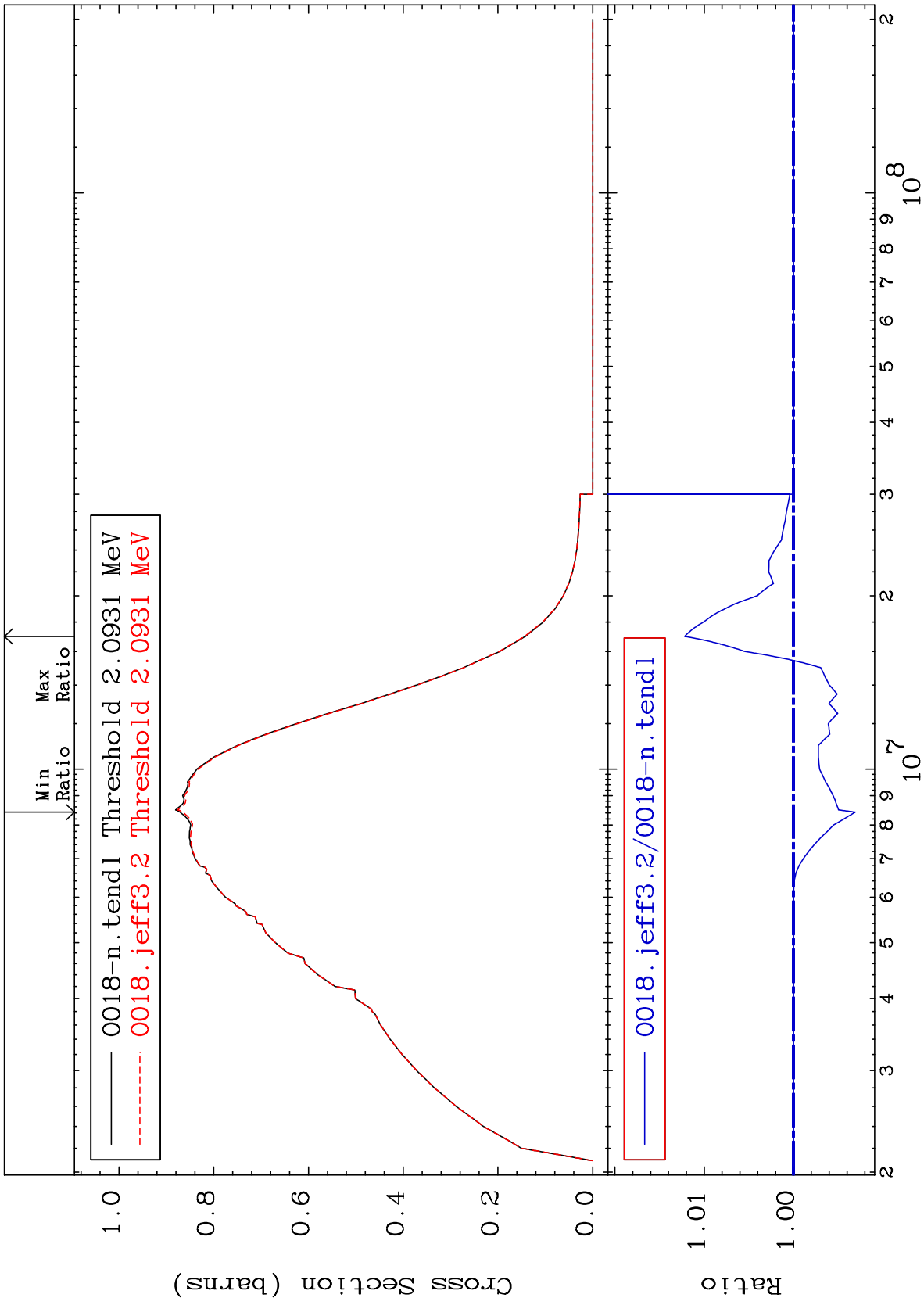


Incident Energy (eV)

8-0 -18

MAT 831

Inelastic Cross Section
8-0 -18
-0.691 To 1.219 %



3

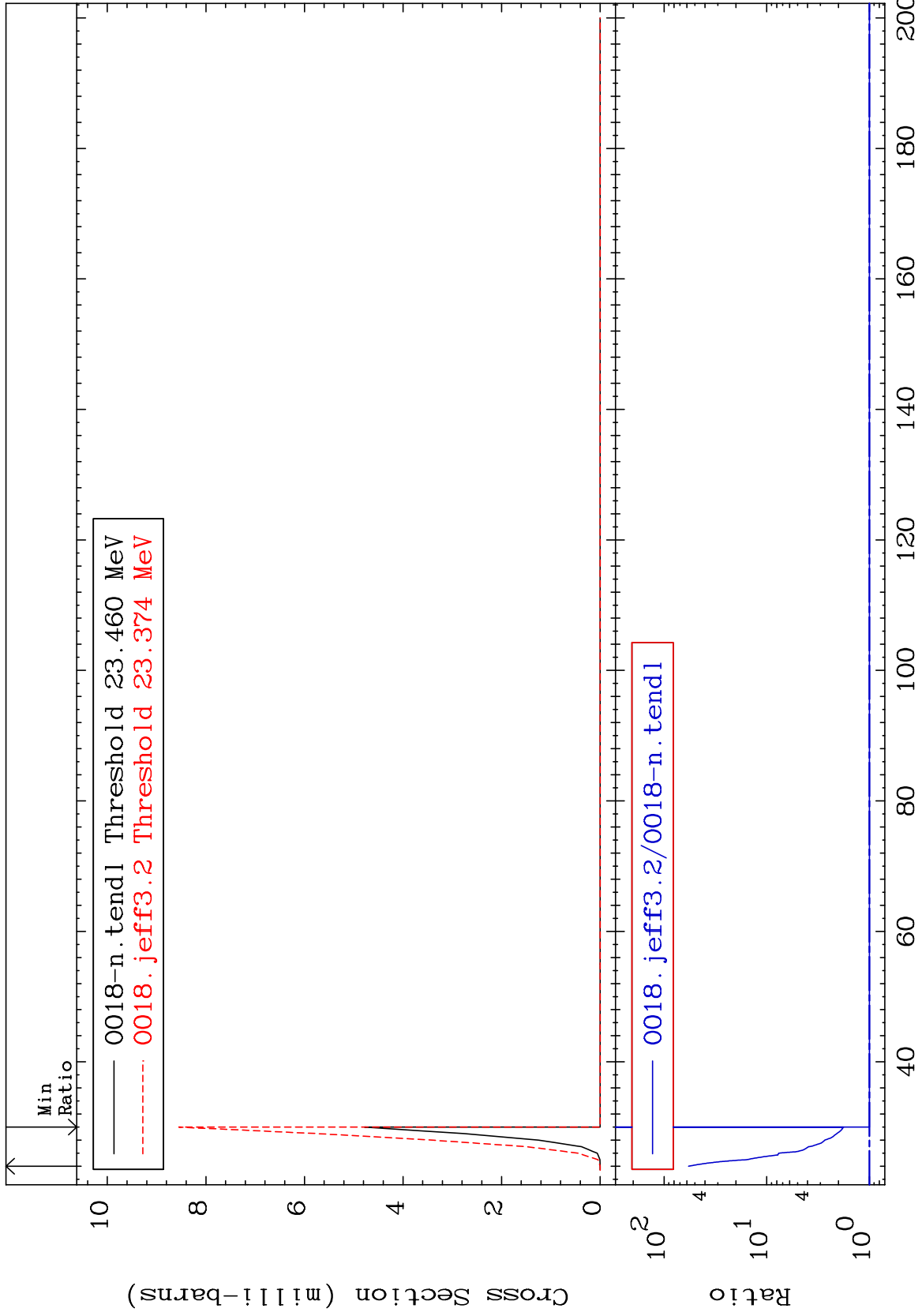
Incident Energy (eV)

8-0 -18

MAT 831

(n,2n) d
Cross Section

8-0 -18
0.000 To 5667. %



4

Incident Energy (MeV)

8-0 -18

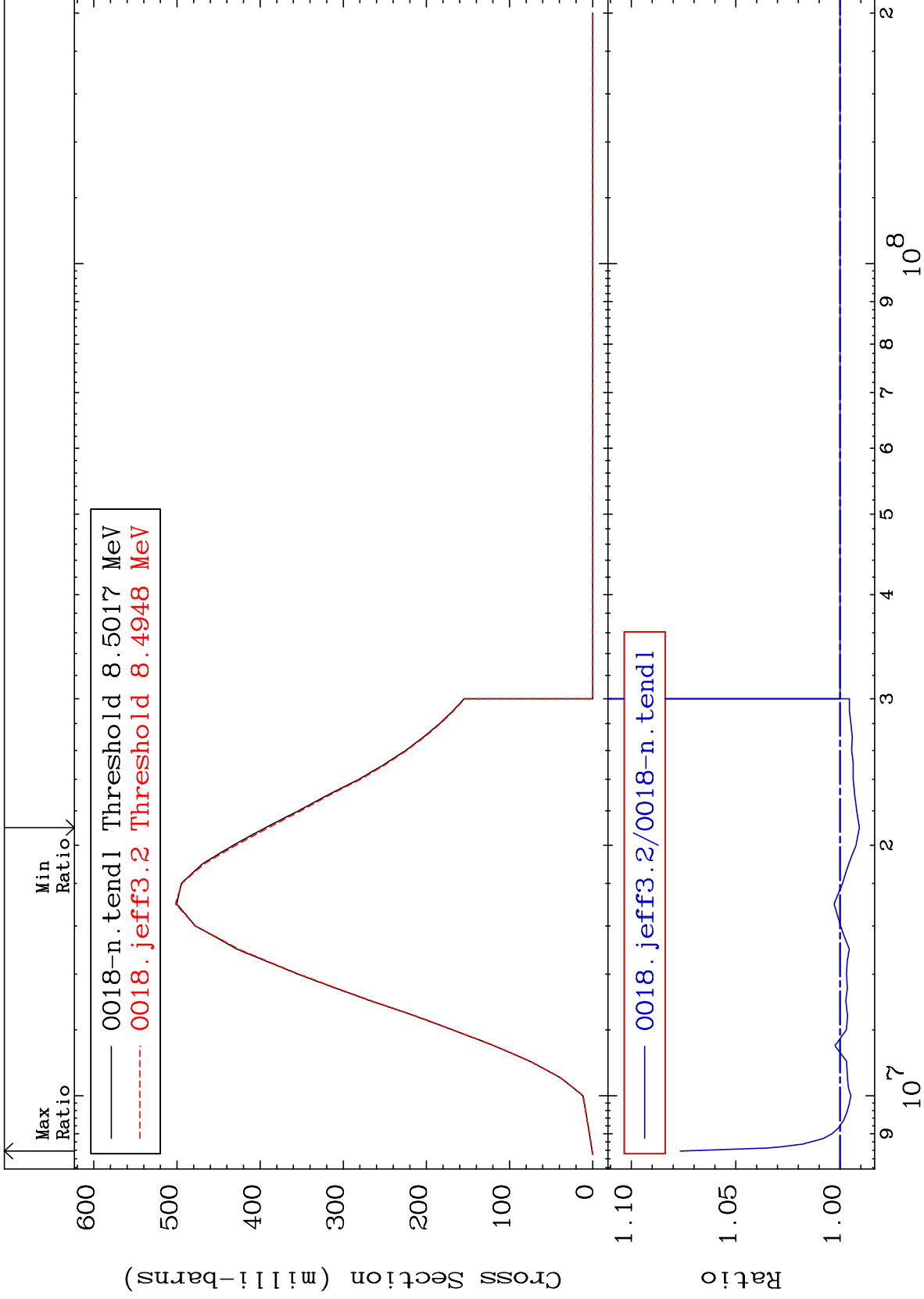
MAT 831

(n,2n)

8-0 -18

Cross Section

-0.928 To 7.653 %



5

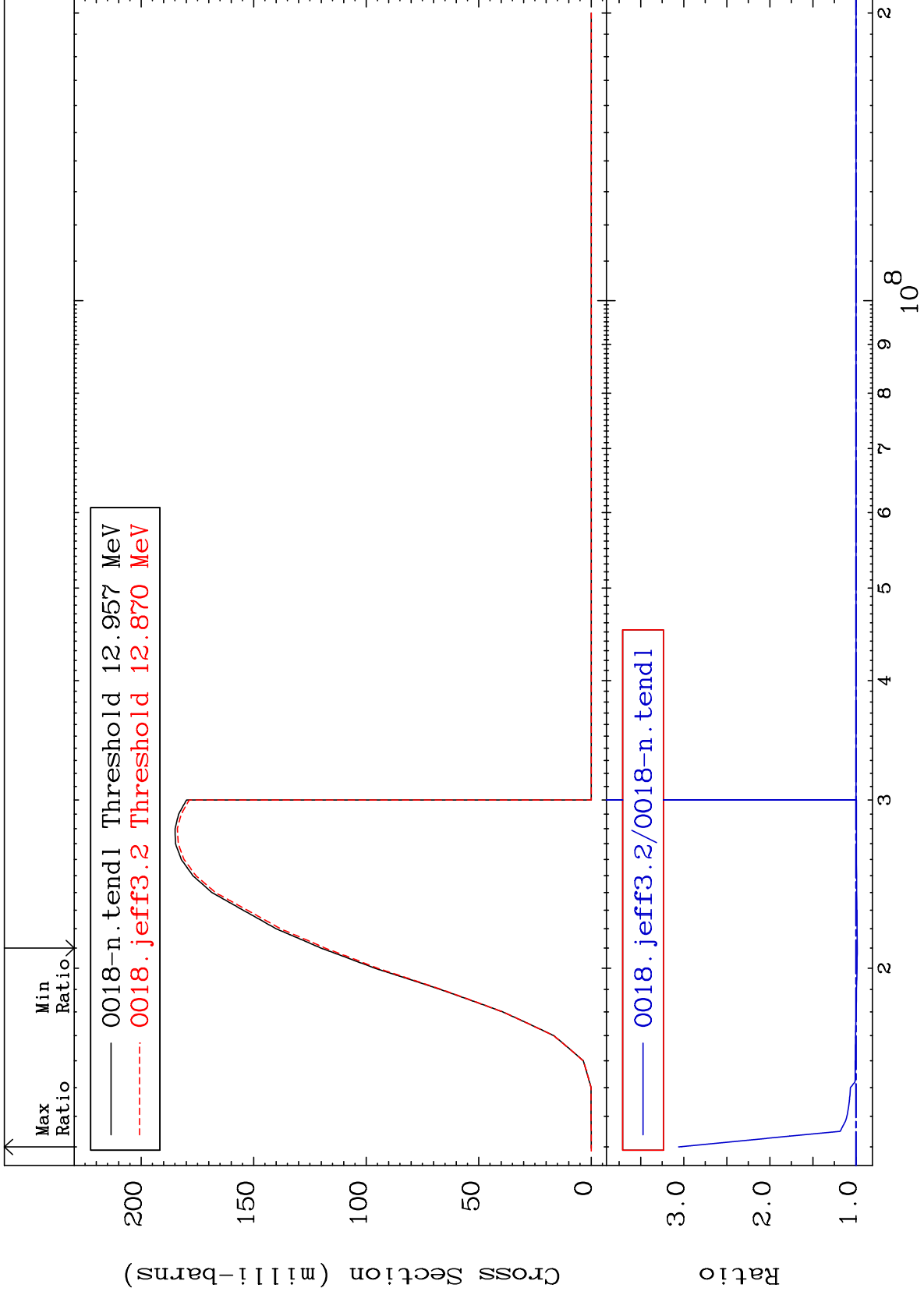
Incident Energy (eV)

8-0 -18

MAT 831

(n,3n)
Cross Section

8-0 -18
-1.569 To 205.9 %



6

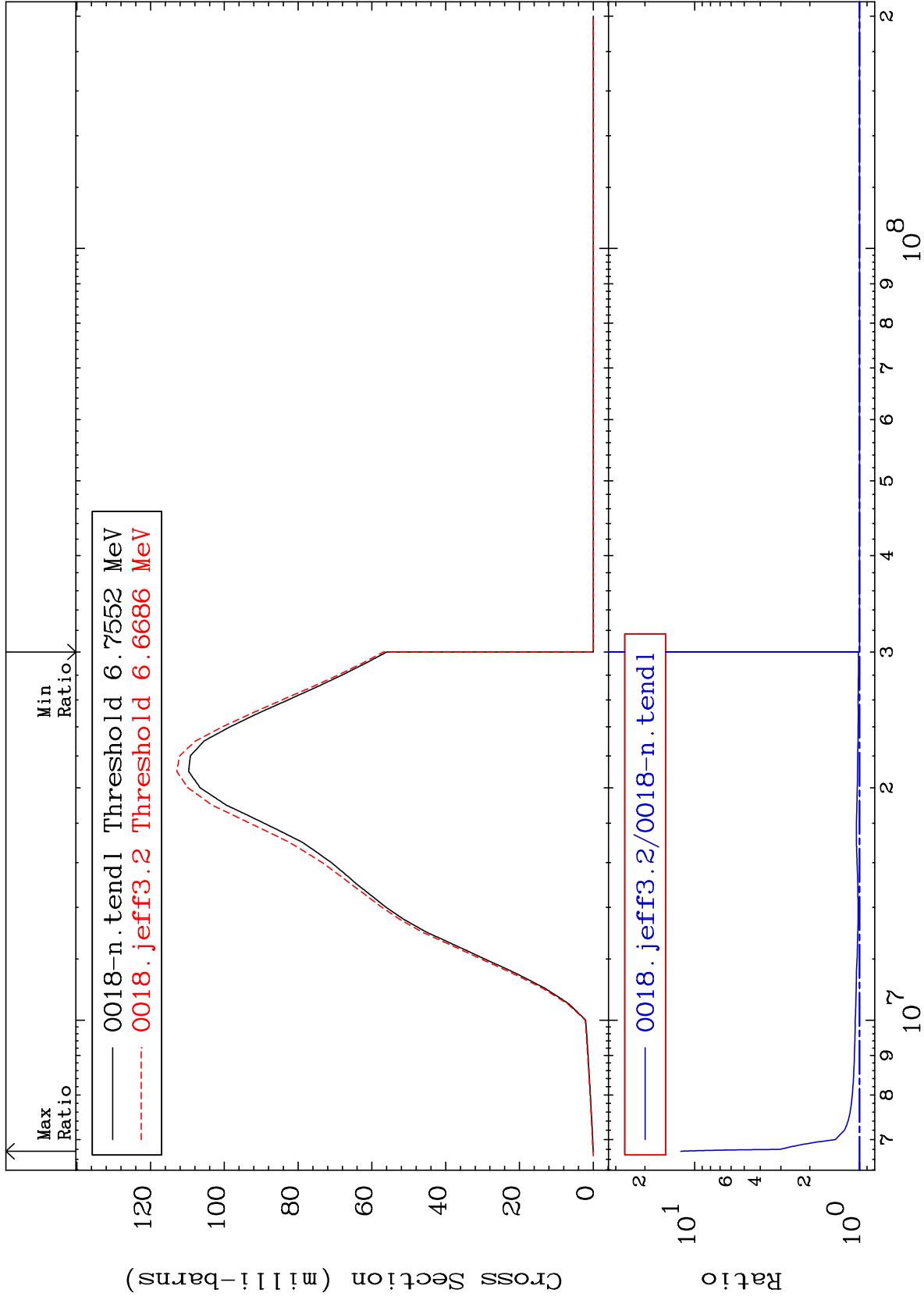
Incident Energy (eV)

8-0 -18

MAT 831

(n,n') α
Cross Section

8-0 -18
0.000 To 1112. %



7

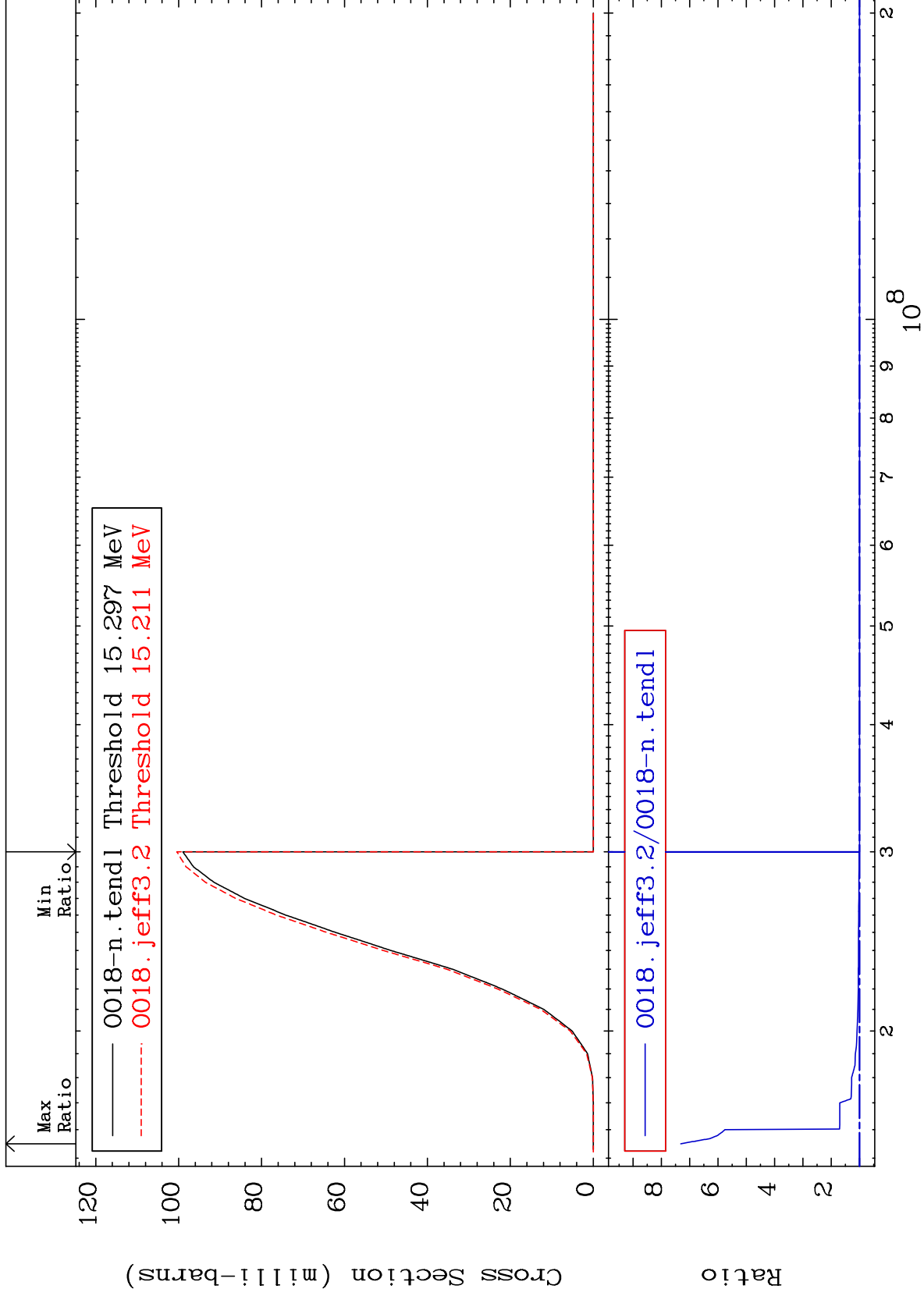
Incident Energy (eV)

8-0 -18

MAT 831

(n,2n) α
Cross Section

8-0 -18
0.000 To 631.7 %



8

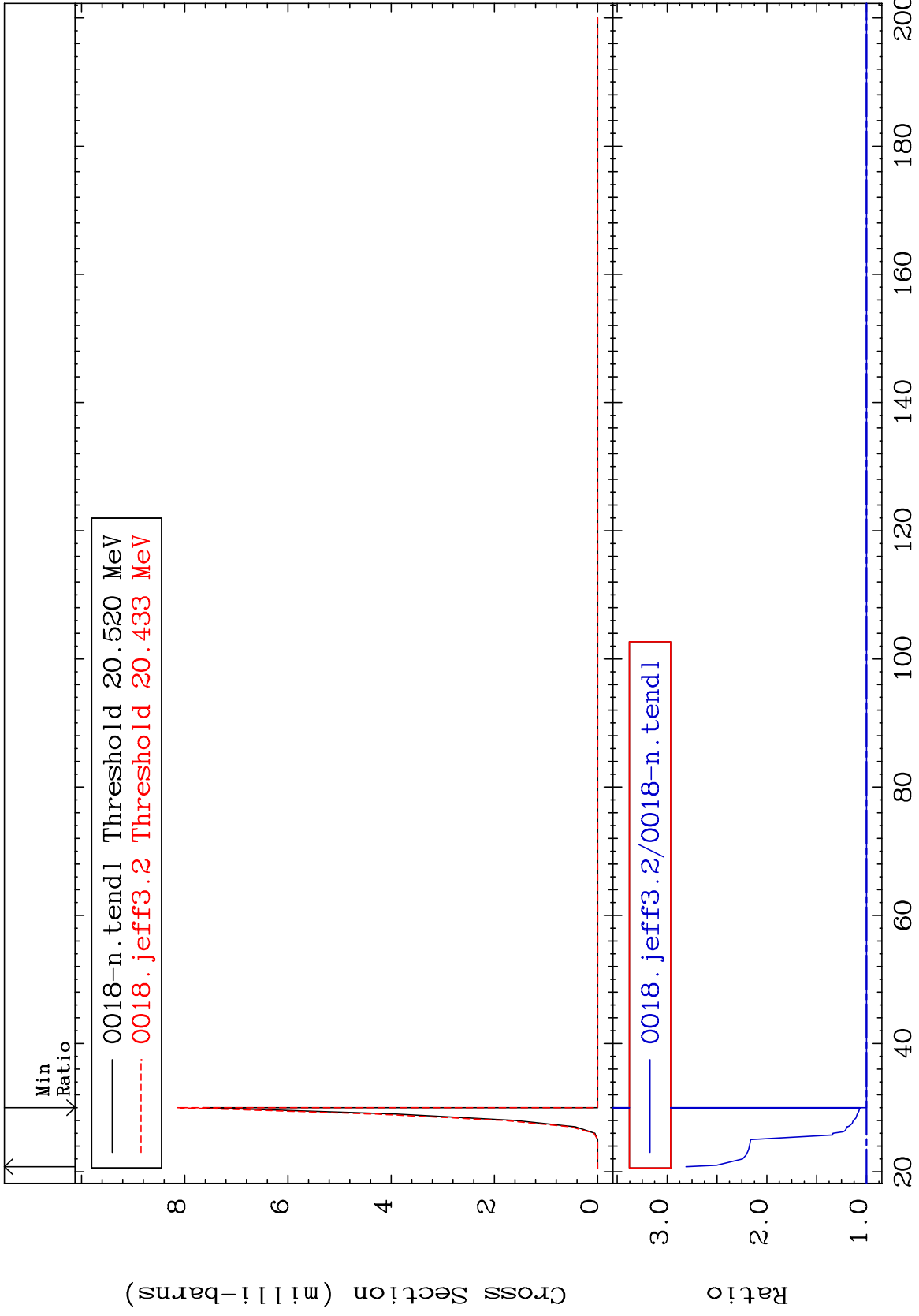
Incident Energy (eV)

8-0 -18

MAT 831

(n,3n) α
Cross Section

8-0 -18
0.000 To 181.1 %



Incident Energy (MeV)

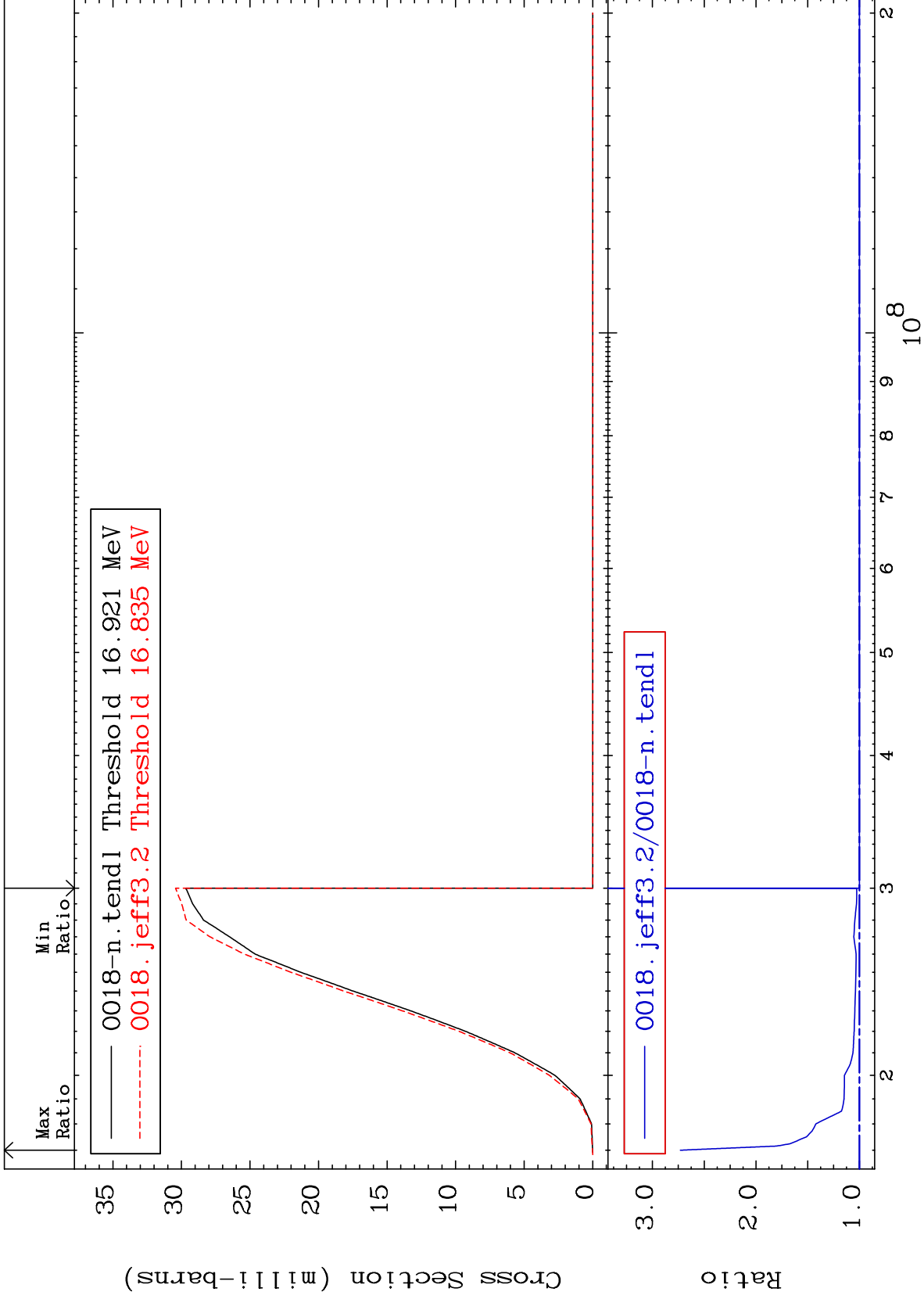
8-0 -18

9

MAT 831

(n,n') p
Cross Section

8-0 -18
0.000 To 173.0 %



10

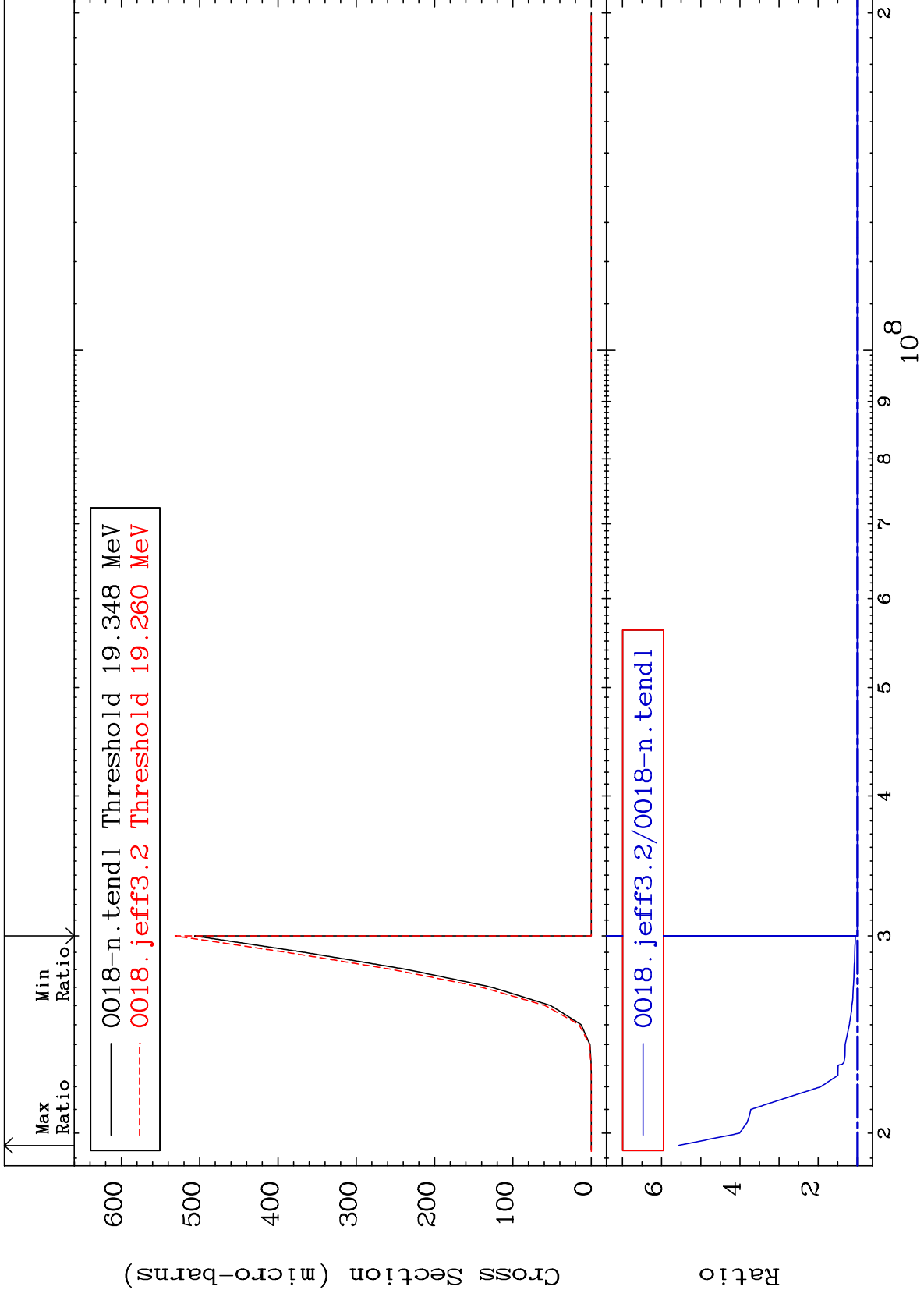
Incident Energy (eV)

8-0 -18

MAT 831

(n,n') 2α
Cross Section

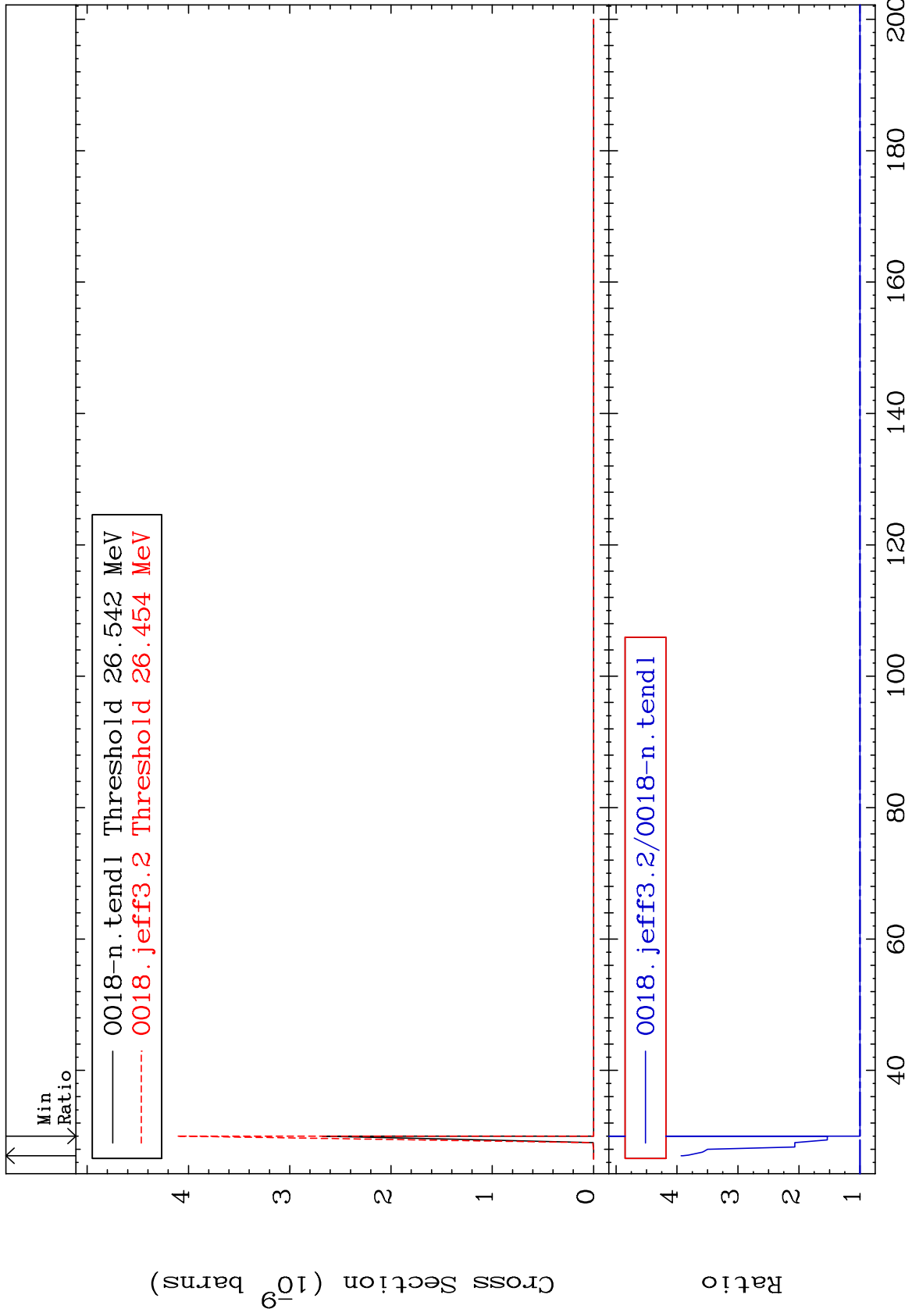
8-0 -18
0.000 To 456.5 %



MAT 831

(n,2n) 2α
Cross Section

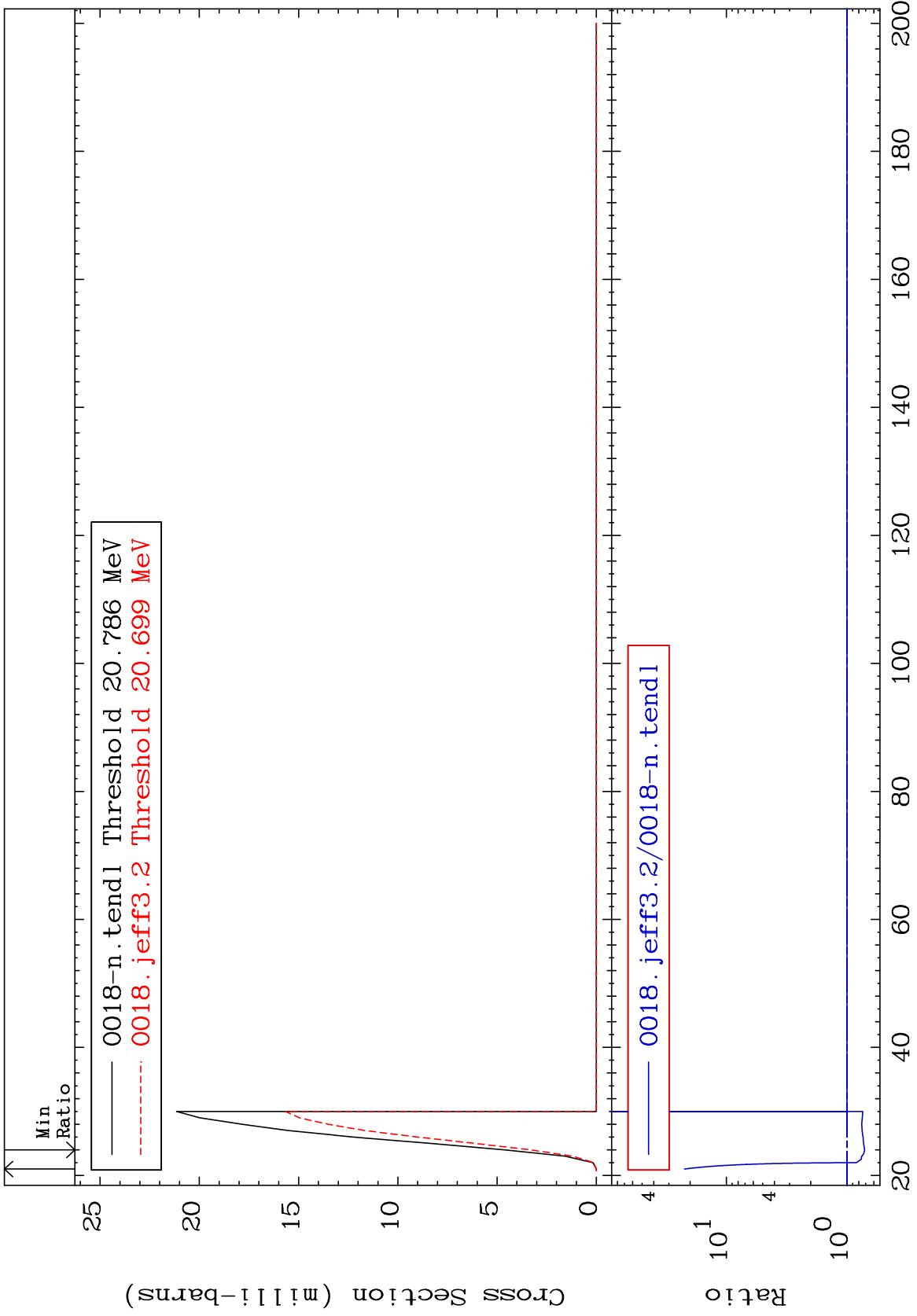
8-0 -18
0.000 To 293.3 %



MAT 831

(n,n') d
Cross Section

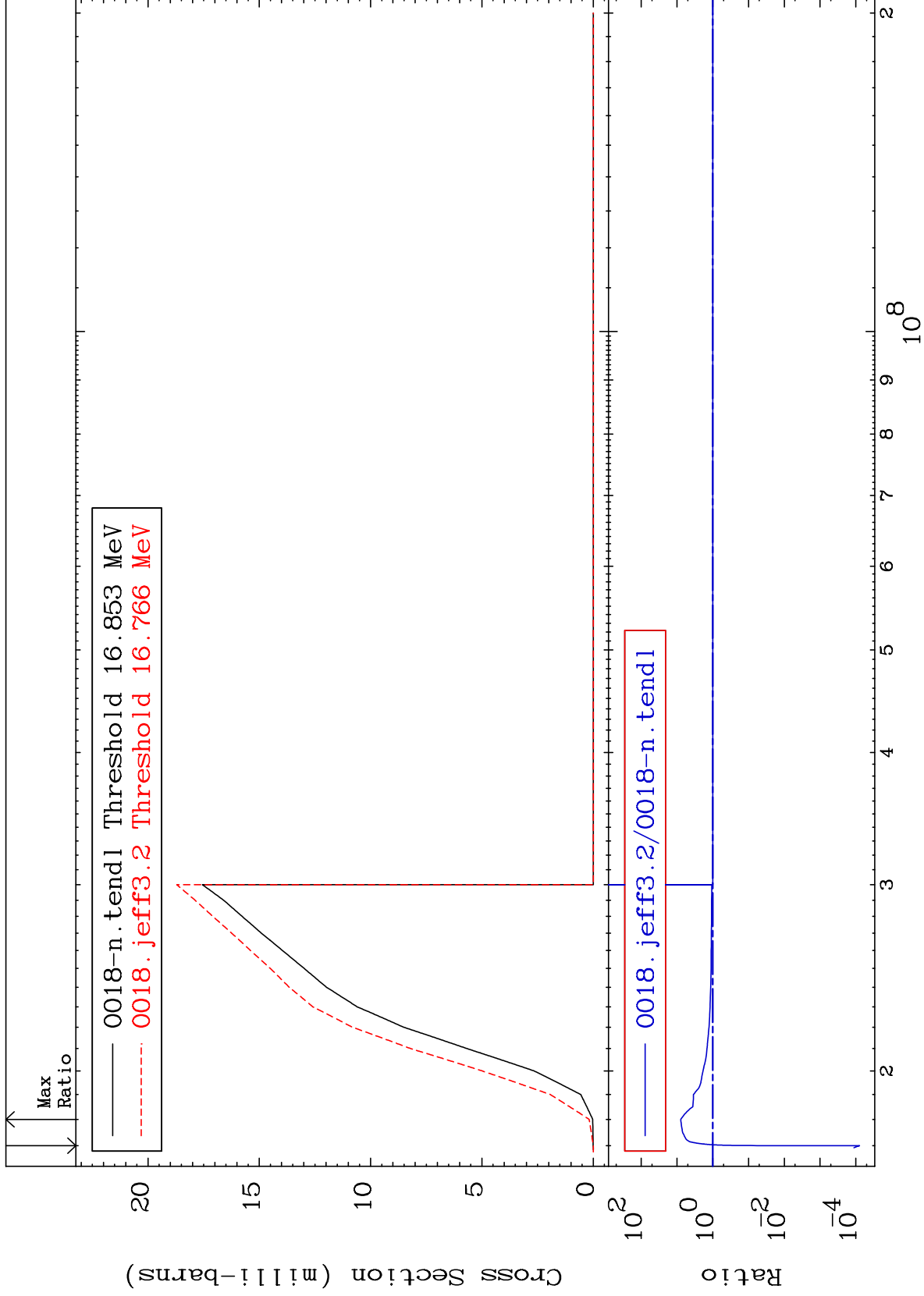
8-0 -18
-28.46 To 2128. %



MAT 831

(n,n') t
Cross Section

8-0 -18
-99.99 To 682.7 %



14

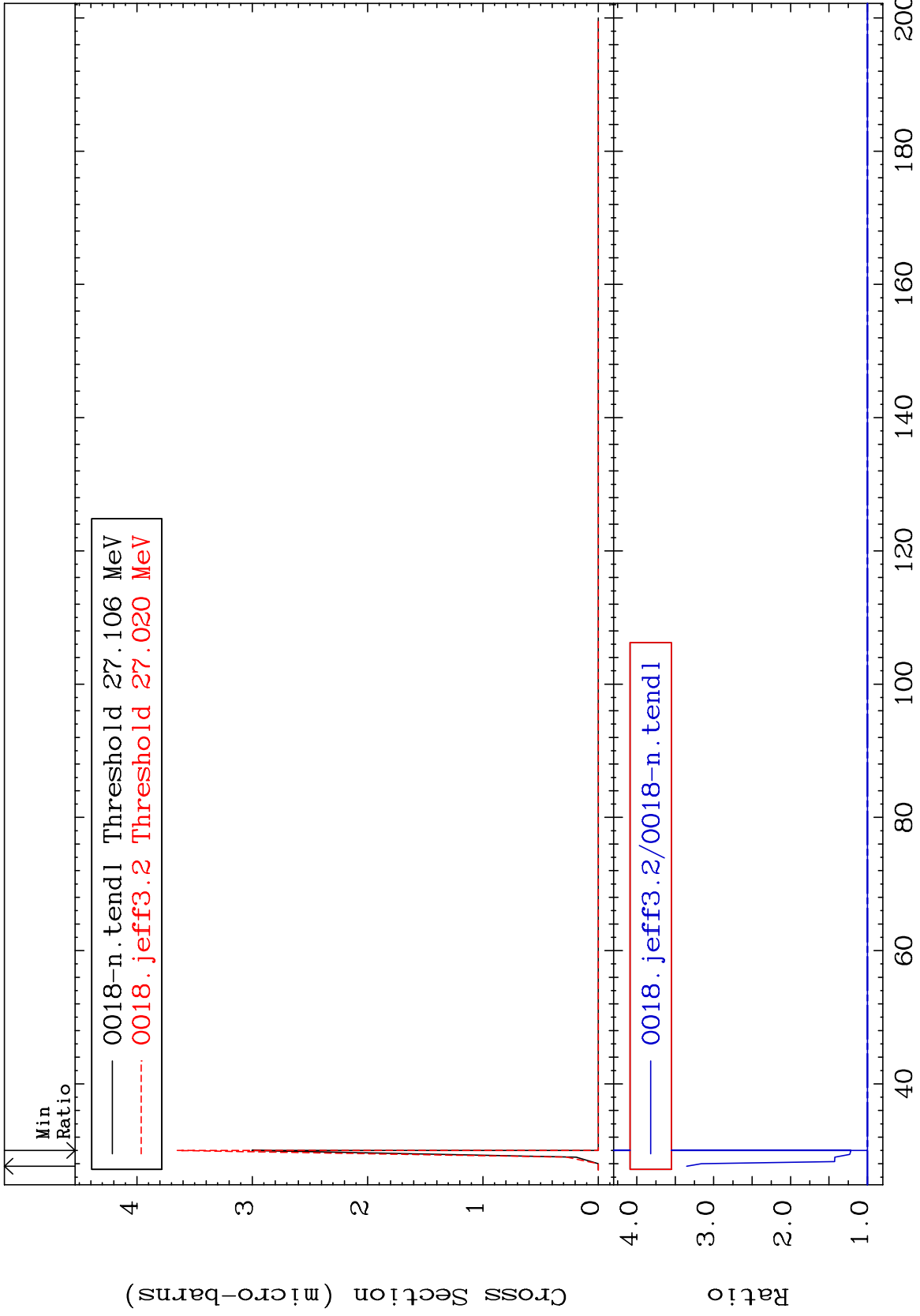
Incident Energy (eV)

8-0 -18

MAT 831

(n,n') He-3
Cross Section

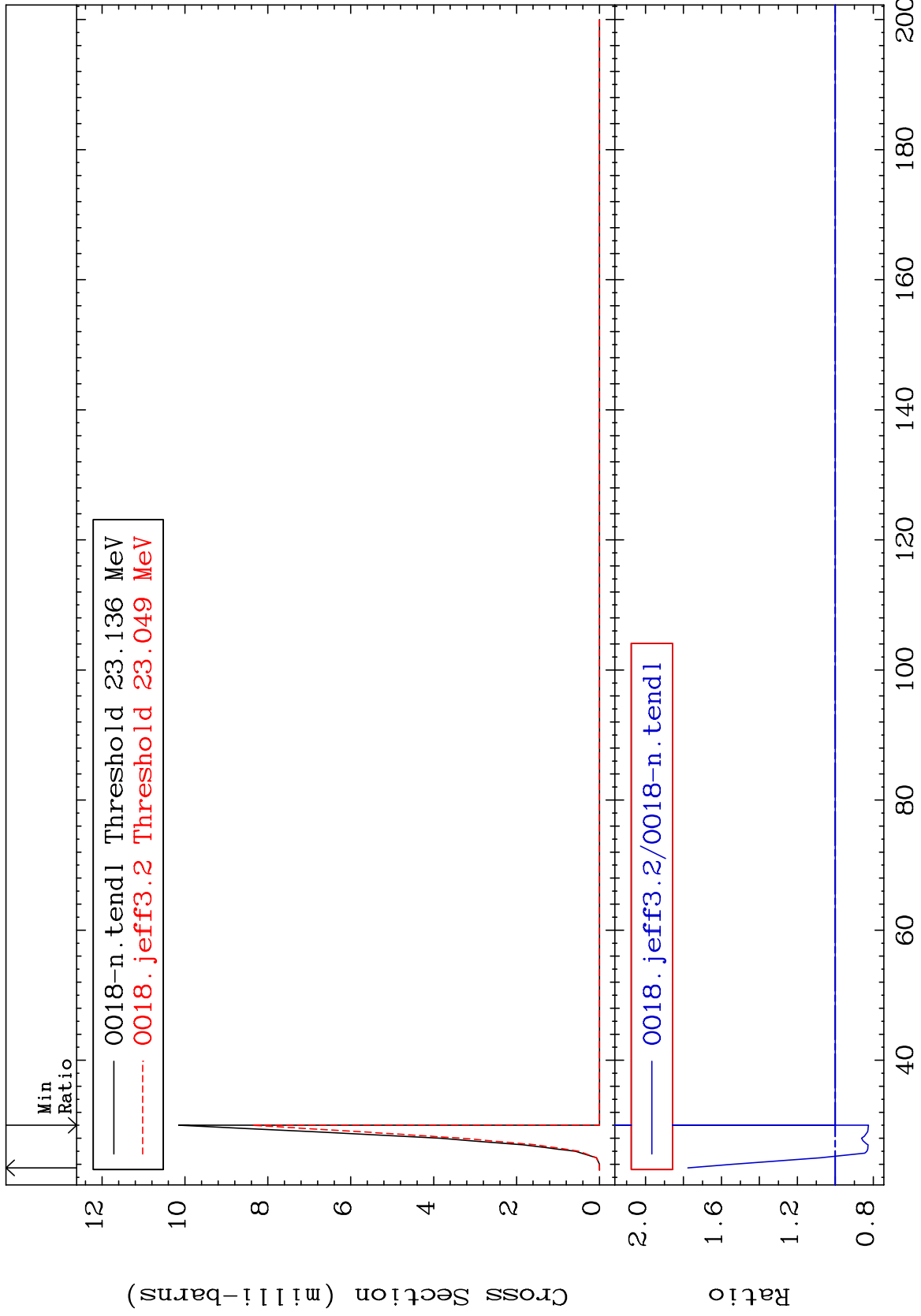
8-0 -18
0.000 To 235.0 %



MAT 831

(n,2n) p
Cross Section

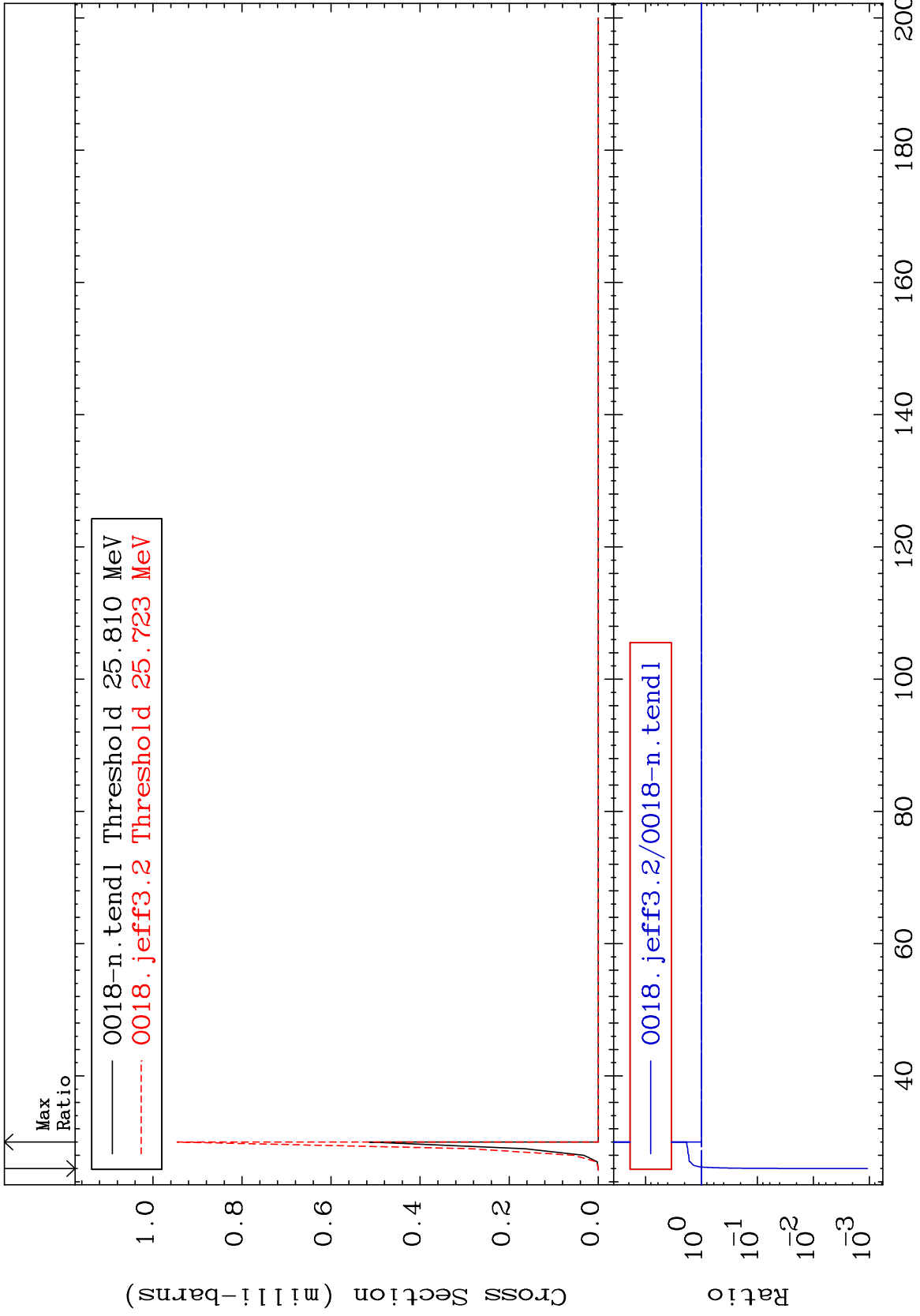
8-0 -18
-17.47 To 77.68 %



MAT 831

(n,3n) p
Cross Section

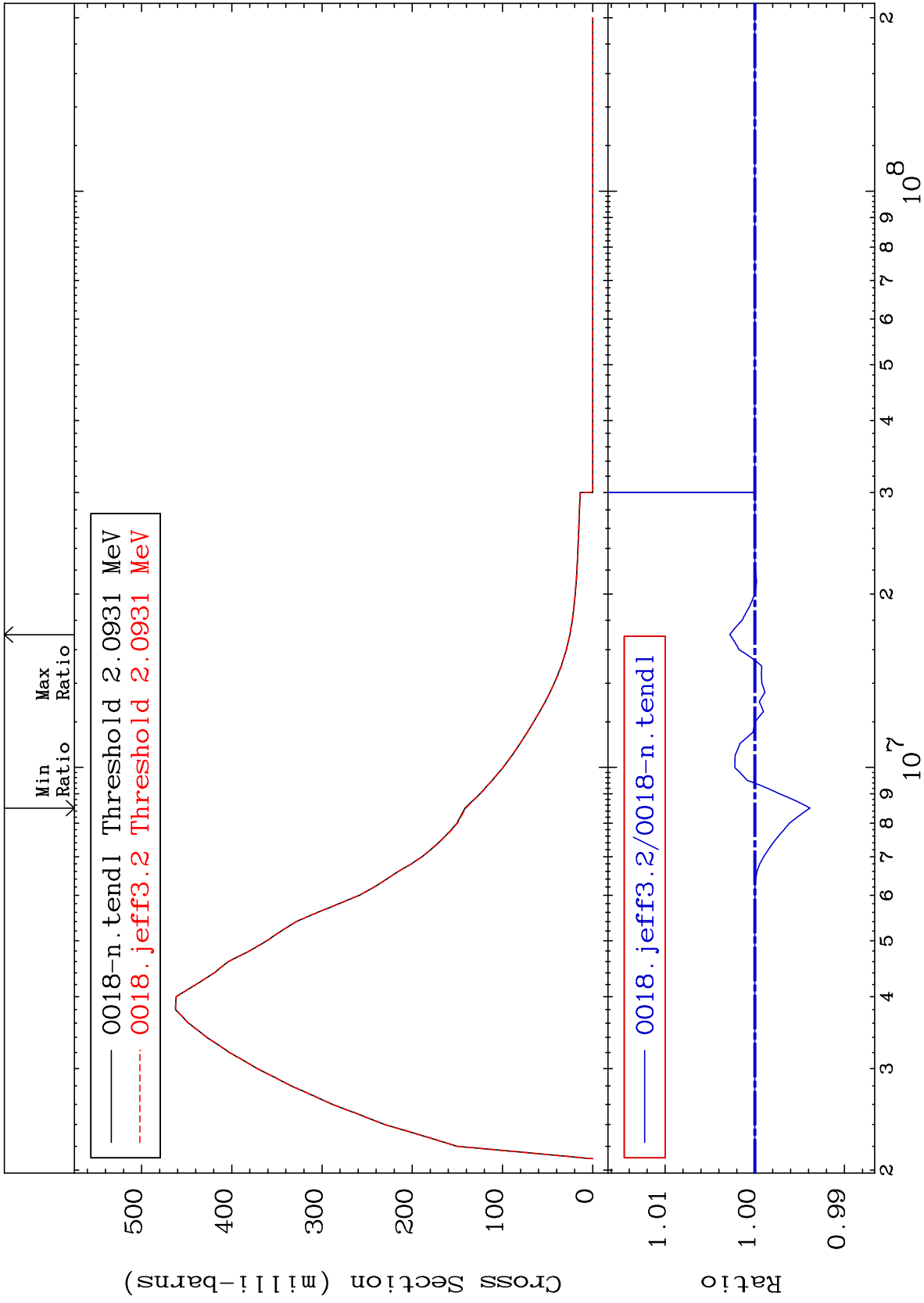
8-0 -18
-99.89 To 83.74 %



MAT 831

1.982 MeV (n,n') Level
Cross Section

8-0 -18
-0.616 To 0.280 %



18

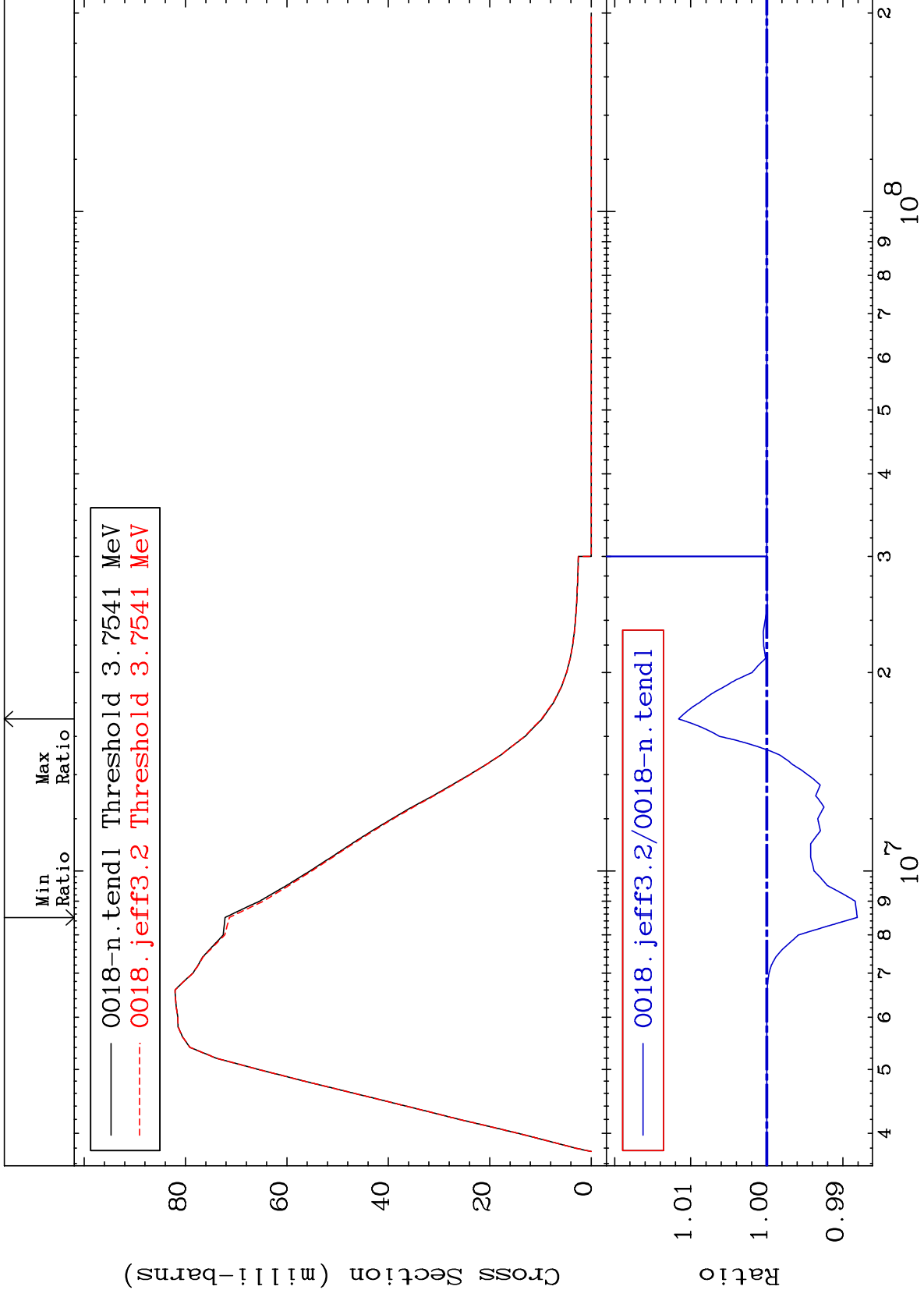
Incident Energy (eV)

8-0 -18

MAT 831

3.555 MeV (n,n') Level
Cross Section

8-0 -18
-1.190 To 1.159 %



19

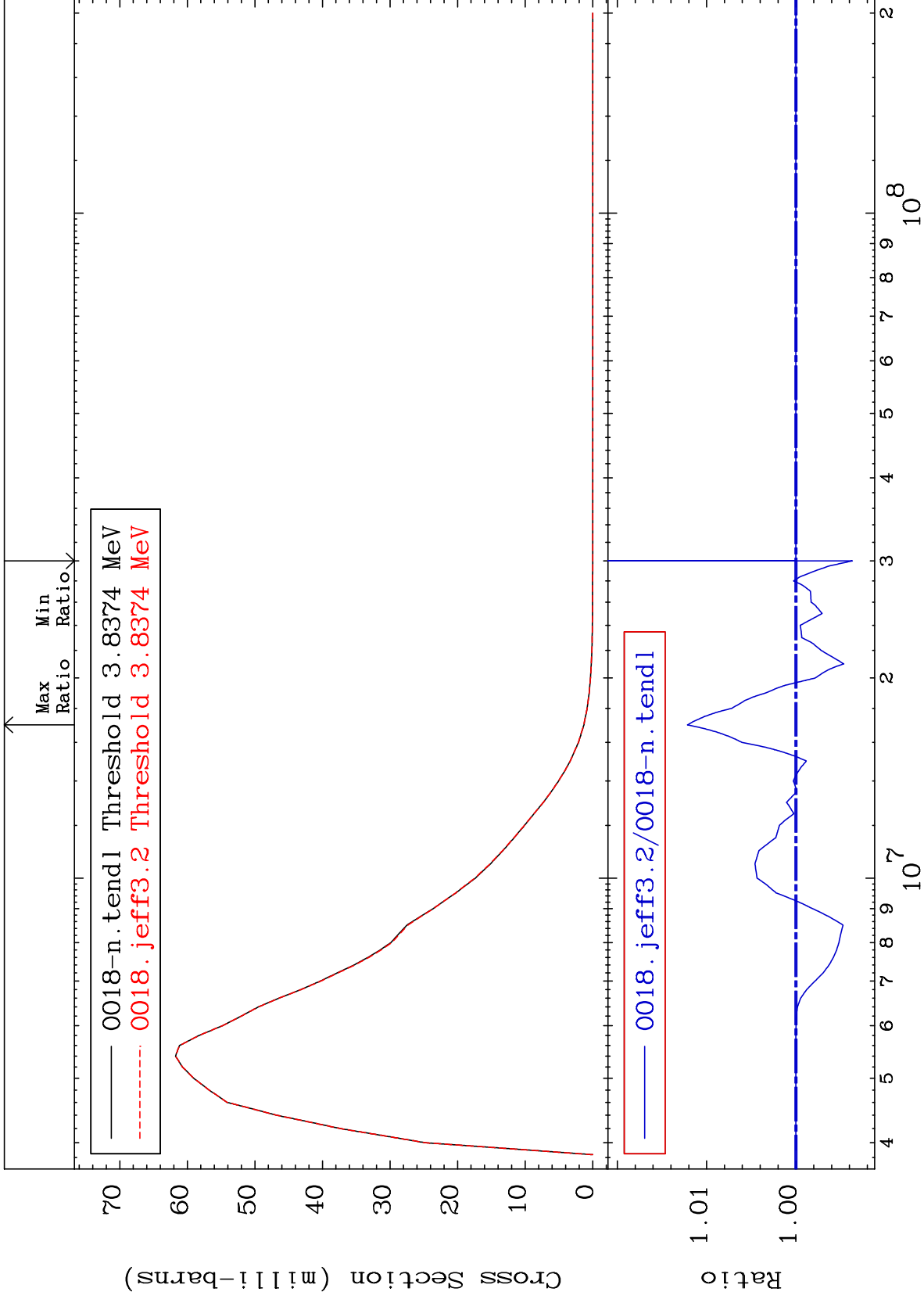
Incident Energy (eV)

8-0 -18

MAT 831

3.634 MeV (n,n') Level
Cross Section

8-0 -18
-0.632 To 1.214 %



20

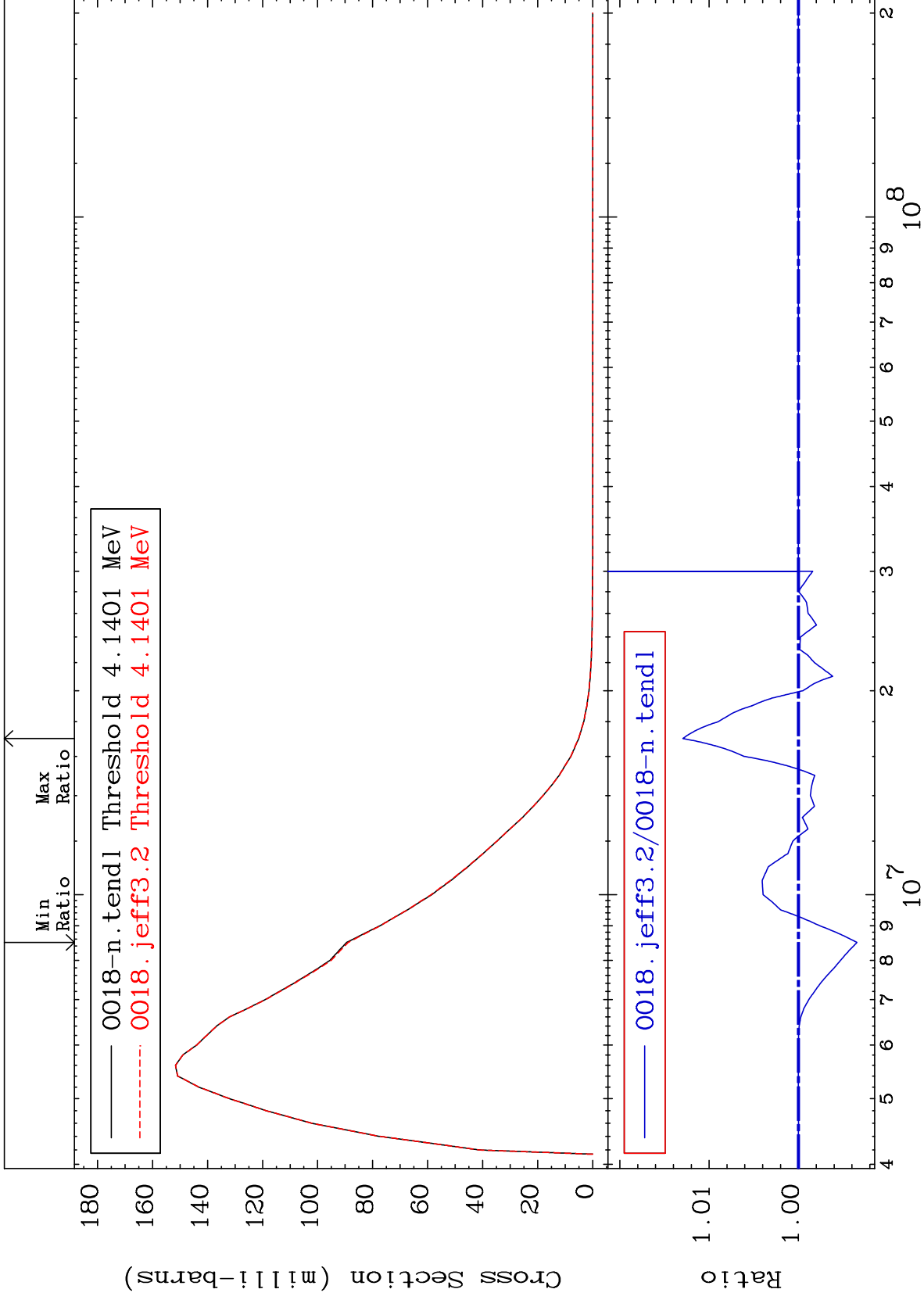
Incident Energy (eV)

8-0 -18

MAT 831

3.920 MeV (n,n') Level
Cross Section

8-0 -18
-0.656 To 1.295 %



21

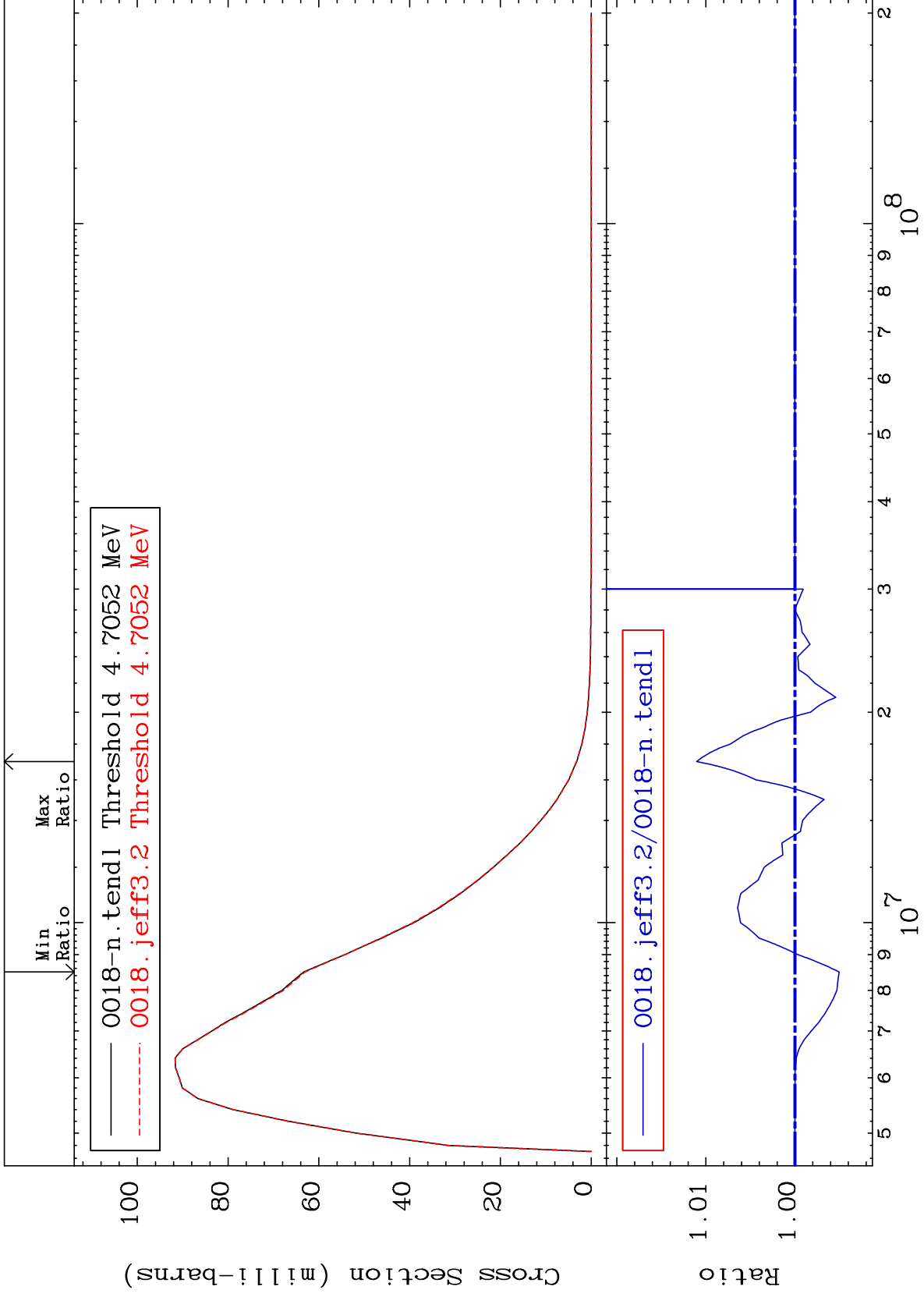
Incident Energy (eV)

8-0 -18

MAT 831

4.456 MeV (n,n') Level
Cross Section

8-0 -18
-0.496 To 1.103 %

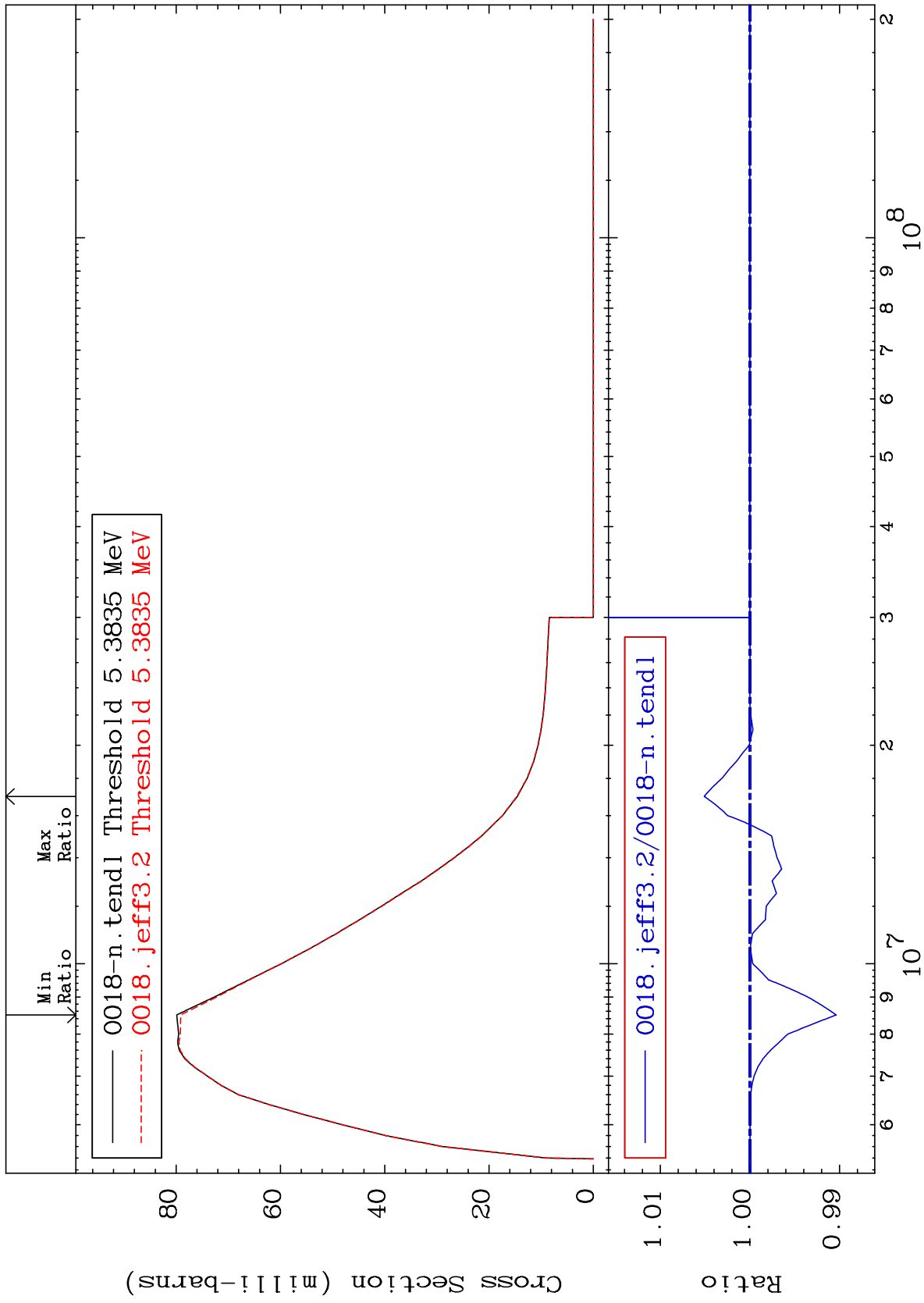


22

Incident Energy (eV)

8-0 -18

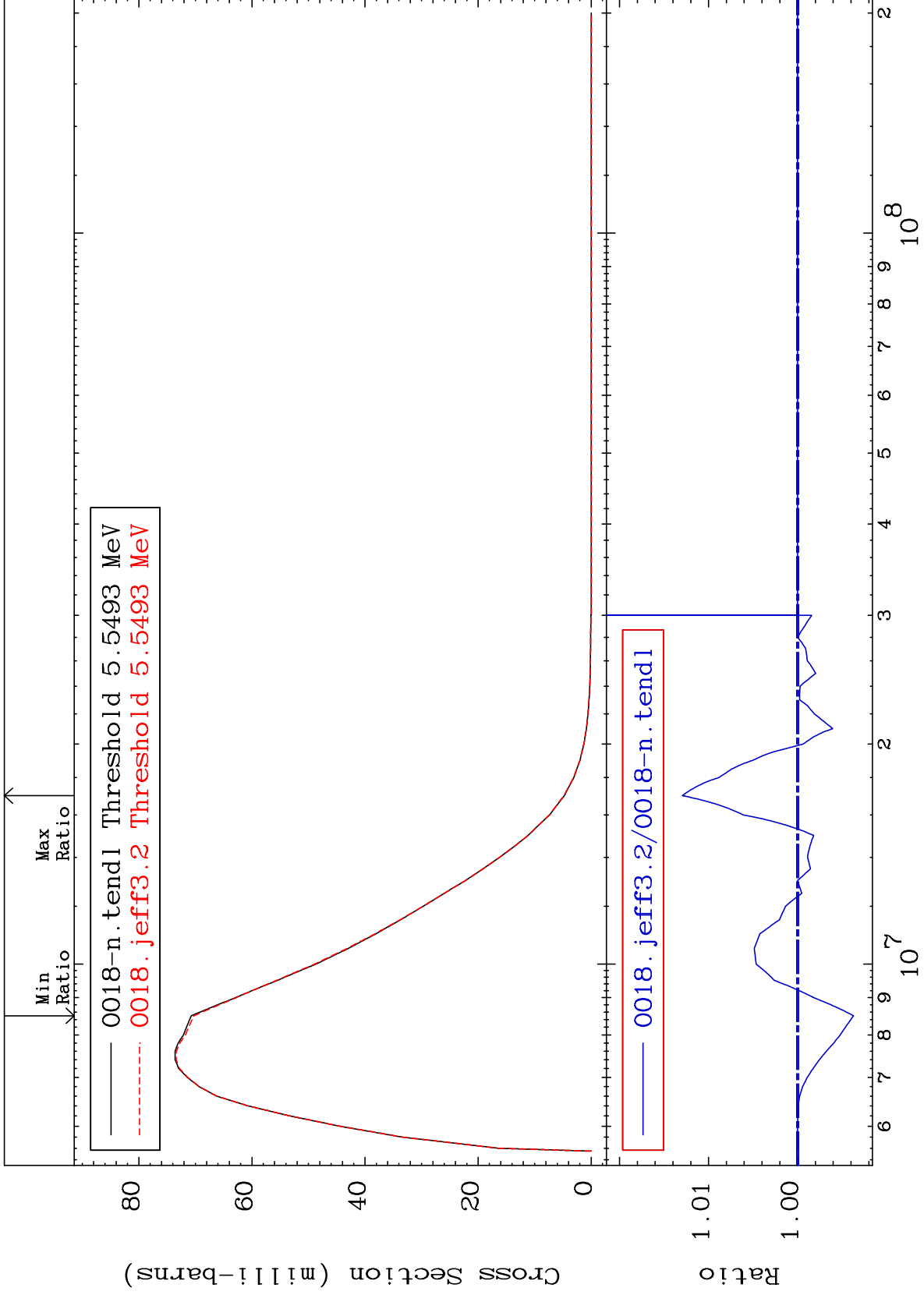
MAT 831 5.098 MeV (n,n') Level 8-0 -18
 Cross Section -0.962 To 0.511 %



MAT 831

5.255 MeV (n,n') Level
Cross Section

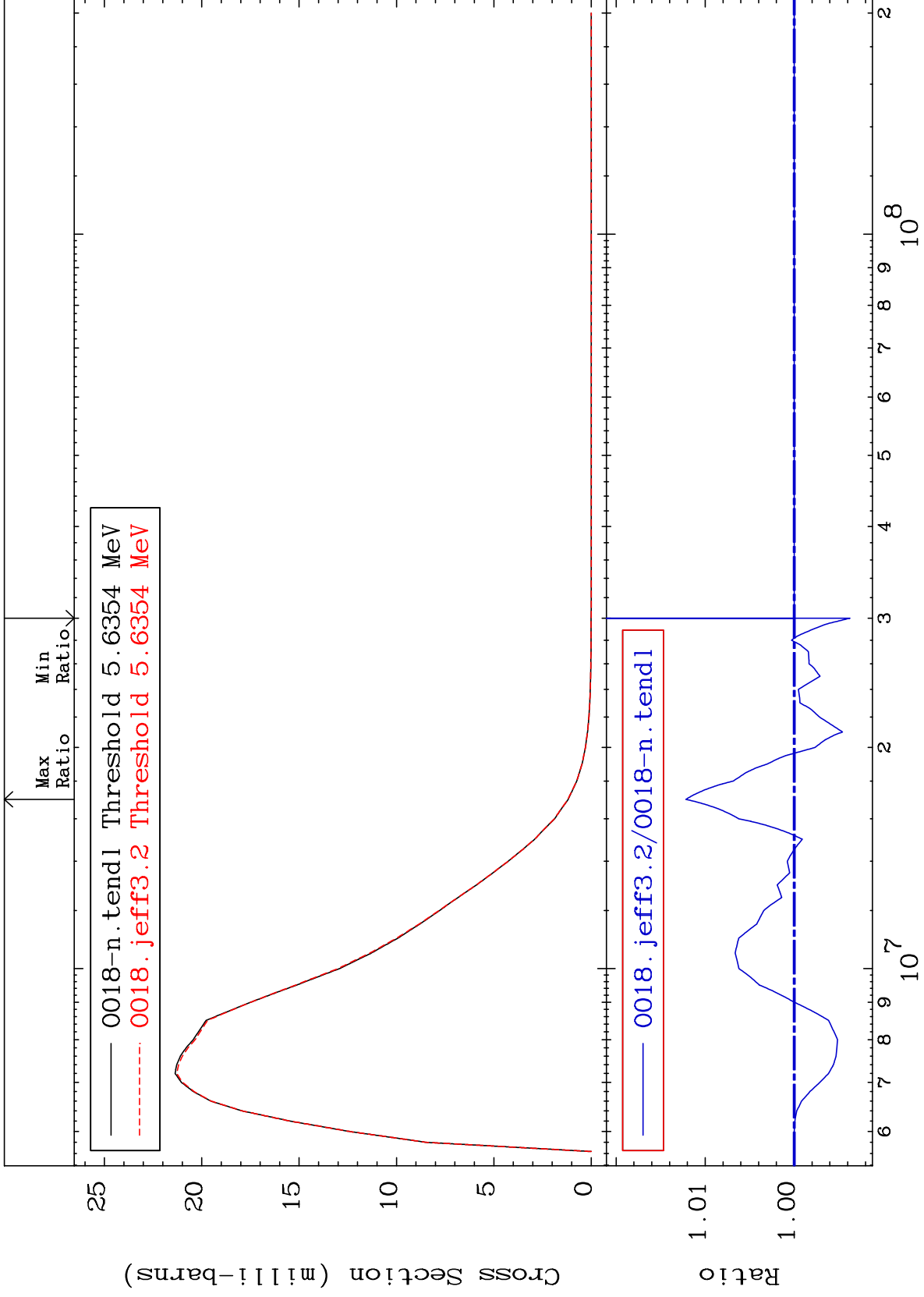
8-0 -18
-0.628 To 1.295 %



MAT 831

5.336 MeV (n,n') Level
Cross Section

8-0 -18
-0.626 To 1.217 %



25

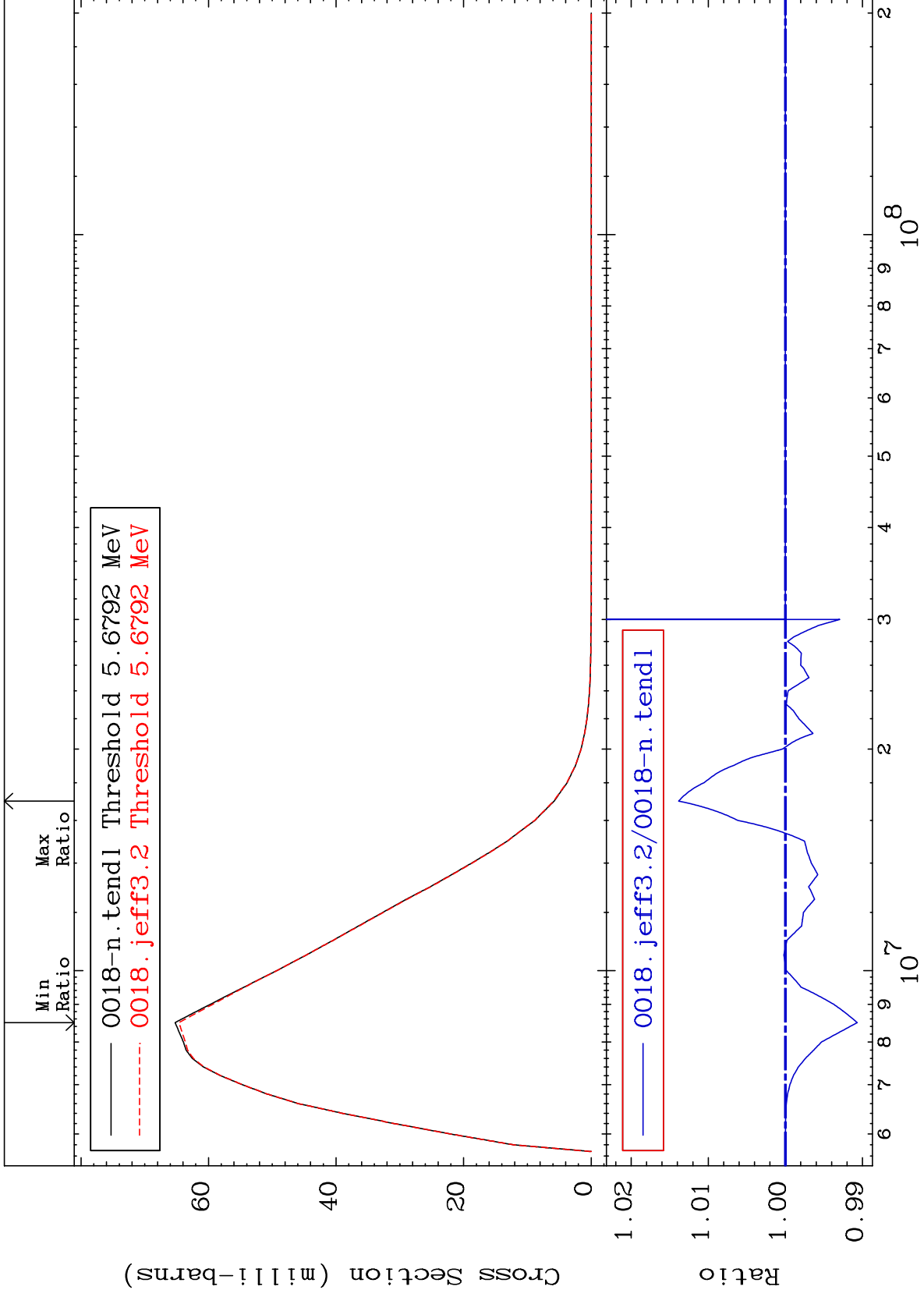
Incident Energy (eV)

8-0 -18

MAT 831

5.378 MeV (n,n') Level
Cross Section

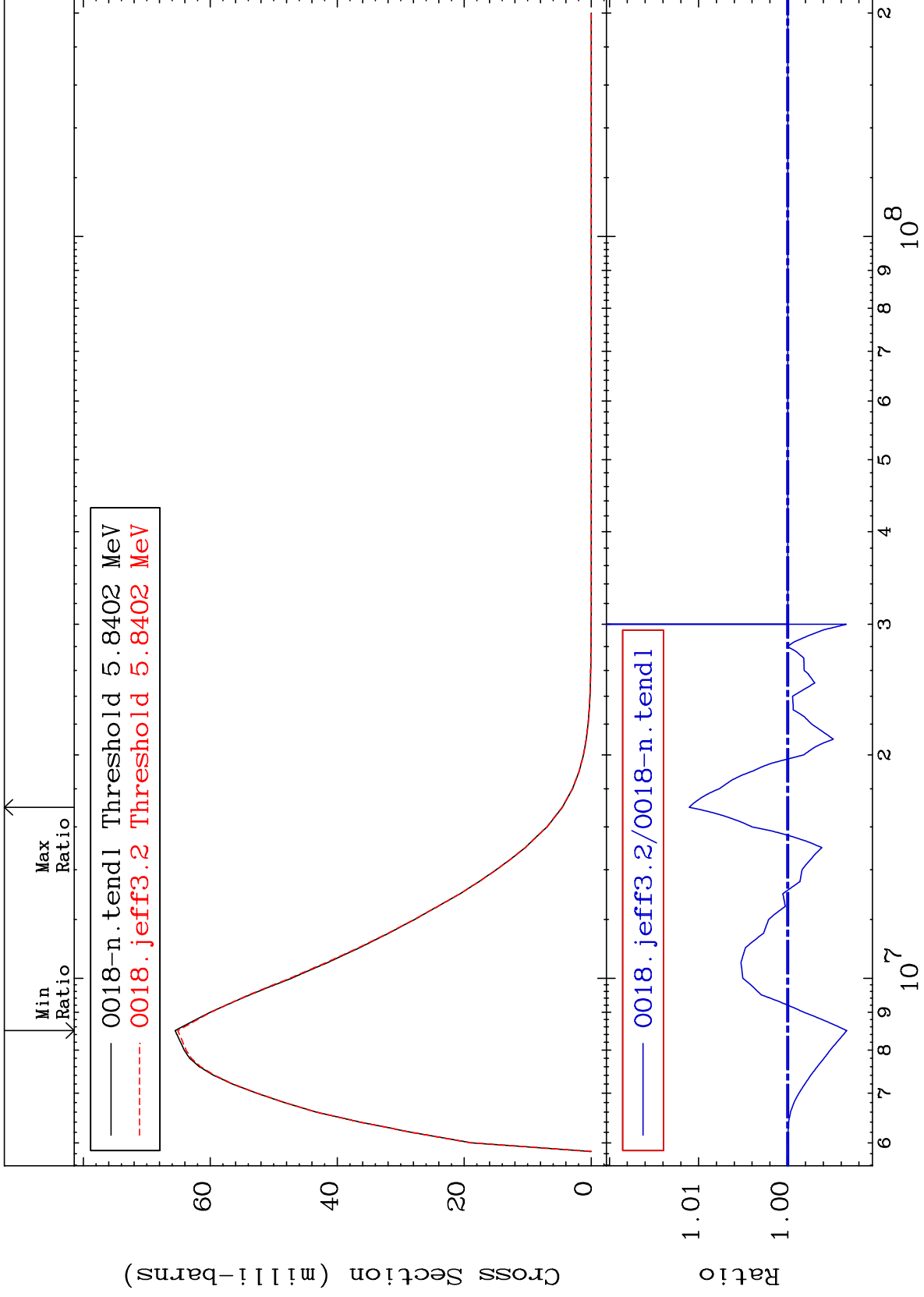
8-0 -18
-0.933 To 1.384 %



MAT 831

5.530 MeV (n,n') Level
Cross Section

8-0 -18
-0.663 To 1.106 %

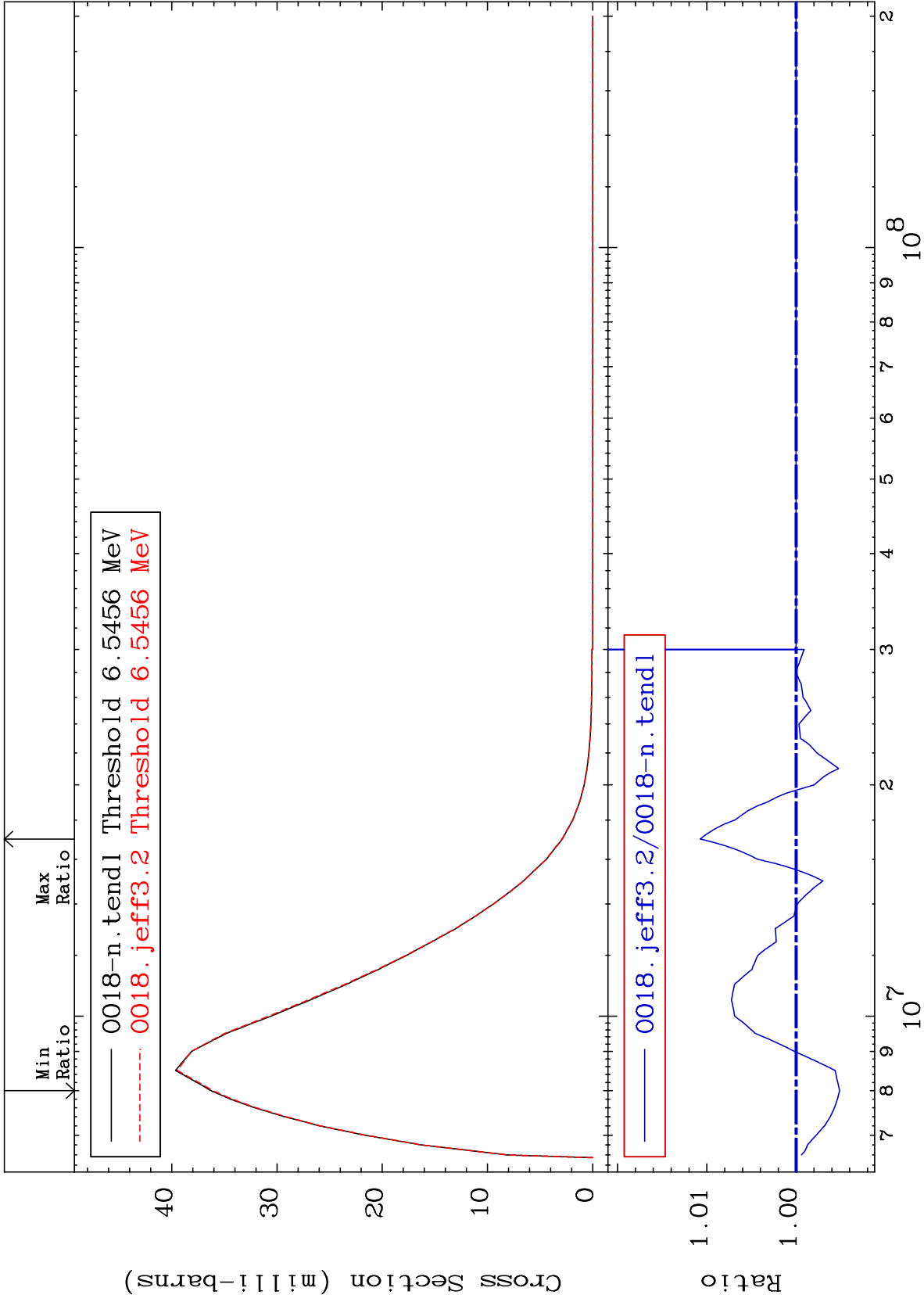


27

Incident Energy (eV)

8-0 -18

MAT 831 6.198 MeV (n,n') Level 8-0 -18
 Cross Section -0.487 To 1.075 %

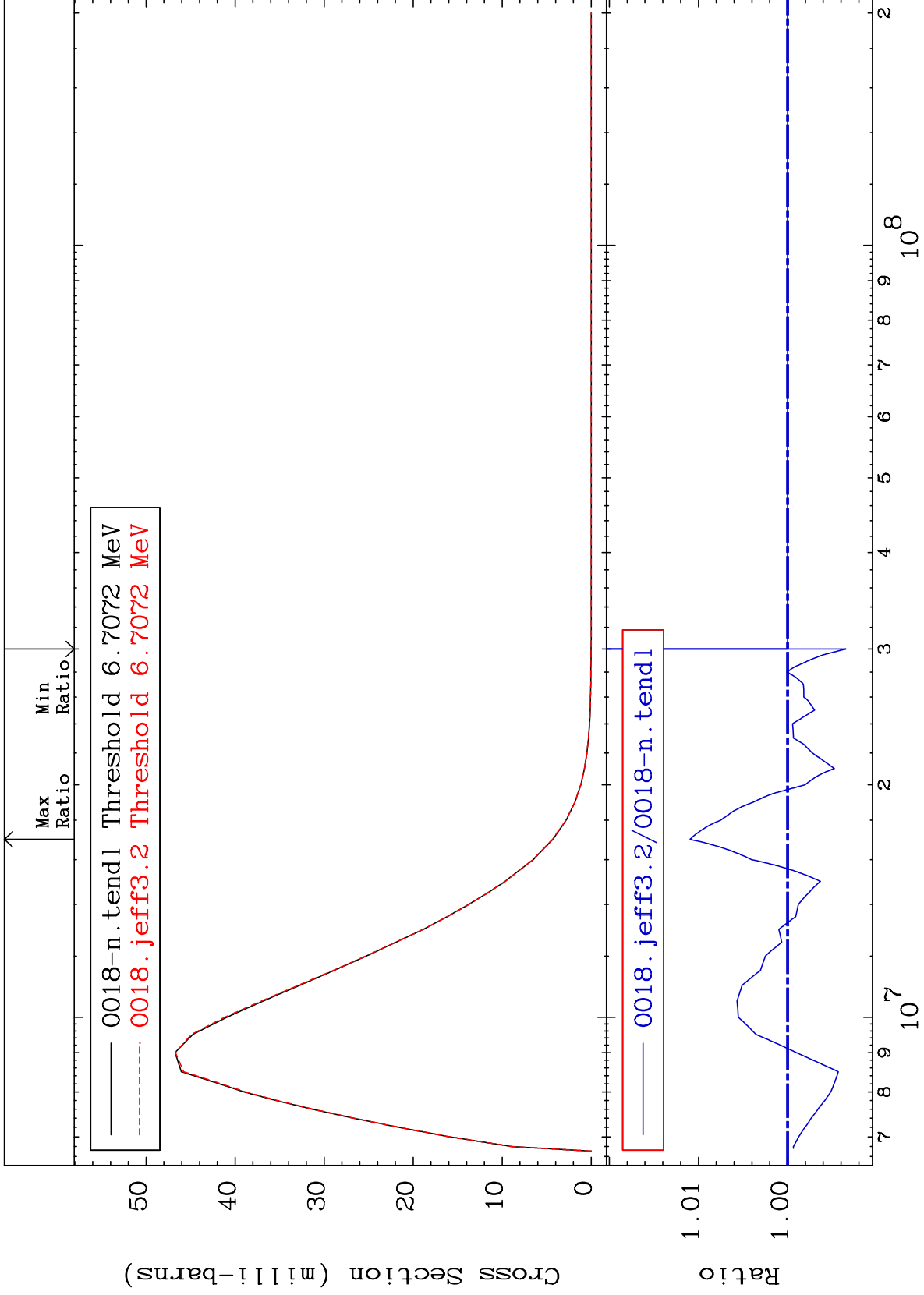


28 Incident Energy (eV) 8-0 -18

MAT 831

6.351 MeV (n,n') Level
Cross Section

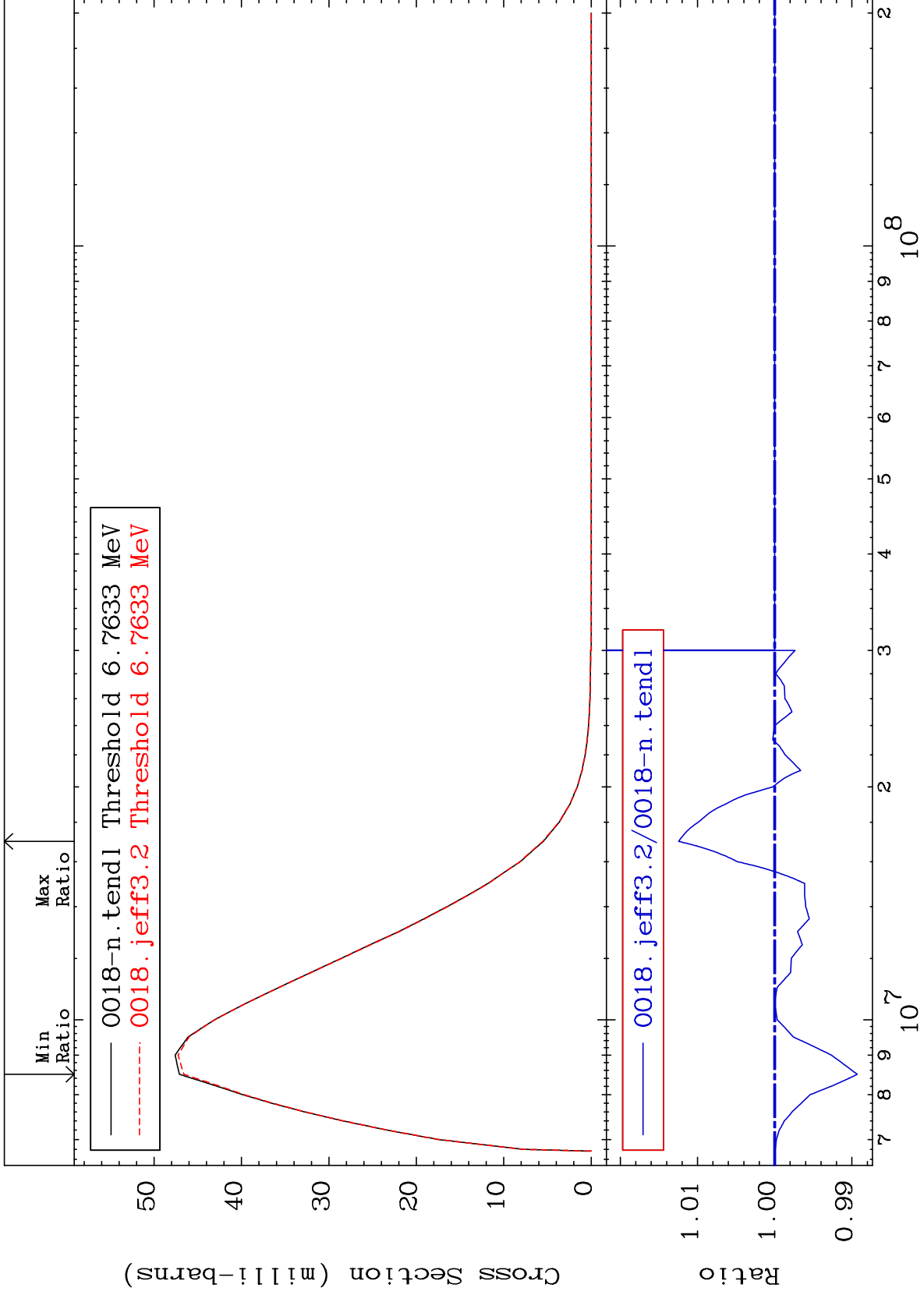
8-0 -18
-0.655 To 1.095 %



MAT 831

6.404 MeV (n,n') Level
Cross Section

8-0 -18
-1.069 To 1.245 %



30

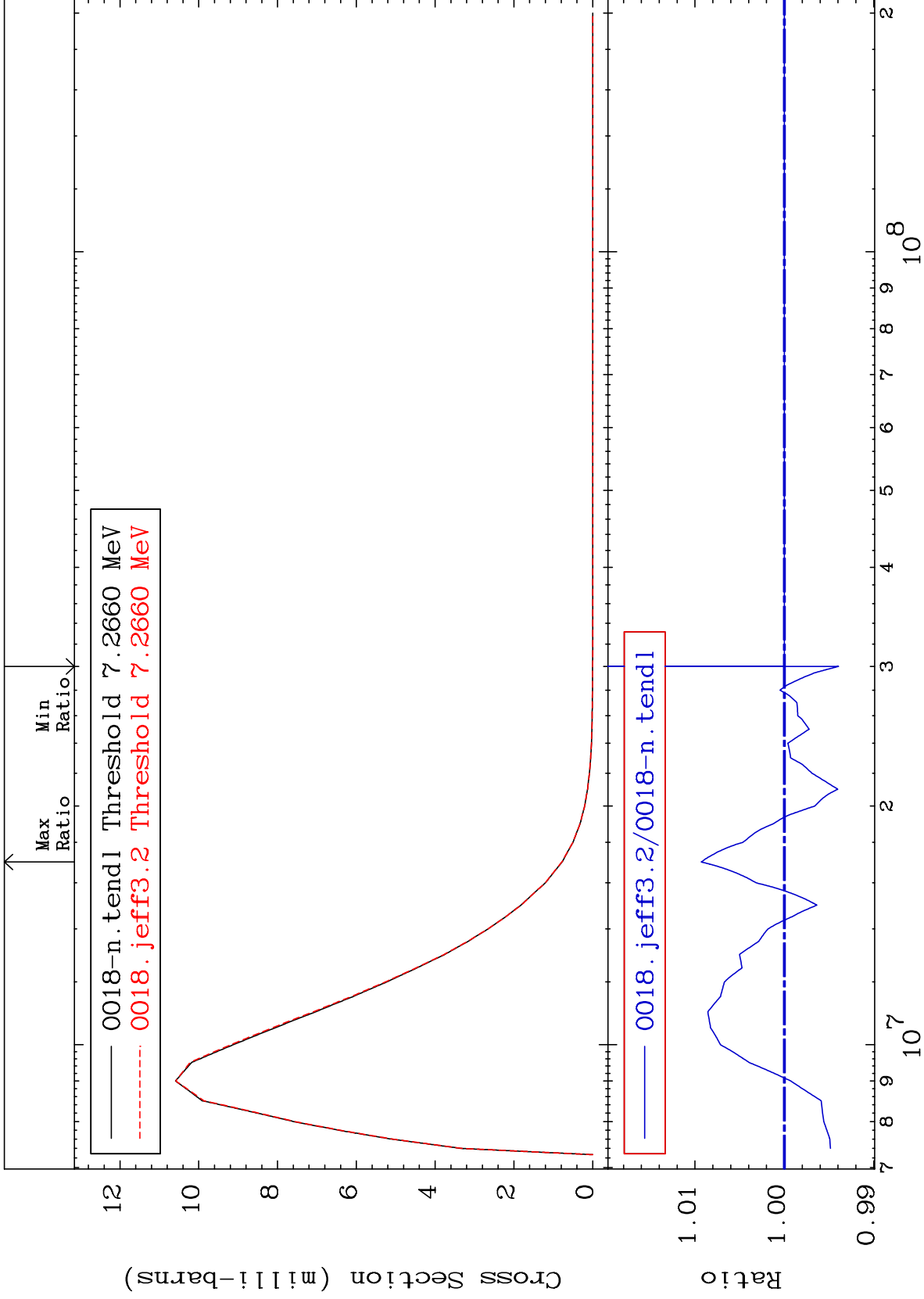
Incident Energy (eV)

8-0 -18

MAT 831

6.880 MeV (n,n') Level
Cross Section

8-0 -18
-0.606 To 0.930 %



31

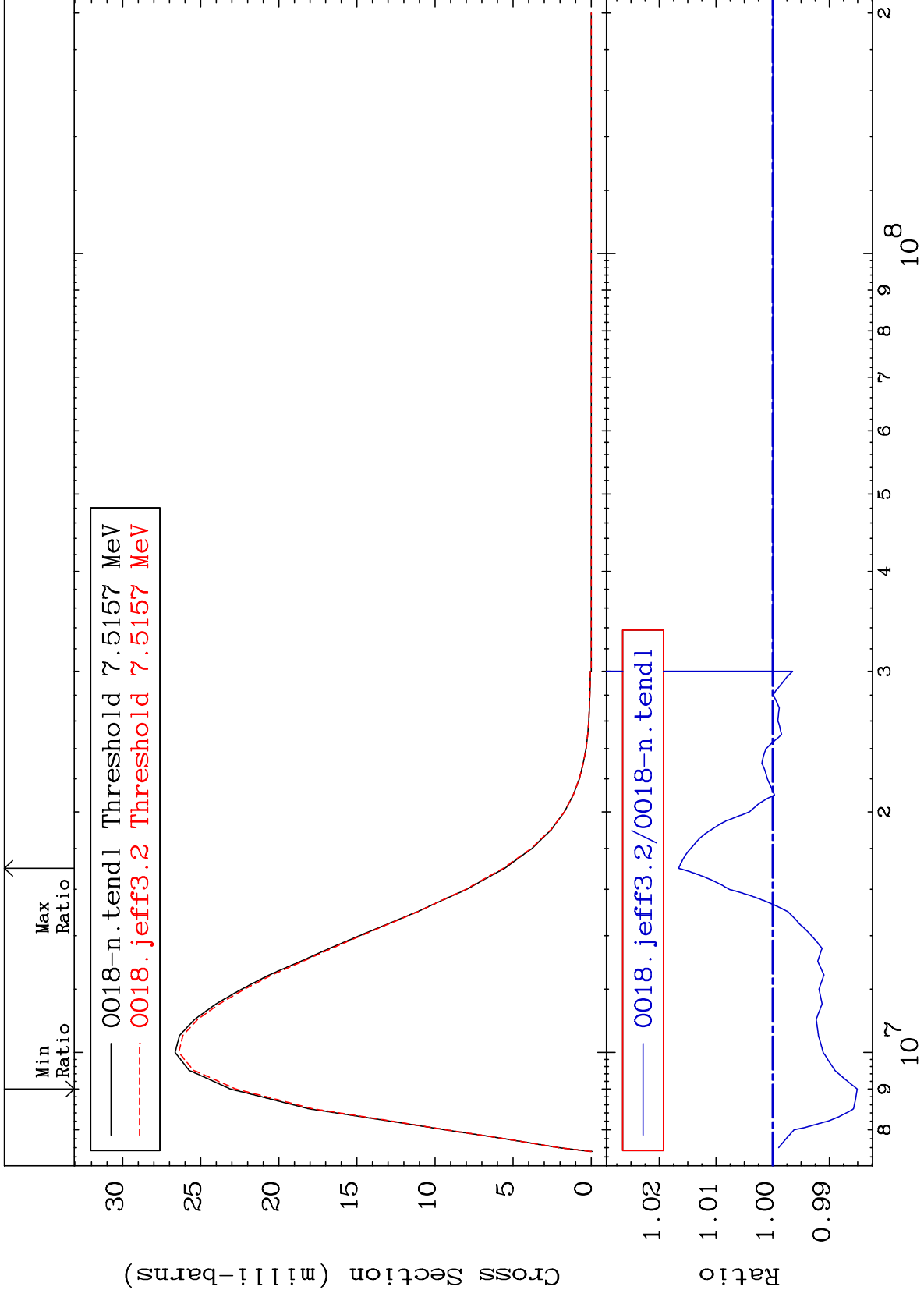
Incident Energy (eV)

8-0 -18

MAT 831

7.117 MeV (n,n') Level
Cross Section

8-0 -18
-1.491 To 1.659 %



32

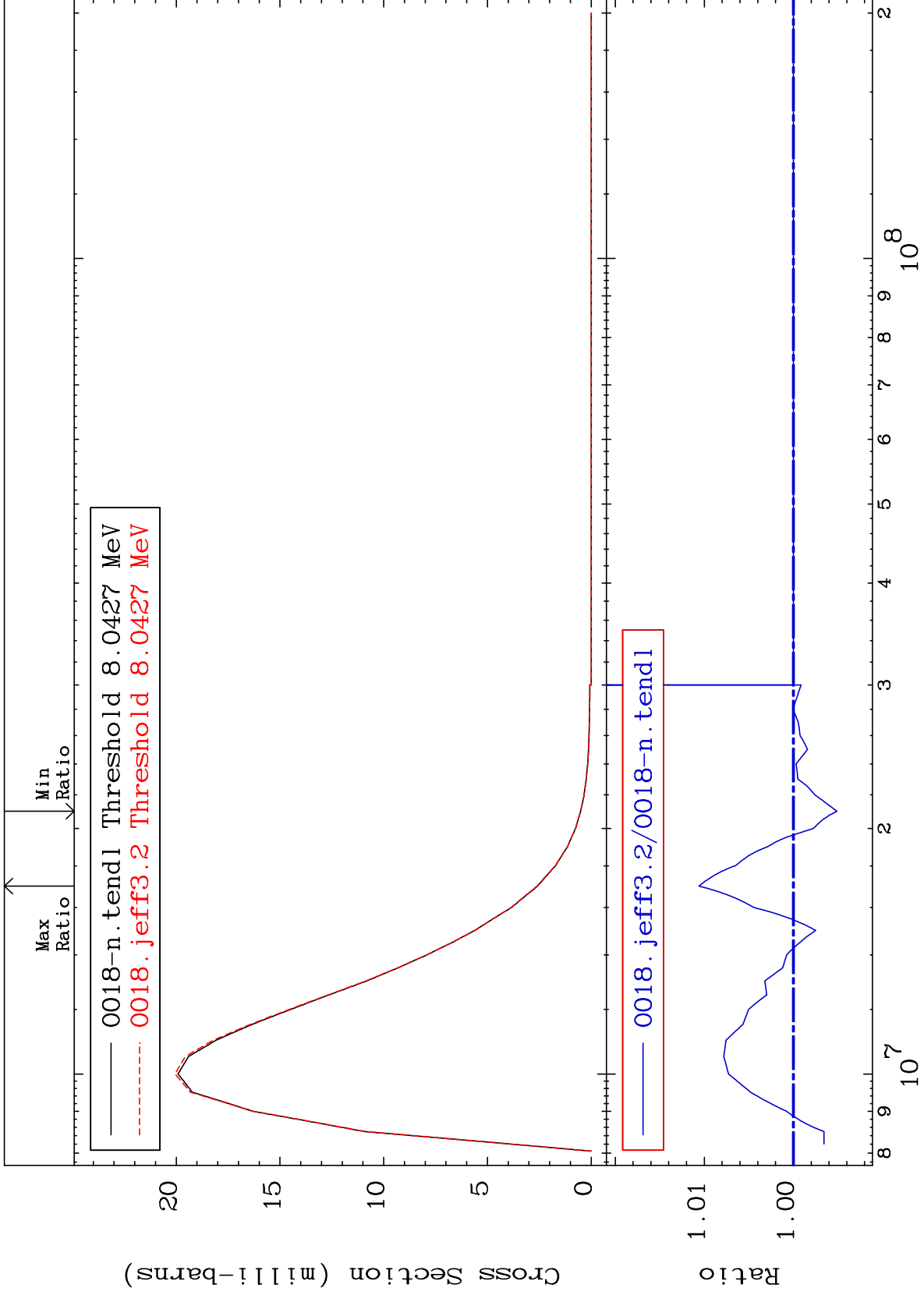
Incident Energy (eV)

8-0 -18

MAT 831

7.616 MeV (n,n') Level
Cross Section

8-0 -18
-0.488 To 1.060 %



33

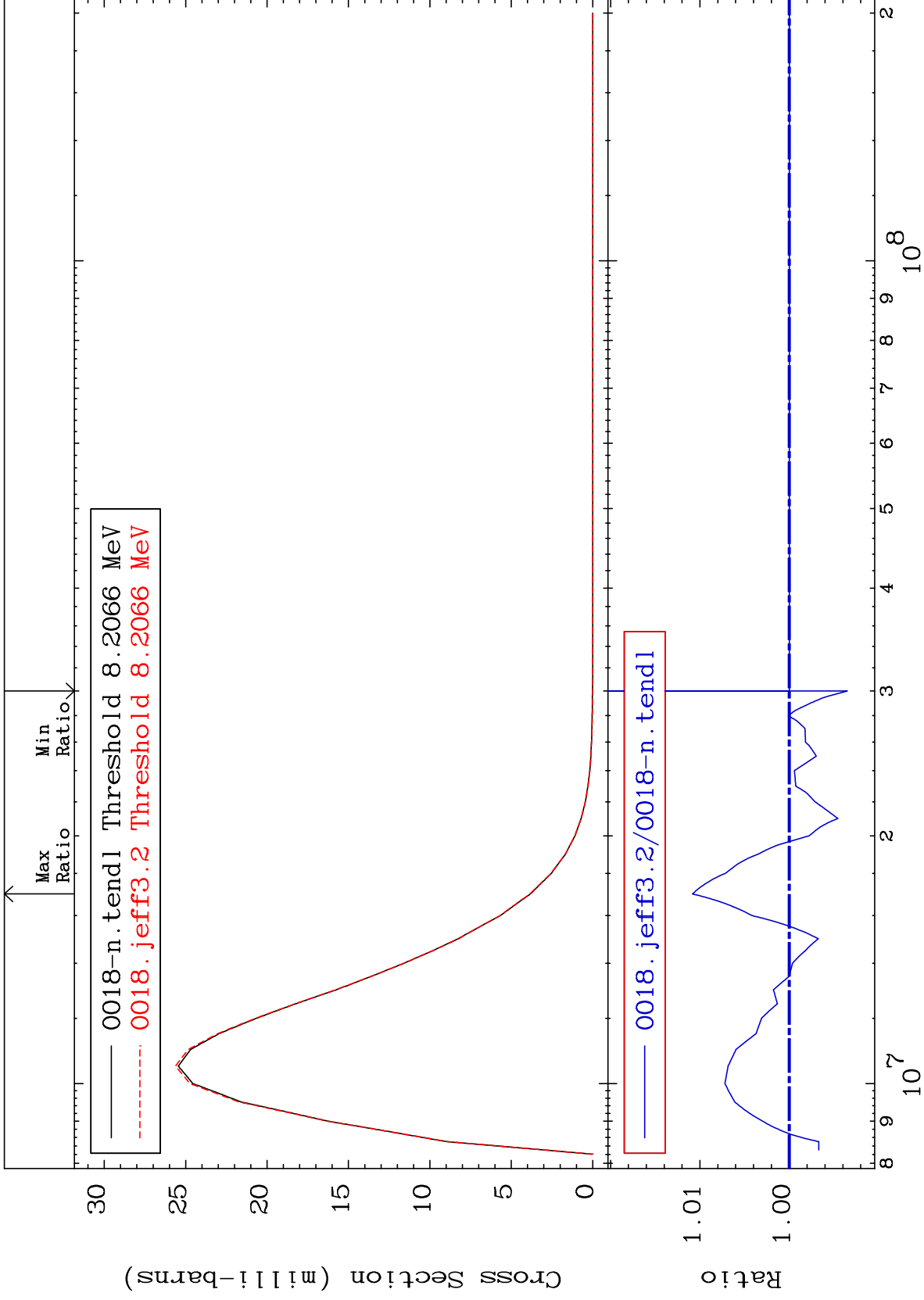
Incident Energy (eV)

8-0 -18

MAT 831

7.771 MeV (n,n') Level
Cross Section

8-0 -18
-0.650 To 1.084 %



34

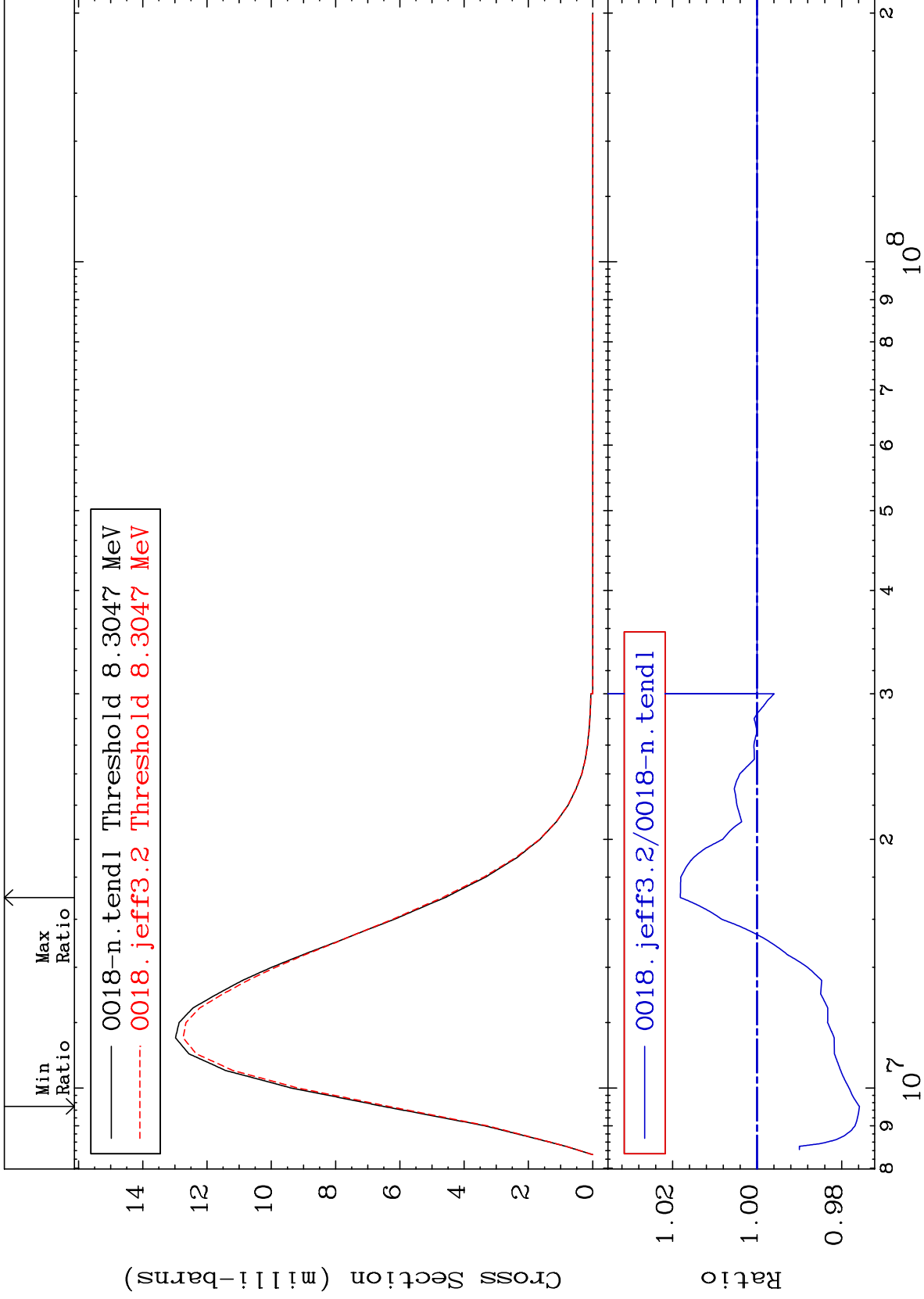
Incident Energy (eV)

8-0 -18

MAT 831

7.864 MeV (n,n') Level
Cross Section

8-0 -18
-2.422 To 1.817 %



35

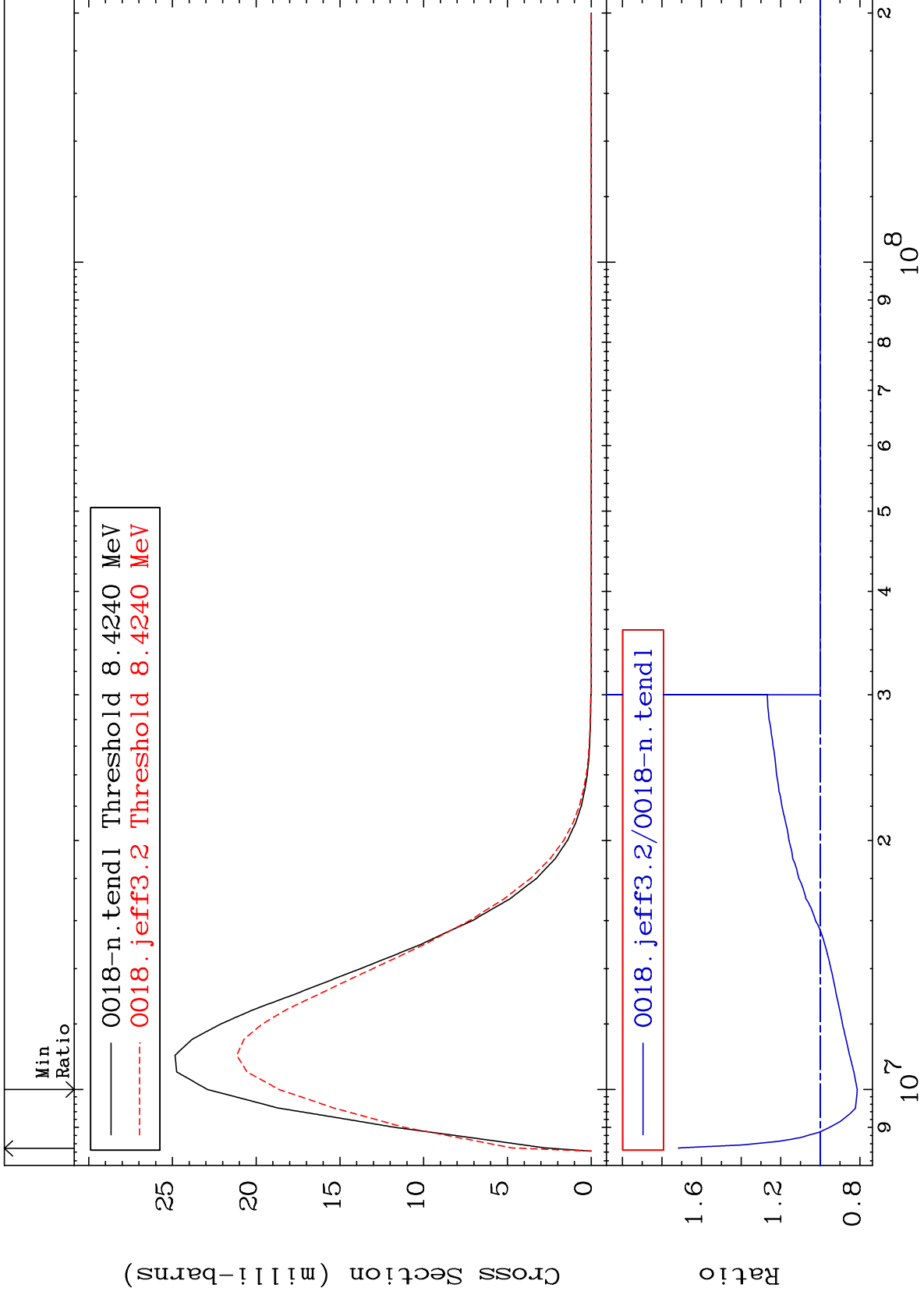
Incident Energy (eV)

8-0 -18

MAT 831

7.977 MeV (n,n') Level
Cross Section

8-0 -18
-18.68 To 71.59 %



36

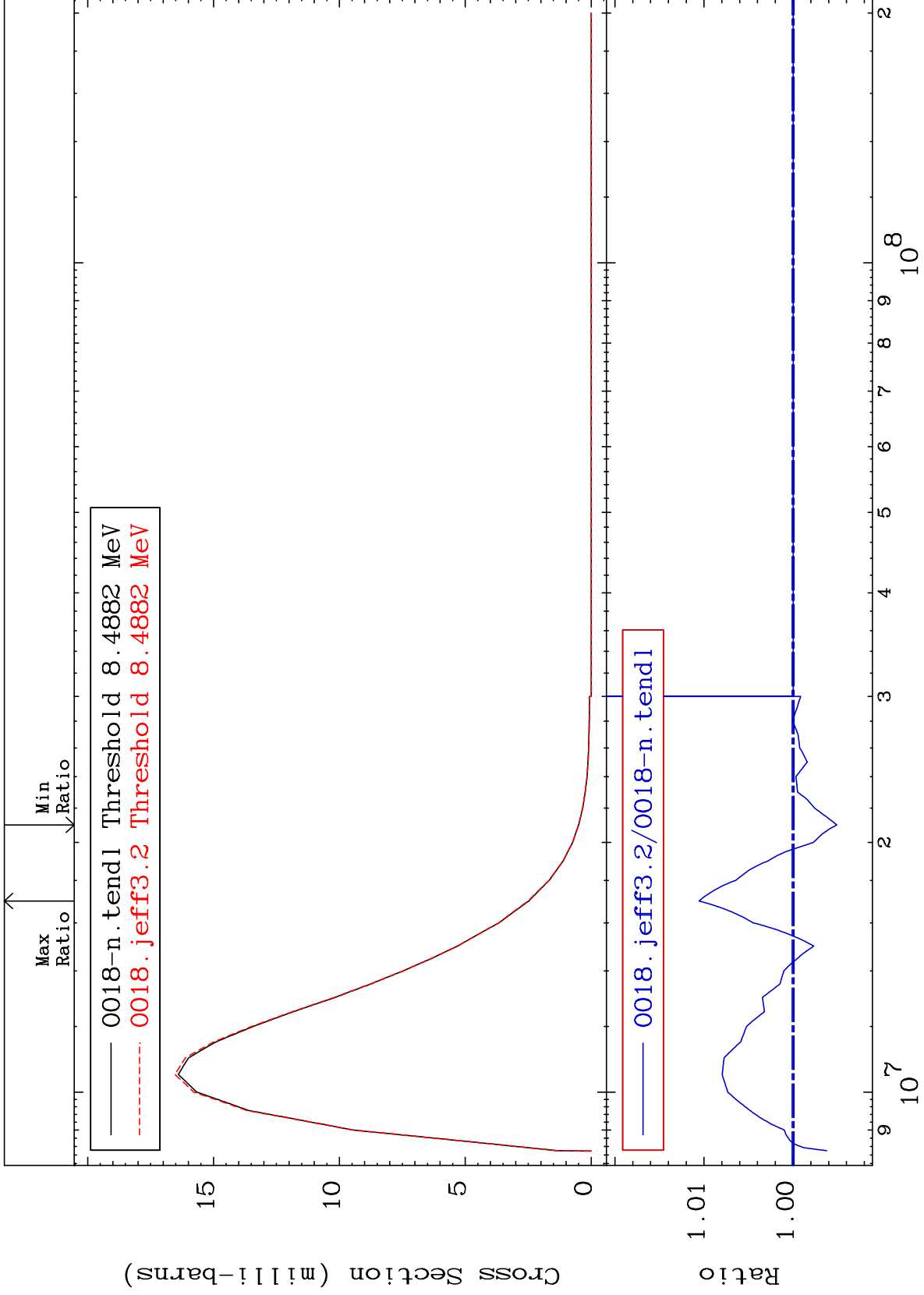
Incident Energy (eV)

8-0 -18

MAT 831

8.038 MeV (n,n') Level
Cross Section

8-0 -18
-0.492 To 1.057 %



37

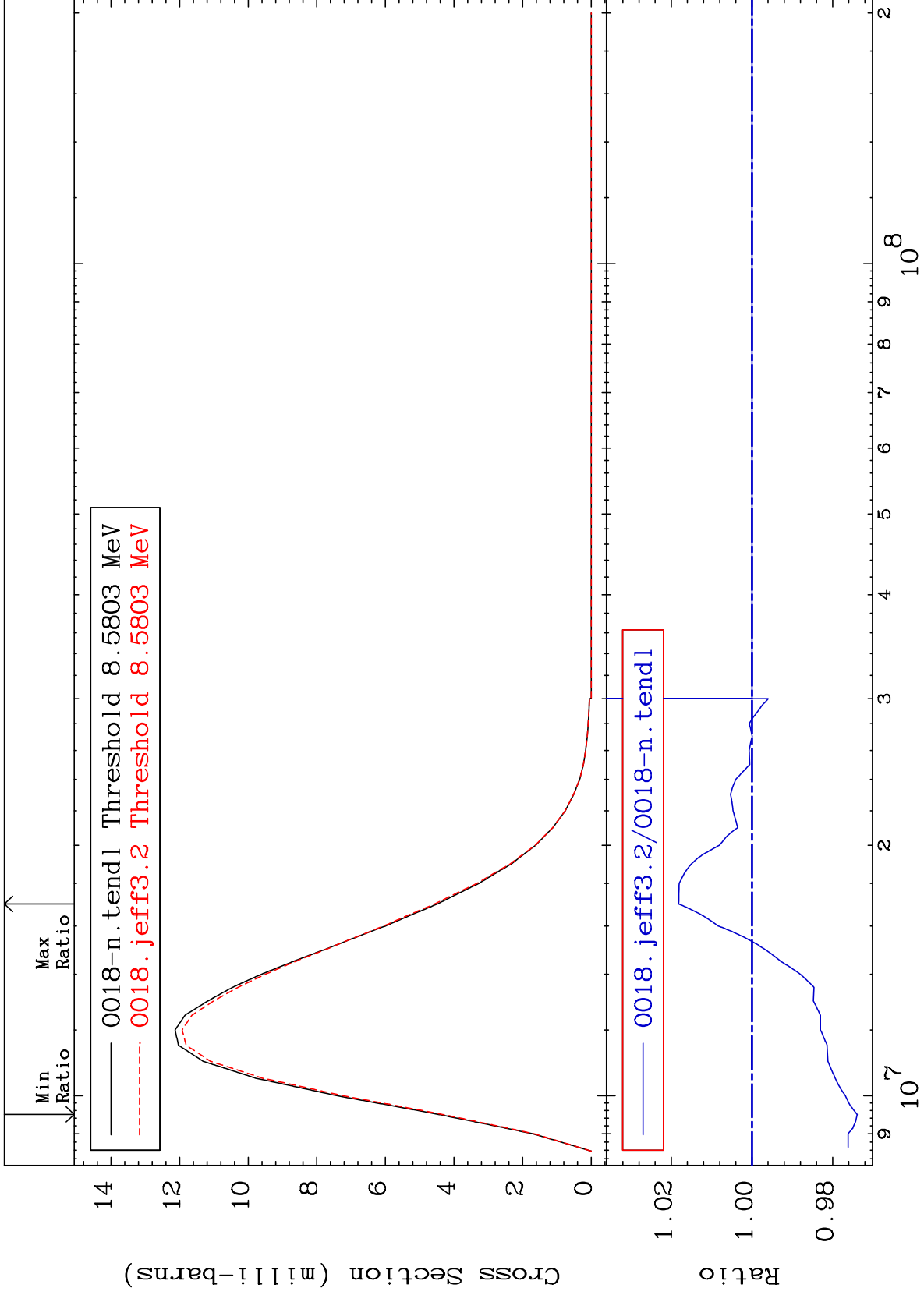
Incident Energy (eV)

8-0 -18

MAT 831

8.125 MeV (n,n') Level
Cross Section

8-0 -18
-2.610 To 1.818 %



38

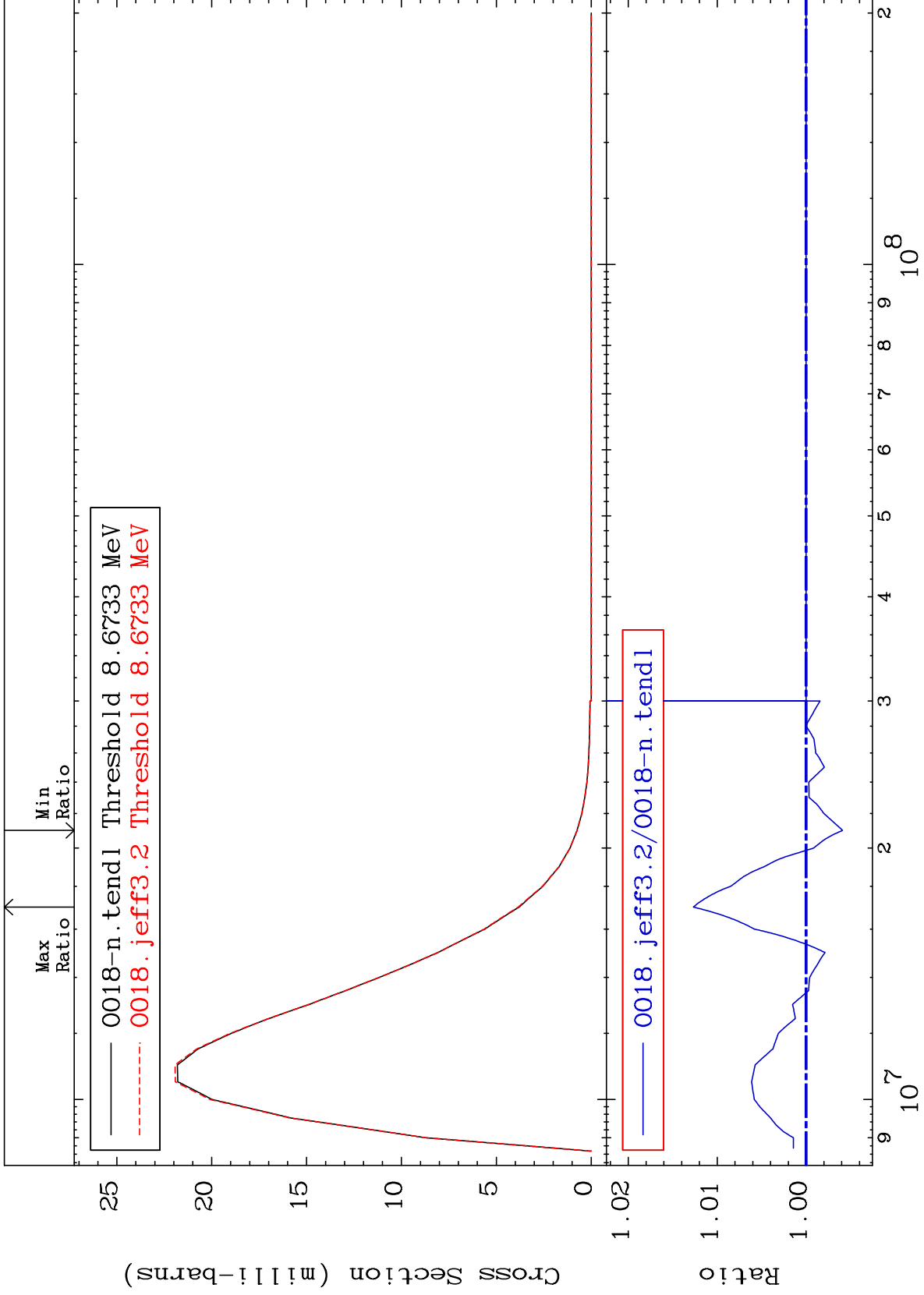
Incident Energy (eV)

8-0 -18

MAT 831

8.213 MeV (n,n') Level
Cross Section

8-0 -18
-0.410 To 1.268 %



39

Incident Energy (eV)

8-0 -18

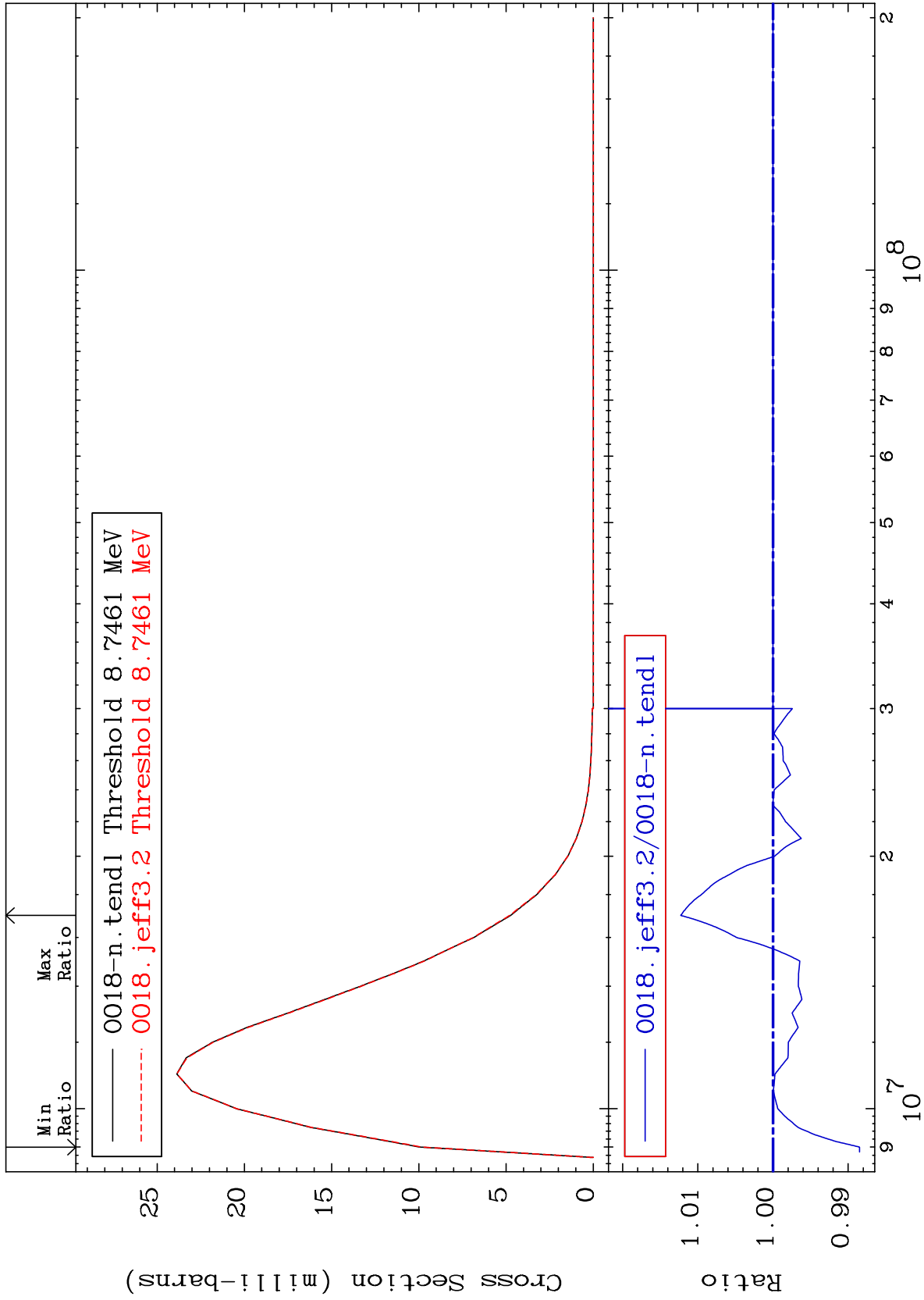
MAT 831

8.282 MeV (n,n') Level

8-0 -18

Cross Section

-1.151 To 1.227 %



40

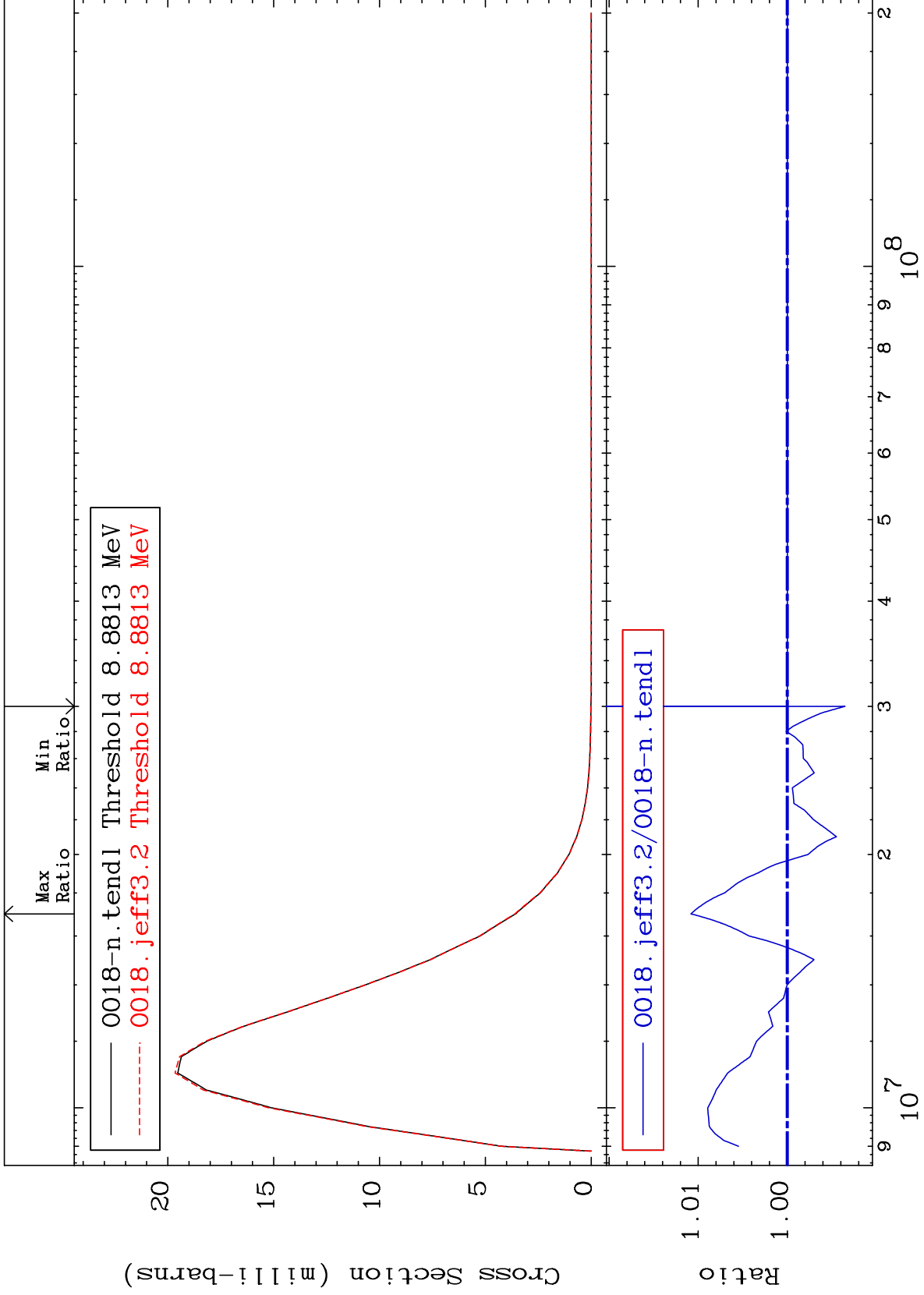
Incident Energy (eV)

8-0 -18

MAT 831

8.410 MeV (n,n') Level
Cross Section

8-0 -18
-0.647 To 1.082 %



41

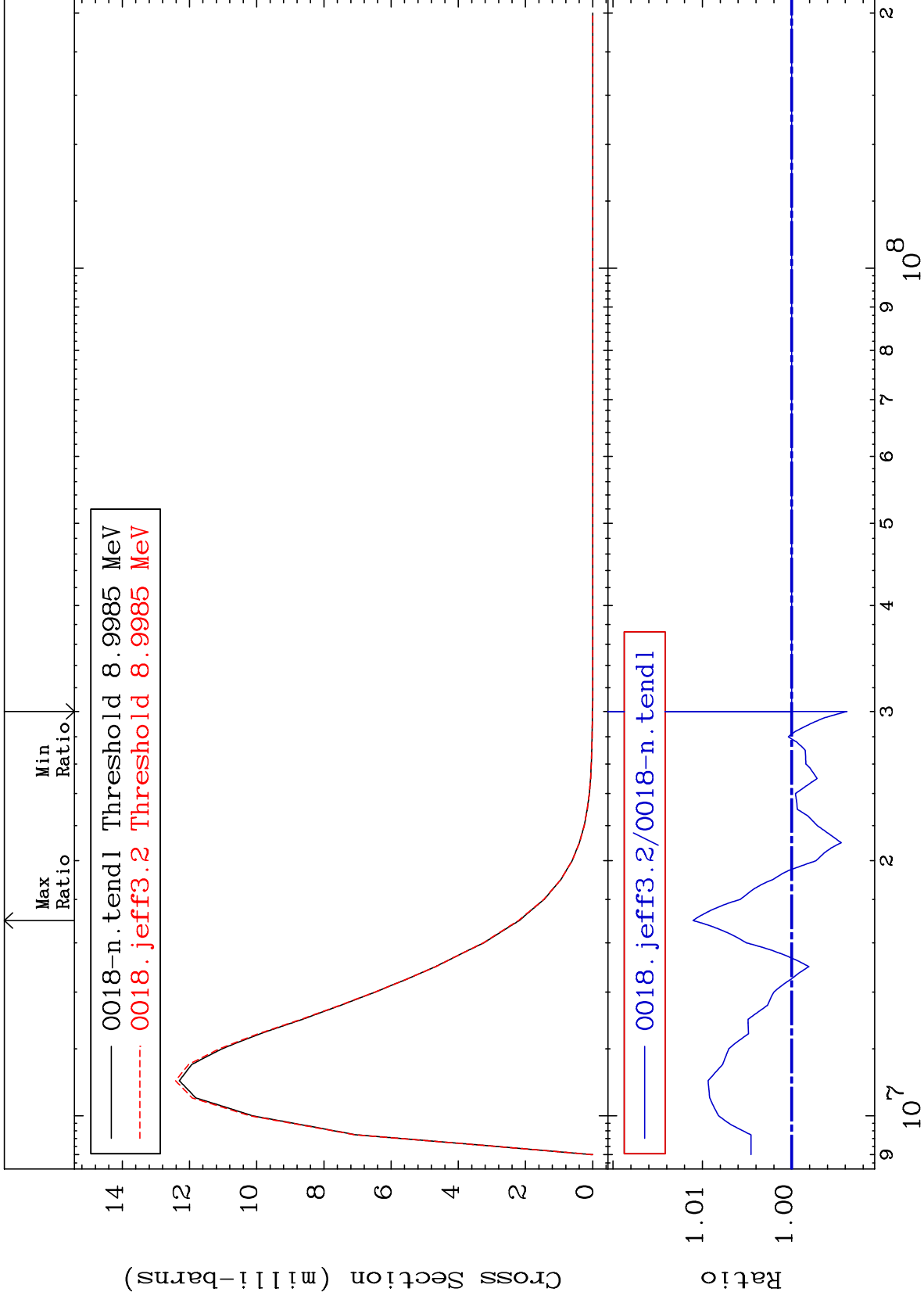
Incident Energy (eV)

8-0 -18

MAT 831

8.521 MeV (n,n') Level
Cross Section

8-0 -18
-0.617 To 1.106 %



42

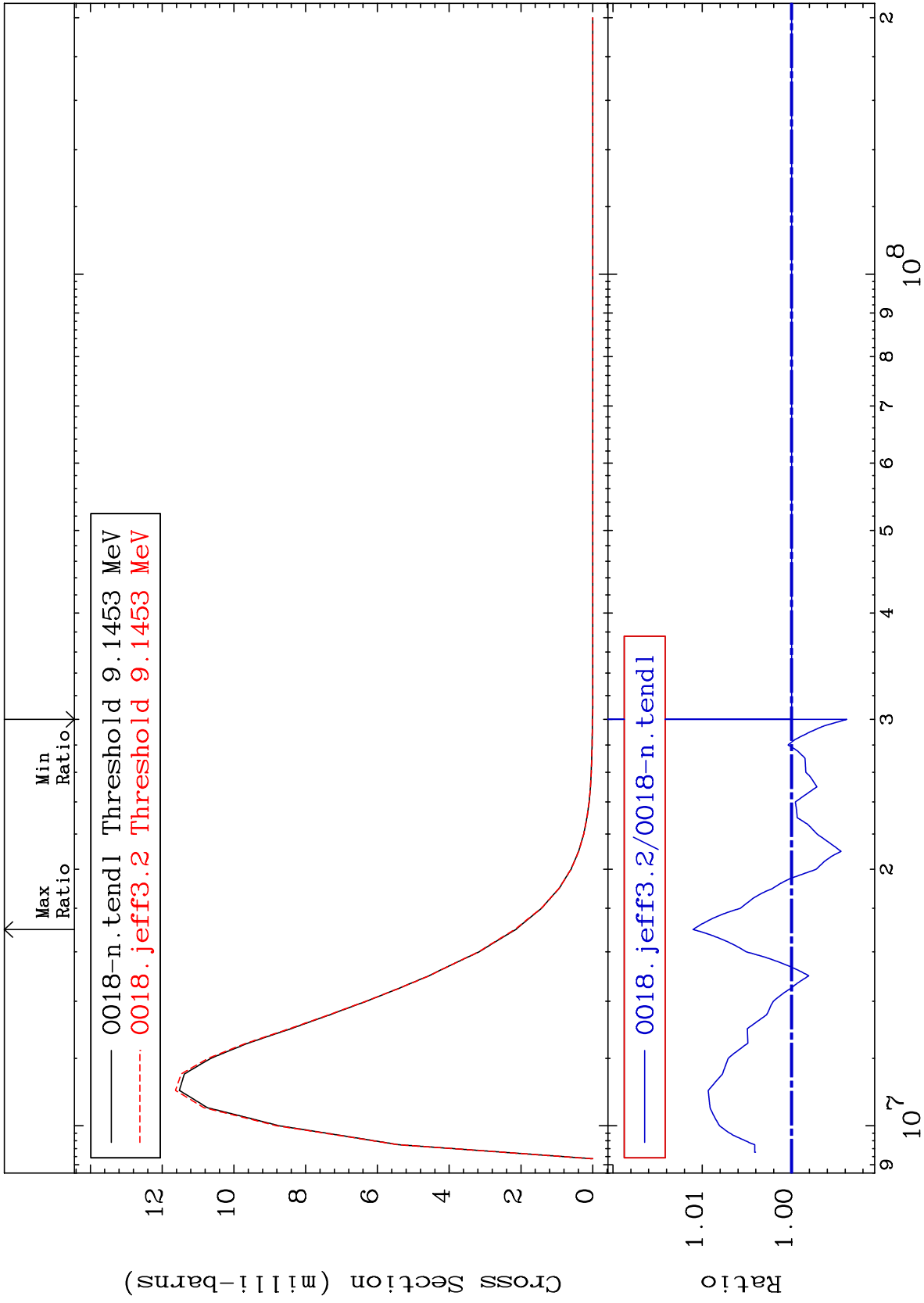
Incident Energy (eV)

8-0 -18

MAT 831

8.660 MeV (n,n') Level
Cross Section

8-0 -18
-0.617 To 1.103 %



43

Incident Energy (eV)

8-0 -18

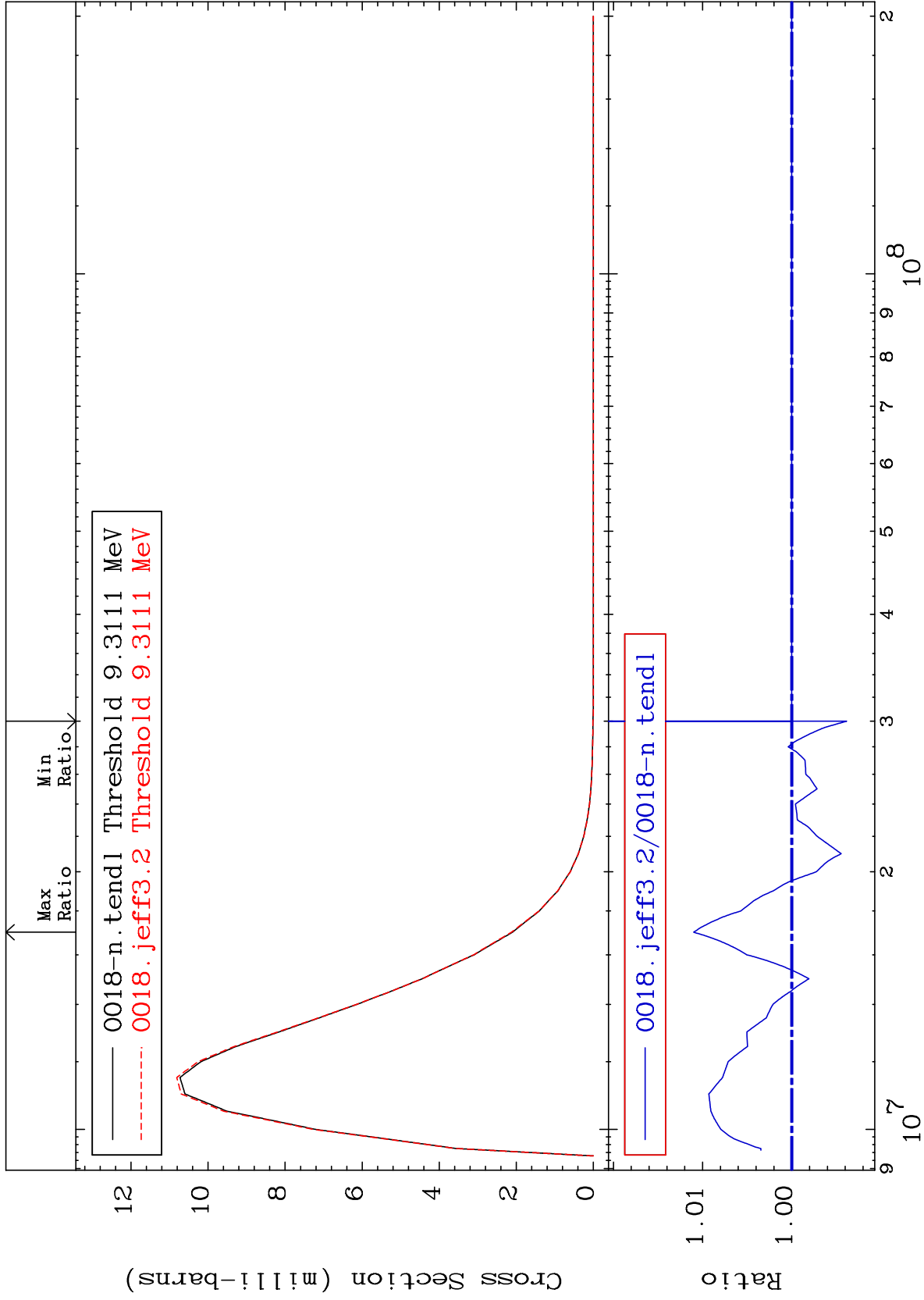
MAT 831

8.817 MeV (n,n') Level

8-0 -18

-0.616 To 1.101 %

Cross Section



Incident Energy (eV)

8-0 -18

44

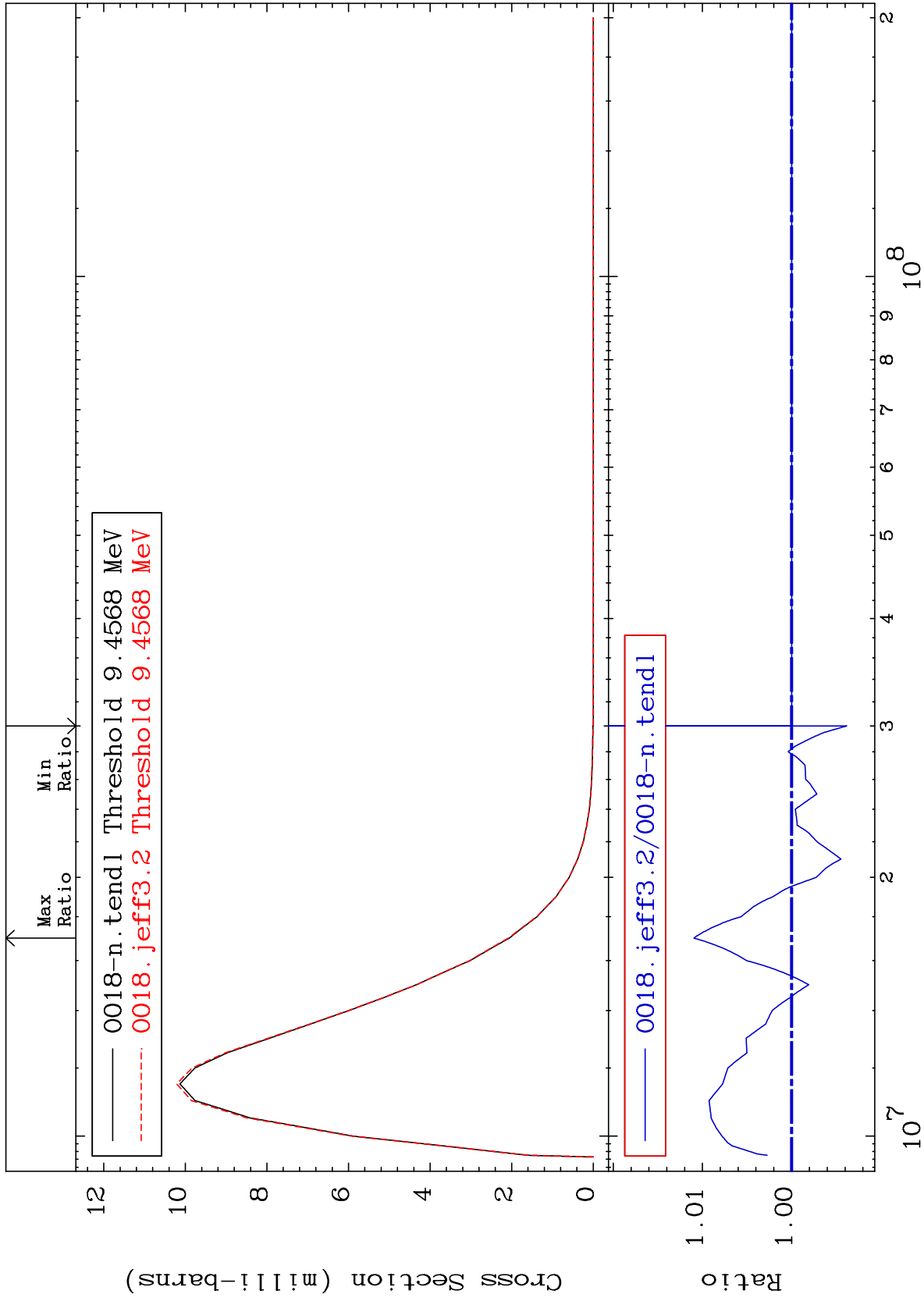
MAT 831

8.955 MeV (n,n') Level

8-0 -18

Cross Section

-0.616 To 1.098 %



Incident Energy (eV)

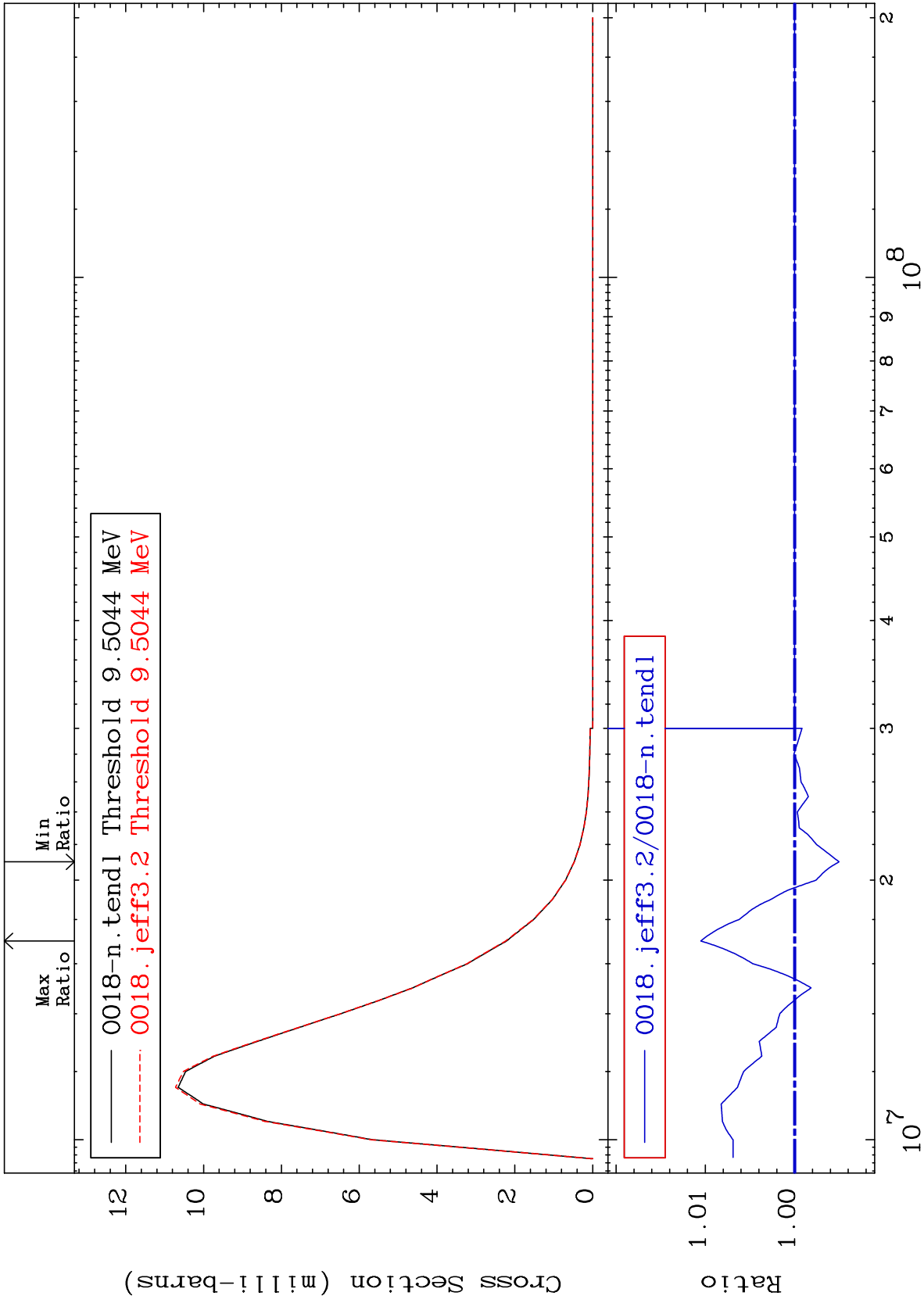
8-0 -18

45

MAT 831

9.000 MeV (n,n') Level
Cross Section

8-0 -18
-0.498 To 1.052 %



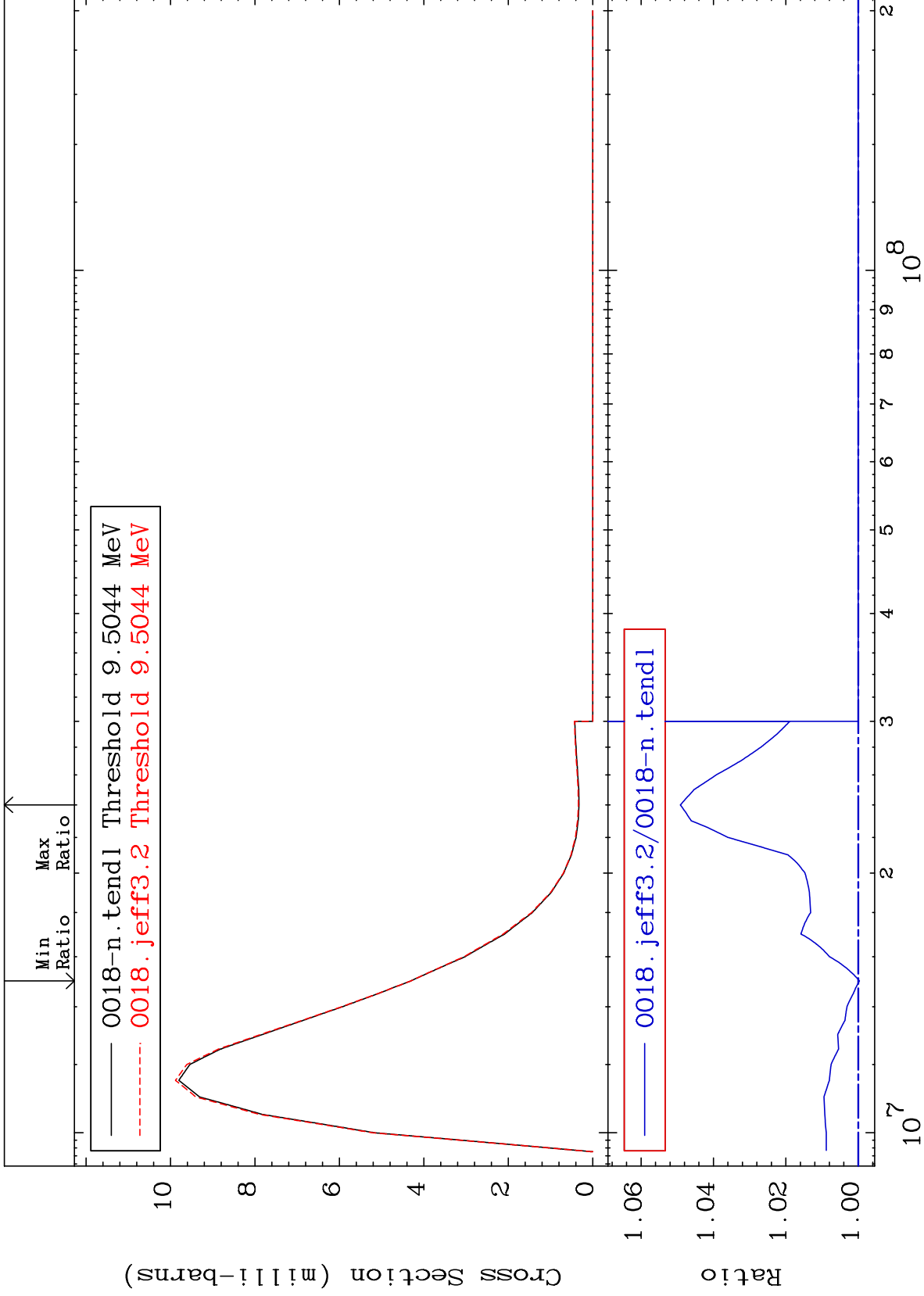
46

8-0 -18

MAT 831

(n,n') Continuum
Cross Section

8-0 -18
-0.032 To 4.914 %



47

Incident Energy (eV)

8-0 -18

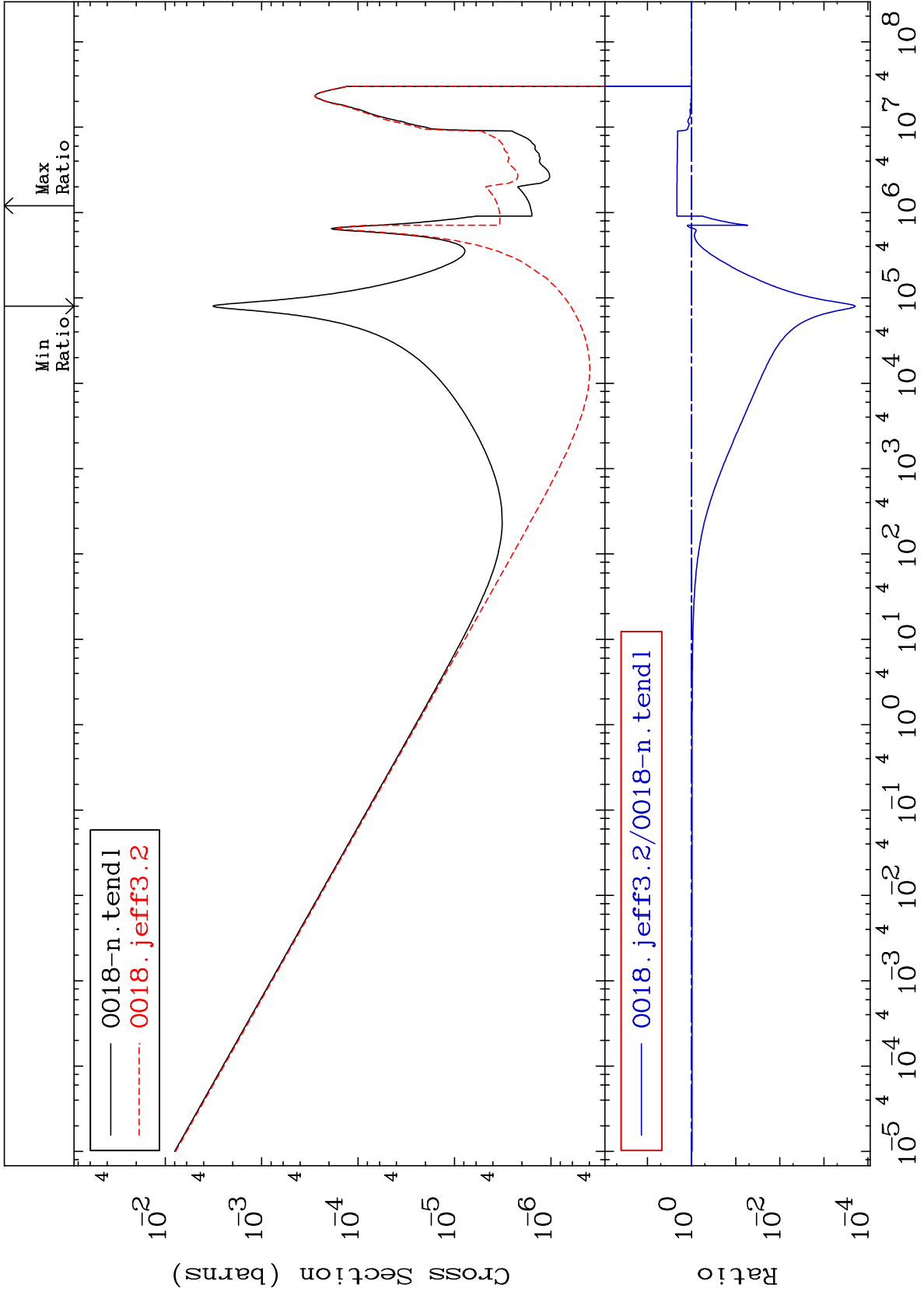
MAT 831

(n, γ)

Cross Section

8-0 -18

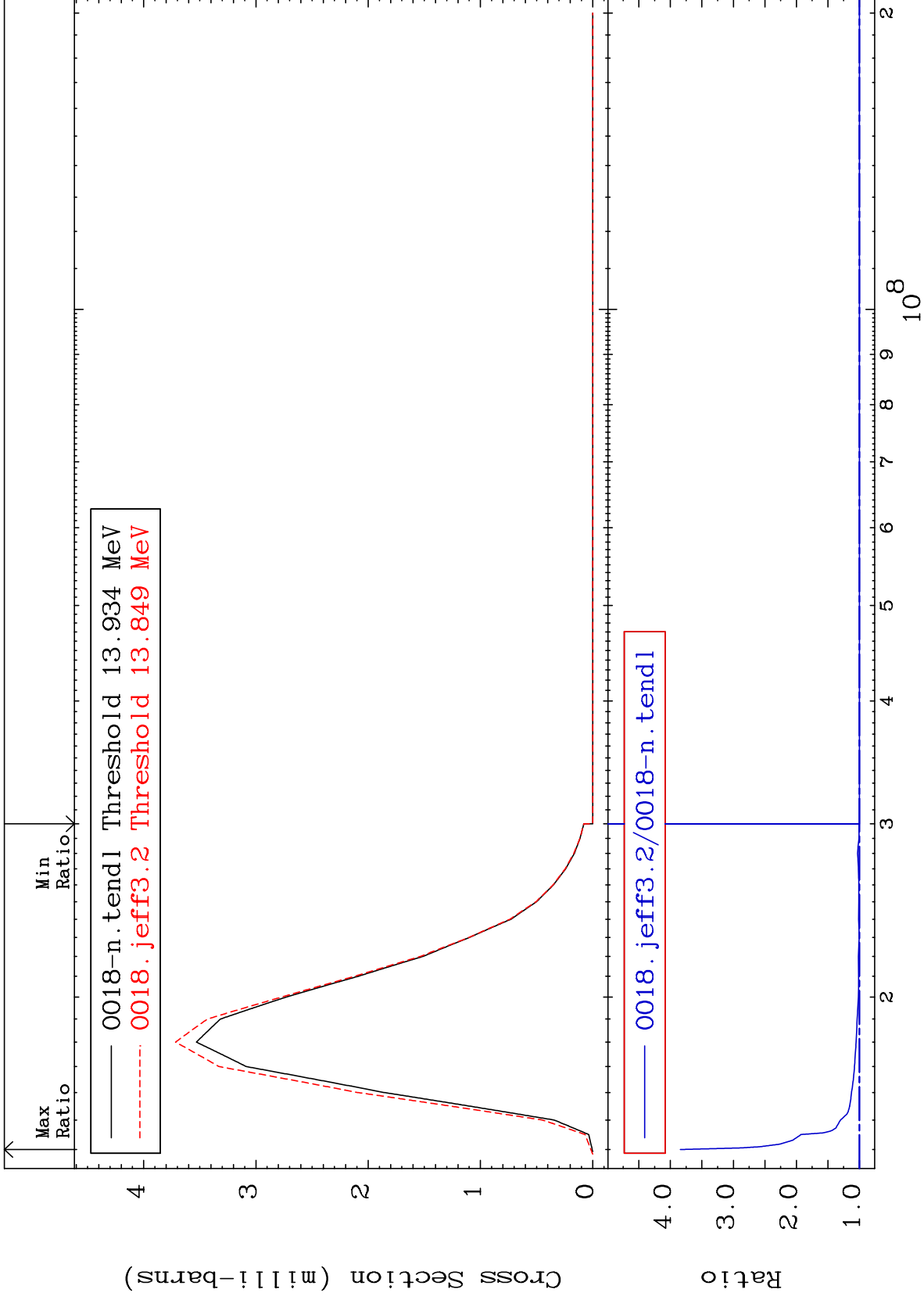
-99.98 To 115.1 %



MAT 831

(n,p)
Cross Section

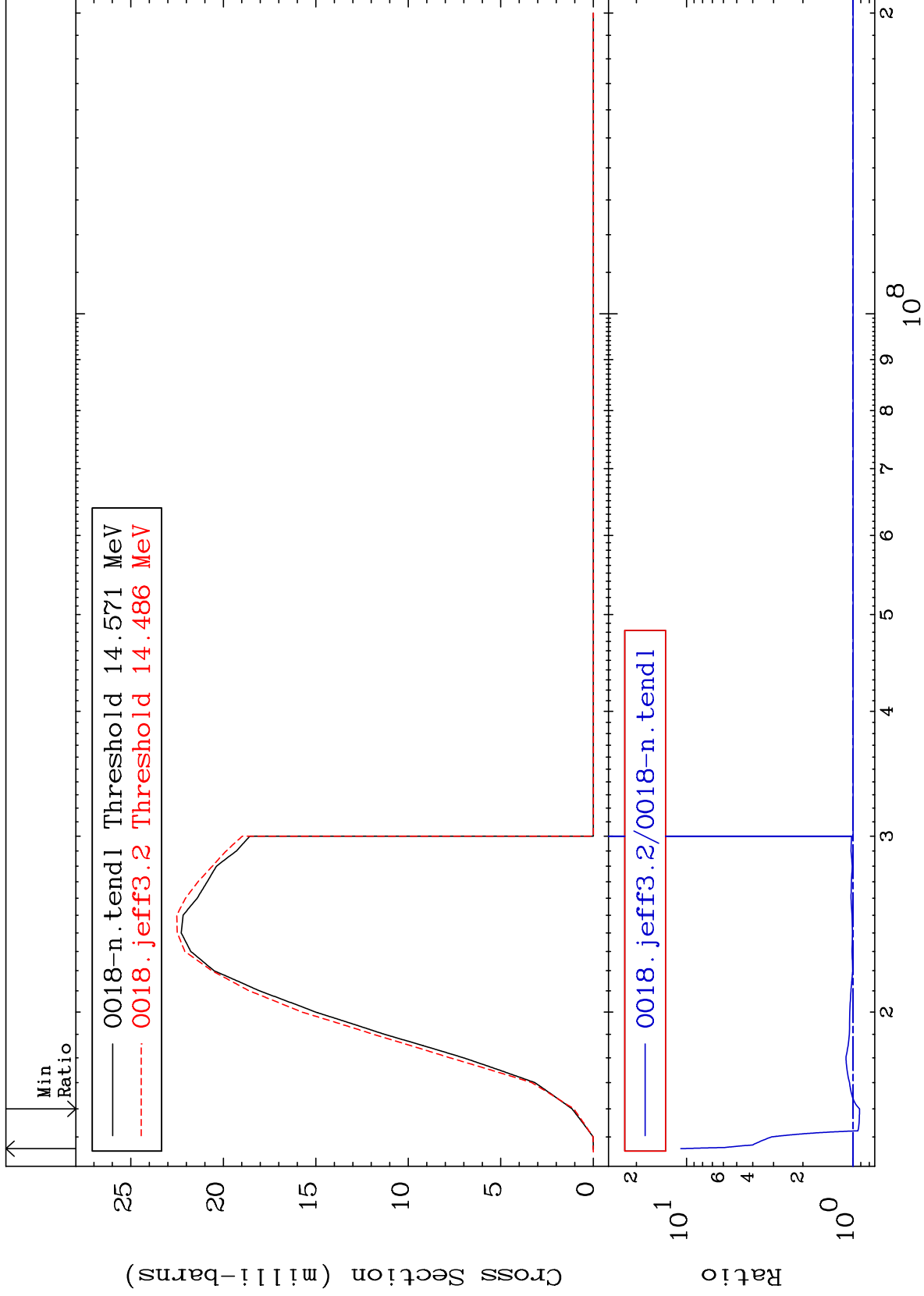
8-0 -18
0.000 To 284.1 %



MAT 831

(n, d)
Cross Section

8-0 -18
-8.489 To 982.8 %



50

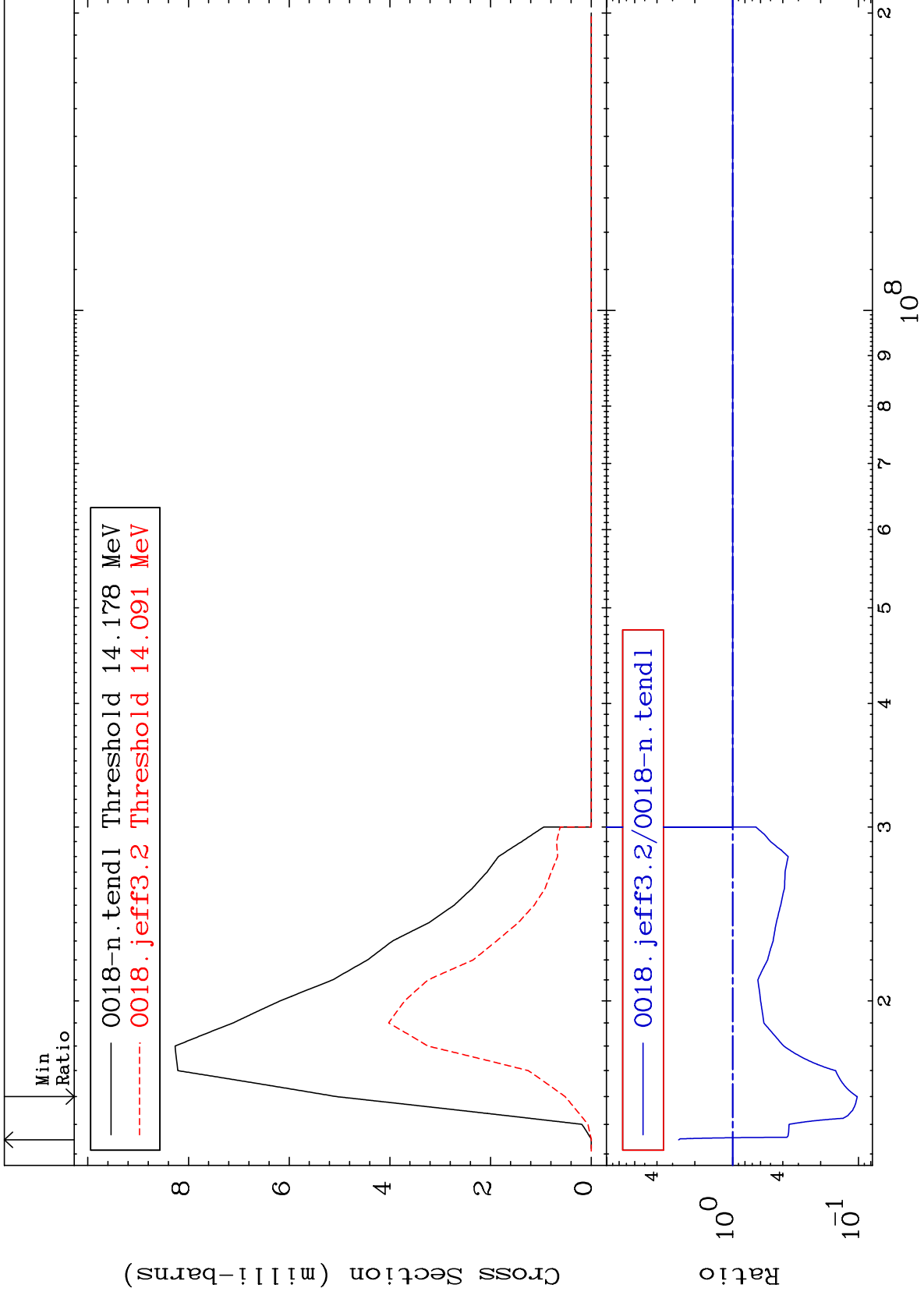
Incident Energy (eV)

8-0 -18

MAT 831

(n, t)
Cross Section

8-0 -18
-89.77 To 168.7 %



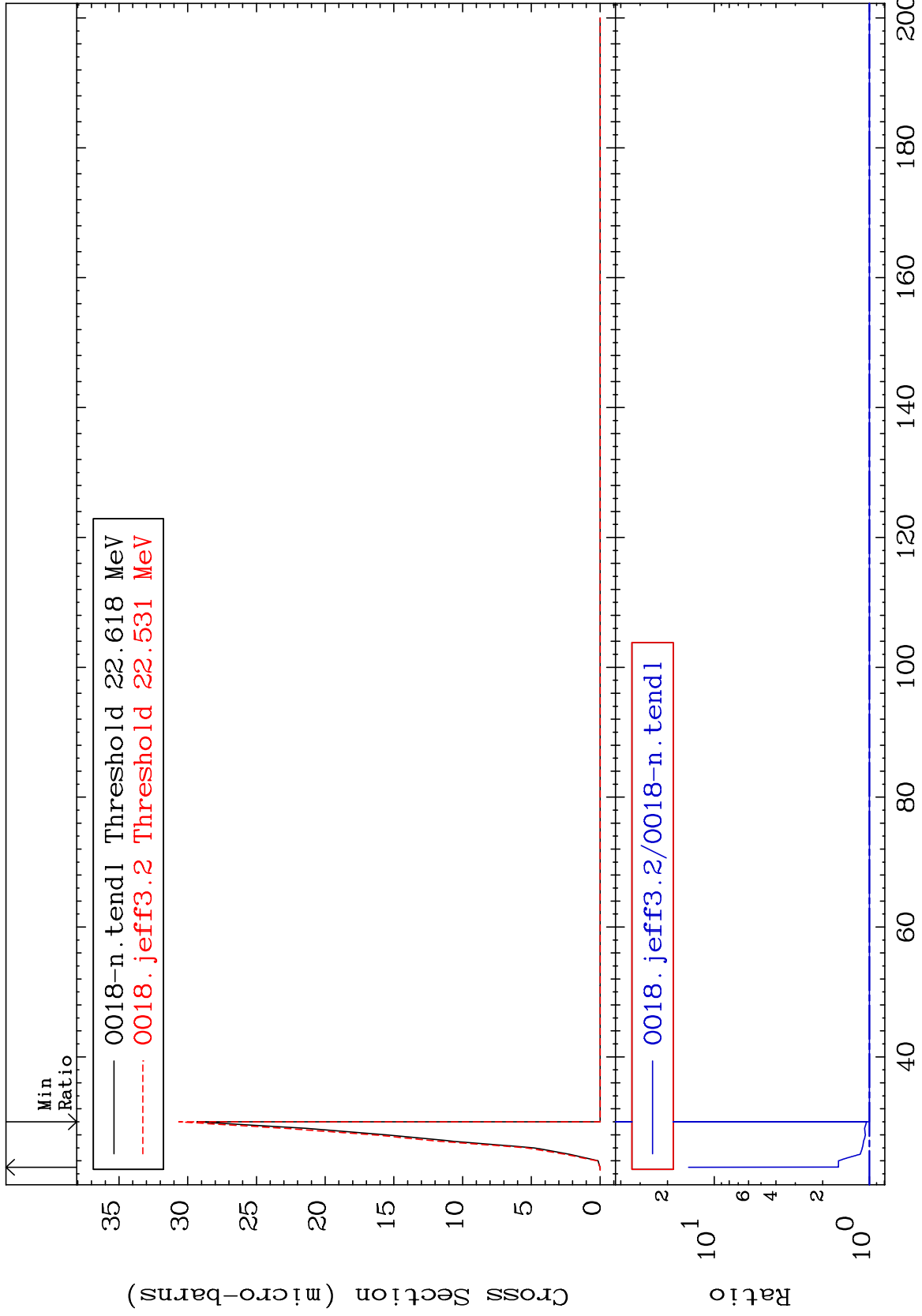
MAT 831

(n, He-3)

8-0 -18

Cross Section

0.000 To 1363. %



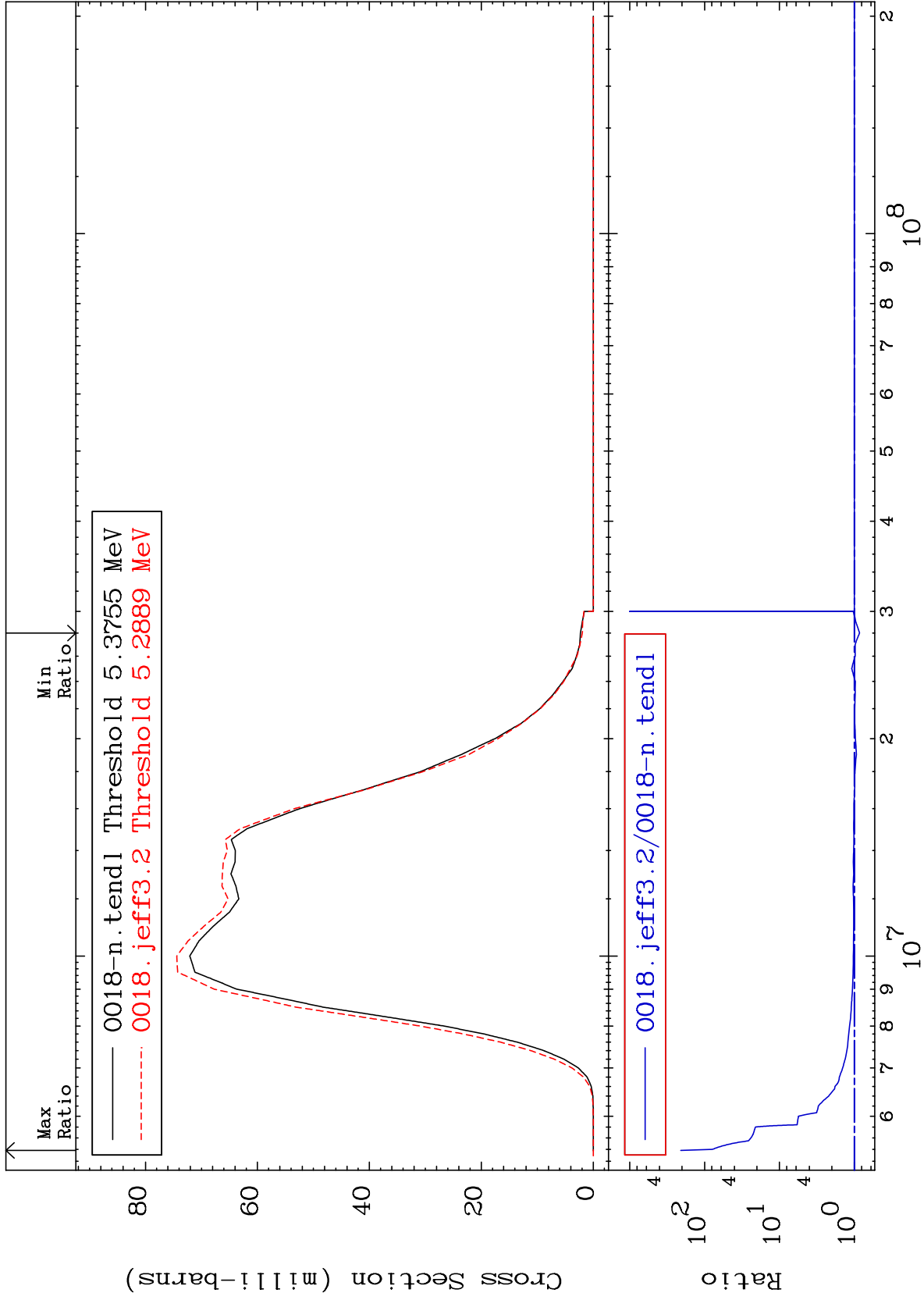
MAT 831

(n, α)

8-0 -18

Cross Section

-14.57 To 9999. %



53

Incident Energy (eV)

8-0 -18

MAT 831

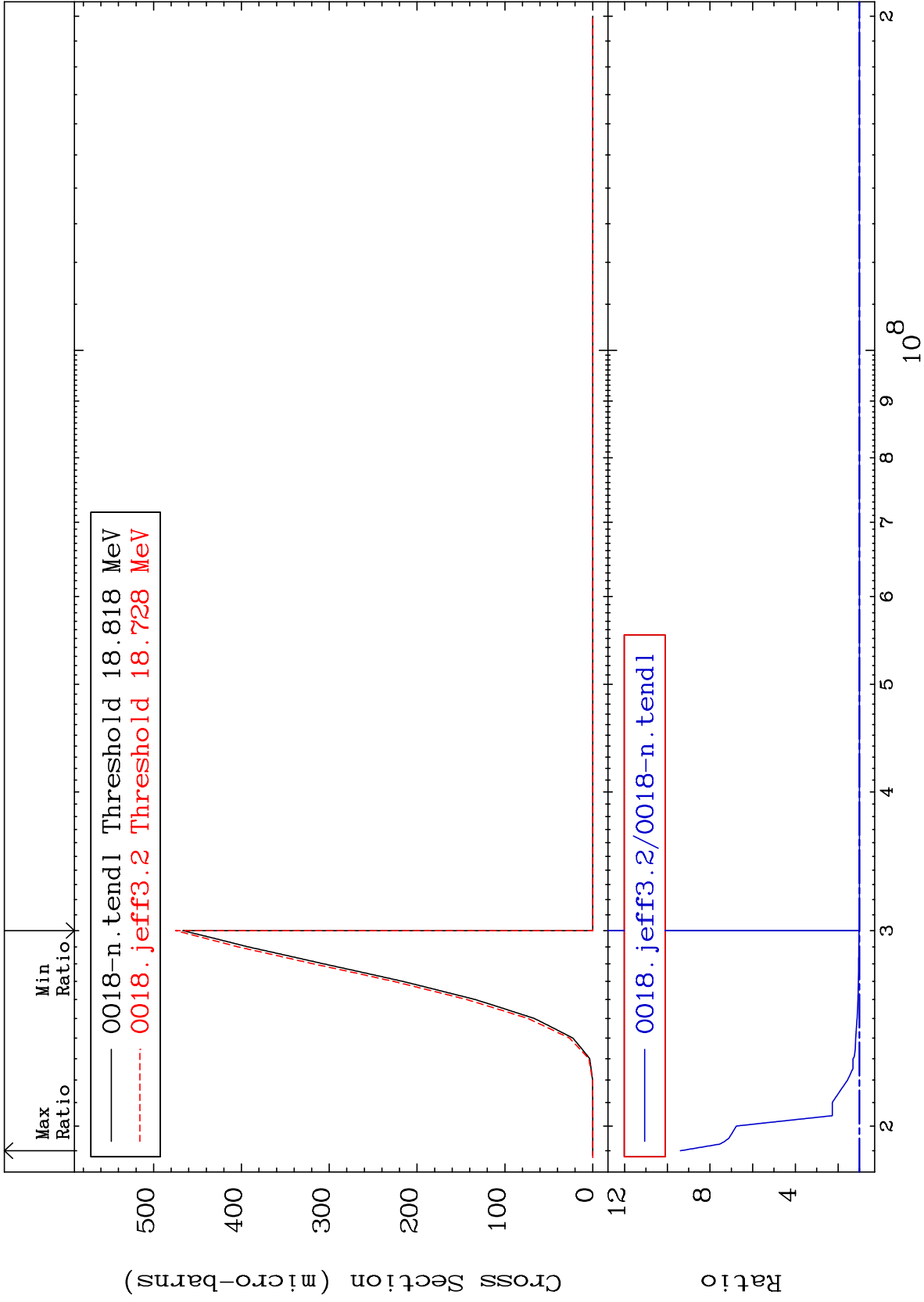
(n,2α)

8-0 -18

Cross Section

0.000

To 838.8 %



54

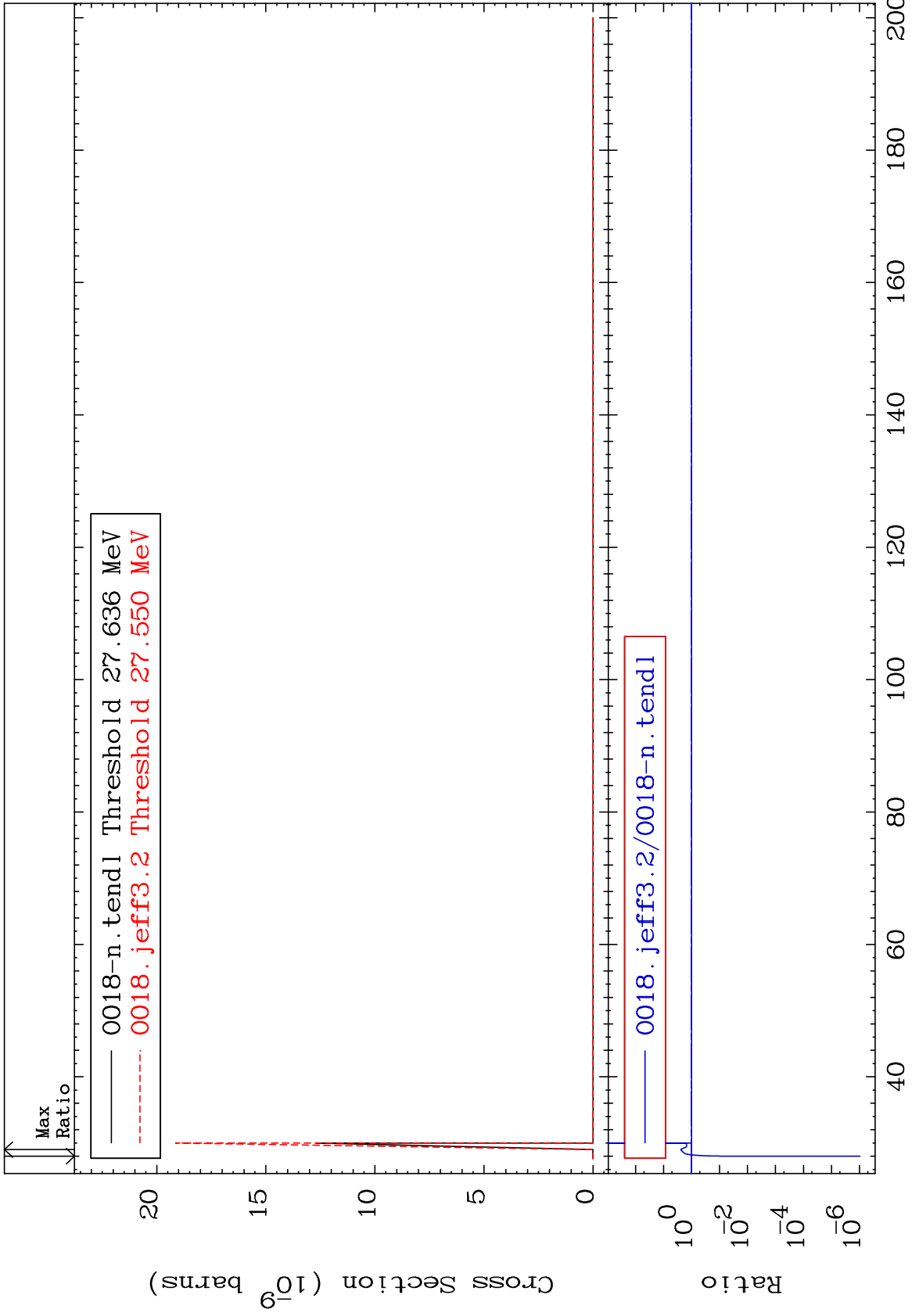
Incident Energy (eV)

8-0 -18

MAT 831

(n,p) α
Cross Section

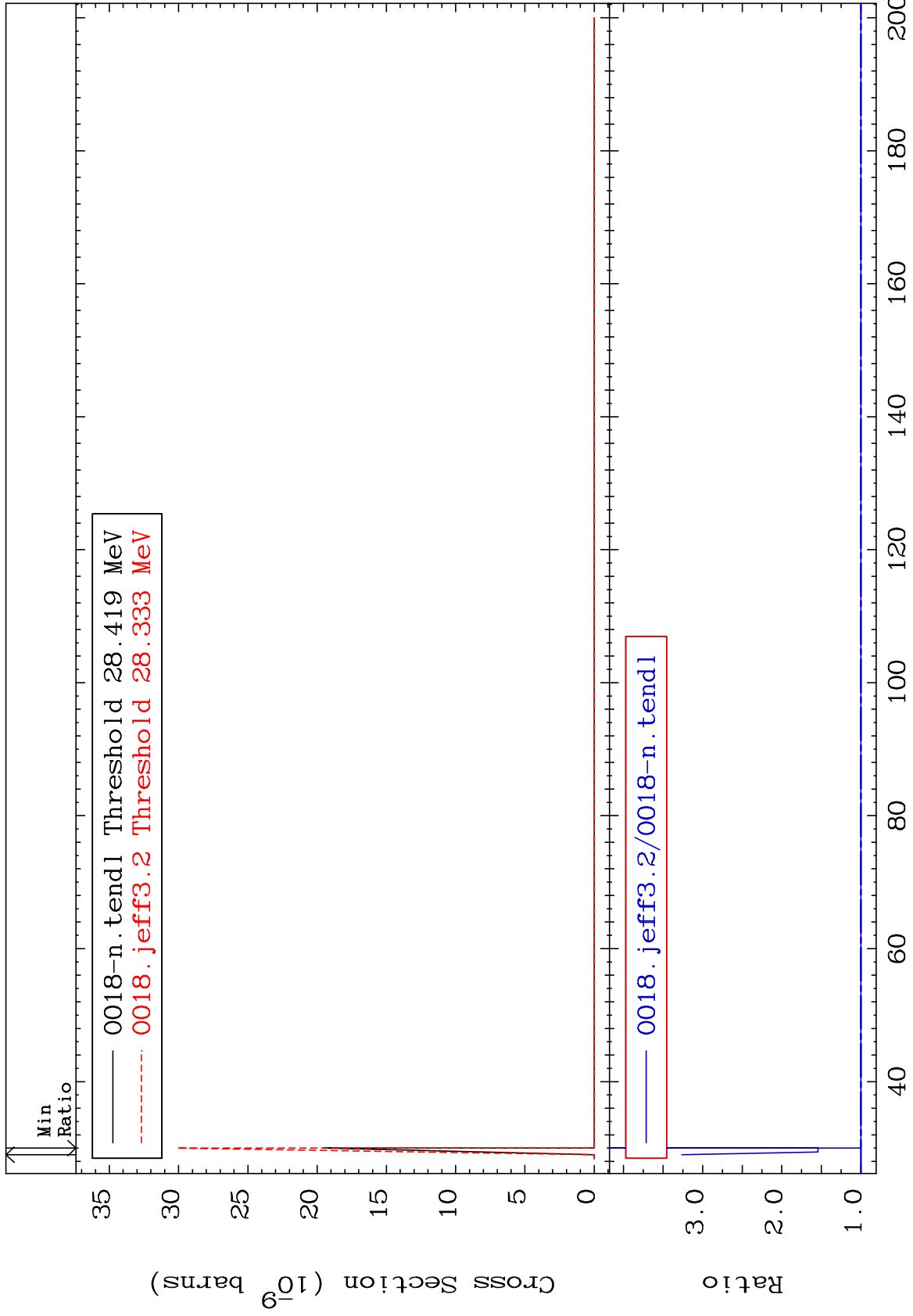
8-0 -18
-100.0 To 143.1 %



MAT 831

(n,p) d
Cross Section

8-0 -18
0.000 To 226.2 %



56

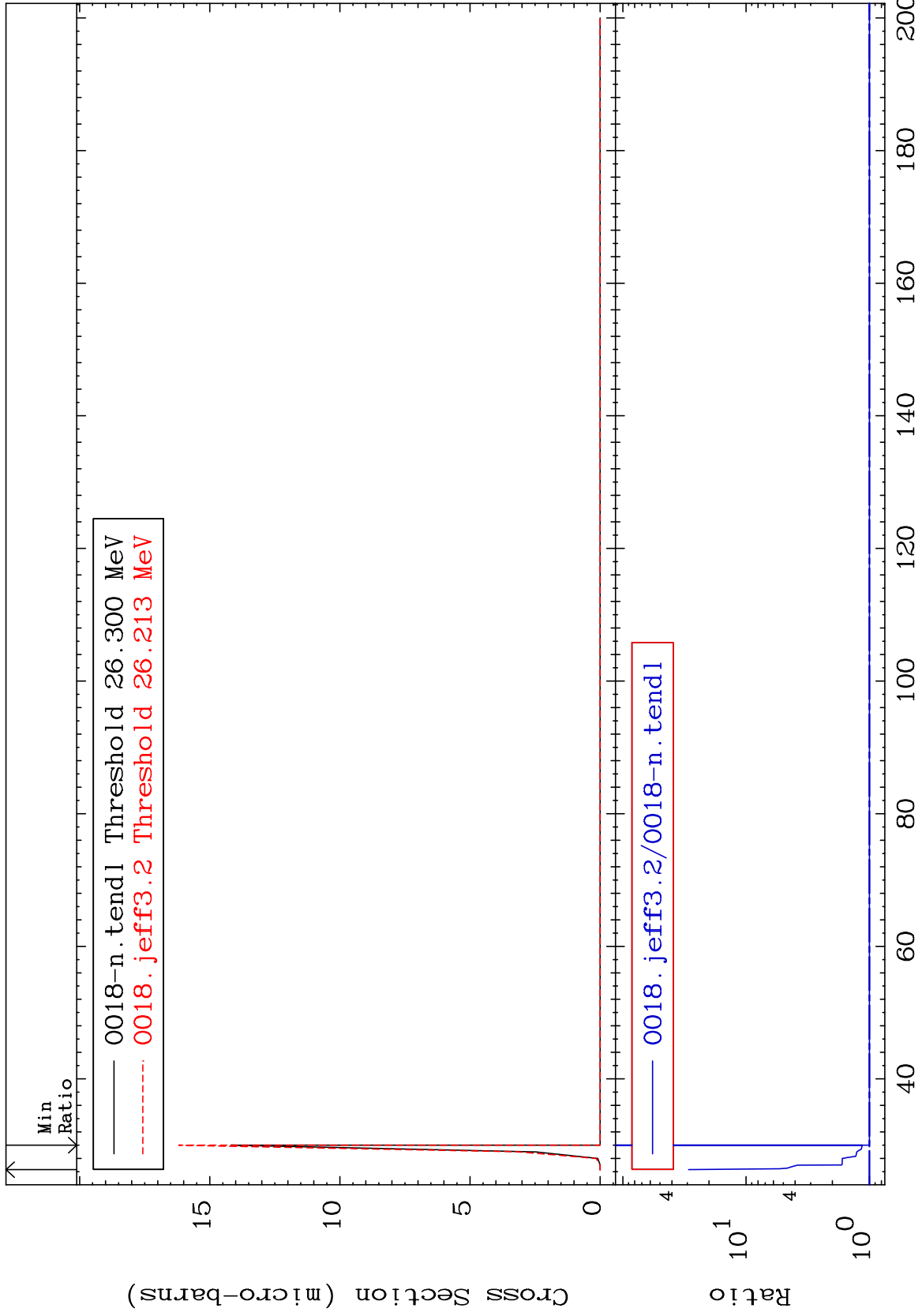
Incident Energy (MeV)

8-0 -18

MAT 831

(n,p) t
Cross Section

8-0 -18
0.000 To 2827. %



57

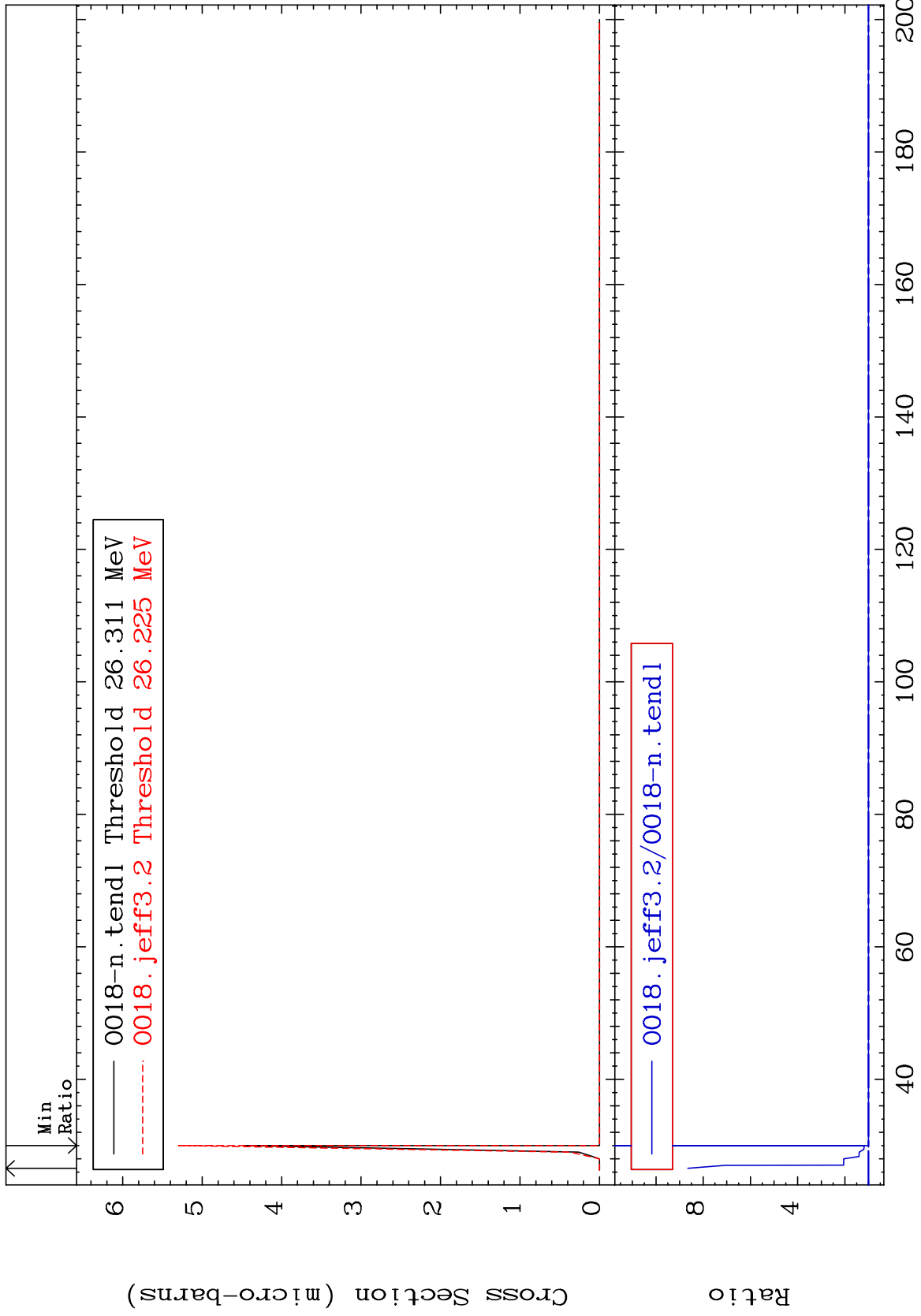
Incident Energy (MeV)

8-0 -18

MAT 831

(n,d) α
Cross Section

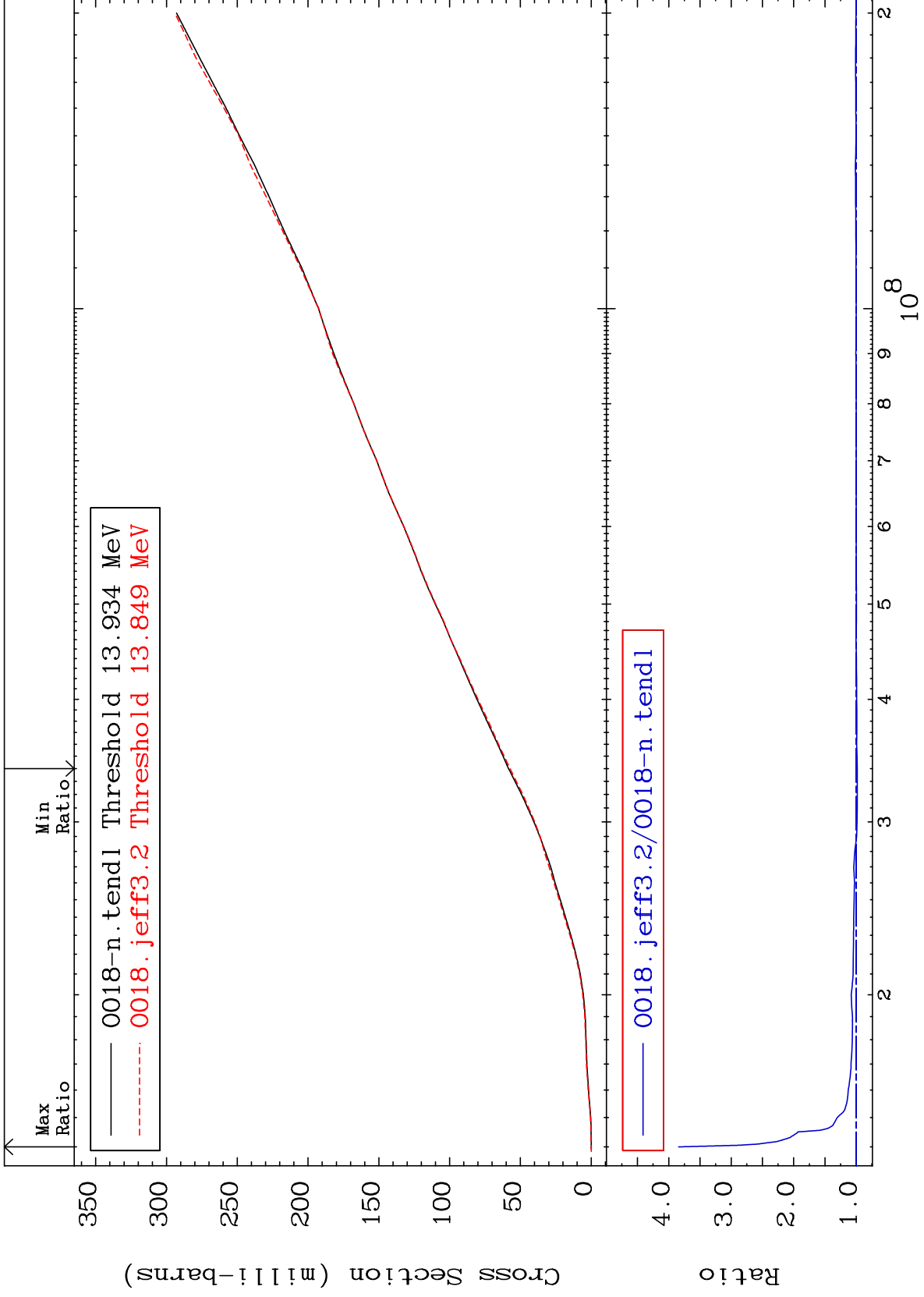
8-0 -18
0.000 To 765.0 %



58

Incident Energy (MeV)

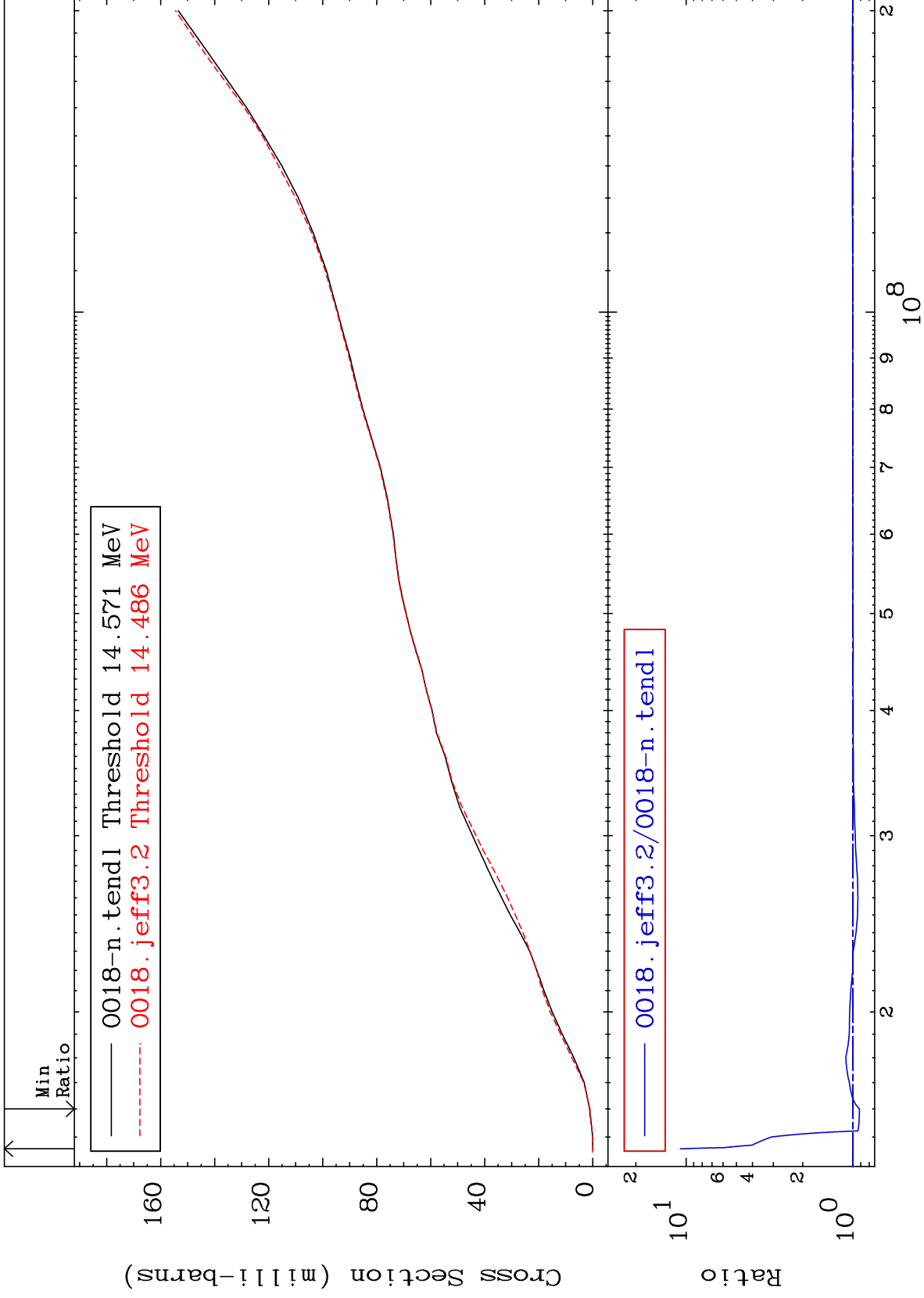
8-0 -18



MAT 831

Deuterium Production Cross Section

8-0 -18
-8.489 To 982.8 %



60

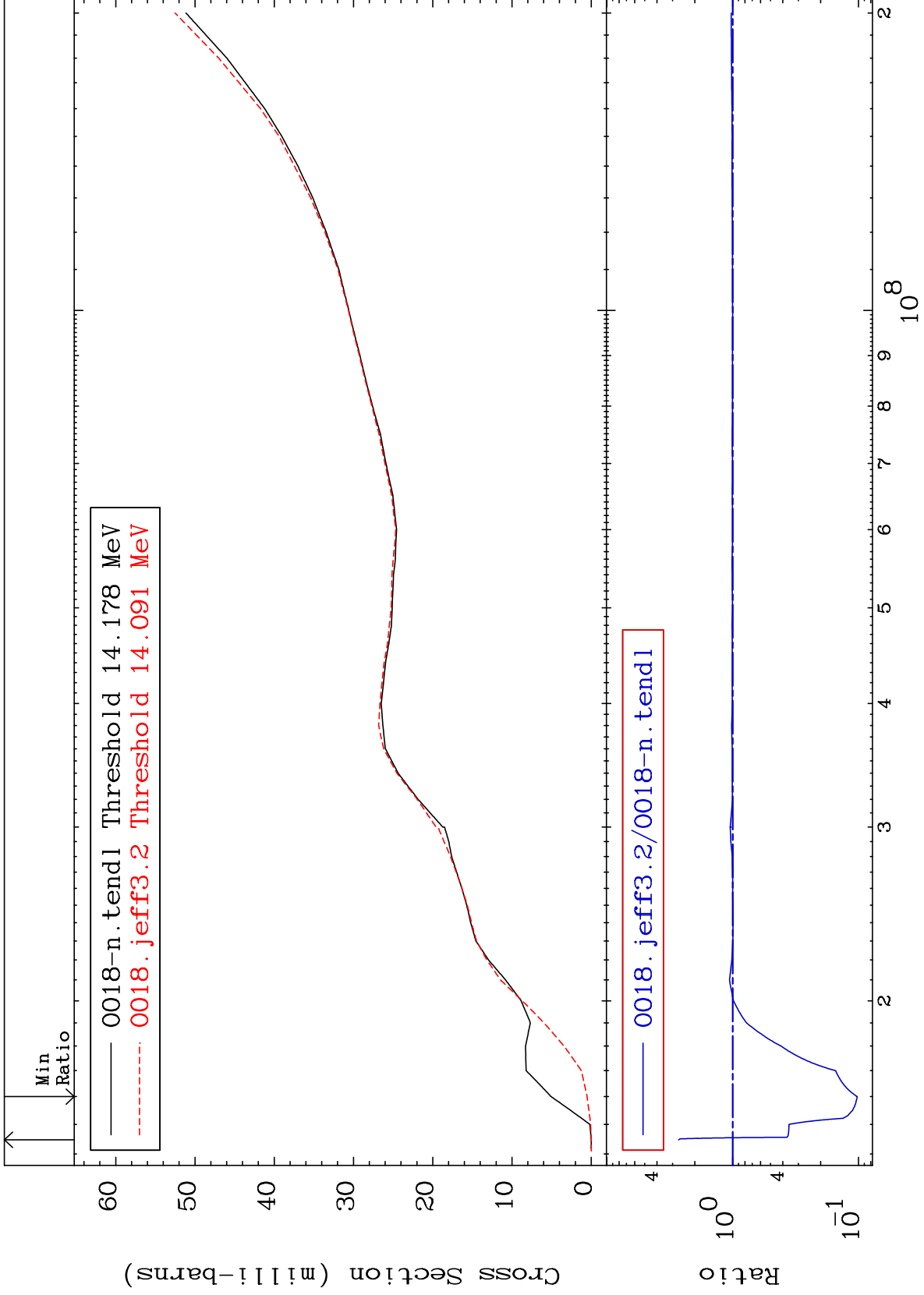
Incident Energy (eV)

8-0 -18

MAT 831

Tritium Production
Cross Section

8-0 -18
-89.77 To 168.7 %



61

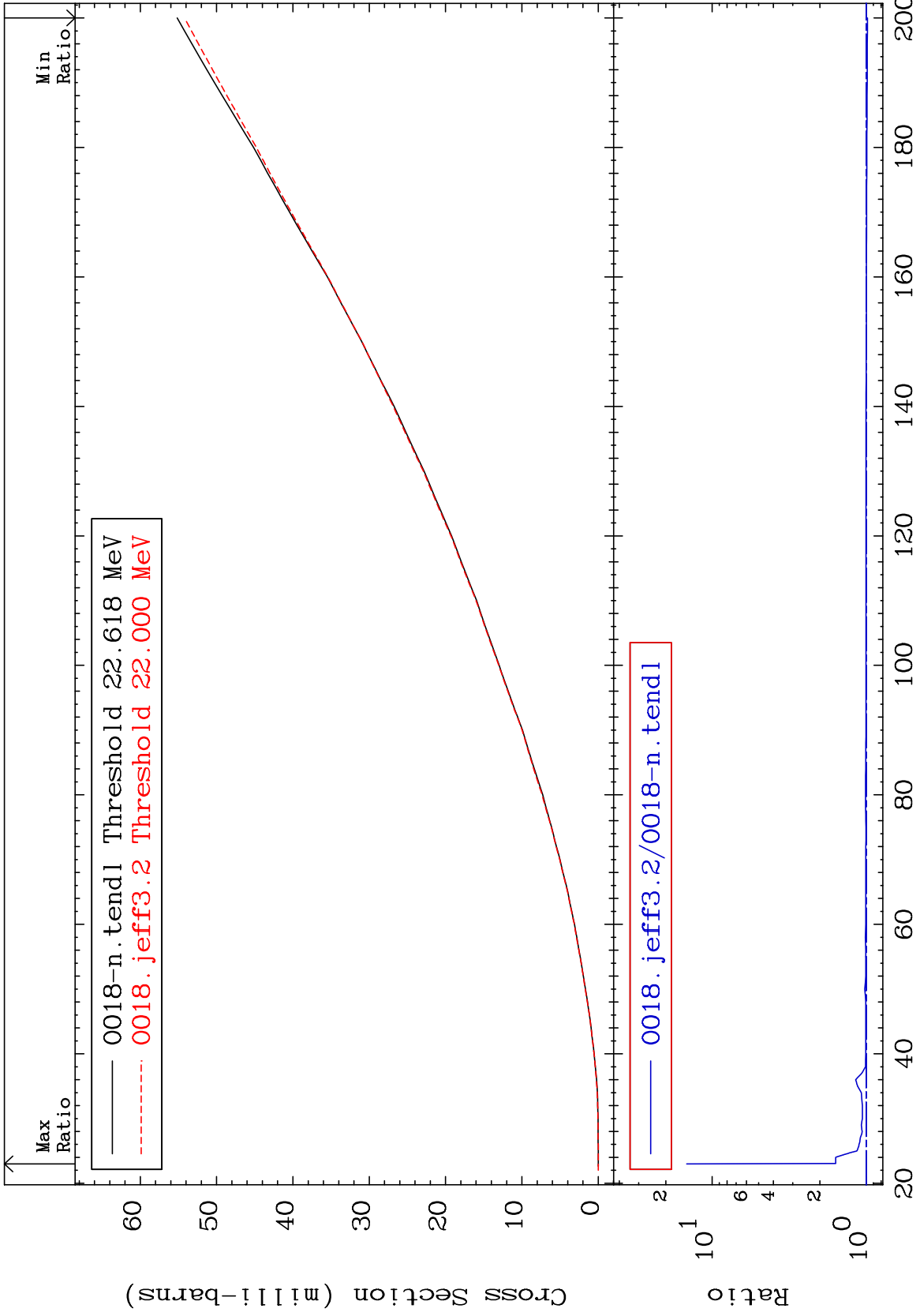
Incident Energy (eV)

8-0 -18

MAT 831

He-3 Production
Cross Section

8-0 -18
-1.778 To 1363. %



62

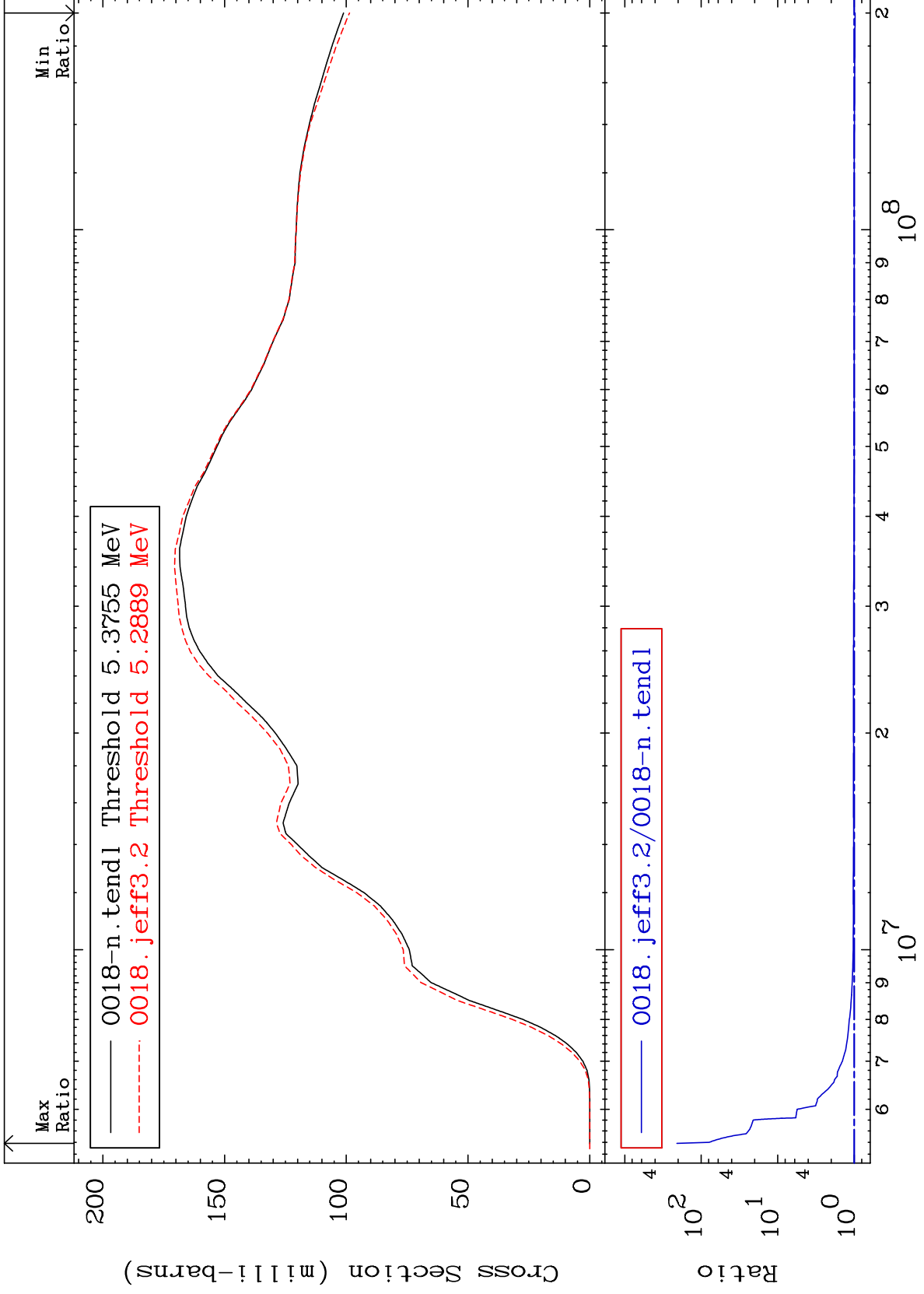
Incident Energy (MeV)

8-0 -18

MAT 831

He-4 Production
Cross Section

8-0 -18
-2.395 To 9999. %



63

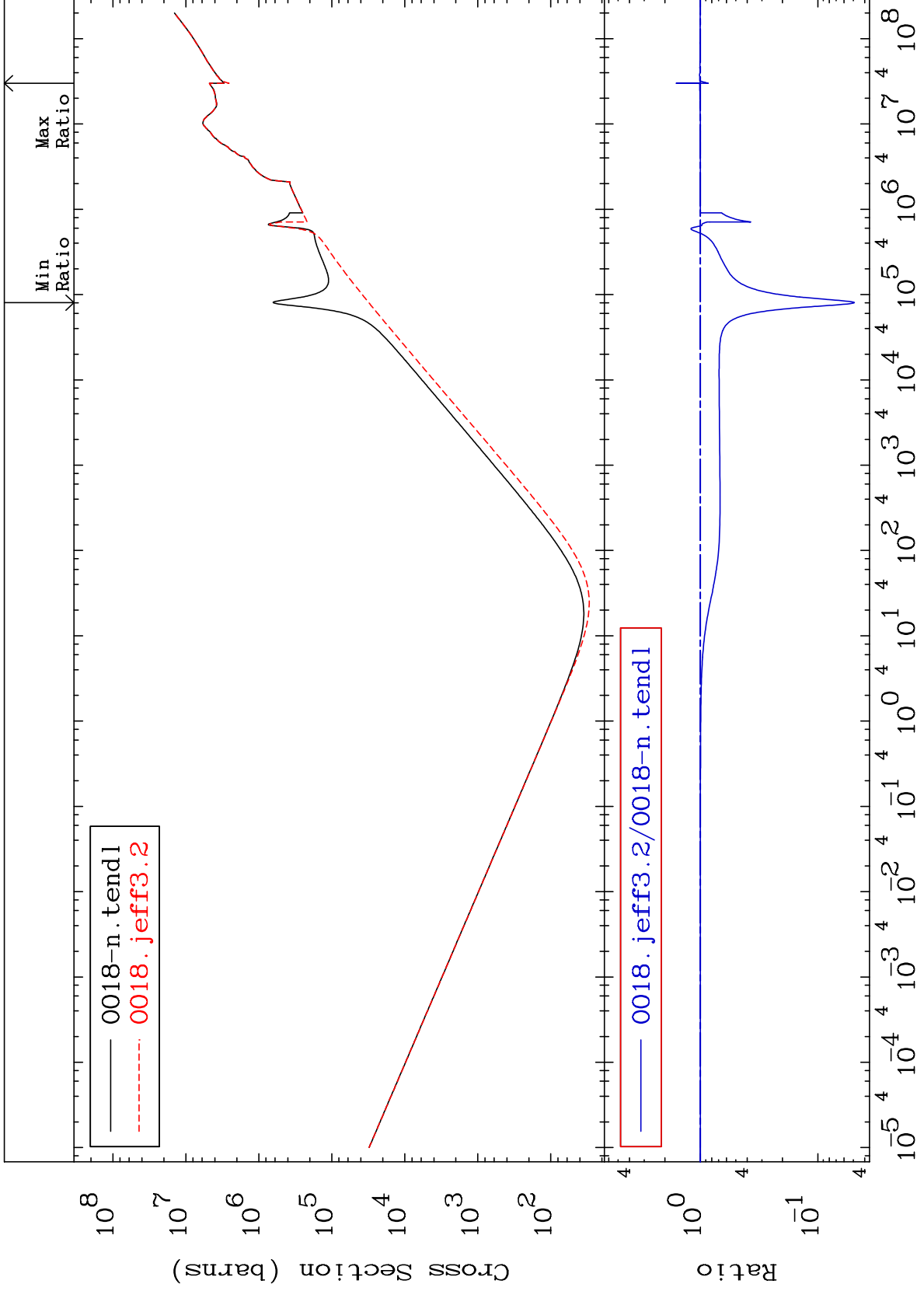
Incident Energy (eV)

8-0 -18

MAT 831

Kerma total (eV-barns)
Cross Section

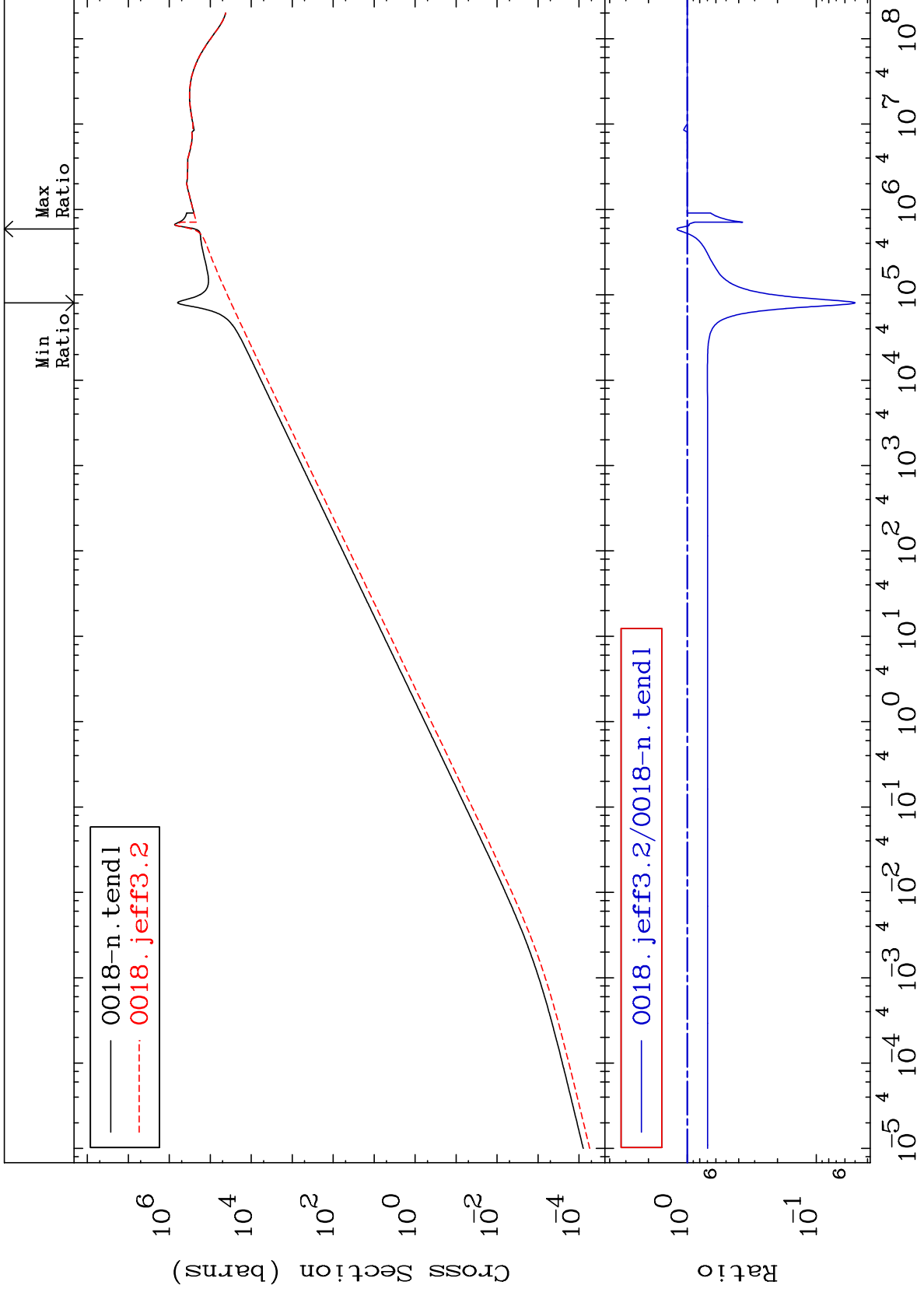
8-0 -18
-95.10 To 59.87 %



MAT 831

Kerma elastic
Cross Section

8-0 -18
-95.00 To 20.34 %



65

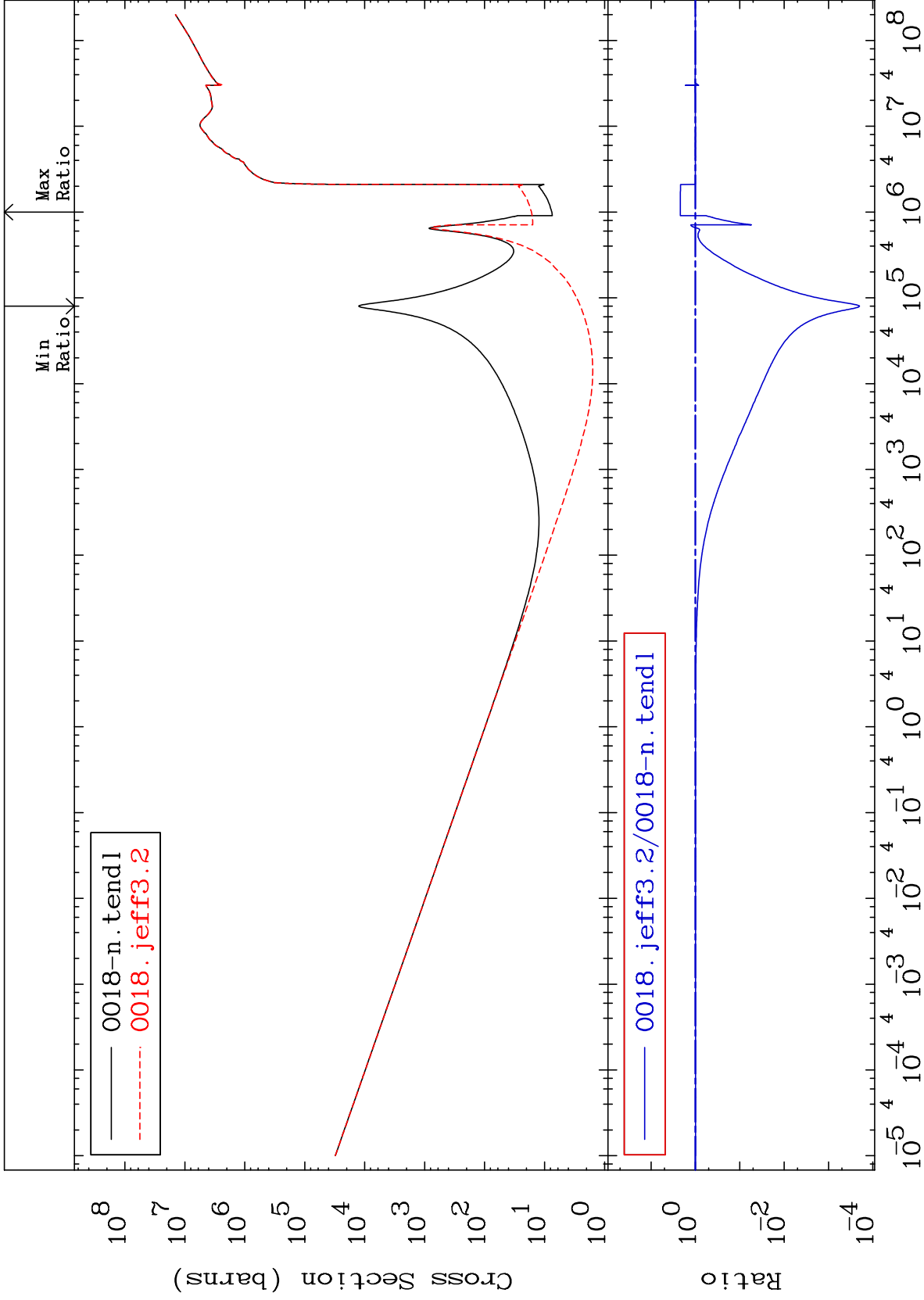
Incident Energy (eV)

8-0 -18

MAT 831

Kerma non-elastic (all but mt2)
Cross Section

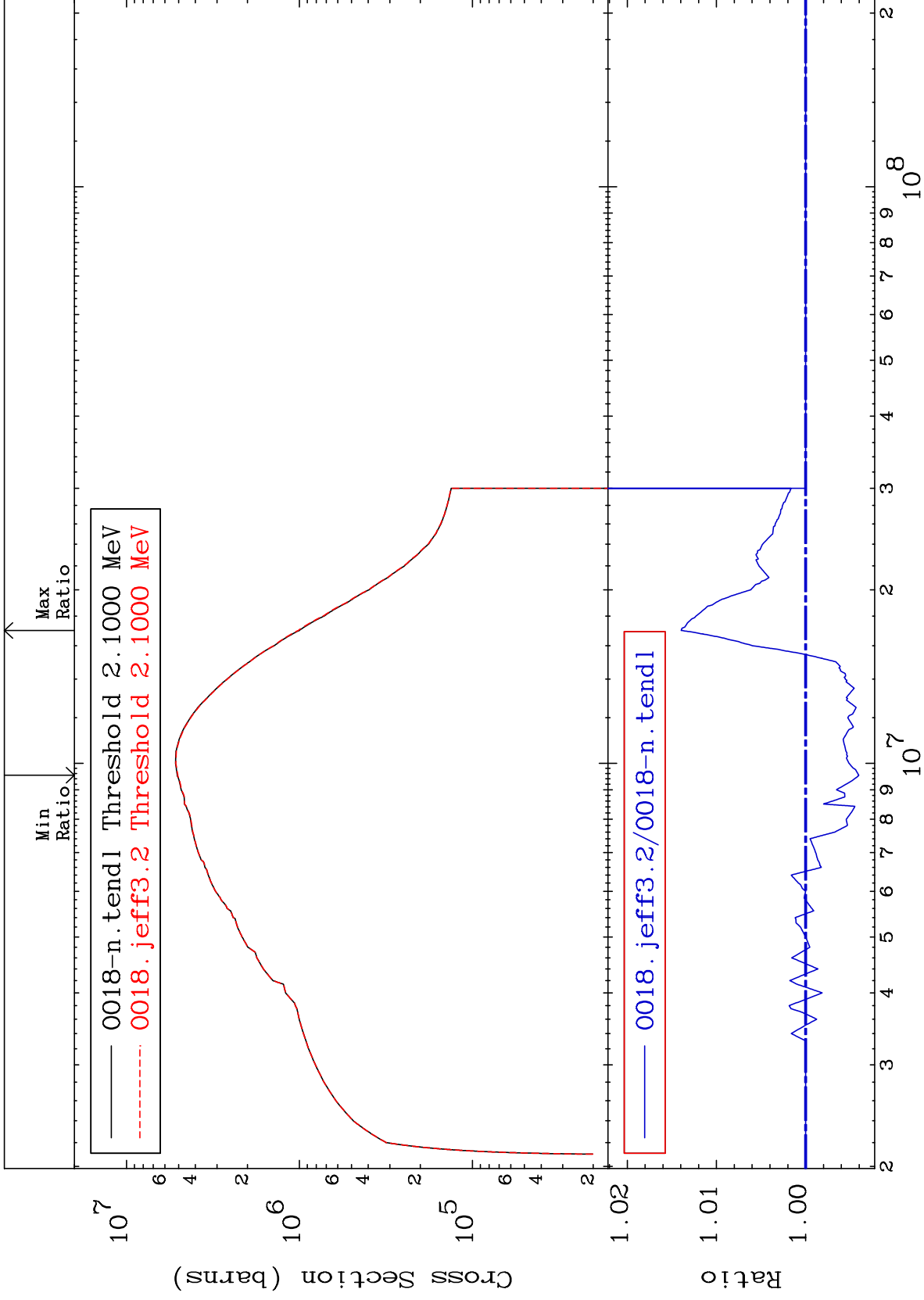
8-0 -18
-99.98 To 118.6 %



66

Incident Energy (eV)

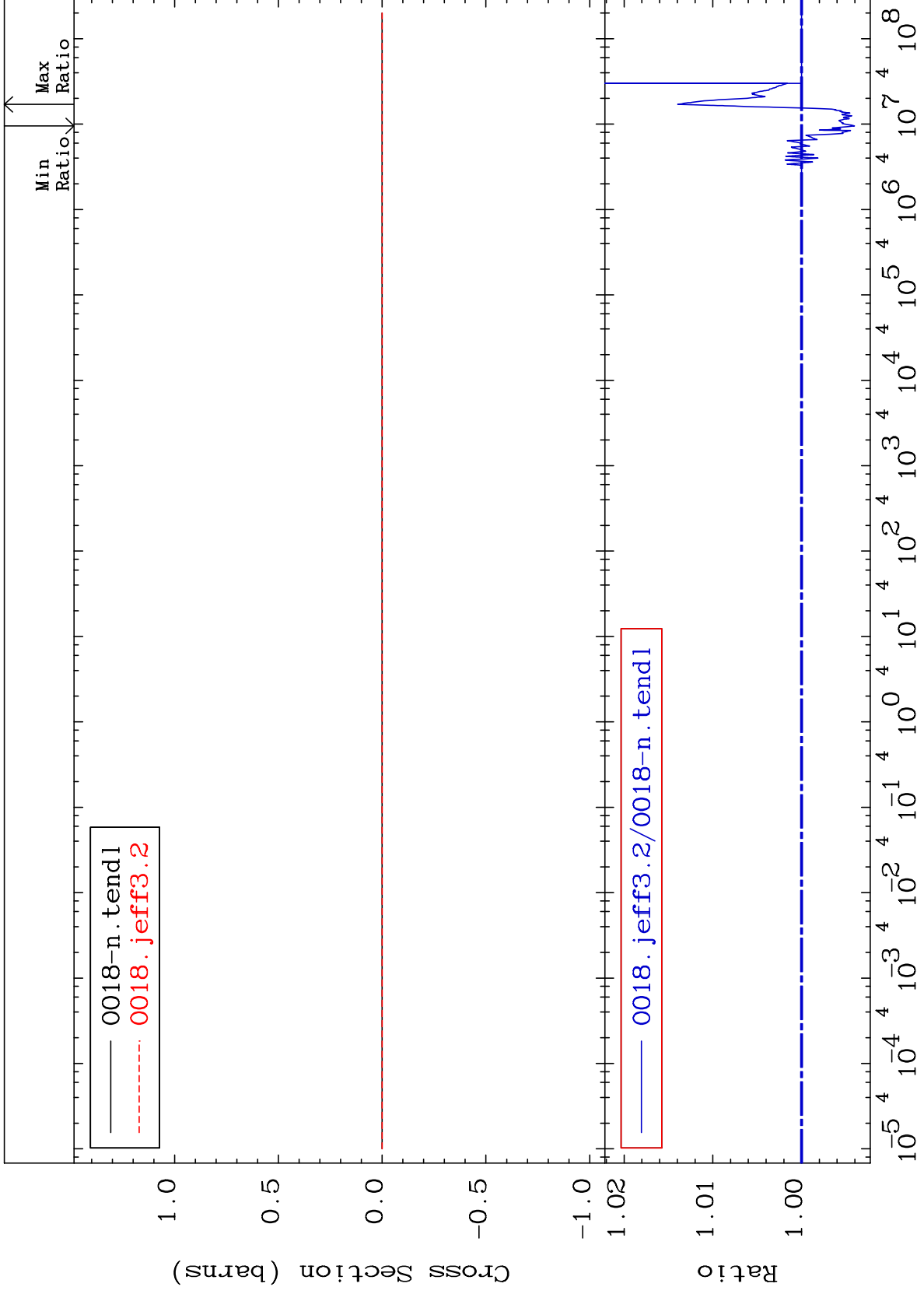
8-0 -18



MAT 831

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

8-0 -18
-0.595 To 1.397 %



68

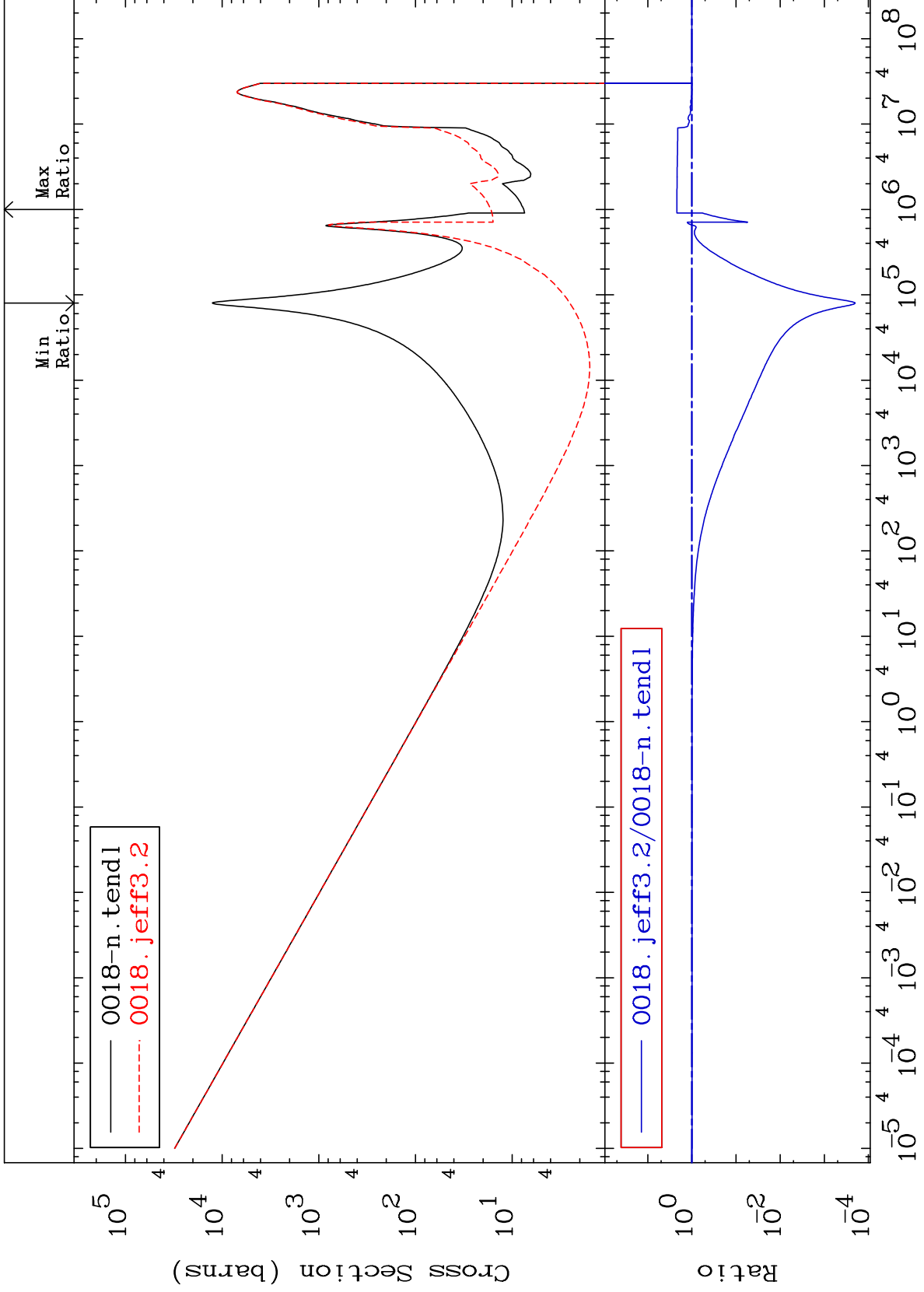
Incident Energy (eV)

8-0 -18

MAT 831

Kerma capture (mt102)
Cross Section

8-0 -18
-99.98 To 118.6 %



69

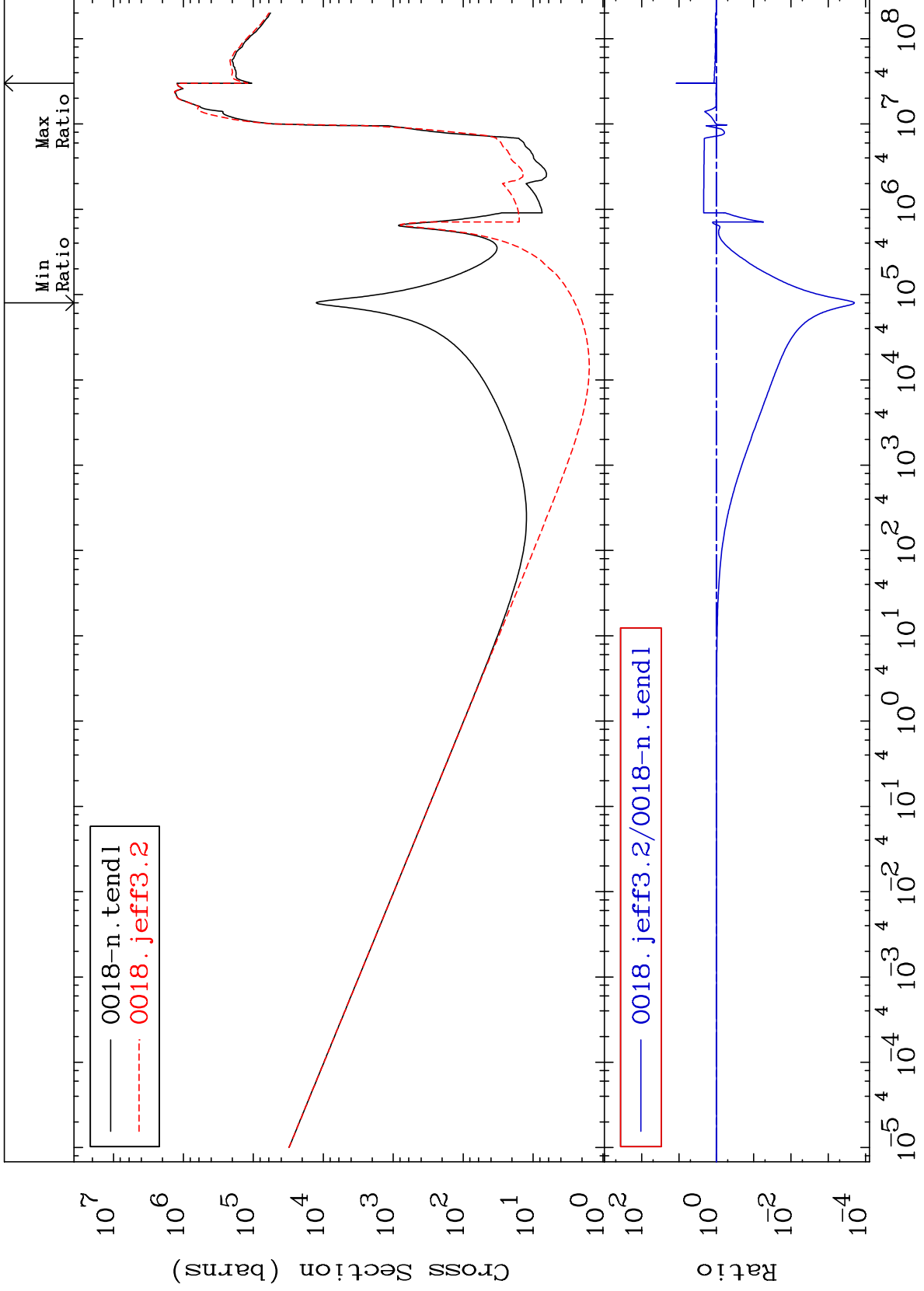
Incident Energy (eV)

8-0 -18

MAT 831

Total photon (eV-barns)
Cross Section

8-0 -18
-99.98 To 1083. %



70

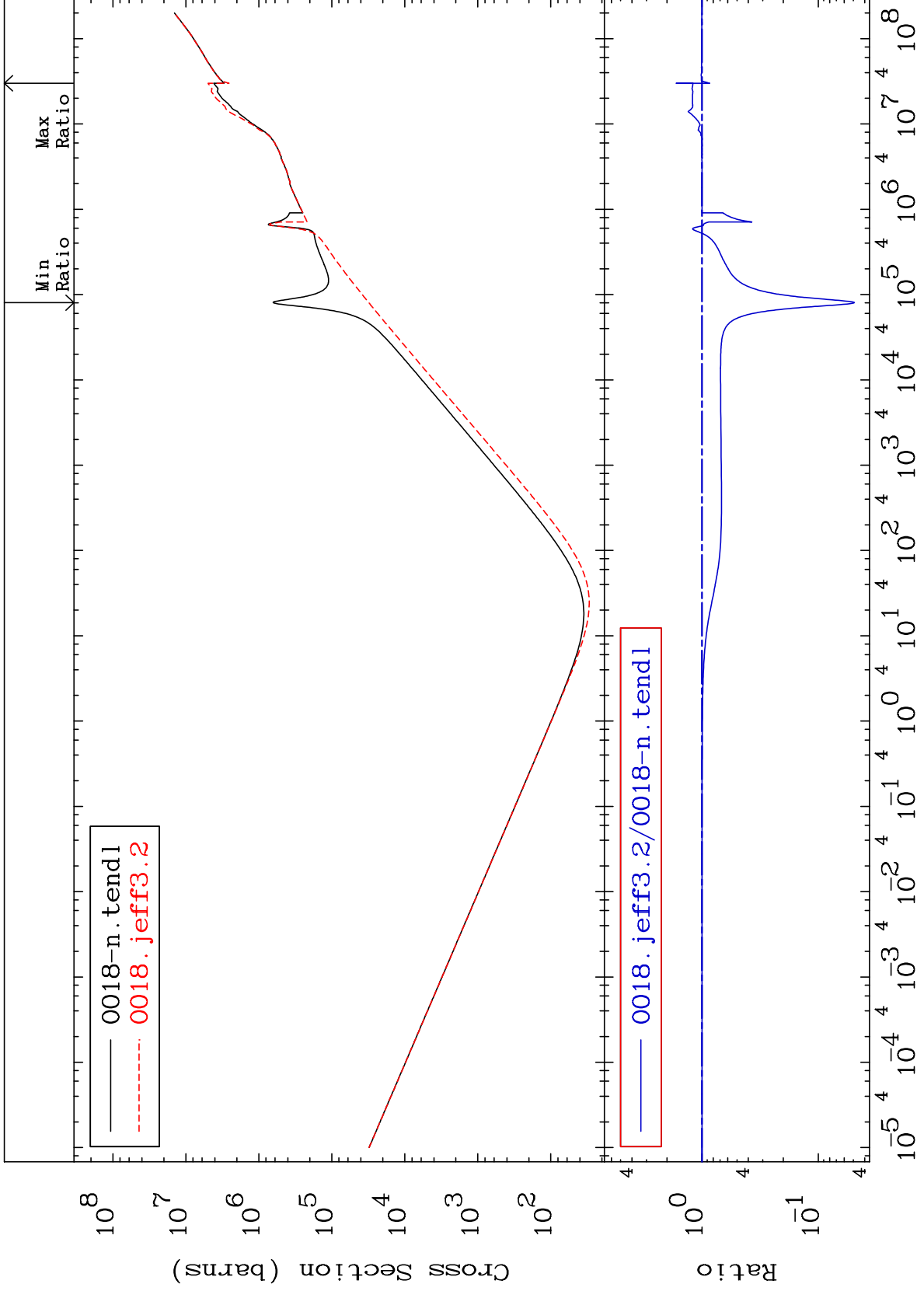
Incident Energy (eV)

8-0 -18

MAT 831

Total kinematic kerma (high limit)
Cross Section

8-0 -18
-95.10 To 65.97 %



71

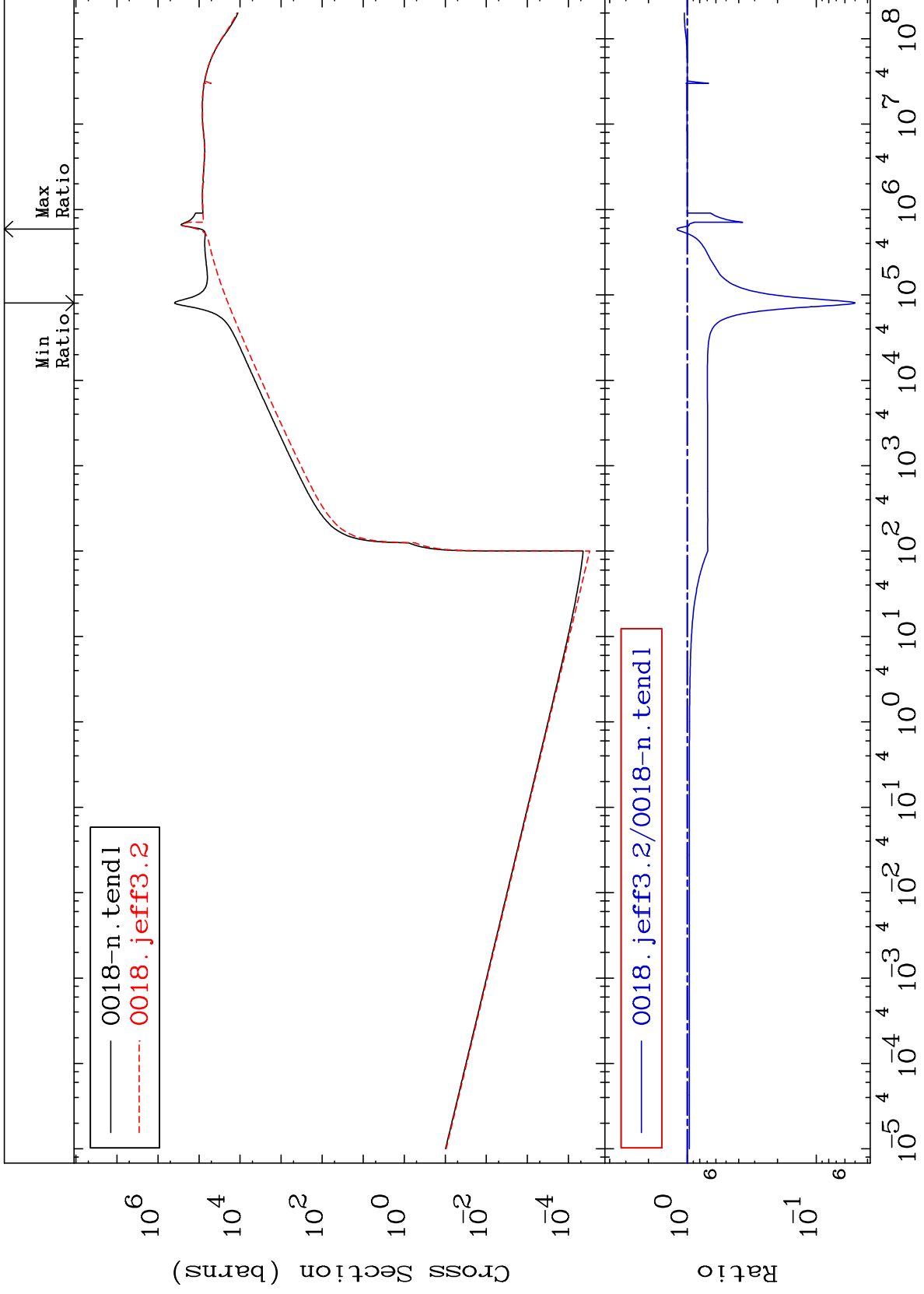
Incident Energy (eV)

8-0 -18

MAT 831

Dpa total (eV-barns)
Cross Section

8-0 -18
-95.00 To 20.34 %



72

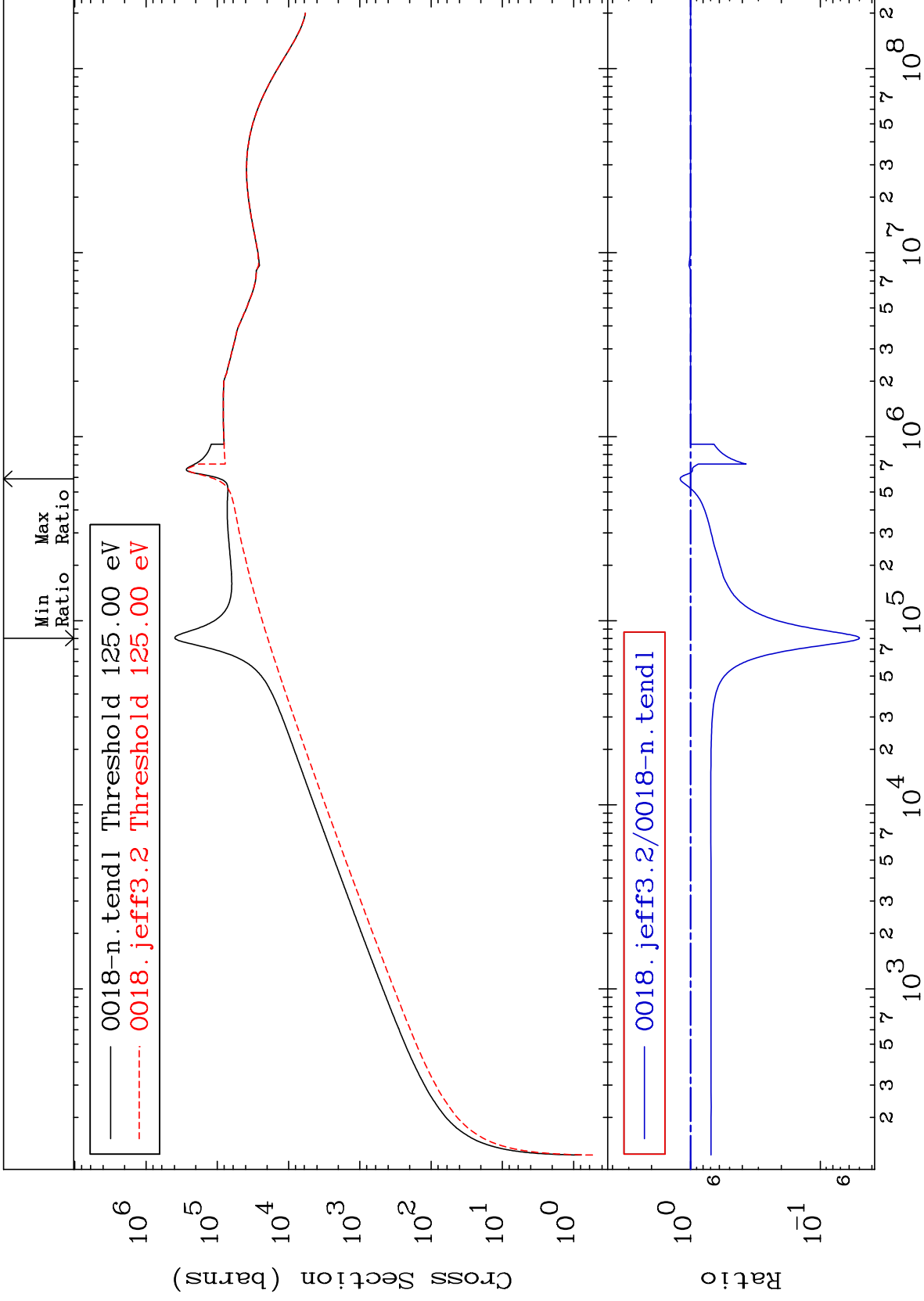
Incident Energy (eV)

8-0 -18

MAT 831

Dpa elastic (mt2)
Cross Section

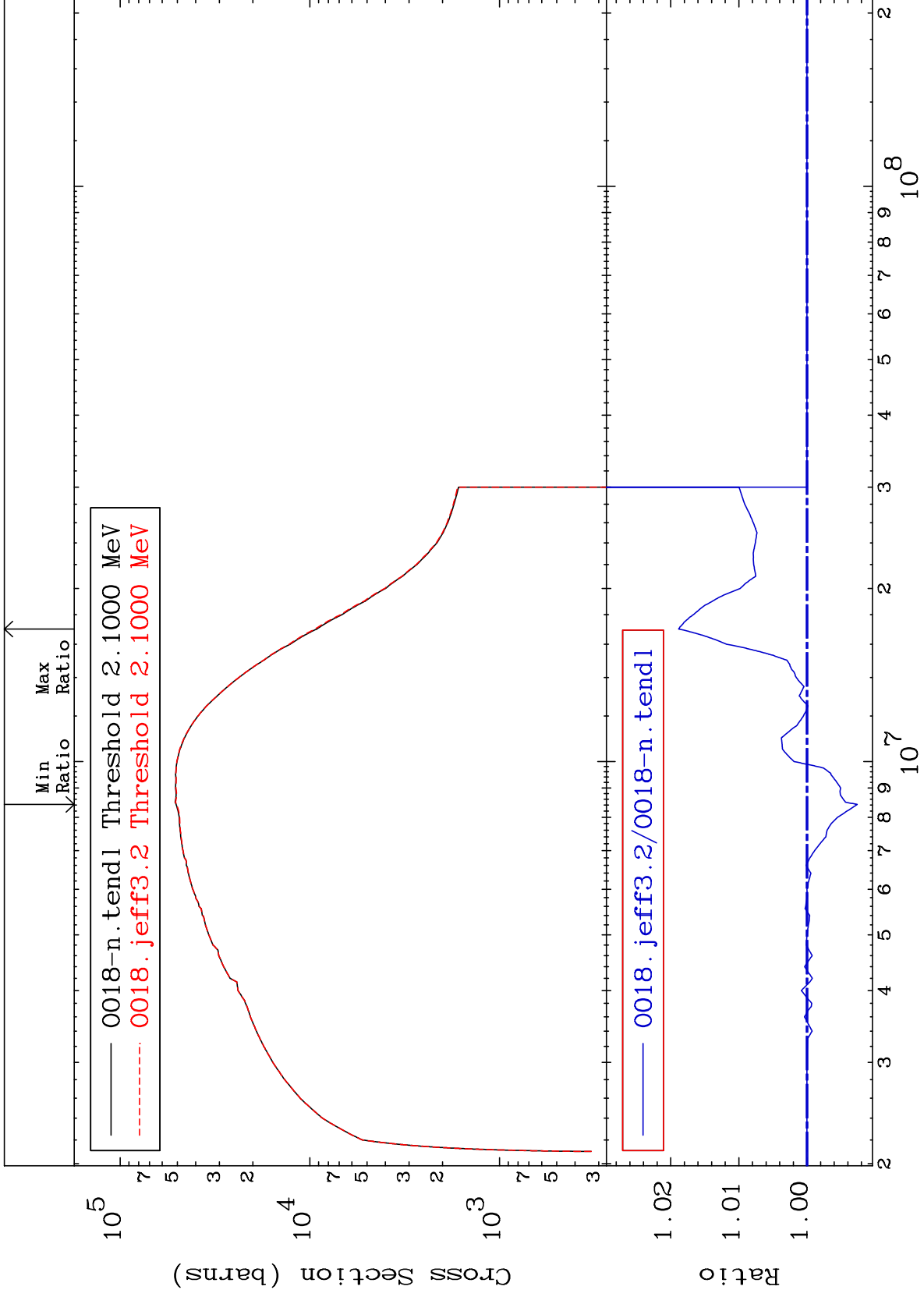
8-0 -18
-95.00 To 20.34 %



73

Incident Energy (eV)

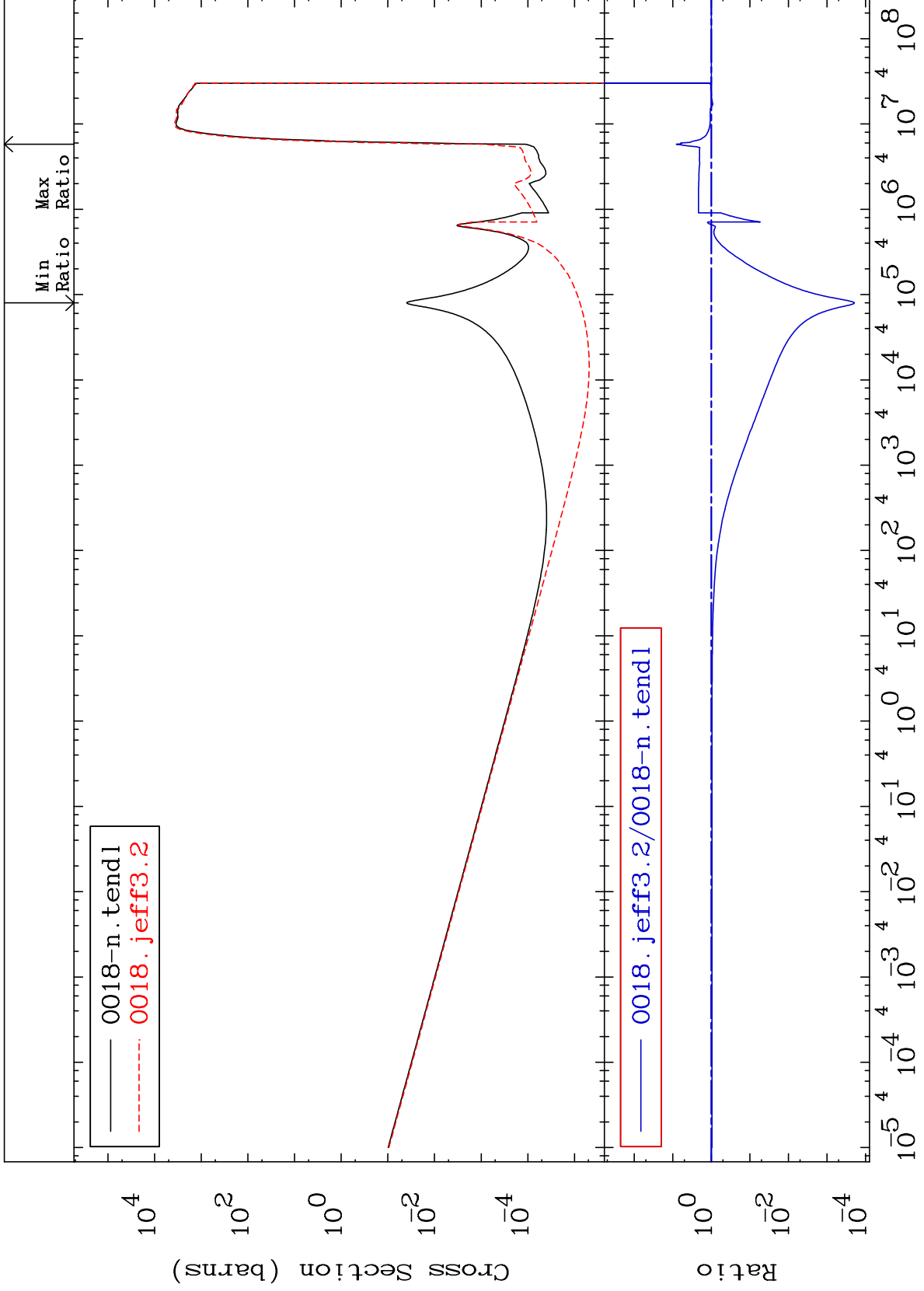
8-0 -18



MAT 831

Dpa disappearance (mt102 -120)
Cross Section

8-0 -18
-99.98 To 705.7 %



75

Incident Energy (eV)

8-0 -18