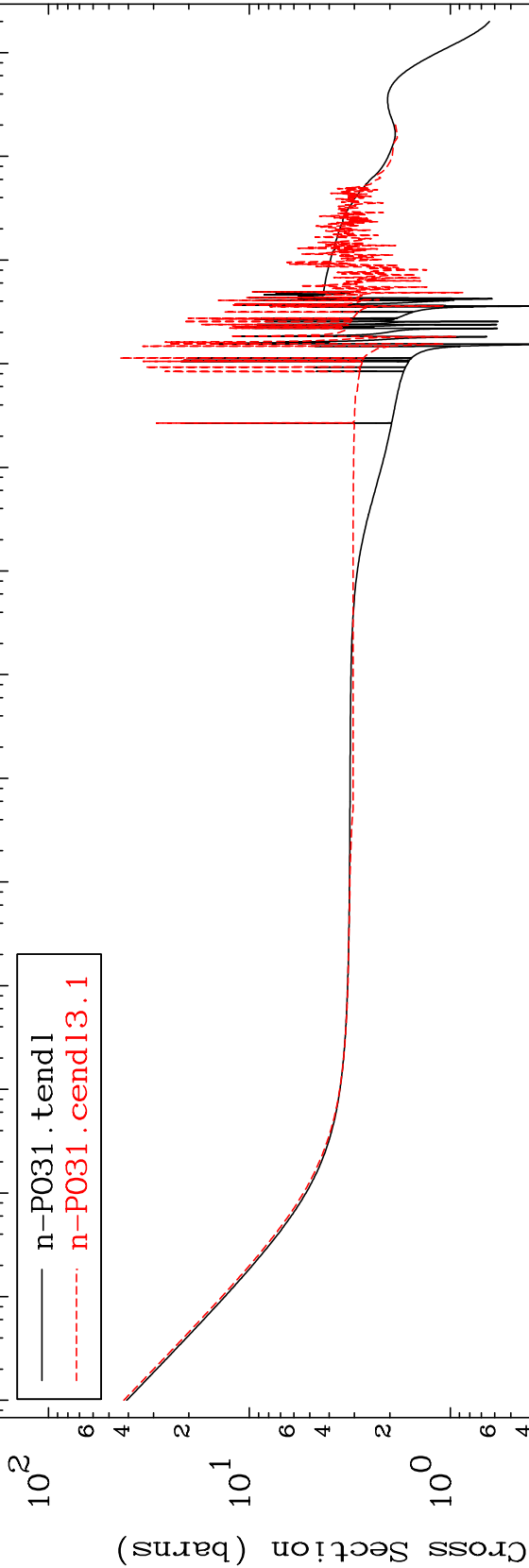


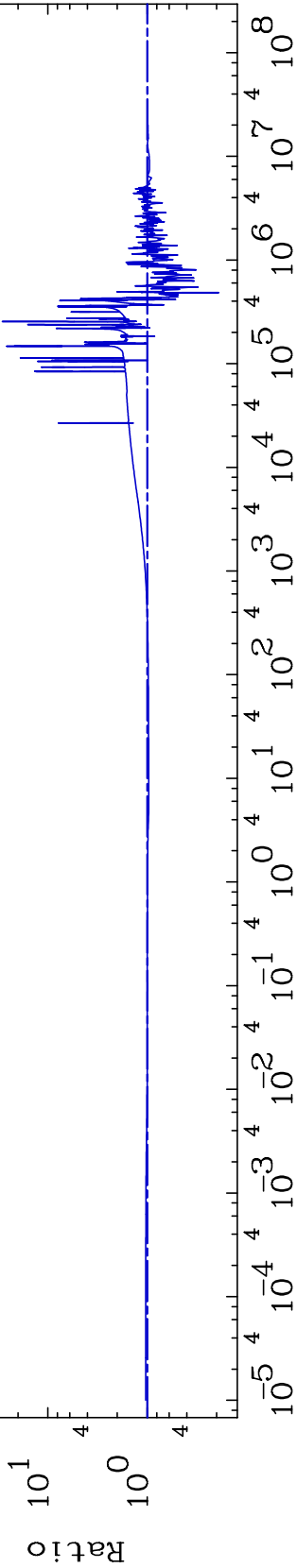
MAT 1525

Total
Cross Section

15-P -31
-80.98 To 2778. %



n-P031.cendl3.1/n-P031.tendl



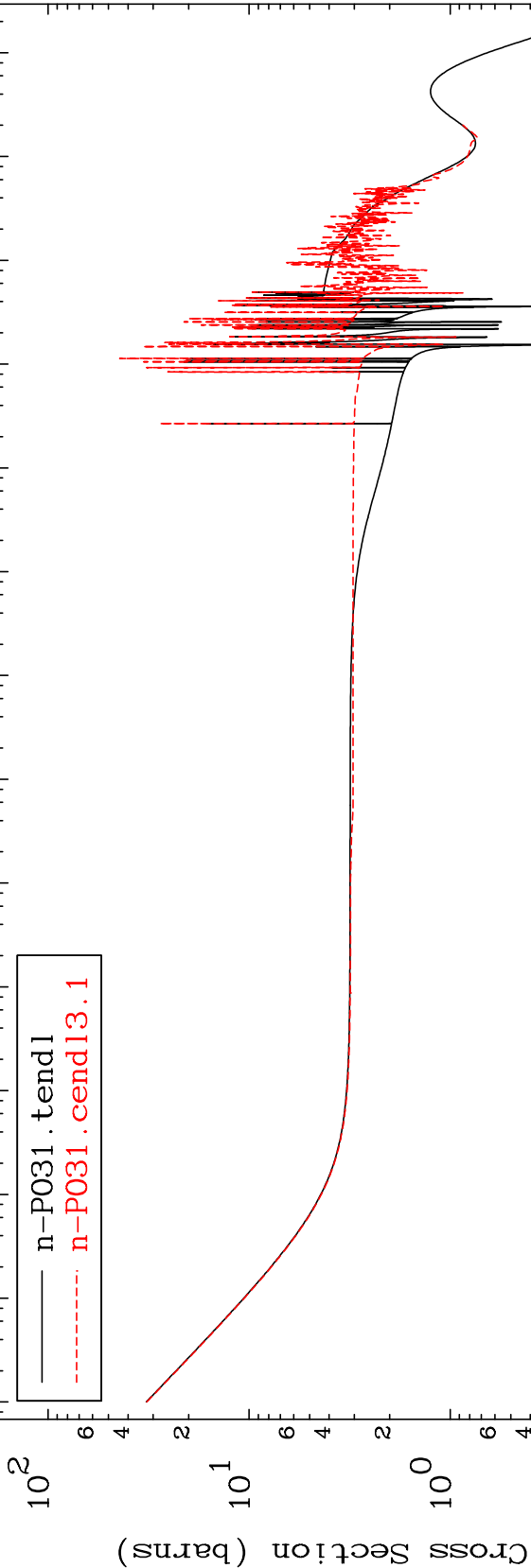
Incident Energy (eV)

15-P -31

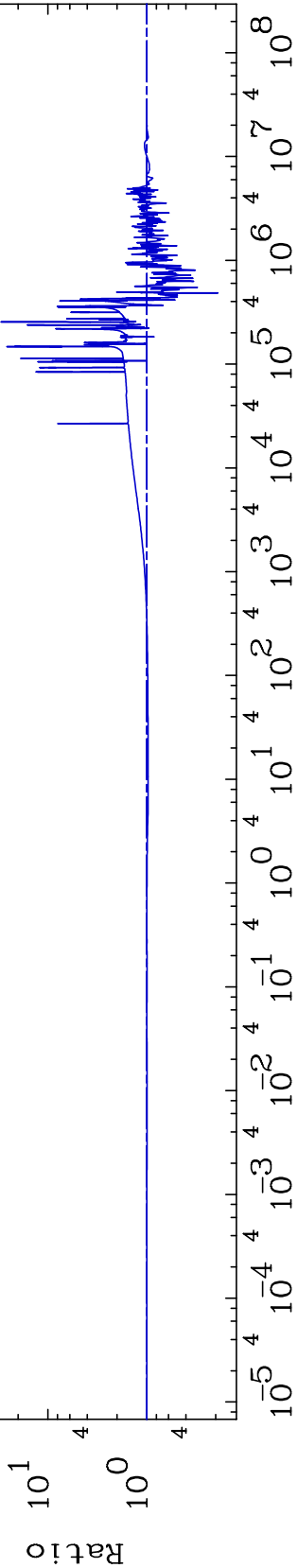
MAT 1525

Elastic
Cross Section

15-P -31
-81.01 To 2867. %



n-P031.cendl3.1/n-P031.tendl



Incident Energy (eV)

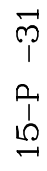
15-P -31

15-P -31

15-P -31

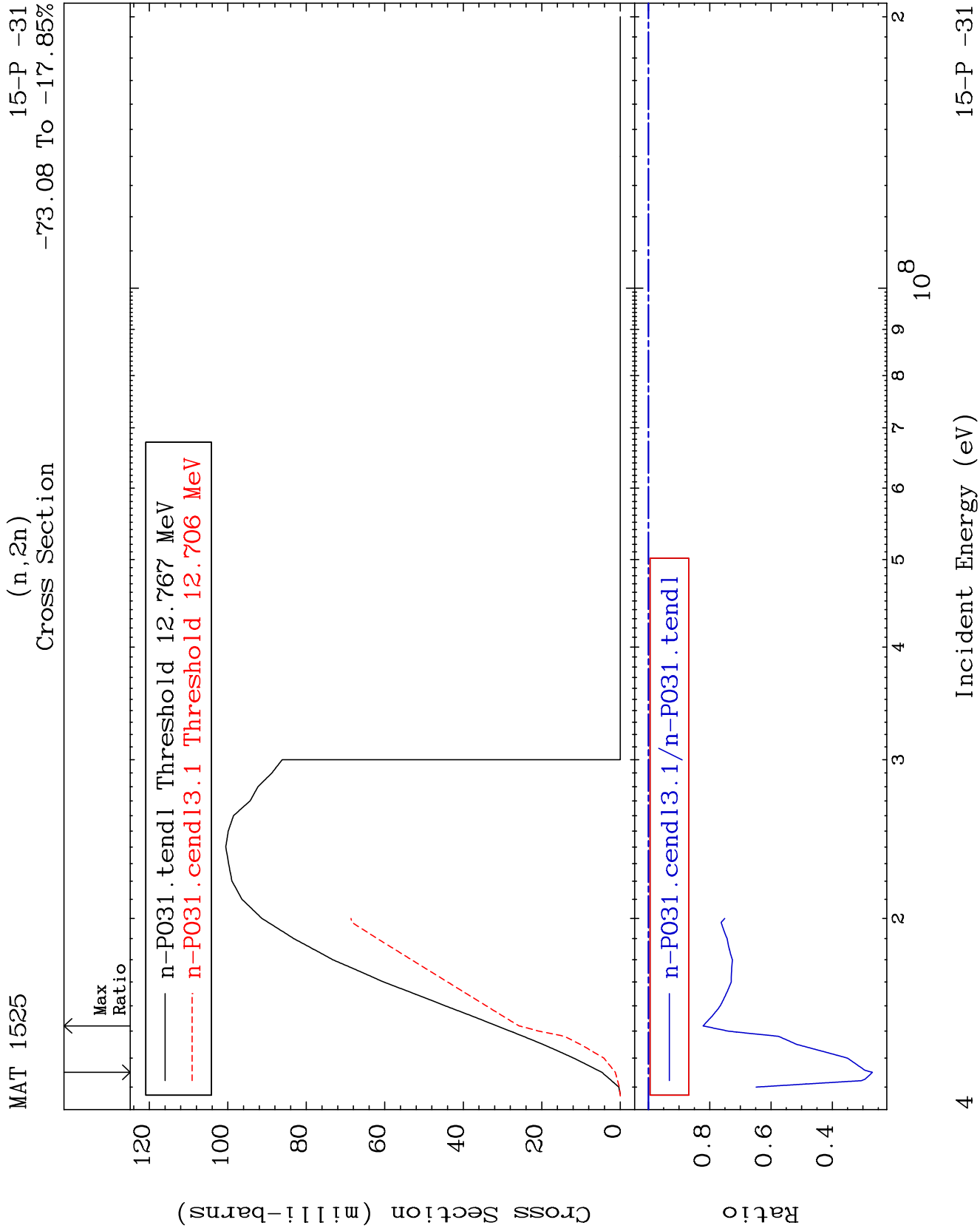
15-P -31

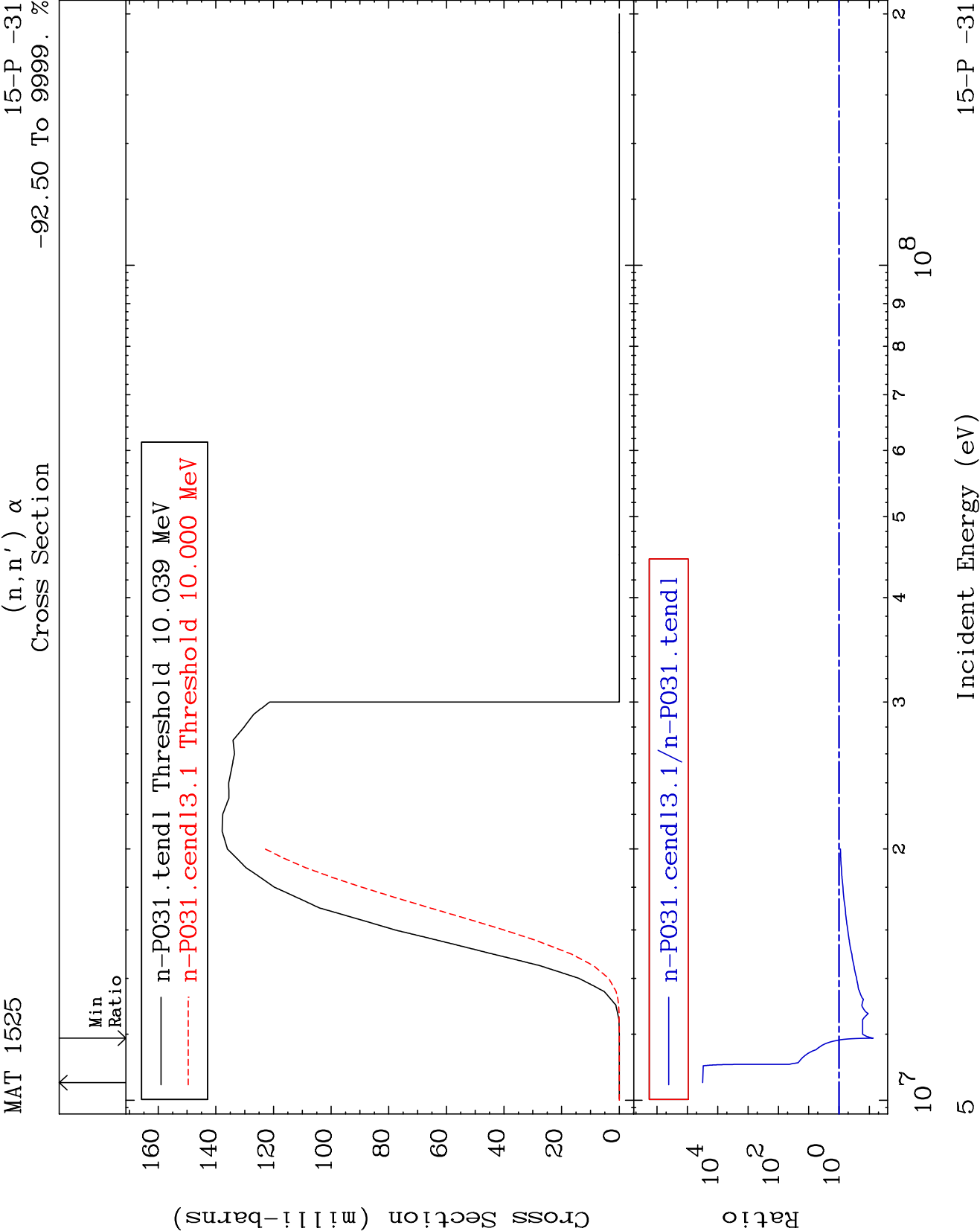
-39.62 To 210.9 %

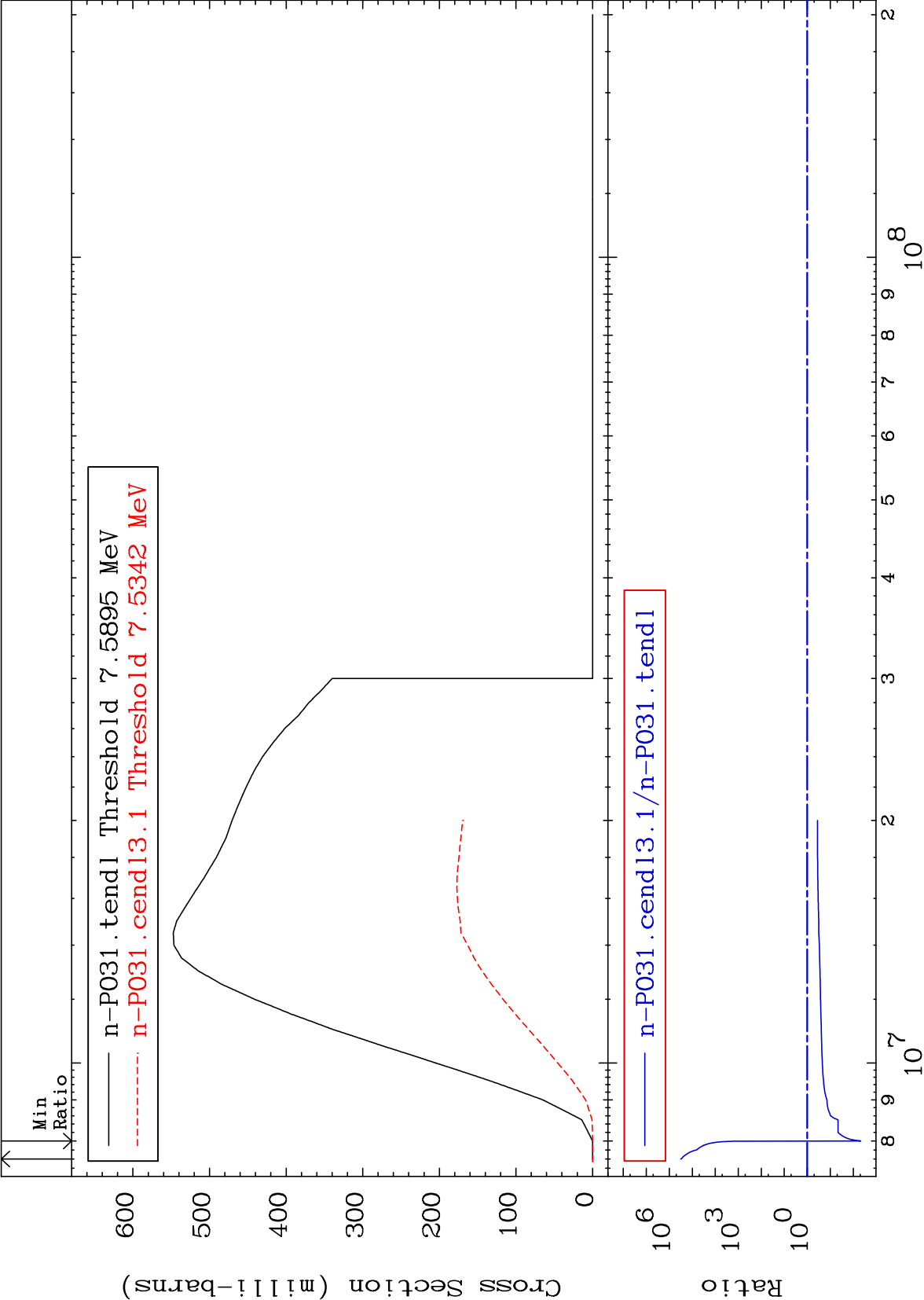


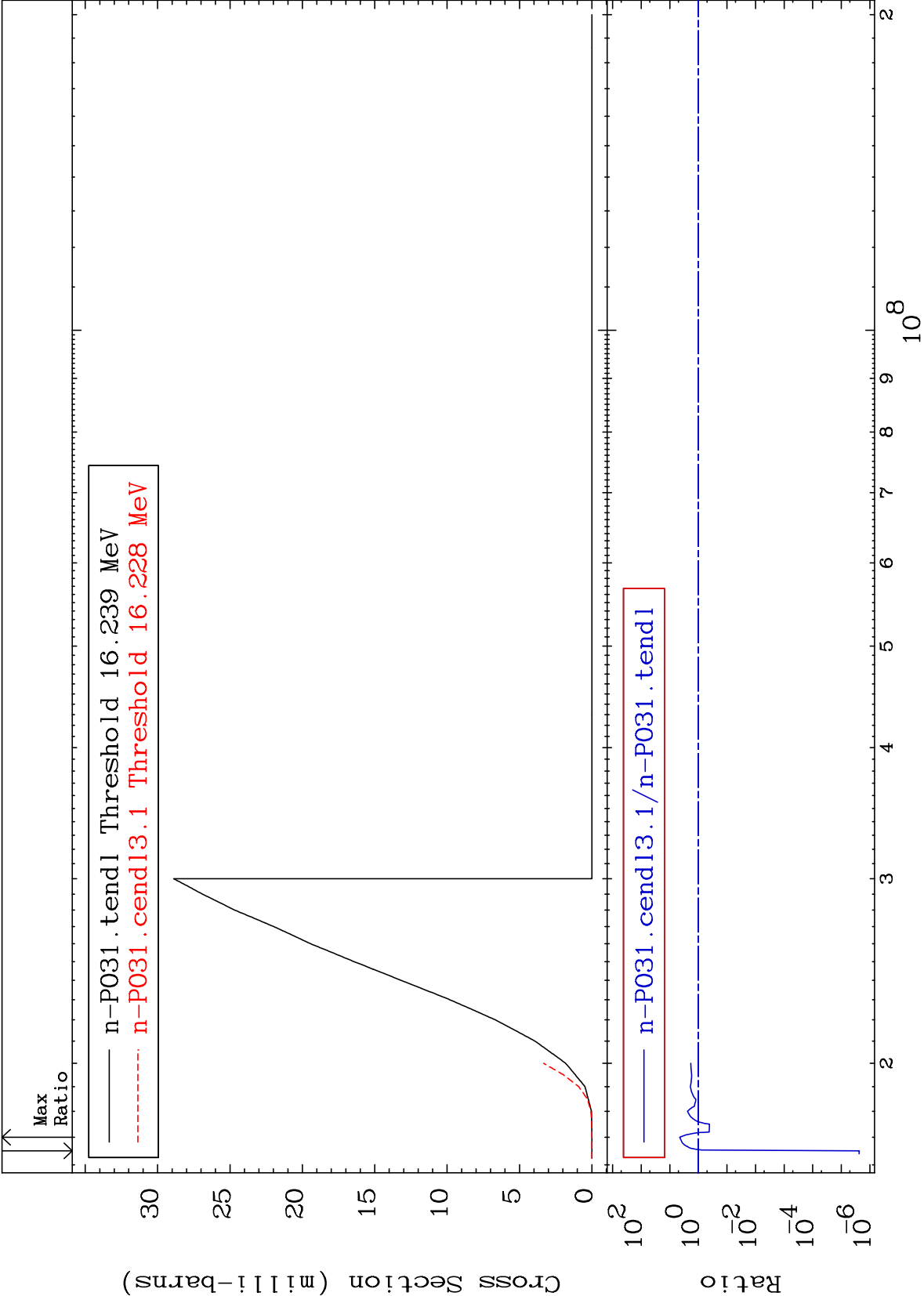
Incident Energy (eV)

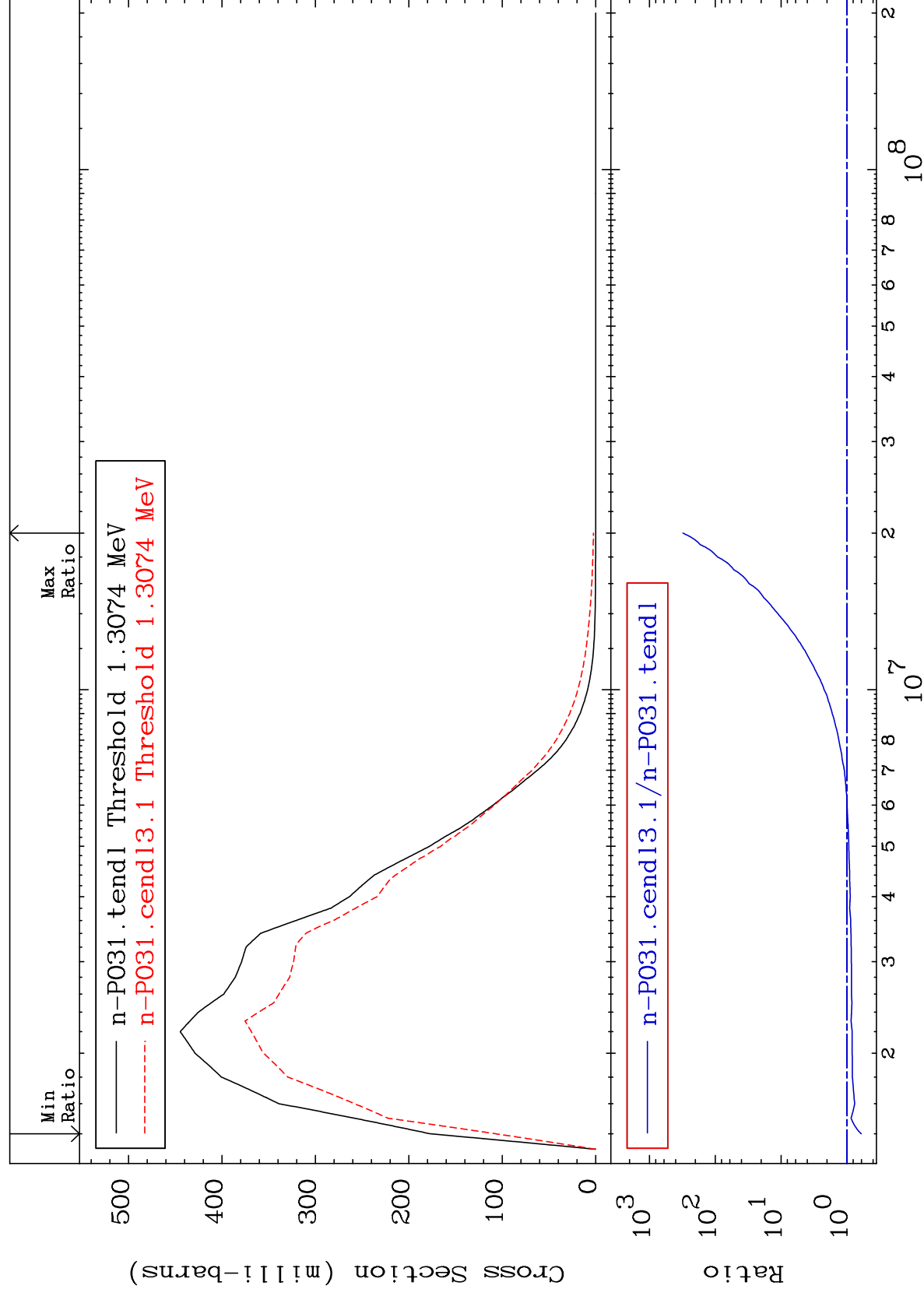
15-P -31

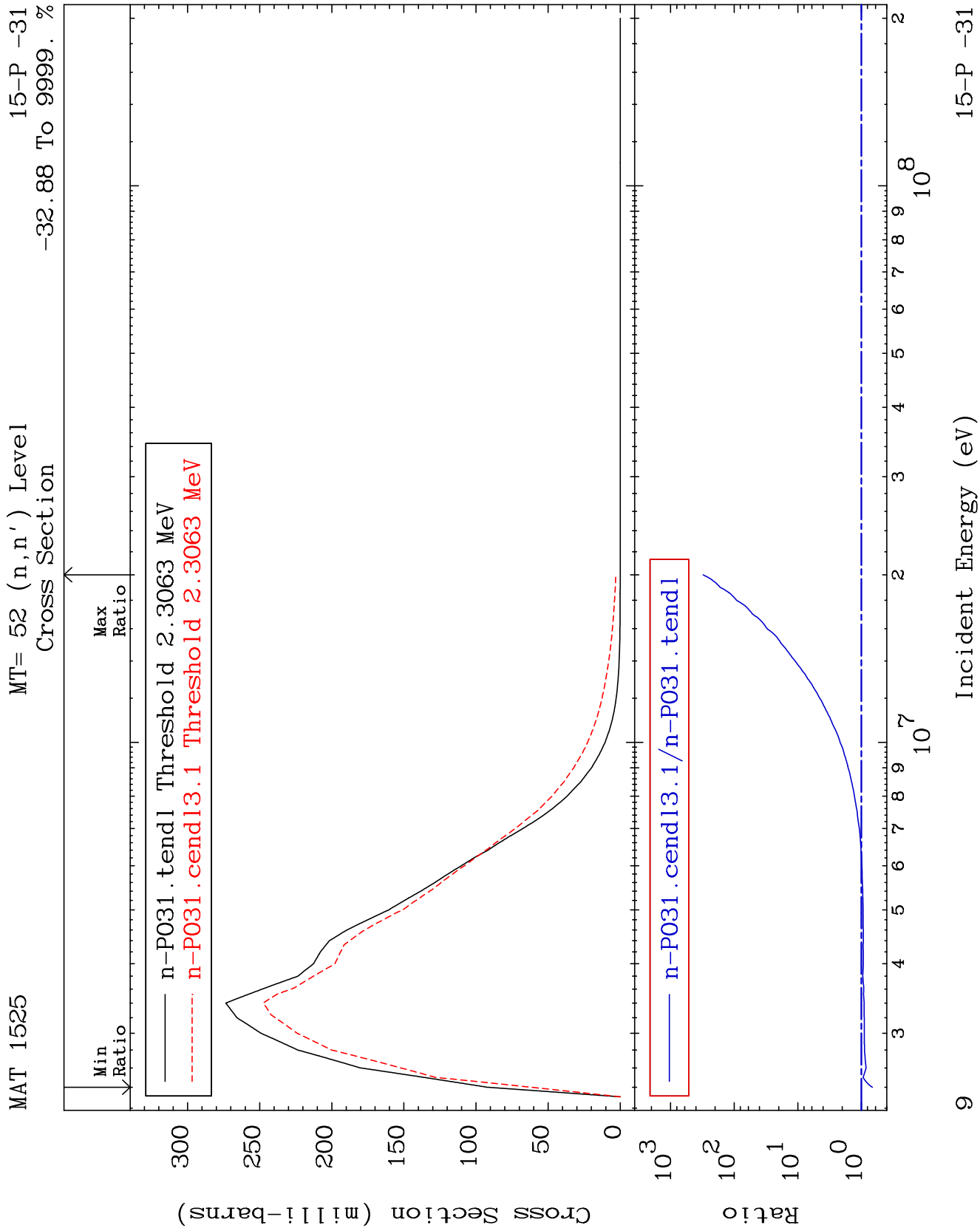












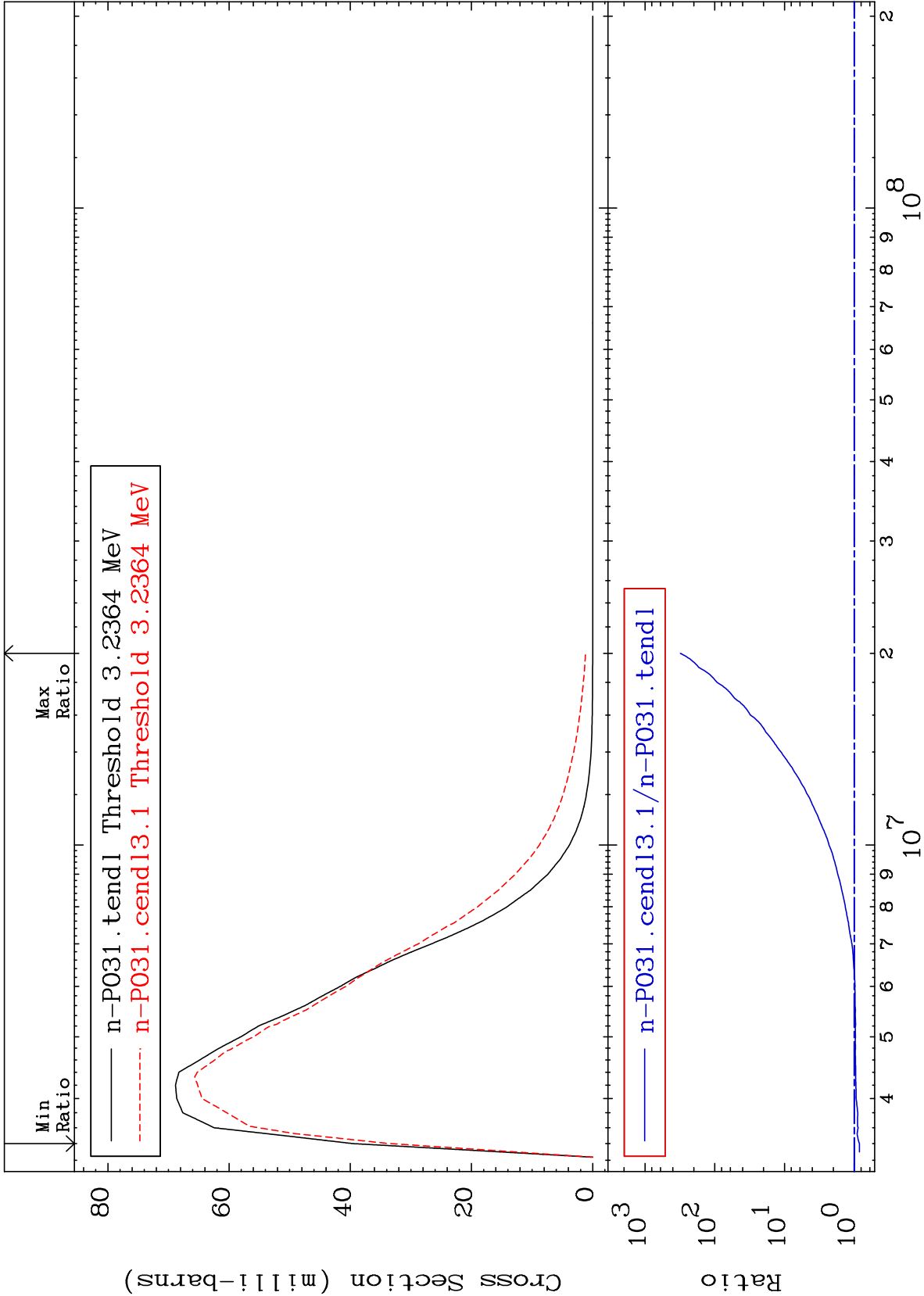
MAT 1525

MT= 53 (n,n') Level

15-P -31

-15.63 To 9999. %

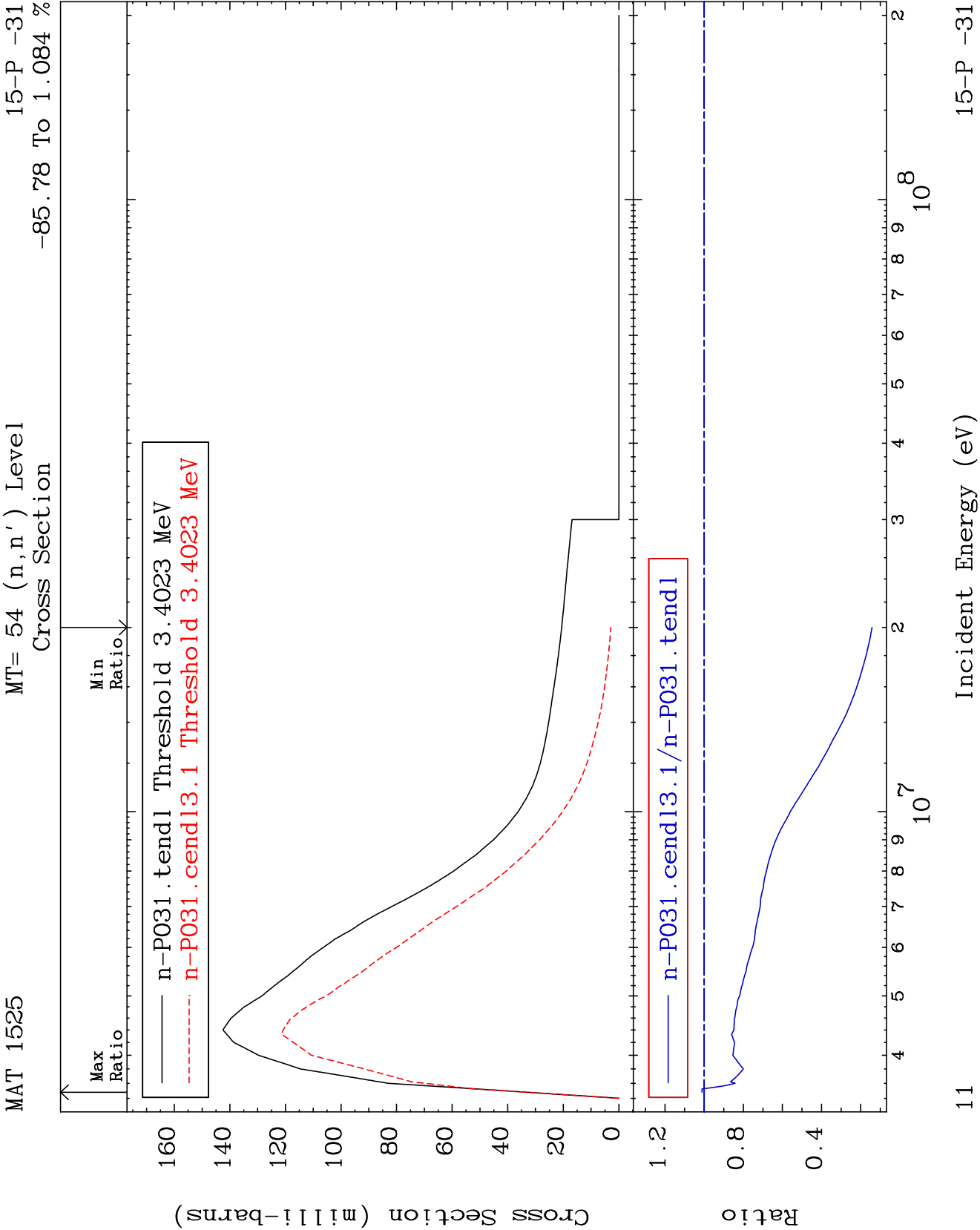
Cross Section



10

Incident Energy (eV)

15-P -31



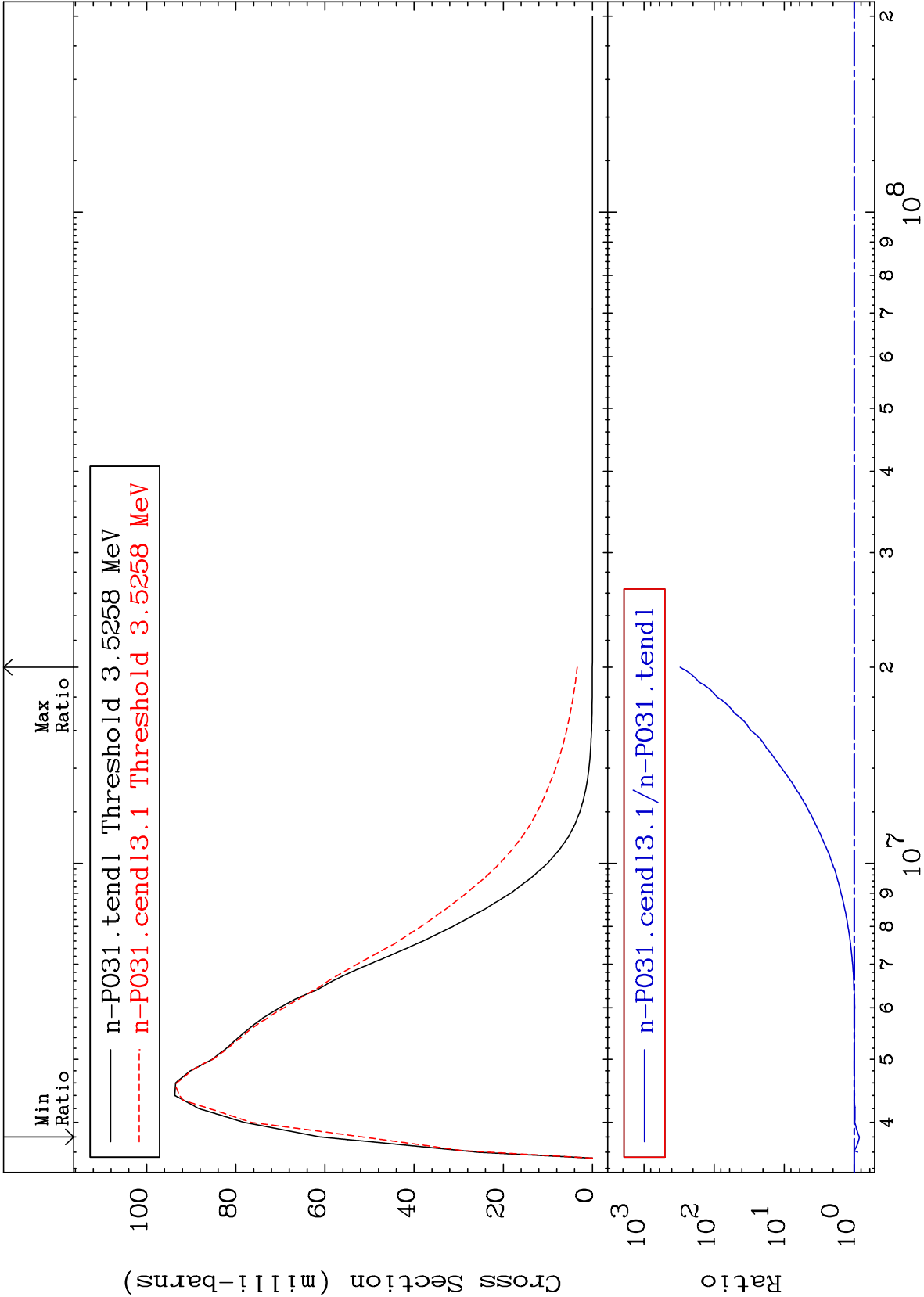
MAT 1525

MT= 55 (n,n') Level

15-P -31

-15.57 To 9999. %

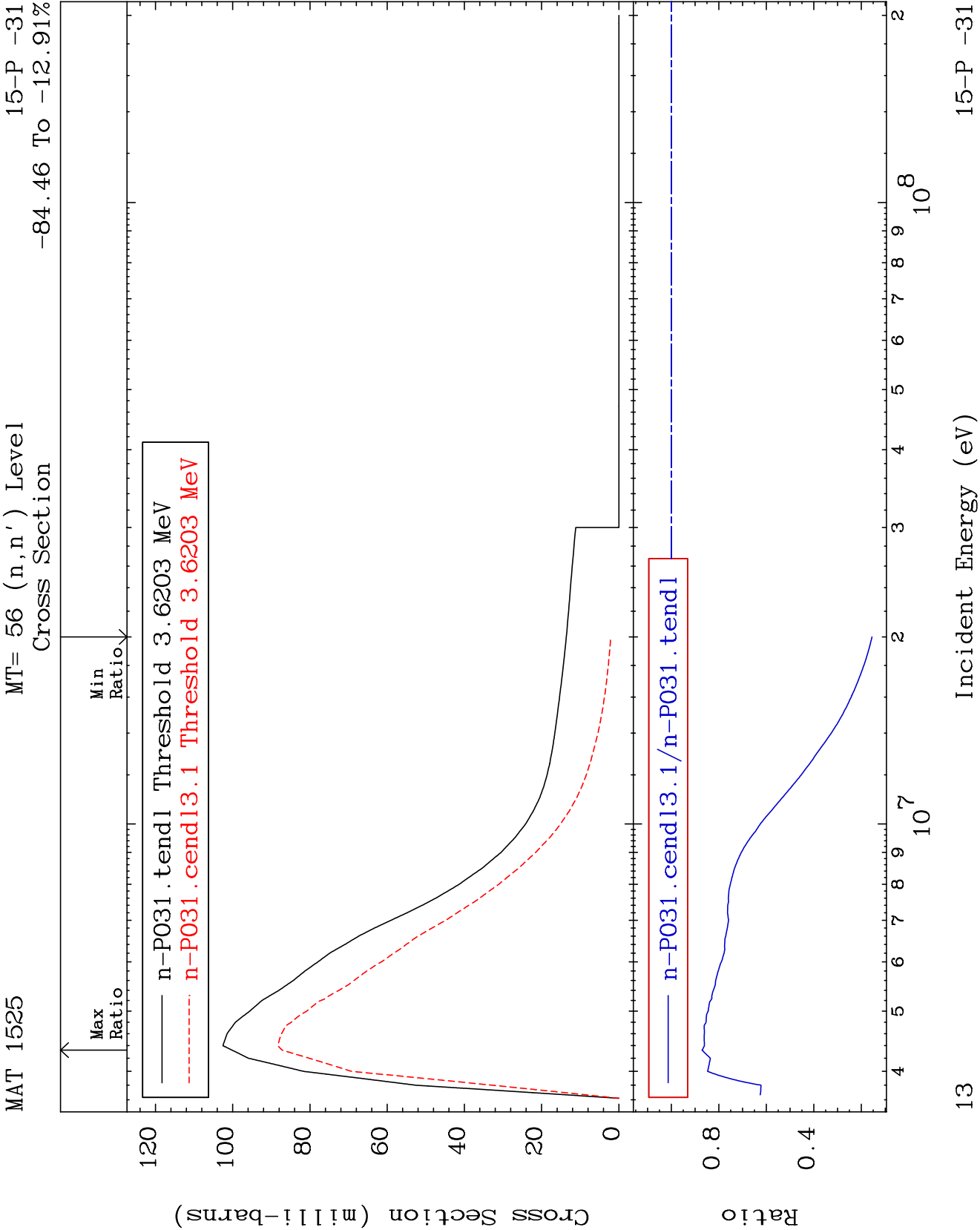
Cross Section



12

Incident Energy (eV)

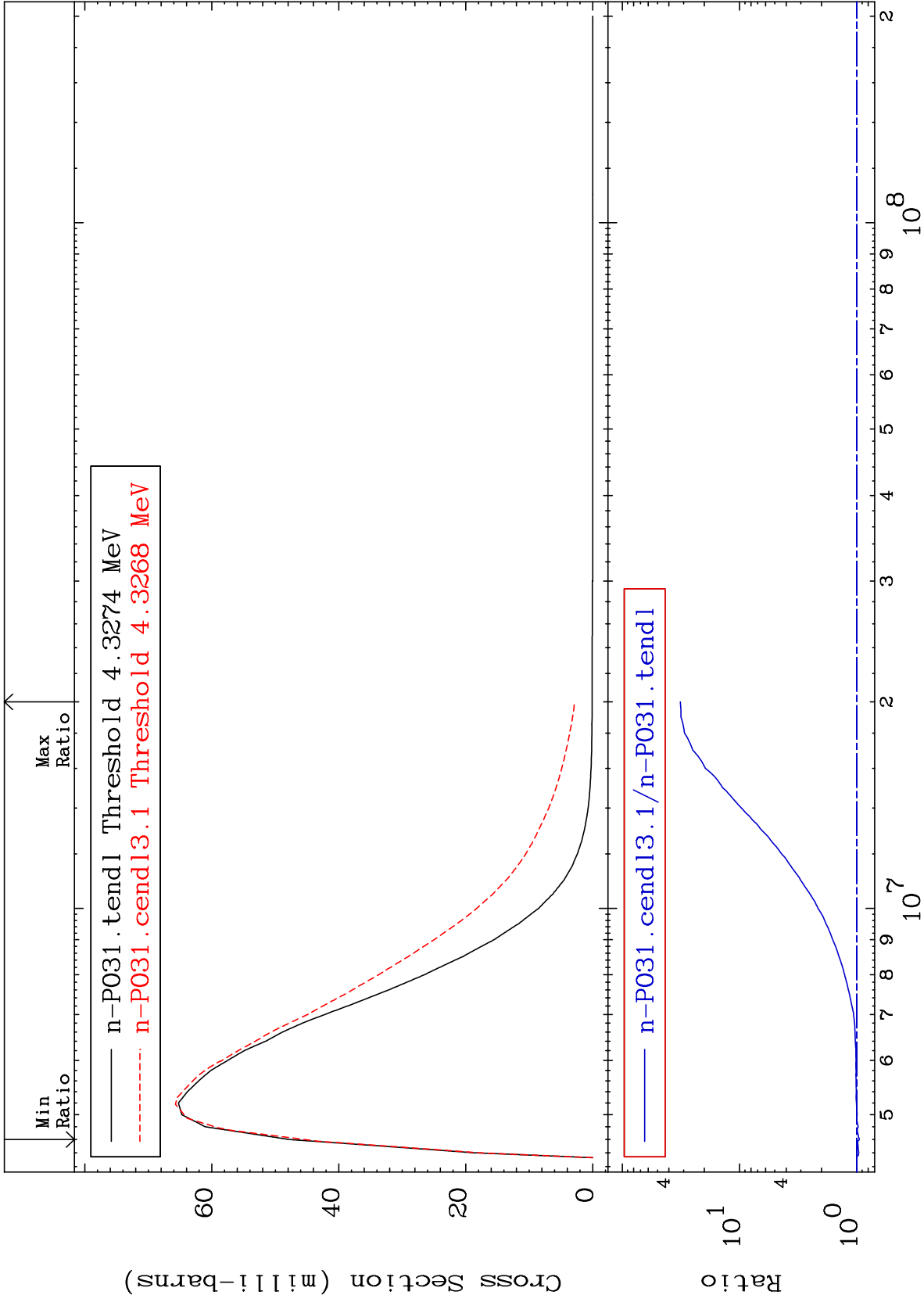
15-P -31



MAT 1525

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

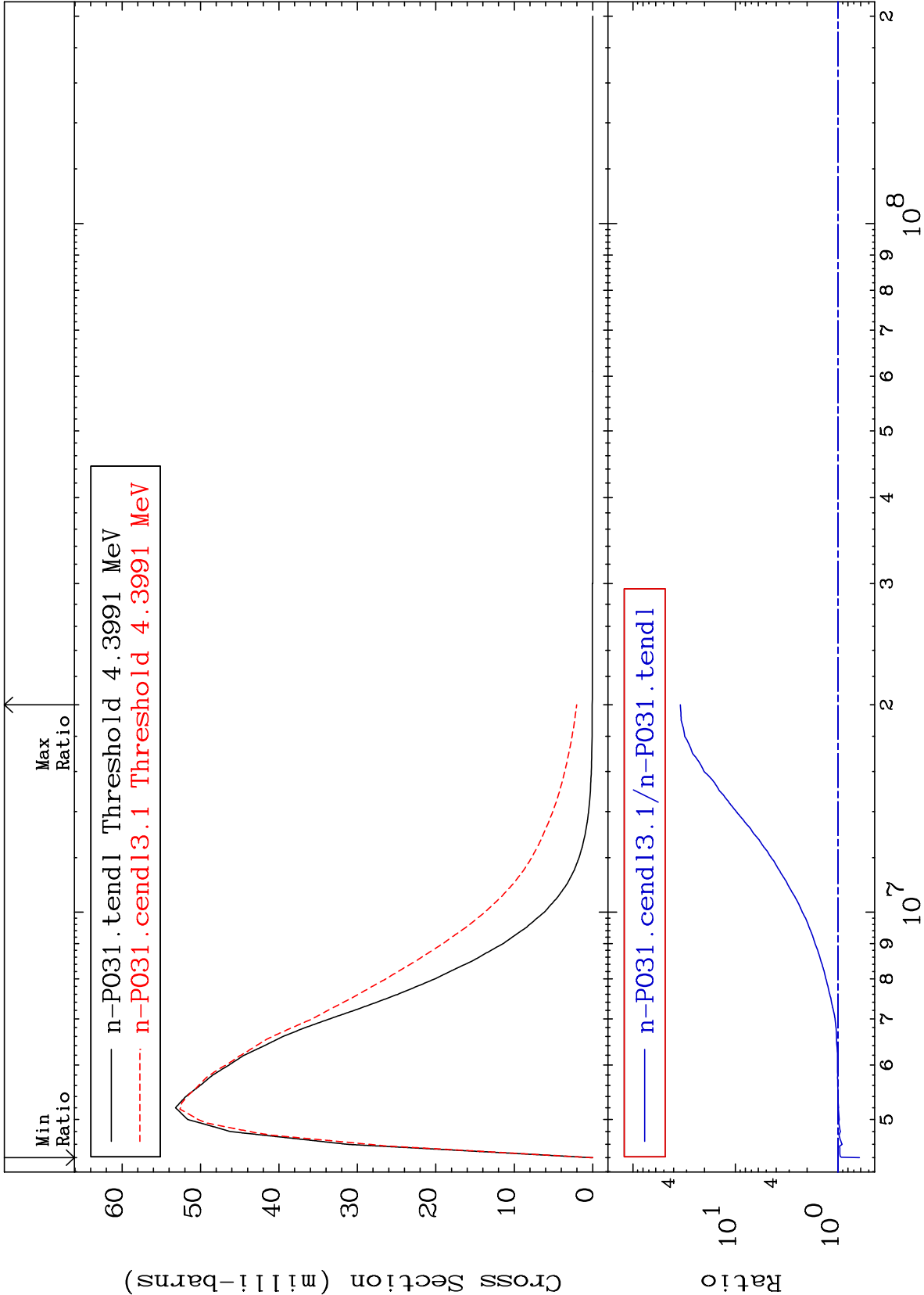
15-P -31
-5.002 To 3096. %

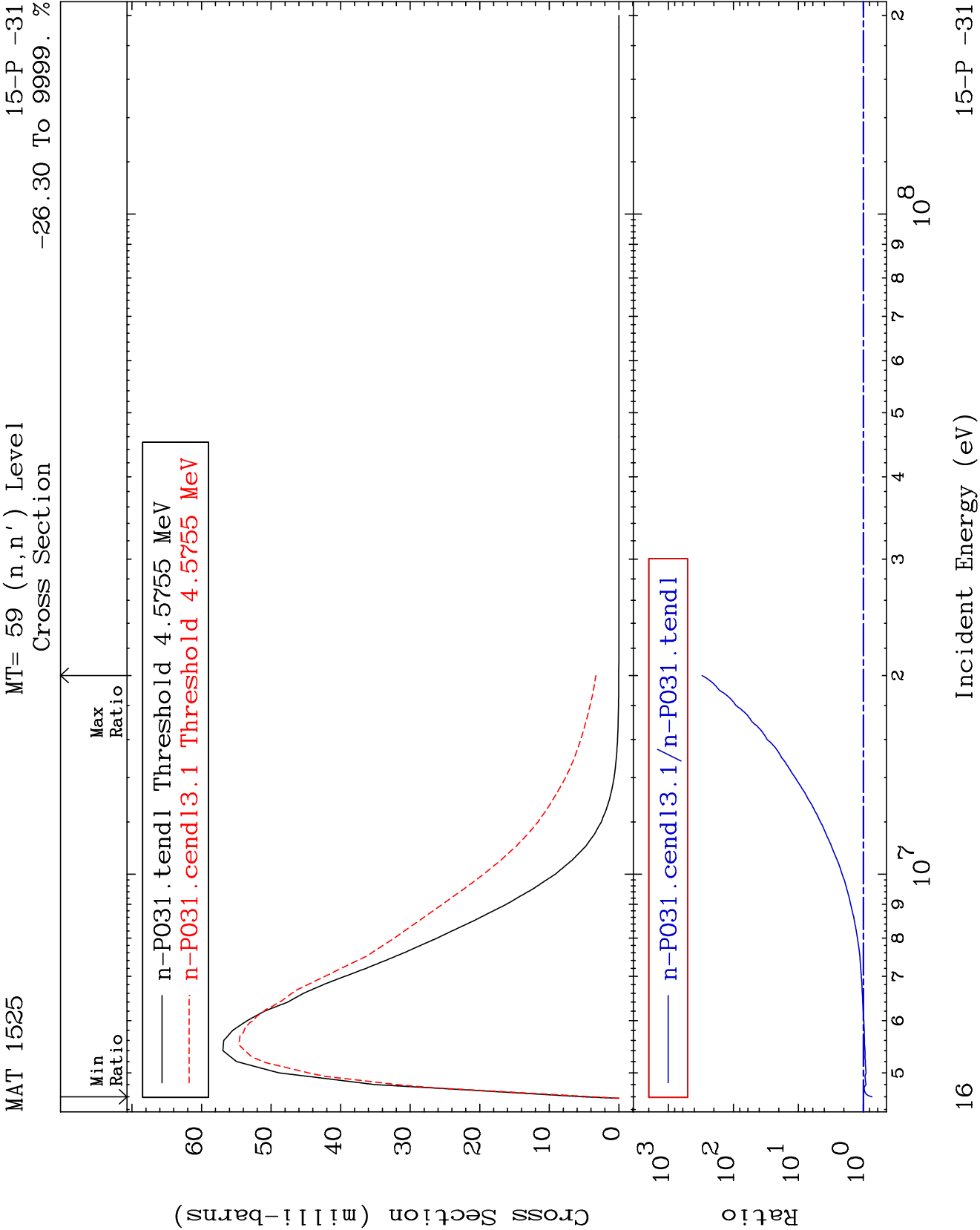


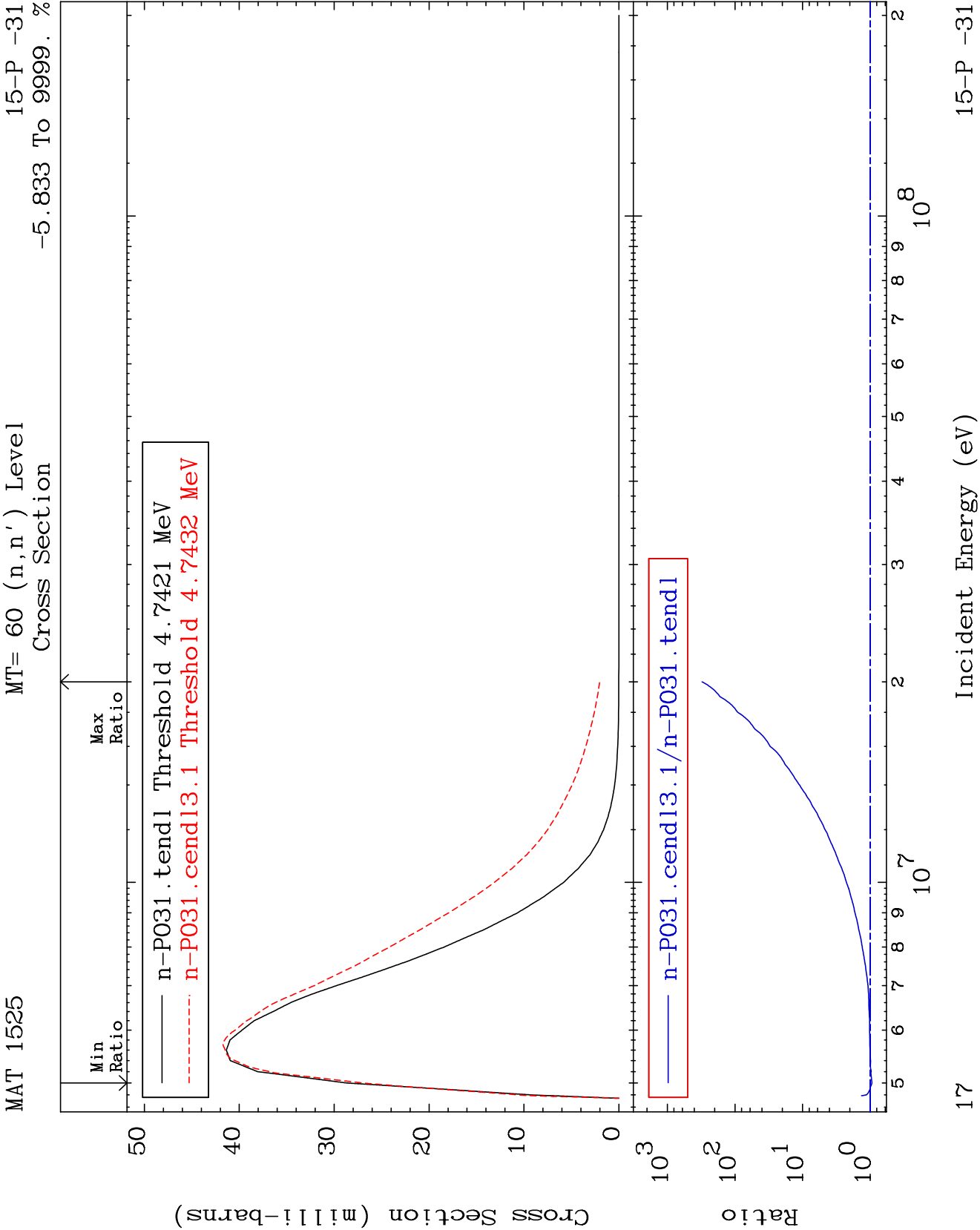
MAT 1525

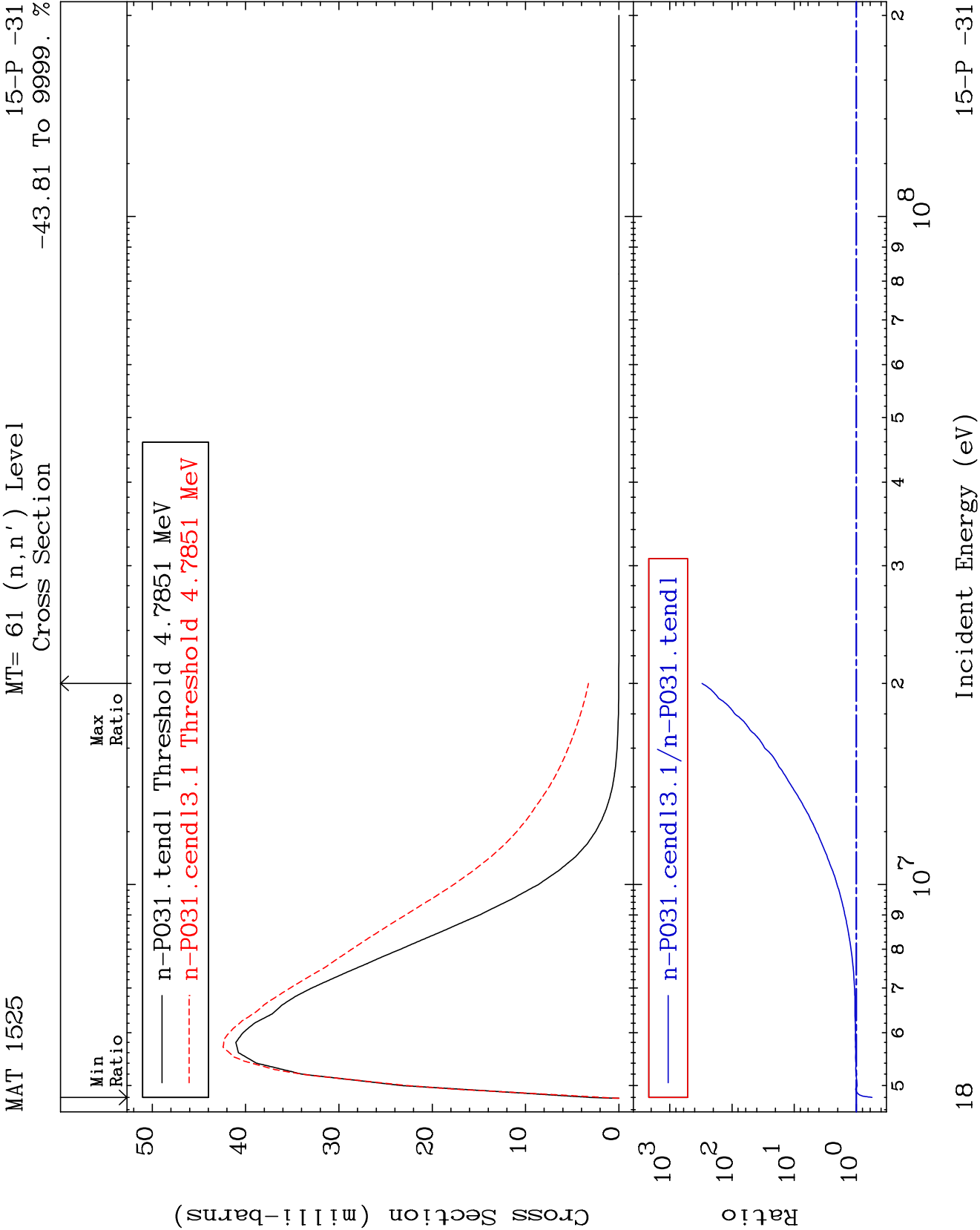
MT= 58 (n,n') Level
Cross Section

15-P -31
-38.26 To 3348. %





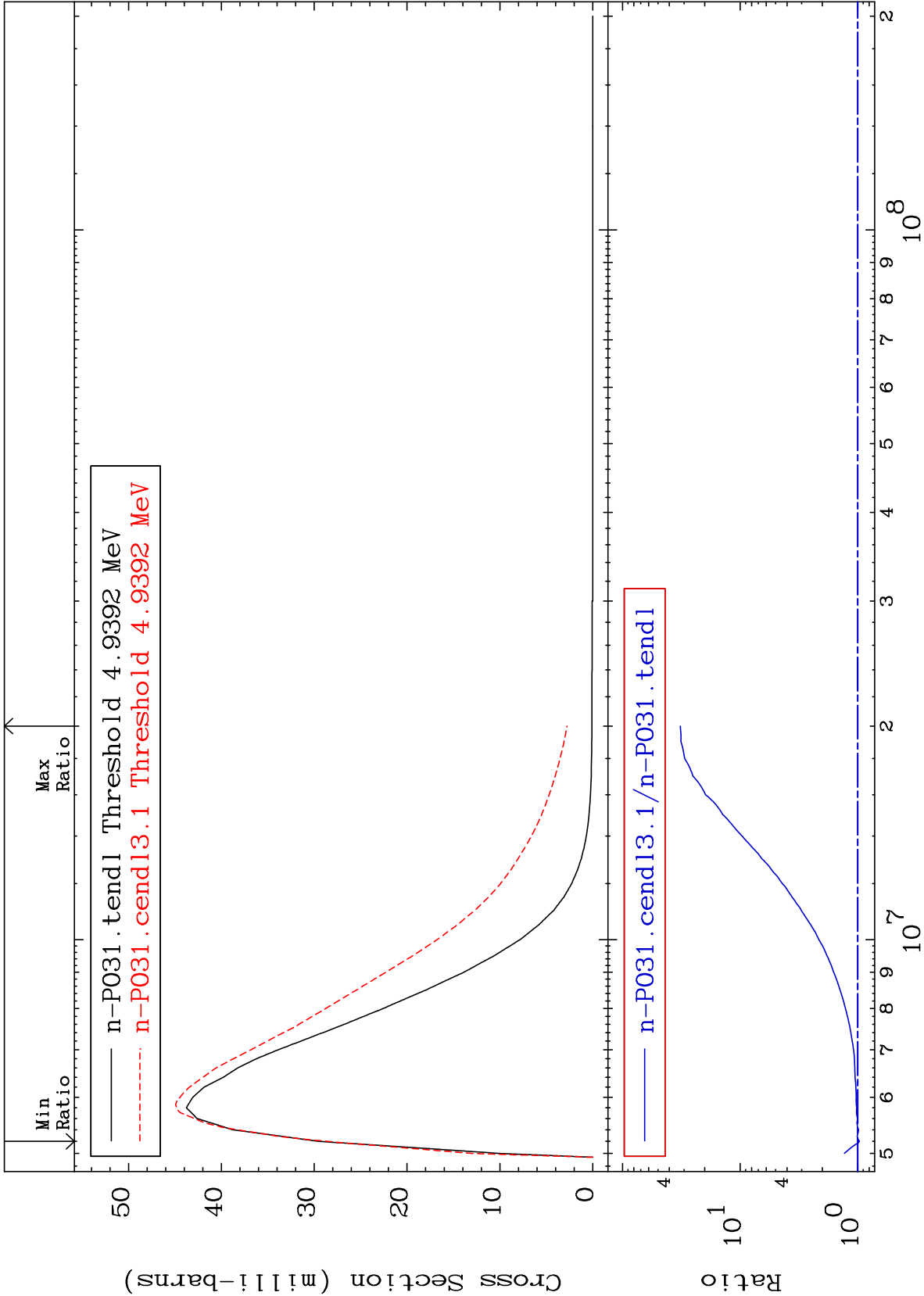




MAT 1525

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

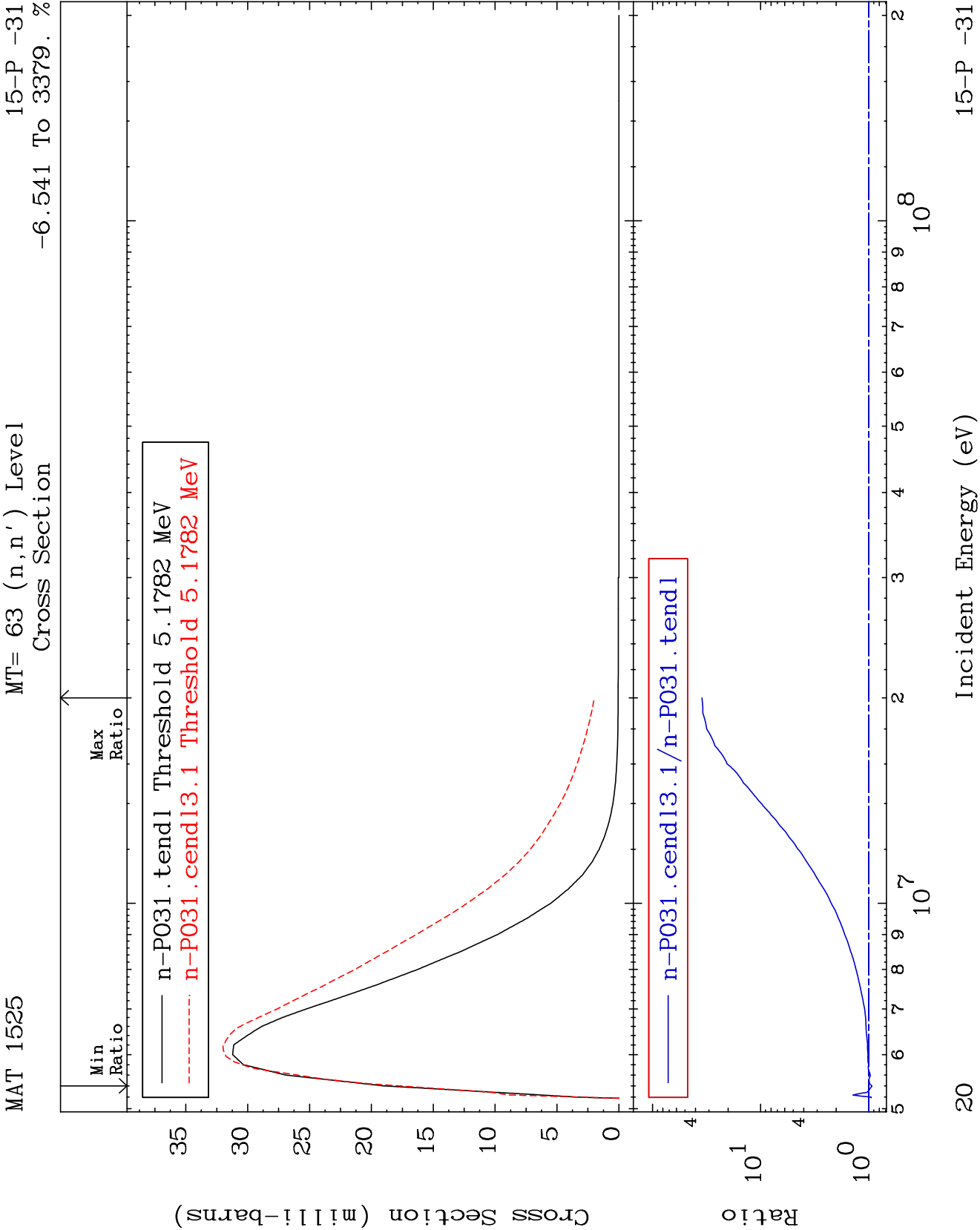
15-P -31
-3.135 To 3123. %

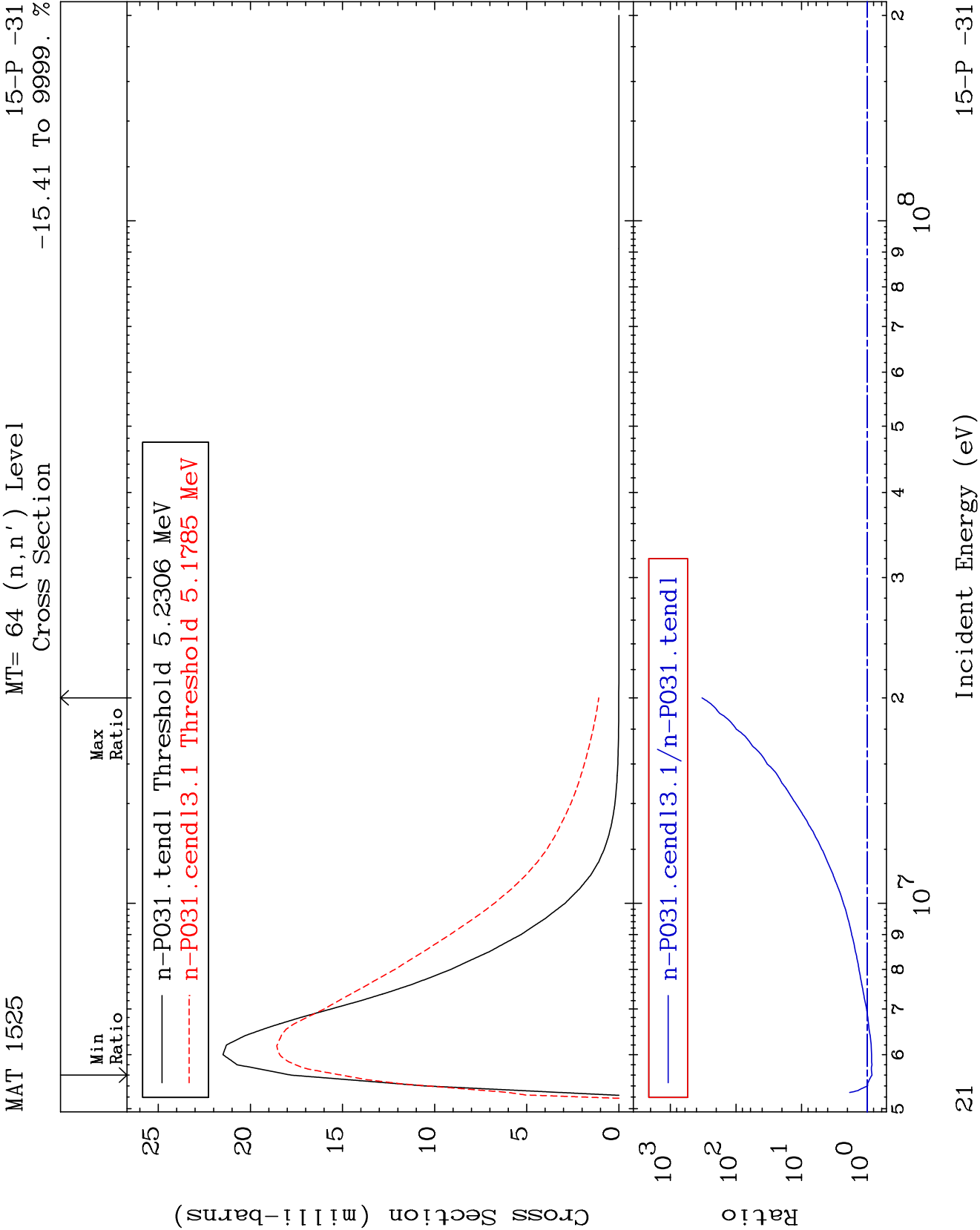


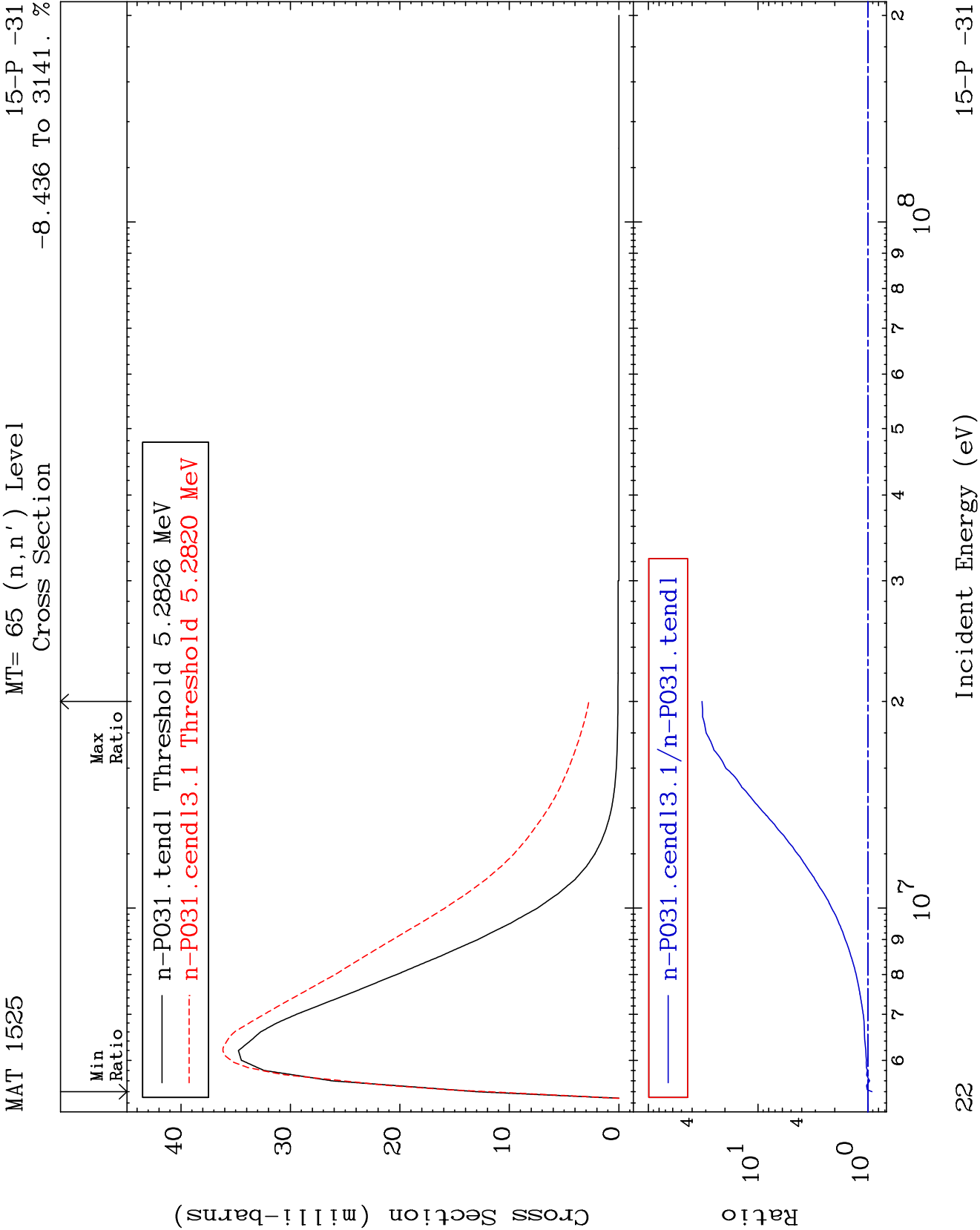
19

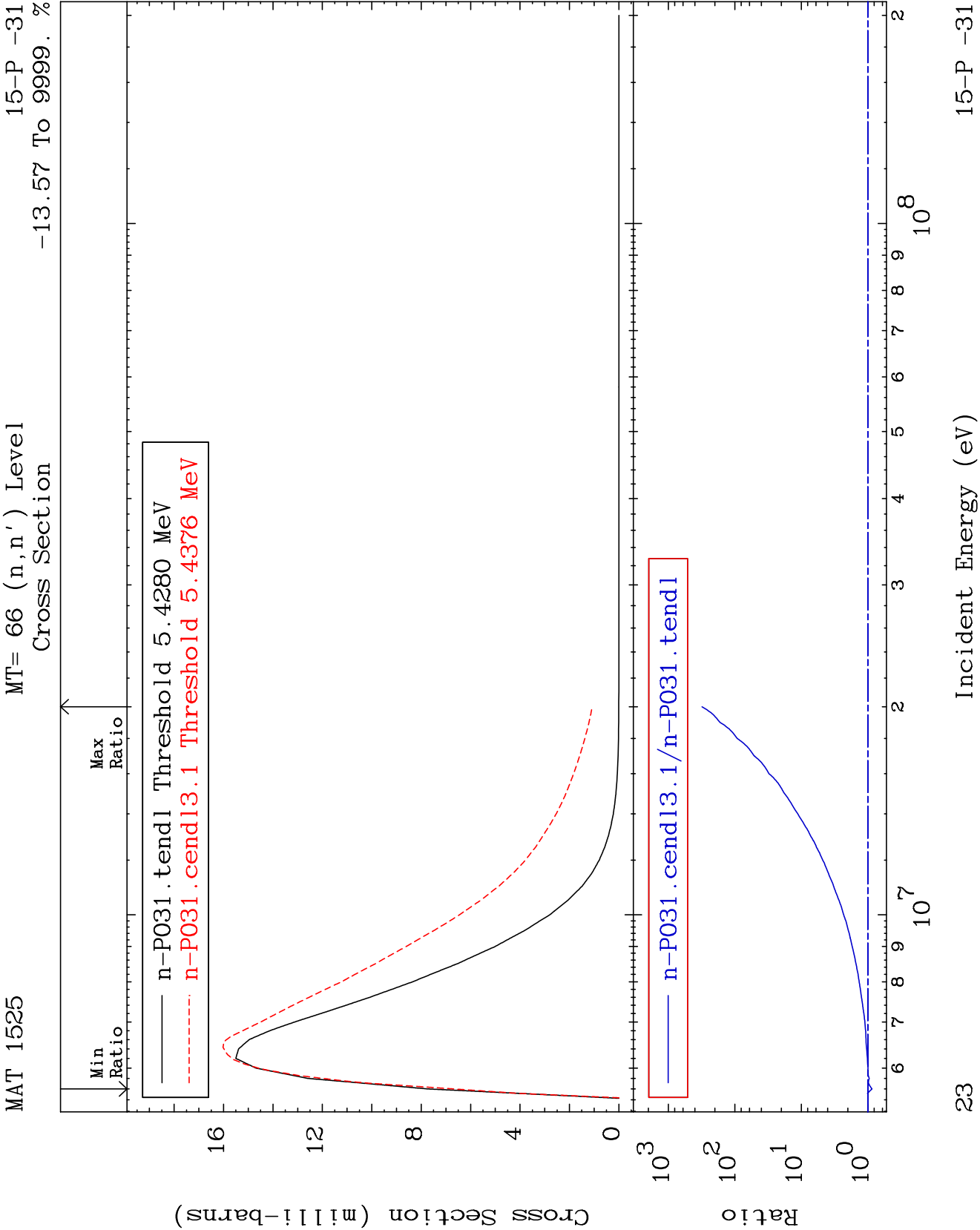
Incident Energy (eV)

15-P -31





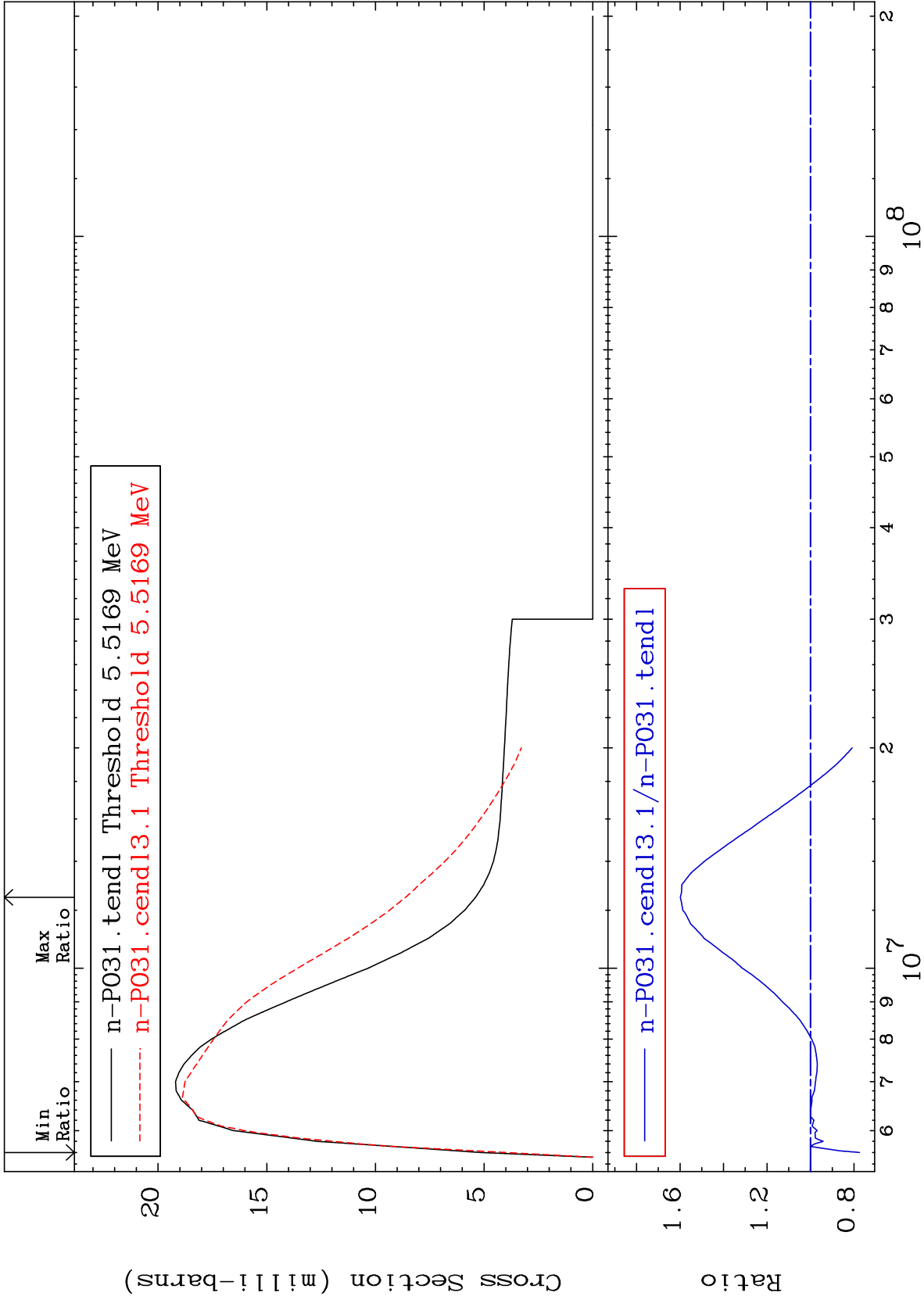




MAT 1525

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

15-P -31
-22.50 To 59.84 %



24

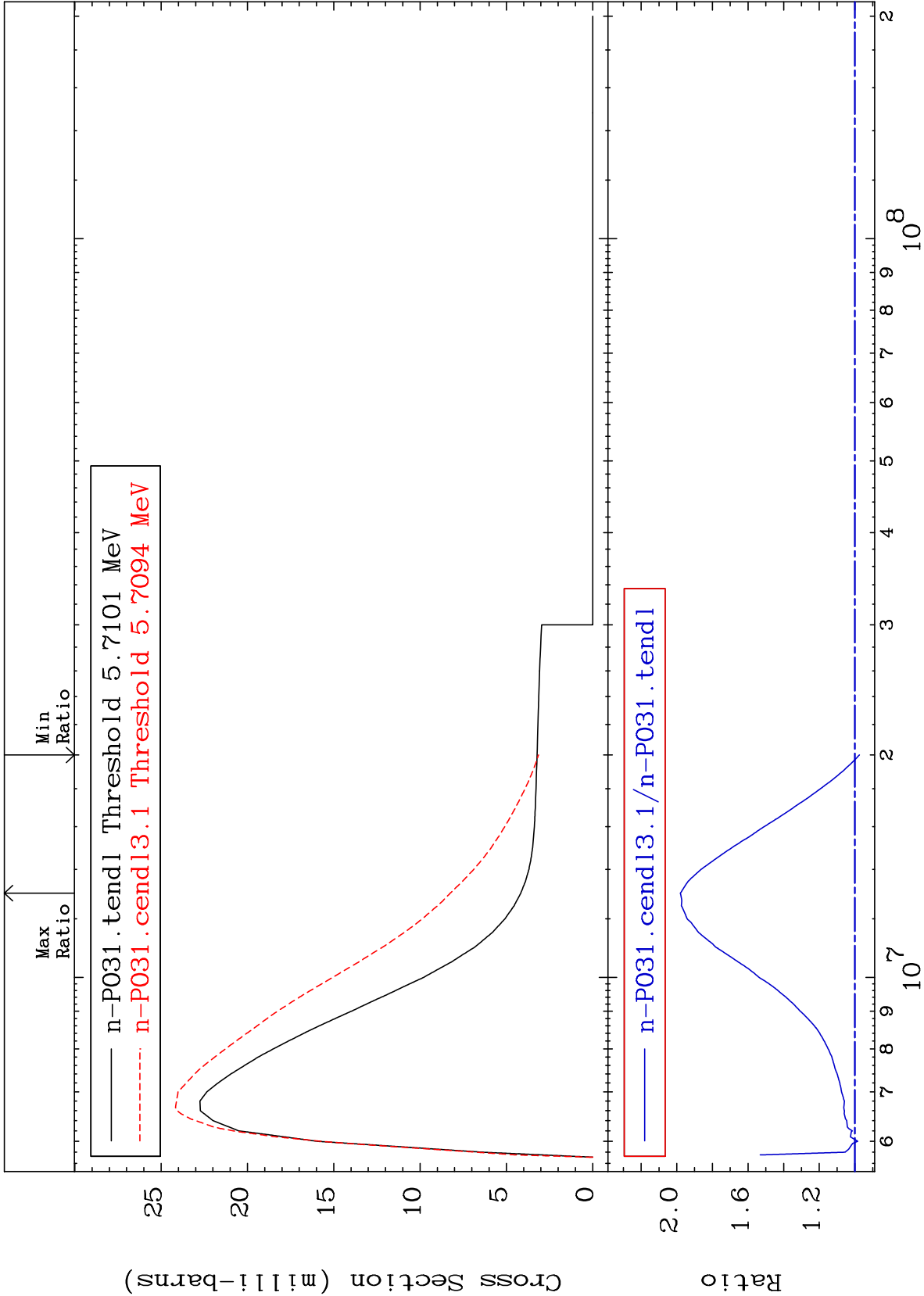
Incident Energy (eV)

15-P -31

MAT 1525

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

15-P -31
-2.539 To 97.99 %



25

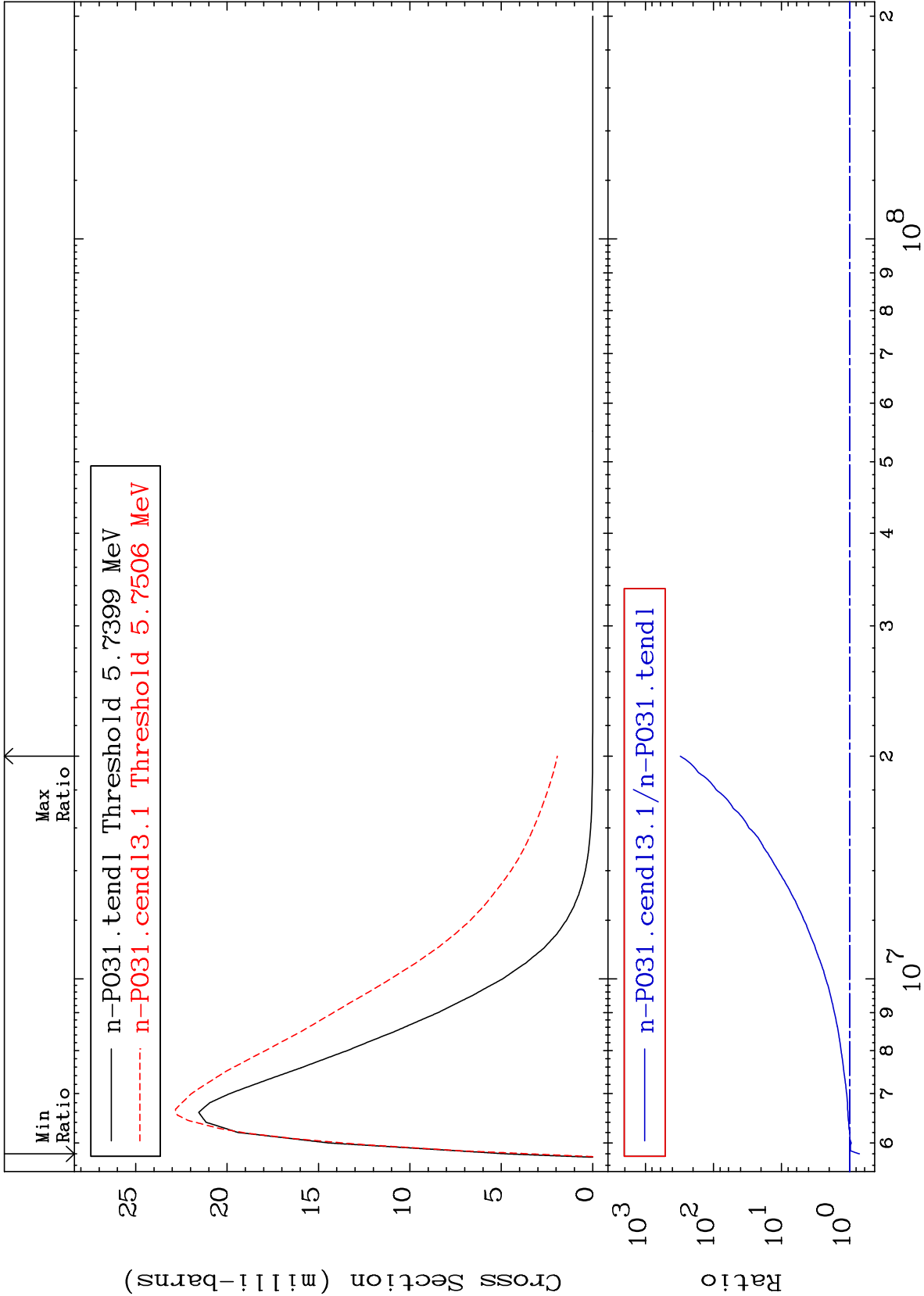
Incident Energy (eV)

15-P -31

MAT 1525

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

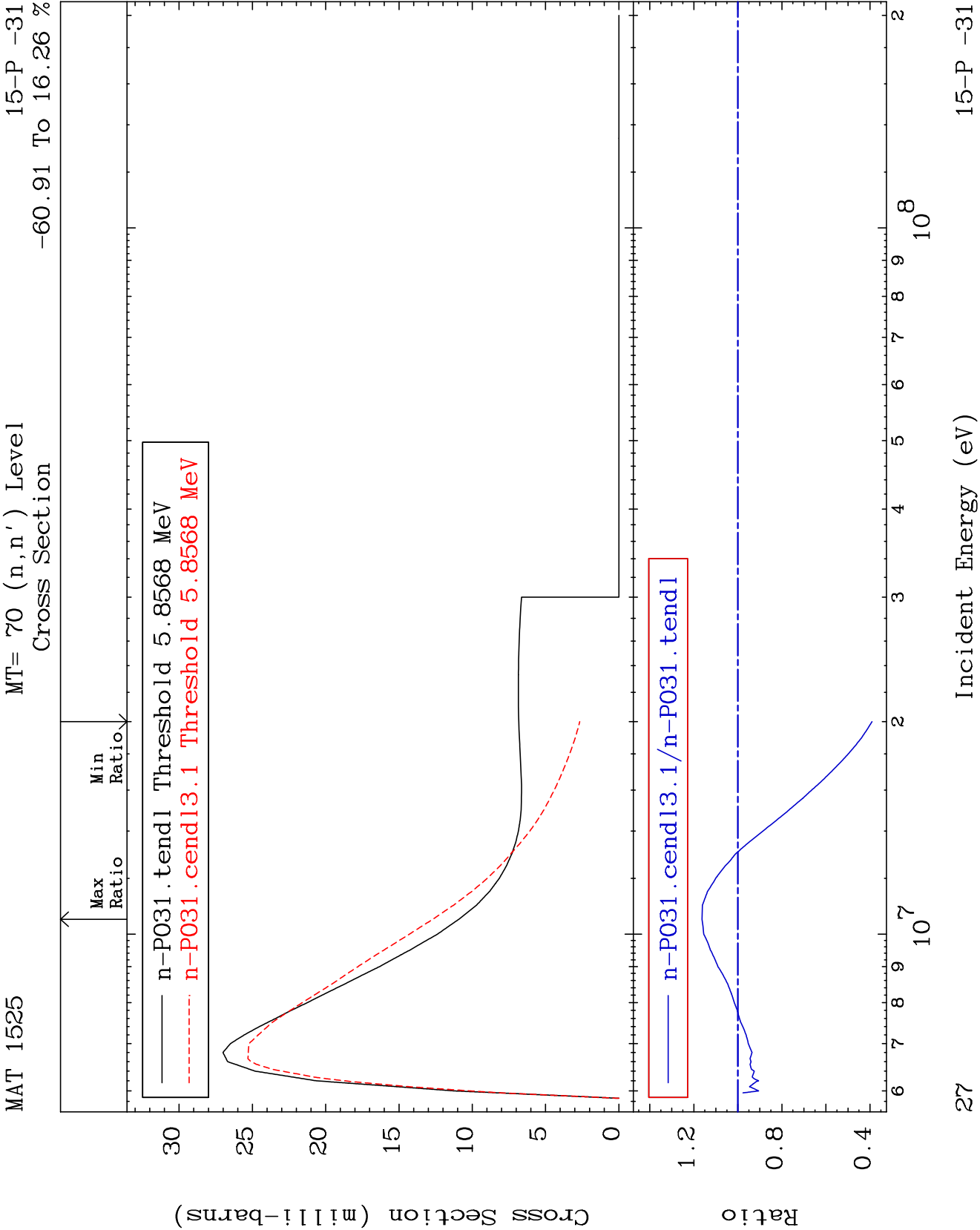
15-P -31
-28.30 To 9999. %

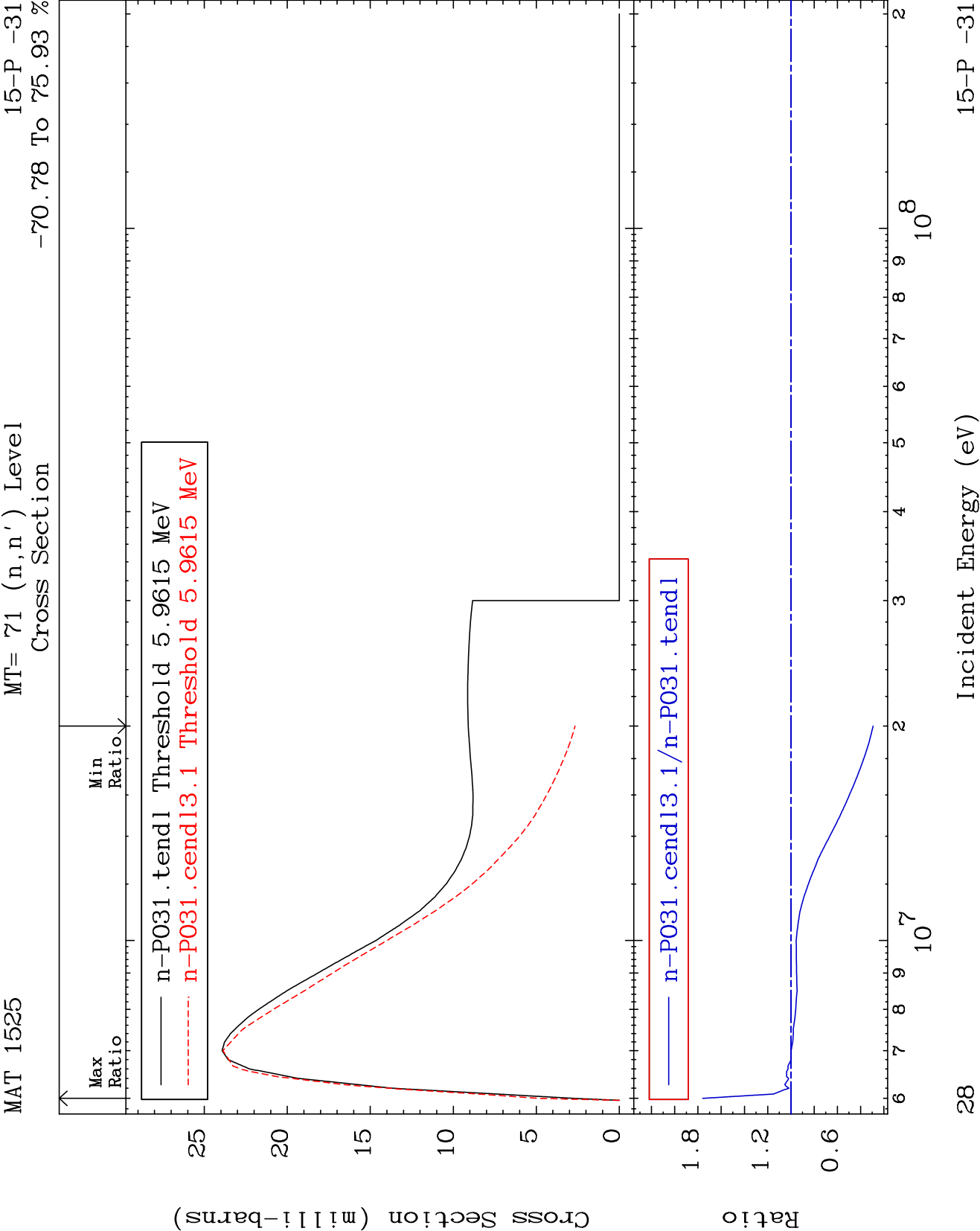


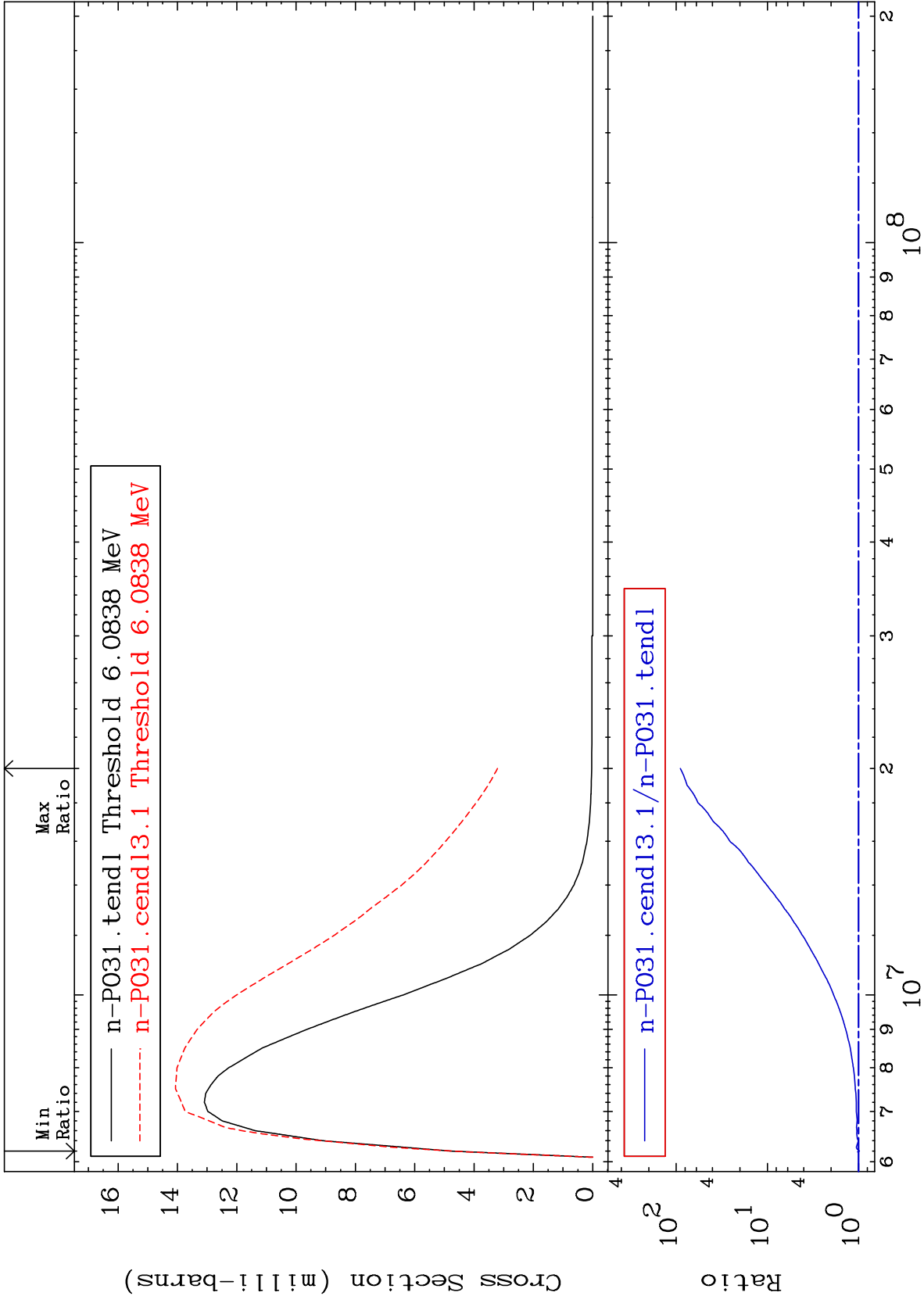
26

Incident Energy (eV)

15-P -31



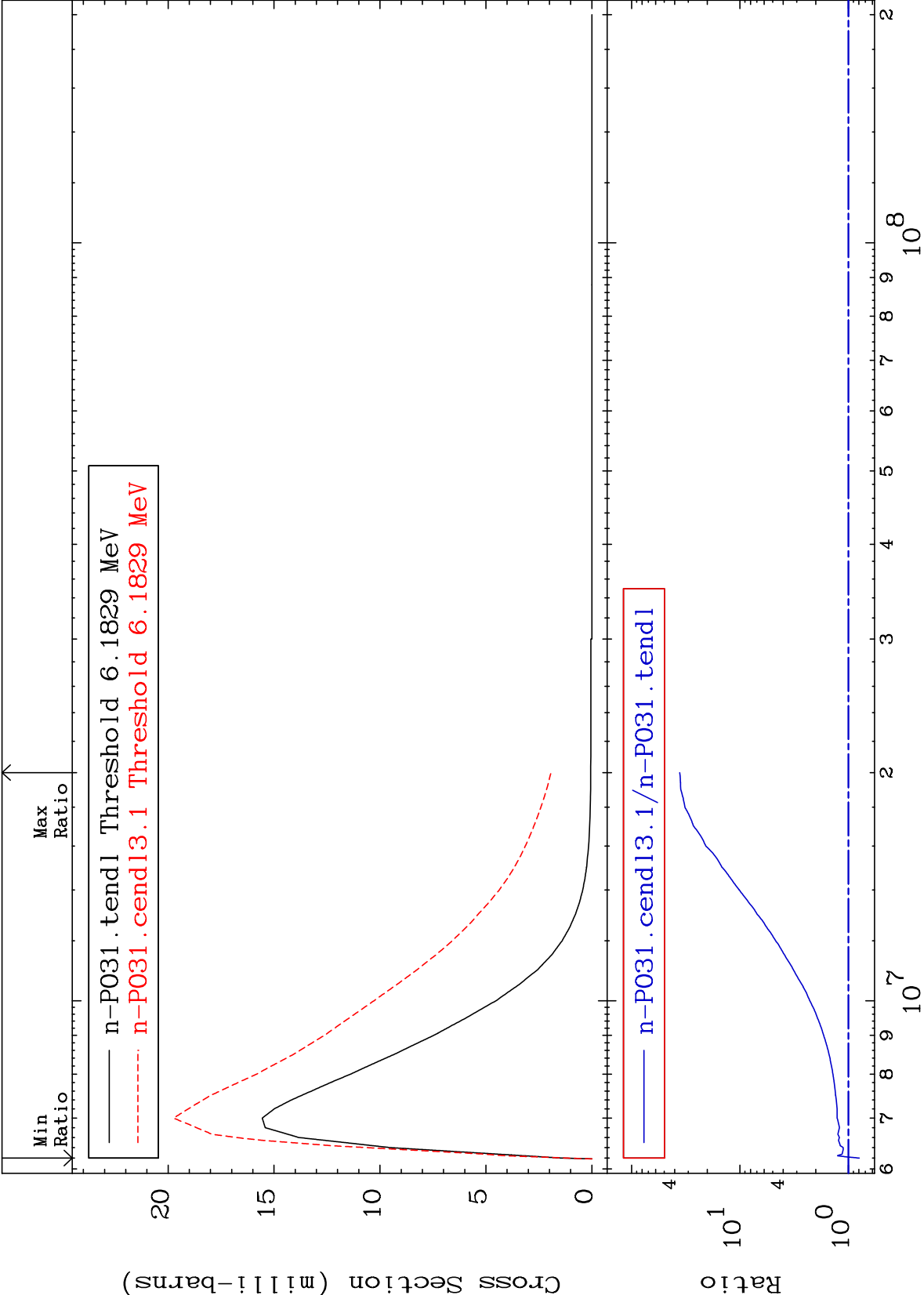


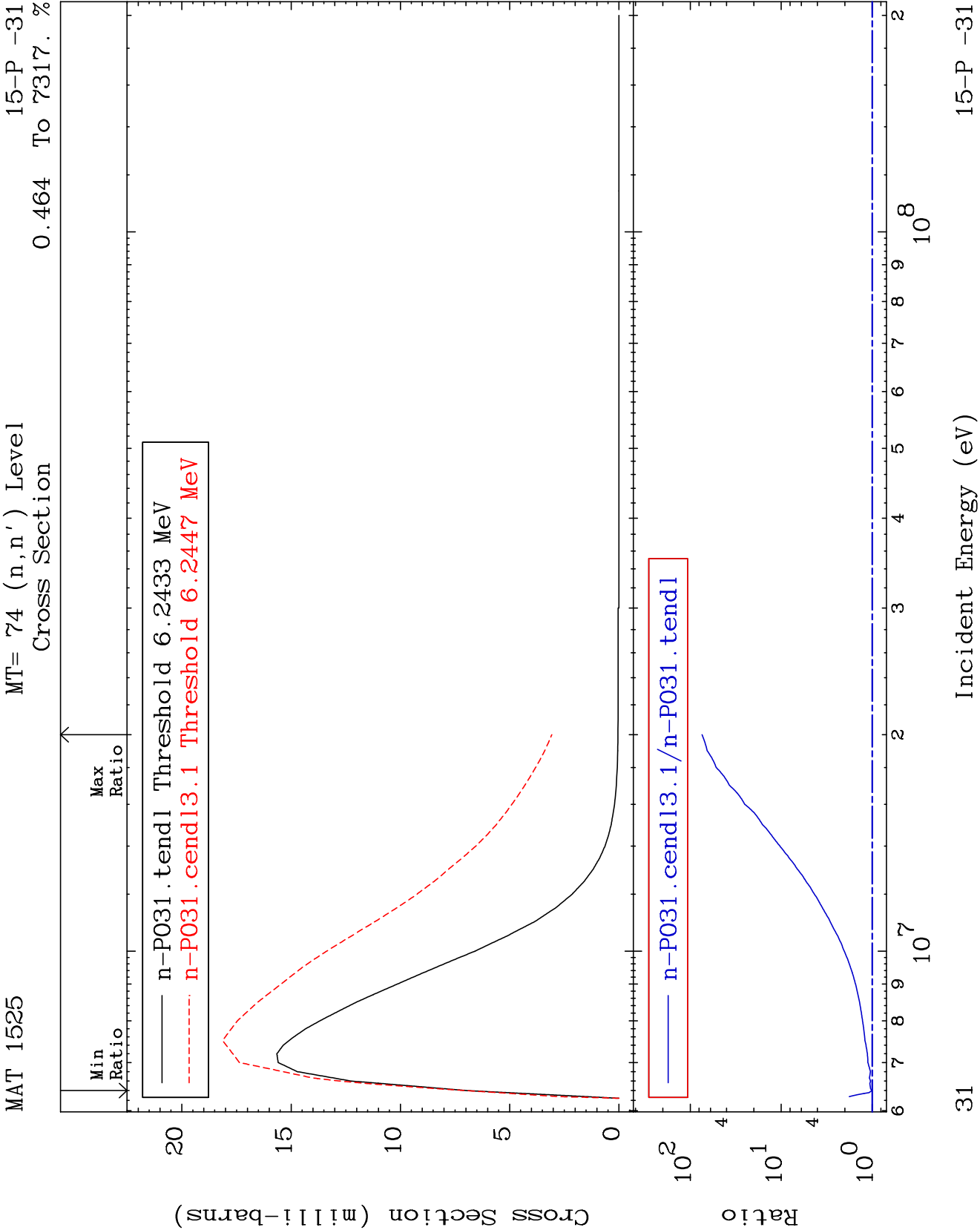


MAT 1525

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

15-P -31
-20.56 To 3496. %

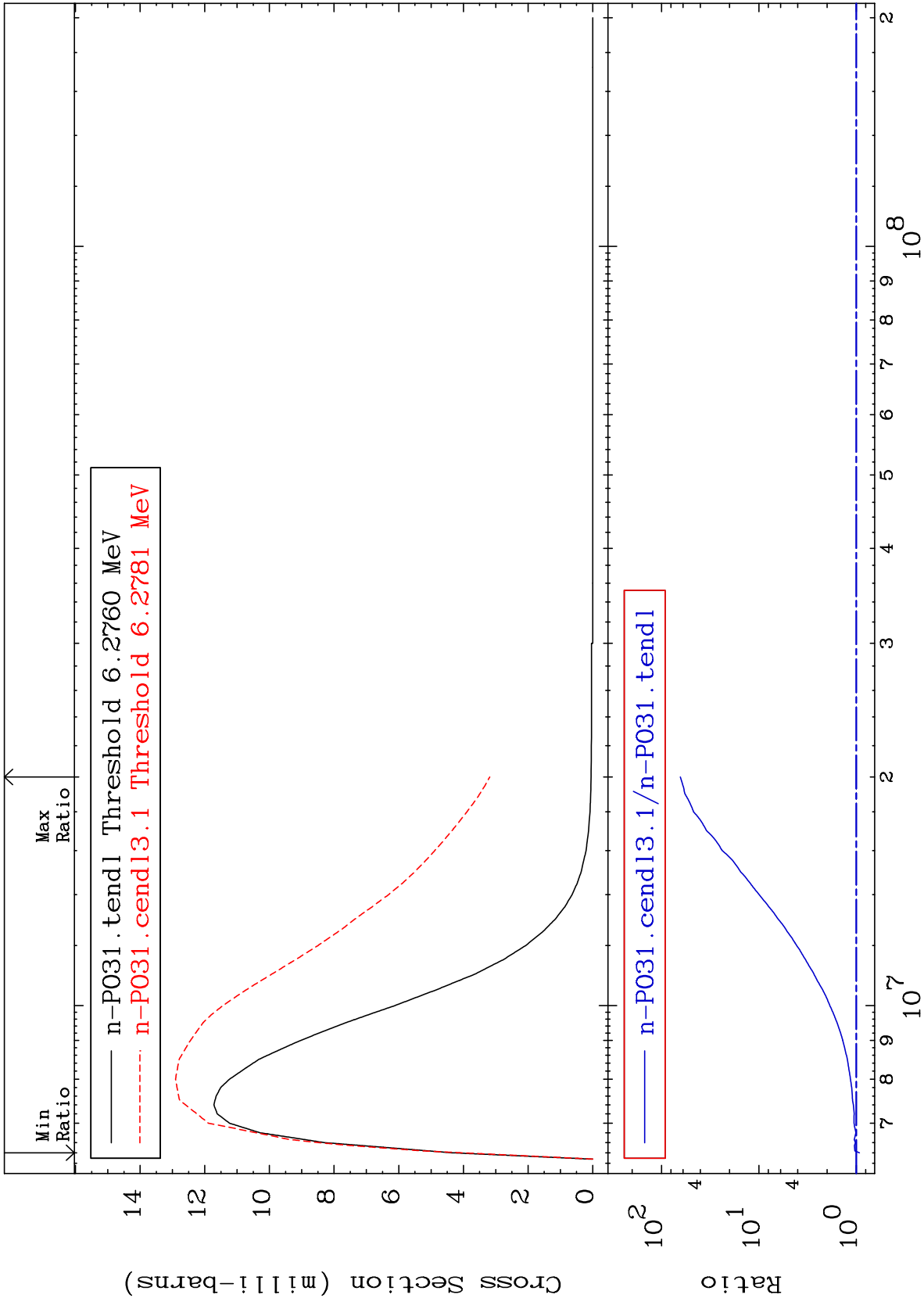




MAT 1525

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

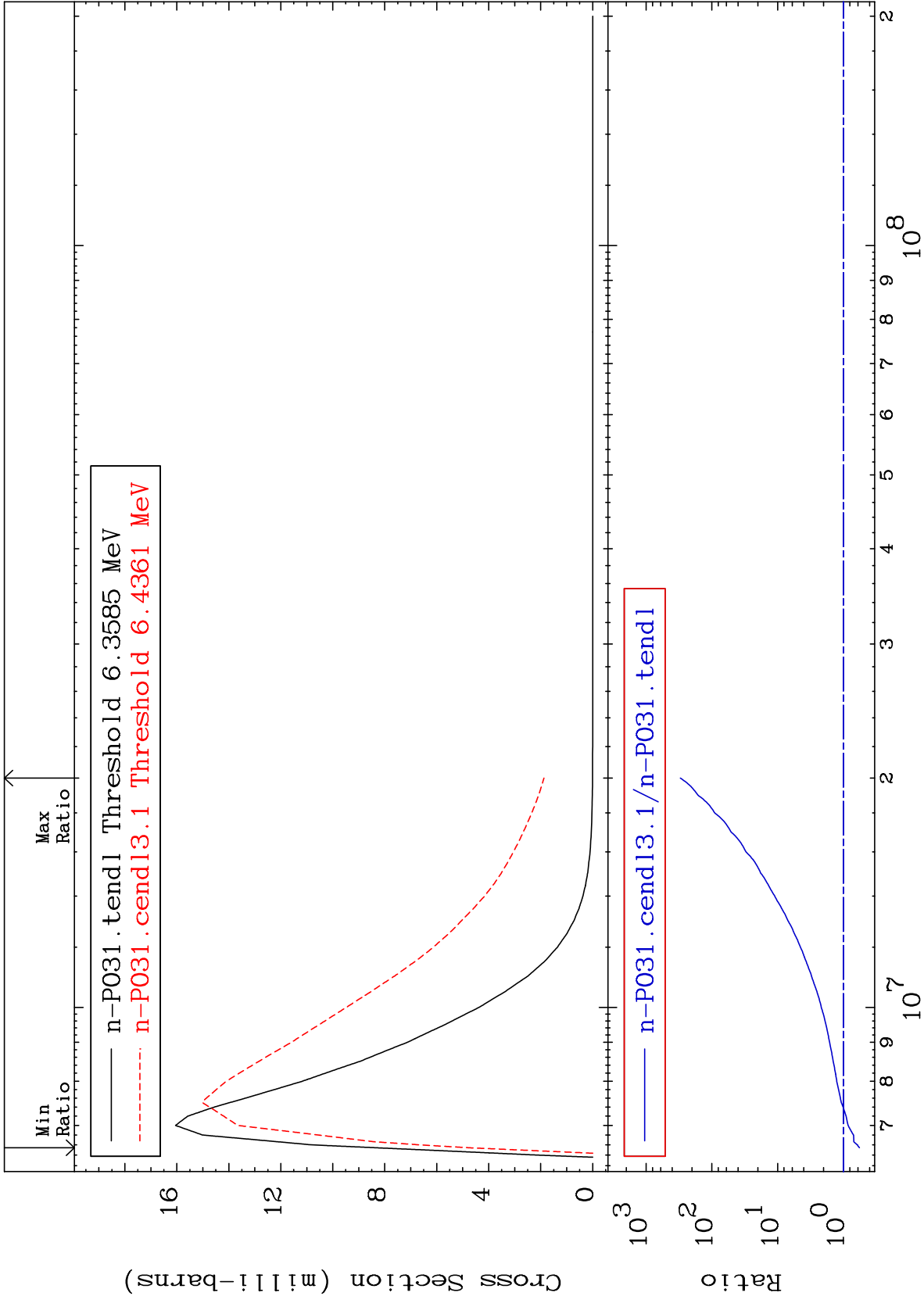
15-P -31
-7.037 To 6304. %

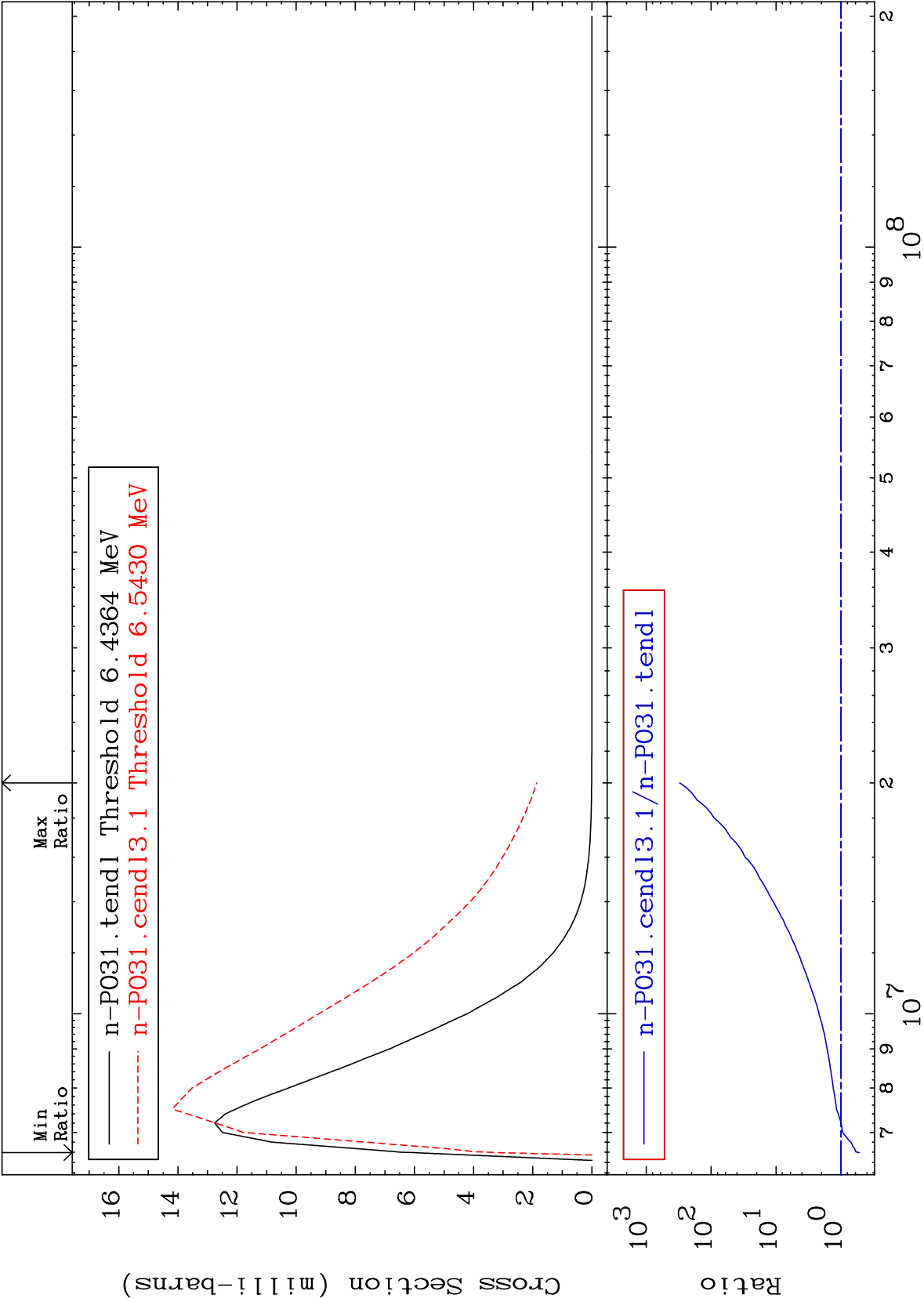


32

Incident Energy (eV)

15-P -31

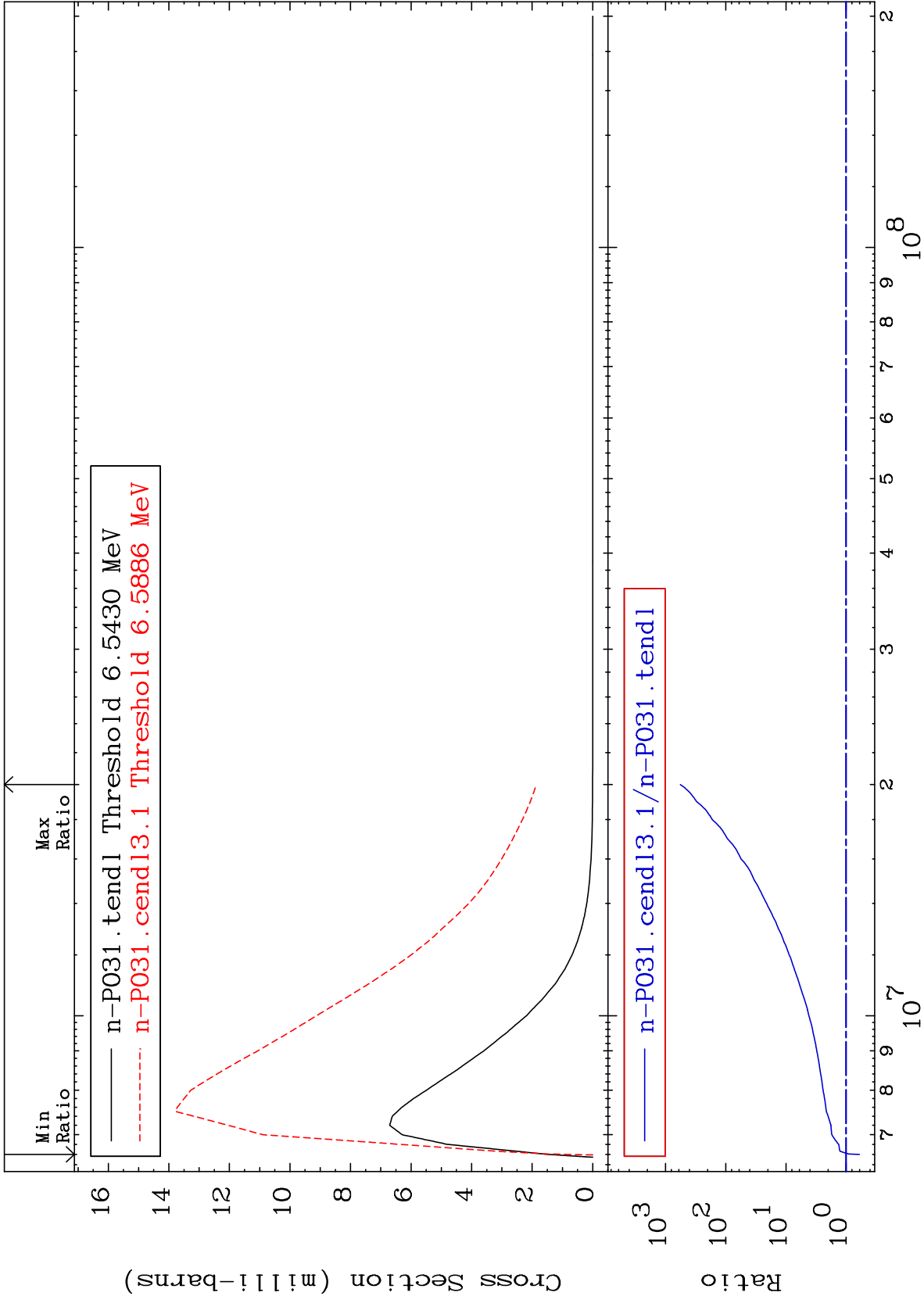




MAT 1525

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

15-P -31
-39.74 To 9999. %



35

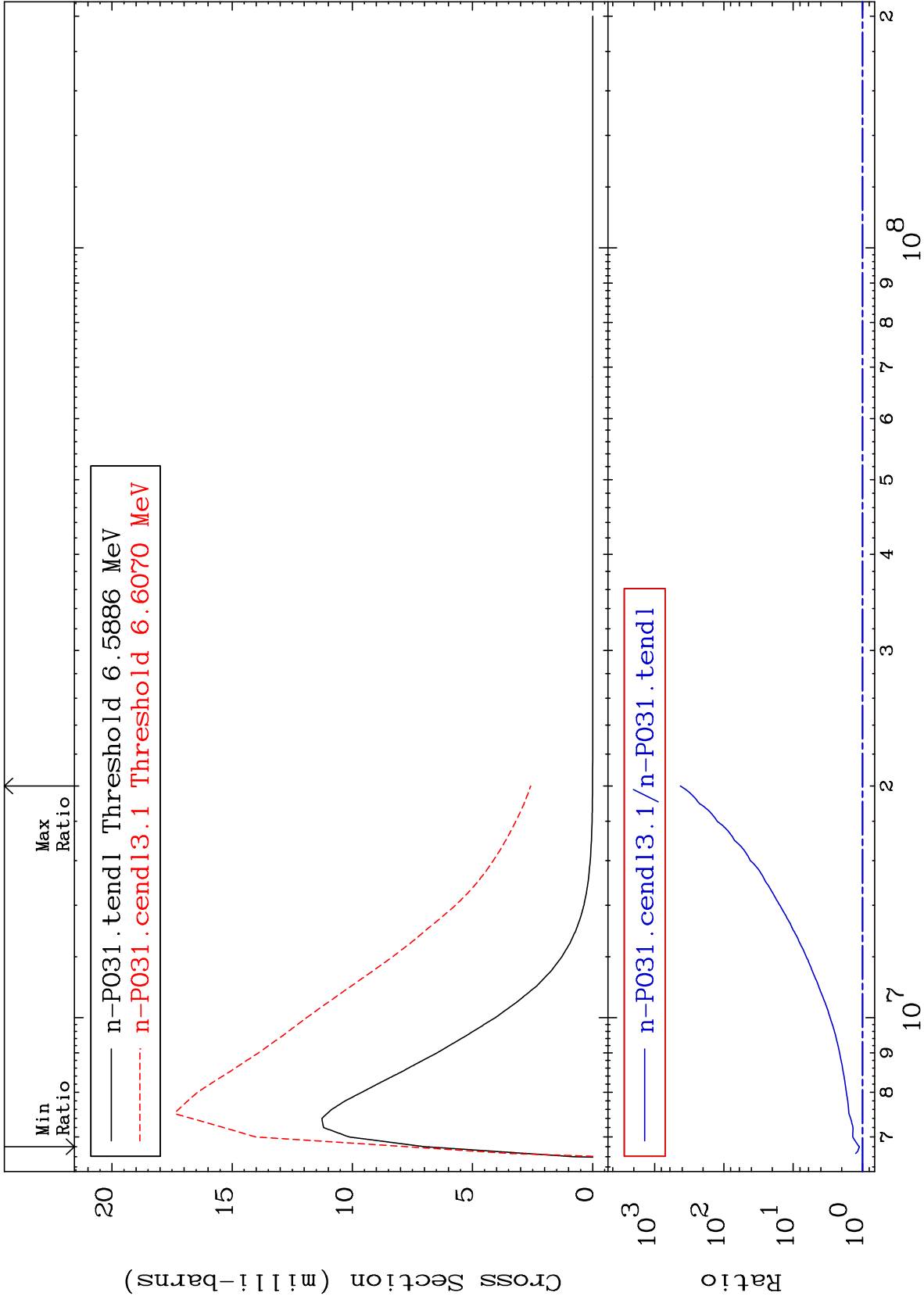
Incident Energy (eV)

15-P -31

MAT 1525

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

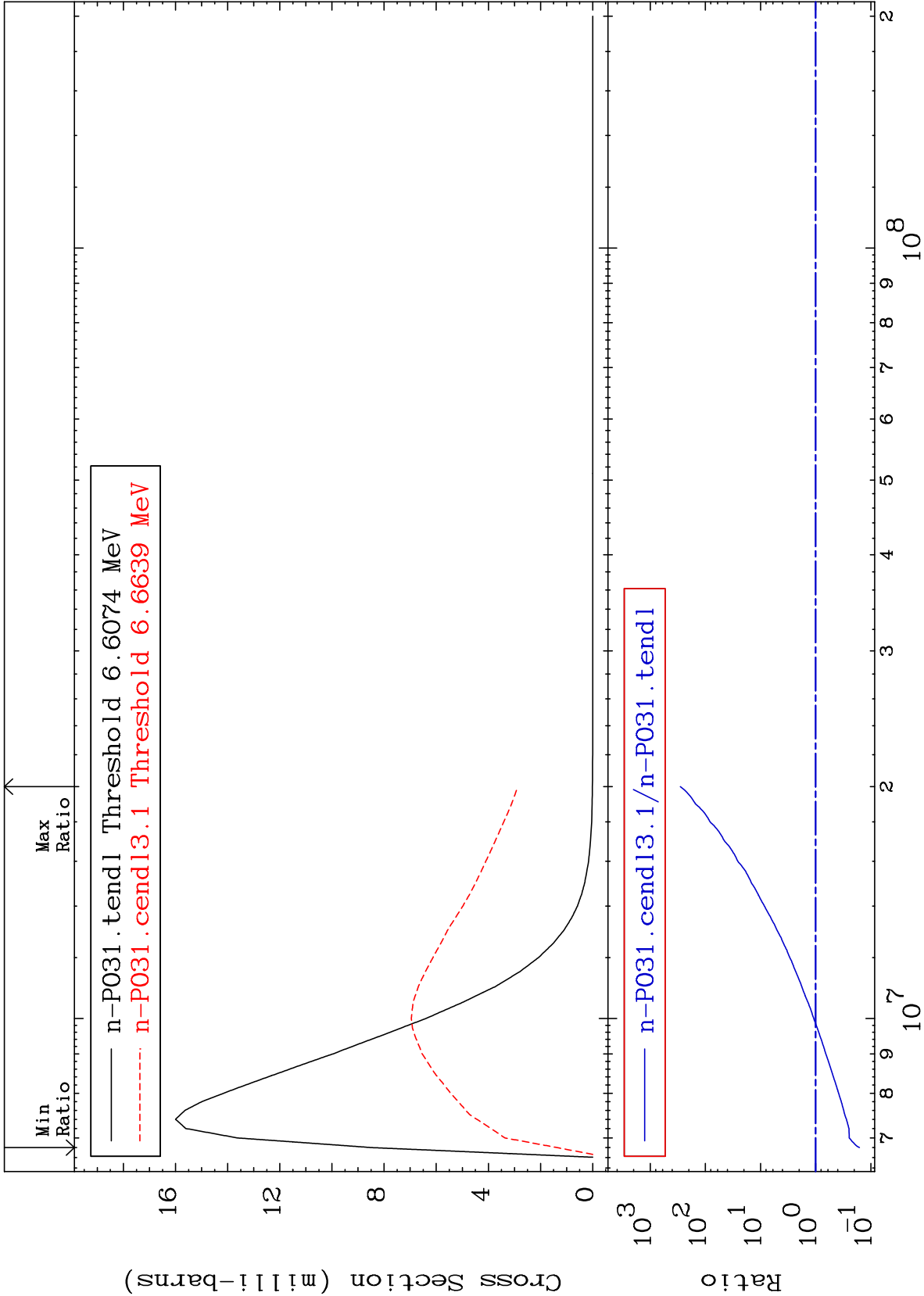
15-P -31
10.84 To 9999. %

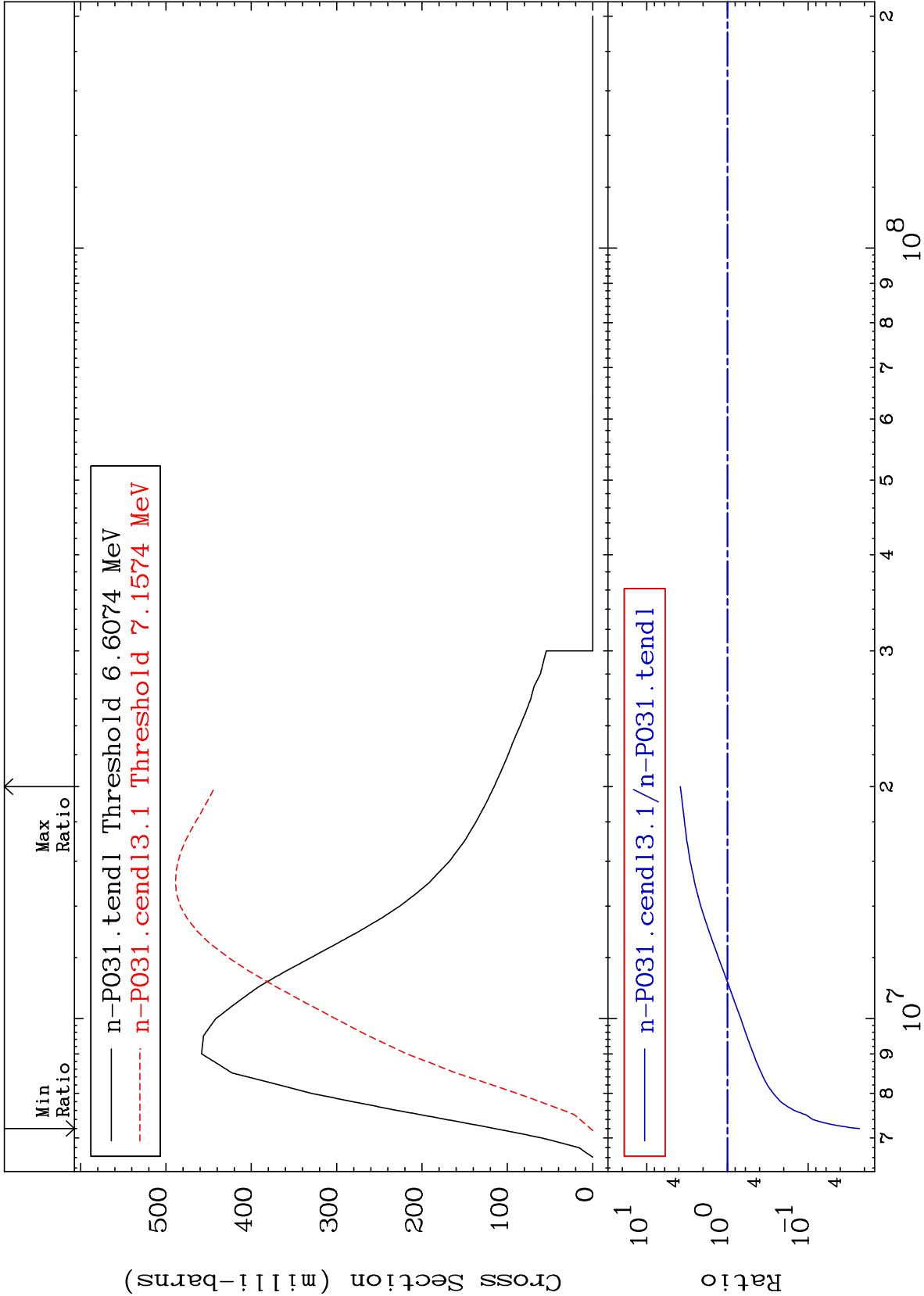


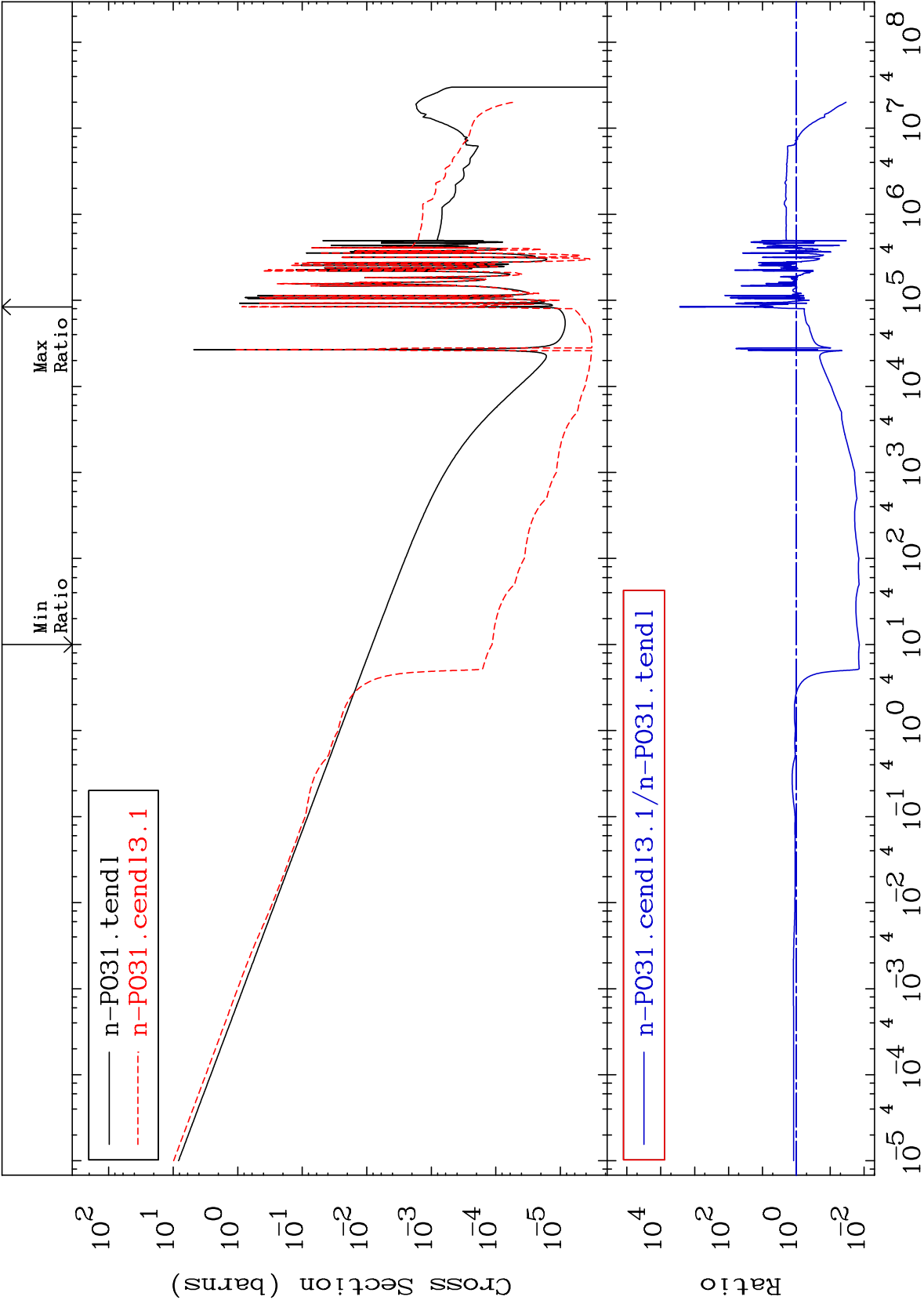
36

Incident Energy (eV)

15-P -31



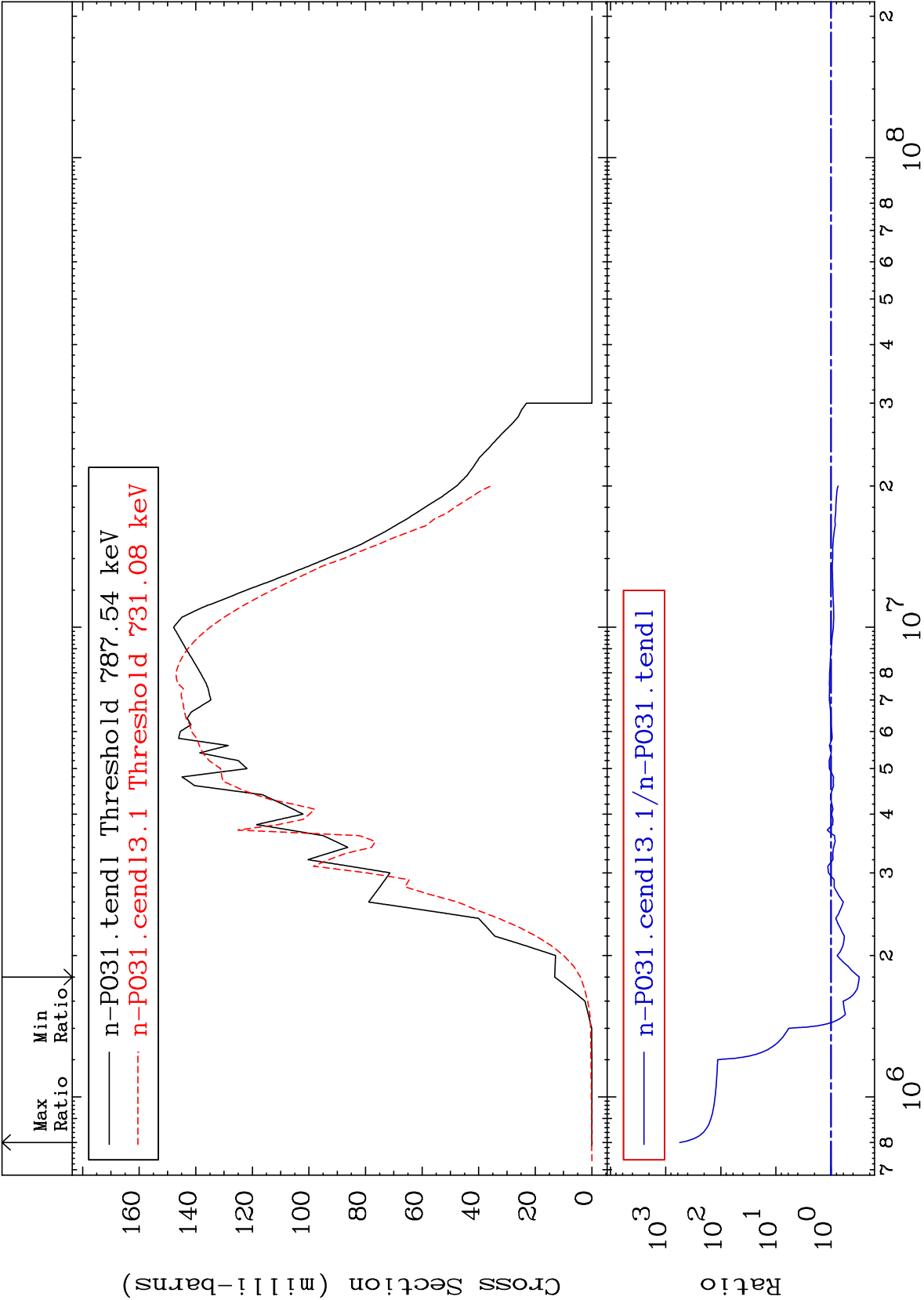




MAT 1525

(n,p)
Cross Section

15-P -31
-69.15 To 9999. %



40

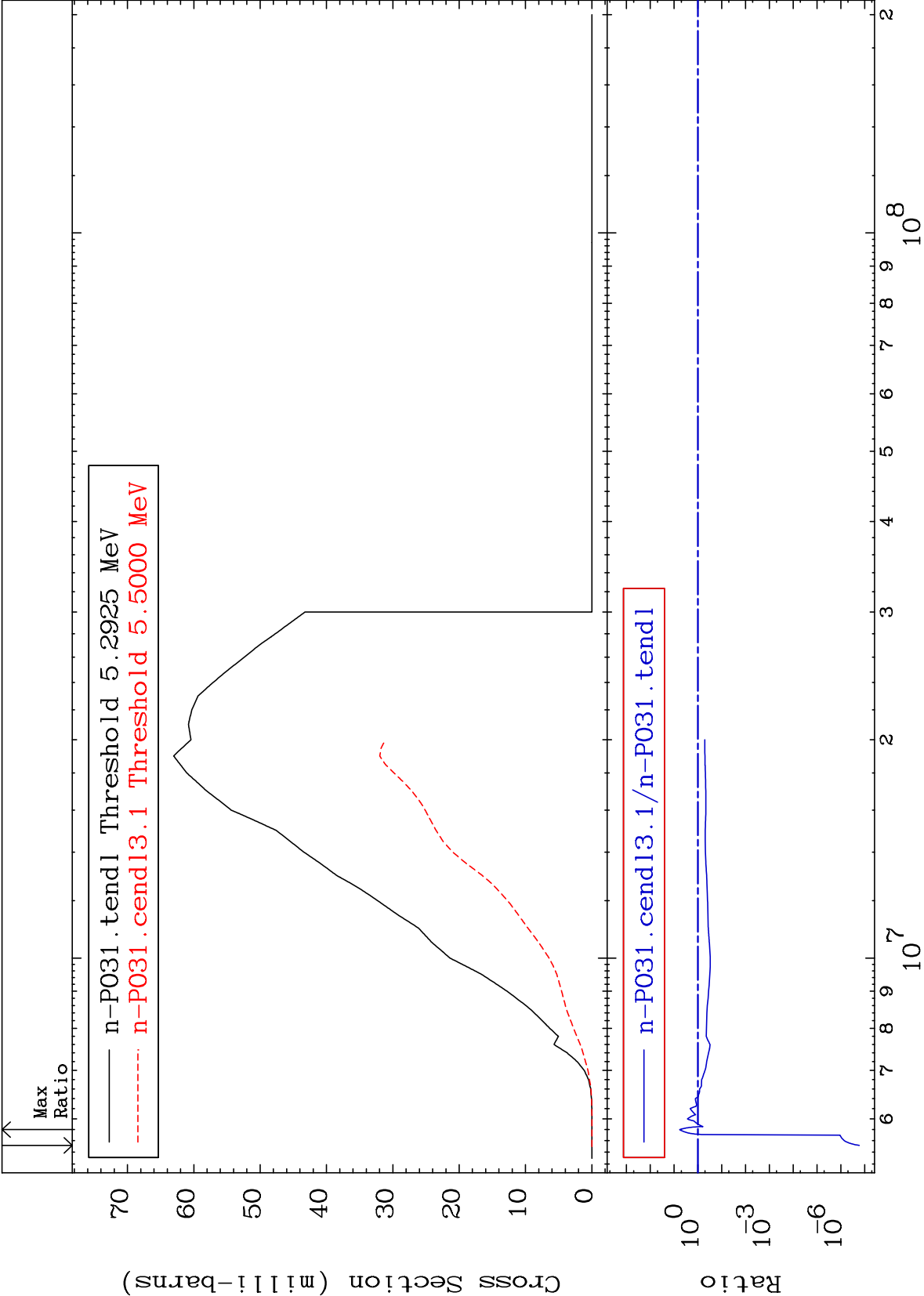
Incident Energy (eV)

15-P -31

MAT 1525

(n,d)
Cross Section

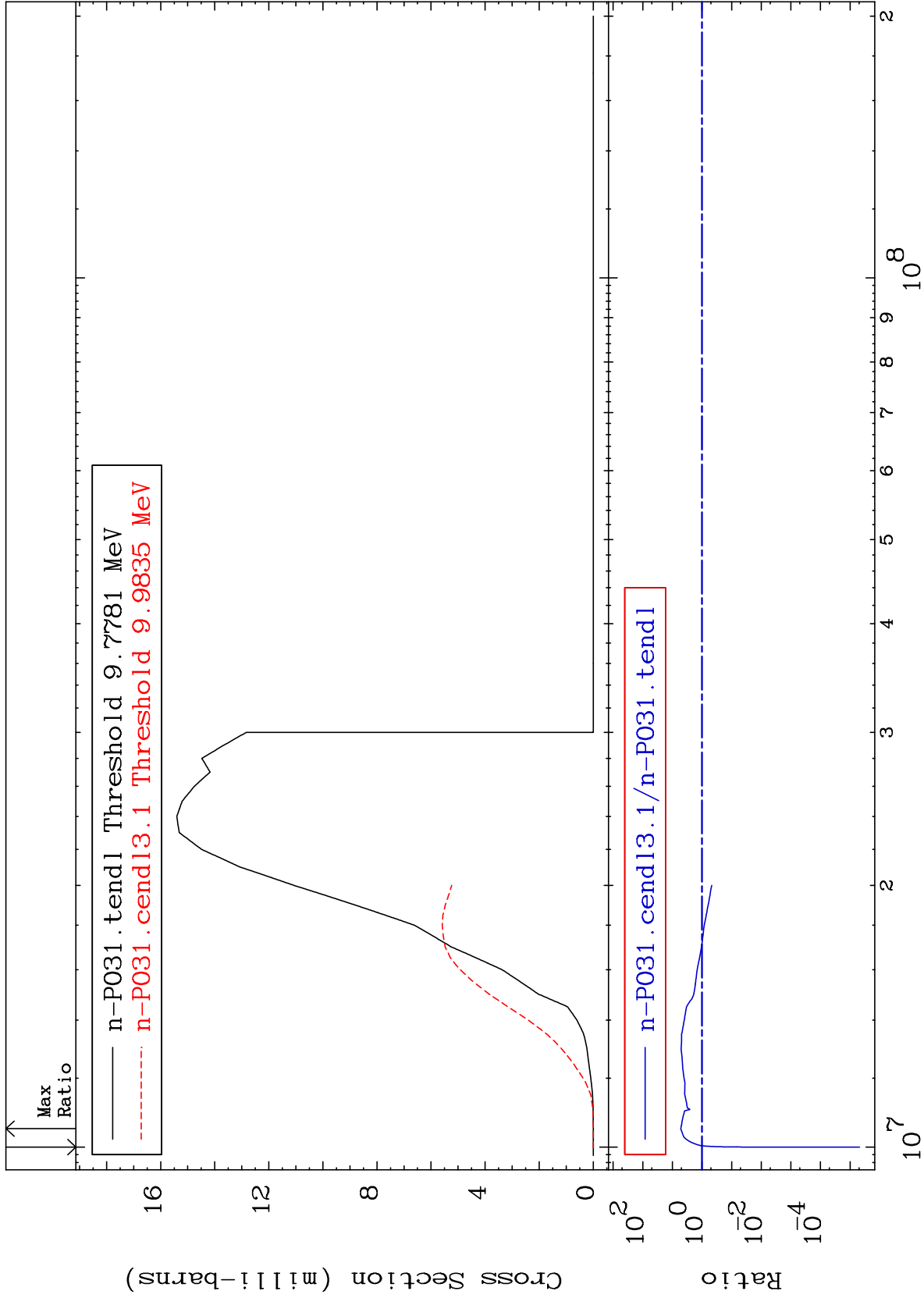
15-P -31
-100.0 To 479.3 %



MAT 1525

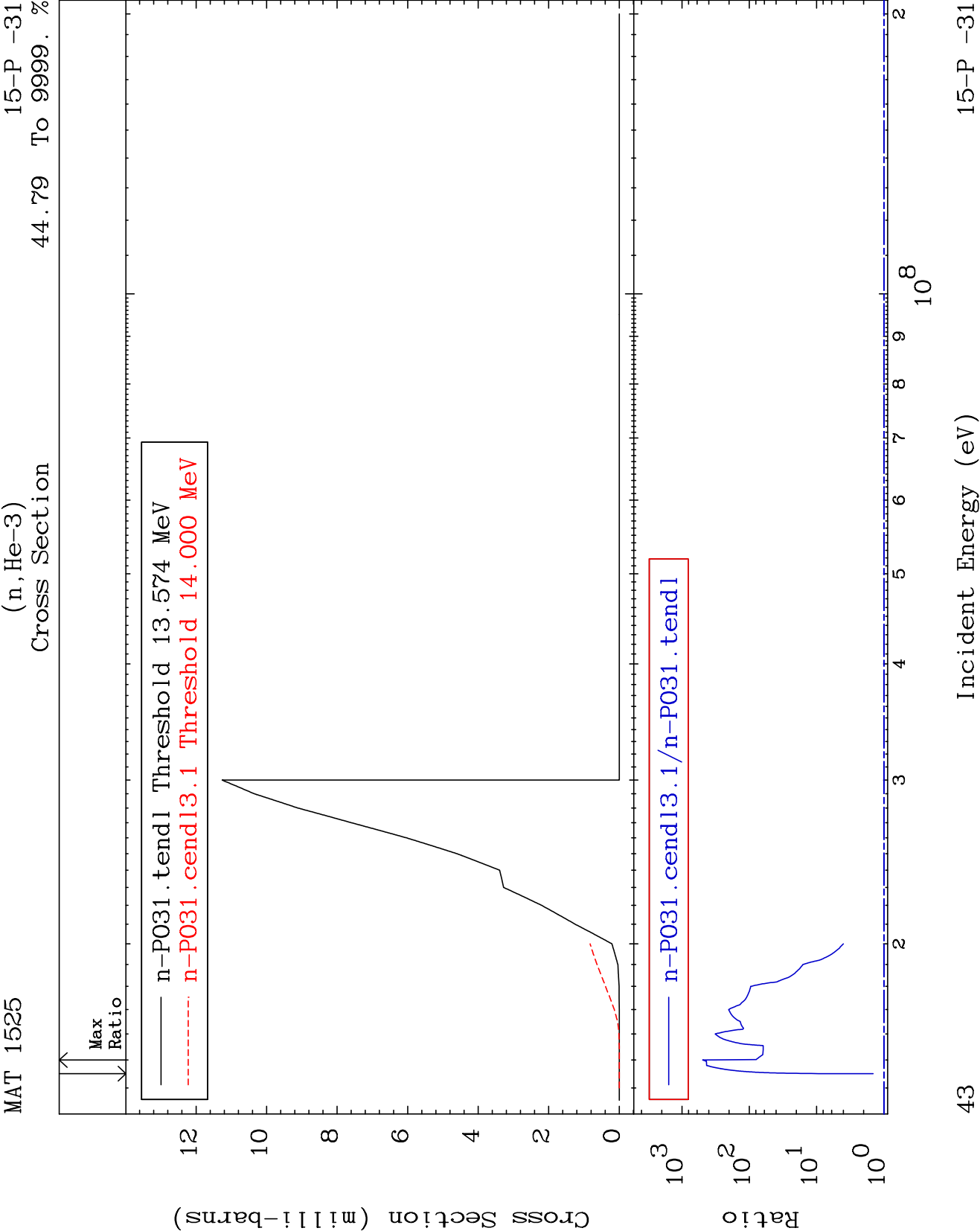
(n,t)
Cross Section

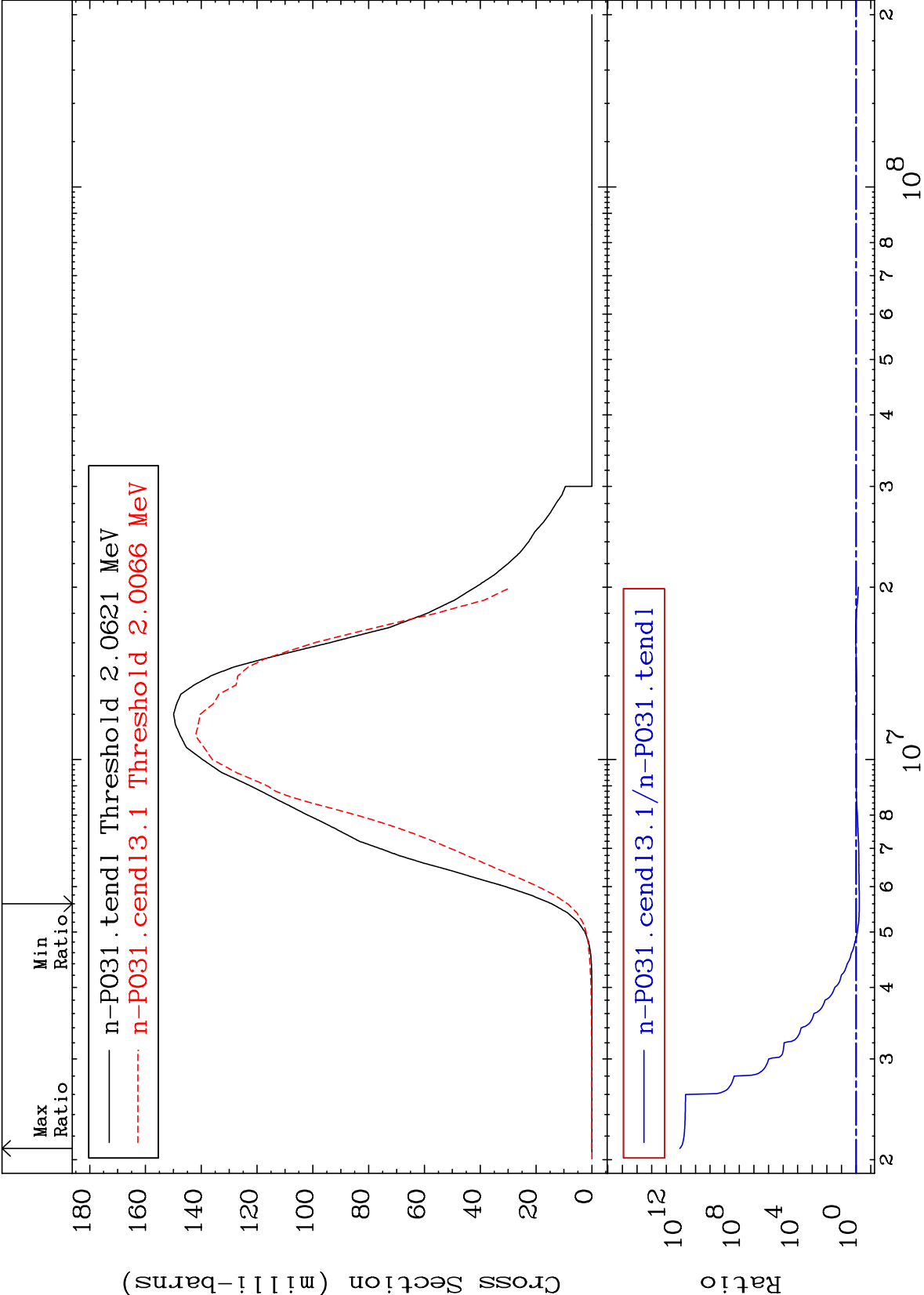
15-P -31
-100.0 To 421.4 %

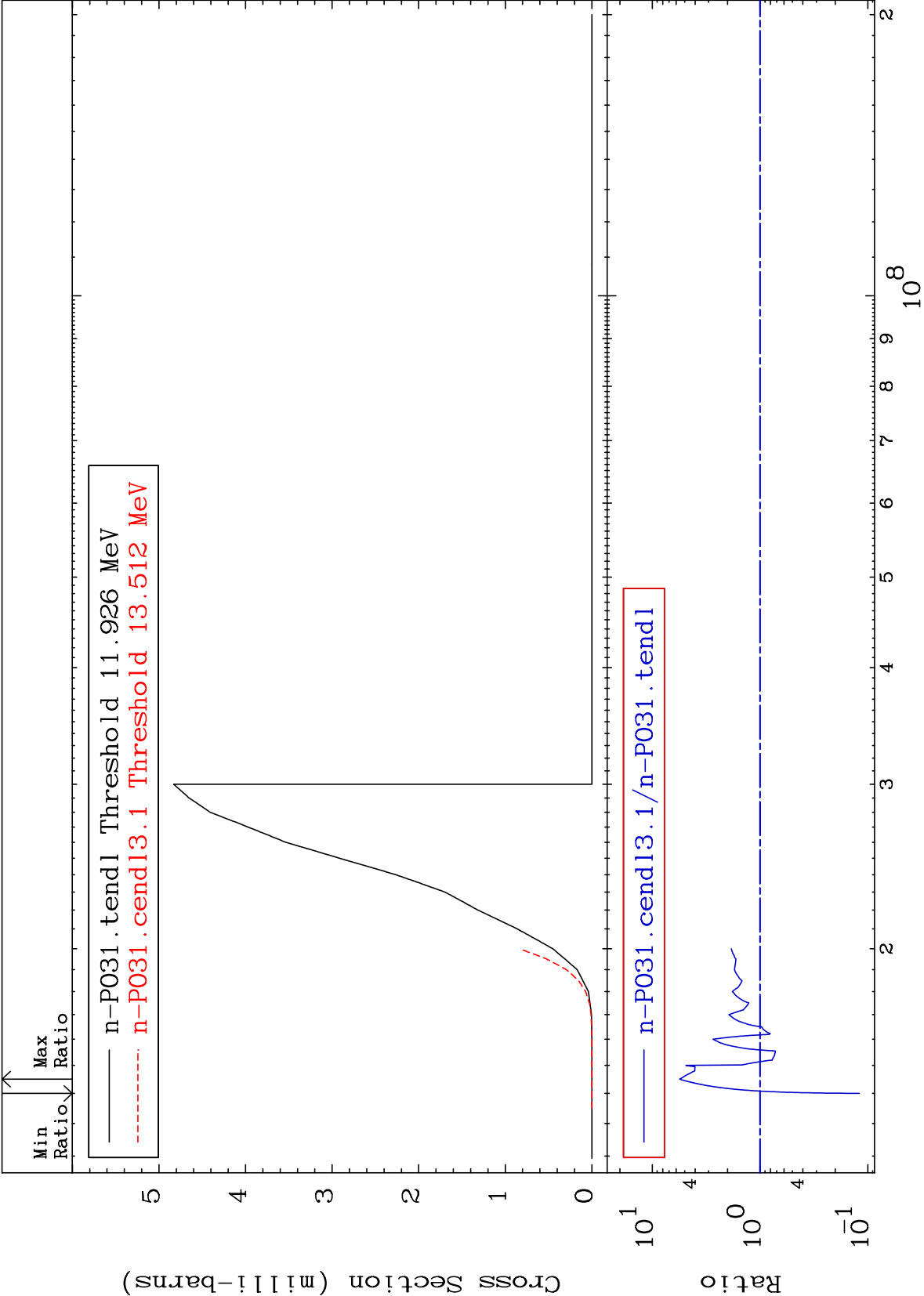


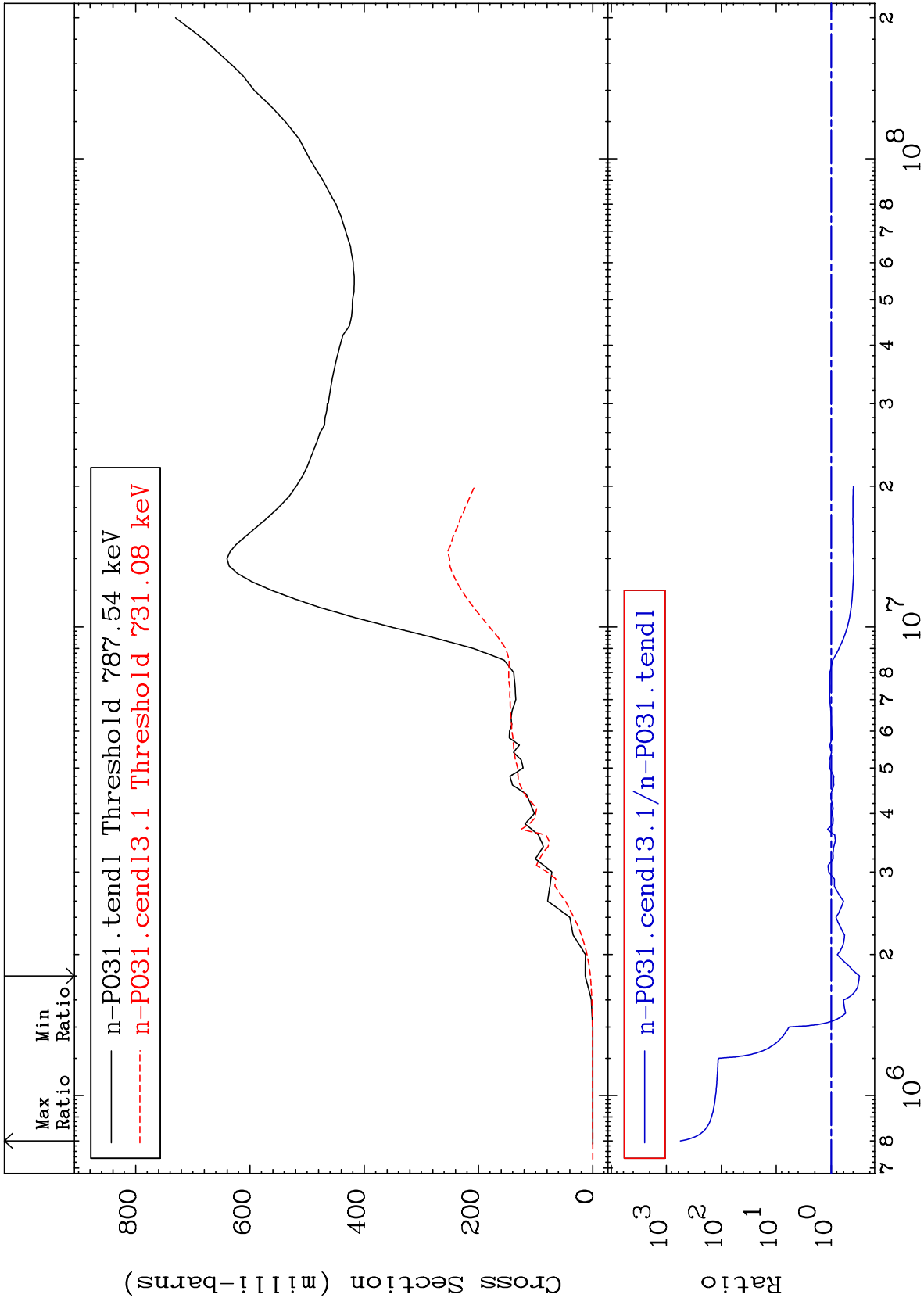
Incident Energy (eV)

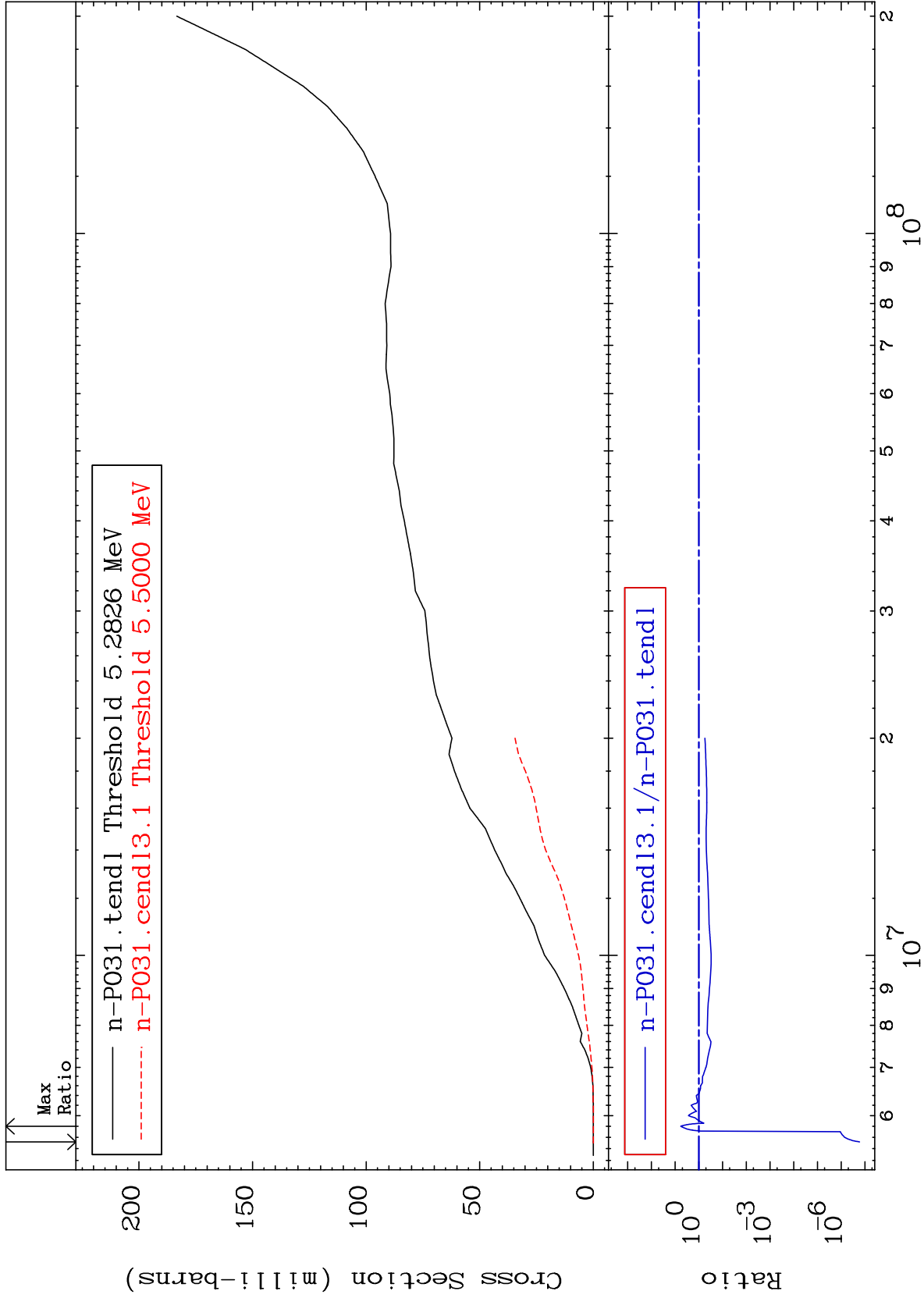
15-P -31







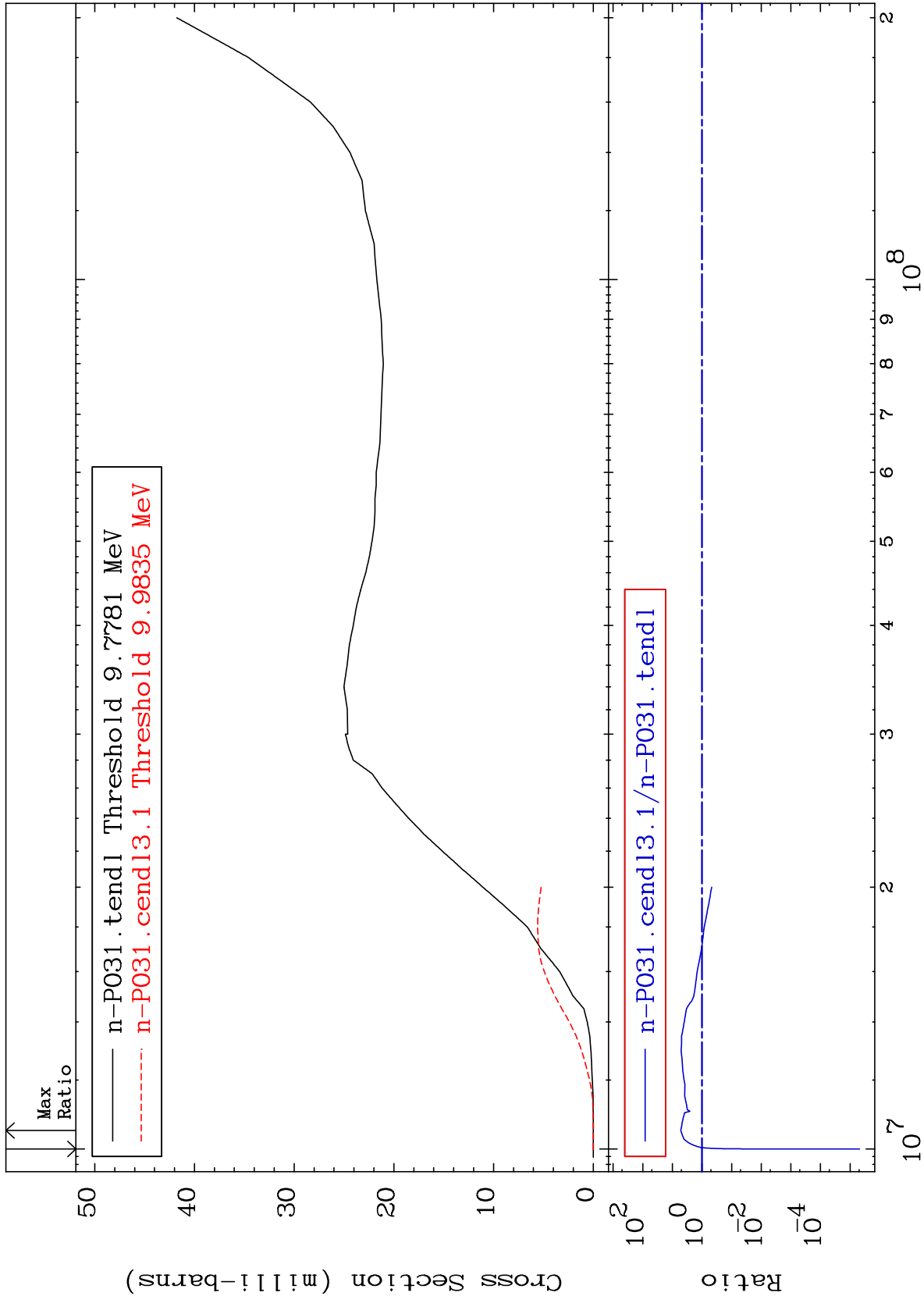




MAT 1525

Tritium Production
Cross Section

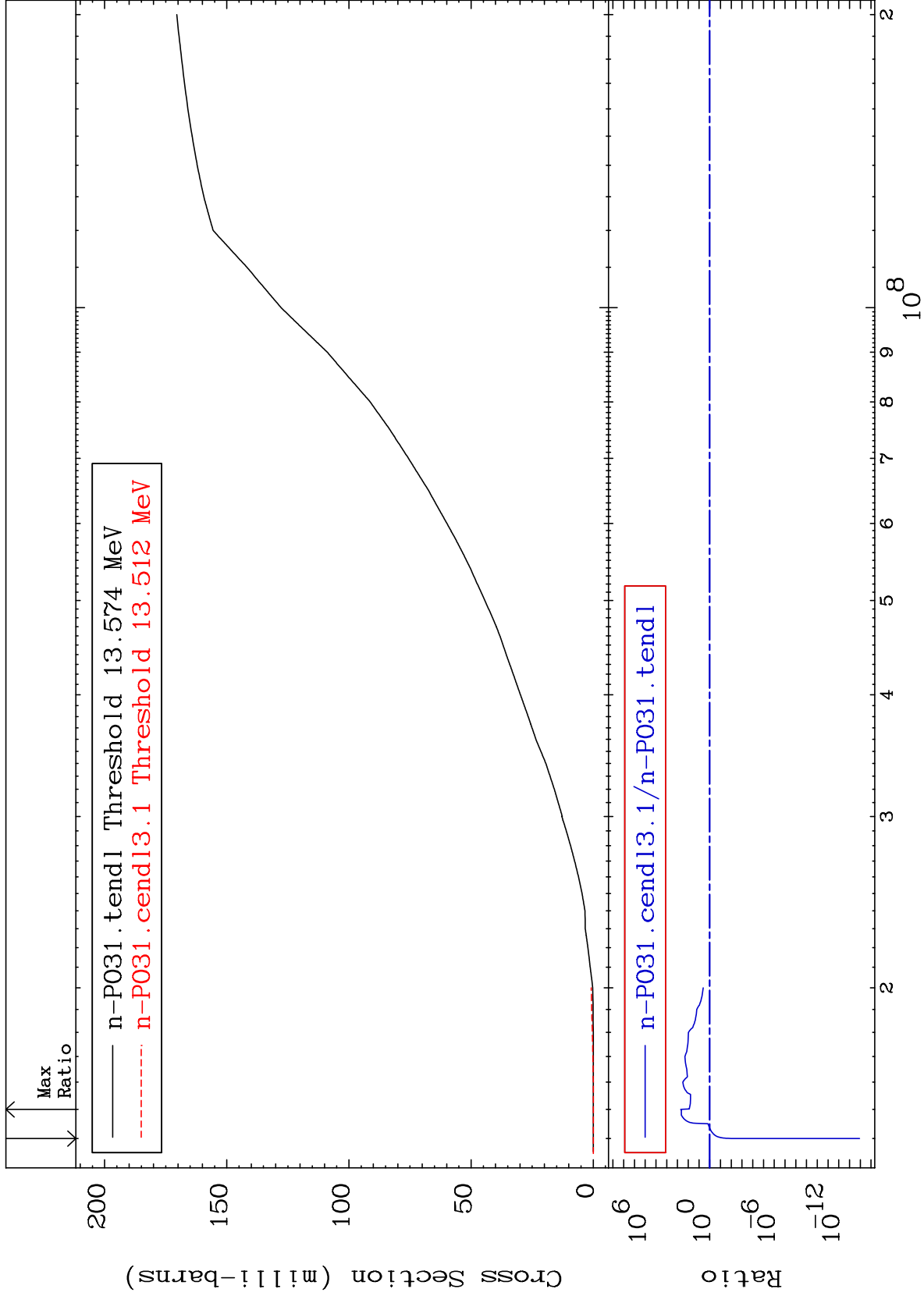
15-P -31
-100.0 To 421.4 %

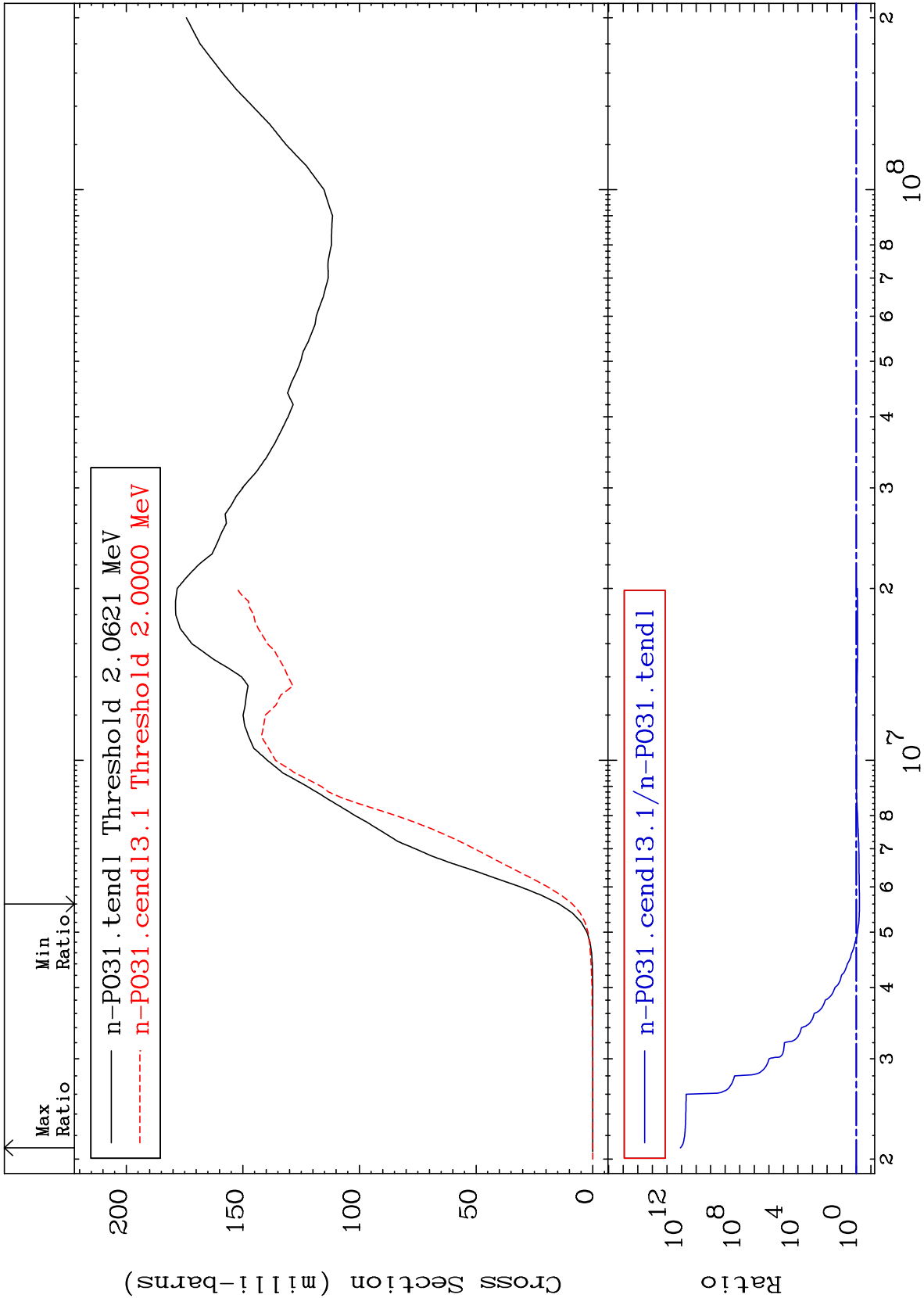


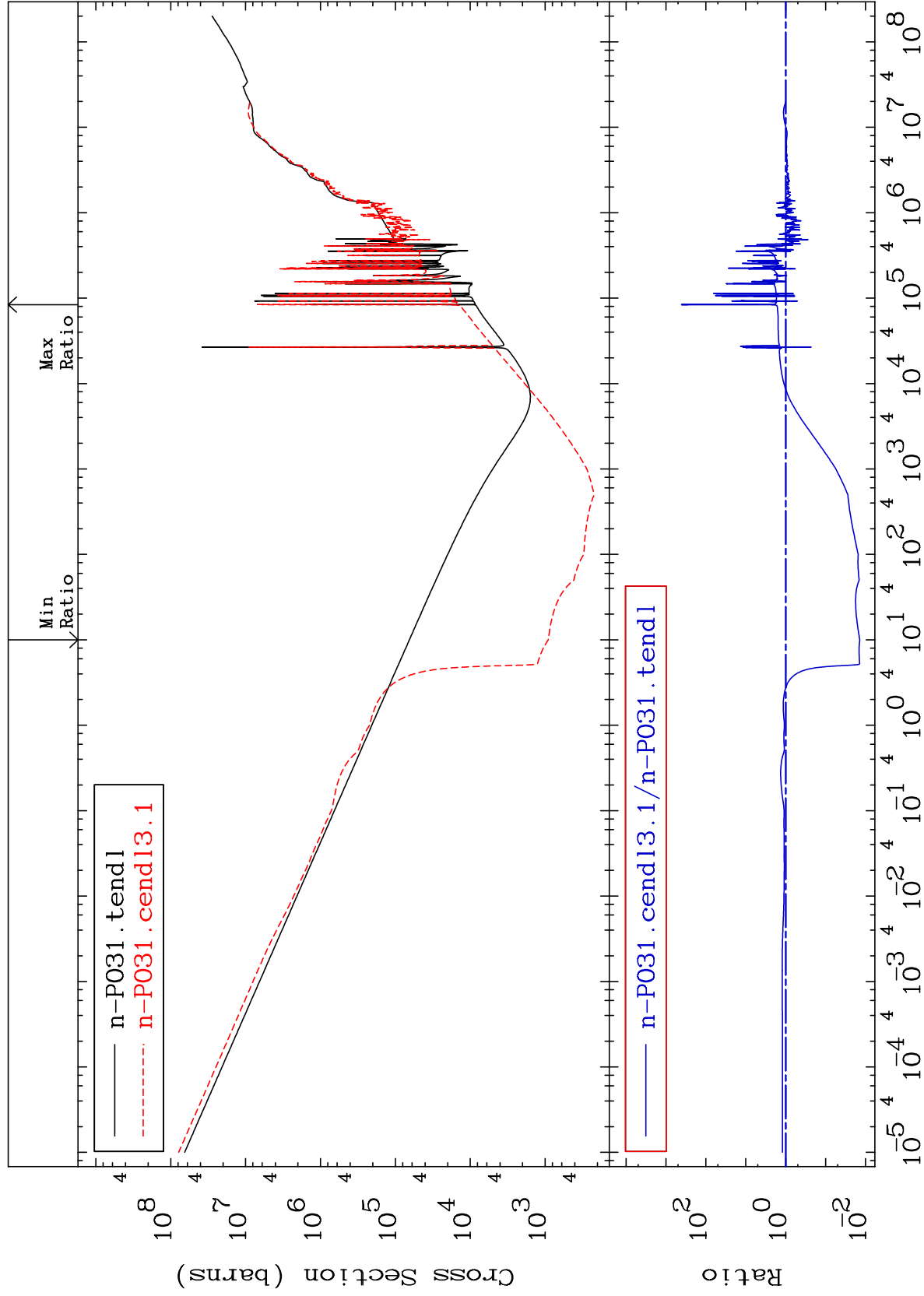
48

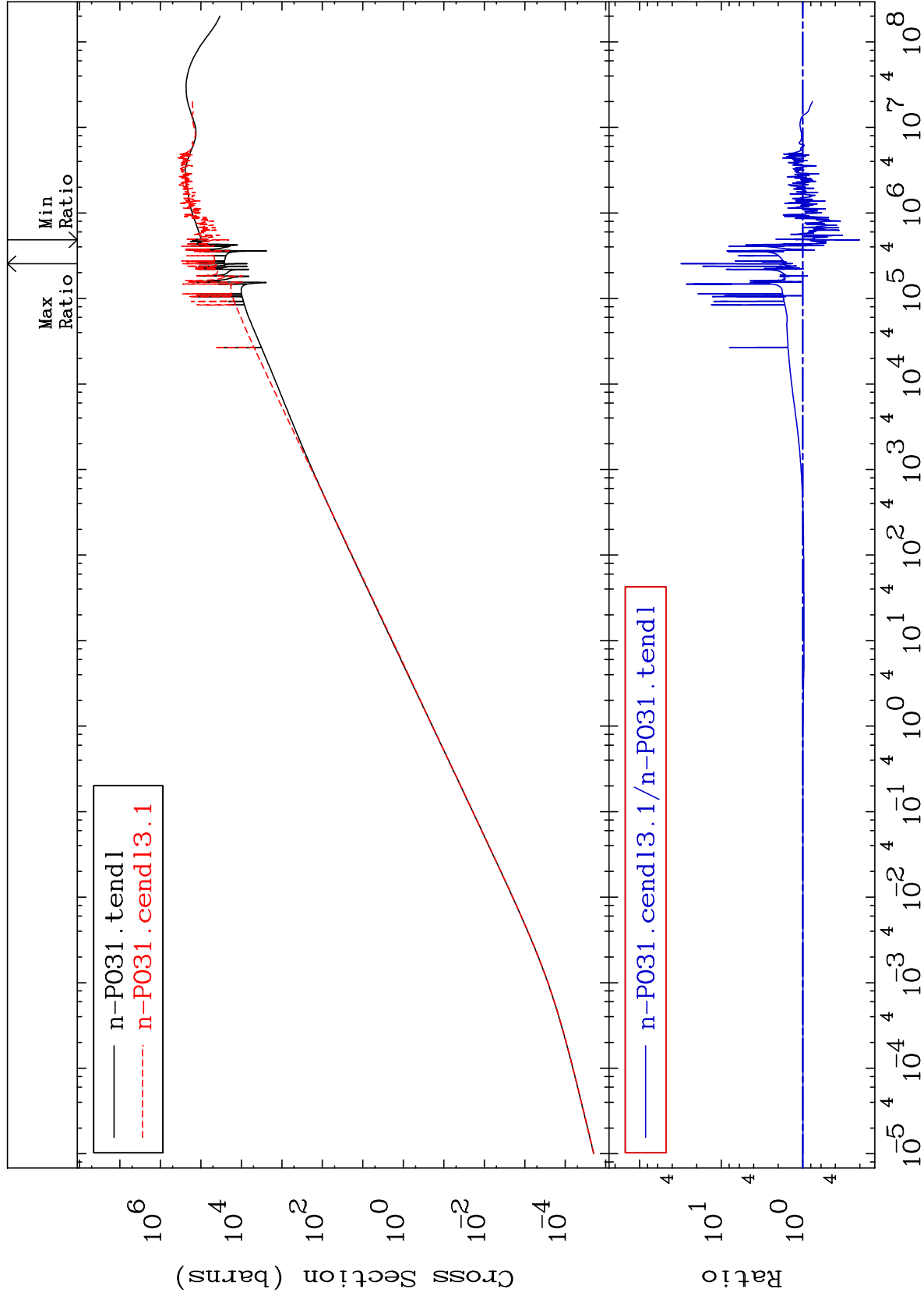
Incident Energy (eV)

15-P -31



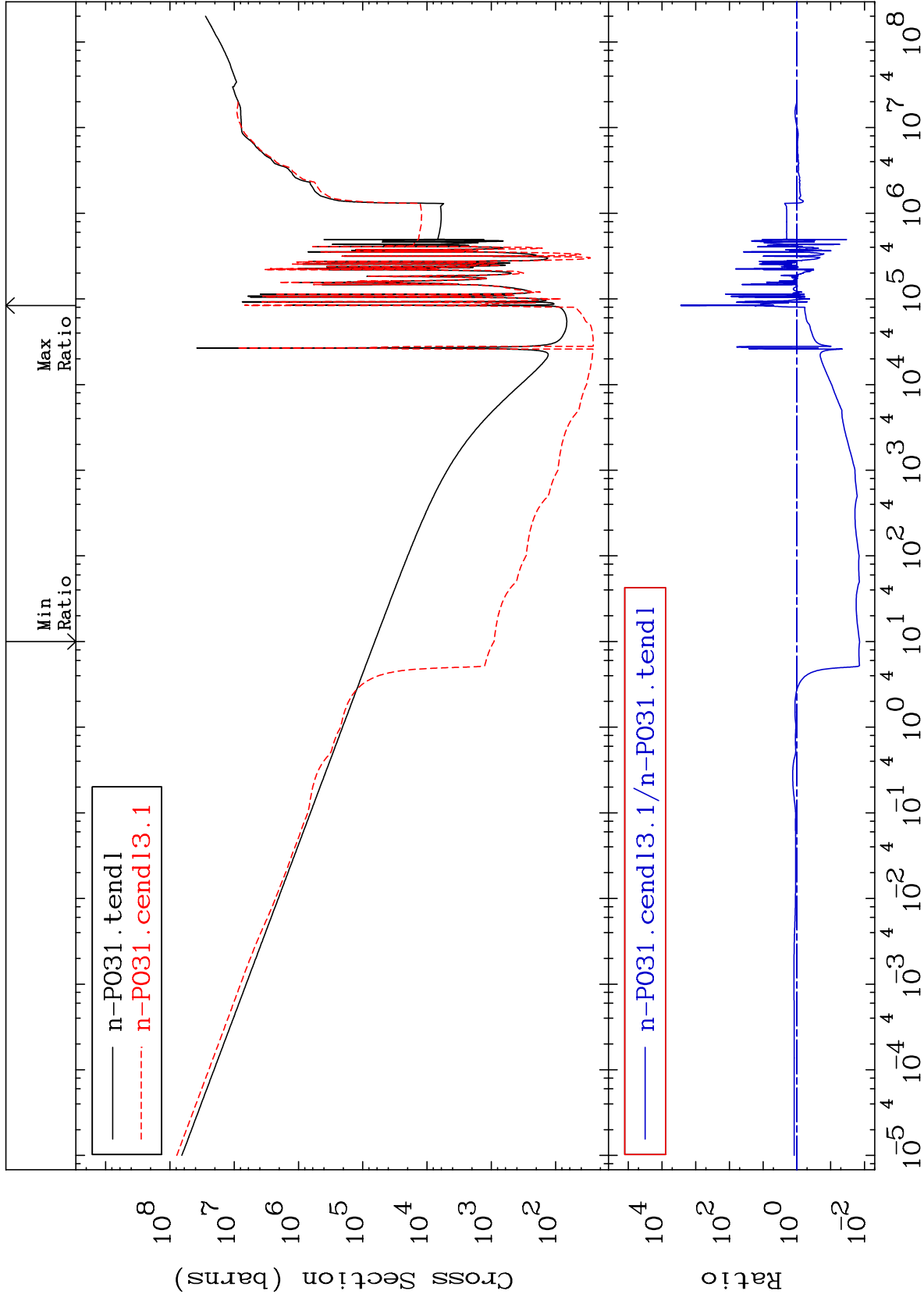


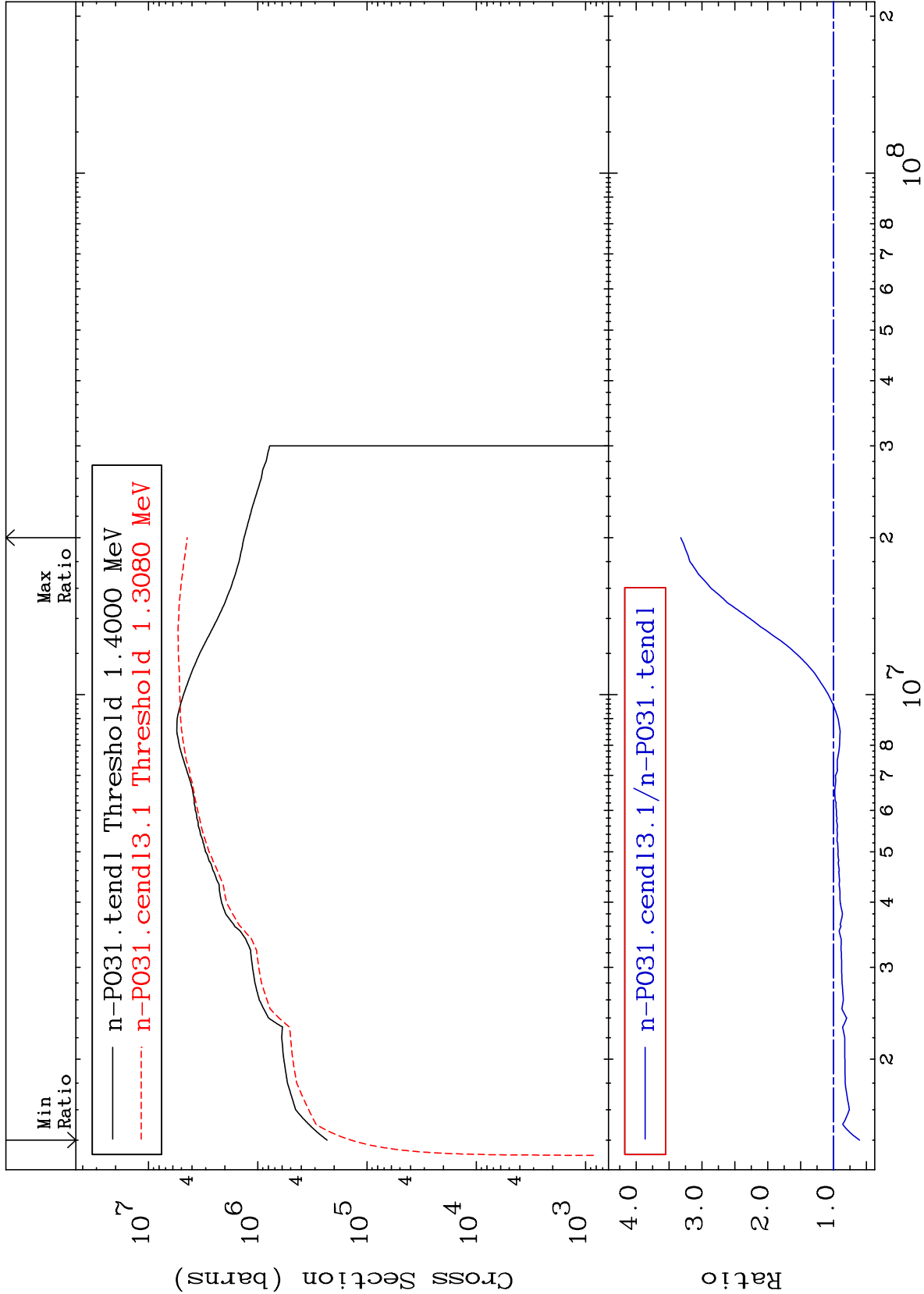


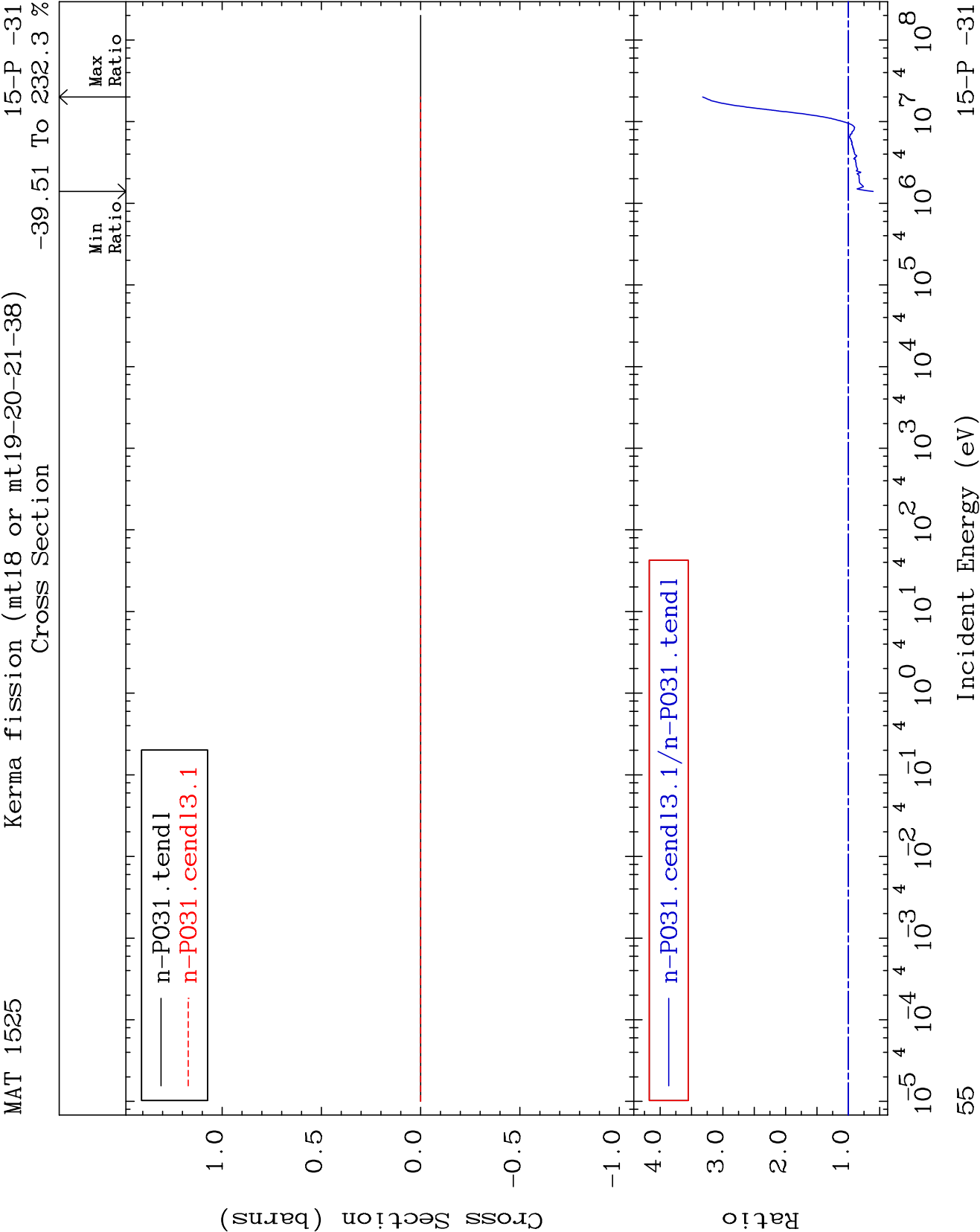


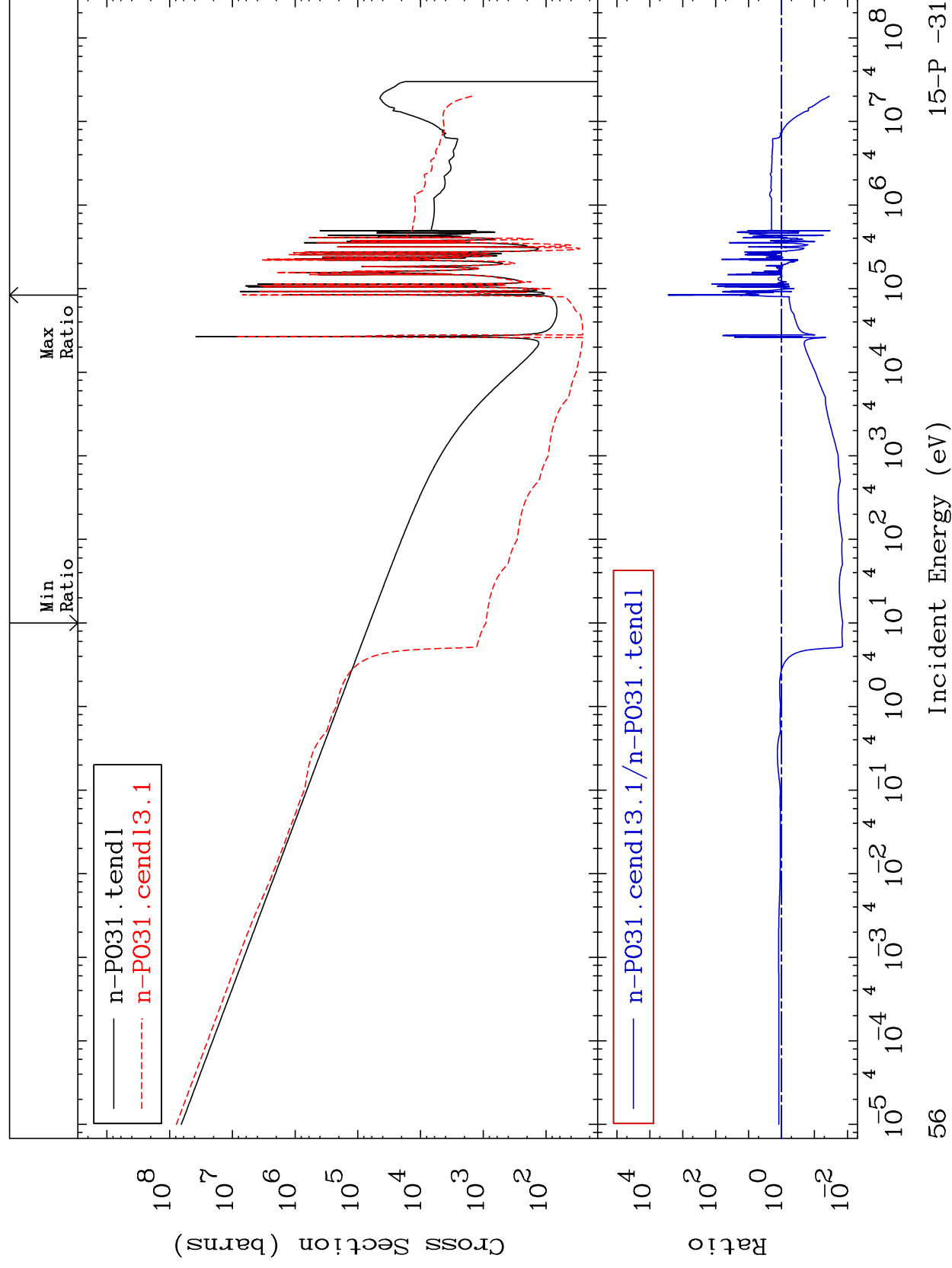
Cross Section

-98.60 To 9999. %



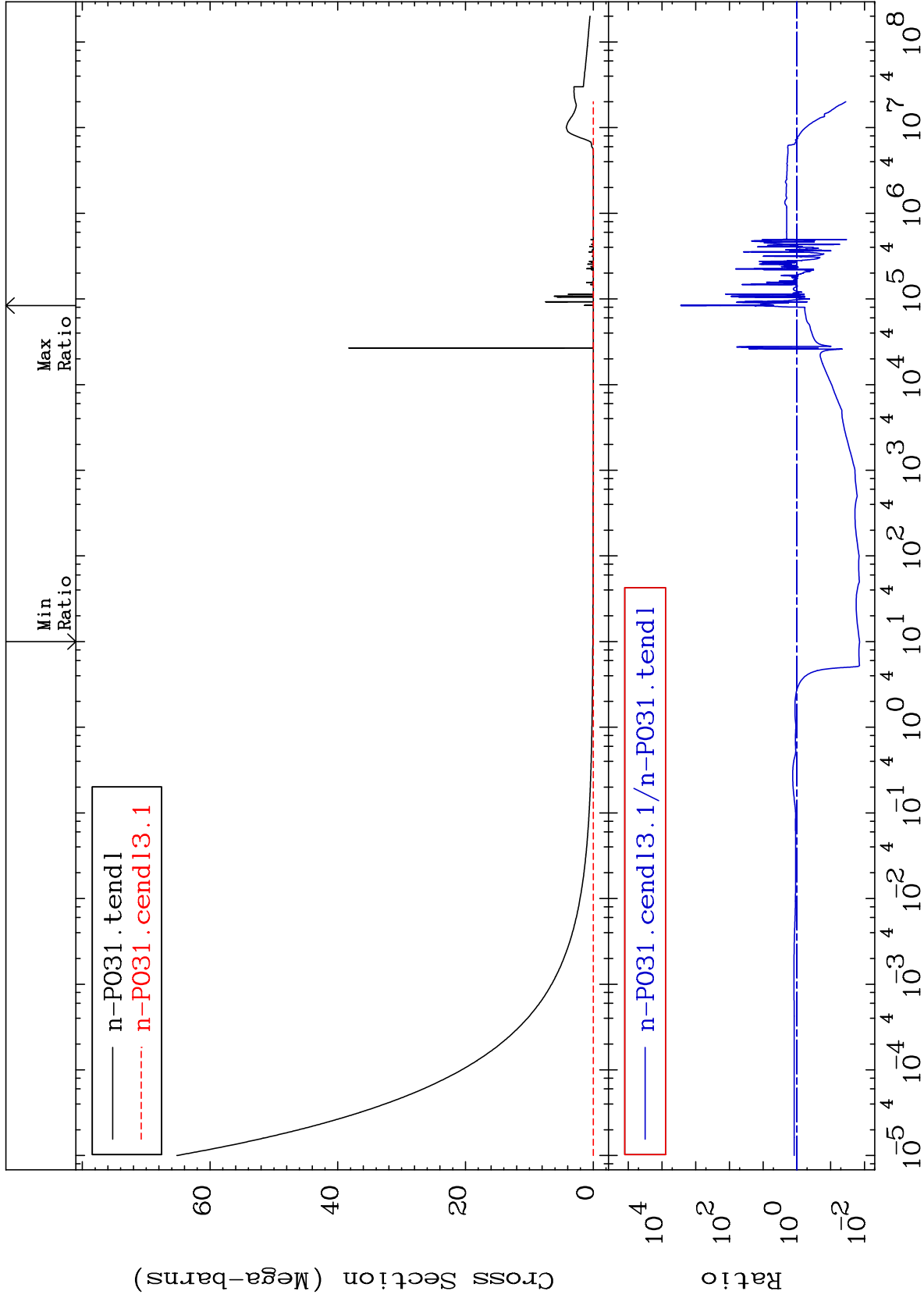


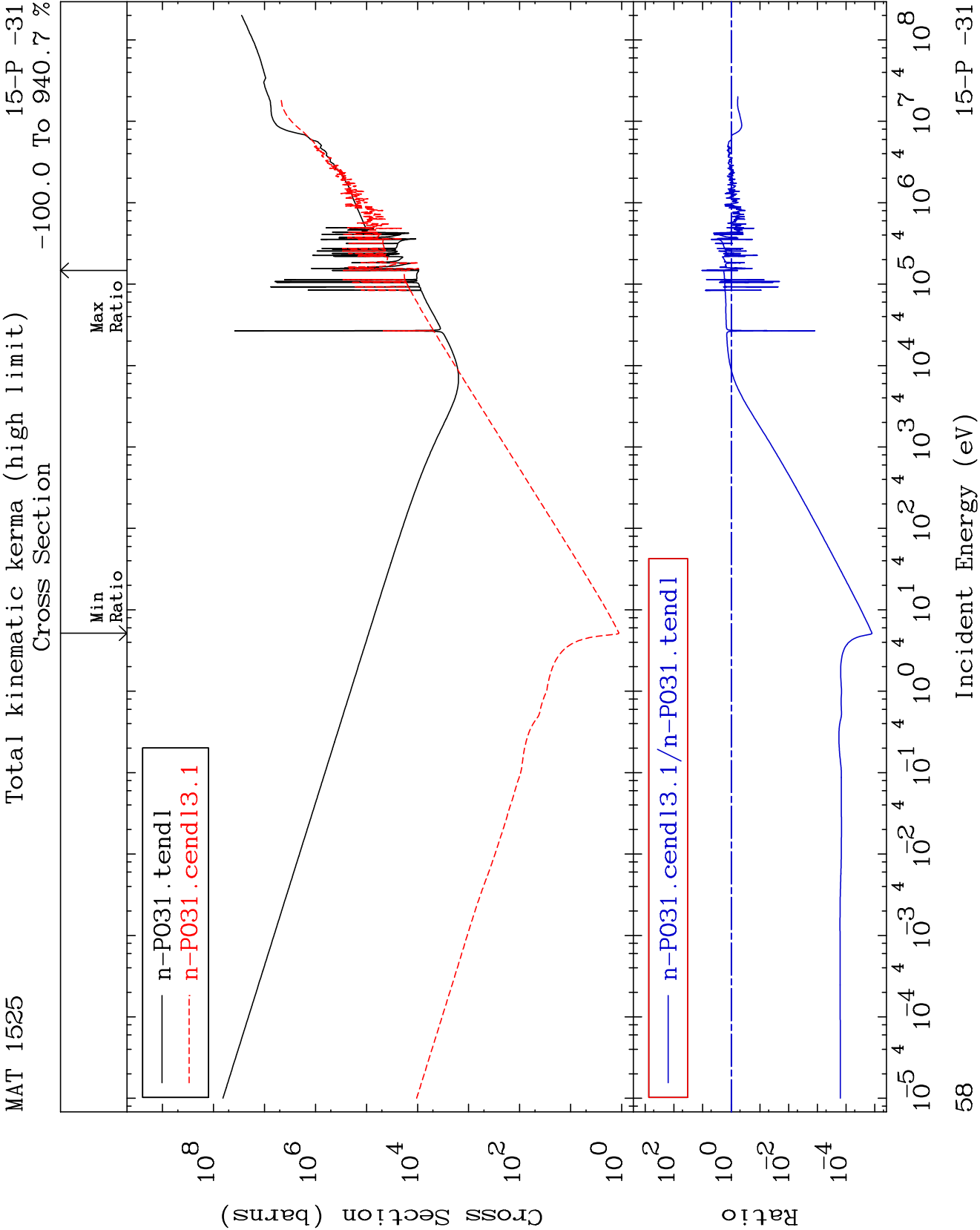


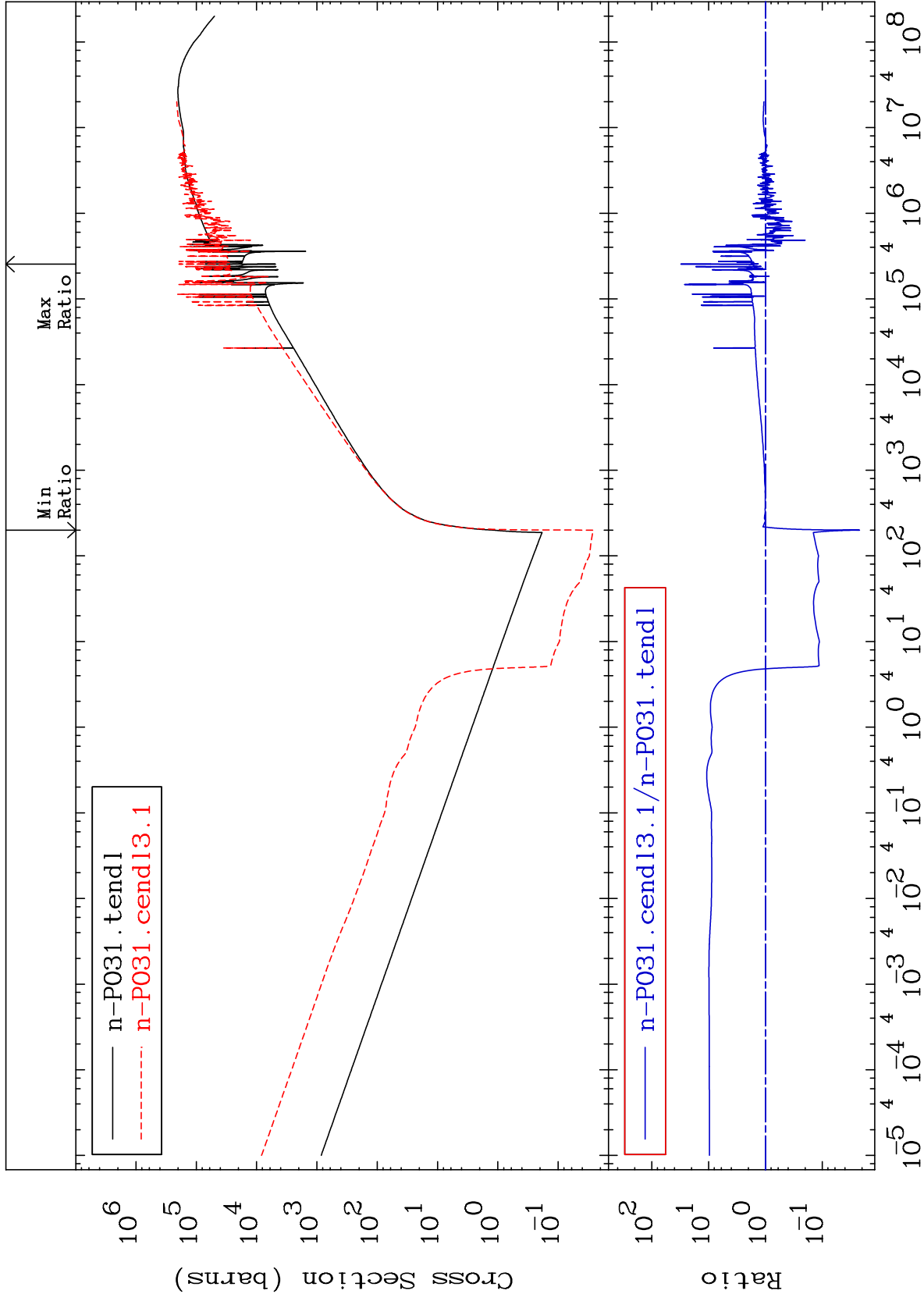


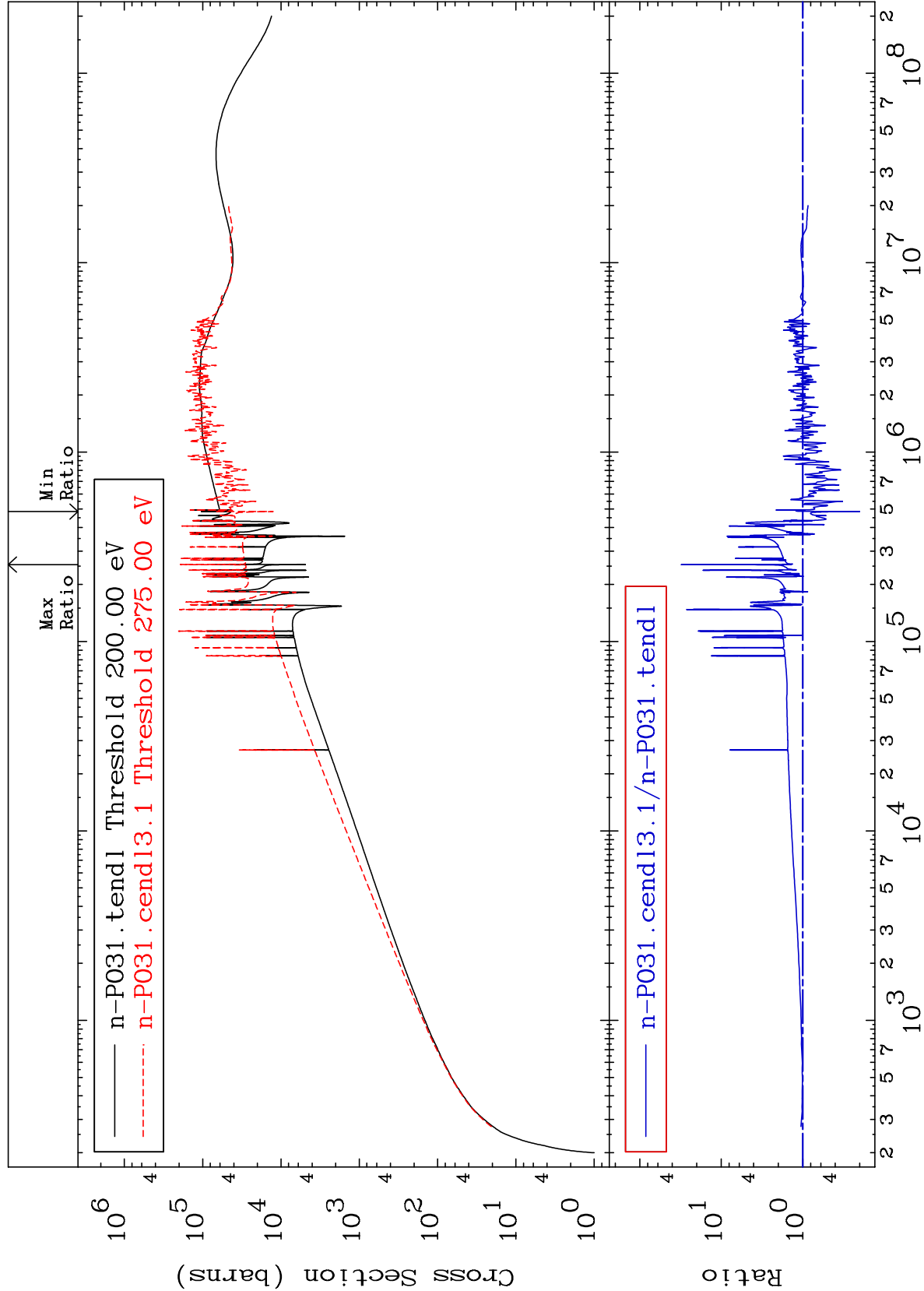
Cross Section

-98.60 To 9999. %









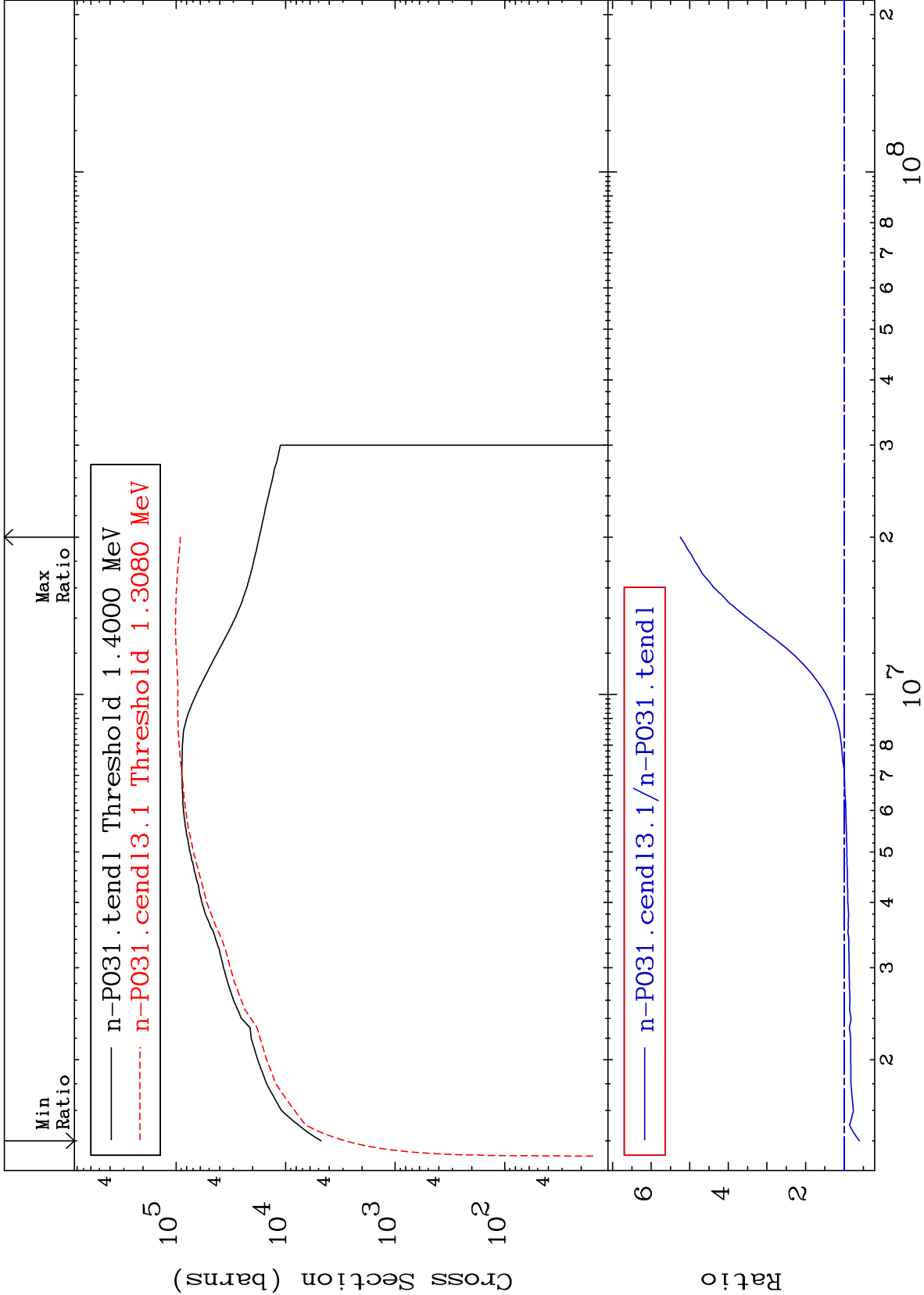
MAT 1525

Dpa inelastic (mt51-91)

15-P -31

-39.66 To 424.4 %

Cross Section



Cross Section

-88.68 To 9999. %

