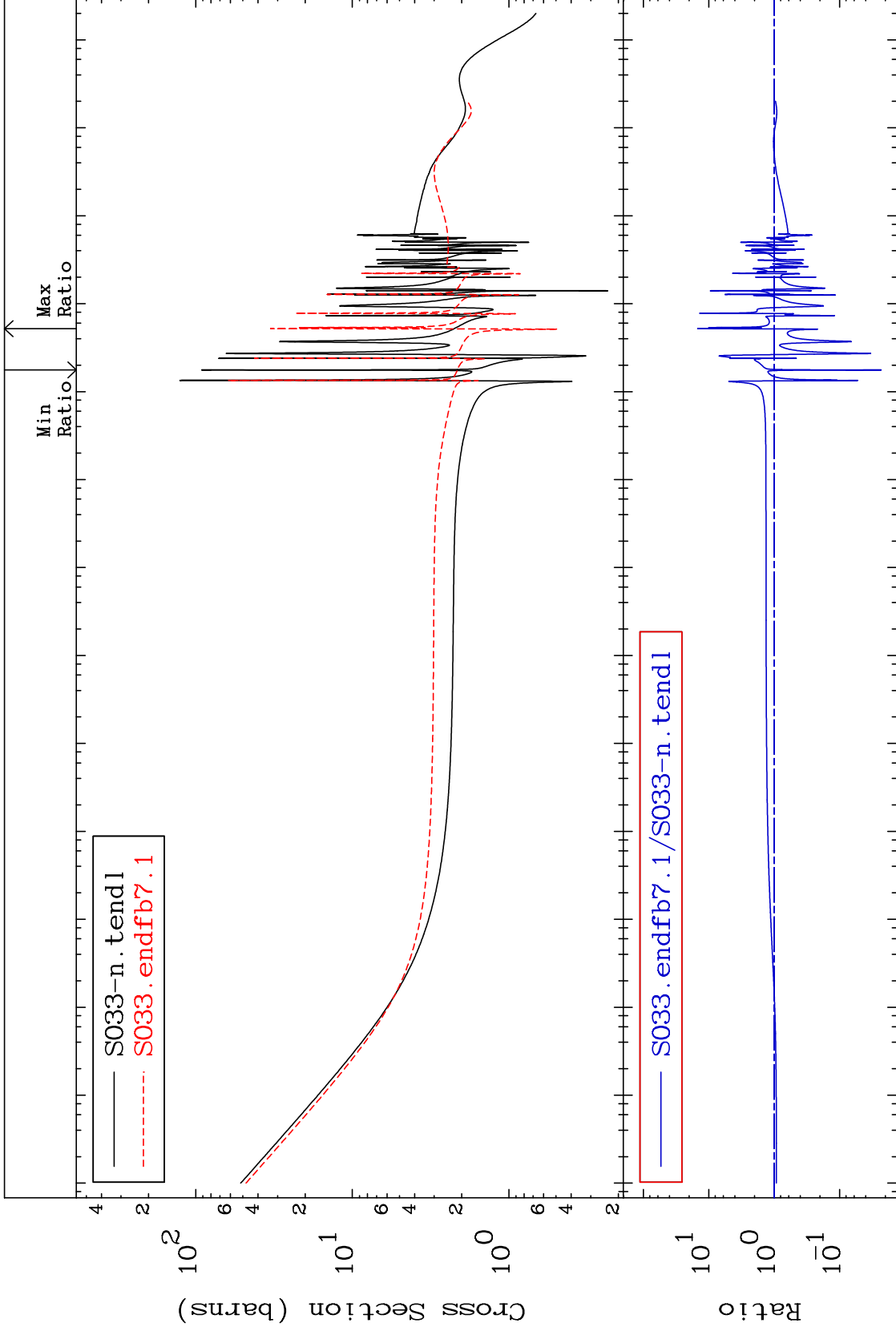


MAT 1628

Total
Cross Section

16-S -33
-97.67 To 1390. %



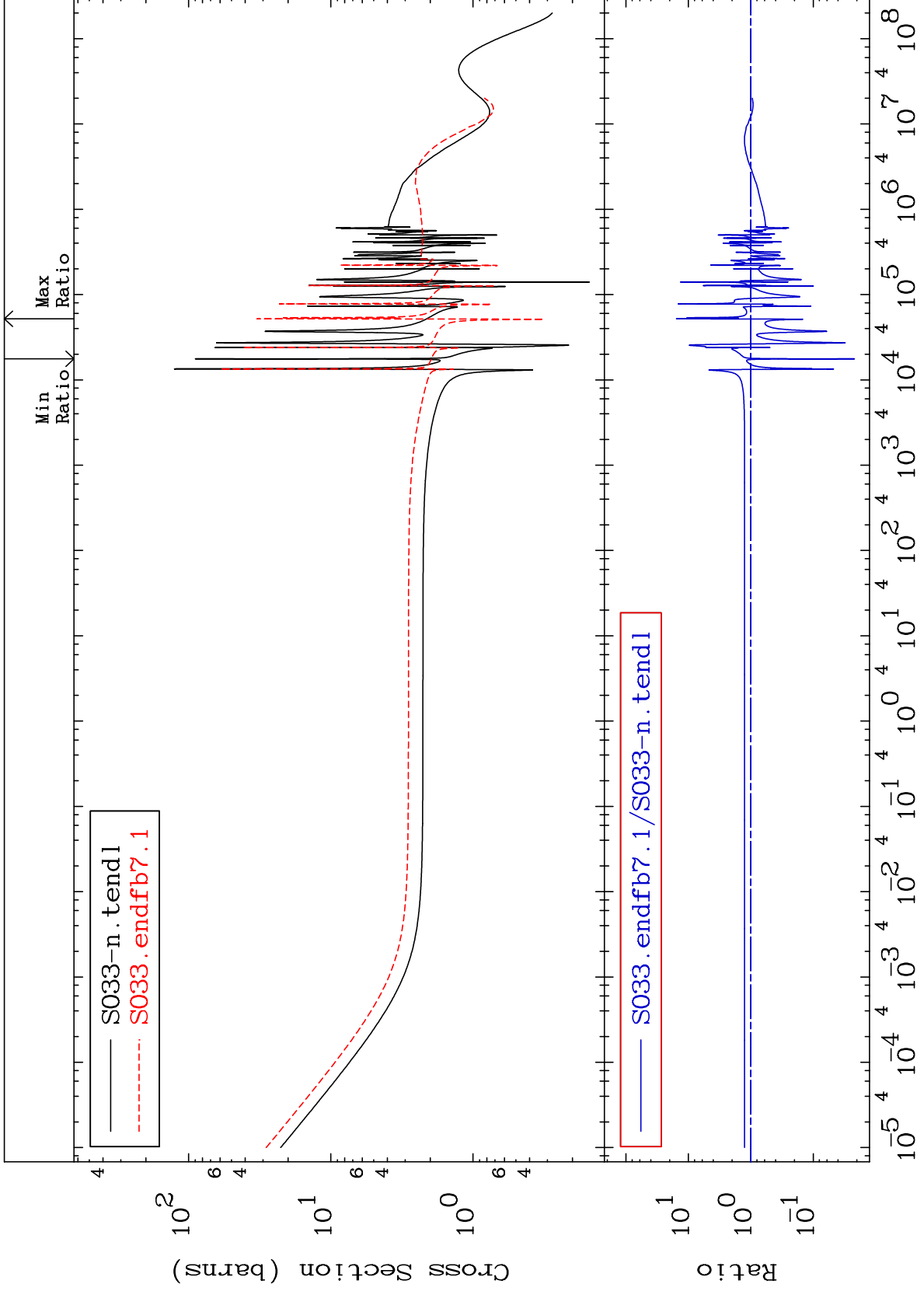
Incident Energy (eV)

16-S -33

MAT 1628

Elastic
Cross Section

16-S -33
-97.81 To 1461. %



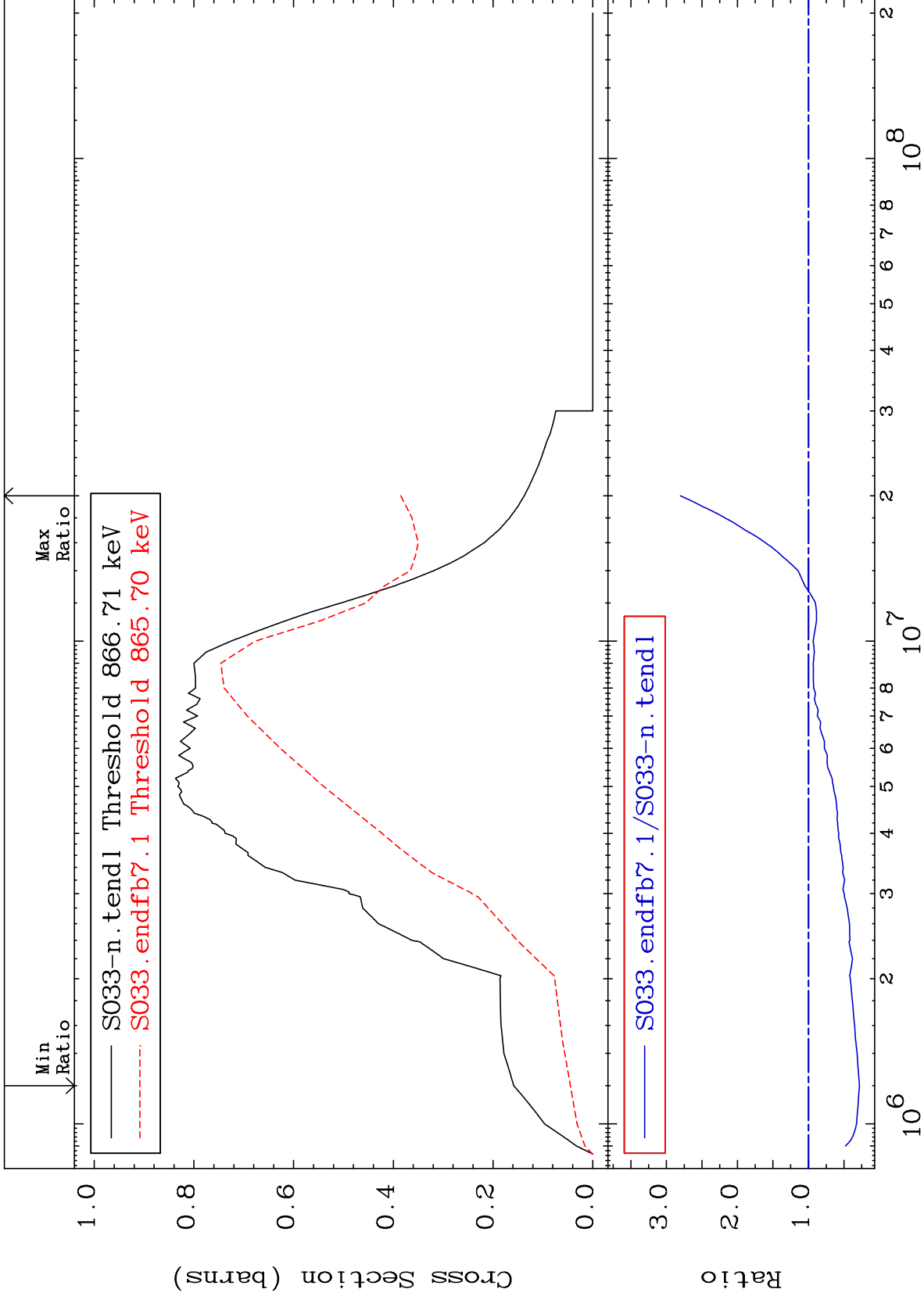
Incident Energy (eV)

16-S -33

MAT 1628

Inelastic
Cross Section

16-S -33
-71.76 To 180.4 %



3

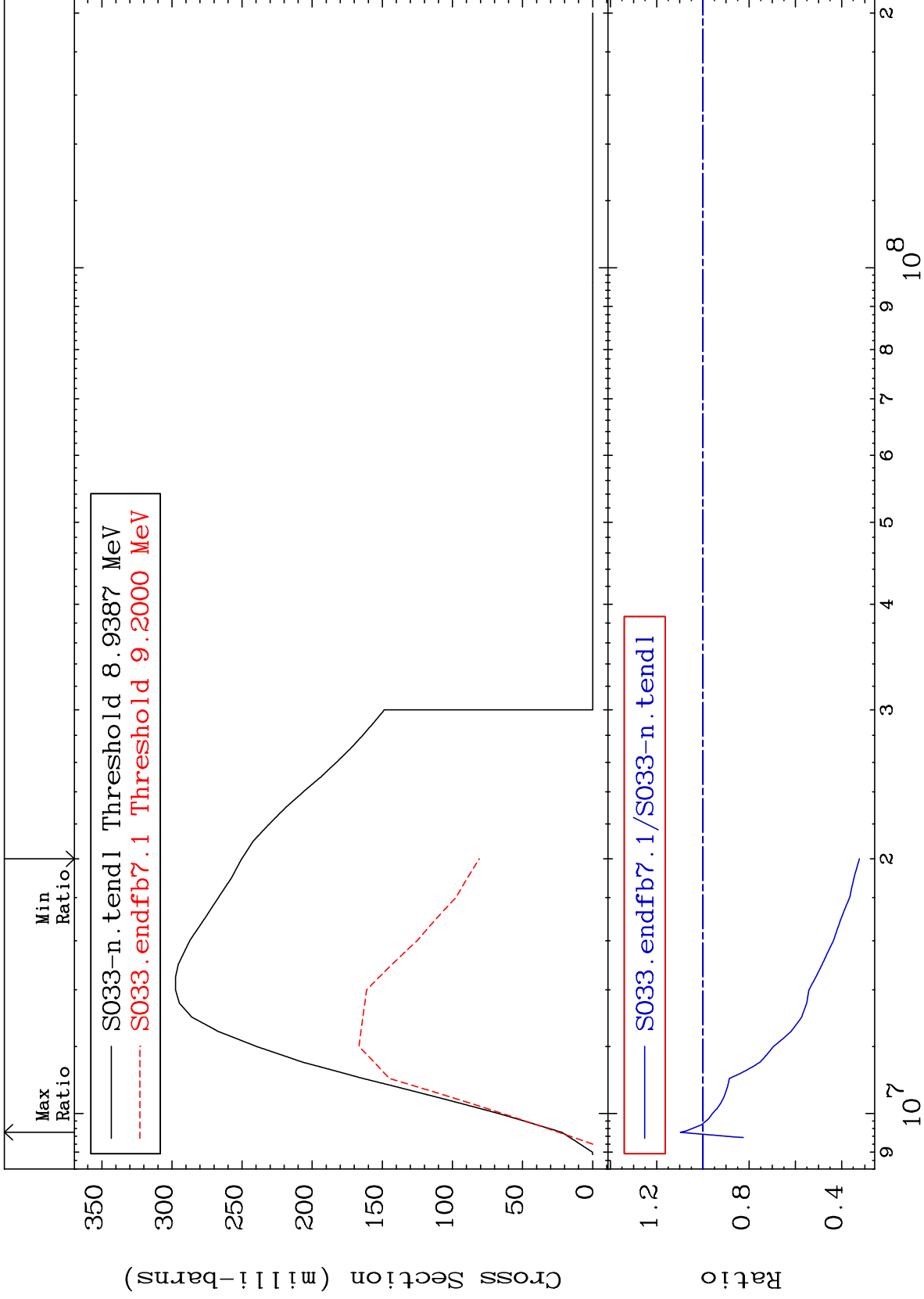
Incident Energy (eV)

16-S -33

MAT 1628

(n,2n)
Cross Section

16-S -33
-67.68 To 9.755 %

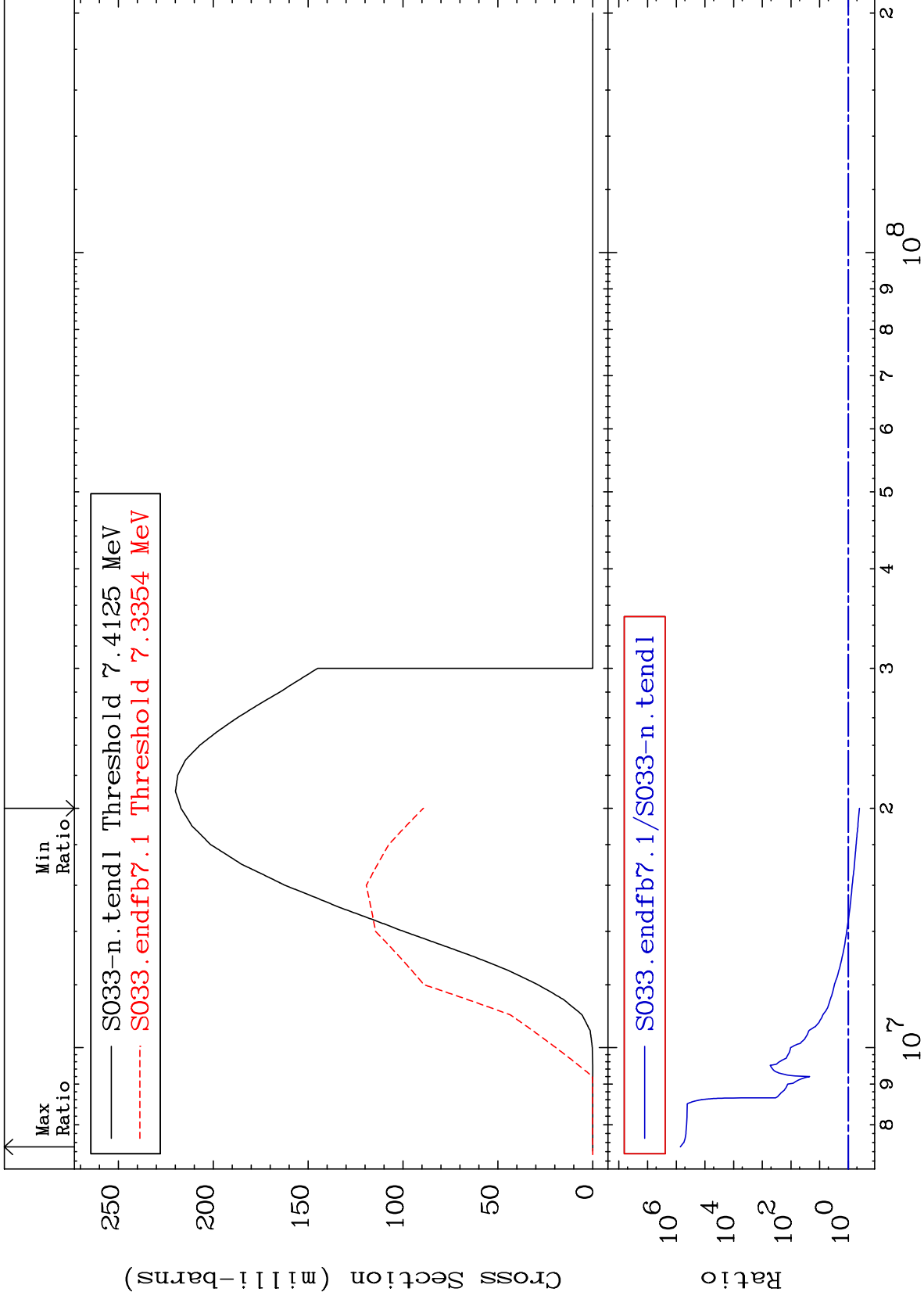


16-S -33

MAT 1628

(n, n') α
Cross Section

16-S -33
-58.87 To 9999. %



5

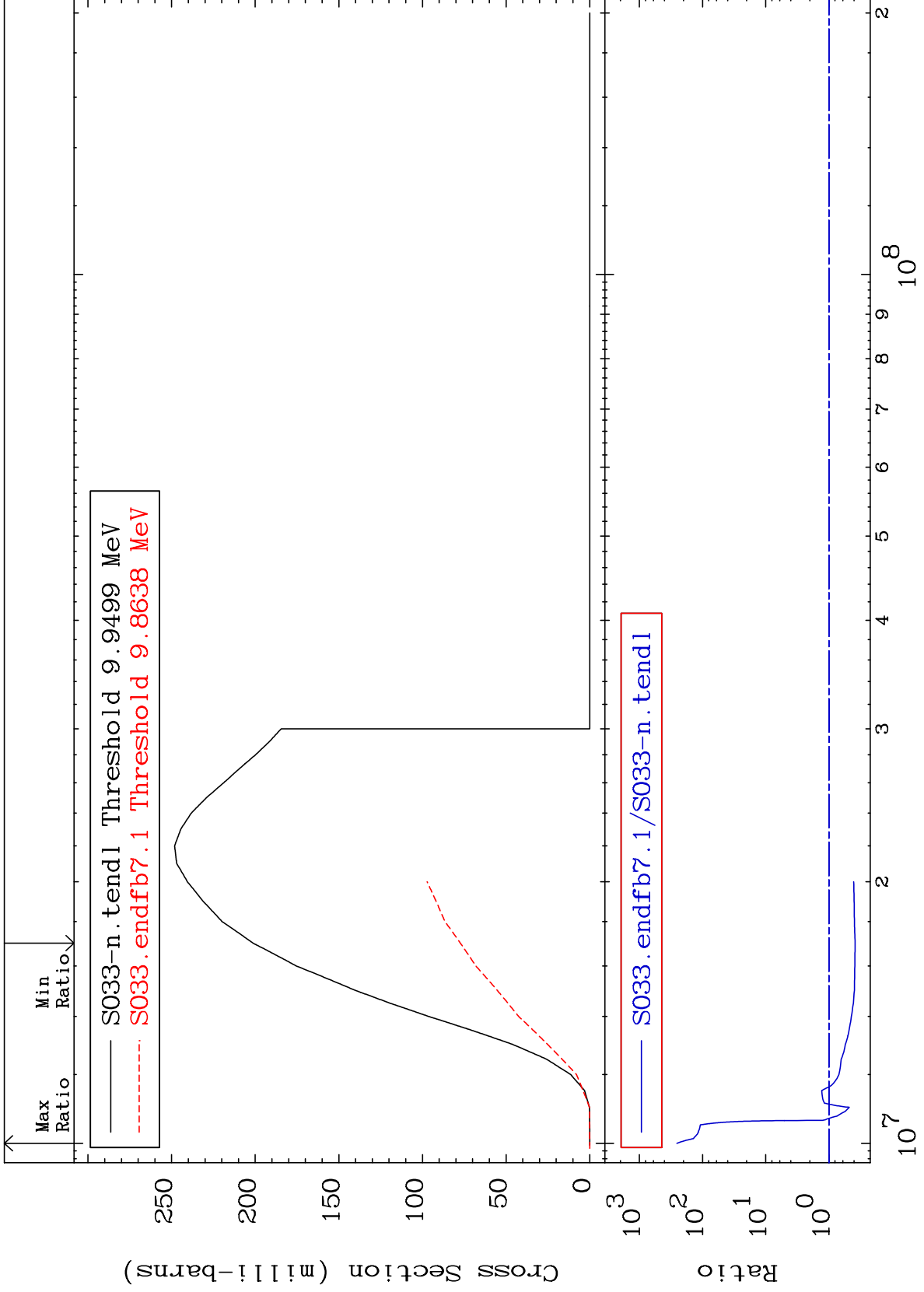
Incident Energy (eV)

16-S -33

MAT 1628

(n,n') p
Cross Section

16-S -33
-61.59 To 9999. %



Incident Energy (eV)

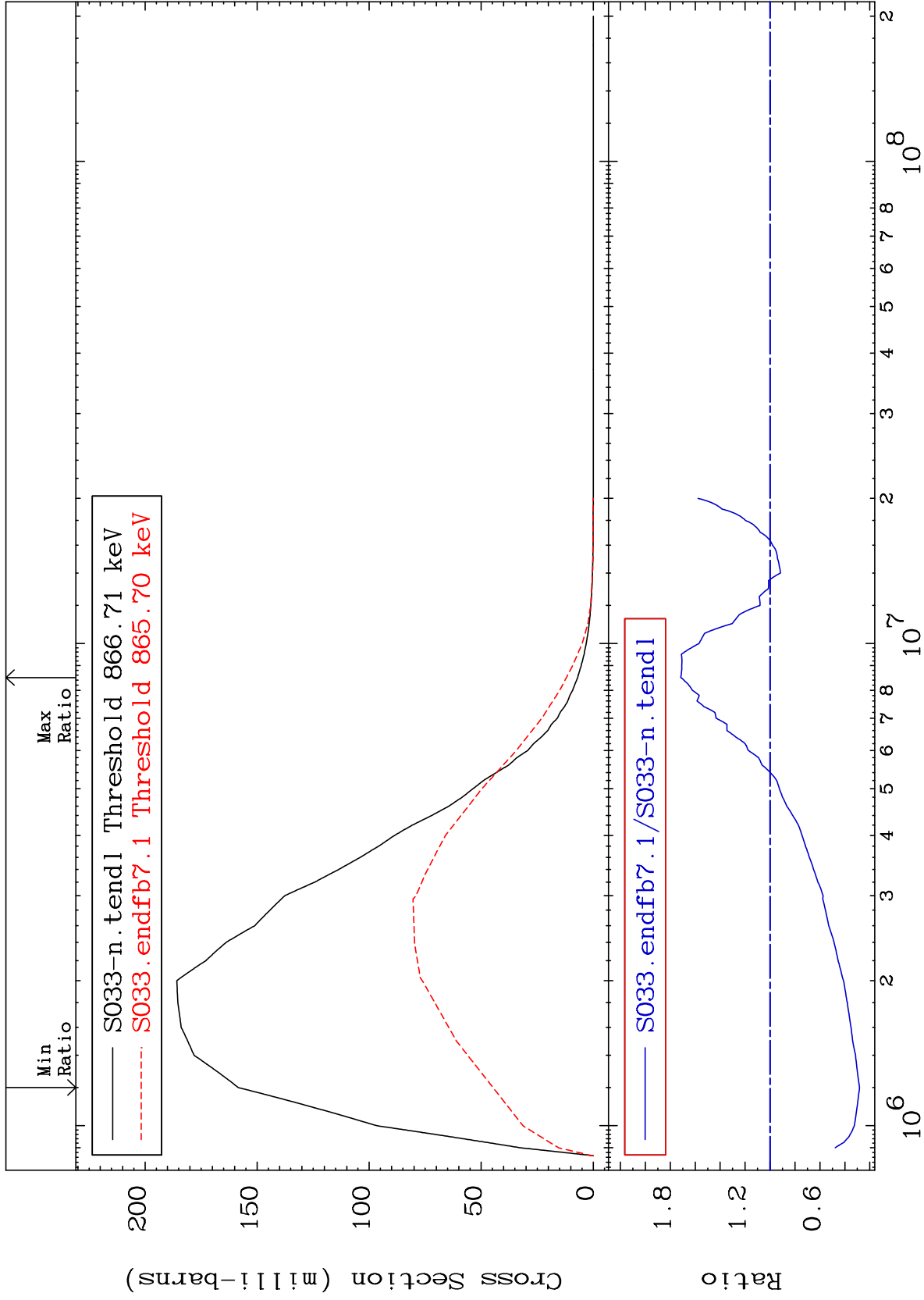
16-S -33

MAT 1628

841.0 keV (n,n') Level

16-S -33

-71.76 To 71.58 %



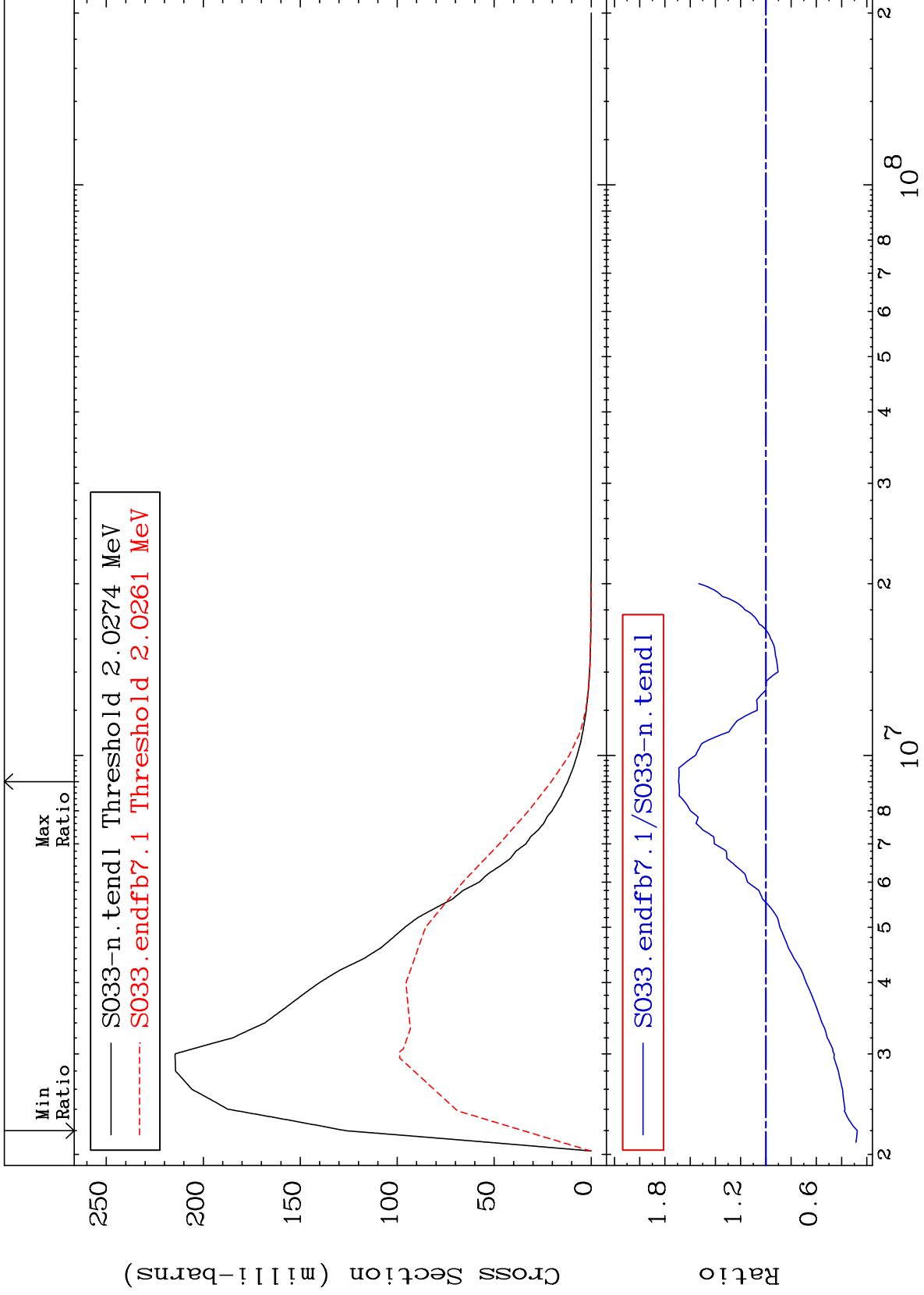
Incident Energy (eV)

16-S -33

MAT 1628

1.967 MeV (n,n') Level
Cross Section

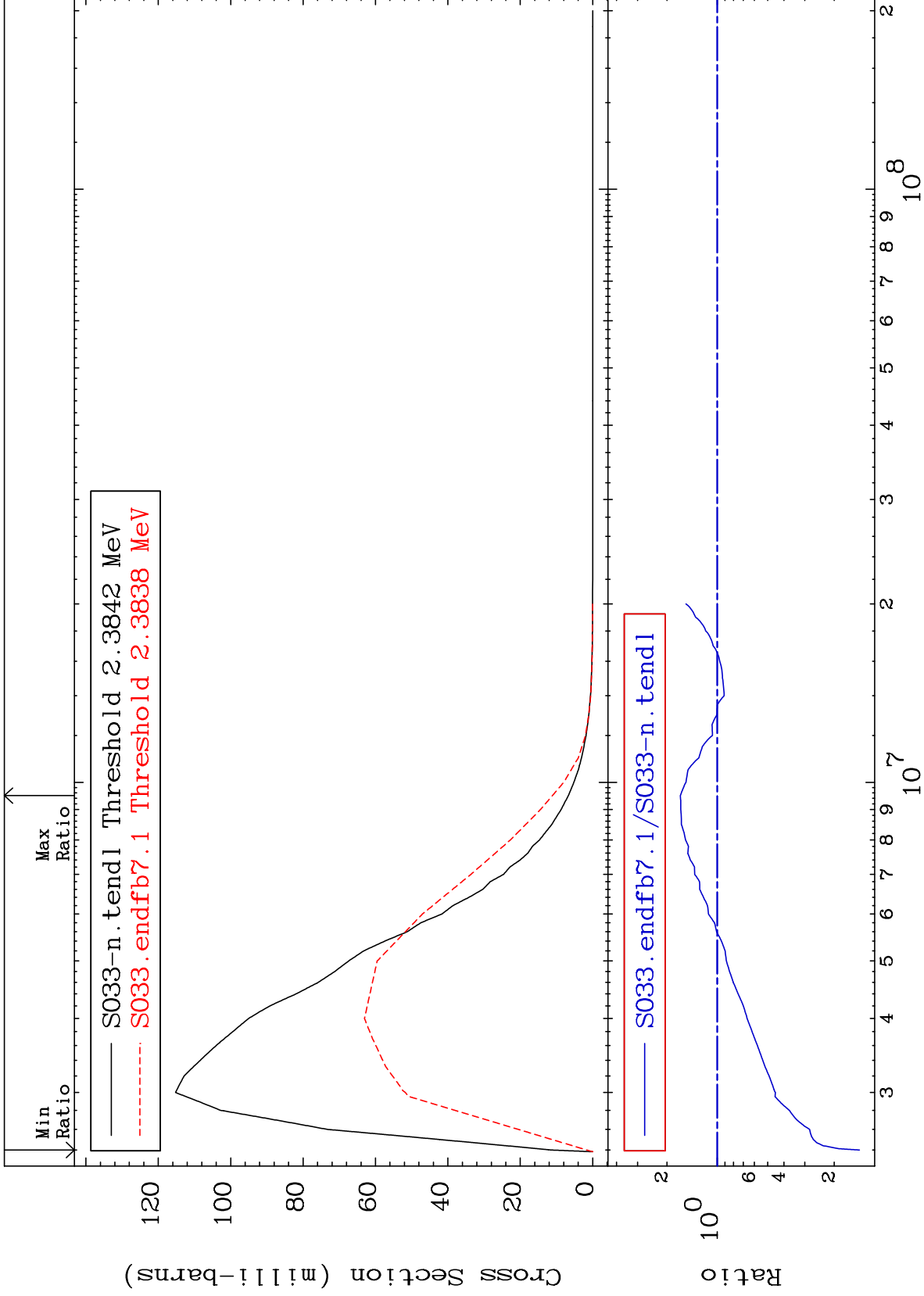
16-S -33
-72.39 To 69.16 %



MAT 1628

2.313 MeV (n,n') Level
Cross Section

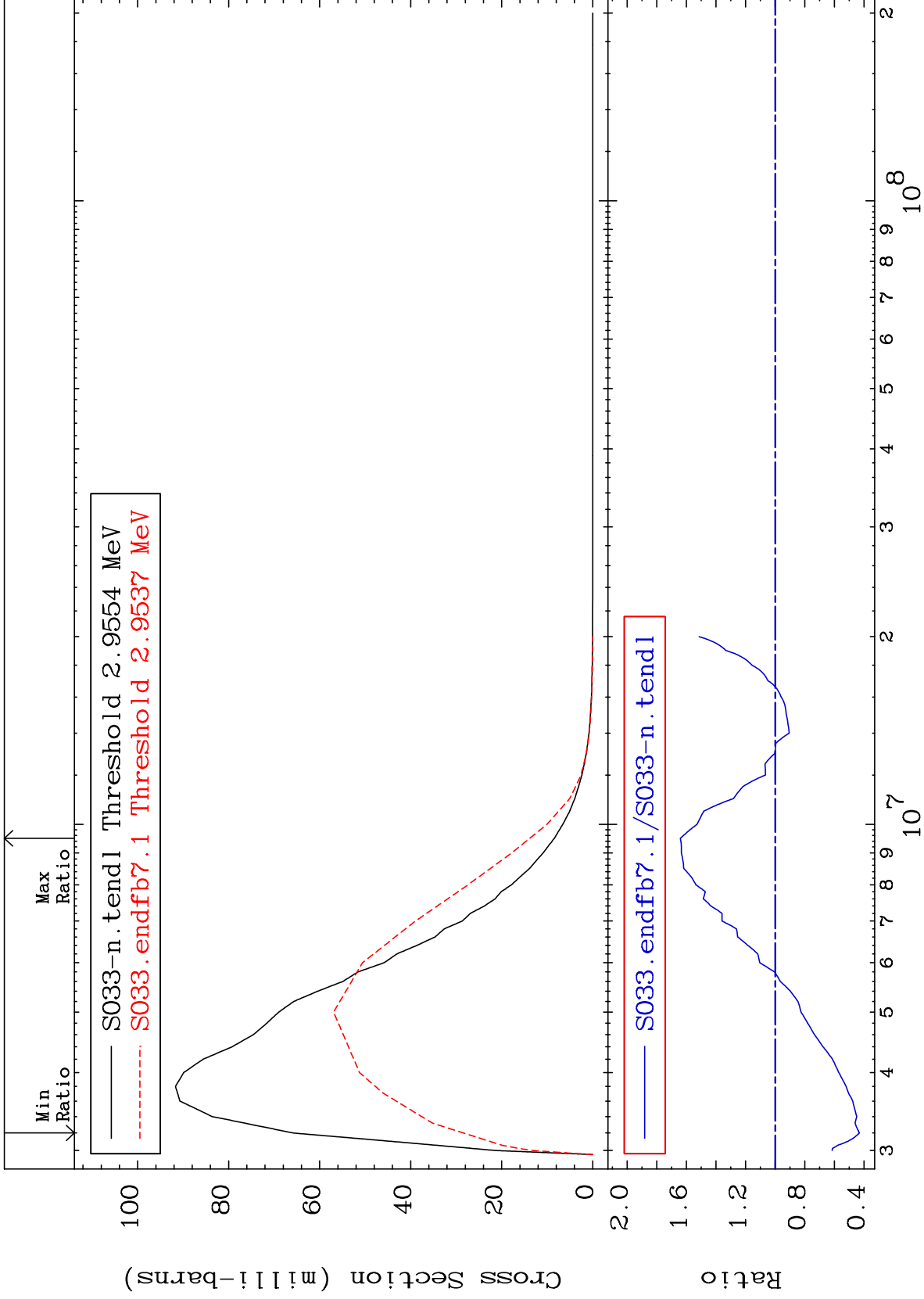
16-S -33
-85.86 To 66.28 %



MAT 1628

2.868 MeV (n,n') Level
Cross Section

16-S -33
-56.89 To 64.07 %



10

Incident Energy (eV)

16-S -33

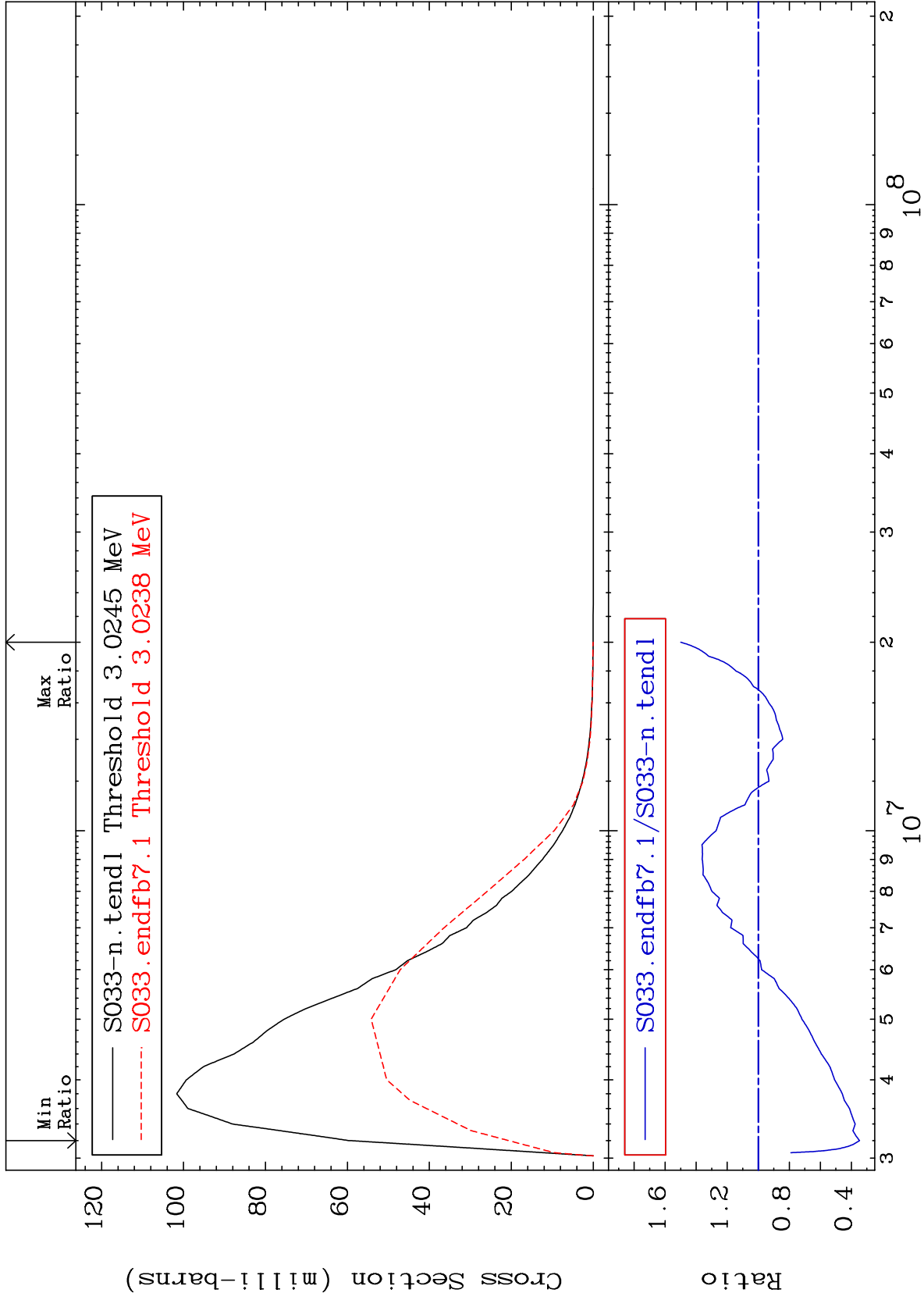
MAT 1628

2.935 MeV (n,n') Level

16-S -33

-65.29 To 49.96 %

Cross Section



11

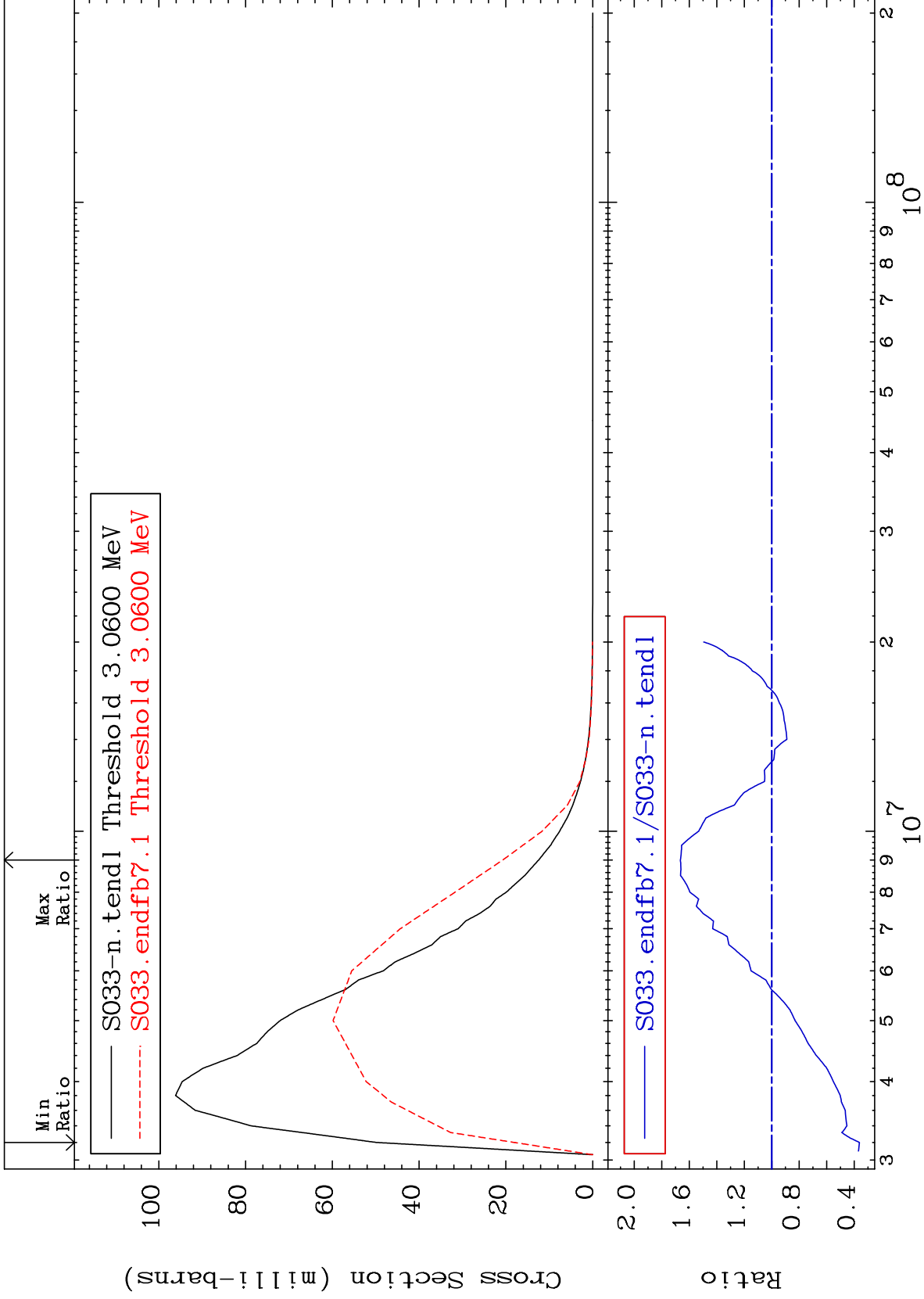
Incident Energy (eV)

16-S -33

MAT 1628

2.969 MeV (n,n') Level
Cross Section

16-S -33
-63.75 To 66.45 %



12

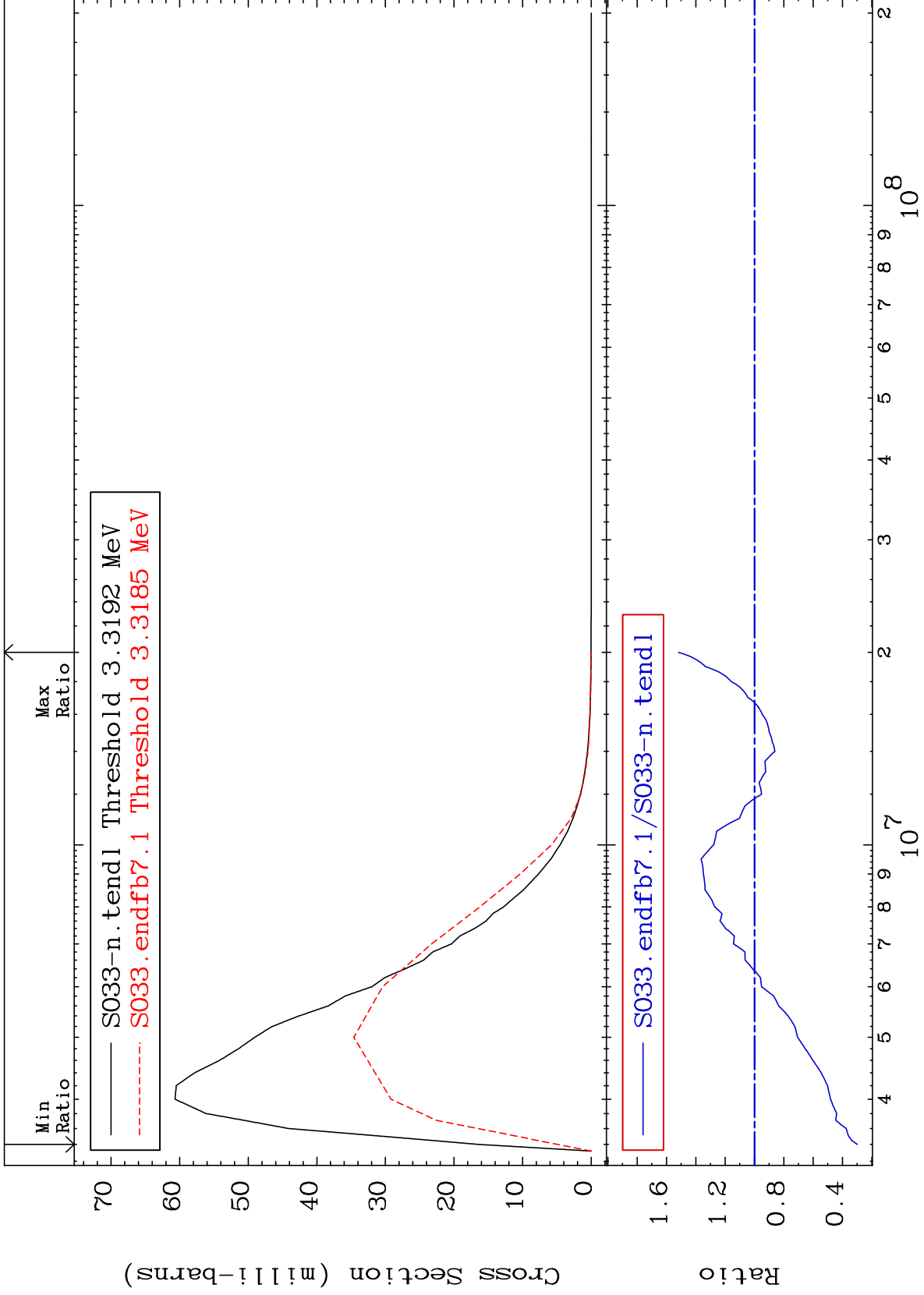
Incident Energy (eV)

16-S -33

MAT 1628

3.221 MeV (n,n') Level
Cross Section

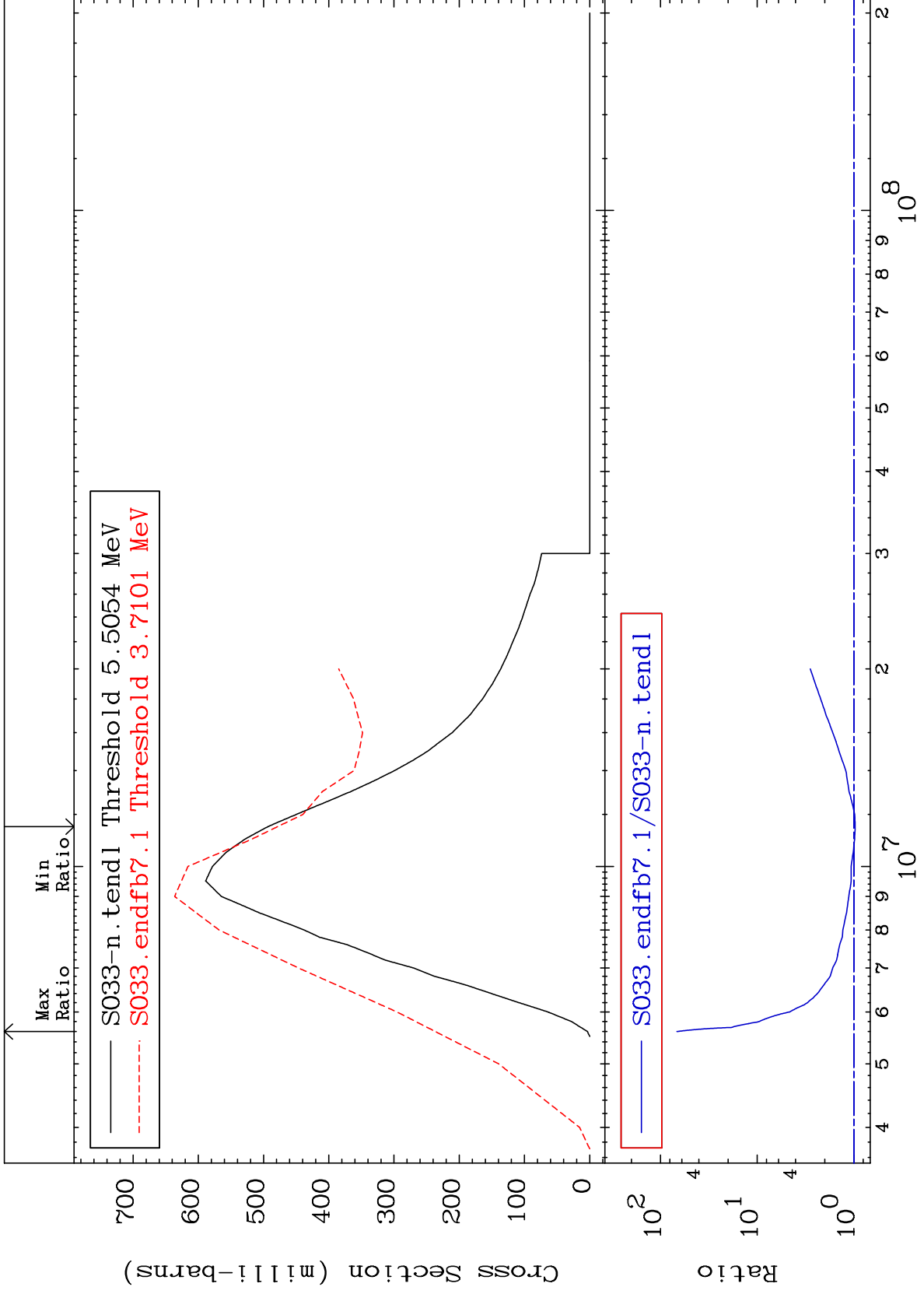
16-S -33
-70.09 To 51.69 %



MAT 1628

(n, n') Continuum
Cross Section

16-S -33
-3.027 To 6654. %



14

Incident Energy (eV)

16-S -33

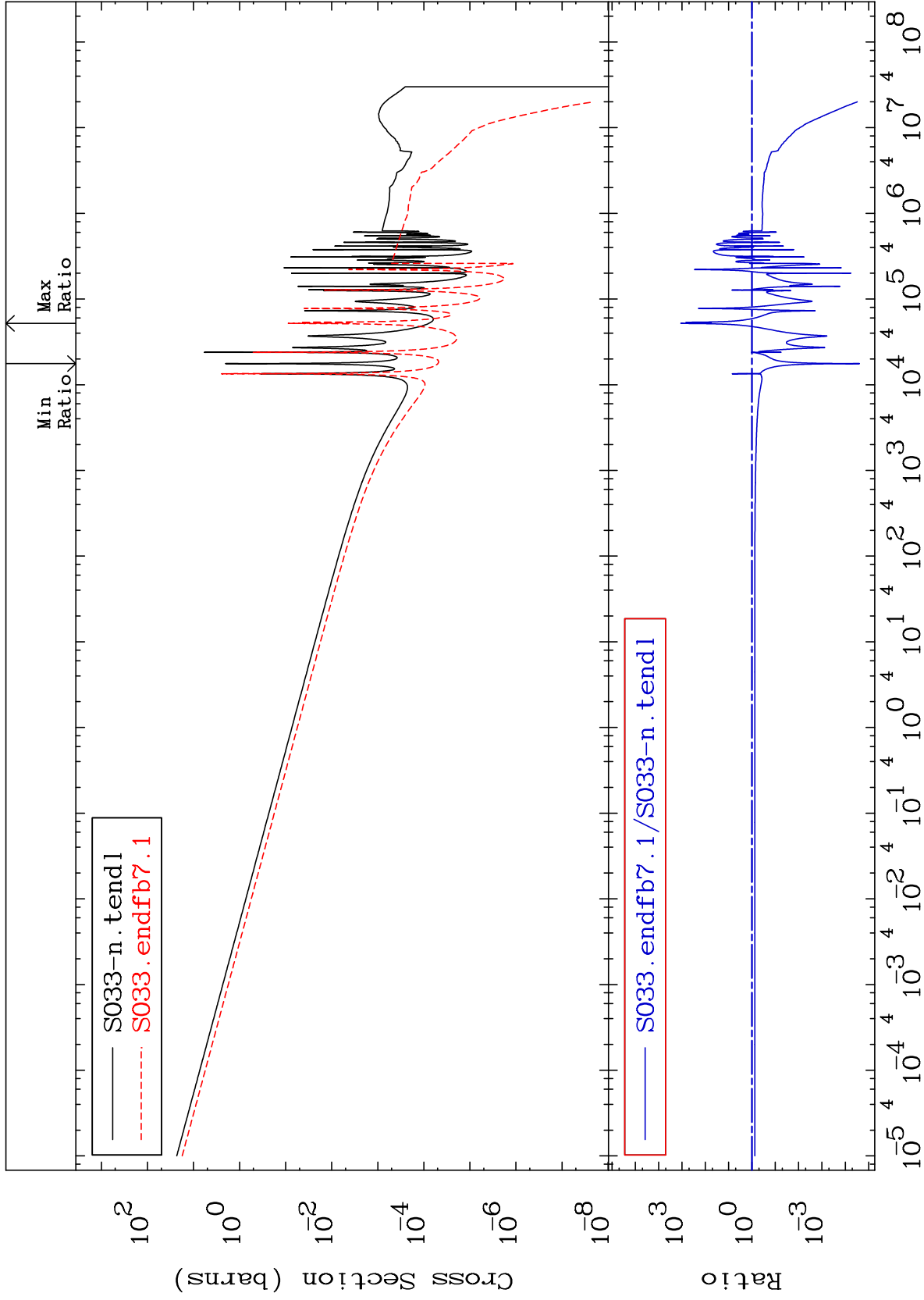
MAT 1628

(n, γ)

16-S -33

Cross Section

-100.0 To 9999. %



15

Incident Energy (eV)

16-S -33

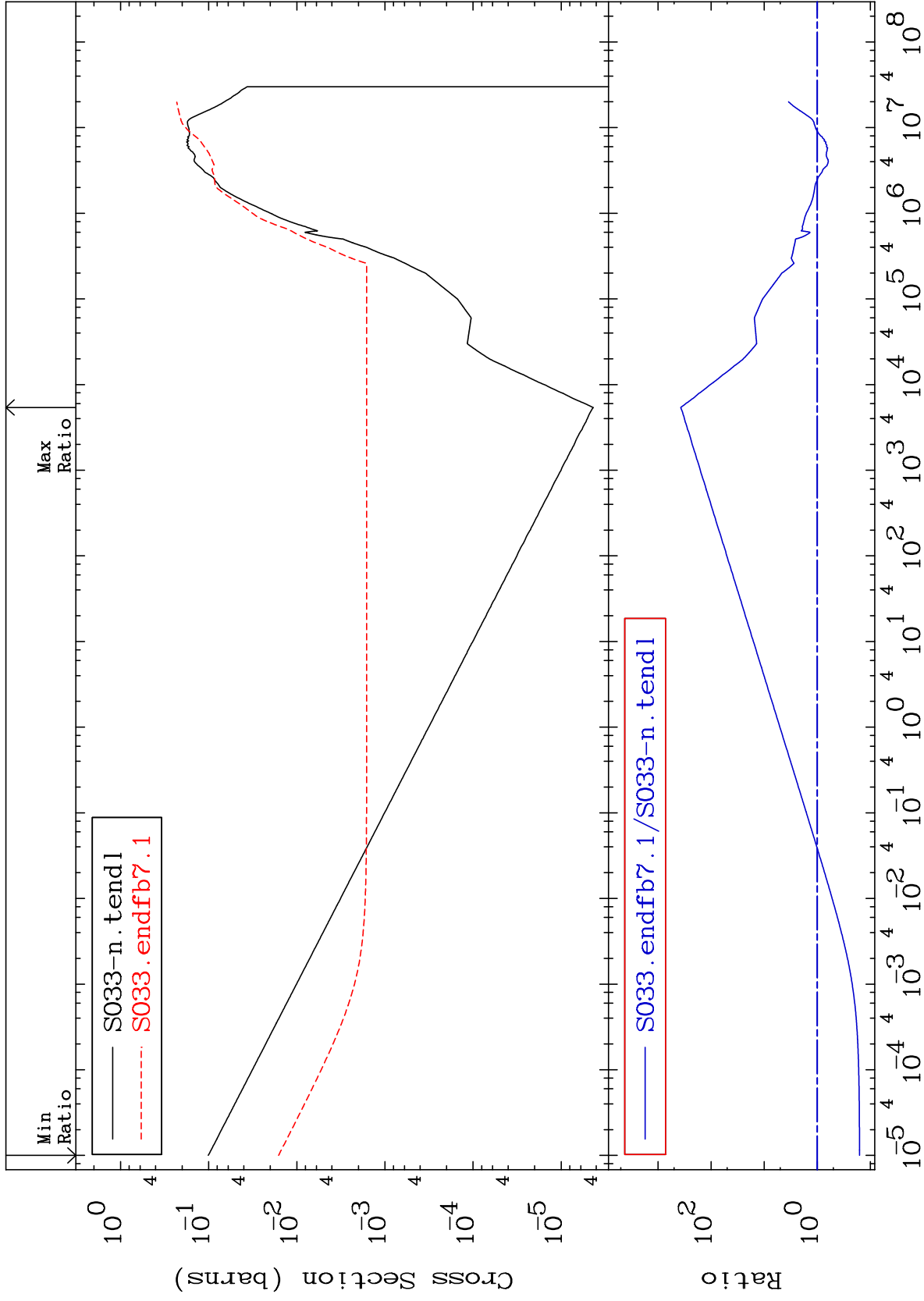
MAT 1628

(n,p)

Cross Section

16-S -33

-84.02 To 9999. %



16

Incident Energy (eV)

16-S -33

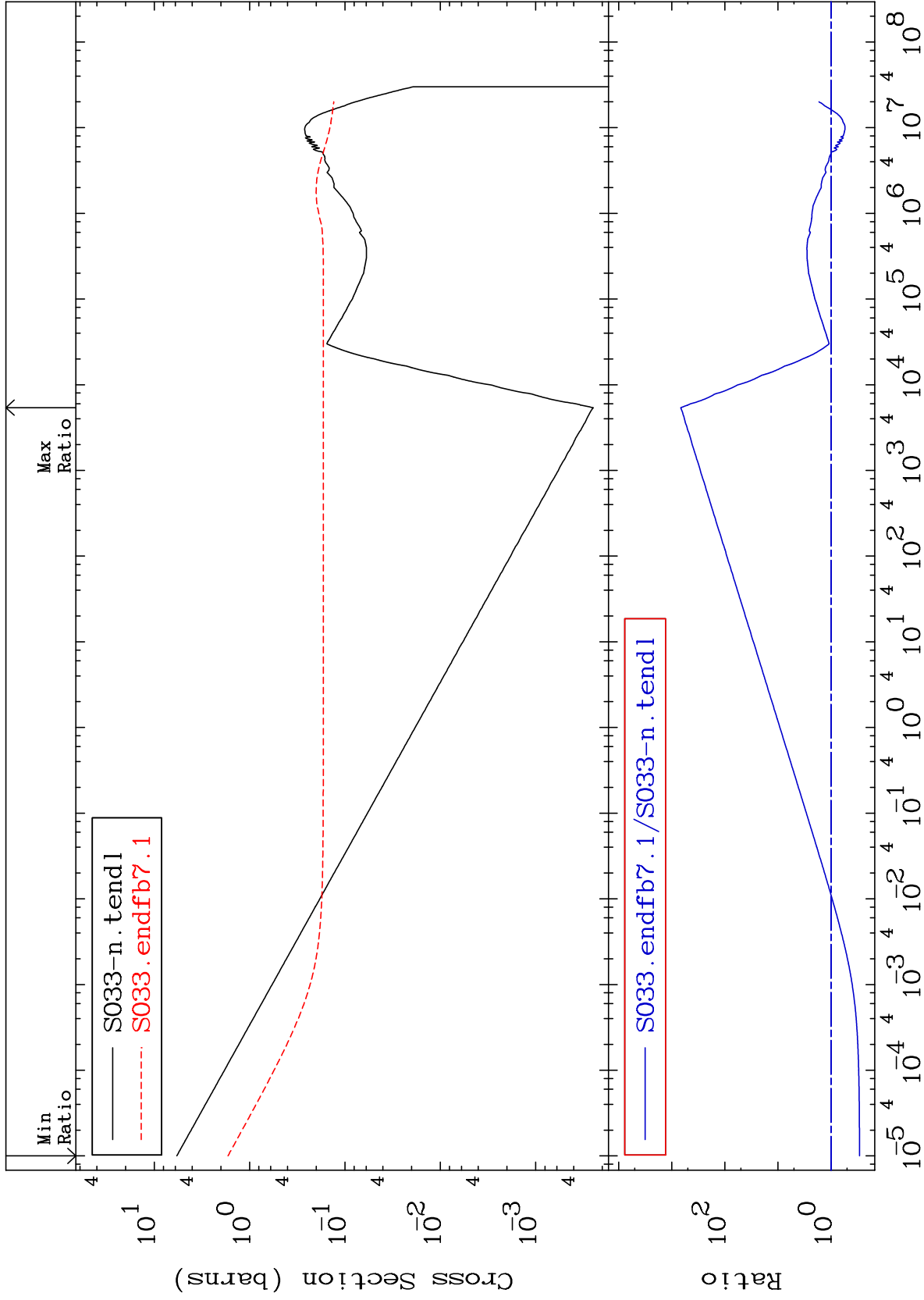
MAT 1628

(n, α)

Cross Section

16-S -33

-70.93 To 9999. %



17

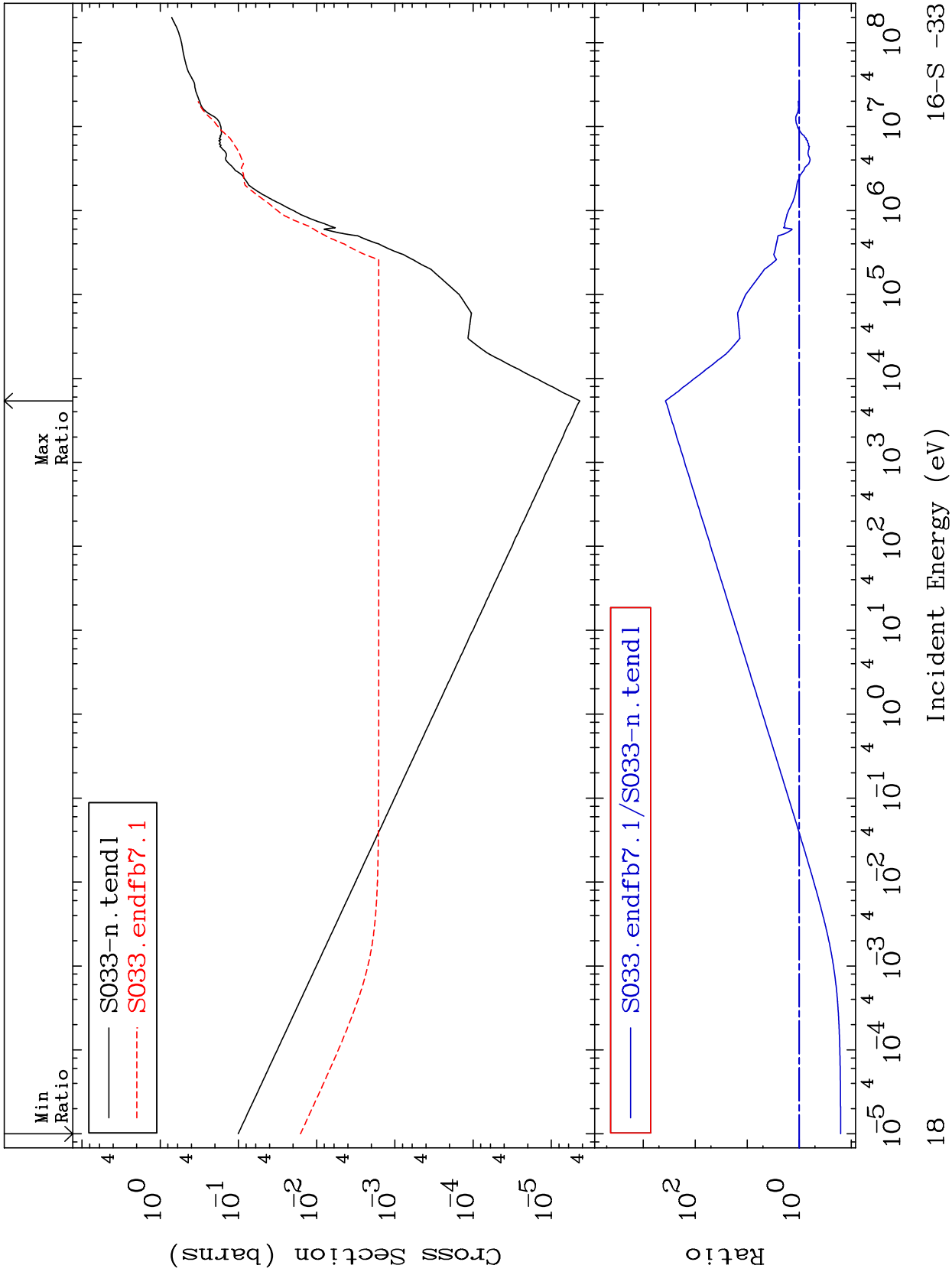
Incident Energy (eV)

16-S -33

MAT 1628

Hydrogen Production Cross Section

16-S -33
-84.02 To 9999. %



18

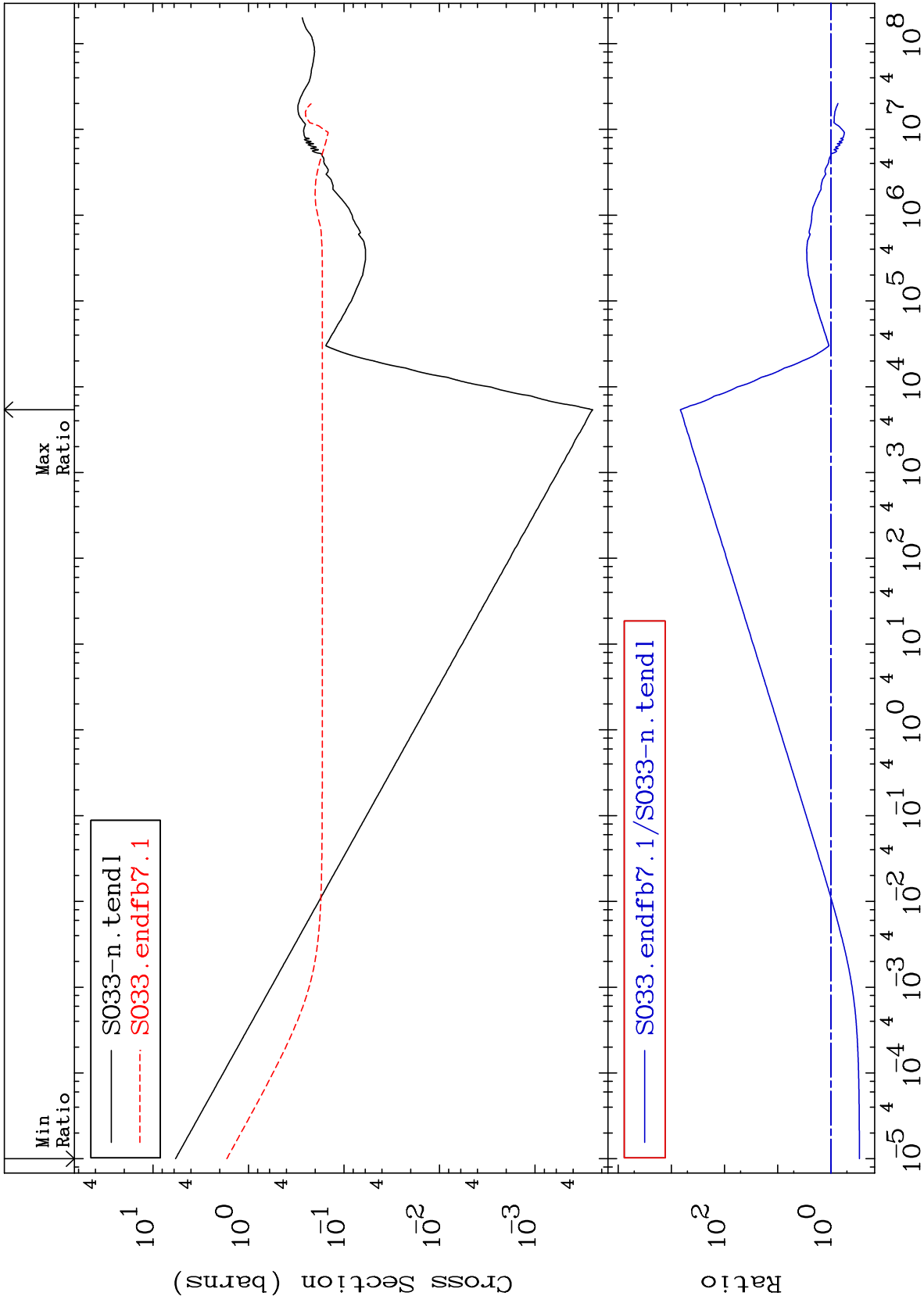
Incident Energy (eV)

16-S -33

MAT 1628

He-4 Production
Cross Section

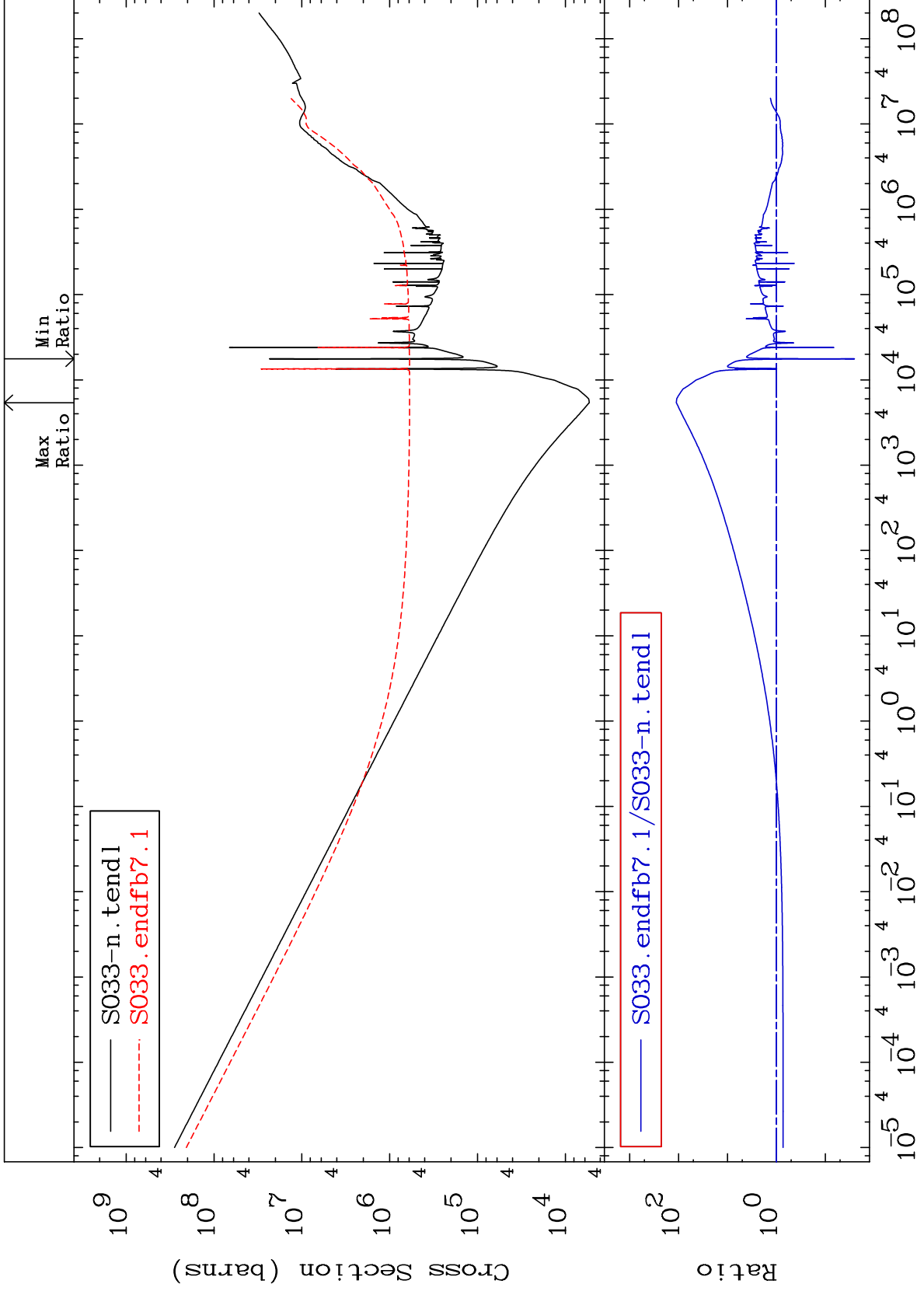
16-S -33
-70.93 To 9999. %

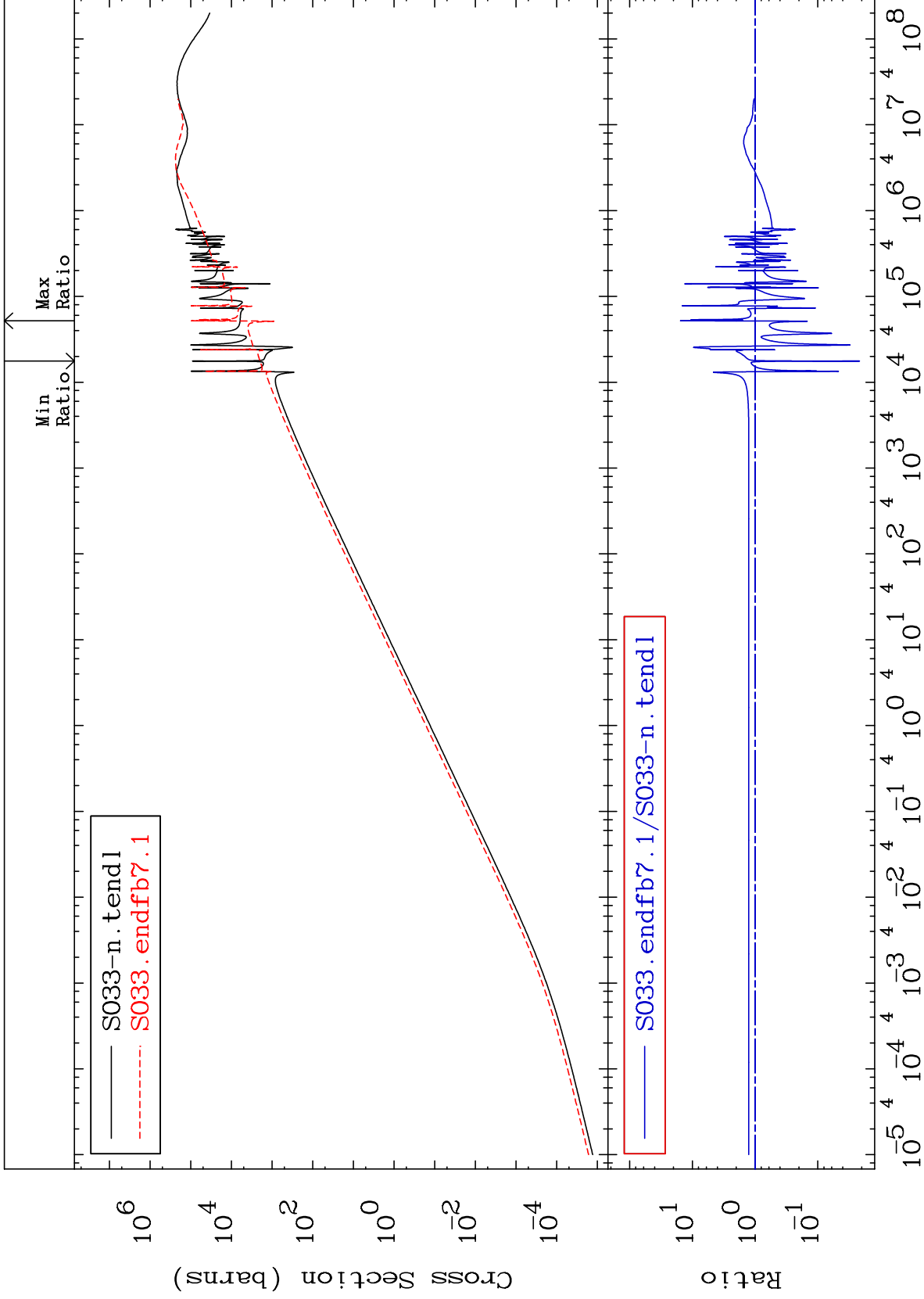


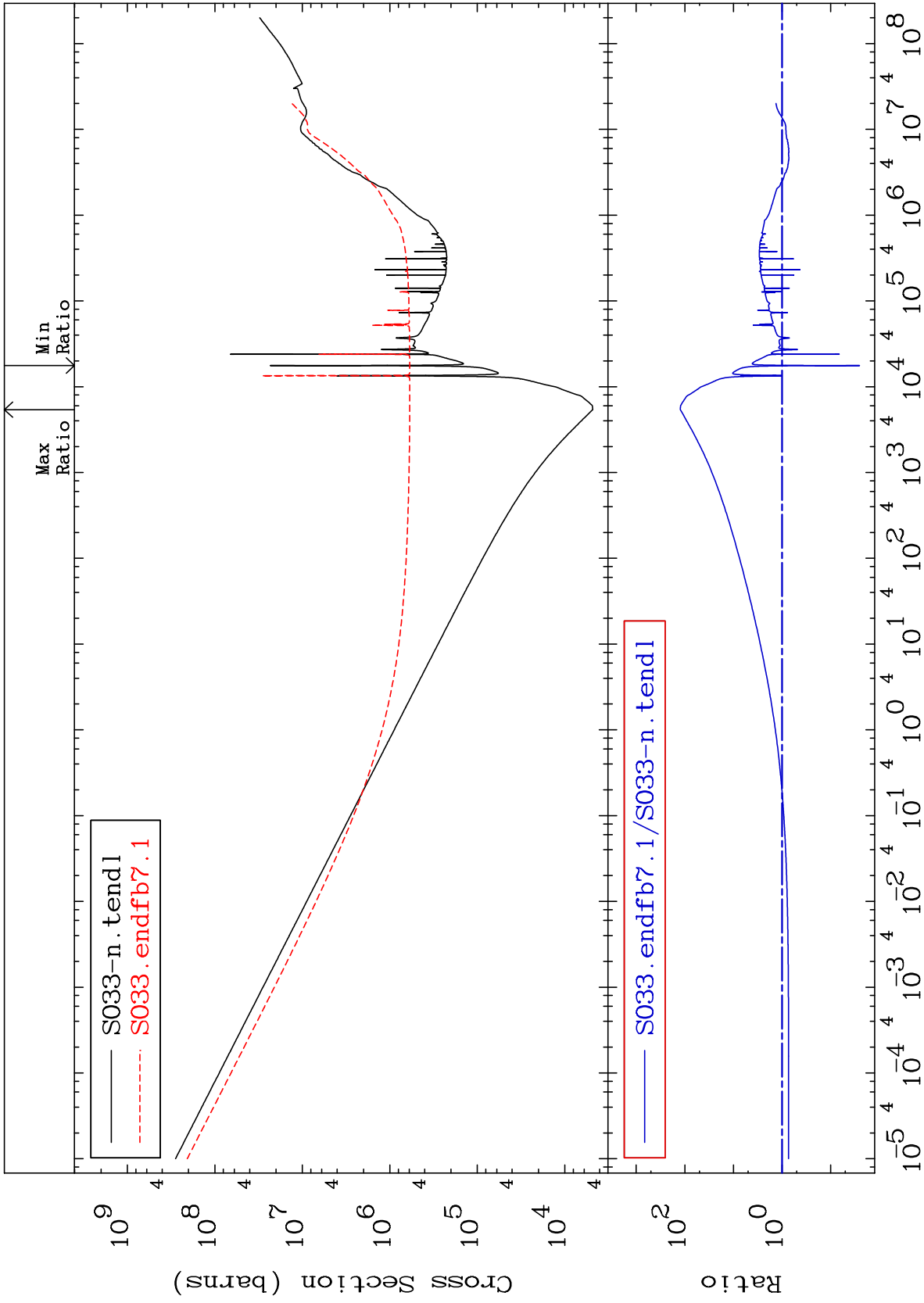
19

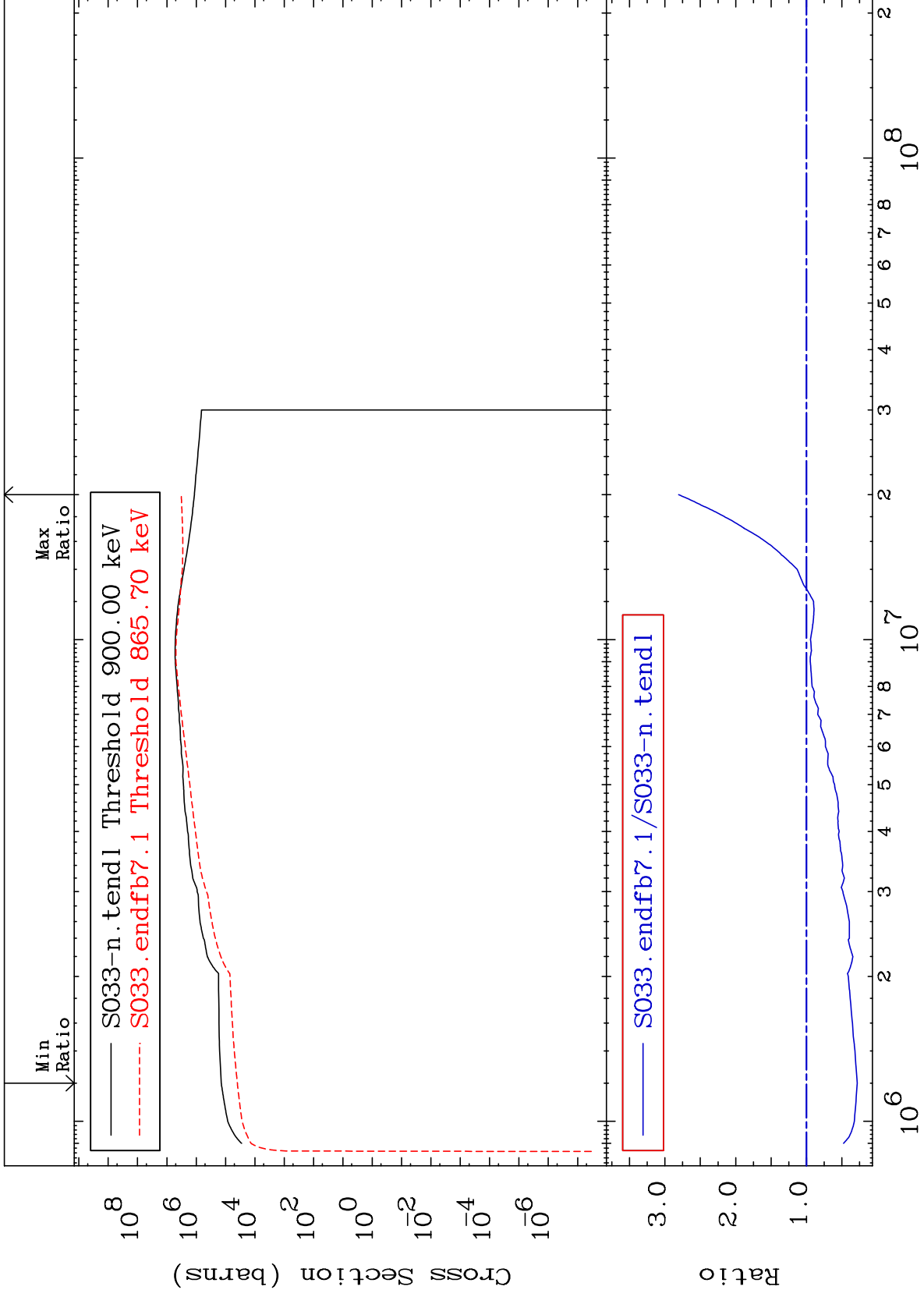
Incident Energy (eV)

16-S -33





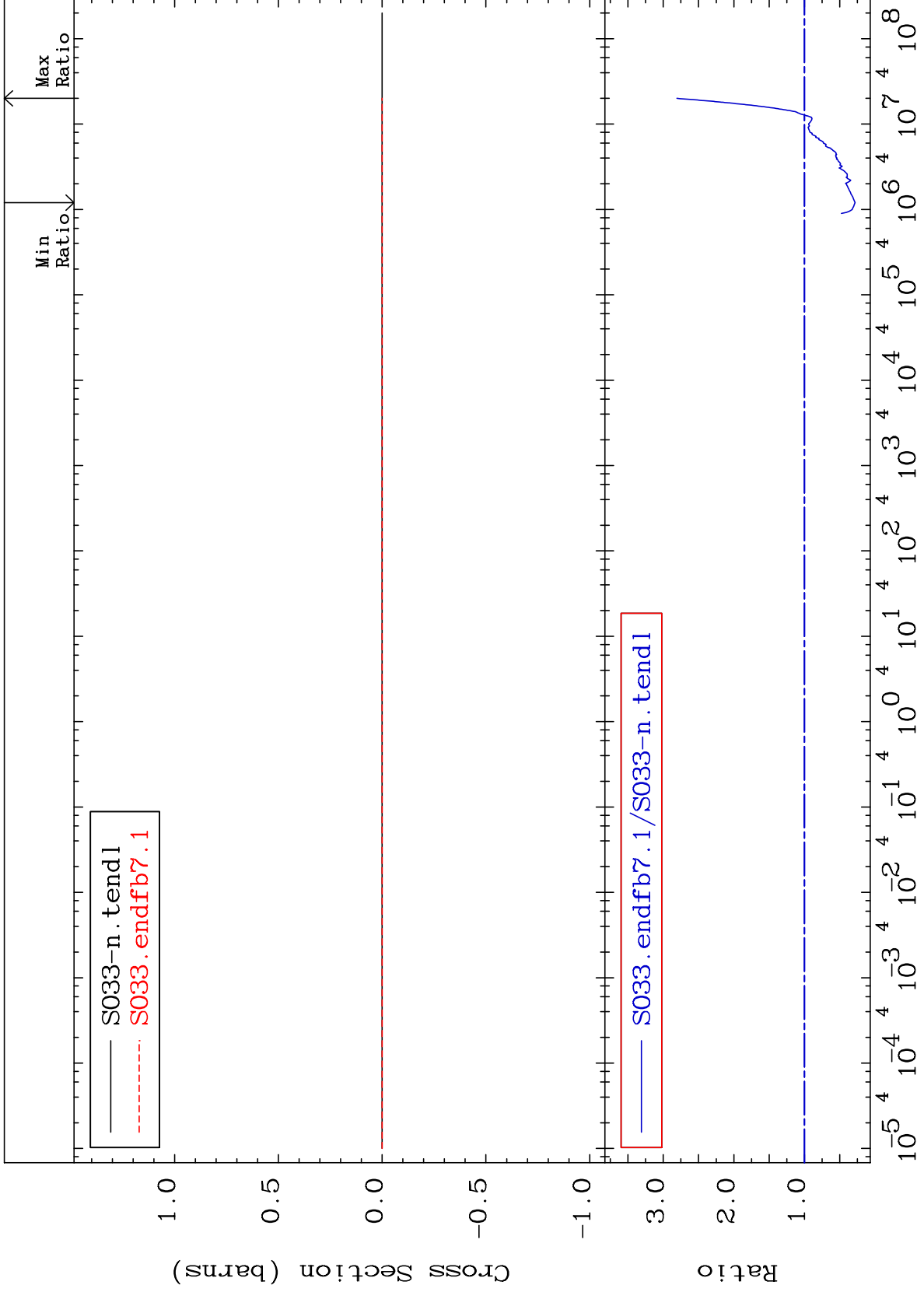


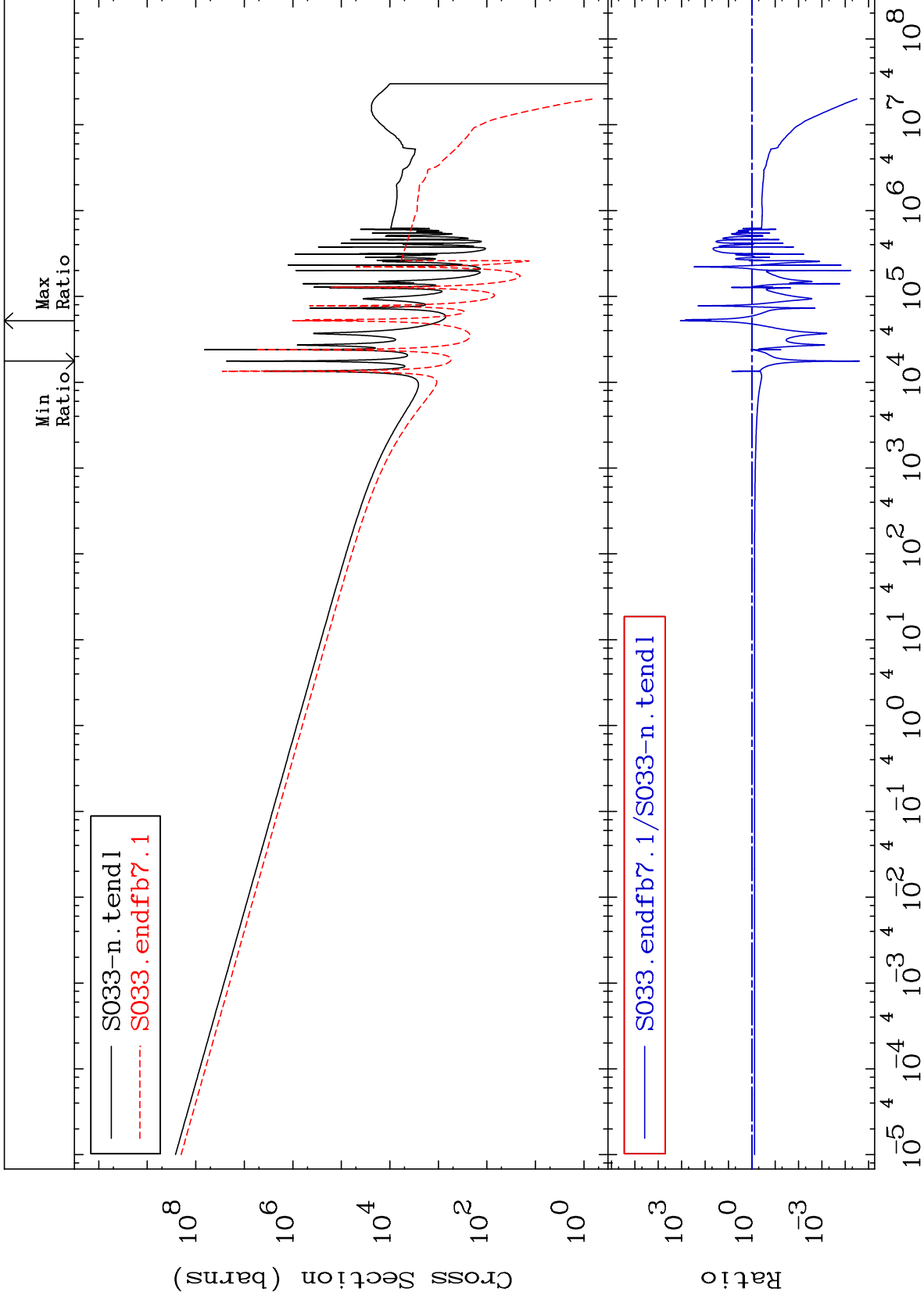


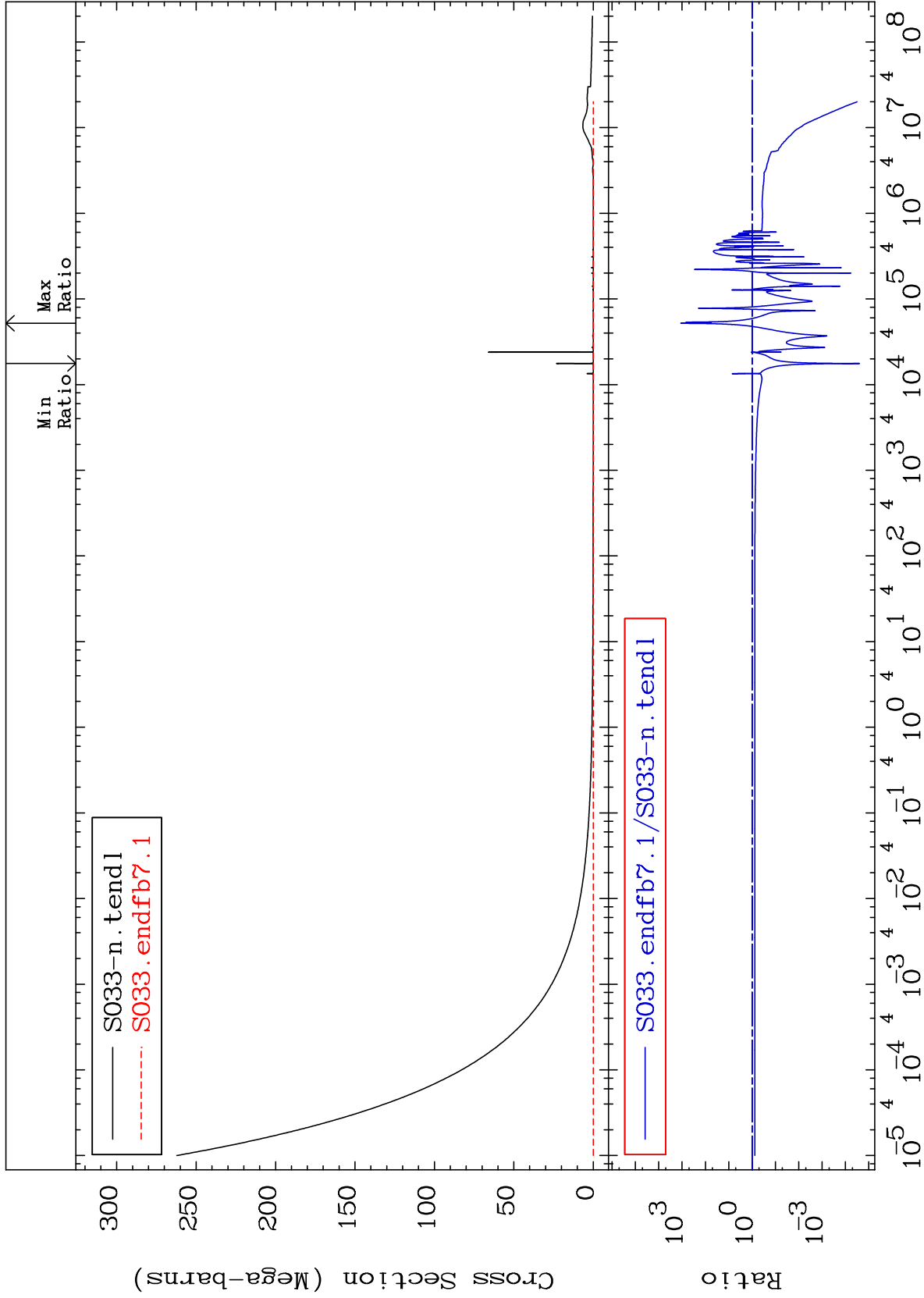
MAT 1628

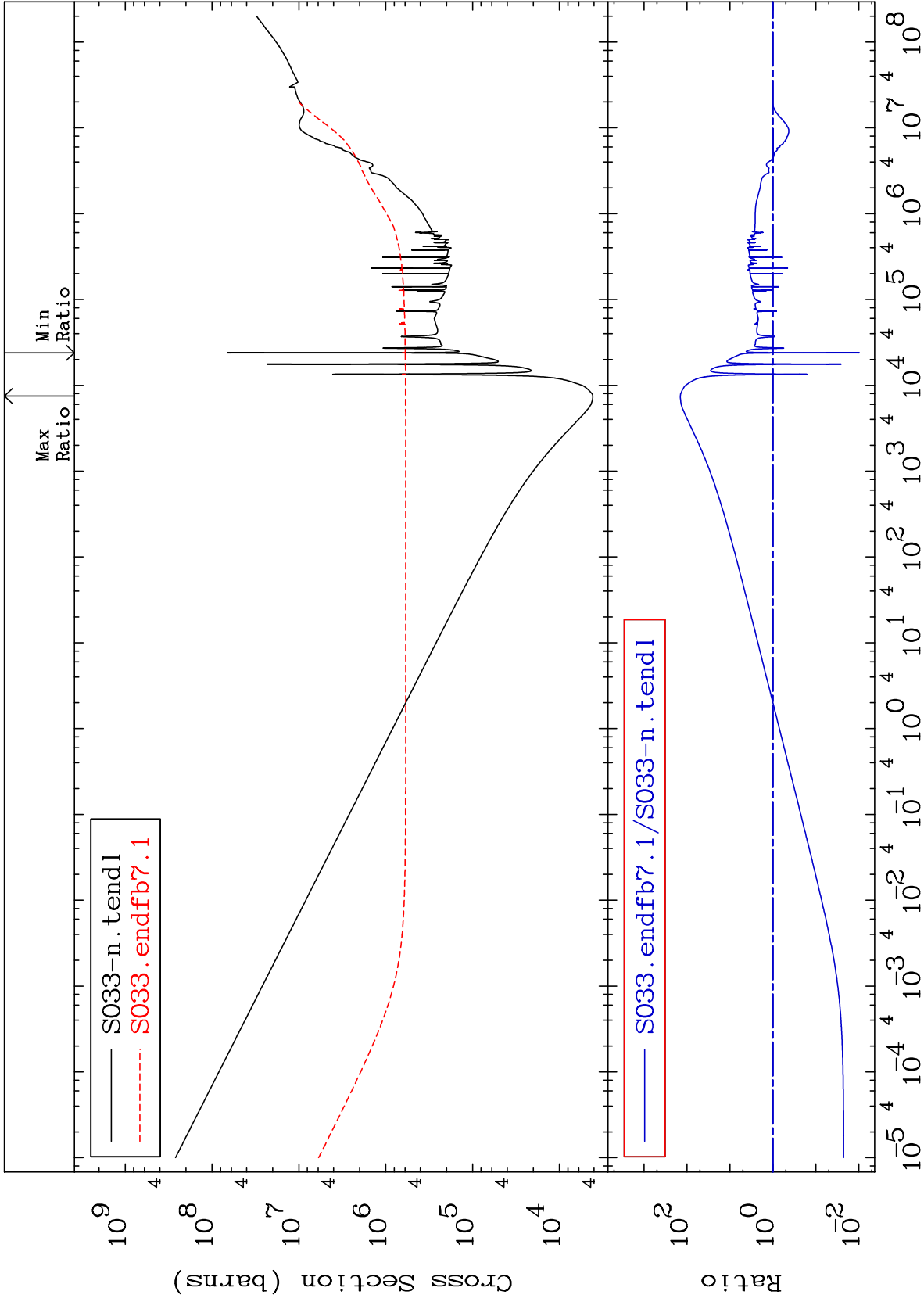
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

16-S -33
-71.77 To 180.6 %









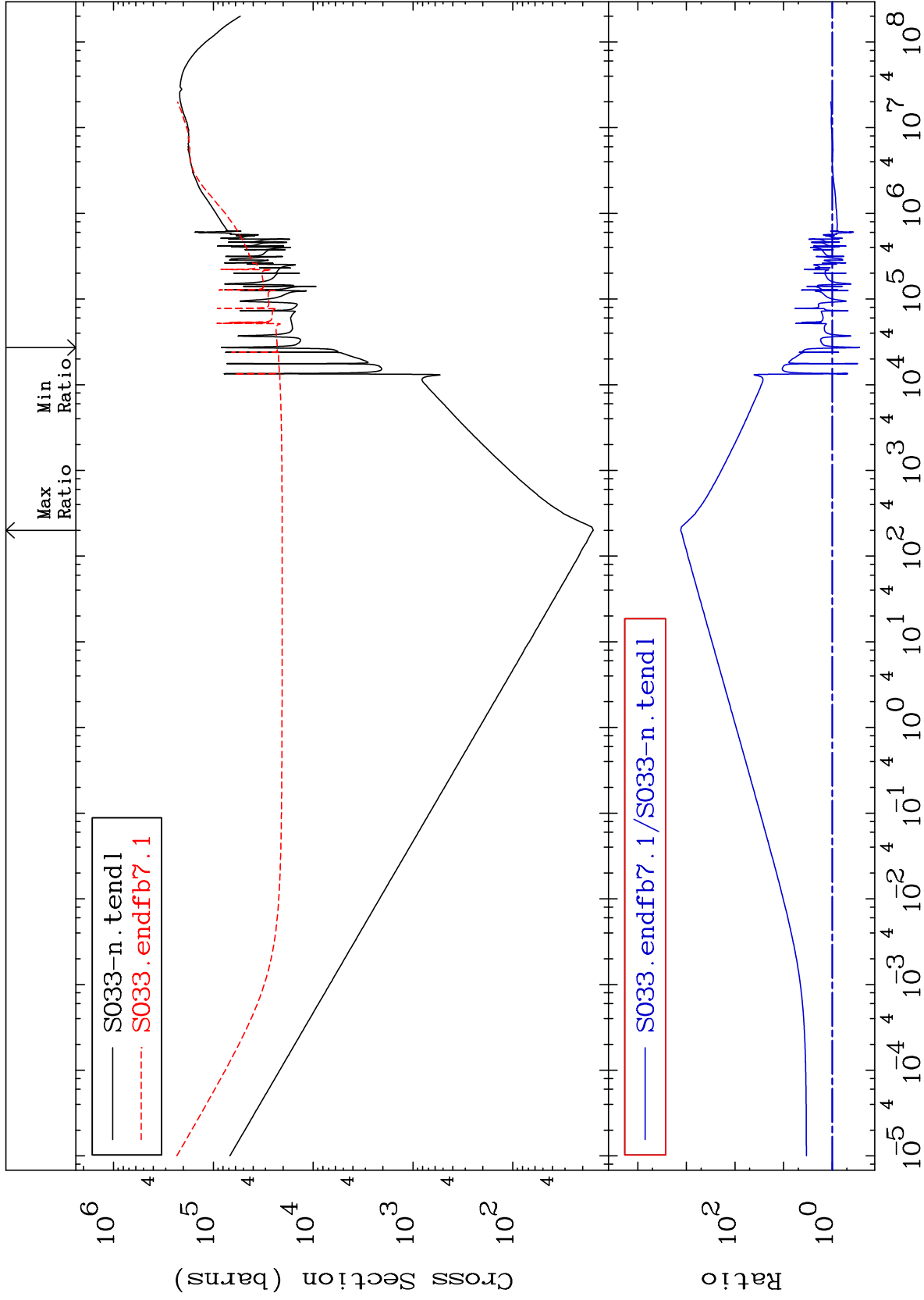
MAT 1628

Dpa total (eV-barns)

16-S -33

-72.61 To 9999. %

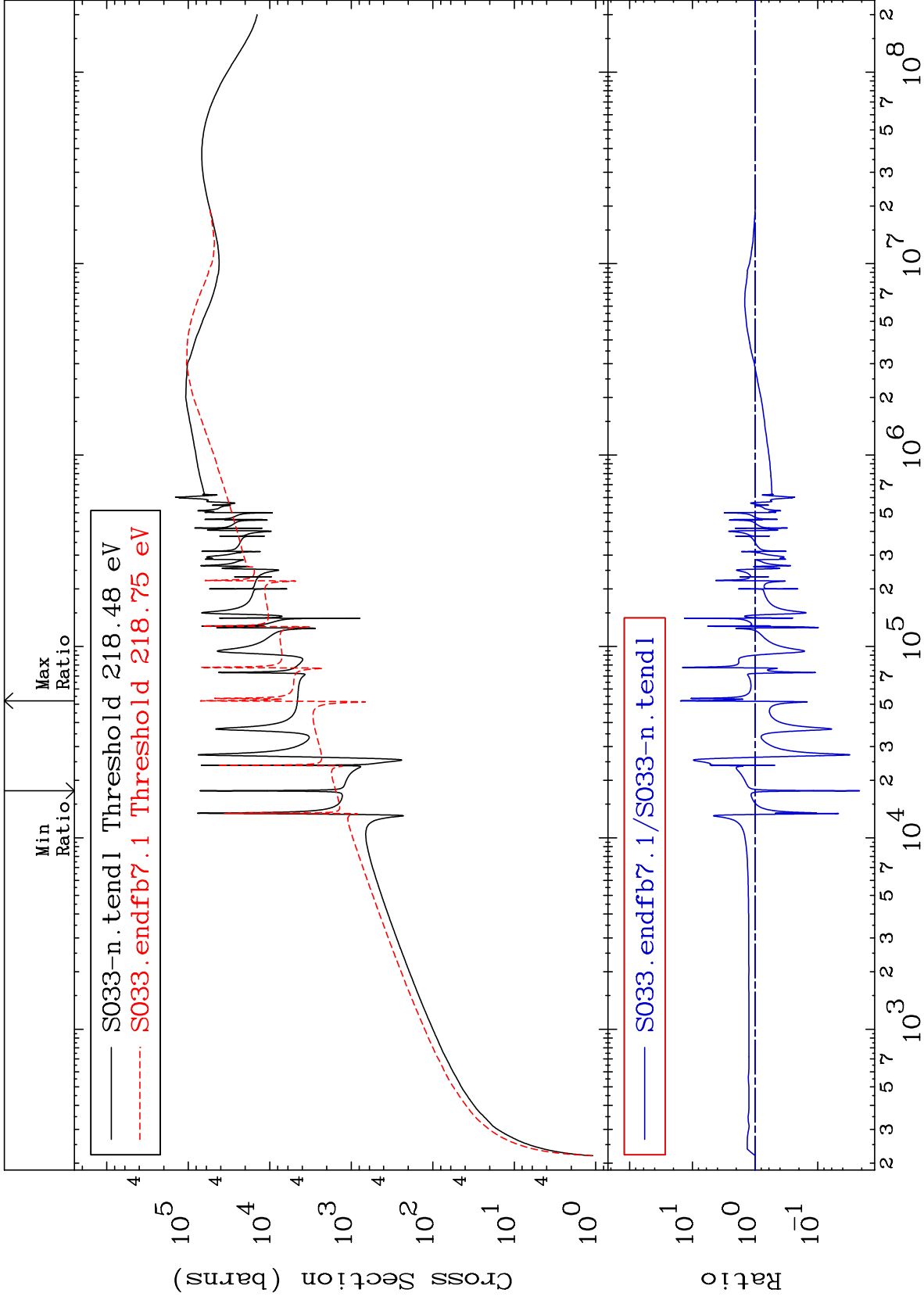
Cross Section



28

Incident Energy (eV)

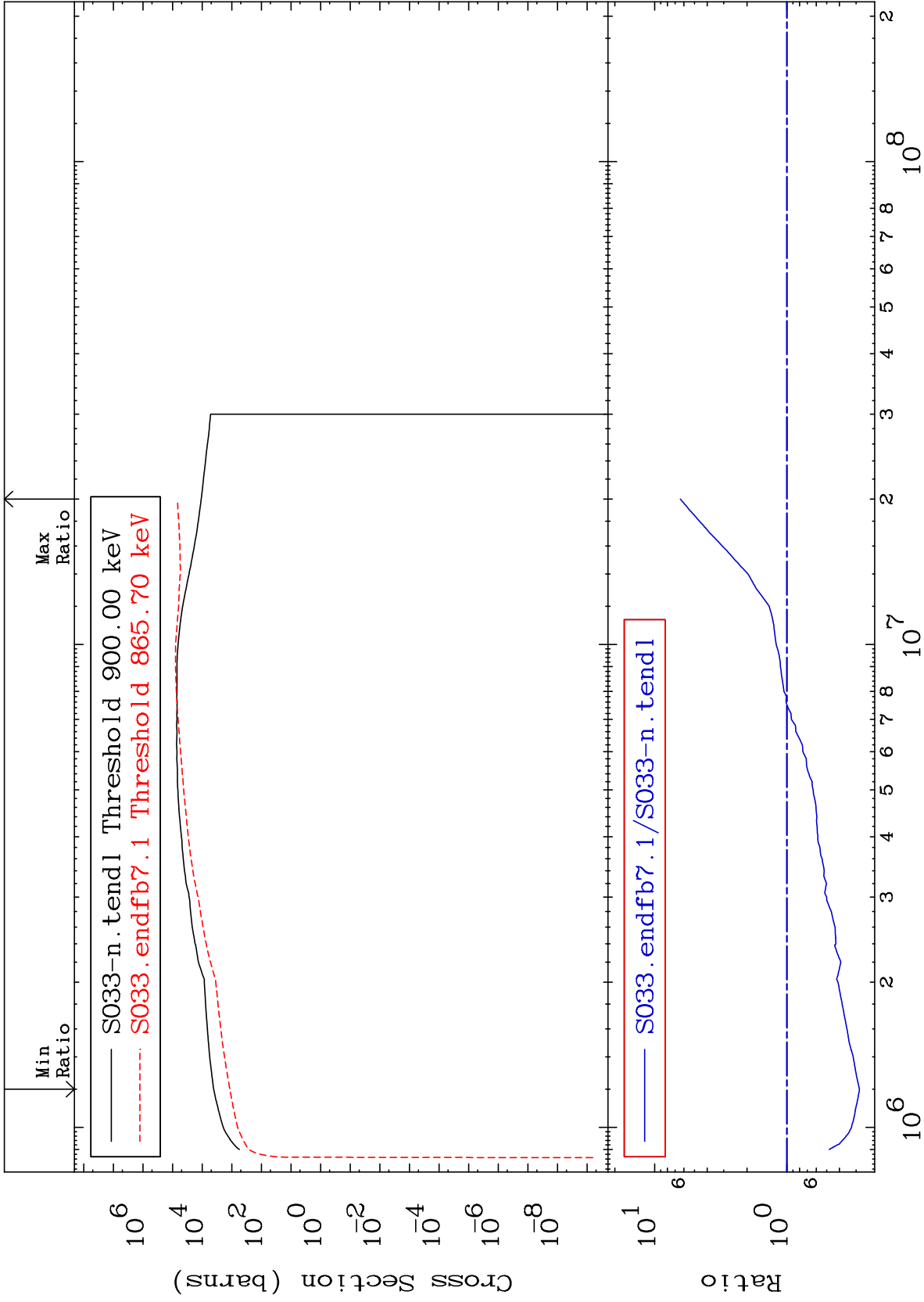
16-S -33



MAT 1628

Dpa inelastic (mt51-91)
Cross Section

16-S -33
-71.74 To 538.8 %



30

Incident Energy (eV)

16-S -33

