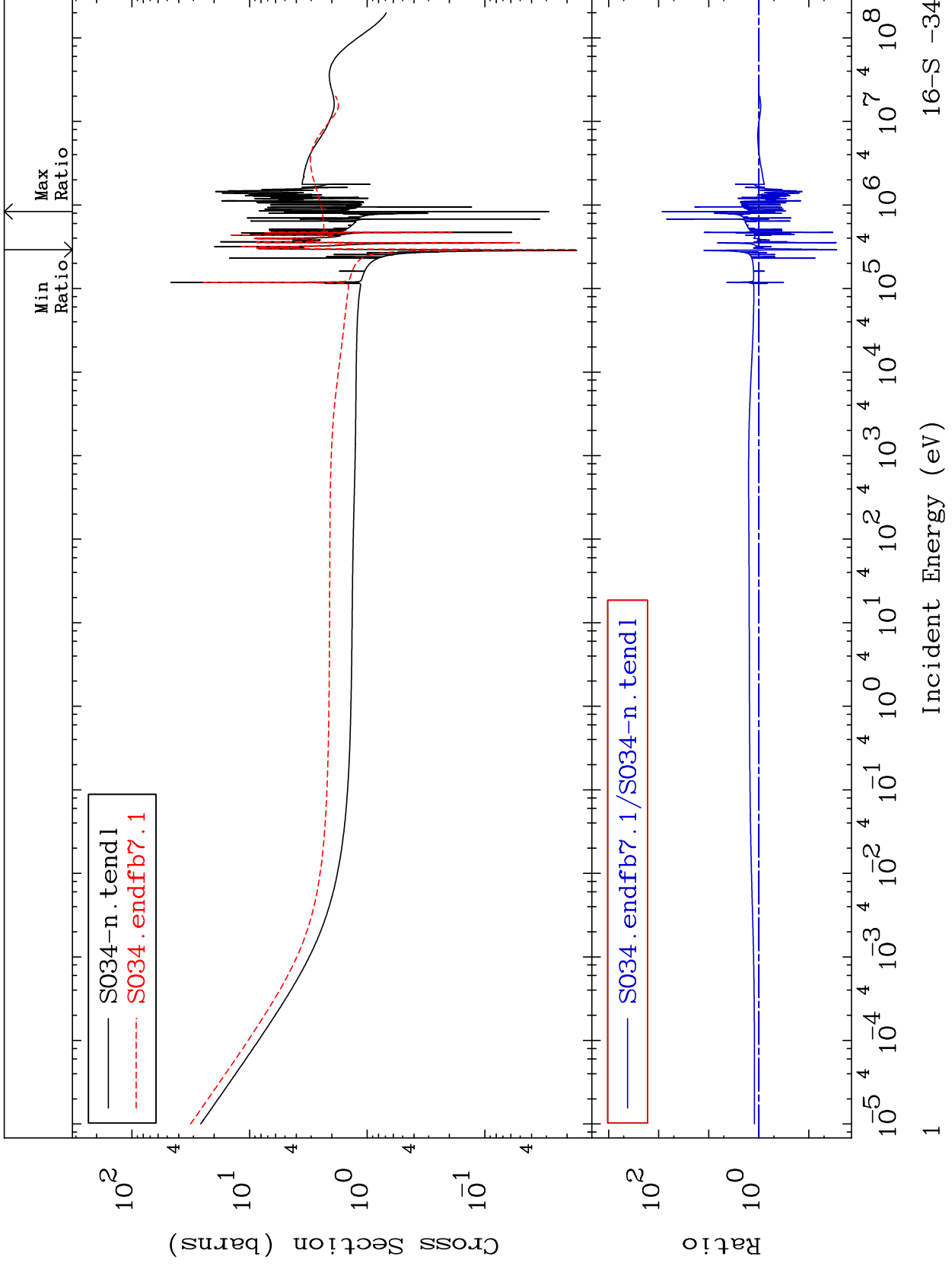


MAT 1631

Total
Cross Section

16-S -34
-97.21 To 8370. %

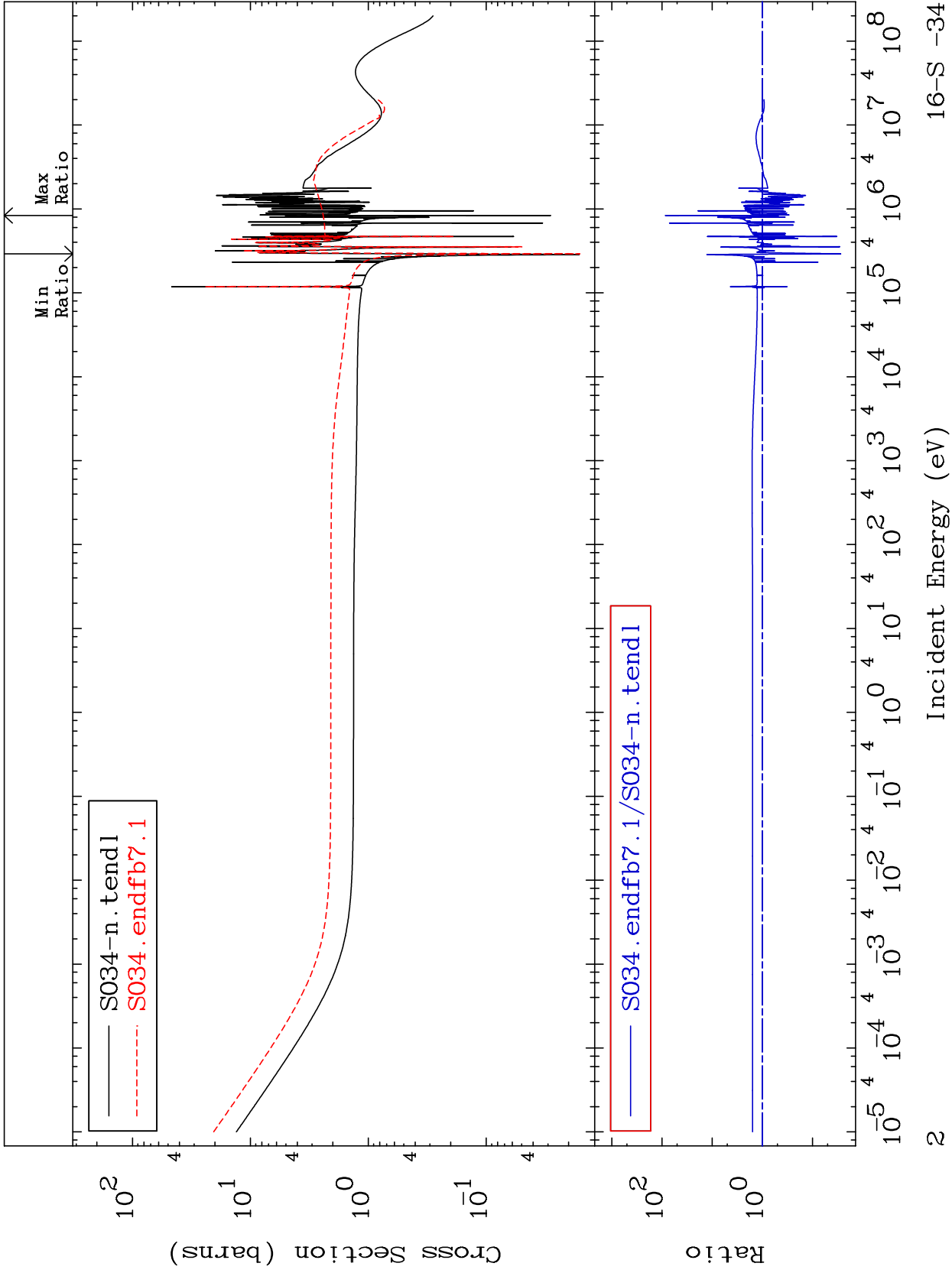


16-S -34

MAT 1631

Elastic
Cross Section

16-S -34
-97.26 To 8414. %

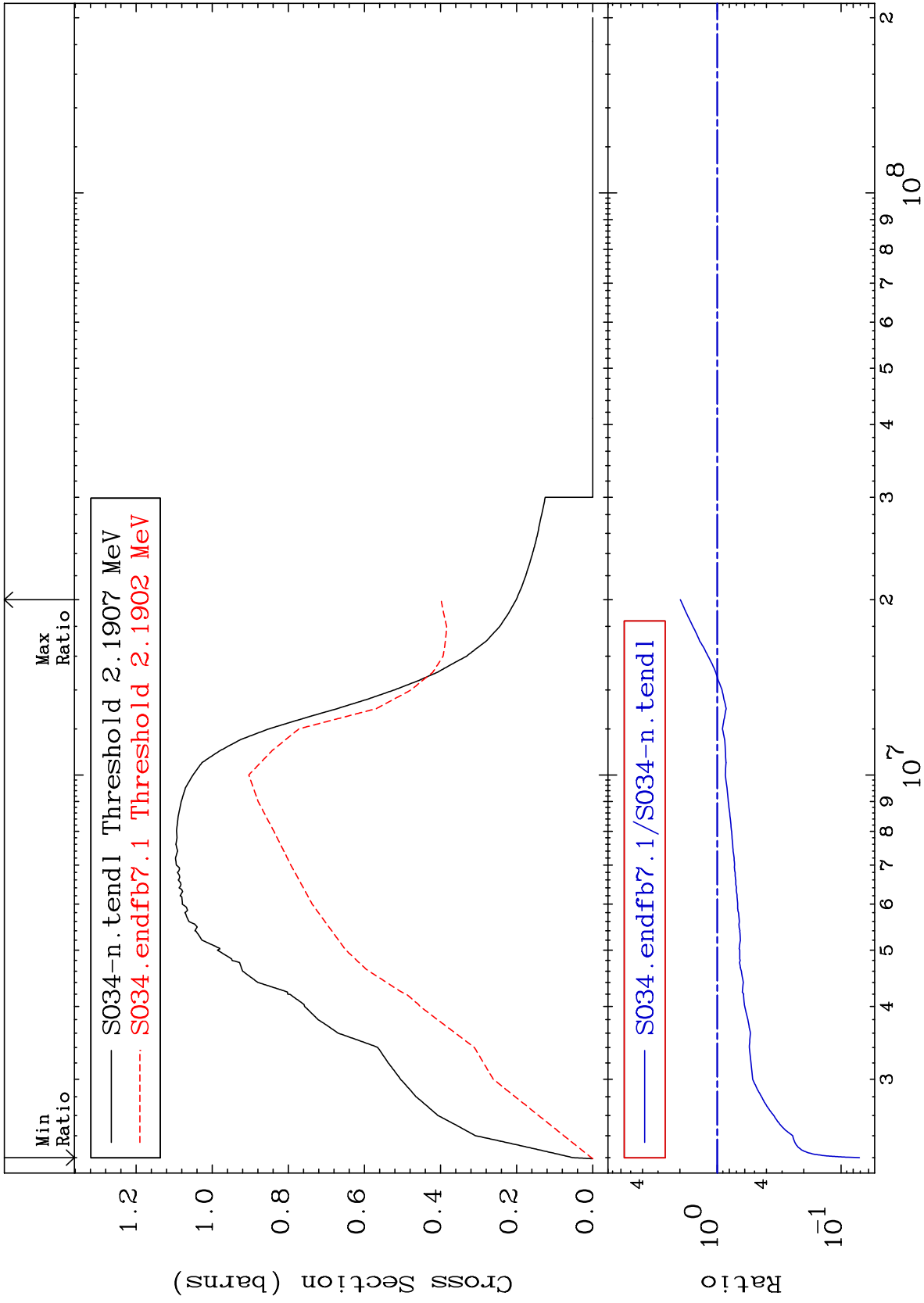


16-S -34

MAT 1631

Inelastic
Cross Section

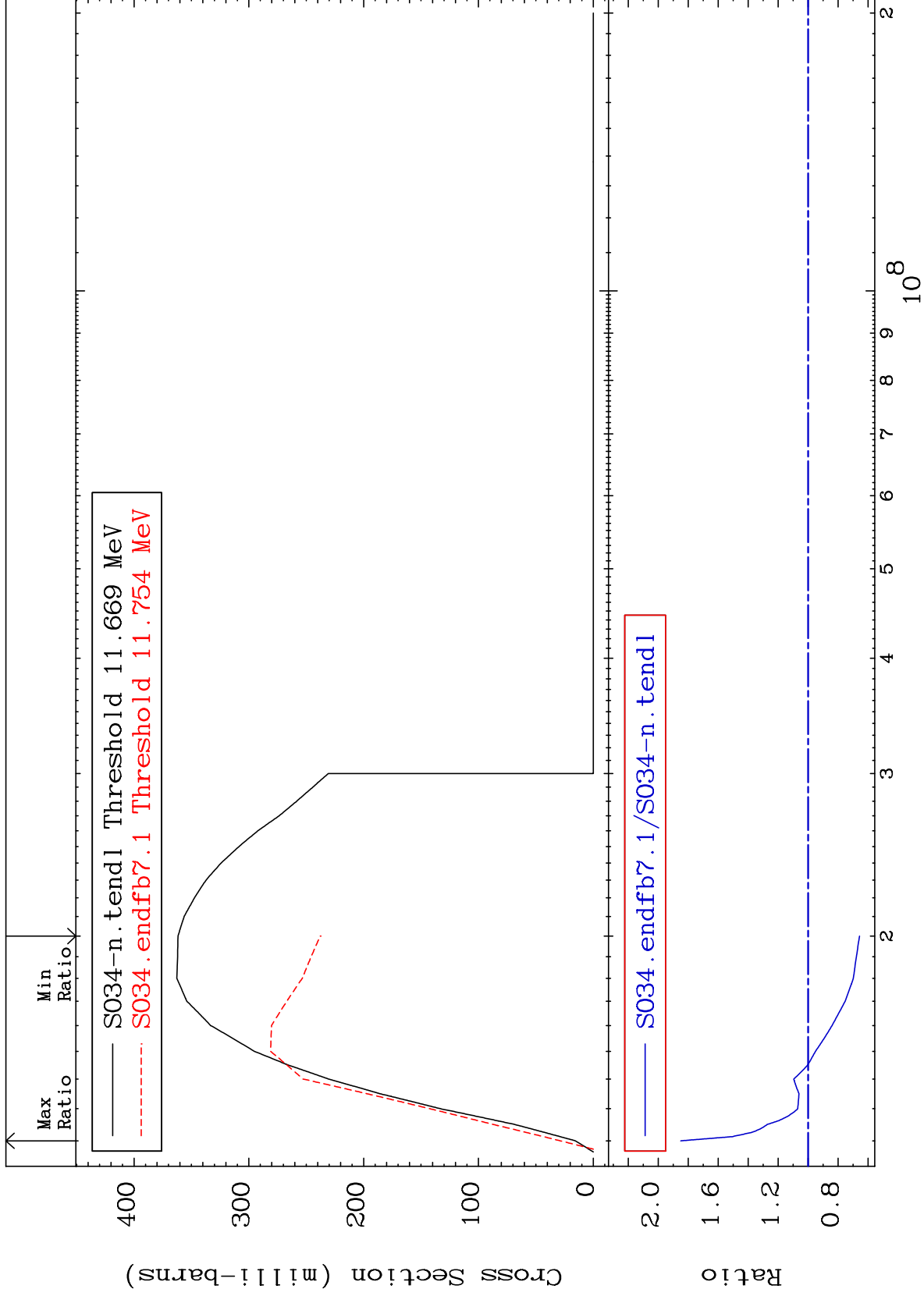
16-S -34
-92.88 To 98.36 %



MAT 1631

(n,2n)
Cross Section

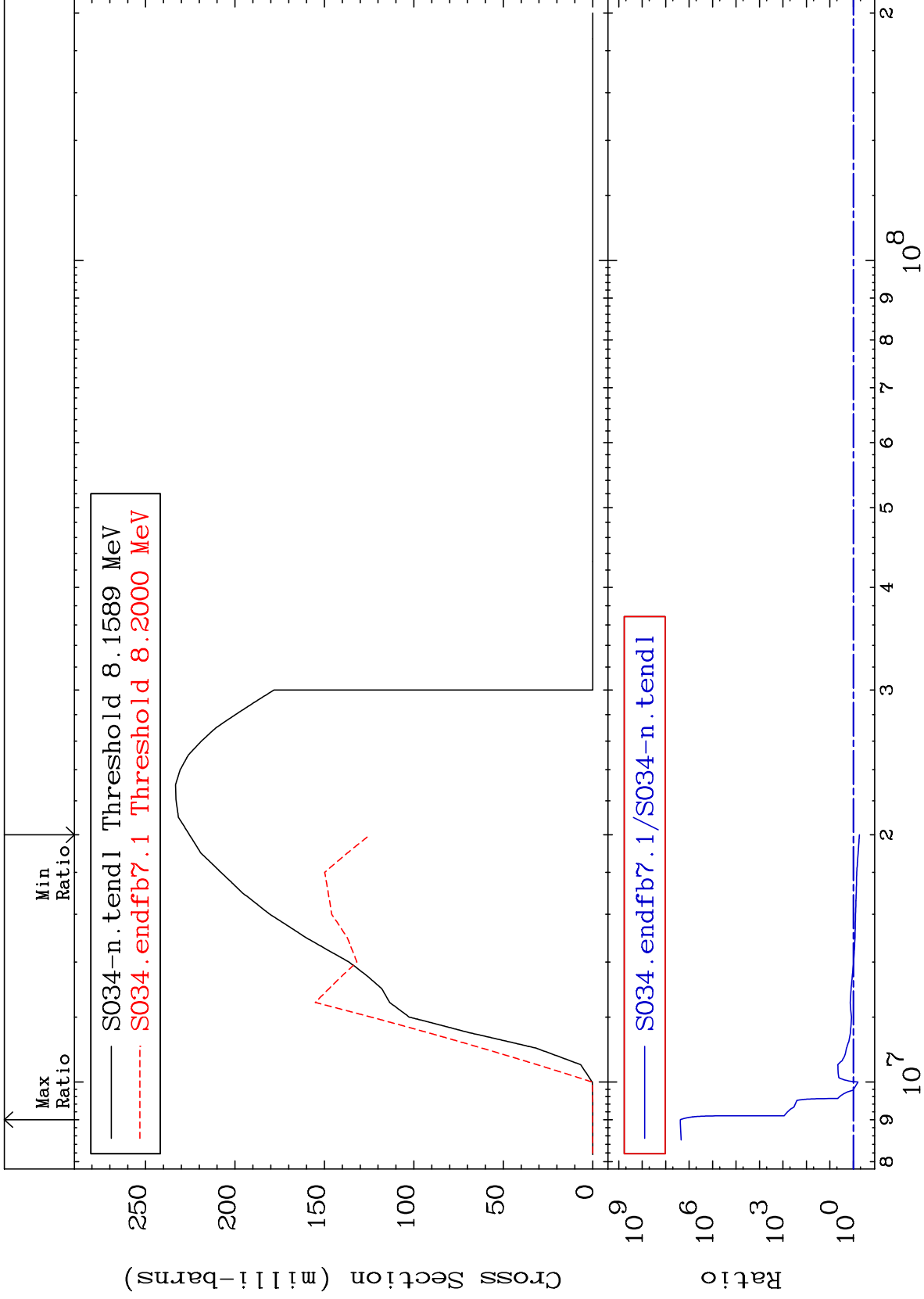
16-S -34
-34.25 To 84.98 %



MAT 1631

(n,n') α
Cross Section

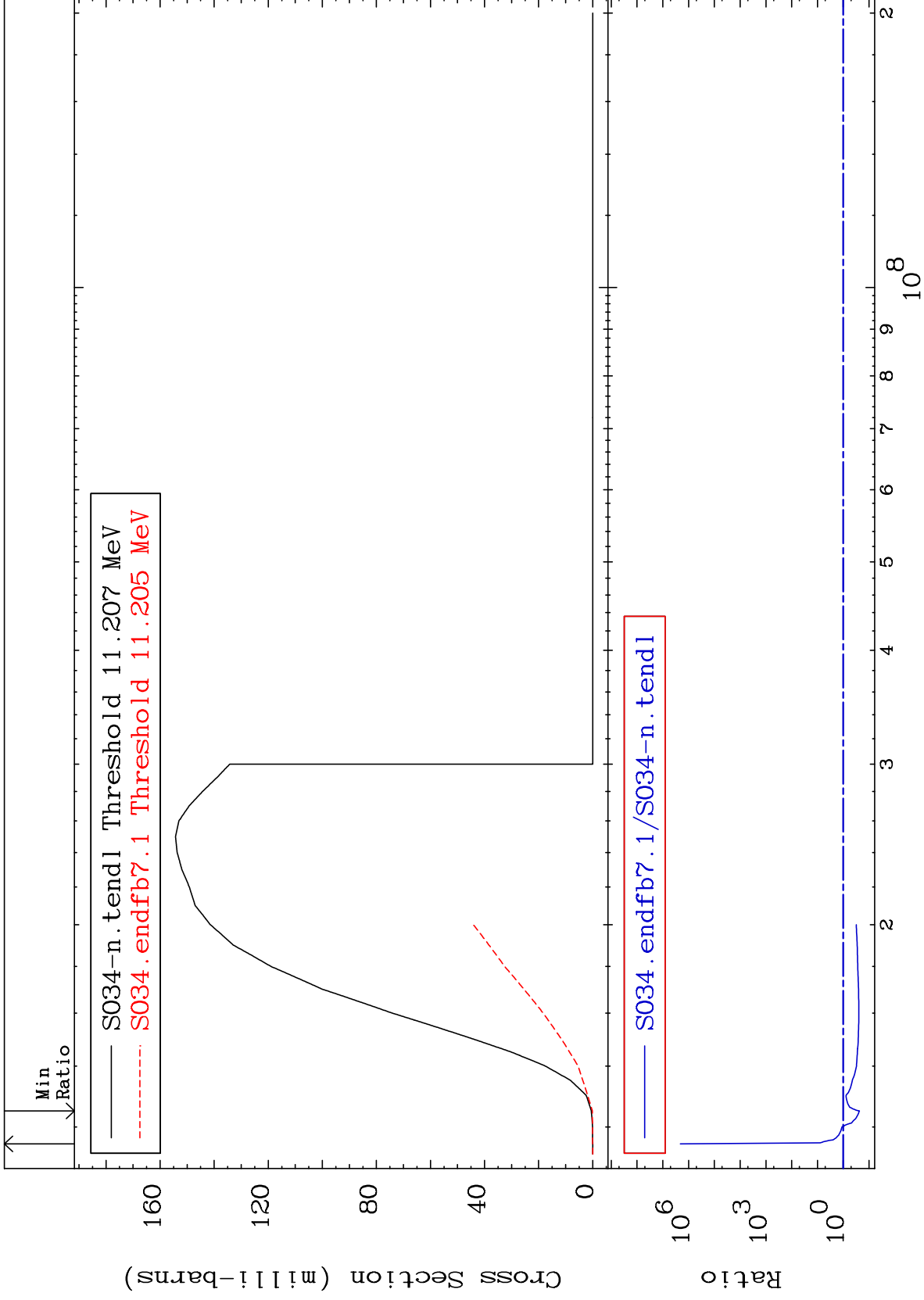
16-S -34
-44.82 To 9999. %



5

Incident Energy (eV)

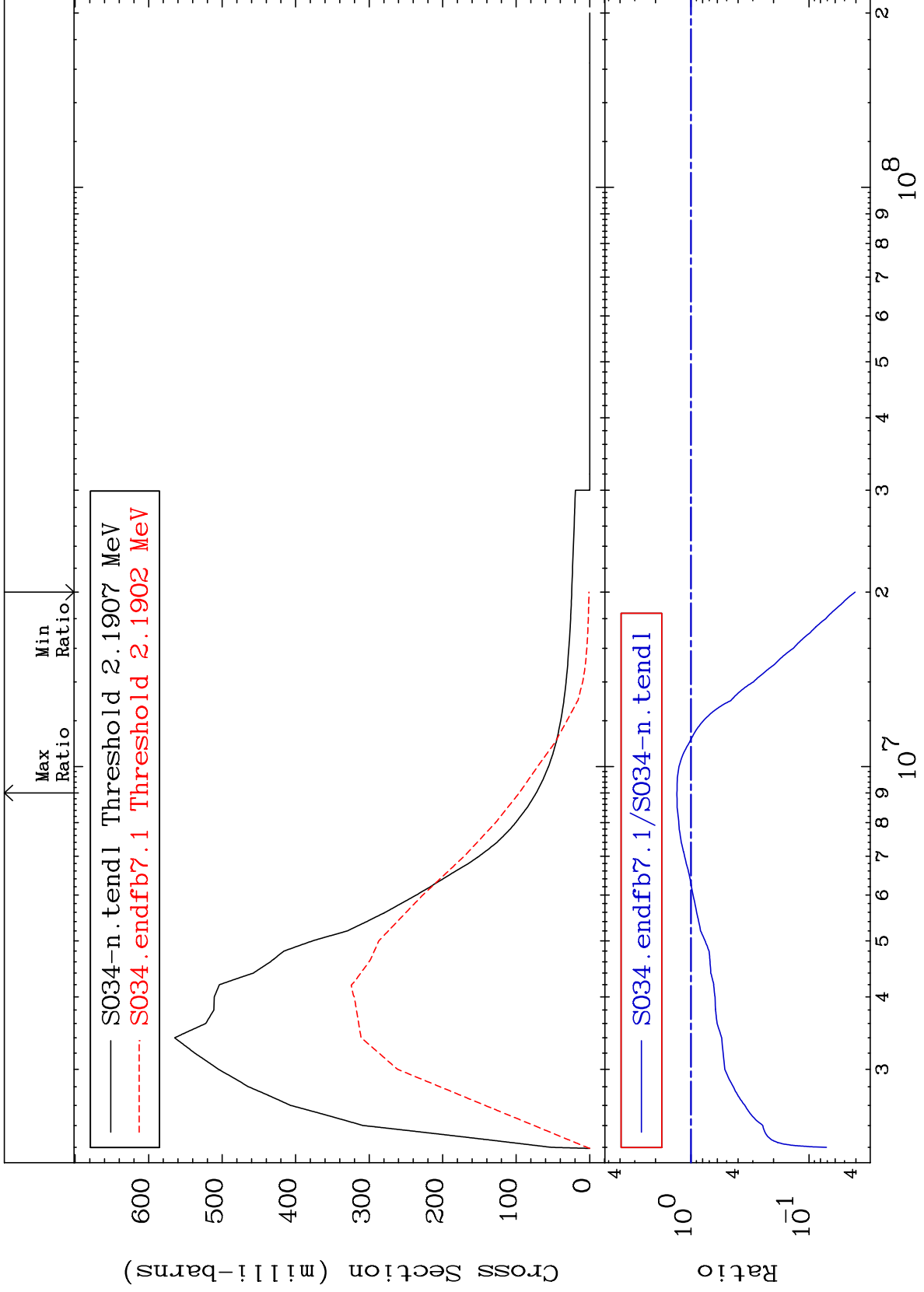
16-S -34



MAT 1631

2.128 MeV (n,n') Level
Cross Section

16-S -34
-95.94 To 31.84 %



7

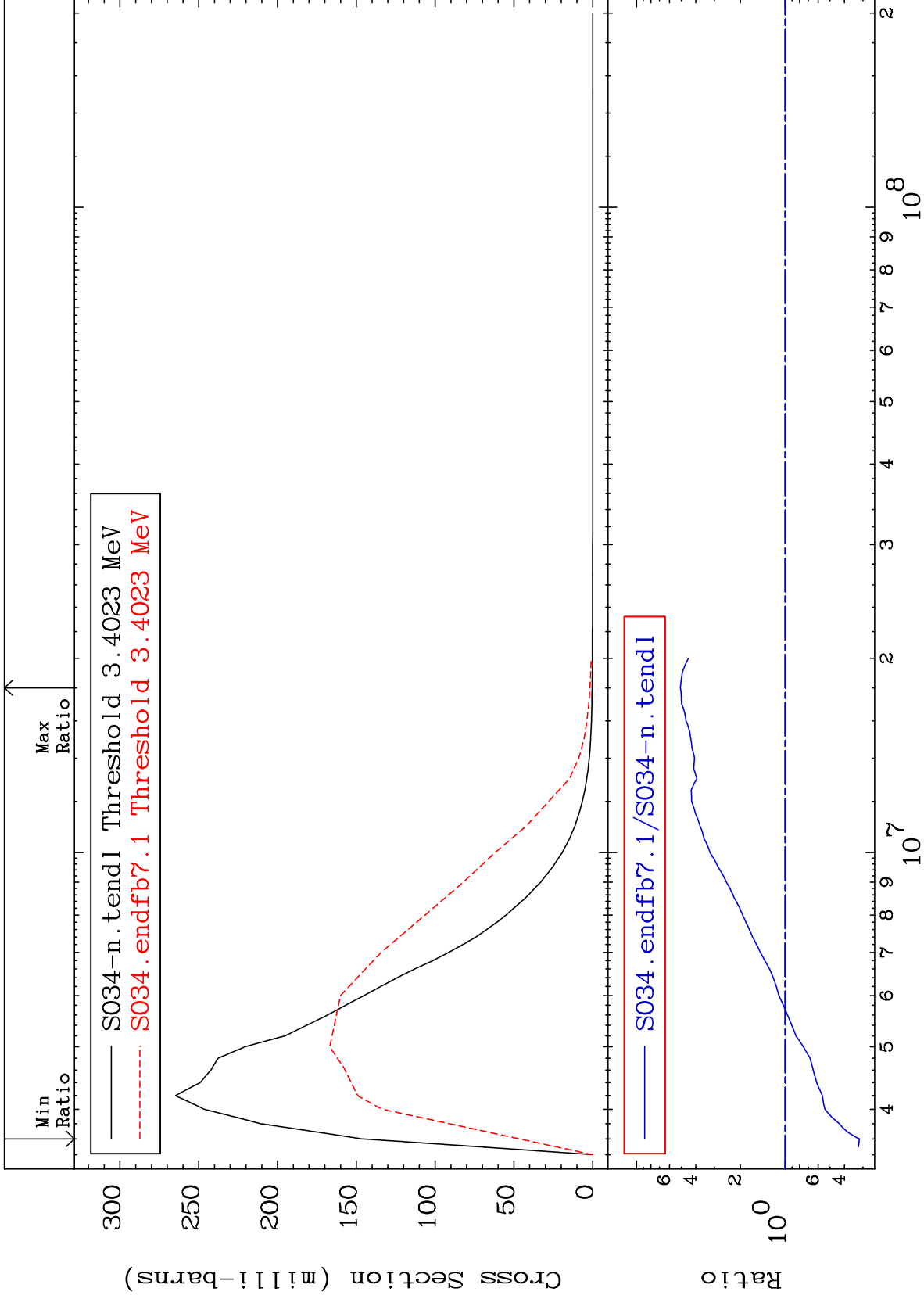
Incident Energy (eV)

16-S -34

MAT 1631

3.304 MeV (n,n') Level
Cross Section

16-S -34
-68.28 To 407.0 %



8

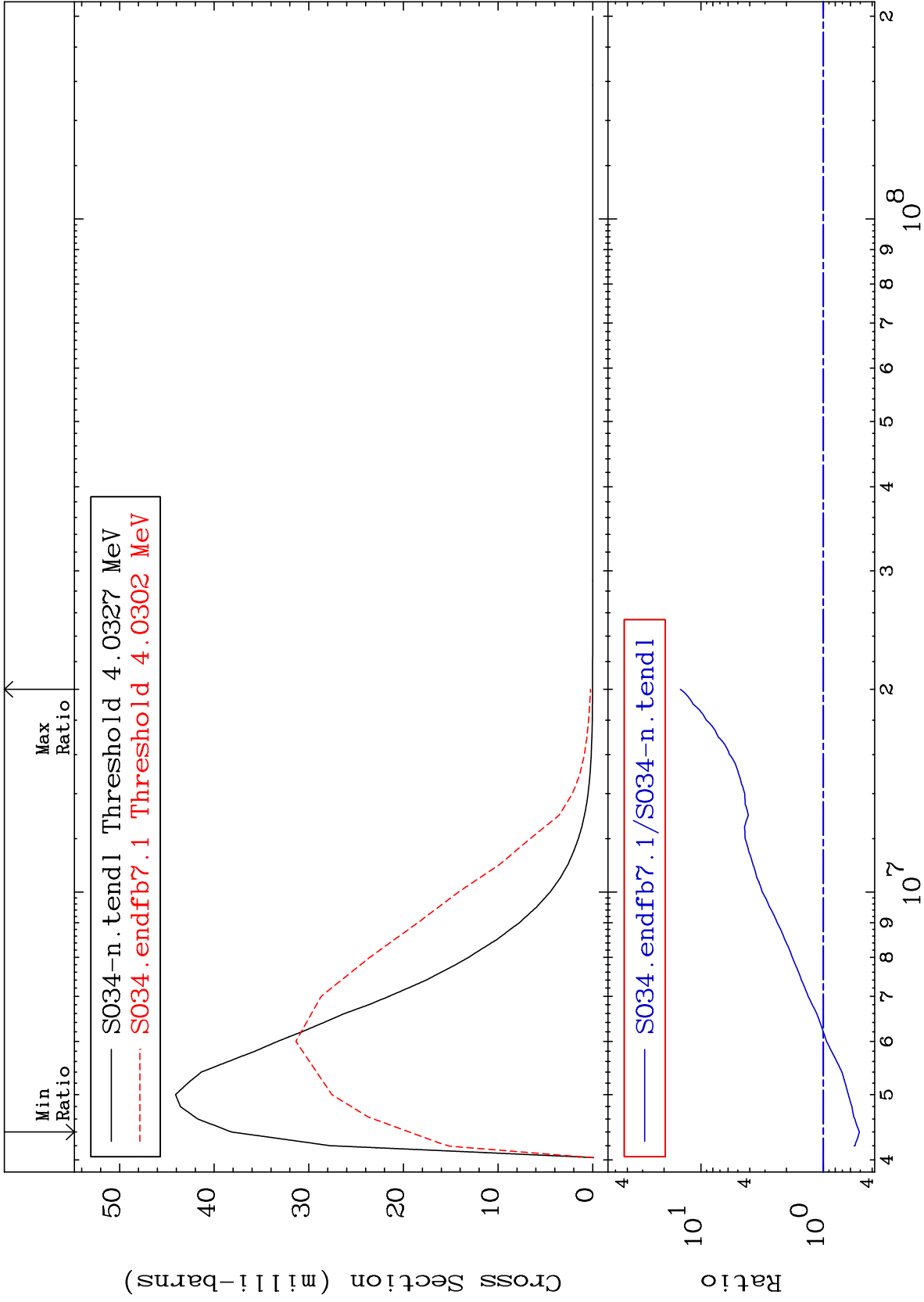
Incident Energy (eV)

16-S -34

MAT 1631

3.916 MeV (n,n') Level
Cross Section

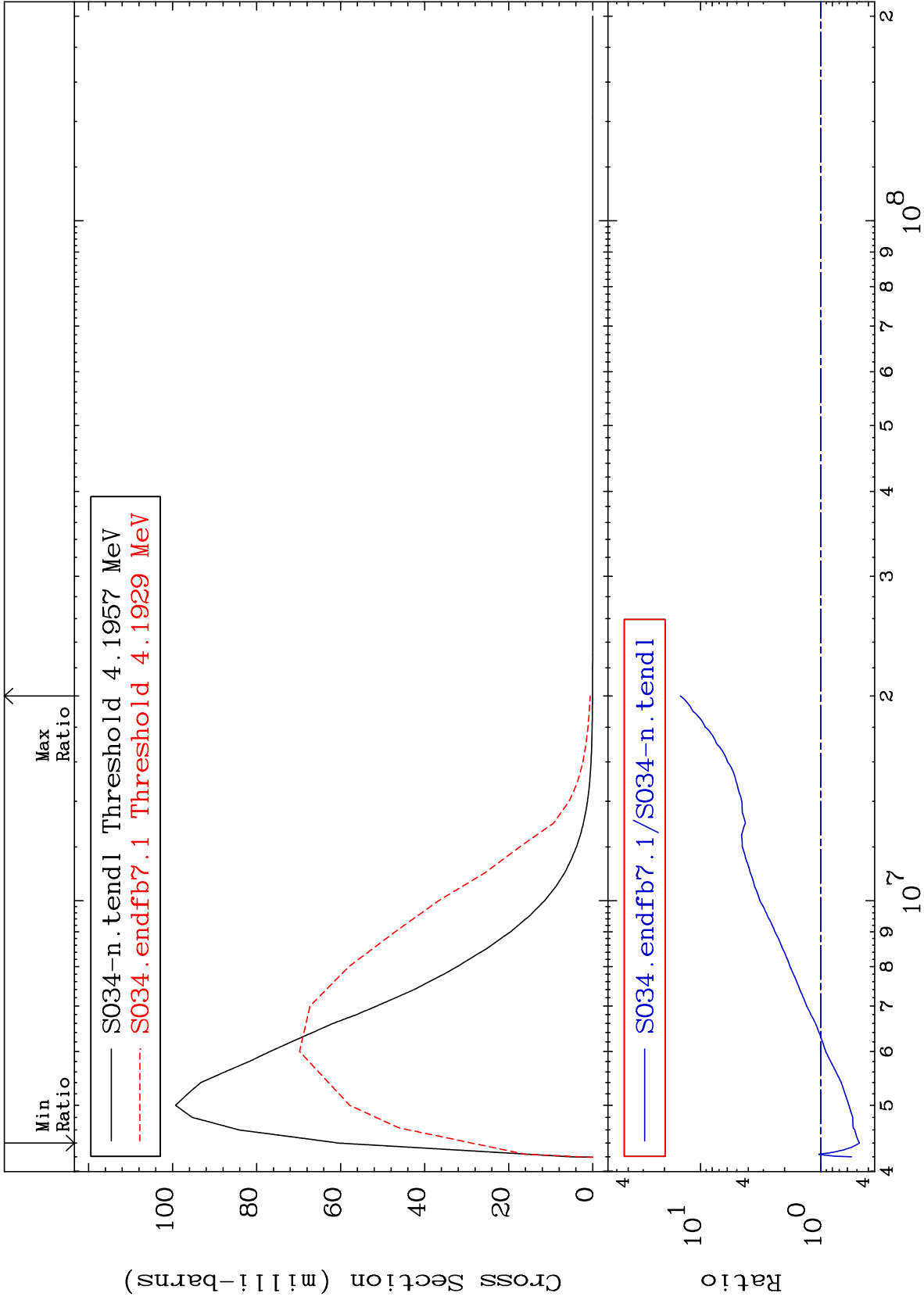
16-S -34
-49.25 To 1374. %



MAT 1631

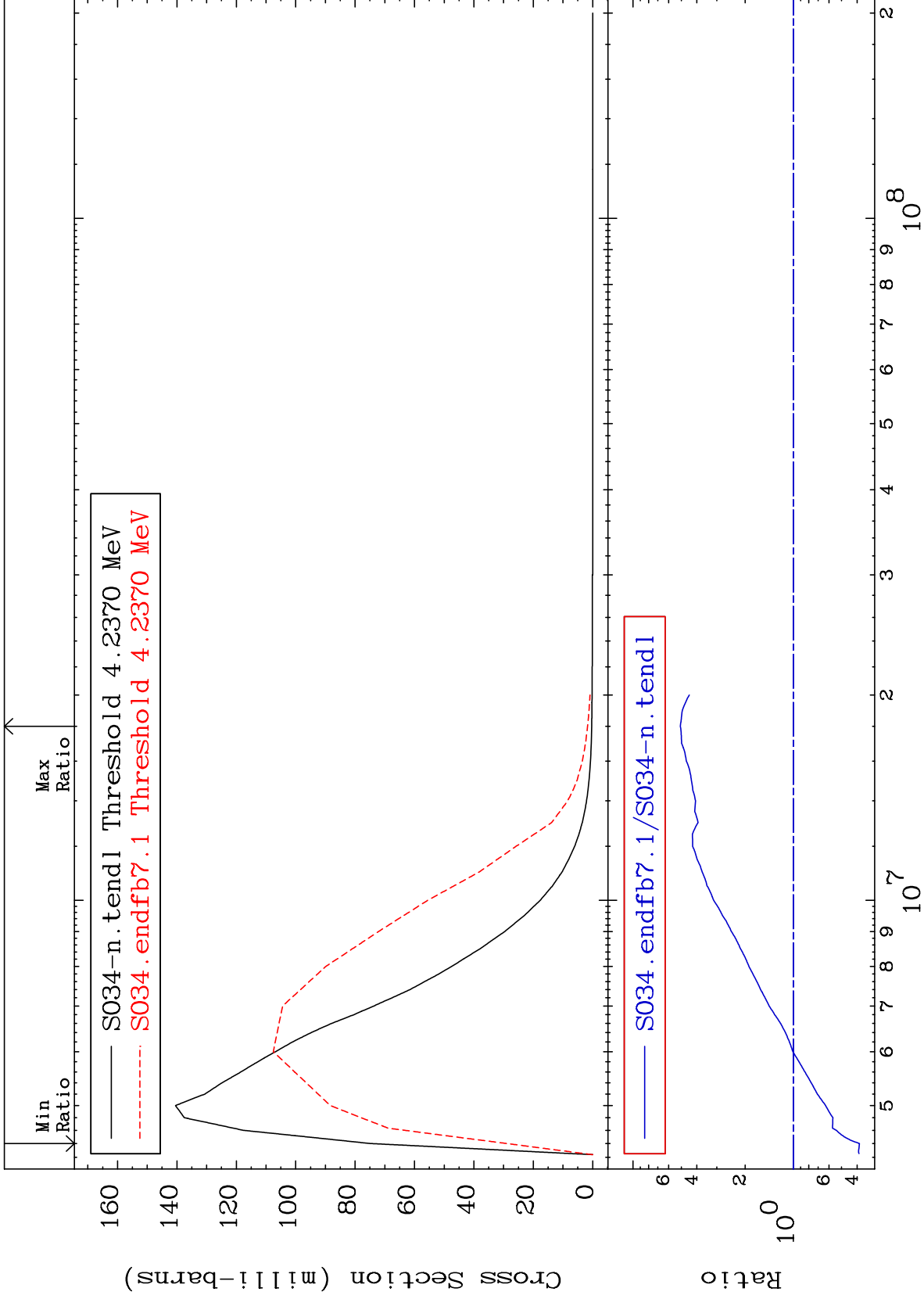
4.075 MeV (n,n') Level
Cross Section

16-S -34
-52.43 To 1373. %



10

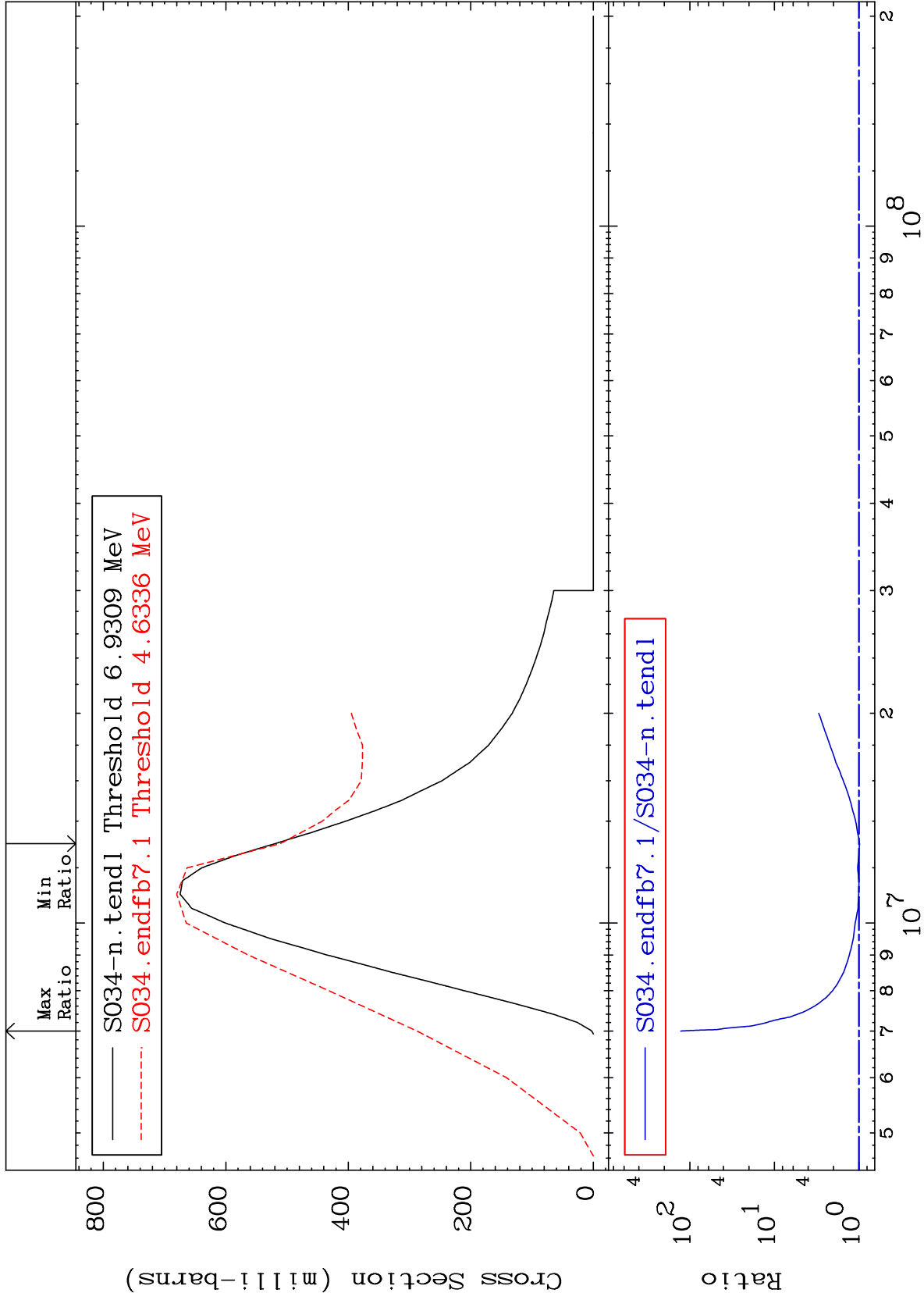
16-S -34



MAT 1631

(n, n') Continuum
Cross Section

16-S -34
-1.635 To 9999. %



12

Incident Energy (eV)

16-S -34

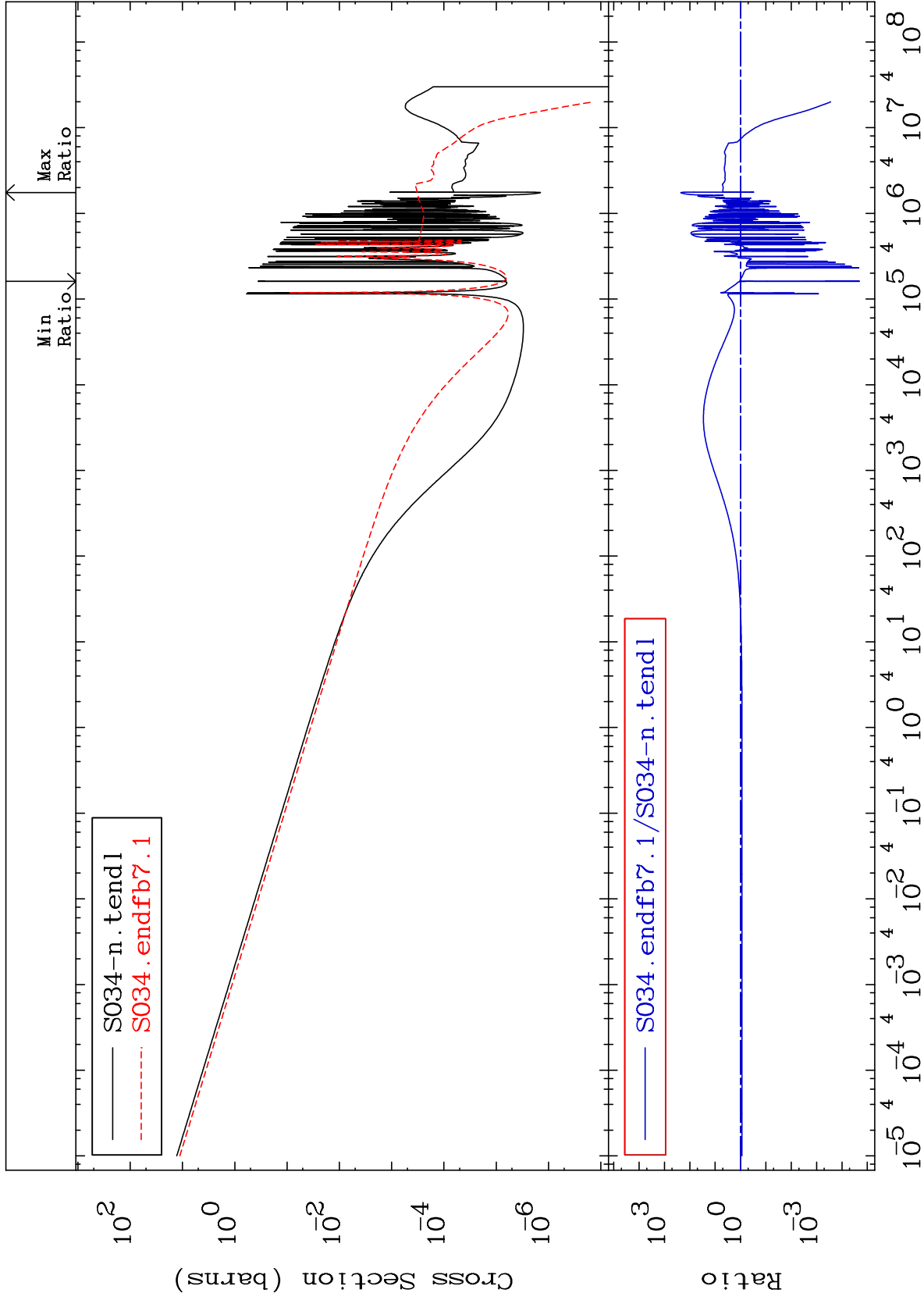
MAT 1631

(n, γ)

16-S -34

Cross Section

-100.0 To 9999. %



13

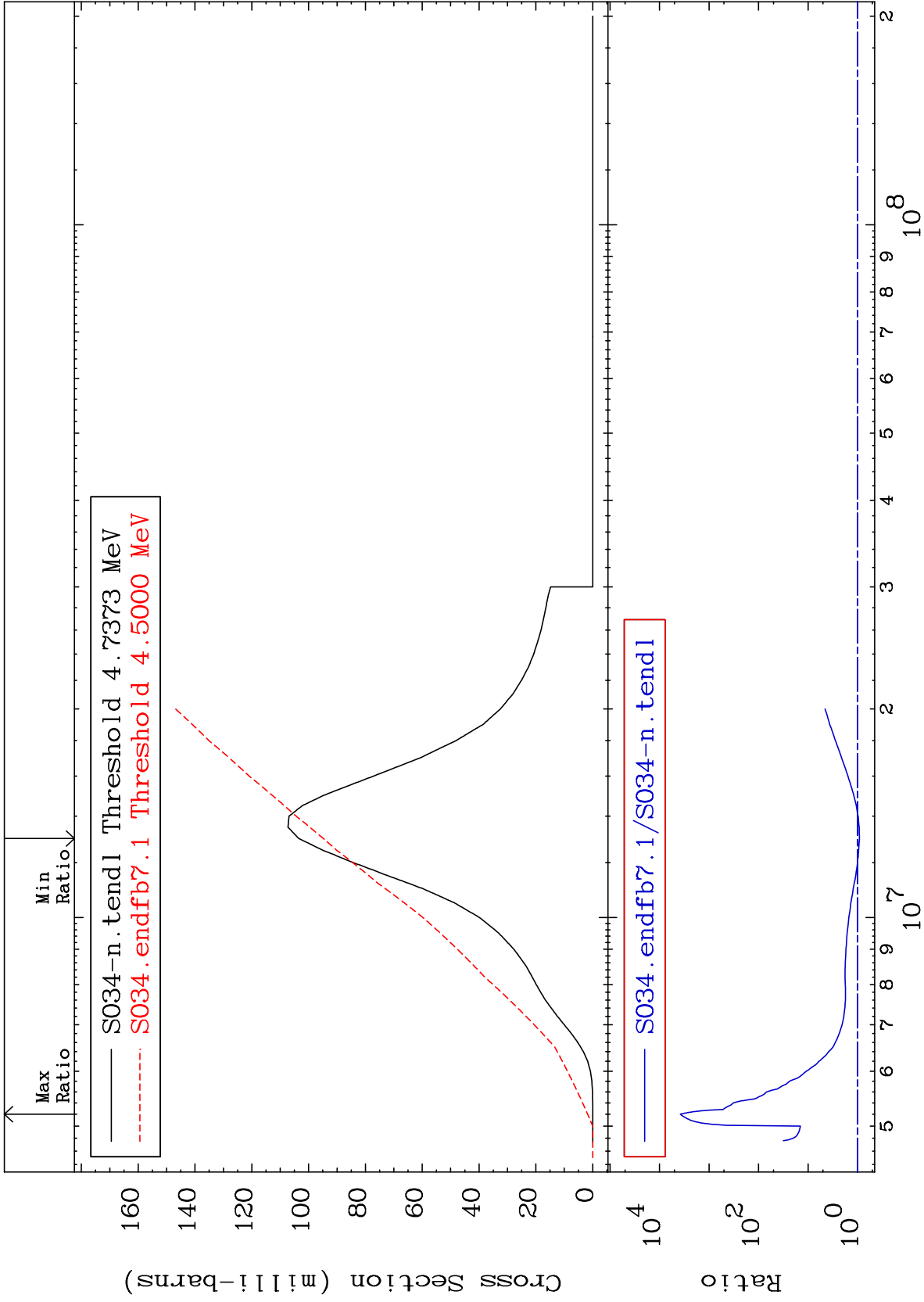
Incident Energy (eV)

16-S -34

MAT 1631

(n,p)
Cross Section

16-S -34
-8.360 To 9999. %



14

Incident Energy (eV)

16-S -34

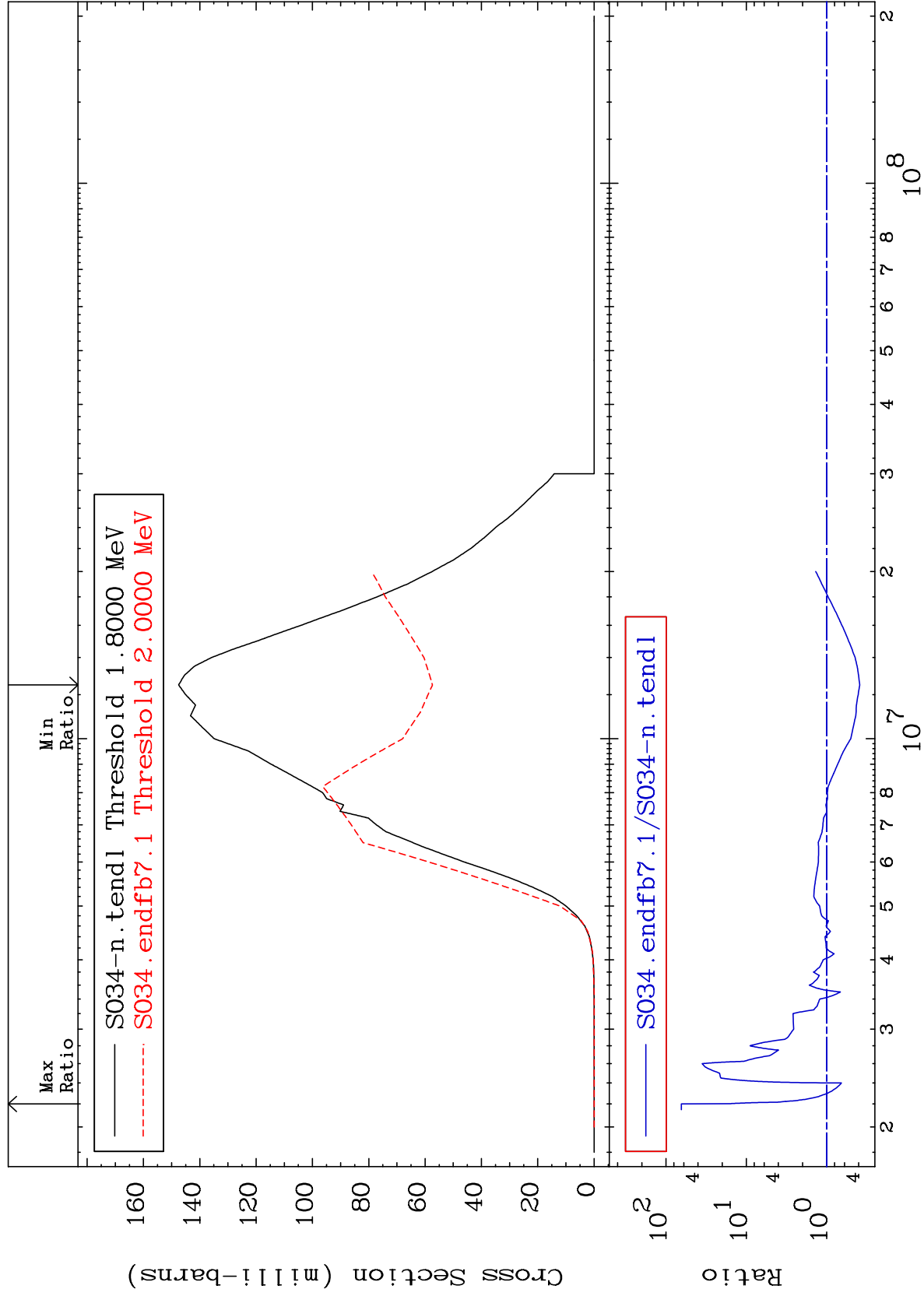
MAT 1631

(n, α)

16-S -34

Cross Section

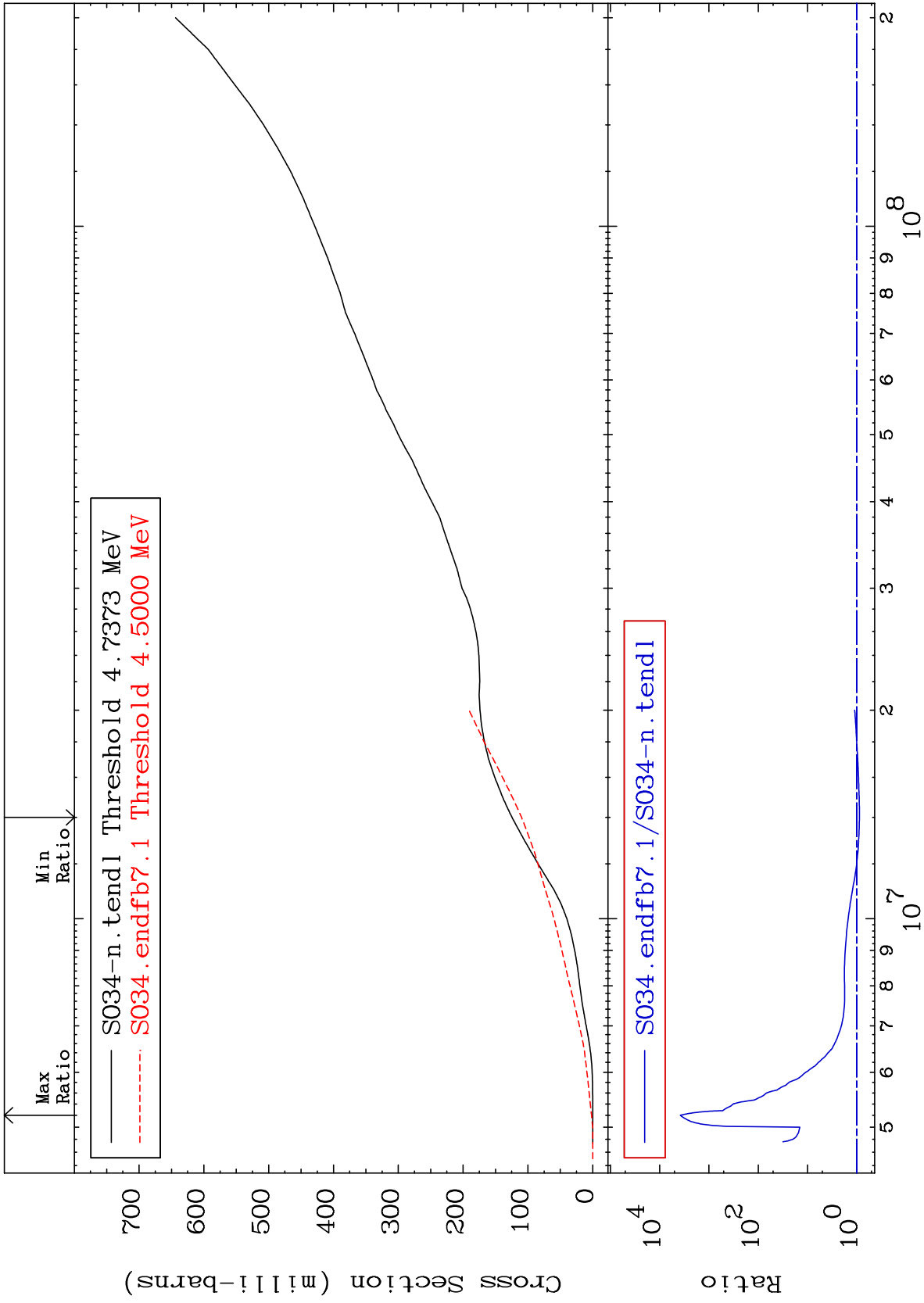
-61.10 To 6347. %



15

Incident Energy (eV)

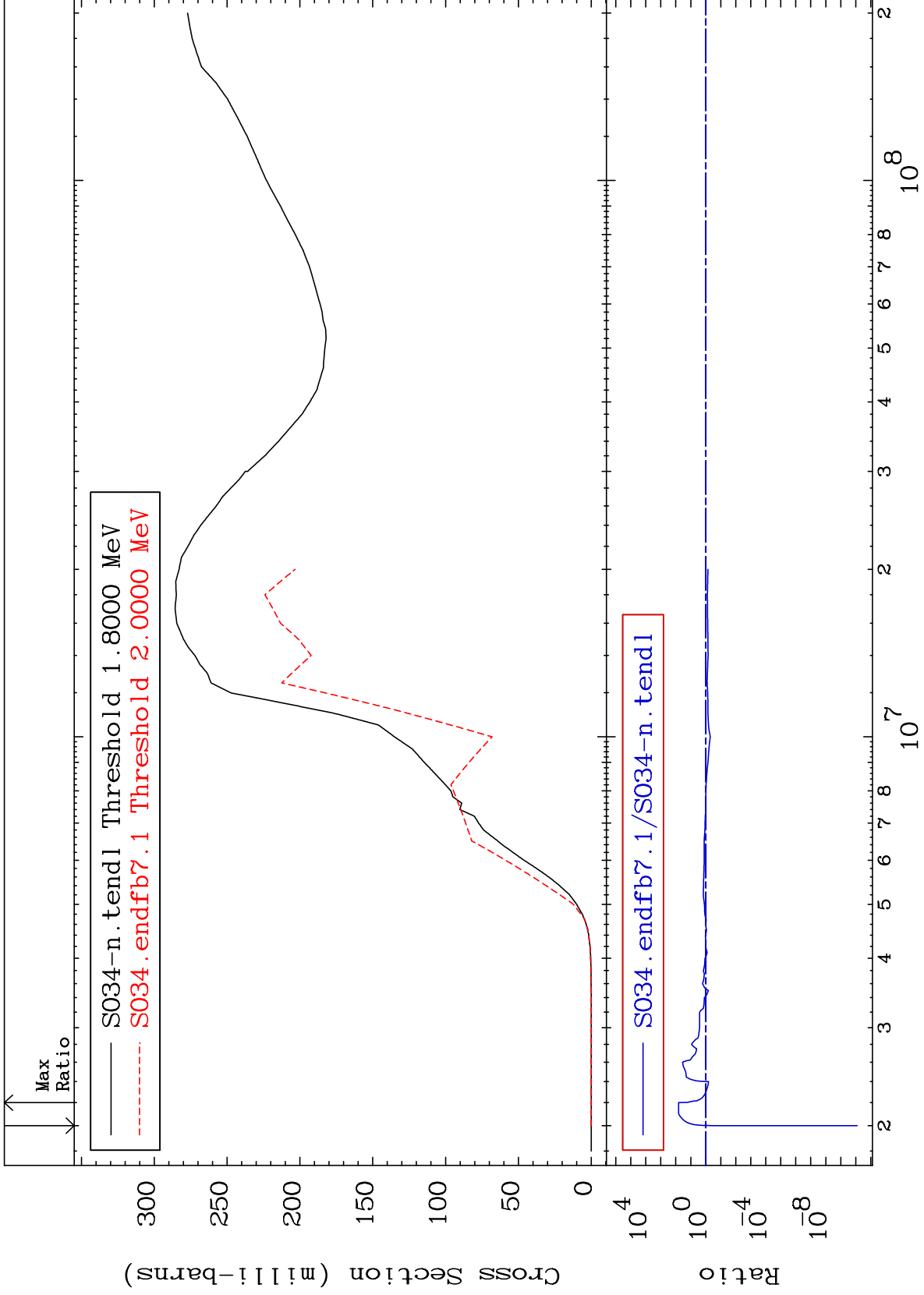
16-S -34



MAT 1631

He-4 Production
Cross Section

16-S -34
-100.0 To 6347. %



17

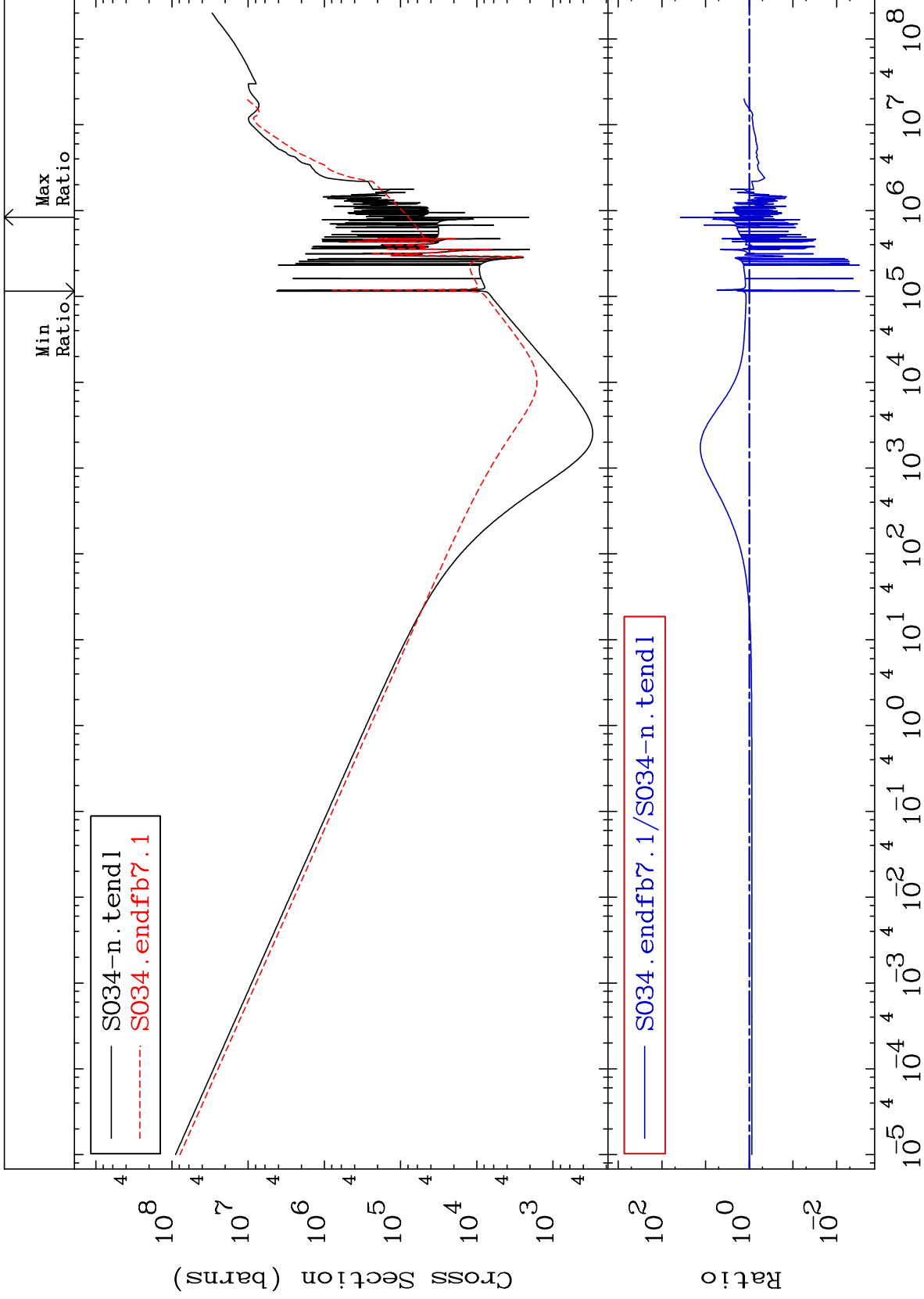
Incident Energy (eV)

16-S -34

MAT 1631

Kerma total (eV-barns)
Cross Section

16-S -34
-99.70 To 3675. %



18

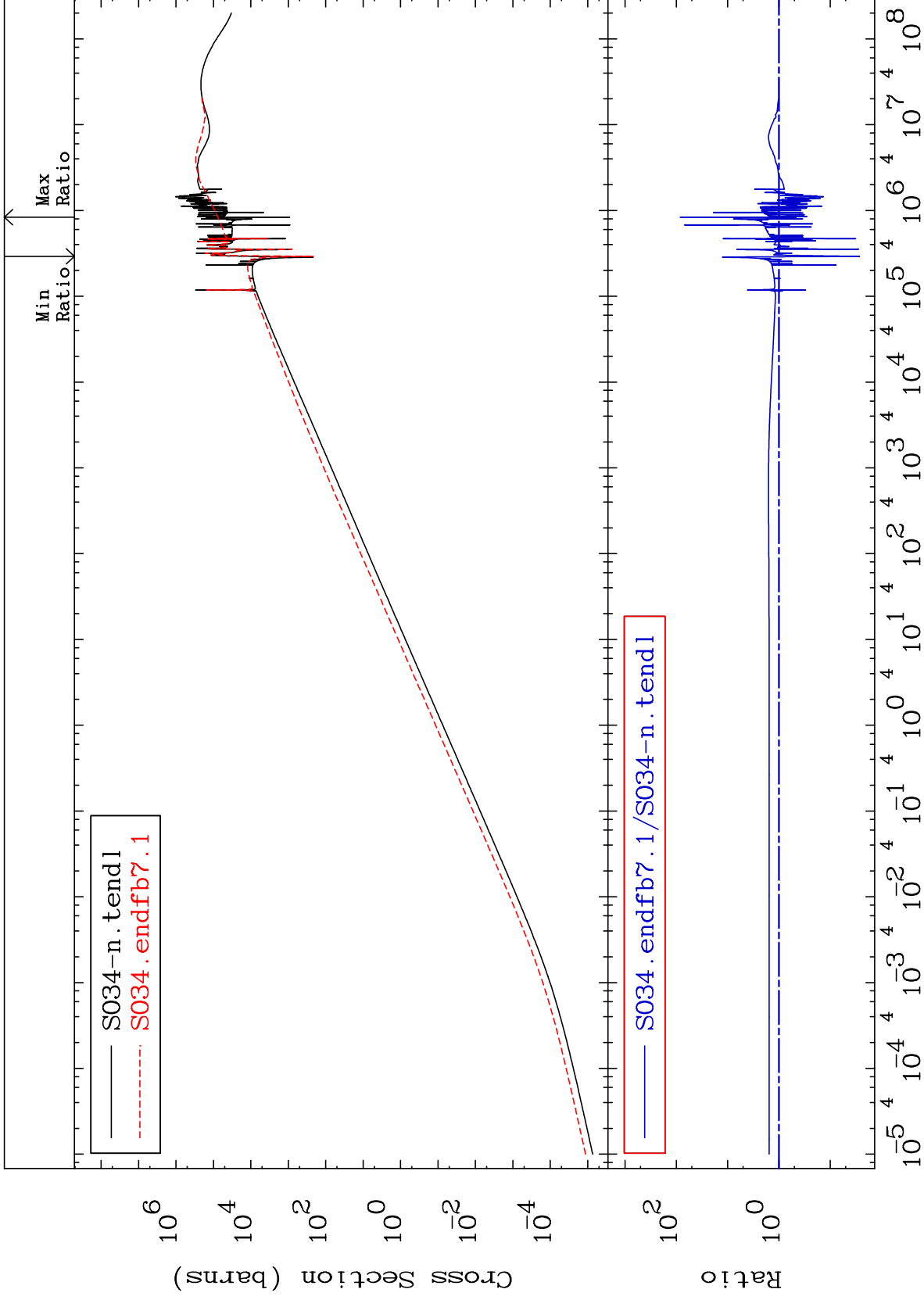
Incident Energy (eV)

16-S -34

MAT 1631

Kerma elastic
Cross Section

16-S -34
-97.29 To 8254. %



19

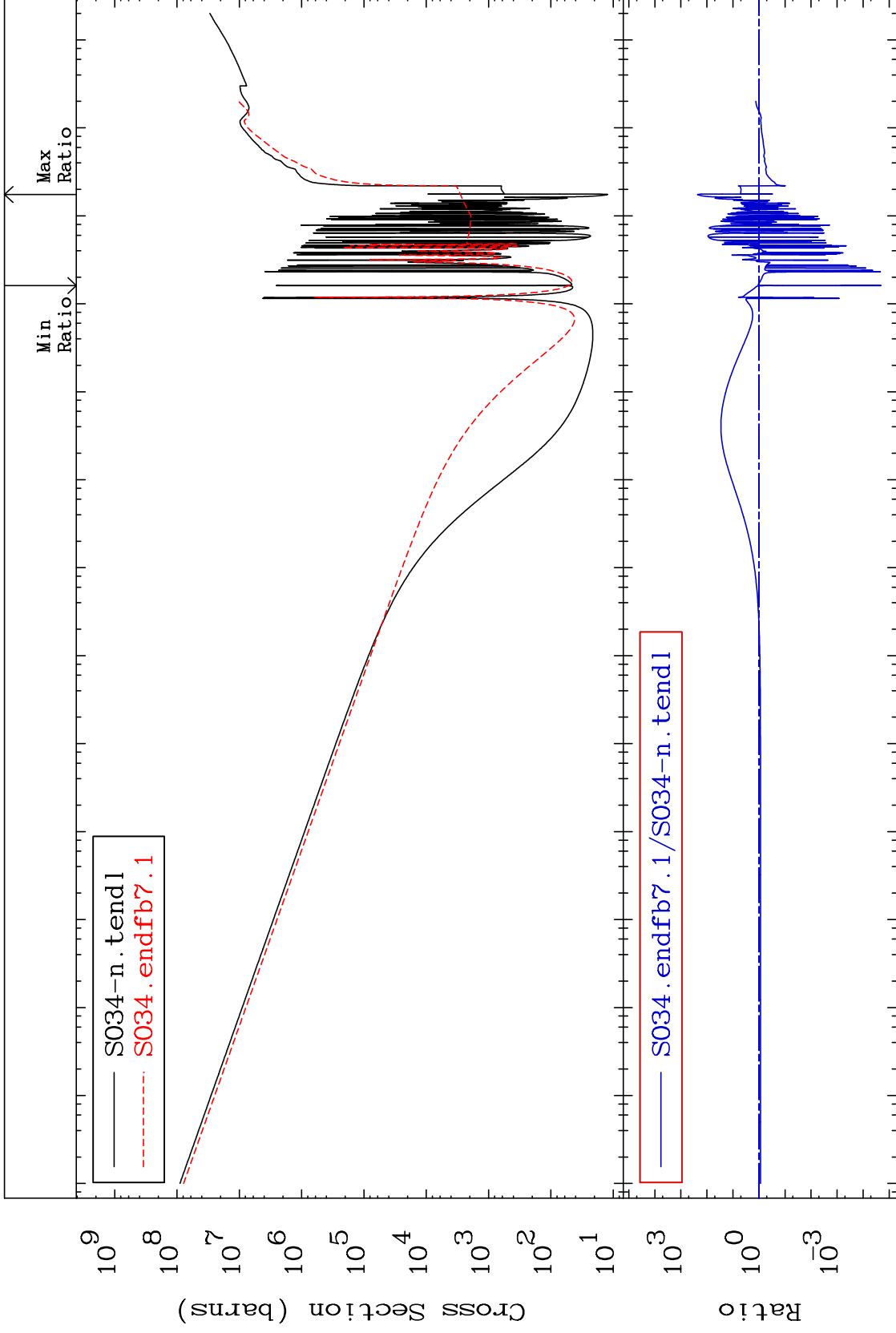
Incident Energy (eV)

16-S -34

MAT 1631

Kerma non-elastic (all but mt2)
Cross Section

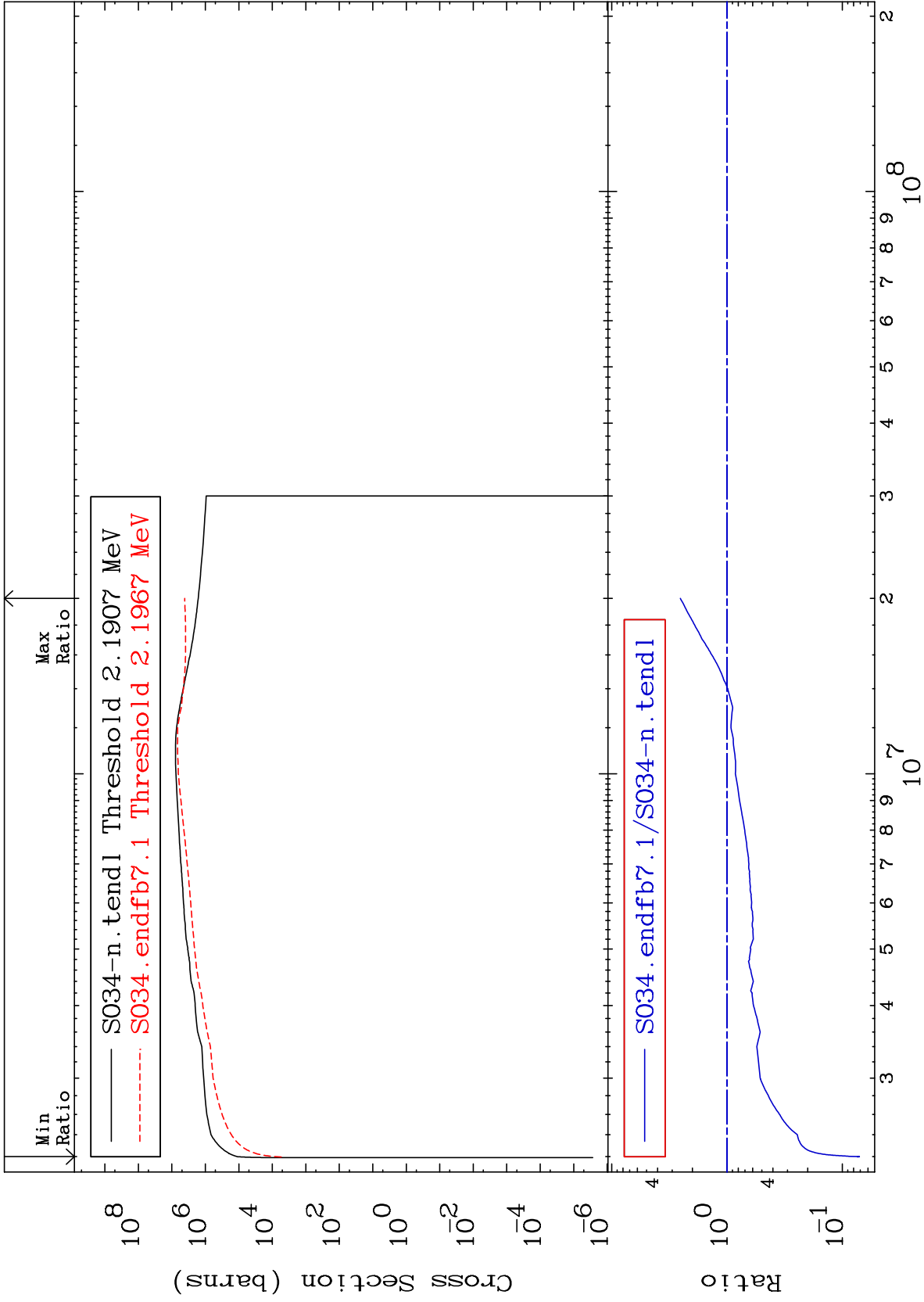
16-S -34
-100.0 To 9999. %



20

Incident Energy (eV)

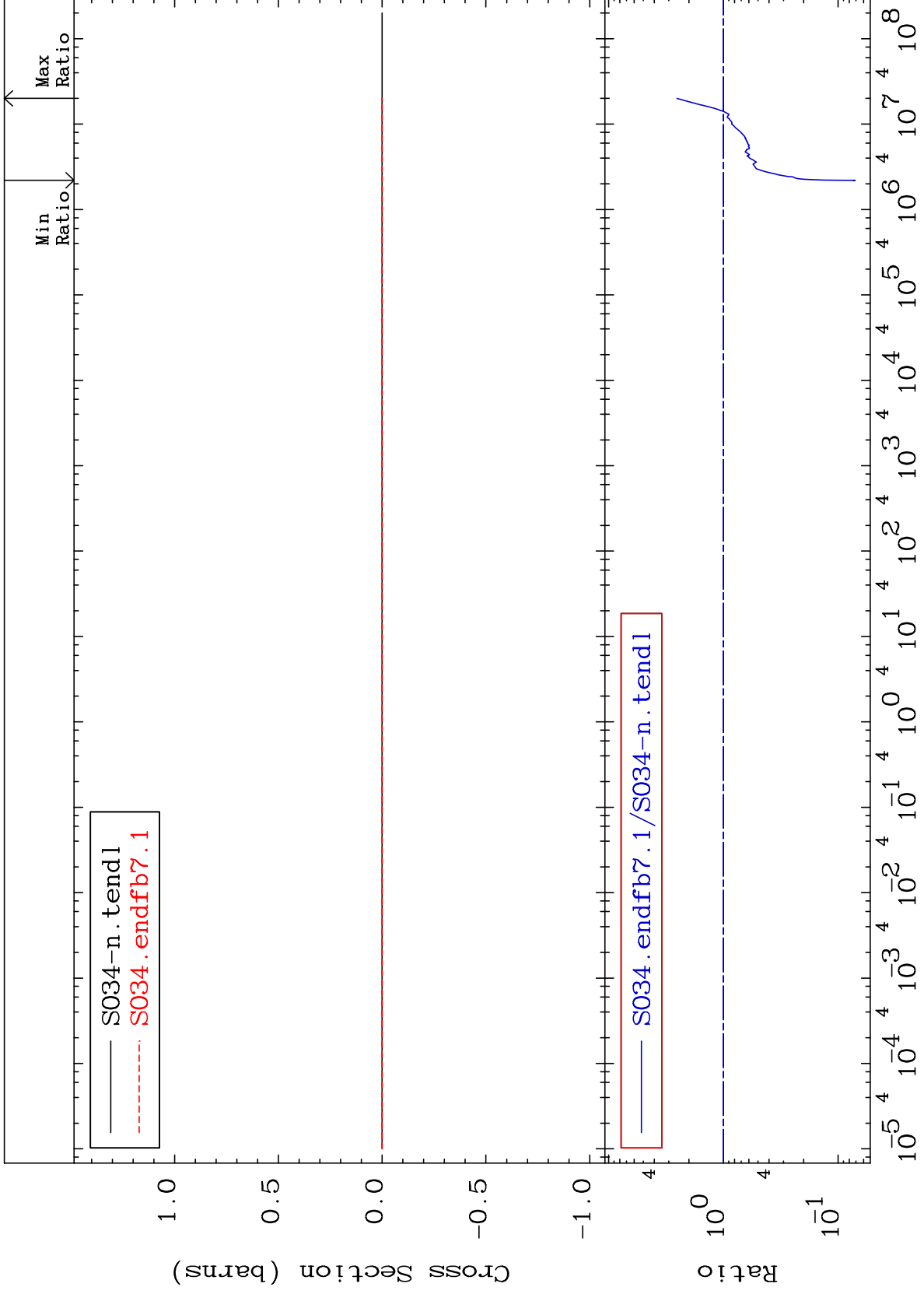
16-S -34



MAT 1631

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

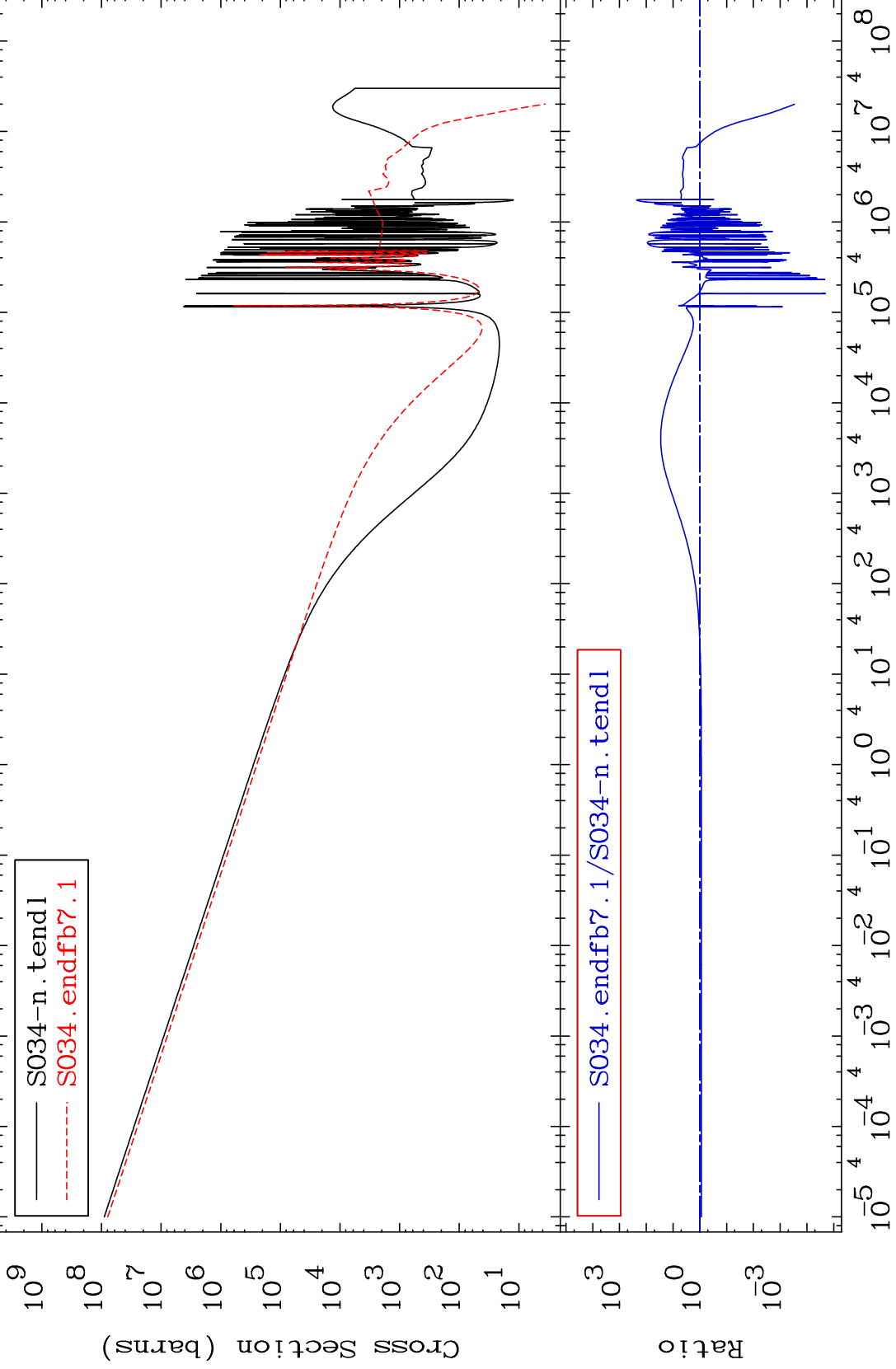
16-S -34
-92.88 To 154.3 %



MAT 1631

Kerma capture (mt102)
Cross Section

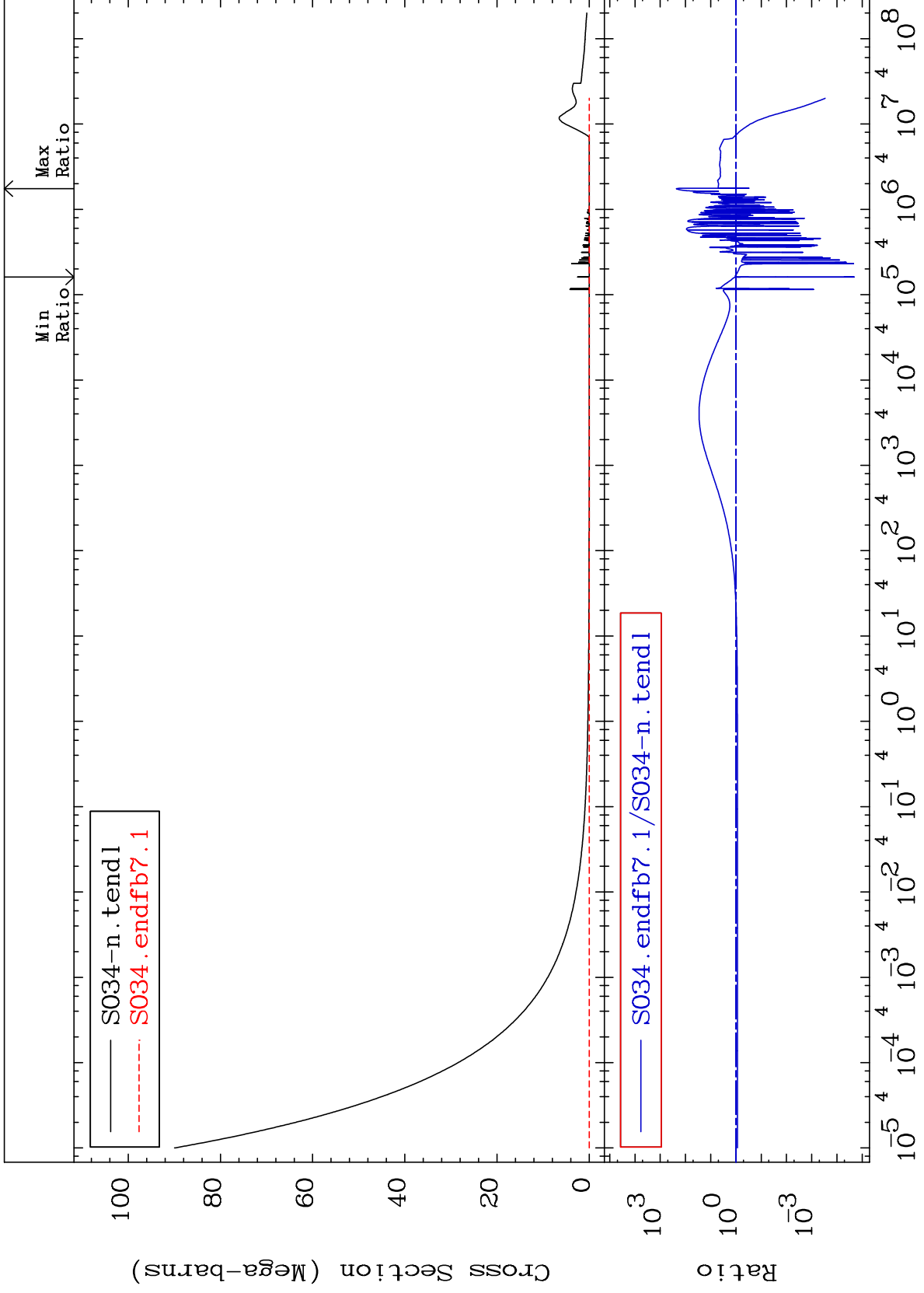
16-S -34
-100.0 To 9999. %



MAT 1631

Total photon (eV-barns)
Cross Section

16-S -34
-100.0 To 9999. %



24

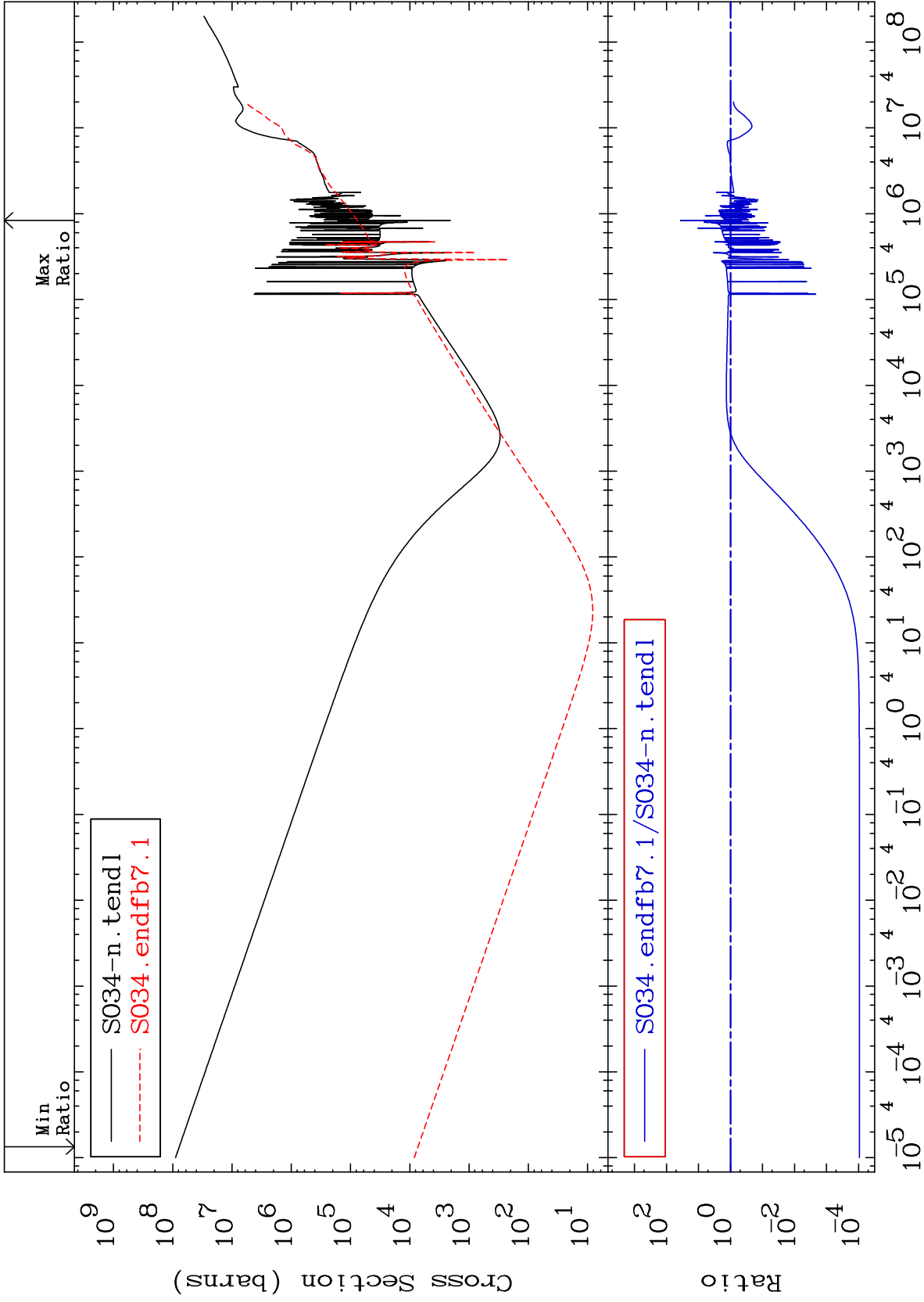
Incident Energy (eV)

16-S -34

MAT 1631

Total kinematic kerma (high limit)
Cross Section

16-S -34
-99.99 To 3581. %



25

Incident Energy (eV)

16-S -34

MAT 1631

Dpa total (eV-barns)
Cross Section

16-S -34
-97.24 To 8287. %

