

MAT 1928

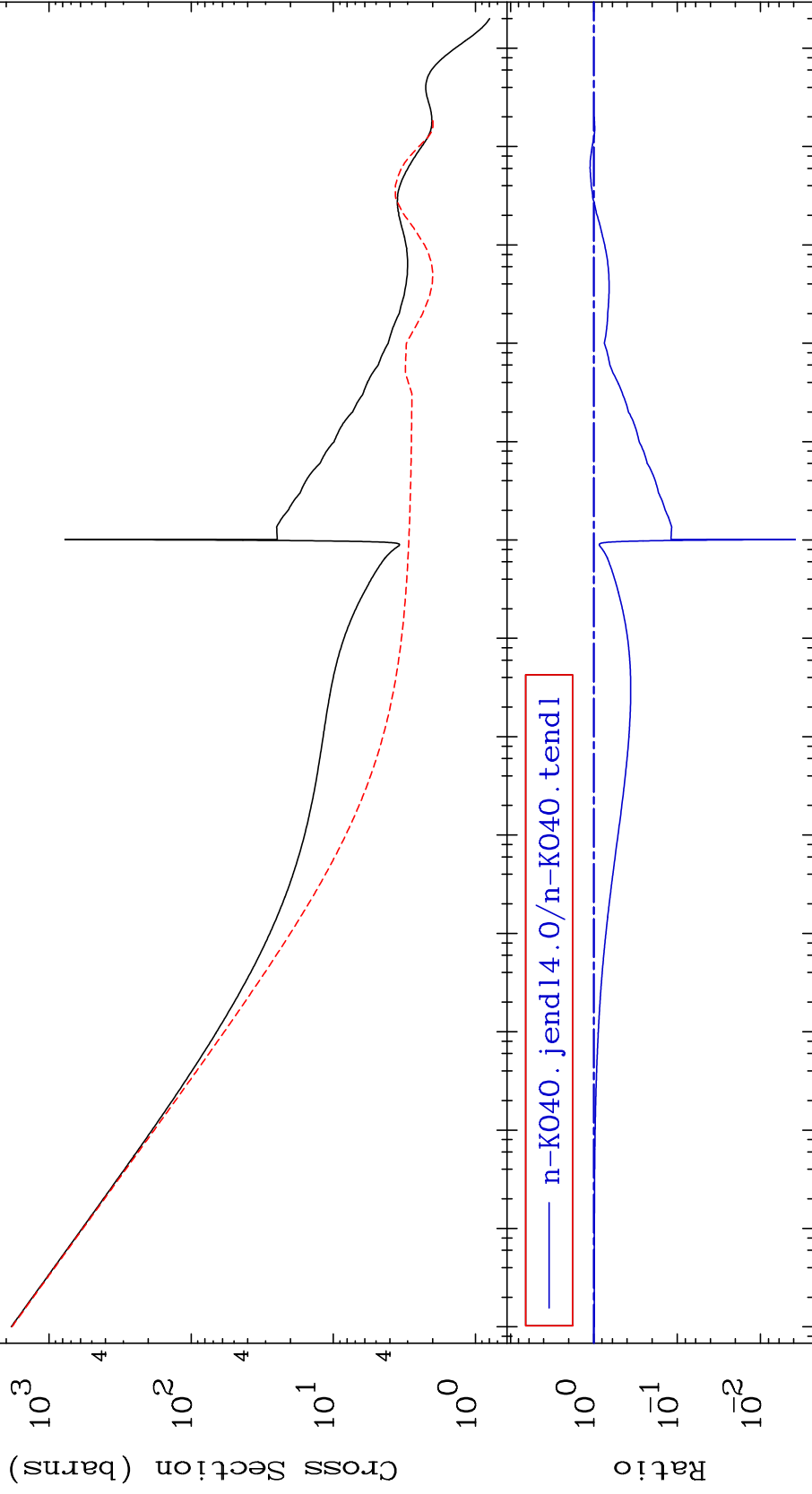
Total
Cross Section

19-K -40
-99.62 To 11.14 %

— n-K040.tendl
- - - n-K040.jendl4.0

Min
Ratio

Max
Ratio

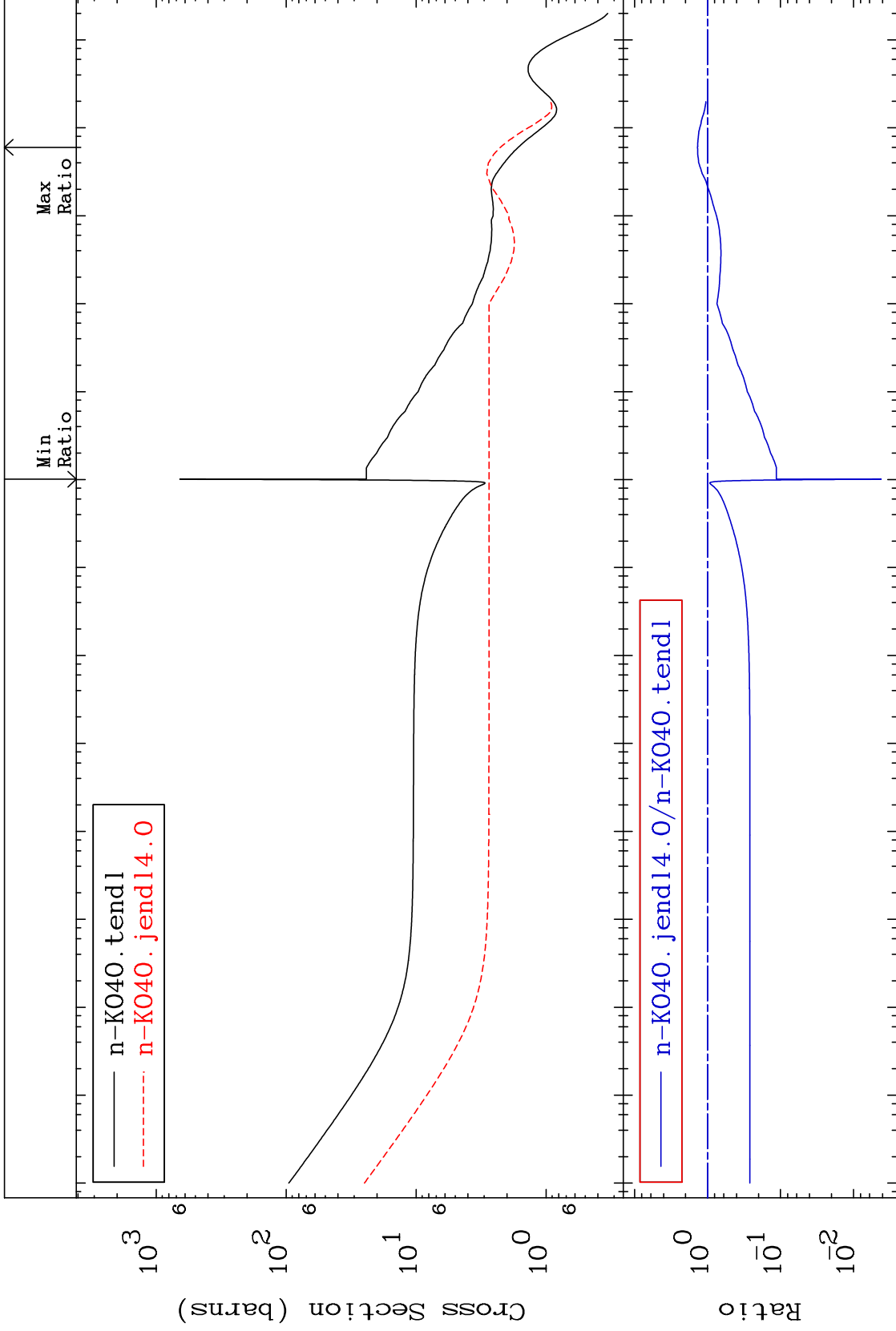


n-K040.jendl4.0/n-K040.tendl

MAT 1928

Elastic
Cross Section

19-K -40
-99.58 To 37.28 %



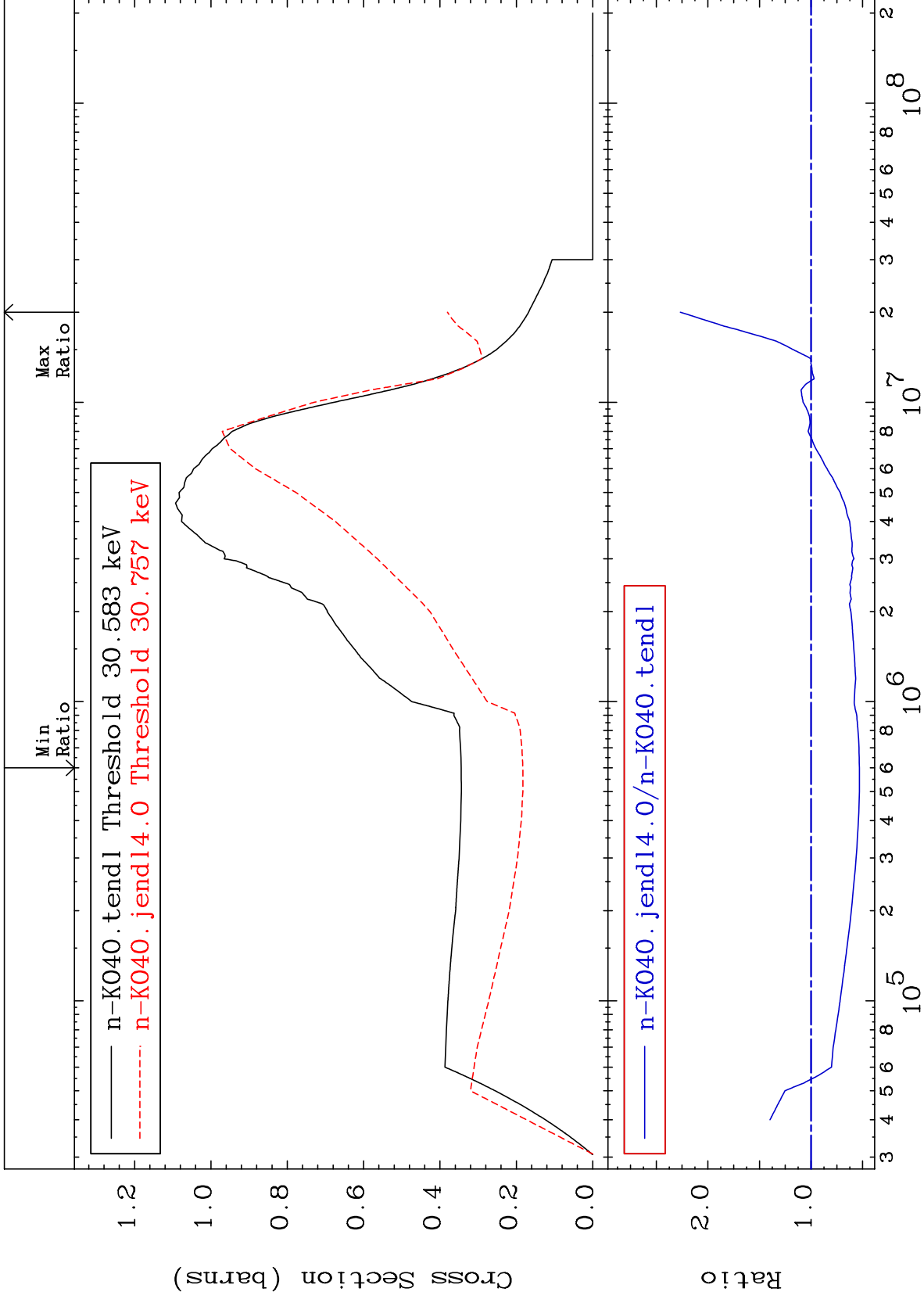
Incident Energy (eV)

19-K -40

MAT 1928

Inelastic
Cross Section

19-K -40
-46.88 To 126.7 %



3

Incident Energy (eV)

19-K -40

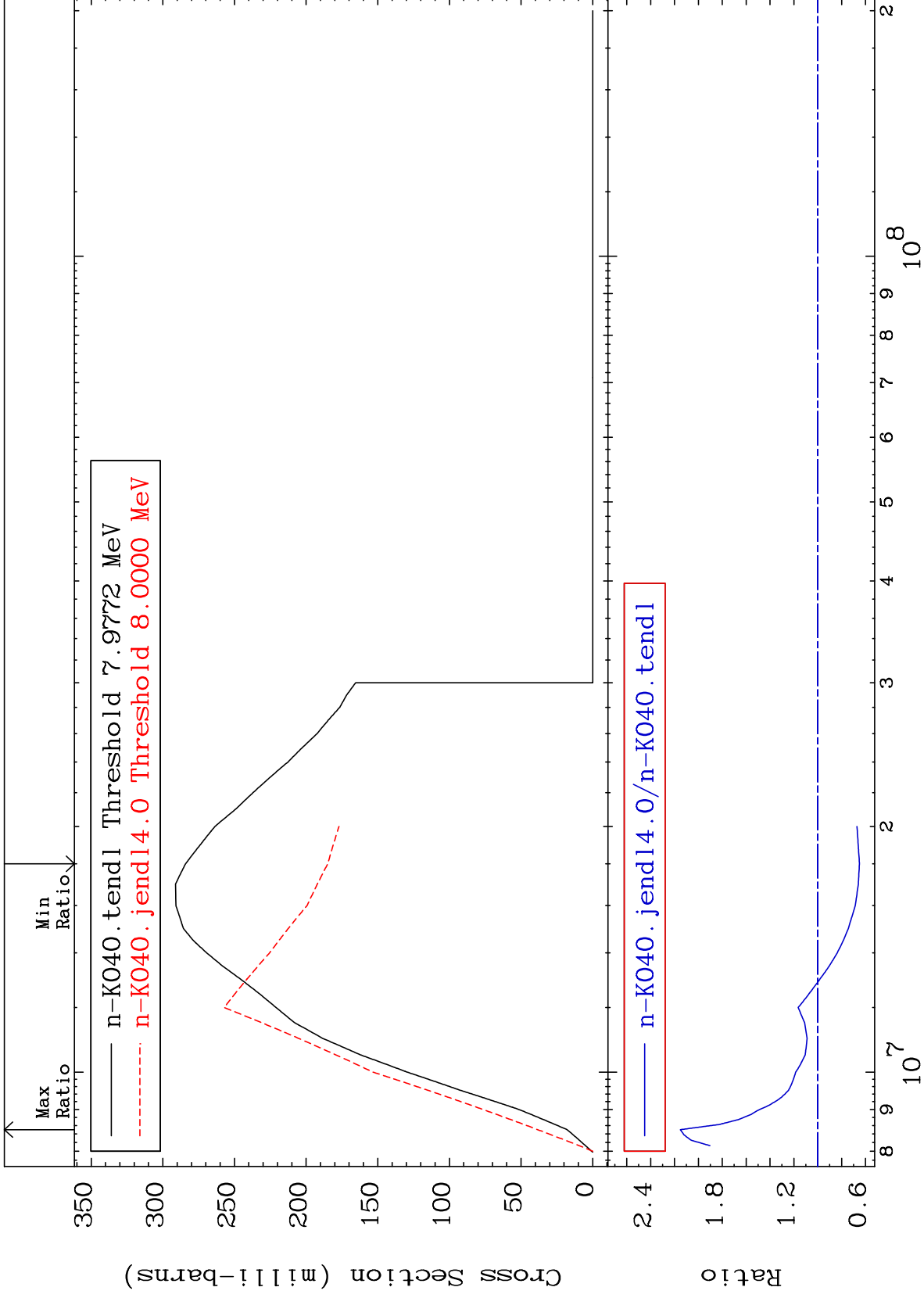
MAT 1928

(n,2n)

19-K -40

Cross Section

-34.92 To 115.1 %



4

Incident Energy (eV)

19-K -40

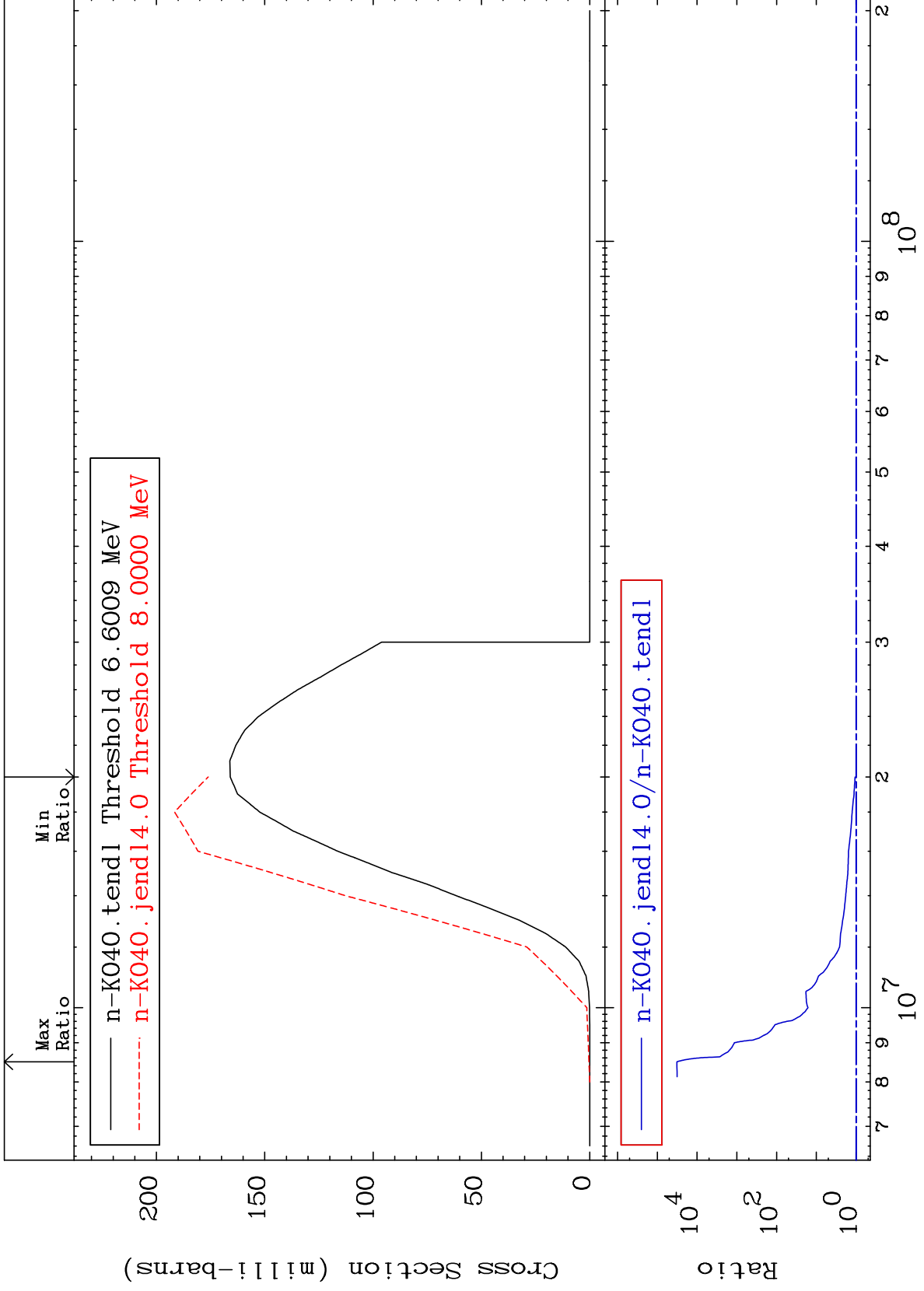
MAT 1928

(n, n') α

Cross Section

19-K -40

6.137 To 9999. %



5

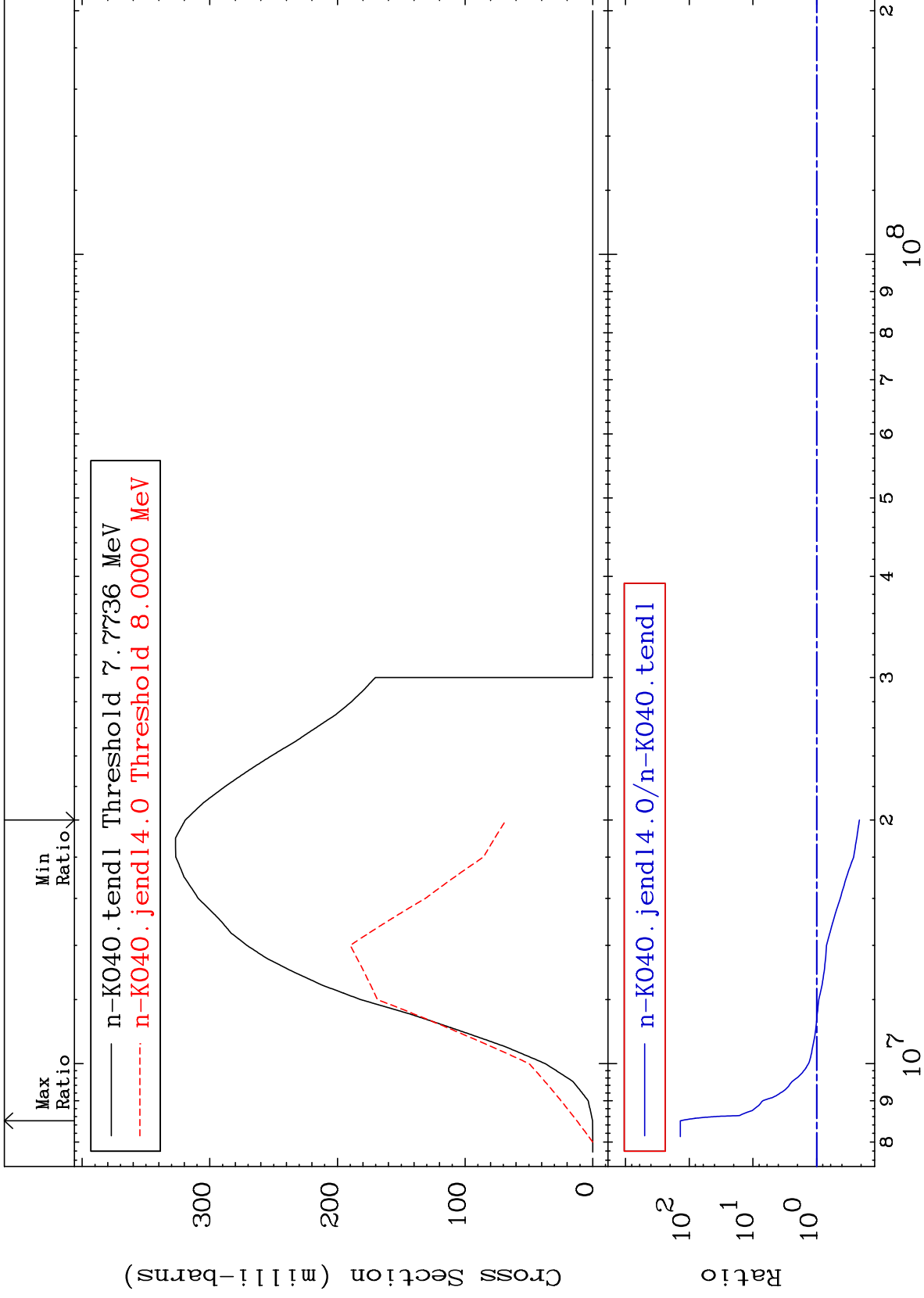
Incident Energy (eV)

19-K -40

MAT 1928

(n,n') p
Cross Section

19-K -40
-78.73 To 9999. %



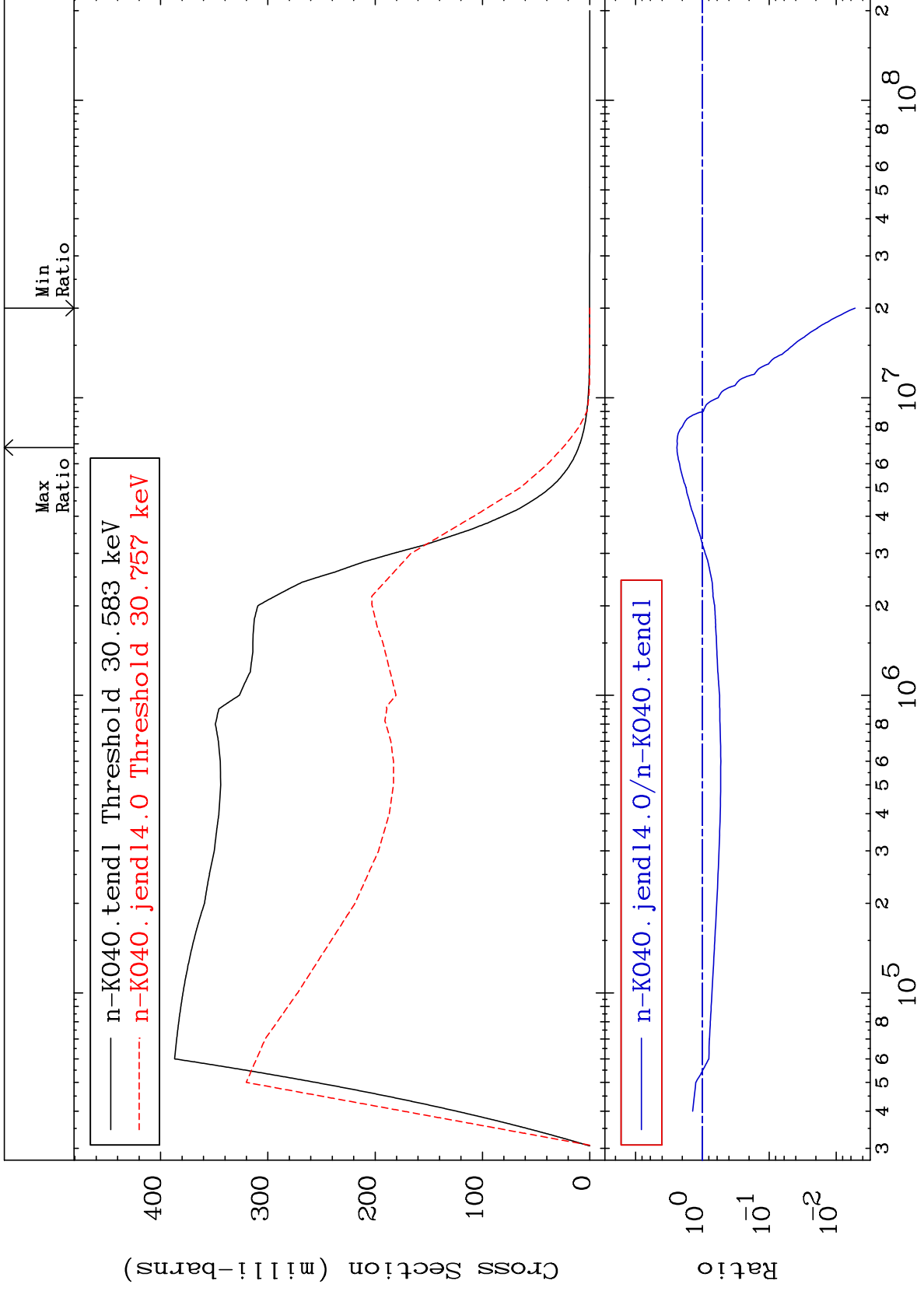
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19-K -40

MAT 1928

MT= 51 (n,n') Level
Cross Section

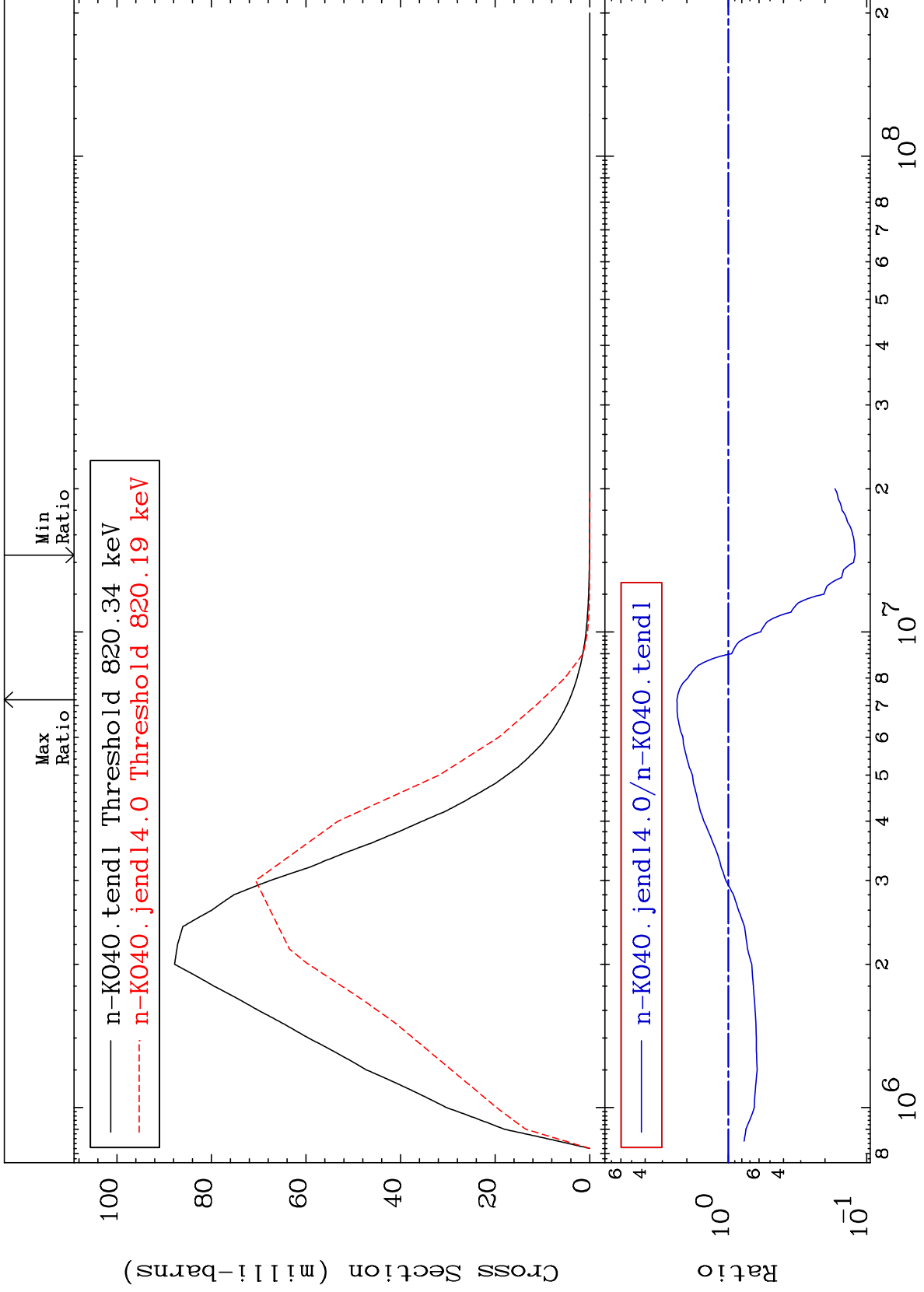
19-K -40
-99.48 To 140.4 %



MAT 1928

MT= 52 (n,n') Level
Cross Section

19-K -40
-87.87 To 135.6 %



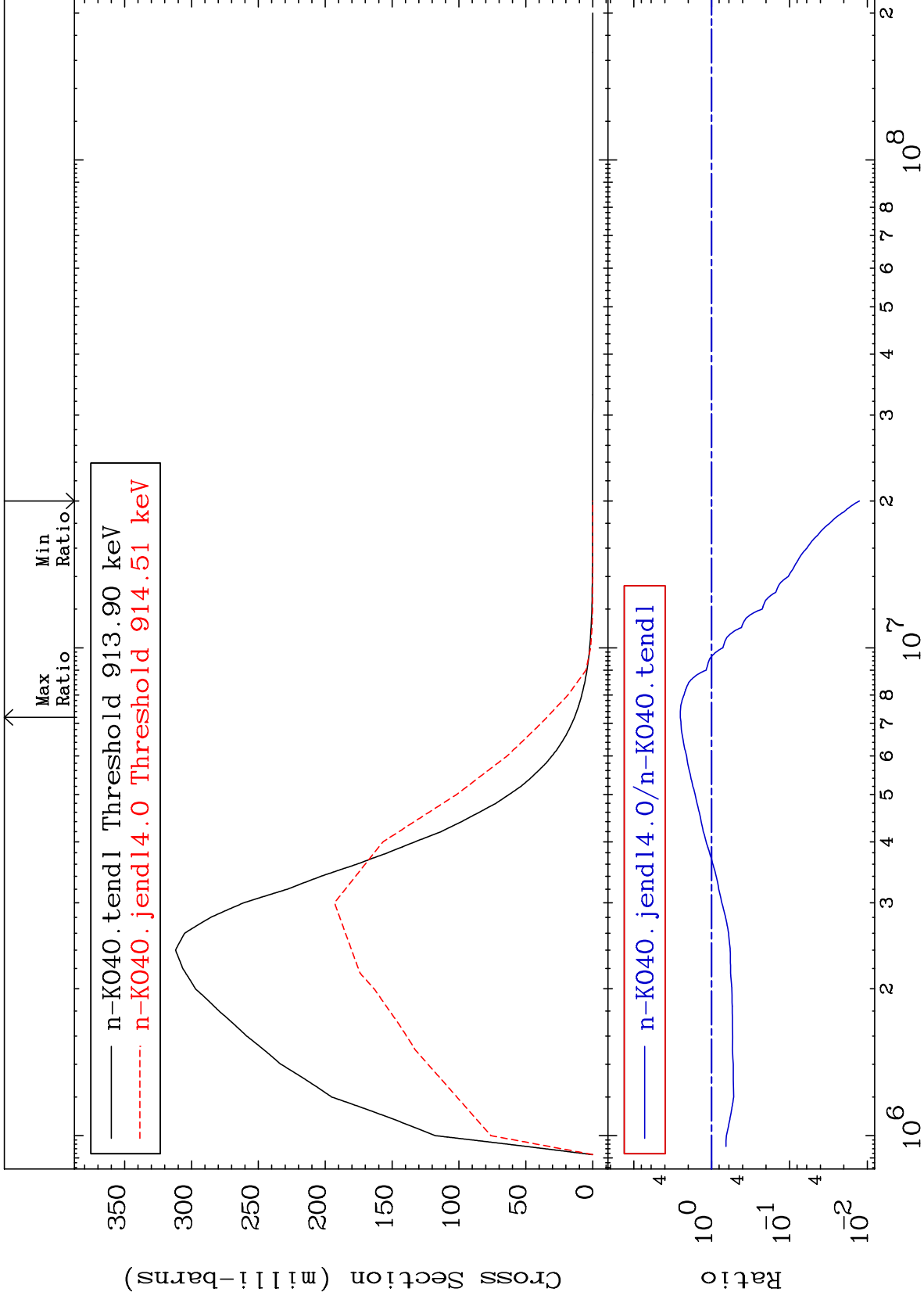
Incident Energy (eV)

19-K -40

MAT 1928

MT= 53 (n,n') Level
Cross Section

19-K -40
-98.74 To 152.5 %



9

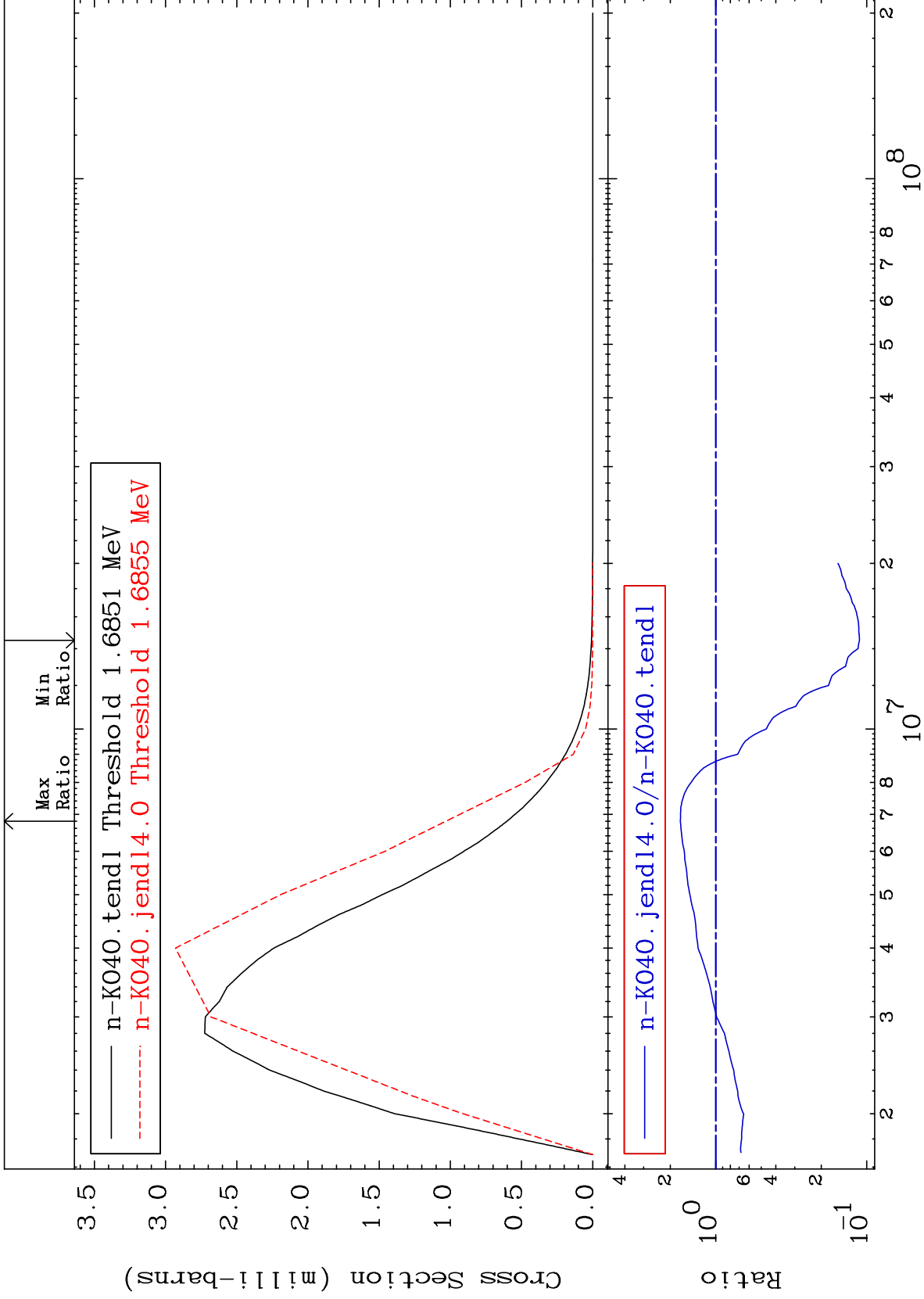
Incident Energy (eV)

19-K -40

MAT 1928

MT= 54 (n,n') Level
Cross Section

19-K -40
-88.82 To 71.39 %



10

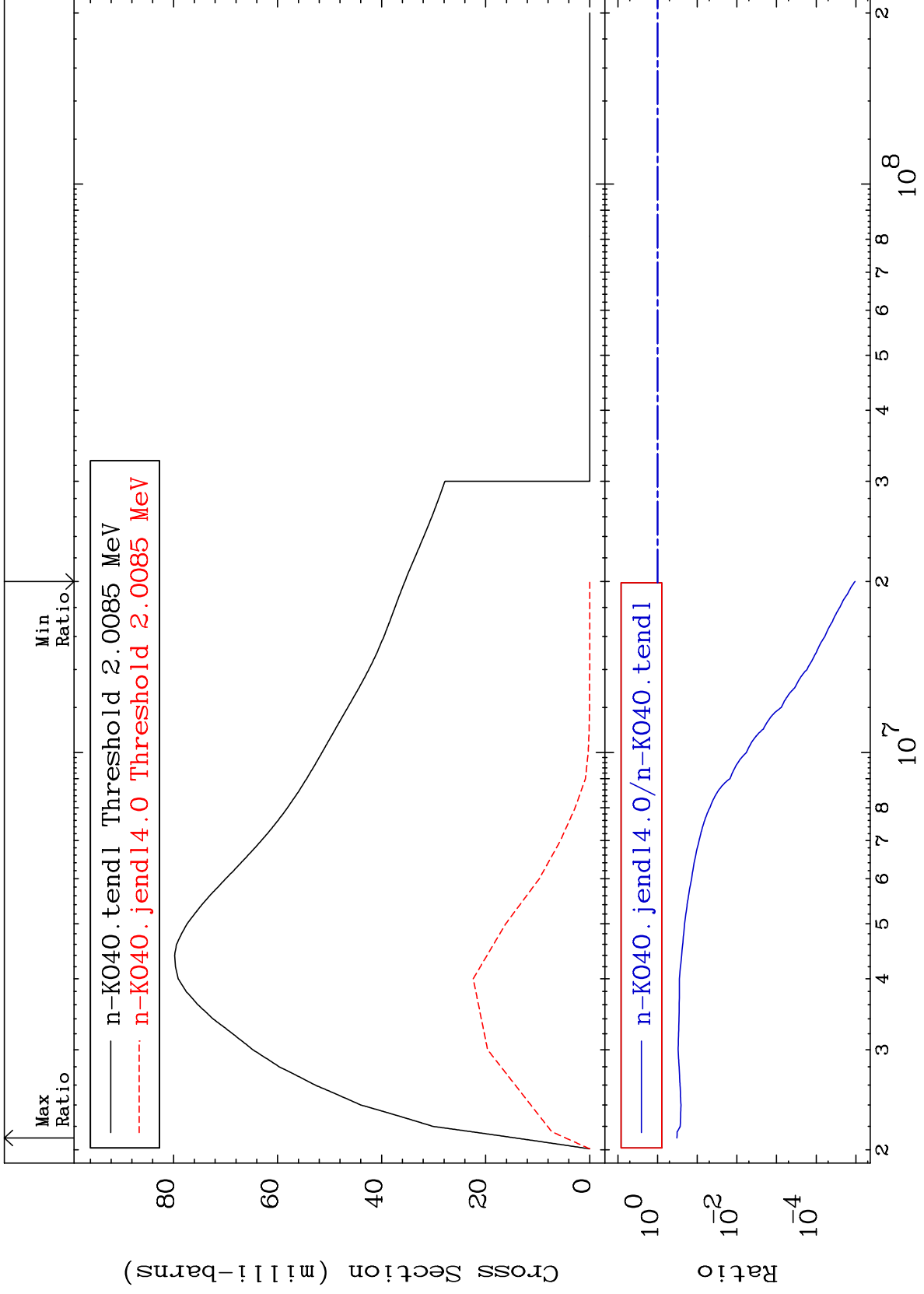
Incident Energy (eV)

19-K -40

MAT 1928

MT= 55 (n,n') Level
Cross Section

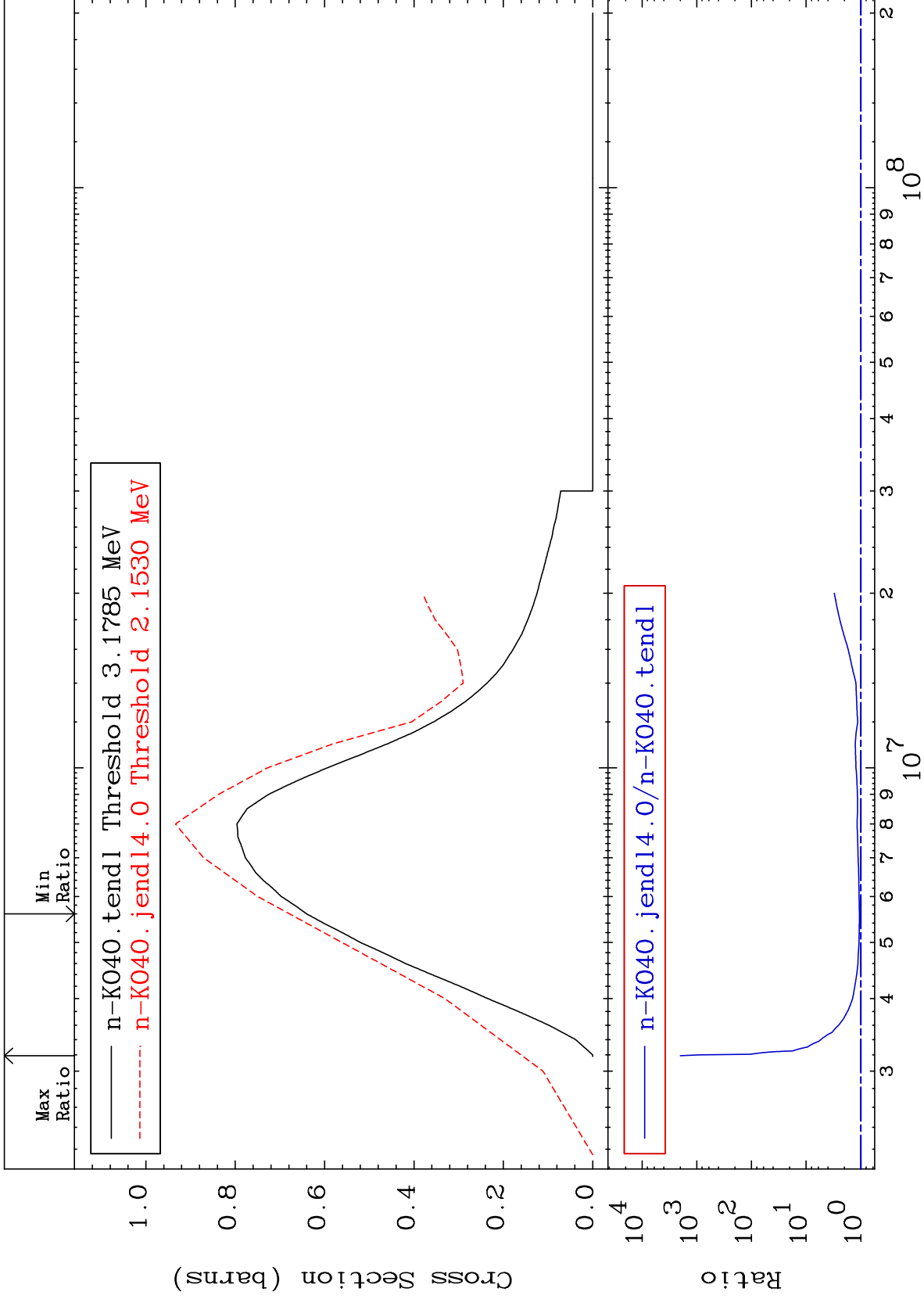
19-K -40
-100.0 To -67.51%



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Incident Energy (eV)

19-K -40



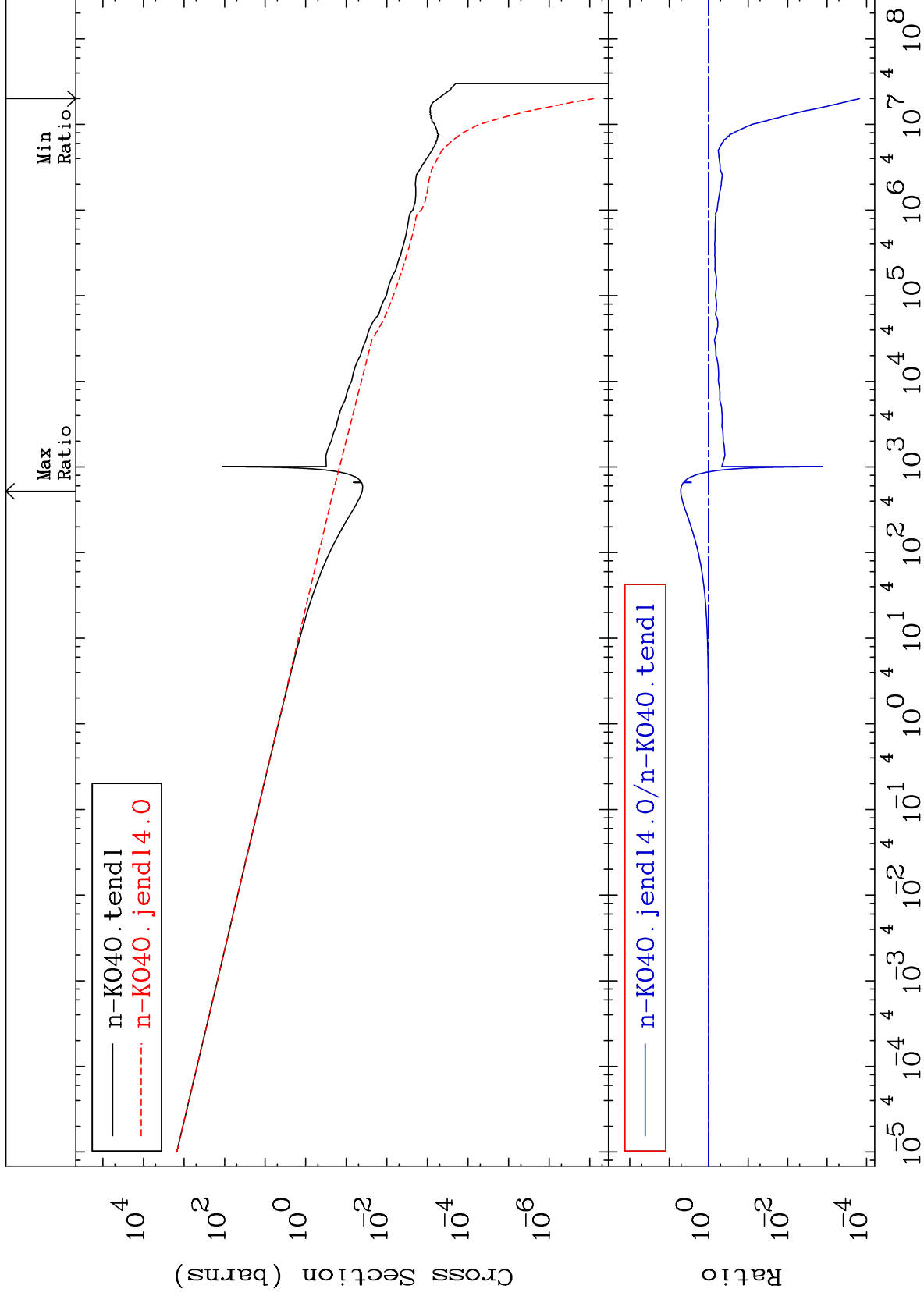
MAT 1928

(n, γ)

19-K -40

Cross Section

-99.98 To 410.3 %



Incident Energy (eV)

19-K -40

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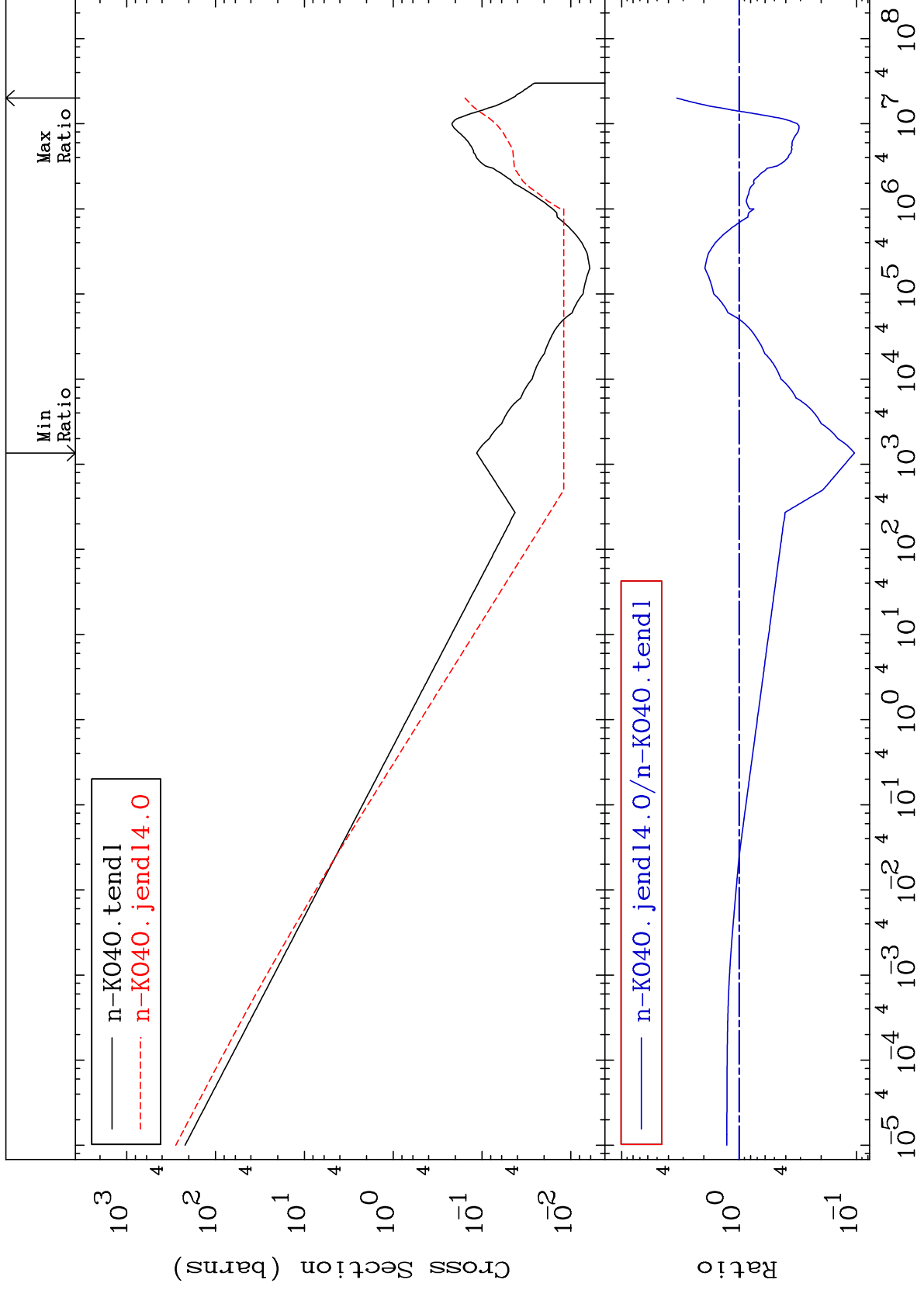
MAT 1928

(n,p)

Cross Section

19-K -40

-89.57 To 239.3 %



— n-K040.tendl
- - - n-K040.jendl4.0

— n-K040.jendl4.0/n-K040.tendl

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Incident Energy (eV)

19-K -40

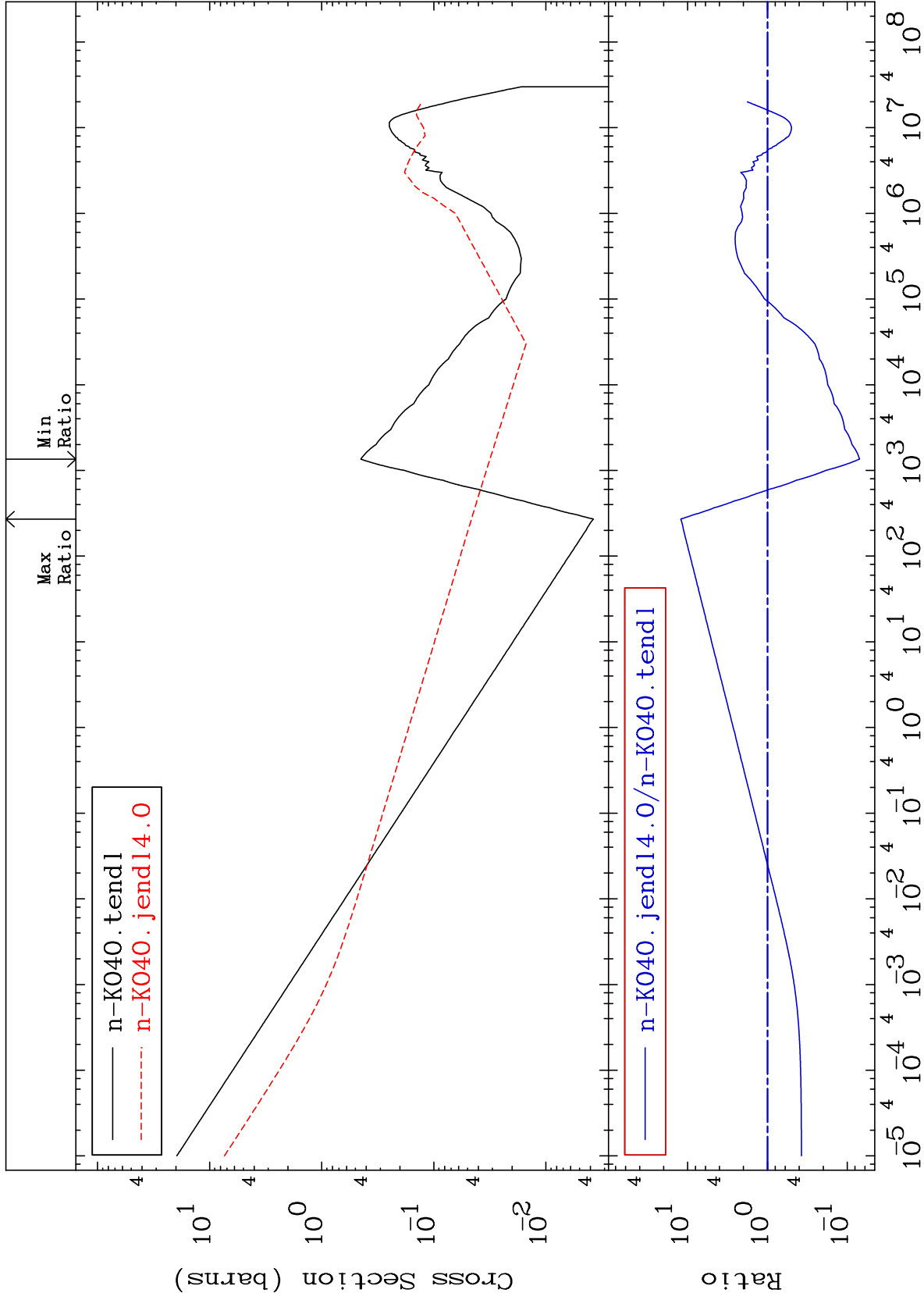
MAT 1928

(n, α)

19-K -40

-92.97 To 1121. %

Cross Section



15

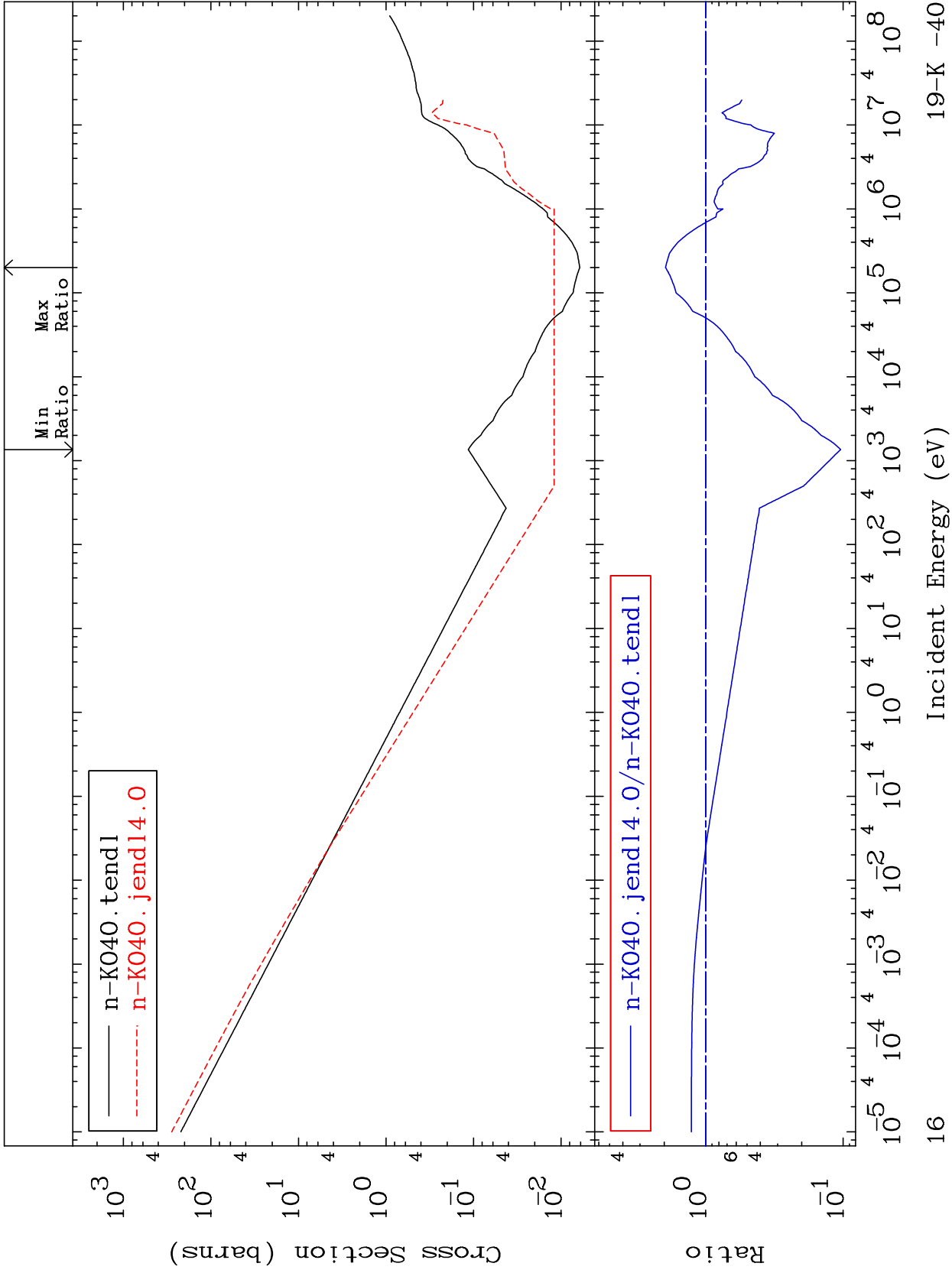
Incident Energy (eV)

19-K -40

MAT 1928

Hydrogen Production Cross Section

19-K -40
-89.57 To 95.93 %



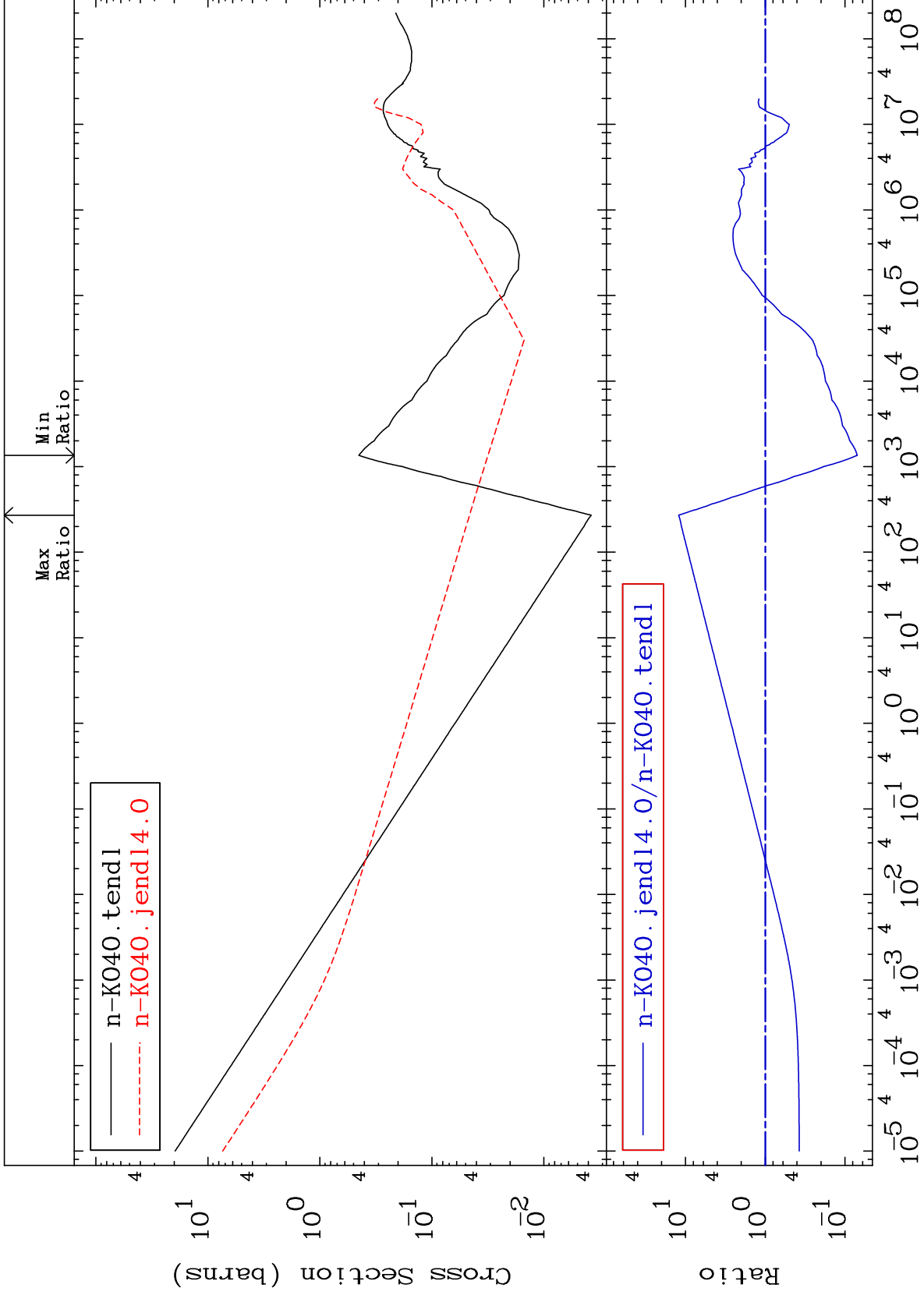
16

19-K -40

MAT 1928

He-4 Production
Cross Section

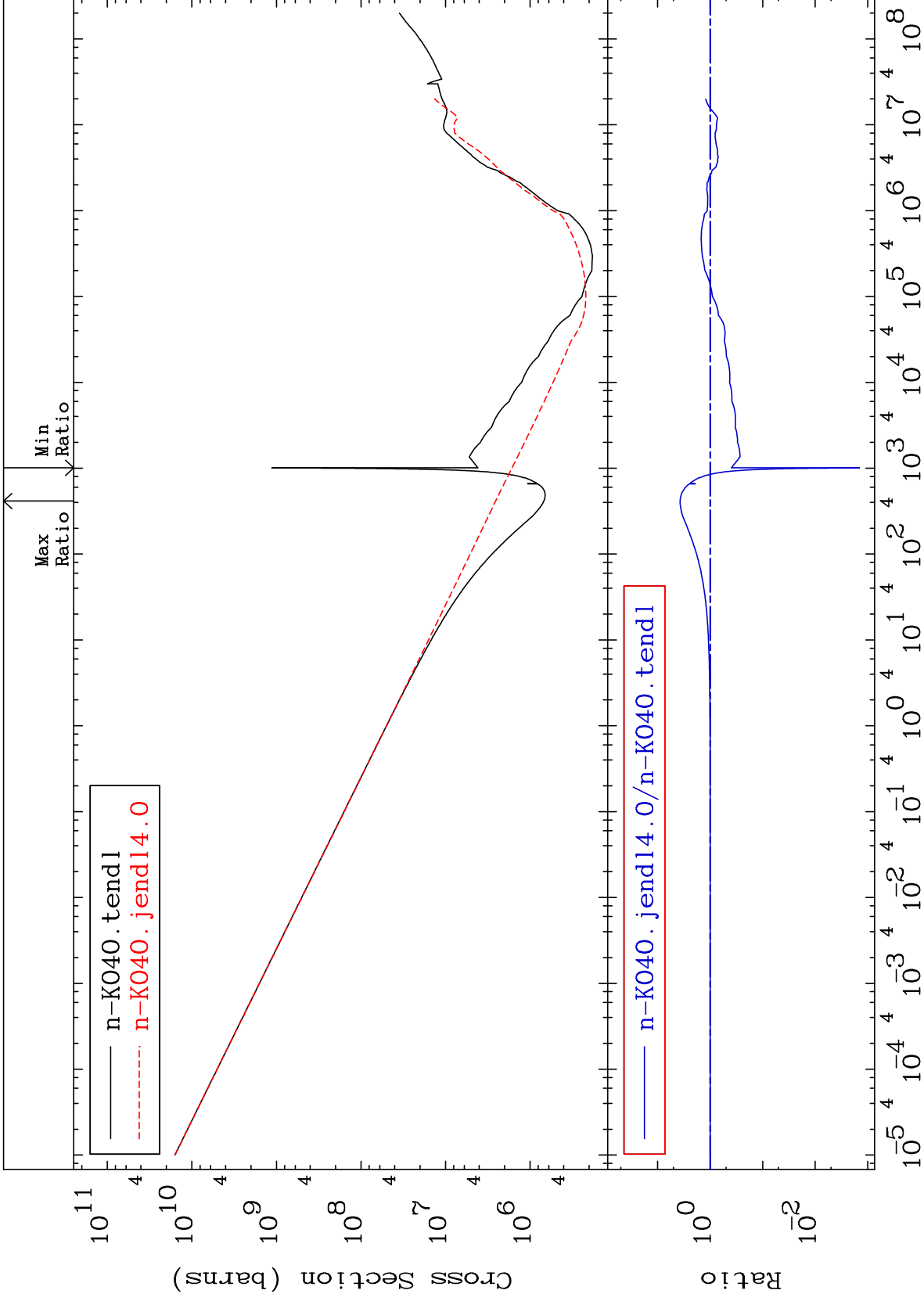
19-K -40
-92.97 To 1121. %



Incident Energy (eV)

19-K -40

17

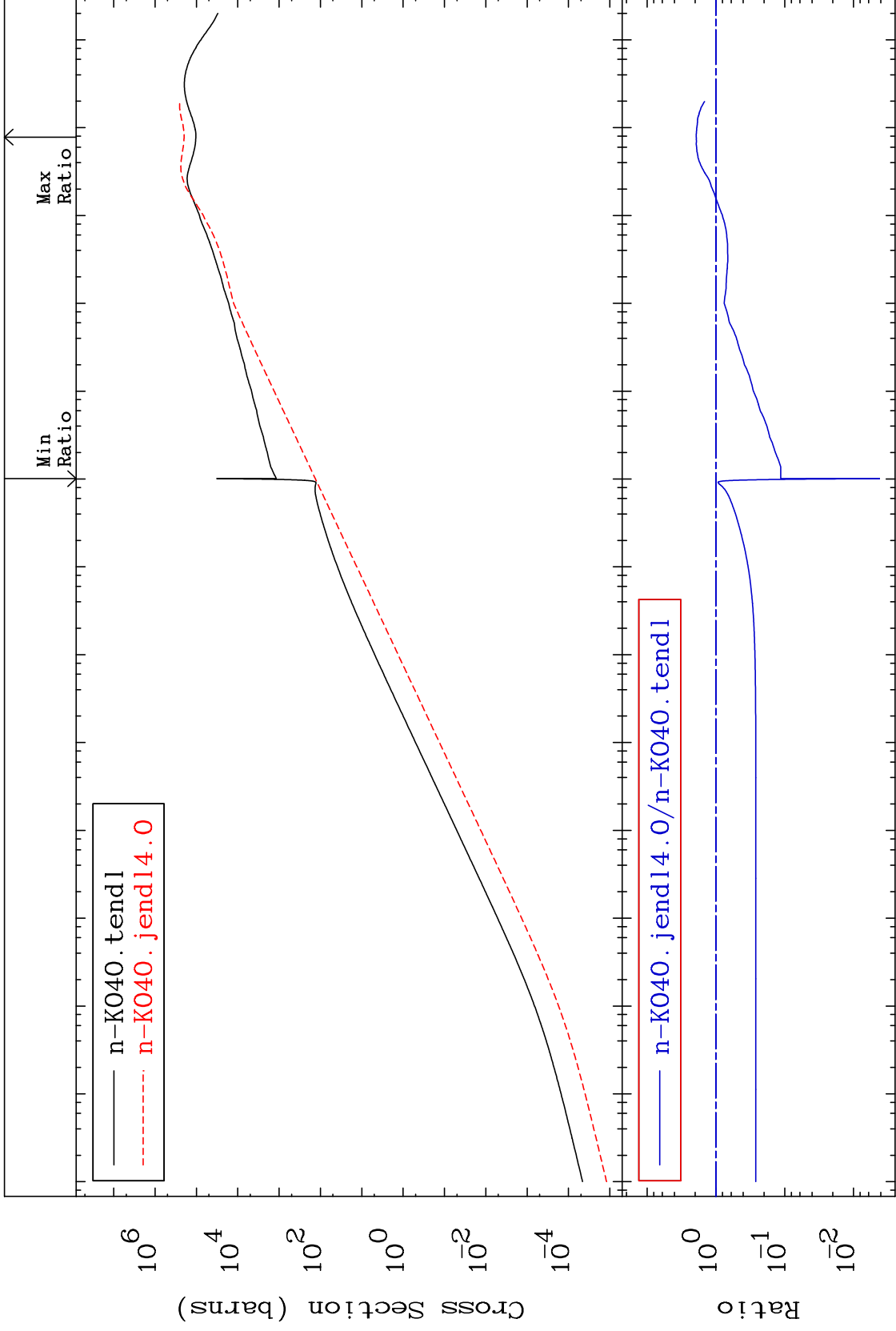


MAT 1928

Kerma elastic
Cross Section

19-K -40
-99.58 To 92.84 %

— n-K040.tendl
- - - n-K040.jendl4.0



19

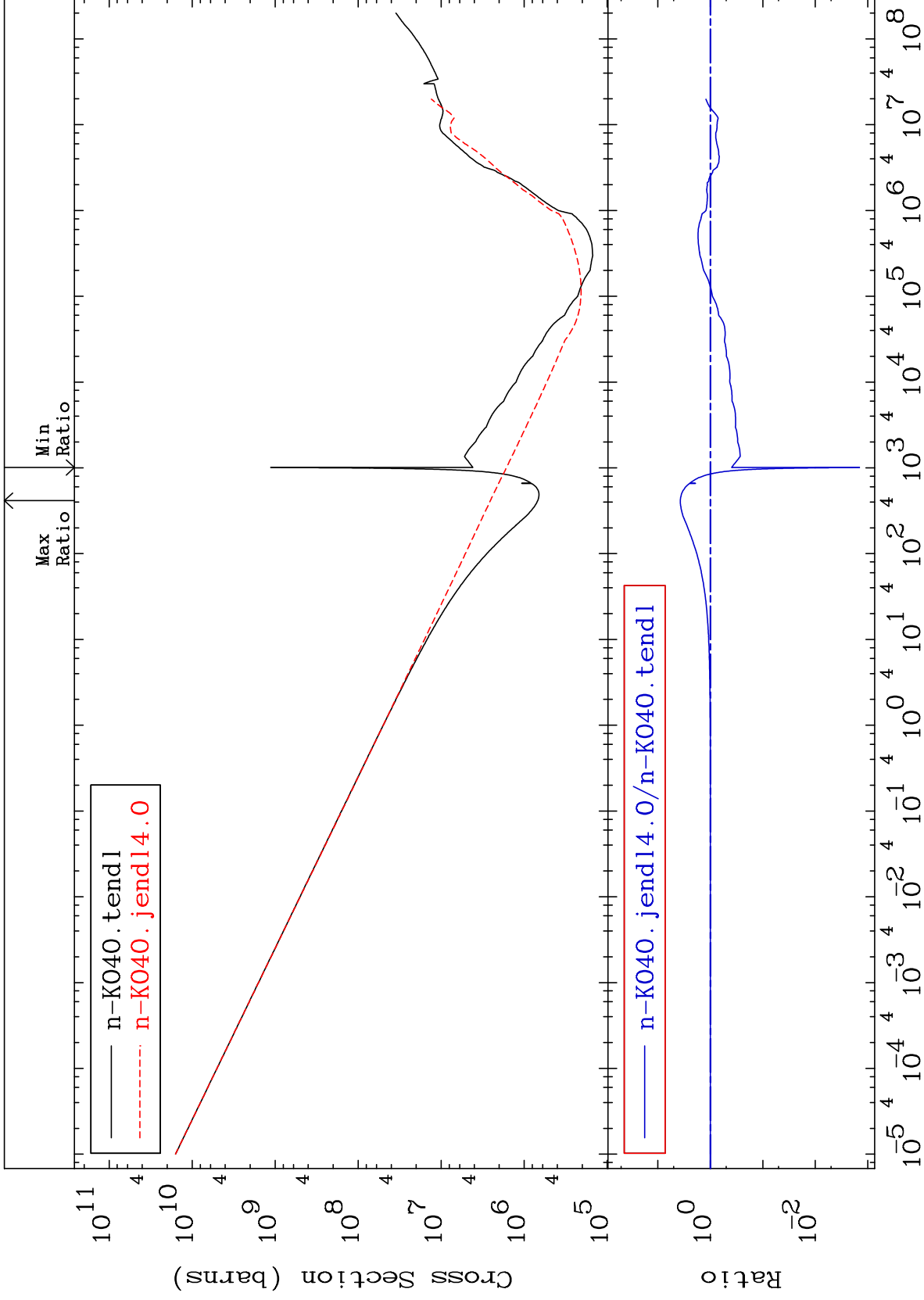
Incident Energy (eV)

19-K -40

MAT 1928

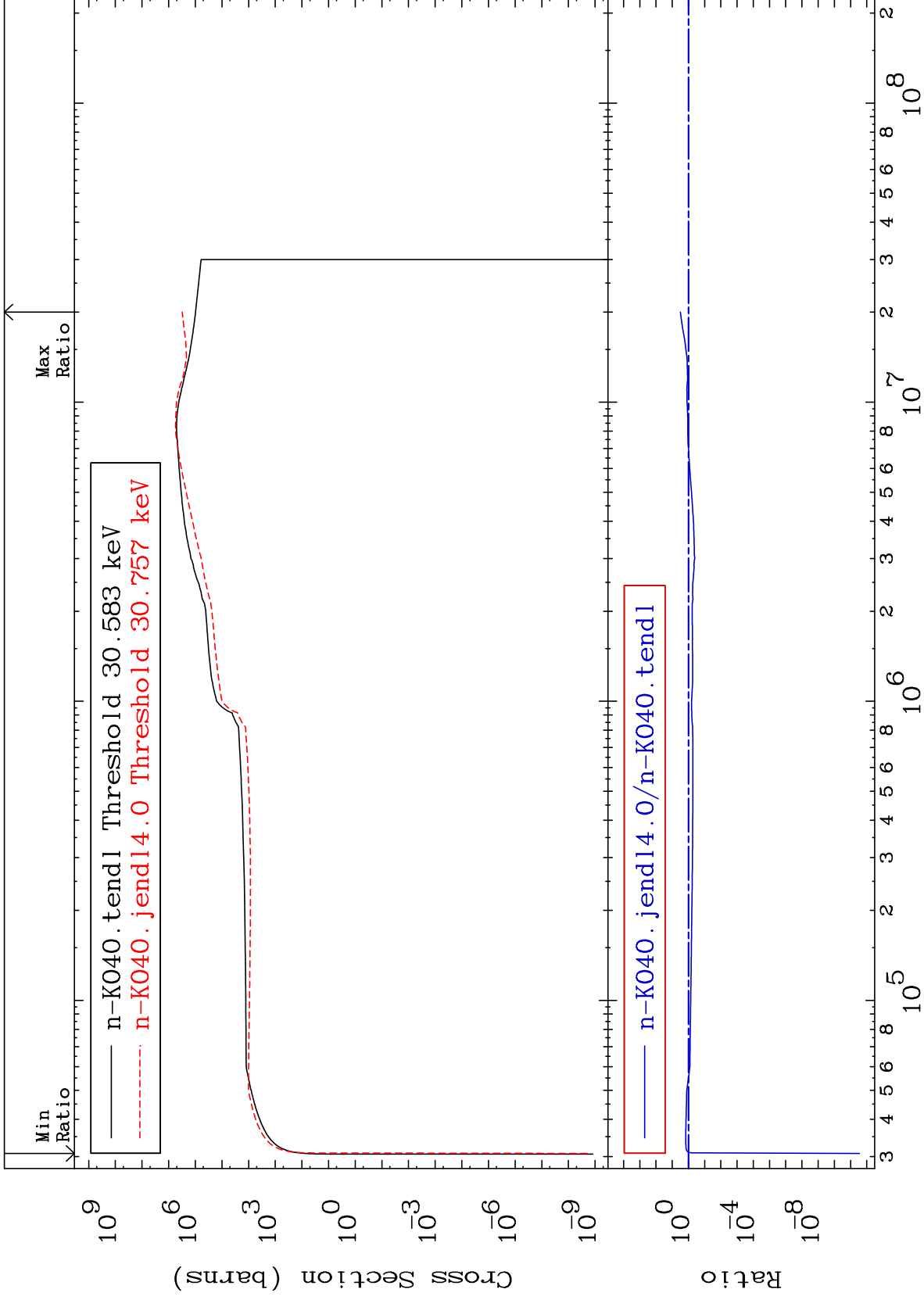
Kerma non-elastic (all but mt2)
Cross Section

19-K -40
-99.86 To 271.8 %



20

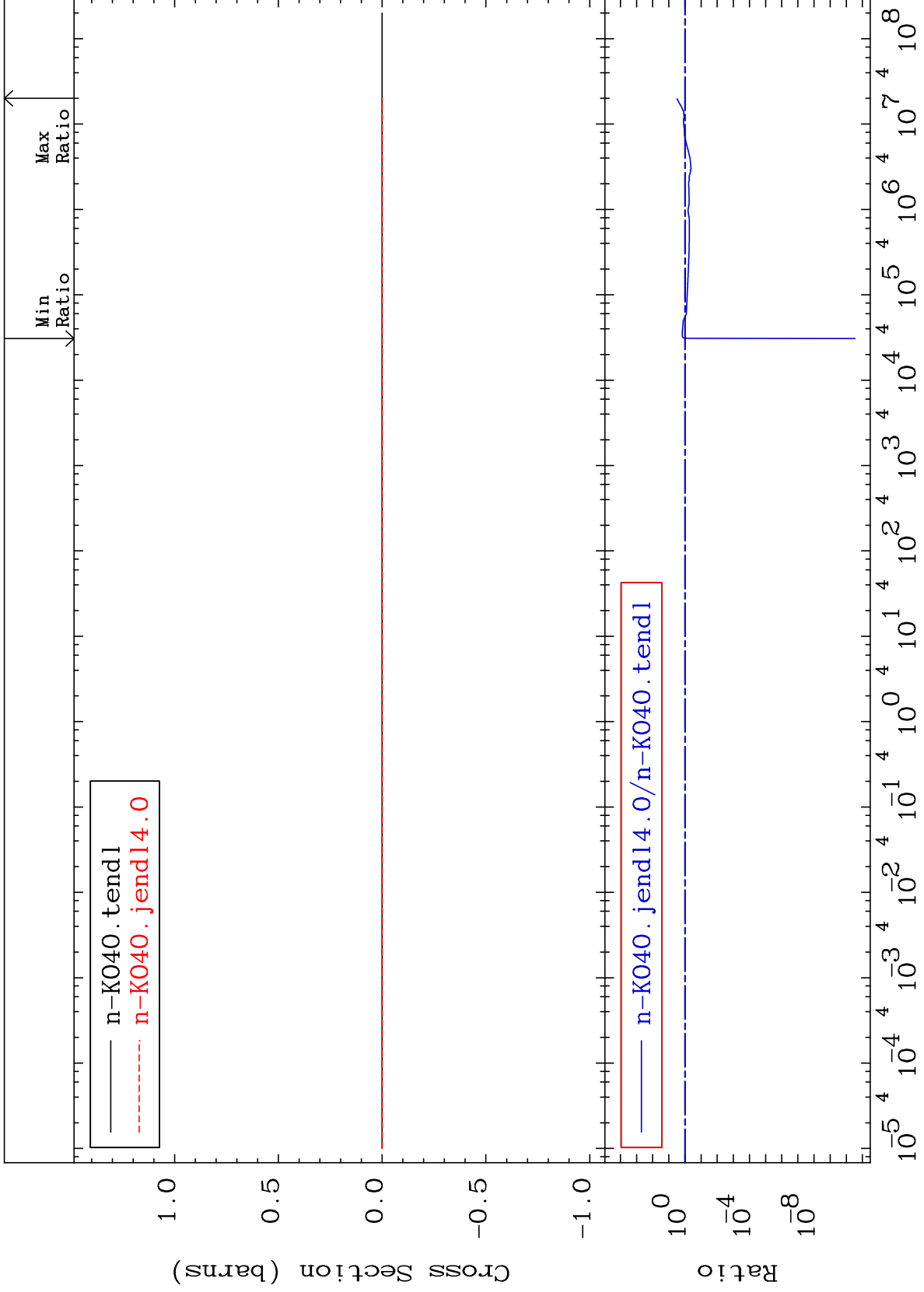
19-K -40



MAT 1928

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

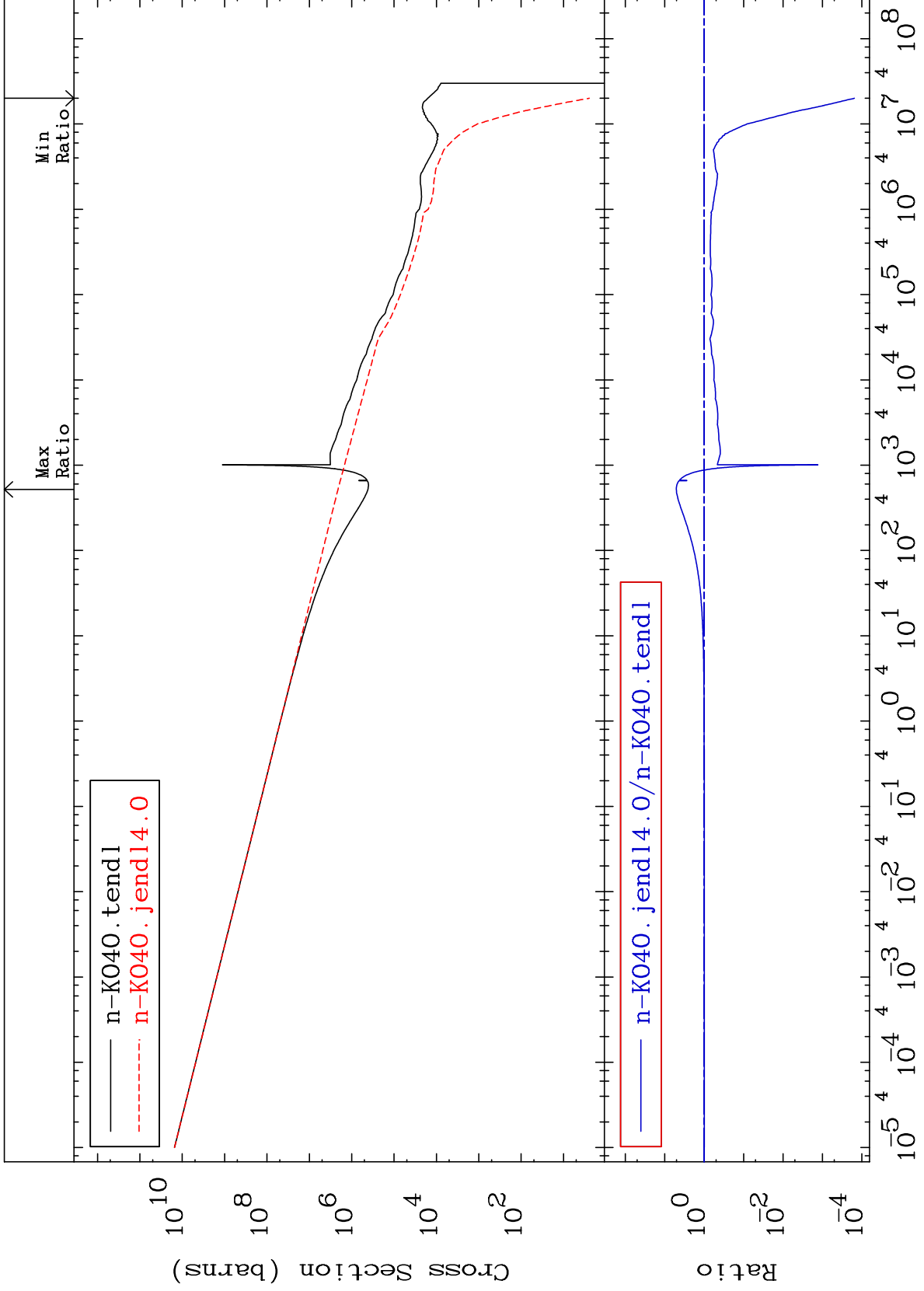
19-K -40
-100.0 To 213.9 %

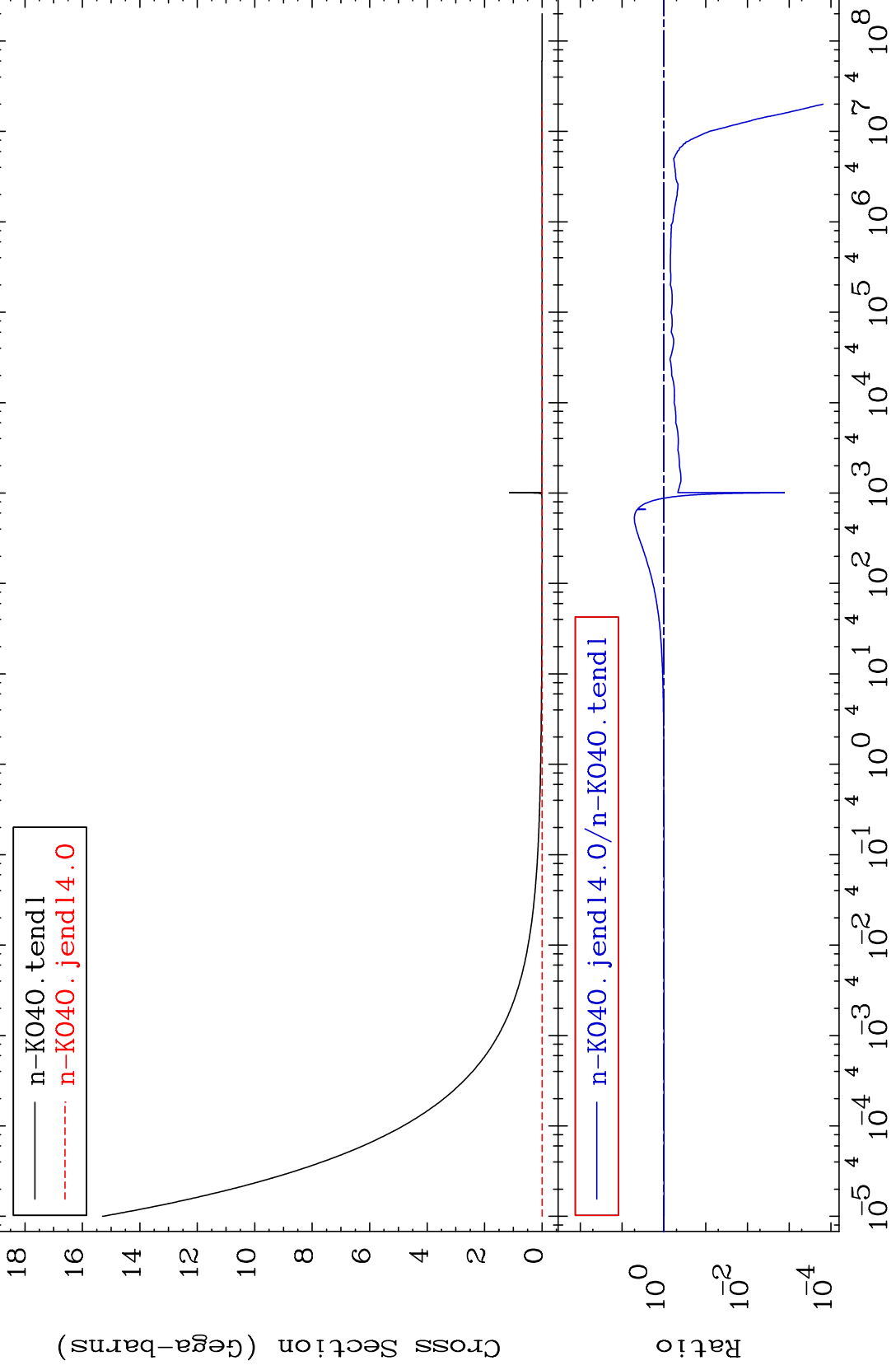


MAT 1928

Kerma capture (mt102)
Cross Section

19-K -40
-99.98 To 407.7 %

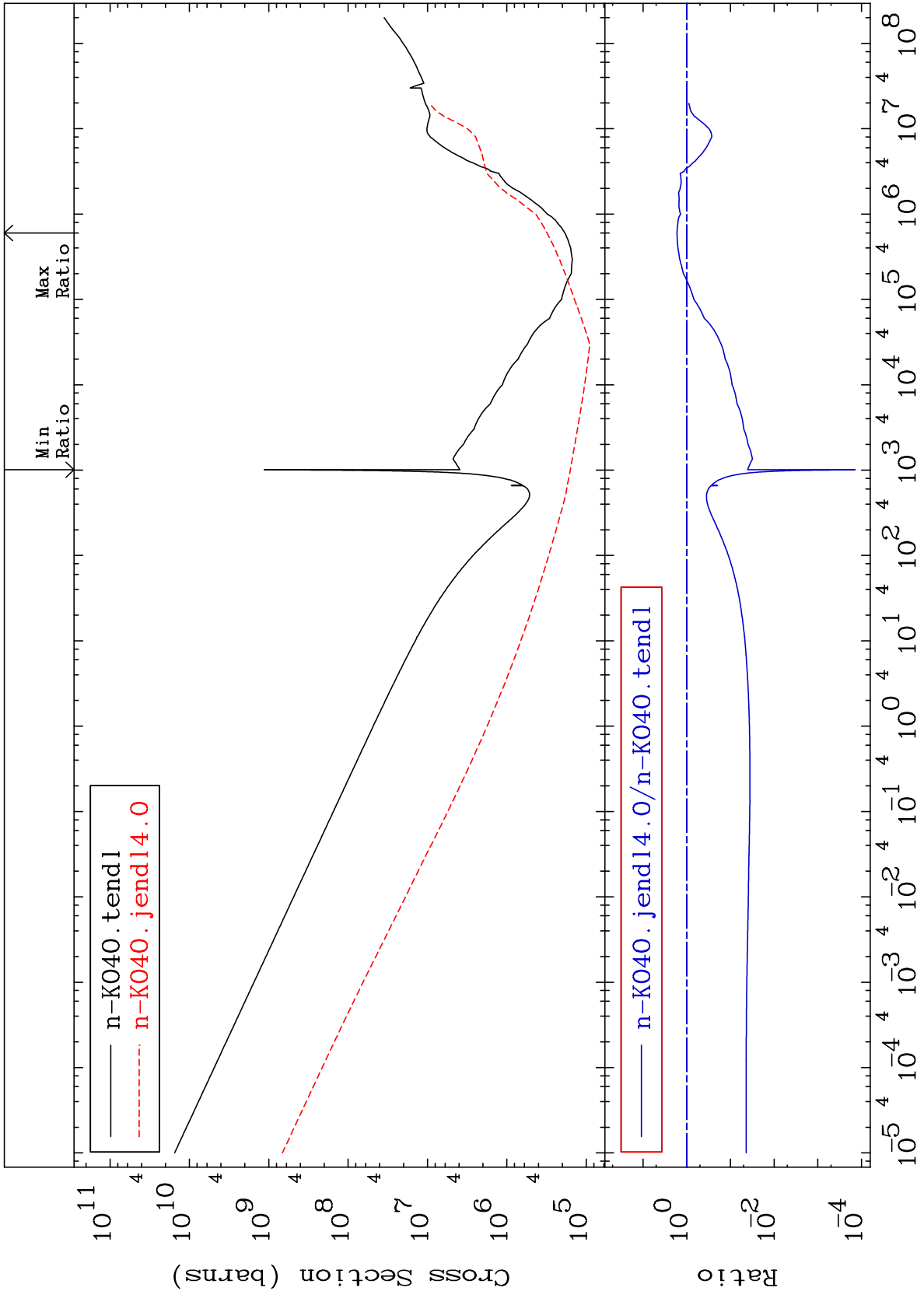




MAT 1928

Total kinematic kerma (high limit)
Cross Section

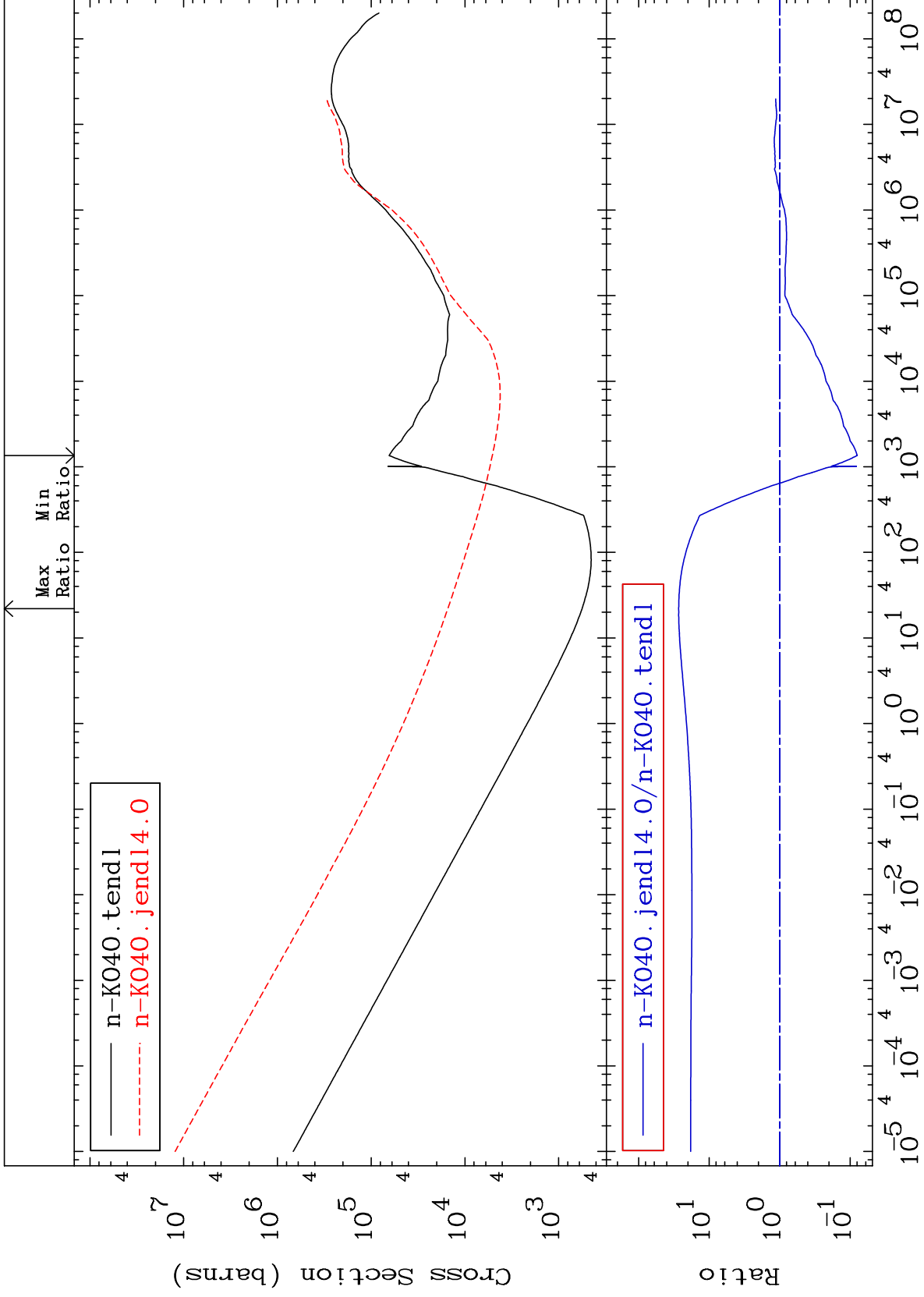
19-K -40
-99.99 To 68.00 %



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Incident Energy (eV)

19-K -40



MAT 1928

Dpa elastic (mt2)
Cross Section

19-K -40
-99.58 To 75.68 %

