

Program Complot
(Version 2021-1)

by

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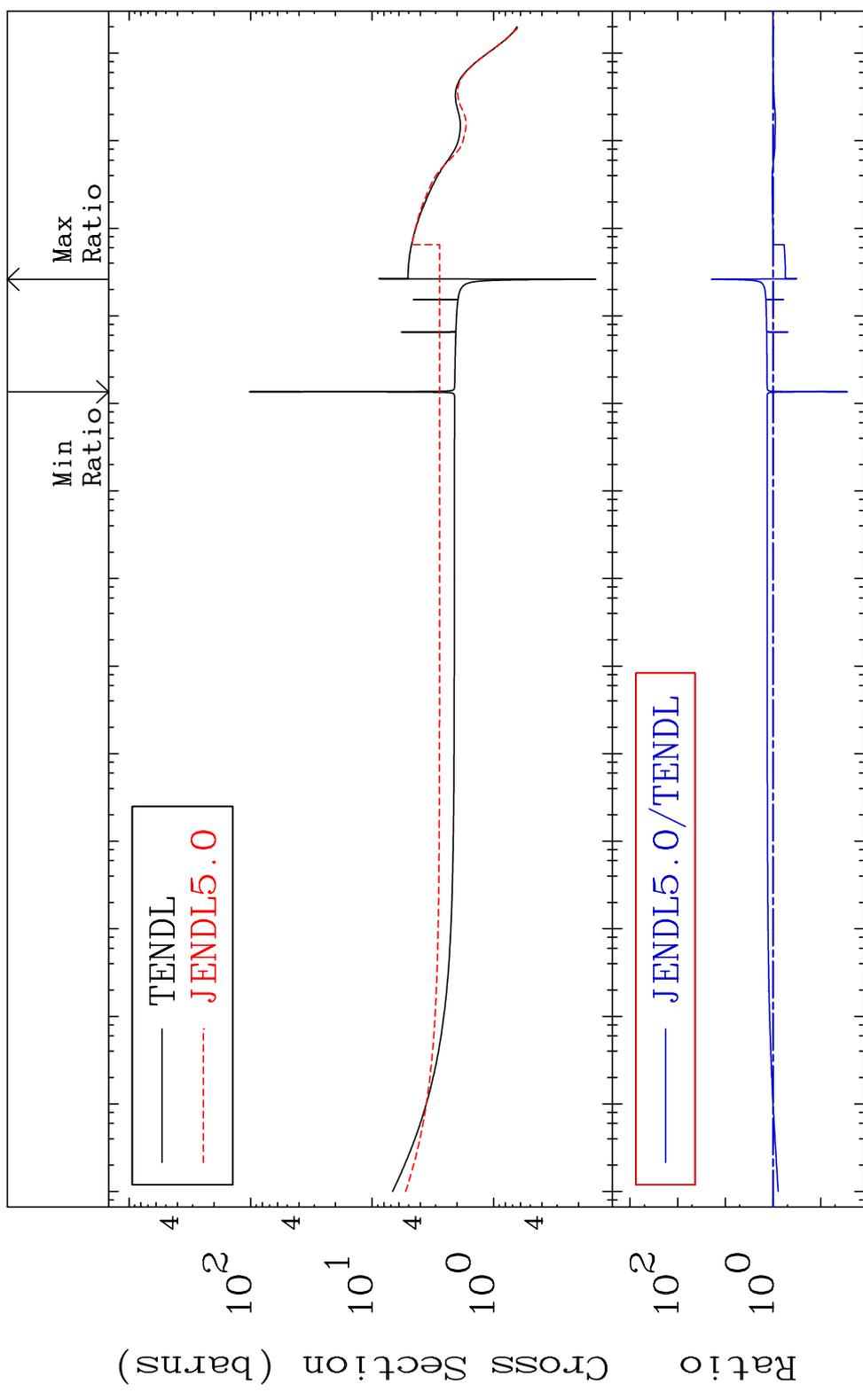
Press Mouse Button to Start

MAT 1437

Total

14-Si-32

Cross Section -97.27 To 1830. %



1

Incident Energy (eV)

14-Si-32

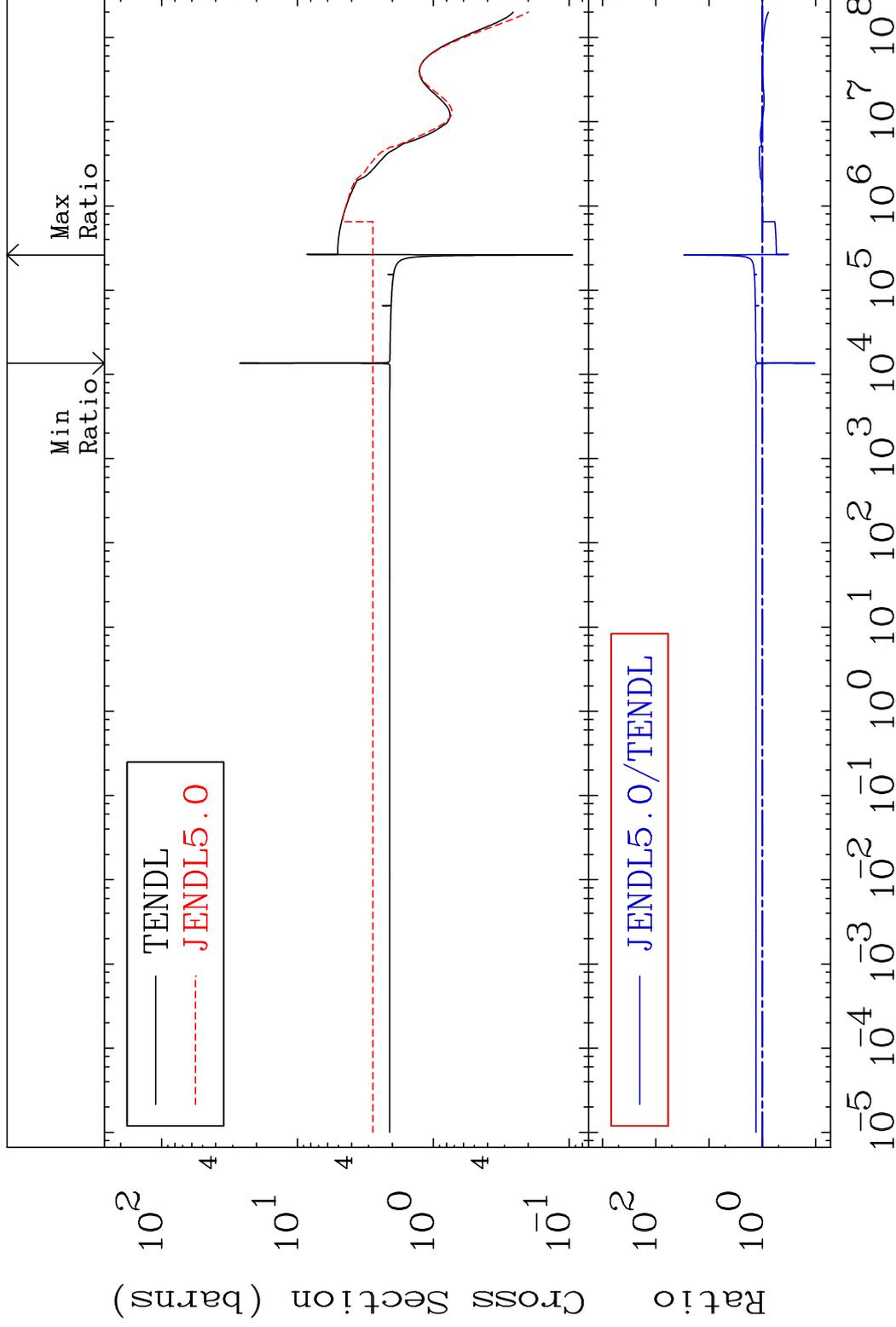
MAT 1437

Elastic

14-Si-32

Cross Section

-89.53 To 2848. %



2

Incident Energy (eV)

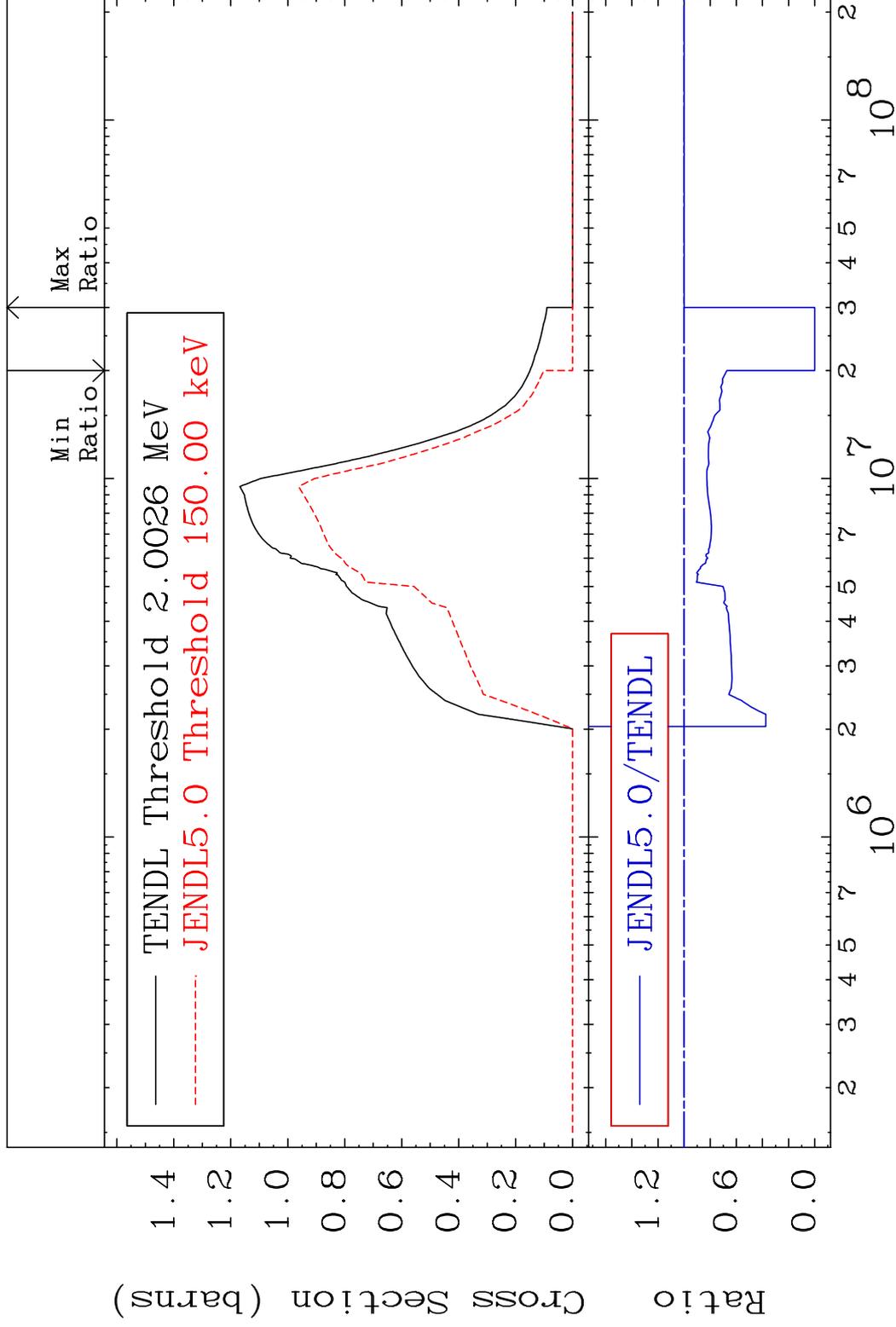
14-Si-32

MAT 1437

Inelastic

¹⁴Si-32

Cross Section -100.0 To 0.000 %



3

Incident Energy (eV)

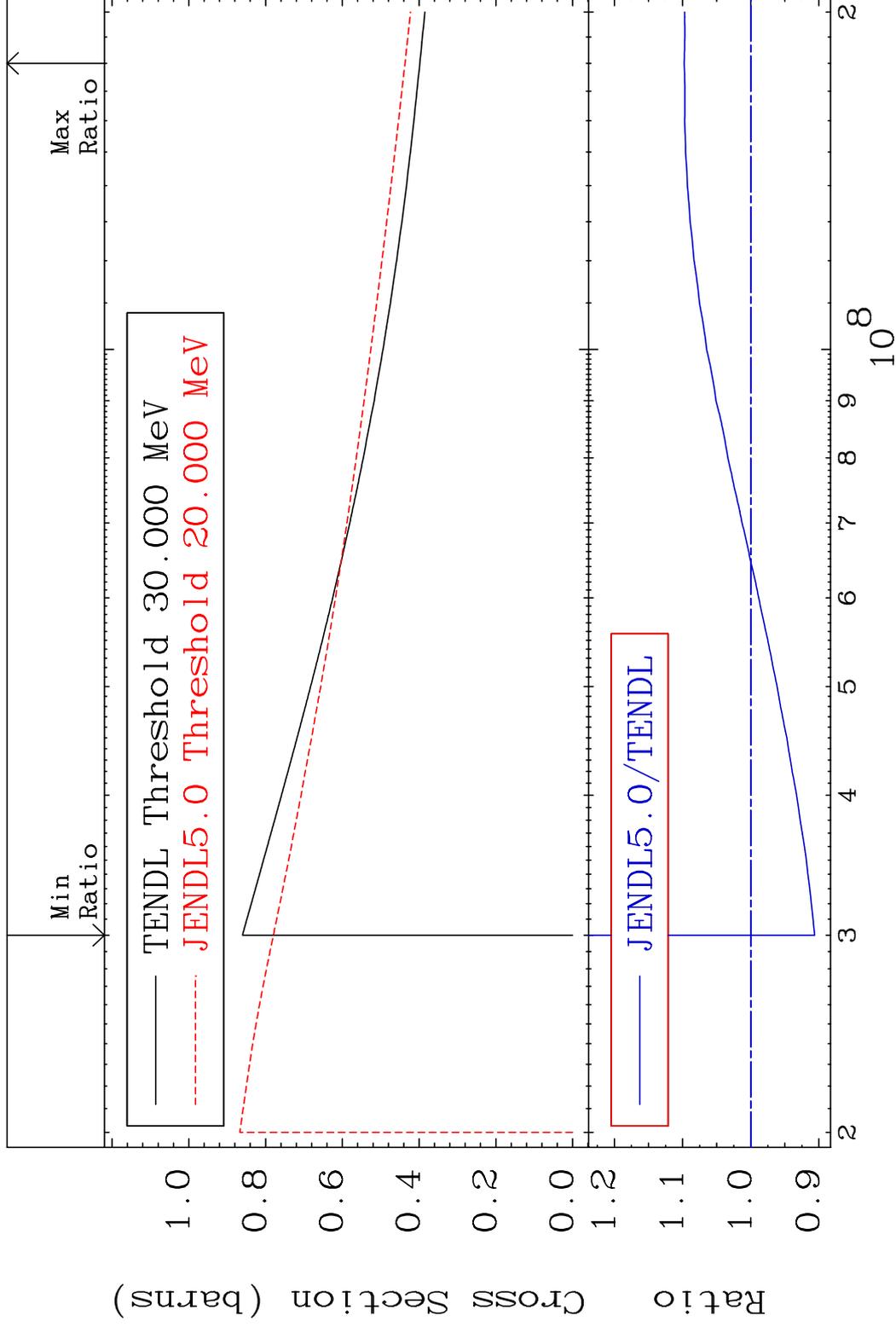
¹⁴Si-32

MAT 1437

(n, remainder)

14-Si-32

Cross Section -9.372 To 9.773 %



4

Incident Energy (eV)

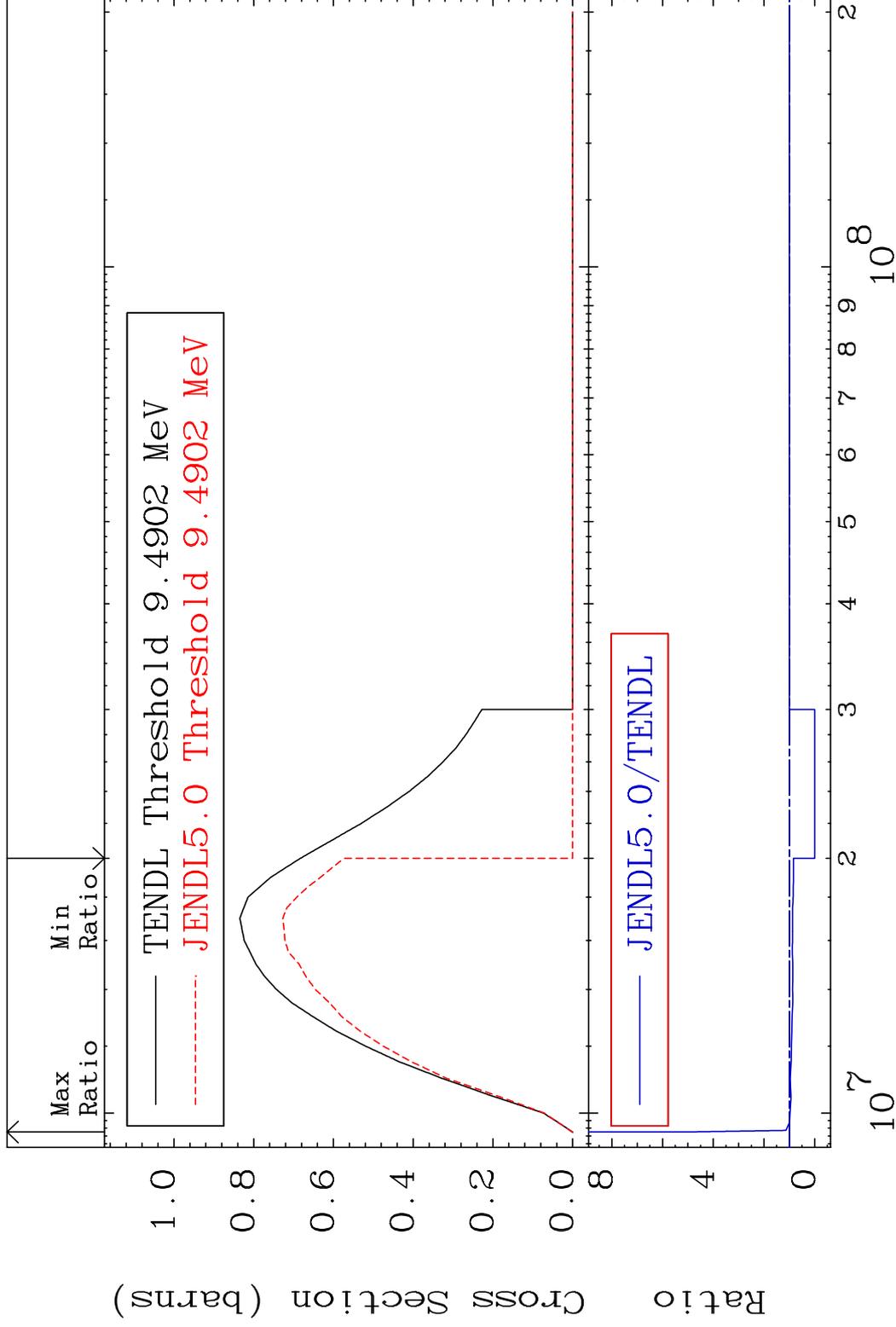
14-Si-32

MAT 1437

(n,2n)

14-Si-32

Cross Section -100.0 To 414.9 %



5

Incident Energy (eV)

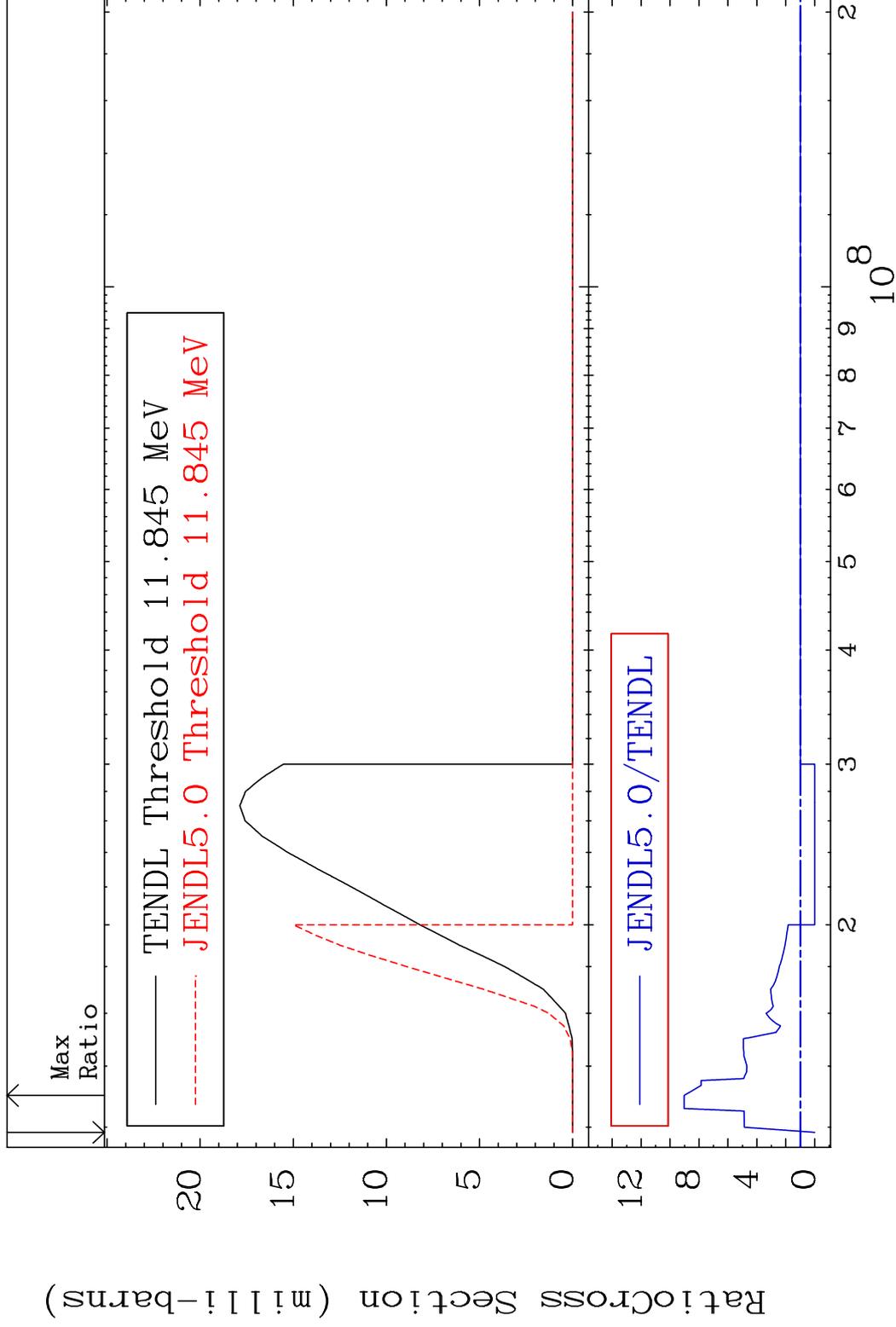
14-Si-32

MAT 1437

(n, n') α

14-Si-32

Cross Section -100.0 To 802.7 %

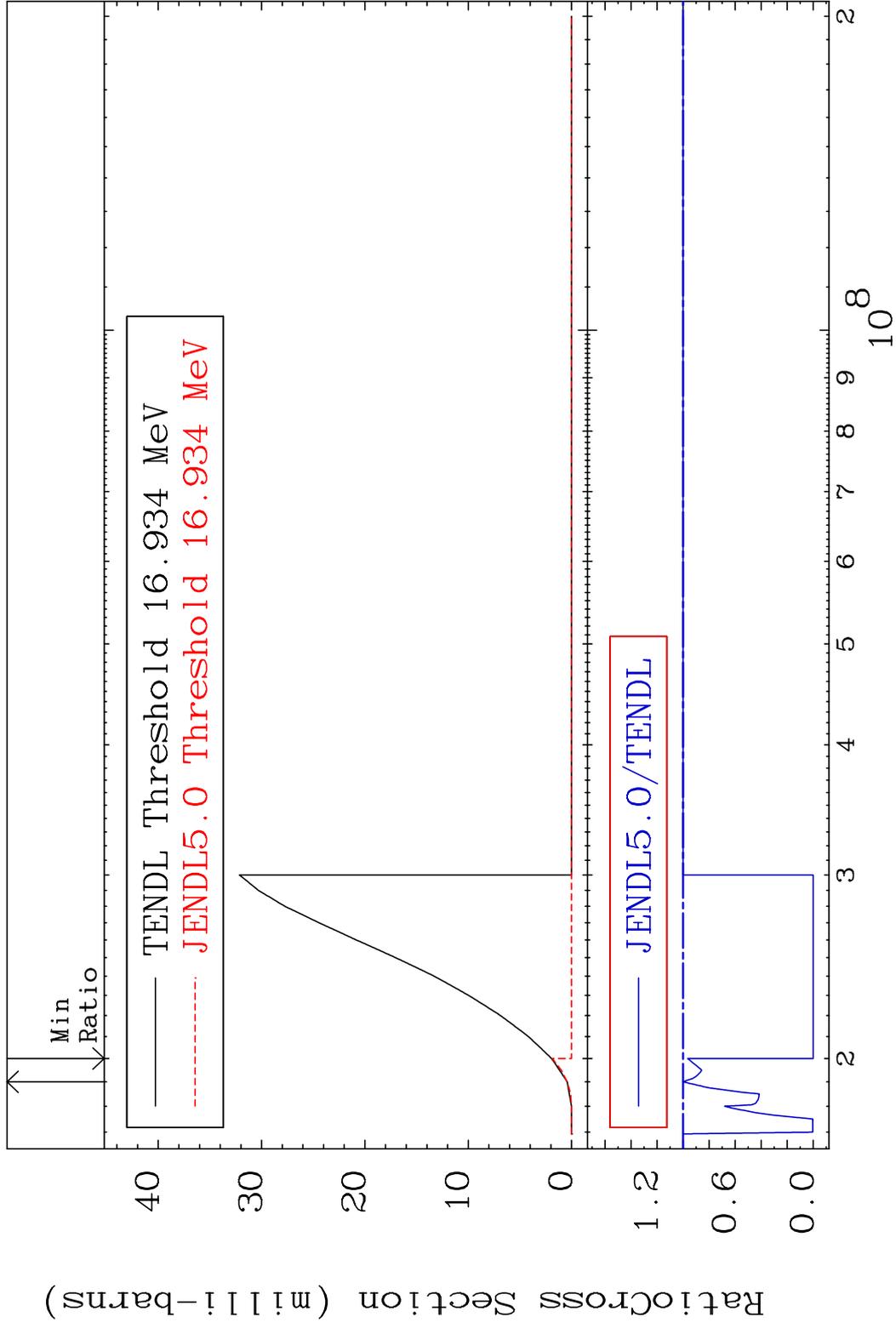


MAT 1437

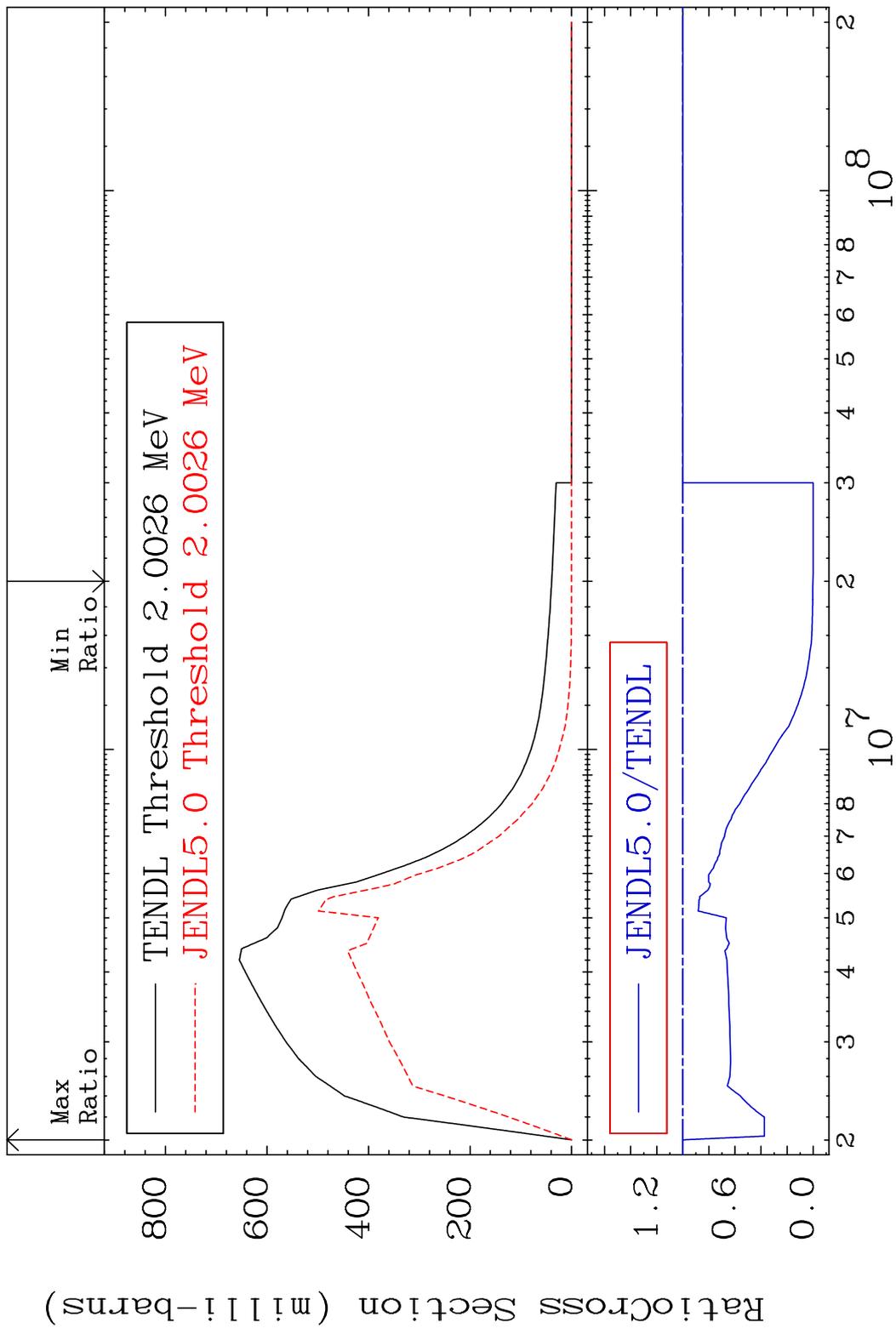
(n, n') p

14-Si-32

Cross Section -100.0 To 0.209 %

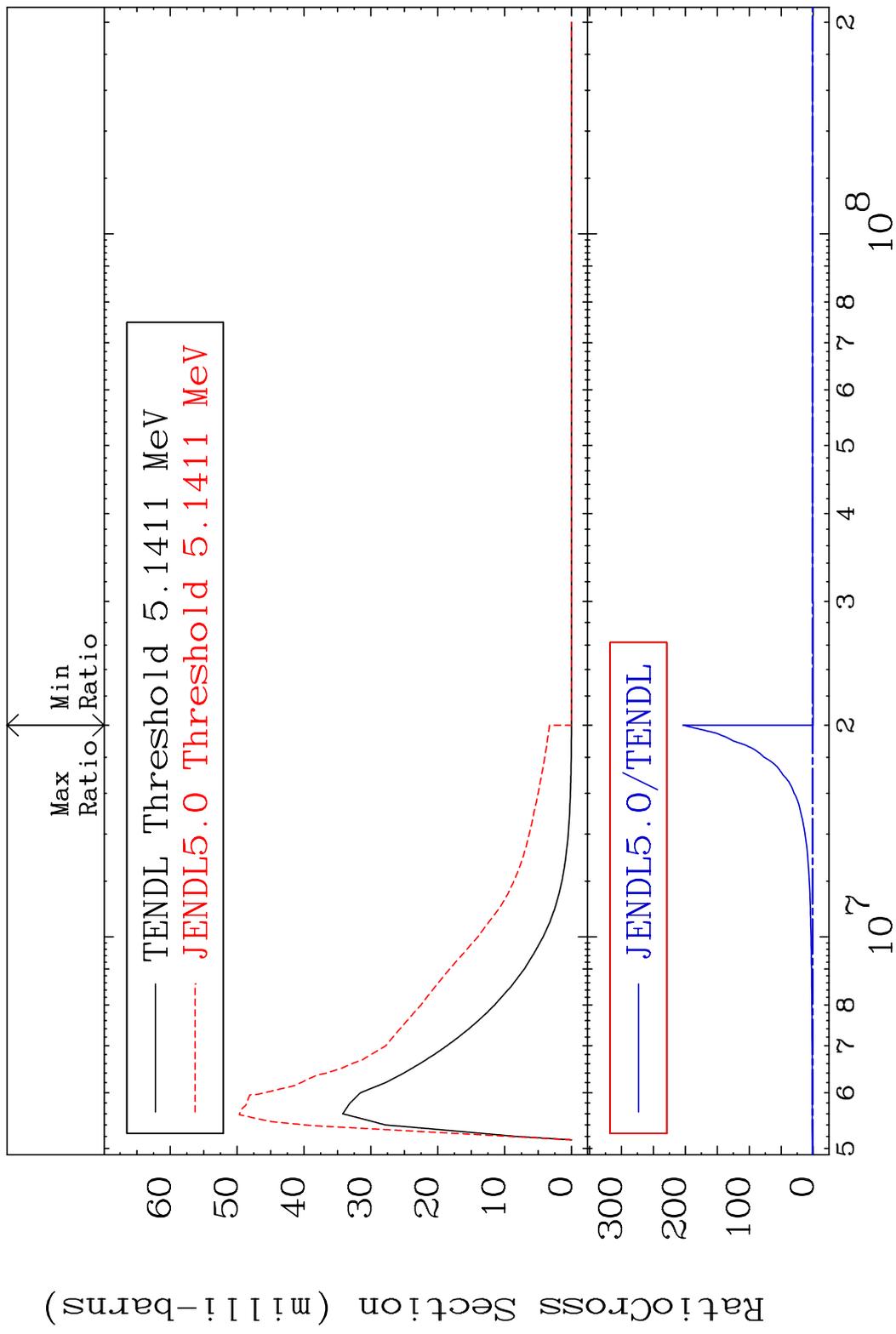


MAT 1437 MT= 51 (n, n') Level 14-Si-32
 Cross Section -100.0 To 0.000 %

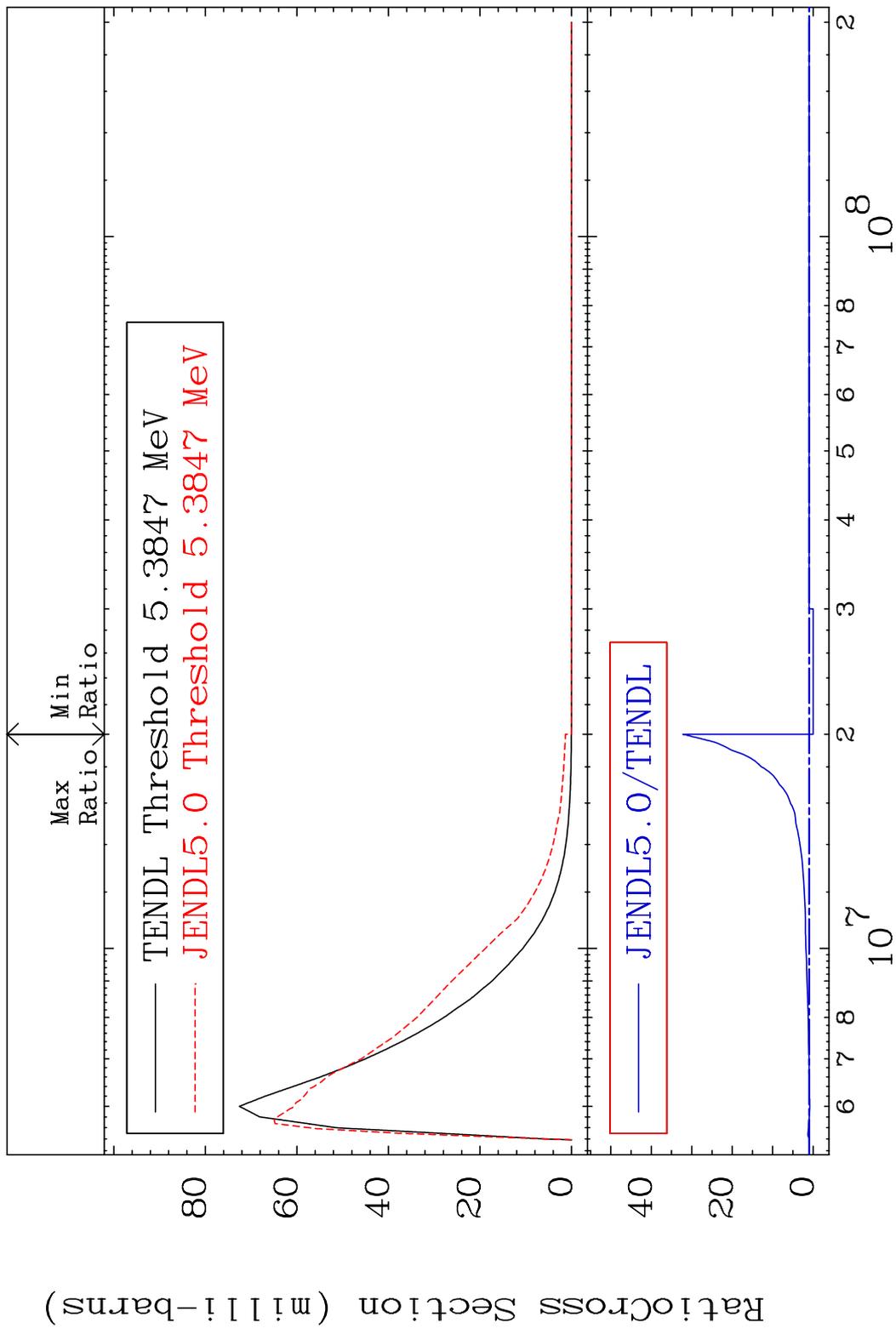


9 Incident Energy (eV) 14-Si-32

MAT 1437 MT= 53 (n, n') Level 14-Si-32
 Cross Section -100.0 To 9999. %

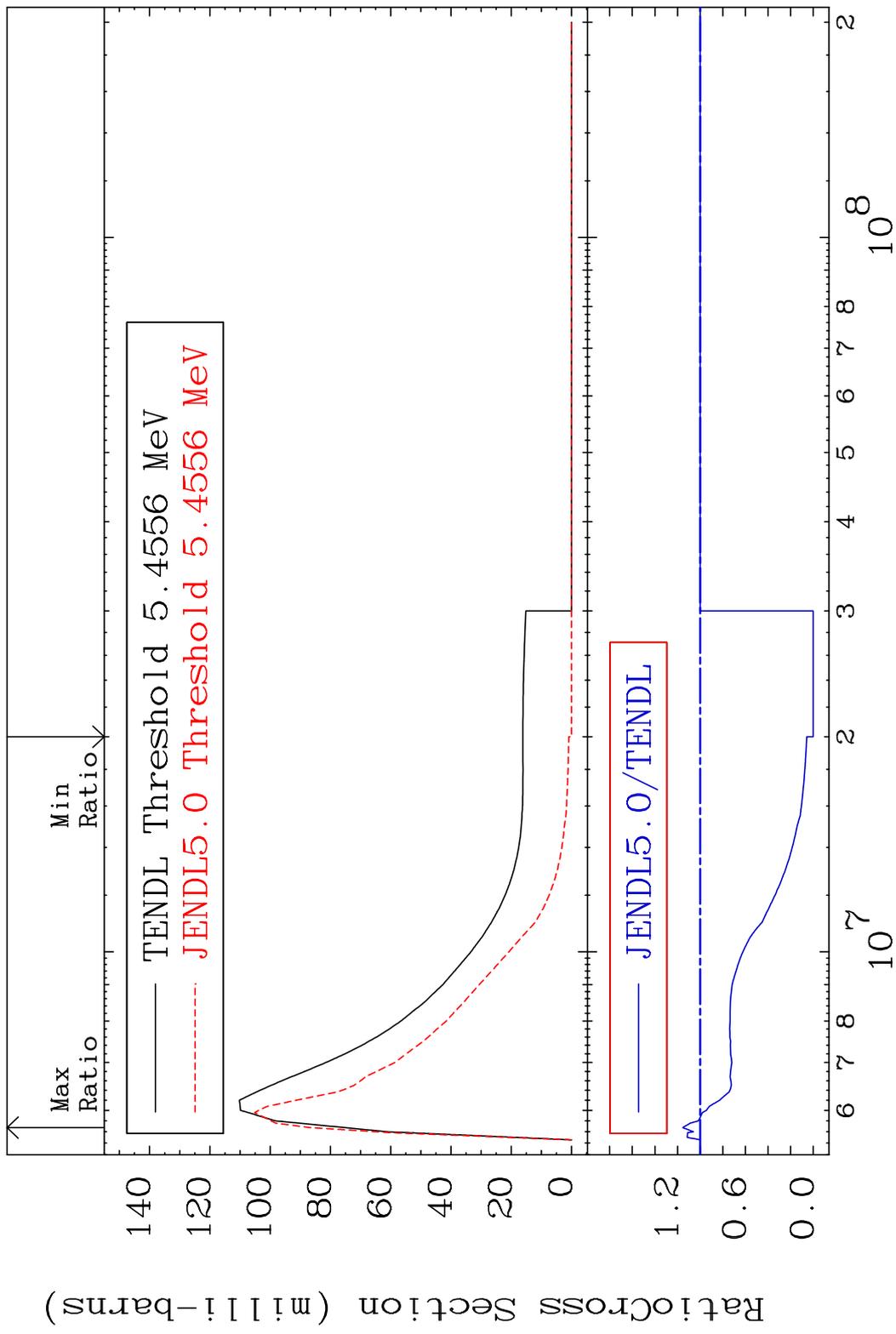


MAT 1437 MT= 54 (n,n') Level 14-Si-32
 Cross Section -100.0 To 3120. %

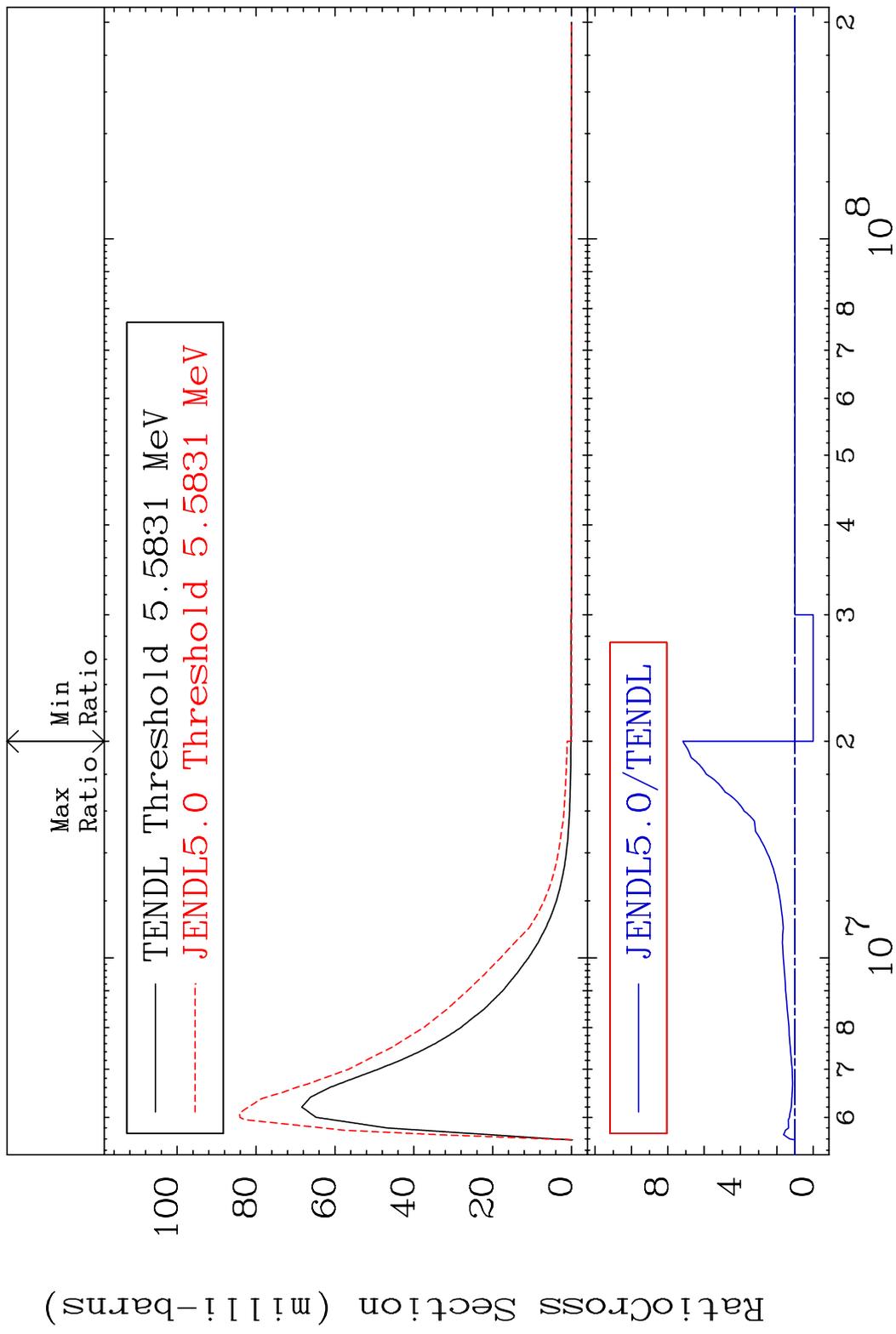


12 14-Si-32

MAT 1437 MT= 55 (n,n') Level 14-Si-32
 Cross Section -100.0 To 15.30 %

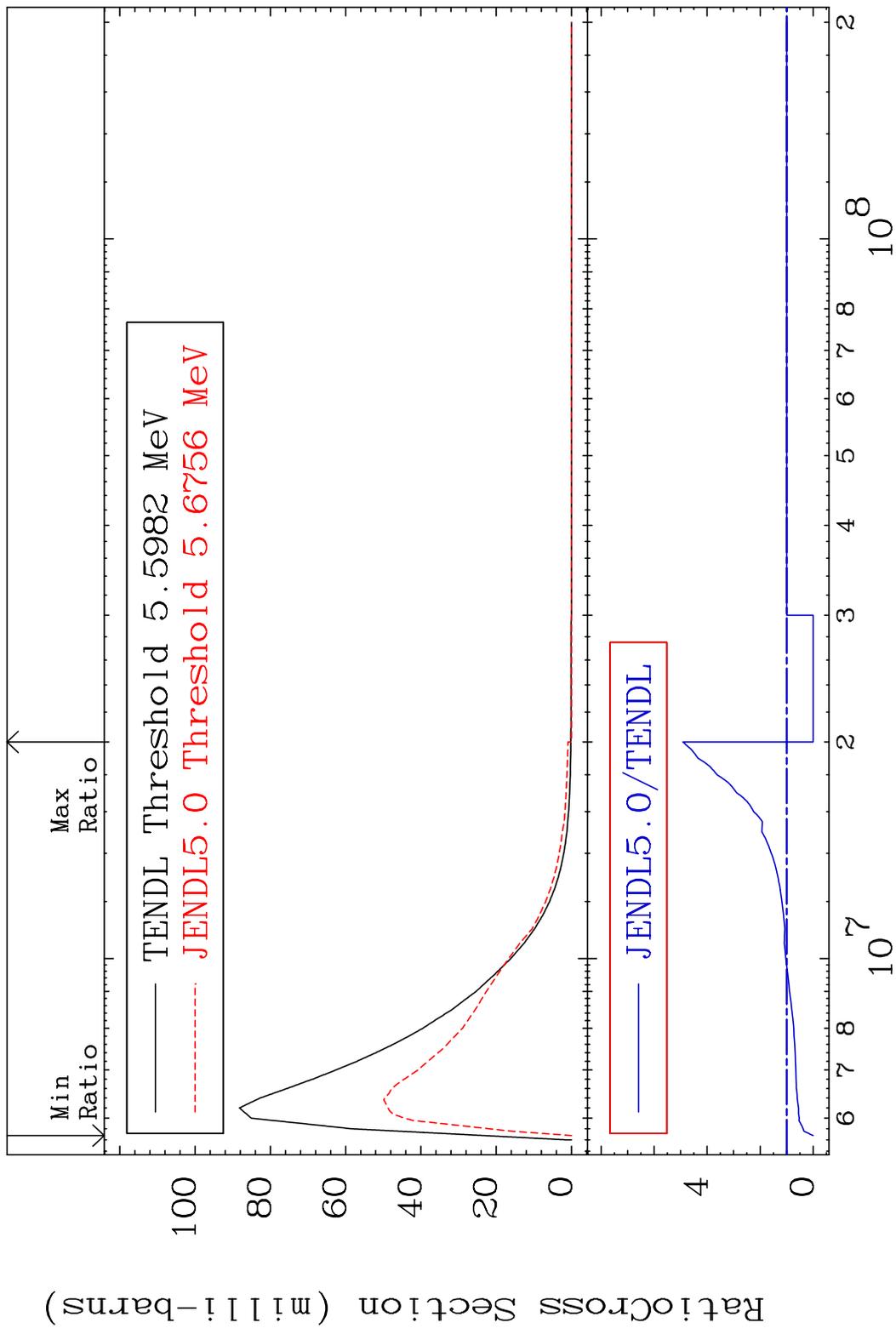


MAT 1437 MT= 56 (n,n') Level 14-Si-32
 Cross Section -100.0 To 617.0 %



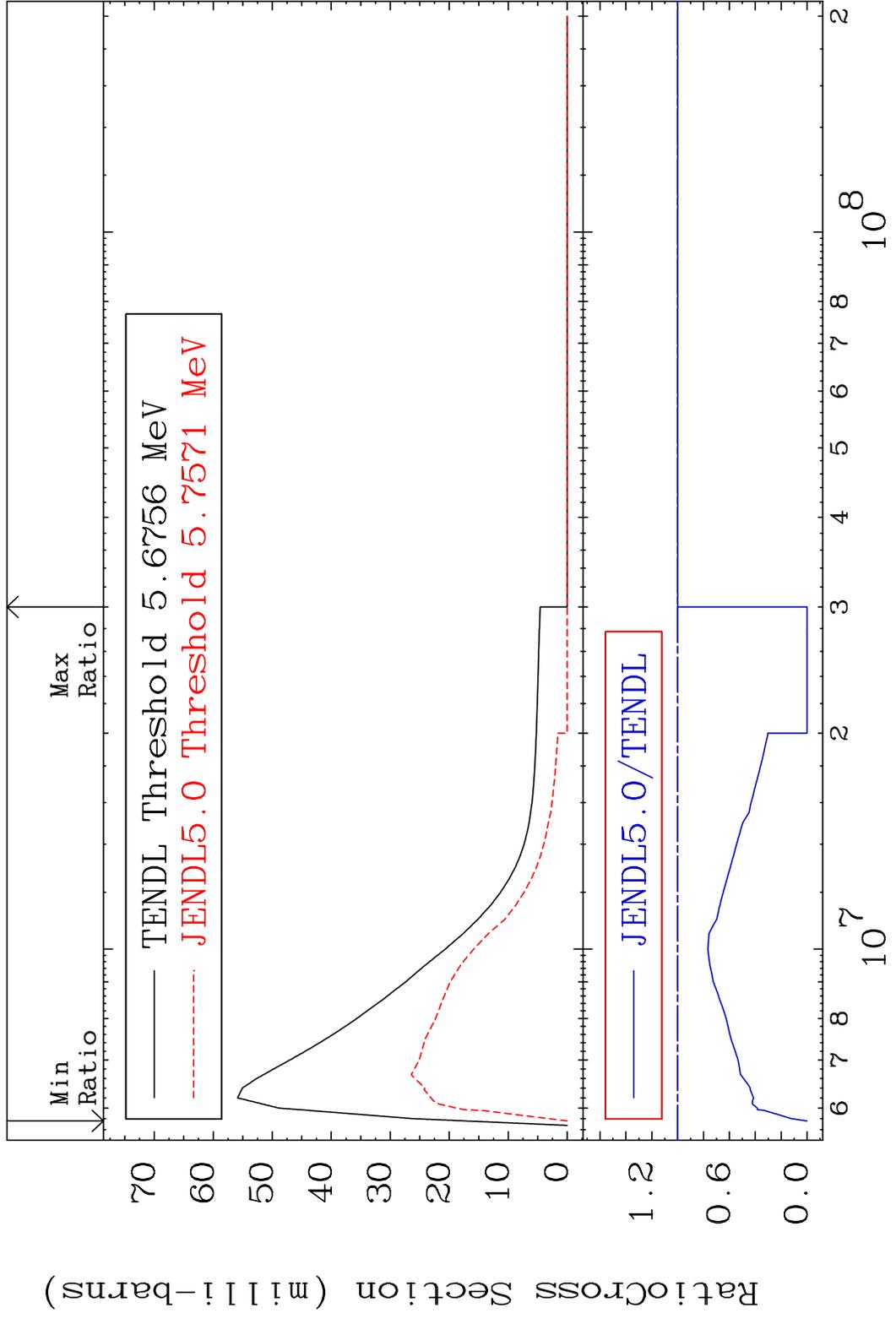
14 Incident Energy (eV) 14-Si-32

MAT 1437 MT= 57 (n, n') Level 14-Si-32
 Cross Section -100.0 To 391.6 %



15 14-Si-32

MAT 1437 MT= 58 (n, n') Level 14-Si-32
 Cross Section -100.0 To 0.000 %

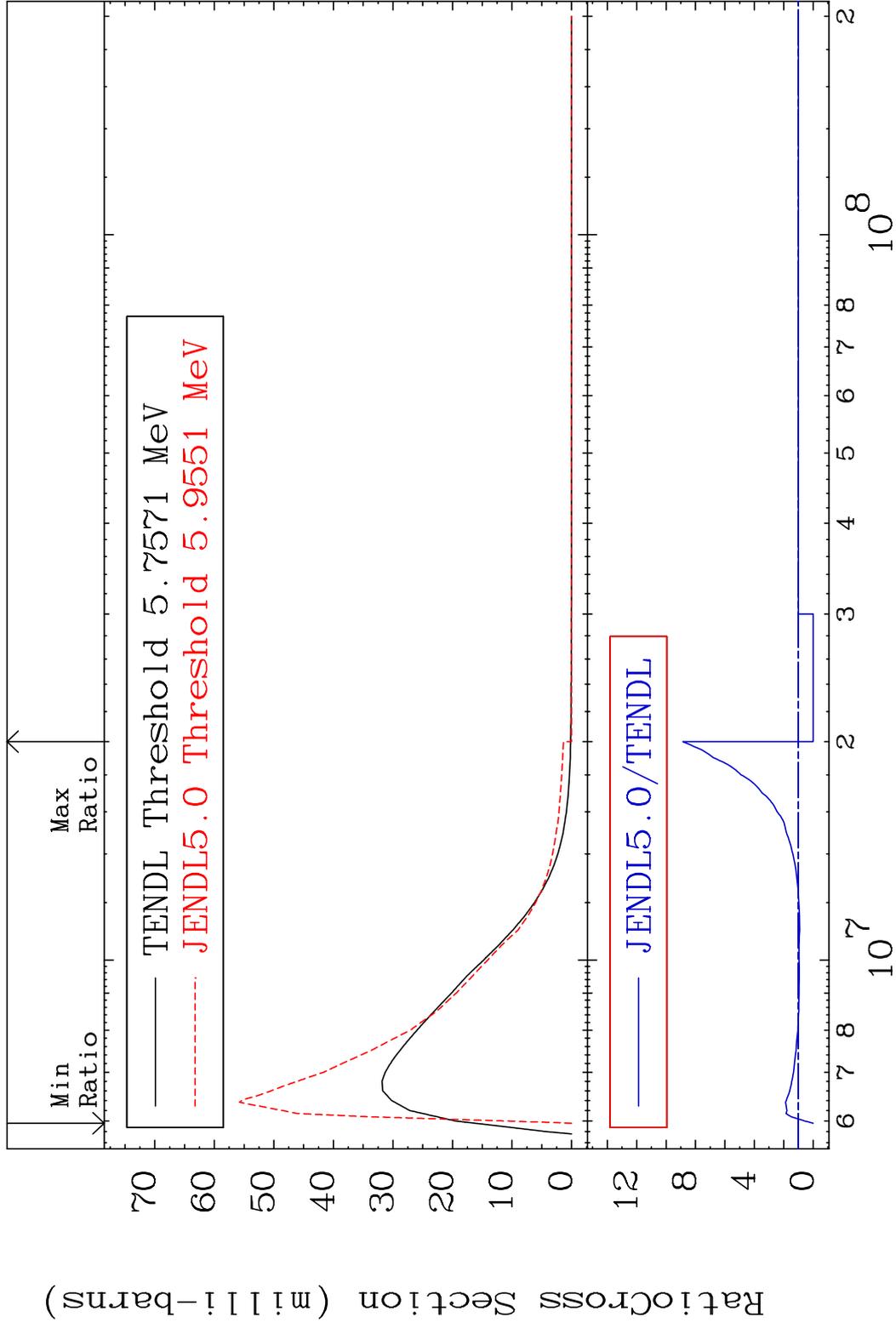


MAT 1437

MT= 59 (n,n') Level

14-Si-32

Cross Section -100.0 To 786.2 %

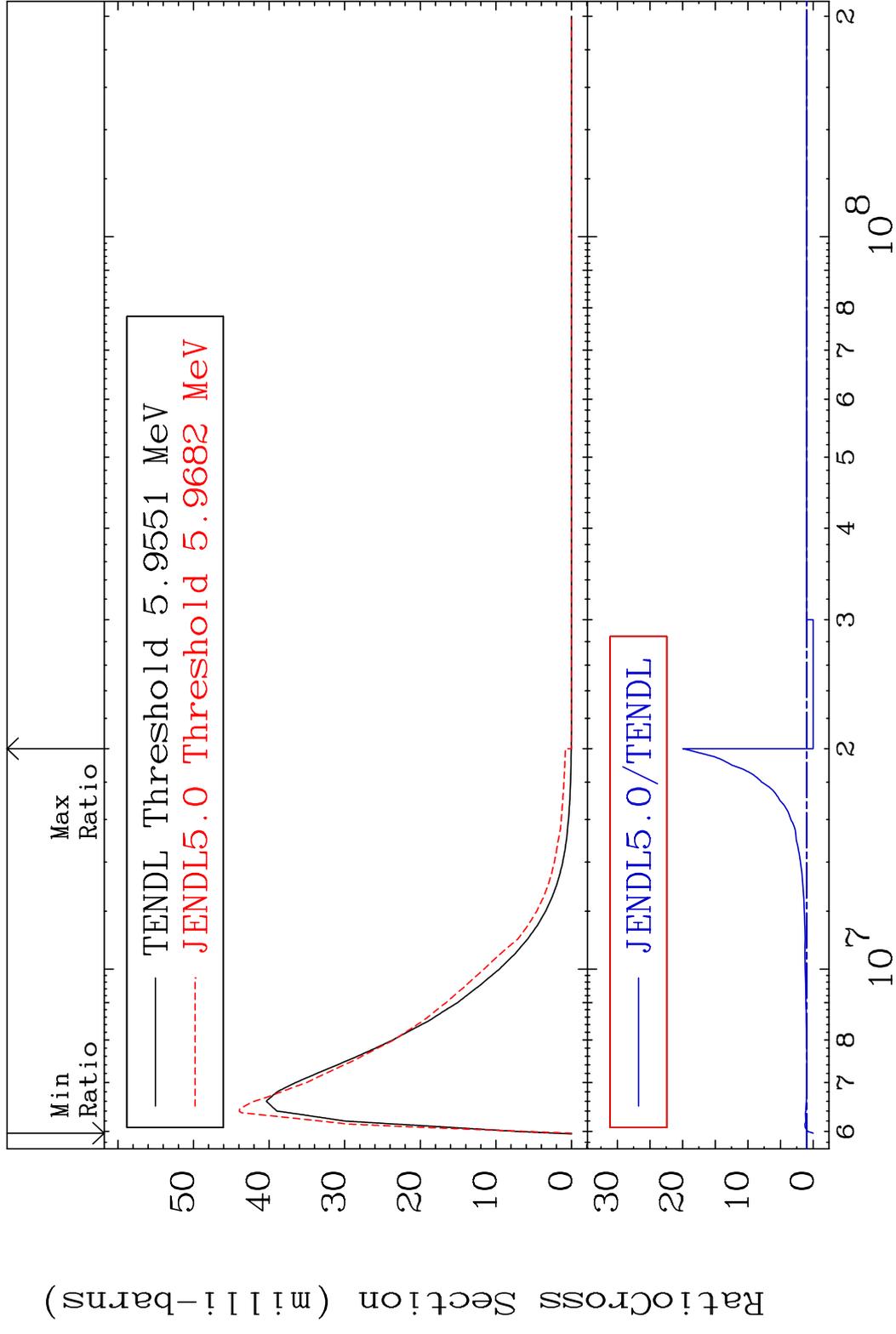


17

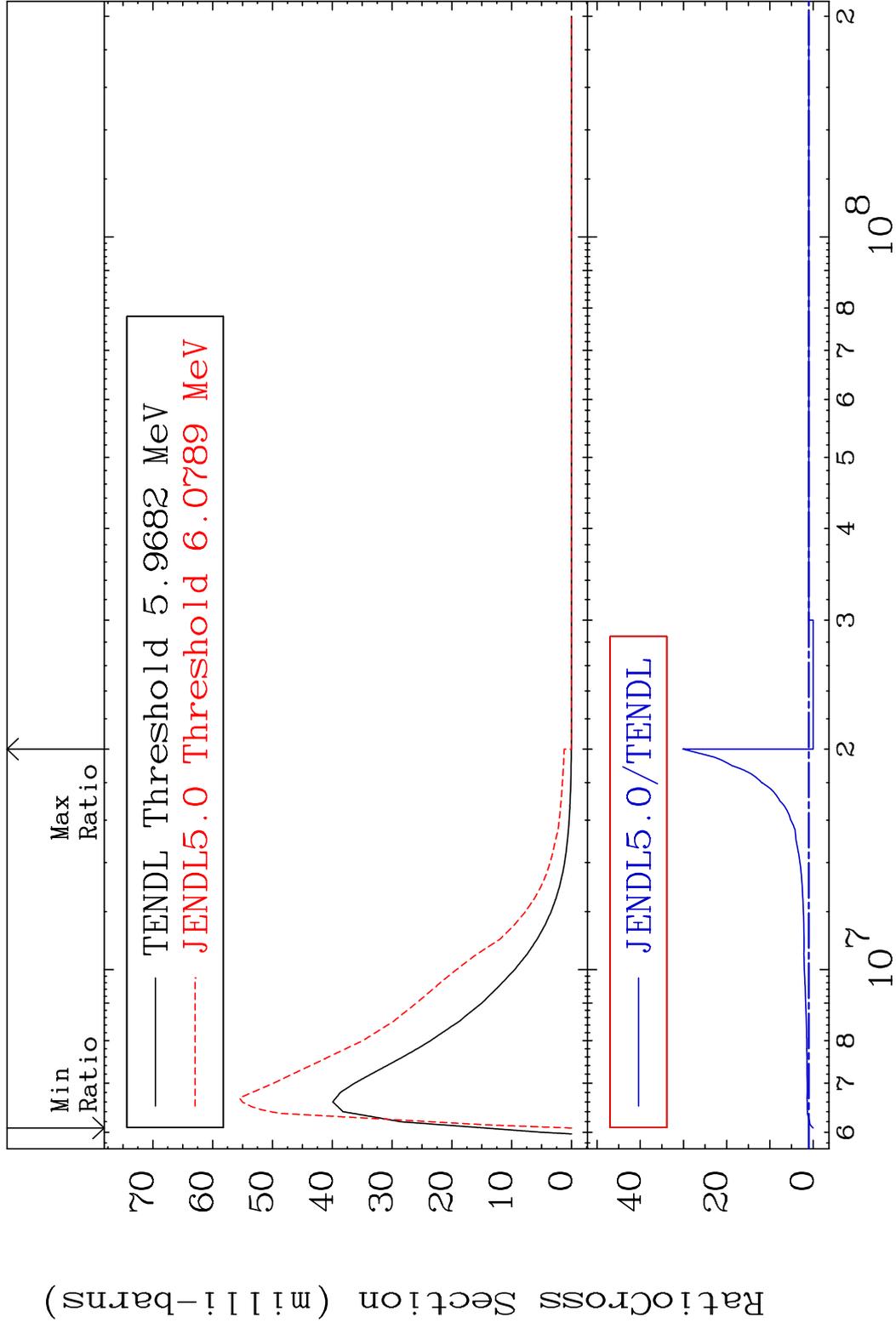
Incident Energy (eV)

14-Si-32

MAT 1437 MT= 60 (n,n') Level 14-Si-32
 Cross Section -100.0 To 1897. %



MAT 1437 MT= 61 (n,n') Level 14-Si-32
 Cross Section -100.0 To 2915. %

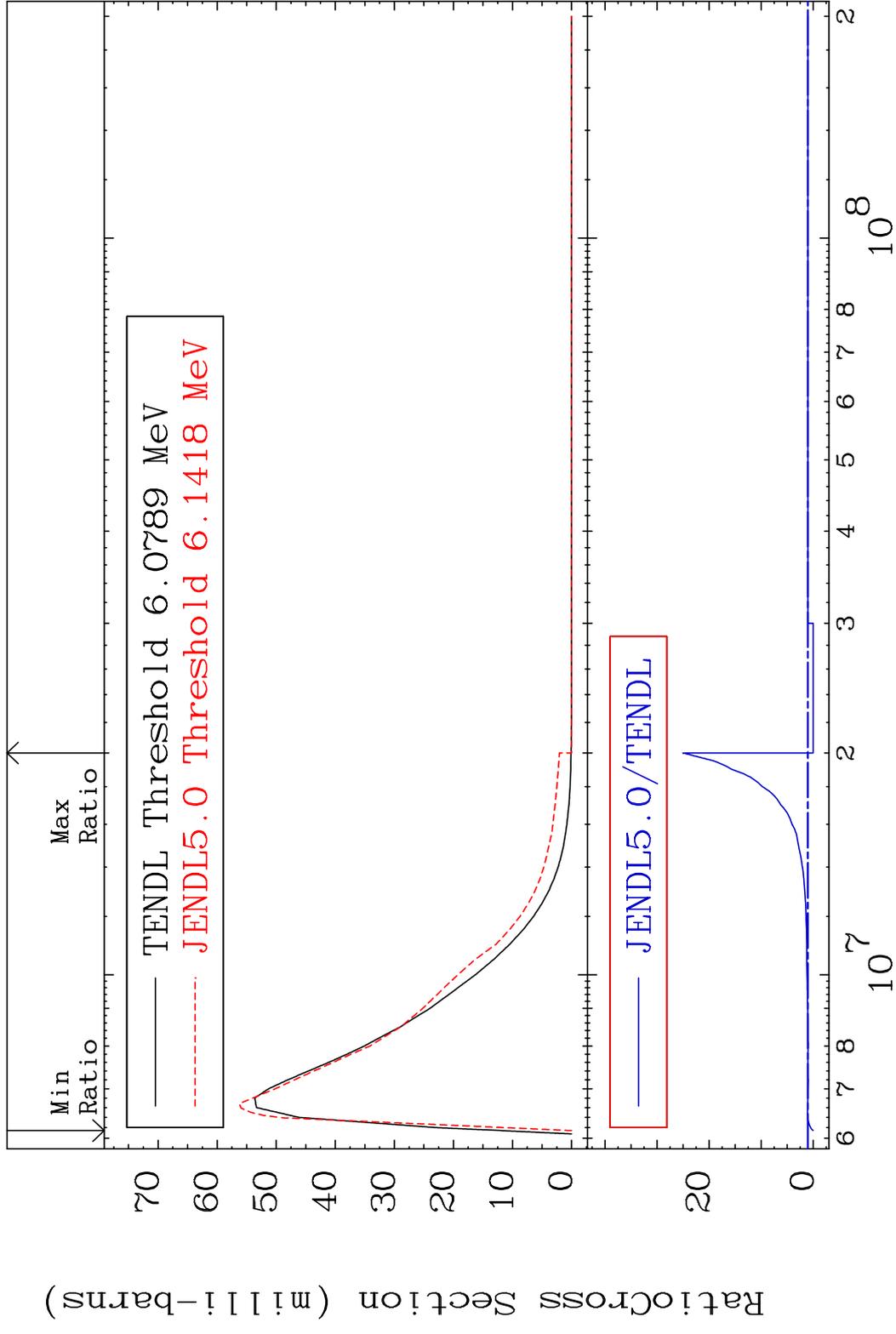


MAT 1437

MT= 62 (n,n') Level

14-Si-32

Cross Section -100.0 To 2404. %



20

14-Si-32

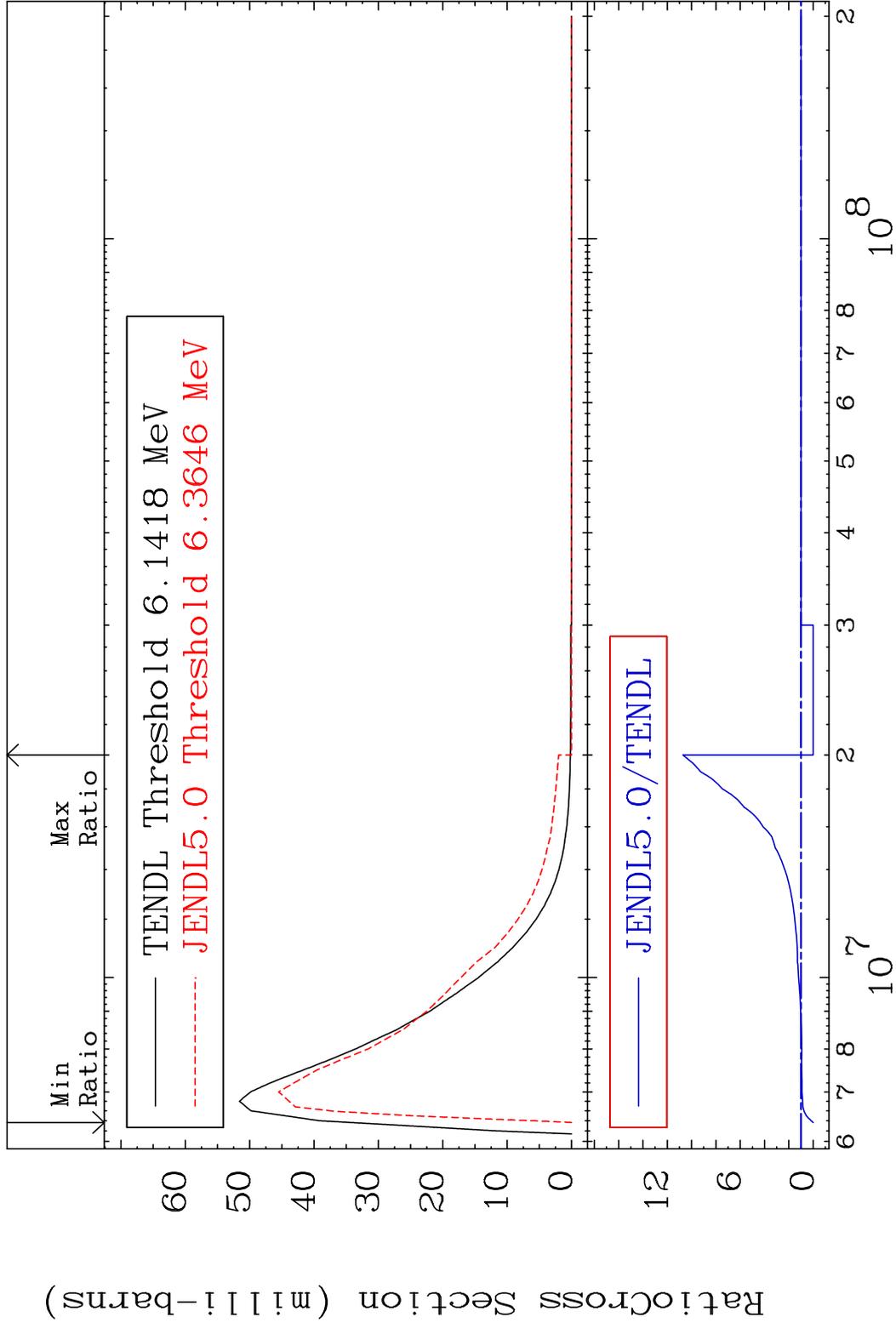
2404. %

MAT 1437

MT= 63 (n, n') Level

14-Si-32

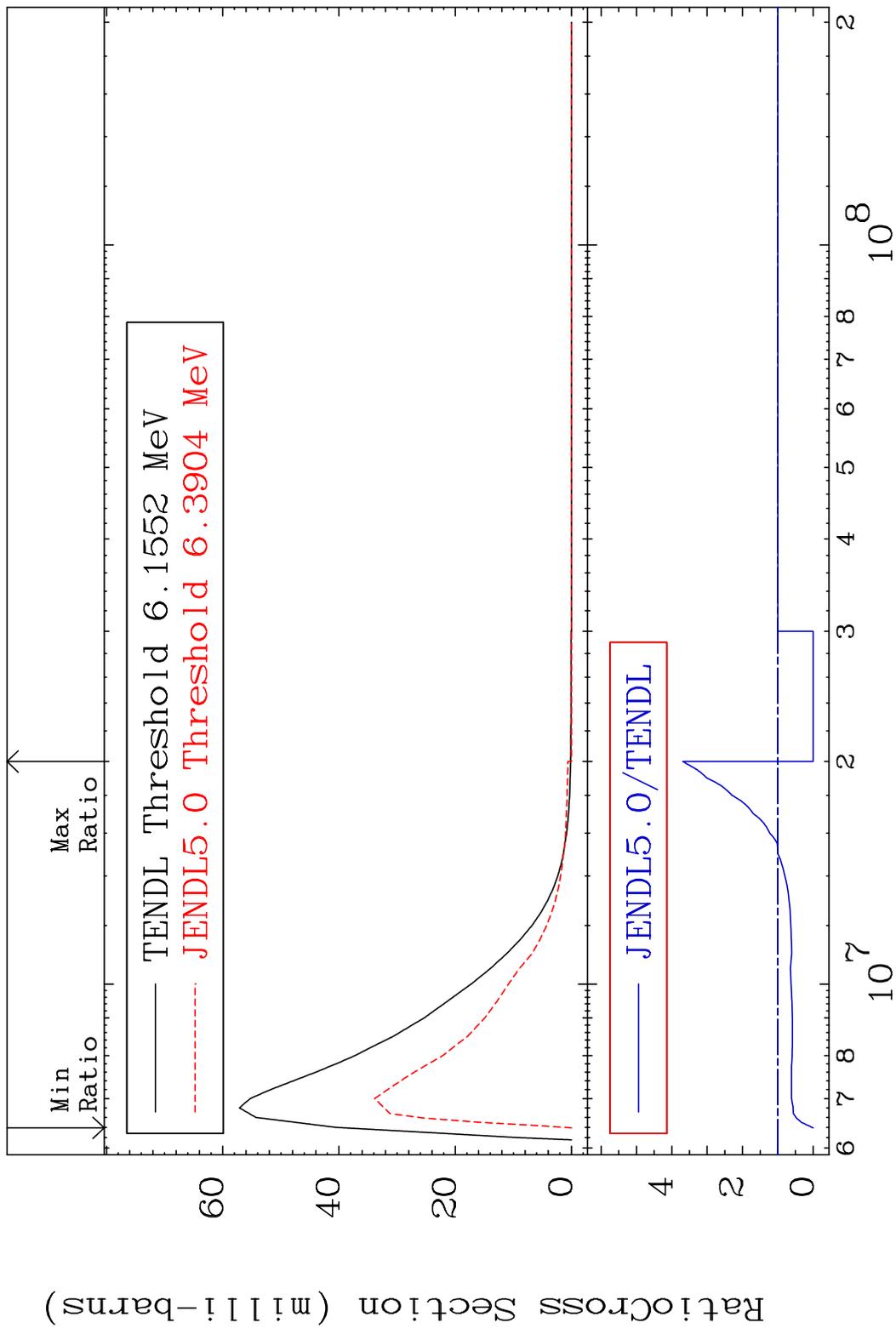
Cross Section -100.0 To 972.1 %



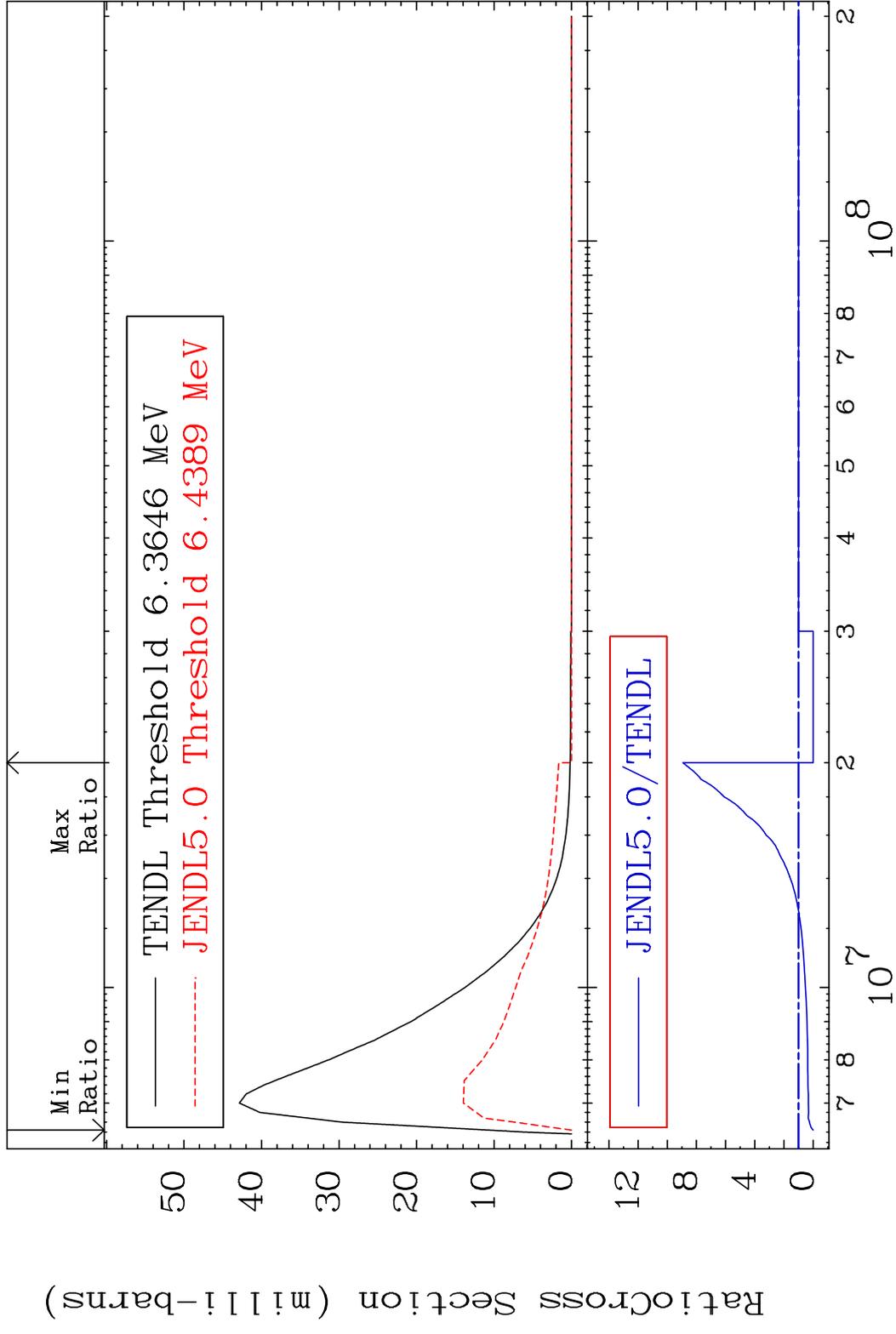
21

14-Si-32

MAT 1437 MT= 64 (n,n') Level 14-Si-32
 Cross Section -100.0 To 268.8 %



MAT 1437 MT= 65 (n,n') Level 14-Si-32
 Cross Section -100.0 To 793.3 %

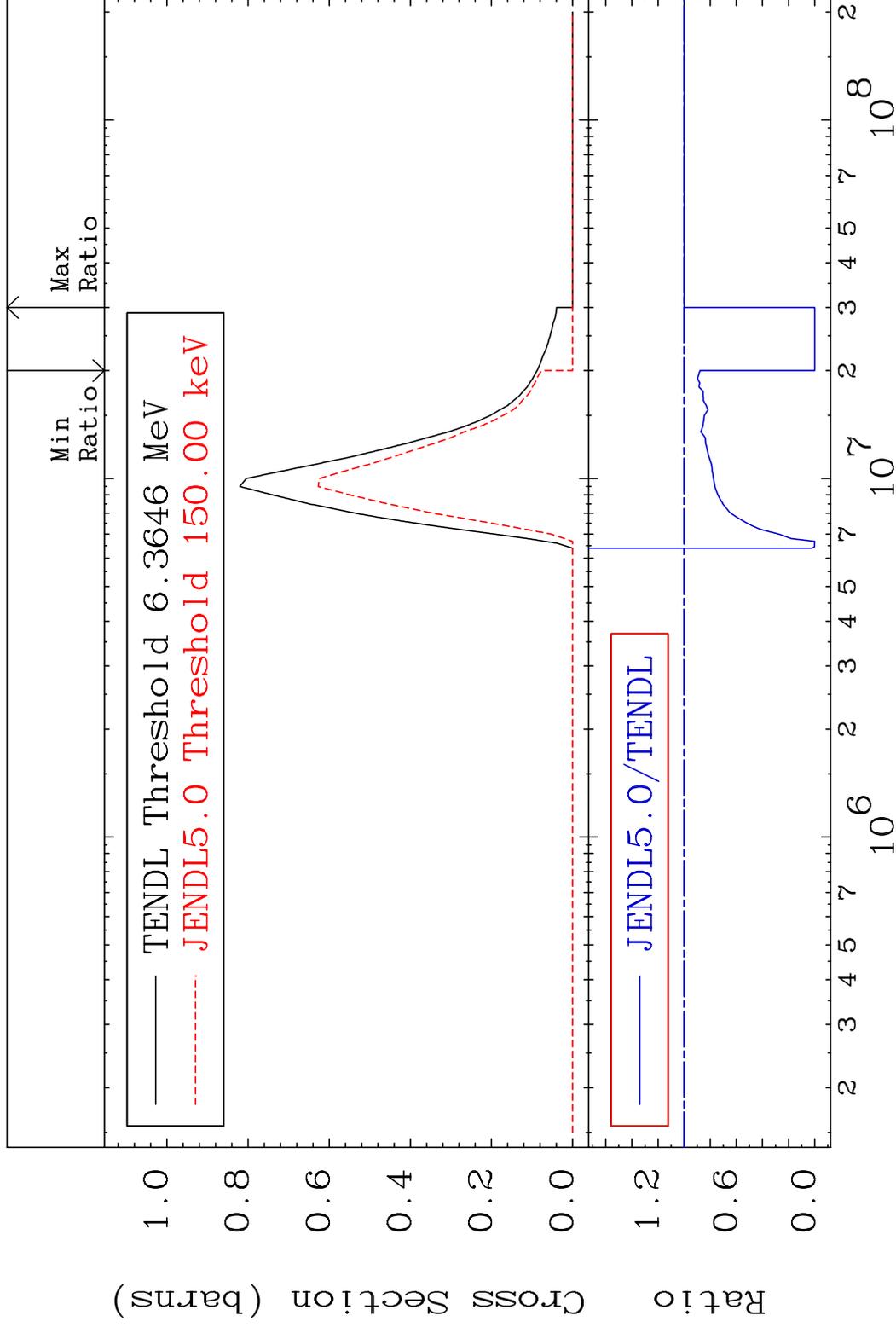


MAT 1437

(n,n') Continuum

14-Si-32

Cross Section -100.0 To 0.000 %



24

Incident Energy (eV)

14-Si-32

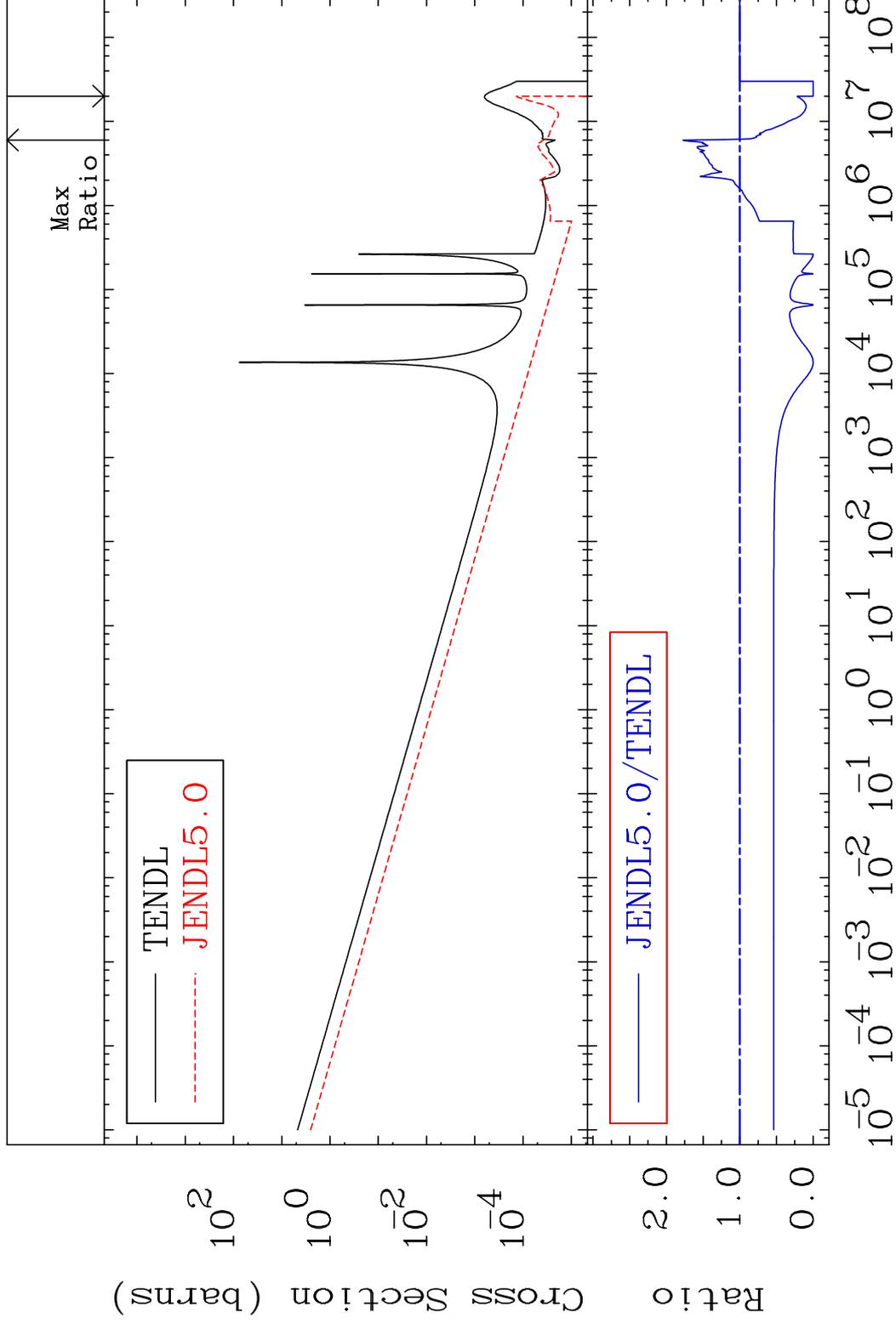
MAT 1437

(n, γ)

14-Si-32

Cross Section

-100.0 To 77.60 %



25

Incident Energy (eV)

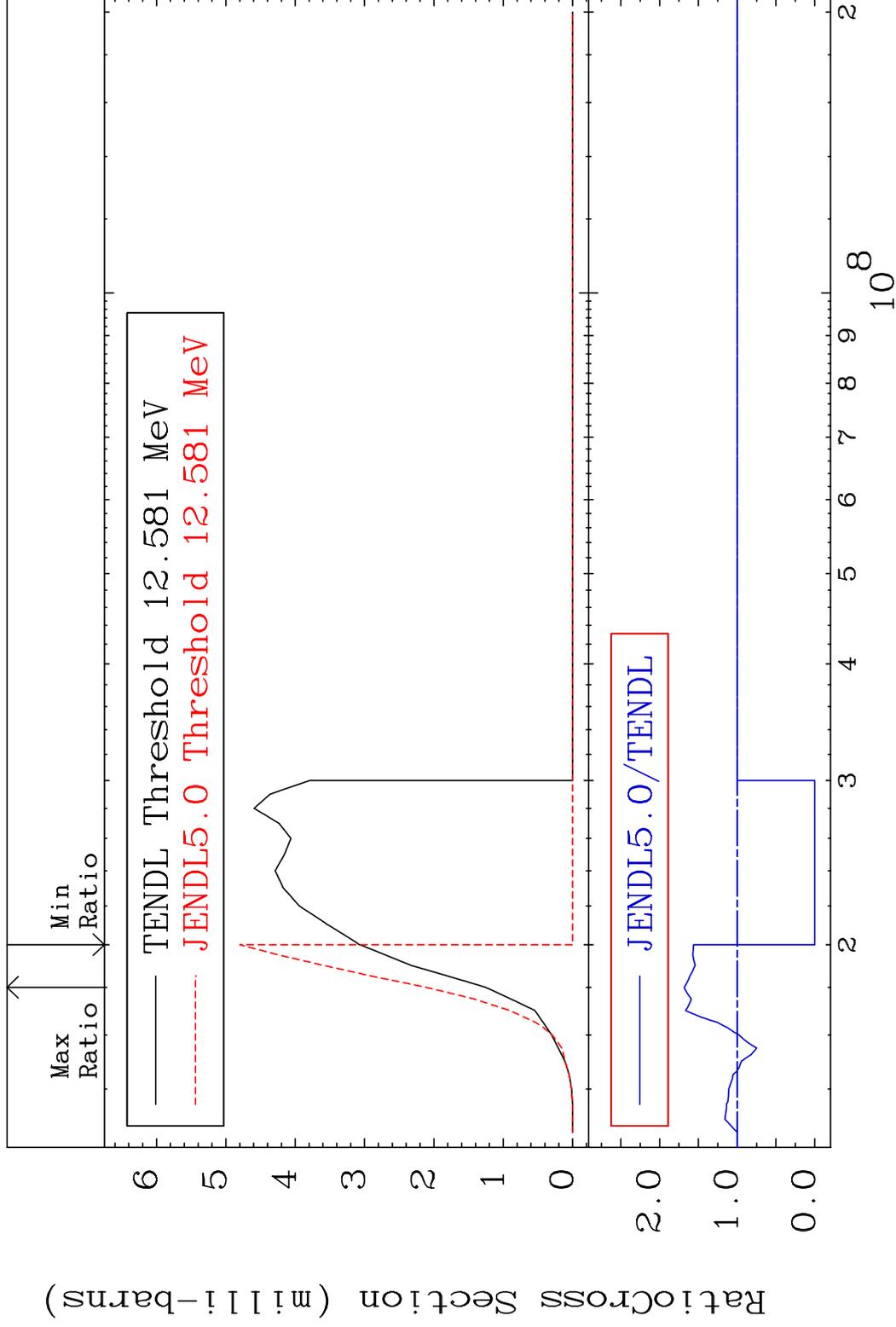
14-Si-32

MAT 1437

(n,p)

¹⁴Si-32

Cross Section -100.0 To 68.41 %



26

Incident Energy (eV)

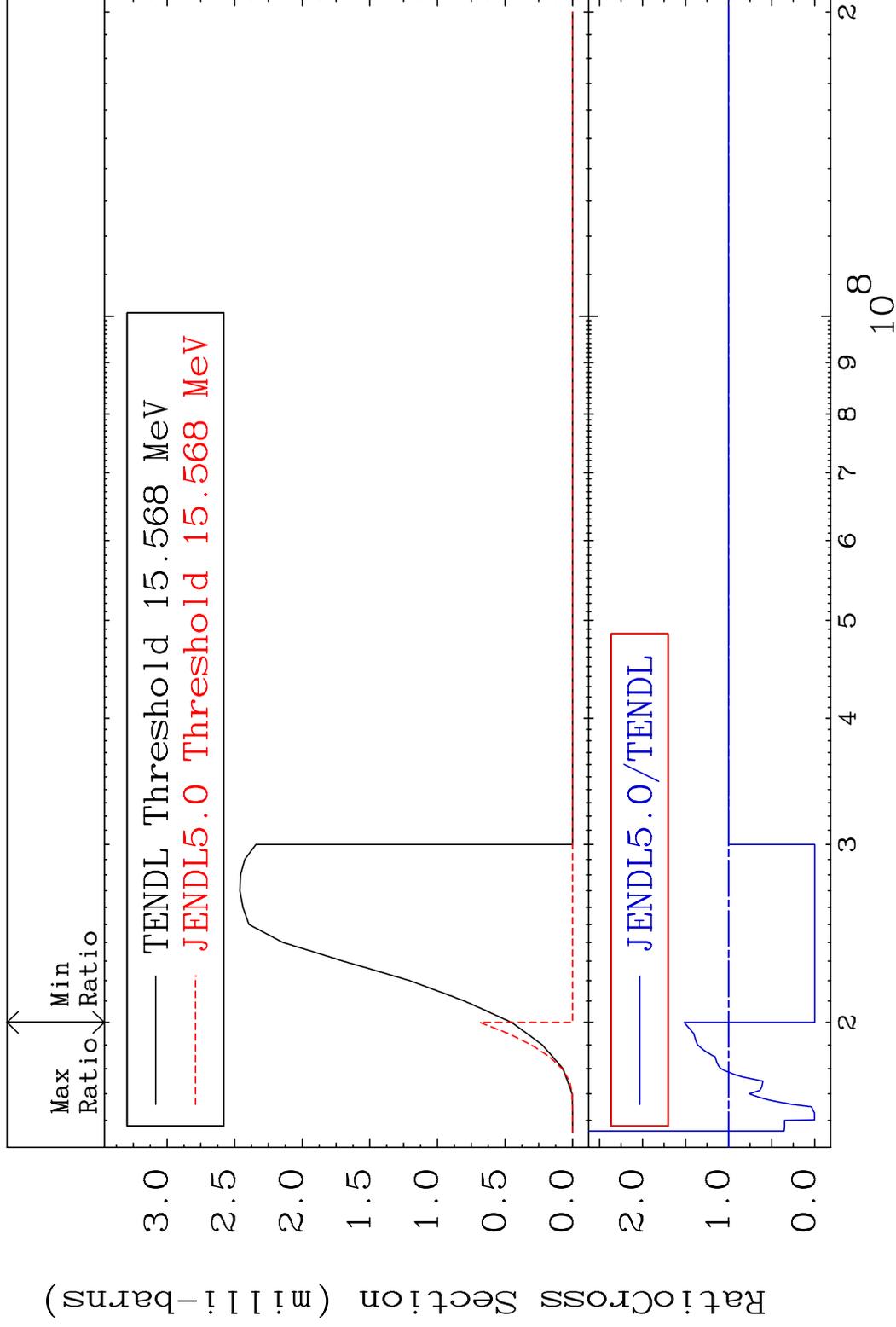
¹⁴Si-32

MAT 1437

(n, t)

14-Si-32

Cross Section -100.0 To 51.68 %

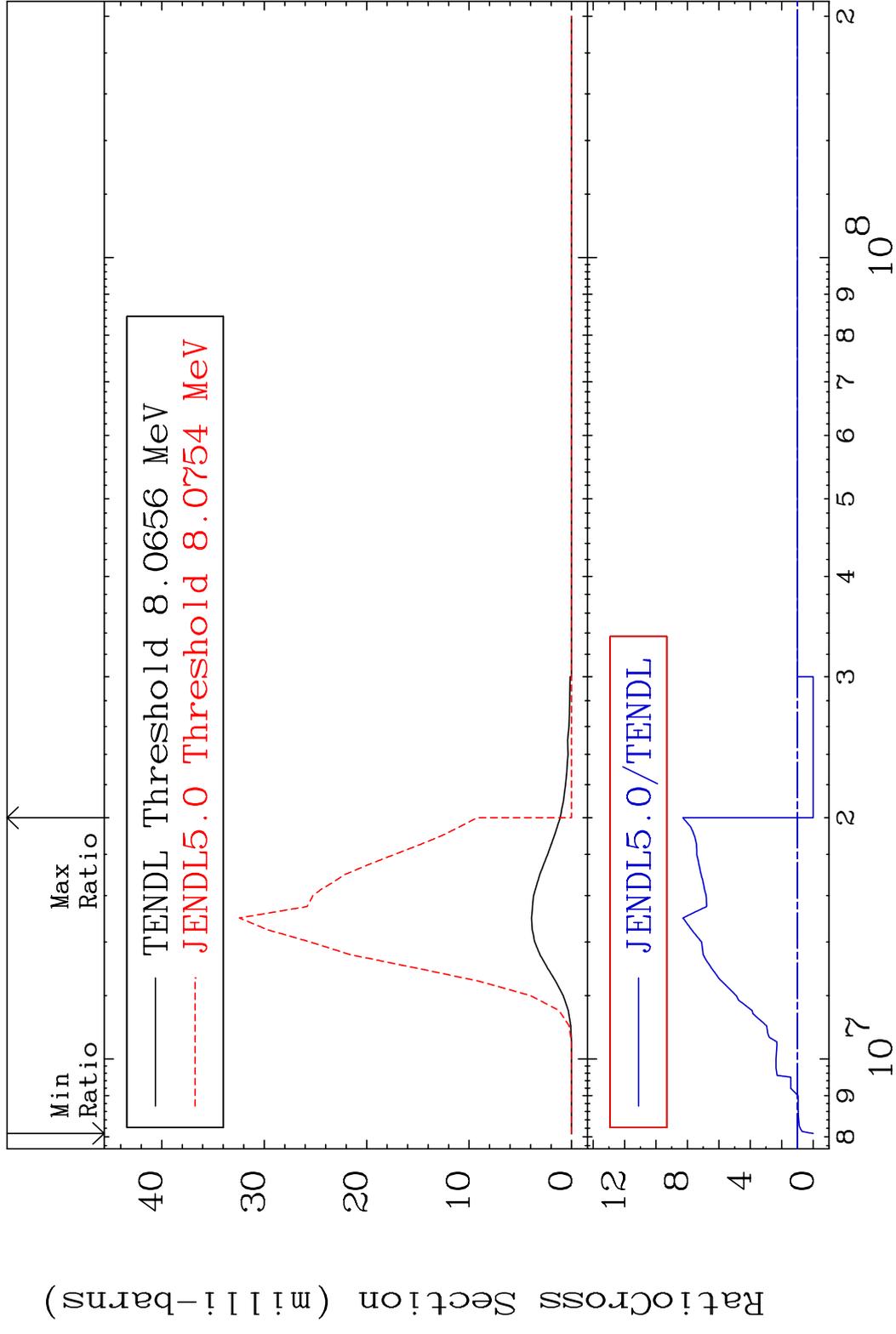


28

Incident Energy (eV)

14-Si-32

MAT 1437 (n, α) $^{14}\text{Si-32}$
 Cross Section -100.0 To 729.5 %



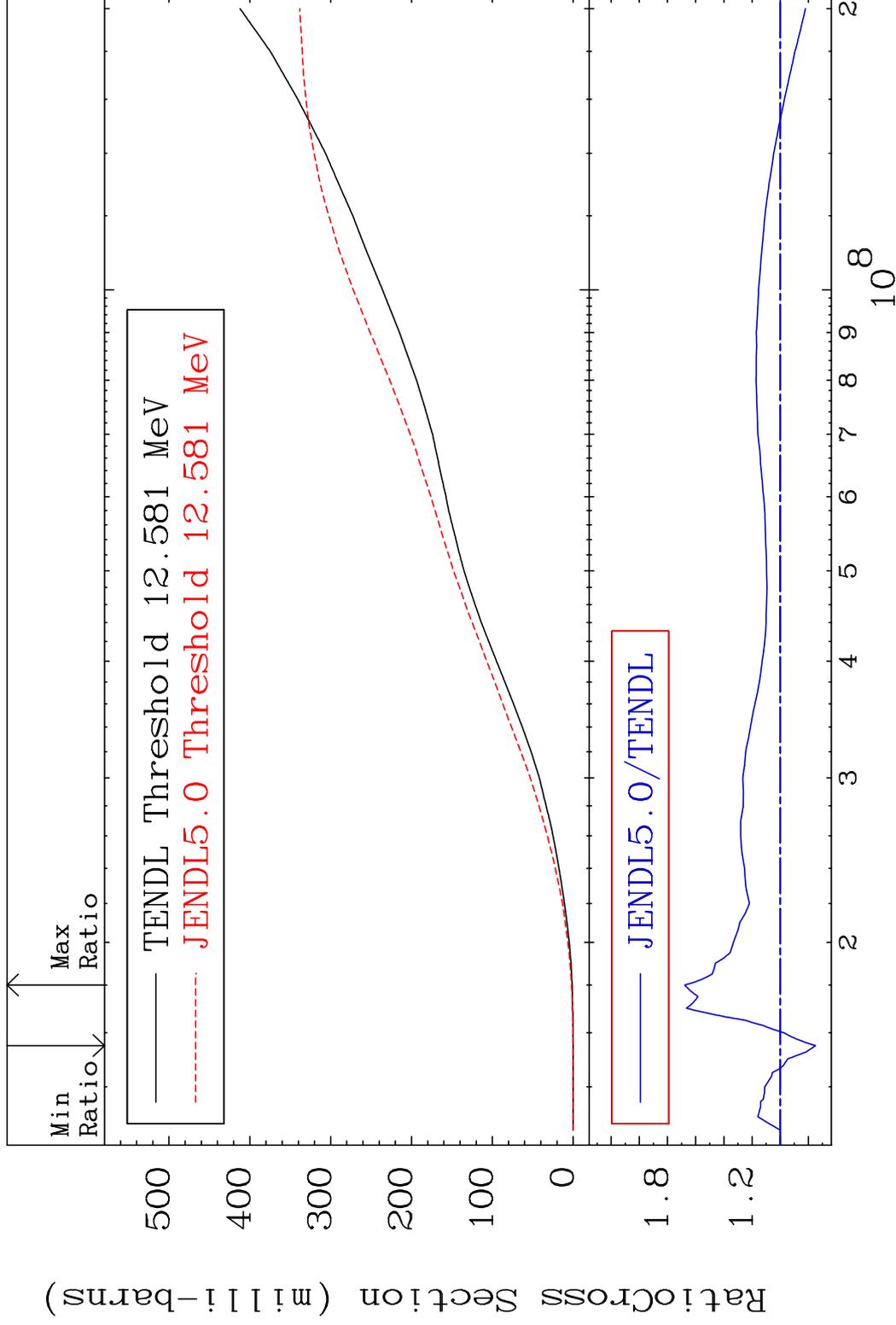
29 Incident Energy (eV) $^{14}\text{Si-32}$

MAT 1437

Hydrogen Production

14-Si-32

Cross Section -25.06 To 67.74 %



30

Incident Energy (eV)

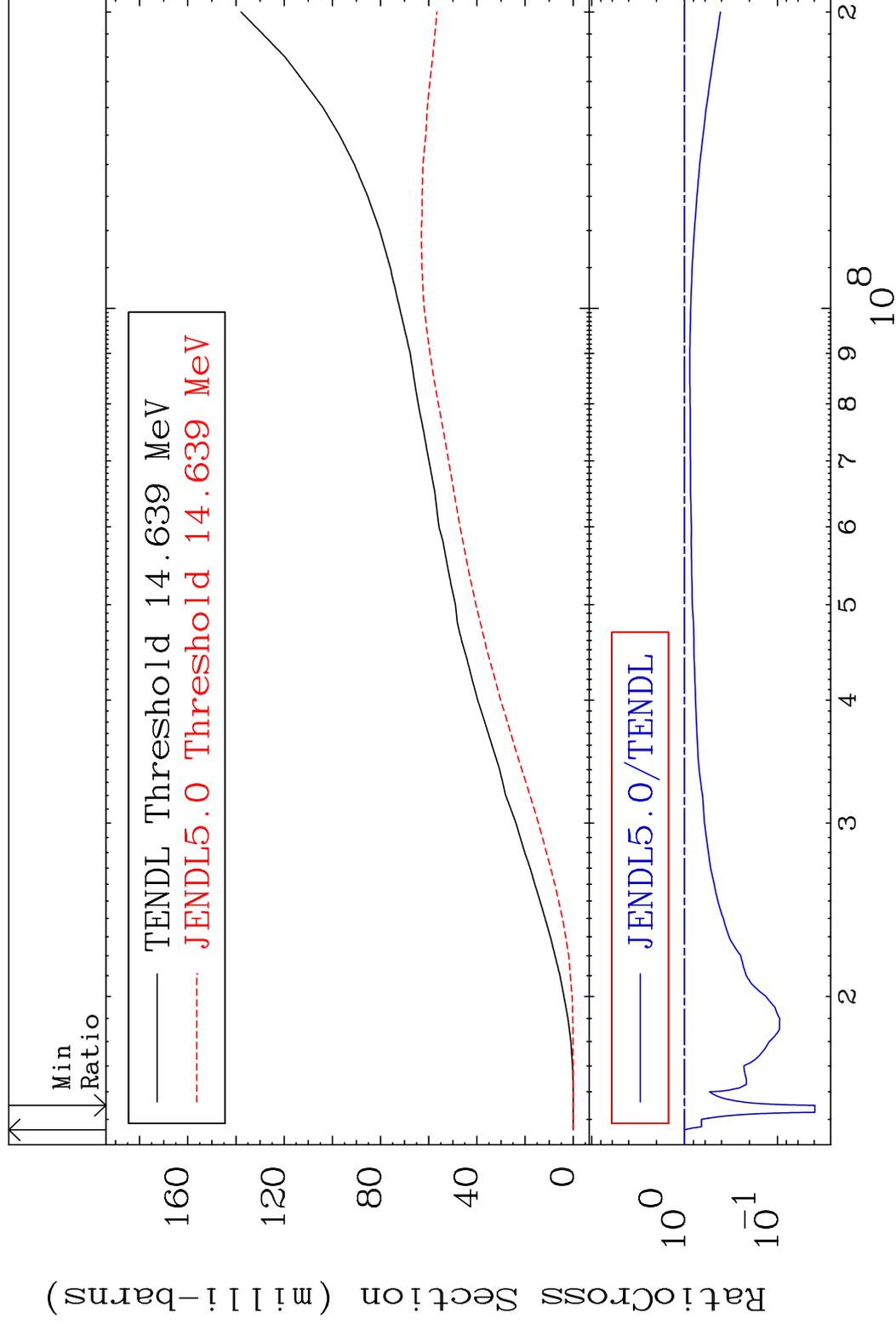
14-Si-32

MAT 1437

Deuterium Production

14-Si-32

Cross Section -96.05 To 0.000 %



31

Incident Energy (eV)

14-Si-32

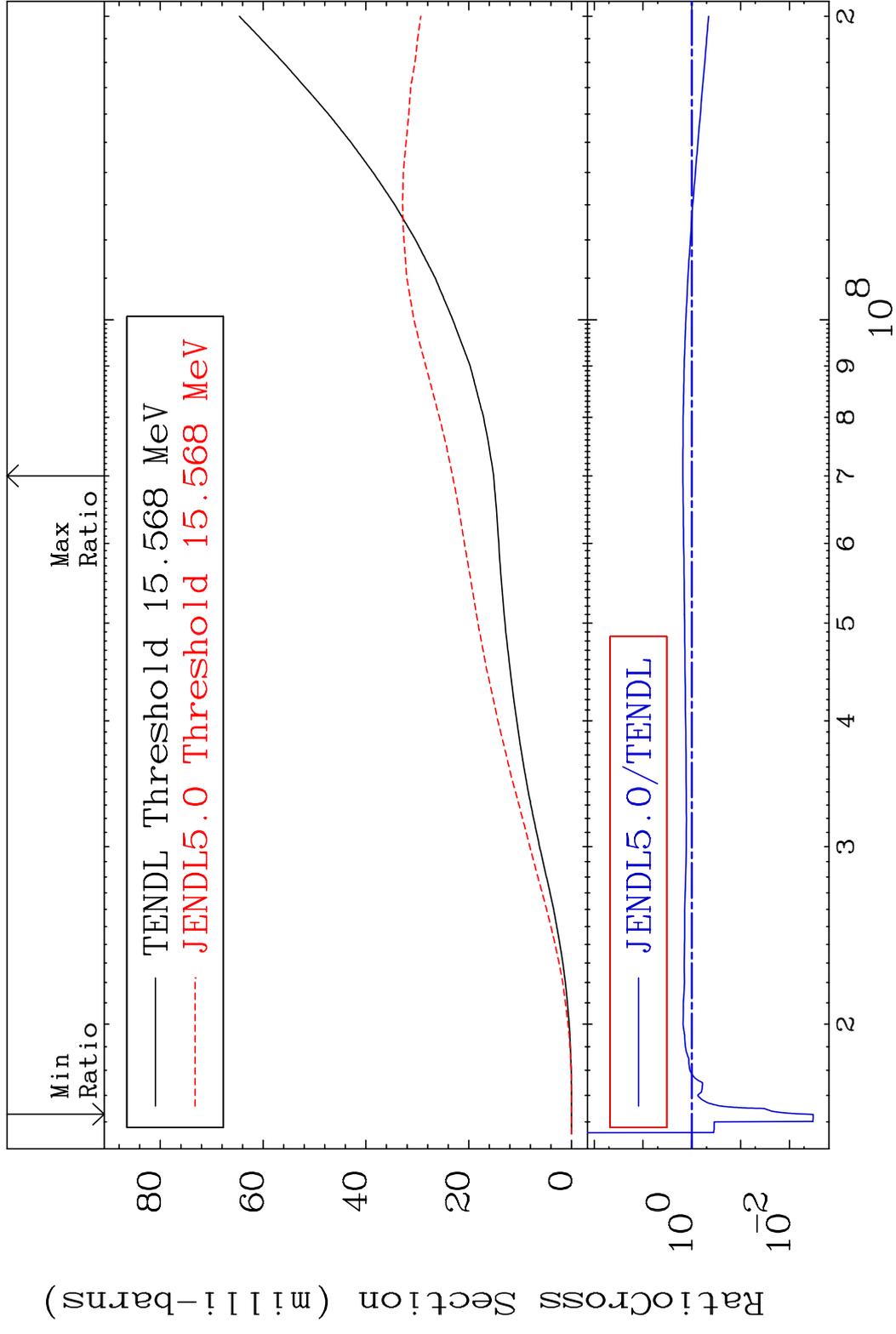
MAT 1437

Tritium Production

14-Si-32

Cross Section

-99.67 To 52.86 %



32

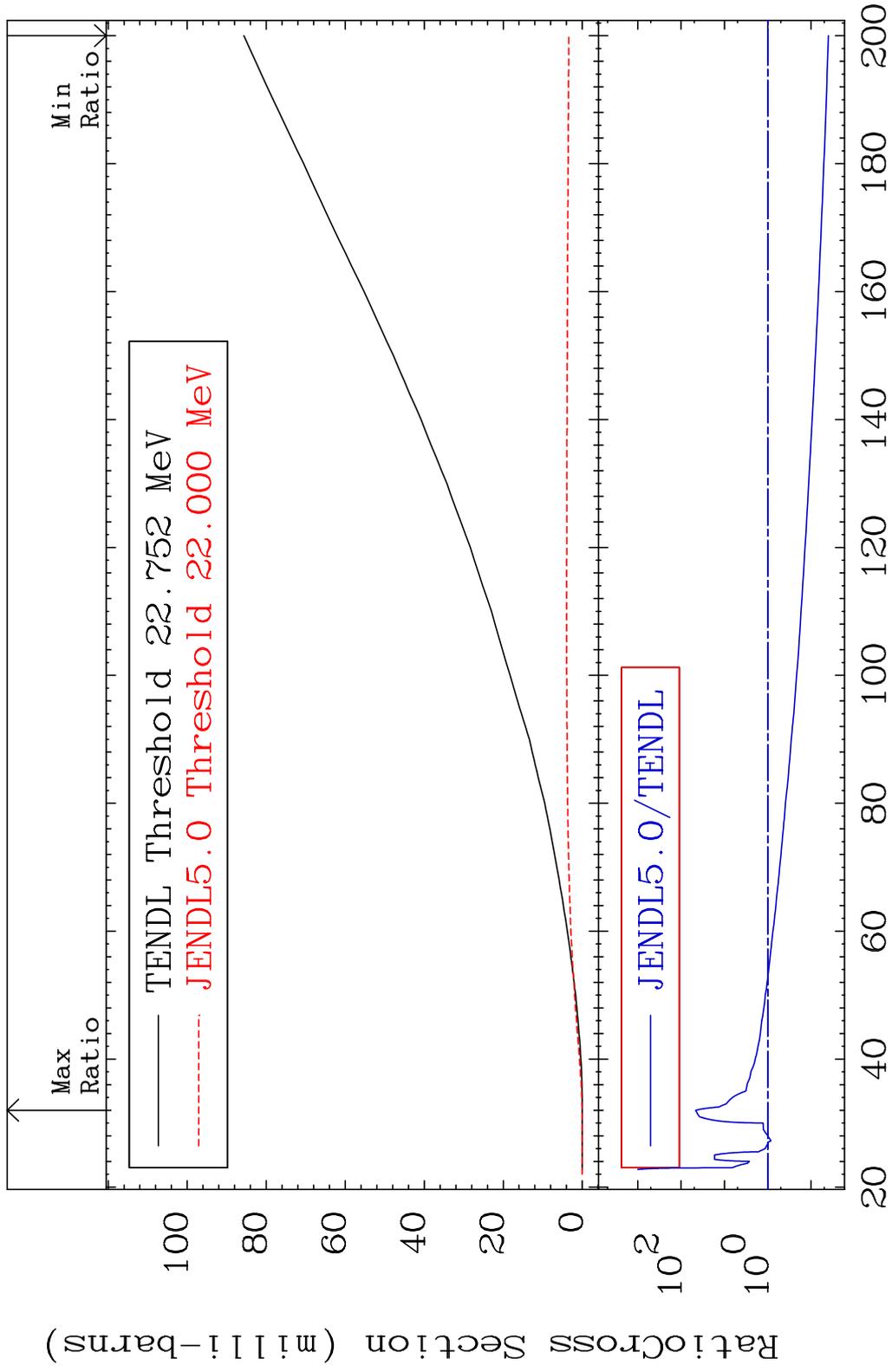
14-Si-32

MAT 1437

He-3 Production

14-Si-32

Cross Section -96.01 To 4526. %

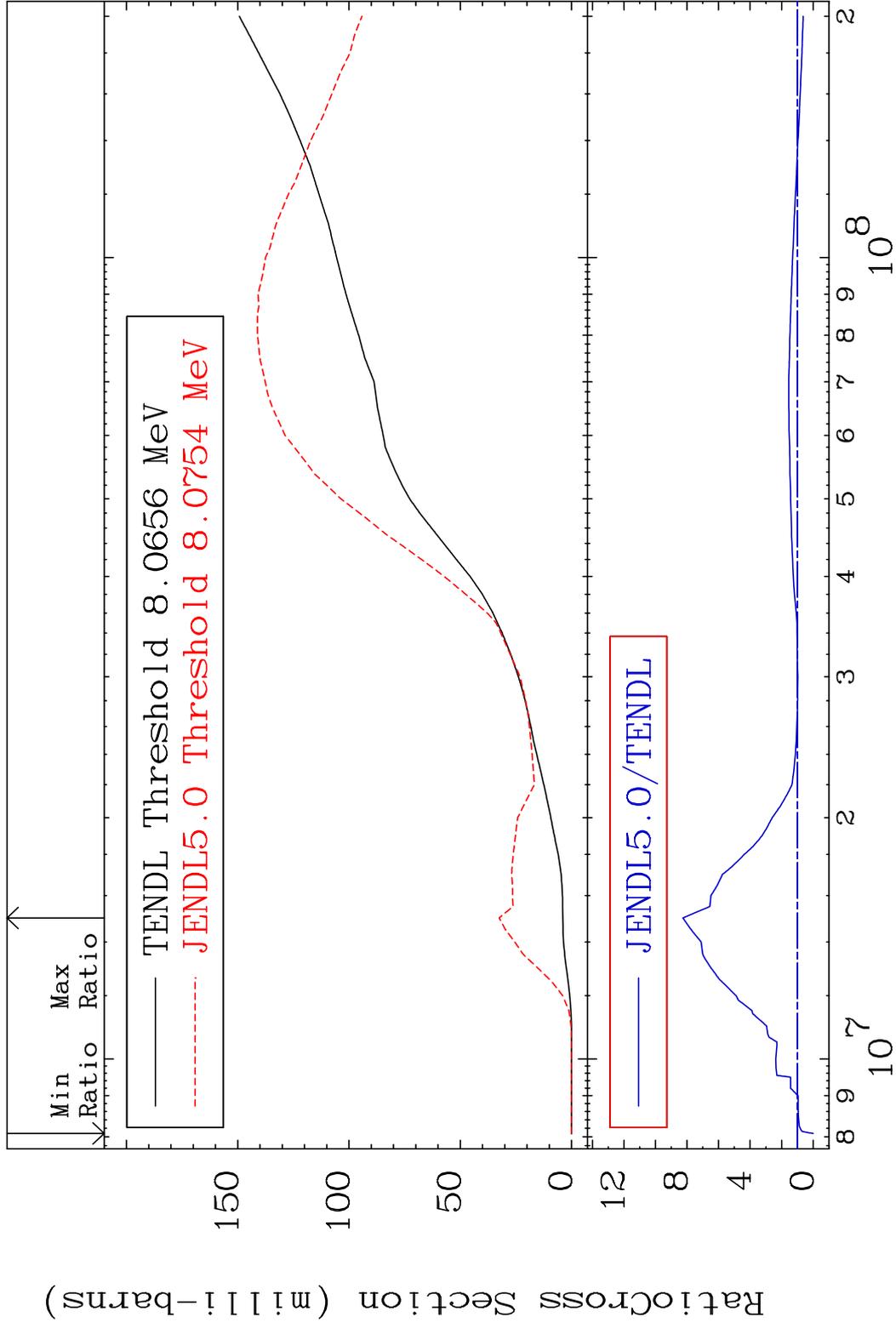


MAT 1437

He-4 Production

14-Si-32

Cross Section -100.0 To 726.6 %



34

Incident Energy (eV)

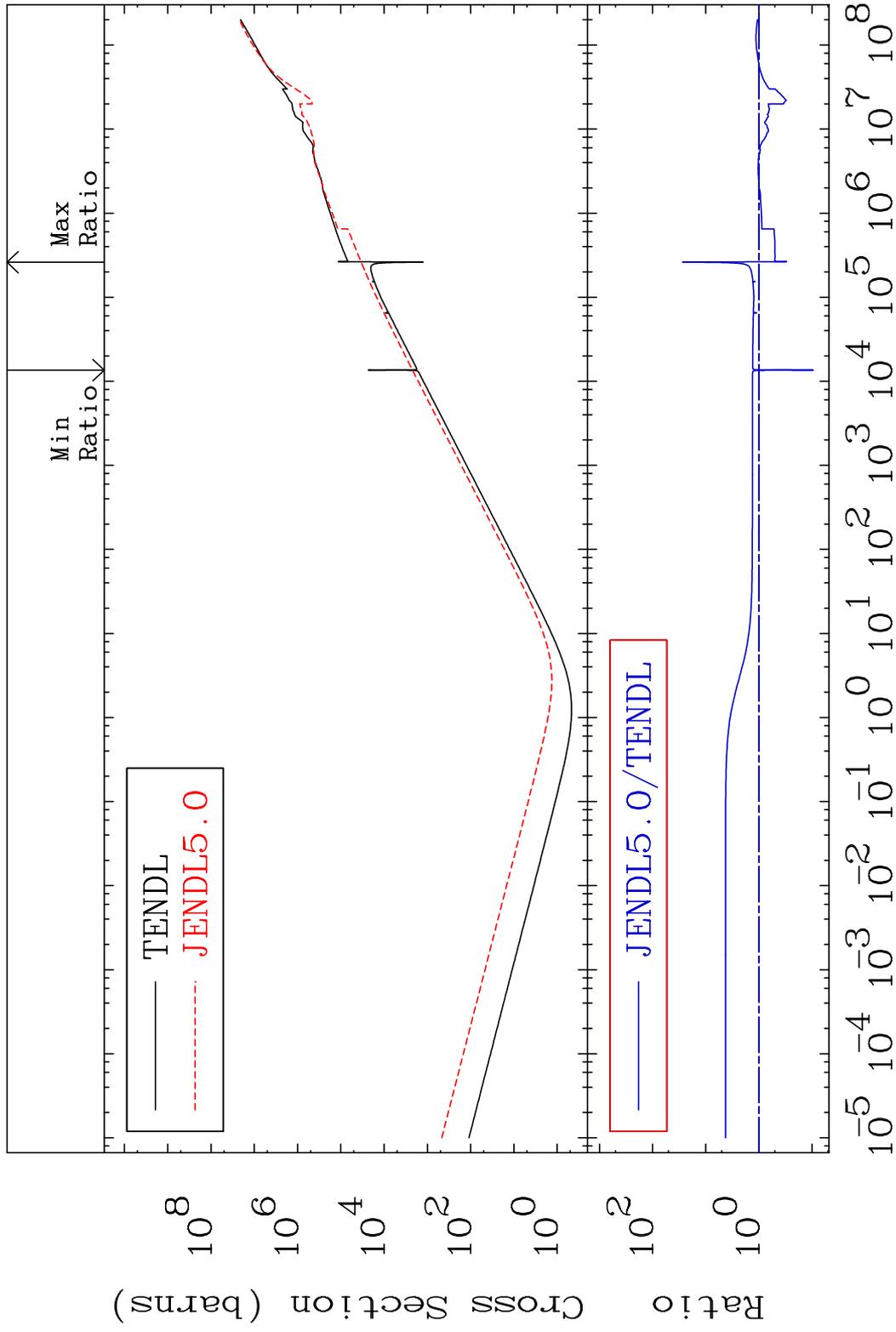
14-Si-32

MAT 1437

Kerma total (eV-barns)

14-Si-32

Cross Section -90.47 To 2598. %



35

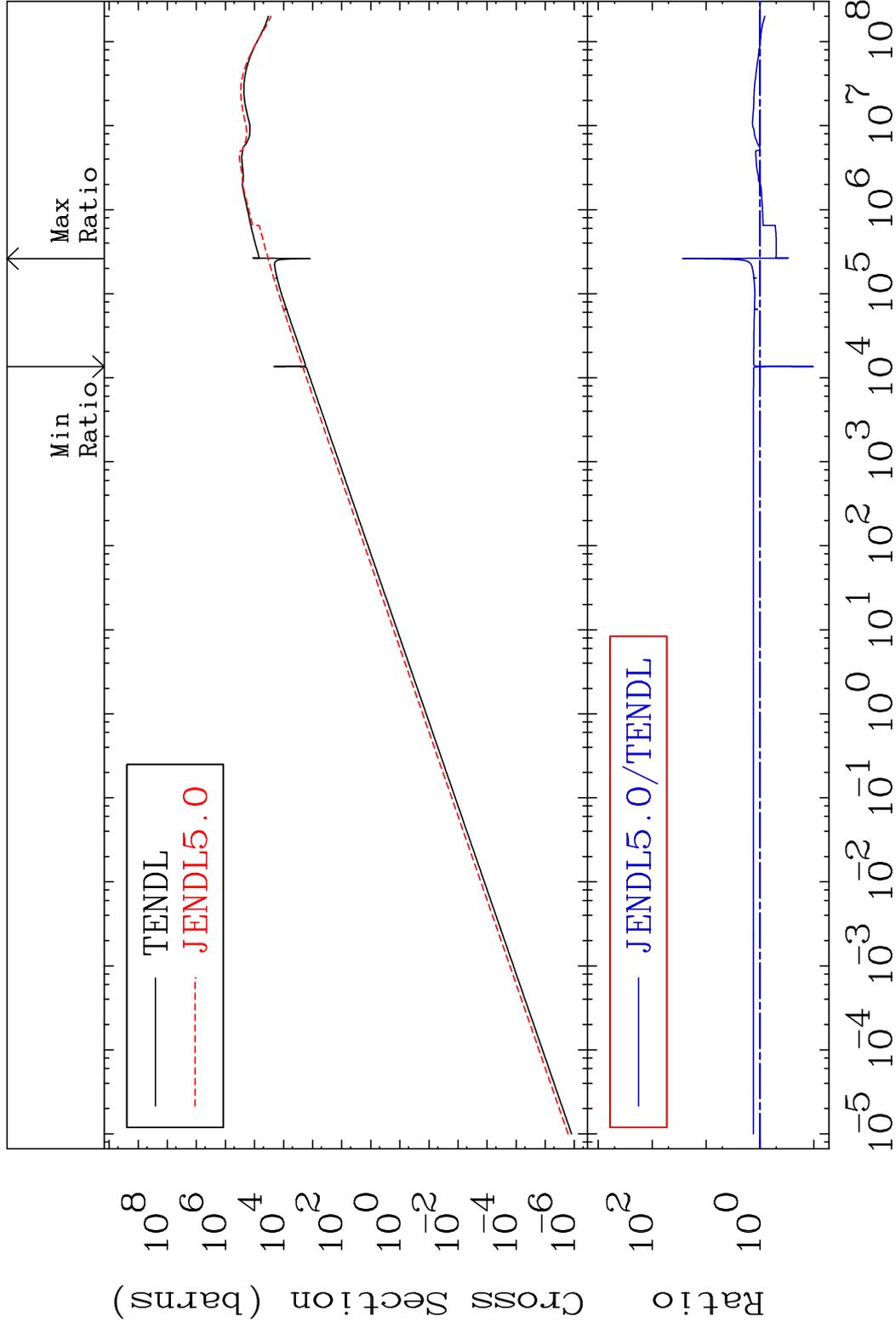
Incident Energy (eV)

14-Si-32

MAT 1437

Kerma elastic
Cross Section

14-Si-32
-89.68 To 2601. %

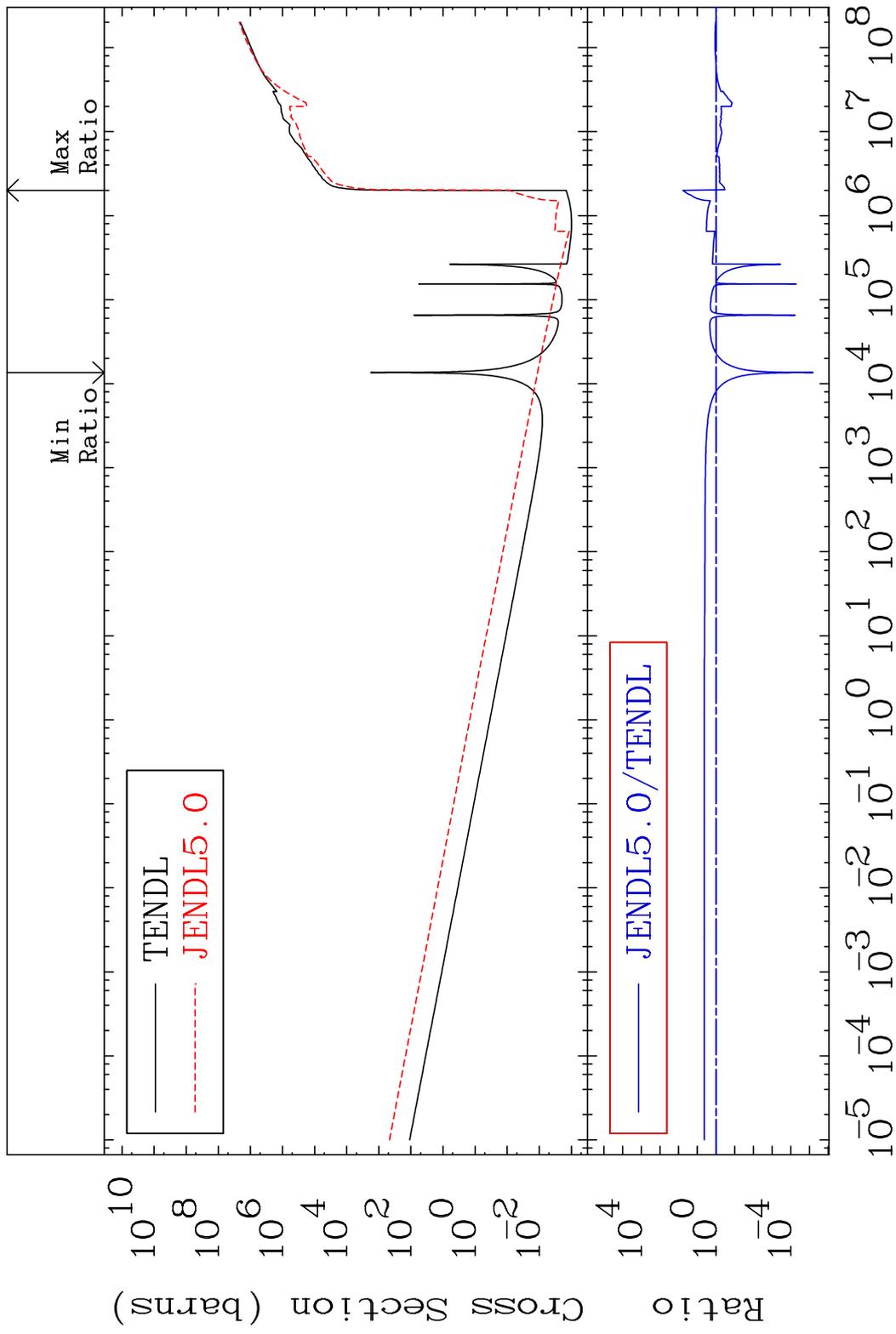


36

Incident Energy (eV)

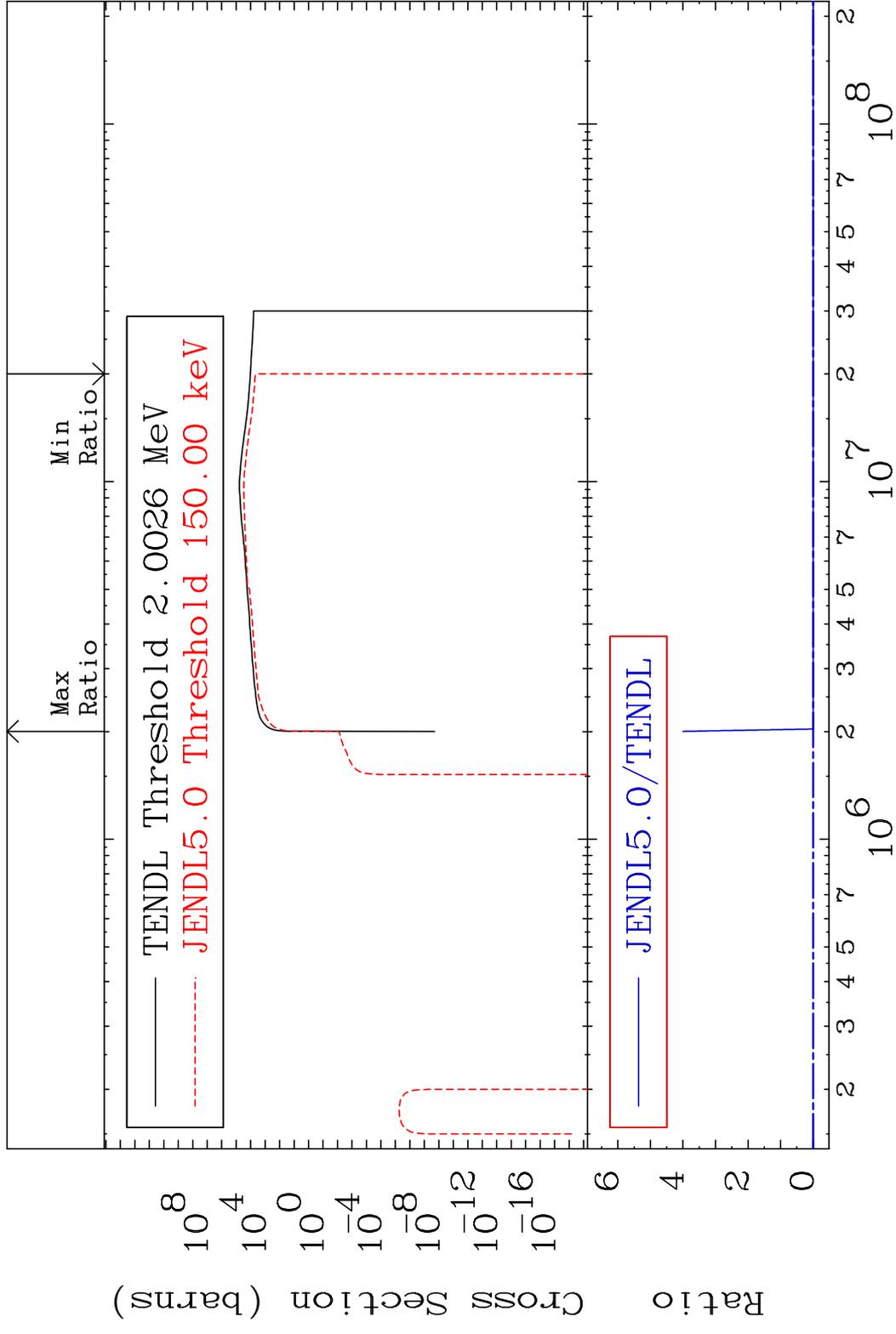
14-Si-32

MAT 1437 Kerma non-elastic (all but mt2) 14-Si-32
 Cross Section -100.0 To 5867. %

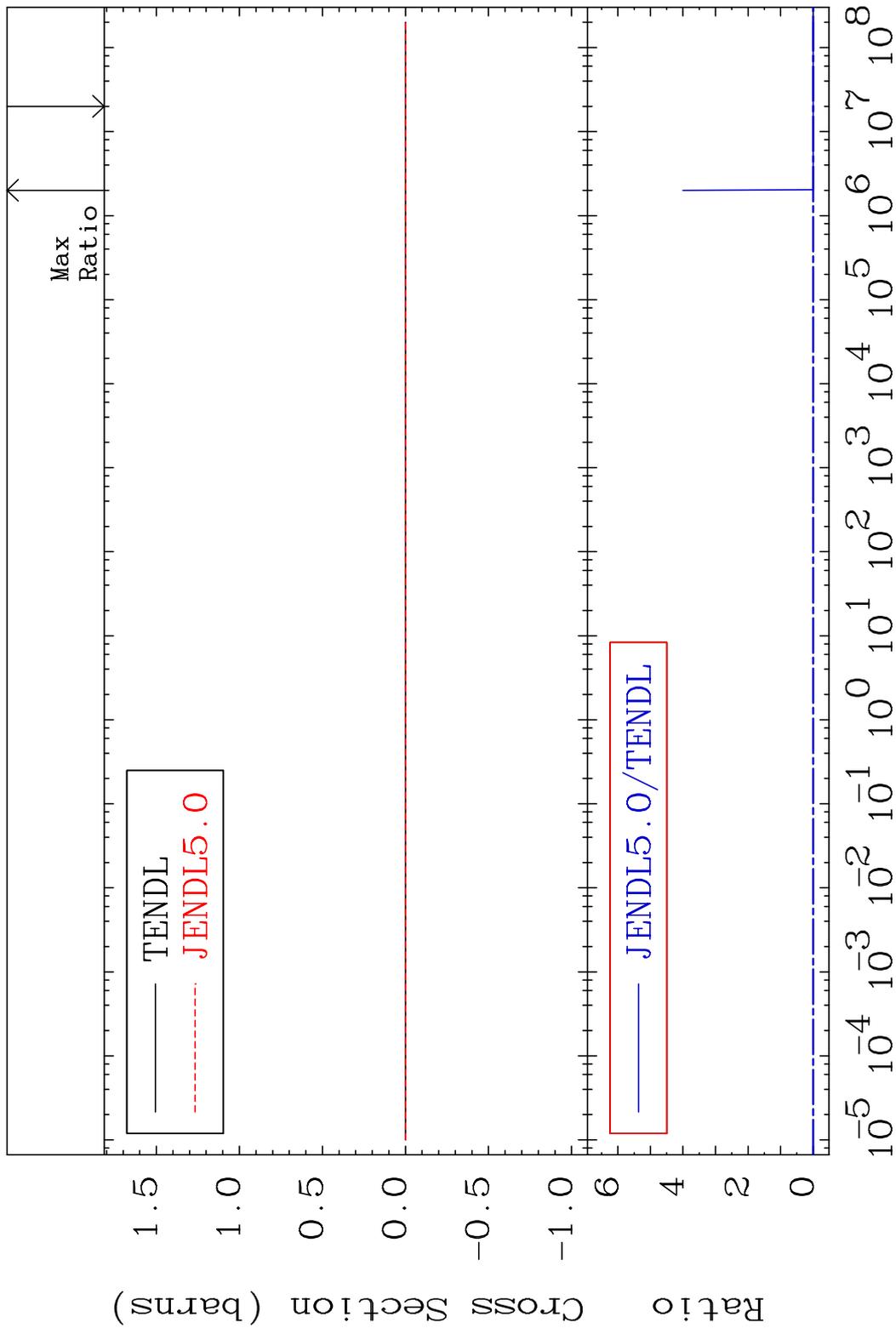


MAT 1437

Kerma inelastic (mt51-91) 14-Si-32
Cross Section -100.0 To 9999. %

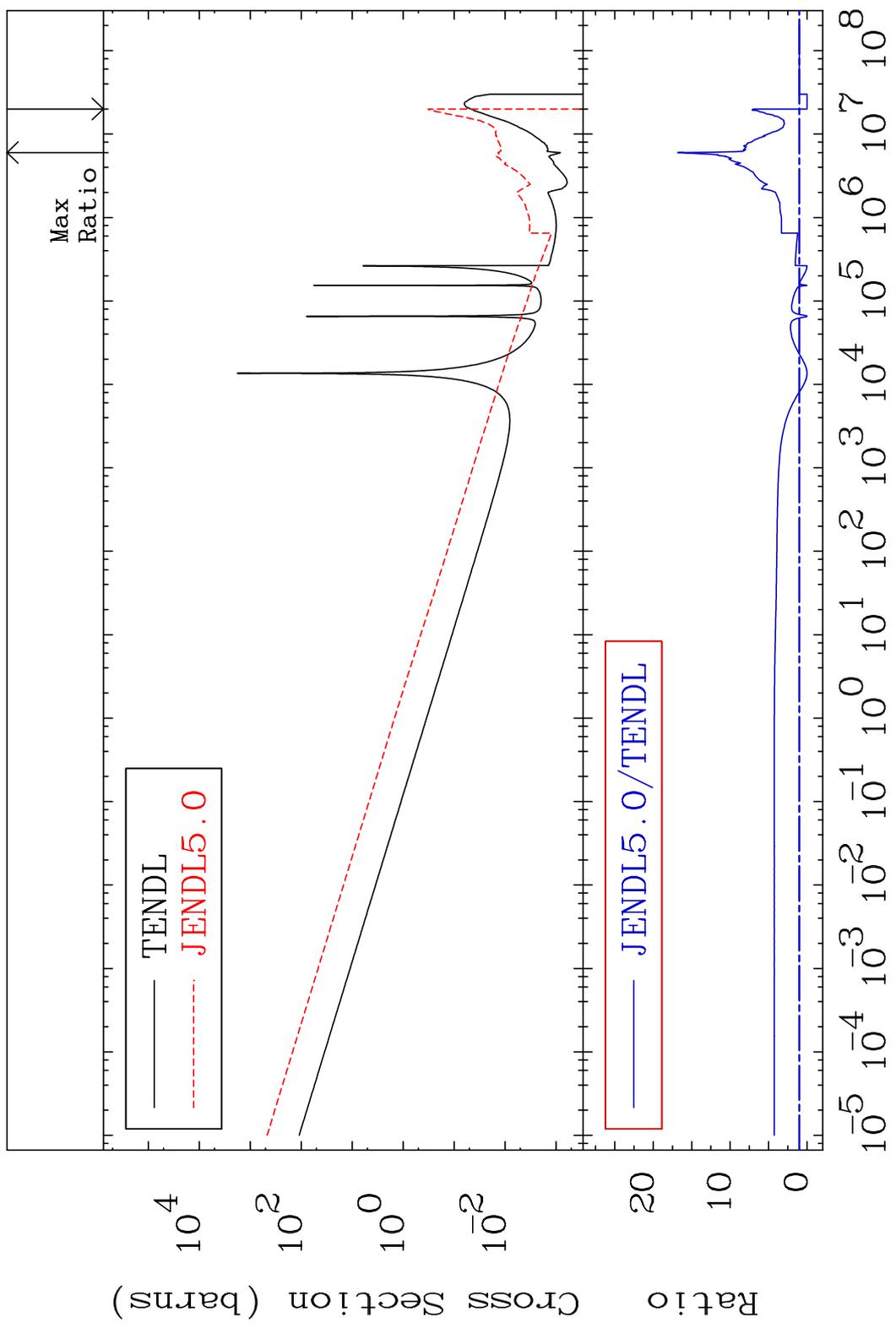


MAT 1437 Kerma fission (mt18 or mt19-20-21-38) 14-Si-32
 Cross Section -100.0 To 9999. %



MAT 1437

Kerma capture (mt102) 14-Si-32
Cross Section -100.0 To 1582. %



40

Incident Energy (eV)

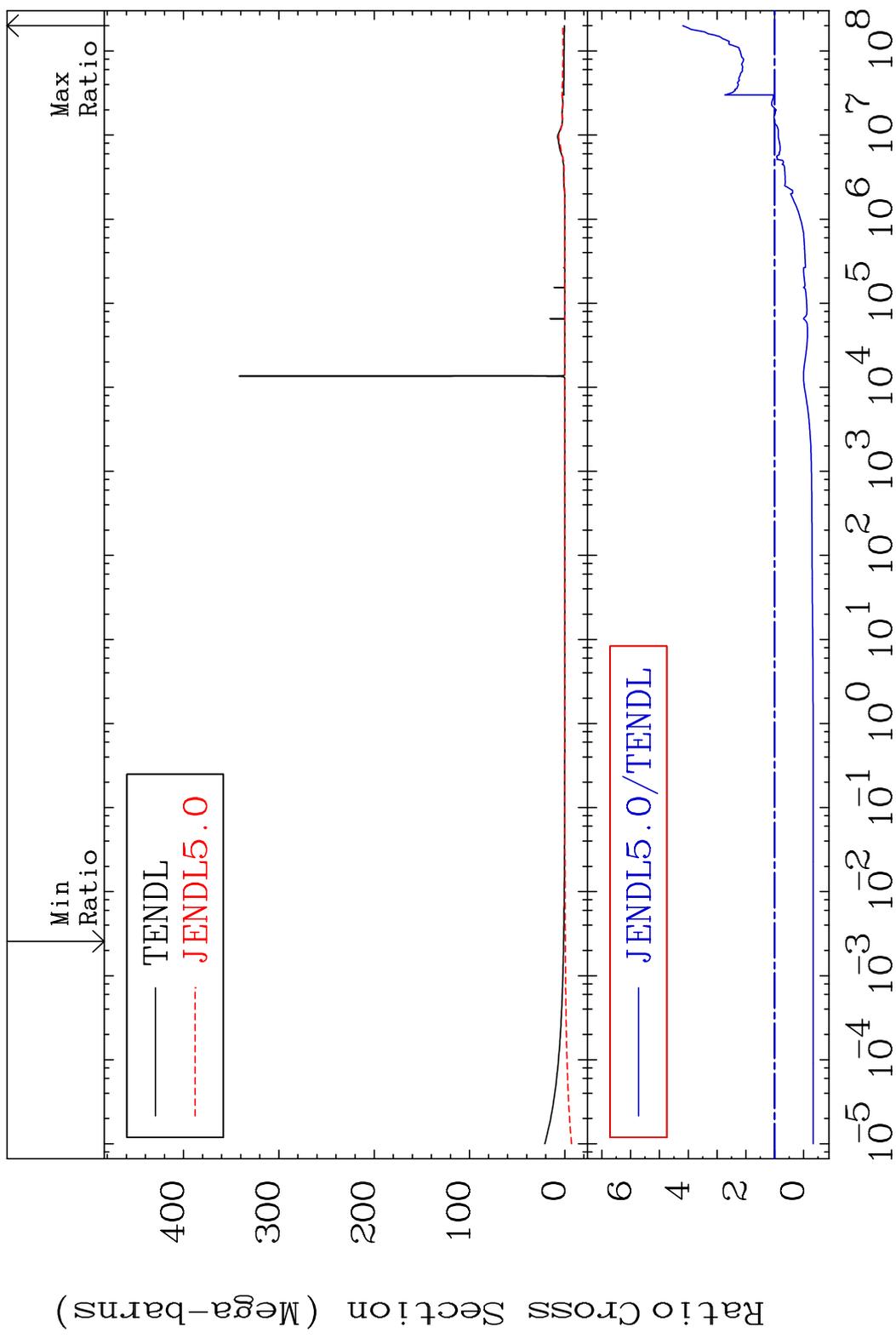
14-Si-32

MAT 1437

Total photon (eV-barns)

14-Si-32

Cross Section -133.4 To 318.9 %

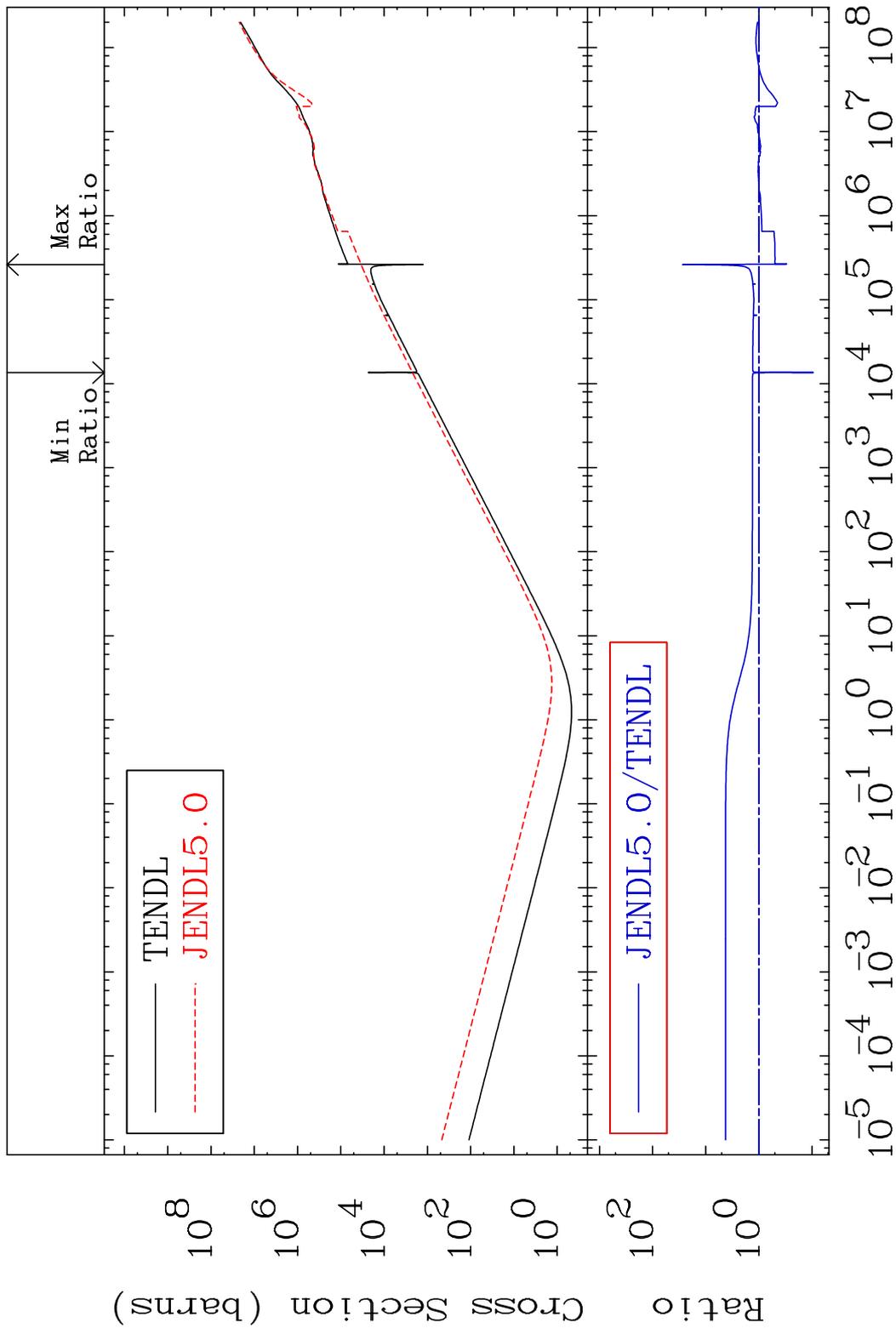


41

Incident Energy (eV)

14-Si-32

MAT 1437 Total kinematic kerma (high limit) 14-Si-32
 Cross Section -90.47 To 2598. %

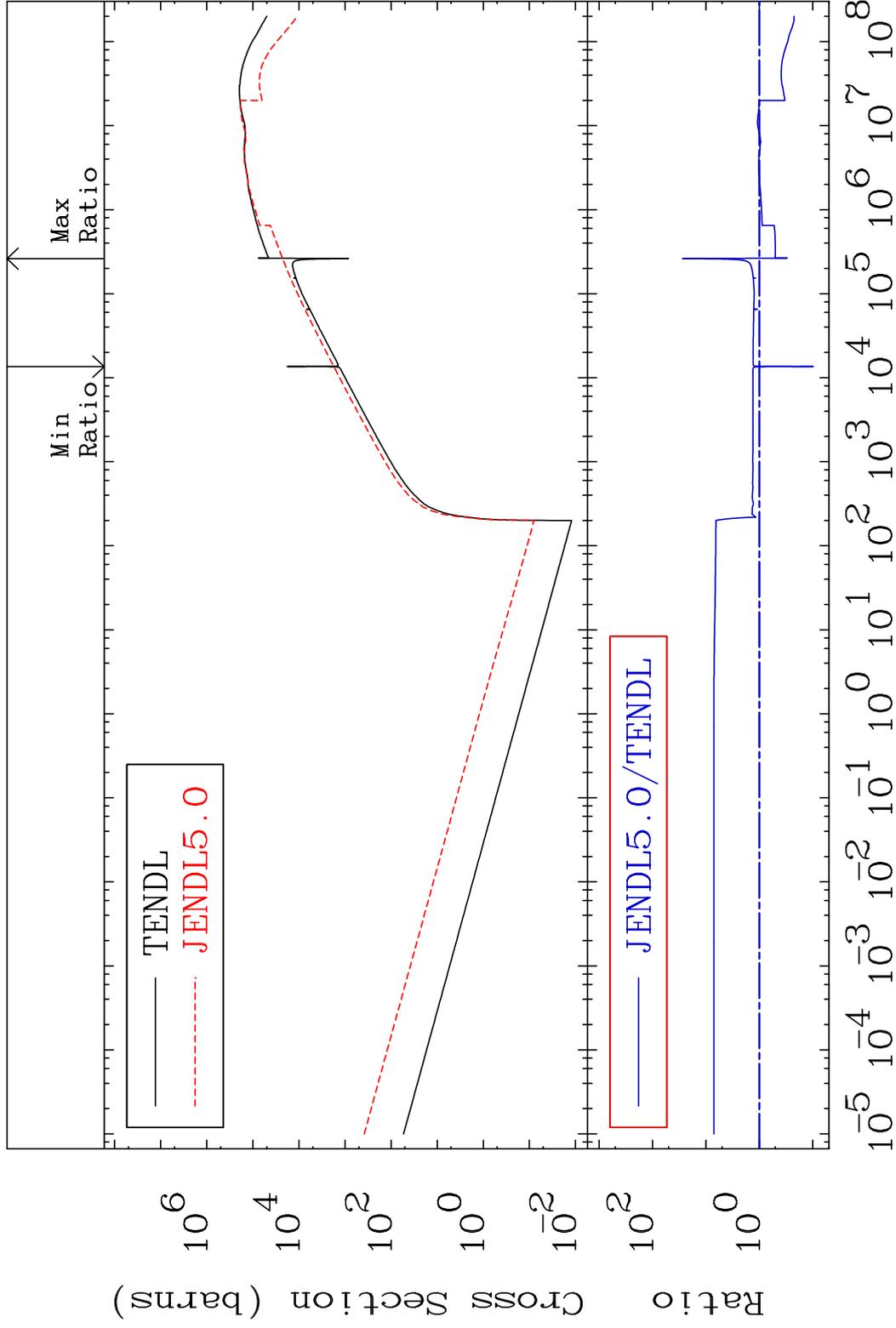


MAT 1437

Dpa total (eV-barns)

14-Si-32

Cross Section -90.19 To 2611. %



43

Incident Energy (eV)

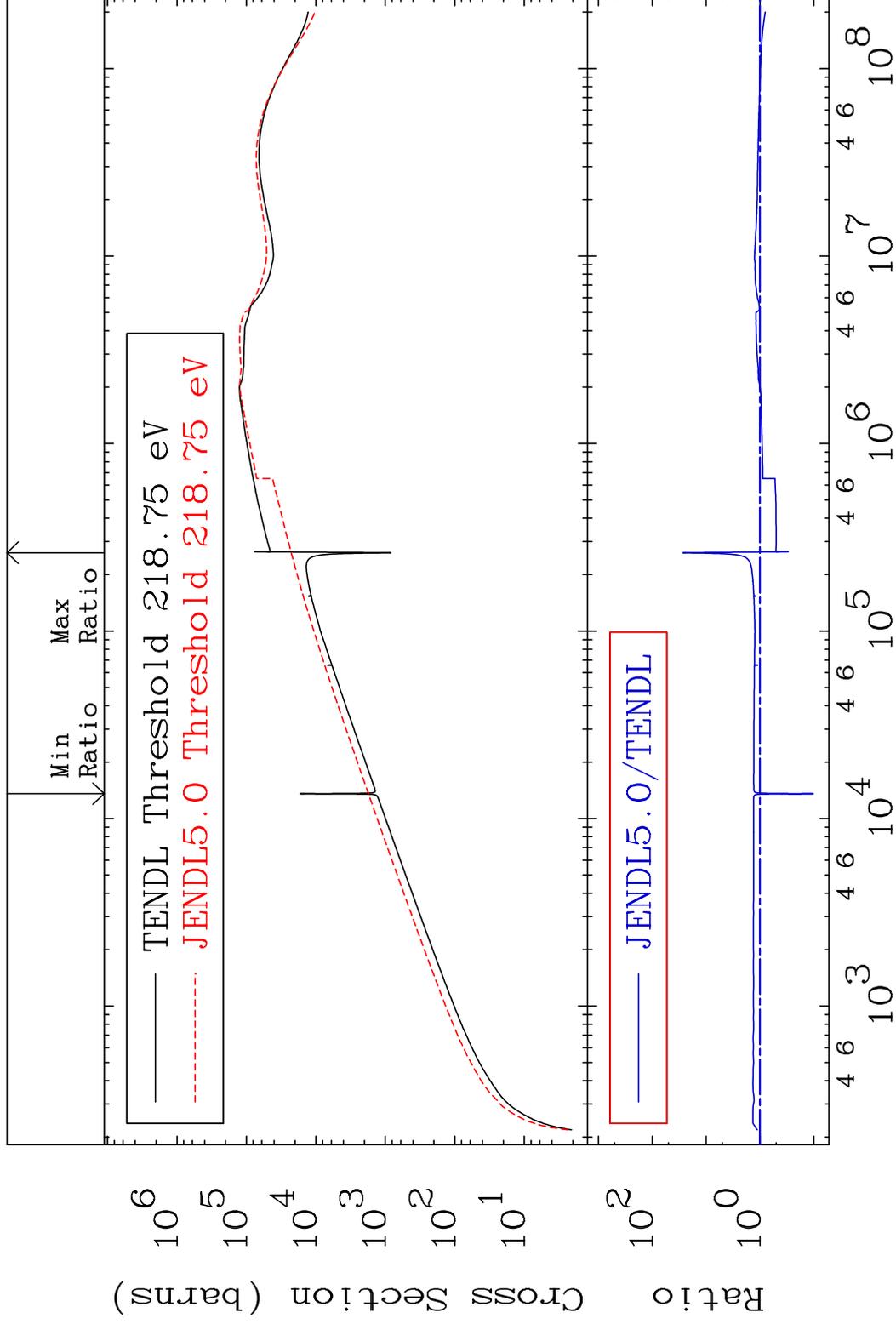
14-Si-32

MAT 1437

Dpa elastic (mt2)

14-Si-32

Cross Section -89.69 To 2613. %



44

Incident Energy (eV)

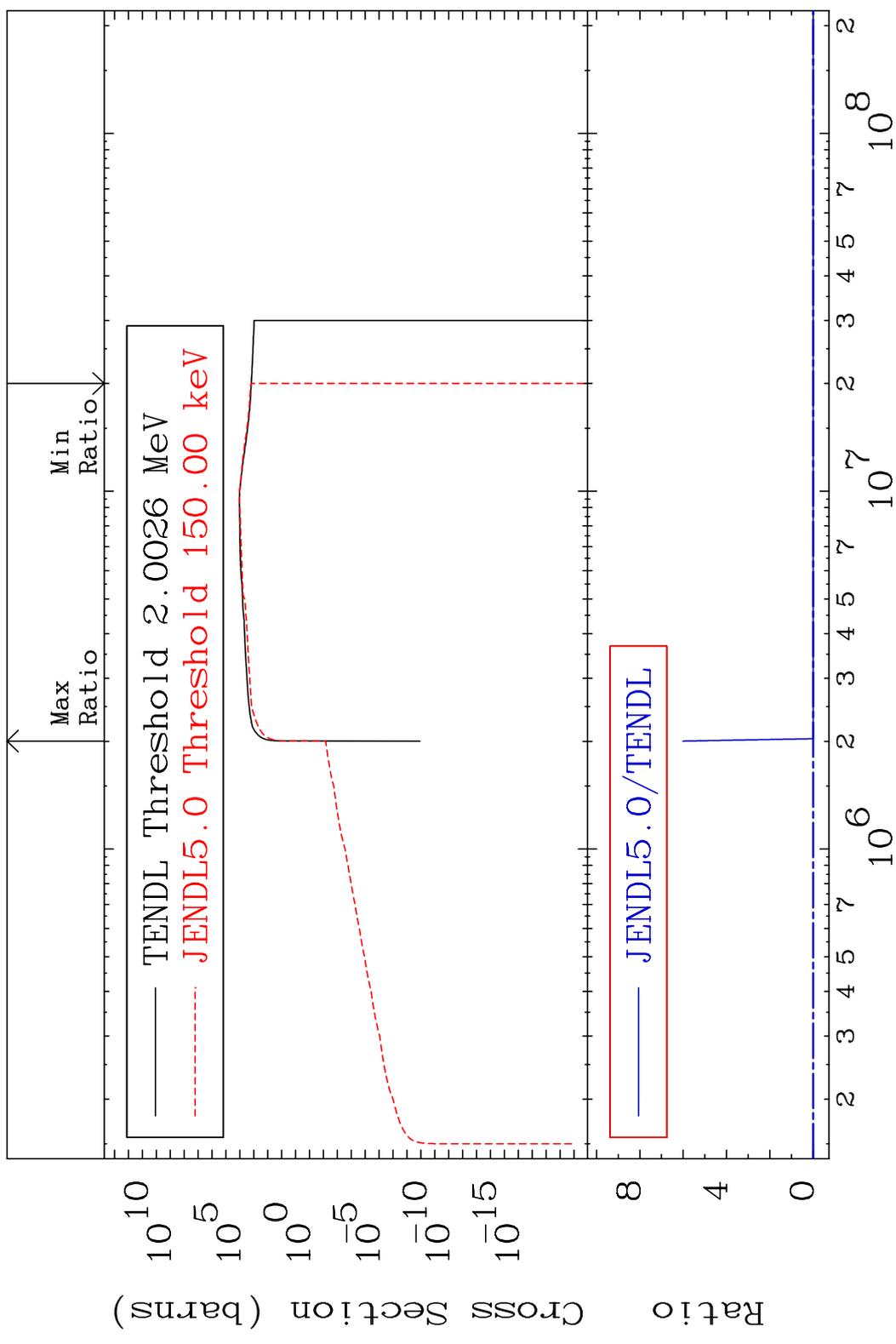
14-Si-32

MAT 1437

Dpa inelastic (mt51-91)

14-Si-32

Cross Section -100.0 To 9999. %

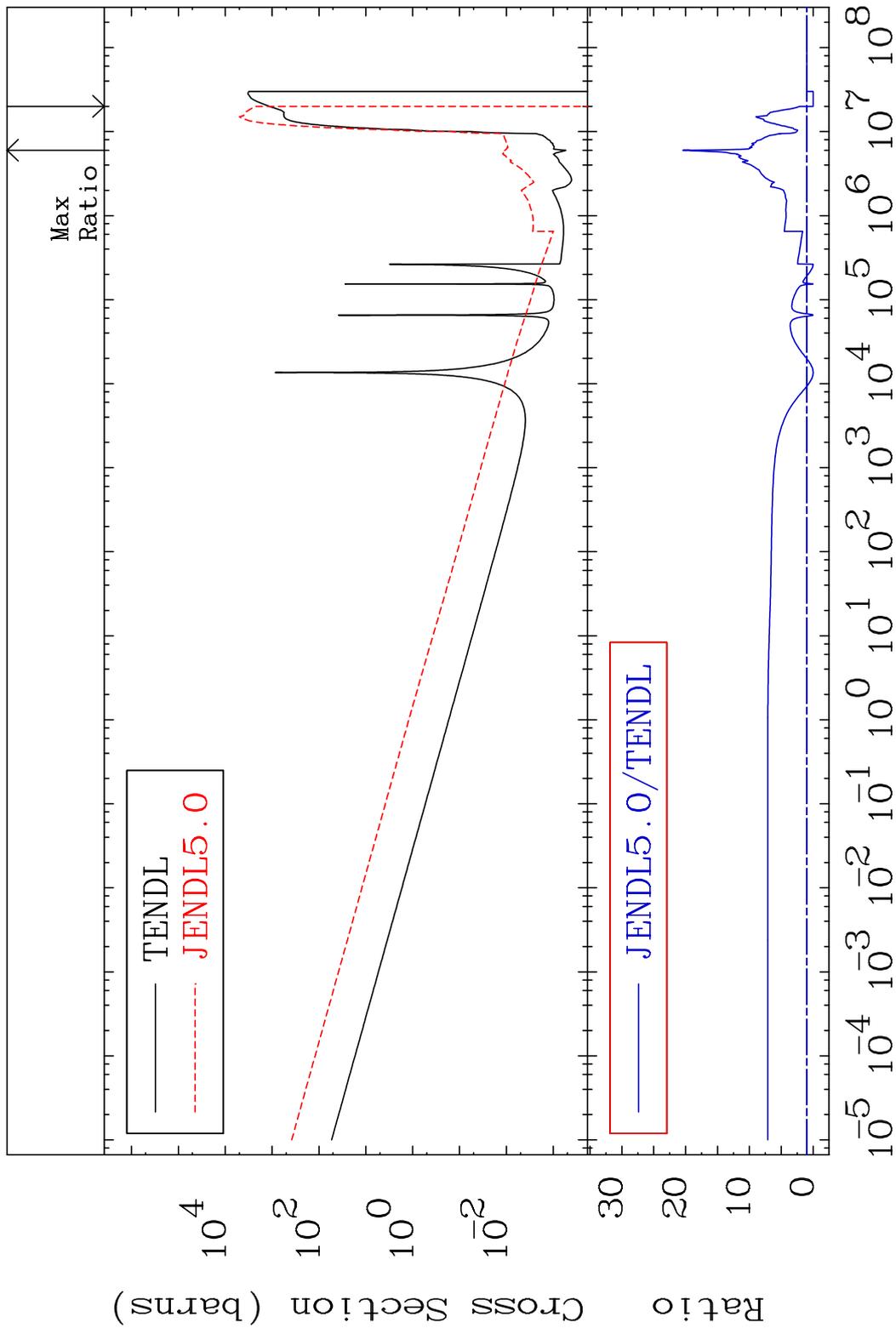


45

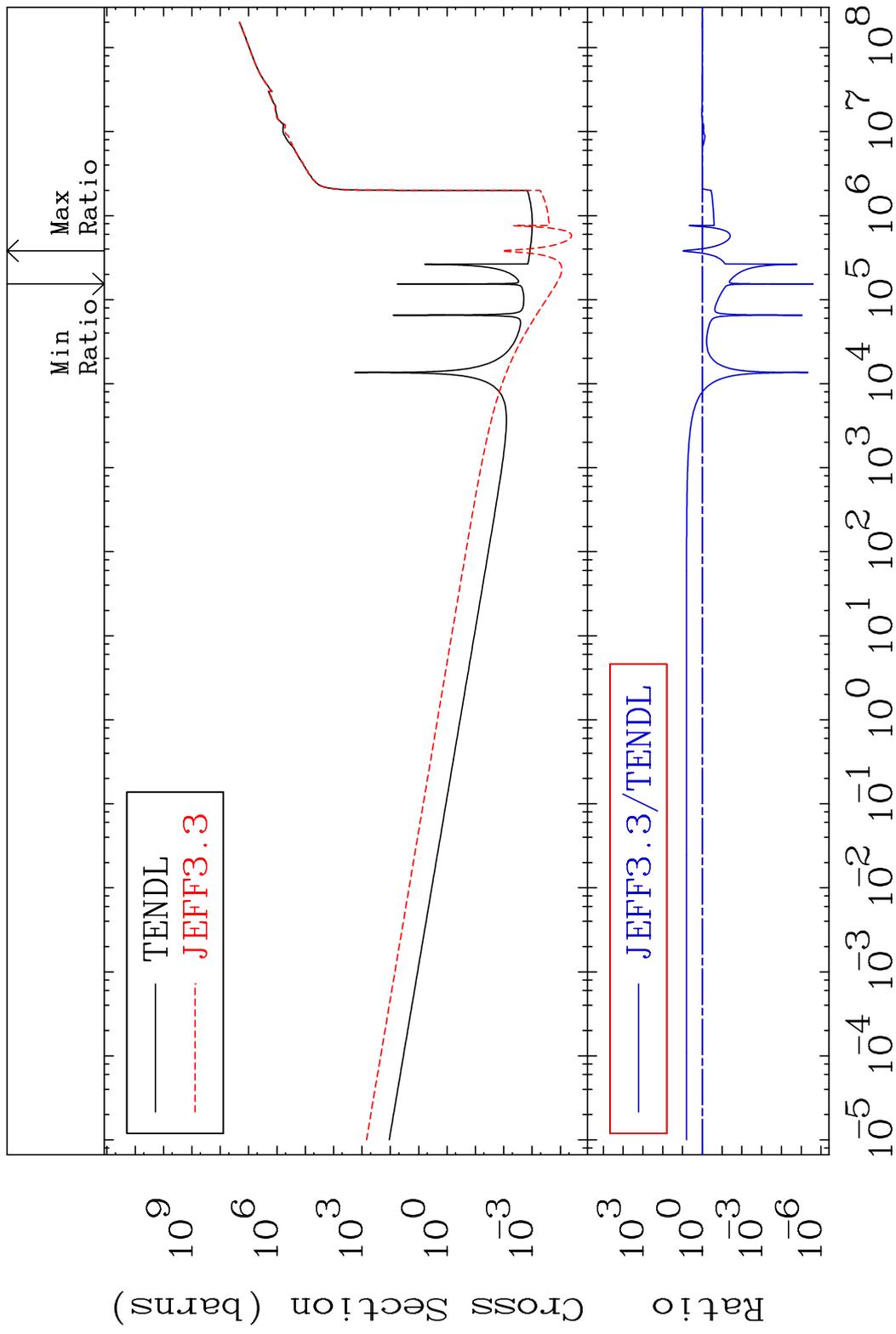
Incident Energy (eV)

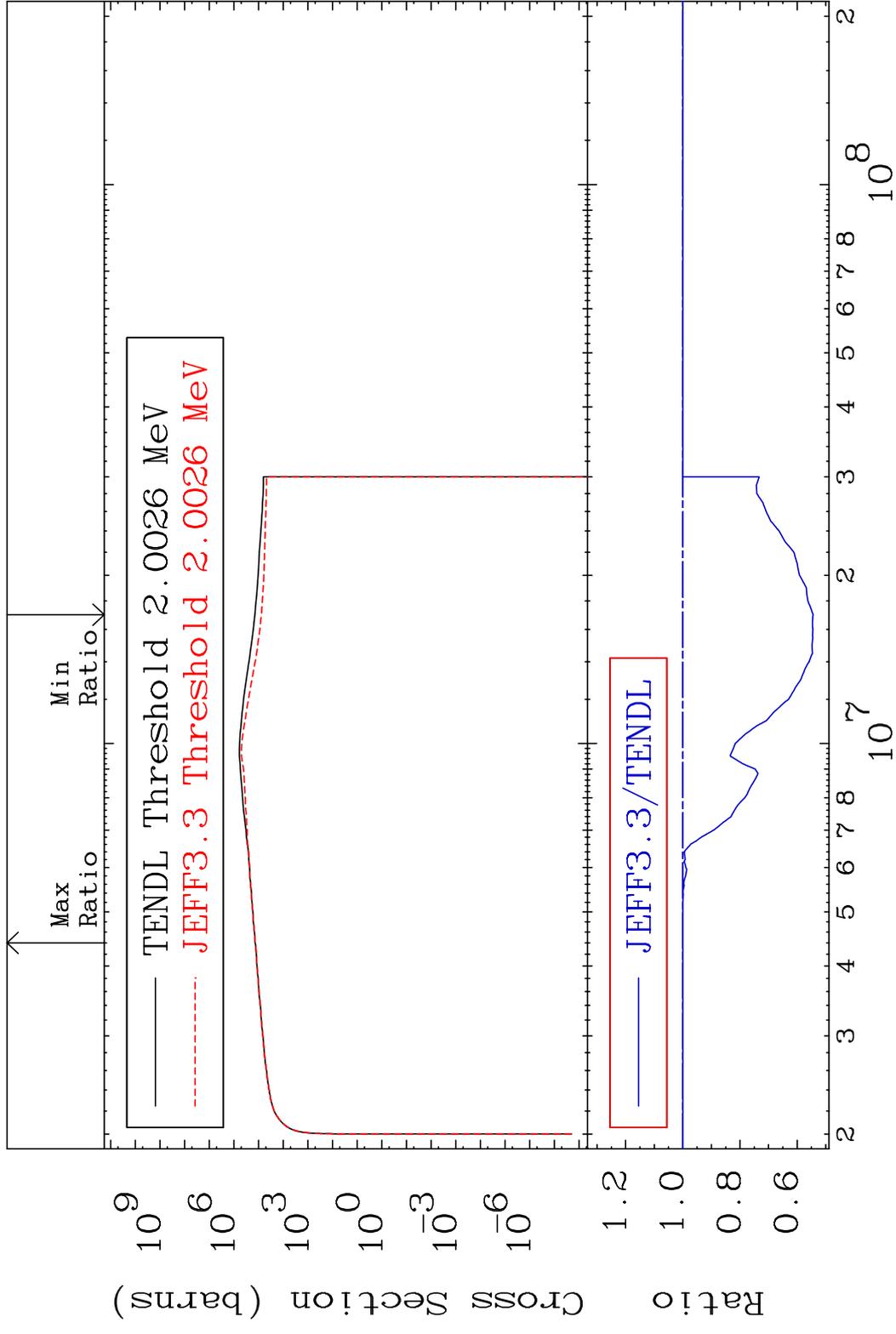
14-Si-32

MAT 1437 Dpa disappearance (mt102 -120) 14-Si-32
 Cross Section -100.0 To 1944. %

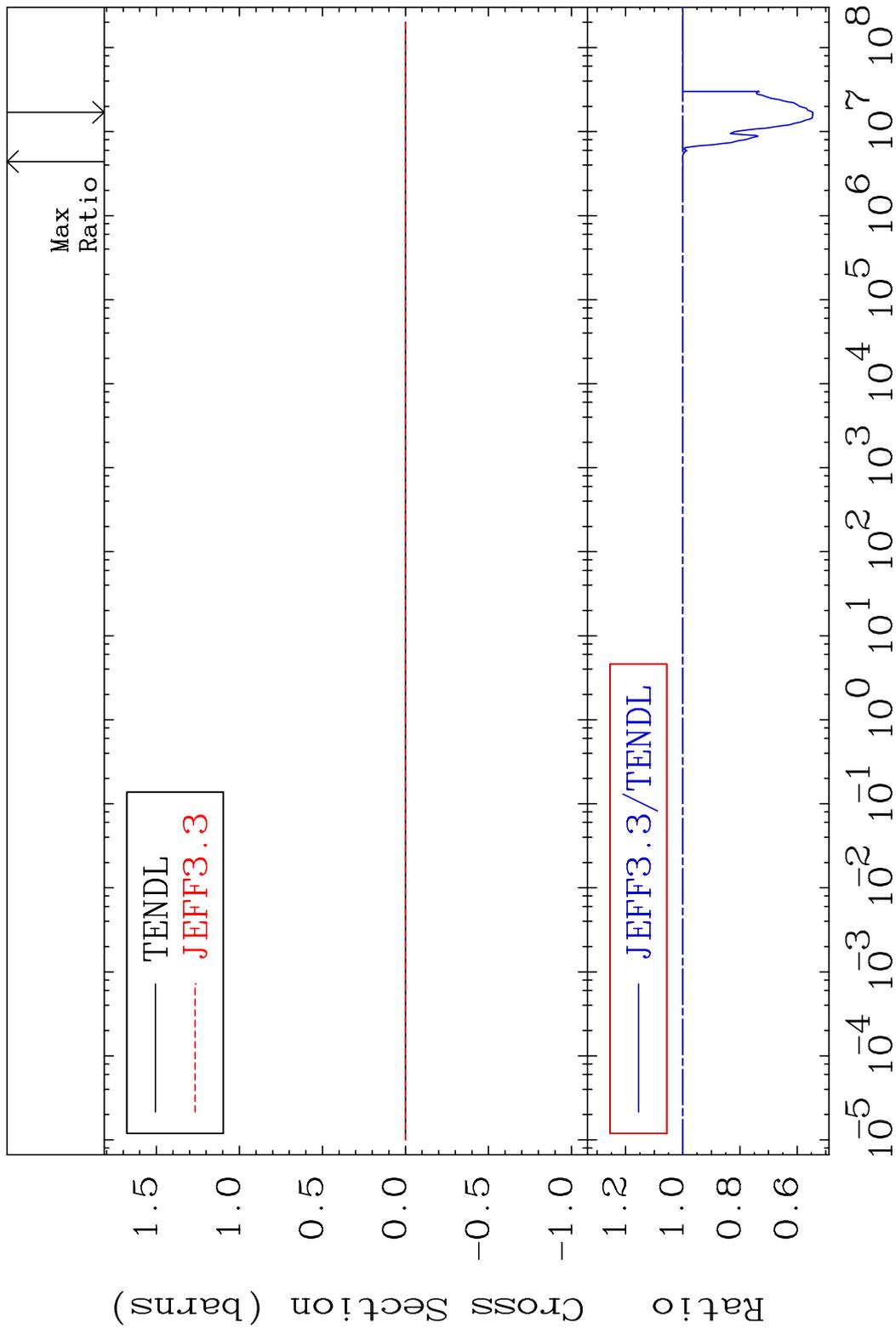


MAT 1437 Kerma non-elastic (all but mt2) 14-Si-32
 Cross Section -100.0 To 862.0 %



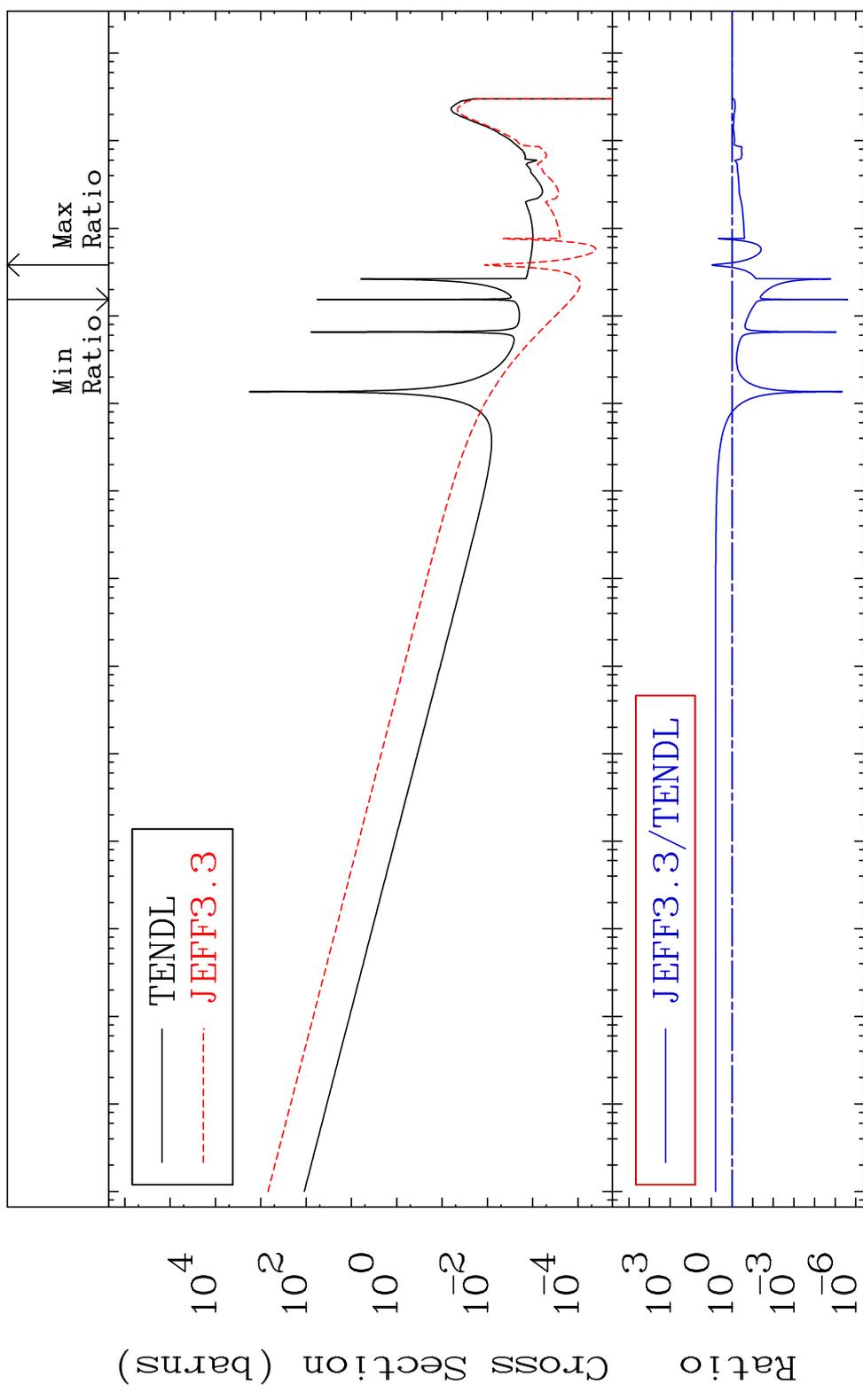


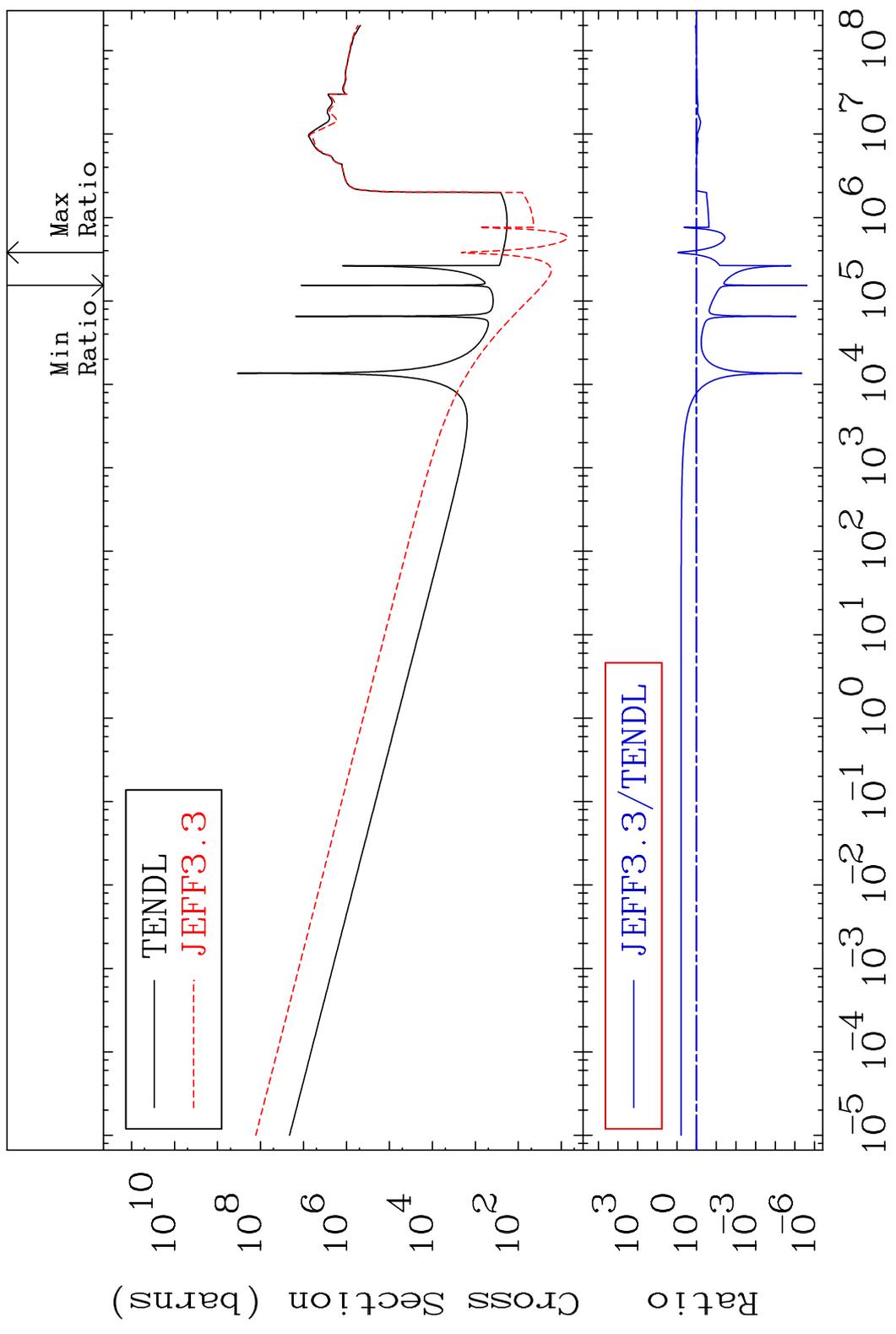
MAT 1437 Kerma fission (mt18 or mt19-20-21-38) 14-Si-32
 Cross Section -45.60 To 0.002 %



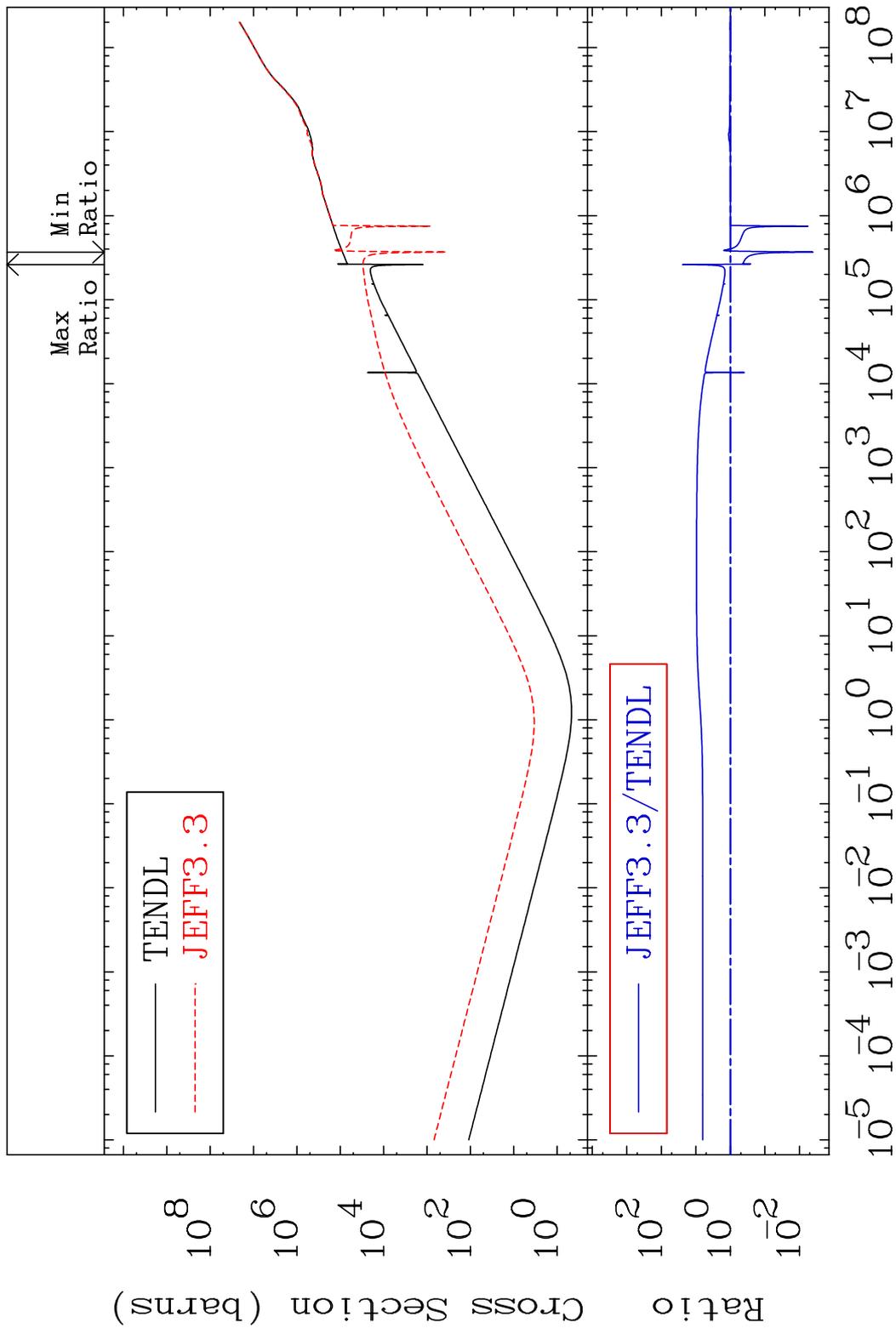
MAT 1437

Kerma capture (mt102) 14-Si-32
Cross Section -100.0 To 862.0 %





MAT 1437 Total kinematic kerma (high limit) 14-Si-32
 Cross Section -99.60 To 2282. %

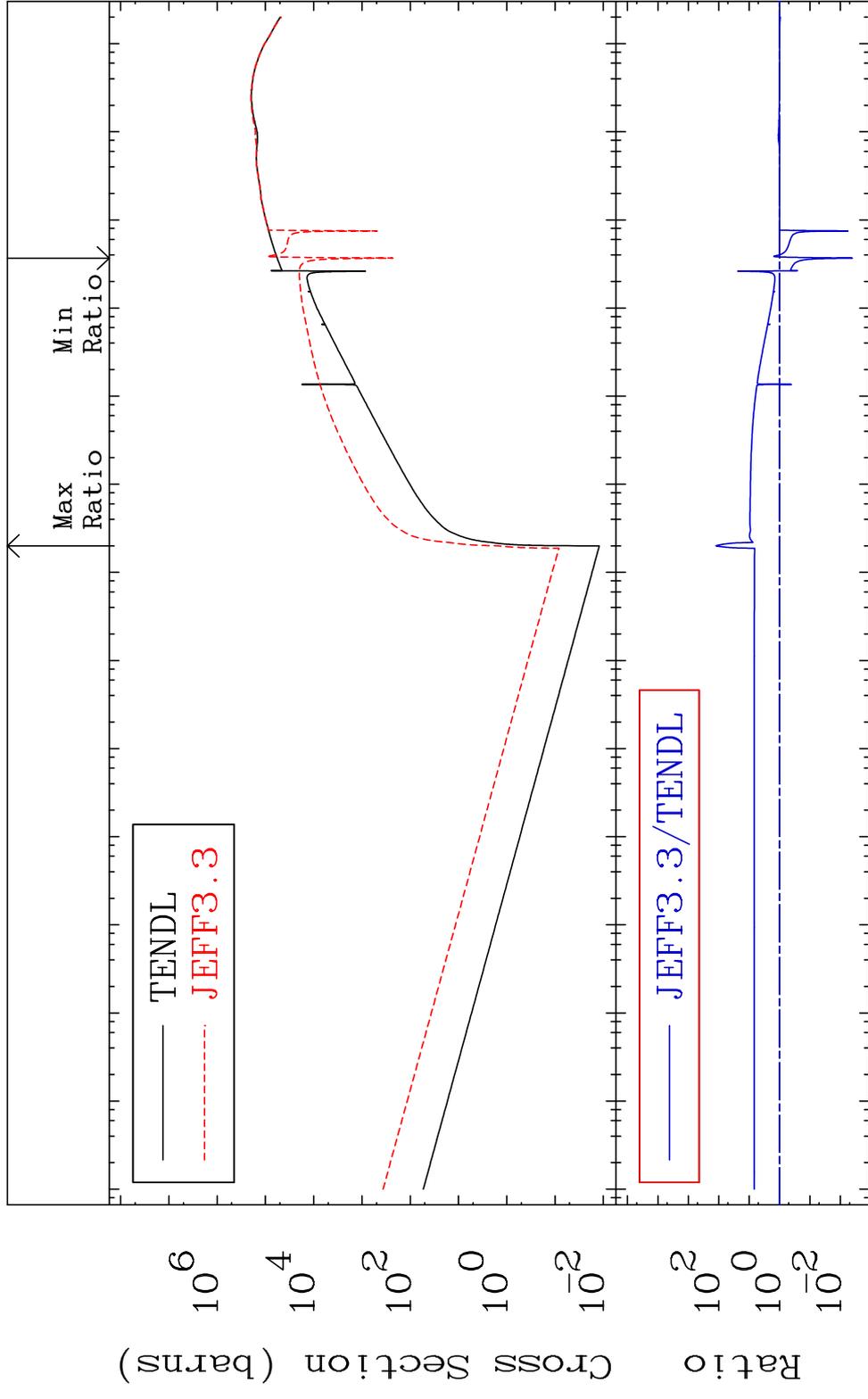


MAT 1437

Dpa total (eV-barns)

14-Si-32

Cross Section -99.60 To 9999. %



53

Incident Energy (eV)

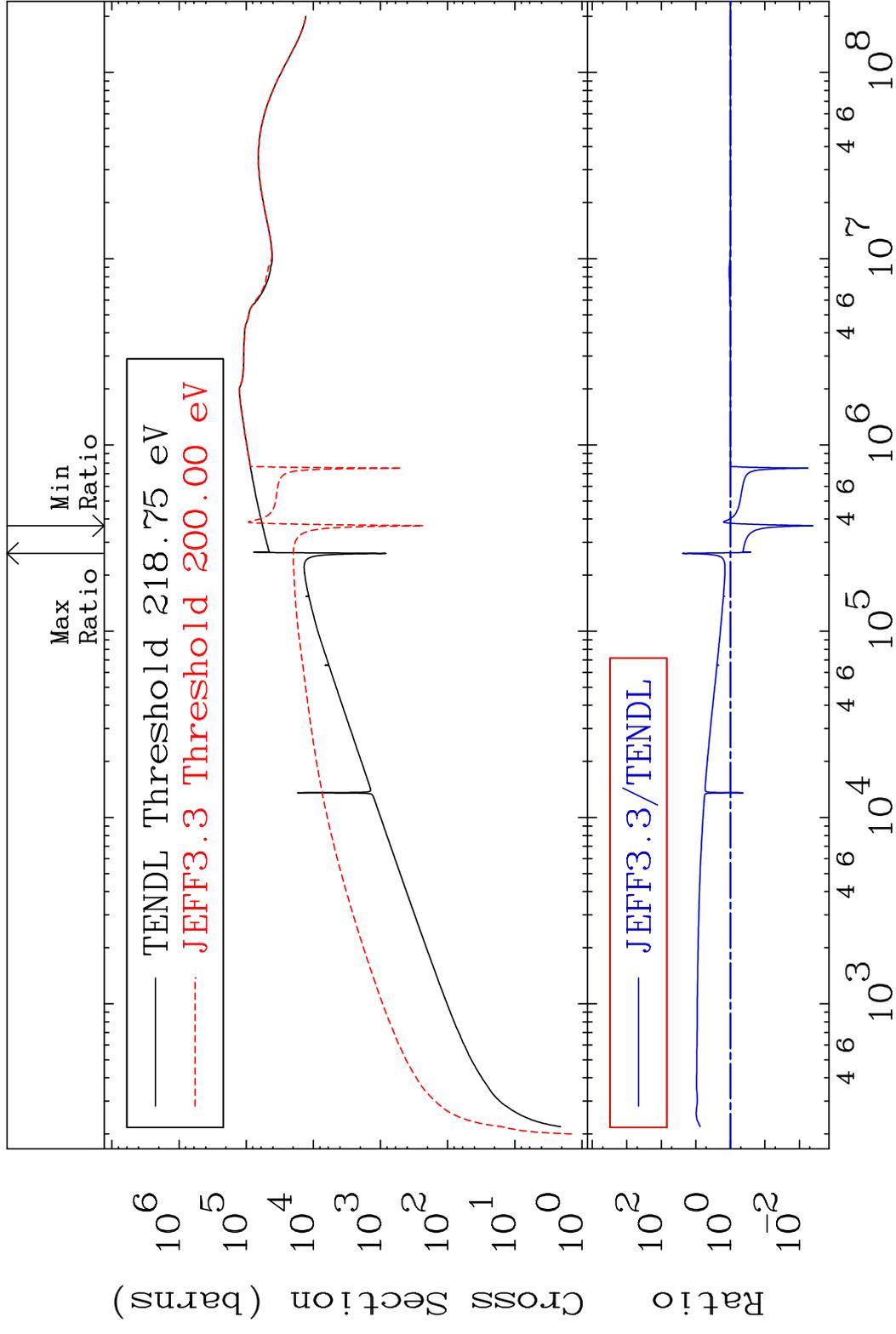
14-Si-32

MAT 1437

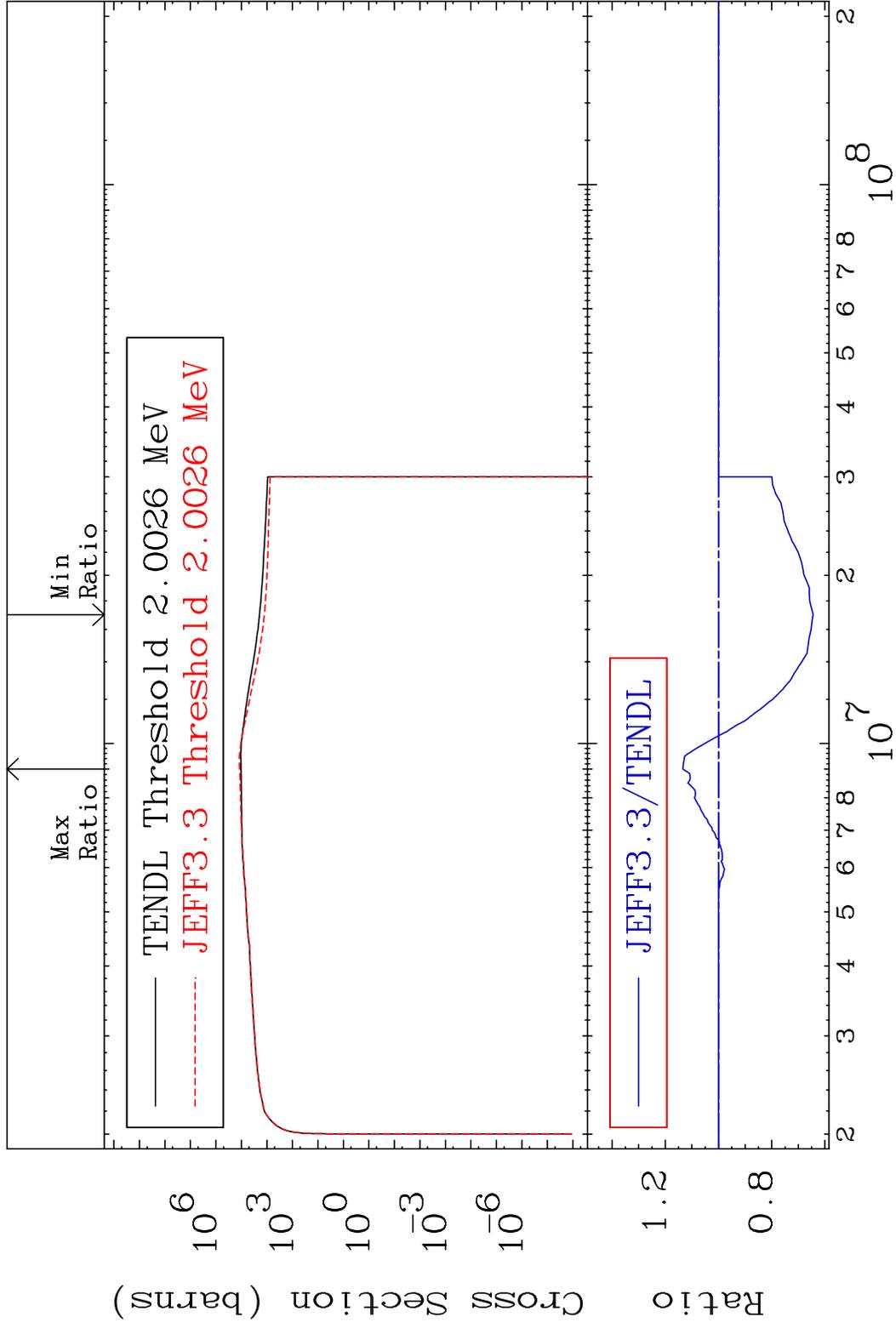
Dpa elastic (mt2)

14-Si-32

Cross Section -99.60 To 2284. %



Cross Section -35.57 To 13.40 %



MAT 1437 Dpa disappearance (mt102 -120) 14-Si-32
 Cross Section -100.0 To 934.3 %

