

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

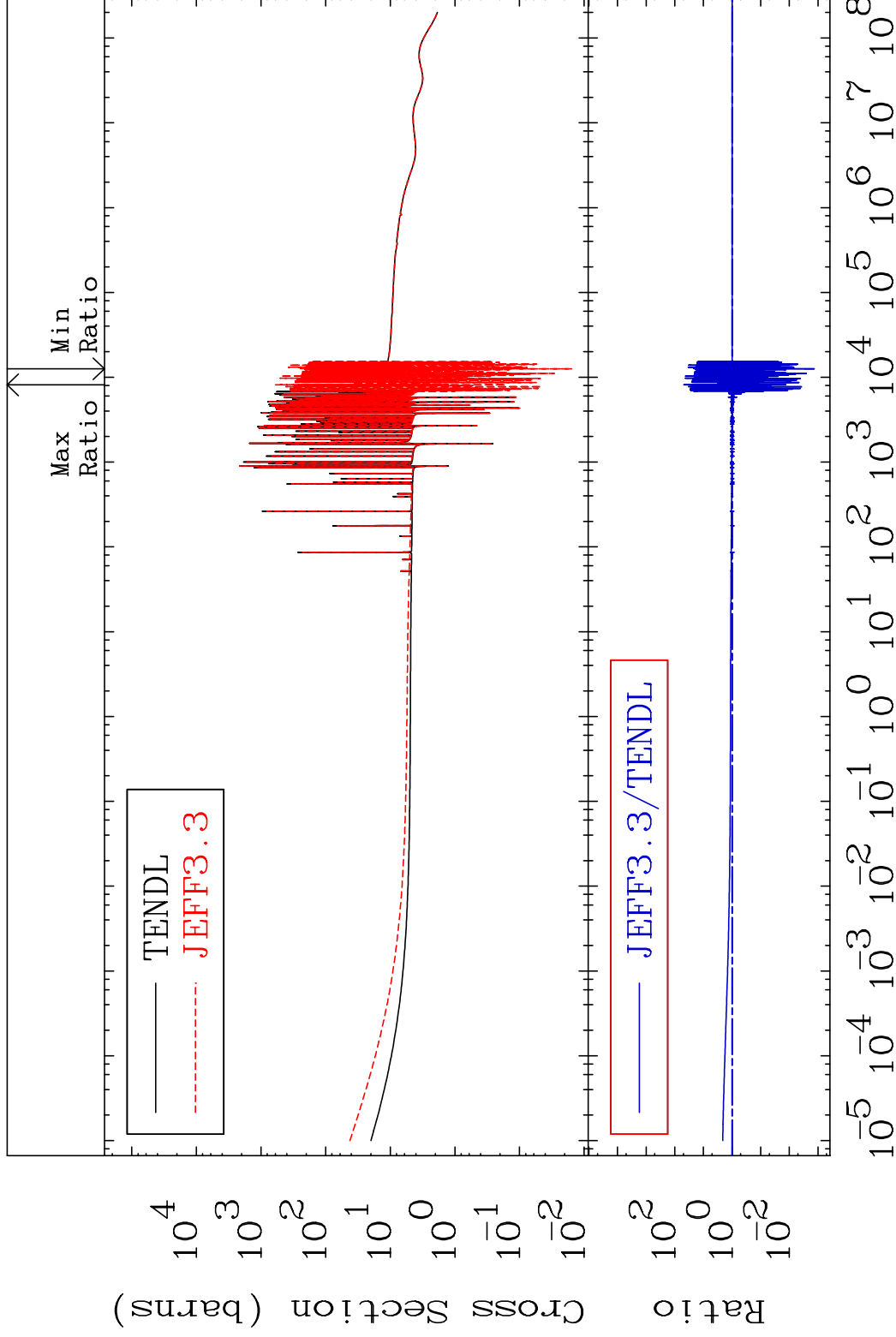
MAT 4649

Total

46-Pd-110

Cross Section

-99.86 To 4787. %



1

Incident Energy (eV)

46-Pd-110

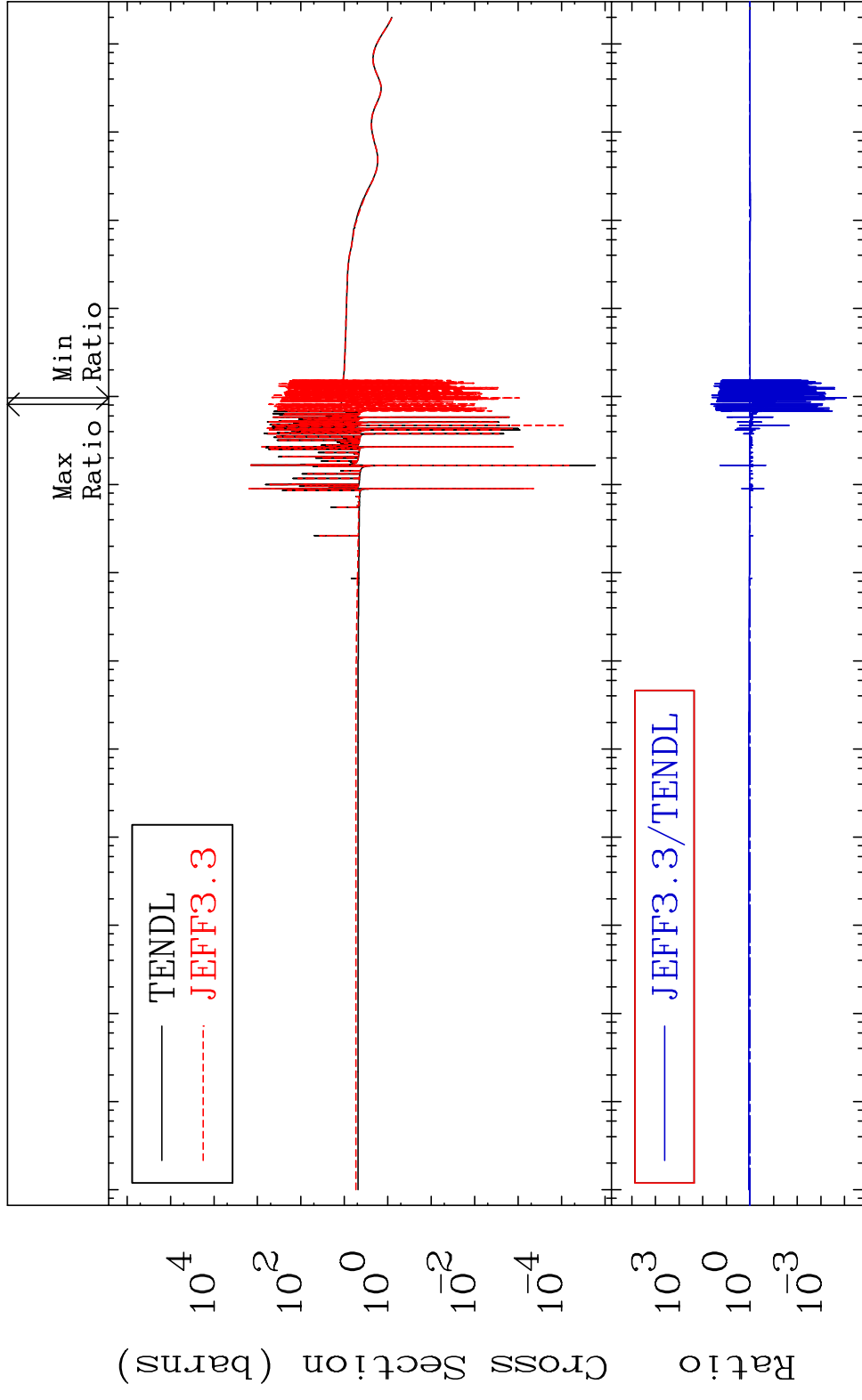
MAT 4649

Elastic

46-Pd-110

Cross Section

-99.99 To 4498. %



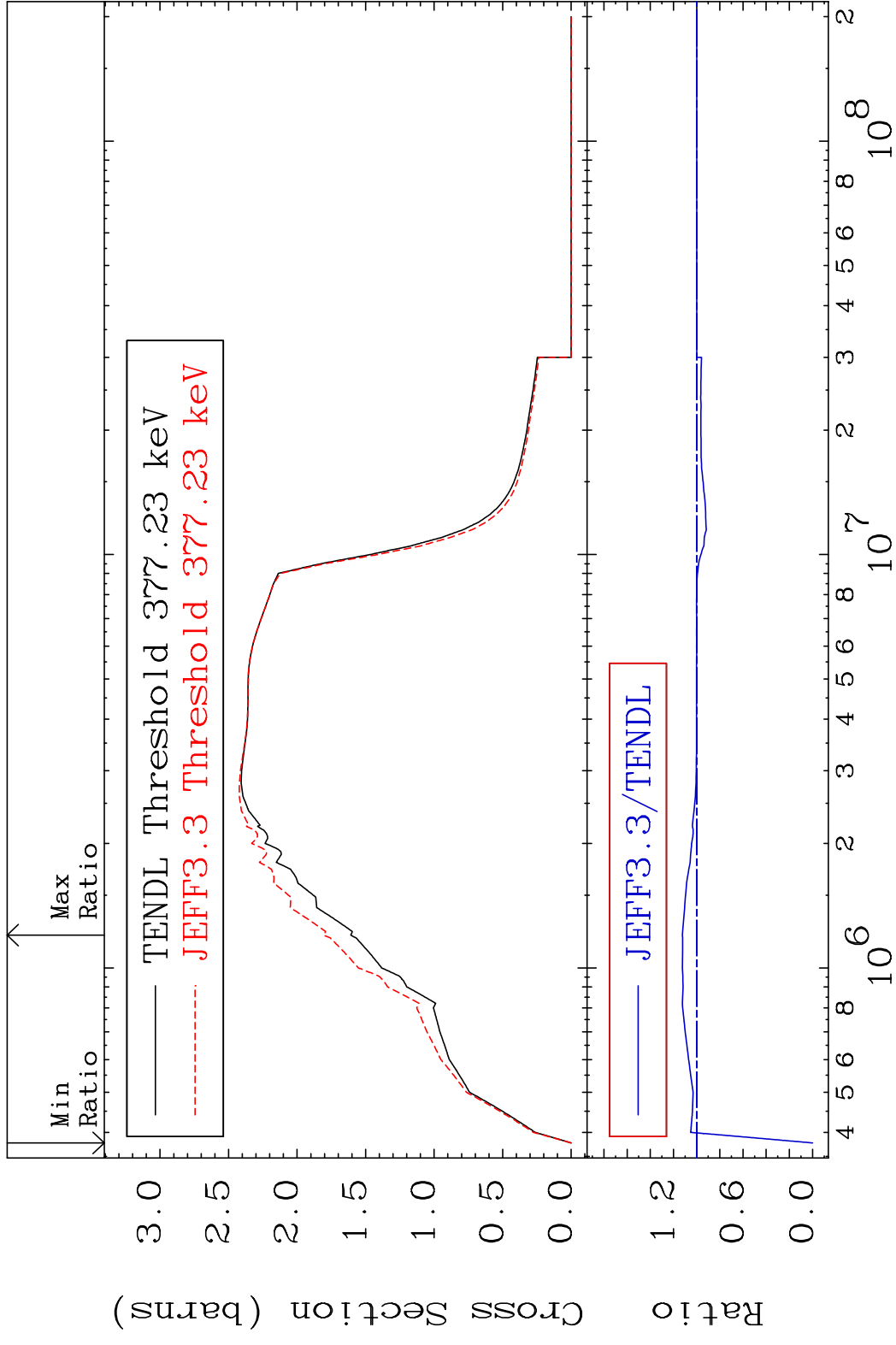
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2

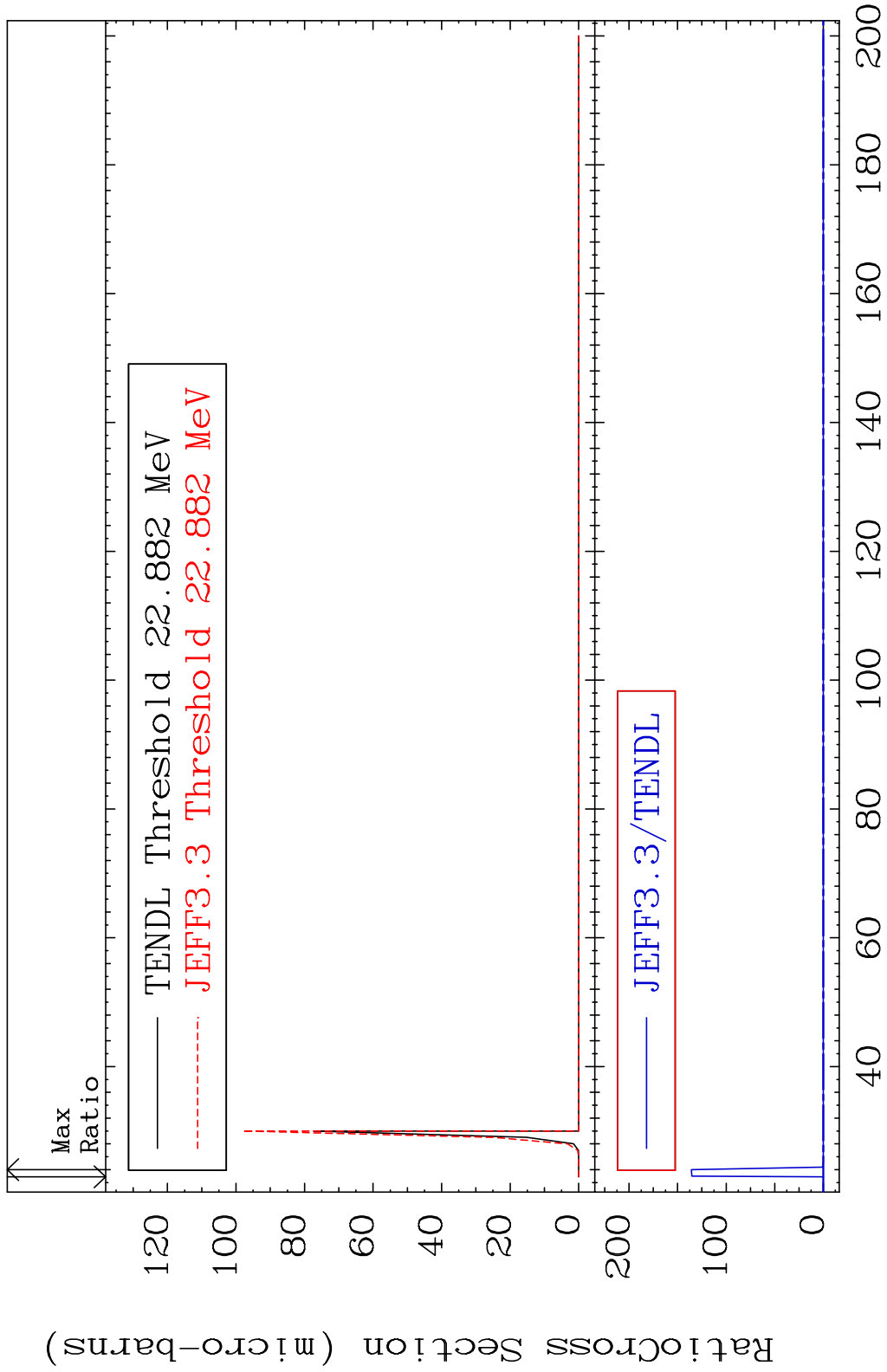
Incident Energy (eV)

46-Pd-110

MAT 4649 Inelastic 46-Pd-110
 Cross Section -100.0 To 12.34 %



MAT 4649 (n,2n) d 46-Pd-110
 Cross Section -100.0 To 9999. %



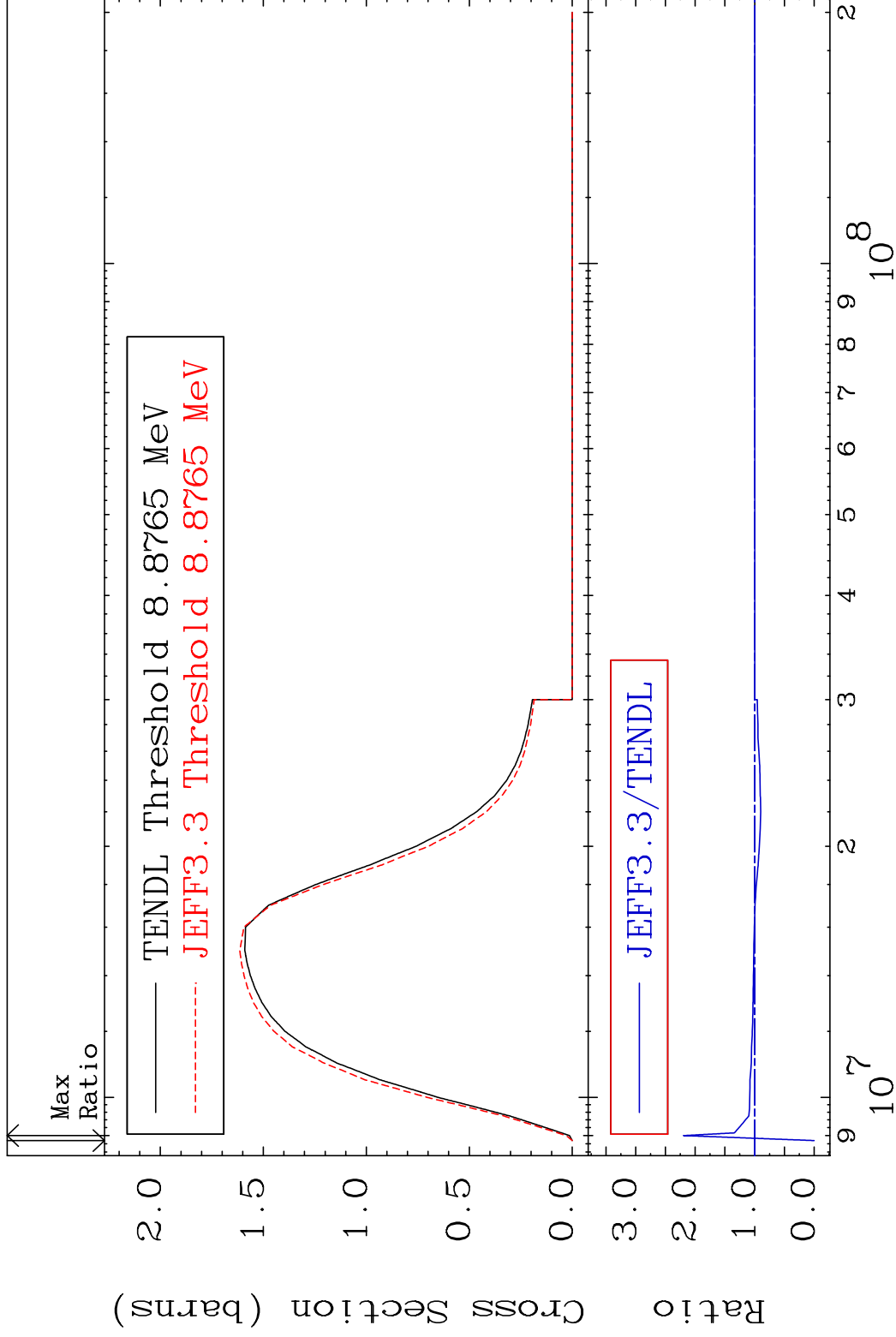
4 Incident Energy (MeV) 46-Pd-110

MAT 4649

(n,2n)

46-Pd-110

Cross Section -100.0 To 119.4 %

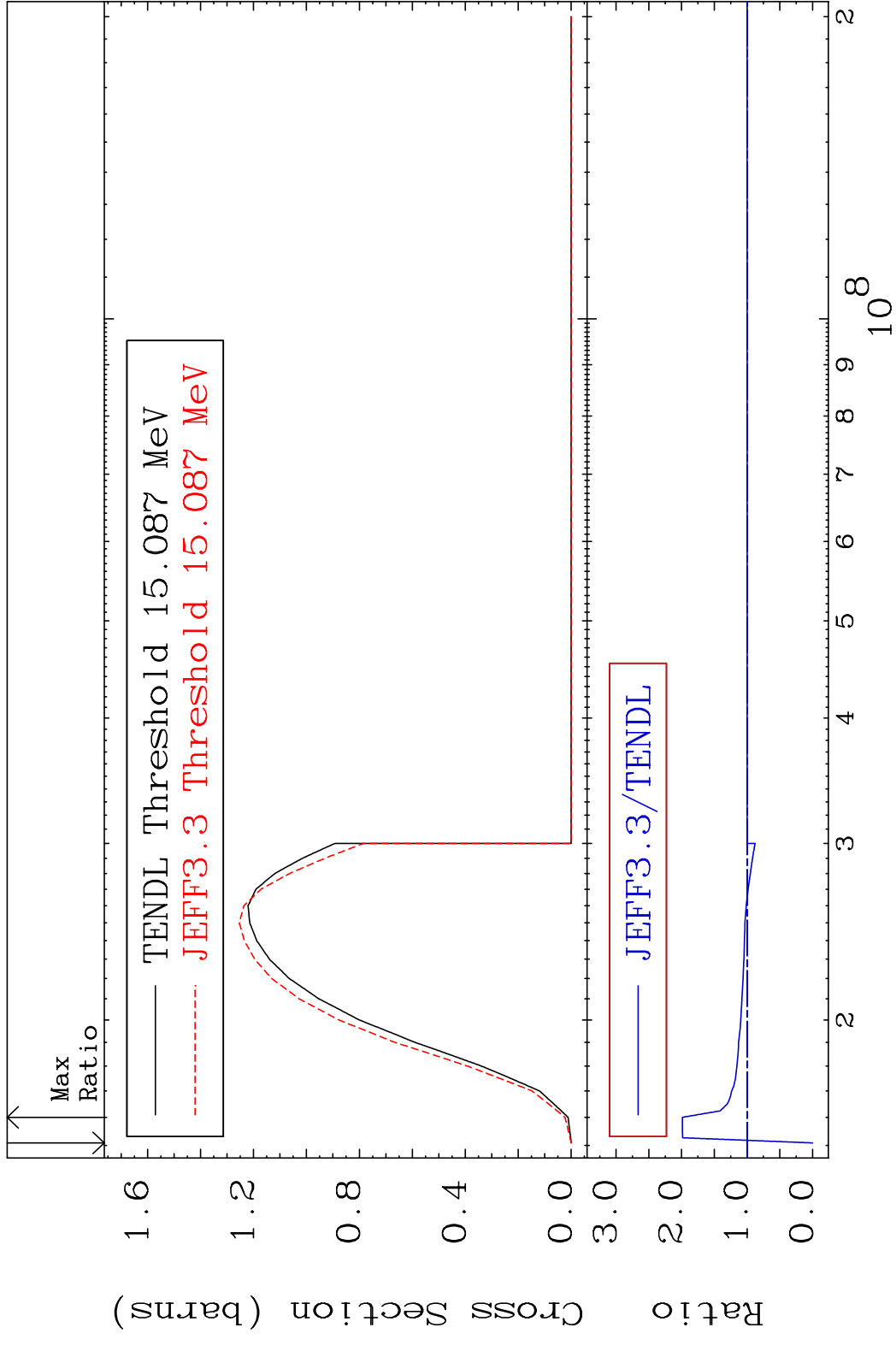


5

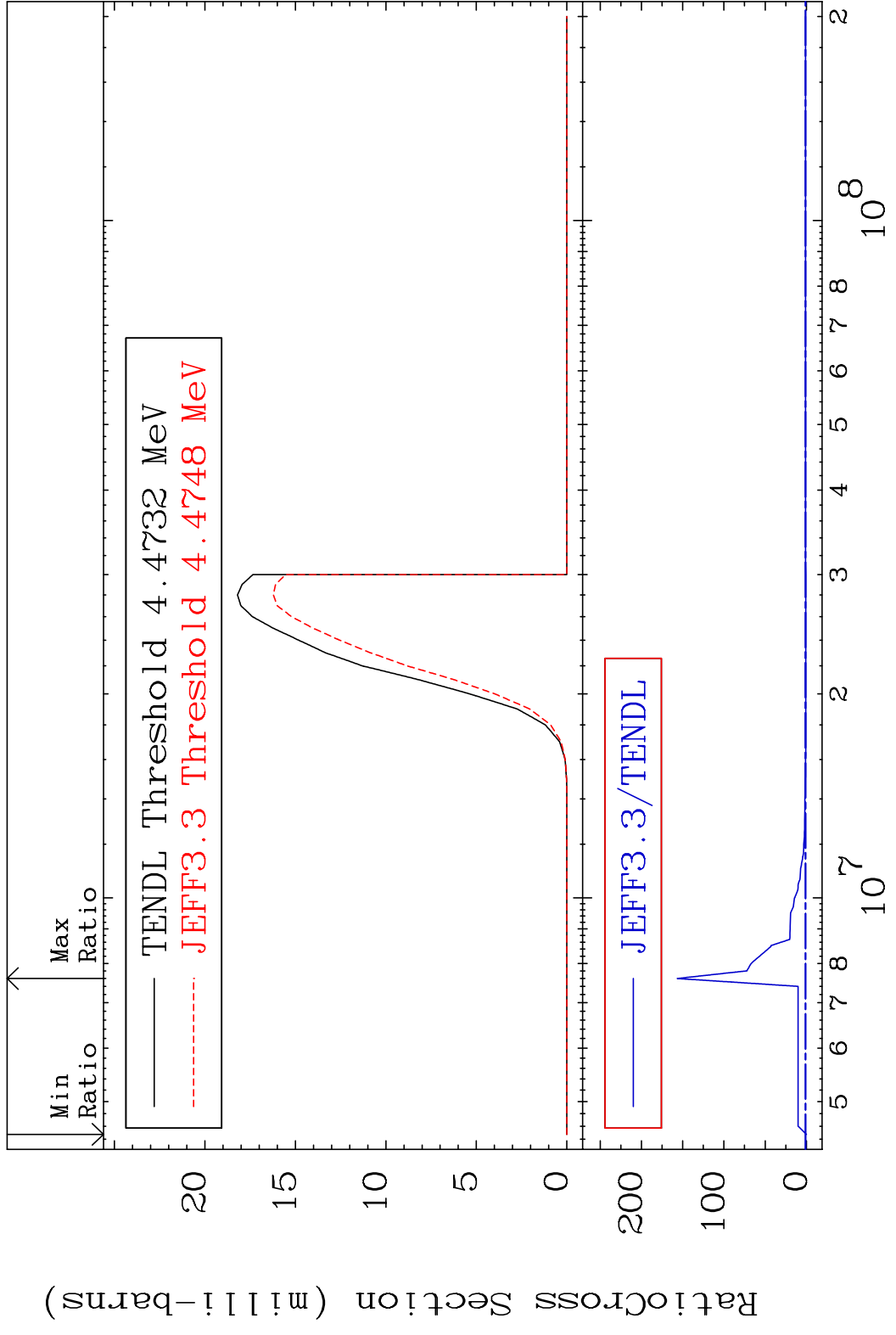
Incident Energy (eV)

46-Pd-110

MAT 4649 (n,3n) 46-Pd-110
 Cross Section -100.0 To 98.82 %



MAT 4649 (n, n') α 46-Pd-110
 Cross Section -100.0 To 9999. %



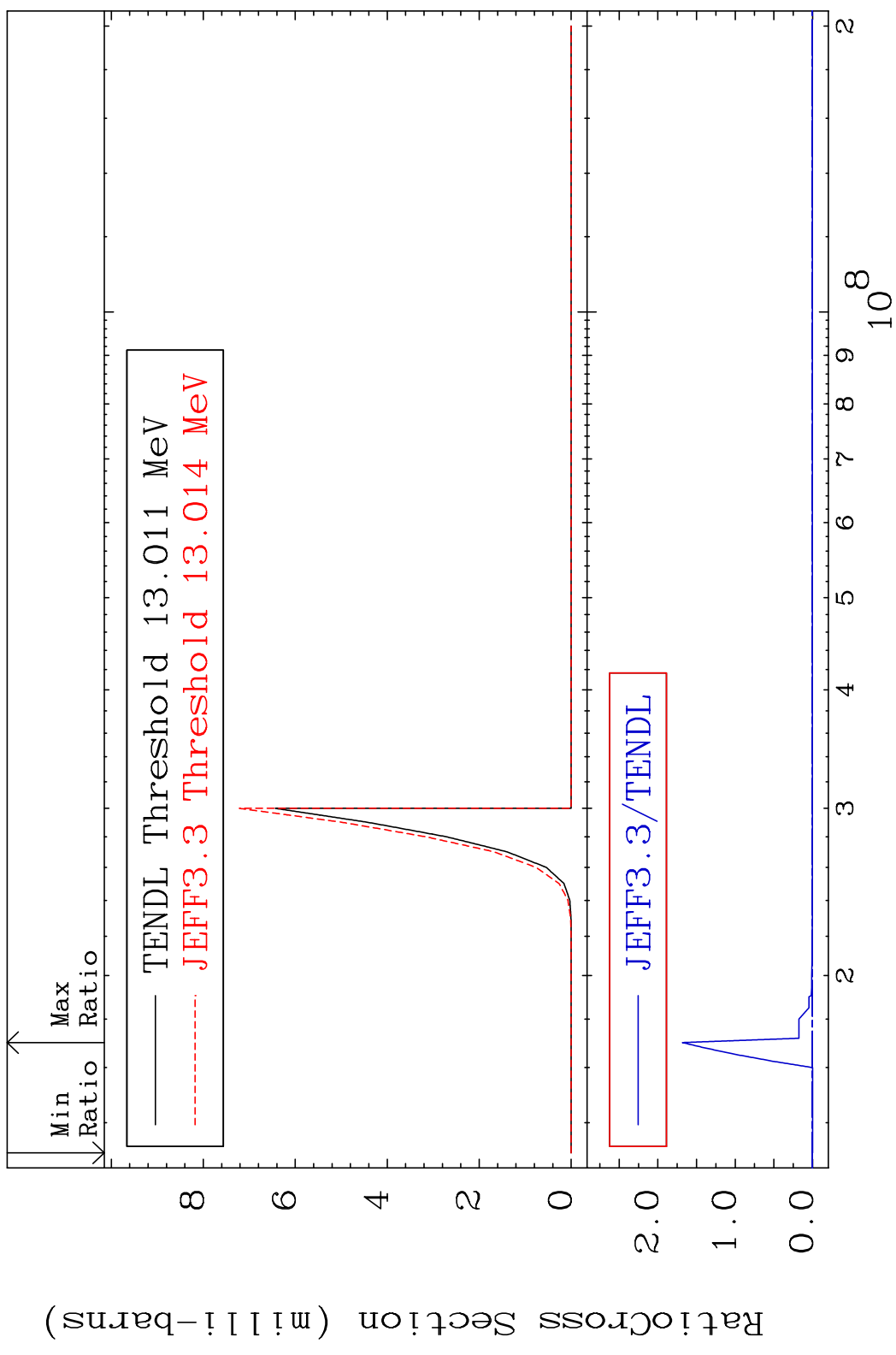
7 5 6 7 8 10 2 3 4 5 6 7 8 10 8 2

MAT 4649

(n,2n) α

46-Pd-110

Cross Section -100.0 To 9999. %

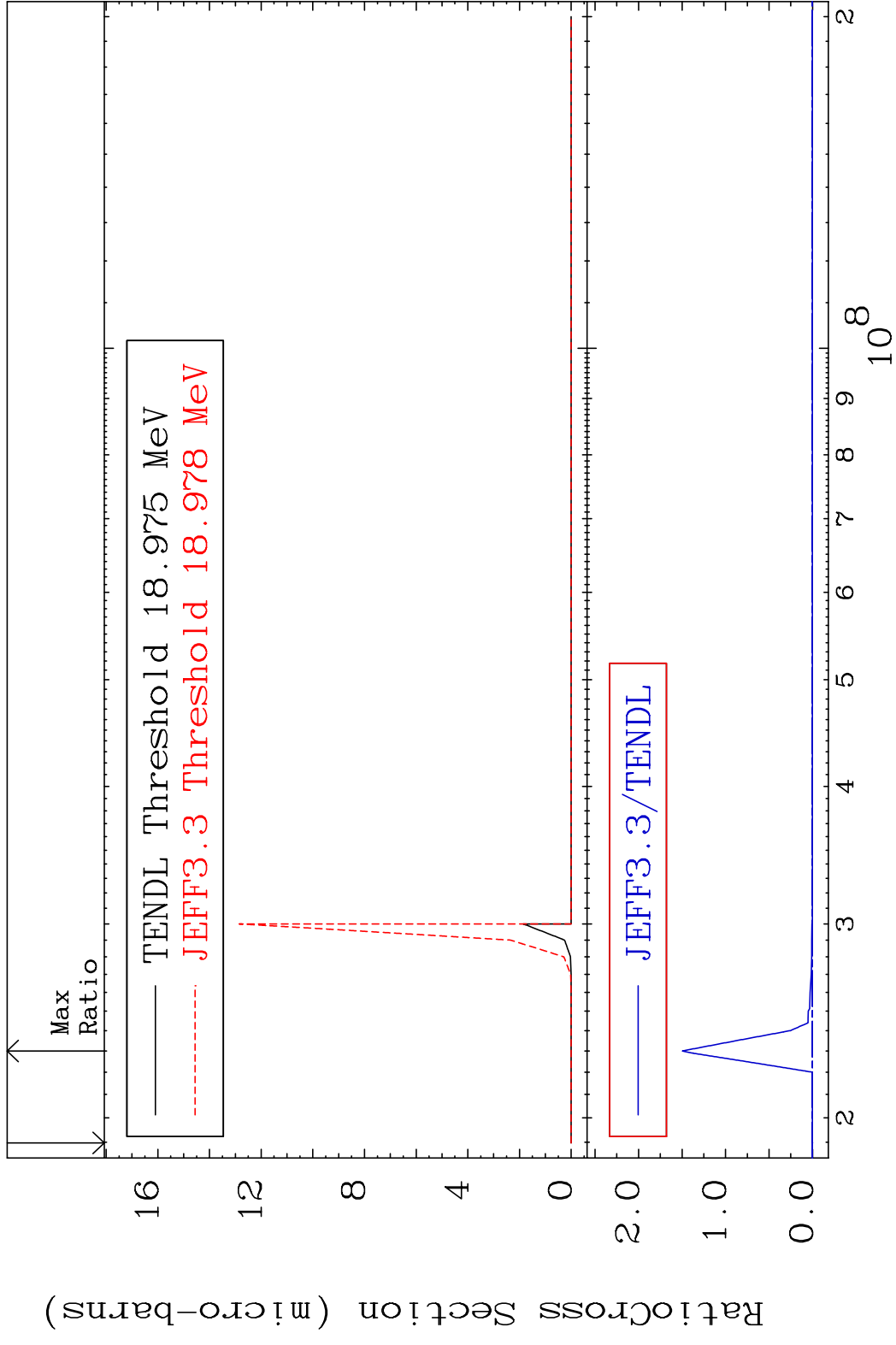


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Incident Energy (eV)

46-Pd-110

MAT 4649 (n,3n) α 46-Pd-110
 Cross Section -100.0 To 9999. %

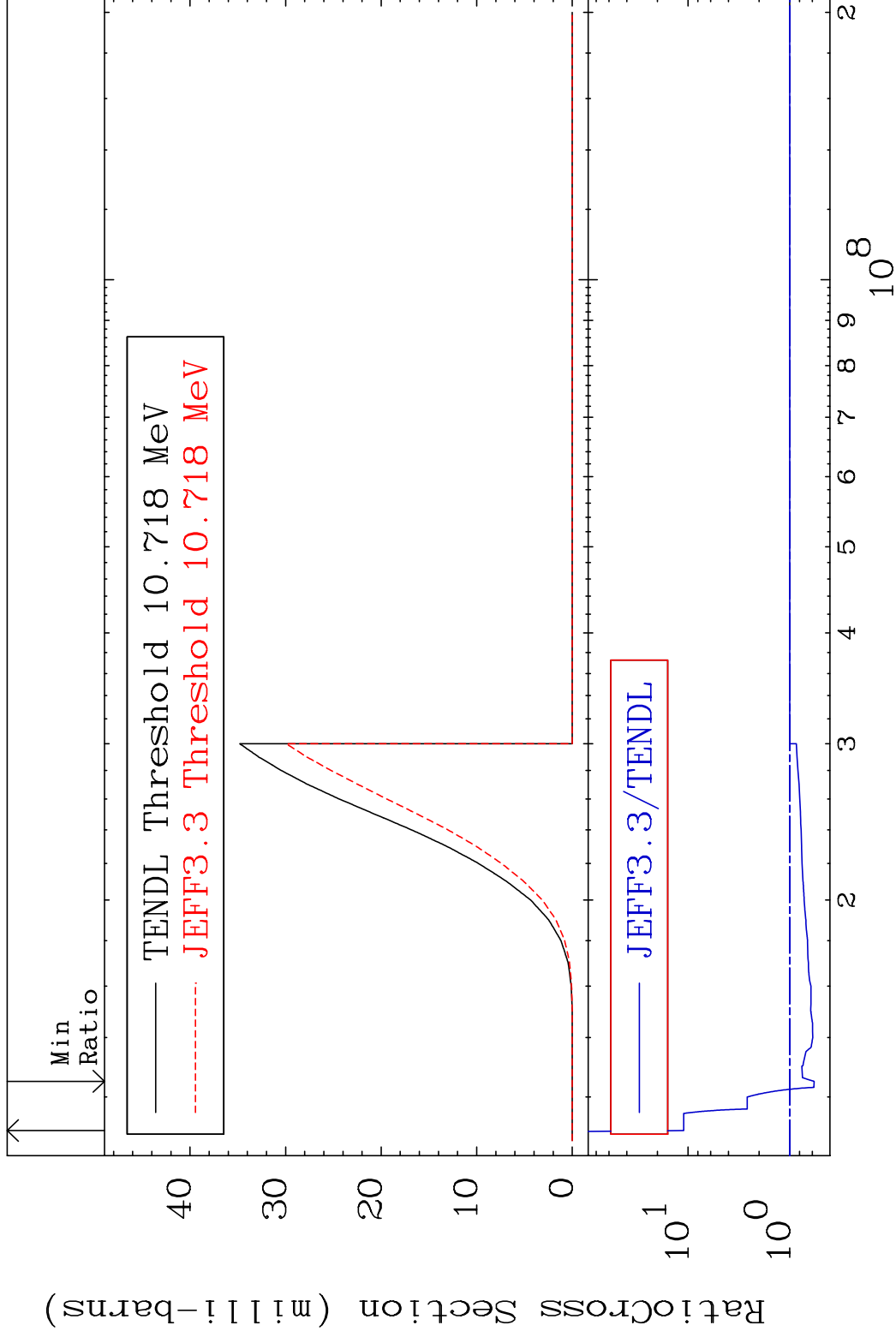


MAT 4649

(n, n') p

46-Pd-110

Cross Section -42.49 To 1004. %

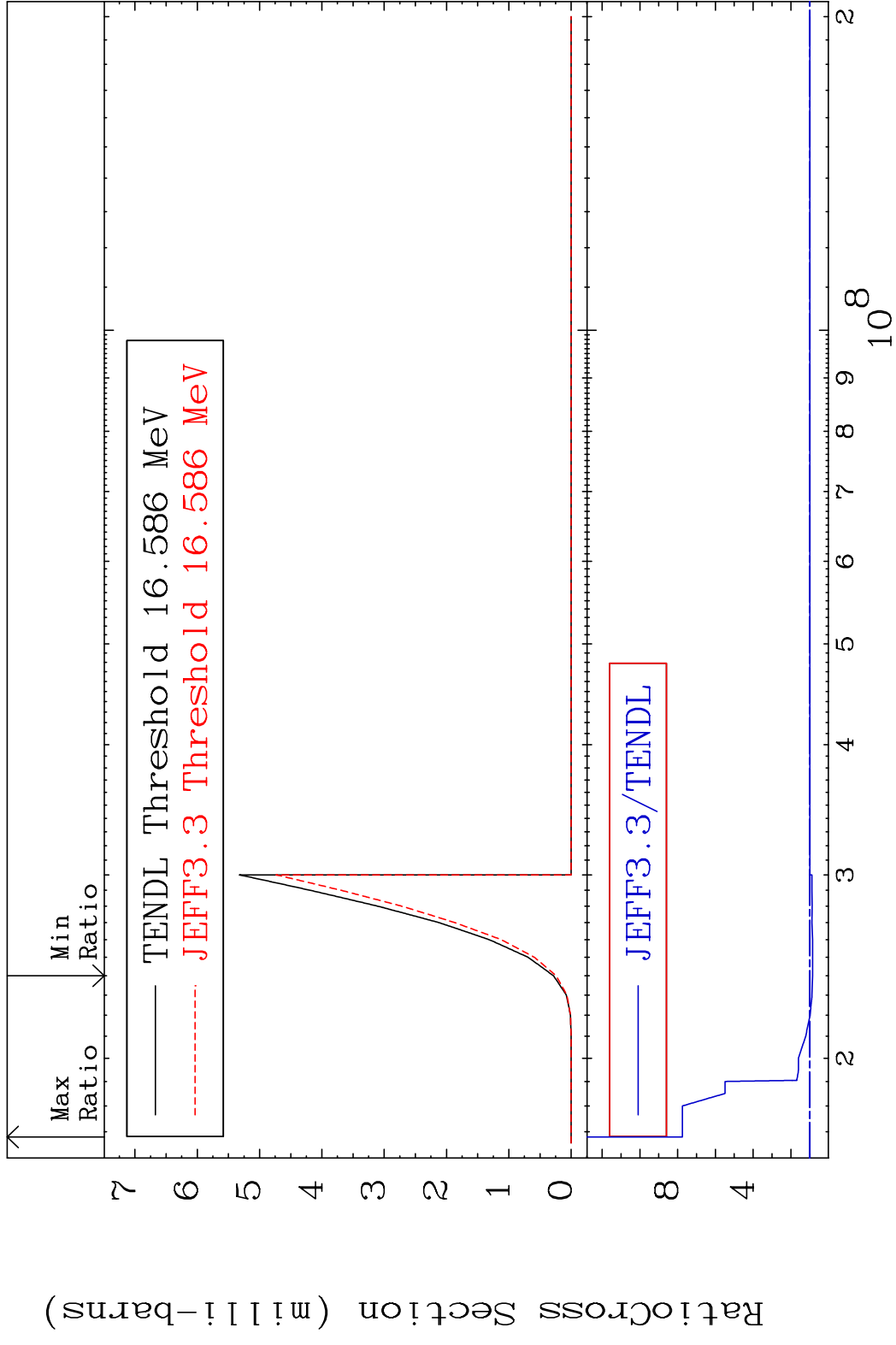


10

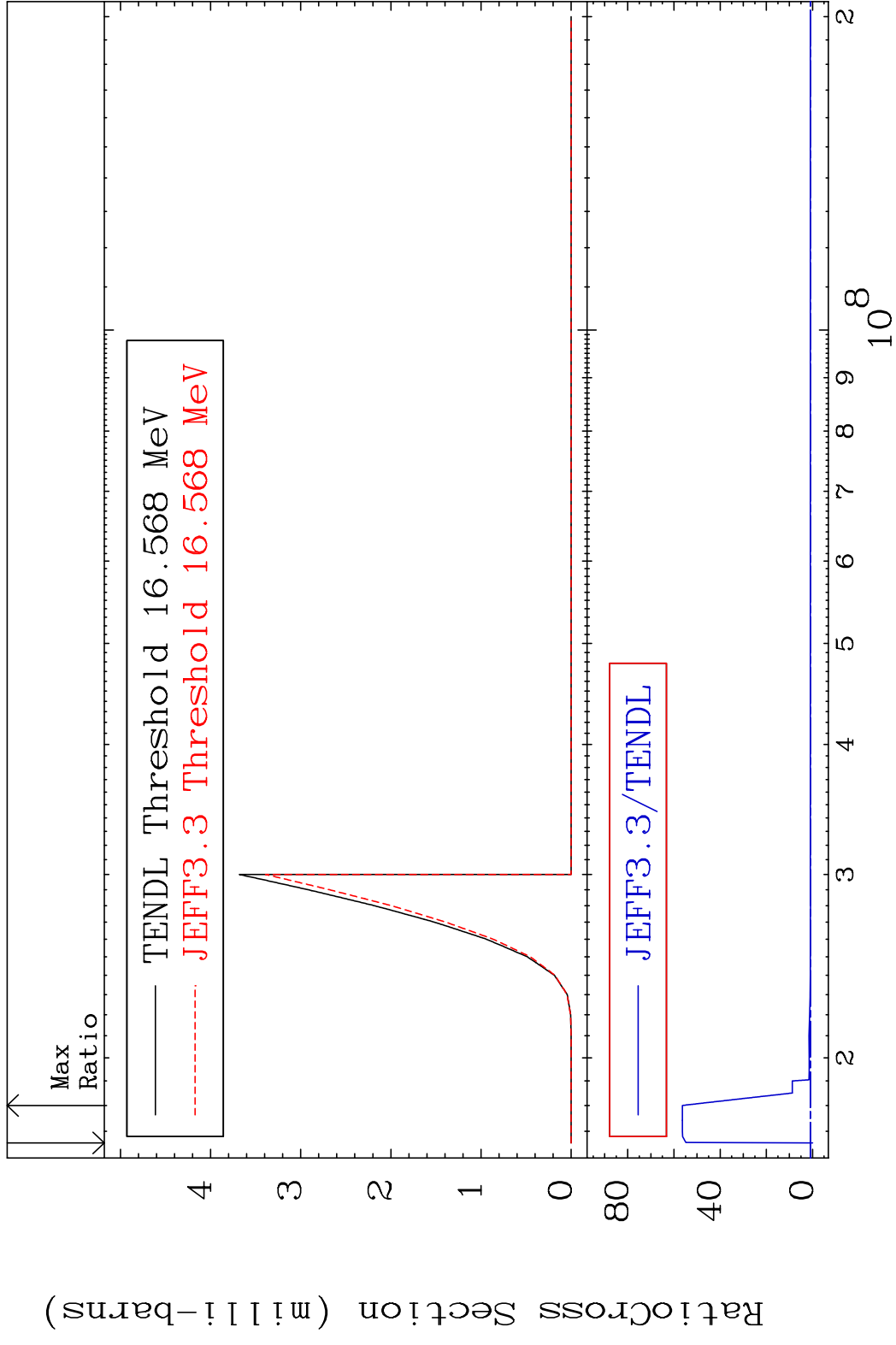
Incident Energy (eV)

46-Pd-110

MAT 4649 (n, n') d 46-Pd-110
 Cross Section -14.84 To 675.0 %



MAT 4649 (n, n') t 46-Pd-110
 Cross Section -100.0 To 5537. %

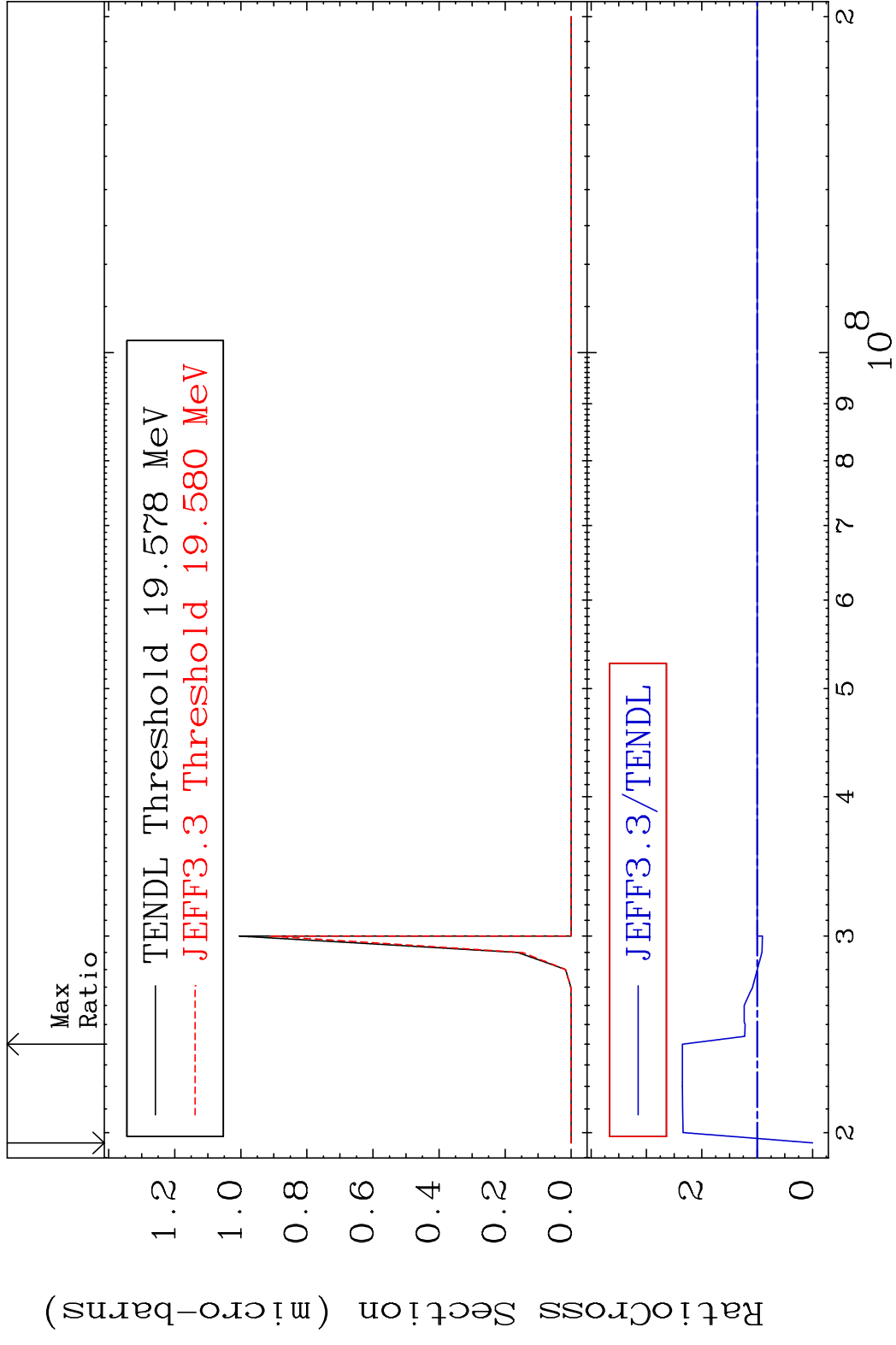


MAT 4649

(n,n') He-3

46-Pd-110

Cross Section -100.0 To 135.2 %

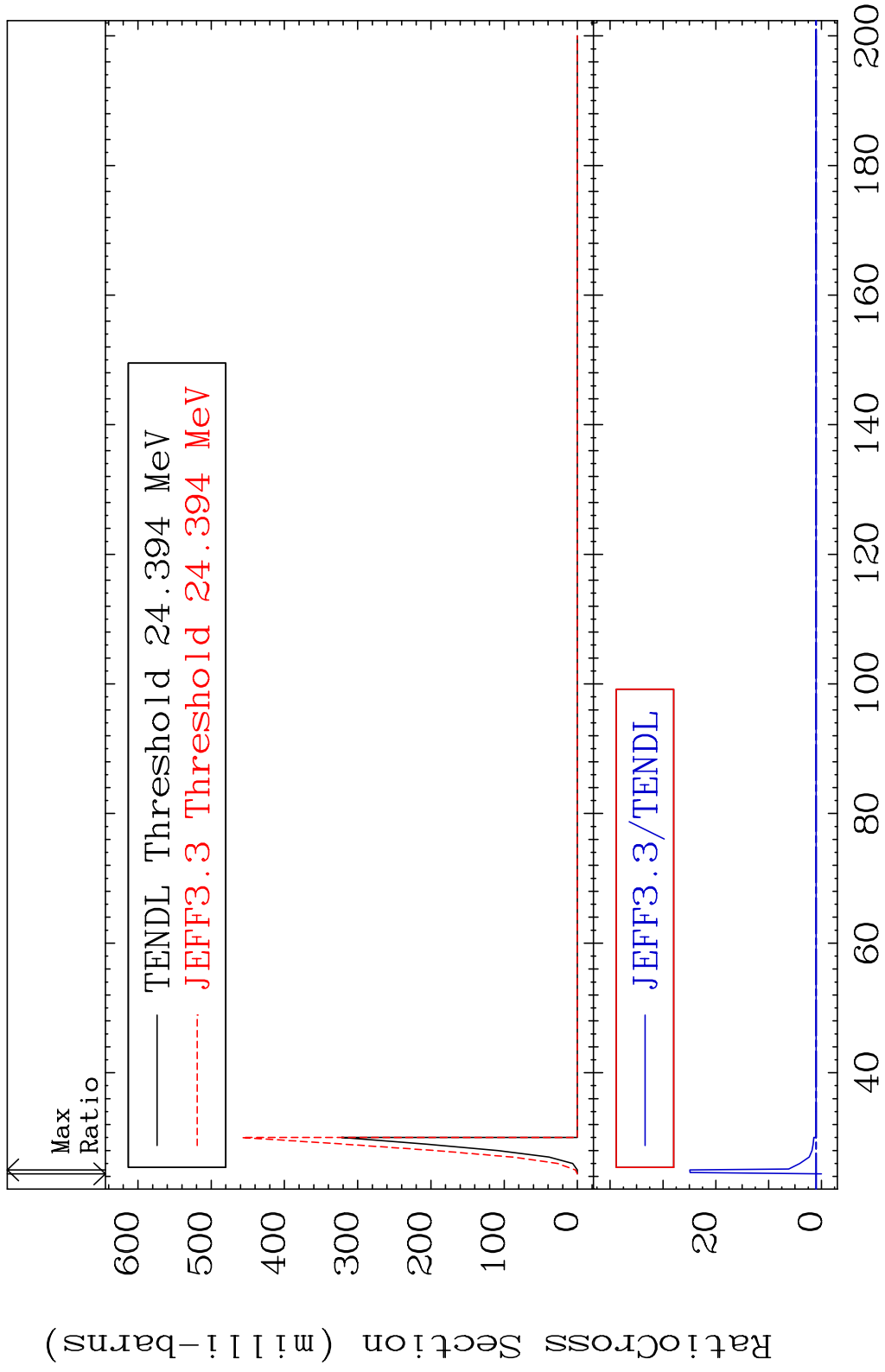


MAT 4649

(n,4n)

46-Pd-110

Cross Section -100.0 To 2392. %



14

Incident Energy (MeV)

46-Pd-110

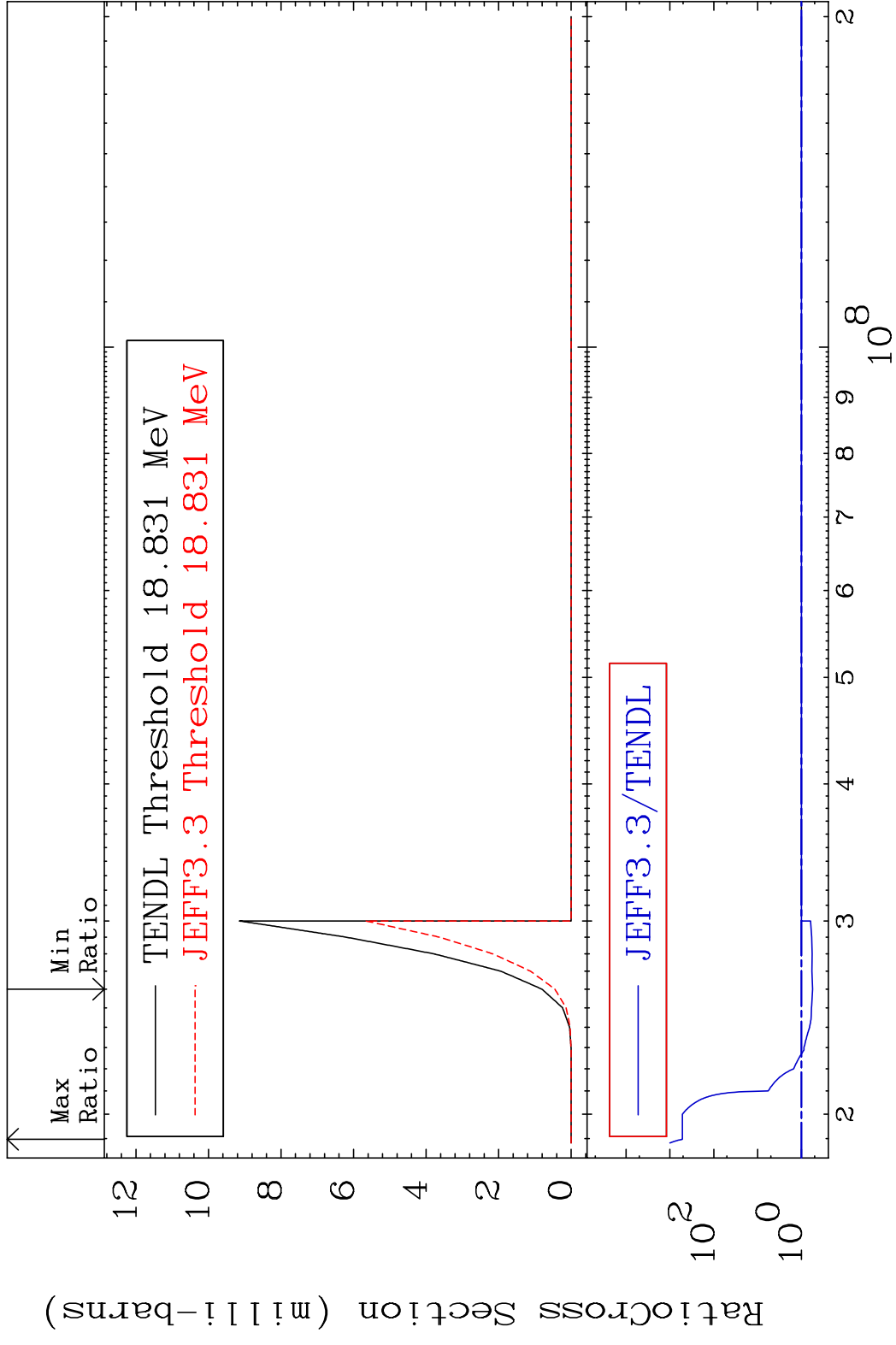
MAT 4649

(n,2n) p

46-Pd-110

Cross Section

-44.09 To 9999. %

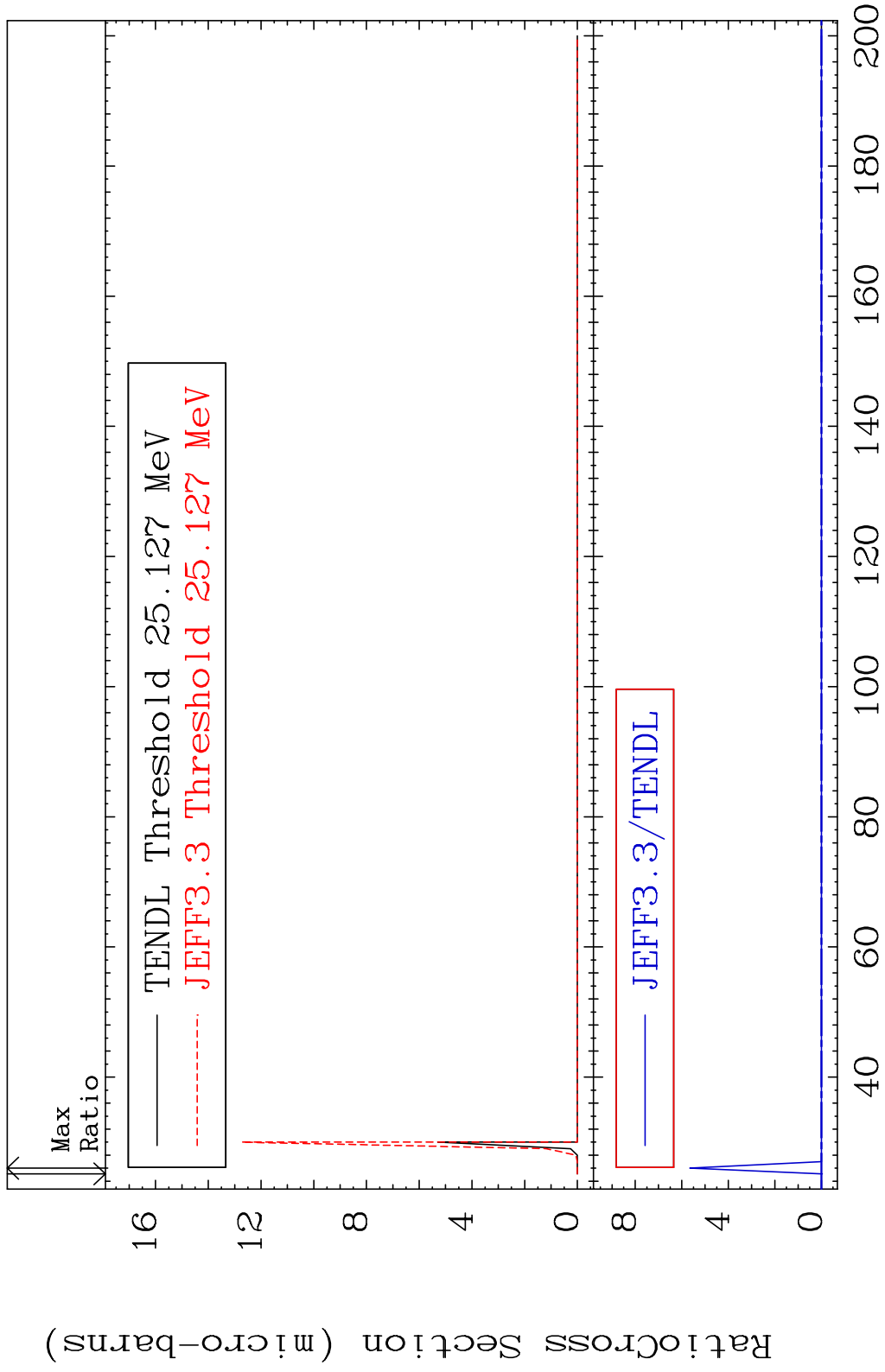


15

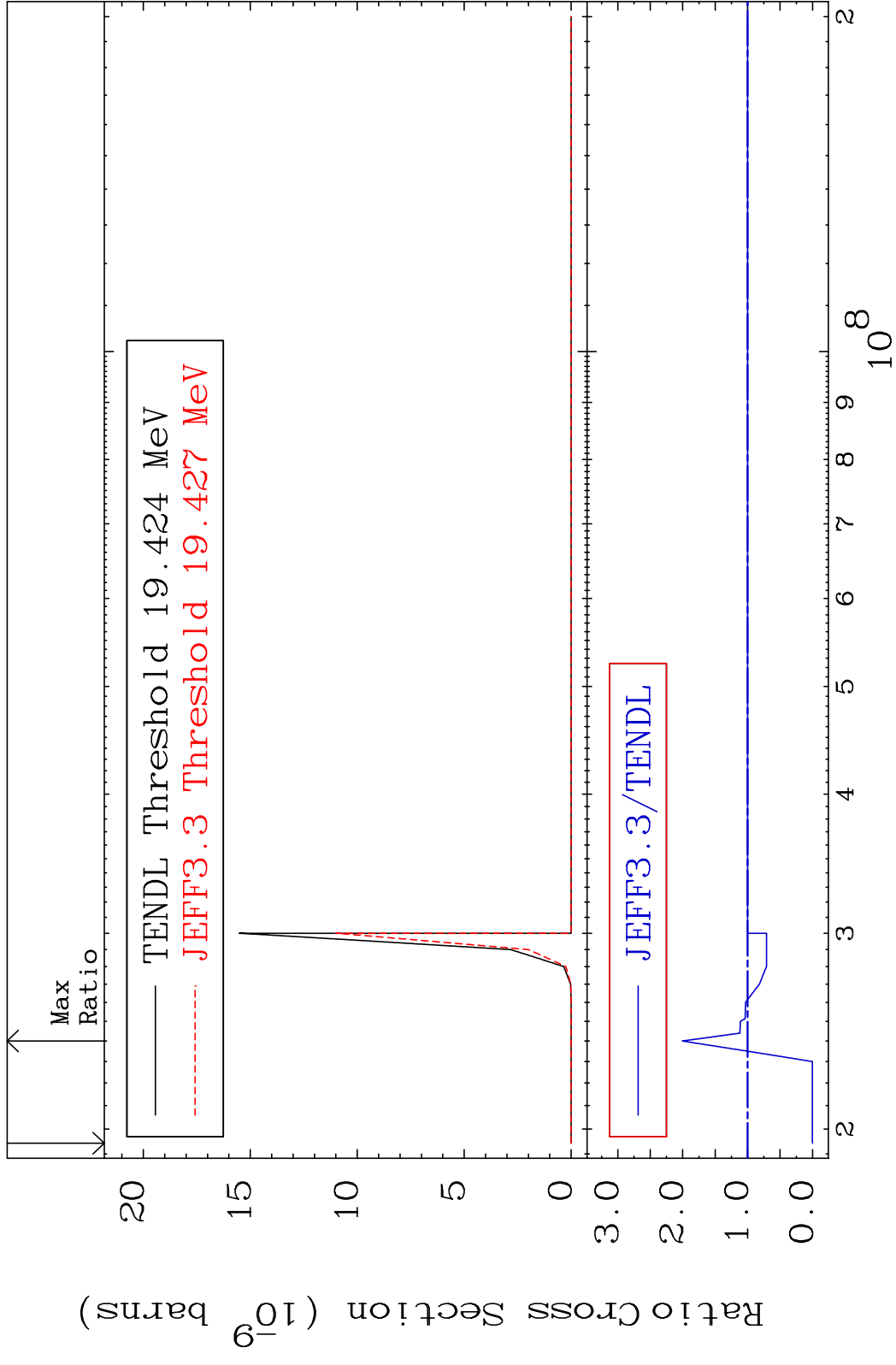
Incident Energy (eV)

46-Pd-110

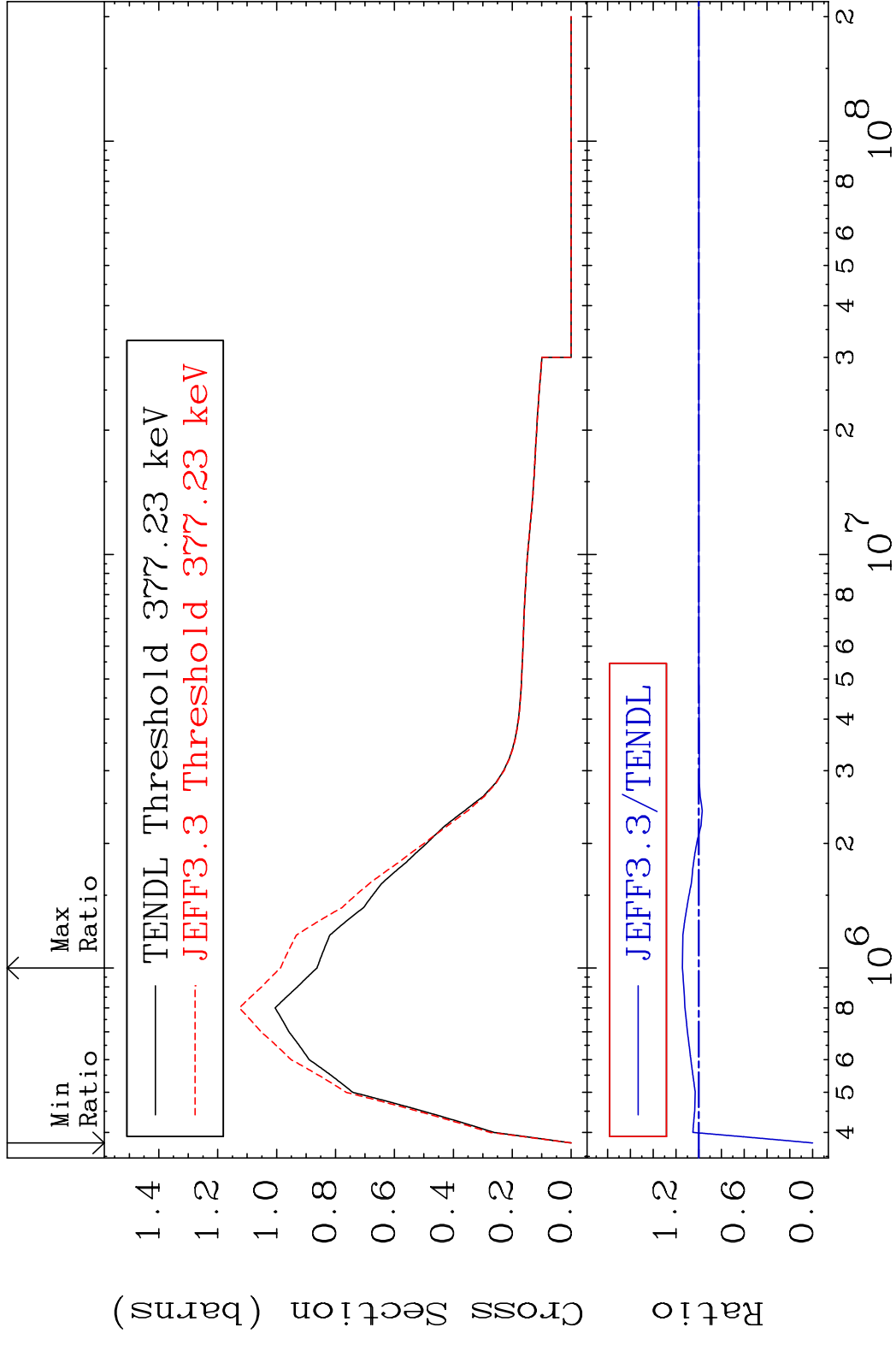
MAT 4649 (n,3n) p 46-Pd-110
Cross Section -100.0 To 9999. %



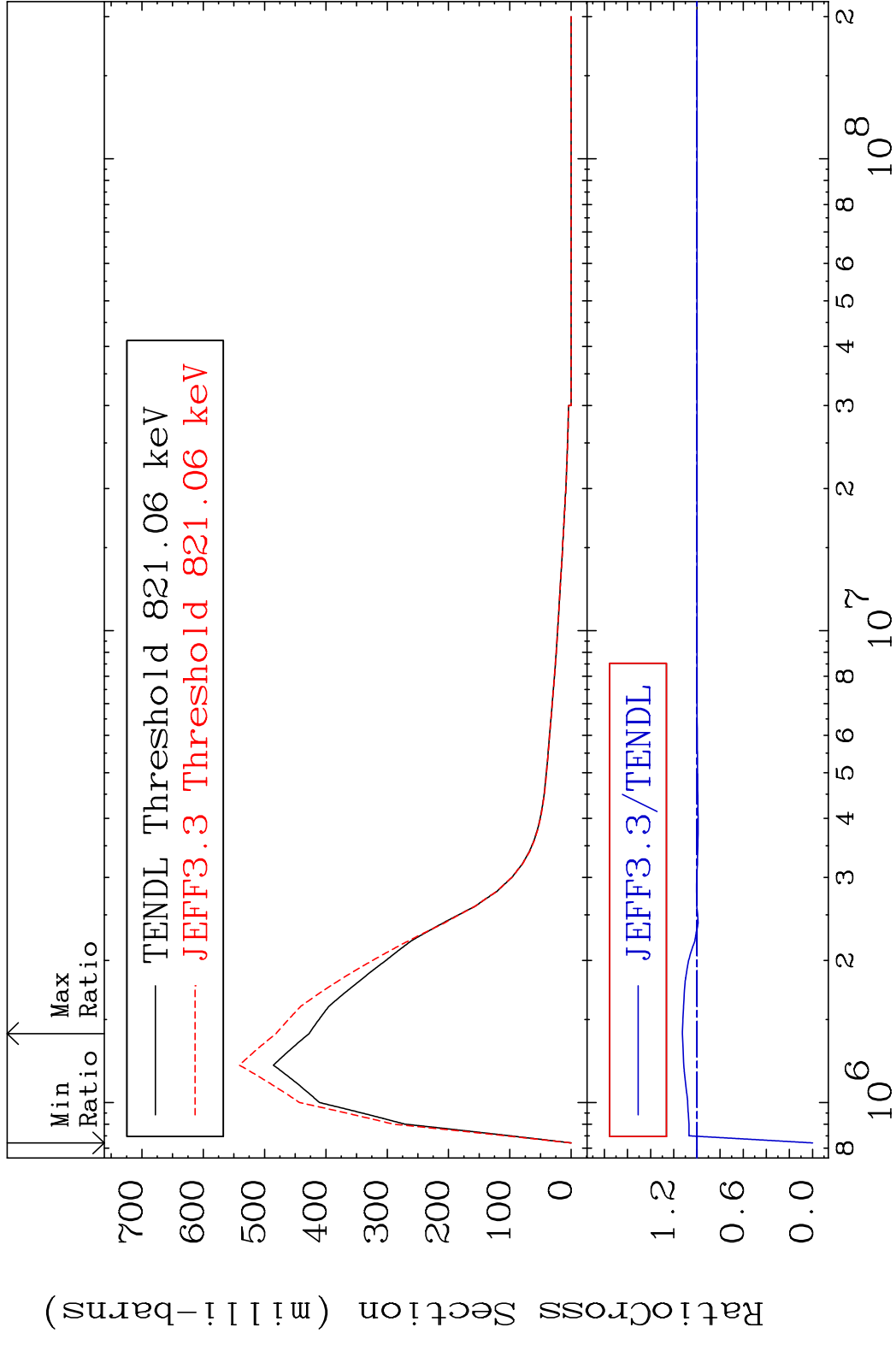
MAT 4649 (n,2n) p 46-Pd-110
 Cross Section -100.0 To 100.6 %



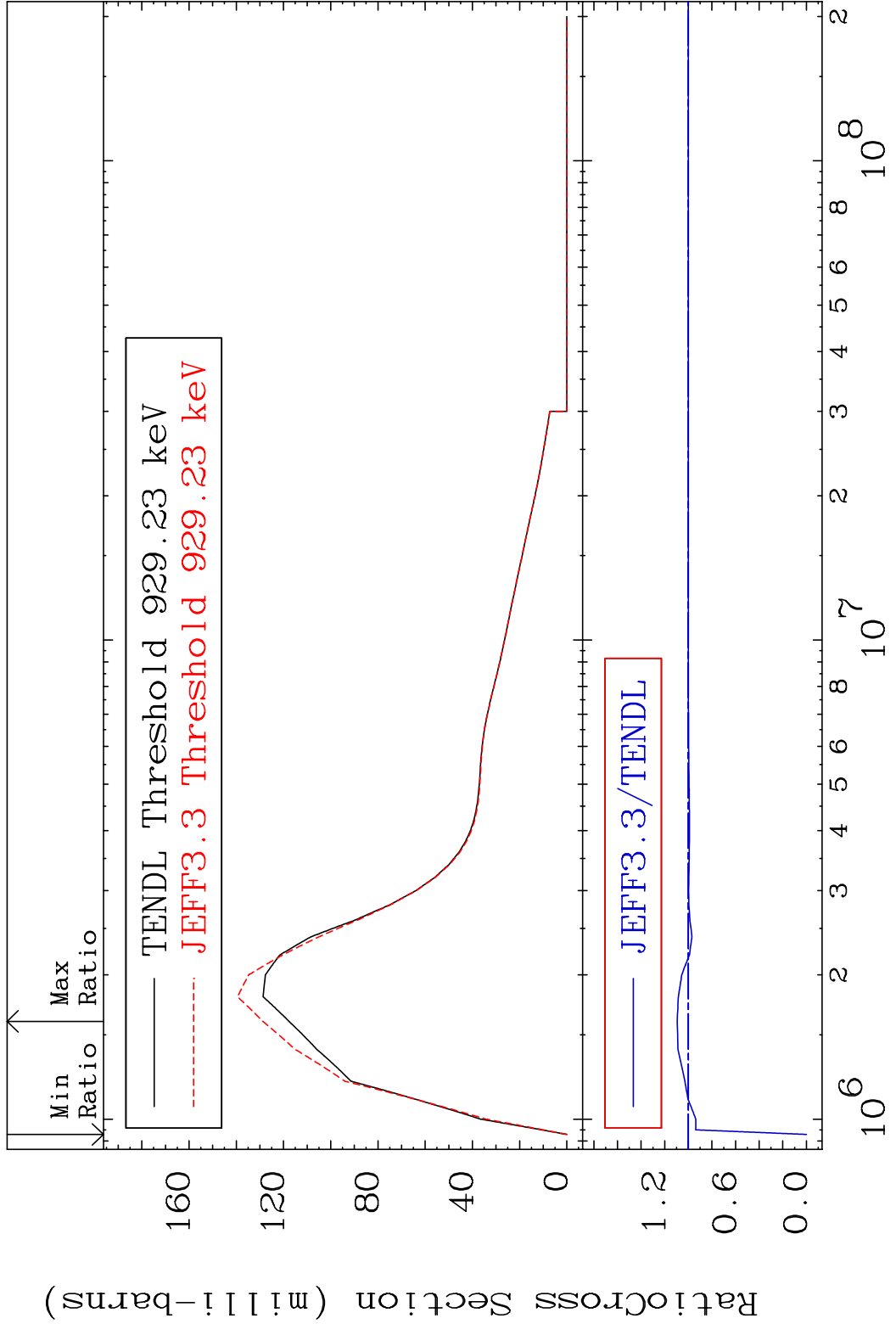
MAT 4649 MT= 51 (n,n') Level 46-Pd-110
 Cross Section -100.0 To 14.37 %



MAT 4649 MT= 52 (n, n') Level 46-Pd-110
 Cross Section -100.0 To 12.60 %

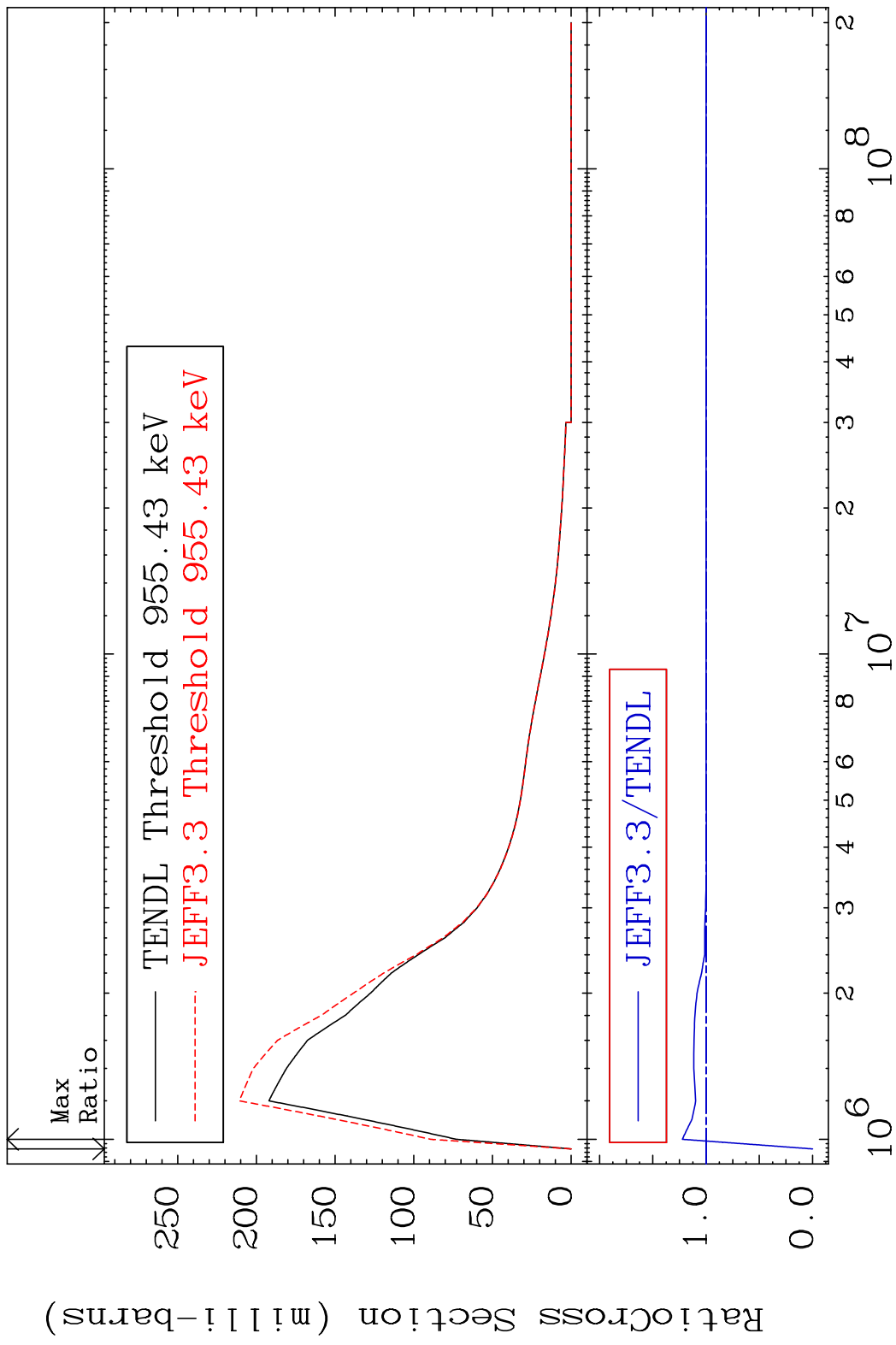


MAT 4649 MT= 53 (n, n') Level 46-Pd-110
 Cross Section -100.0 To 9.431 %



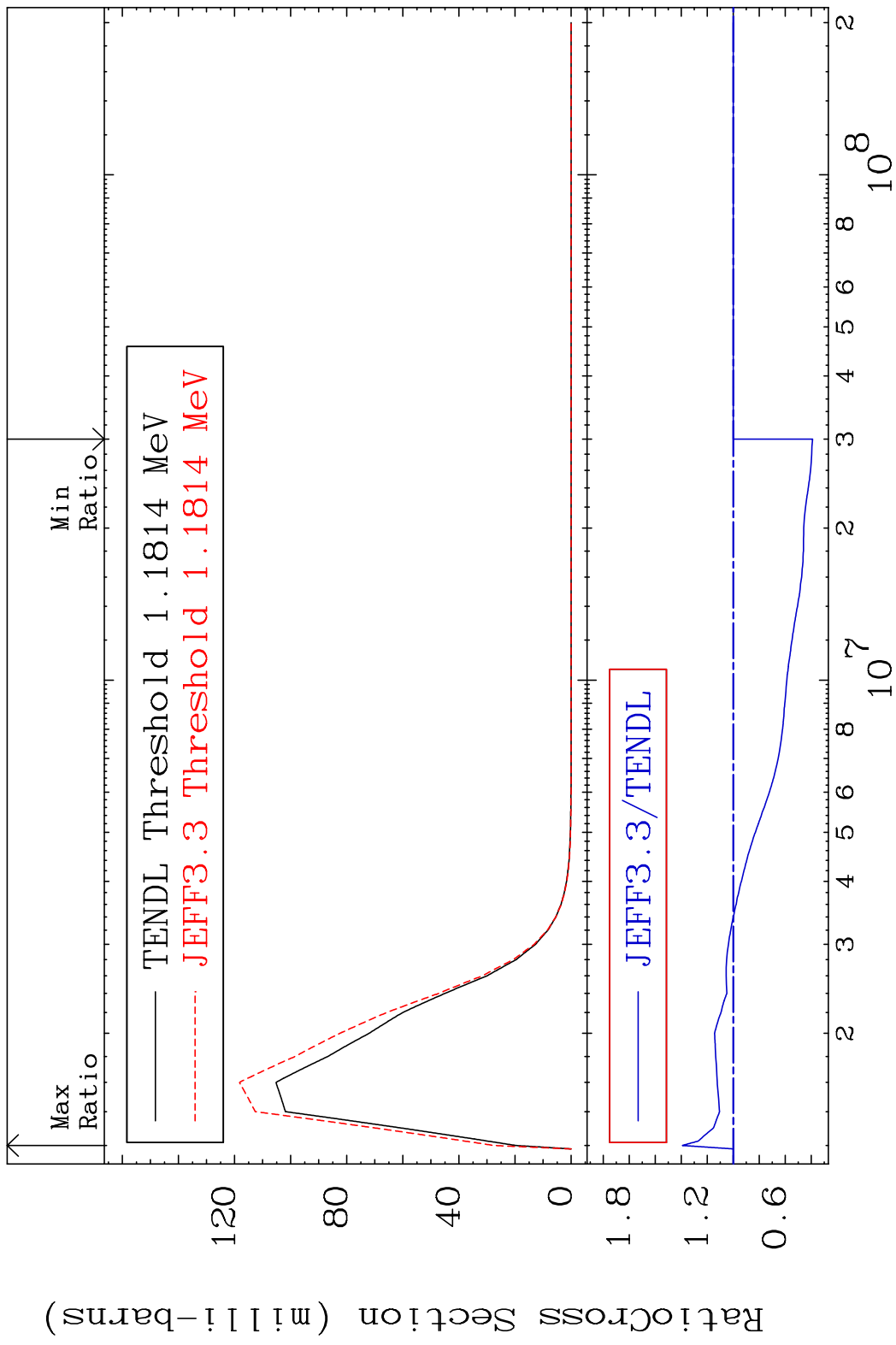
20 Incident Energy (eV) 46-Pd-110

MAT 4649 MT= 54 (n,n') Level 46-Pd-110
 Cross Section -100.0 To 22.28 %

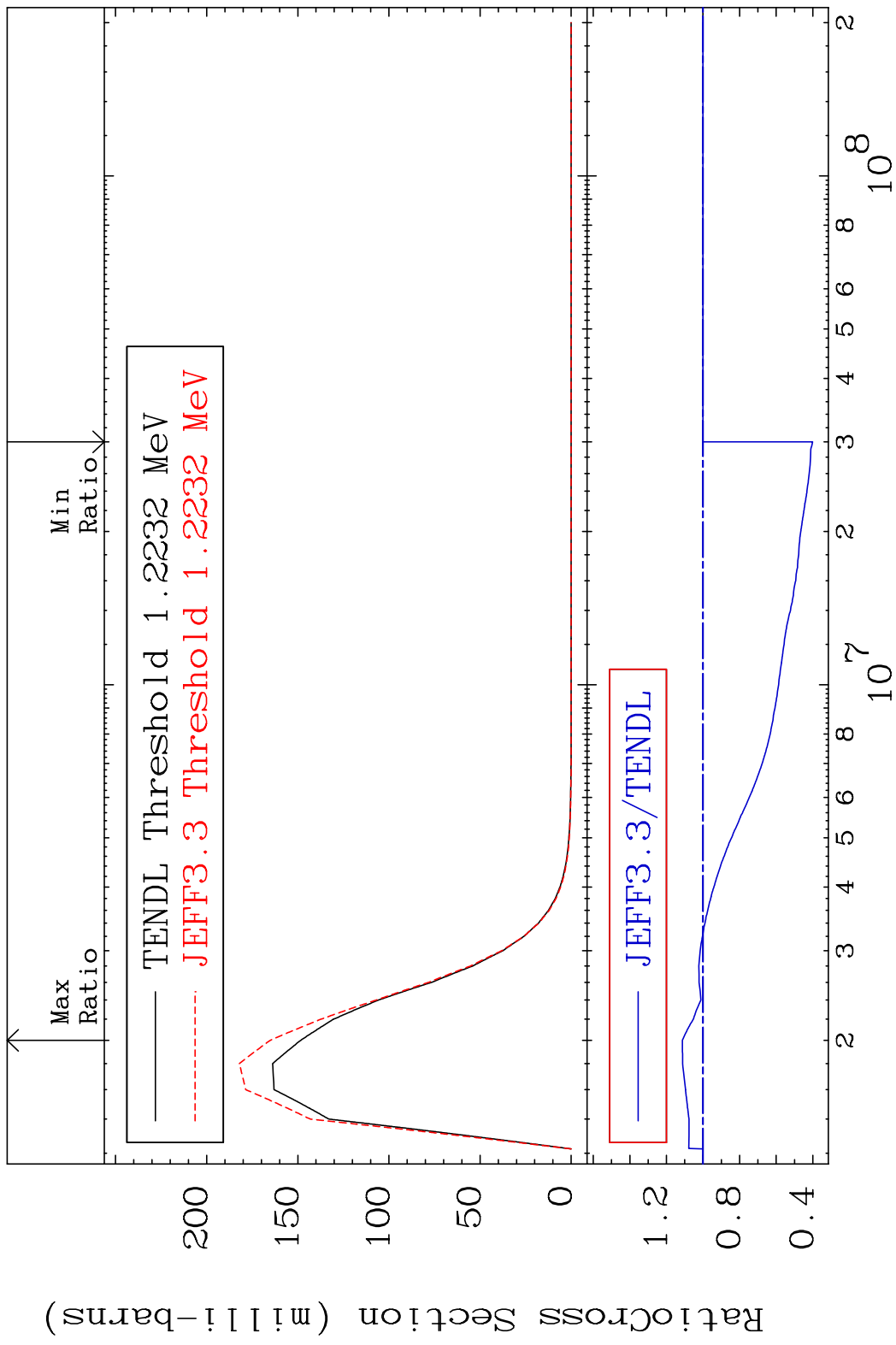


21 Incident Energy (eV) 46-Pd-110

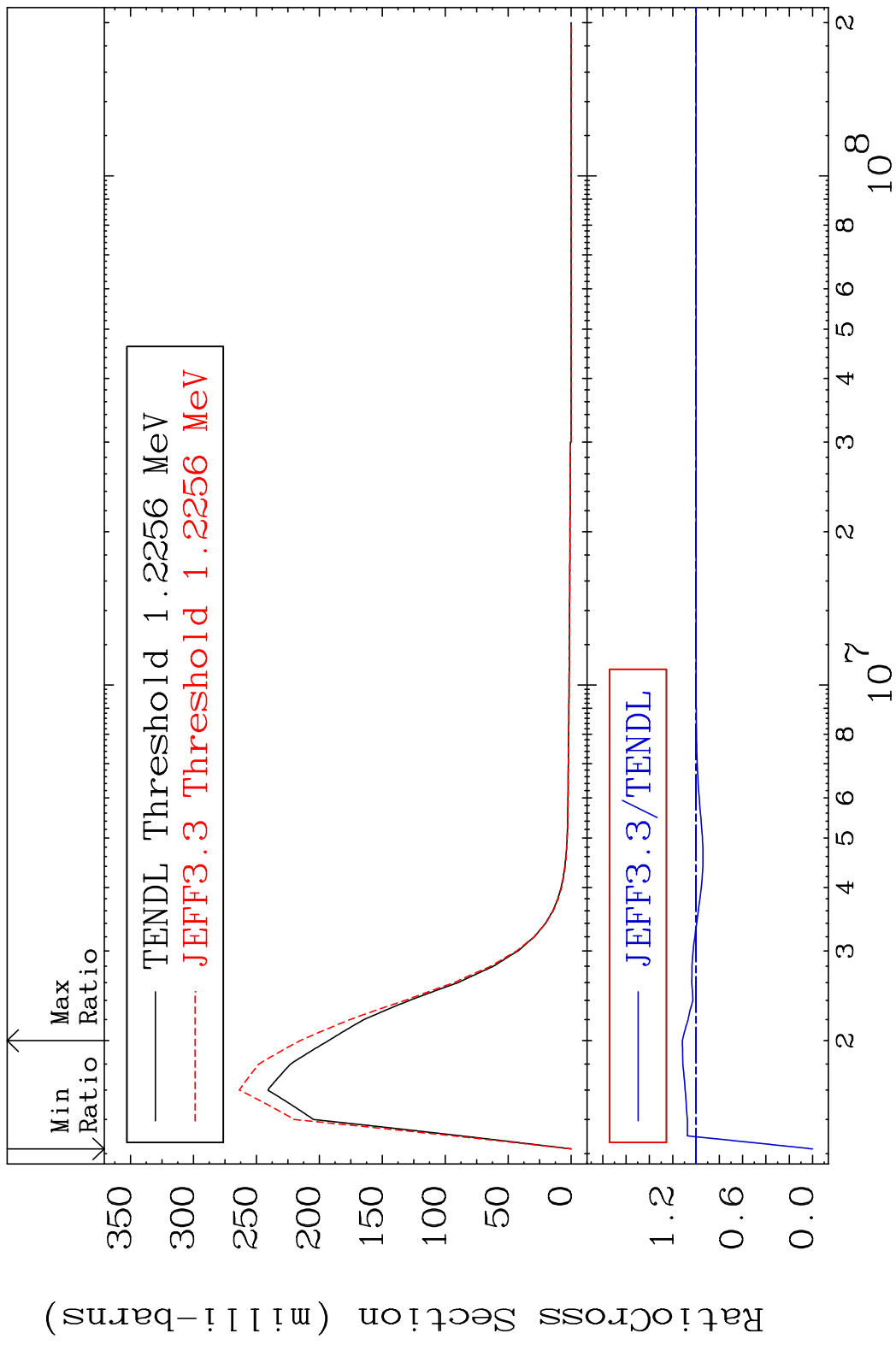
MAT 4649 MT= 55 (n, n') Level 46-Pd-110
 Cross Section -60.95 To 39.17 %



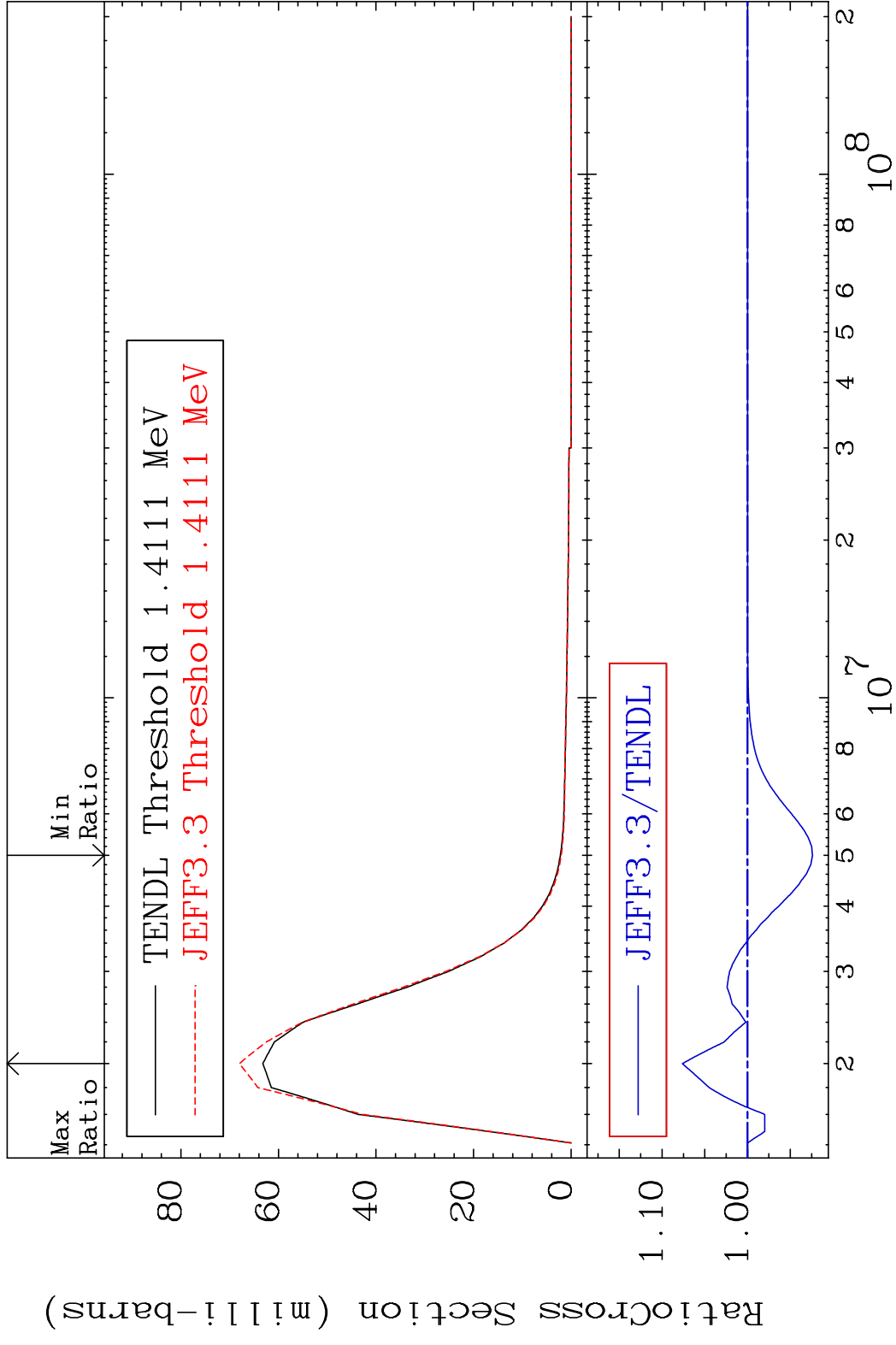
MAT 4649 MT= 56 (n, n') Level 46-Pd-110
 Cross Section -59.87 To 11.30 %



MAT 4649 MT= 57 (n, n') Level 46-Pd-110
 Cross Section -100.0 To 11.75 %



MAT 4649 MT= 58 (n,n') Level 46-Pd-110
 Cross Section -7.613 To 7.624 %

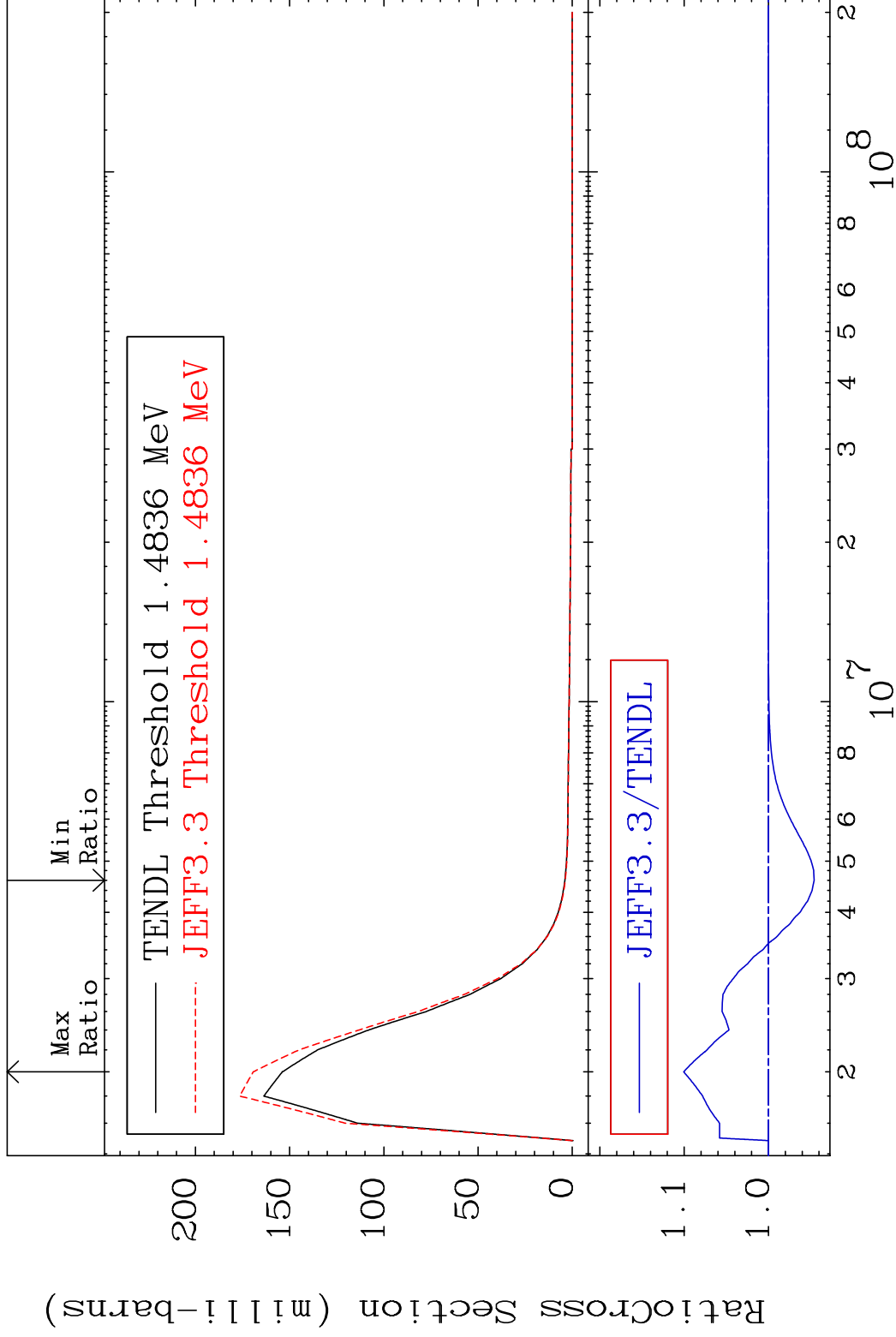


MAT 4649

MT= 59 (n, n') Level

46-Pd-110

Cross Section -5.417 To 10.06 %

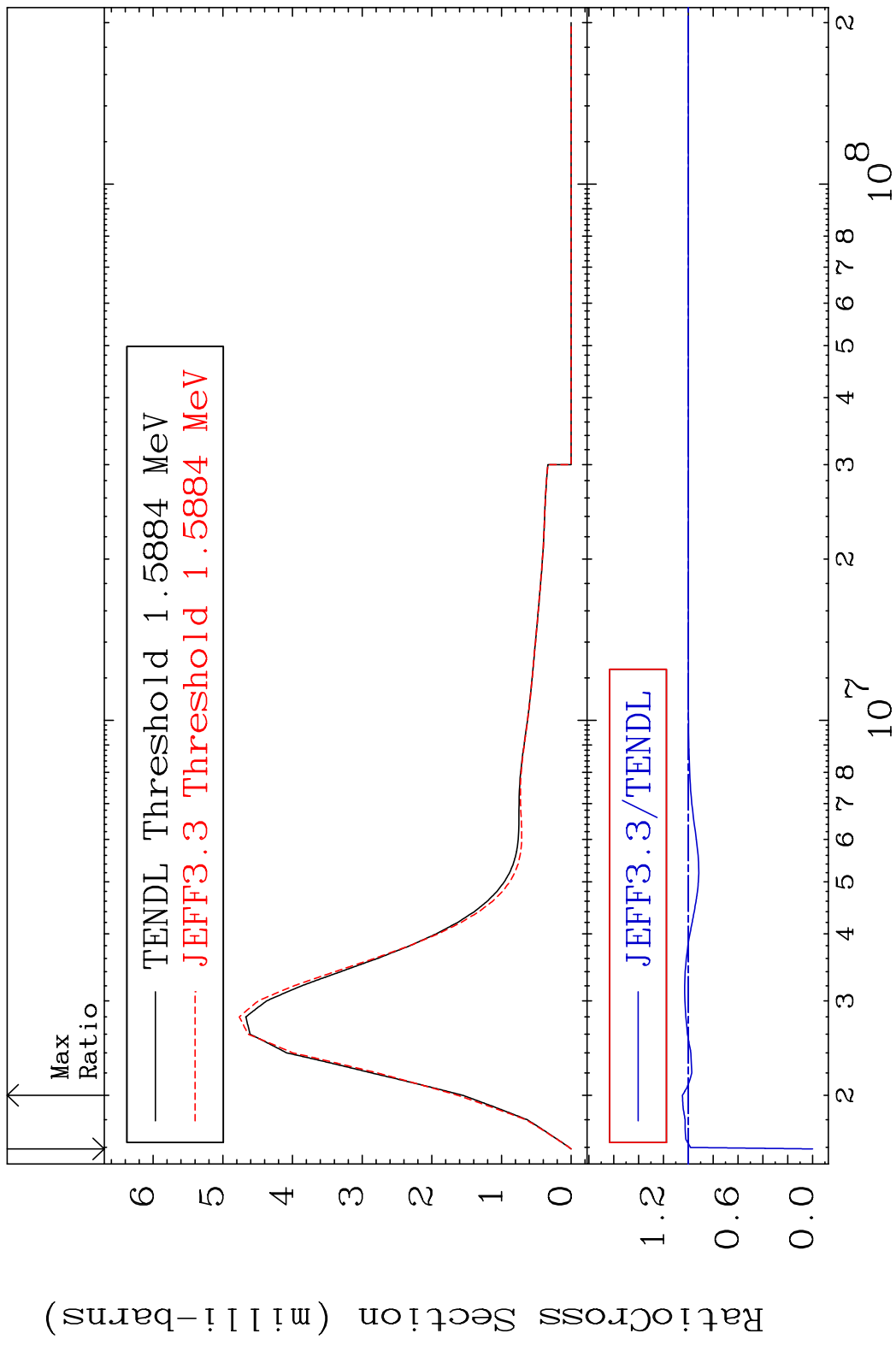


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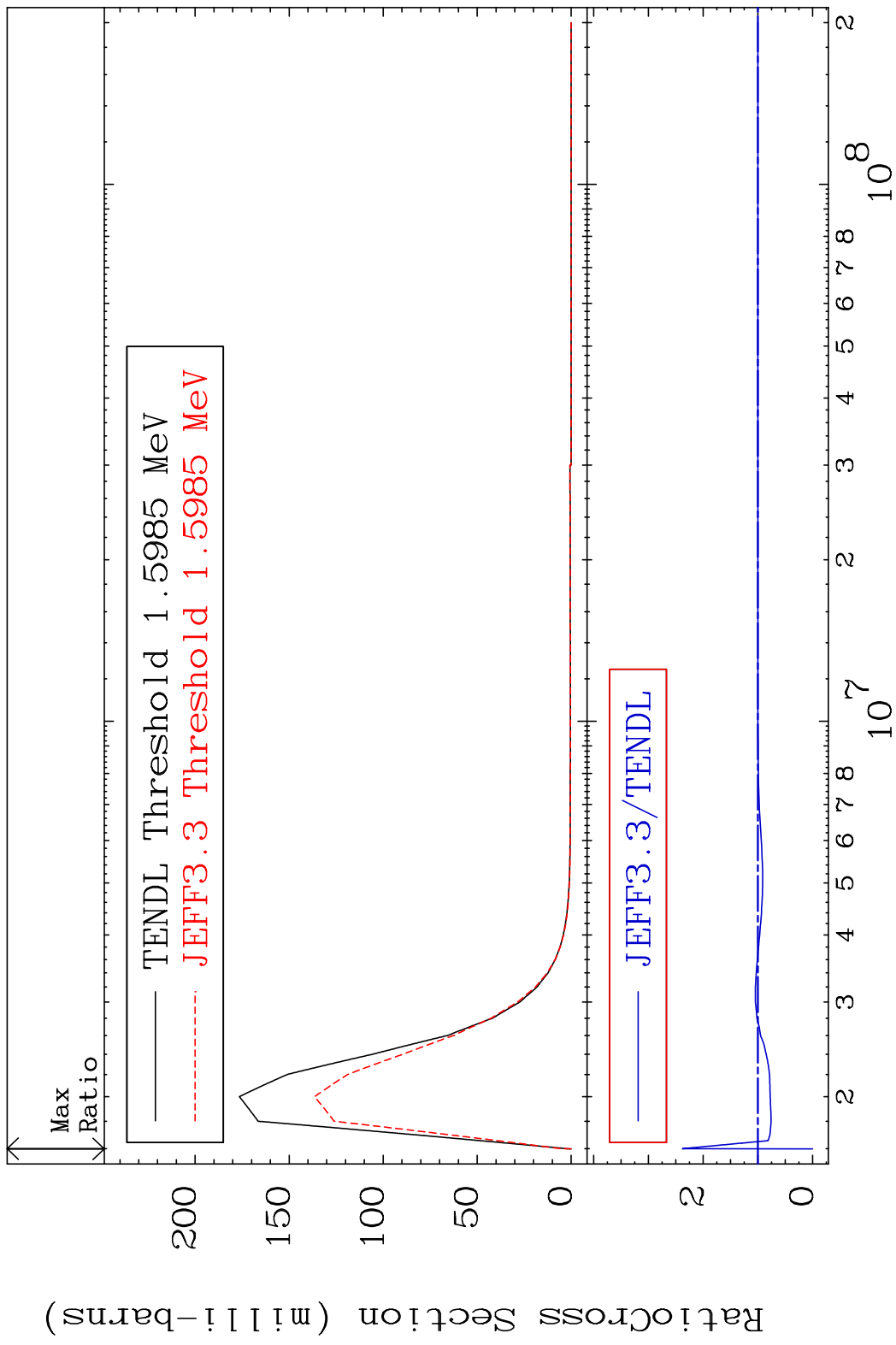
Incident Energy (eV)

46-Pd-110

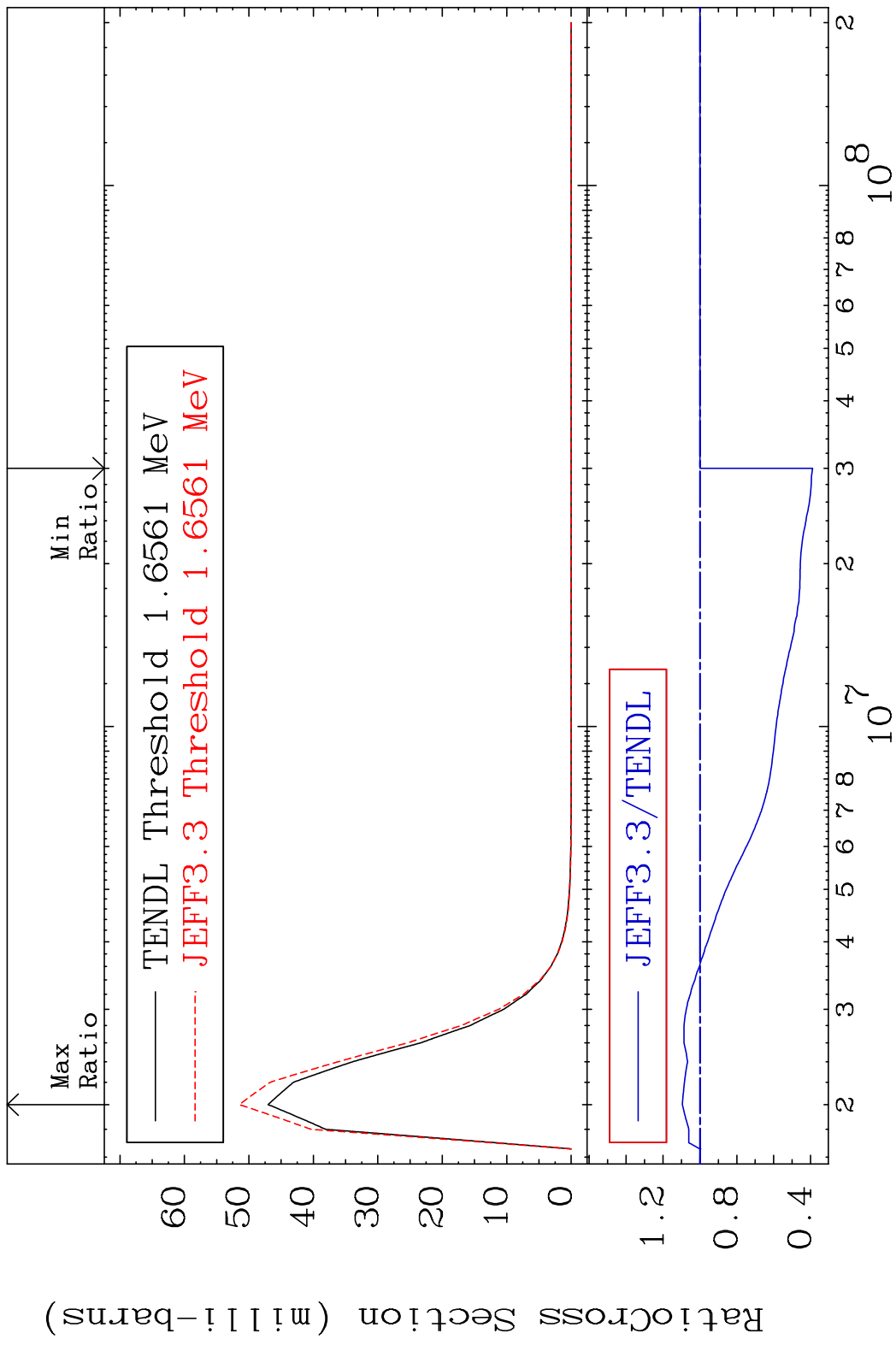
MAT 4649 MT= 60 (n,n') Level 46-Pd-110
 Cross Section -100.0 To 4.738 %



MAT 4649 MT= 61 (n, n') Level 46-Pd-110
 Cross Section -100.0 To 138.0 %



MAT 4649 MT= 62 (n,n') Level 46-Pd-110
 Cross Section -61.05 To 9.494 %

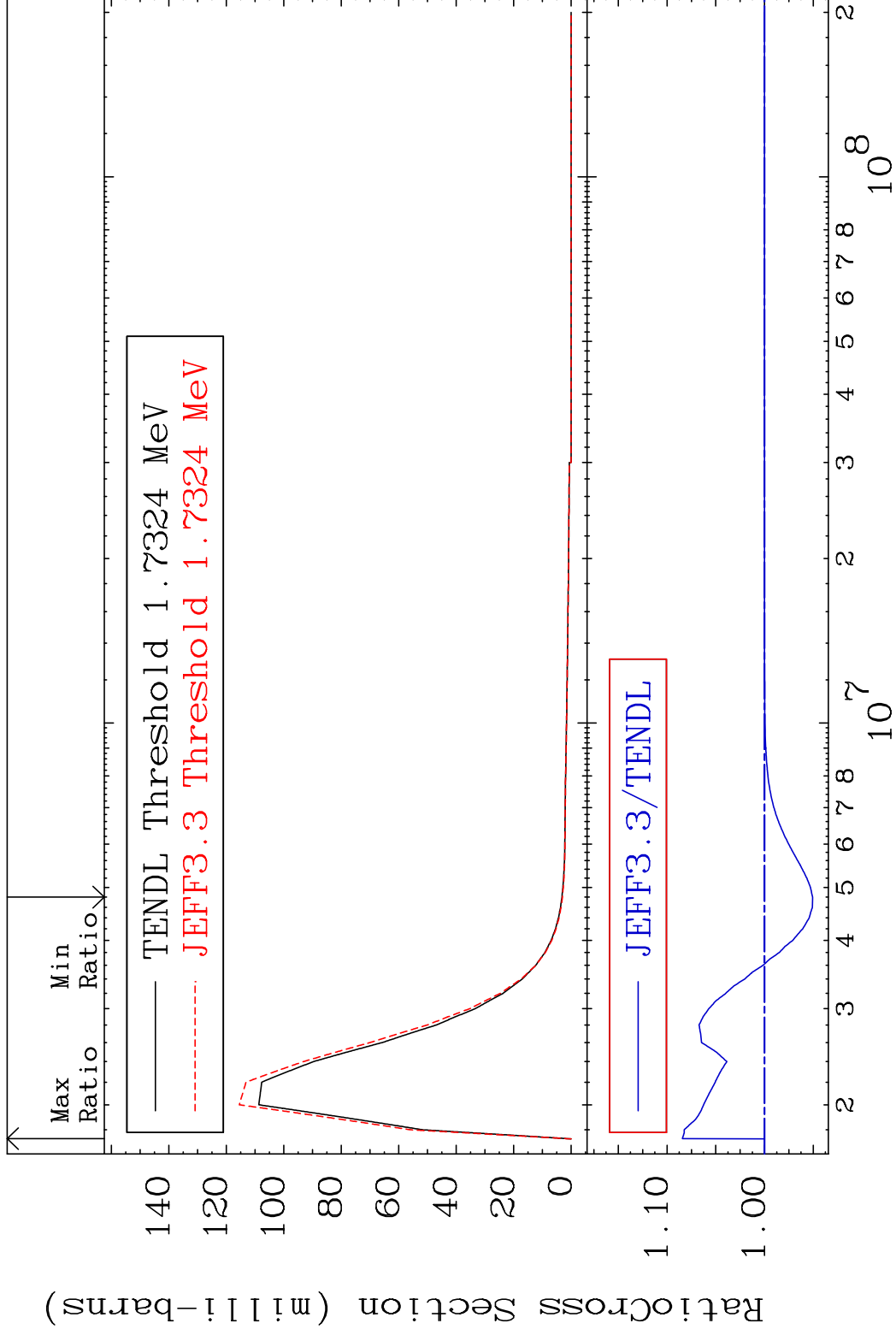


MAT 4649

MT= 63 (n,n') Level

46-Pd-110

Cross Section -4.927 To 8.428 %

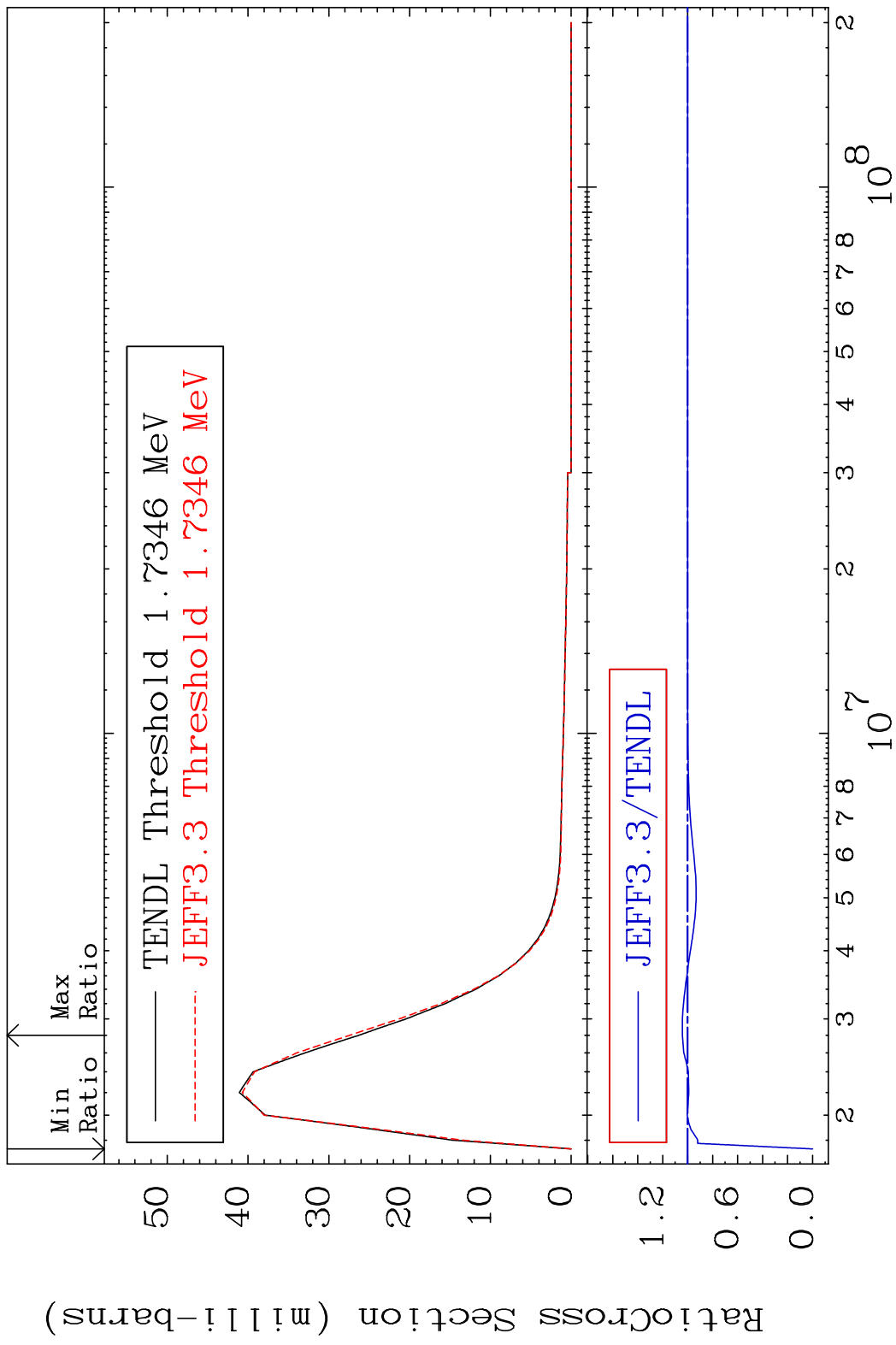


30

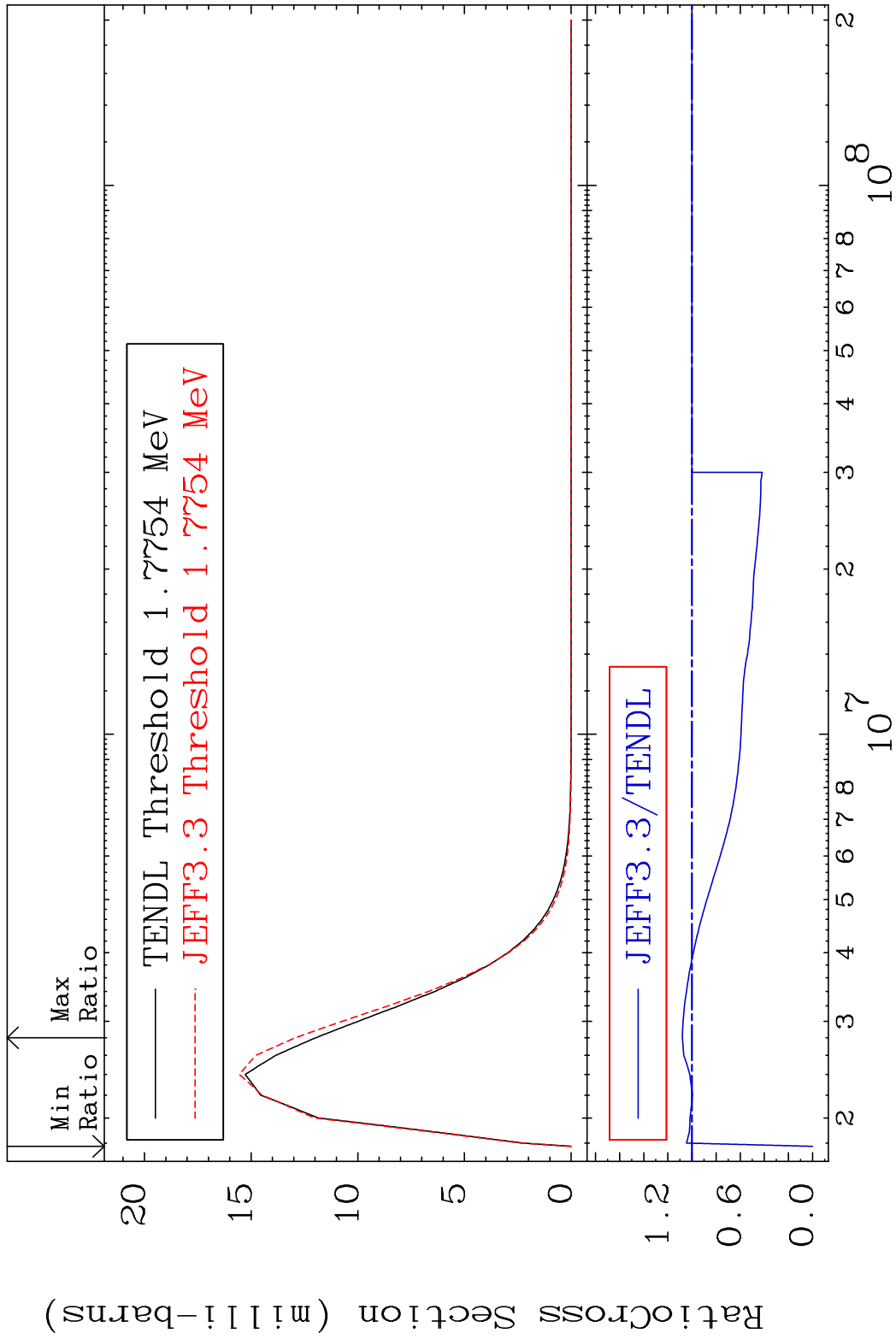
Incident Energy (eV)

46-Pd-110

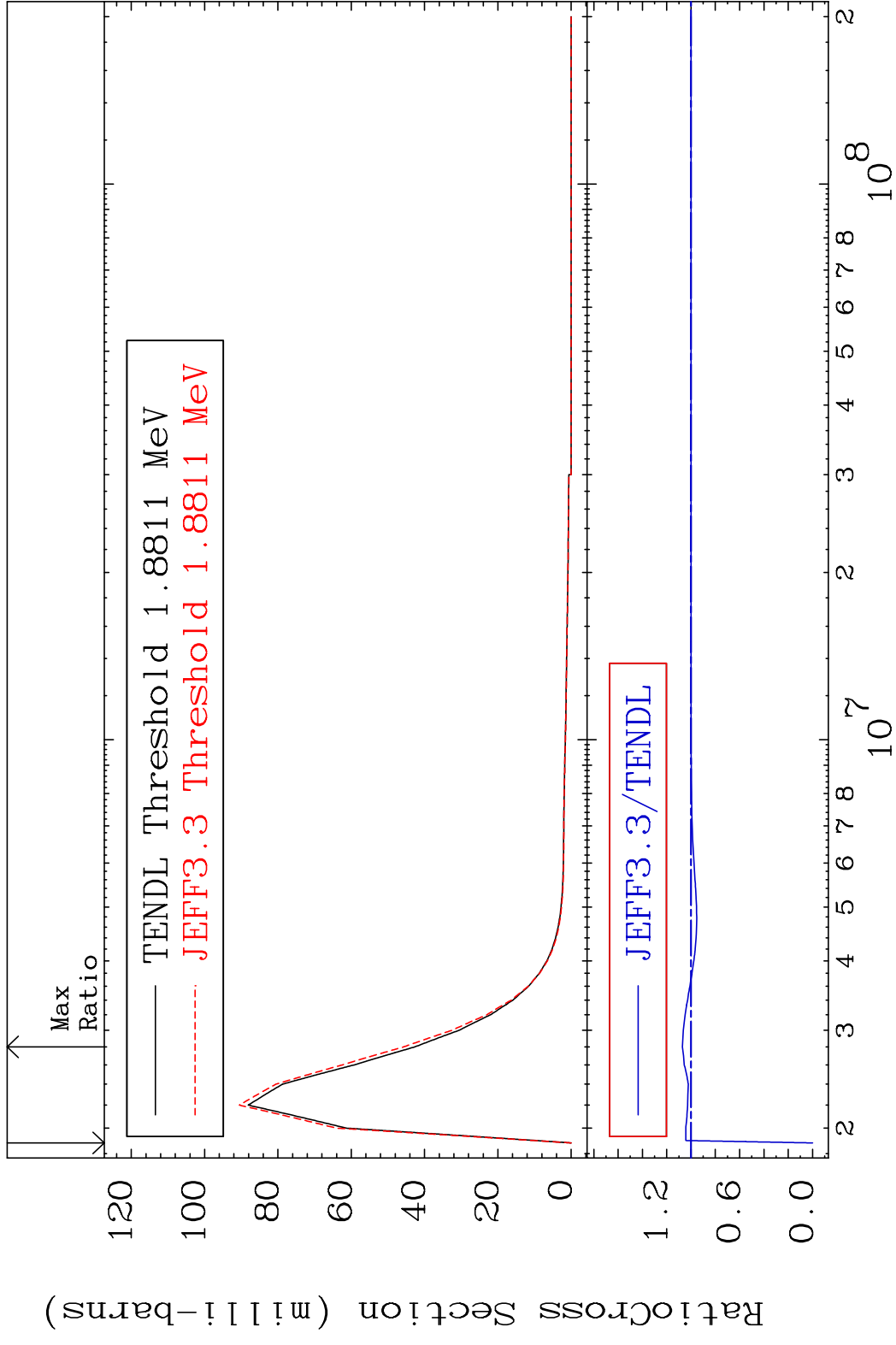
MAT 4649 MT= 64 (n,n') Level 46-Pd-110
 Cross Section -100.0 To 4.249 %



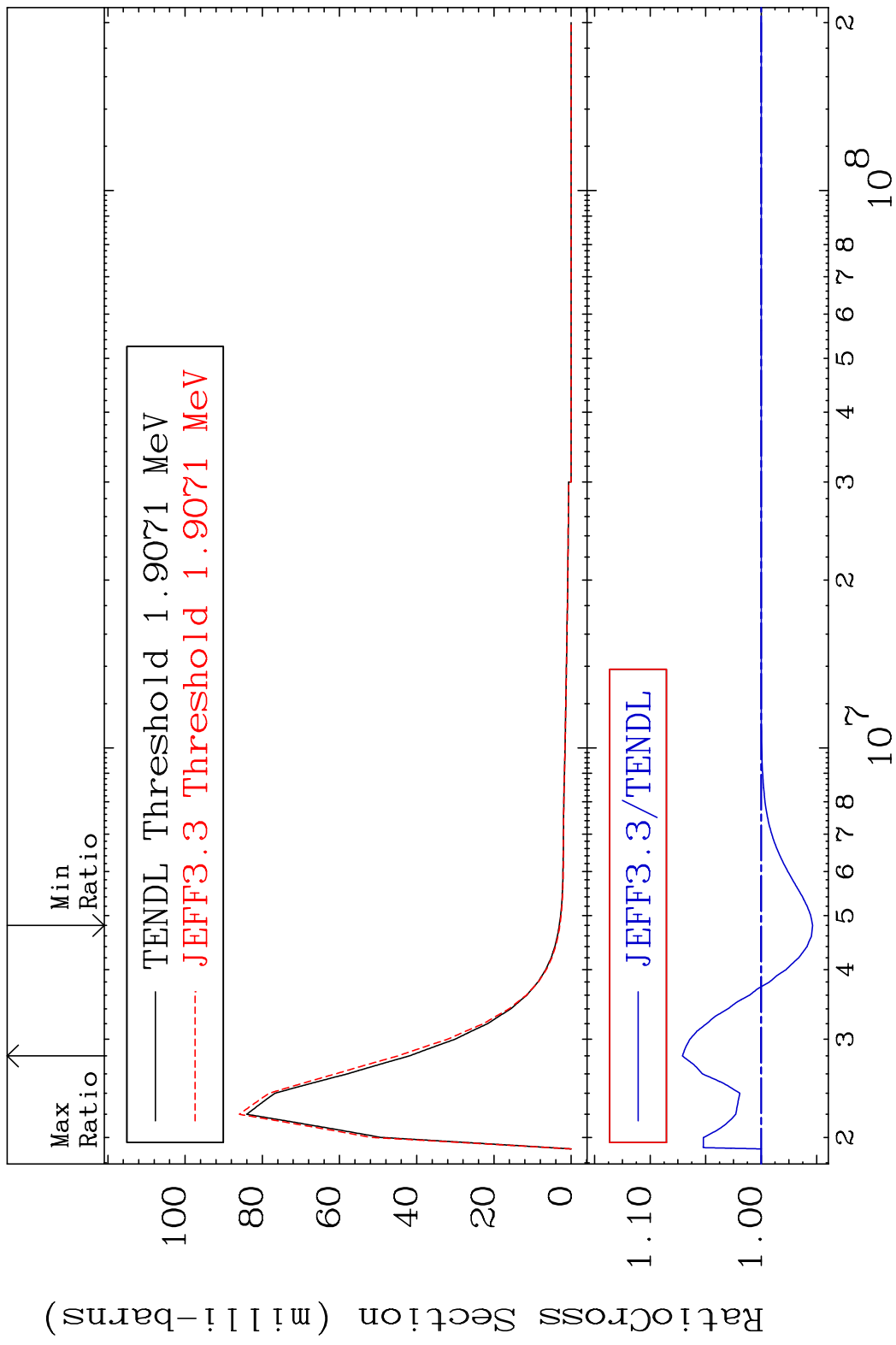
MAT 4649 MT= 65 (n,n') Level 46-Pd-110
Cross Section -100.0 To 7.985 %



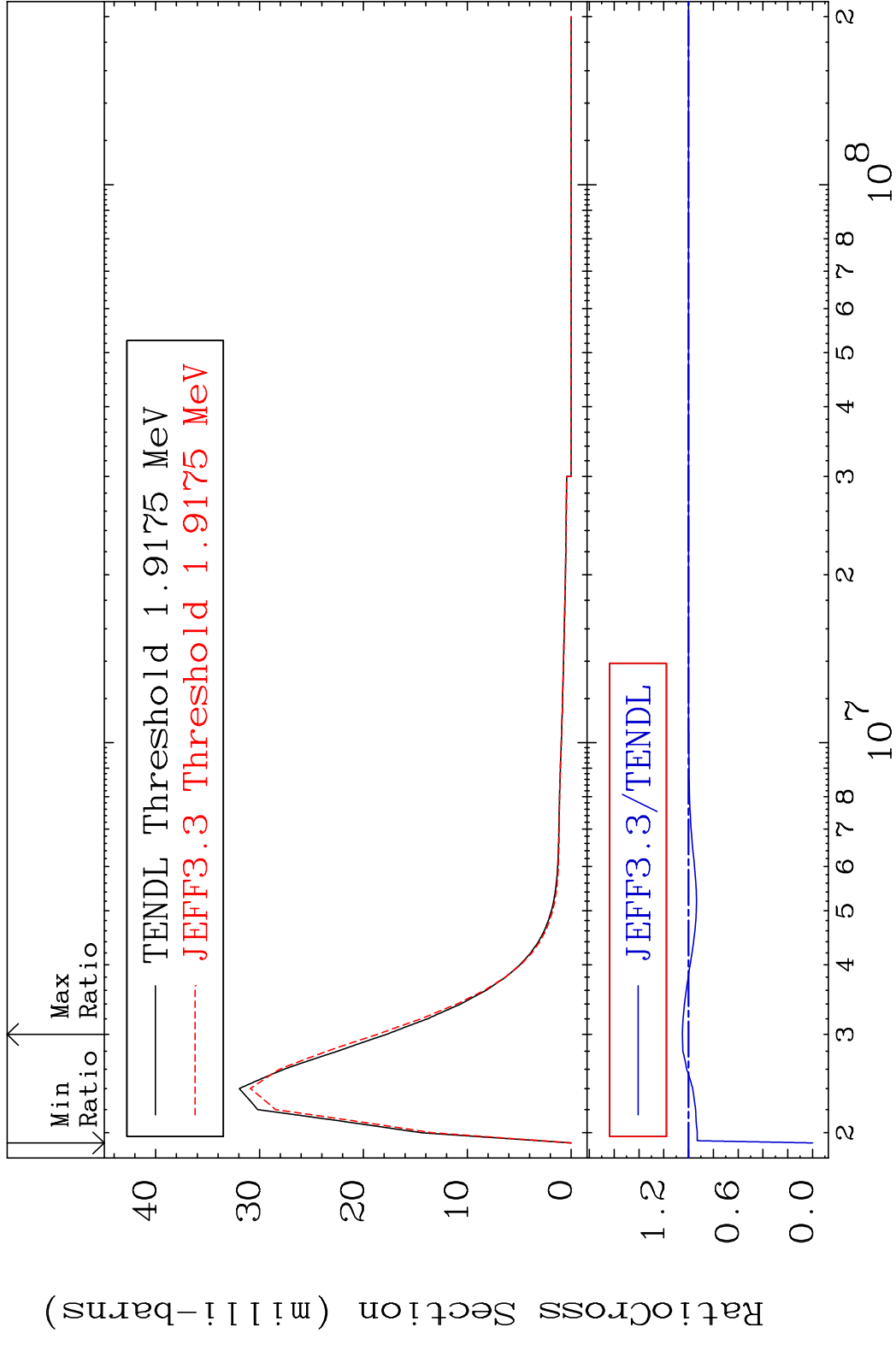
MAT 4649 MT= 66 (n,n') Level 46-Pd-110
 Cross Section -100.0 To 7.138 %



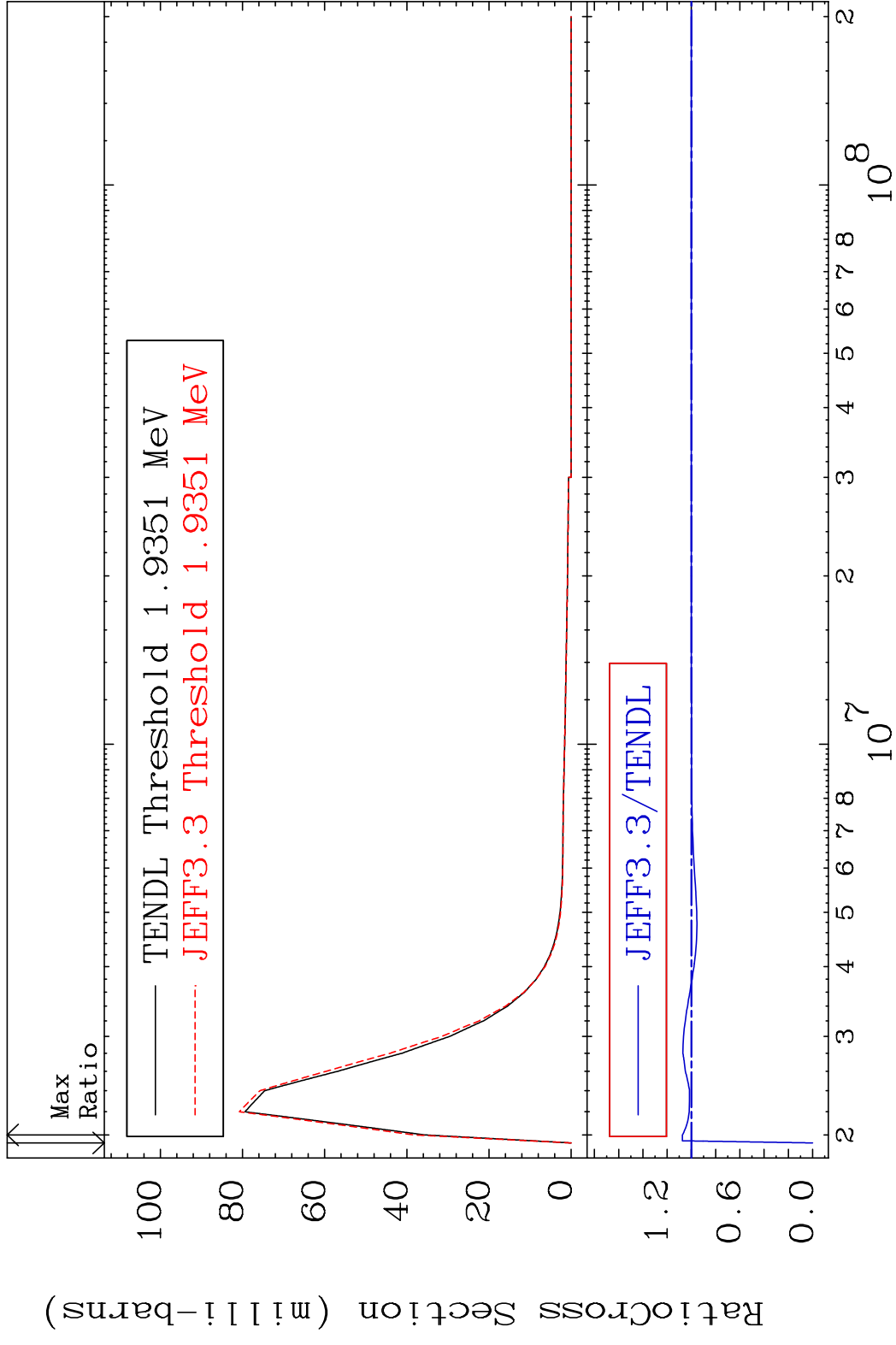
MAT 4649 MT= 67 (n,n') Level 46-Pd-110
 Cross Section -4.626 To 7.100 %



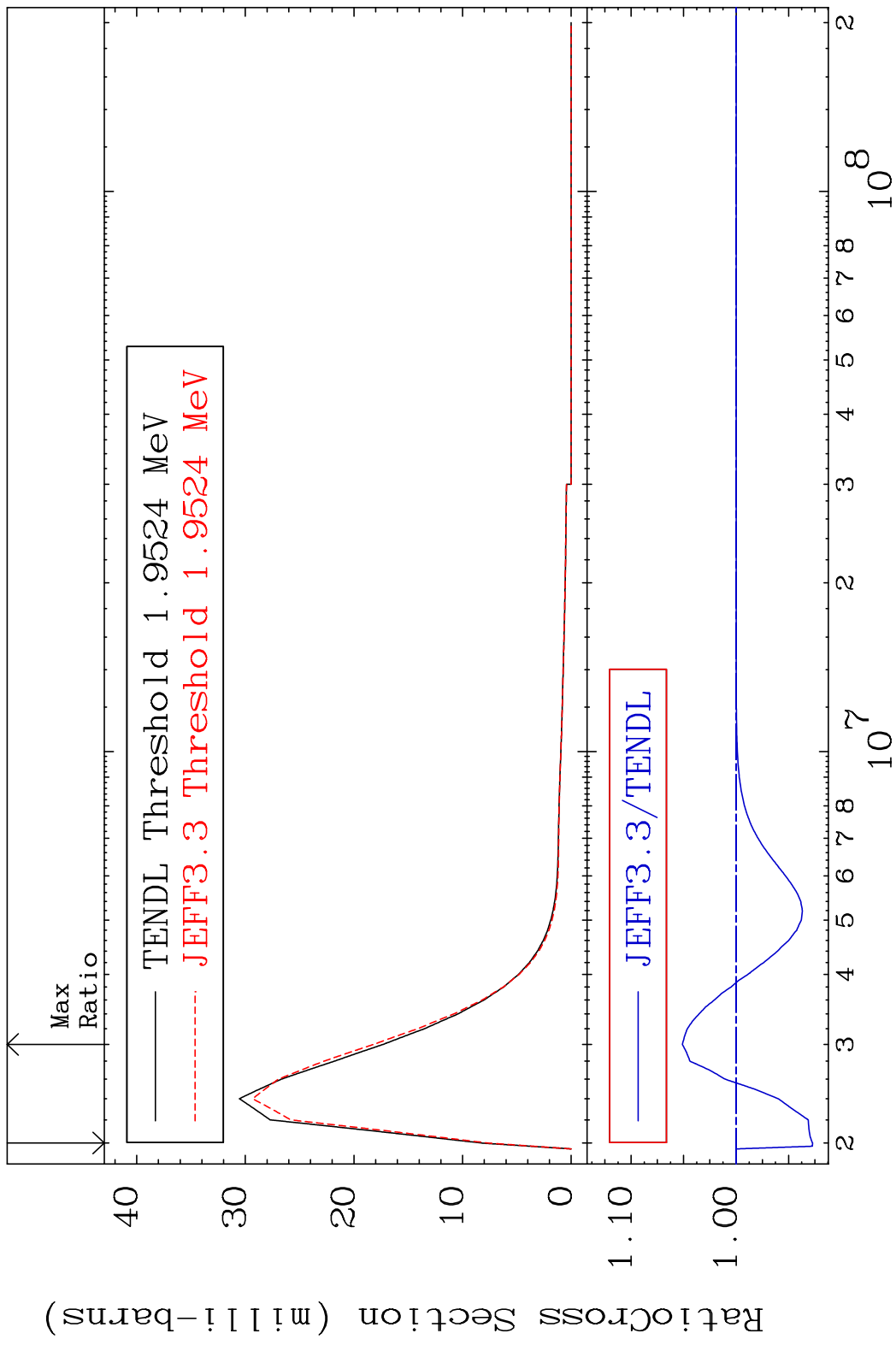
MAT 4649 MT= 68 (n,n') Level 46-Pd-110
 Cross Section -100.0 To 5.006 %



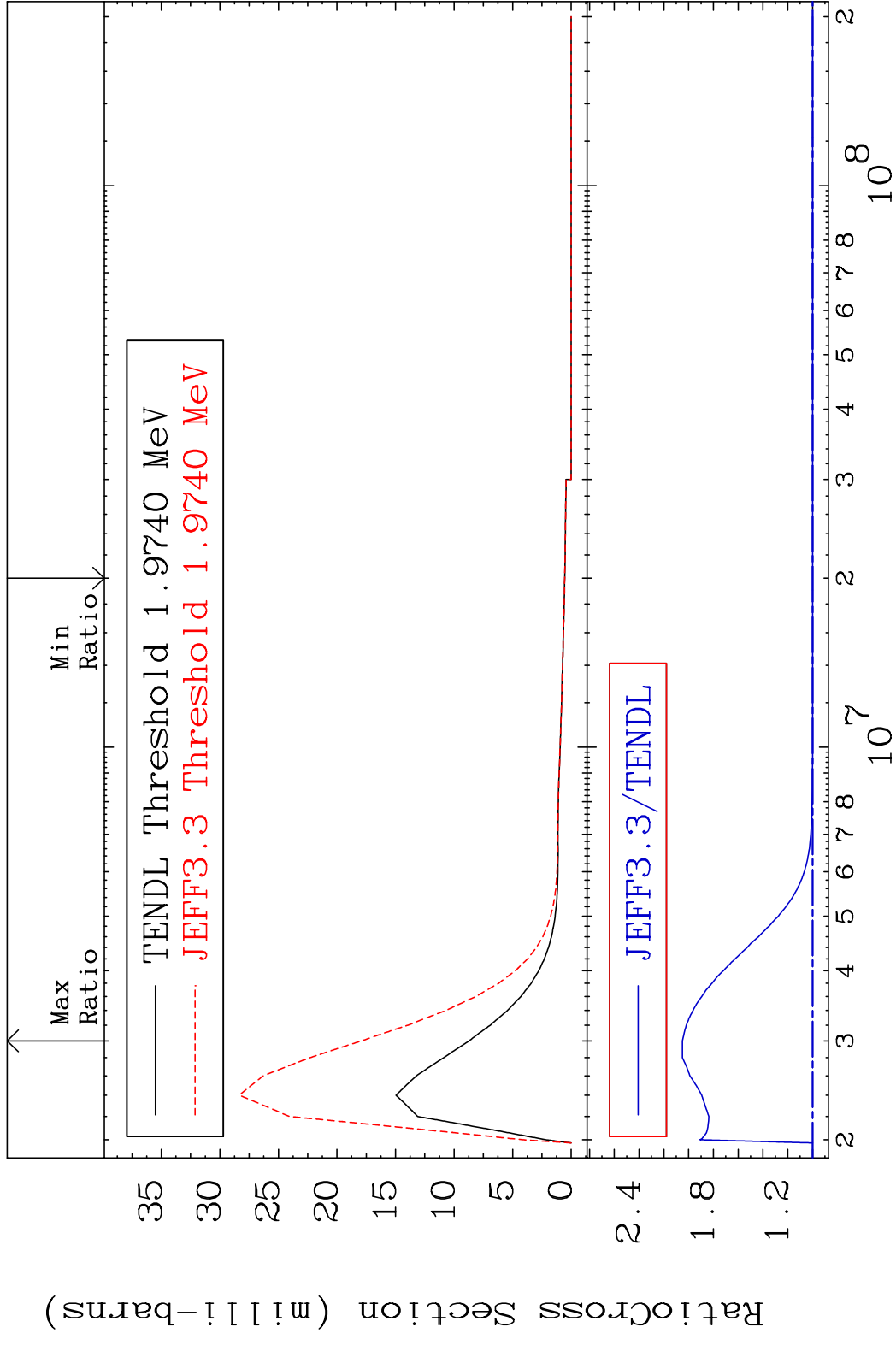
MAT 4649 MT= 69 (n,n') Level 46-Pd-110
 Cross Section -100.0 To 7.455 %



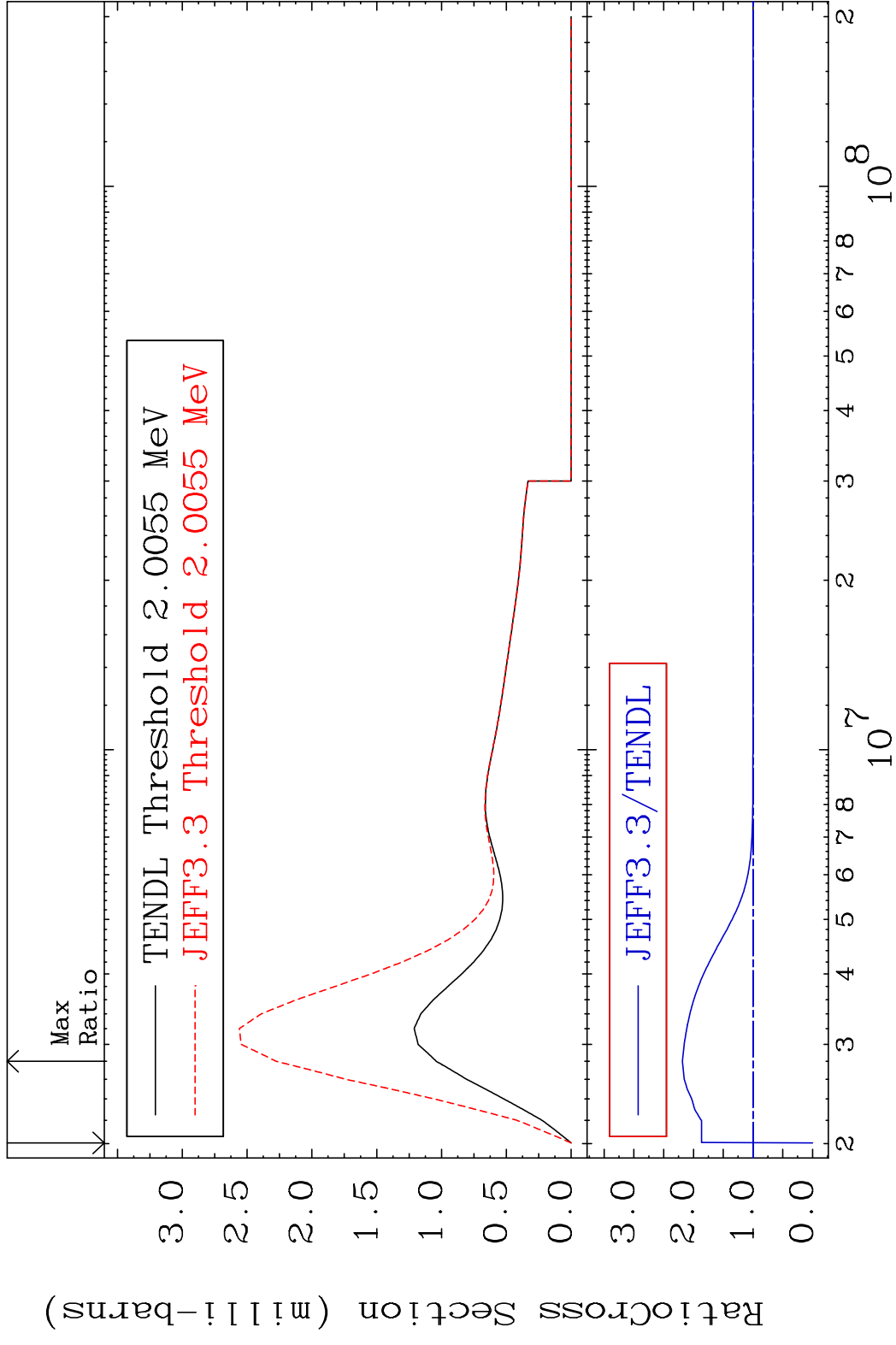
MAT 4649 MT= 70 (n,n') Level 46-Pd-110
 Cross Section -7.286 To 5.121 %



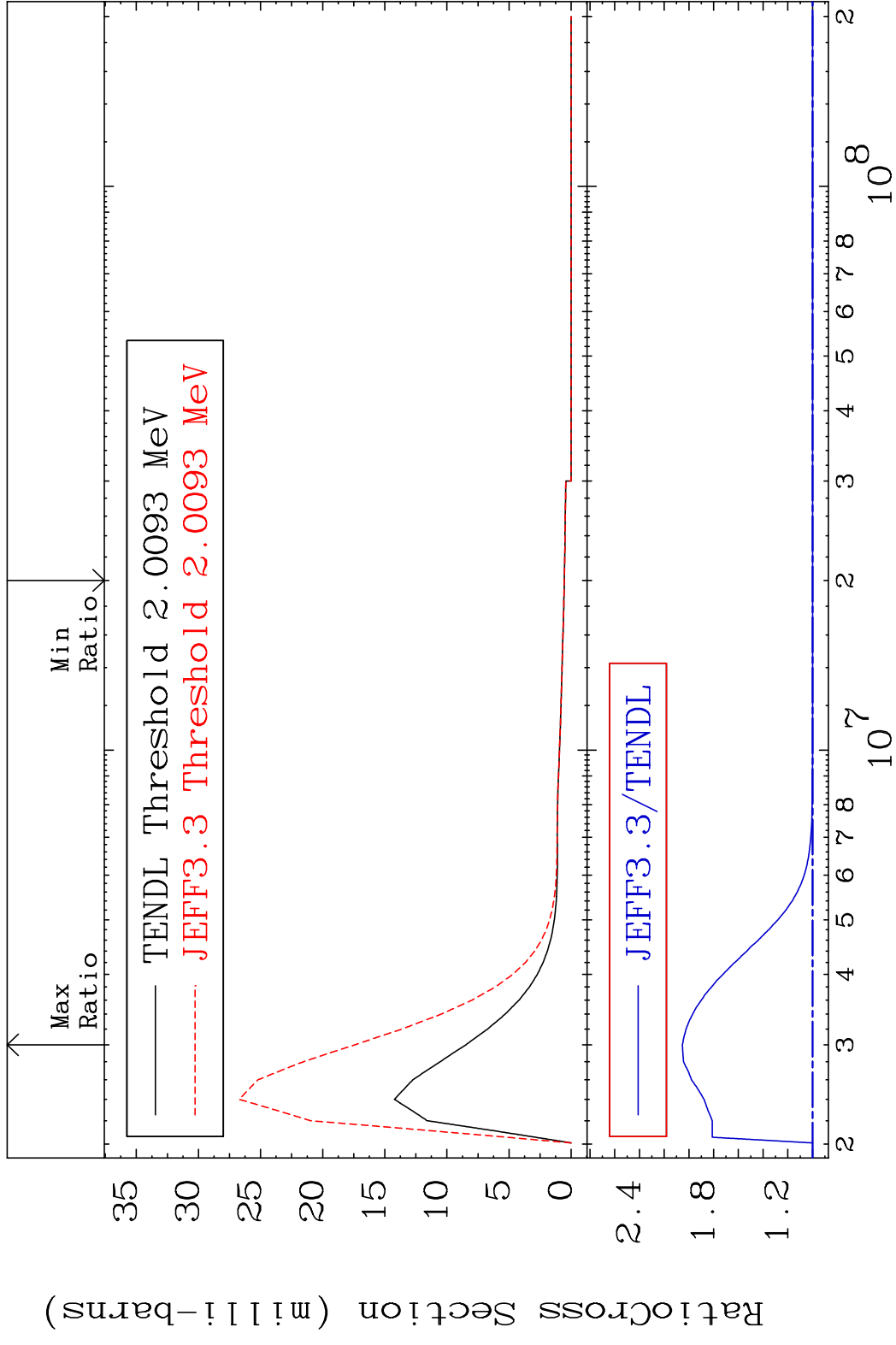
MAT 4649 MT= 71 (n,n') Level 46-Pd-110
 Cross Section 0.000 To 105.1 %



MAT 4649 MT= 72 (n, n') Level 46-Pd-110
 Cross Section -100.0 To 118.6 %

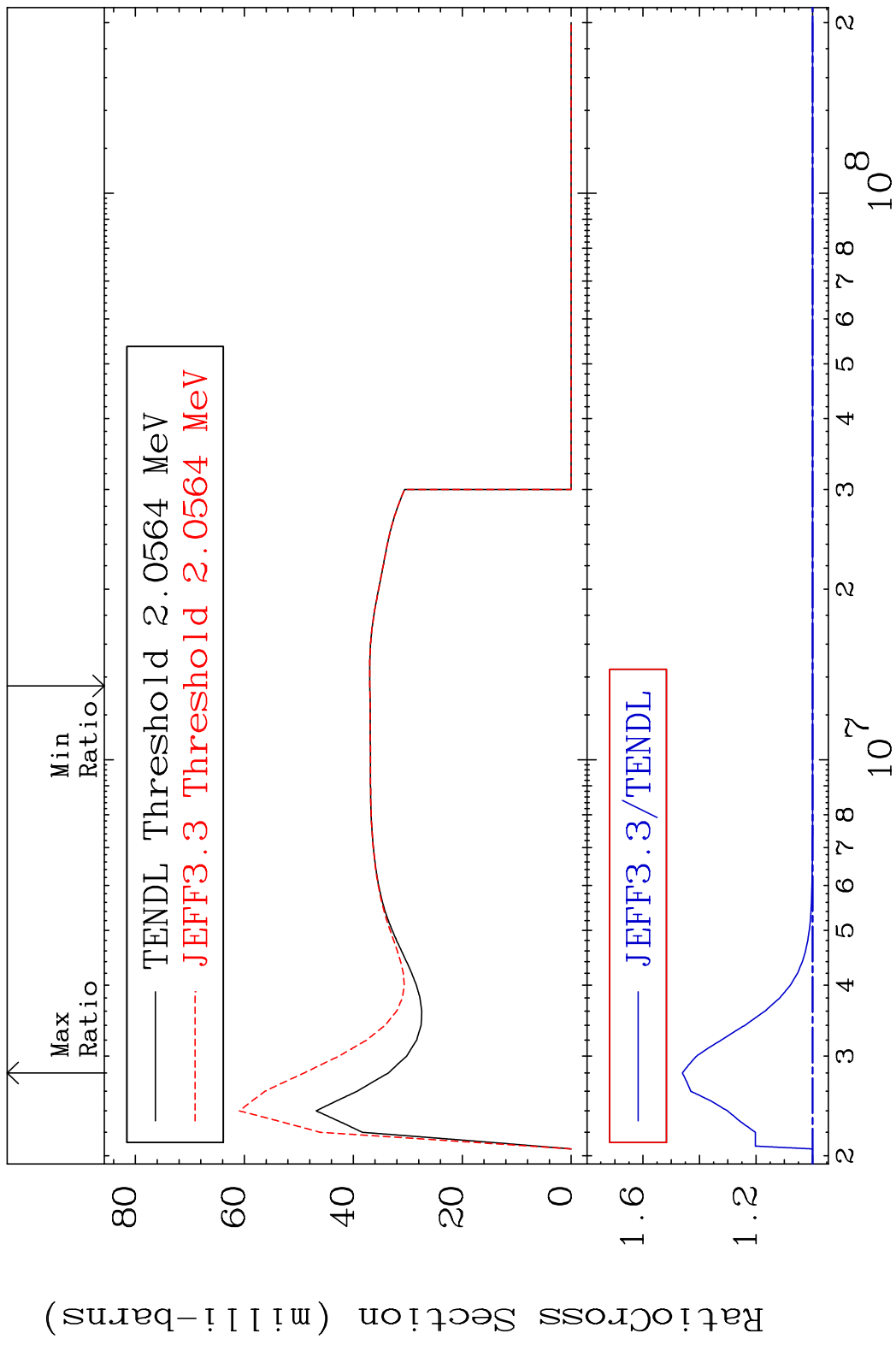


MAT 4649 MT= 73 (n, n') Level 46-Pd-110
 Cross Section 0.000 To 105.3 %

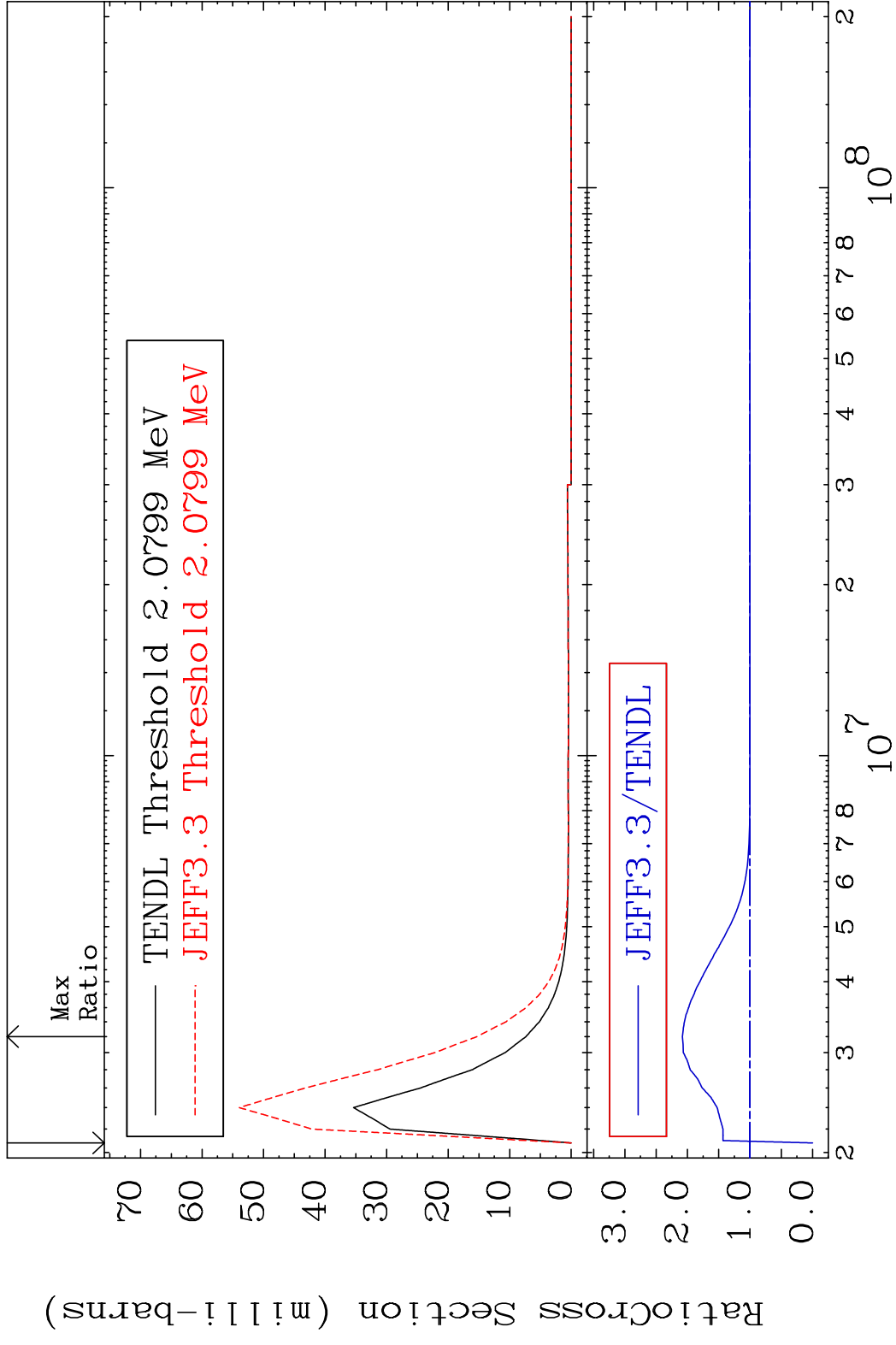


40 Incident Energy (eV) 46-Pd-110

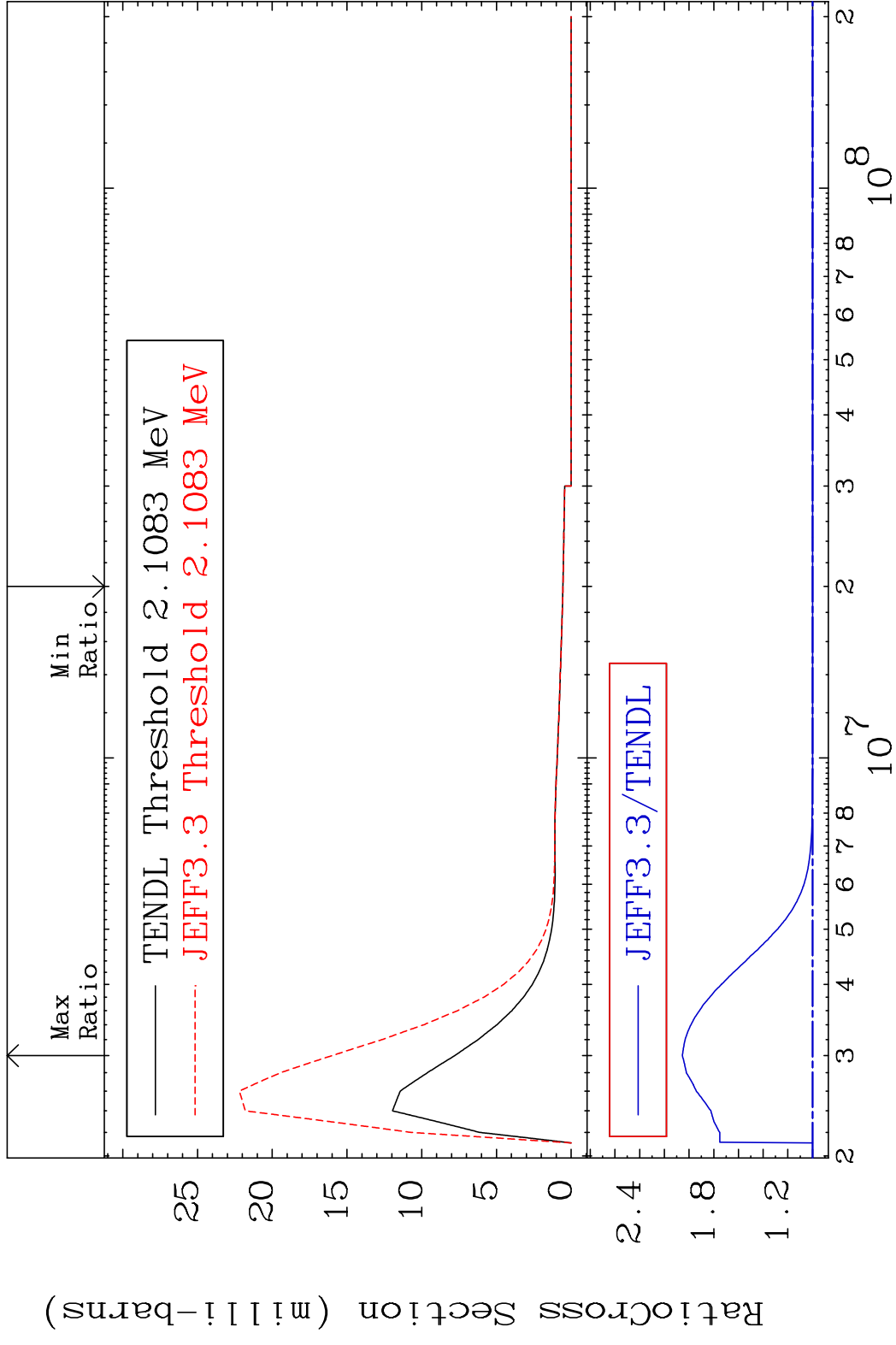
MAT 4649 MT= 74 (n, n') Level 46-Pd-110
 Cross Section 0.000 To 46.08 %



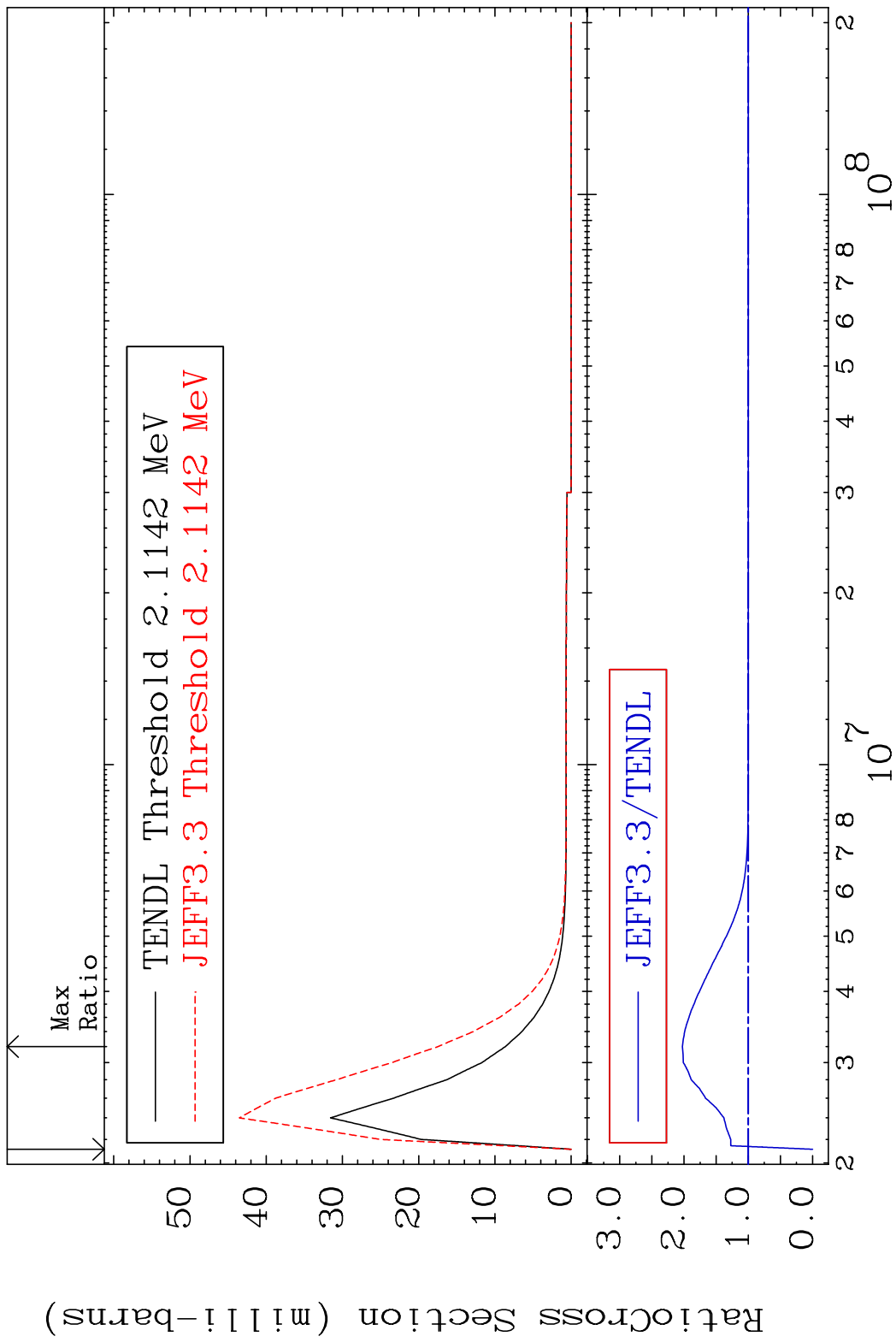
MAT 4649 MT= 75 (n, n') Level 46-Pd-110
 Cross Section -100.0 To 108.1 %



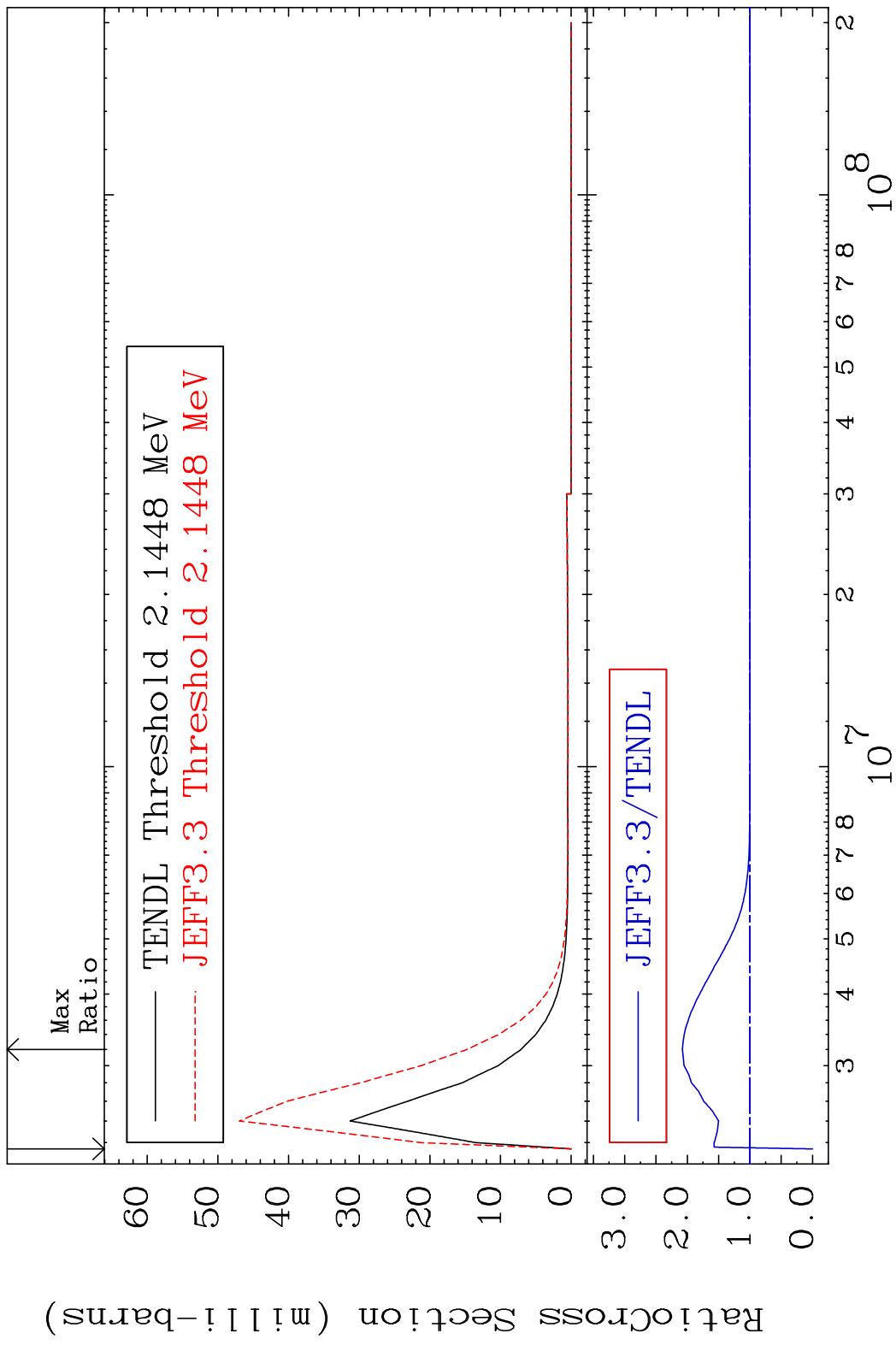
MAT 4649 MT= 76 (n,n') Level 46-Pd-110
 Cross Section 0.000 To 105.4 %



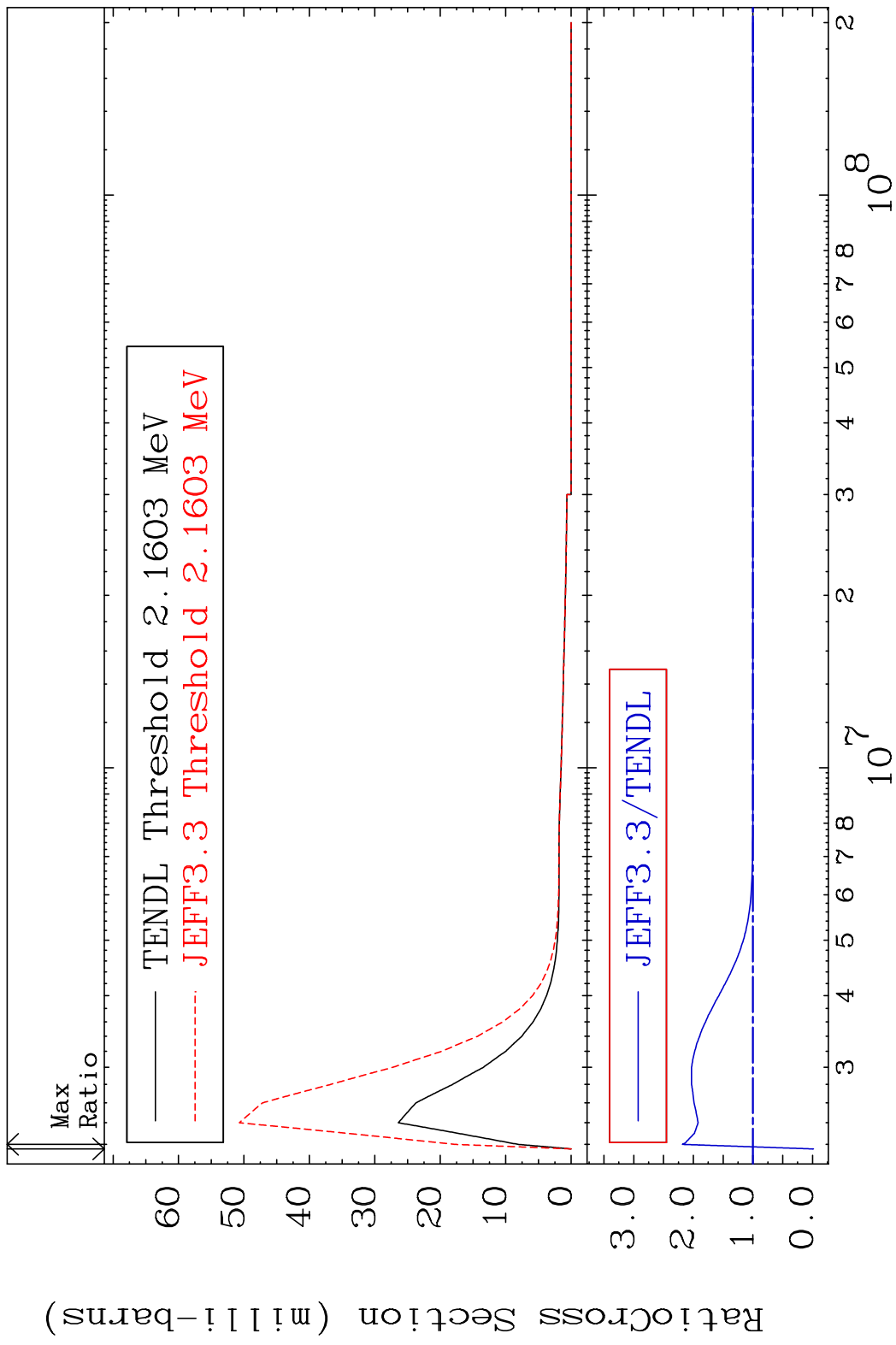
MAT 4649 MT= 77 (n, n') Level 46-Pd-110
 Cross Section -100.0 To 102.6 %



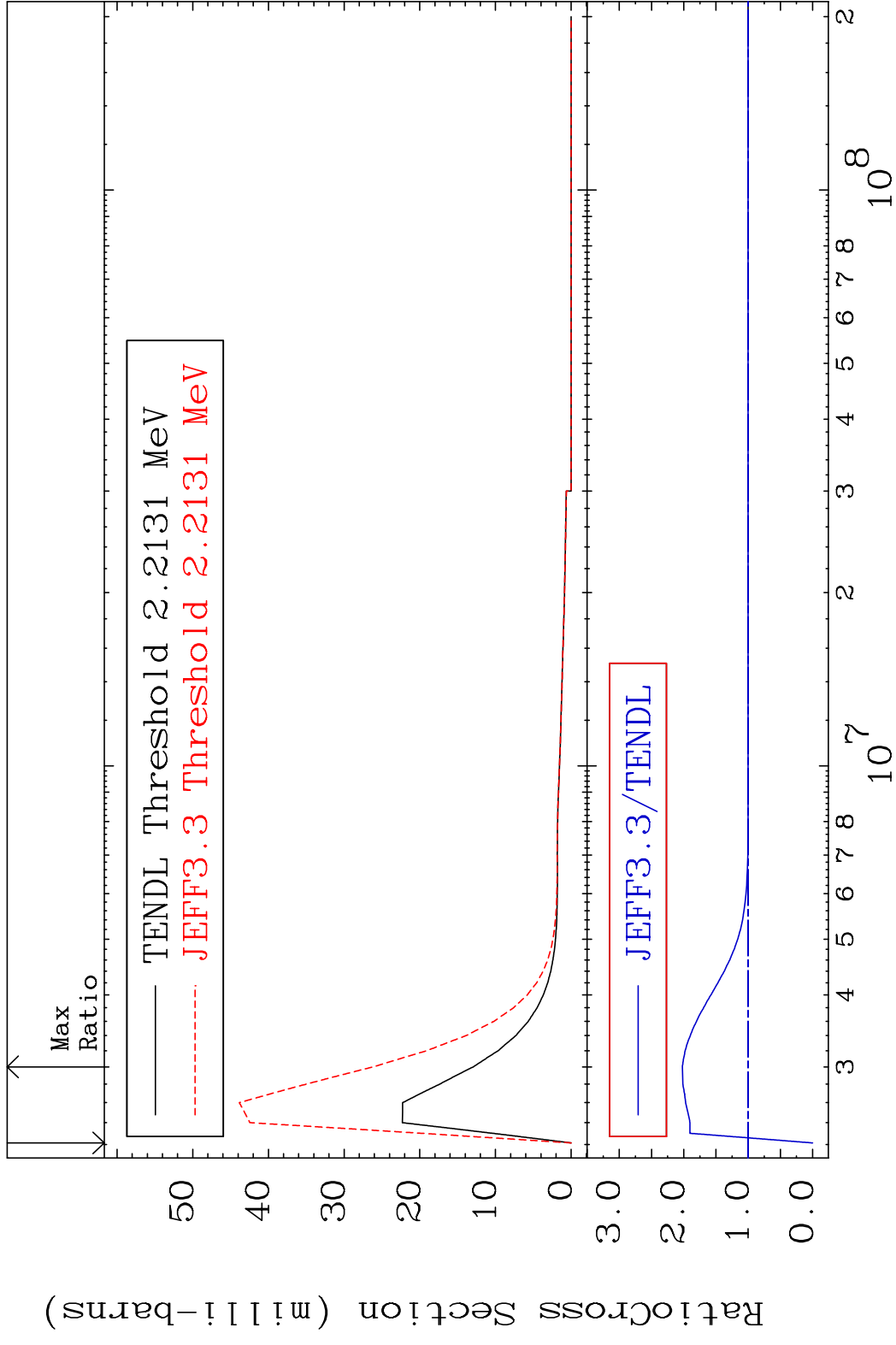
MAT 4649 MT= 78 (n, n') Level 46-Pd-110
 Cross Section -100.0 To 107.9 %



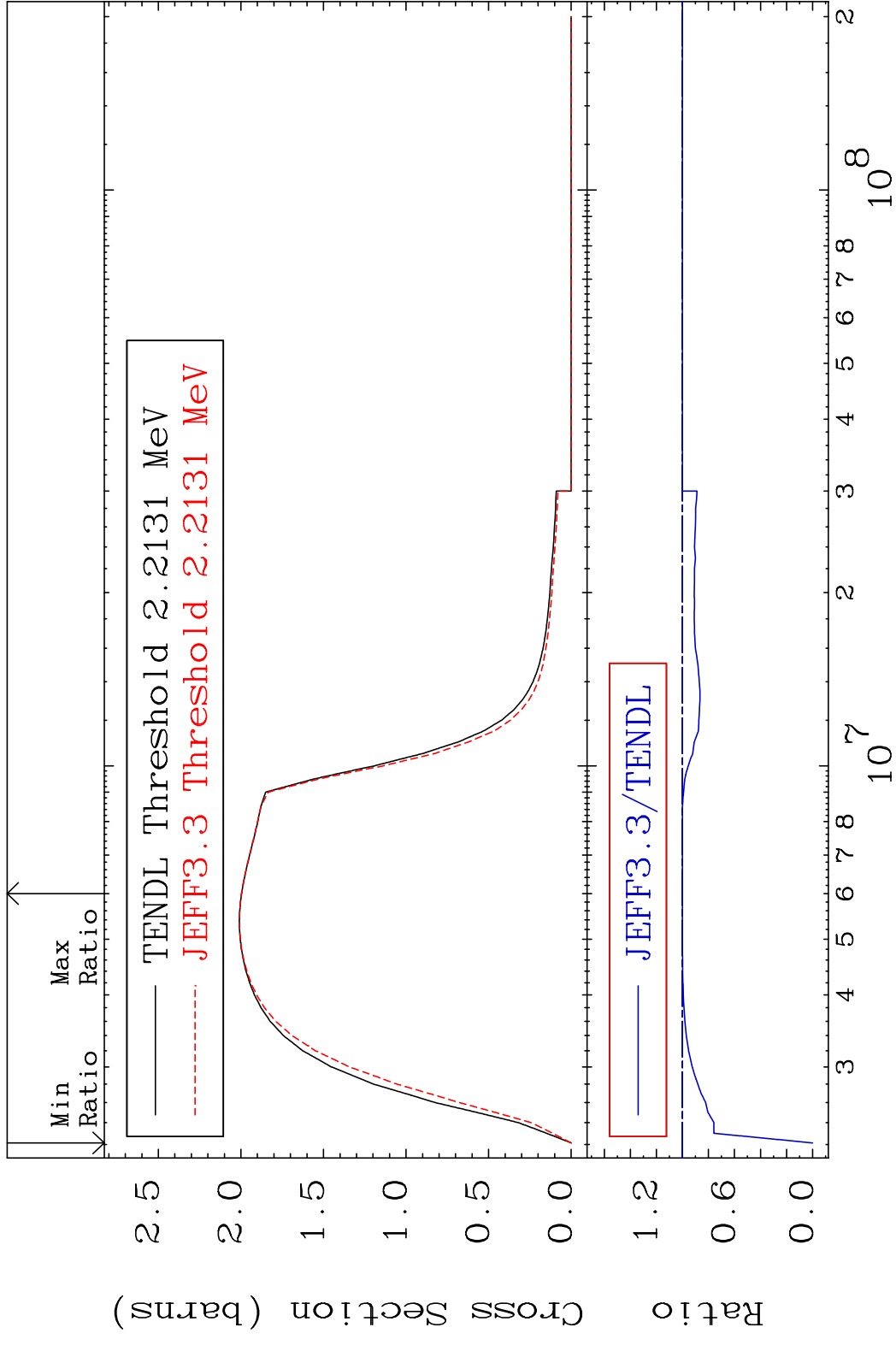
MAT 4649 MT= 79 (n, n') Level 46-Pd-110
 Cross Section -100.0 To 118.4 %



MAT 4649 MT= 80 (n, n') Level 46-Pd-110
 Cross Section -100.0 To 102.1 %



MAT 4649 (n, n') Continuum 46-Pd-110
 Cross Section -100.0 To 0.042 %

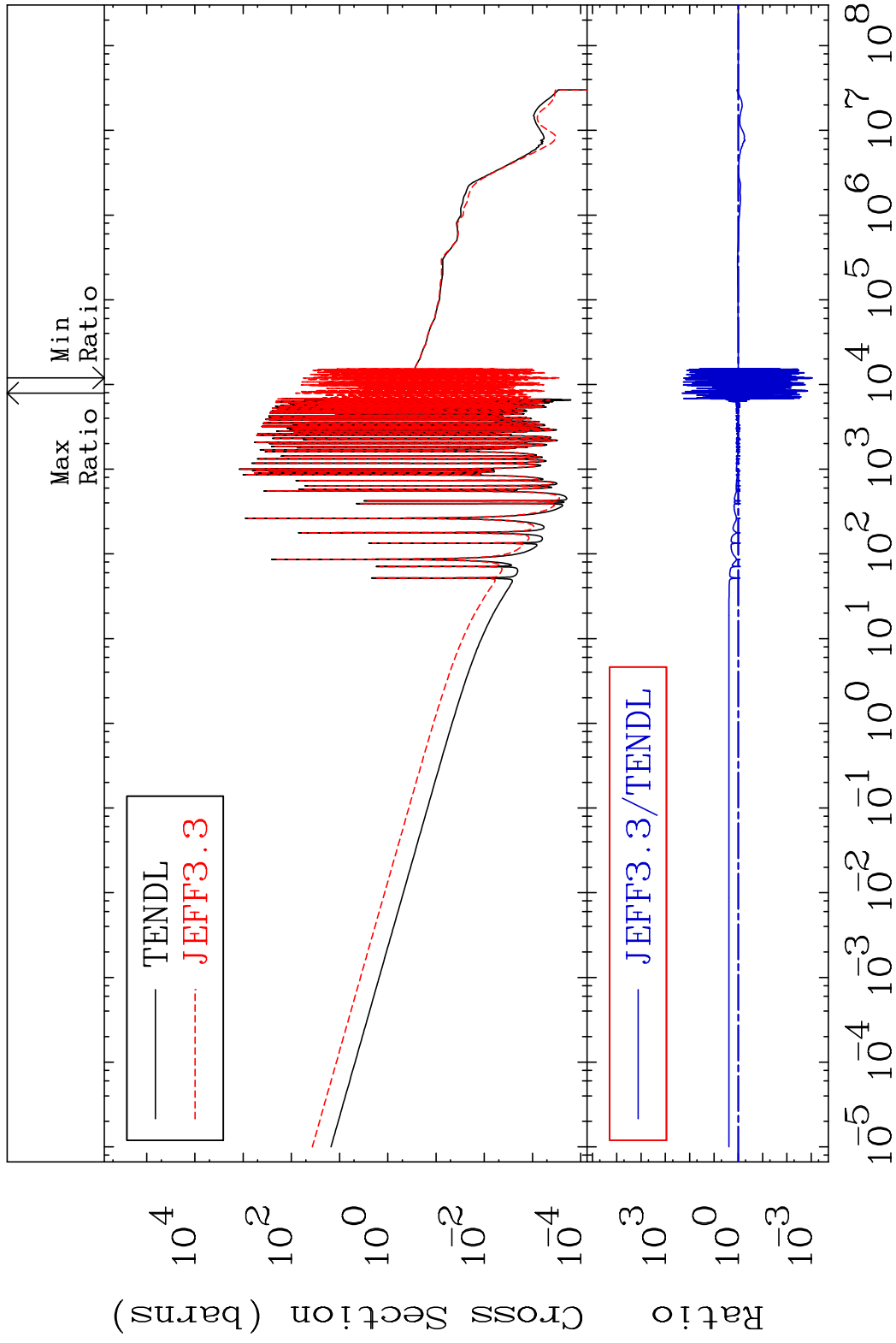


MAT 4649

(n, γ)

46-Pd-110

Cross Section -99.91 To 9999. %

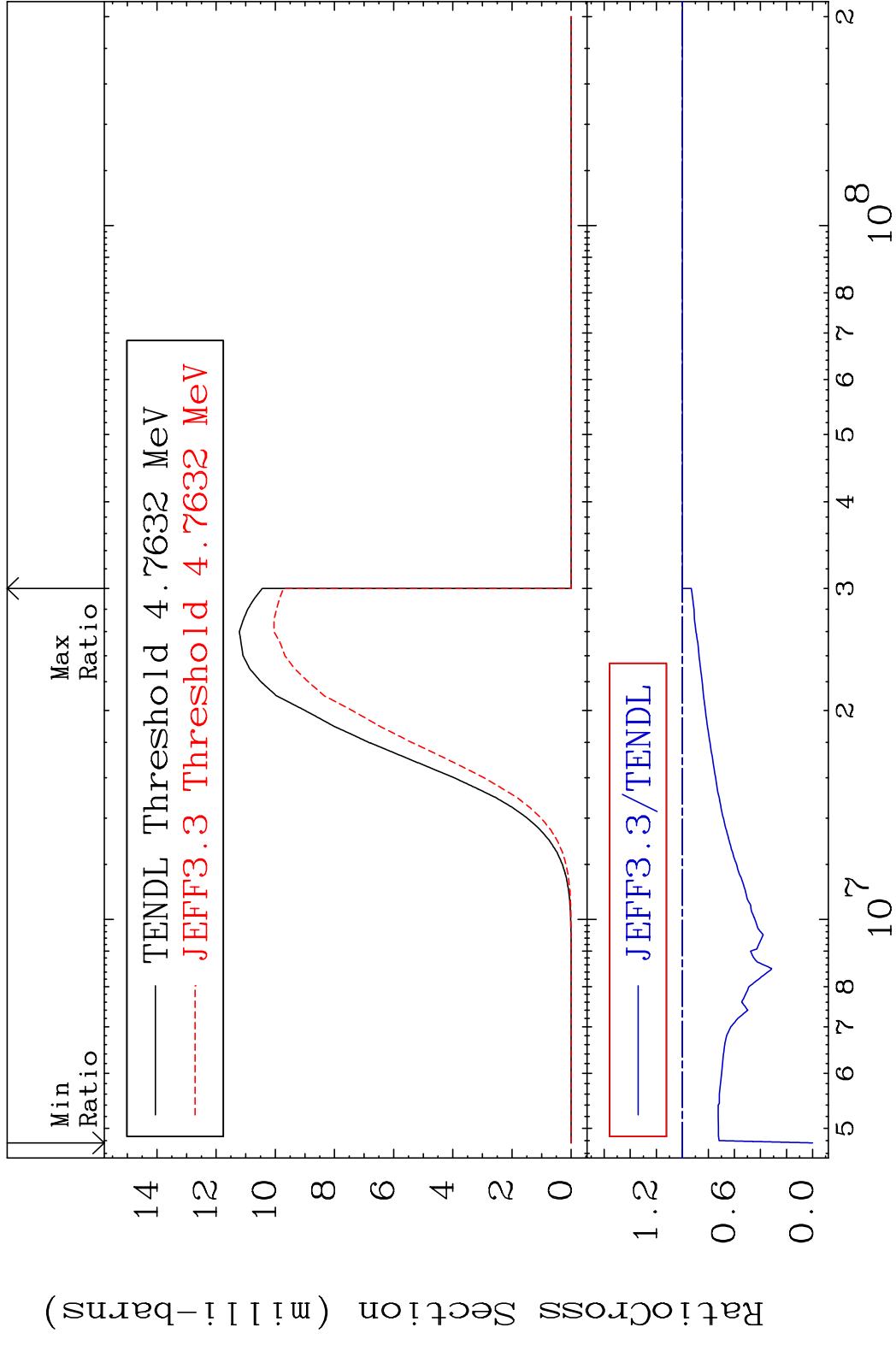


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Incident Energy (eV)

46-Pd-110

MAT 4649 (n,p) 46-Pd-110
 Cross Section -100.0 To 0.000 %

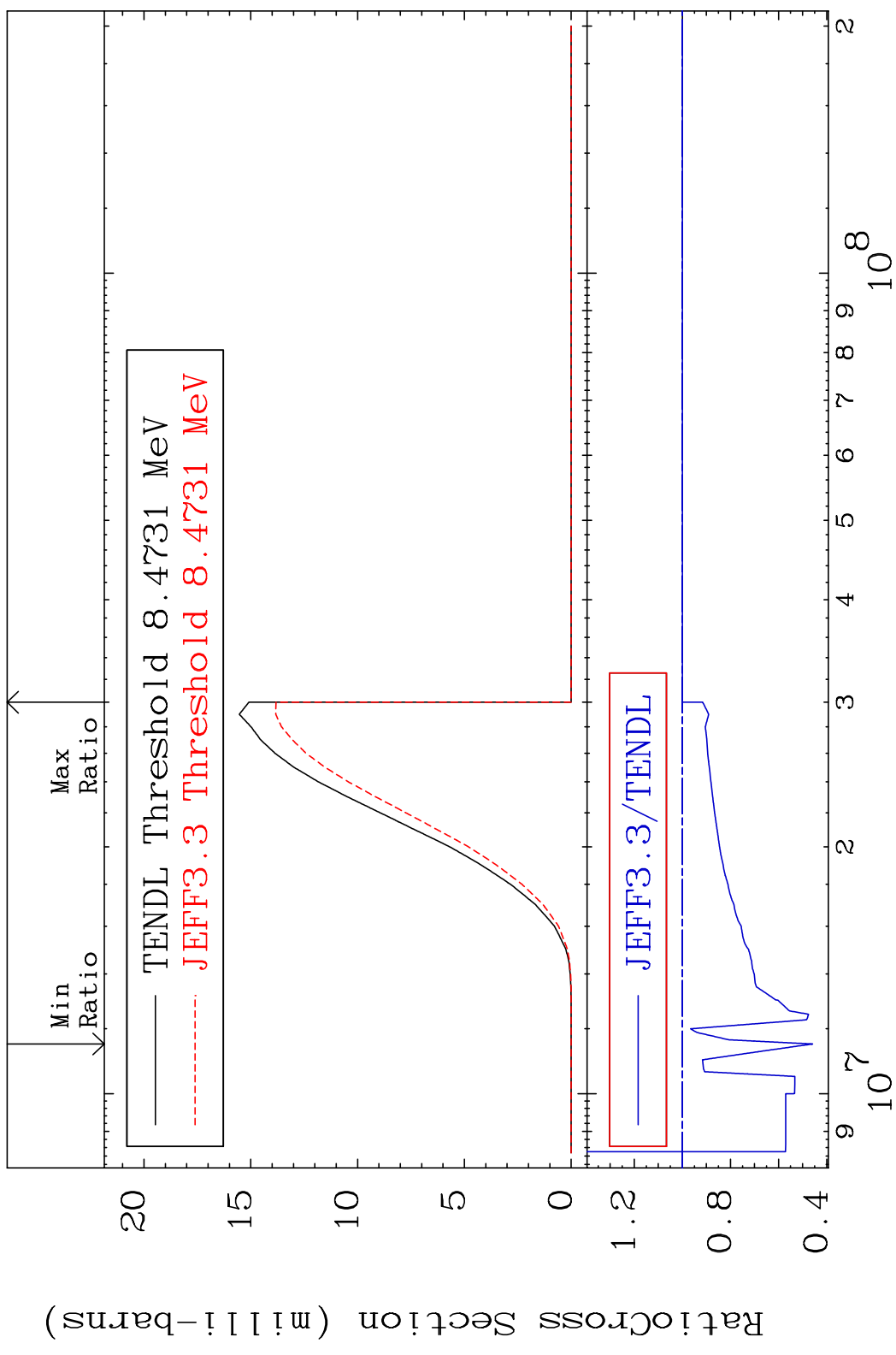


MAT 4649

(n, d)

46-Pd-110

Cross Section -54.13 To 0.000 %



51

Incident Energy (eV)

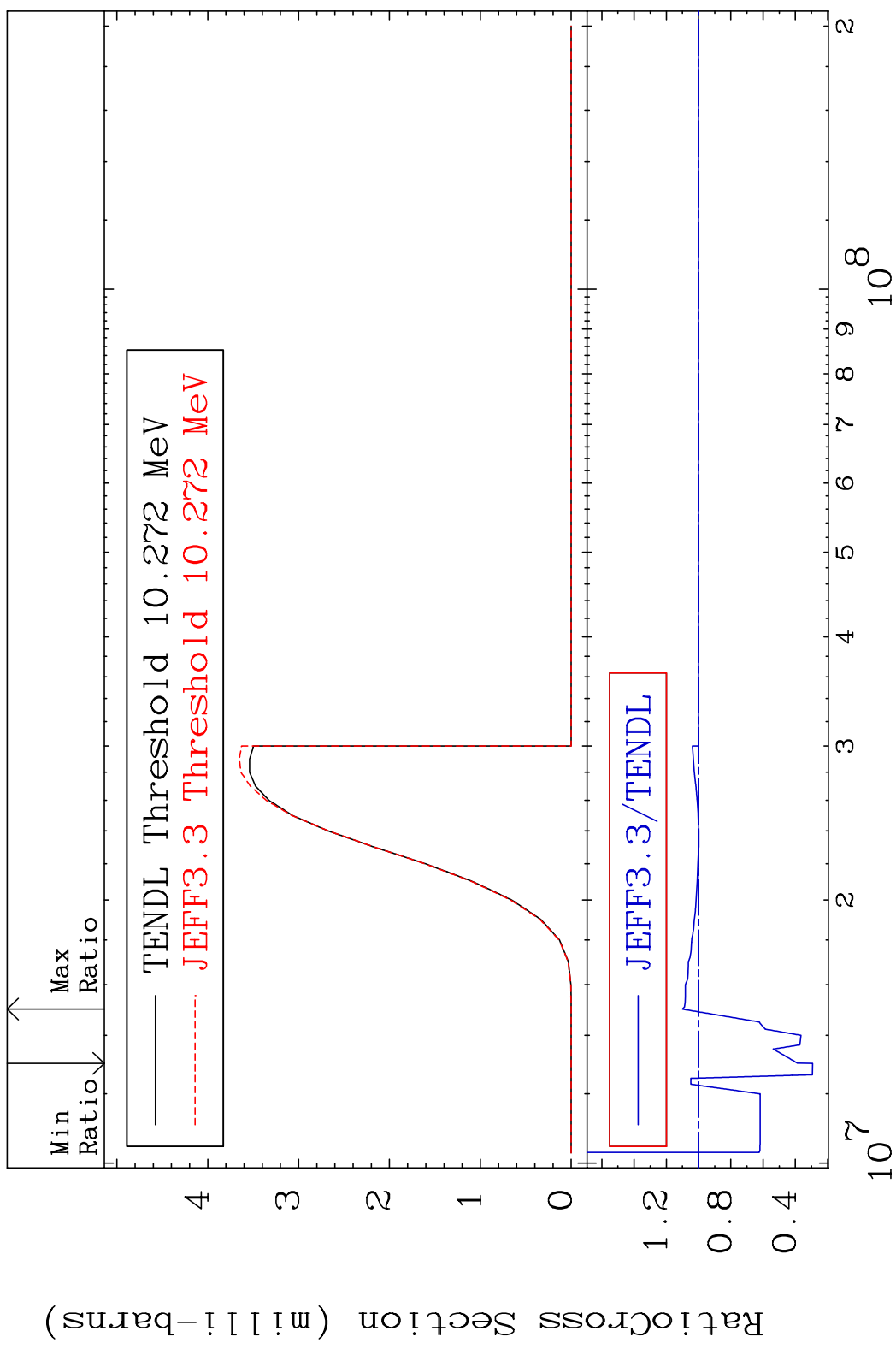
46-Pd-110

MAT 4649

(n, t)

46-Pd-110

Cross Section -70.68 To 10.06 %



52

Incident Energy (eV)

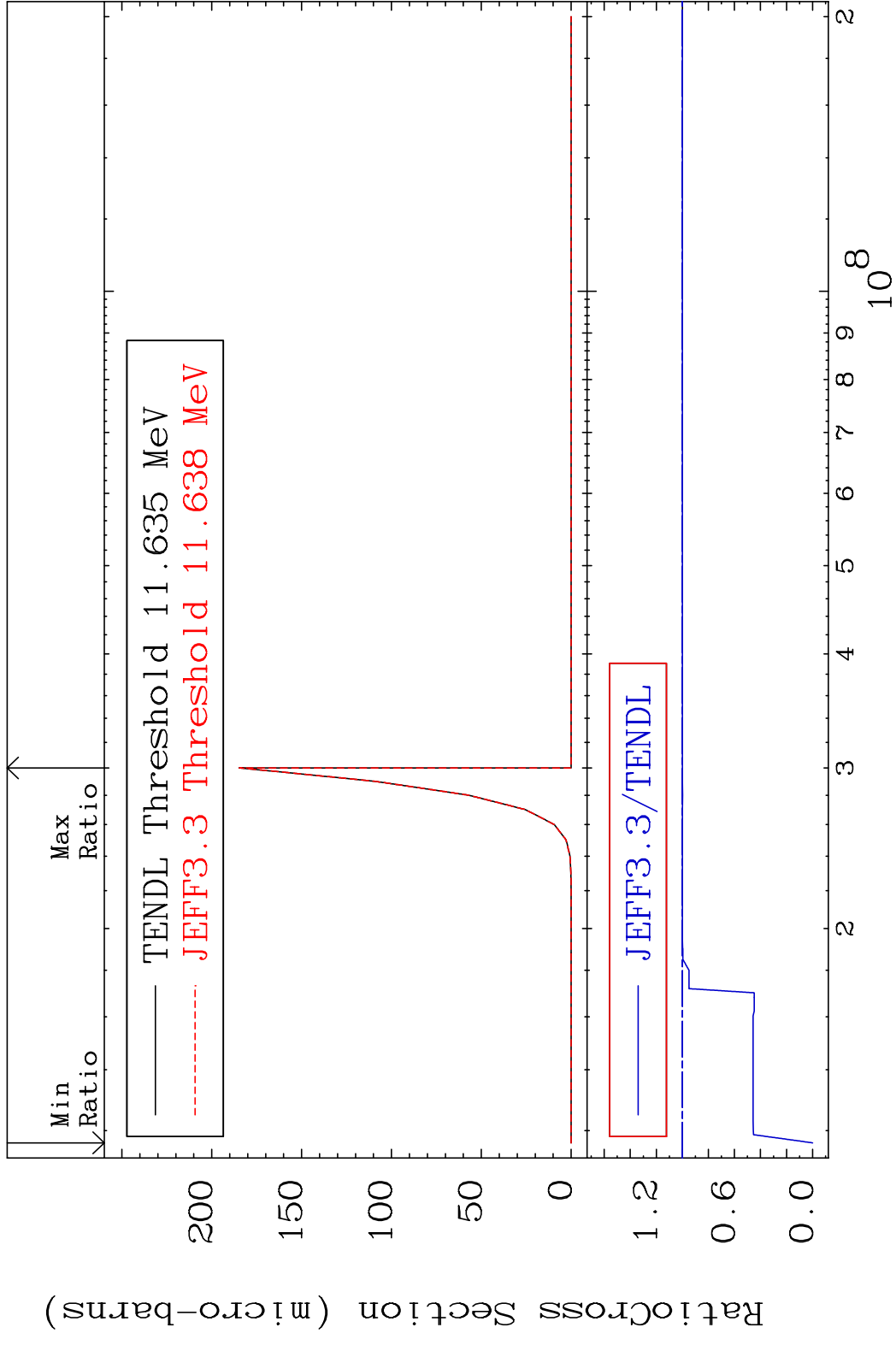
46-Pd-110

MAT 4649

(n, He-3)

46-Pd-110

Cross Section -100.0 To 0.000 %

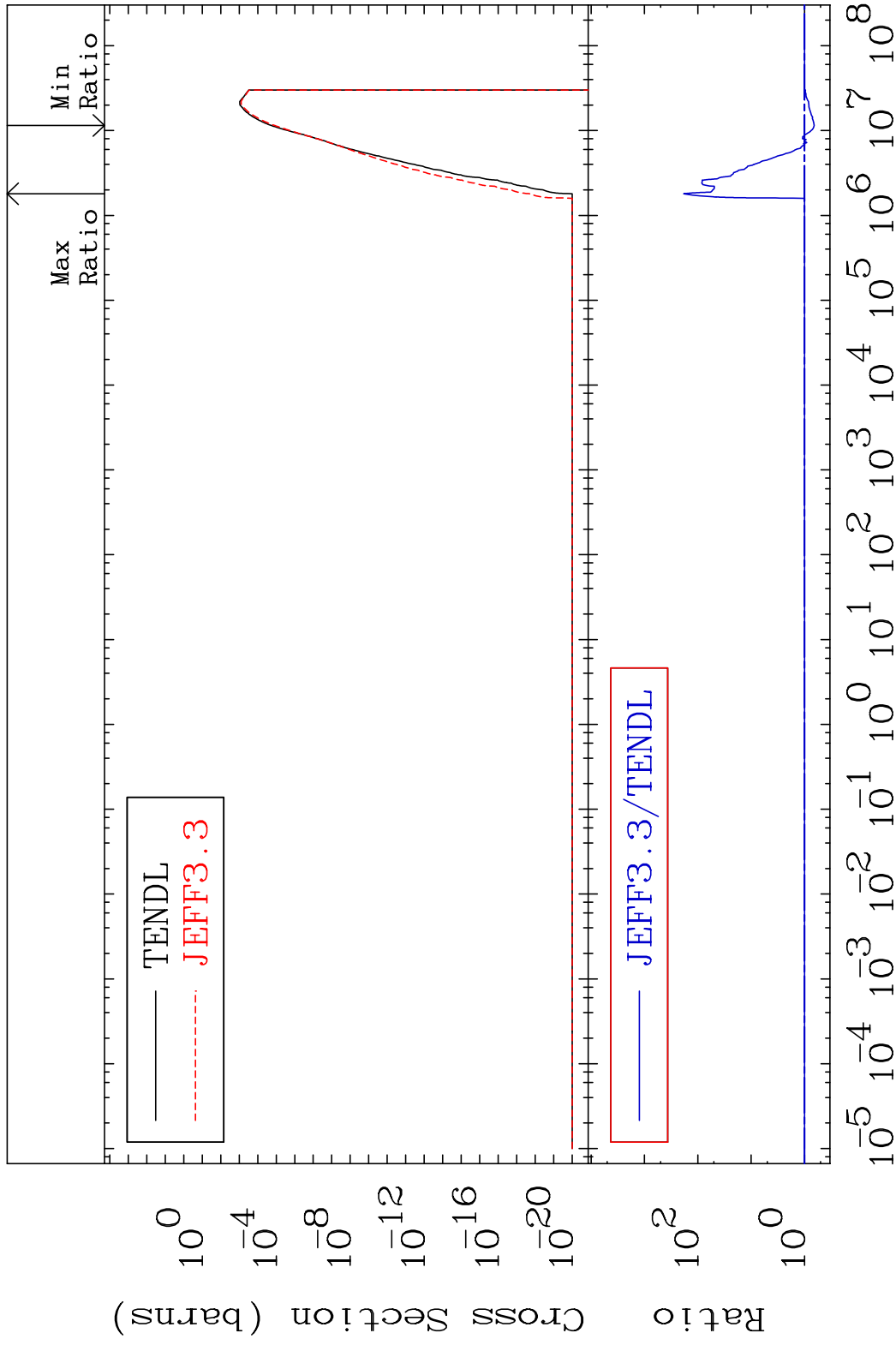


MAT 4649

(n, α)

46-Pd-110

Cross Section -33.81 To 9999. %



54

Incident Energy (eV)

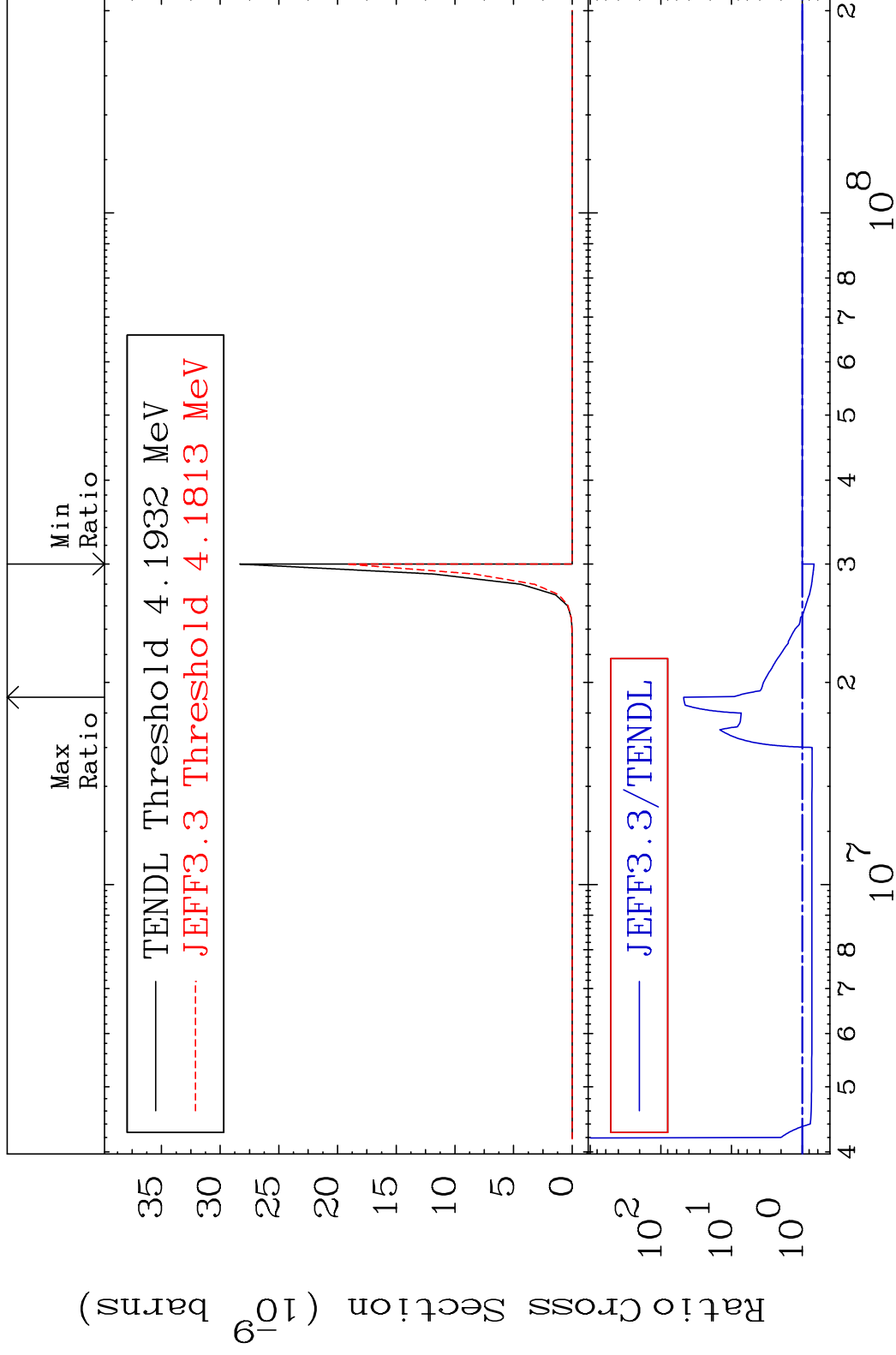
46-Pd-110

MAT 4649

(n,2α)

46-Pd-110

Cross Section -32.10 To 4660. %

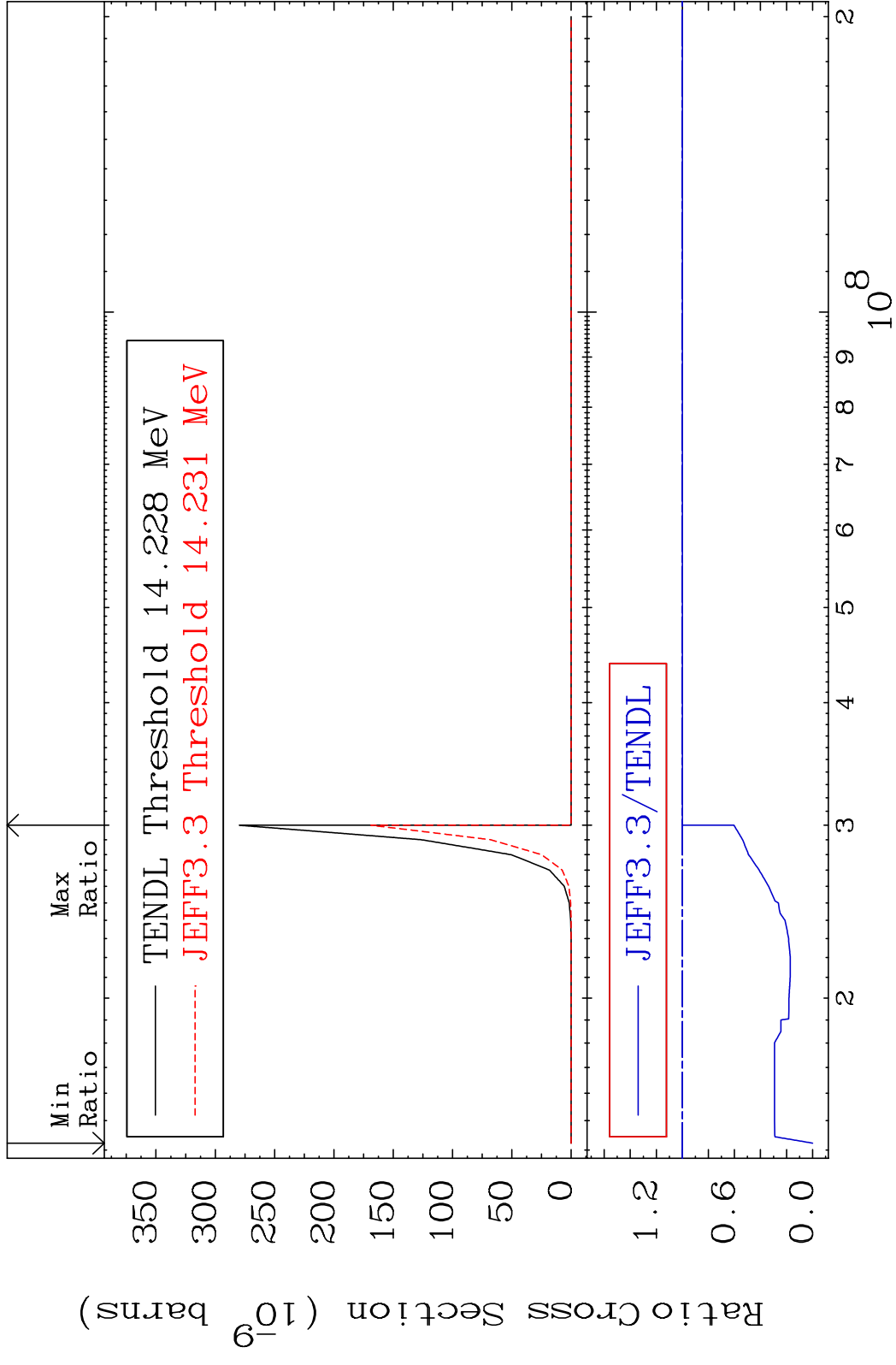


55

Incident Energy (eV)

46-Pd-110

MAT 4649 (n,2p) 46-Pd-110
 Cross Section -100.0 To 0.000 %

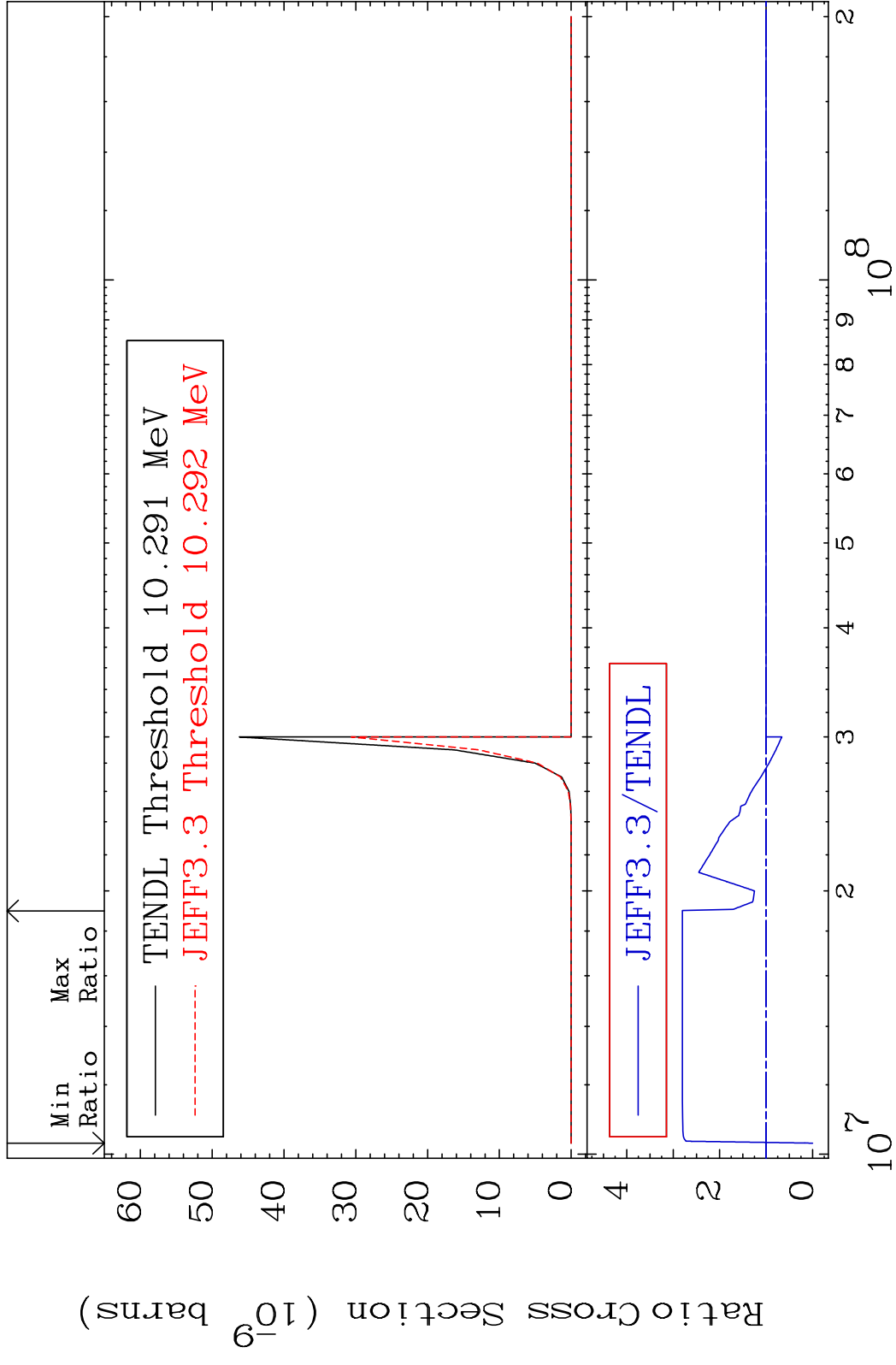


MAT 4649

(n,p) α

46-Pd-110

Cross Section -100.0 To 180.3 %

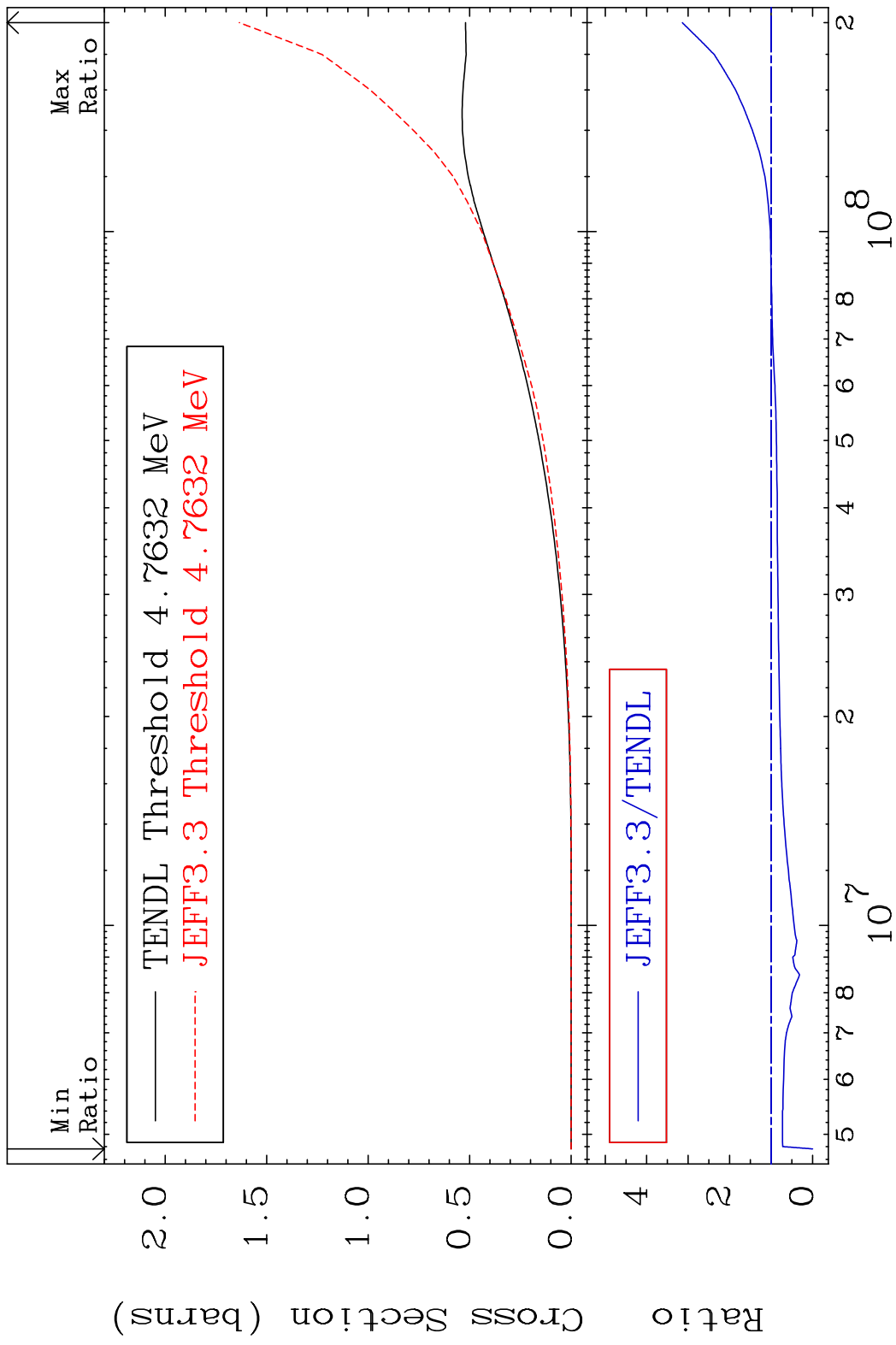


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Incident Energy (eV)

46-Pd-110

MAT 4649 Hydrogen Production 46-Pd-110
 Cross Section -100.0 To 214.0 %

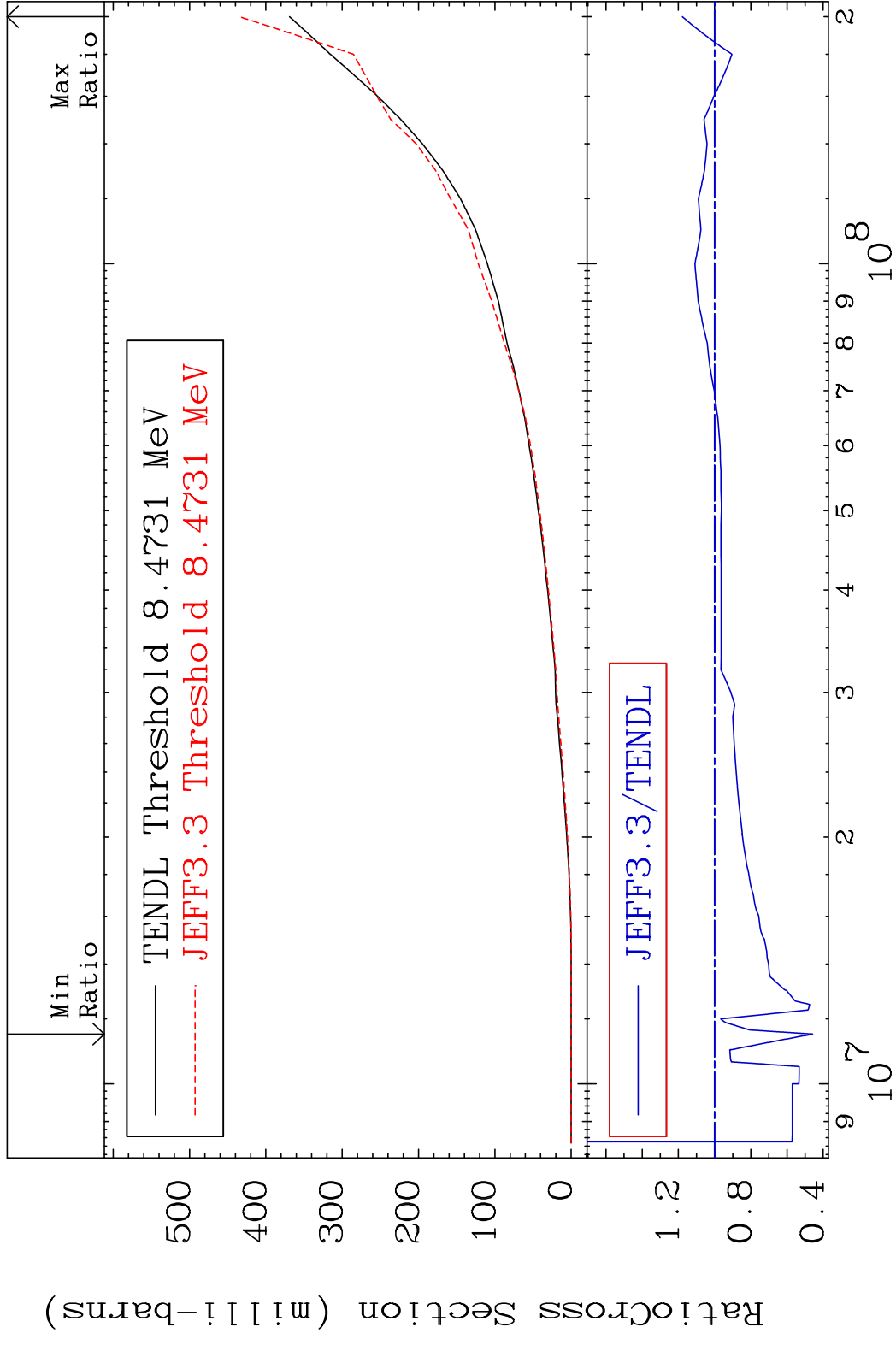


MAT 4649

Deuterium Production

46-Pd-110

Cross Section -54.13 To 17.81 %

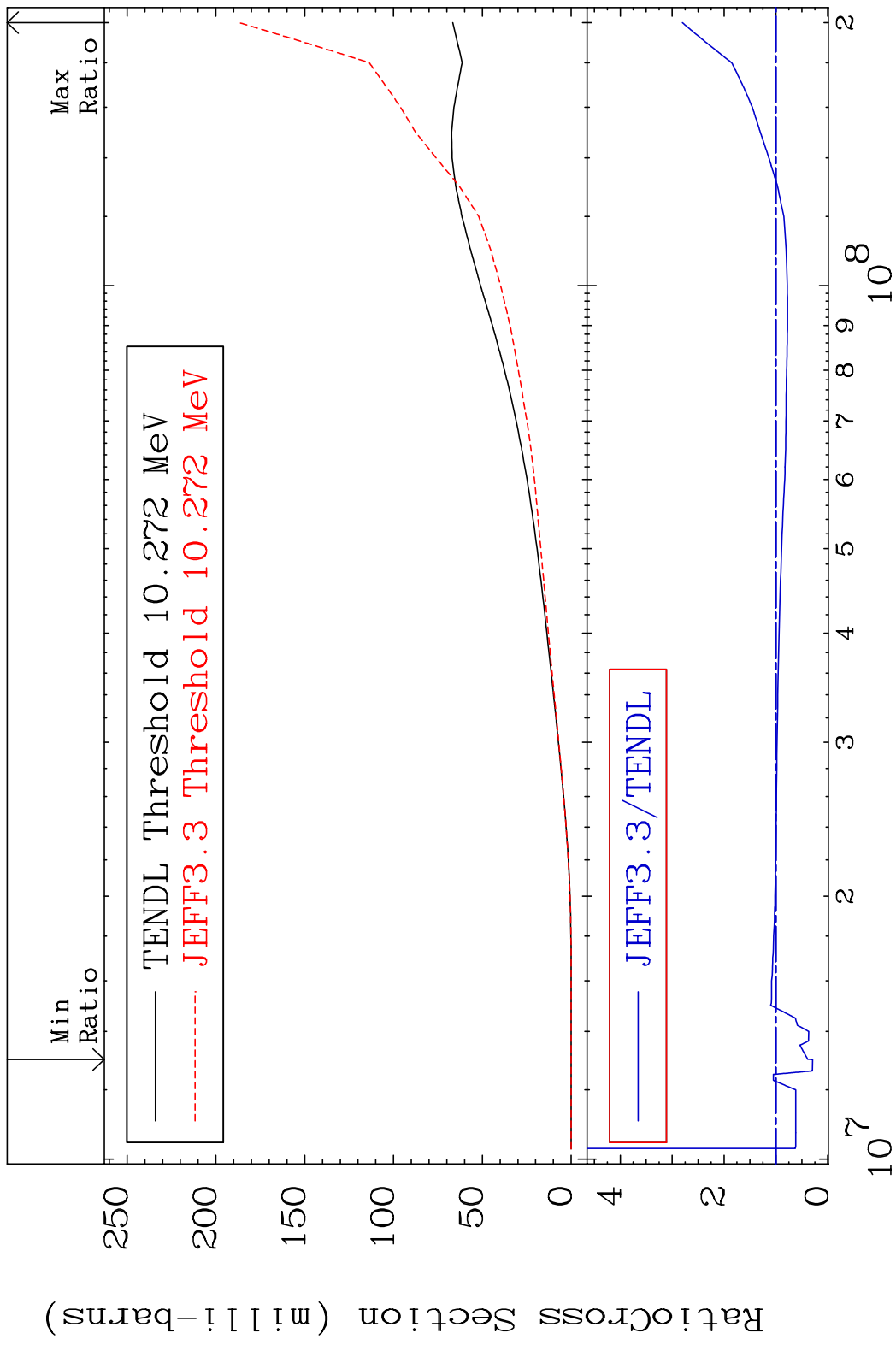


59

Incident Energy (eV)

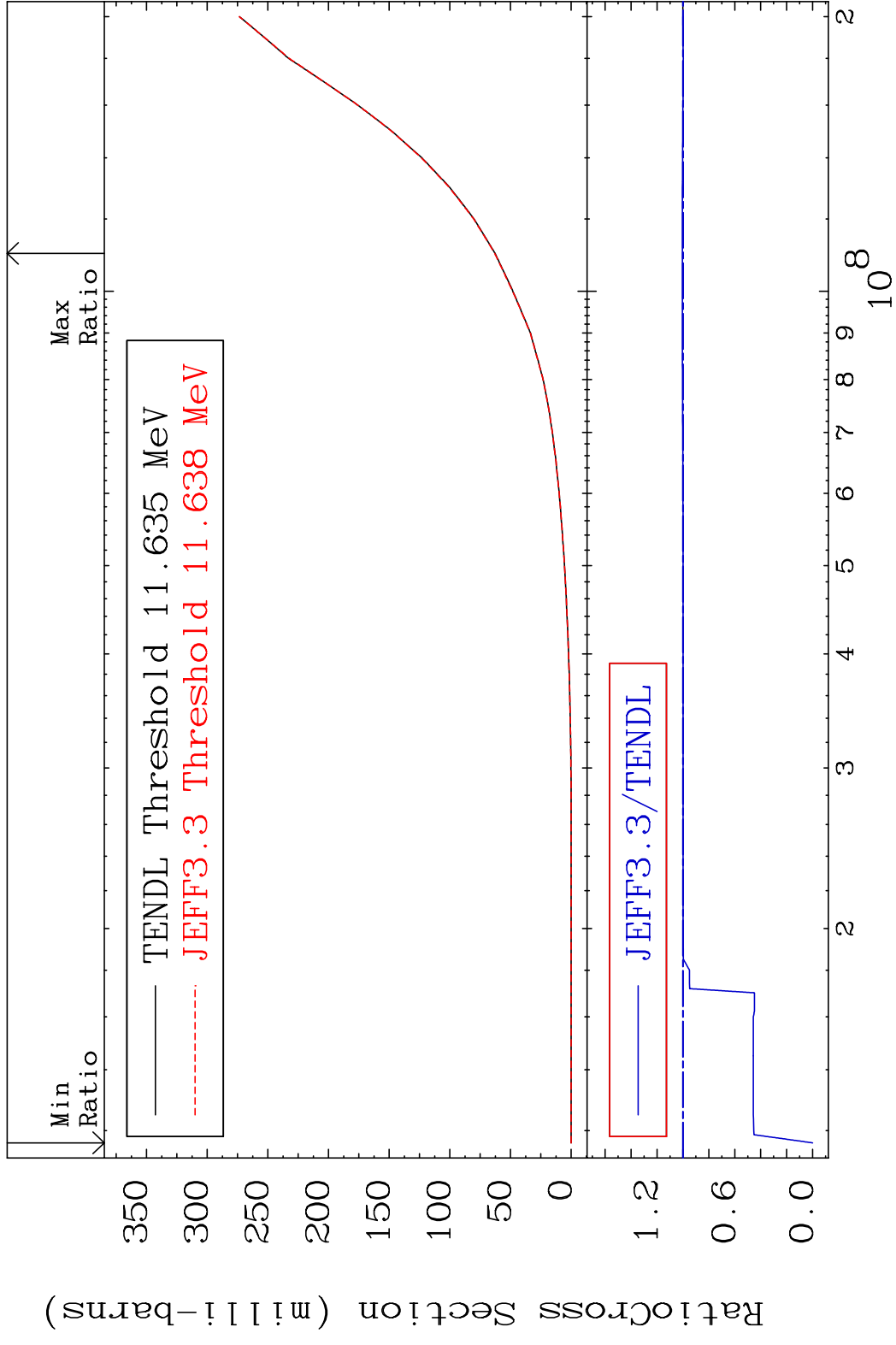
46-Pd-110

MAT 4649 Tritium Production 46-Pd-110
 Cross Section -70.68 To 180.3 %



60 46-Pd-110

MAT 4649 He-3 Production 46-Pd-110
 Cross Section -100.0 To 0.463 %

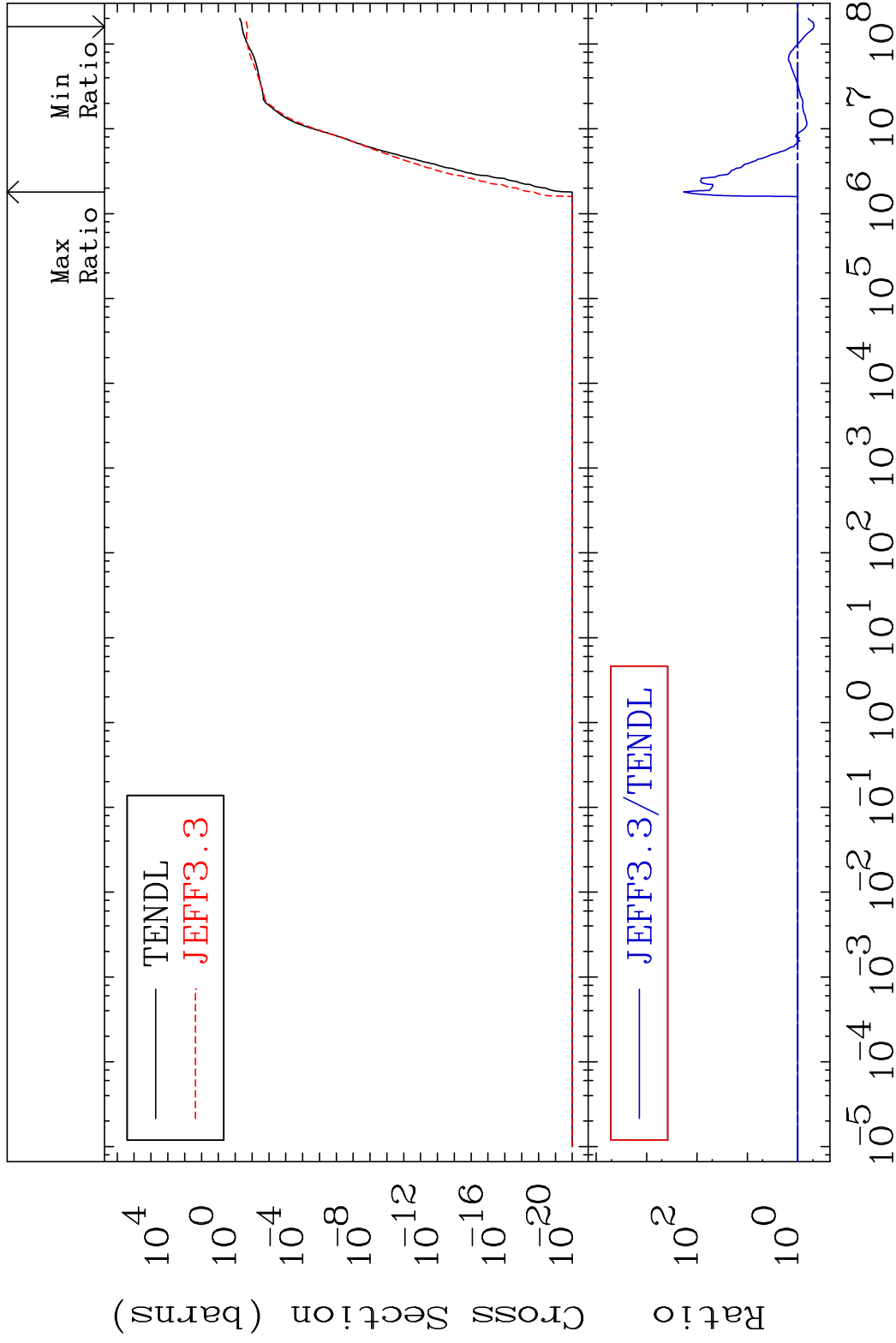


MAT 4649

He-4 Production

46-Pd-110

Cross Section -52.51 To 9999. %

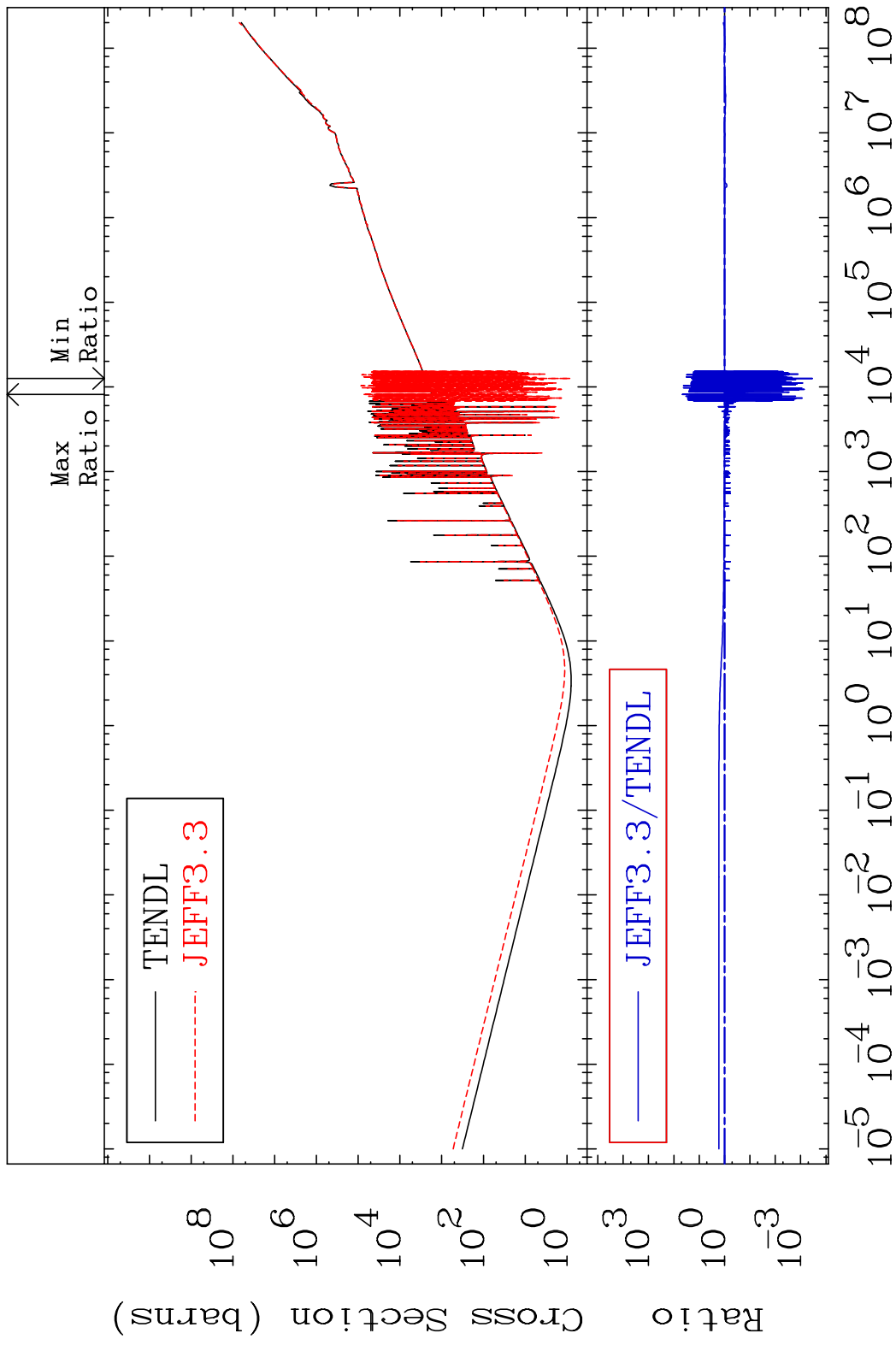


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Incident Energy (eV)

46-Pd-110

MAT 4649 Kerma total (eV-barns) 46-Pd-110
 Cross Section -99.97 To 4522. %

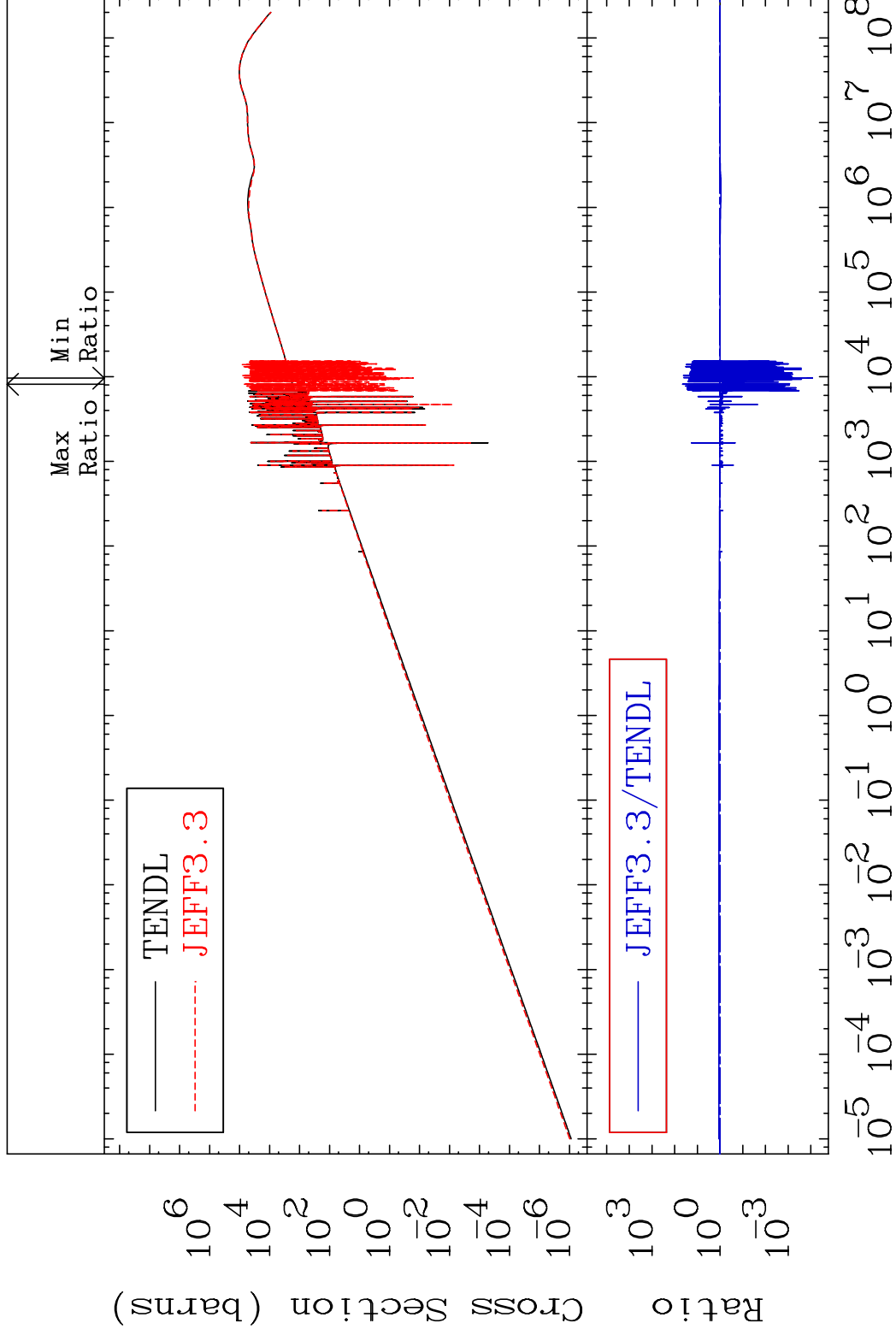


63 Incident Energy (eV) 46-Pd-110

MAT 4649

Kerma elastic
Cross Section

46-Pd-110
-99.99 To 4499. %

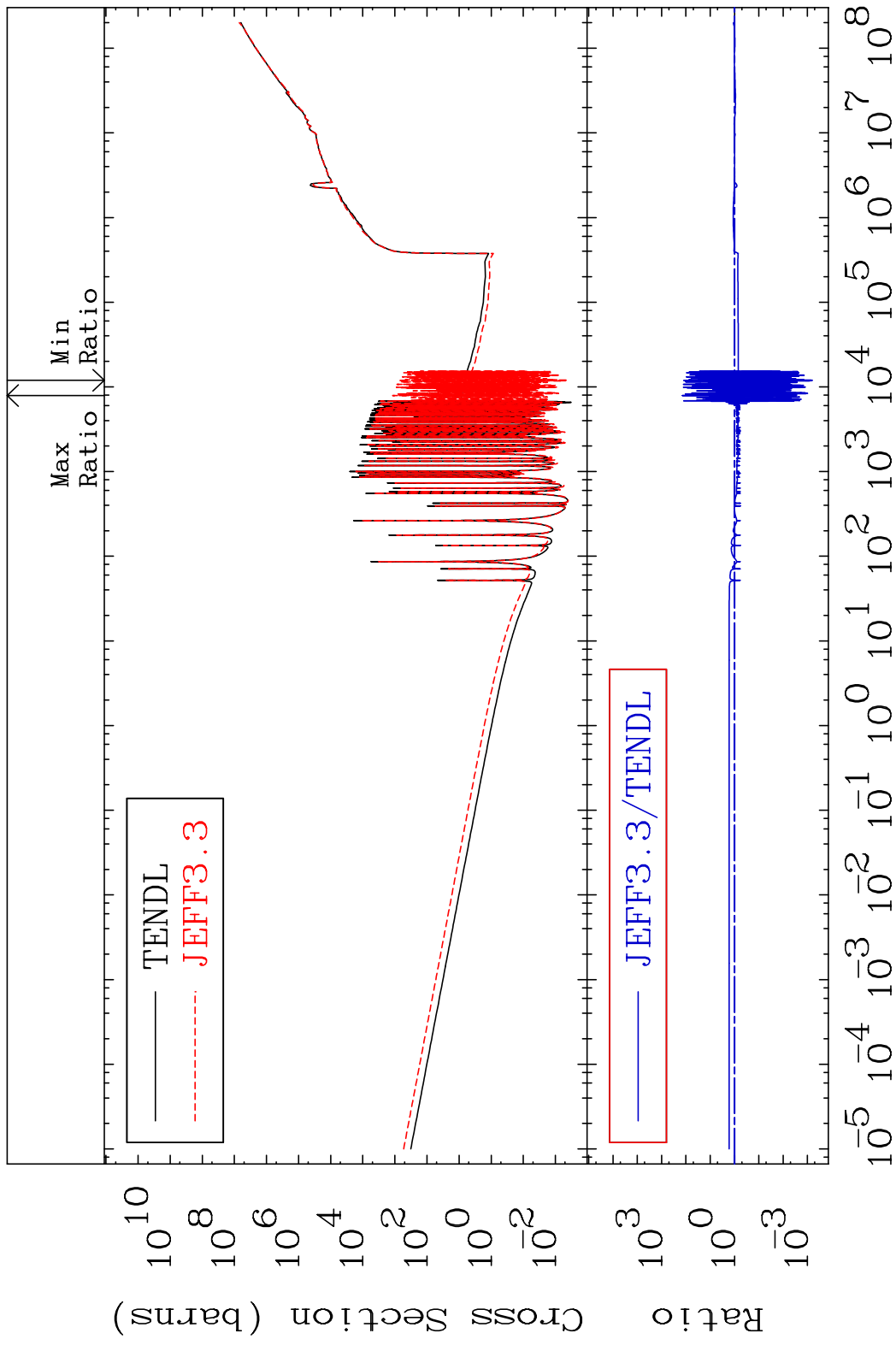


64

Incident Energy (eV)

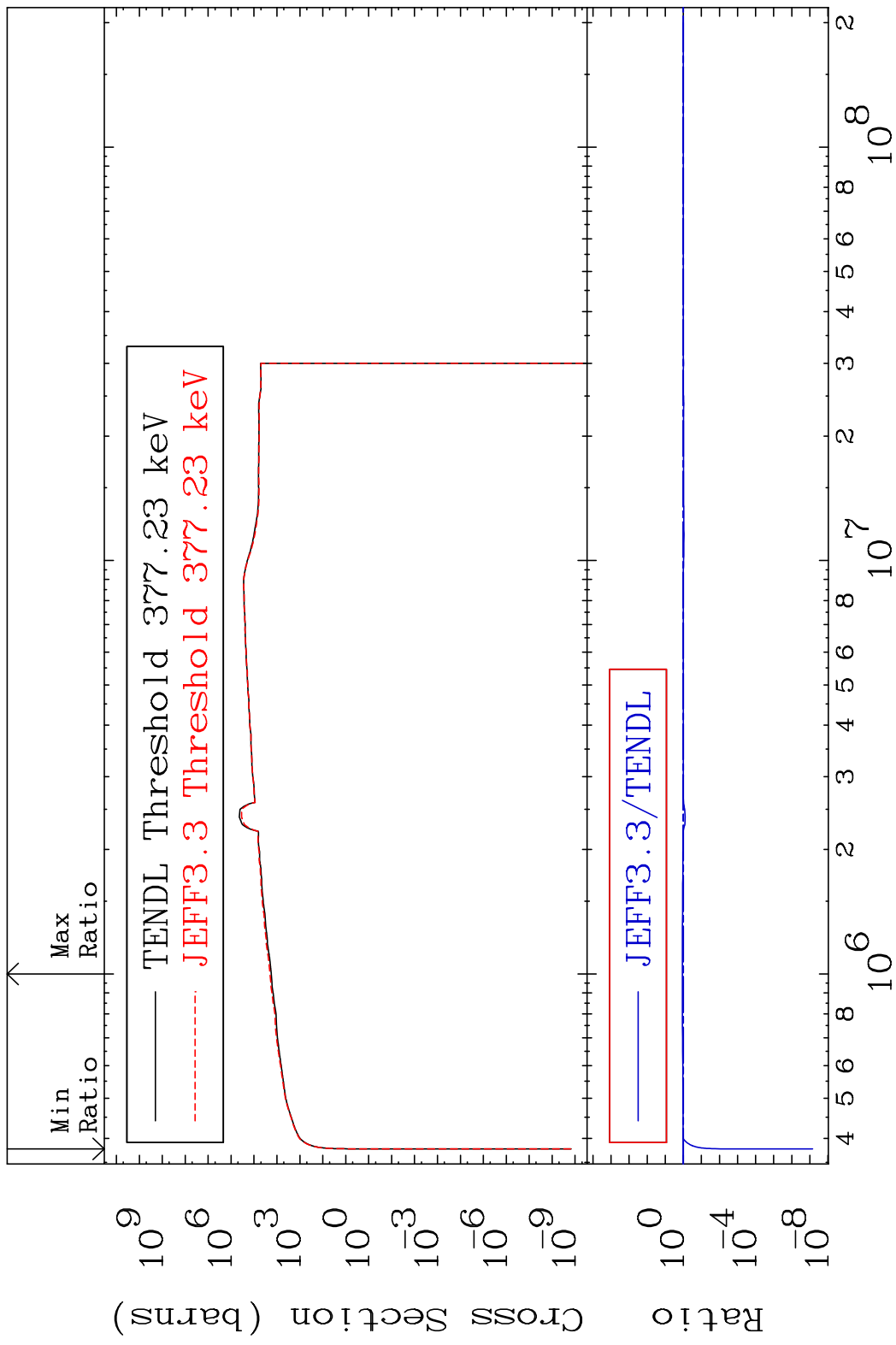
46-Pd-110

MAT 4649 Kerma non-elastic (all but mt2) 46-Pd-110
 Cross Section -99.94 To 9999. %

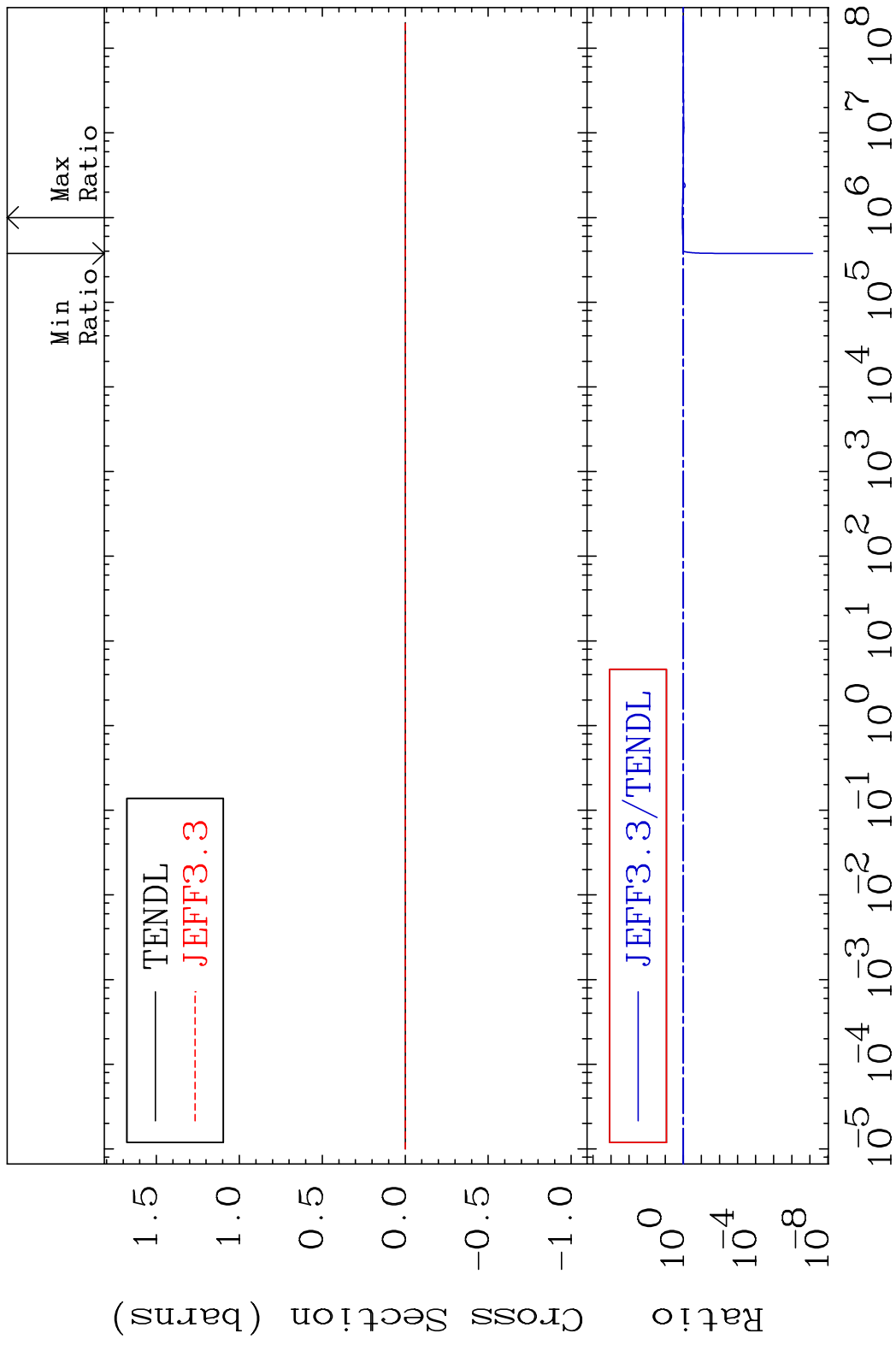


65 Incident Energy (eV) 46-Pd-110

MAT 4649 Kerma inelastic (mt51-91) 46-Pd-110
 Cross Section -100.0 To 12.95 %

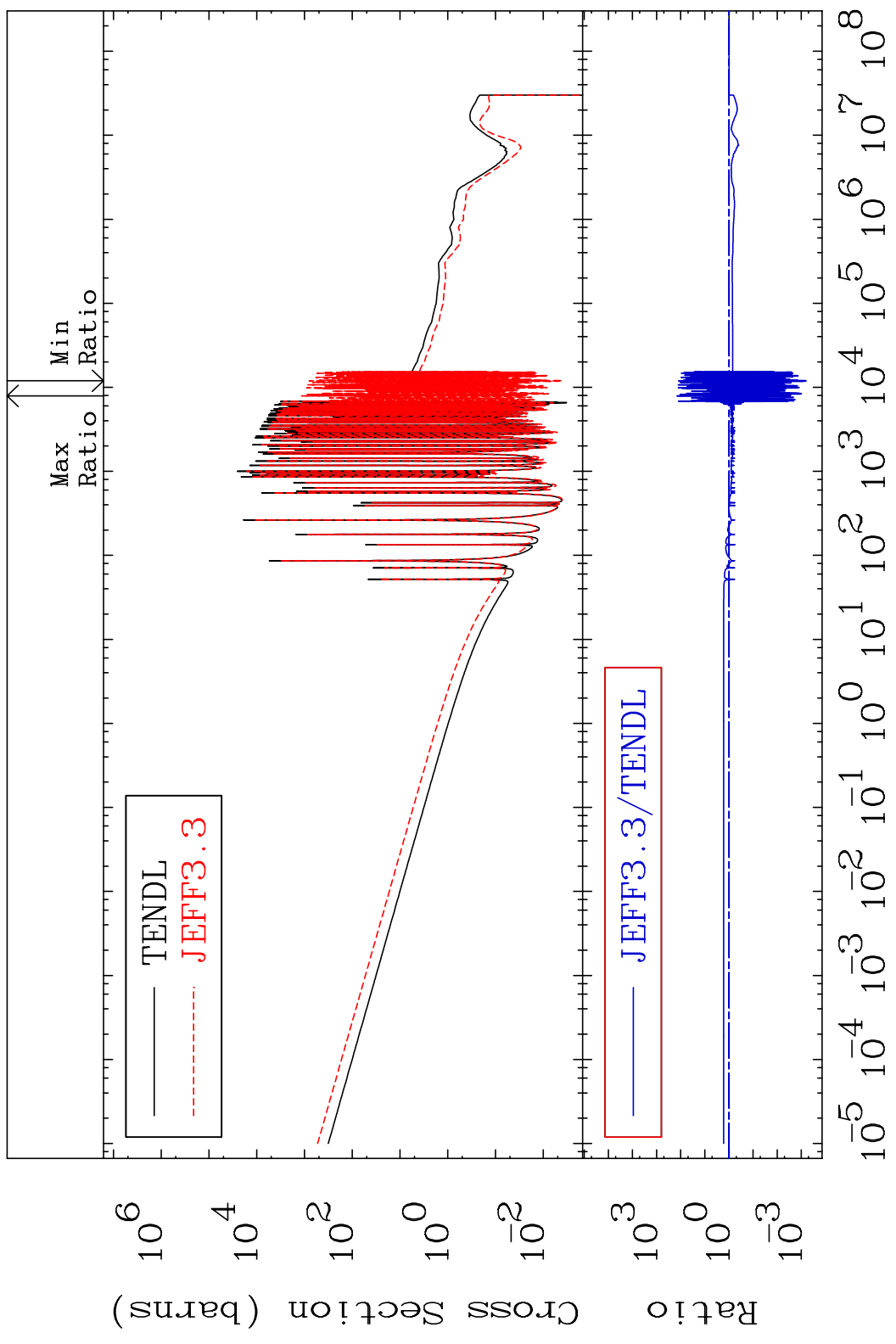


MAT 4649 Kerma fission (mt18 or mt19-20-21-38) 46-Pd-110
 Cross Section -100.0 To 12.95 %

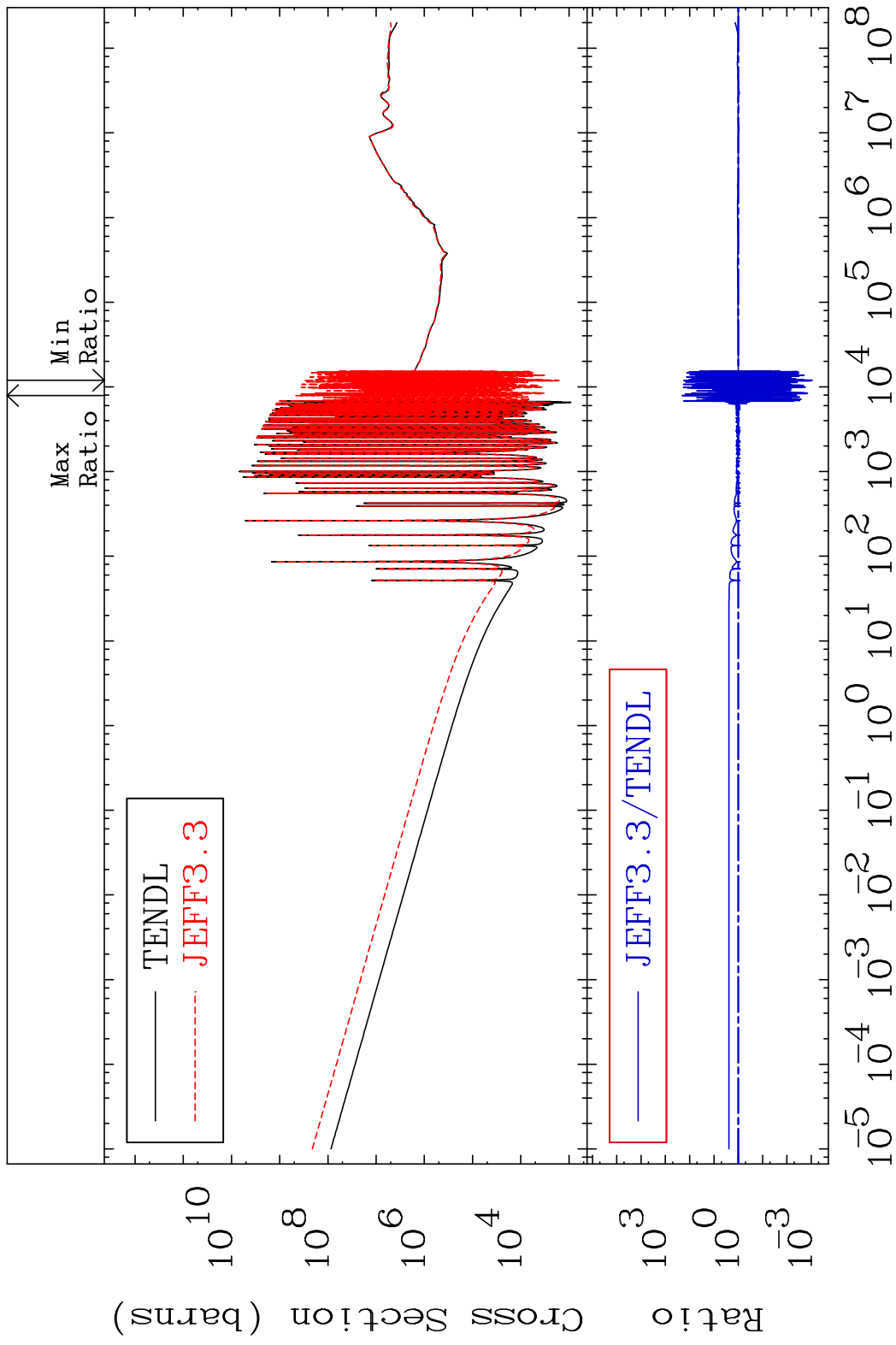


MAT 4649

Kerma capture (mt102) 46-Pd-110
Cross Section -99.94 To 9999. %

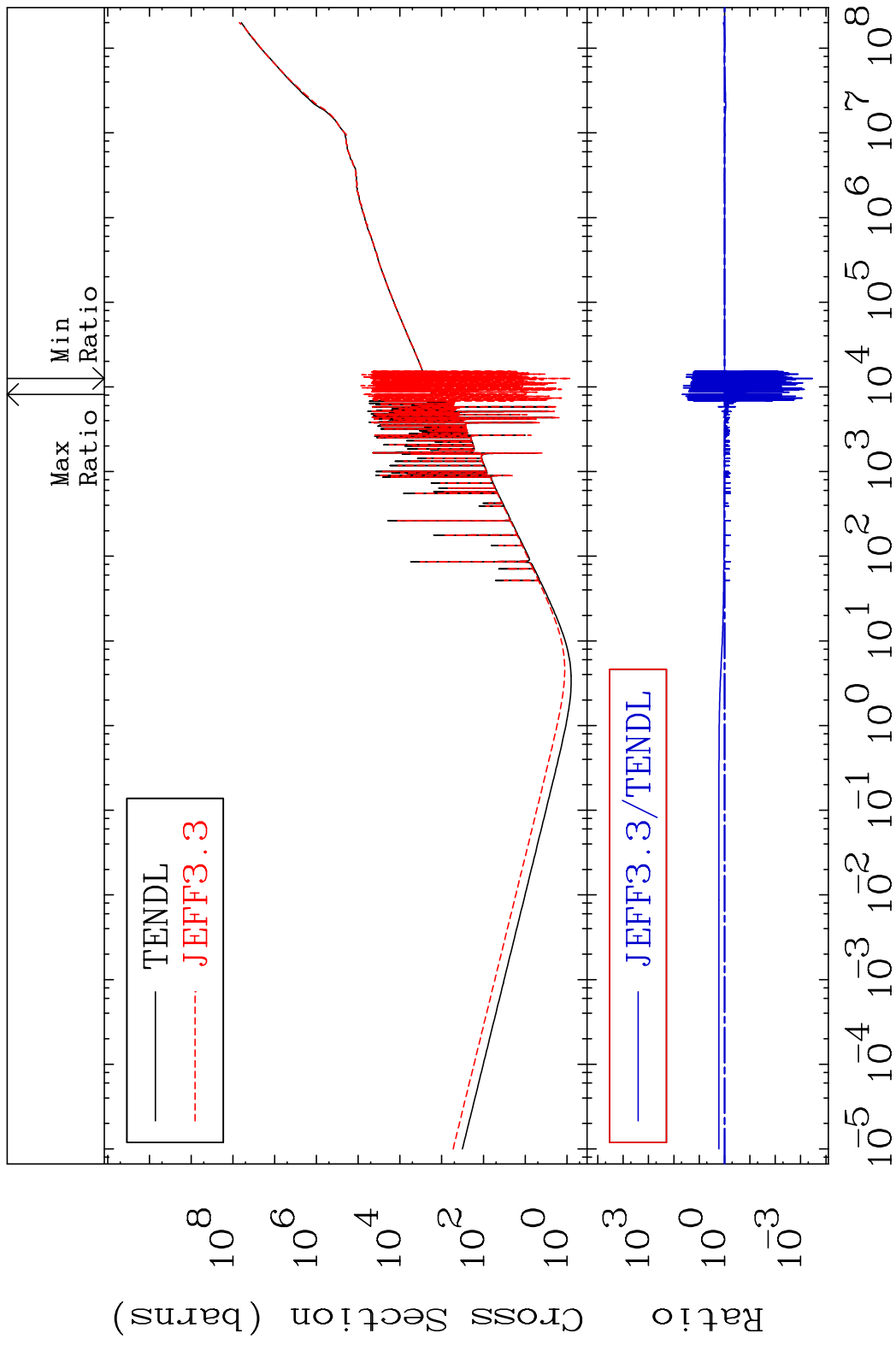


MAT 4649 Total photon (eV-barns) 46-Pd-110
Cross Section -99.91 To 9999. %



69 Incident Energy (eV) 46-Pd-110

MAT 4649 Total kinematic kerma (high limit) 46-Pd-110
Cross Section -99.97 To 4522. %



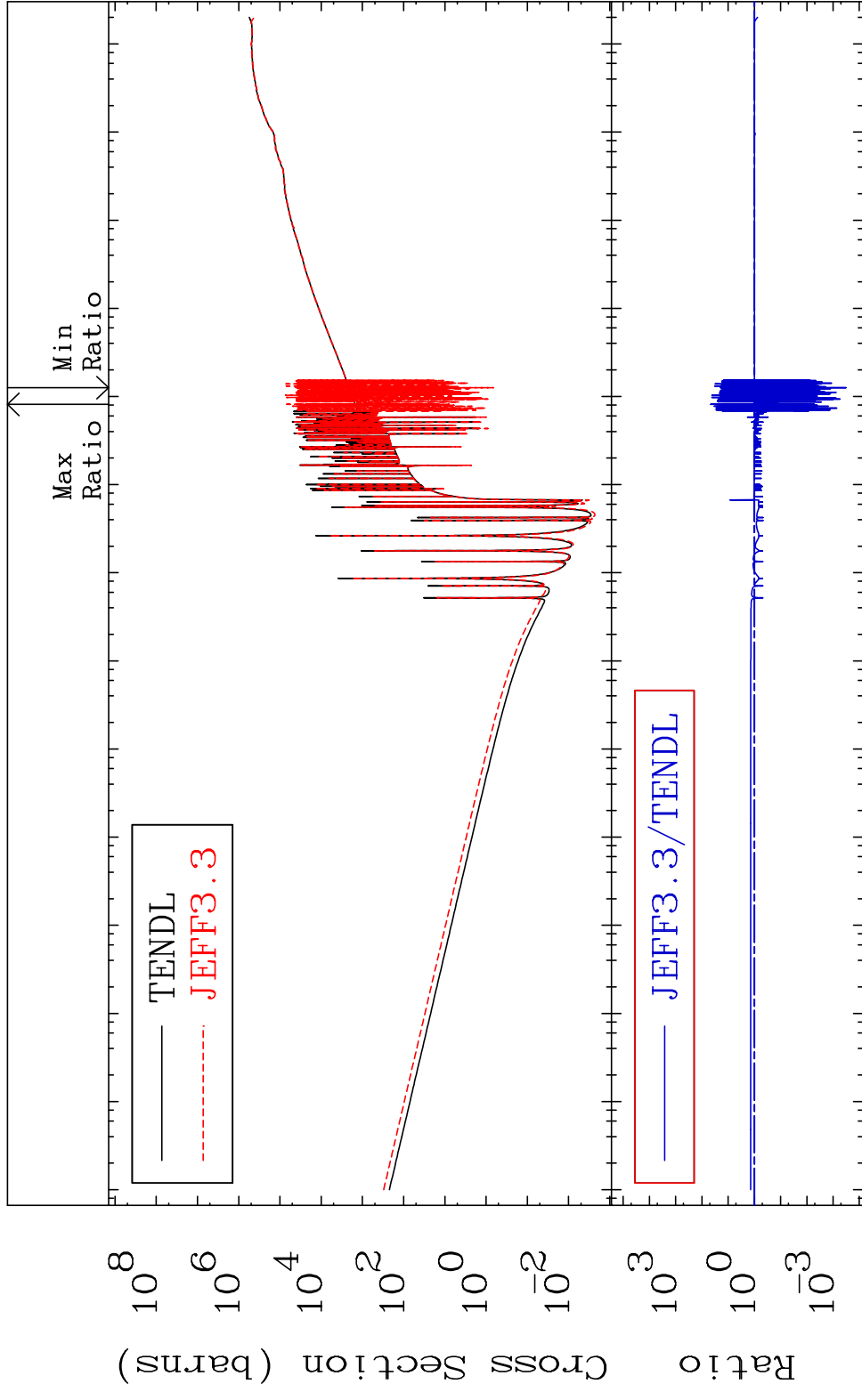
70 Incident Energy (eV) 46-Pd-110

MAT 4649

Dpa total (eV-barns)

46-Pd-110

Cross Section -99.97 To 4511. %



71

Incident Energy (eV)

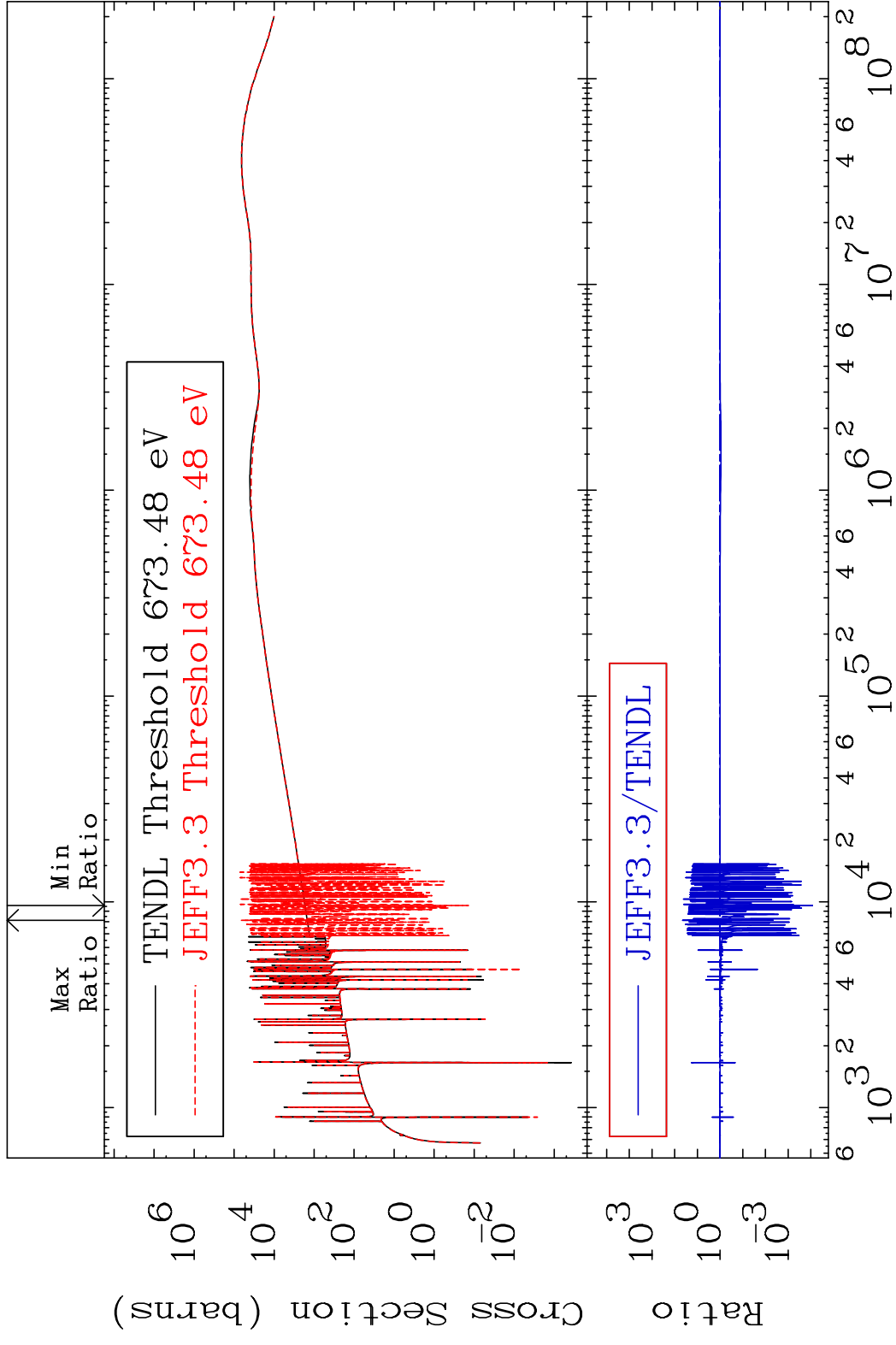
46-Pd-110

MAT 4649

Dpa elastic (mt2)

46-Pd-110

Cross Section -99.99 To 4499. %

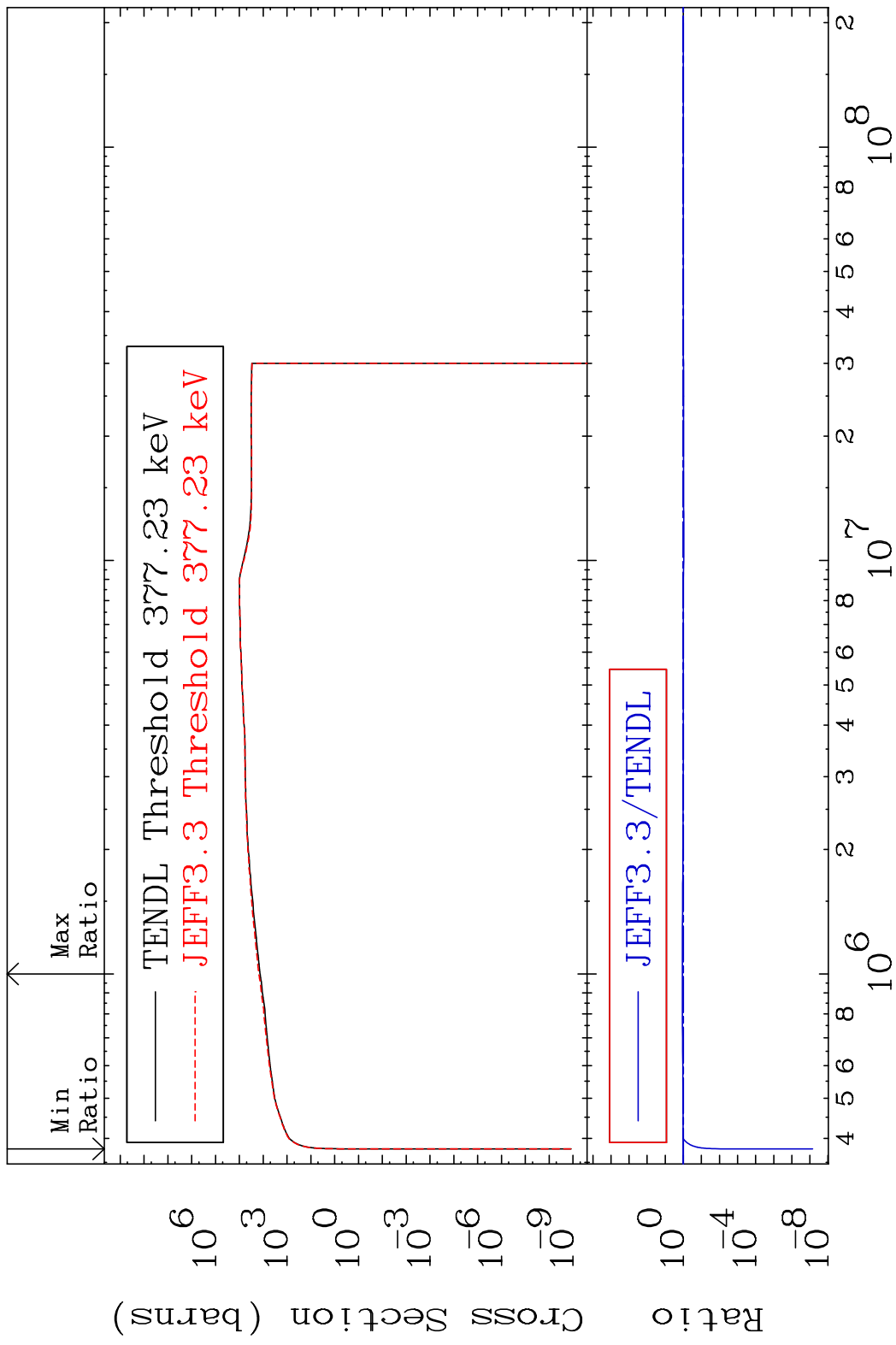


72

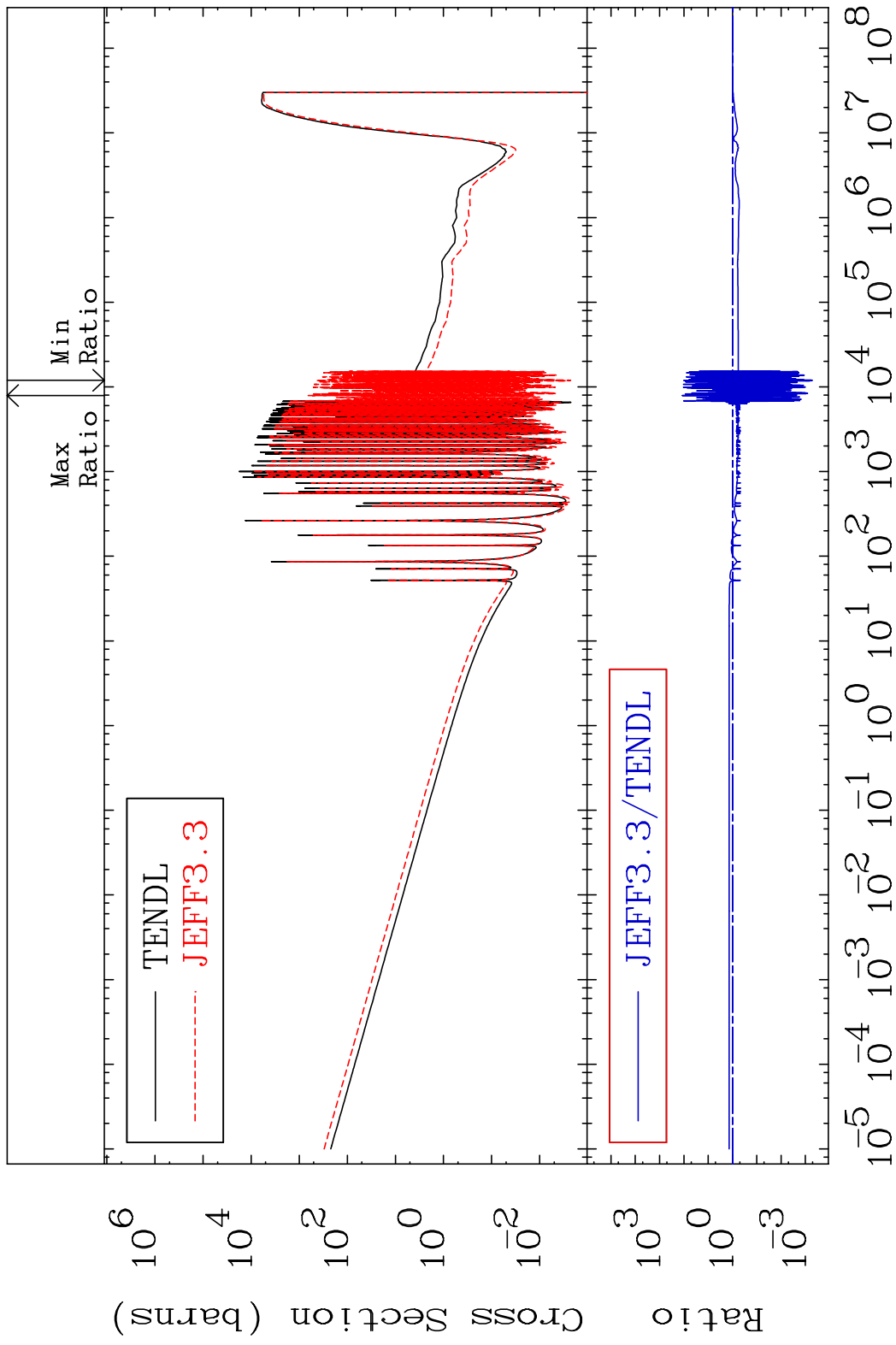
Incident Energy (eV)

46-Pd-110

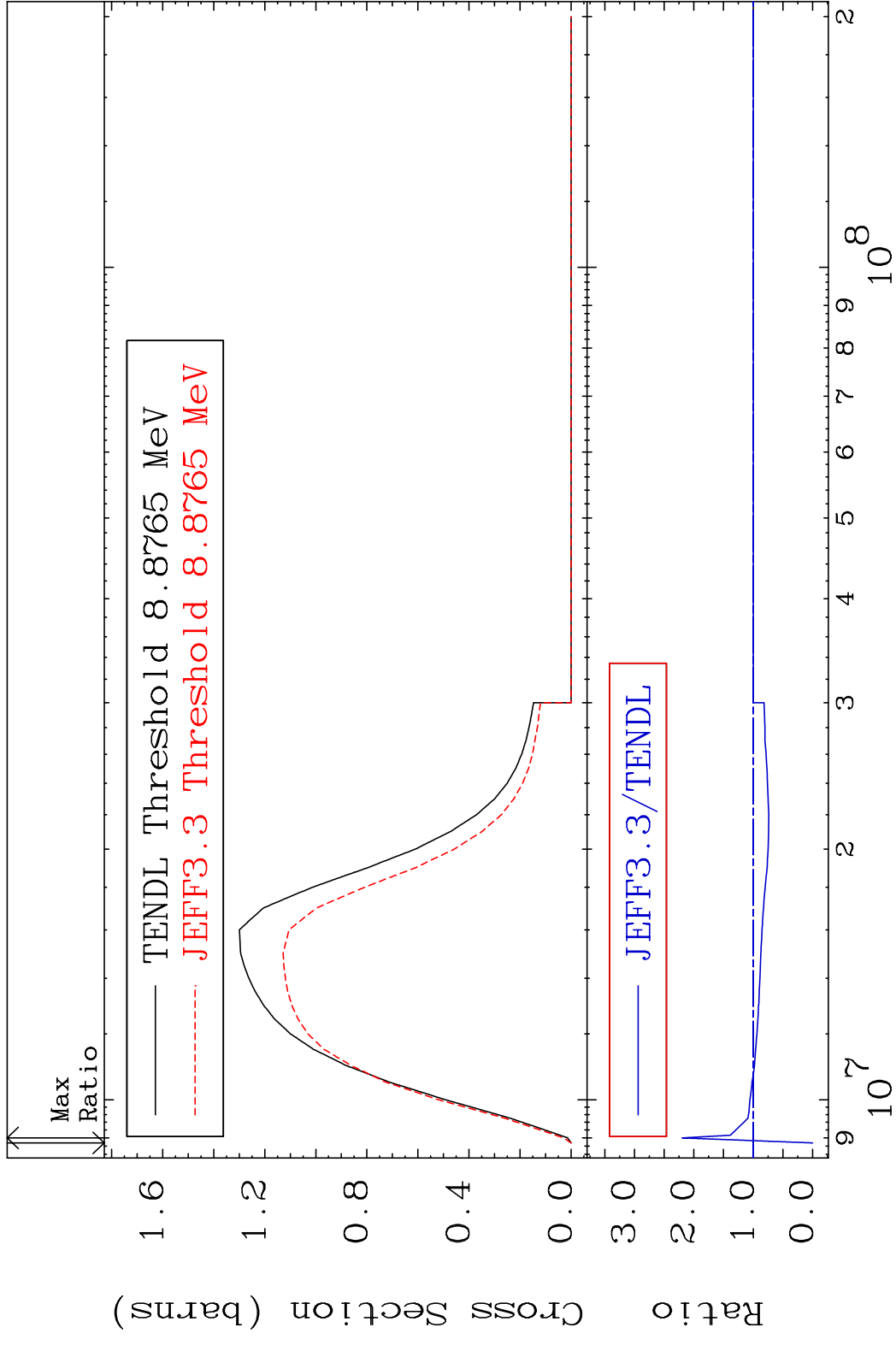
MAT 4649 Dpa inelastic (mt51-91) 46-Pd-110
 Cross Section -100.0 To 12.92 %



MAT 4649 Dpa disappearance (mt102 -120) 46-Pd-110
 Cross Section -99.95 To 9999. %

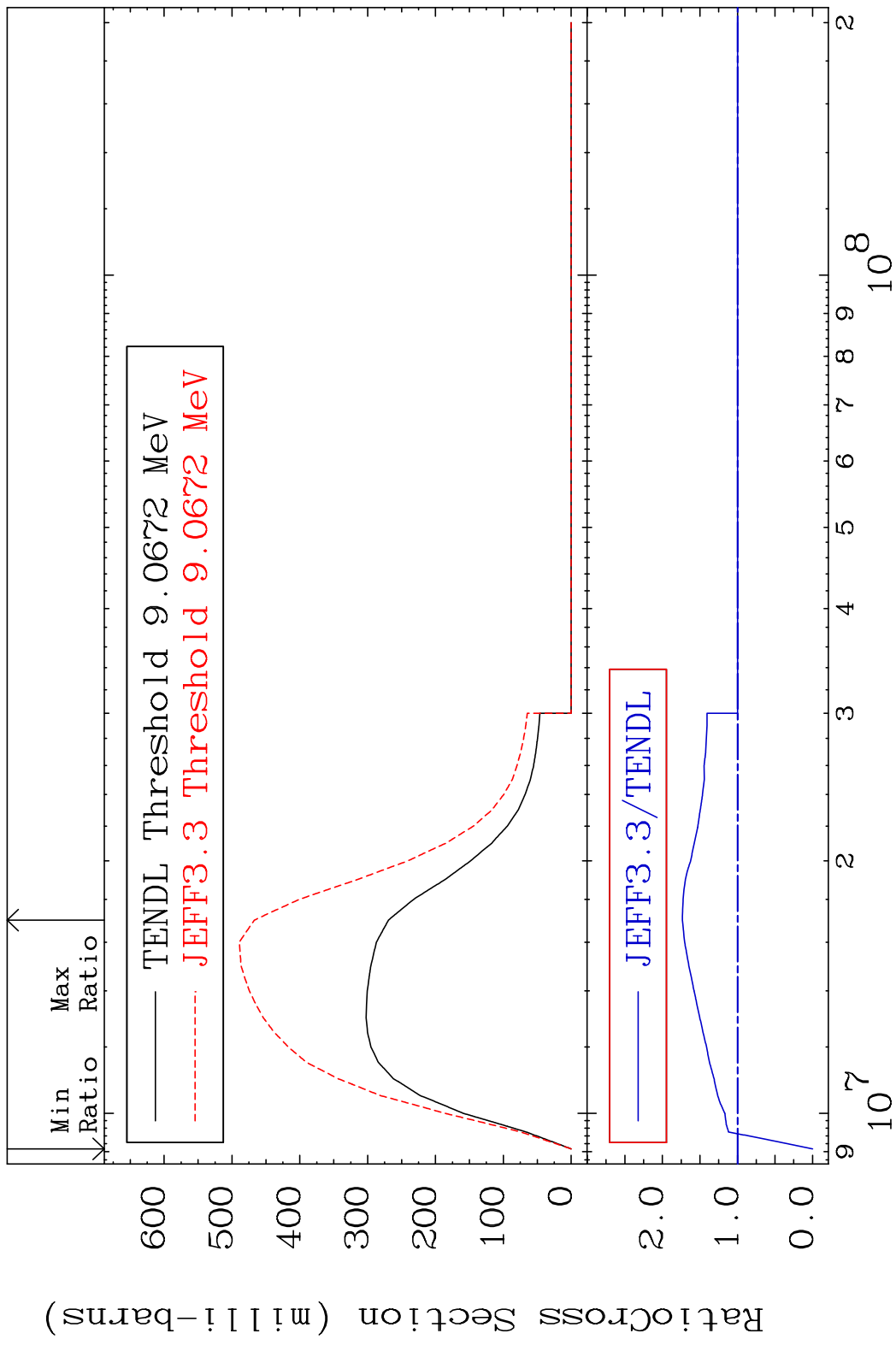


MAT 4649 (n,2n):46-Pd-109g 46-Pd-110
 Radionuclide Production Cross Section 180.0 dth 119.4 %



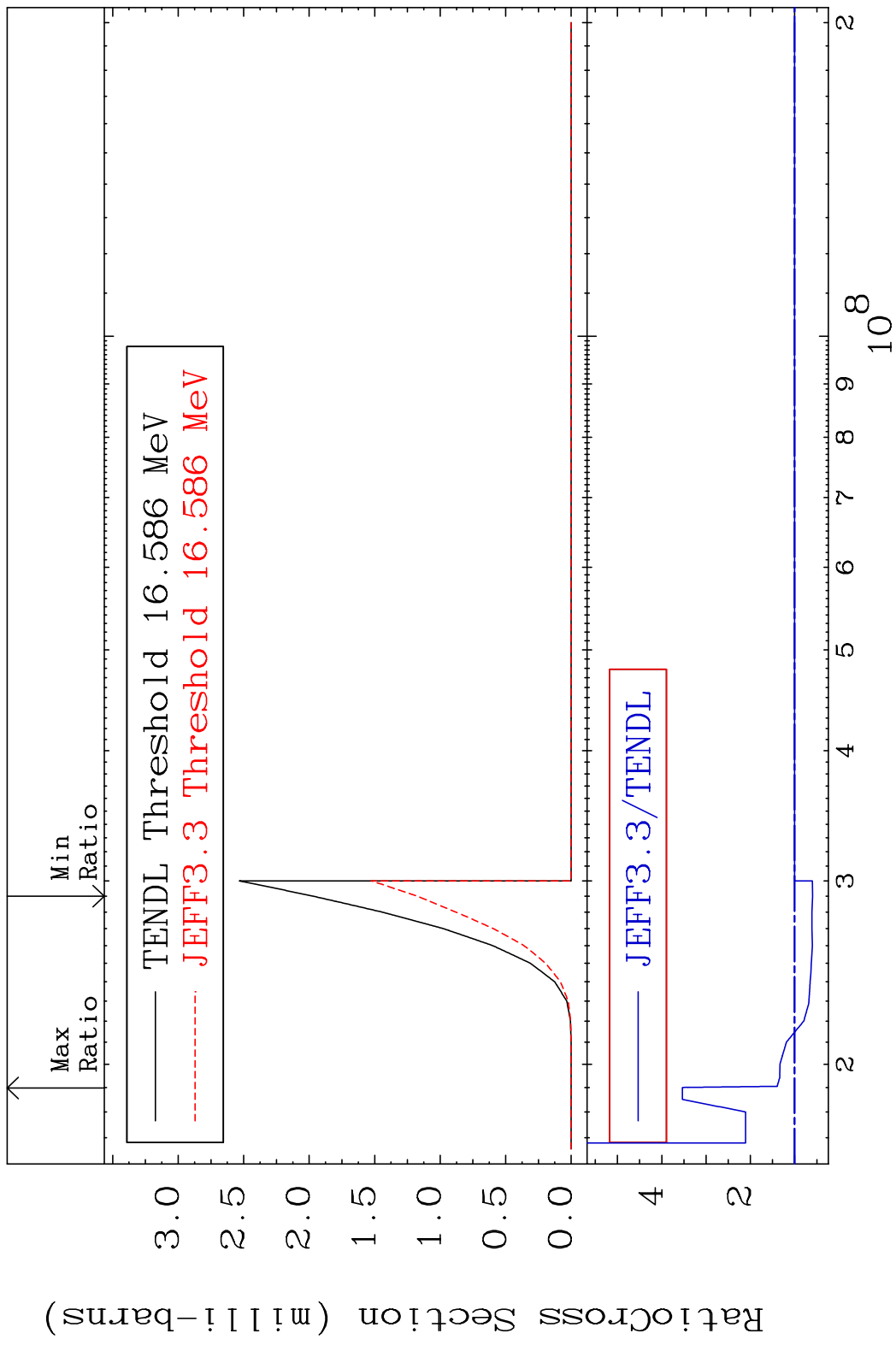
75 Incident Energy (eV) 46-Pd-110

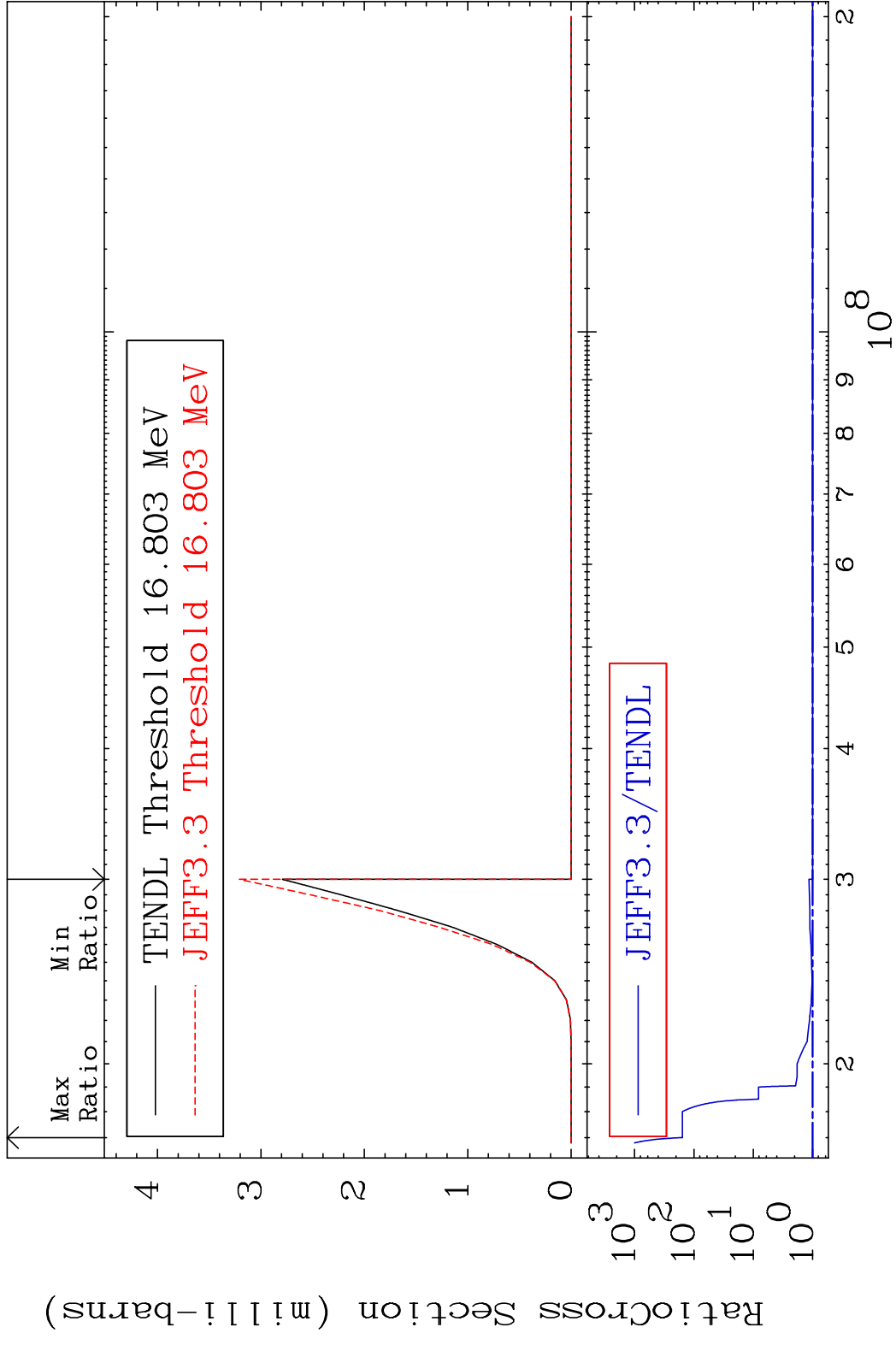
MAT 4649 (n, 2n) : 46-Pd-109m2 46-Pd-110
 Radionuclide Production Cross Section 180.01 dth 73.42 %



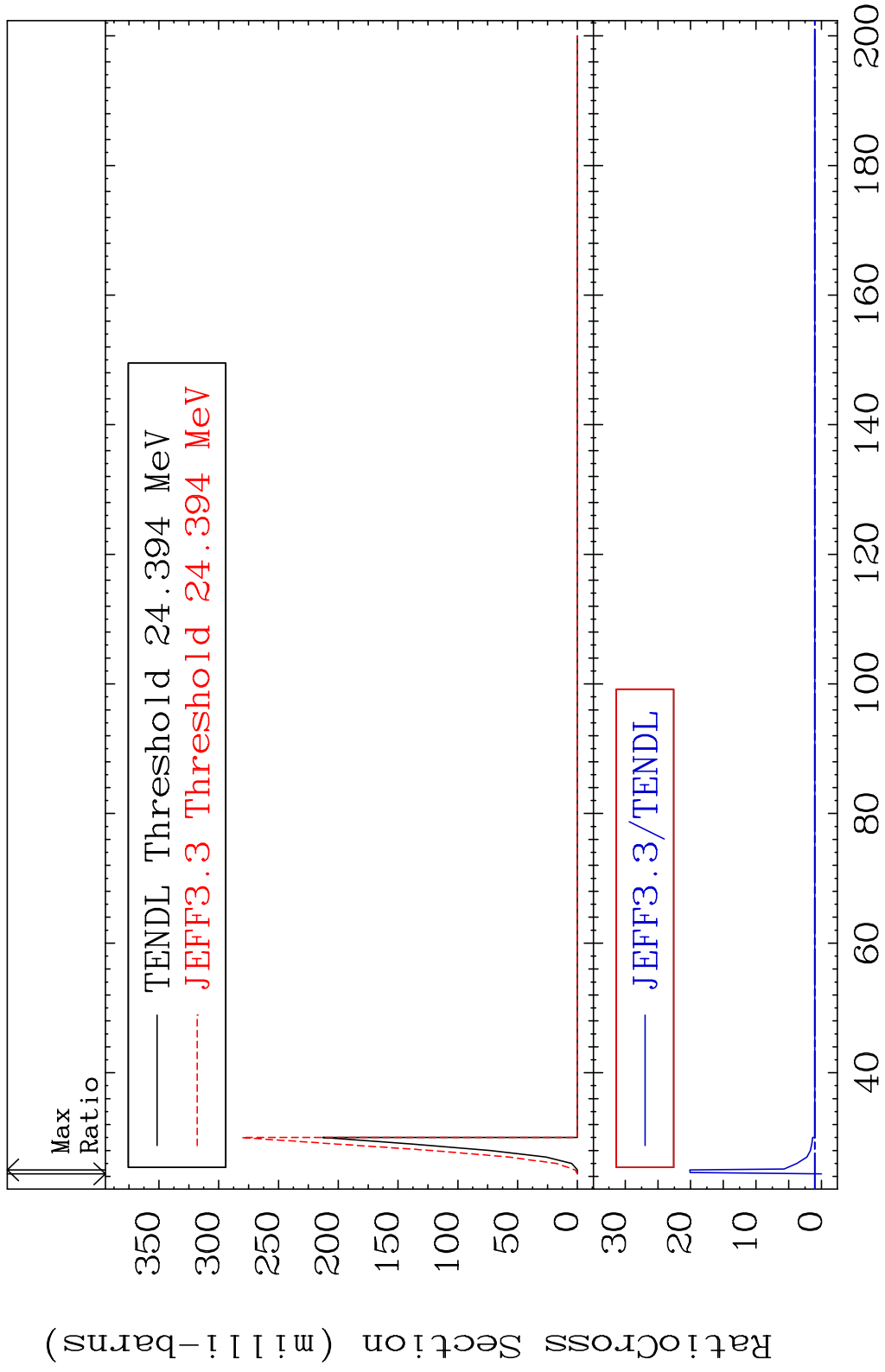
76 Incident Energy (eV) 46-Pd-110

MAT 4649 (n, n') d:45-Rh-108g 46-Pd-110
 Radionuclide Production Cross Section 46-Pd-110 253.6 %

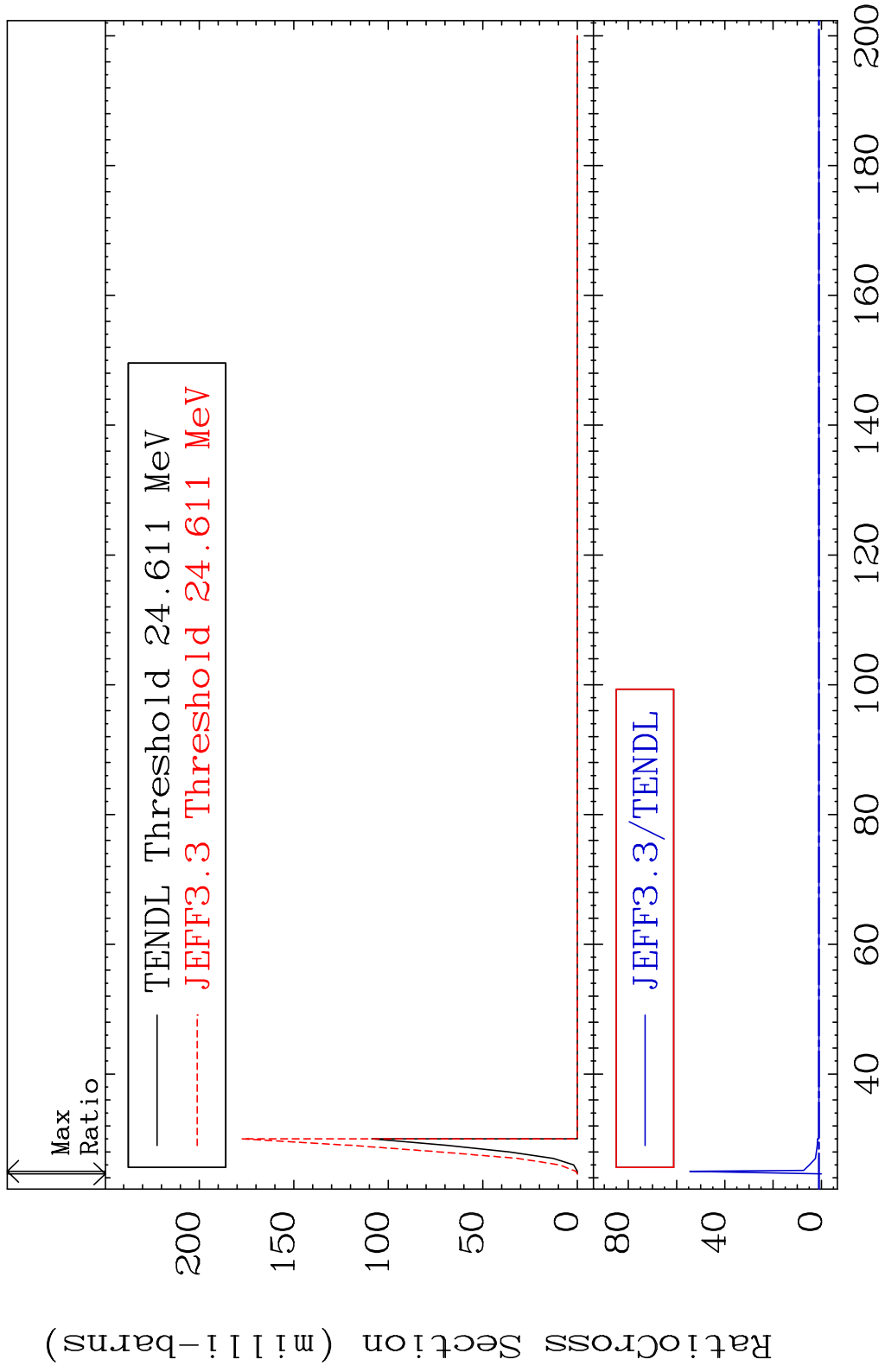




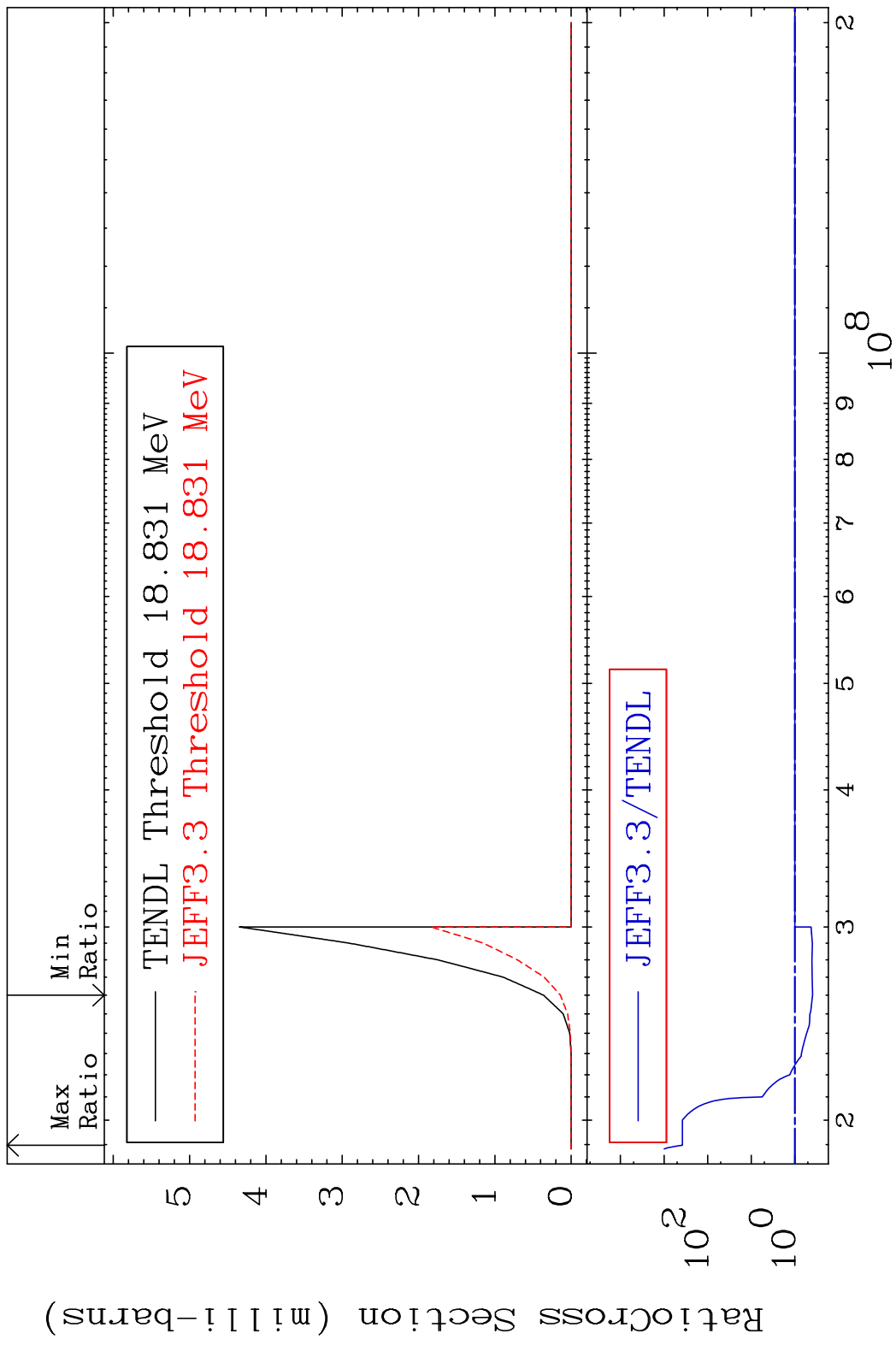
MAT 4649 (n,4n):46-Pd-107g 46-Pd-110
 Radionuclide Production Cross Section 1800 d to 1913. %

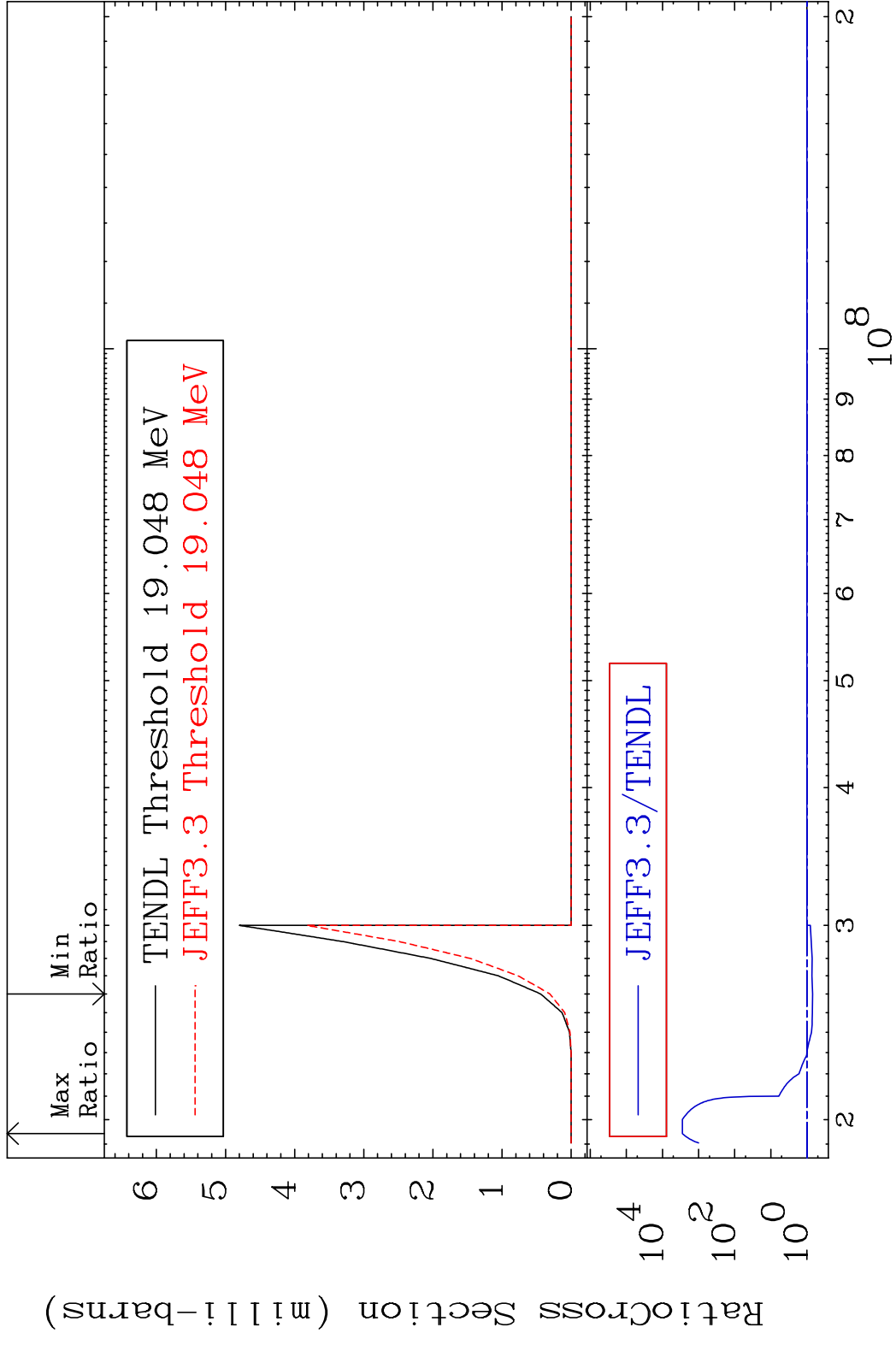


MAT 4649 (n, 4n) : 46-Pd-107m2 46-Pd-110
 Radionuclide Production Cross Section 180.01 dth 5355. %

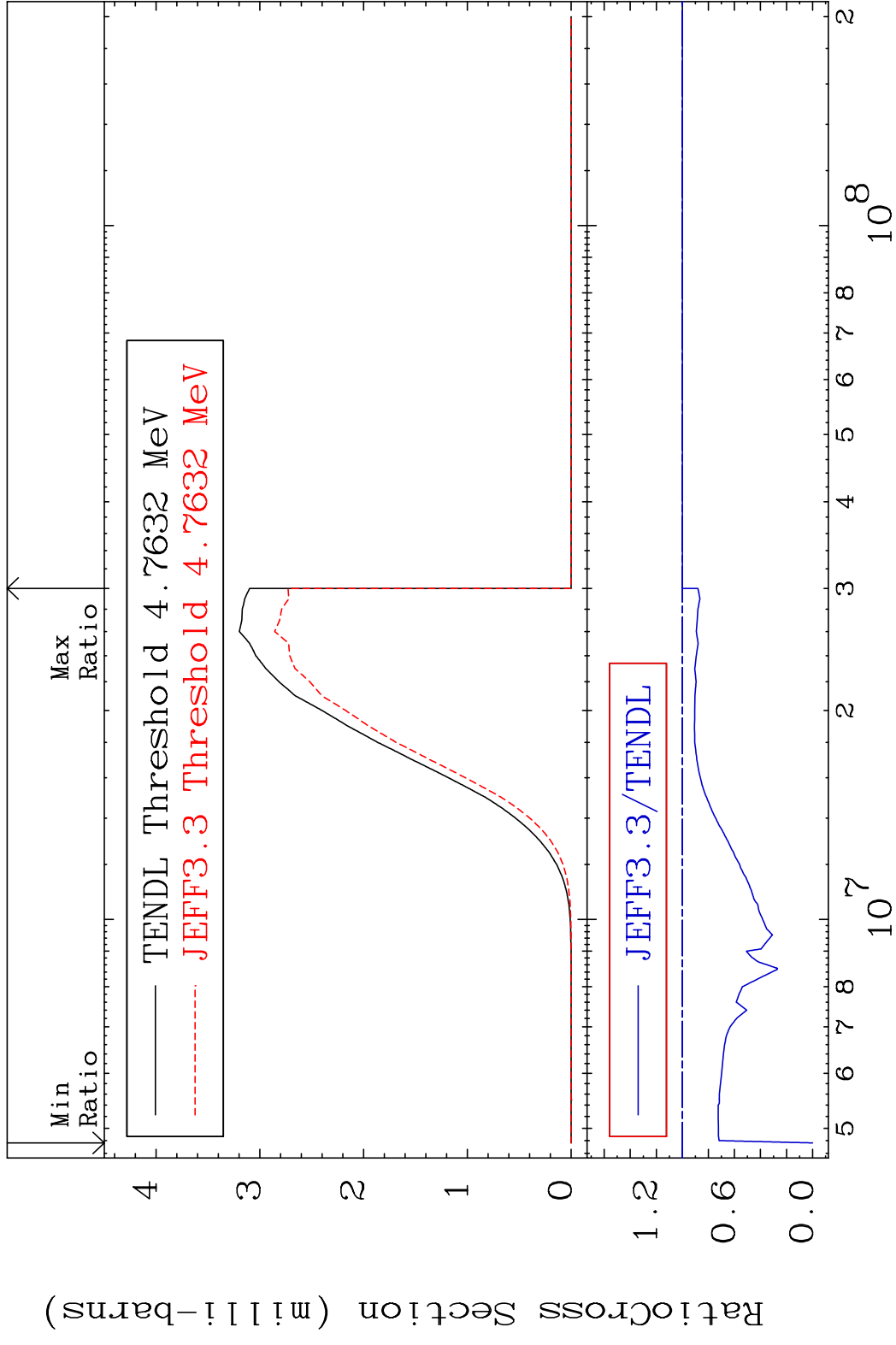


80 Incident Energy (MeV) 46-Pd-110

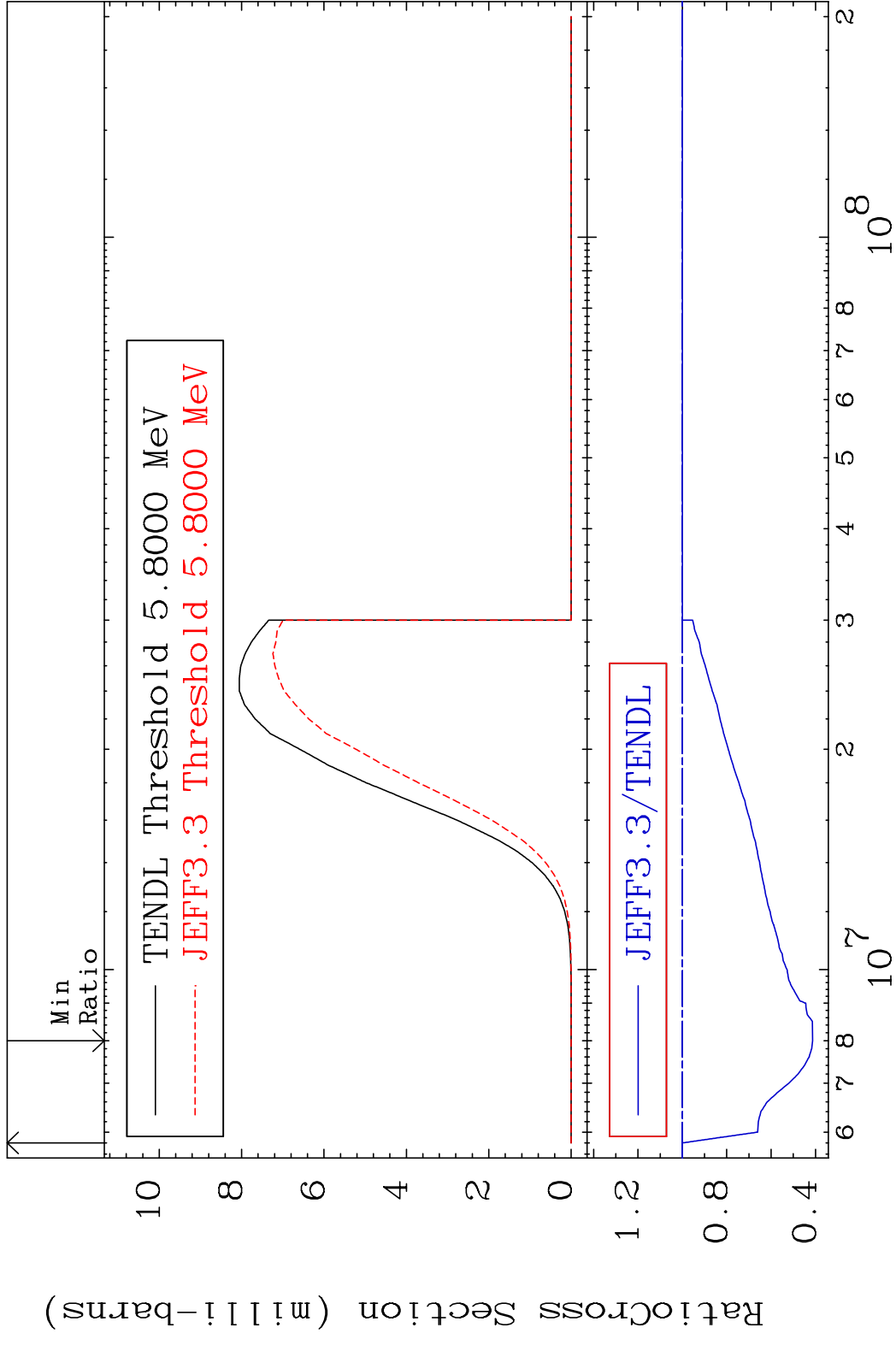




MAT 4649 (n,p):45-Rh-110g 46-Pd-110
 Radionuclide Production Cross Section 100.00 % 0.000 %



MAT 4649 (n, p): 45-Rh-110m6 46-Pd-110
 Radionuclide Production Cross Section 58668 dth 0.000 %

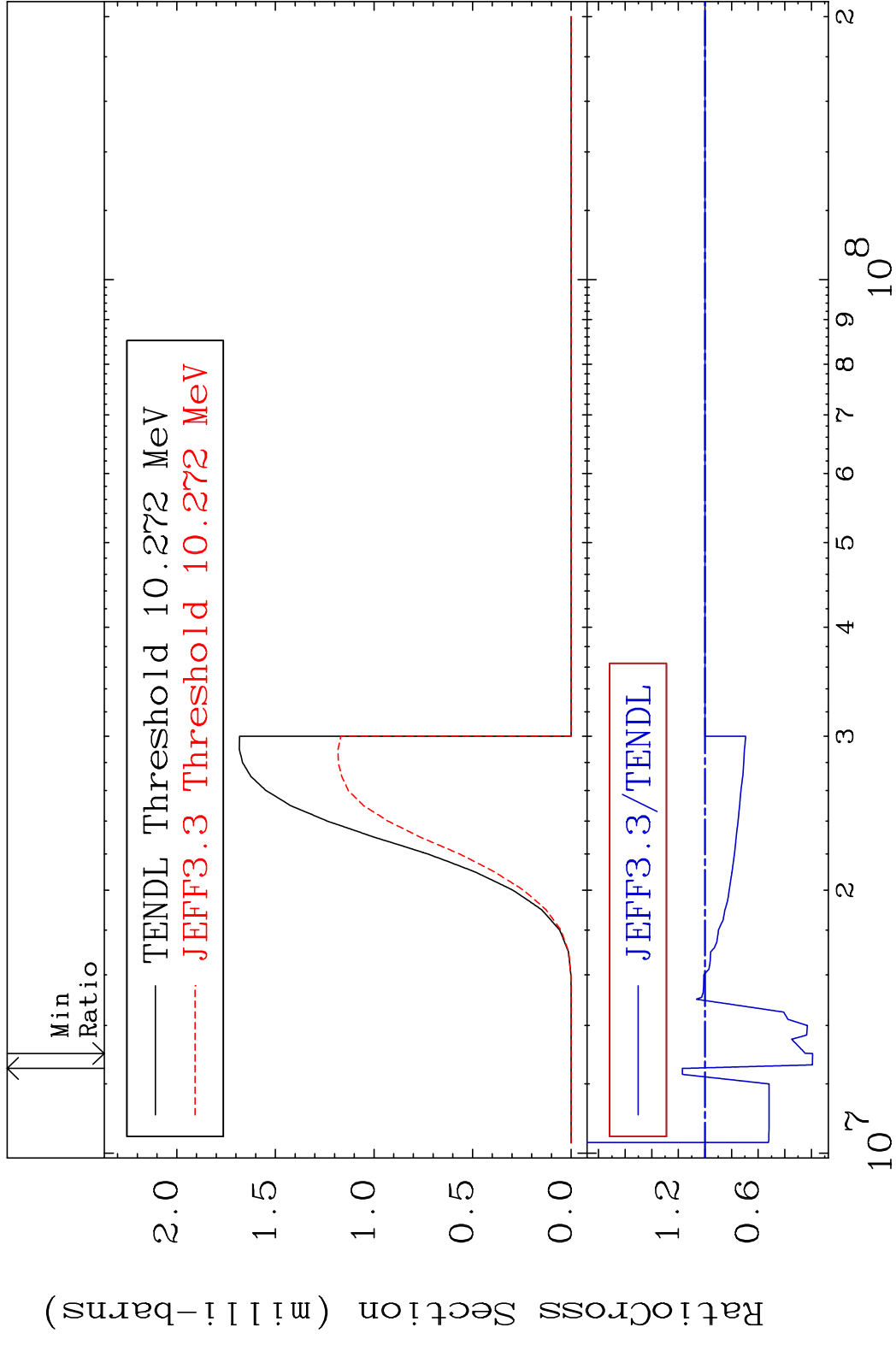


MAT 4649

(n, t): 45-Rh-108g

46-Pd-110

Radionuclide Production Cross Section 85.65 dth 17.01 %



85

Incident Energy (eV)

46-Pd-110

