

Program Complot
(Version 2021-1)

by

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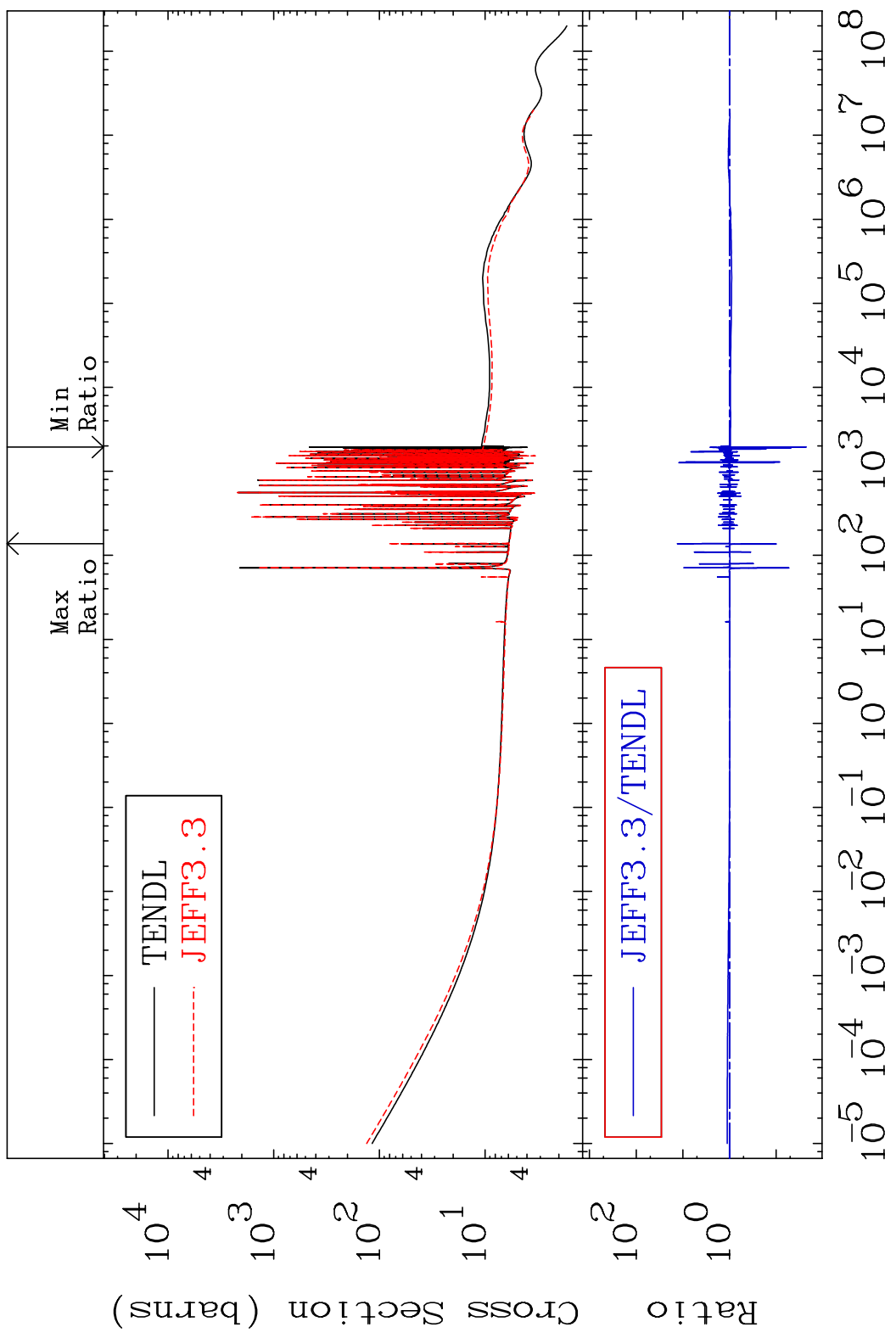
Press Mouse Button to Start

MAT 4240

Total

42-Mo-97

Cross Section -97.74 To 1221. %



1

Incident Energy (eV)

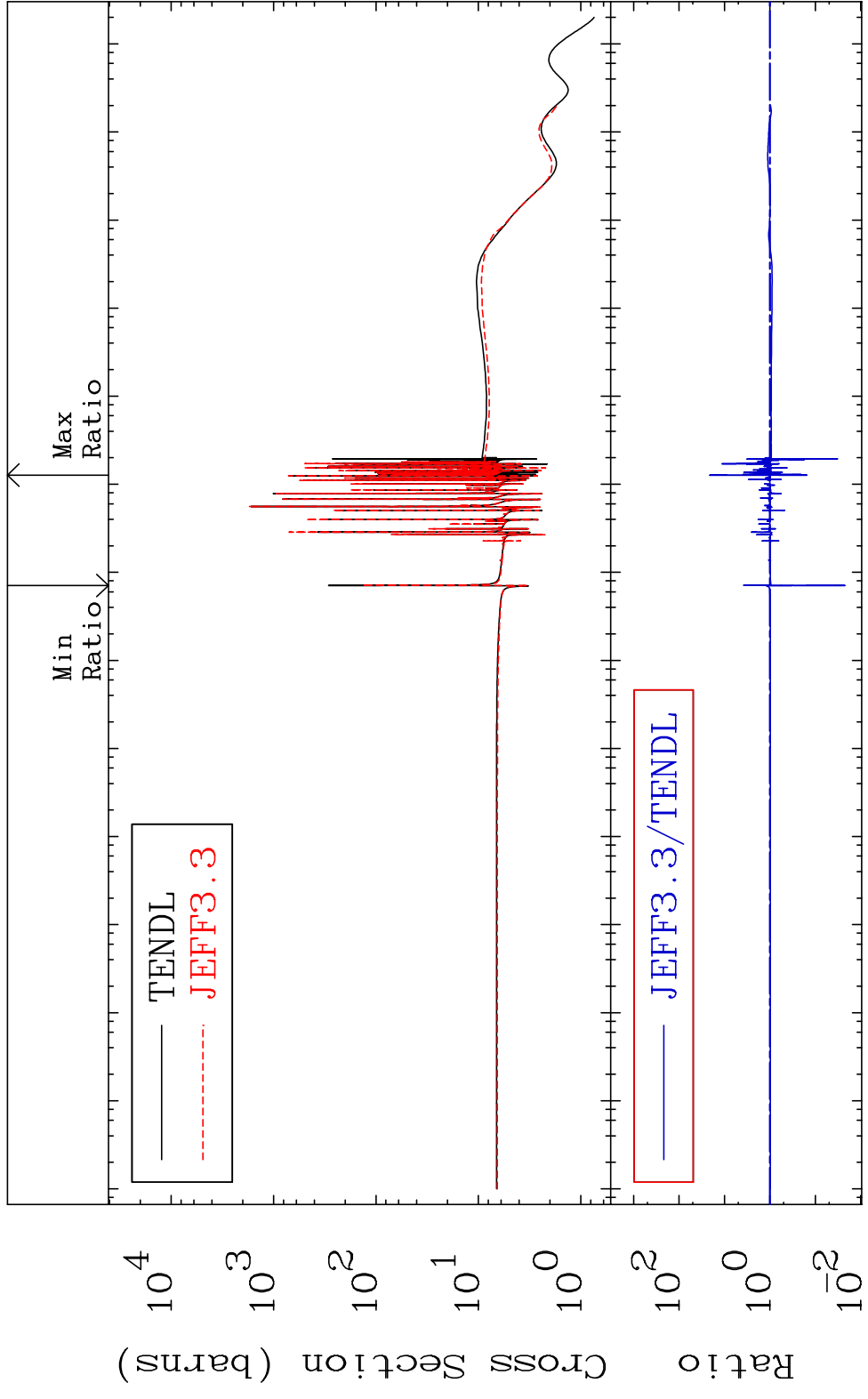
42-Mo-97

MAT 4240

Elastic

42-Mo-97

Cross Section -97.80 To 2010. %

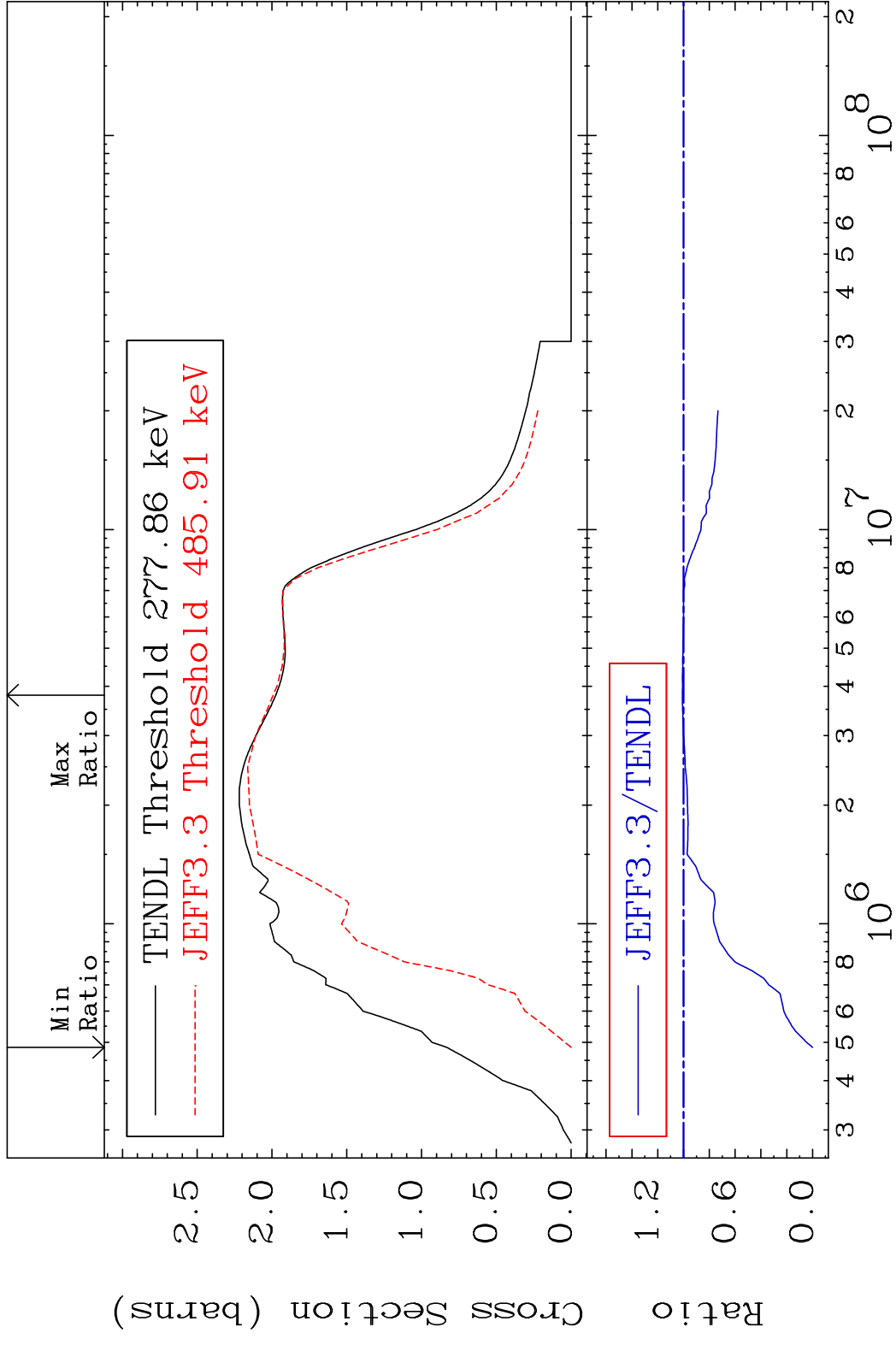


2

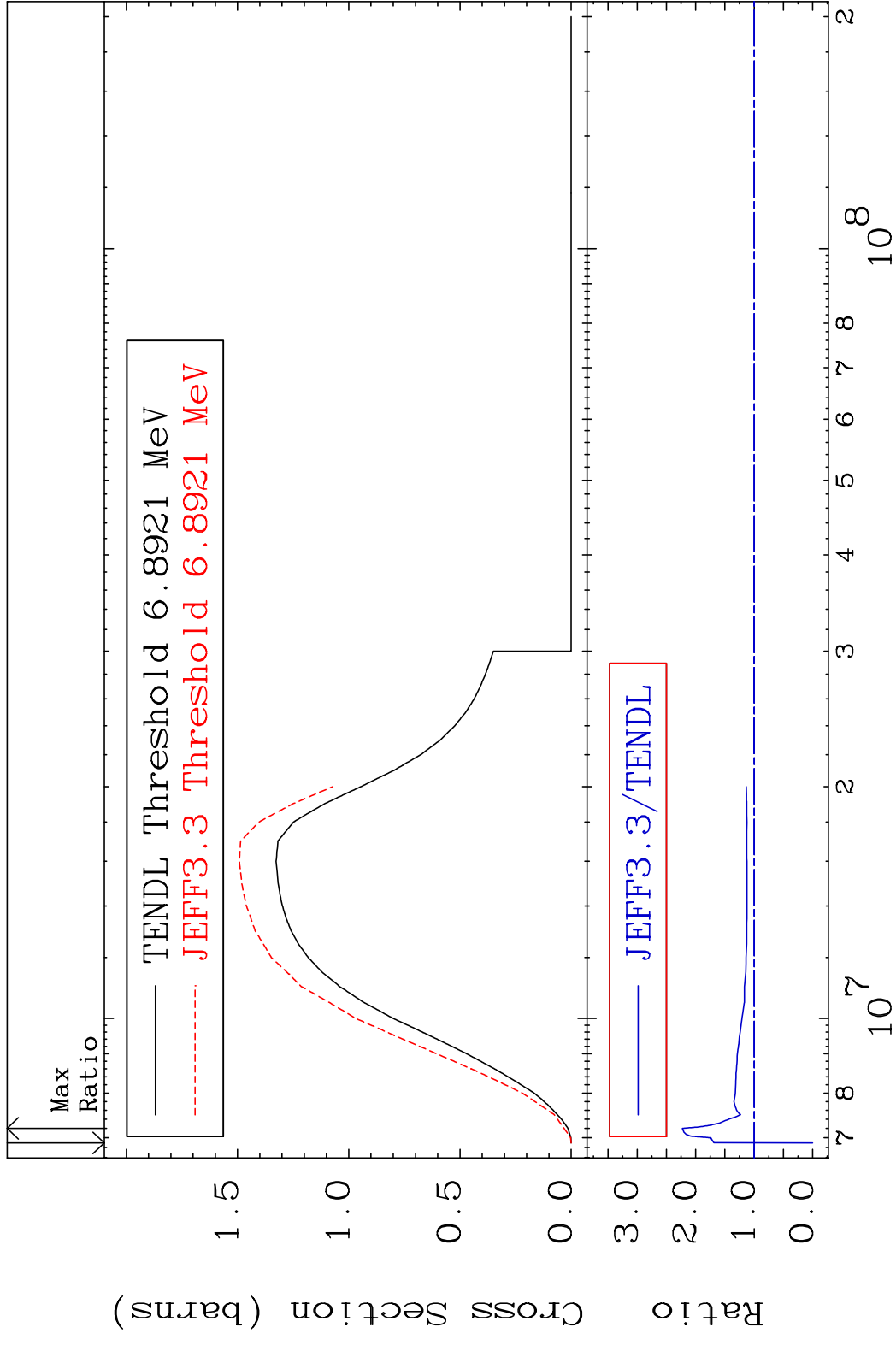
Incident Energy (eV)

42-Mo-97

MAT 4240 Inelastic 42-Mo-97
 Cross Section -100.0 To 0.899 %



MAT 4240 (n,2n) 42-Mo-97
 Cross Section -100.0 To 122.8 %

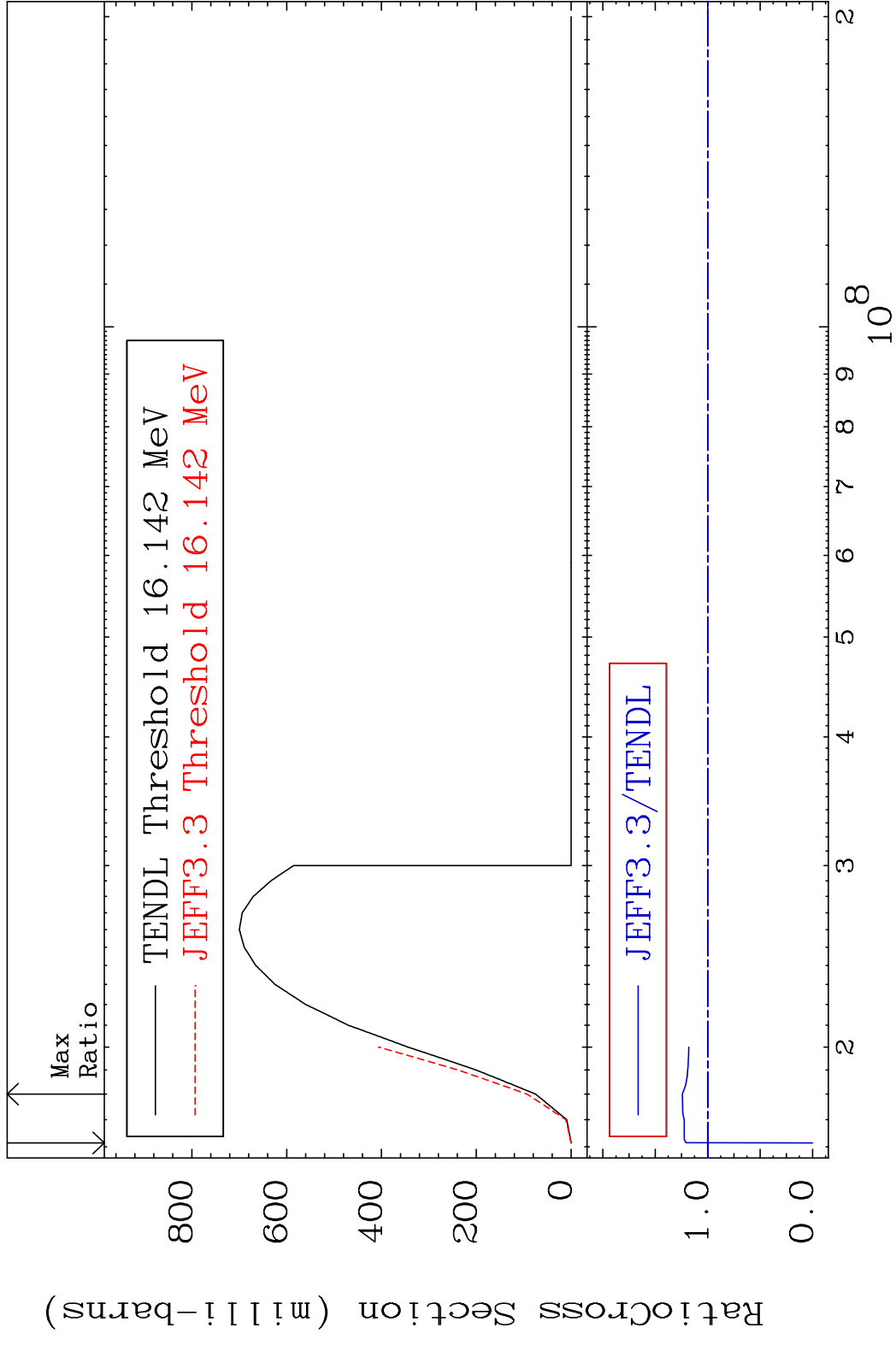


MAT 4240

(n,3n)

42-Mo-97

Cross Section -100.0 To 24.15 %

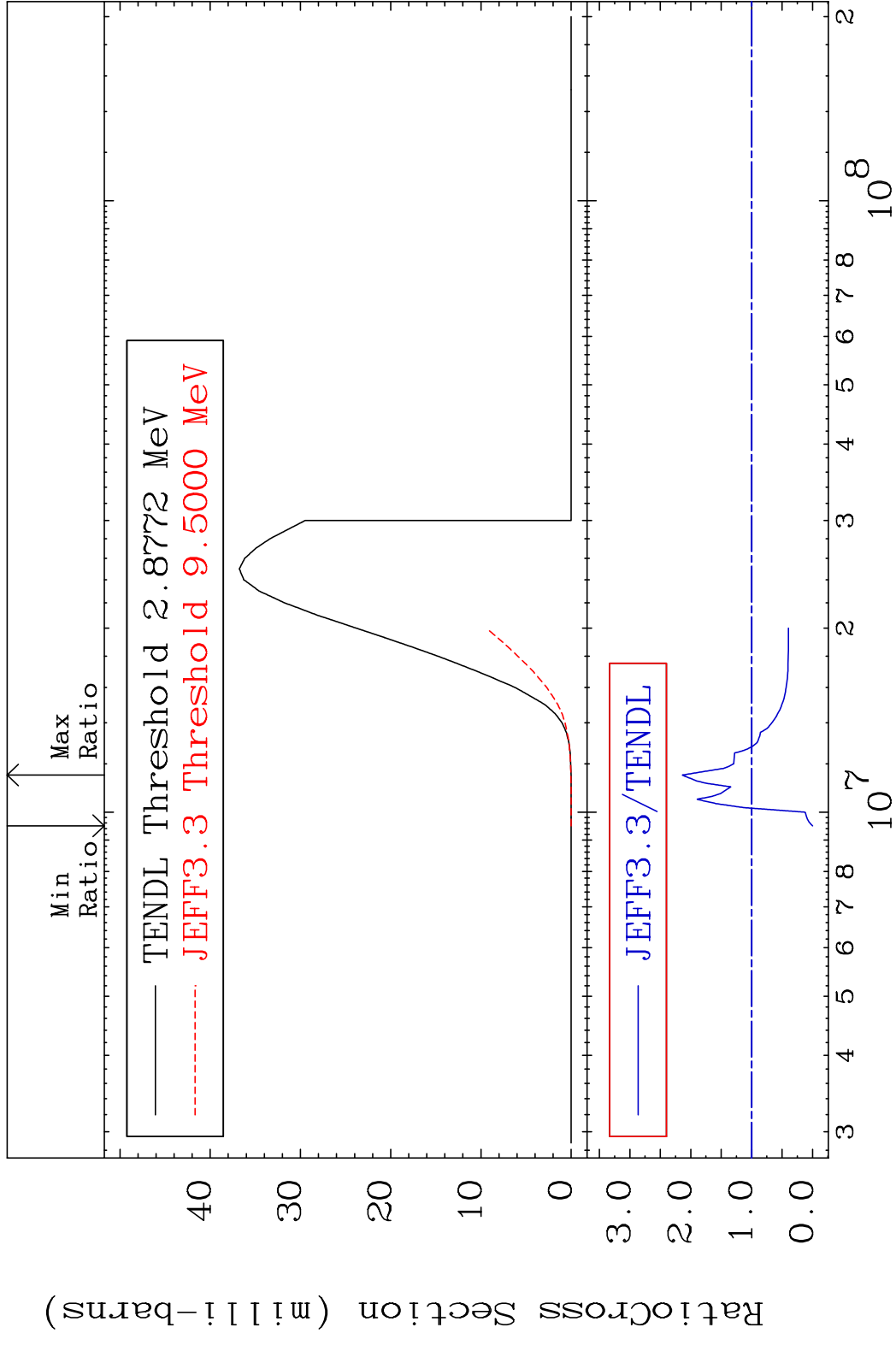


5

Incident Energy (eV)

42-Mo-97

MAT 4240 (n, n') α 42-Mo-97
 Cross Section -100.0 To 113.8 %

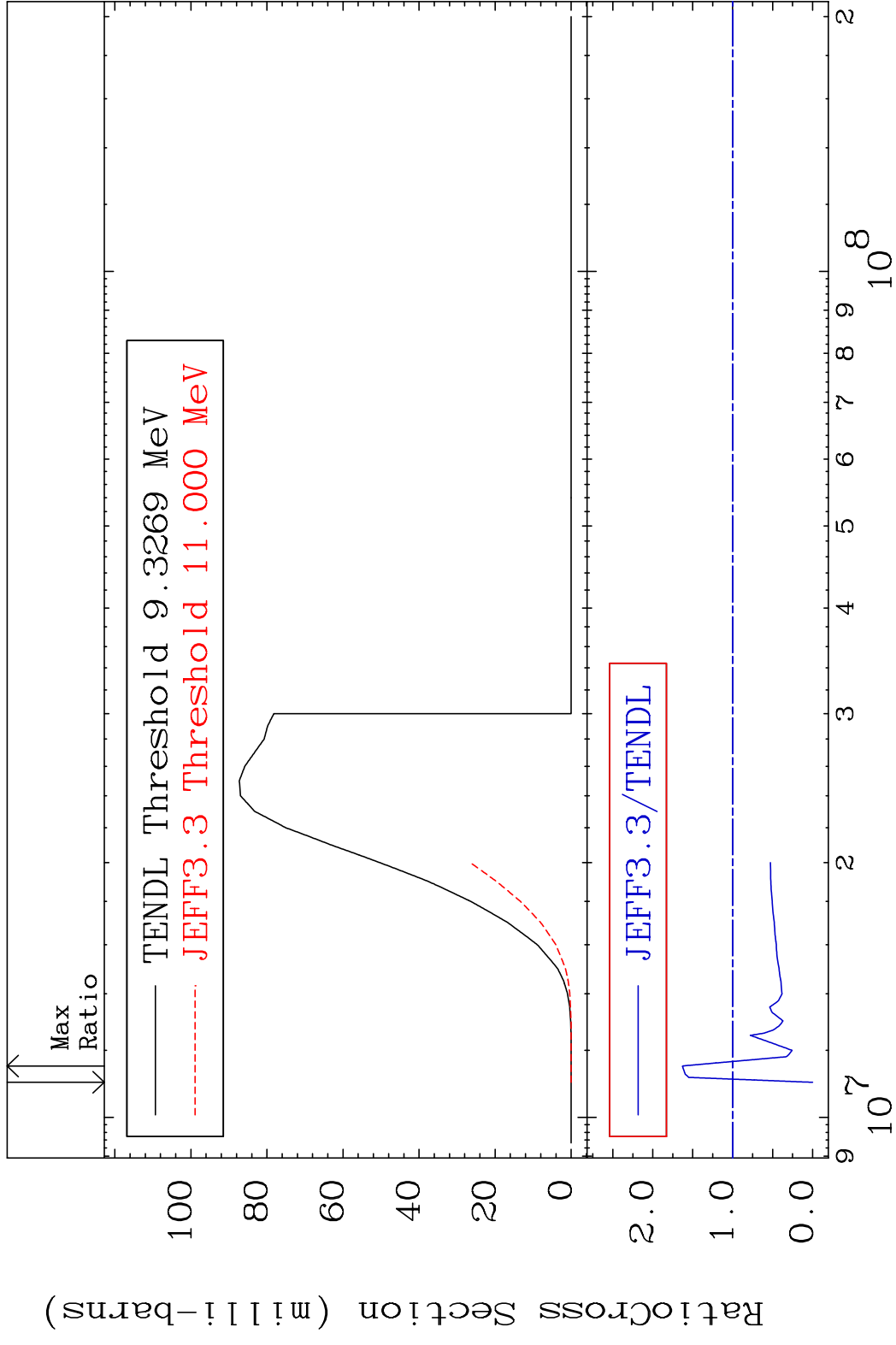


MAT 4240

(n, n') p

42-Mo-97

Cross Section -100.0 To 62.98 %

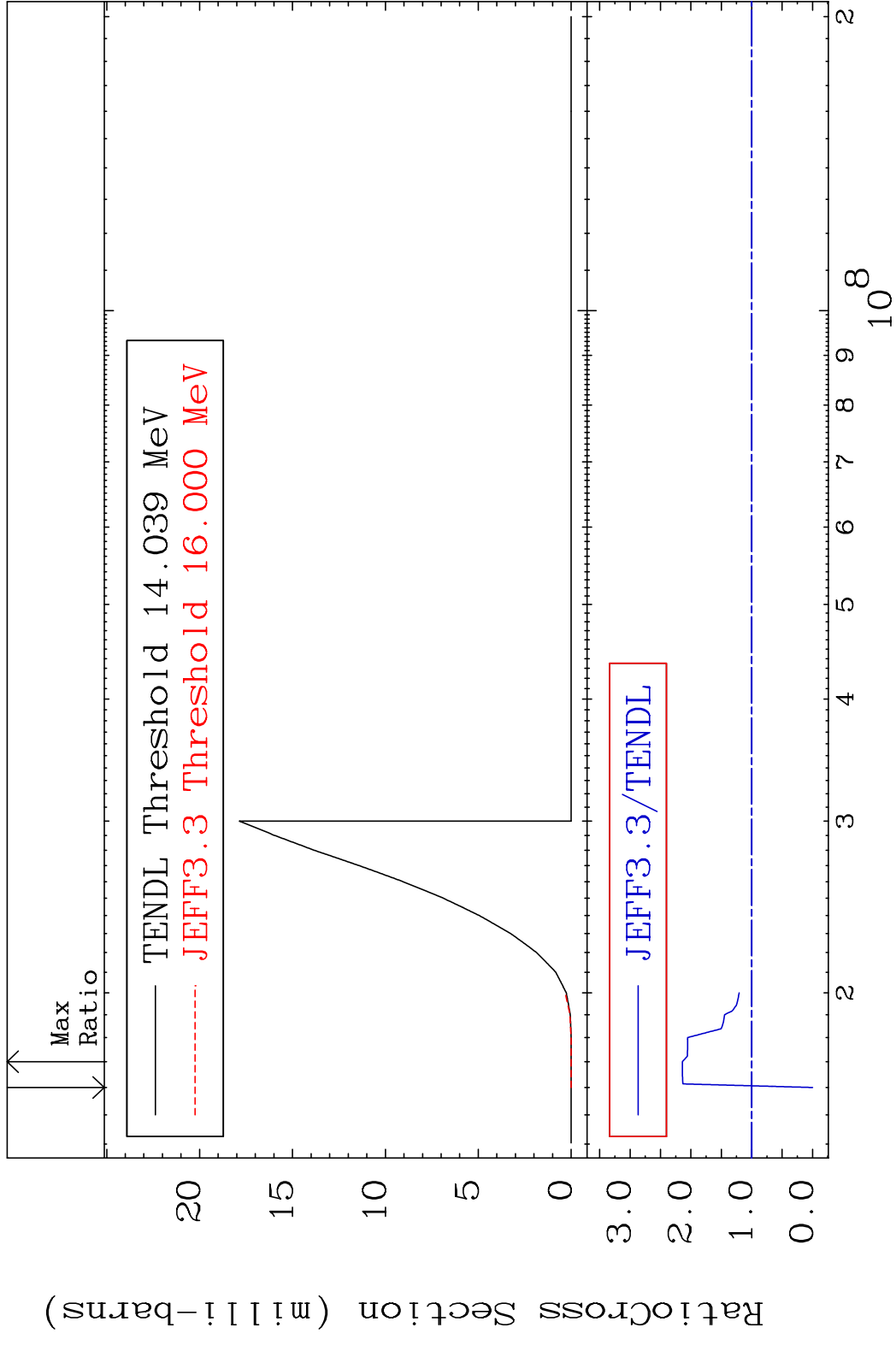


7

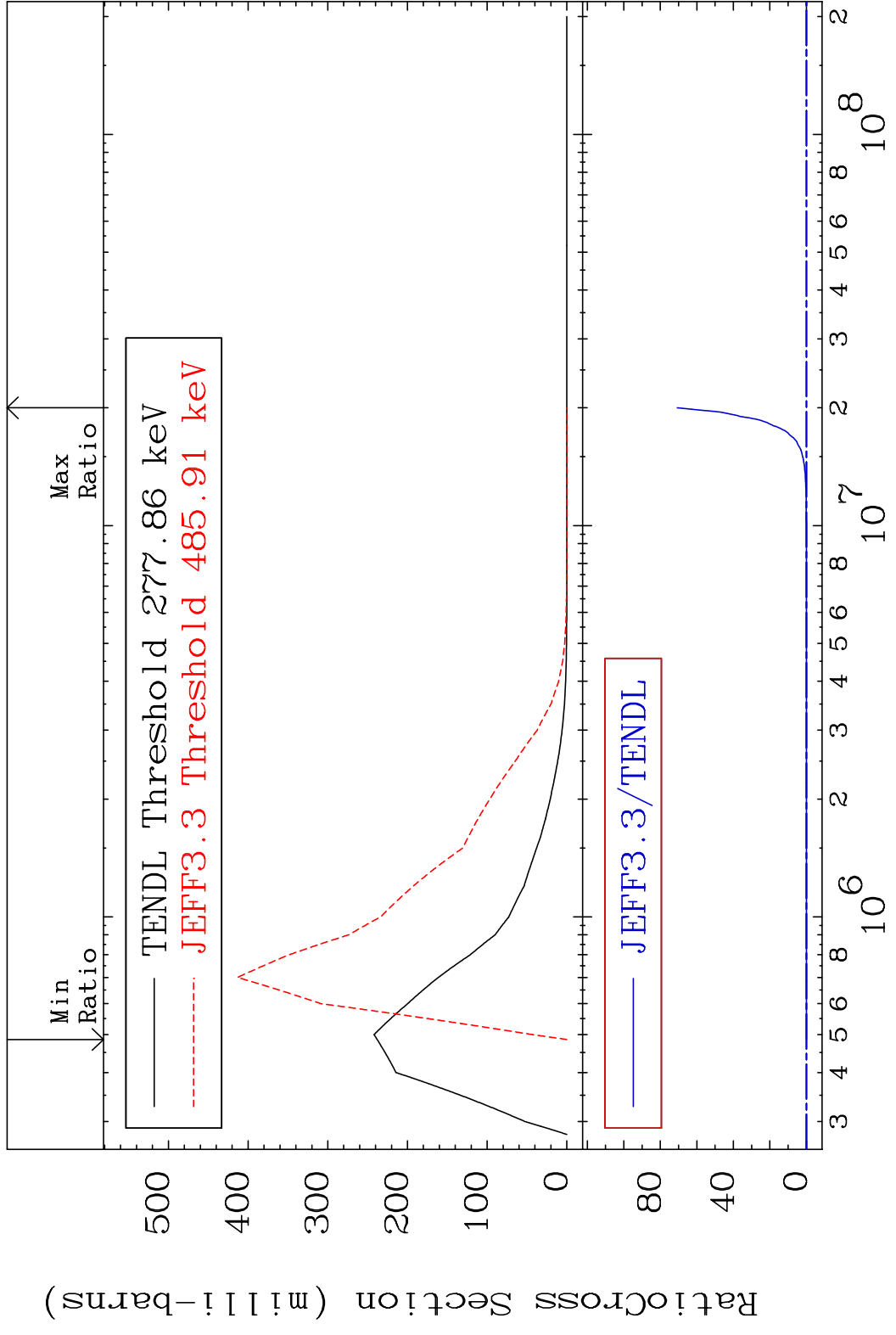
Incident Energy (eV)

42-Mo-97

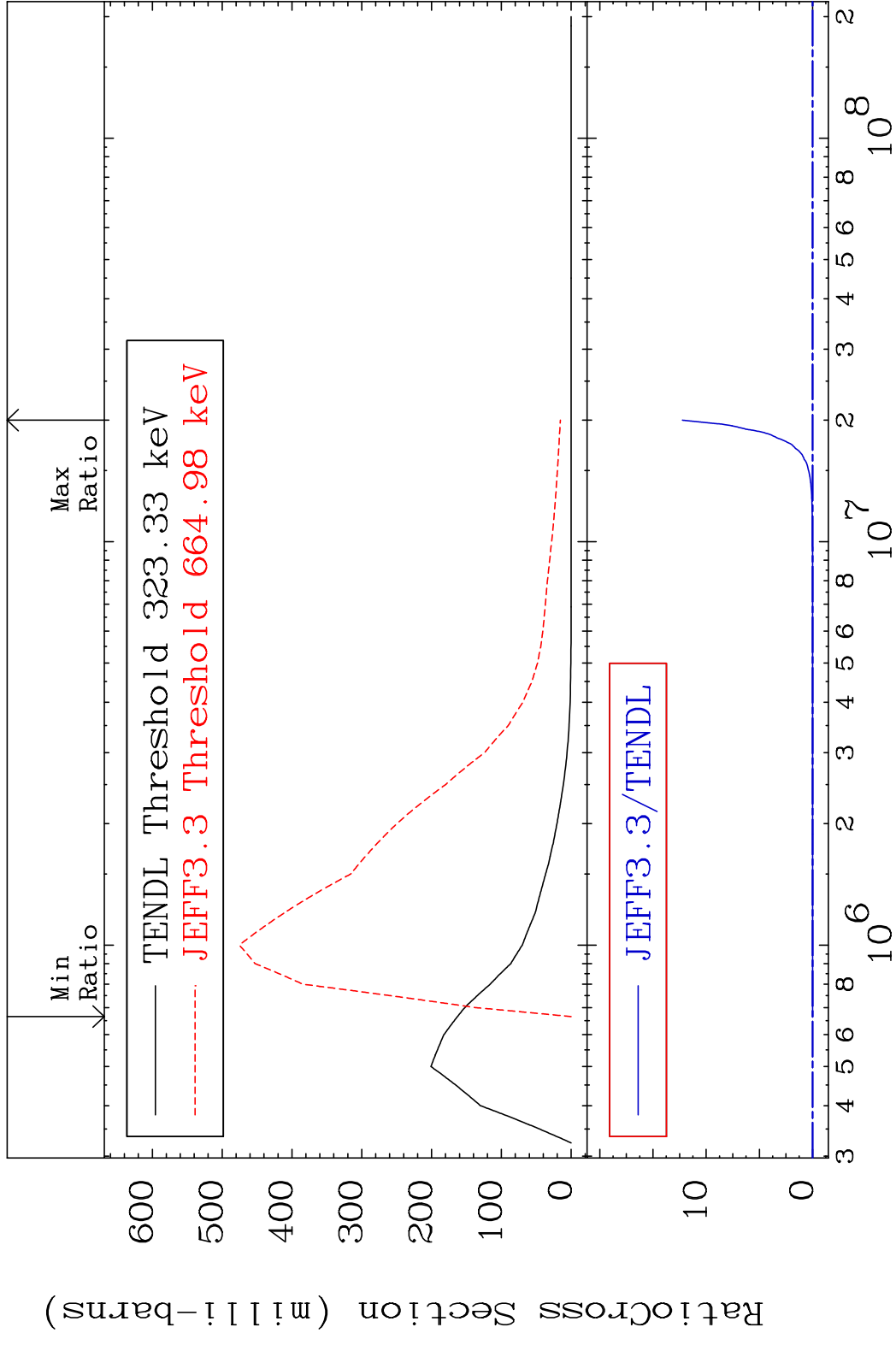
MAT 4240 (n, n') d 42-Mo-97
 Cross Section -100.0 To 114.0 %



MAT 4240 MT= 51 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 9999. %

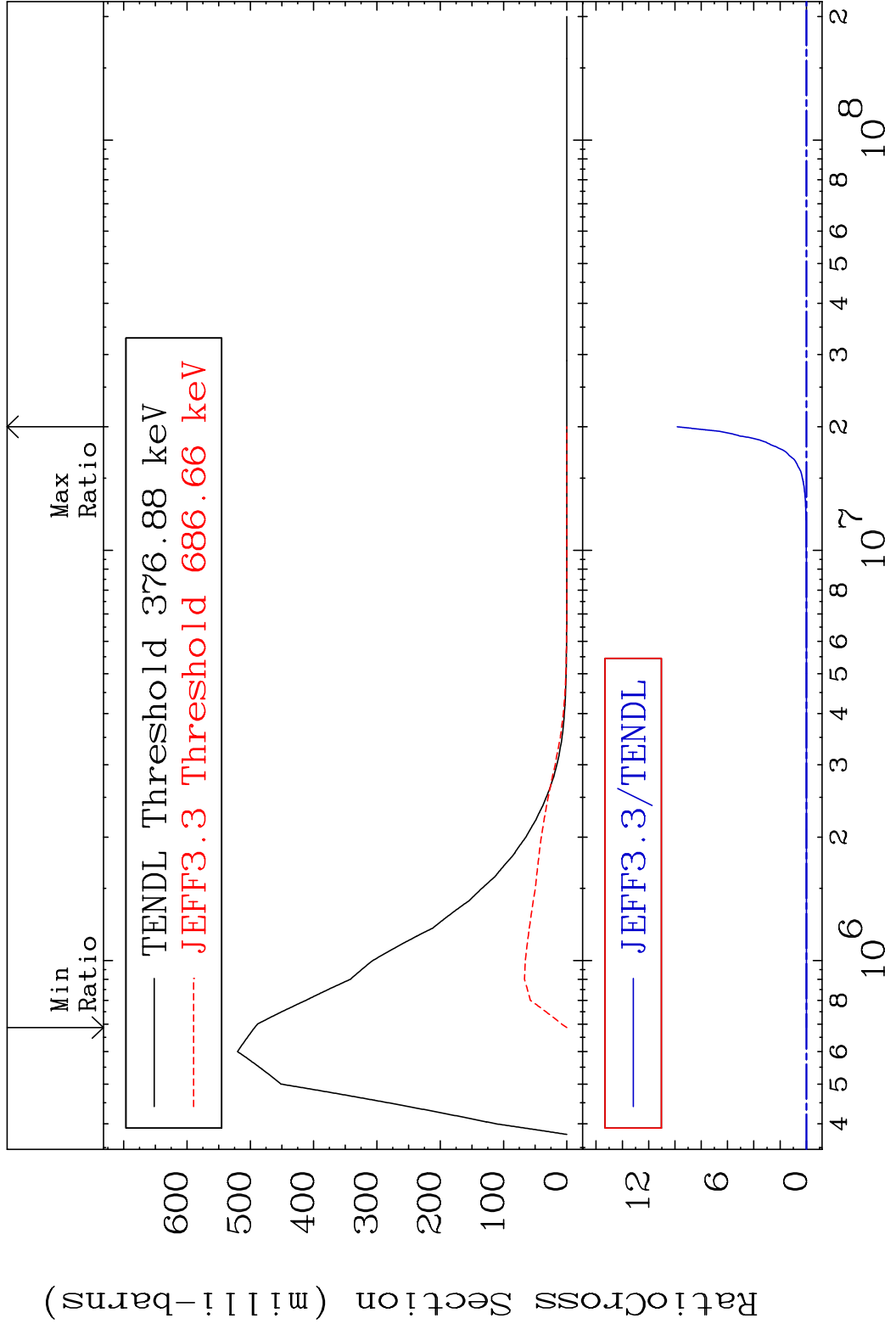


MAT 4240 MT= 52 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 9999. %

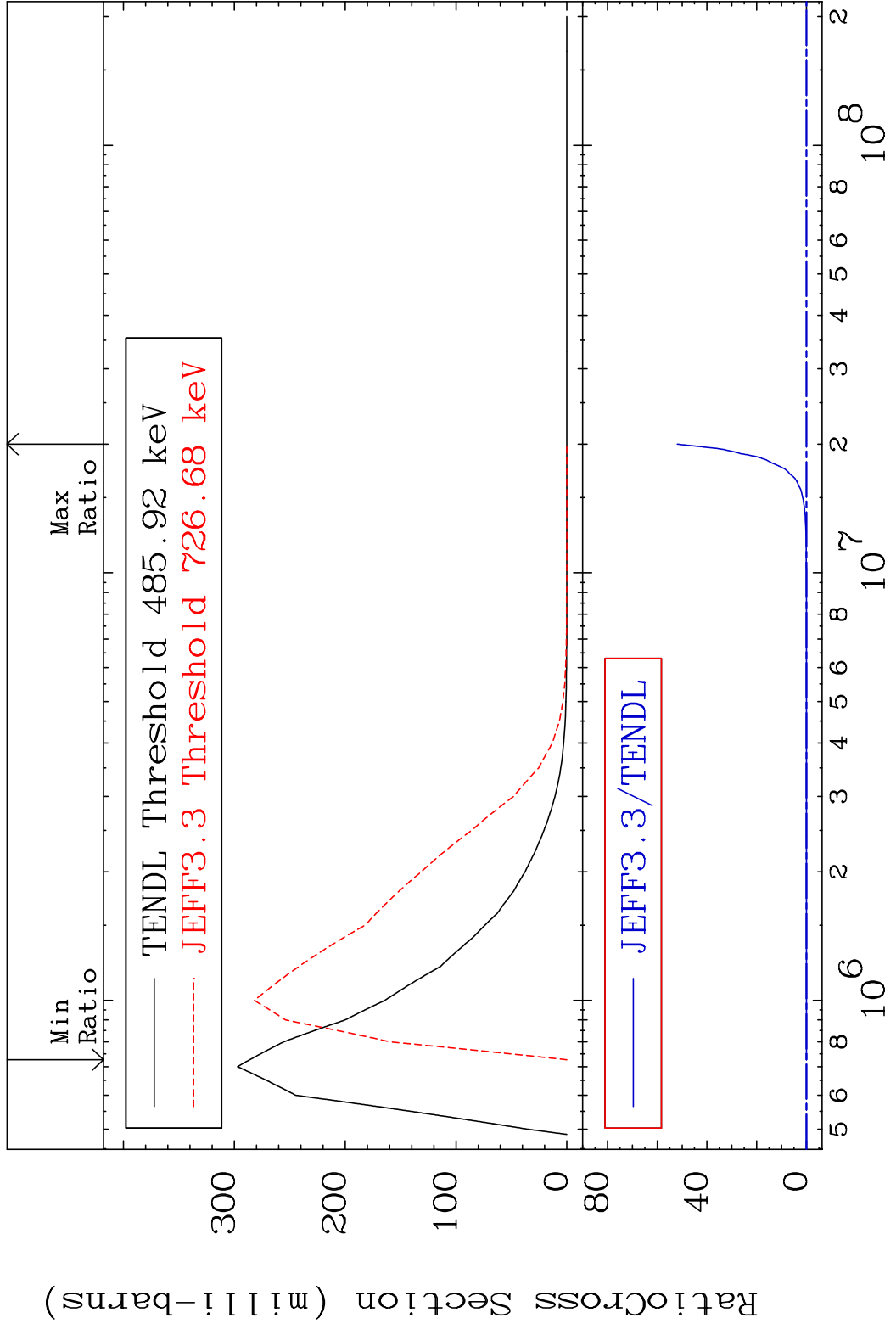


10 Incident Energy (eV) 42-Mo-97

MAT 4240 MT= 53 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 9999. %

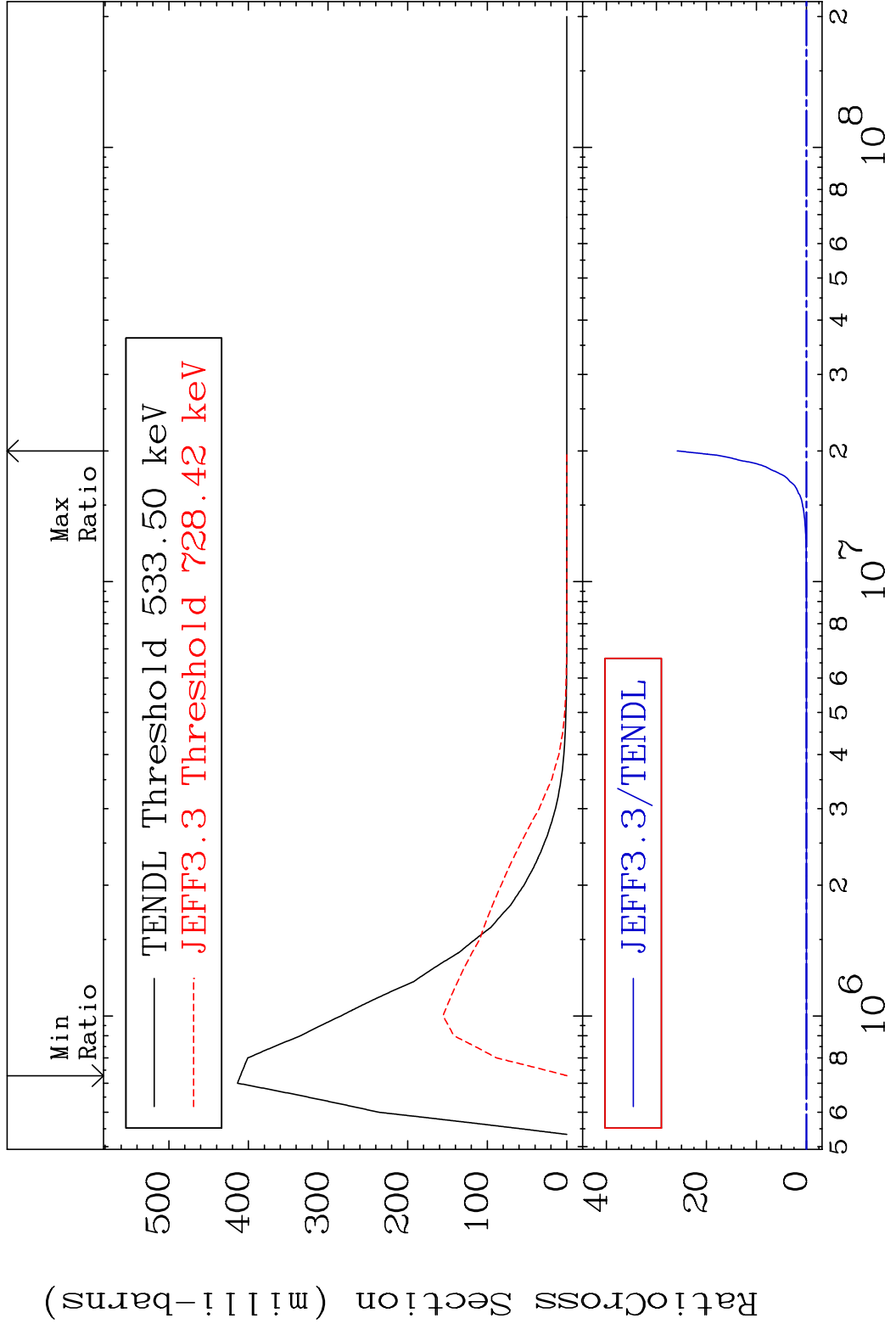


MAT 4240 MT= 54 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 9999. %

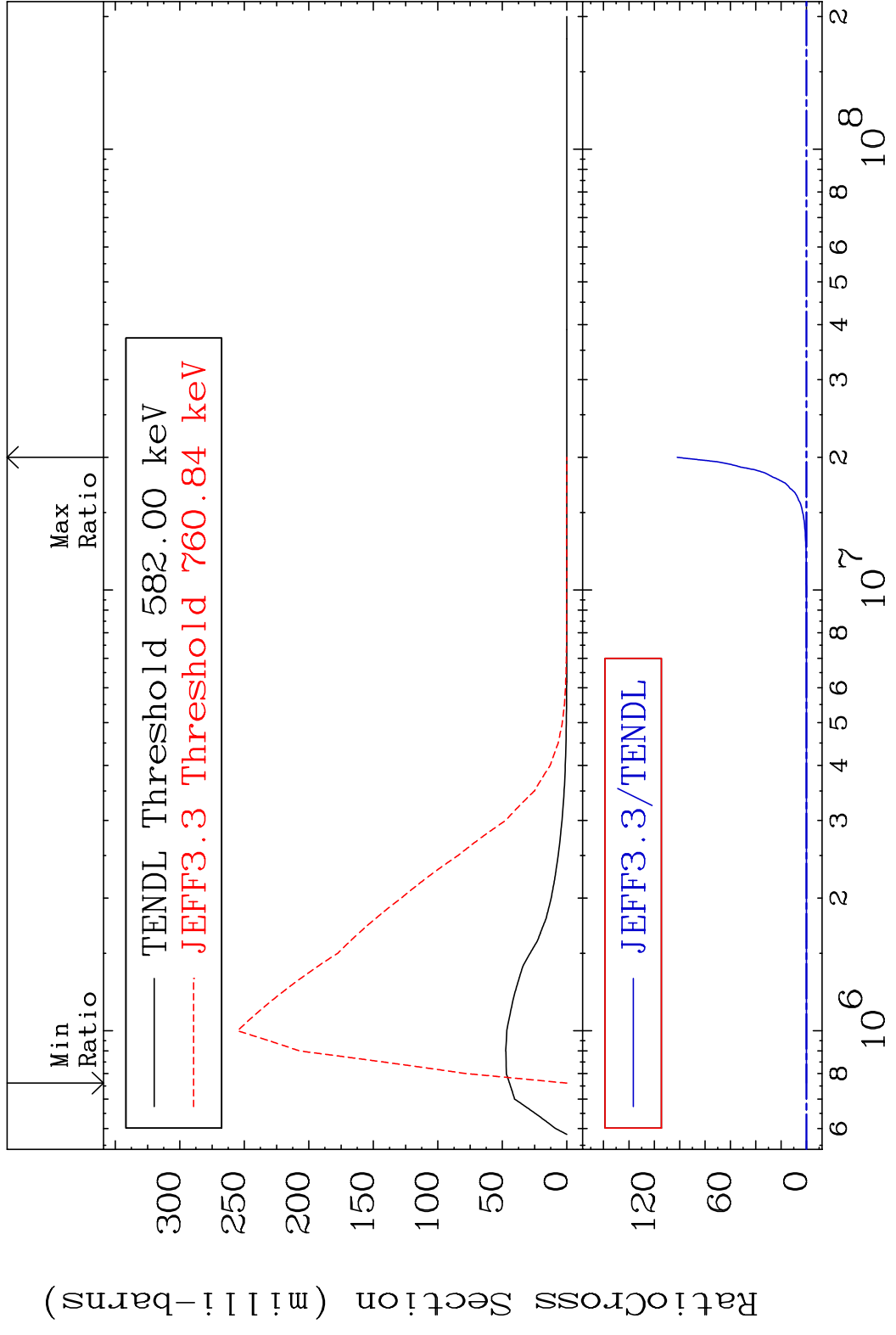


12 Incident Energy (eV) 42-Mo-97

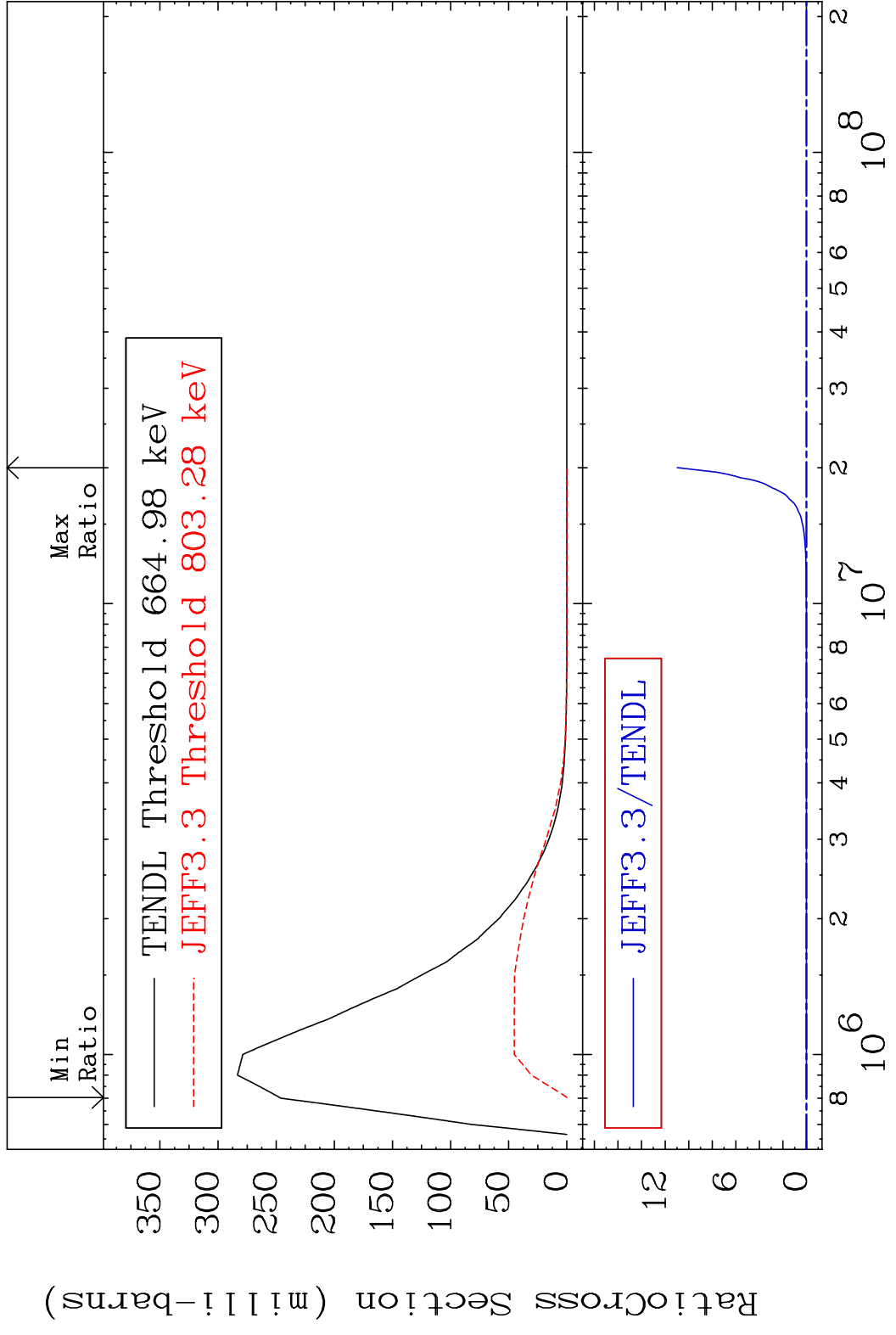
MAT 4240 MT= 55 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 9999. %



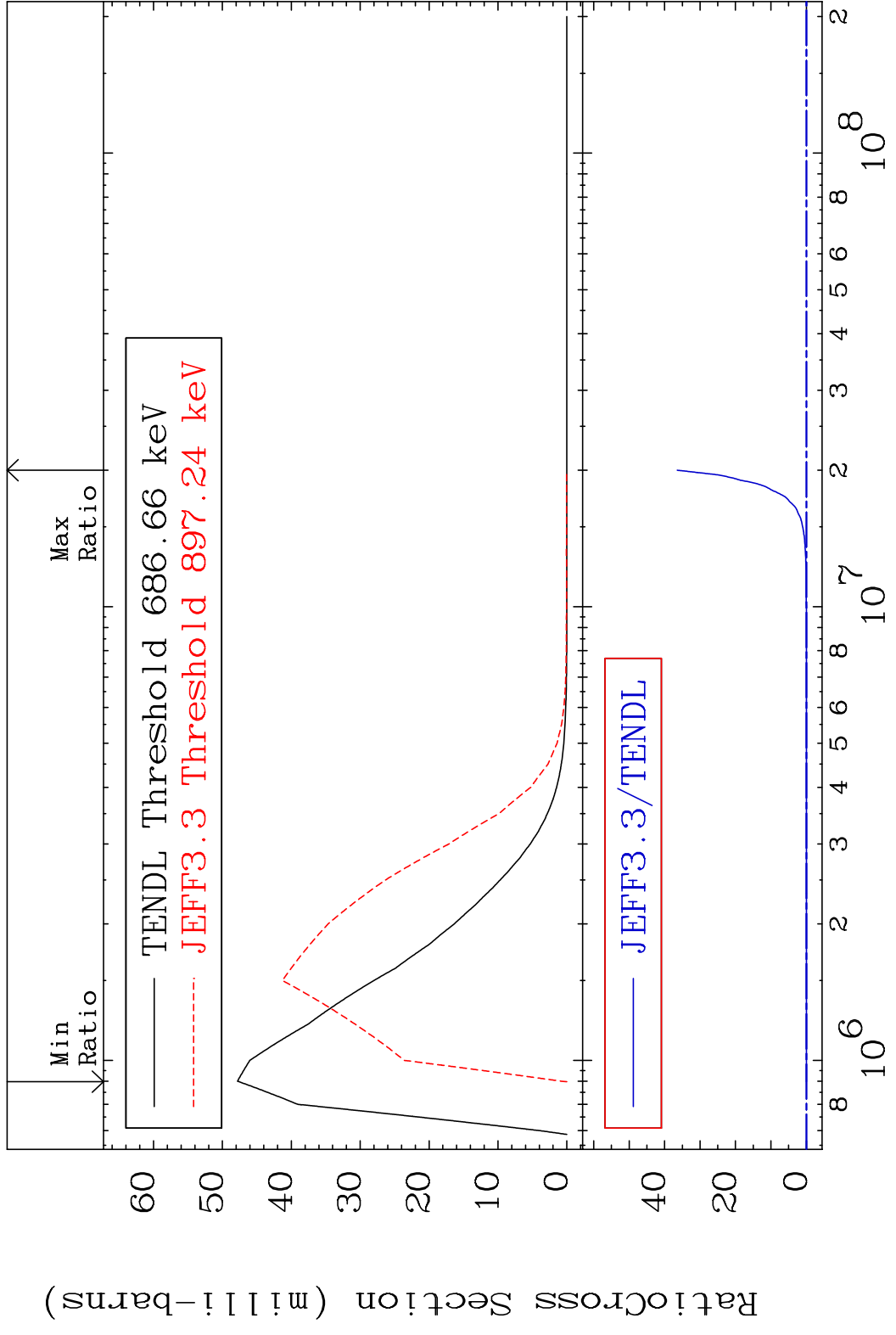
MAT 4240 MT= 56 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 9999. %



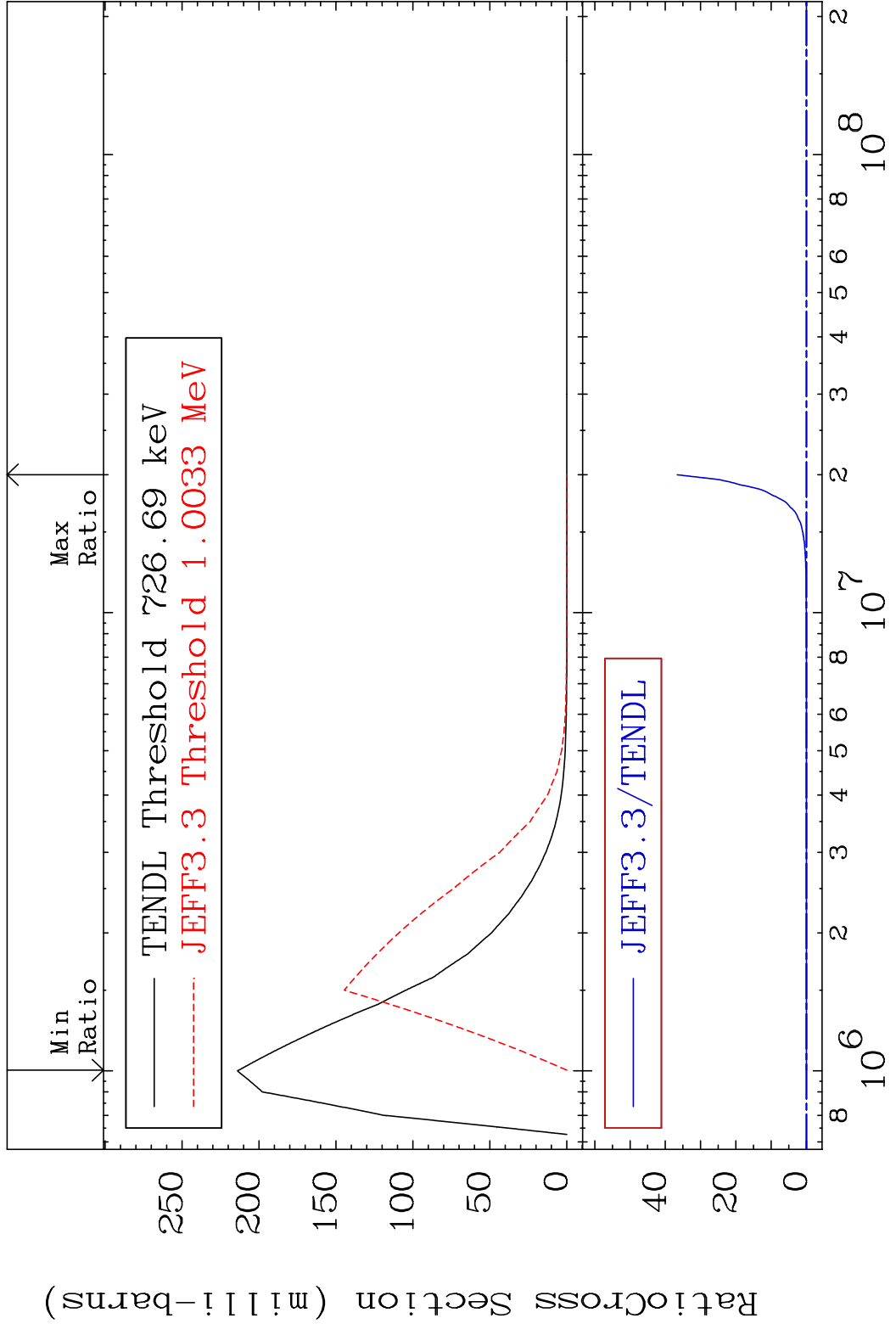
MAT 4240 MT= 57 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 9999. %



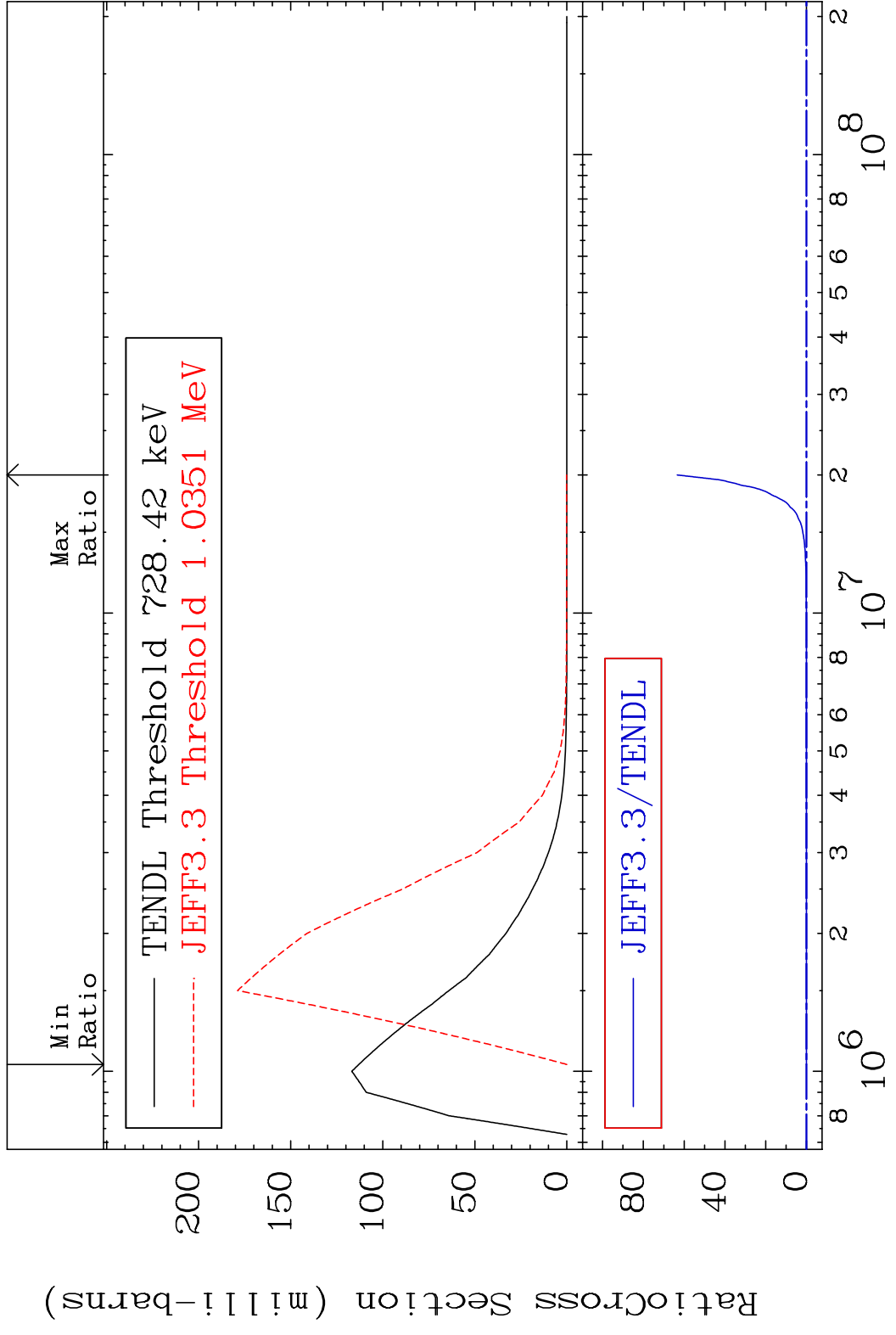
MAT 4240 MT= 58 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 9999. %



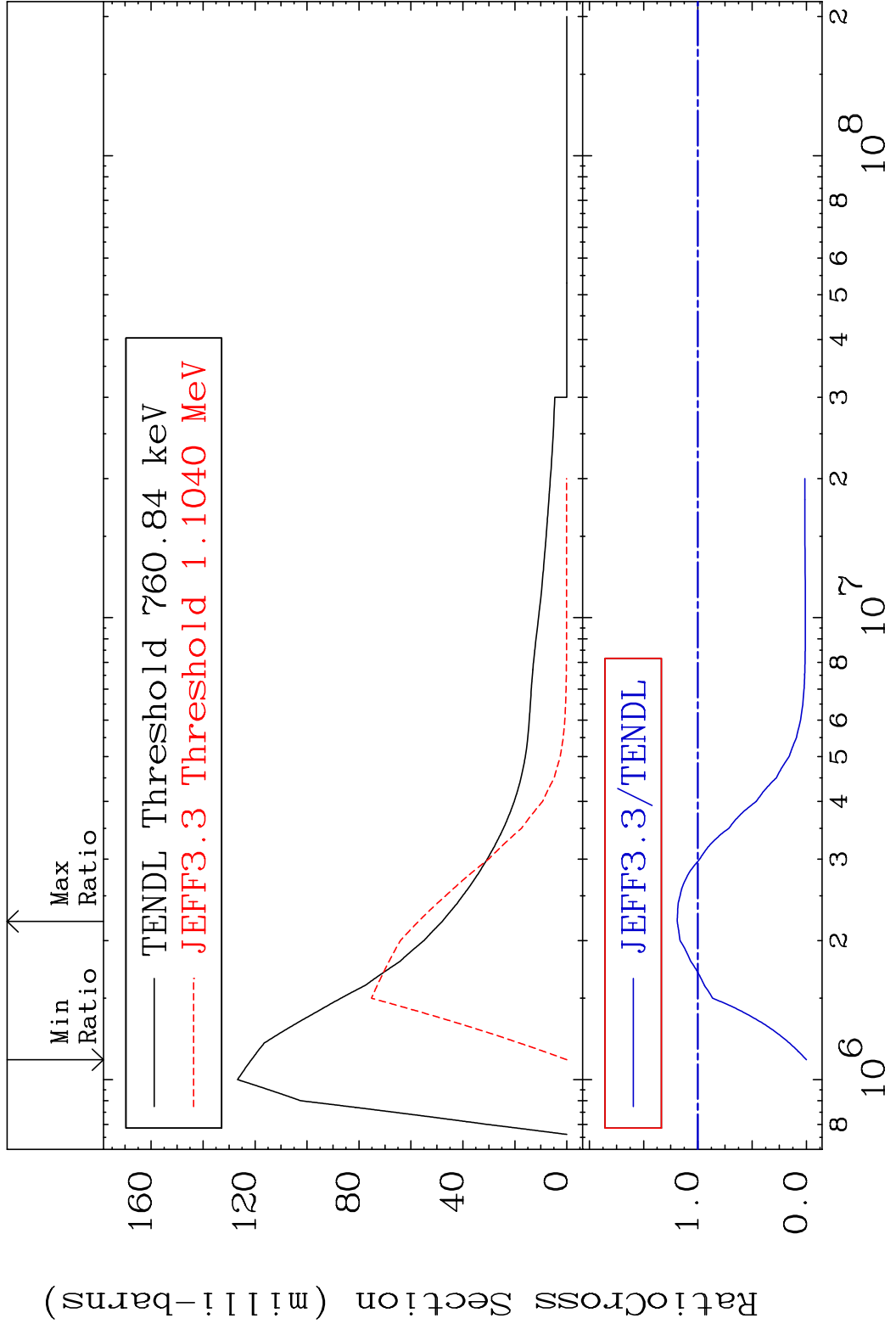
MAT 4240 MT= 59 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 9999. %



MAT 4240 MT= 60 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 9999. %

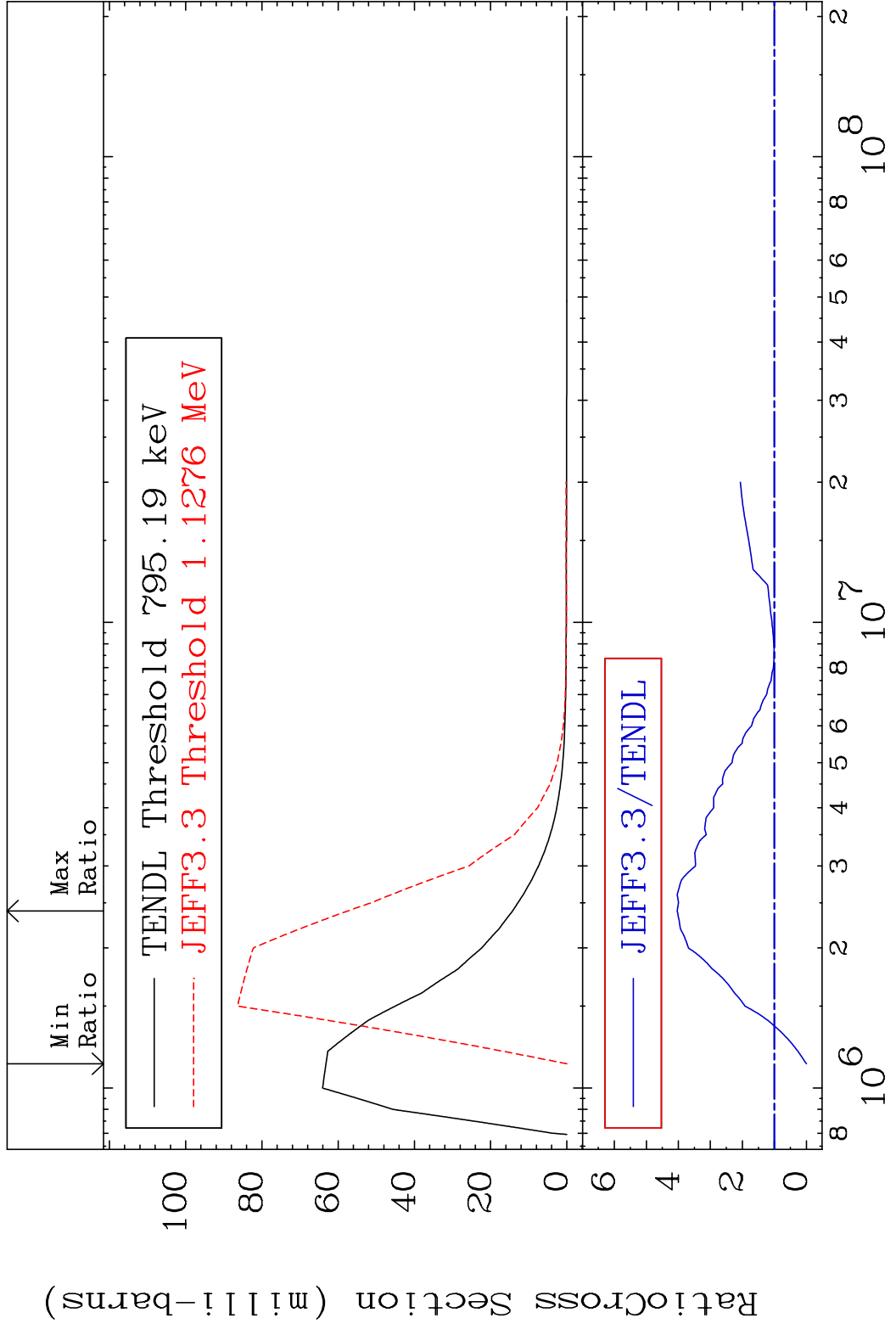


MAT 4240 MT= 61 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 19.07 %



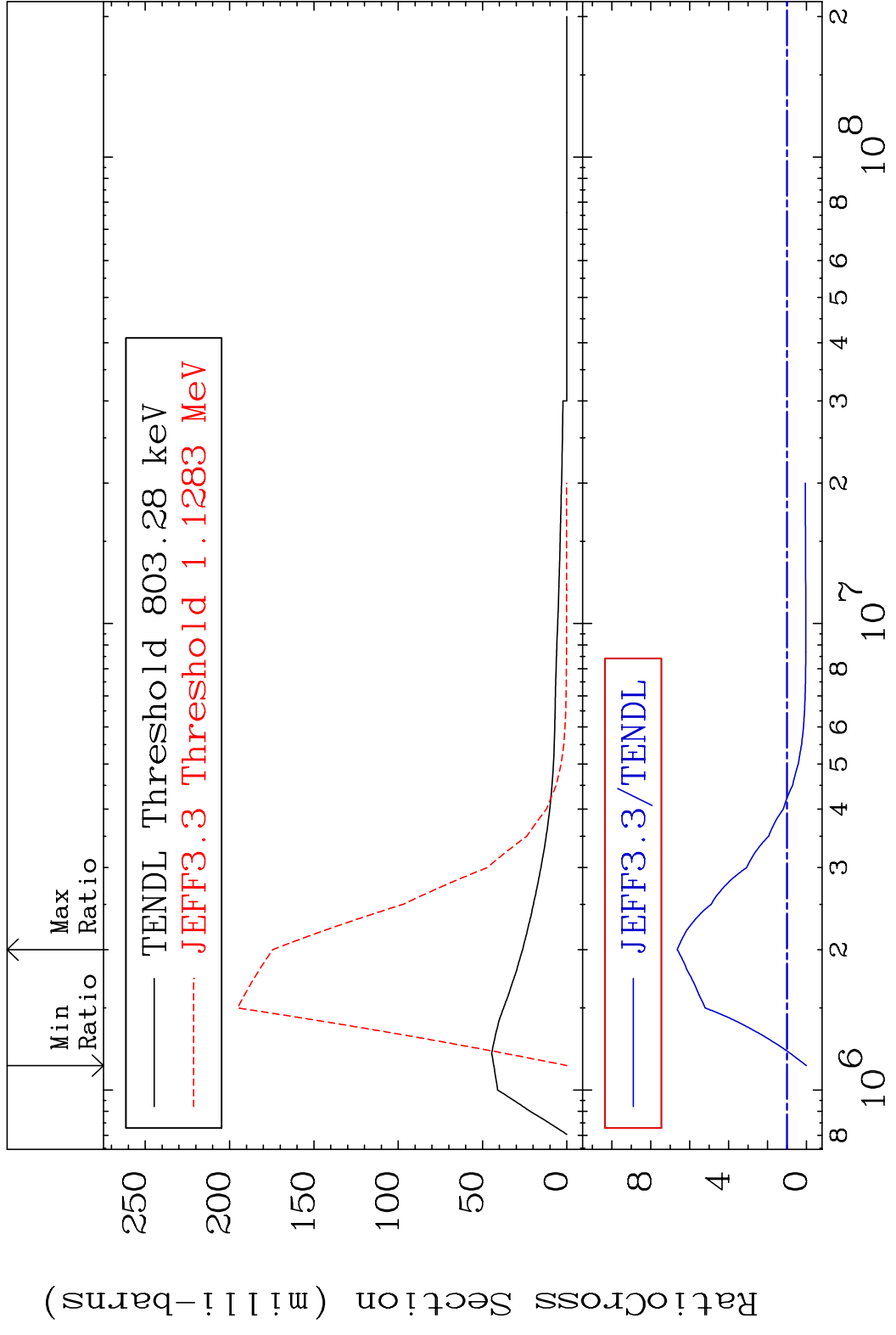
19 Incident Energy (eV) 42-Mo-97

MAT 4240 MT= 62 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 303.6 %

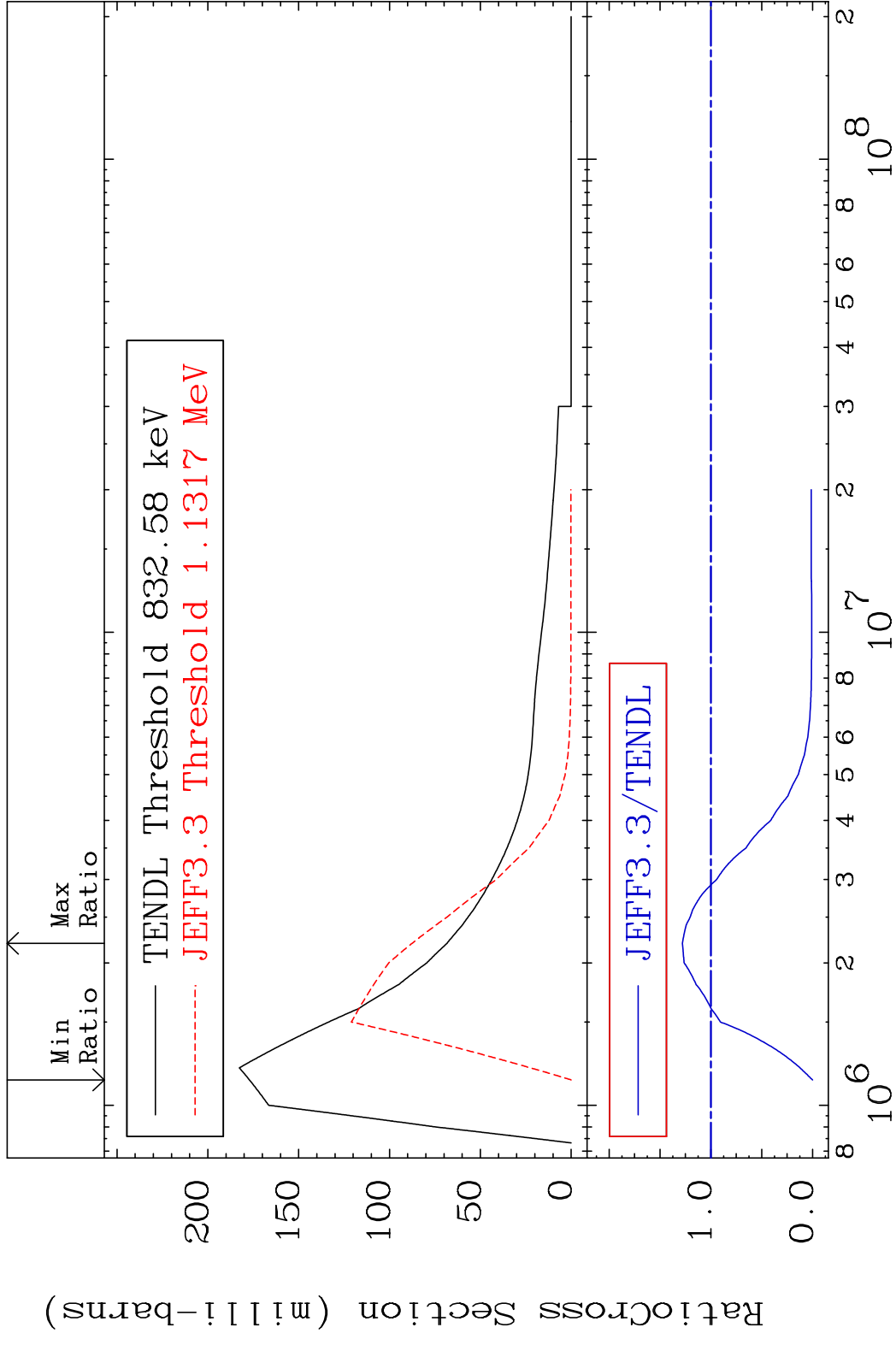


20 8 10⁶ 2 10⁷ 4 5 6 8 10⁸ 2

MAT 4240 MT= 63 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 564.1 %

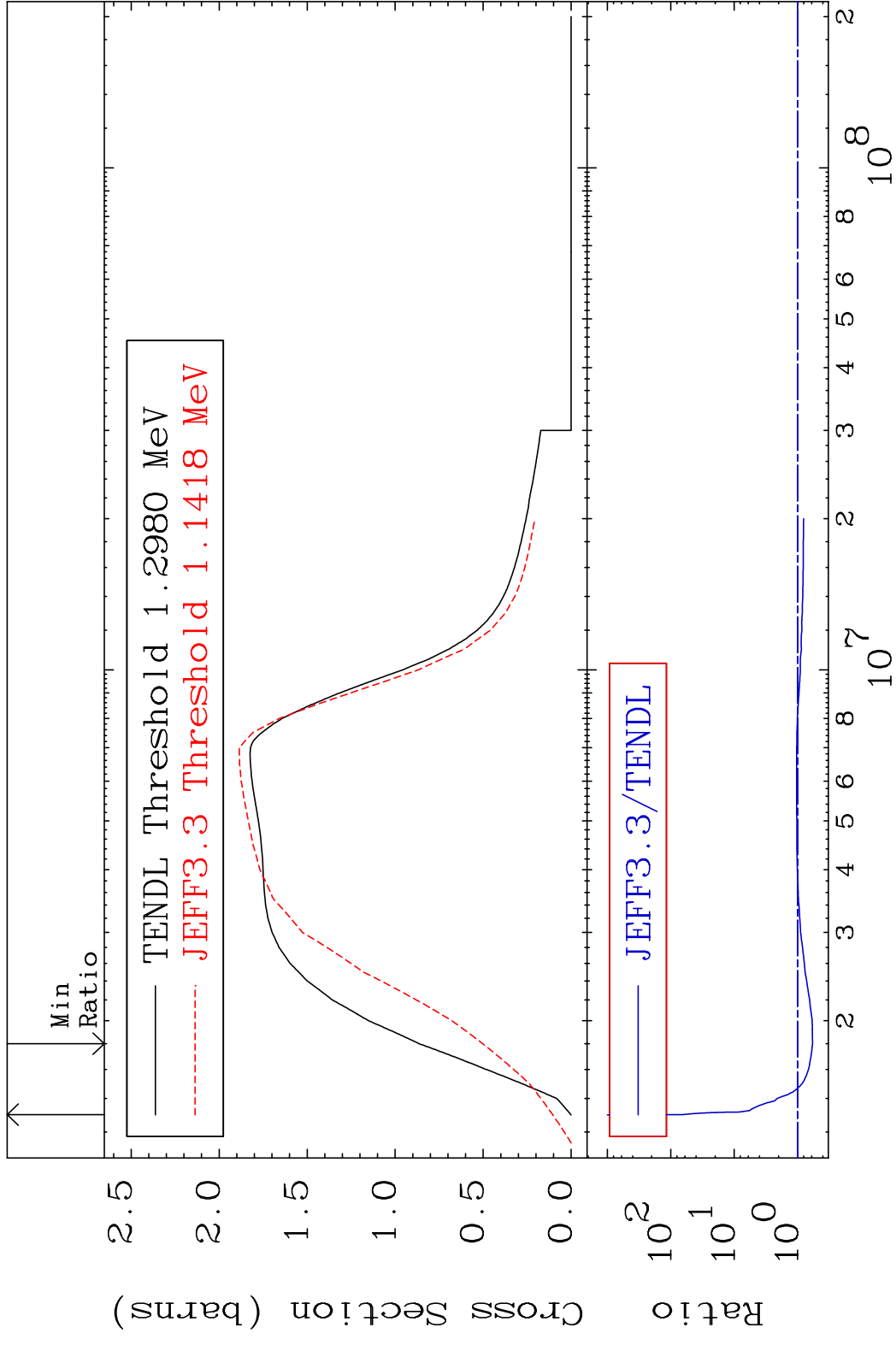


MAT 4240 MT= 64 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 28.03 %



22 Incident Energy (eV) 42-Mo-97

MAT 4240 (n, n') Continuum 42-Mo-97
 Cross Section -41.80 To 6471. %

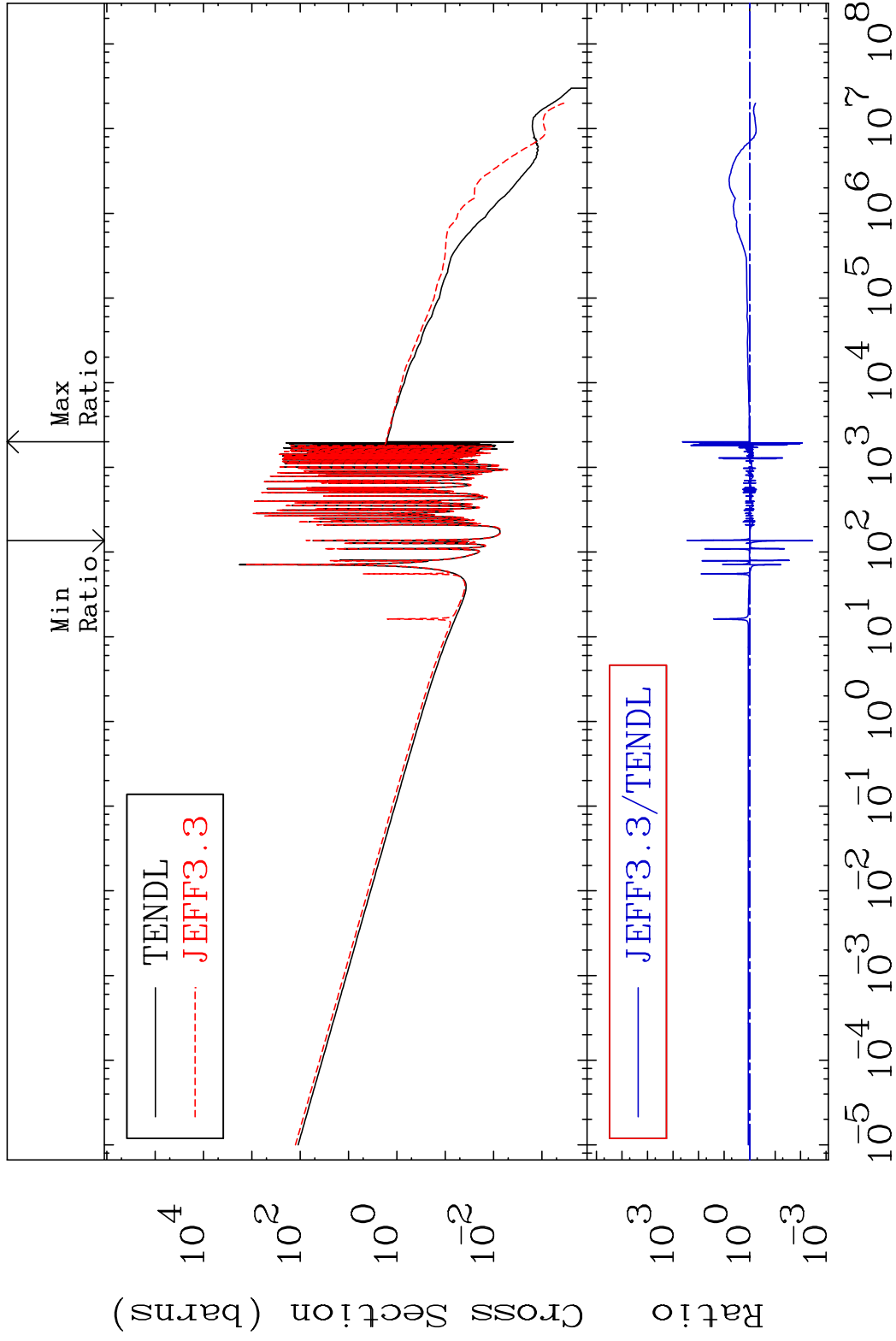


MAT 4240

(n, γ)

42-Mo-97

Cross Section -99.66 To 9999. %

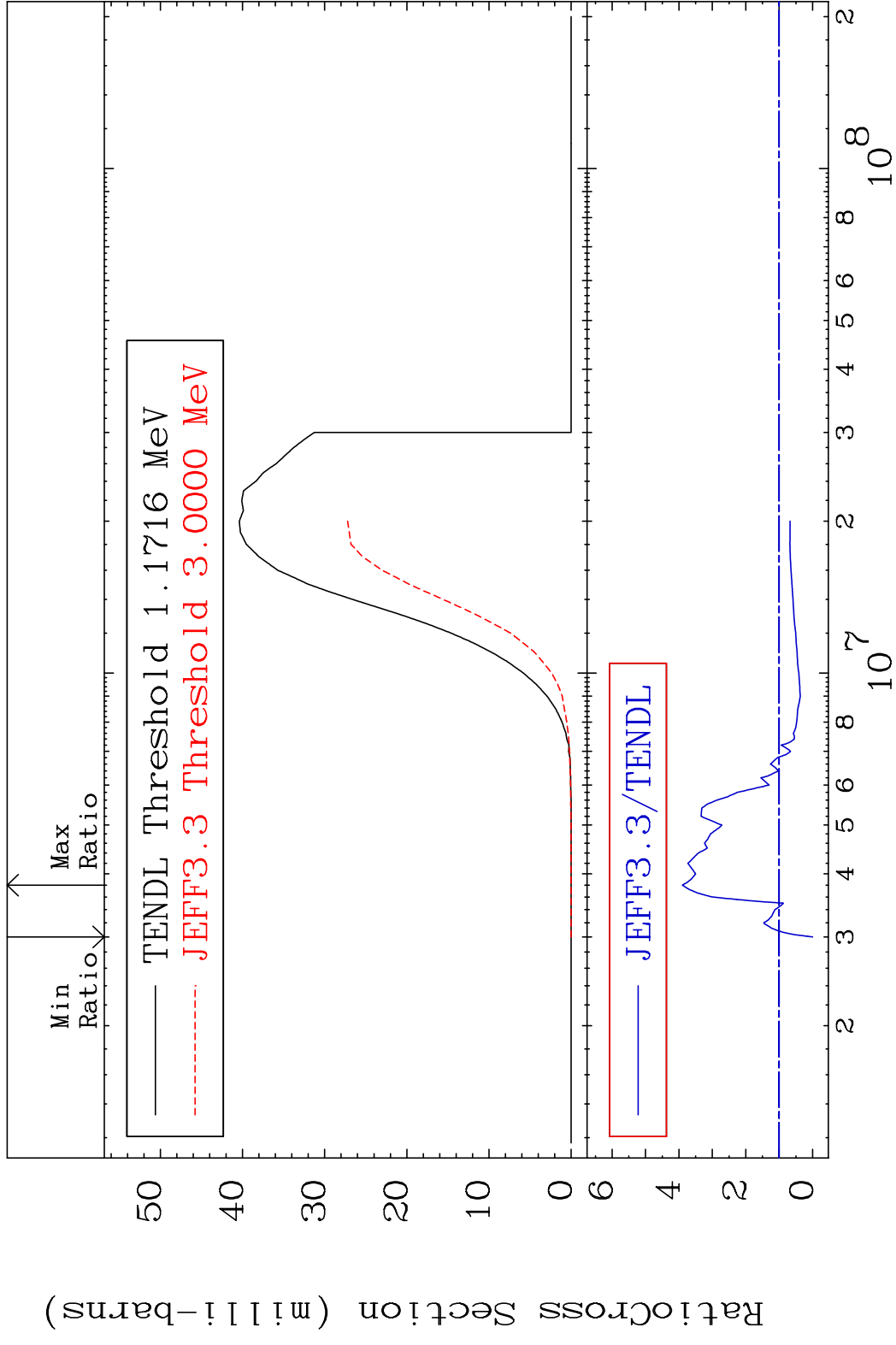


24

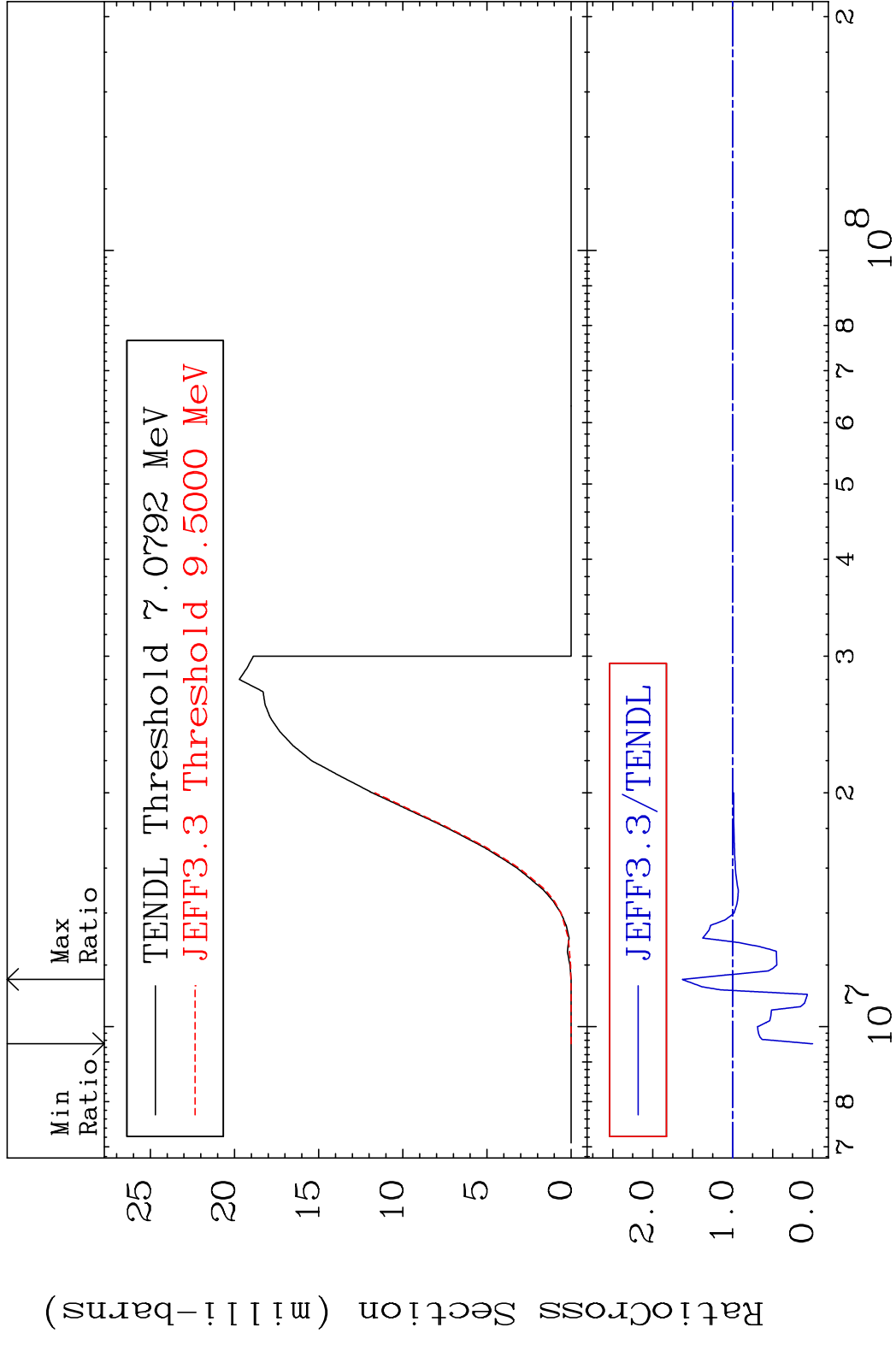
Incident Energy (eV)

42-Mo-97

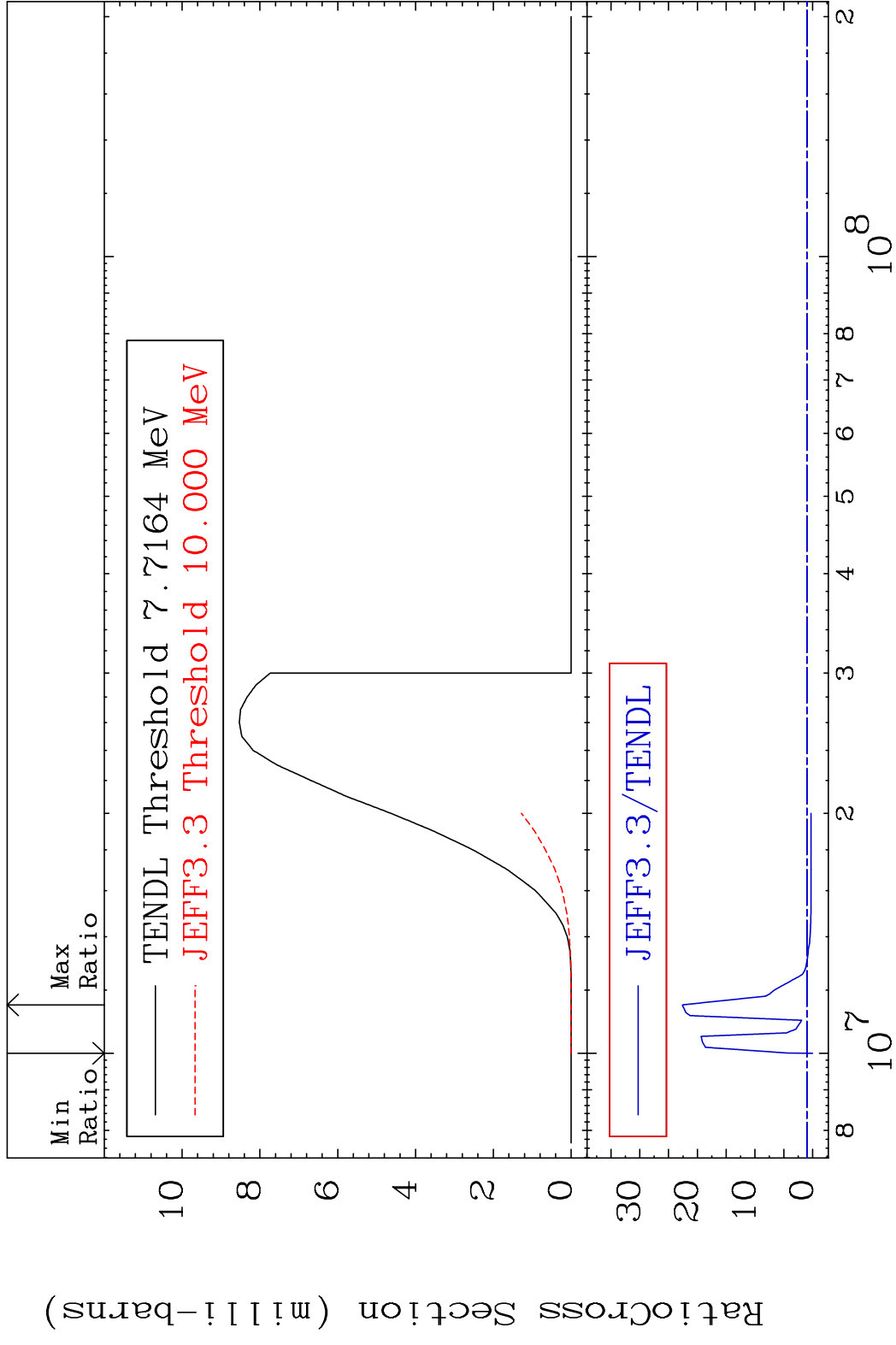
MAT 4240 (n,p) 42-Mo-97
 Cross Section -100.0 To 289.7 %



MAT 4240 (n,d) 42-Mo-97
 Cross Section -100.0 To 62.95 %



MAT 4240 (n, t) 42-Mo-97
 Cross Section -100.0 To 2161. %

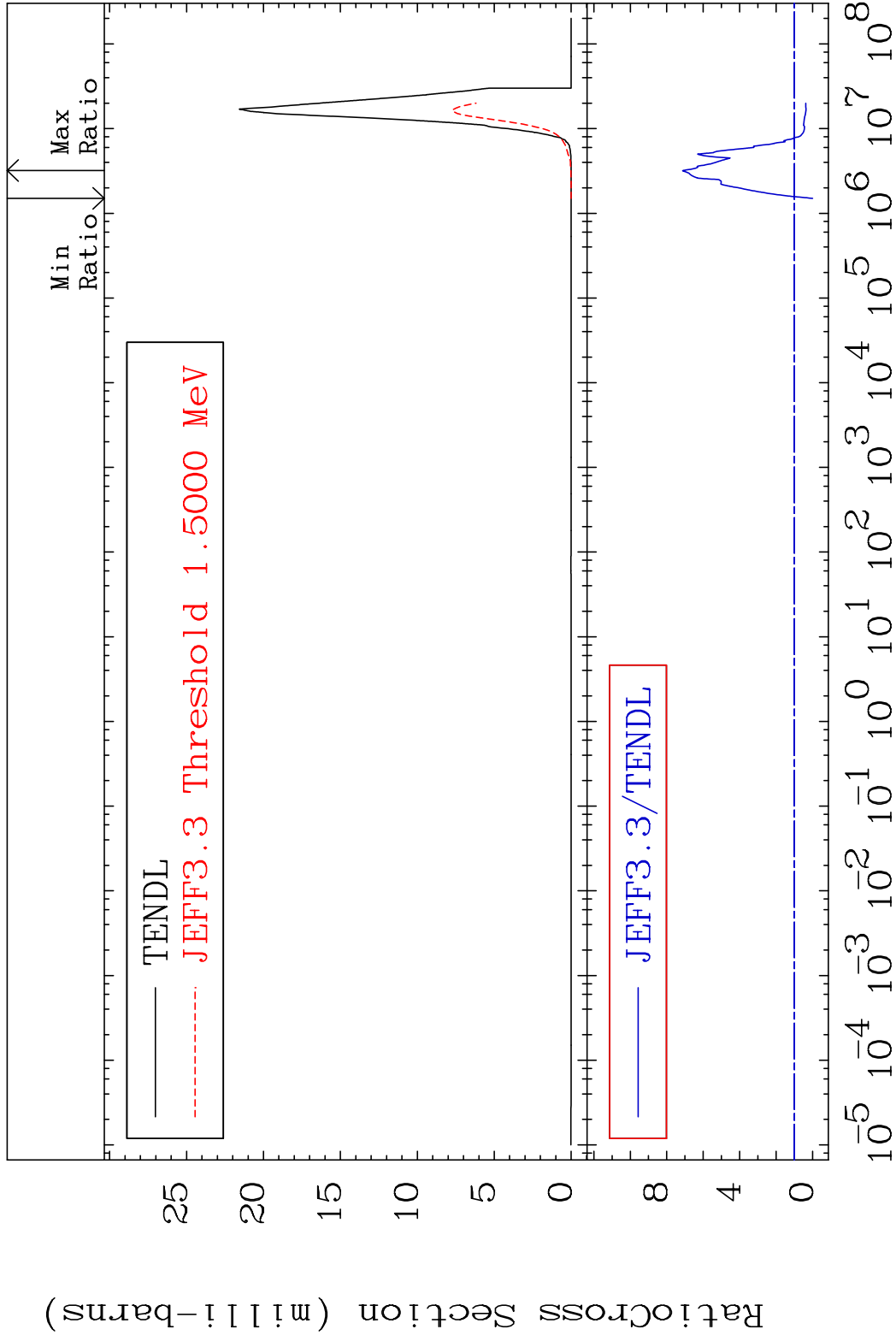


MAT 4240

(n, α)

42-Mo-97

Cross Section -100.0 To 614.3 %

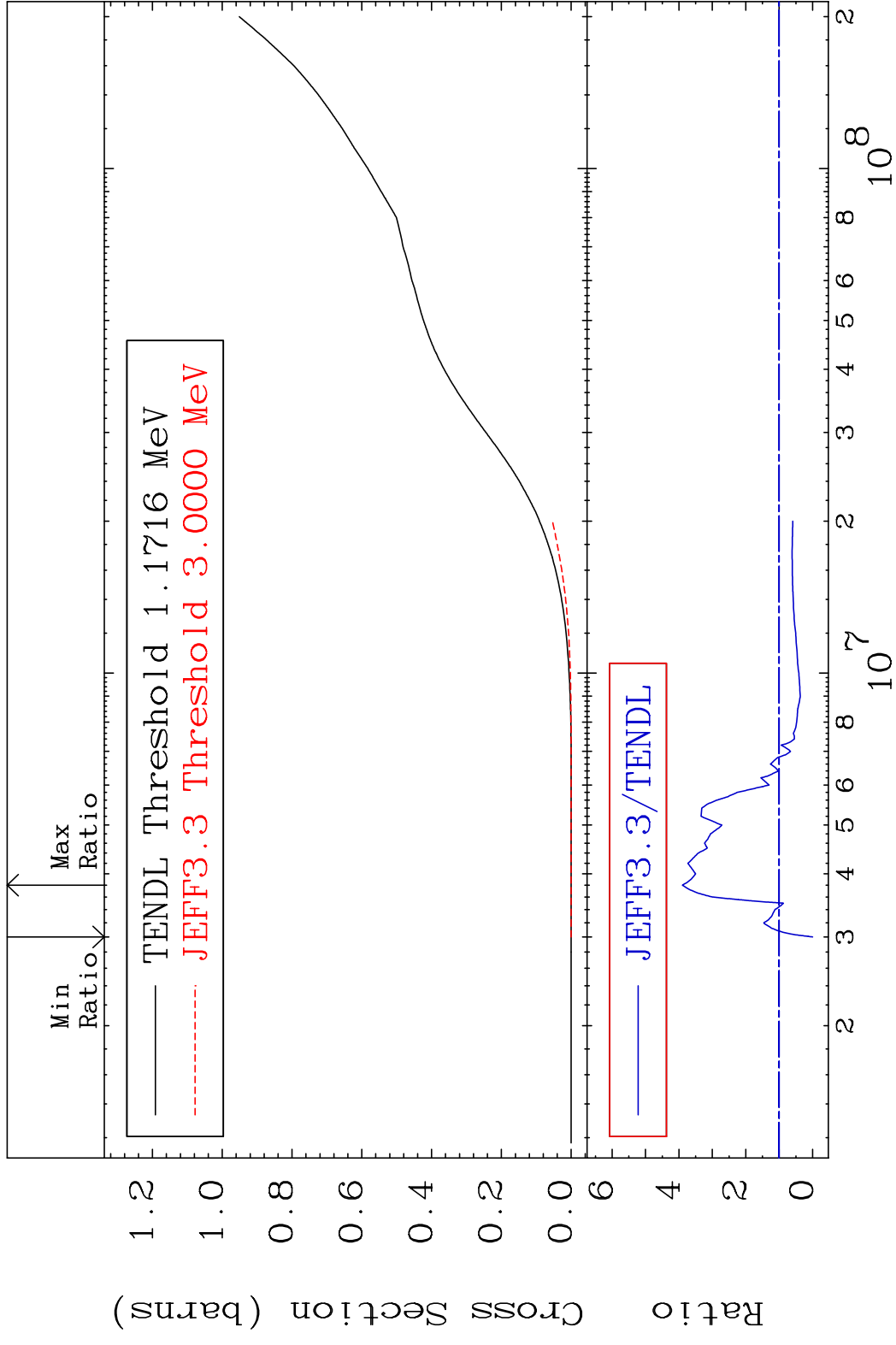


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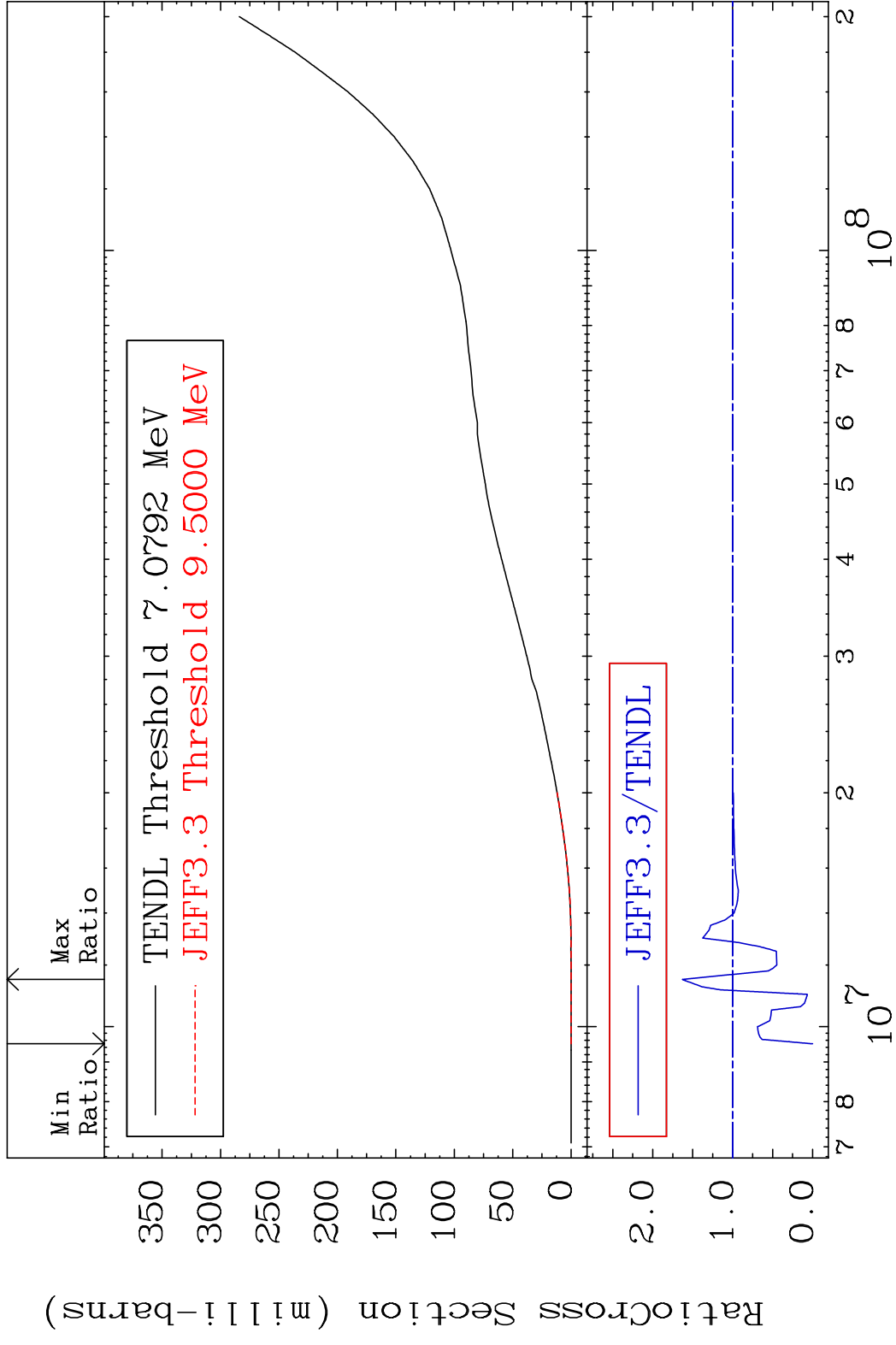
Incident Energy (eV)

42-Mo-97

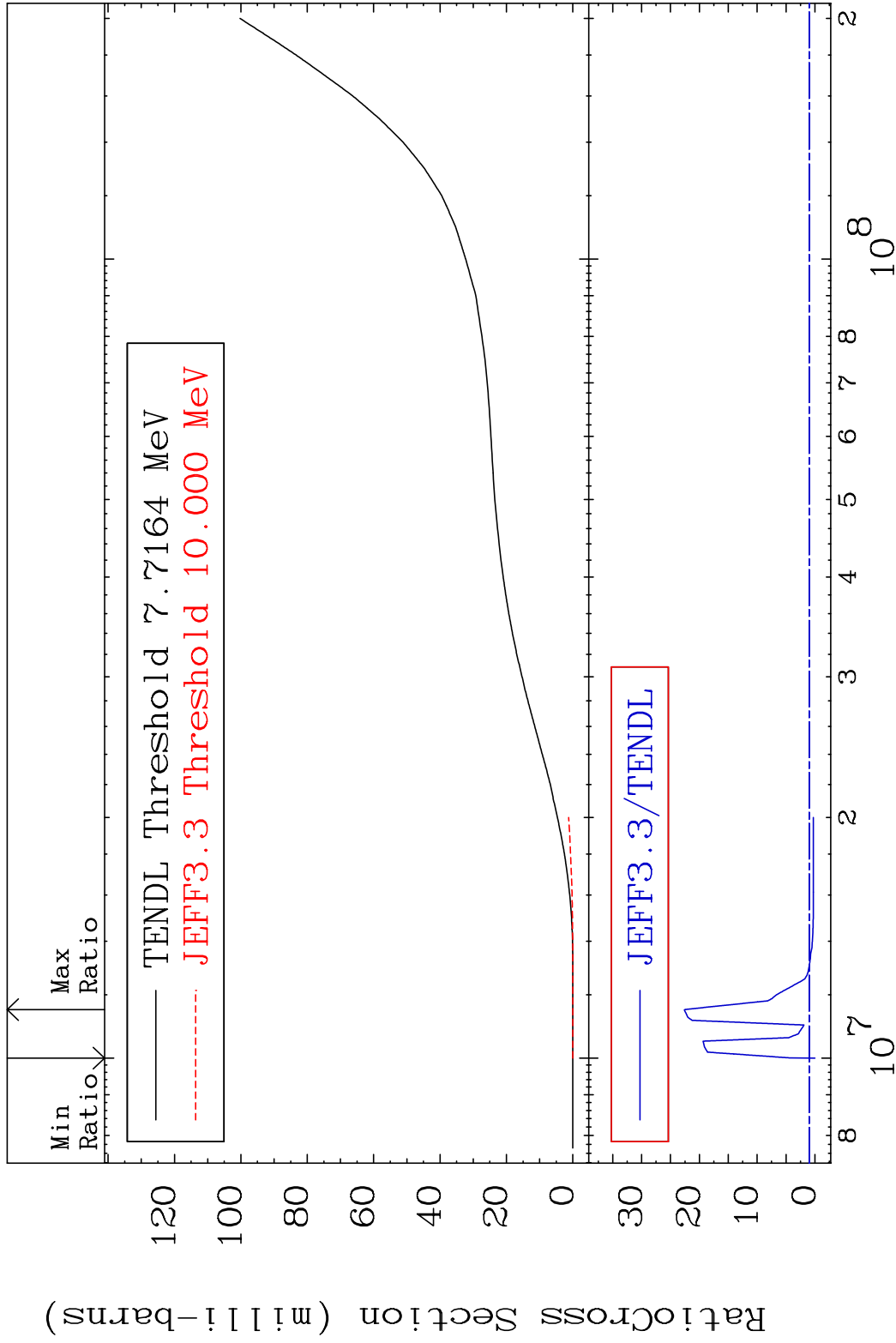
Cross Section -100.0 To 289.7 %



MAT 4240 Deuterium Production 42-Mo-97
 Cross Section -100.0 To 62.95 %



Cross Section -100.0 To 2161. %

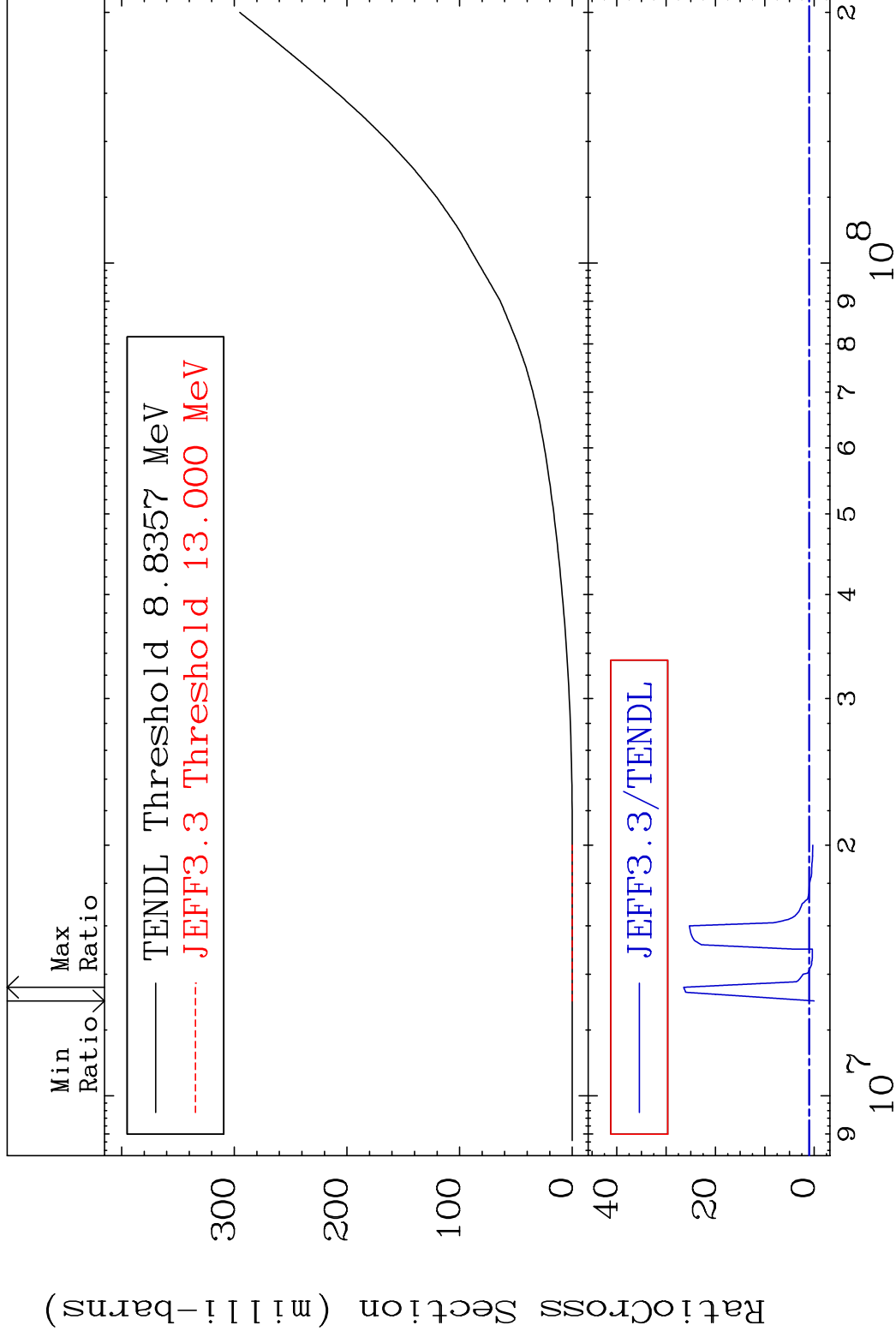


MAT 4240

He-3 Production

42-Mo-97

Cross Section -100.0 To 2544. %



33

Incident Energy (eV)

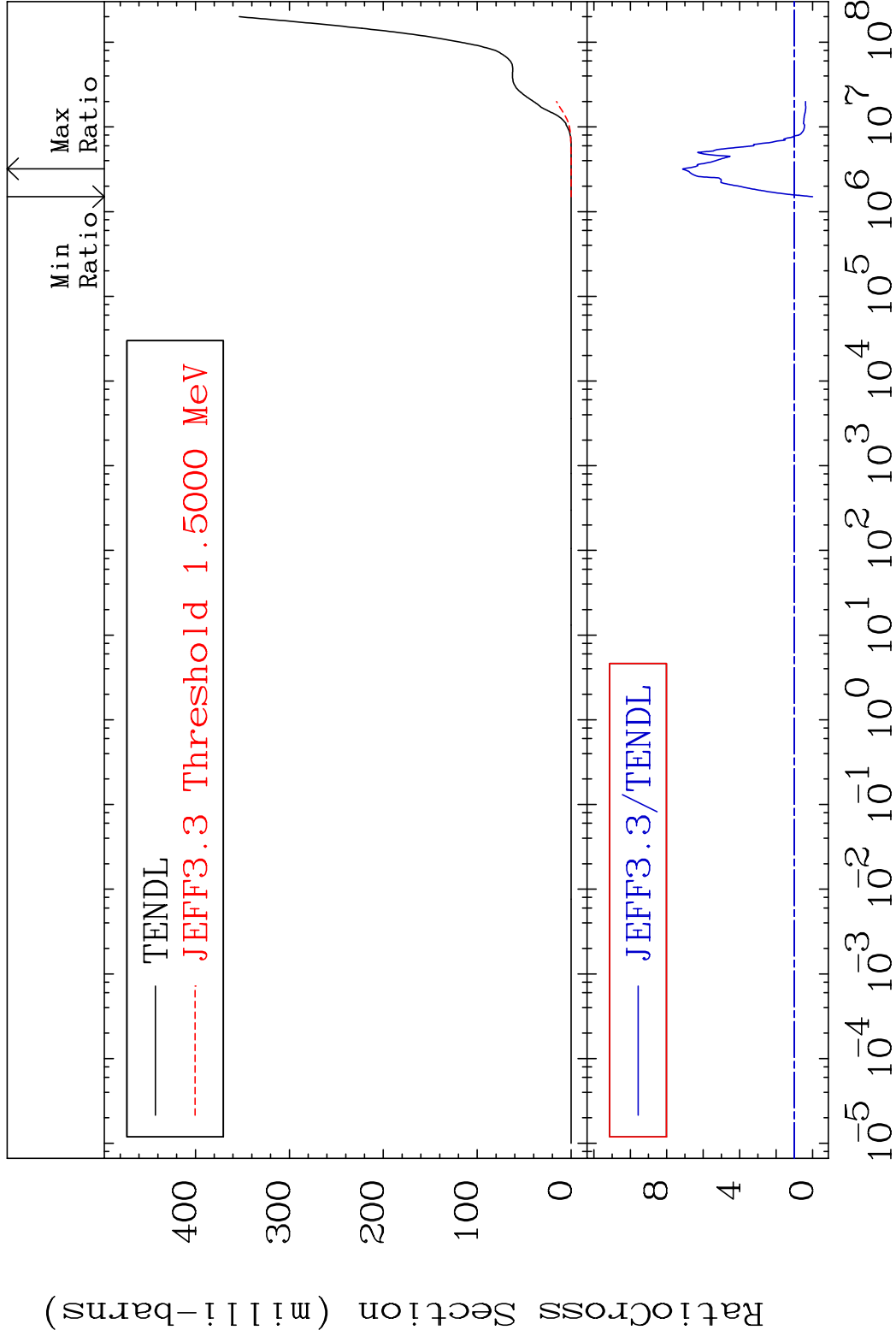
42-Mo-97

MAT 4240

He-4 Production

42-Mo-97

Cross Section -100.0 To 614.3 %

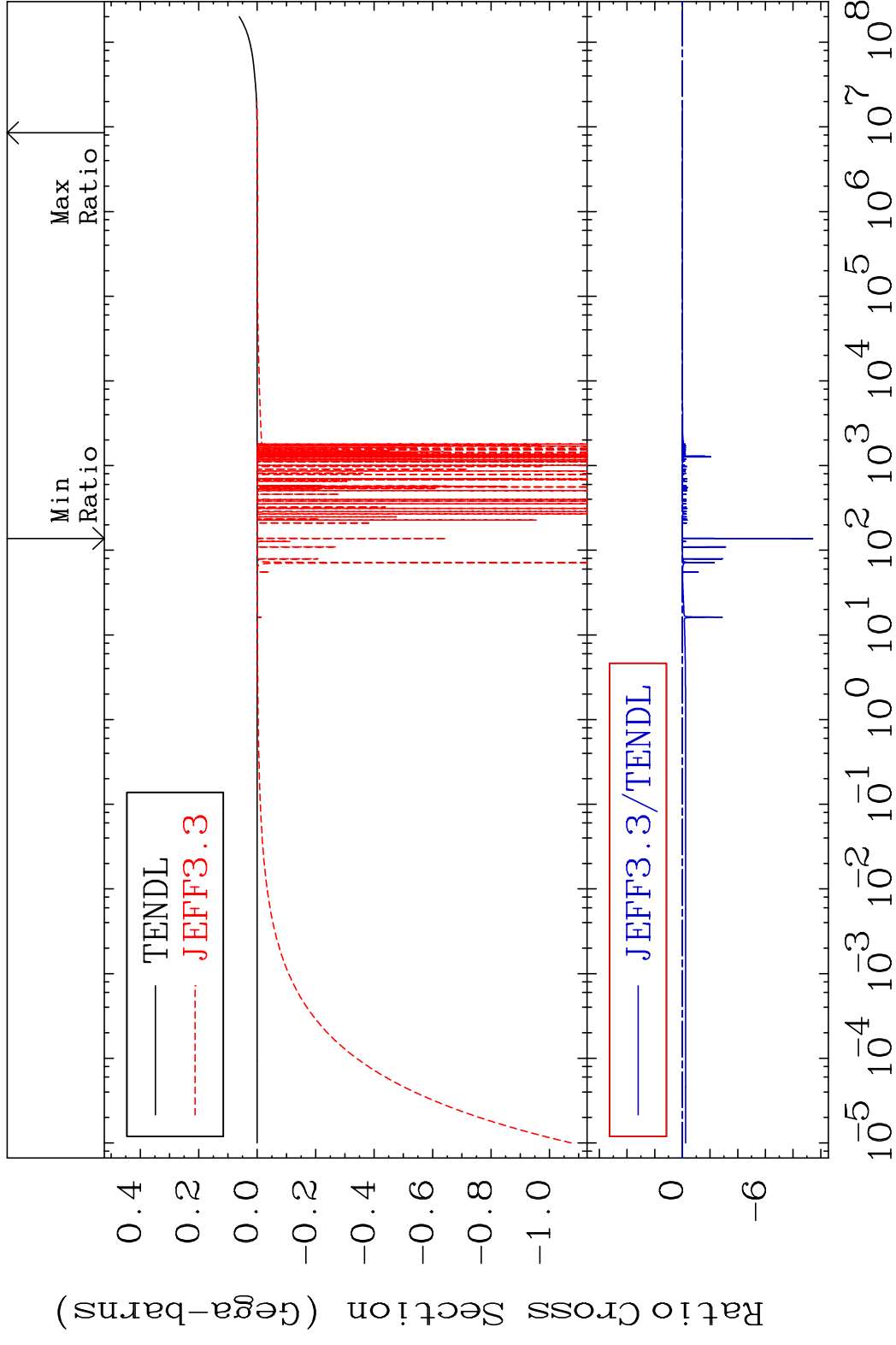


34

Incident Energy (eV)

42-Mo-97

MAT 4240 Kerma total (eV-barns) 42-Mo-97
 Cross Section -9999. To -38.43%

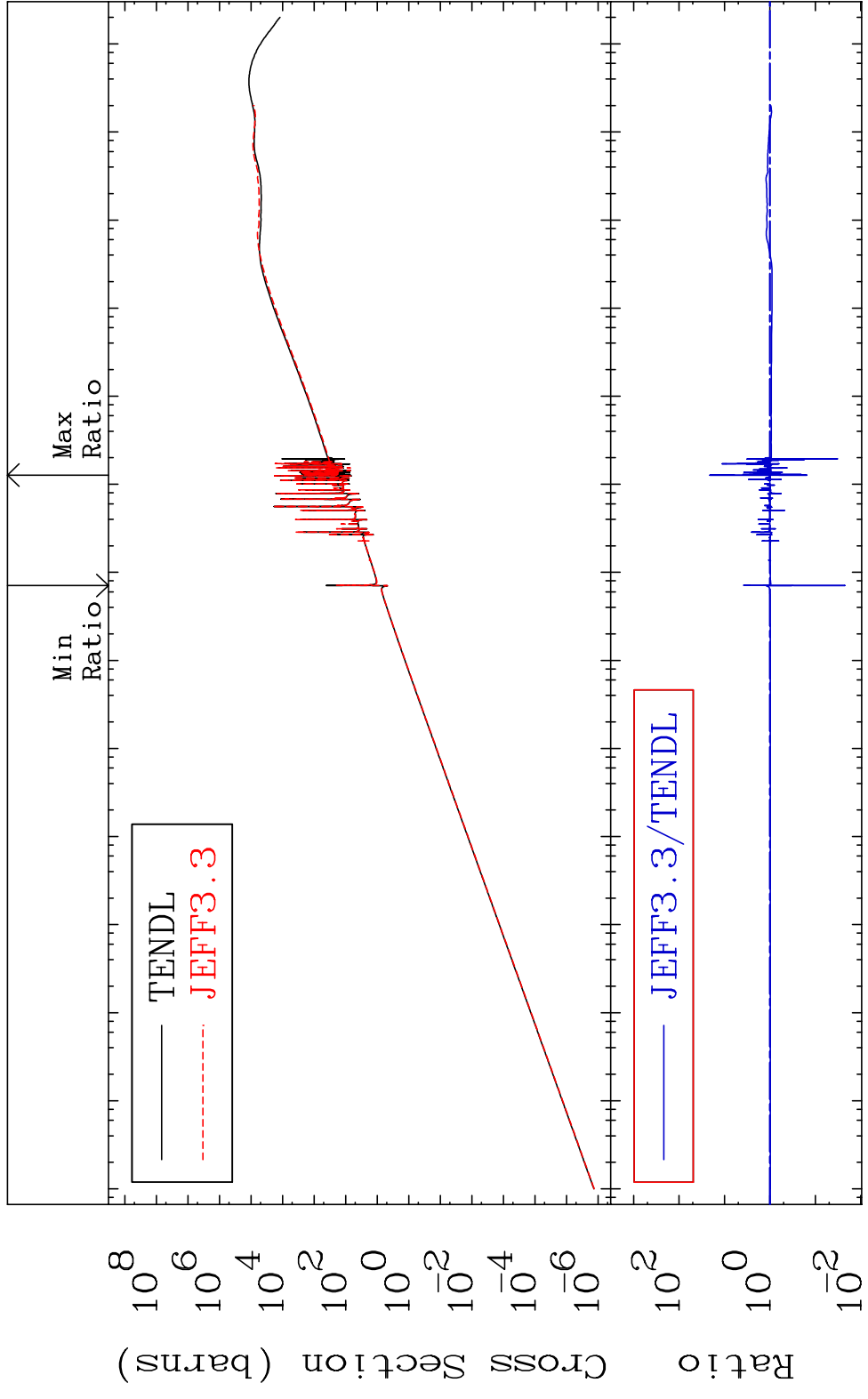


35 Incident Energy (eV) 42-Mo-97

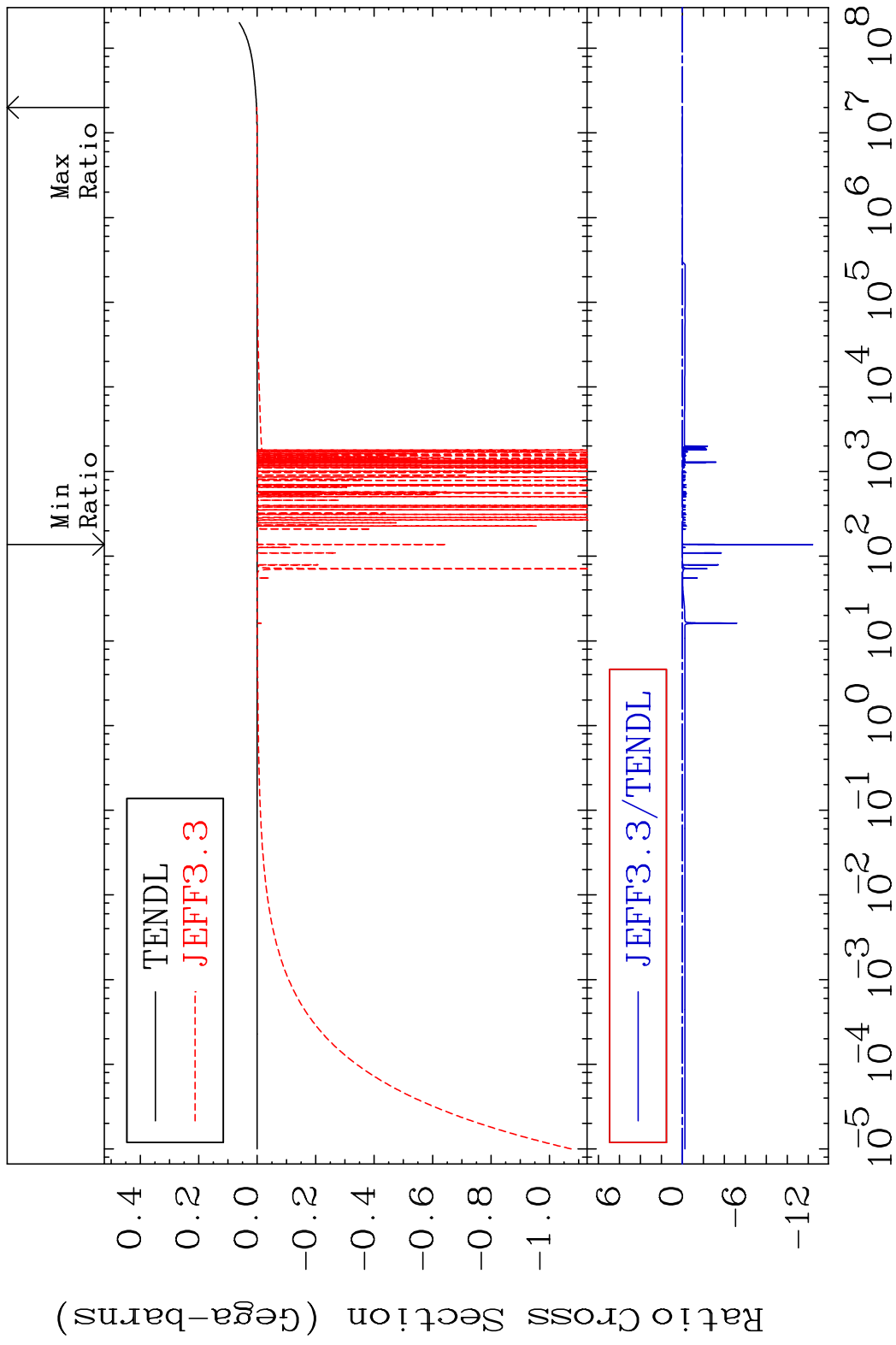
MAT 4240

Kerma elastic
Cross Section

-97.80 To 2010. %
42-Mo-97

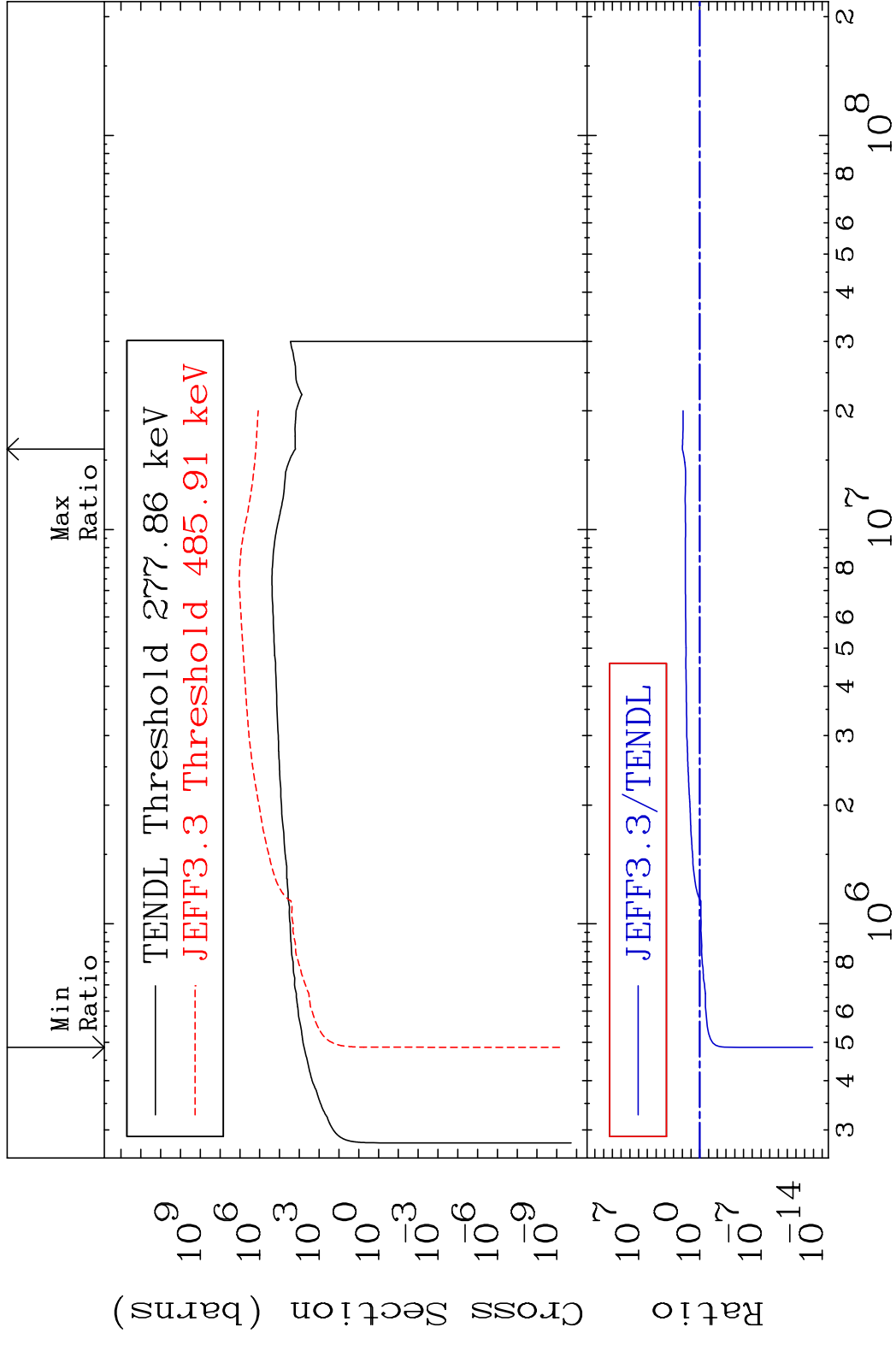


MAT 4240 Kerma non-elastic (all but mt2) 42-Mo-97
 Cross Section -9999. To -50.41%

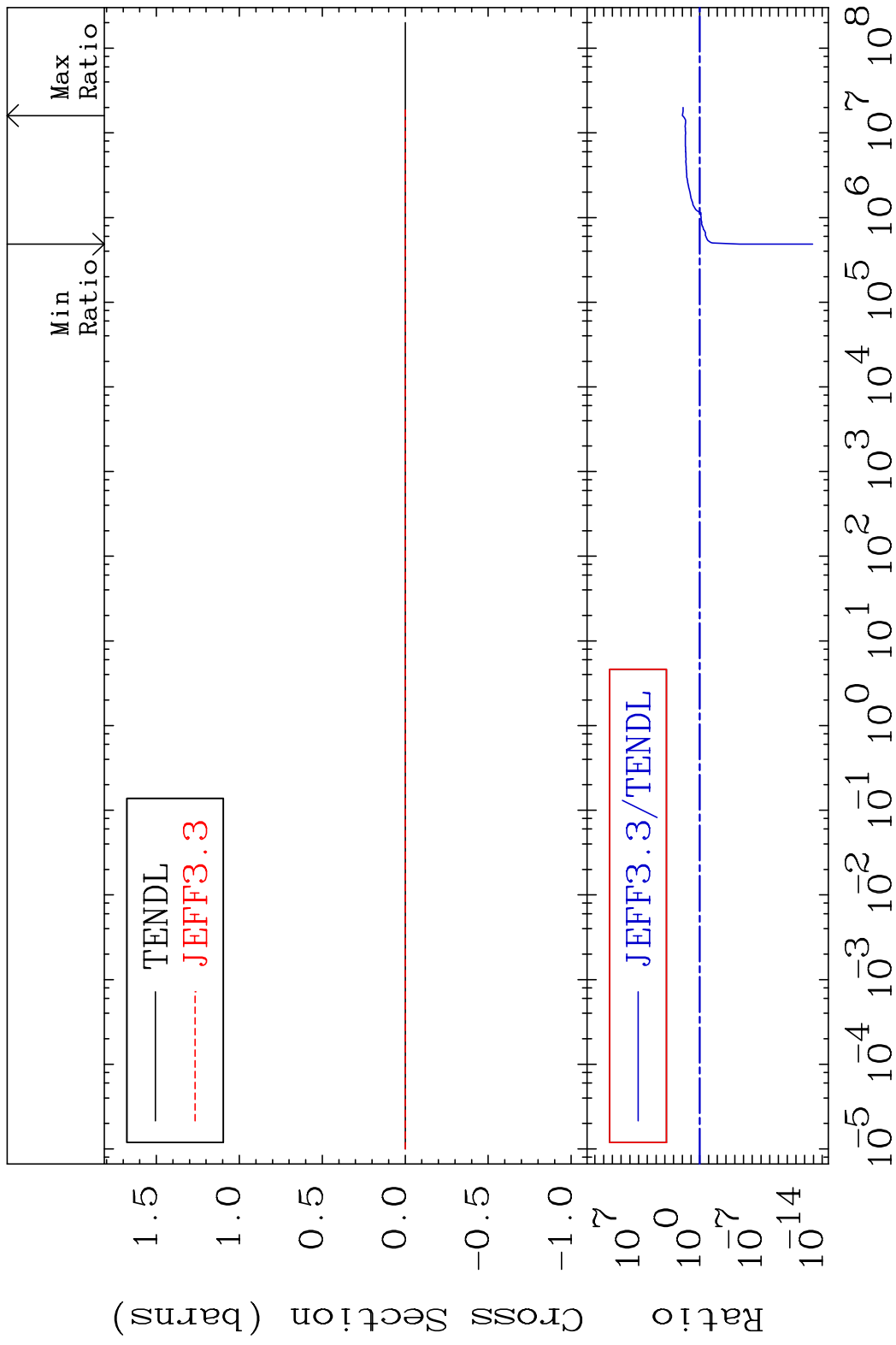


37 Incident Energy (eV) 42-Mo-97

MAT 4240 Kerma inelastic (mt51-91) 42-Mo-97
 Cross Section -100.0 To 9752. %



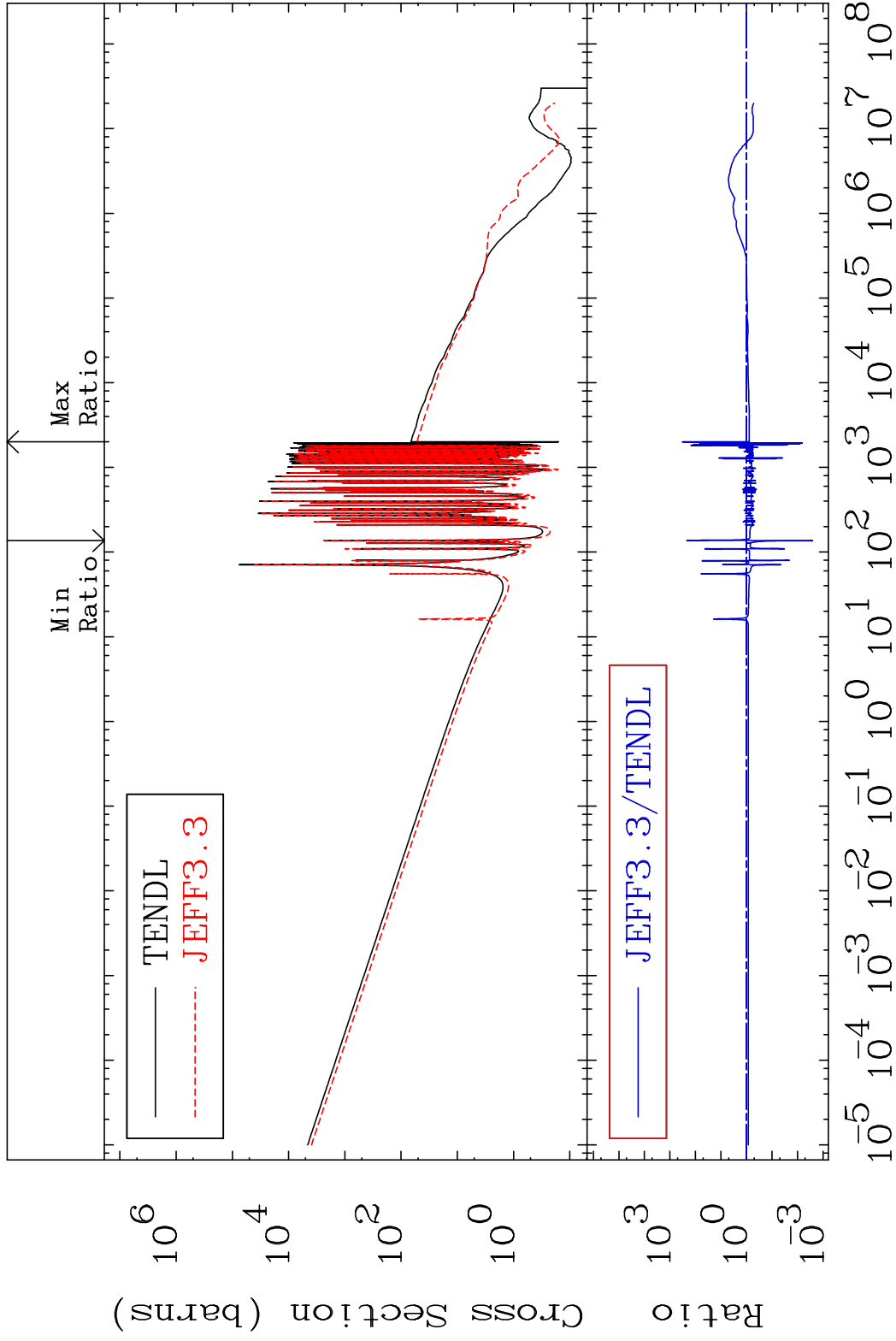
MAT 4240 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-97
 Cross Section -100.0 To 9752. %



MAT 4240

Kerma capture (mt102) 42-Mo-97

Cross Section -99.74 To 9999. %

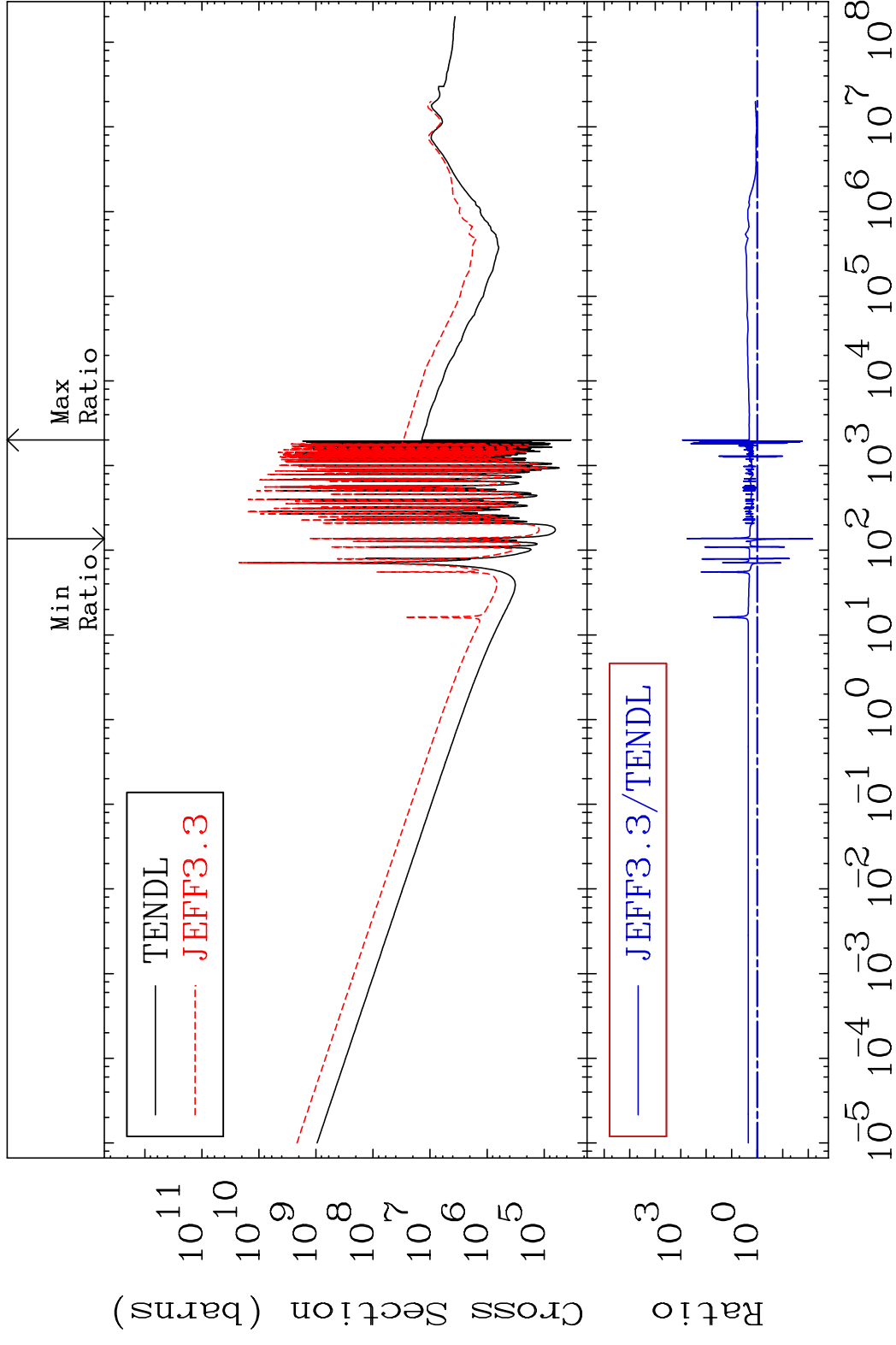


40

Incident Energy (eV)

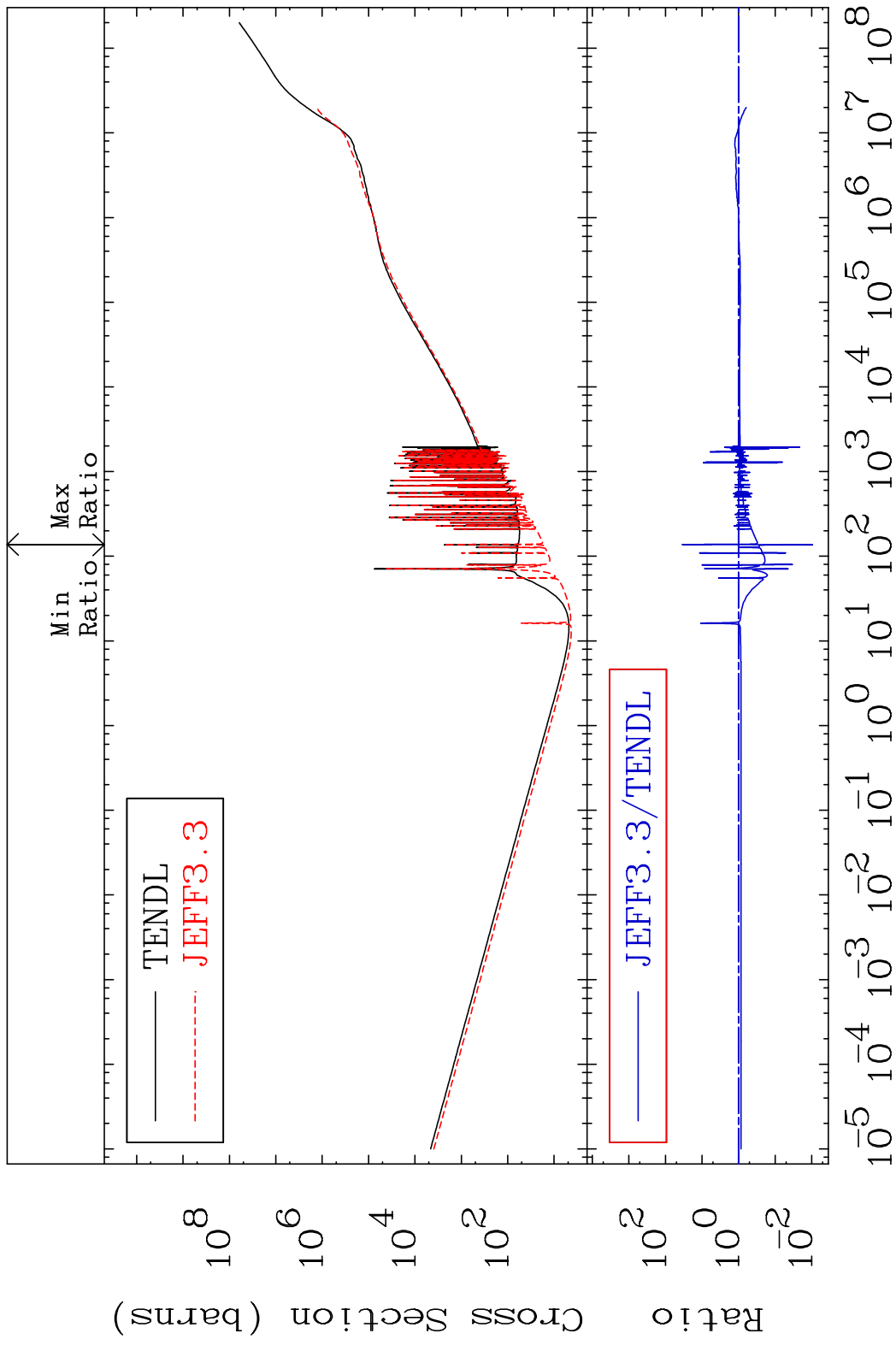
42-Mo-97

MAT 4240 Total photon (eV-barns) 42-Mo-97
 Cross Section -99.32 To 9999. %



41 Incident Energy (eV) 42-Mo-97

MAT 4240 Total kinematic kerma (high limit) 42-Mo-97
 Cross Section -99.06 To 3340. %



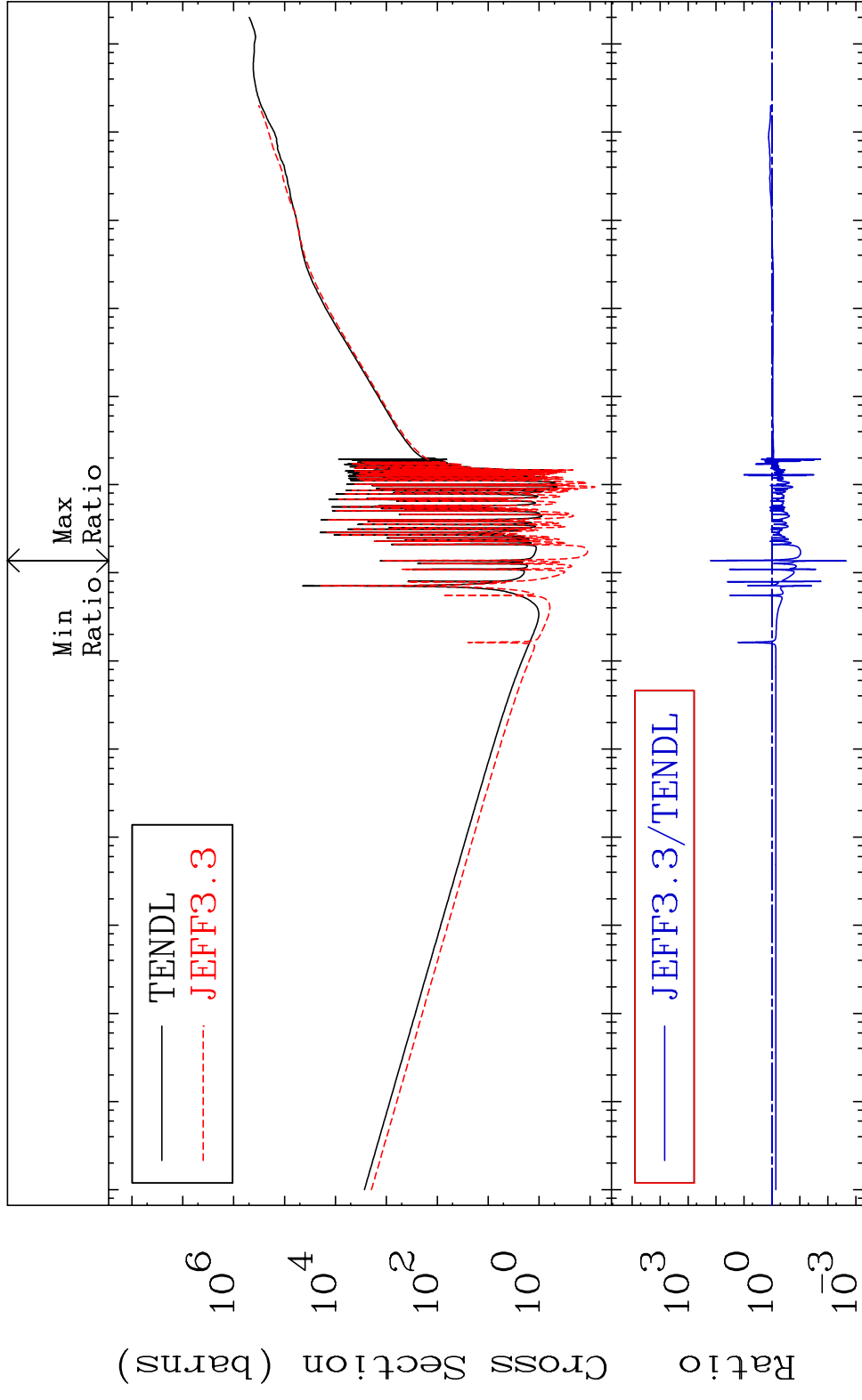
42 Incident Energy (eV) 42-Mo-97

MAT 4240

Dpa total (eV-barns)

42-Mo-97

Cross Section -99.78 To 9999. %



43

Incident Energy (eV)

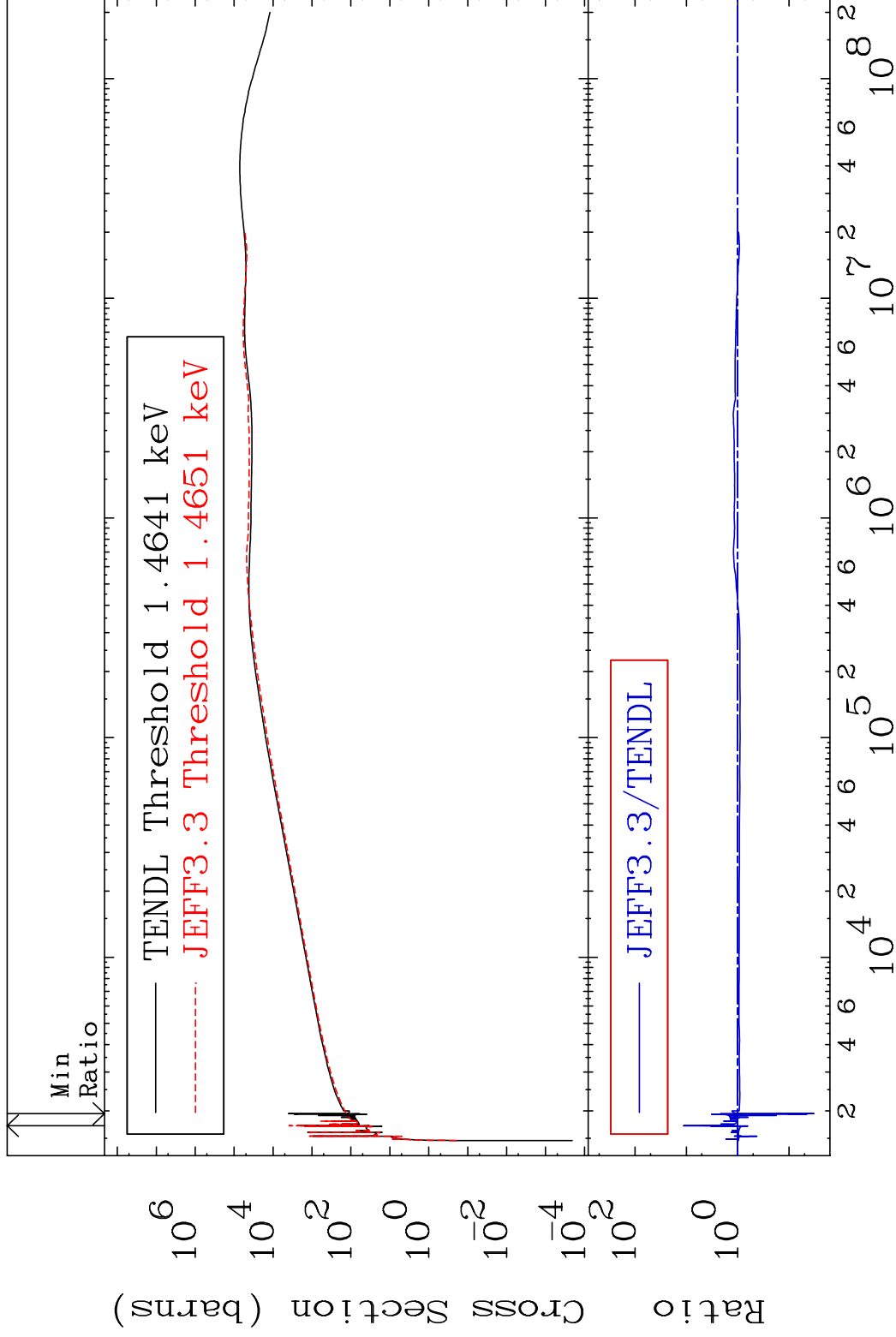
42-Mo-97

MAT 4240

Dpa elastic (mt2)

42-Mo-97

Cross Section -96.76 To 1029. %



44

Incident Energy (eV)

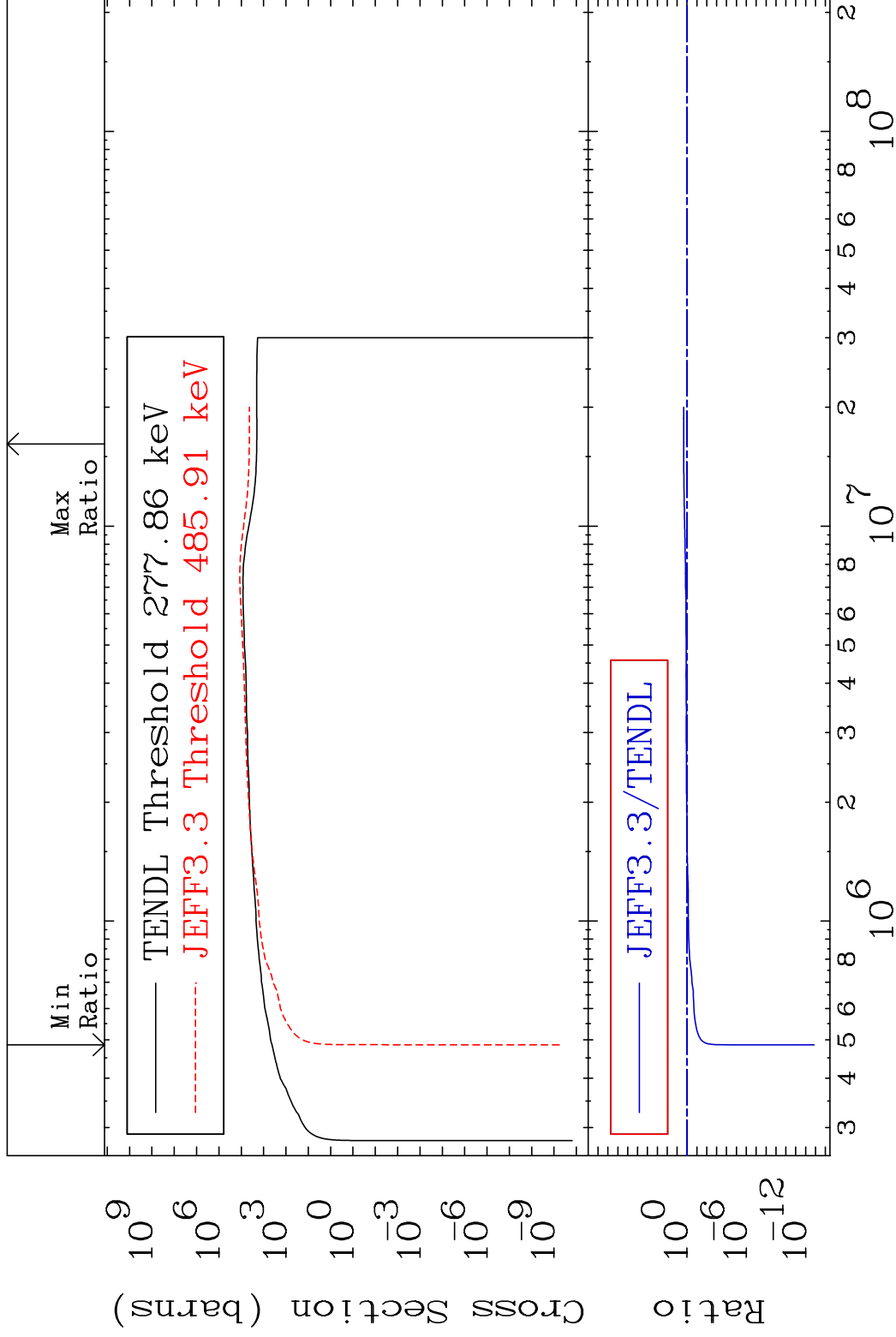
42-Mo-97

MAT 4240

Dpa inelastic (mt51-91)

42-Mo-97

Cross Section -100.0 To 117.1 %



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Incident Energy (eV)

42-Mo-97

MAT 4240 Dpa disappearance (mt102 -120) 42-Mo-97
 Cross Section -99.78 To 9999. %

