

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

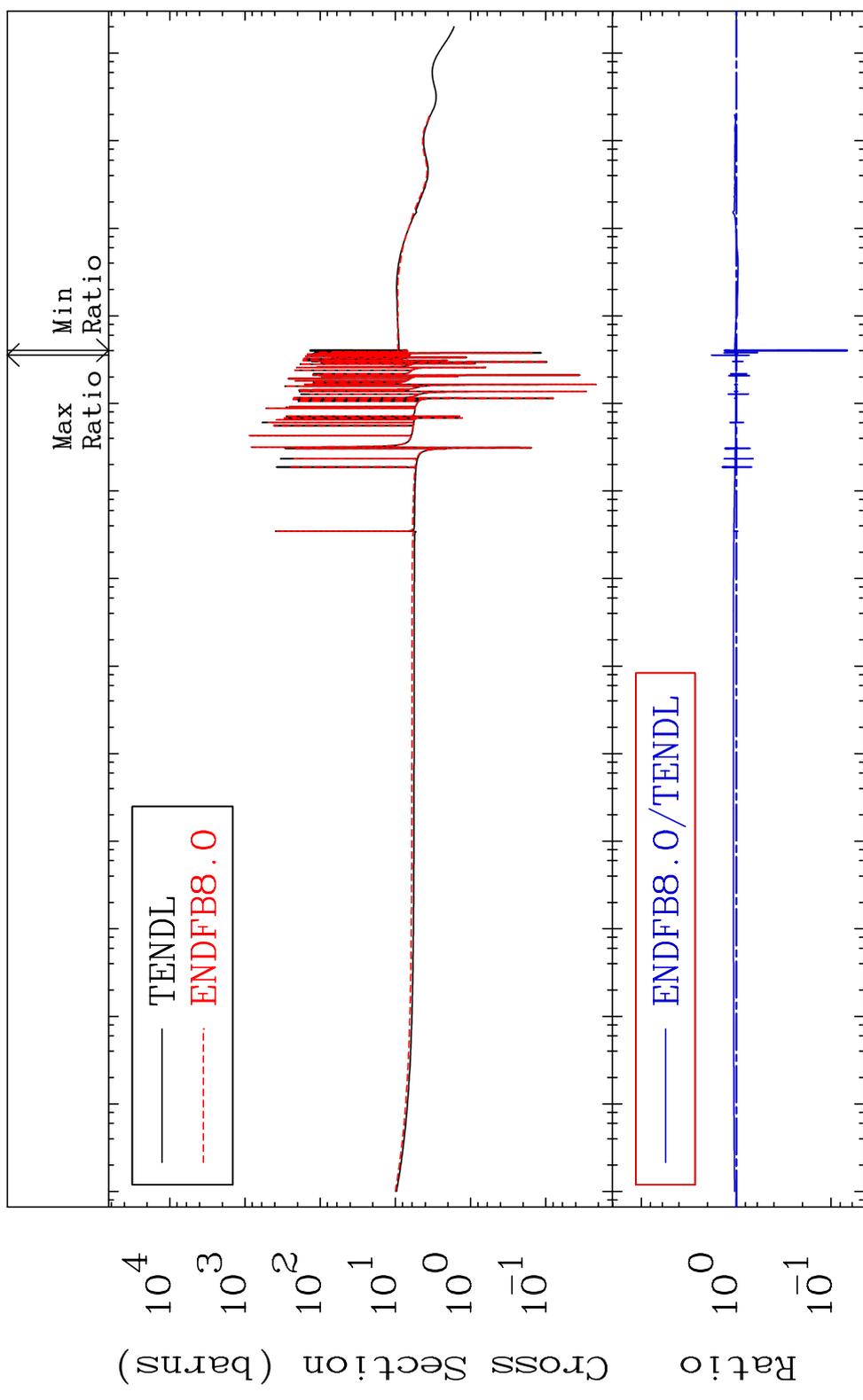
MAT 4225

Total

42-Mo-92

Cross Section

-93.30 To 80.90 %



1

Incident Energy (eV)

42-Mo-92

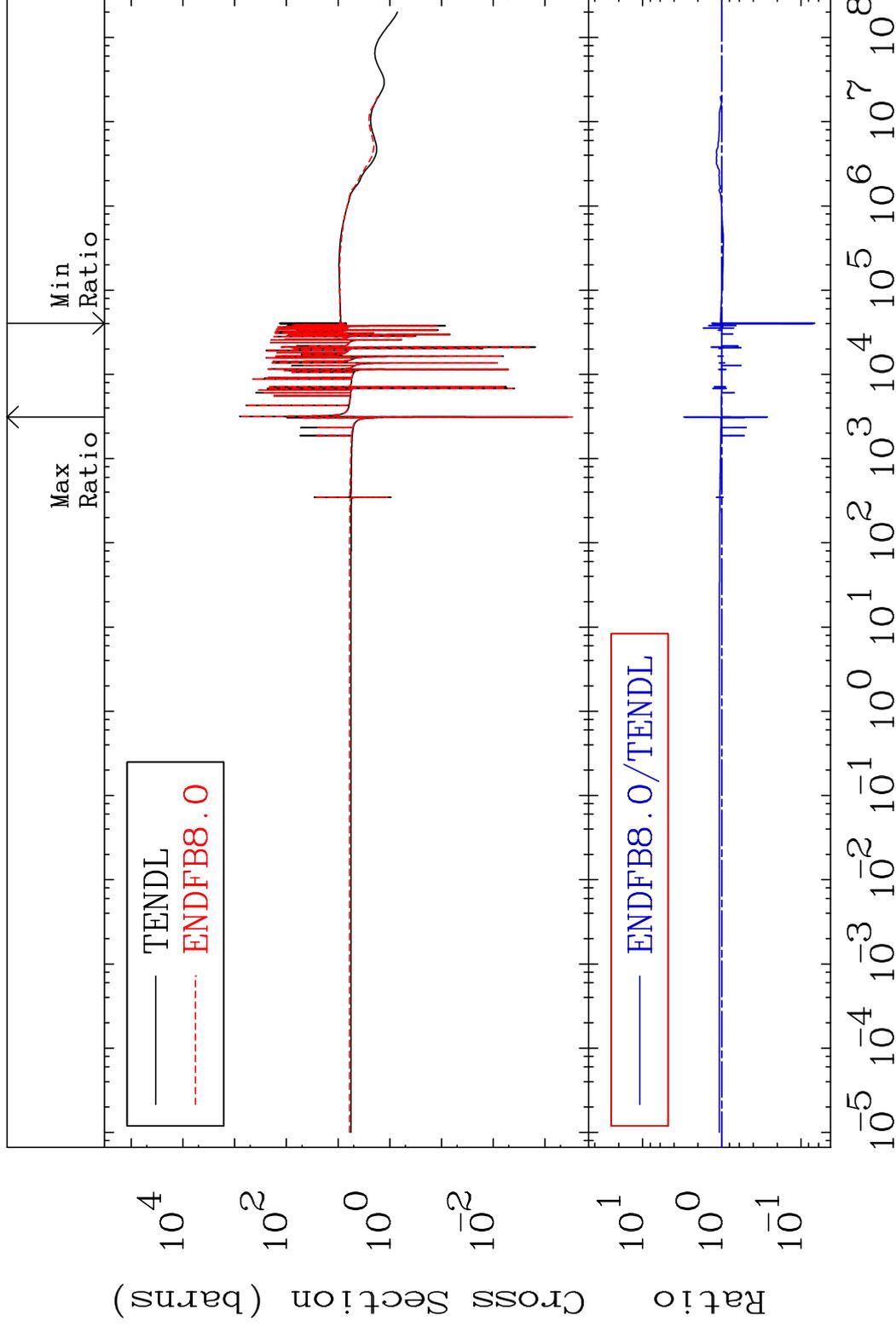
MAT 4225

Elastic

42-Mo-92

Cross Section

-93.29 To 198.5 %

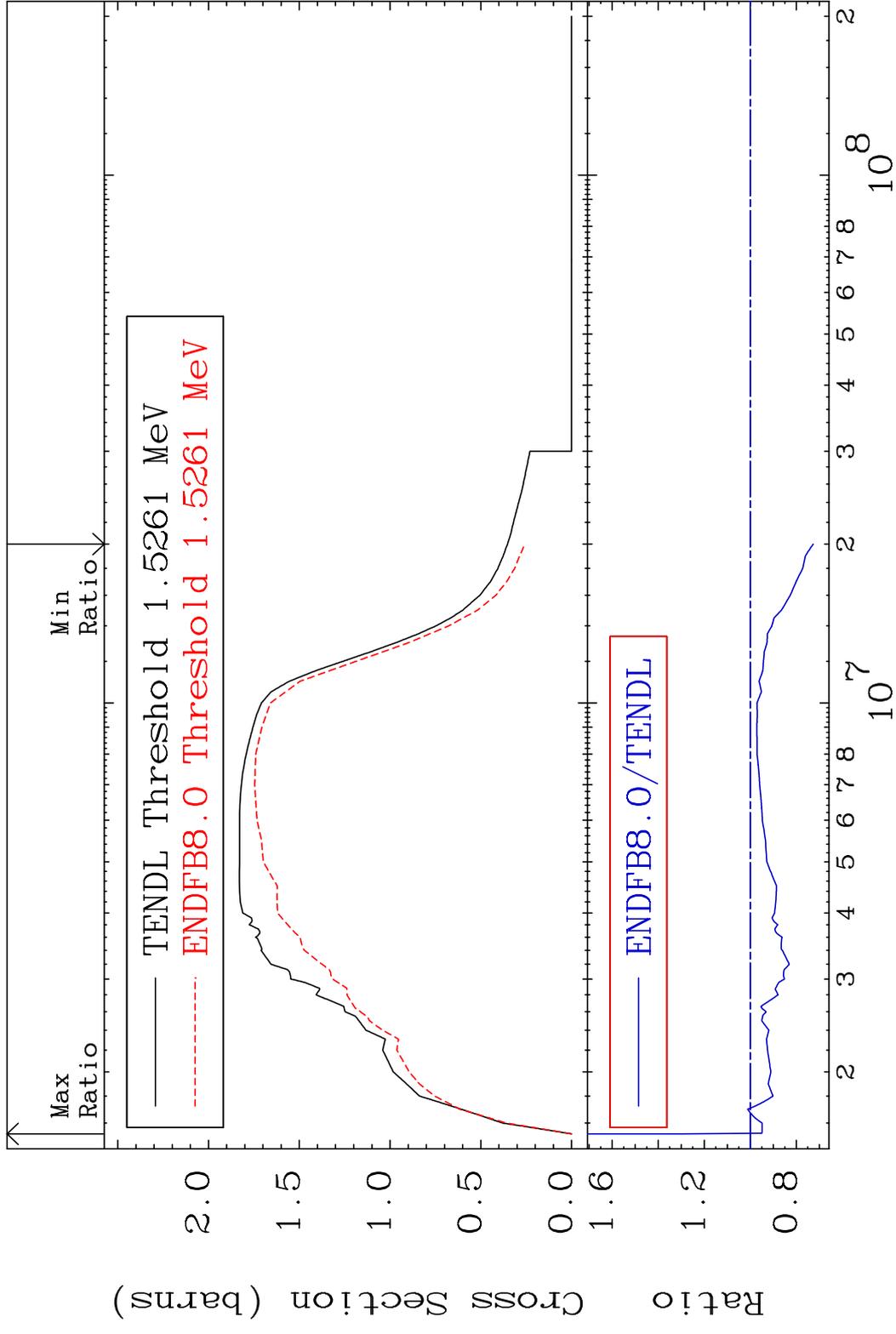


2

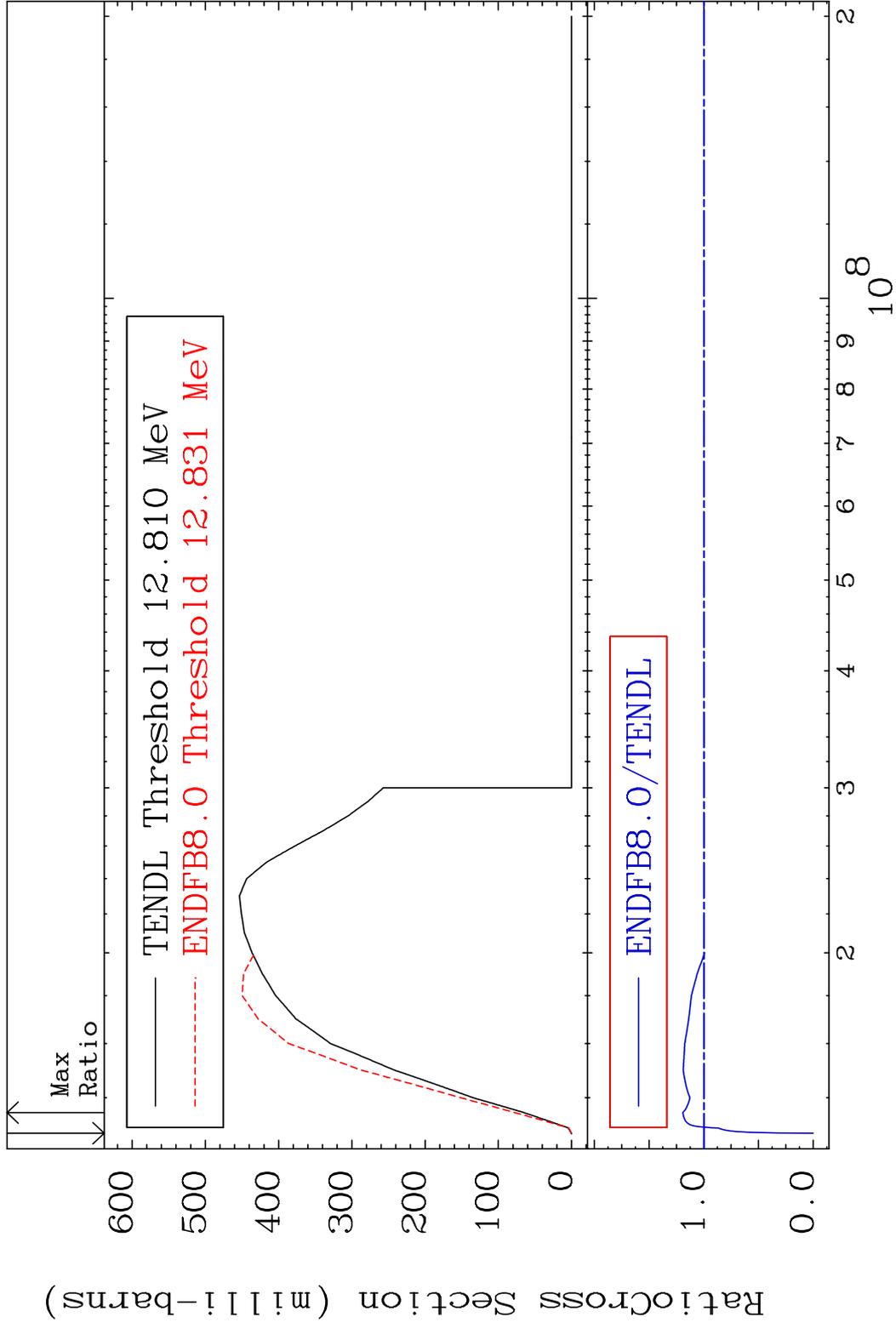
Incident Energy (eV)

42-Mo-92

MAT 4225 Inelastic 42-Mo-92
 Cross Section -27.31 To 29.30 %



MAT 4225 (n,2n) 42-Mo-92
 Cross Section -100.0 To 19.14 %

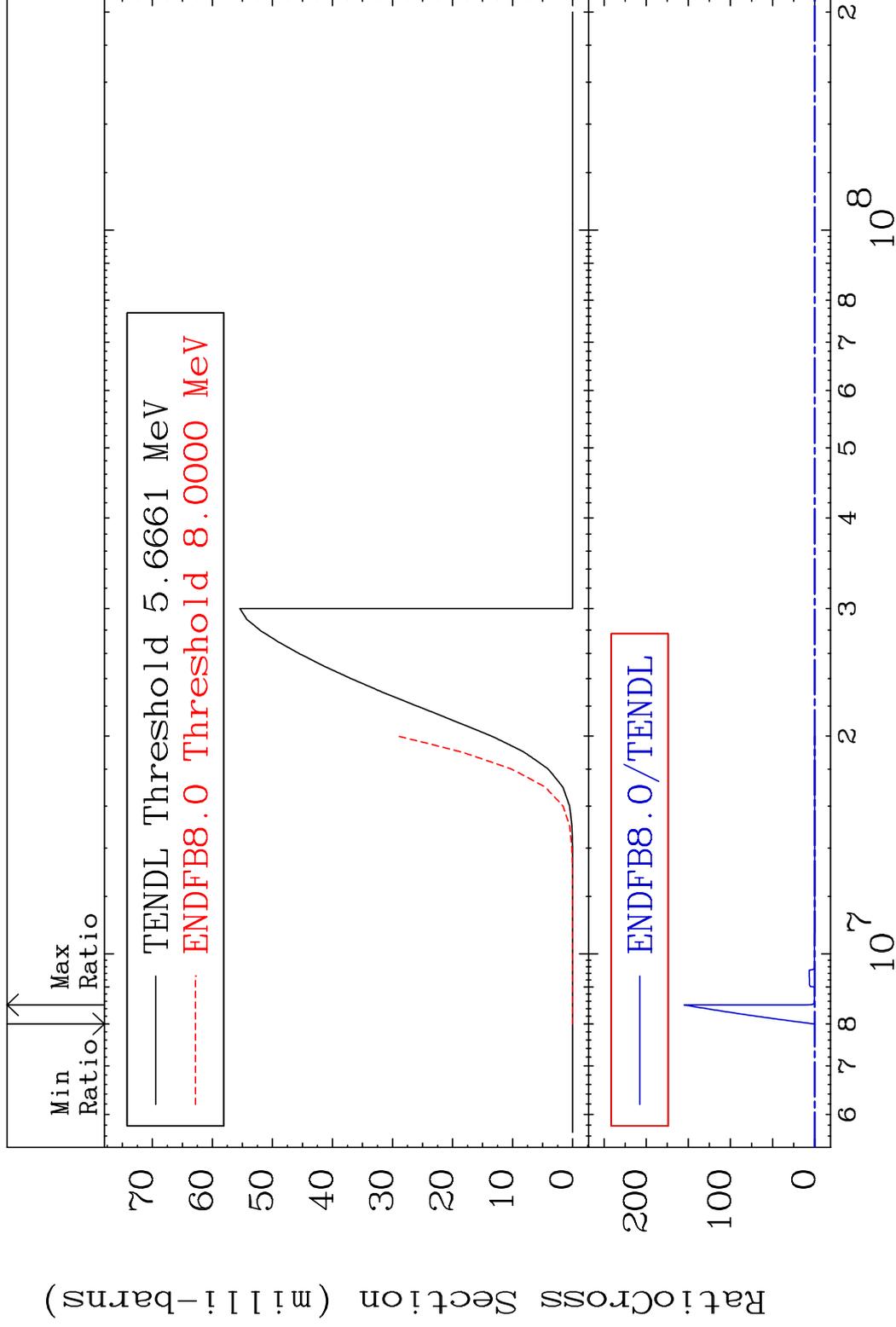


MAT 4225

(n, n') α

42-Mo-92

Cross Section -100.0 To 9999. %

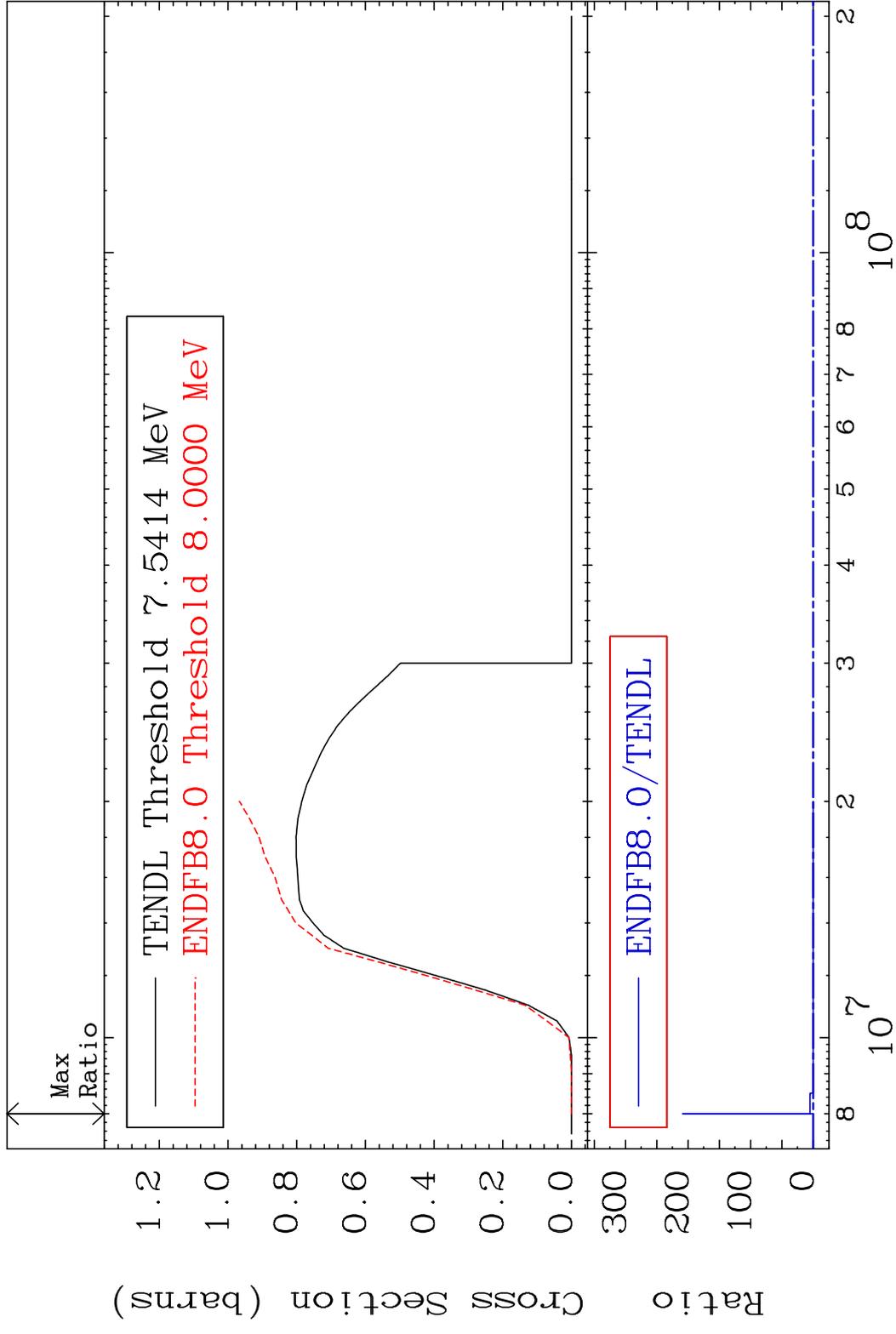


5

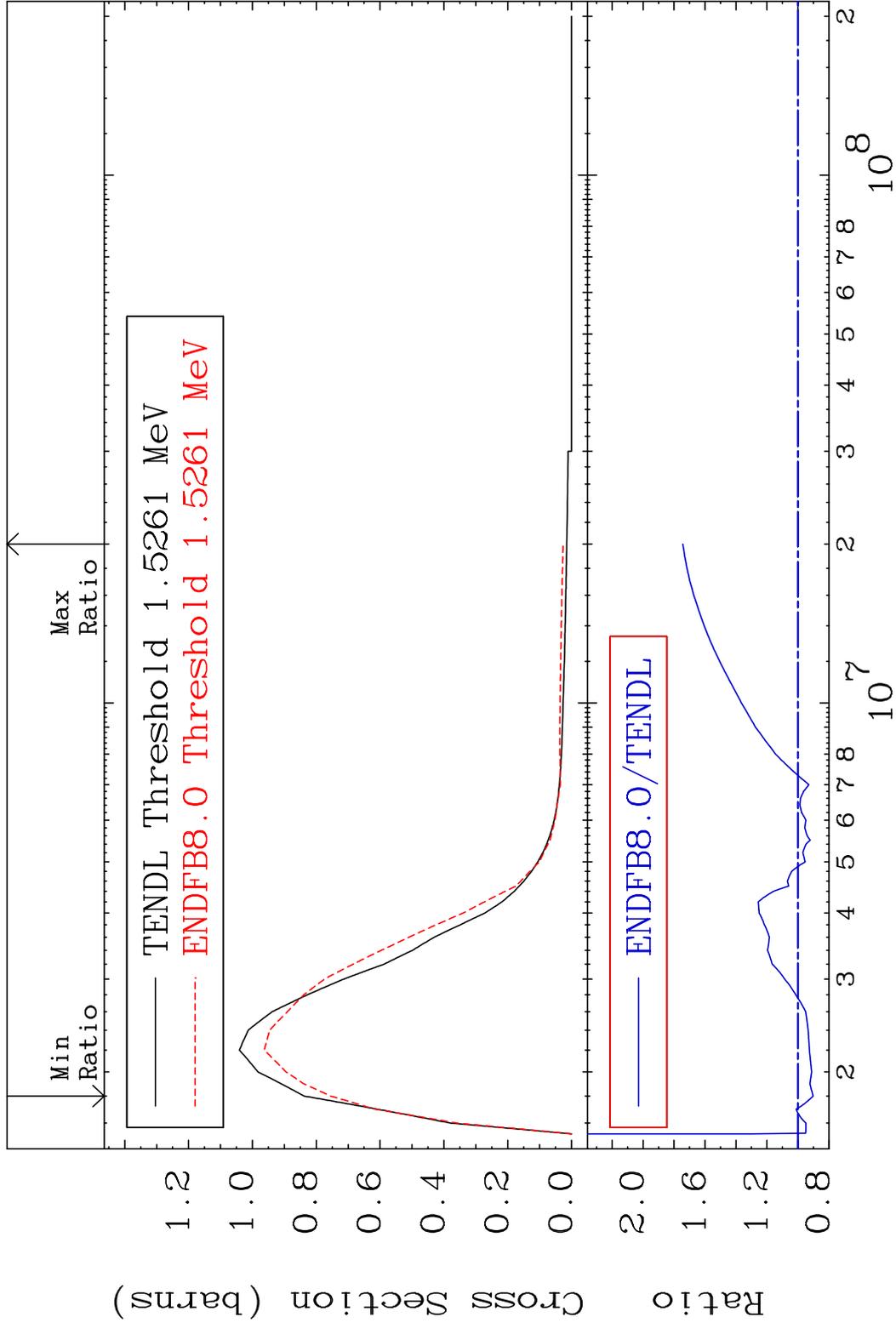
Incident Energy (eV)

42-Mo-92

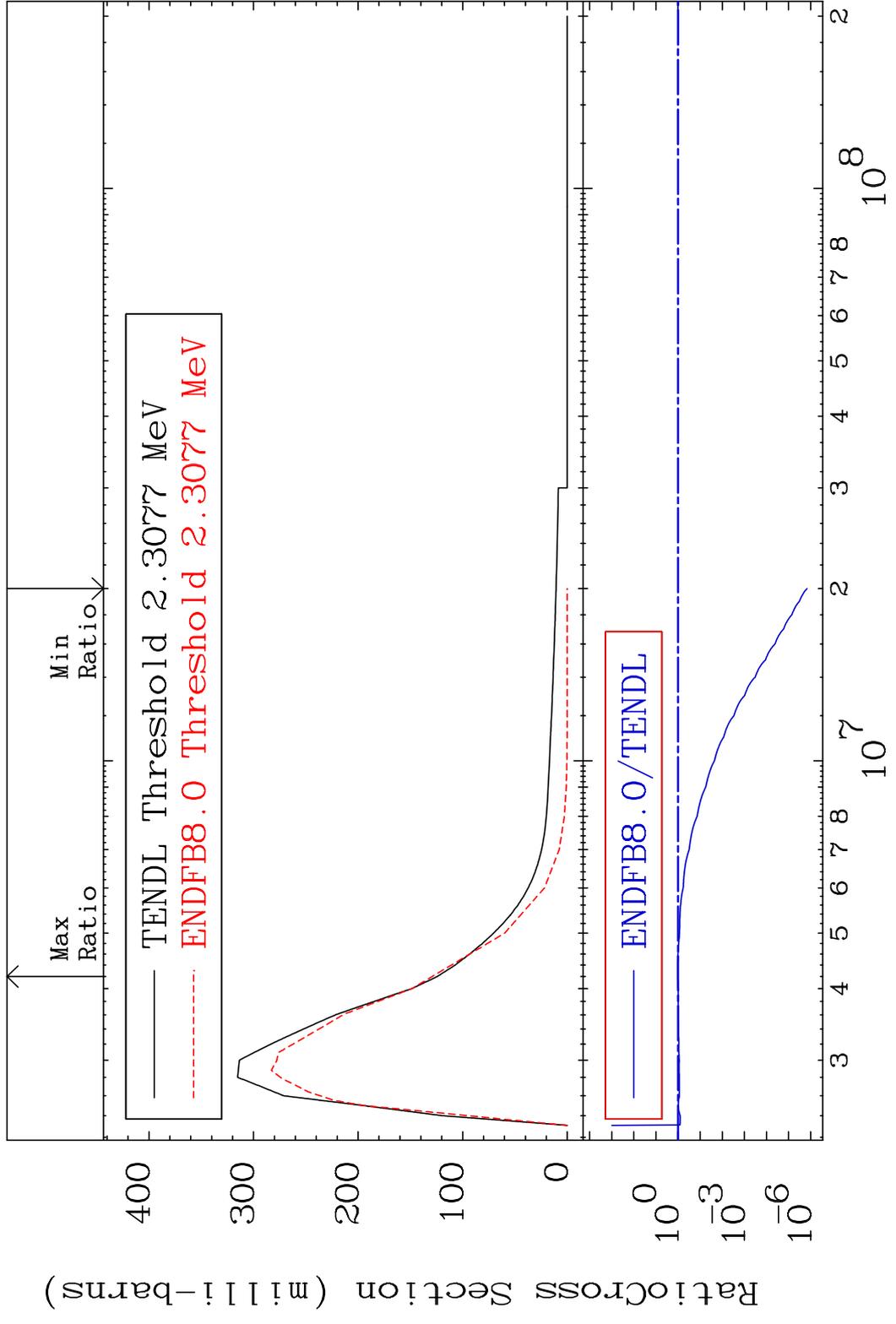
MAT 4225 (n, n') p 42-Mo-92
 Cross Section -100.0 To 9999. %



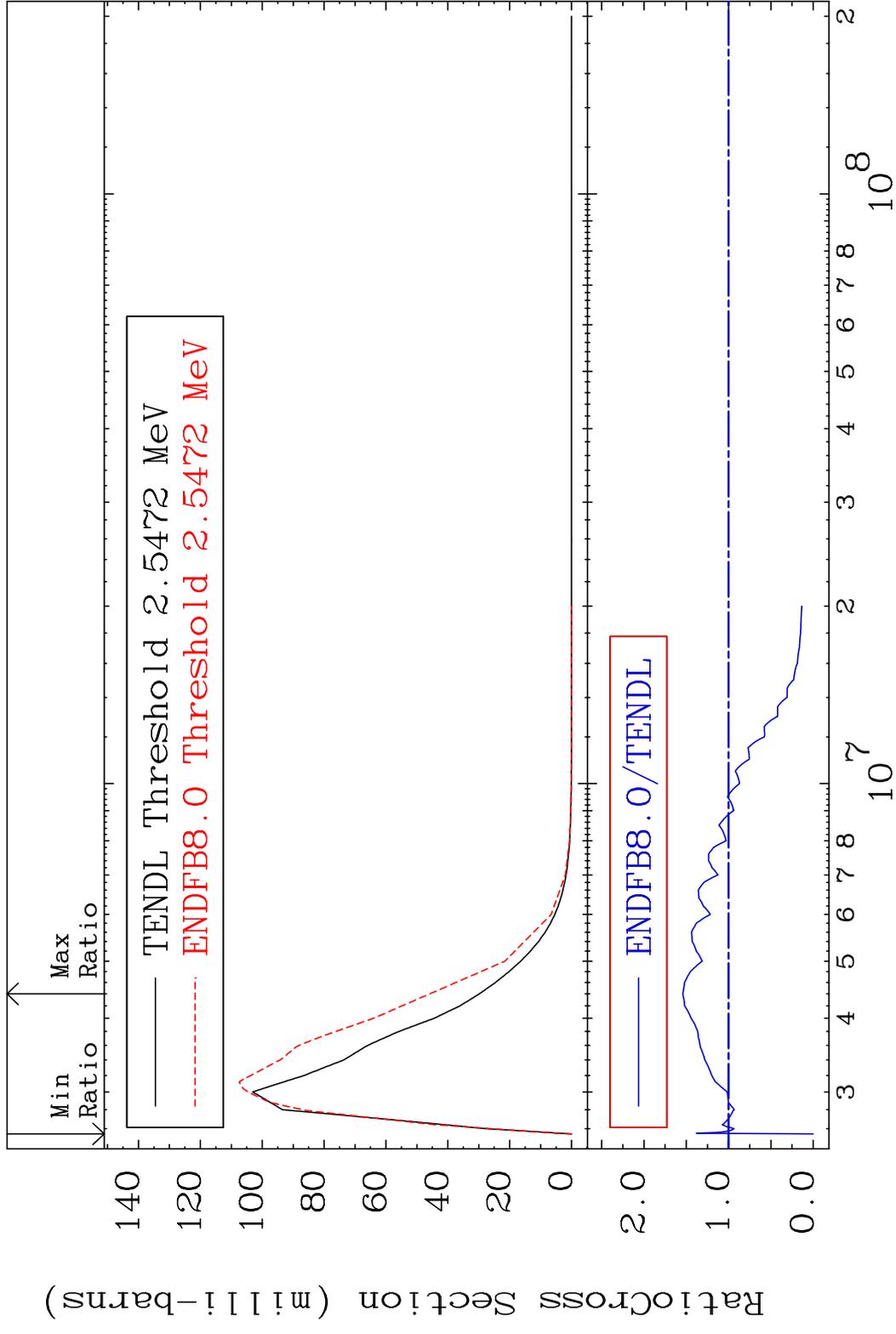
MAT 4225 MT= 51 (n, n') Level 42-Mo-92
 Cross Section -9.884 To 74.33 %



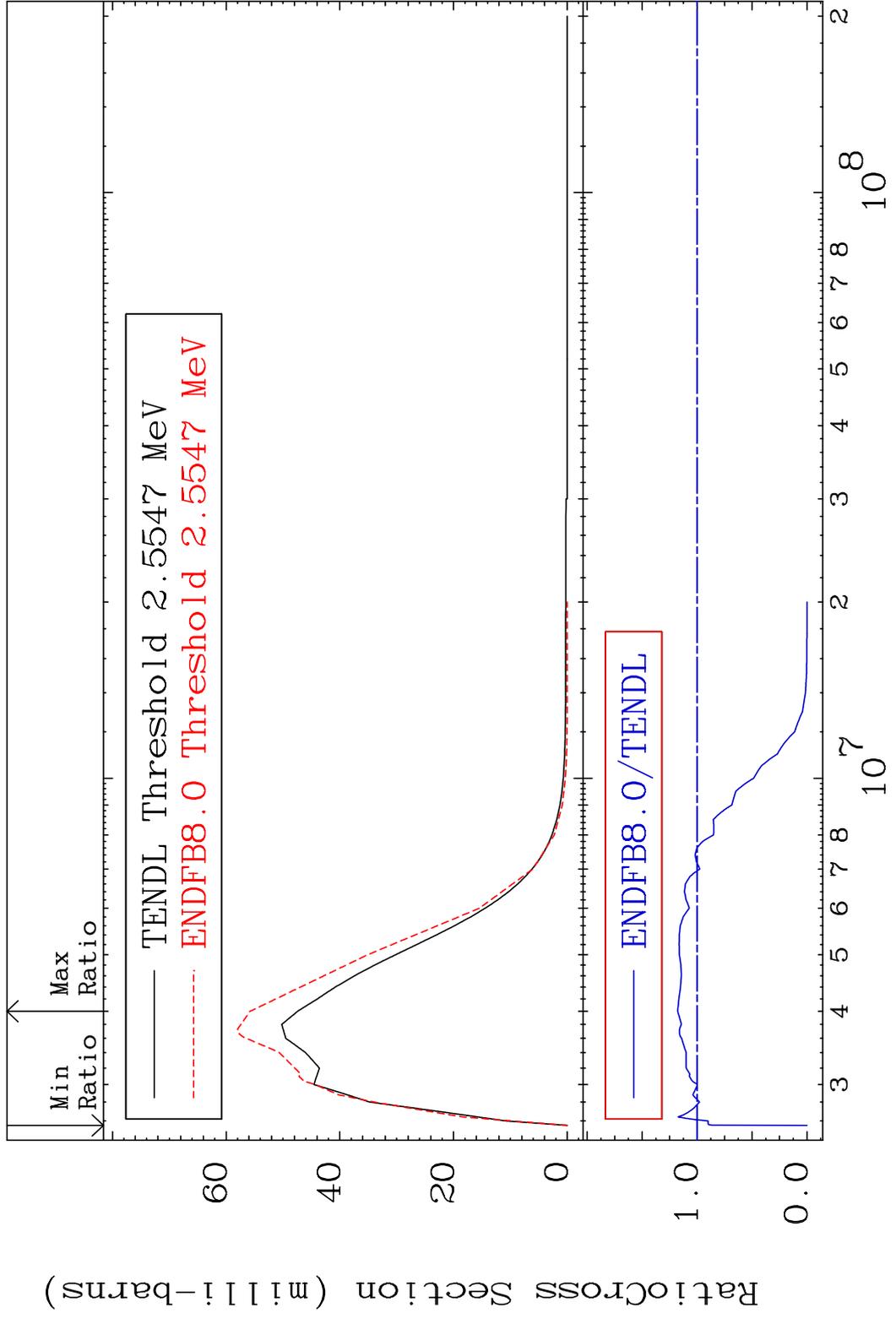
MAT 4225 MT= 52 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 3.979 %



MAT 4225 MT= 53 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 54.09 %

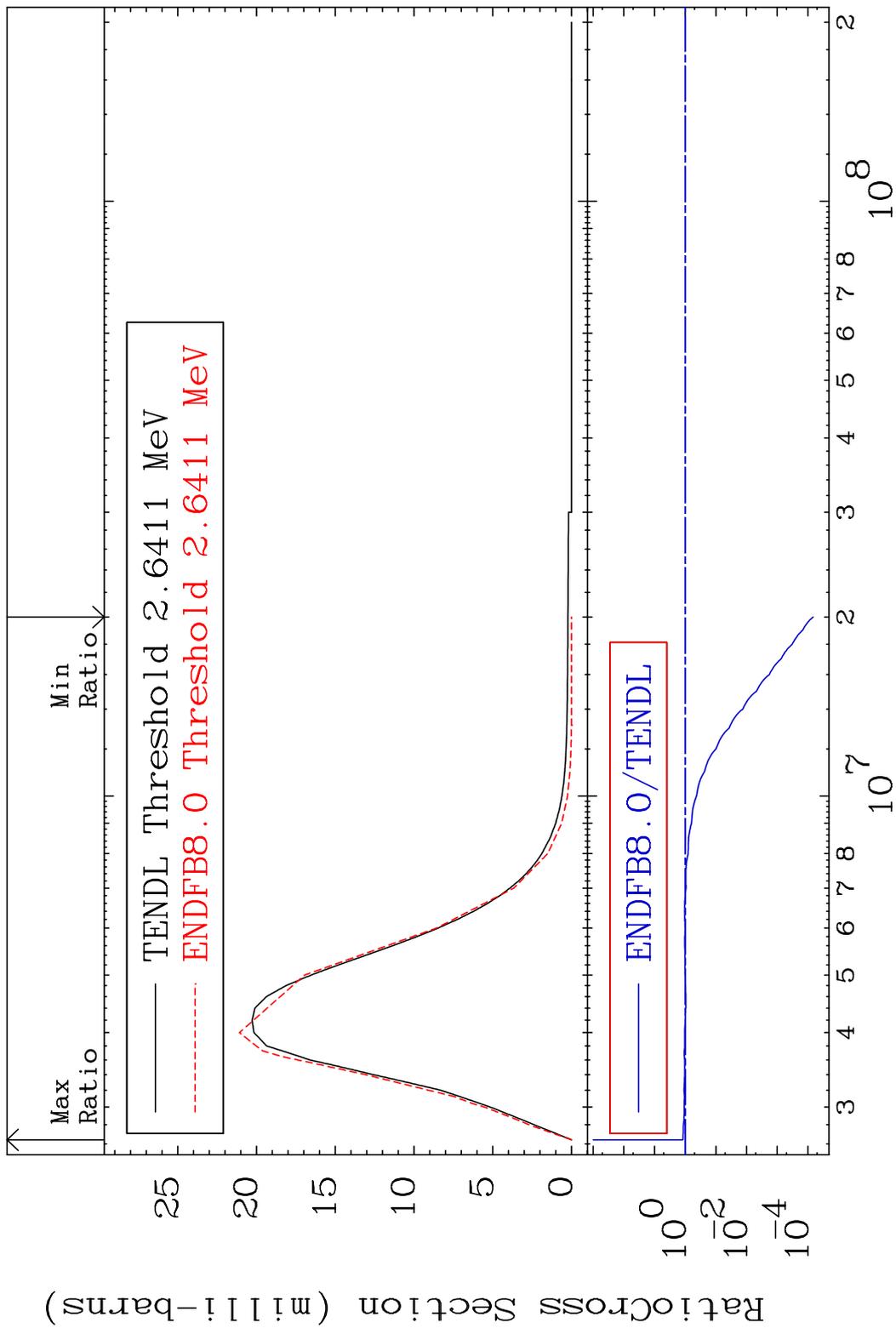


MAT 4225 MT= 54 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 17.65 %

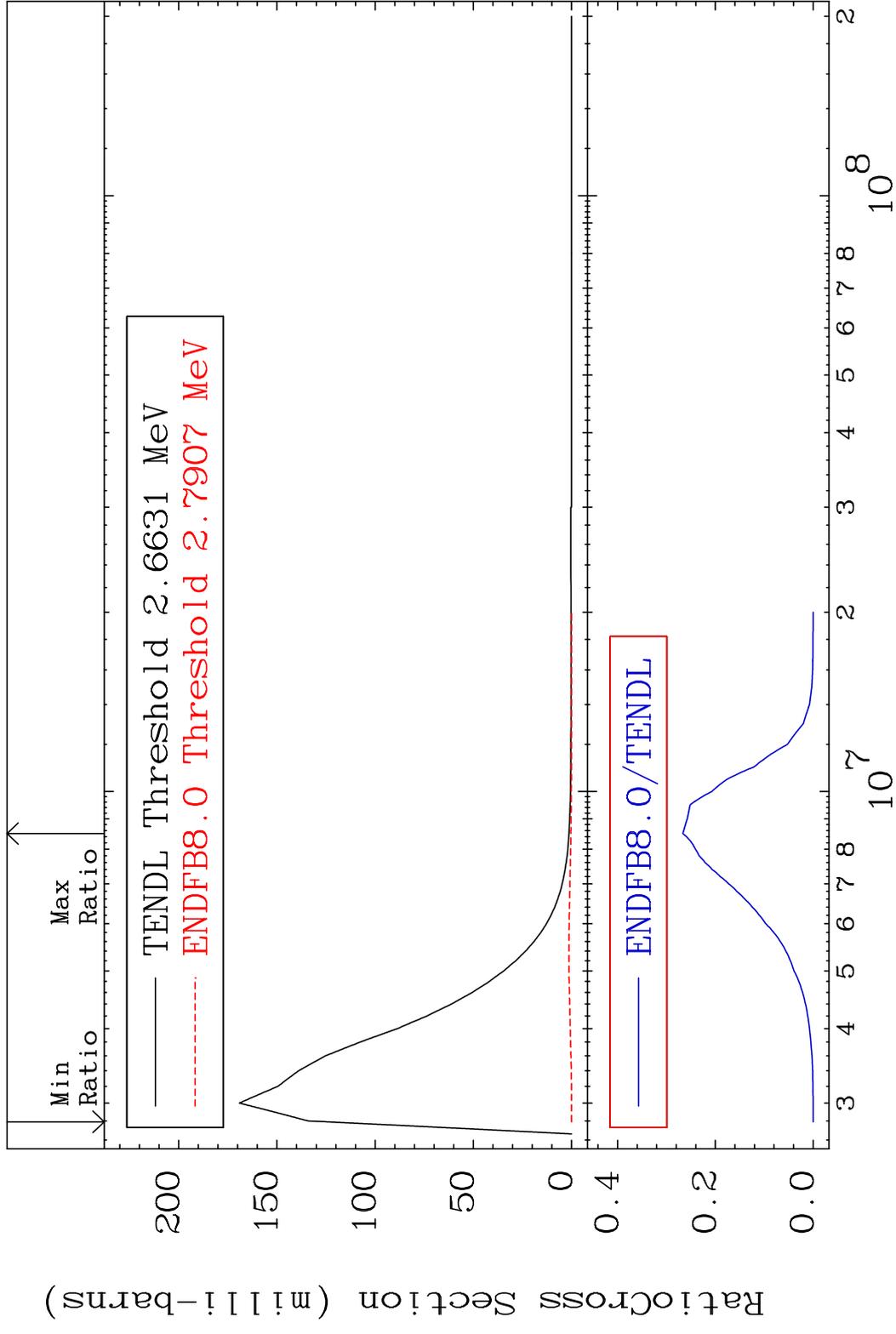


10 Incident Energy (eV) 42-Mo-92

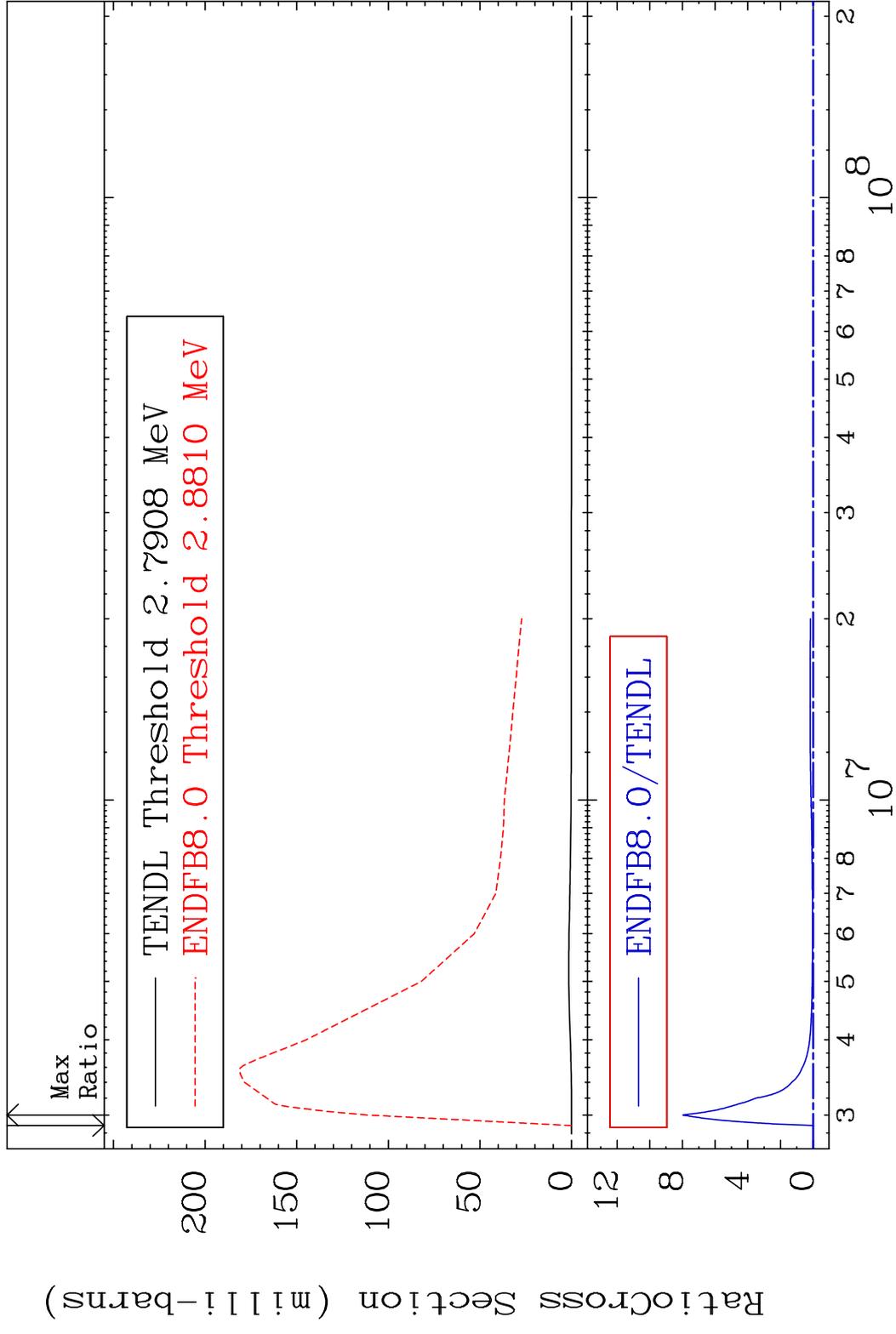
MAT 4225 MT= 55 (n,n') Level 42-Mo-92
 Cross Section -99.99 To 19.39 %



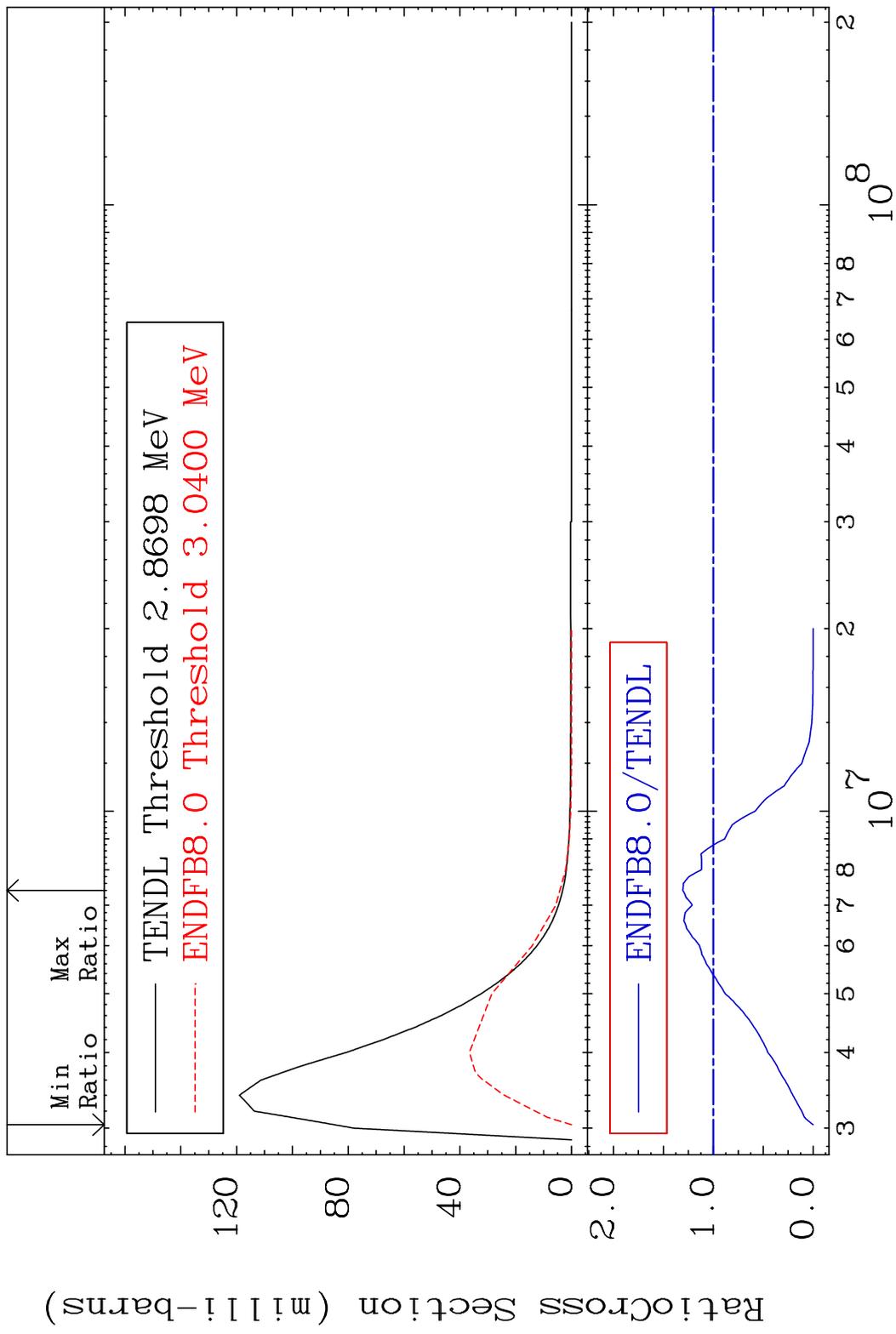
MAT 4225 MT= 56 (n,n') Level 42-Mo-92
 Cross Section -100.0 To -73.34%



MAT 4225 MT= 57 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 9999. %

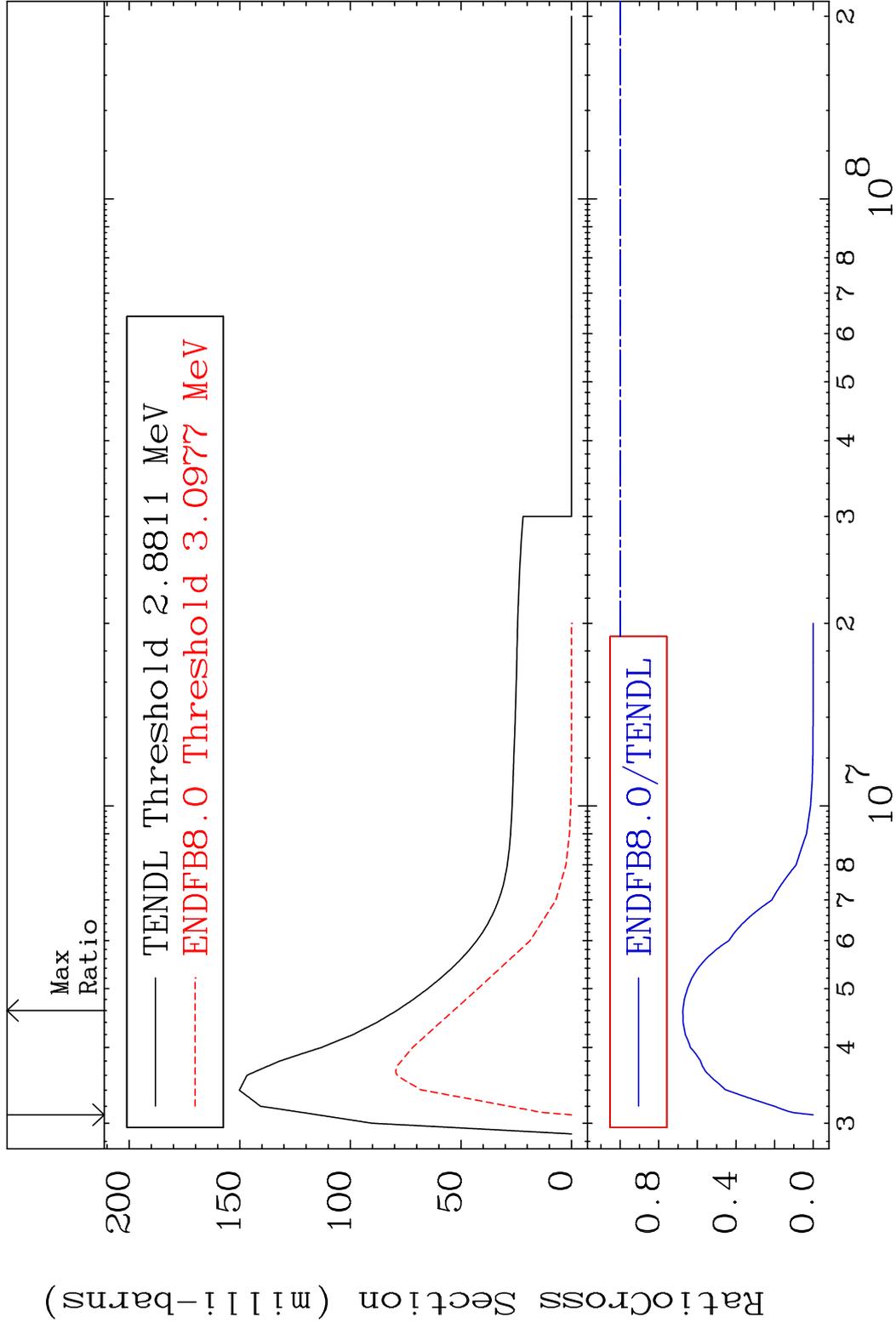


MAT 4225 MT= 58 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 30.53 %

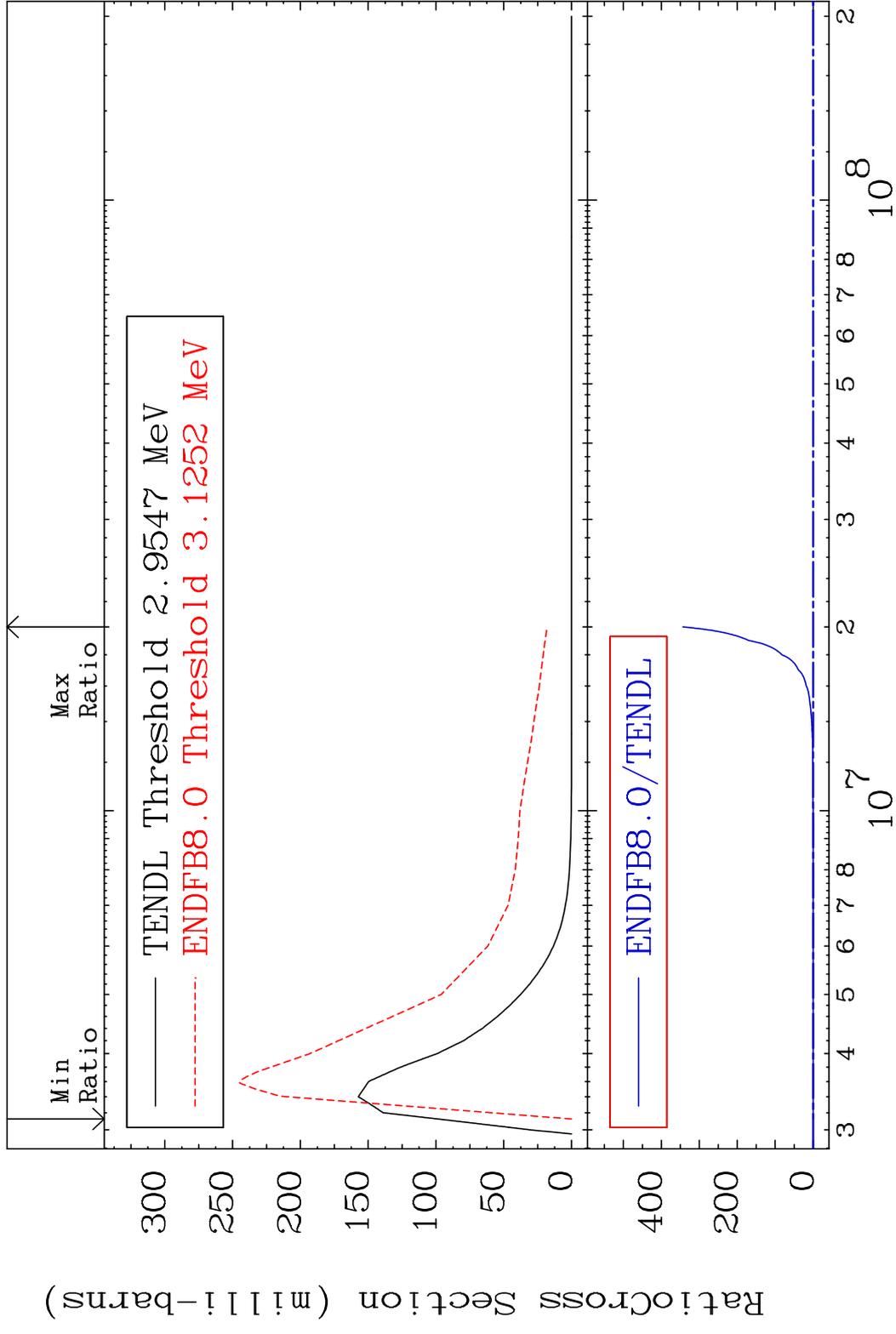


14 Incident Energy (eV) 42-Mo-92

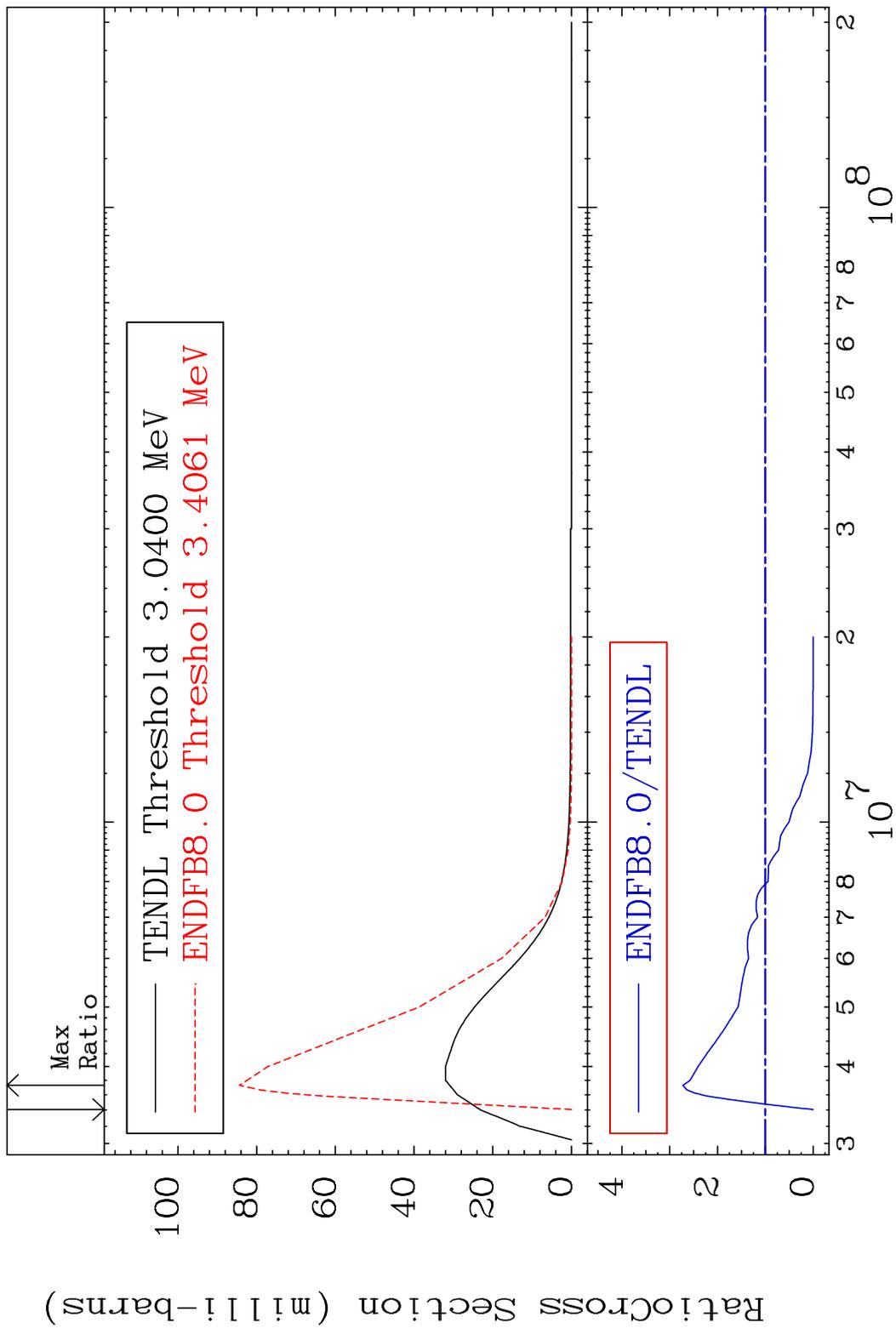
MAT 4225 MT= 59 (n,n') Level 42-Mo-92
 Cross Section -100.0 To -32.48%



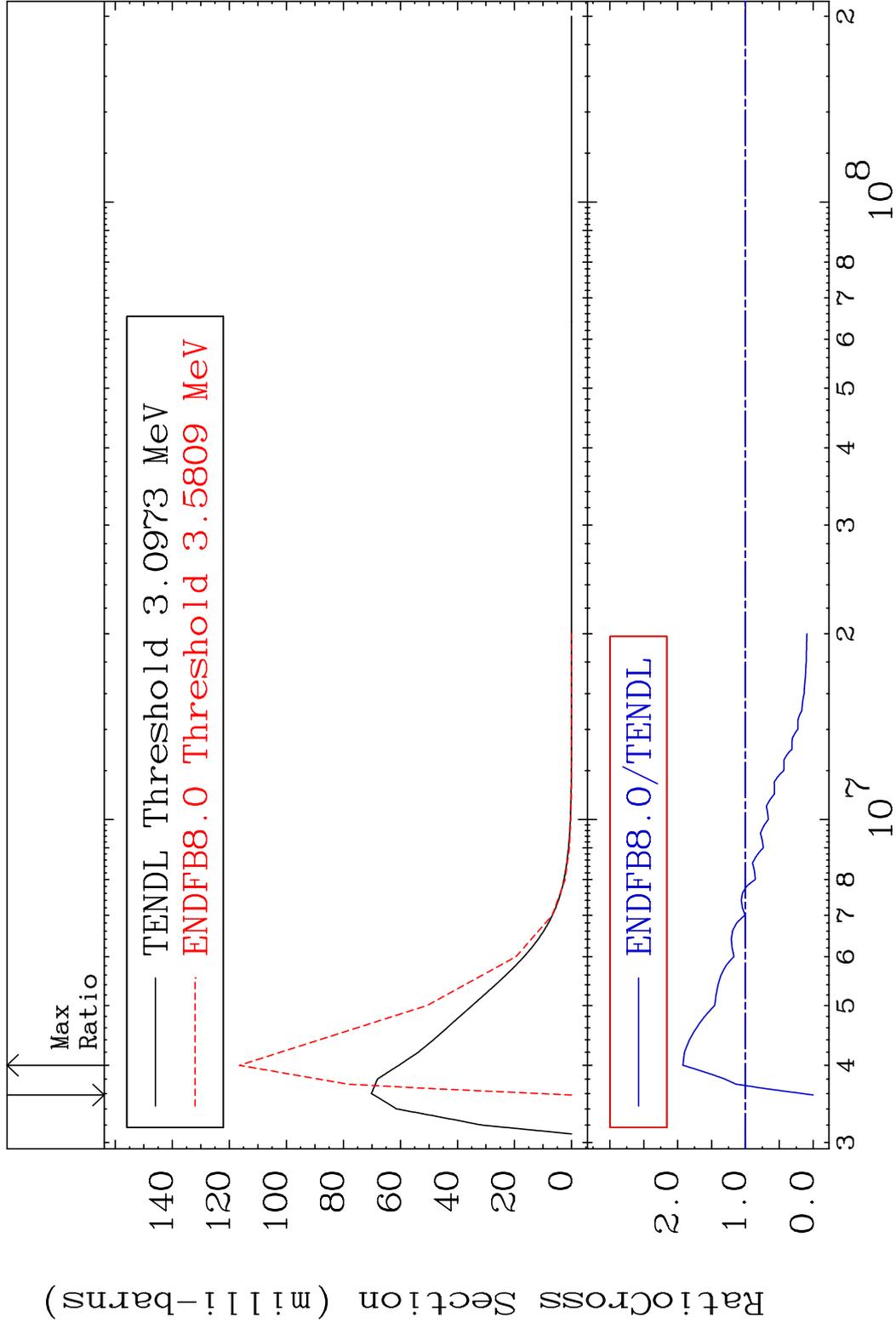
MAT 4225 MT= 60 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 9999. %



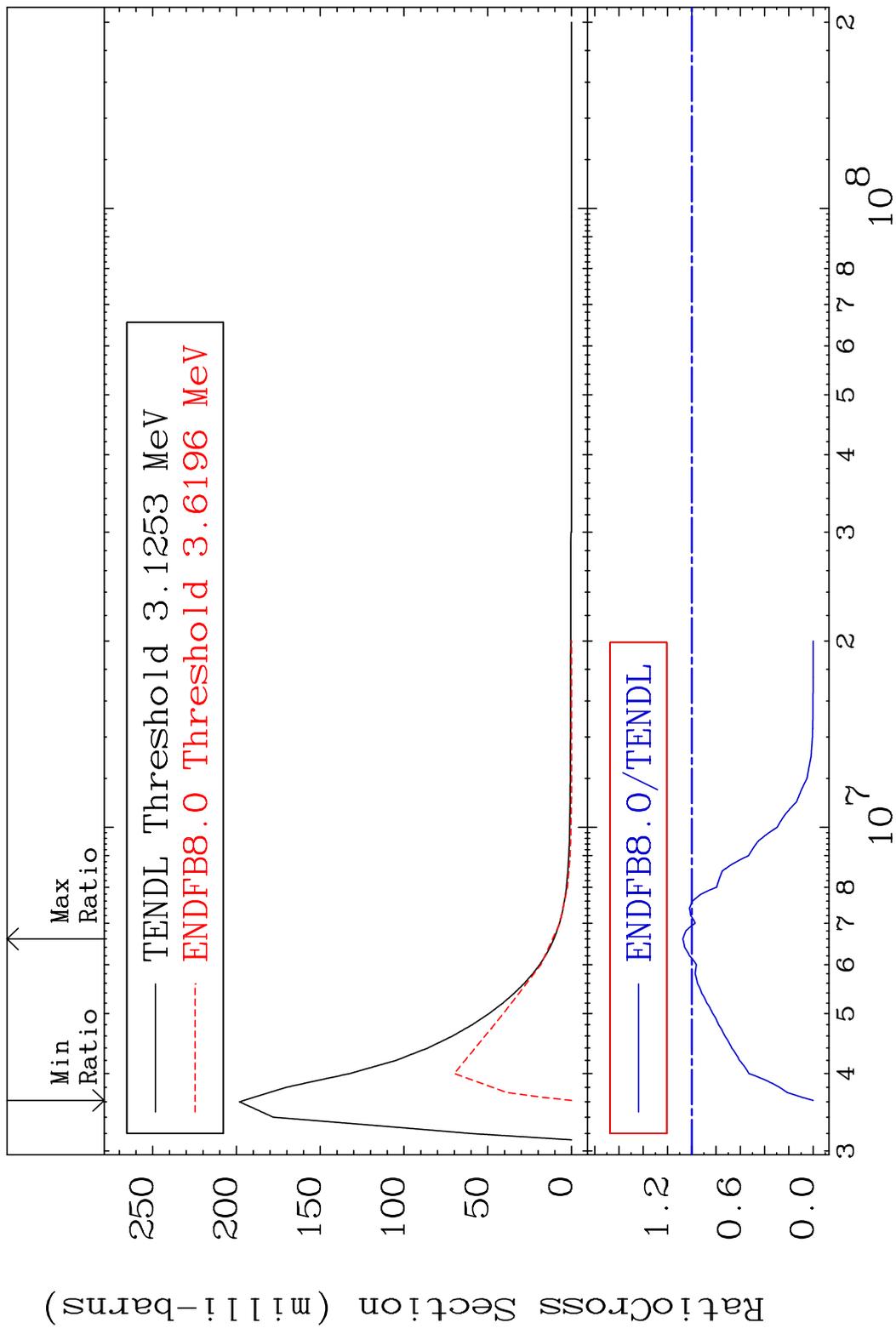
MAT 4225 MT= 61 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 172.6 %



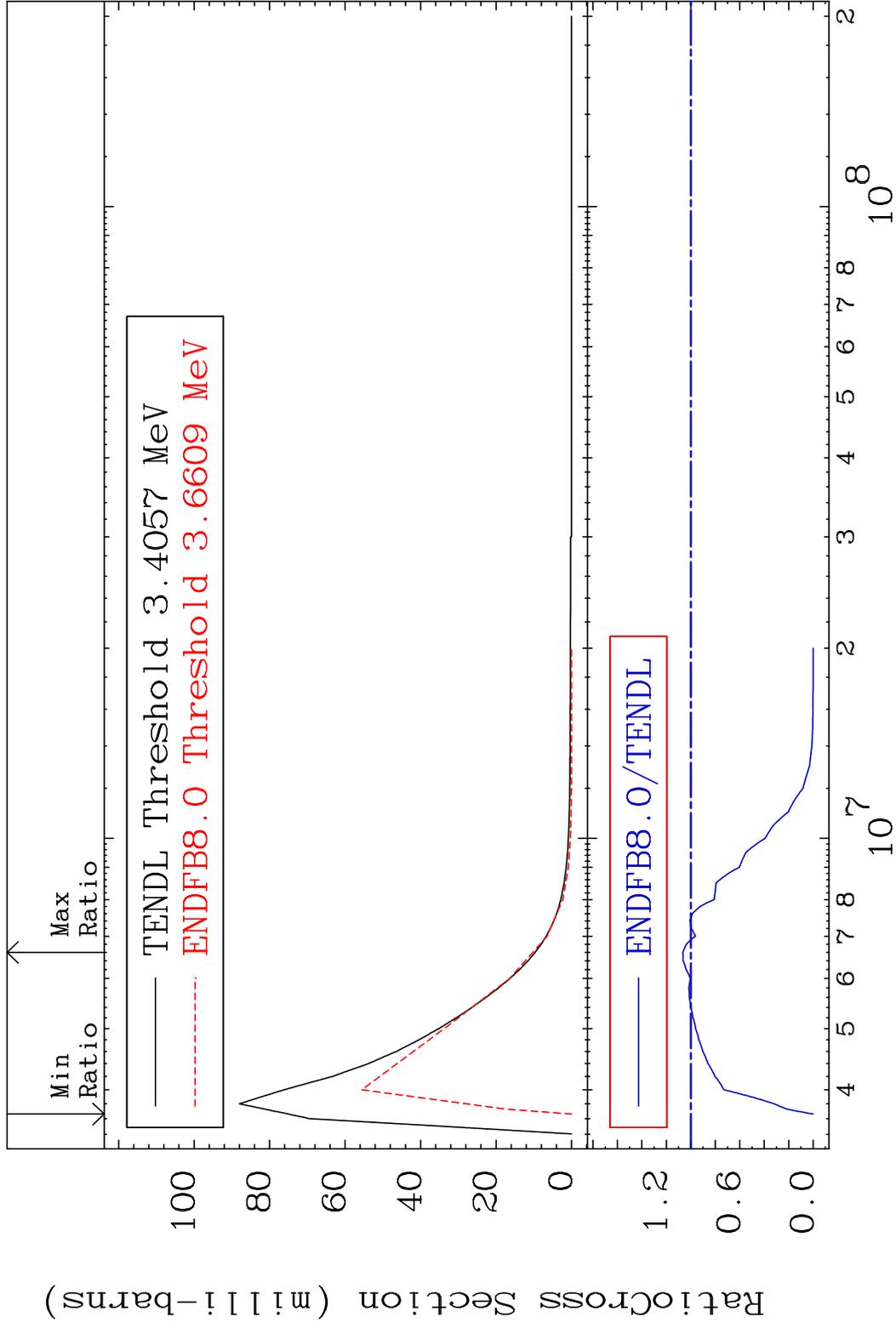
MAT 4225 MT= 62 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 92.33 %



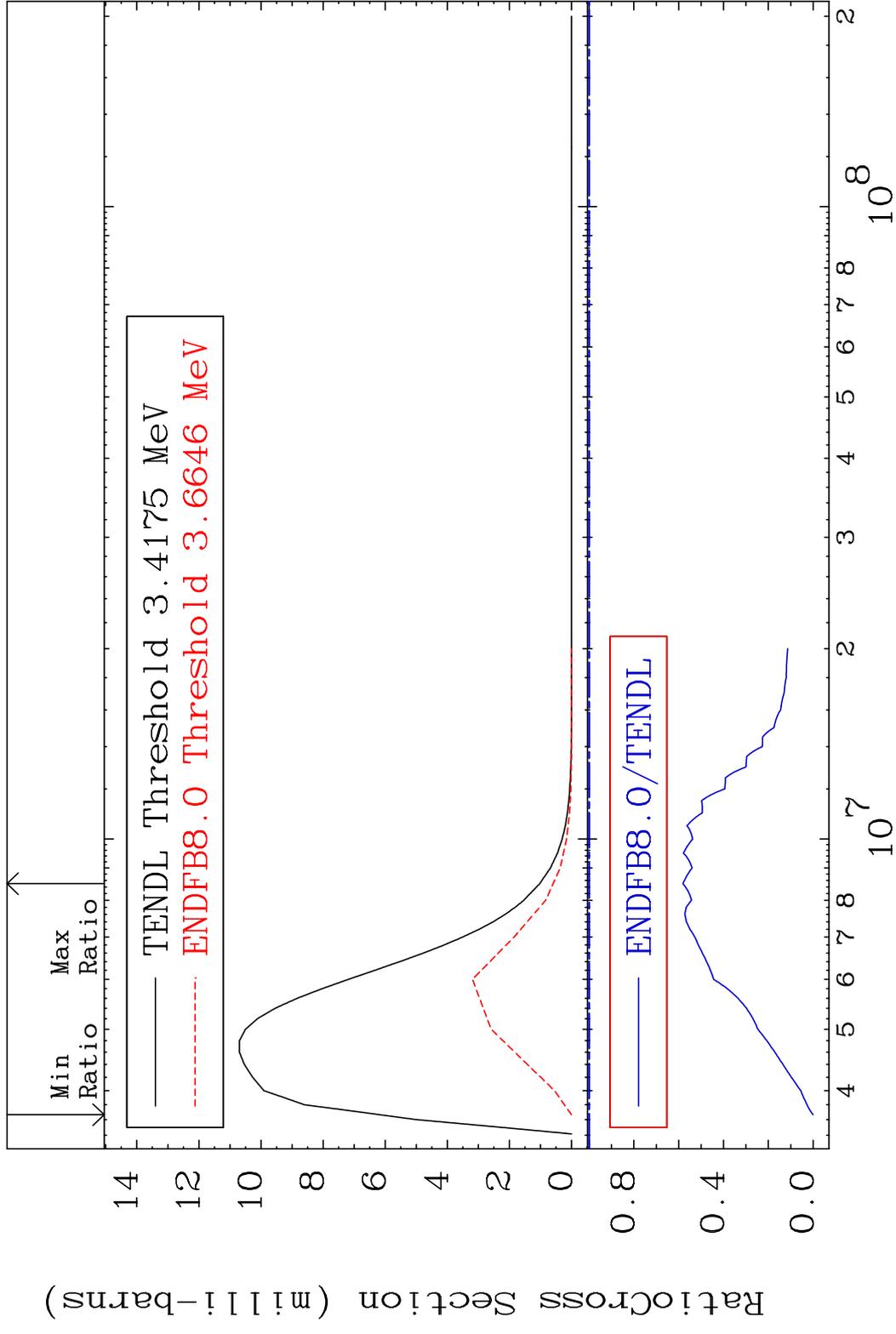
MAT 4225 MT= 63 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 7.382 %



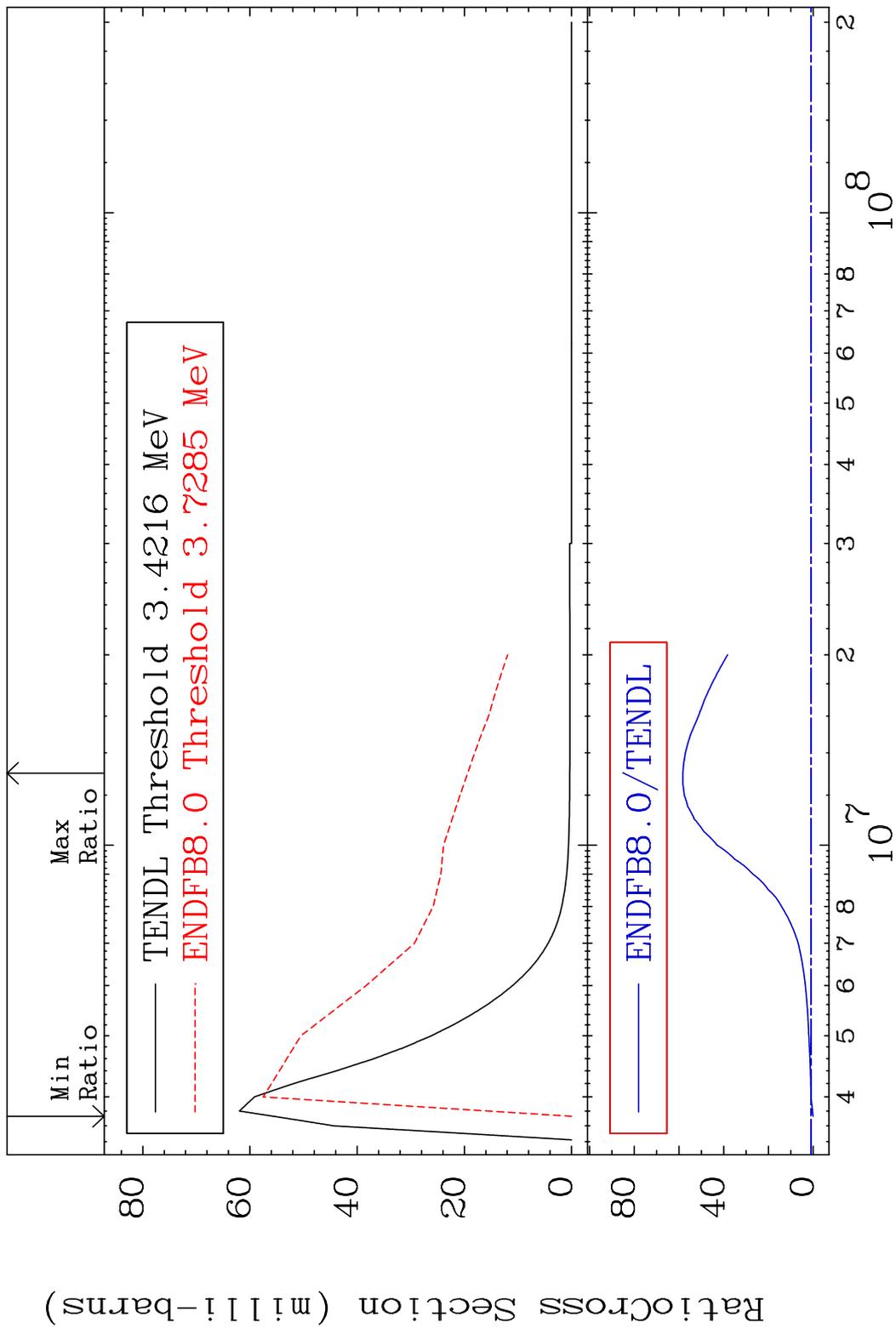
MAT 4225 MT= 64 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 6.528 %



MAT 4225 MT= 65 (n,n') Level 42-Mo-92
 Cross Section -100.0 To -41.84%



MAT 4225 MT= 66 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 5728. %

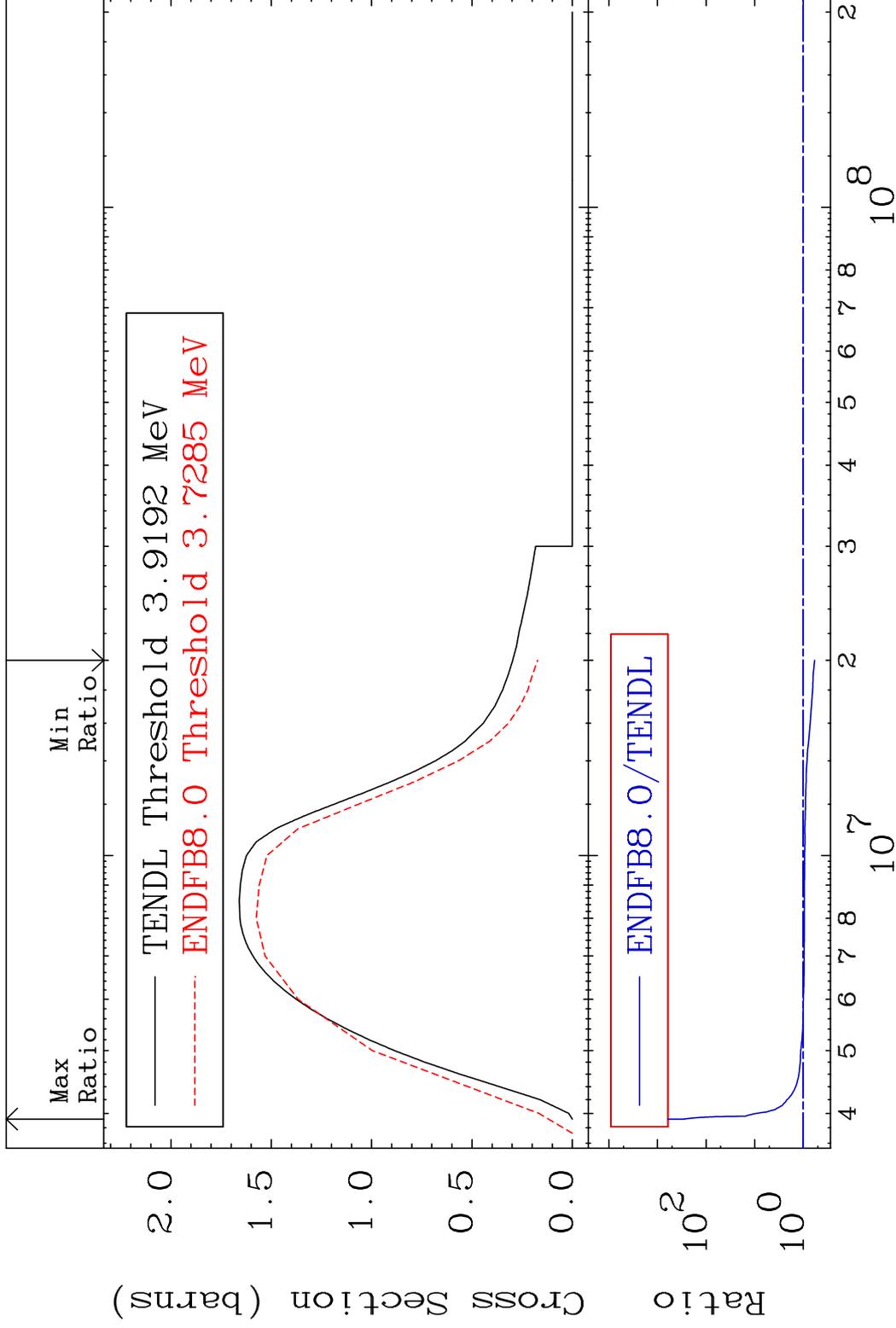


MAT 4225

(n,n') Continuum

42-Mo-92

Cross Section -41.81 To 9999. %



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Incident Energy (eV)

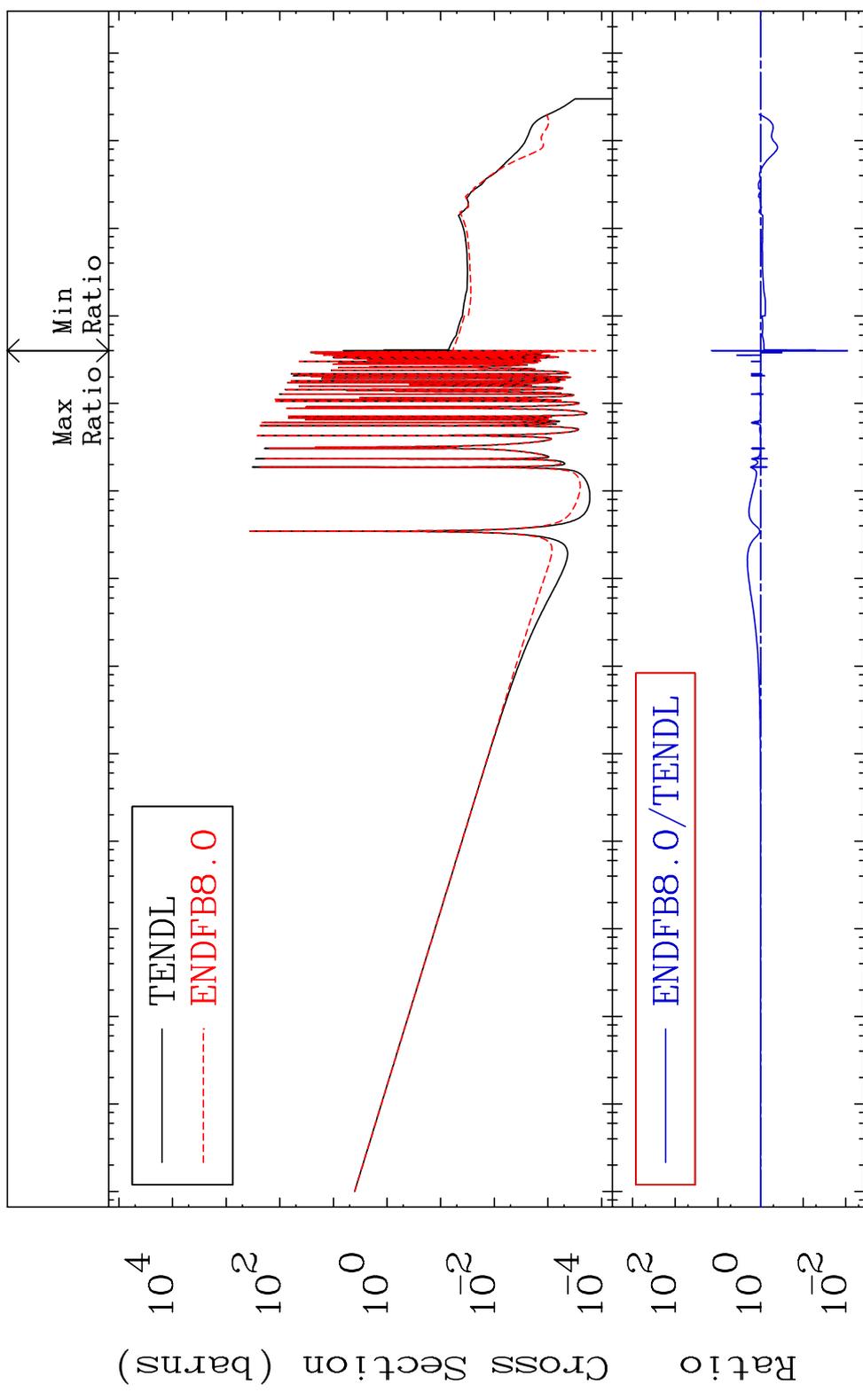
42-Mo-92

MAT 4225

(n, γ)

42-Mo-92

Cross Section -99.10 To 1291. %



24

Incident Energy (eV)

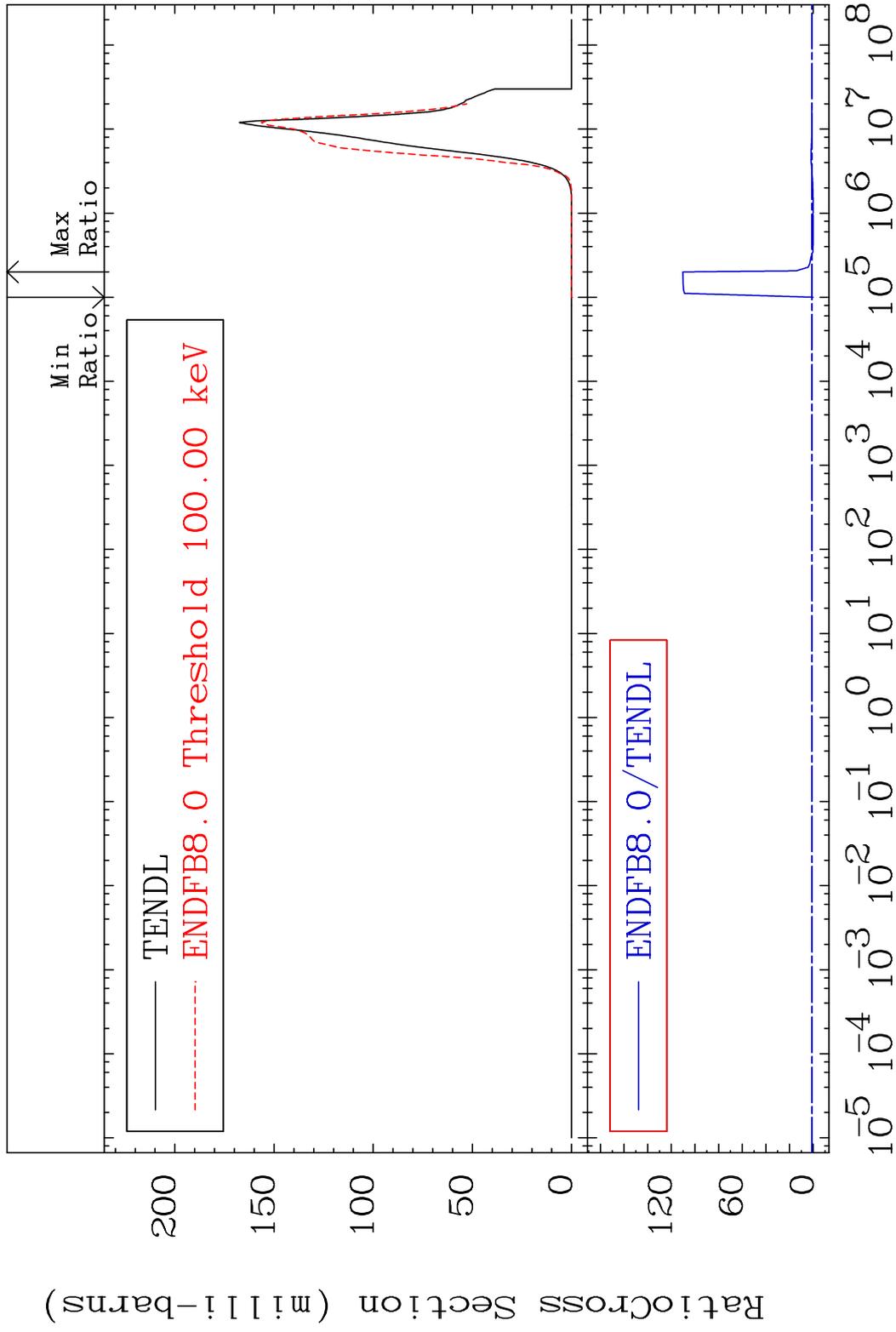
42-Mo-92

MAT 4225

(n, p)

42-Mo-92

Cross Section -100.0 To 9999. %

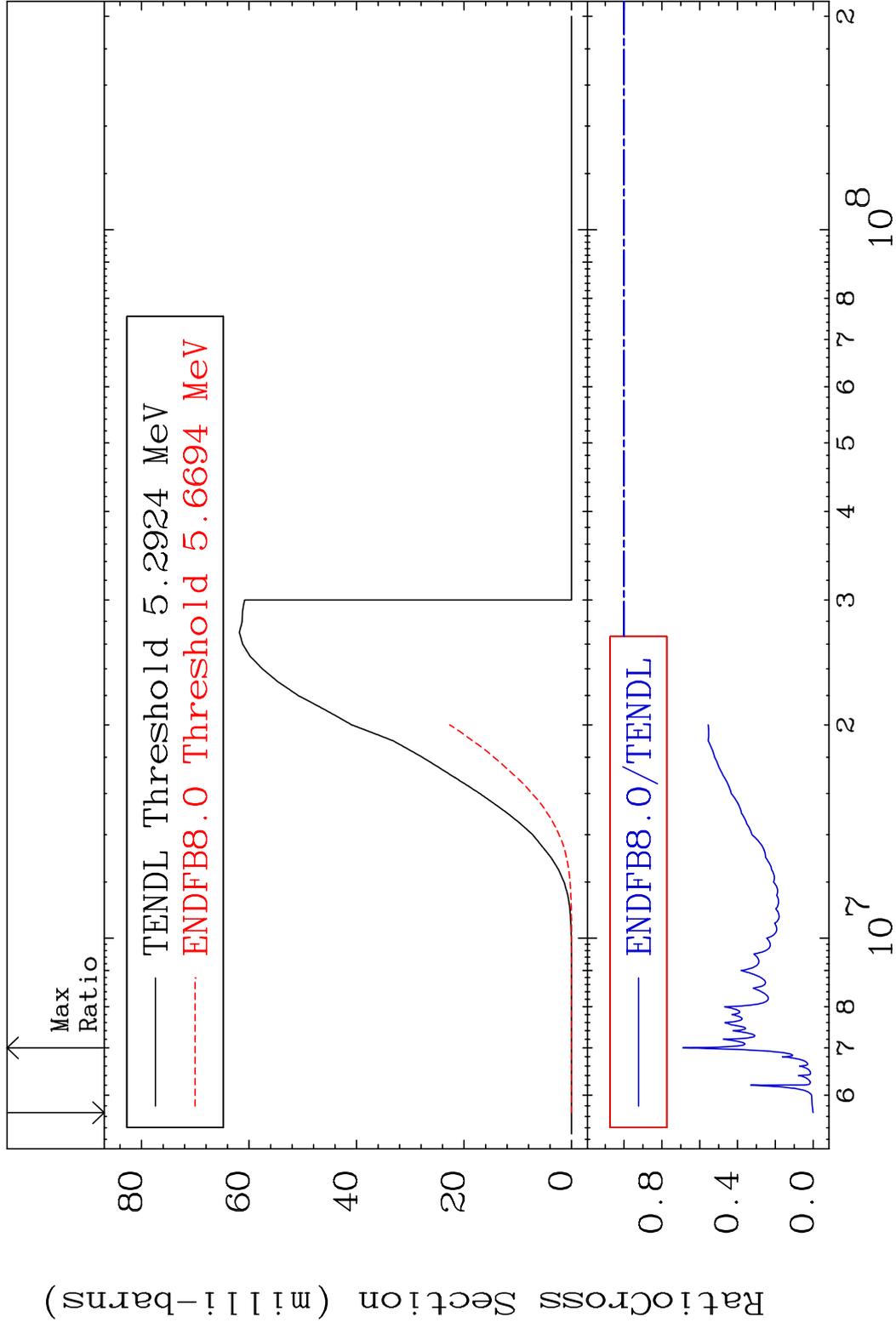


25

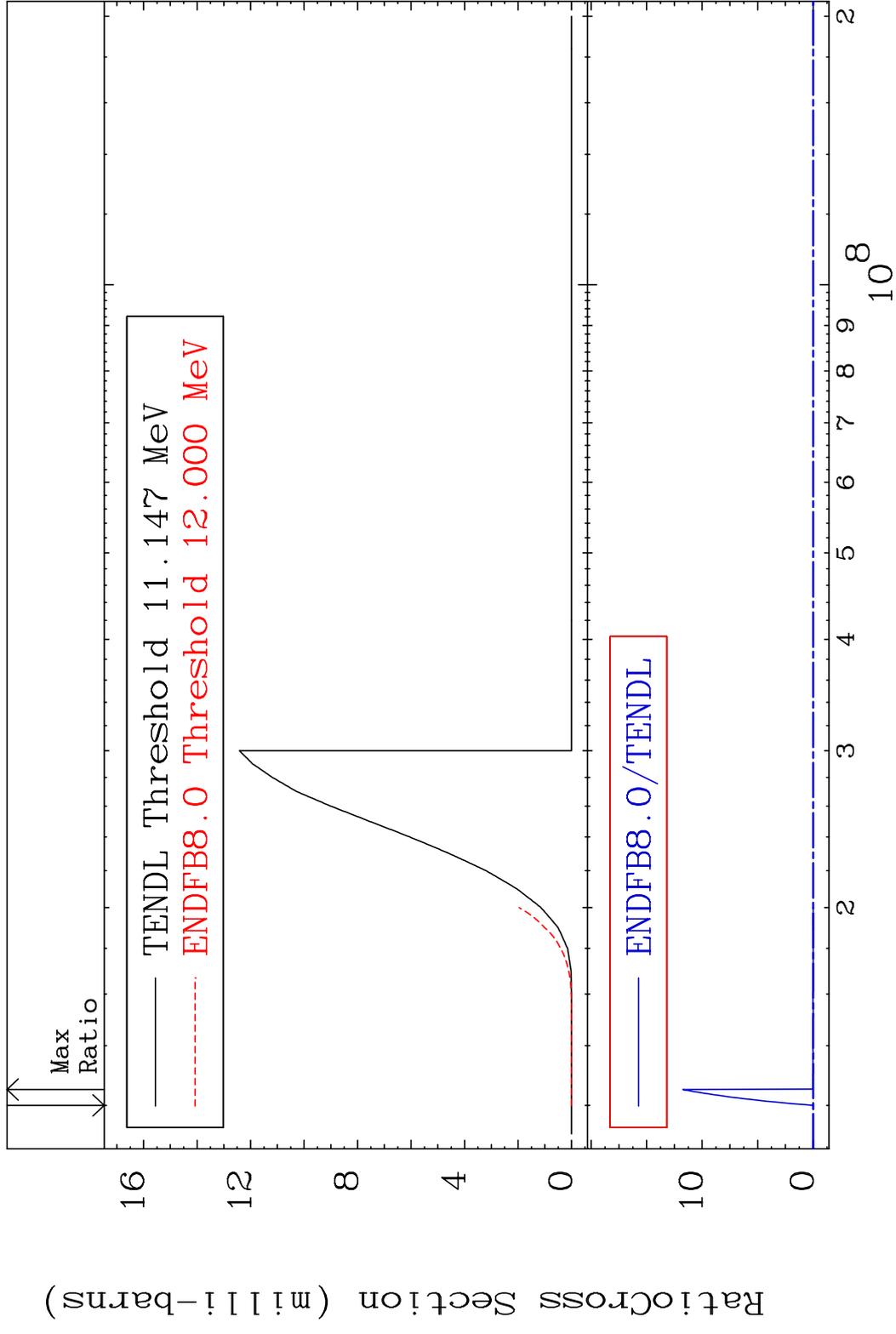
Incident Energy (eV)

42-Mo-92

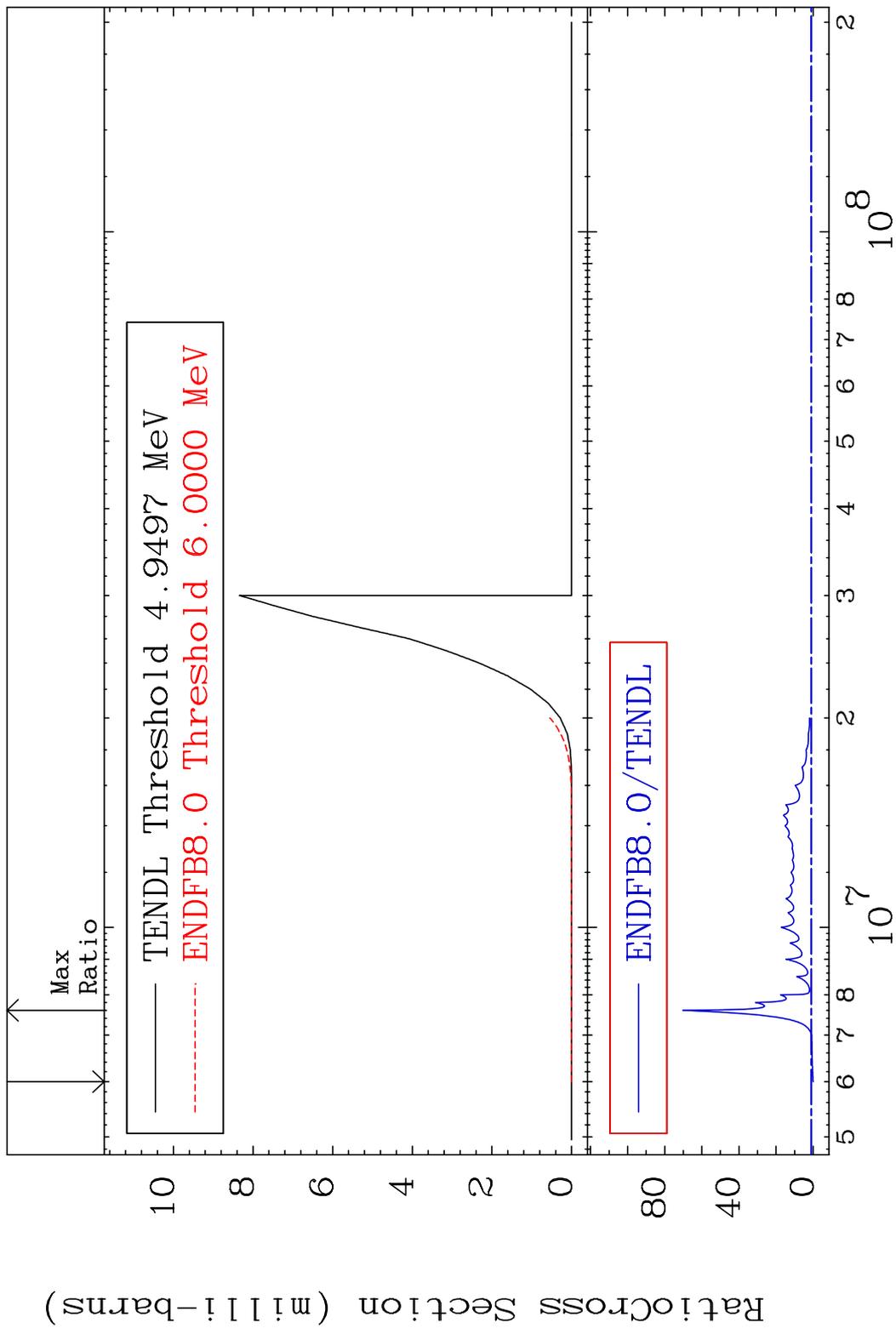
MAT 4225 (n,d) 42-Mo-92
 Cross Section -100.0 To -31.08%



MAT 4225 (n, t) 42-Mo-92
 Cross Section -100.0 To 9999. %



MAT 4225 (n, He-3) 42-Mo-92
 Cross Section -100.0 To 6925. %

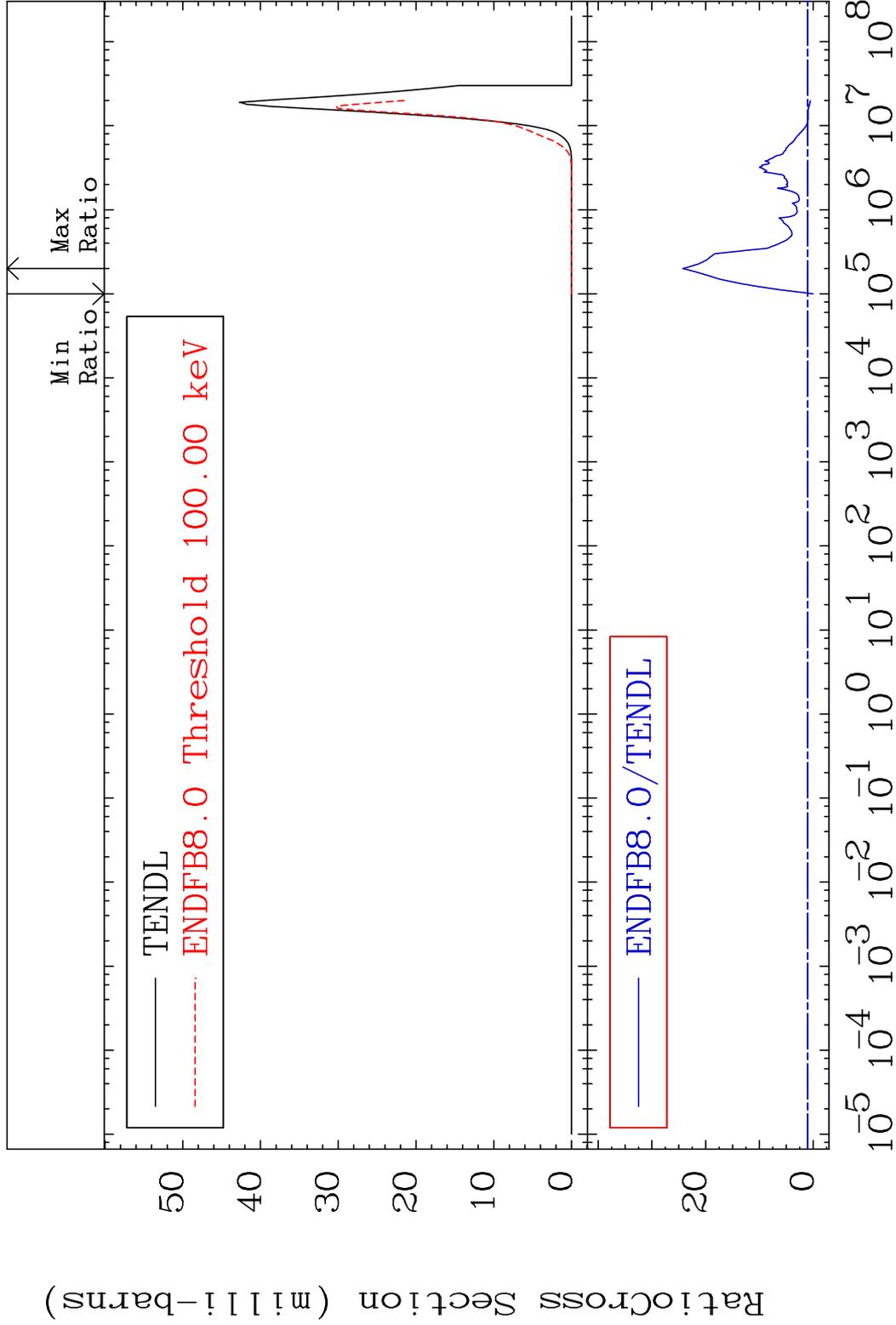


MAT 4225

(n, α)

42-Mo-92

Cross Section -100.0 To 2325. %



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Incident Energy (eV)

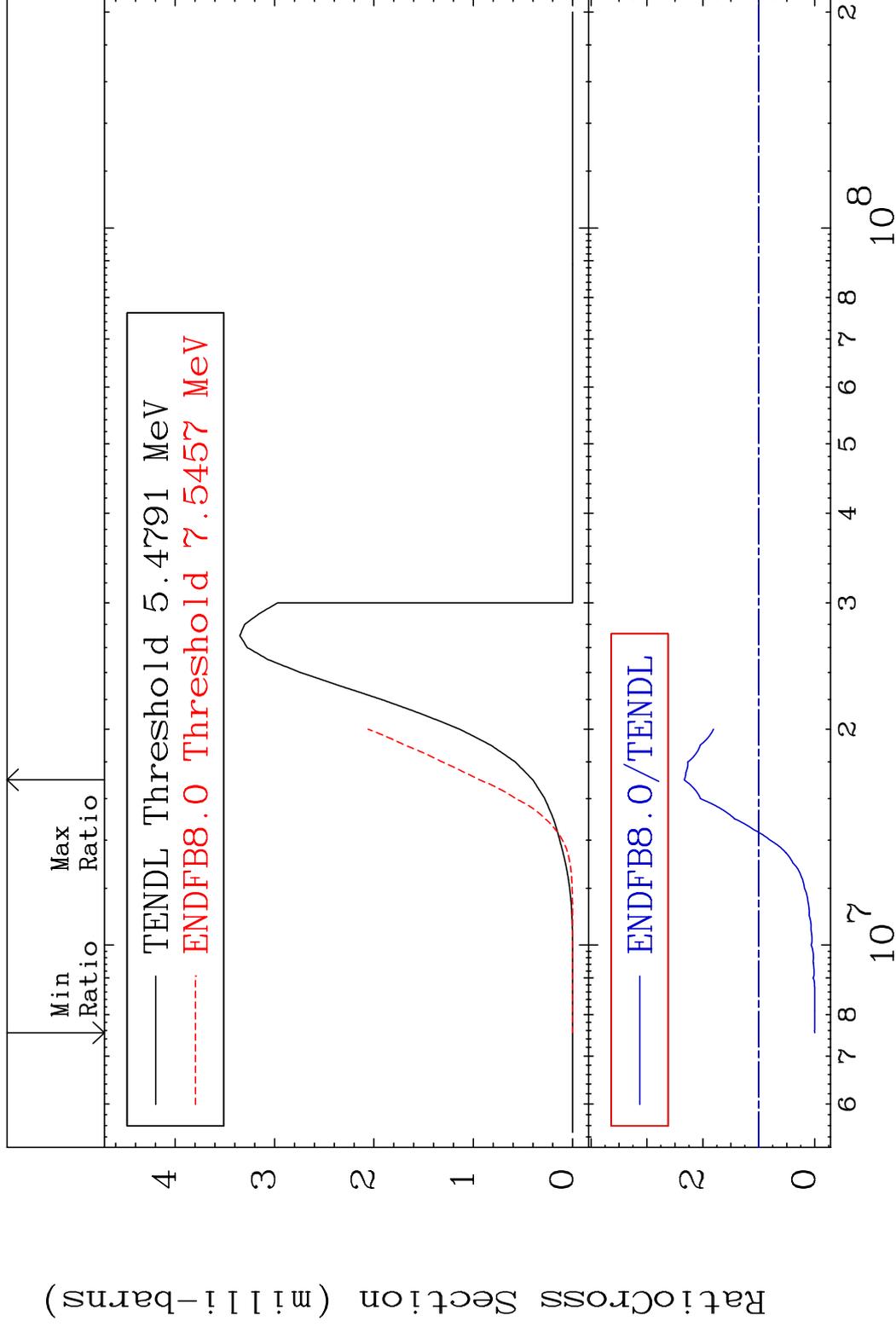
42-Mo-92

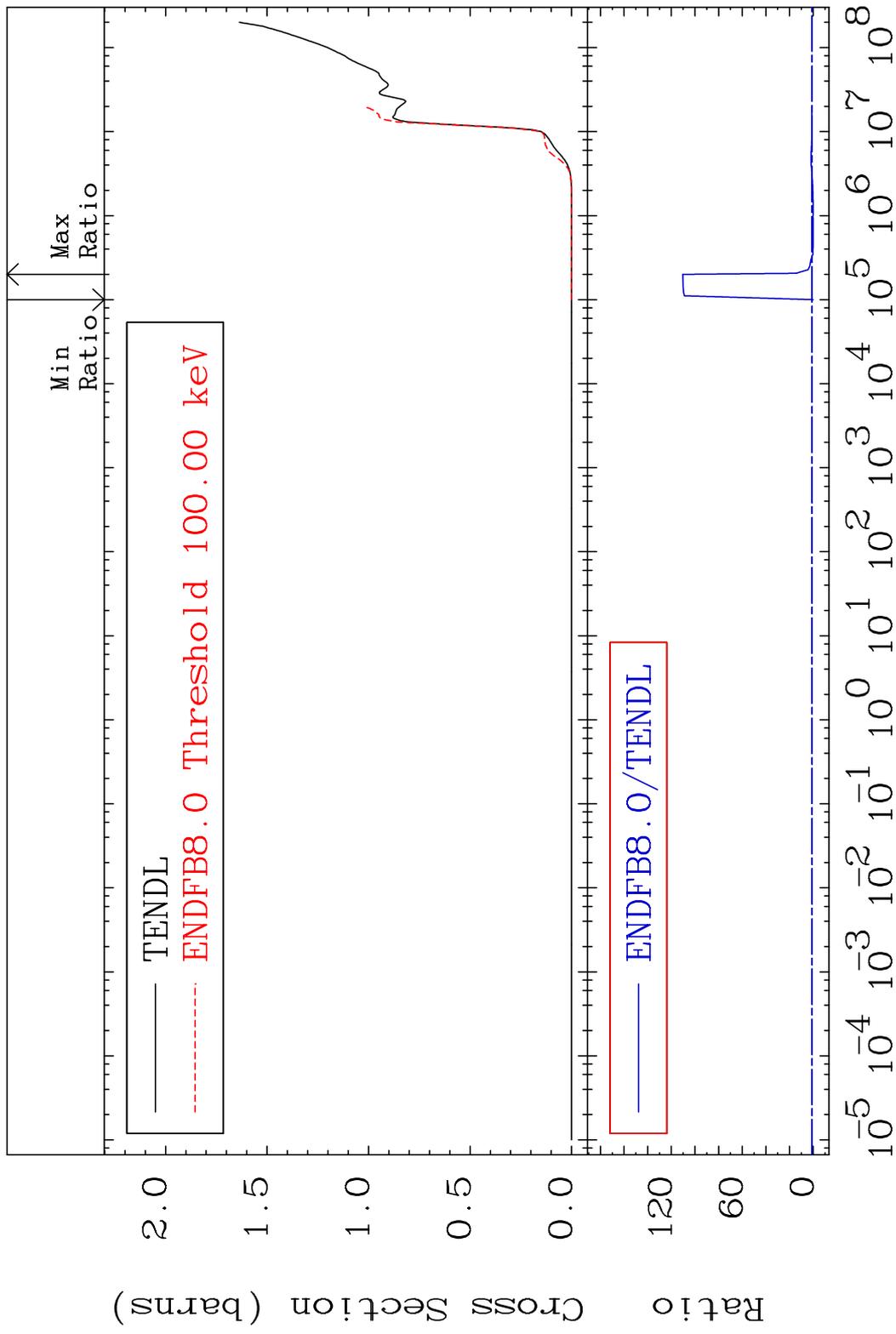
MAT 4225

(n,2p)

42-Mo-92

Cross Section -100.0 To 133.5 %



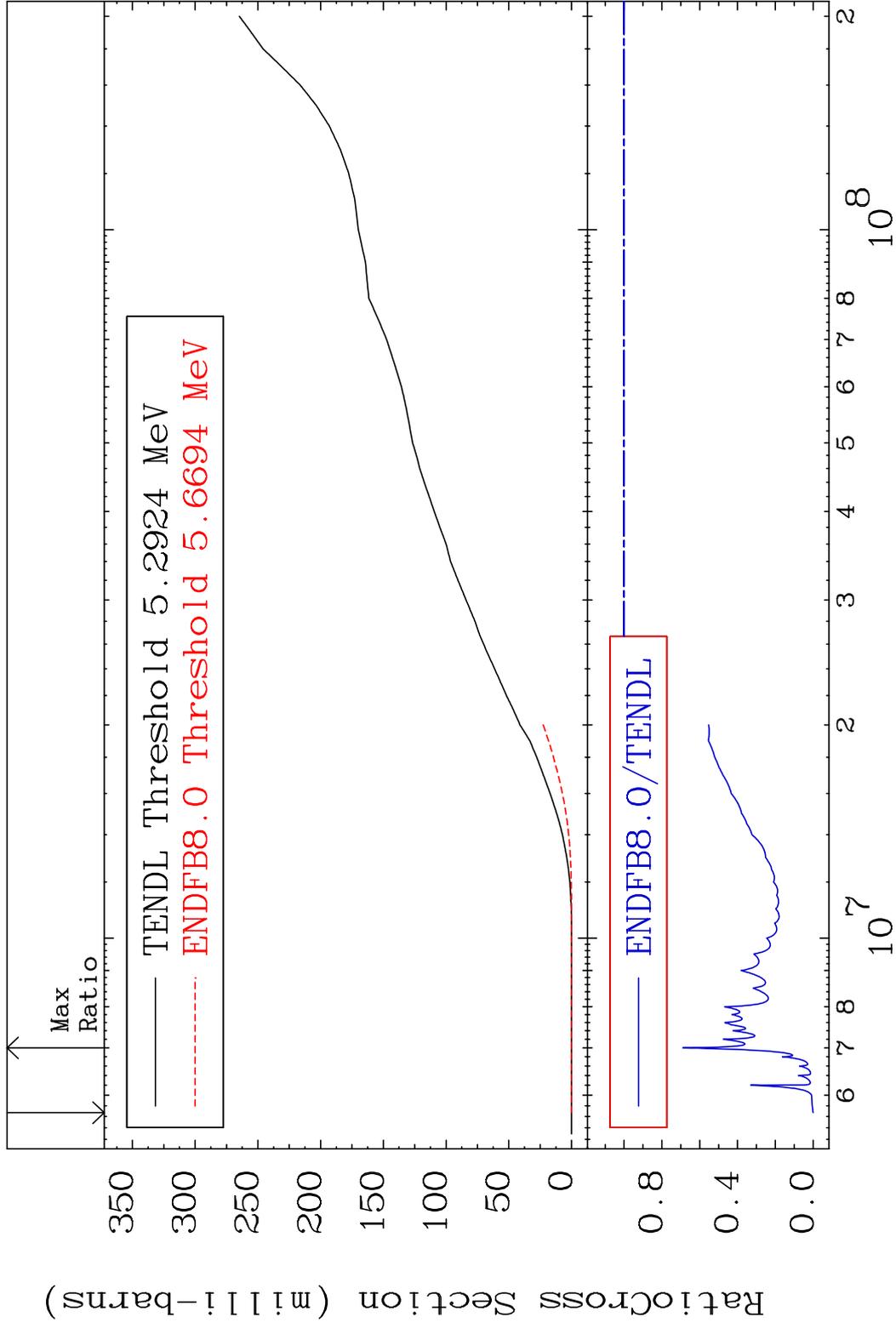


MAT 4225

Deuterium Production

42-Mo-92

Cross Section -100.0 To -31.08%

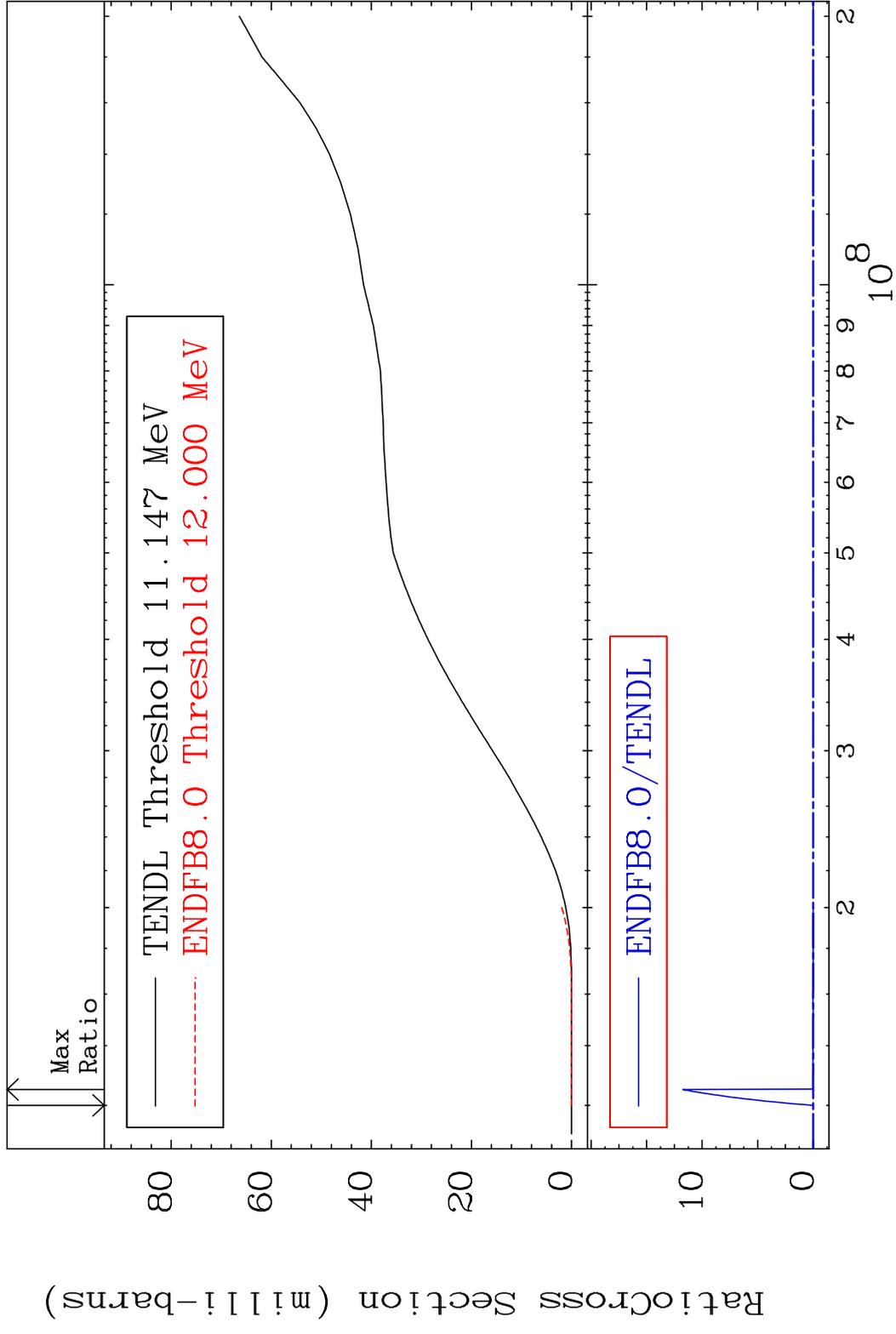


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Incident Energy (eV)

42-Mo-92

MAT 4225 Tritium Production 42-Mo-92
 Cross Section -100.0 To 9999. %

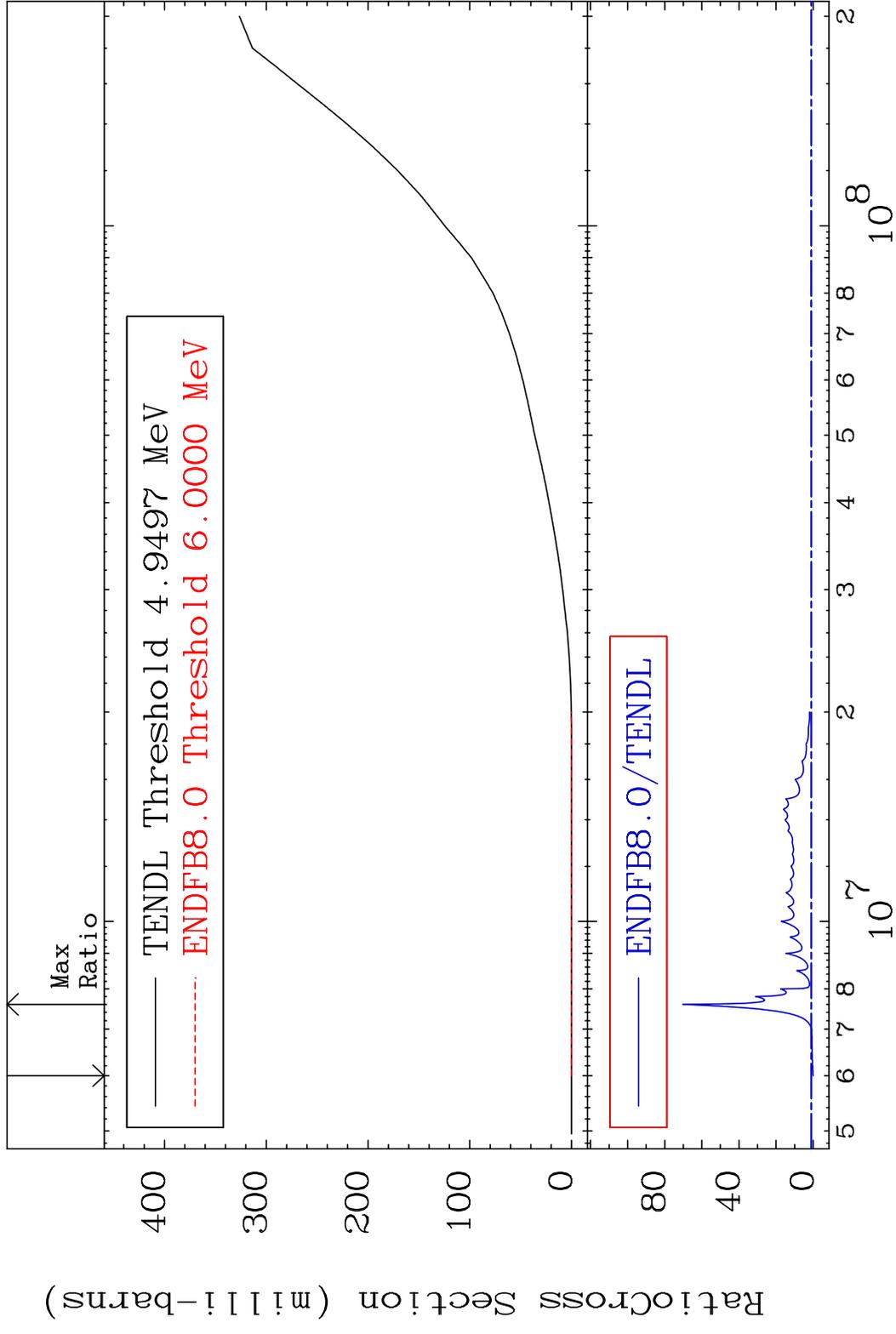


MAT 4225

He-3 Production

42-Mo-92

Cross Section -100.0 To 6925. %



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Incident Energy (eV)

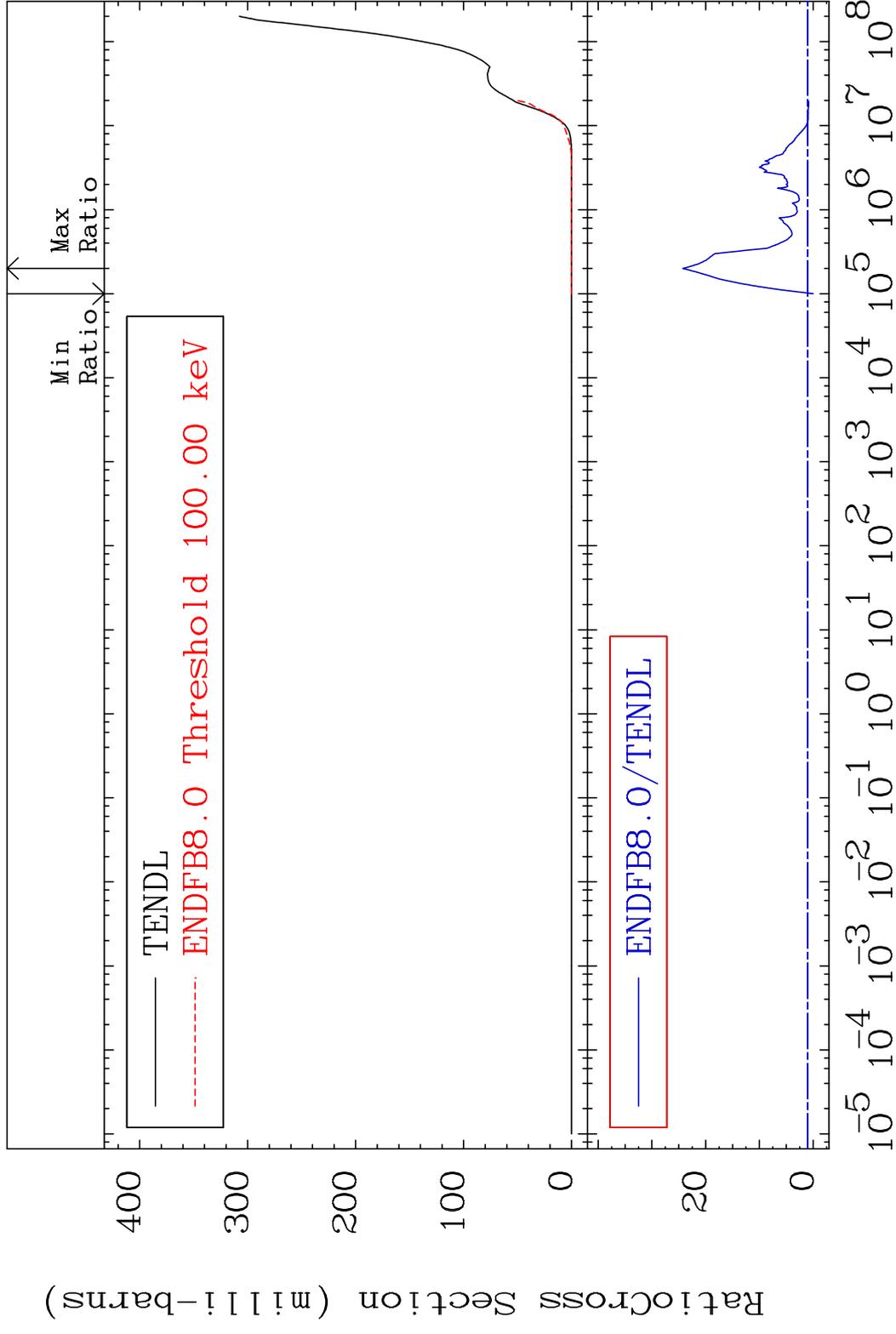
42-Mo-92

MAT 4225

He-4 Production

42-Mo-92

Cross Section -100.0 To 2325. %

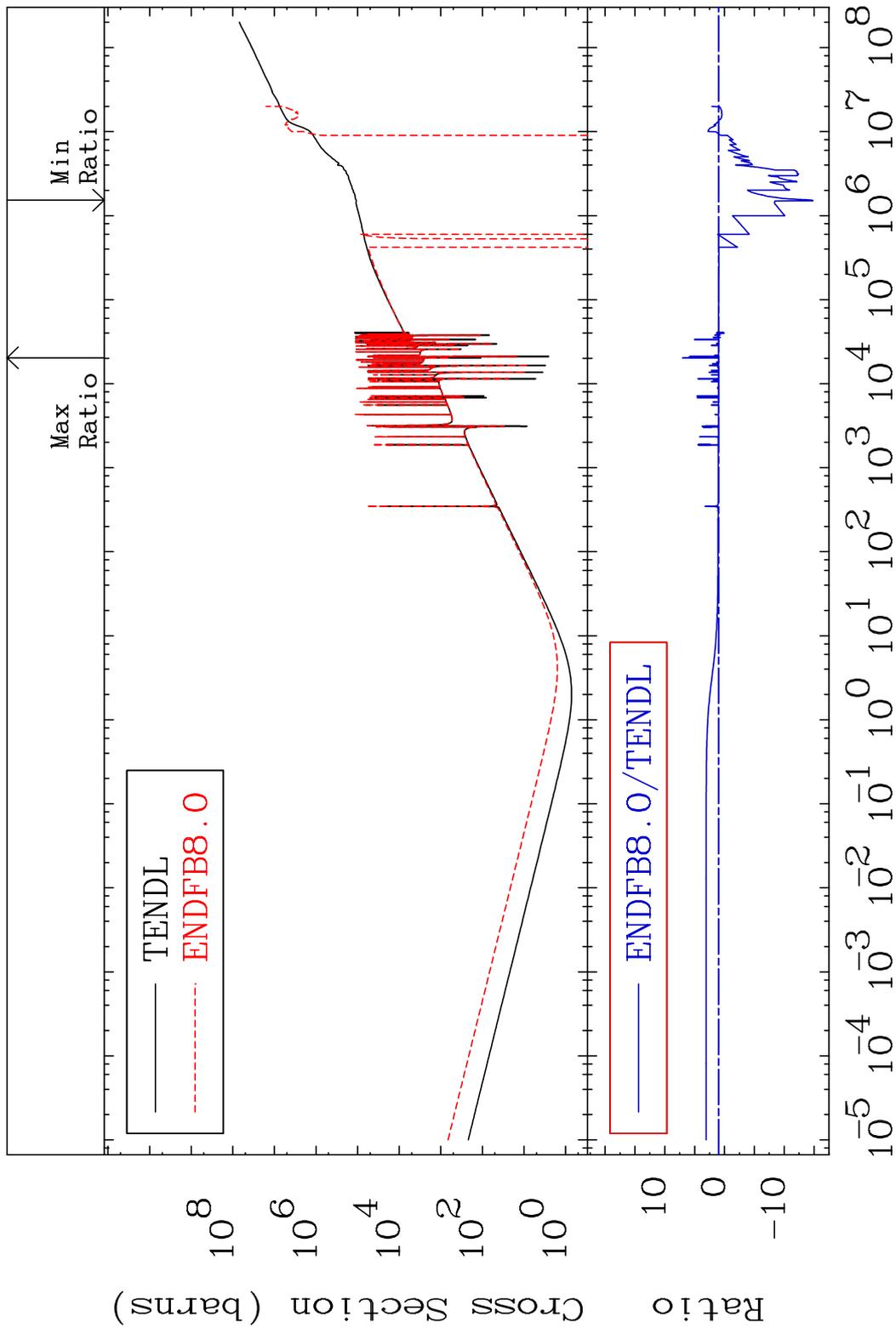


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Incident Energy (eV)

42-Mo-92

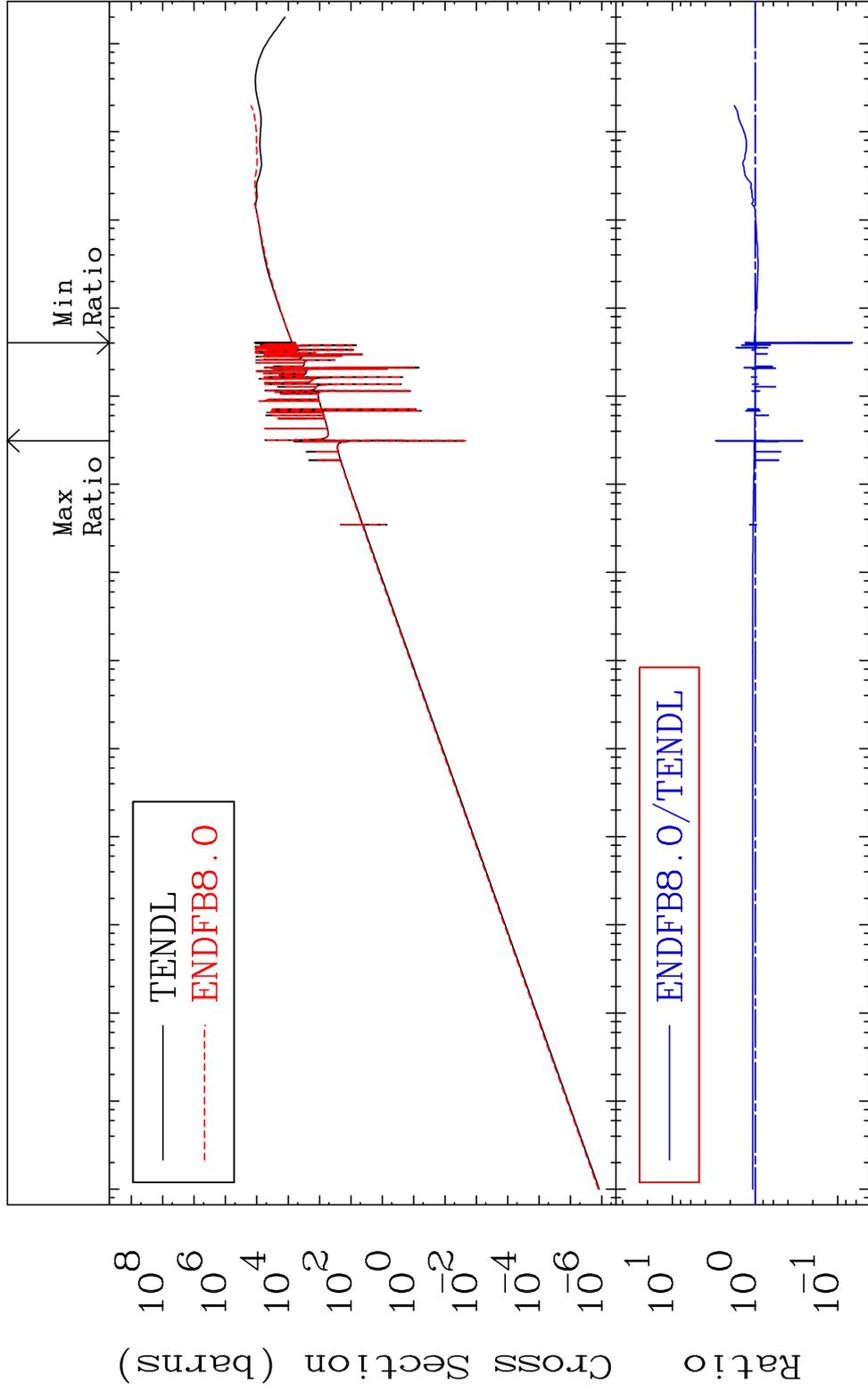
MAT 4225 Kerma total (eV-barns) 42-Mo-92
 Cross Section -1585. To 597.7 %



MAT 4225

Kerma elastic
Cross Section

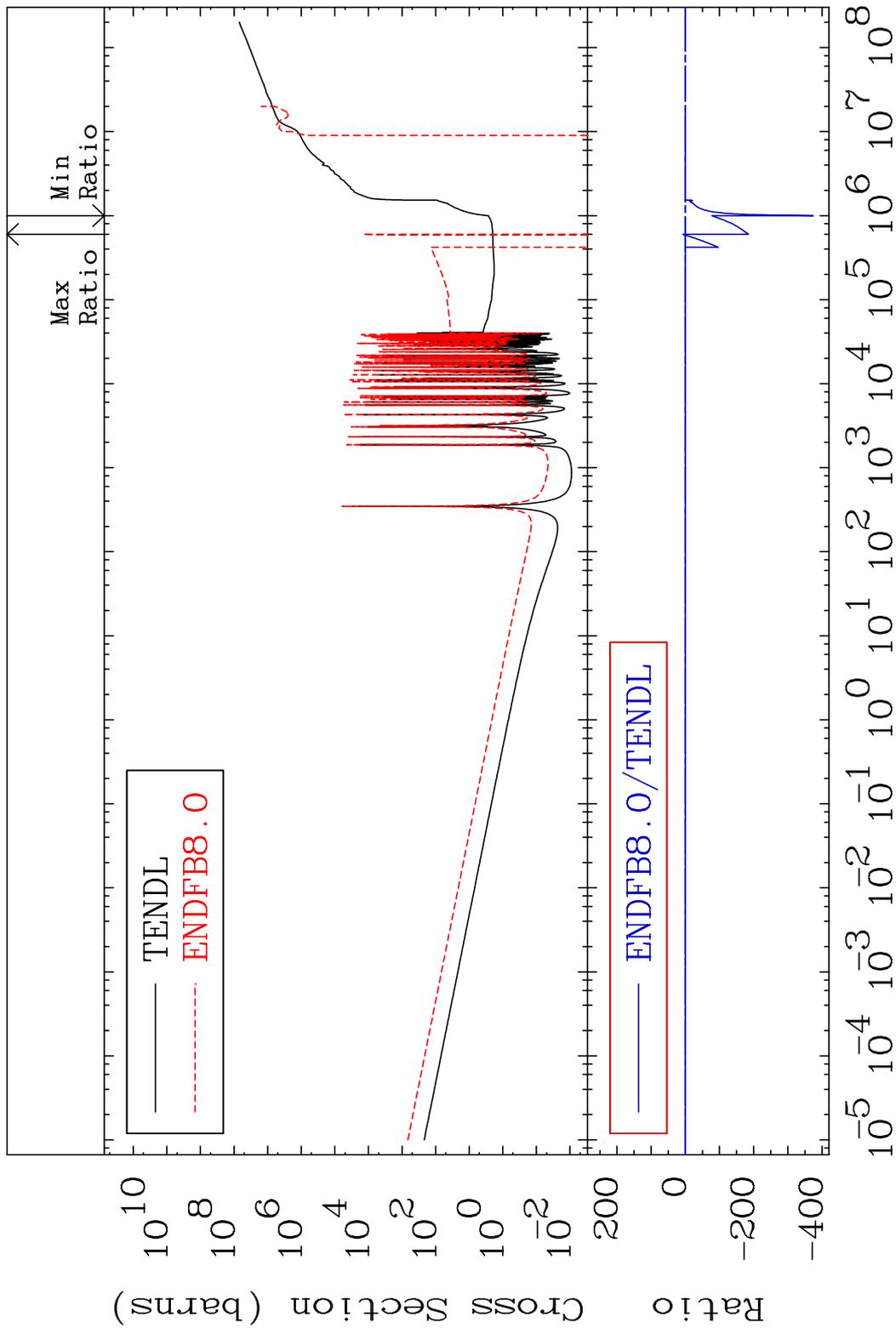
42-Mo-92
-93.37 To 198.2 %



Cross Section (barns)
Ratio

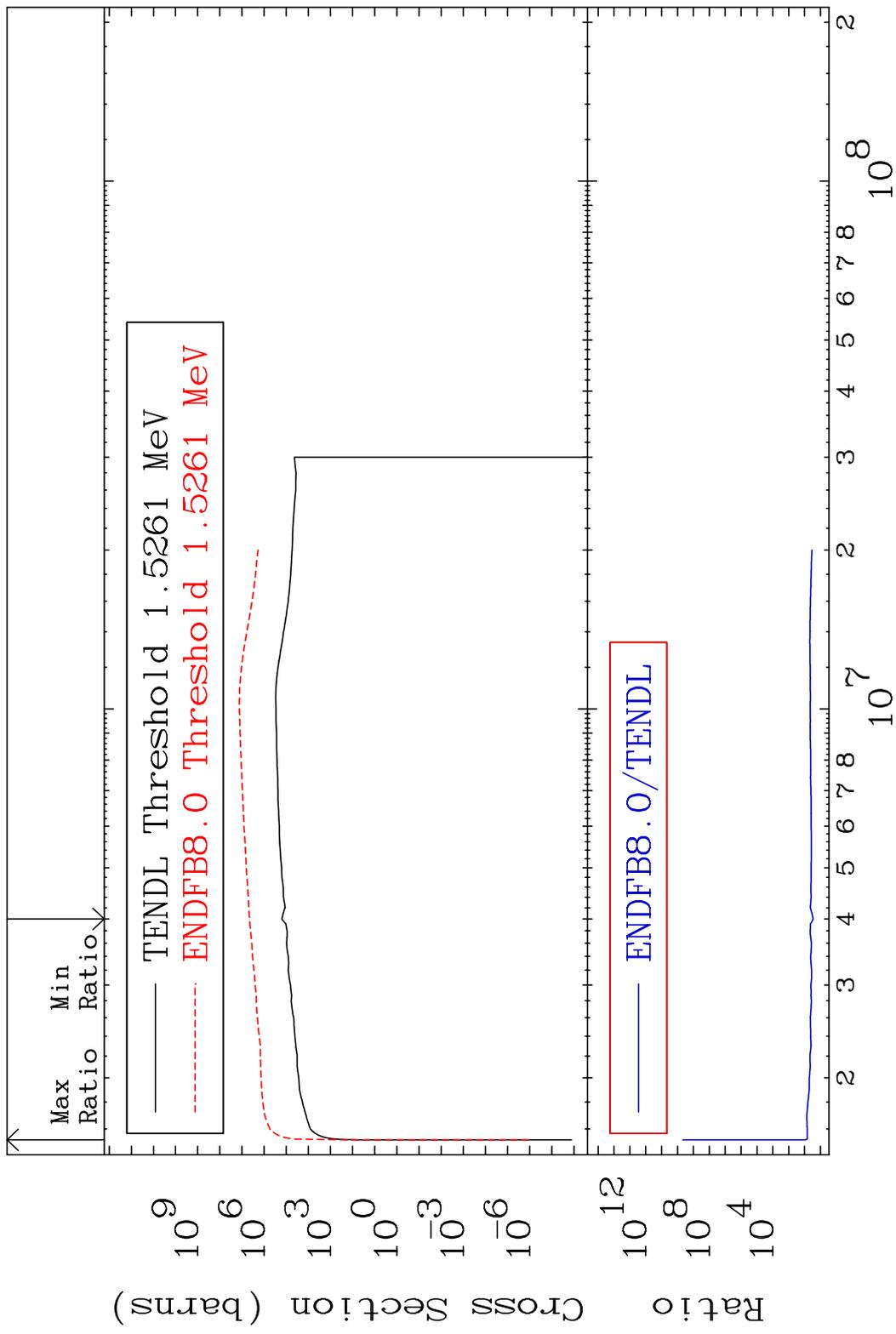
Incident Energy (eV)

MAT 4225 Kerma non-elastic (all but mt2) 42-Mo-92
 Cross Section -9999. To 9999. %

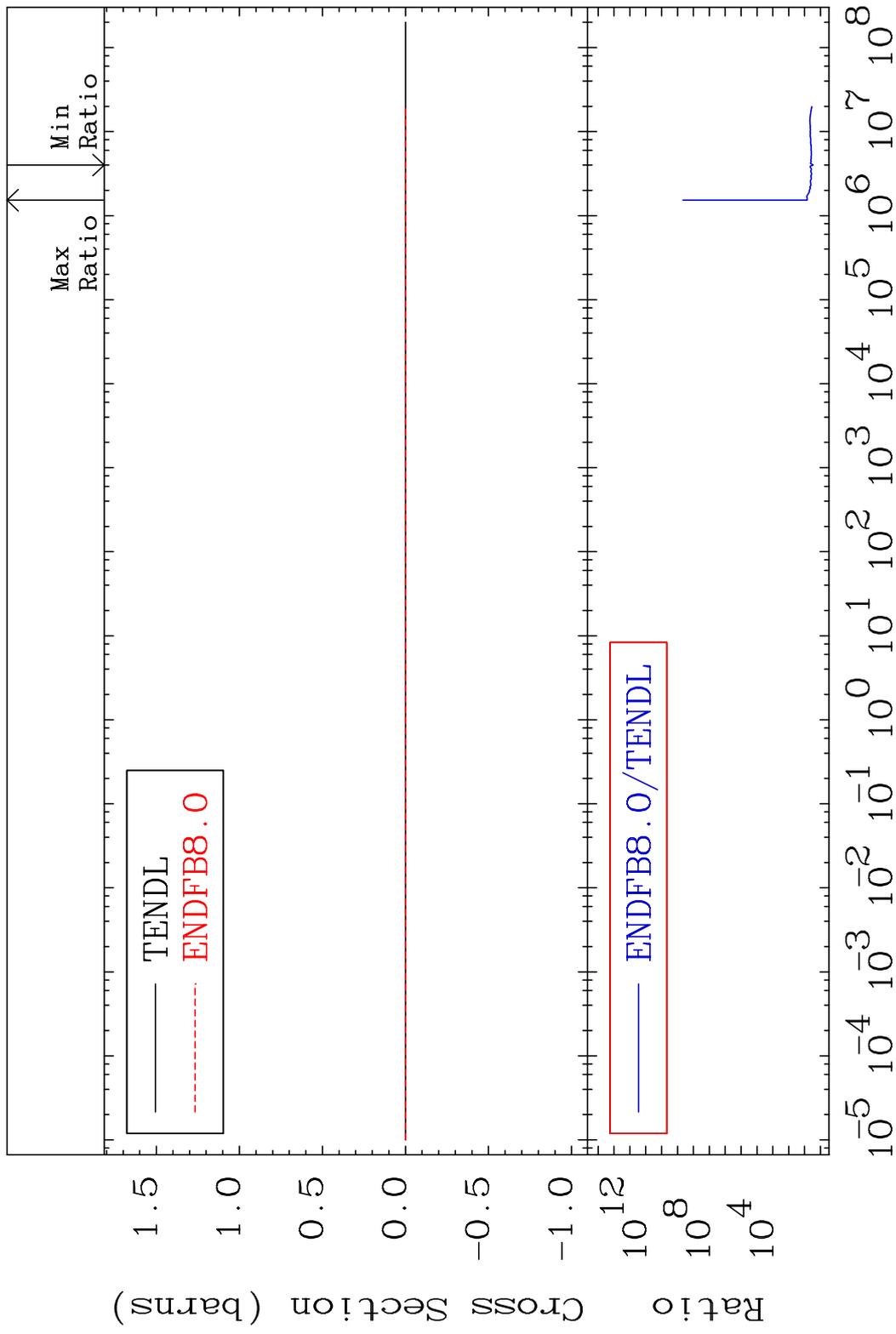


38 Incident Energy (eV) 42-Mo-92

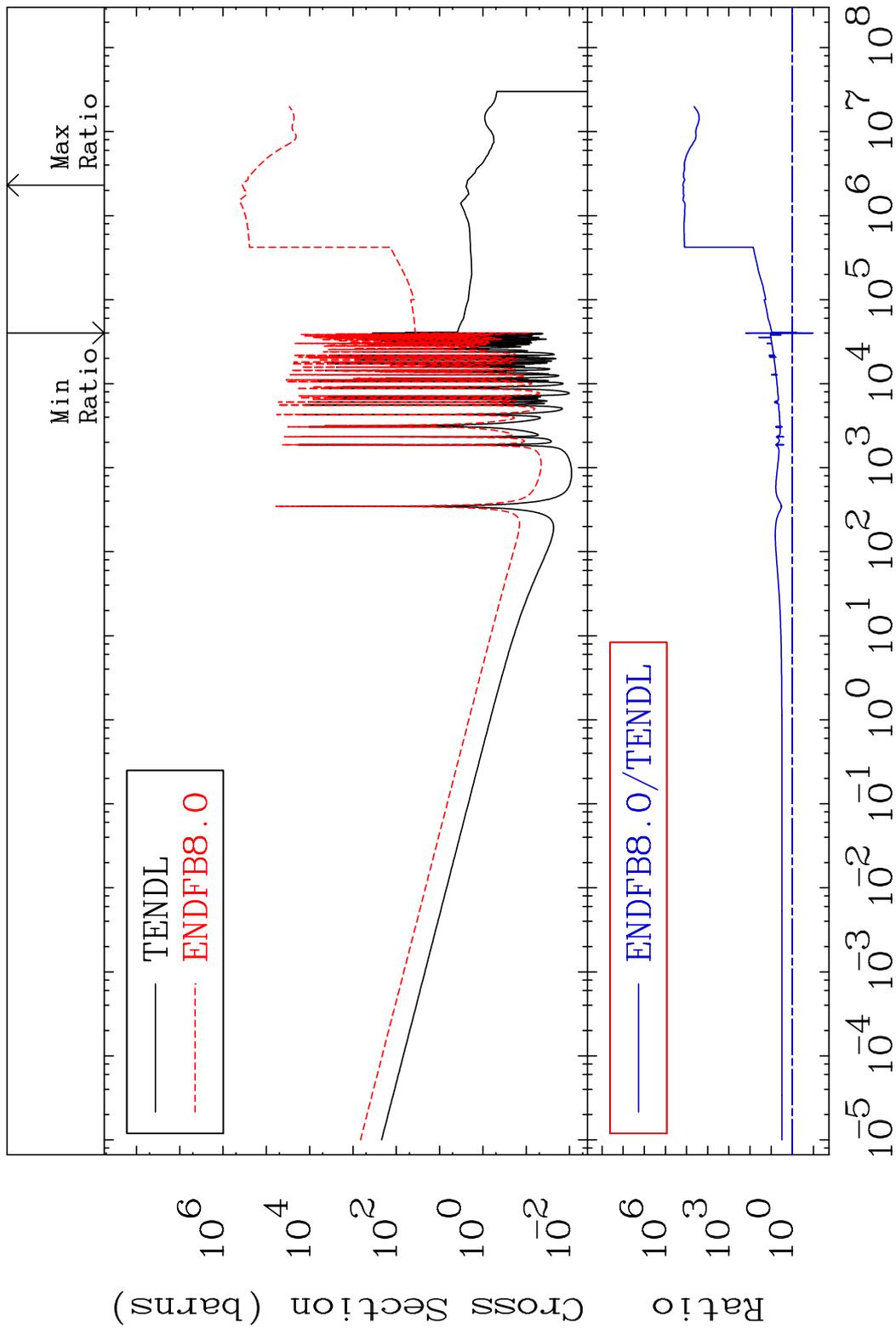
MAT 4225 Kerma inelastic (mt51-91) 42-Mo-92
 Cross Section 2801. To 9999. %



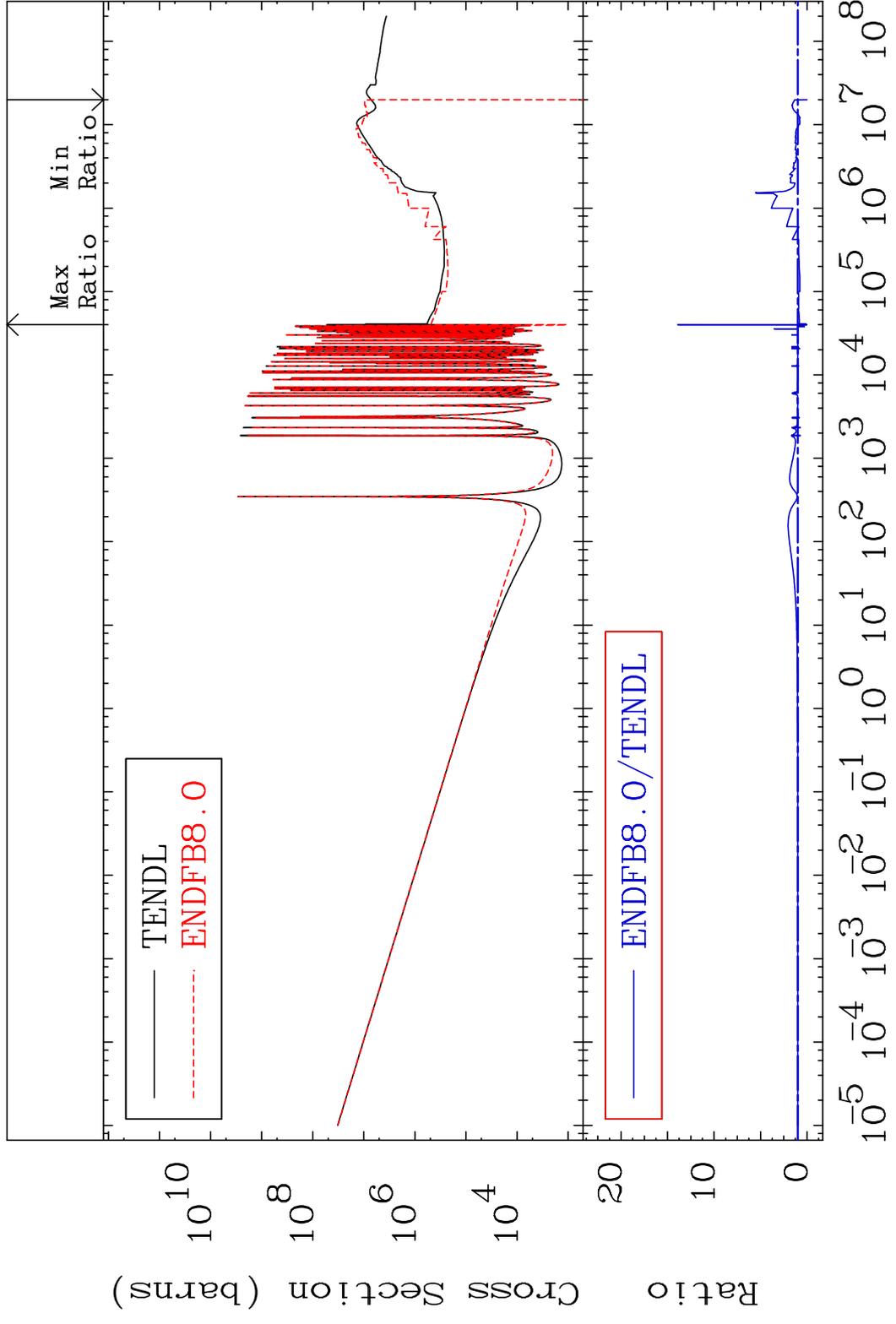
MAT 4225 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-92
 Cross Section 2801. To 9999. %



MAT 4225 Kerma capture (mt102) 42-Mo-92
 Cross Section -89.73 To 9999. %

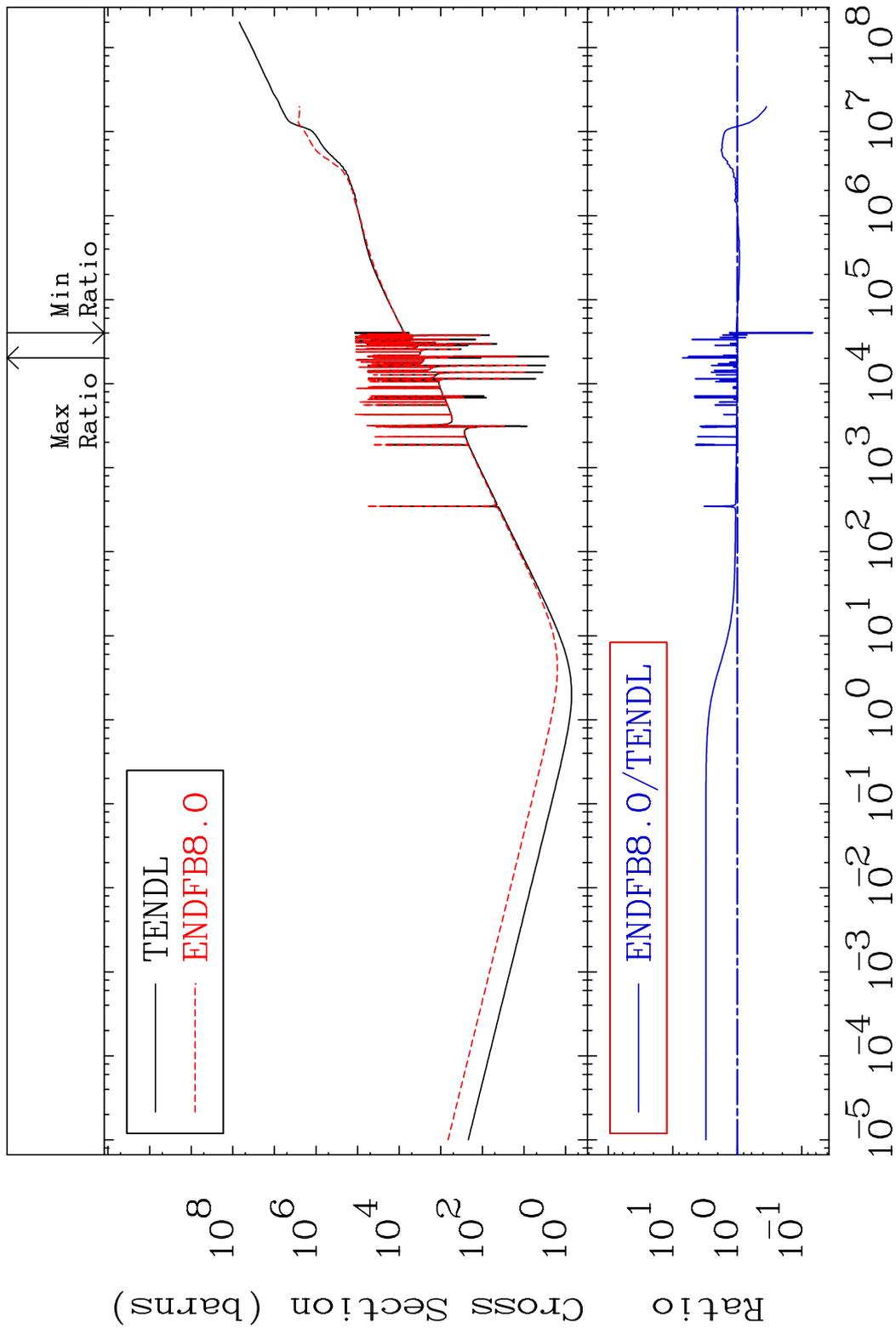


MAT 4225 Total photon (eV-barns) 42-Mo-92
 Cross Section -100.0 To 1291. %



42 Incident Energy (eV) 42-Mo-92

MAT 4225 Total kinematic kerma (high limit) 42-Mo-92
 Cross Section -93.35 To 597.7 %

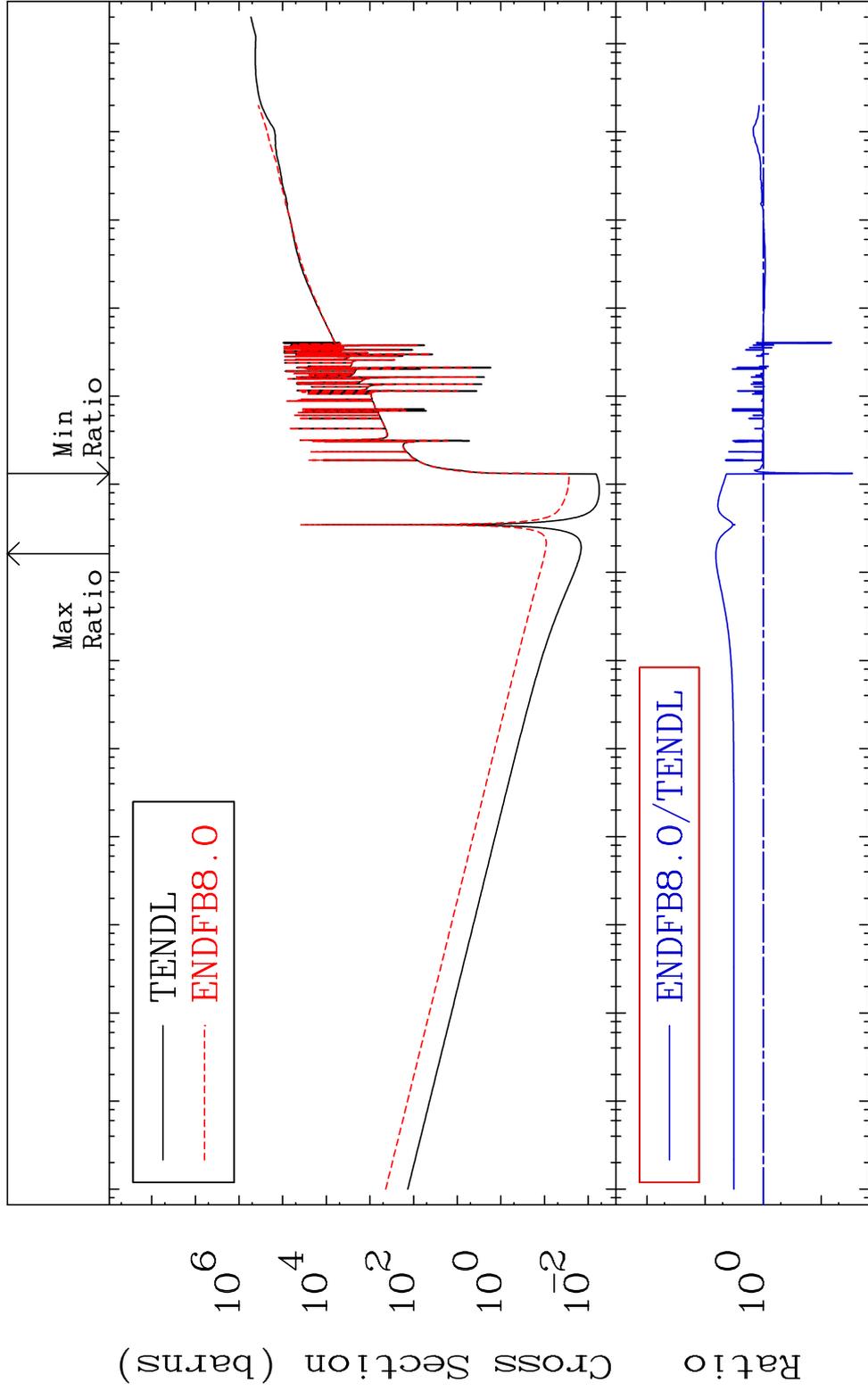


MAT 4225

Dpa total (eV-barns)

42-Mo-92

Cross Section -97.10 To 554.1 %



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

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Incident Energy (eV)

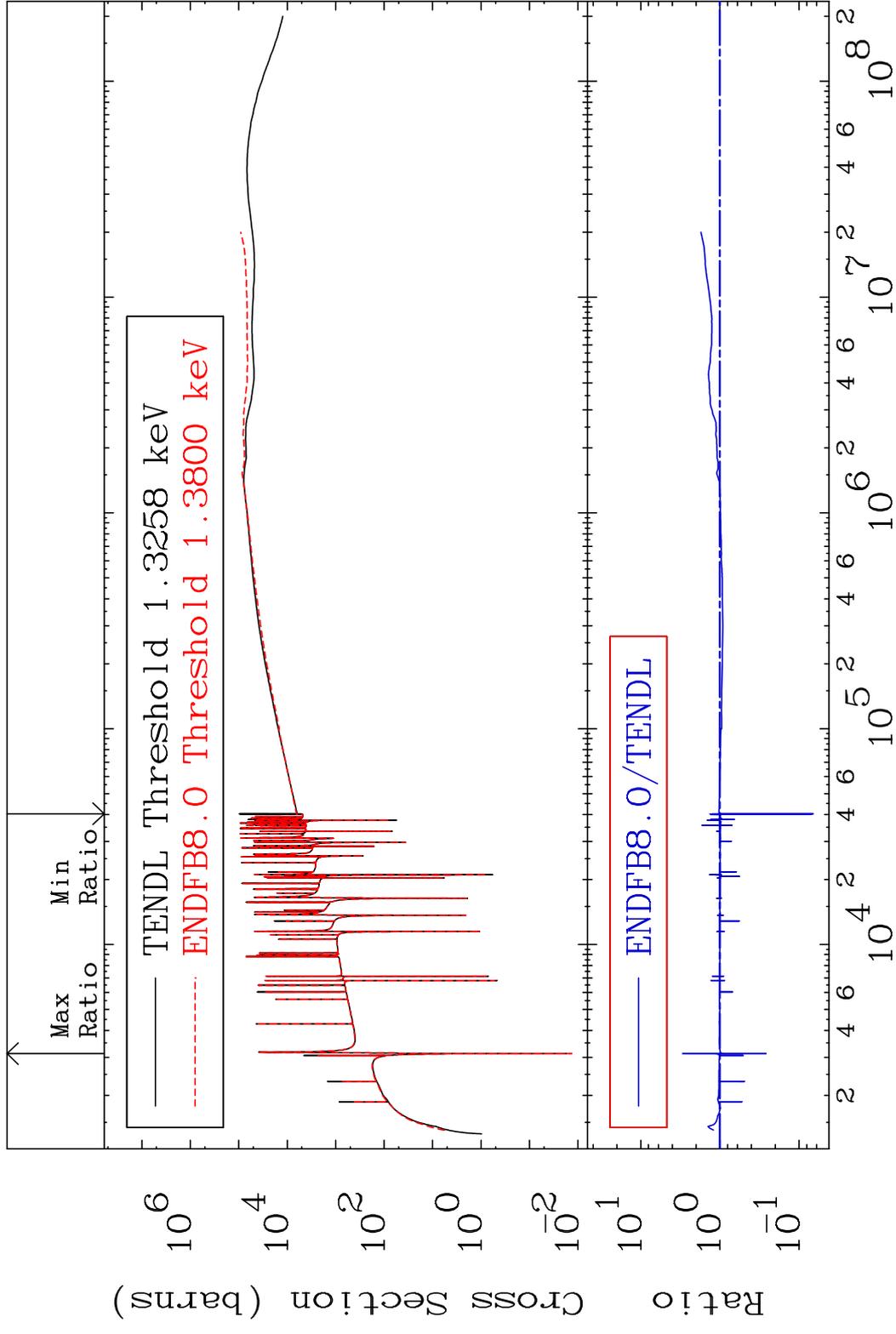
42-Mo-92

MAT 4225

Dpa elastic (mt2)

42-Mo-92

Cross Section -93.37 To 194.2 %

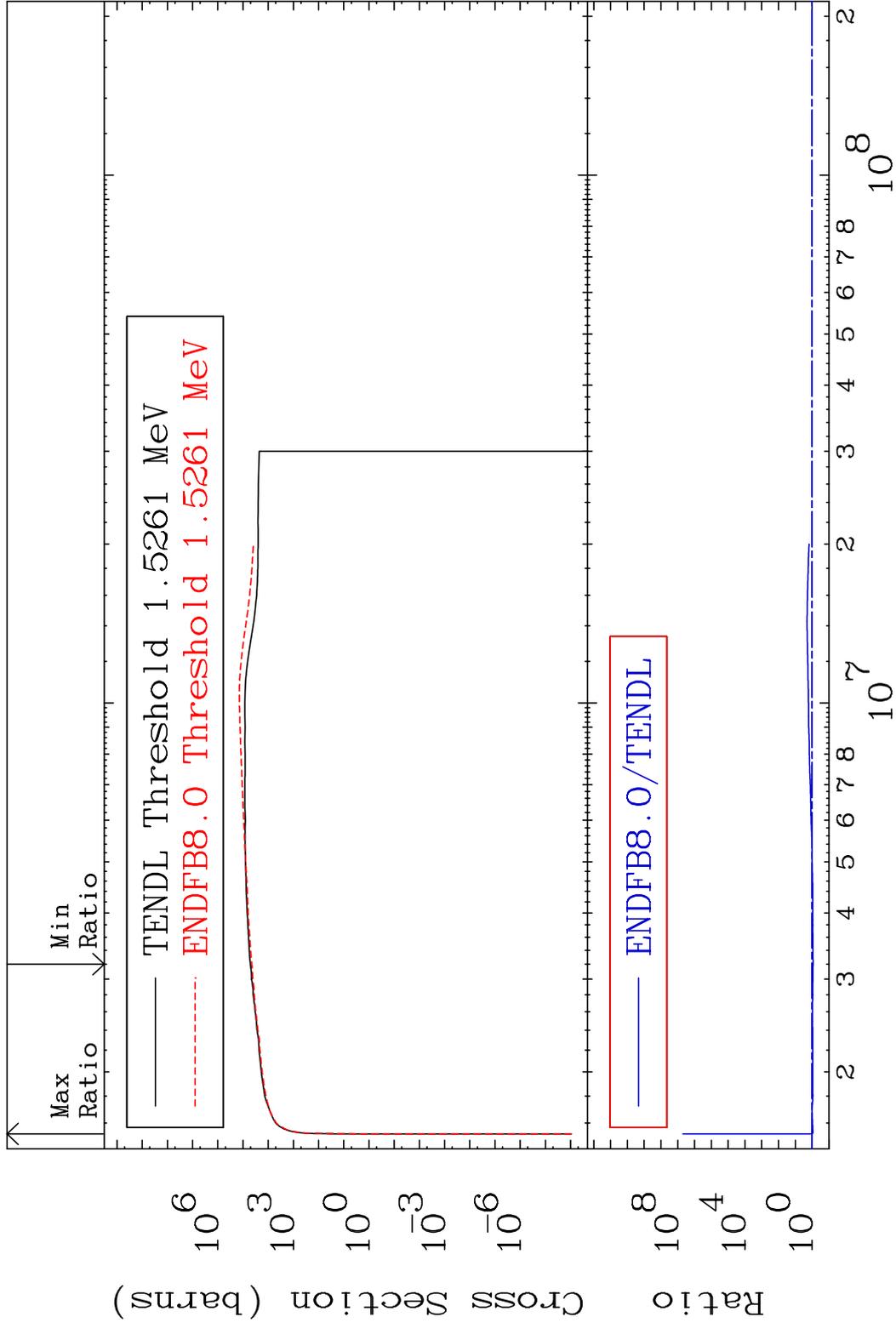


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Incident Energy (eV)

42-Mo-92

MAT 4225 Dpa inelastic (mt51-91) 42-Mo-92
 Cross Section -13.28 To 9999. %



MAT 4225 Dpa disappearance (mt102 -120) 42-Mo-92
 Cross Section -96.68 To 9999. %

