

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

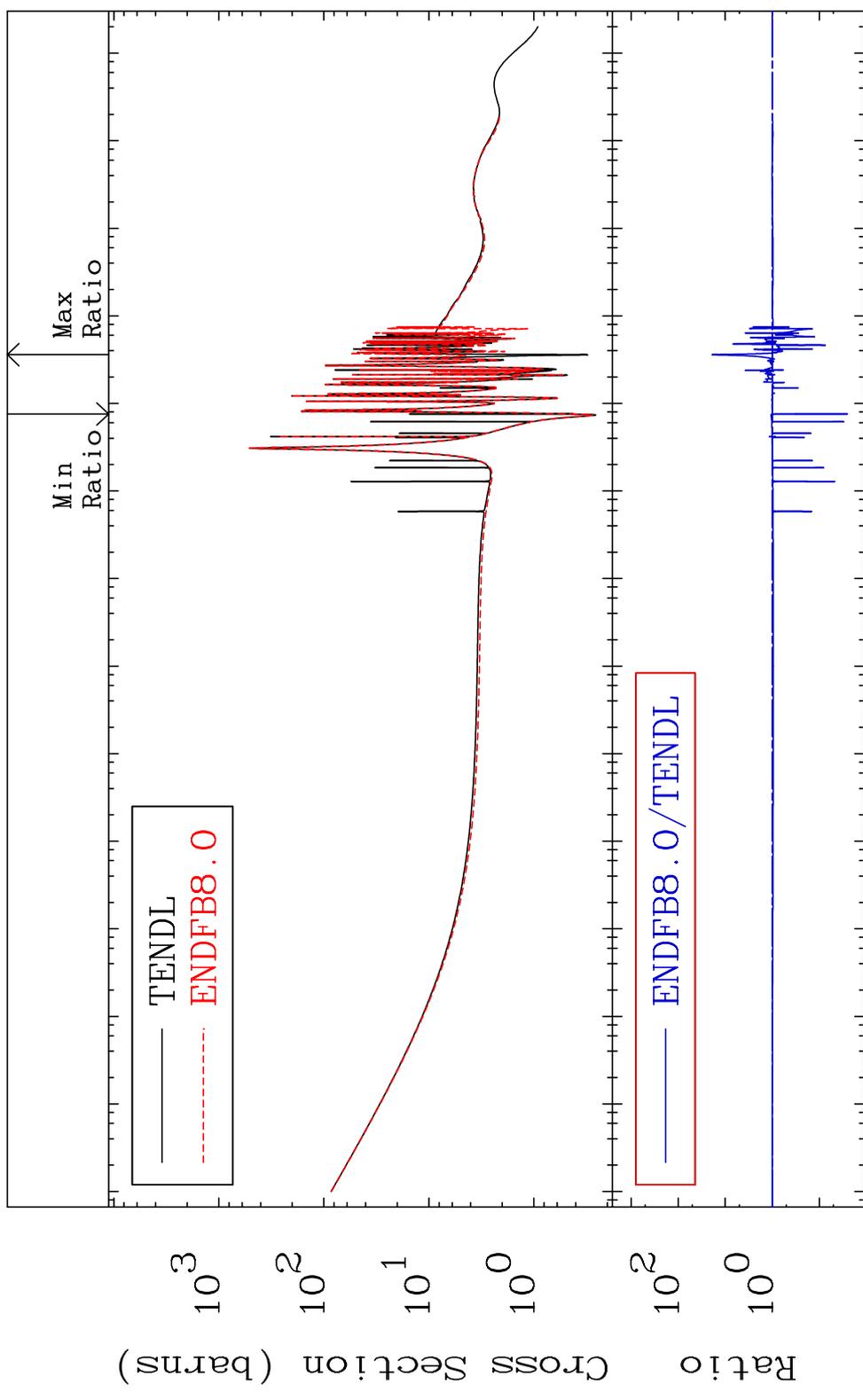
MAT 2228

Total

22-Ti-47

Cross Section

-97.51 To 1829. %

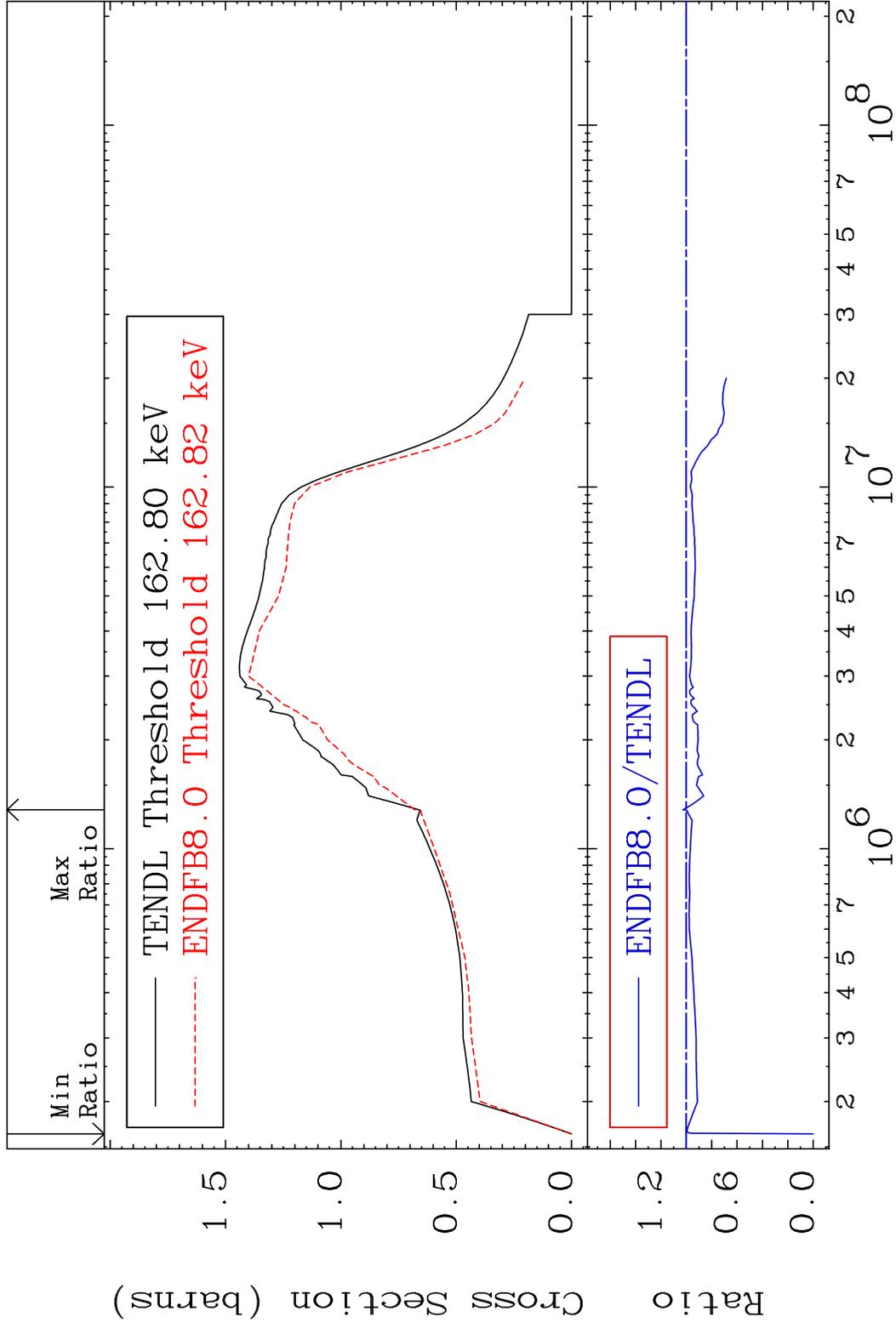


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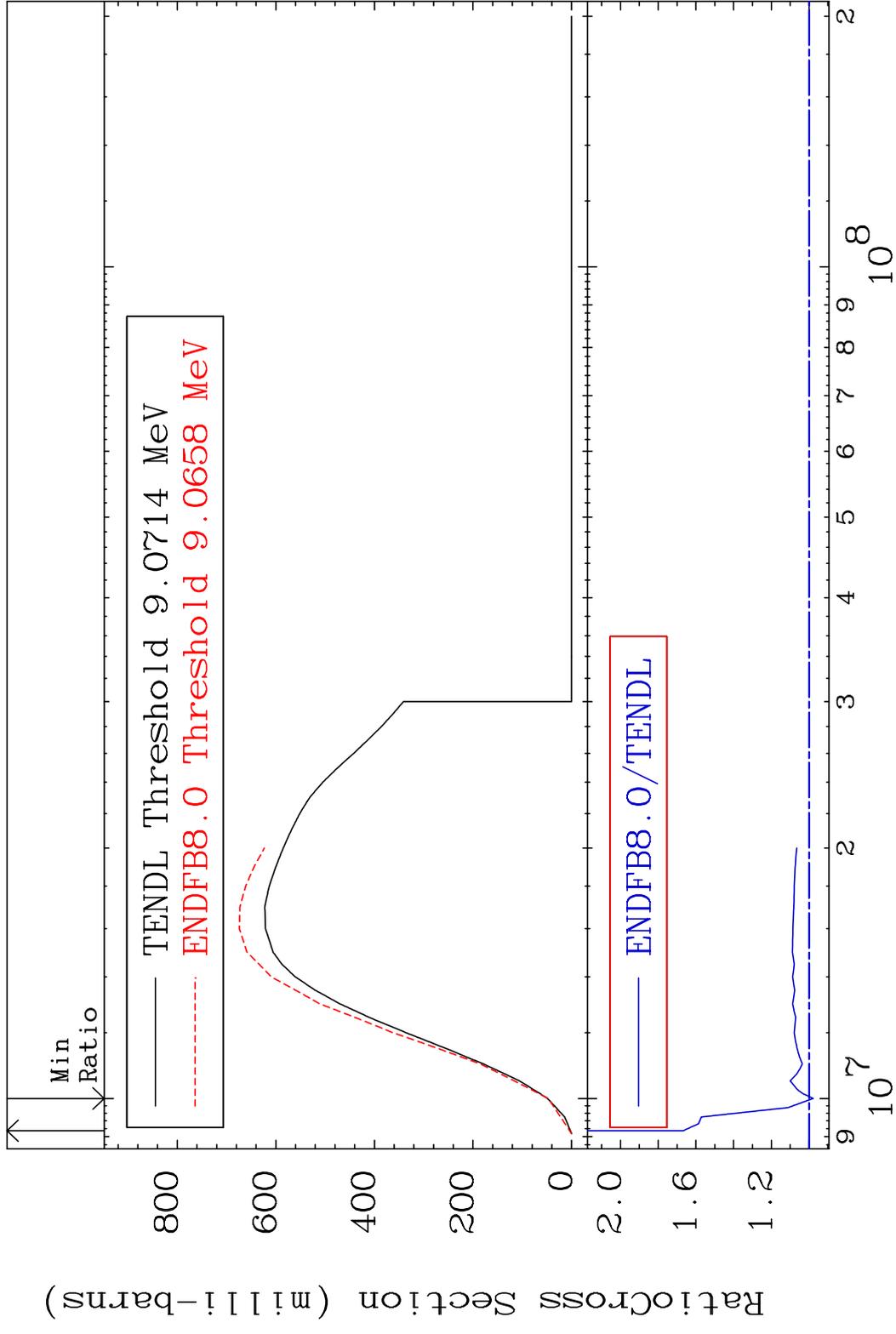
Incident Energy (eV)

22-Ti-47

MAT 2228 Inelastic Cross Section -100.0 To 2.741 % ²²Ti-47



MAT 2228 (n,2n) 22-Ti-47
 Cross Section -2.189 To 66.94 %



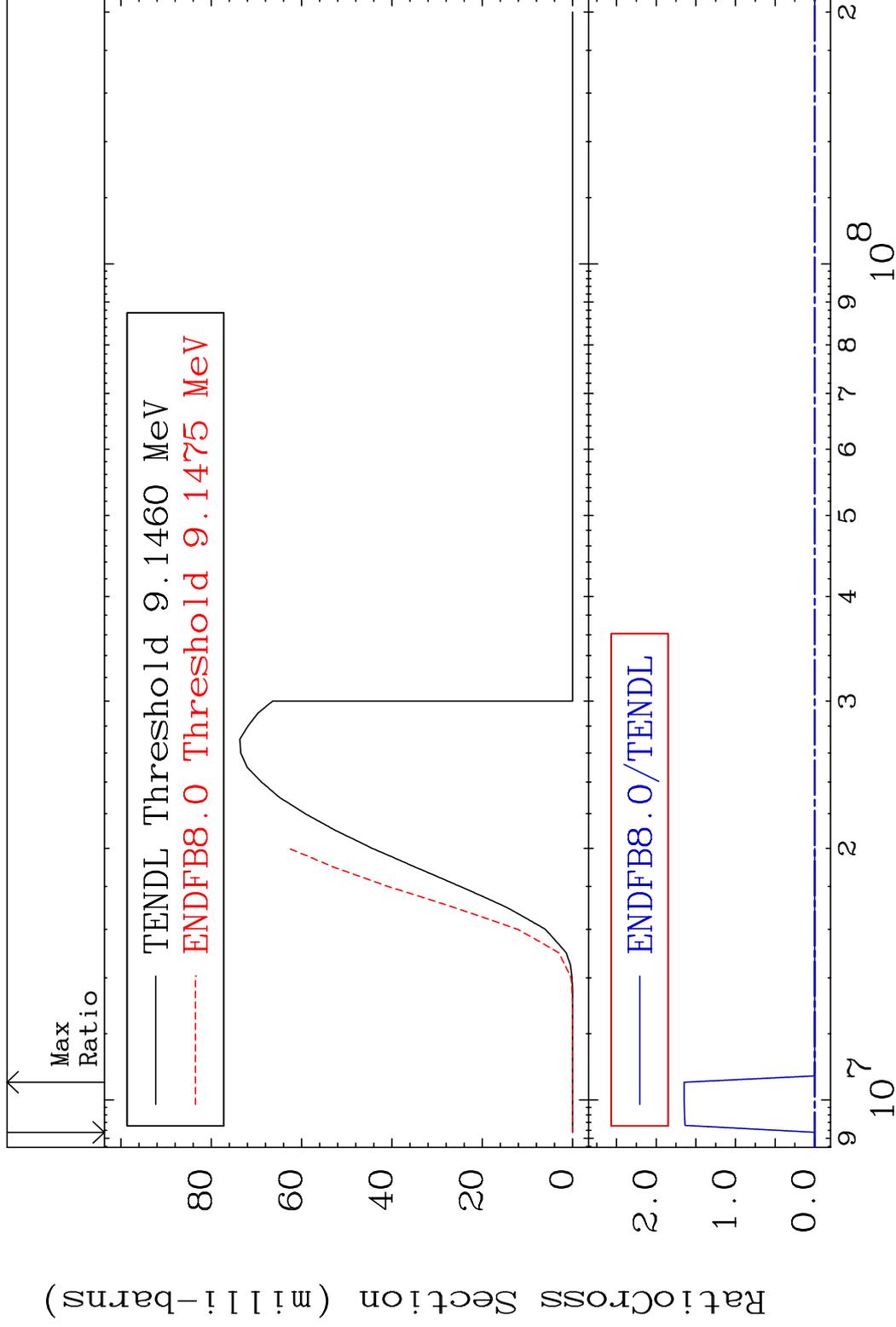
4 22-Ti-47

MAT 2228

(n, n') α

22-Ti-47

Cross Section -100.0 To 9999. %

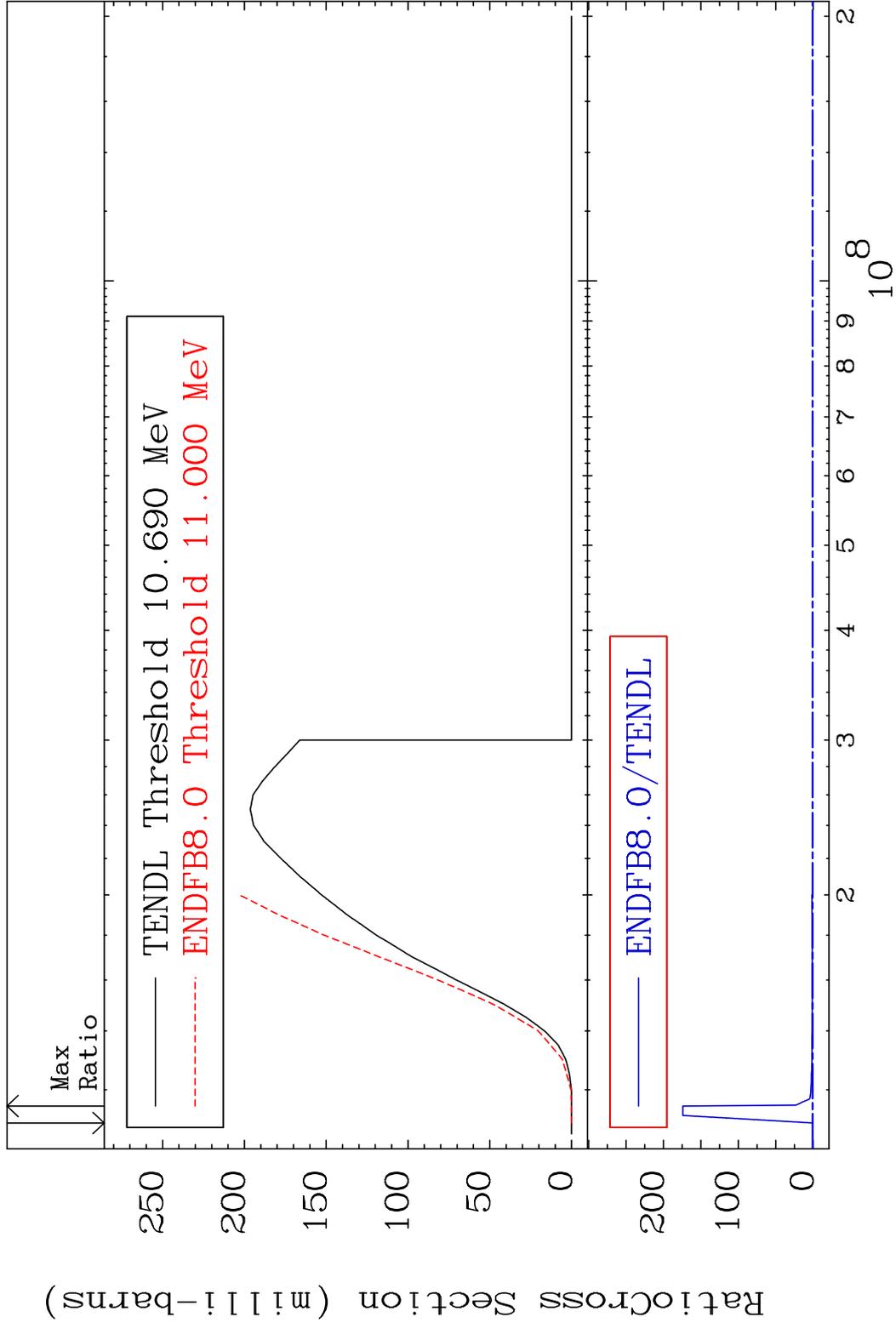


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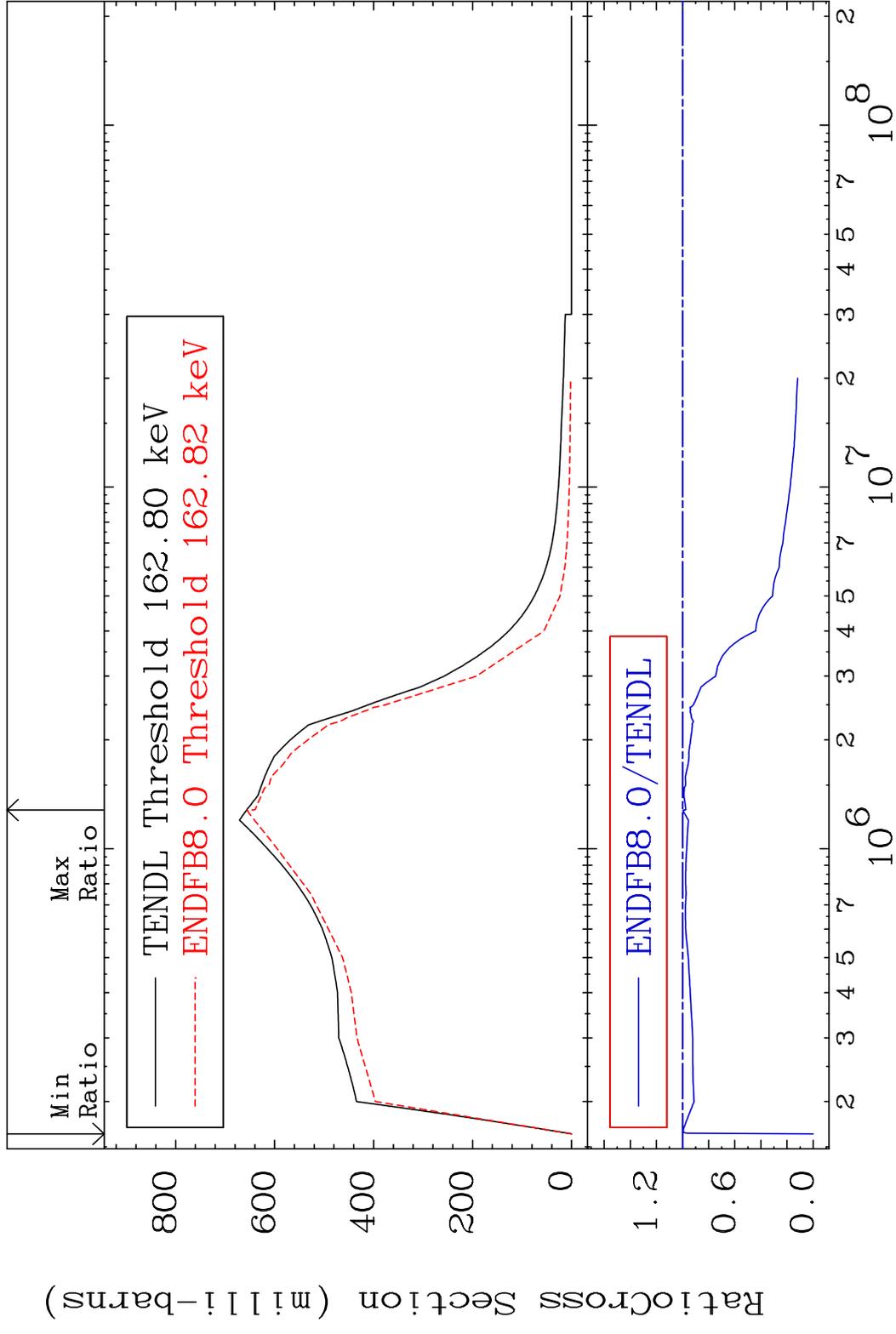
Incident Energy (eV)

22-Ti-47

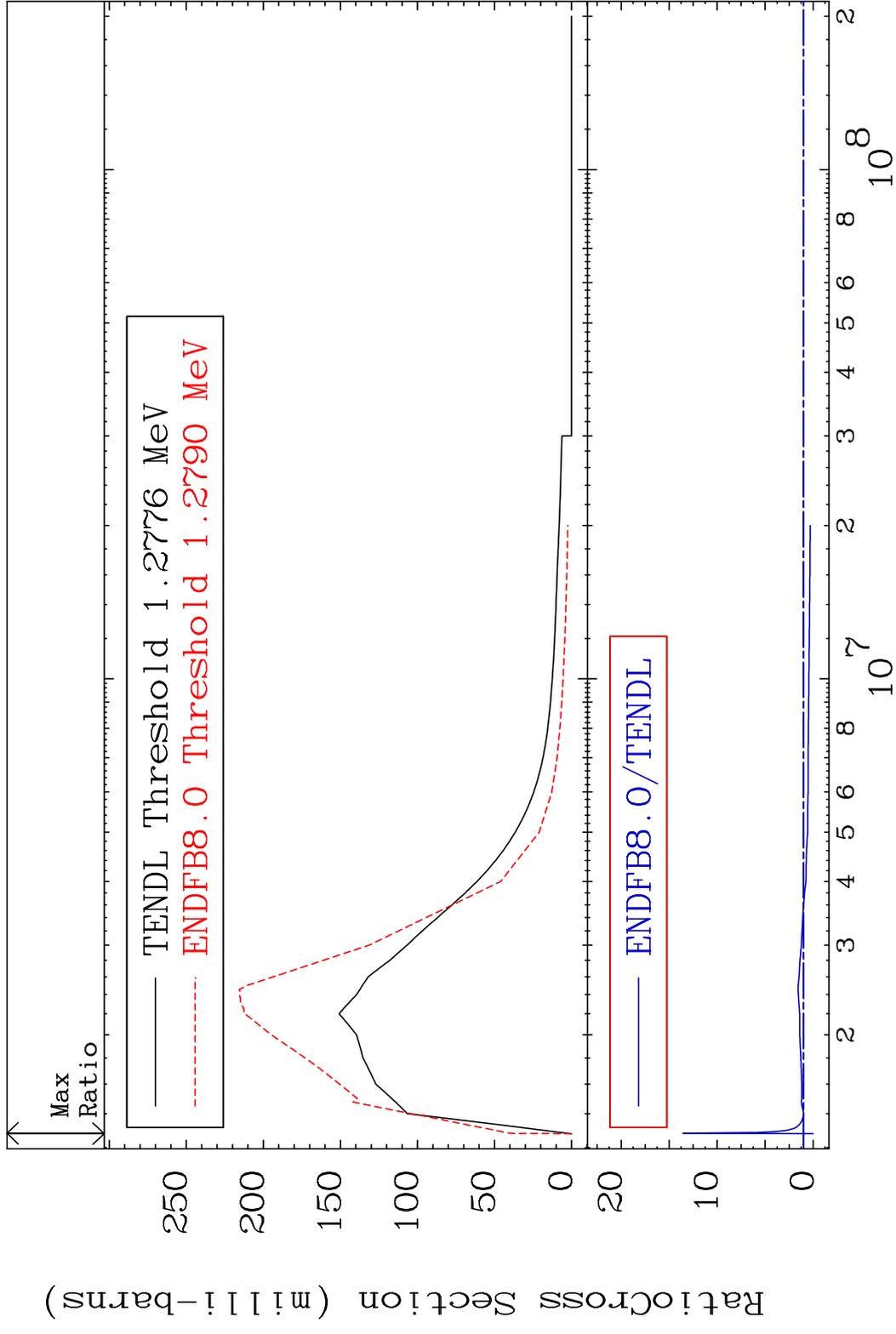
MAT 2228 (n, n') p 22-Ti-47
 Cross Section -100.0 To 9999. %



MAT 2228 MT= 51 (n,n') Level 22-Ti-47
 Cross Section -100.0 To -0.232%

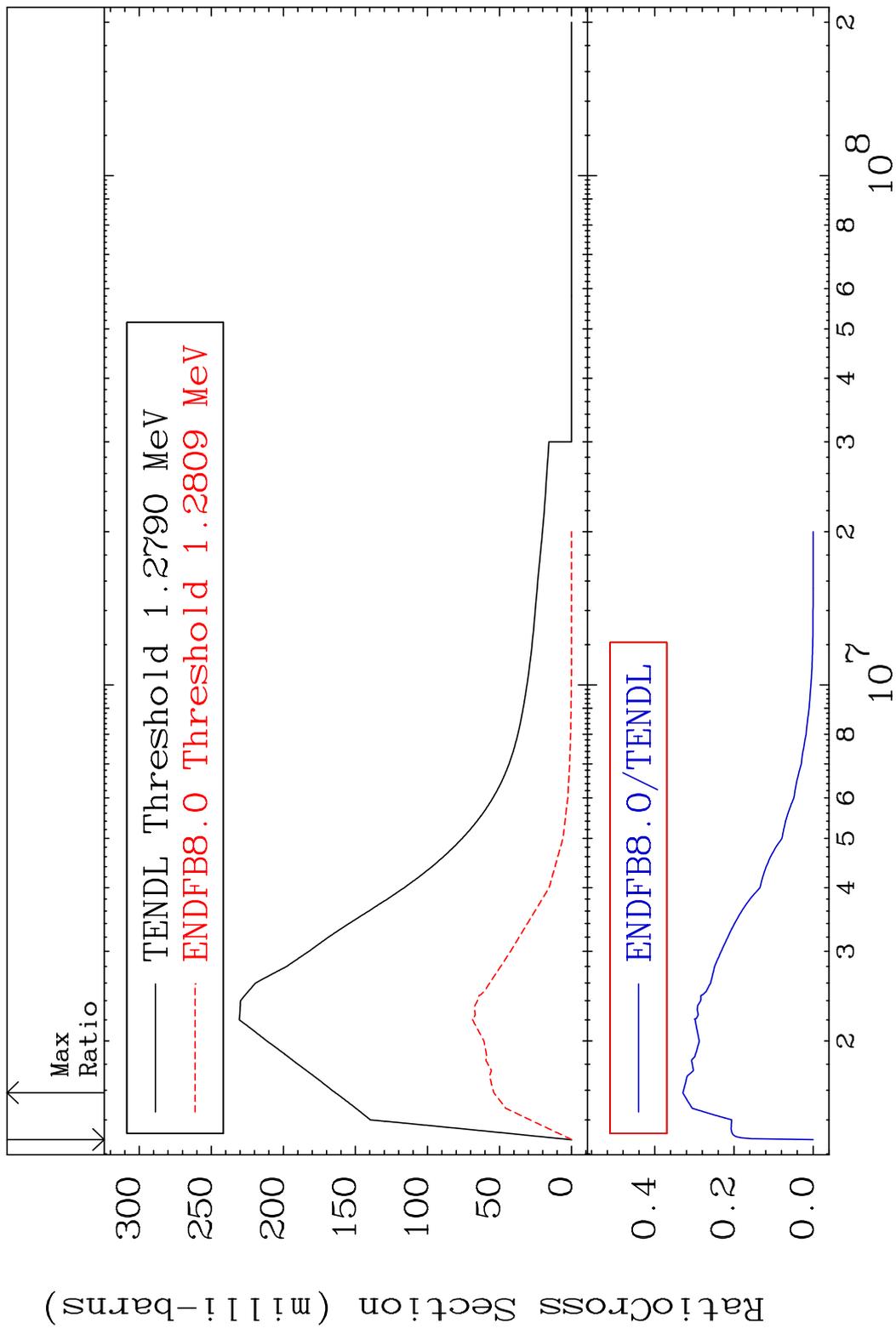


MAT 2228 MT= 52 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 1257. %

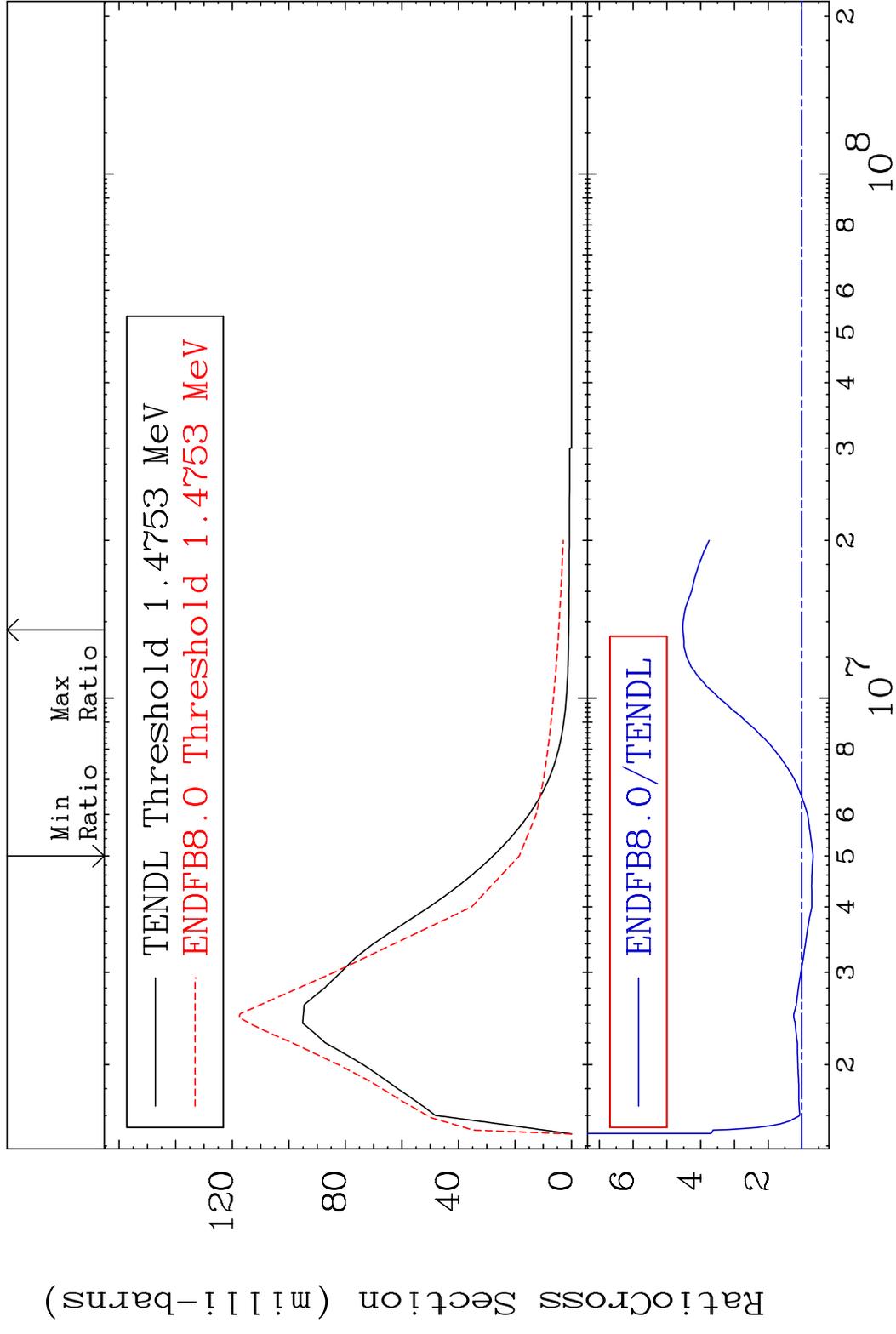


8 8 22-Ti-47

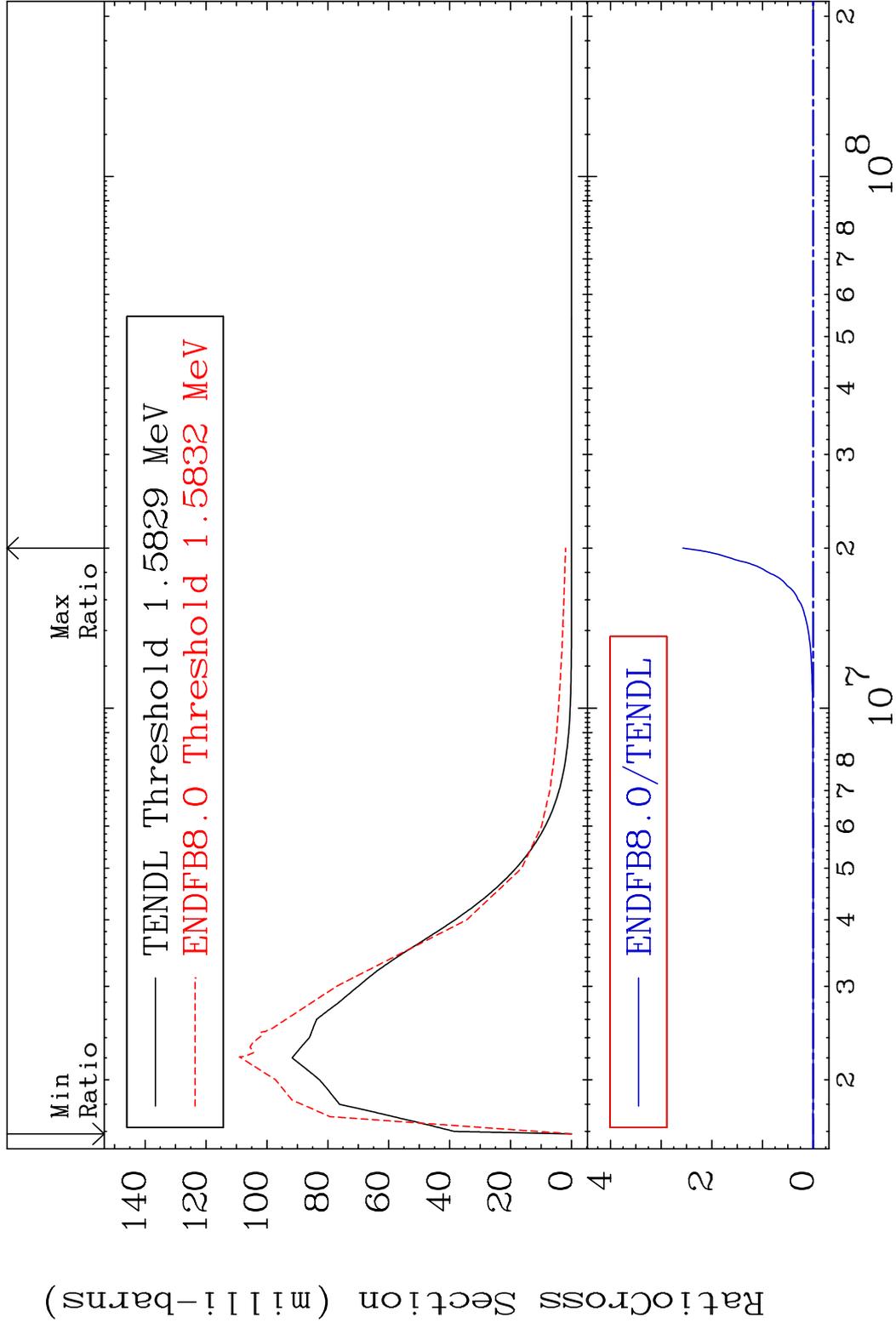
MAT 2228 MT= 53 (n,n') Level 22-Ti-47
 Cross Section -100.0 To -67.08%



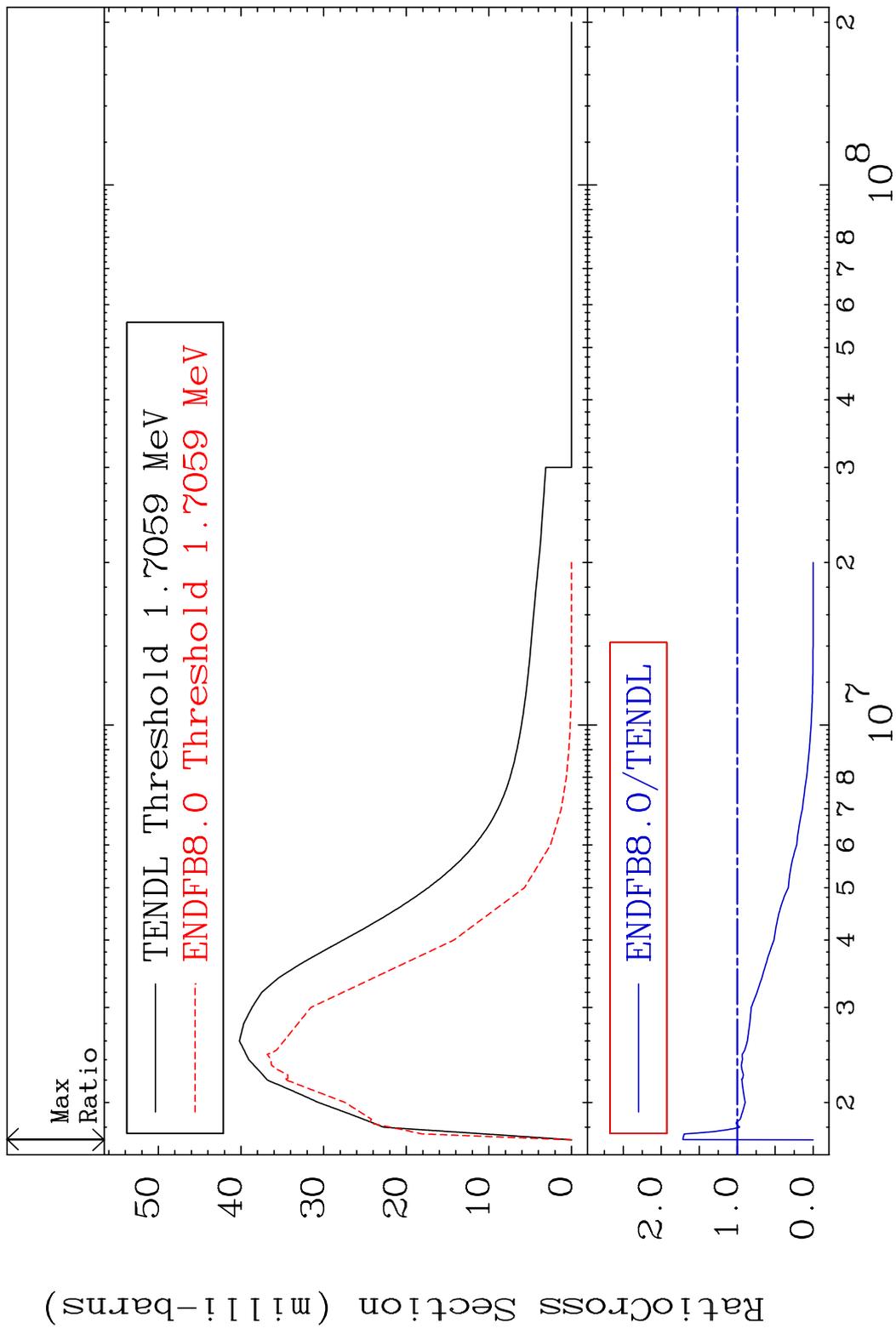
MAT 2228 MT= 54 (n, n') Level 22-Ti-47
 Cross Section -33.36 To 352.7 %



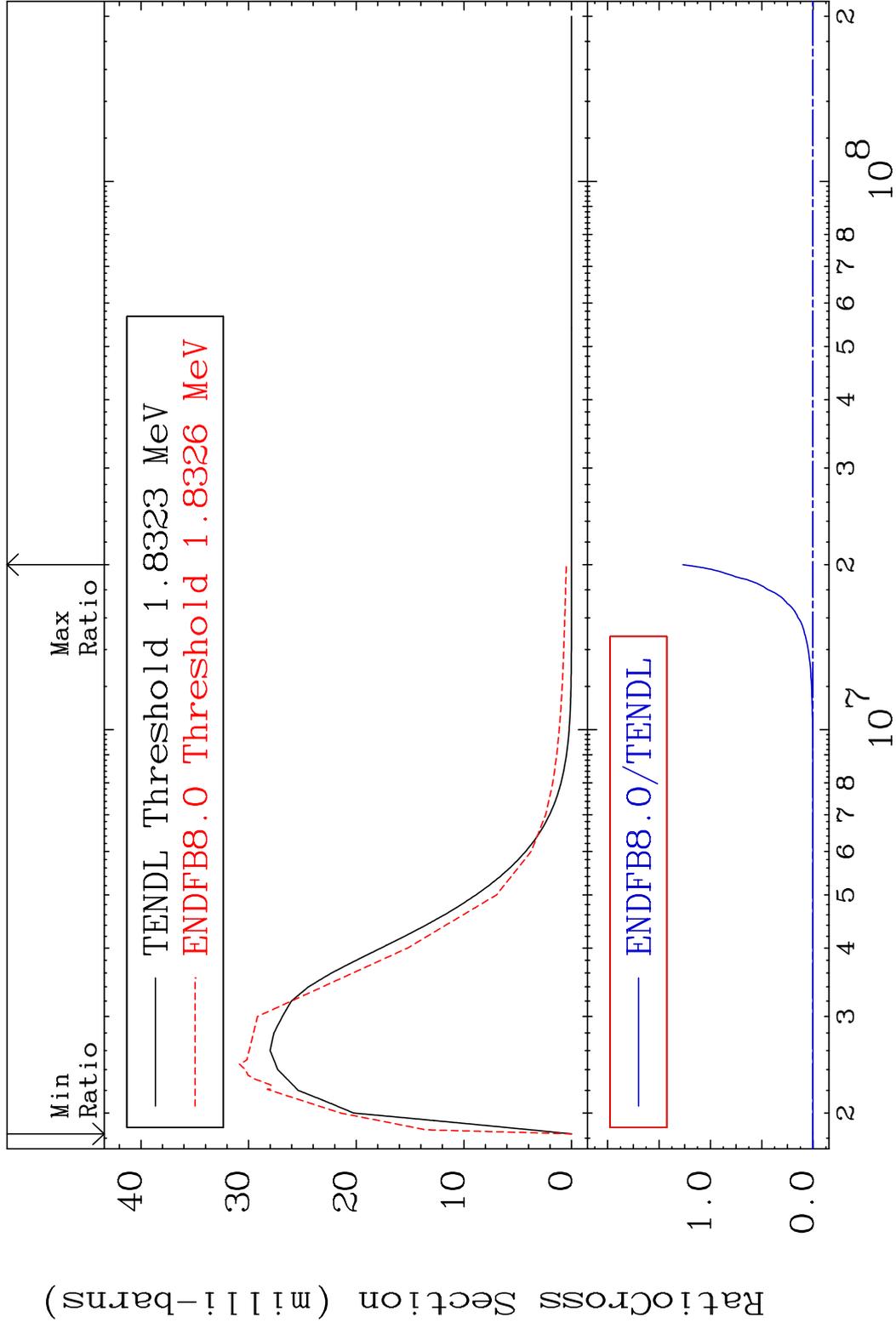
MAT 2228 MT= 55 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 9999. %



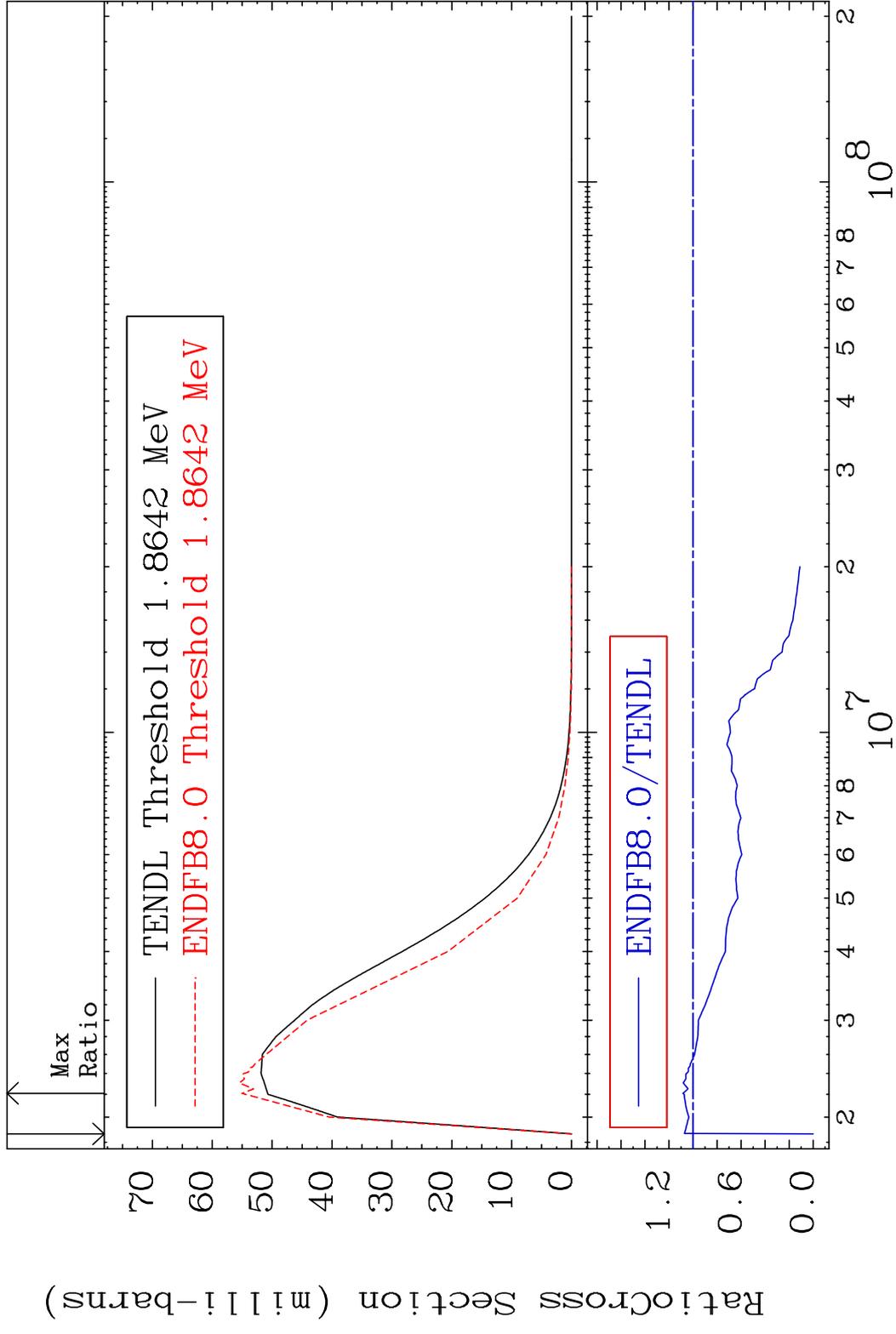
MAT 2228 MT= 56 (n,n') Level 22-Ti-47
 Cross Section -100.0 To 71.57 %



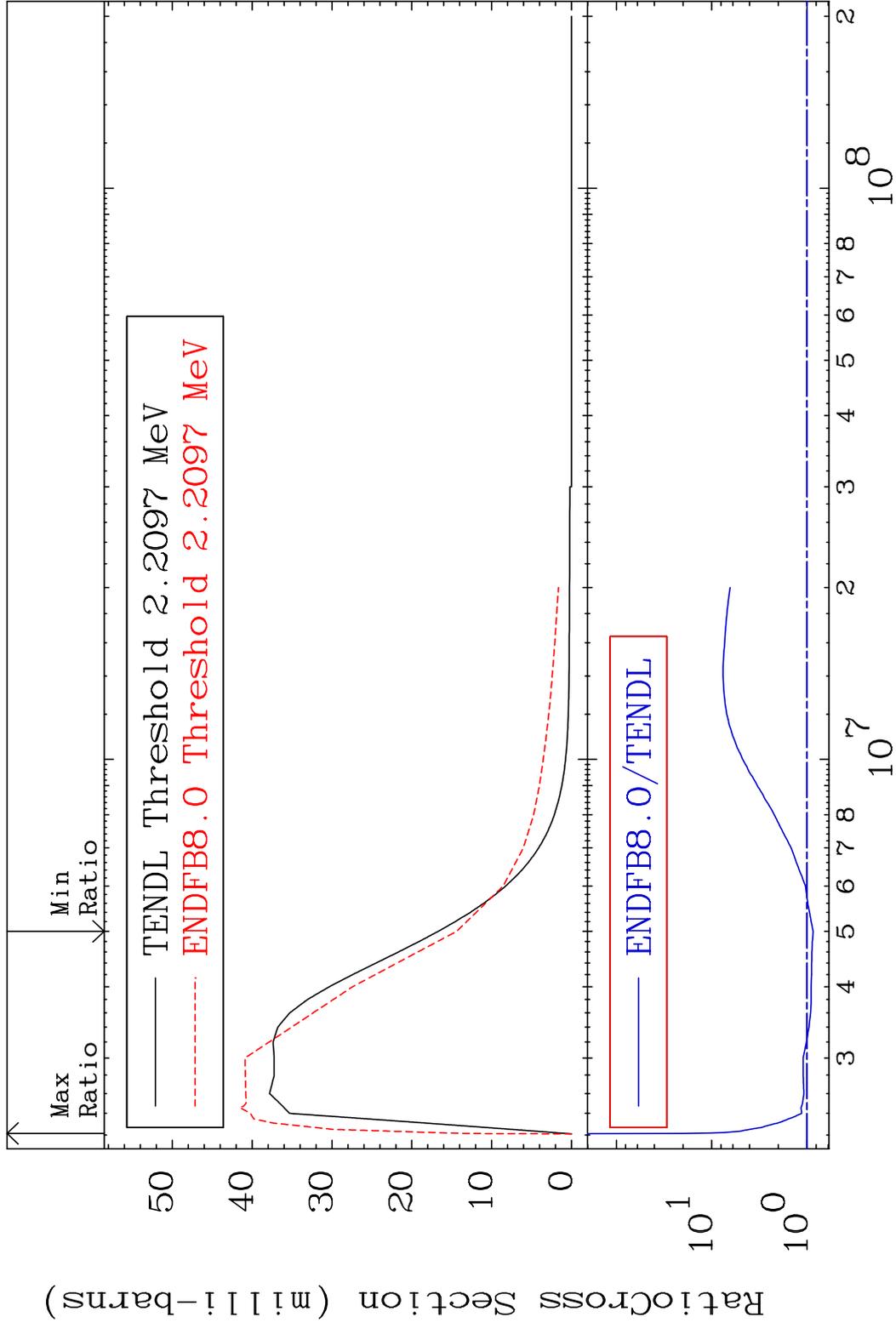
MAT 2228 MT= 57 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 9999. %



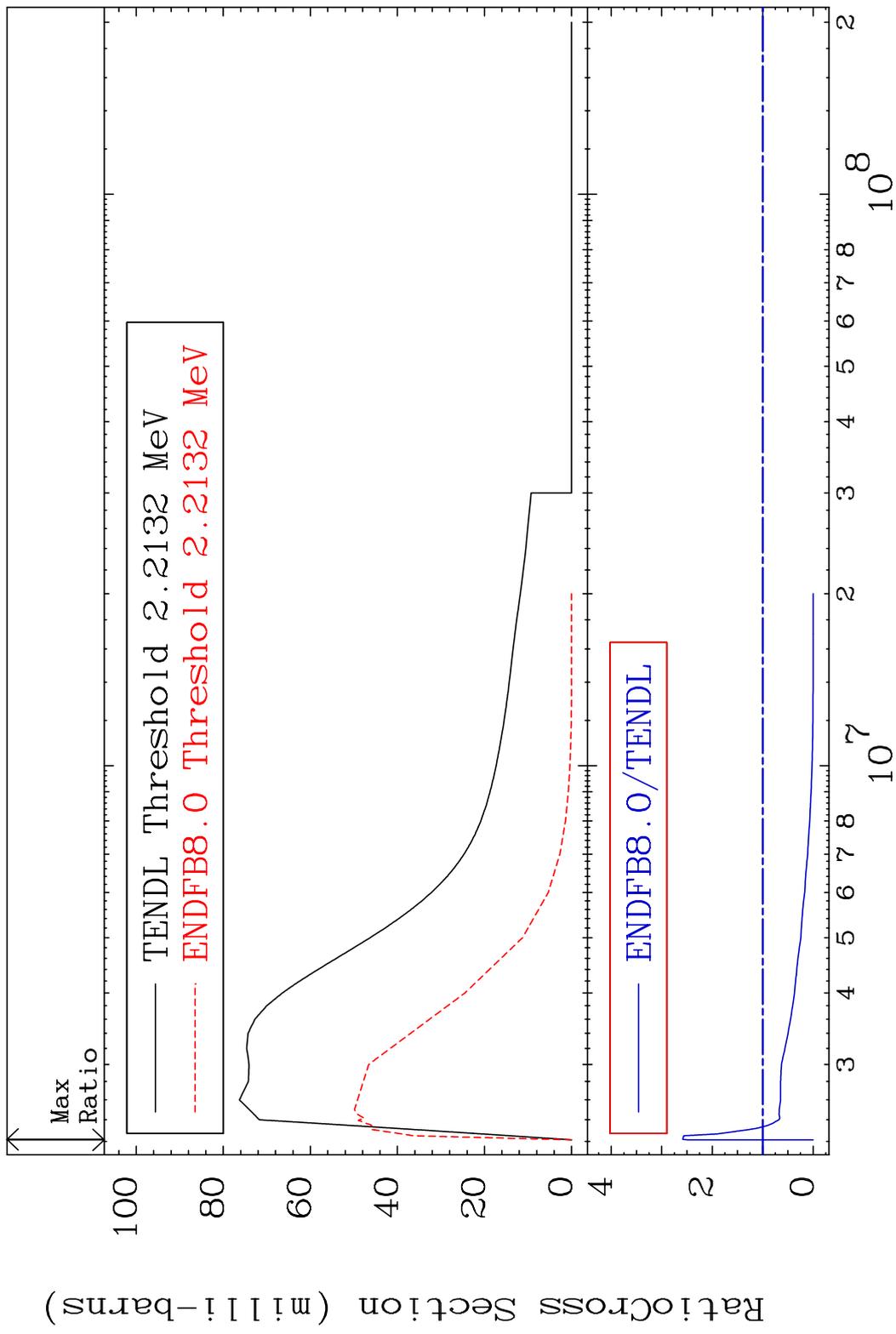
MAT 2228 MT= 58 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 8.511 %



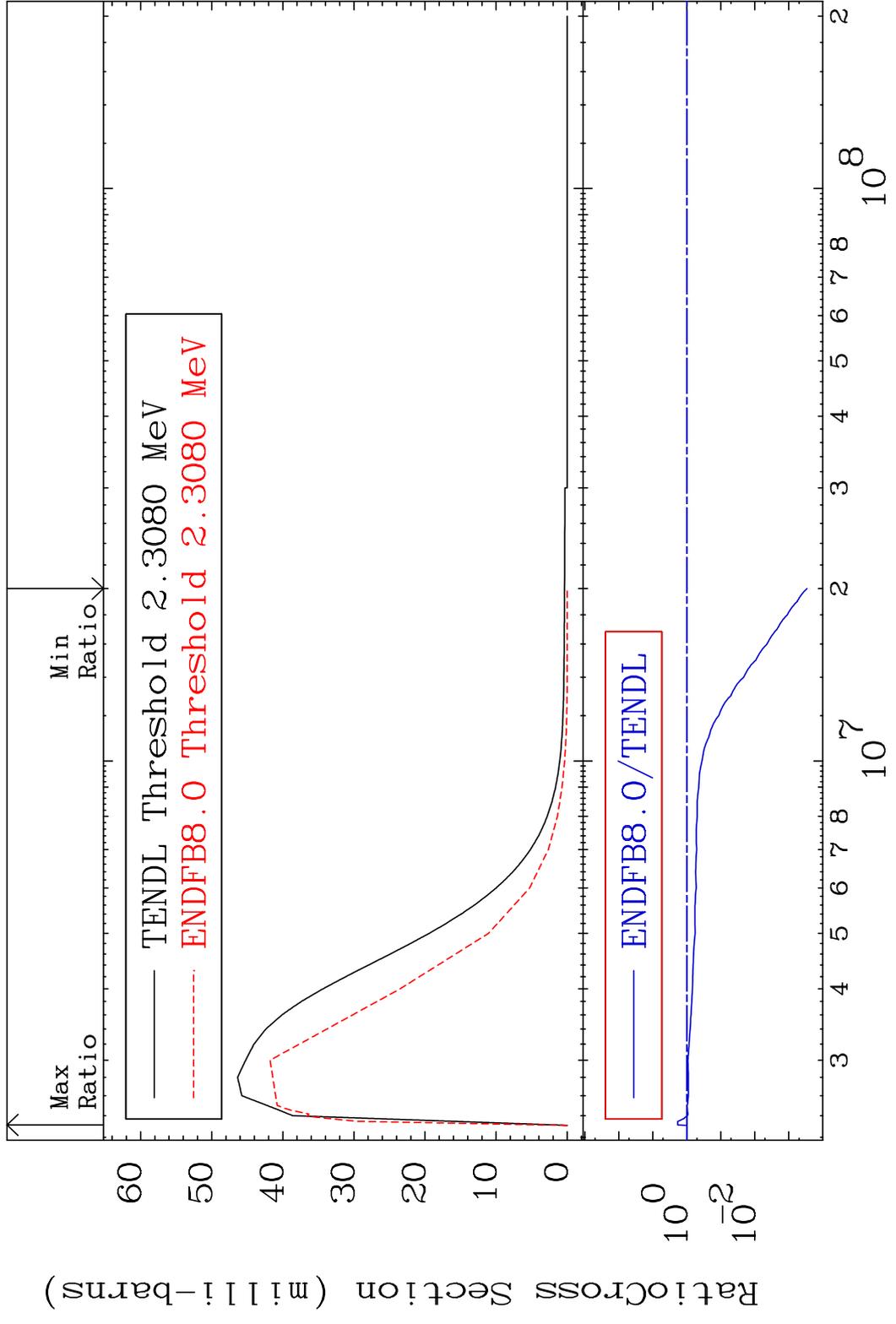
MAT 2228 MT= 59 (n, n') Level 22-Ti-47
 Cross Section -13.79 To 1908. %



MAT 2228 MT= 60 (n,n') Level 22-Ti-47
 Cross Section -100.0 To 158.2 %

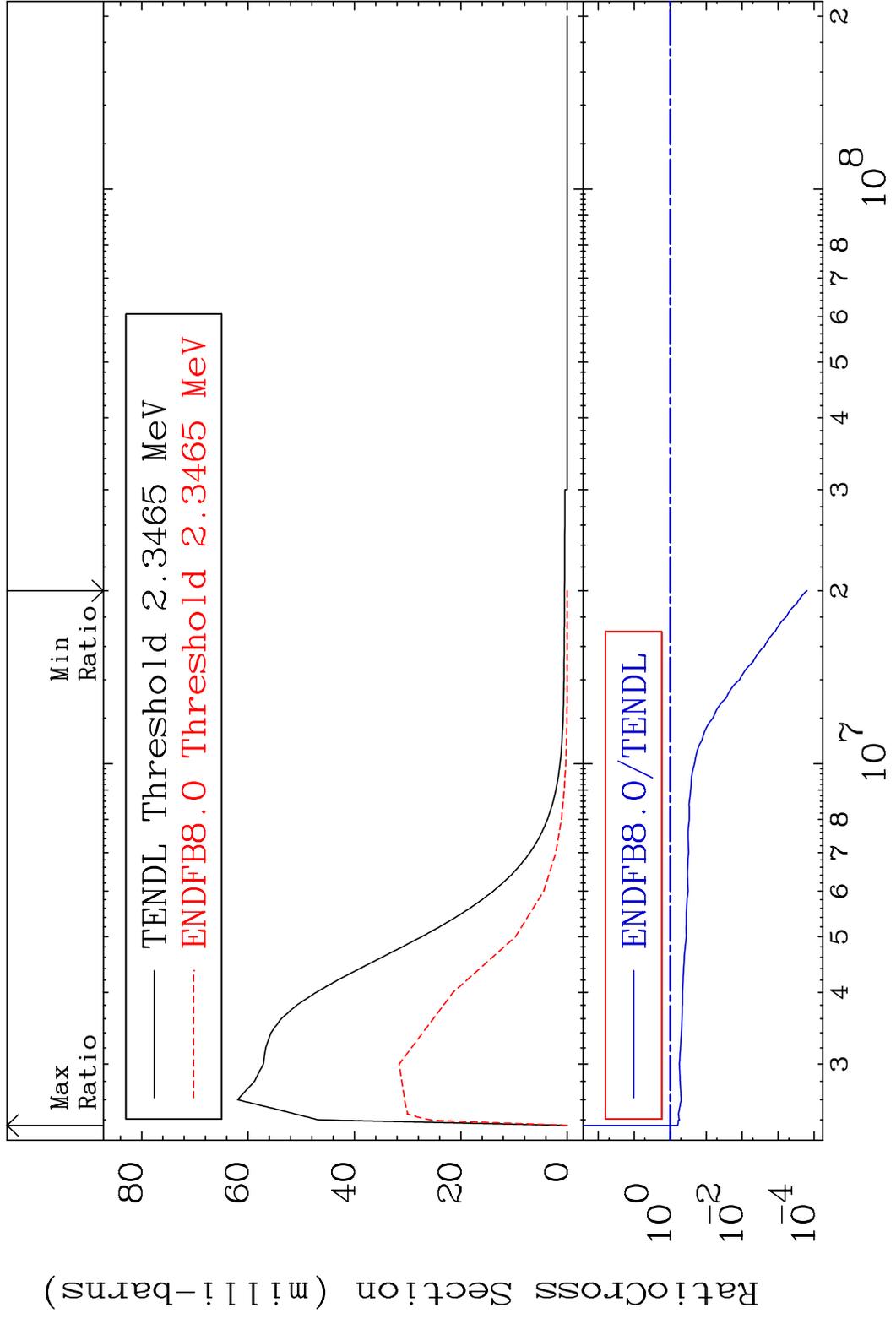


MAT 2228 MT= 61 (n,n') Level 22-Ti-47
 Cross Section -99.97 To 85.21 %

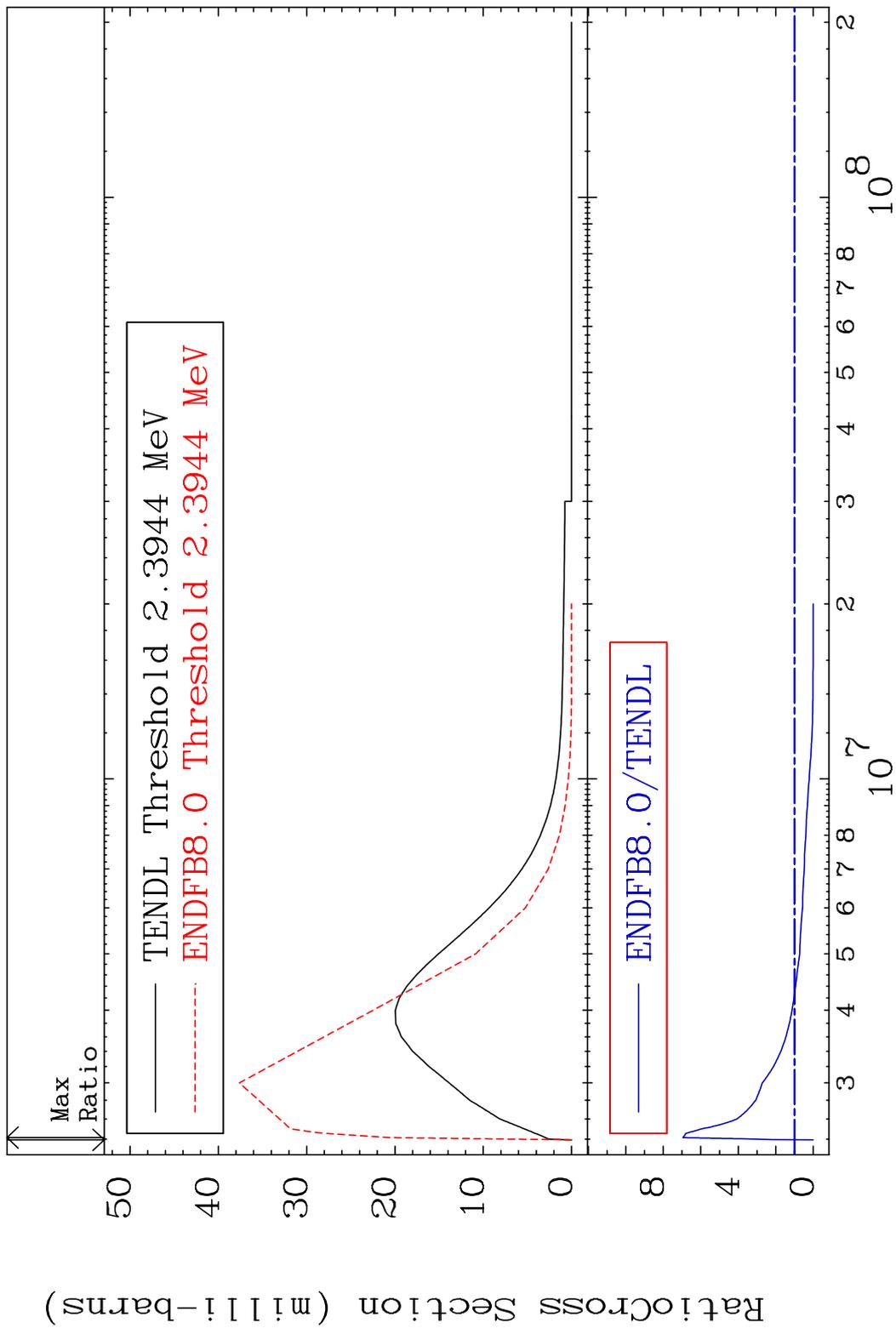


17 Incident Energy (eV) 22-Ti-47

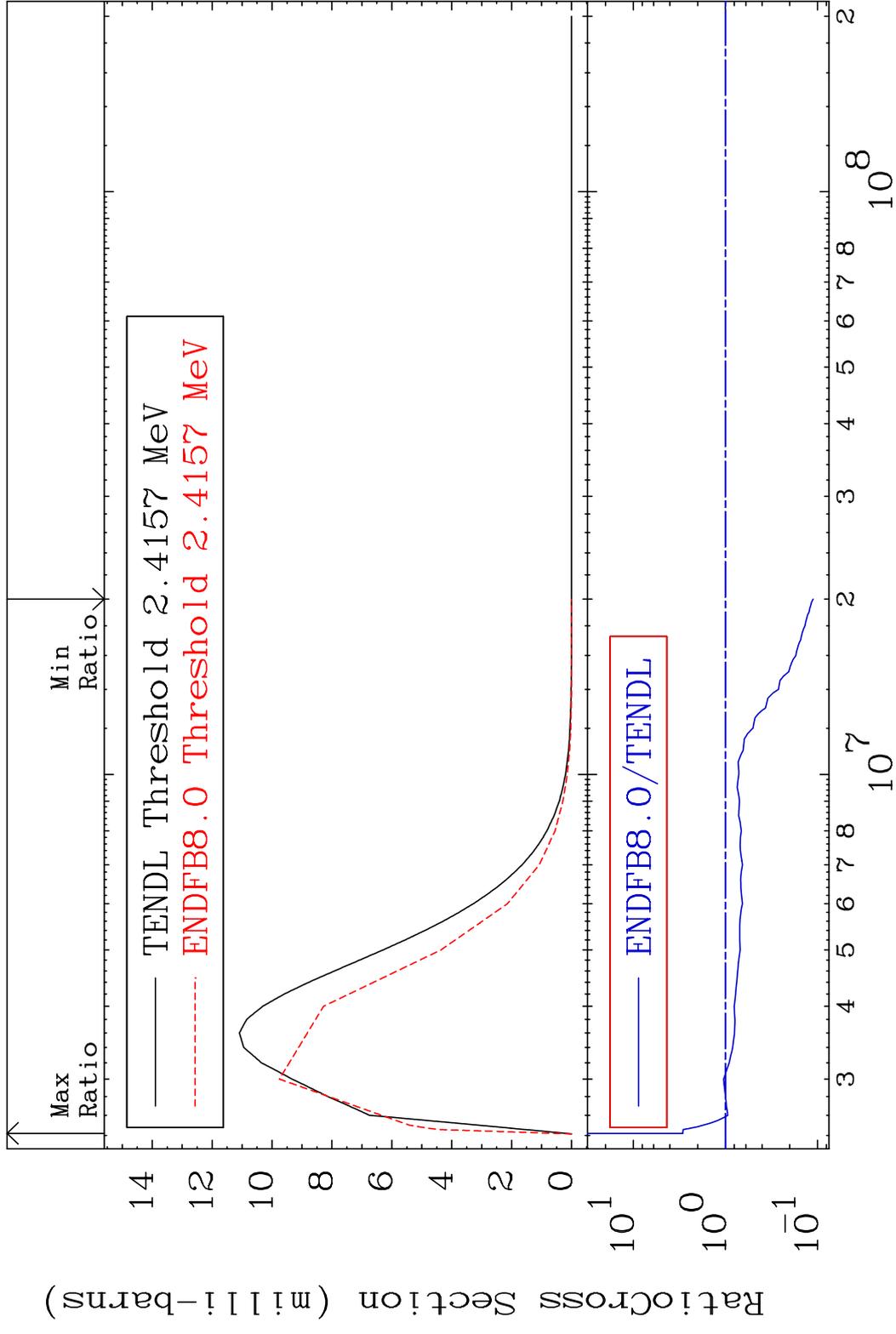
MAT 2228 MT= 62 (n, n') Level 22-Ti-47
 Cross Section -99.98 To -38.25%



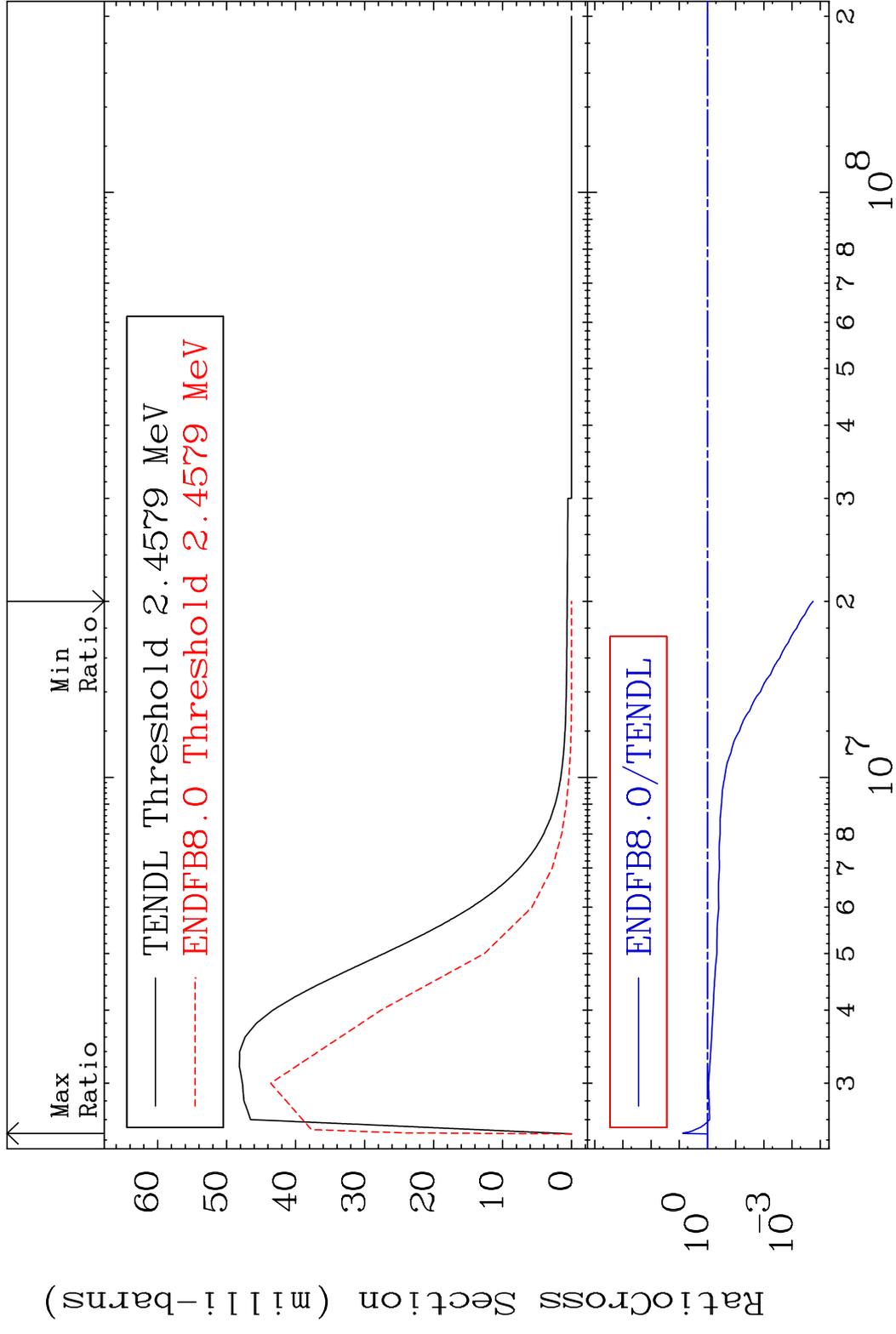
MAT 2228 MT= 63 (n,n') Level 22-Ti-47
 Cross Section -100.0 To 595.9 %



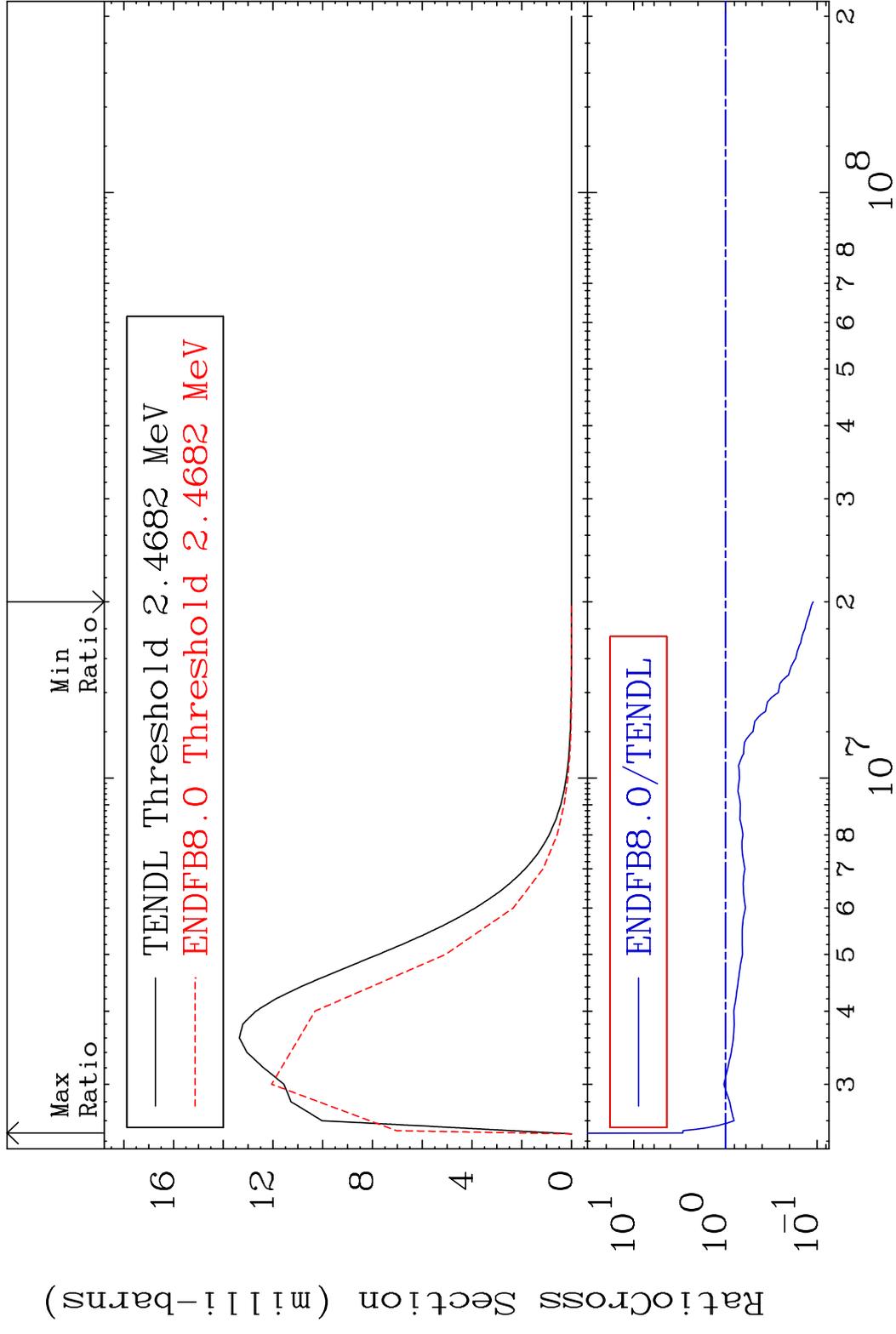
MAT 2228 MT= 64 (n,n') Level 22-Ti-47
 Cross Section -88.86 To 189.6 %



MAT 2228 MT= 65 (n, n') Level 22-Ti-47
 Cross Section -99.98 To 645.3 %



MAT 2228 MT= 66 (n,n') Level 22-Ti-47
 Cross Section -88.95 To 192.2 %

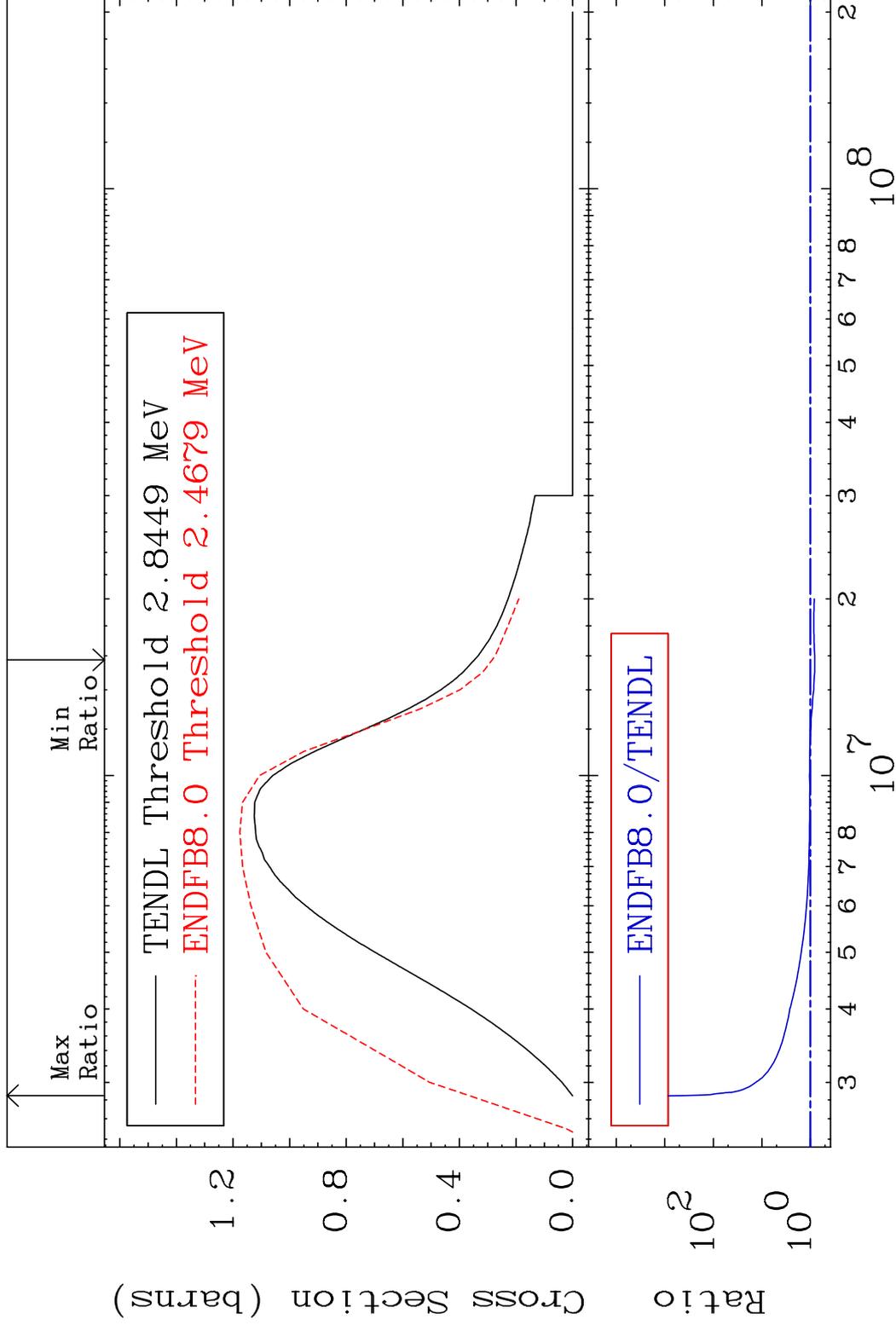


MAT 2228

(n,n') Continuum

22-Ti-47

Cross Section -18.10 To 9999. %



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Incident Energy (eV)

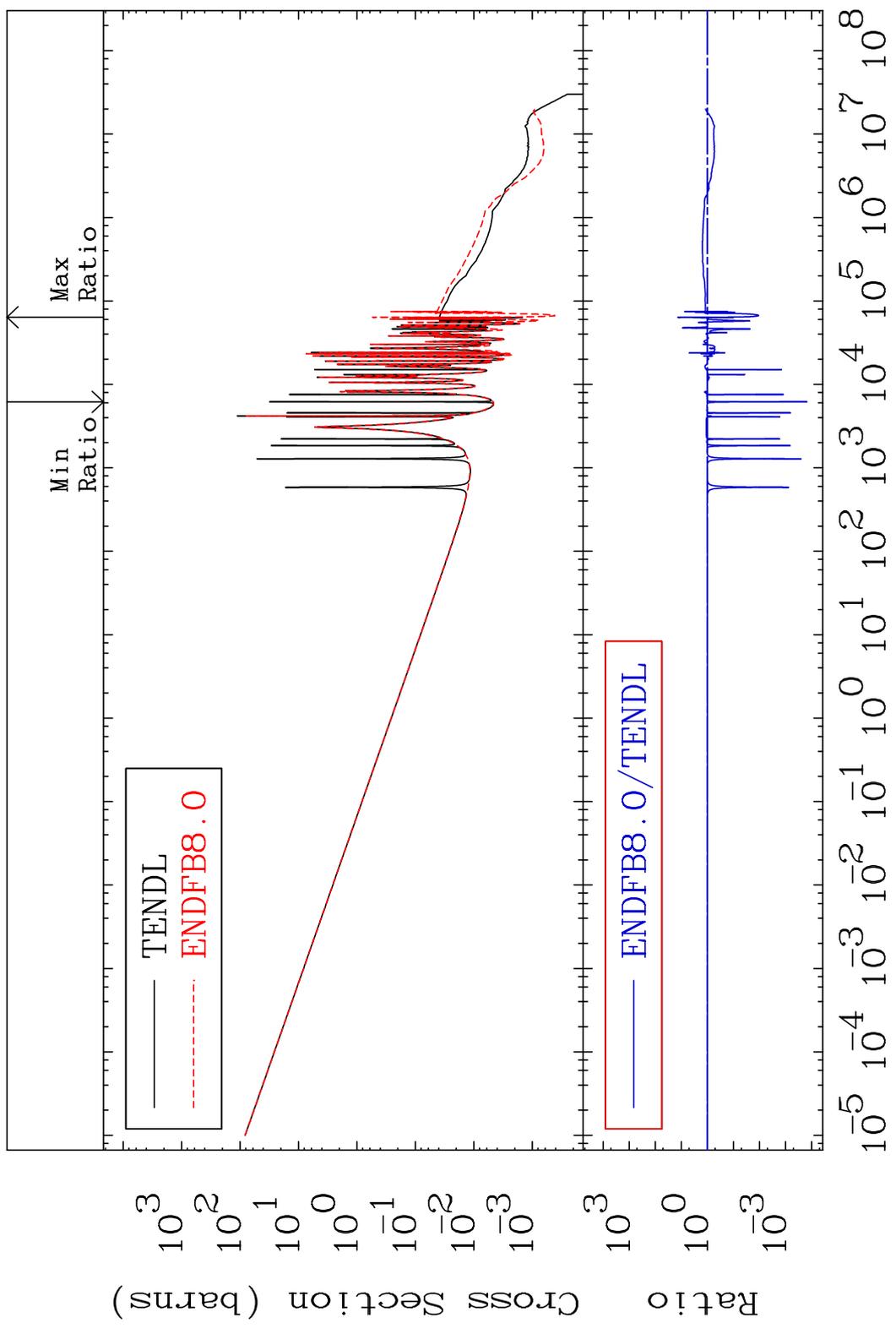
22-Ti-47

MAT 2228

(n, γ)

22-Ti-47

Cross Section -99.99 To 1275. %



24

Incident Energy (eV)

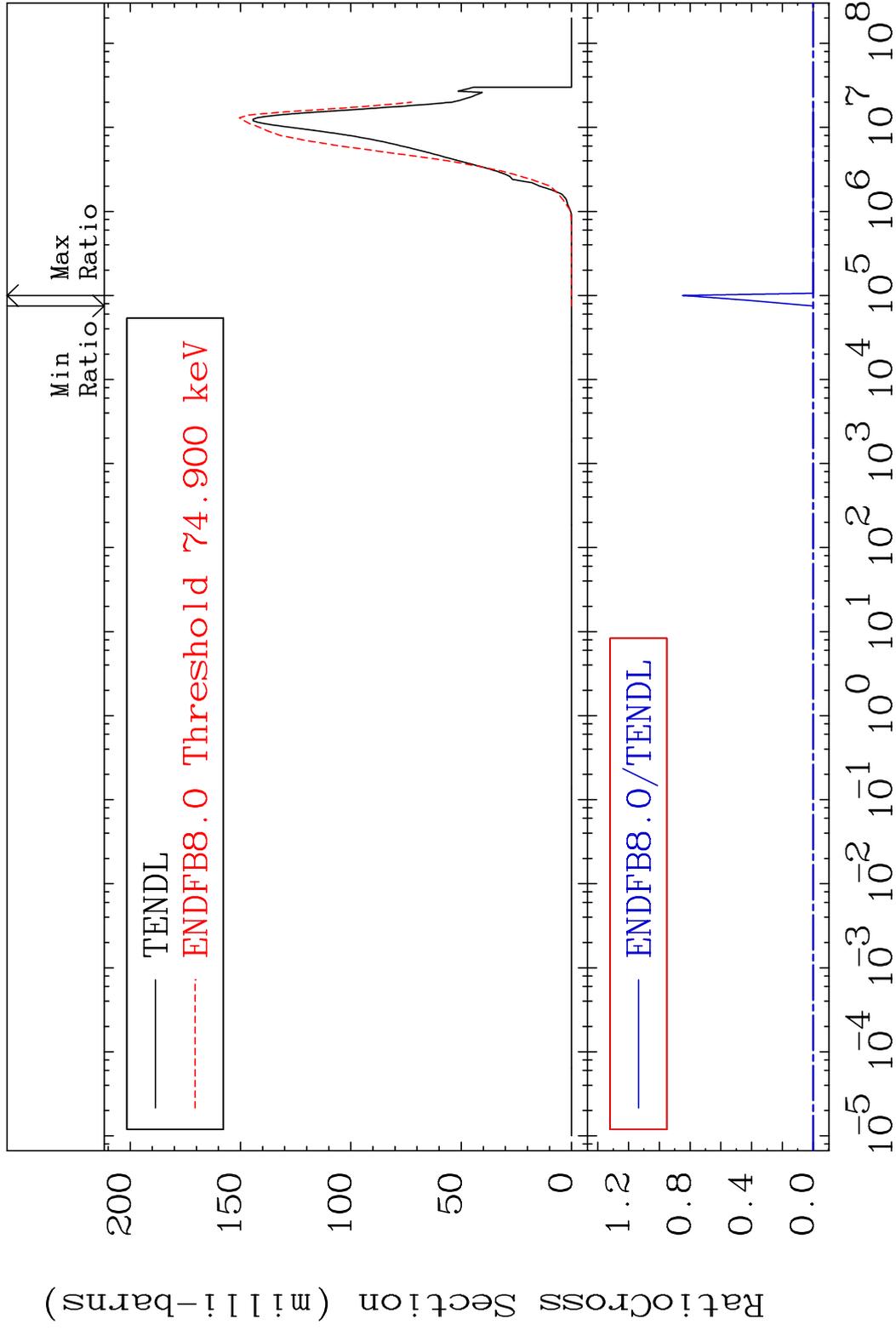
22-Ti-47

MAT 2228

(n,p)

22-Ti-47

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

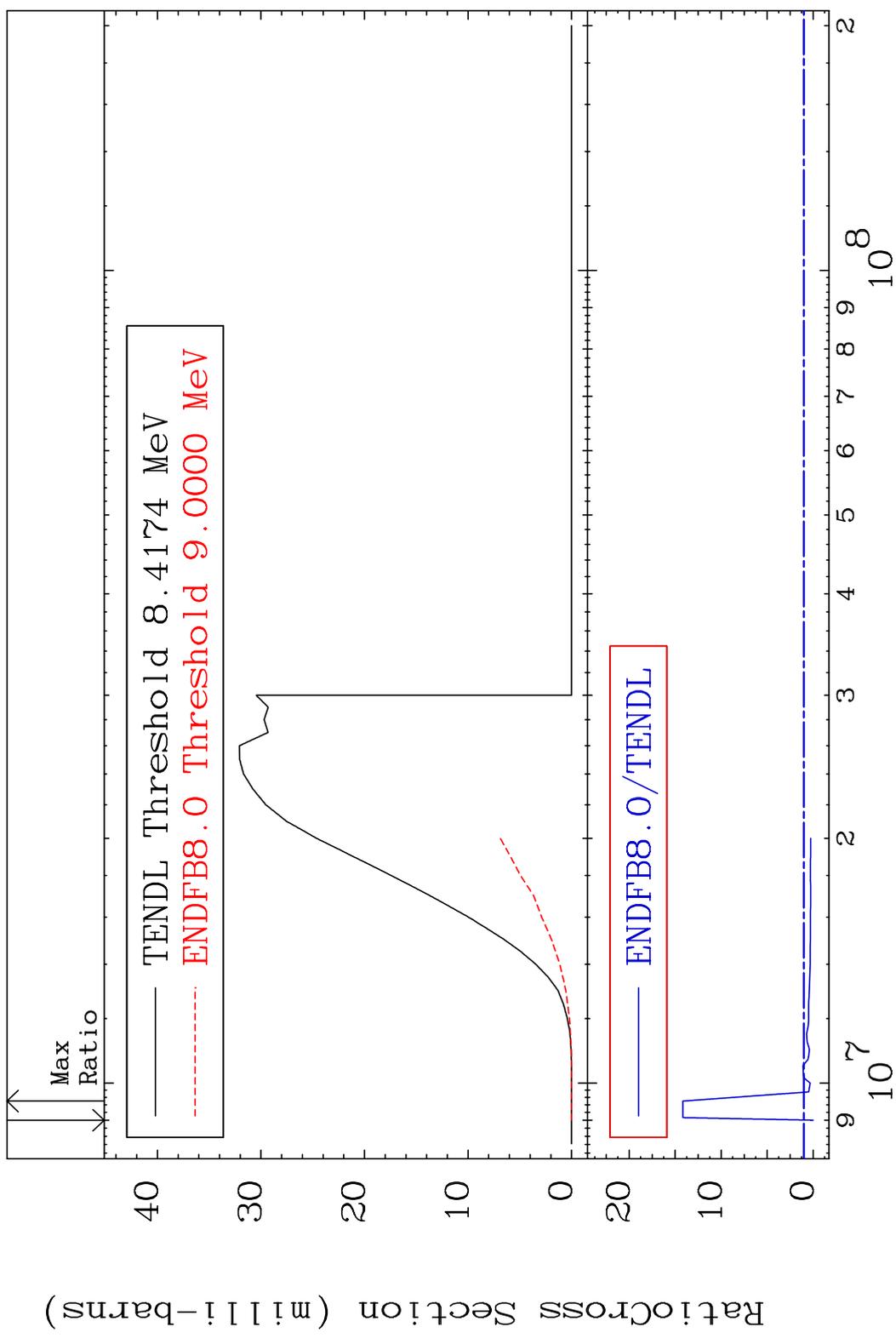
22-Ti-47

MAT 2228

(n, d)

²²Ti-47

Cross Section -100.0 To 1317. %

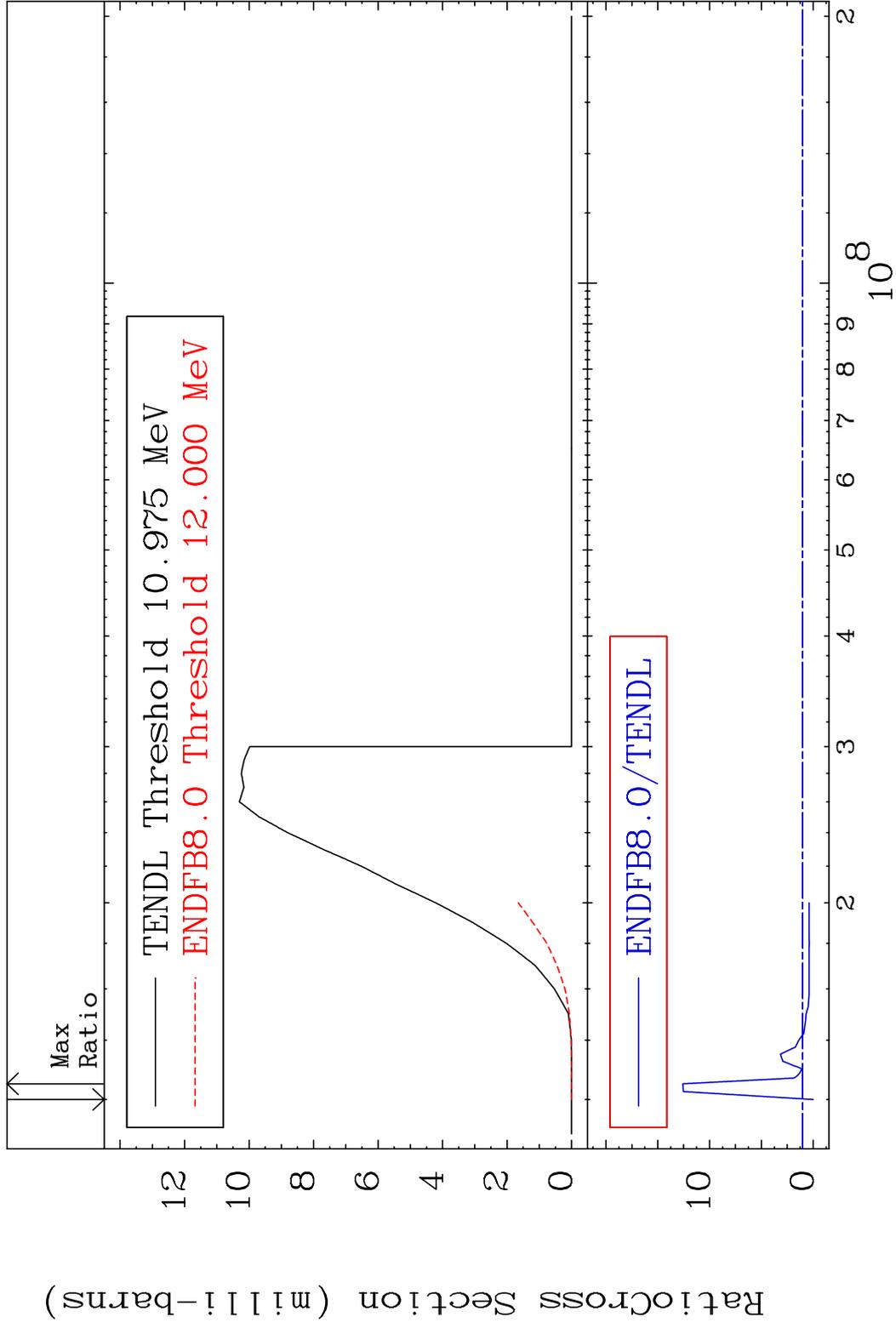


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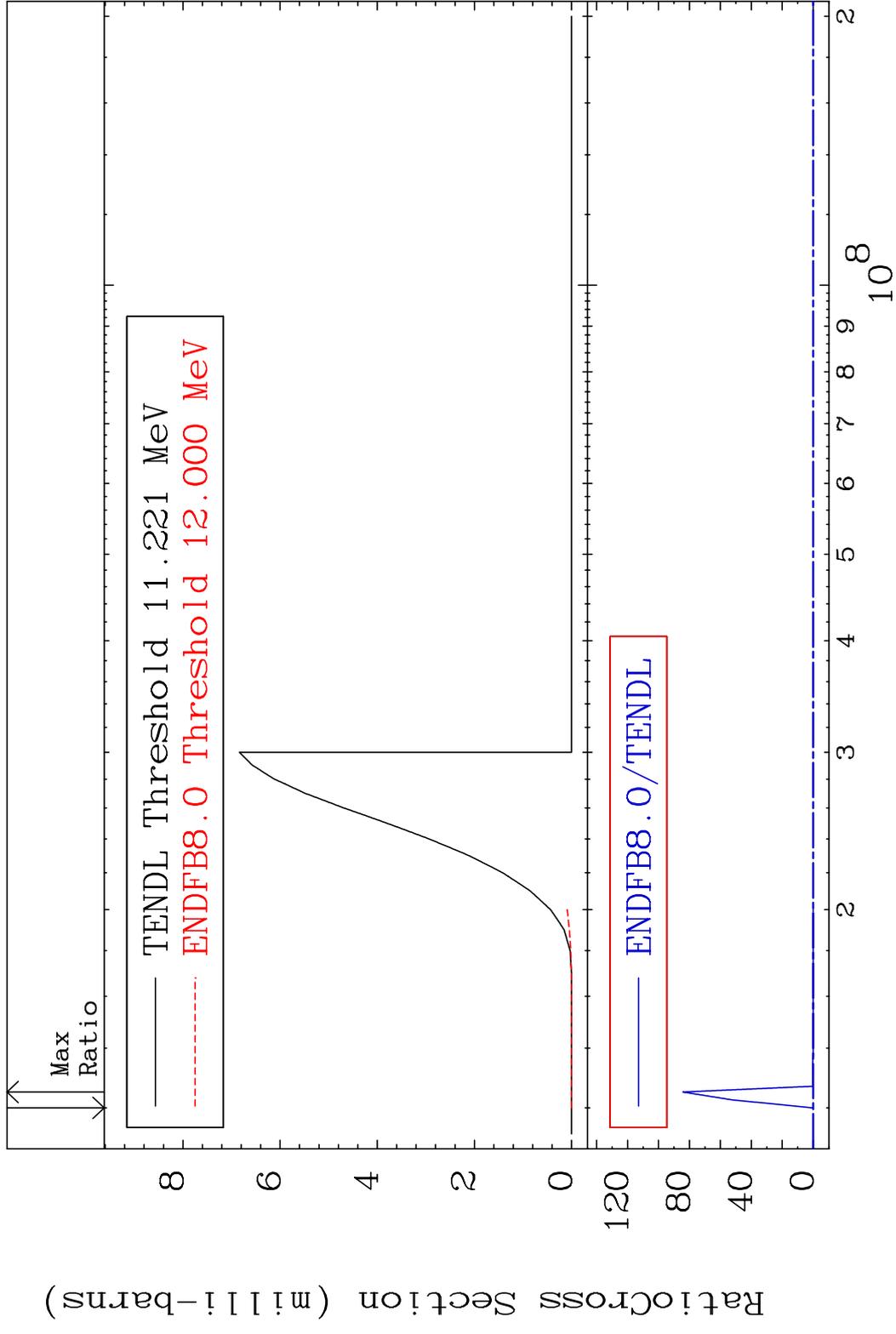
Incident Energy (eV)

²²Ti-47

MAT 2228 (n, t) 22-Ti-47
 Cross Section -100.0 To 1158. %



MAT 2228 (n, He-3) 22-Ti-47
 Cross Section -100.0 To 9999. %

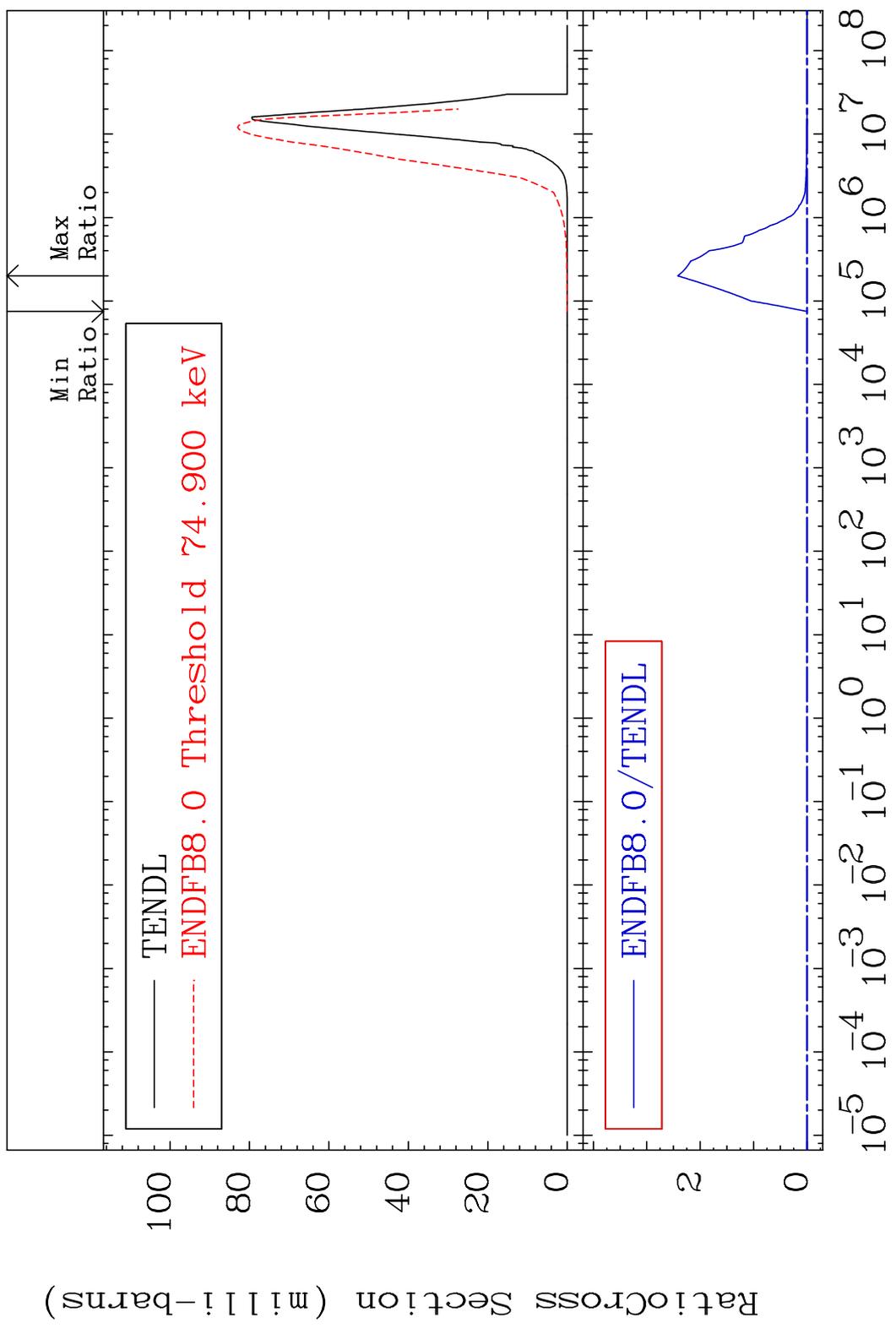


MAT 2228

(n, α)

22-Ti-47

Cross Section -100.0 To 9999. %

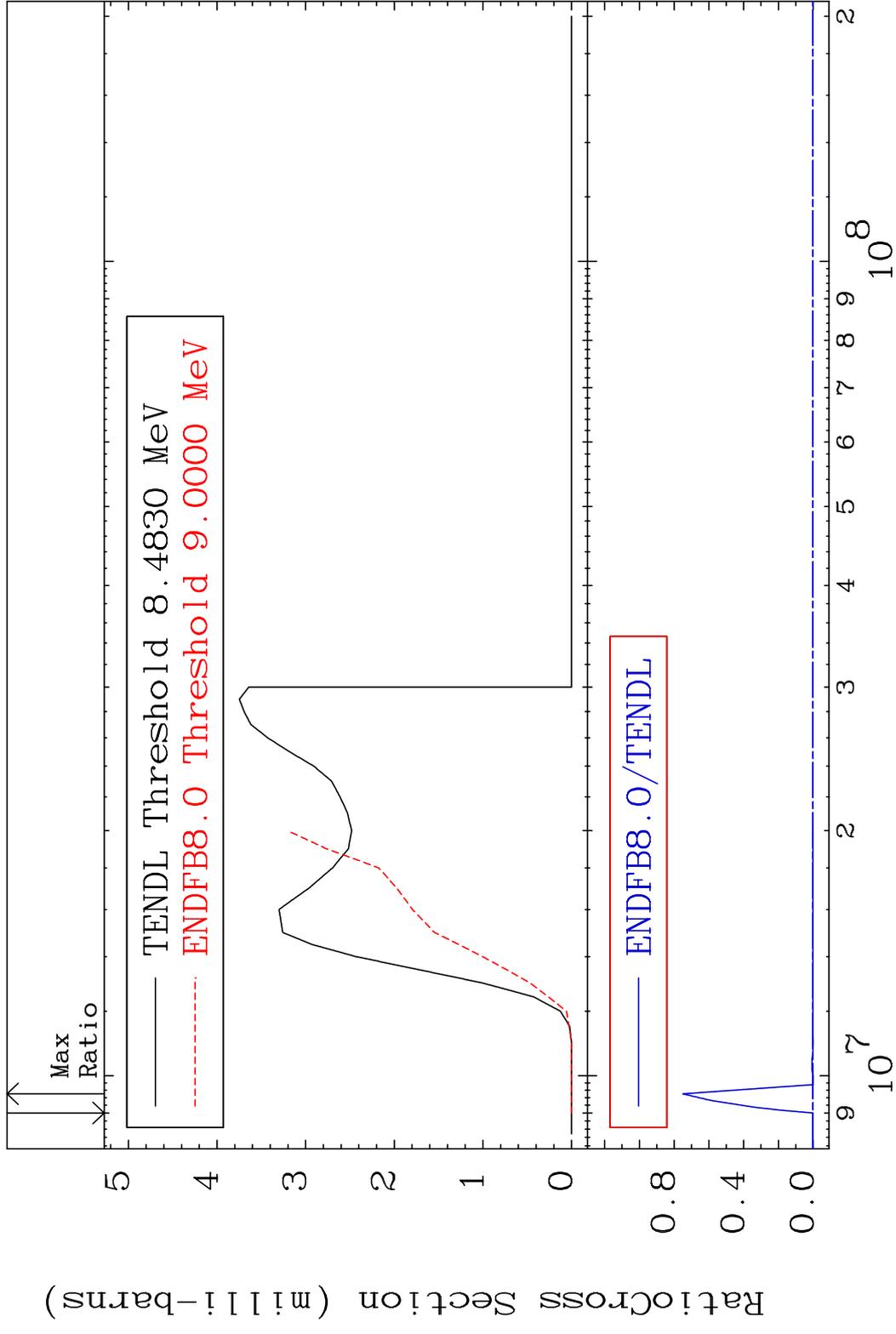


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Incident Energy (eV)

22-Ti-47

MAT 2228 (n,2p) 22-Ti-47
 Cross Section -100.0 To 9999. %

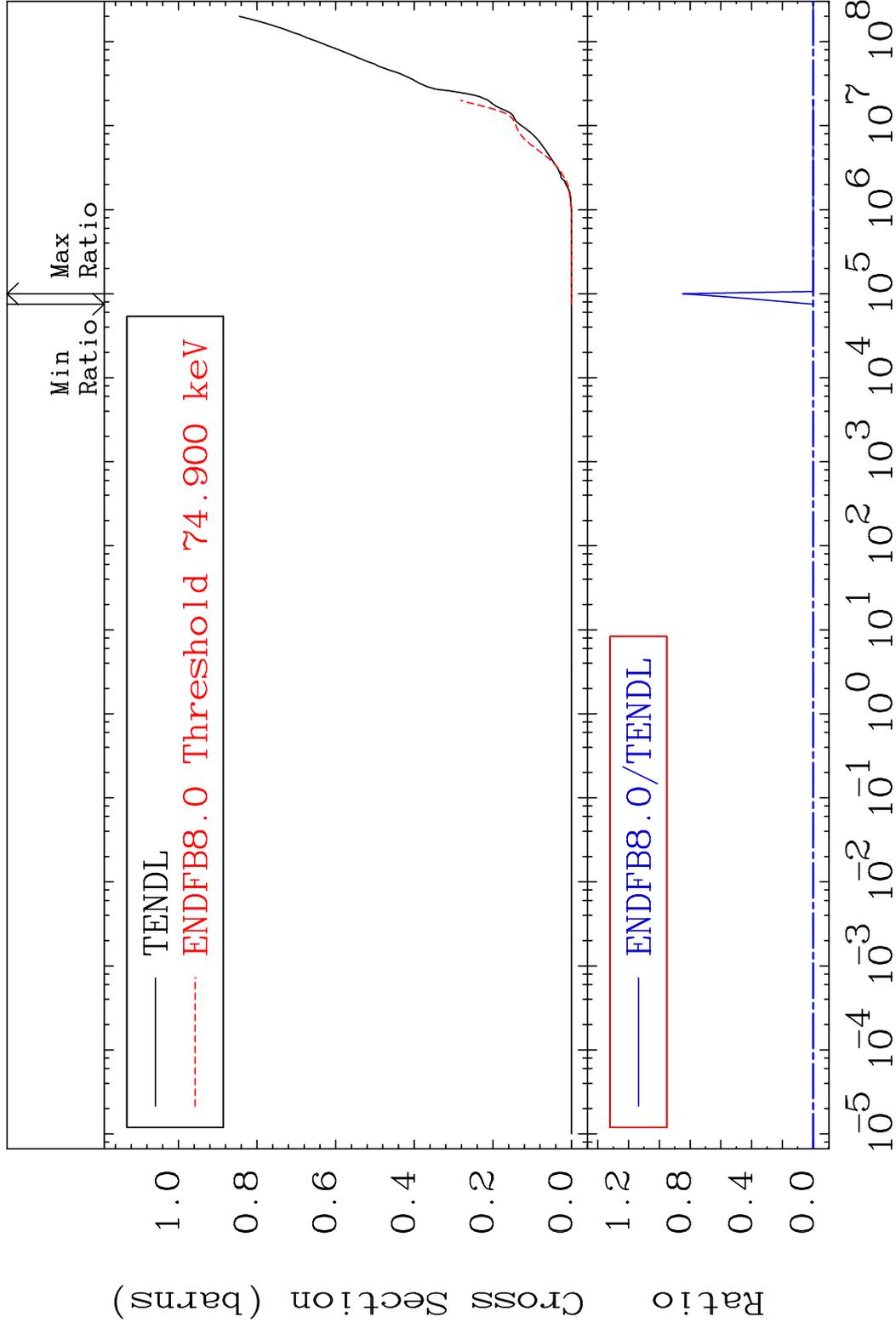


30 Incident Energy (eV) 22-Ti-47

MAT 2228

Hydrogen Production
Cross Section -100.0 To 9999. %

²²Ti-47

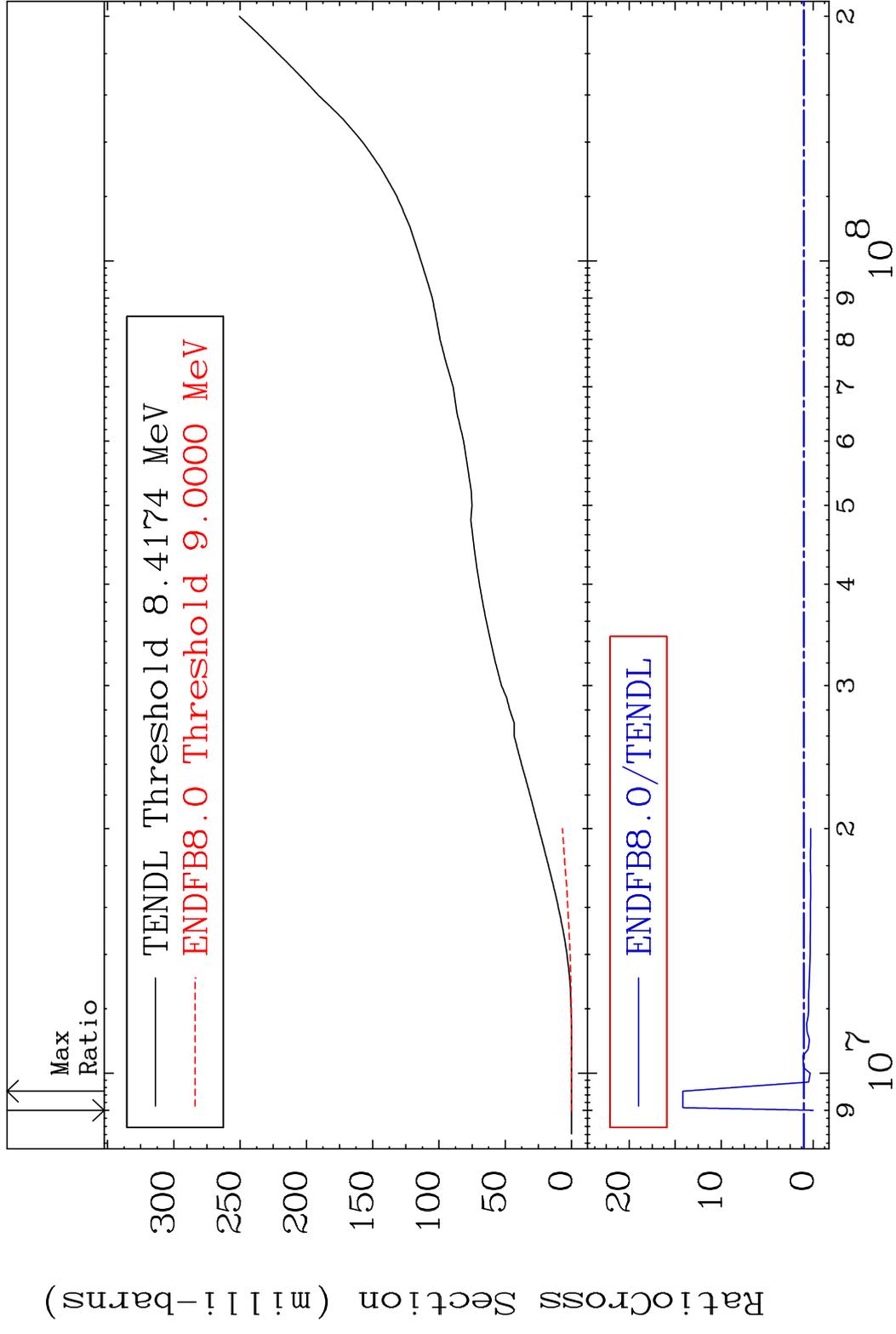


31

Incident Energy (eV)

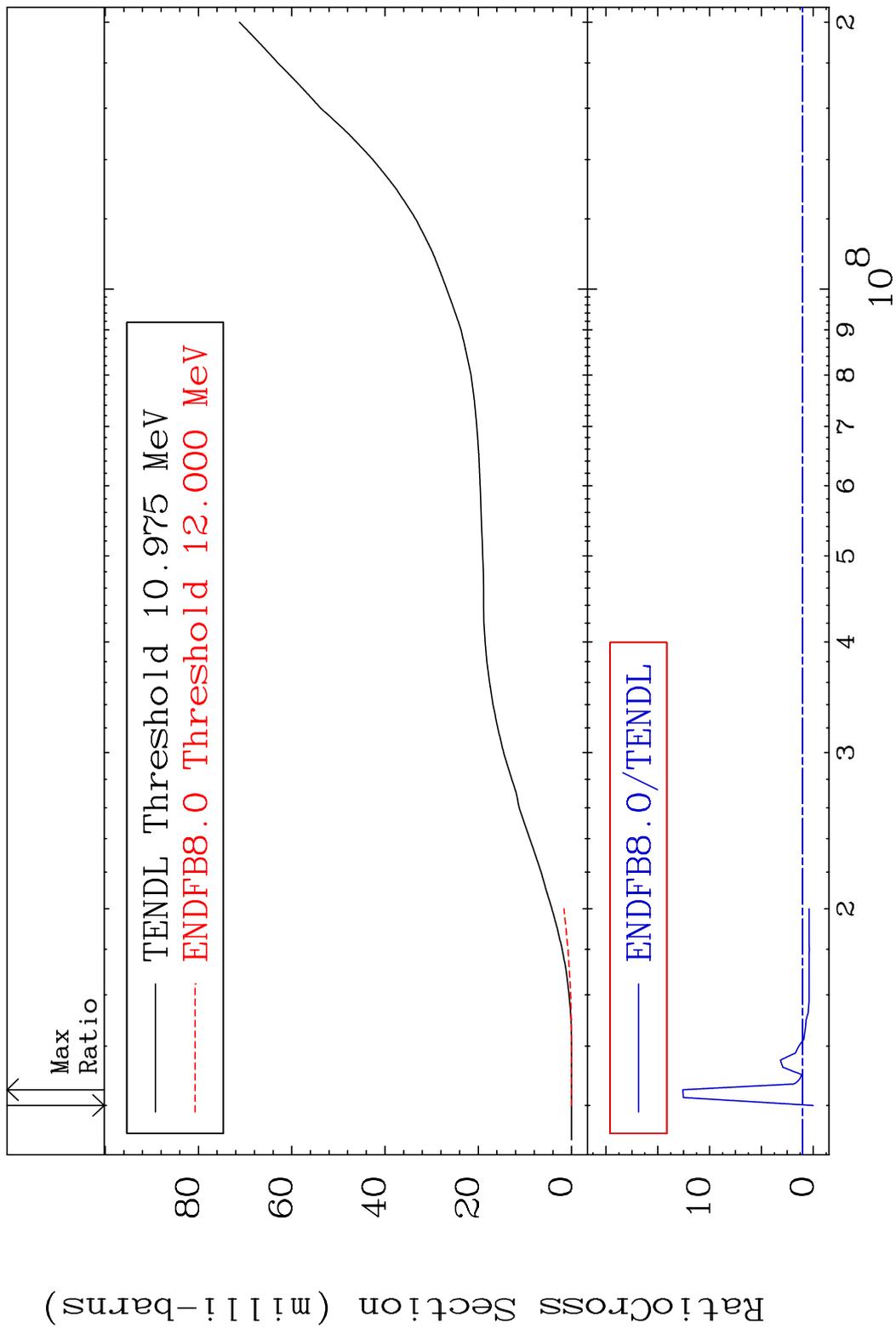
²²Ti-47

MAT 2228 Deuterium Production ²²Ti-47
 Cross Section -100.0 To 1317. %



32 Incident Energy (eV) ²²Ti-47

MAT 2228 Tritium Production ²²Ti-47
 Cross Section -100.0 To 1158. %



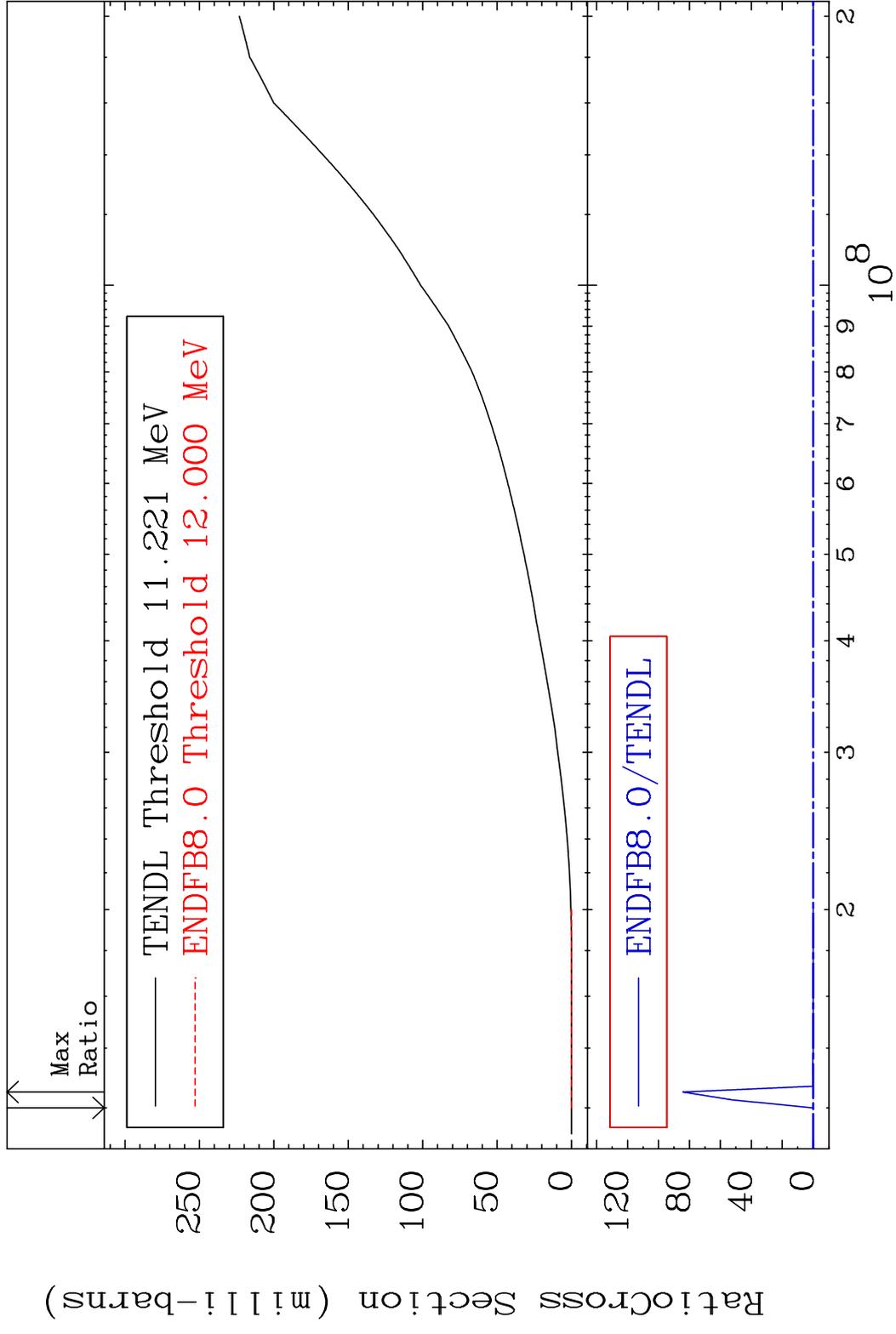
33 Incident Energy (eV) ²²Ti-47

MAT 2228

He-3 Production

22-Ti-47

Cross Section -100.0 To 9999. %

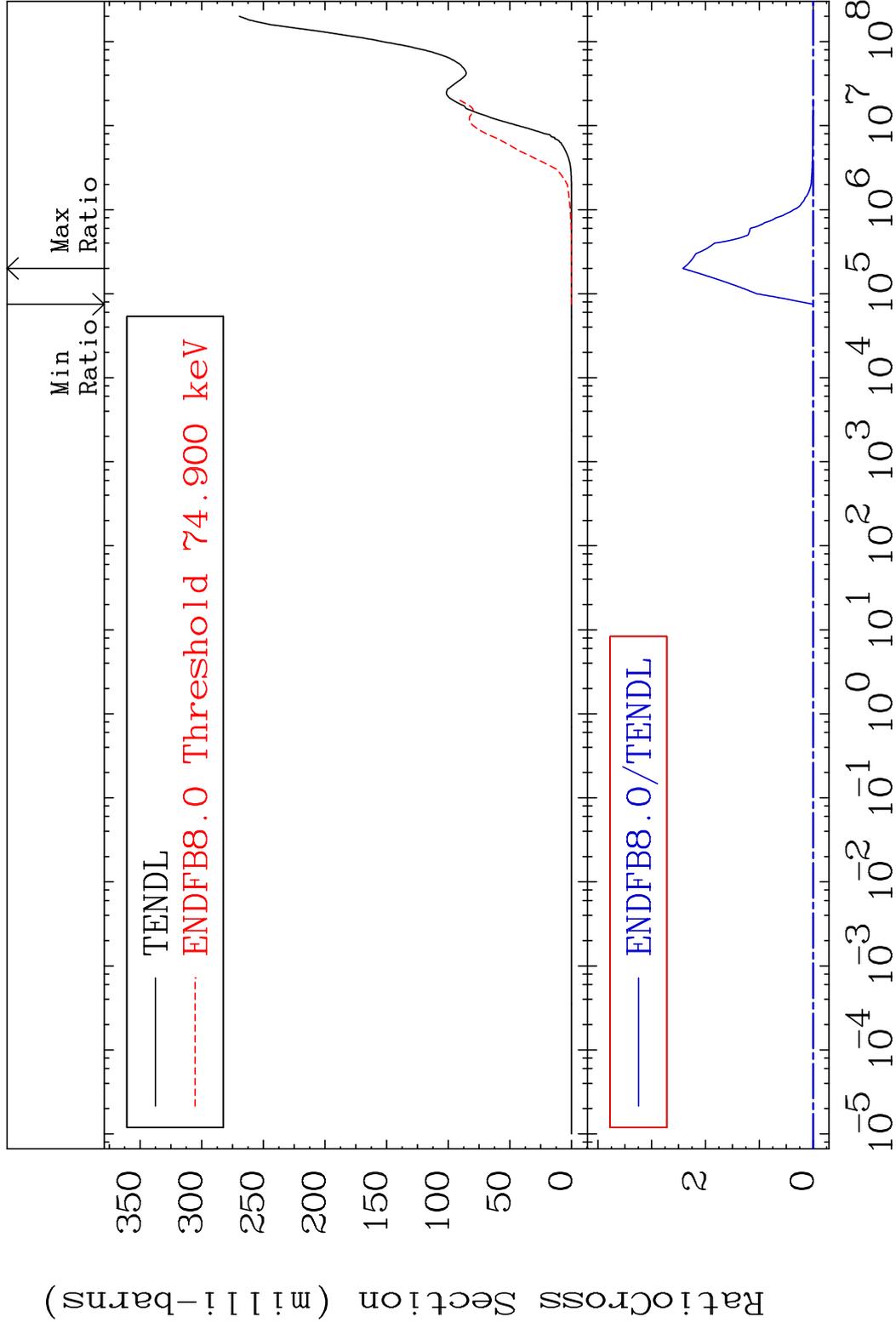


MAT 2228

He-4 Production

22-Ti-47

Cross Section -100.0 To 9999. %

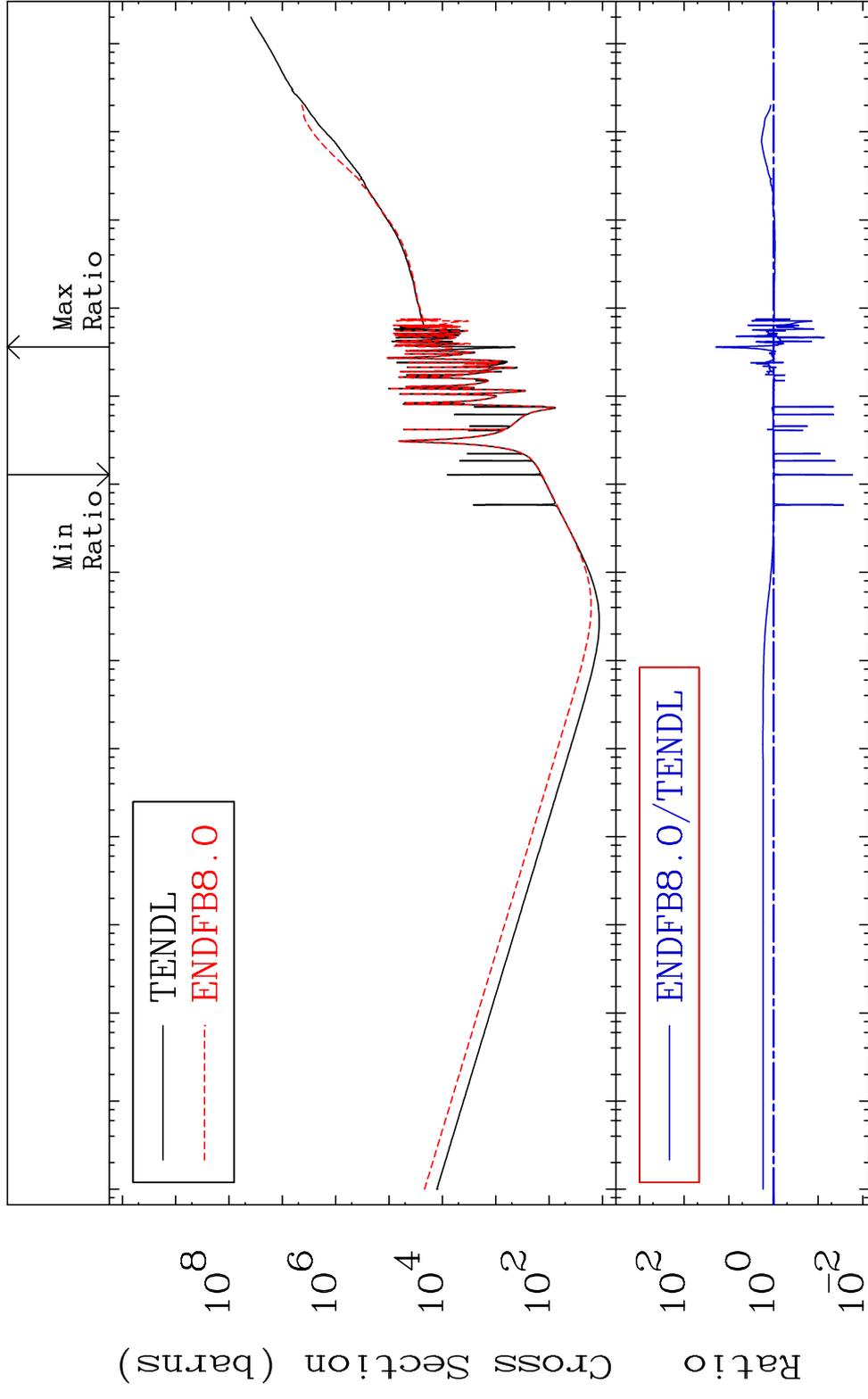


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Incident Energy (eV)

22-Ti-47

MAT 2228 Kerma total (eV-barns) 22-Ti-47
 Cross Section -98.30 To 1849. %

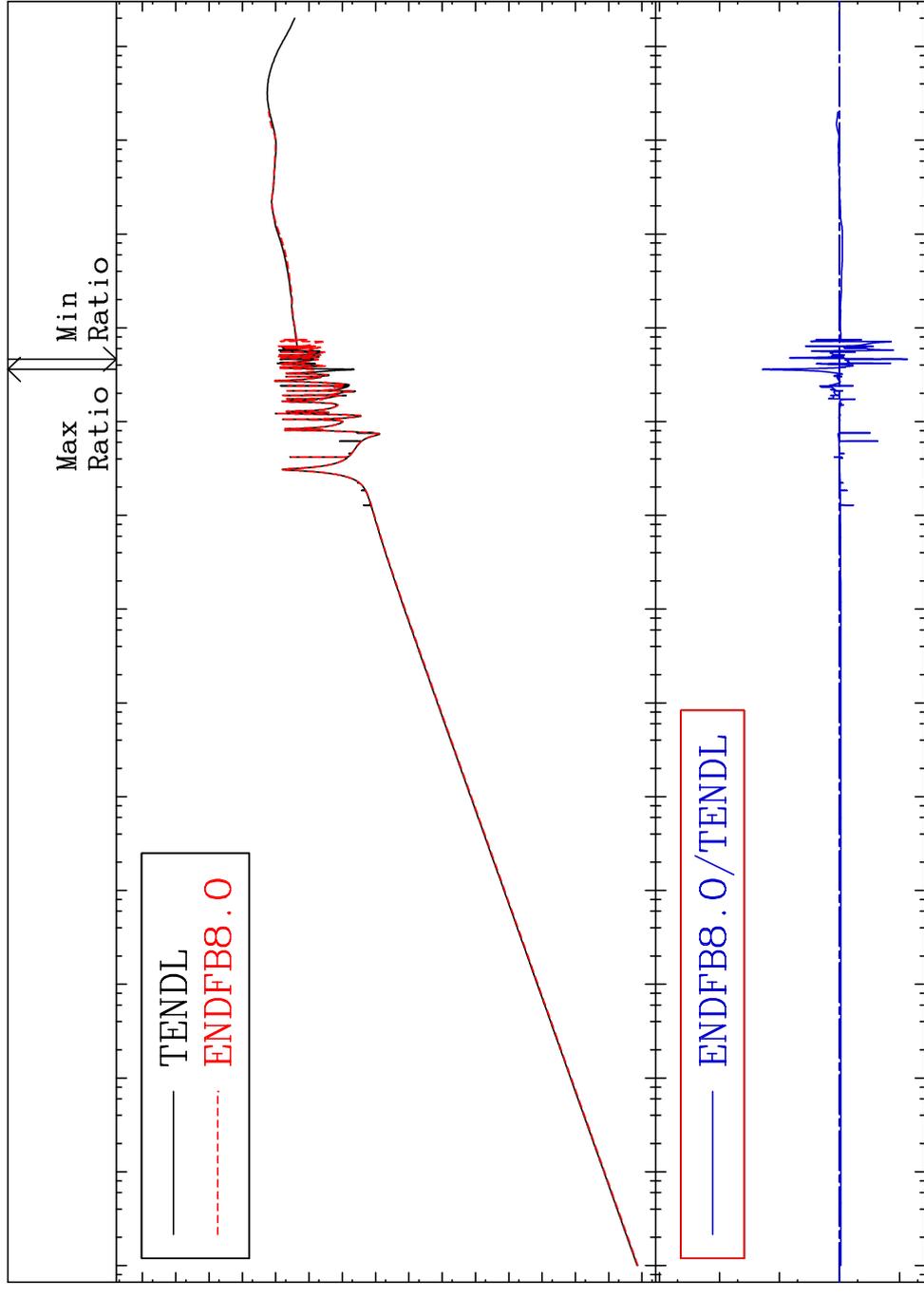


36 Incident Energy (eV) 22-Ti-47

MAT 2228

Kerma elastic
Cross Section

22-Ti-47
-92.62 To 1852. %



Ratio
Cross Section (barns)

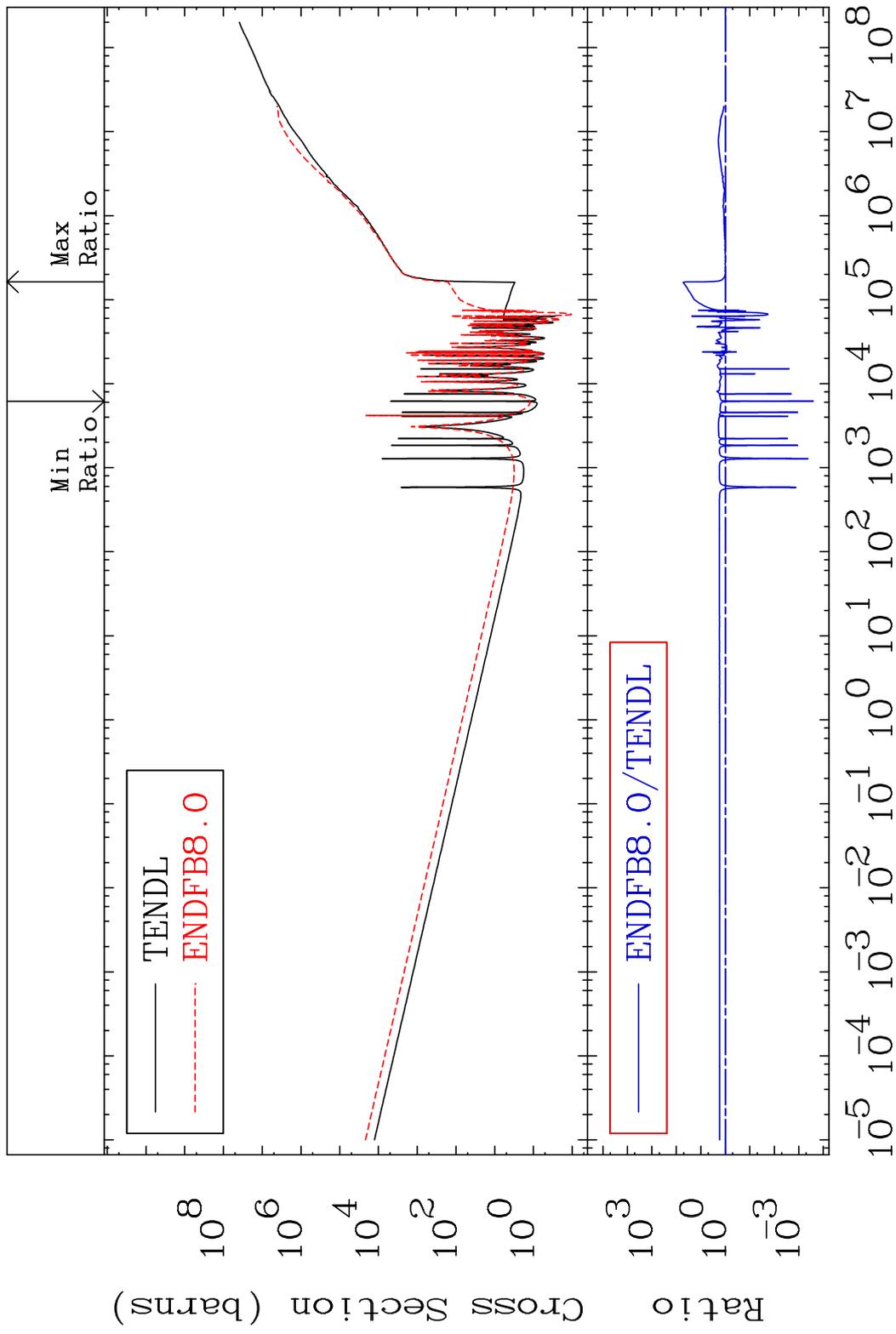
10⁸ 10⁶ 10⁴ 10² 10⁰ 10⁻² 10⁻⁴ 10⁻⁶ 10⁻⁸
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

37

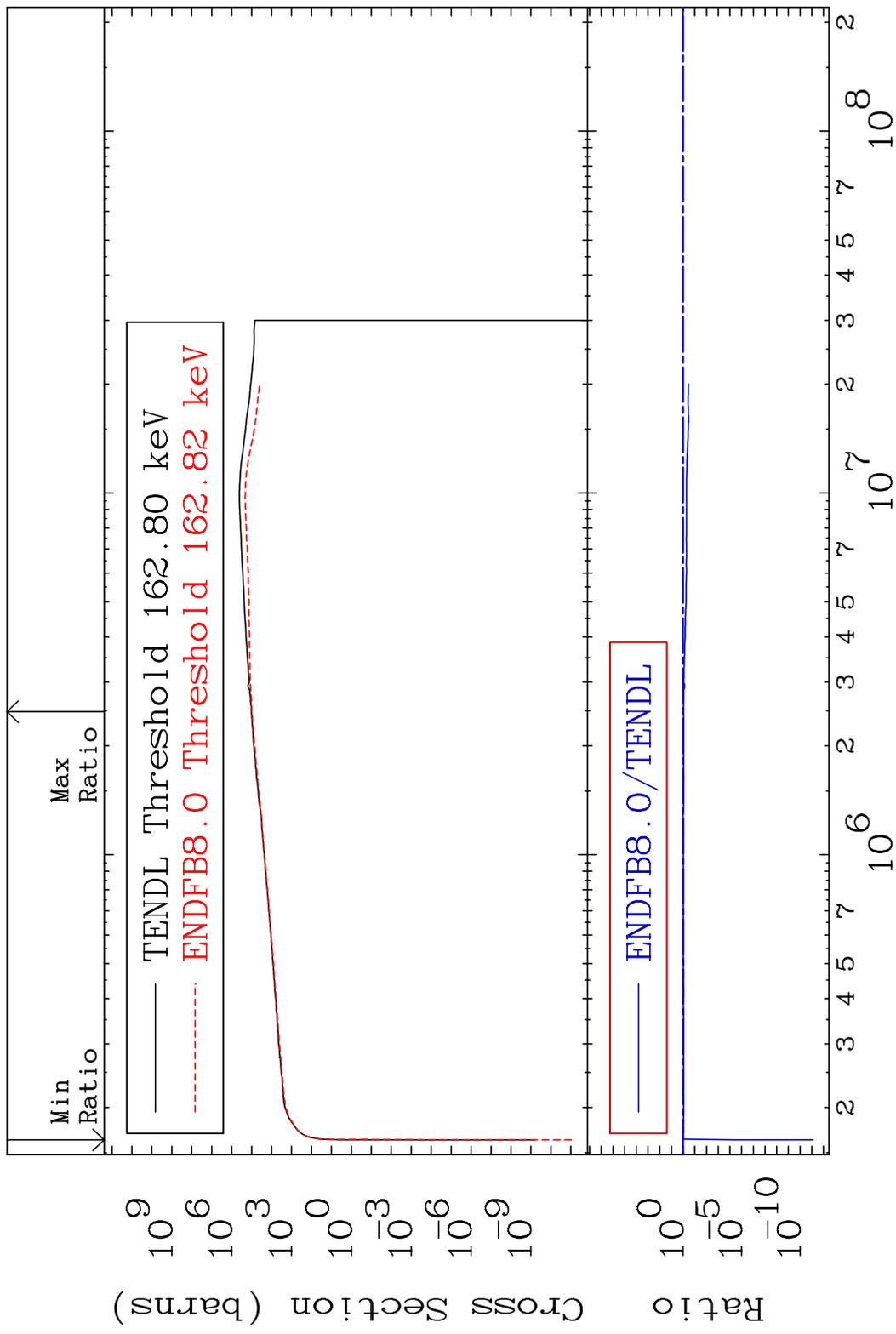
Incident Energy (eV)

22-Ti-47

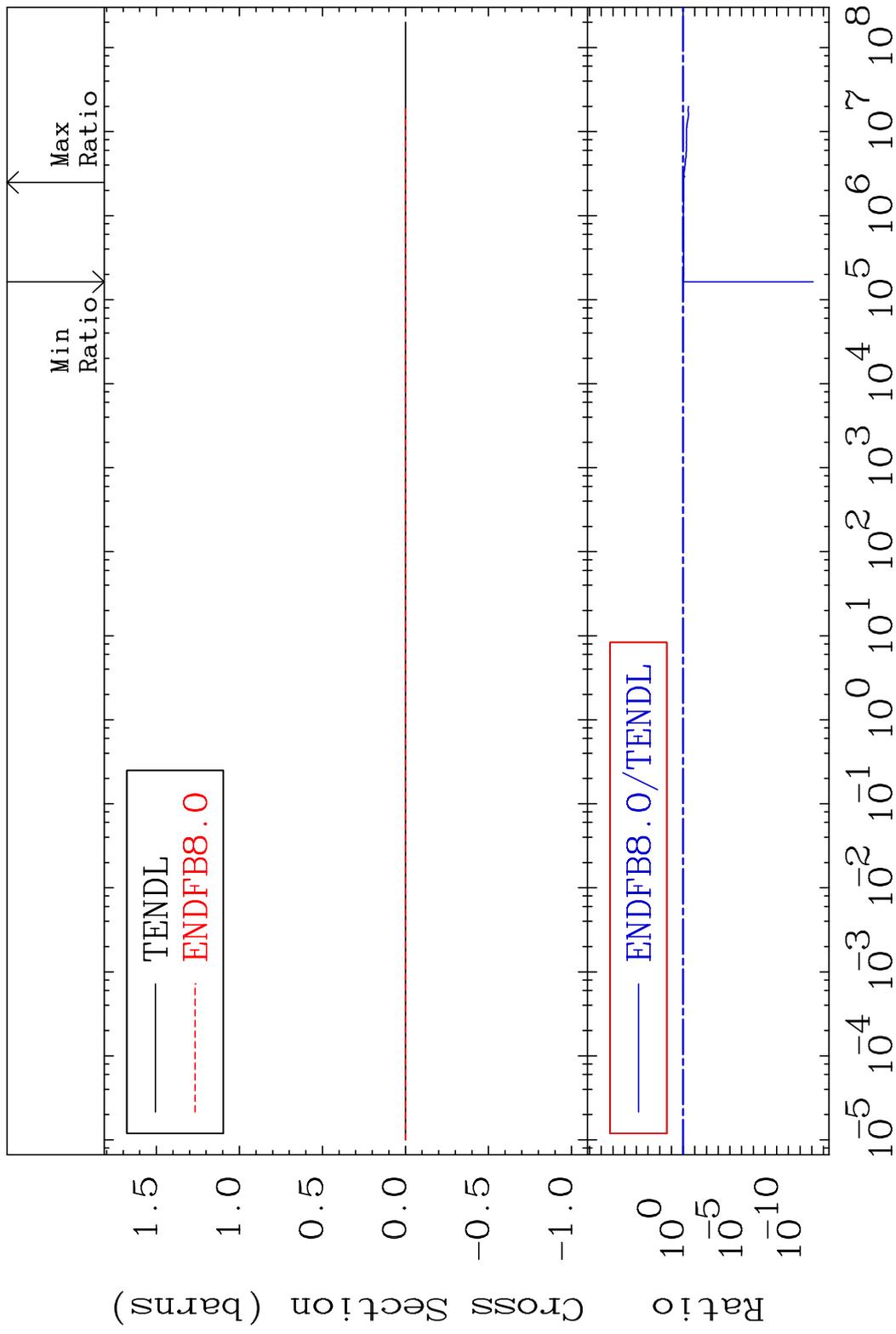
MAT 2228 Kerma non-elastic (all but mt2) 22-Ti-47
 Cross Section -99.97 To 5339. %



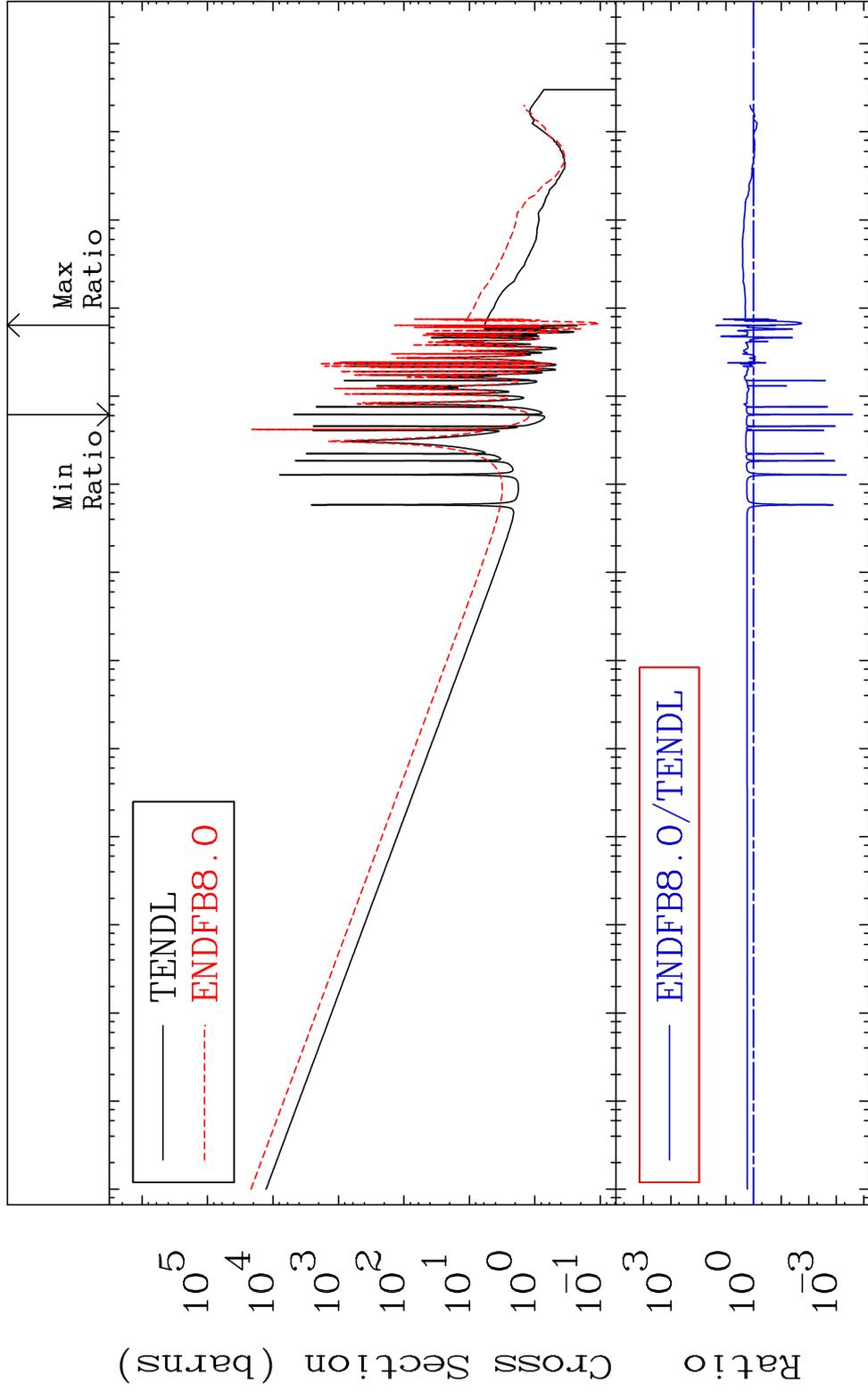
MAT 2228 Kerma inelastic (mt51-91) 22-Ti-47
 Cross Section -100.0 To 6.323 %



MAT 2228 Kerma fission (mt18 or mt19-20-21-38) 22-Ti-47
 Cross Section -100.0 To 6.323 %

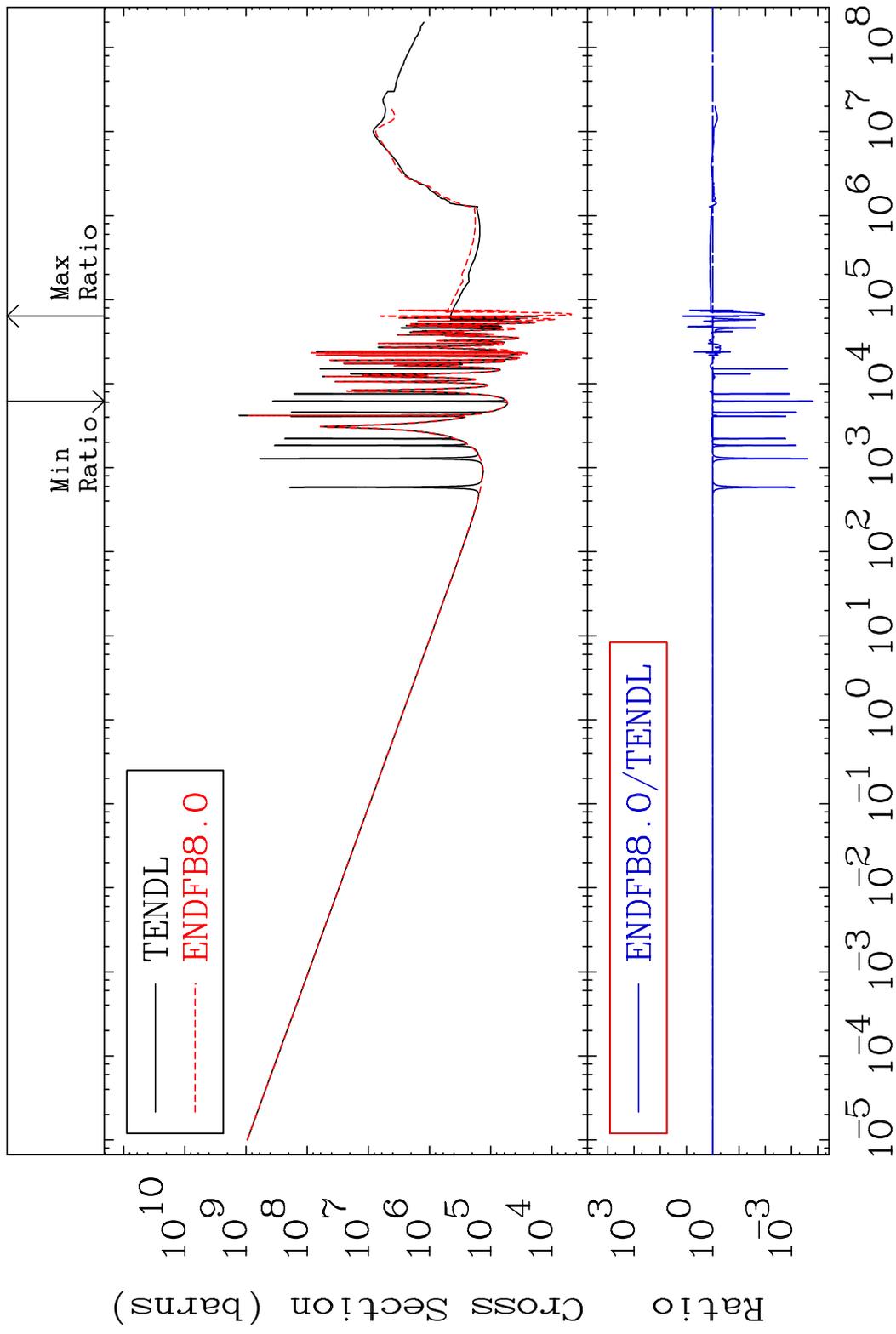


MAT 2228 Kerma capture (mt102) 22-Ti-47
 Cross Section -99.97 To 2231. %



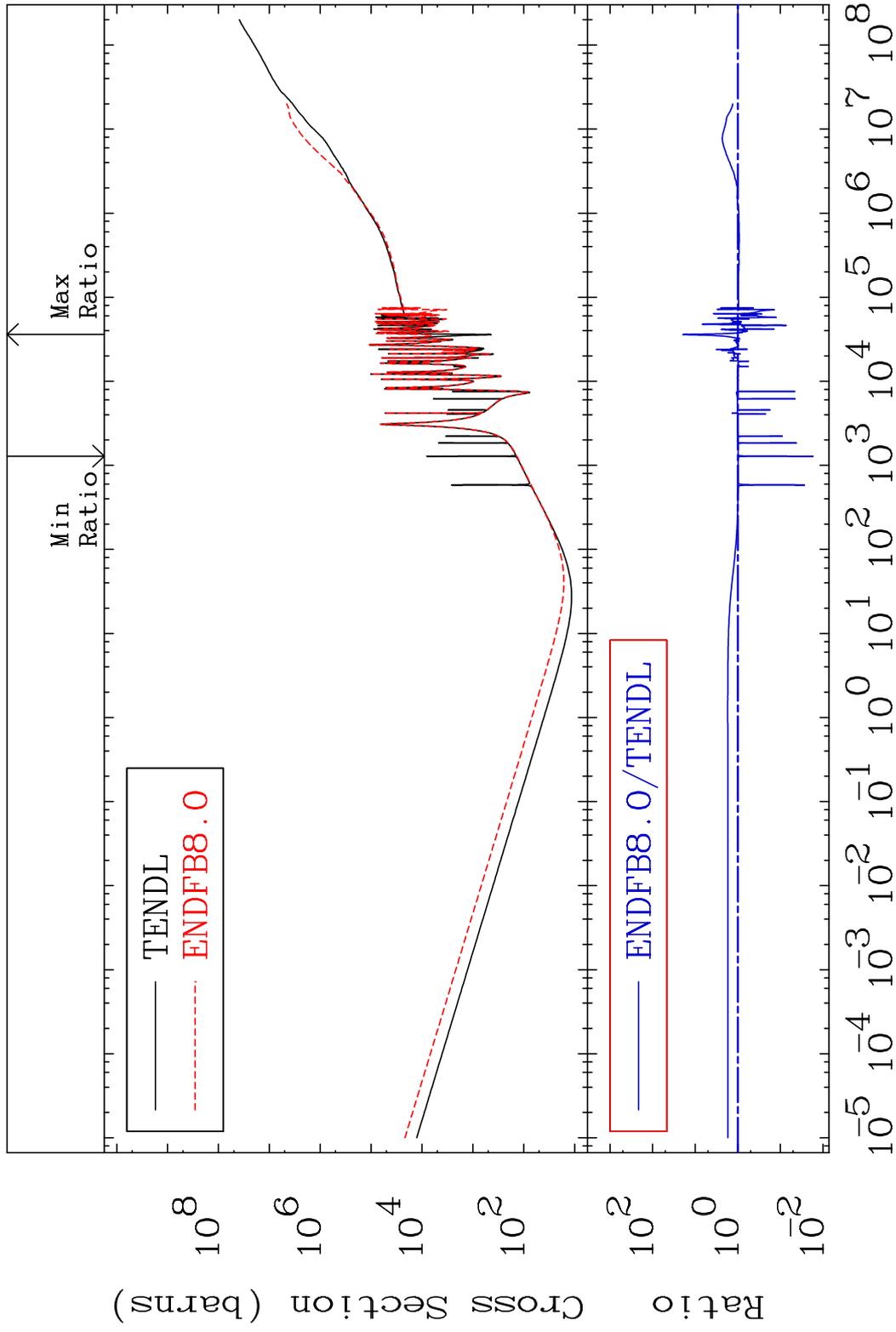
41 Incident Energy (eV) 22-Ti-47

MAT 2228 Total photon (eV-barns) 22-Ti-47
Cross Section -99.99 To 1276. %

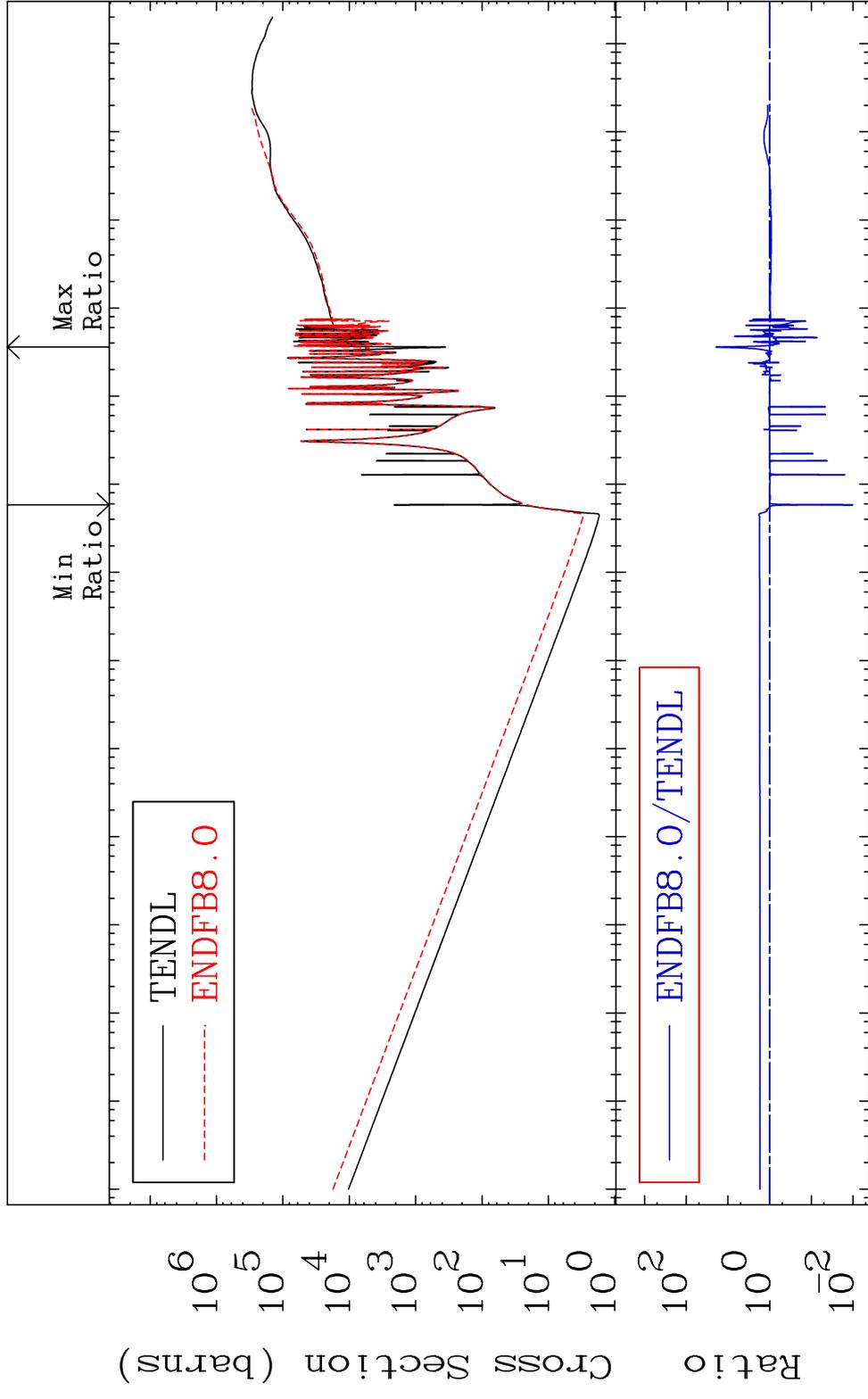


42 Incident Energy (eV) 22-Ti-47

MAT 2228 Total kinematic kerma (high limit) 22-Ti-47
 Cross Section -98.30 To 1849. %



MAT 2228 Dpa total (eV-barns) 22-Ti-47
 Cross Section -98.97 To 1849. %

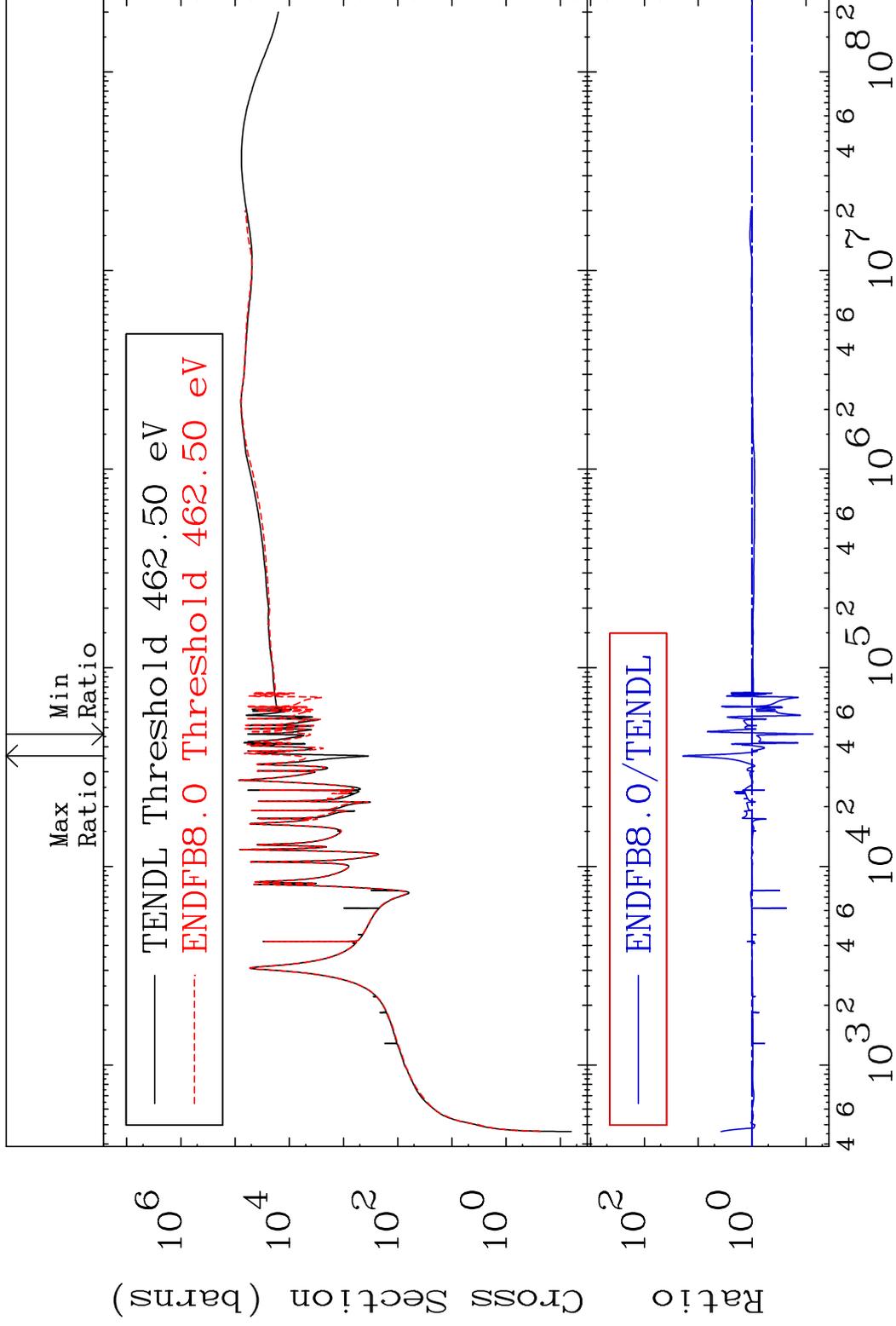


MAT 2228

Dpa elastic (mt2)

22-Ti-47

Cross Section -92.62 To 1852. %

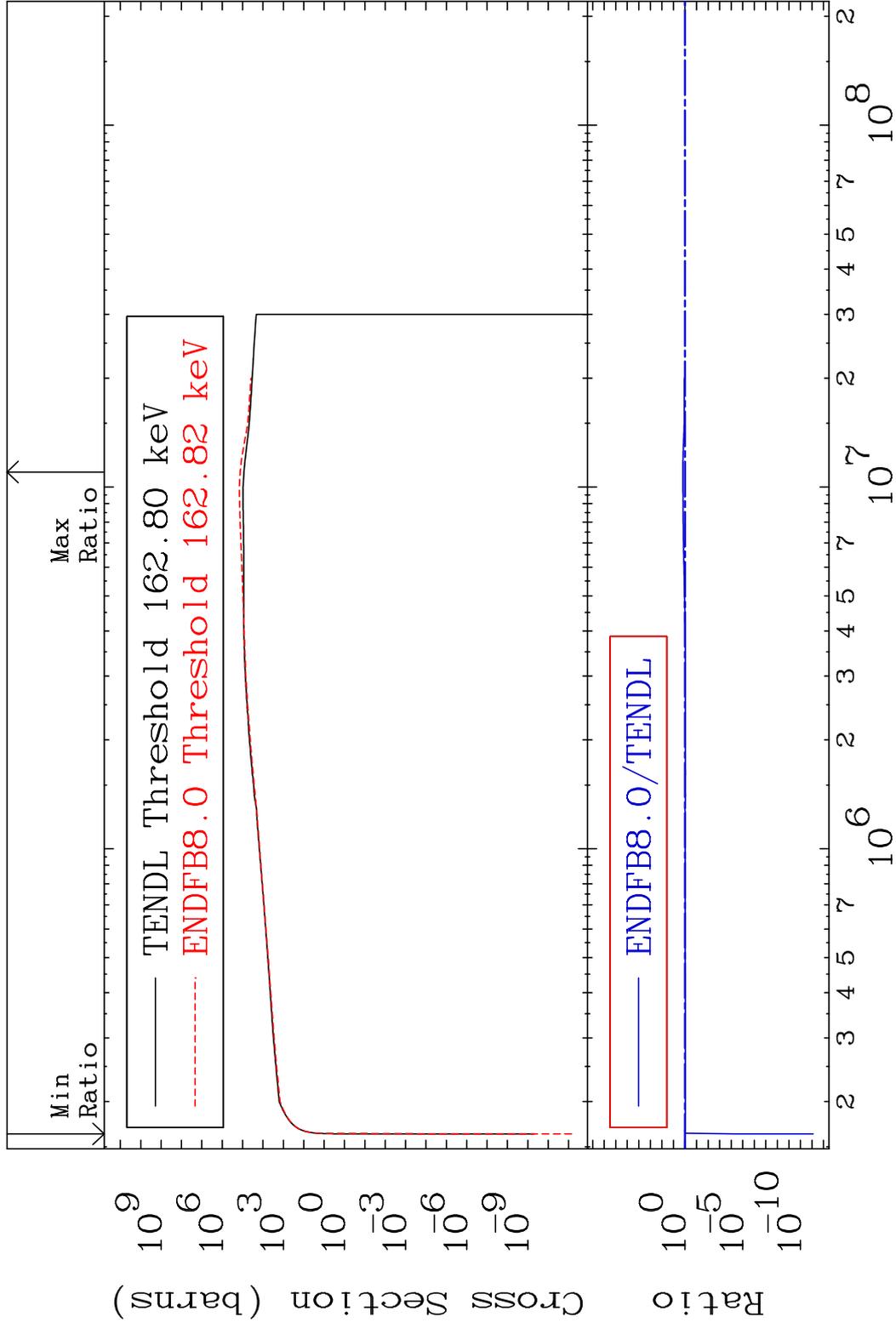


45

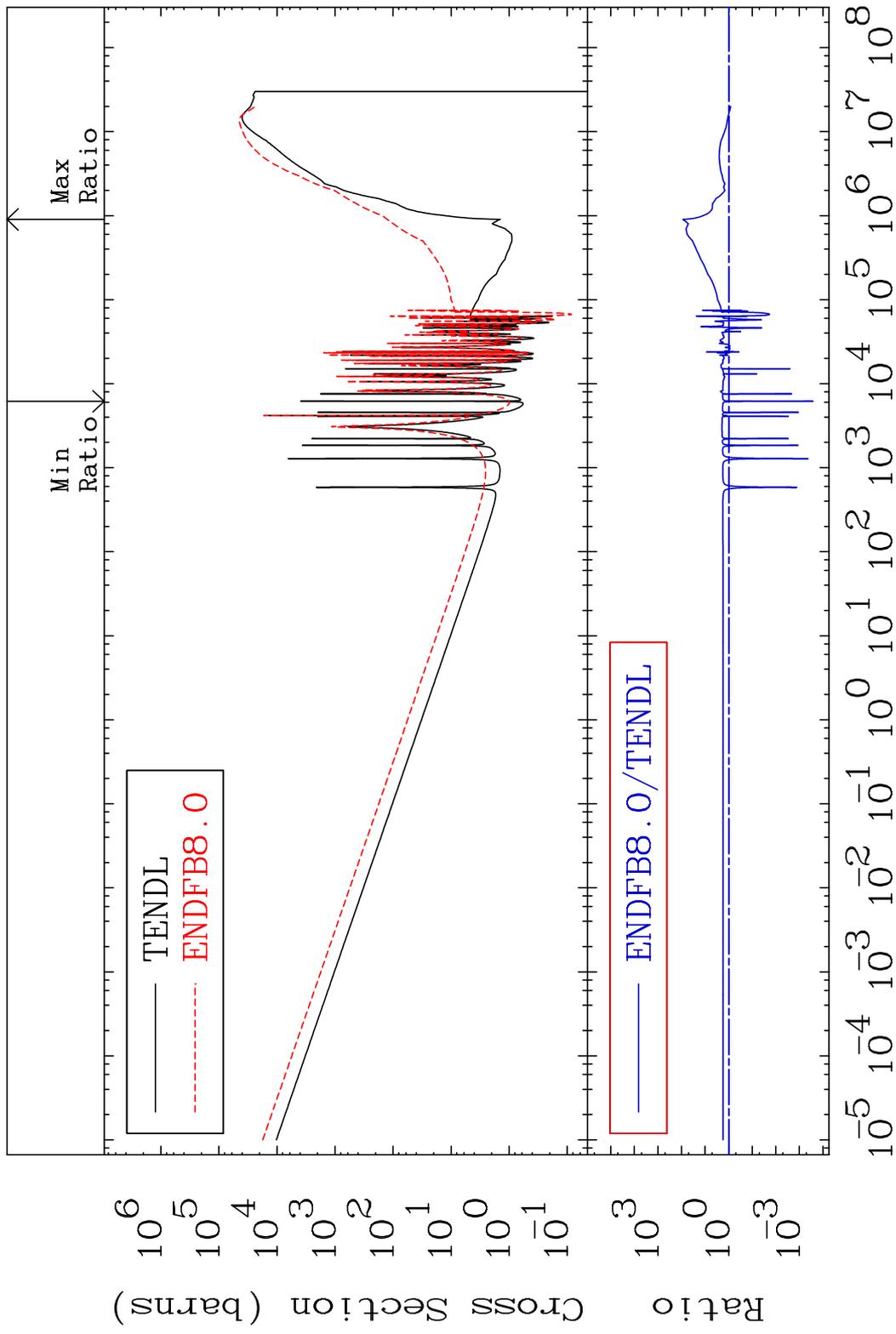
Incident Energy (eV)

22-Ti-47

MAT 2228 Dpa inelastic (mt51-91) ²²Ti-47
 Cross Section -100.0 To 54.31 %



MAT 2228 Dpa disappearance (mt102 -120) 22-Ti-47
 Cross Section -99.97 To 8673. %



47 Incident Energy (eV) 22-Ti-47