

Program Complot
(Version 2021-1)

by

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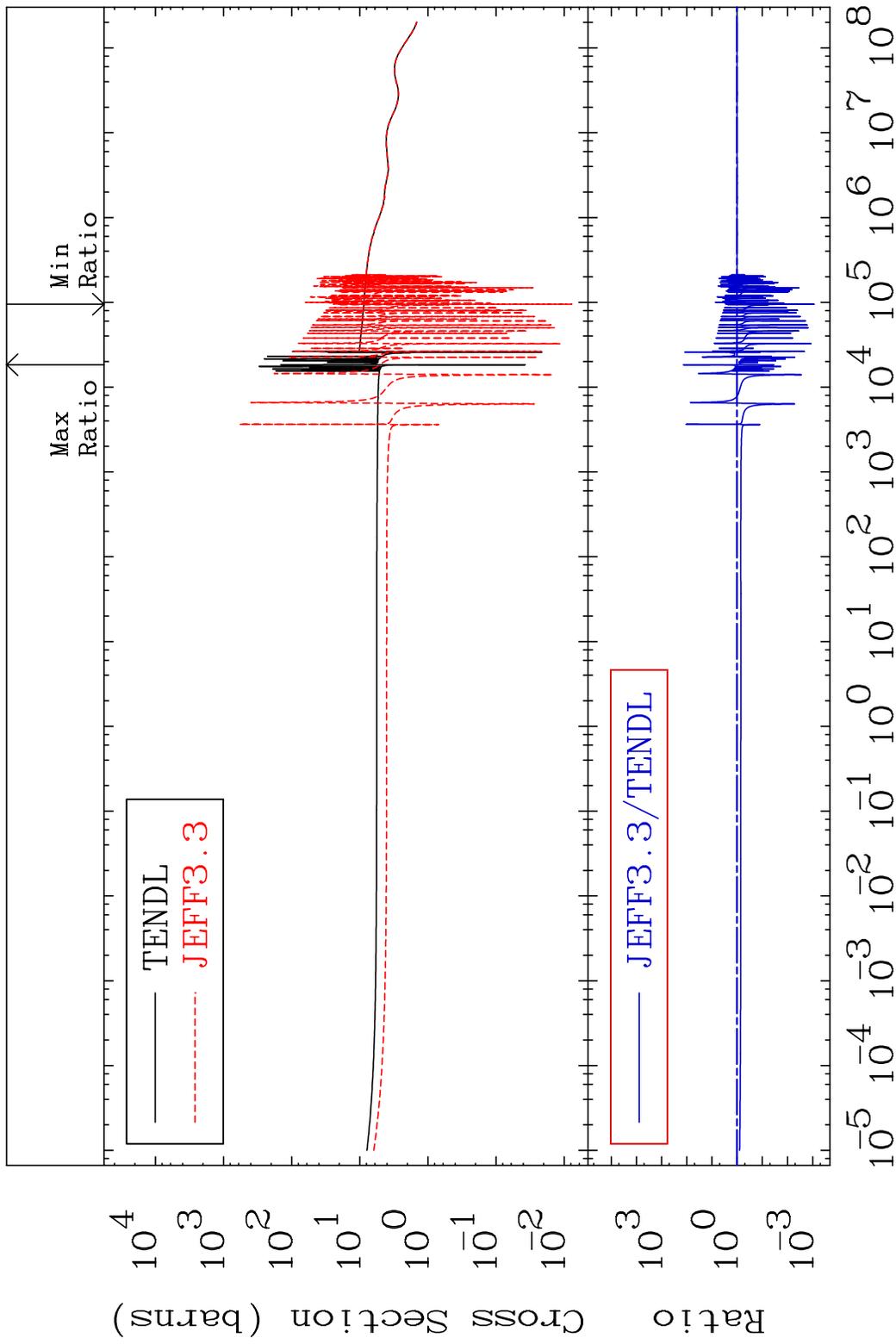
U.S.A.

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Press Mouse Button to Start

MAT 3449 Total 34-Se-82
 Cross Section -99.91 To 9999. %



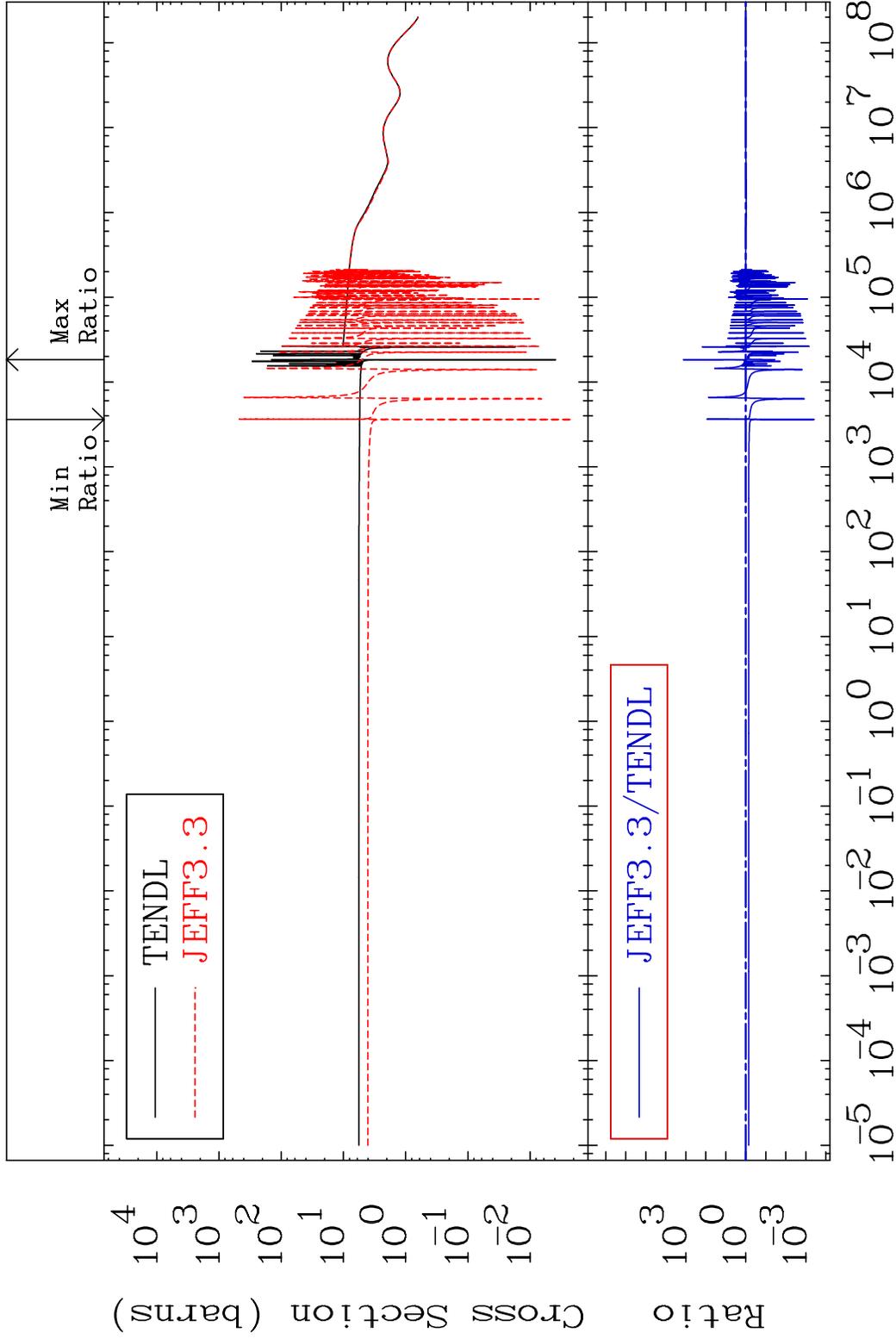
1 Incident Energy (eV) 34-Se-82

MAT 3449

Elastic

34-Se-82

Cross Section -99.96 To 9999. %

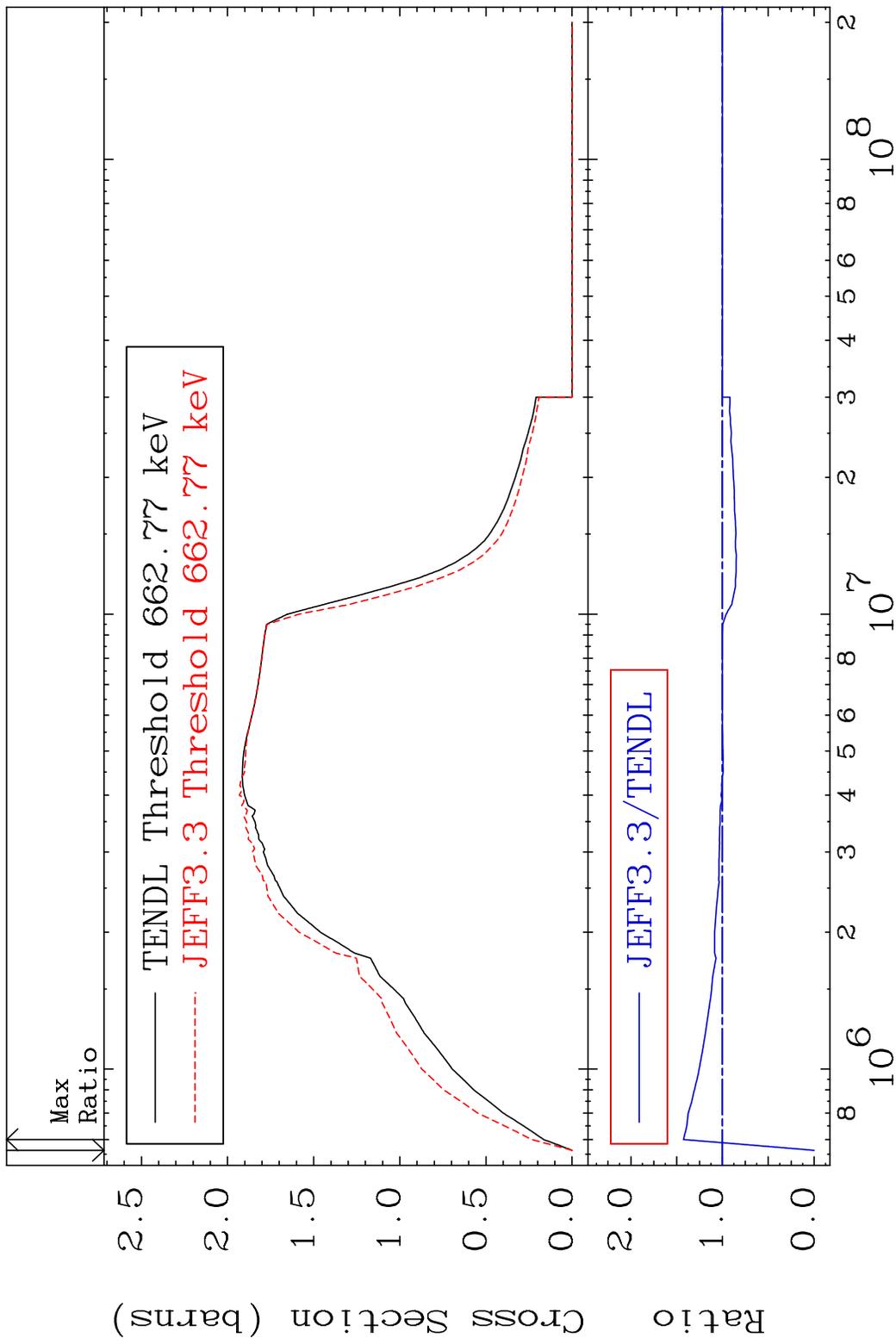


2

Incident Energy (eV)

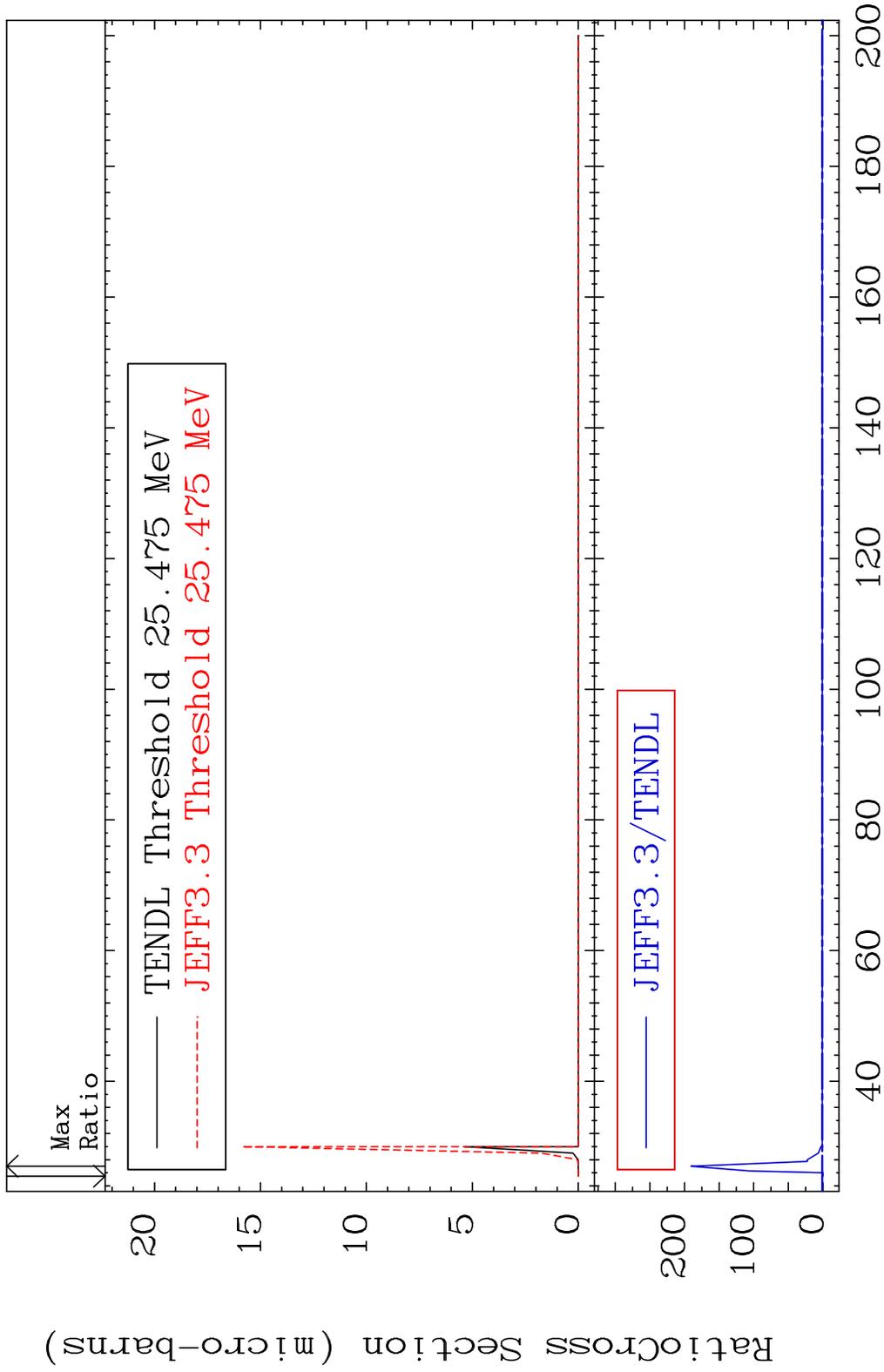
34-Se-82

MAT 3449 Inelastic 34-Se-82
 Cross Section -100.0 To 42.53 %



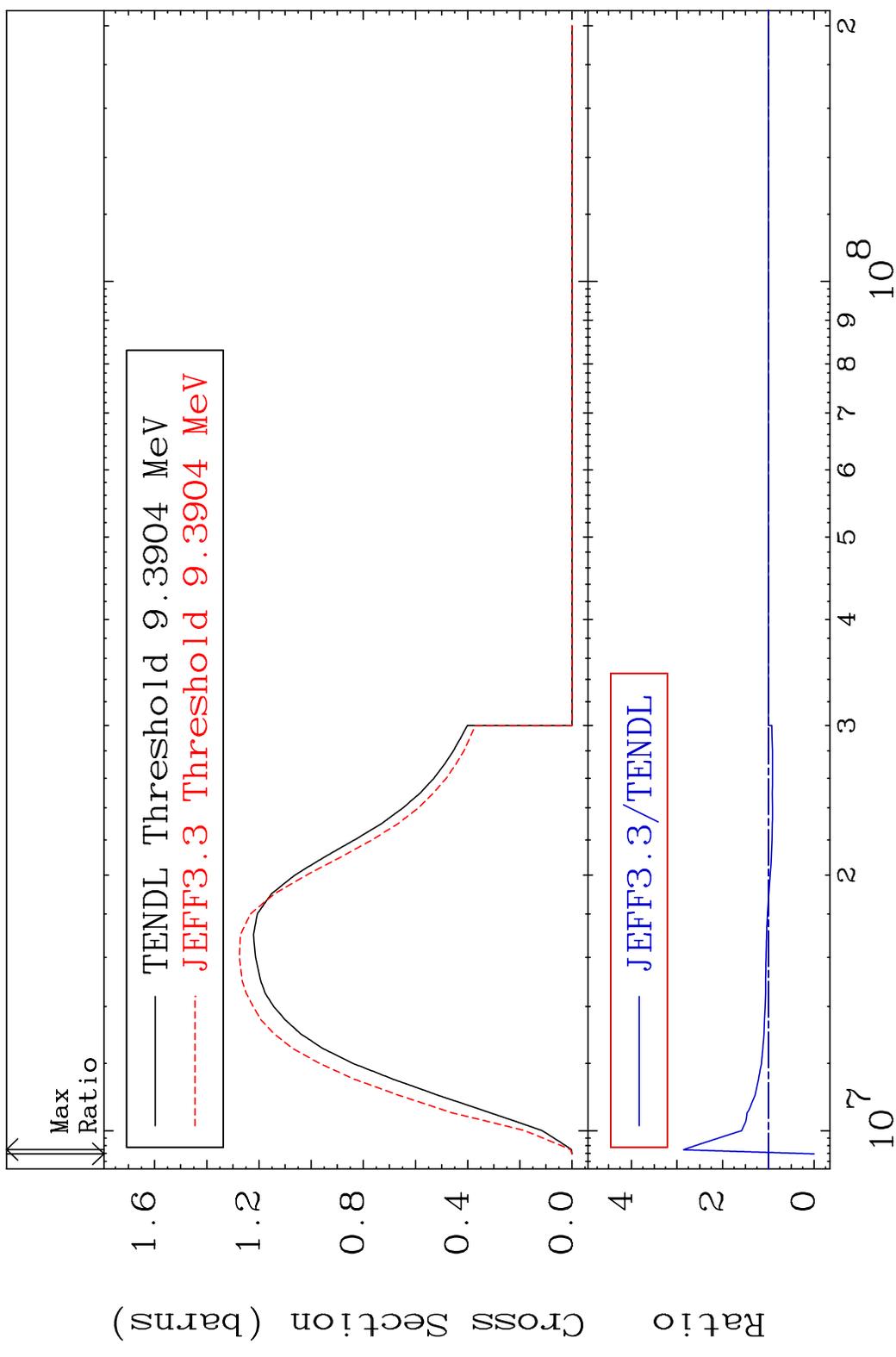
3 Incident Energy (eV) 34-Se-82

MAT 3449 (n,2n) d 34-Se-82
Cross Section -100.0 To 9999. %



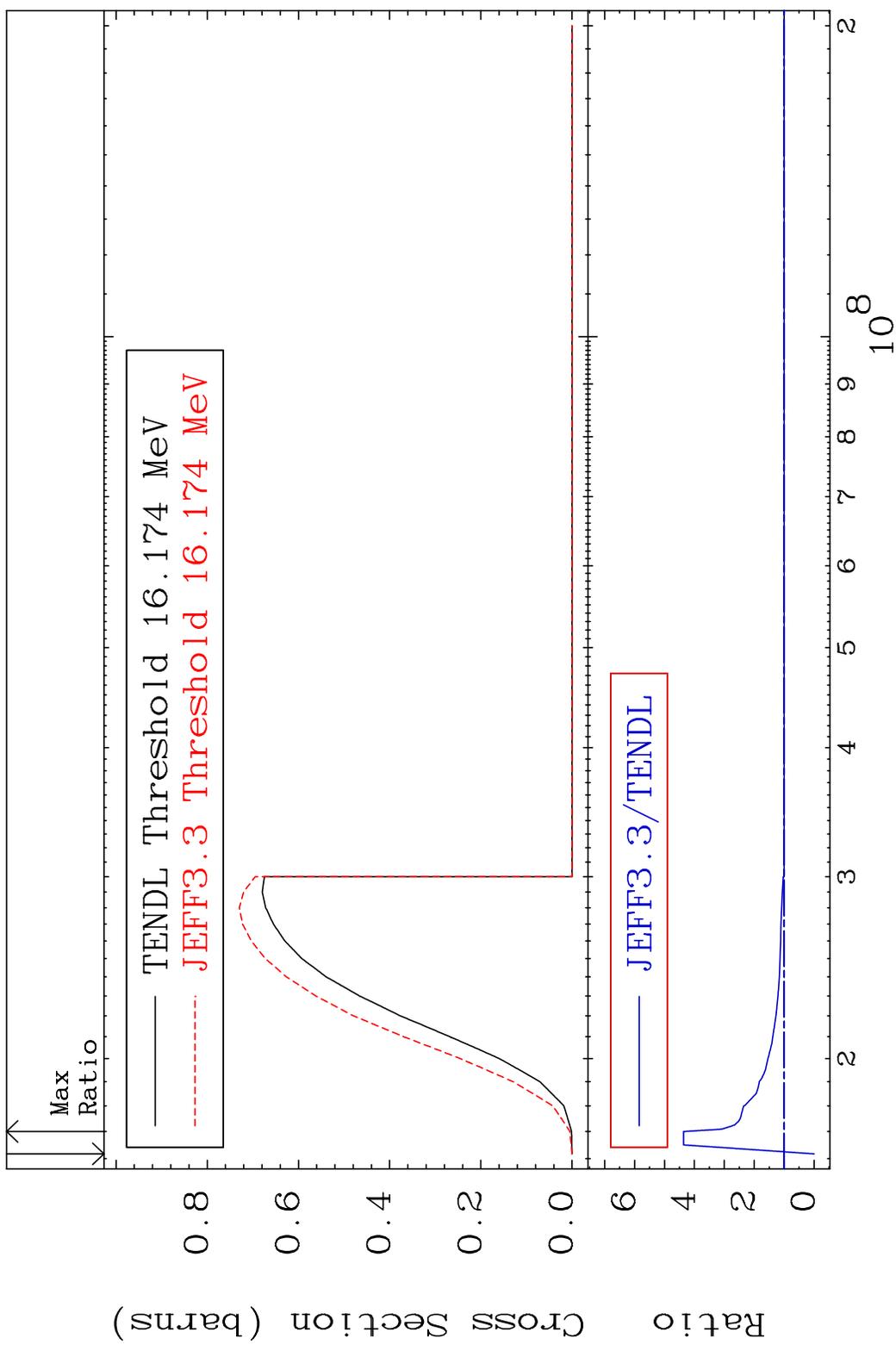
4 34-Se-82

MAT 3449 (n,2n) 34-Se-82
Cross Section -100.0 To 185.8 %

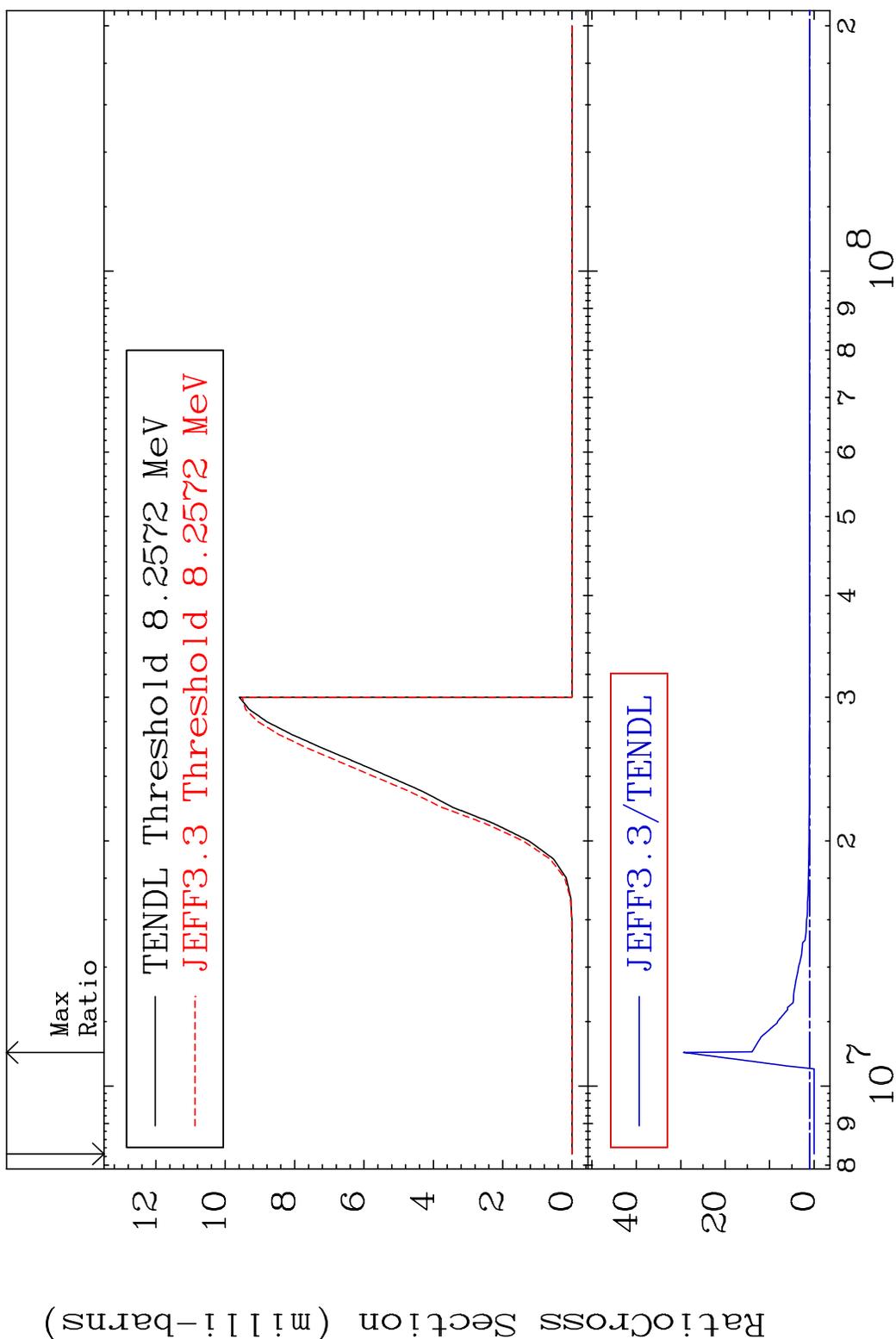


5 Incident Energy (eV) 34-Se-82

MAT 3449 (n,3n) ³⁴Se-82
 Cross Section -100.0 To 336.3 %

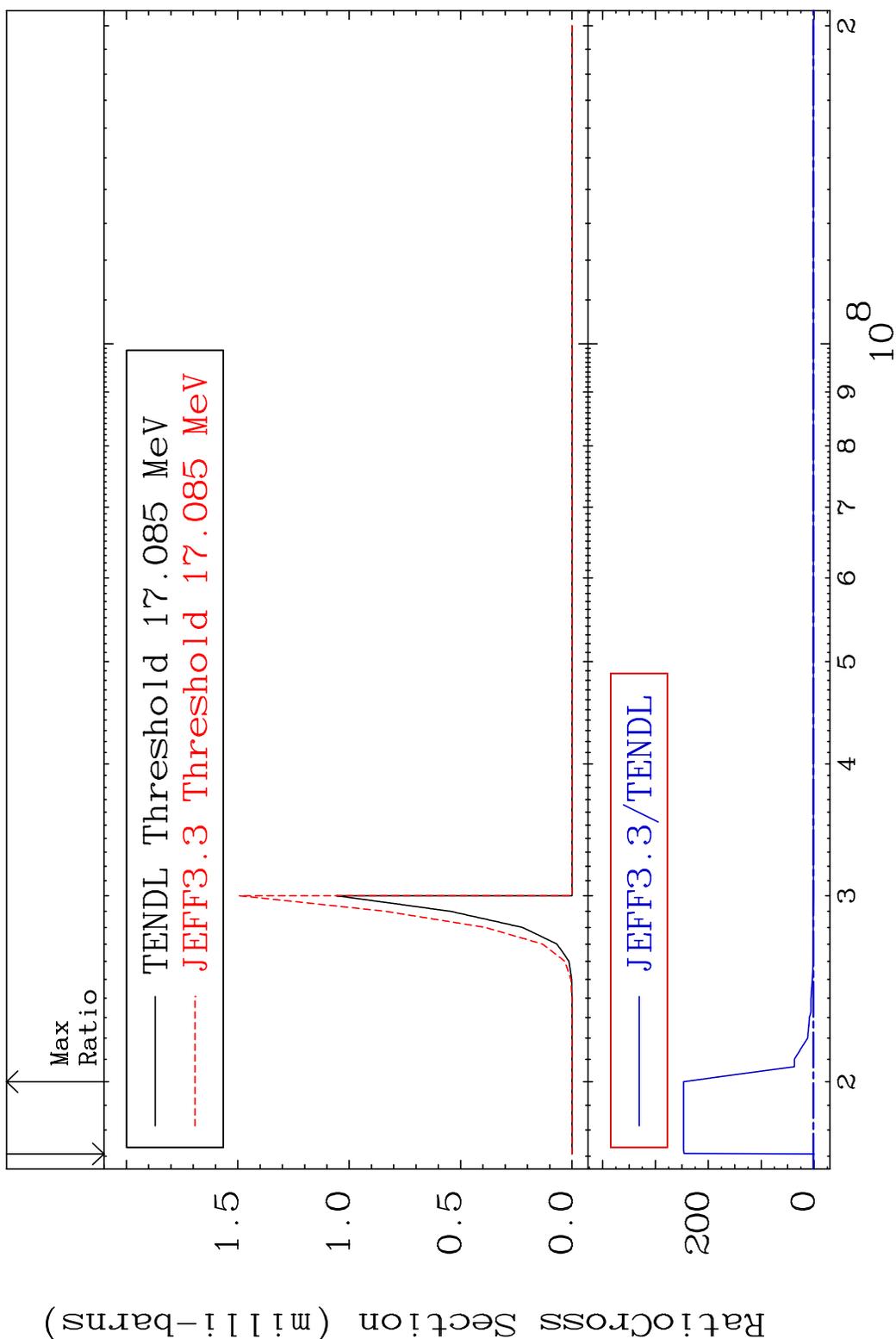


MAT 3449 (n, n') α 34-Se-82
 Cross Section -100.0 To 2838. %

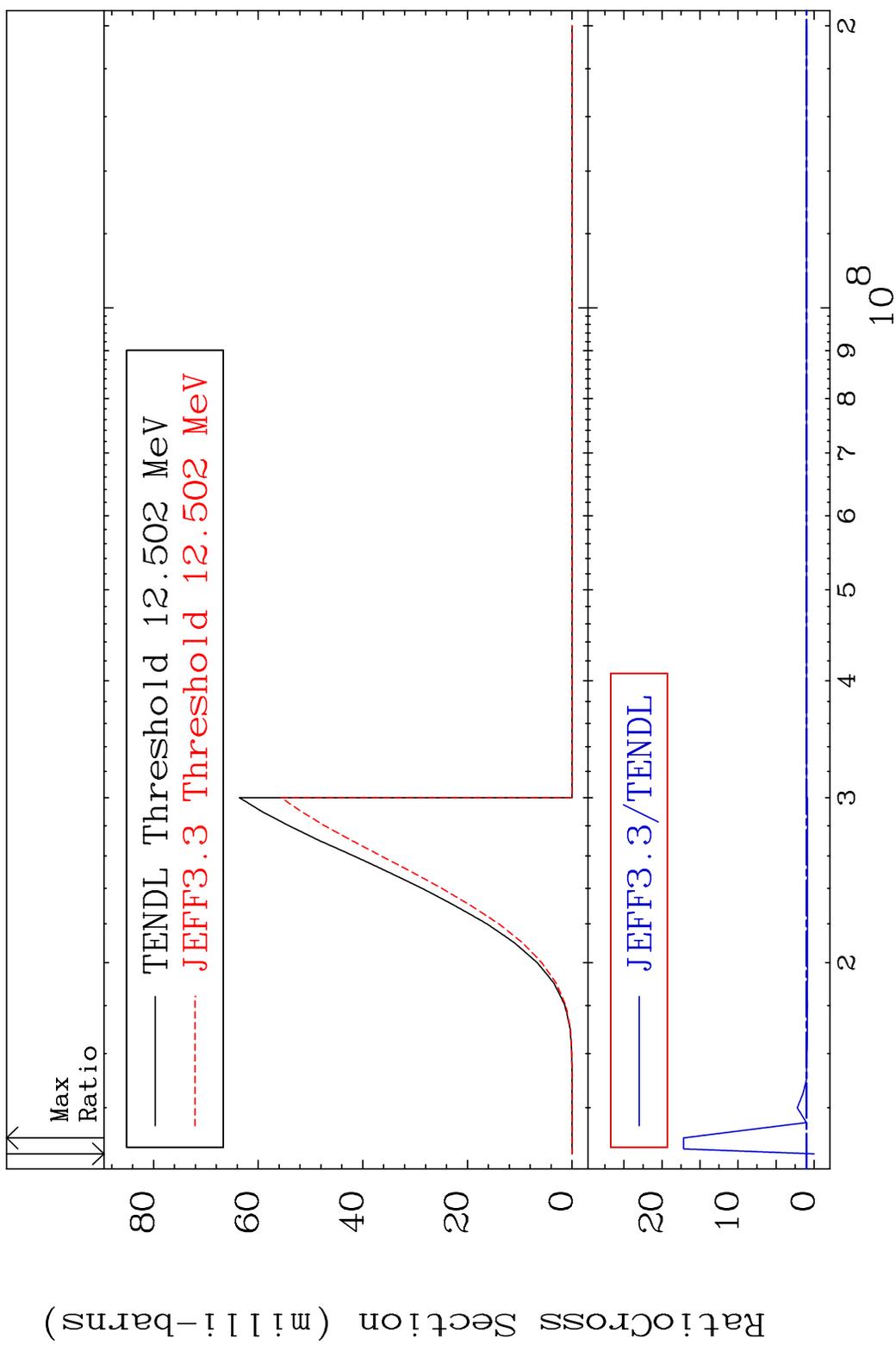


7 Incident Energy (eV) 34-Se-82

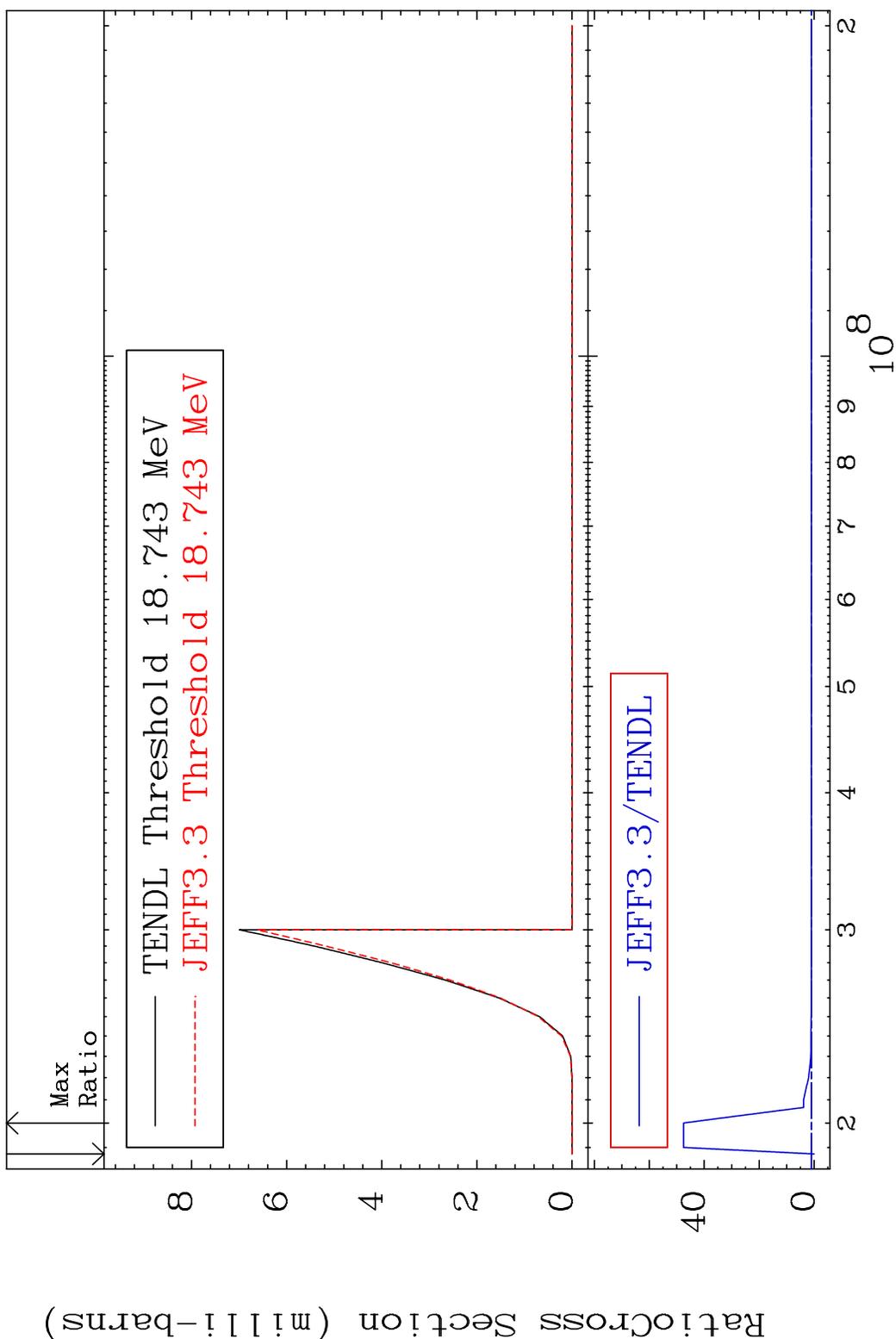
MAT 3449 (n,2n) α 34-Se-82
 Cross Section -100.0 To 9999. %



MAT 3449 (n, n') p 34-Se-82
 Cross Section -100.0 To 1617. %

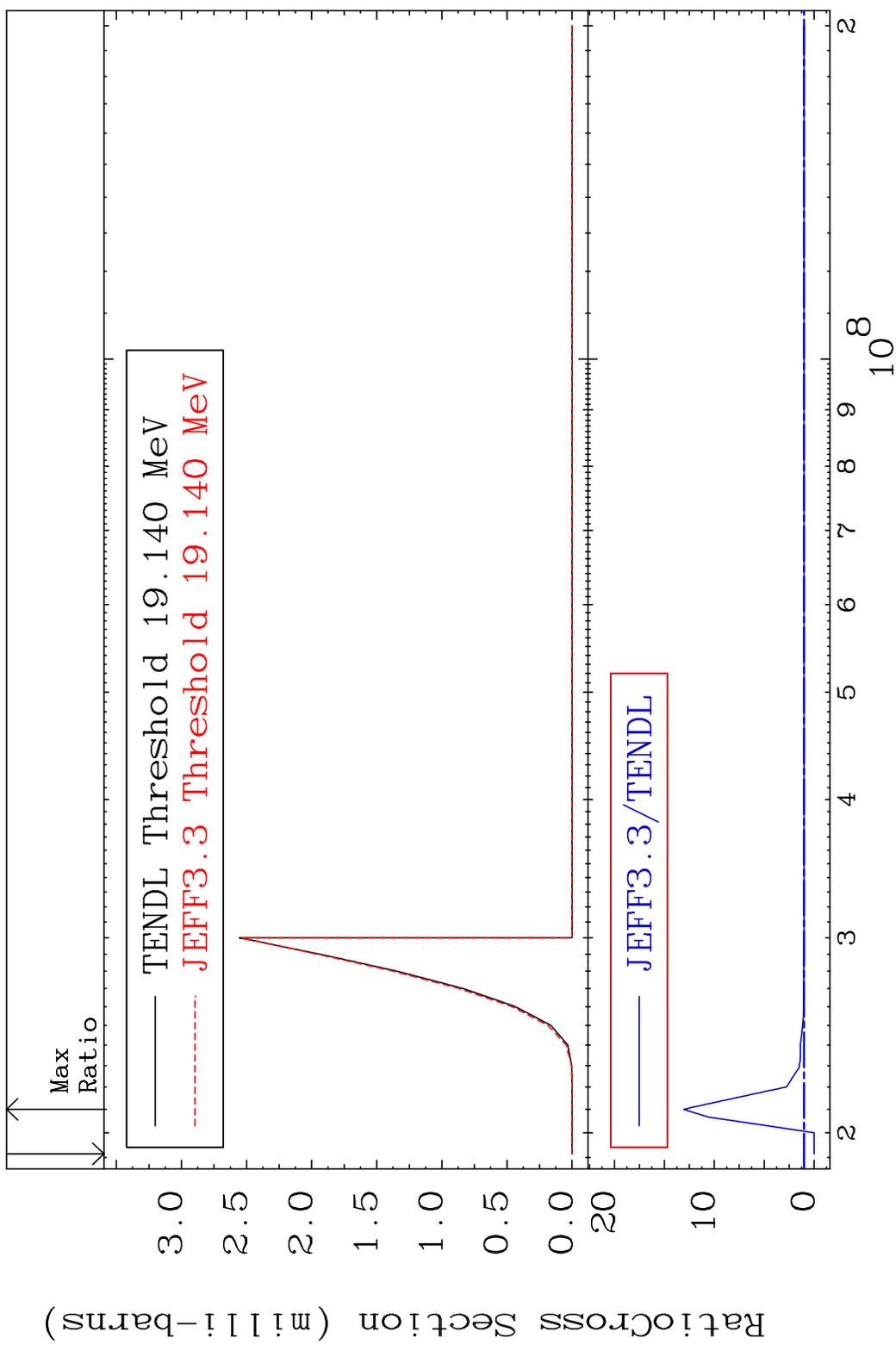


MAT 3449 (n, n') d 34-Se-82
Cross Section -100.0 To 4654. %

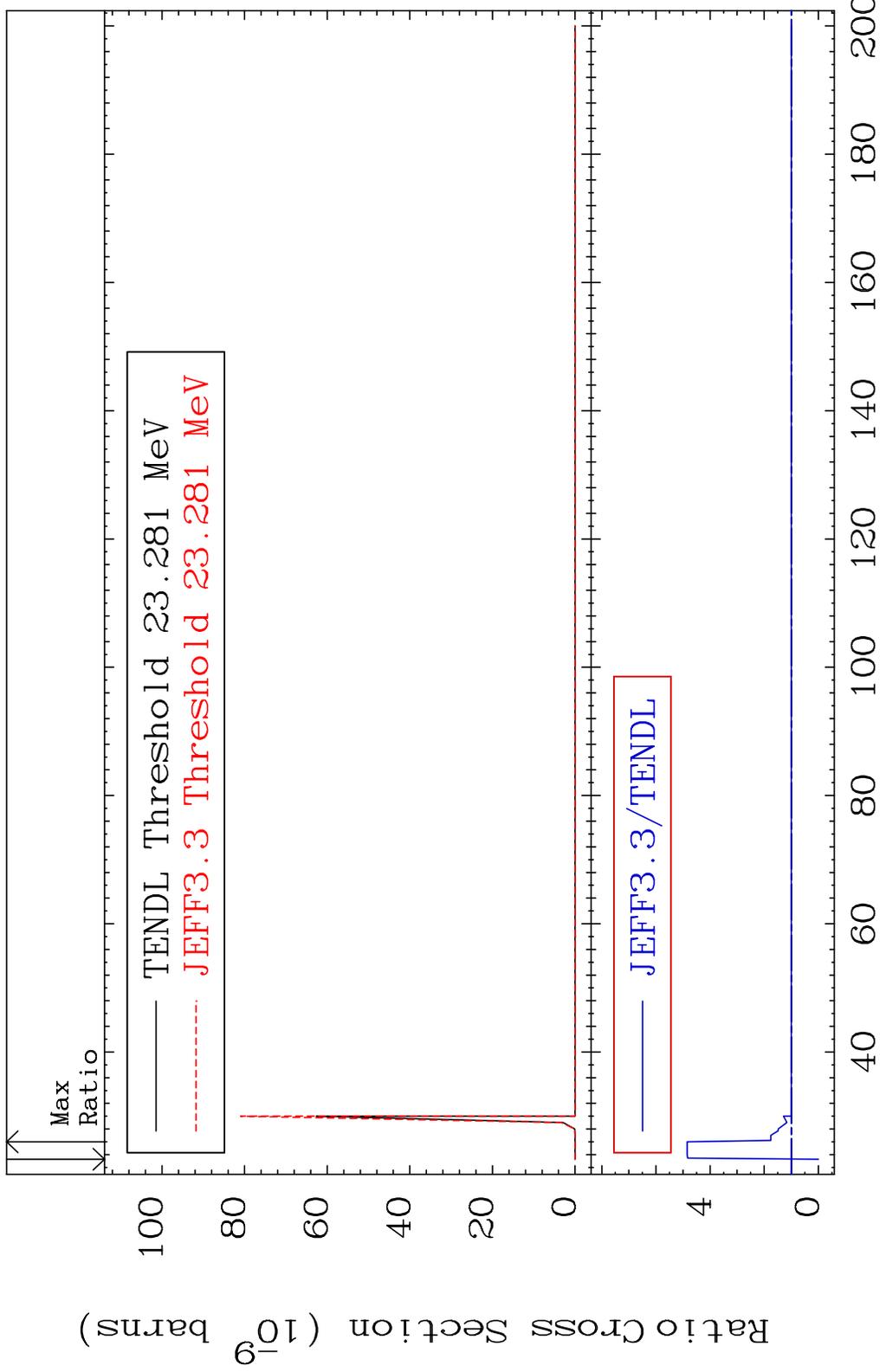


10 34-Se-82

MAT 3449 (n, n') t 34-Se-82
 Cross Section -100.0 To 1208. %



MAT 3449 (n, n') He-3 34-Se-82
 Cross Section -100.0 To 384.8 %



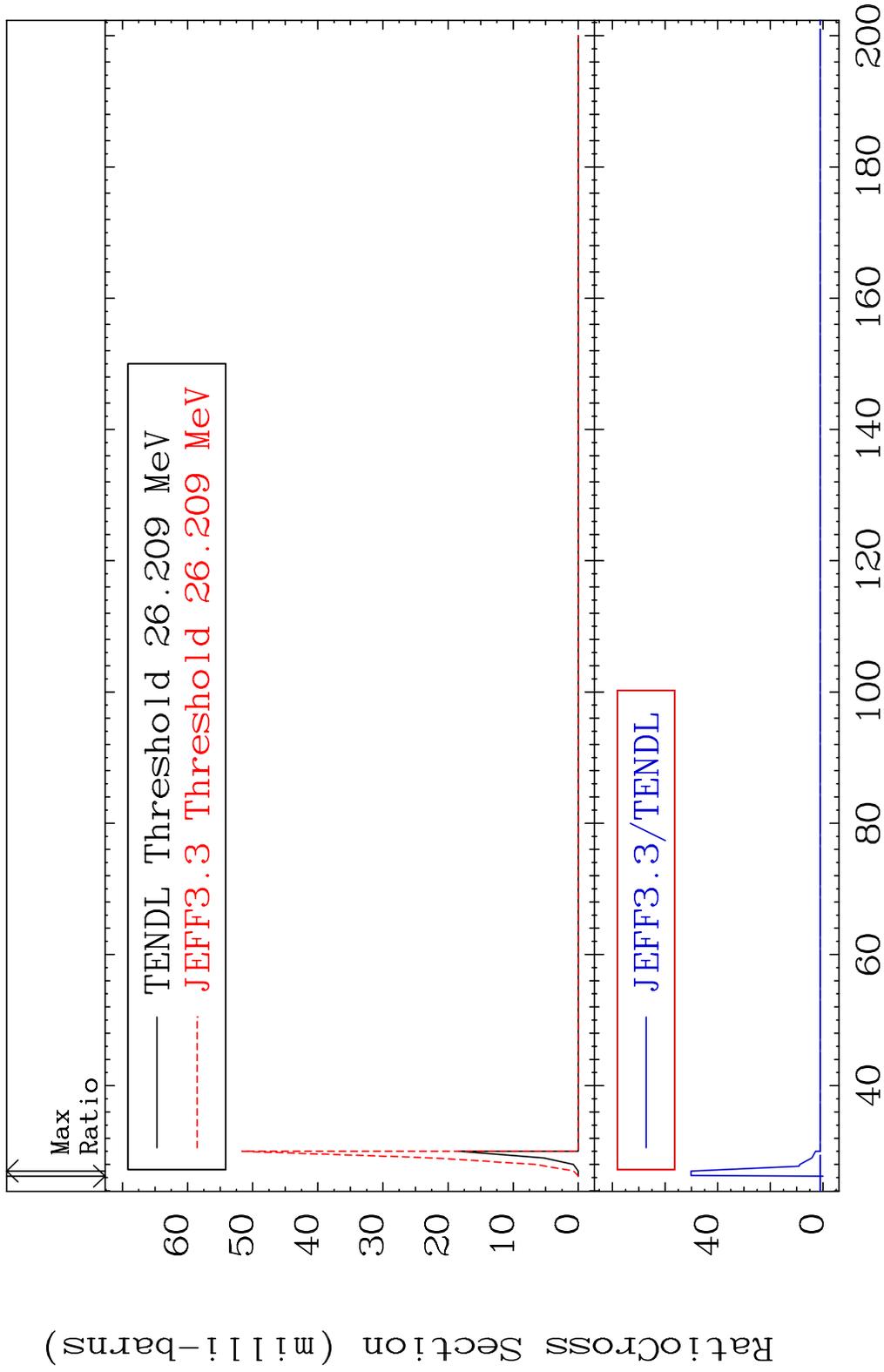
12 Incident Energy (MeV) 34-Se-82

MAT 3449

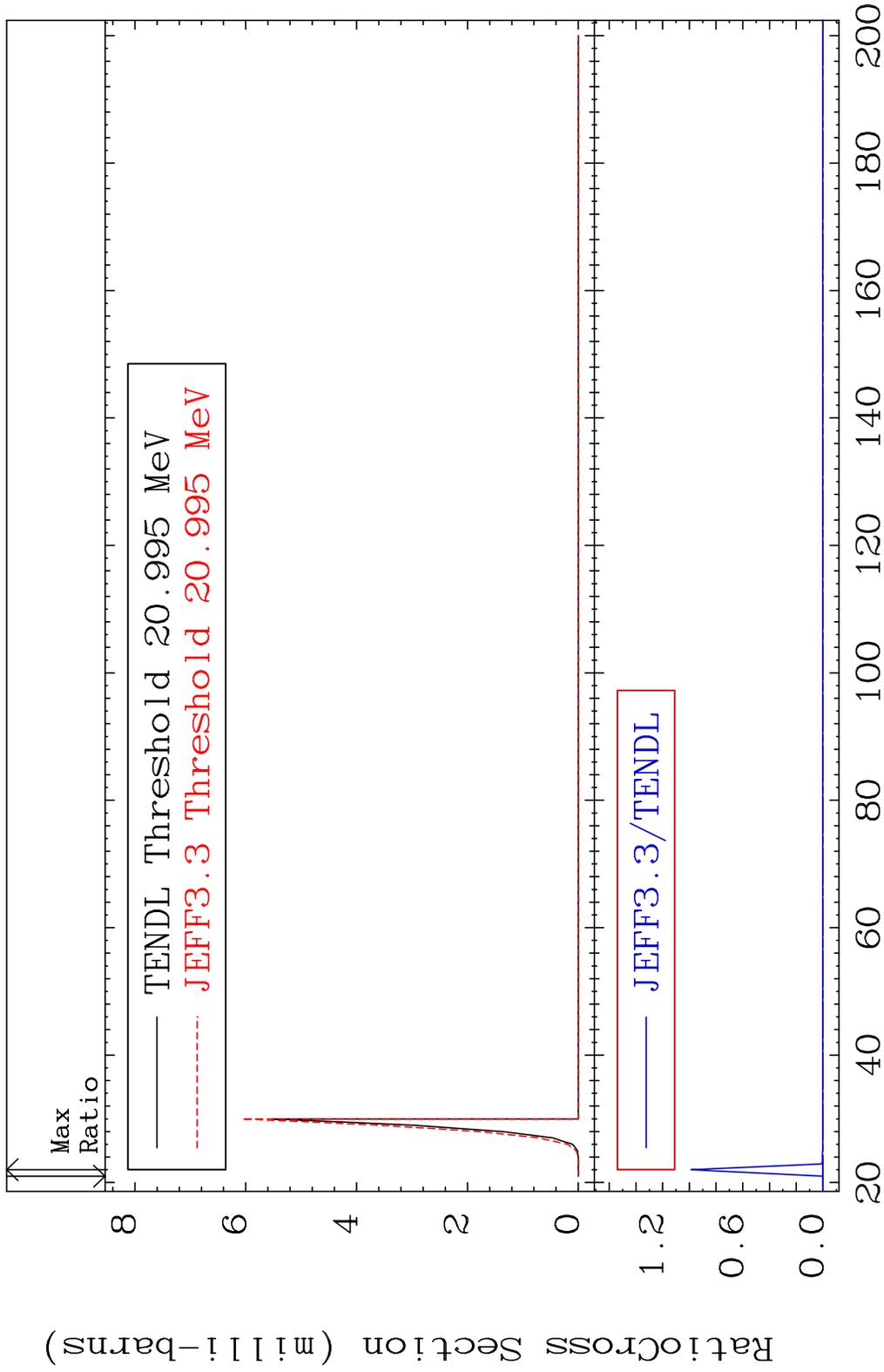
(n,4n)

³⁴Se-82

Cross Section -100.0 To 4916. %

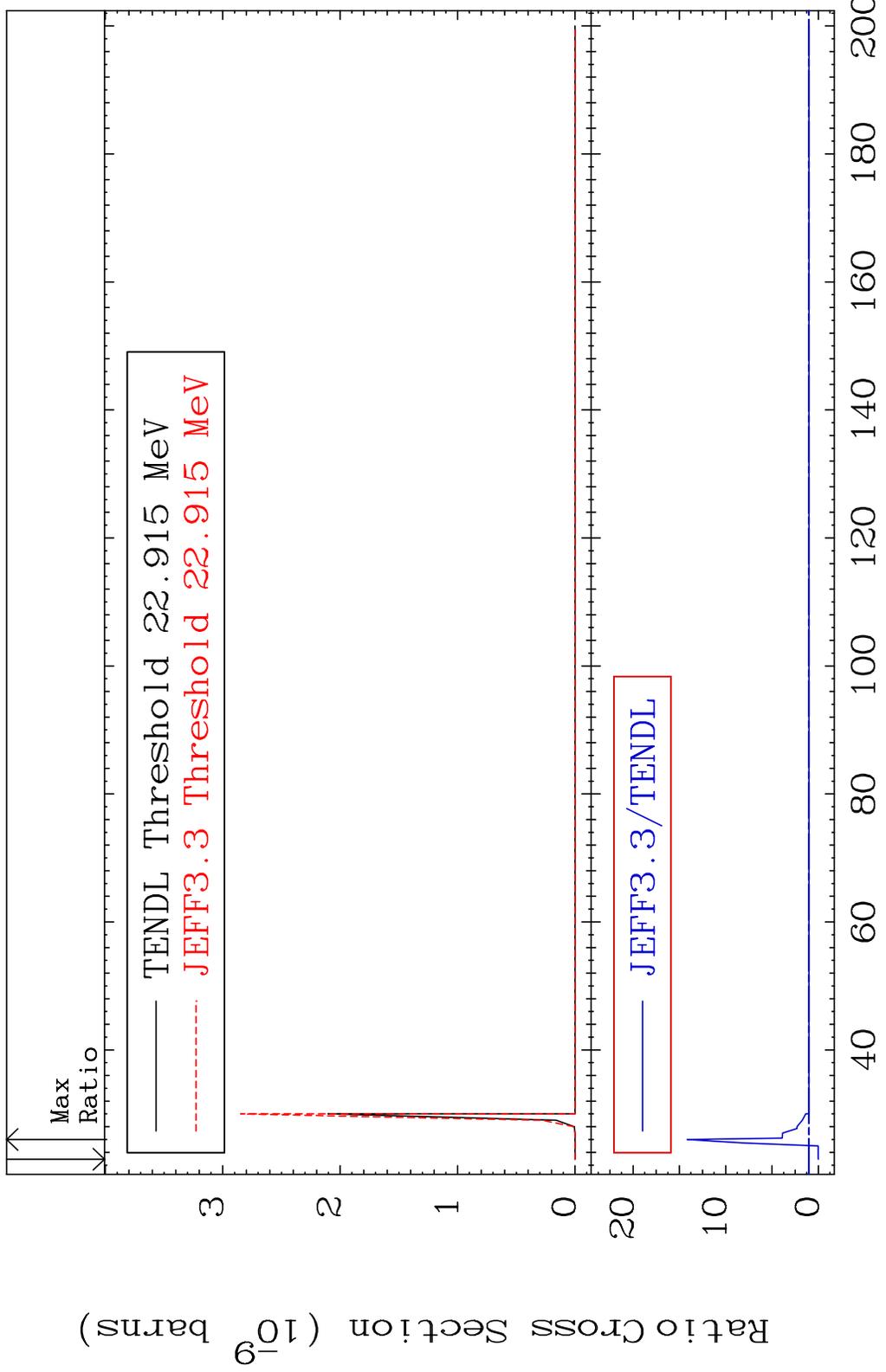


MAT 3449 (n,2n) p 34-Se-82
Cross Section -100.0 To 9999. %



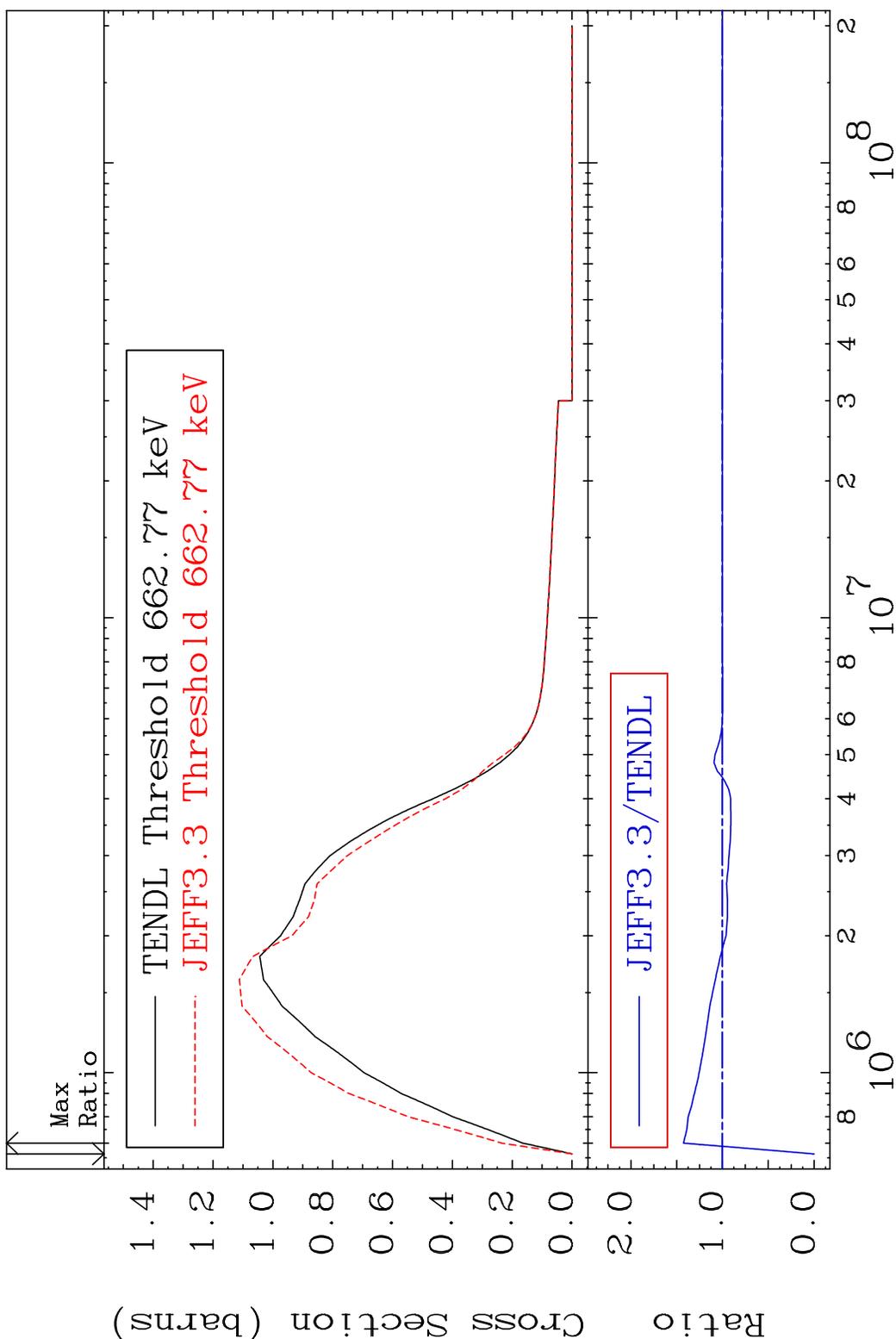
14 Incident Energy (MeV) 34-Se-82

MAT 3449 (n,2n) p 34-Se-82
Cross Section -100.0 To 1316. %



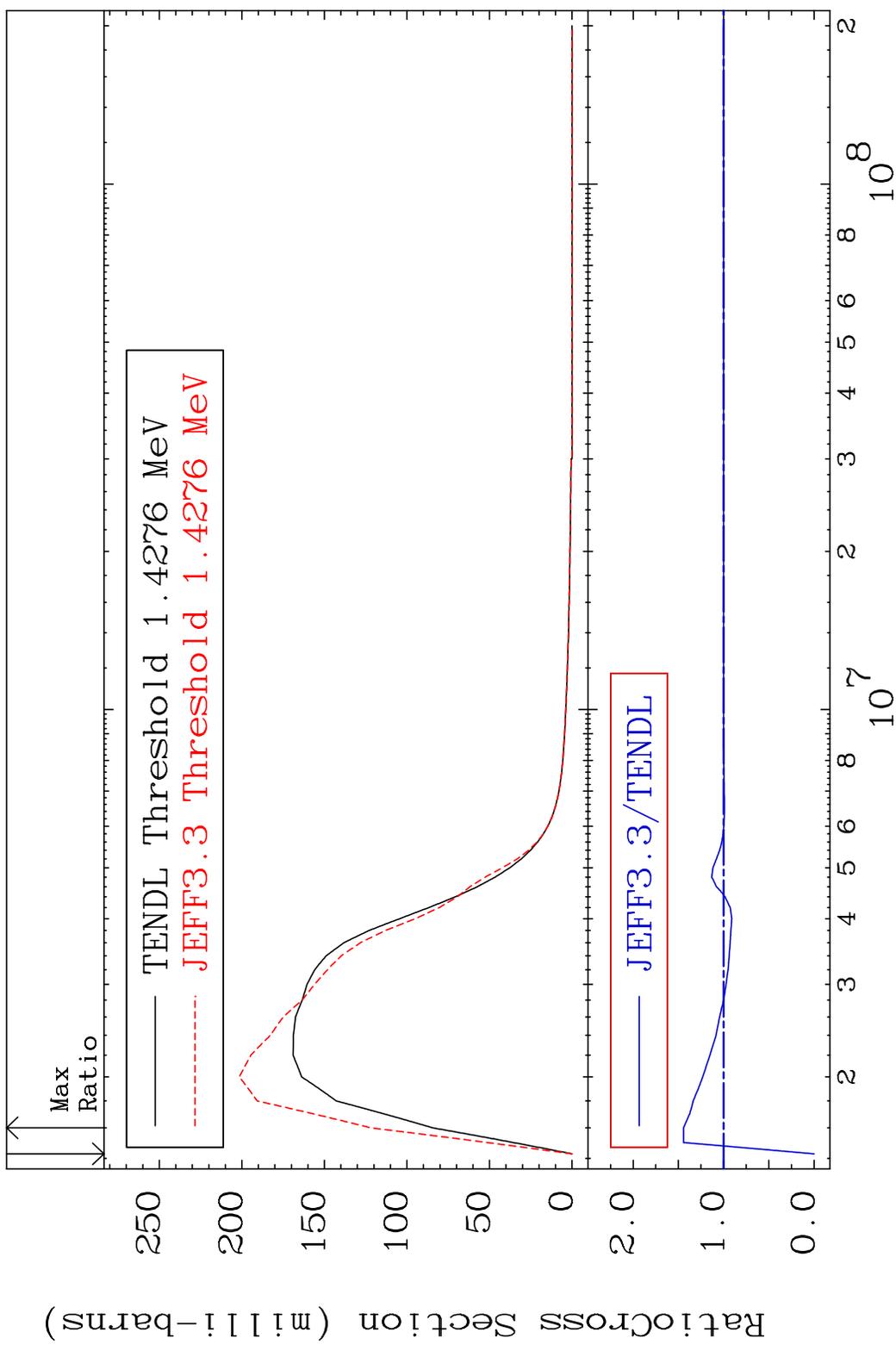
15 34-Se-82

MAT 3449 MT= 51 (n, n') Level 34-Se-82
 Cross Section -100.0 To 42.53 %

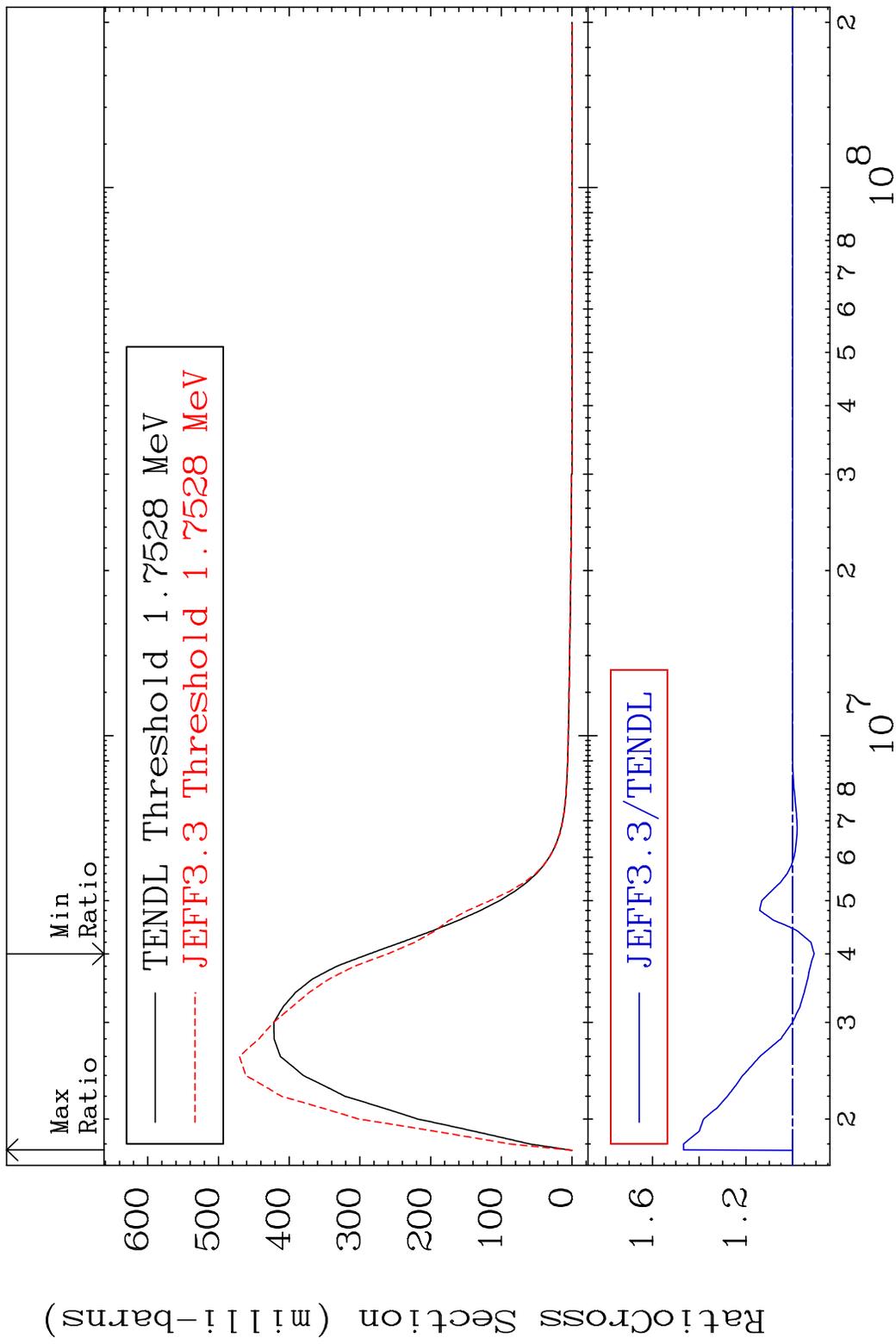


16 Incident Energy (eV) 34-Se-82

MAT 3449 MT= 52 (n, n') Level 34-Se-82
 Cross Section -100.0 To 44.31 %

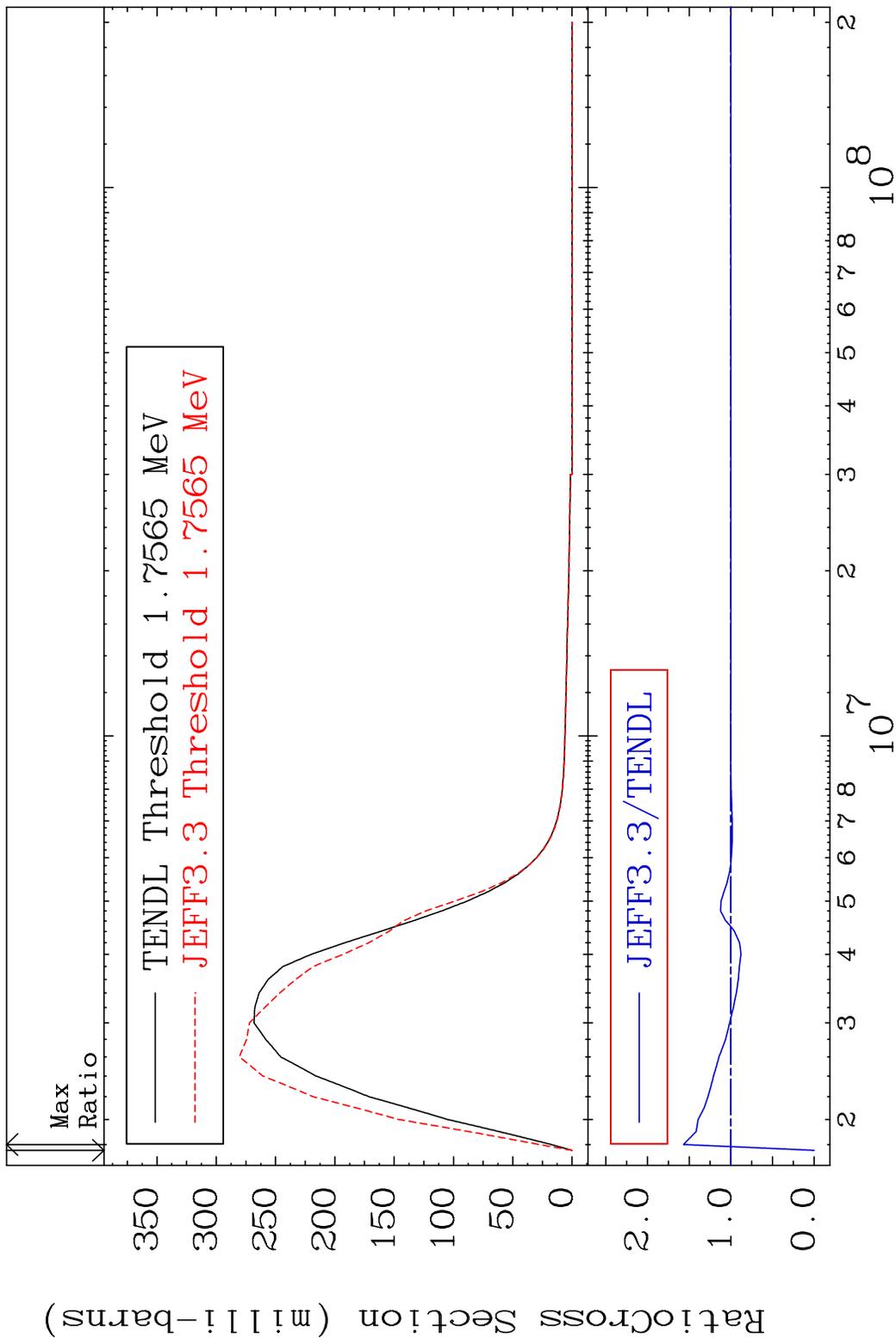


MAT 3449 MT= 53 (n, n') Level 34-Se-82
 Cross Section -9.148 To 46.71 %



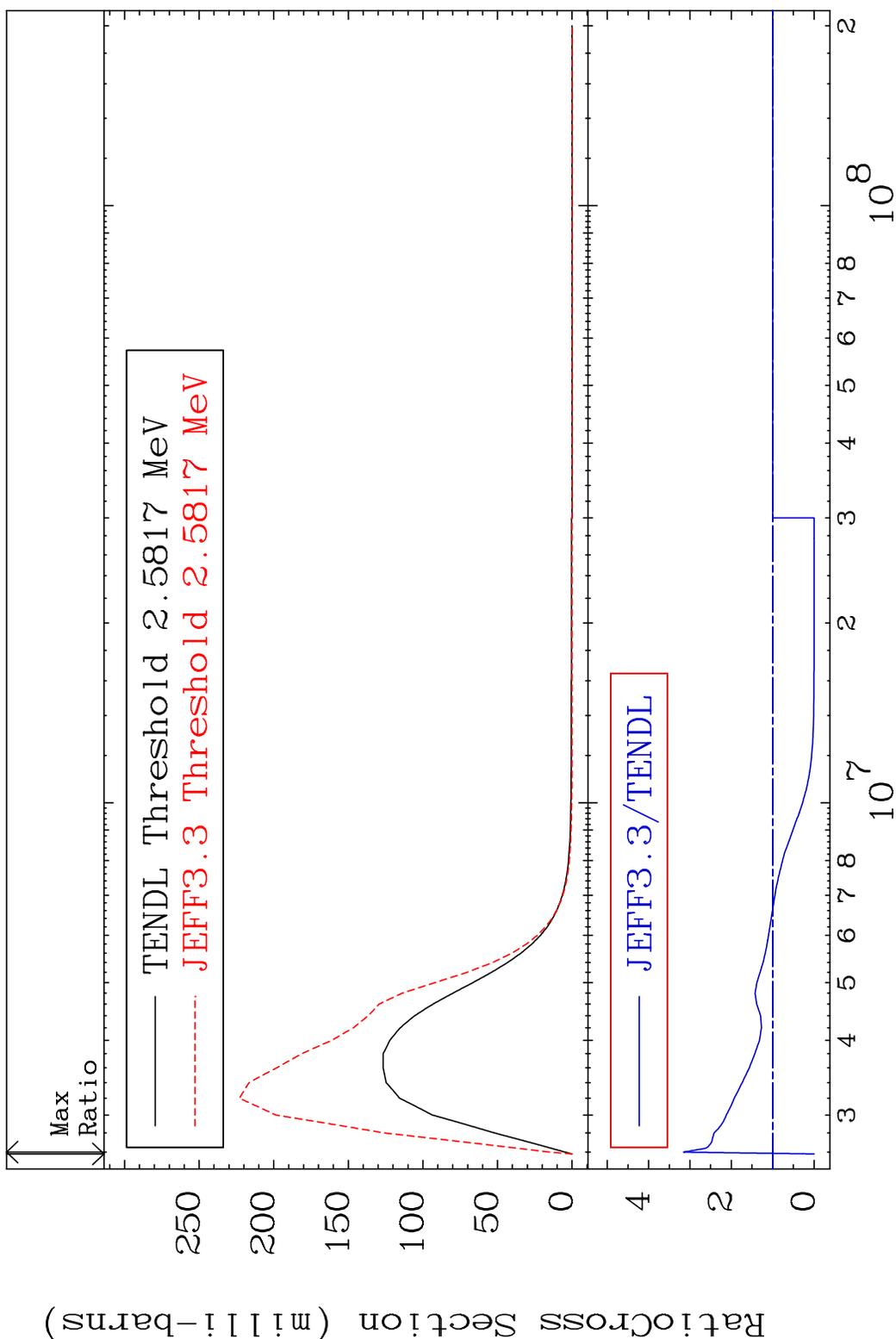
18 34-Se-82

MAT 3449 MT= 54 (n, n') Level 34-Se-82
 Cross Section -100.0 To 56.79 %

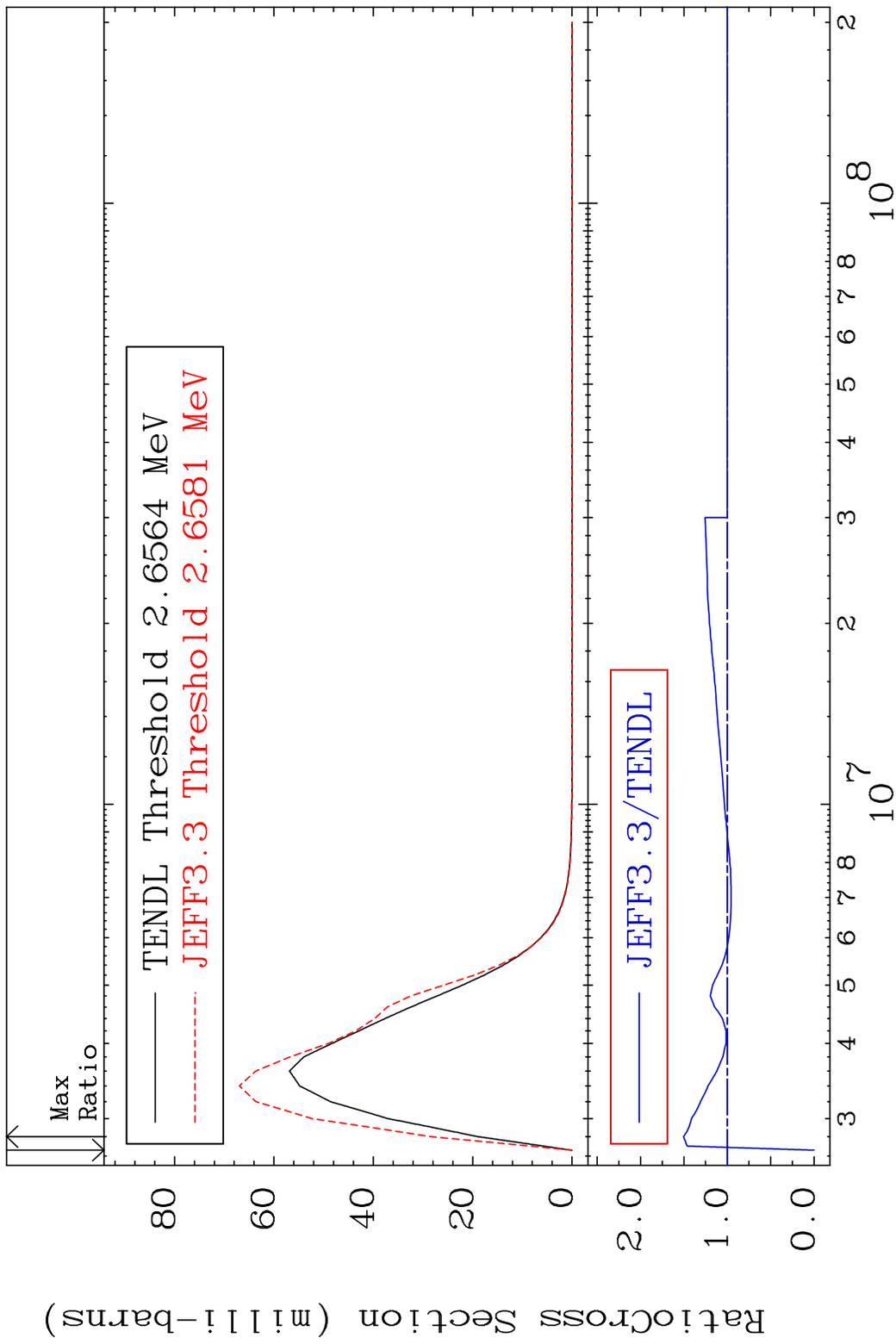


19 Incident Energy (eV) 34-Se-82

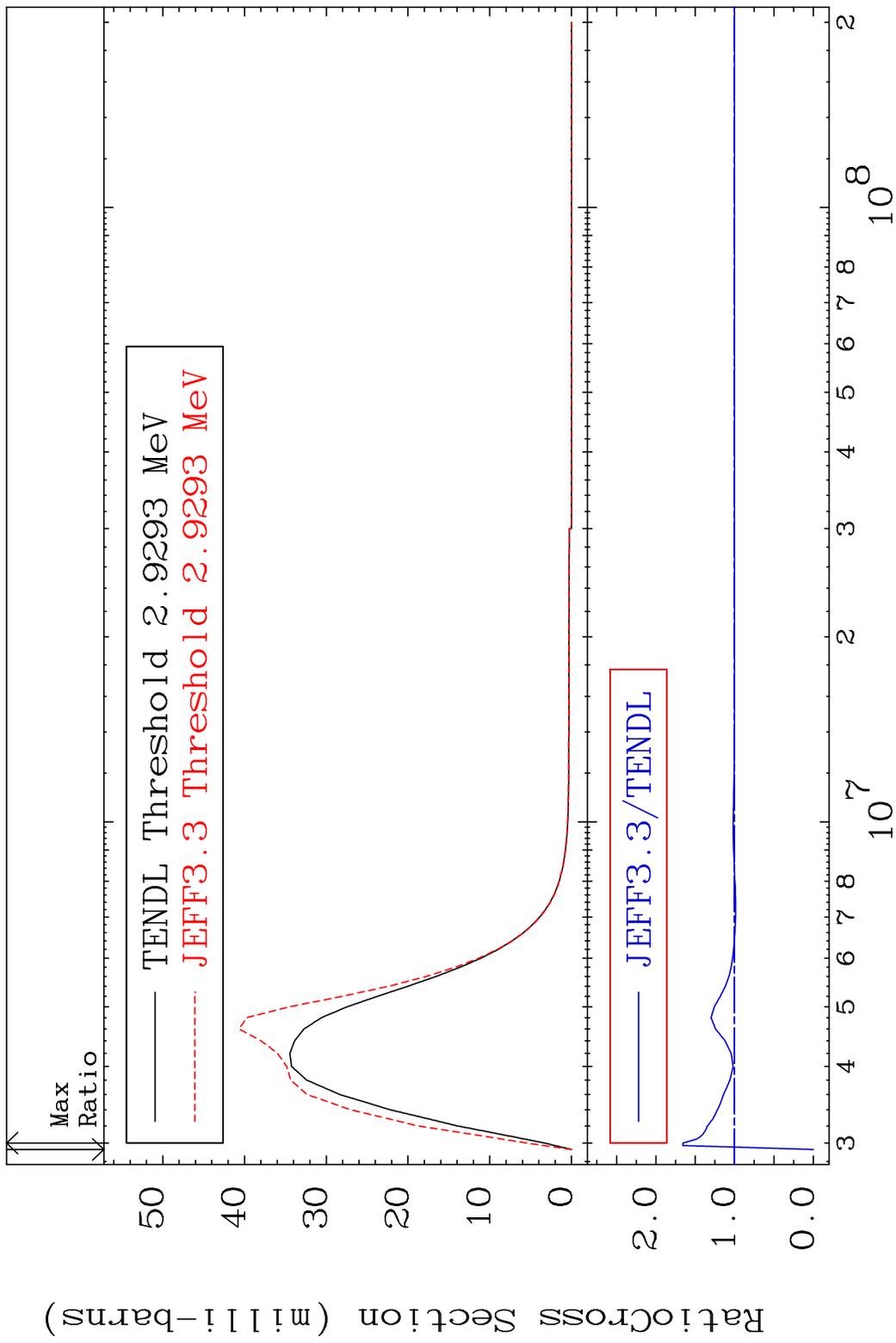
MAT 3449 MT= 55 (n, n') Level 34-Se-82
 Cross Section -100.0 To 215.6 %



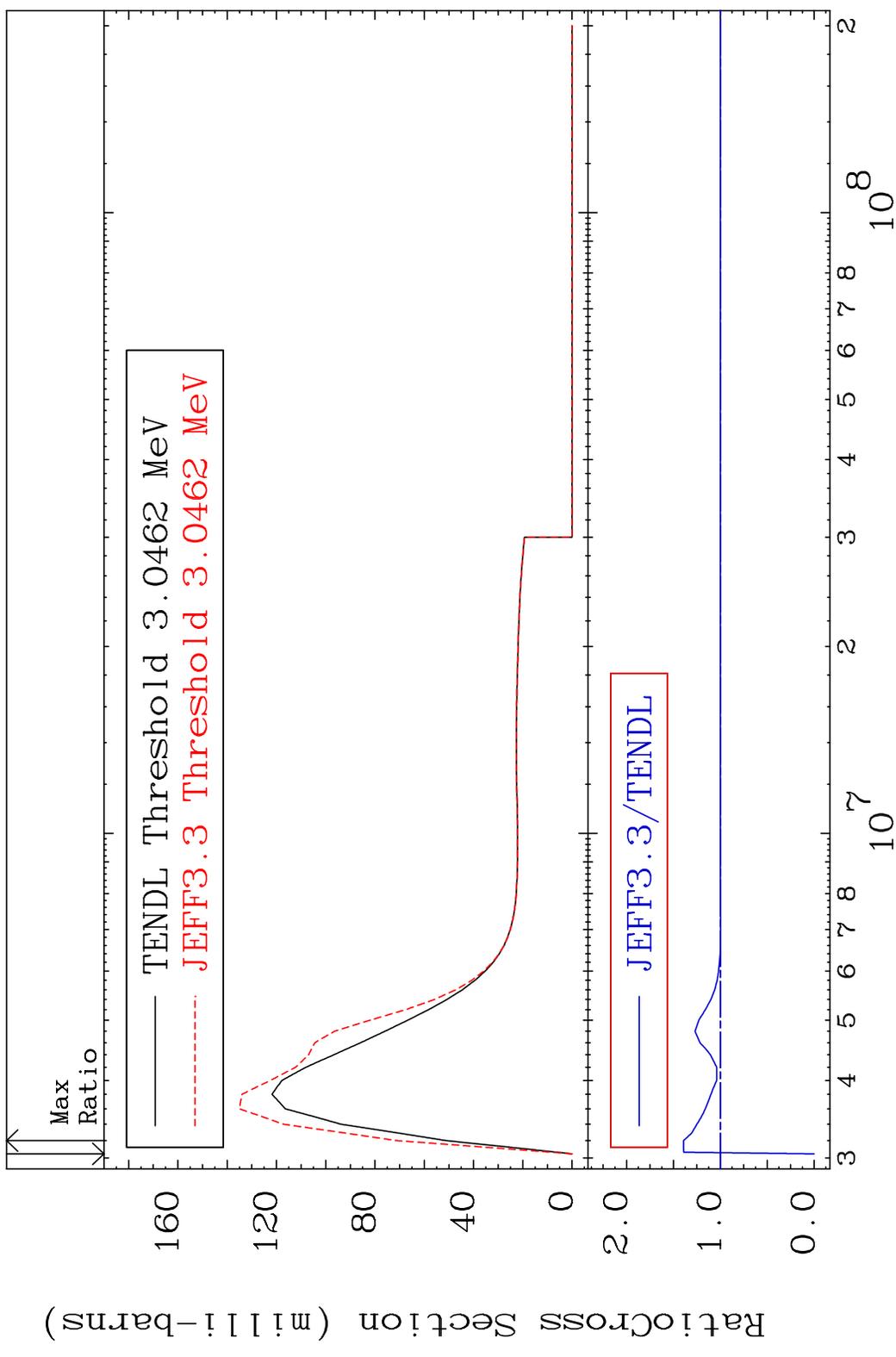
MAT 3449 MT= 56 (n, n') Level 34-Se-82
 Cross Section -100.0 To 50.46 %



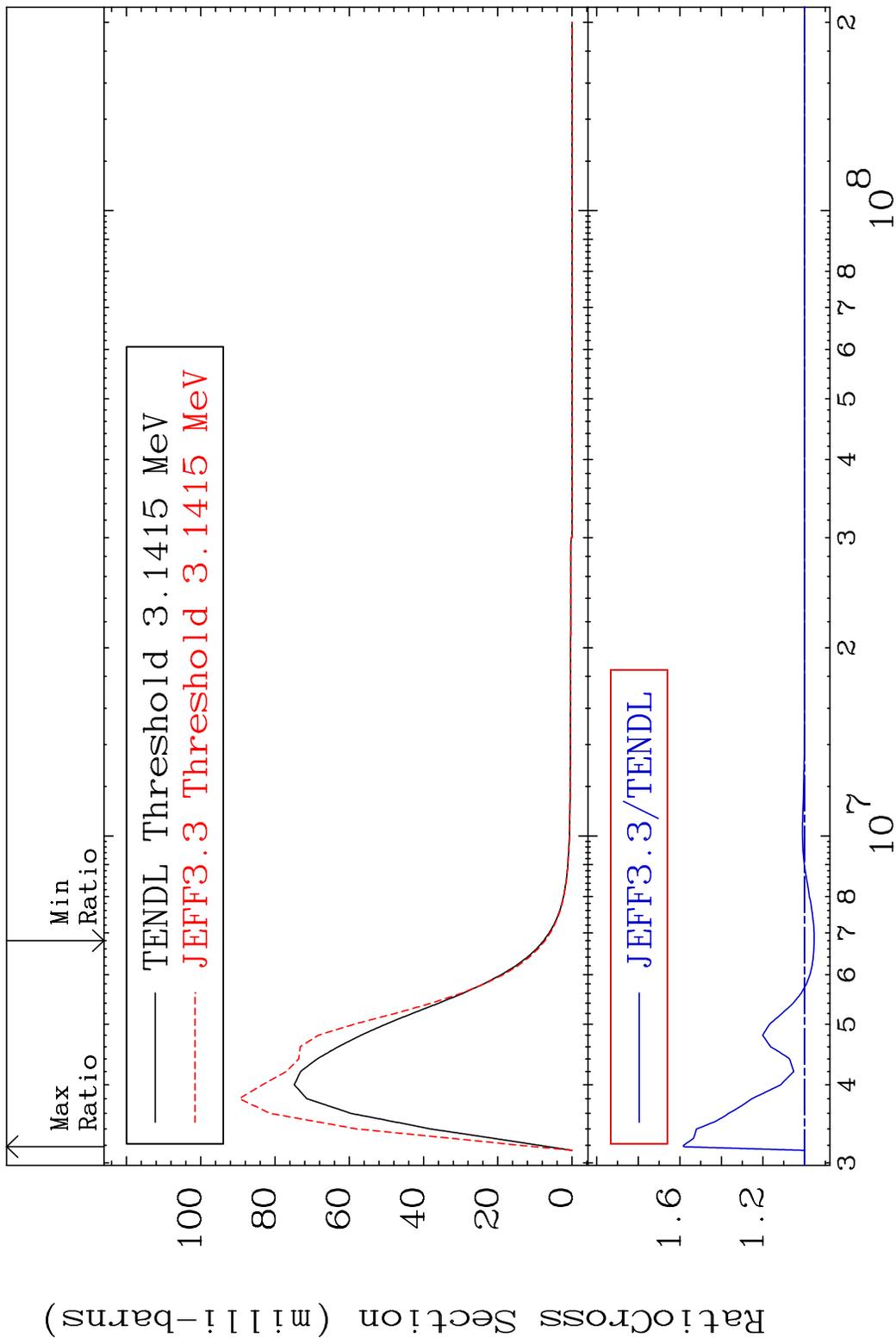
MAT 3449 MT= 57 (n, n') Level 34-Se-82
 Cross Section -100.0 To 65.73 %



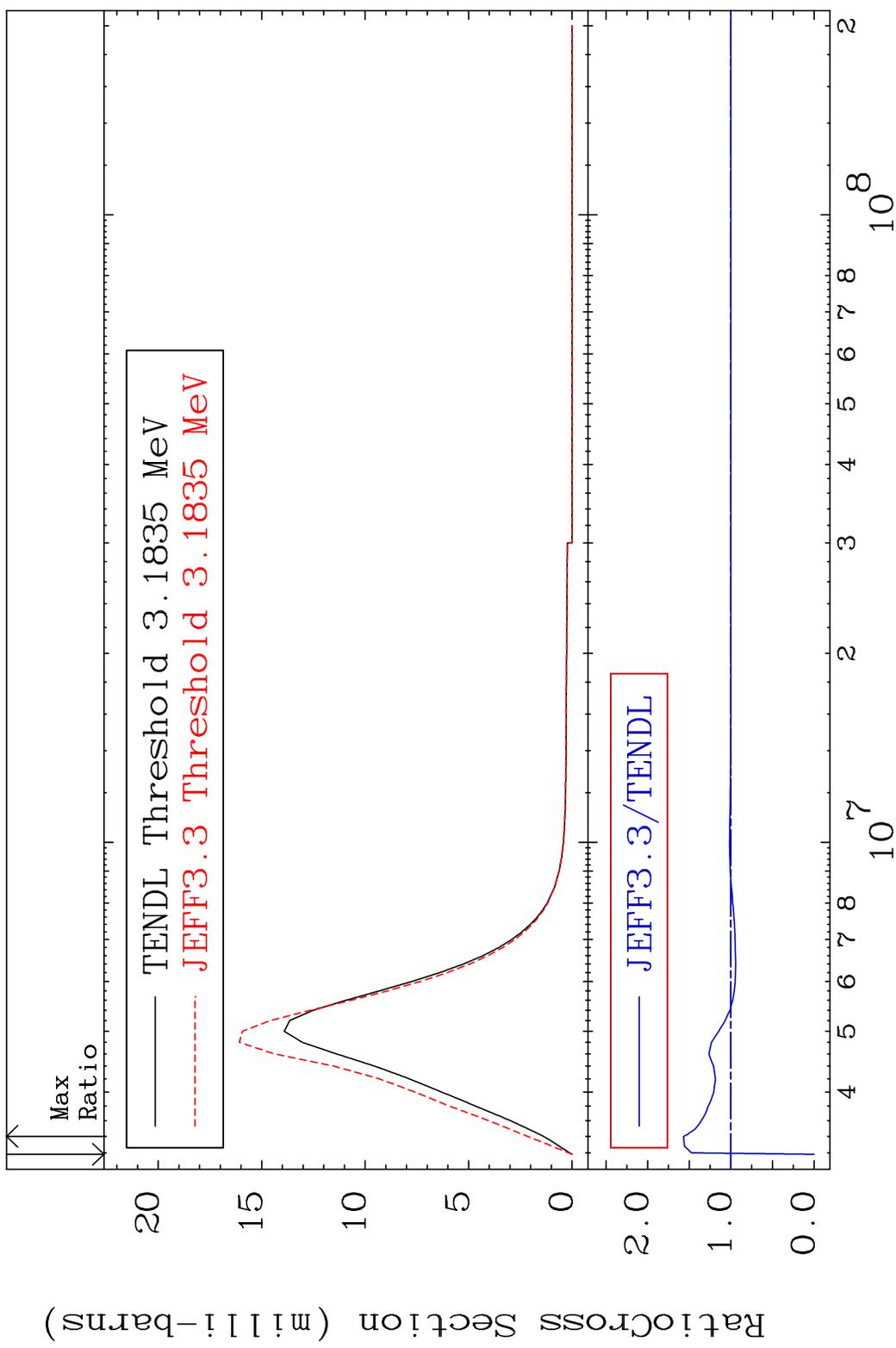
MAT 3449 MT= 58 (n, n') Level 34-Se-82
 Cross Section -100.0 To 39.27 %



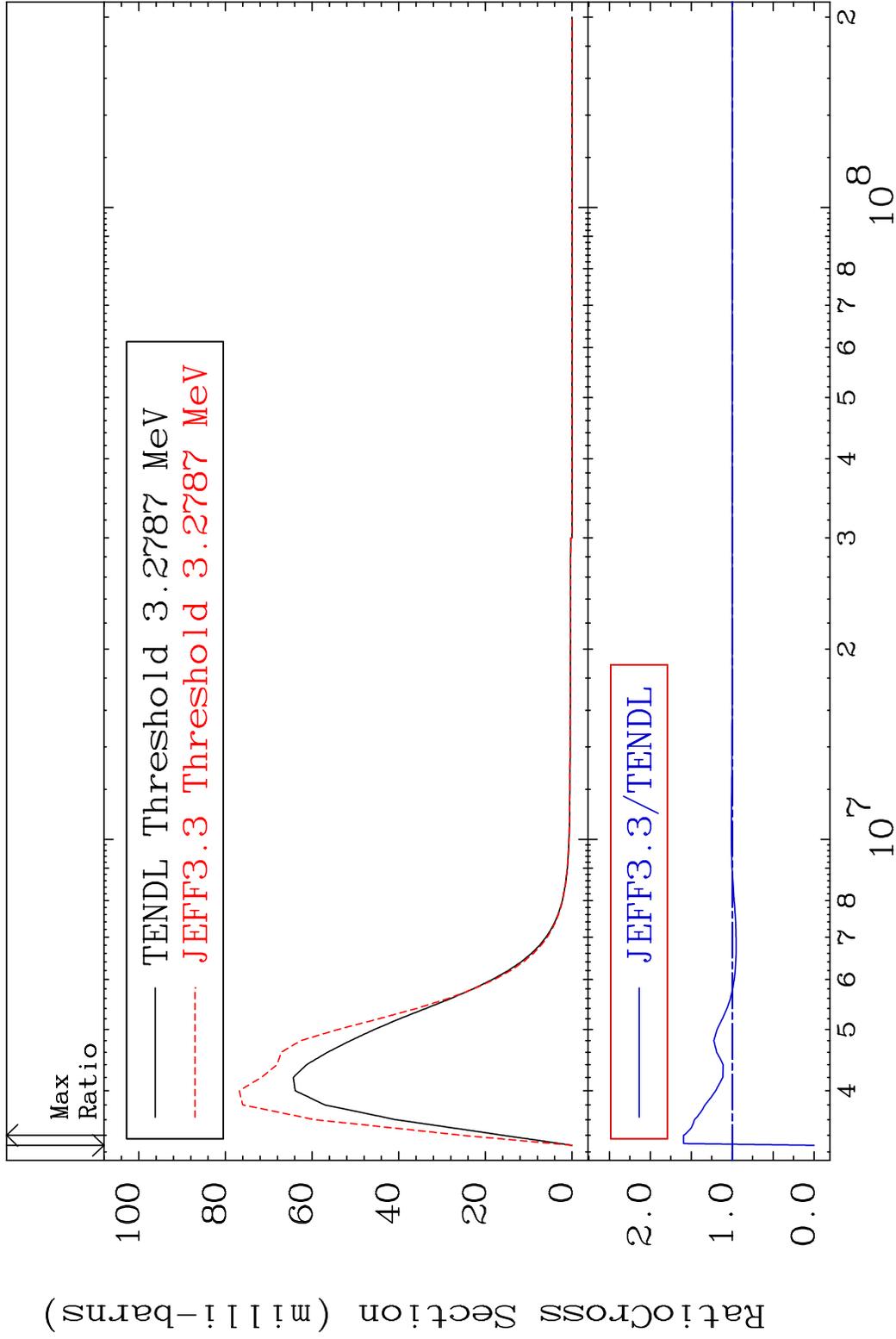
MAT 3449 MT= 59 (n, n') Level 34-Se-82
 Cross Section -4.568 To 58.24 %



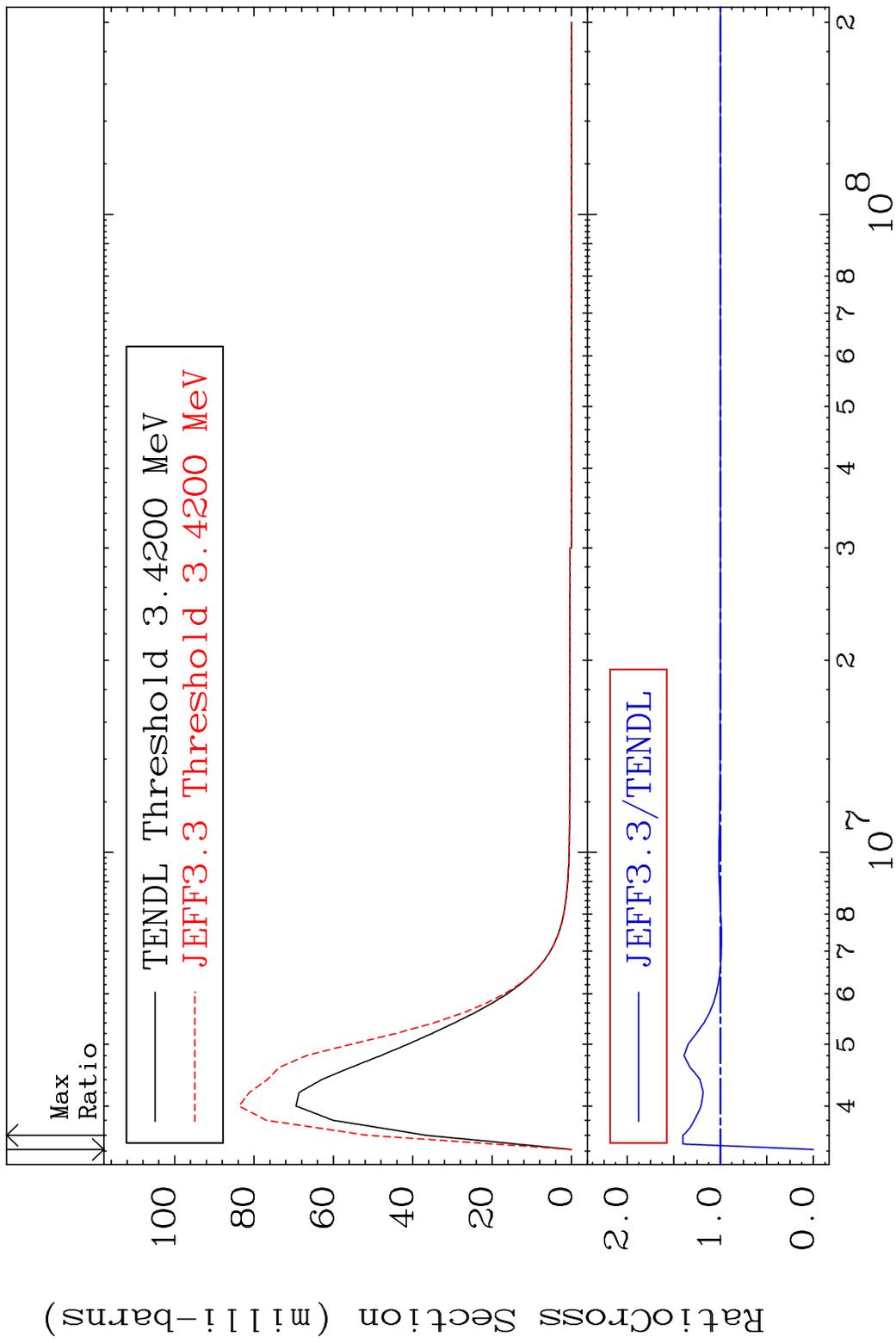
MAT 3449 MT= 60 (n, n') Level 34-Se-82
 Cross Section -100.0 To 56.83 %



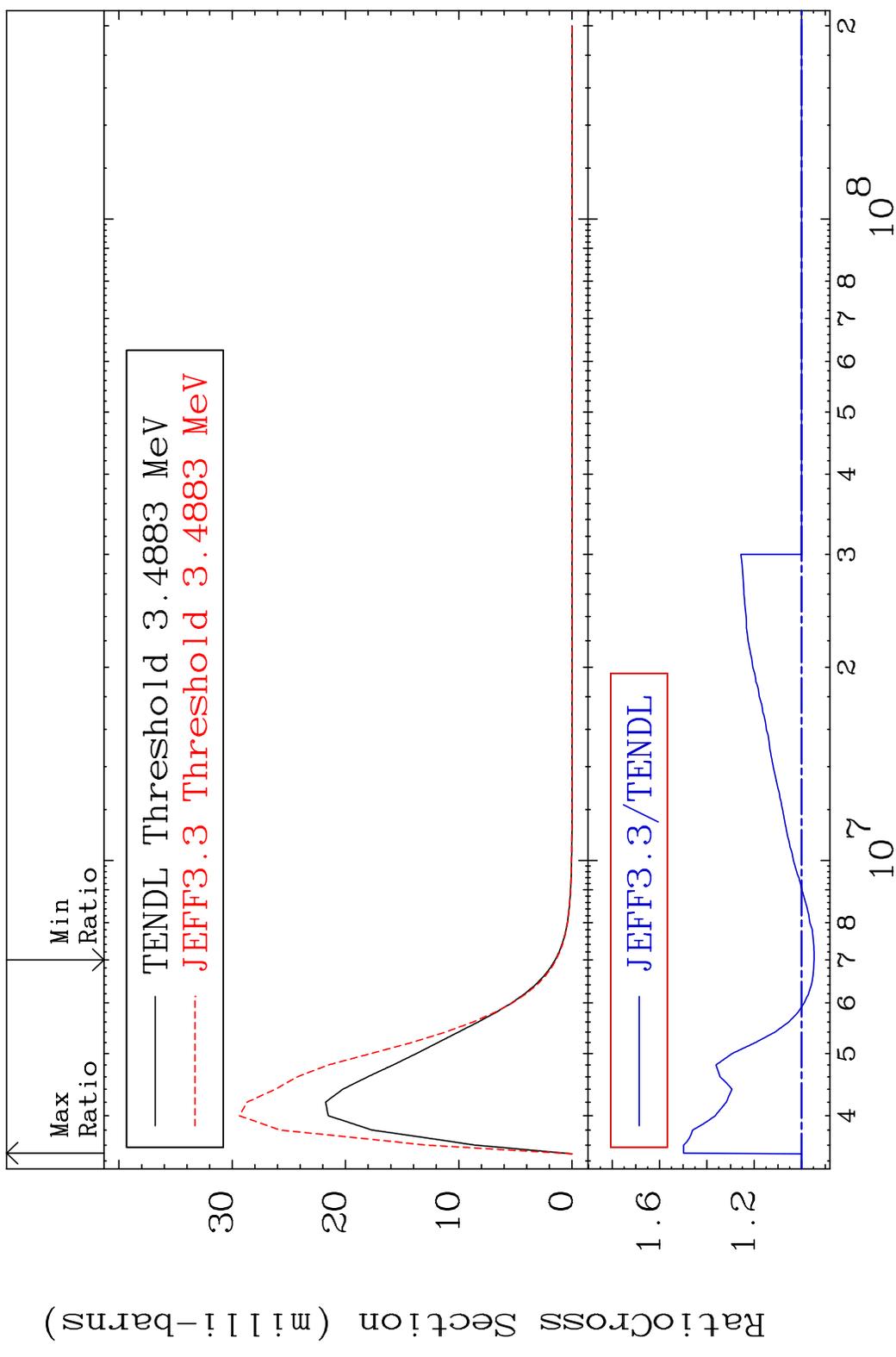
MAT 3449 MT= 61 (n, n') Level 34-Se-82
 Cross Section -100.0 To 59.45 %



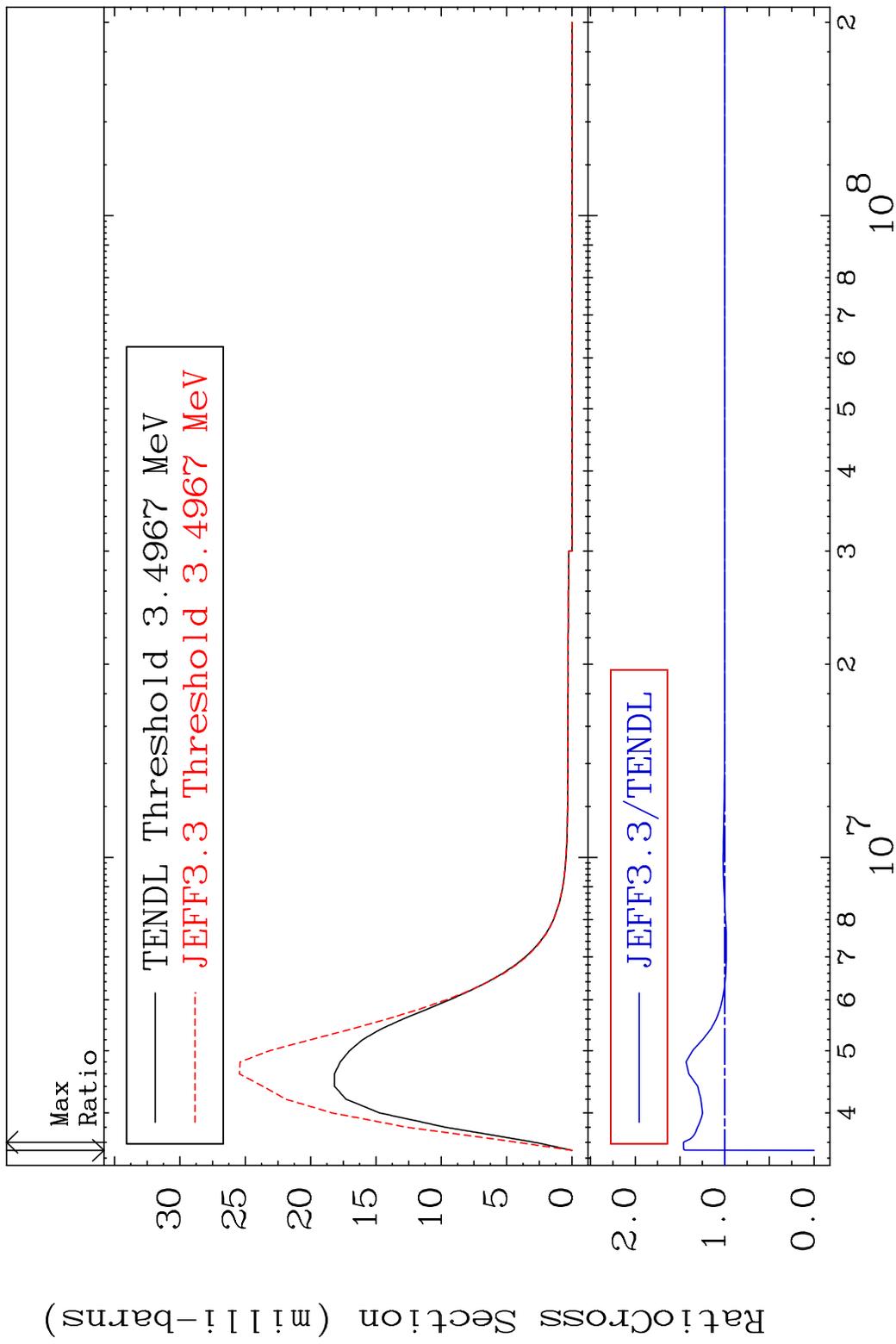
MAT 3449 MT= 62 (n, n') Level ³⁴Se-82
 Cross Section -100.0 To 40.21 %



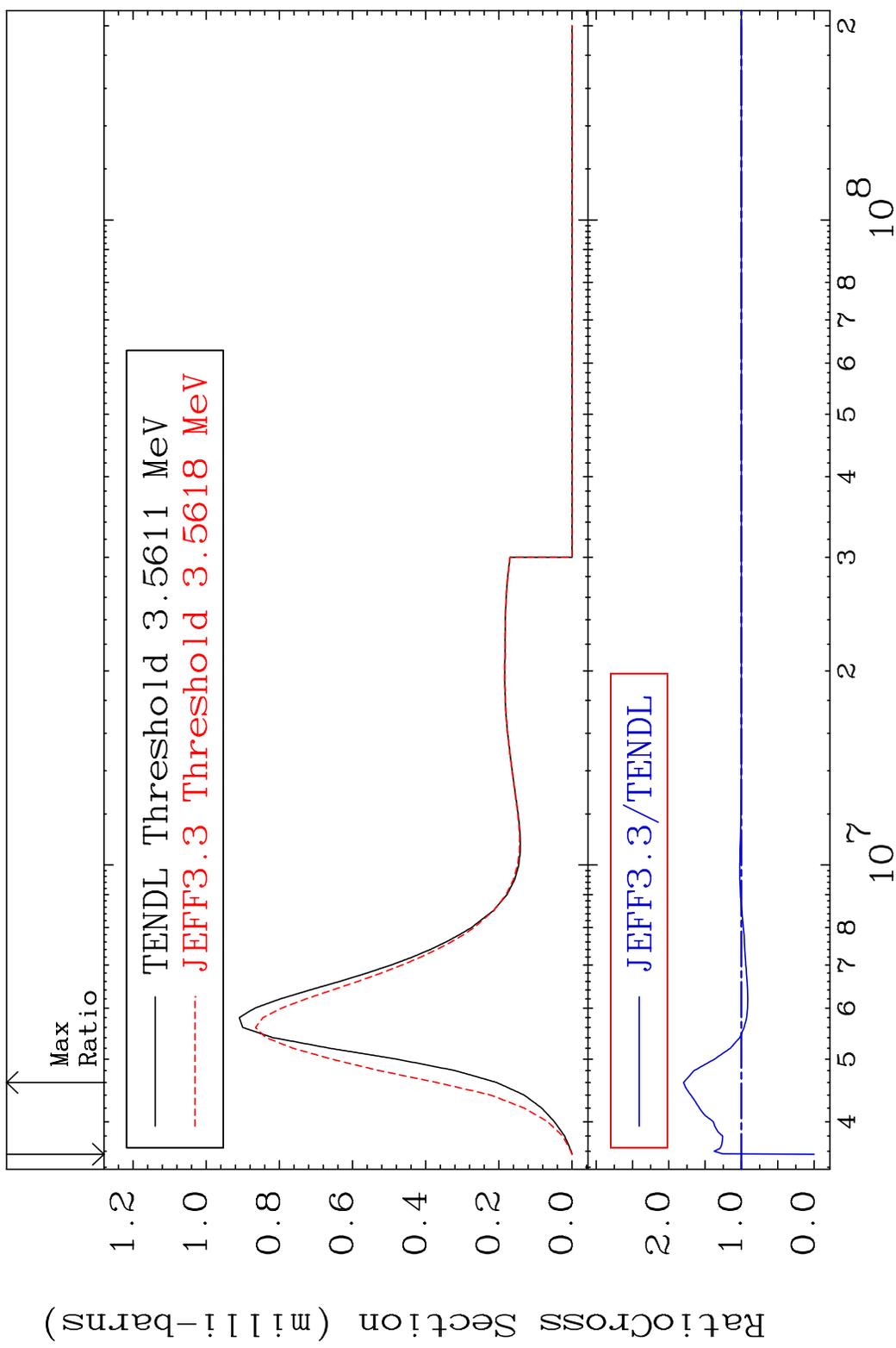
MAT 3449 MT= 63 (n, n') Level 34-Se-82
 Cross Section -5.279 To 49.87 %



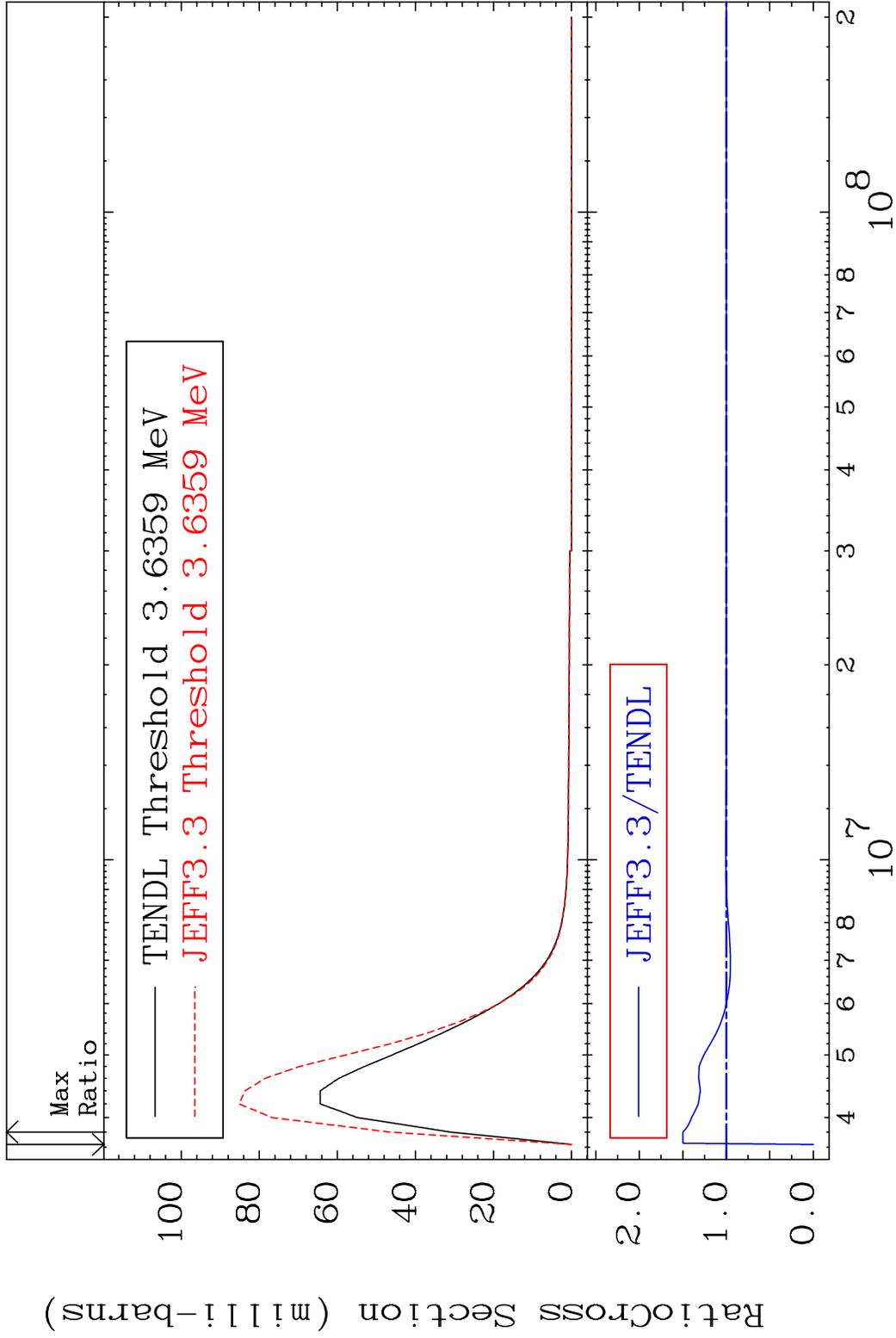
MAT 3449 MT= 64 (n, n') Level 34-Se-82
 Cross Section -100.0 To 46.01 %



MAT 3449 MT= 65 (n, n') Level 34-Se-82
 Cross Section -100.0 To 79.71 %

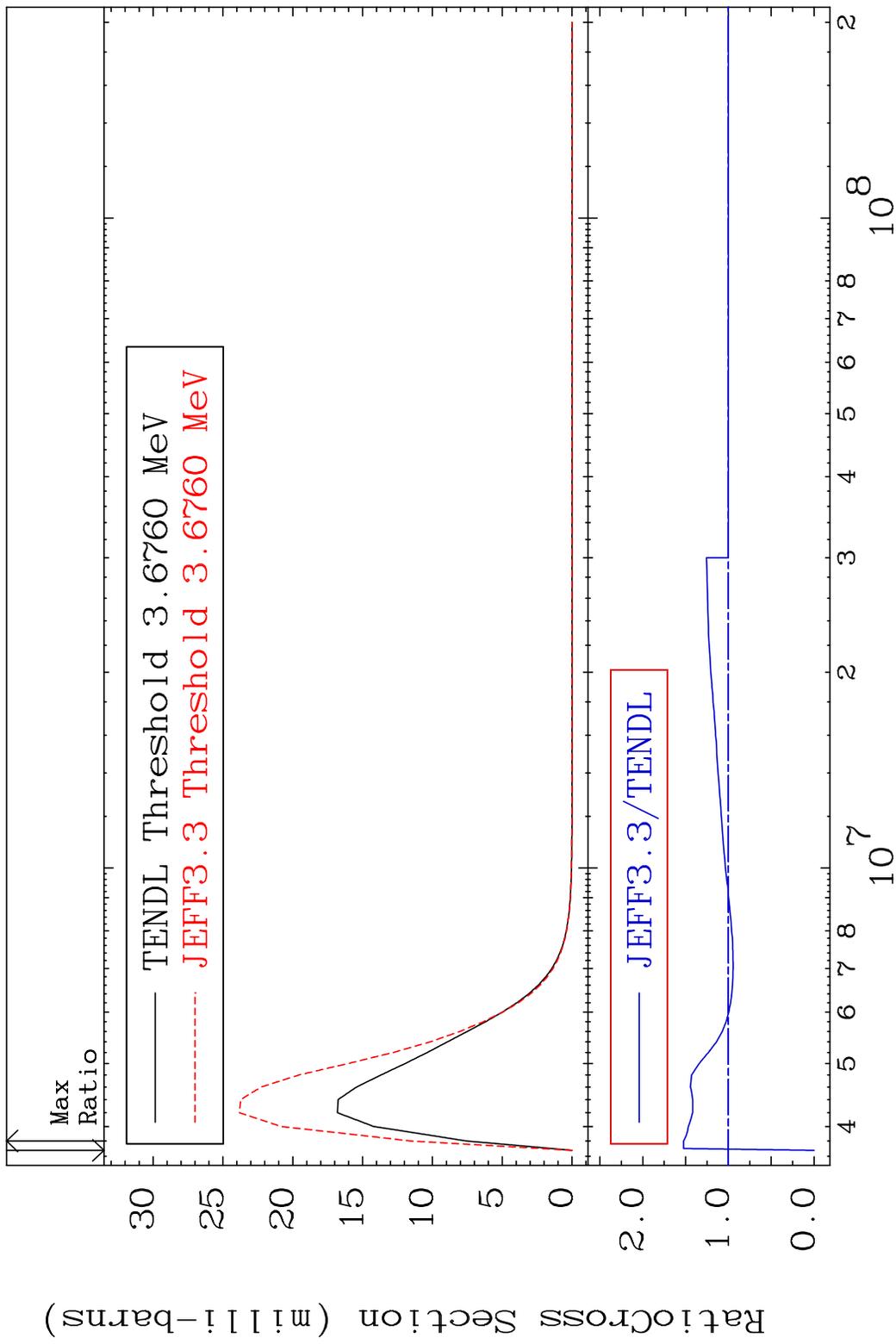


MAT 3449 MT= 66 (n, n') Level 34-Se-82
 Cross Section -100.0 To 49.94 %



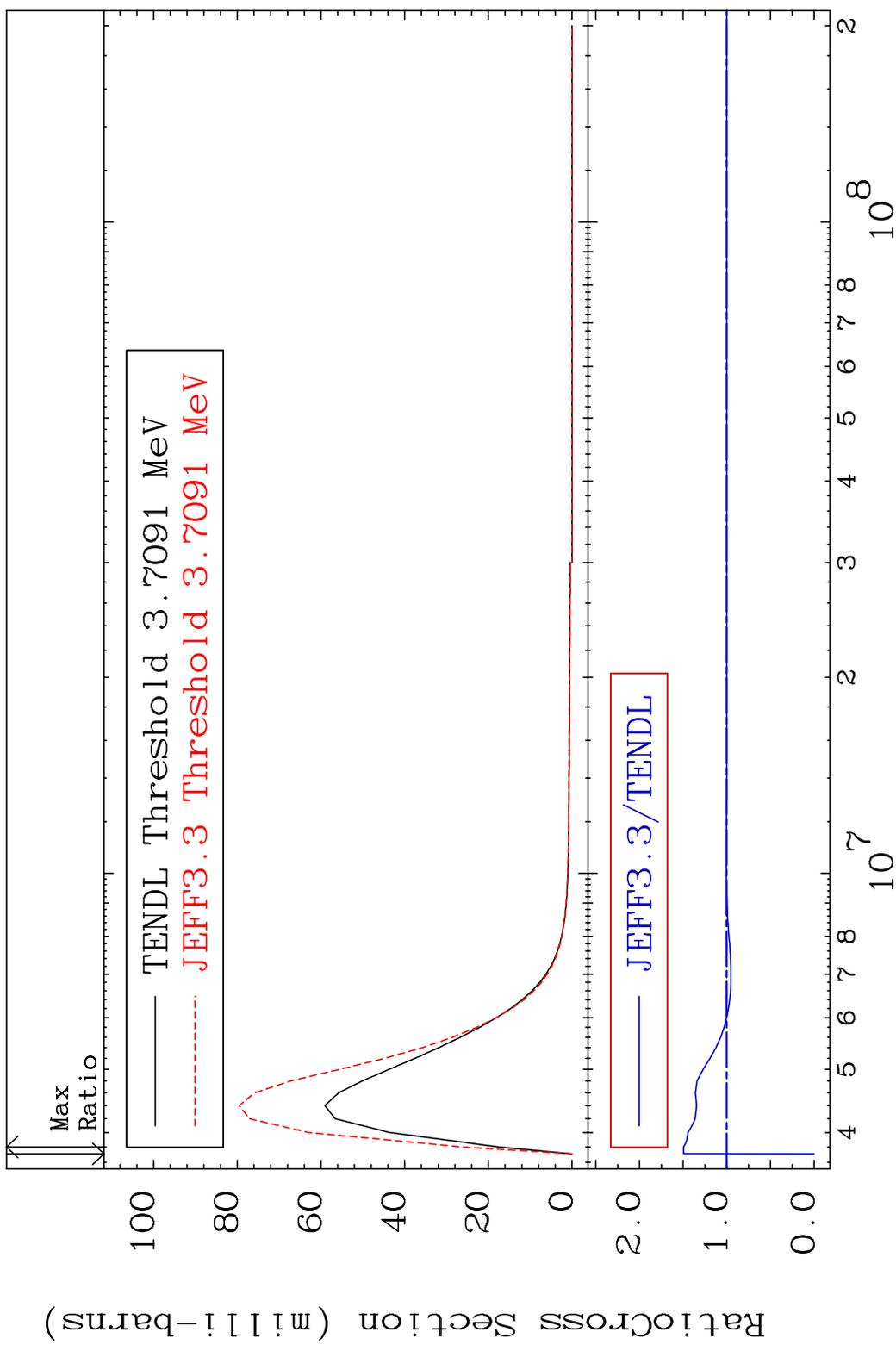
31 Incident Energy (eV) 34-Se-82

MAT 3449 MT= 67 (n, n') Level 34-Se-82
 Cross Section -100.0 To 52.41 %

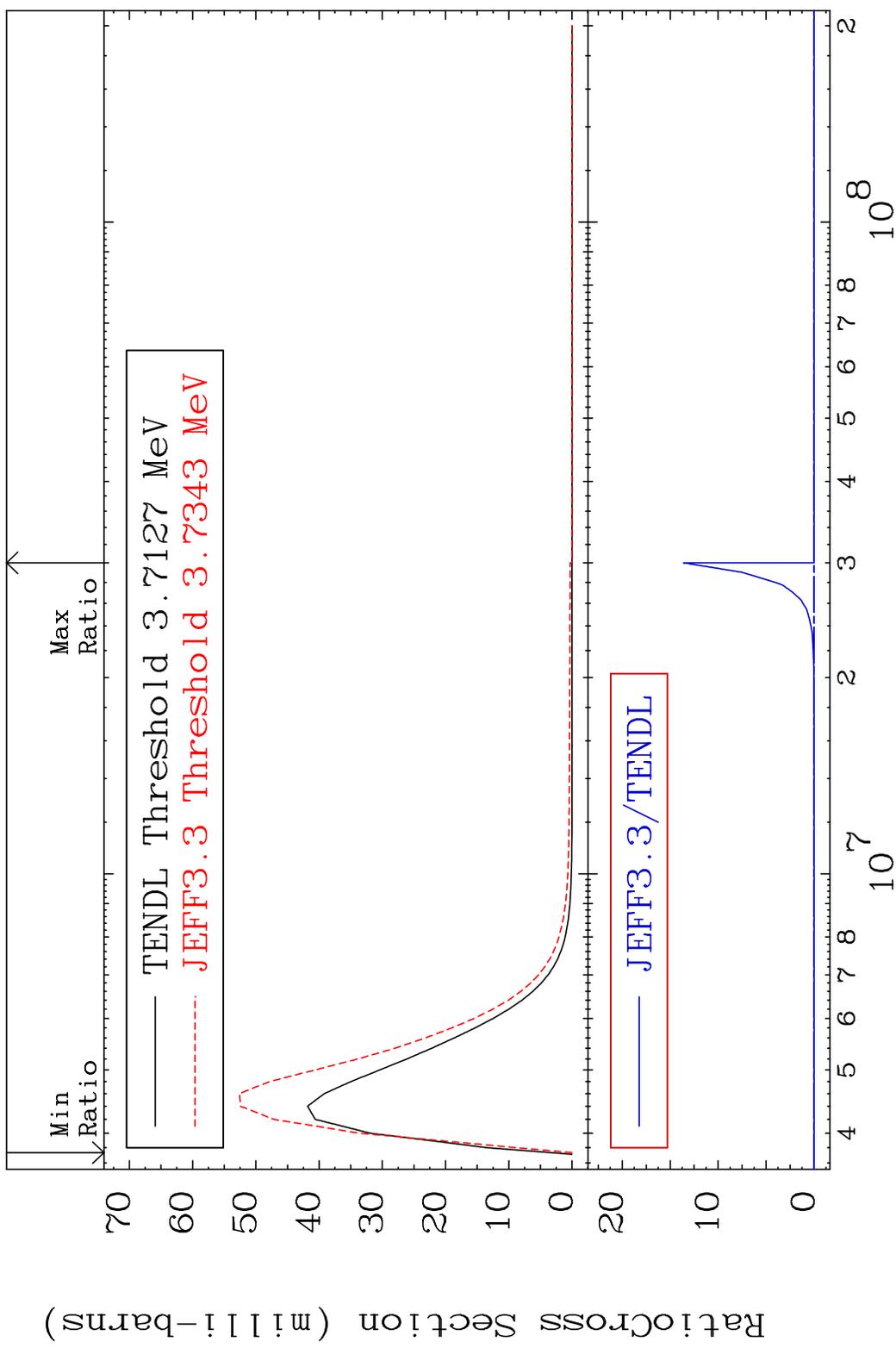


32 34-Se-82

MAT 3449 MT= 68 (n, n') Level 34-Se-82
 Cross Section -100.0 To 49.55 %

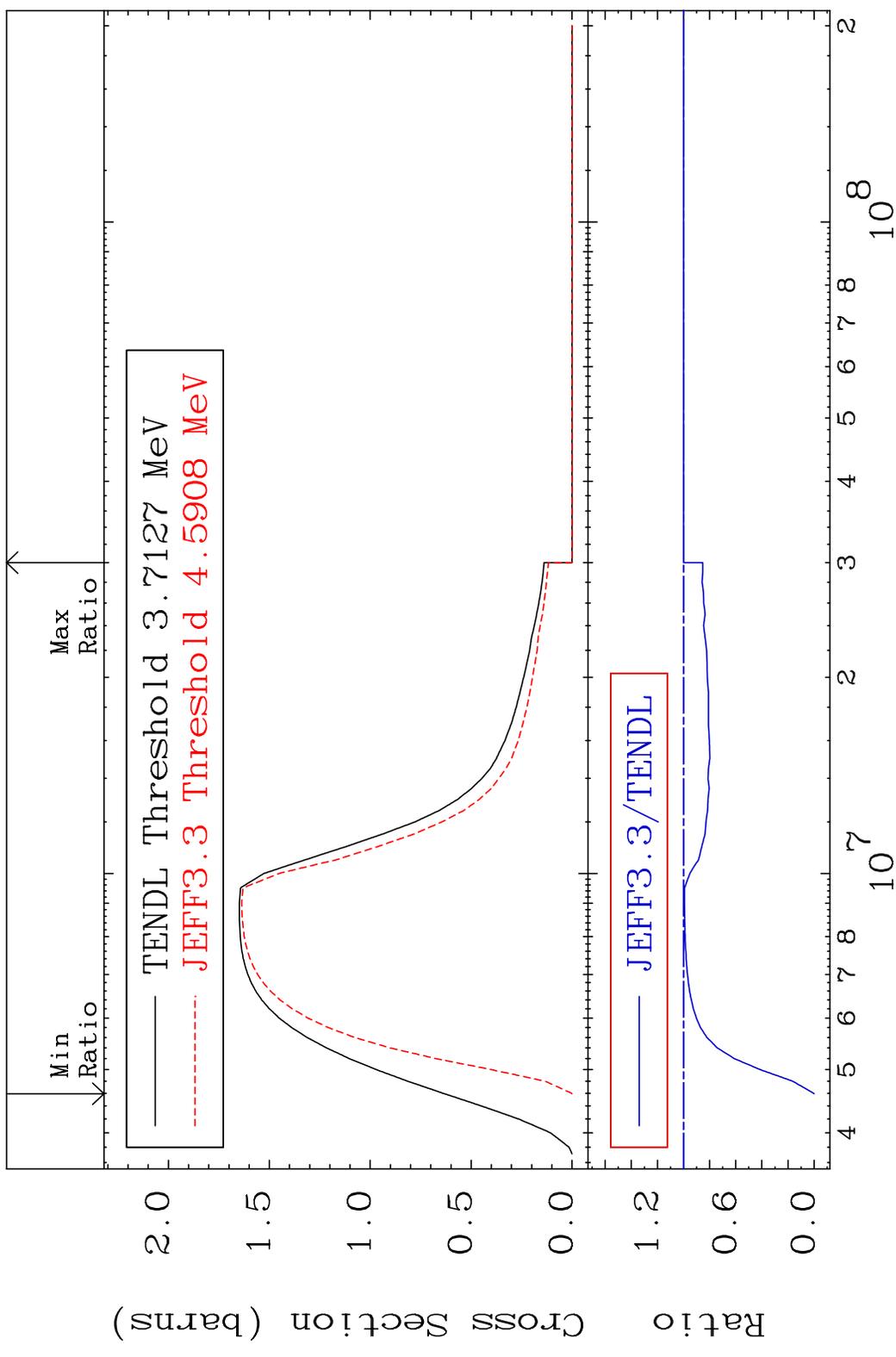


MAT 3449 MT= 69 (n, n') Level 34-Se-82
 Cross Section -100.0 To 9999. %



34 Incident Energy (eV) 34-Se-82

MAT 3449 (n, n') Continuum 34-Se-82
 Cross Section -100.0 To 0.000 %



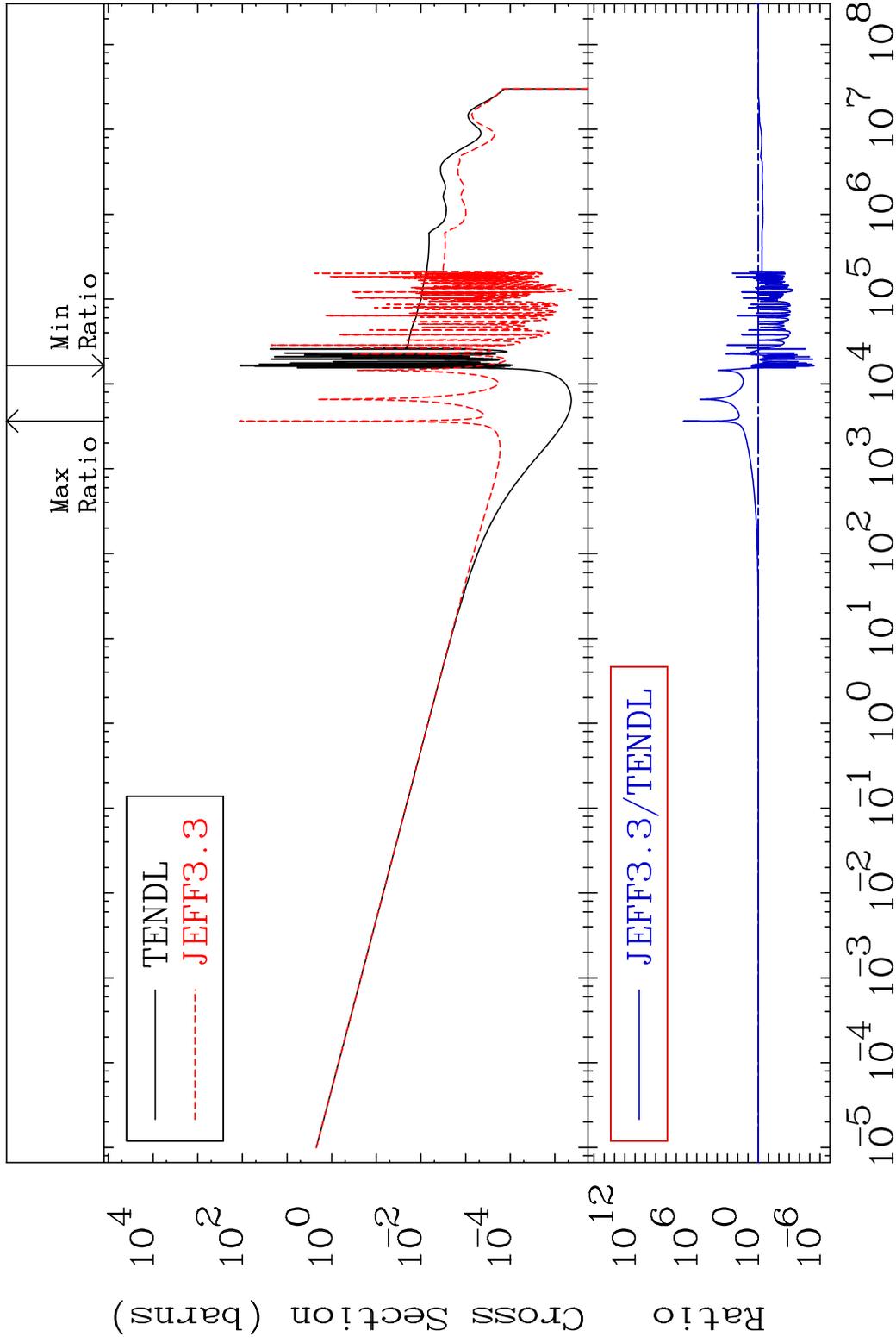
35 Incident Energy (eV) 34-Se-82

MAT 3449

(n, γ)

34-Se-82

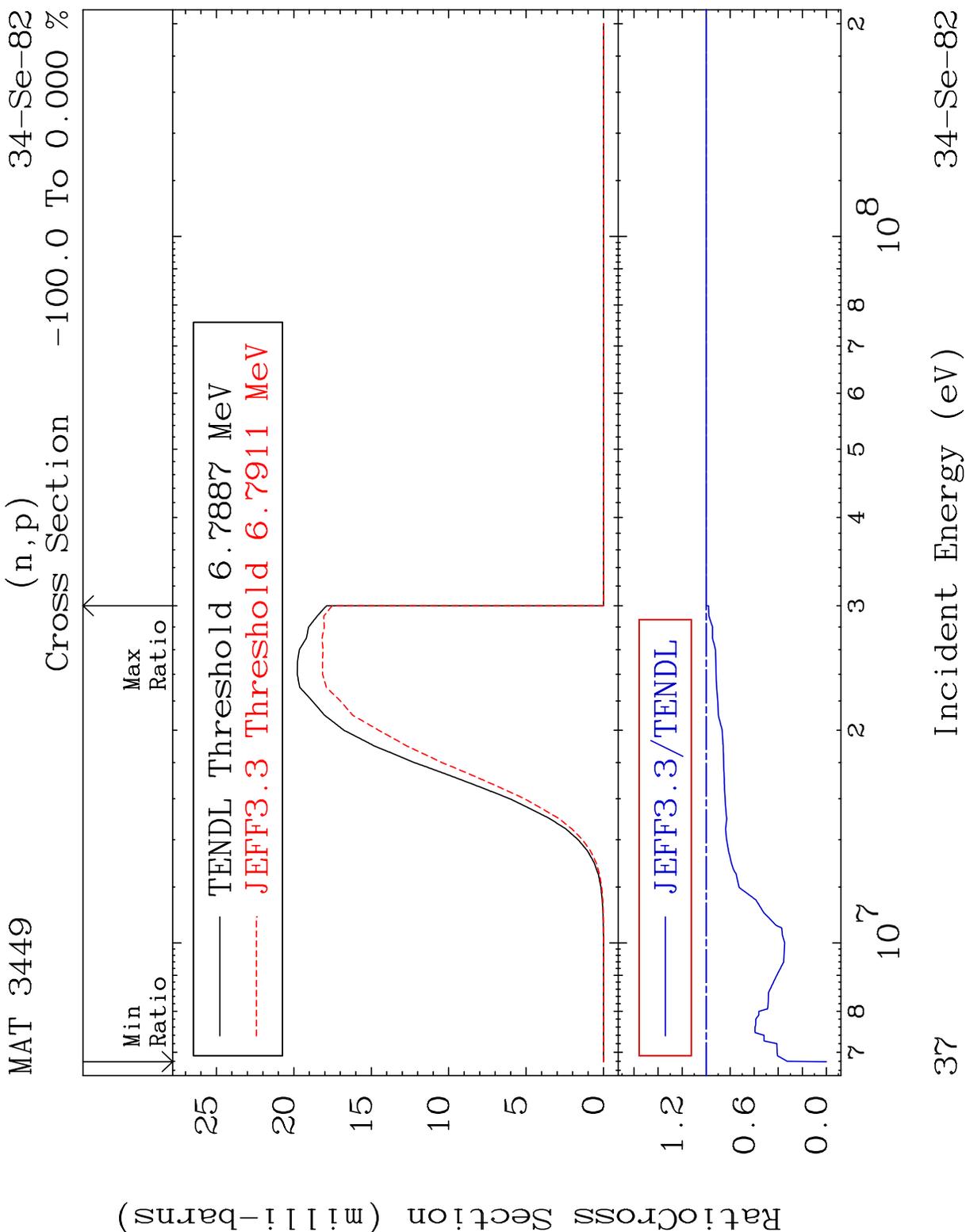
Cross Section -100.0 To 9999. %



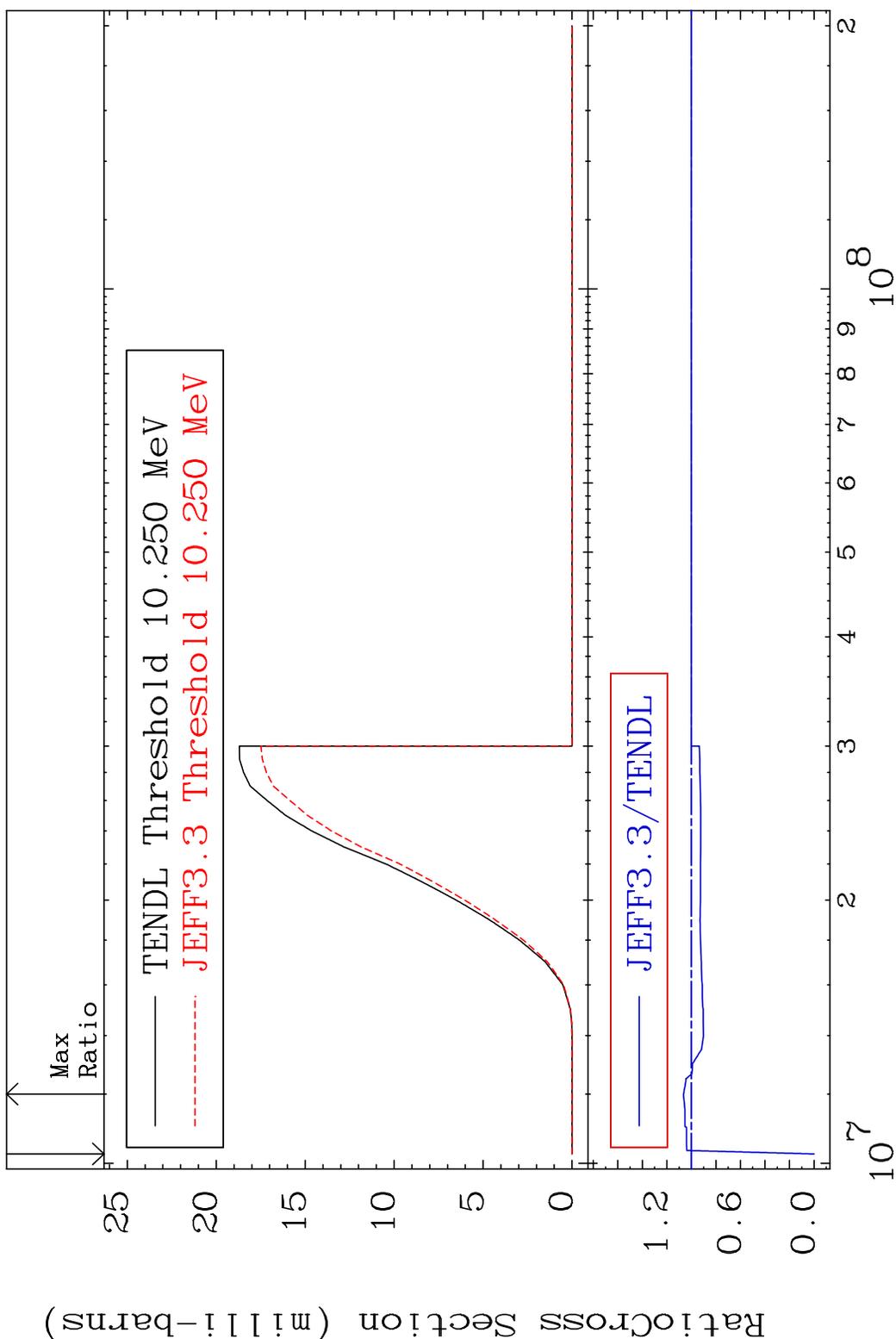
36

Incident Energy (eV)

34-Se-82

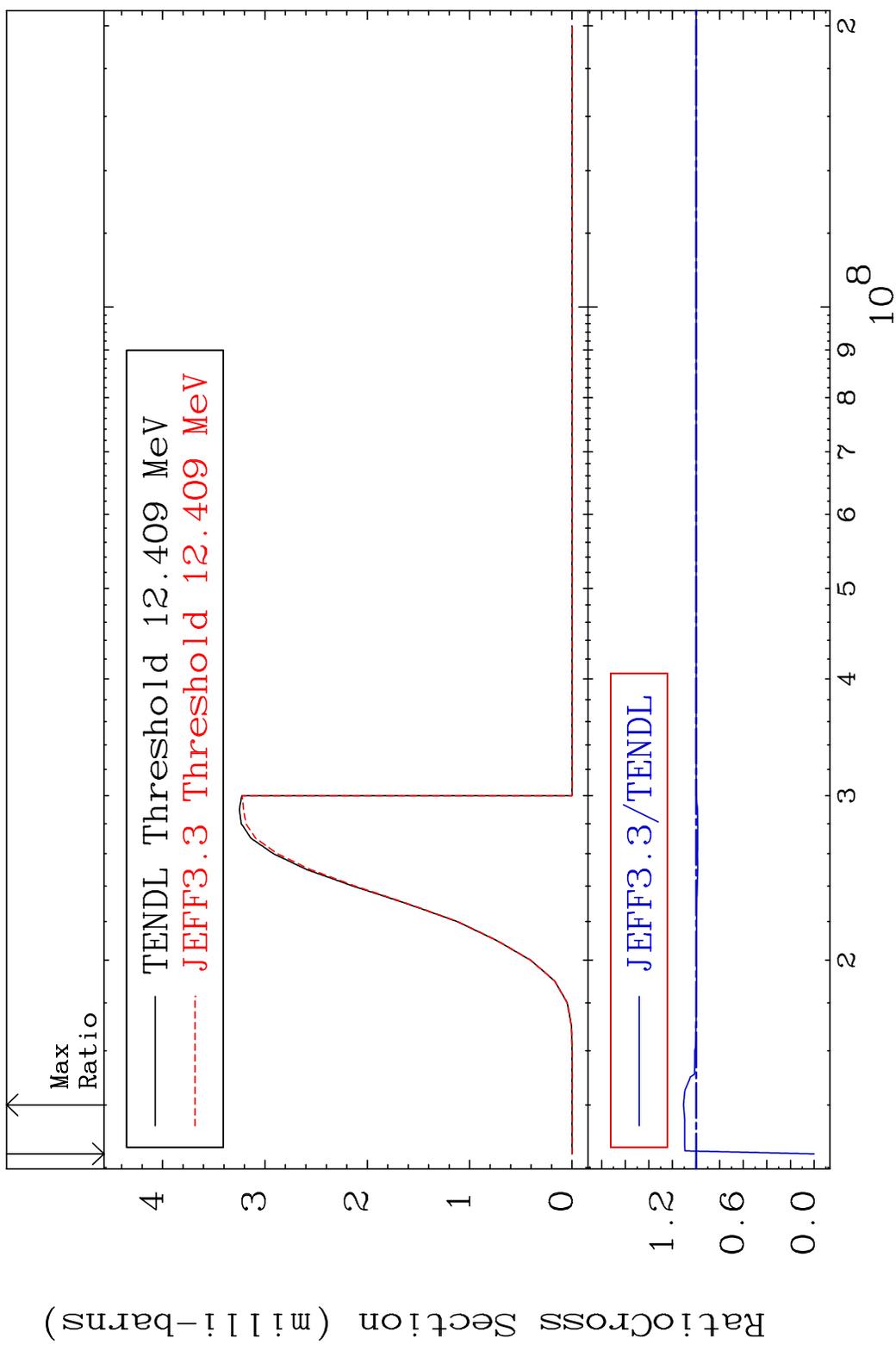


MAT 3449 (n, d) 34-Se-82
 Cross Section -100.0 To 6.404 %

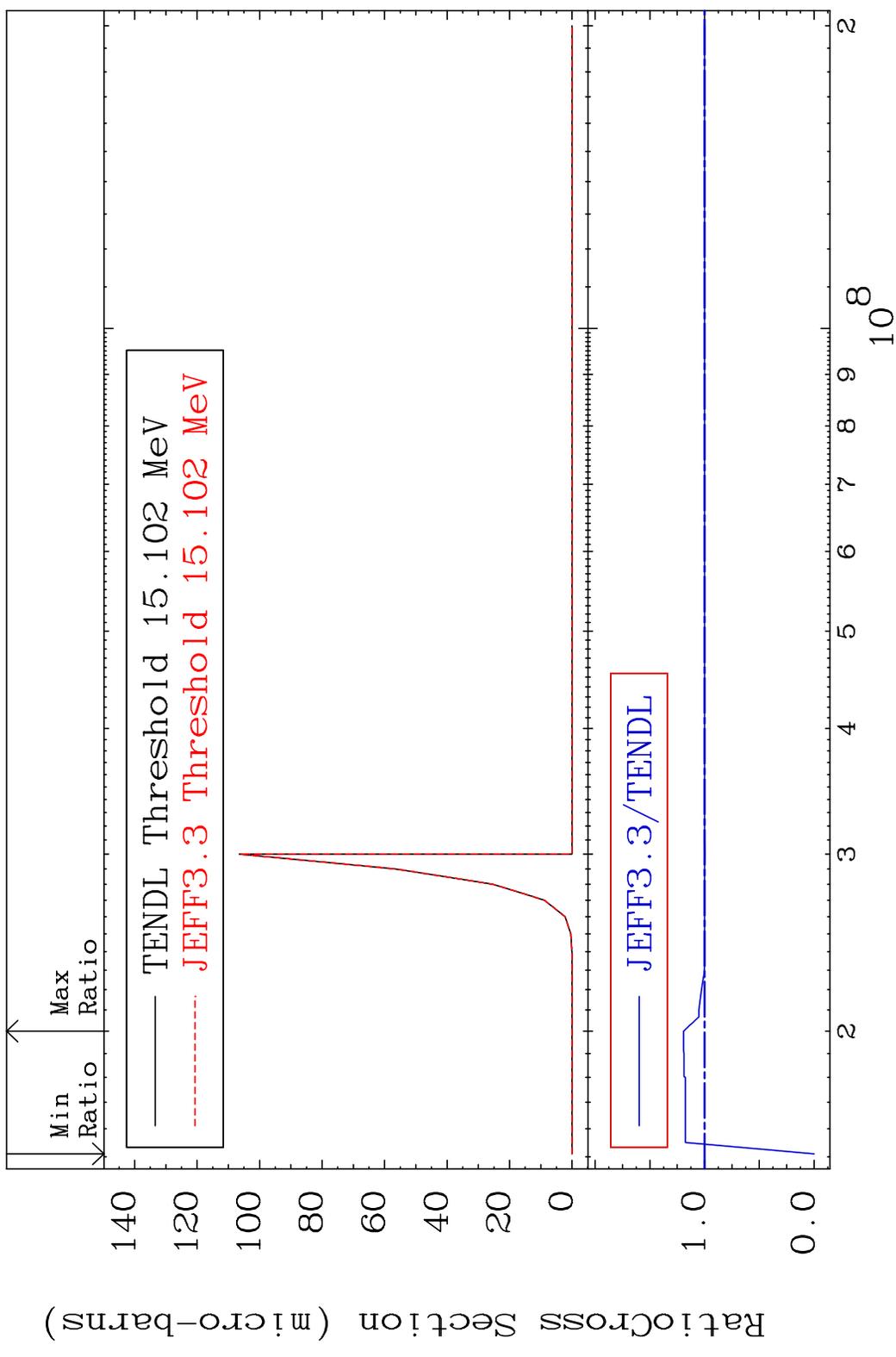


38 34-Se-82

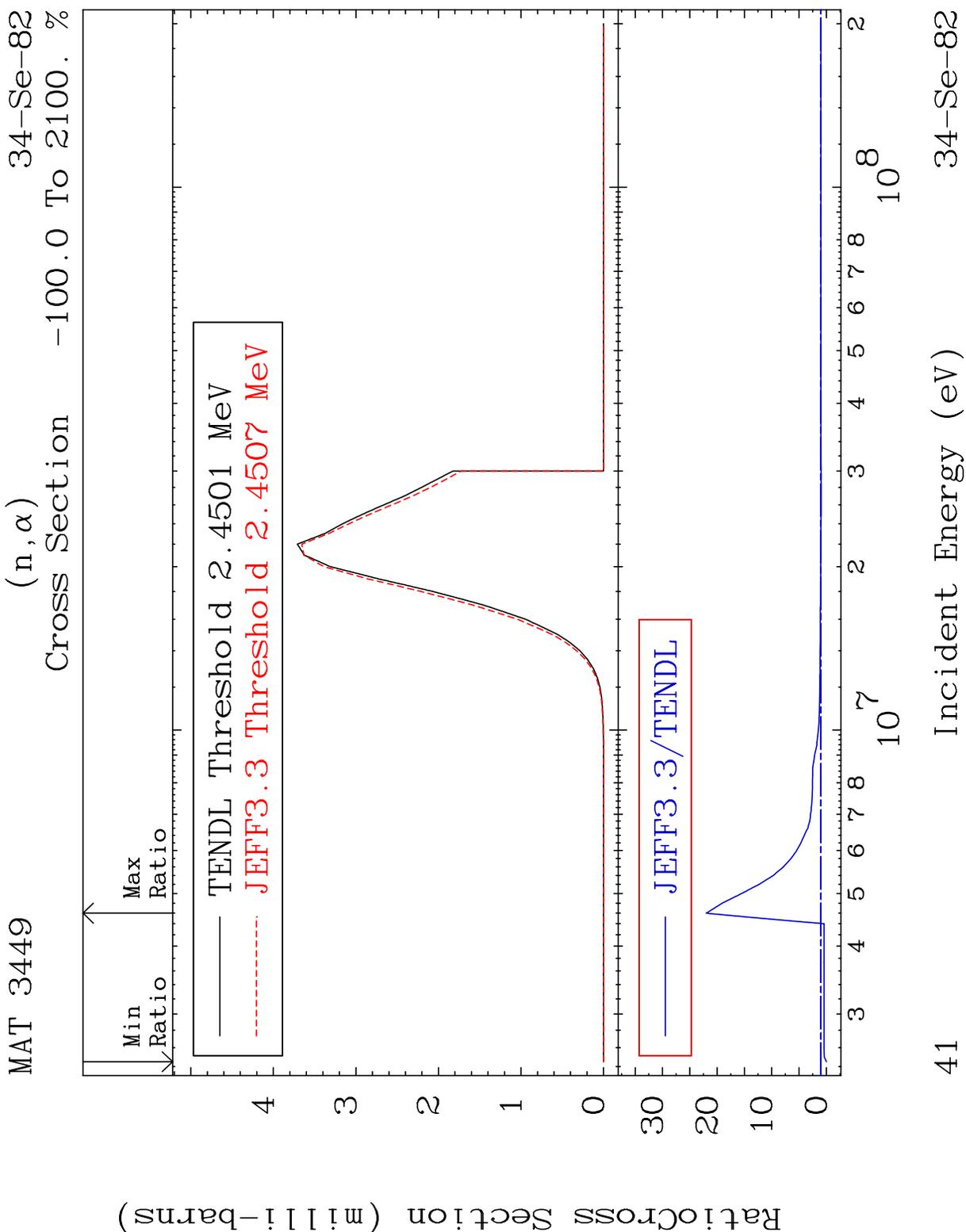
MAT 3449 (n, t) ³⁴Se-82
 Cross Section -100.0 To 10.63 %



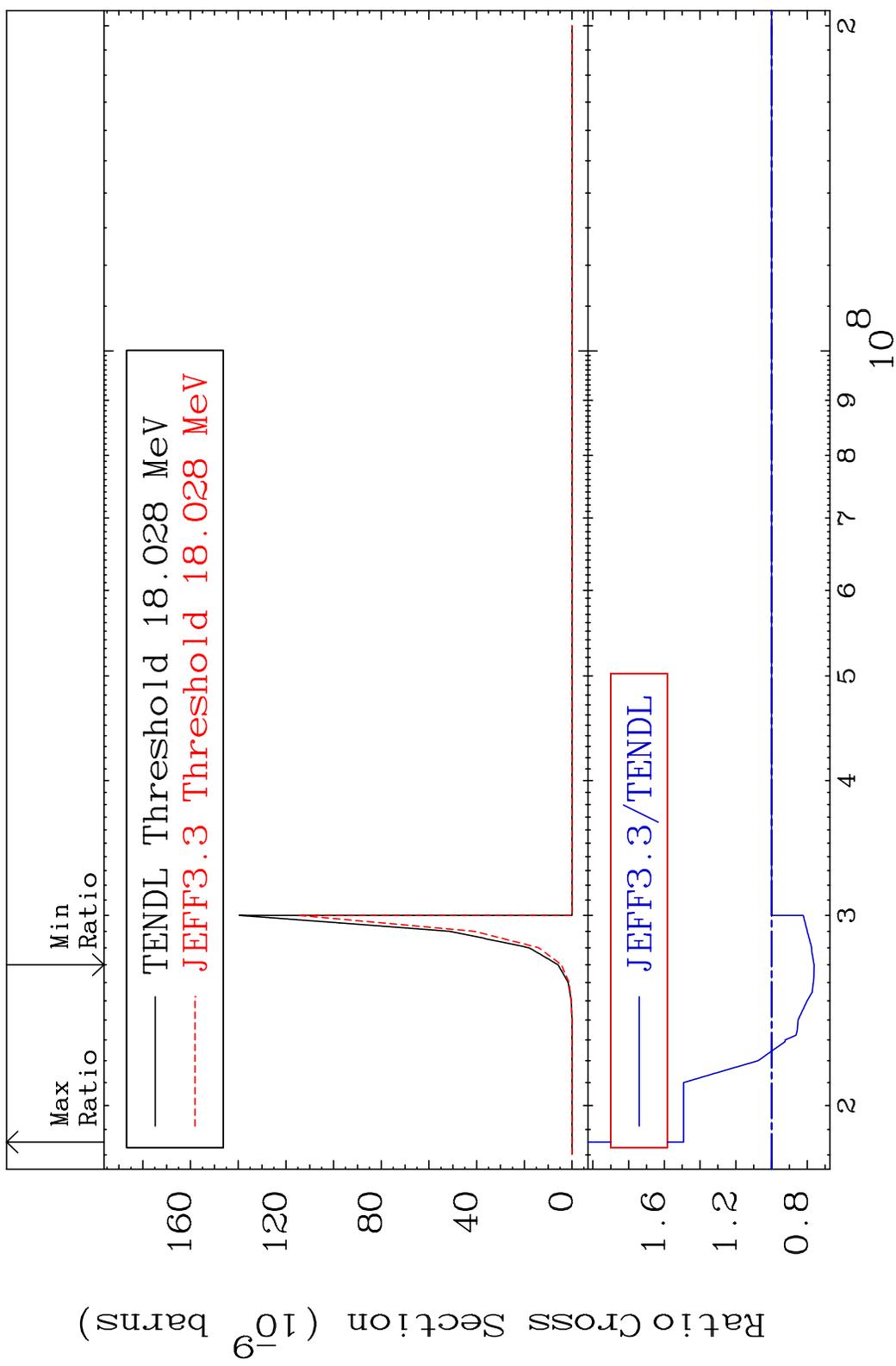
MAT 3449 (n, He-3) 34-Se-82
 Cross Section -100.0 To 19.26 %



40 Incident Energy (eV) 34-Se-82



MAT 3449 (n,2p) 34-Se-82
 Cross Section -23.79 To 49.27 %



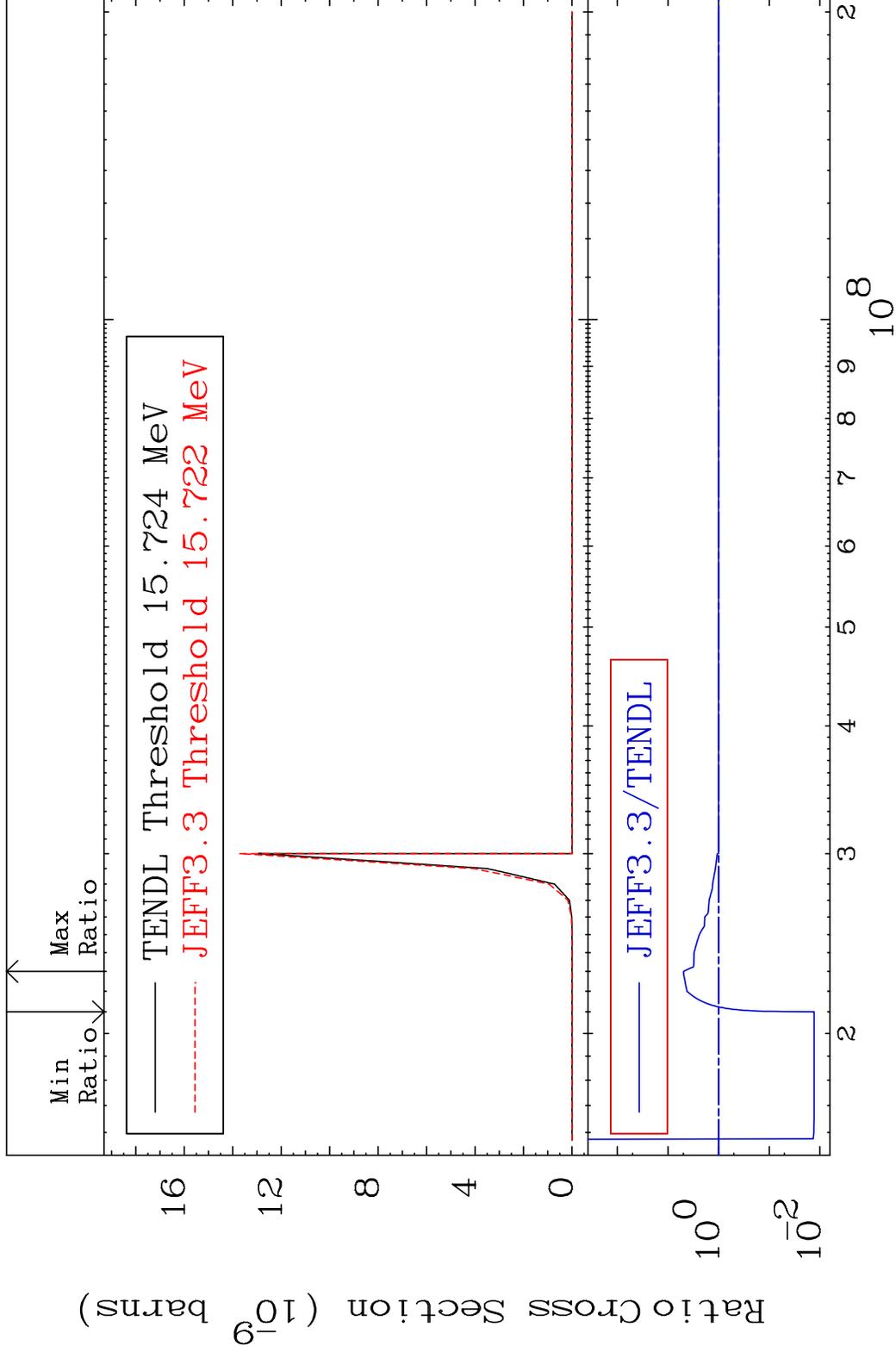
42 Incident Energy (eV) 34-Se-82

MAT 3449

(n,p) α

34-Se-82

Cross Section -98.70 To 393.4 %



43

Incident Energy (eV)

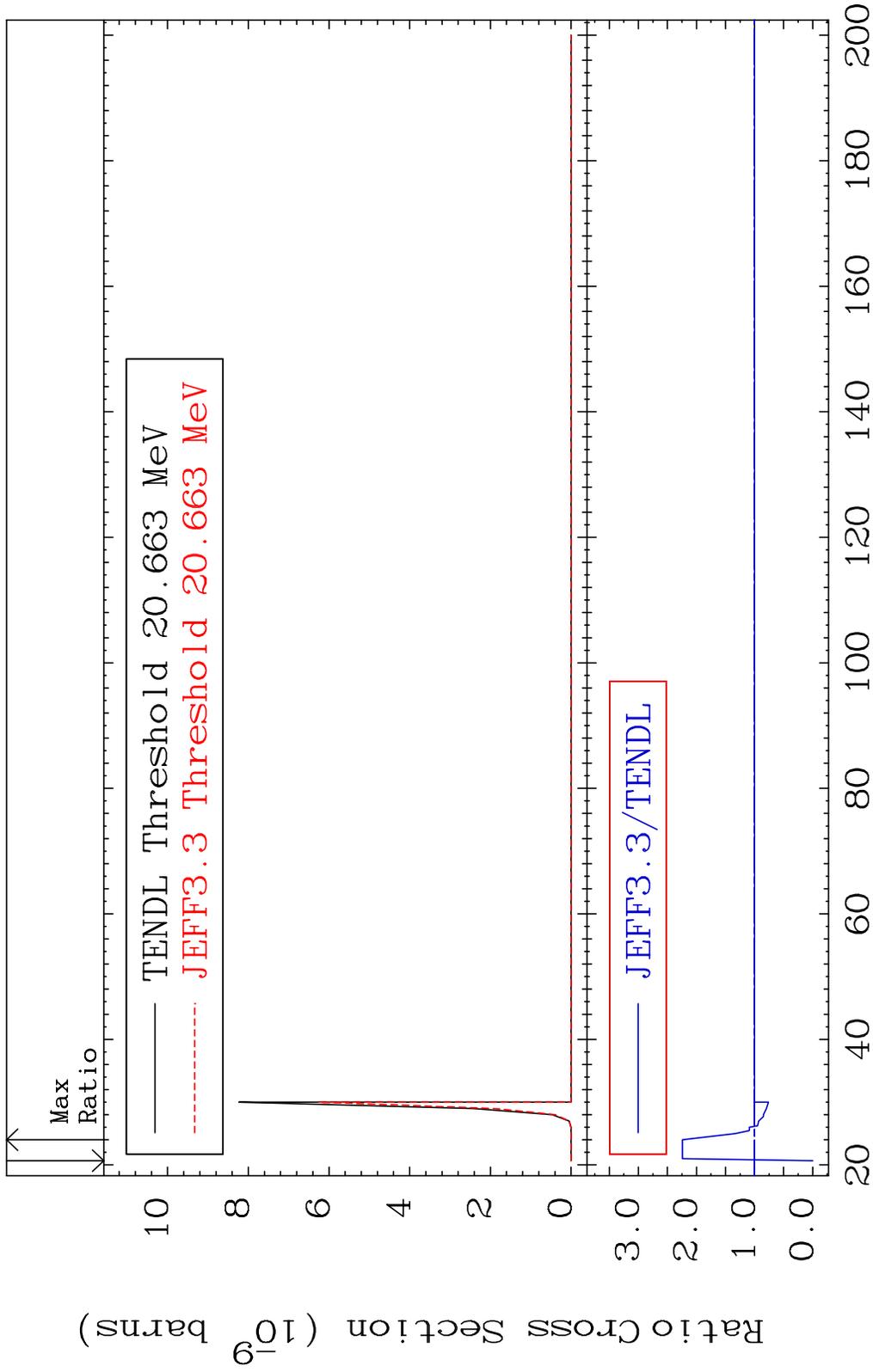
34-Se-82

MAT 3449

(n,p) d

³⁴Se-82

Cross Section -100.0 To 124.2 %

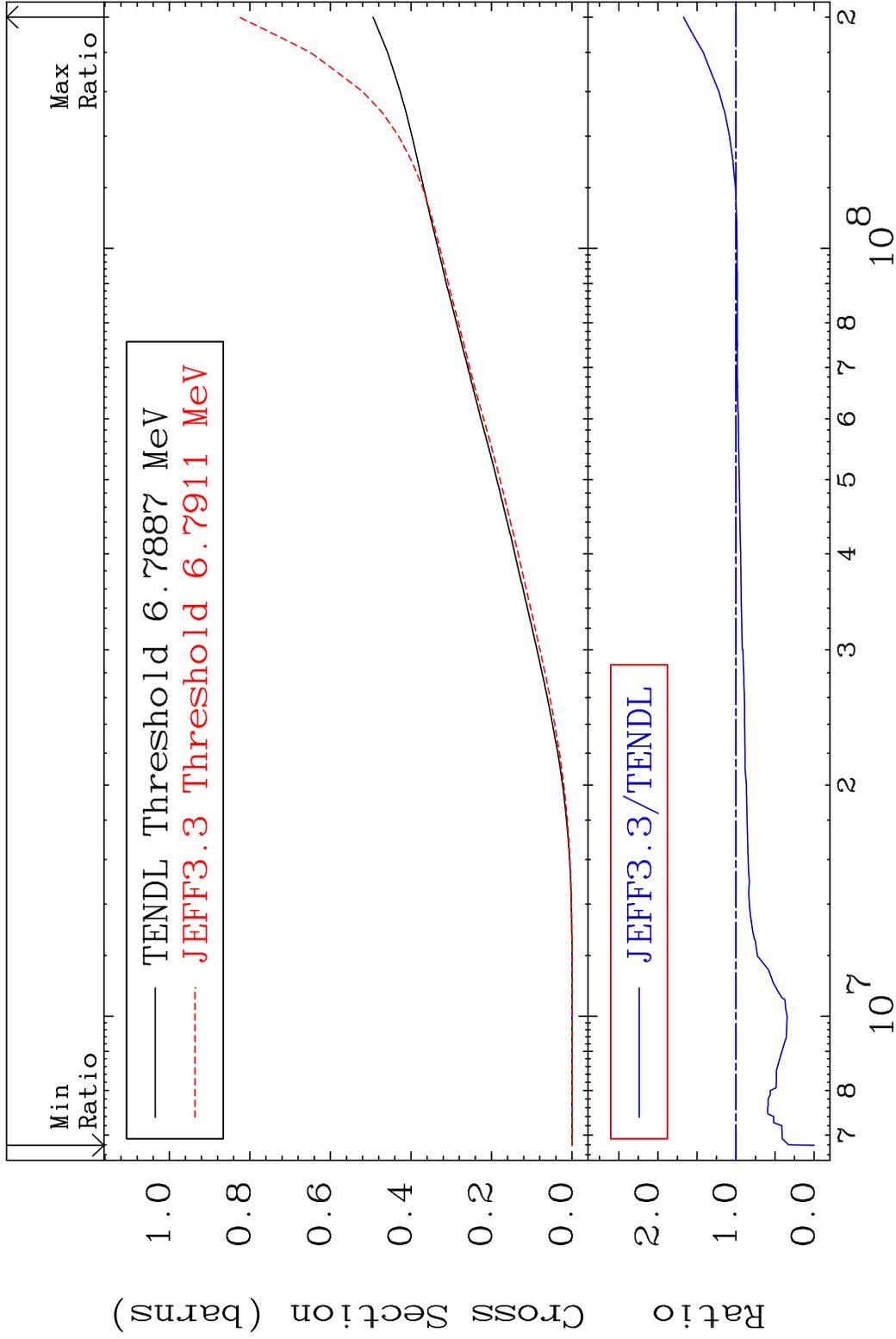


44

Incident Energy (MeV)

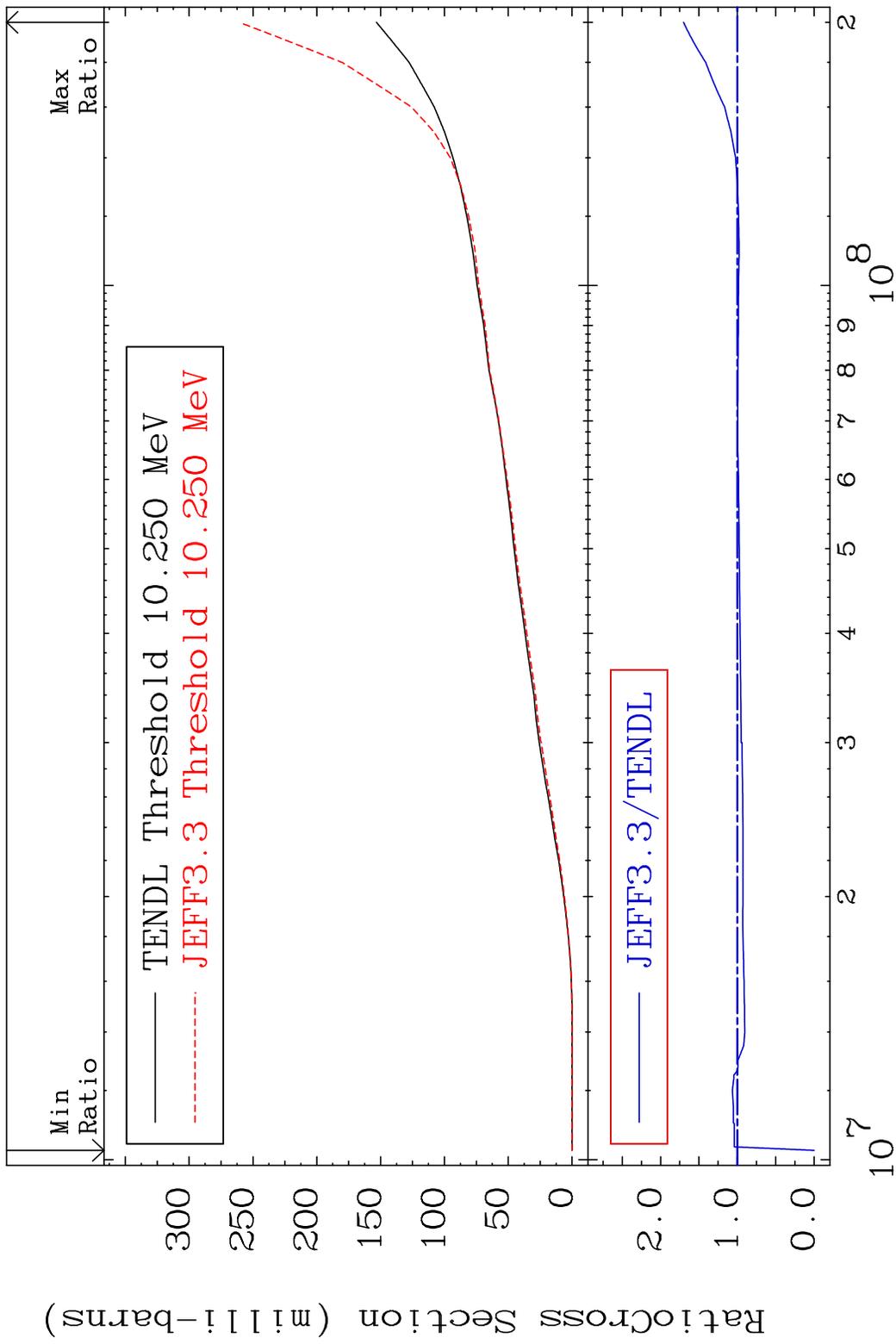
³⁴Se-82

MAT 3449 Hydrogen Production 34-Se-82
 Cross Section -100.0 To 67.20 %



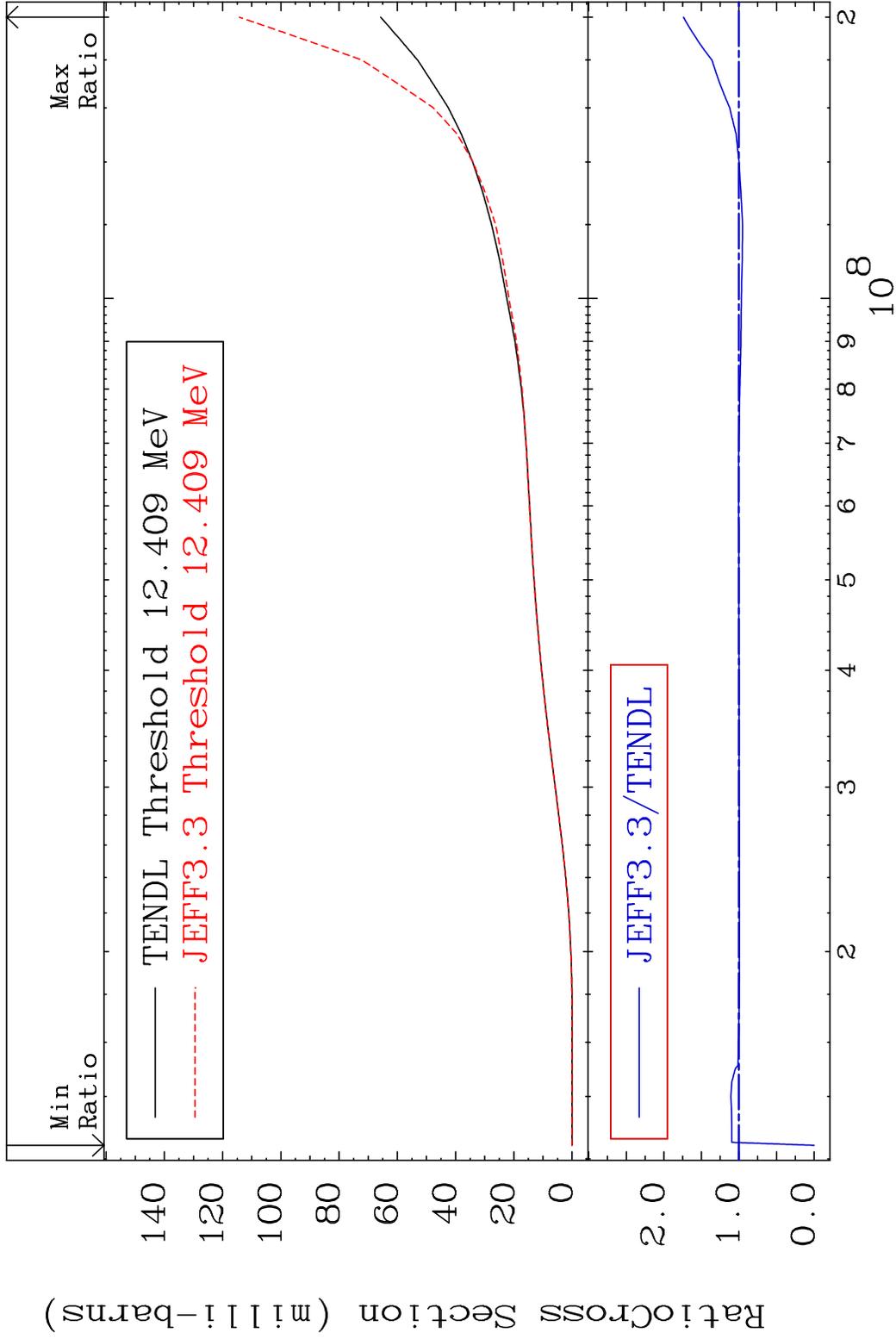
45 34-Se-82

MAT 3449 Deuterium Production 34-Se-82
 Cross Section -100.0 To 70.12 %



46 Incident Energy (eV) 34-Se-82

MAT 3449 Tritium Production 34-Se-82
 Cross Section -100.0 To 73.81 %



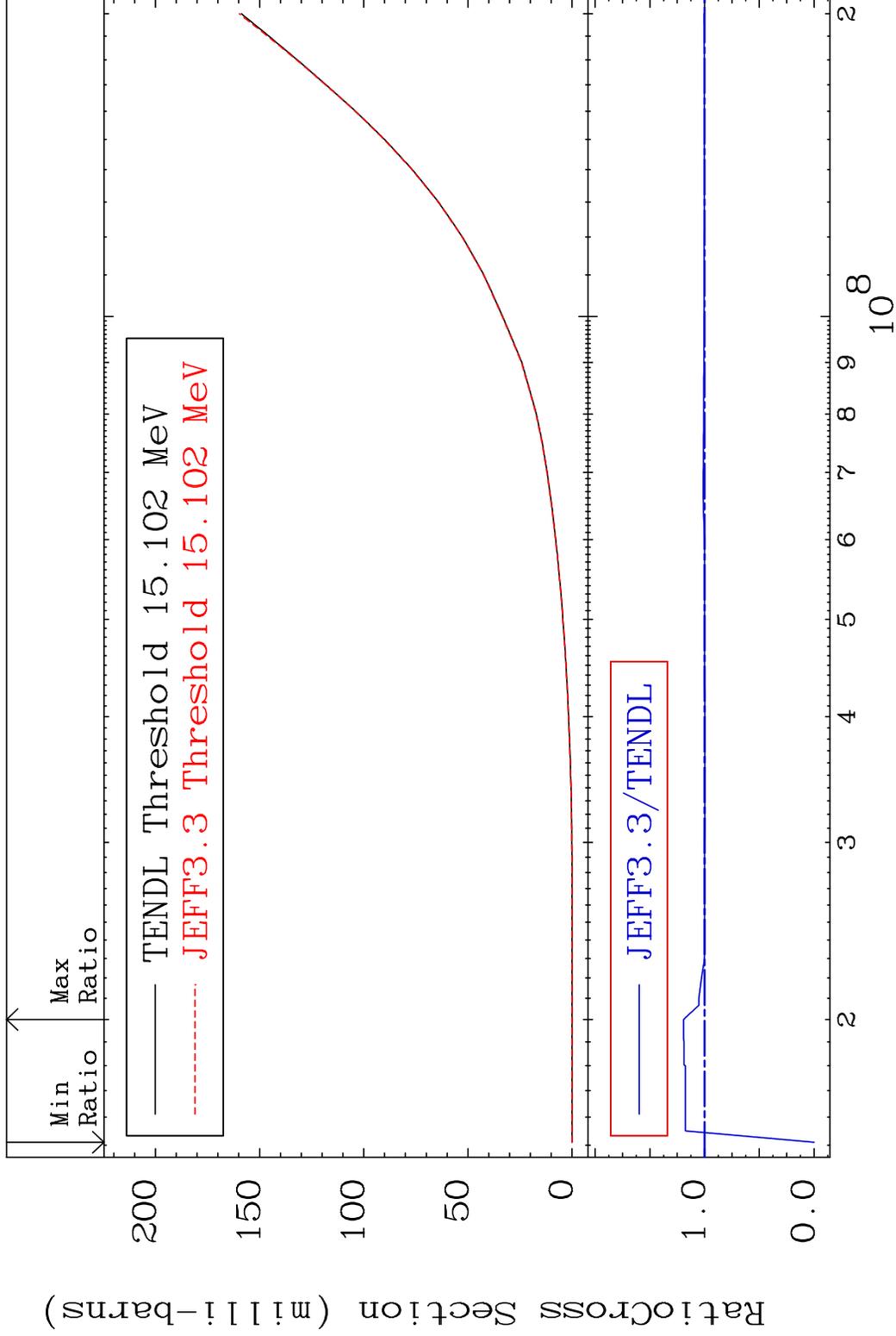
47 34-Se-82

MAT 3449

He-3 Production

34-Se-82

Cross Section -100.0 To 19.26 %



48

Incident Energy (eV)

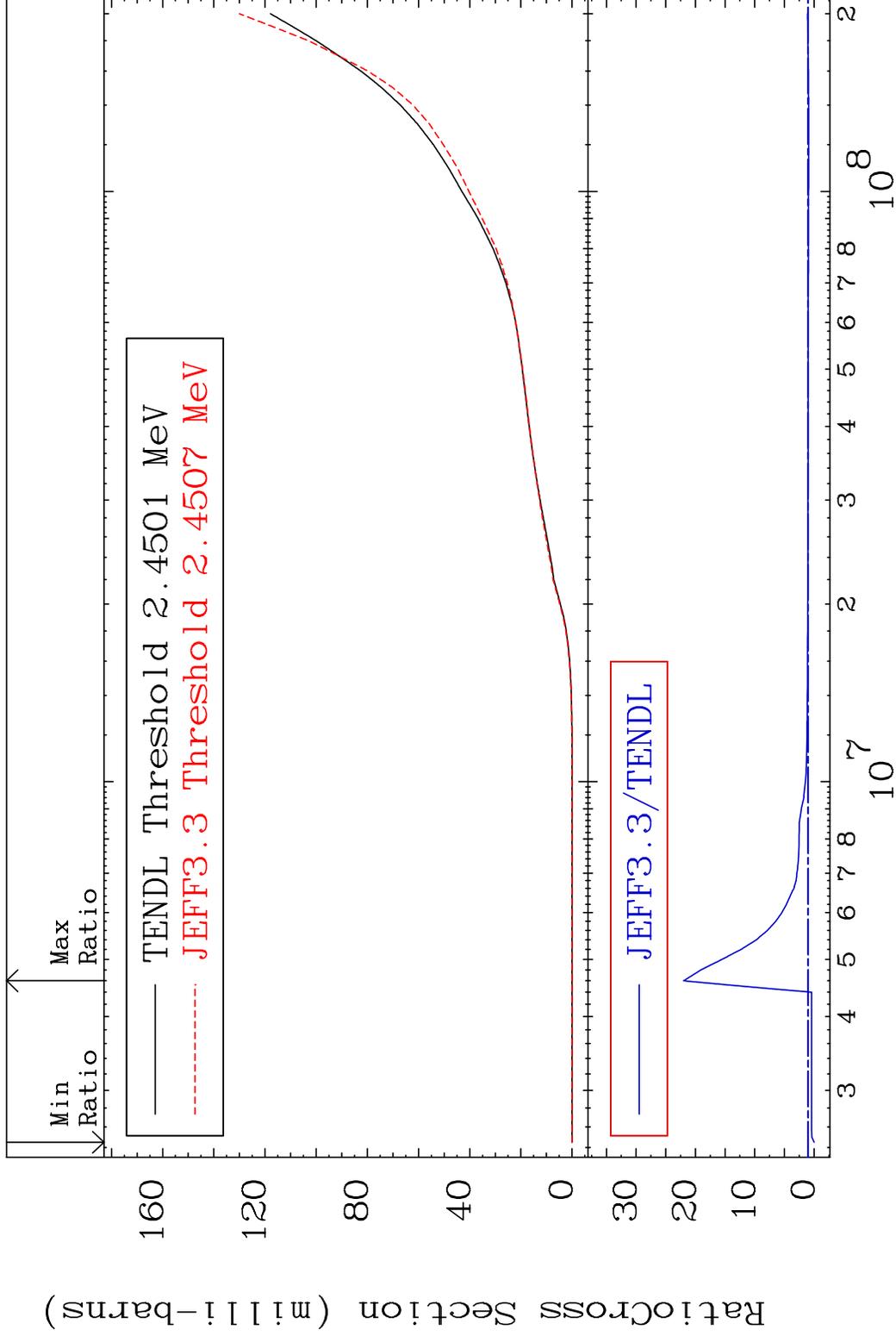
34-Se-82

MAT 3449

He-4 Production

34-Se-82

Cross Section -100.0 To 2100. %

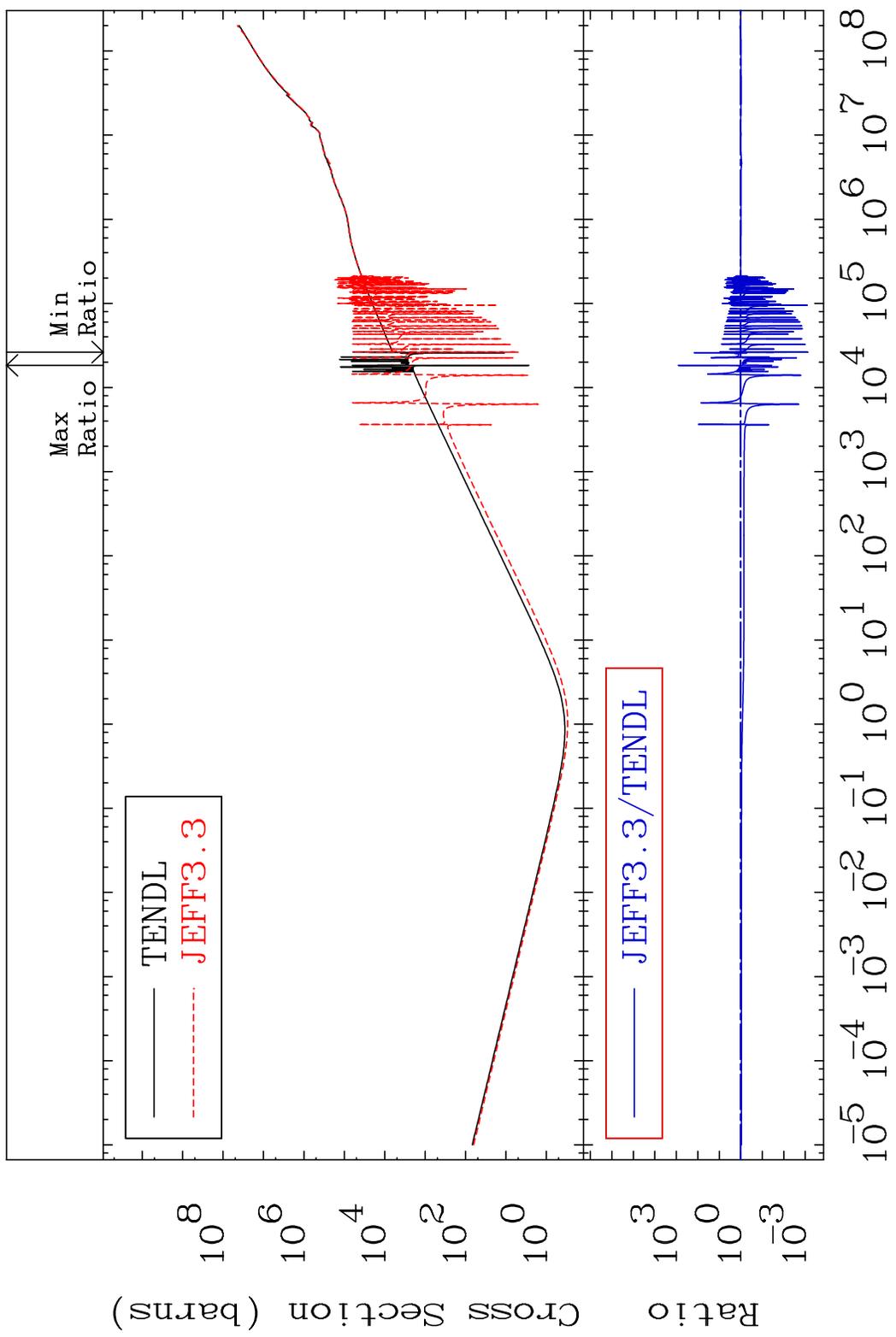


49

Incident Energy (eV)

34-Se-82

MAT 3449 Kerma total (eV-barns) 34-Se-82
 Cross Section -99.92 To 9999. %

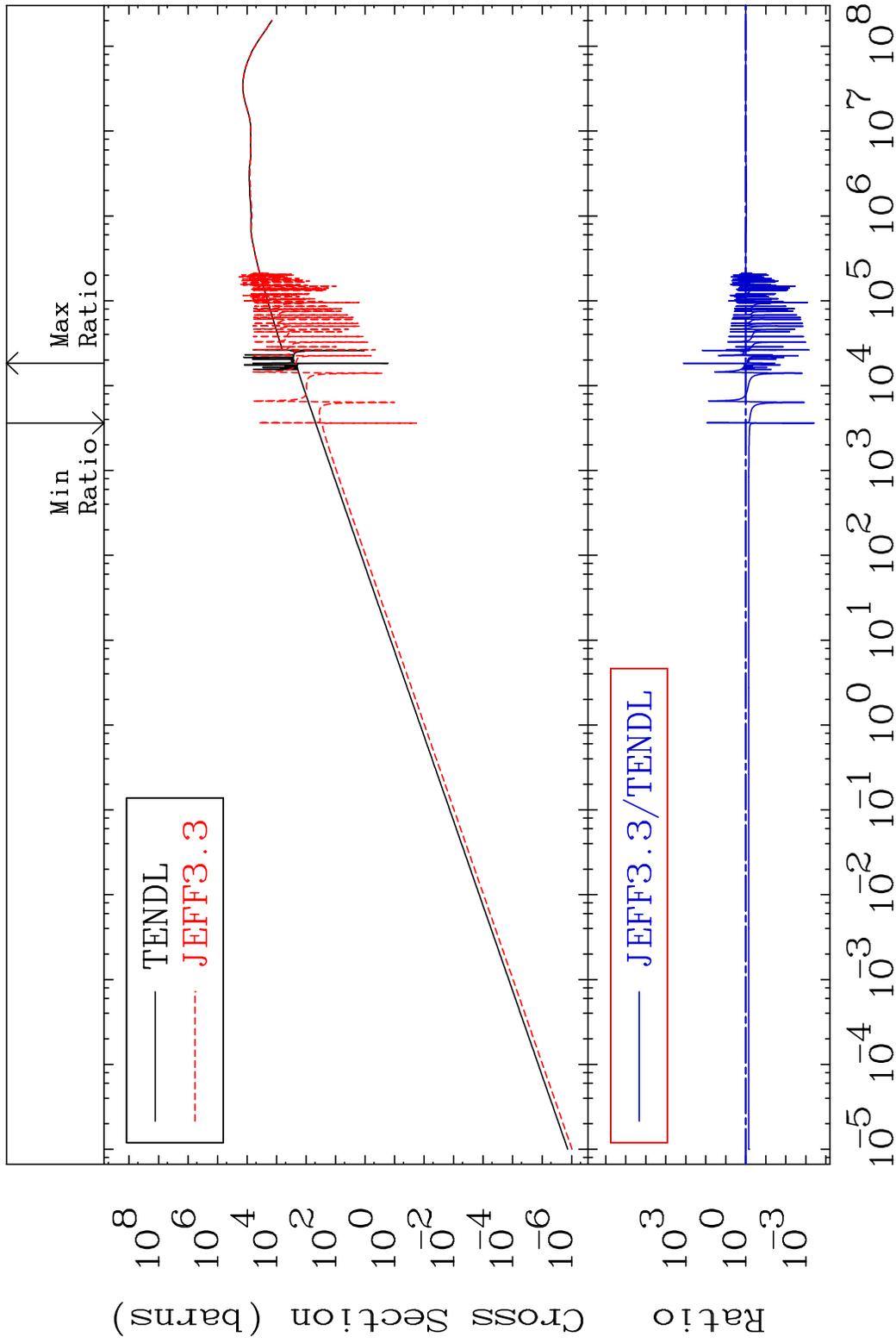


50 Incident Energy (eV) 34-Se-82

MAT 3449

Kerma elastic
Cross Section

34-Se-82
-99.96 To 9999. %

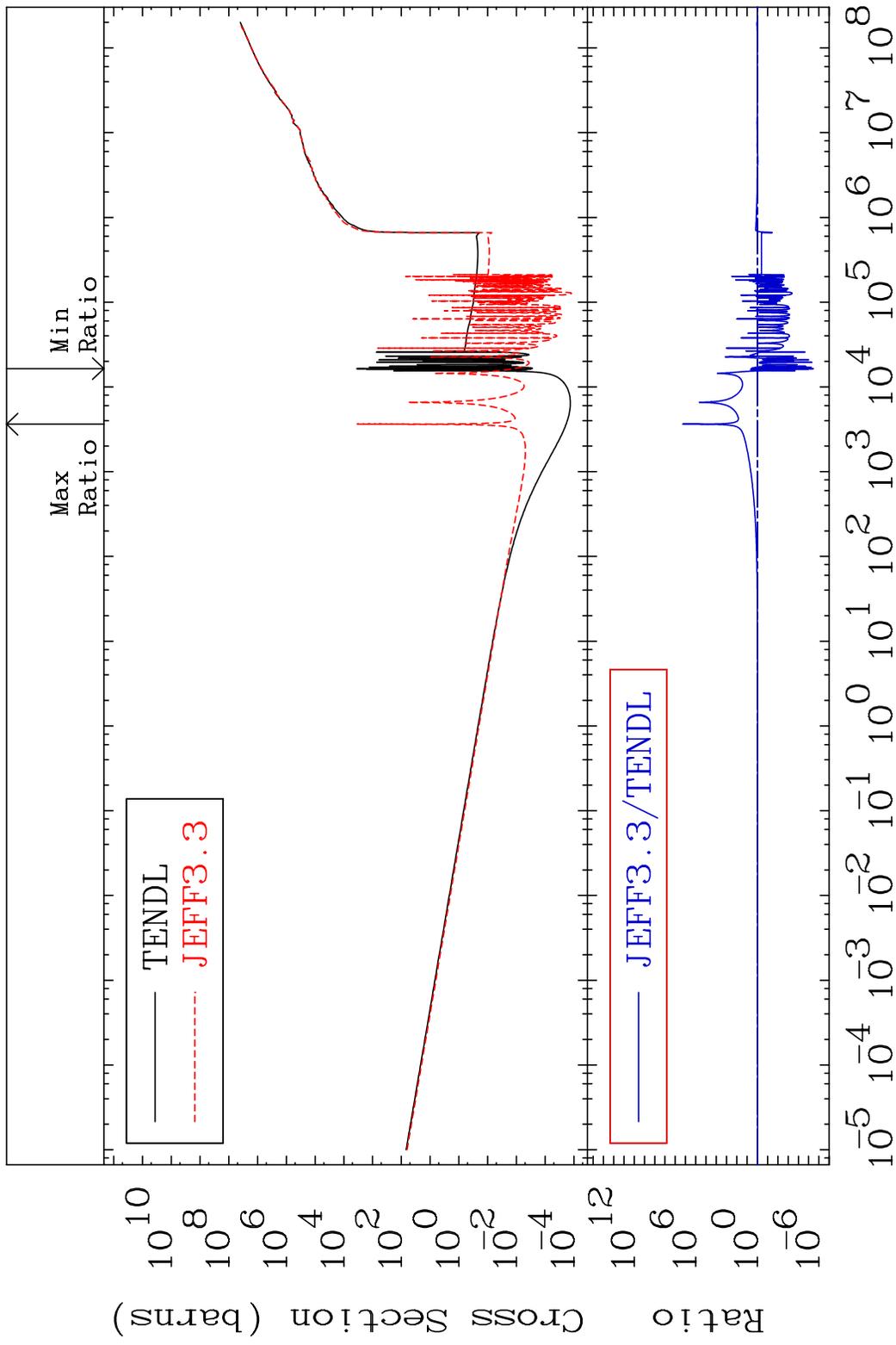


51

Incident Energy (eV)

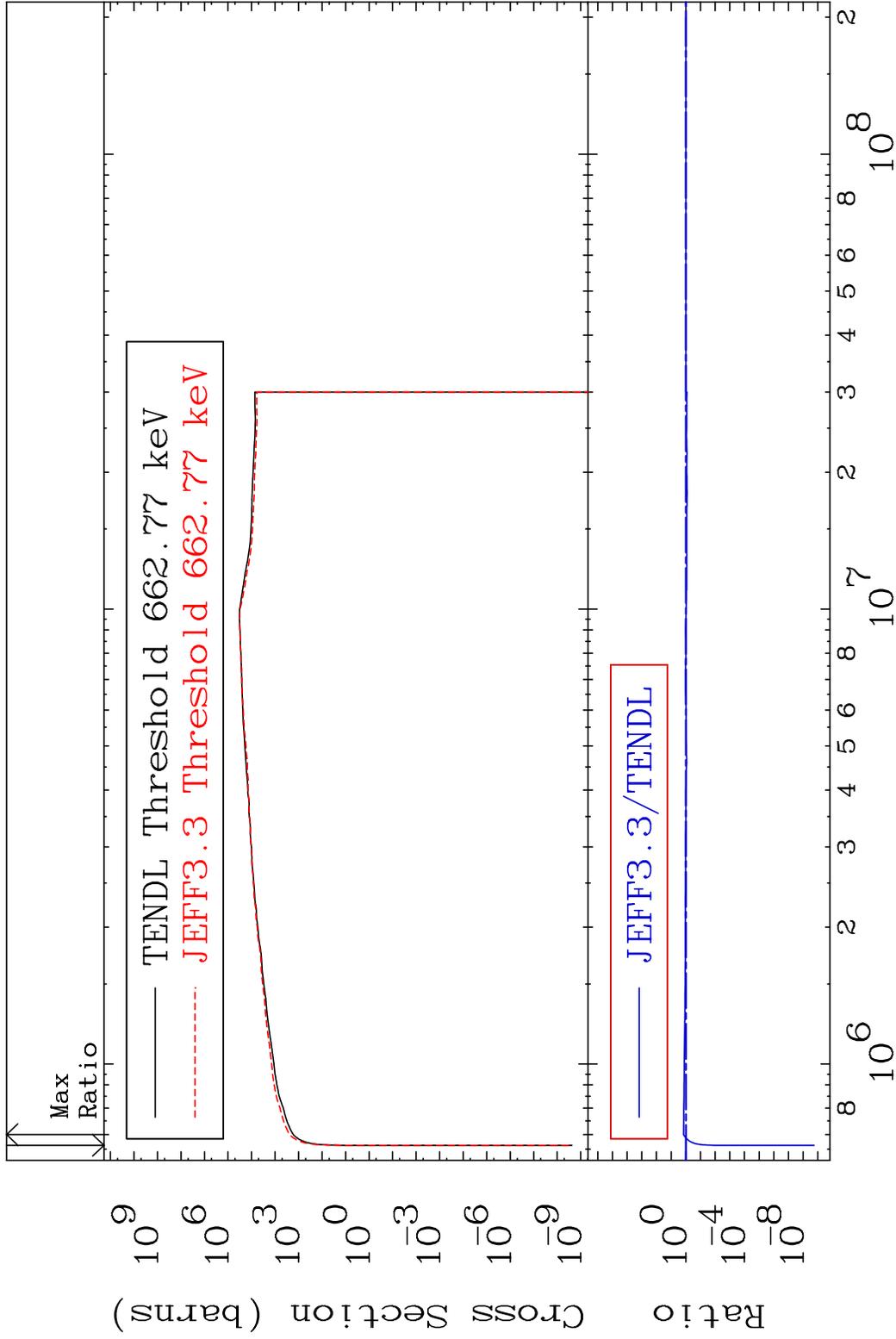
34-Se-82

MAT 3449 Kerma non-elastic (all but mt2) 34-Se-82
 Cross Section -100.0 To 9999. %



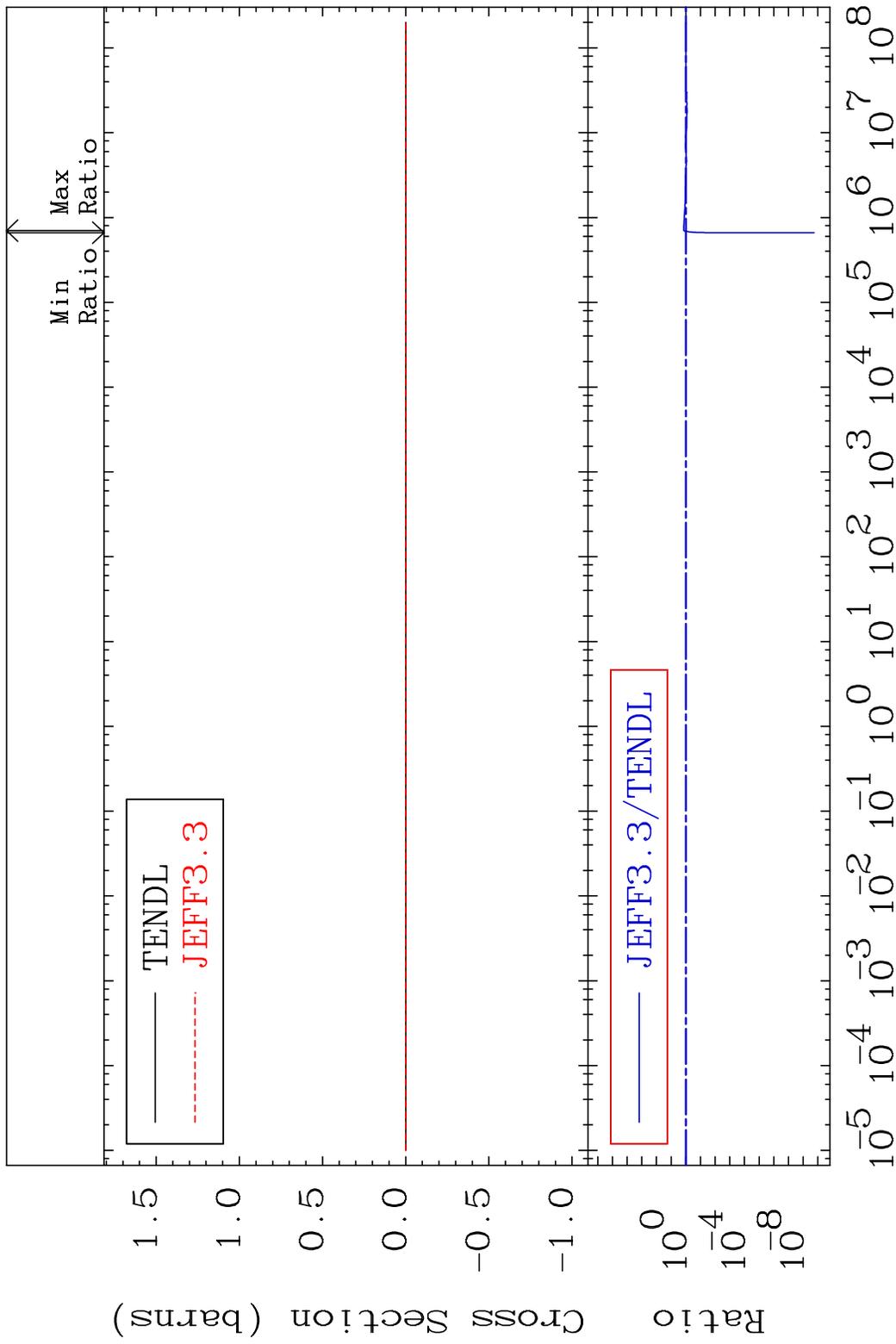
52 Incident Energy (eV) 34-Se-82

MAT 3449 Kerma inelastic (mt51-91) 34-Se-82
 Cross Section -100.0 To 42.60 %

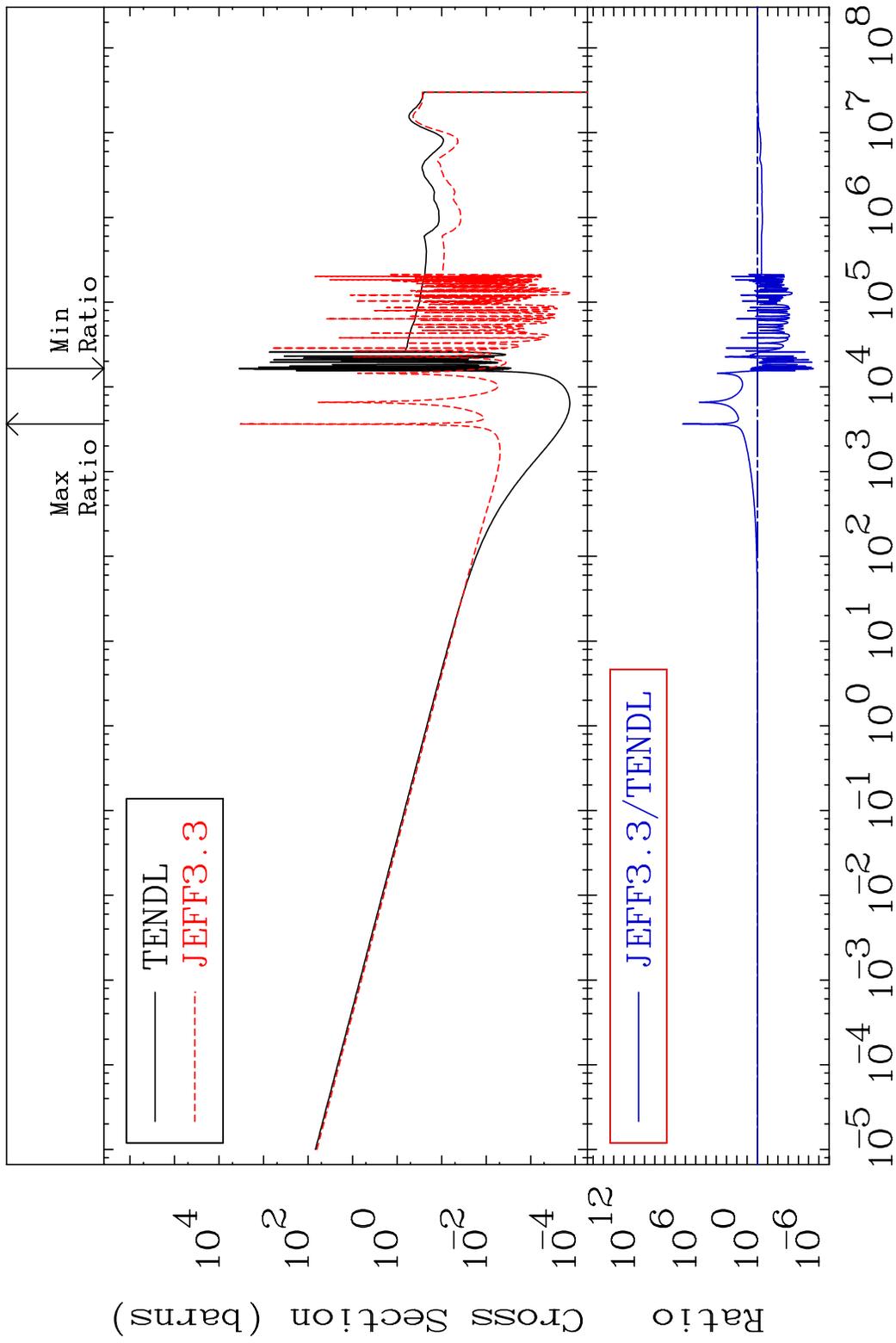


53 Incident Energy (eV) 34-Se-82

MAT 3449 Kerma fission (mt18 or mt19-20-21-38) 34-Se-82
 Cross Section -100.0 To 42.60 %

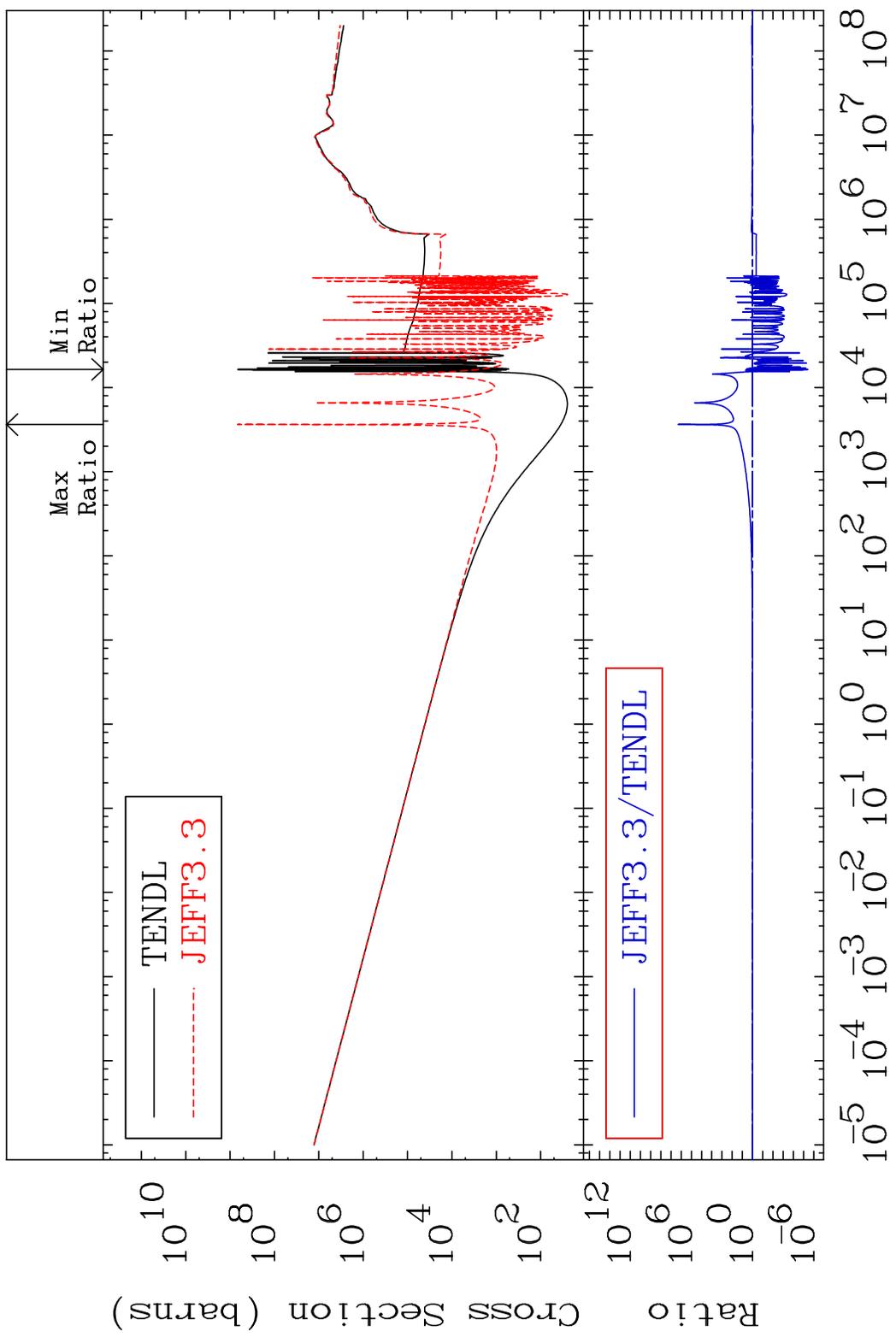


MAT 3449 Kerma capture (mt102) 34-Se-82
 Cross Section -100.0 To 9999. %

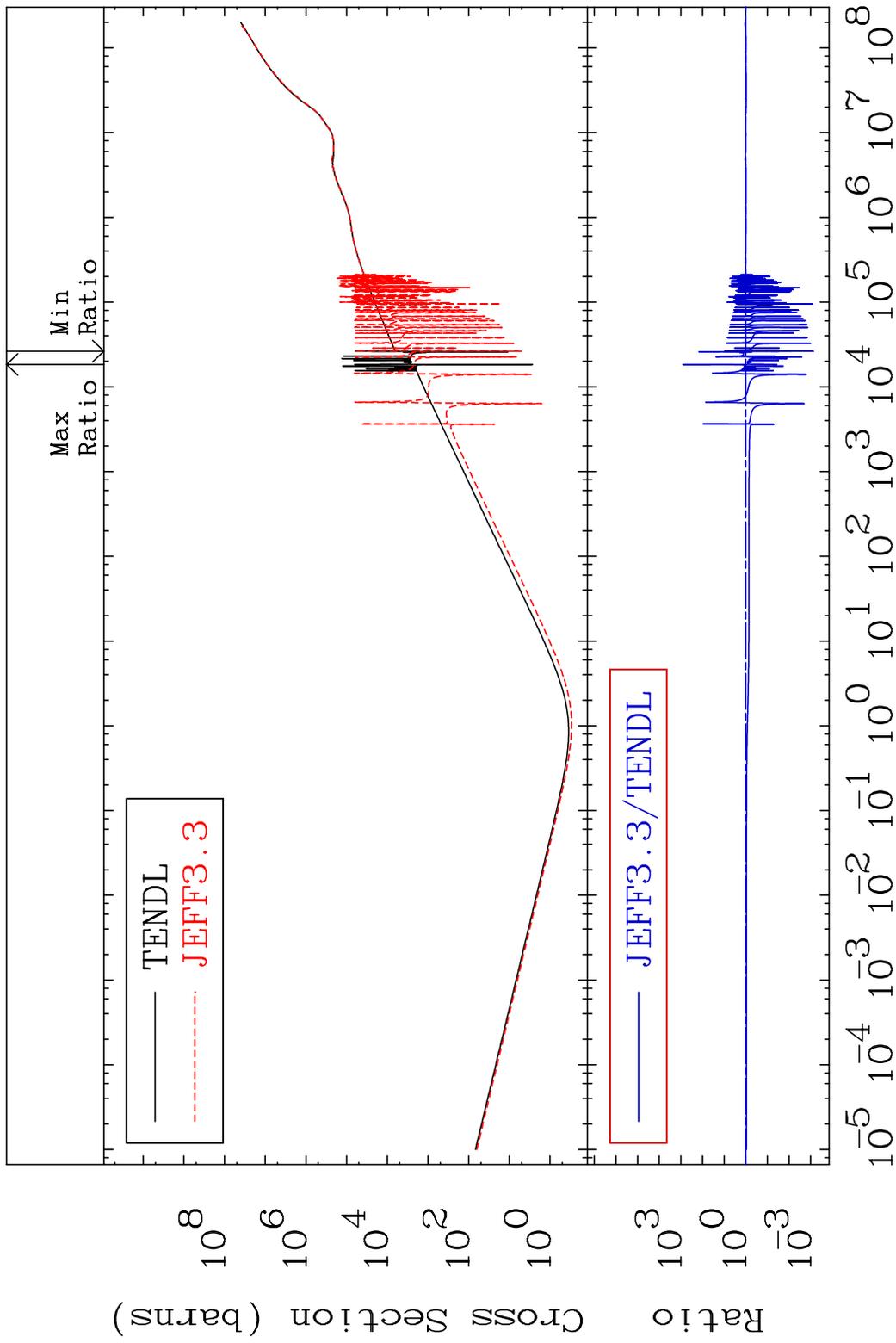


55 Incident Energy (eV) 34-Se-82

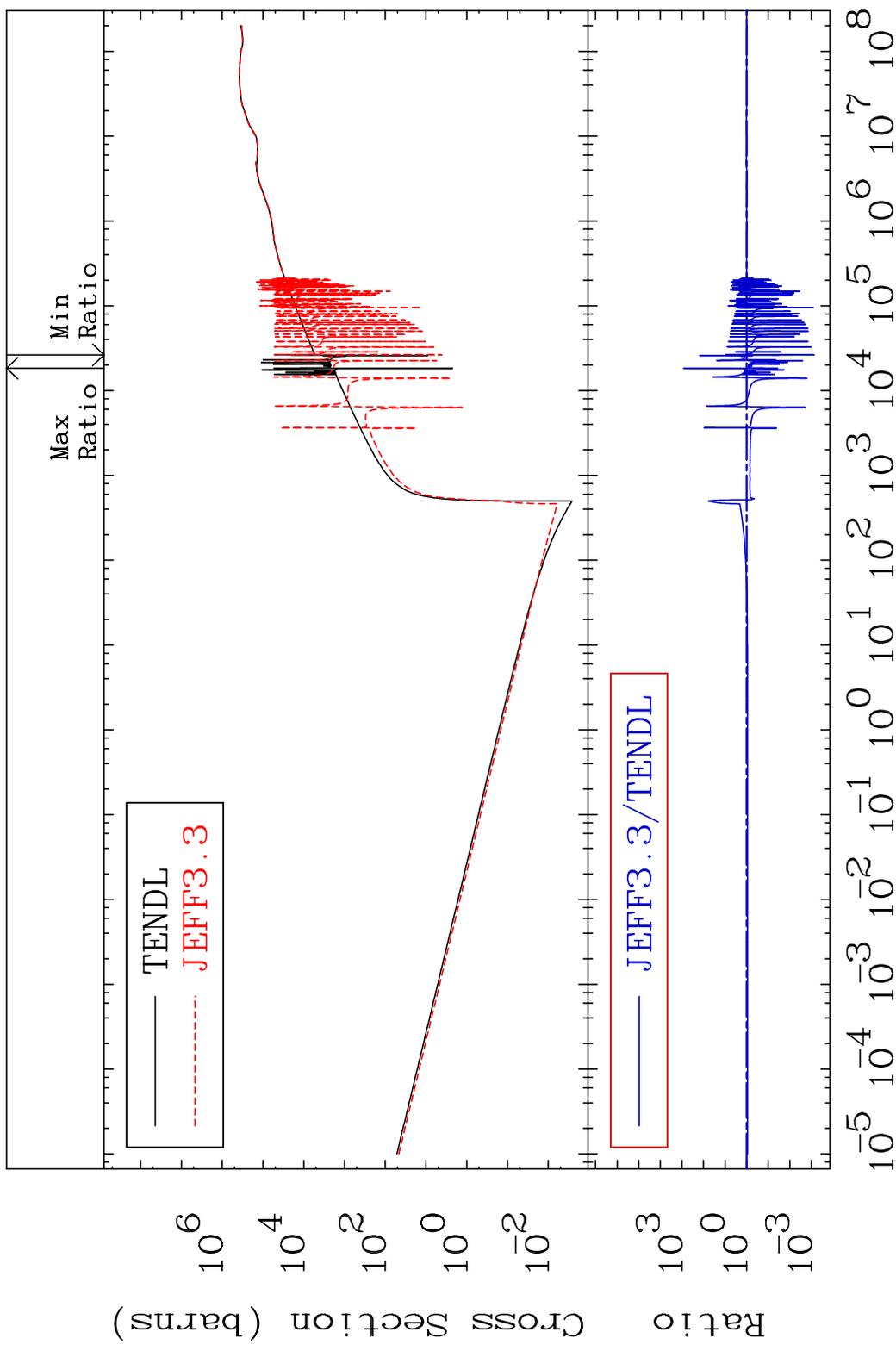
MAT 3449 Total photon (eV-barns) 34-Se-82
 Cross Section -100.0 To 9999. %



MAT 3449 Total kinematic kerma (high limit) 34-Se-82
 Cross Section -99.92 To 9999. %



MAT 3449 Dpa total (eV-barns) 34-Se-82
 Cross Section -99.92 To 9999. %

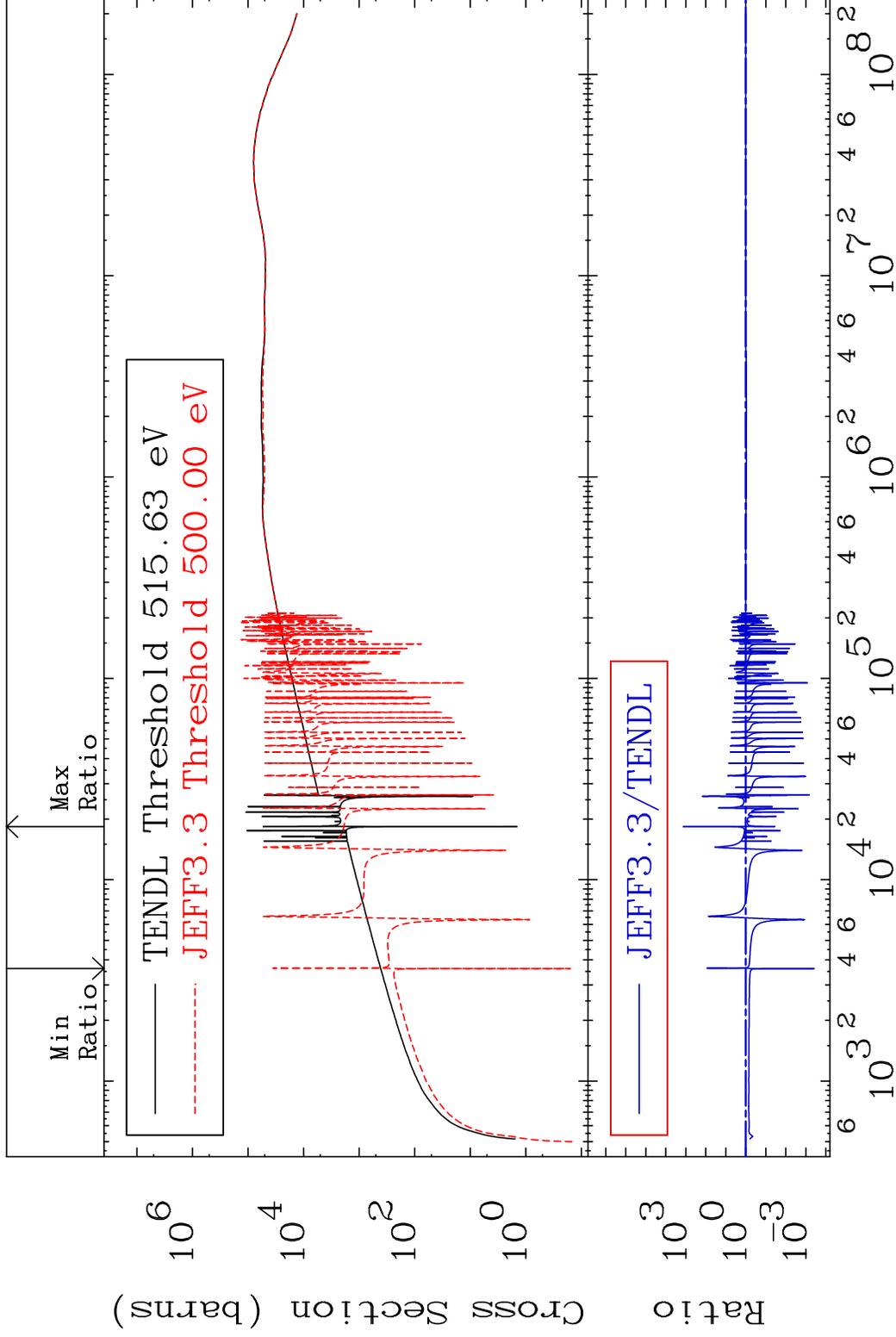


MAT 3449

Dpa elastic (mt2)

34-Se-82

Cross Section -99.96 To 9999. %

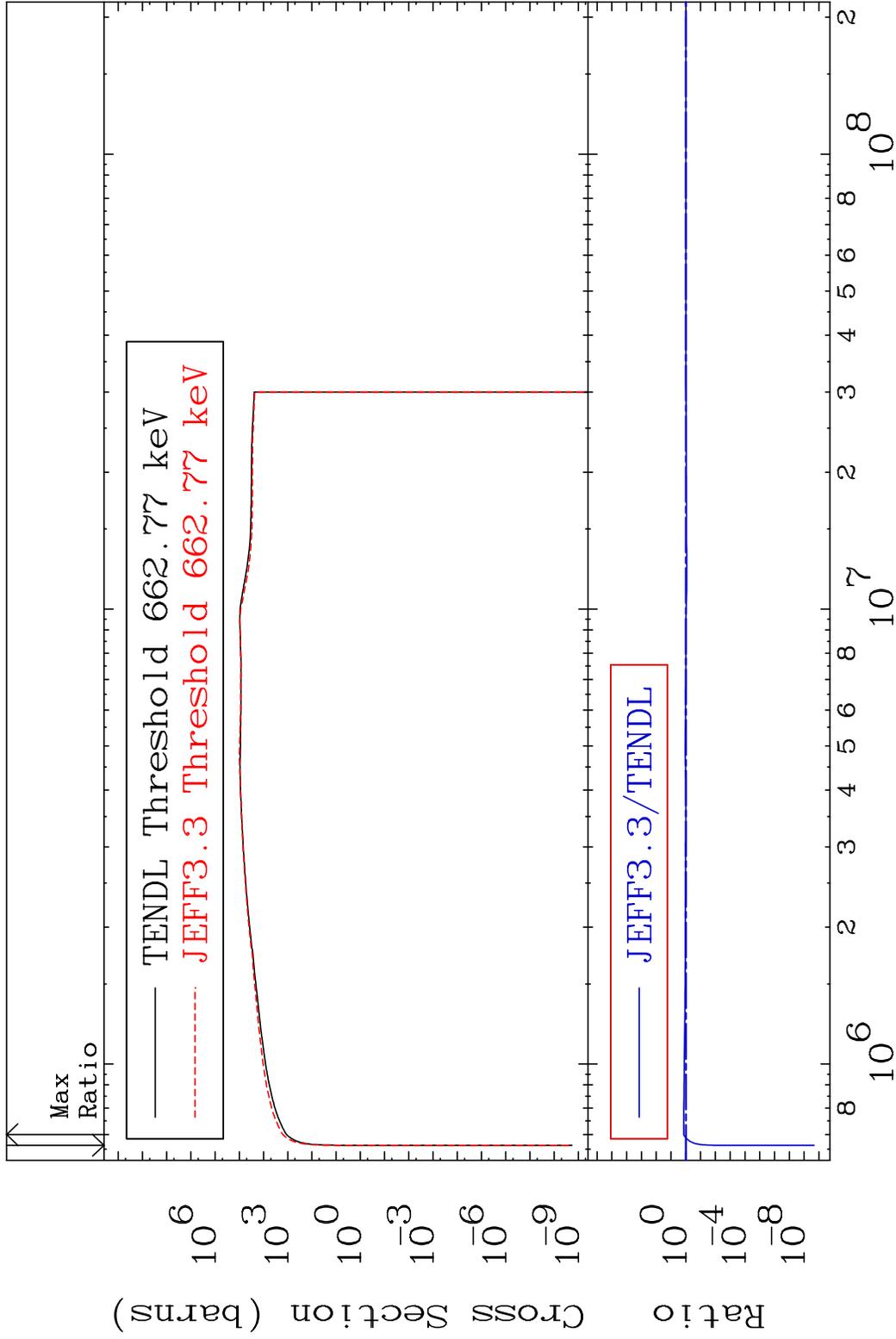


59

Incident Energy (eV)

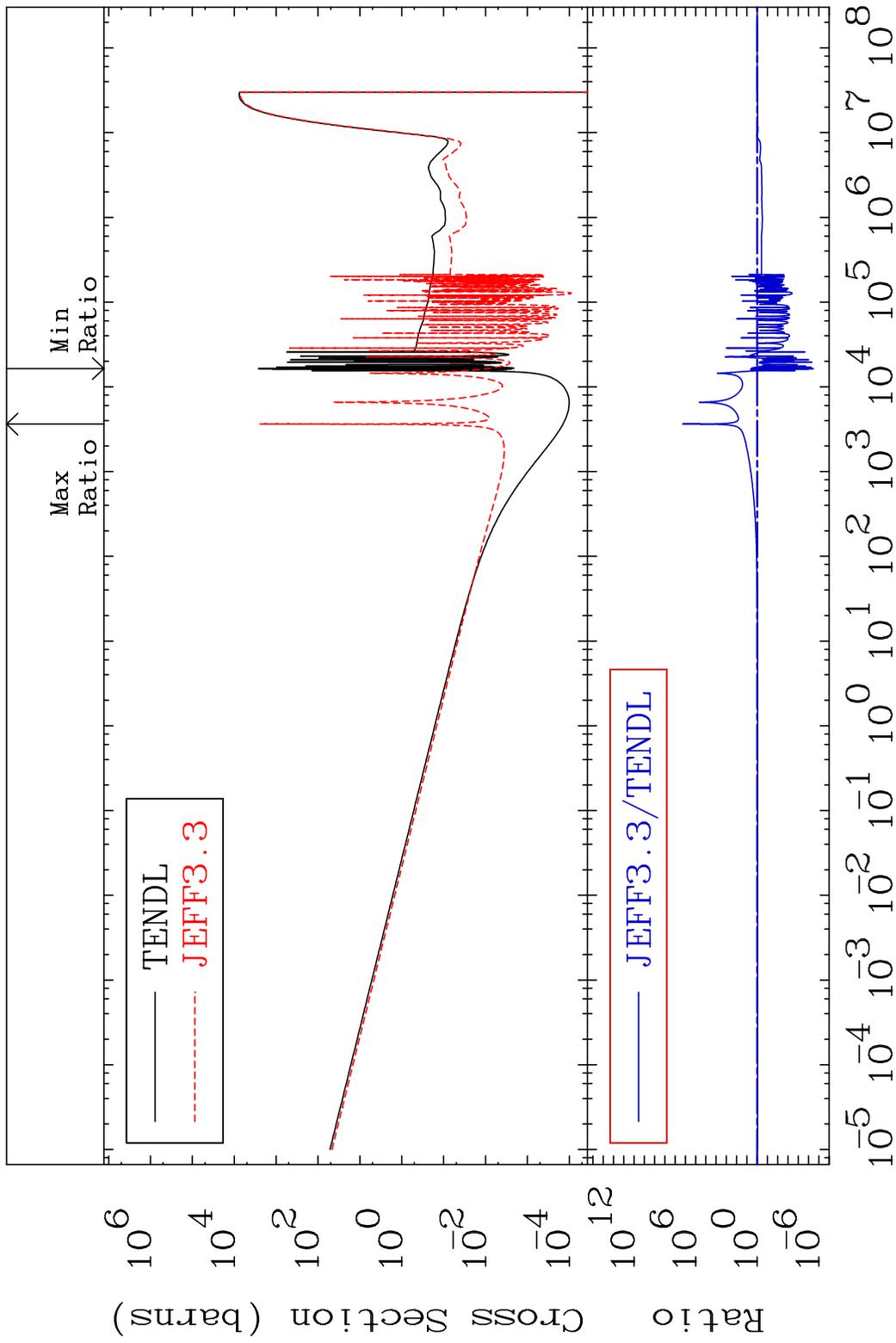
34-Se-82

MAT 3449 Dpa inelastic (mt51-91) ³⁴Se-82
Cross Section -100.0 To 42.61 %



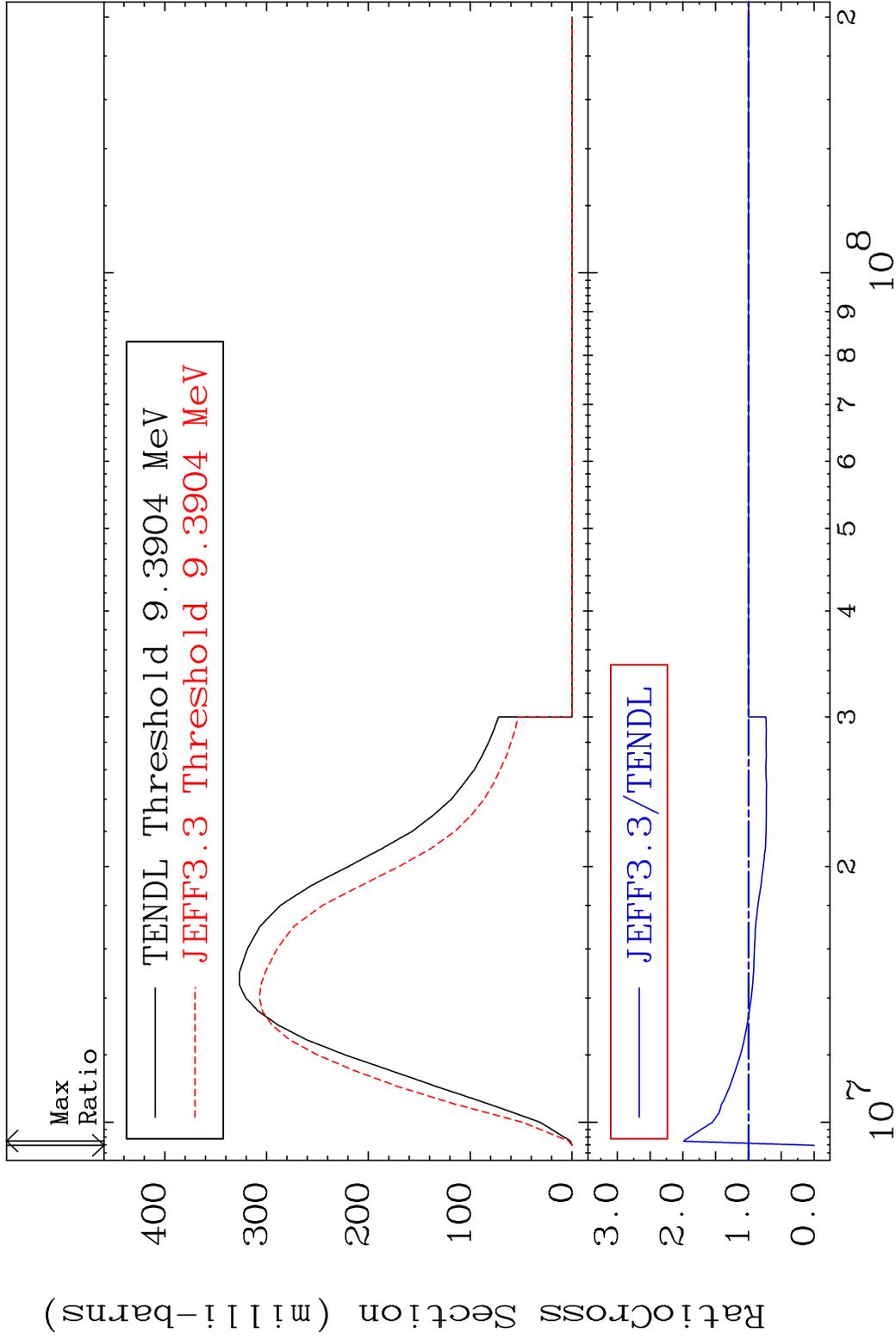
60 Incident Energy (eV) ³⁴Se-82

MAT 3449 Dpa disappearance (mt102 -120) 34-Se-82
 Cross Section -100.0 To 9999. %

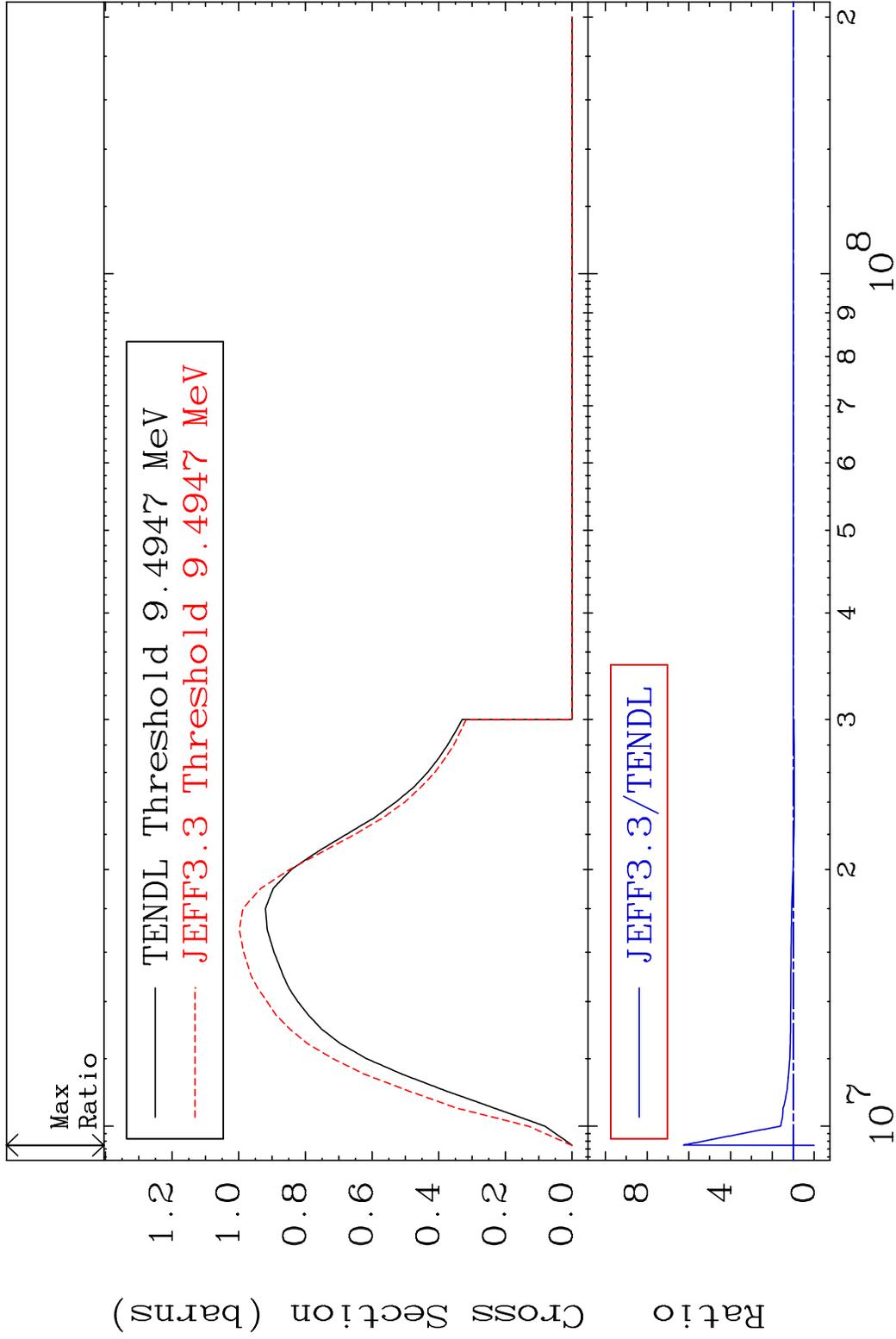


61 Incident Energy (eV) 34-Se-82

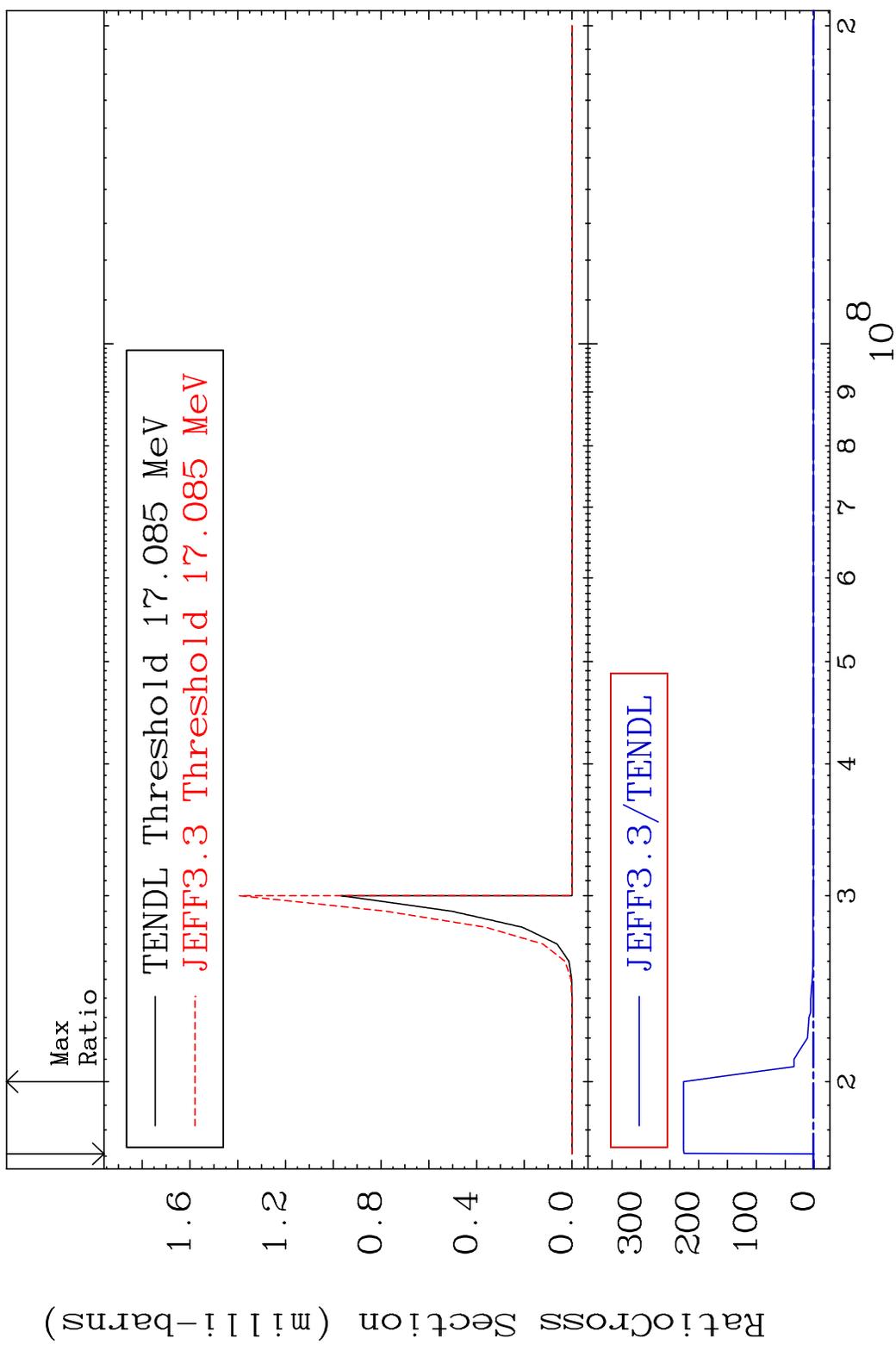
MAT 3449 (n,2n):34-Se-81g 34-Se-82
 Radionuclide Production Cross Section 180000 dpo 99.01 %



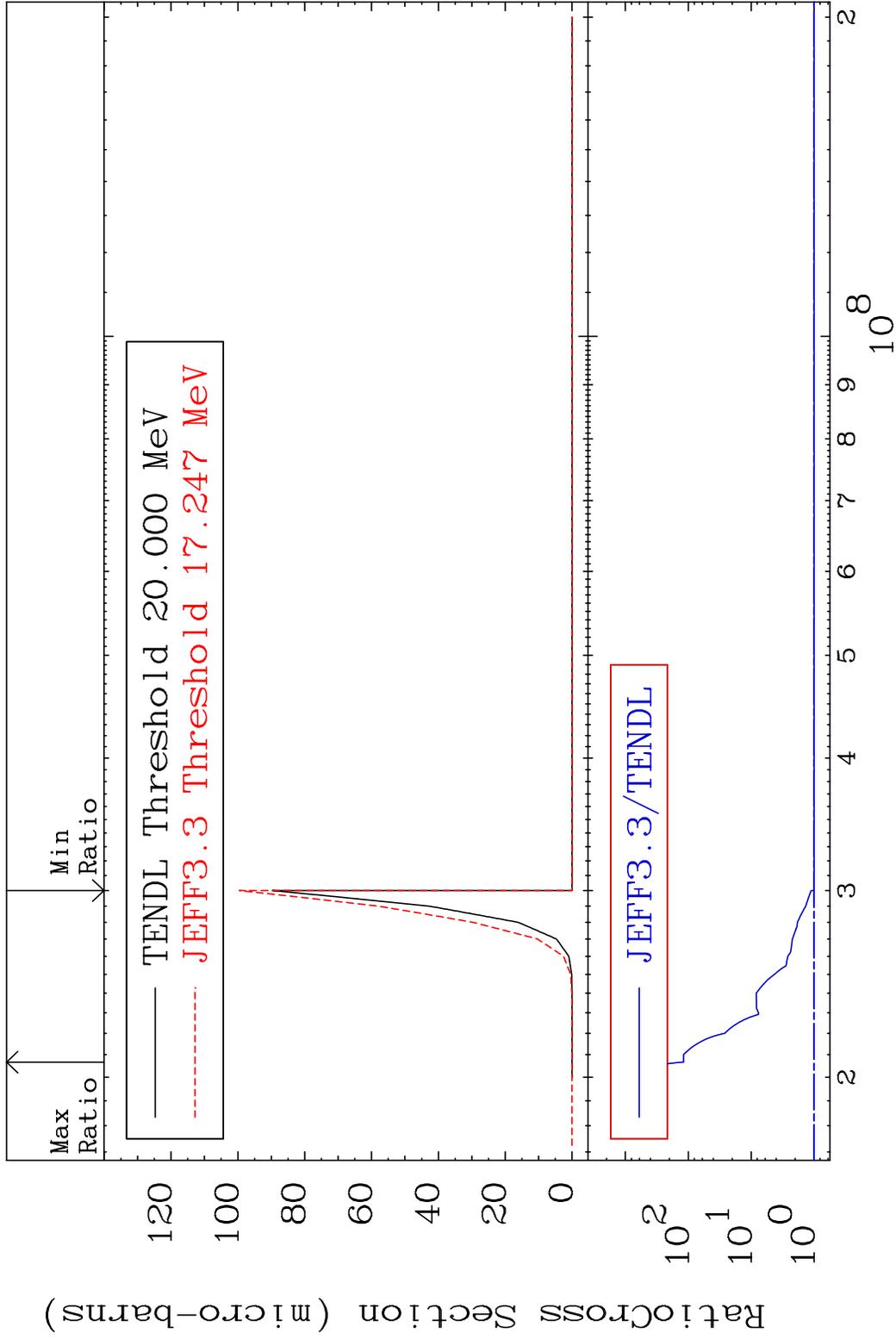
62 34-Se-82

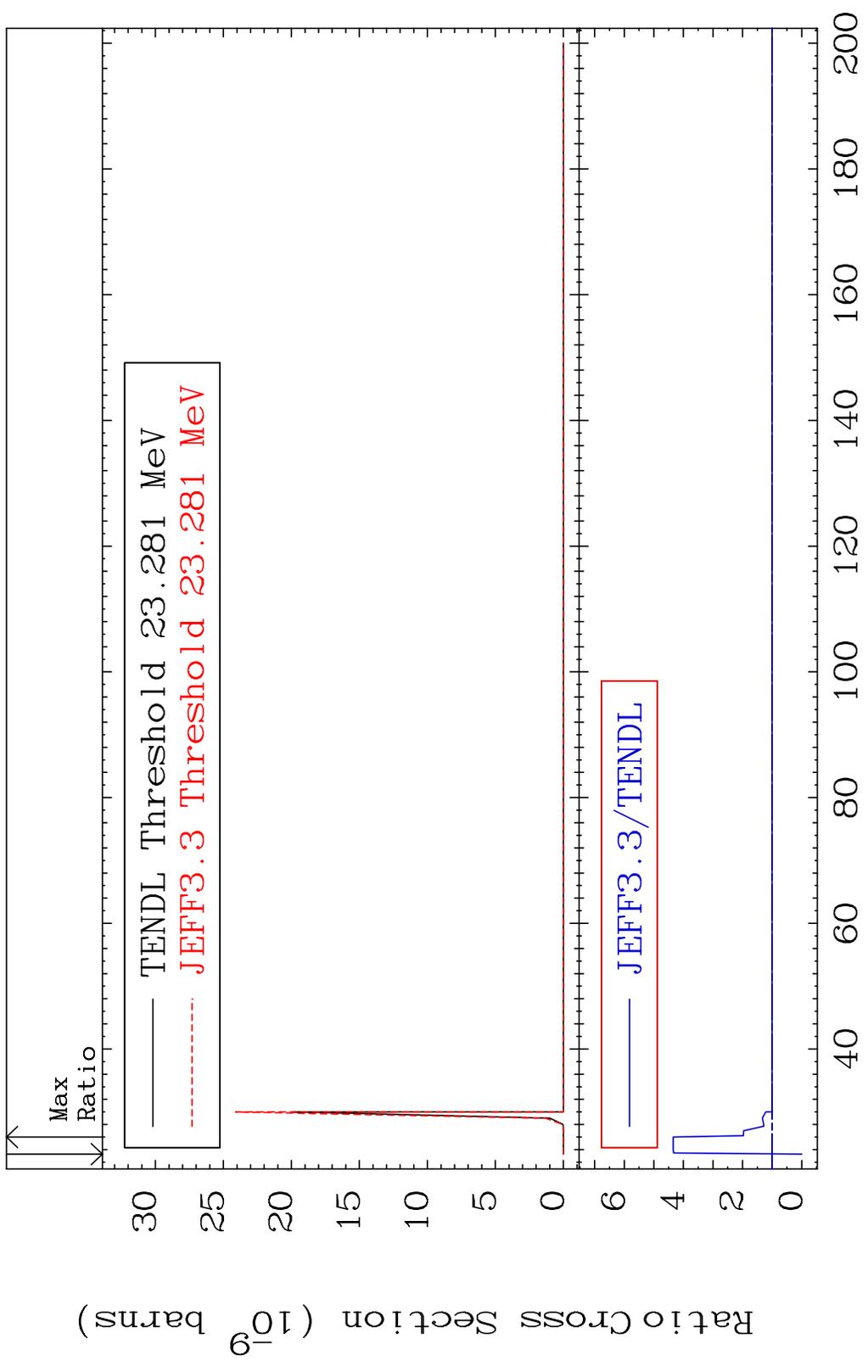


MAT 3449 (n,2n) α :32-Ge-77g 34-Se-82
 Radionuclide Production Cross Section 180001 d10 9999. %

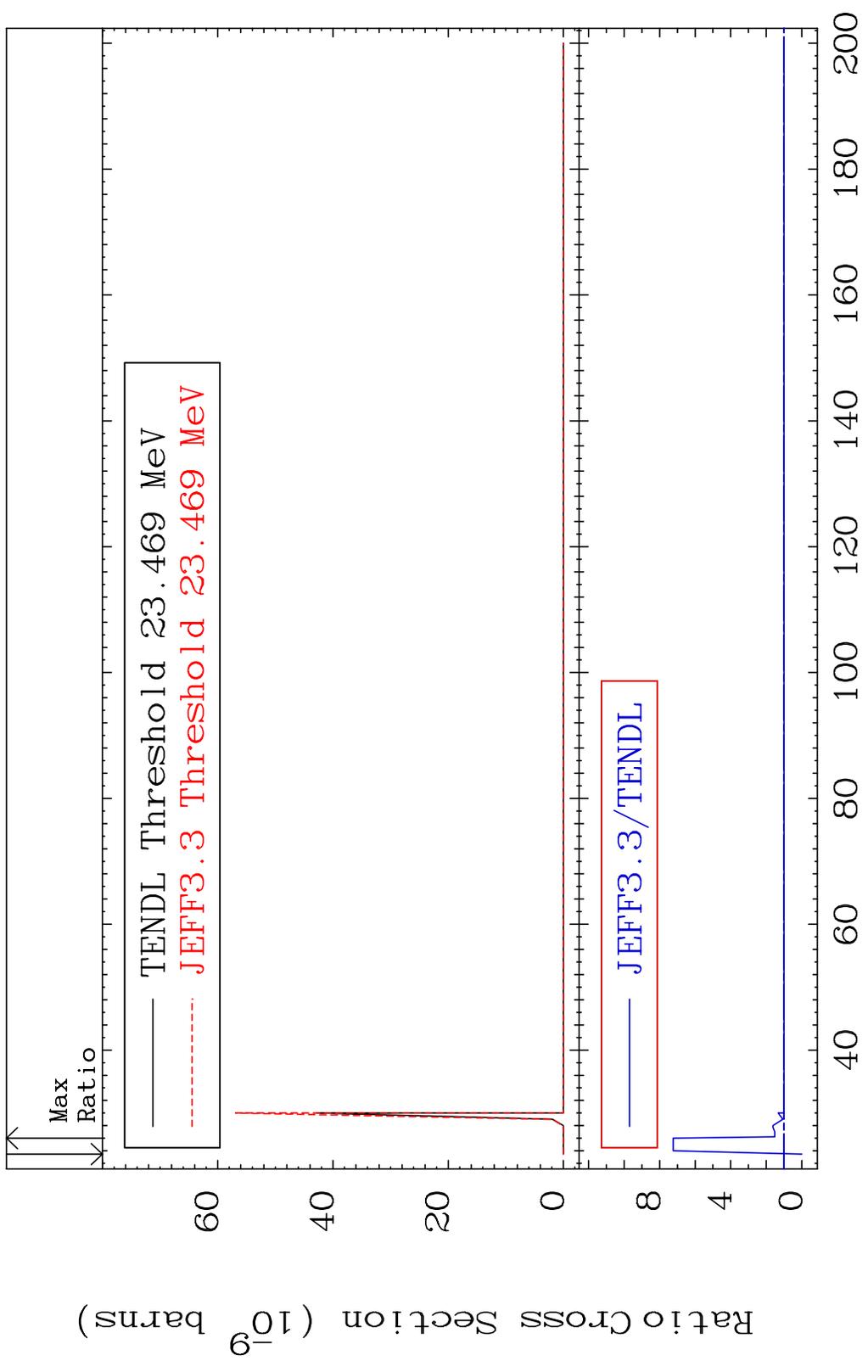


64 Incident Energy (eV) 34-Se-82



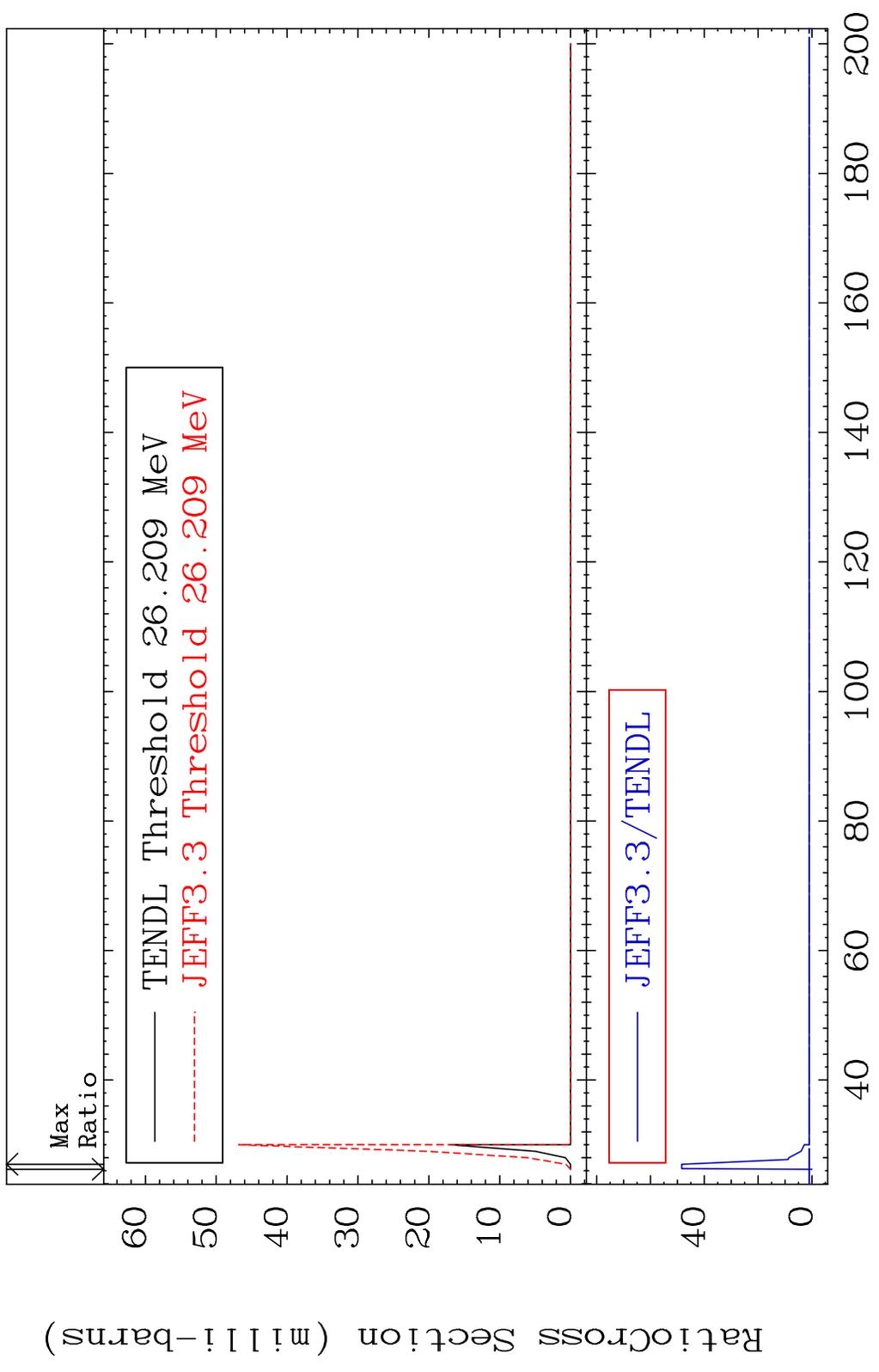


MAT 3449 (n, n') He-3:32-Ge-79m1 34-Se-82
 Radionuclide Production Cross Section 18000 dpo 624.0 %



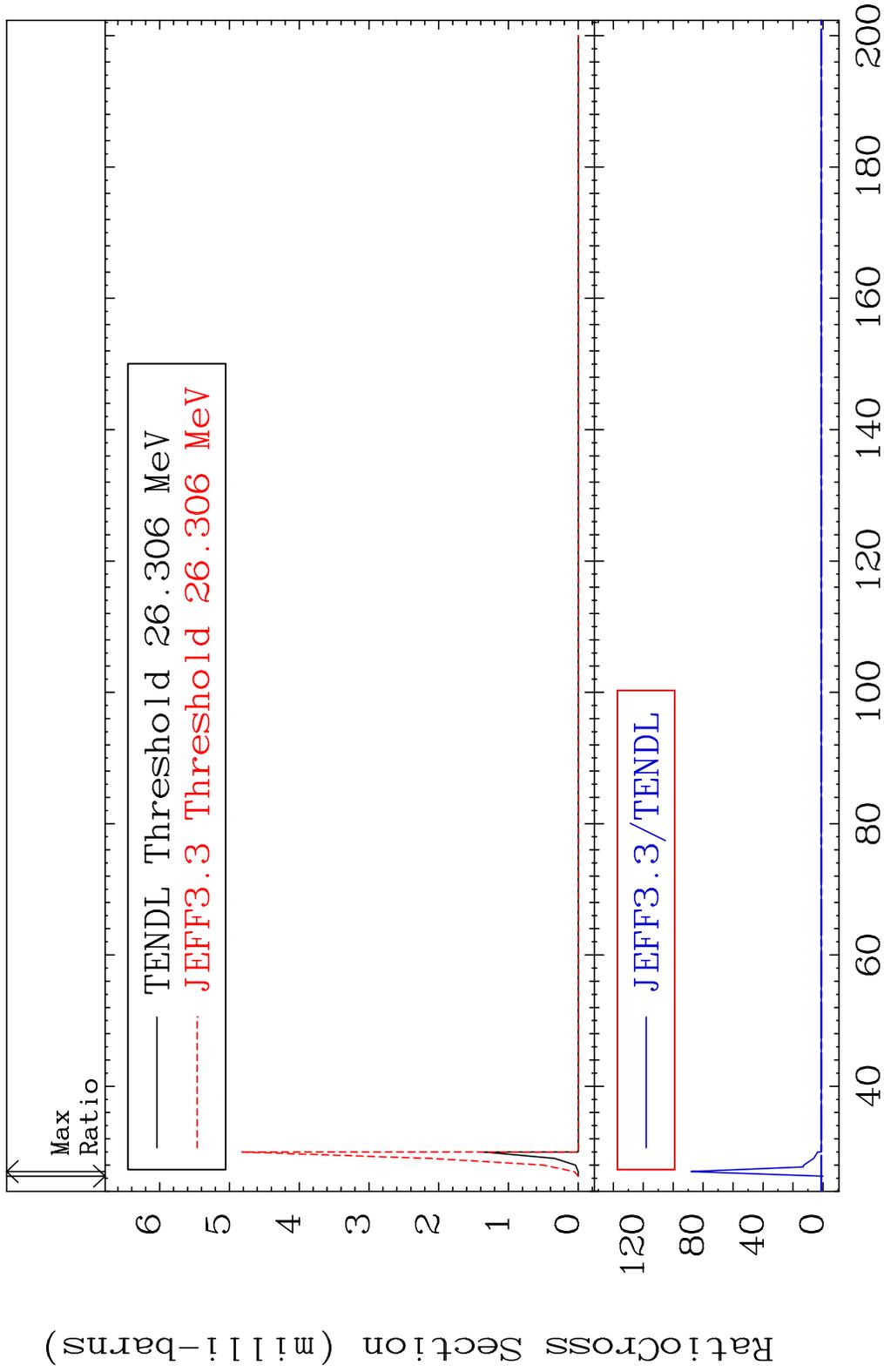
67 Incident Energy (MeV) 34-Se-82

MAT 3449 (n,4n):34-Se-79g 34-Se-82
 Radionuclide Production Cross Section 1800.0 dpo 4741. %



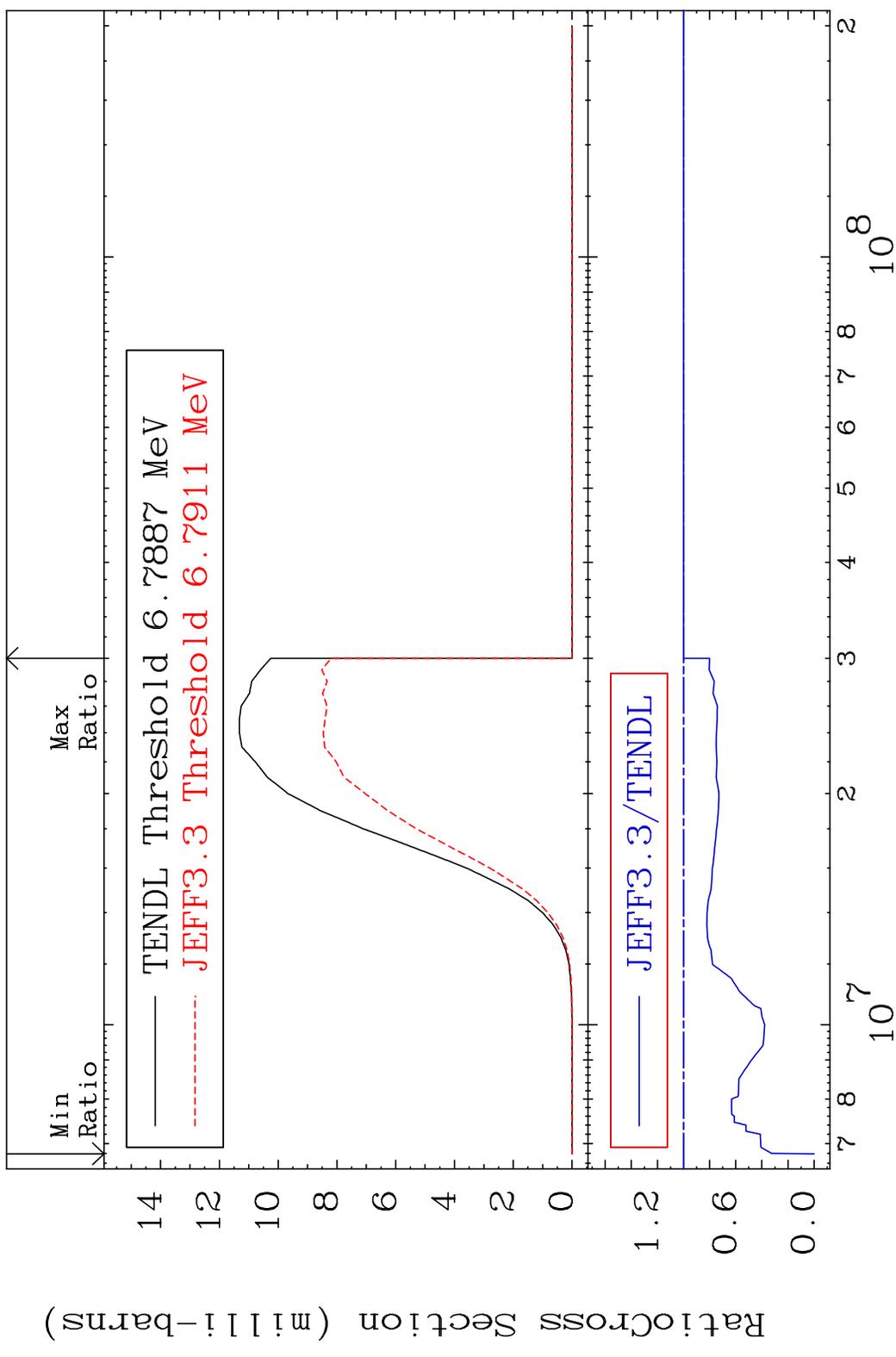
68 Incident Energy (MeV) 34-Se-82

MAT 3449 (n, 4n) : 34-Se-79m1 34-Se-82
 Radionuclide Production Cross Section 8712. %



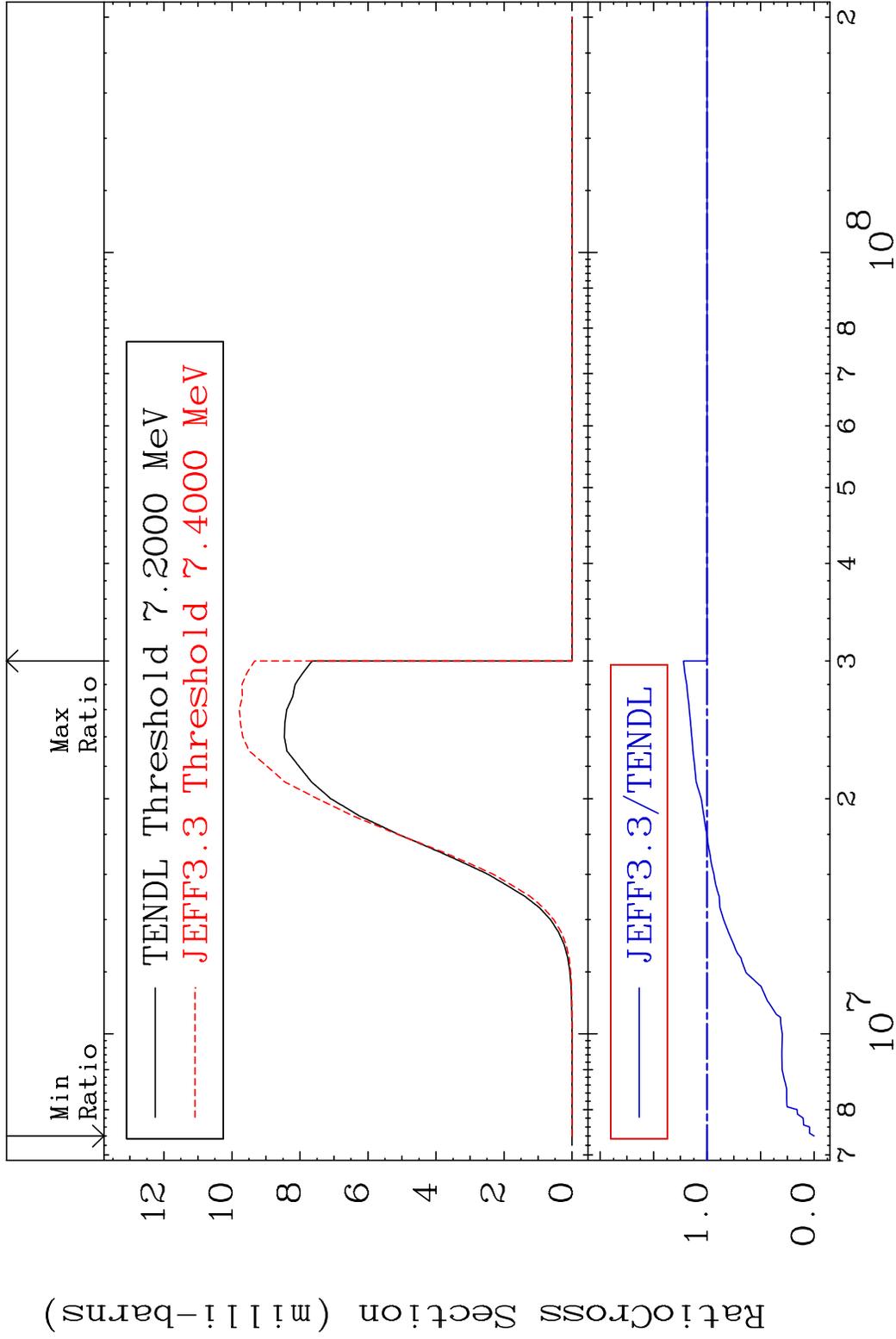
69 Incident Energy (MeV) 34-Se-82

MAT 3449 (n,p):33-As-82g 34-Se-82
 Radionuclide Production Cross Section 180000 dth 0.000 %

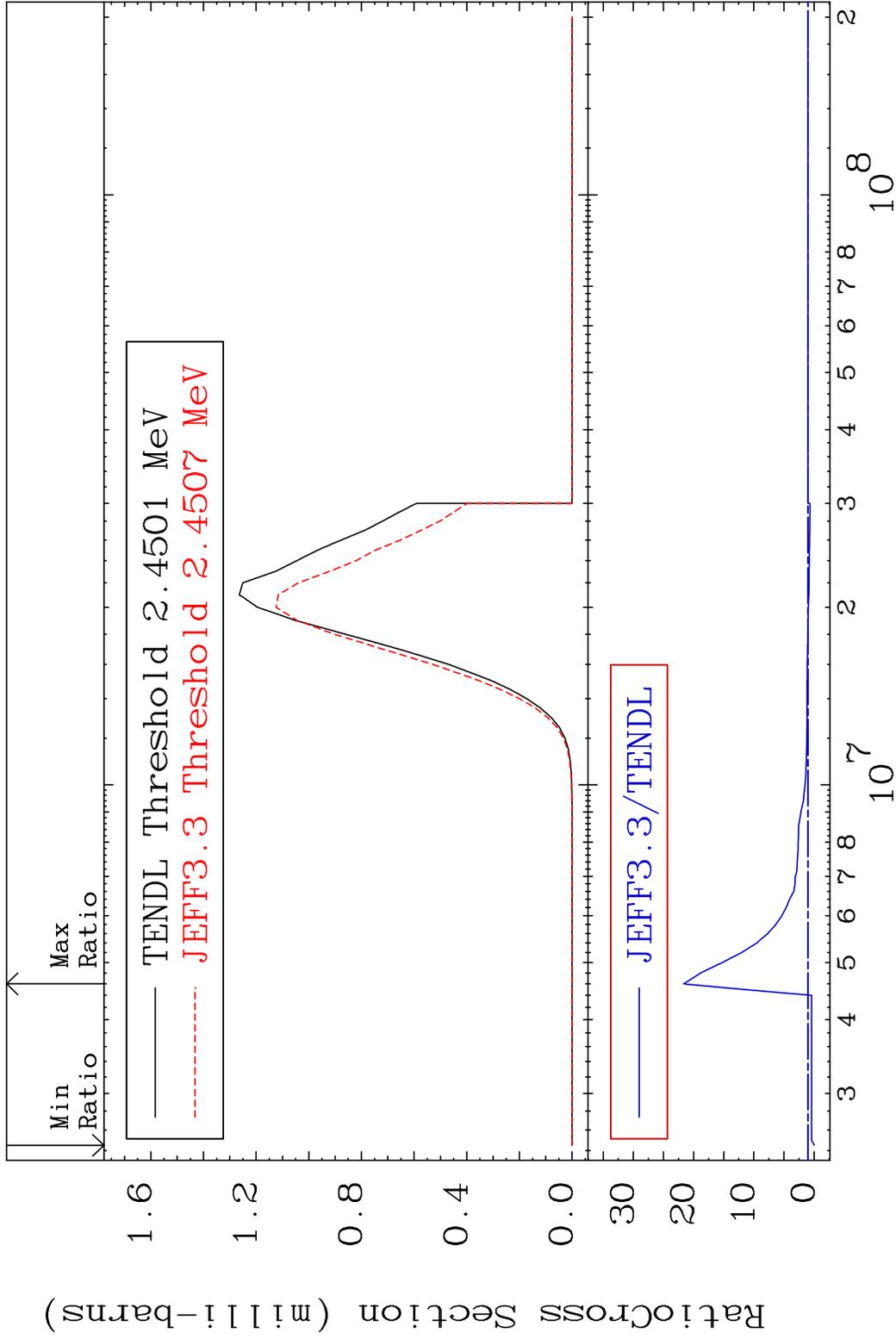


70 34-Se-82

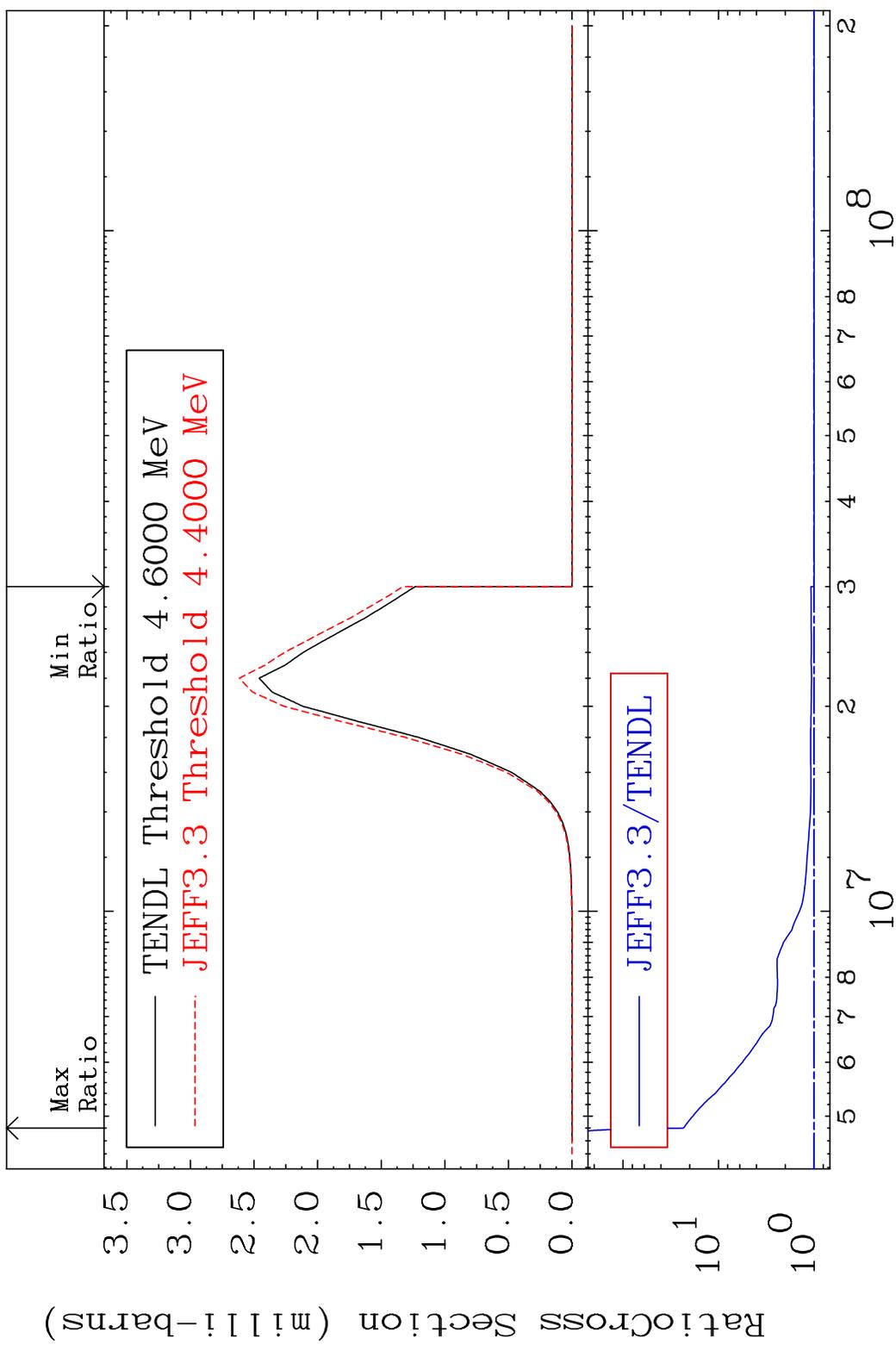
MAT 3449 (n,p):33-As-82m1 34-Se-82
 Radionuclide Production Cross Section 180000 dpo 22.08 %



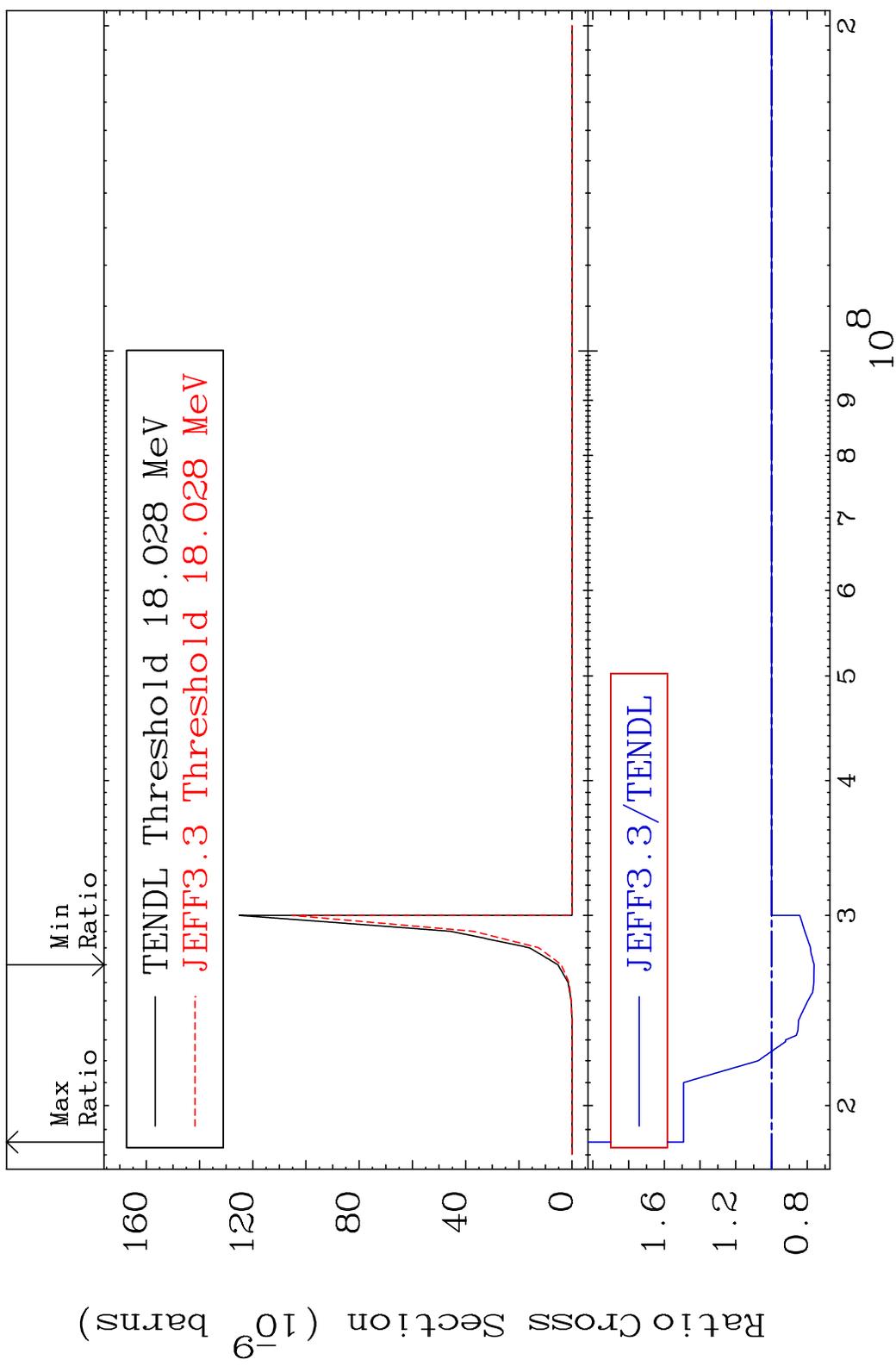
71 Incident Energy (eV) 34-Se-82



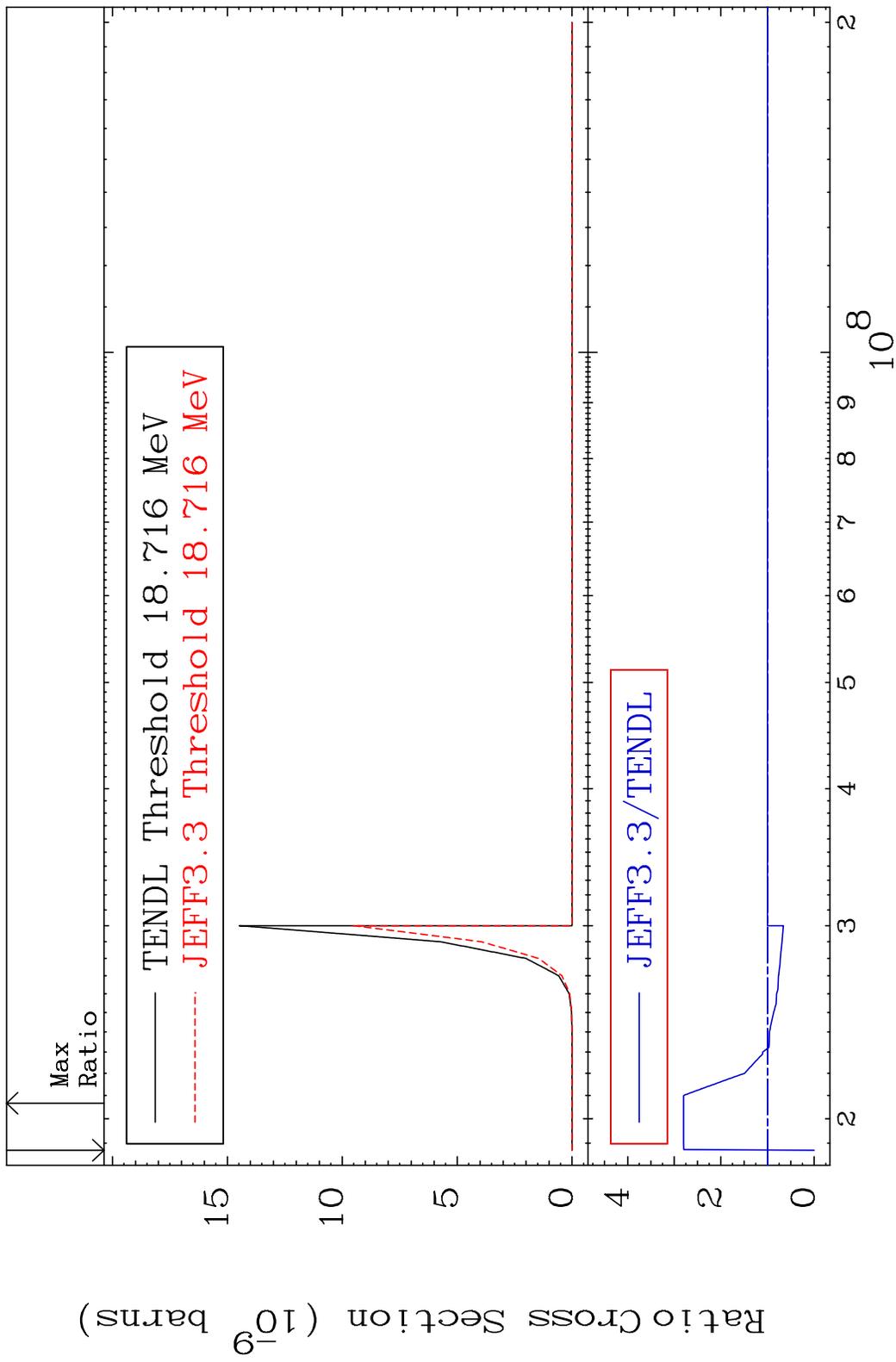
MAT 3449 (n, α):32-Ge-79m1 34-Se-82
 Radionuclide Production Cross Section 2226. %



73 Incident Energy (eV) 34-Se-82



MAT 3449 (n,2p): 32-Ge-81m1 34-Se-82
 Radionuclide Production Cross Section 180.1 %



75 34-Se-82