

Program Complot
(Version 2021-1)

by

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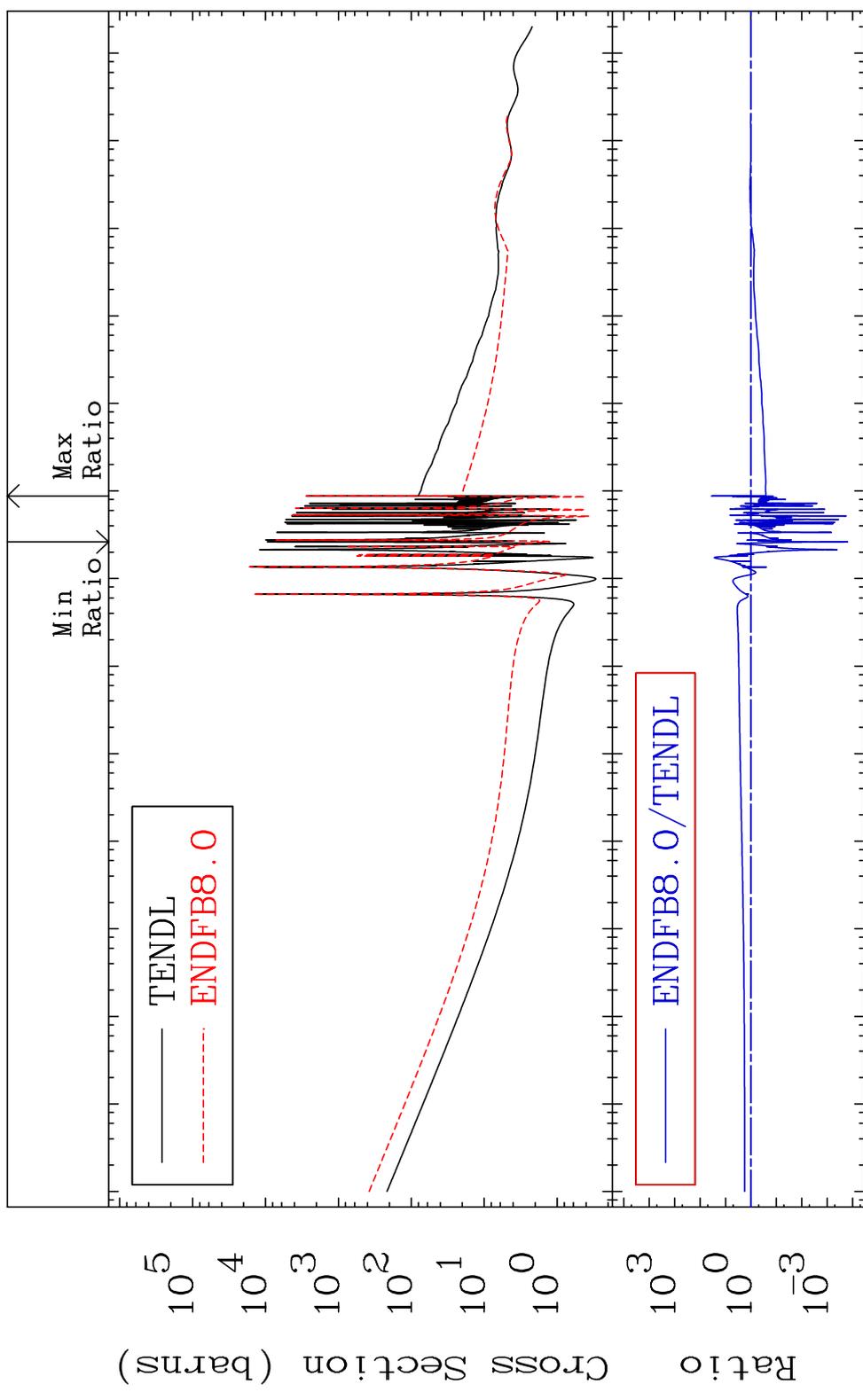
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Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5825

Total Cross Section -99.98 To 3366. %
58-Ce-136



1

Incident Energy (eV)

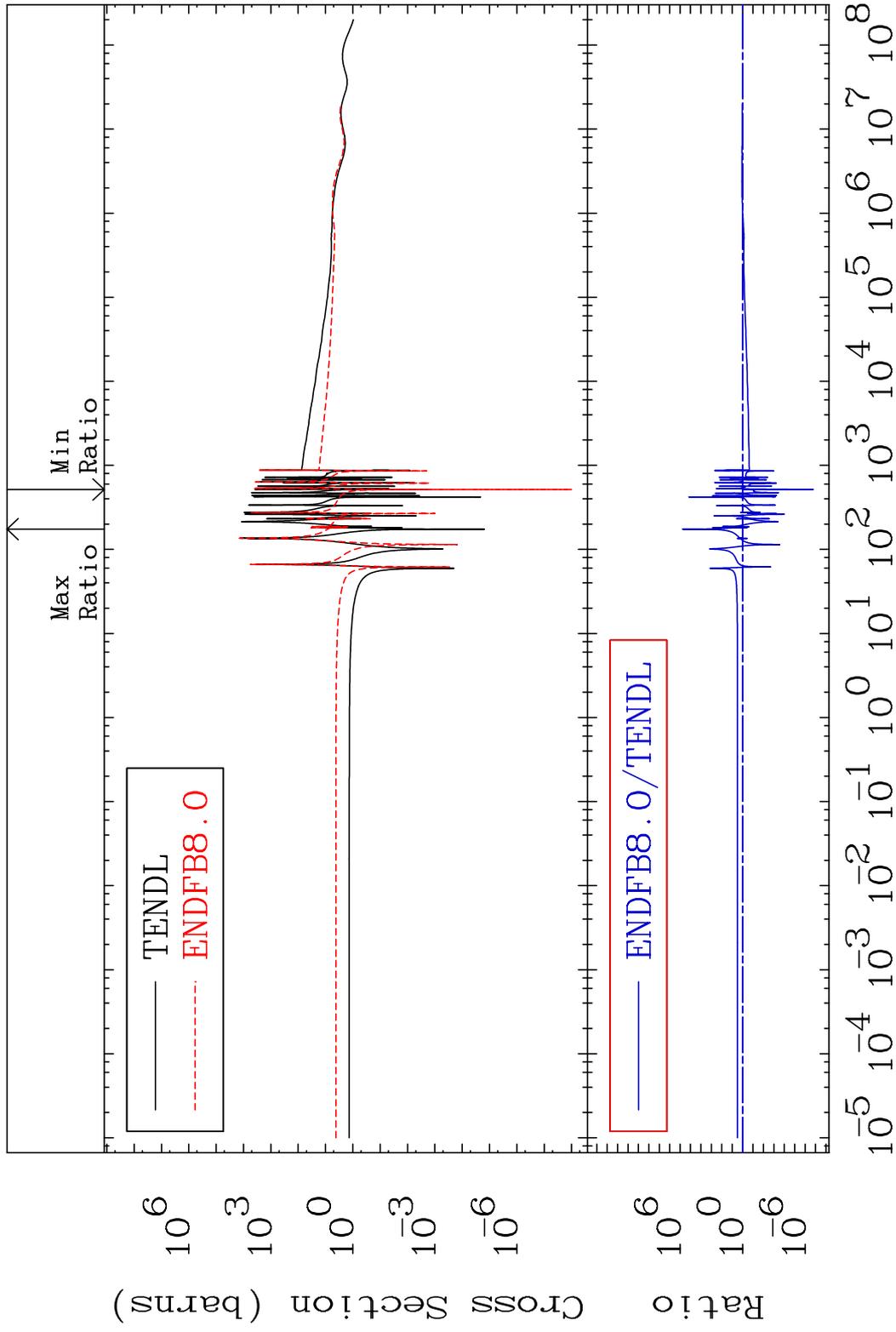
58-Ce-136

MAT 5825

Elastic

58-Ce-136

Cross Section -100.0 To 9999. %

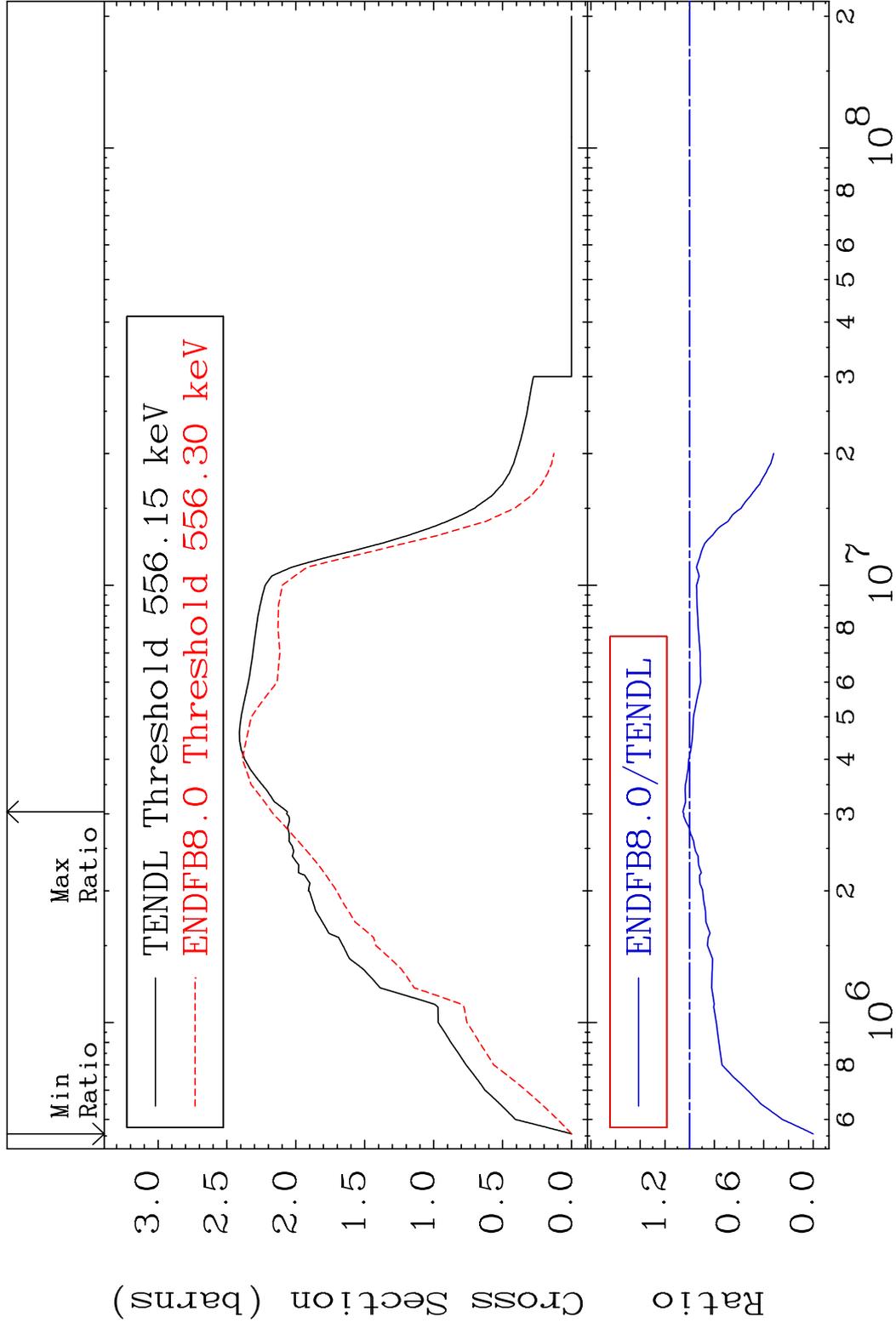


2

Incident Energy (eV)

58-Ce-136

MAT 5825 Inelastic 58-Ce-136
 Cross Section -100.0 To 5.546 %

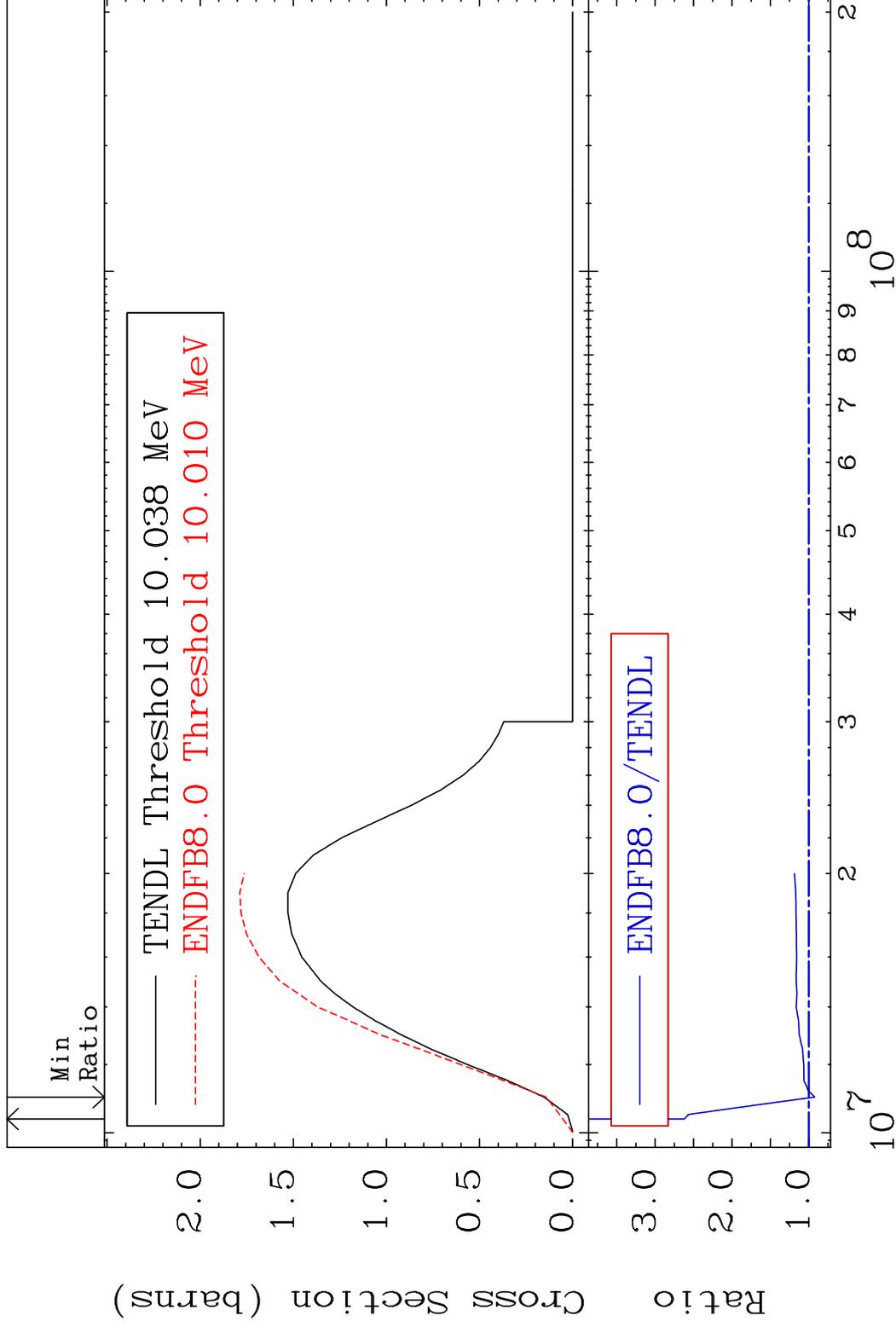


MAT 5825

(n,2n)

58-Ce-136

Cross Section -7.796 To 162.3 %



4

Incident Energy (eV)

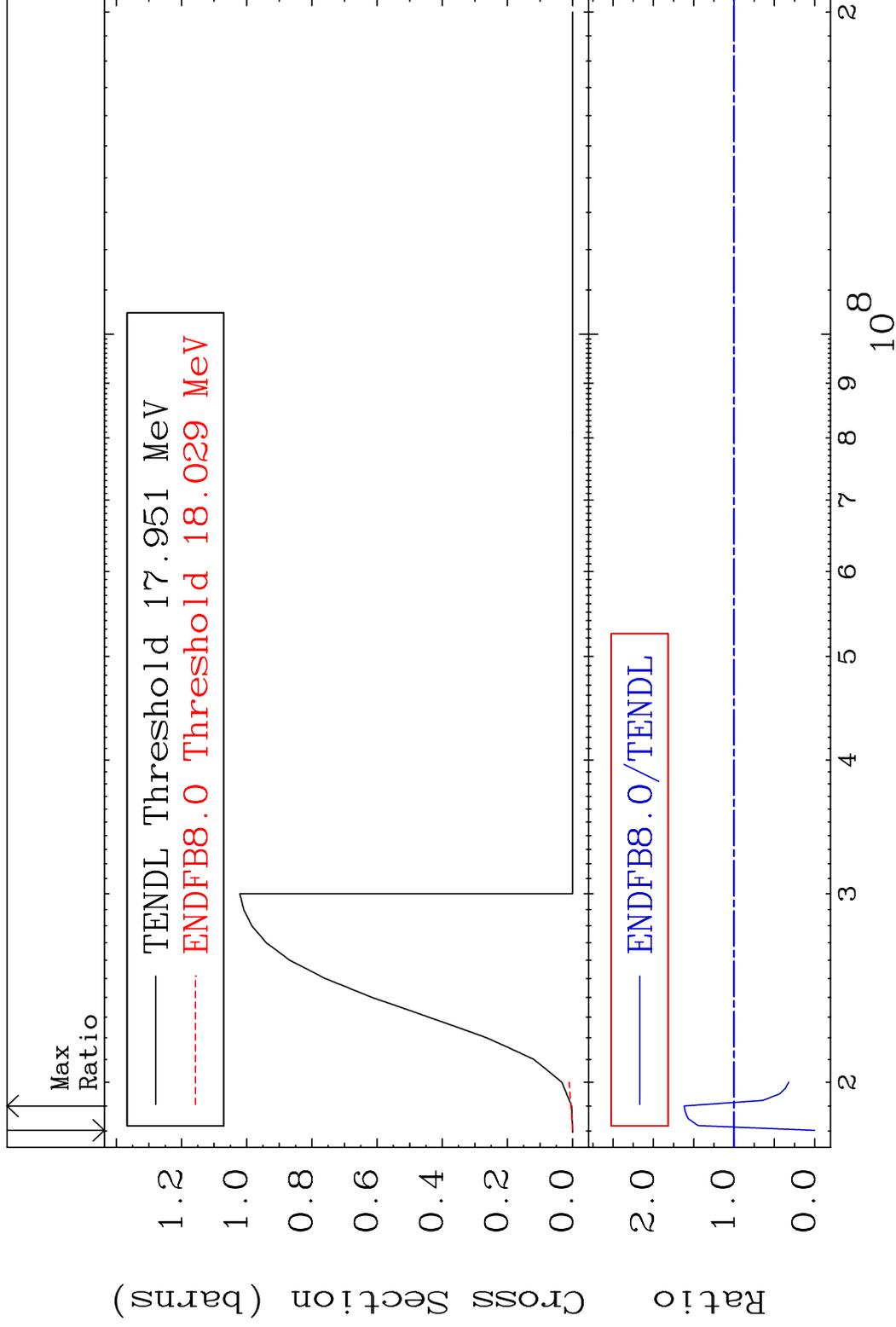
58-Ce-136

MAT 5825

(n,3n)

58-Ce-136

Cross Section -100.0 To 61.89 %

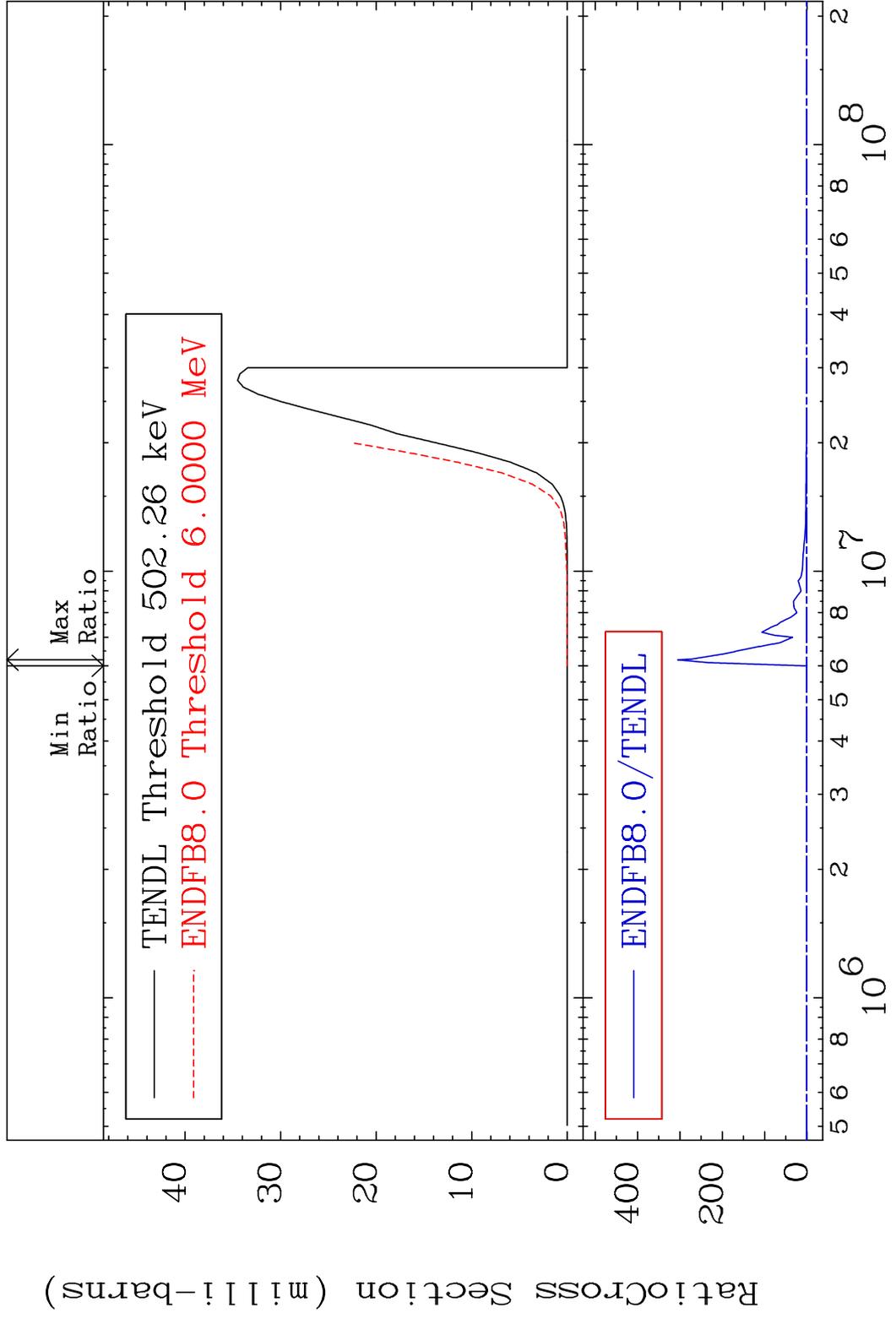


5

Incident Energy (eV)

58-Ce-136

MAT 5825 (n, n') α 58-Ce-136
 Cross Section -100.0 To 9999. %



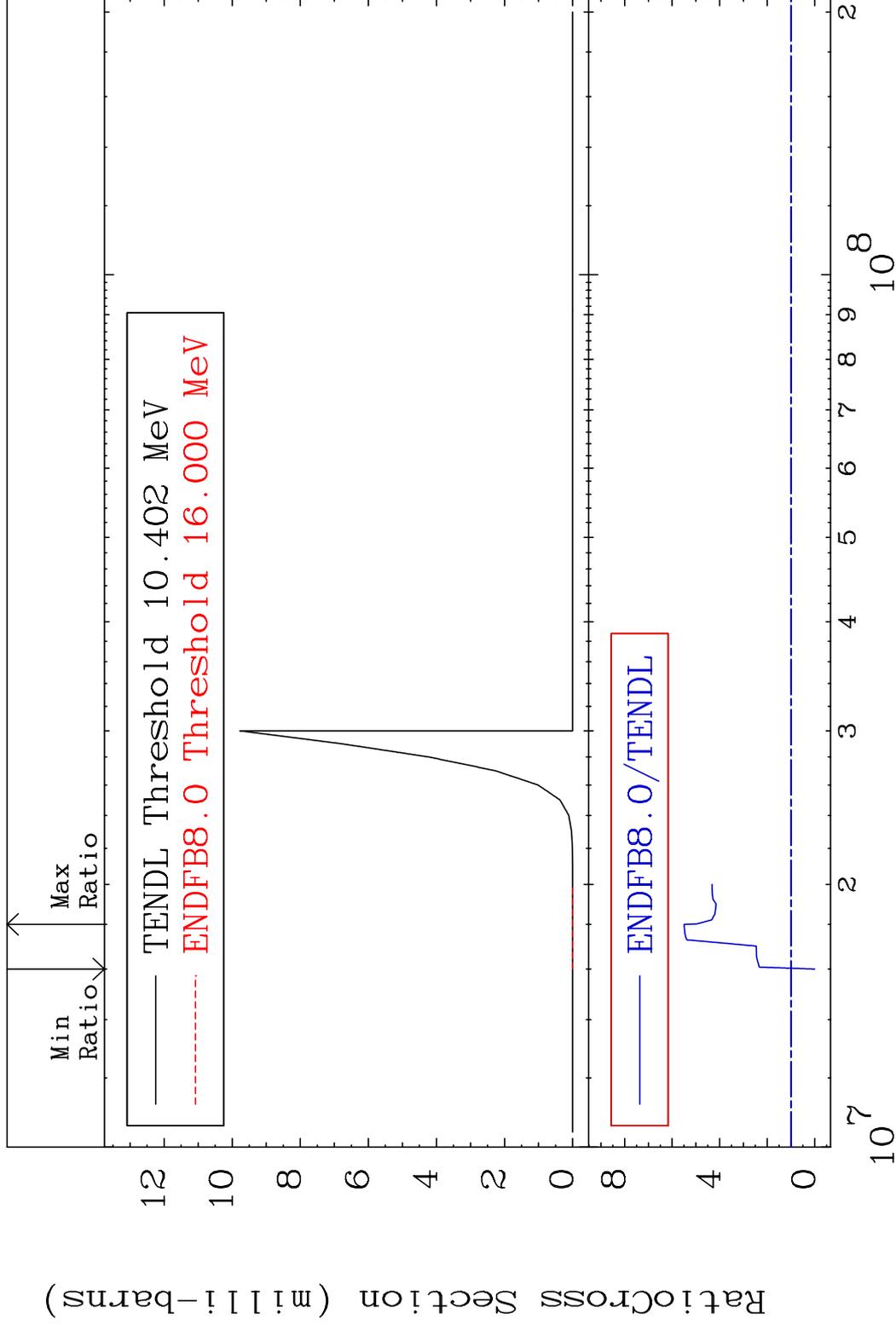
6 Incident Energy (eV) 58-Ce-136

MAT 5825

(n,2n) α

58-Ce-136

Cross Section -100.0 To 449.6 %



7

Incident Energy (eV)

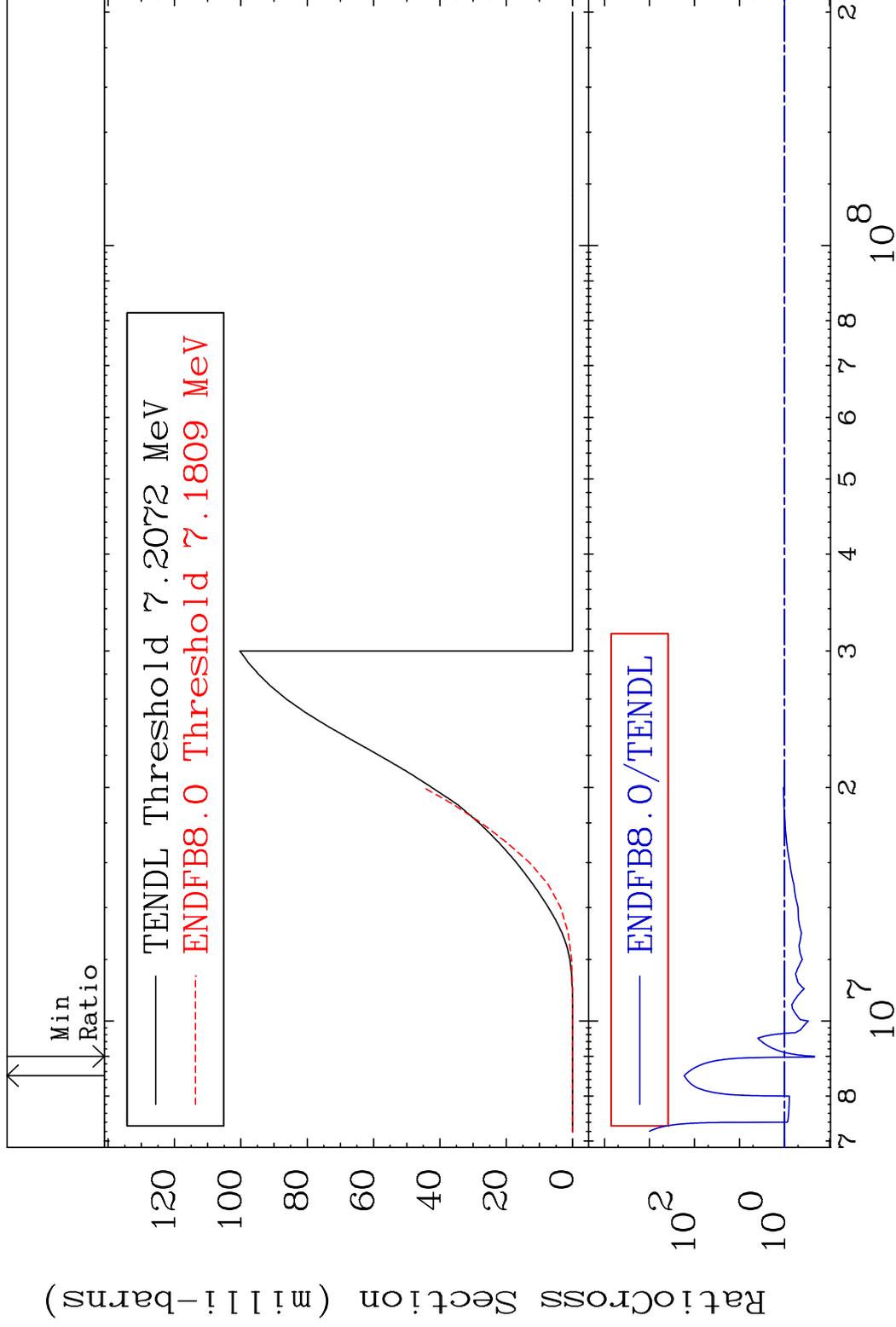
58-Ce-136

MAT 5825

(n, n') p

58-Ce-136

Cross Section -78.58 To 9999. %



8

Incident Energy (eV)

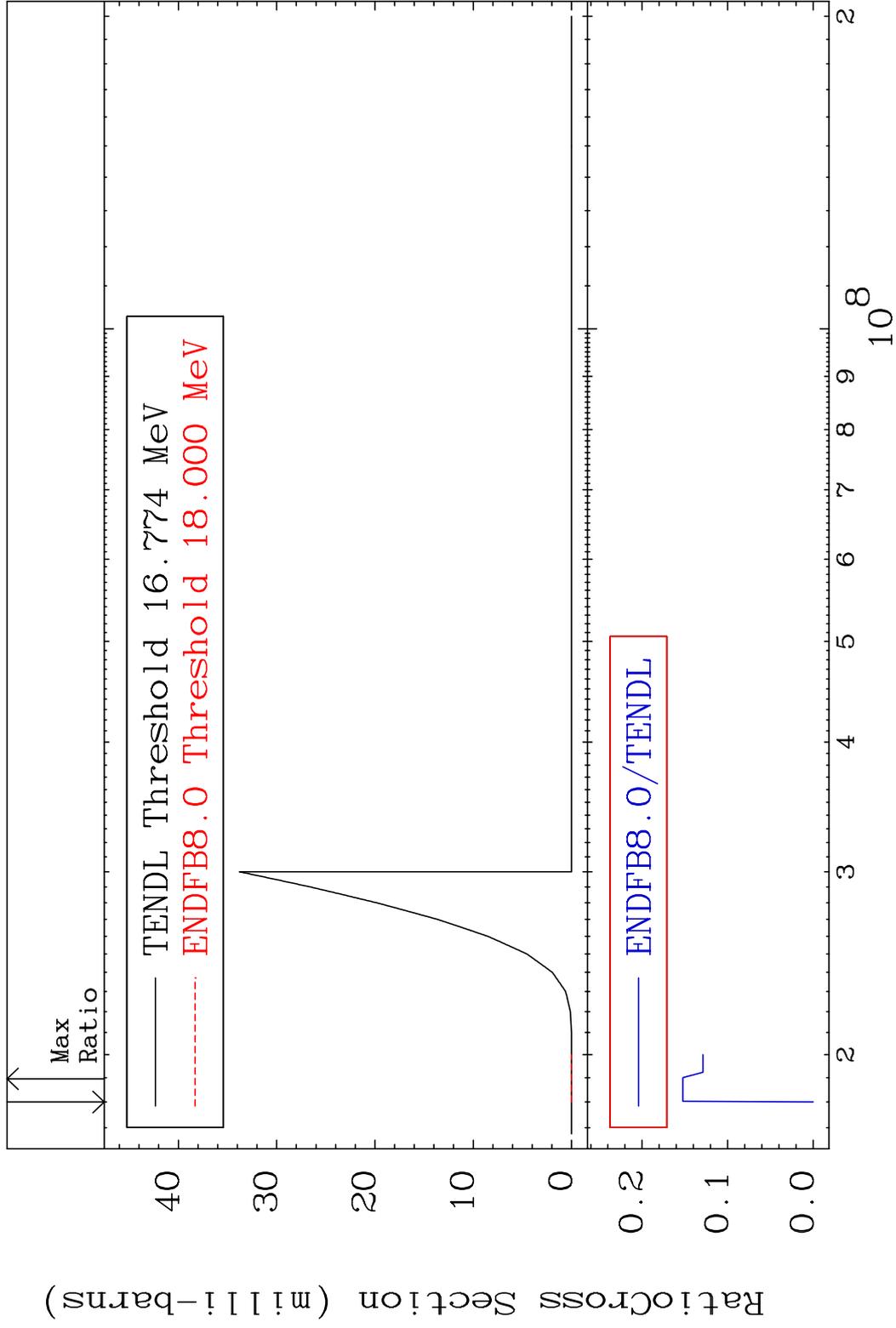
58-Ce-136

MAT 5825

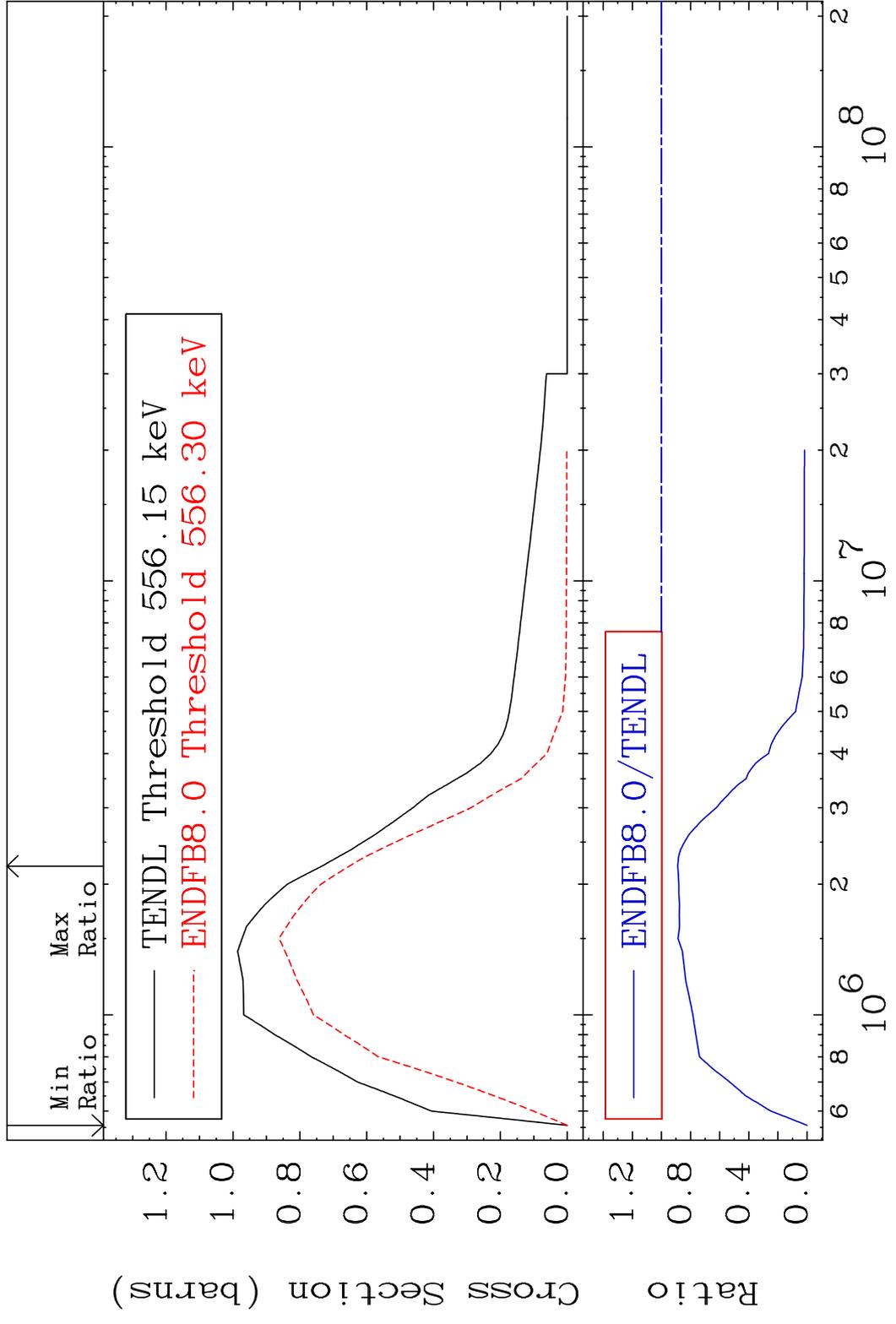
(n,2n) p

58-Ce-136

Cross Section -100.0 To -84.76%

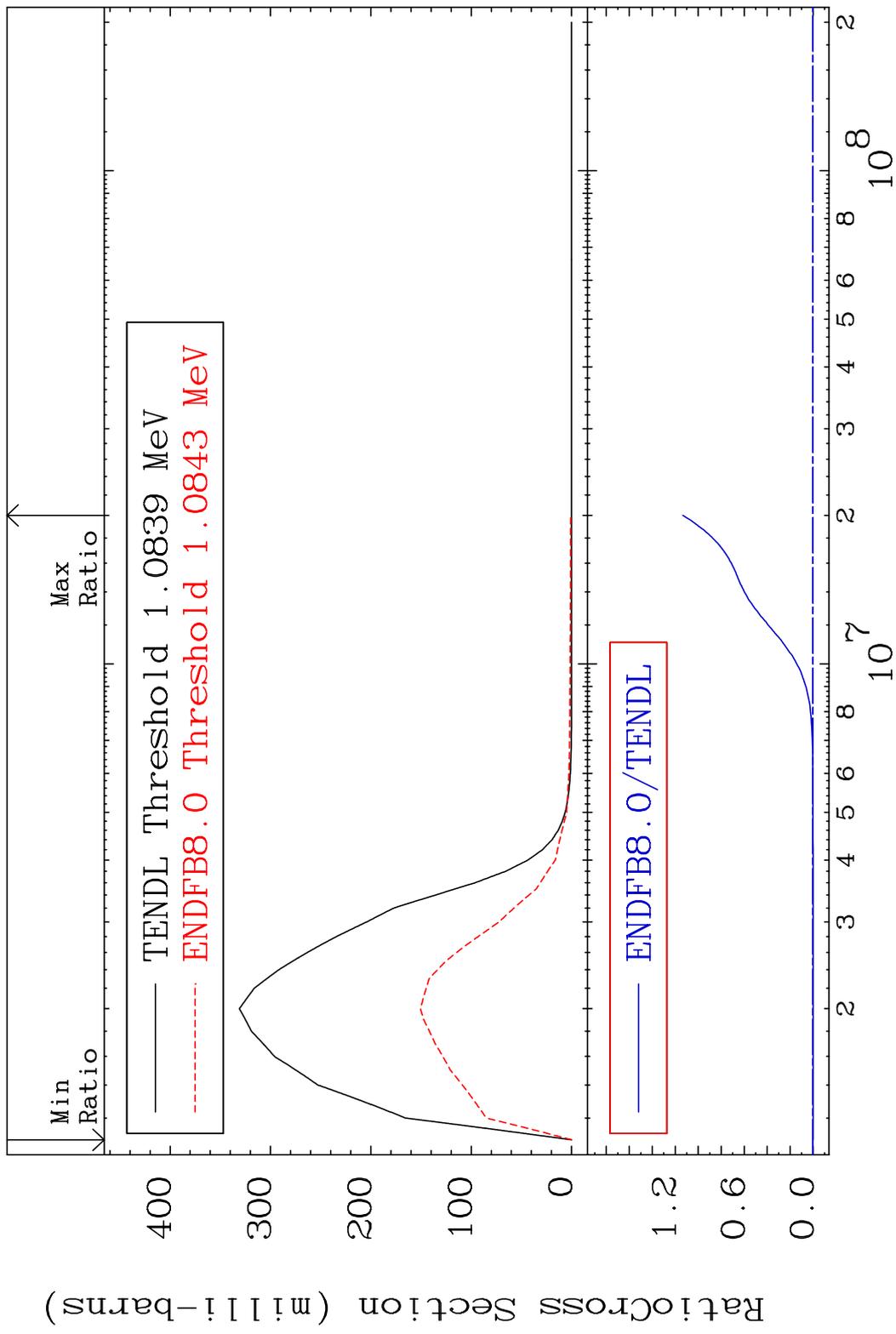


MAT 5825 MT= 51 (n,n') Level 58-Ce-136
 Cross Section -100.0 To -11.17%

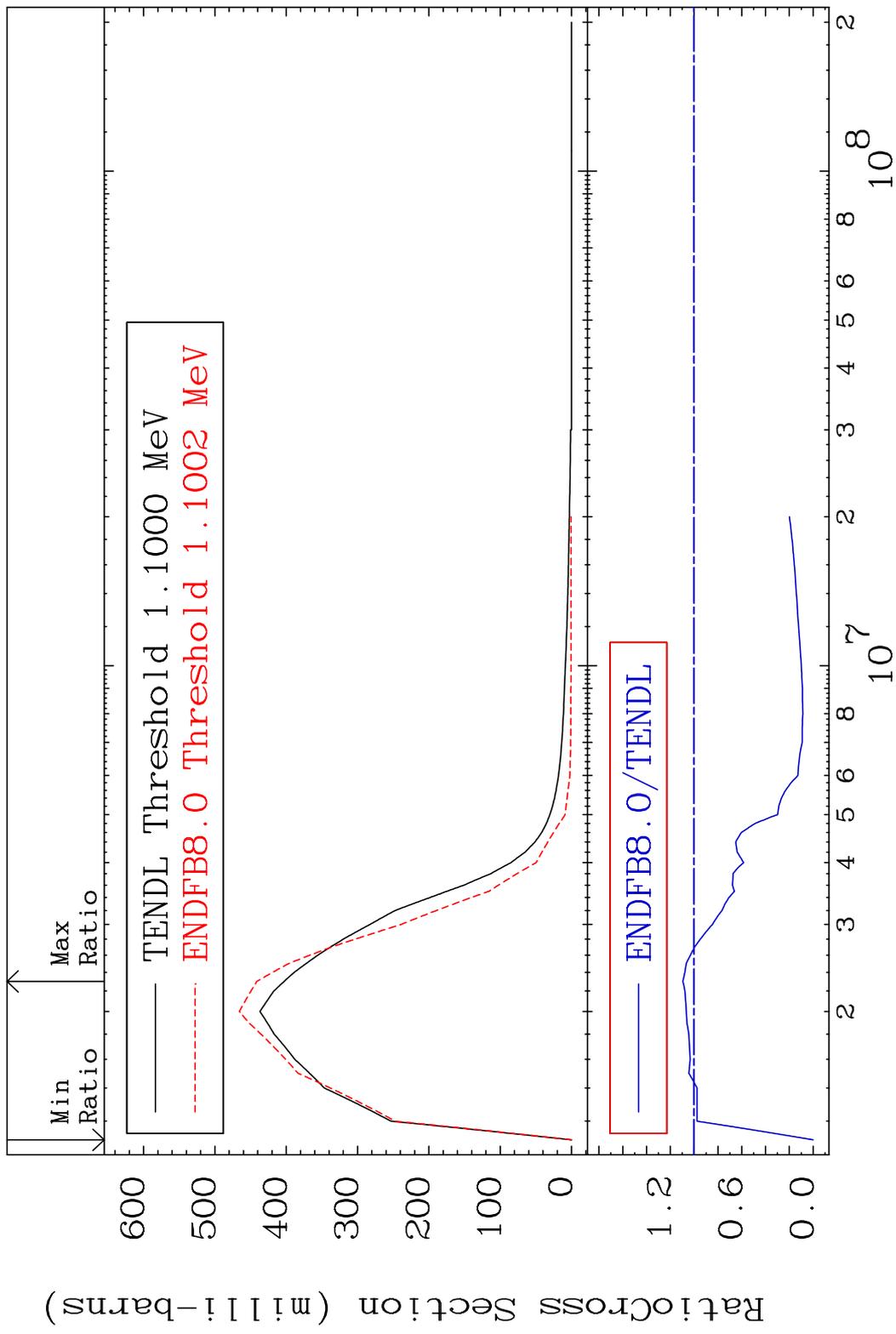


10 Incident Energy (eV) 58-Ce-136

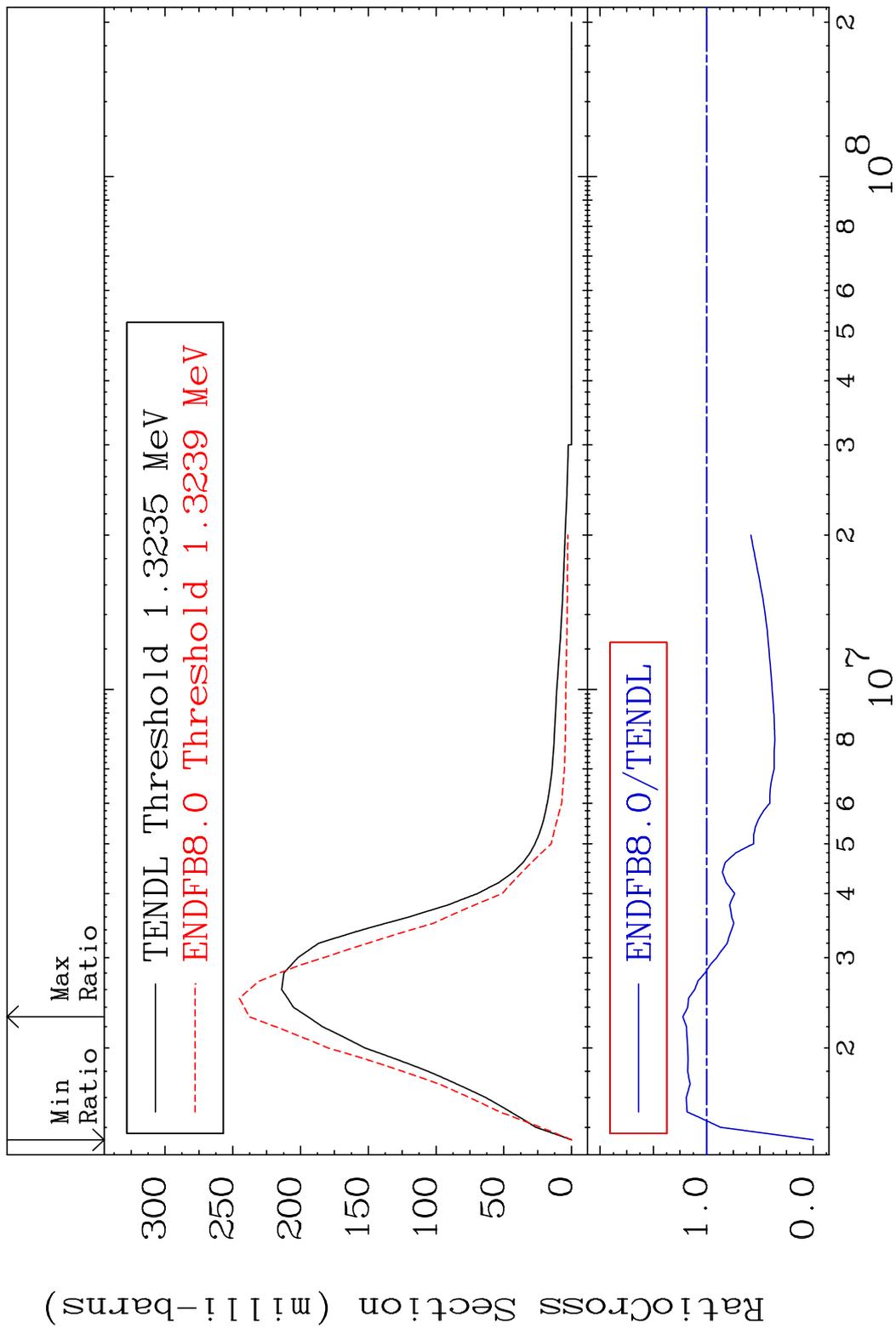
MAT 5825 MT= 52 (n, n') Level 58-Ce-136
 Cross Section -100.0 To 9999. %



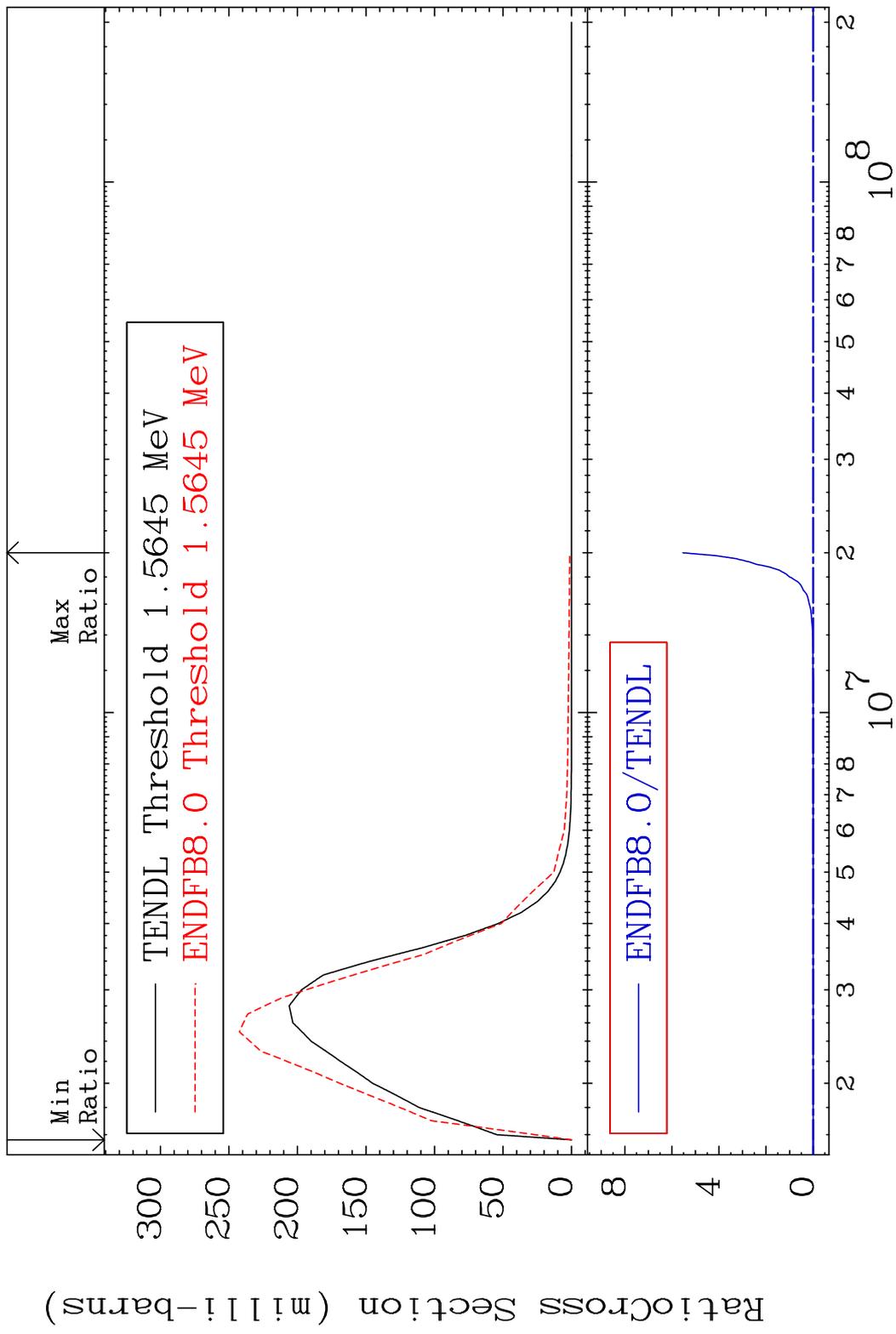
MAT 5825 MT= 53 (n, n') Level 58-Ce-136
 Cross Section -100.0 To 9.499 %



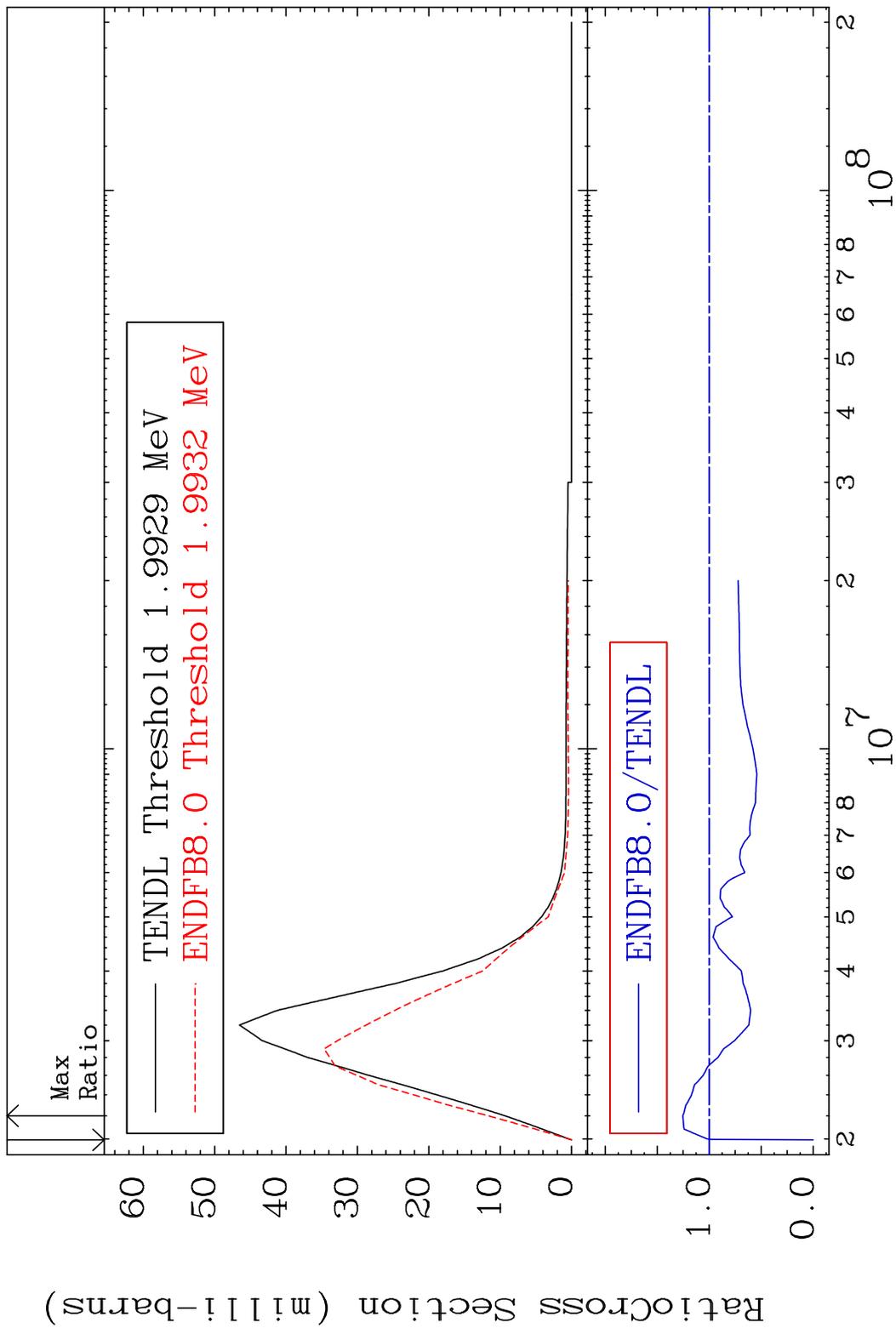
MAT 5825 MT= 54 (n,n') Level 58-Ce-136
 Cross Section -100.0 To 22.31 %



MAT 5825 MT= 55 (n, n') Level 58-Ce-136
 Cross Section -100.0 To 9999. %



MAT 5825 MT= 56 (n,n') Level 58-Ce-136
 Cross Section -100.0 To 25.35 %

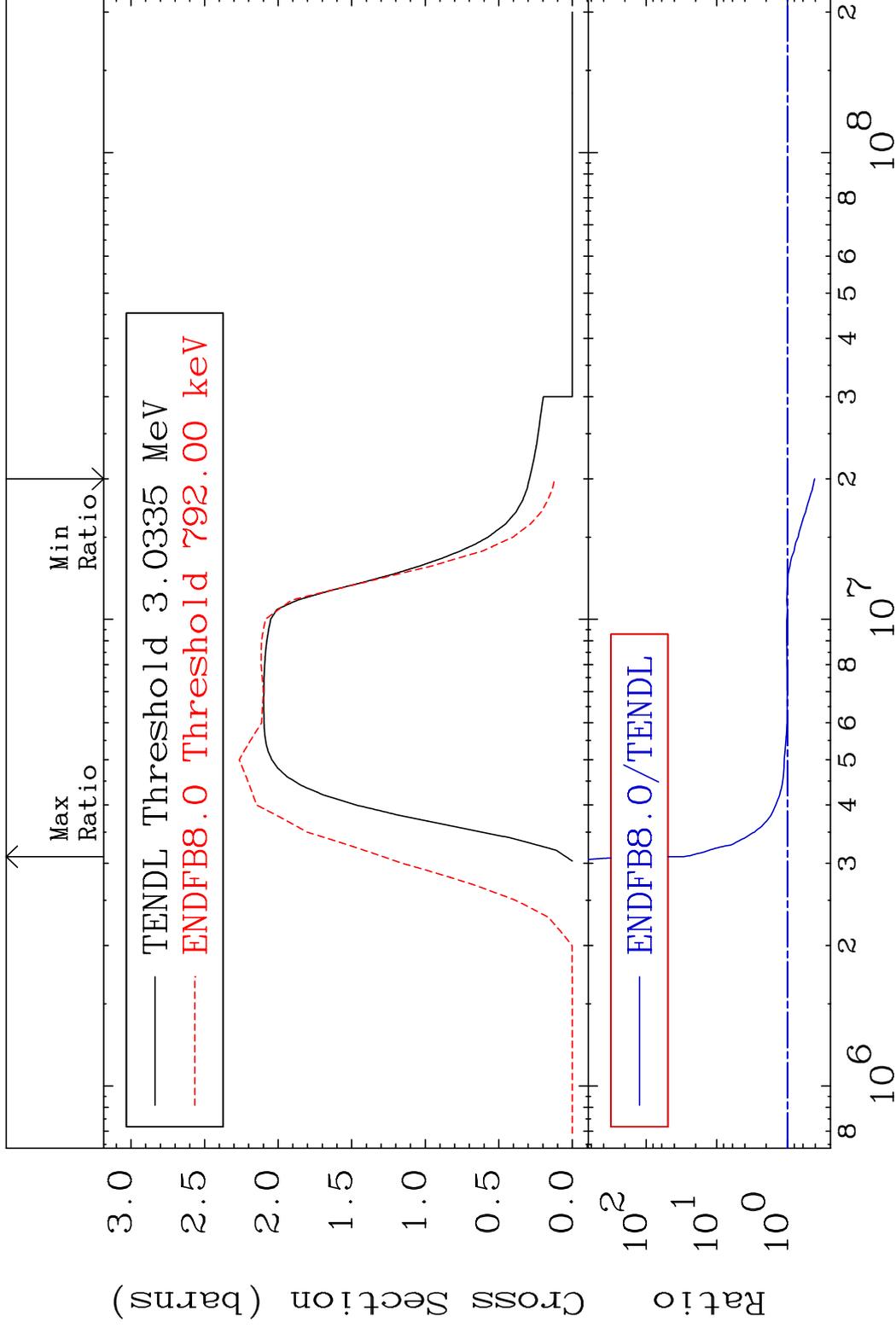


MAT 5825

(n, n') Continuum

58-Ce-136

Cross Section -58.89 To 2822. %



16

Incident Energy (eV)

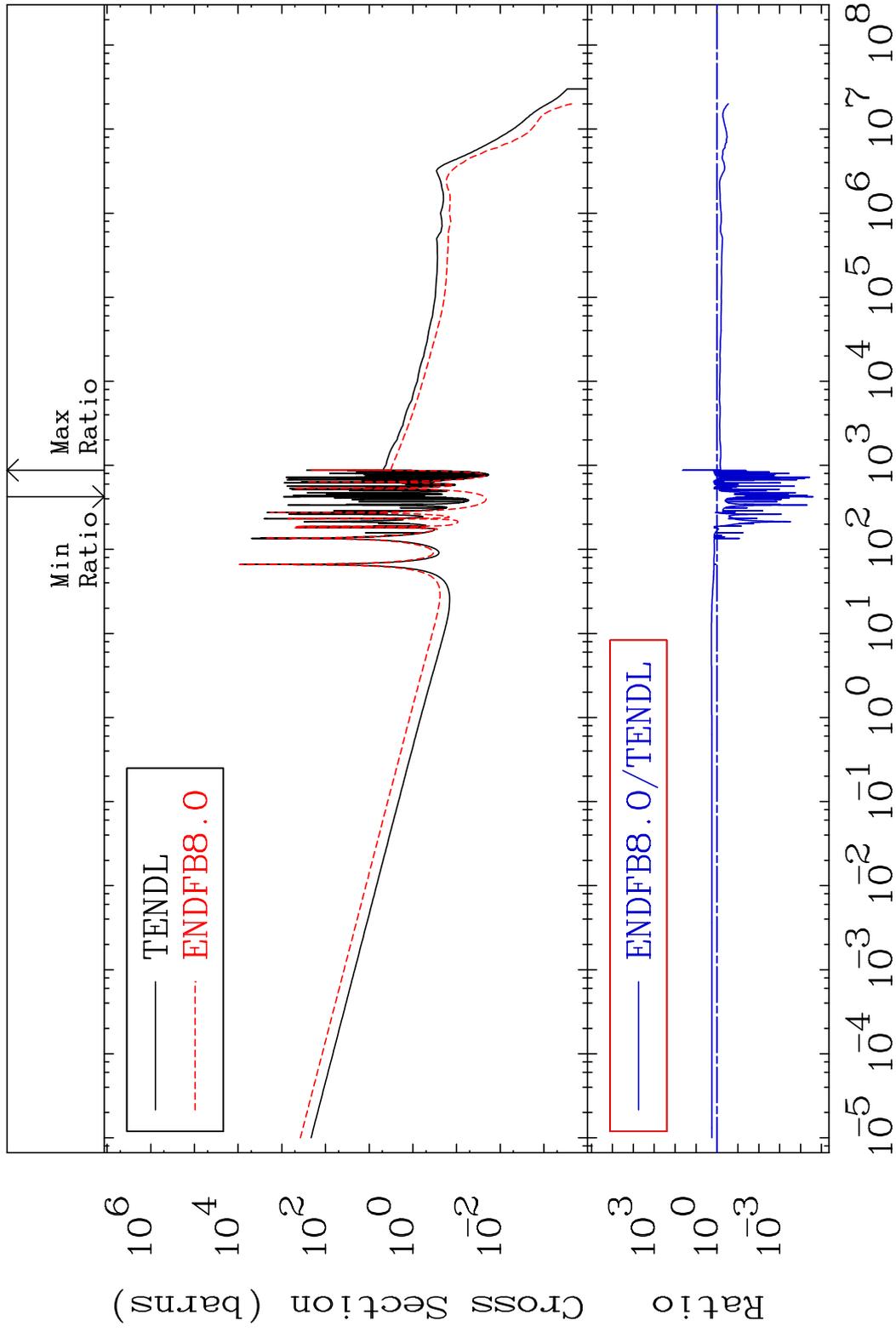
58-Ce-136

MAT 5825

(n, γ)

58-Ce-136

Cross Section -100.0 To 4177. %



17

Incident Energy (eV)

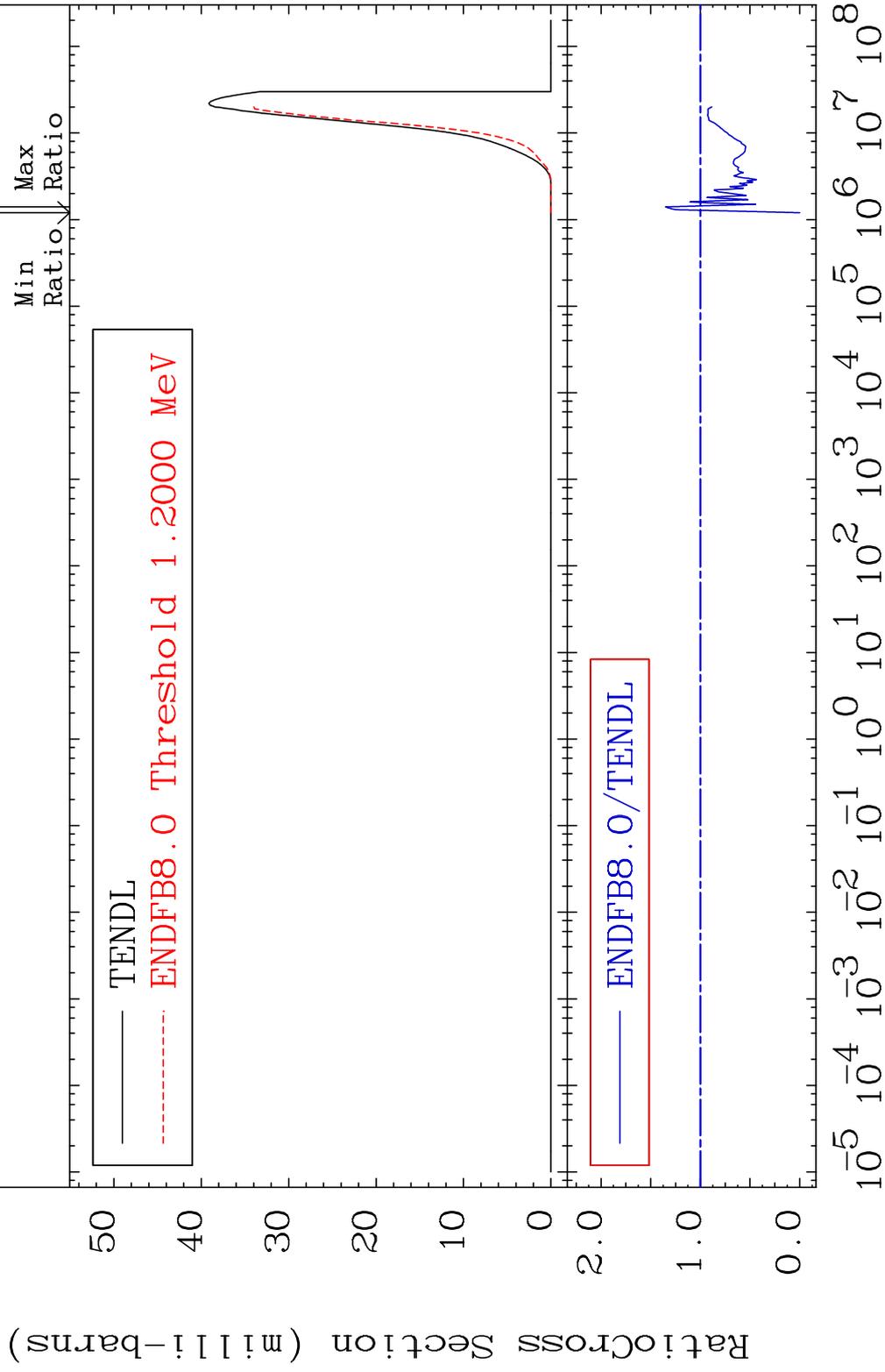
58-Ce-136

MAT 5825

(n,p)

58-Ce-136

Cross Section -100.0 To 35.10 %

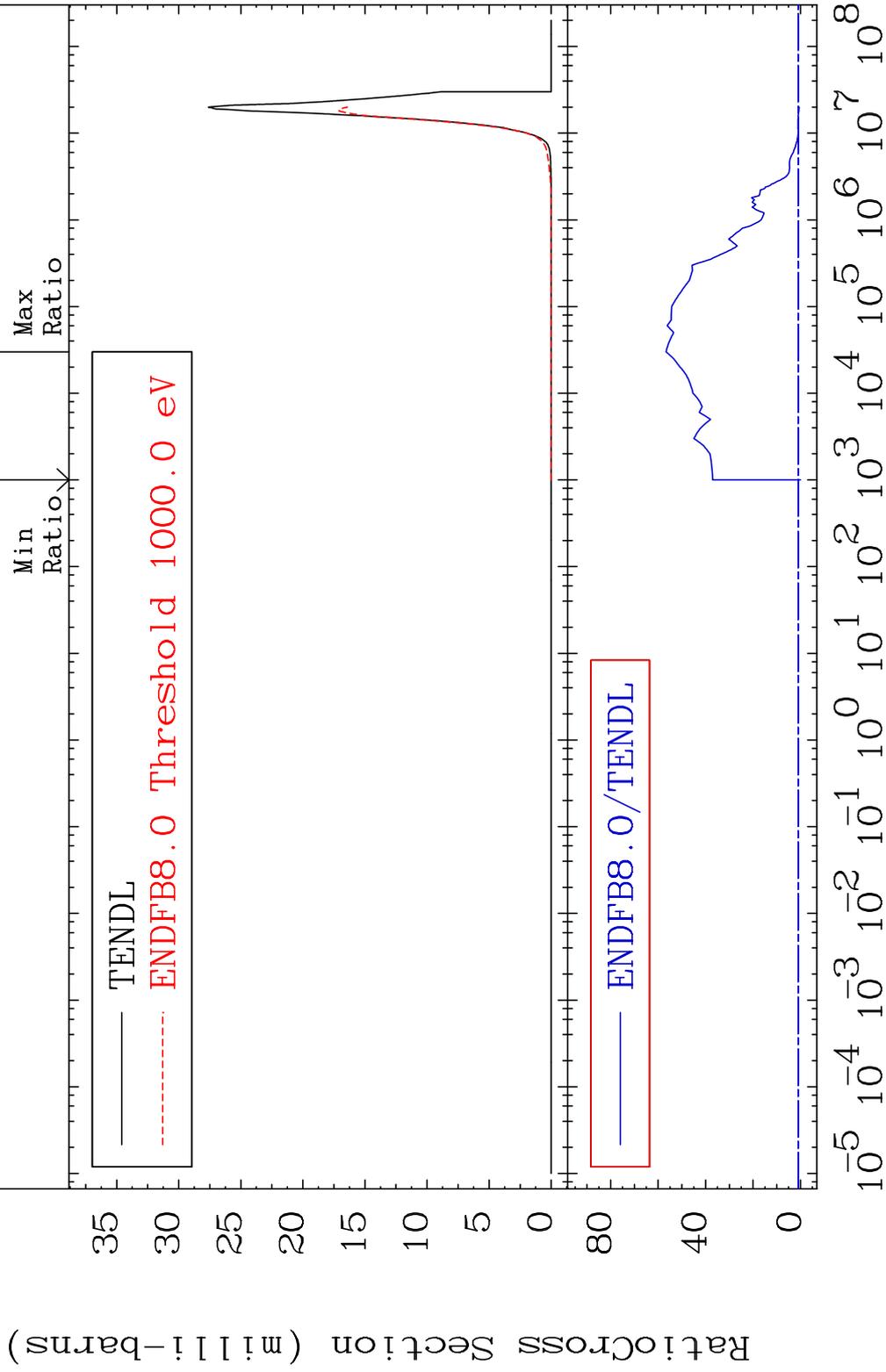


MAT 5825

(n, α)

58-Ce-136

Cross Section -100.0 To 5568. %



19

Incident Energy (eV)

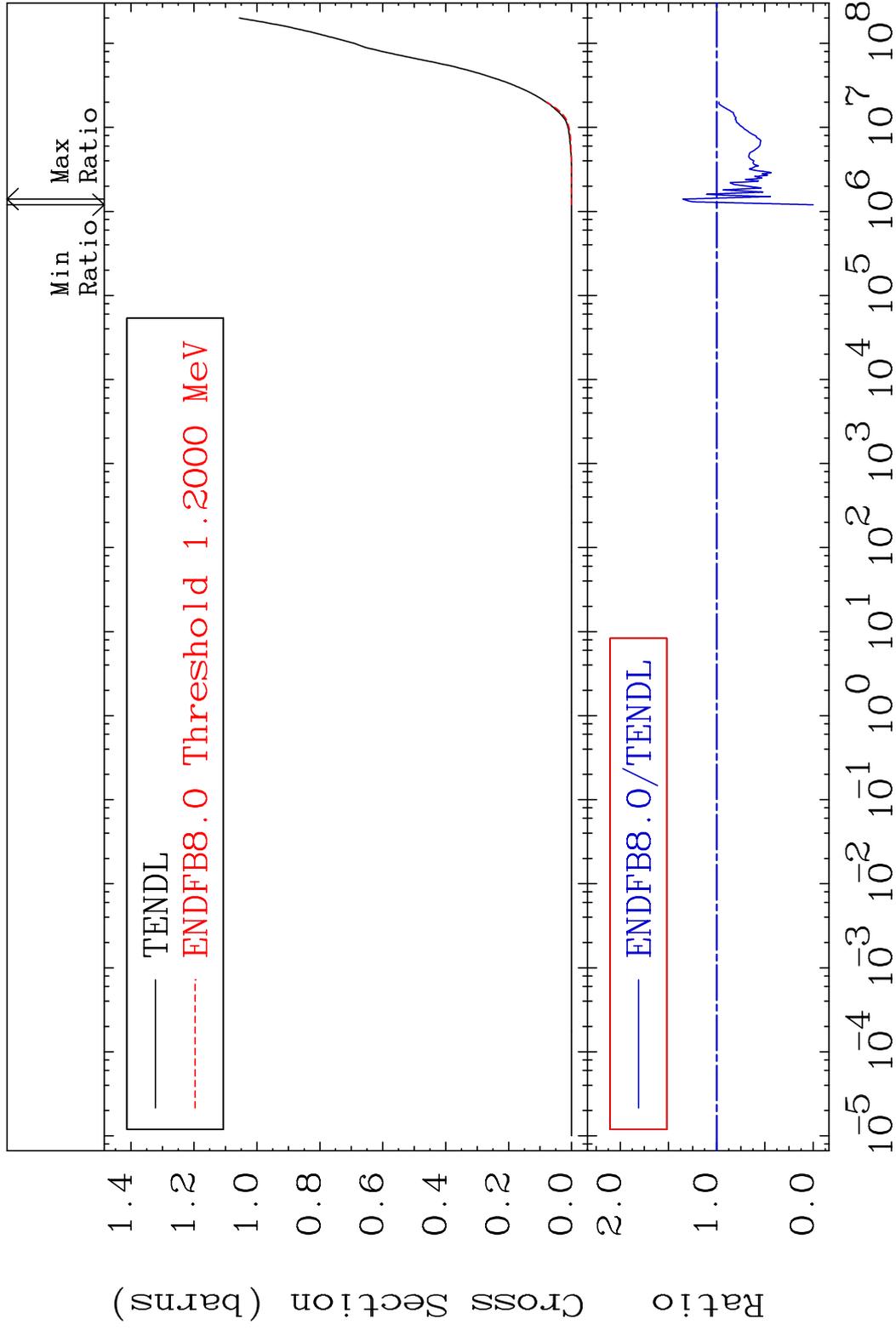
58-Ce-136

MAT 5825

Hydrogen Production

58-Ce-136

Cross Section -100.0 To 35.10 %



20

Incident Energy (eV)

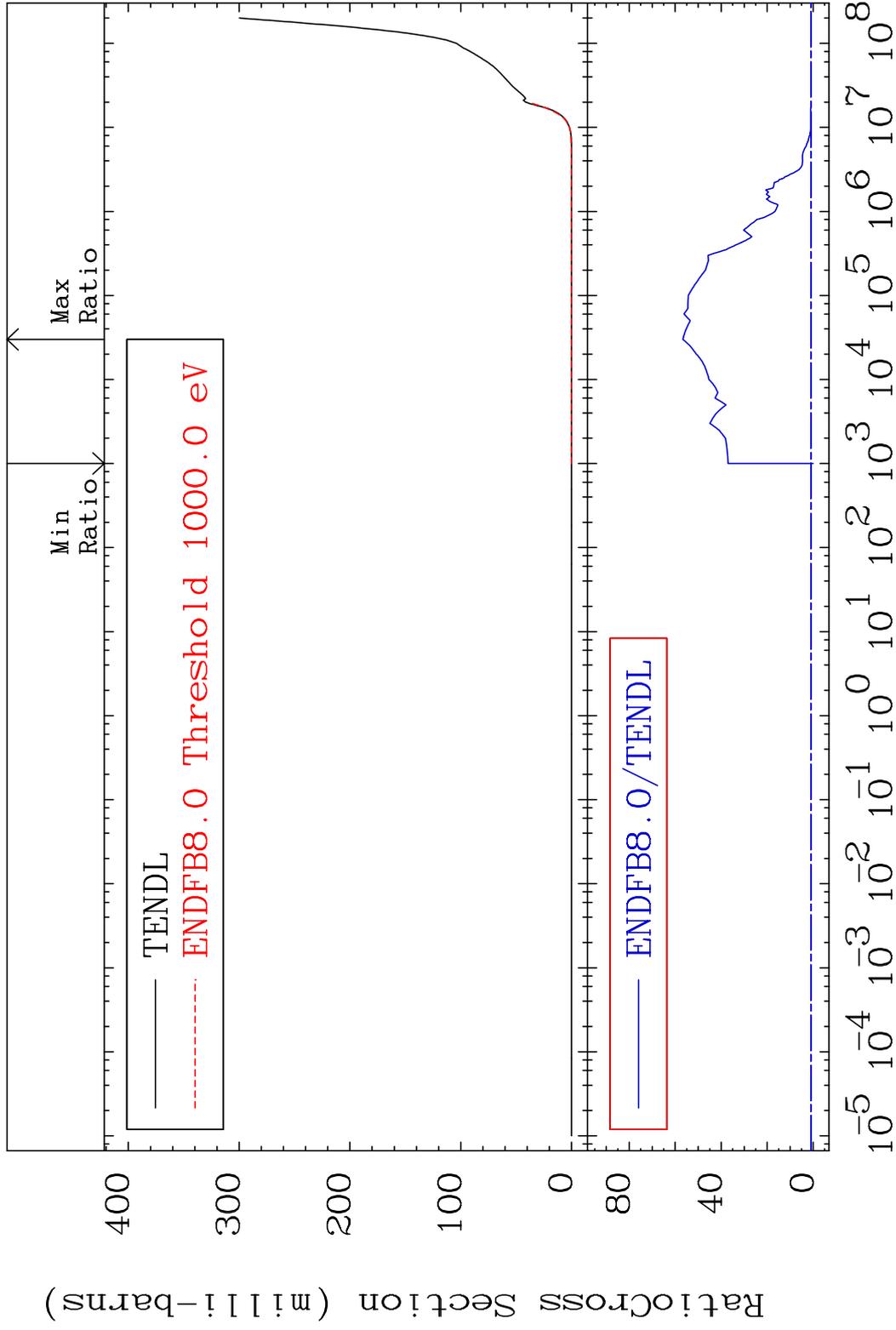
58-Ce-136

MAT 5825

He-4 Production

58-Ce-136

Cross Section -100.0 To 5568. %

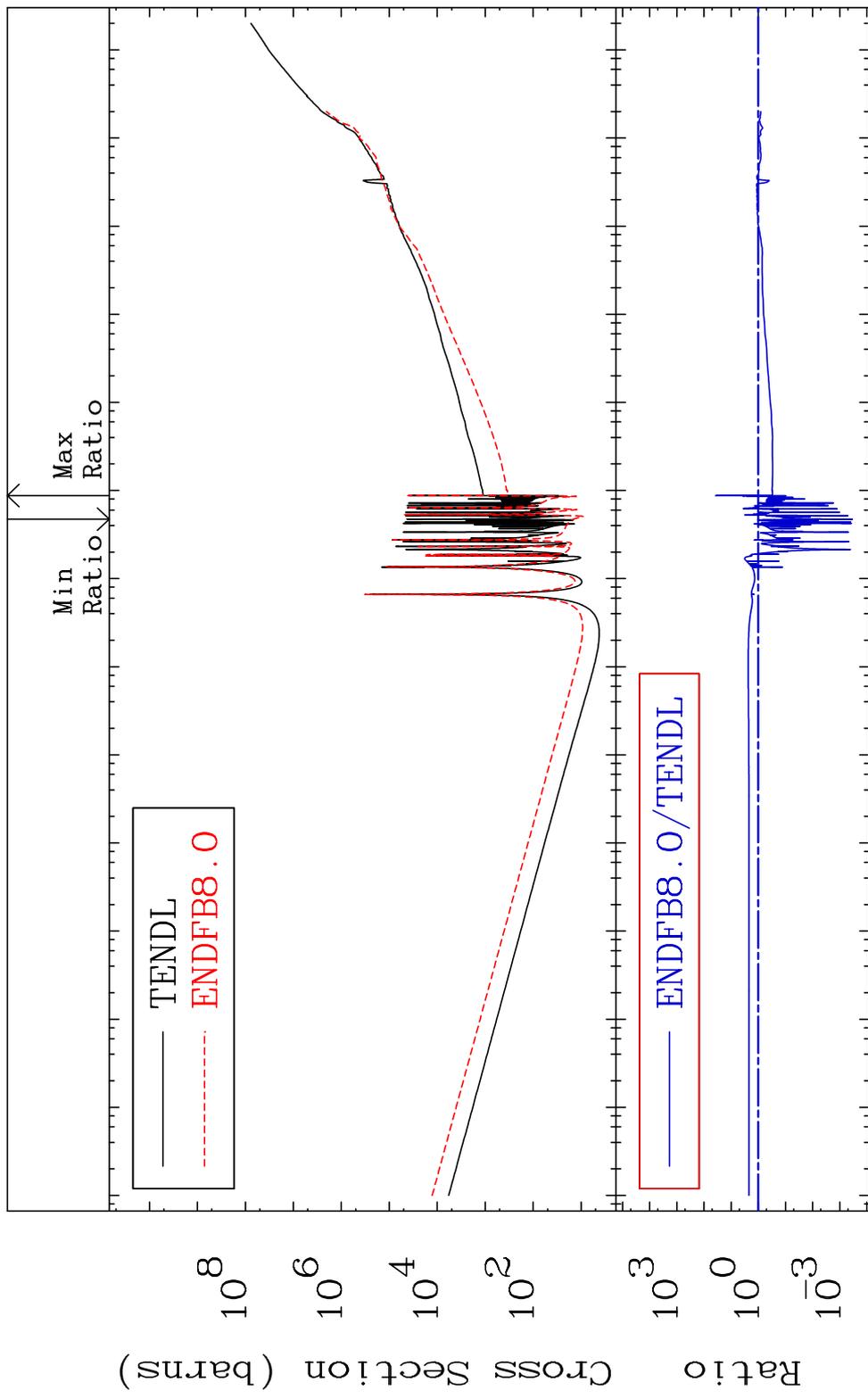


21

Incident Energy (eV)

58-Ce-136

MAT 5825 Kerma total (eV-barns) 58-Ce-136
 Cross Section -99.97 To 3548. %



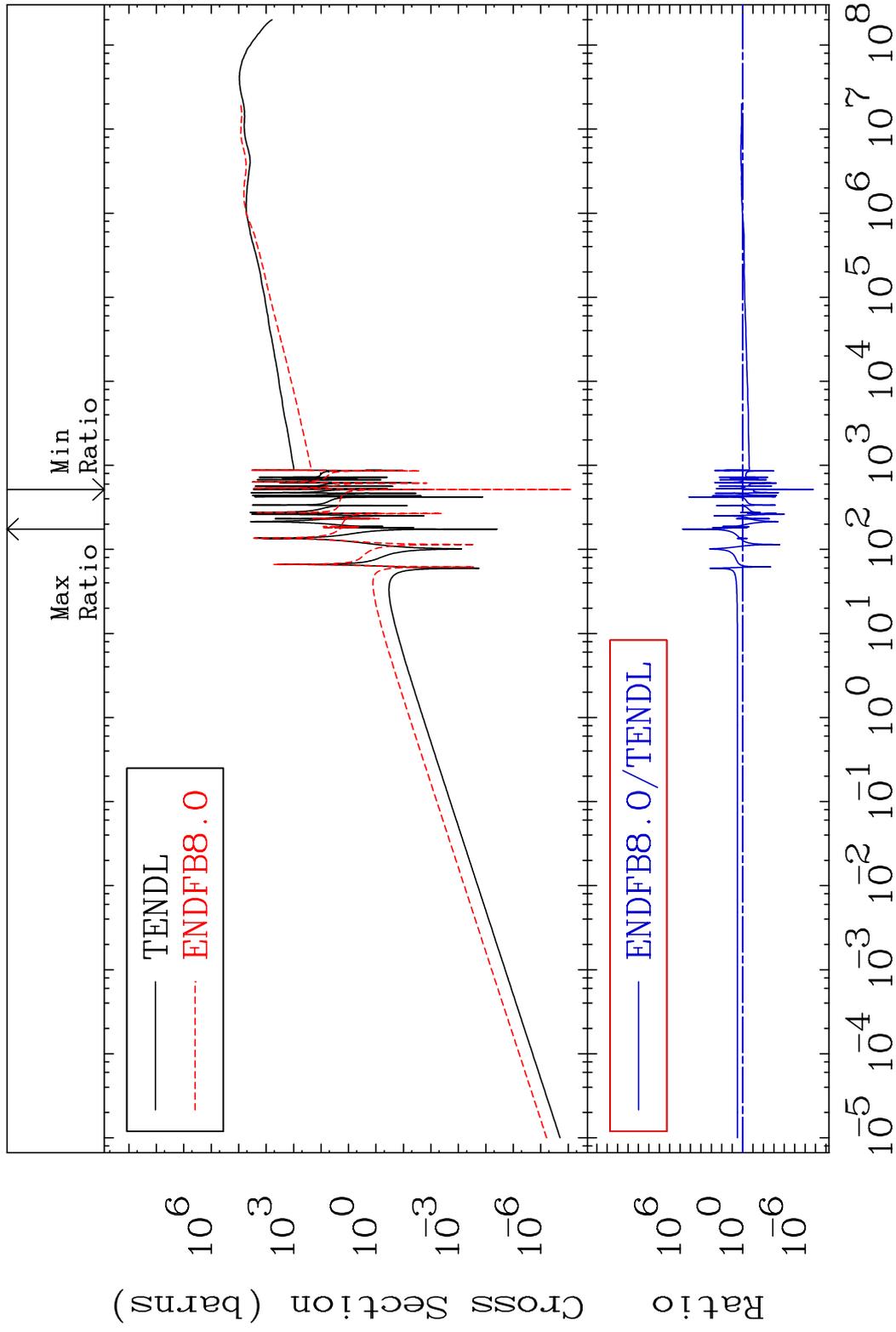
22 Incident Energy (eV) 58-Ce-136

MAT 5825

Kerma elastic

58-Ce-136

Cross Section -100.0 To 9999. %

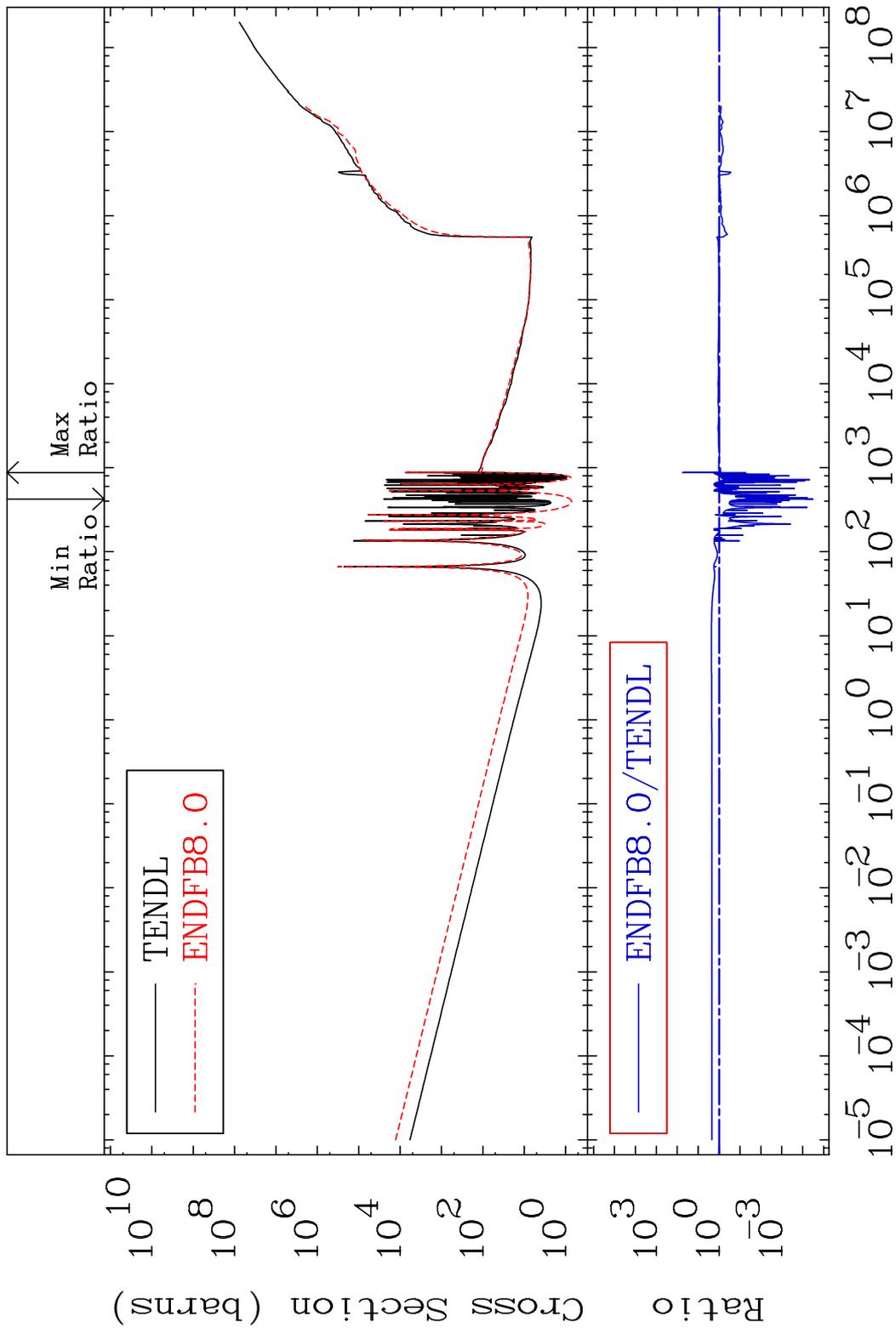


23

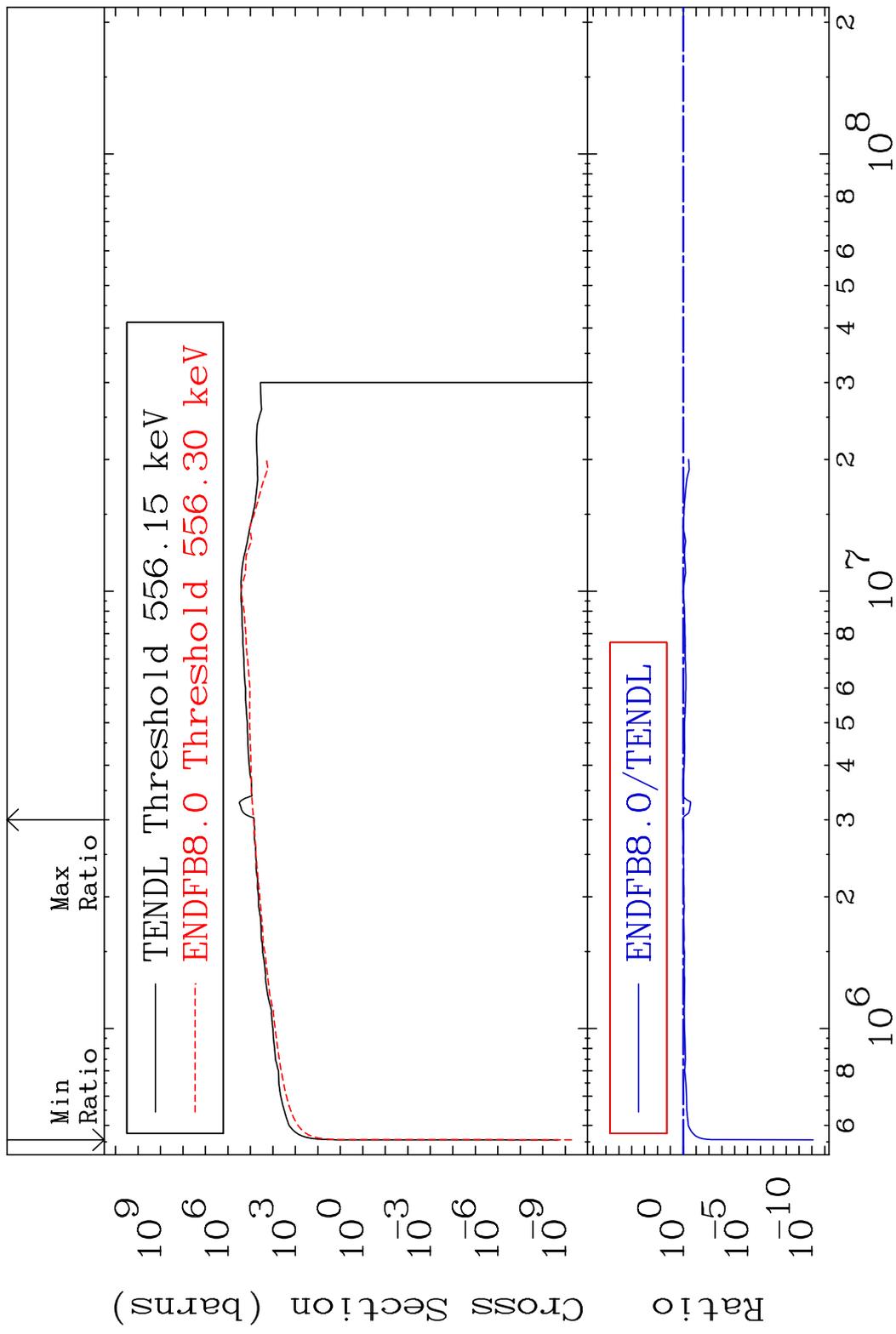
Incident Energy (eV)

58-Ce-136

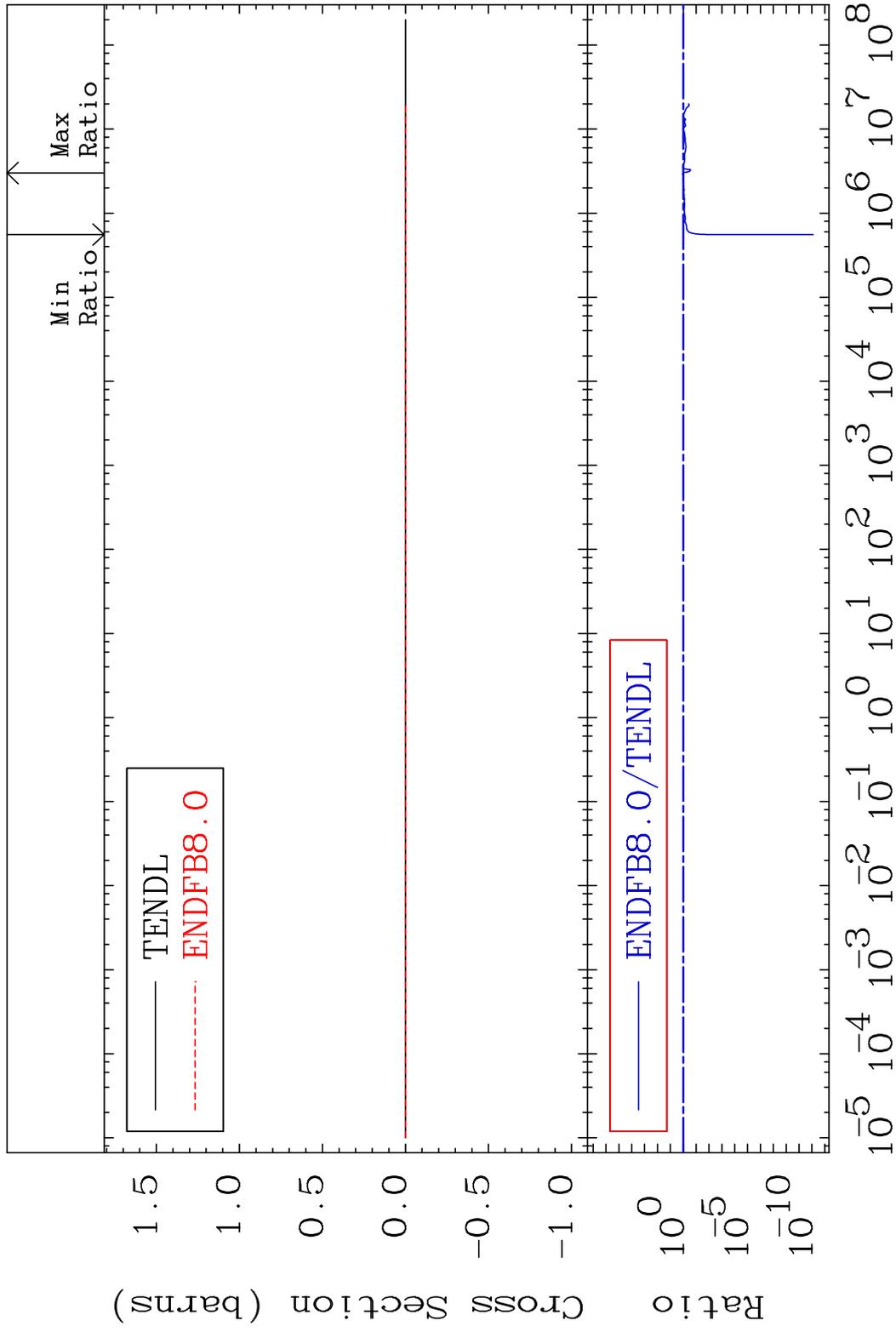
MAT 5825 Kerma non-elastic (all but mt2) 58-Ce-136
 Cross Section -100.0 To 5288. %



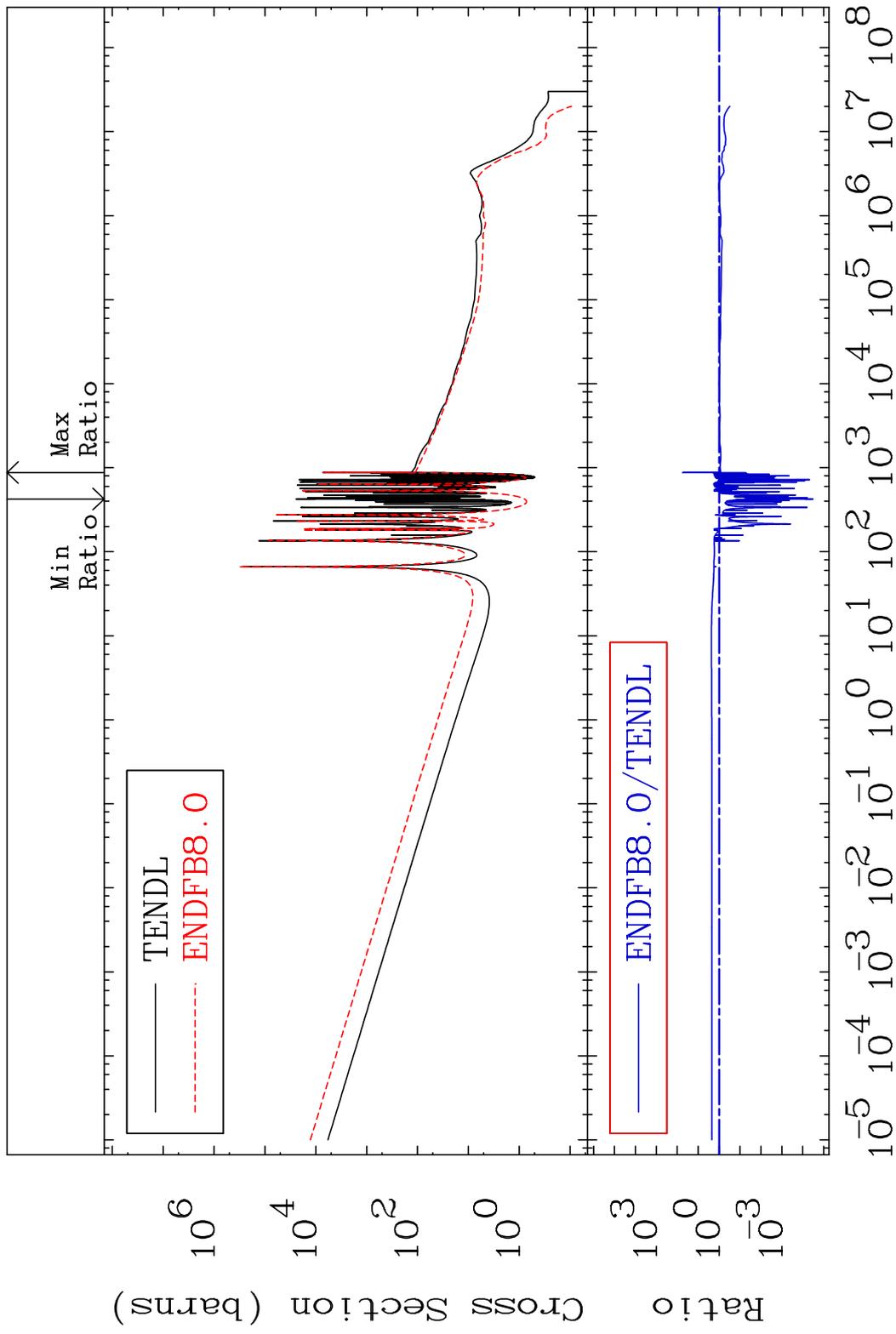
MAT 5825 Kerma inelastic (mt51-91) 58-Ce-136
 Cross Section -100.0 To 6.992 %



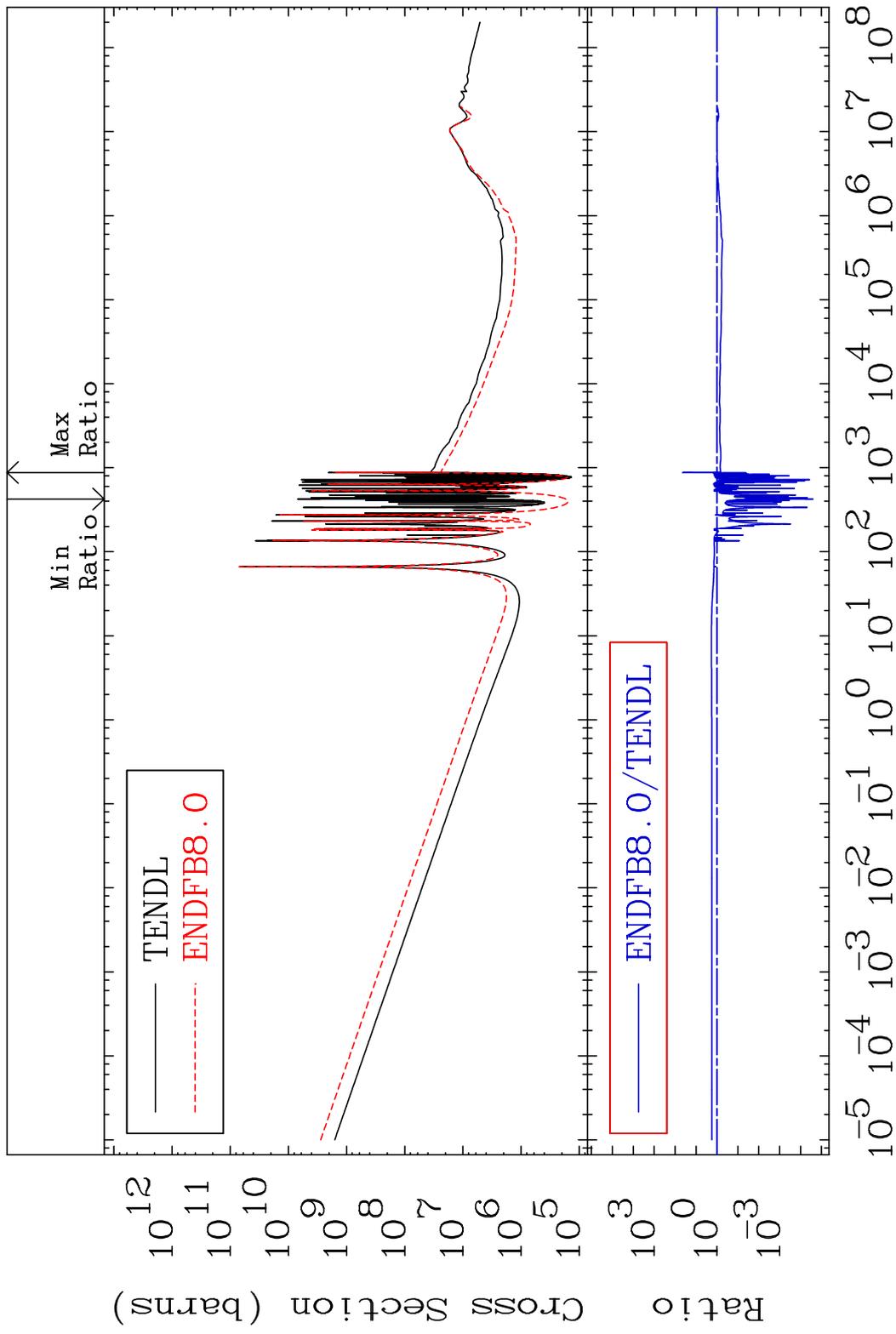
MAT 5825 Kerma fission (mt18 or mt19-20-21-38) 58-Ce-136
 Cross Section -100.0 To 6.992 %



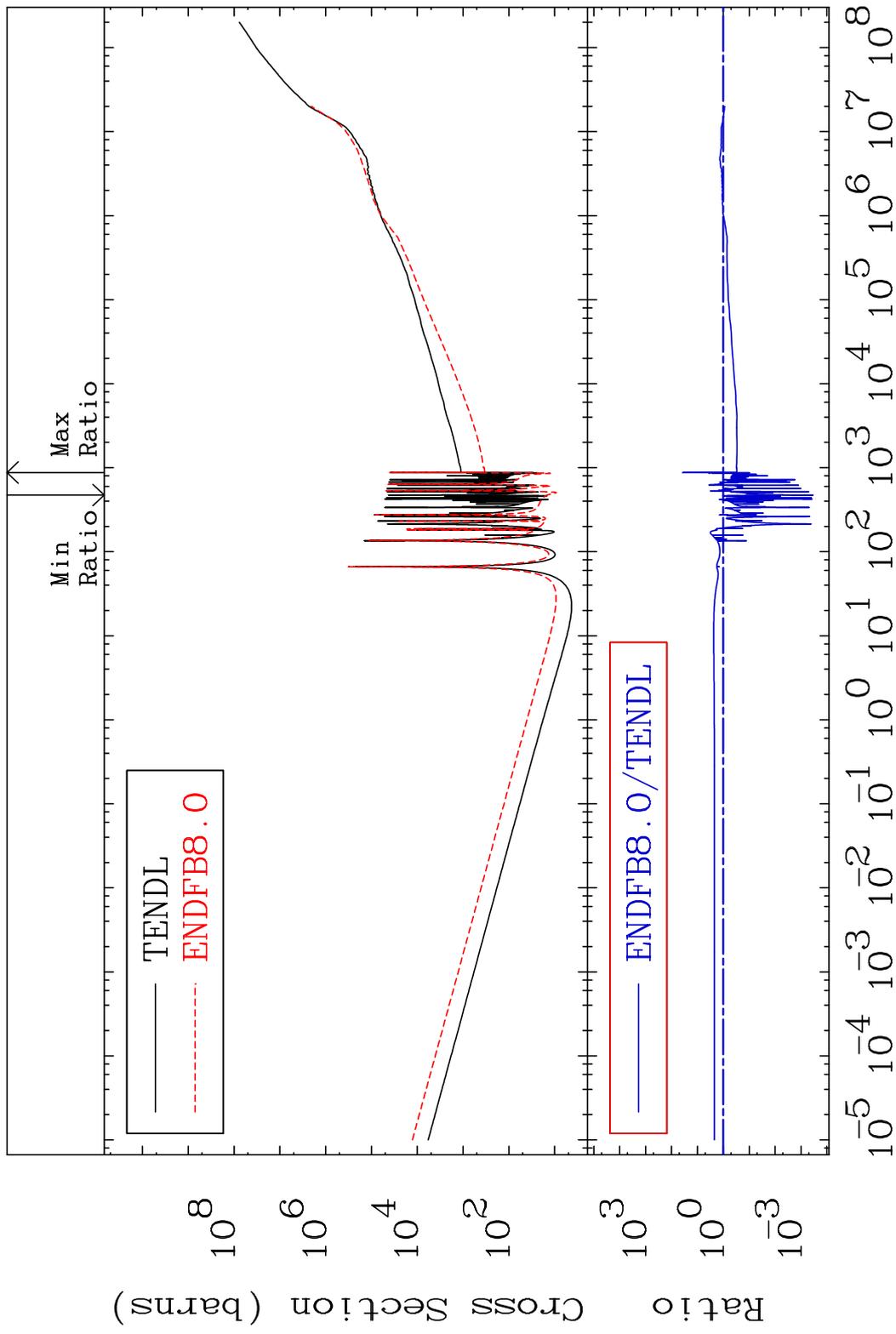
MAT 5825 Kerma capture (mt102) 58-Ce-136
 Cross Section -100.0 To 5305. %



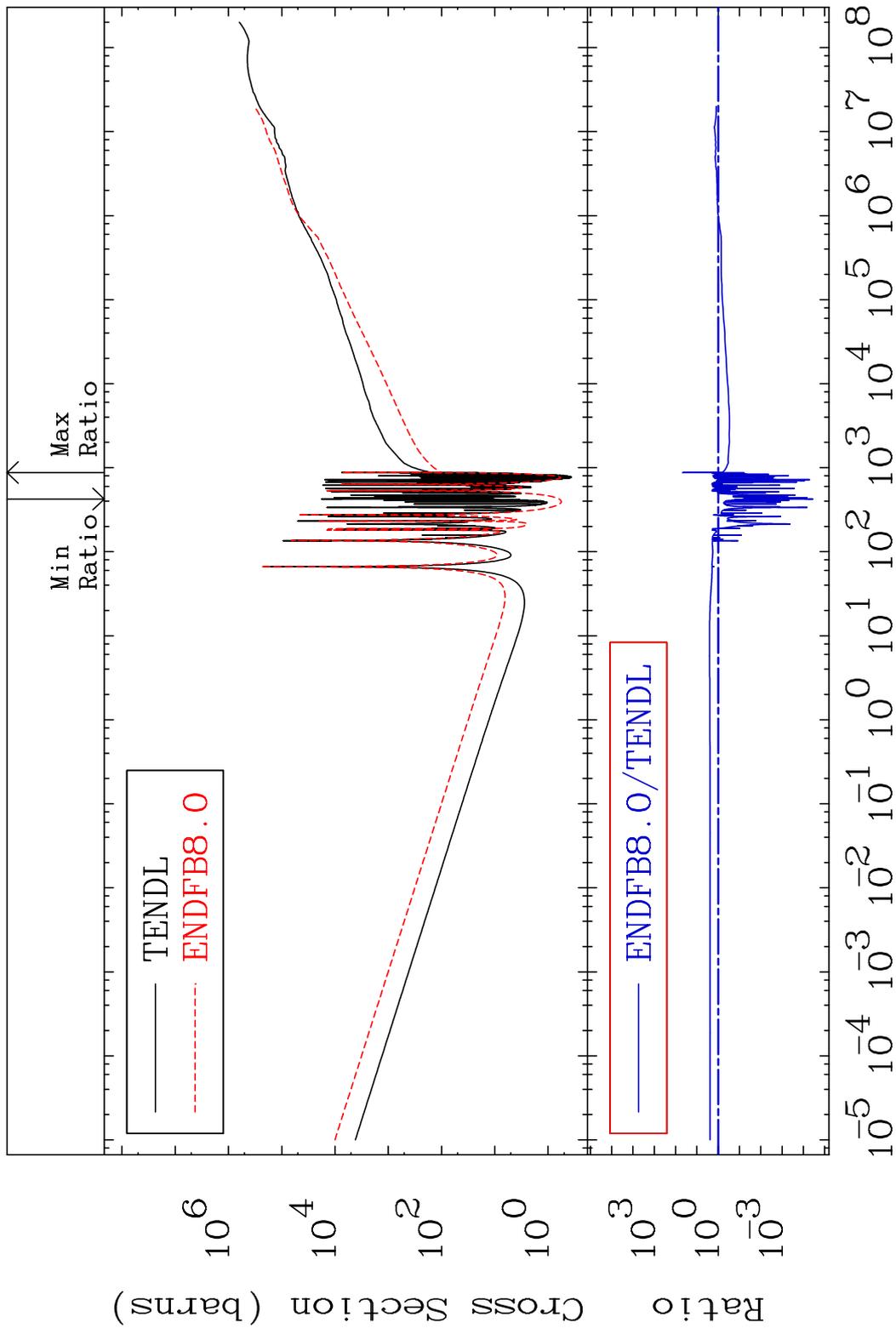
MAT 5825 Total photon (eV-barns) 58-Ce-136
 Cross Section -100.0 To 4163. %



MAT 5825 Total kinematic kerma (high limit) 58-Ce-136
Cross Section -99.97 To 3548. %



MAT 5825 Dpa total (eV-barns) 58-Ce-136
 Cross Section -100.0 To 4456. %



30 Incident Energy (eV) 58-Ce-136

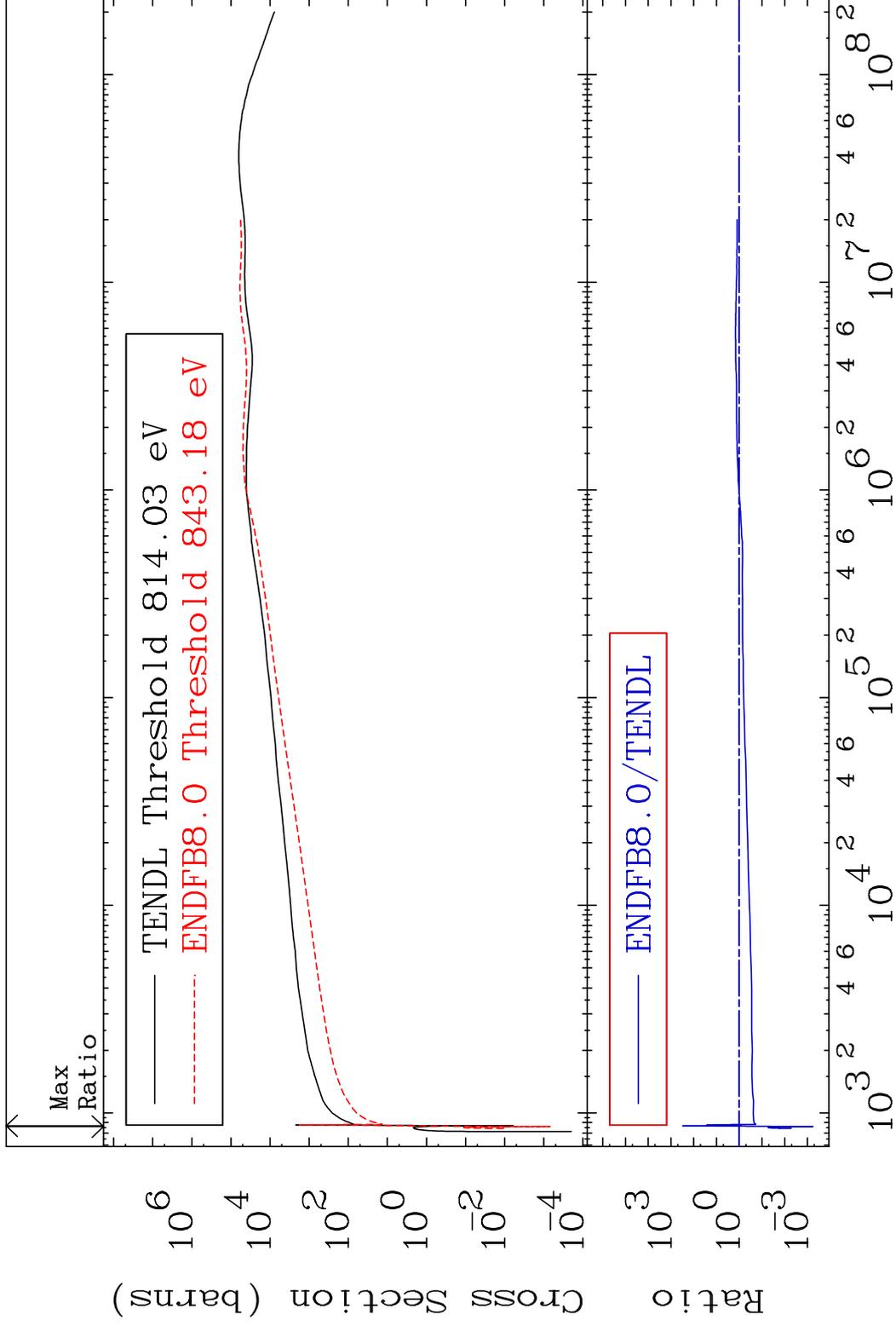
MAT 5825

Dpa elastic (mt2)

58-Ce-136

Cross Section

-99.94 To 9999. %

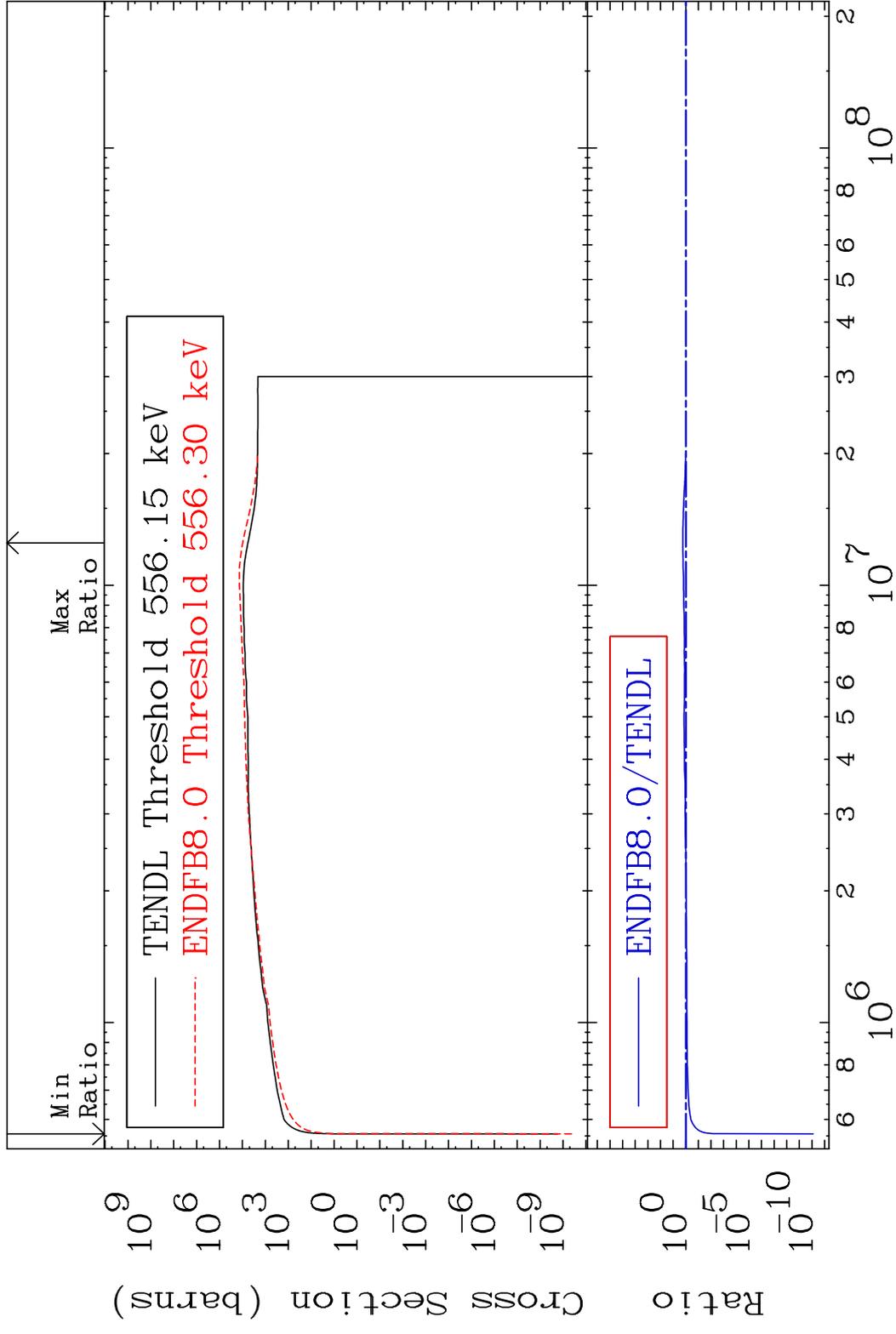


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Incident Energy (eV)

58-Ce-136

MAT 5825 Dpa inelastic (mt51-91) 58-Ce-136
 Cross Section -100.0 To 69.38 %



MAT 5825 Dpa disappearance (mt102 -120) 58-Ce-136
 Cross Section -100.0 To 5811.1 %

