

Program Complot  
(Version 2021-1)

by

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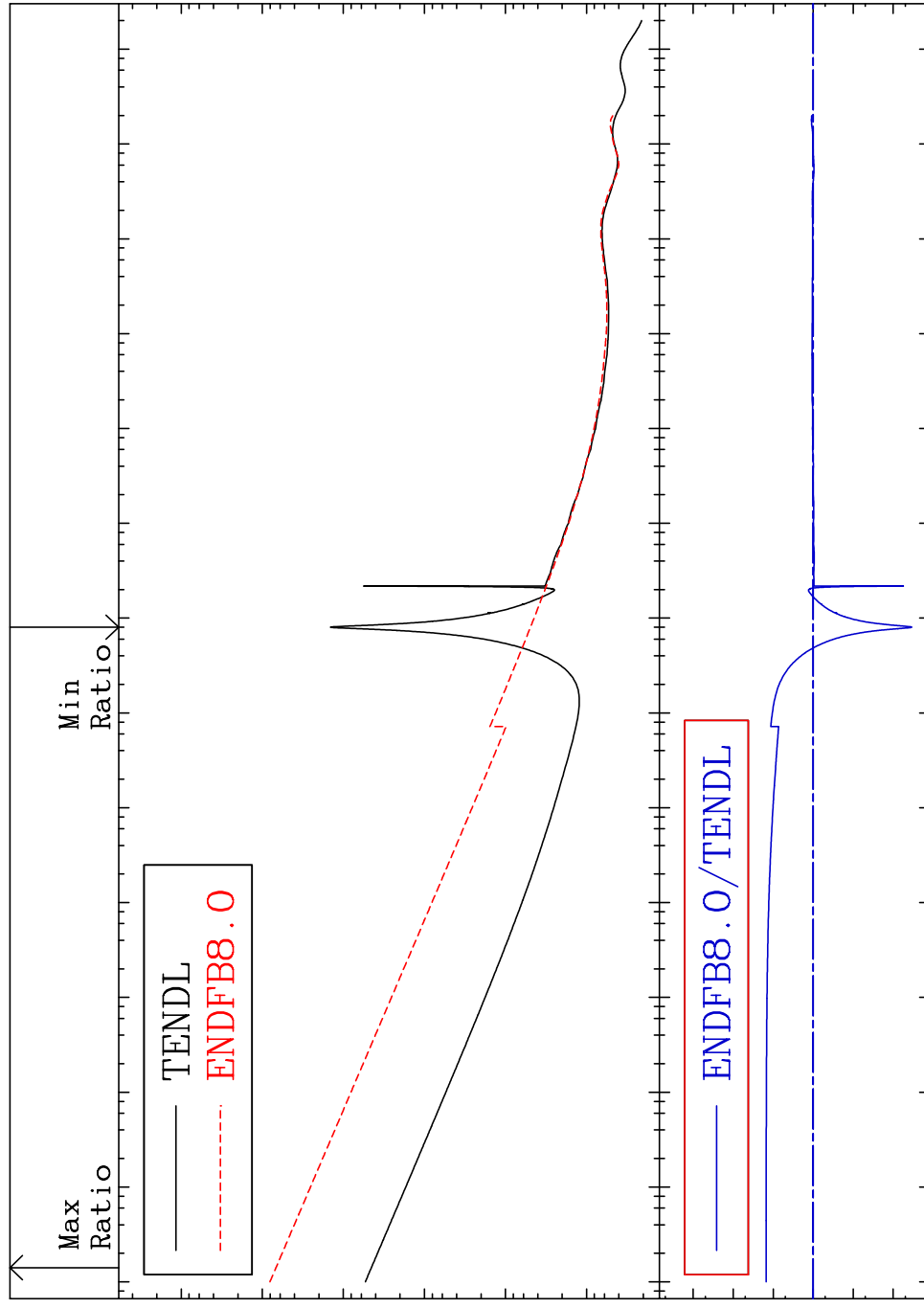
U.S.A.

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Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5253 Total 52-Te-129m  
Cross Section -99.66 To 1404. %

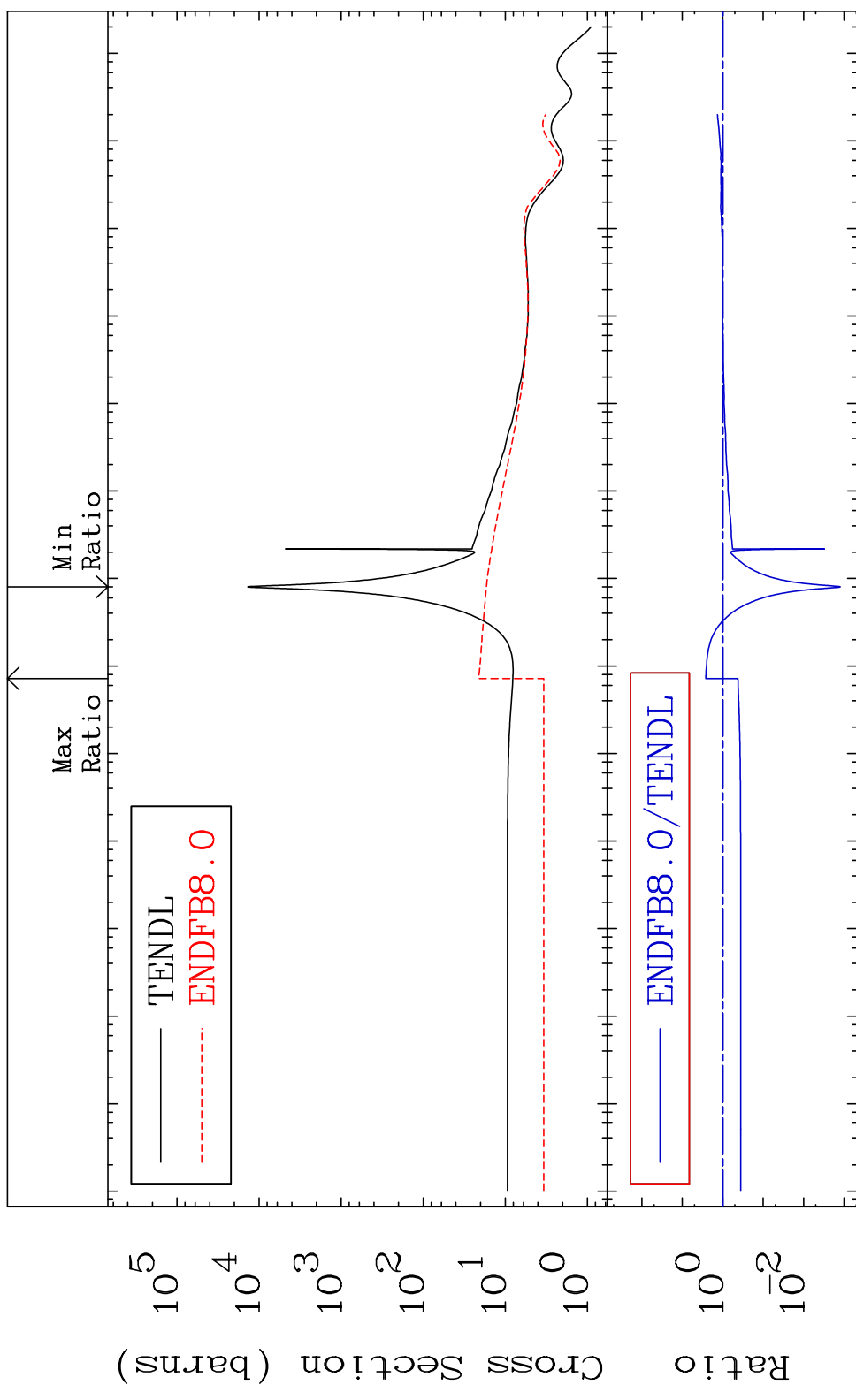


1 Incident Energy (eV) 52-Te-129m

MAT 5253

Elastic Cross Section -99.88 To 163.0 %

52-Te-129m



2

Incident Energy (eV) 52-Te-129m

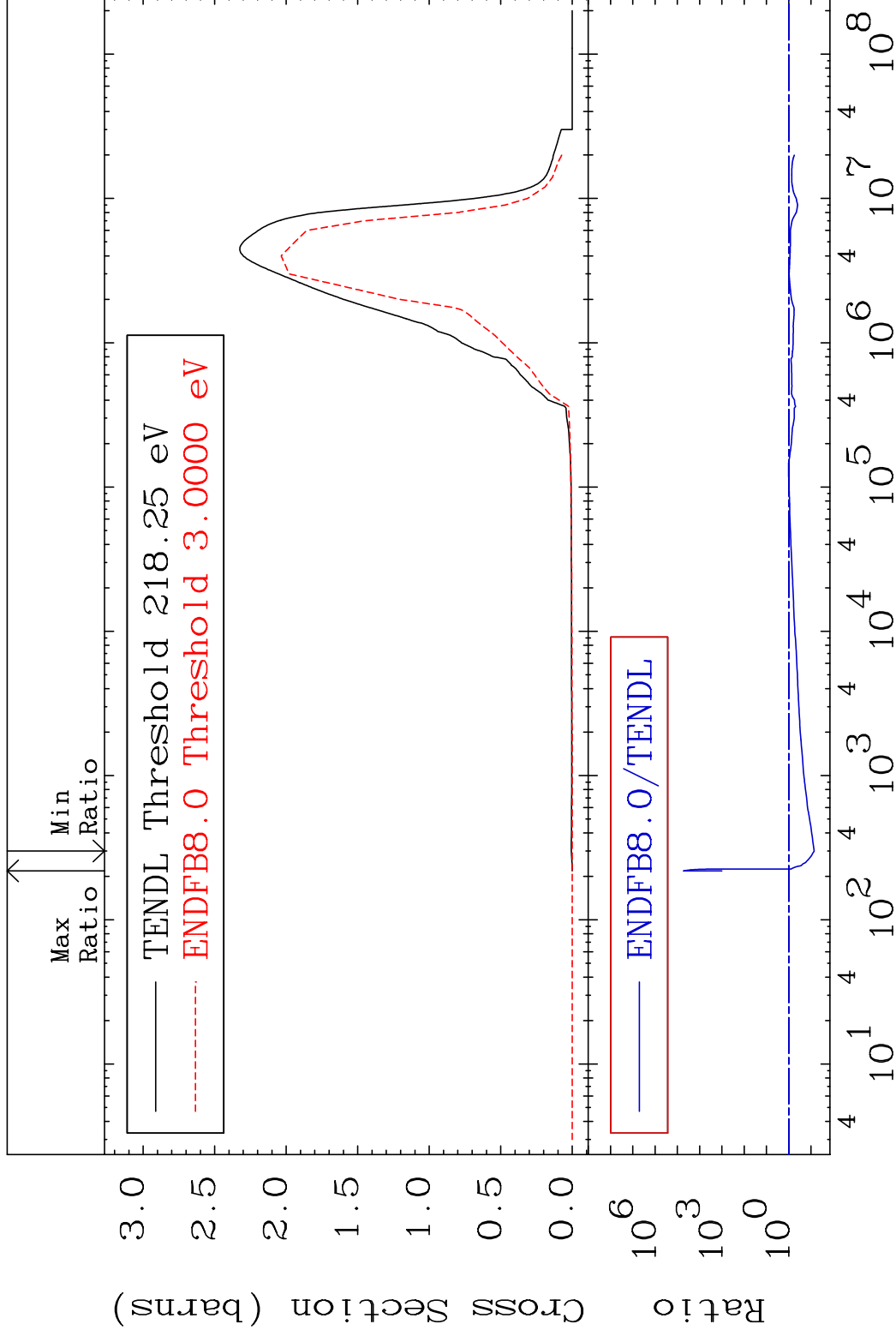
MAT 5253

Inelastic

52-Te-129m

Cross Section

-92.76 To 9999. %



3

Incident Energy (eV)

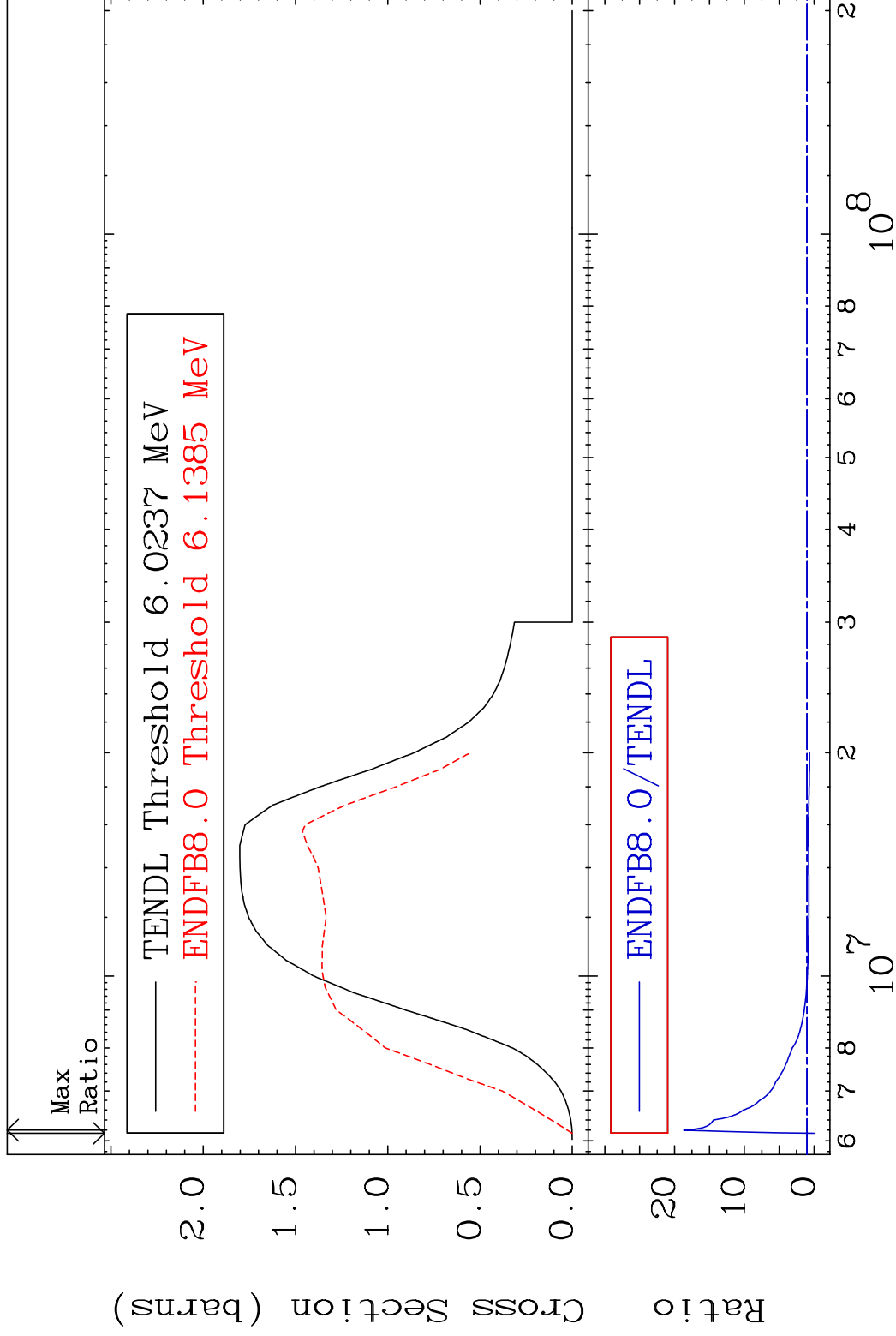
52-Te-129m

MAT 5253

(n,2n)

52-Te-129m

Cross Section -100.0 To 1769. %



4

Incident Energy (eV)

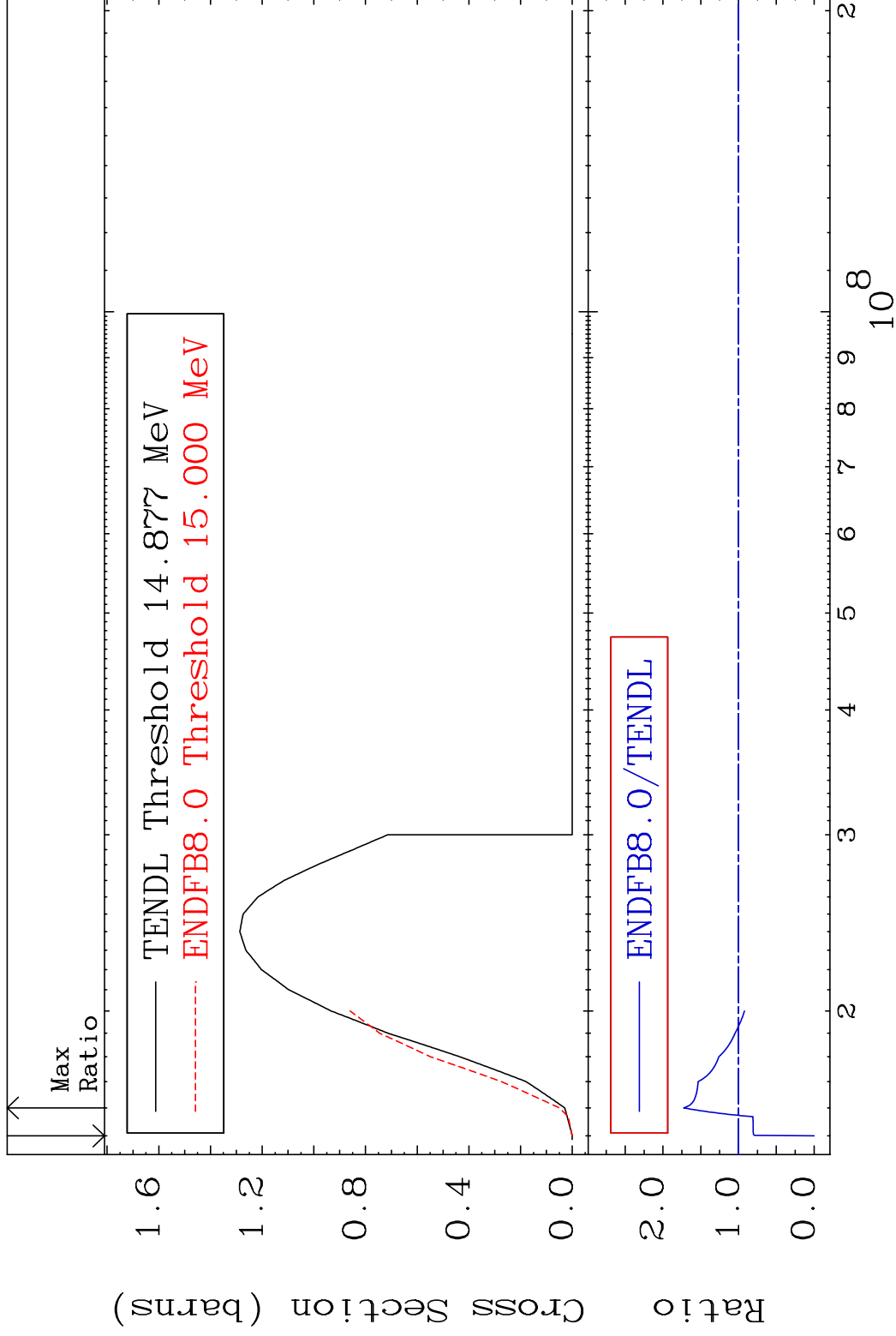
52-Te-129m

MAT 5253

(n,3n)

52-Te-129m

Cross Section -100.0 To 72.61 %



5

Incident Energy (eV)

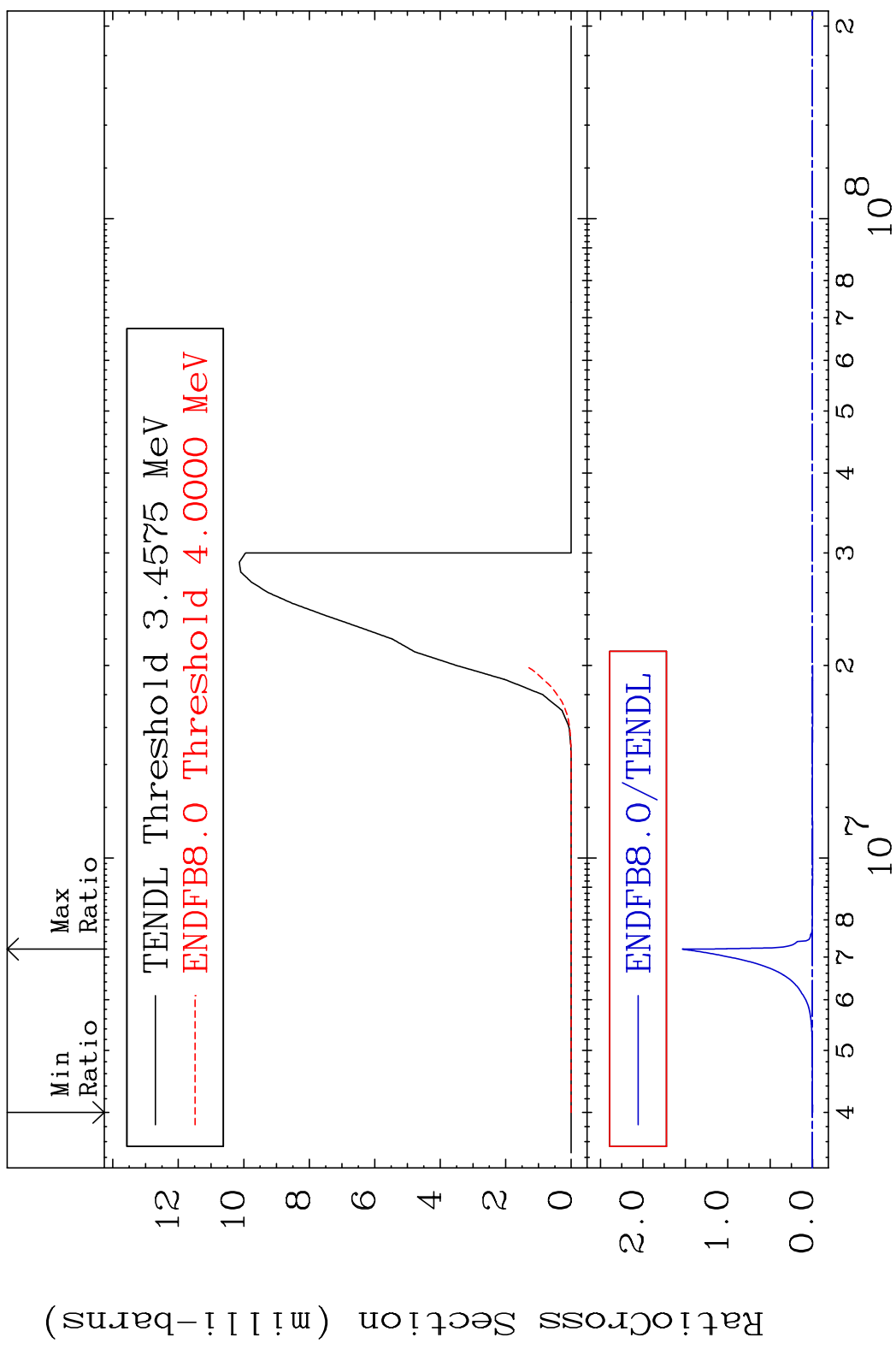
52-Te-129m

MAT 5253

(n, n')  $\alpha$

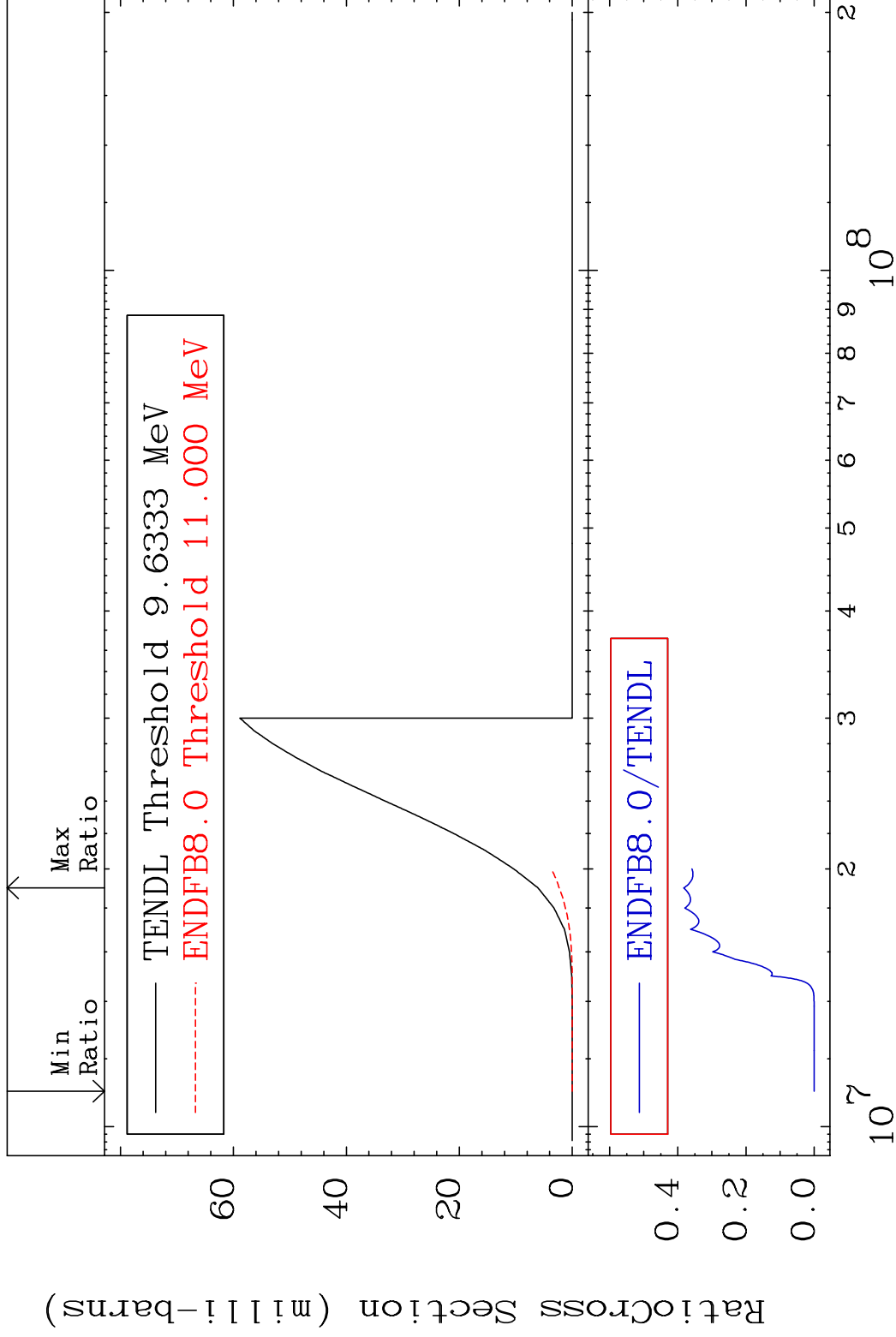
52-Te-129m

Cross Section -100.0 To 9999. %



MAT 5253

(n, n') p 52-Te-129m  
Cross Section -100.0 To -61.71%



7 Incident Energy (eV) 52-Te-129m

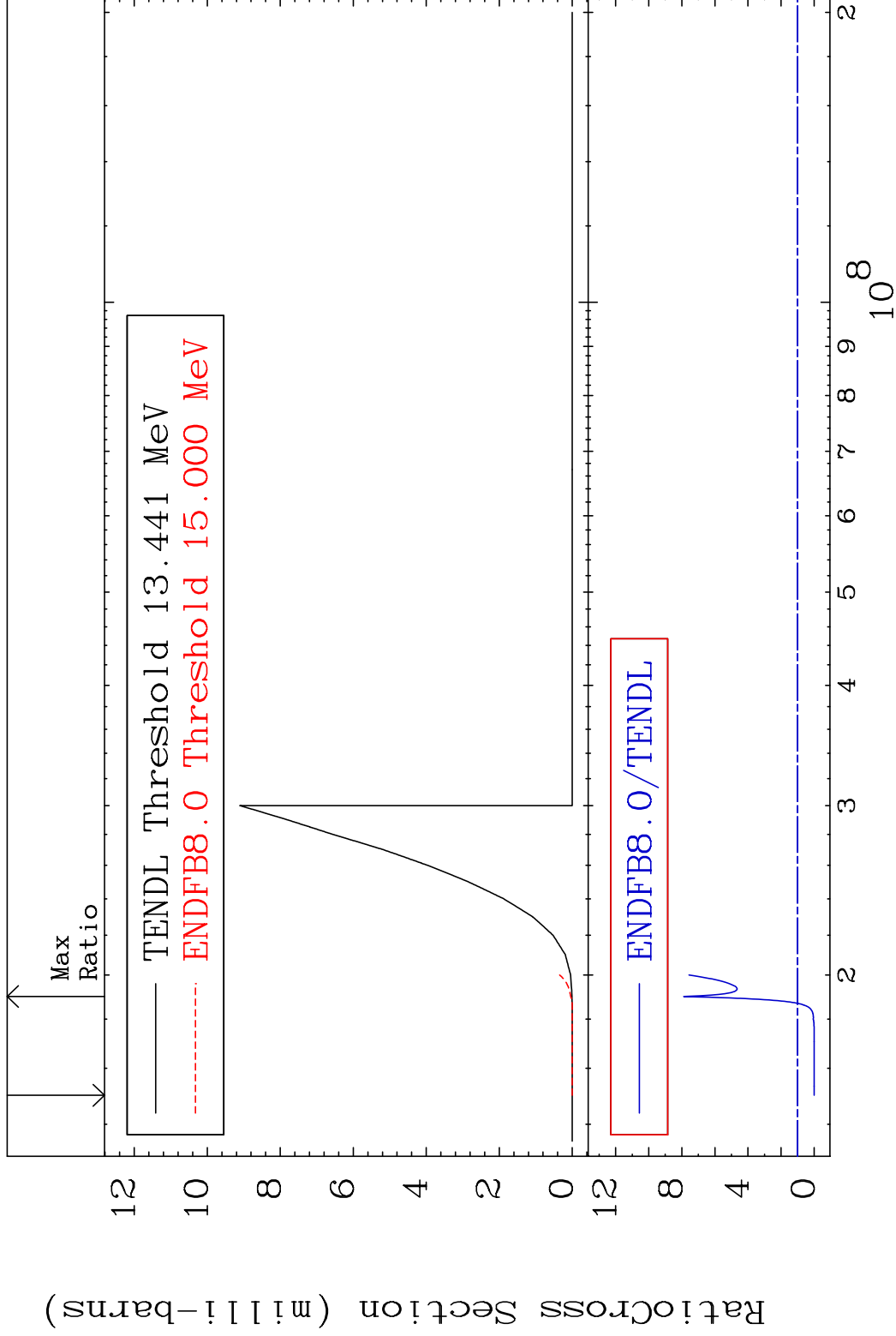


MAT 5253

(n, n') d

52-Te-129m

Cross Section -100.0 To 688.9 %

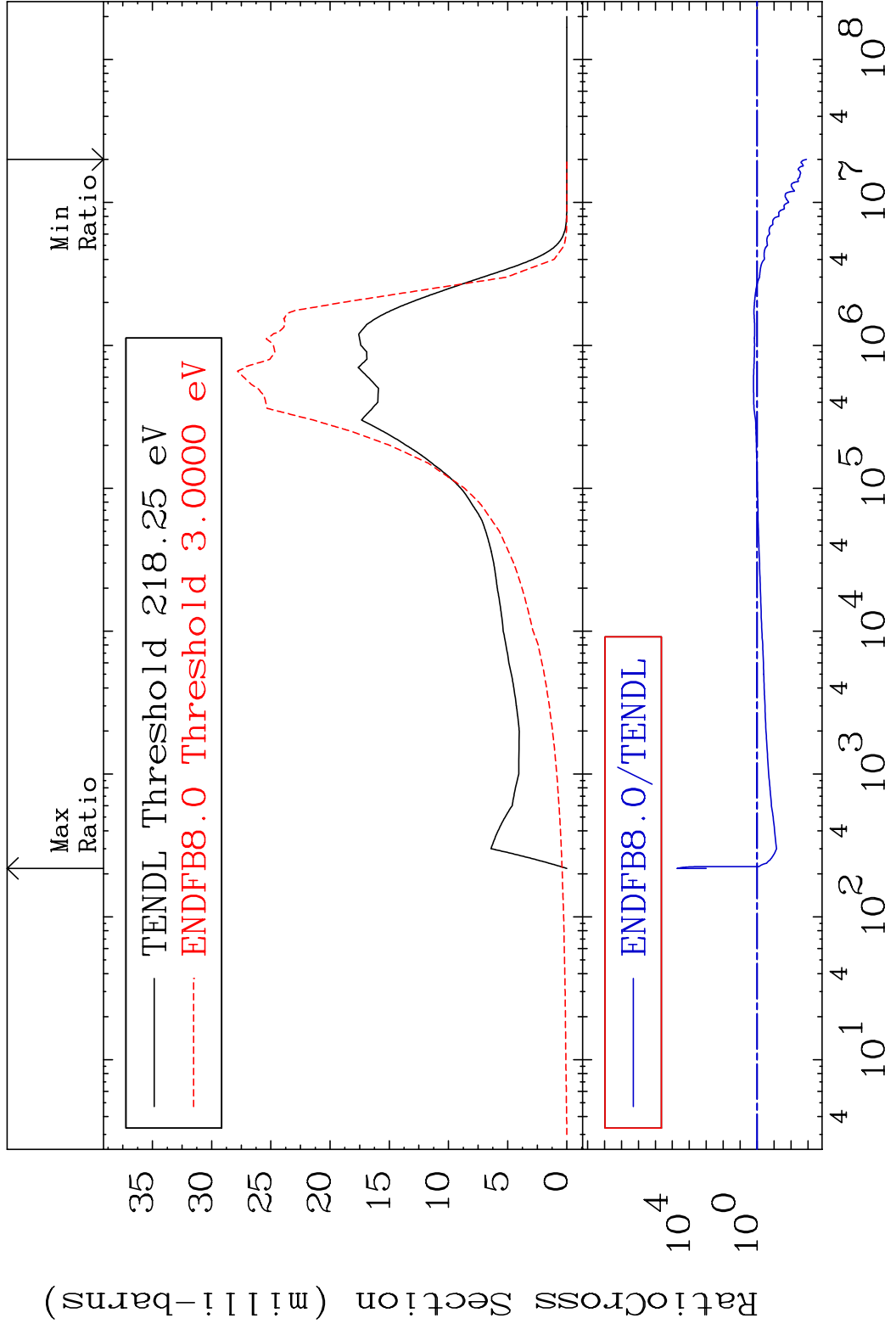


8

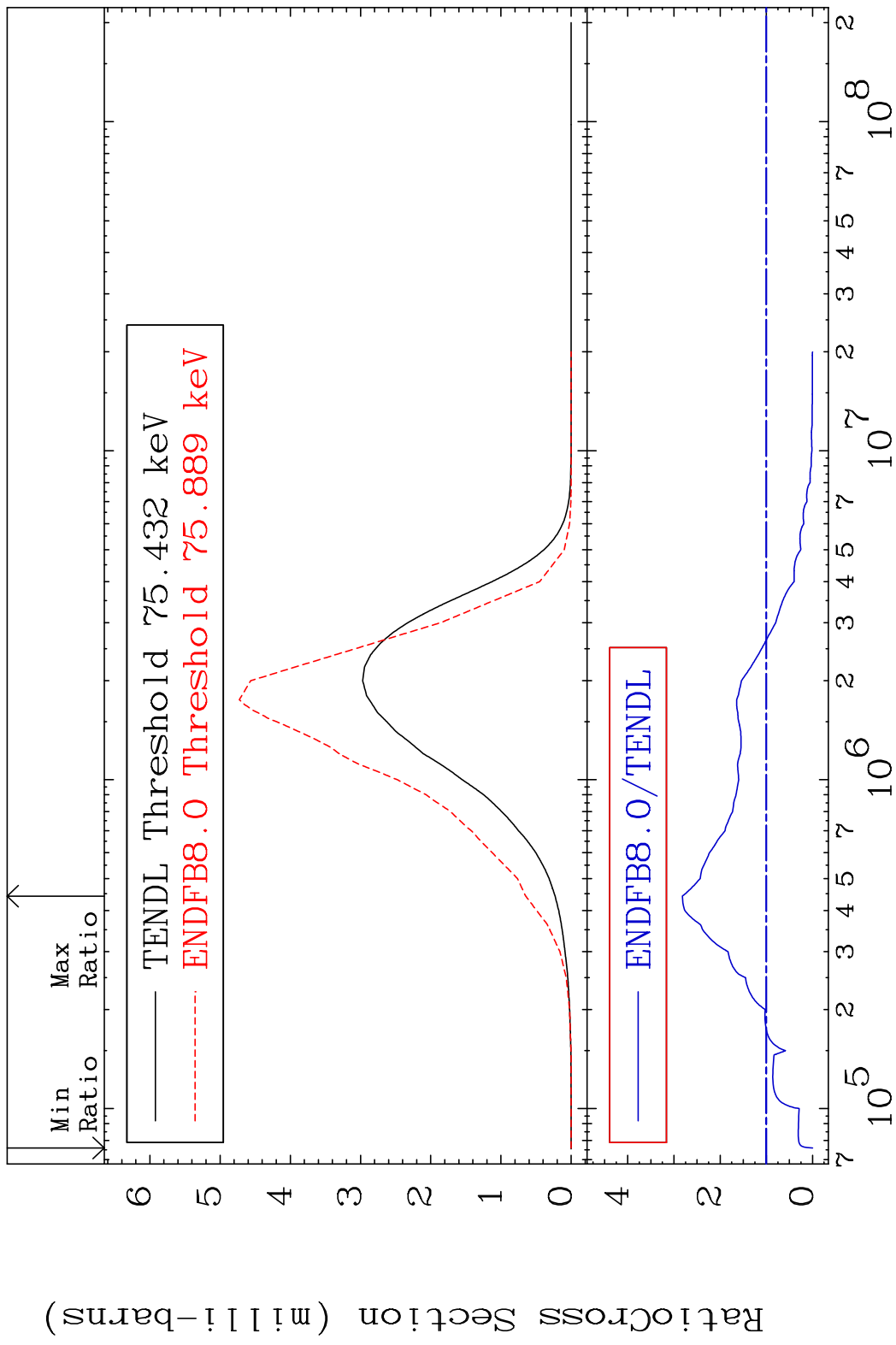
Incident Energy (eV)

52-Te-129m

MAT 5253 MT= 51 (n,n') Level 52-Te-129m  
 Cross Section -99.88 To 9999. %

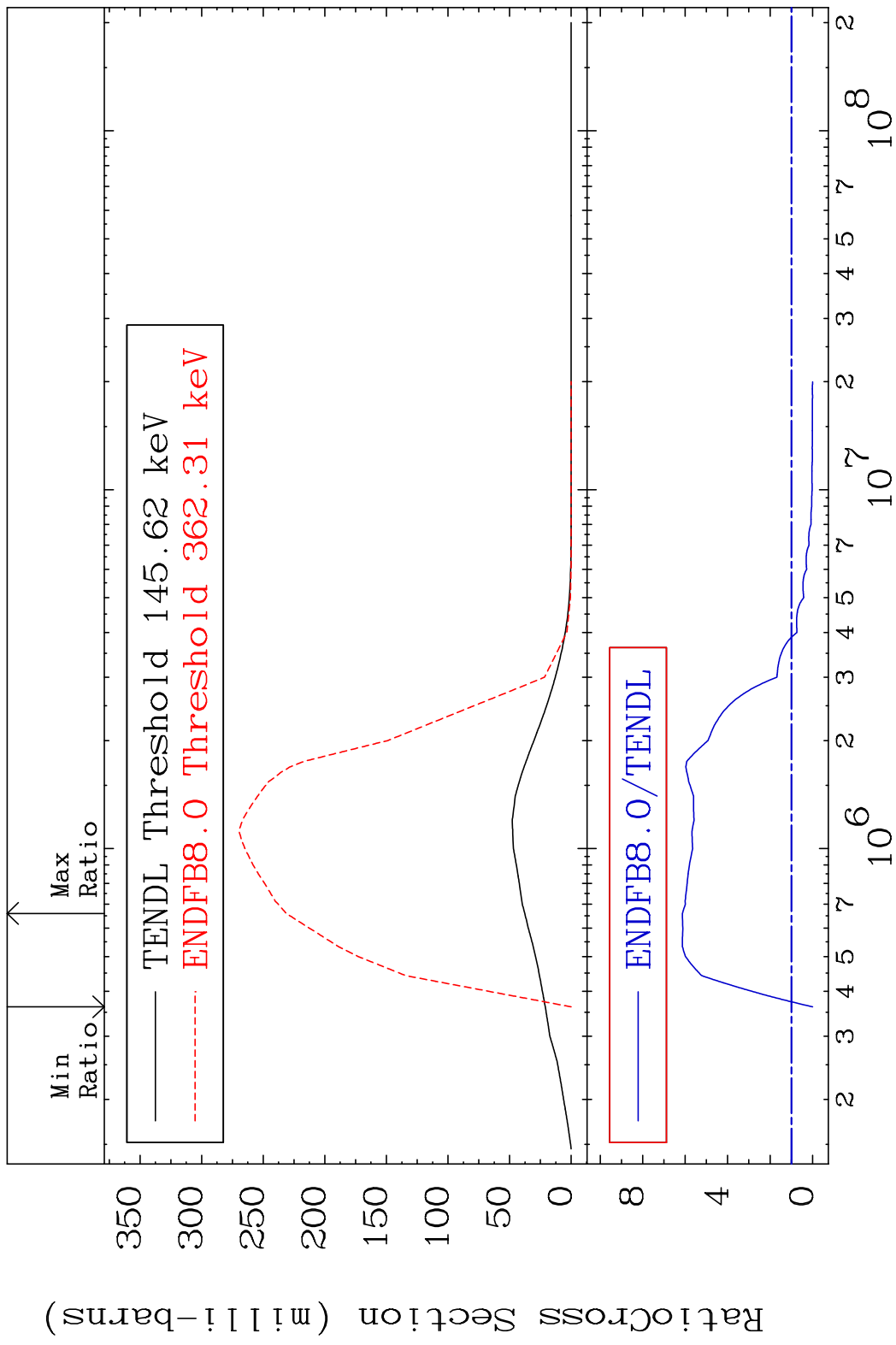


MAT 5253 MT= 52 (n,n') Level 52-Te-129m  
 Cross Section -100.0 To 181.8 %

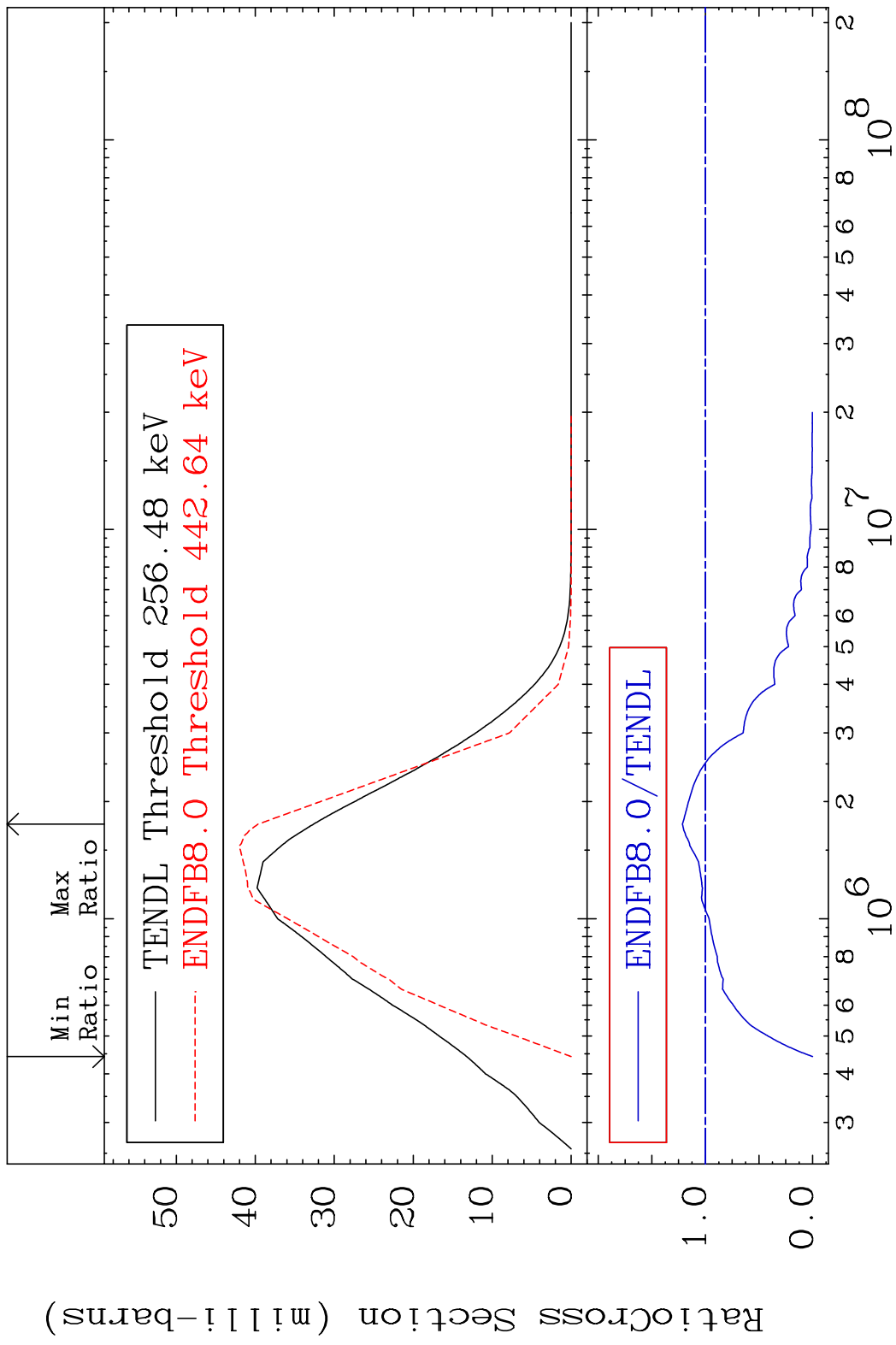


10 10 Incident Energy (eV) 52-Te-129m

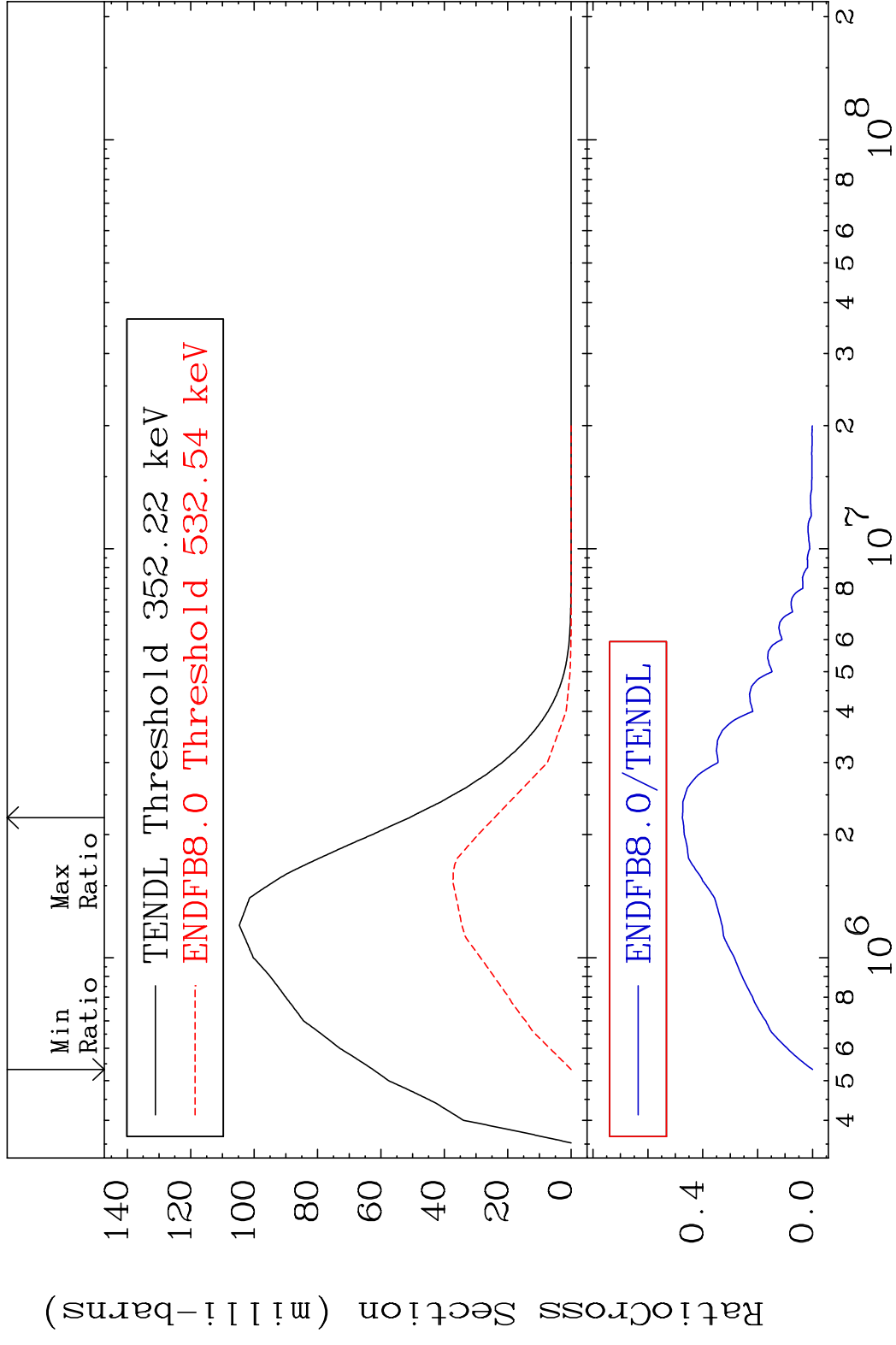
MAT 5253 MT= 53 (n, n') Level 52-Te-129m  
 Cross Section -100.0 To 513.3 %



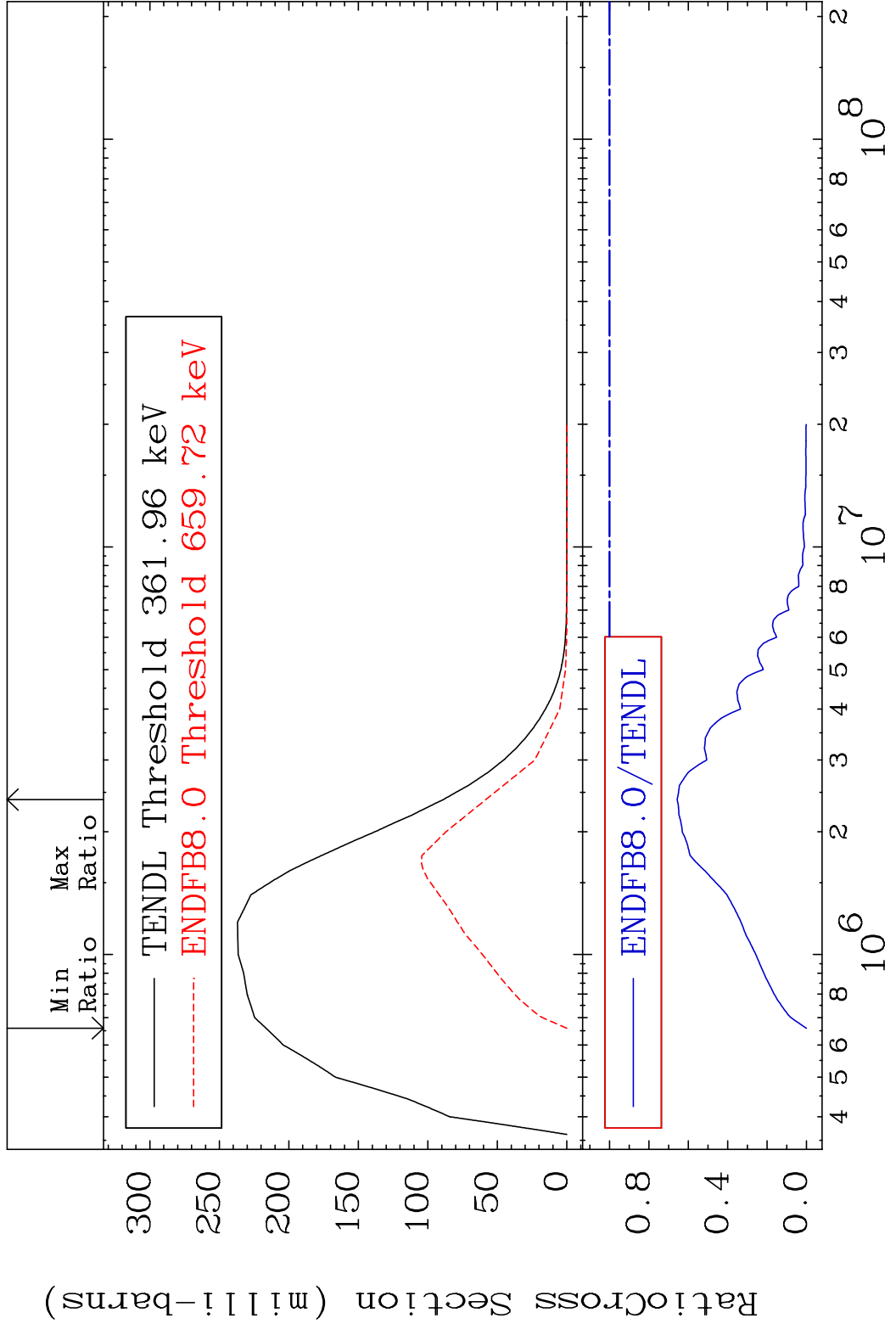
MAT 5253 MT= 54 (n,n') Level 52-Te-129m  
 Cross Section -100.0 To 21.52 %



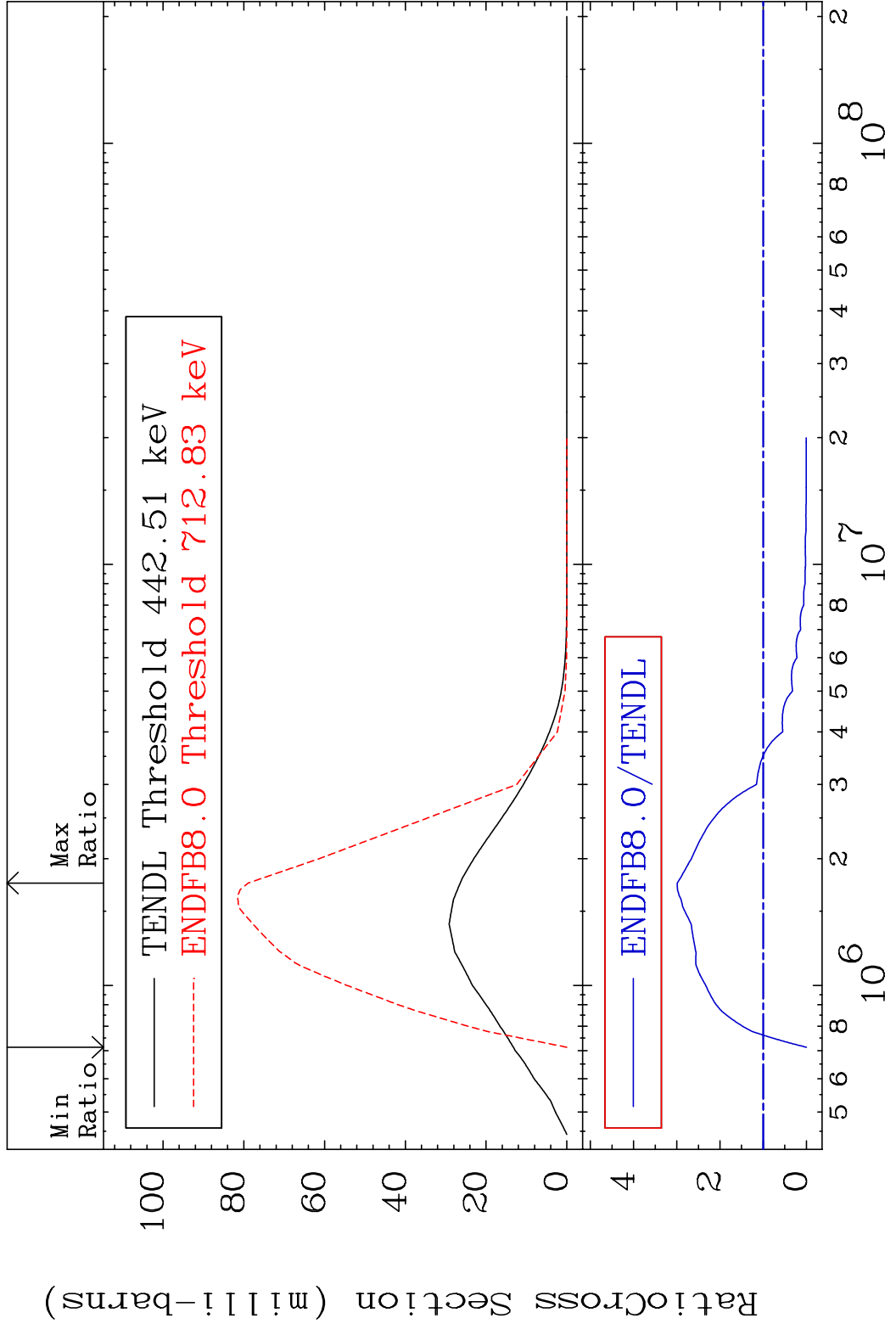
MAT 5253 MT= 55 (n,n') Level 52-Te-129m  
 Cross Section -100.0 To -52.55%



MAT 5253 MT= 56 (n,n') Level 52-Te-129m  
 Cross Section -100.0 To -34.37%

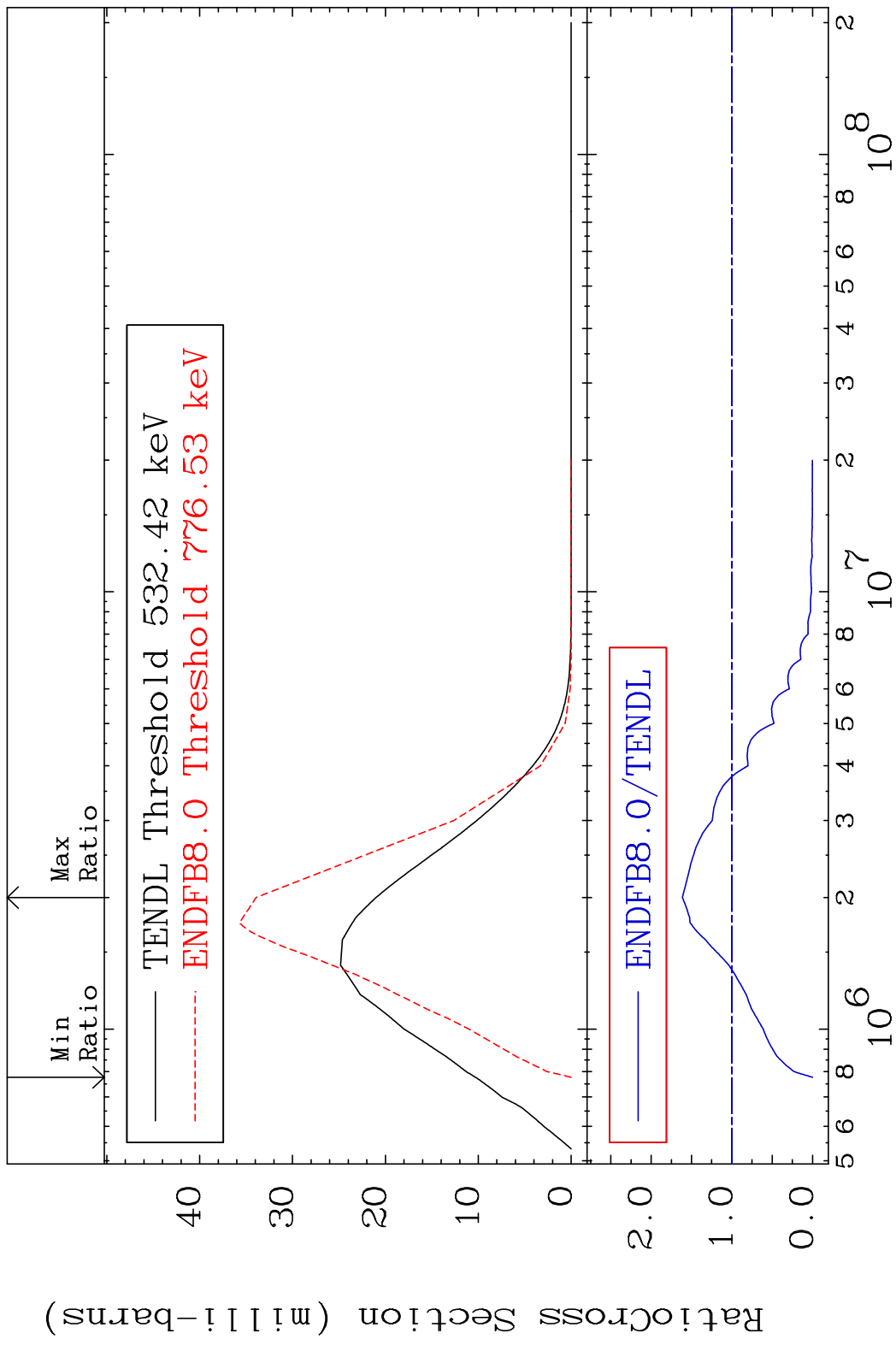


MAT 5253 MT= 57 (n,n') Level 52-Te-129m  
 Cross Section -100.0 To 199.1 %

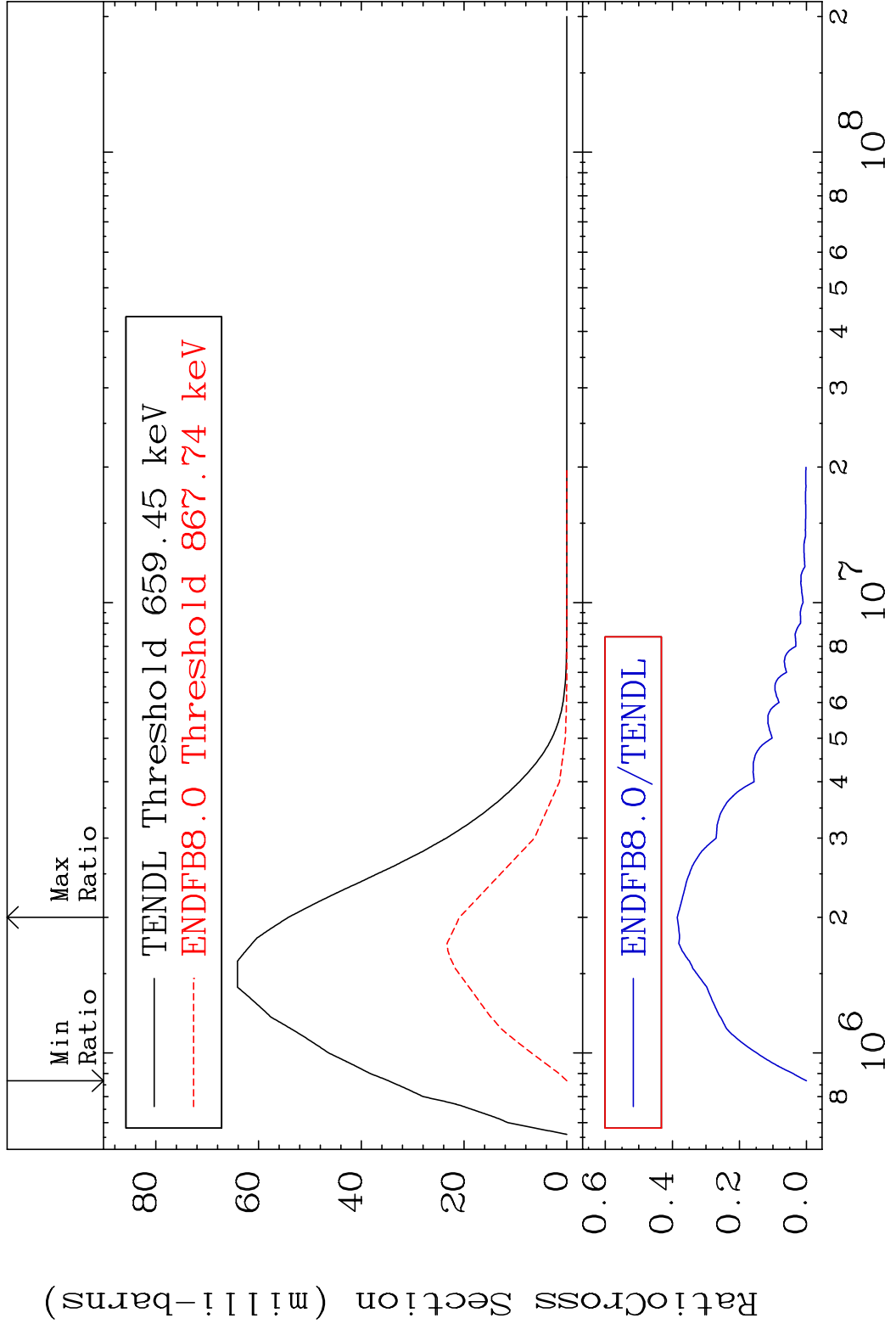




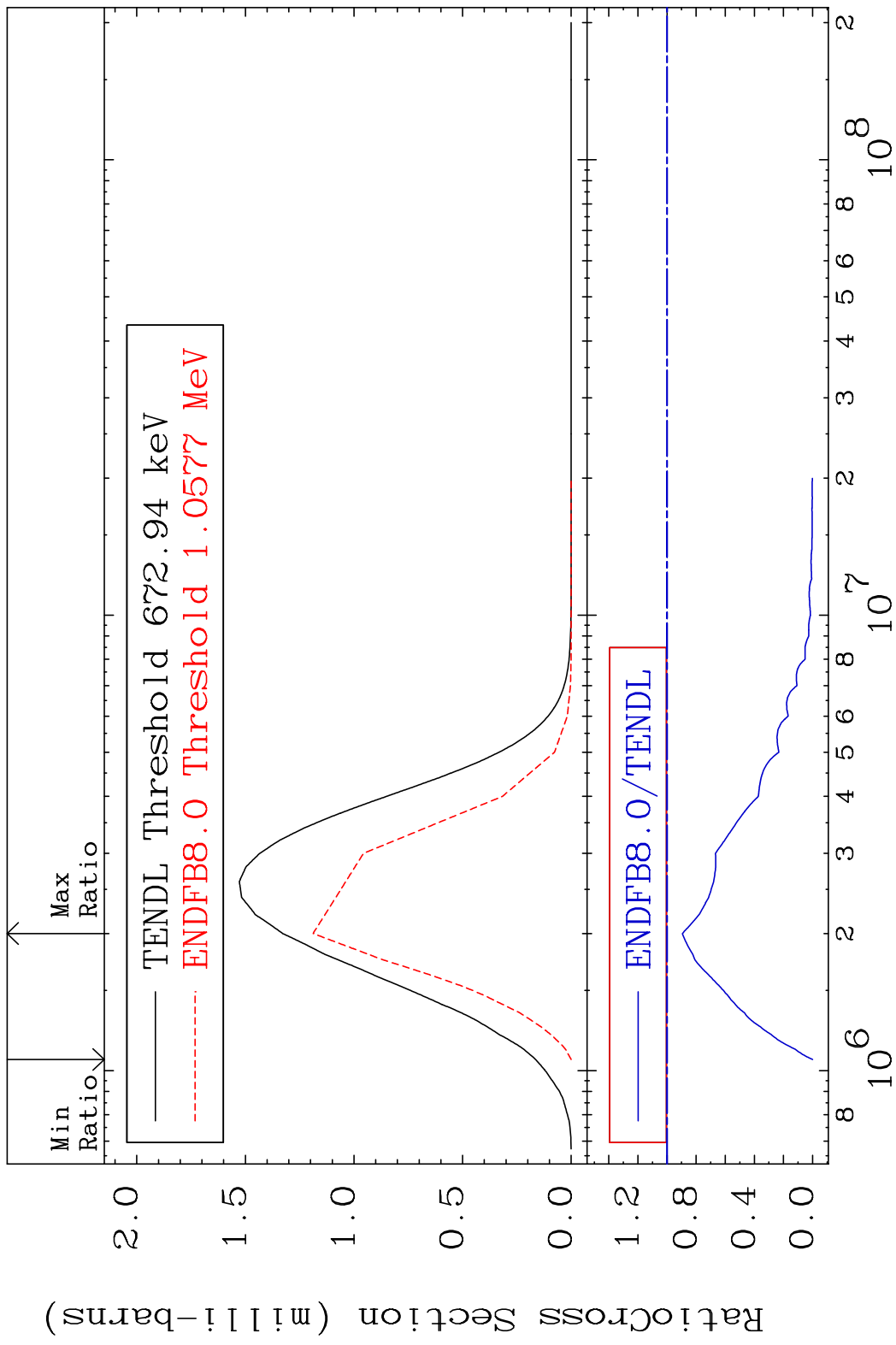
MAT 5253 MT= 58 (n, n') Level 52-Te-129m  
 Cross Section -100.0 To 61.36 %



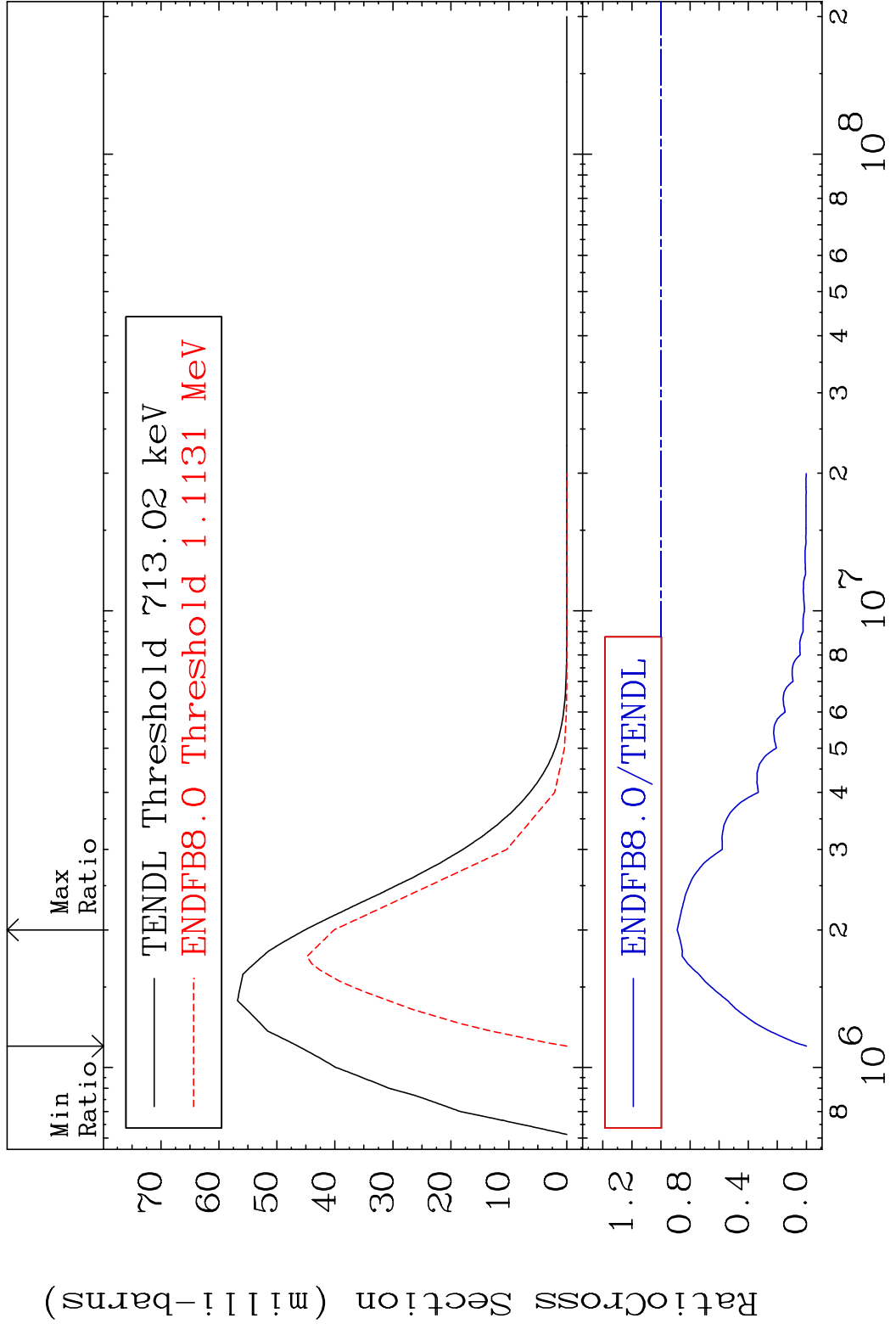
MAT 5253 MT= 59 (n, n') Level 52-Te-129m  
 Cross Section -100.0 To -61.44%



MAT 5253 MT= 60 (n,n') Level 52-Te-129m  
 Cross Section -100.0 To -10.54%

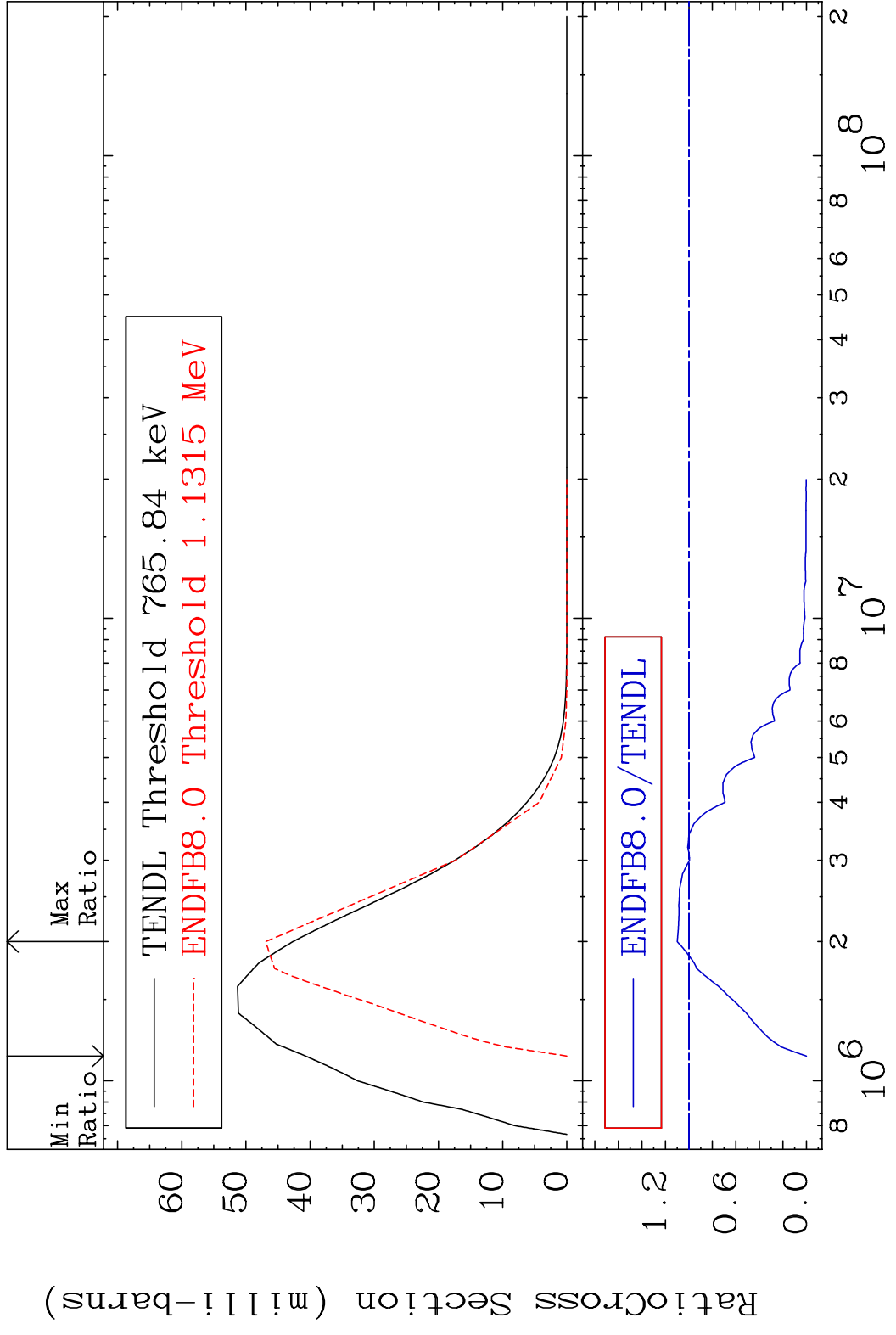


MAT 5253 MT= 61 (n, n') Level 52-Te-129m  
 Cross Section -100.0 To -11.14%



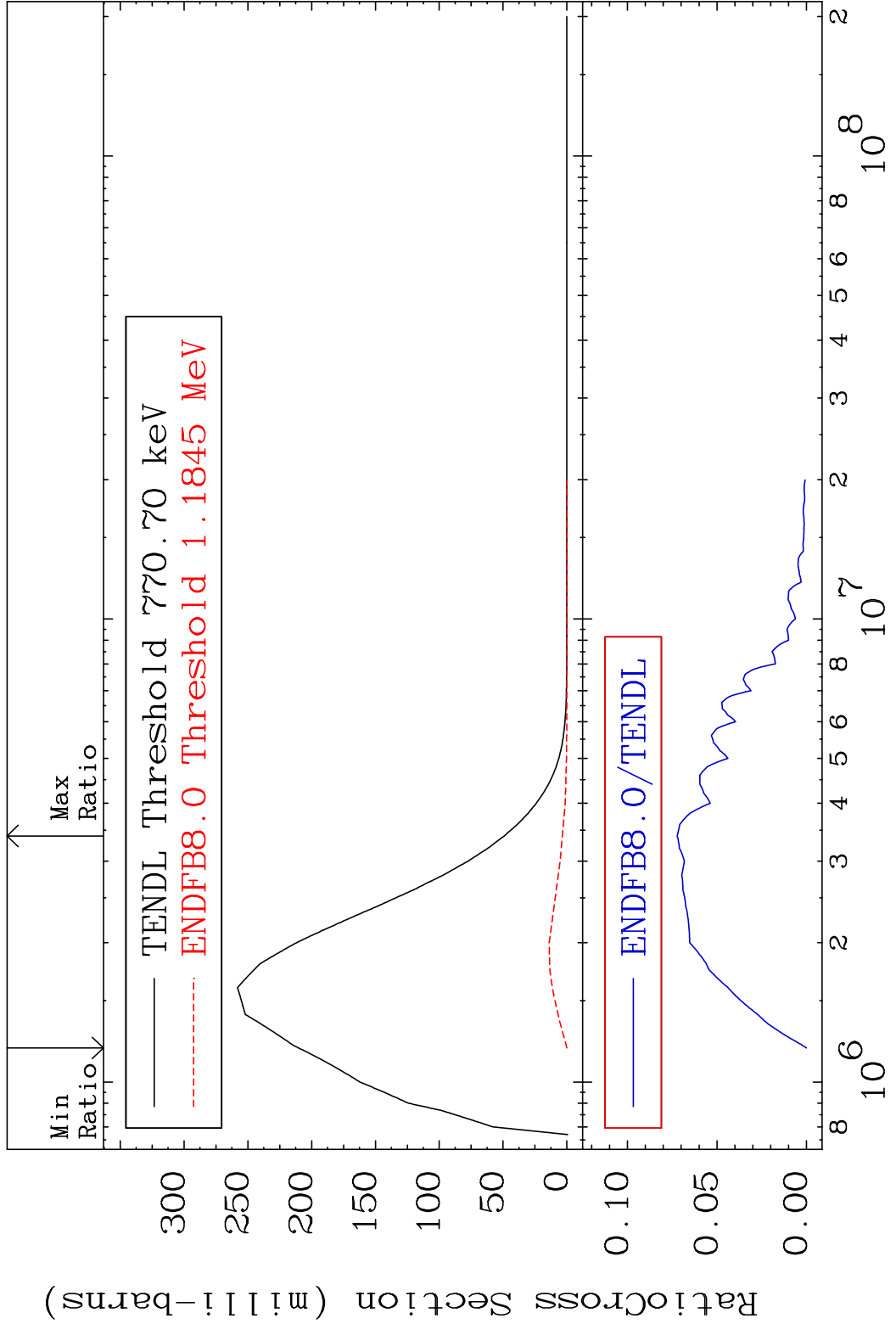
19 Incident Energy (eV) 52-Te-129m

MAT 5253 MT= 62 (n, n') Level 52-Te-129m  
 Cross Section -100.0 To 9.978 %

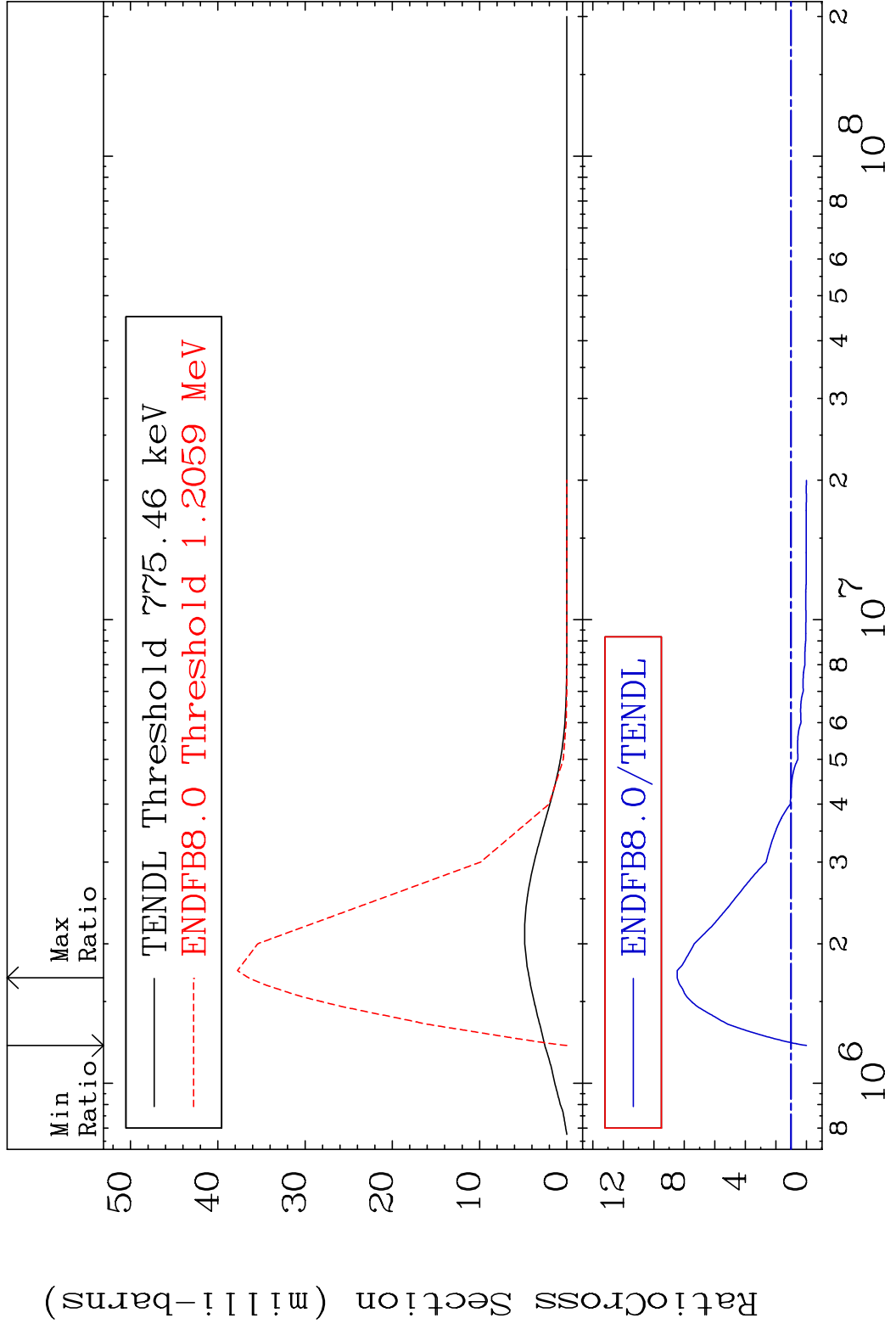


20 Incident Energy (eV) 52-Te-129m

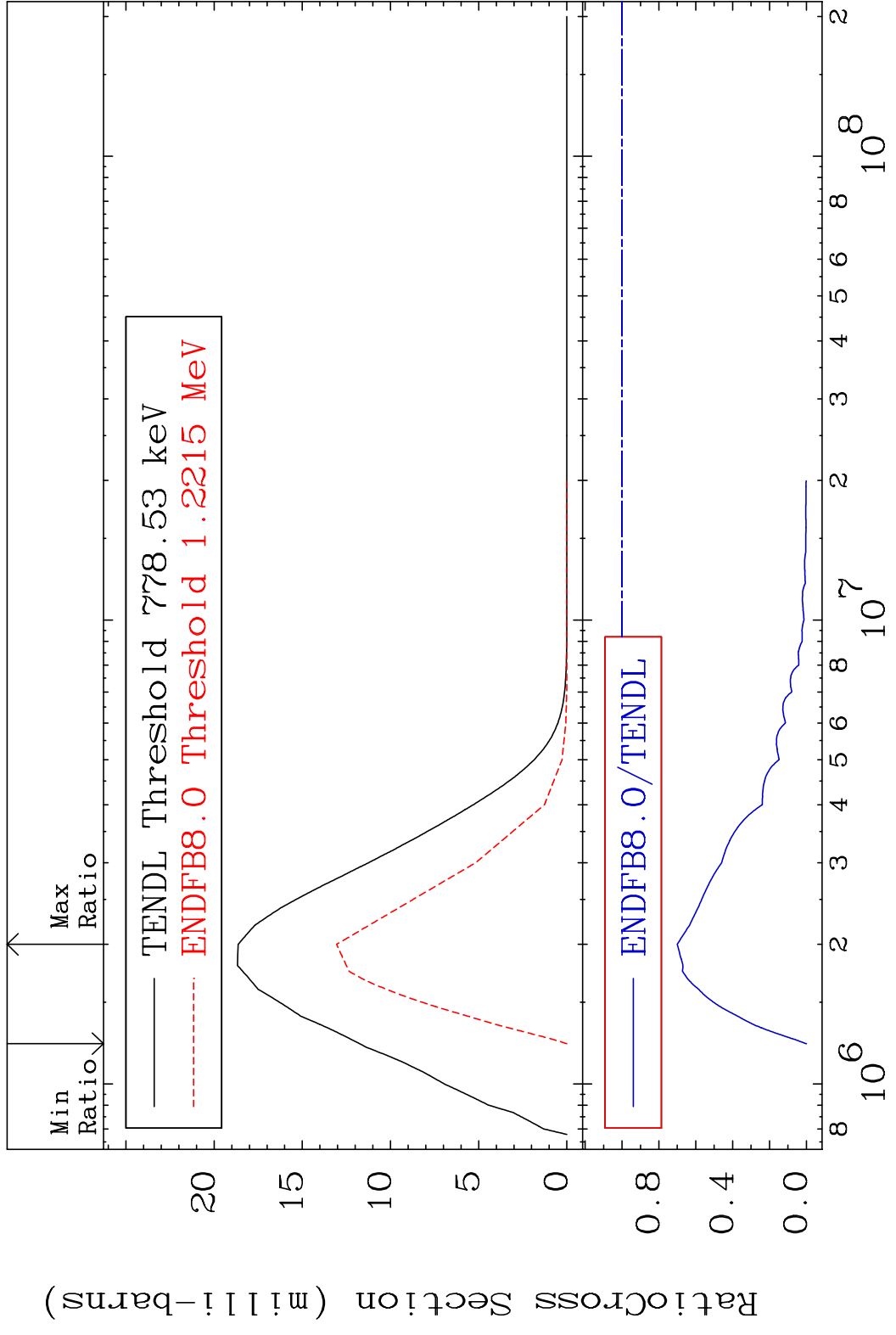
MAT 5253 MT= 63 (n, n') Level 52-Te-129m  
 Cross Section -100.0 To -92.78%



MAT 5253      MT= 64 (n,n') Level      52-Te-129m  
 Cross Section    -100.0 To 746.8 %



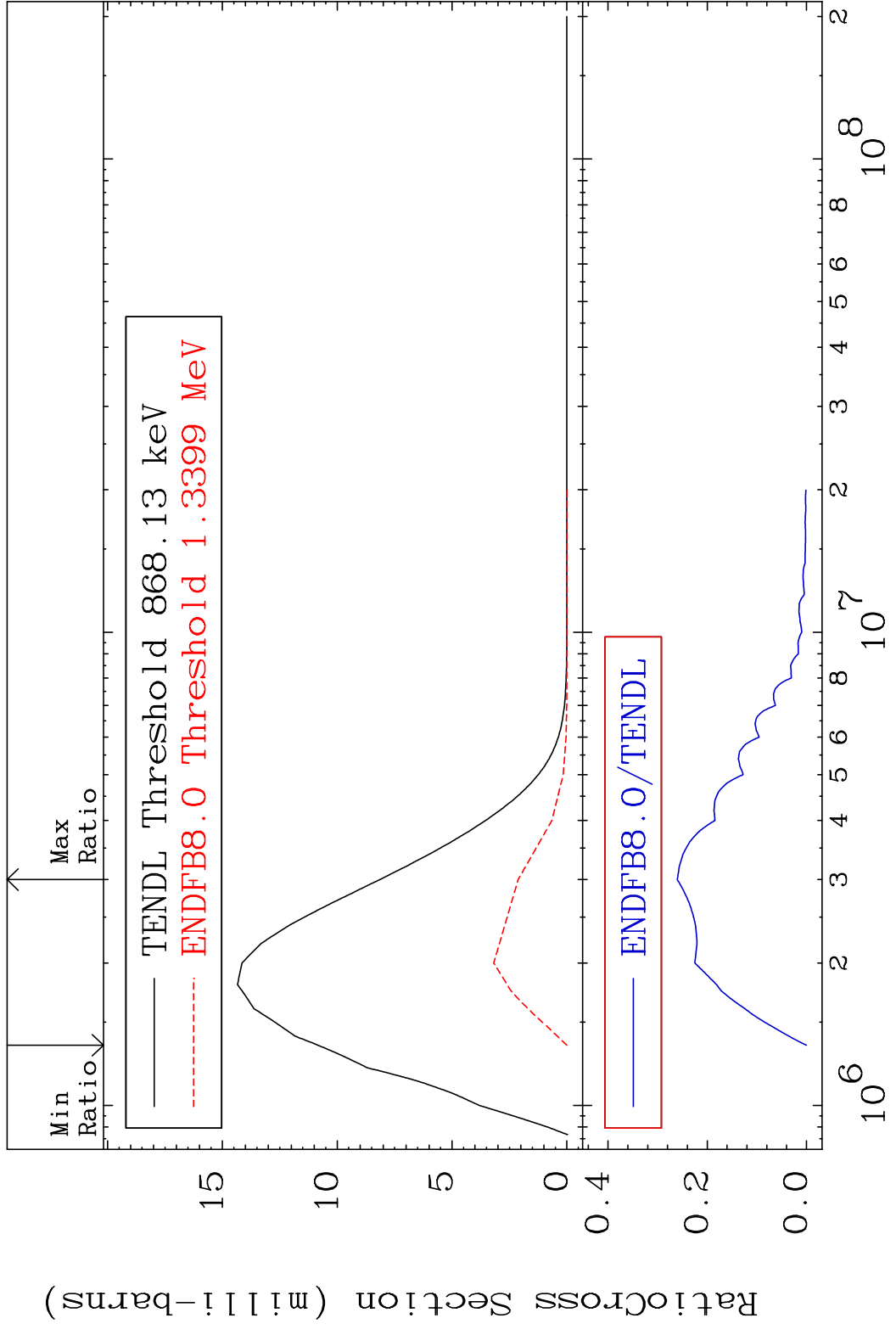
MAT 5253 MT= 65 (n,n') Level 52-Te-129m  
 Cross Section -100.0 To -29.92%



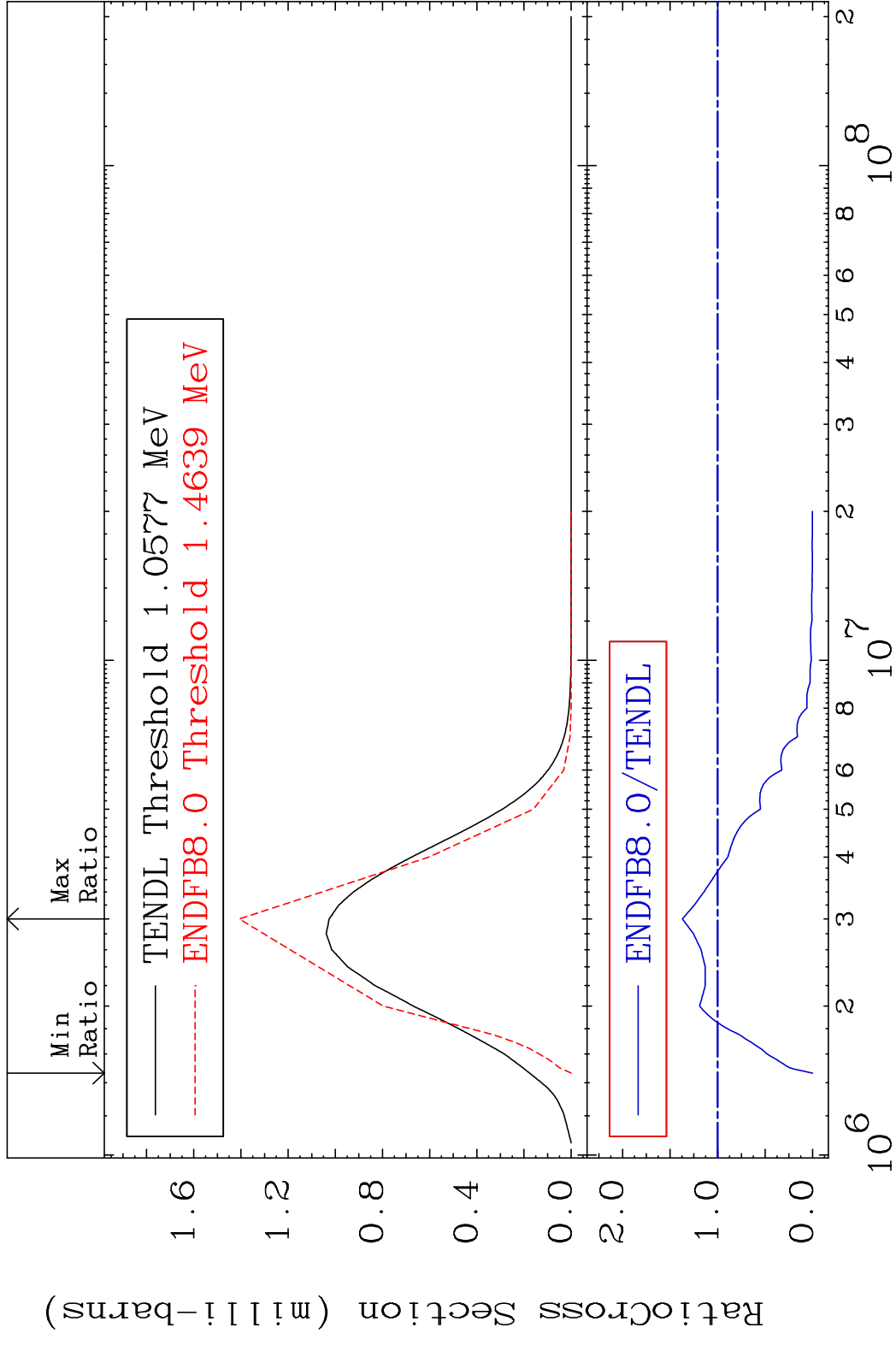
23 Incident Energy (eV) 52-Te-129m



MAT 5253 MT= 66 (n,n') Level 52-Te-129m  
 Cross Section -100.0 To -73.94%



MAT 5253 MT= 67 (n,n') Level 52-Te-129m  
 Cross Section -100.0 To 37.16 %



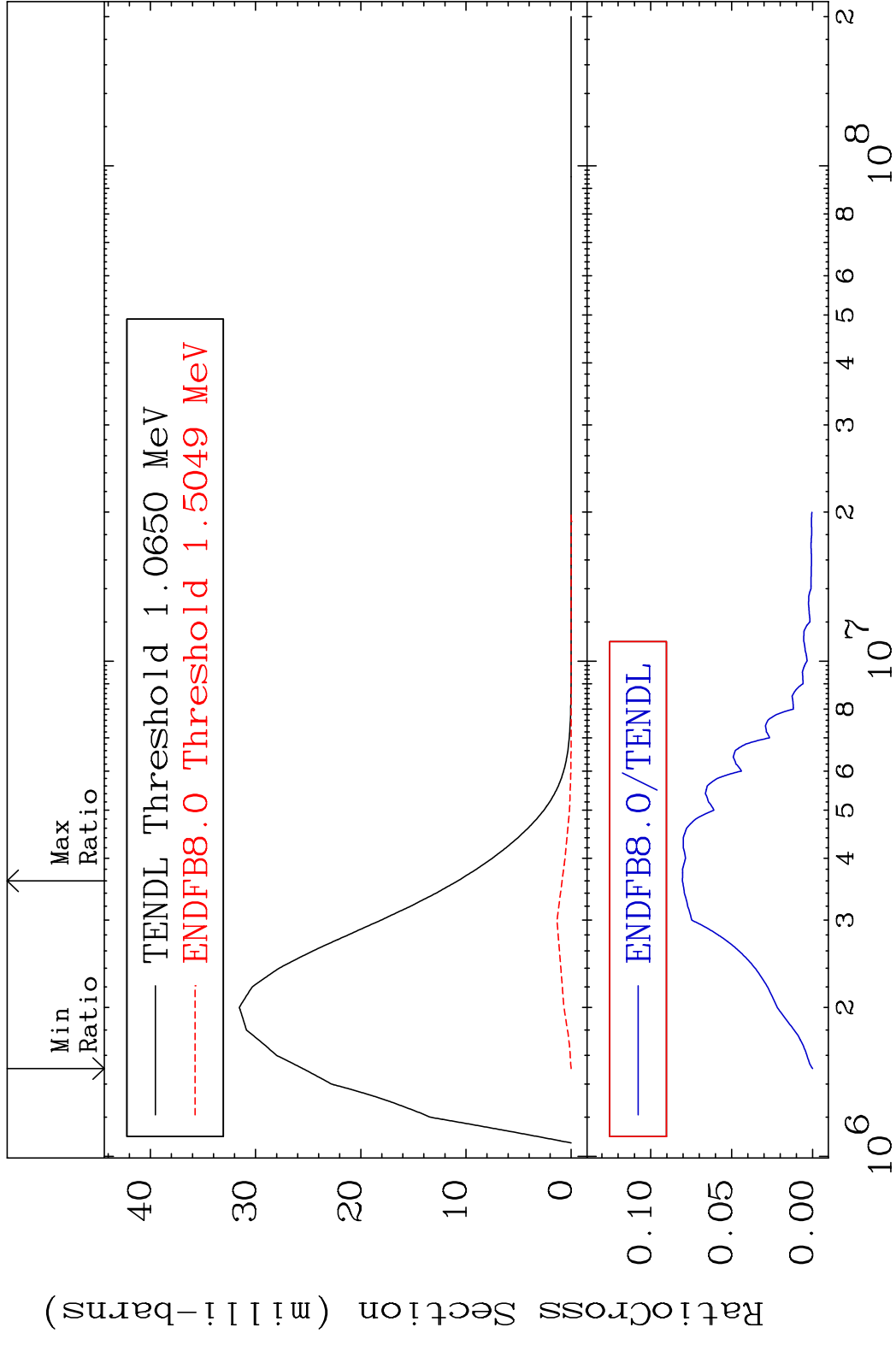
25 Incident Energy (eV) 52-Te-129m

MAT 5253

MT= 68 (n, n') Level

52-Te-129m

Cross Section -100.0 To -91.96%

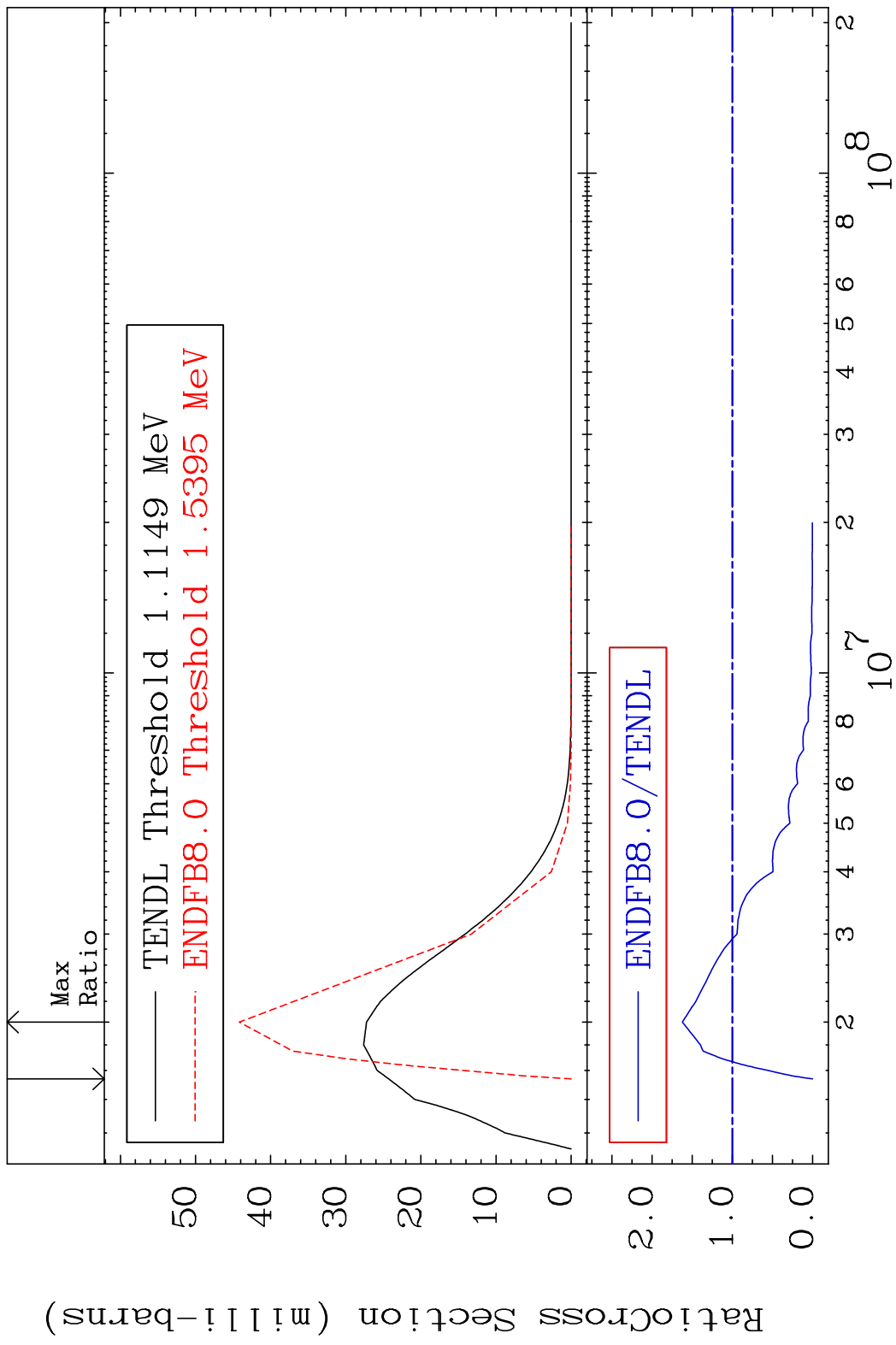


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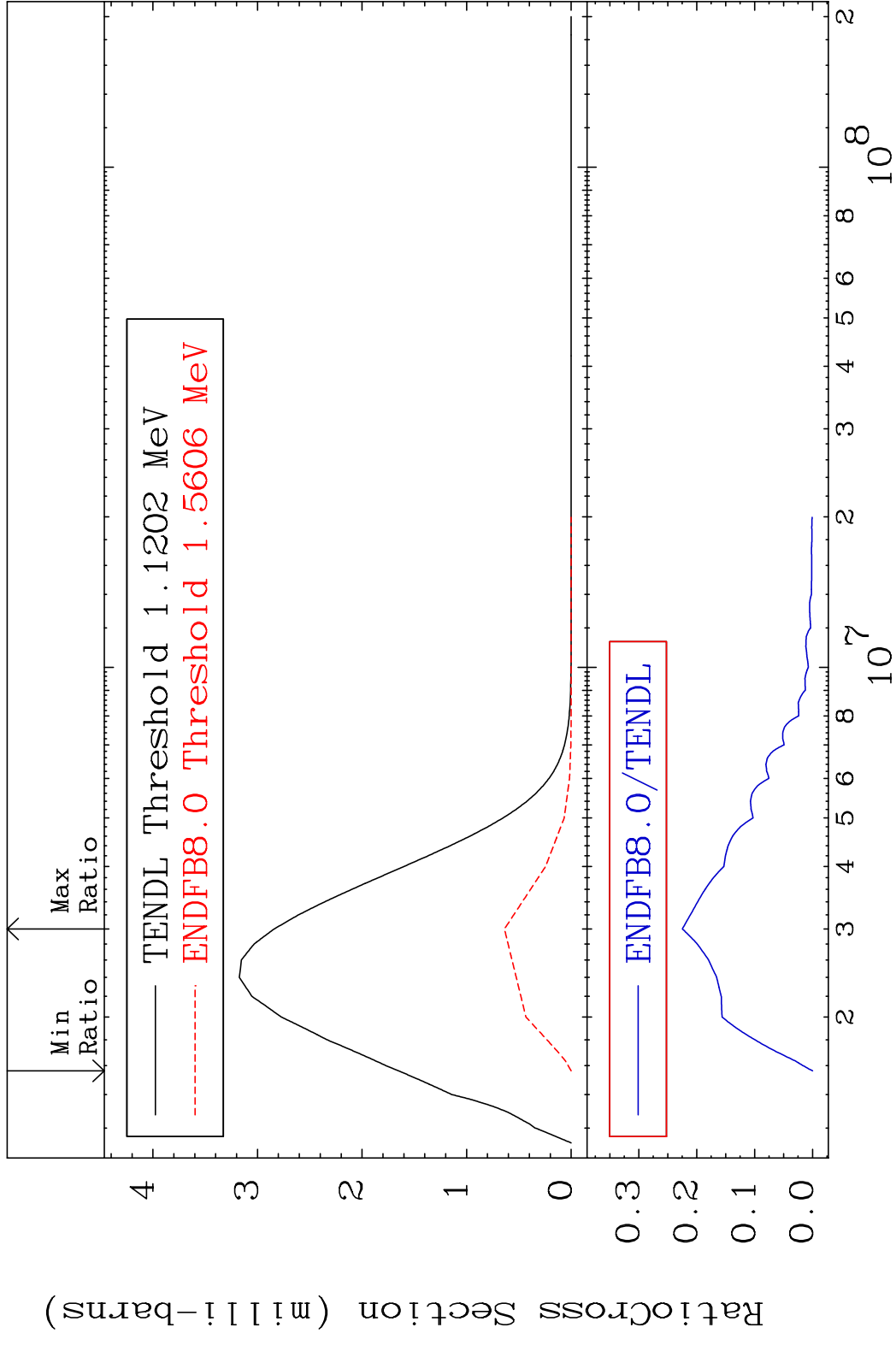
Incident Energy (eV)

52-Te-129m

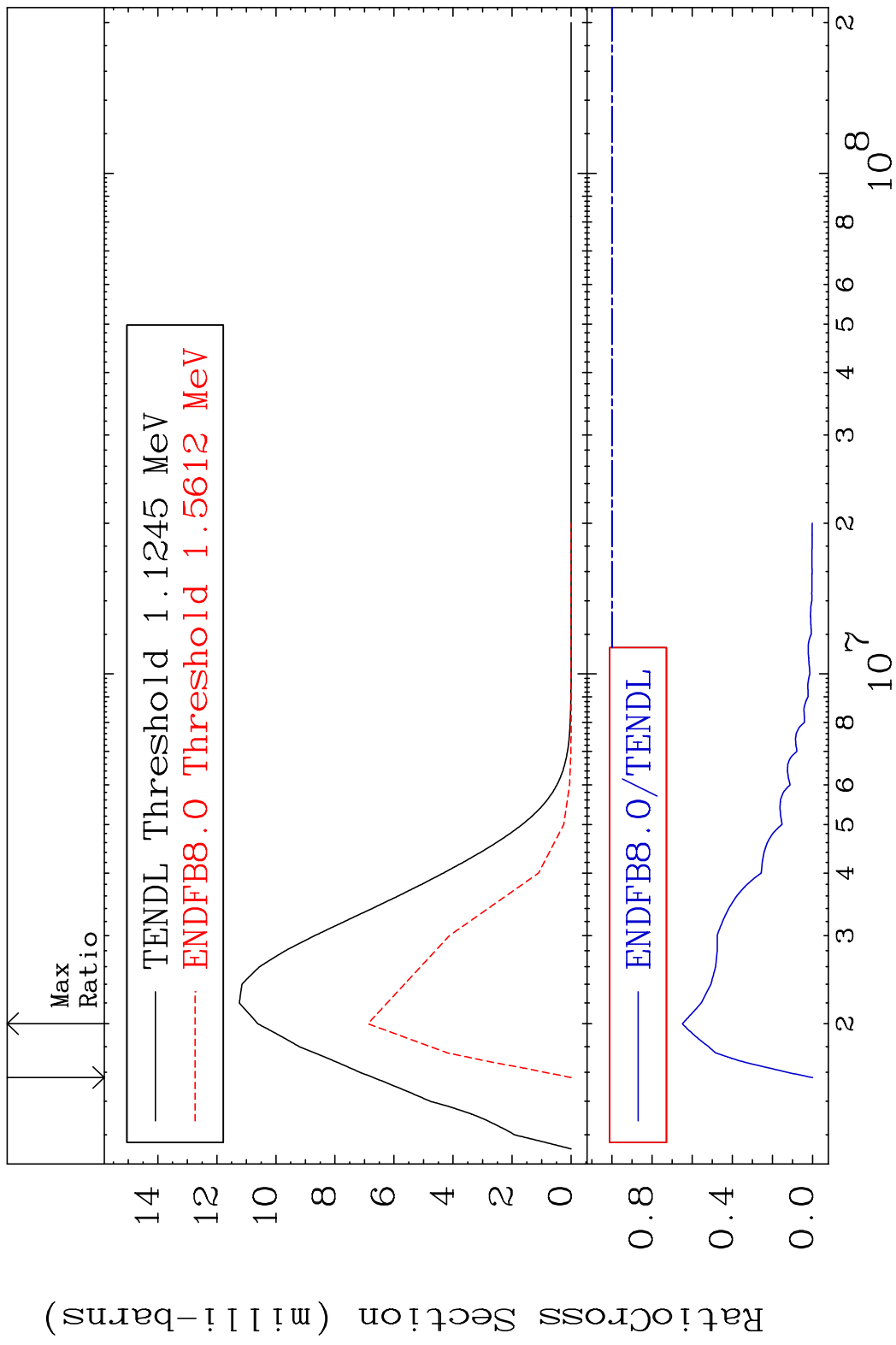
MAT 5253 MT= 69 (n, n') Level 52-Te-129m  
 Cross Section -100.0 To 62.19 %



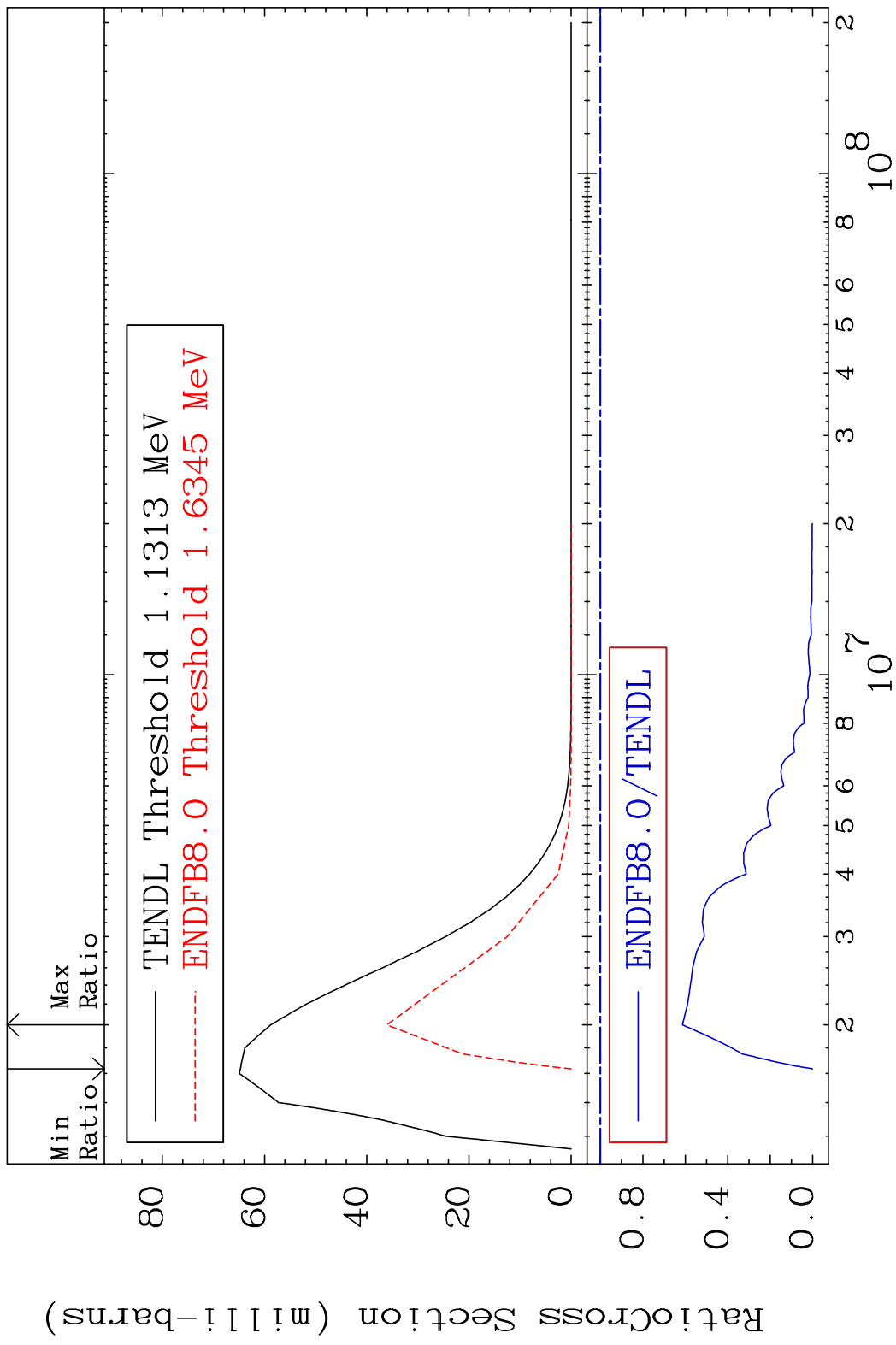
MAT 5253      MT= 70 (n,n') Level      52-Te-129m  
 Cross Section    -100.0 To -77.53%



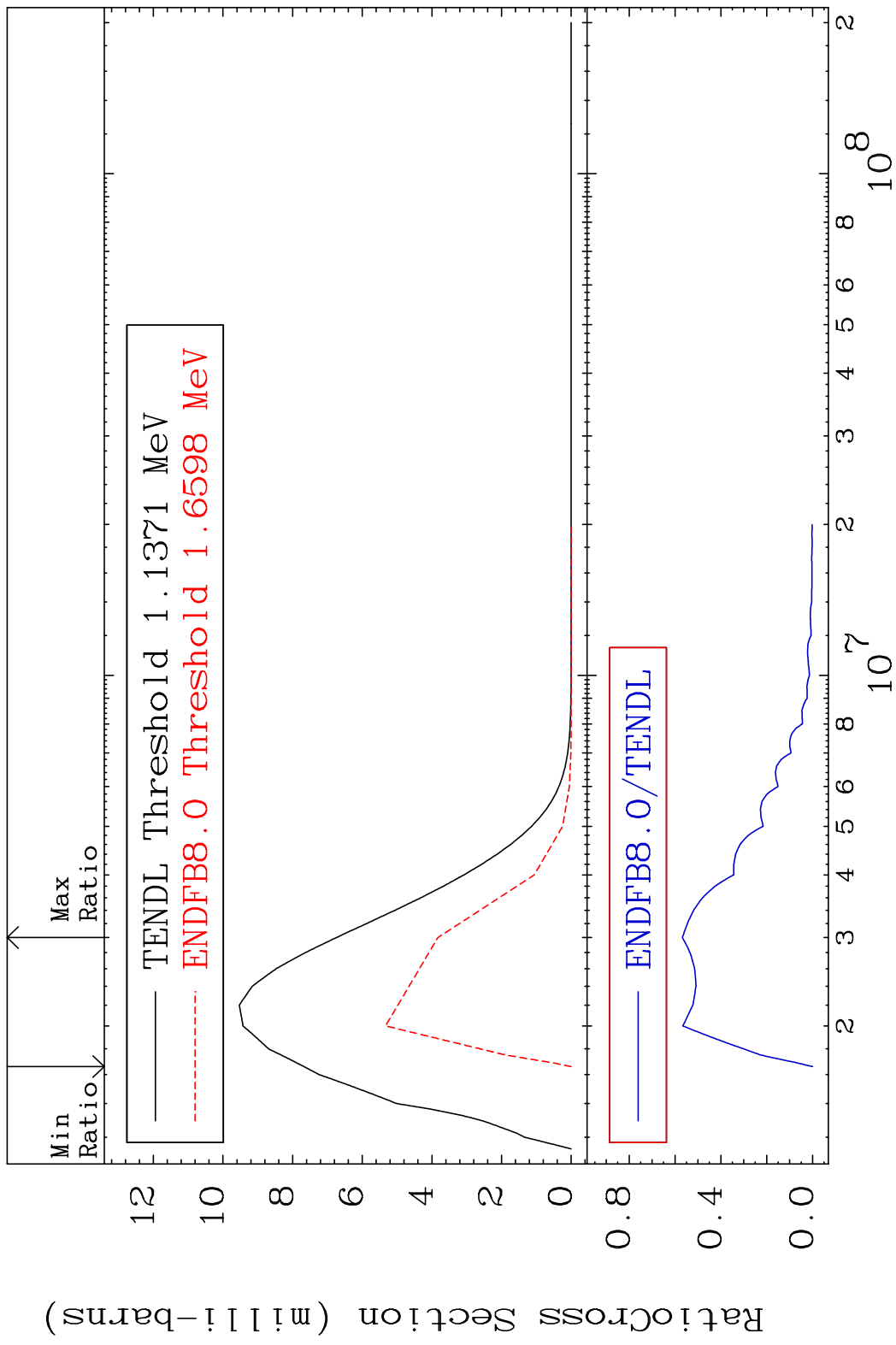
MAT 5253      MT= 71 (n,n') Level      52-Te-129m  
 Cross Section    -100.0 To -35.13%



MAT 5253 MT= 72 (n, n') Level 52-Te-129m  
 Cross Section -100.0 To -38.63%

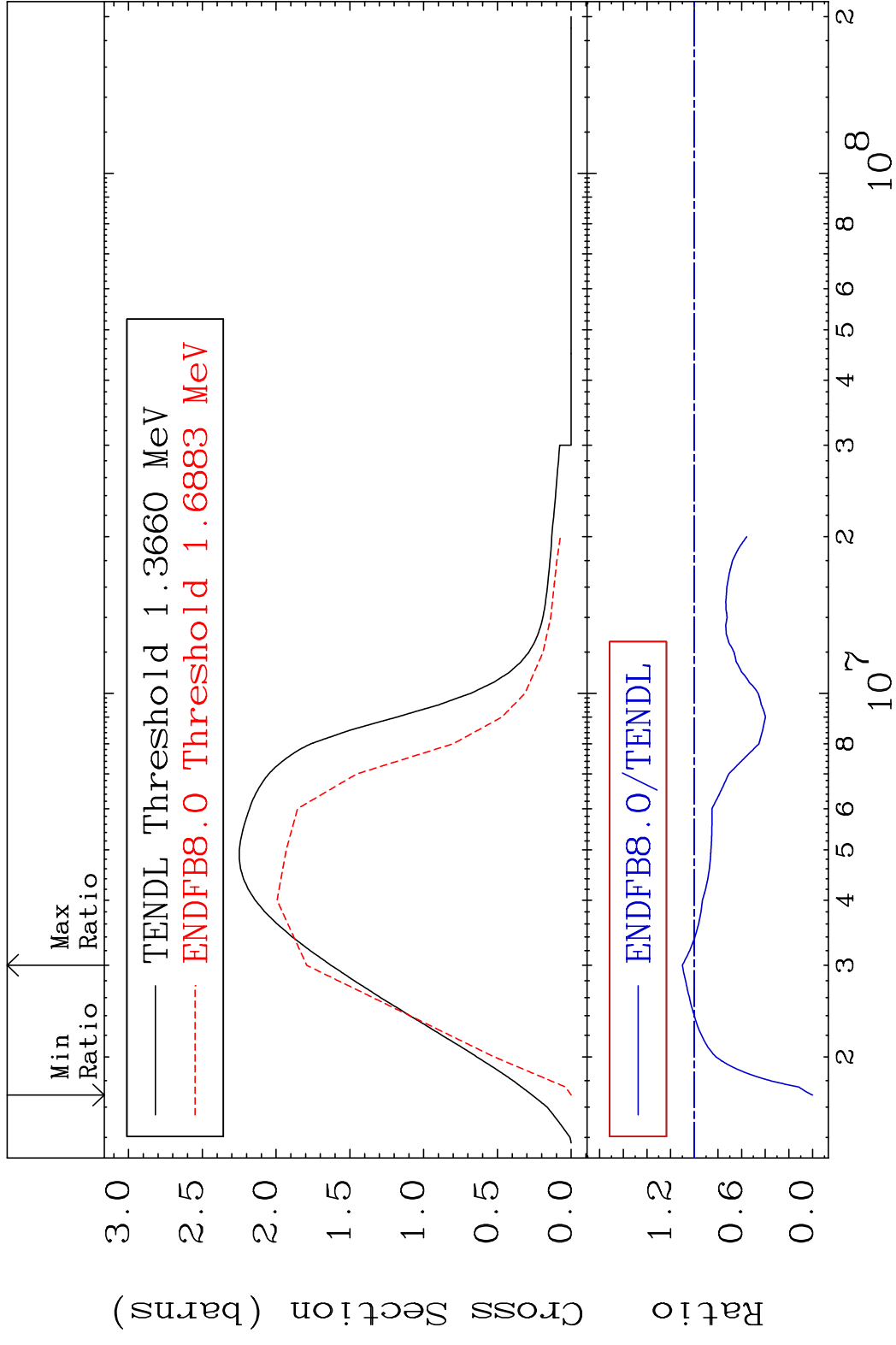


MAT 5253      MT= 73 (n,n') Level      52-Te-129m  
 Cross Section    -100.0 To -43.20%



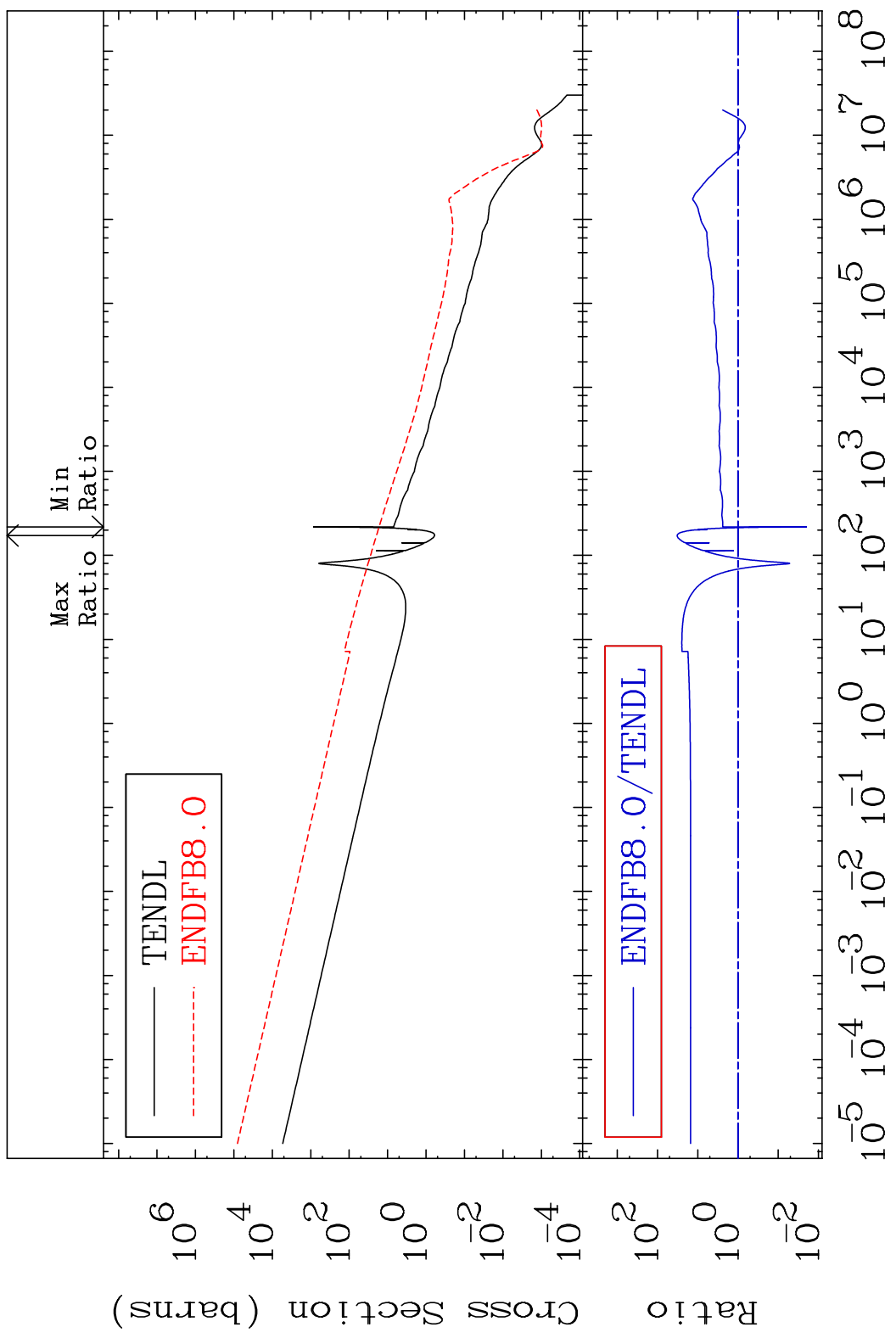


MAT 5253 (n,n') Continuum 52-Te-129m  
 Cross Section -100.0 To 10.06 %



MAT 5253

(n,  $\gamma$ )  
Cross Section -98.00 To 3141. %  
52-Te-129m



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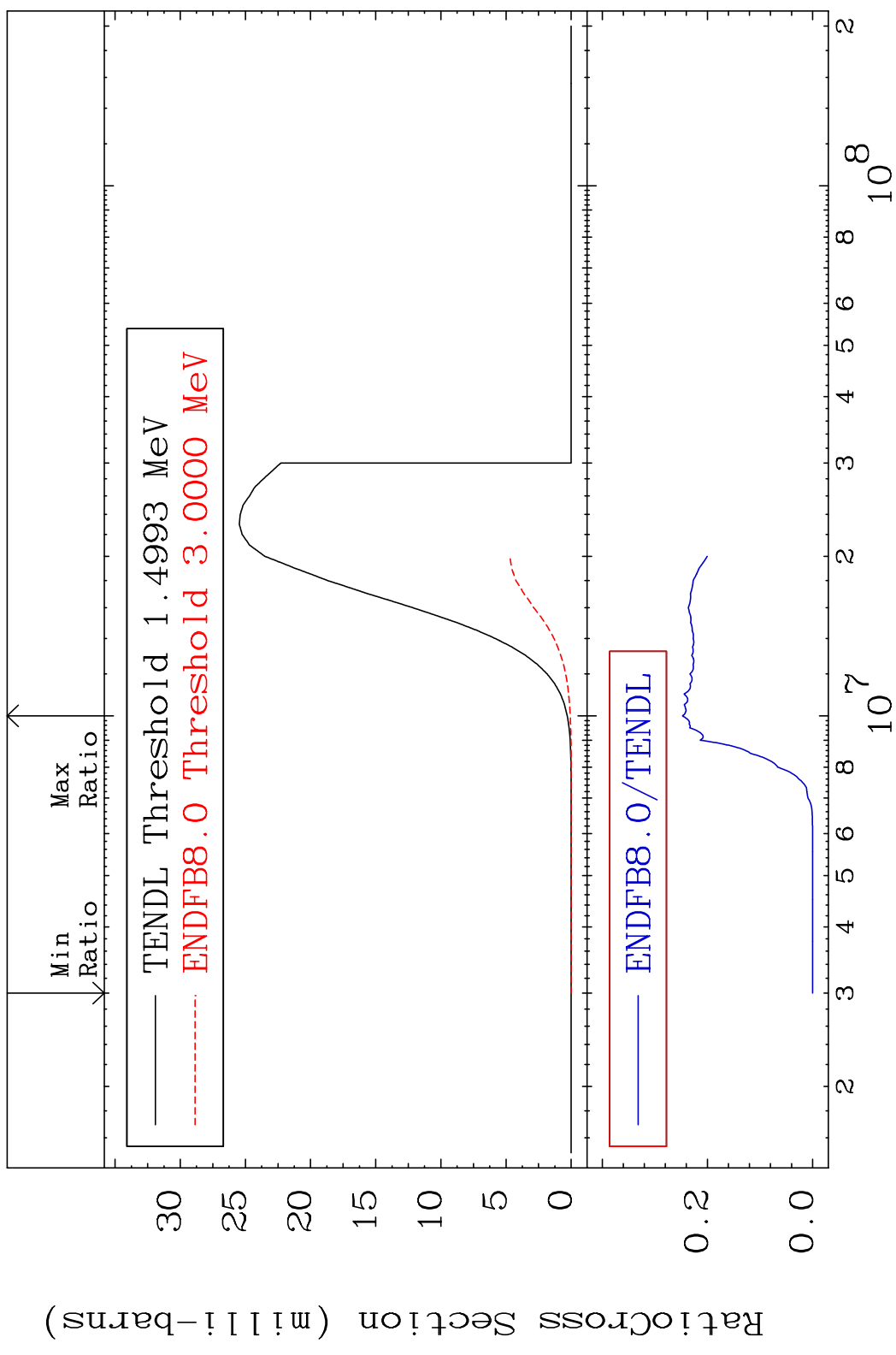
Incident Energy (eV) 52-Te-129m

MAT 5253

(n, p)

52-Te-129m

Cross Section -100.0 To -75.23%

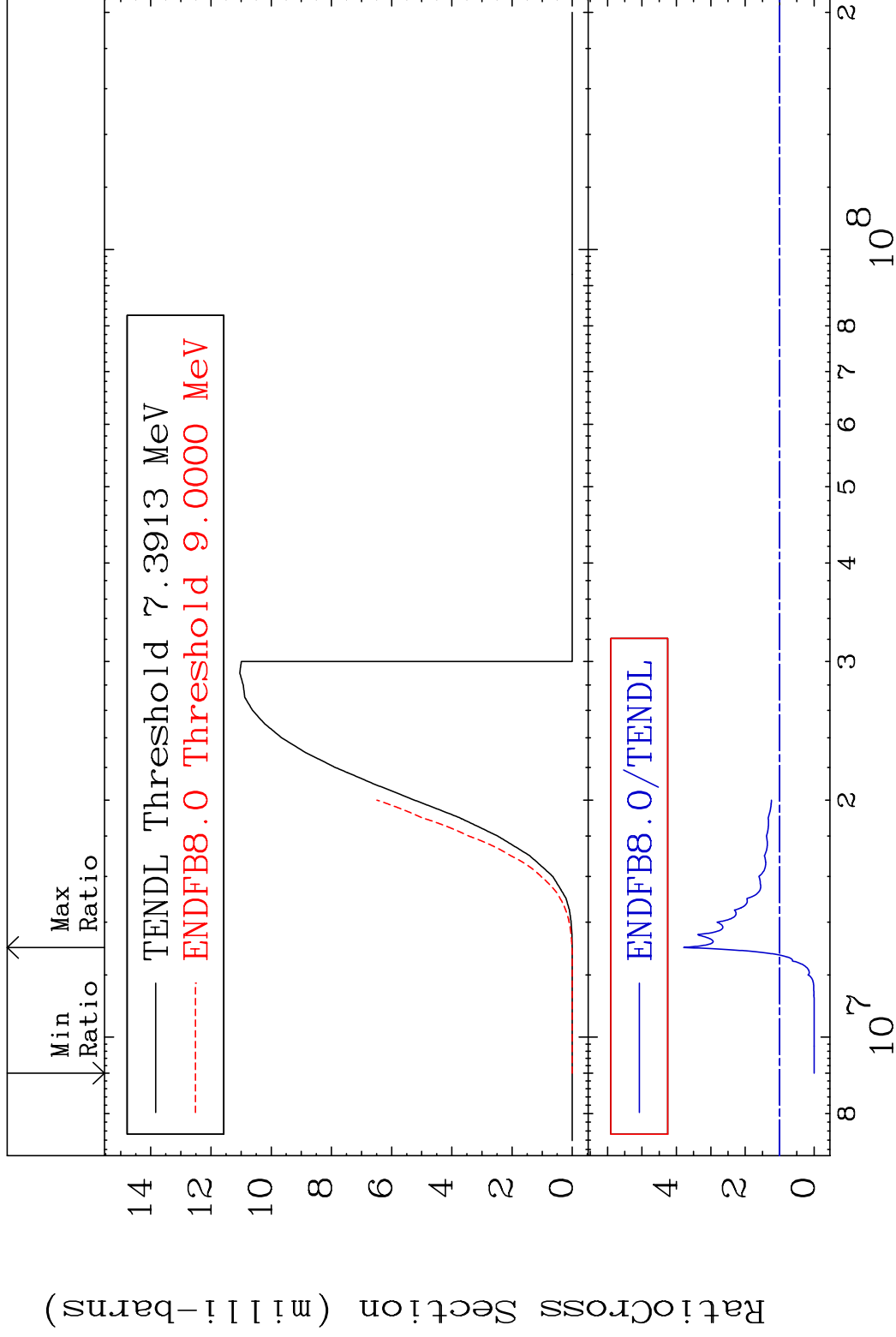


MAT 5253

(n,d)

52-Te-129m

Cross Section -100.0 To 278.8 %



35

Incident Energy (eV)

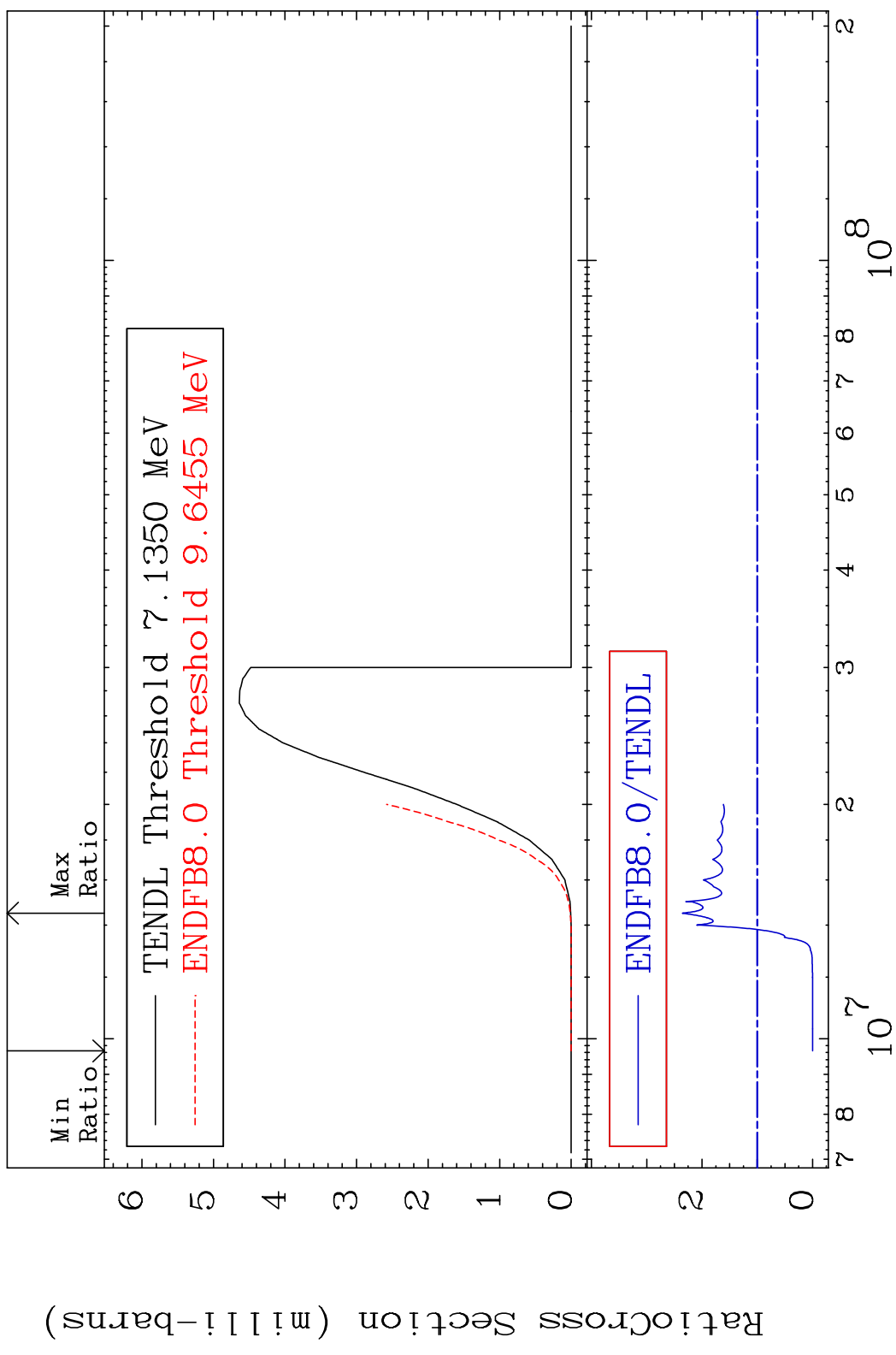
52-Te-129m

MAT 5253

(n, t)

52-Te-129m

Cross Section -100.0 To 135.5 %



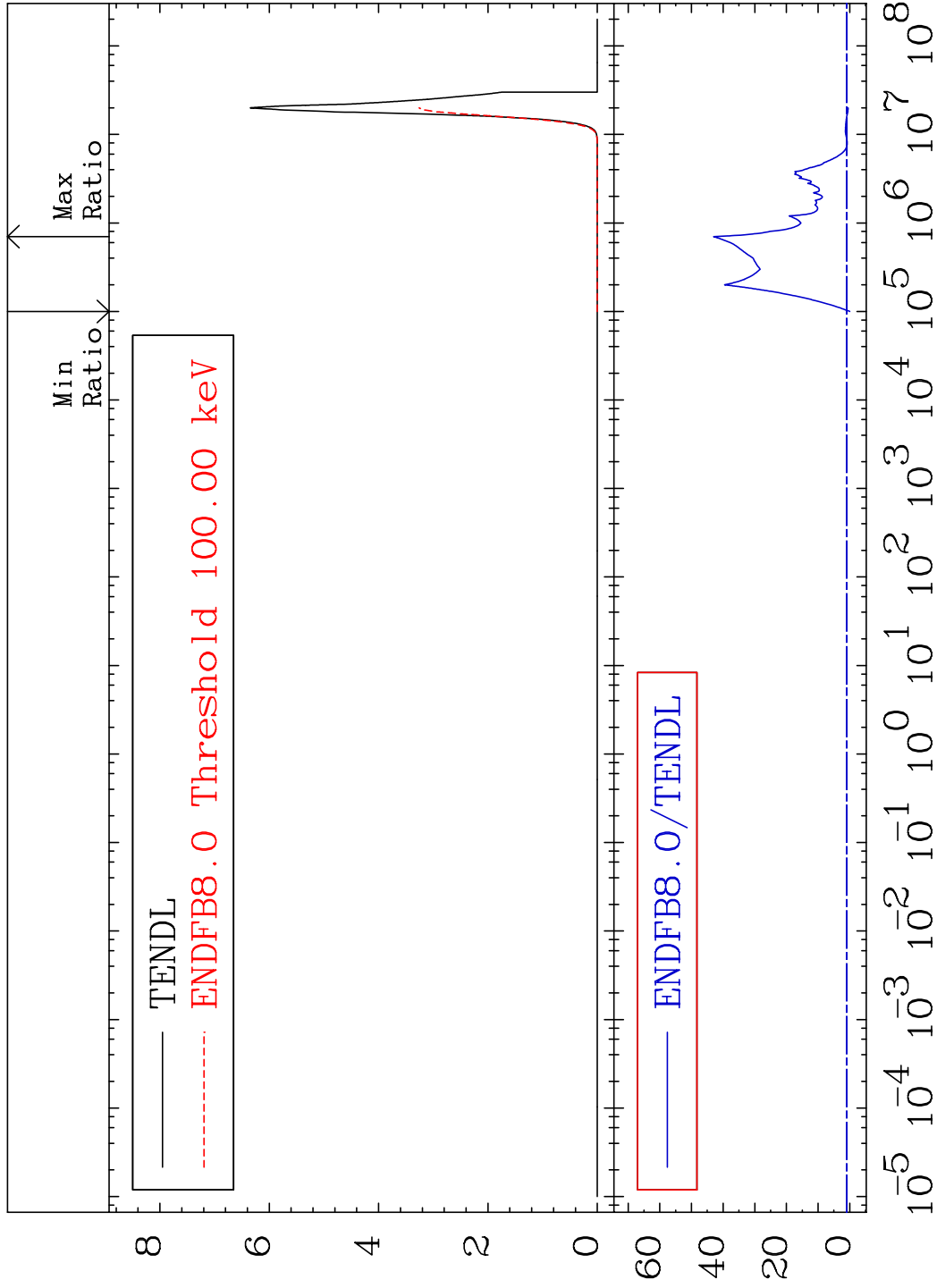
MAT 5253

(n,  $\alpha$ )

52-Te-129m

Cross Section -100.0 To 4201. %

RatioCross Section (milli-barns)



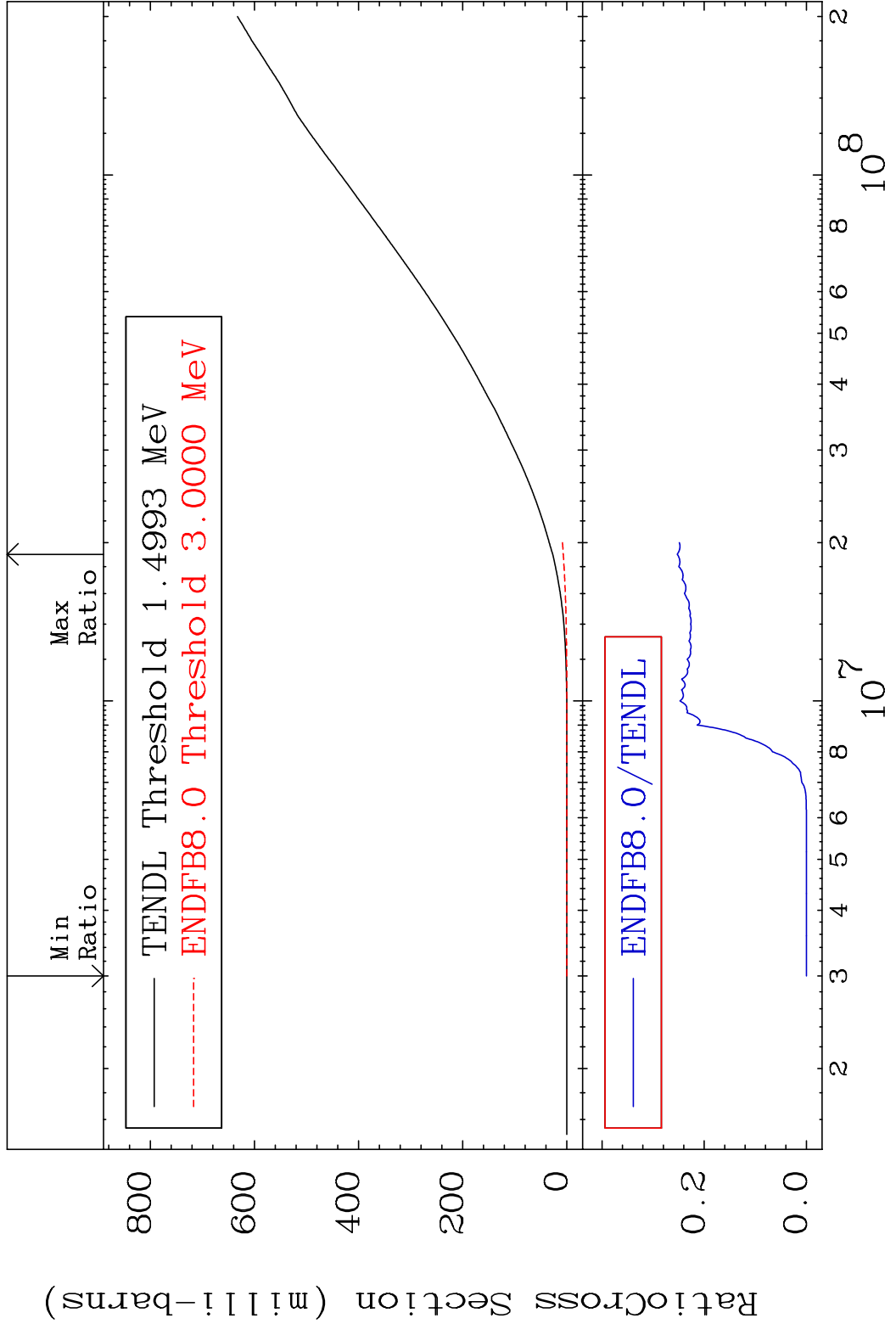
37

Incident Energy (eV)

52-Te-129m

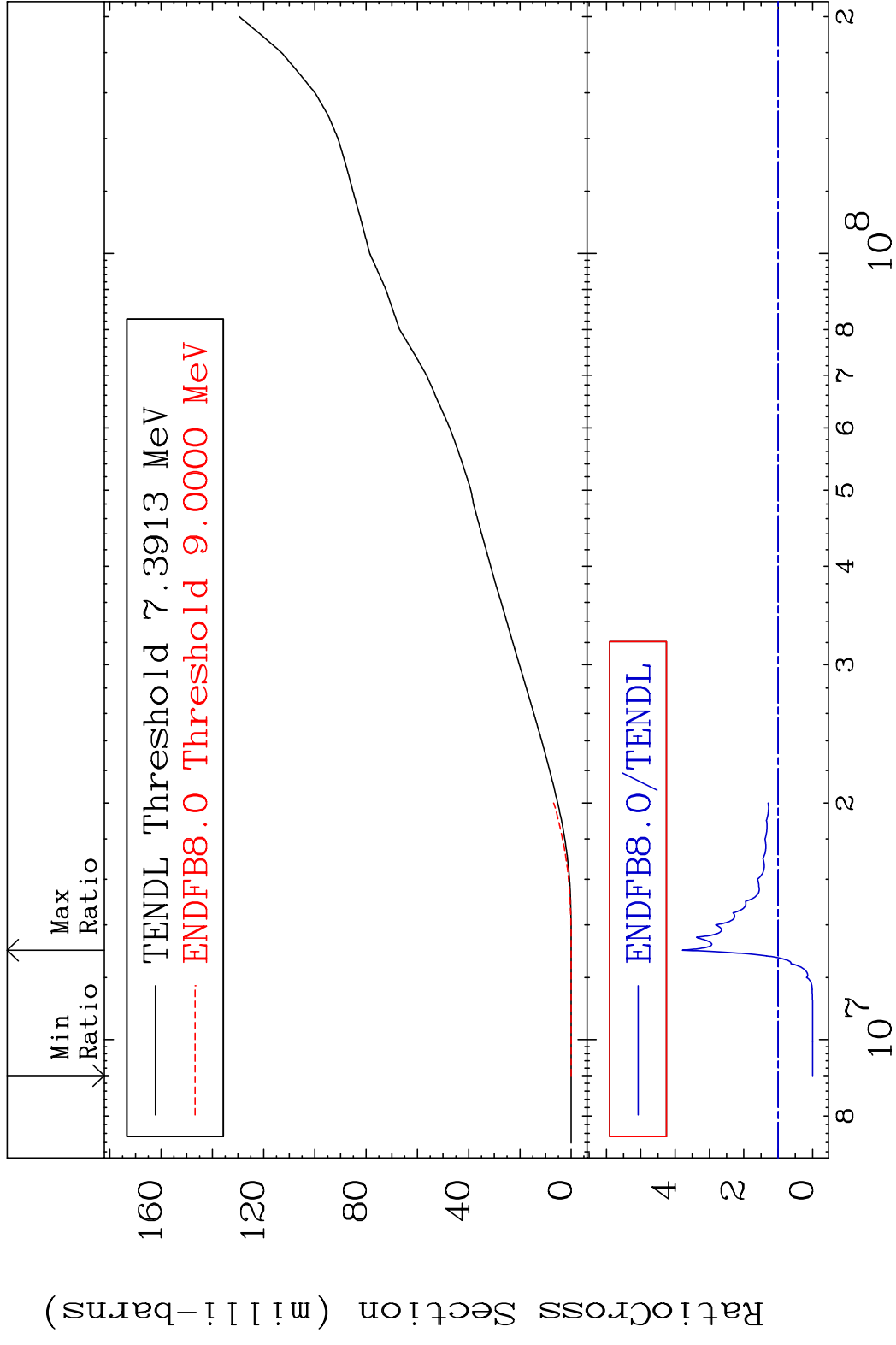
MAT 5253

Hydrogen Production 52-Te-129m  
Cross Section -100.0 To -74.71%



MAT 5253

Deuterium Production 52-Te-129m  
Cross Section -100.0 To 278.8 %



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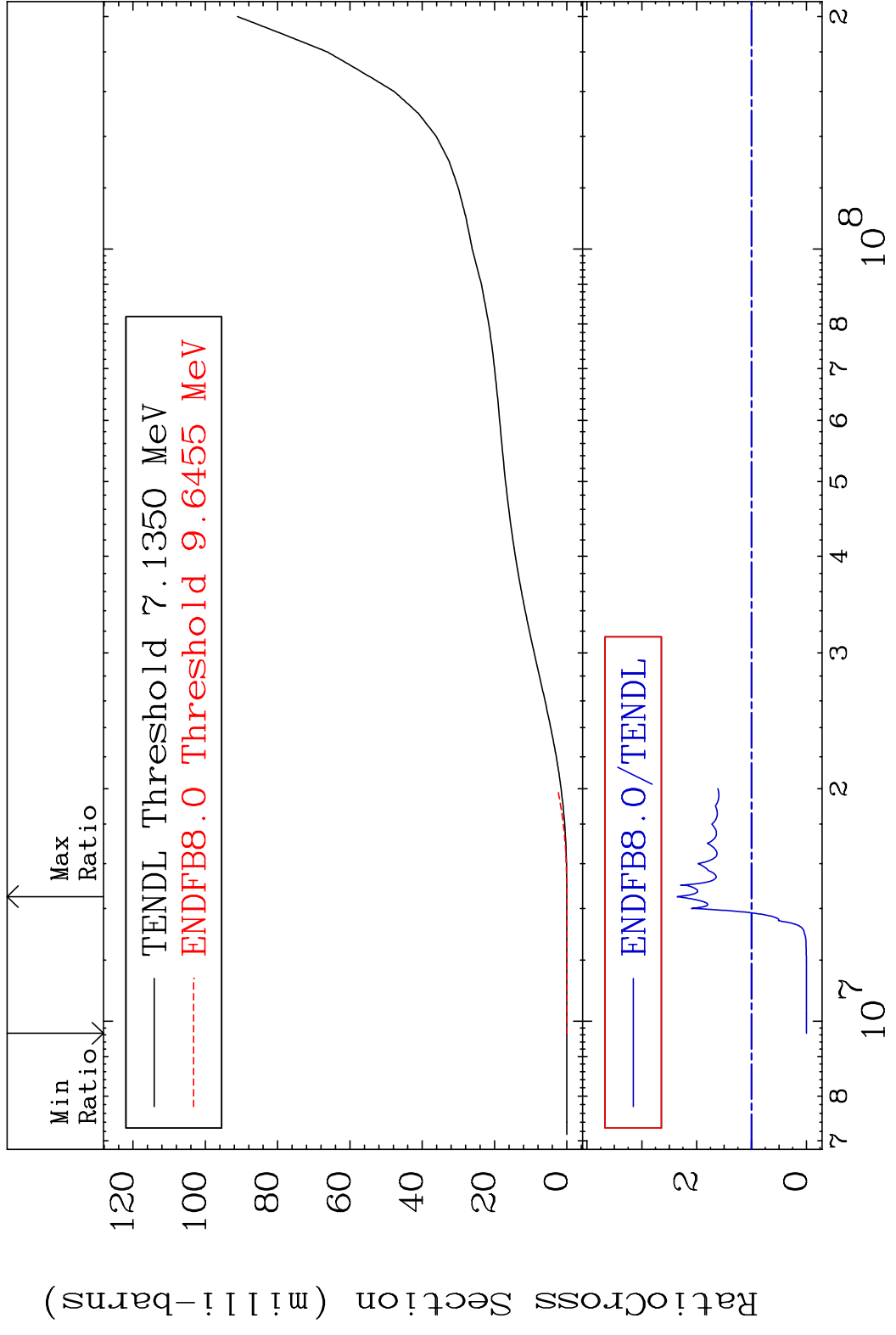
Incident Energy (eV)

52-Te-129m



MAT 5253

Tritium Production 52-Te-129m  
Cross Section -100.0 To 135.5 %



40

Incident Energy (eV)

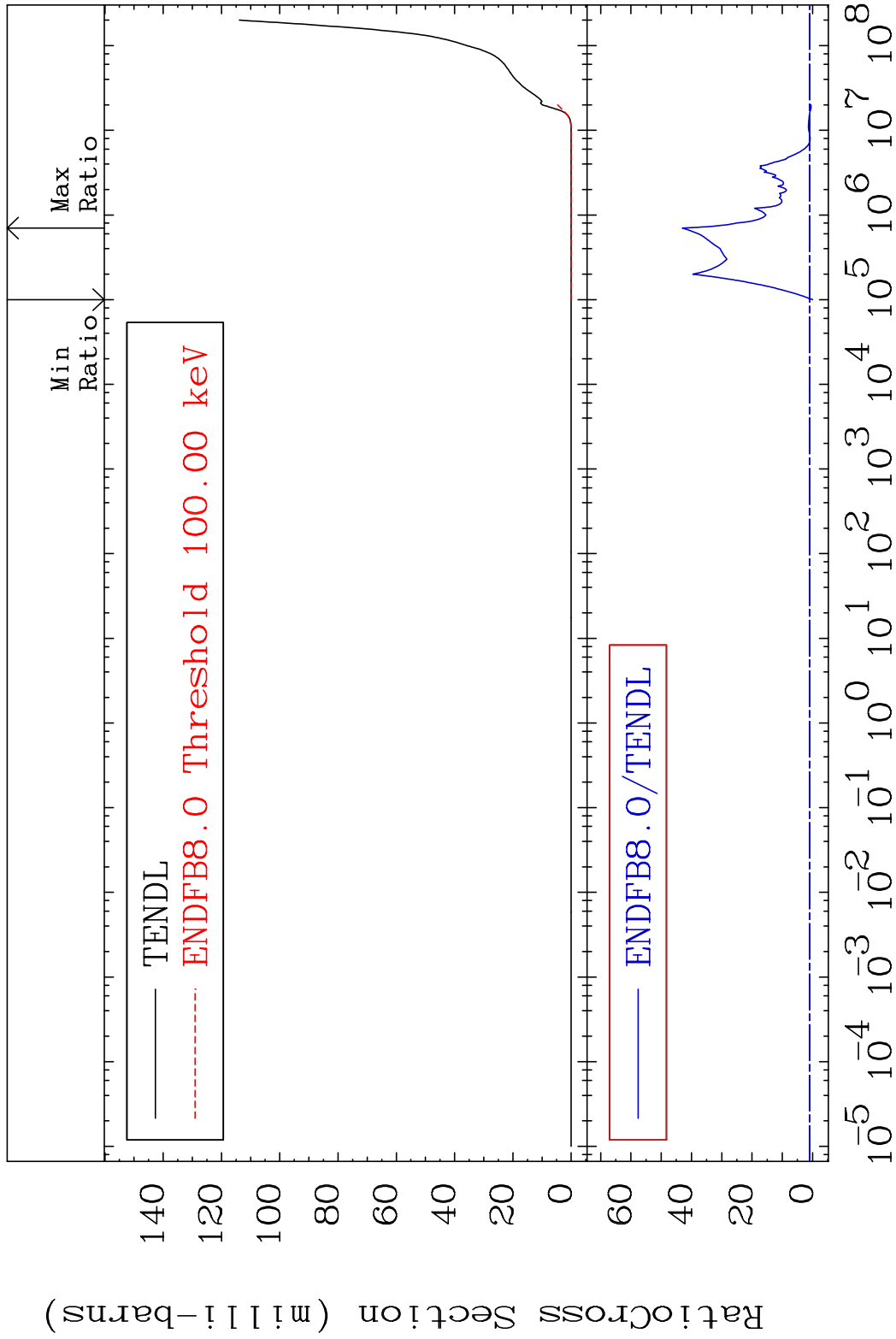
52-Te-129m

MAT 5253

He-4 Production

52-Te-129m

Cross Section -100.0 To 4201. %

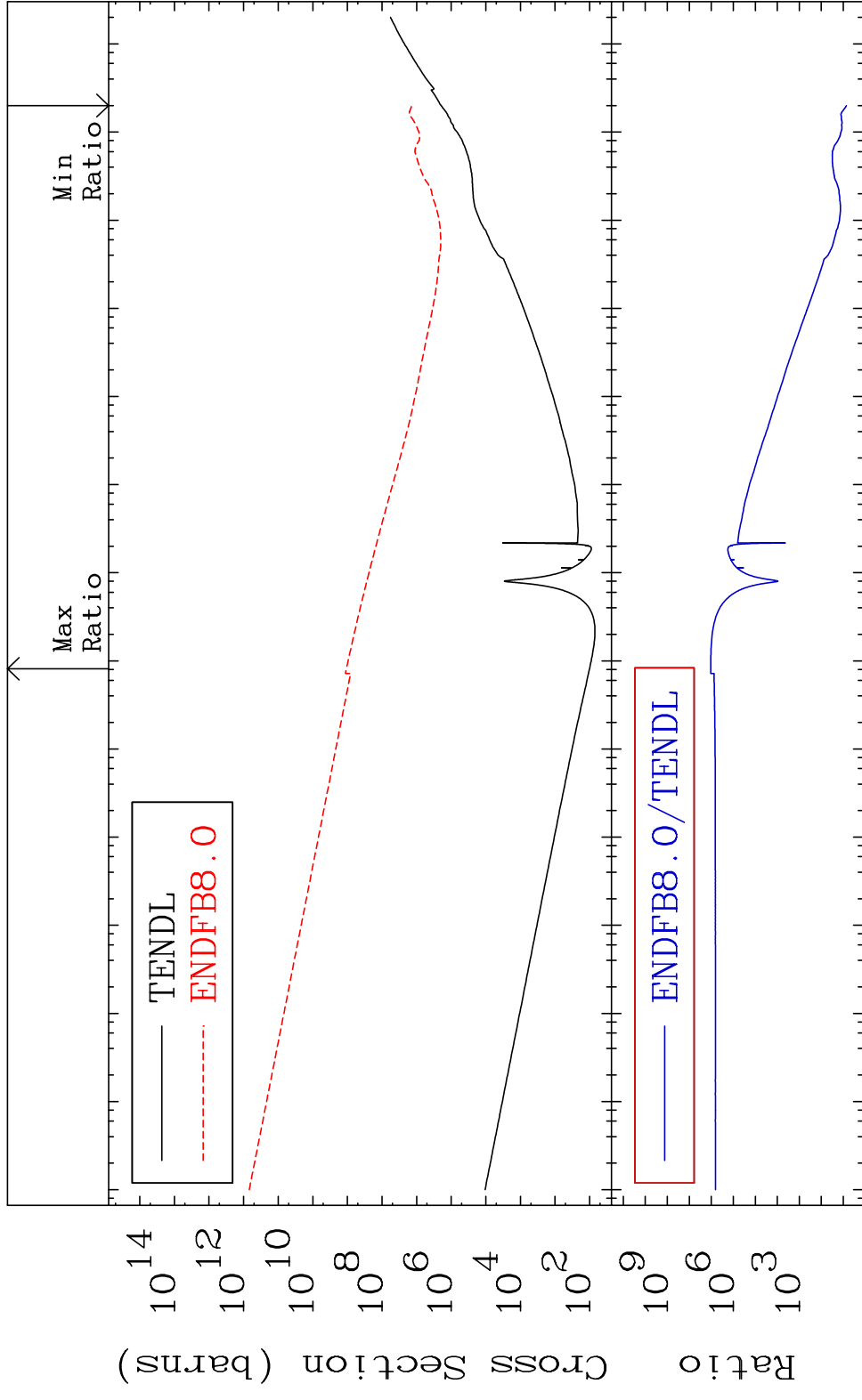


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Incident Energy (eV)

52-Te-129m

MAT 5253      Kerma total (eV-barns)      52-Te-129m  
 Cross Section      626.6      To 9999. %



10<sup>14</sup>  
 10<sup>12</sup>  
 10<sup>10</sup>  
 10<sup>8</sup>  
 10<sup>6</sup>  
 10<sup>4</sup>  
 10<sup>2</sup>  
 10<sup>0</sup>  
 10<sup>-2</sup>  
 10<sup>-4</sup>  
 10<sup>-6</sup>  
 10<sup>-8</sup>

Cross Section (barns)

10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

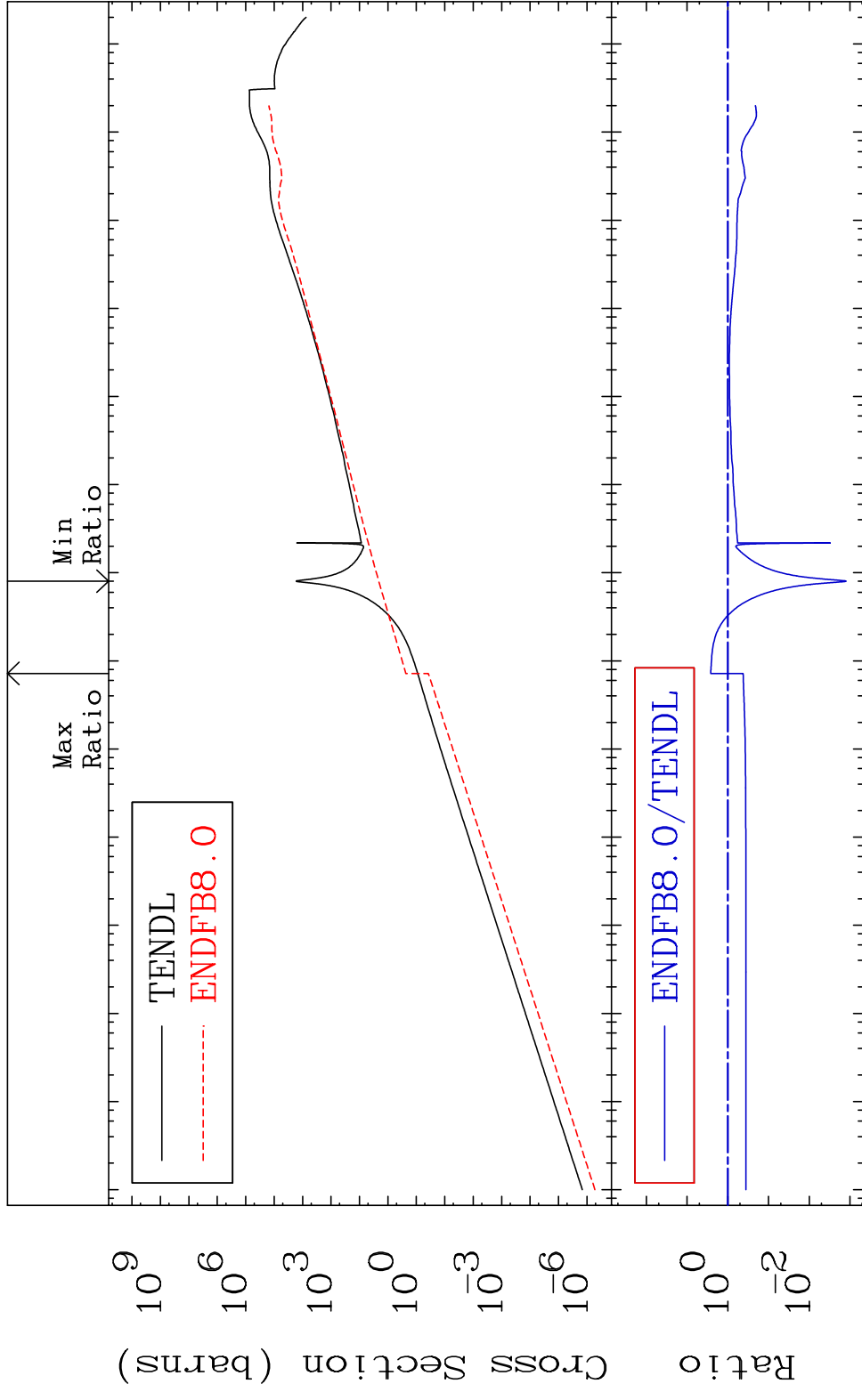
Incident Energy (eV)

42      52-Te-129m

MAT 5253

Kerma elastic Cross Section -99.88 To 163.0 %

52-Te-129m

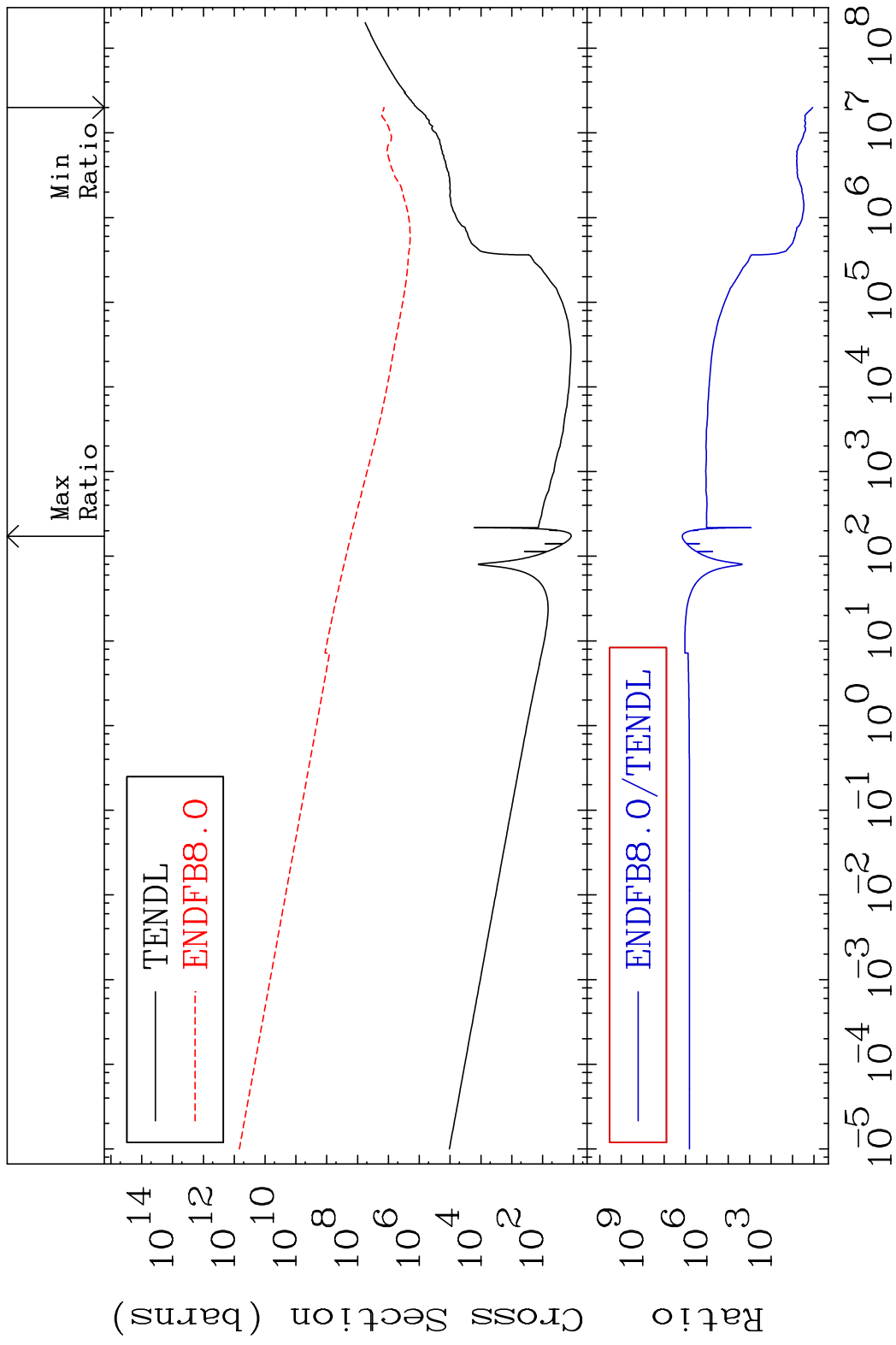


43

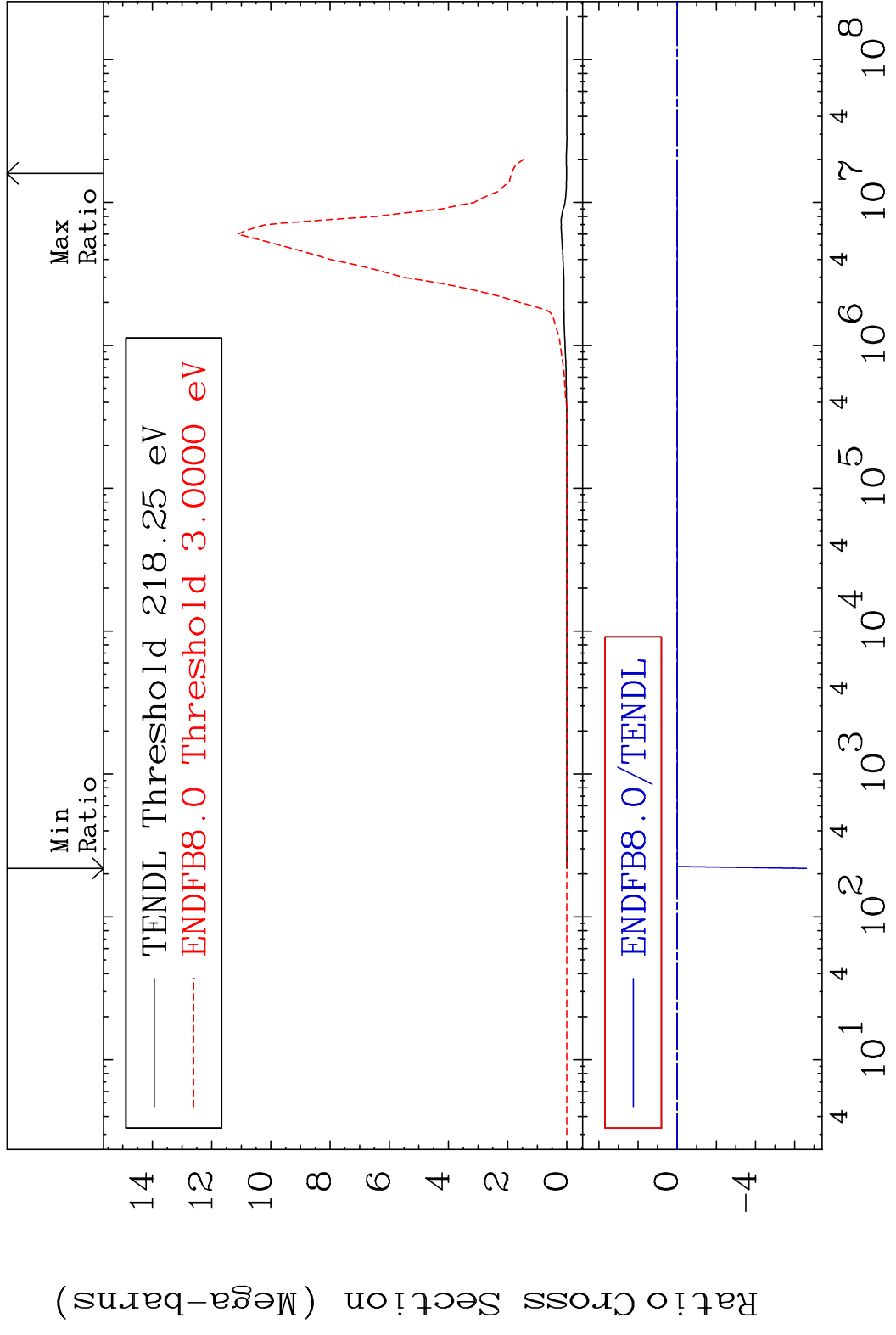
Incident Energy (eV)

52-Te-129m

MAT 5253 Kerma non-elastic (all but mt2) 52-Te-129m  
 Cross Section 1057. To 9999. %

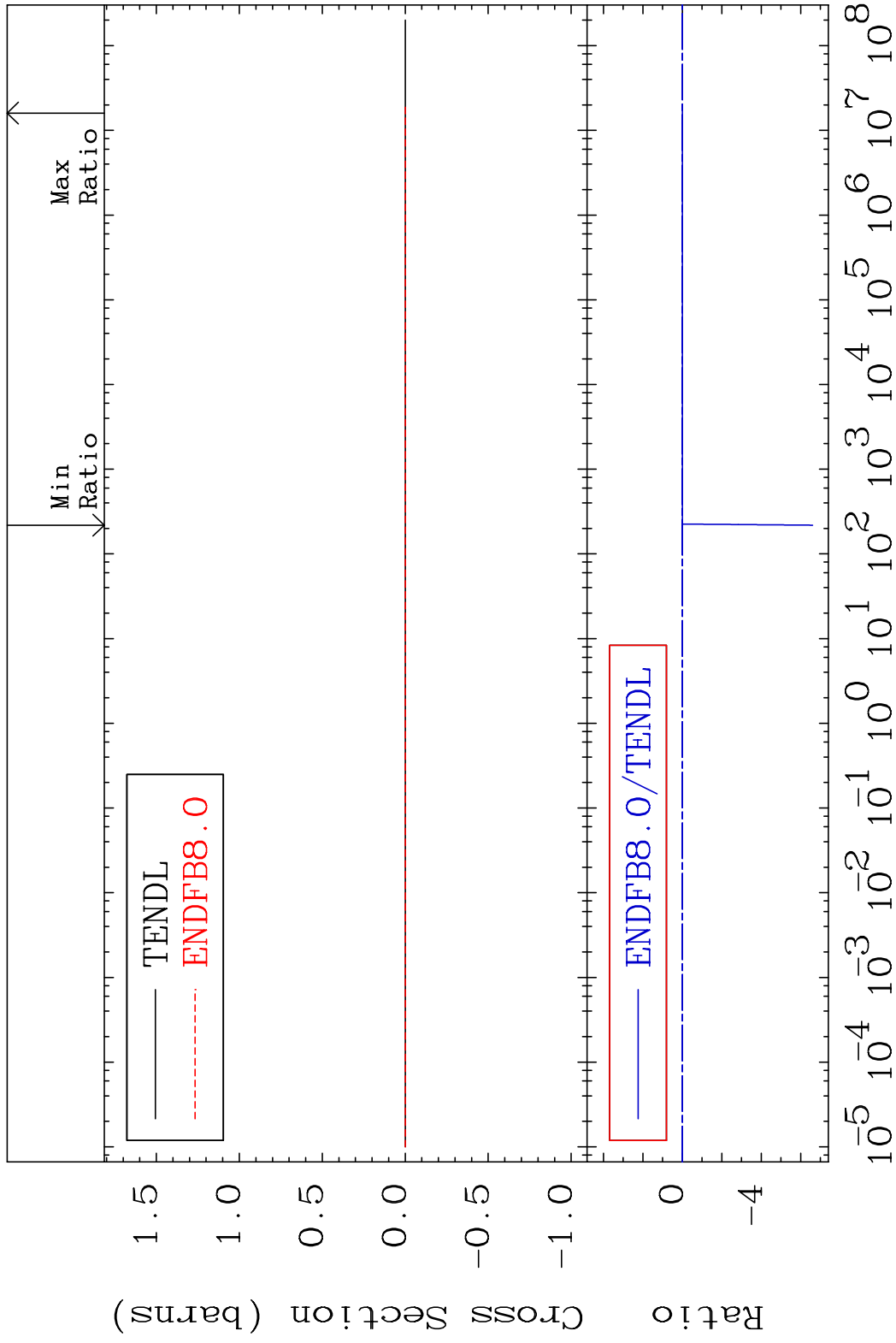


MAT 5253 Kerma inelastic (mt51-91) 52-Te-129m  
 Cross Section -9999. To 9999. %



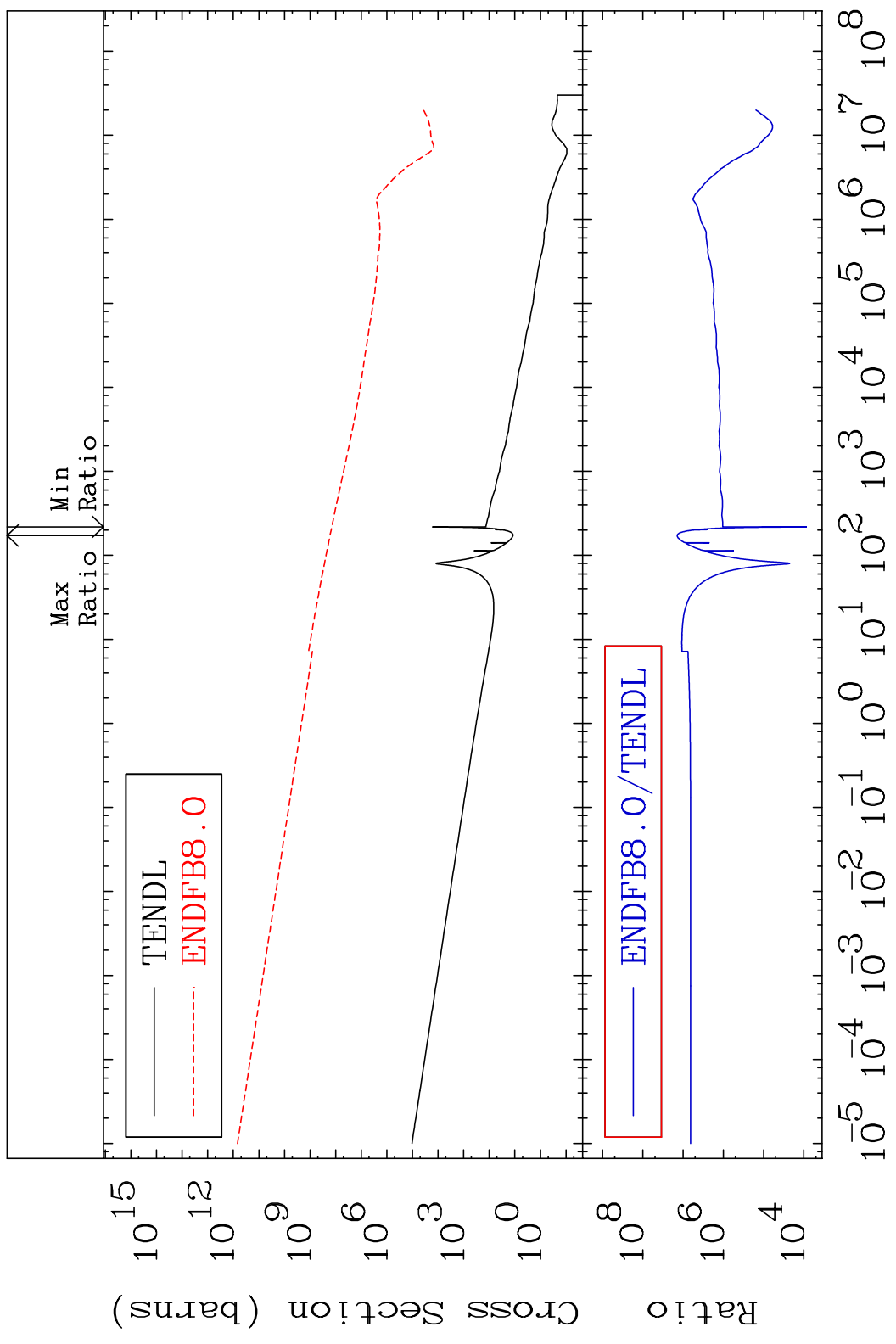
45 Incident Energy (eV) 52-Te-129m

MAT 5253 Kerma fission (mt18 or mt19-20-21-35) - Te-129m  
 Cross Section -9999. To 9999. %



MAT 5253

Kerma capture (mt102) 52-Te-129m  
Cross Section 9999. To 9999. %

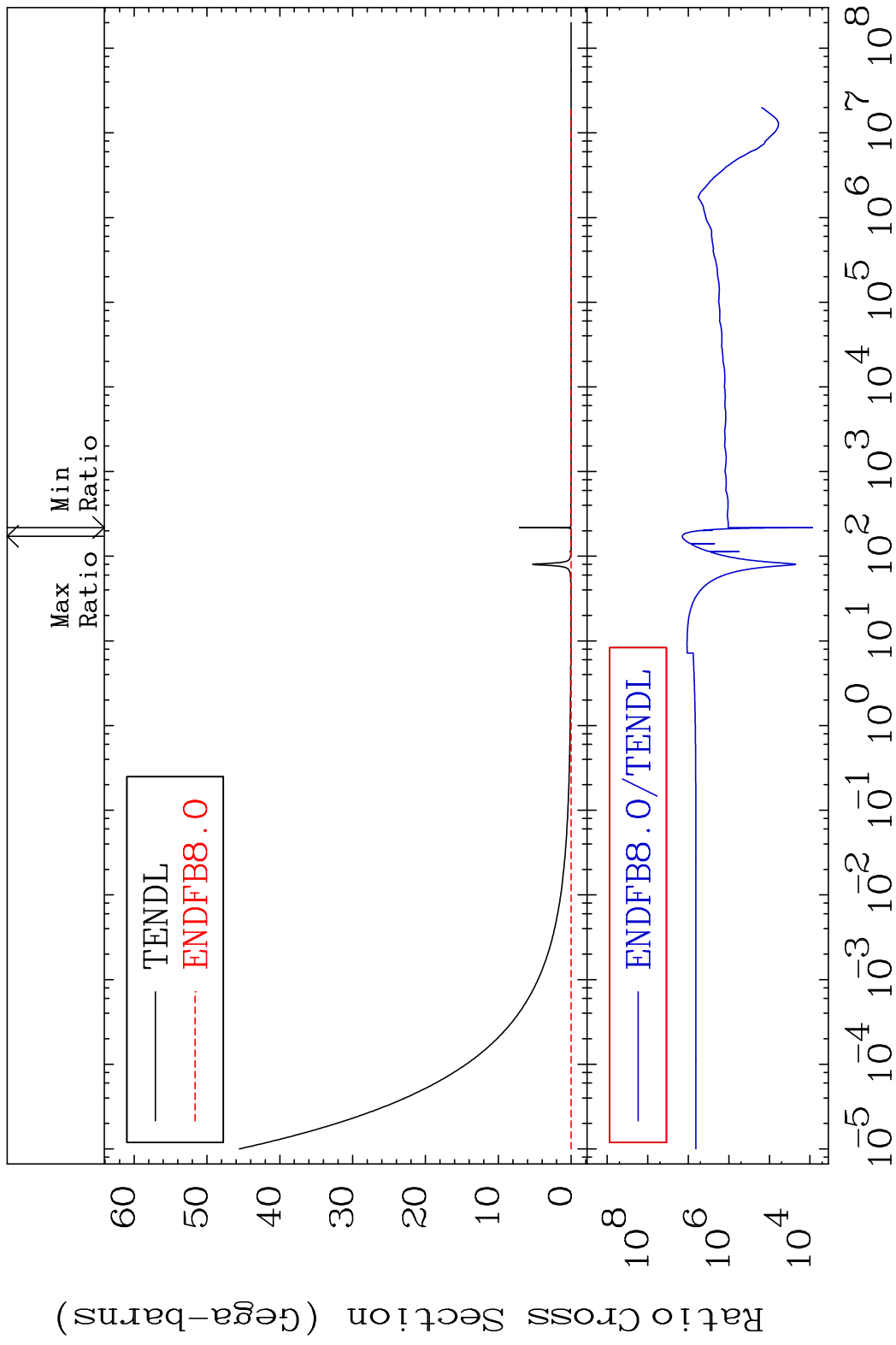


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Incident Energy (eV) 52-Te-129m

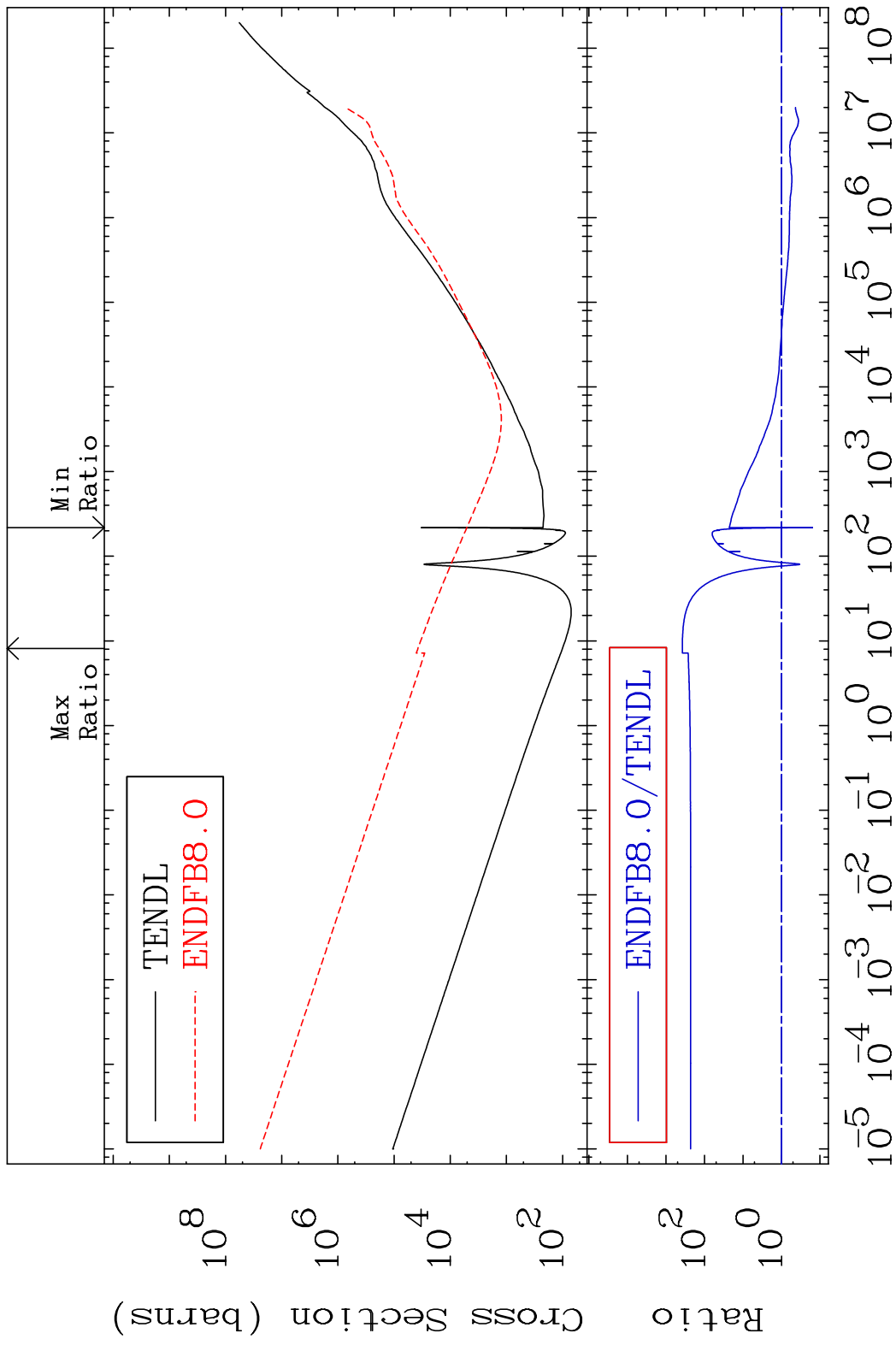


MAT 5253 Total photon (eV-barns) 52-Te-129m  
 Cross Section 9999. To 9999. %

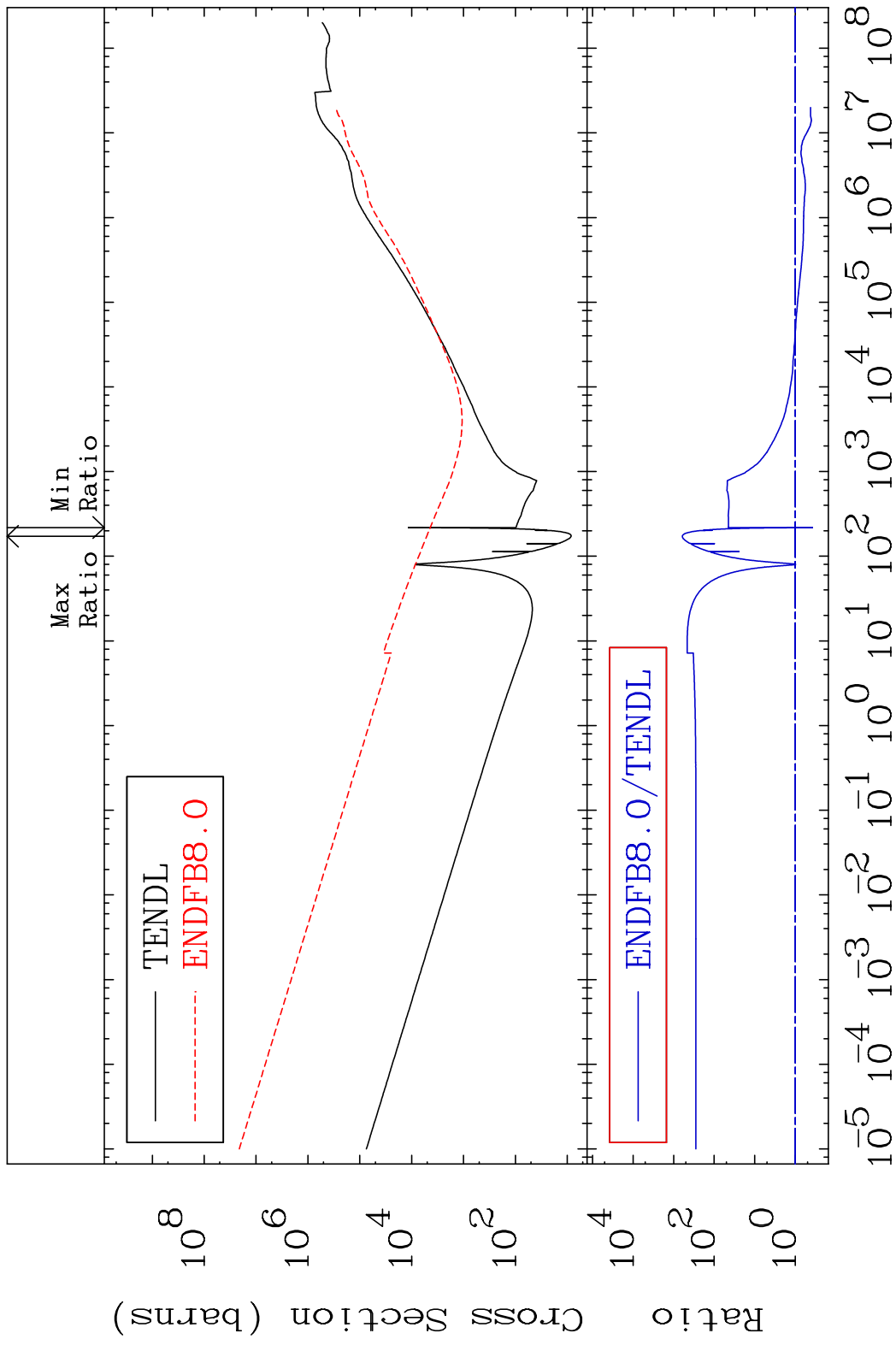


48 Incident Energy (eV) 52-Te-129m

MAT 5253 Total kinematic kerma (high limit)52-Te-129m  
 Cross Section -84.38 To 9999. %



MAT 5253      Dpa total (eV-barns)      52-Te-129m  
 Cross Section      -62.40 To 9999. %



50      Incident Energy (eV)      52-Te-129m

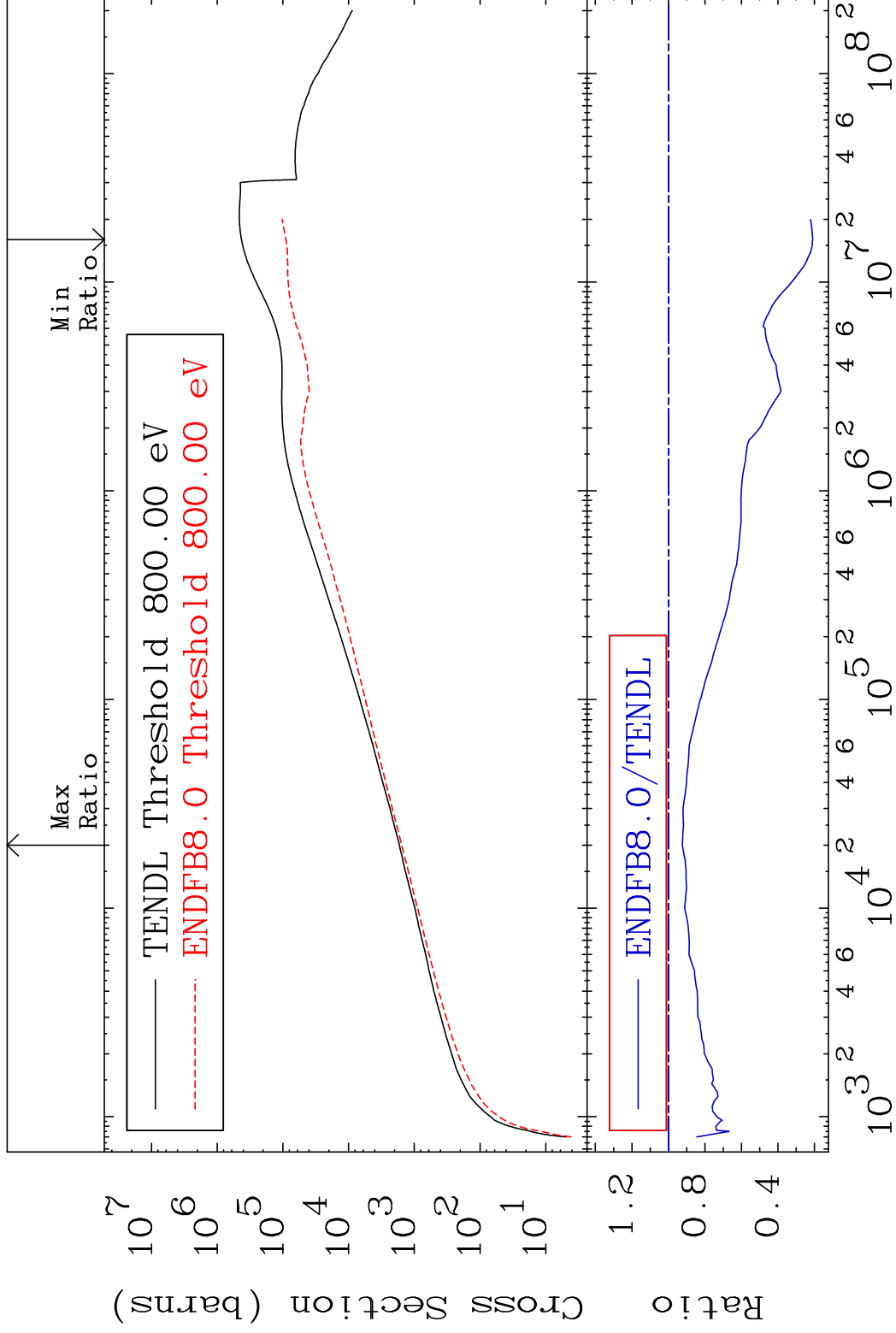
MAT 5253

Dpa elastic (mt2)

52-Te-129m

Cross Section

-78.91 To -7.622%

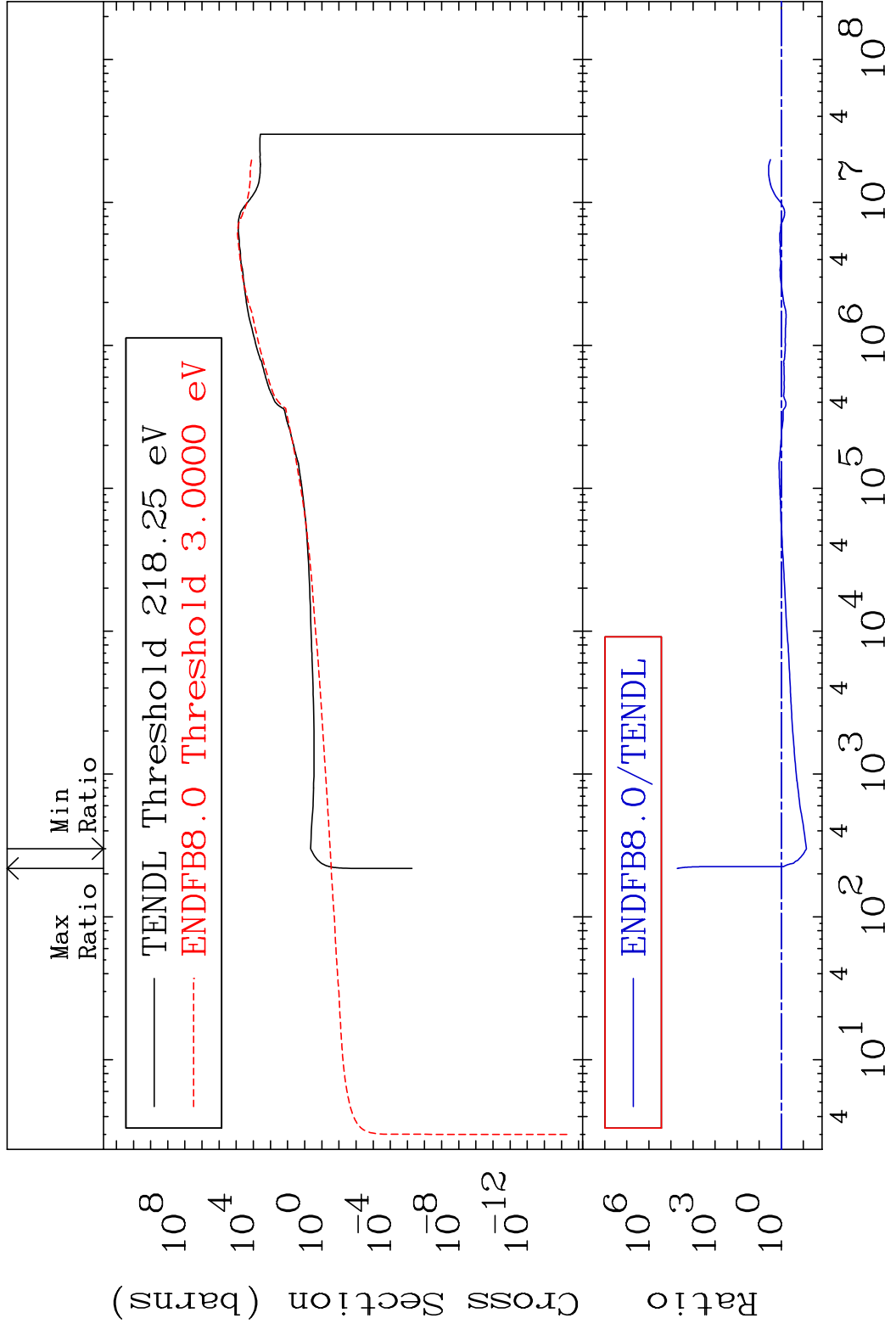


51

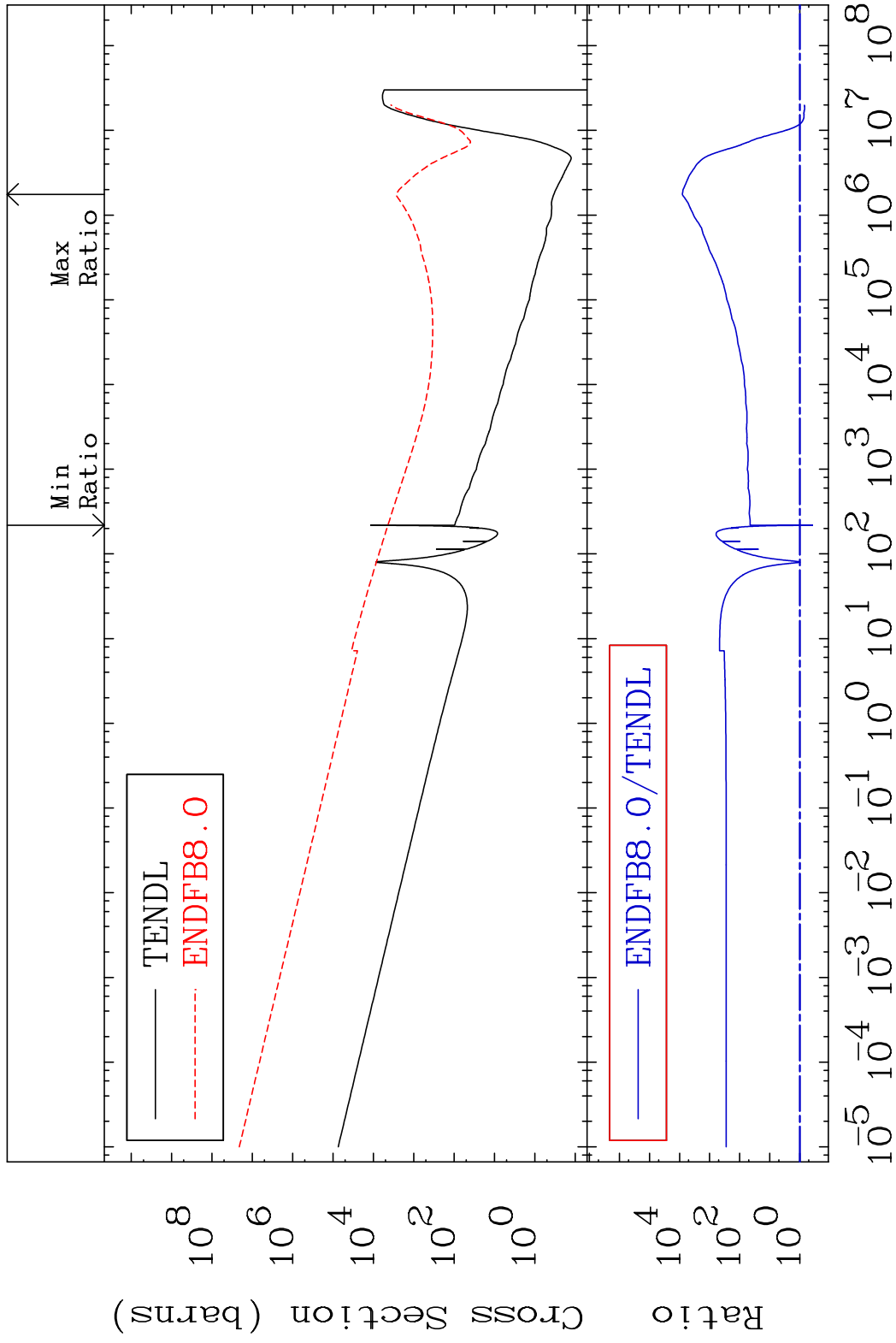
Incident Energy (eV)

52-Te-129m

MAT 5253      Dpa inelastic (mt51-91)      52-Te-129m  
 Cross Section      -92.77 To 9999. %



MAT 5253 Dpa disappearance (mt102 -120) 52-Te-129m  
 Cross Section -62.41 To 9999. %



53 Incident Energy (eV) 52-Te-129m