

Program Complot  
(Version 2015-2)

by

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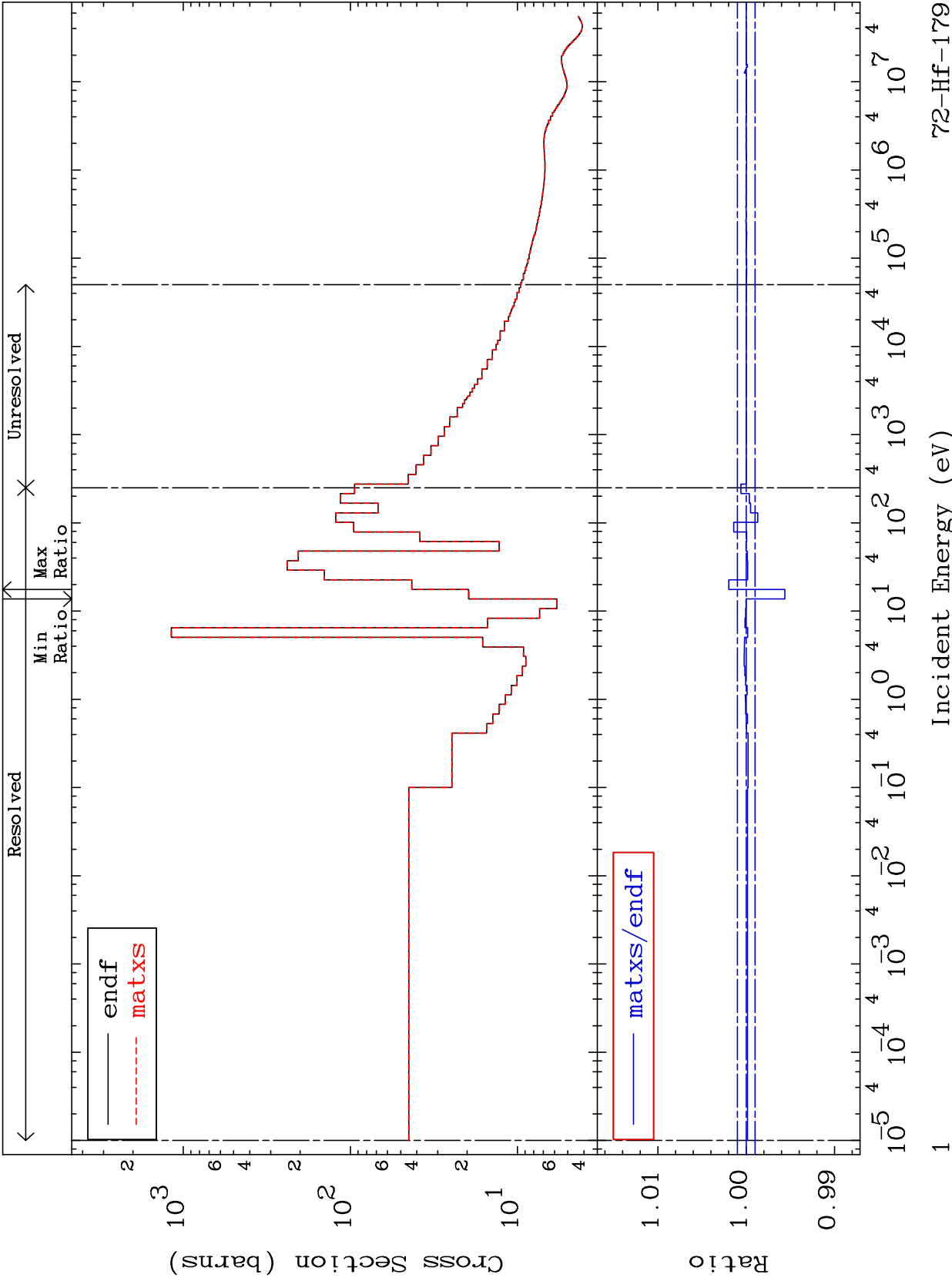
Press Mouse Button to Start

MAT 7240

72-Hf-179

-0.436 To 0.197 %

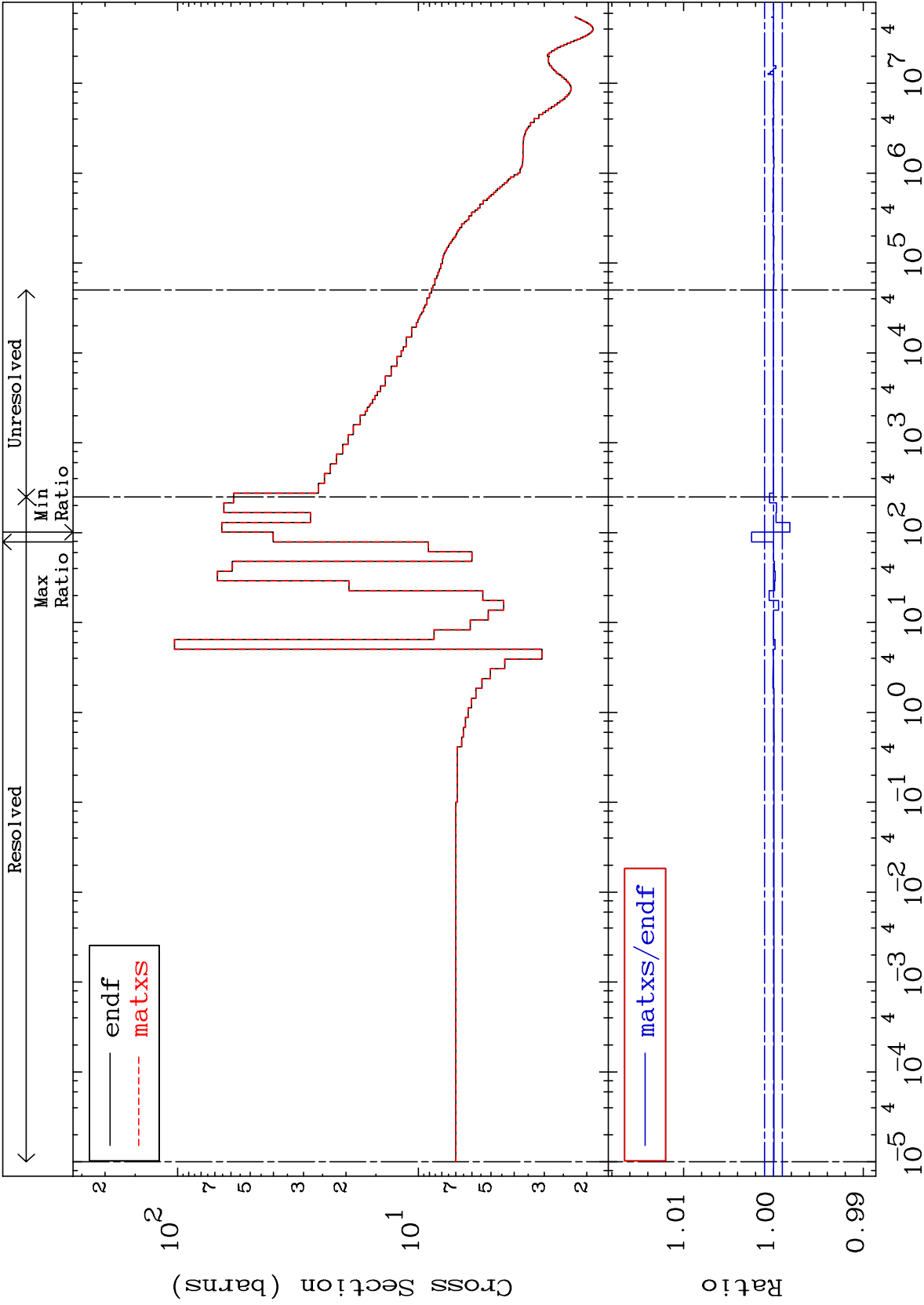
Total  
Cross Section



MAT 7240

Elastic  
Cross Section

72-Hf-179  
-0.183 To 0.243 %



2

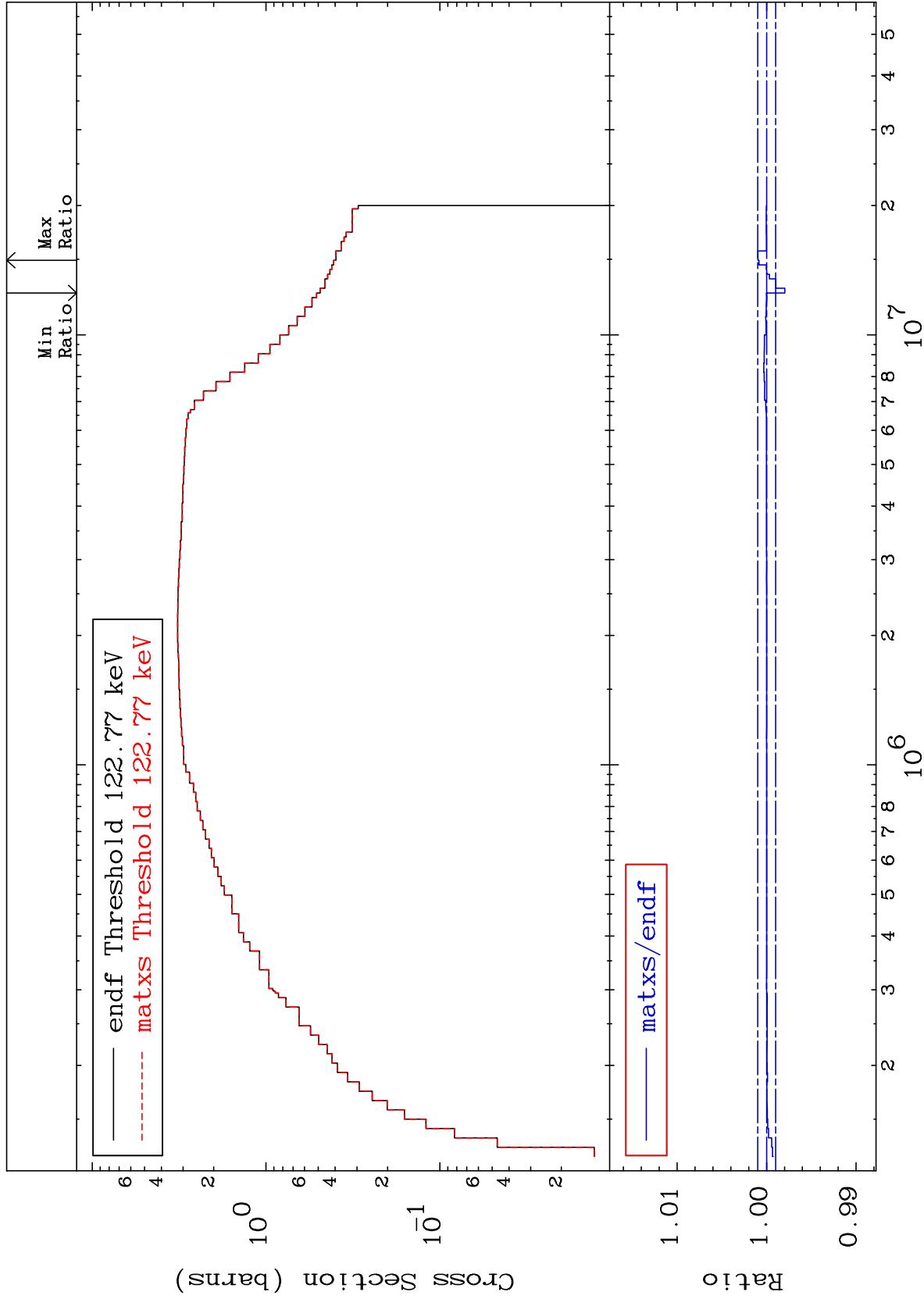
Incident Energy (eV)

72-Hf-179

MAT 7240

Inelastic  
Cross Section

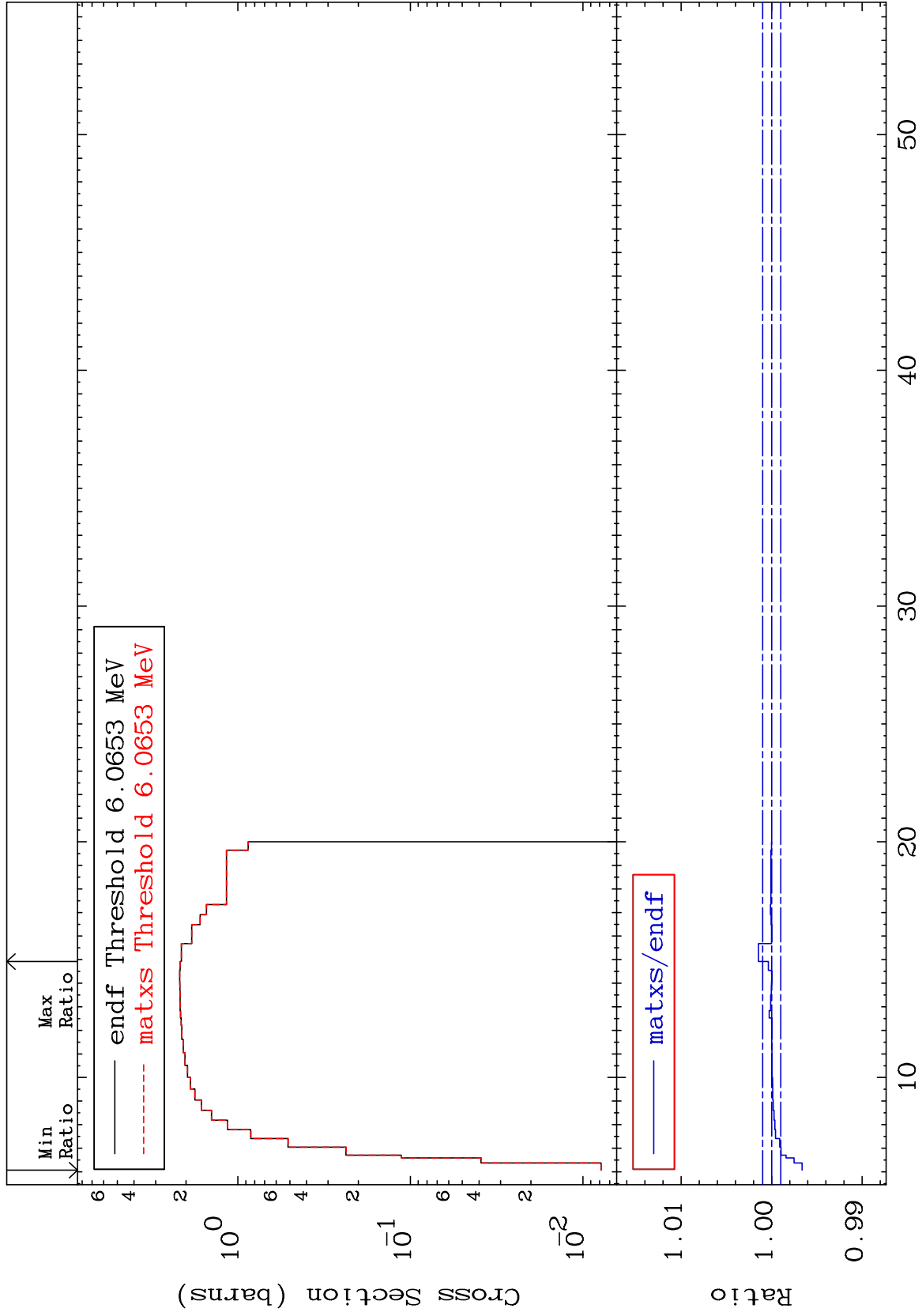
<sup>72</sup>Hf-179  
-0.203 To 0.096 %



MAT 7240

(n, 2n)  
Cross Section

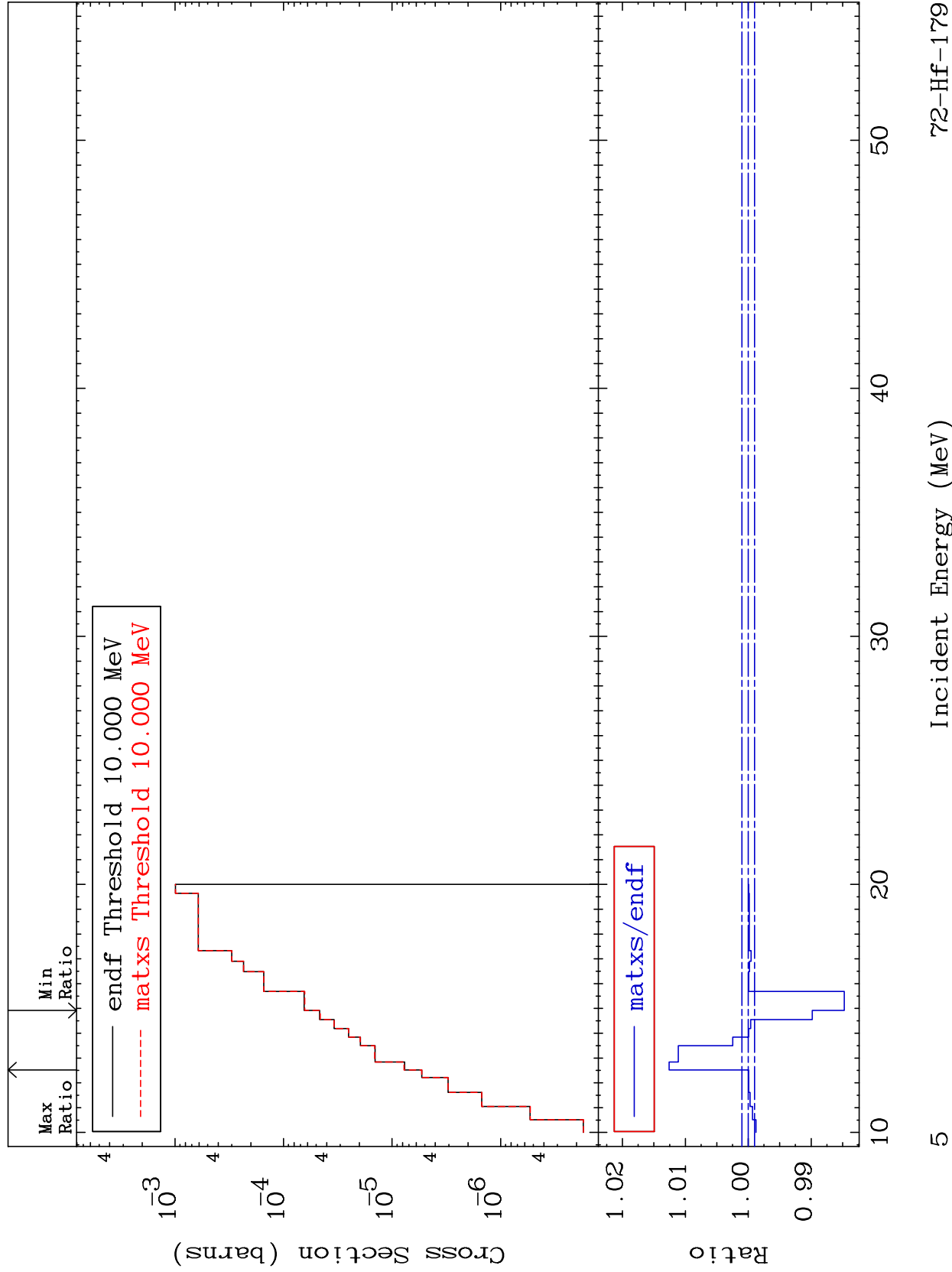
<sup>72</sup>Hf-179  
-0.336 To 0.145 %



MAT 7240

(n, n')  $\alpha$   
Cross Section

72-Hf-179  
-1.527 To 1.257 %



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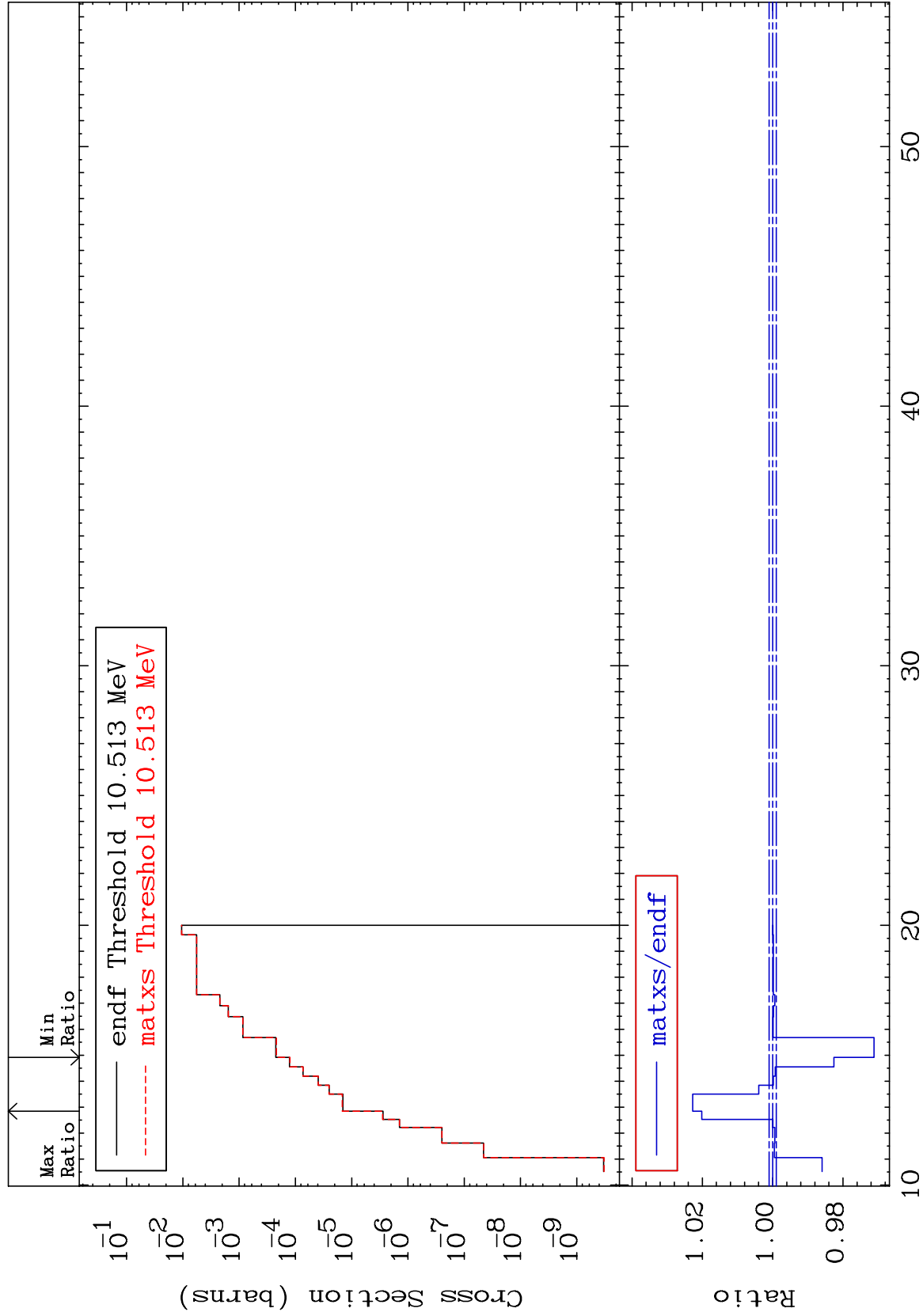
Incident Energy (MeV)

72-Hf-179

MAT 7240

(n, n') p  
Cross Section

72-Hf-179  
-2.883 To 2.274 %



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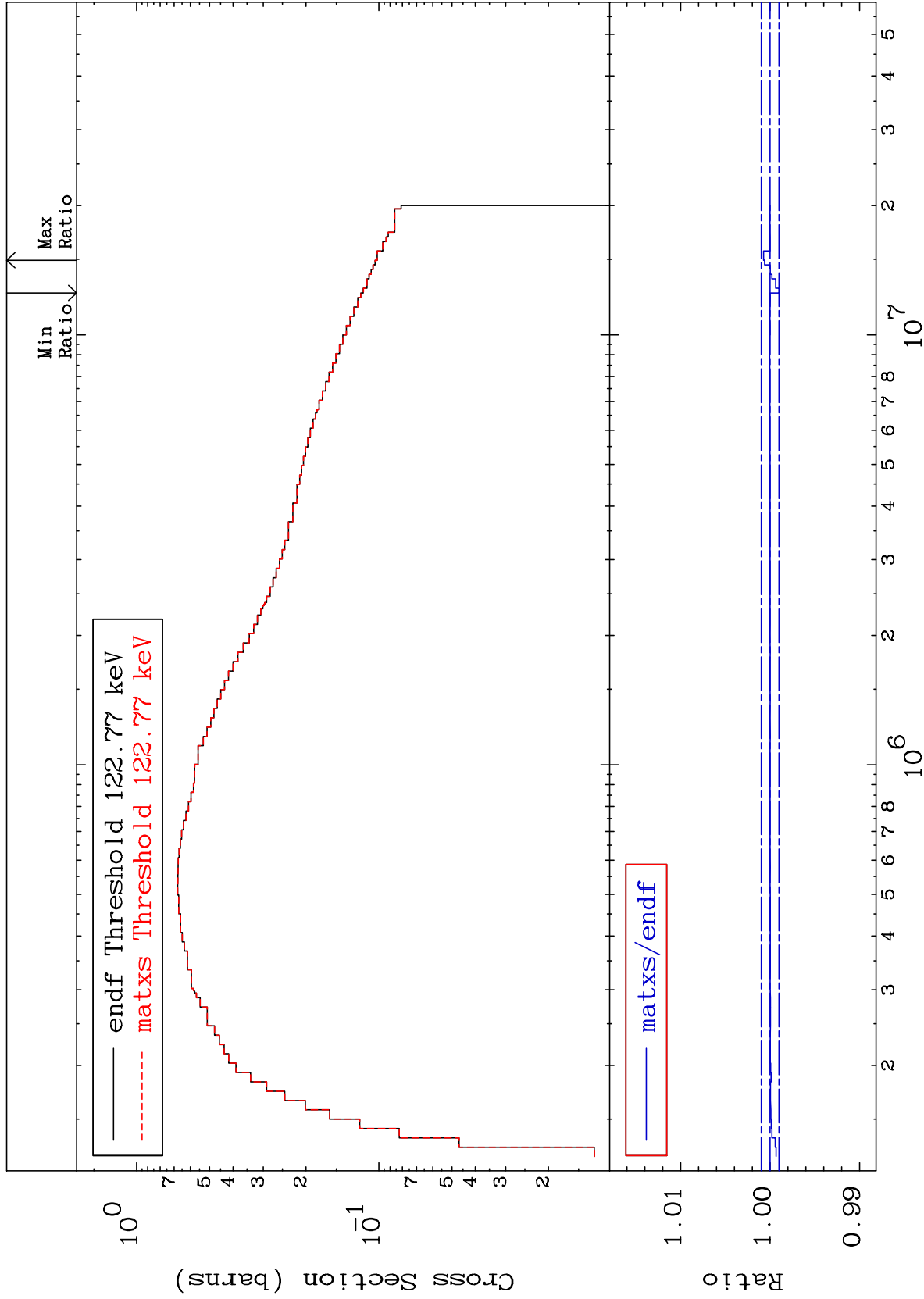
Incident Energy (MeV)

72-Hf-179

MAT 7240

122.8 keV (n,n') Level  
Cross Section

72-Hf-179  
-0.101 To 0.073 %



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Incident Energy (eV)

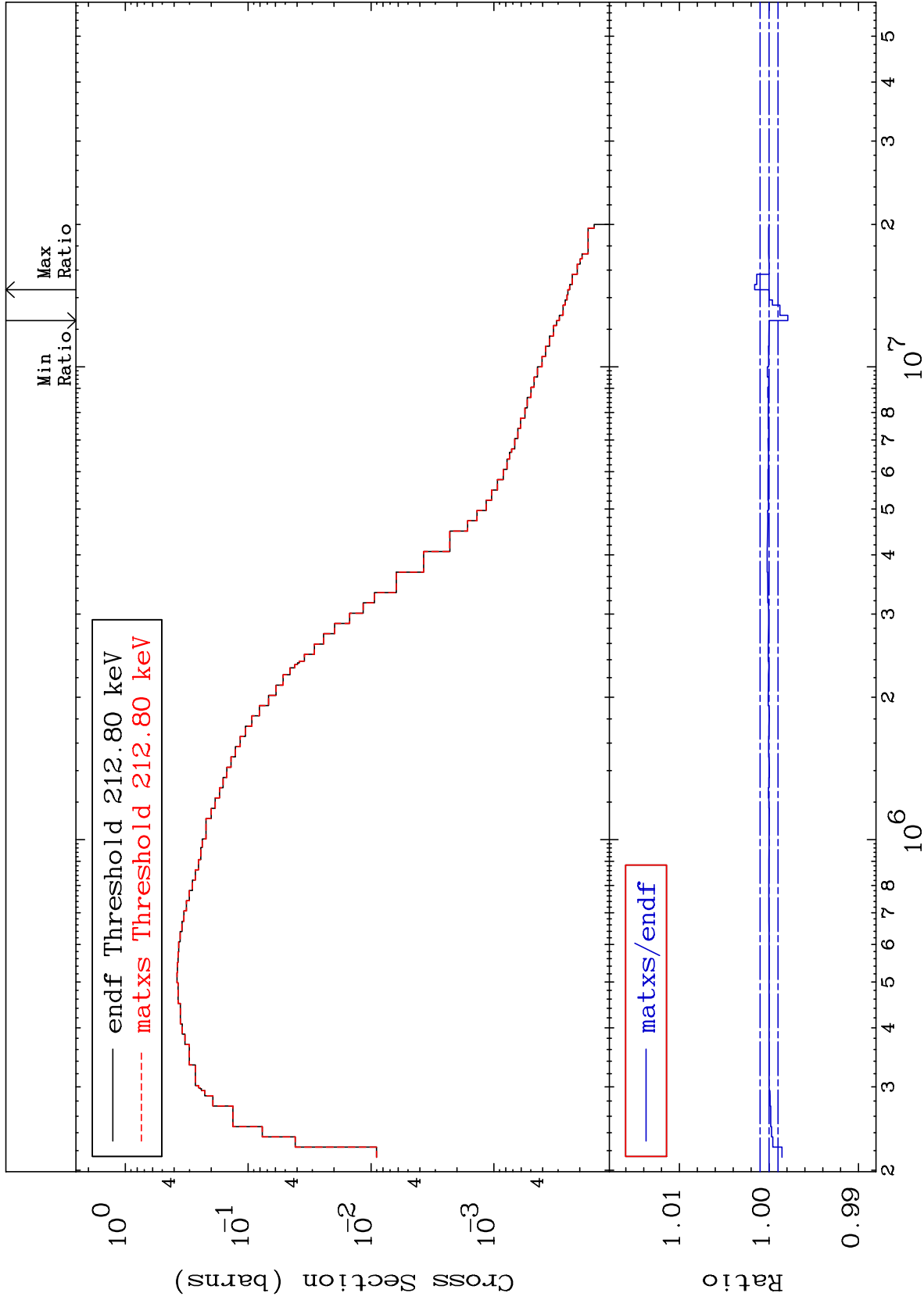
72-Hf-179



MAT 7240

214.3 keV (n,n') Level  
Cross Section

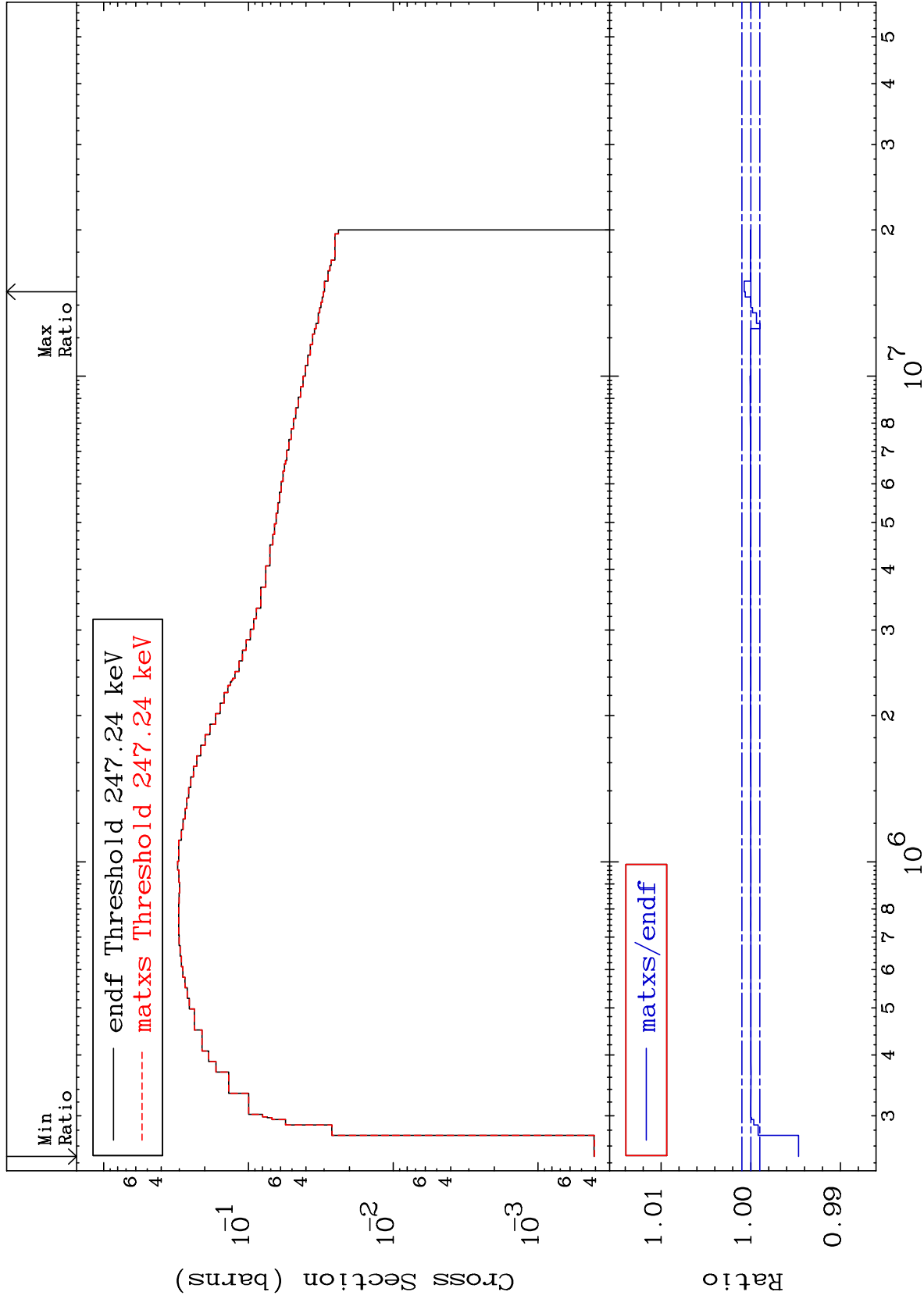
72-Hf-179  
-0.209 To 0.159 %



MAT 7240

268.8 keV (n,n') Level  
Cross Section

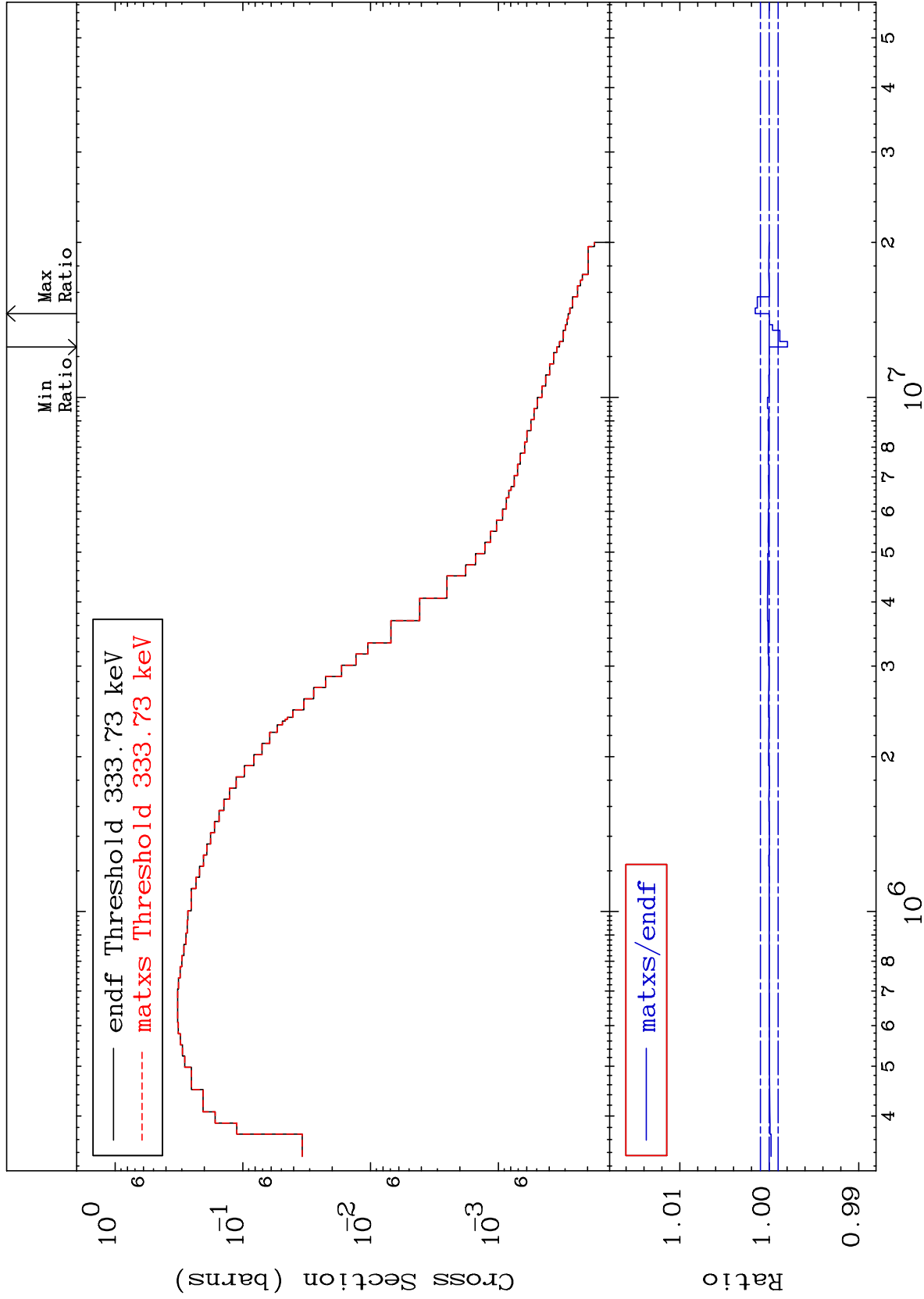
72-Hf-179  
-0.534 To 0.073 %



MAT 7240

337.7 keV (n,n') Level  
Cross Section

72-Hf-179  
-0.203 To 0.156 %



10

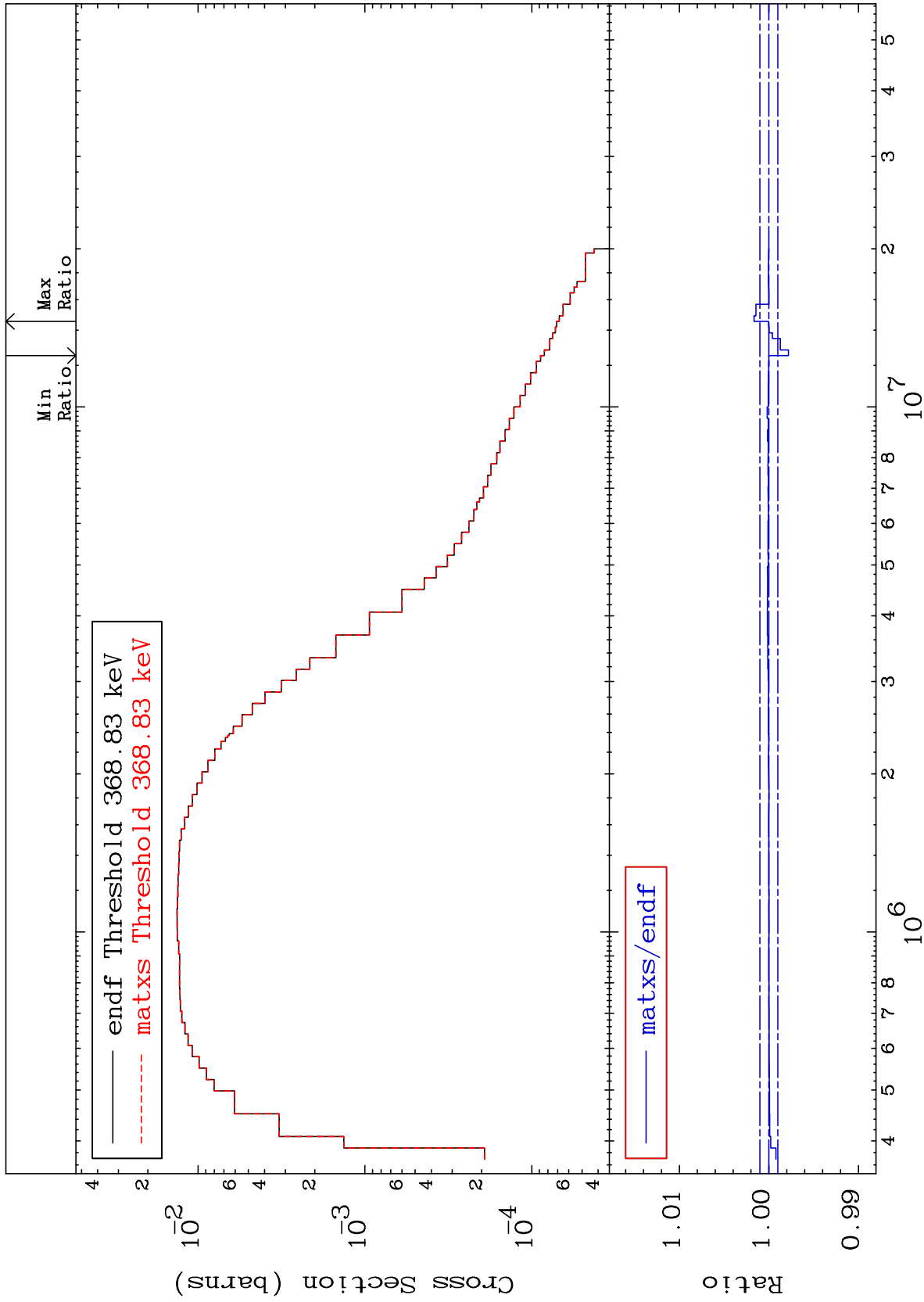
Incident Energy (eV)

72-Hf-179

MAT 7240

375.0 keV (n,n') Level  
Cross Section

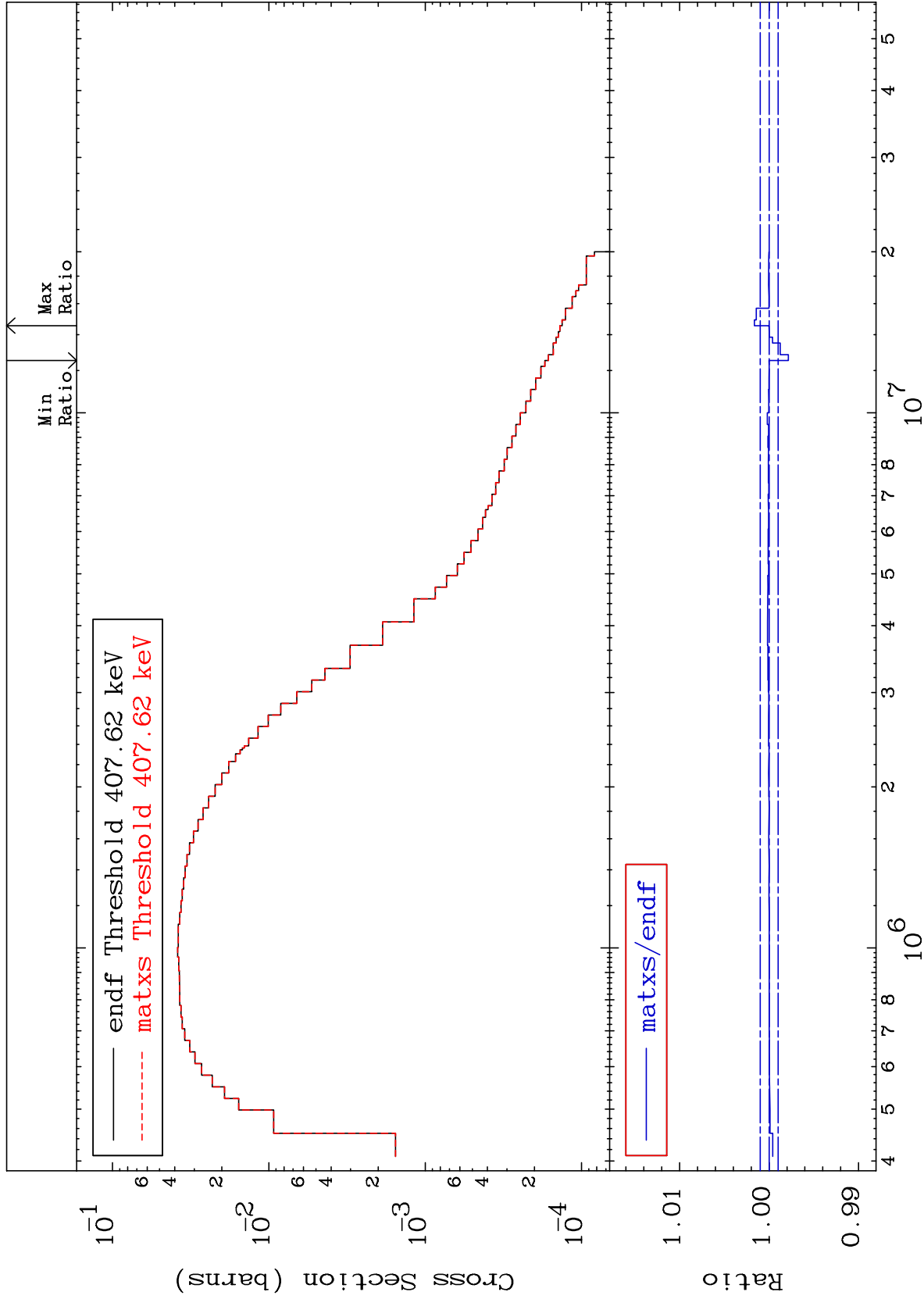
72-Hf-179  
-0.218 To 0.165 %



MAT 7240

420.9 keV (n,n') Level  
Cross Section

72-Hf-179  
-0.215 To 0.163 %



12

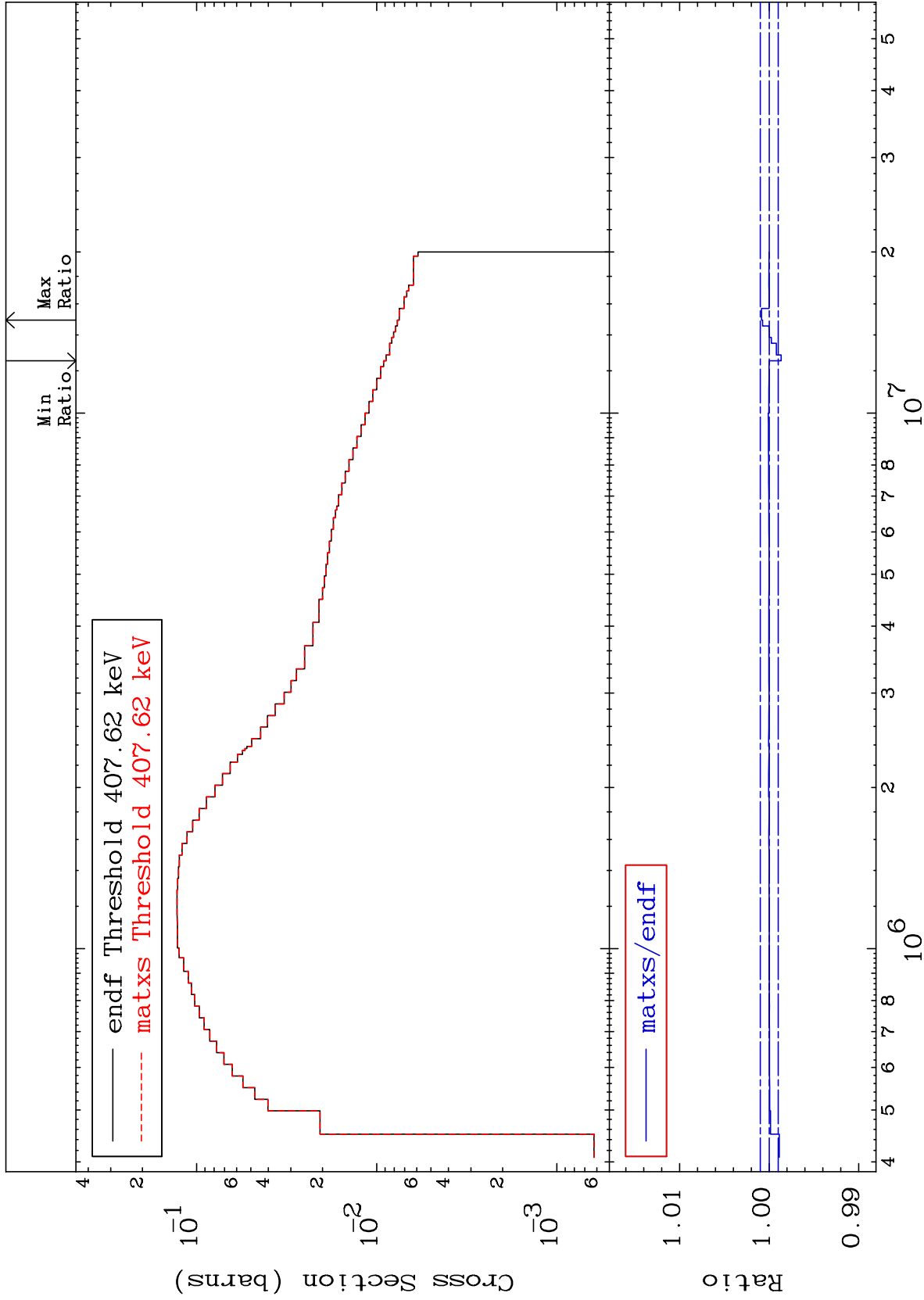
Incident Energy (eV)

72-Hf-179

MAT 7240

438.6 keV (n,n') Level  
Cross Section

72-Hf-179  
-0.133 To 0.086 %



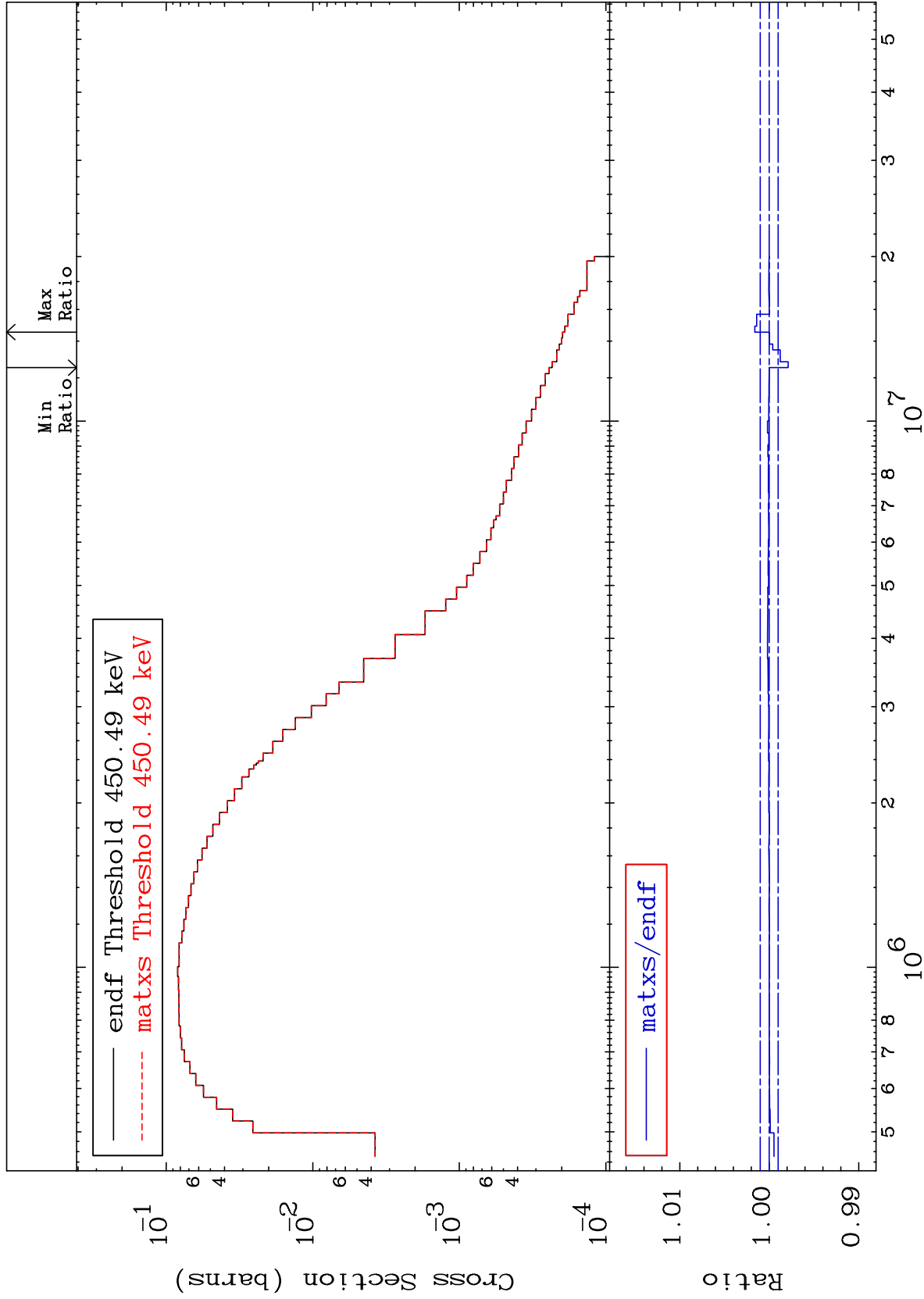
13

72-Hf-179

MAT 7240

476.3 keV (n,n') Level  
Cross Section

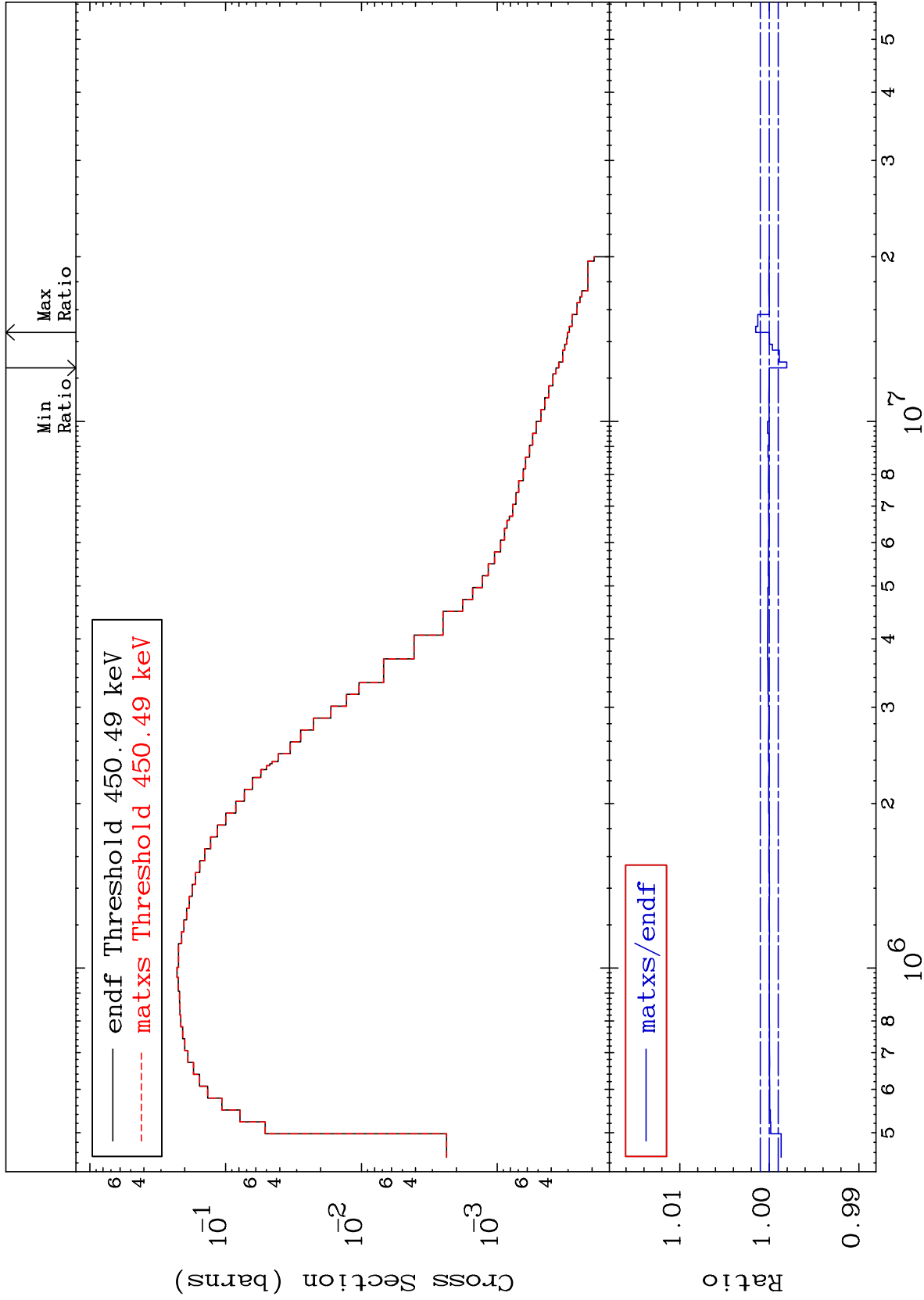
72-Hf-179  
-0.211 To 0.162 %



MAT 7240

487.7 keV (n,n') Level  
Cross Section

72-Hf-179  
-0.195 To 0.151 %



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Incident Energy (eV)

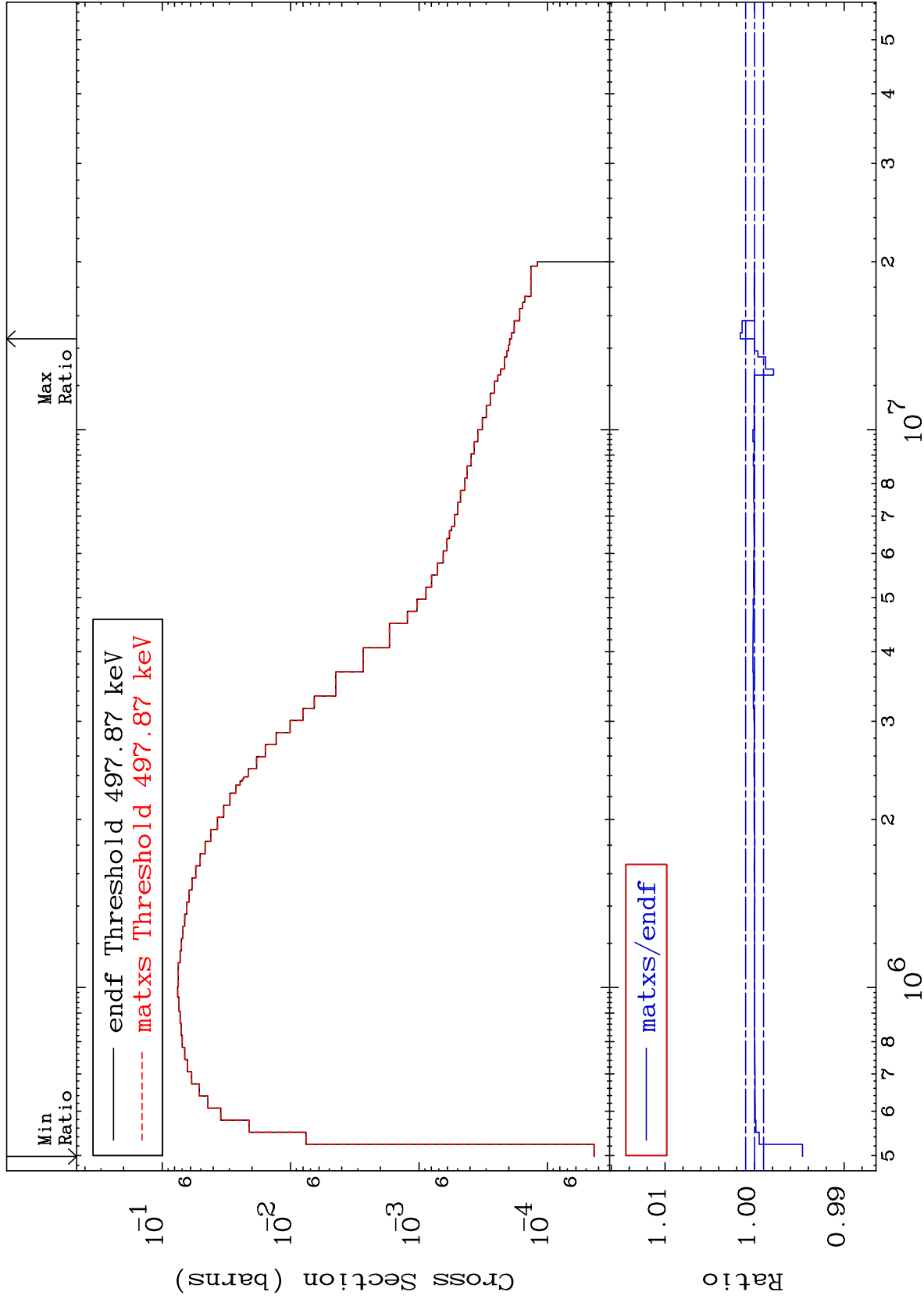
72-Hf-179



MAT 7240

518.3 keV (n,n') Level  
Cross Section

72-Hf-179  
-0.536 To 0.161 %



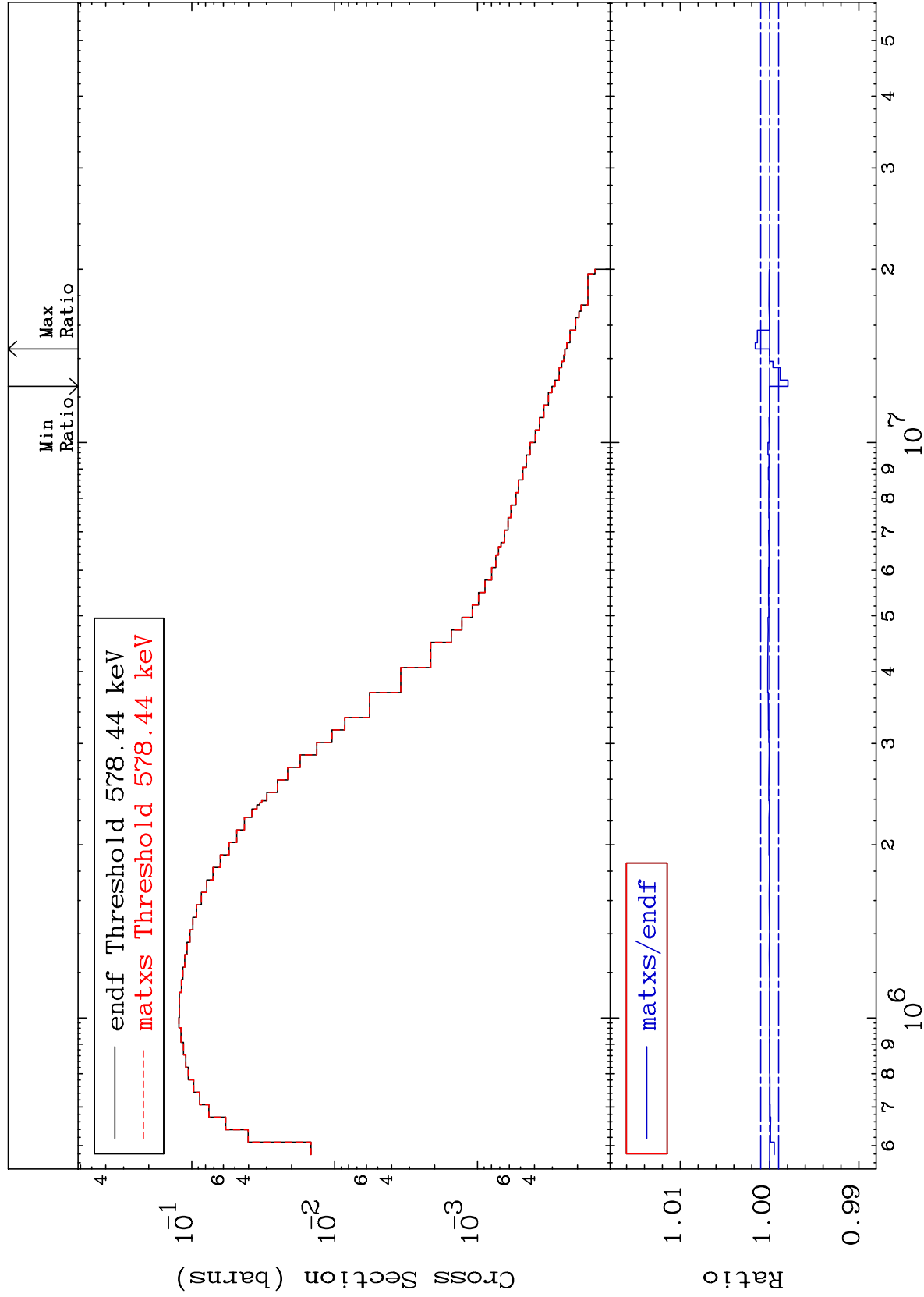
16

72-Hf-179

MAT 7240

582.2 keV (n,n') Level  
Cross Section

72-Hf-179  
-0.205 To 0.159 %



17

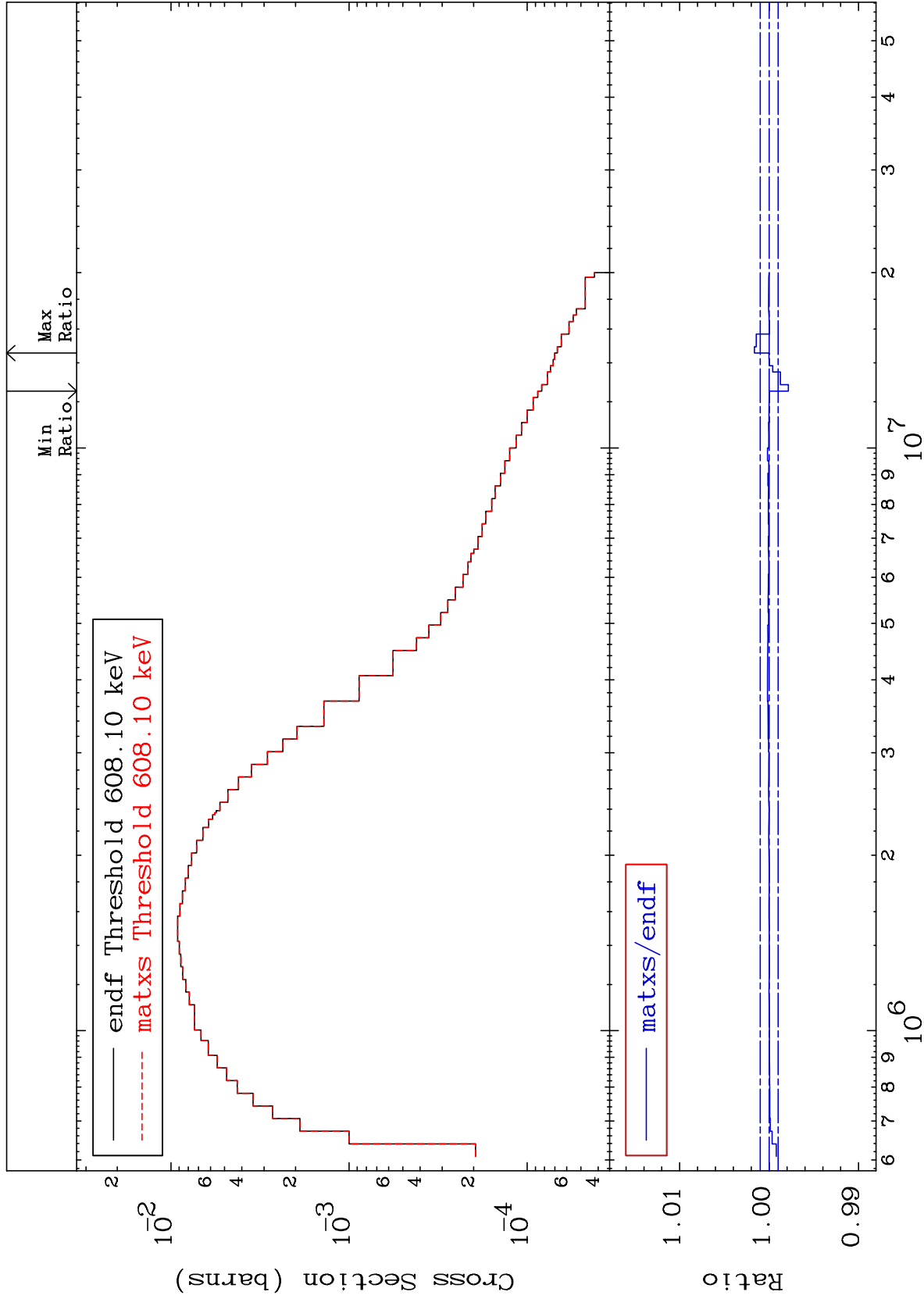
Incident Energy (eV)

72-Hf-179

MAT 7240

614.2 keV (n,n') Level  
Cross Section

72-Hf-179  
-0.215 To 0.165 %



18

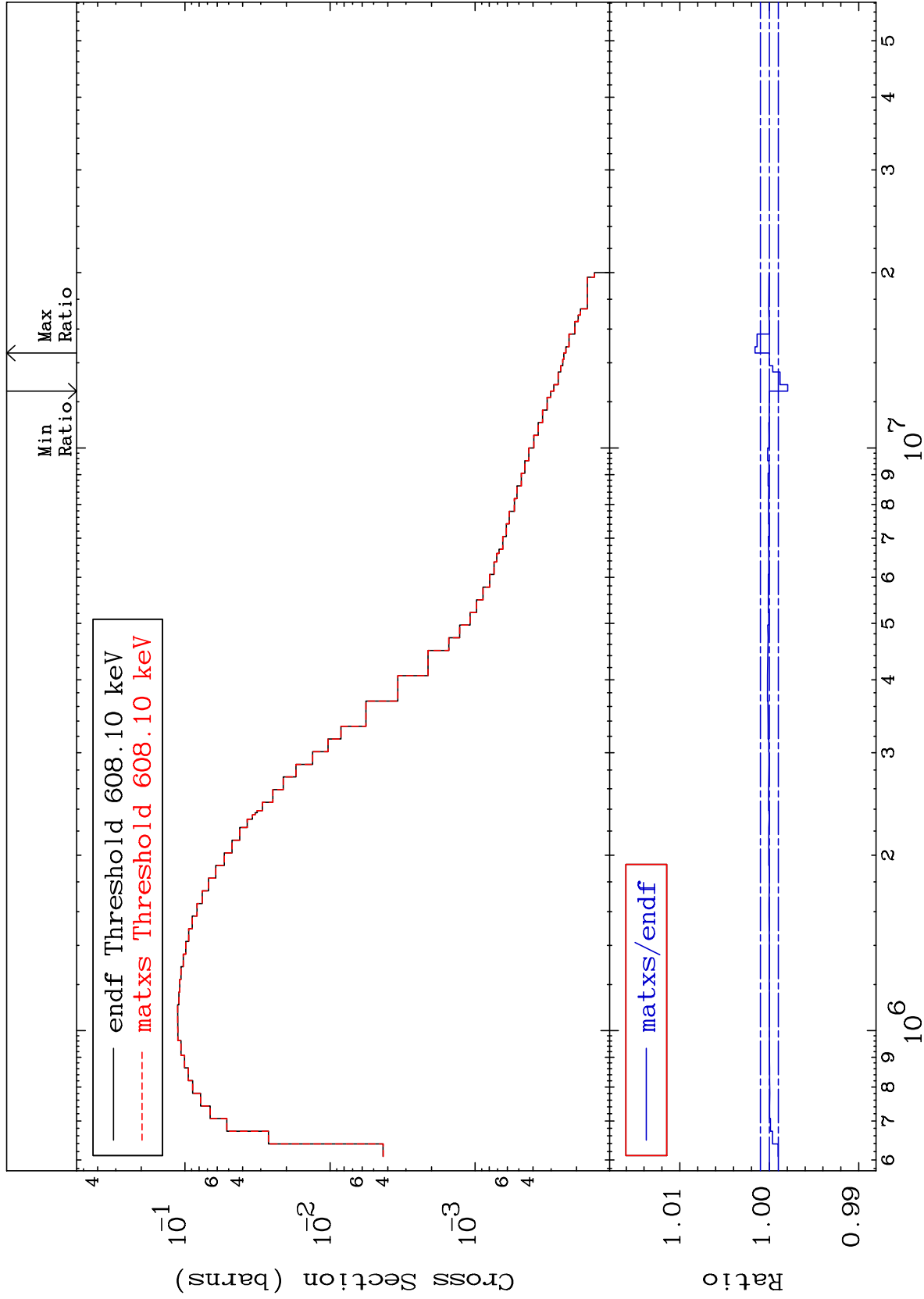
Incident Energy (eV)

72-Hf-179

MAT 7240

616.8 keV (n,n') Level  
Cross Section

72-Hf-179  
-0.205 To 0.159 %



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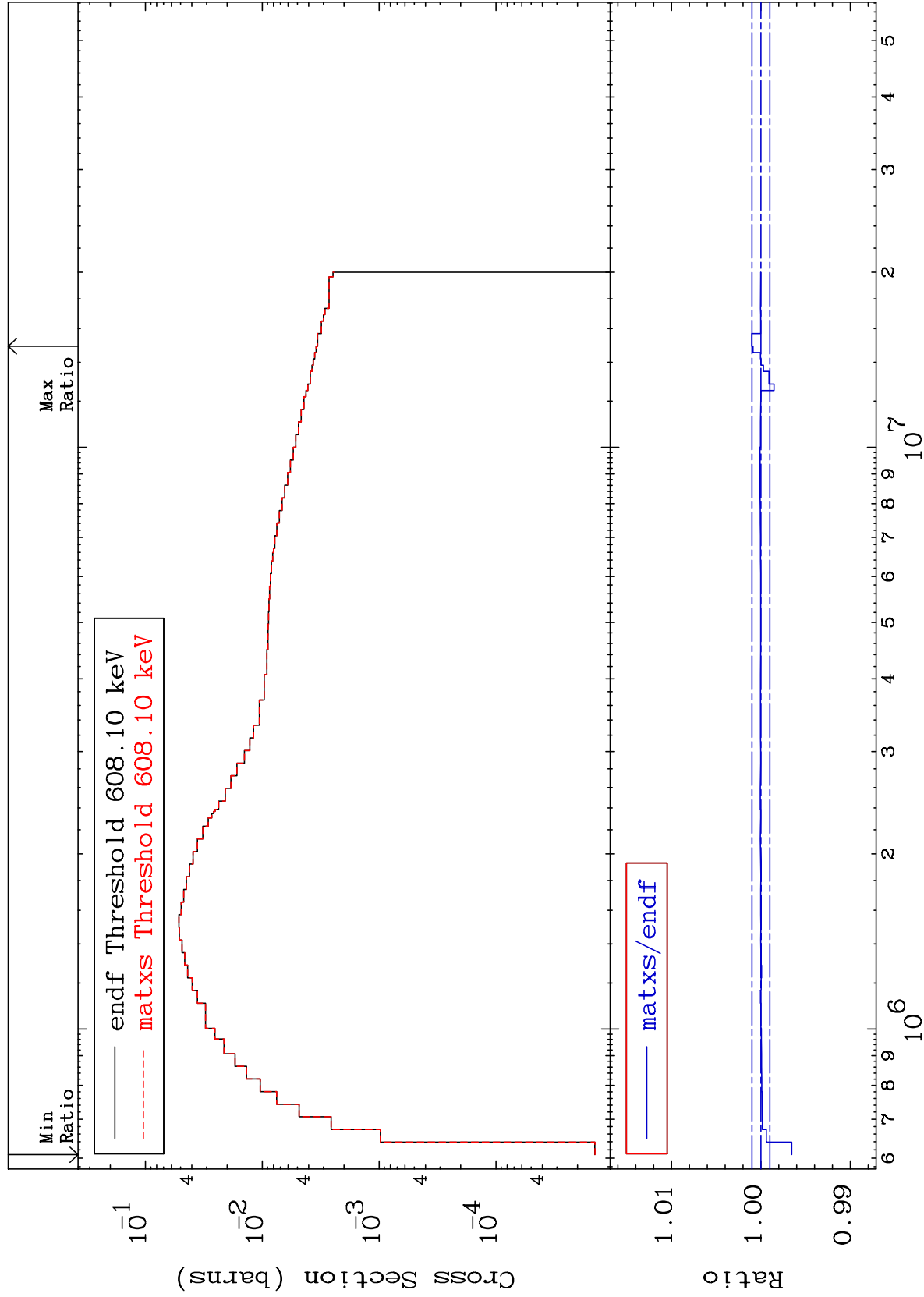
Incident Energy (eV)

72-Hf-179

MAT 7240

631.3 keV (n,n') Level  
Cross Section

<sup>72</sup>Hf-179  
-0.344 To 0.103 %



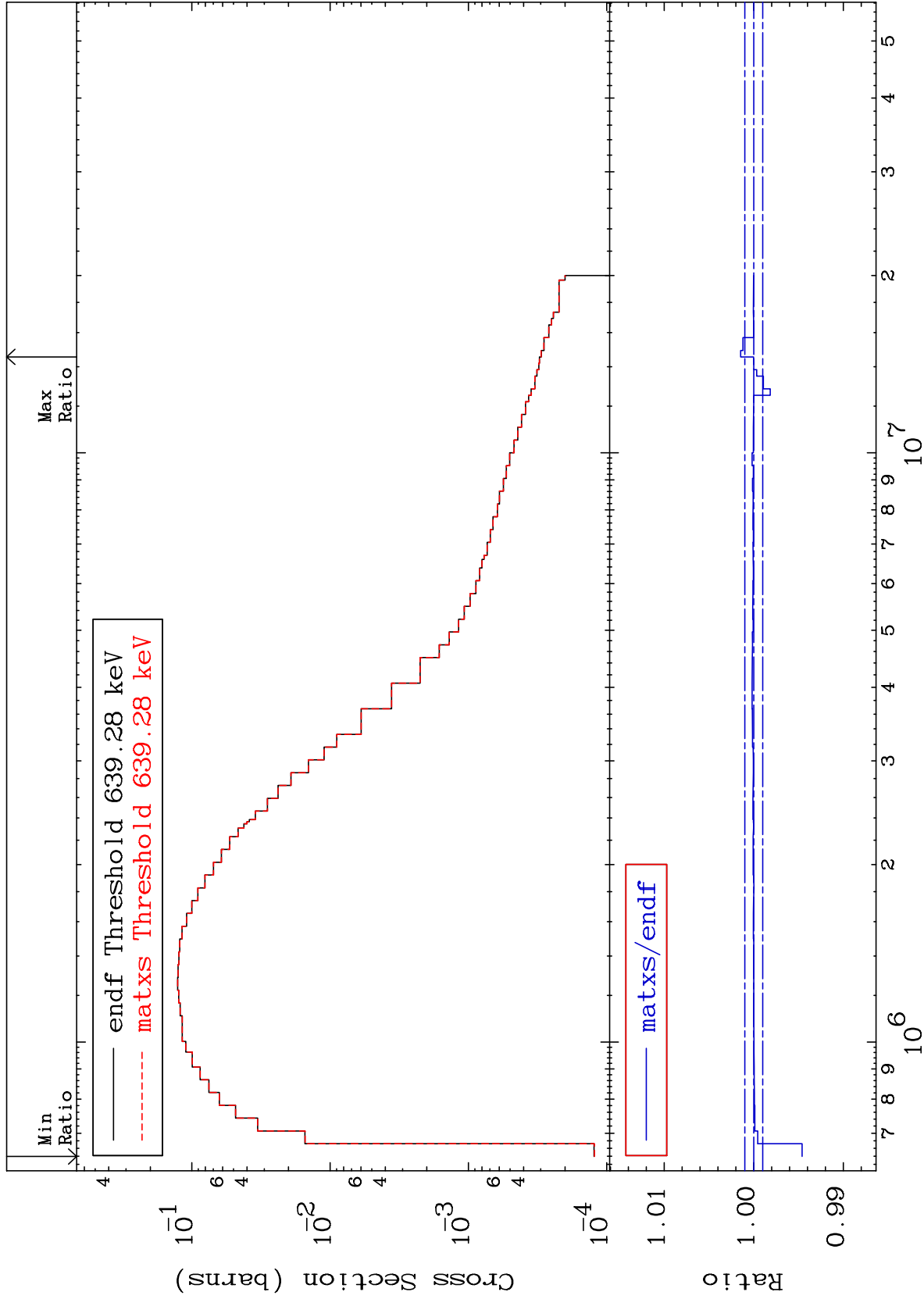
20

<sup>72</sup>Hf-179

MAT 7240

665.0 keV (n,n') Level  
Cross Section

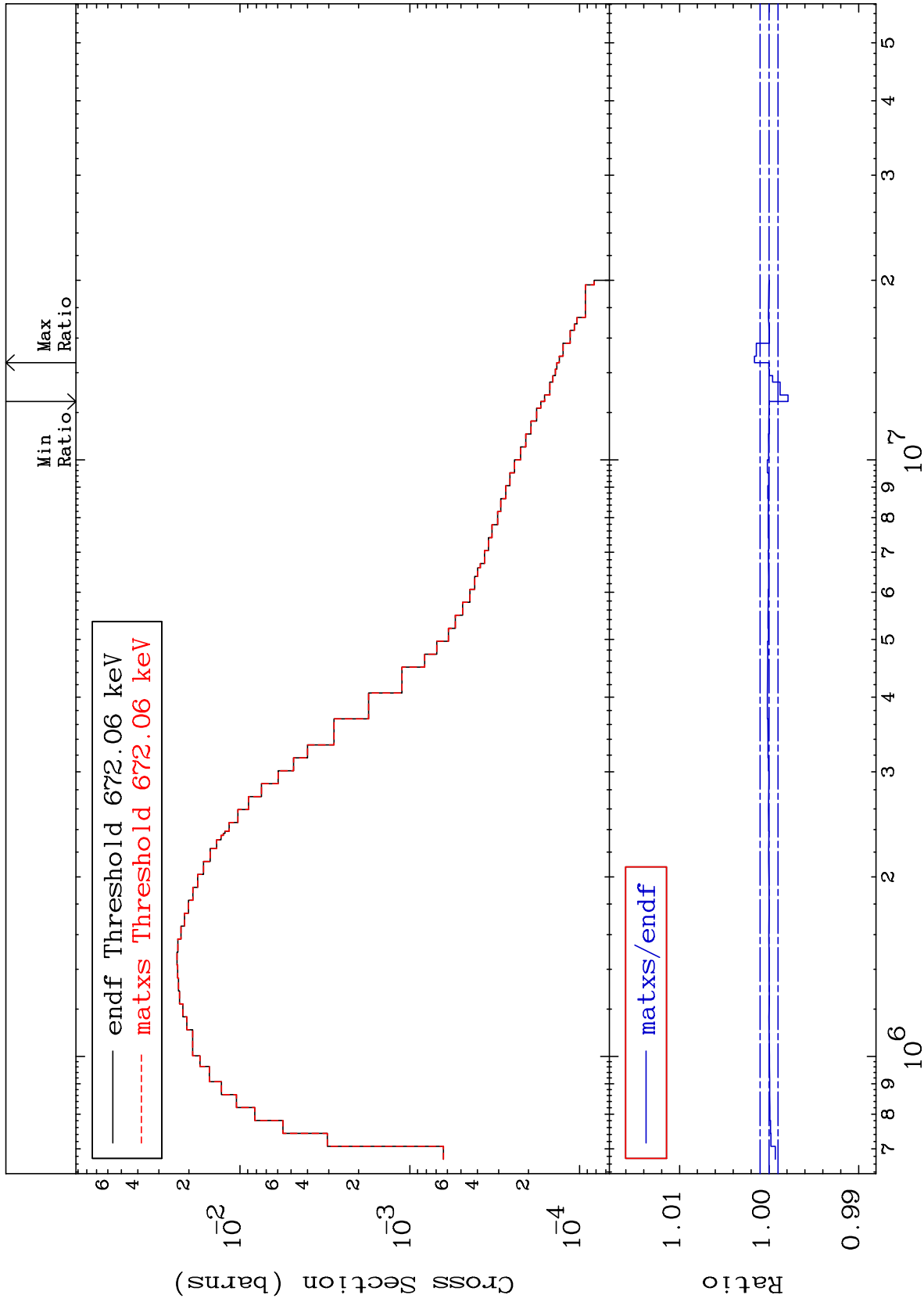
72-Hf-179  
-0.539 To 0.145 %



MAT 7240

679.5 keV (n,n') Level  
Cross Section

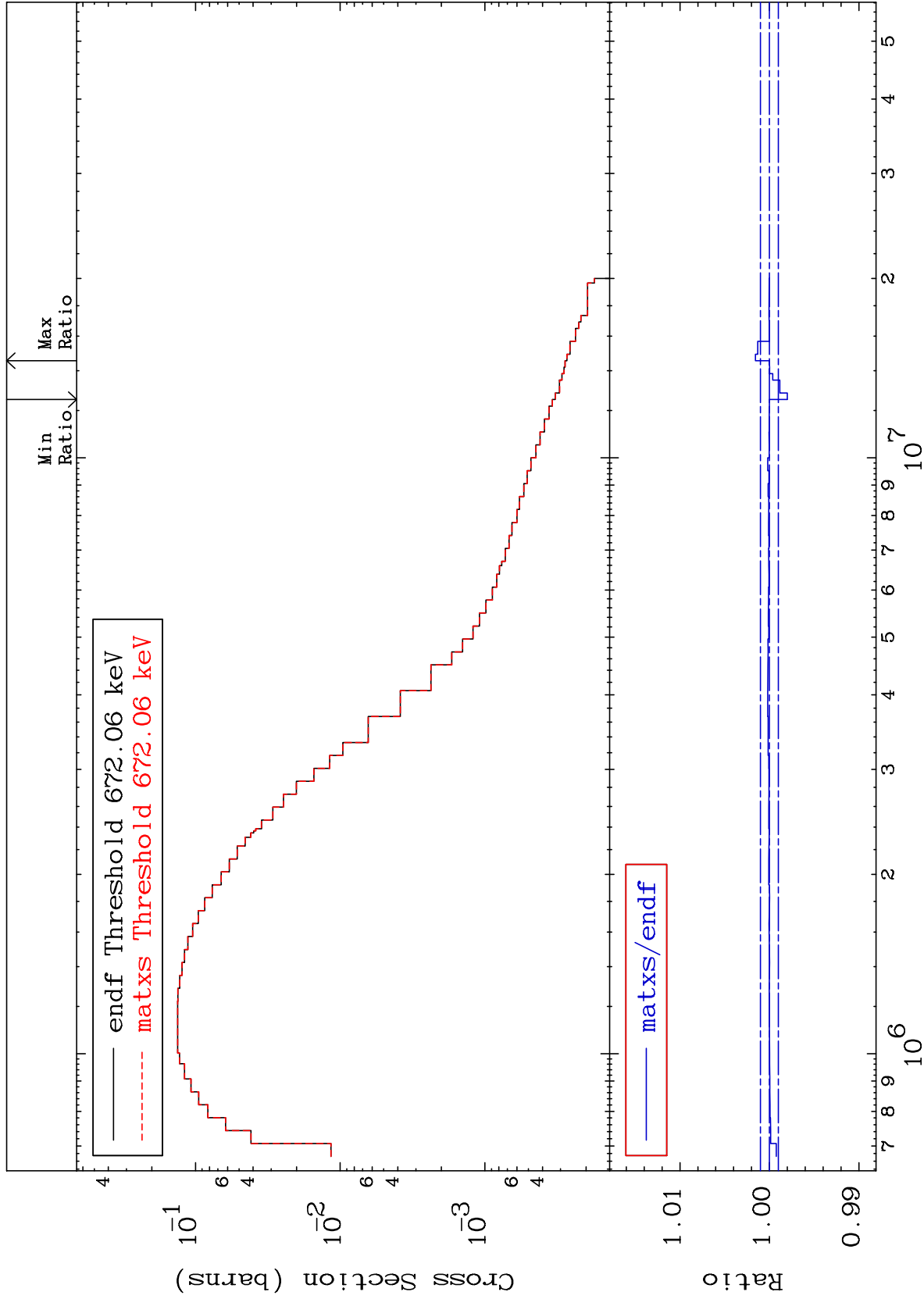
<sup>72</sup>Hf-179  
-0.213 To 0.164 %



MAT 7240

681.0 keV (n,n') Level  
Cross Section

<sup>72</sup>Hf-179  
-0.199 To 0.155 %

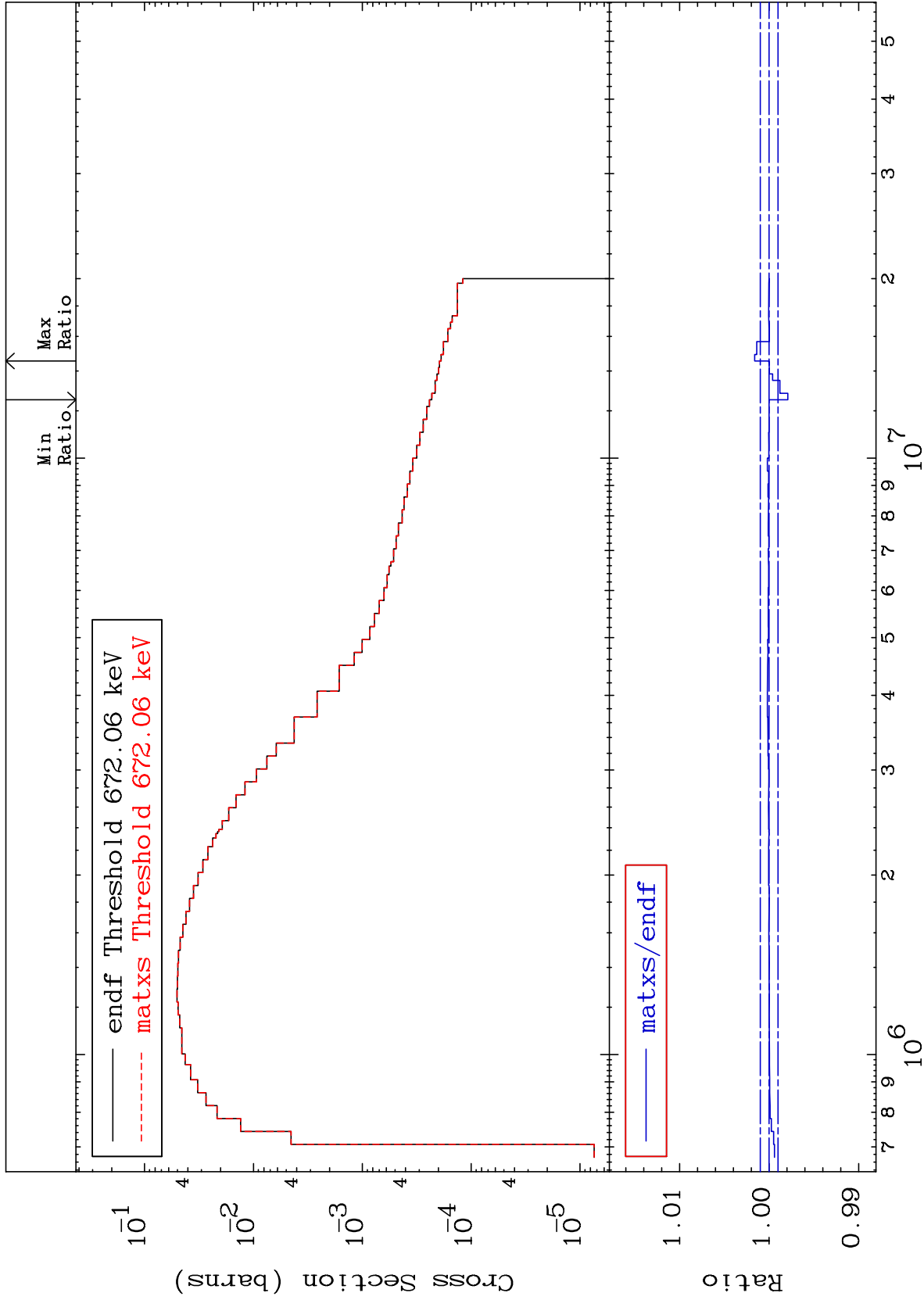




MAT 7240

701.1 keV (n,n') Level  
Cross Section

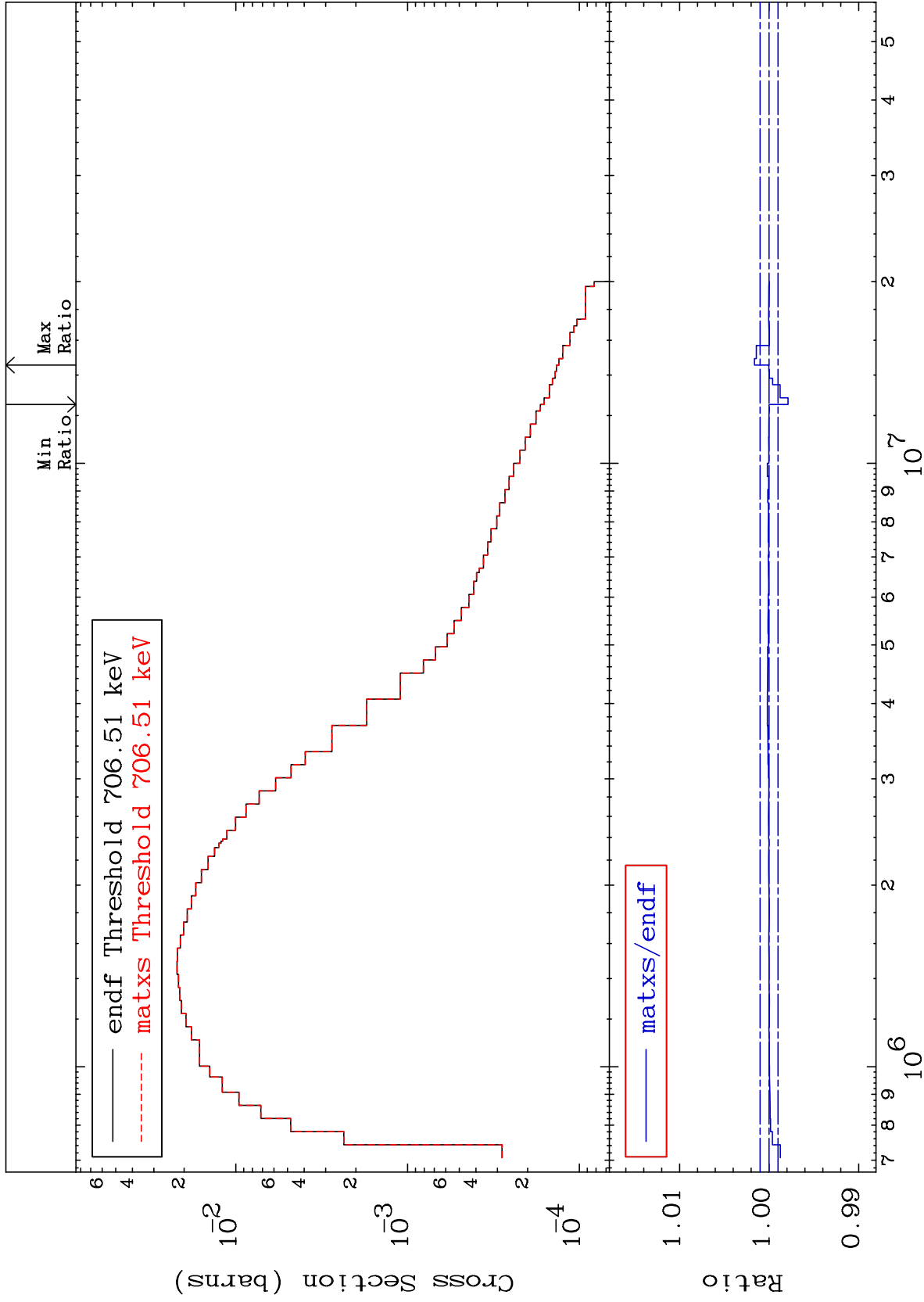
72-Hf-179  
-0.208 To 0.161 %



MAT 7240

720.6 keV (n,n') Level  
Cross Section

72-Hf-179  
-0.211 To 0.162 %



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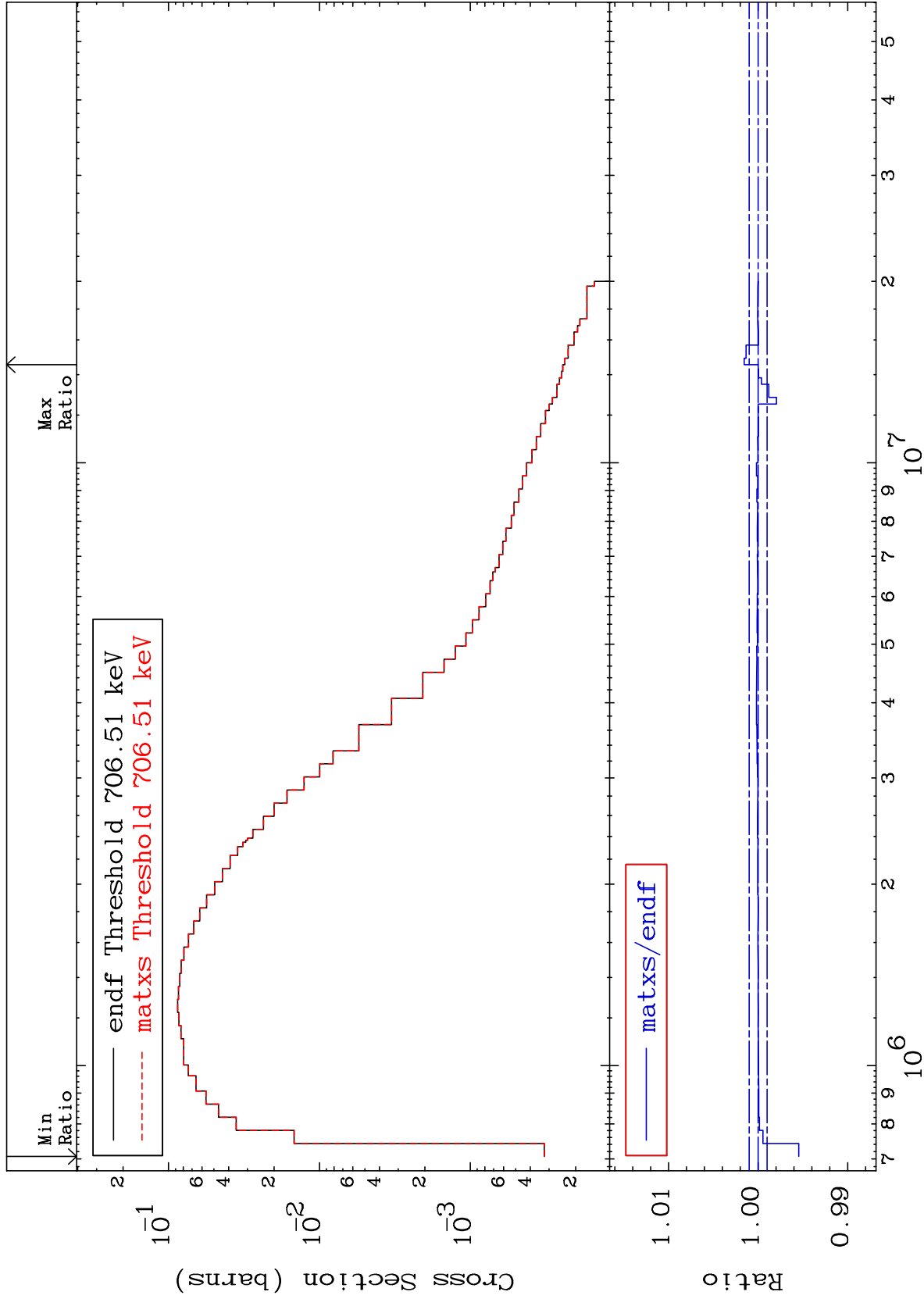
Incident Energy (eV)

72-Hf-179

MAT 7240

732.2 keV (n,n') Level  
Cross Section

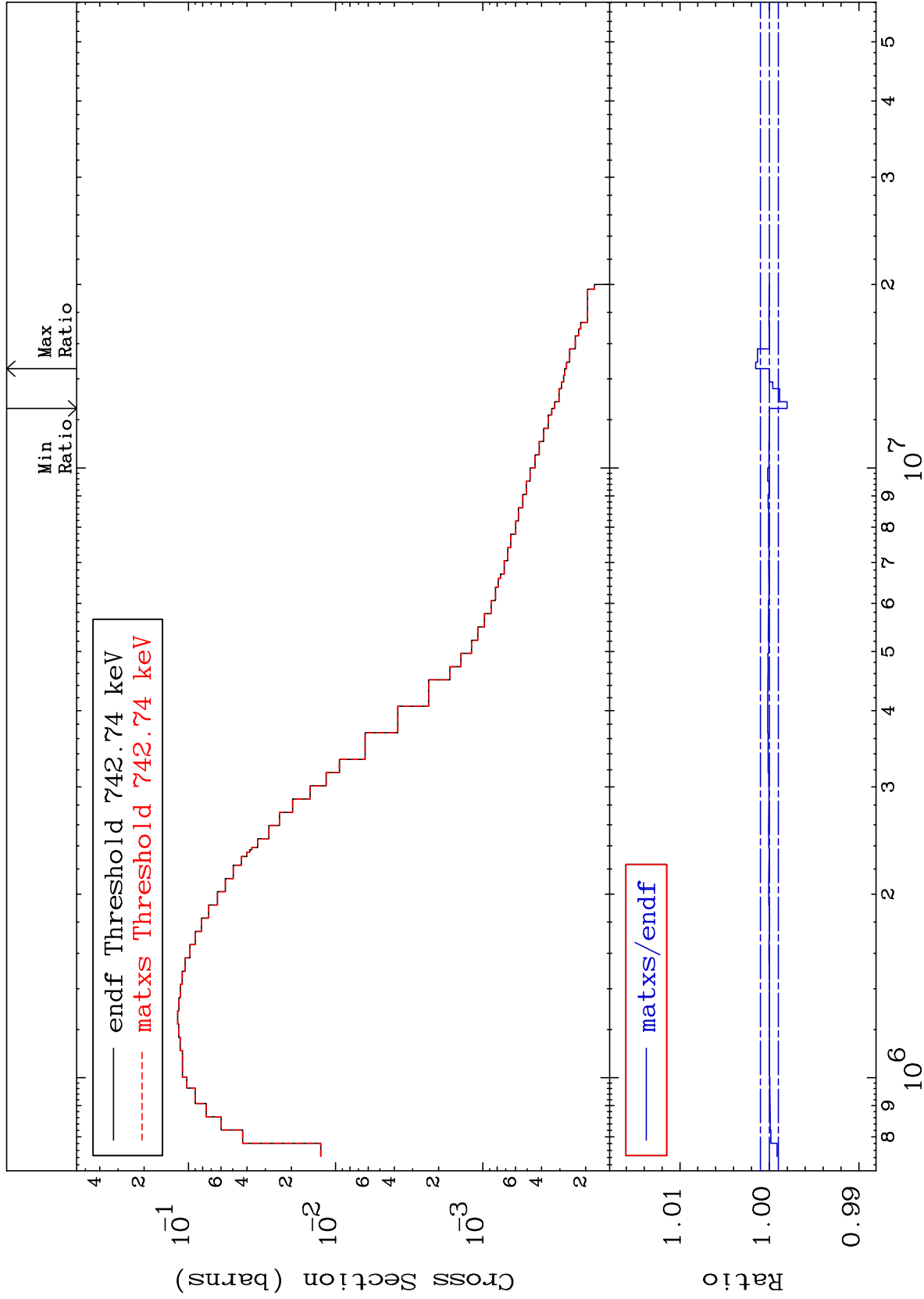
72-Hf-179  
-0.452 To 0.158 %



MAT 7240

742.7 keV (n,n') Level  
Cross Section

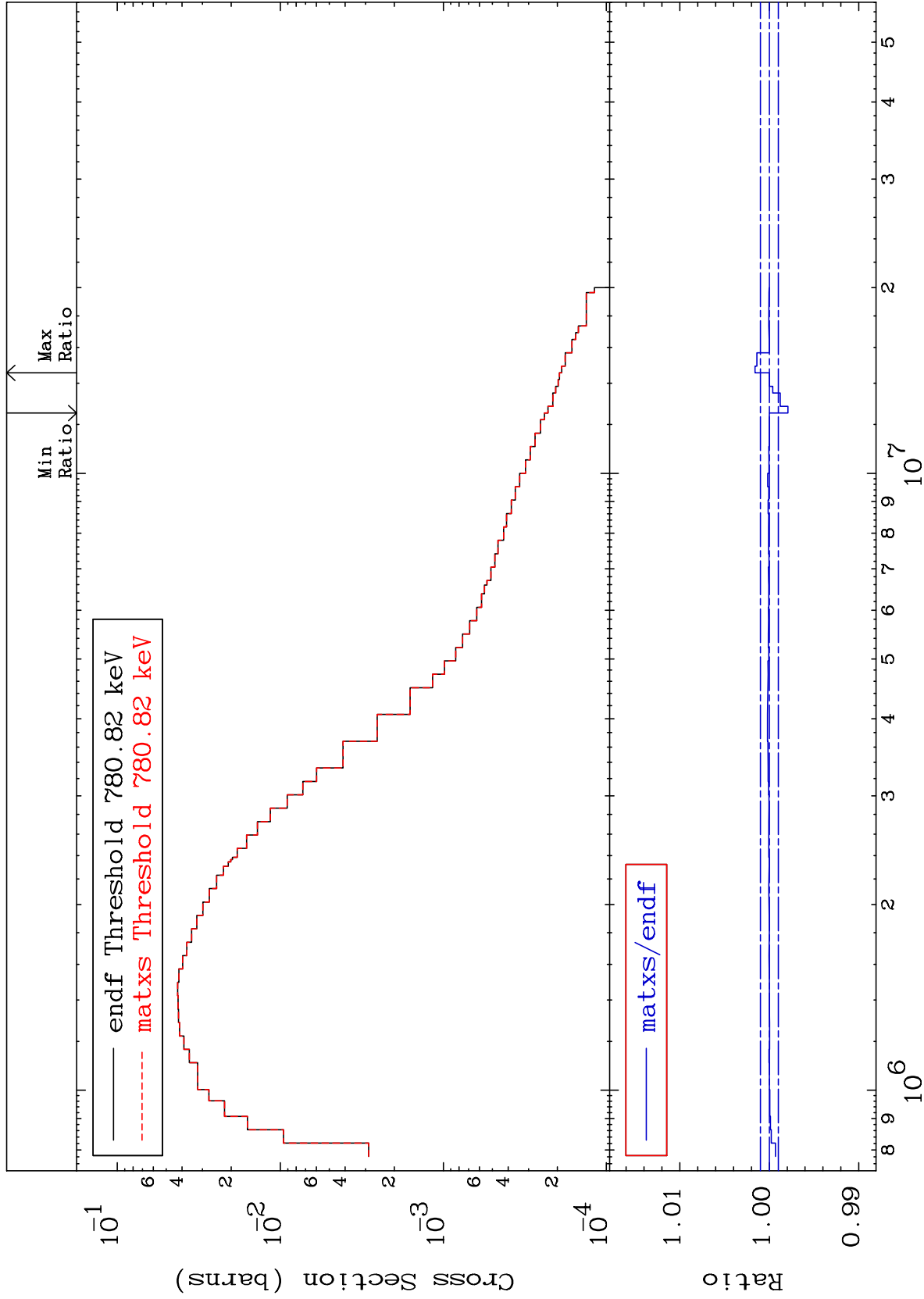
72-Hf-179  
-0.199 To 0.154 %



MAT 7240

788.2 keV (n,n') Level  
Cross Section

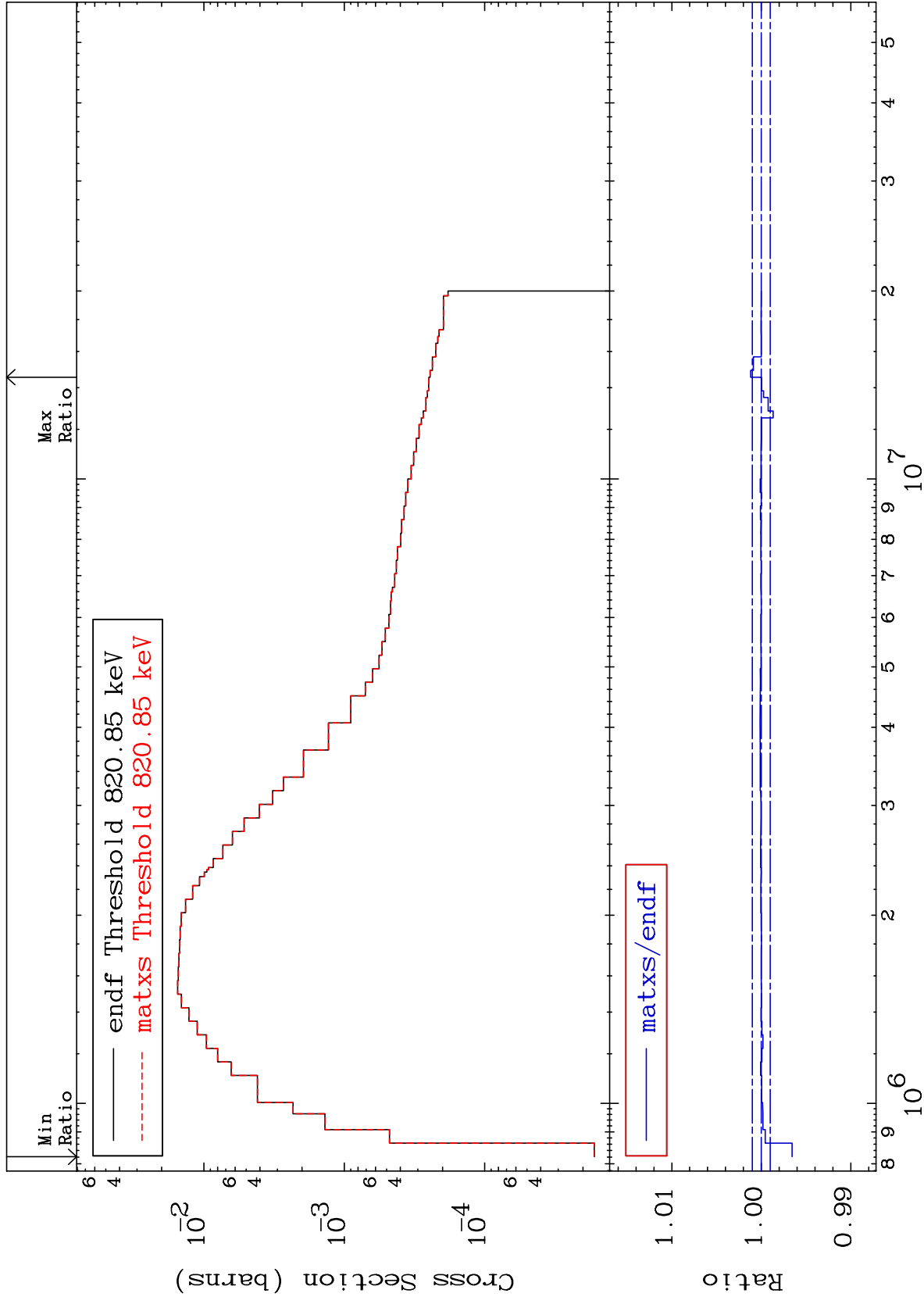
72-Hf-179  
-0.207 To 0.161 %



MAT 7240

848.4 keV (n,n') Level  
Cross Section

<sup>72</sup>Hf-179  
-0.343 To 0.119 %



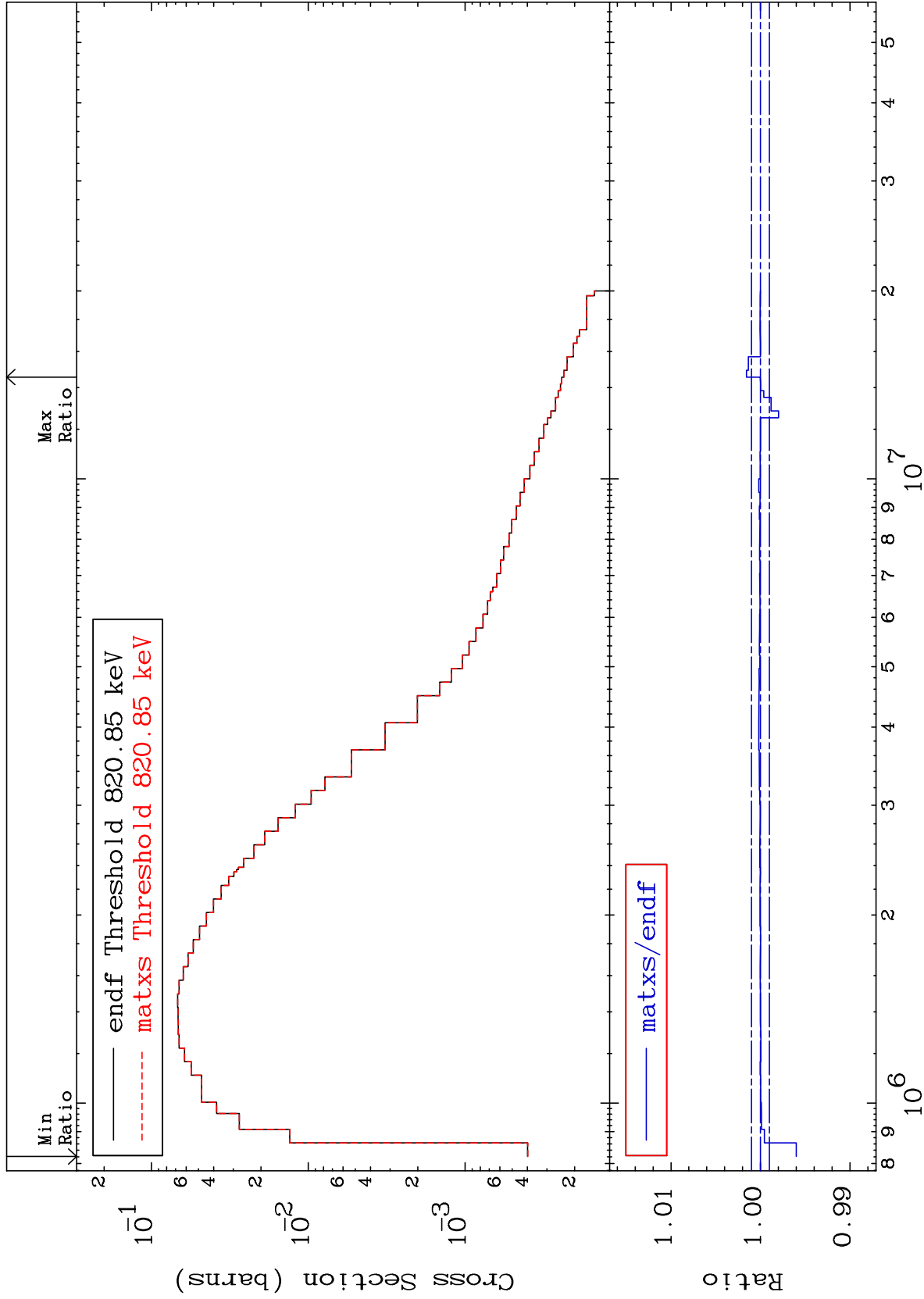
29

<sup>72</sup>Hf-179

MAT 7240

849.2 keV (n,n') Level  
Cross Section

72-Hf-179  
-0.400 To 0.157 %



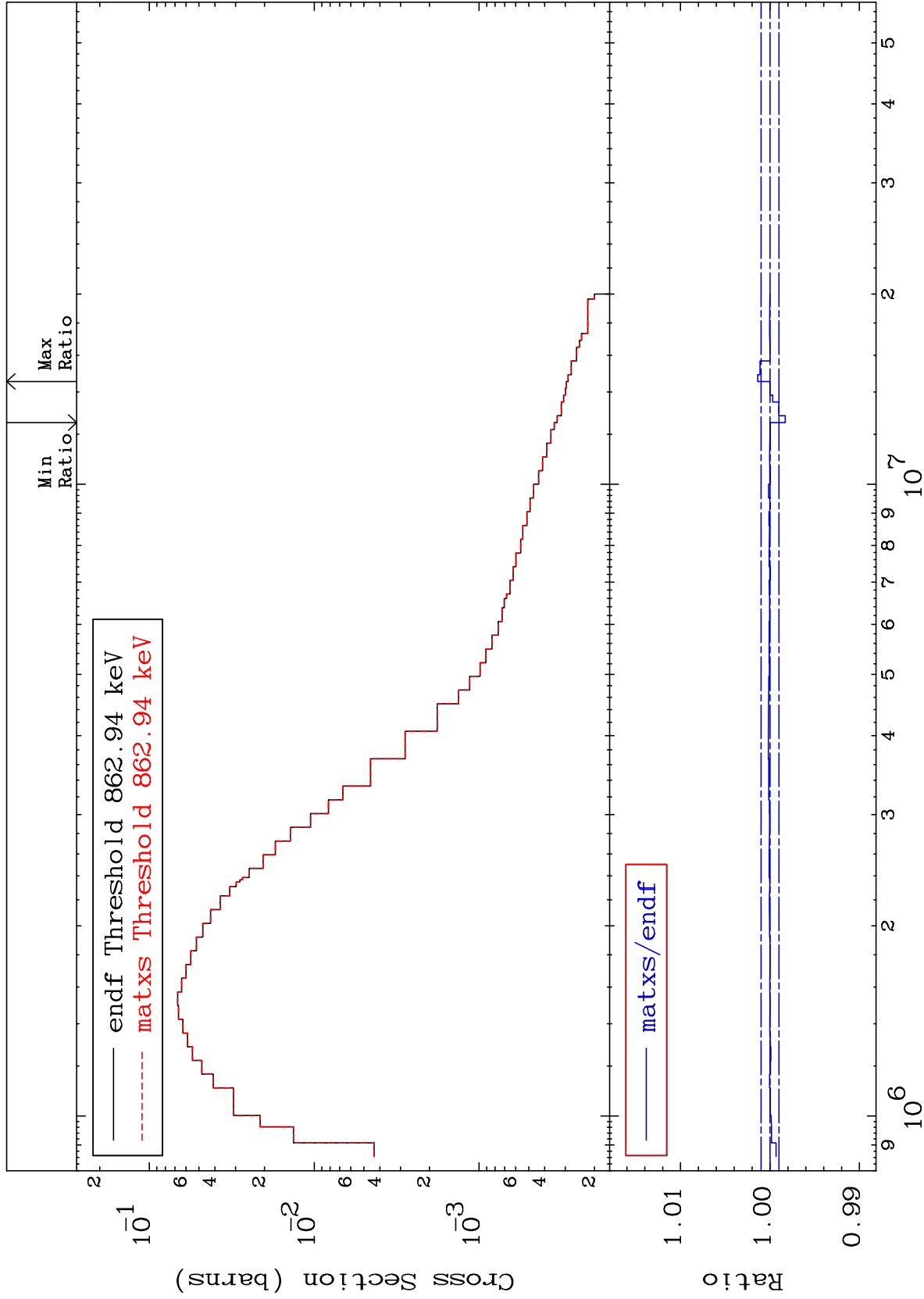
30

72-Hf-179

MAT 7240

860.3 keV (n,n') Level  
Cross Section

72-Hf-179  
-0.169 To 0.138 %



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Incident Energy (eV)

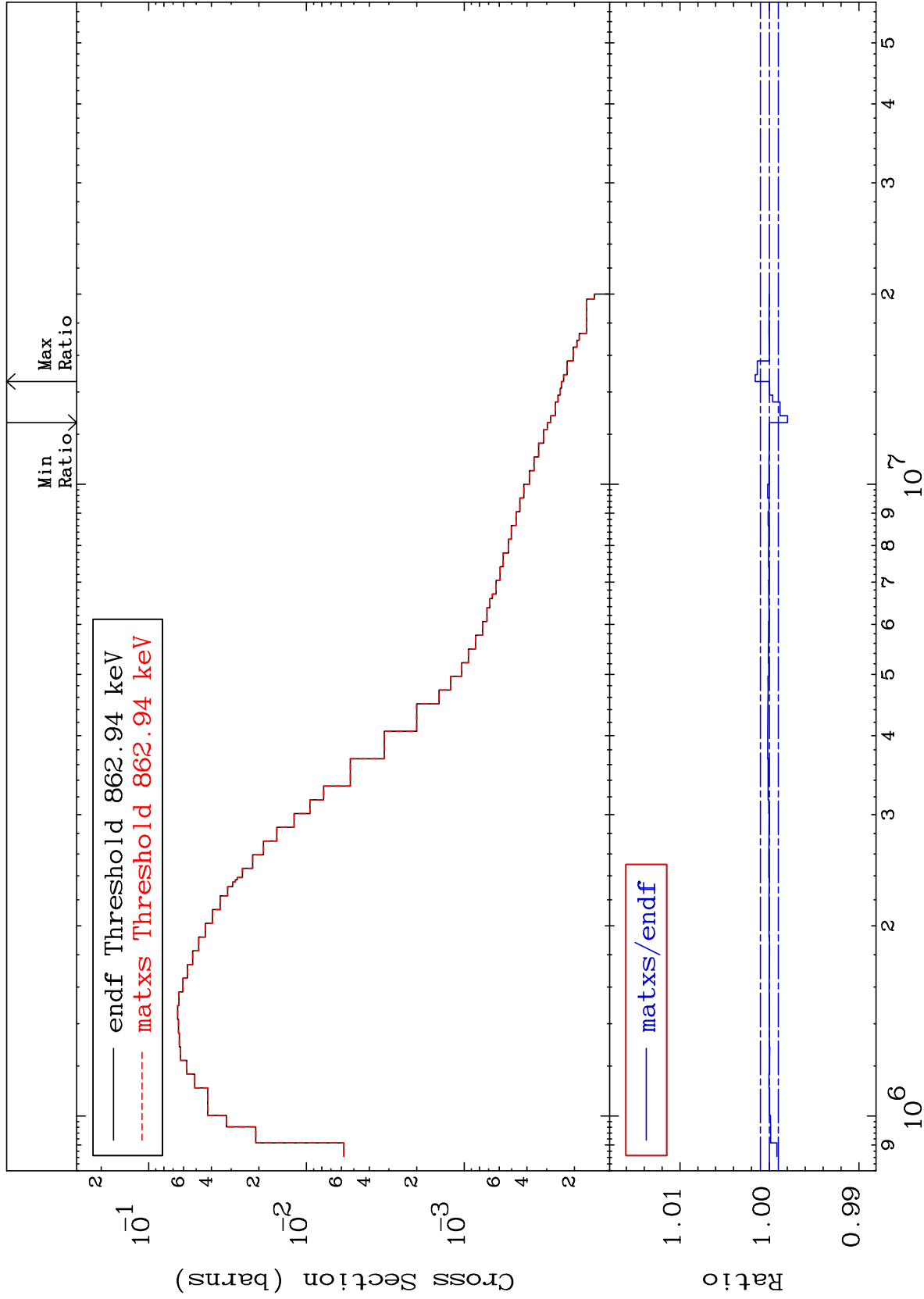
72-Hf-179



MAT 7240

870.2 keV (n,n') Level  
Cross Section

72-Hf-179  
-0.202 To 0.158 %



32

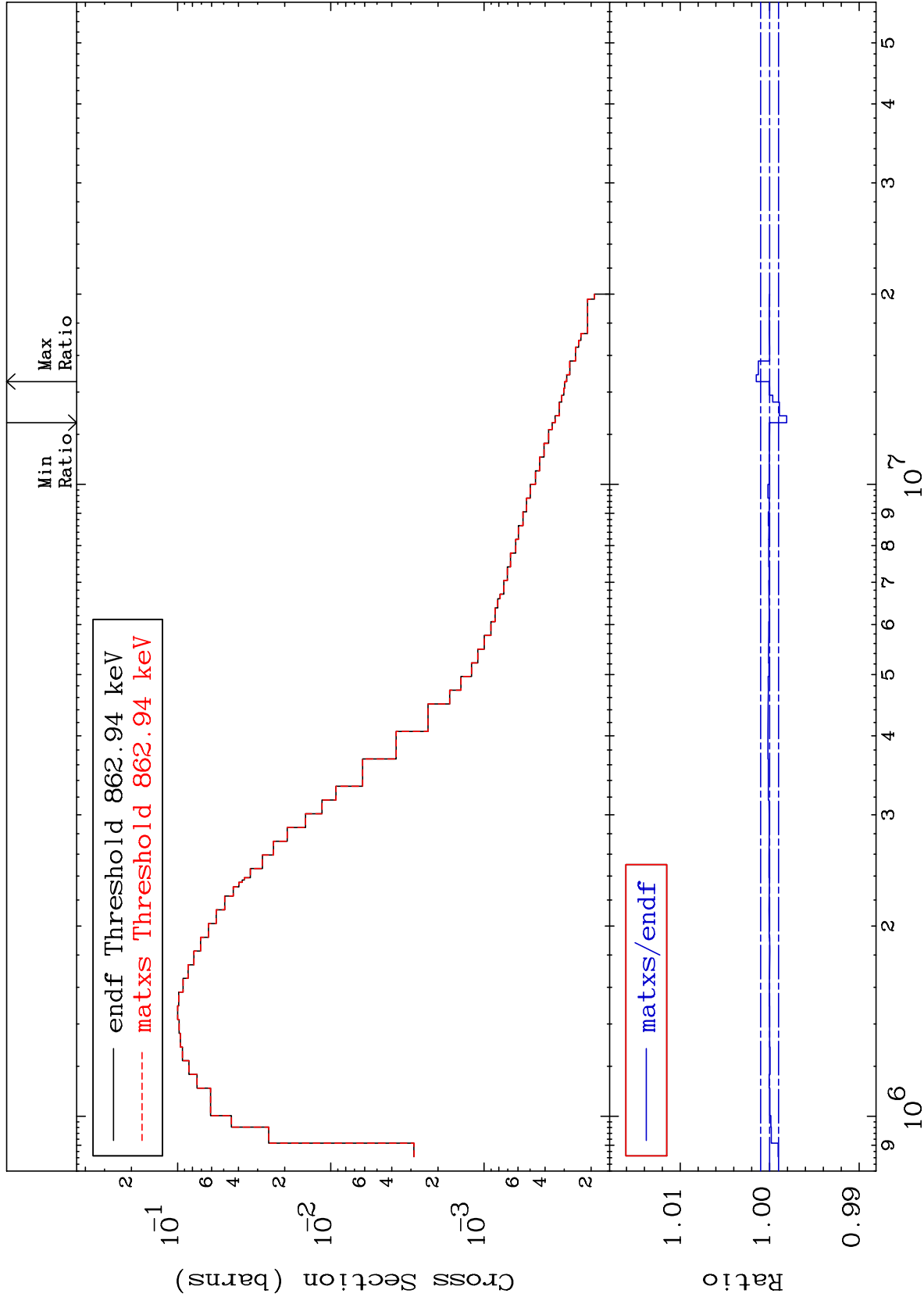
Incident Energy (eV)

72-Hf-179

MAT 7240

889.1 keV (n,n') Level  
Cross Section

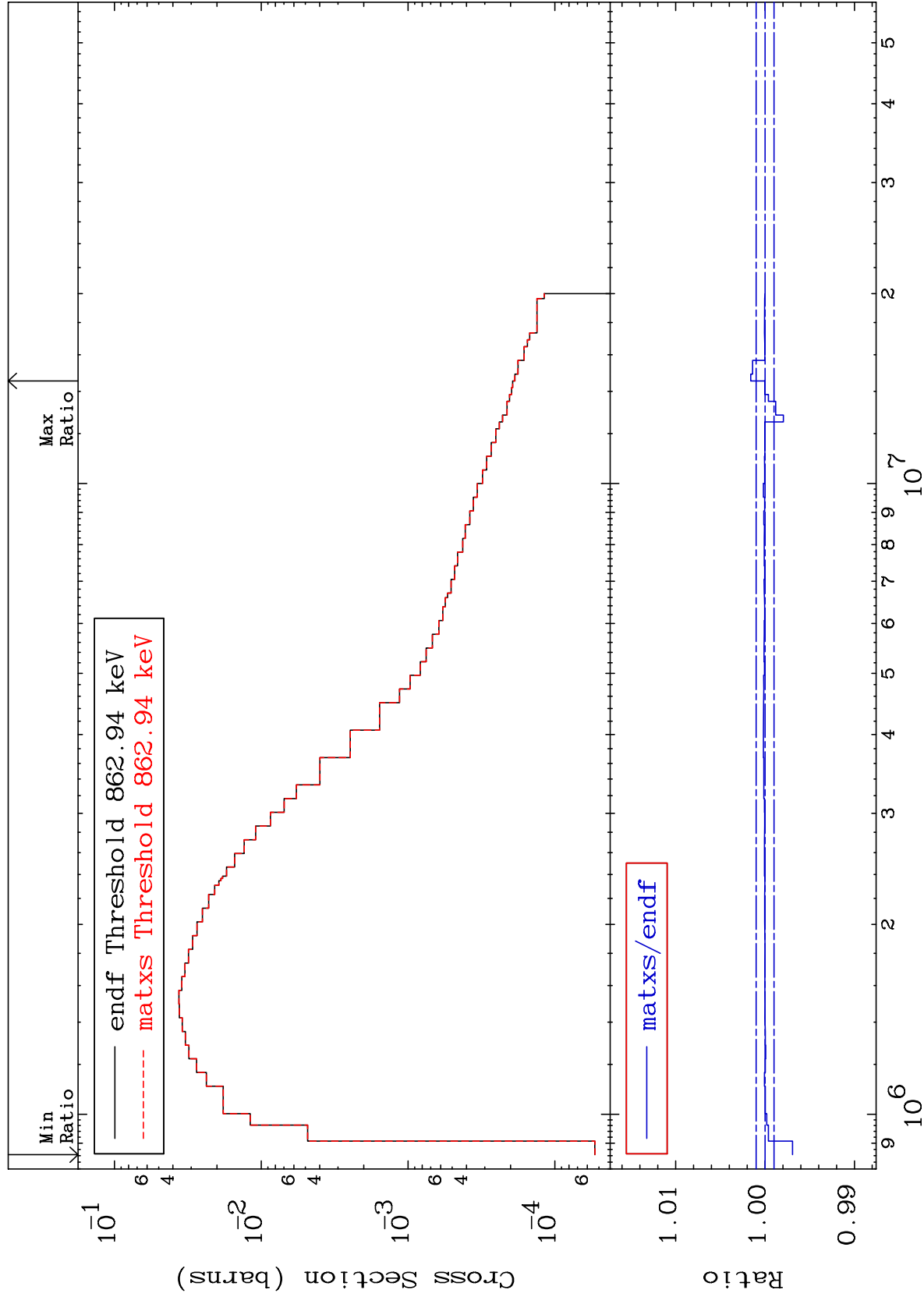
72-Hf-179  
-0.190 To 0.150 %



MAT 7240

896.4 keV (n,n') Level  
Cross Section

<sup>72</sup>Hf-179  
-0.308 To 0.160 %



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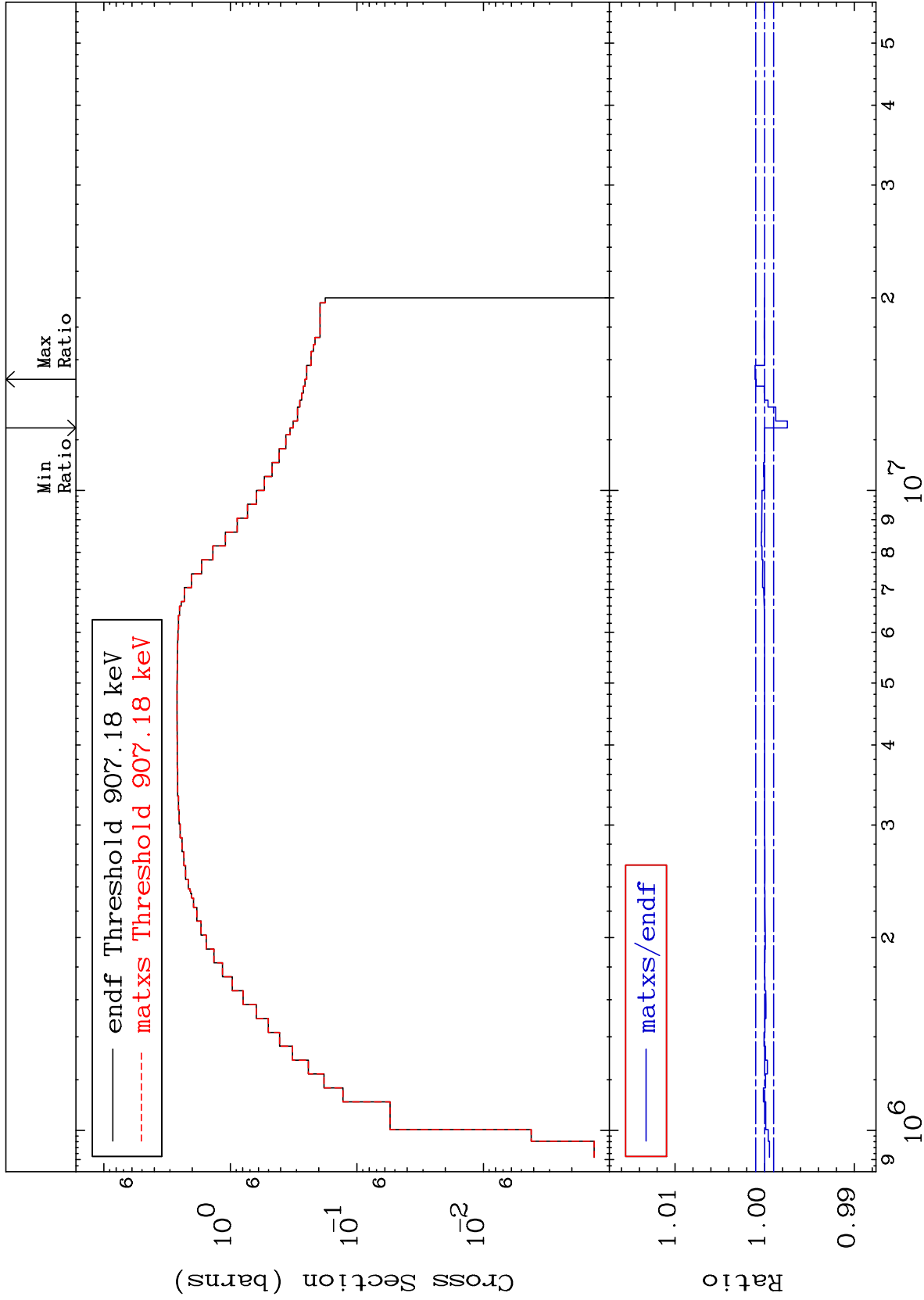
Incident Energy (eV)

<sup>72</sup>Hf-179

MAT 7240

(n, n') Continuum  
Cross Section

72-Hf-179  
-0.255 To 0.108 %



35

Incident Energy (eV)

72-Hf-179

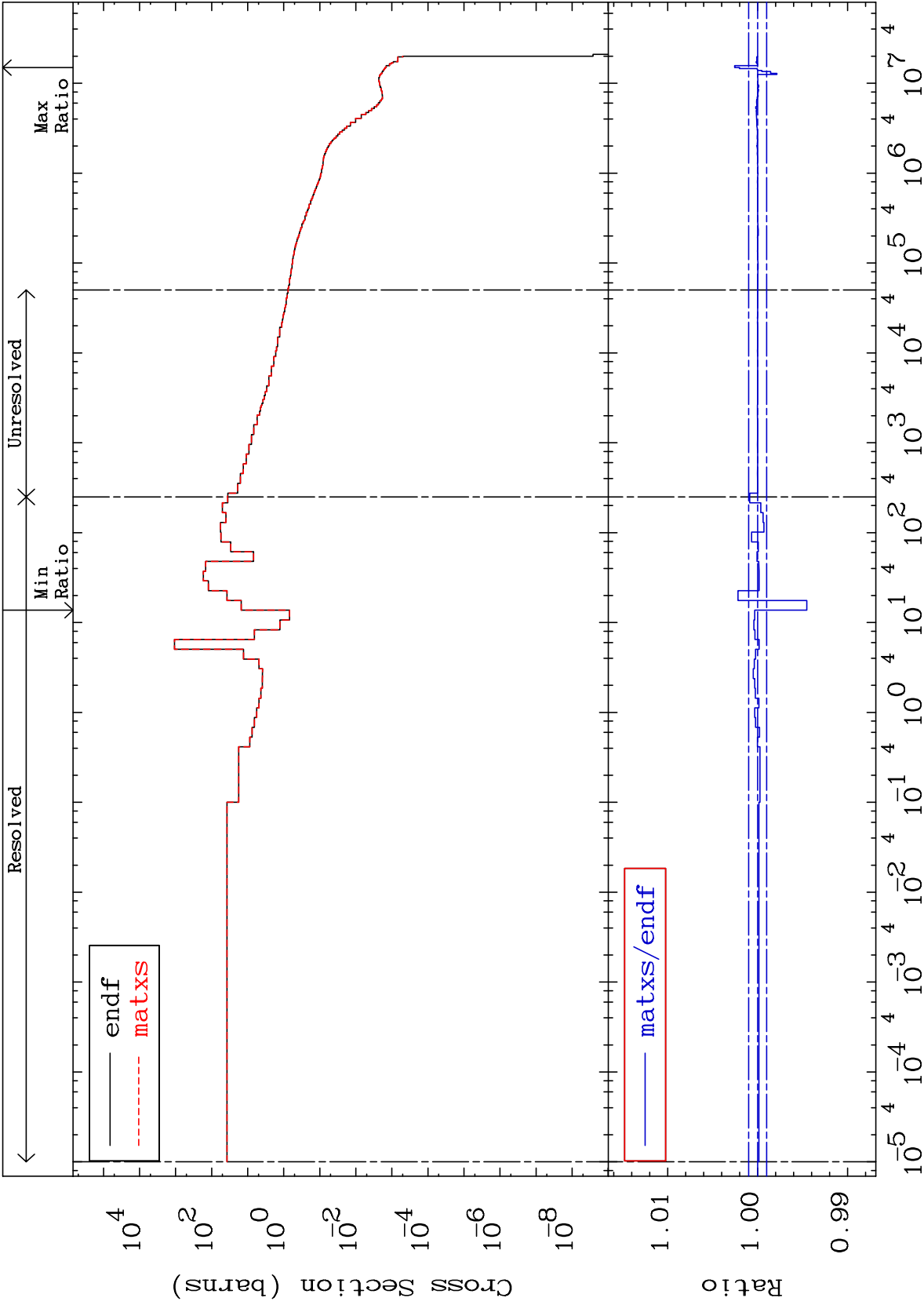
MAT 7240

$(n, \gamma)$

72-Hf-179

Cross Section

-0.546 To 0.256 %



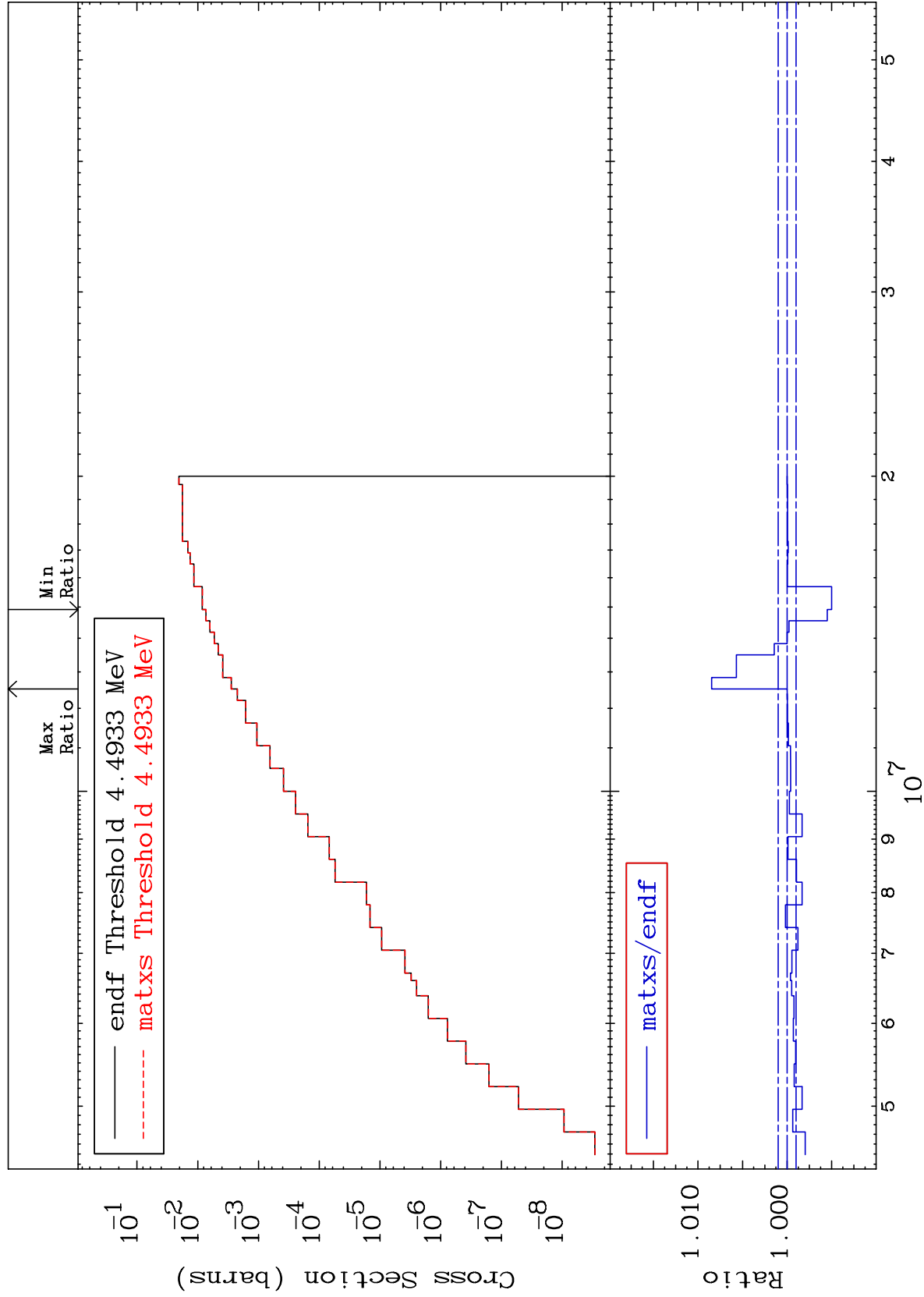
MAT 7240

(n,p)

72-Hf-179

Cross Section

-0.499 To 0.846 %



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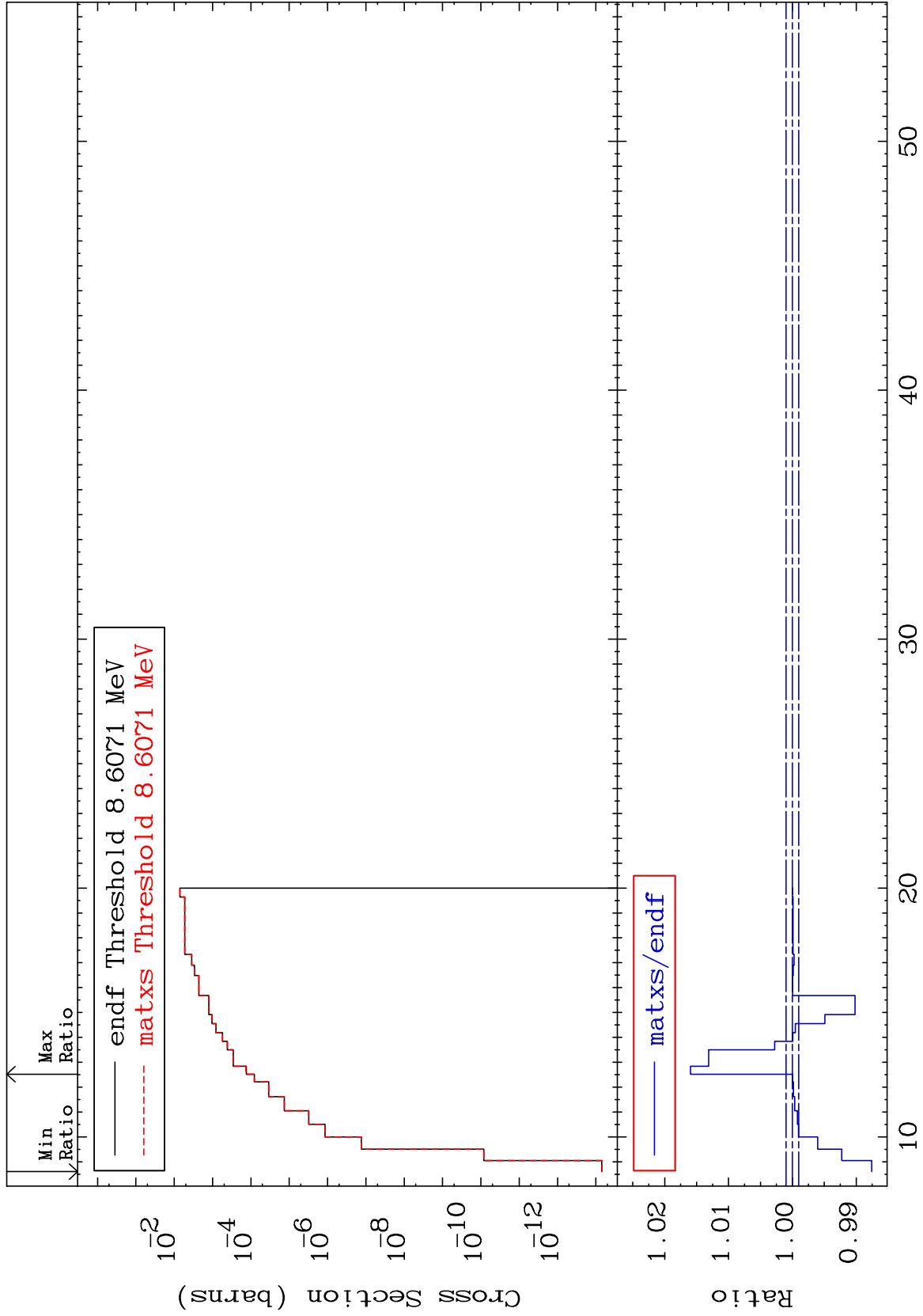
Incident Energy (eV)

72-Hf-179

MAT 7240

(n,d)  
Cross Section

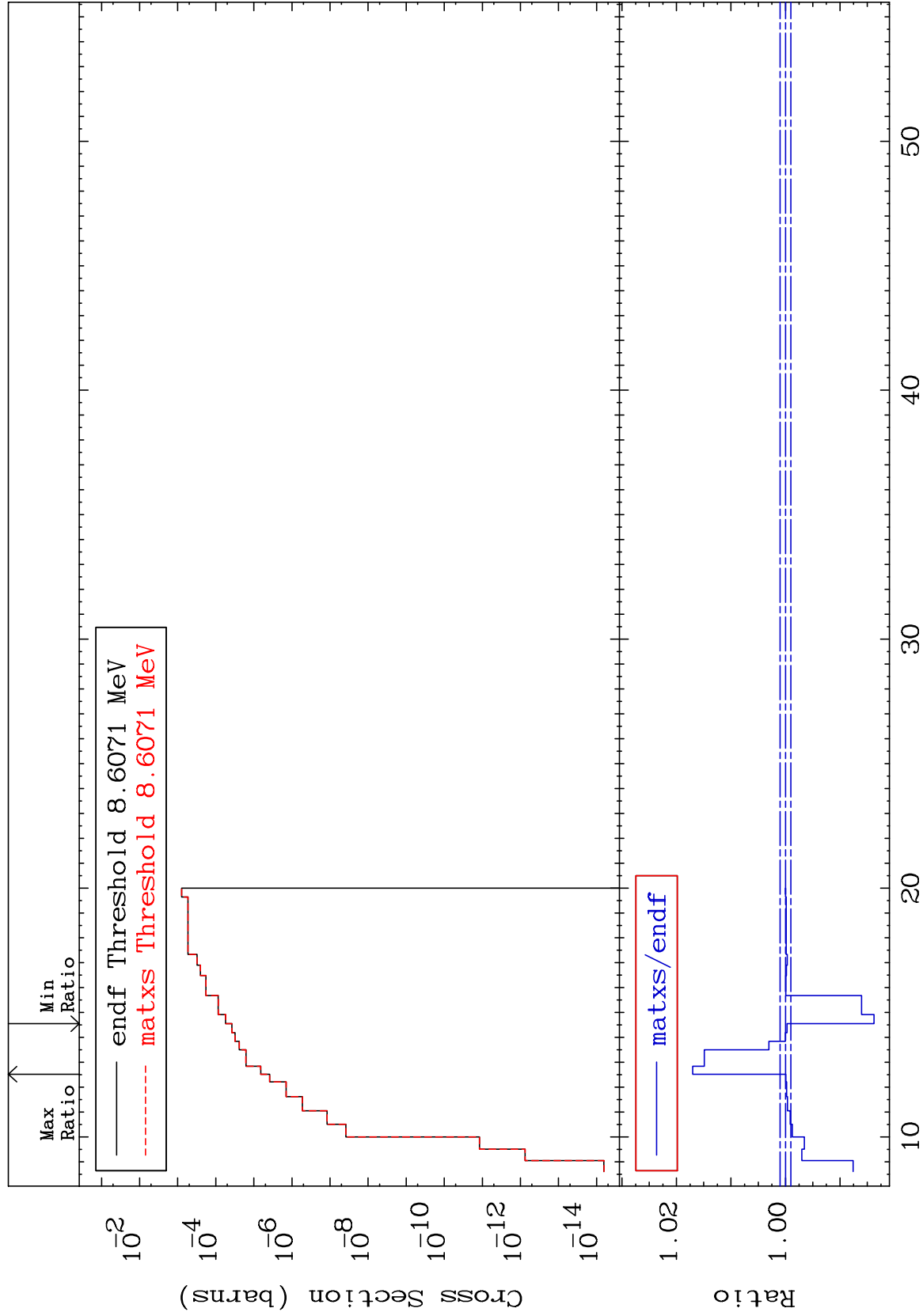
<sup>72</sup>Hf-179  
-1.242 To 1.595 %



MAT 7240

(n, t)  
Cross Section

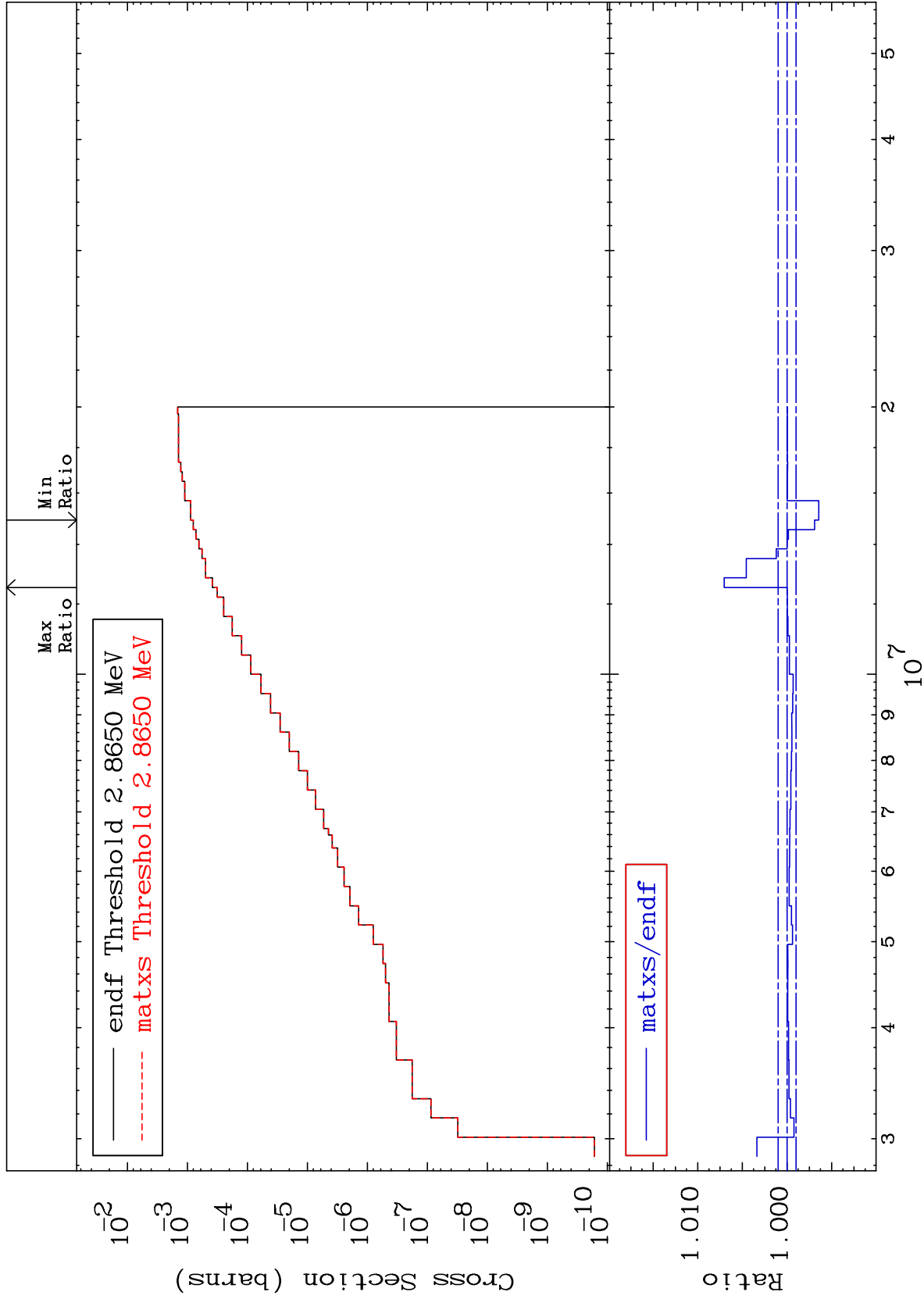
72-Hf-179  
-1.624 To 1.702 %





MAT 7240

$(n, \alpha)$   
Cross Section  
72-Hf-179  
-0.354 To 0.705 %



40

Incident Energy (eV)

72-Hf-179