

Program Complot  
(Version 2015-2)

by

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(Present Contact Information)

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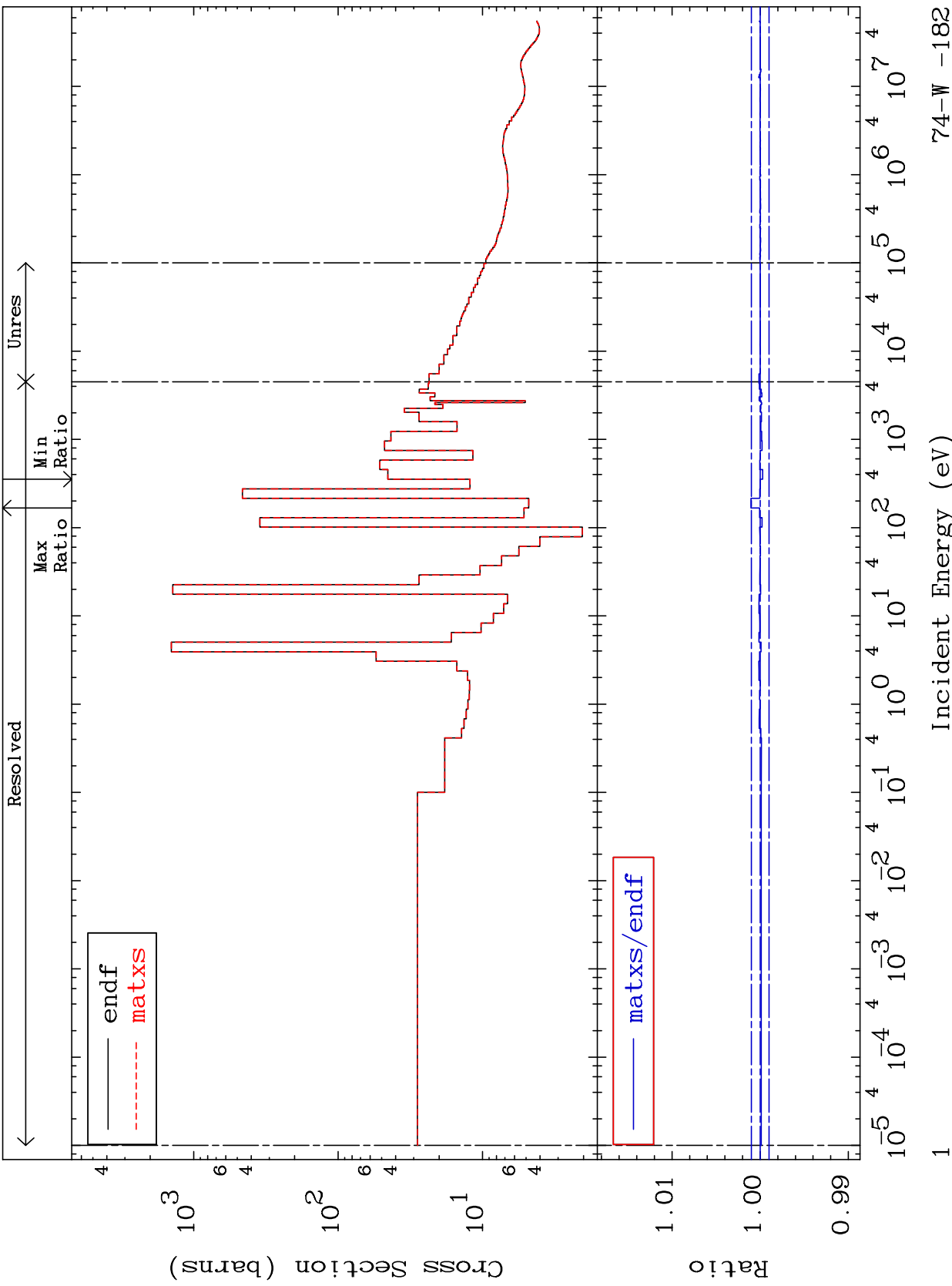
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Press Mouse Button to Start

MAT 7431

Total Cross Section  
74-W -182  
-0.028 To 0.104 %

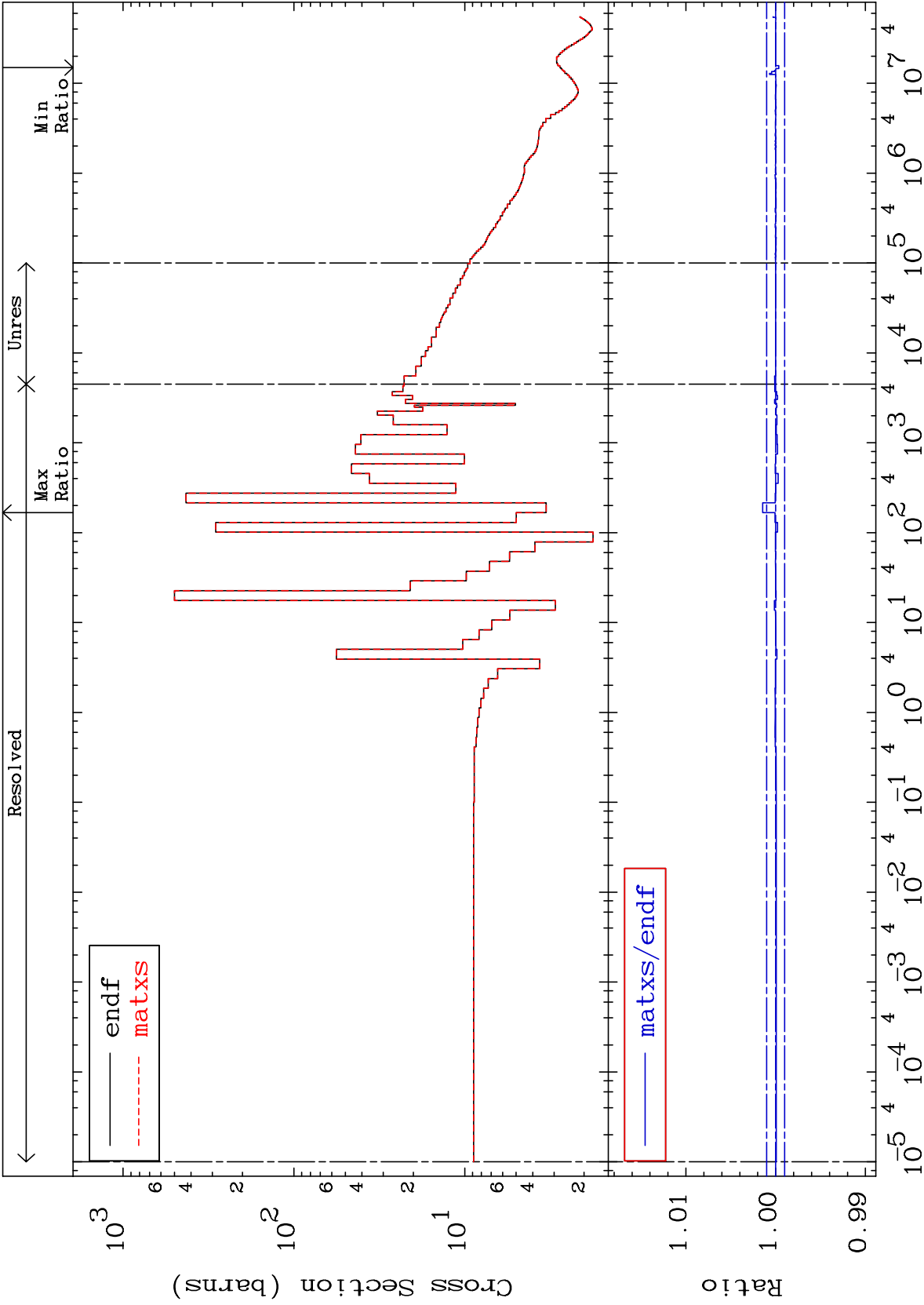


74-W -182

MAT 7431

Elastic  
Cross Section

74-W -182  
-0.036 To 0.145 %



2

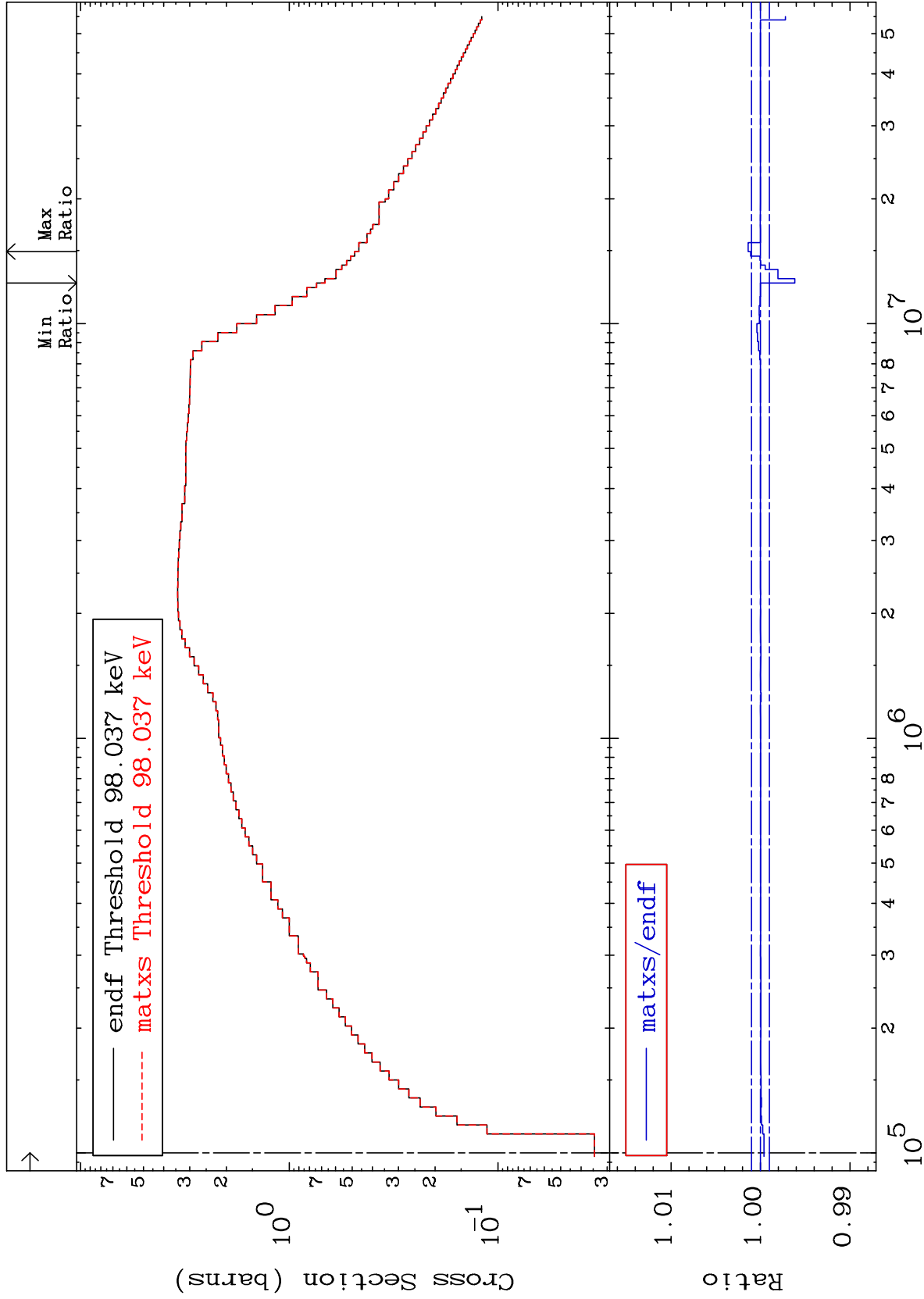
Incident Energy (eV)

74-W -182

MAT 7431

Inelastic  
Cross Section

74-W -182  
-0.382 To 0.139 %



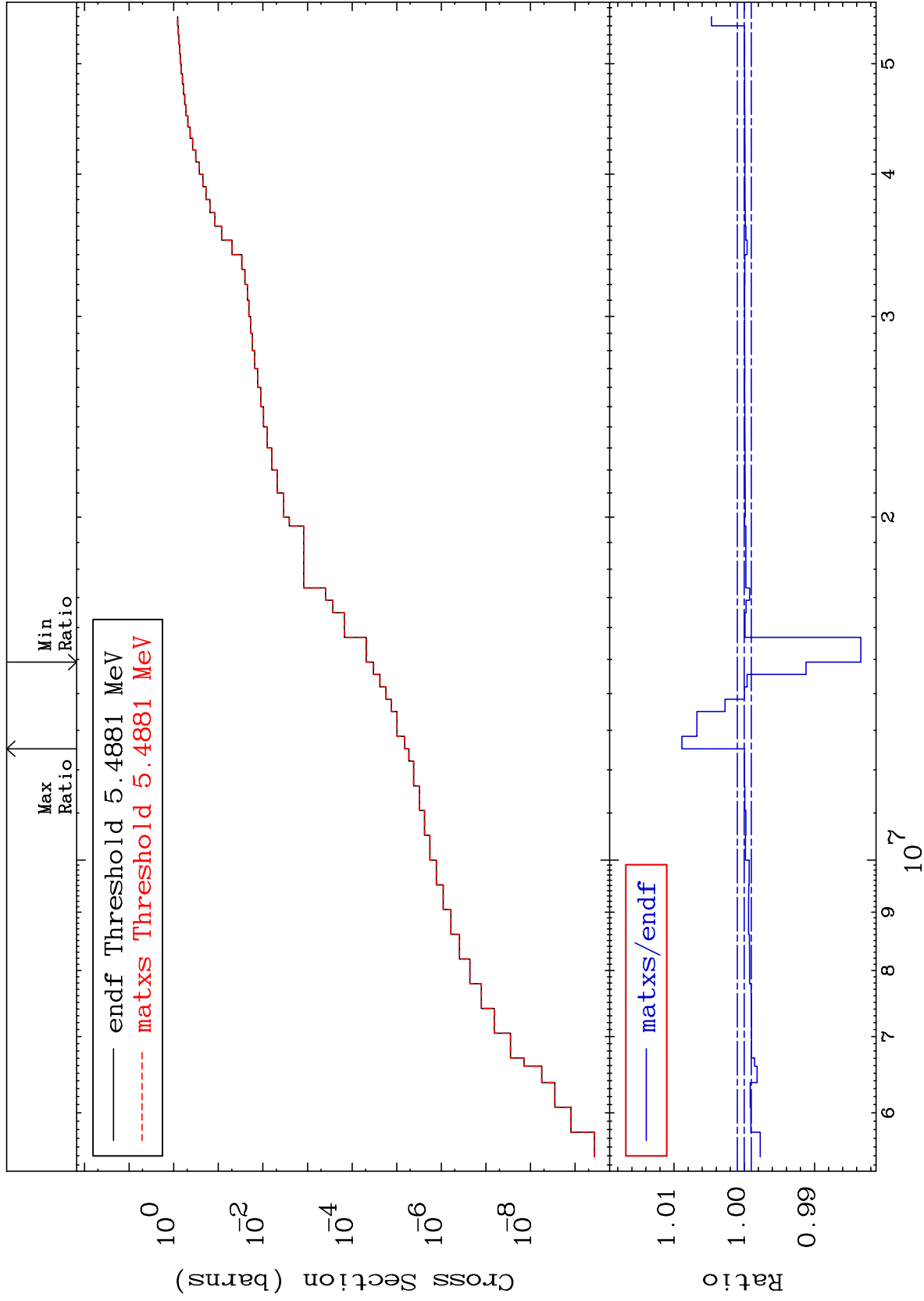
Incident Energy (eV)

74-W -182

MAT 7431

(n, remainder)  
Cross Section

74-W -182  
-1.659 To 0.887 %



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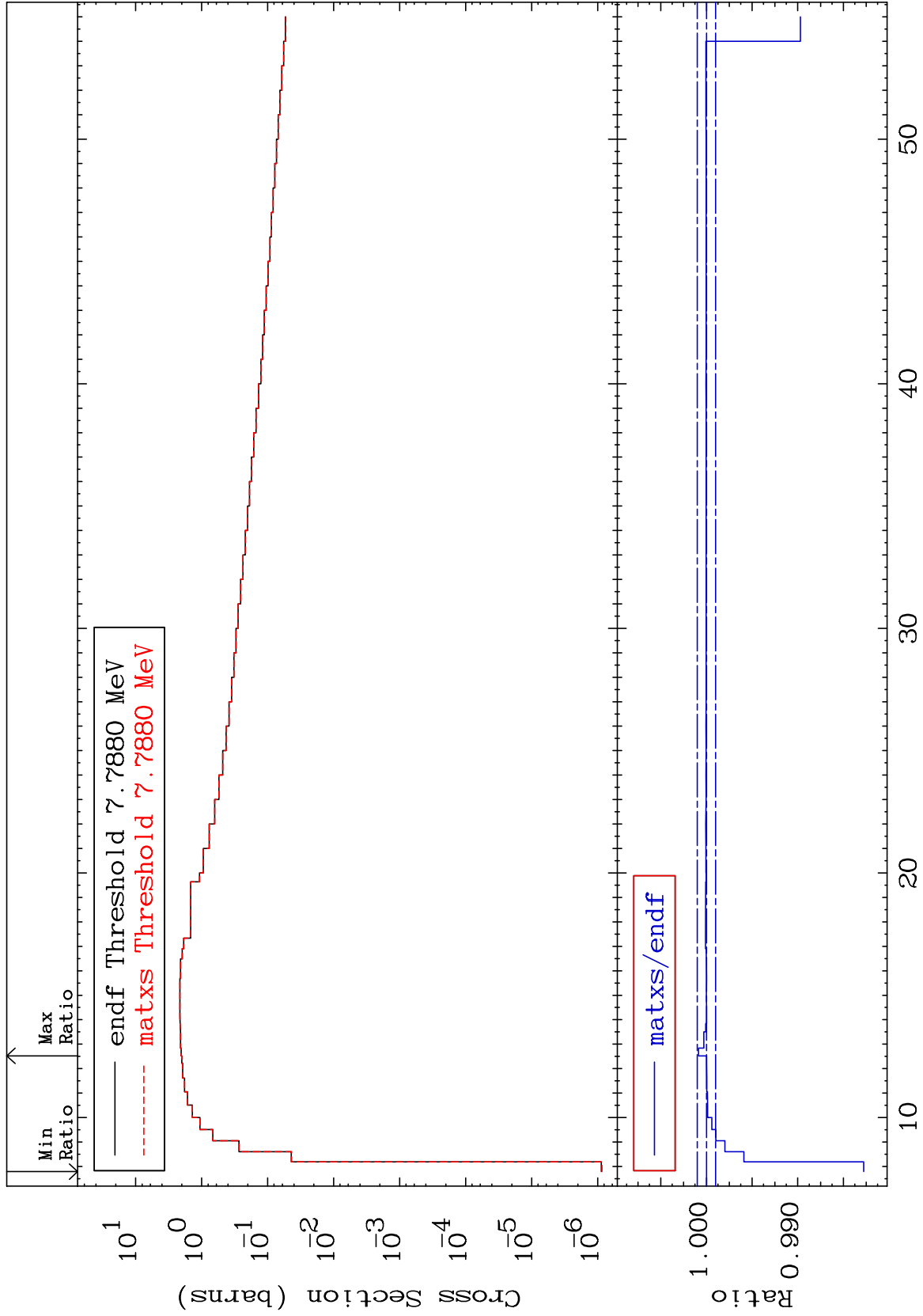
Incident Energy (eV)

74-W -182

MAT 7431

(n,2n)  
Cross Section

74-W -182  
-1.722 To 0.086 %



5

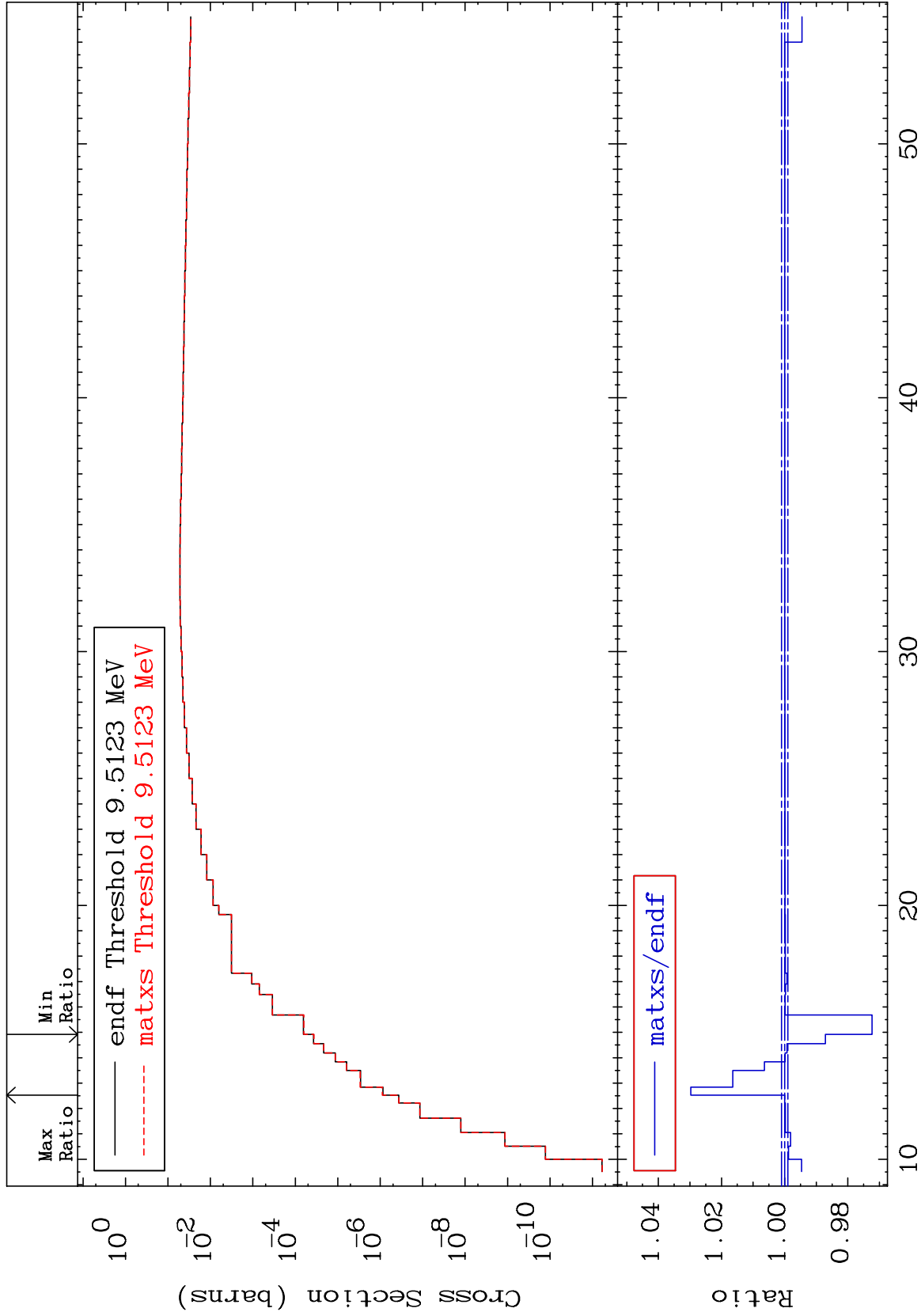
Incident Energy (MeV)

74-W -182

MAT 7431

(n, n') p  
Cross Section

74-W -182  
-2.765 To 2.971 %

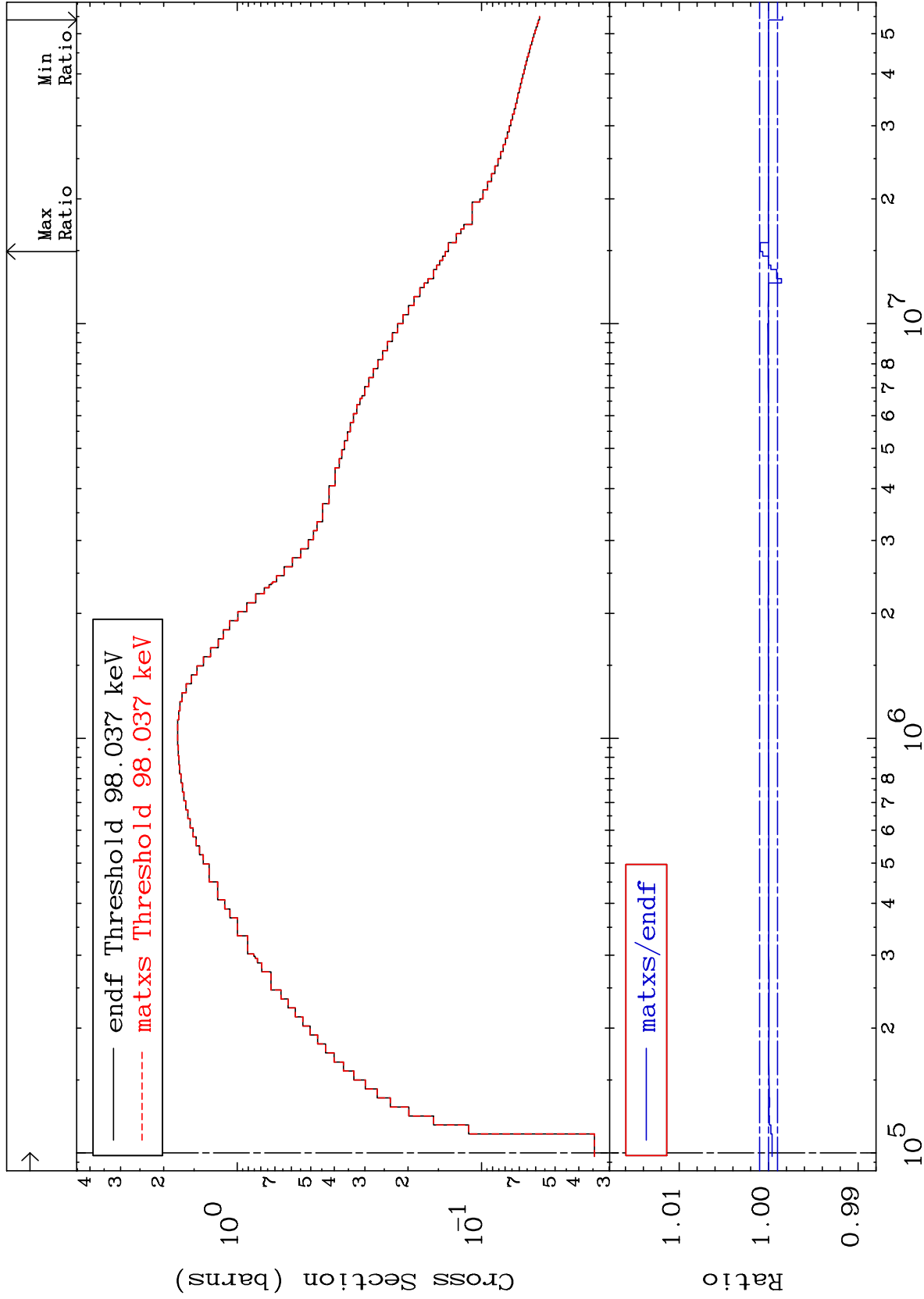


74-W -182

MAT 7431

100.1 keV (n,n') Level  
Cross Section

74-W -182  
-0.155 To 0.093 %



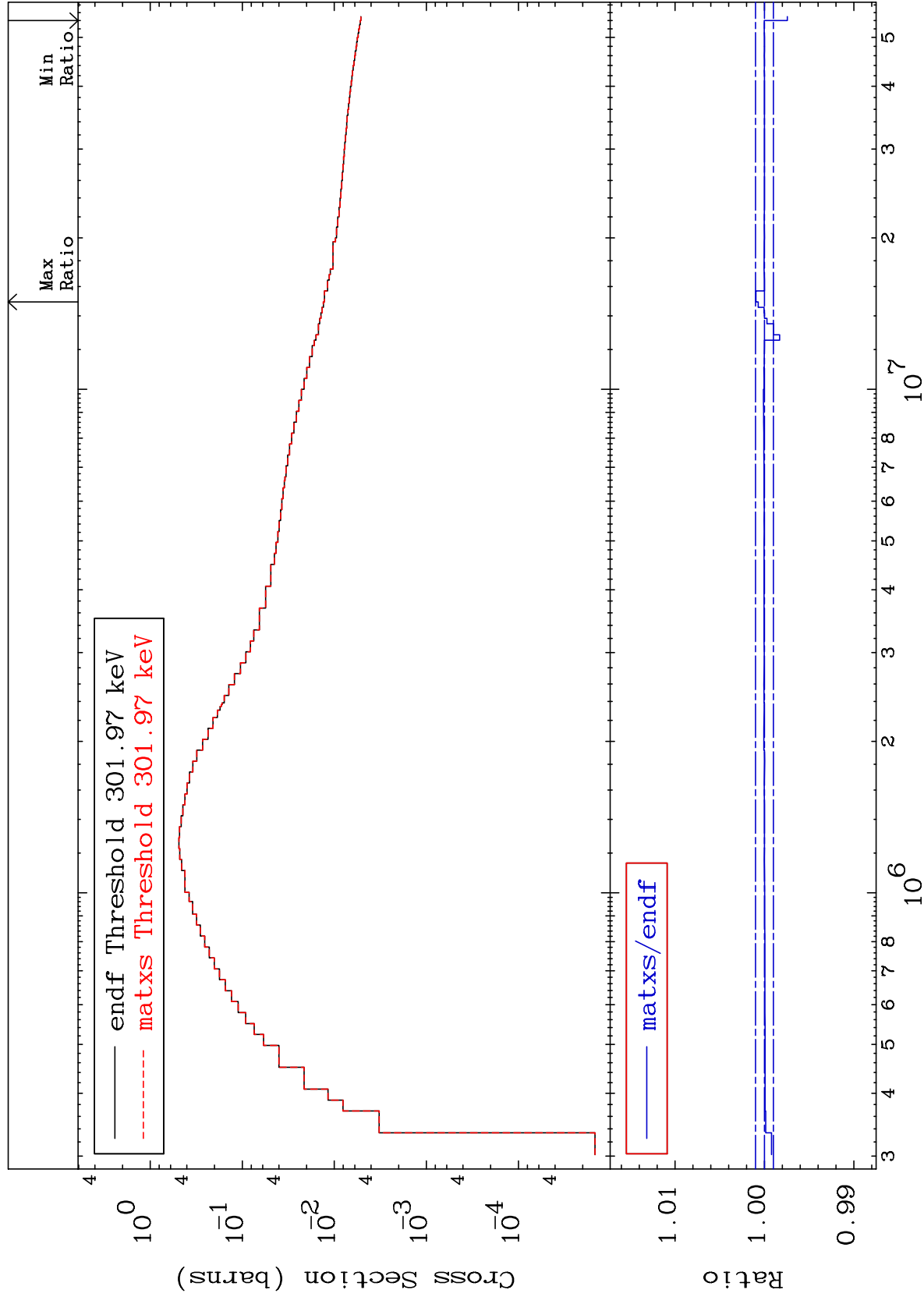
74-W -182



MAT 7431

329.4 keV (n,n') Level  
Cross Section

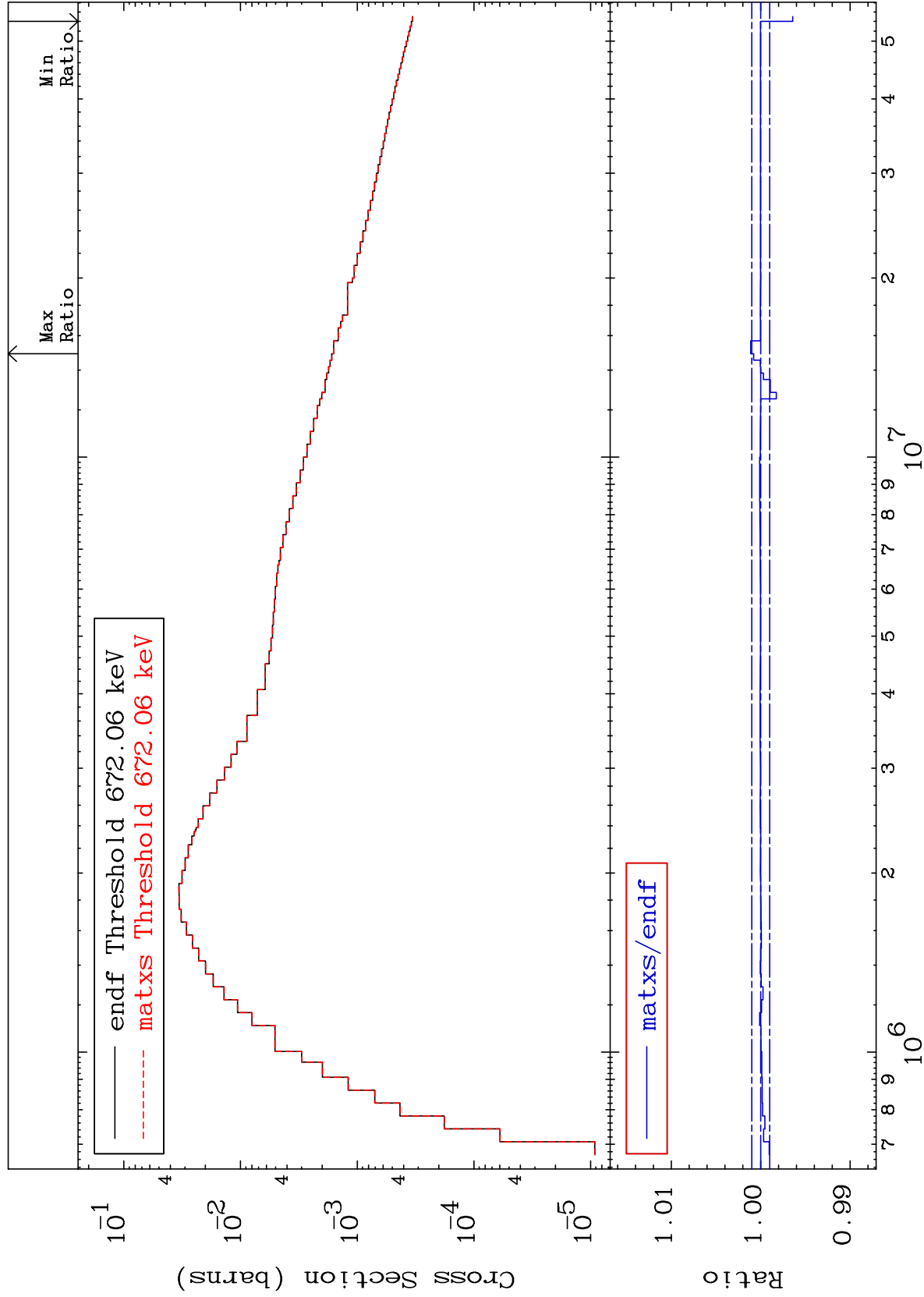
74-W -182  
-0.257 To 0.095 %



MAT 7431

680.5 keV (n,n') Level  
Cross Section

74-W -182  
-0.358 To 0.112 %



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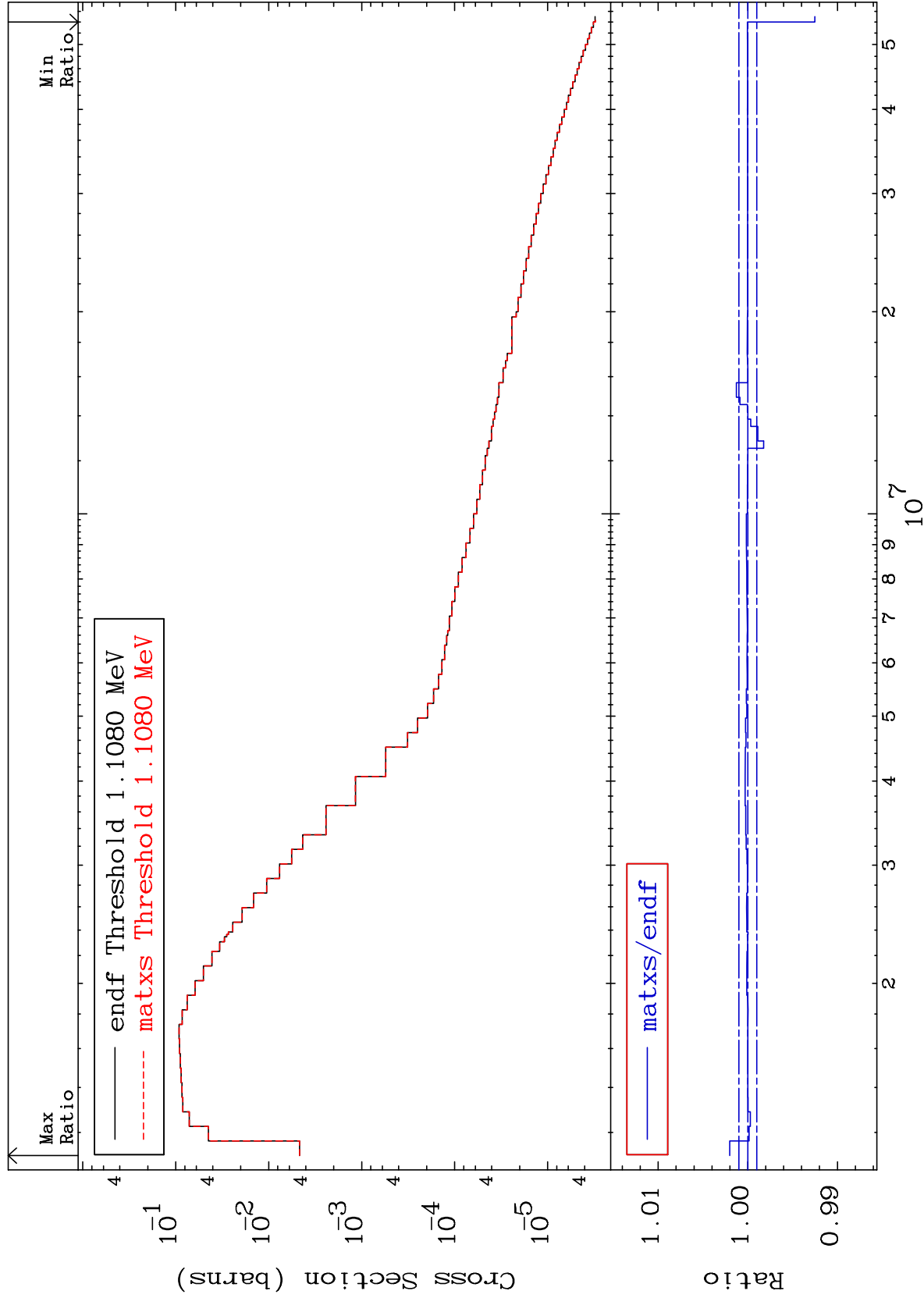
Incident Energy (eV)

74-W -182

MAT 7431

1.136 MeV (n,n') Level  
Cross Section

74-W -182  
-0.749 To 0.202 %



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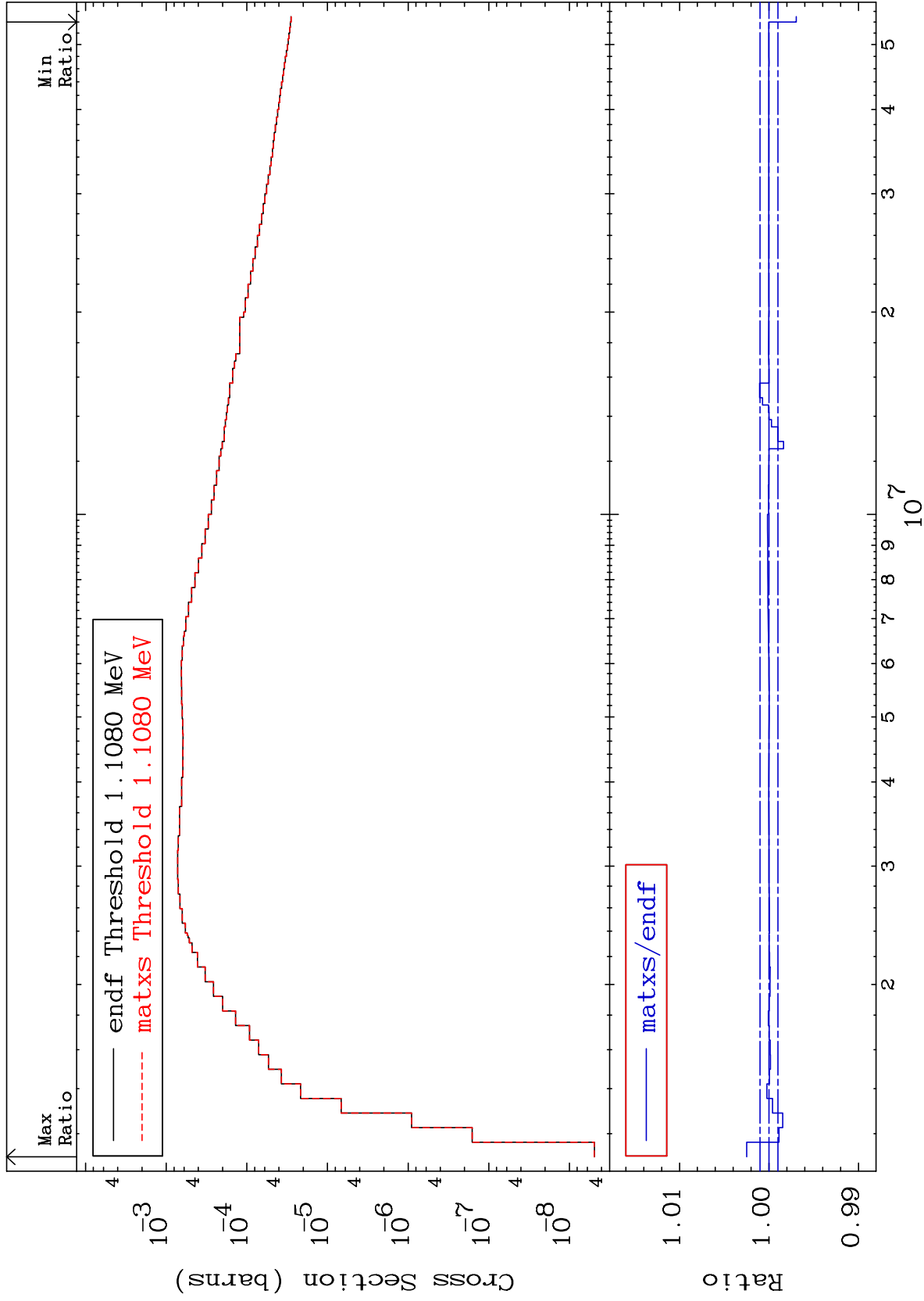
Incident Energy (eV)

74-W -182

MAT 7431

1.144 MeV (n,n') Level  
Cross Section

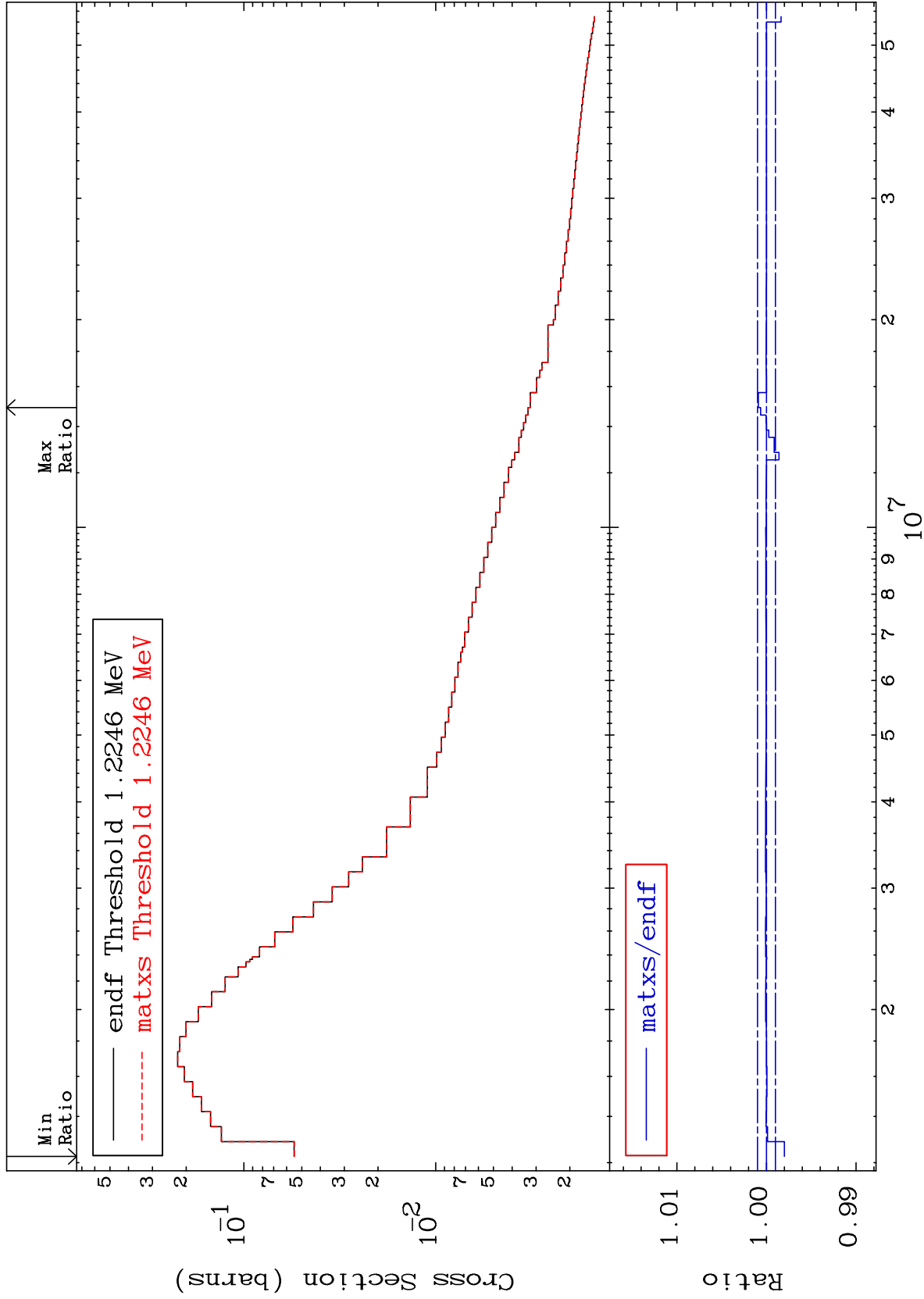
74-W -182  
-0.304 To 0.250 %



MAT 7431

1.221 MeV (n,n') Level  
Cross Section

<sup>74</sup>W -182  
-0.201 To 0.091 %



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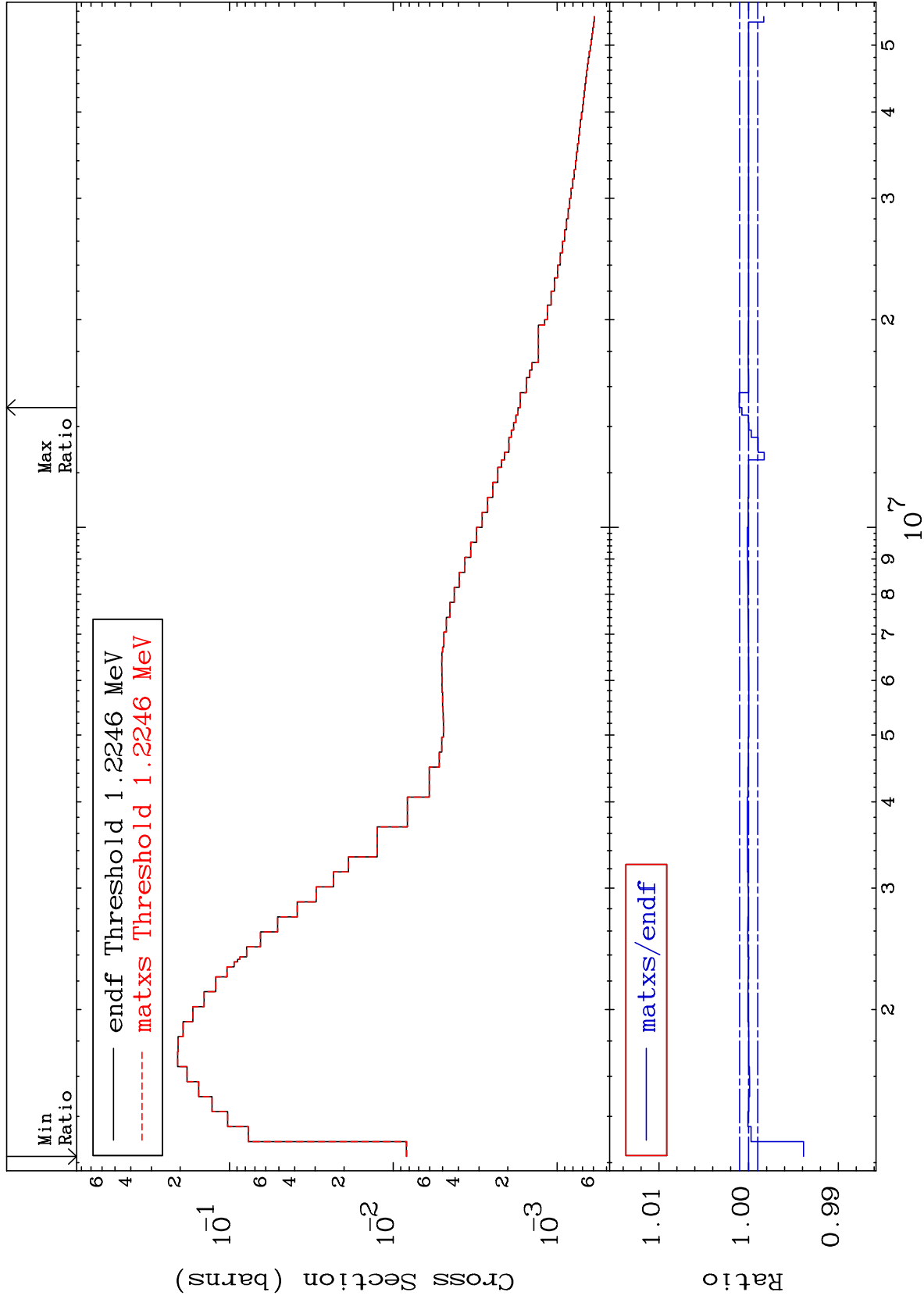
Incident Energy (eV)

<sup>74</sup>W -182

MAT 7431

1.257 MeV (n,n') Level  
Cross Section

<sup>74</sup>W -182  
-0.612 To 0.105 %



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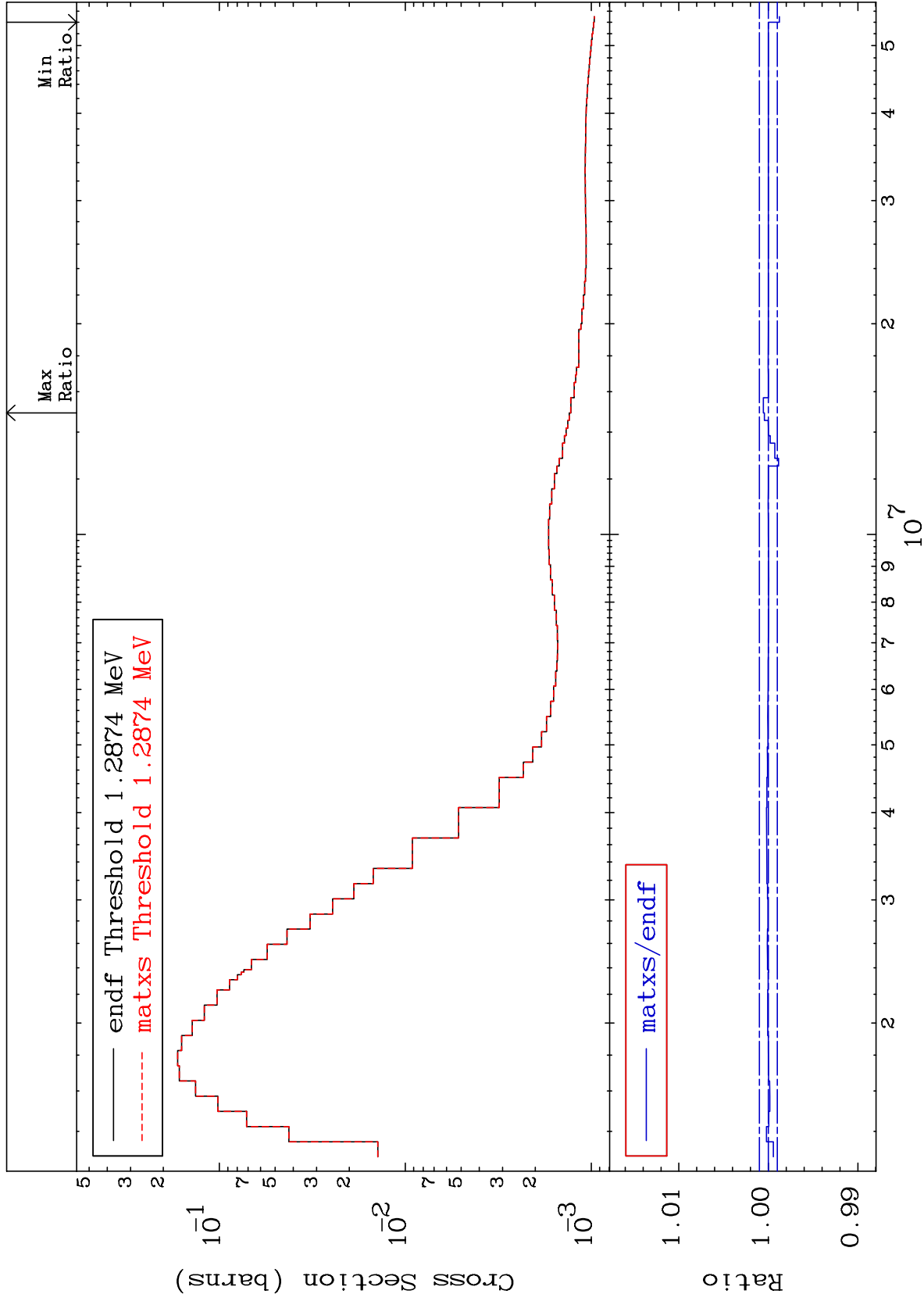
Incident Energy (eV)

<sup>74</sup>W -182

MAT 7431

1.289 MeV (n,n') Level  
Cross Section

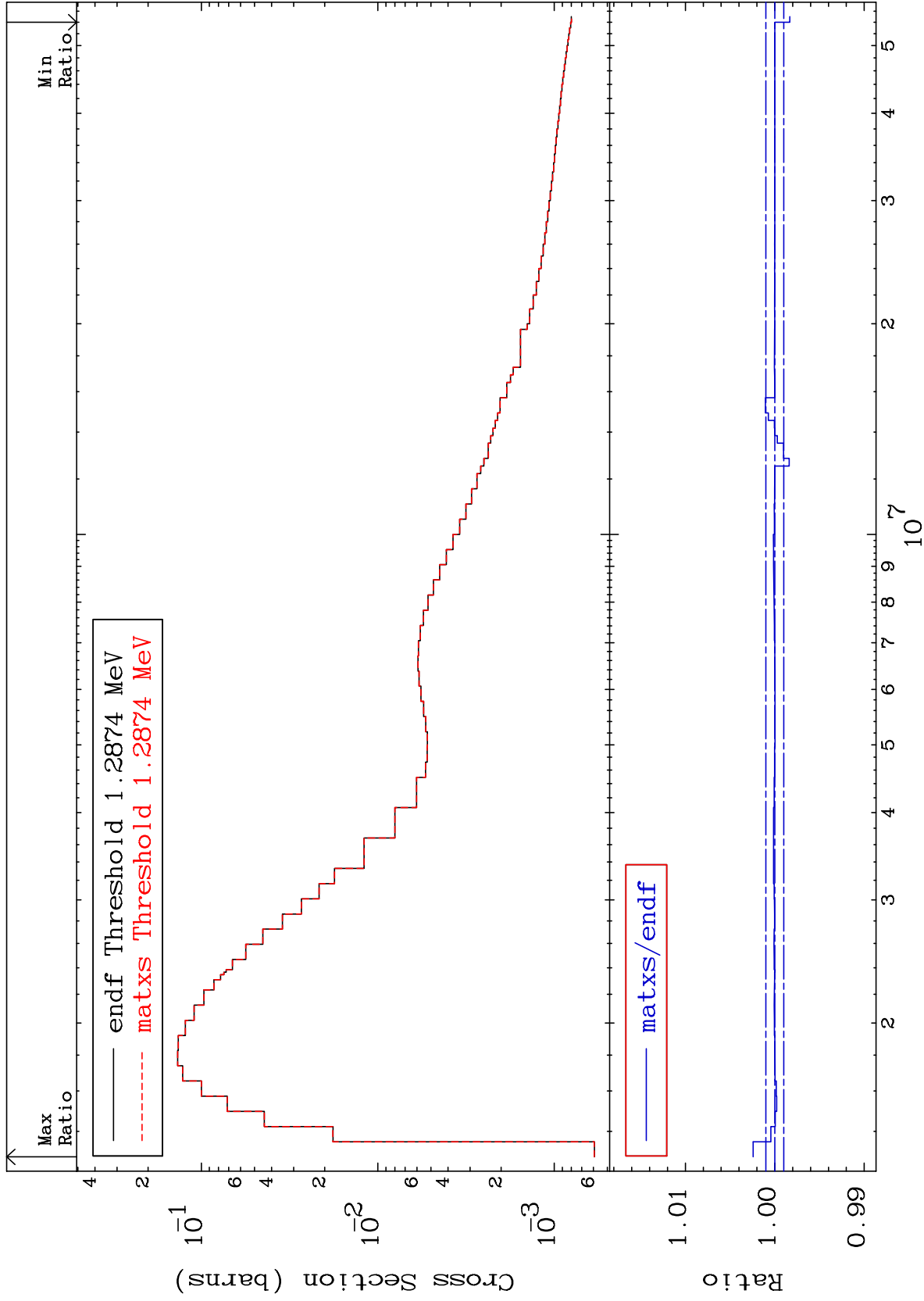
74-W -182  
-0.124 To 0.057 %



MAT 7431

1.331 MeV (n,n') Level  
Cross Section

74-W -182  
-0.167 To 0.243 %



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Incident Energy (eV)

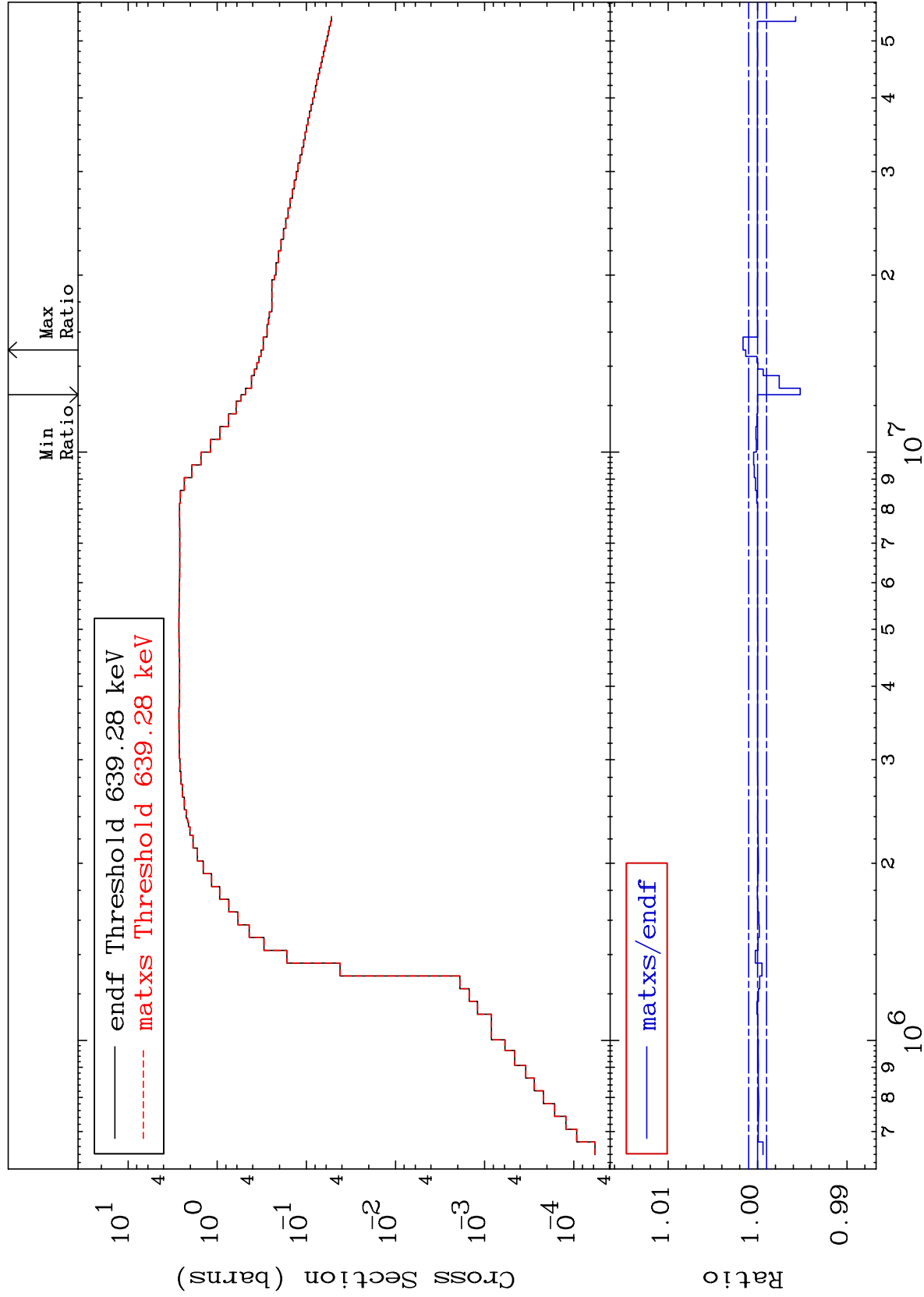
74-W -182



MAT 7431

(n, n') Continuum  
Cross Section

74-W -182  
-0.476 To 0.163 %



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74-W -182

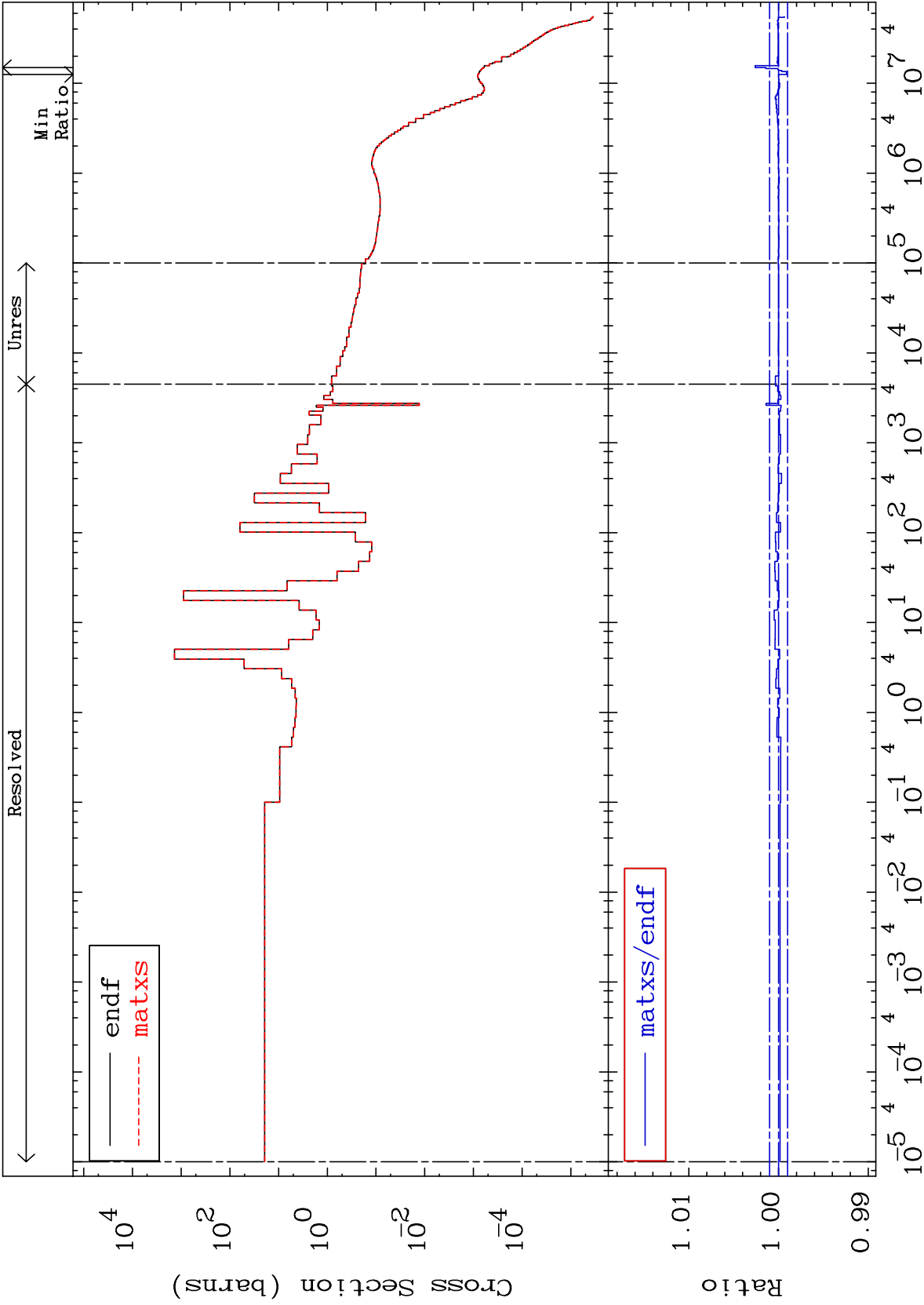
MAT 7431

(n,  $\gamma$ )

74-W -182

Cross Section

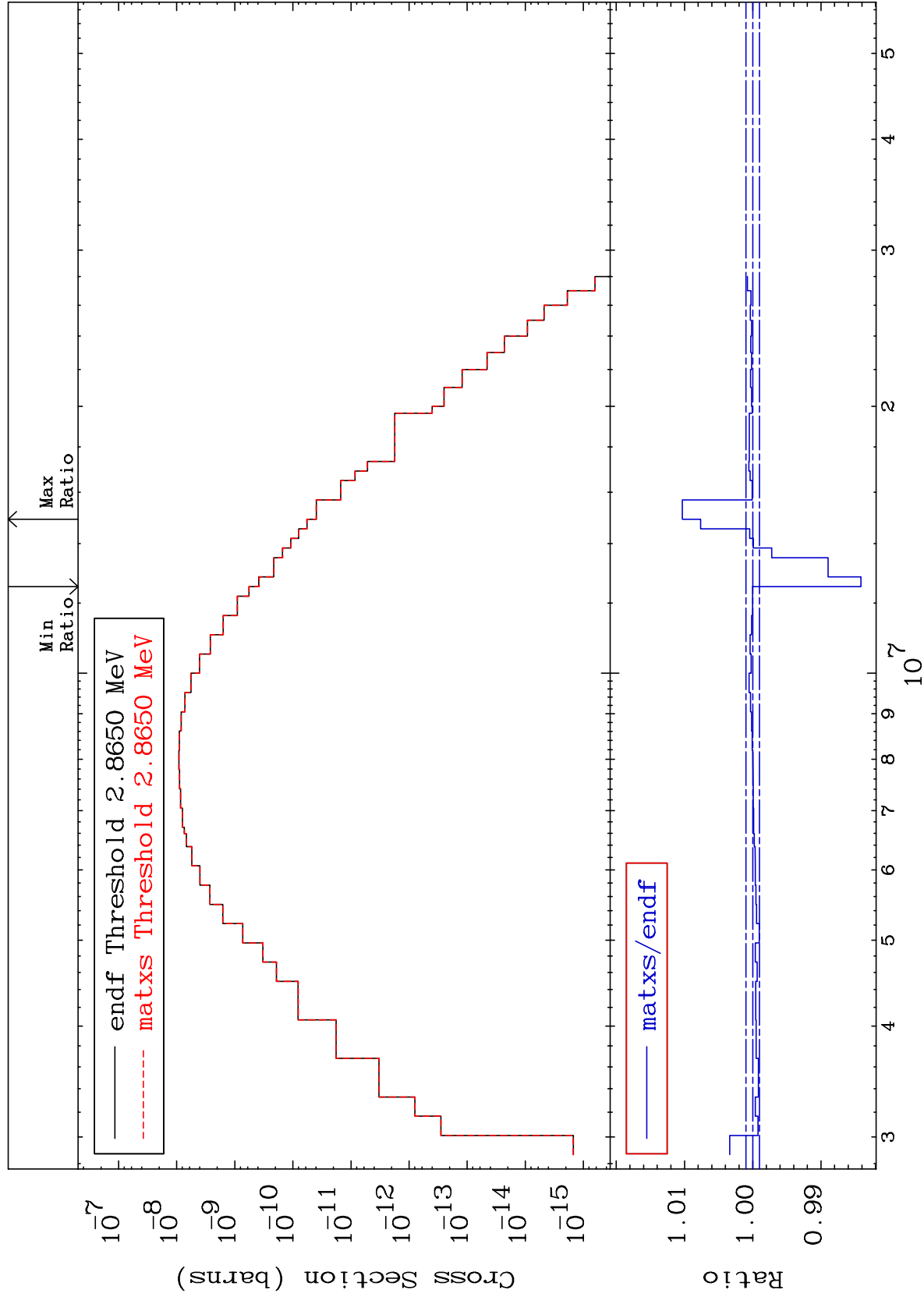
-0.088 To 0.262 %



MAT 7431

(n, p') Ground  
Cross Section

$^{74}\text{W}$  -182  
-1.586 To 1.032 %



18

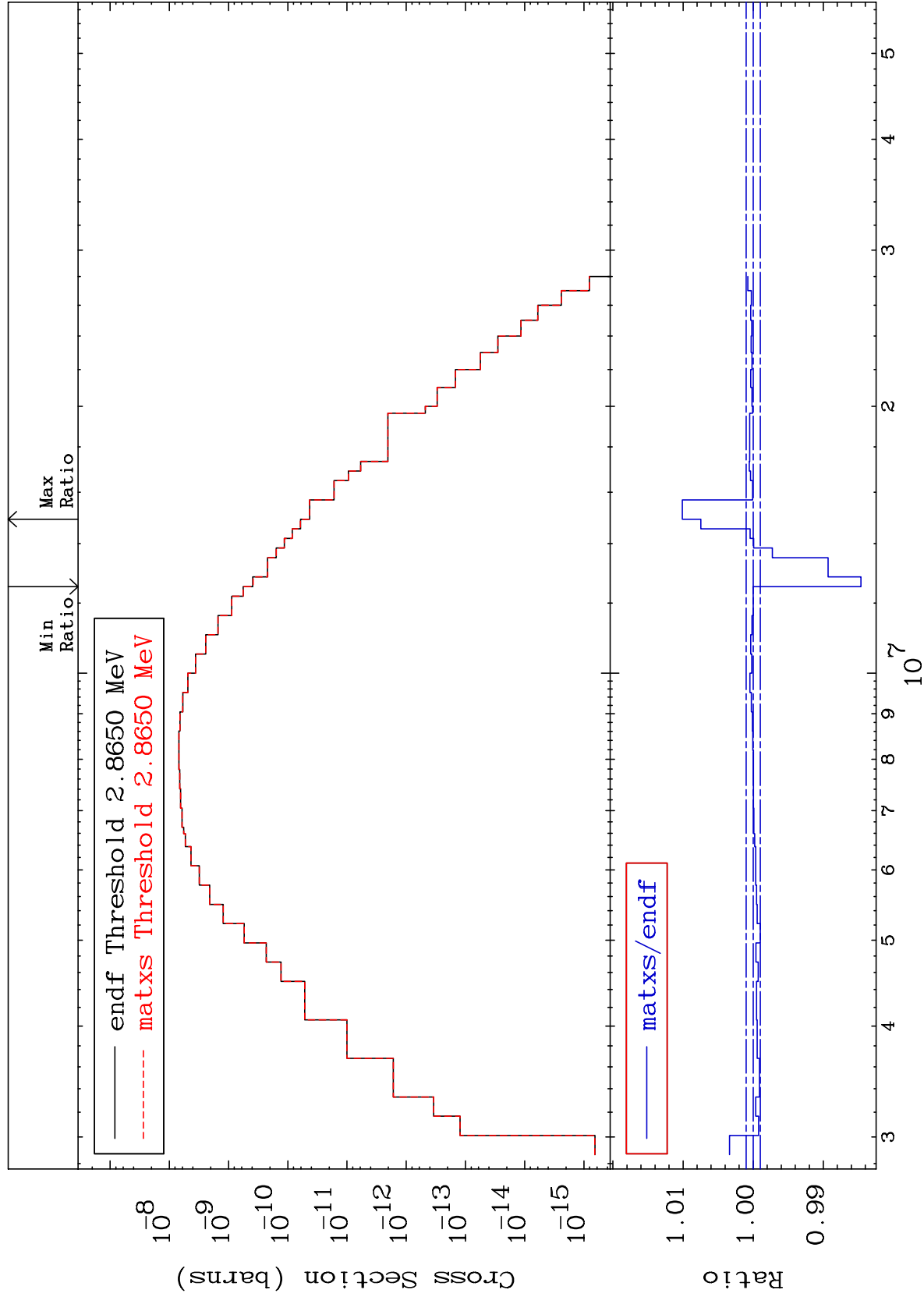
Incident Energy (eV)

$^{74}\text{W}$  -182

MAT 7431

16.26 keV (n,p') Level  
Cross Section

<sup>74</sup>W -182  
-1.537 To 1.010 %



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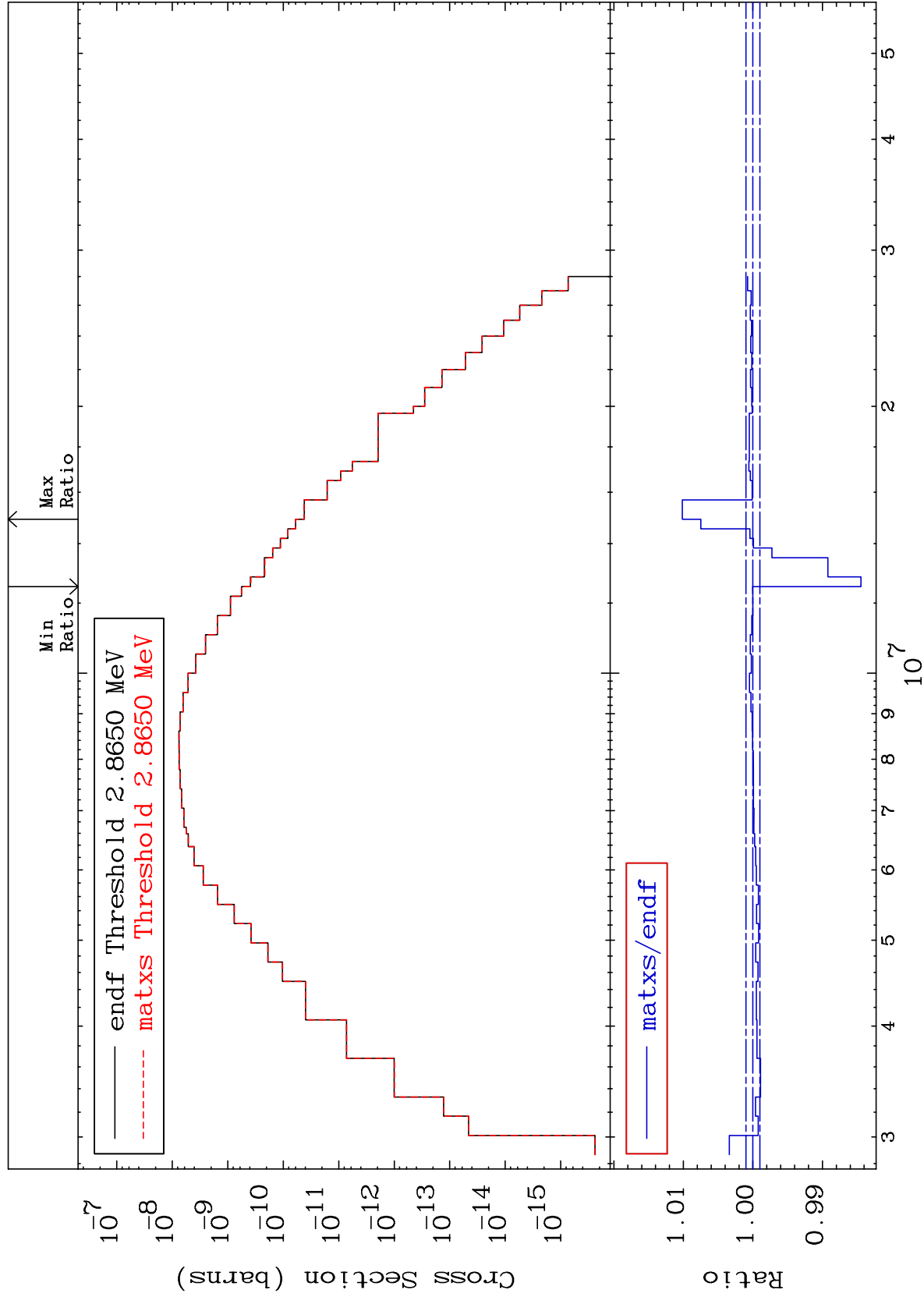
Incident Energy (eV)

<sup>74</sup>W -182

MAT 7431

97.83 keV (n,p') Level  
Cross Section

$^{74}\text{W}$  -182  
-1.554 To 1.015 %



20

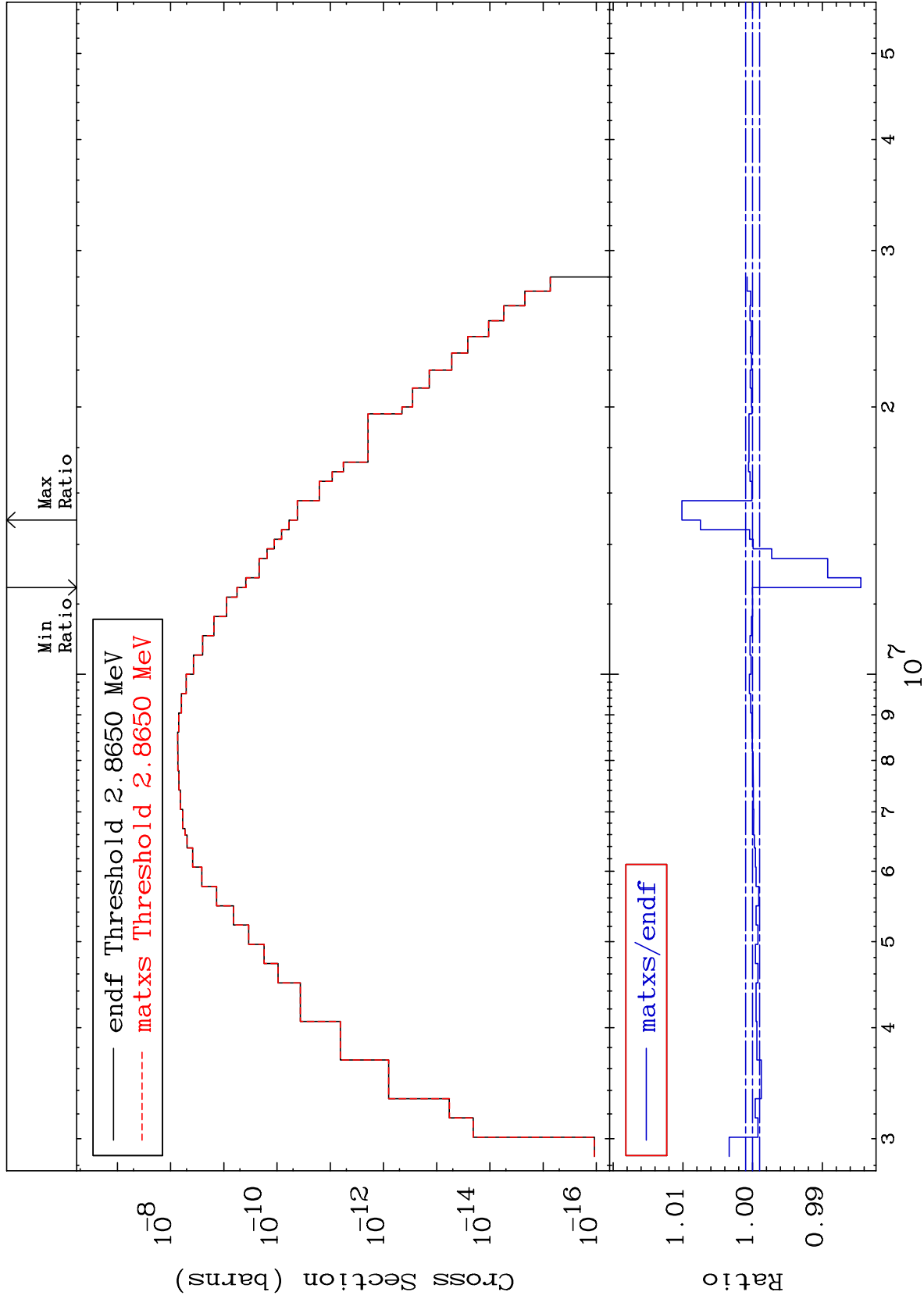
Incident Energy (eV)

$^{74}\text{W}$  -182

MAT 7431

114.3 keV (n,p') Level  
Cross Section

$^{74}\text{W}$  -182  
-1.552 To 1.014 %



21

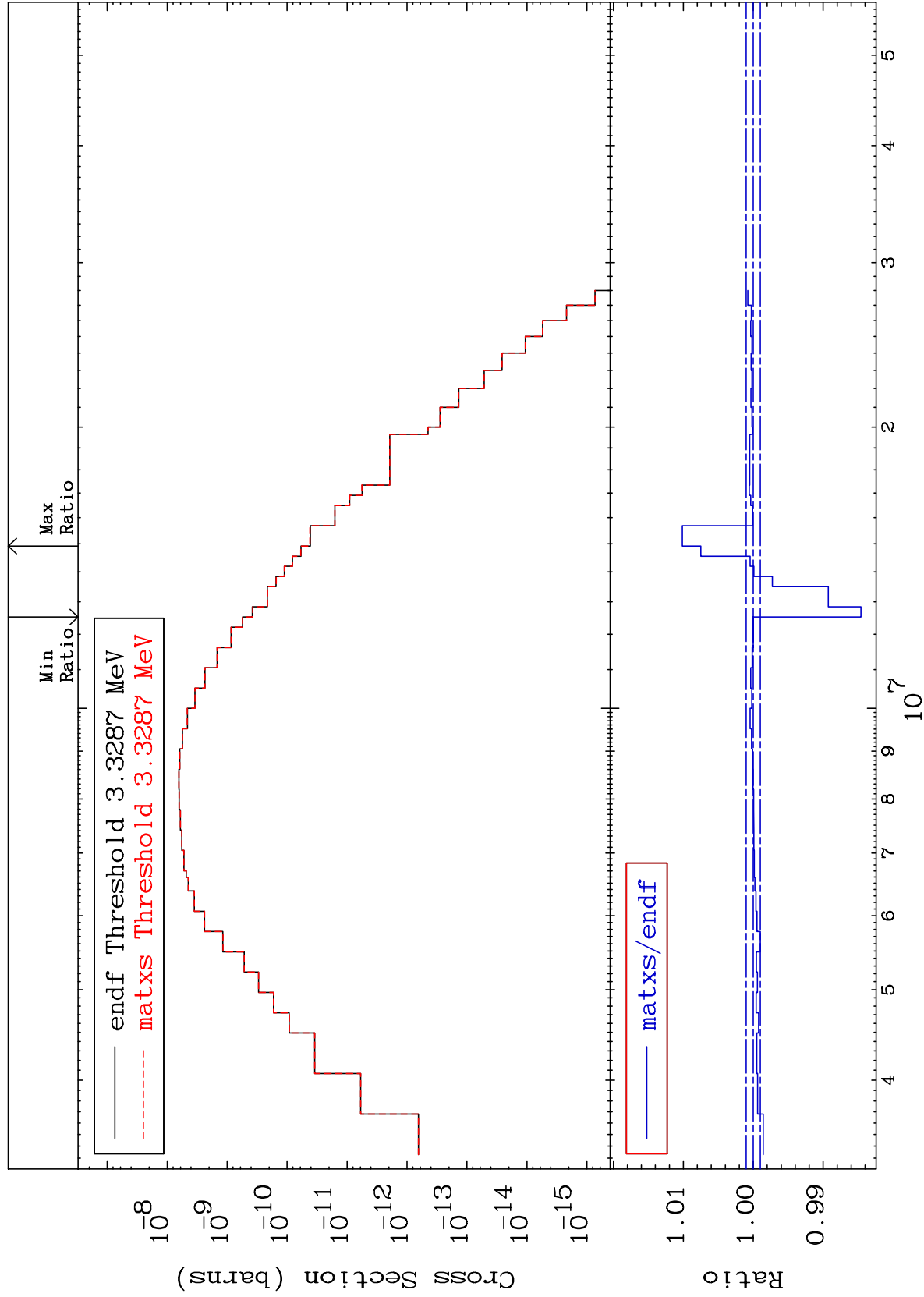
Incident Energy (eV)

$^{74}\text{W}$  -182

MAT 7431

150.1 keV (n,p') Level  
Cross Section

74-W -182  
-1.540 To 1.014 %



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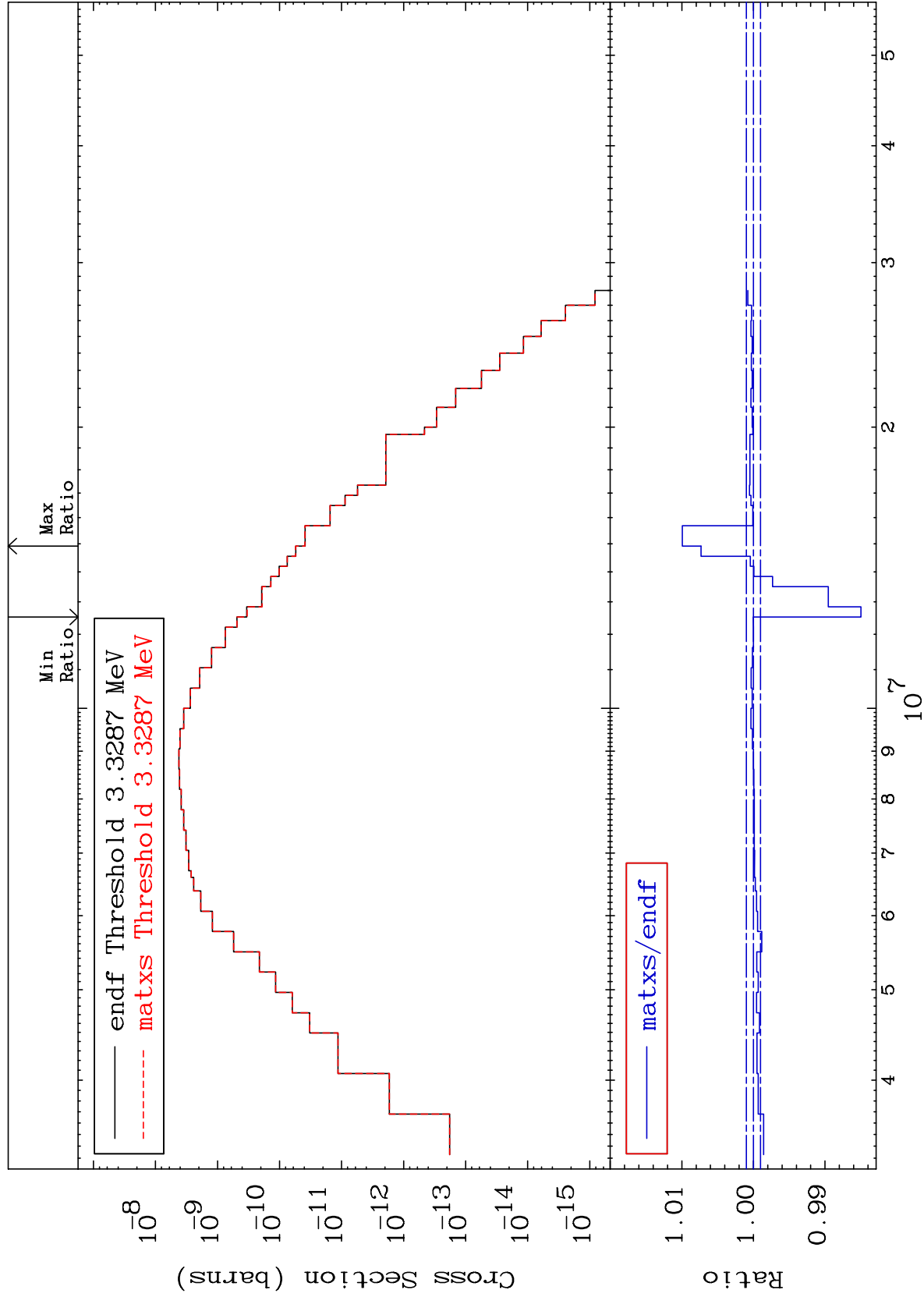
Incident Energy (eV)

74-W -182

MAT 7431

163.0 keV (n,p') Level  
Cross Section

74-W -182  
-1.502 To 0.993 %

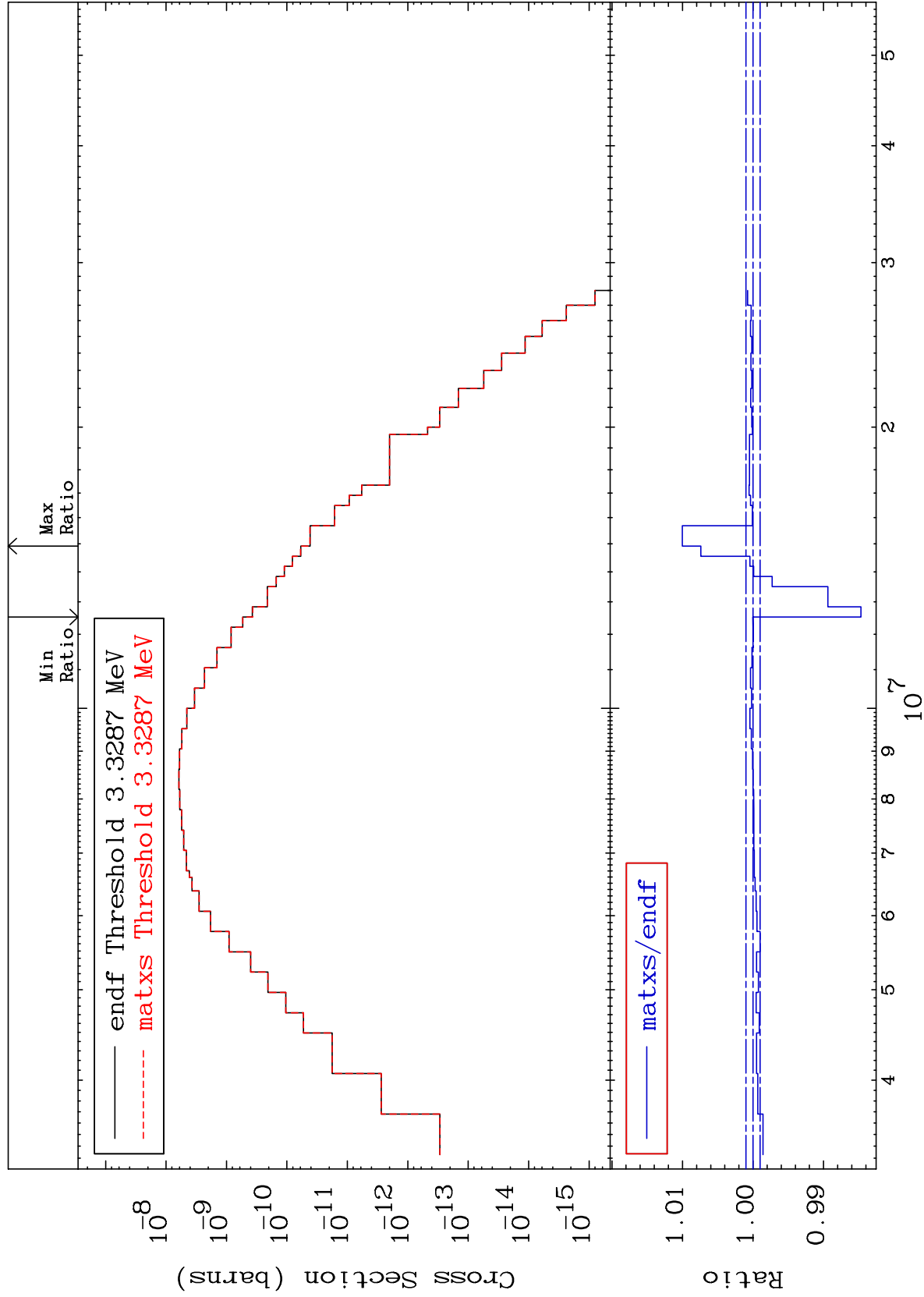




MAT 7431

173.2 keV (n,p') Level  
Cross Section

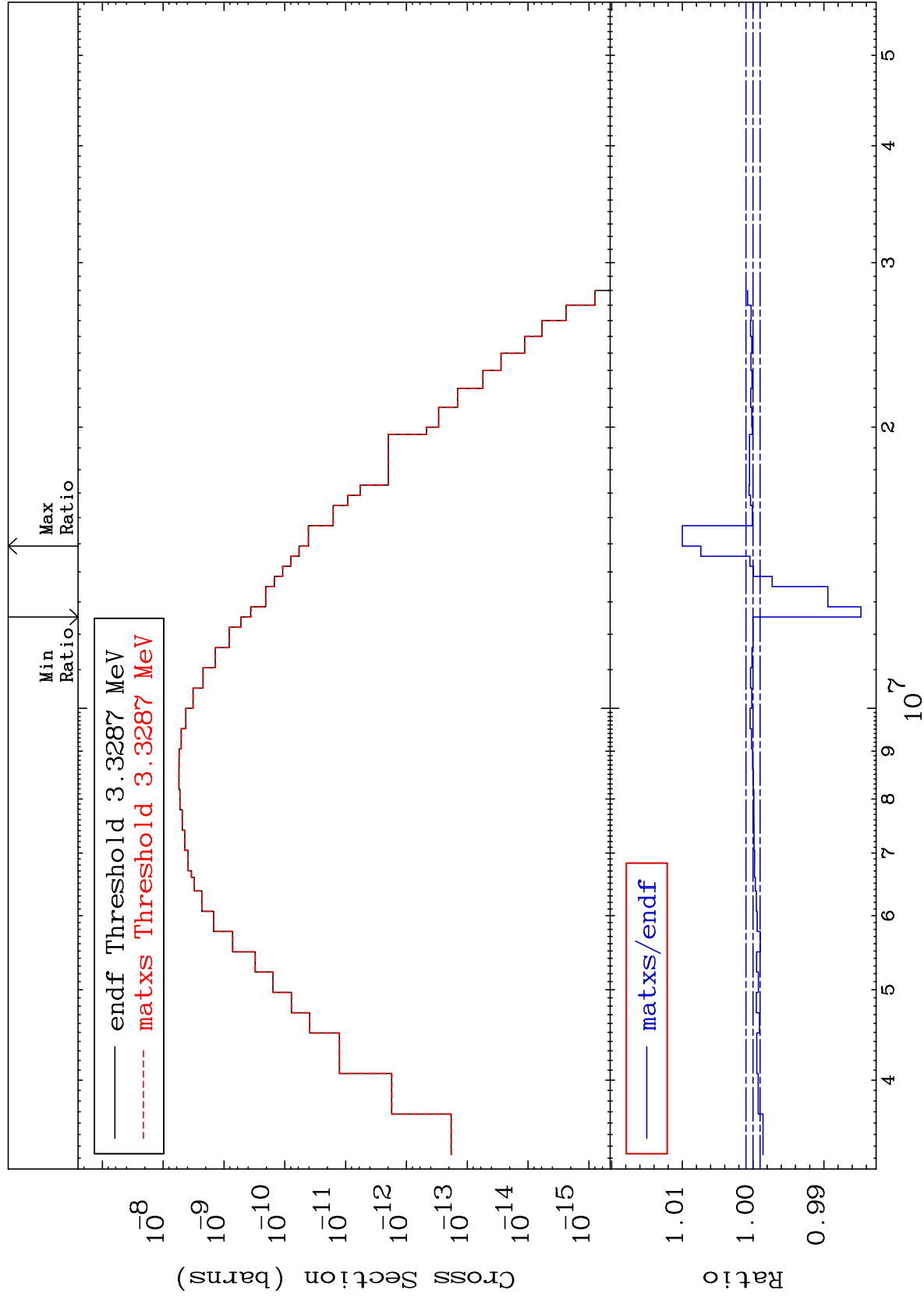
74-W -182  
-1.530 To 1.002 %



MAT 7431

237.3 keV (n,p') Level  
Cross Section

74-W -182  
-1.524 To 0.999 %



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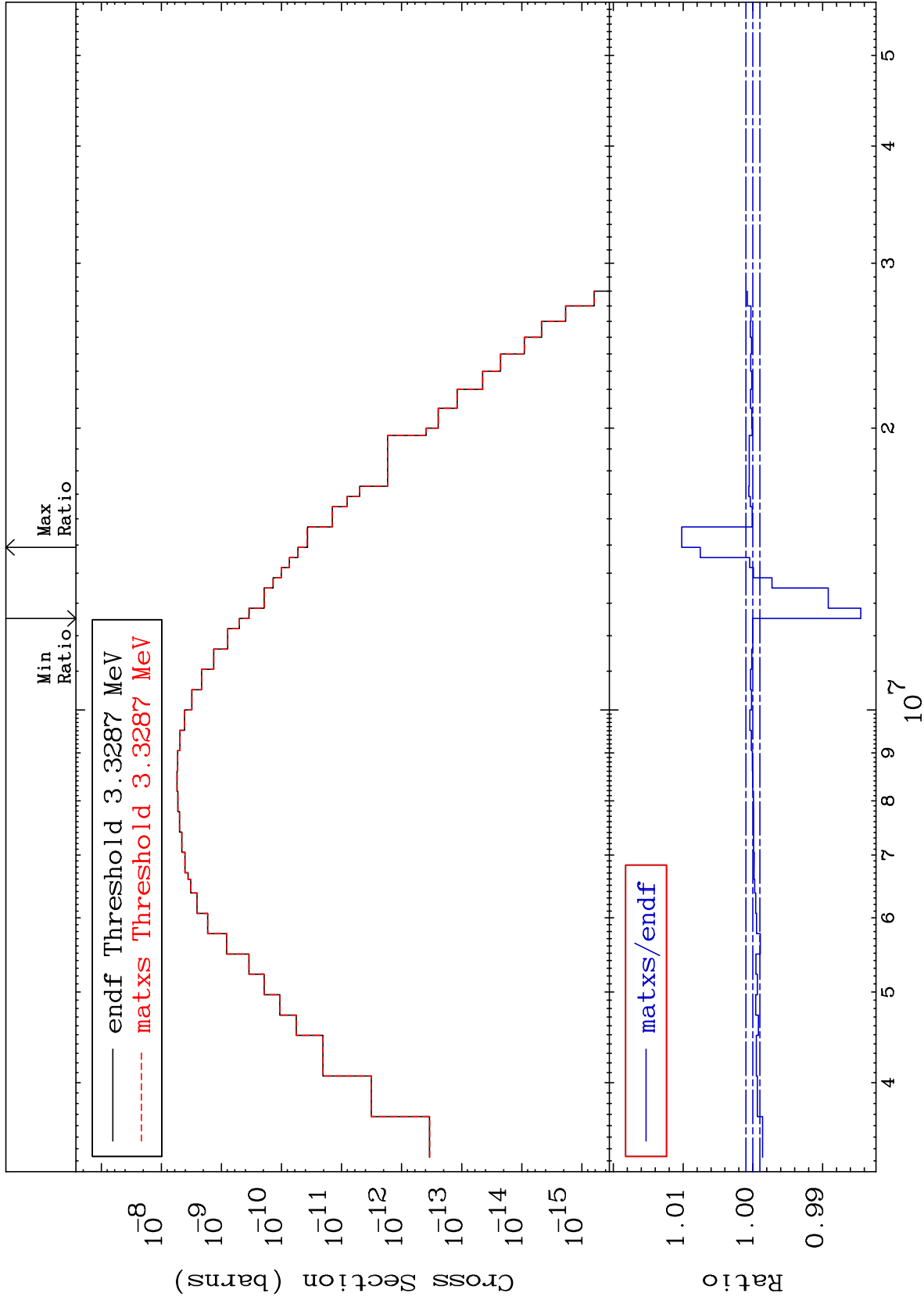
Incident Energy (eV)

74-W -182

MAT 7431

250.0 keV (n,p') Level  
Cross Section

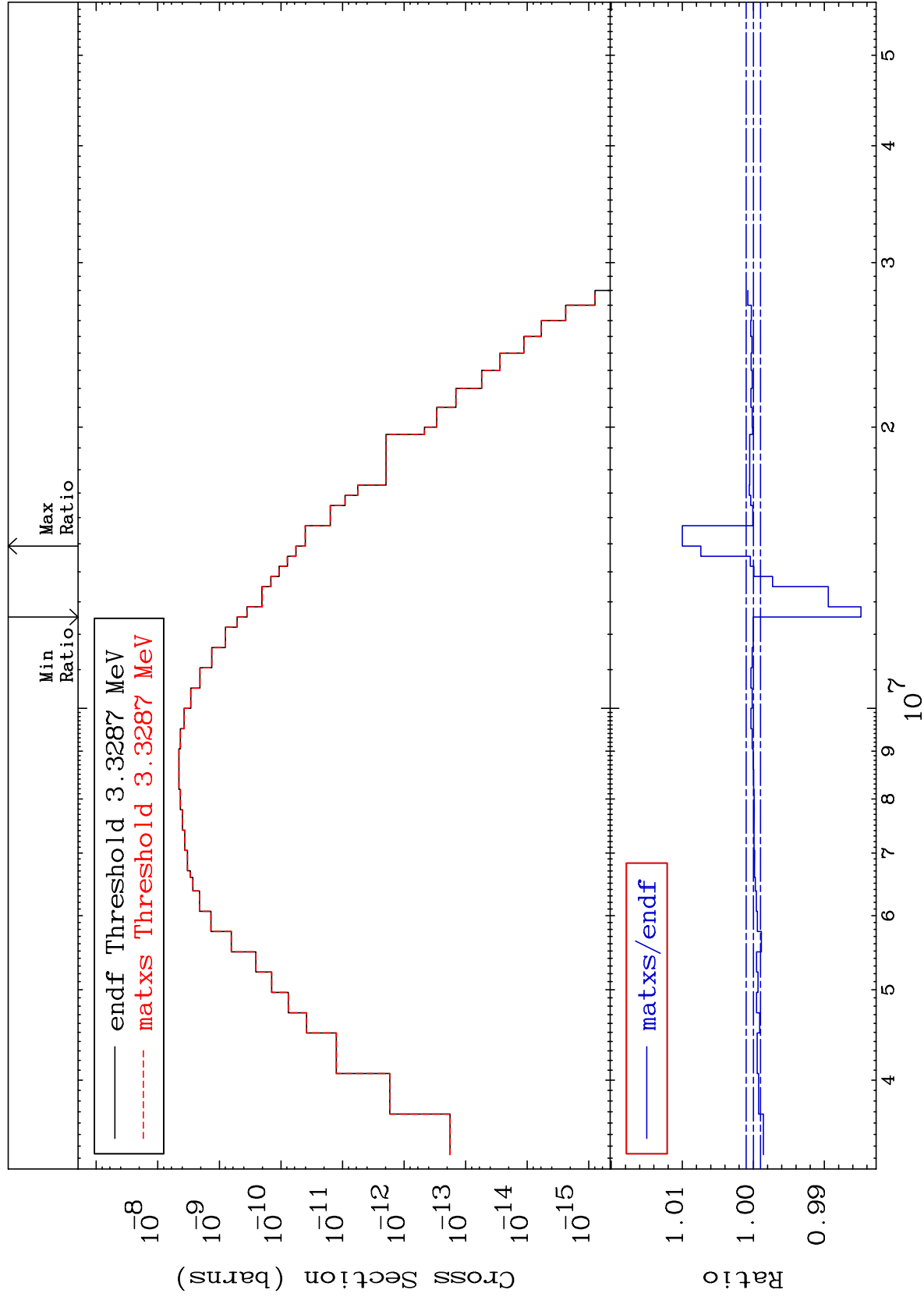
74-W -182  
-1.548 To 1.020 %



MAT 7431

269.0 keV (n,p') Level  
Cross Section

74-W -182  
-1.514 To 0.999 %



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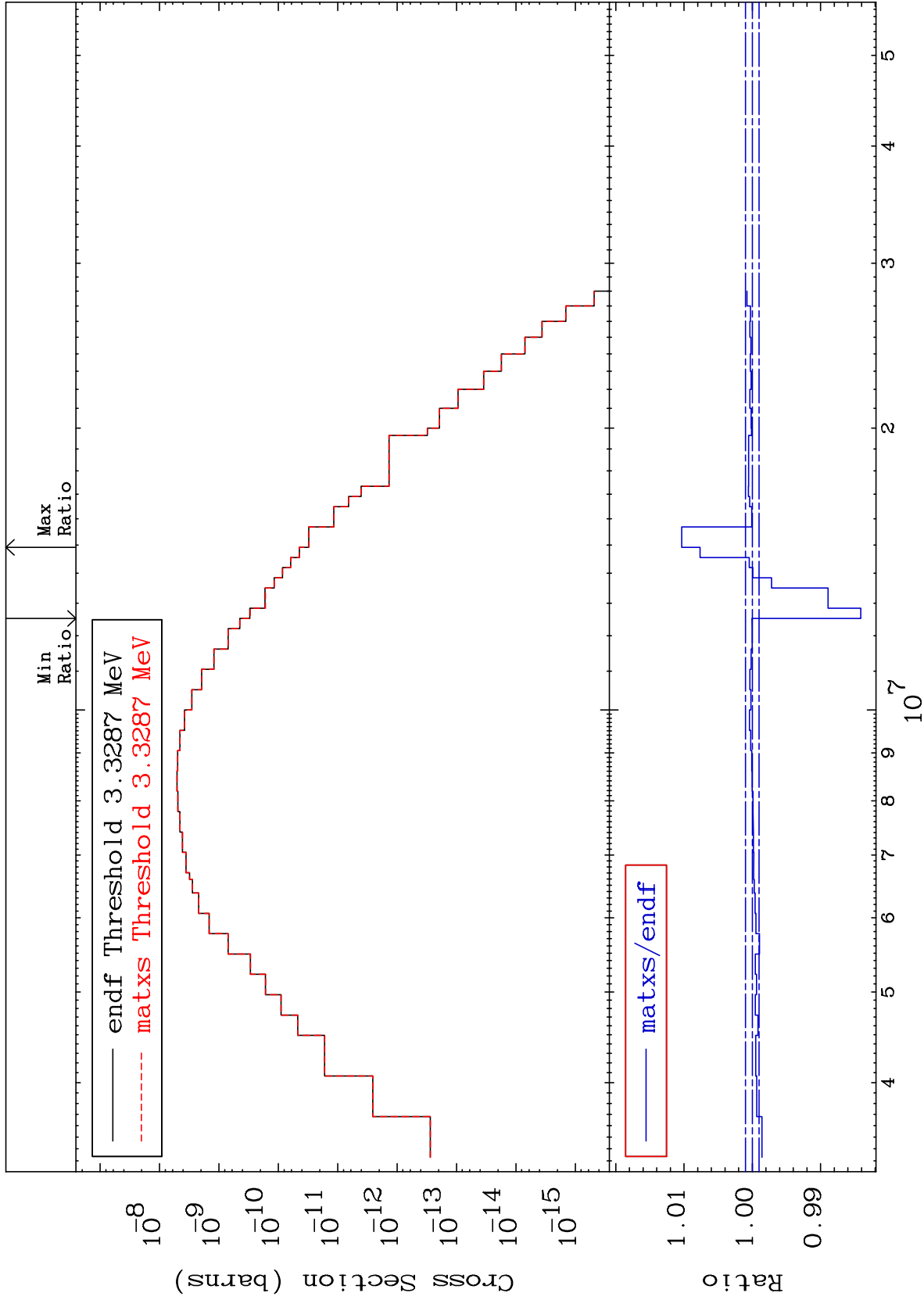
Incident Energy (eV)

74-W -182

MAT 7431

270.4 keV (n,p') Level  
Cross Section

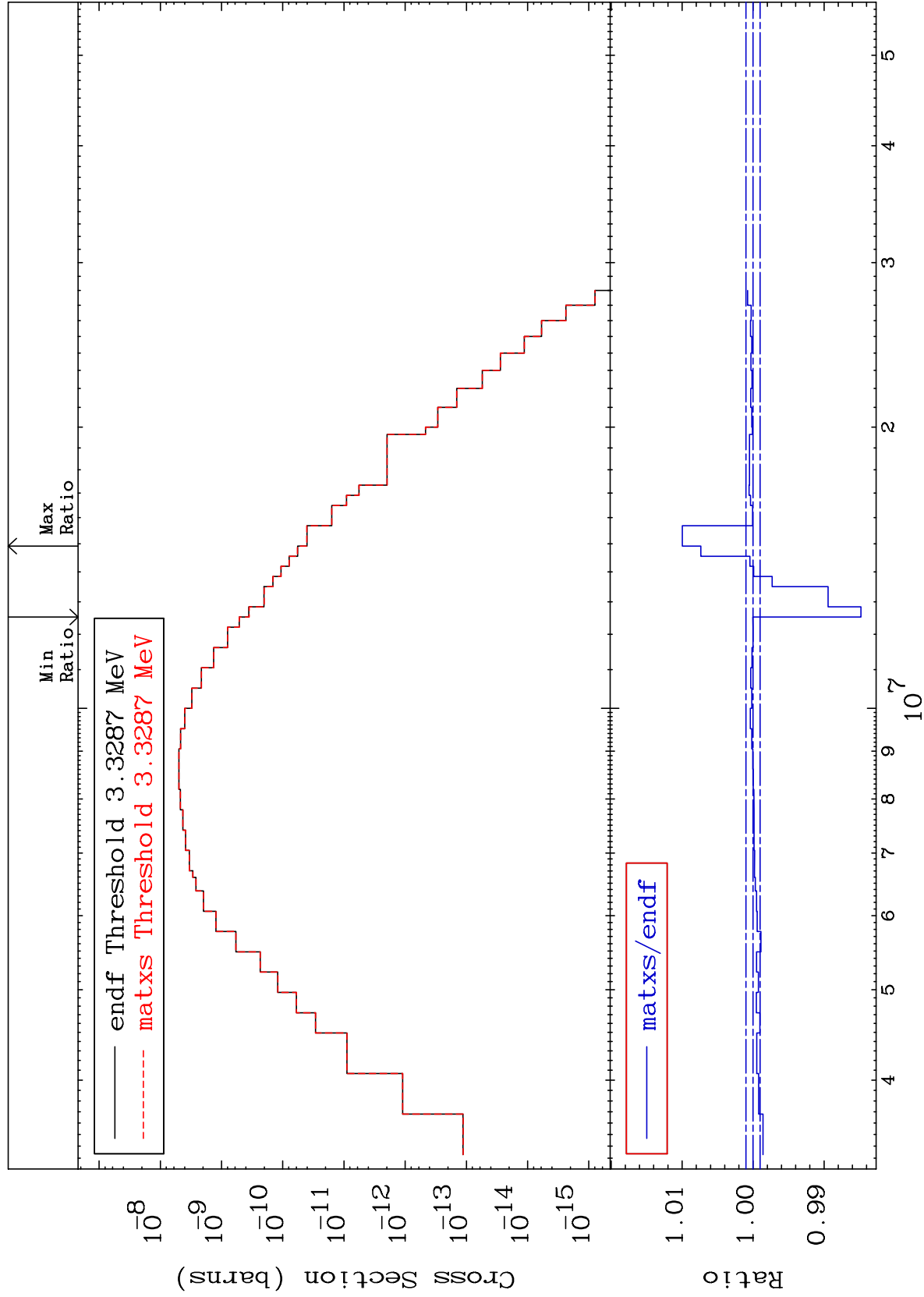
74-W -182  
-1.589 To 1.033 %



MAT 7431

292.9 keV (n,p') Level  
Cross Section

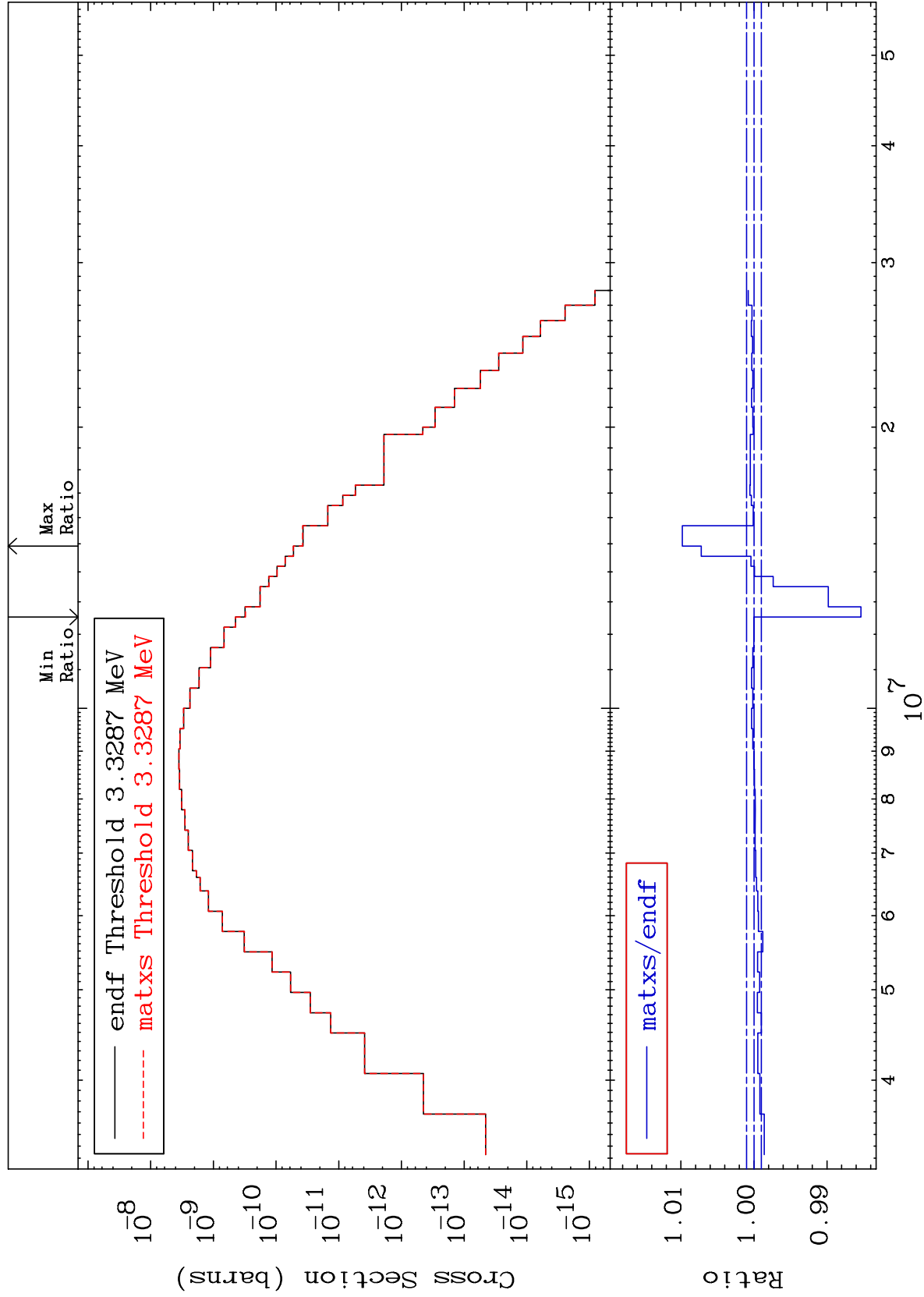
74-W -182  
-1.520 To 0.996 %



MAT 7431

316.4 keV (n,p') Level  
Cross Section

74-W -182  
-1.465 To 0.981 %



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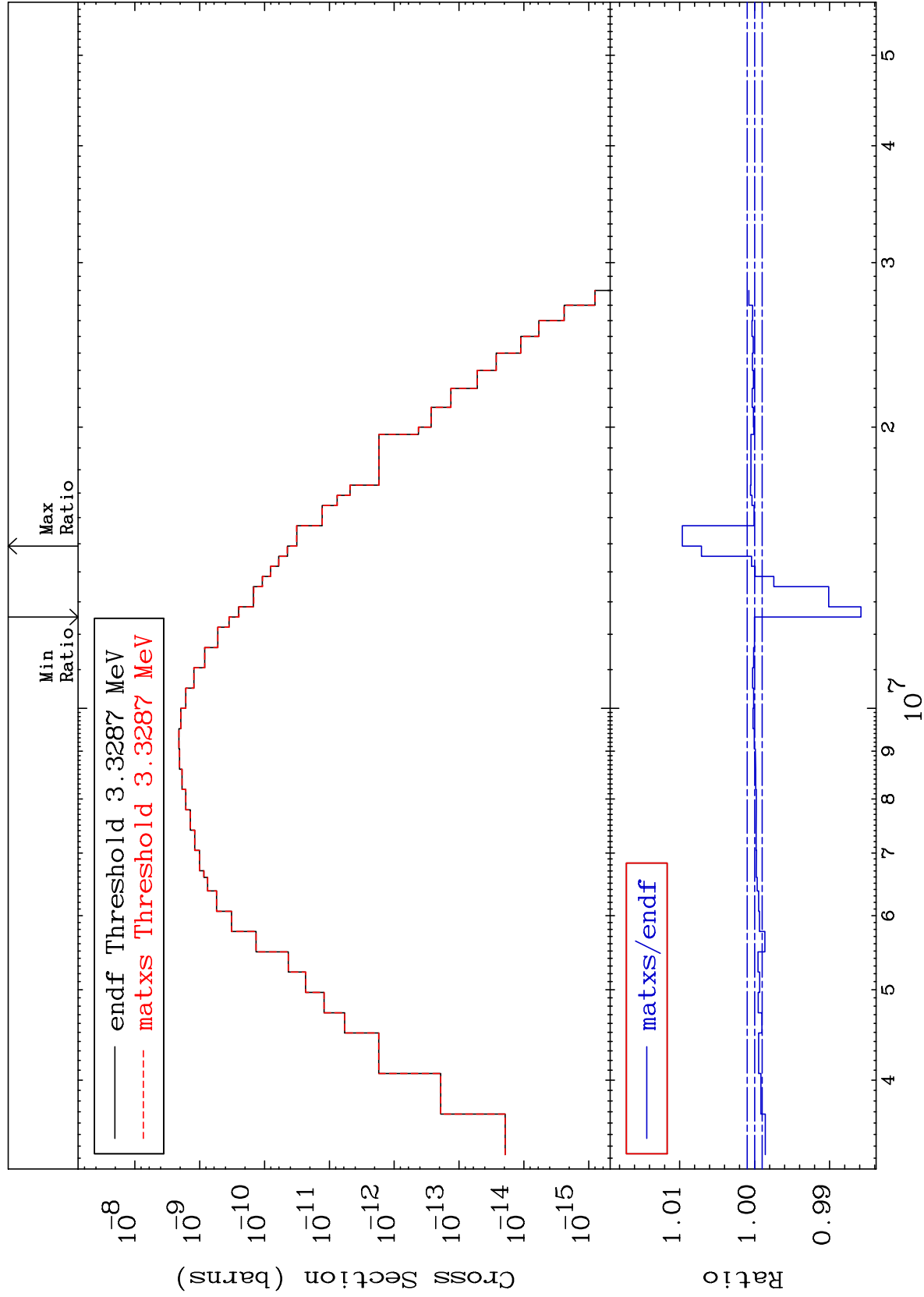
Incident Energy (eV)

74-W -182

MAT 7431

334.6 keV (n,p') Level  
Cross Section

74-W -182  
-1.417 To 0.963 %

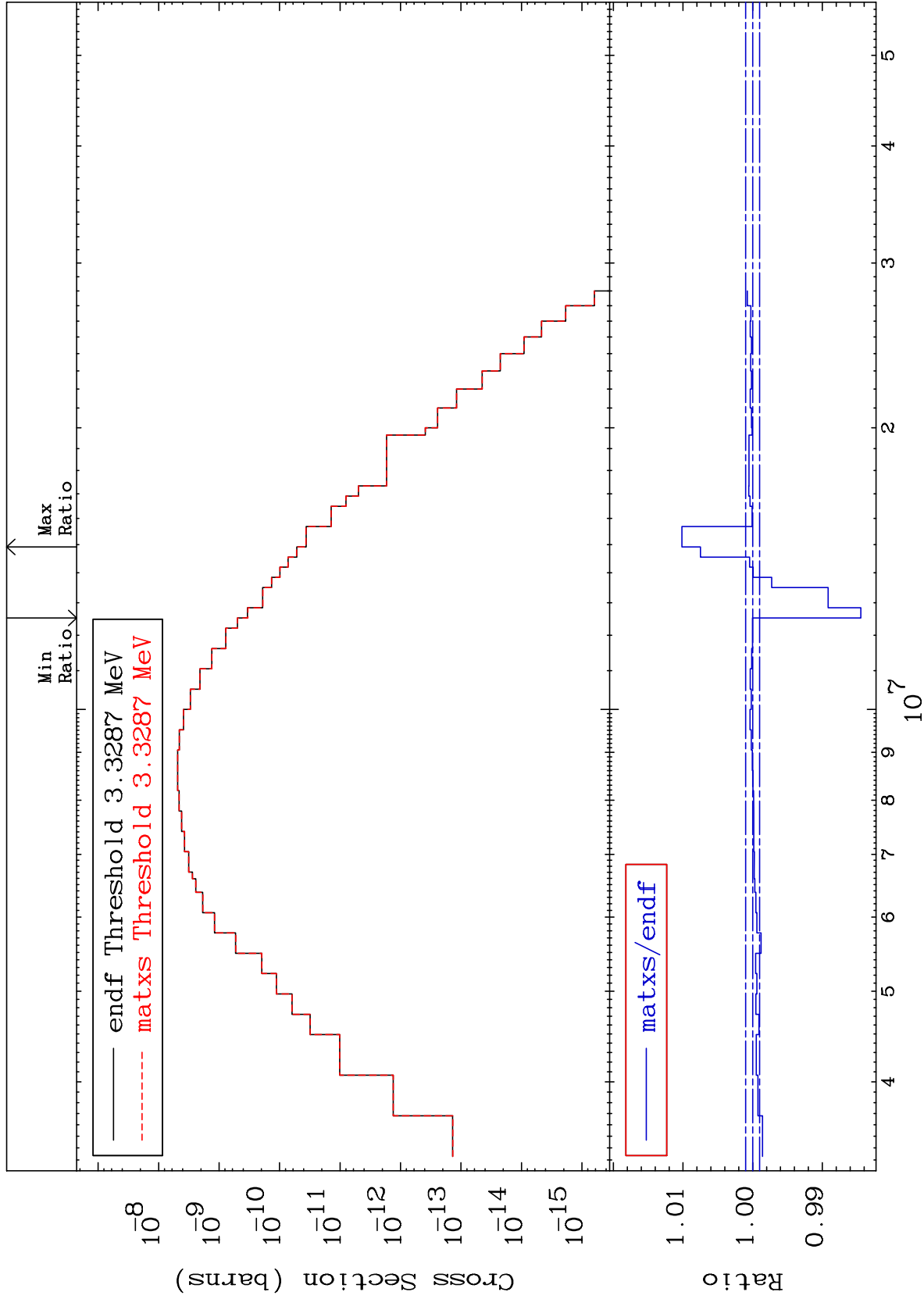




MAT 7431

360.5 keV (n,p') Level  
Cross Section

74-W -182  
-1.553 To 1.016 %



32

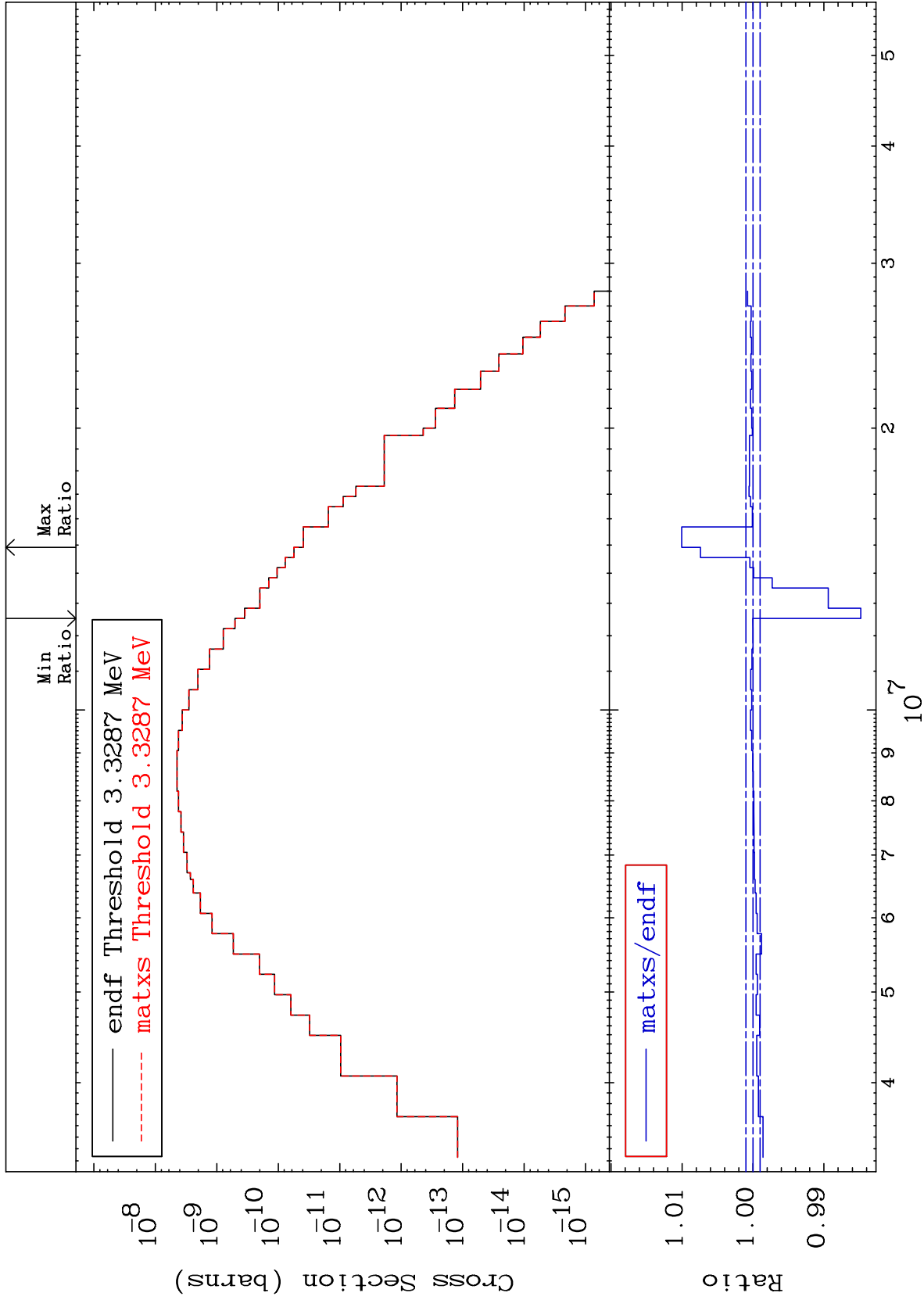
Incident Energy (eV)

74-W -182

MAT 7431

364.4 keV (n,p') Level  
Cross Section

74-W -182  
-1.519 To 1.004 %



33

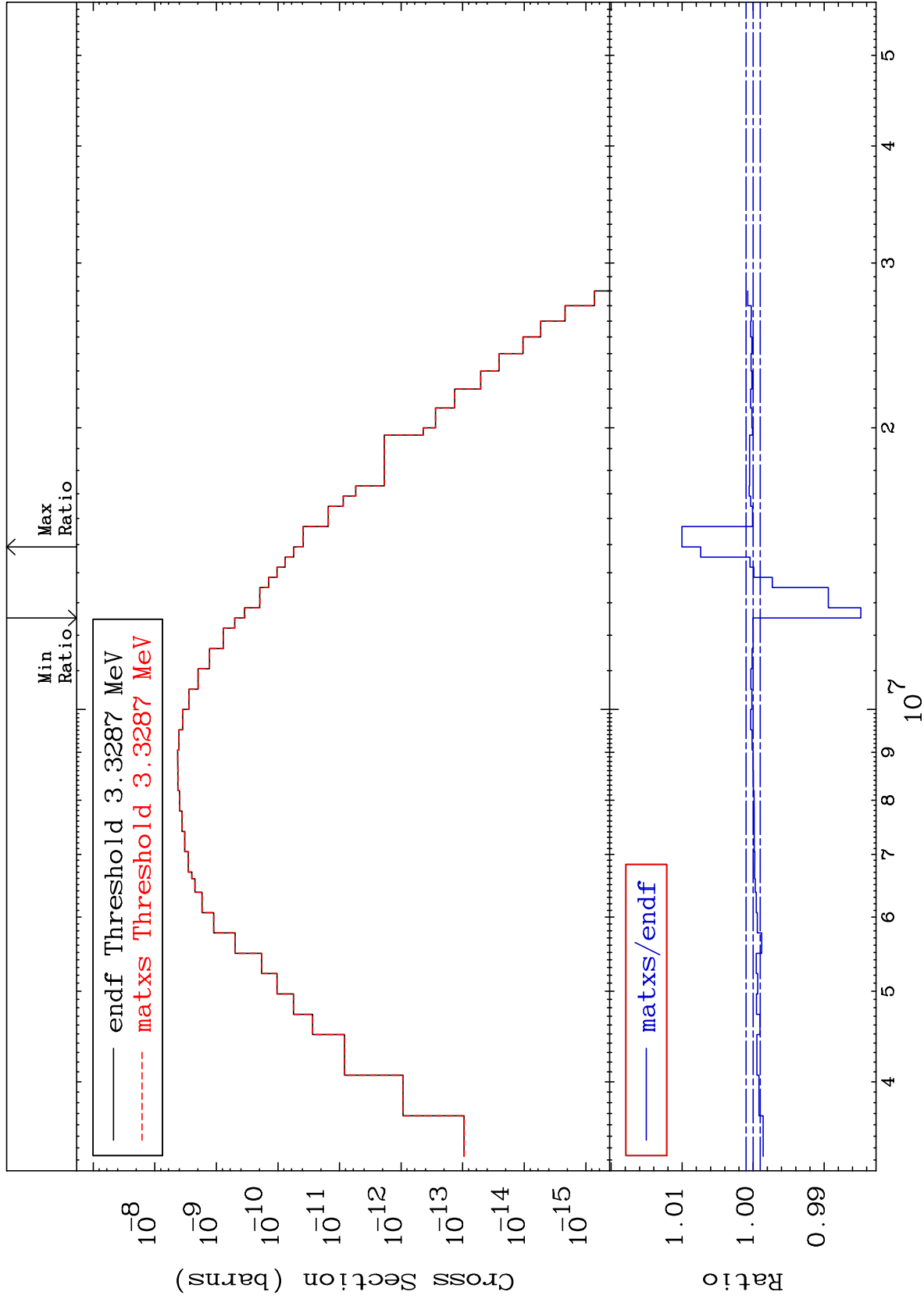
Incident Energy (eV)

74-W -182

MAT 7431

390.1 keV (n,p') Level  
Cross Section

74-W -182  
-1.517 To 1.003 %



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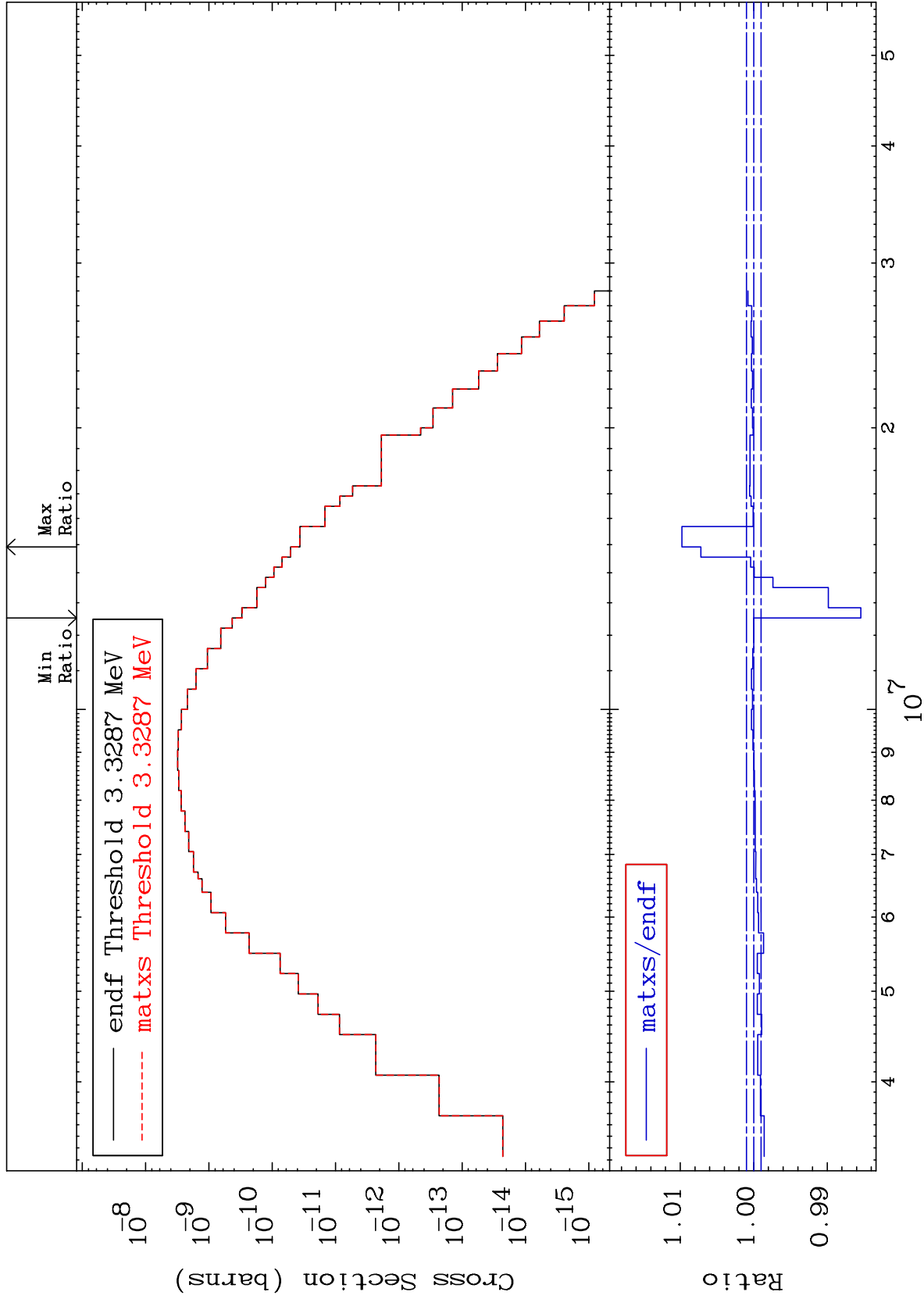
Incident Energy (eV)

74-W -182

MAT 7431

396.3 keV (n,p') Level  
Cross Section

74-W -182  
-1.457 To 0.977 %



35

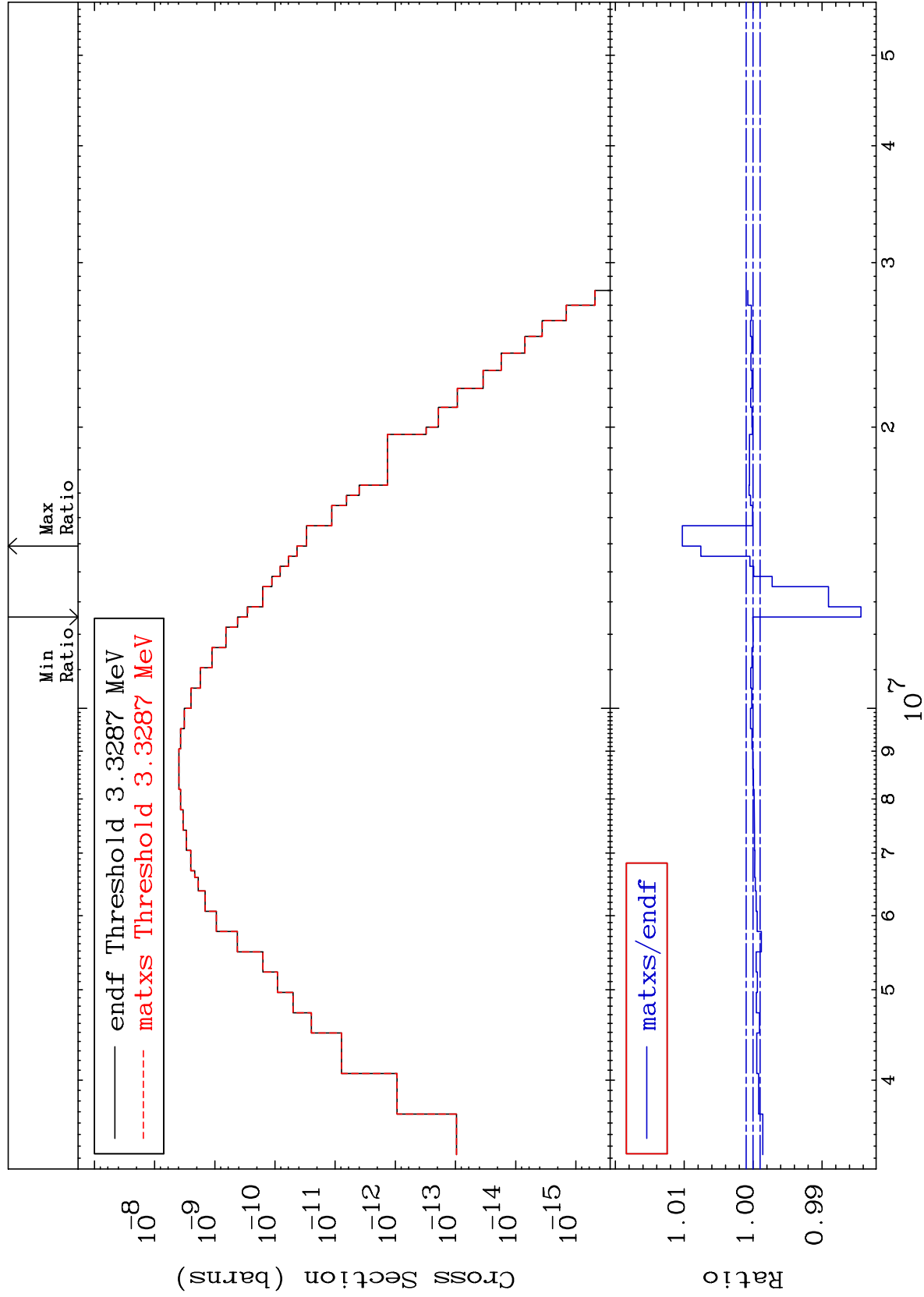
Incident Energy (eV)

74-W -182

MAT 7431

402.6 keV (n,p') Level  
Cross Section

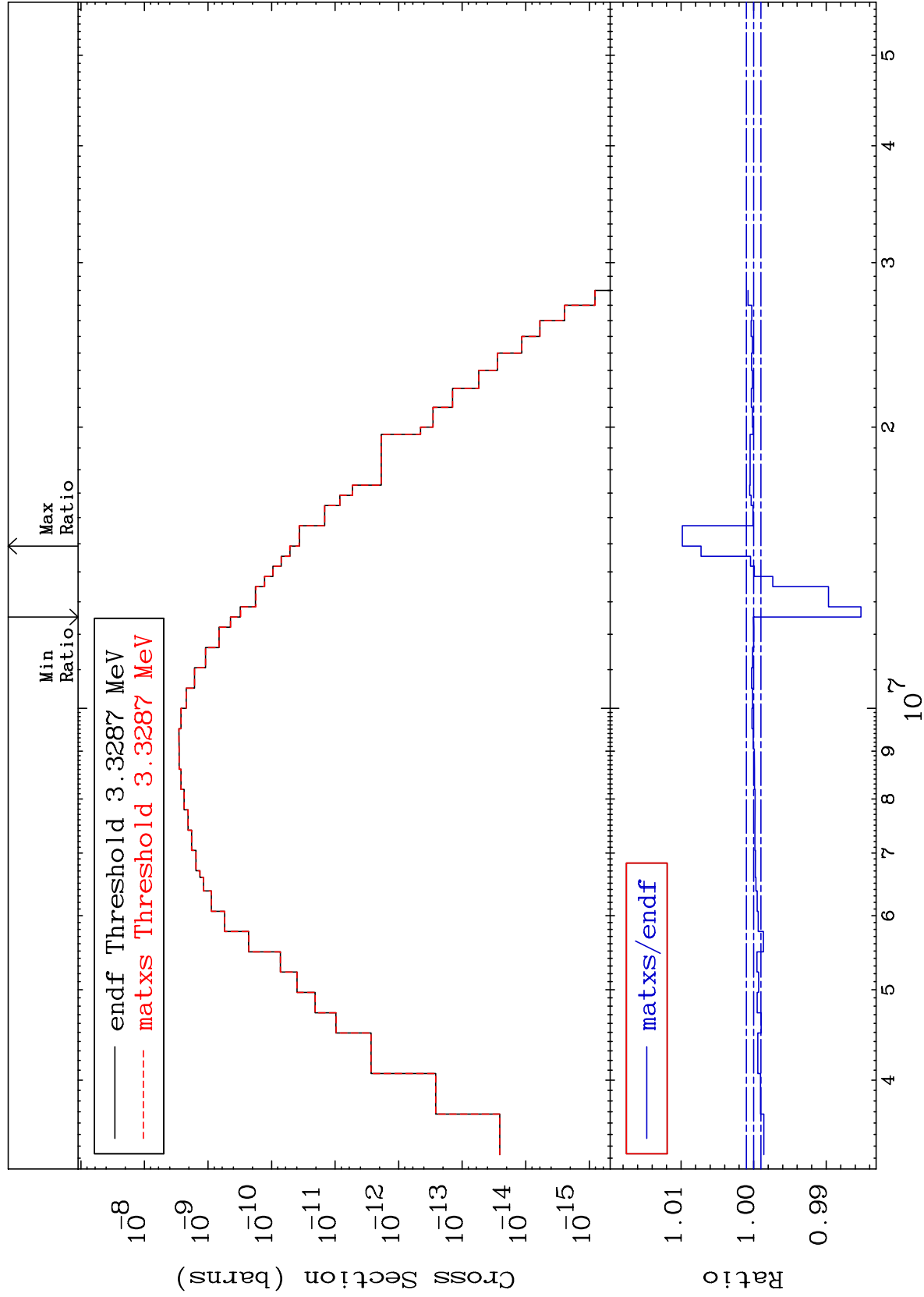
$^{74}\text{W}$  -182  
-1.566 To 1.027 %



MAT 7431

411.3 keV (n,p') Level  
Cross Section

<sup>74</sup>W -182  
-1.478 To 0.983 %



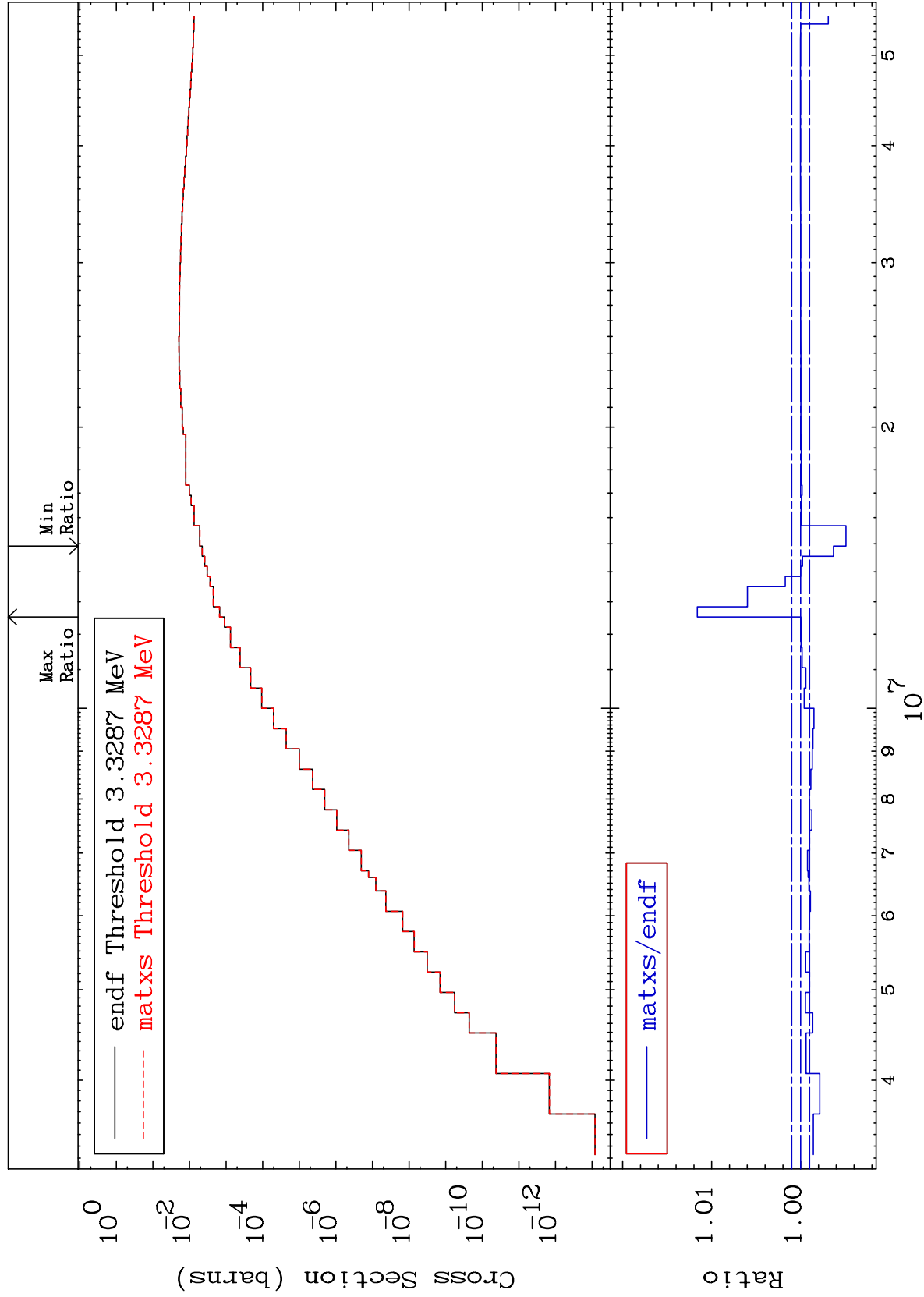
37

<sup>74</sup>W -182

MAT 7431

565.7 keV (n,p') Level  
Cross Section

74-W -182  
-0.509 To 1.161 %



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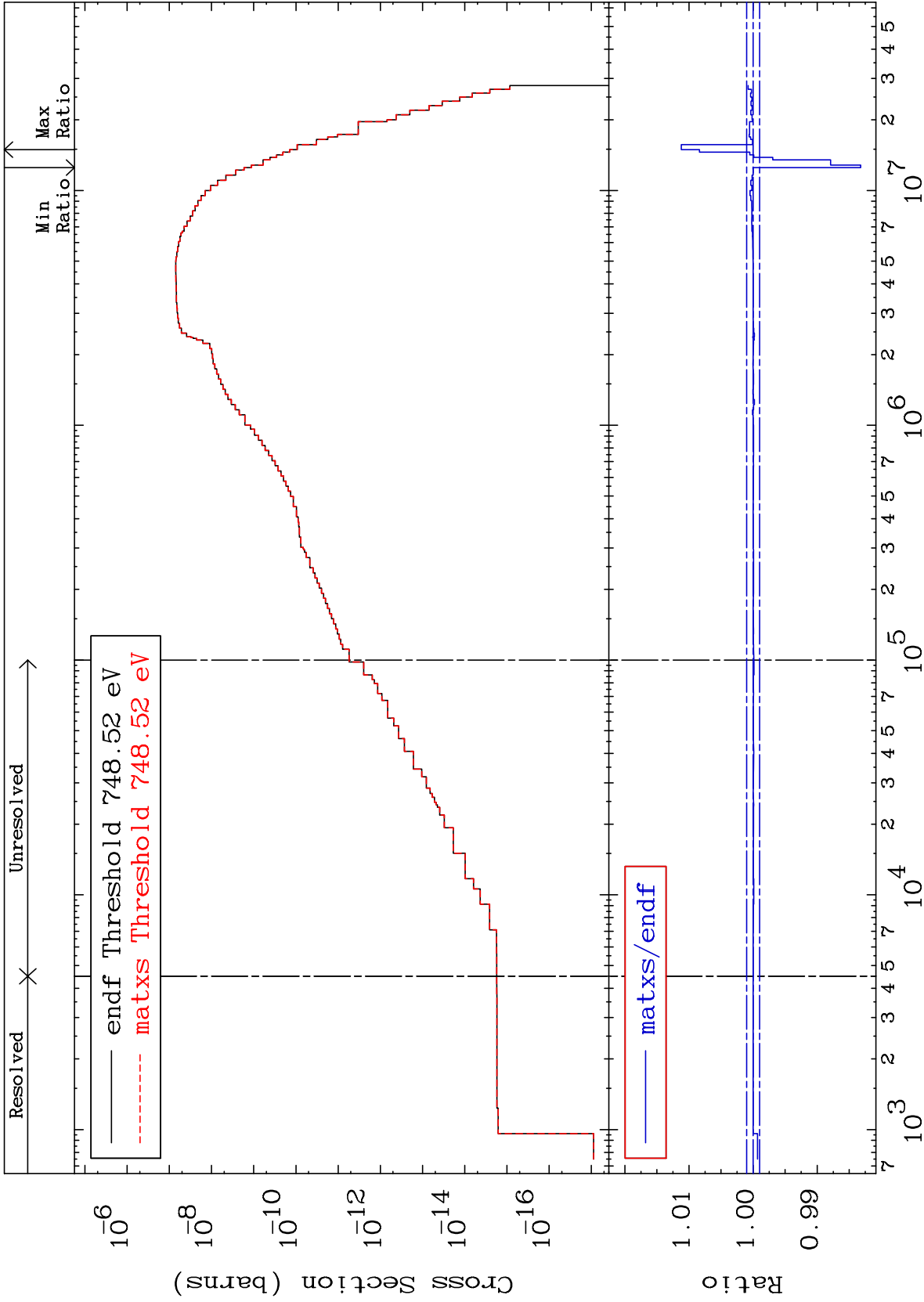
Incident Energy (eV)

74-W -182

MAT 7431

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

74-W -182  
-1.678 To 1.120 %

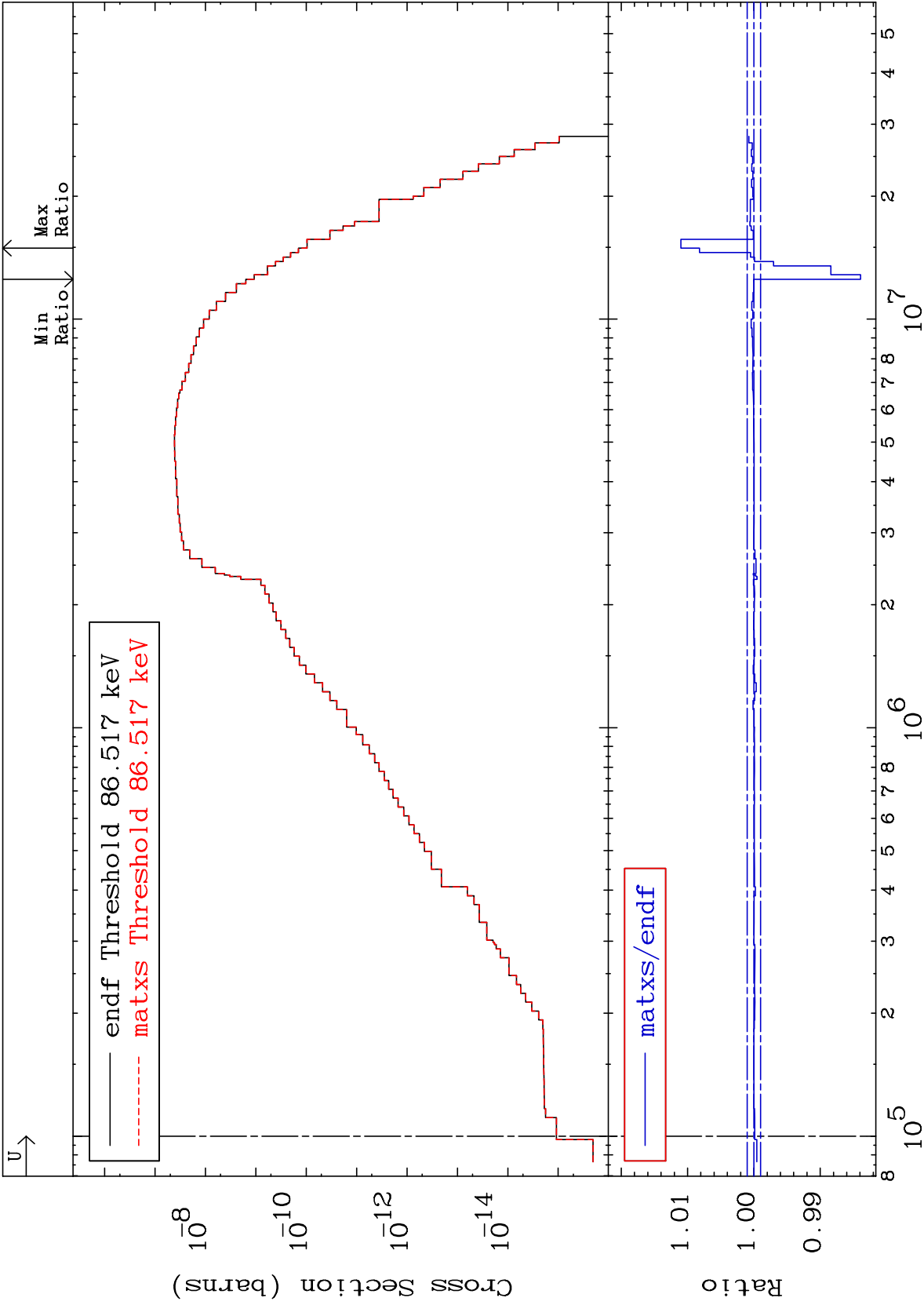




MAT 7431

122.8 keV (n,  $\alpha'$ ) Level  
Cross Section

<sup>74</sup>W -182  
-1.608 To 1.100 %



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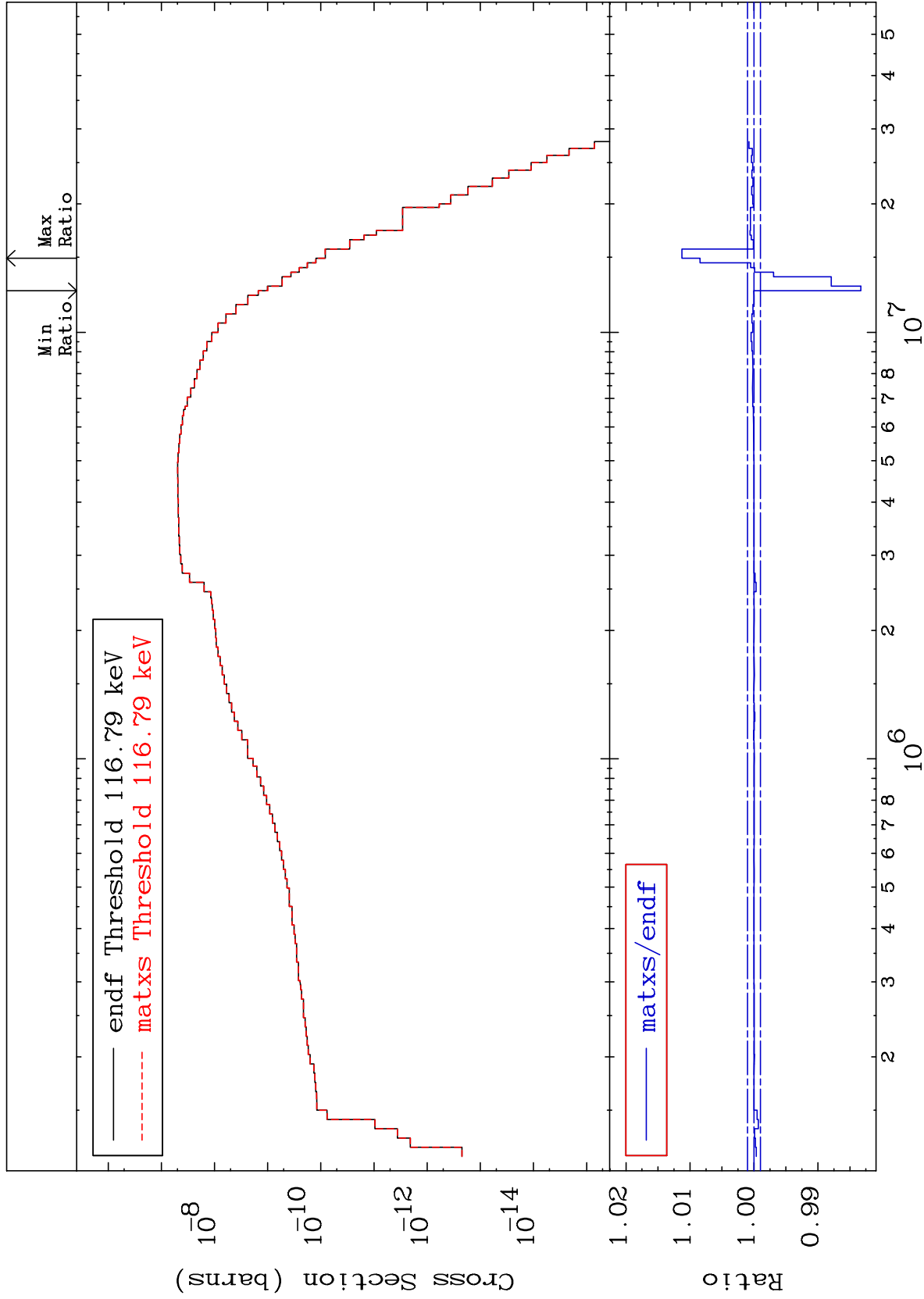
Incident Energy (eV)

<sup>74</sup>W -182

MAT 7431

214.3 keV (n,  $\alpha'$ ) Level  
Cross Section

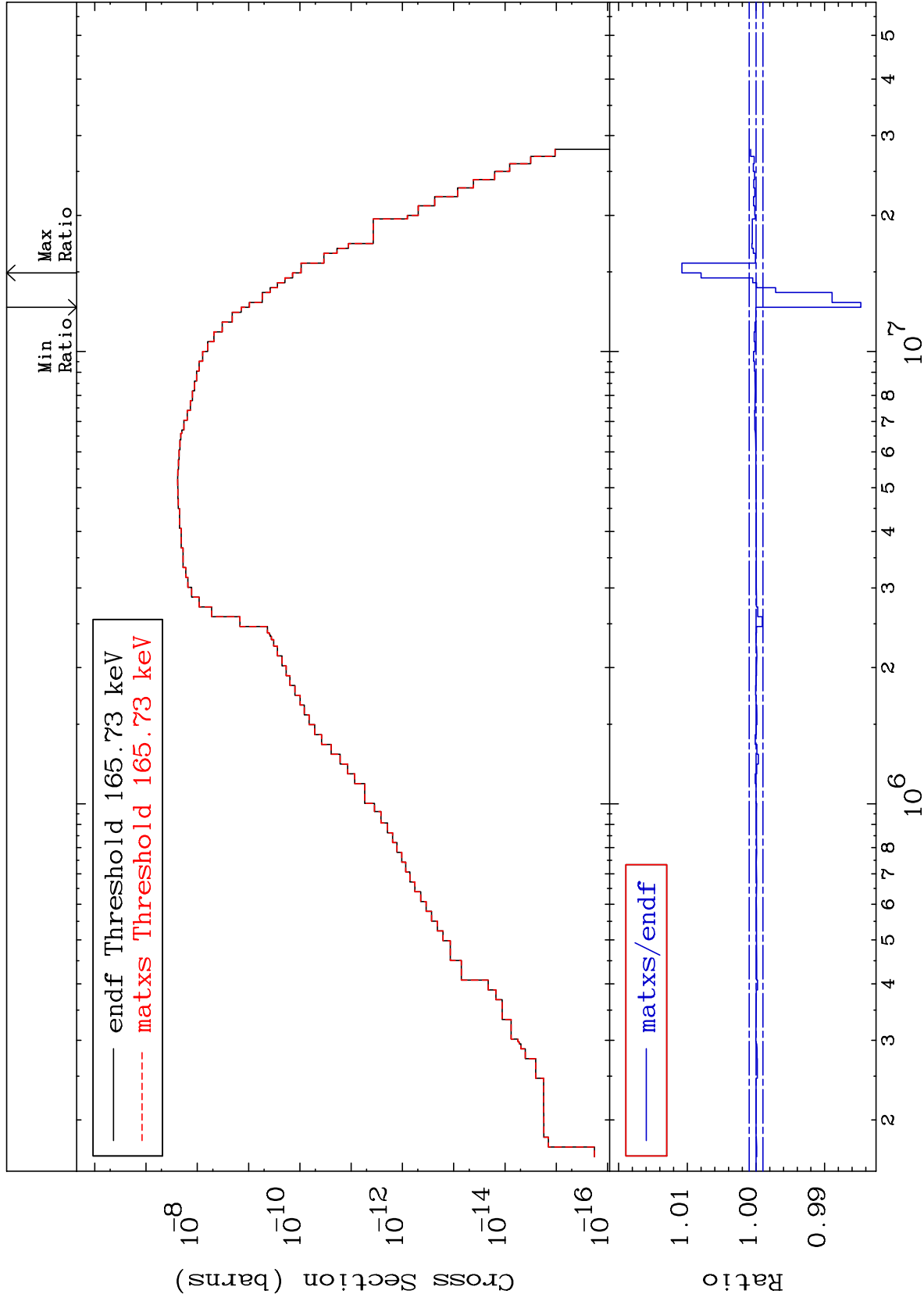
74-W -182  
-1.671 To 1.125 %



MAT 7431

268.8 keV (n,α') Level  
Cross Section

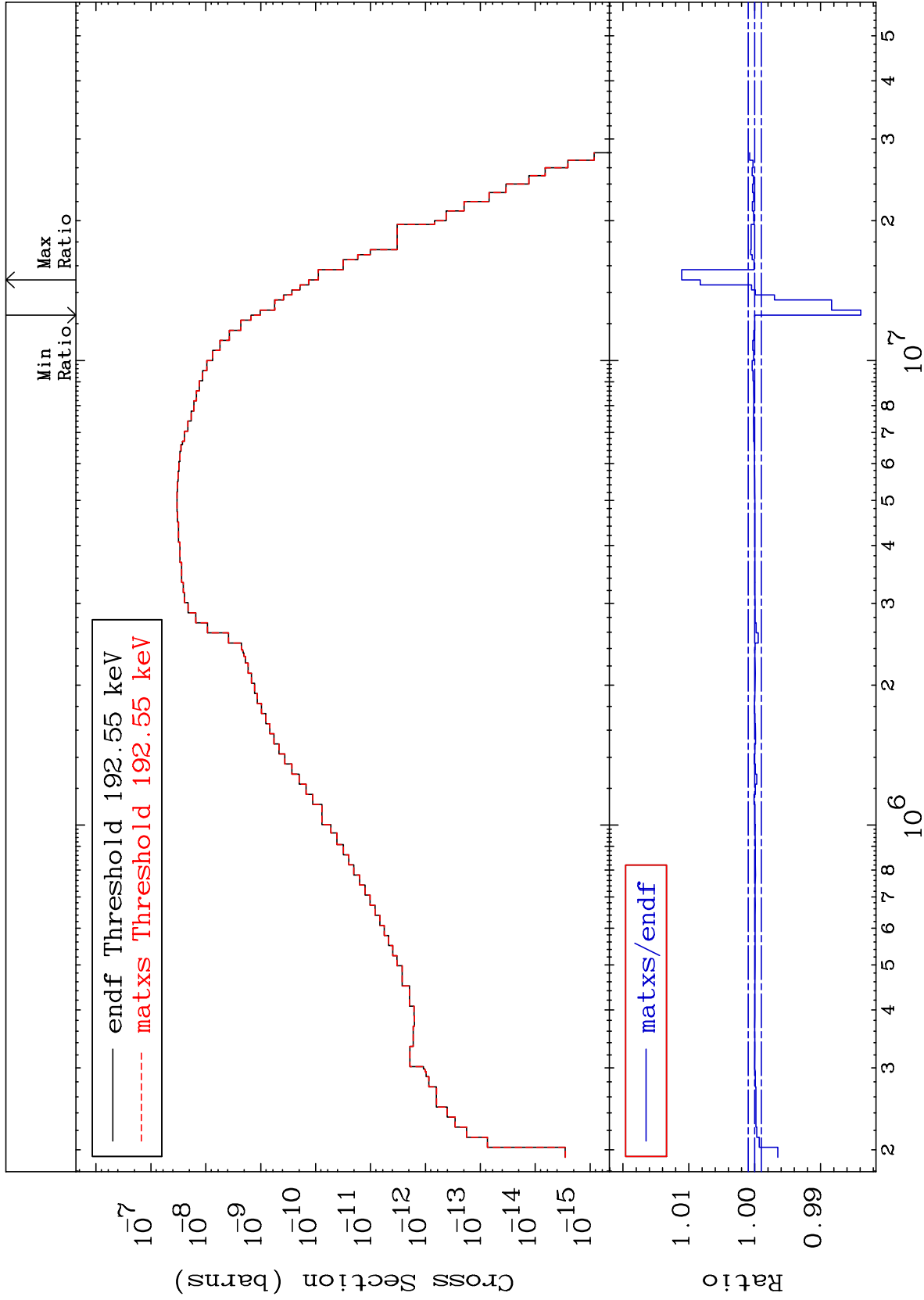
74-W -182  
-1.526 To 1.078 %



MAT 7431

337.7 keV (n,  $\alpha'$ ) Level  
Cross Section

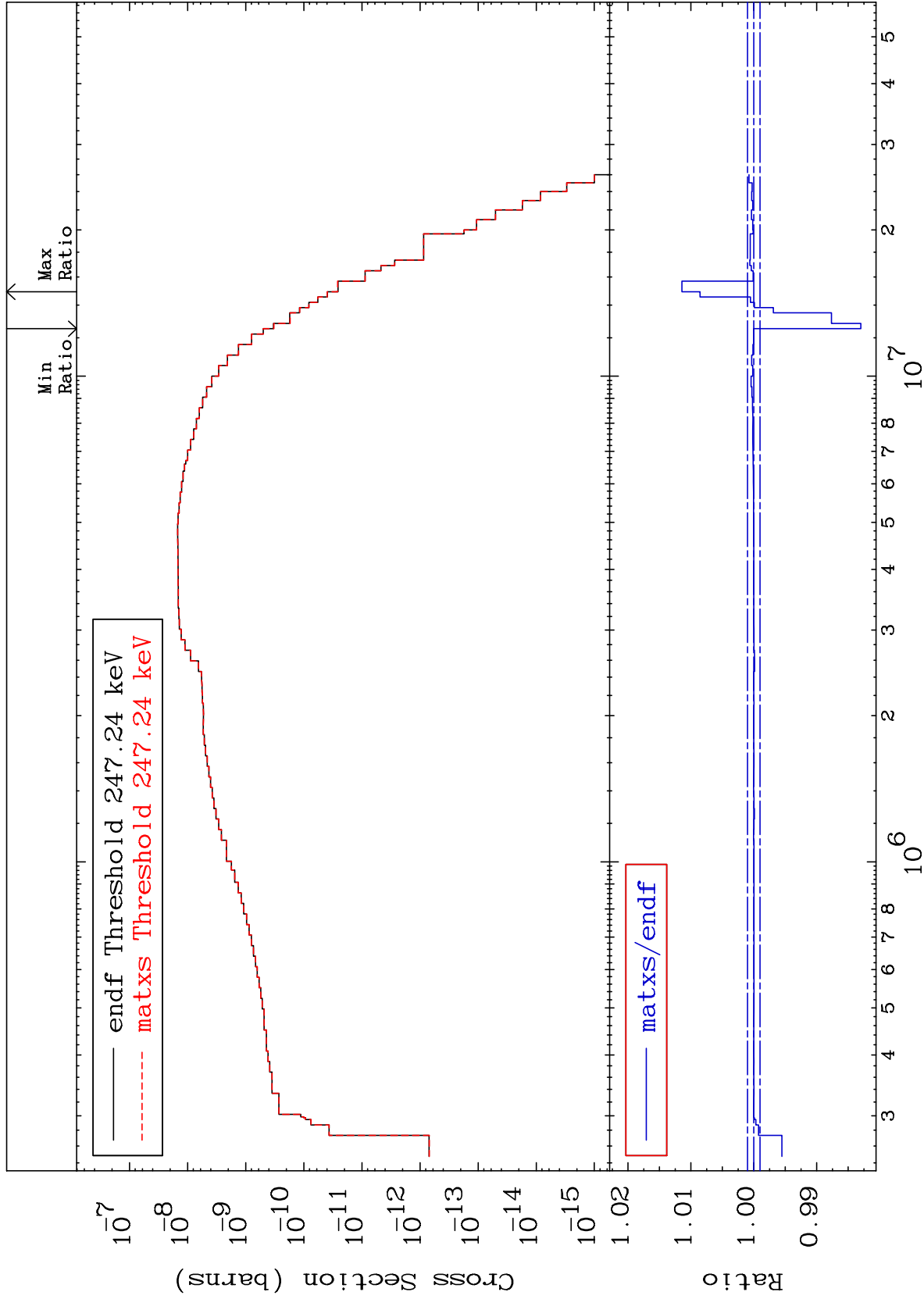
74-W -182  
-1.609 To 1.108 %



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74-W -182

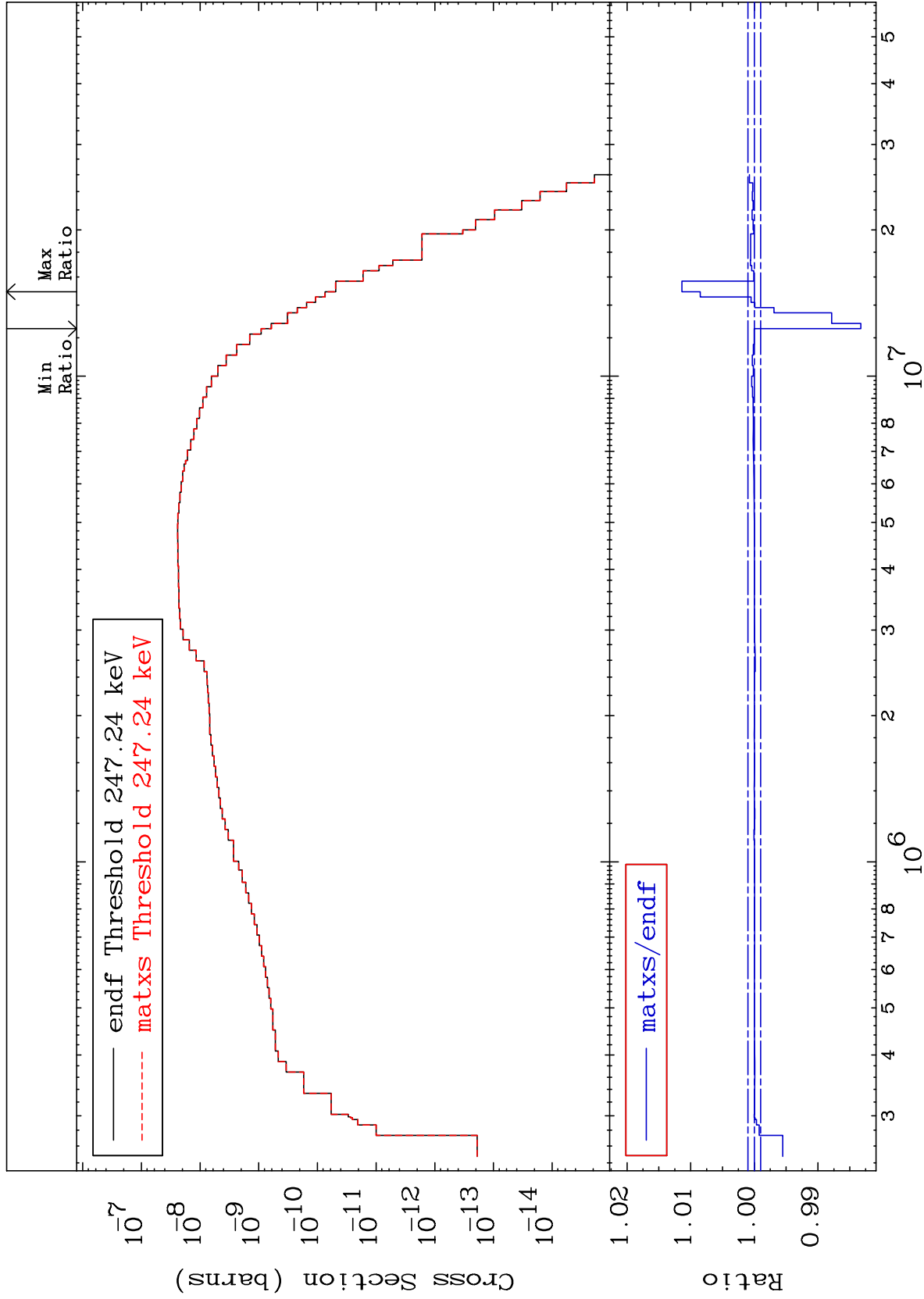
MAT 7431      375.0 keV (n,α') Level      74-W -182  
 Cross Section      -1.701 To 1.142 %



MAT 7431

420.9 keV (n,α') Level  
Cross Section

74-W -182  
-1.674 To 1.138 %



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Incident Energy (eV)

74-W -182

MAT 7431

420.9 keV (n,  $\alpha'$ ) Level  
Cross Section

74-W -182  
-1.500 To 1.106 %

