

Program Complot  
(Version 2015-2)

by

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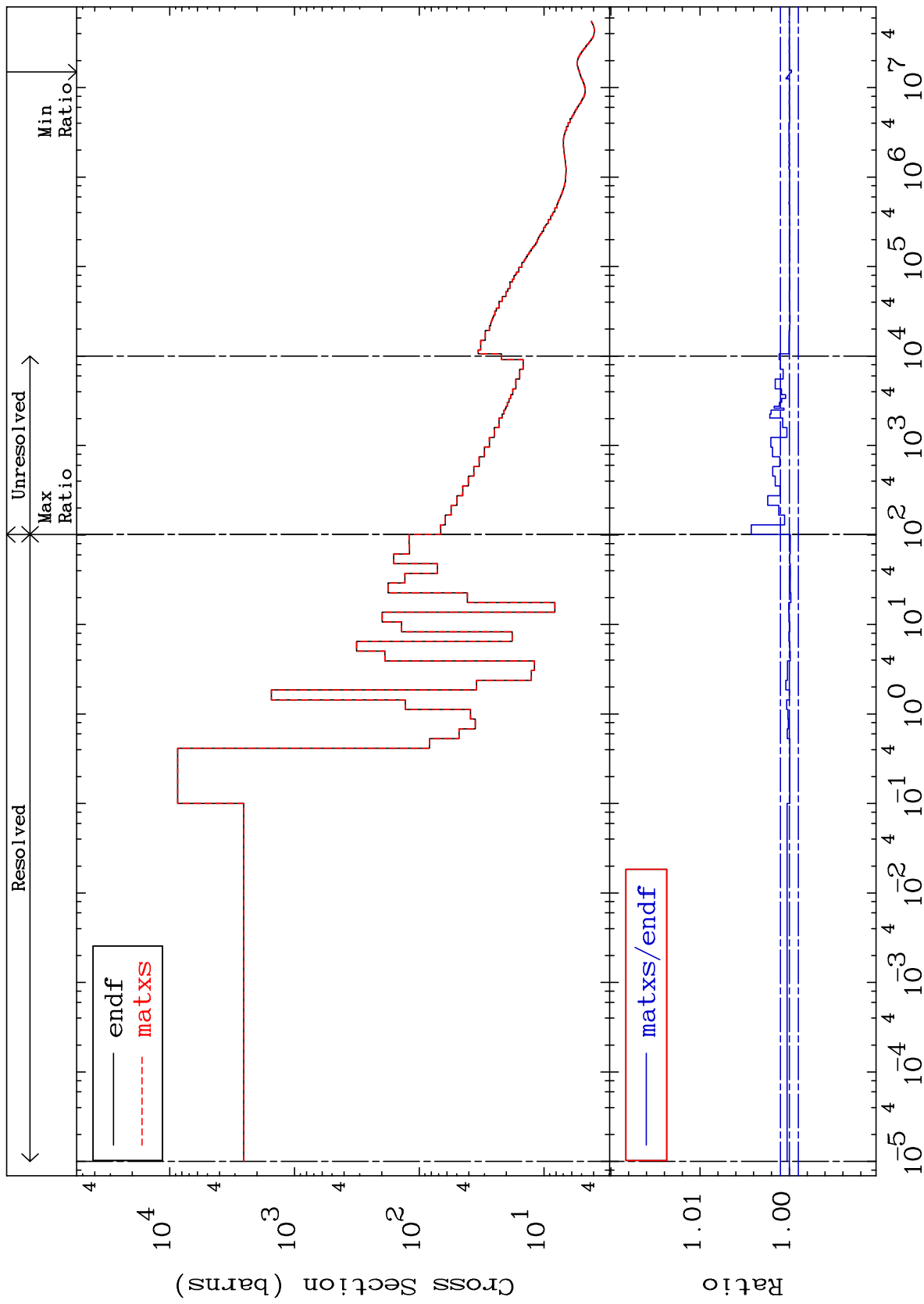
Web: [home.comcast.net/~redcullen1](http://home.comcast.net/~redcullen1)

Press Mouse Button to Start

MAT 7128

Total  
Cross Section

71-Lu-176  
-0.024 To 0.426 %



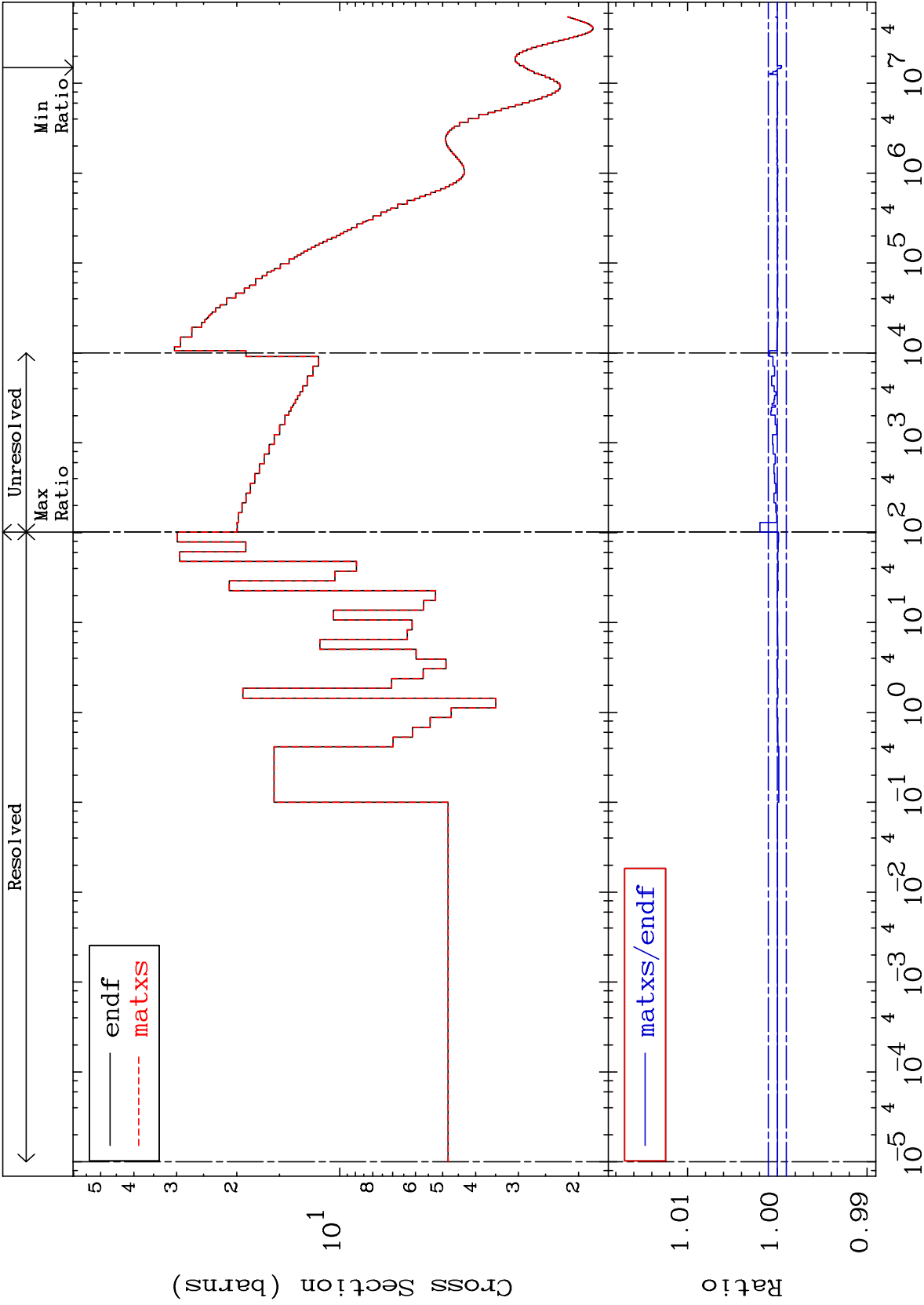
Incident Energy (eV)

71-Lu-176

MAT 7128

Elastic  
Cross Section

71-Lu-176  
-0.047 To 0.195 %



2

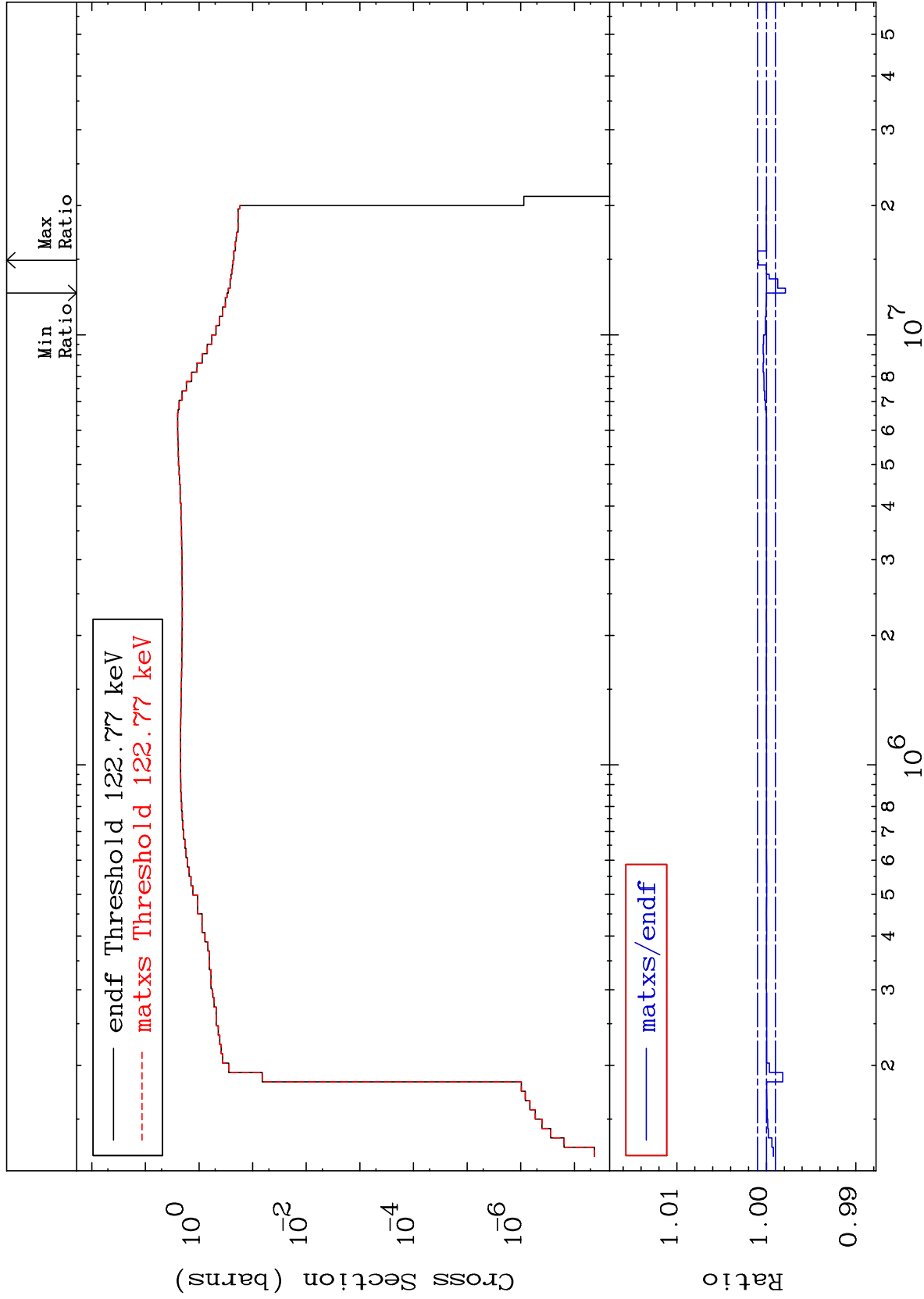
Incident Energy (eV)

71-Lu-176

MAT 7128

Inelastic  
Cross Section

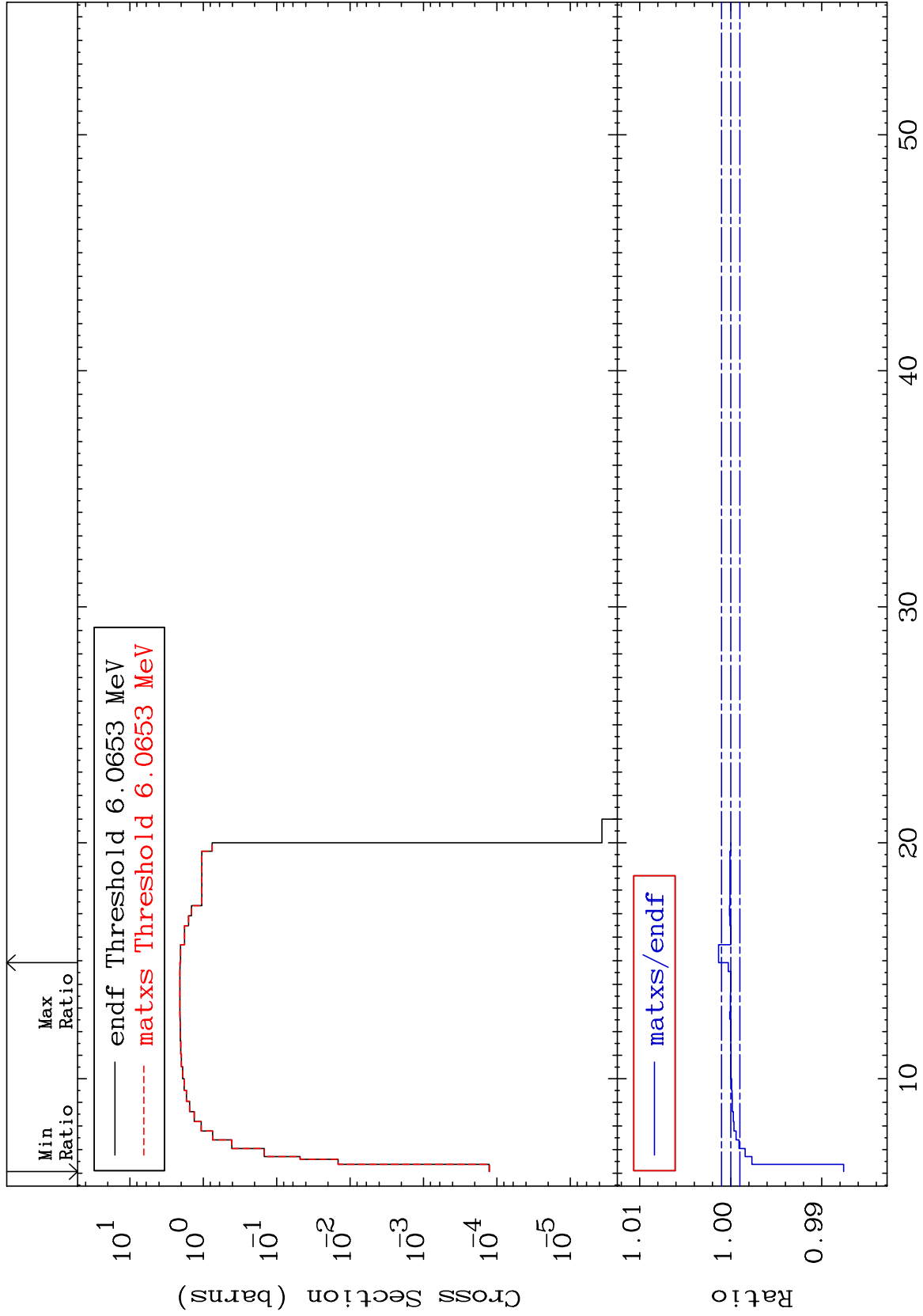
<sup>71</sup>Lu-176  
-0.212 To 0.100 %



MAT 7128

(n,2n)  
Cross Section

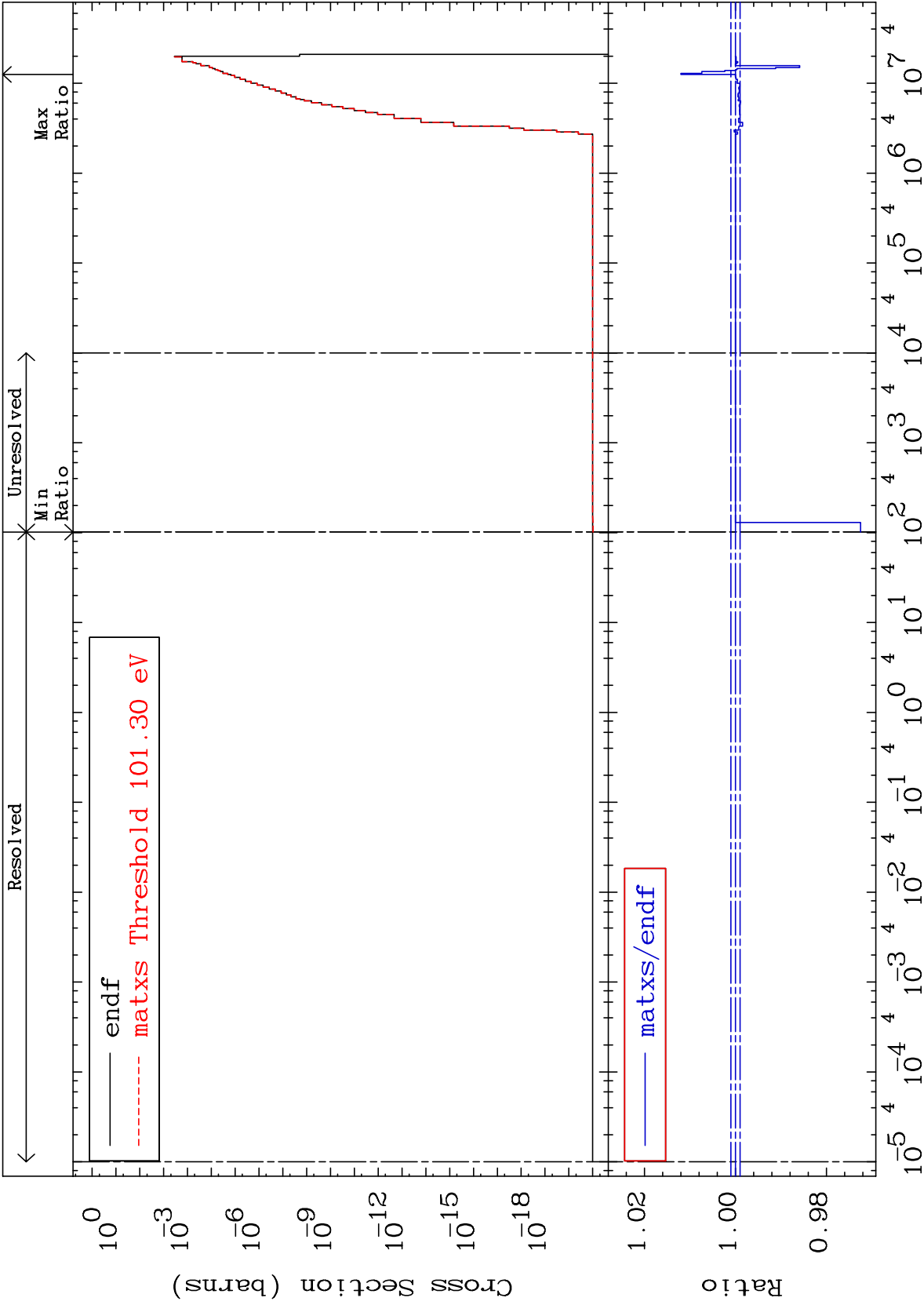
<sup>71</sup>Lu-176  
-1.240 To 0.133 %



MAT 7128

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

71-Lu-176  
-2.751 To 1.199 %



5

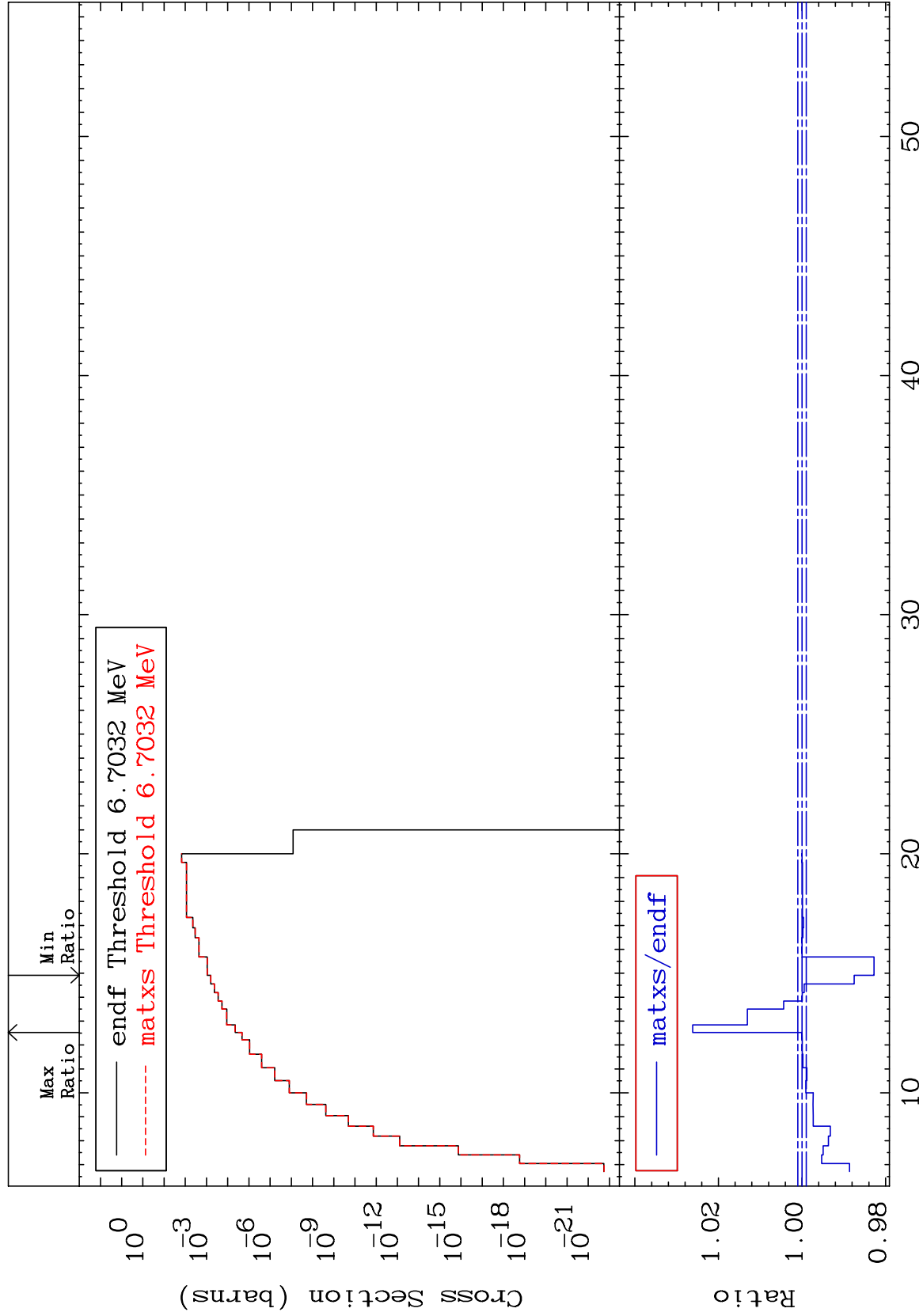
Incident Energy (eV)

71-Lu-176

MAT 7128

(n, n') p  
Cross Section

<sup>71</sup>Lu-176  
-1.724 To 2.616 %



6

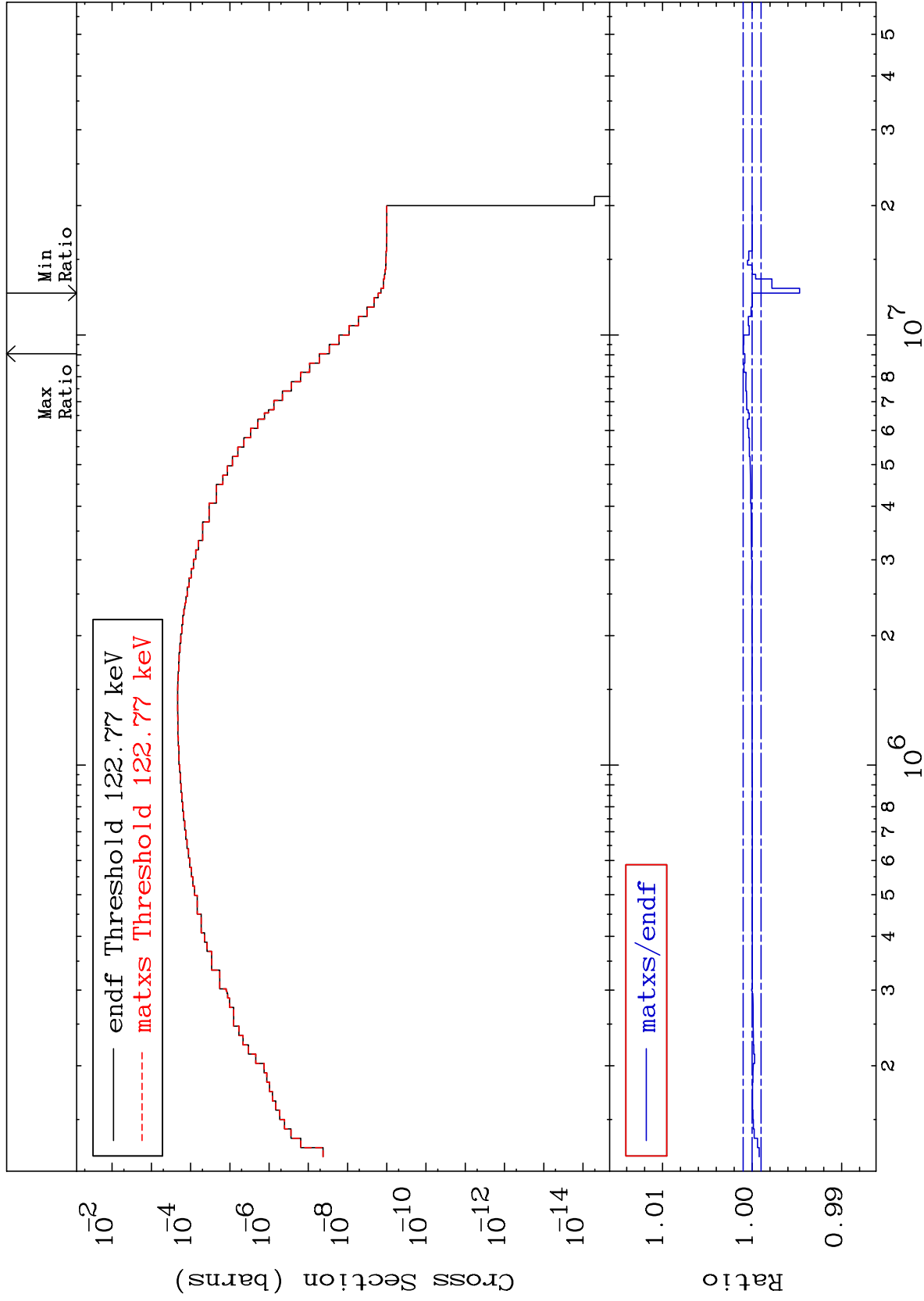
Incident Energy (MeV)

<sup>71</sup>Lu-176

MAT 7128

122.9 keV (n,n') Level  
Cross Section

71-Lu-176  
-0.529 To 0.098 %



7

71-Lu-176

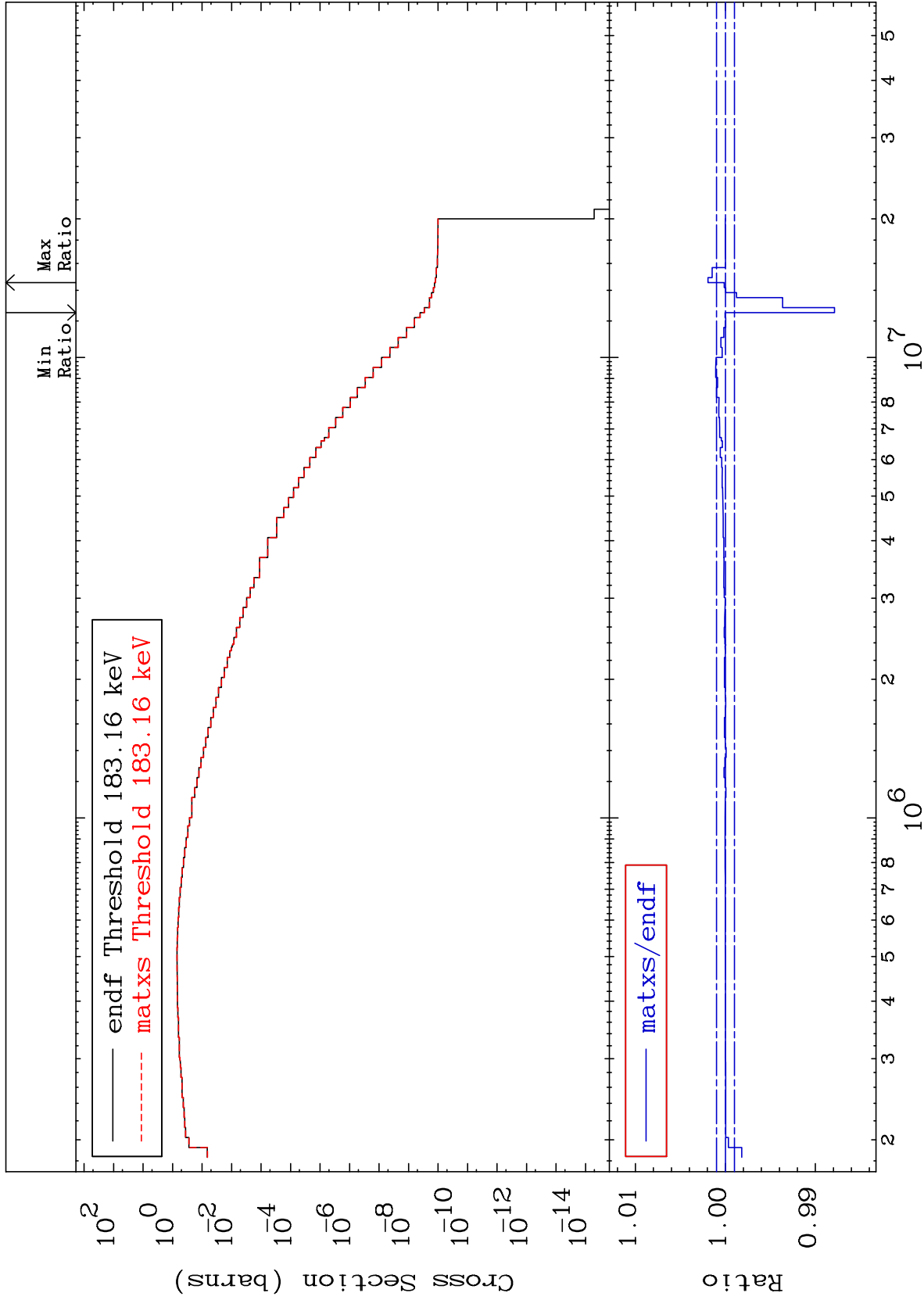
71-Lu-176



MAT 7128

184.1 keV (n,n') Level  
Cross Section

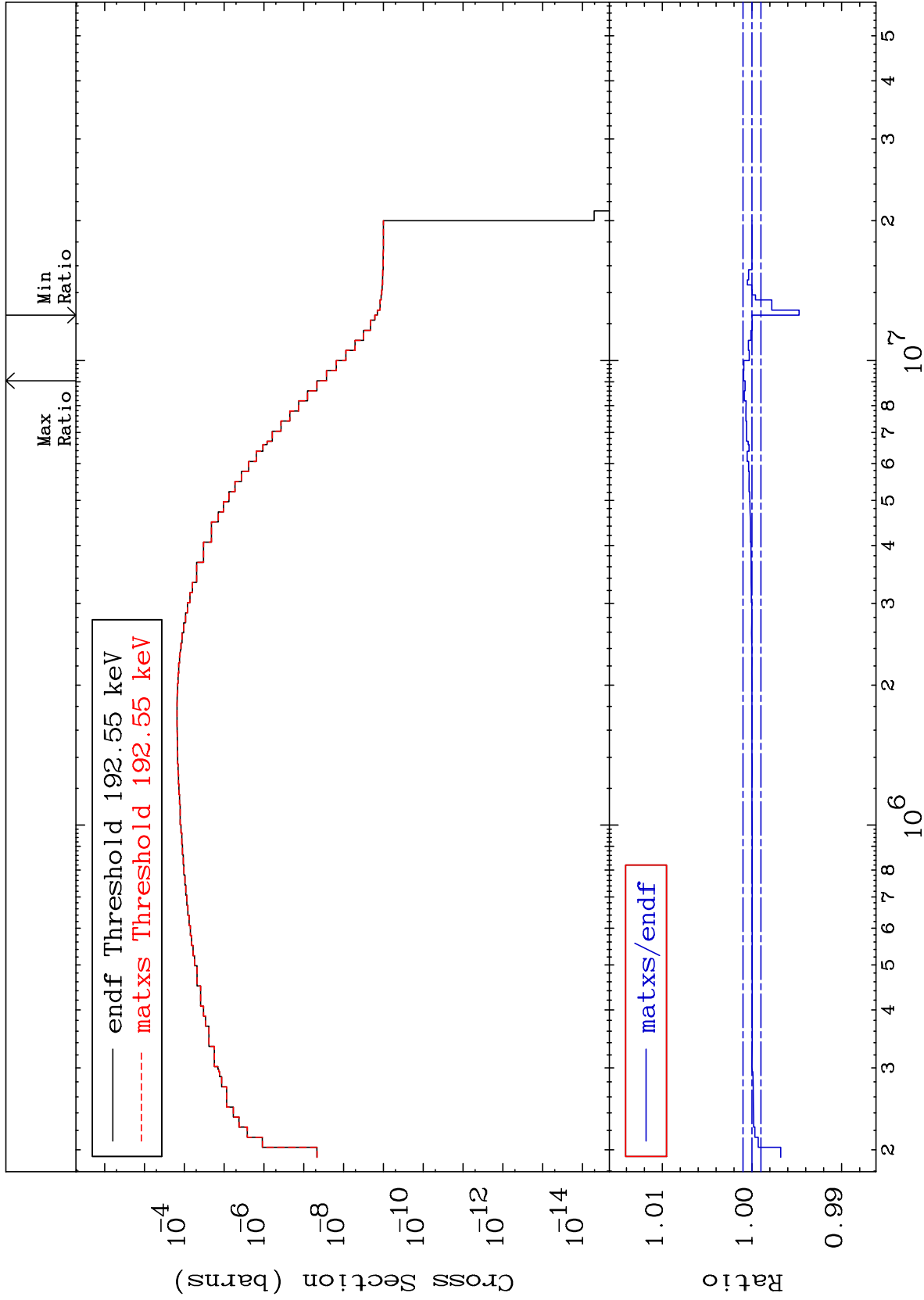
71-Lu-176  
-1.213 To 0.194 %



MAT 7128

194.4 keV (n,n') Level  
Cross Section

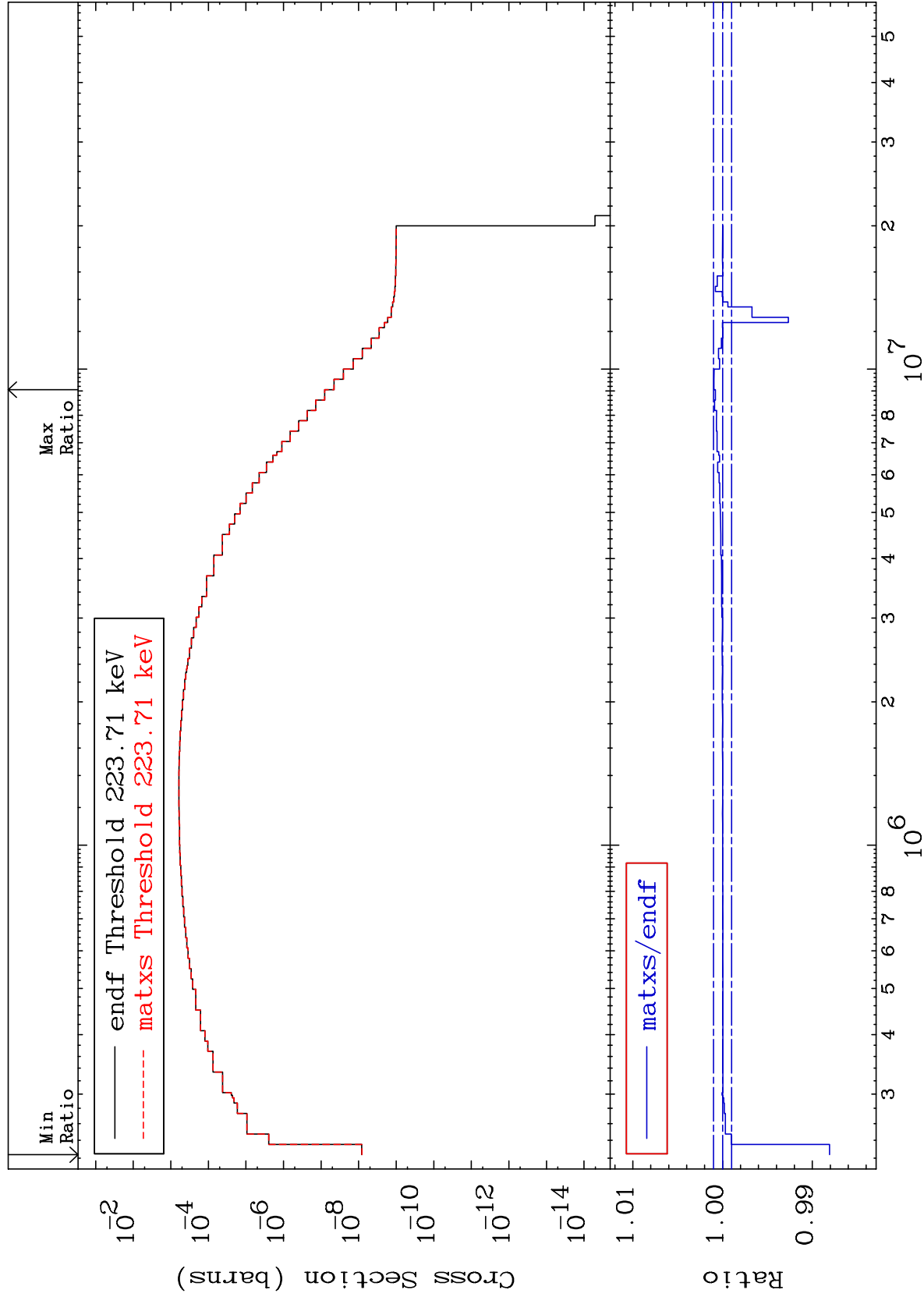
71-Lu-176  
-0.524 To 0.094 %



MAT 7128

233.1 keV (n,n') Level  
Cross Section

71-Lu-176  
-1.191 To 0.097 %



10

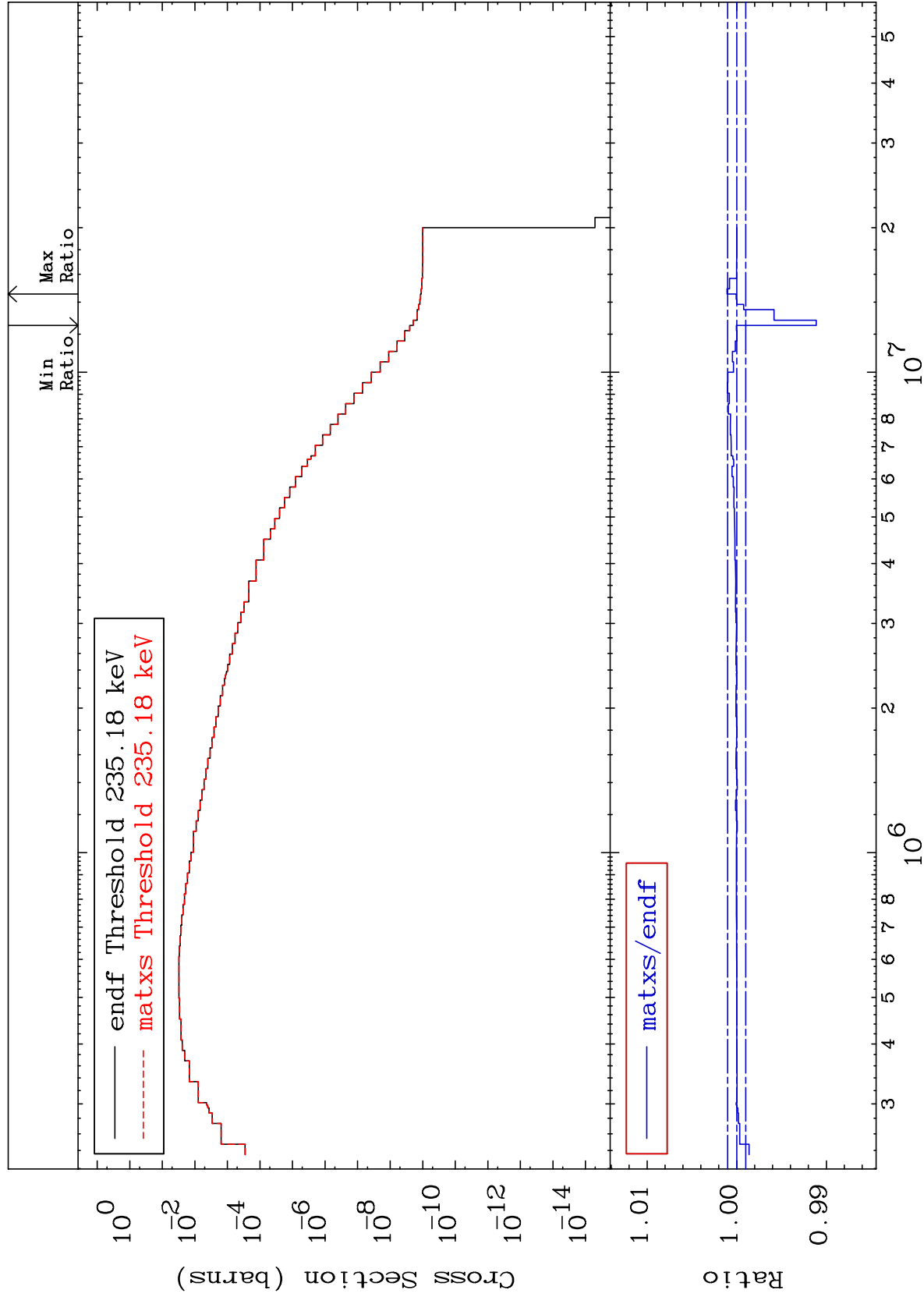
Incident Energy (eV)

71-Lu-176

MAT 7128

235.8 keV (n,n') Level  
Cross Section

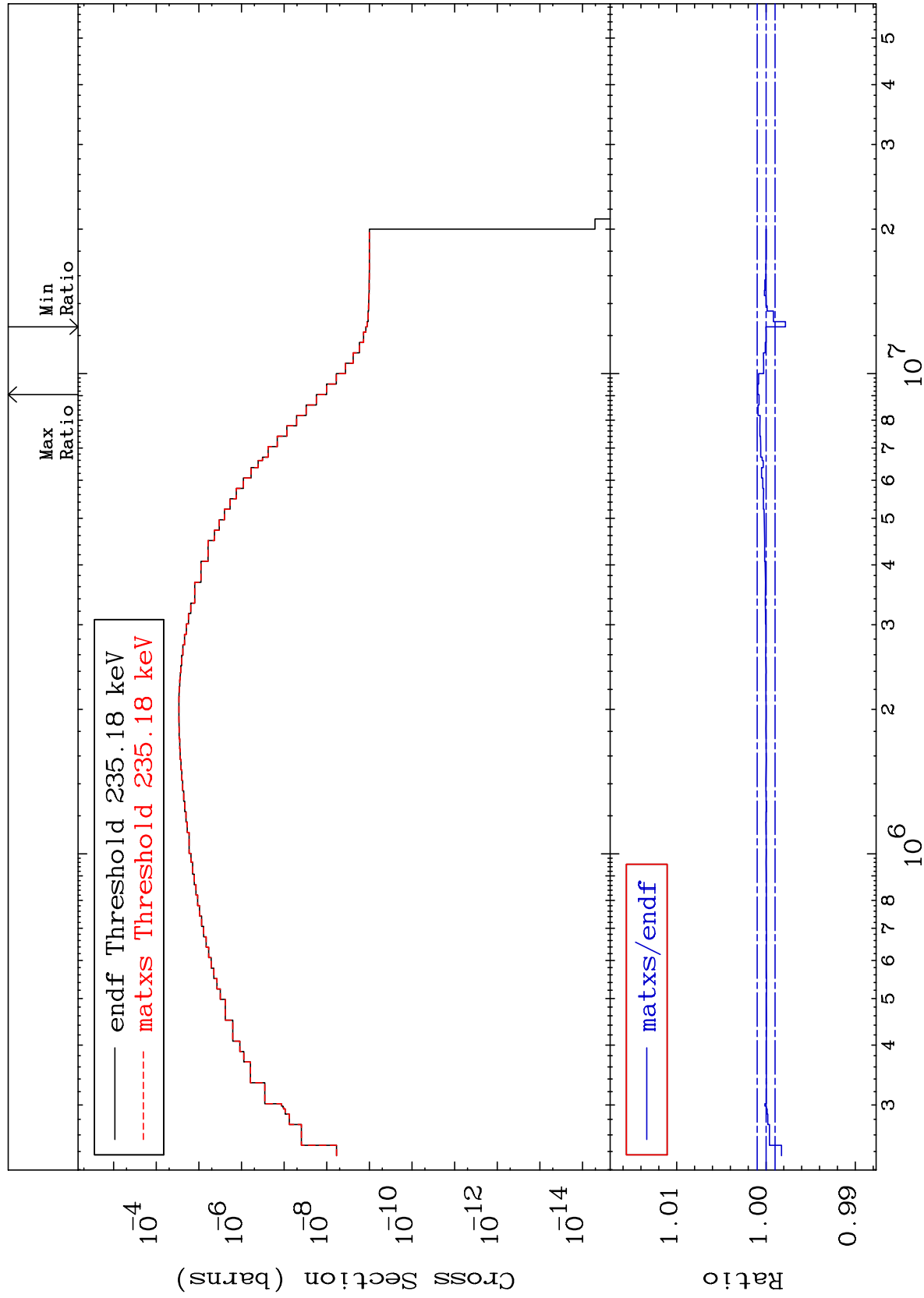
71-Lu-176  
-0.887 To 0.108 %



MAT 7128

236.9 keV (n,n') Level  
Cross Section

71-Lu-176  
-0.217 To 0.091 %



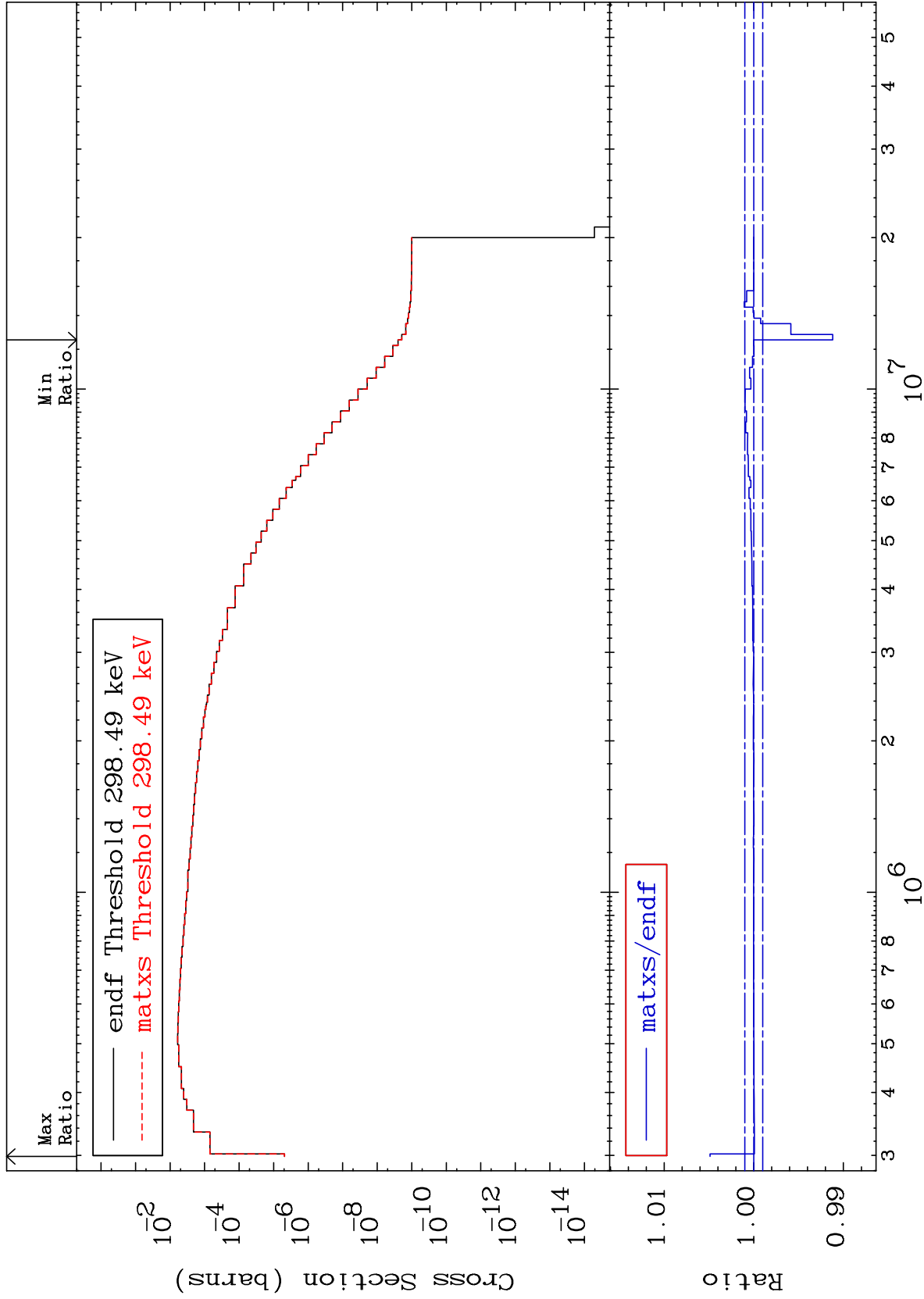
12

71-Lu-176

MAT 7128

299.4 keV (n,n') Level  
Cross Section

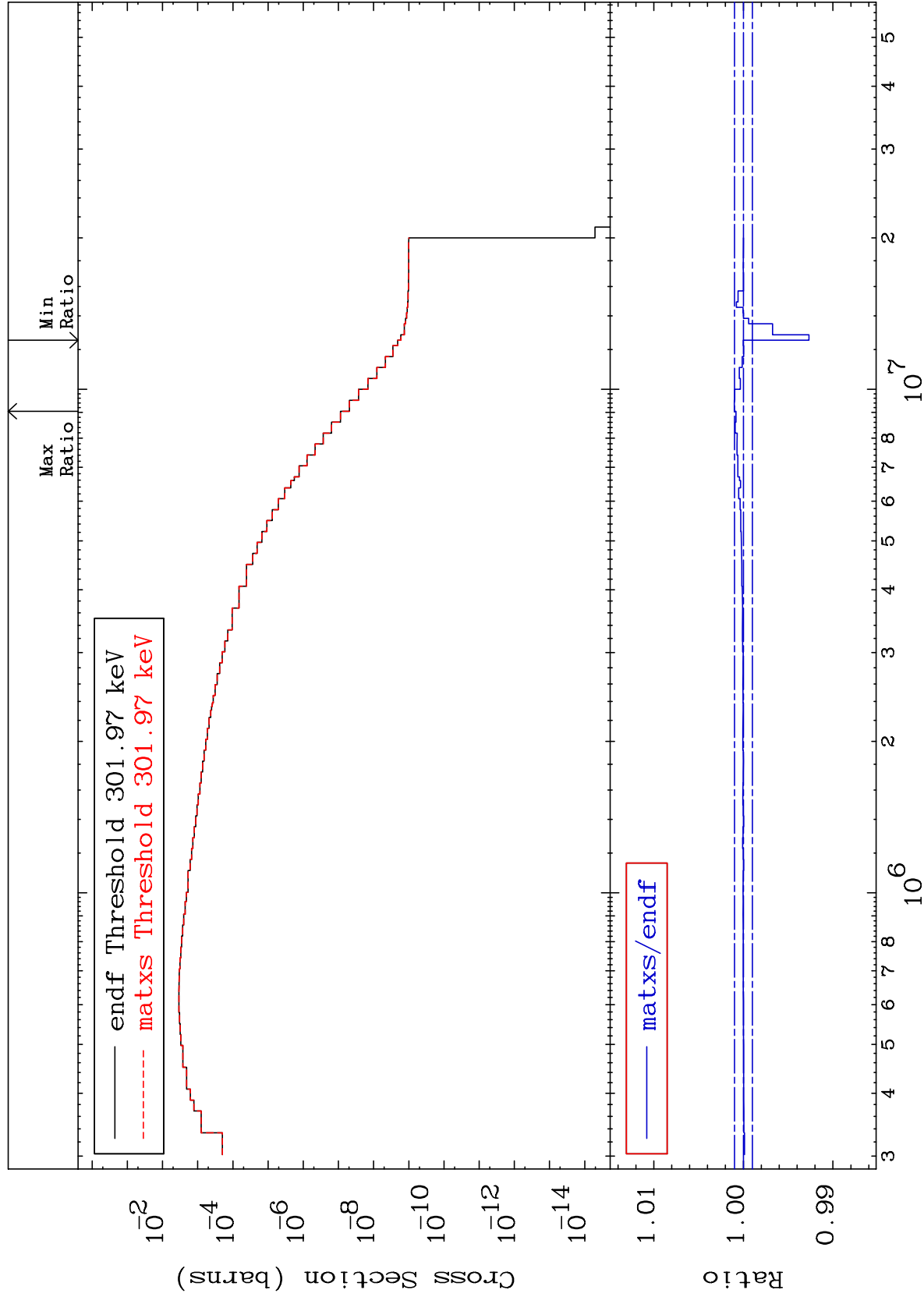
71-Lu-176  
-0.880 To 0.488 %



MAT 7128

305.3 keV (n,n') Level  
Cross Section

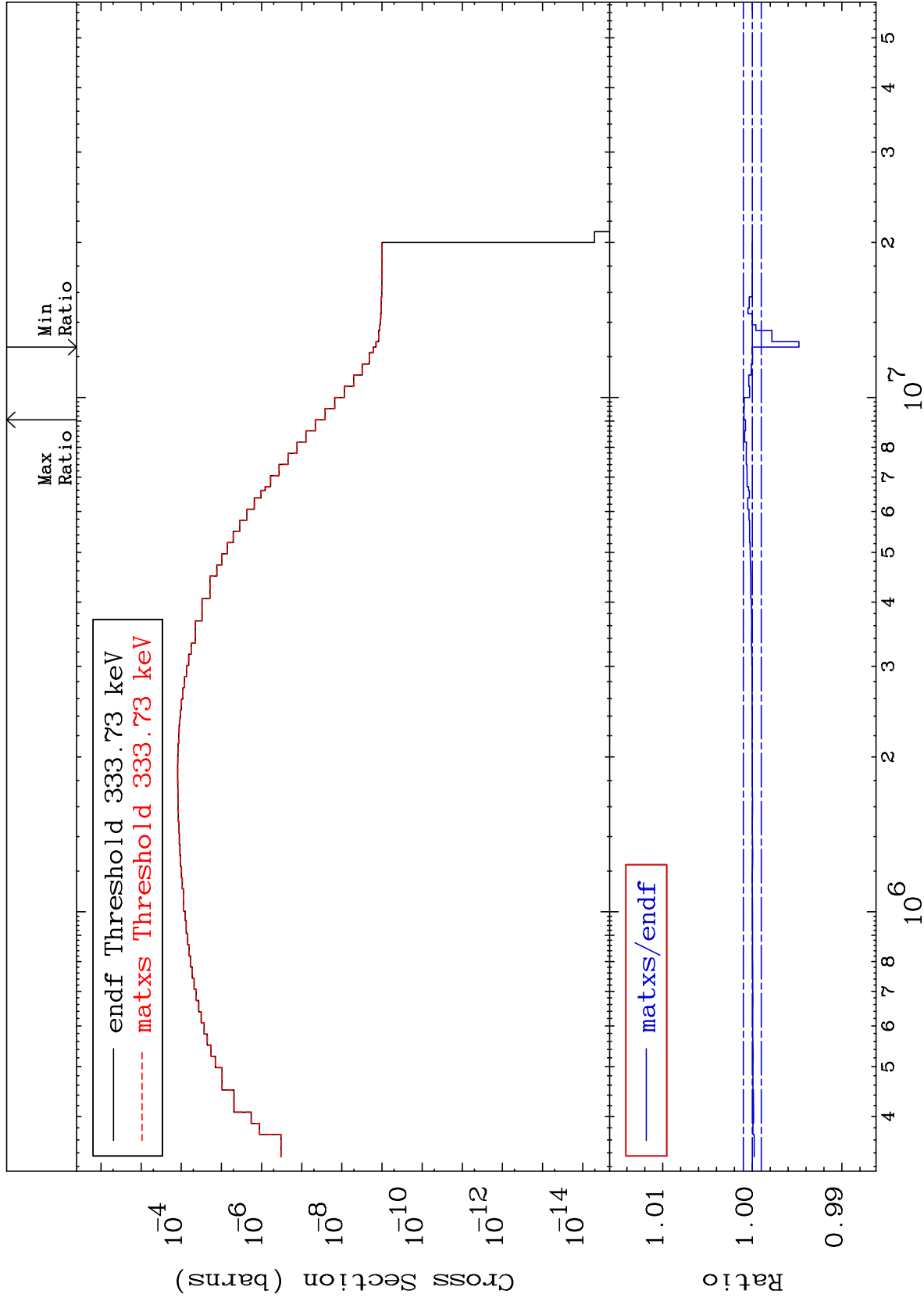
71-Lu-176  
-0.732 To 0.101 %



MAT 7128

338.9 keV (n,n') Level  
Cross Section

71-Lu-176  
-0.519 To 0.094 %



15

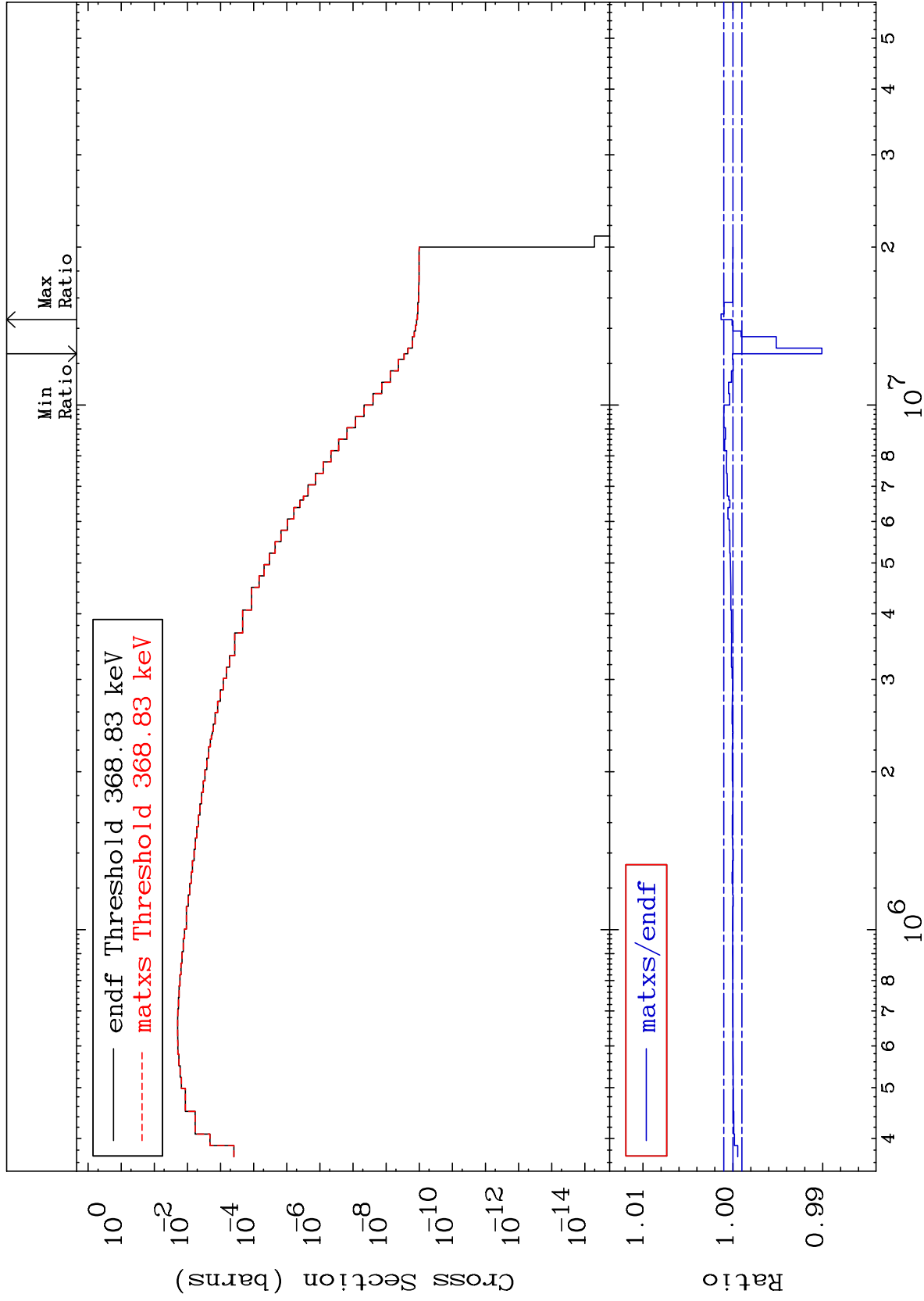
71-Lu-176



MAT 7128

372.5 keV (n,n') Level  
Cross Section

71-Lu-176  
-0.990 To 0.132 %



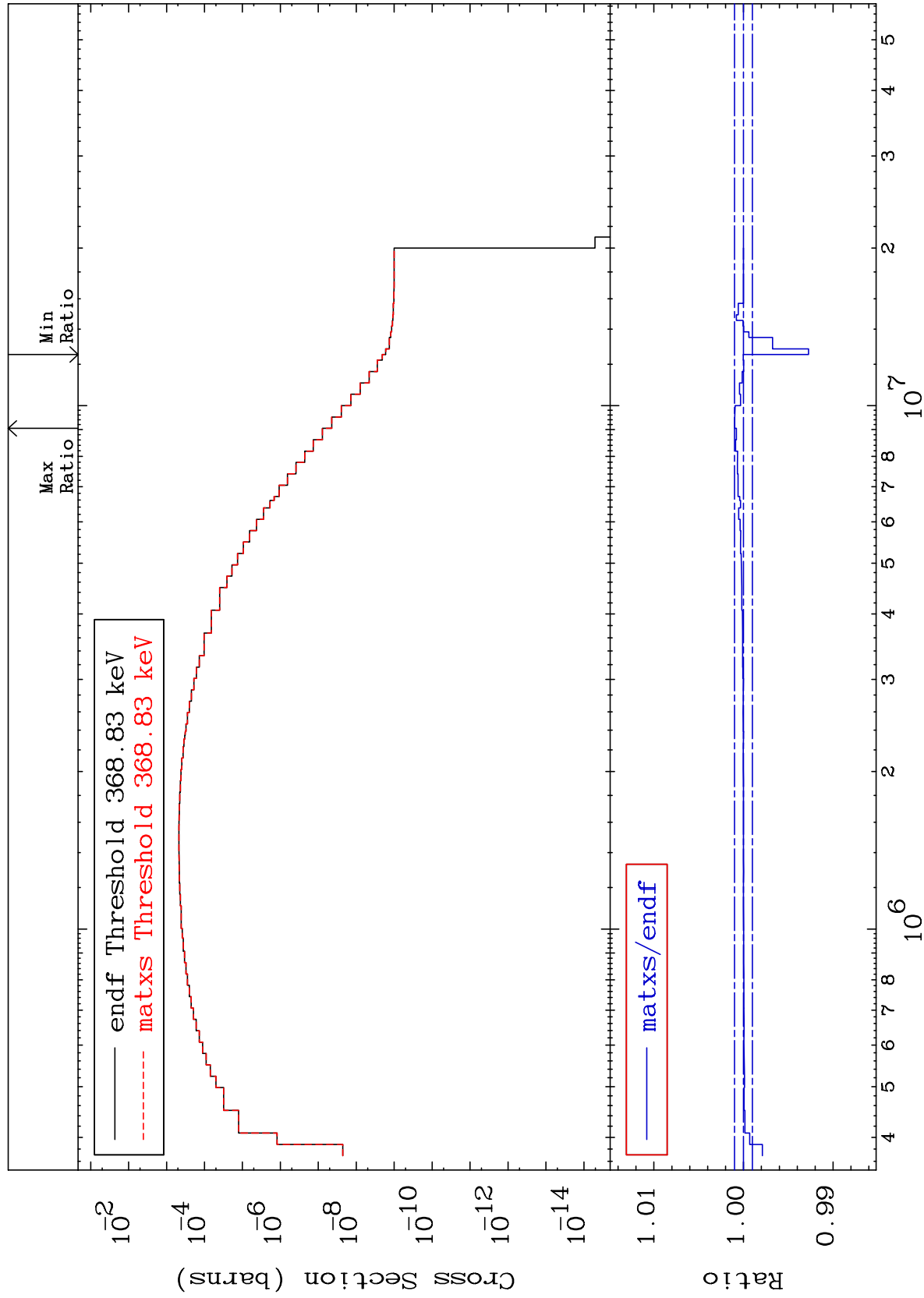
16

71-Lu-176

MAT 7128

381.4 keV (n,n') Level  
Cross Section

71-Lu-176  
-0.726 To 0.097 %



17

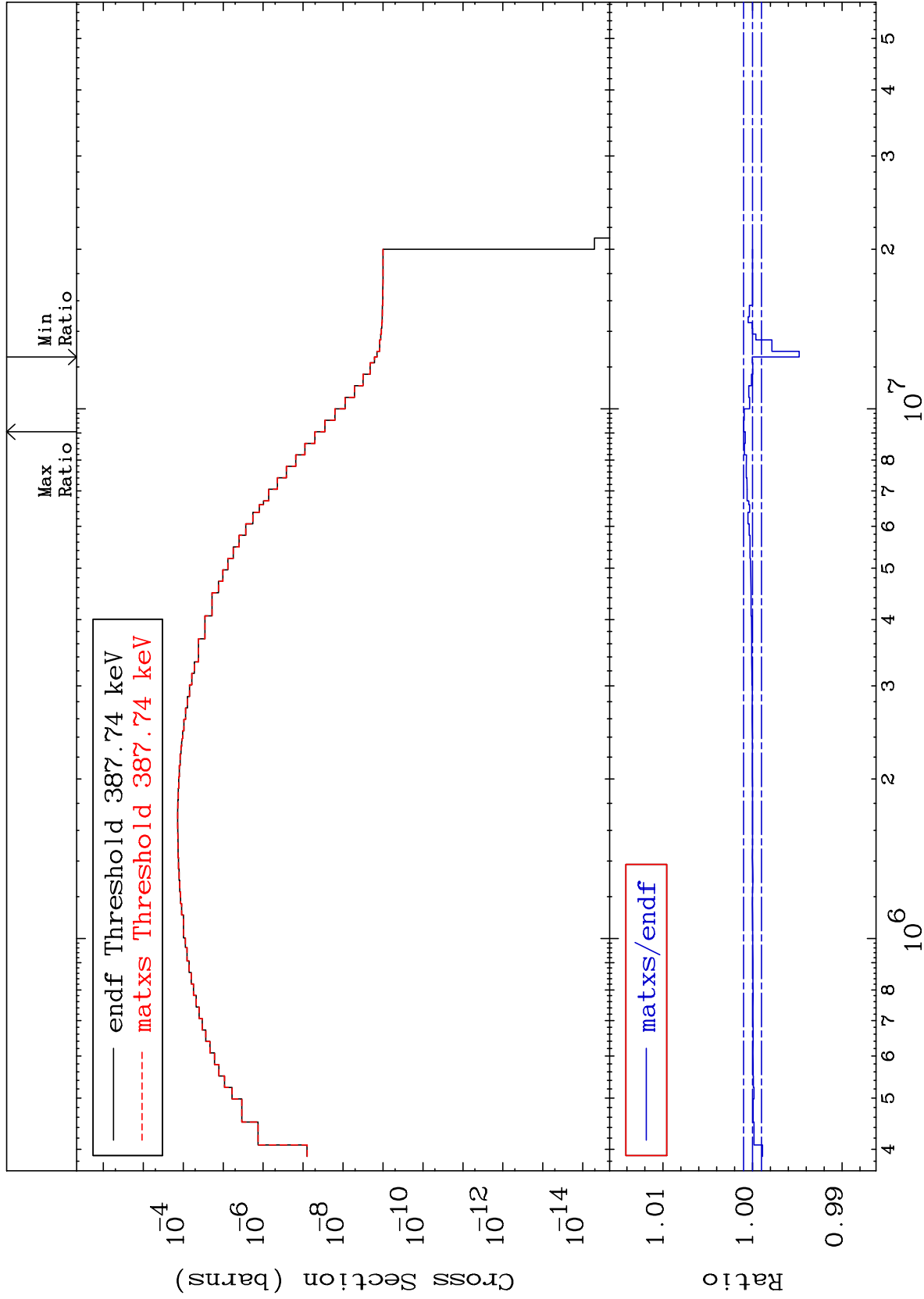
Incident Energy (eV)

71-Lu-176

MAT 7128

386.6 keV (n,n') Level  
Cross Section

71-Lu-176  
-0.520 To 0.098 %



18

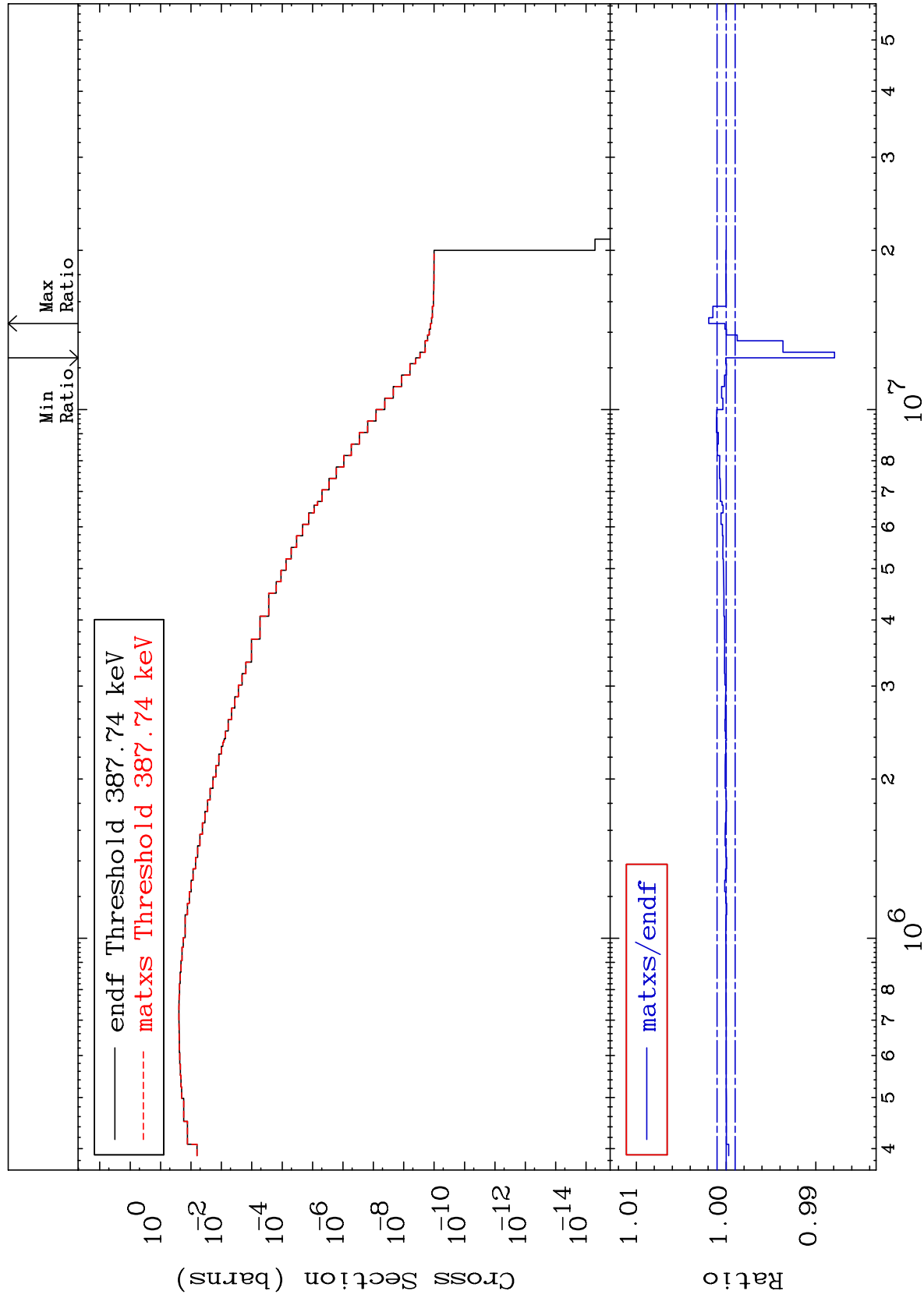
Incident Energy (eV)

71-Lu-176

MAT 7128

388.9 keV (n,n') Level  
Cross Section

71-Lu-176  
-1.209 To 0.193 %



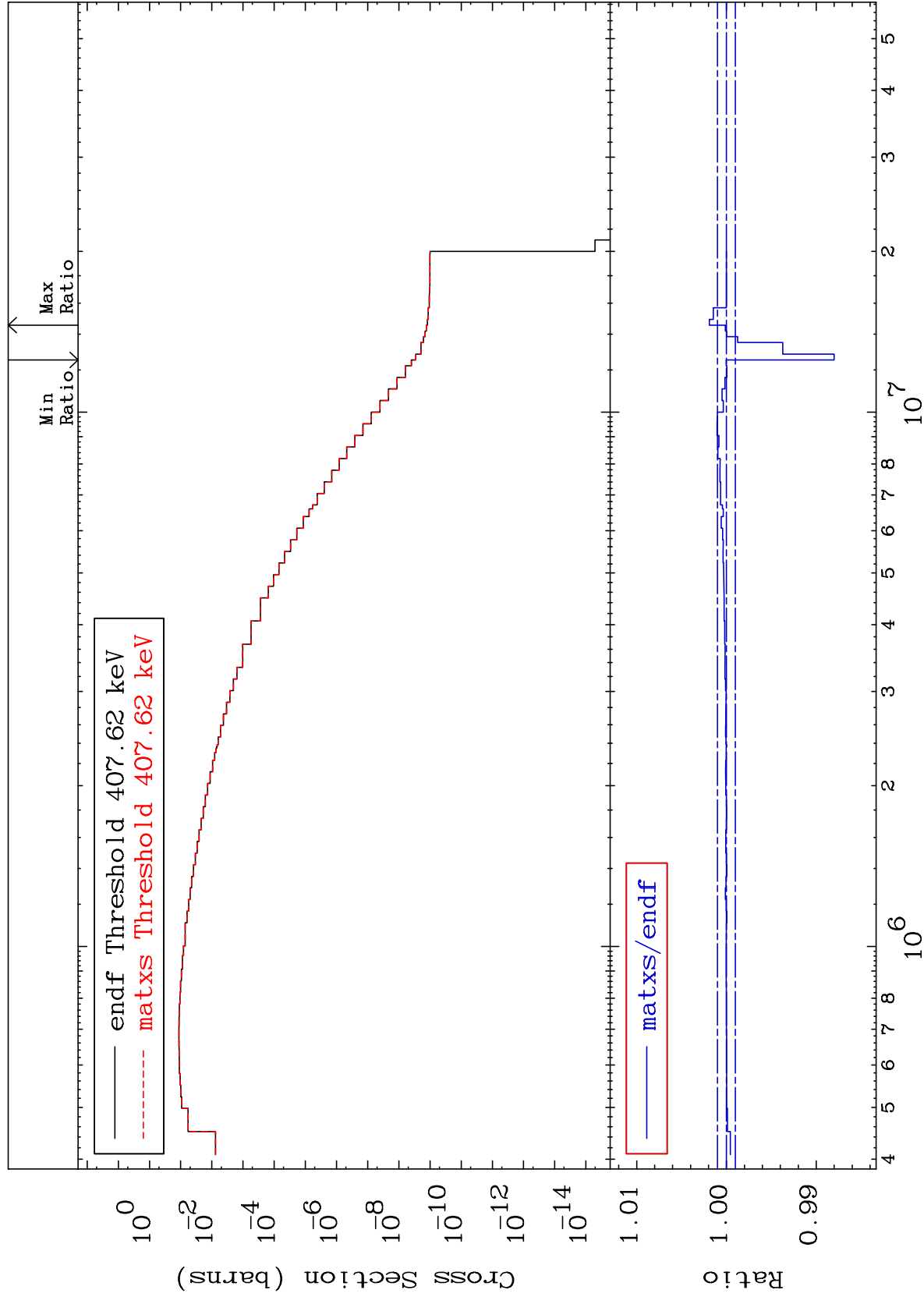
19

71-Lu-176

MAT 7128

424.9 keV (n,n') Level  
Cross Section

71-Lu-176  
-1.199 To 0.191 %



20

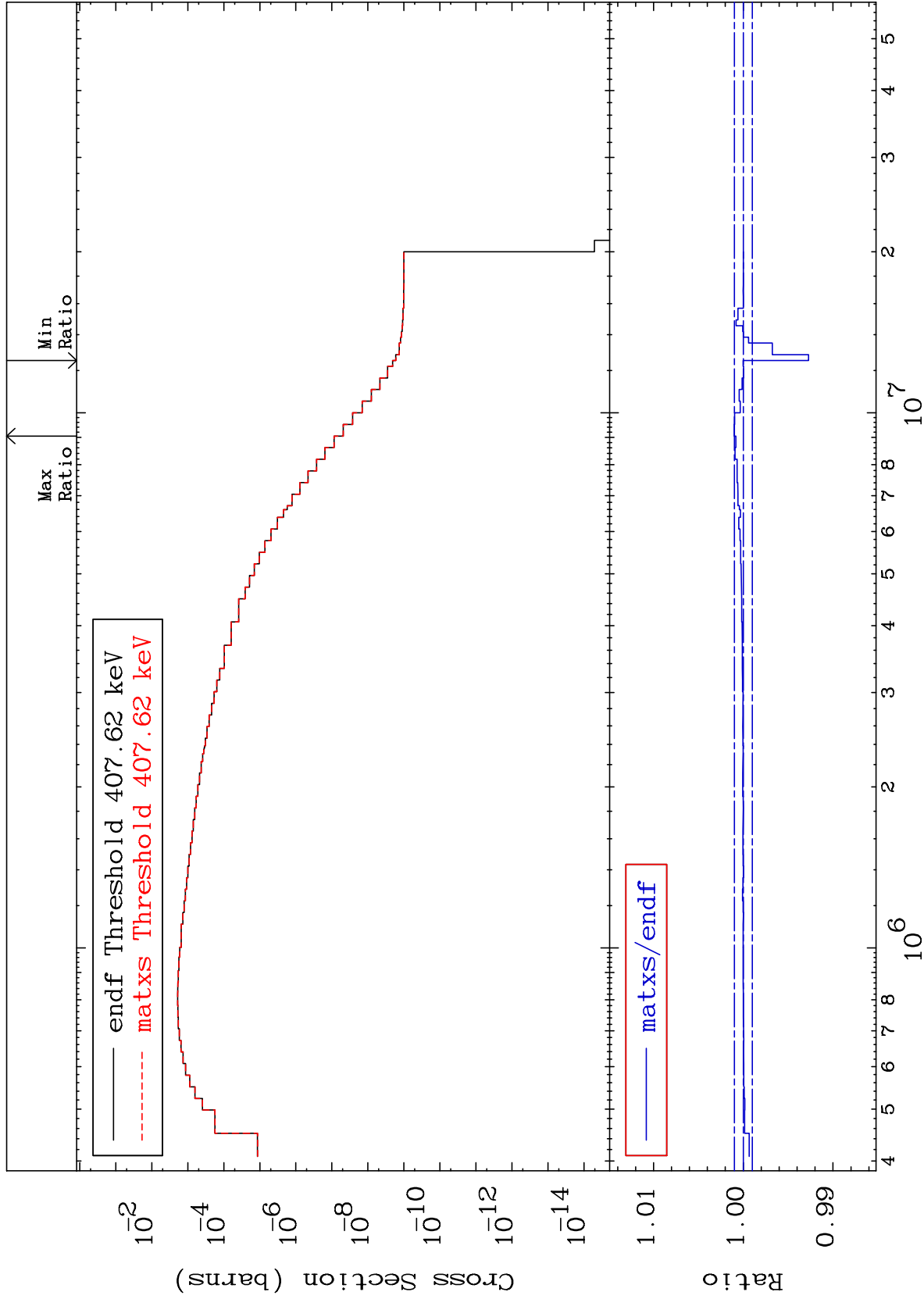
Incident Energy (eV)

71-Lu-176

MAT 7128

433.0 keV (n,n') Level  
Cross Section

71-Lu-176  
-0.728 To 0.101 %



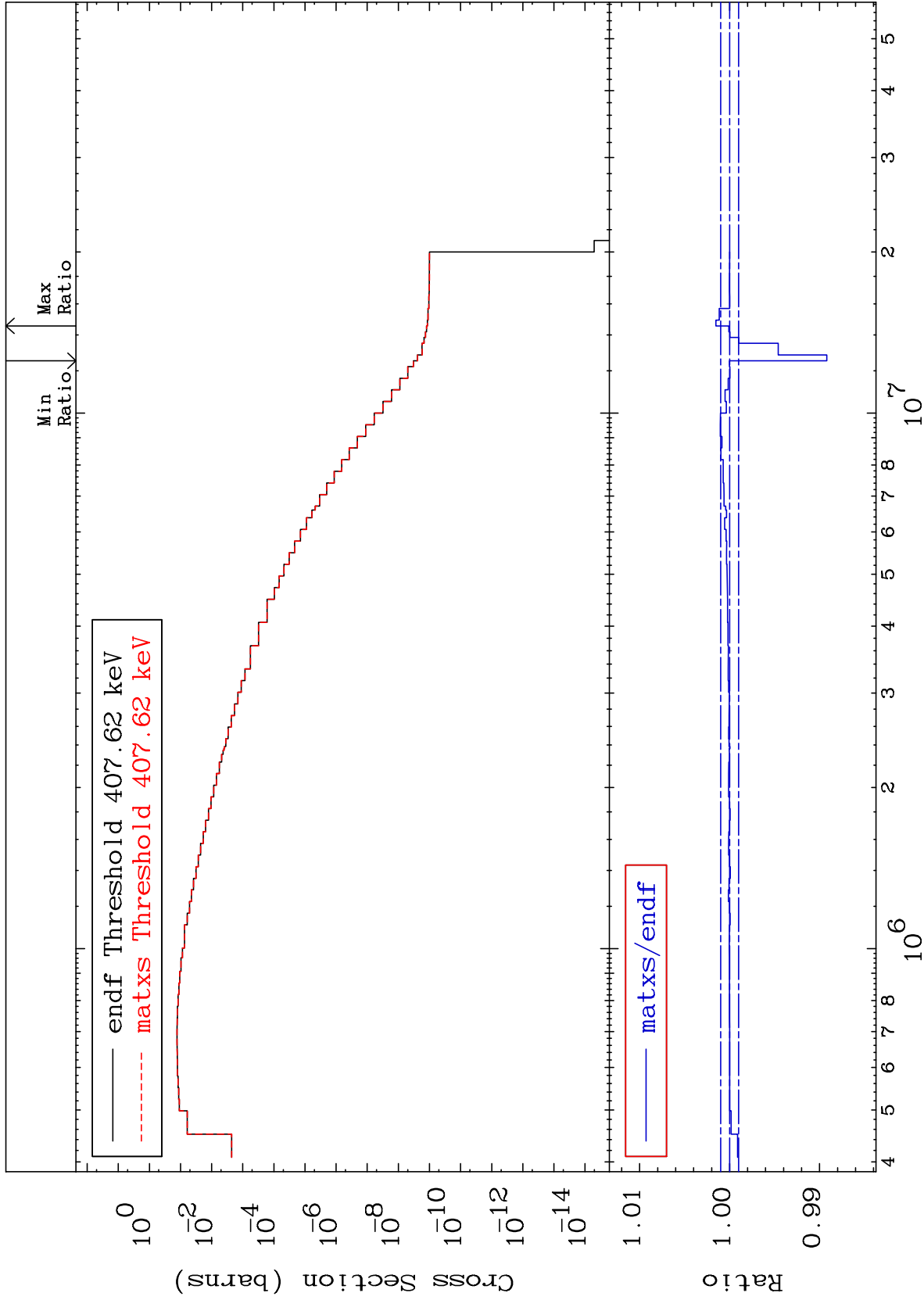
21

71-Lu-176

MAT 7128

437.3 keV (n,n') Level  
Cross Section

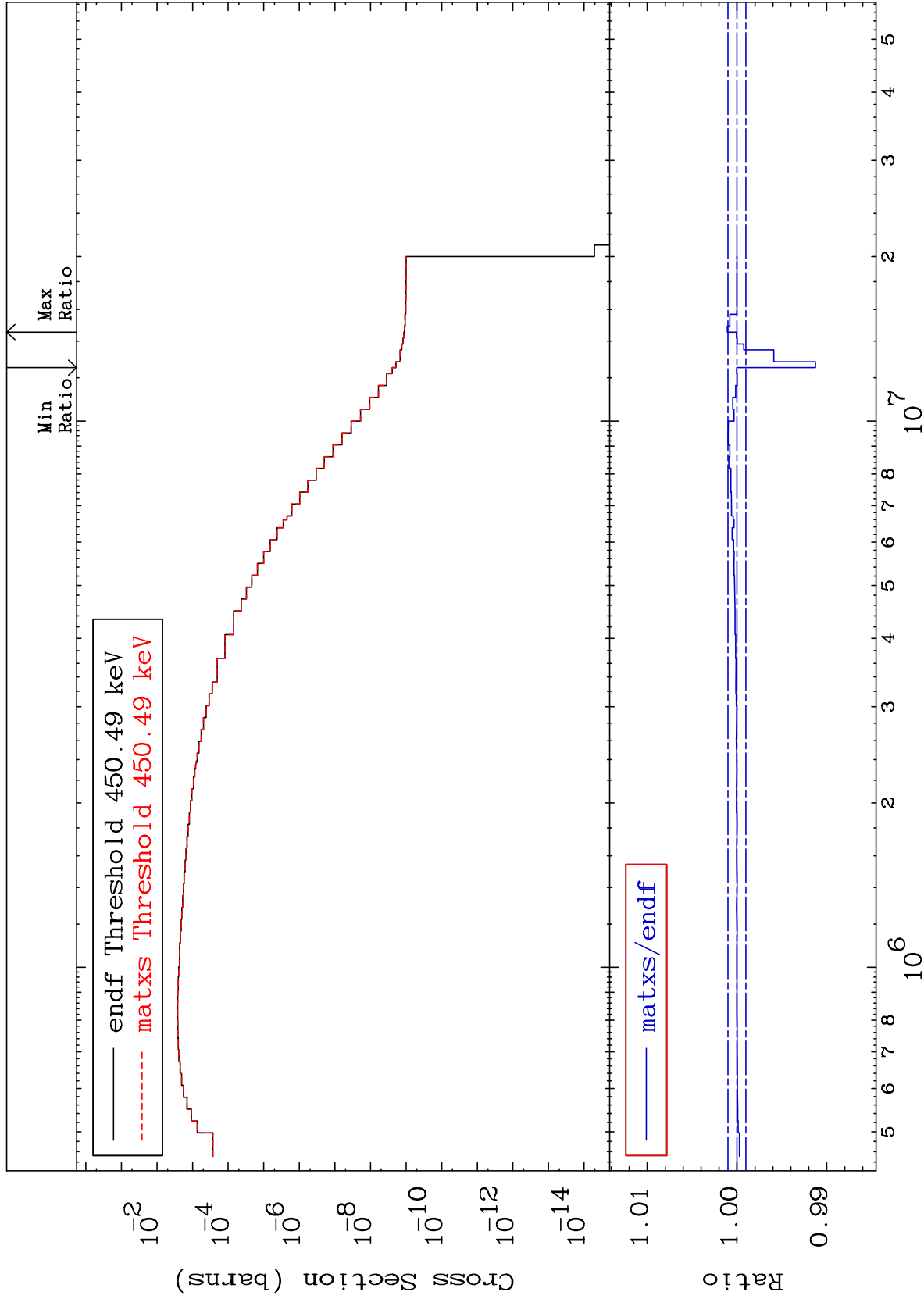
71-Lu-176  
-1.080 To 0.154 %



MAT 7128

450.1 keV (n,n') Level  
Cross Section

71-Lu-176  
-0.874 To 0.107 %

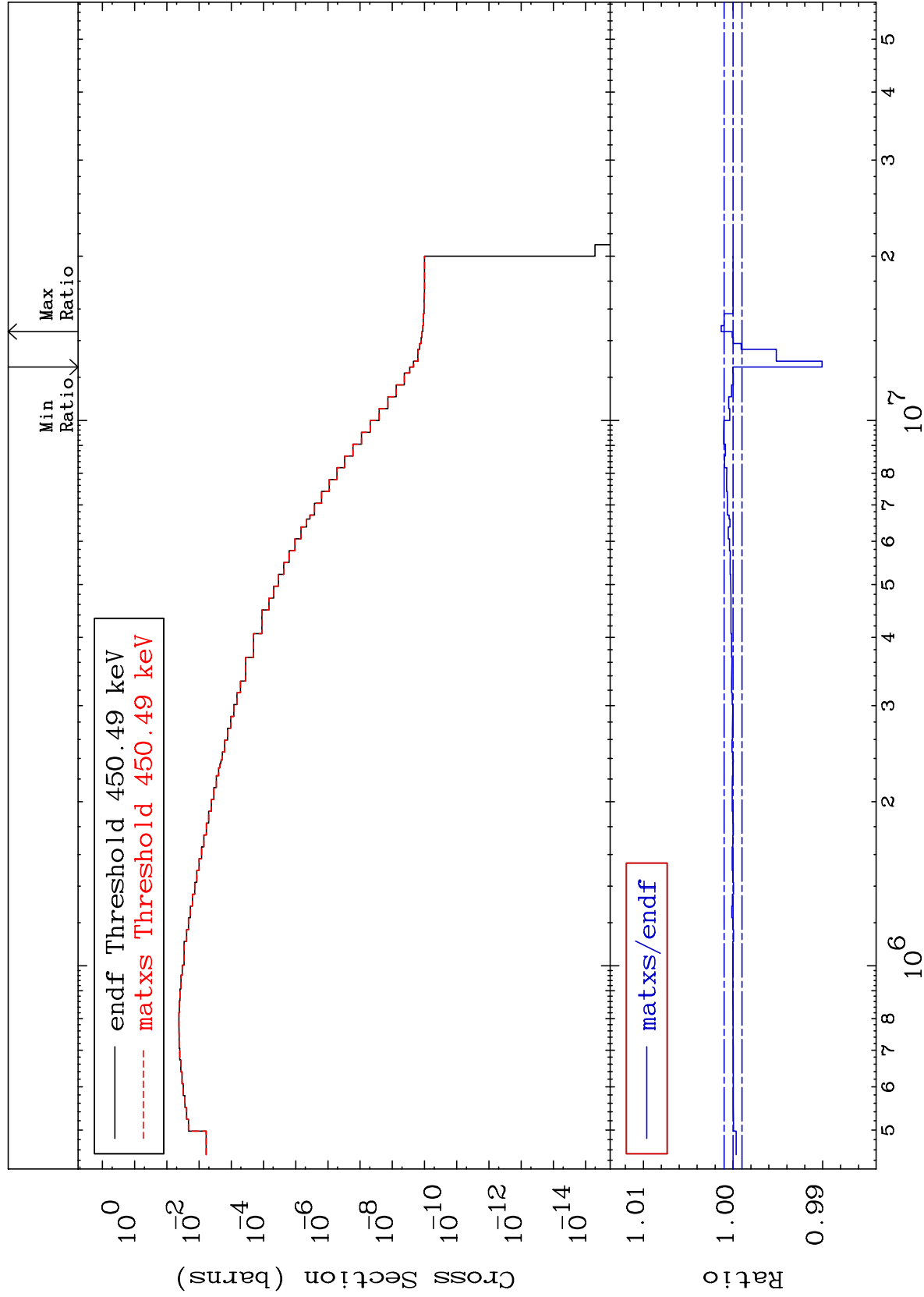




MAT 7128

463.8 keV (n,n') Level  
Cross Section

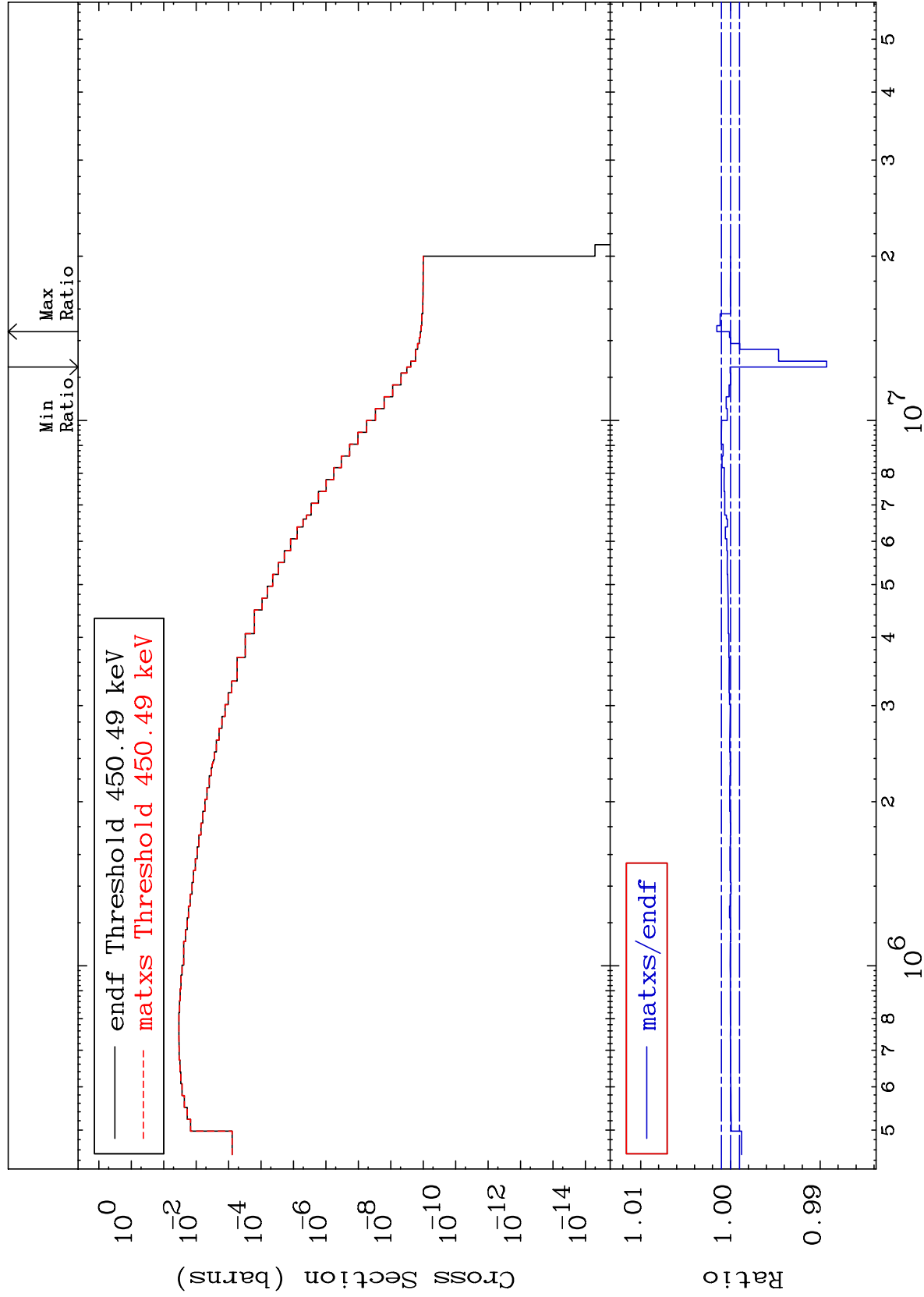
71-Lu-176  
-0.993 To 0.131 %



MAT 7128

487.6 keV (n,n') Level  
Cross Section

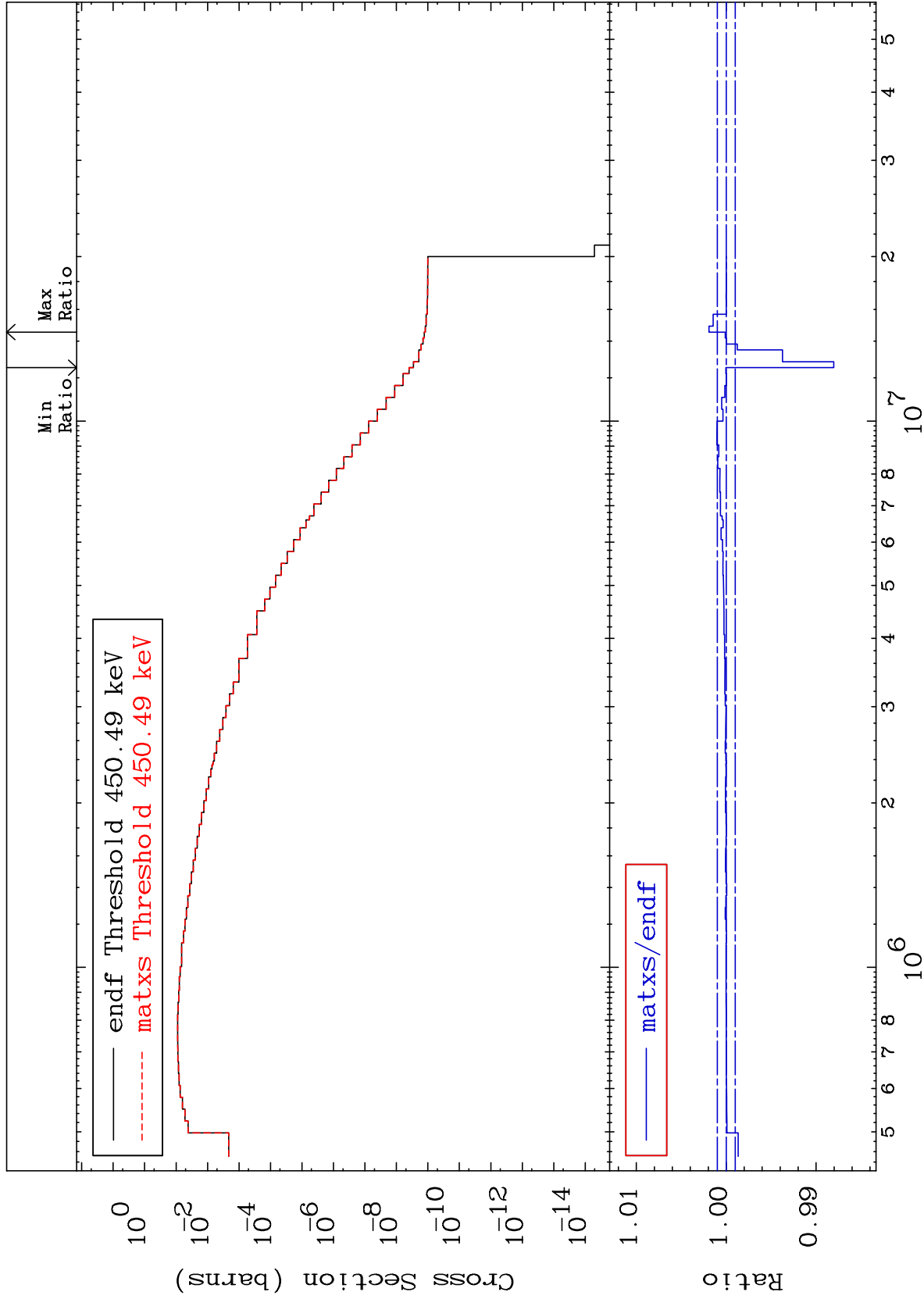
71-Lu-176  
-1.071 To 0.153 %



MAT 7128

487.8 keV (n,n') Level  
Cross Section

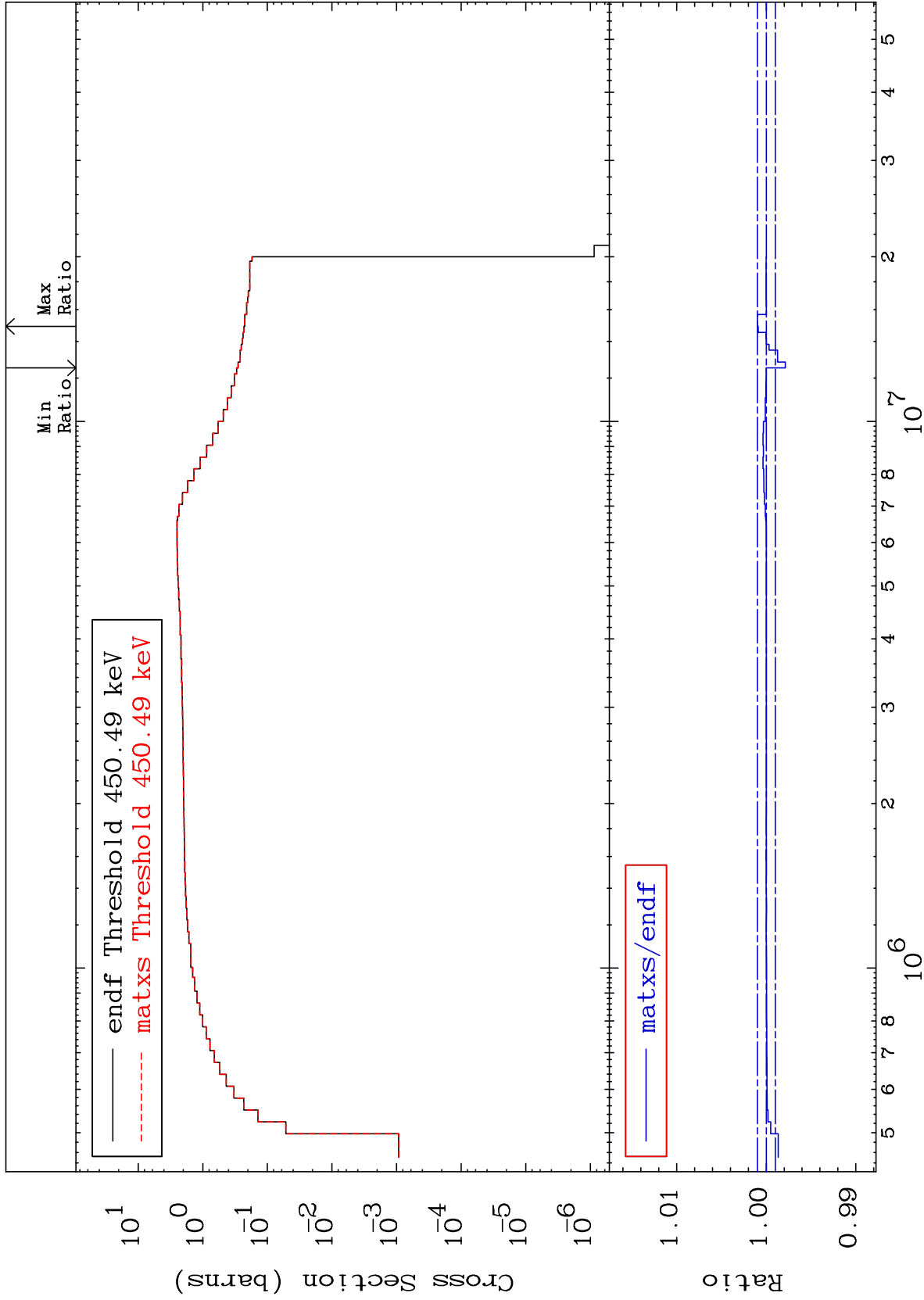
71-Lu-176  
-1.196 To 0.191 %



MAT 7128

(n, n') Continuum  
Cross Section

71-Lu-176  
-0.212 To 0.100 %



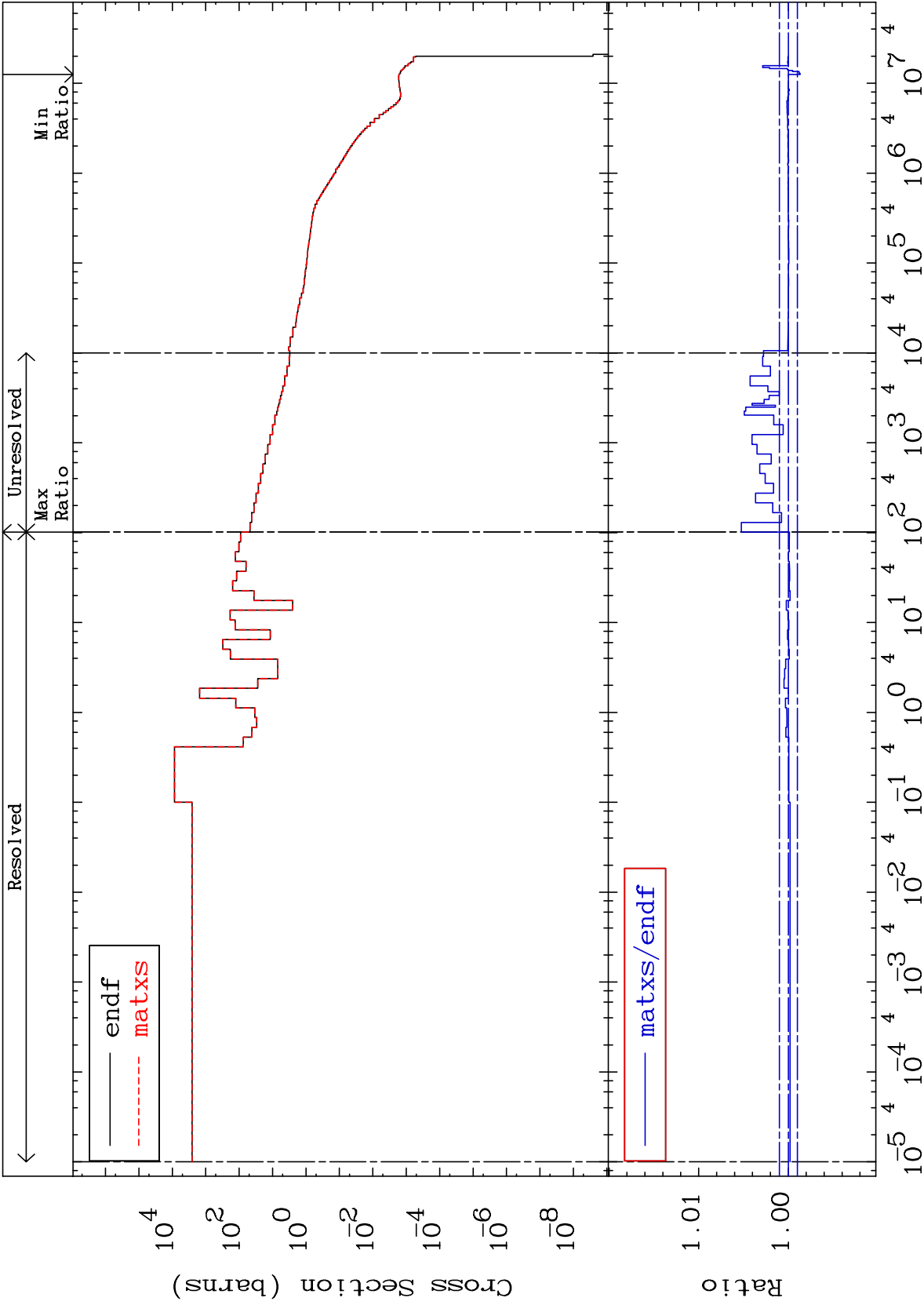
MAT 7128

(n,  $\gamma$ )

71-Lu-176

Cross Section

-0.131 To 0.523 %



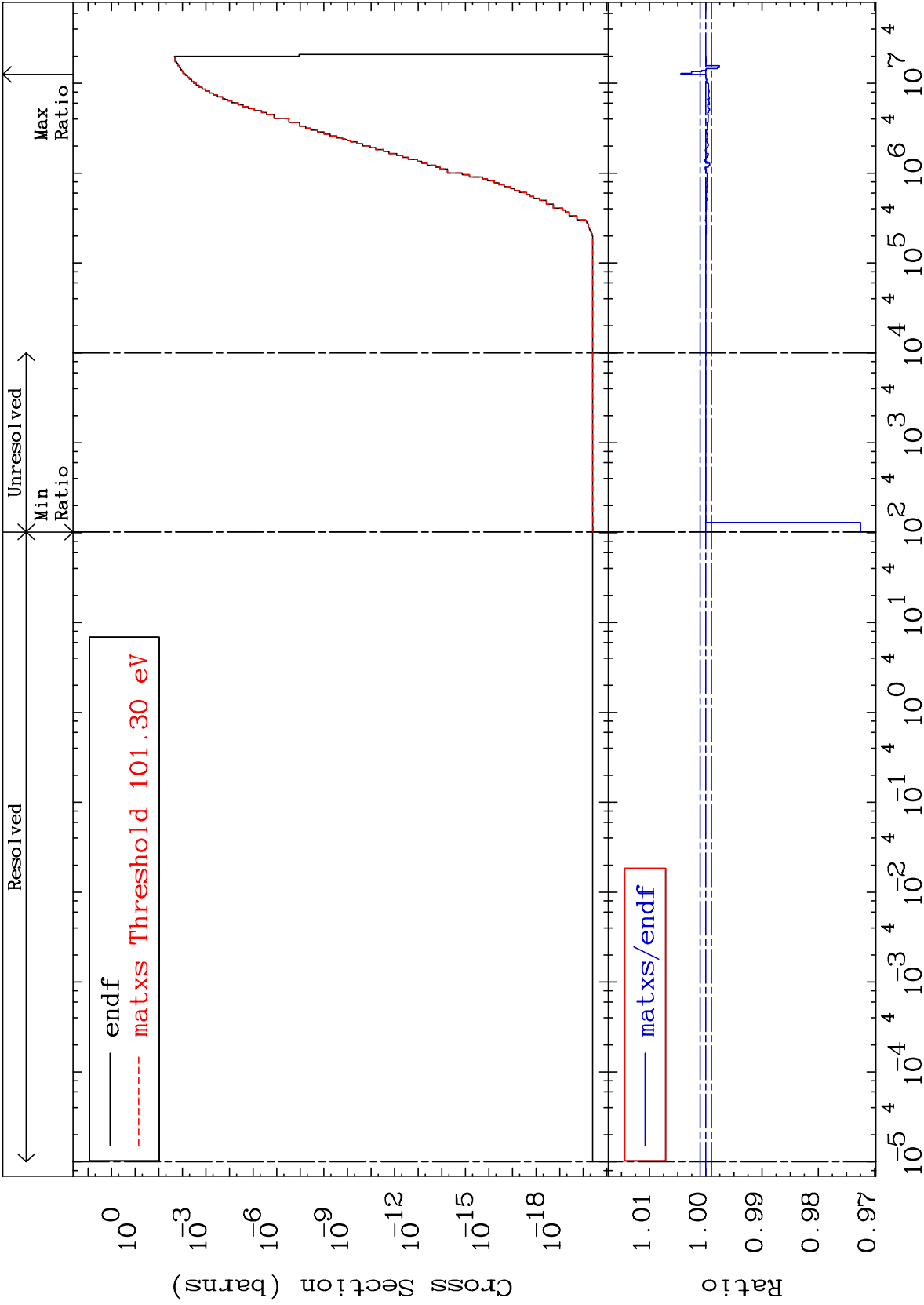
MAT 7128

(n,p)

71-Lu-176

Cross Section

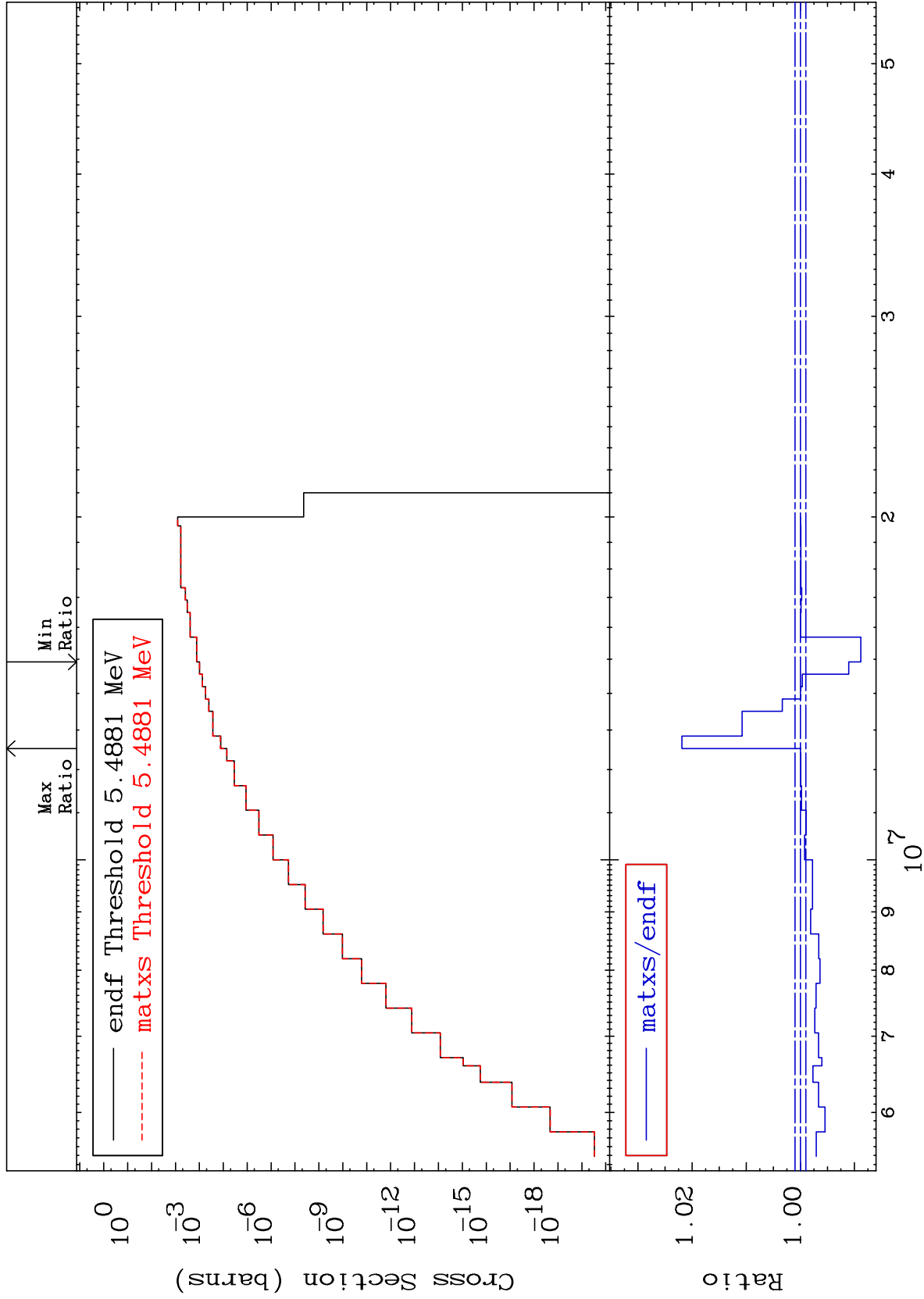
-2.751 To 0.442 %



MAT 7128

<sup>71</sup>Lu-176  
-1.118 To 2.188 %

(n, d)  
Cross Section



30

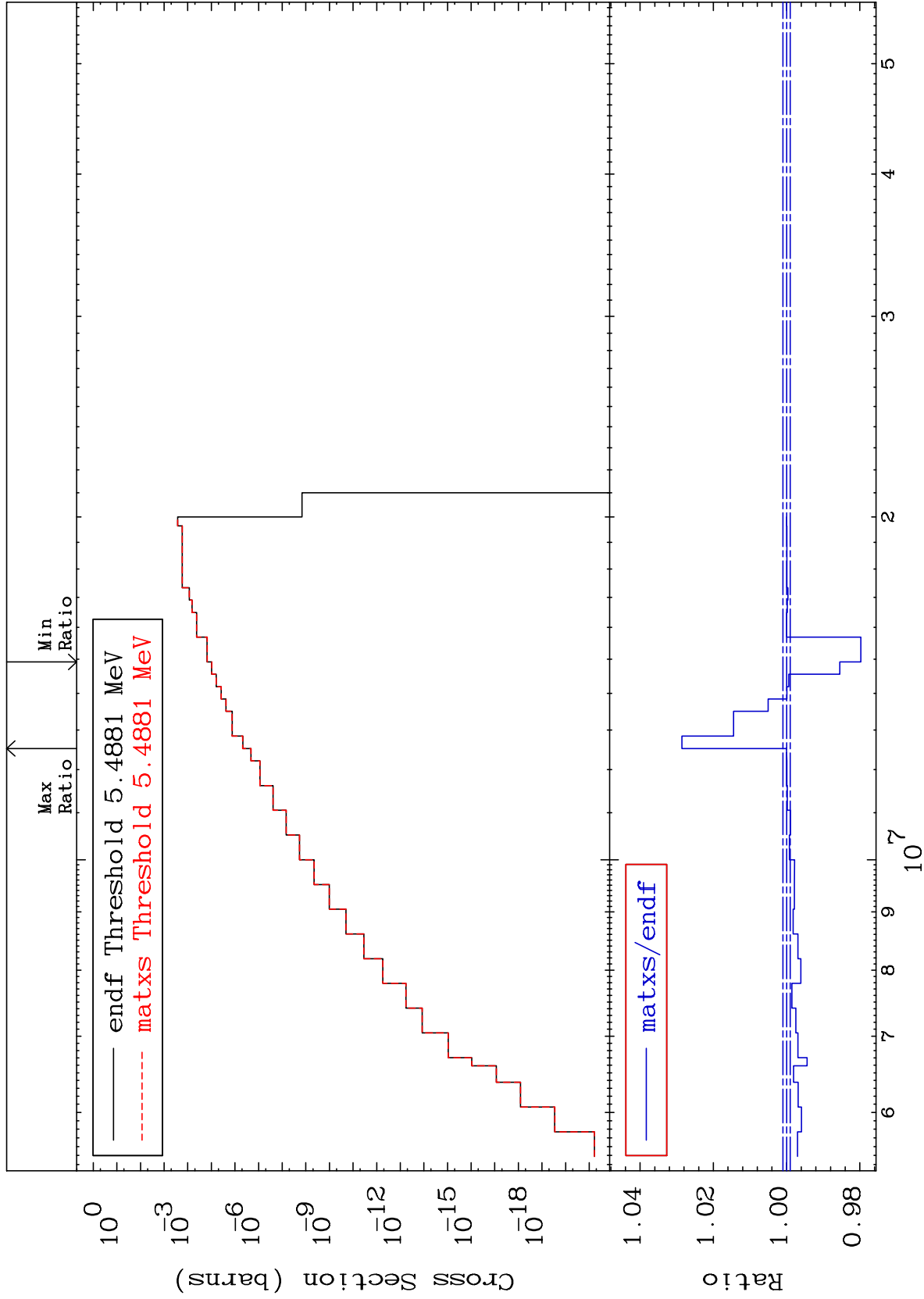
Incident Energy (eV)

<sup>71</sup>Lu-176

MAT 7128

71-Lu-176  
-2.027 To 2.857 %

(n, t)  
Cross Section





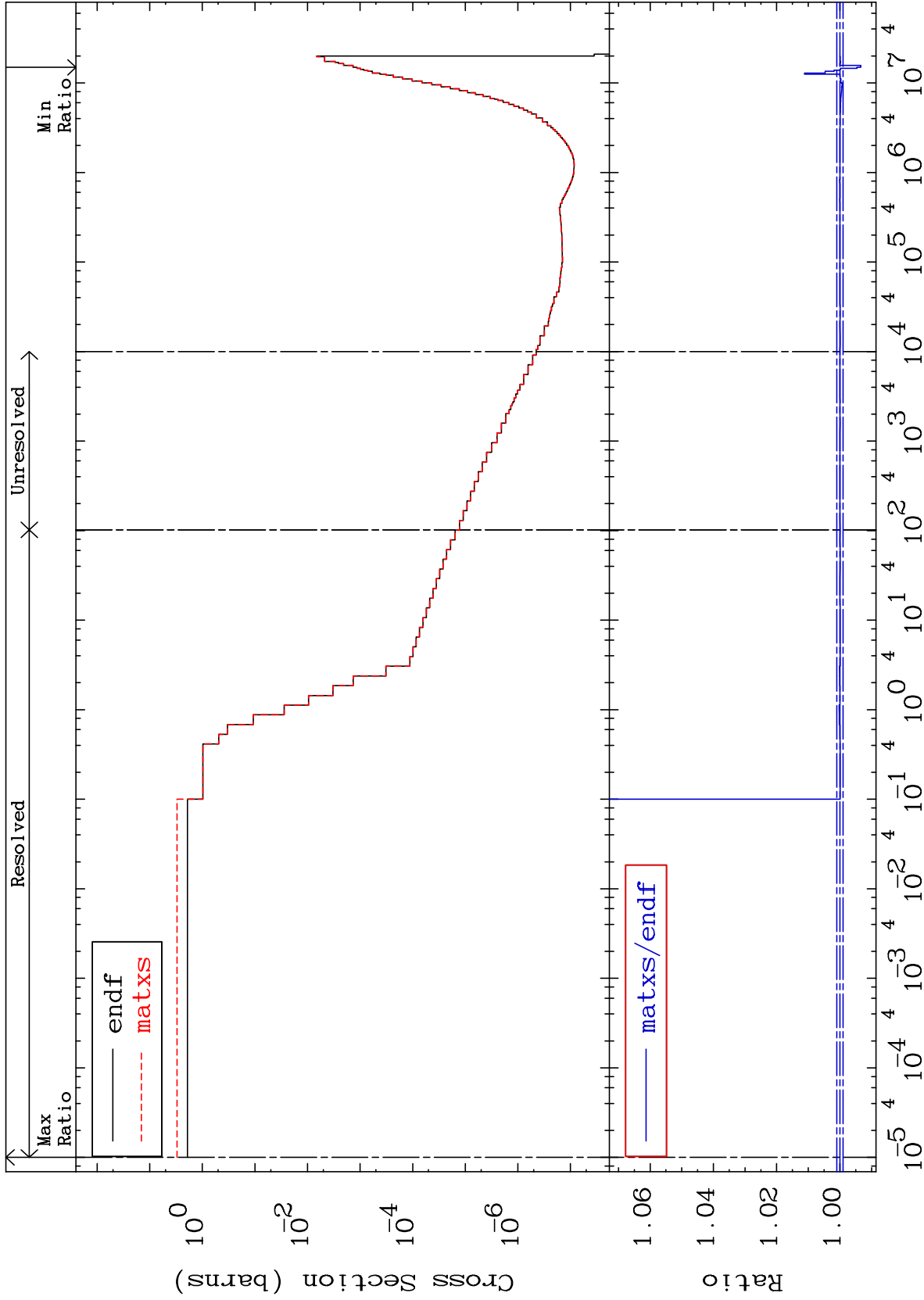
MAT 7128

(n,  $\alpha$ )

71-Lu-176

Cross Section

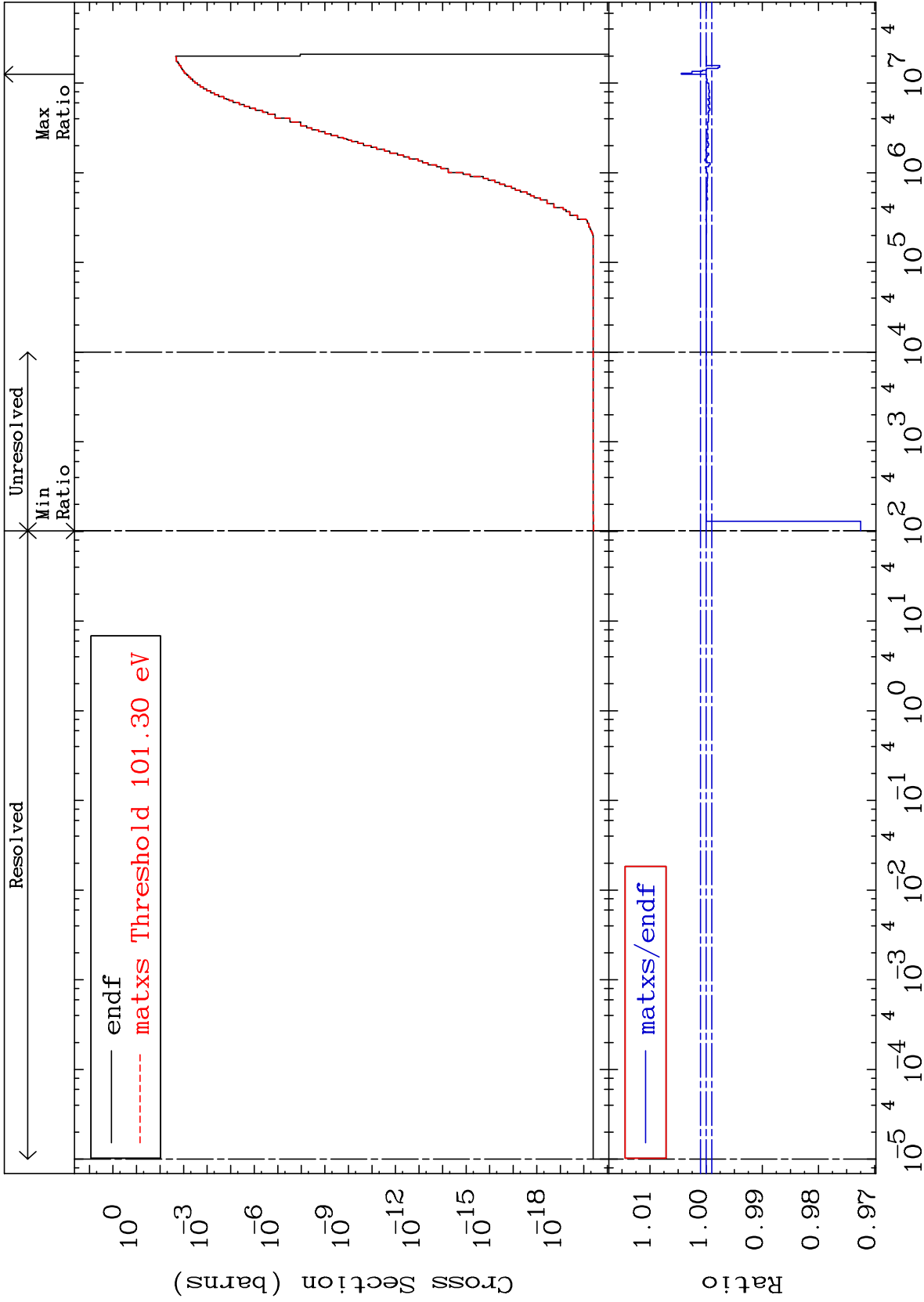
-0.661 To 58.59 %



MAT 7128

564.7 keV (n,p') Level  
Cross Section

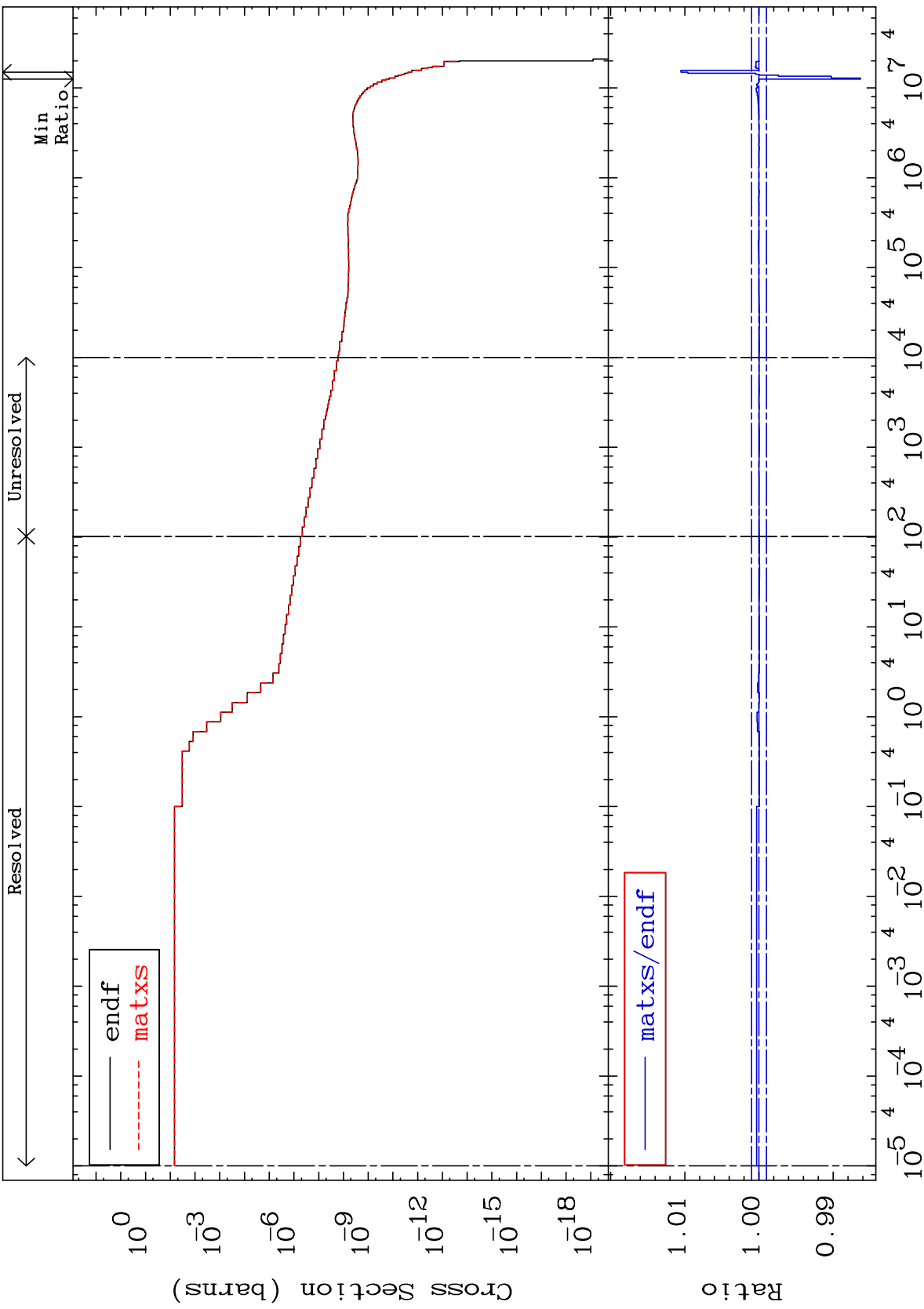
71-Lu-176  
-2.751 To 0.442 %



MAT 7128

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

71-Lu-176  
-1.370 To 1.052 %



34

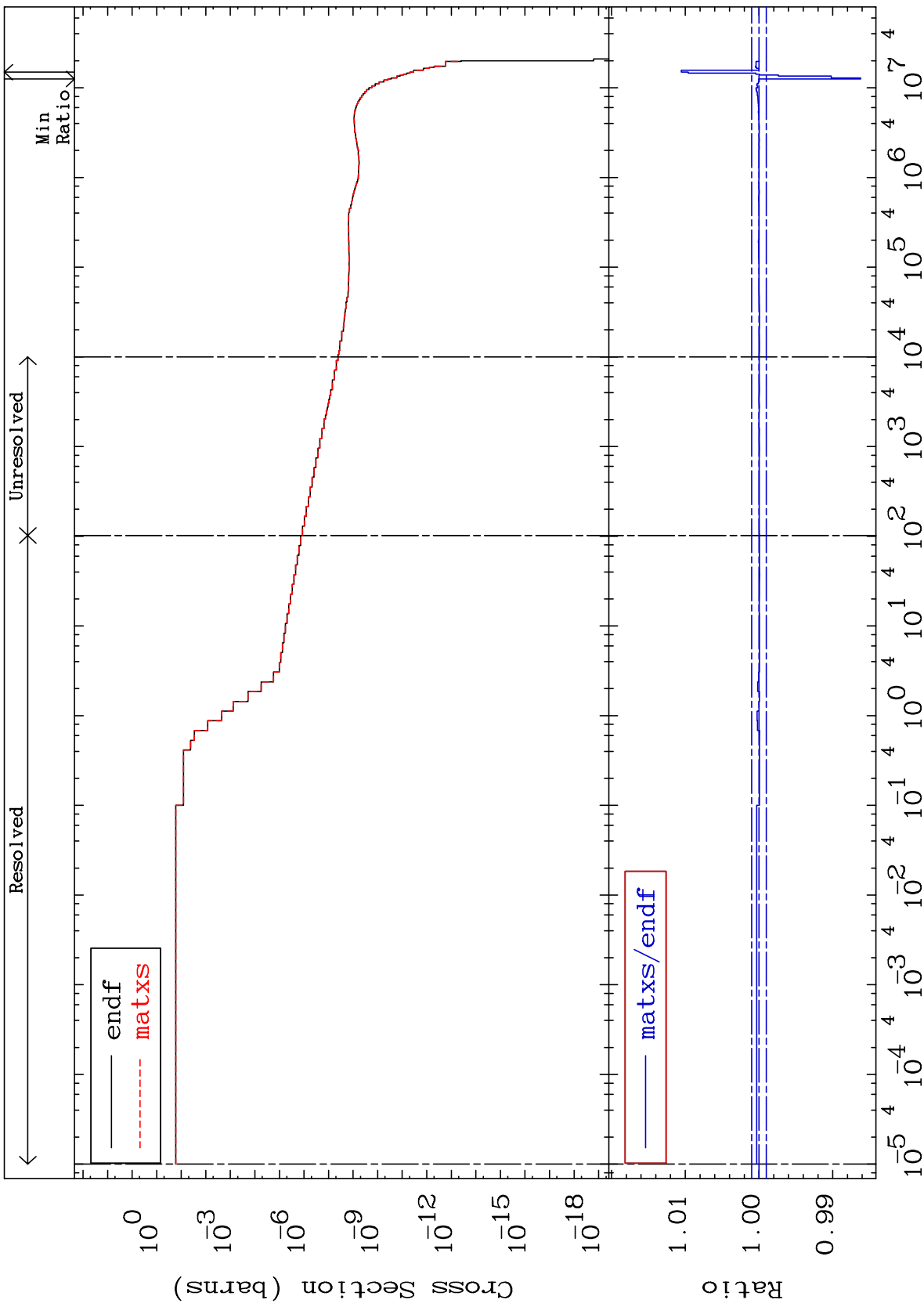
Incident Energy (eV)

71-Lu-176

MAT 7128

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

71-Lu-176  
-1.379 To 1.053 %



35

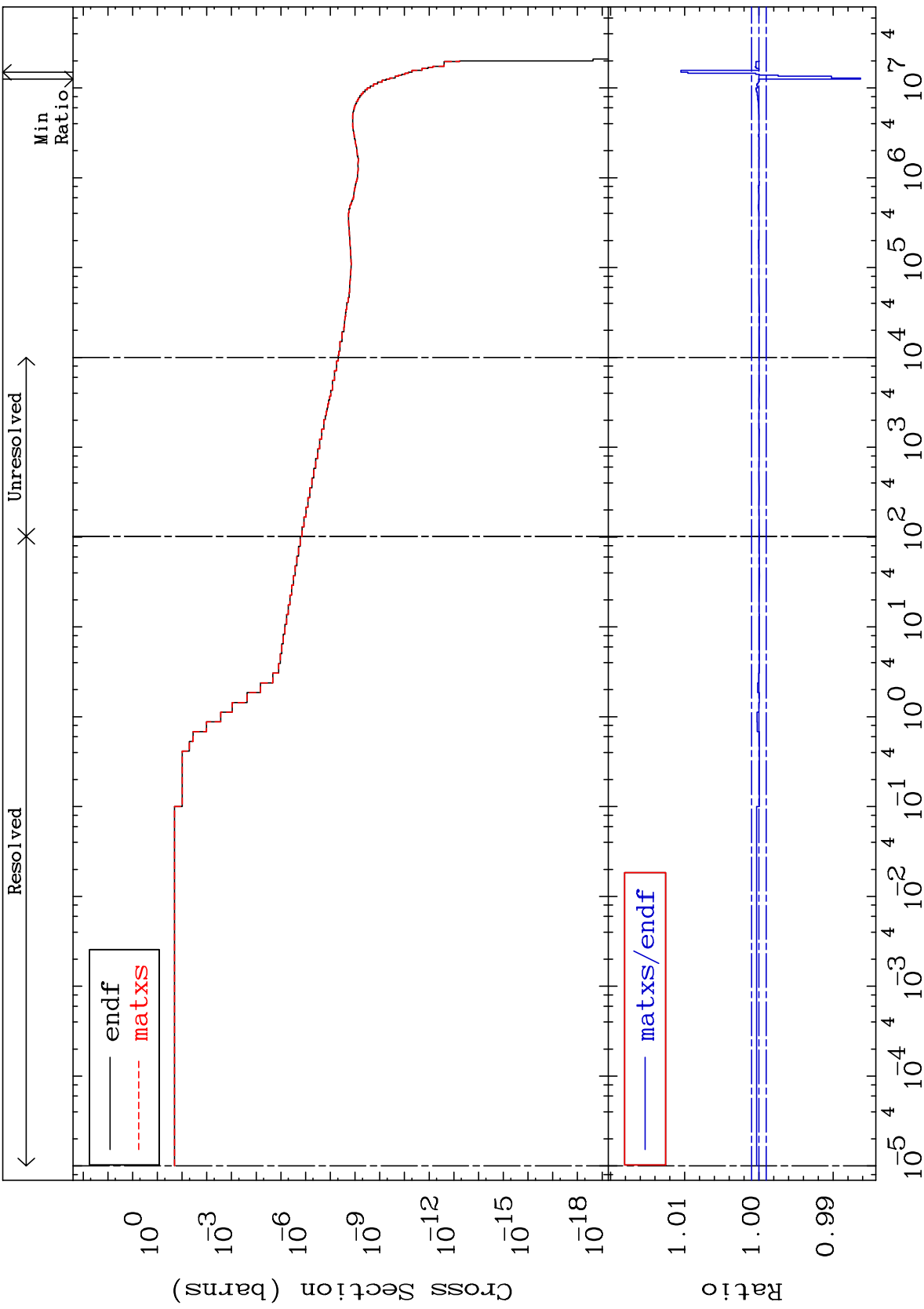
Incident Energy (eV)

71-Lu-176

MAT 7128

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

71-Lu-176  
-1.371 To 1.051 %



36

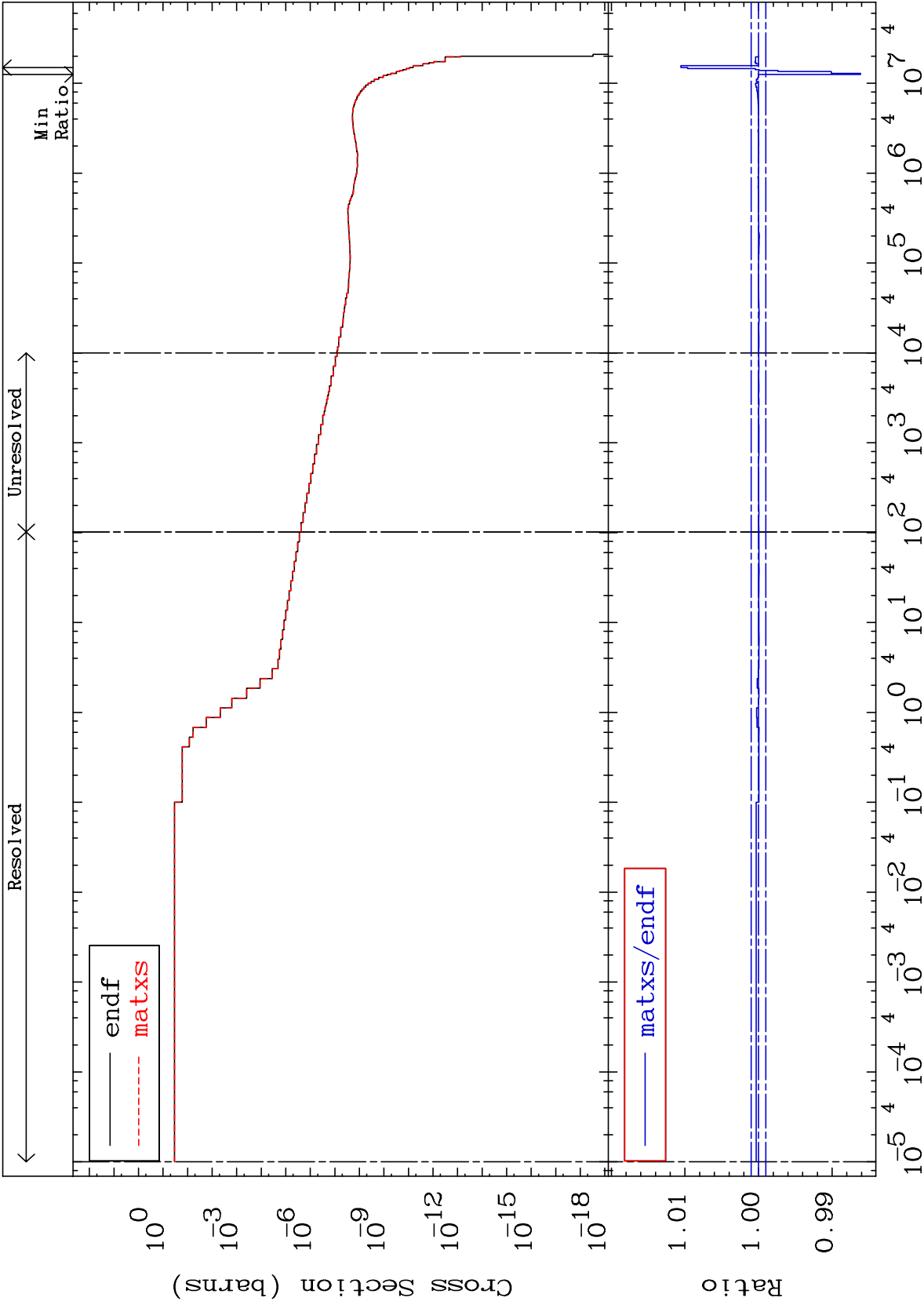
Incident Energy (eV)

71-Lu-176

MAT 7128

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

71-Lu-176  
-1.386 To 1.055 %



37

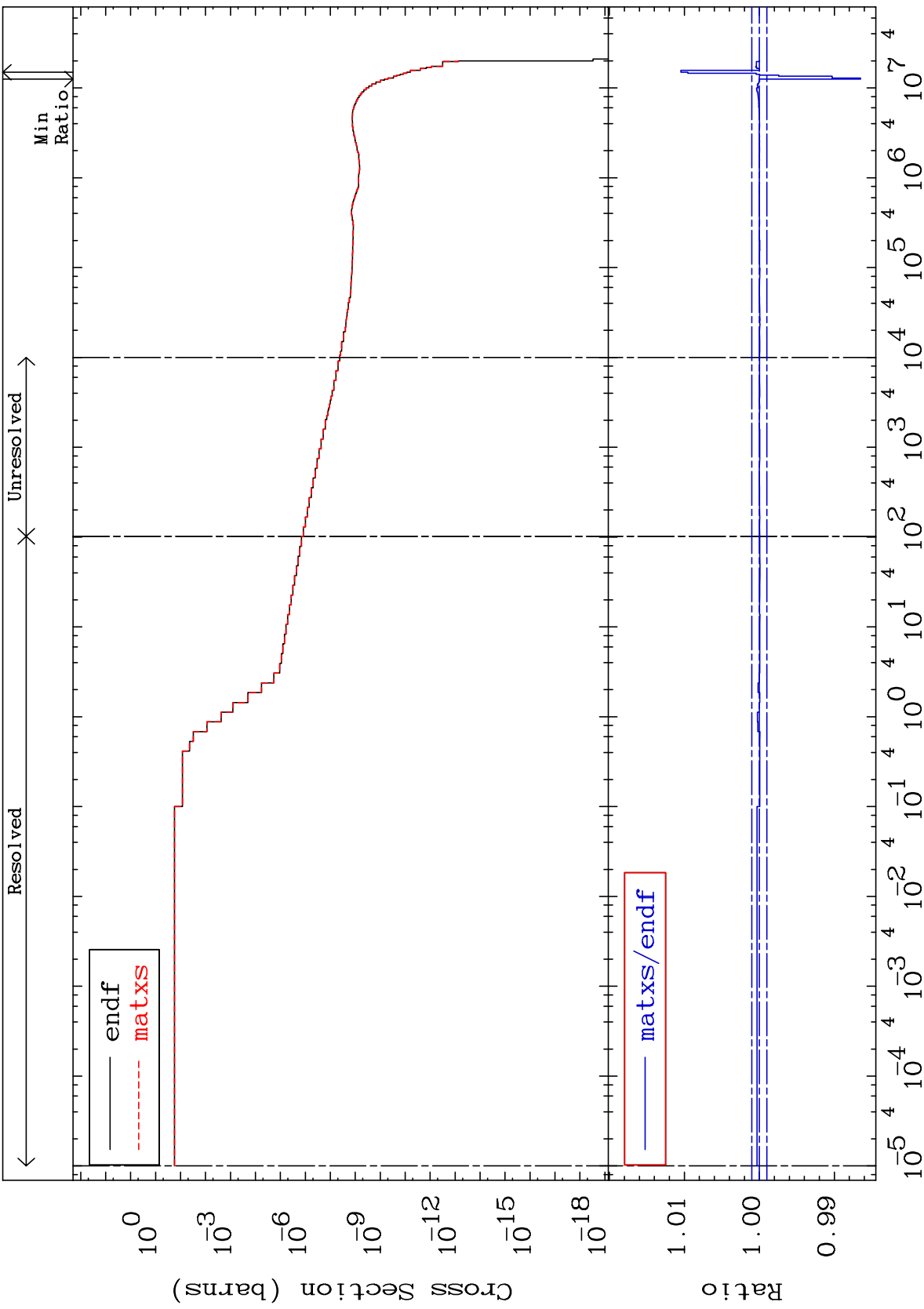
Incident Energy (eV)

71-Lu-176

MAT 7128

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

71-Lu-176  
-1.349 To 1.046 %



38

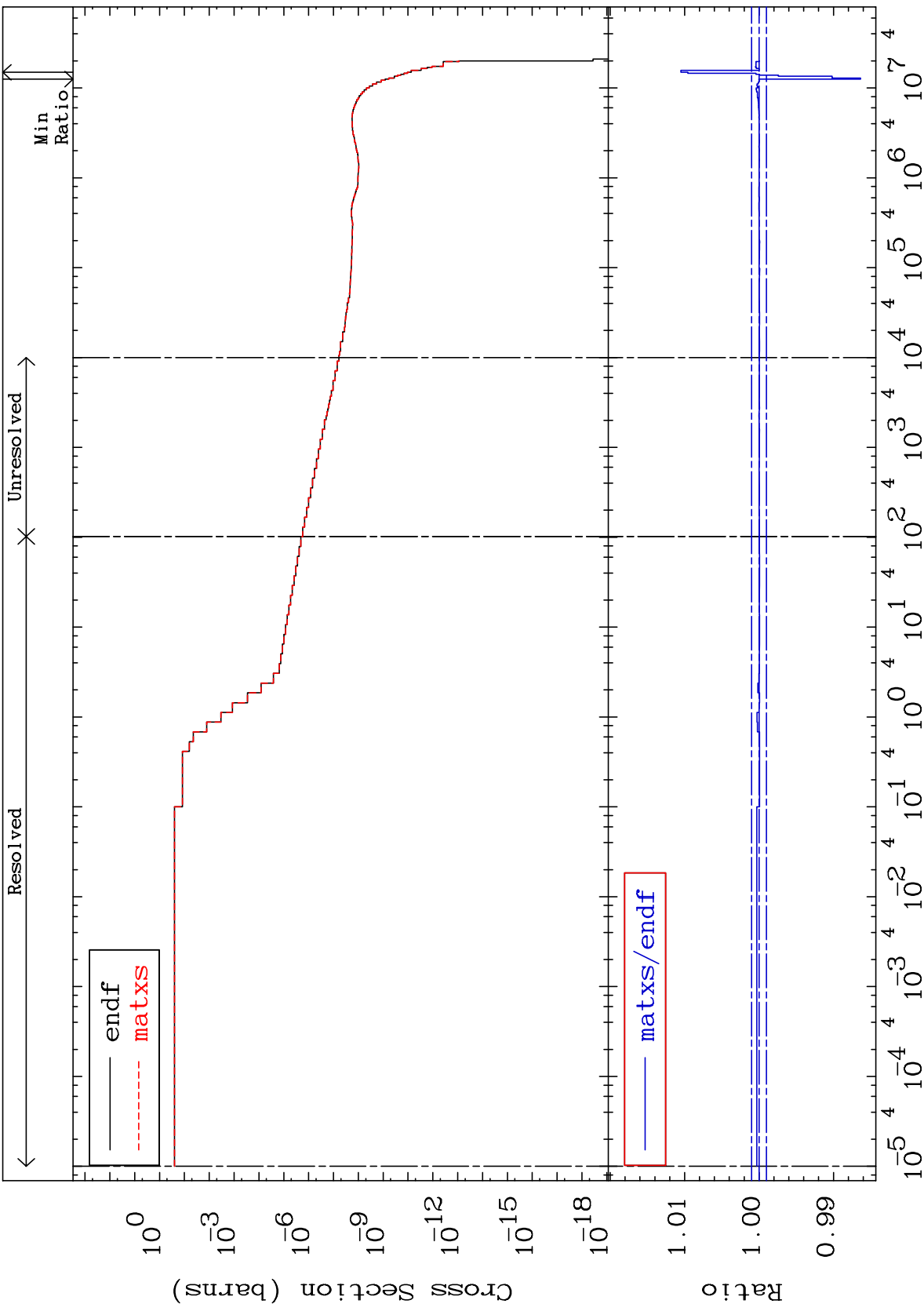
Incident Energy (eV)

71-Lu-176

MAT 7128

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

71-Lu-176  
-1.363 To 1.050 %



39

Incident Energy (eV)

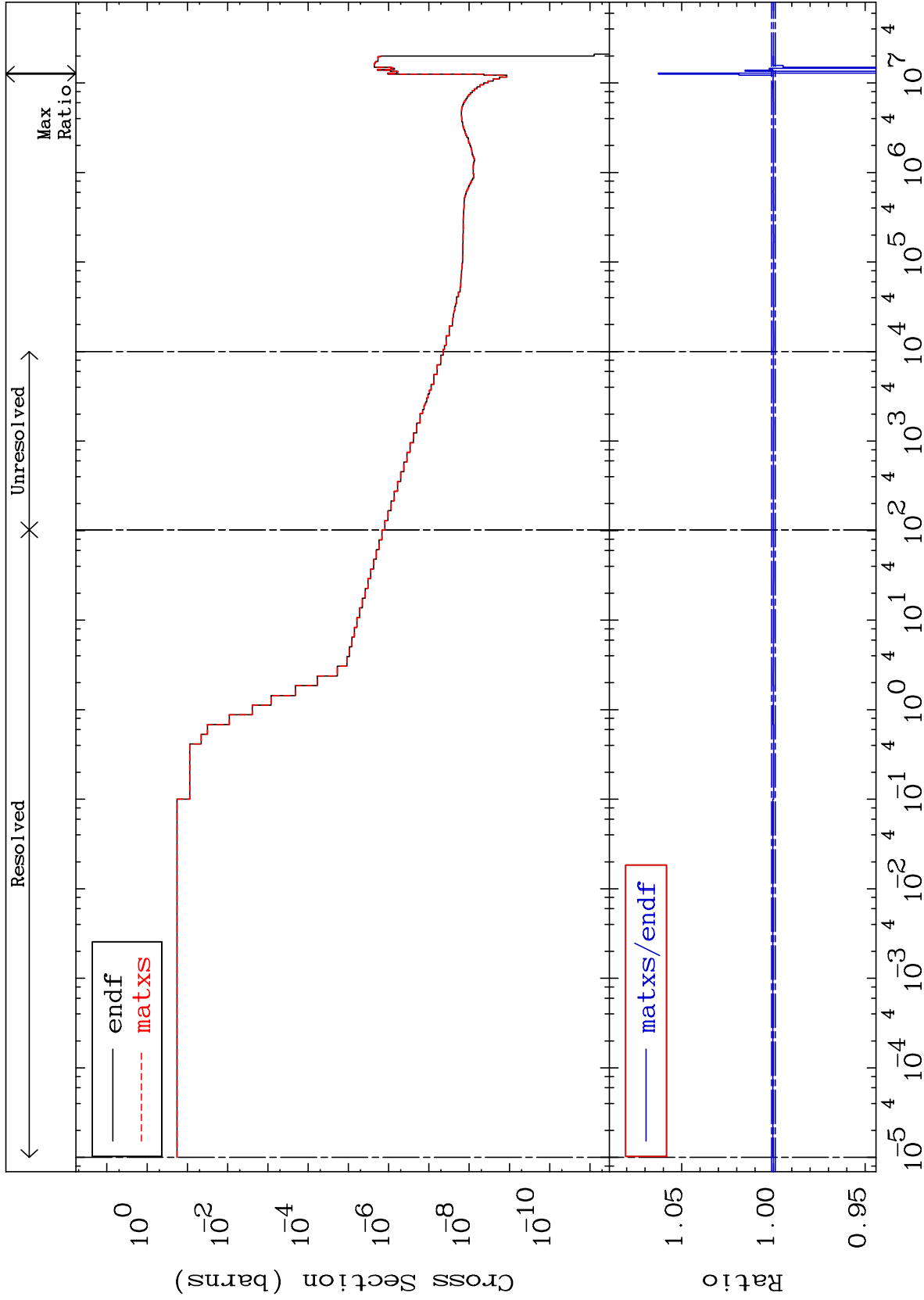
71-Lu-176



MAT 7128

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

71-Lu-176  
-6.397 To 6.272 %



40

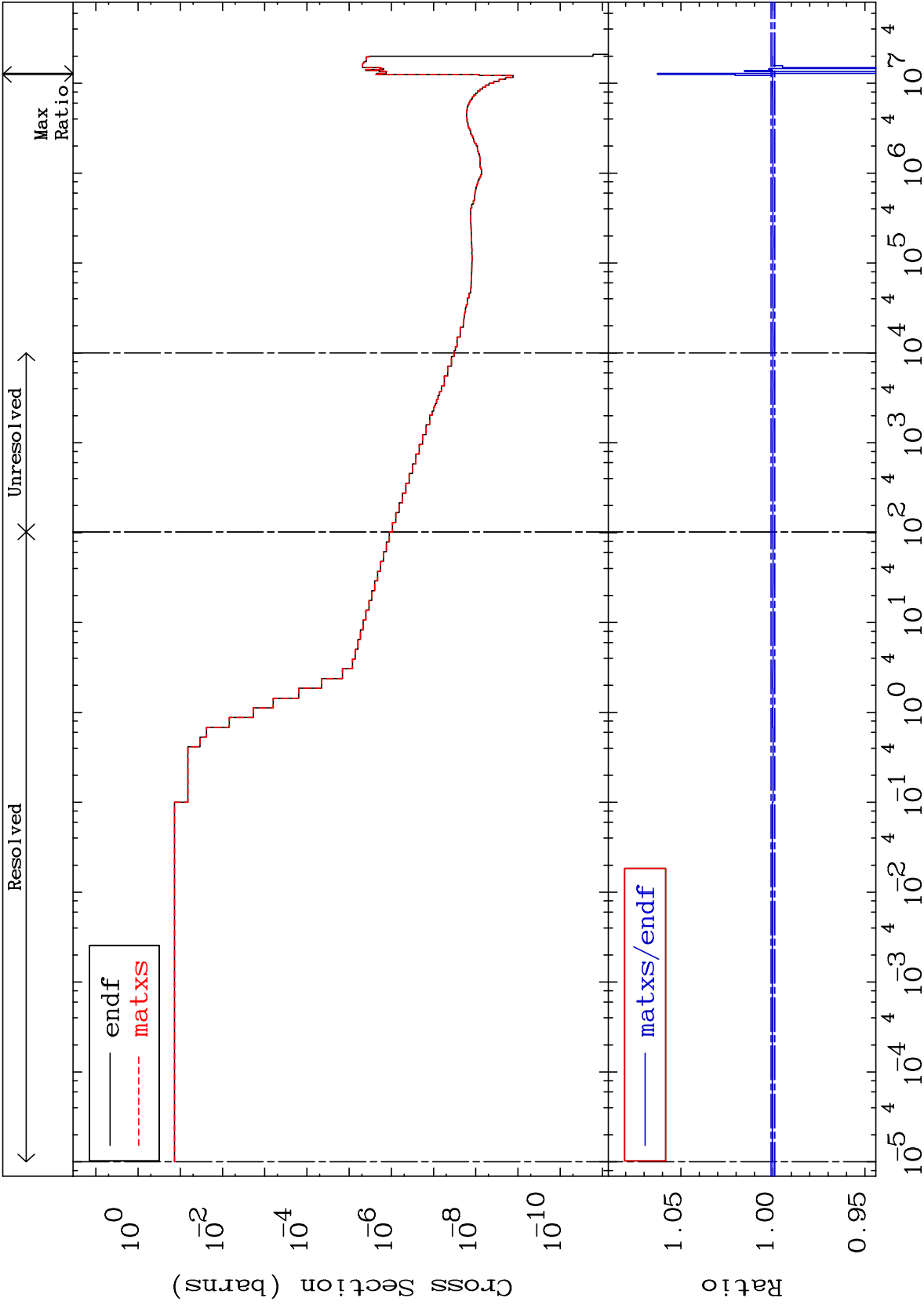
Incident Energy (eV)

71-Lu-176

MAT 7128

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

71-Lu-176  
-6.398 To 6.274 %



41

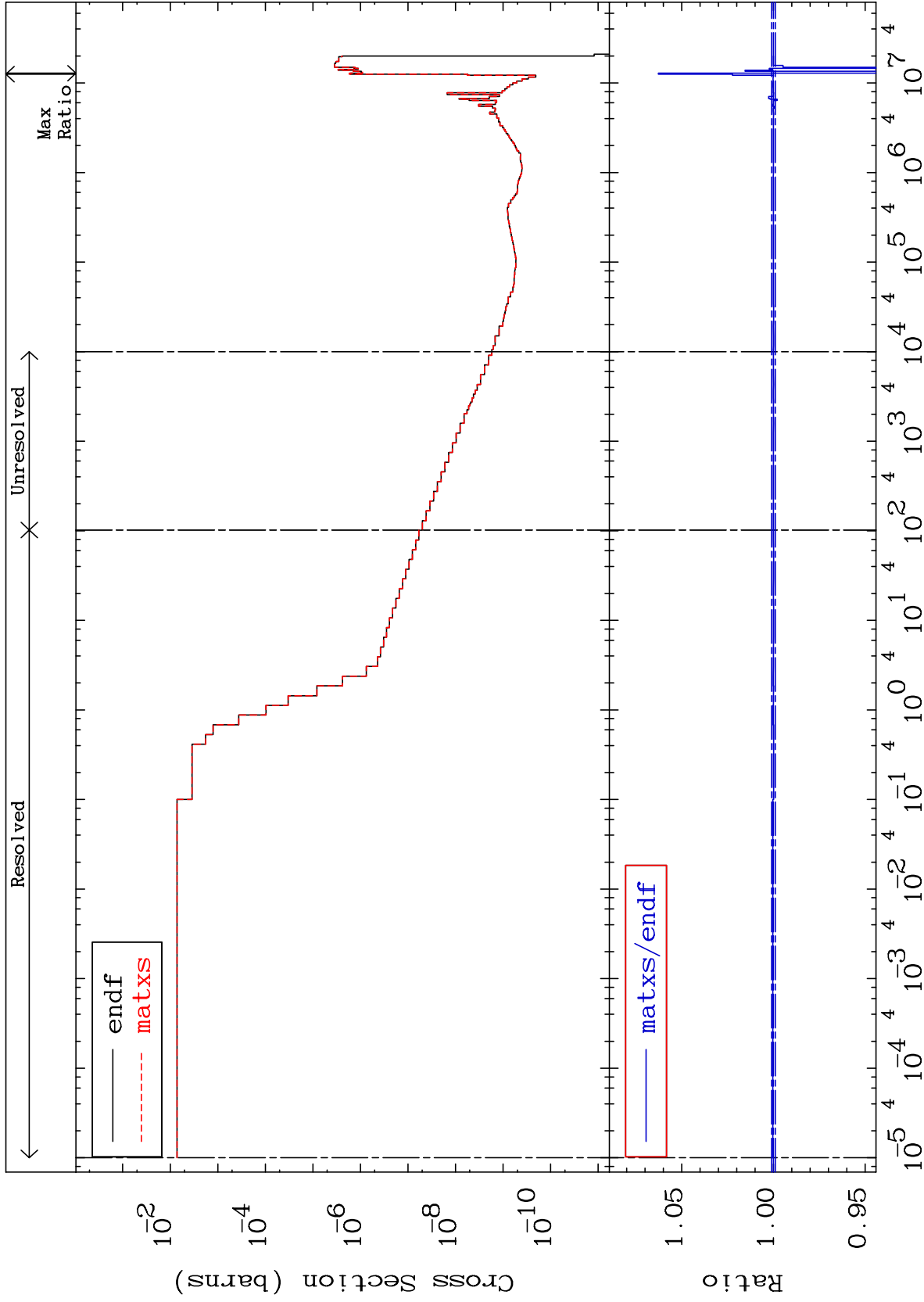
Incident Energy (eV)

71-Lu-176

MAT 7128

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

<sup>71</sup>Lu-176  
-6.399 To 6.275 %



42

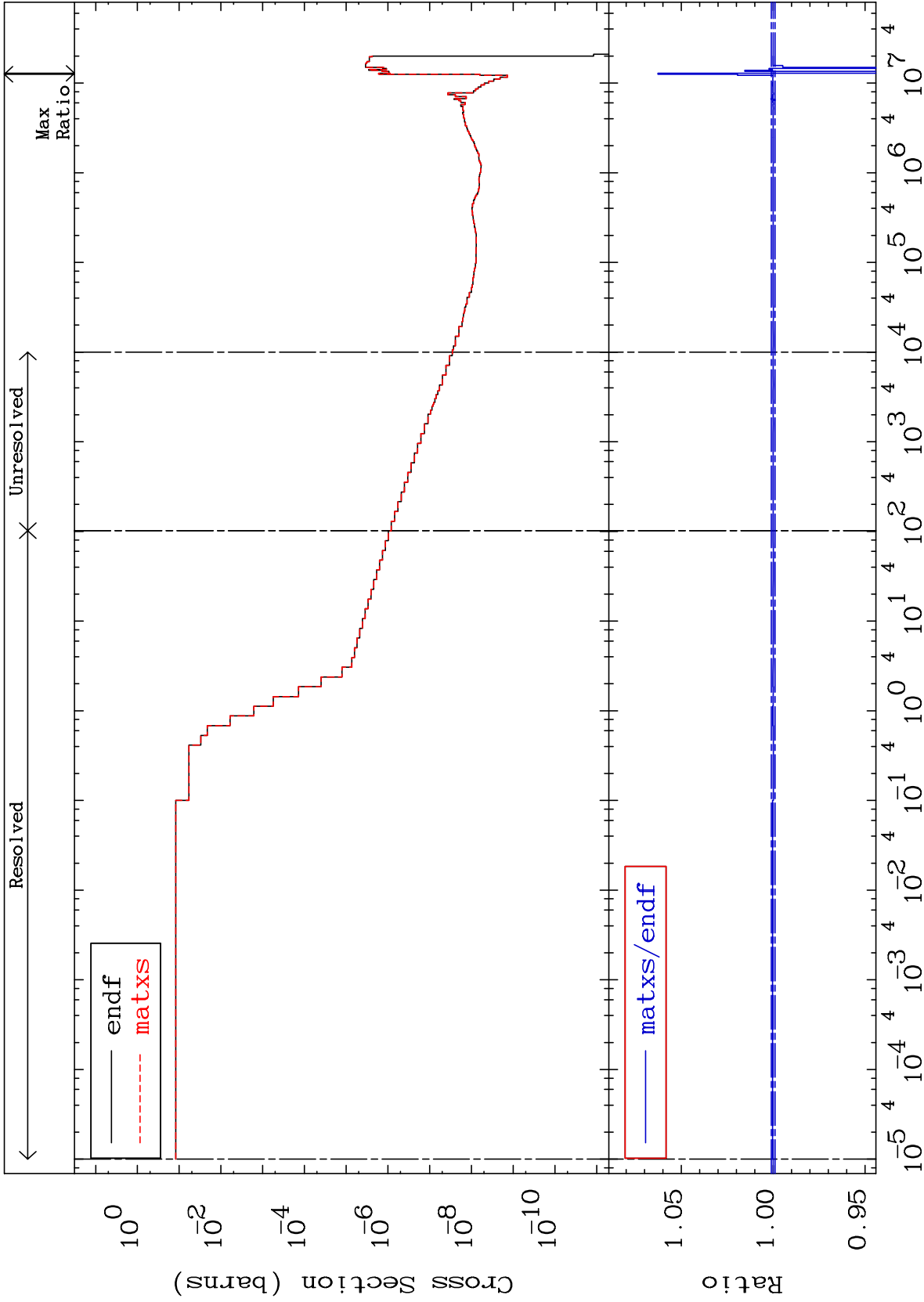
Incident Energy (eV)

<sup>71</sup>Lu-176

MAT 7128

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

71-Lu-176  
-6.397 To 6.272 %



43

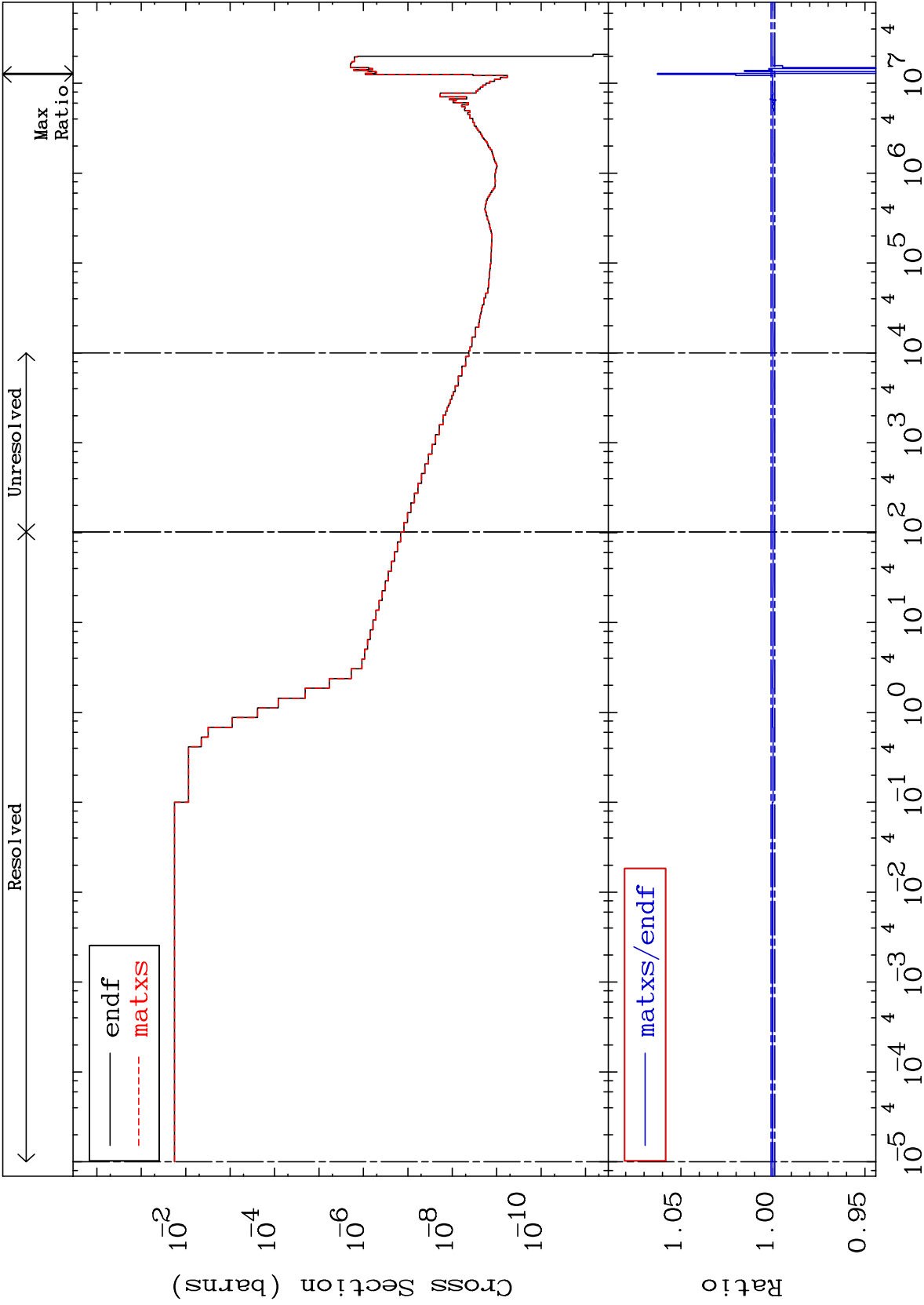
Incident Energy (eV)

71-Lu-176

MAT 7128

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

<sup>71</sup>Lu-176  
-6.398 To 6.273 %



44

Incident Energy (eV)

<sup>71</sup>Lu-176

MAT 7128

749.8 keV (n,α') Level  
Cross Section

71-Lu-176  
-0.663 To 472.6 %

