

Program Complot
(Version 2015-2)

by

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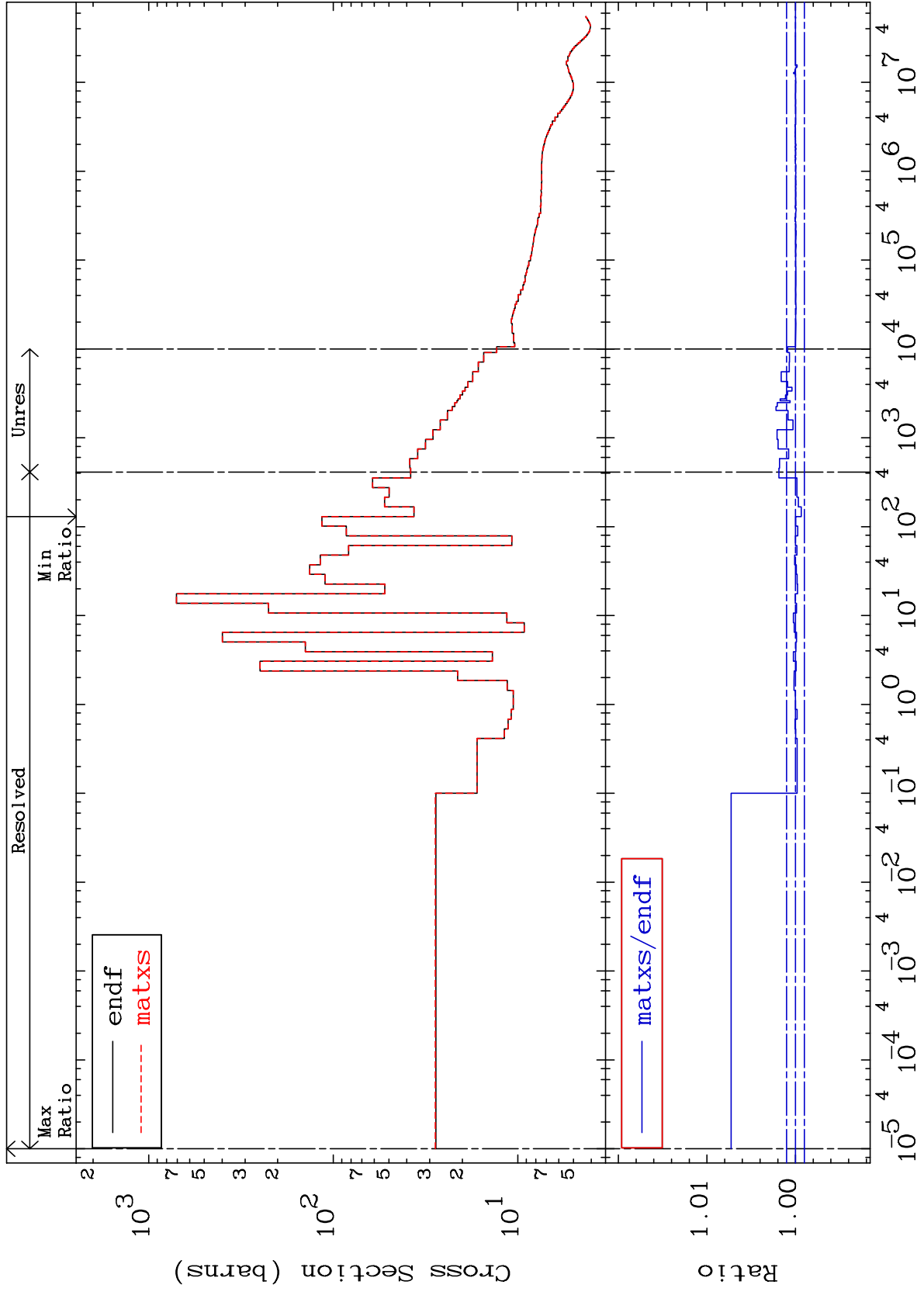
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7125

Total
Cross Section

71-Lu-175
-0.064 To 0.726 %

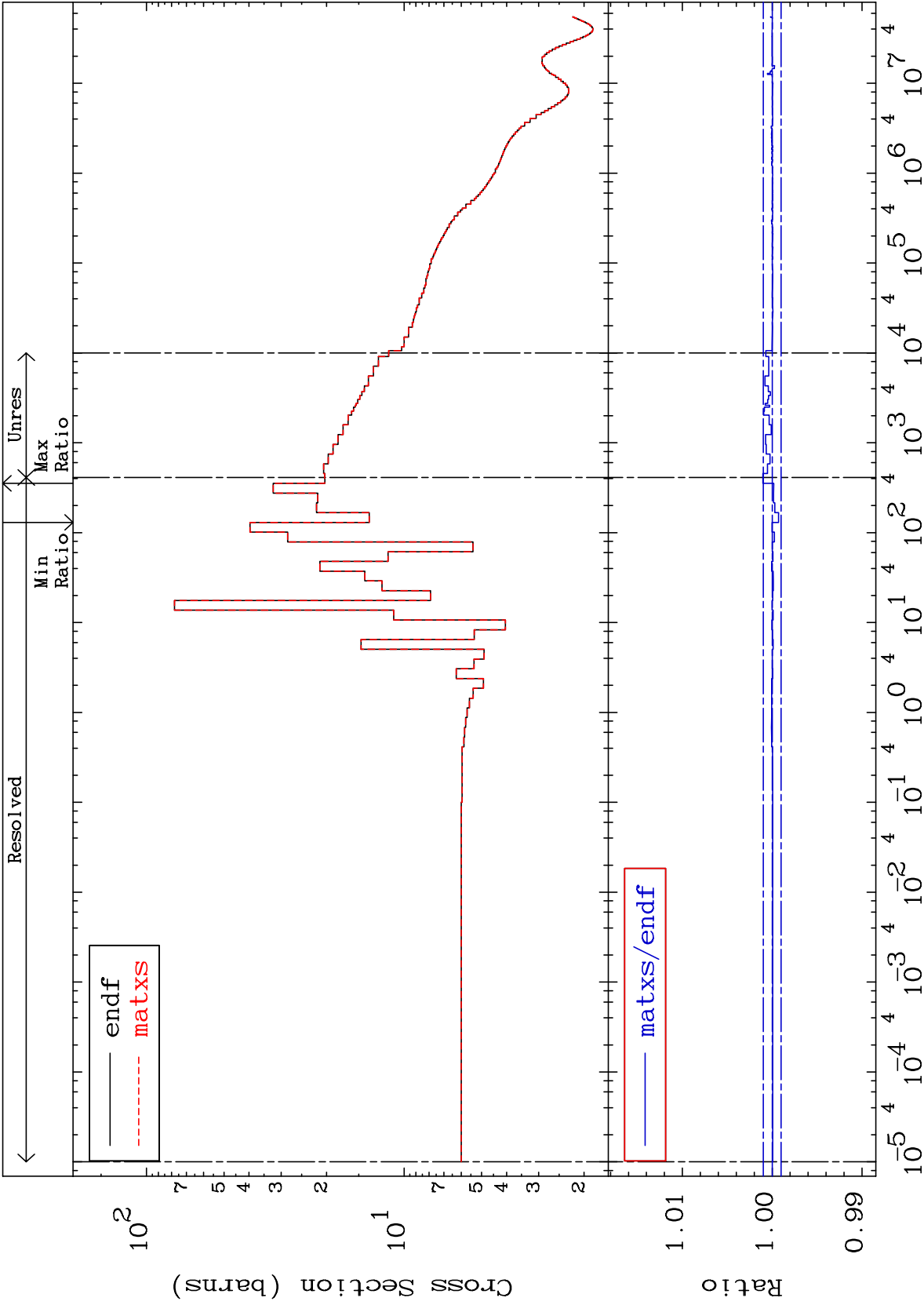


71-Lu-175

MAT 7125

Elastic
Cross Section

71-Lu-175
-0.071 To 0.104 %



2

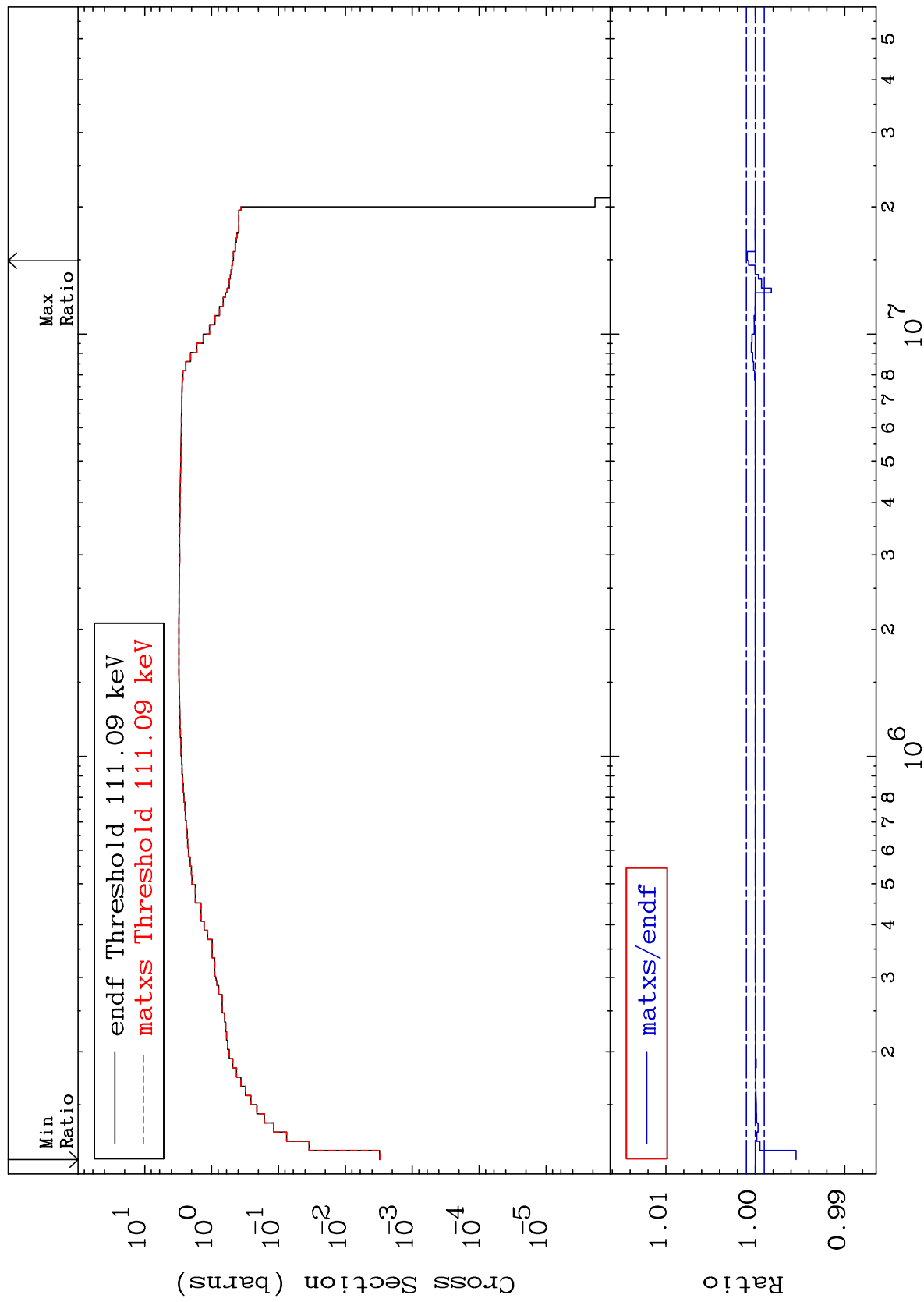
Incident Energy (eV)

71-Lu-175

MAT 7125

Inelastic
Cross Section

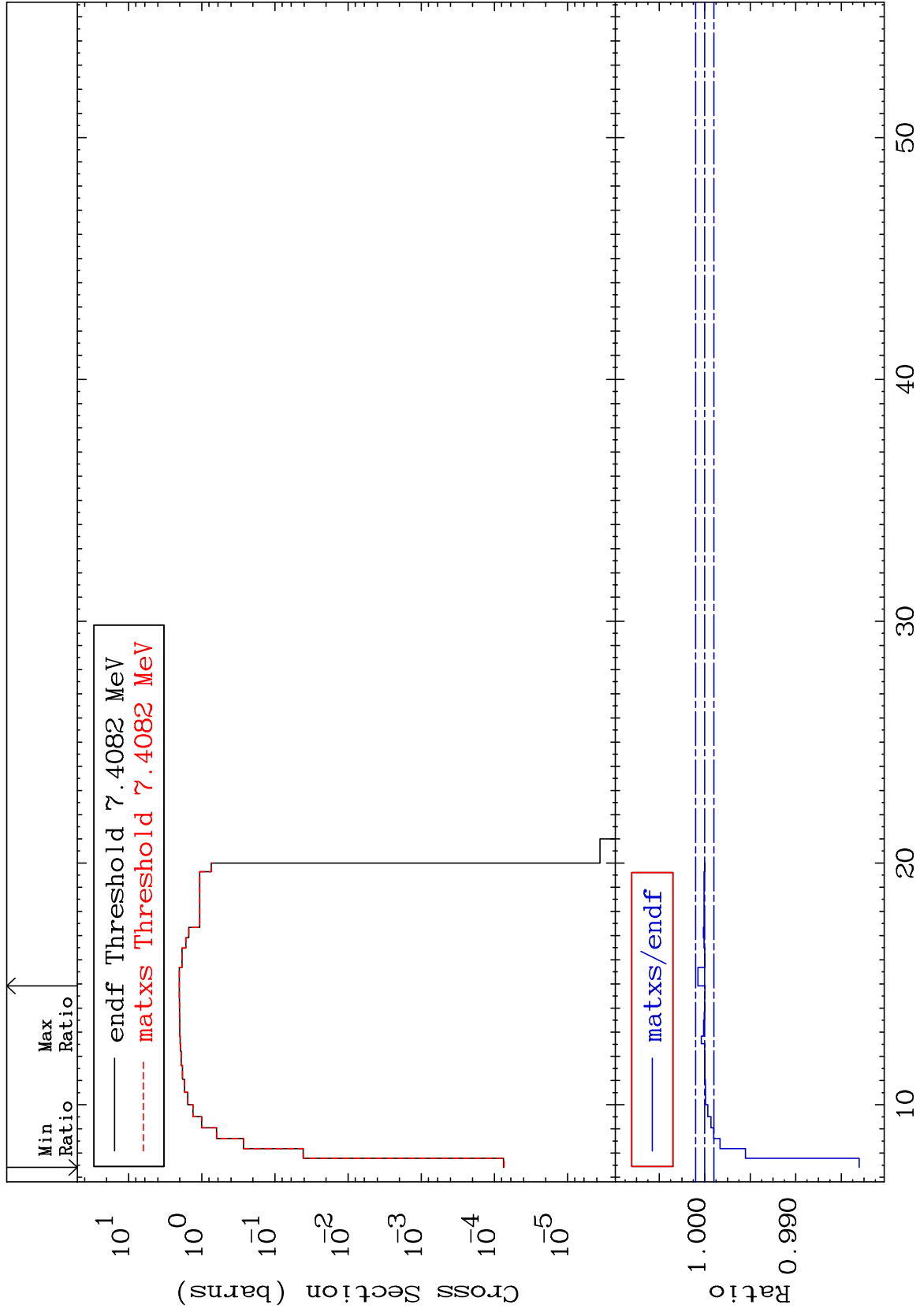
71-Lu-175
-0.455 To 0.090 %



MAT 7125

(n,2n)
Cross Section

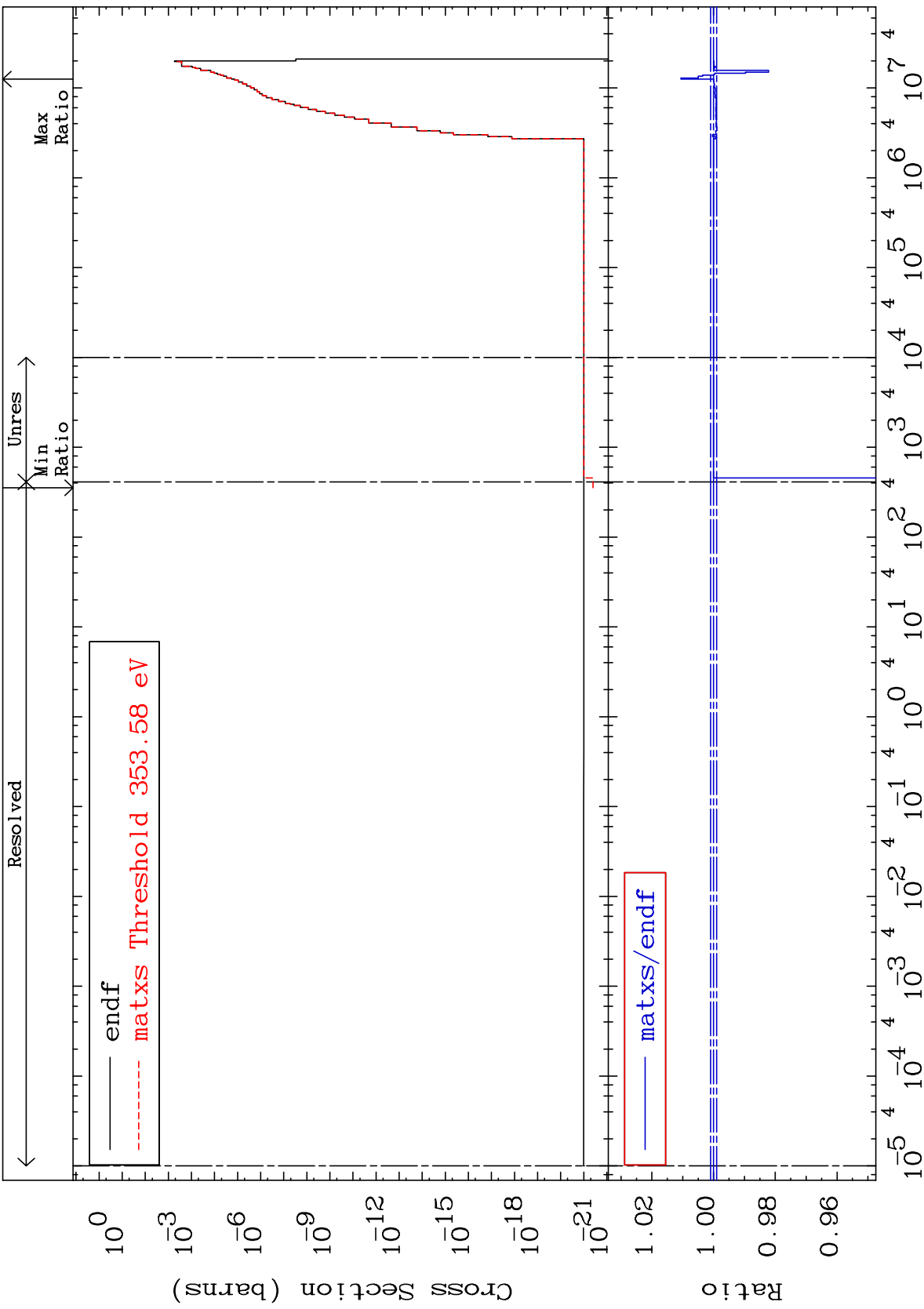
⁷¹Lu-175
-1.698 To 0.075 %



MAT 7125

(n, n') α
Cross Section

71-Lu-175
-60.20 To 1.058 %



5

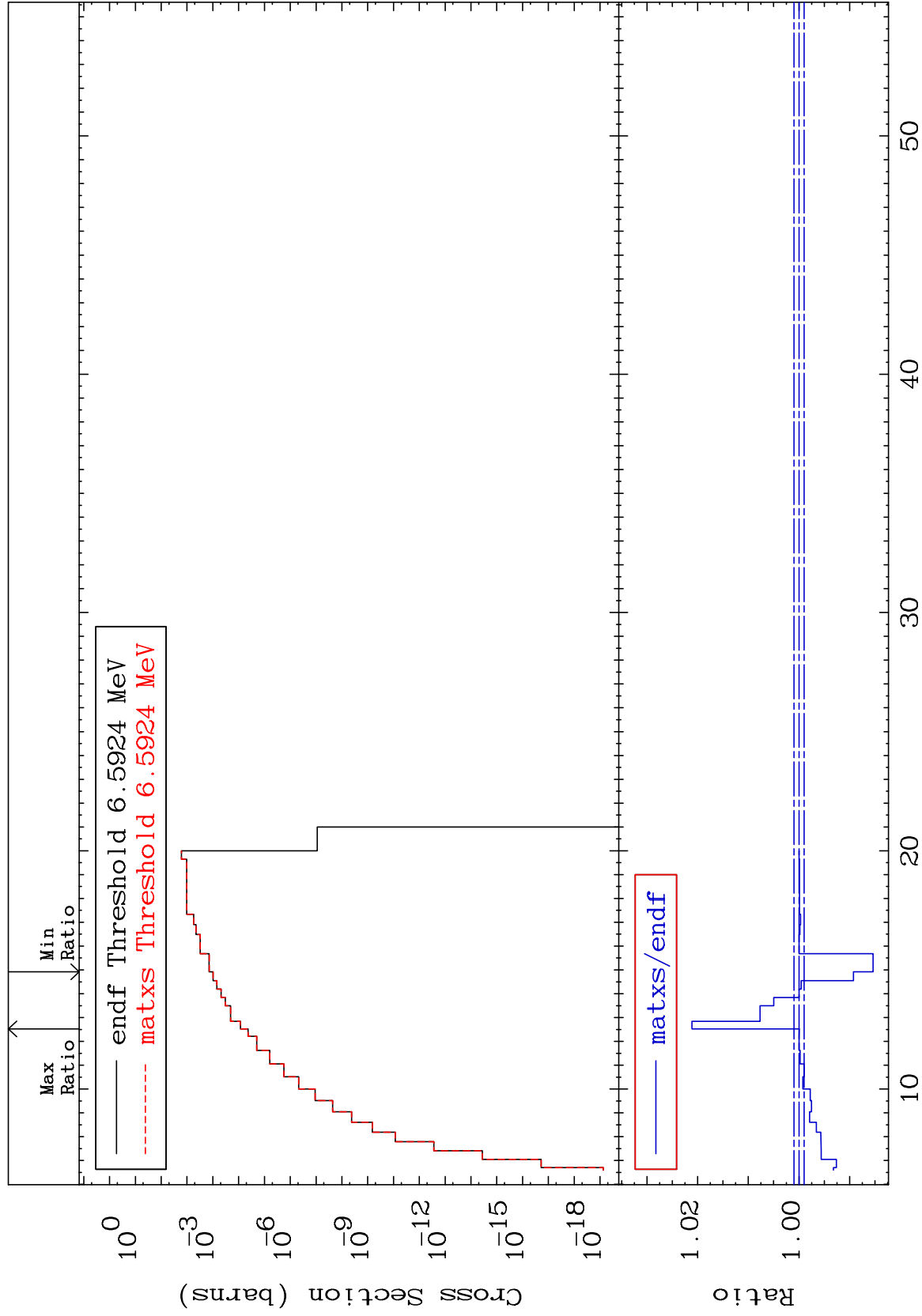
Incident Energy (eV)

71-Lu-175

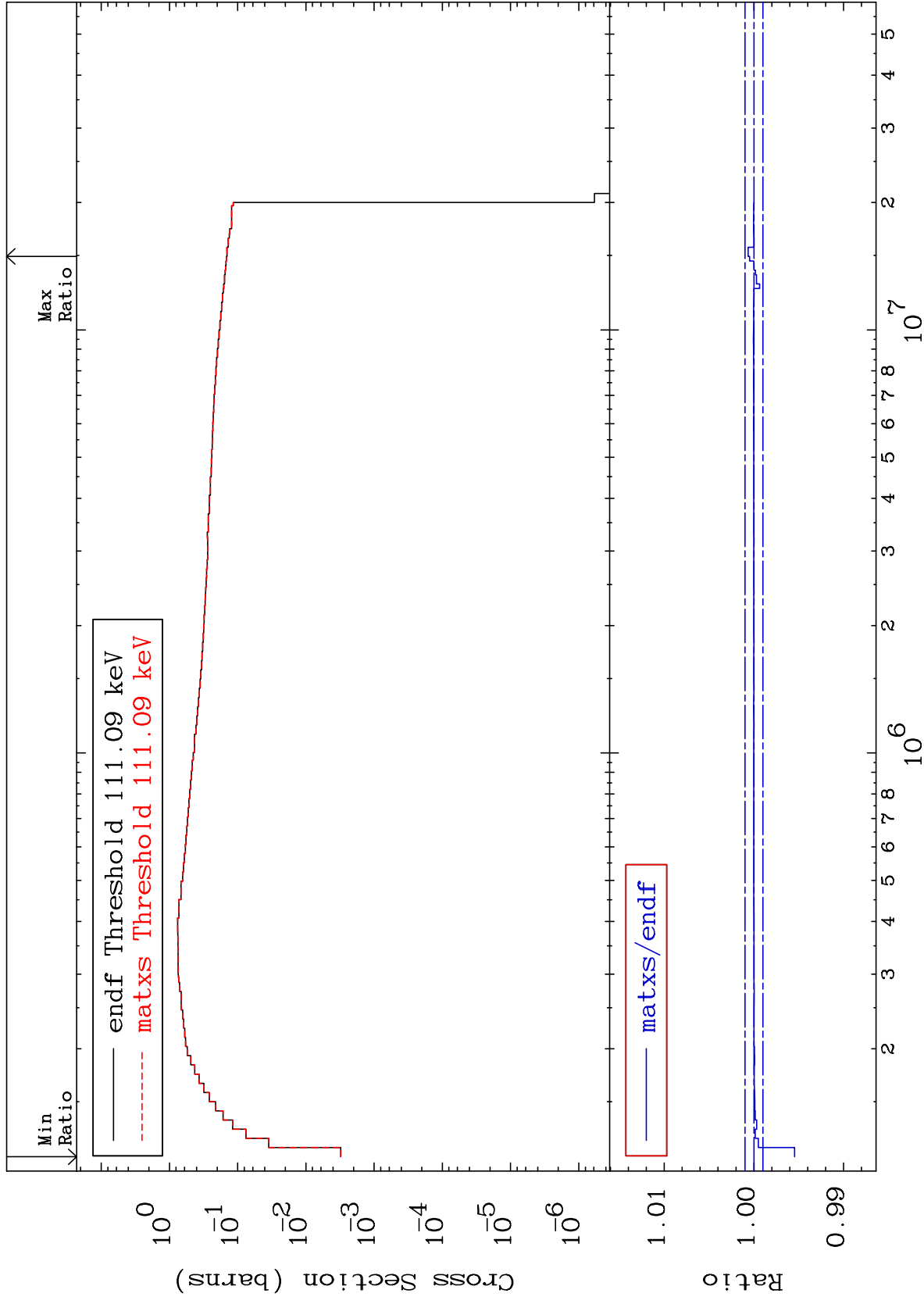
MAT 7125

(n, n') p
Cross Section

⁷¹Lu-175
-1.463 To 2.112 %



MAT 7125 113.8 keV (n,n') Level 71-Lu-175
 Cross Section -0.455 To 0.064 %

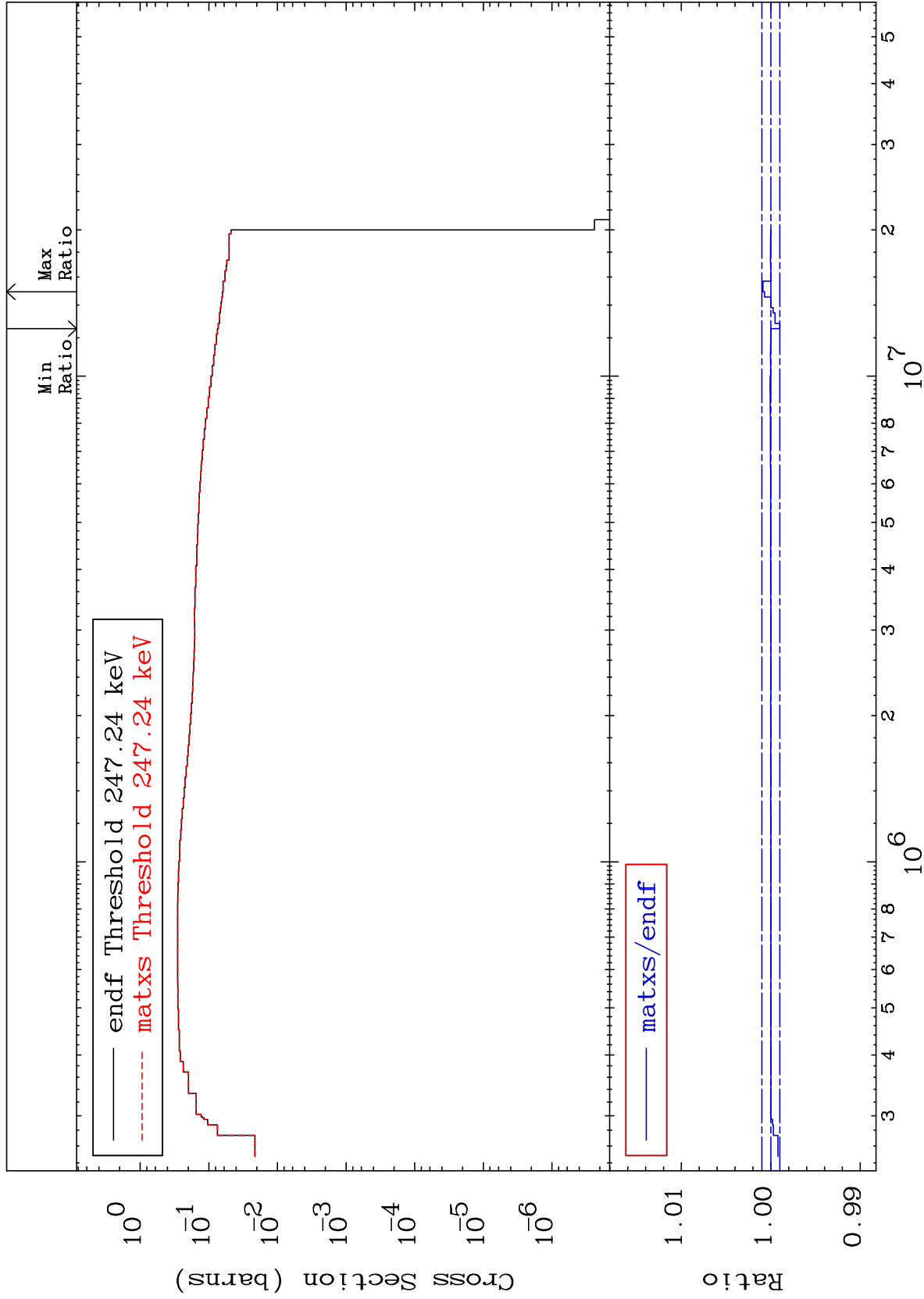


7 Incident Energy (eV) 71-Lu-175

MAT 7125

251.5 keV (n,n') Level
Cross Section

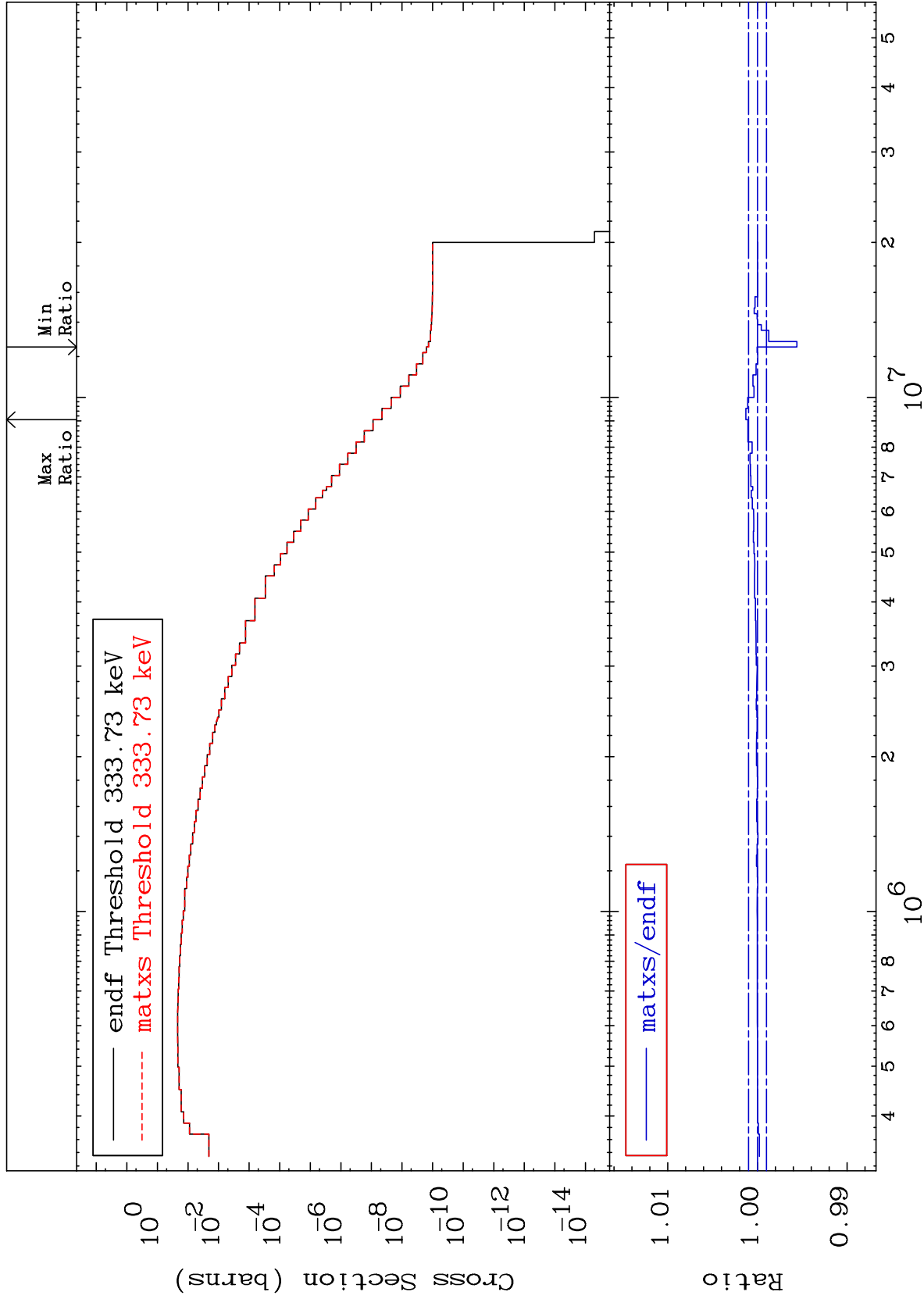
71-Lu-175
-0.100 To 0.088 %



MAT 7125

343.4 keV (n,n') Level
Cross Section

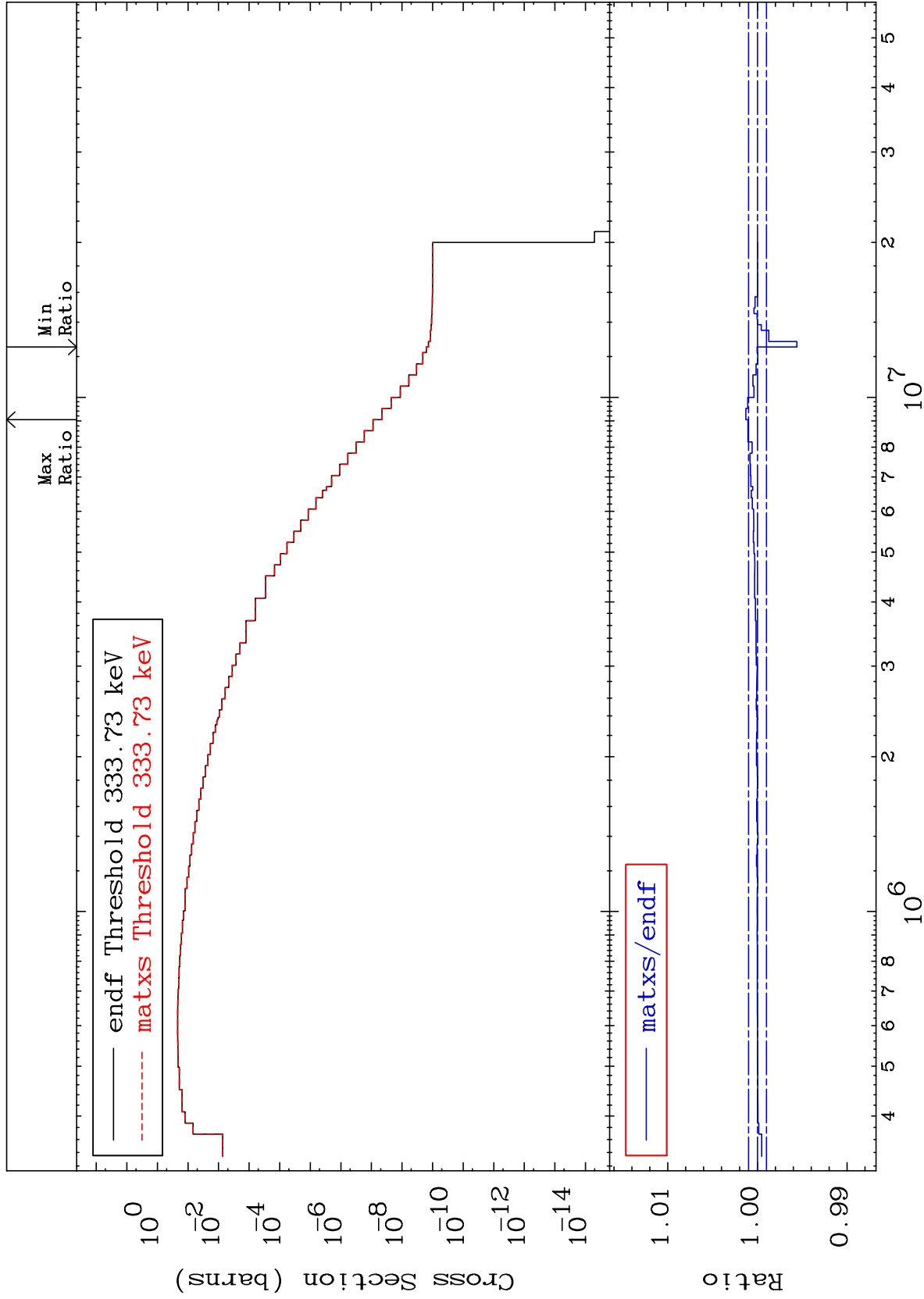
71-Lu-175
-0.440 To 0.128 %



MAT 7125

353.5 keV (n,n') Level
Cross Section

71-Lu-175
-0.440 To 0.128 %



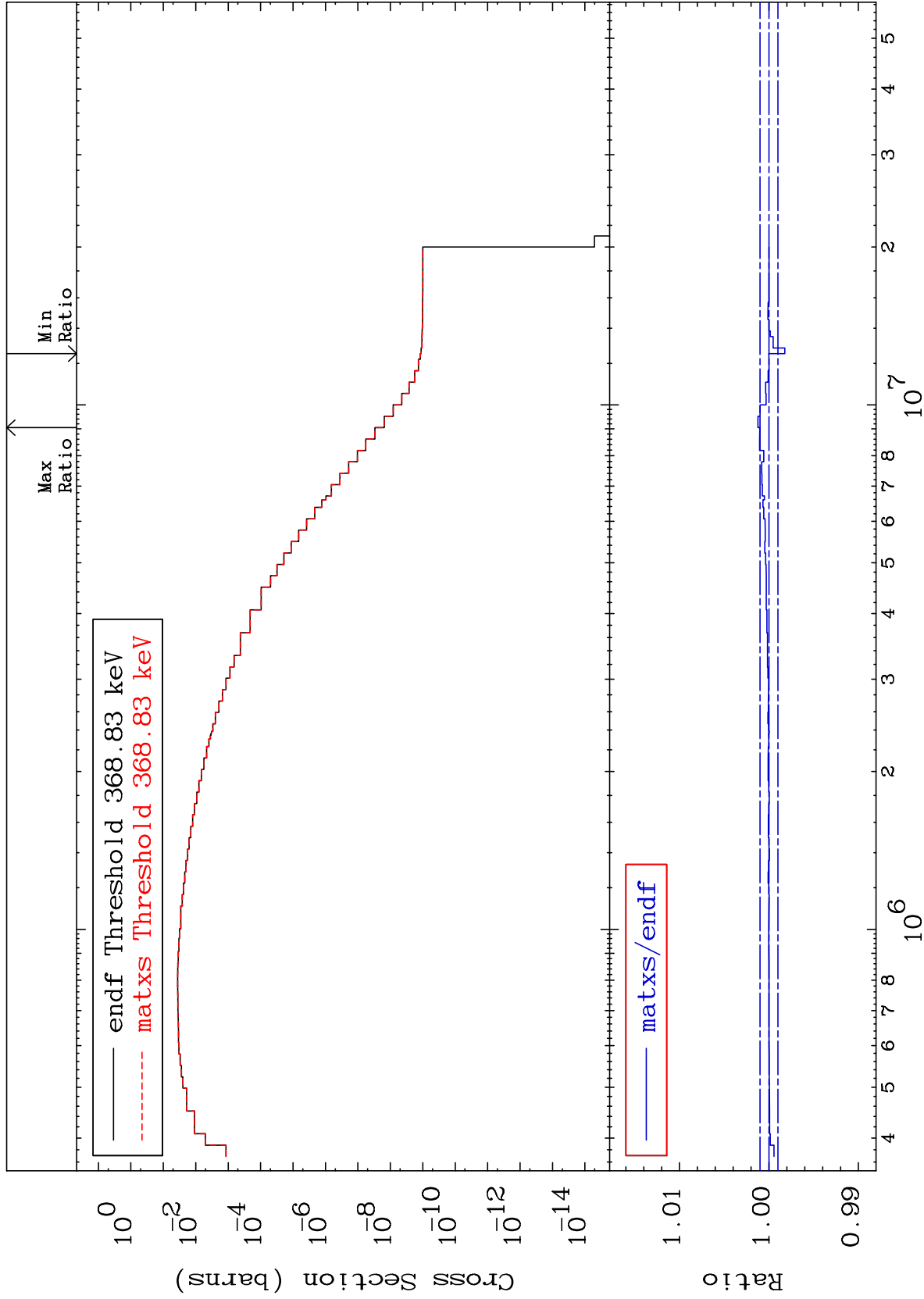
10

71-Lu-175

MAT 7125

370.8 keV (n,n') Level
Cross Section

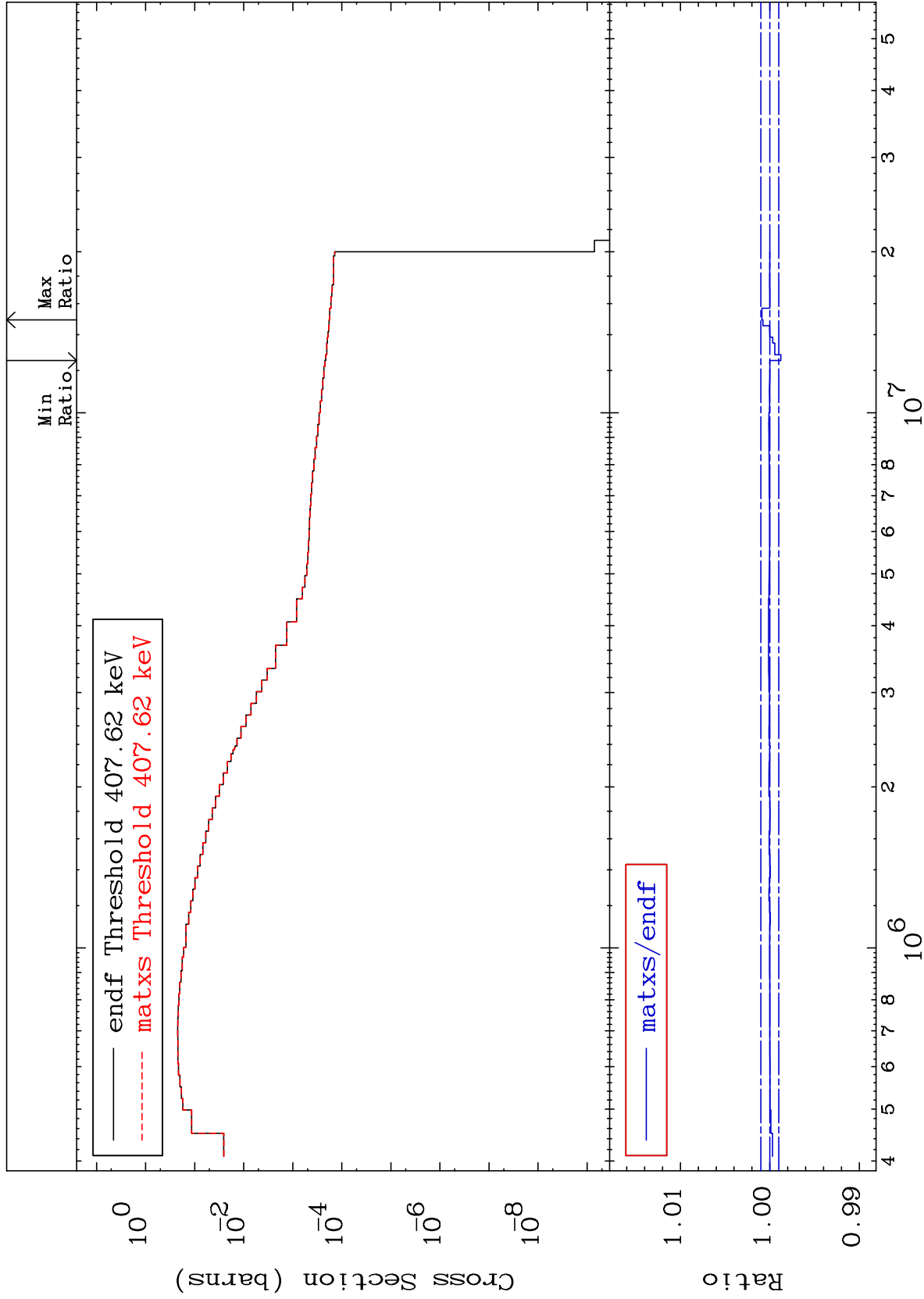
71-Lu-175
-0.177 To 0.122 %



MAT 7125

415.0 keV (n,n') Level
Cross Section

⁷¹-Lu-175
-0.123 To 0.089 %



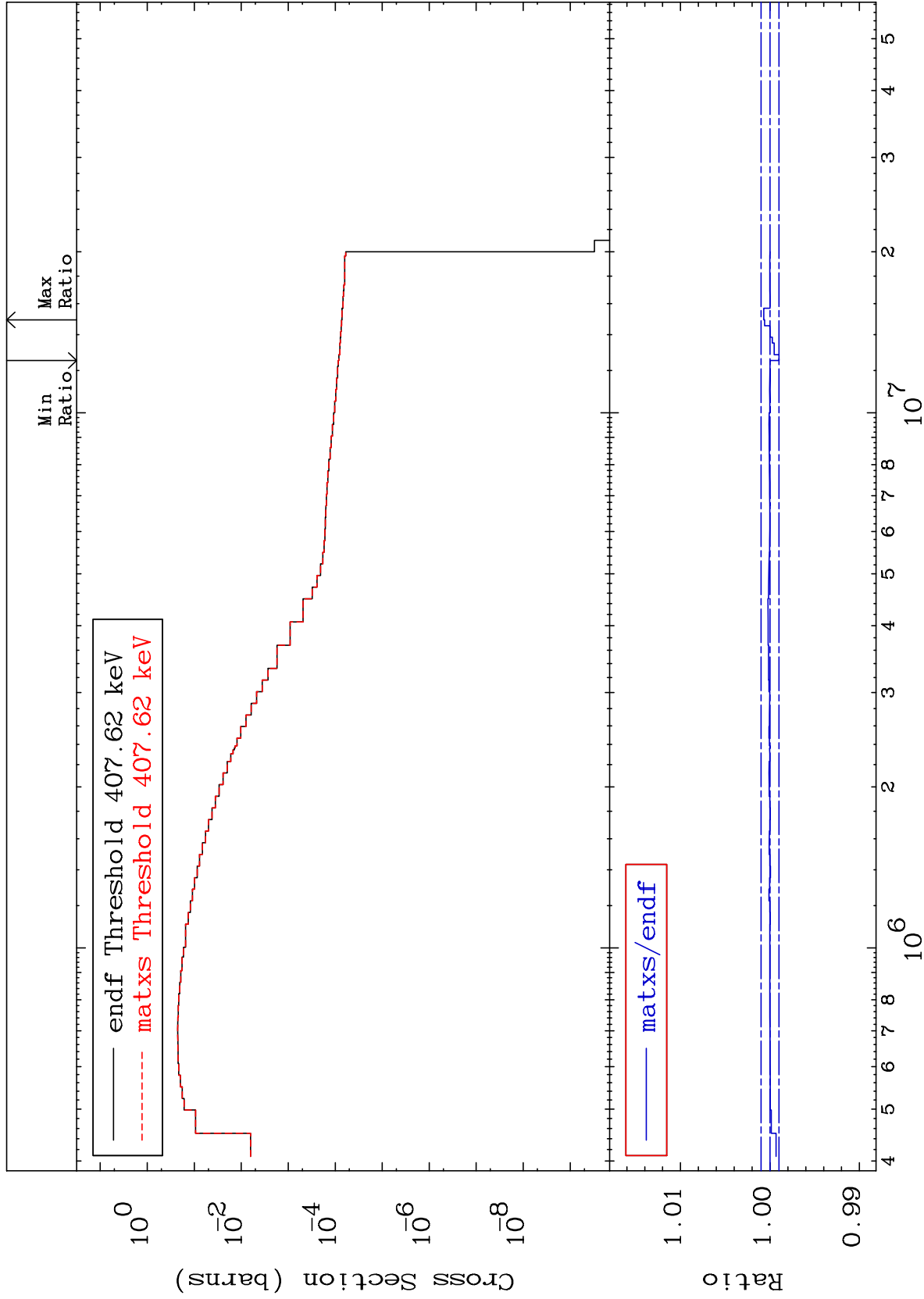
12

⁷¹-Lu-175

MAT 7125

432.7 keV (n,n') Level
Cross Section

71-Lu-175
-0.102 To 0.070 %



13

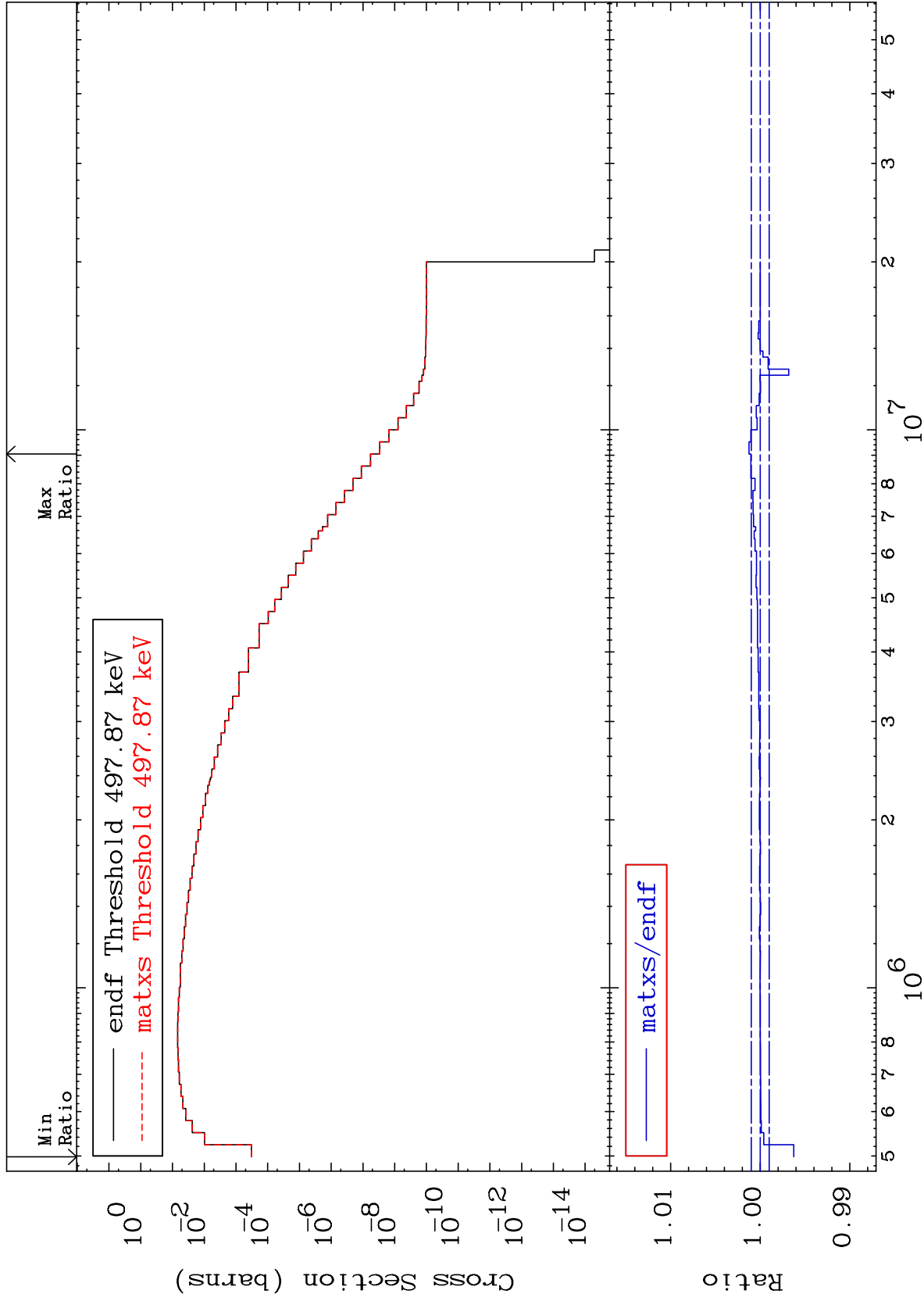
Incident Energy (eV)

71-Lu-175

MAT 7125

514.7 keV (n,n') Level
Cross Section

71-Lu-175
-0.375 To 0.126 %



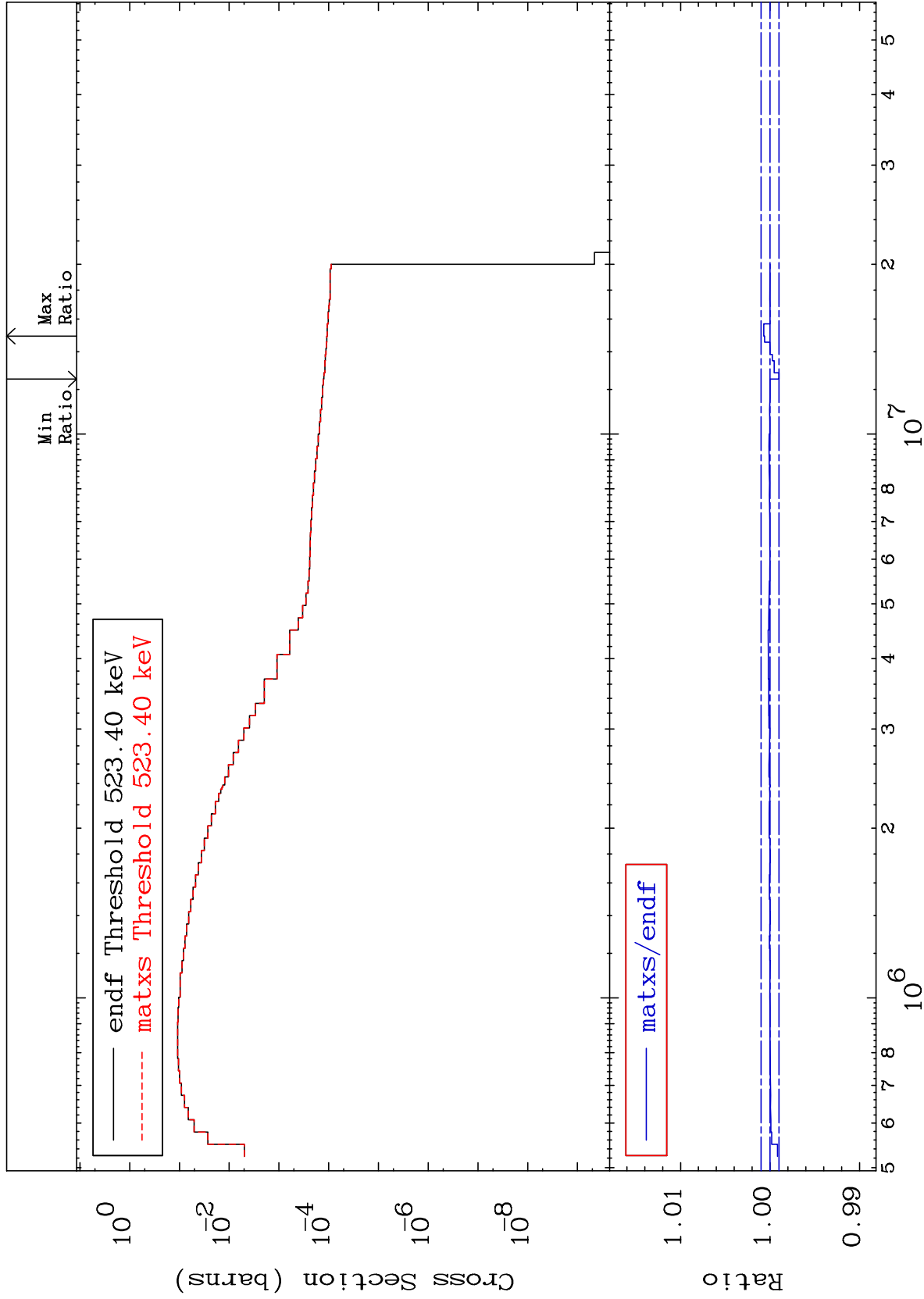
14

71-Lu-175

MAT 7125

529.3 keV (n,n') Level
Cross Section

71-Lu-175
-0.101 To 0.070 %



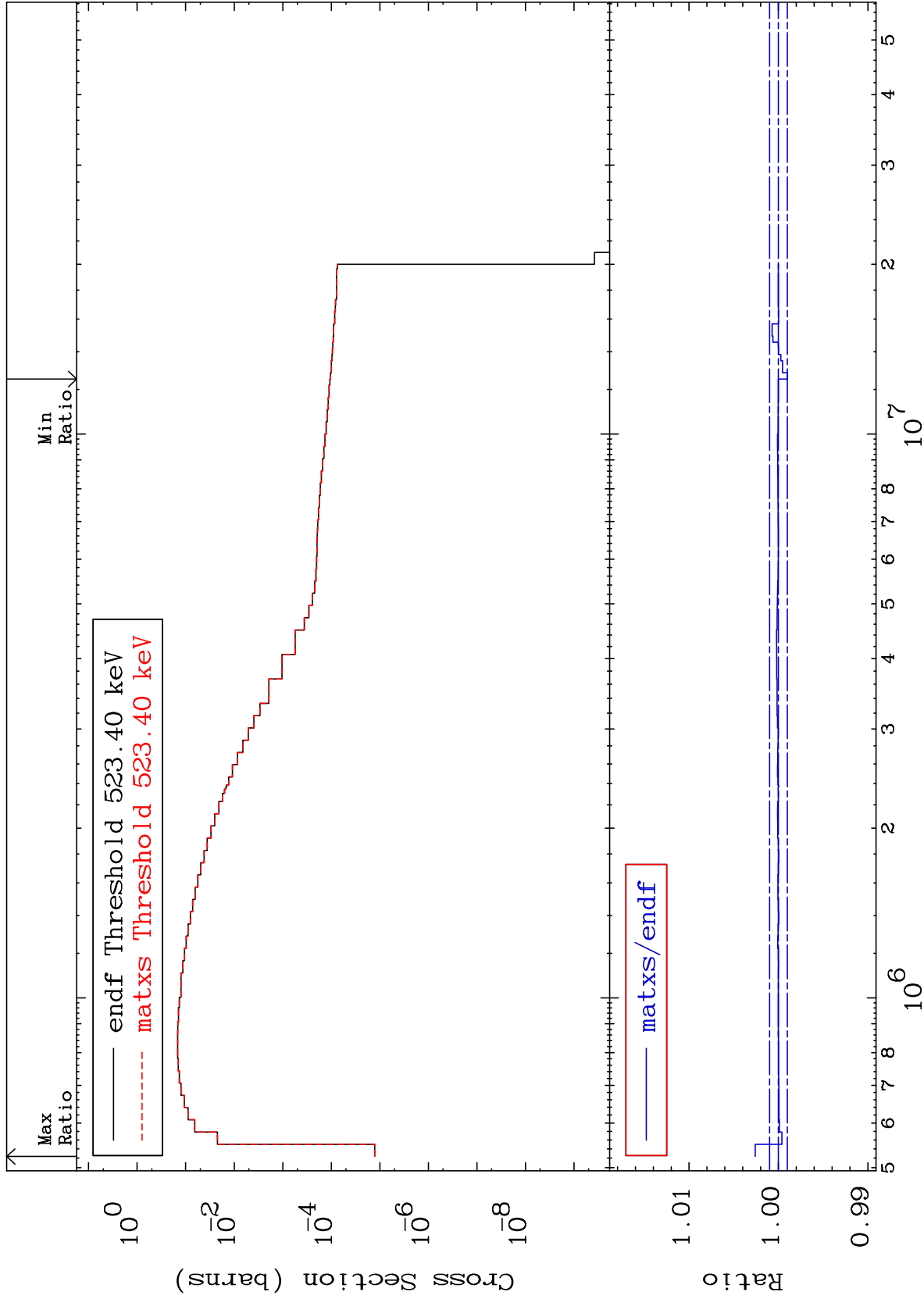
15

71-Lu-175

MAT 7125

546.4 keV (n,n') Level
Cross Section

71-Lu-175
-0.101 To 0.259 %



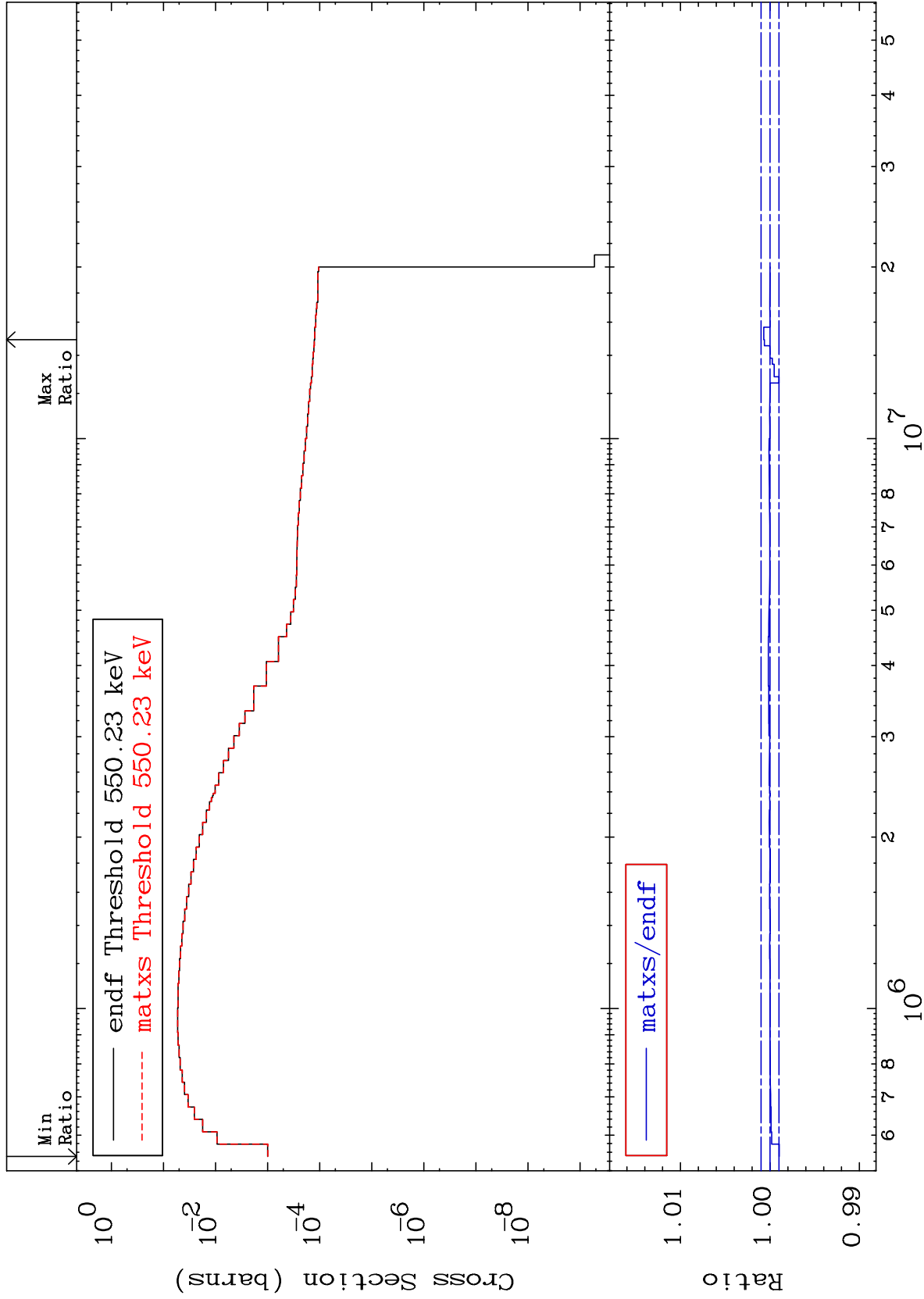
16

71-Lu-175

MAT 7125

562.3 keV (n,n') Level
Cross Section

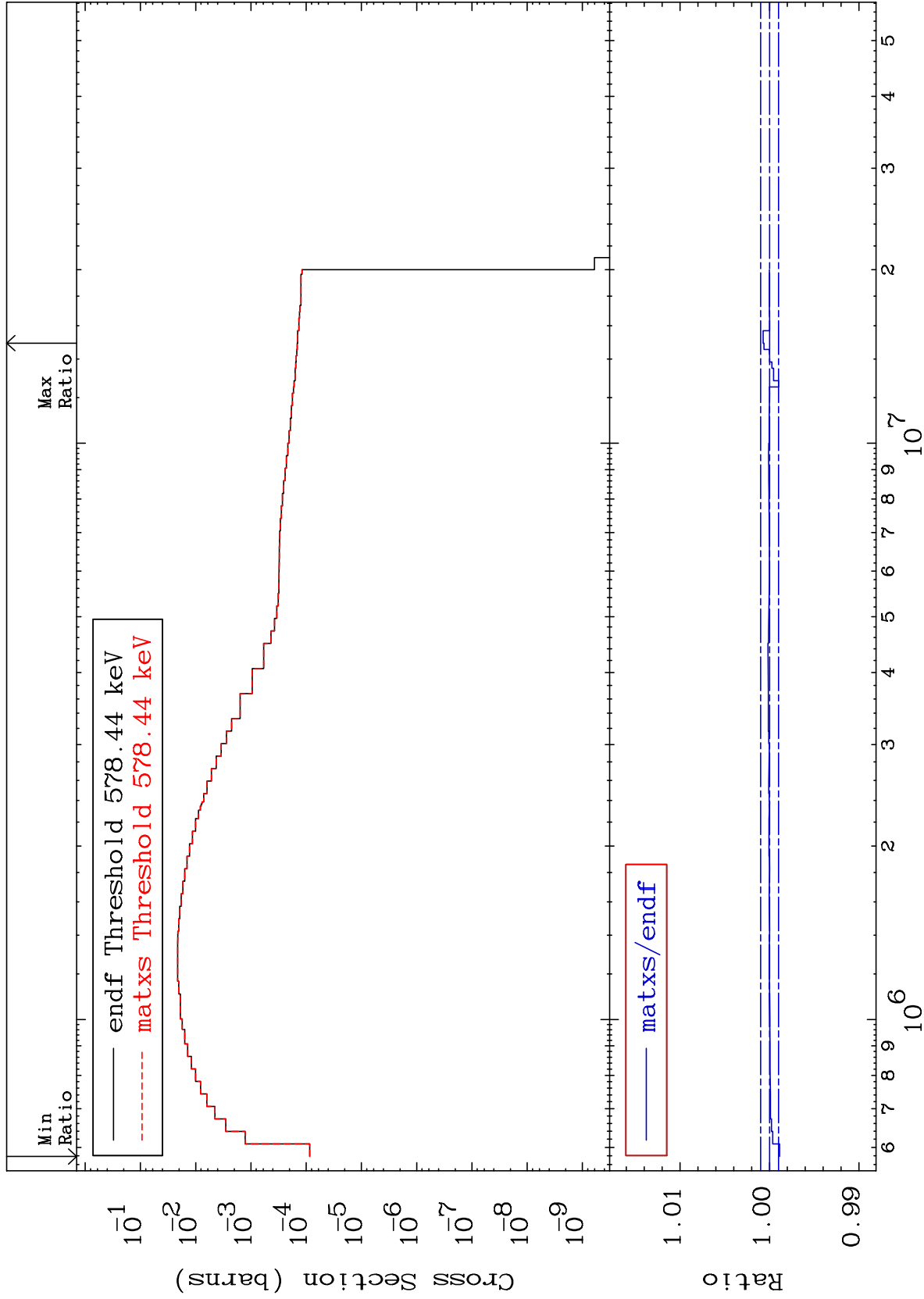
71-Lu-175
-0.102 To 0.071 %



MAT 7125

595.3 keV (n,n') Level
Cross Section

71-Lu-175
-0.113 To 0.070 %



18

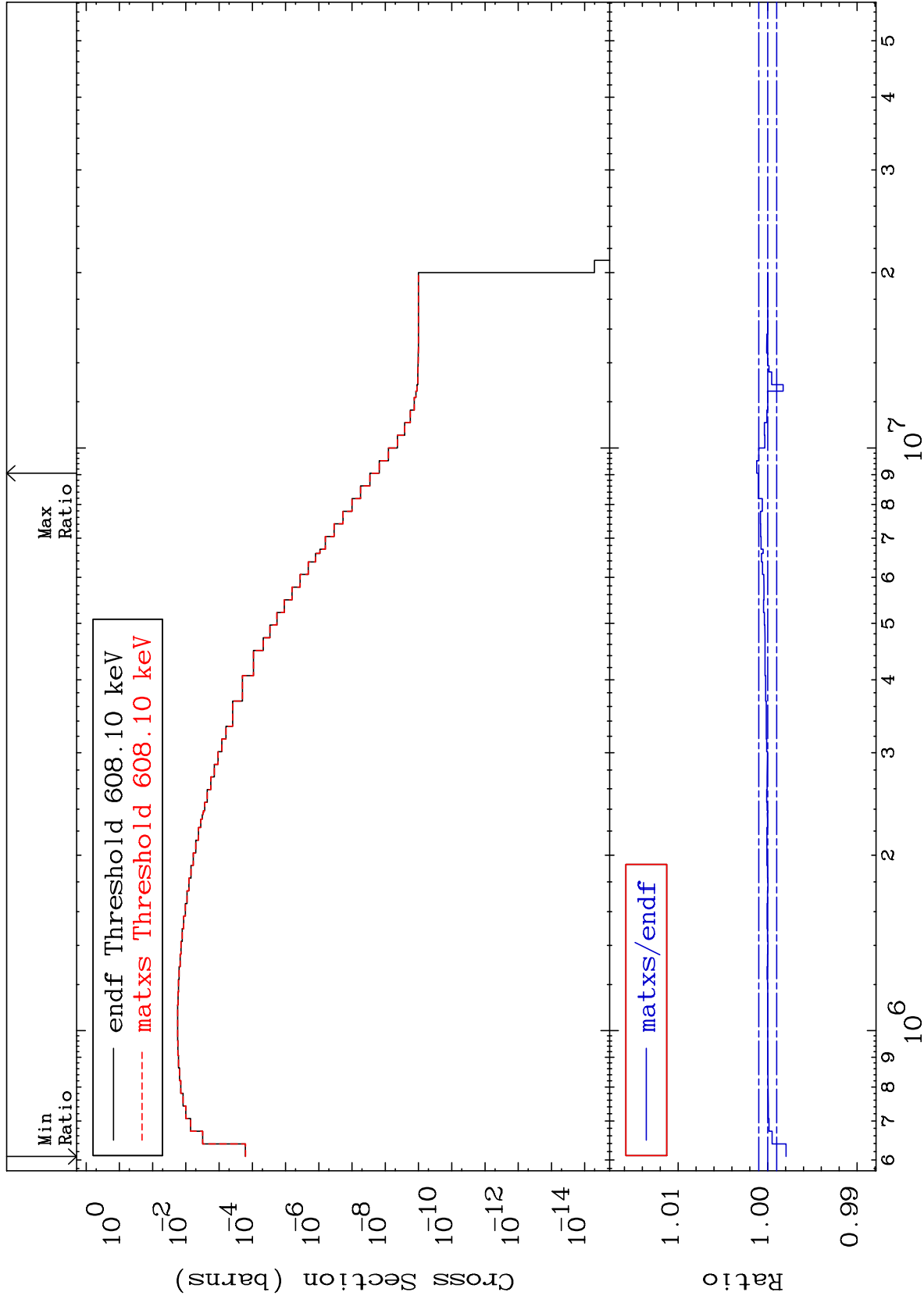
Incident Energy (eV)

71-Lu-175

MAT 7125

626.5 keV (n,n') Level
Cross Section

71-Lu-175
-0.205 To 0.122 %



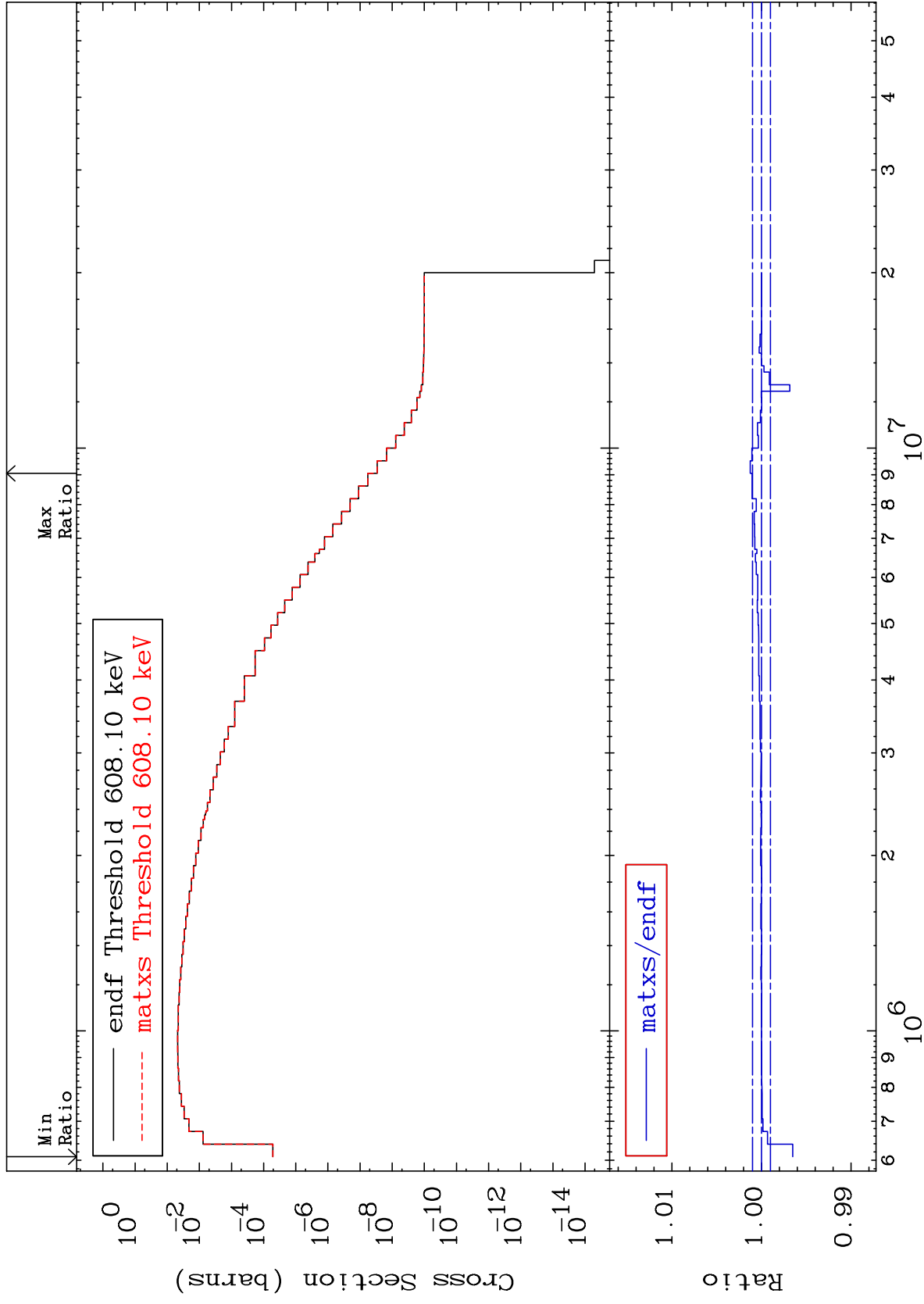
19

71-Lu-175

MAT 7125

632.8 keV (n,n') Level
Cross Section

71-Lu-175
-0.348 To 0.126 %



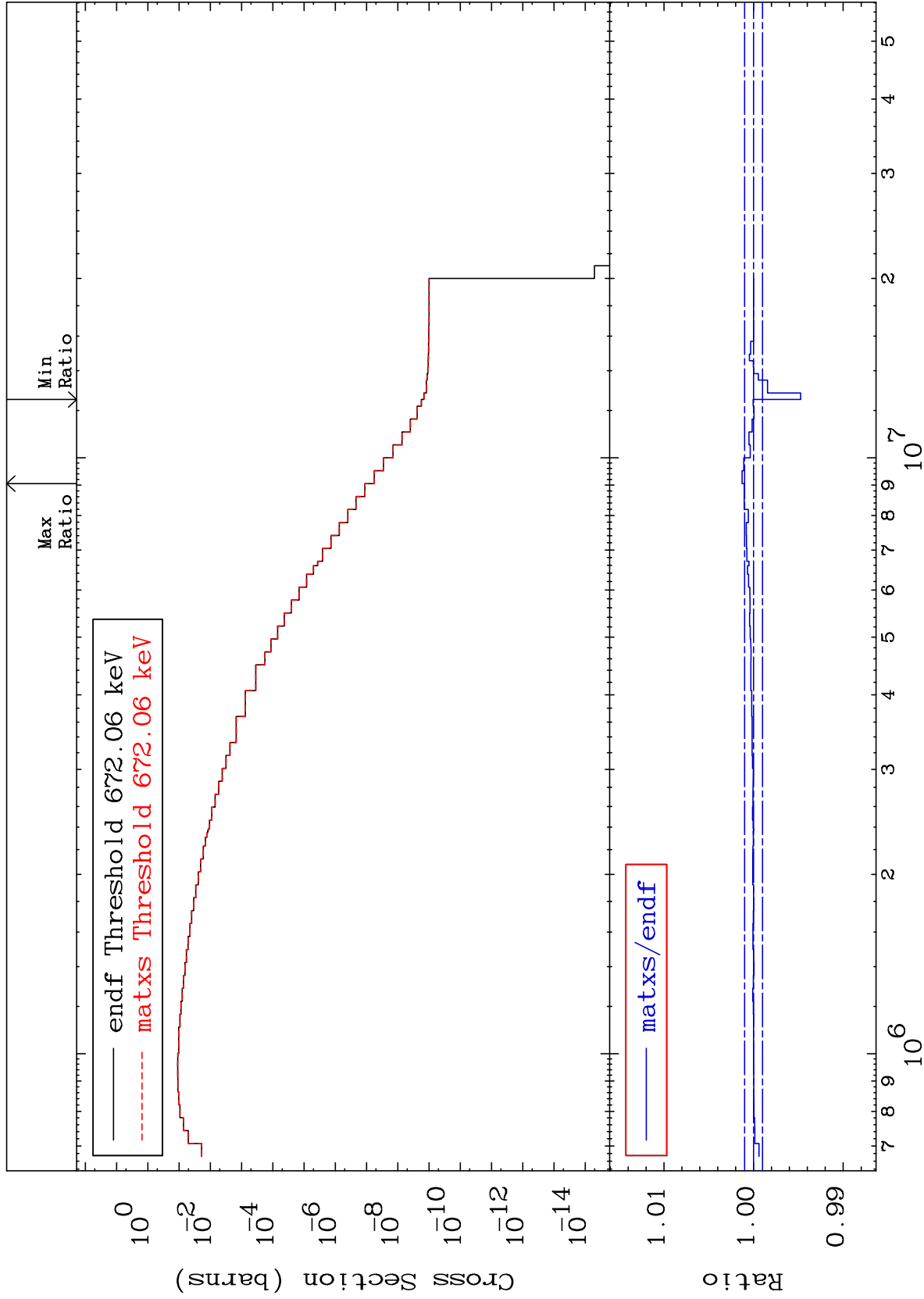
20

71-Lu-175

MAT 7125

672.8 keV (n,n') Level
Cross Section

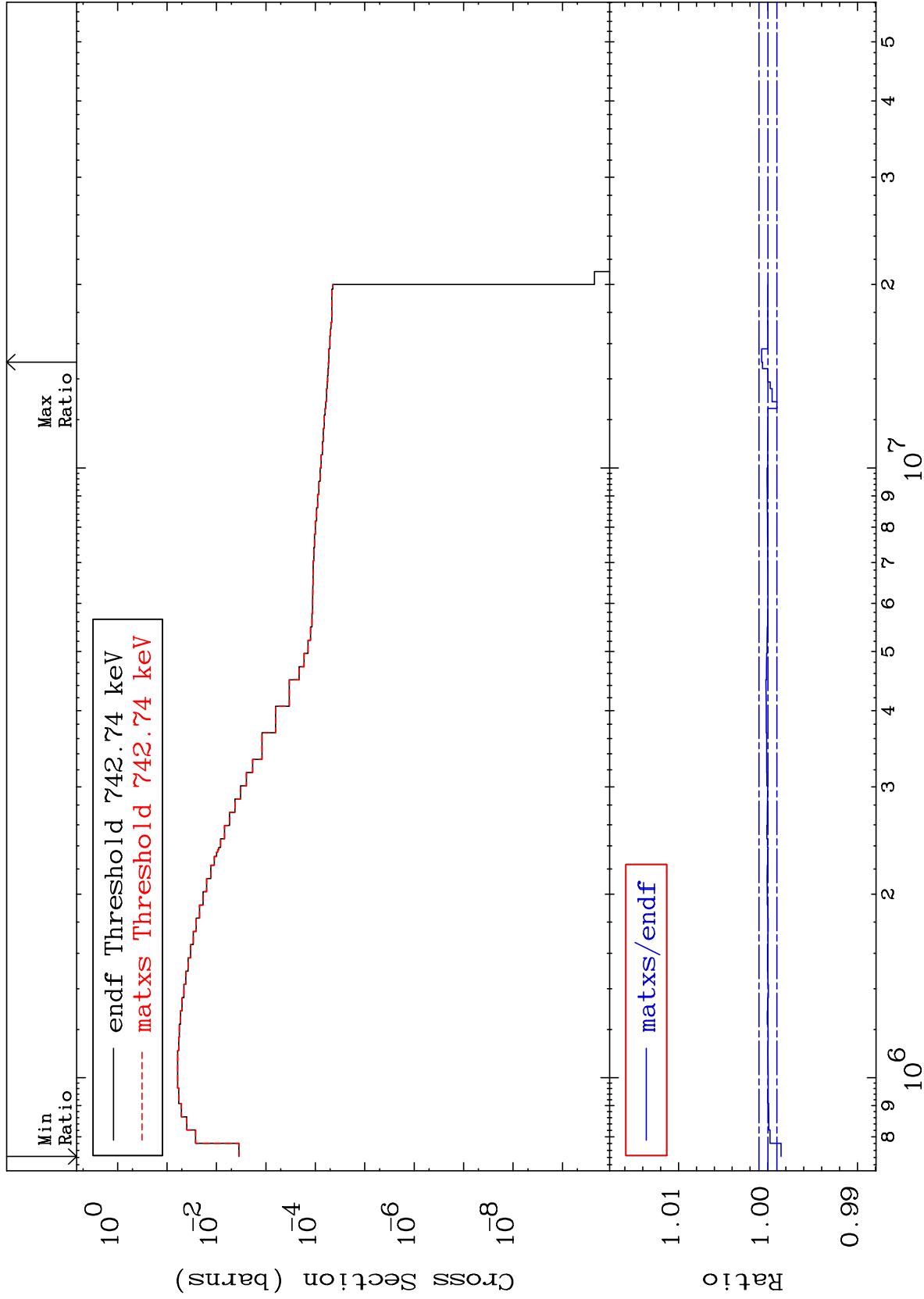
71-Lu-175
-0.526 To 0.129 %



MAT 7125

757.4 keV (n,n') Level
Cross Section

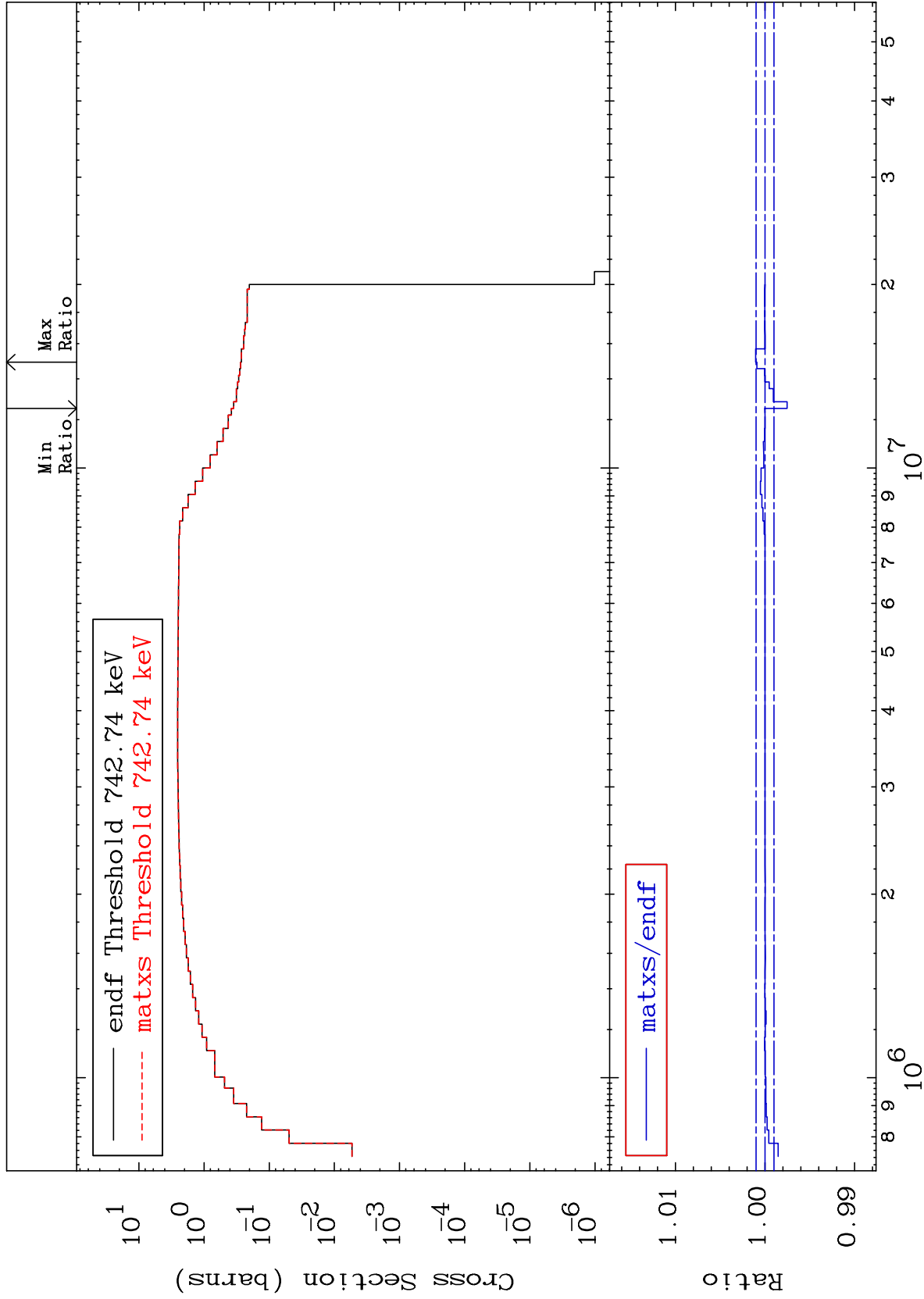
71-Lu-175
-0.147 To 0.071 %



MAT 7125

(n,n') Continuum
Cross Section

71-Lu-175
-0.247 To 0.105 %



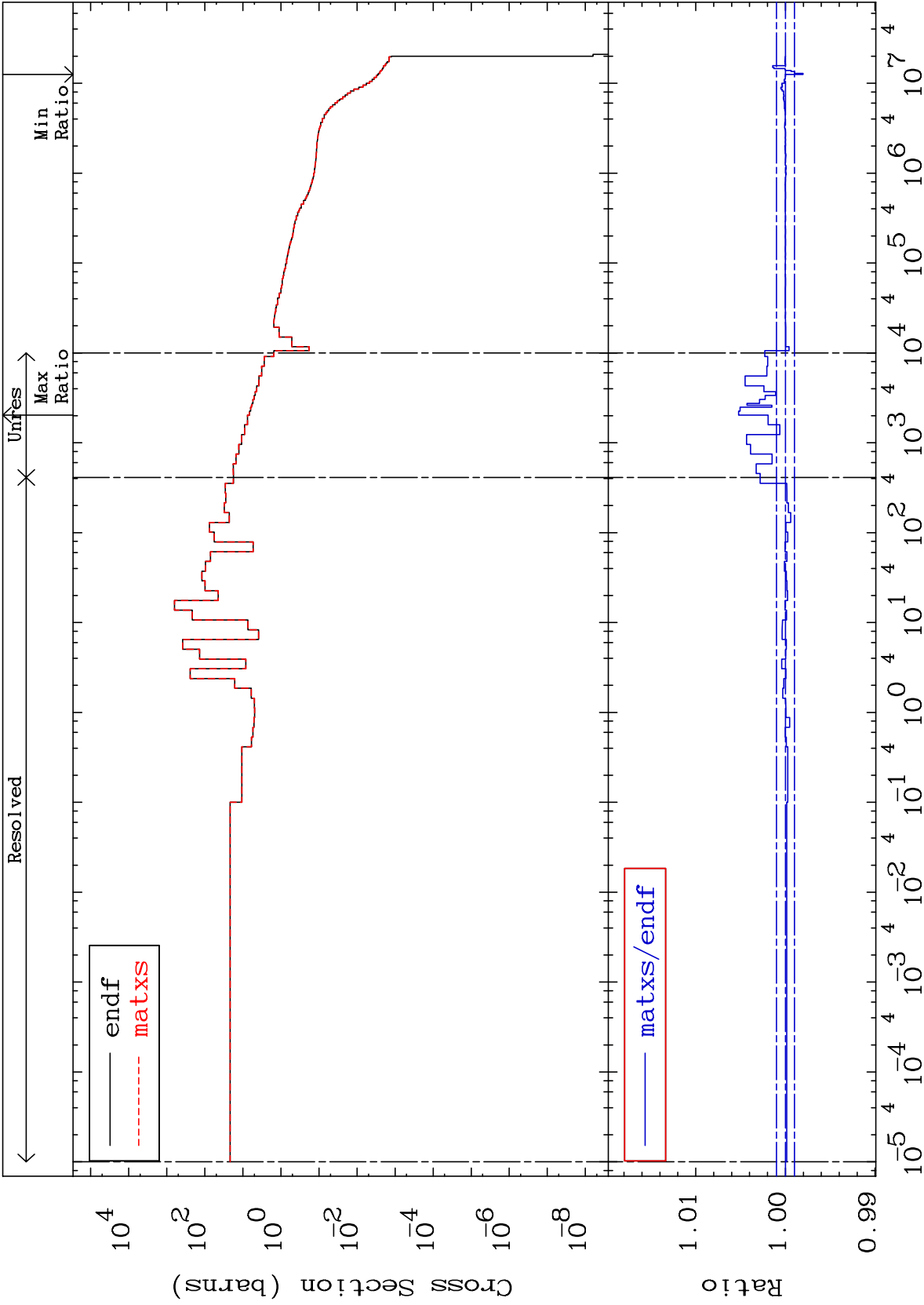
MAT 7125

(n, γ)

71-Lu-175

Cross Section

-0.196 To 0.523 %



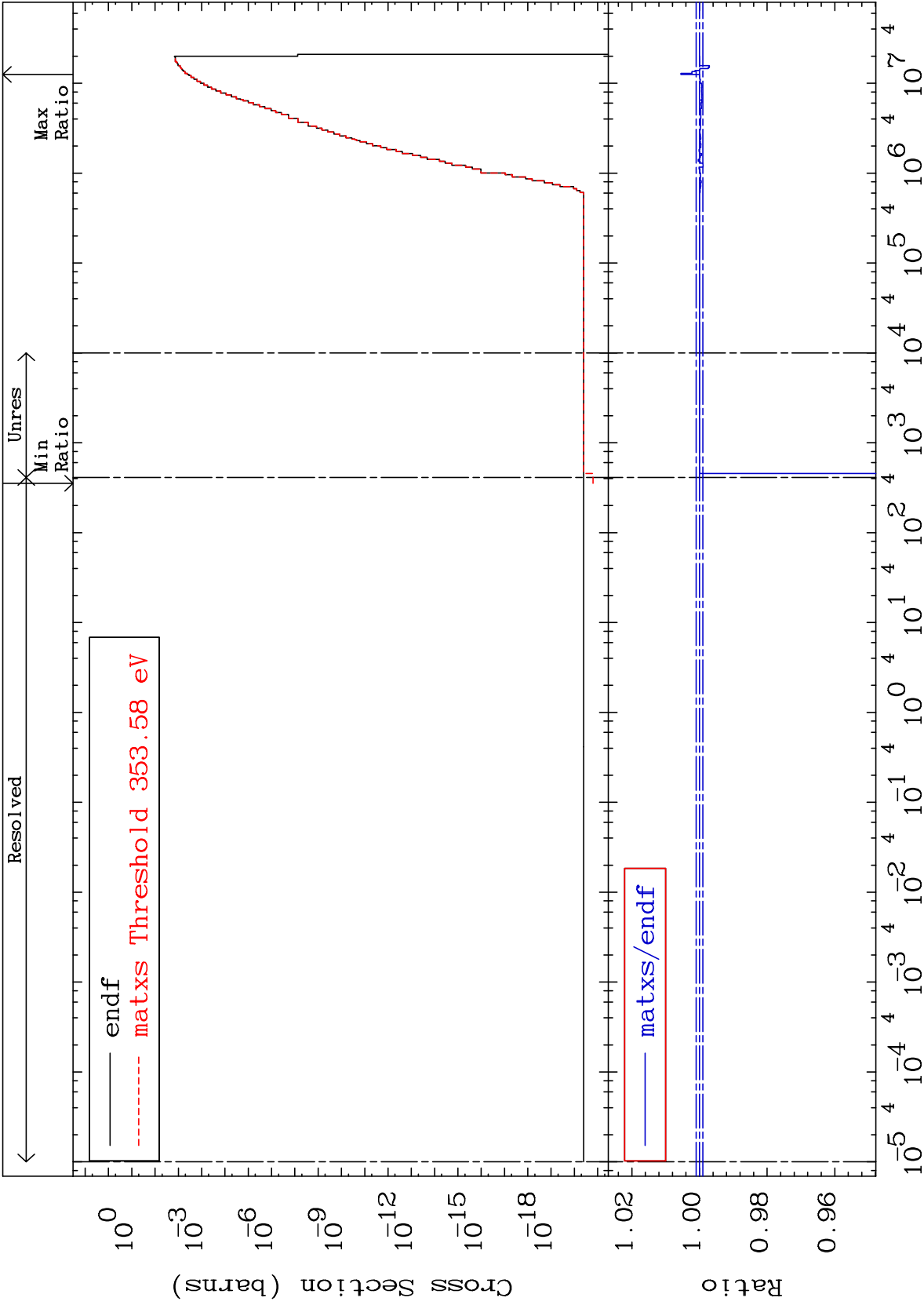
MAT 7125

(n,p)

71-Lu-175

Cross Section

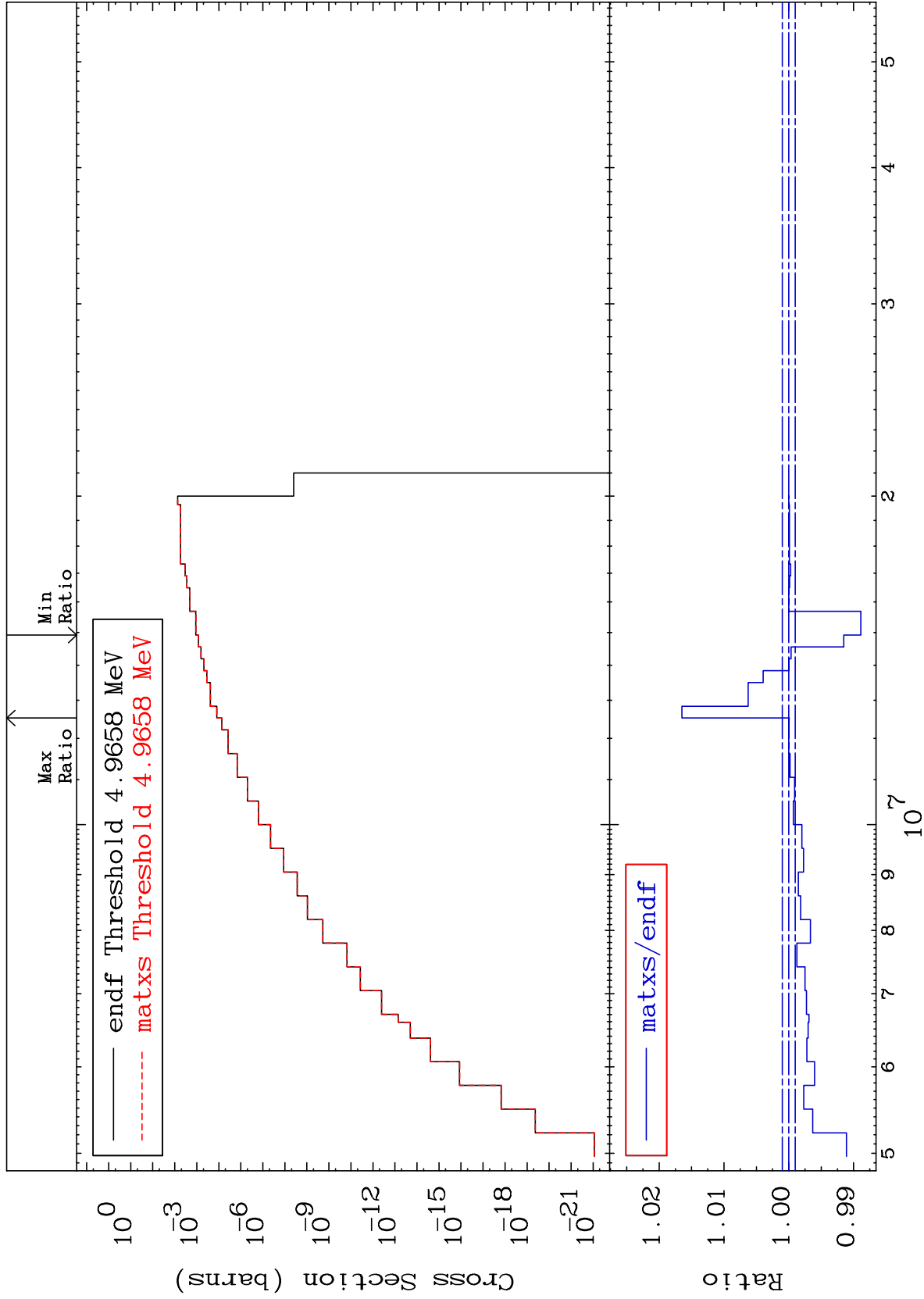
-60.20 To 0.549 %



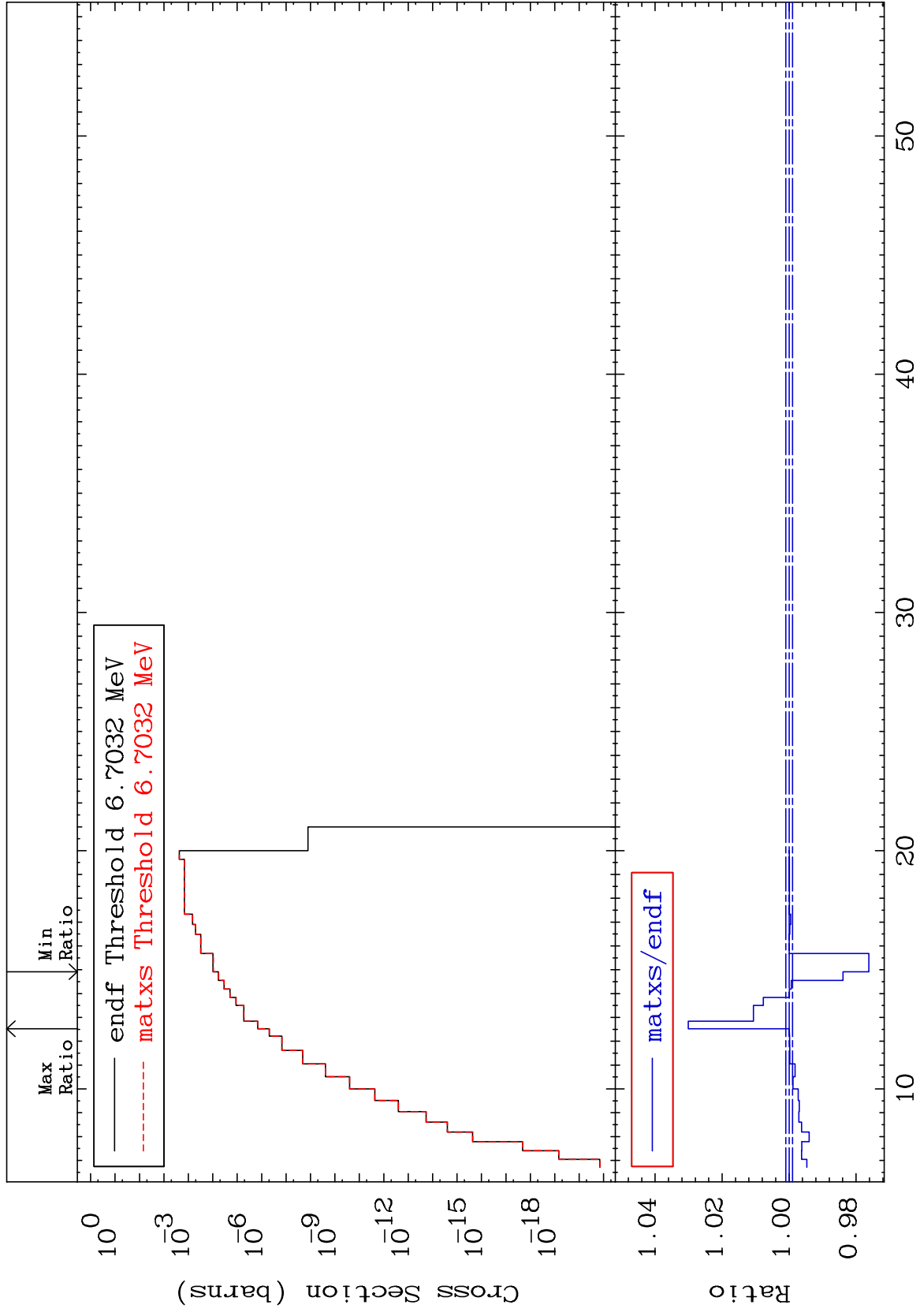
MAT 7125

71-Lu-175
-1.111 To 1.648 %

(n, d)
Cross Section



MAT 7125 (n, t) 71-Lu-175
Cross Section -2.382 To 3.009 %



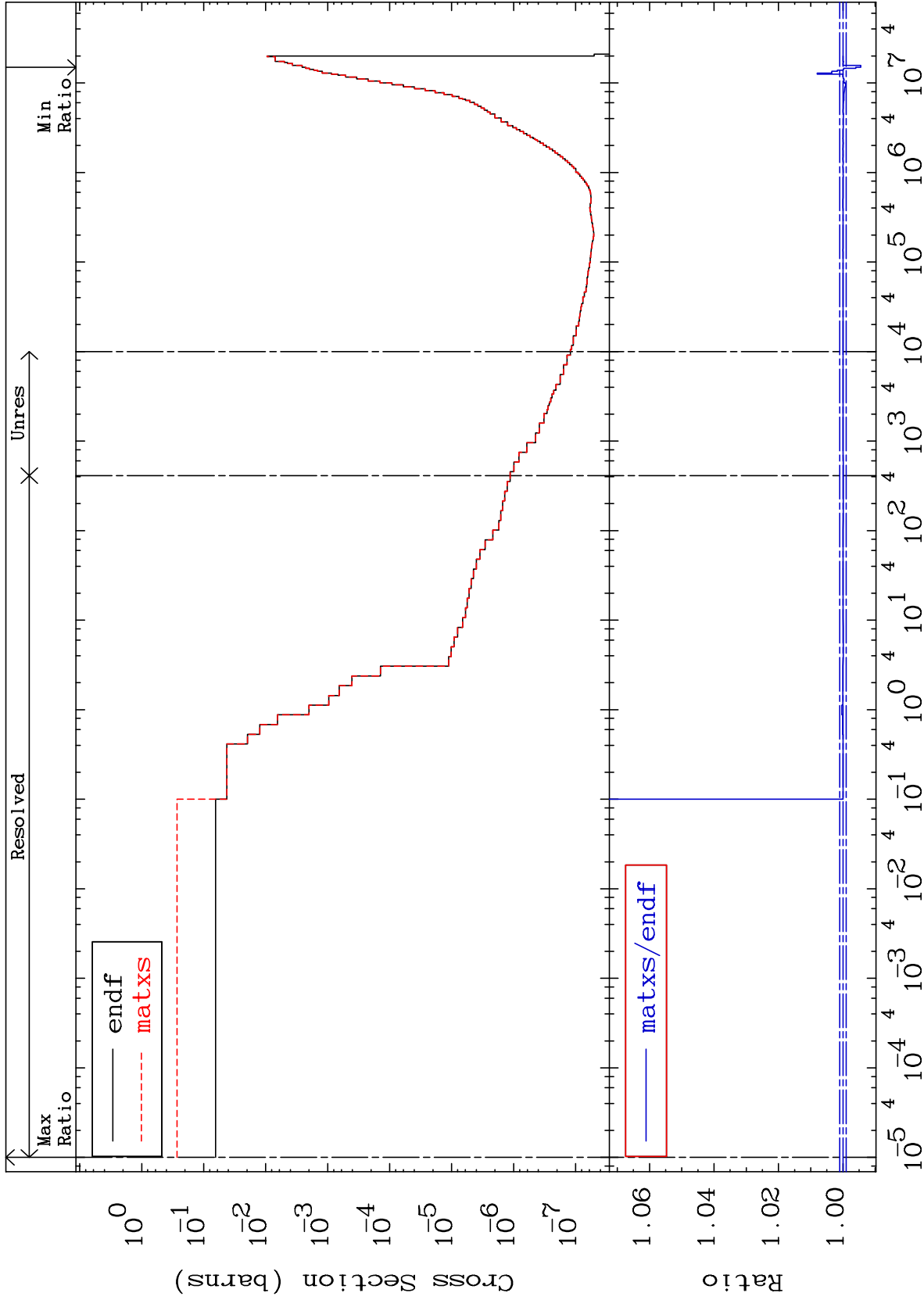
MAT 7125

(n, α)

71-Lu-175

Cross Section

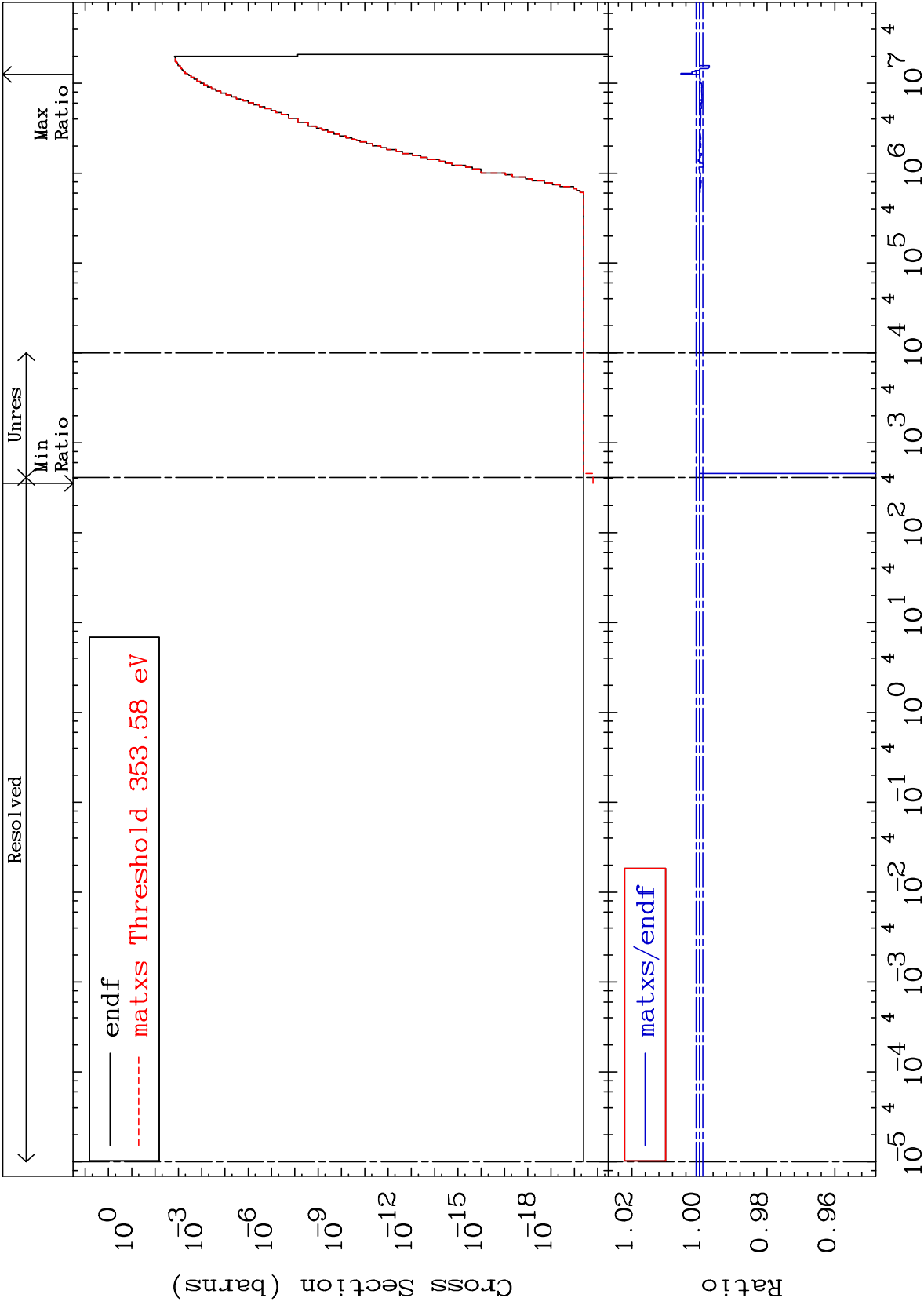
-0.553 To 319.7 %



MAT 7125

267.5 keV (n,p') Level
Cross Section

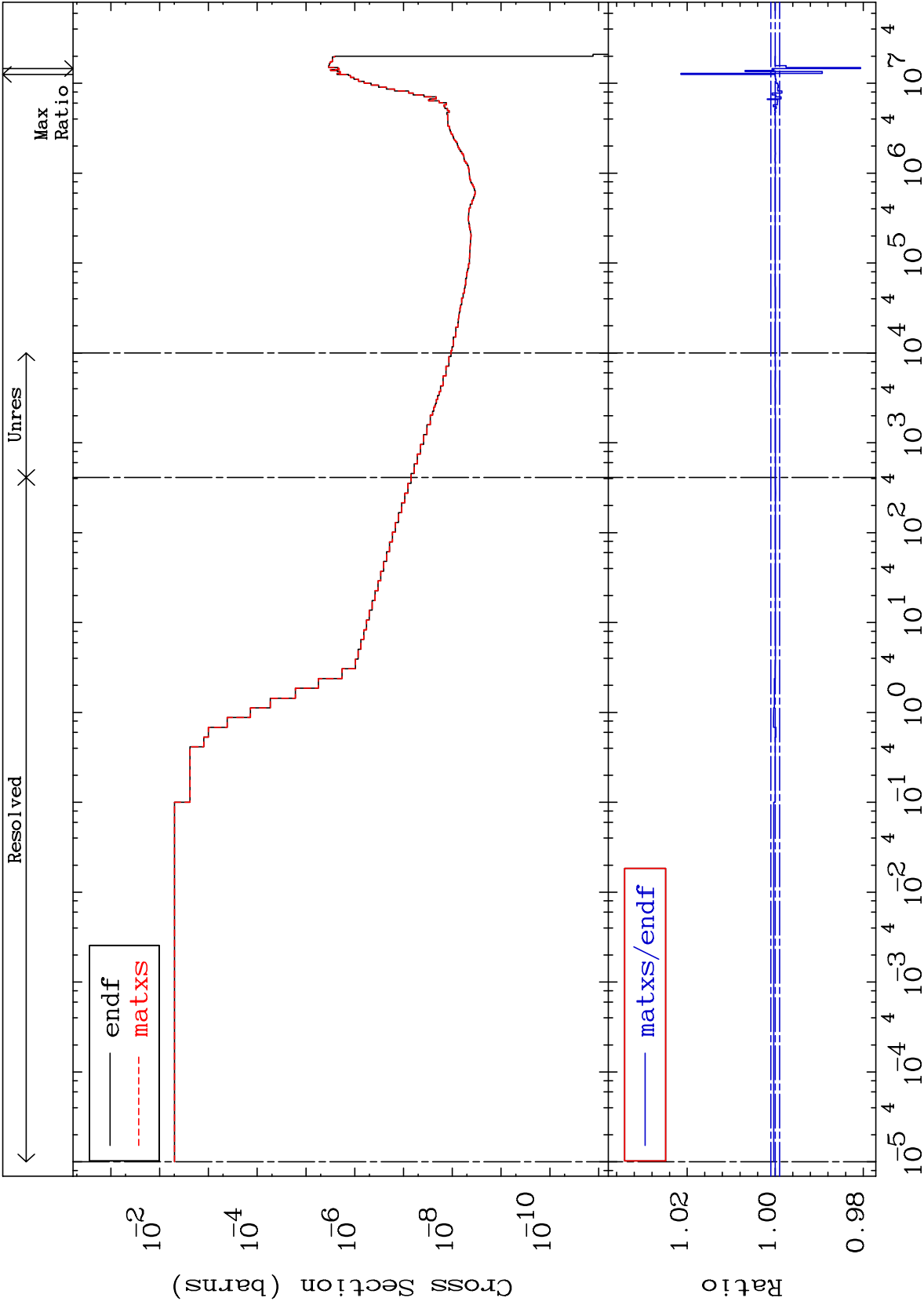
71-Lu-175
-60.20 To 0.549 %



MAT 7125

(n, α') Ground
Cross Section

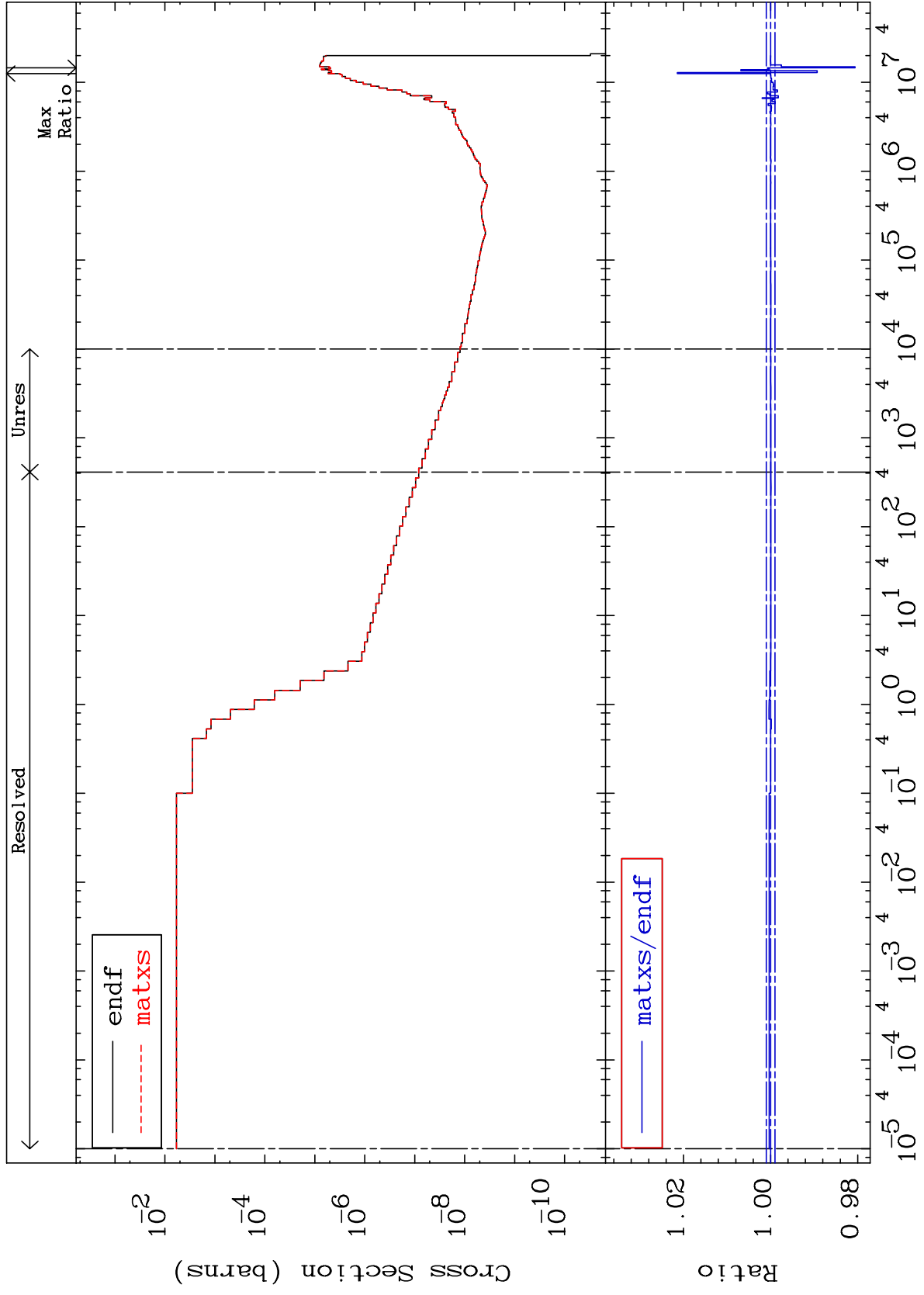
71-Lu-175
-1.939 To 2.142 %



MAT 7125

62.53 keV (n, α') Level
Cross Section

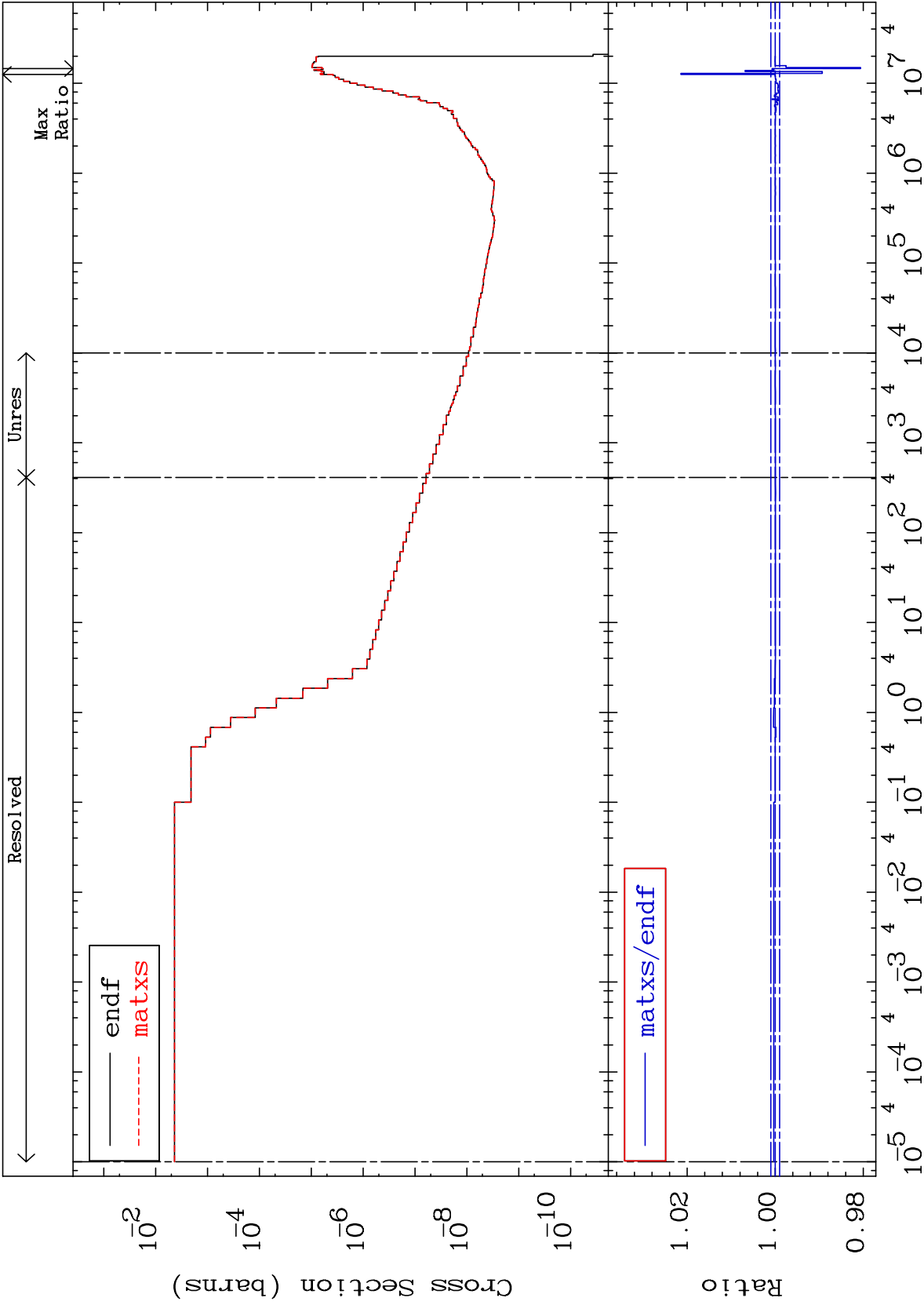
⁷¹Lu-175
-1.939 To 2.142 %



MAT 7125

145.8 keV (n, α') Level
Cross Section

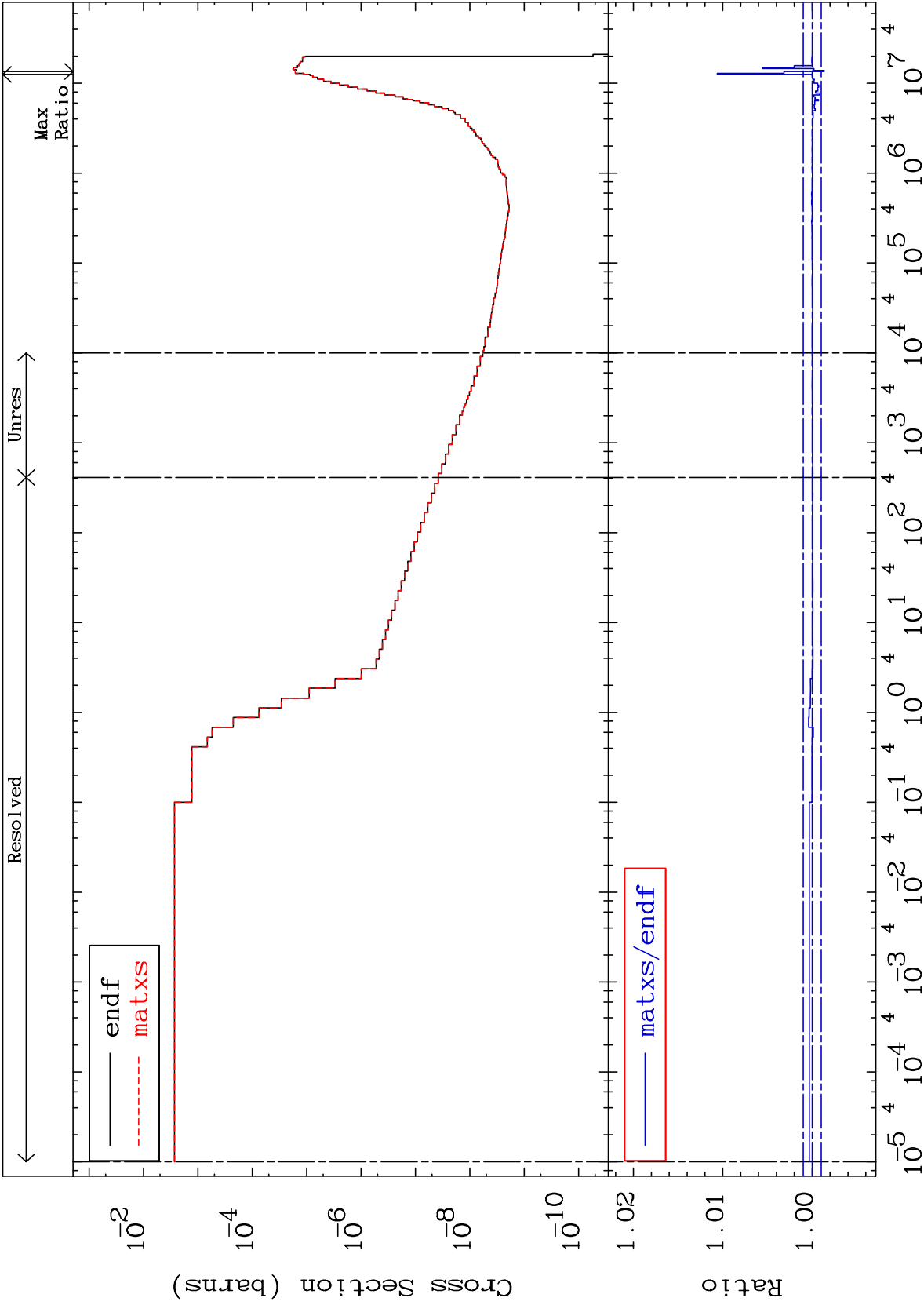
71-Lu-175
-1.939 To 2.142 %



MAT 7125

239.9 keV (n, α') Level
Cross Section

71-Lu-175
-0.134 To 1.062 %



33

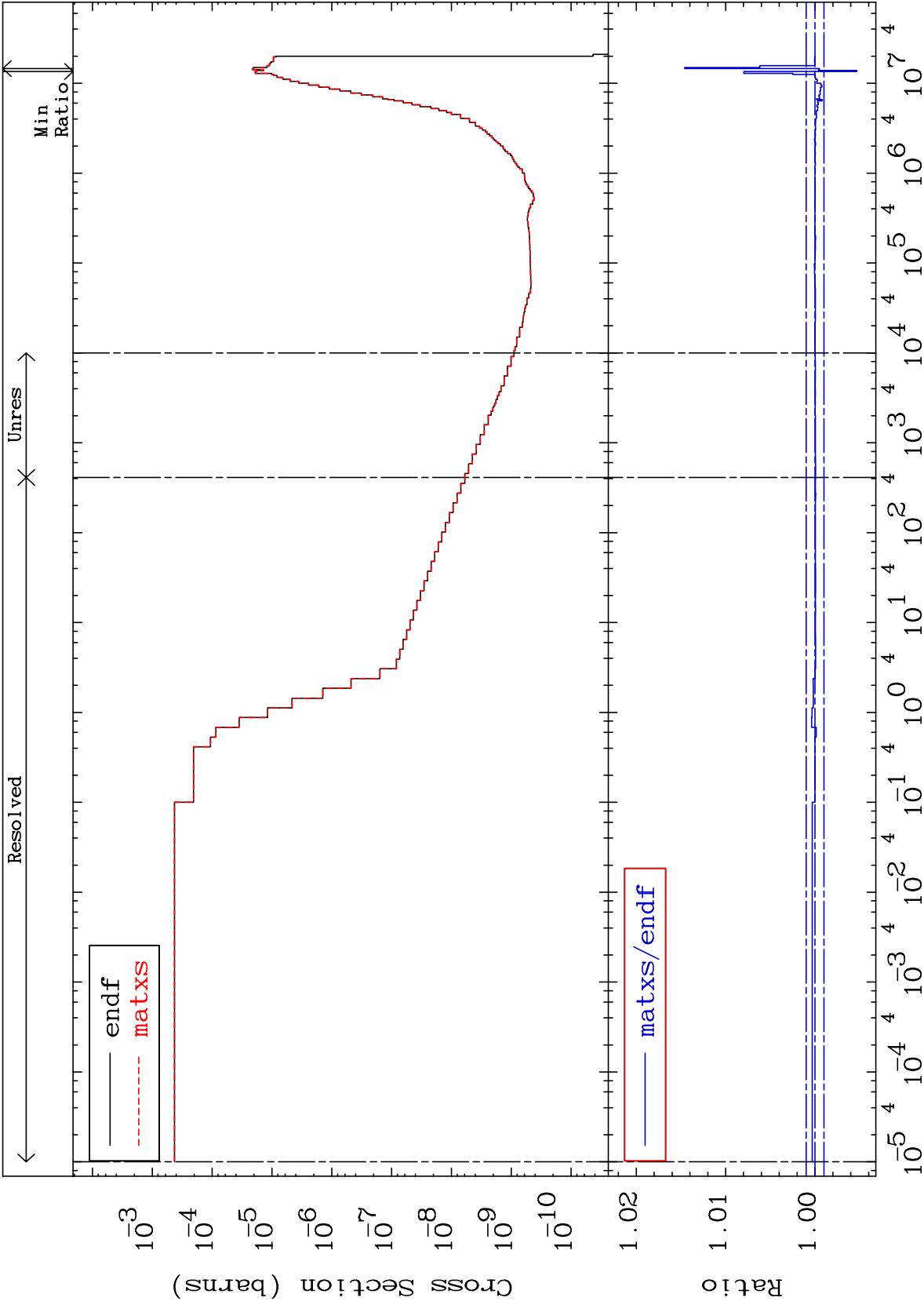
Incident Energy (eV)

71-Lu-175

MAT 7125

407.3 keV (n, α') Level
Cross Section

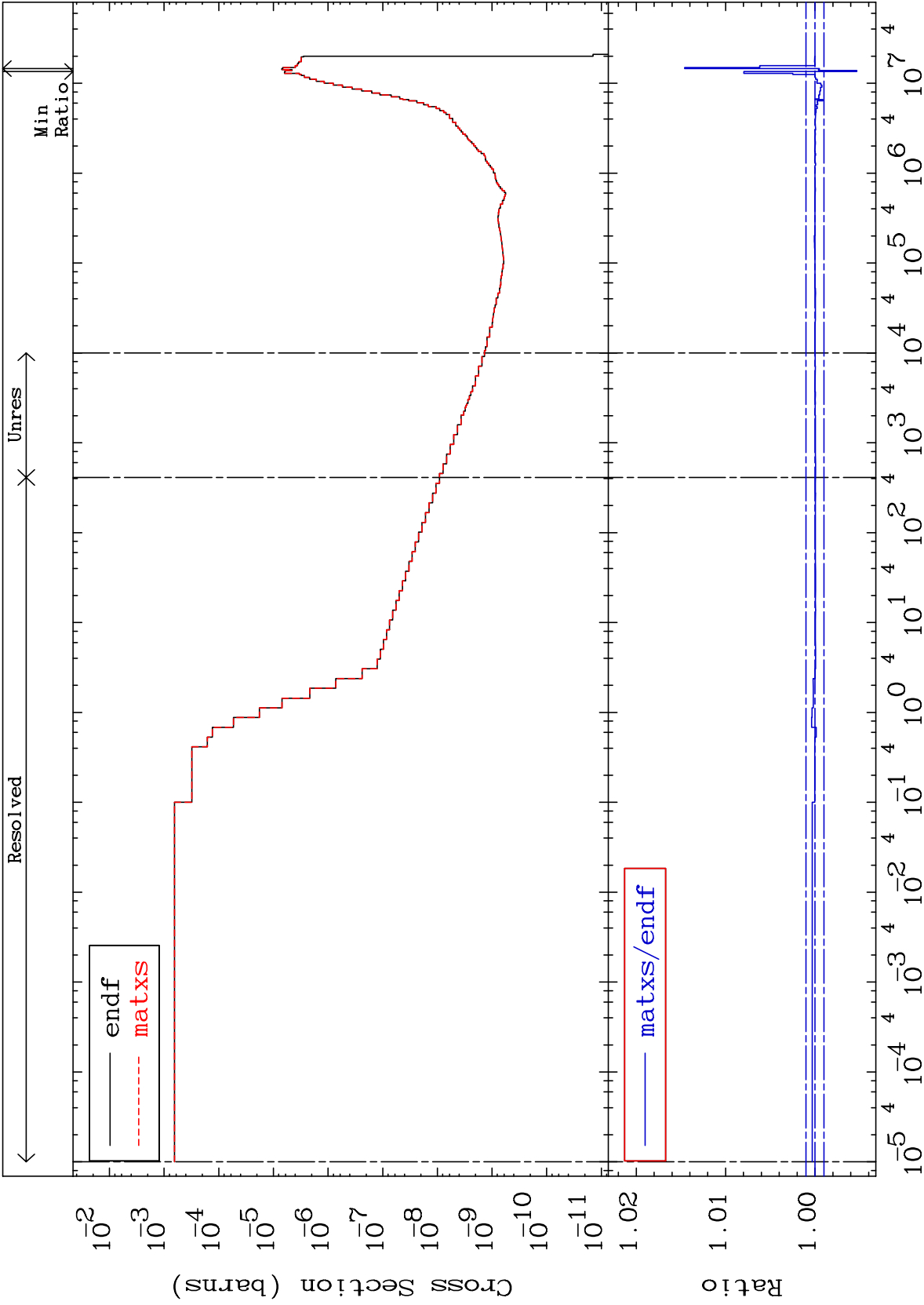
71-Lu-175
-0.468 To 1.459 %



MAT 7125

446.0 keV (n,α') Level
Cross Section

71-Lu-175
-0.468 To 1.459 %



35

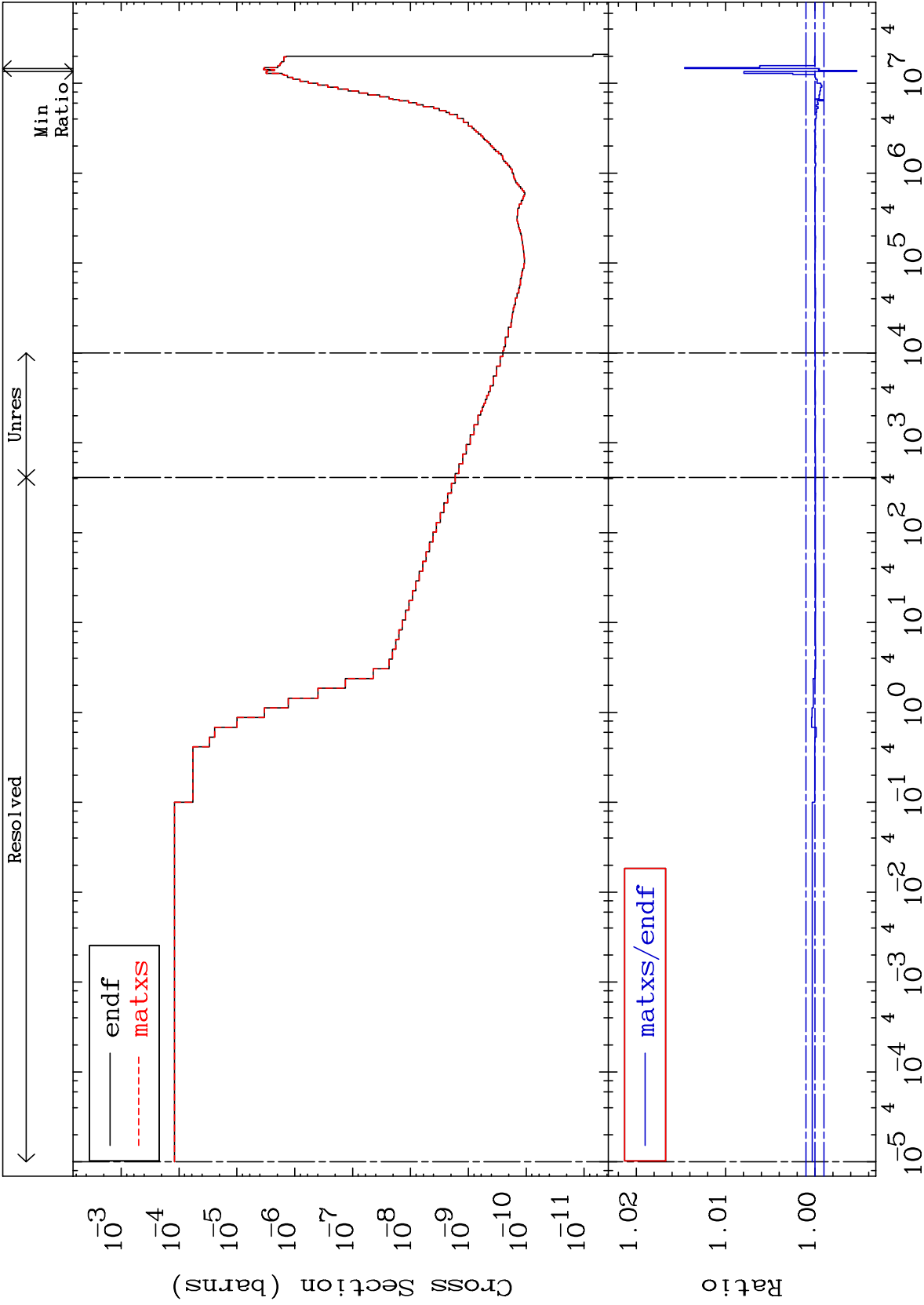
Incident Energy (eV)

71-Lu-175

MAT 7125

475.5 keV (n, α') Level
Cross Section

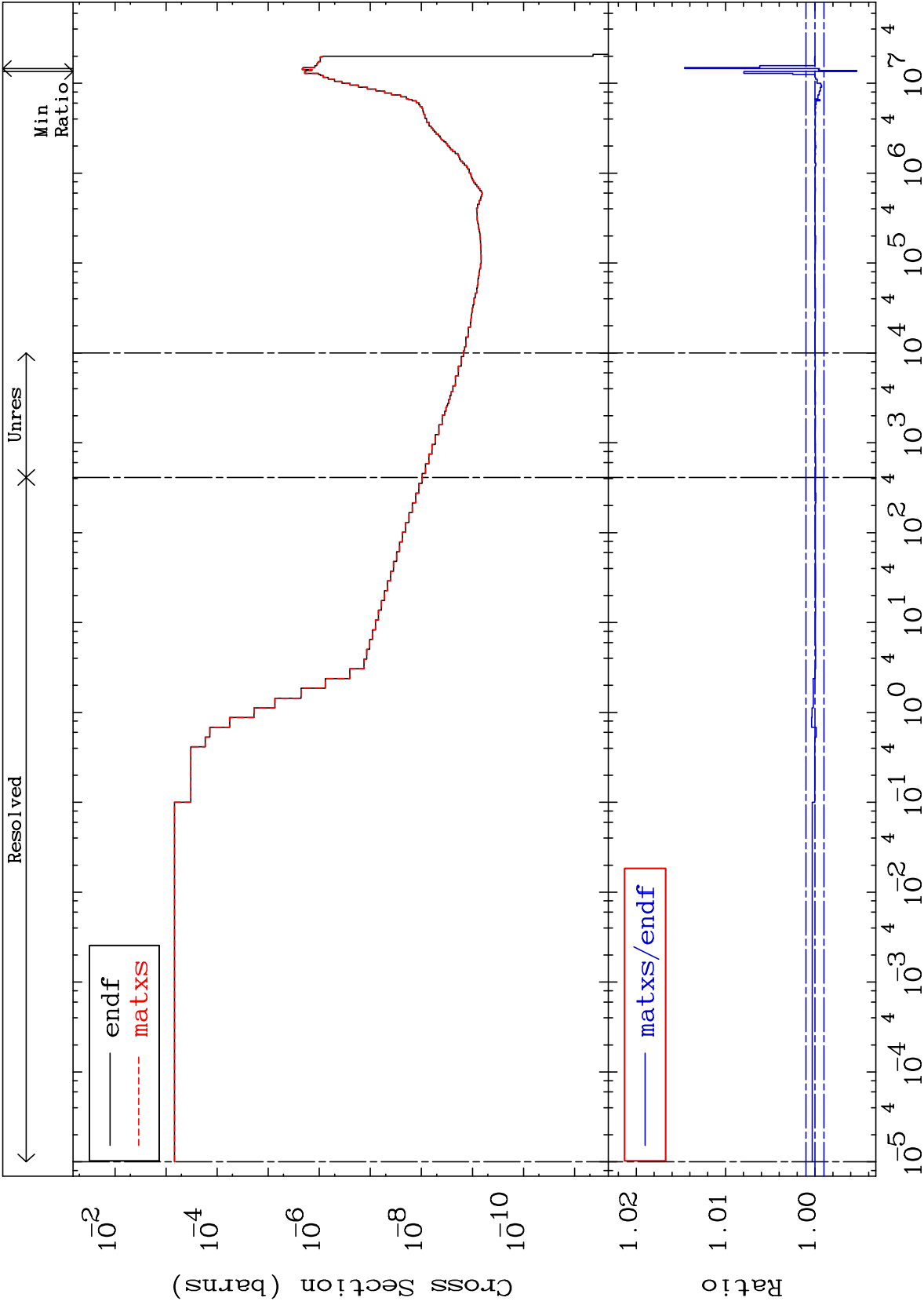
71-Lu-175
-0.468 To 1.459 %



MAT 7125

479.7 keV (n, α') Level
Cross Section

71-Lu-175
-0.468 To 1.459 %



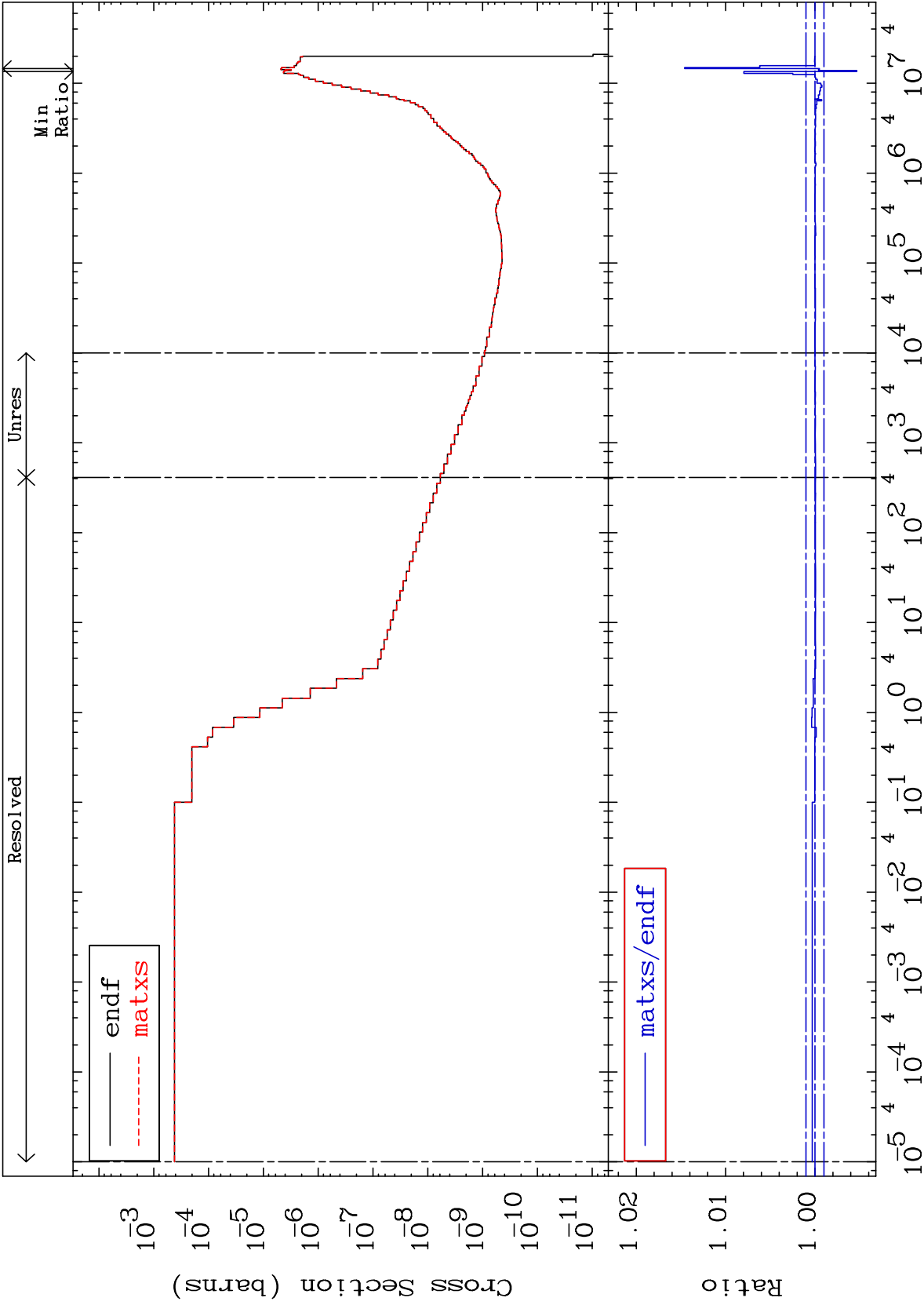
37

71-Lu-175

MAT 7125

496.3 keV (n, α') Level
Cross Section

71-Lu-175
-0.468 To 1.459 %



38

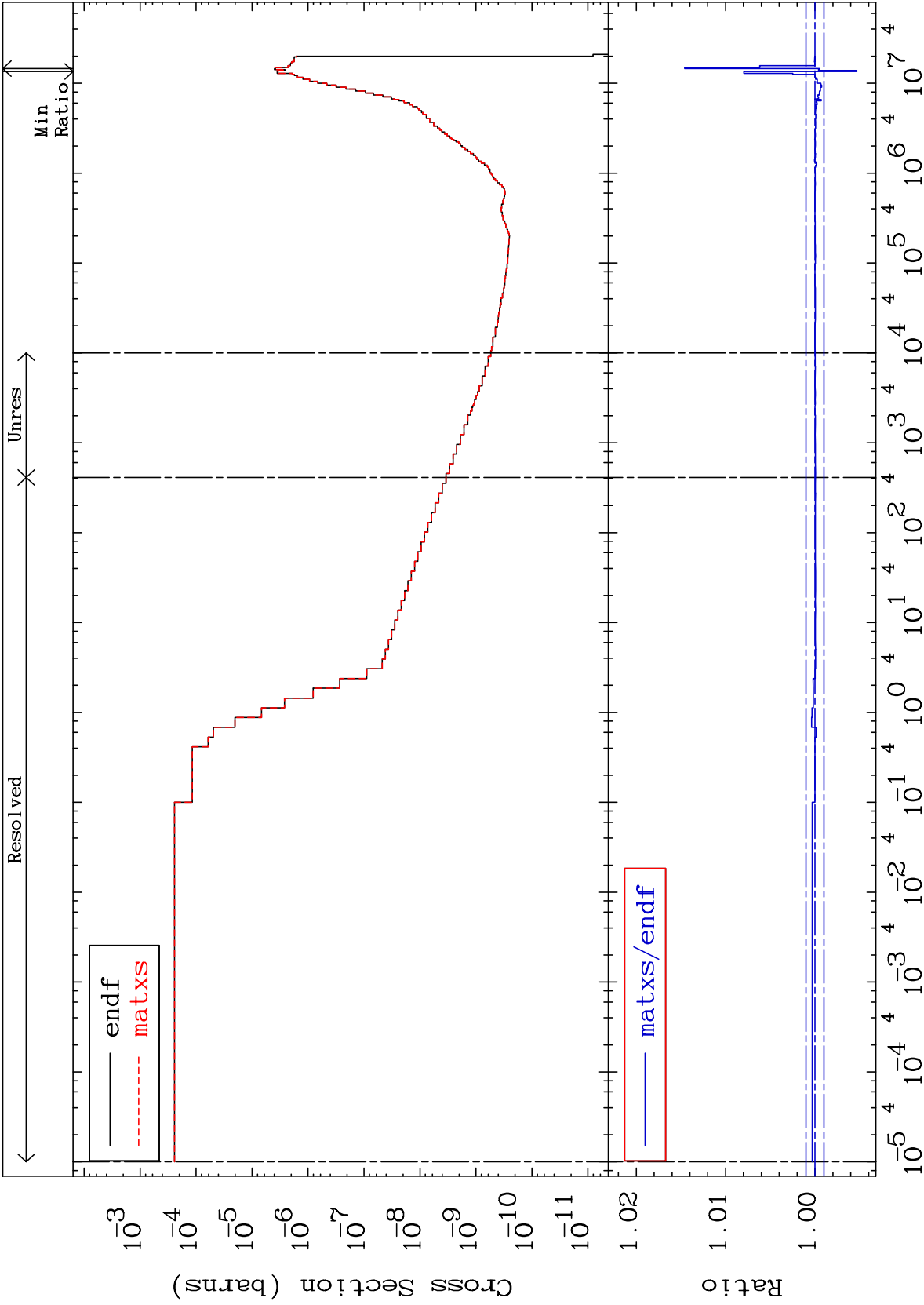
Incident Energy (eV)

71-Lu-175

MAT 7125

526.2 keV (n, α') Level
Cross Section

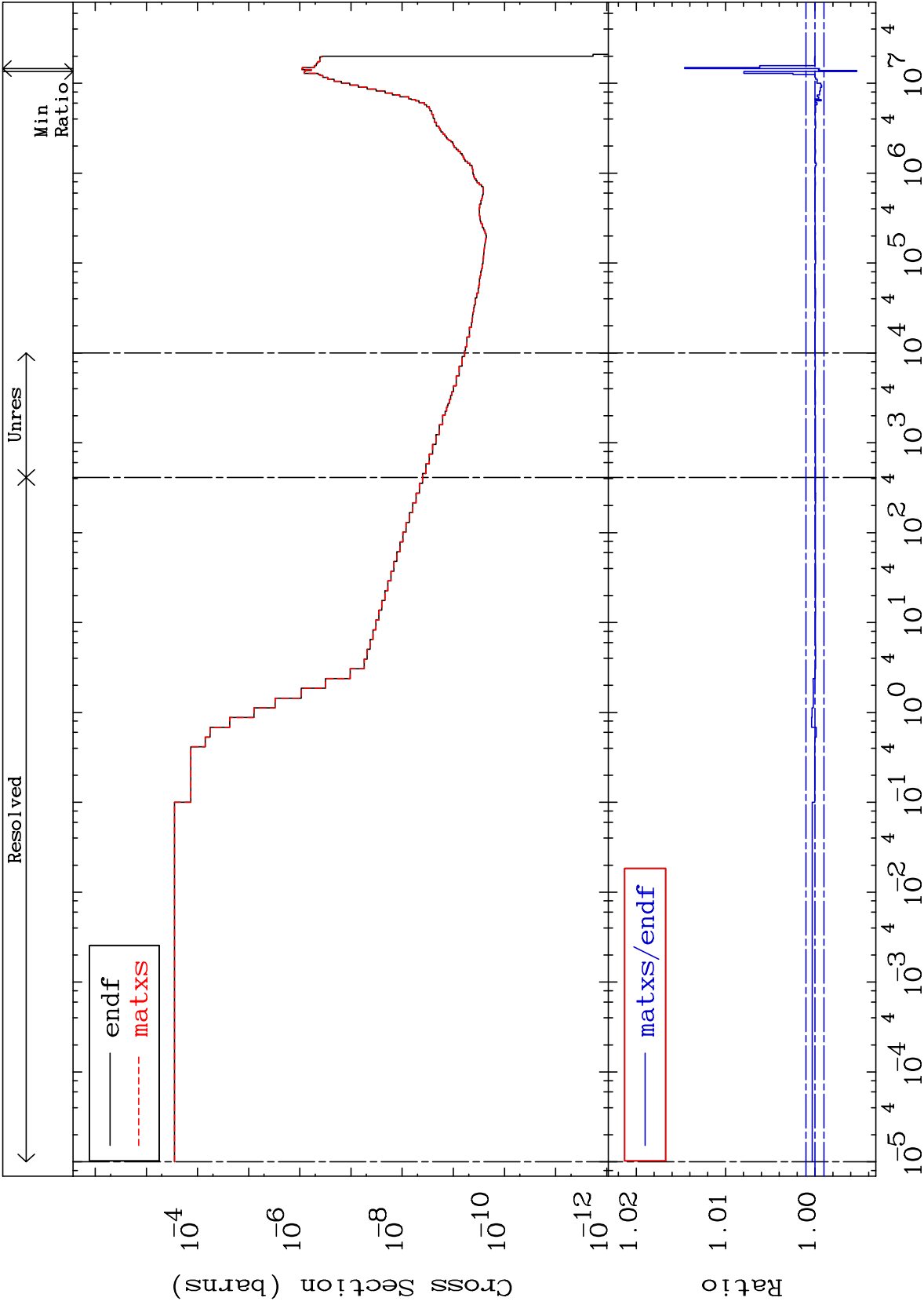
71-Lu-175
-0.468 To 1.459 %



MAT 7125

535.1 keV (n, α') Level
Cross Section

71-Lu-175
-0.468 To 1.459 %



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Incident Energy (eV)

71-Lu-175

MAT 7125

535.1 keV (n,α') Level
Cross Section

71-Lu-175
-0.571 To 471.9 %

