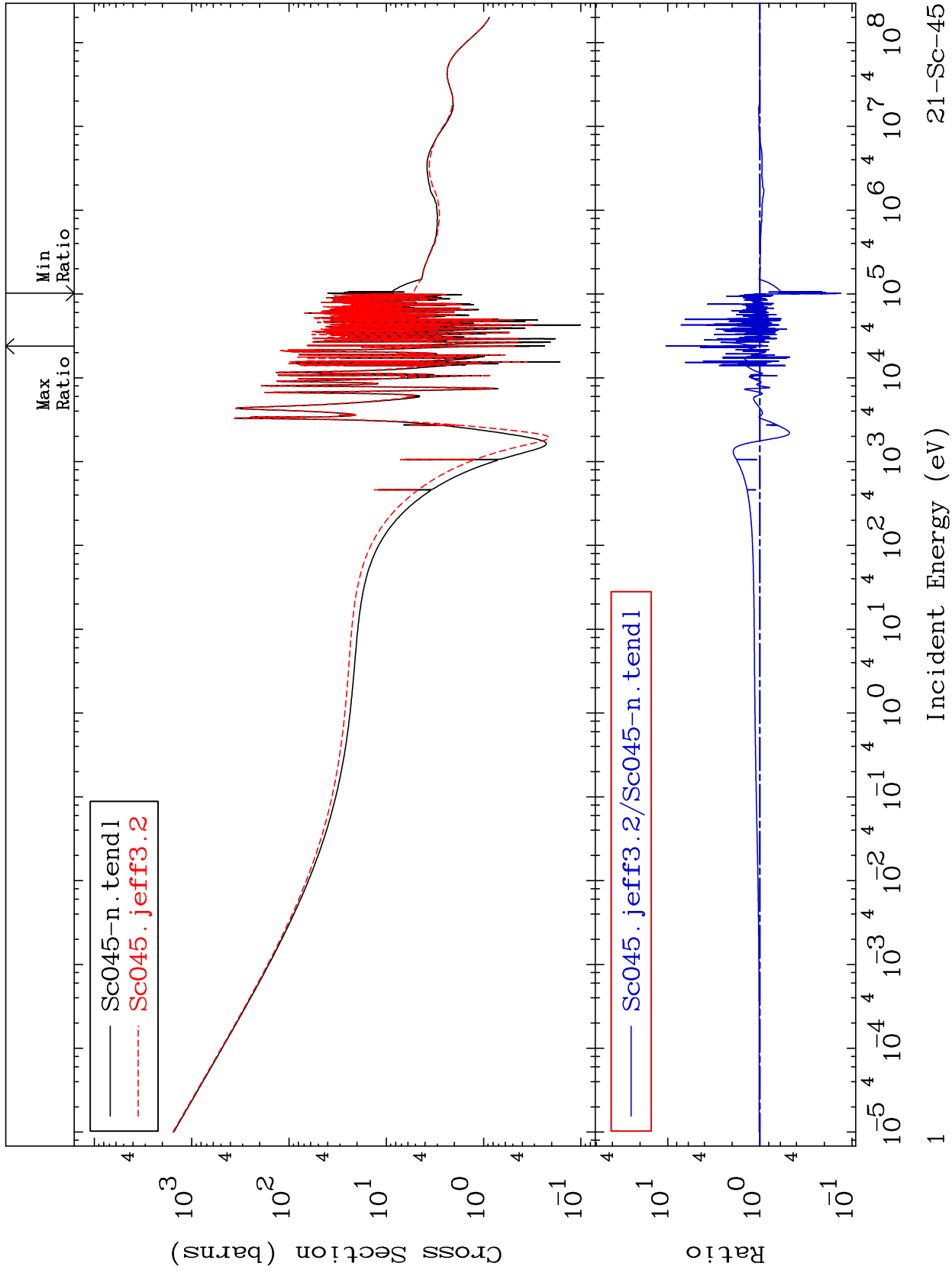


MAT 2125

Total
Cross Section

21-Sc-45
-86.79 To 947.7 %



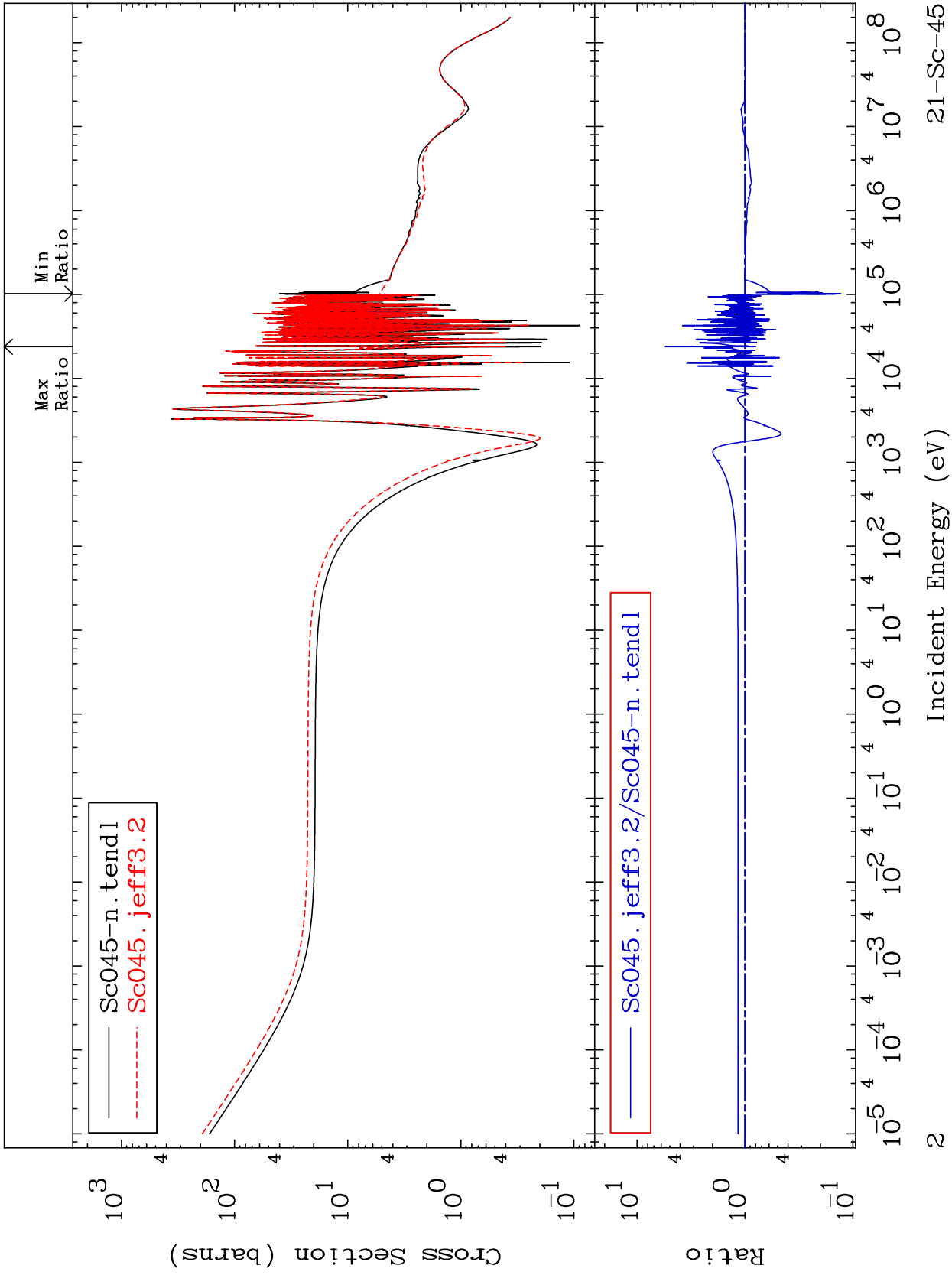
21-Sc-45

Incident Energy (eV)

MAT 2125

Elastic
Cross Section

21-Sc-45
-86.99 To 446.4 %



2

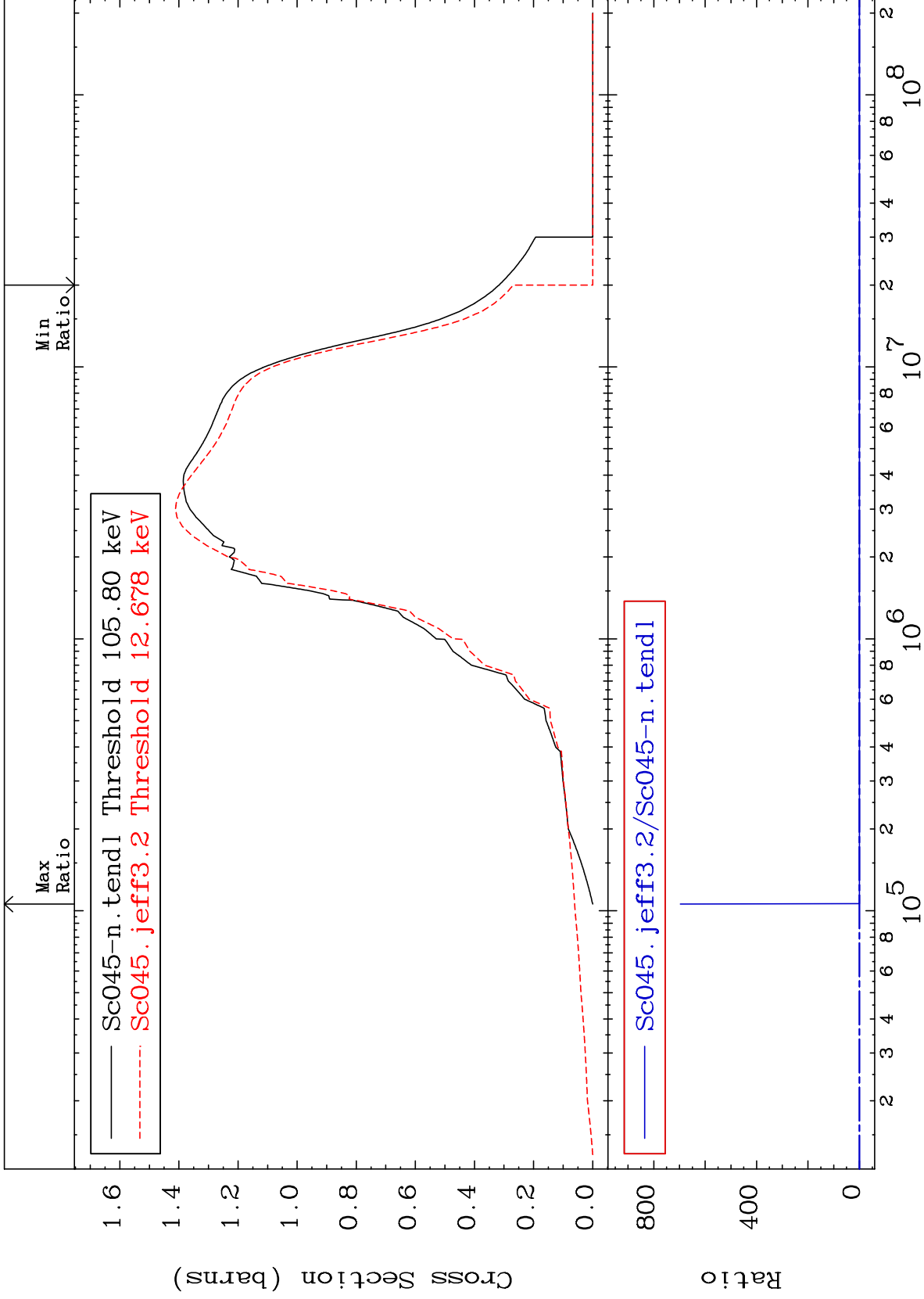
Incident Energy (eV)

21-Sc-45

MAT 2125

Inelastic
Cross Section

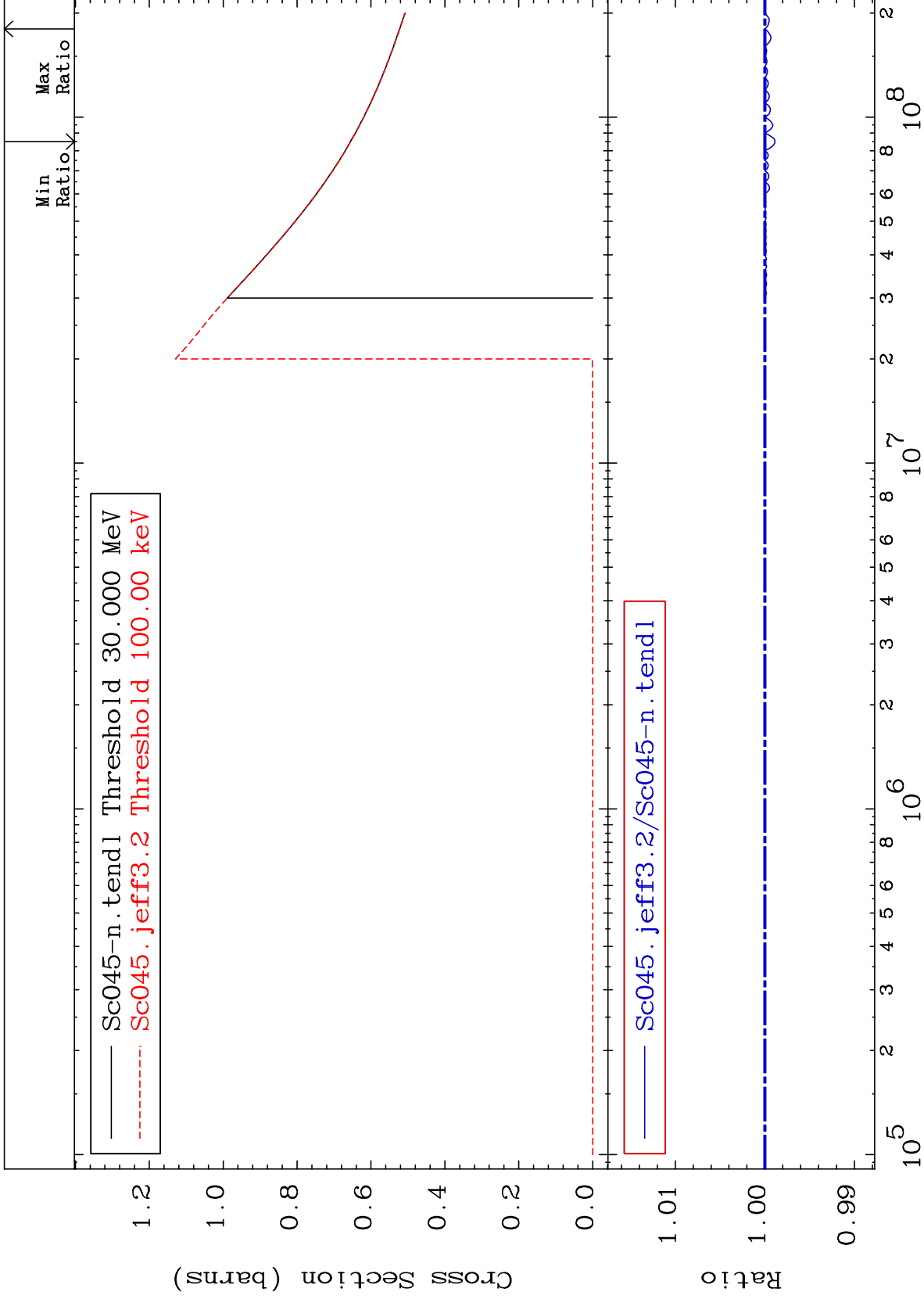
21-Sc-45
-100.0 To 9999. %



MAT 2125

(n, remainder)
Cross Section

21-Sc-45
-0.114 To 0.000 %



Incident Energy (eV)

21-Sc-45

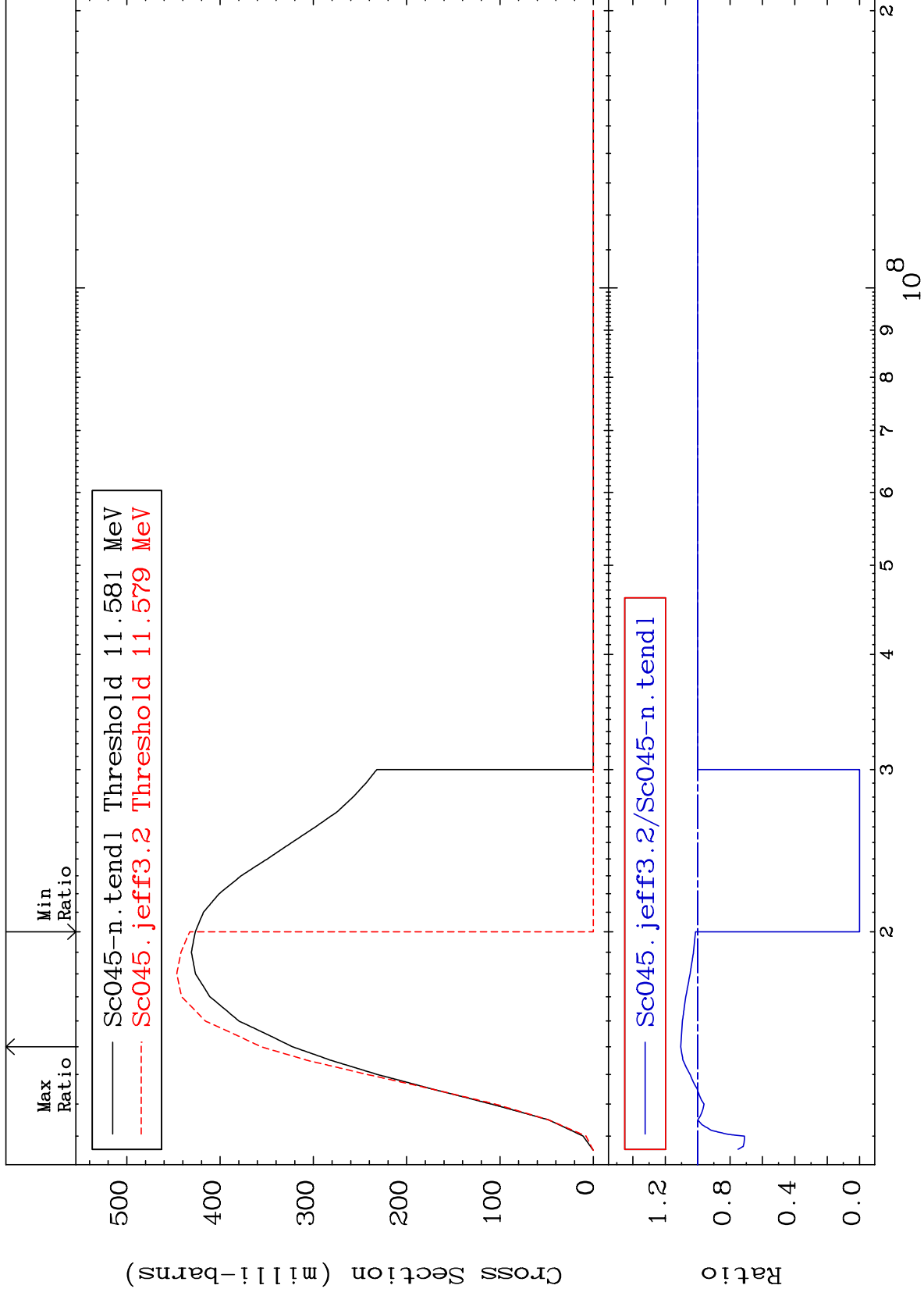
MAT 2125

(n,2n)

21-Sc-45

Cross Section

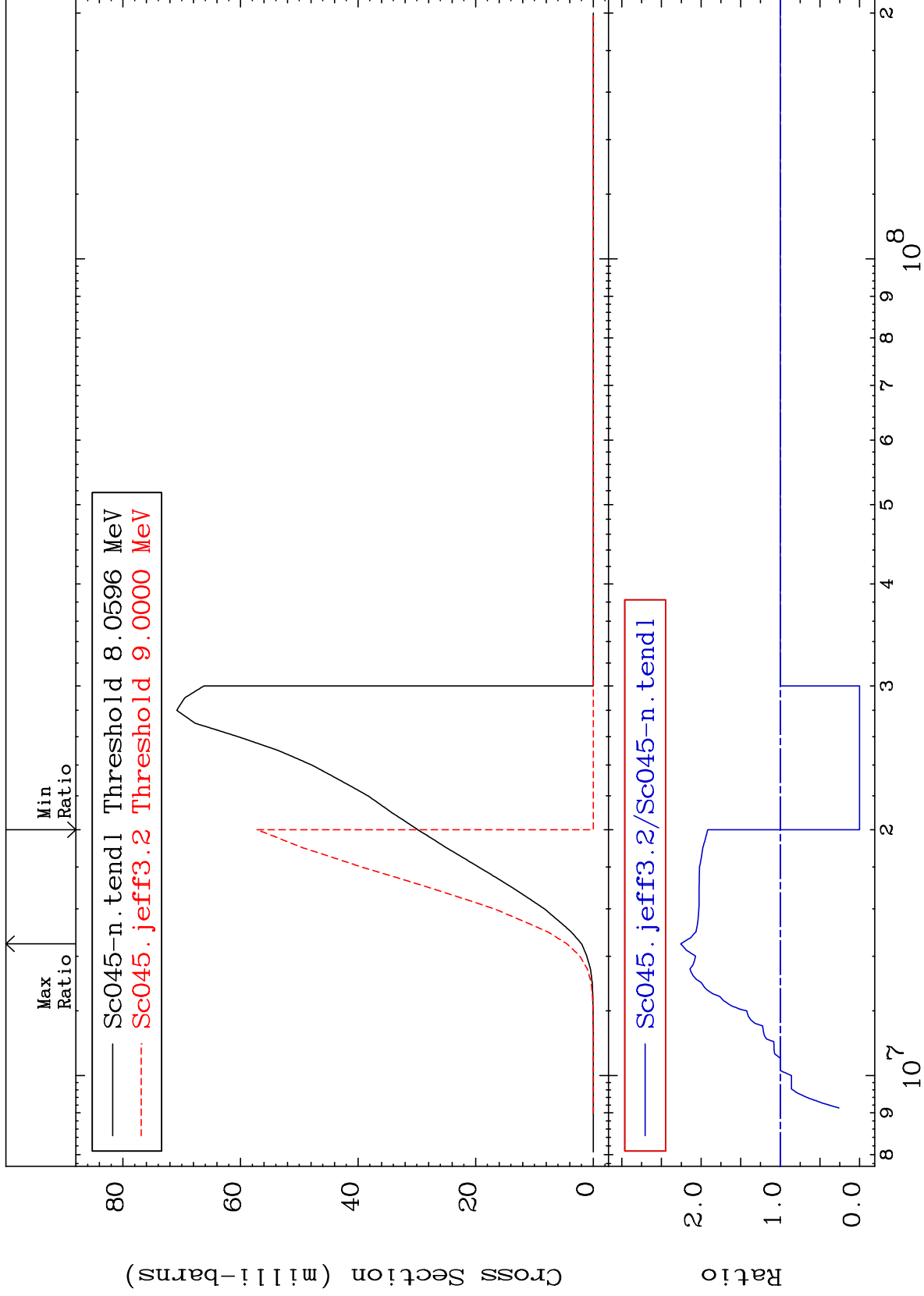
-100.0 To 10.45 %



MAT 2125

(n, n') α
Cross Section

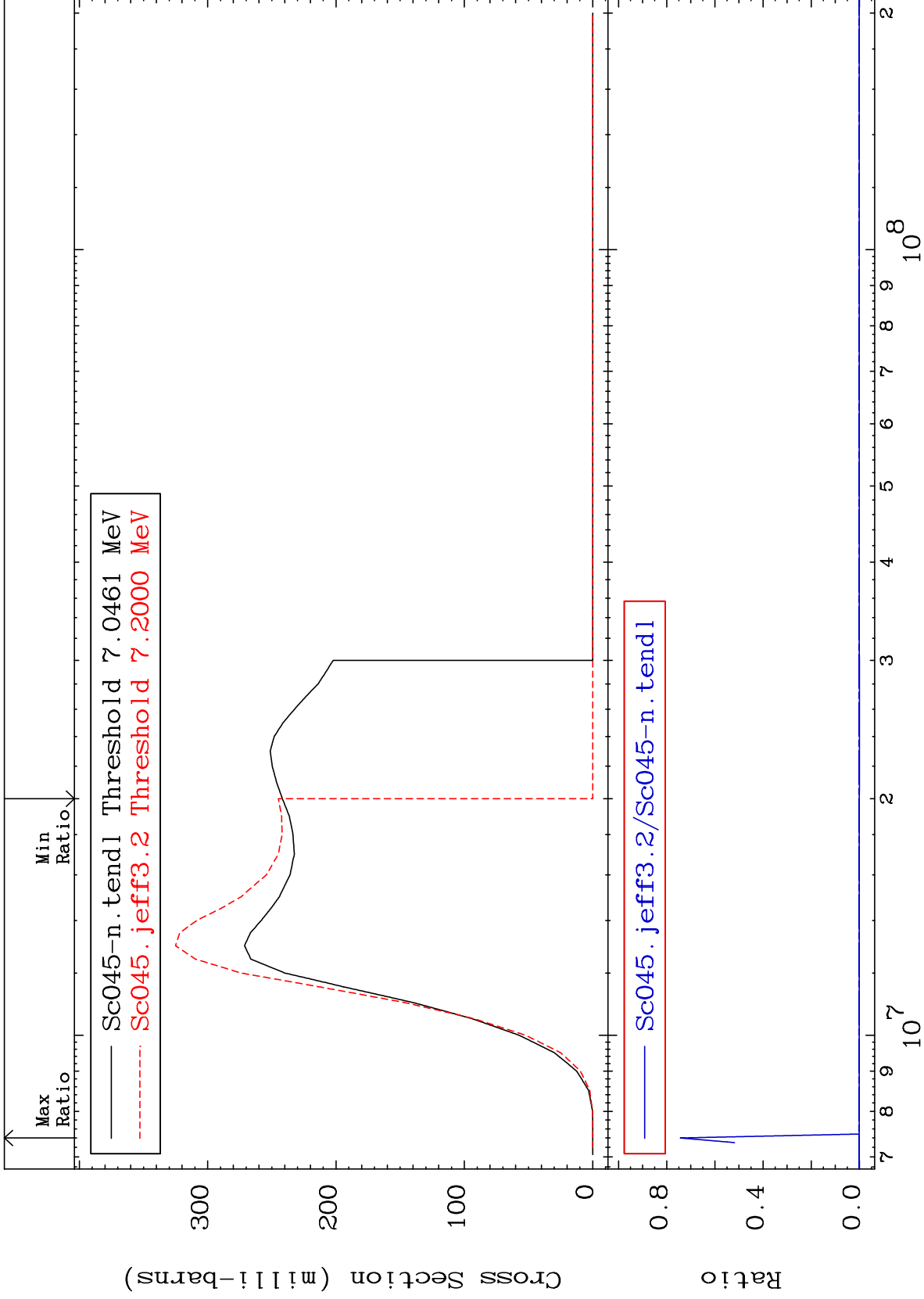
21-Sc-45
-100.0 To 125.6 %



MAT 2125

(n,n') p
Cross Section

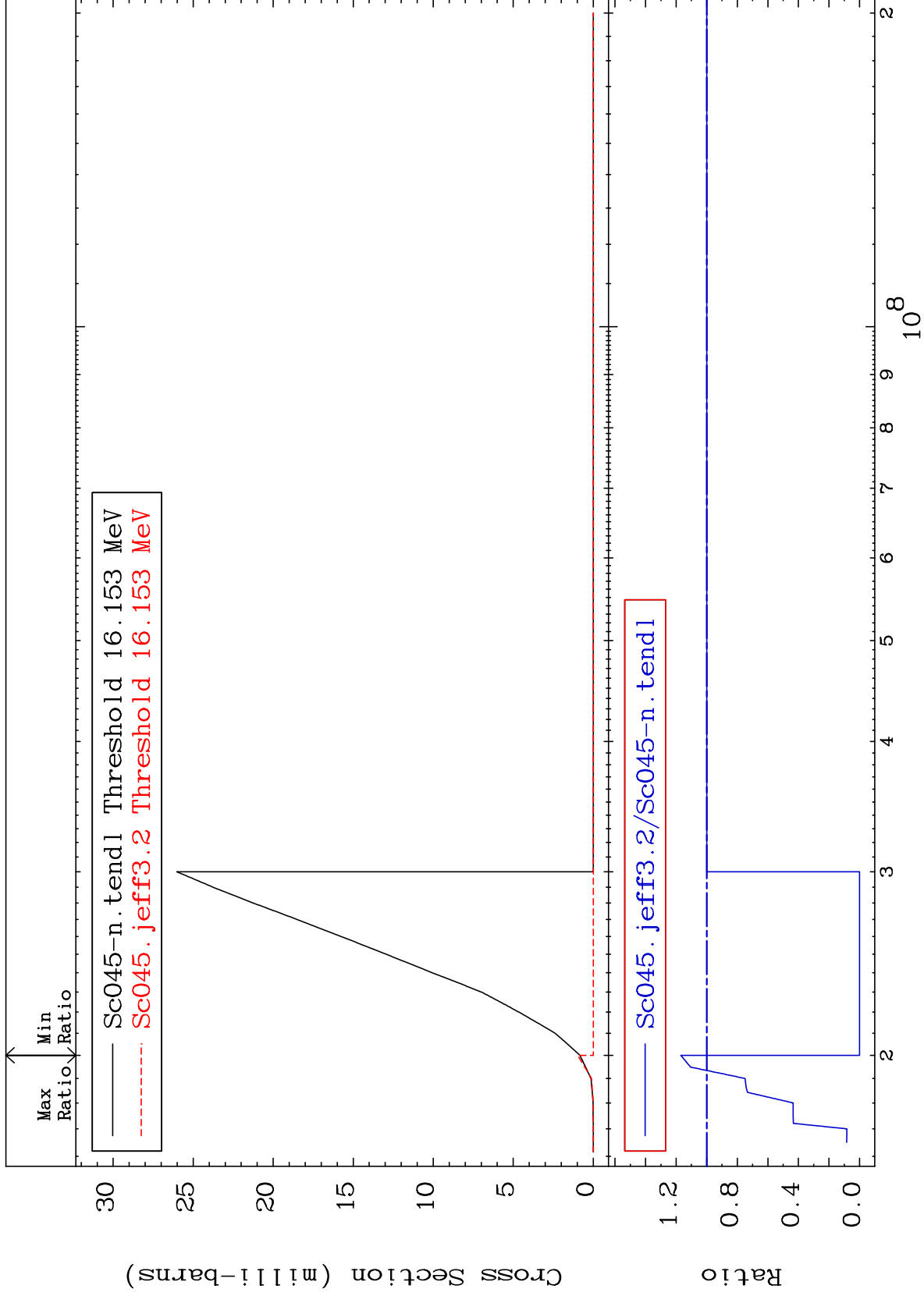
21-Sc-45
-100.0 To 9999. %



MAT 2125

(n,n') d
Cross Section

21-Sc-45
-100.0 To 16.98 %



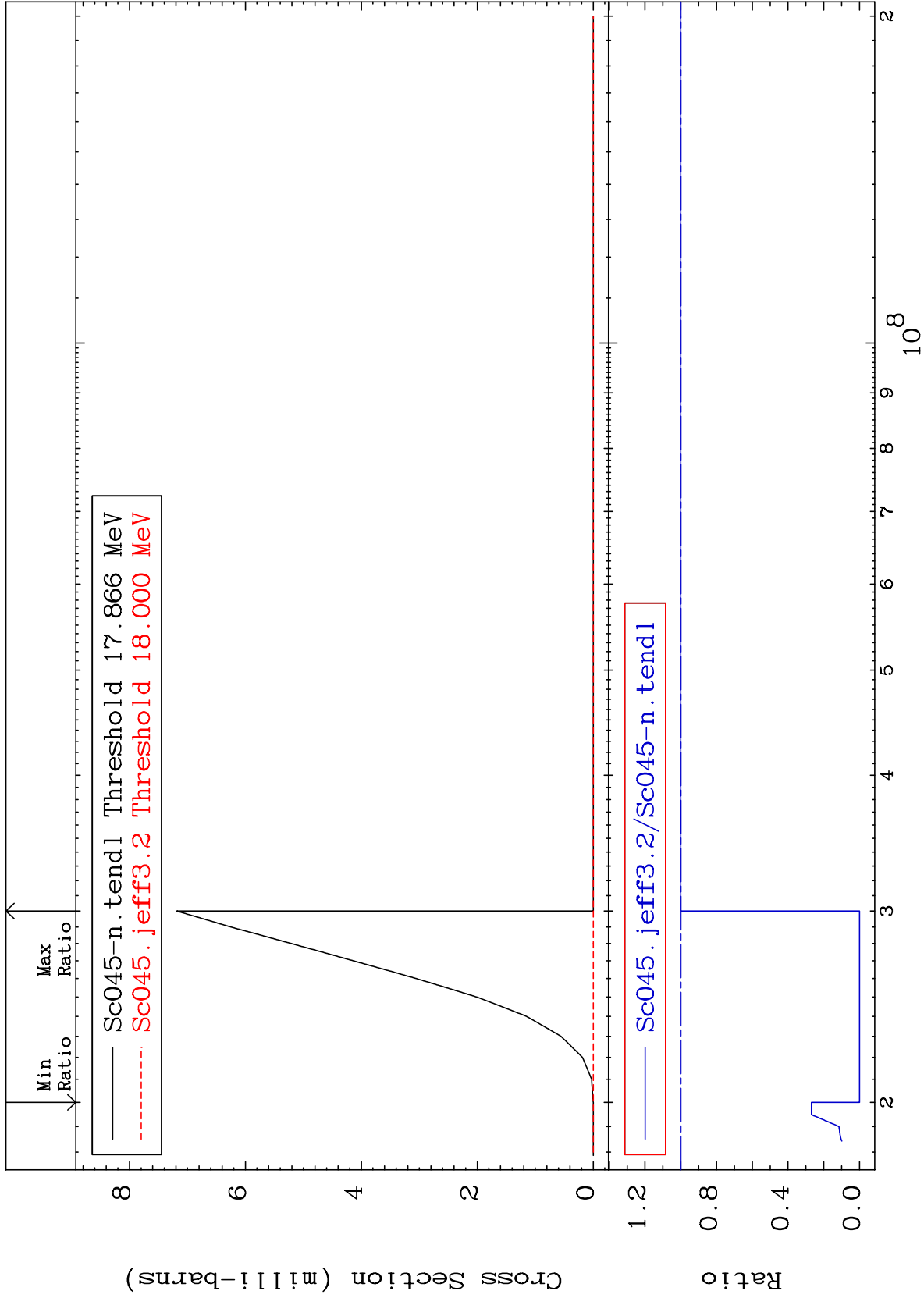
MAT 2125

(n,n') t

21-Sc-45

Cross Section

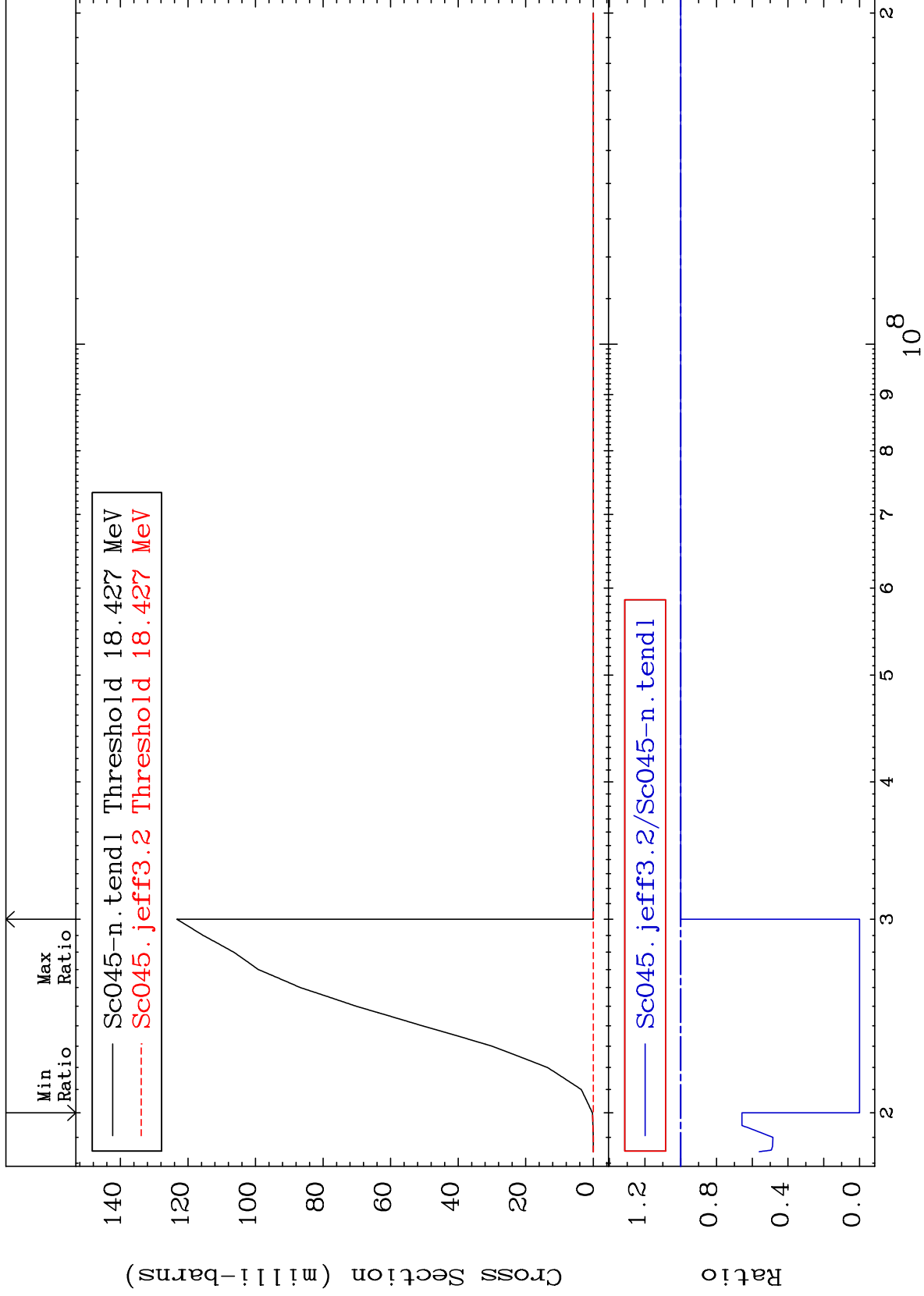
-100.0 To 0.000 %



MAT 2125

(n,2n) p
Cross Section

21-Sc-45
-100.0 To 0.000 %



10

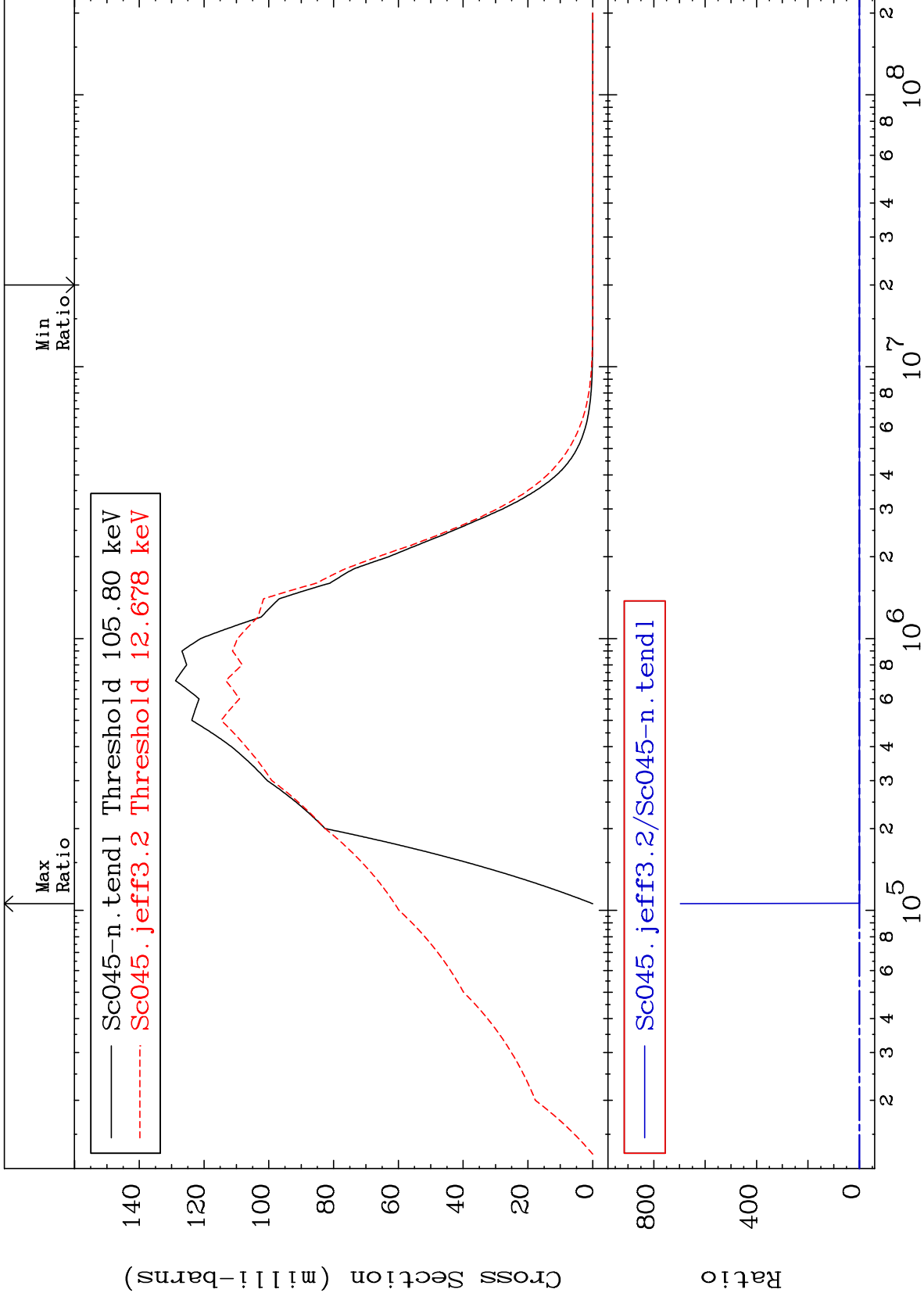
Incident Energy (eV)

21-Sc-45

MAT 2125

12.40 keV (n,n') Level
Cross Section

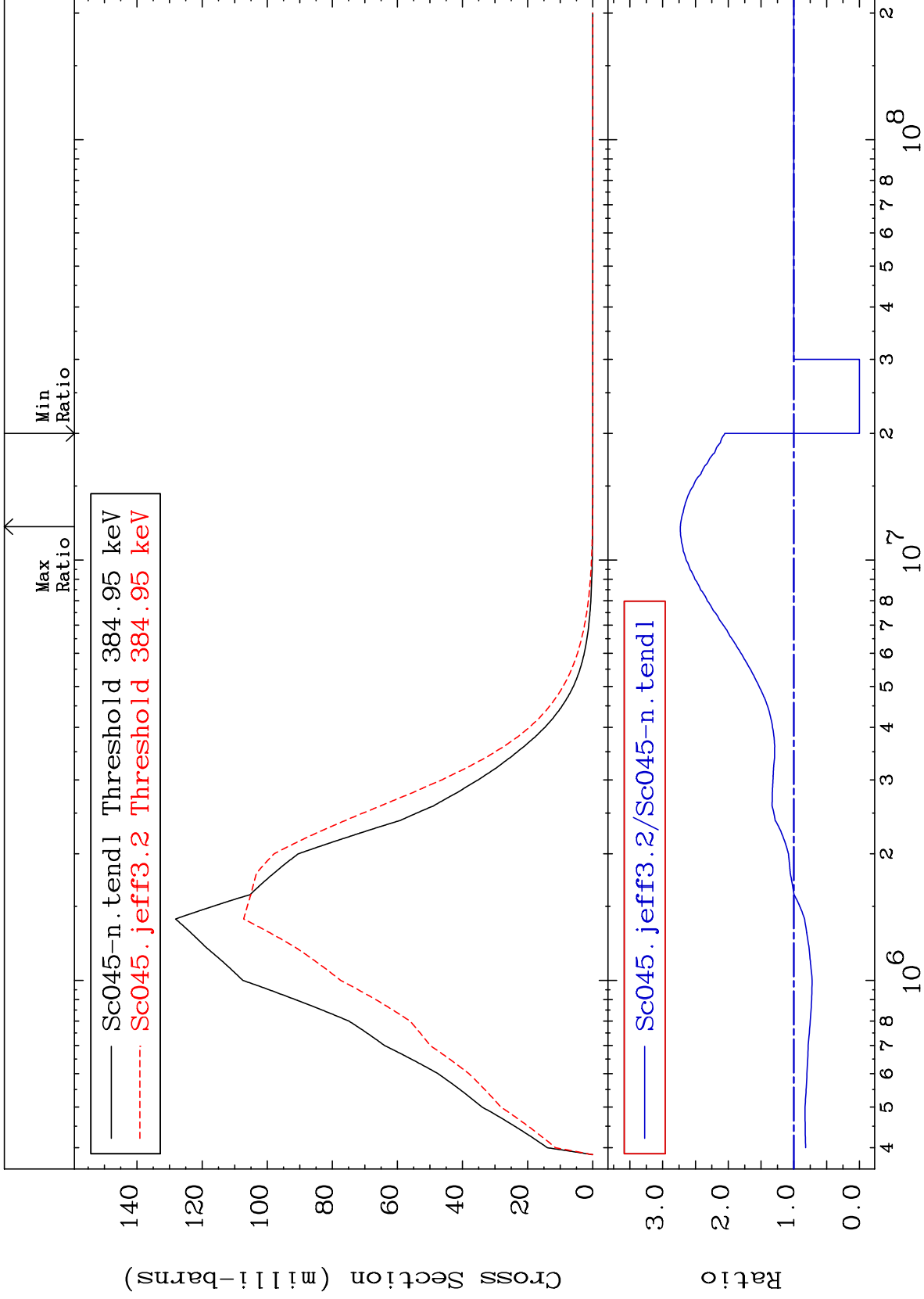
21-Sc-45
-100.0 To 9999. %



MAT 2125

376.5 keV (n,n') Level
Cross Section

21-Sc-45
-100.0 To 173.0 %



12

Incident Energy (eV)

21-Sc-45

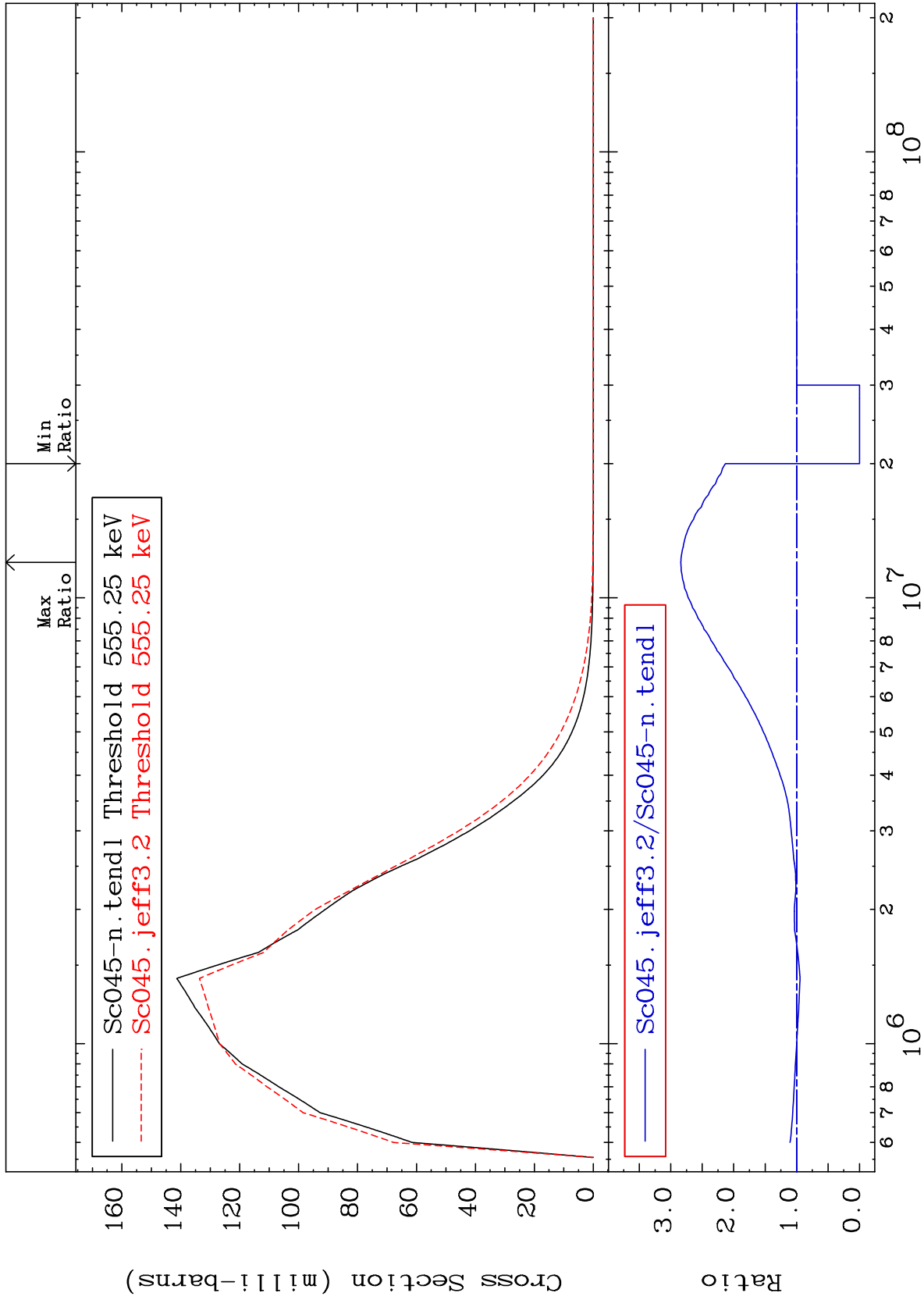
MAT 2125

543.1 keV (n,n') Level

²¹Sc-45

-100.0 To 184.1 %

Cross Section



13

Incident Energy (eV)

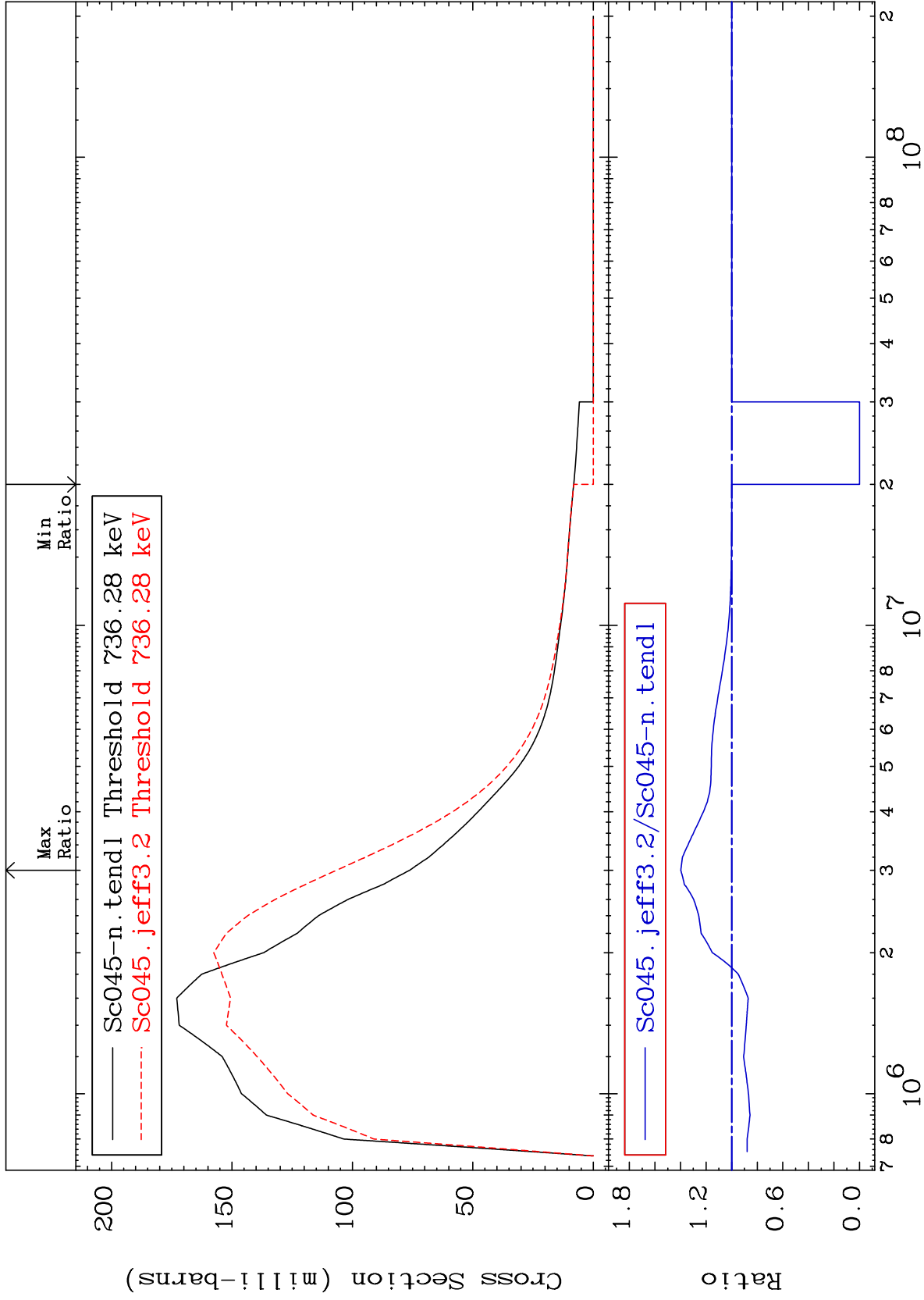
²¹Sc-45

MAT 2125

720.1 keV (n,n') Level

21-Sc-45

-100.0 To 39.81 %



14

Incident Energy (eV)

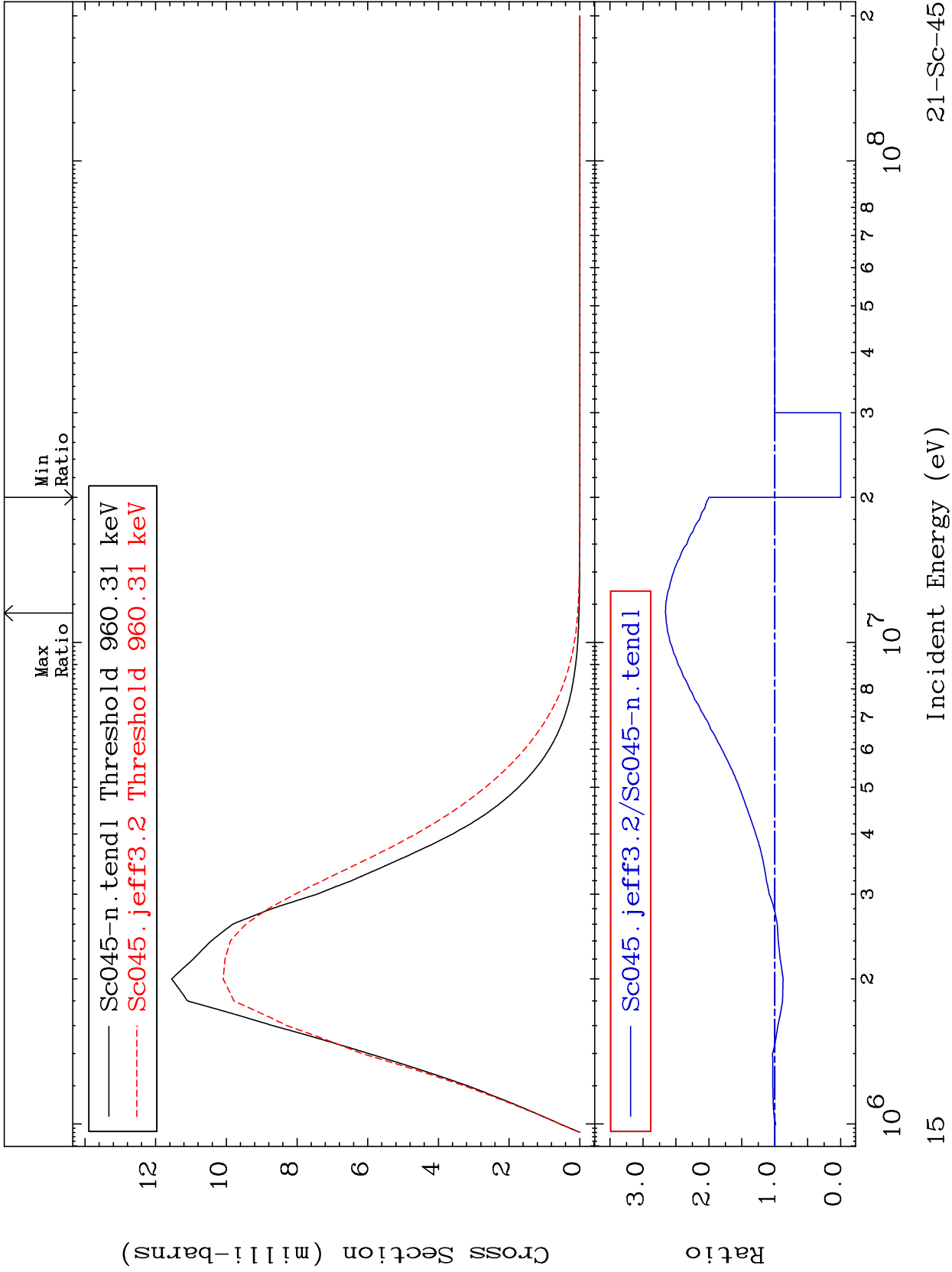
21-Sc-45

MAT 2125

939.2 keV (n,n') Level

21-Sc-45

-100.0 To 165.8 %



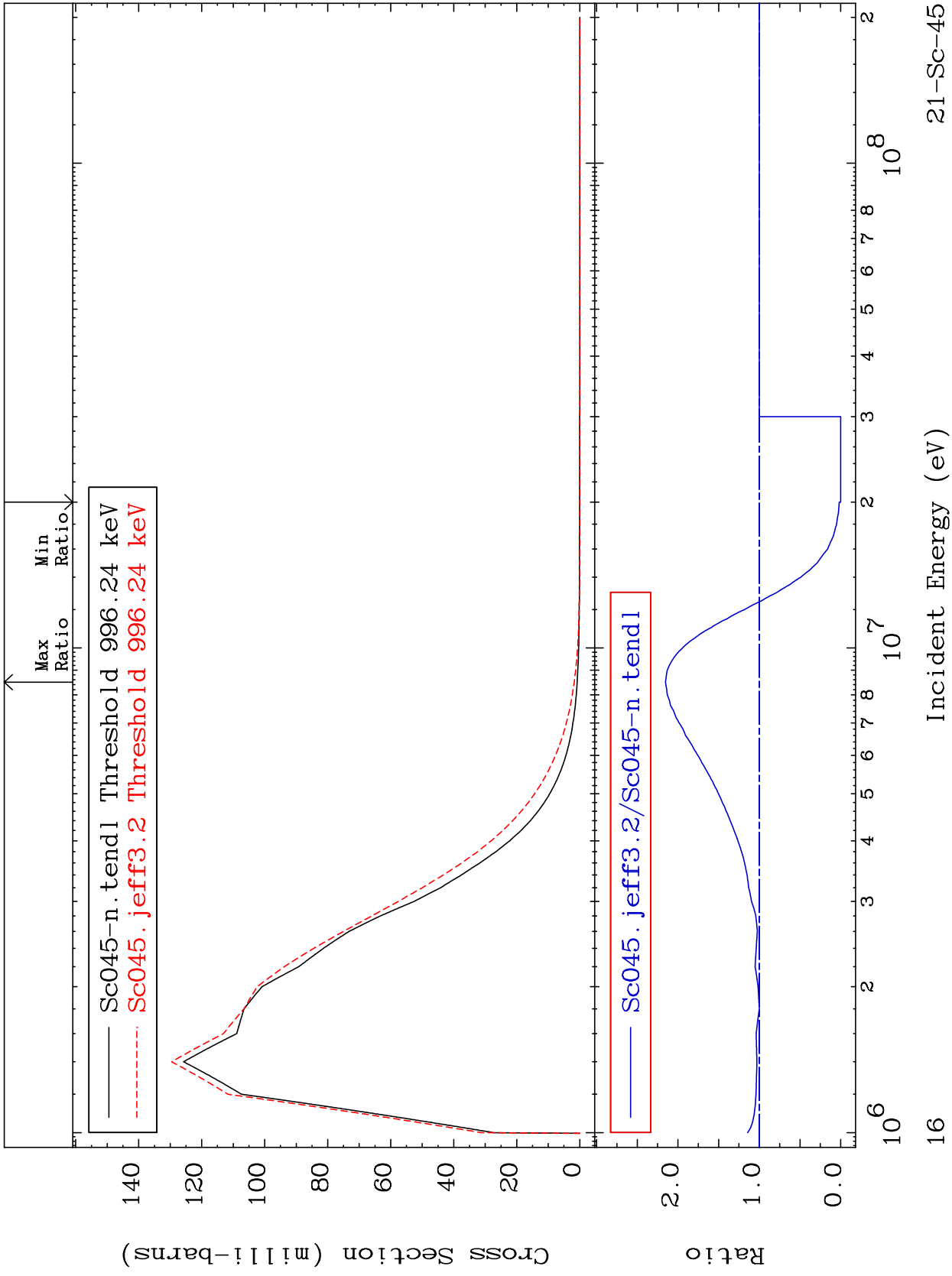
MAT 2125

974.4 keV (n,n') Level

21-Sc-45

-100.0 To 115.3 %

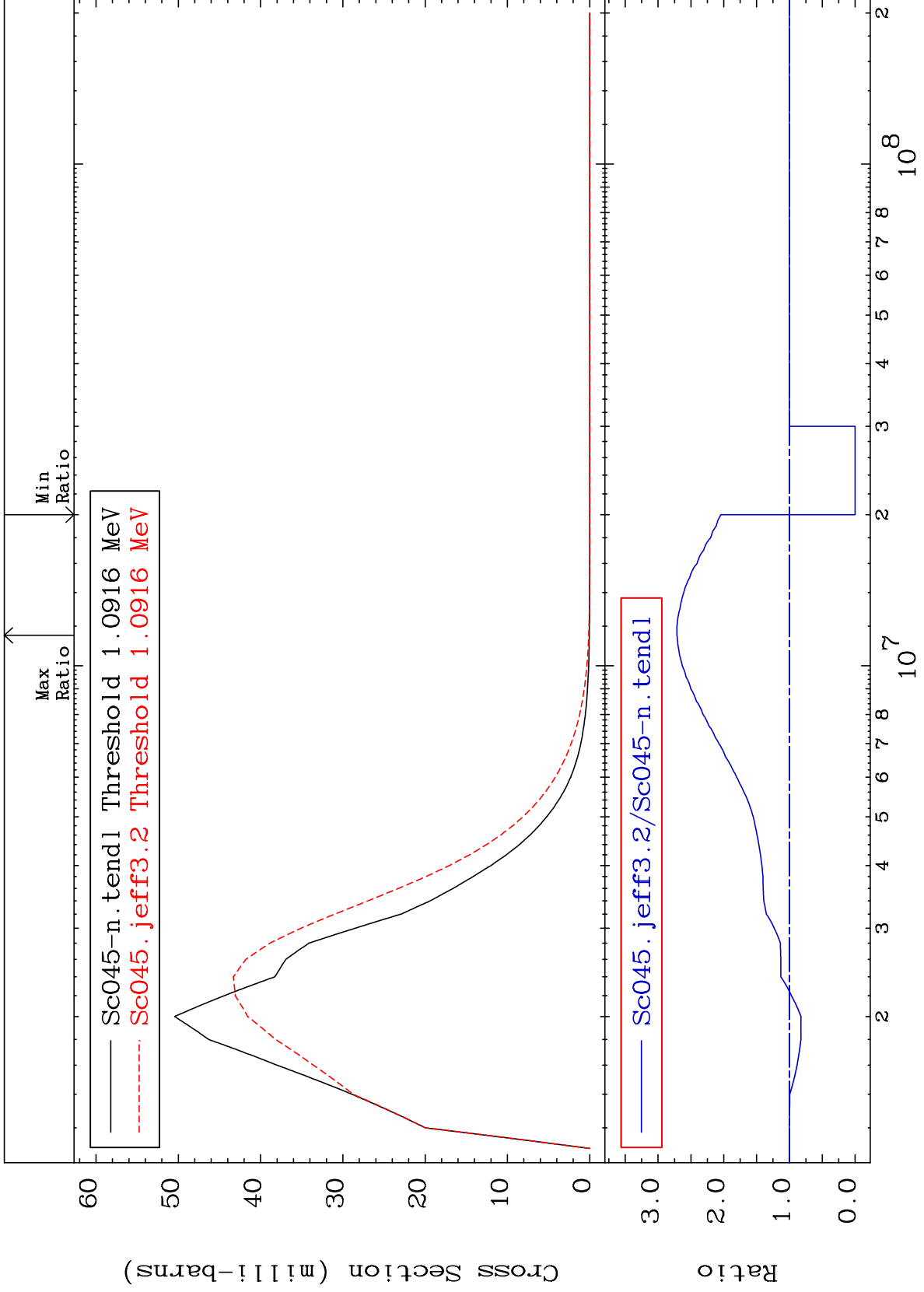
Cross Section



MAT 2125

1.068 MeV (n,n') Level
Cross Section

21-Sc-45
-100.0 To 171.3 %



17

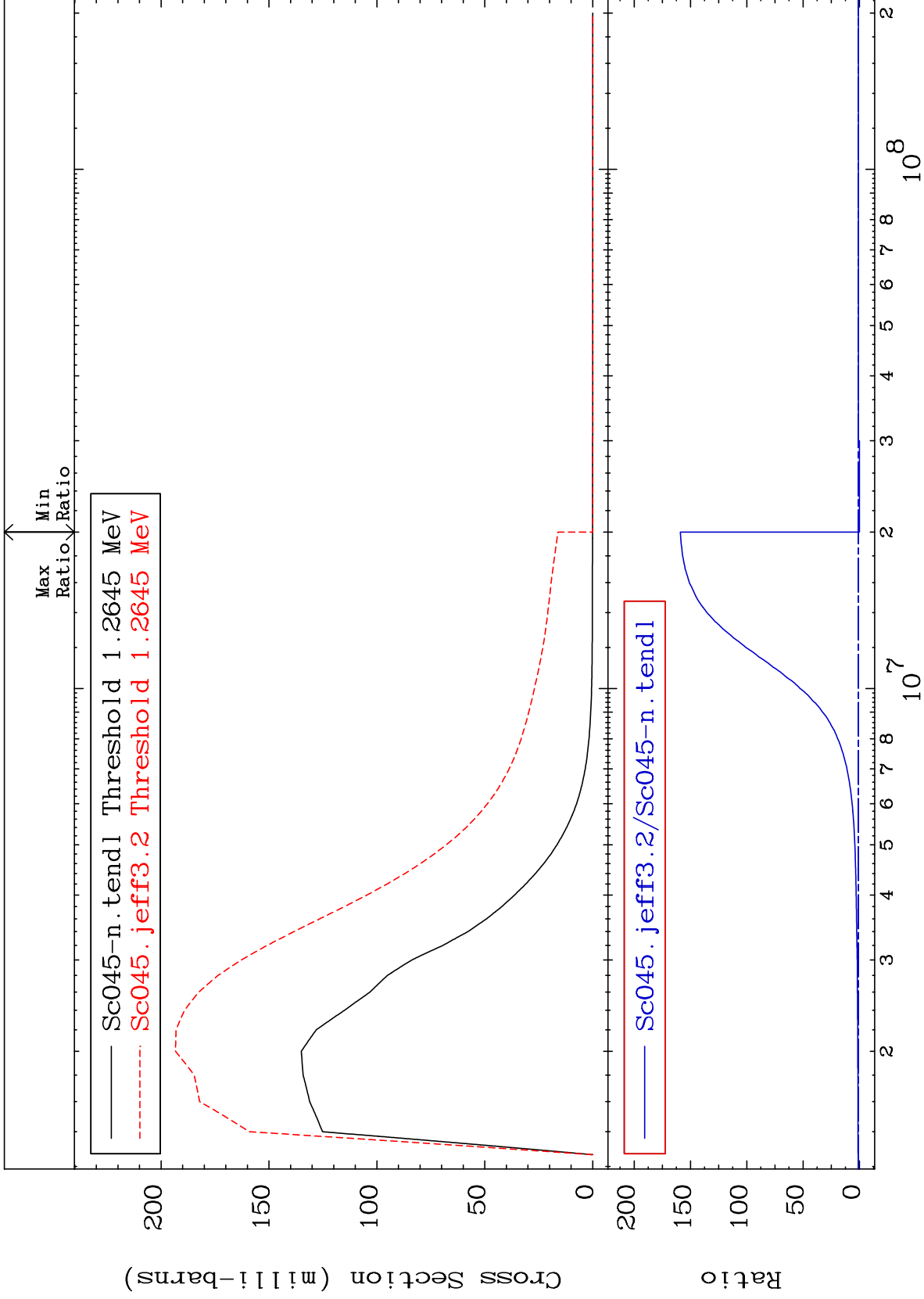
Incident Energy (eV)

21-Sc-45

MAT 2125

1.237 MeV (n,n') Level
Cross Section

21-Sc-45
-100.0 To 9999. %



18

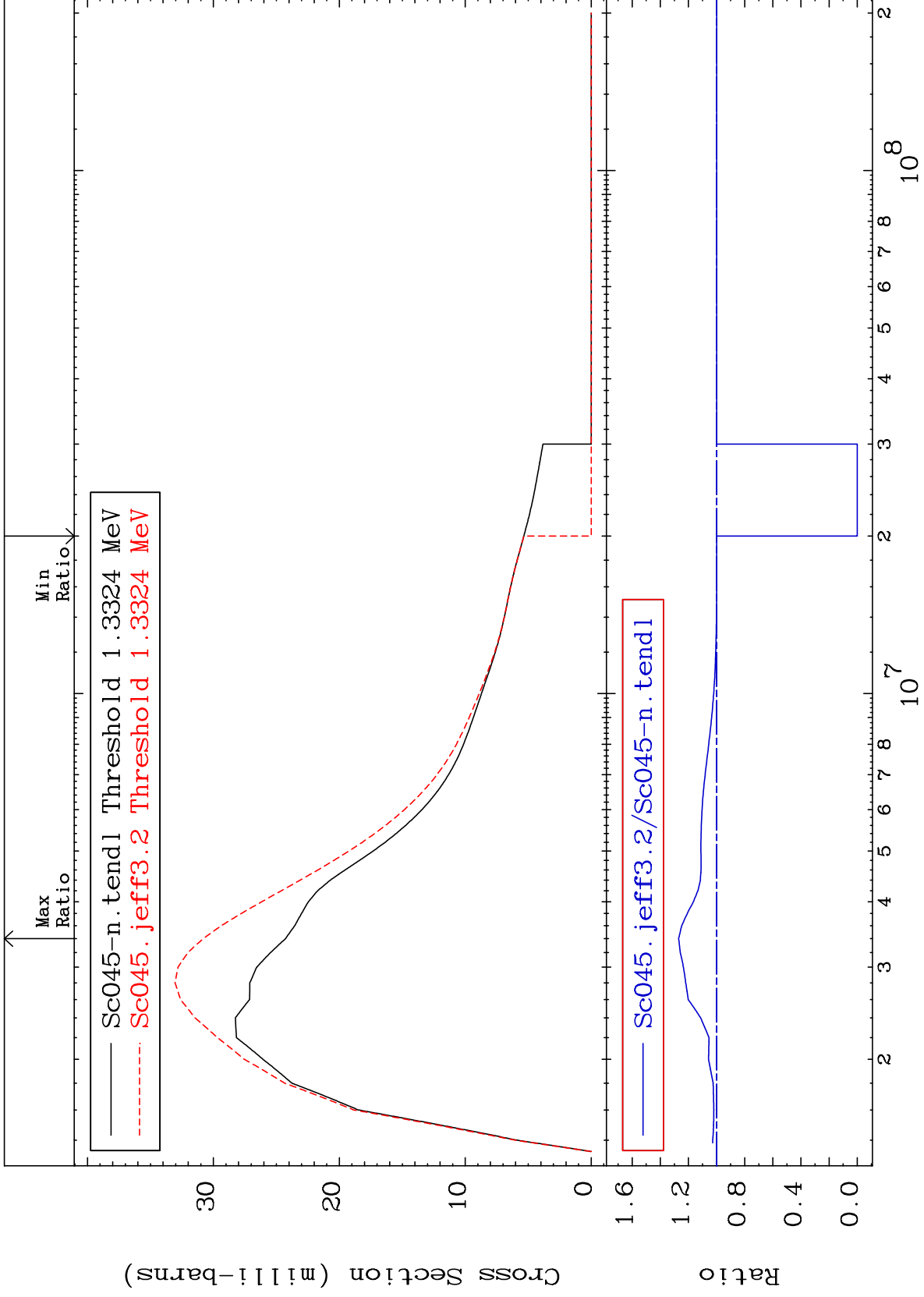
Incident Energy (eV)

21-Sc-45

MAT 2125

1.303 MeV (n,n') Level
Cross Section

21-Sc-45
-100.0 To 26.96 %



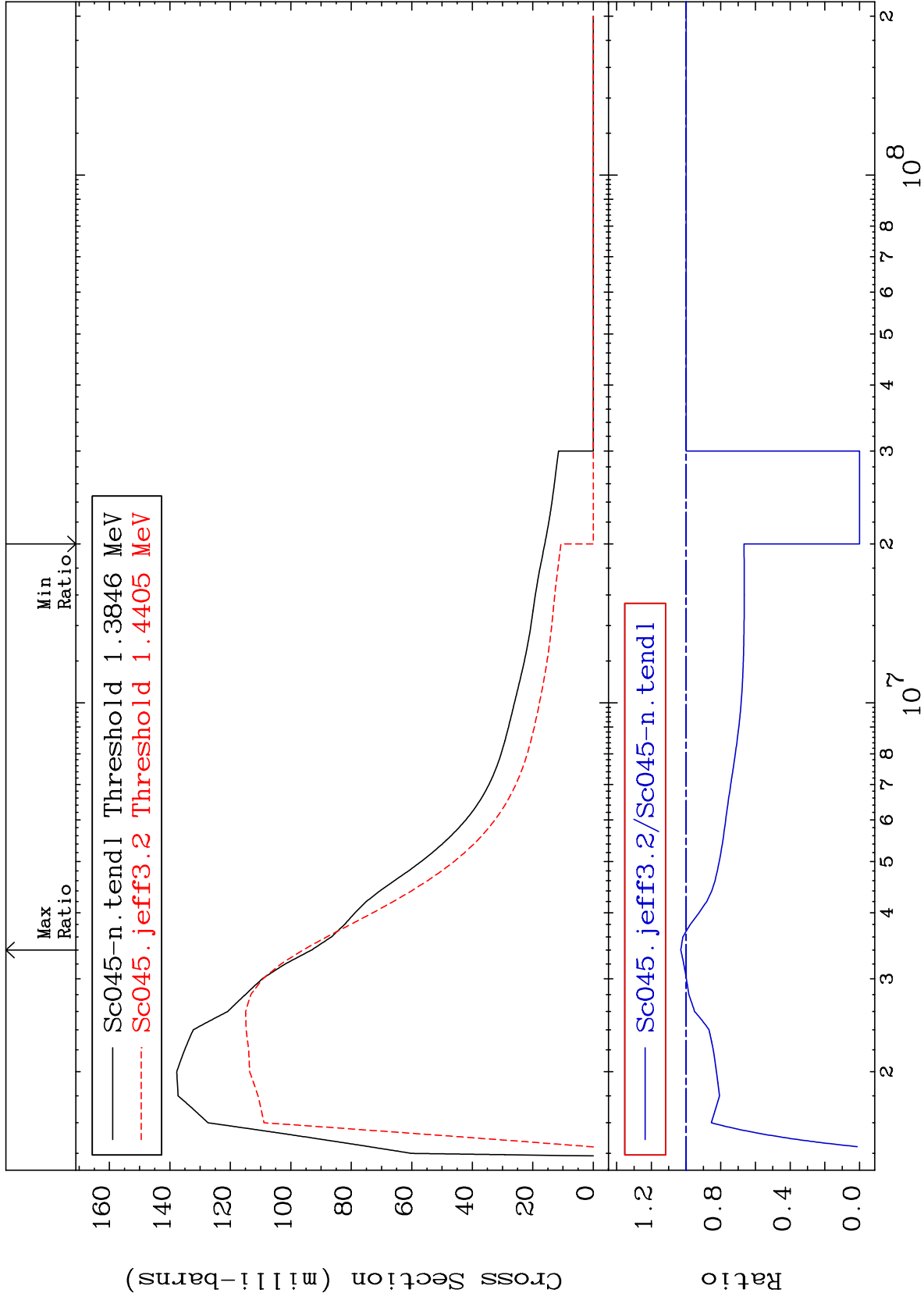
MAT 2125

1.354 MeV (n,n') Level

21-Sc-45

-100.0 To 3.052 %

Cross Section



20

Incident Energy (eV)

21-Sc-45

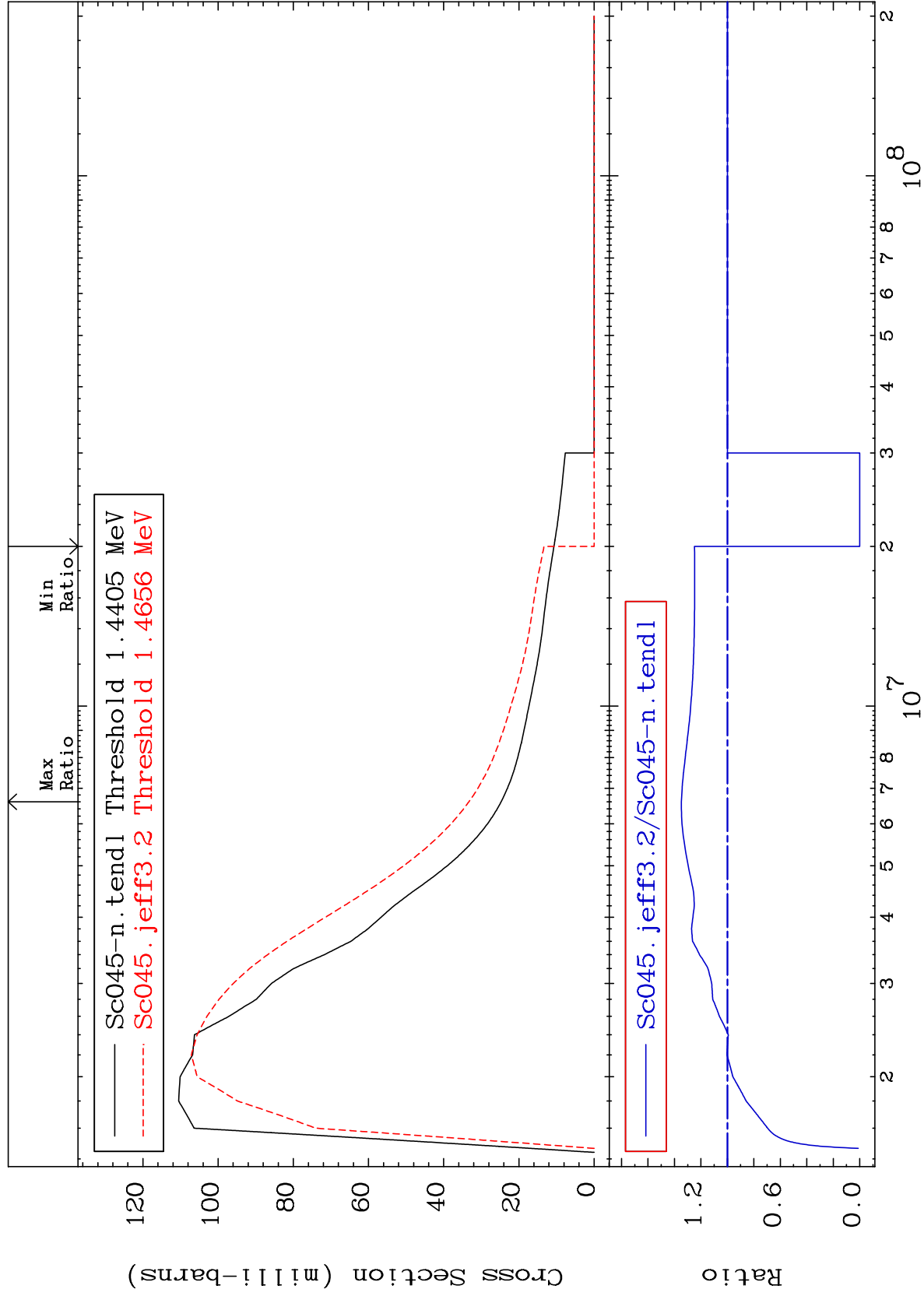
MAT 2125

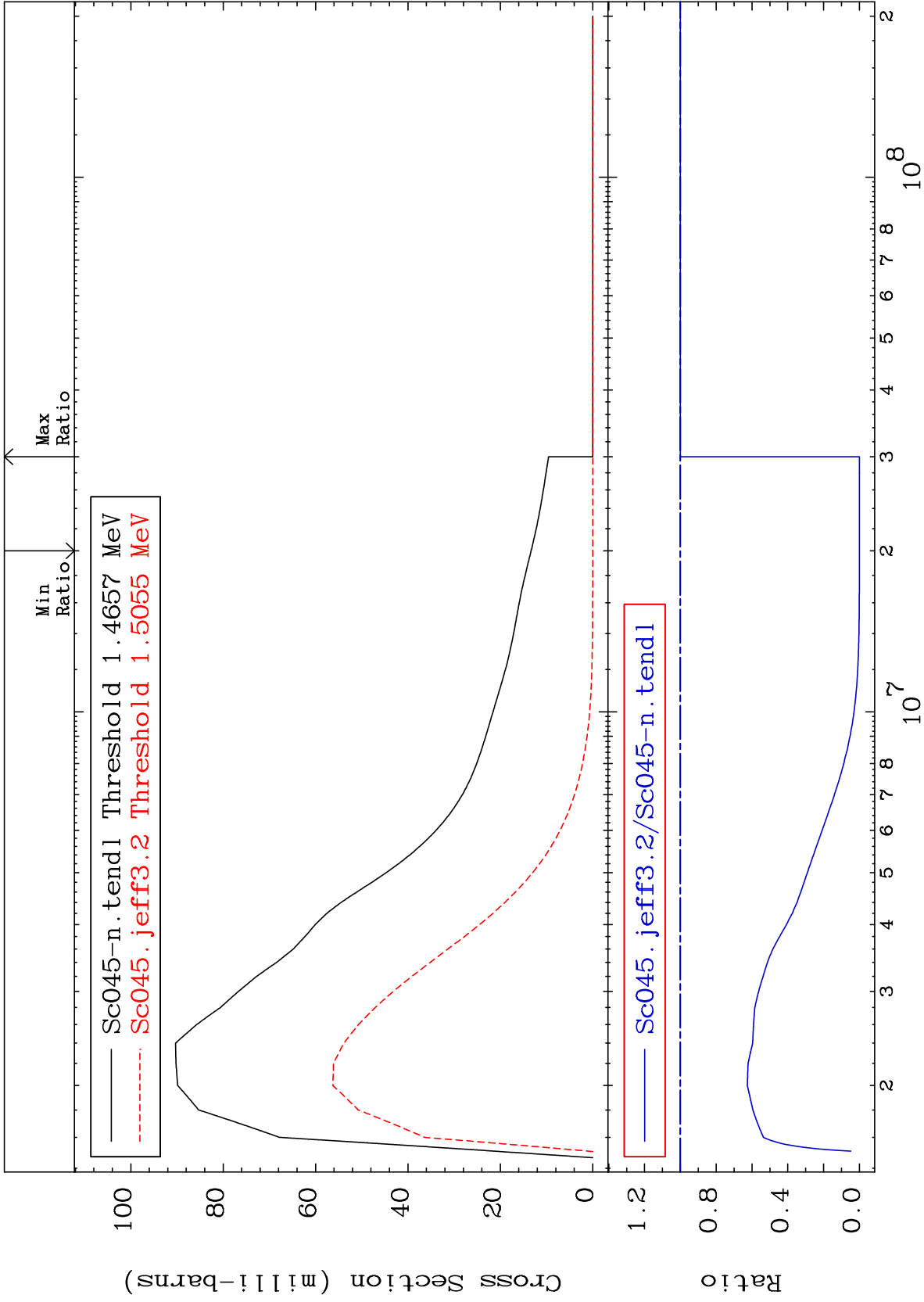
1.409 MeV (n,n') Level

21-Sc-45

-100.0 To 34.77 %

Cross Section

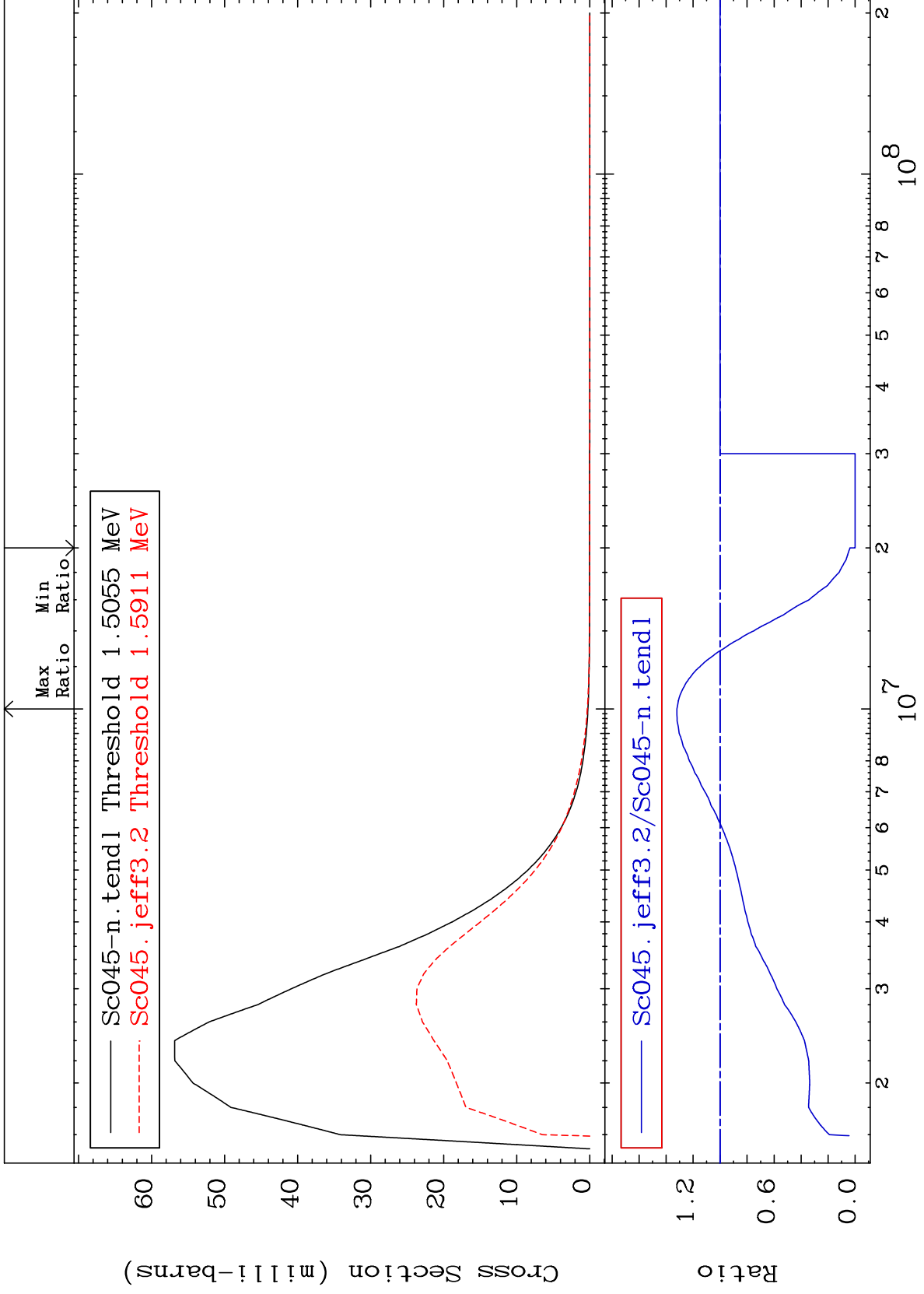




MAT 2125

1.473 MeV (n,n') Level
Cross Section

21-Sc-45
-100.0 To 31.97 %

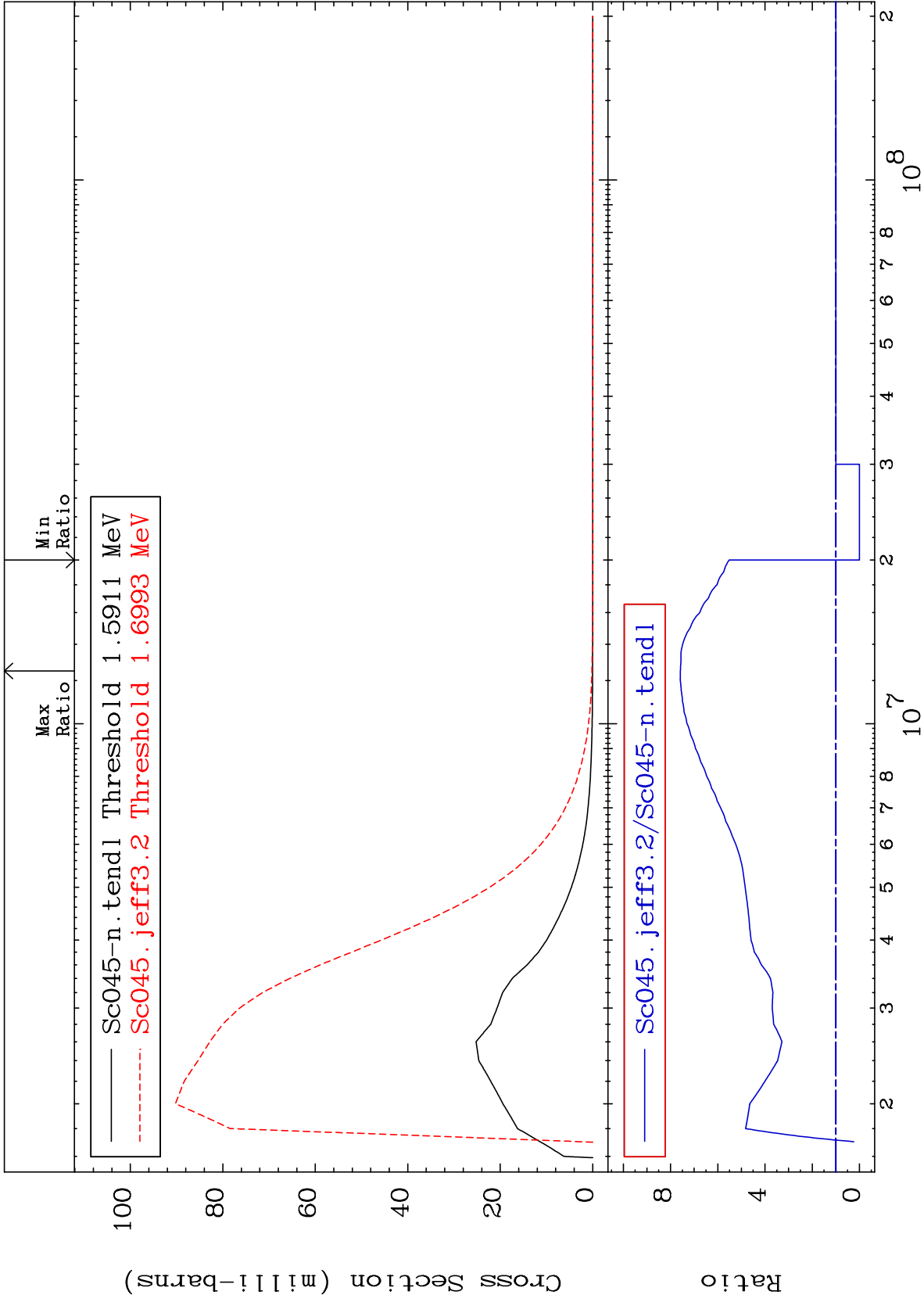


MAT 2125

1.556 MeV (n,n') Level

21-Sc-45

-100.0 To 658.4 %



24

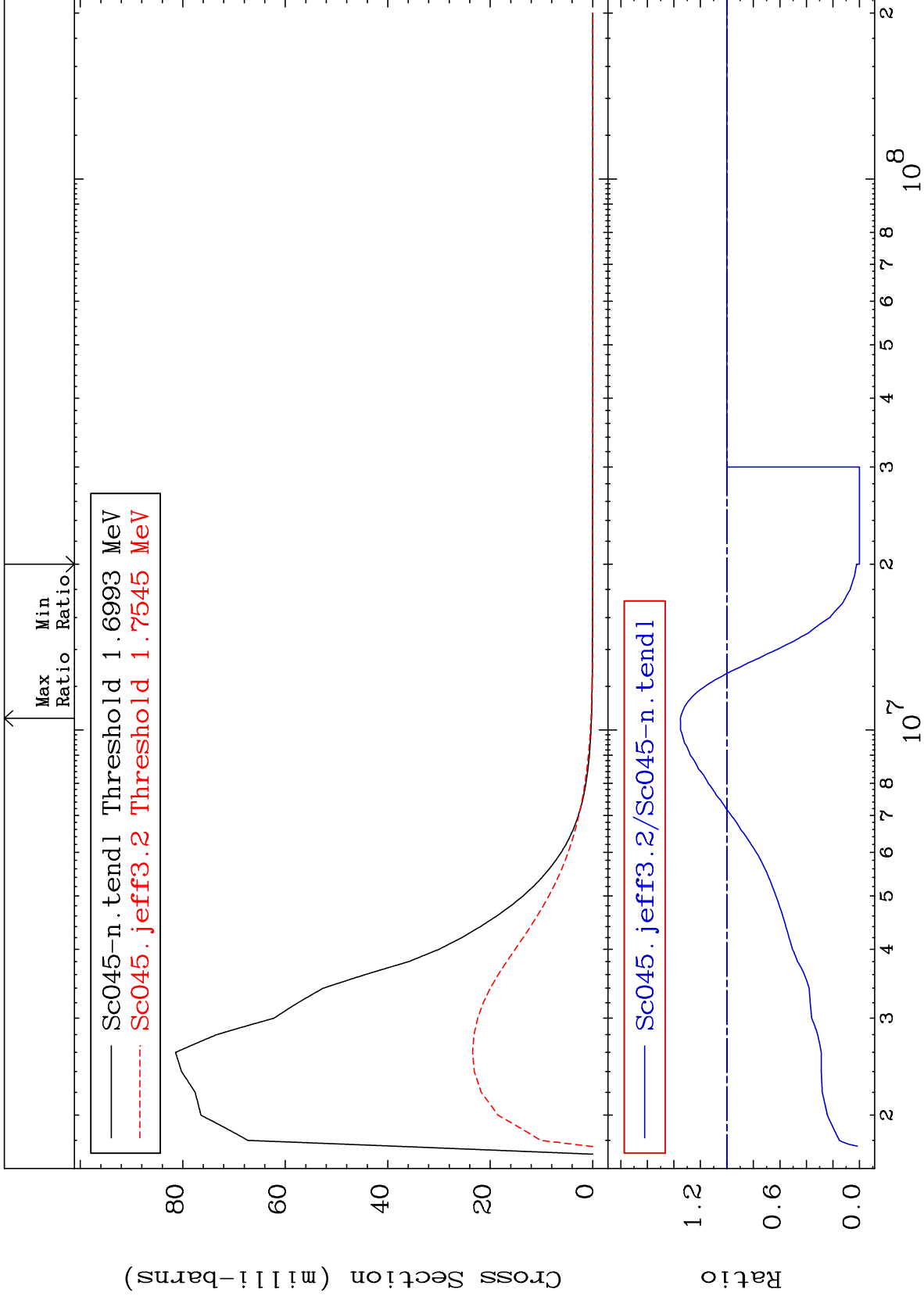
Incident Energy (eV)

21-Sc-45

MAT 2125

1.662 MeV (n,n') Level
Cross Section

21-Sc-45
-100.0 To 35.11 %



25

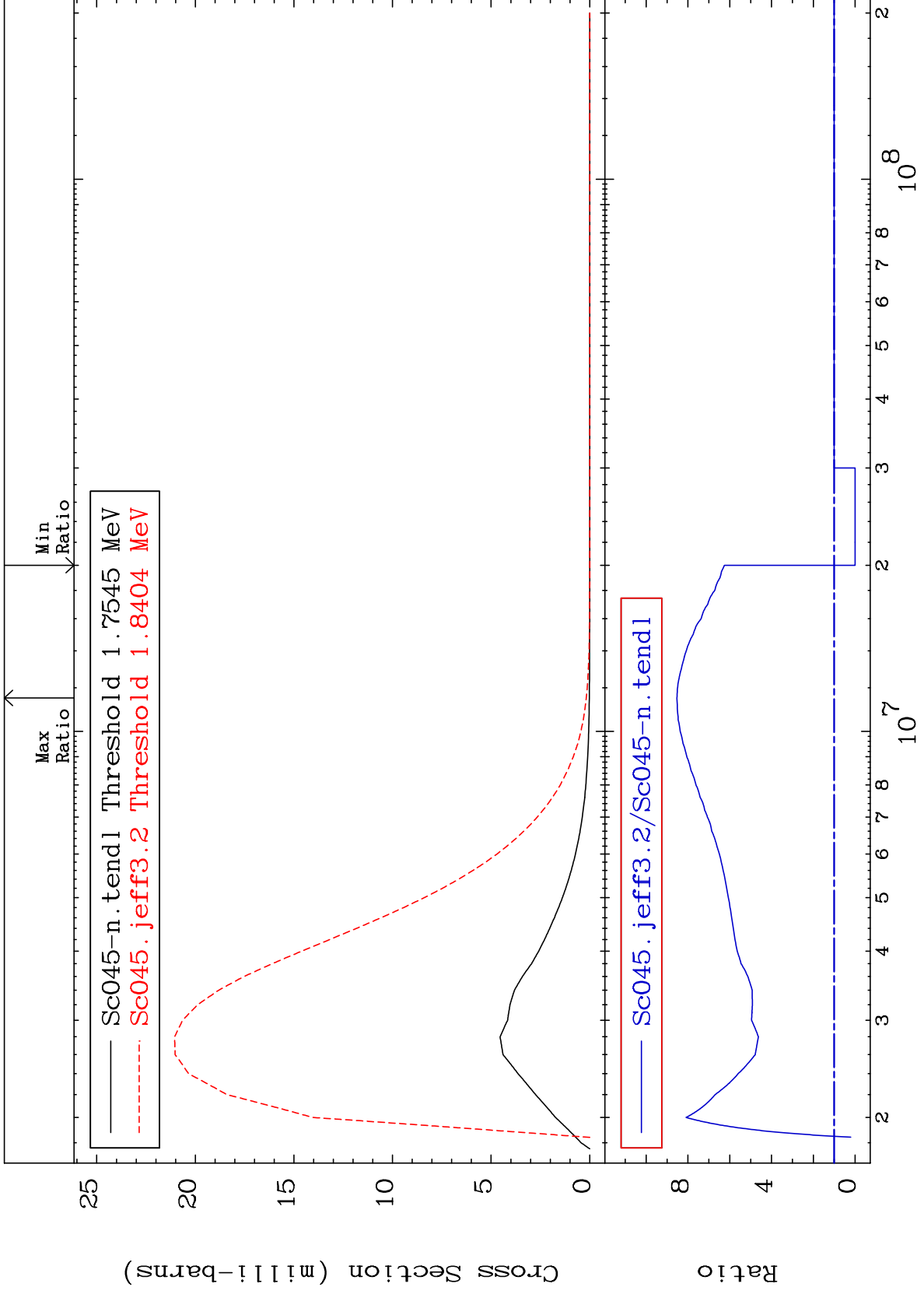
Incident Energy (eV)

21-Sc-45

MAT 2125

1.716 MeV (n,n') Level
Cross Section

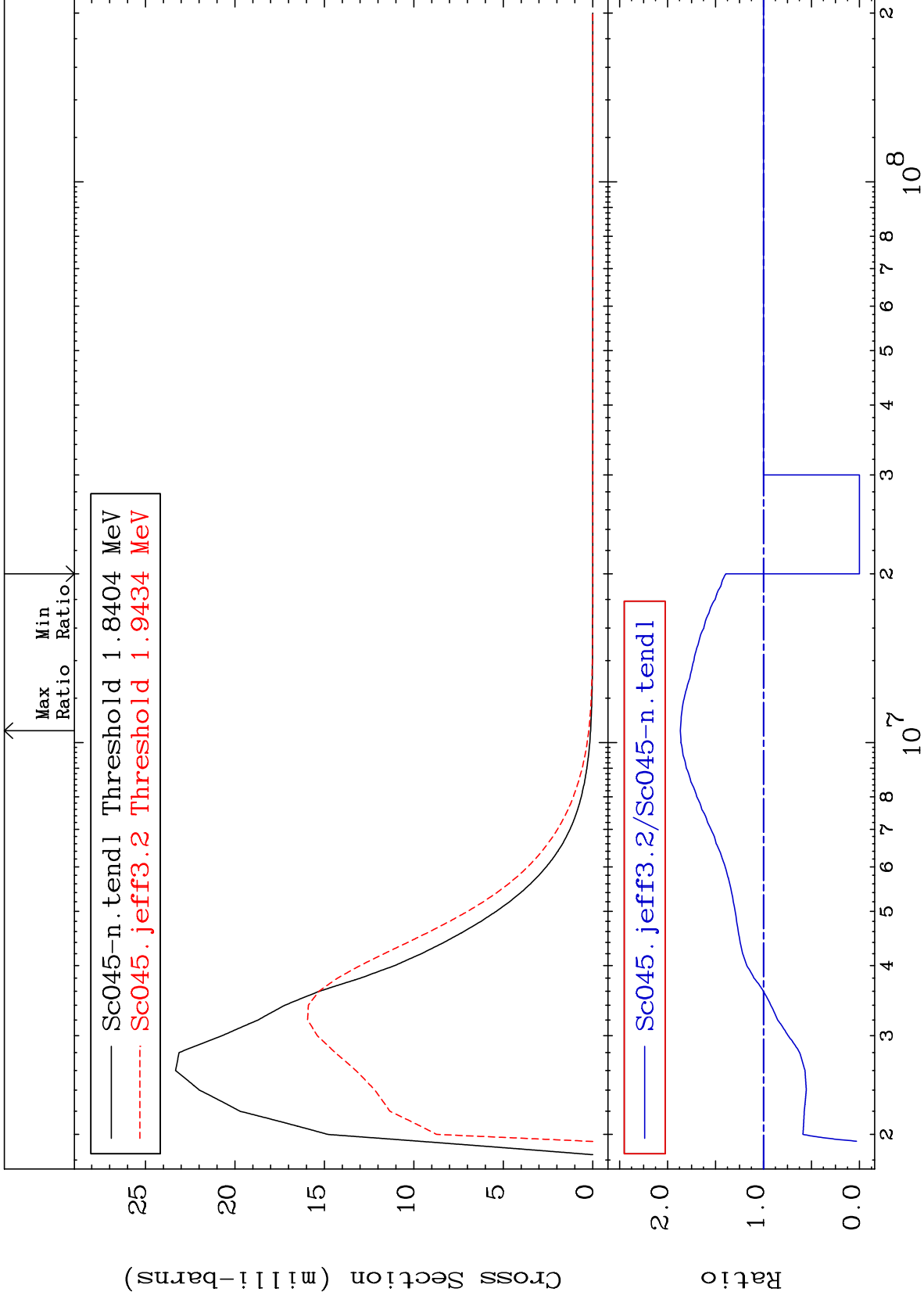
21-Sc-45
-100.0 To 752.9 %



MAT 2125

1.800 MeV (n,n') Level
Cross Section

21-Sc-45
-100.0 To 86.67 %



27

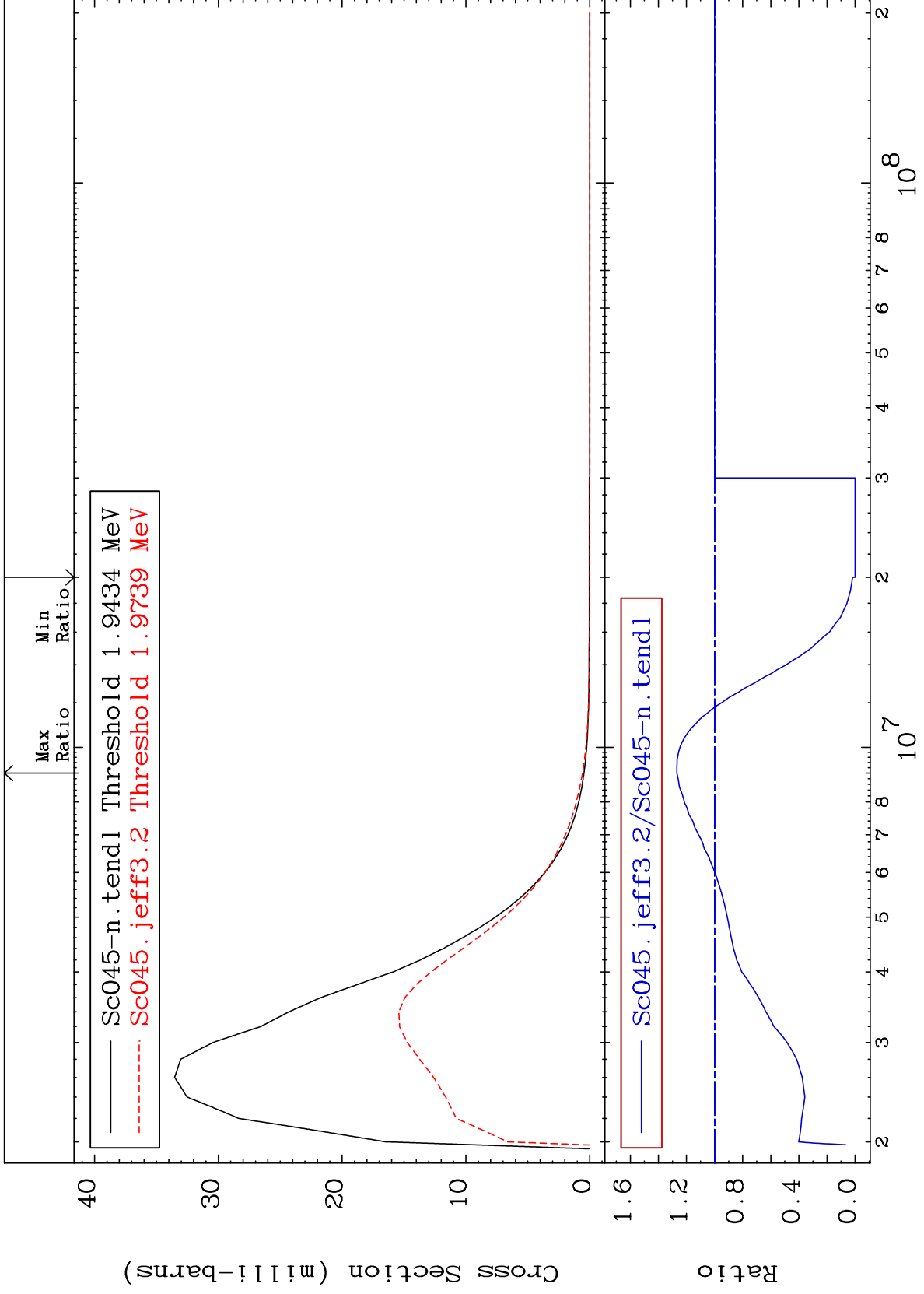
Incident Energy (eV)

21-Sc-45

MAT 2125

1.901 MeV (n,n') Level
Cross Section

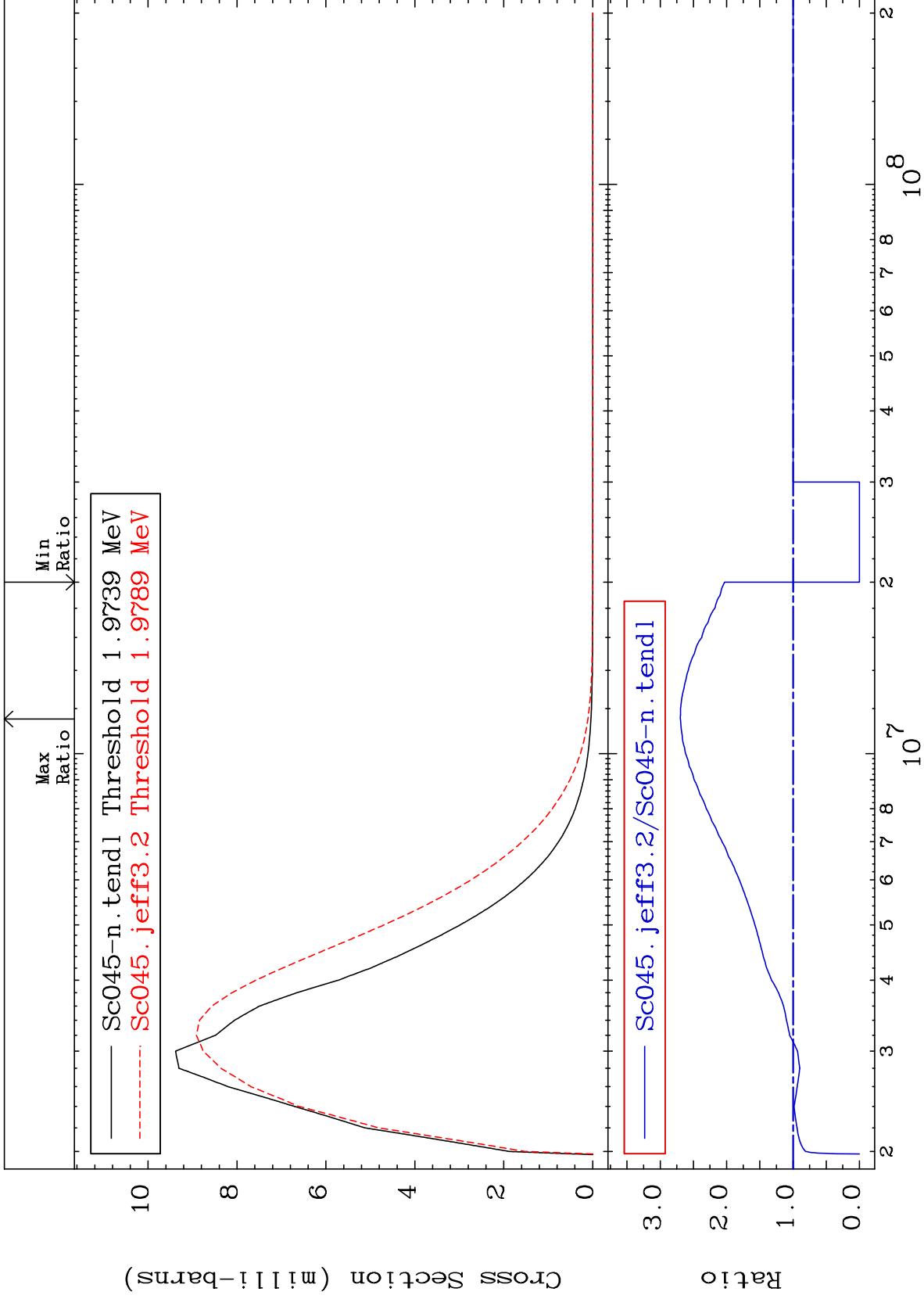
21-Sc-45
-100.0 To 26.82 %



MAT 2125

1.931 MeV (n,n') Level
Cross Section

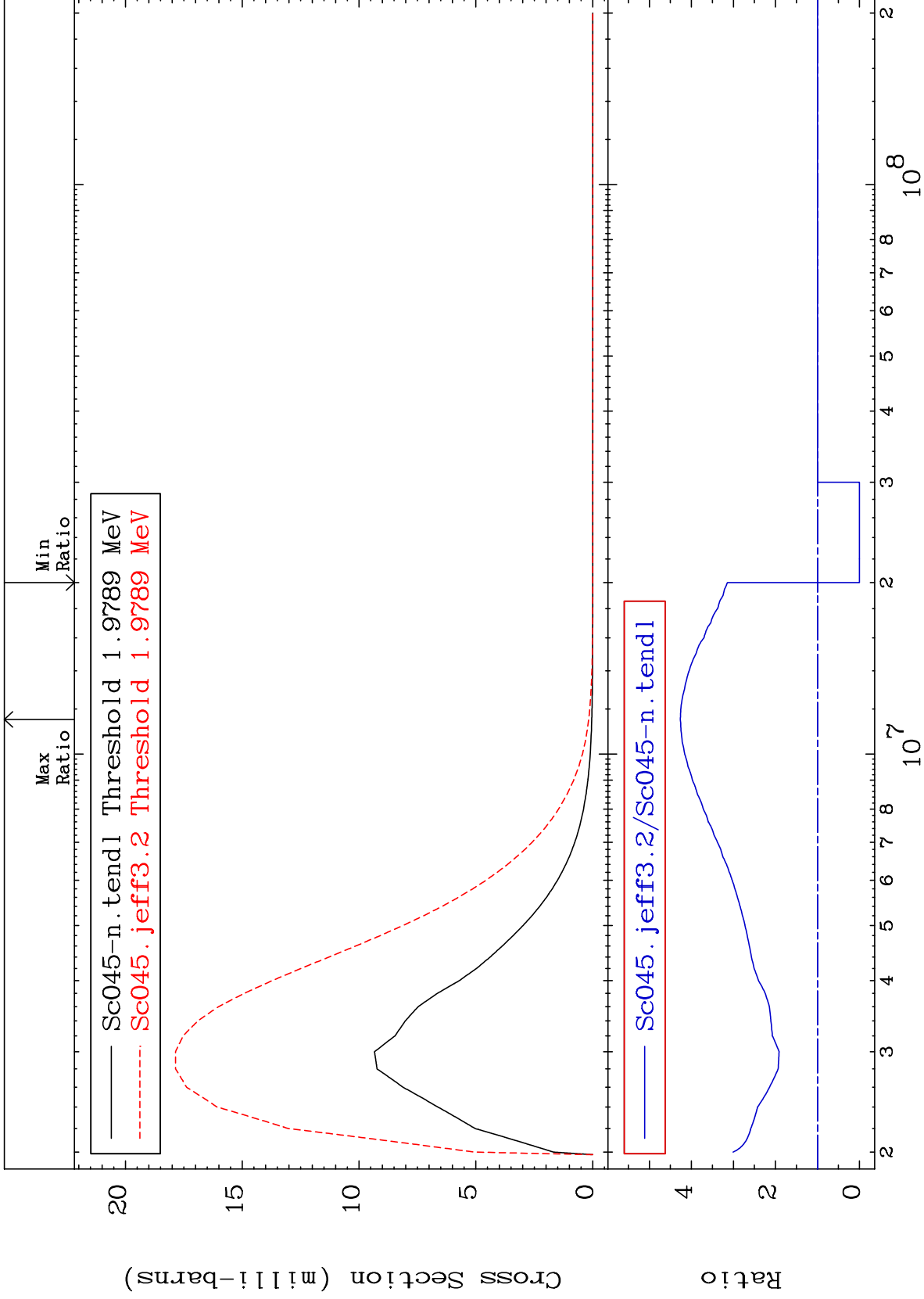
21-Sc-45
-100.0 To 169.7 %



MAT 2125

1.936 MeV (n,n') Level
Cross Section

21-Sc-45
-100.0 To 326.2 %



30

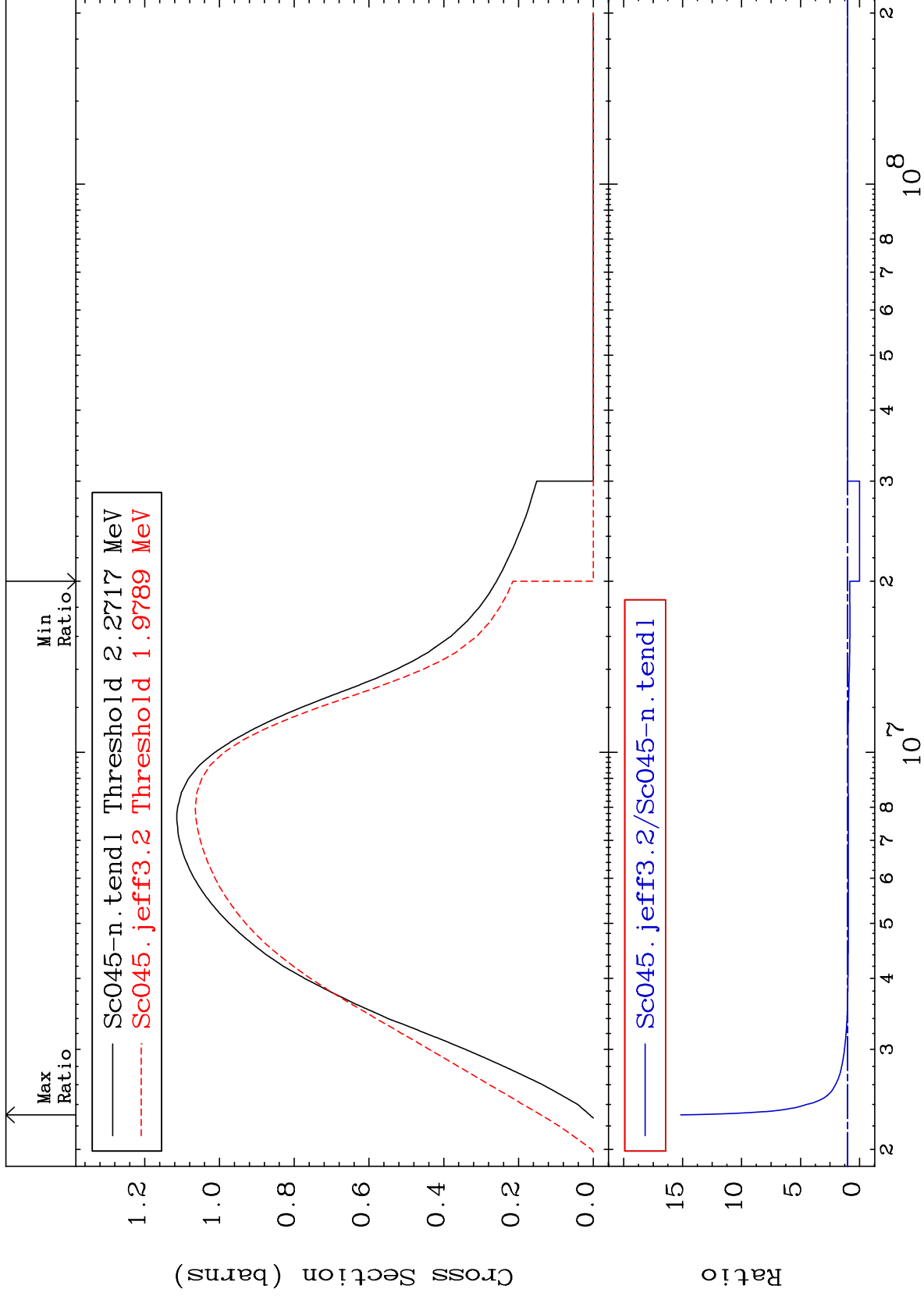
Incident Energy (eV)

21-Sc-45

MAT 2125

(n, n') Continuum
Cross Section

²¹Sc-45
-100.0 To 1416. %

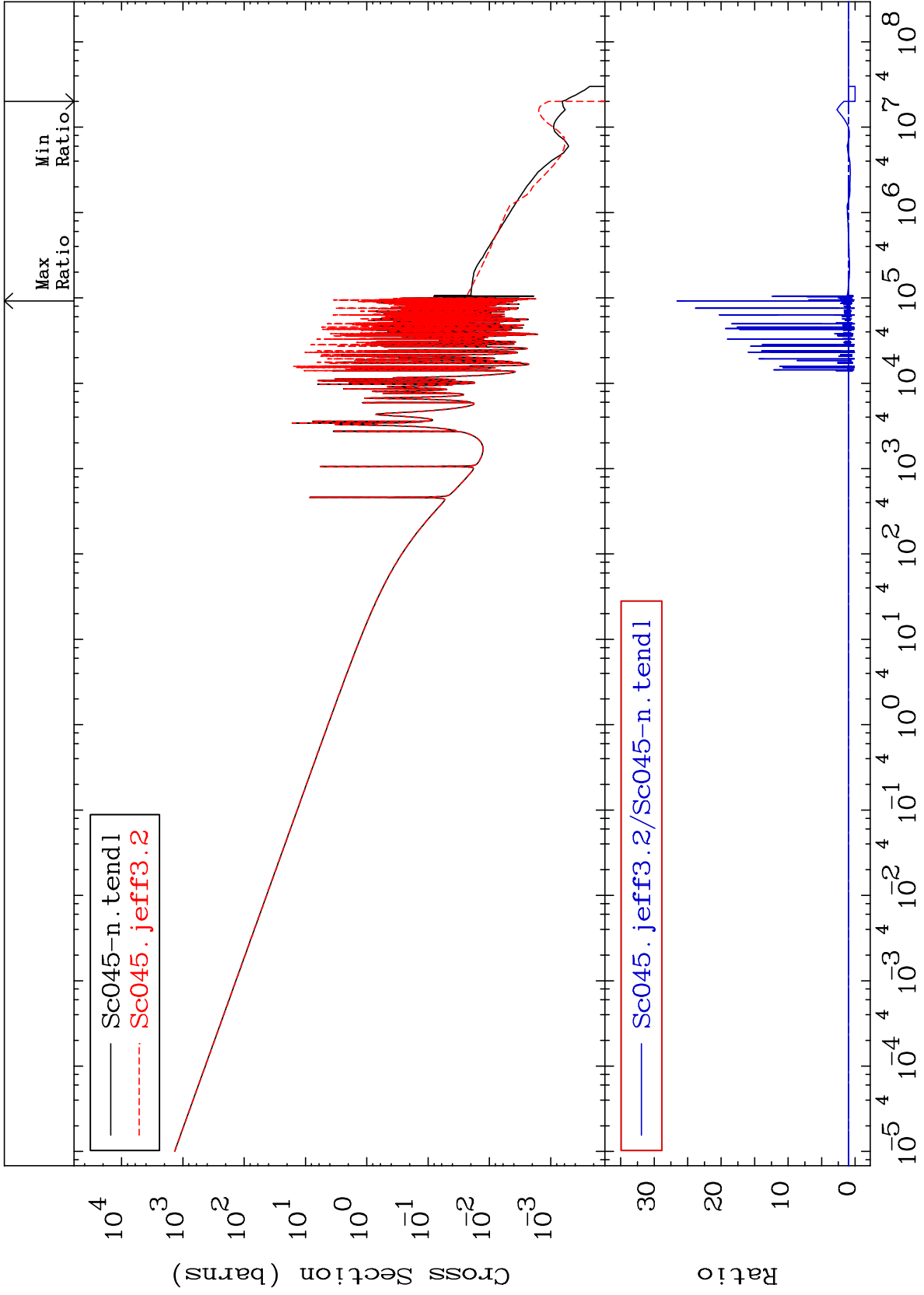


MAT 2125

(n, γ)
Cross Section

21-Sc-45

-100.0 To 2561. %



32

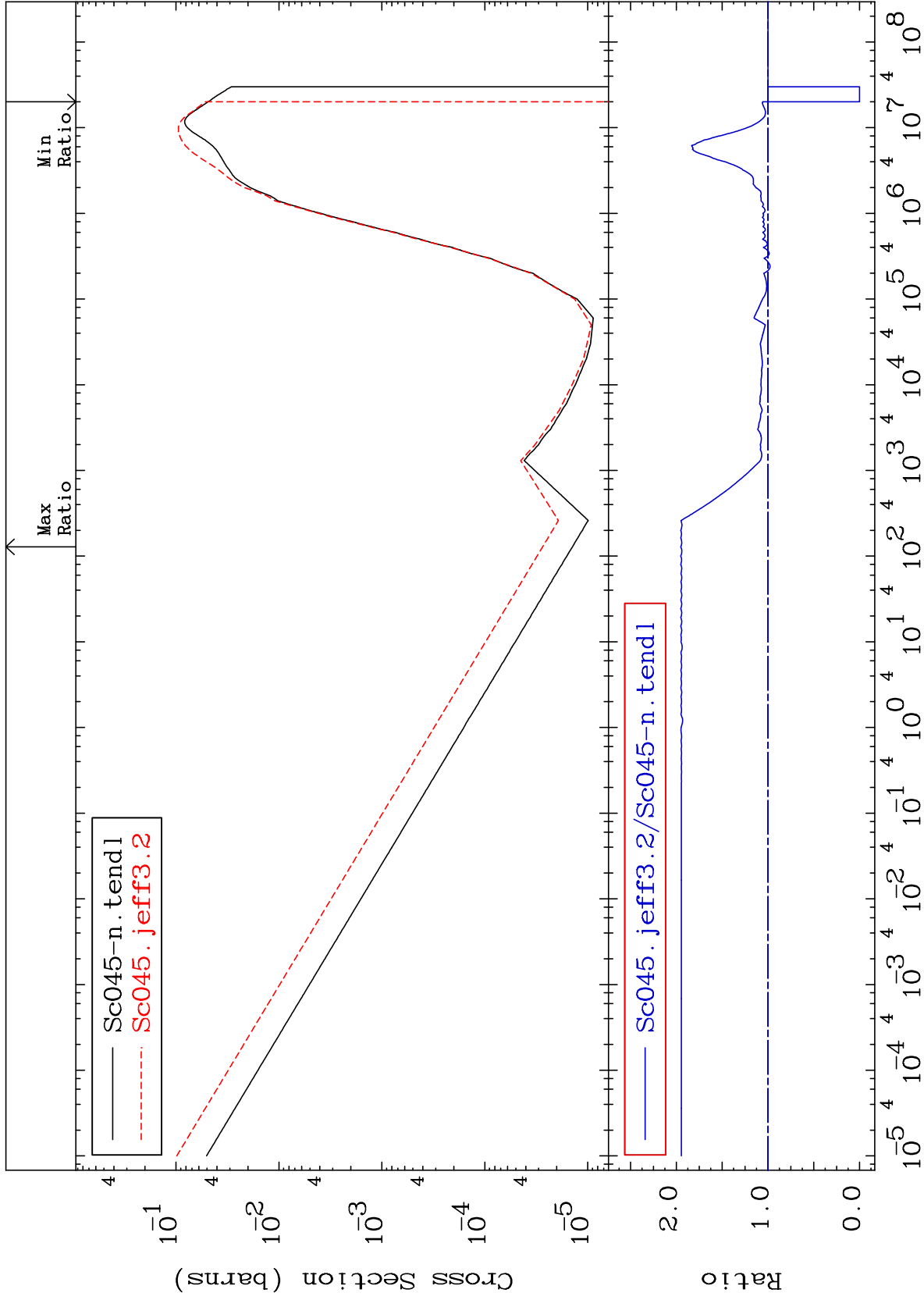
21-Sc-45

MAT 2125

21-Sc-45

-100.0 To 95.13 %

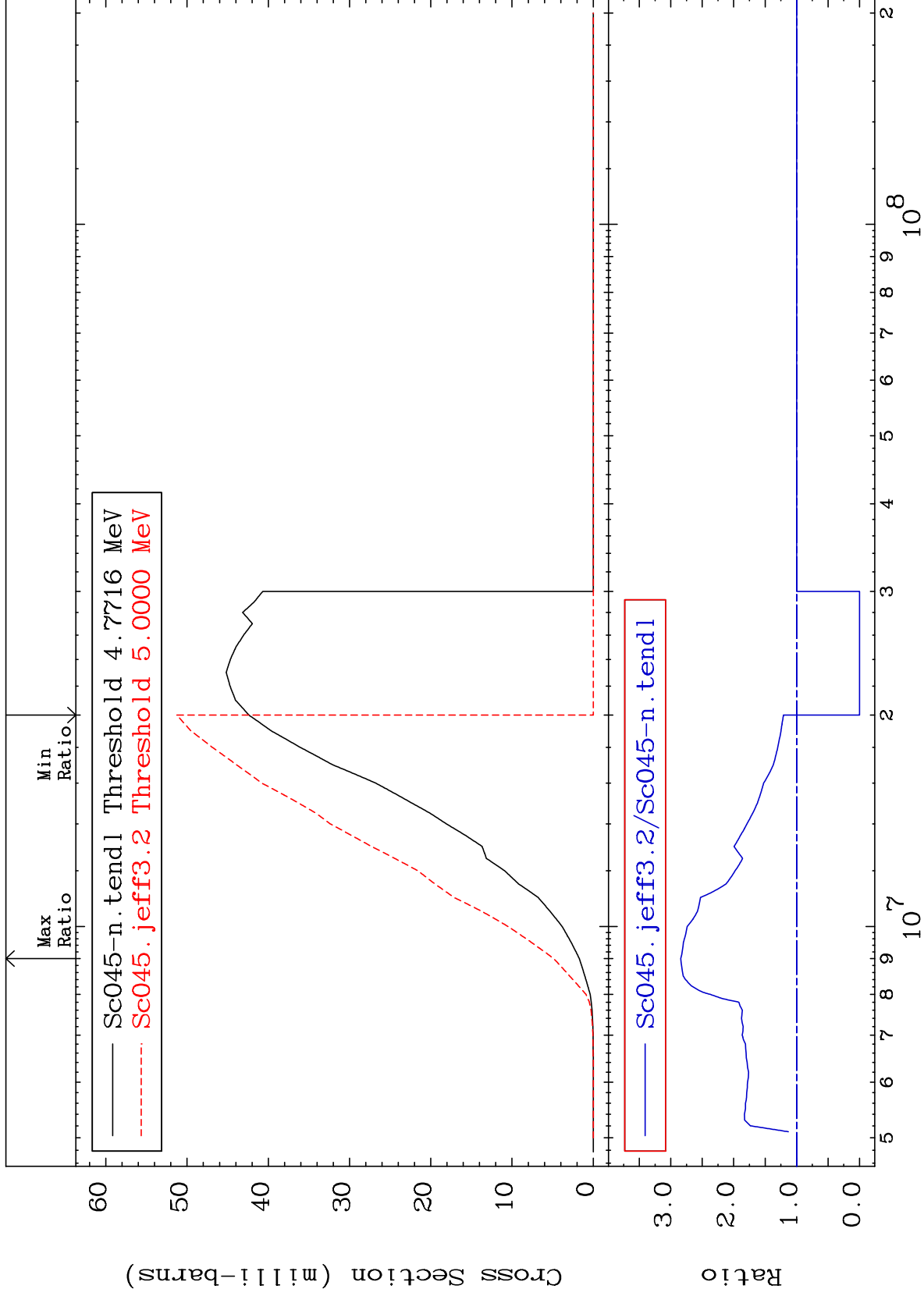
(n,p)
Cross Section



MAT 2125

(n, d)
Cross Section

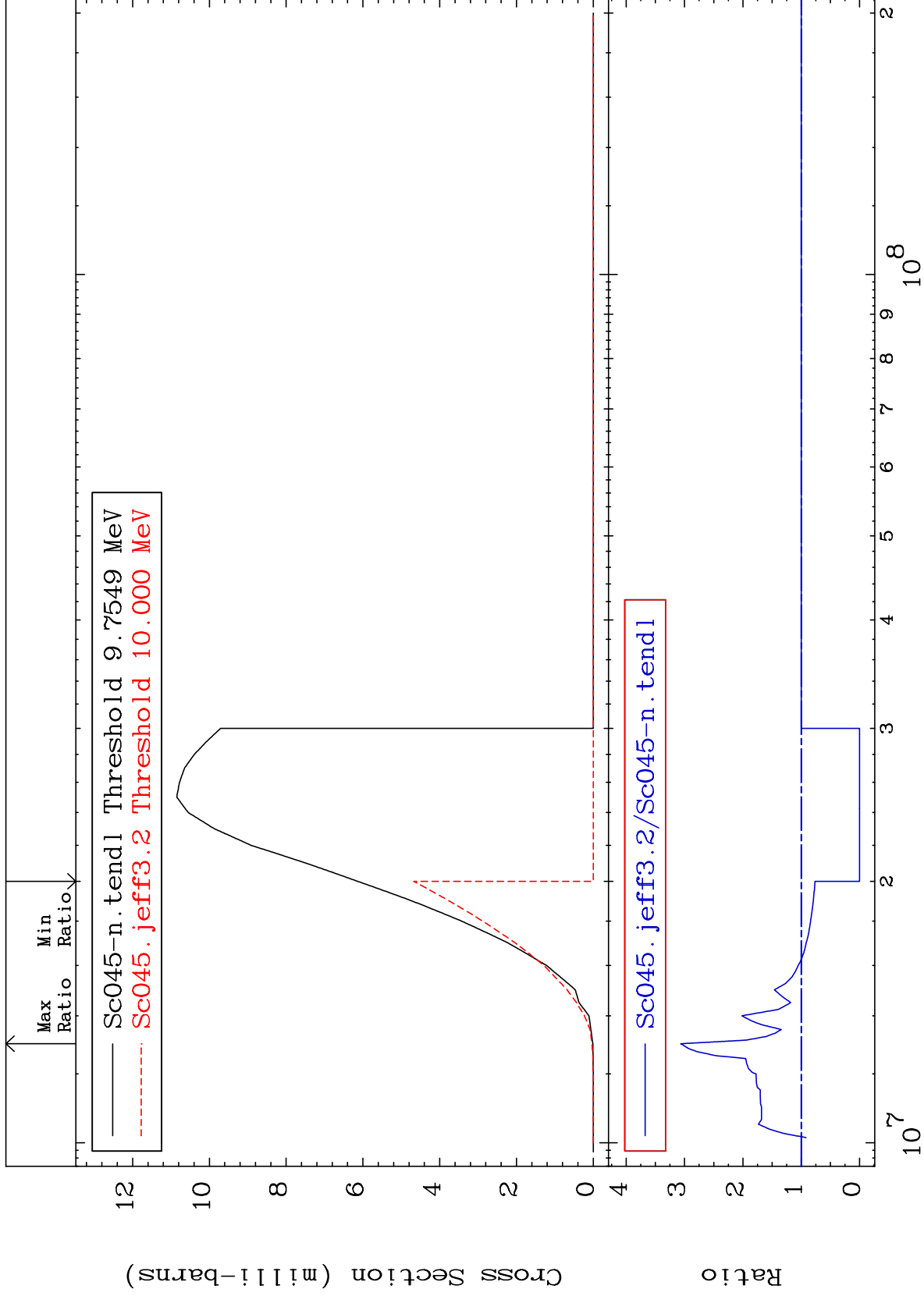
21-Sc-45
-100.0 To 184.1 %



MAT 2125

(n, t)
Cross Section

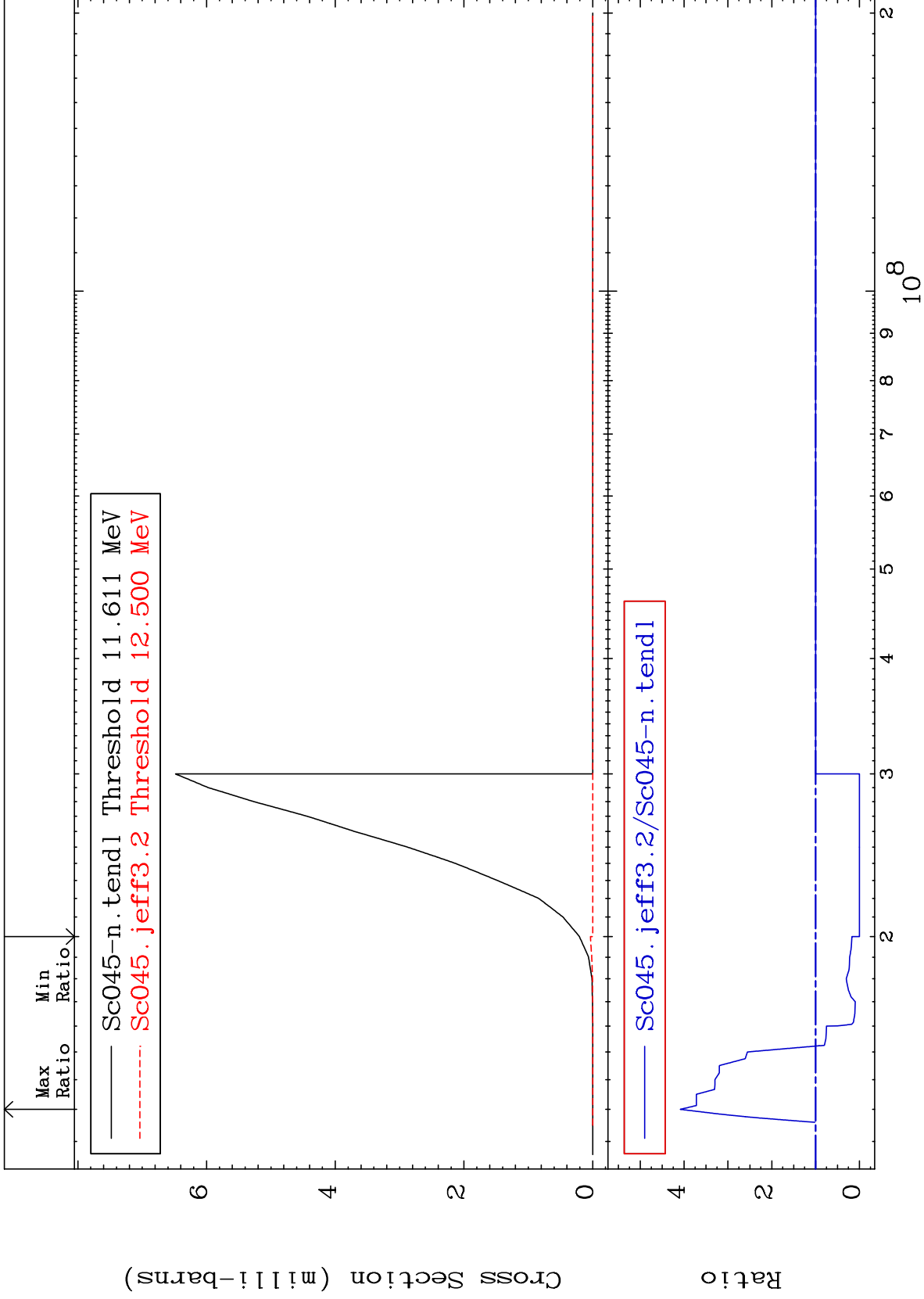
21-Sc-45
-100.0 To 206.5 %



35

Incident Energy (eV)

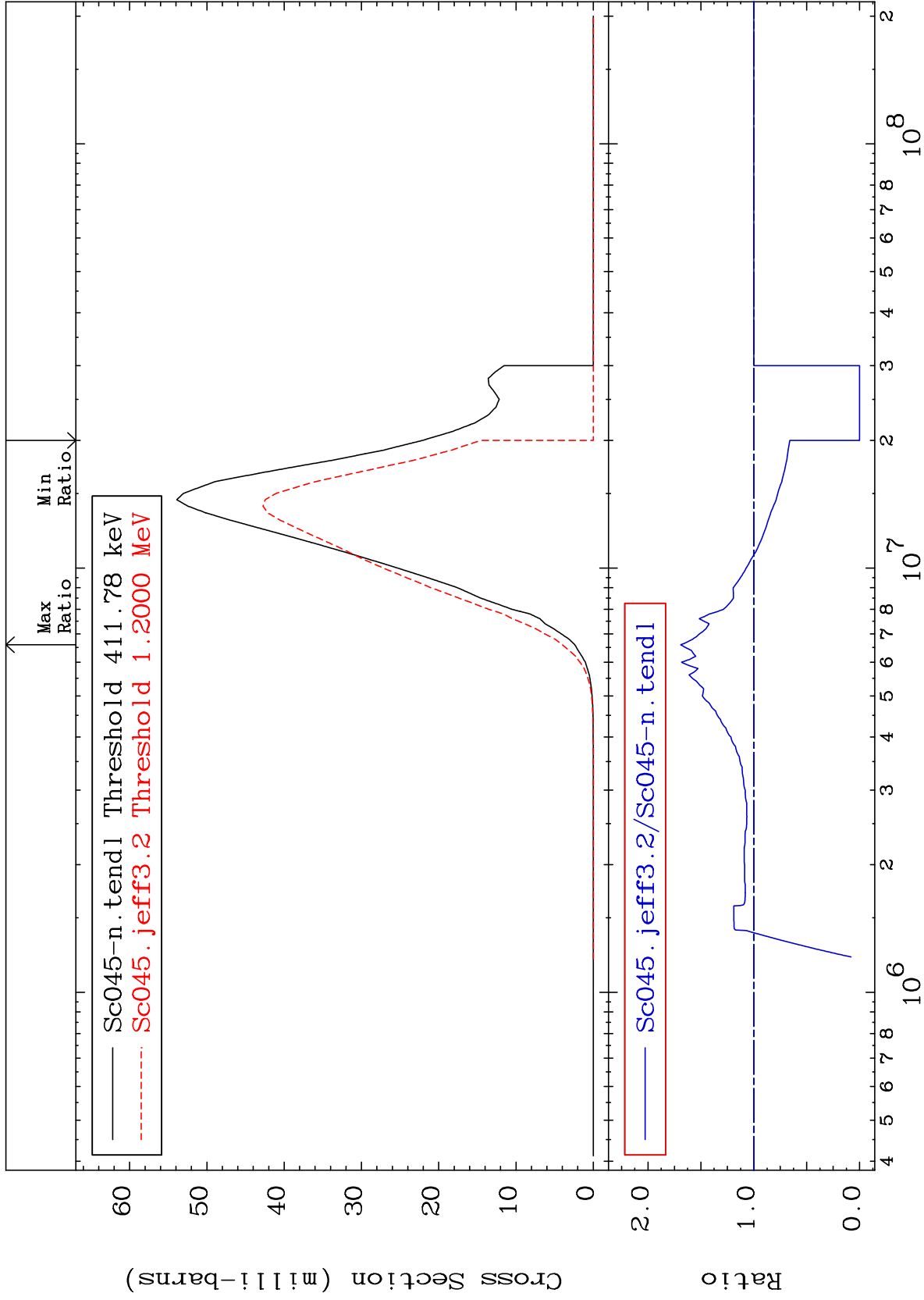
21-Sc-45



MAT 2125

21-Sc-45

(n, α)
Cross Section
-100.0 To 69.05 %



37

Incident Energy (eV)

21-Sc-45

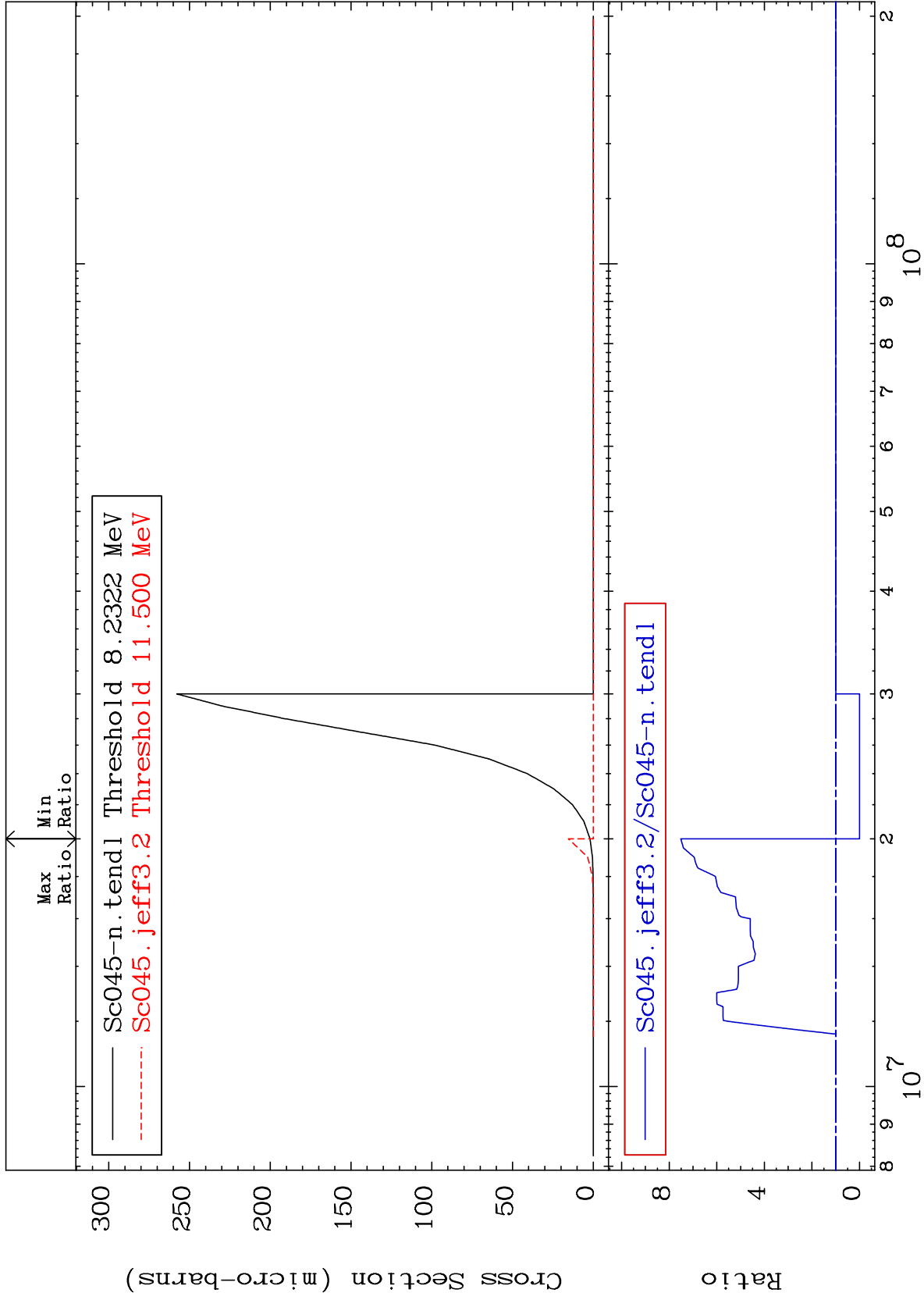
MAT 2125

(n,2α)

21-Sc-45

Cross Section

-100.0 To 651.5 %



38

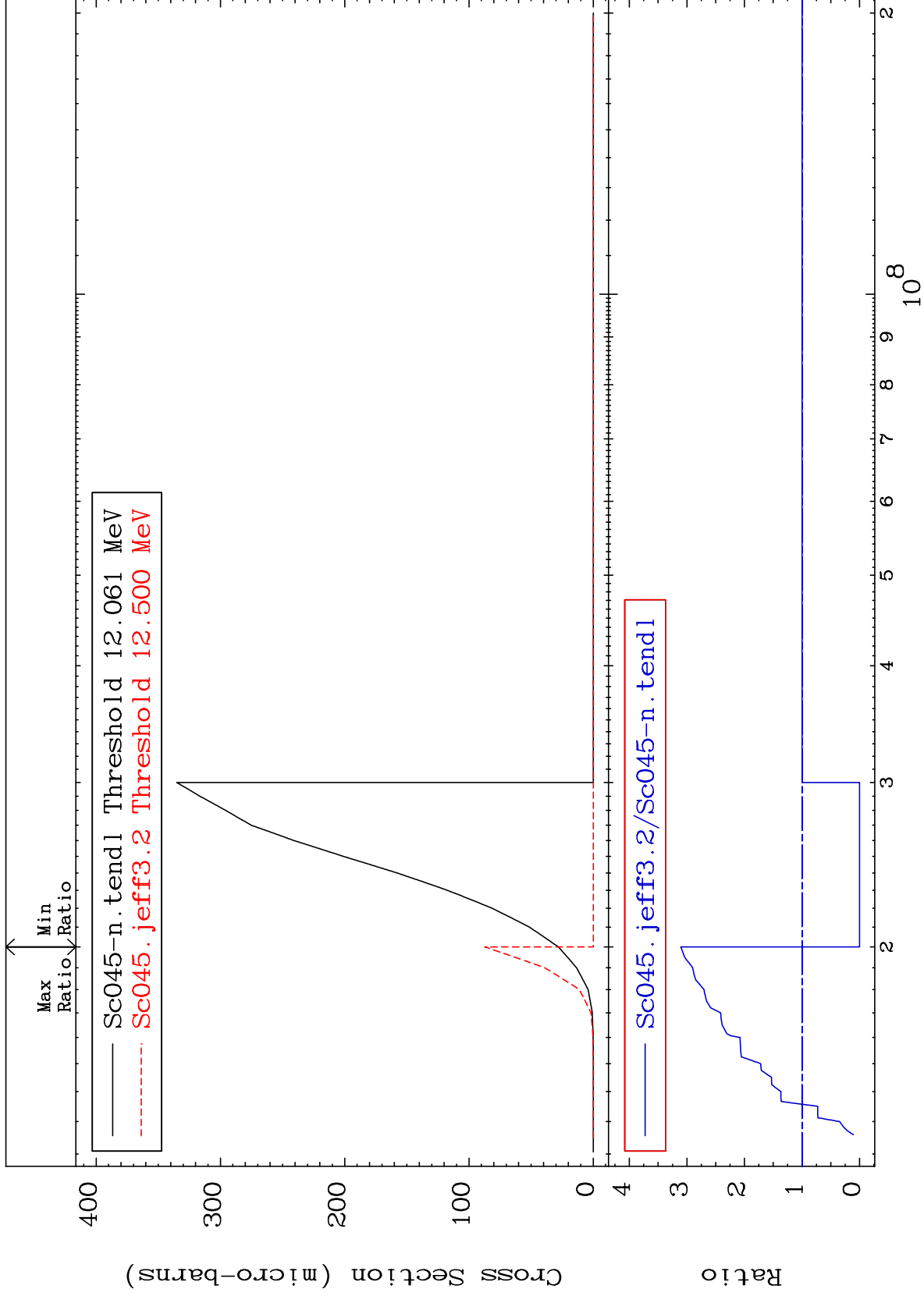
Incident Energy (eV)

21-Sc-45

MAT 2125

(n,2p)
Cross Section

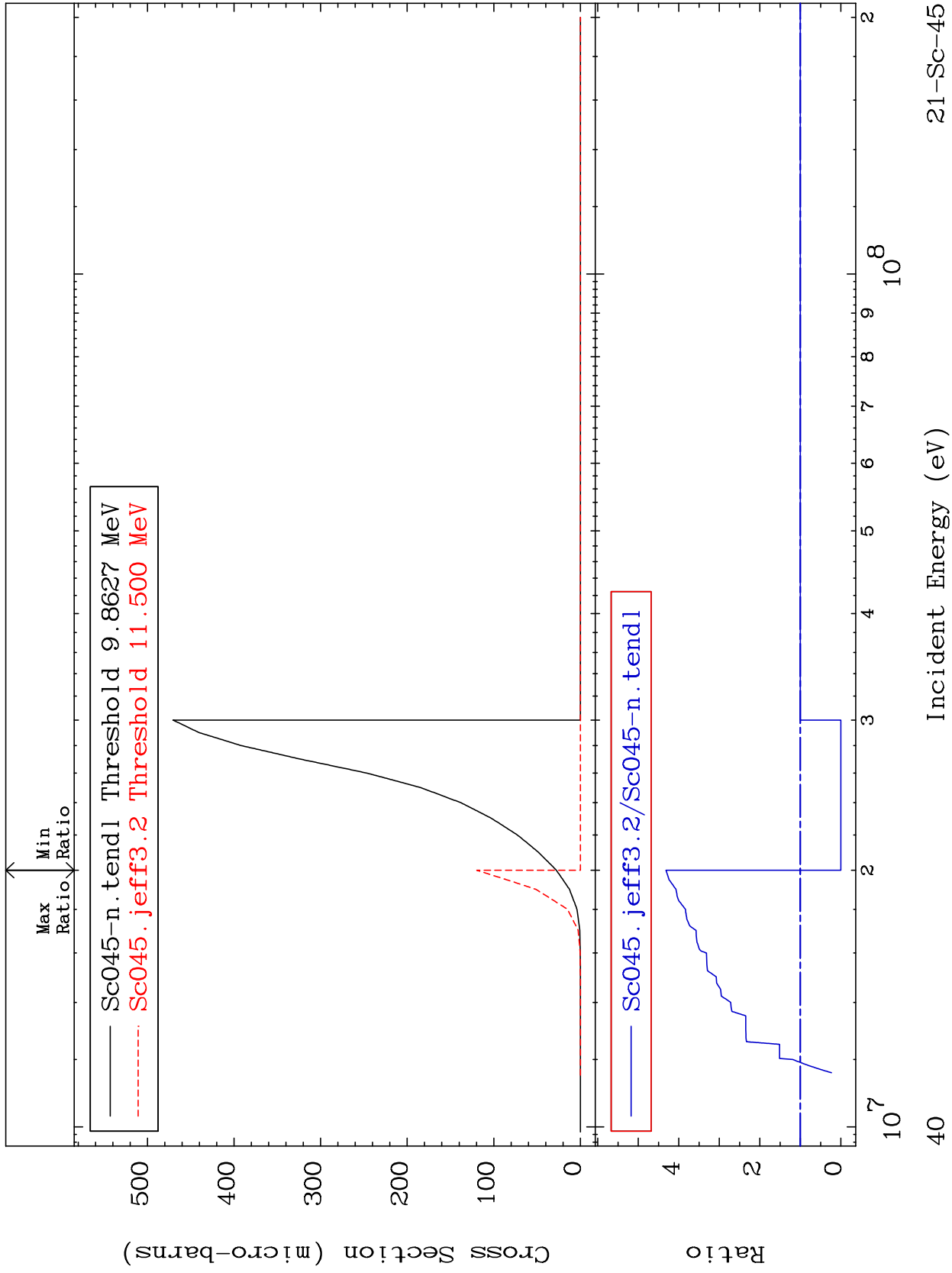
21-Sc-45
-100.0 To 210.7 %



MAT 2125

(n,p) α
Cross Section

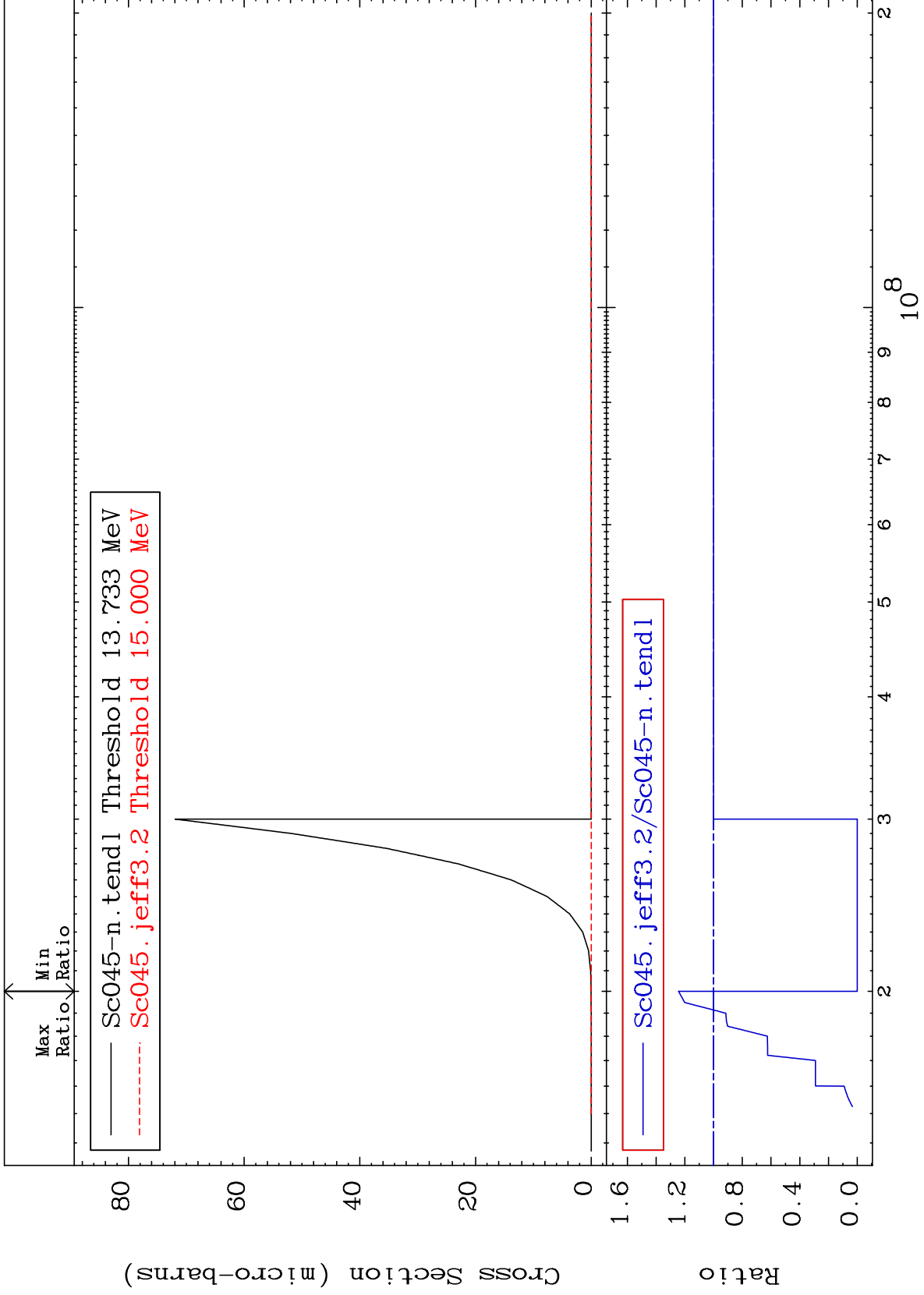
21-Sc-45
-100.0 To 331.6 %

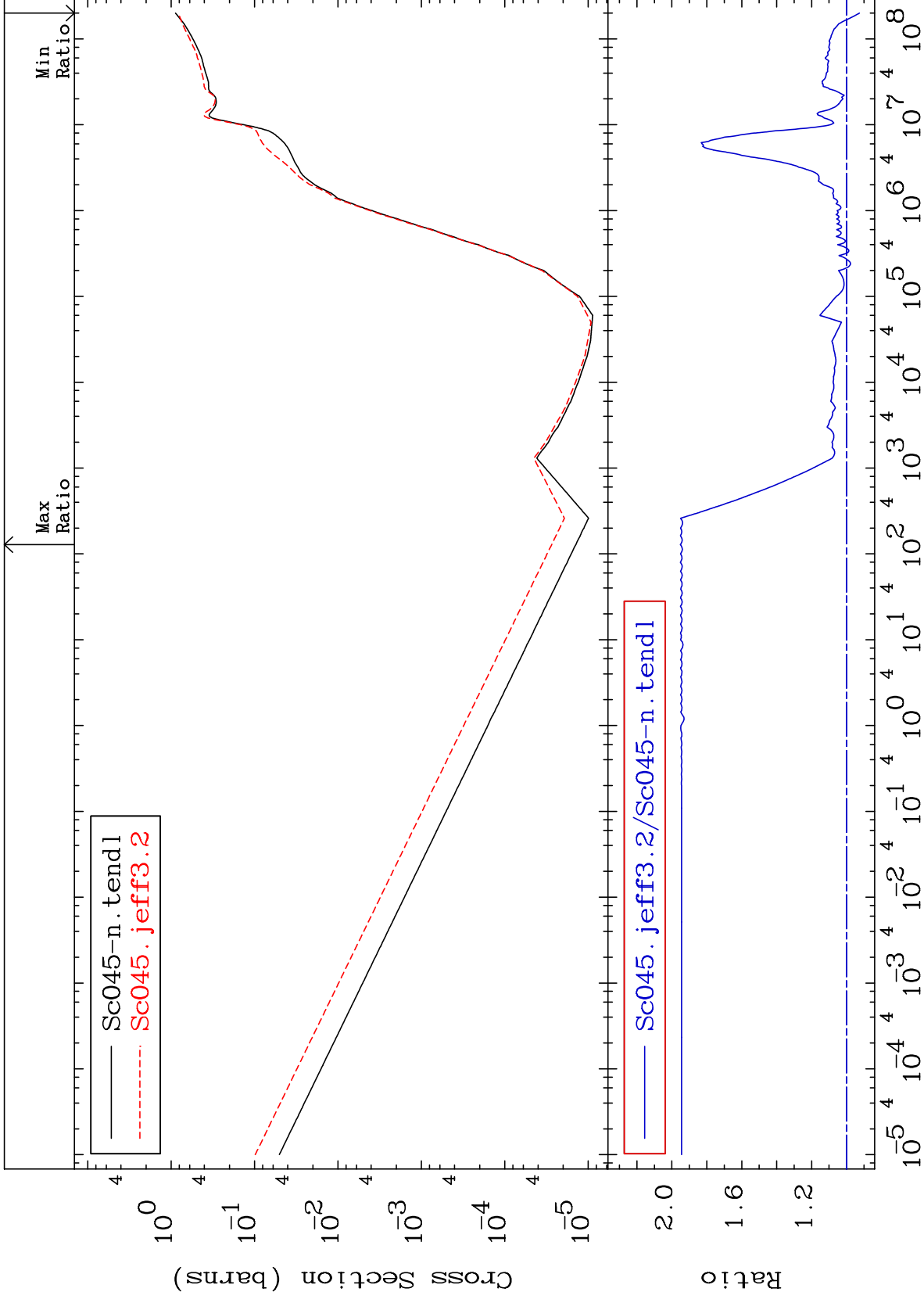


MAT 2125

(n, d) α
Cross Section

21-Sc-45
-100.0 To 24.30 %

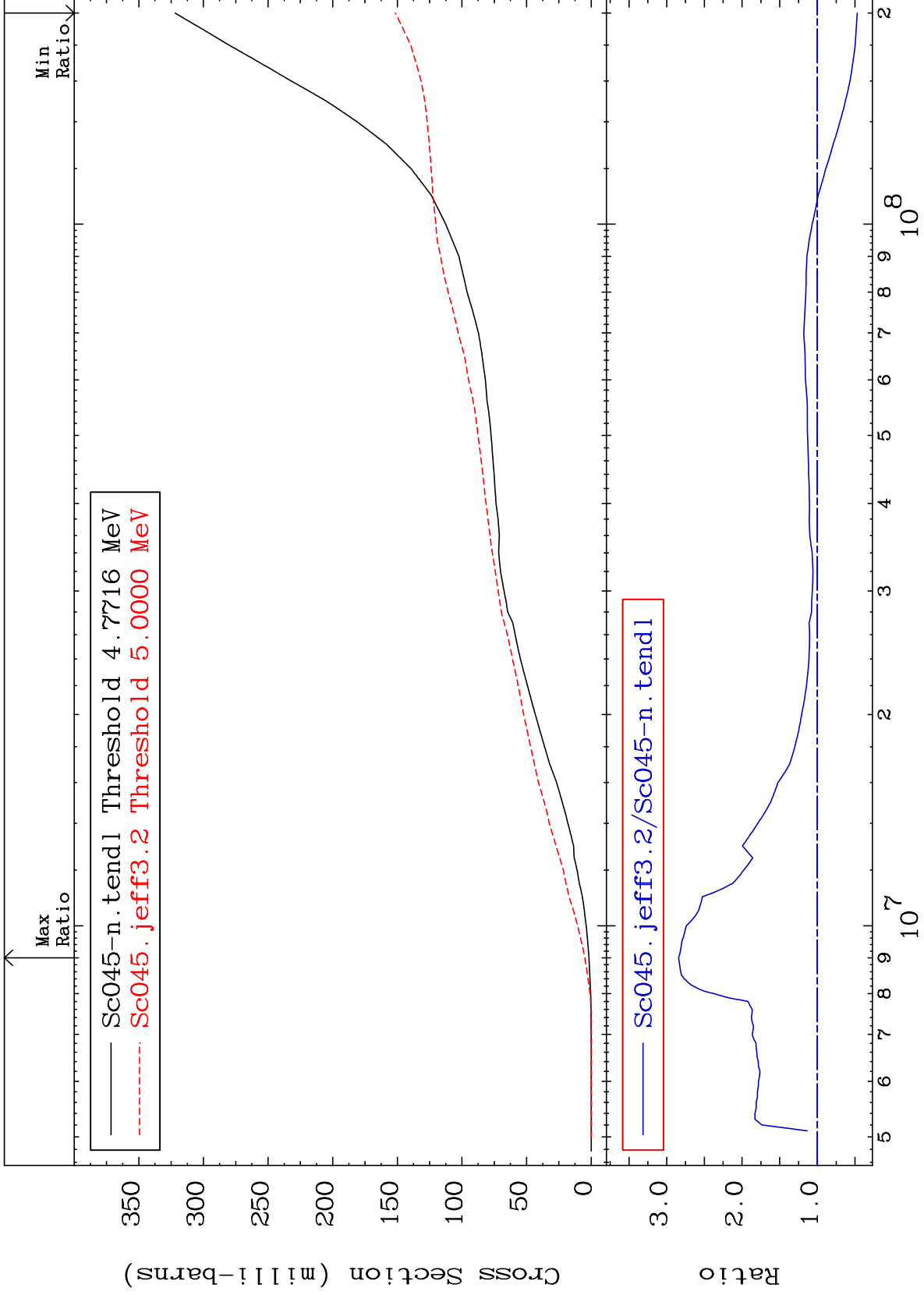




MAT 2125

Deuterium Production
Cross Section

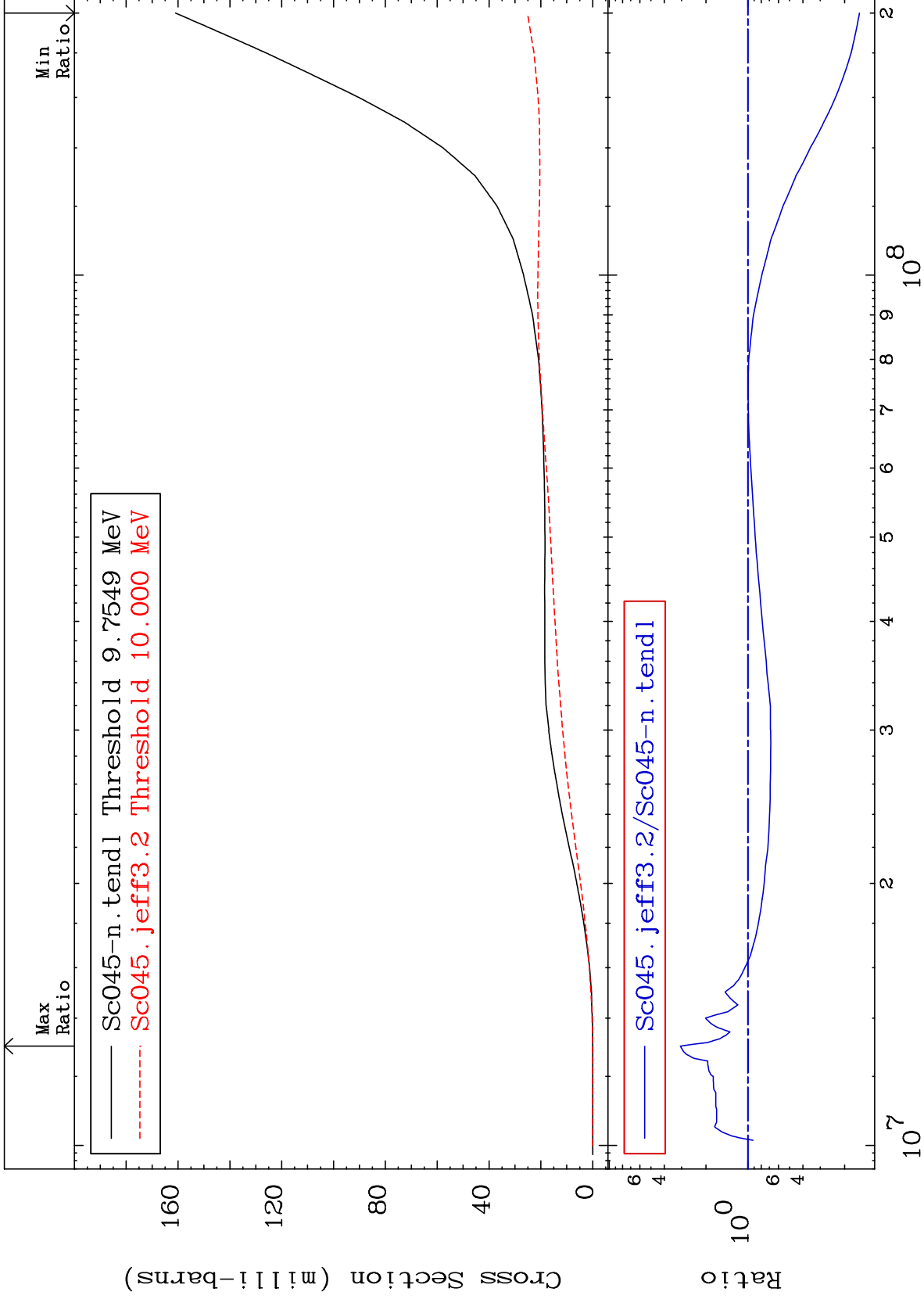
21-Sc-45
-52.95 To 184.1 %



MAT 2125

Tritium Production
Cross Section

21-Sc-45
-84.35 To 206.5 %



44

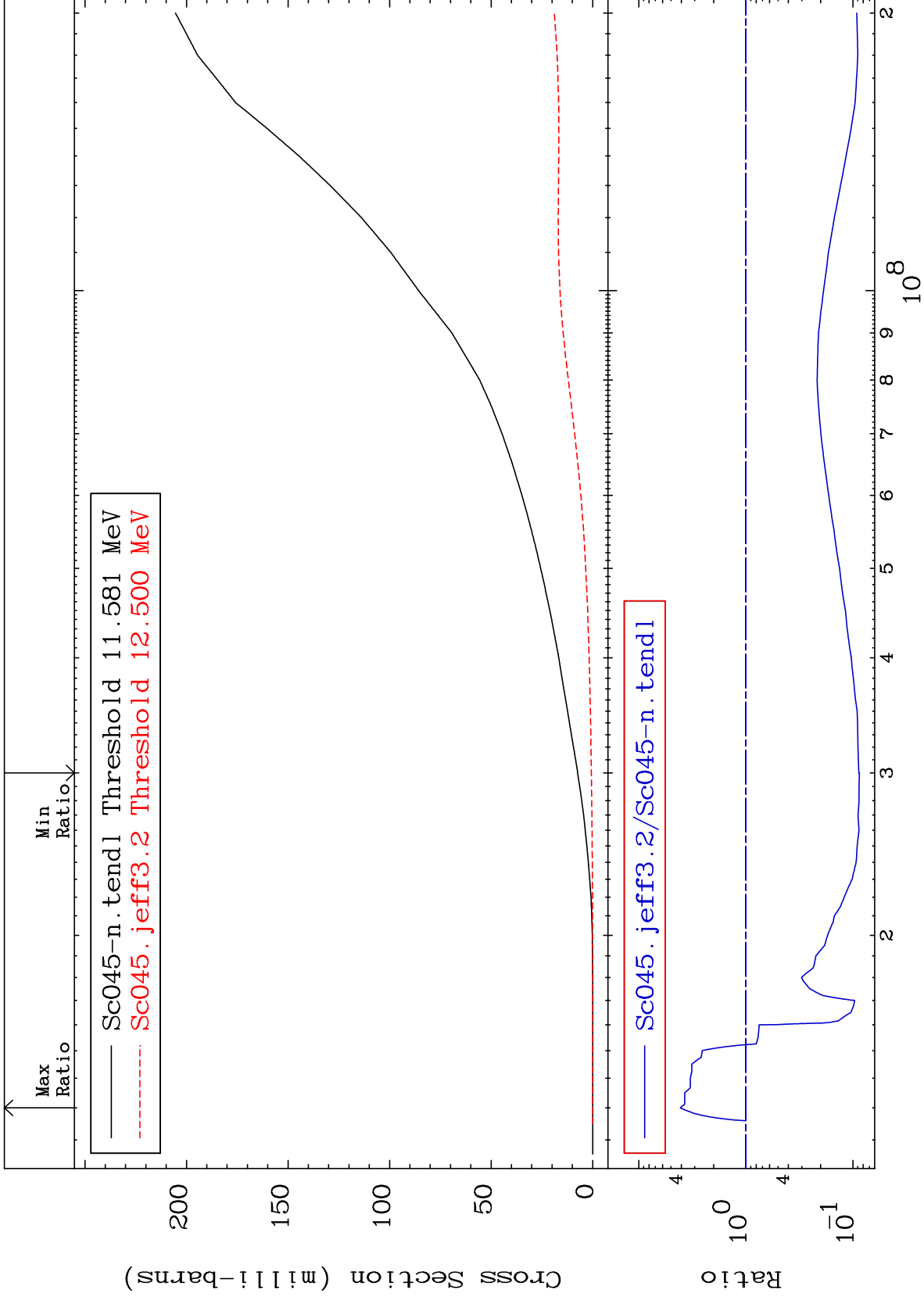
Incident Energy (eV)

21-Sc-45

MAT 2125

He-3 Production
Cross Section

21-Sc-45
-91.31 To 308.6 %



45

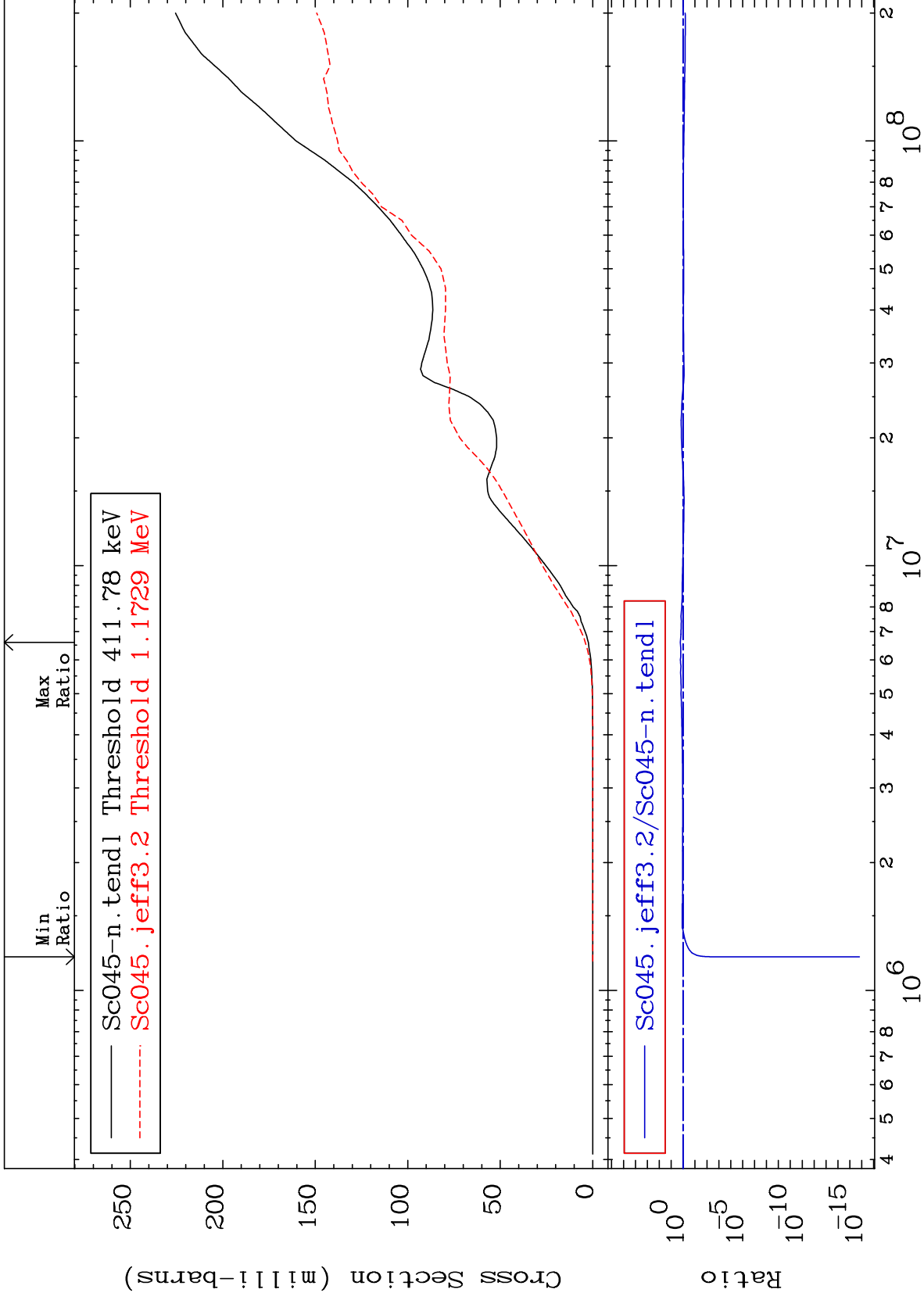
Incident Energy (eV)

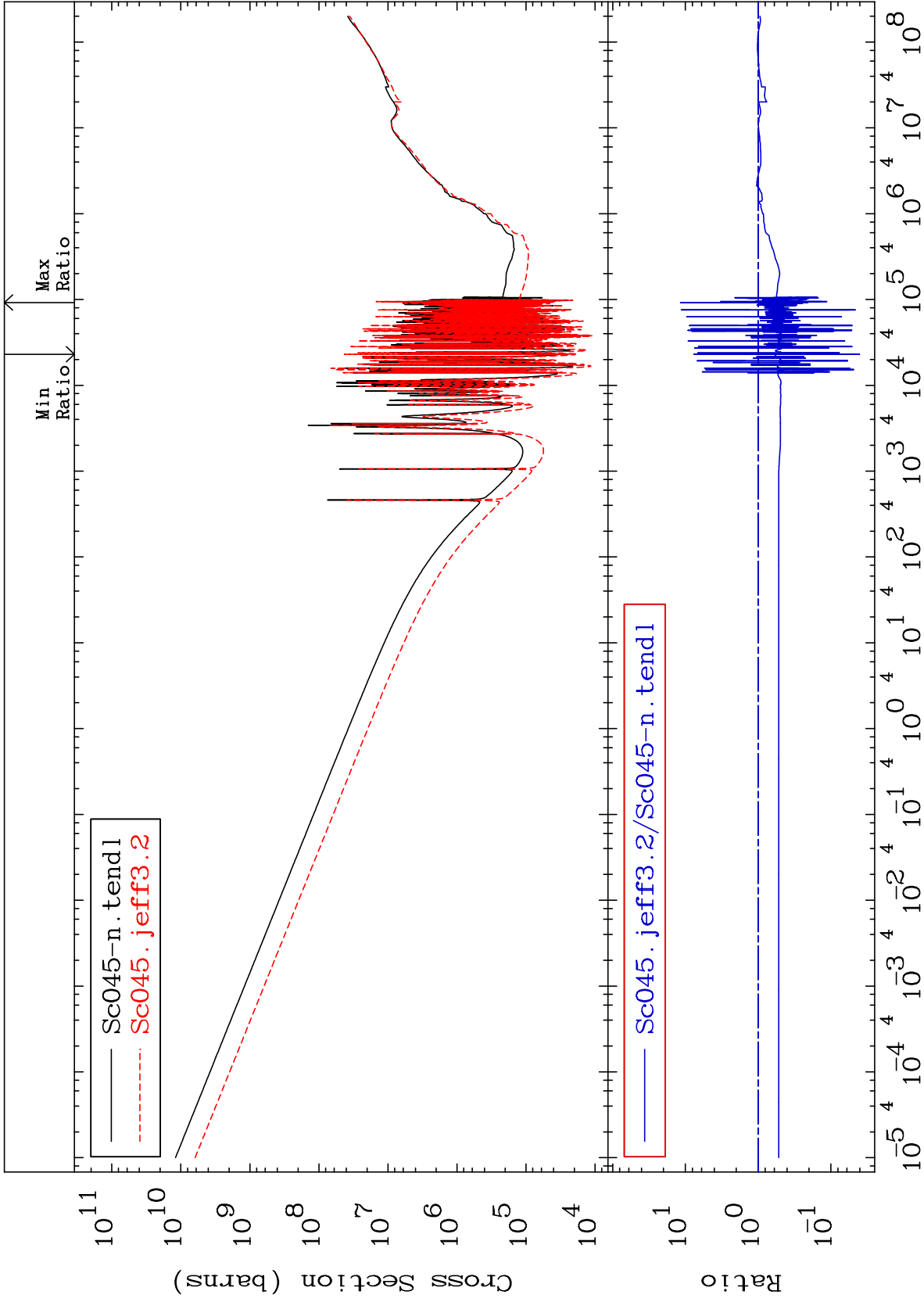
21-Sc-45

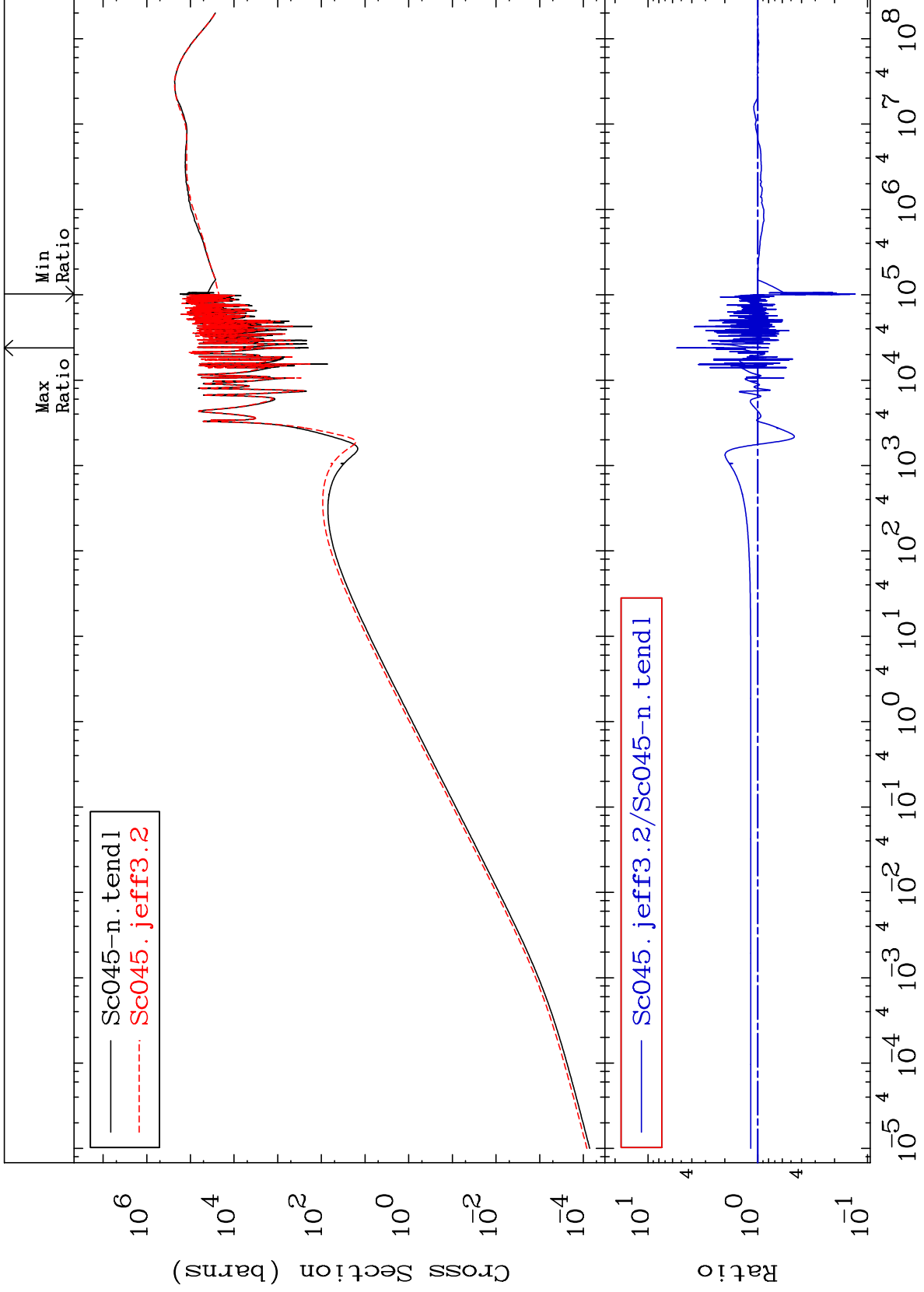
MAT 2125

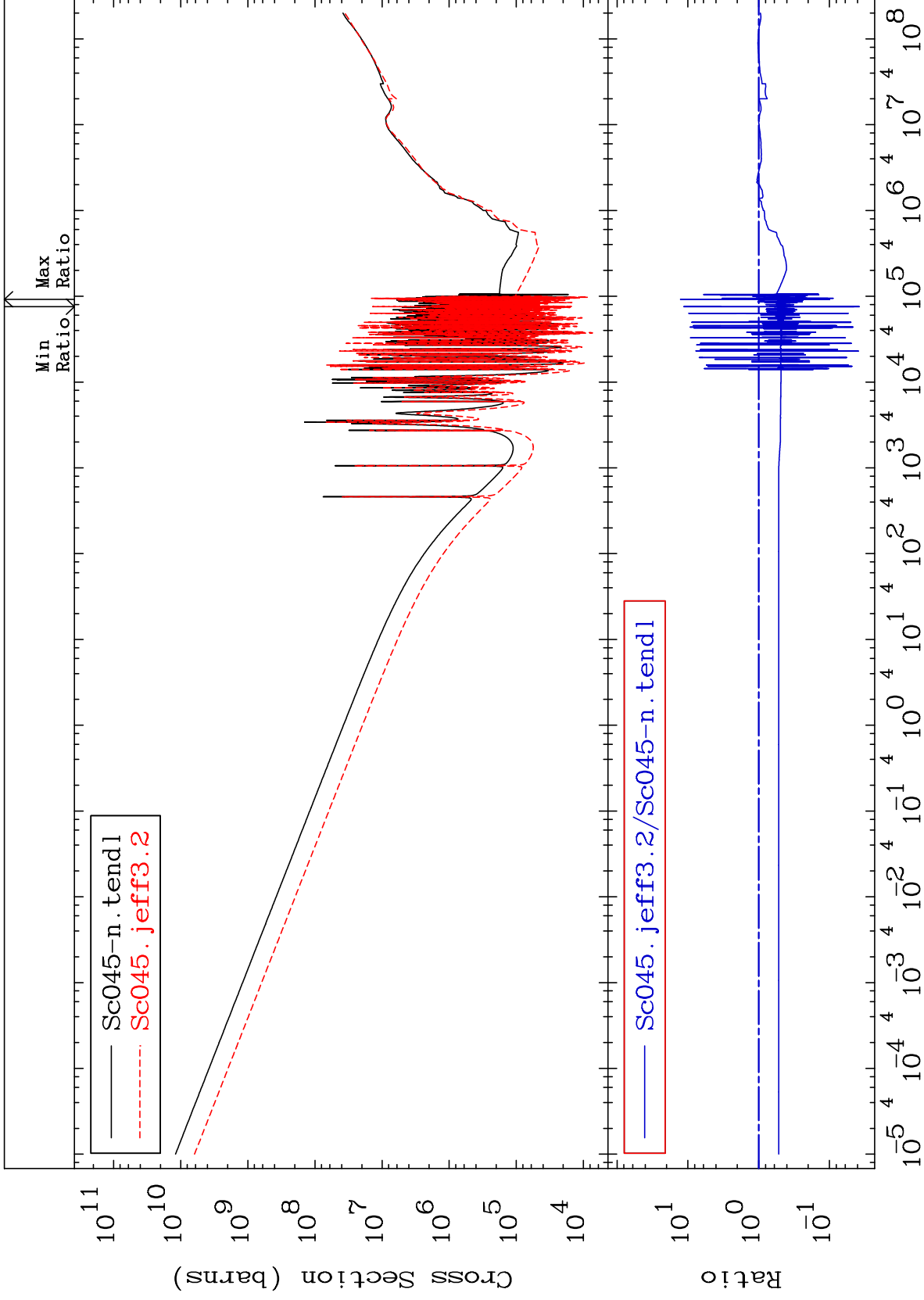
He-4 Production
Cross Section

21-Sc-45
-100.0 To 69.05 %





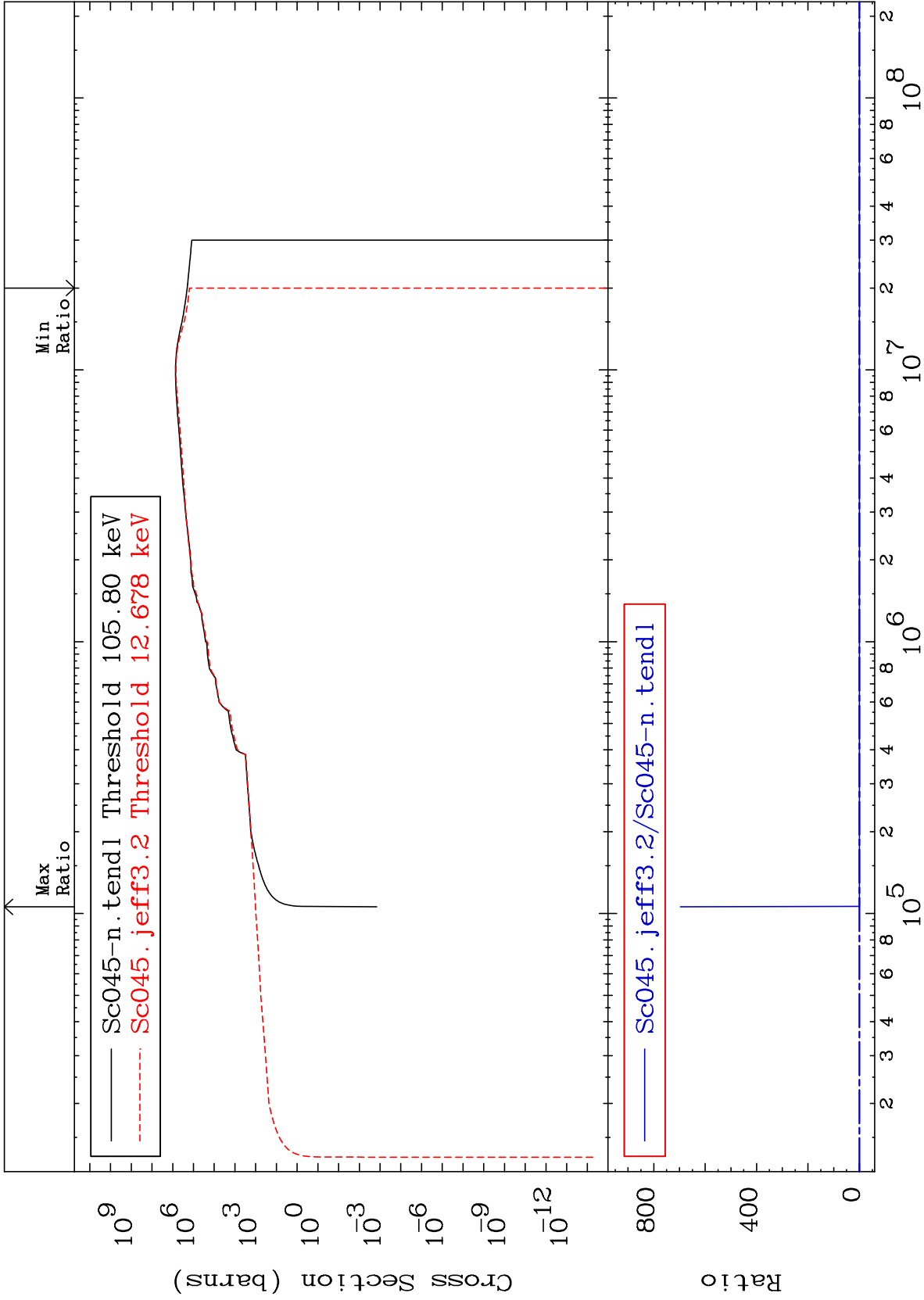




MAT 2125

Kerma inelastic (mt51-91)
Cross Section

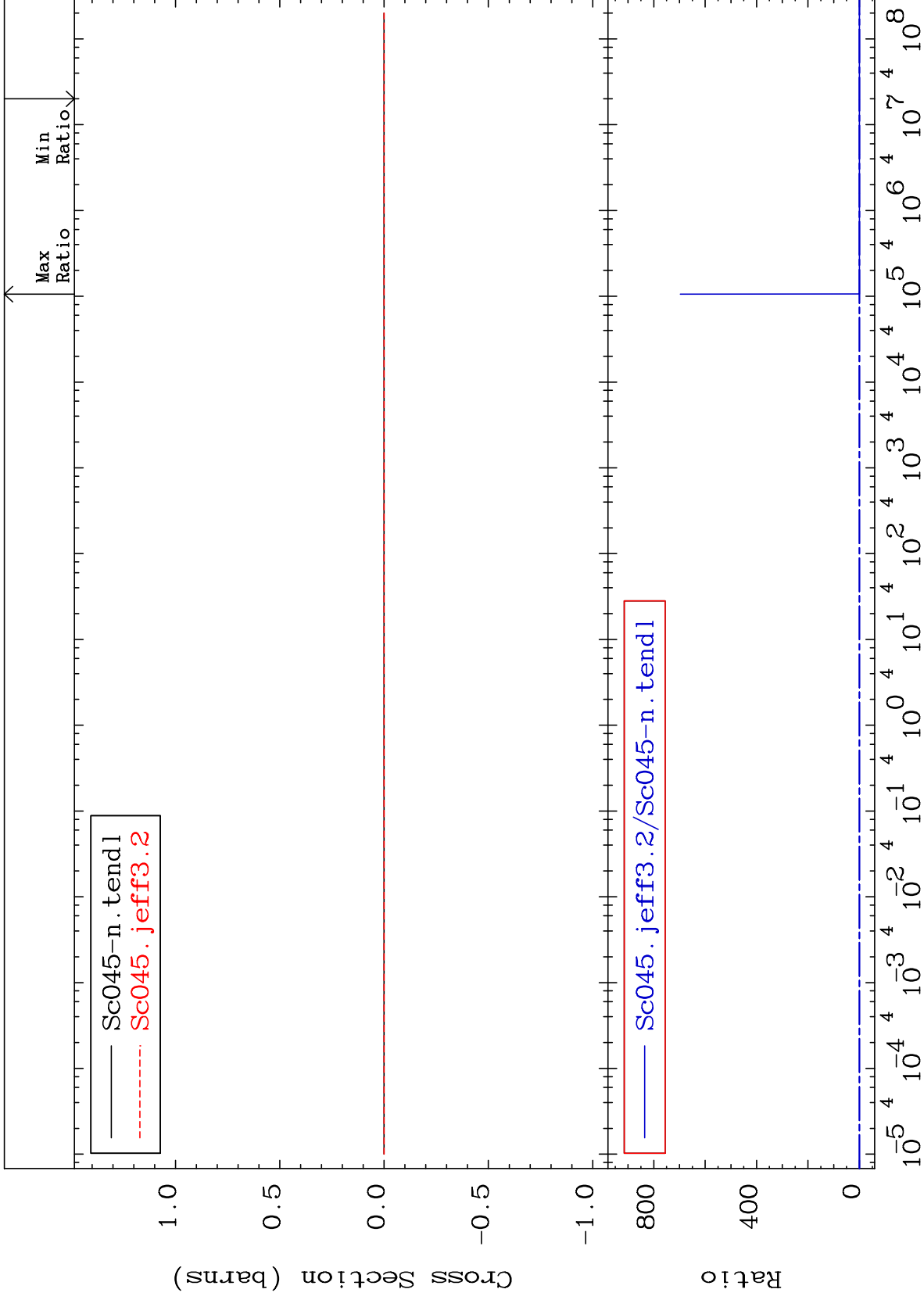
21-Sc-45
-100.0 To 9999. %



50

Incident Energy (eV)

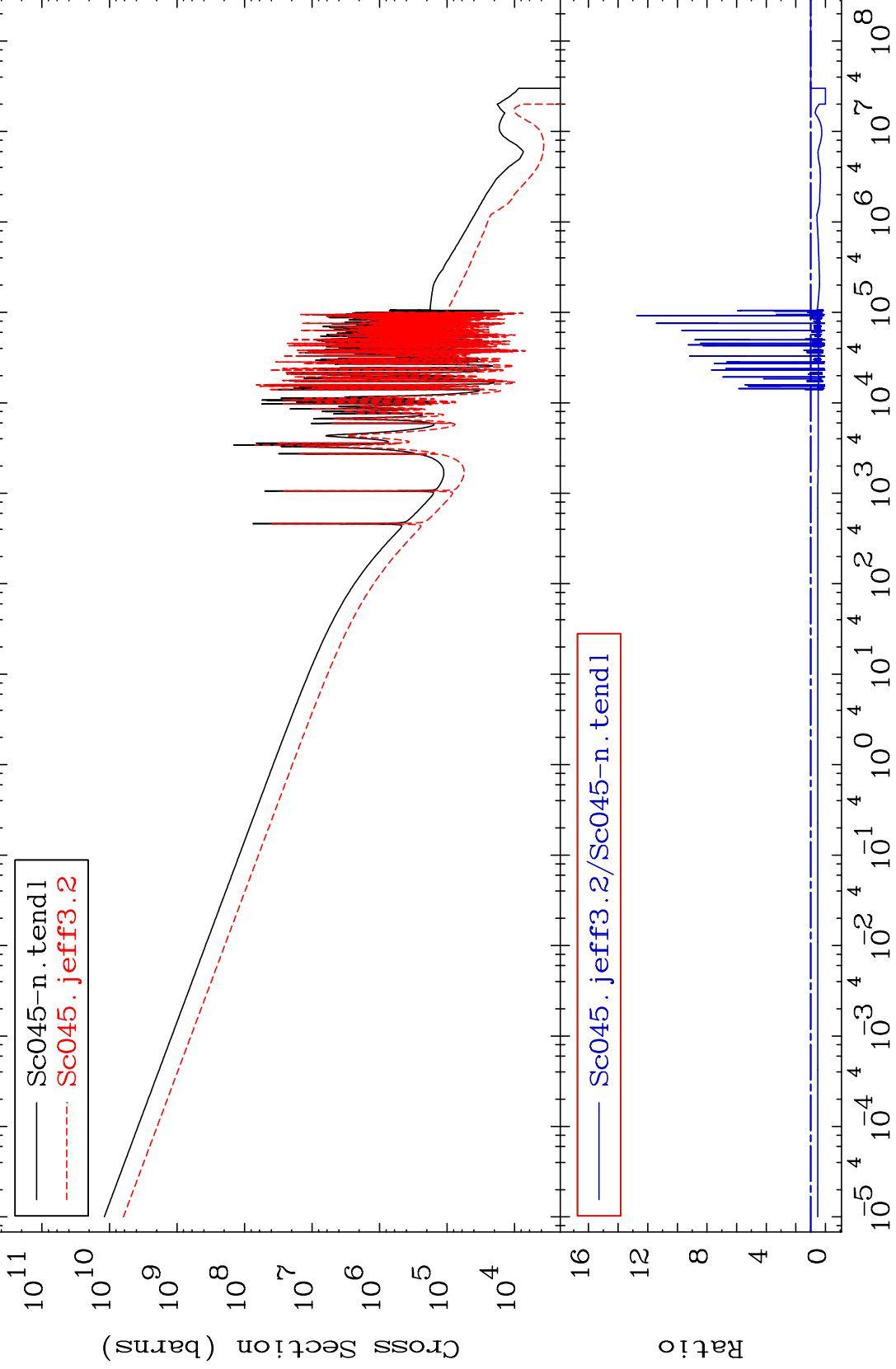
21-Sc-45



MAT 2125

Kerma capture (mt102)
Cross Section

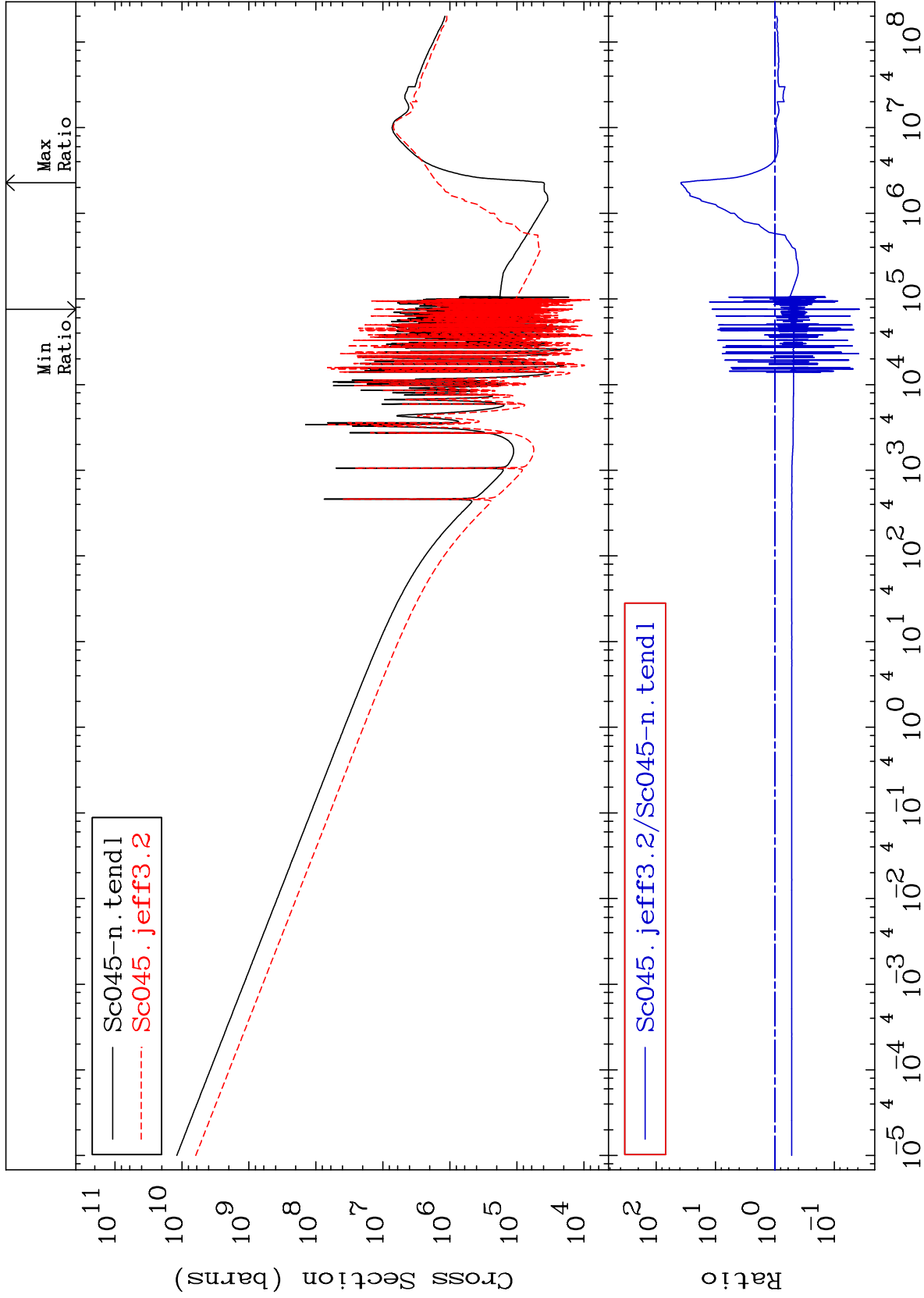
21-Sc-45
-100.0 To 1175. %

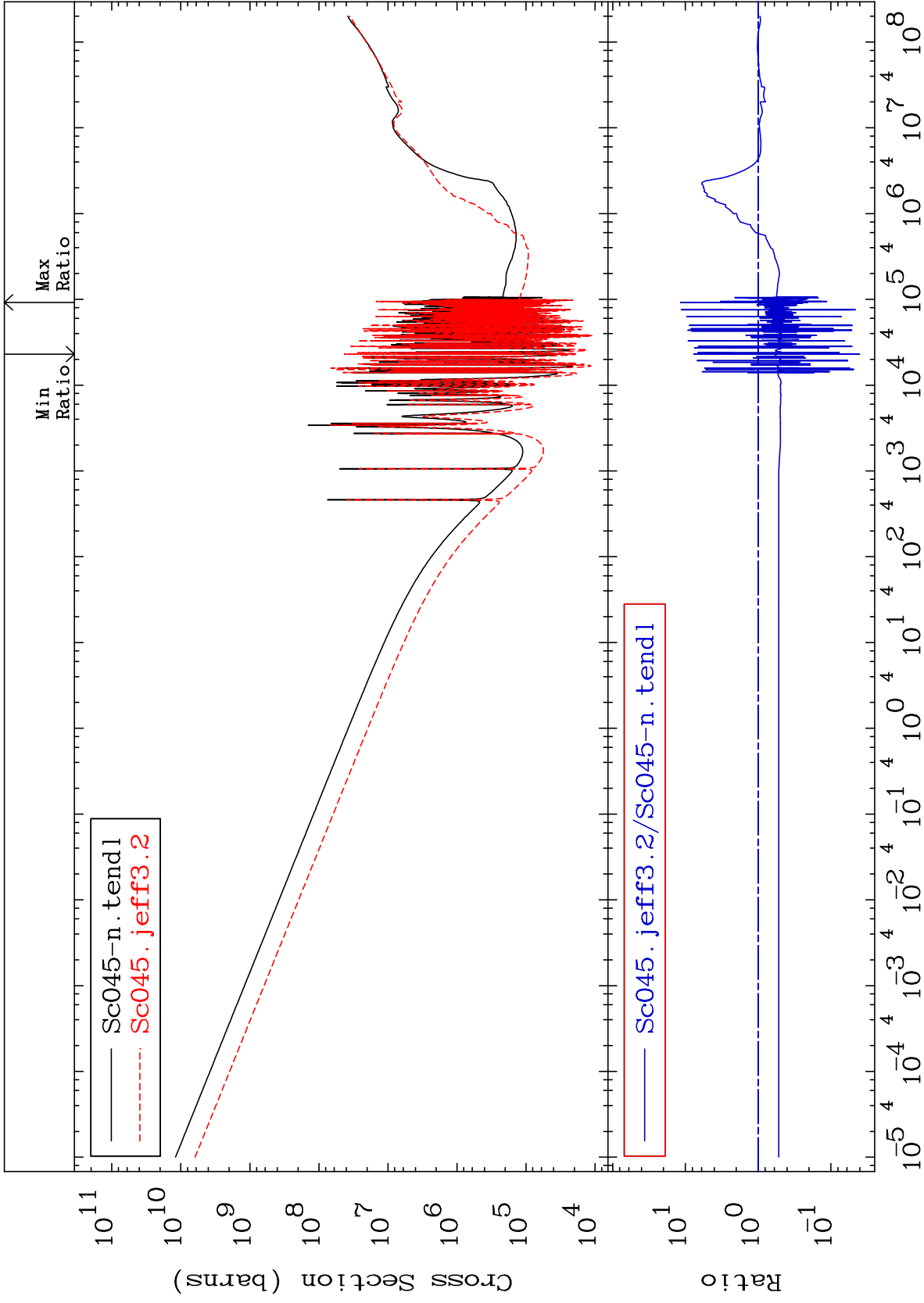


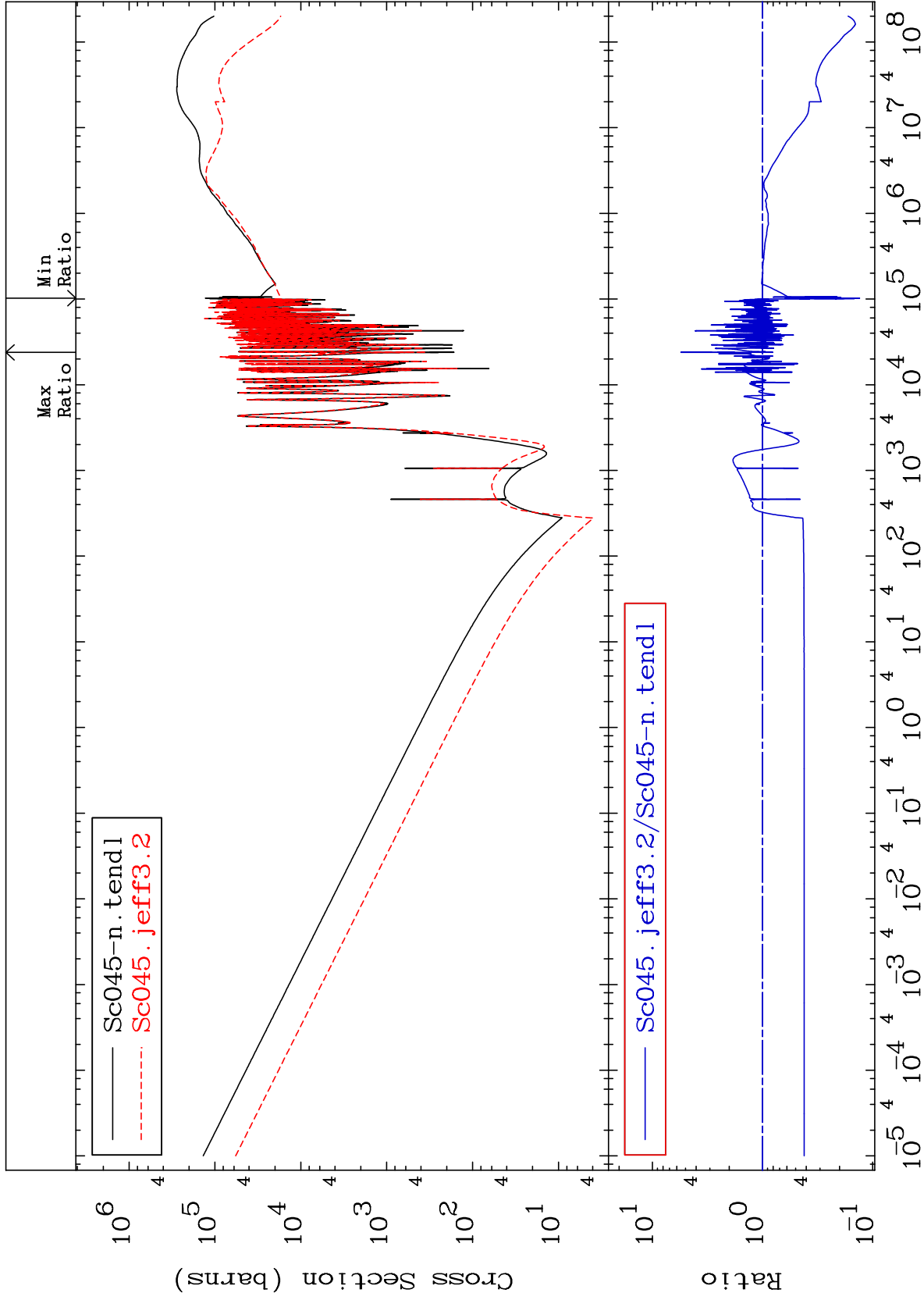
52

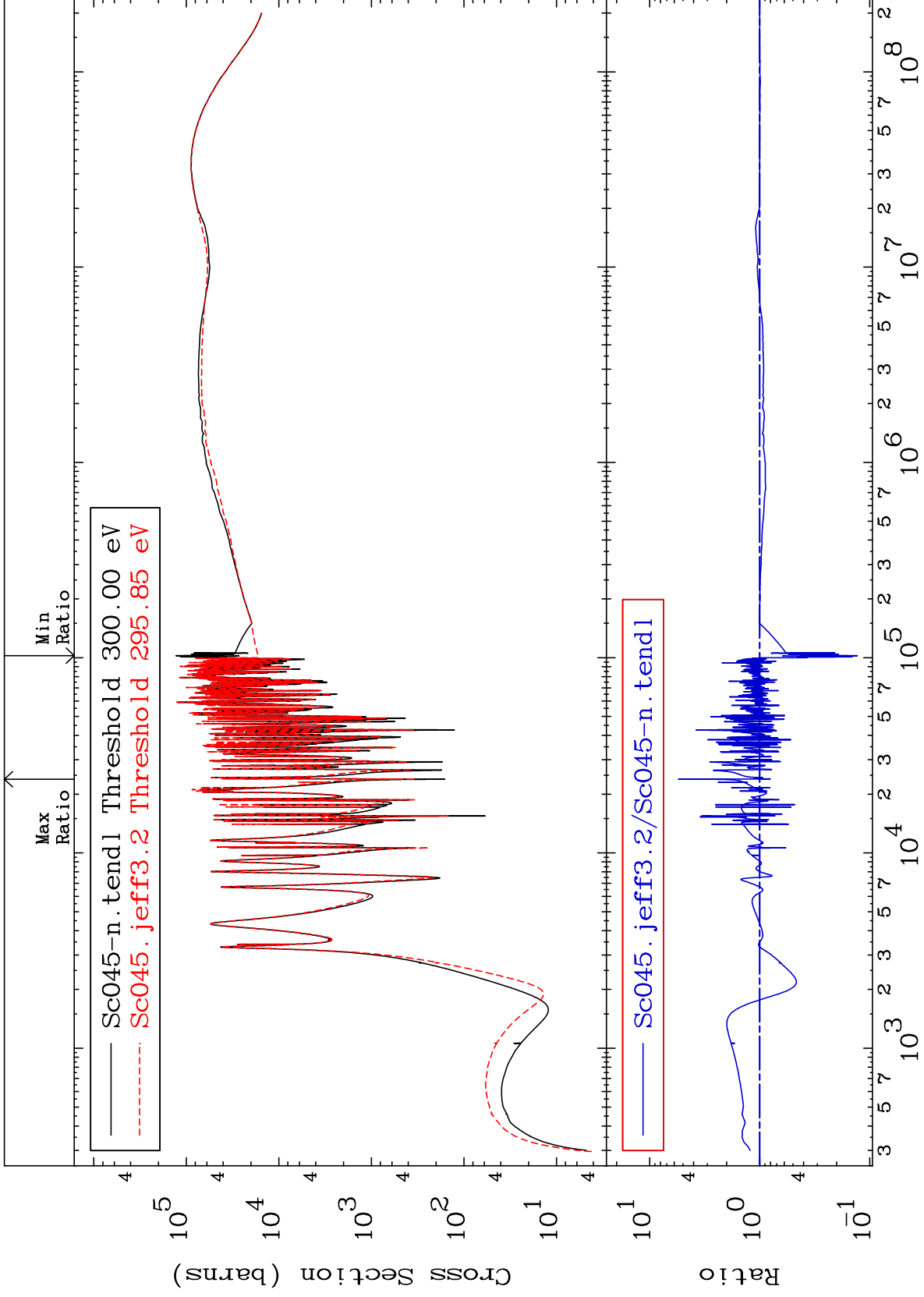
Incident Energy (eV)

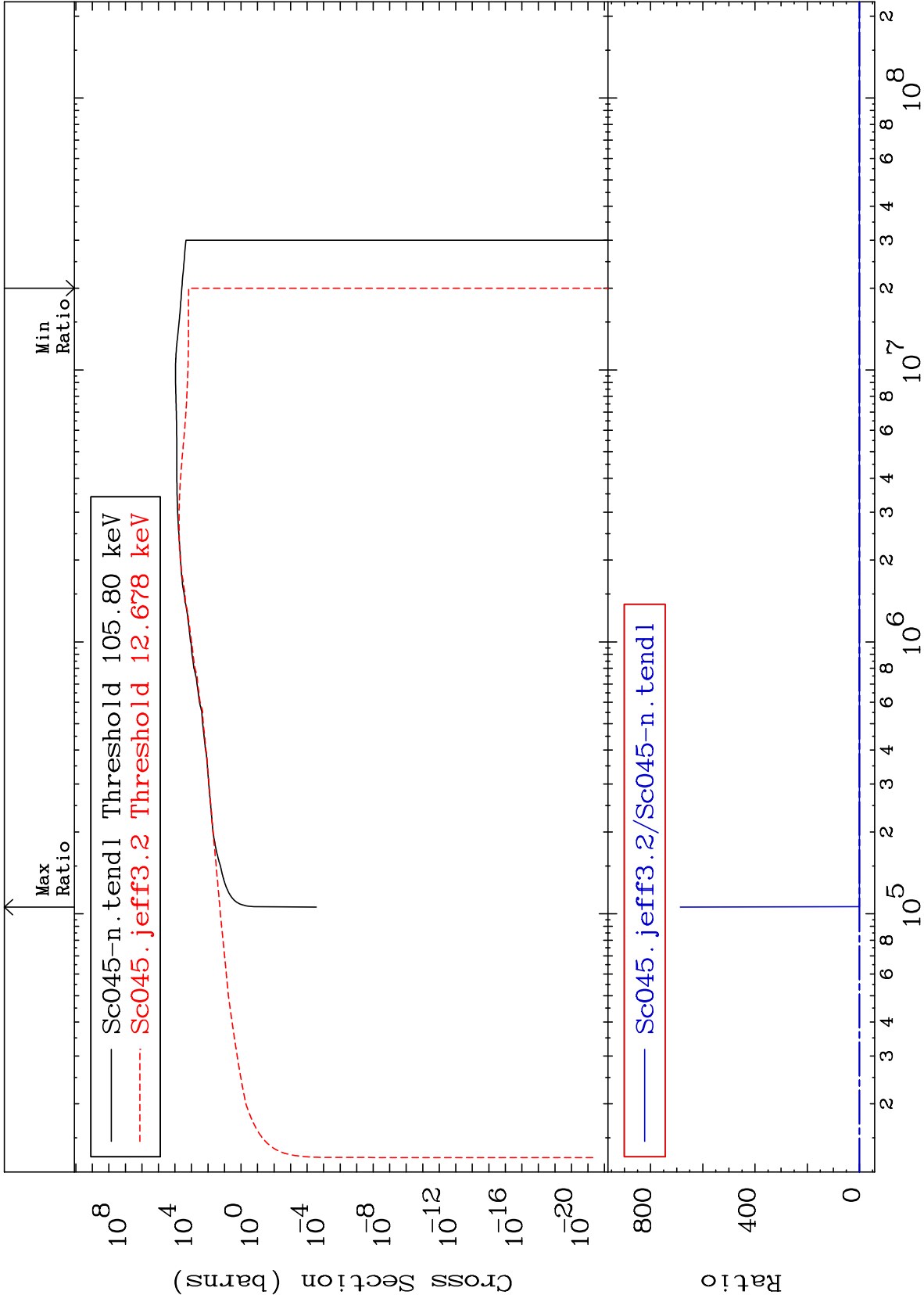
21-Sc-45







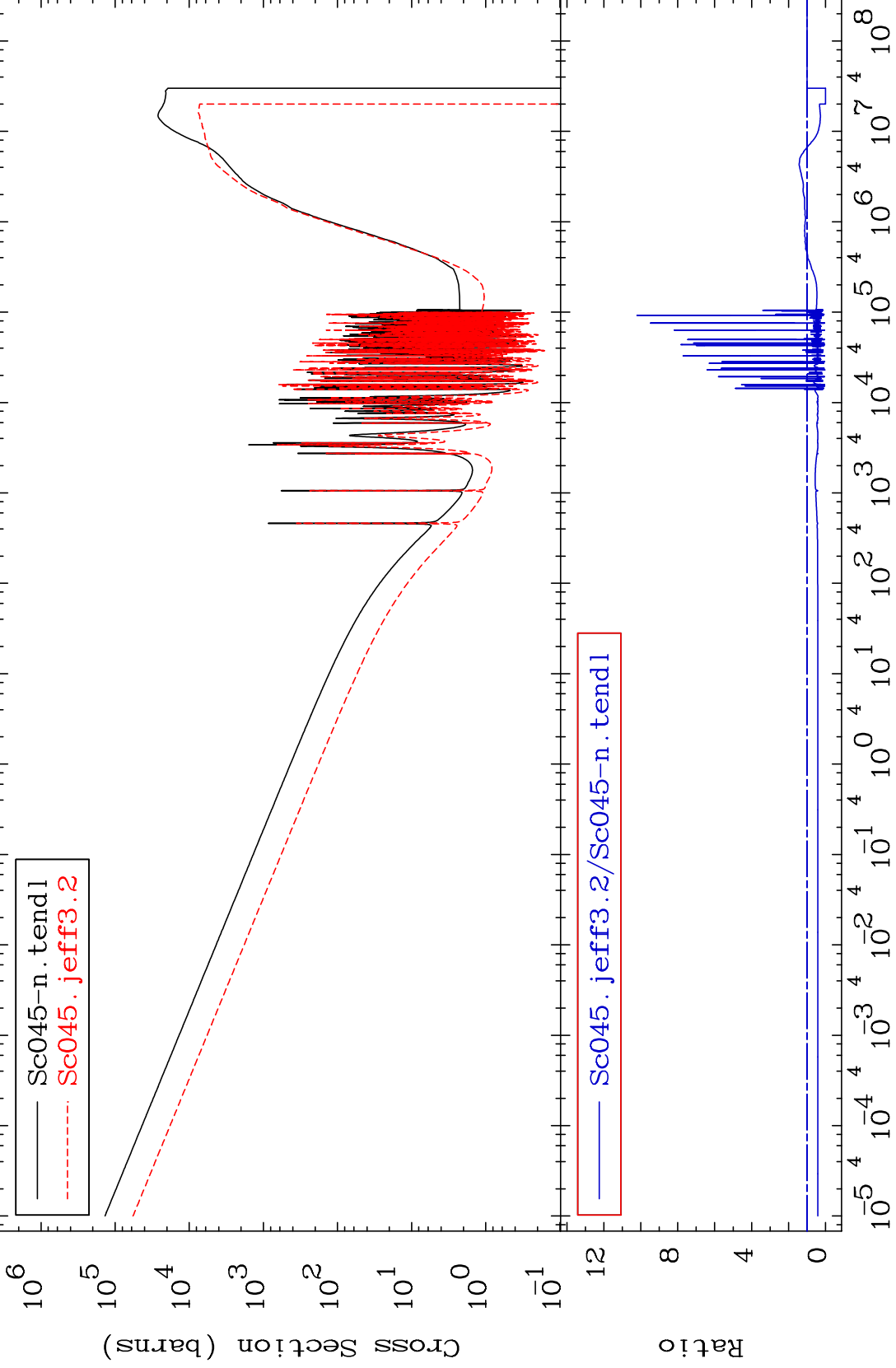




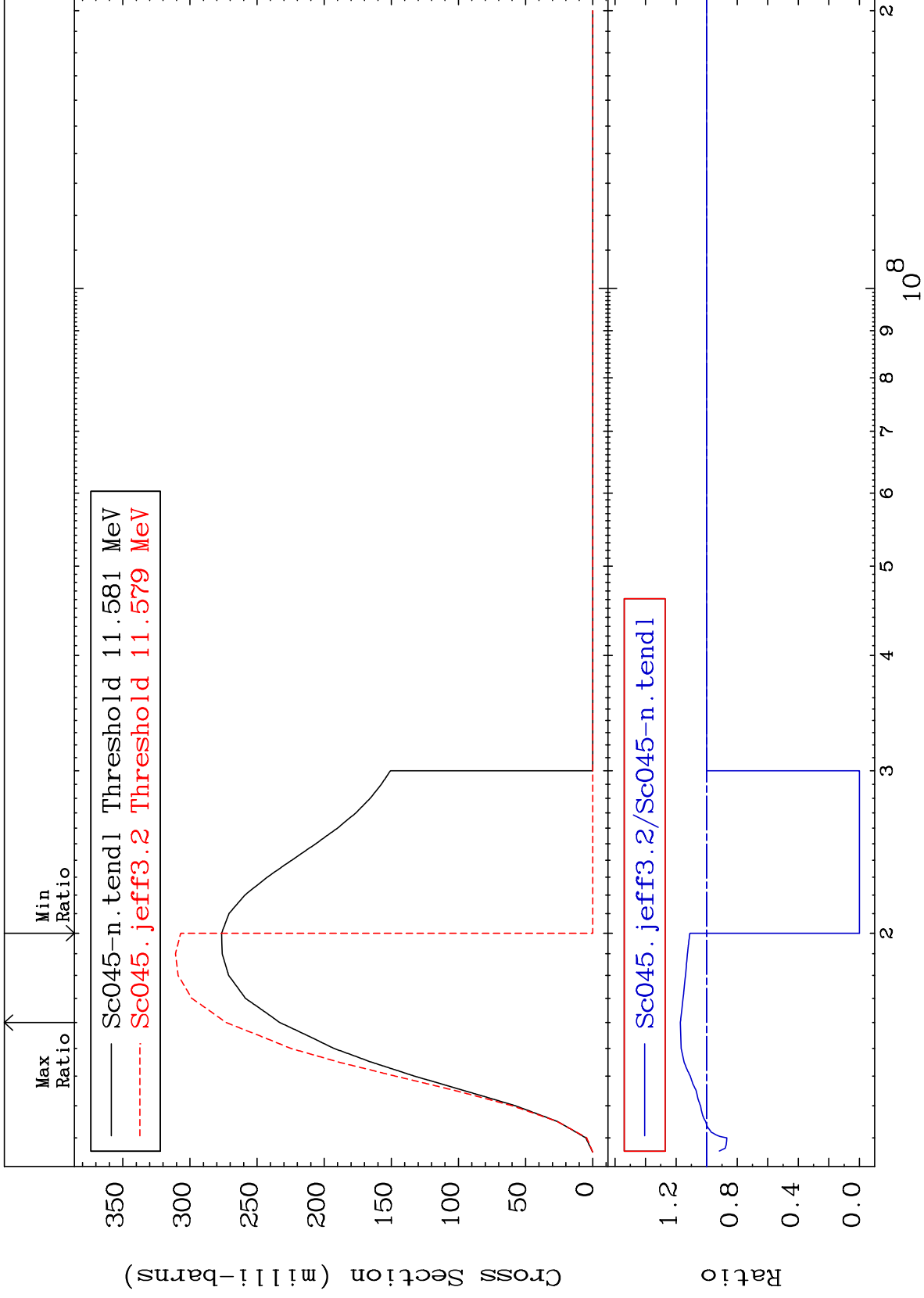
MAT 2125

Dpa disappearance (mt102 -120)
Cross Section

21-Sc-45
-100.0 To 921.3 %



Radionuclide Production Cross Section -100.0 To 17.20 %



Radionuclide Production Cross Section -100.0 To 1.226 %

