

Program EVALPLOT
(Version 2015-2)

by

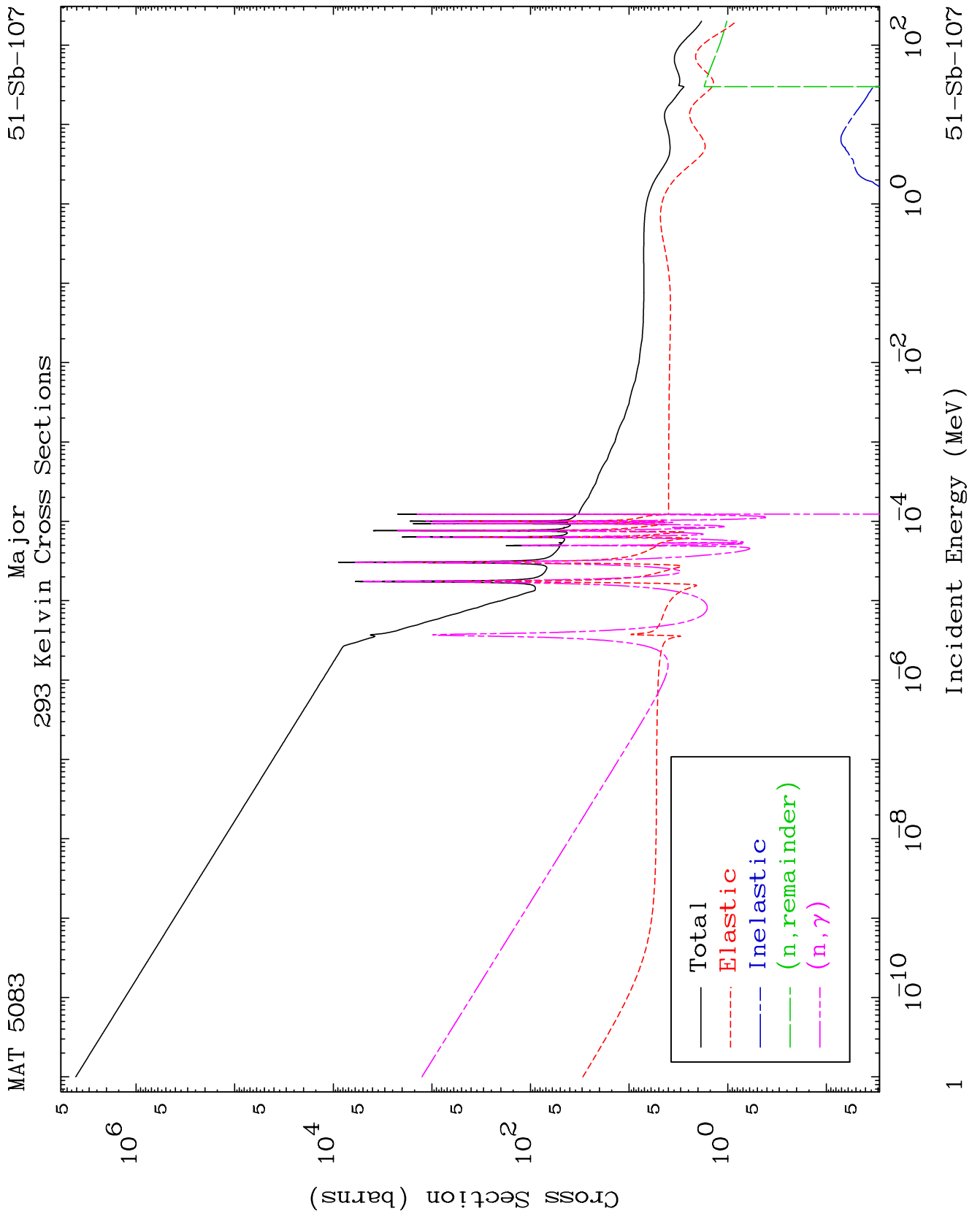
Dermott E. Cullen
(Present Contact Information)

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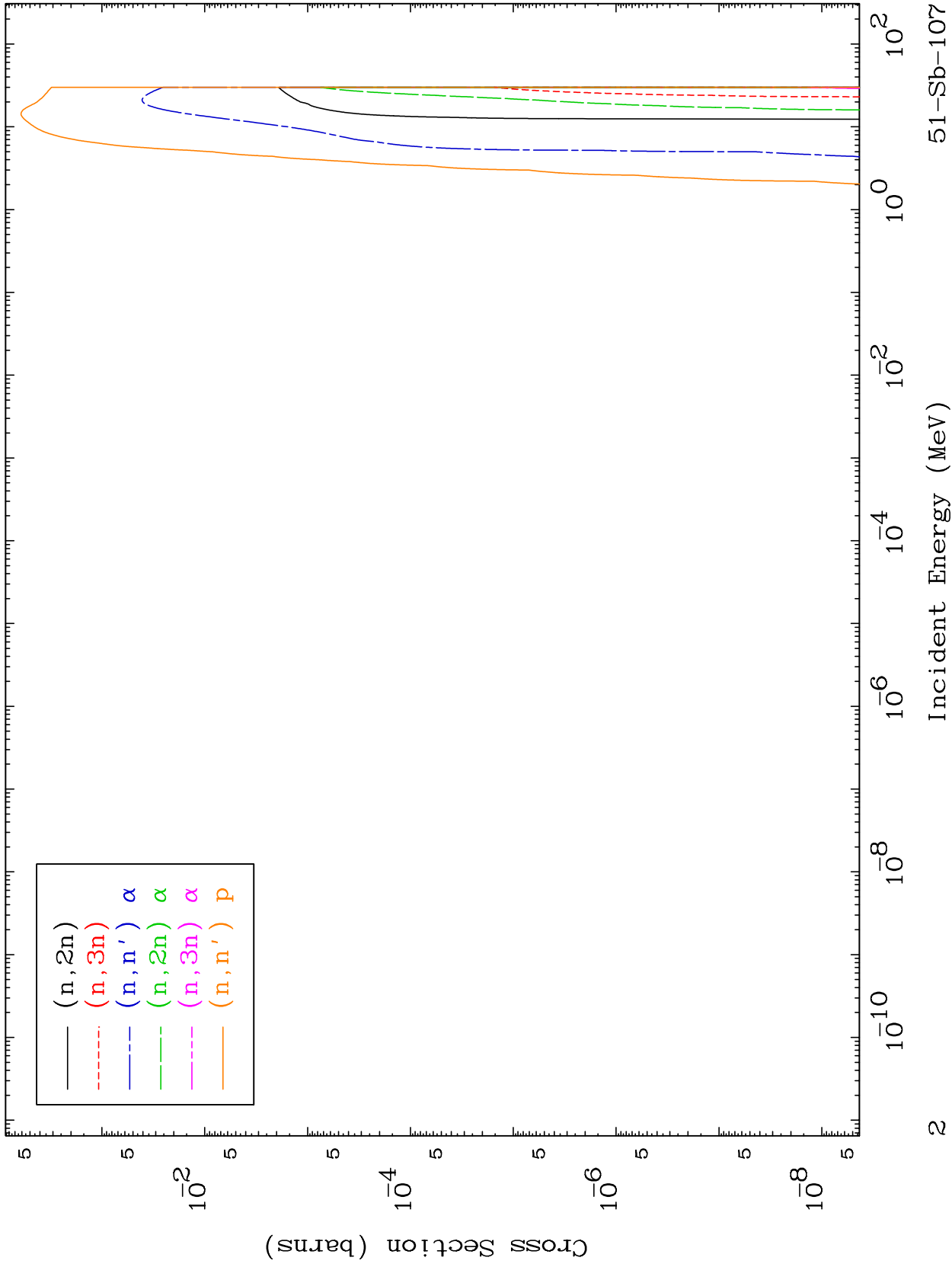
Press Mouse Button to Start



MAT 5083

Neutron Production
293 Kelvin Cross Sections

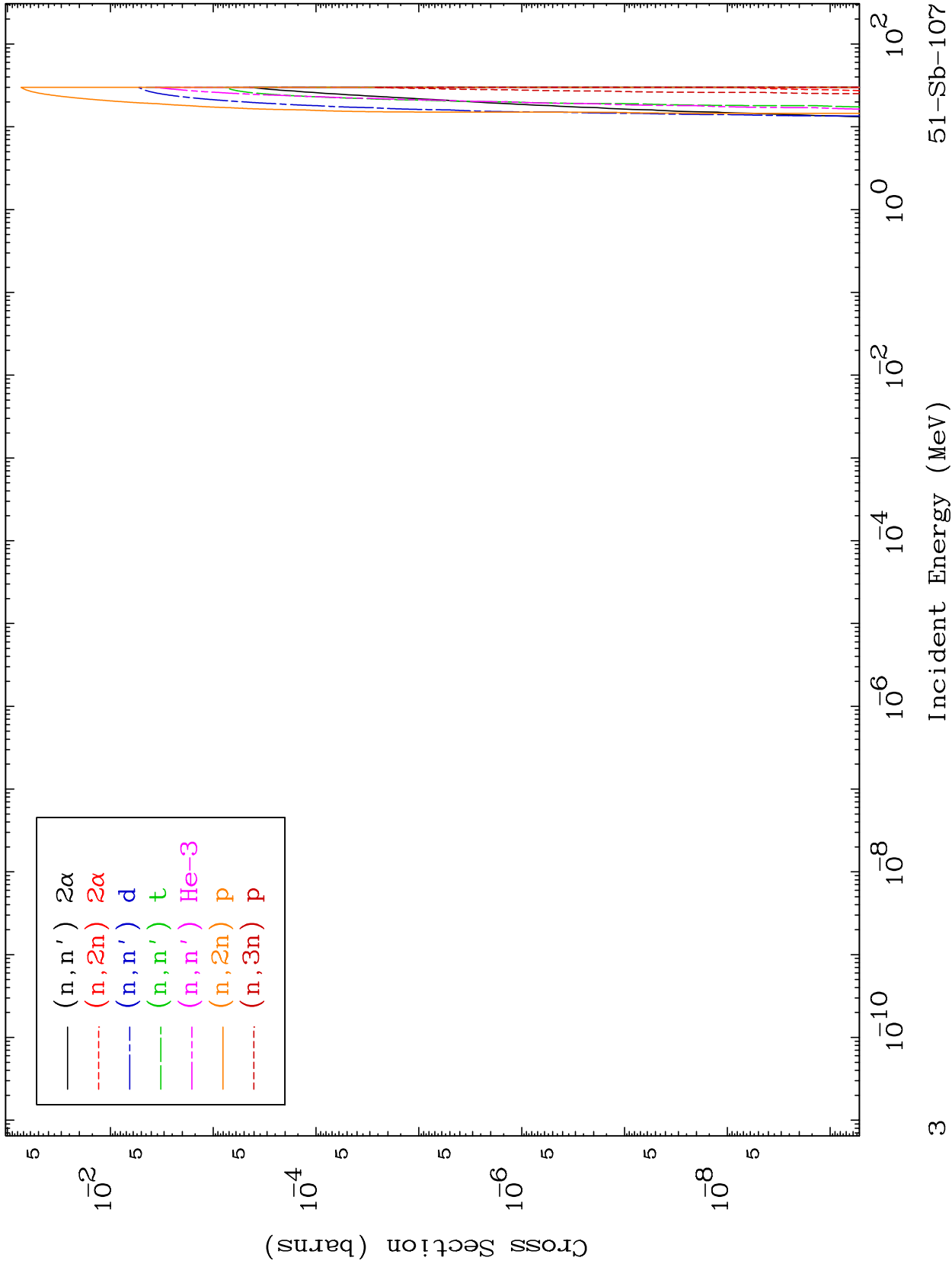
51-Sb-107



MAT 5083

Neutron Production
293 Kelvin Cross Sections

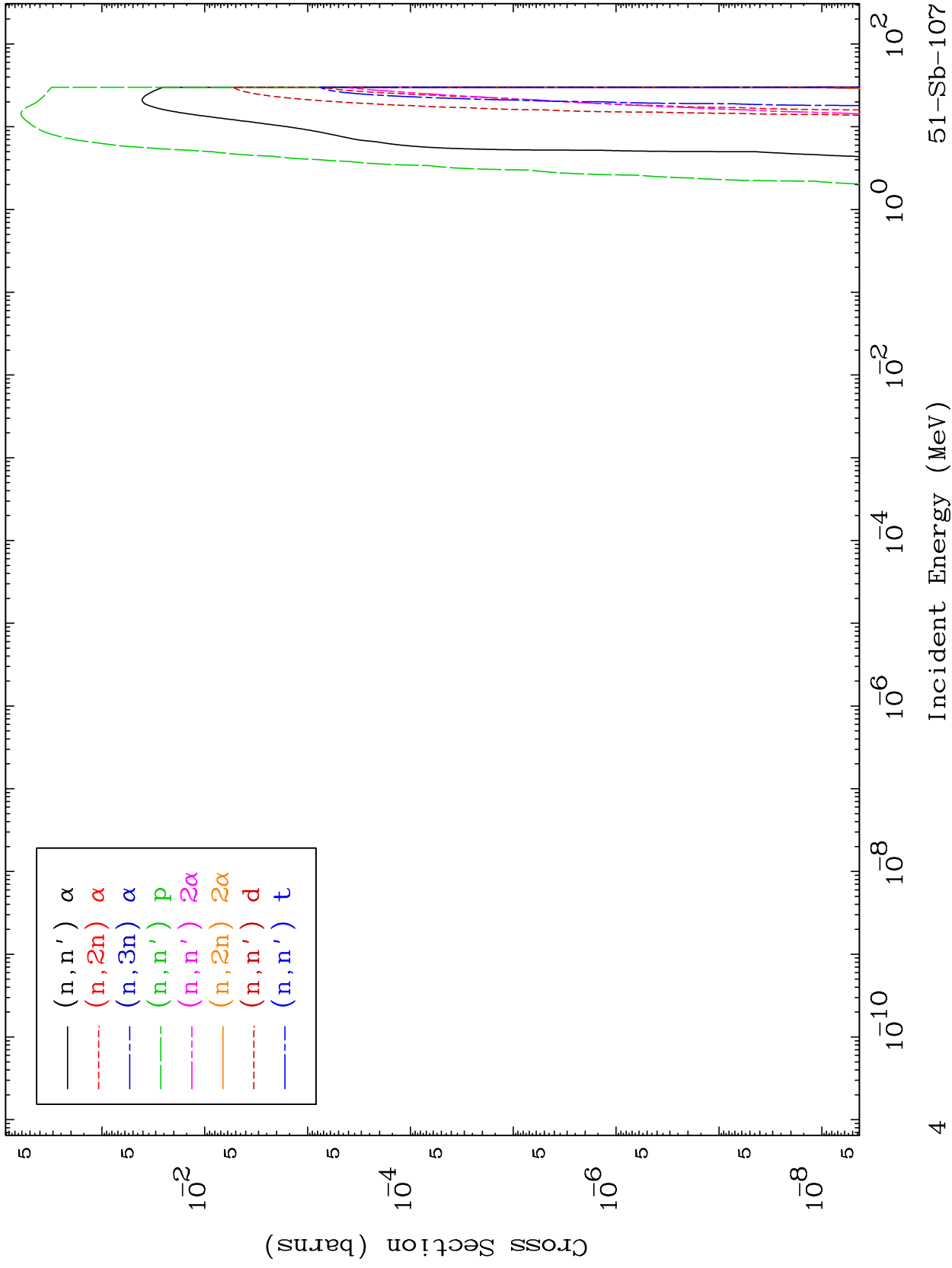
51-Sb-107



MAT 5083

Charged Particle
293 Kelvin Cross Sections

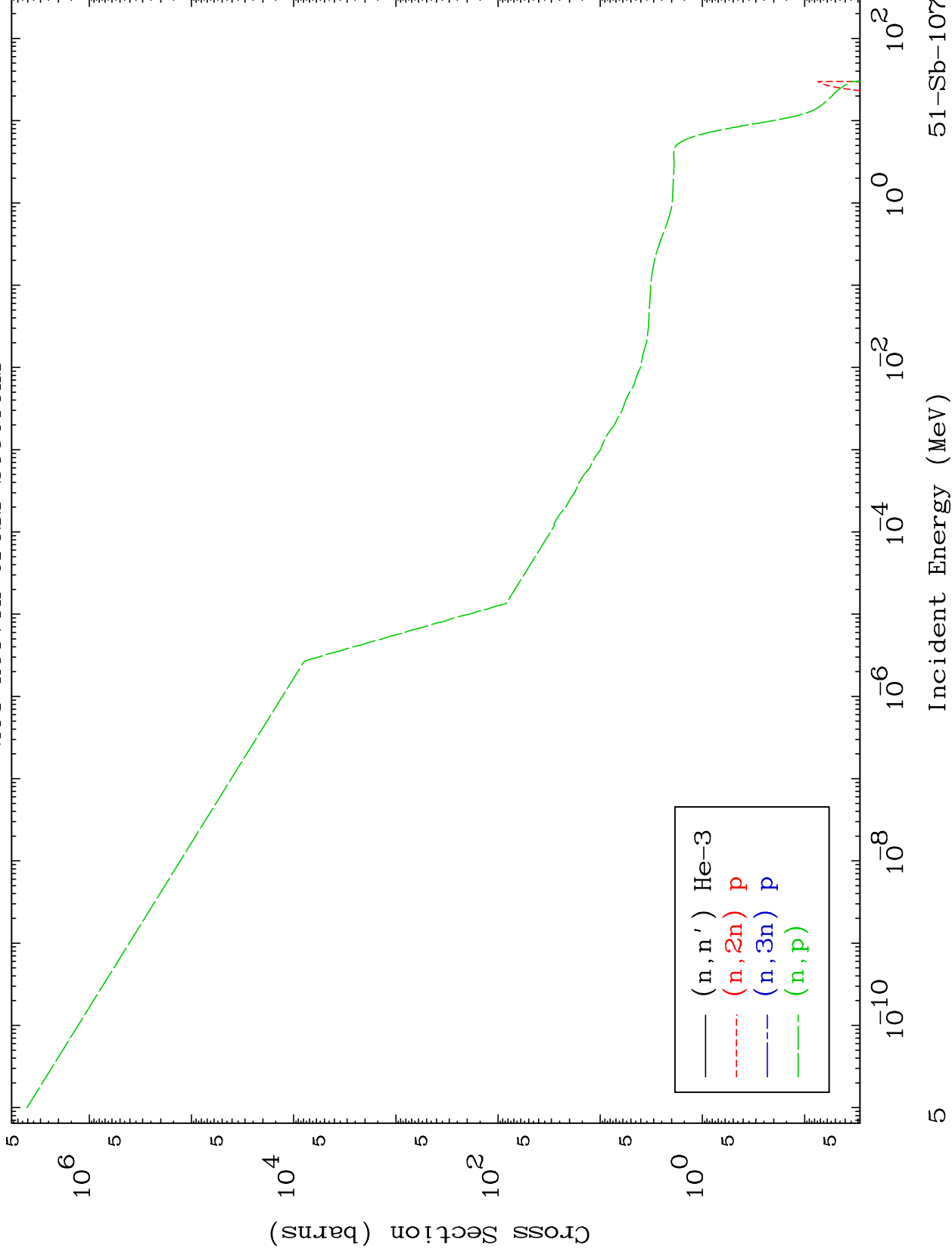
51-Sb-107



MAT 5083

Charged Particle
293 Kelvin Cross Sections

51-Sb-107

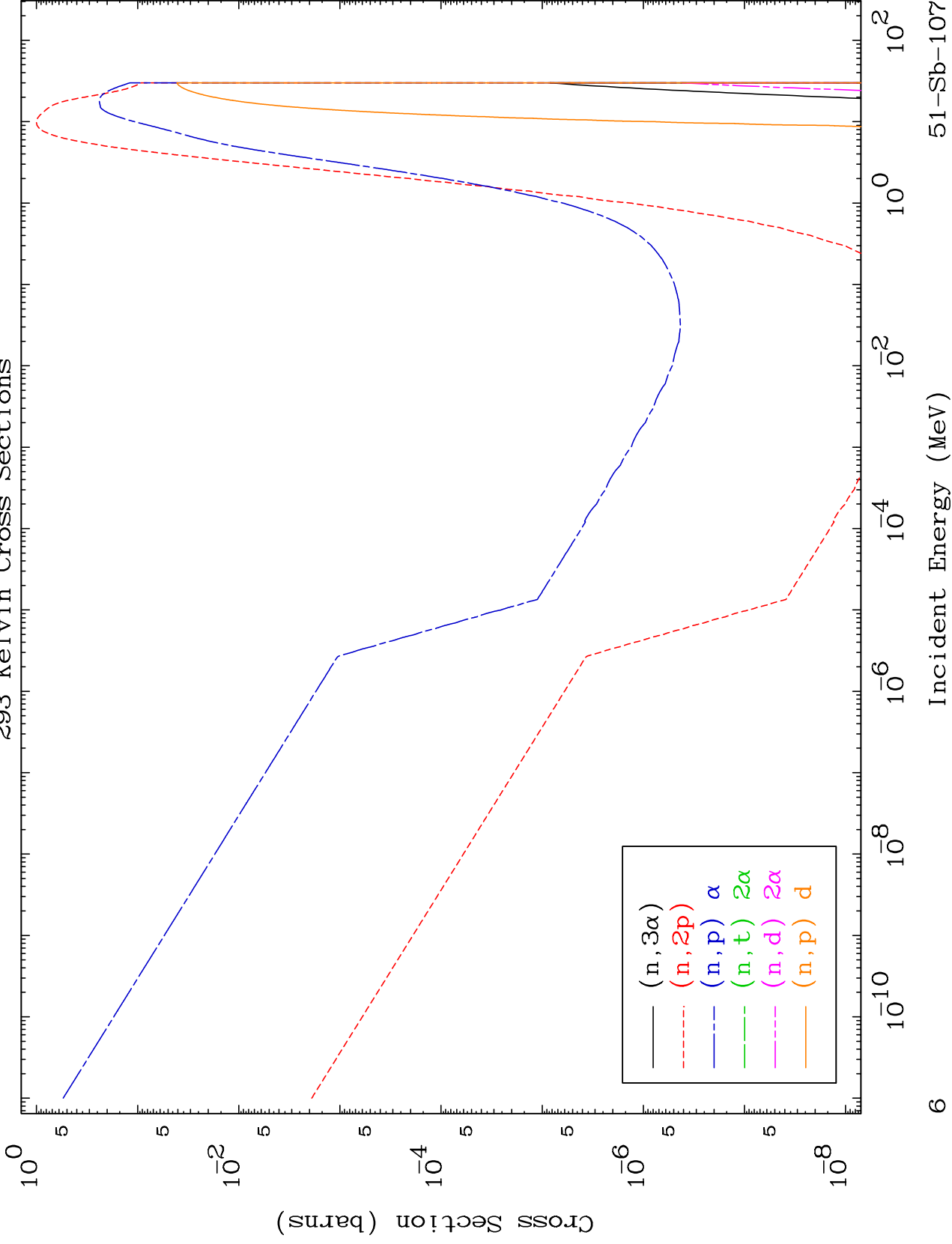


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MAT 5083

Charged Particle
293 Kelvin Cross Sections

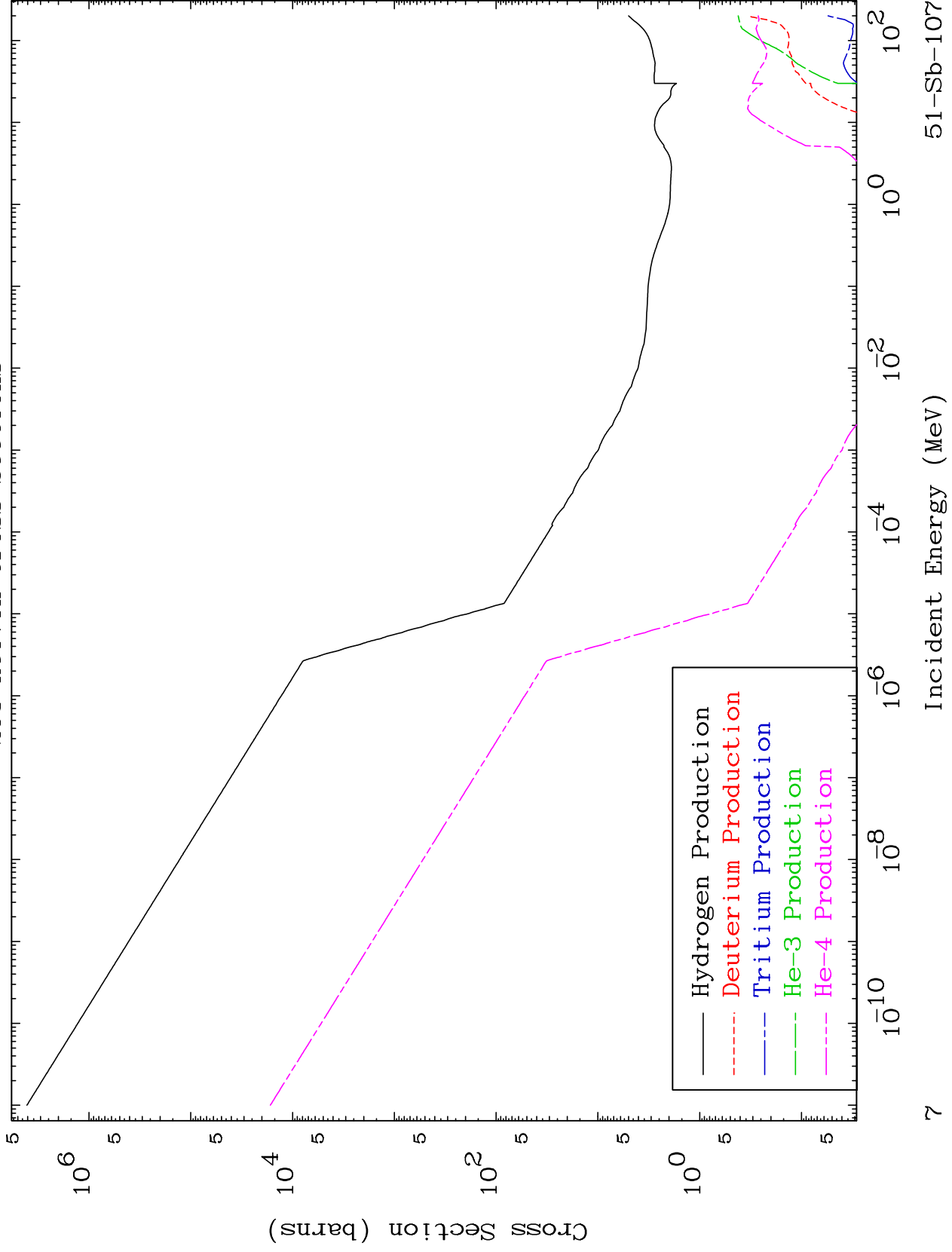
51-Sb-107



MAT 5083

Particle Production
293 Kelvin Cross Sections

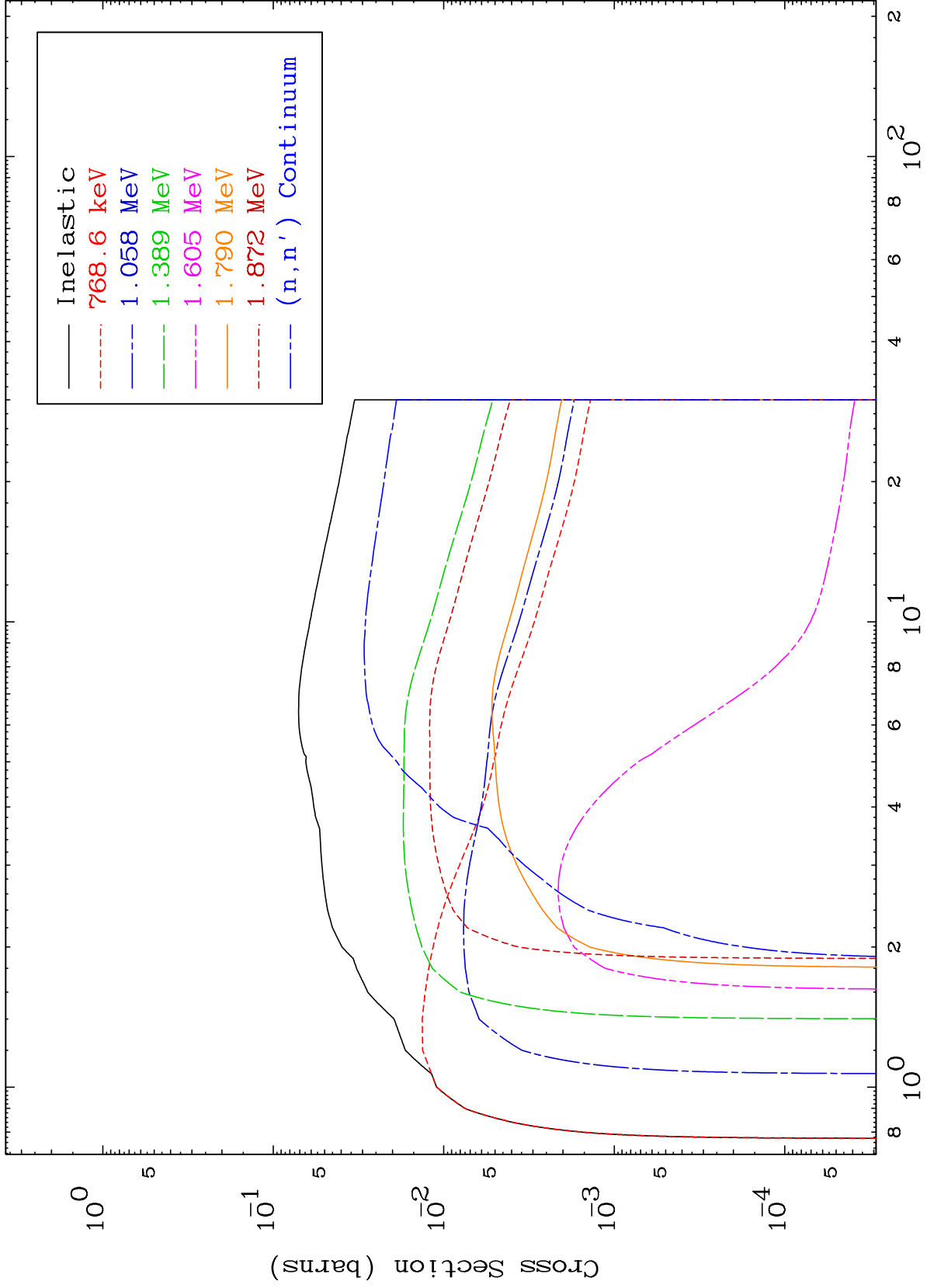
51-Sb-107



MAT 5083

(n,n') Level
293 Kelvin Cross Sections

51-Sb-107



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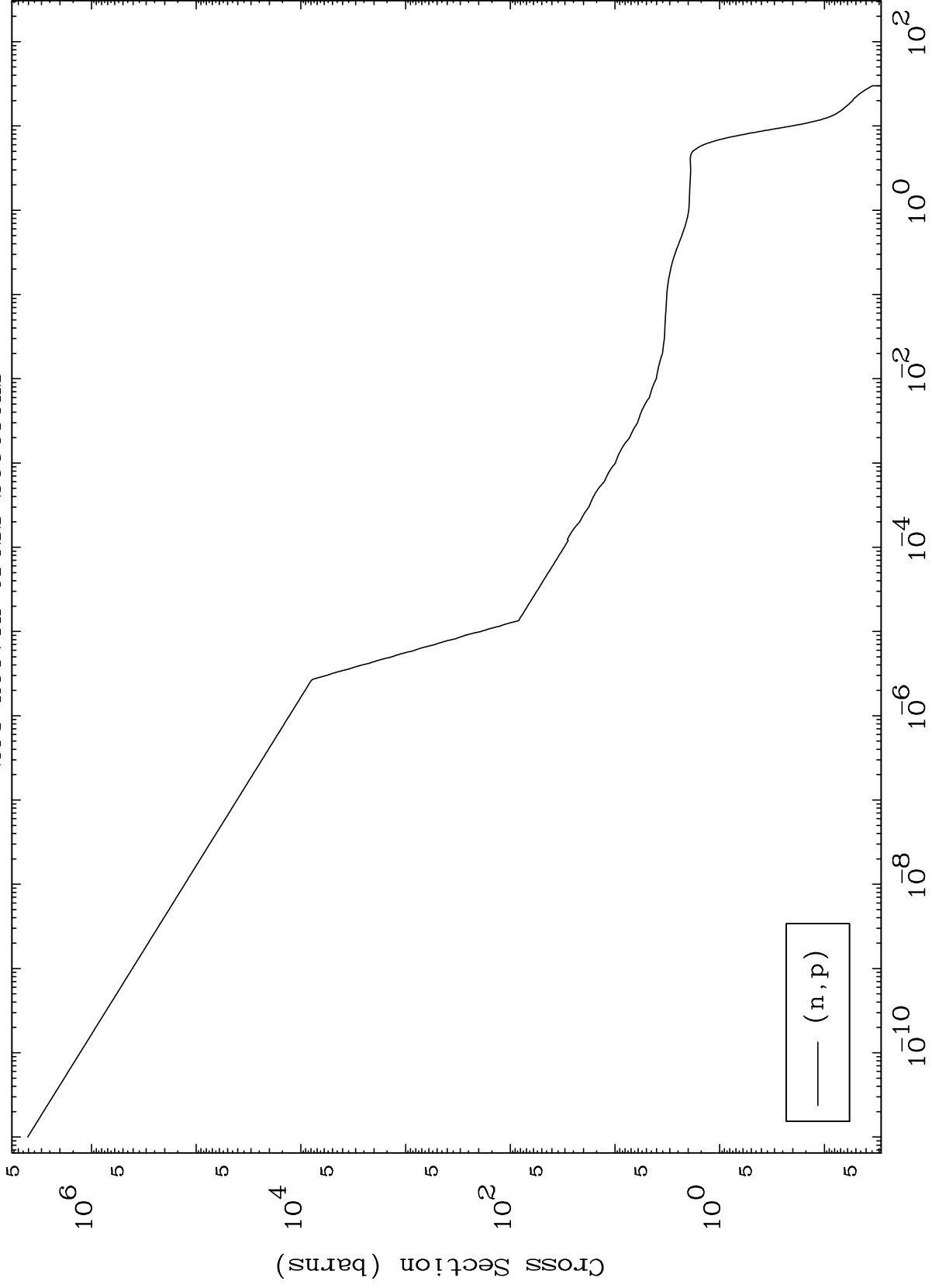
Incident Energy (MeV)

51-Sb-107

MAT 5083

(n,p) Levels
293 Kelvin Cross Sections

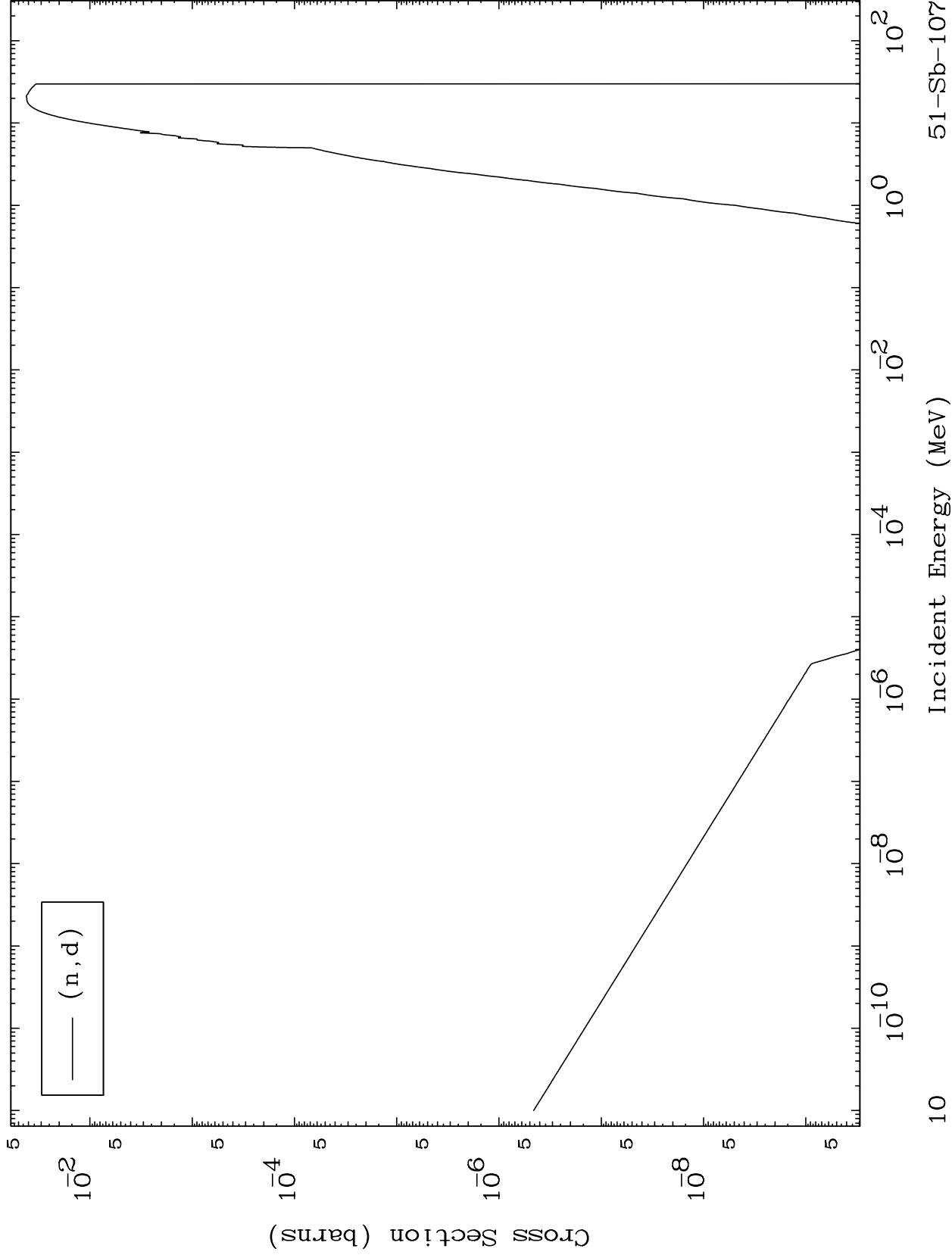
51-Sb-107



MAT 5083

(n,d) Levels
293 Kelvin Cross Sections

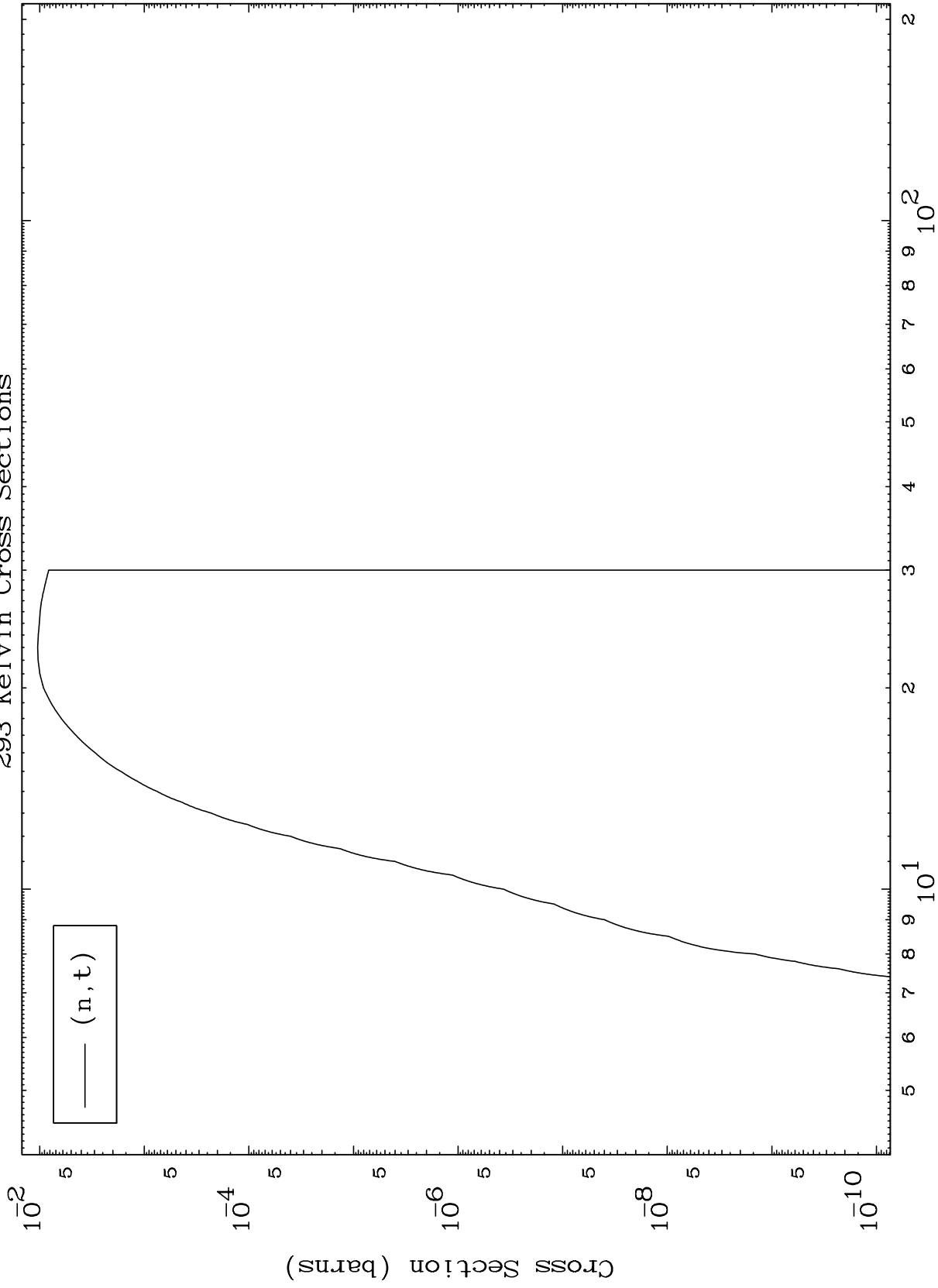
51-Sb-107



MAT 5083

(n,t) Levels
293 Kelvin Cross Sections

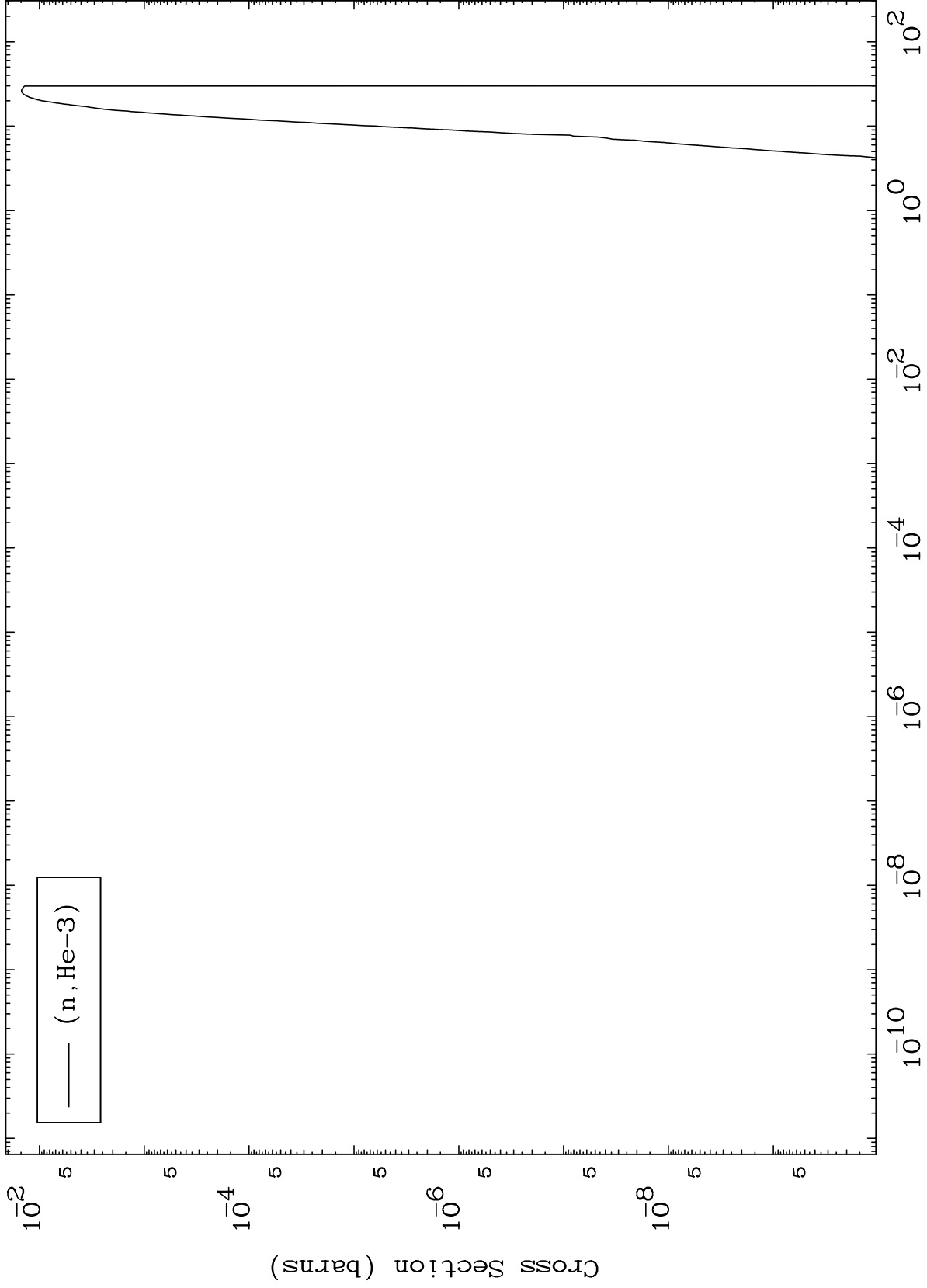
51-Sb-107



MAT 5083

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-107



12

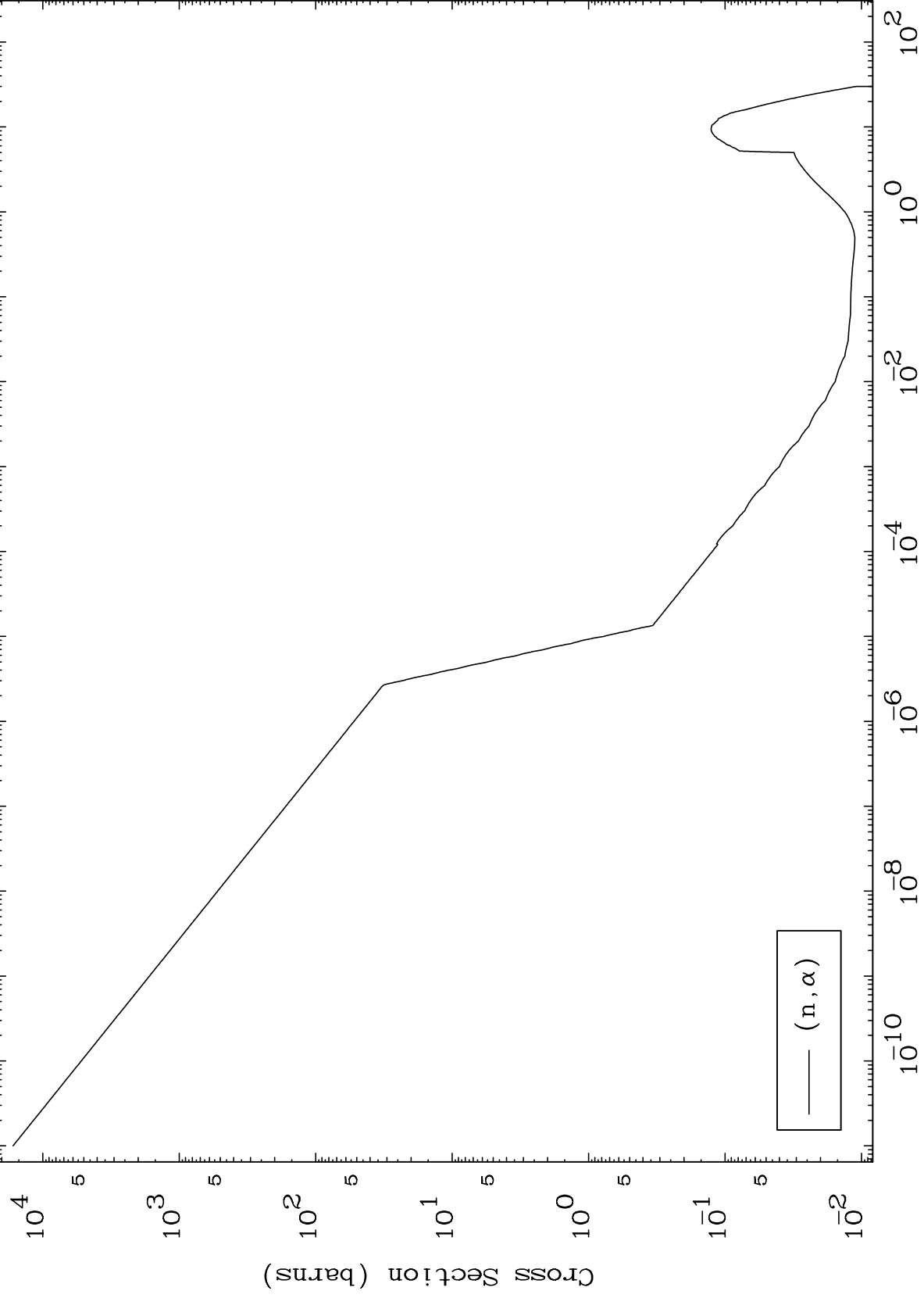
Incident Energy (MeV)

51-Sb-107

MAT 5083

(n,α) Levels
293 Kelvin Cross Sections

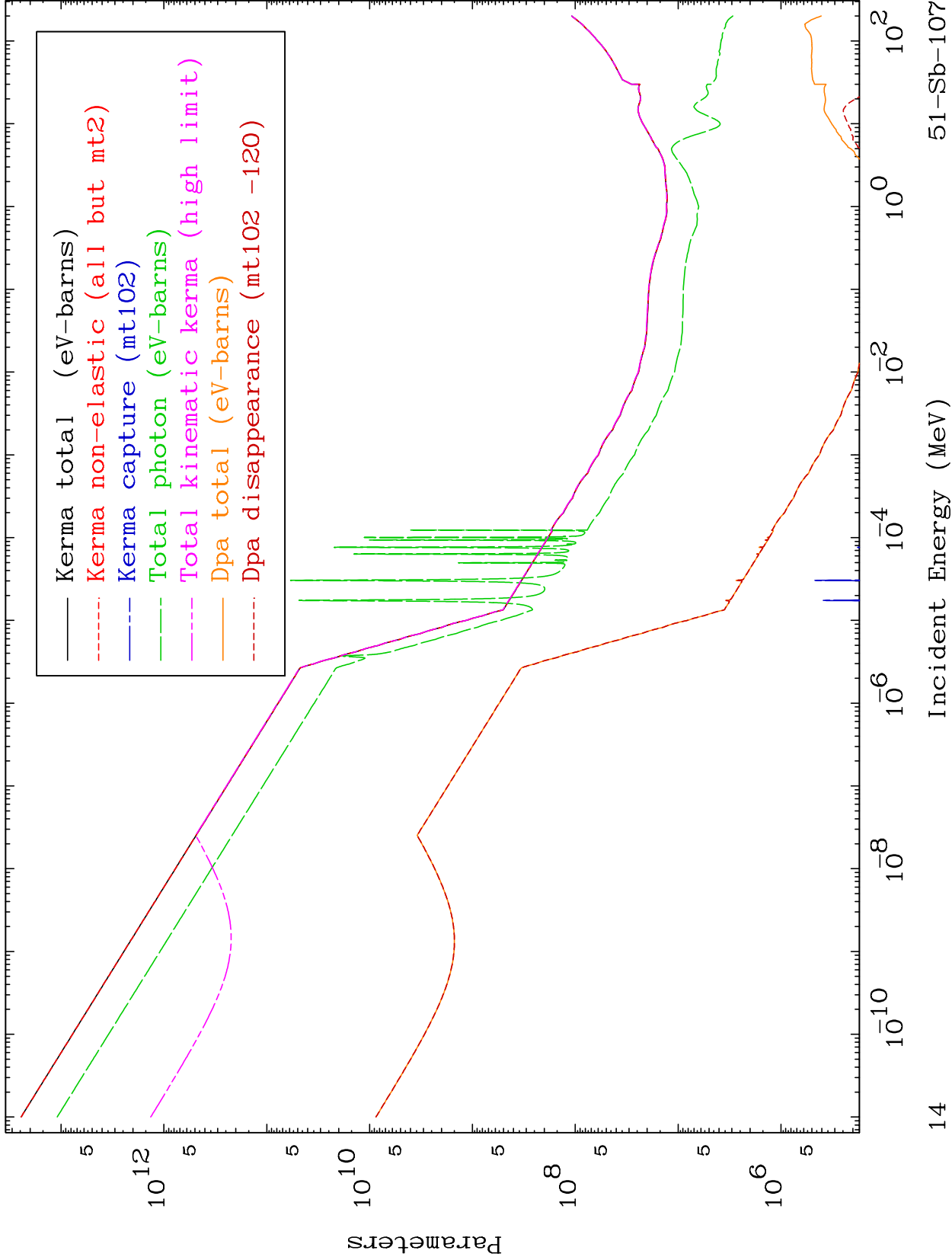
51-Sb-107



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Incident Energy (MeV)

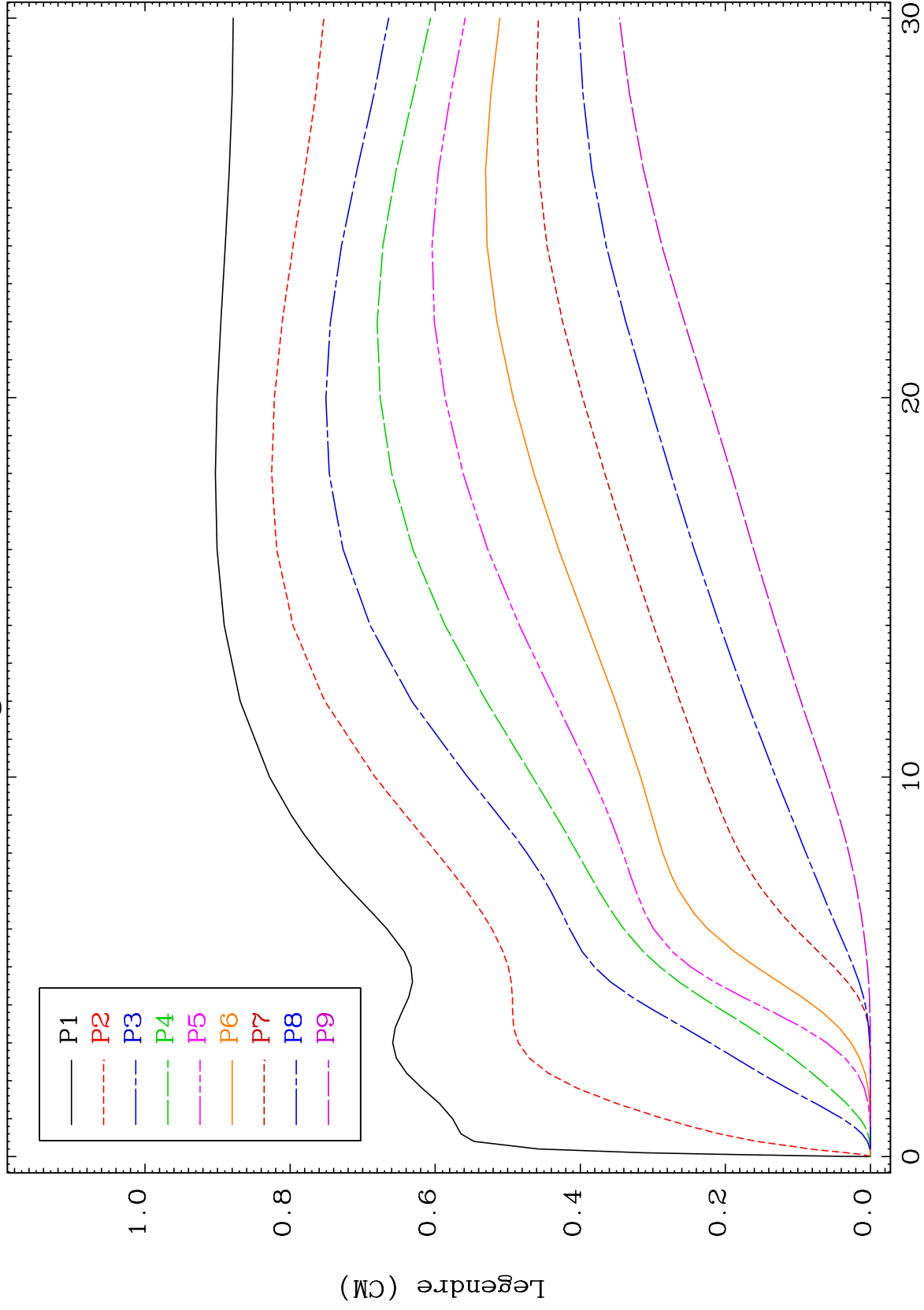
51-Sb-107



MAT 5083

Elastic Legendre Coefficients

51-Sb-107



15

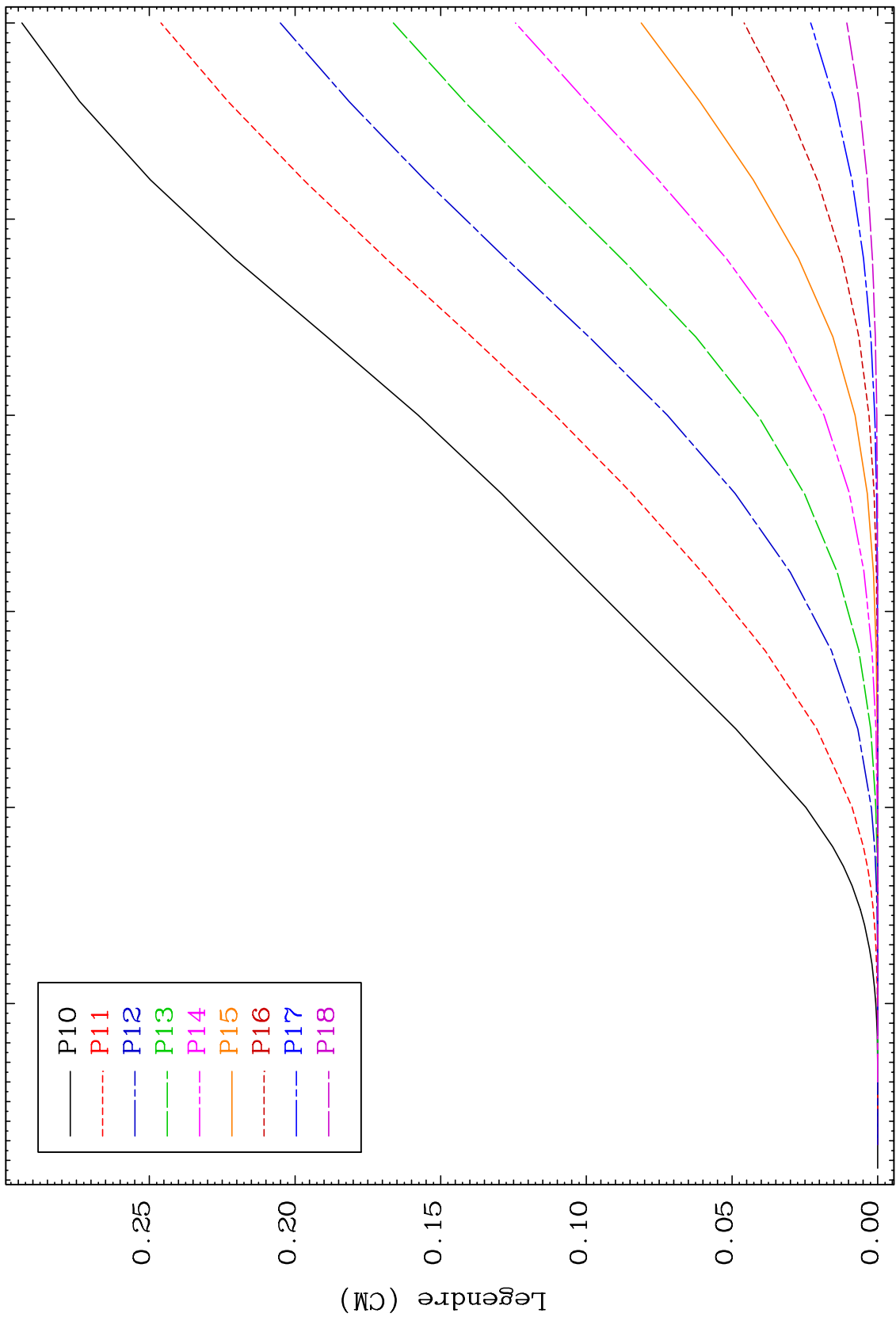
Incident Energy (MeV)

51-Sb-107

MAT 5083

Elastic Legendre Coefficients

51-Sb-107



16

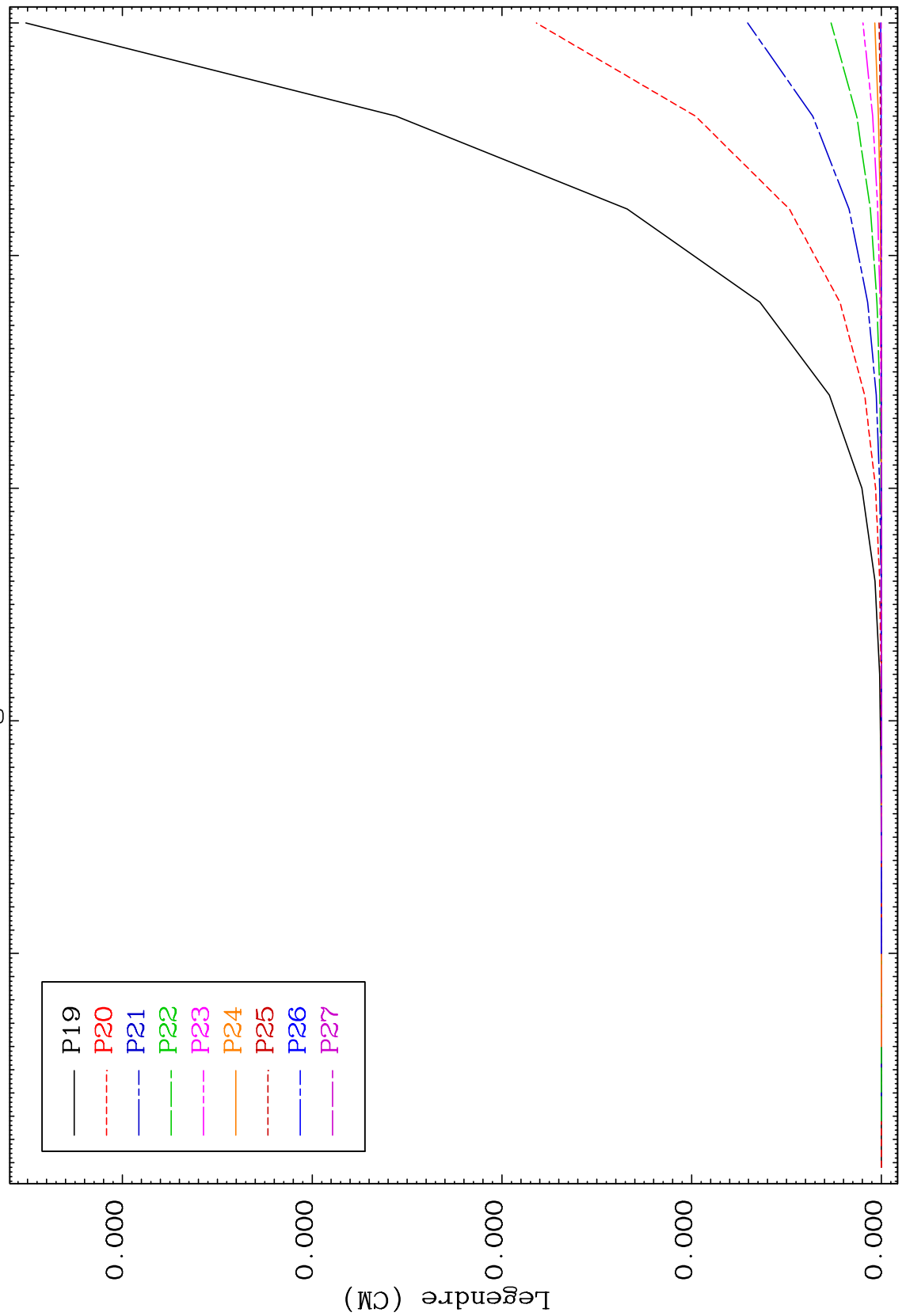
51-Sb-107

Incident Energy (MeV)

MAT 5083

Elastic Legendre Coefficients

51-Sb-107



17

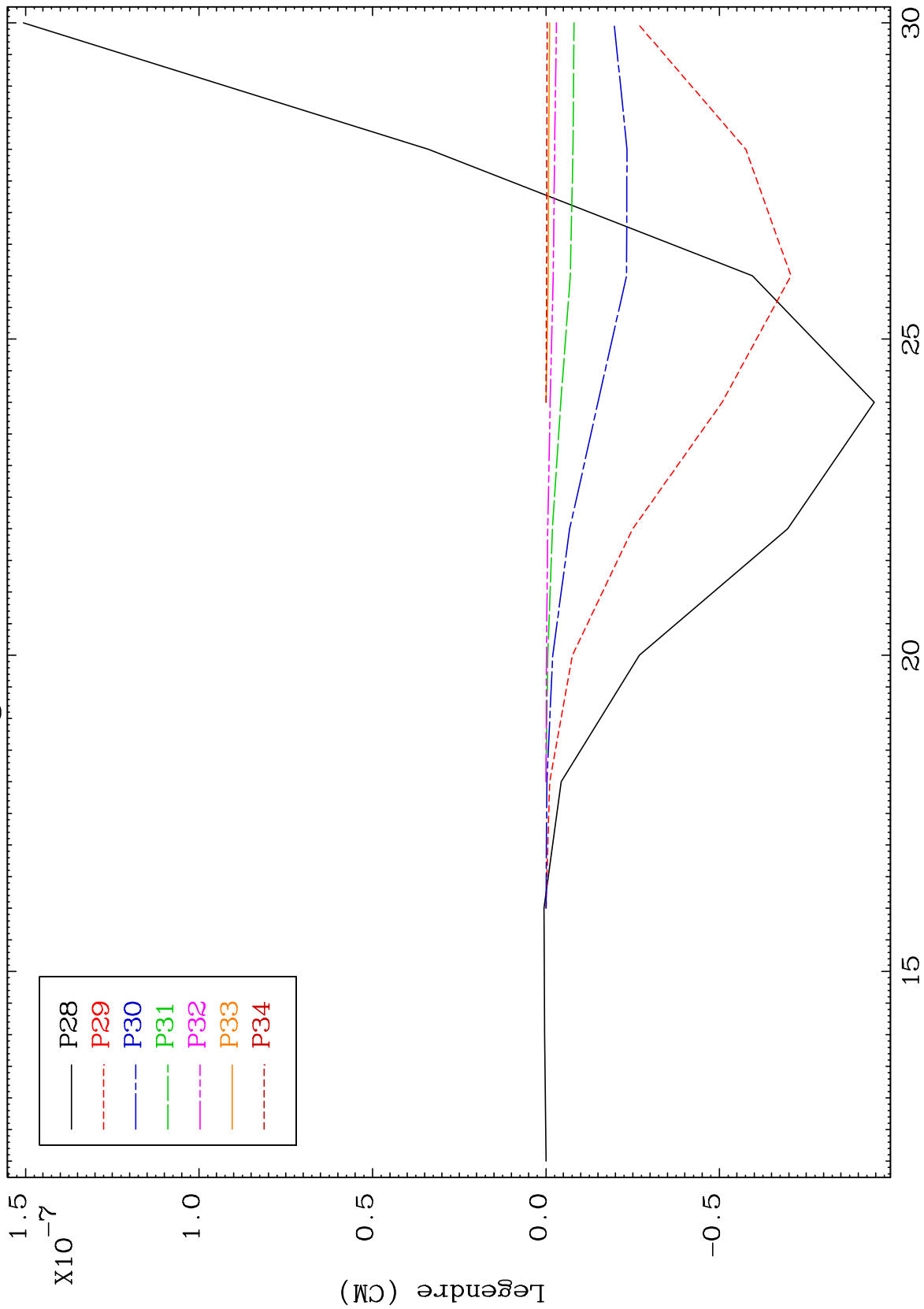
Incident Energy (MeV)

51-Sb-107

MAT 5083

Elastic Legendre Coefficients

51-Sb-107



18

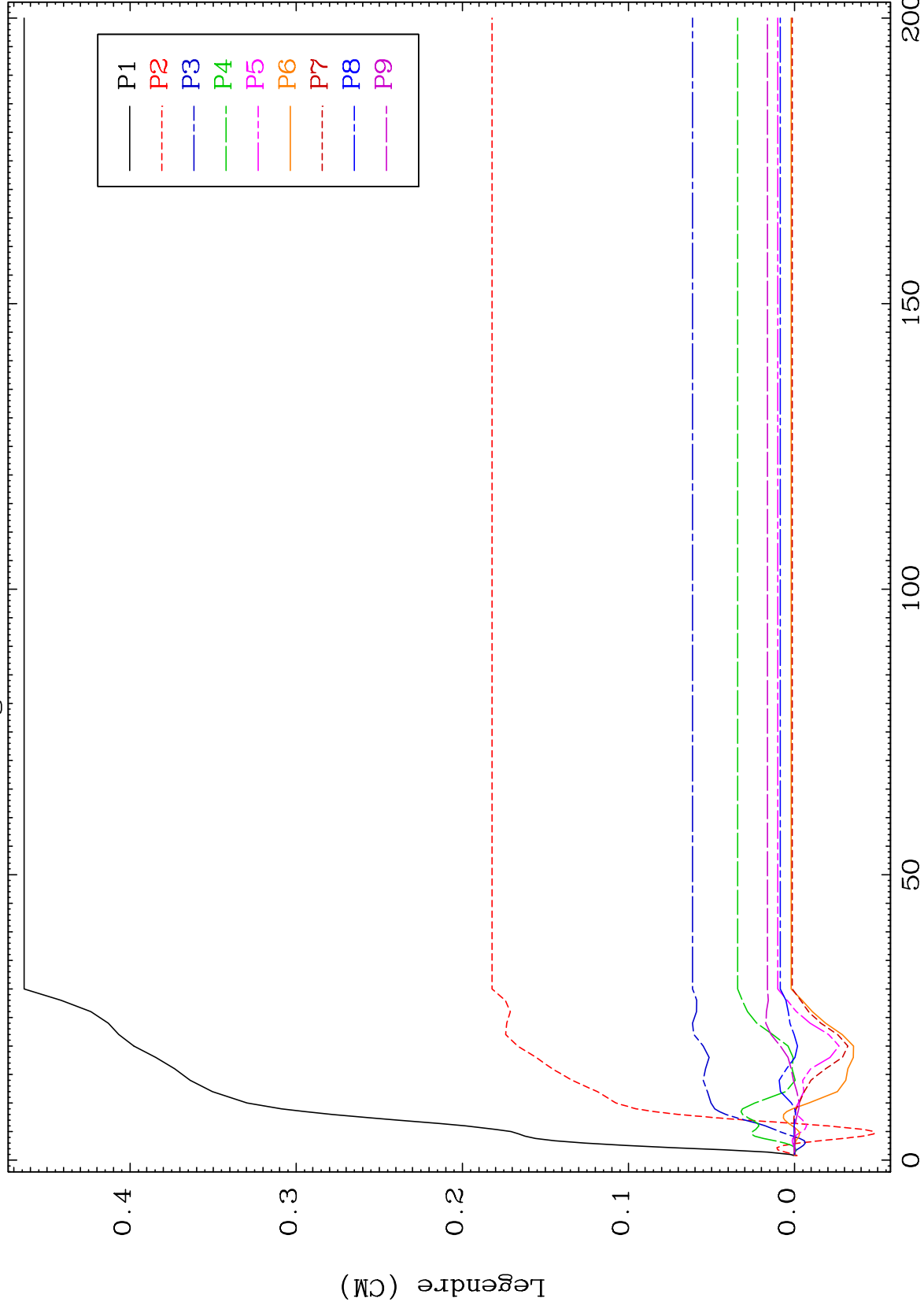
Incident Energy (MeV)

51-Sb-107

MAT 5083

768.6 keV (n,n') Level
Legendre Coefficients

51-Sb-107



51-Sb-107

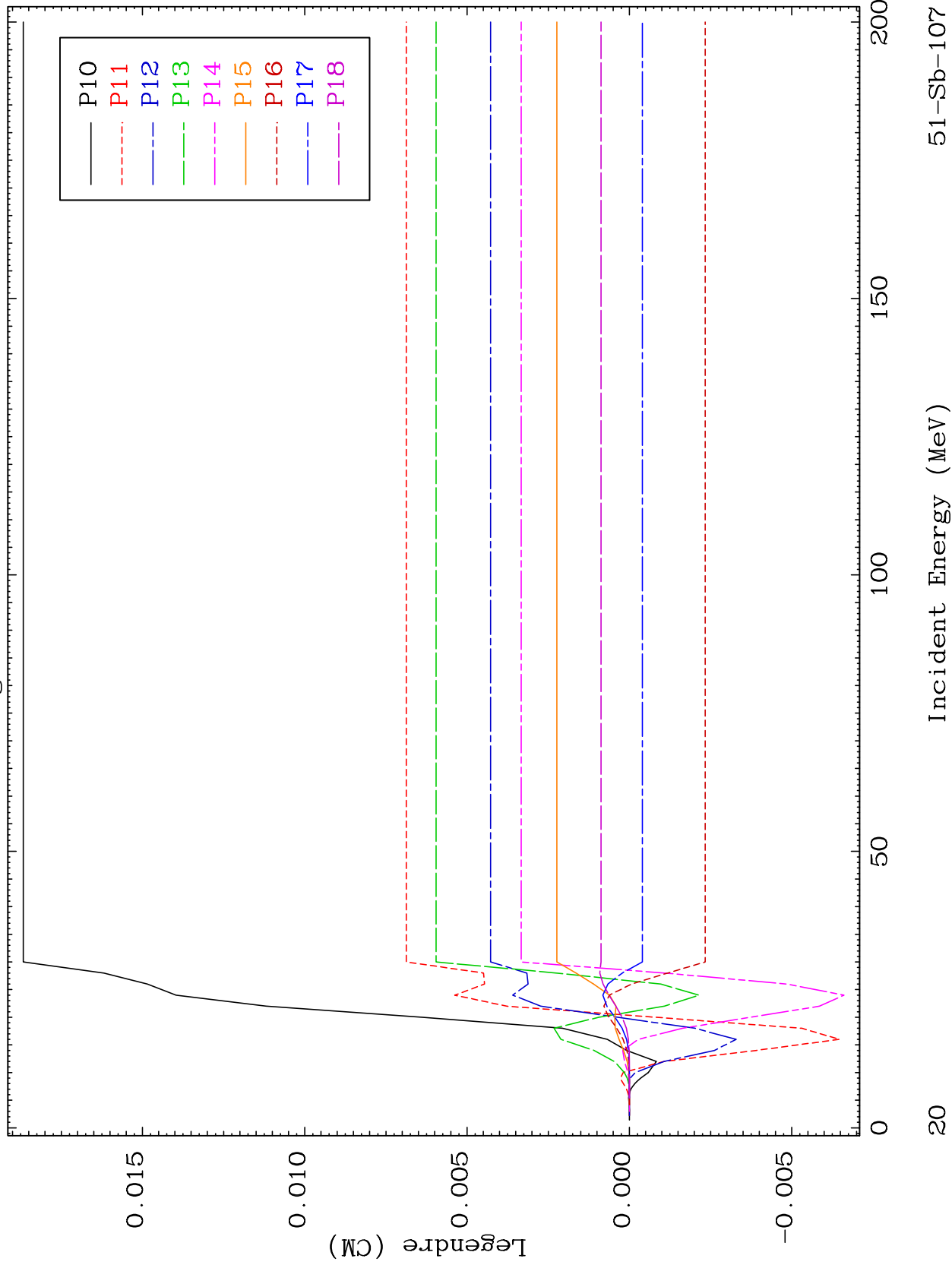
Incident Energy (MeV)

19

MAT 5083

768.6 keV (n,n') Level
Legendre Coefficients

51-Sb-107



51-Sb-107

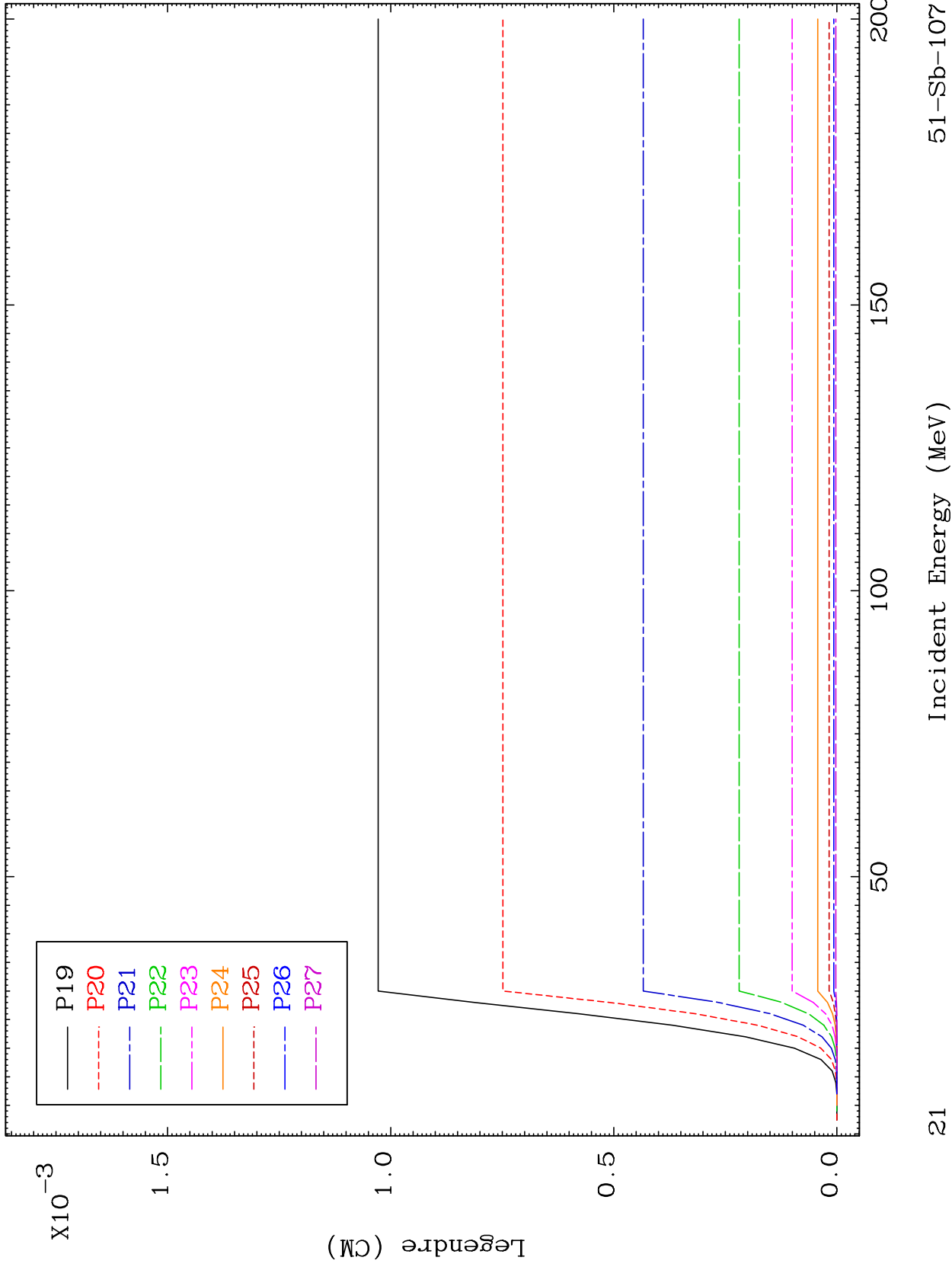
Incident Energy (MeV)

0

MAT 5083

768.6 keV (n,n') Level
Legendre Coefficients

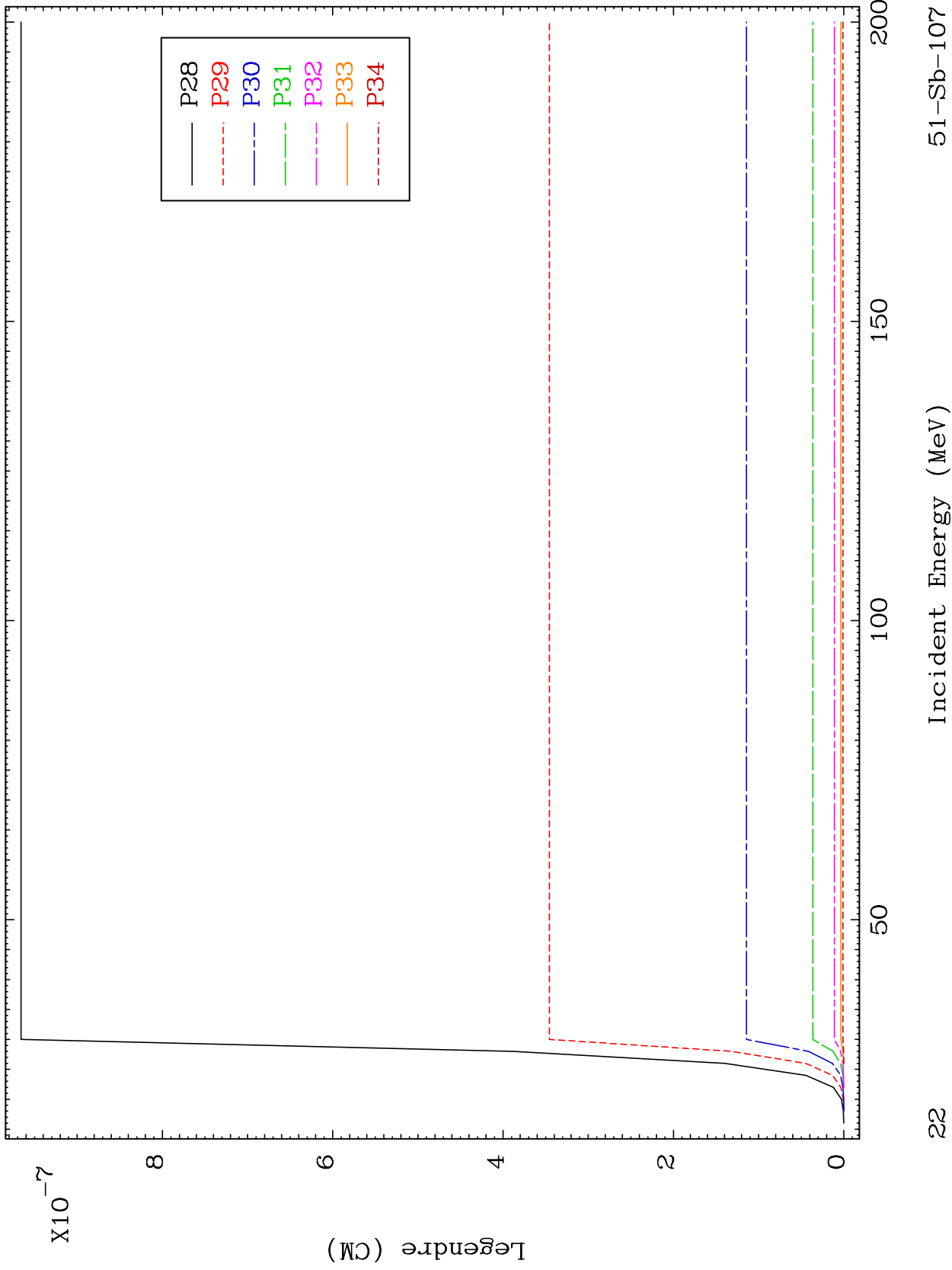
51-Sb-107



MAT 5083

768.6 keV (n,n') Level
Legendre Coefficients

51-Sb-107

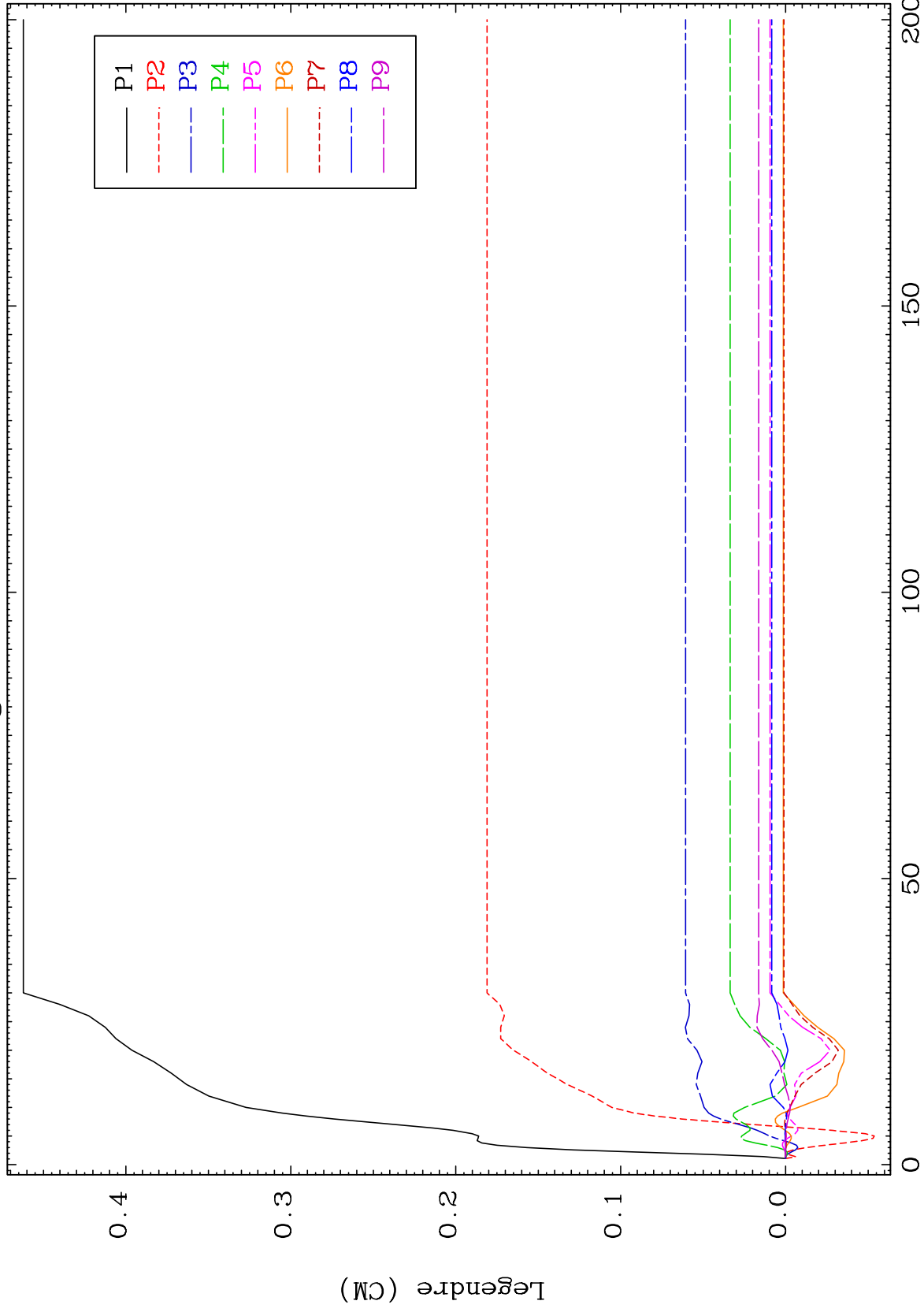


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MAT 5083

1.058 MeV (n,n') Level
Legendre Coefficients

51-Sb-107



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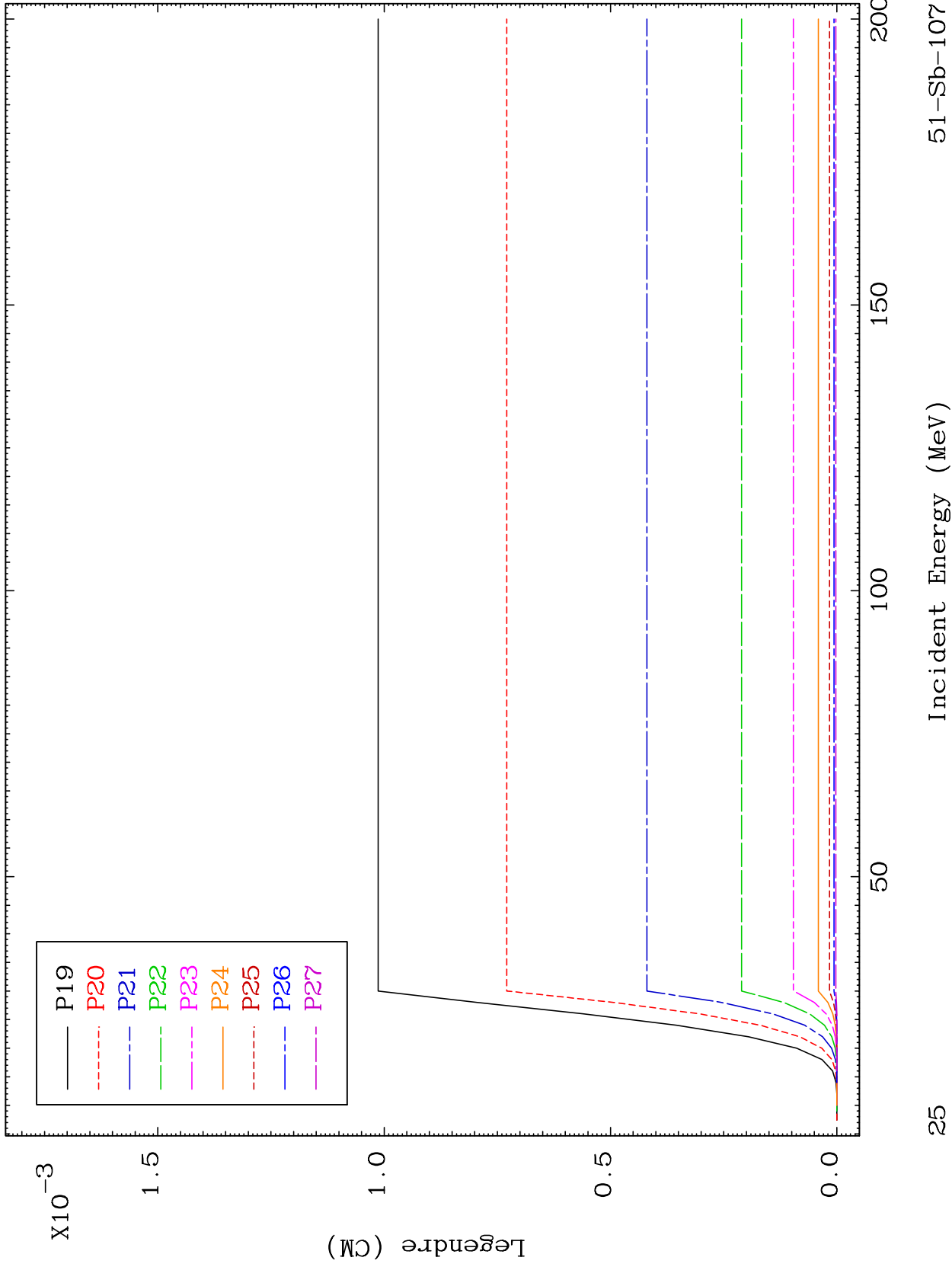
Incident Energy (MeV)

51-Sb-107

MAT 5083

1.058 MeV (n,n') Level
Legendre Coefficients

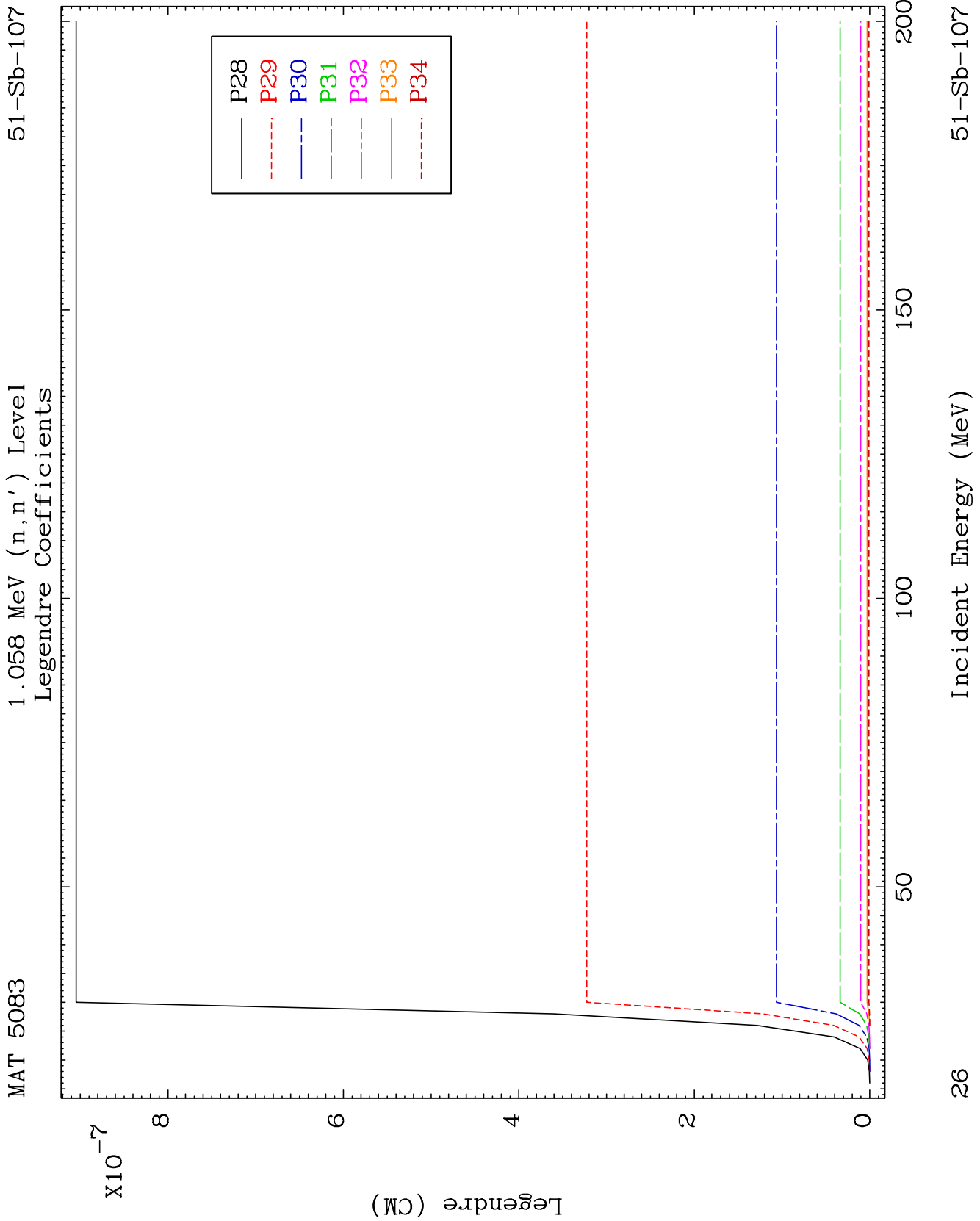
51-Sb-107

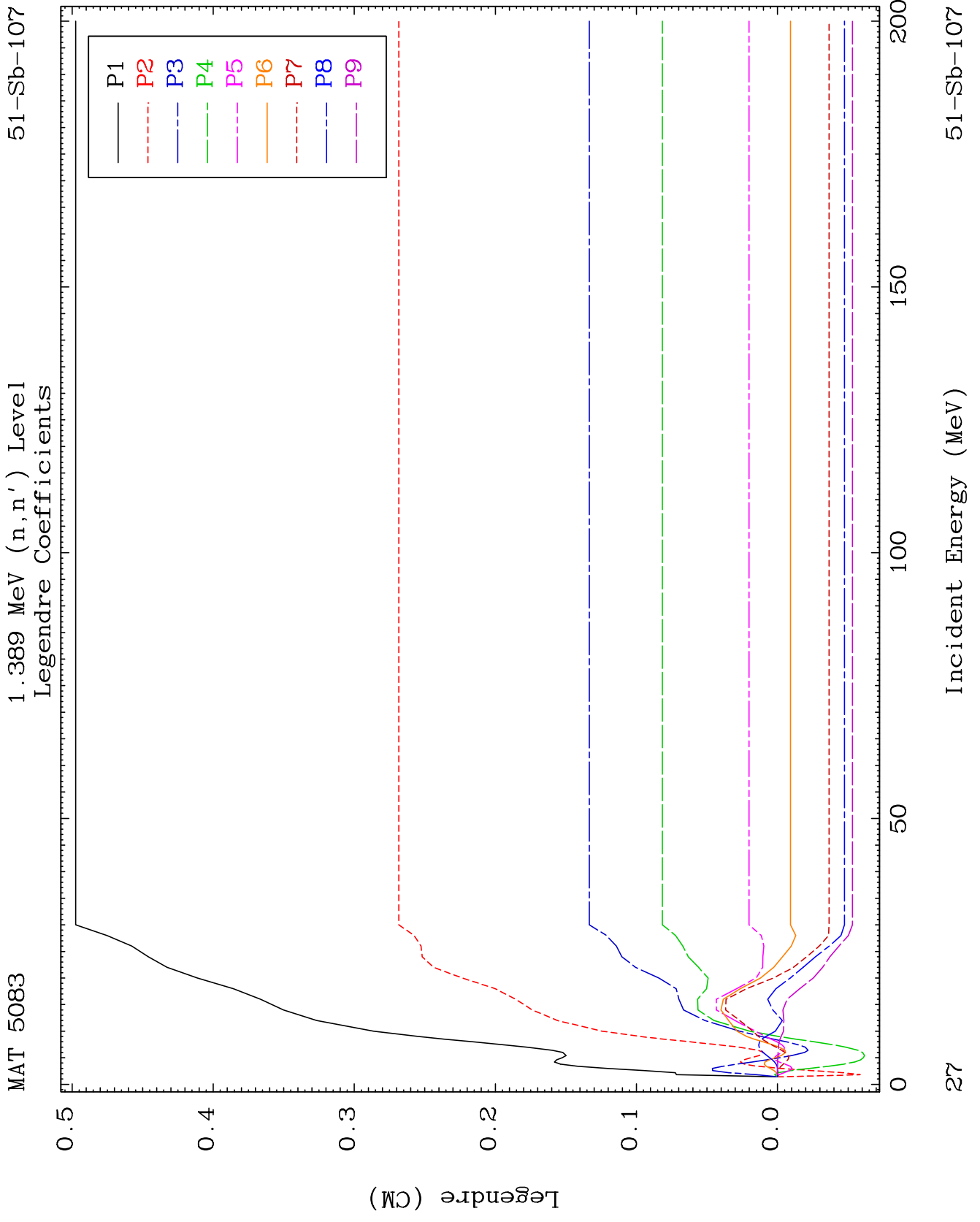


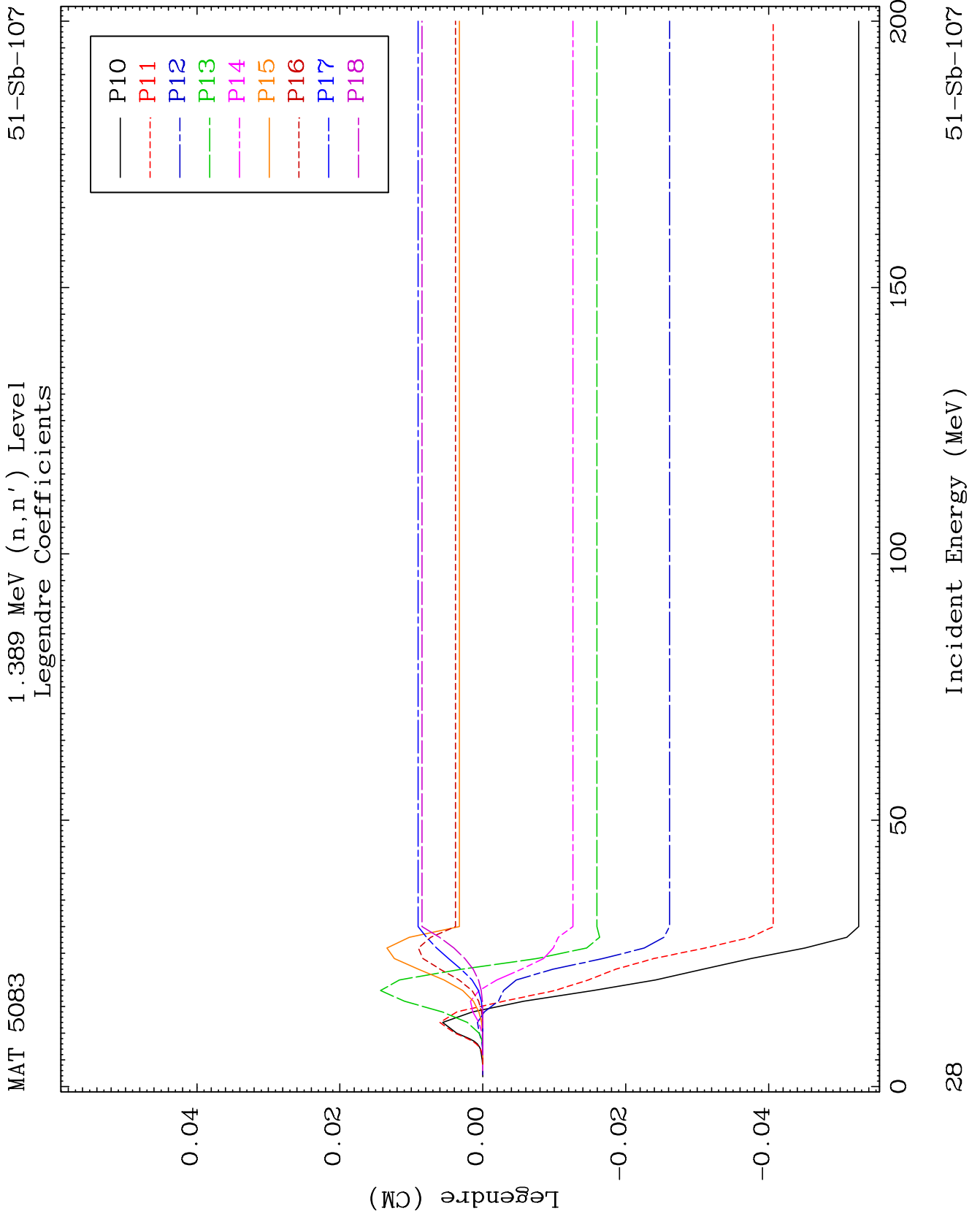
25

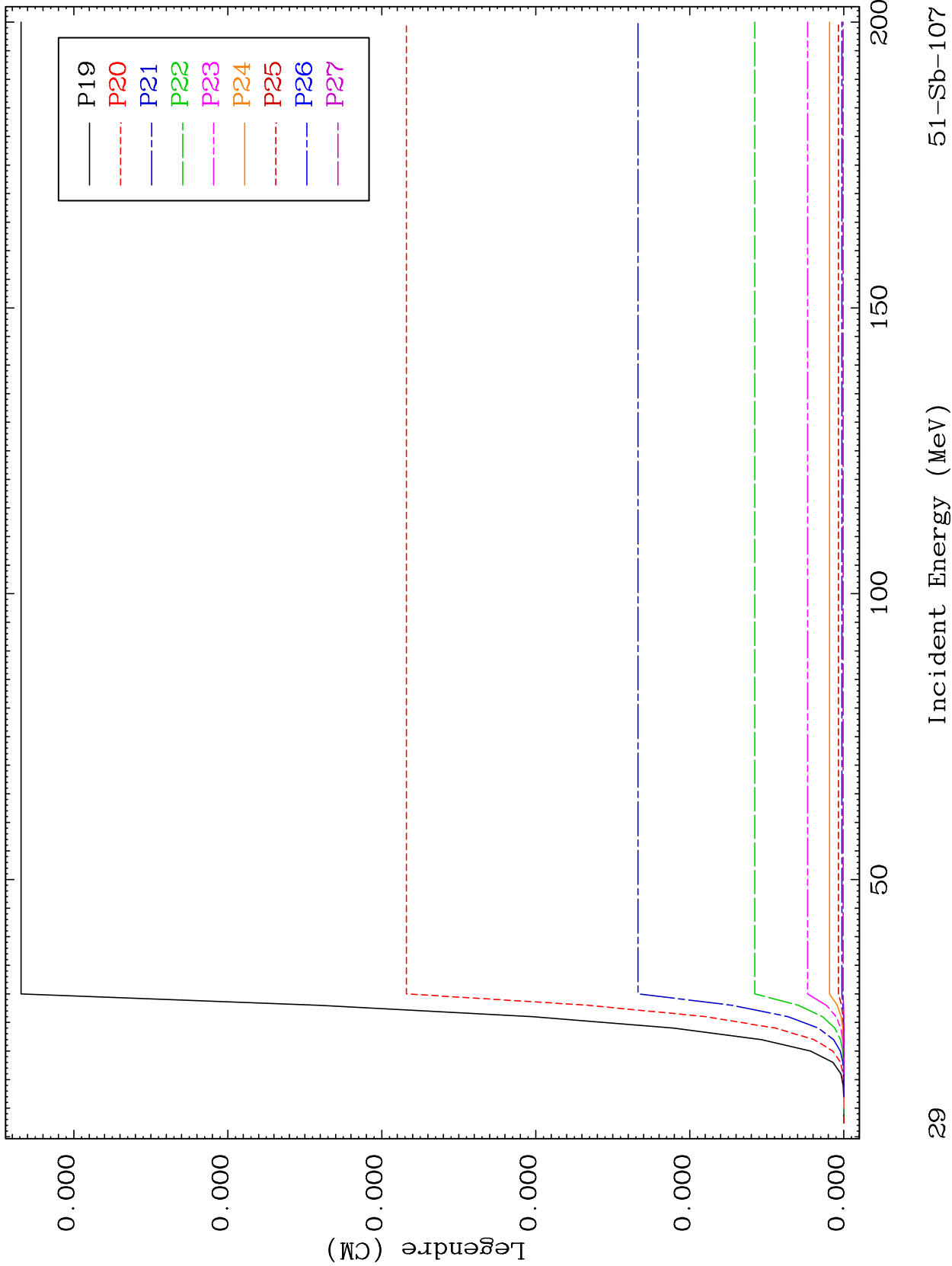
Incident Energy (MeV)

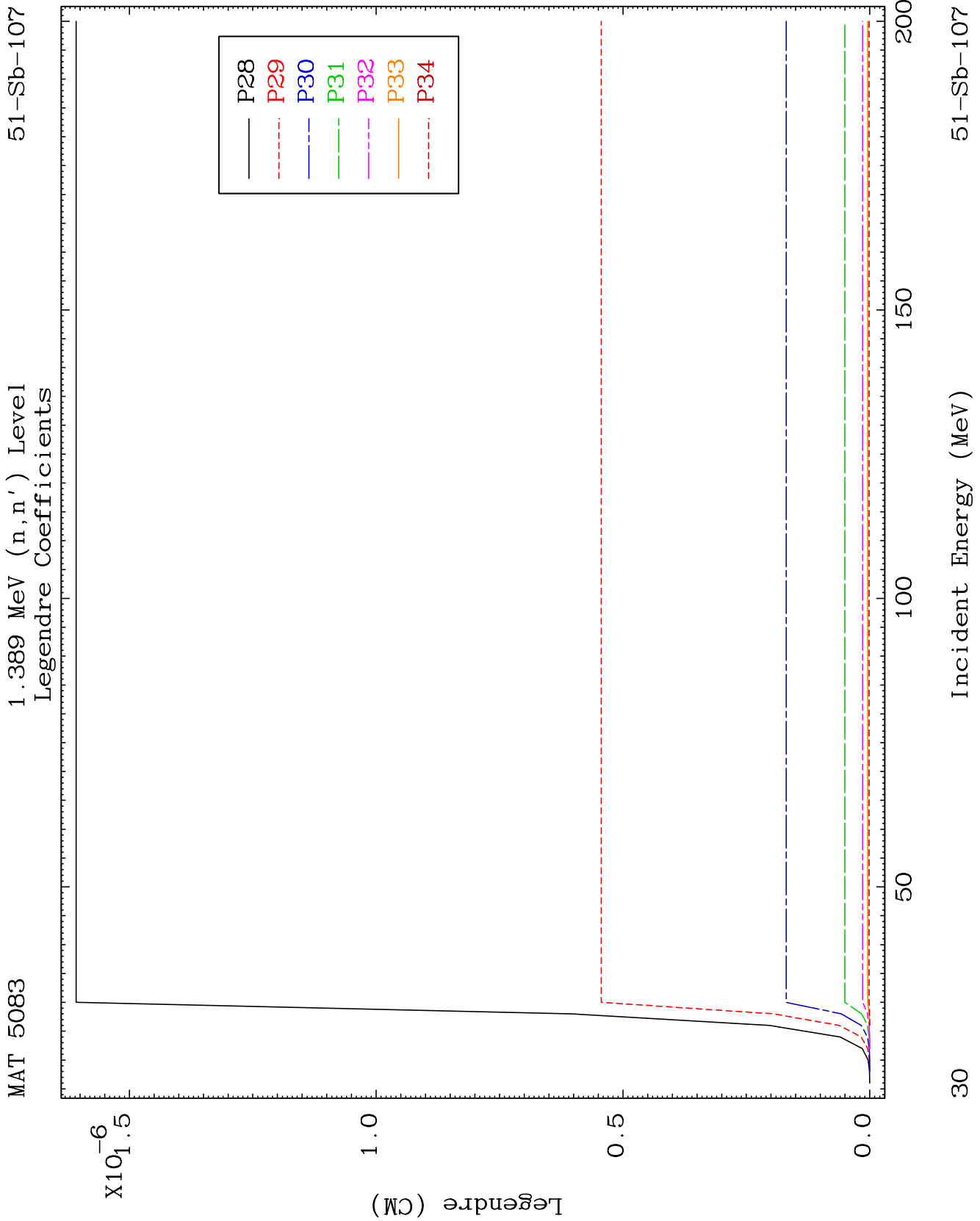
51-Sb-107

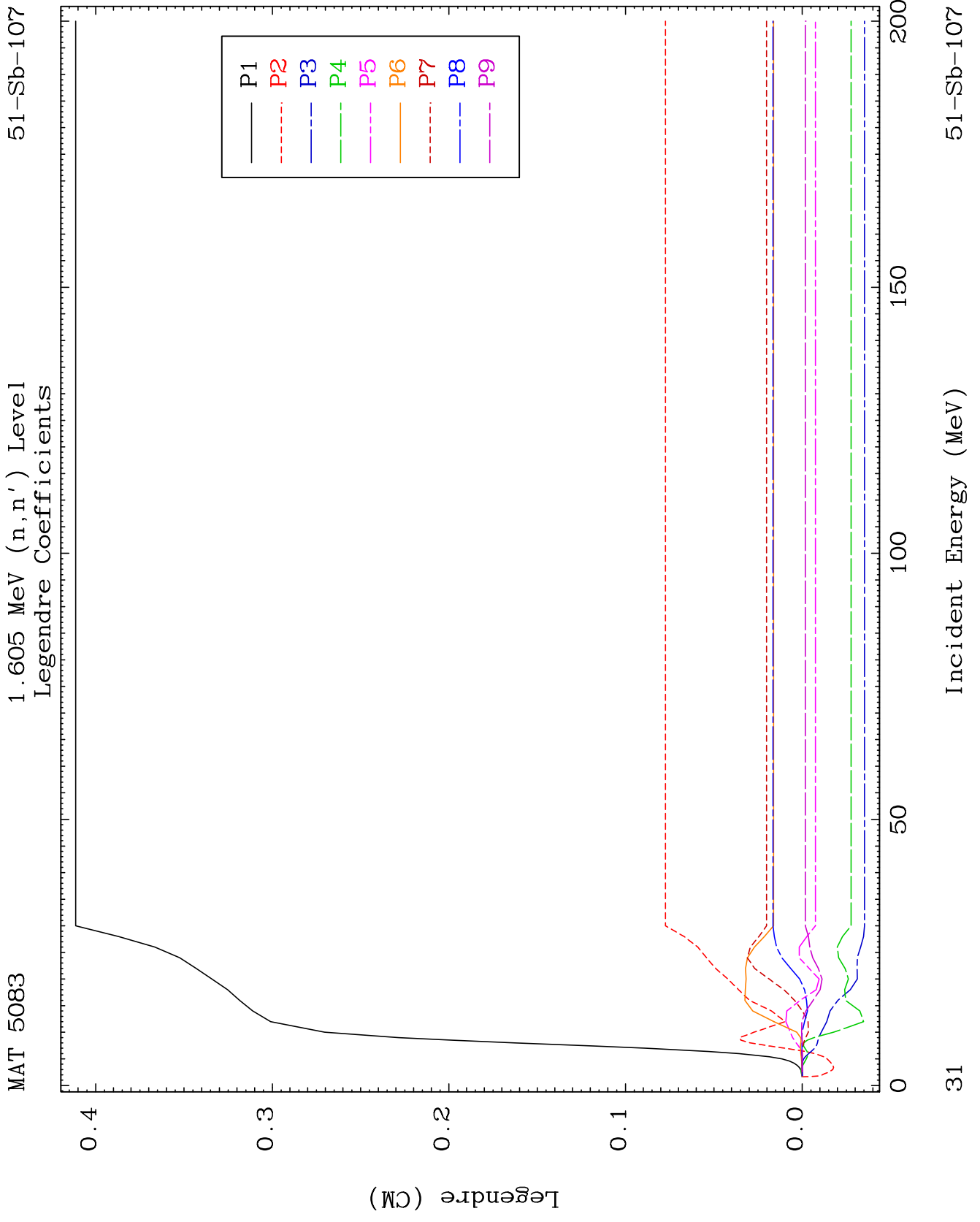


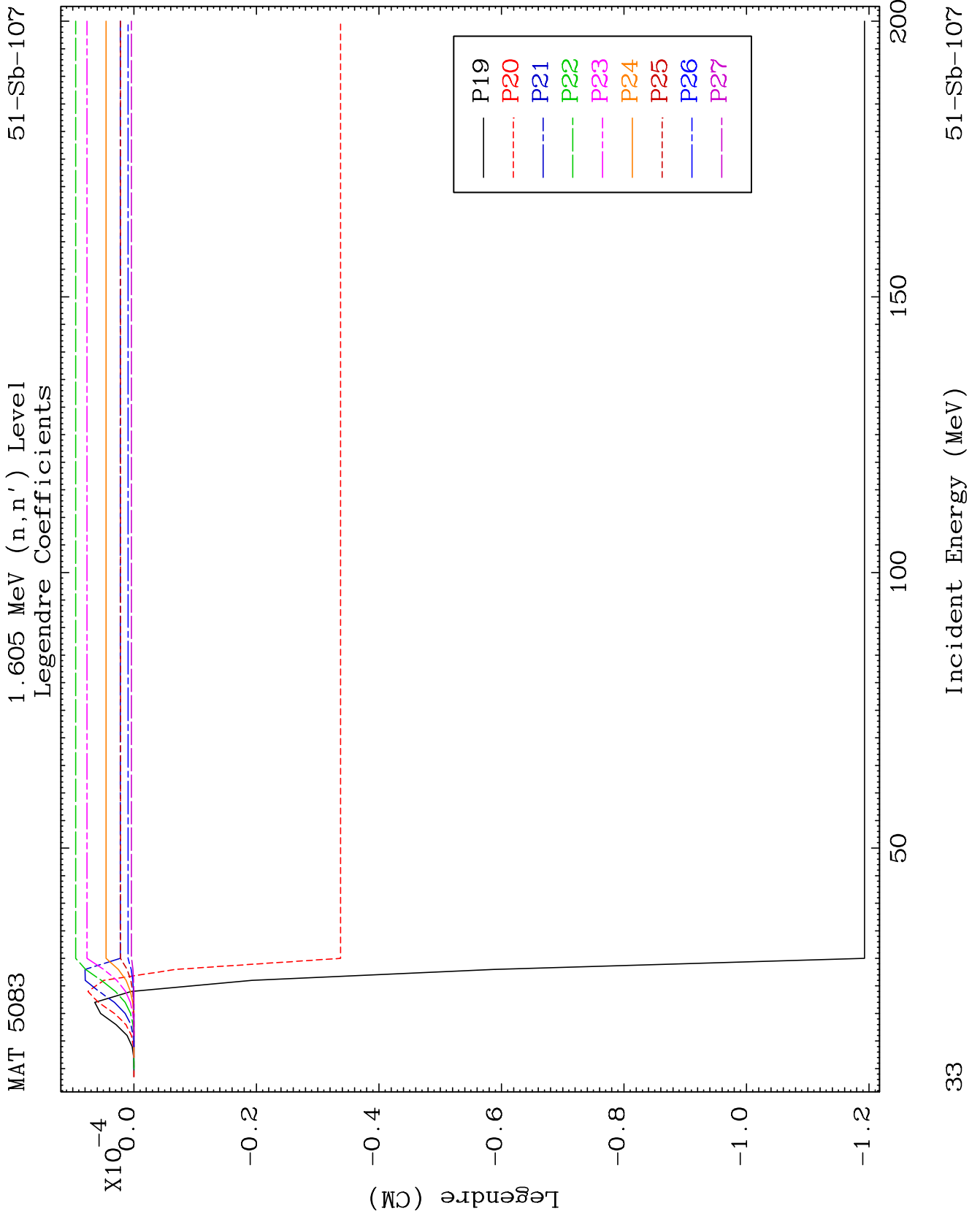


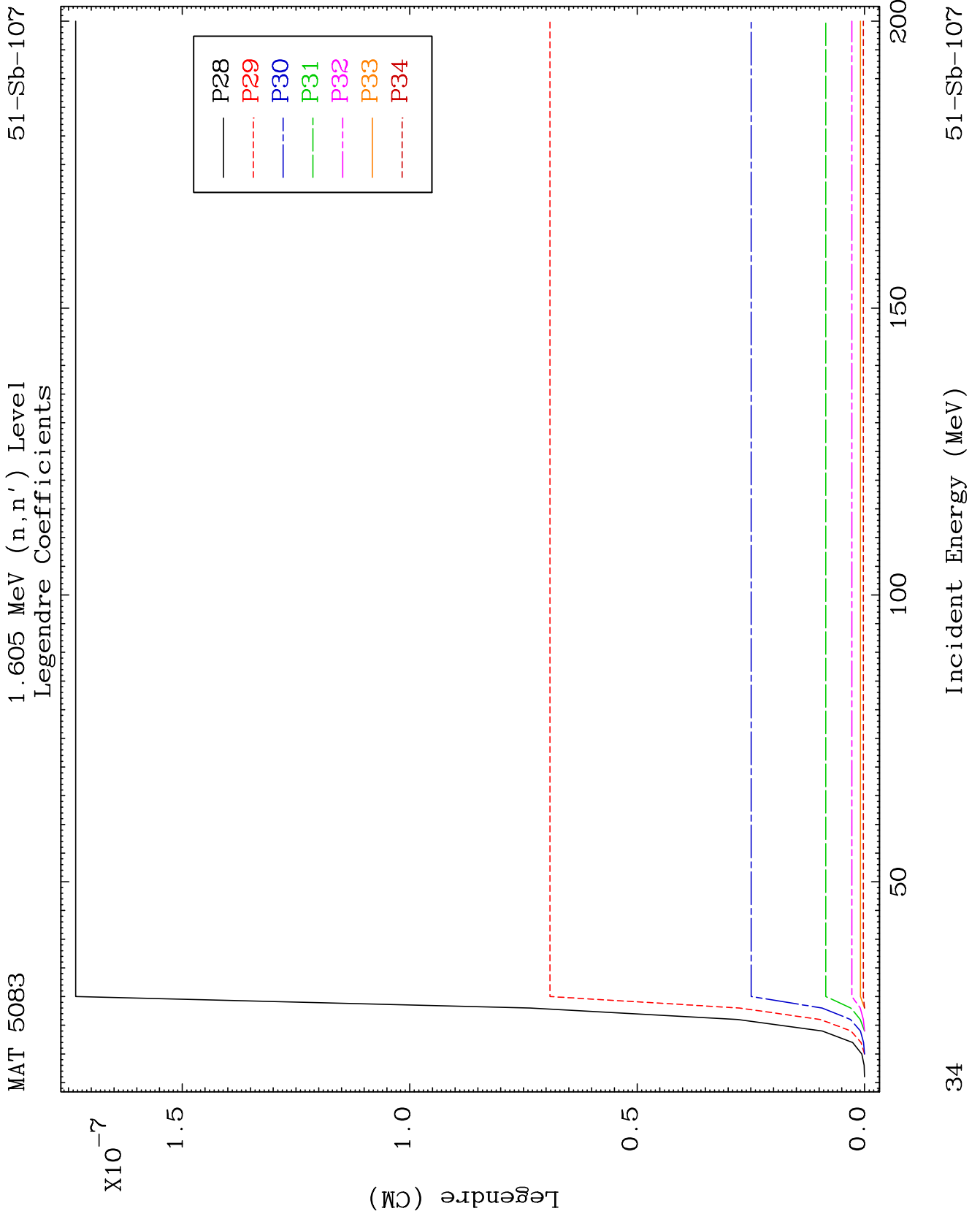








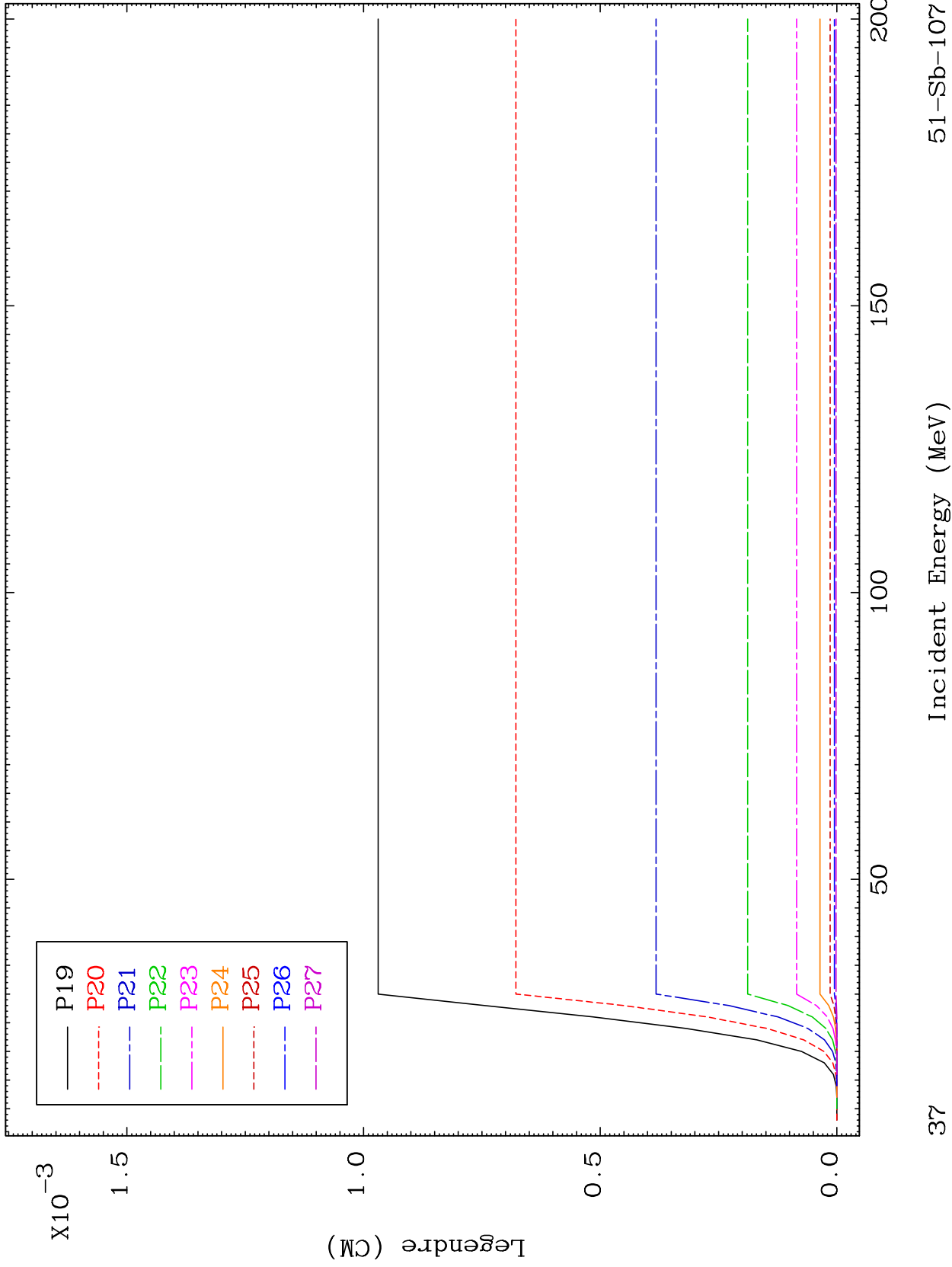




MAT 5083

1.790 MeV (n,n') Level
Legendre Coefficients

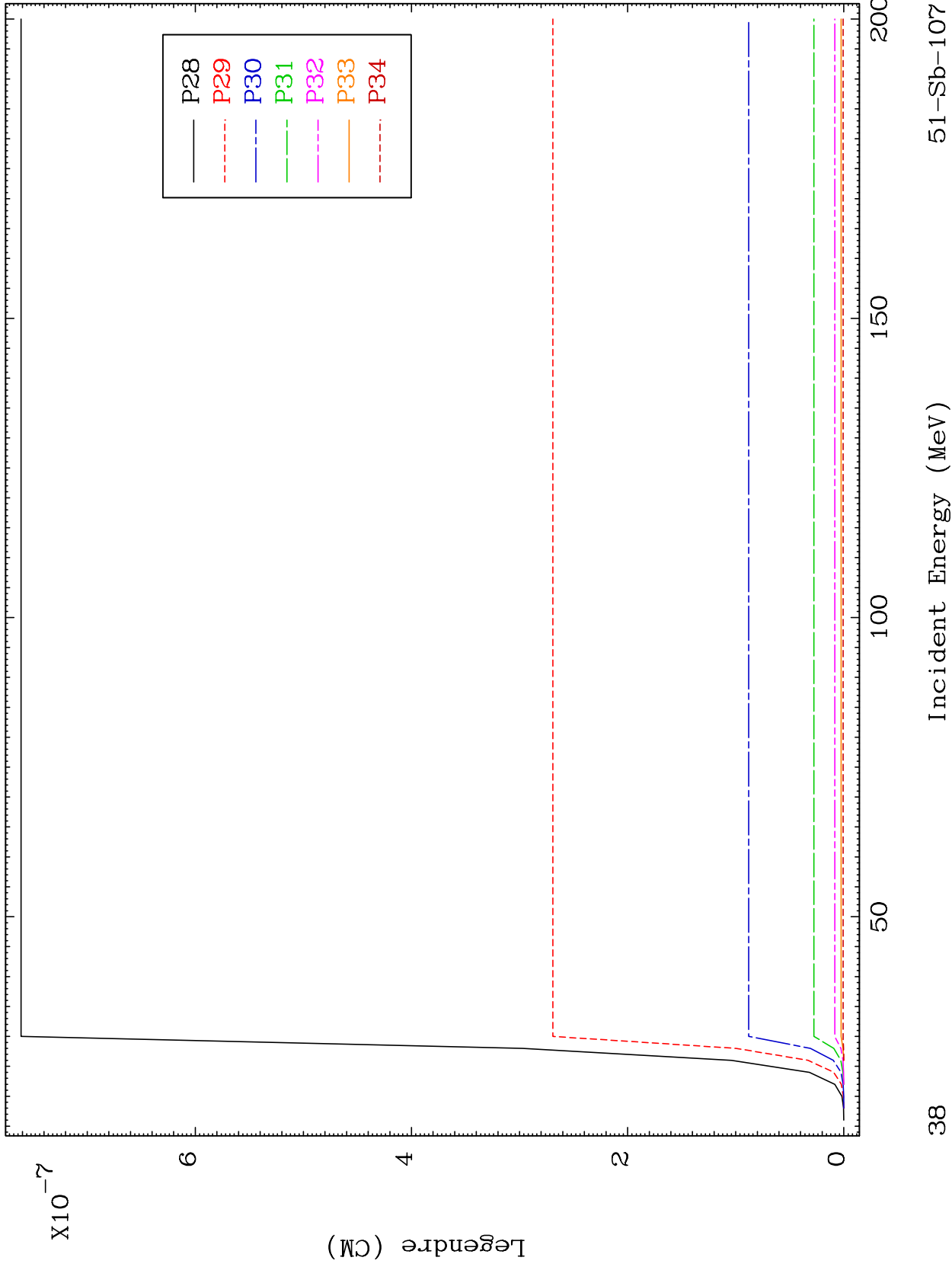
51-Sb-107

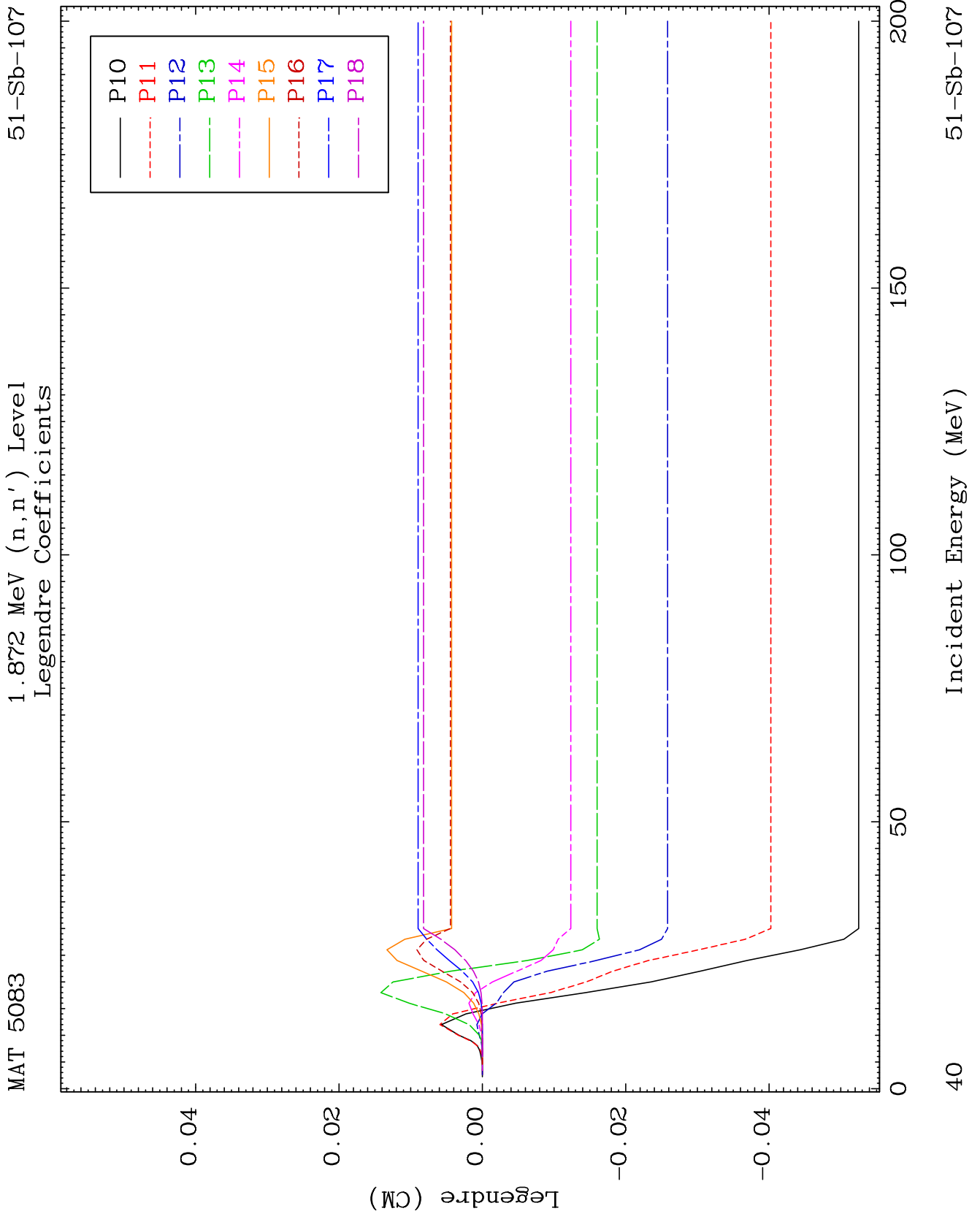


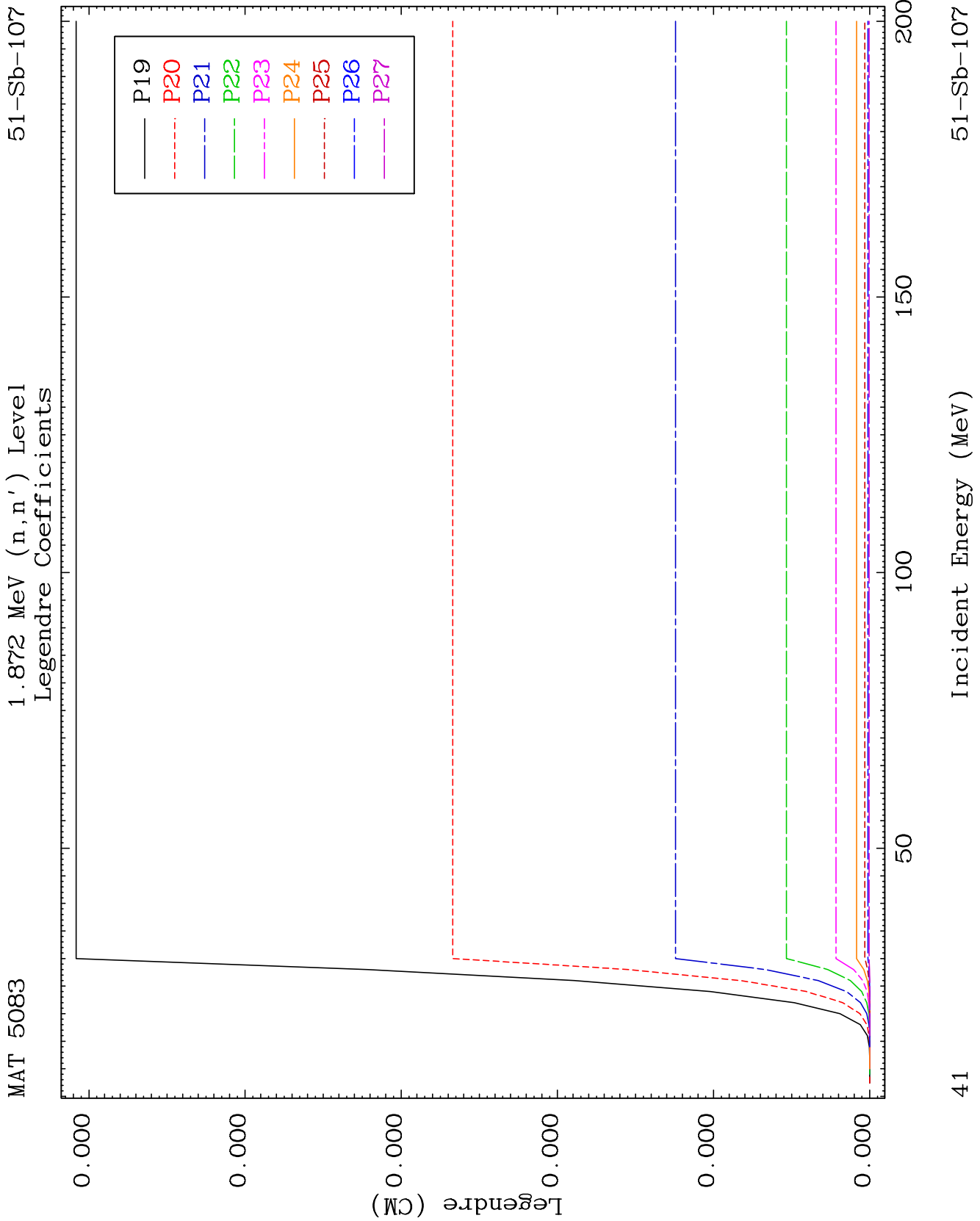
MAT 5083

1.790 MeV (n,n') Level
Legendre Coefficients

51-Sb-107



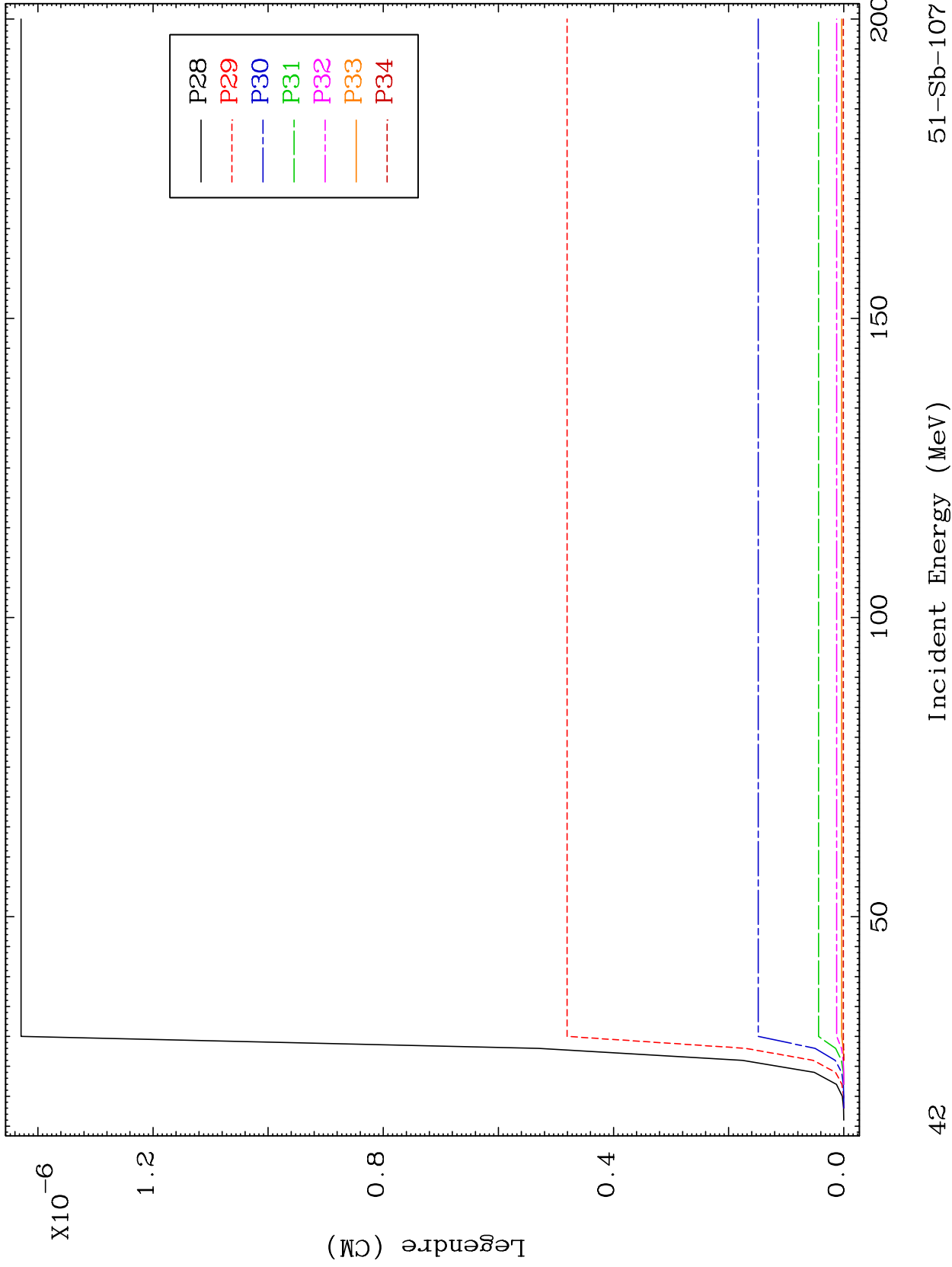




MAT 5083

1.872 MeV (n,n') Level
Legendre Coefficients

51-Sb-107



42

Incident Energy (MeV)

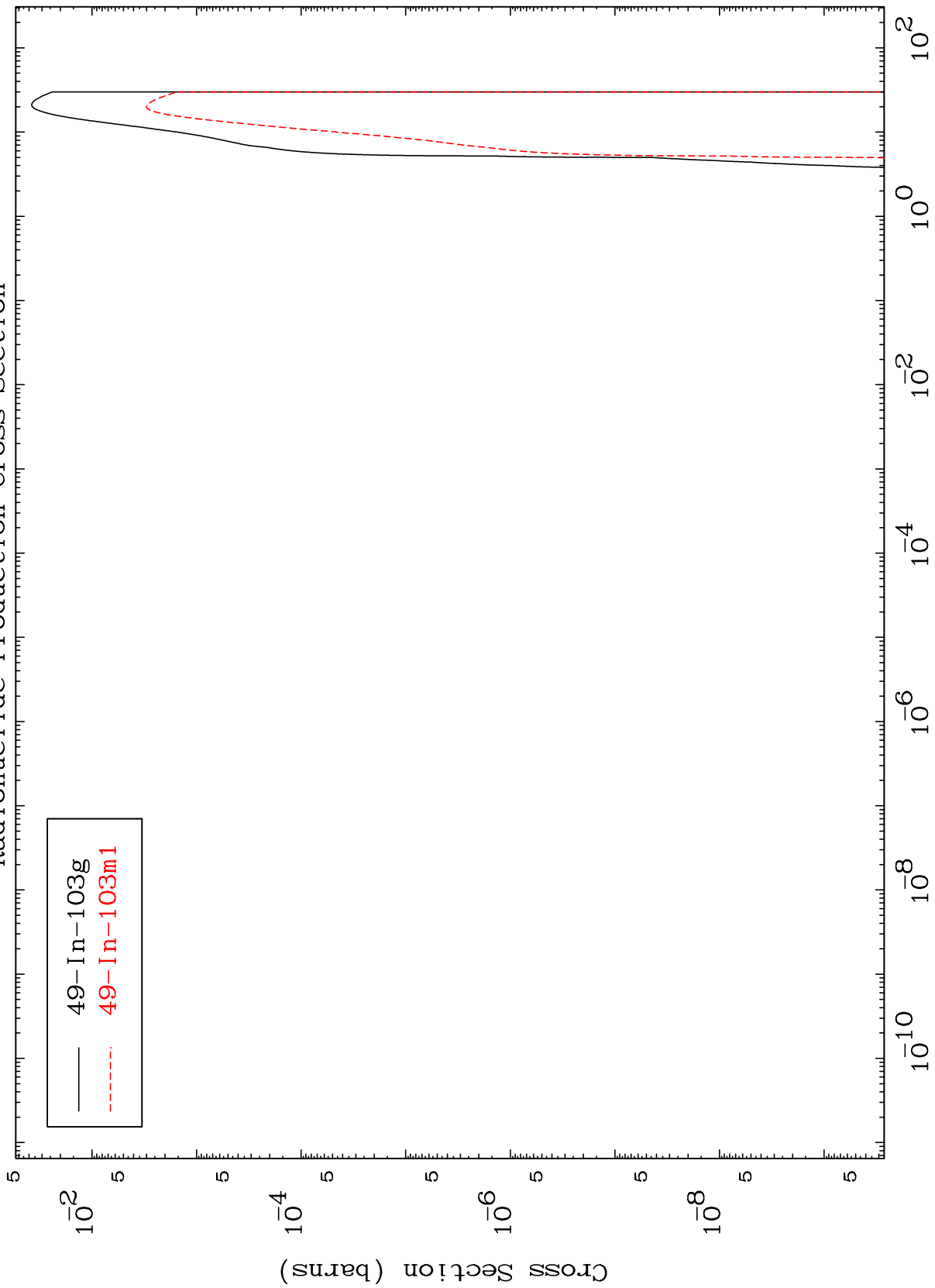
51-Sb-107

MAT 5083

$(n, n') \alpha$

51-Sb-107

Radionuclide Production Cross Section

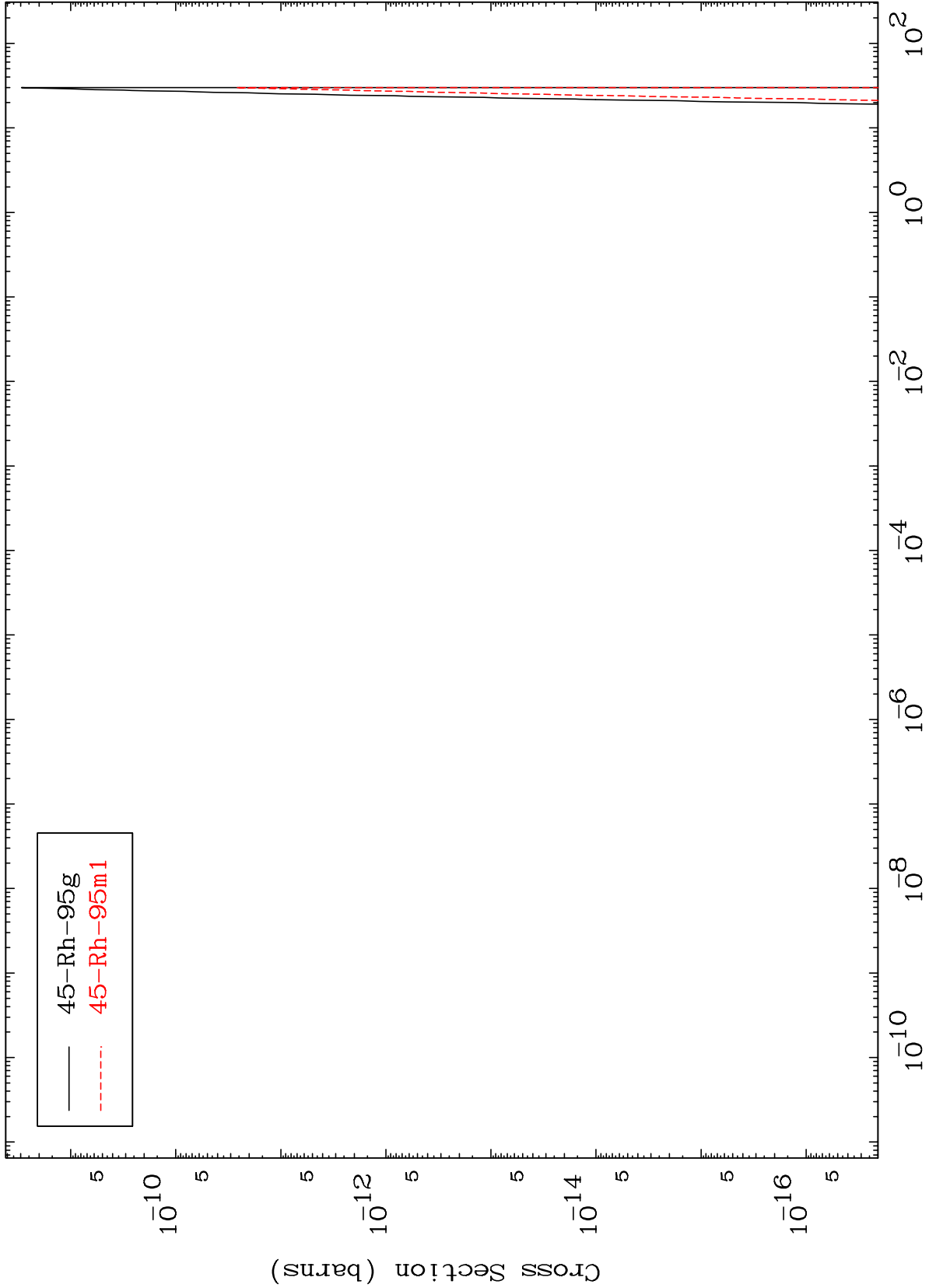


MAT 5083

(n,n') 3 α

51-Sb-107

Radionuclide Production Cross Section

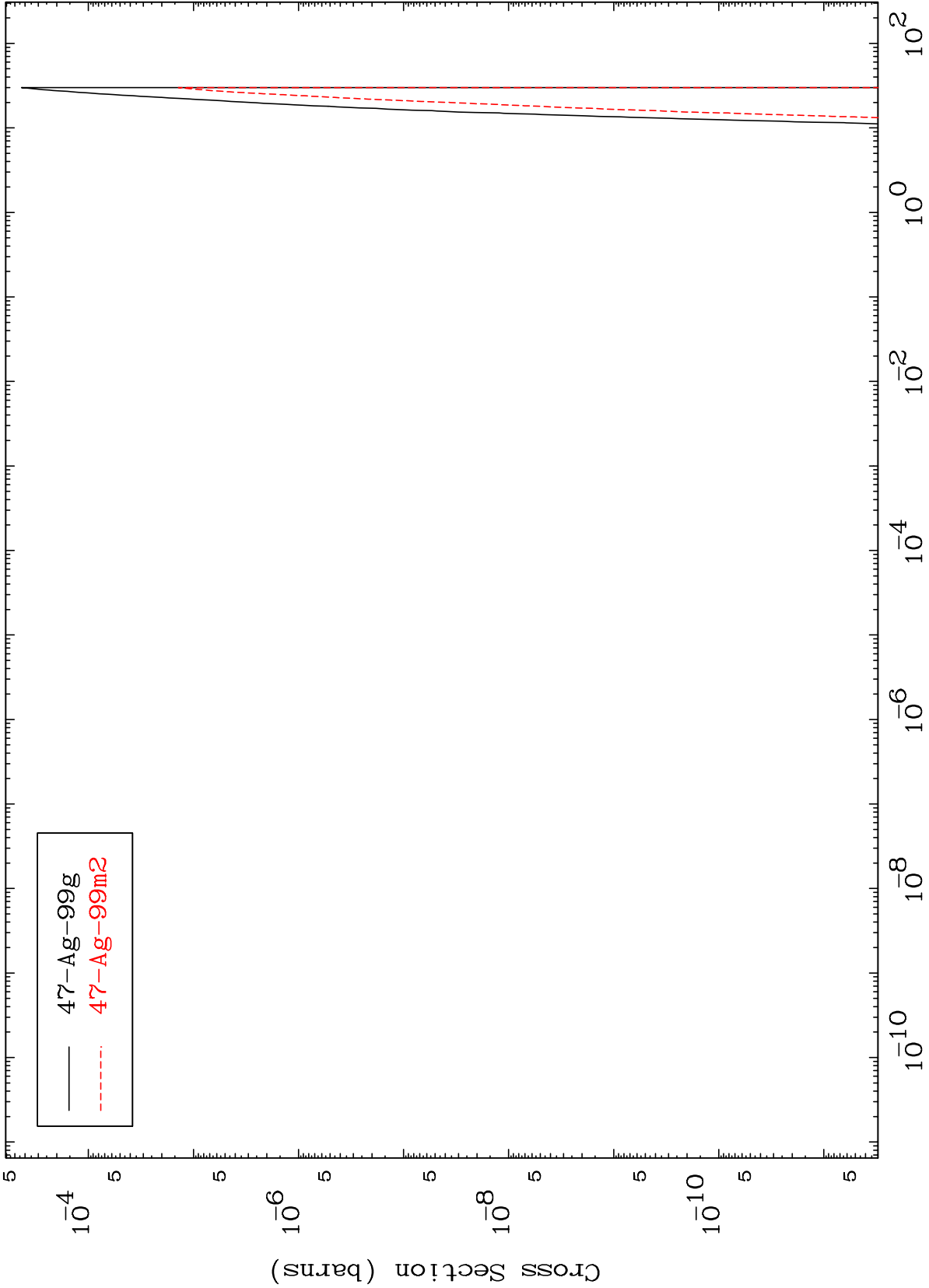


MAT 5083

(n,n') 2 α

51-Sb-107

Radionuclide Production Cross Section



— 47-Ag-99g
- - - 47-Ag-99m2

45

Incident Energy (MeV)

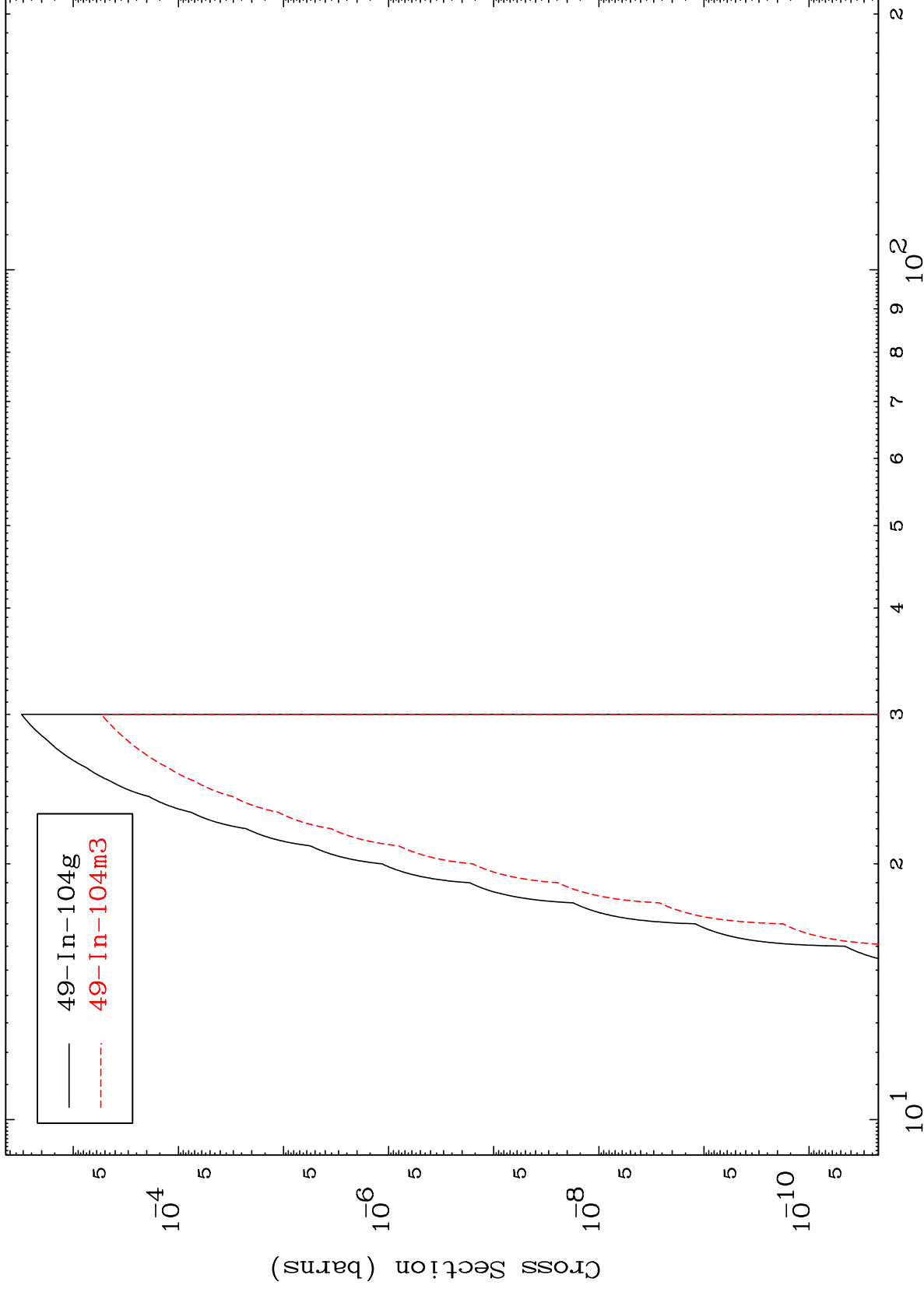
51-Sb-107

MAT 5083

(n,n') He-3

51-Sb-107

Radionuclide Production Cross Section



46

Incident Energy (MeV)

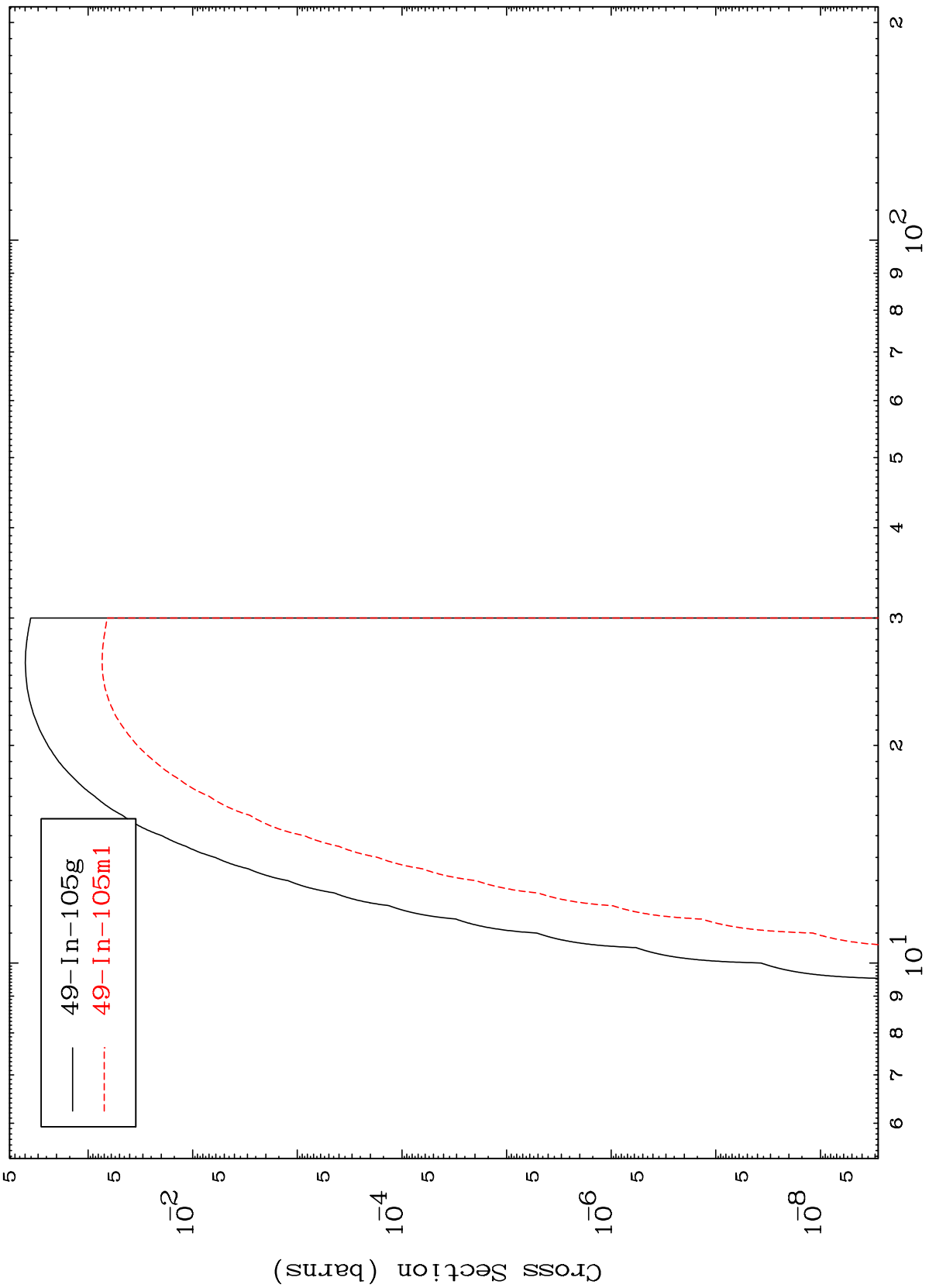
51-Sb-107

MAT 5083

(n,2n) p

51-Sb-107

Radionuclide Production Cross Section



— 49-In-105g
- - - 49-In-105m1

47

Incident Energy (MeV)

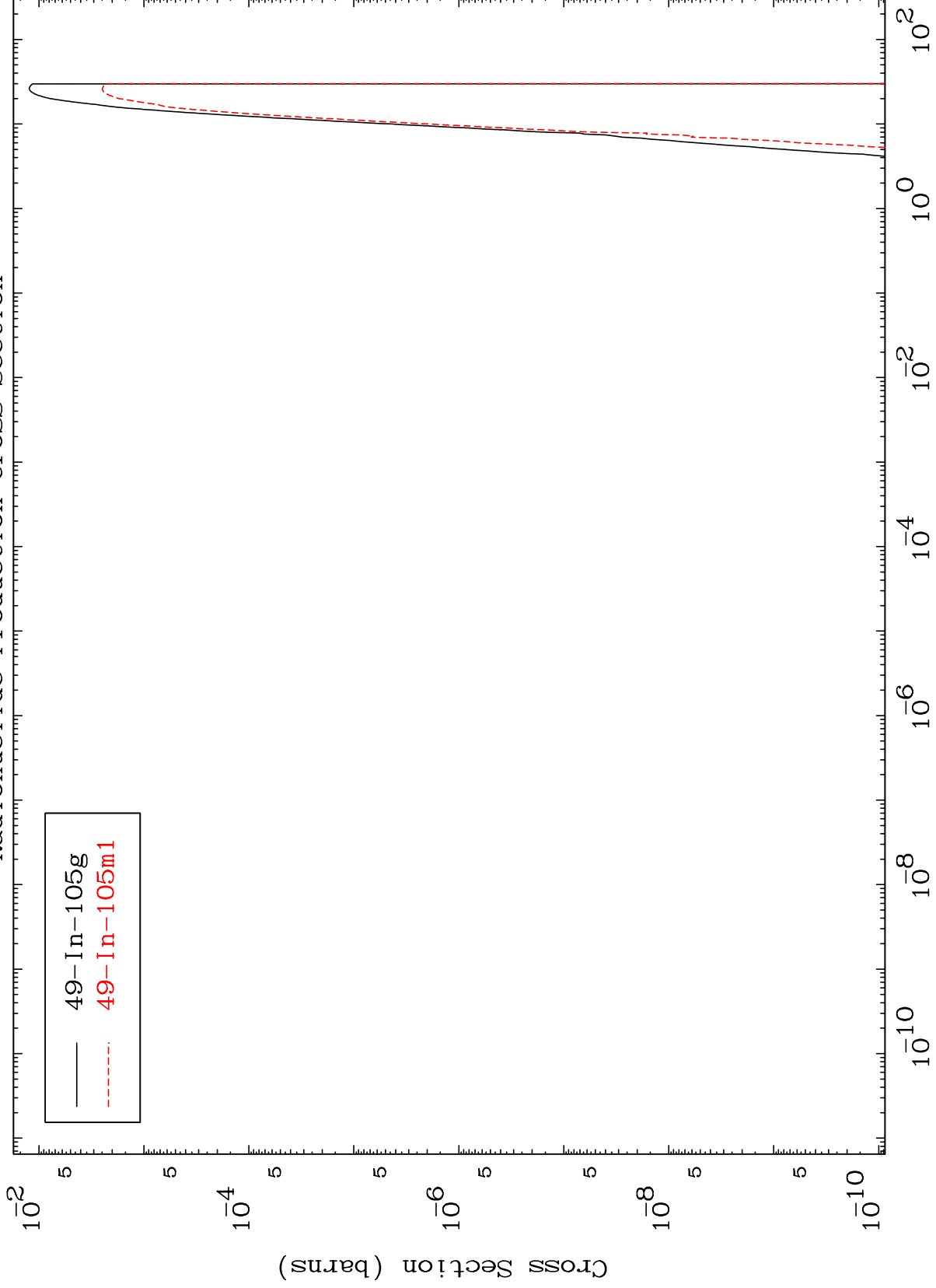
51-Sb-107

MAT 5083

(n,He-3)

51-Sb-107

Radionuclide Production Cross Section



— 49-In-105g
- - - 49-In-105m1

48

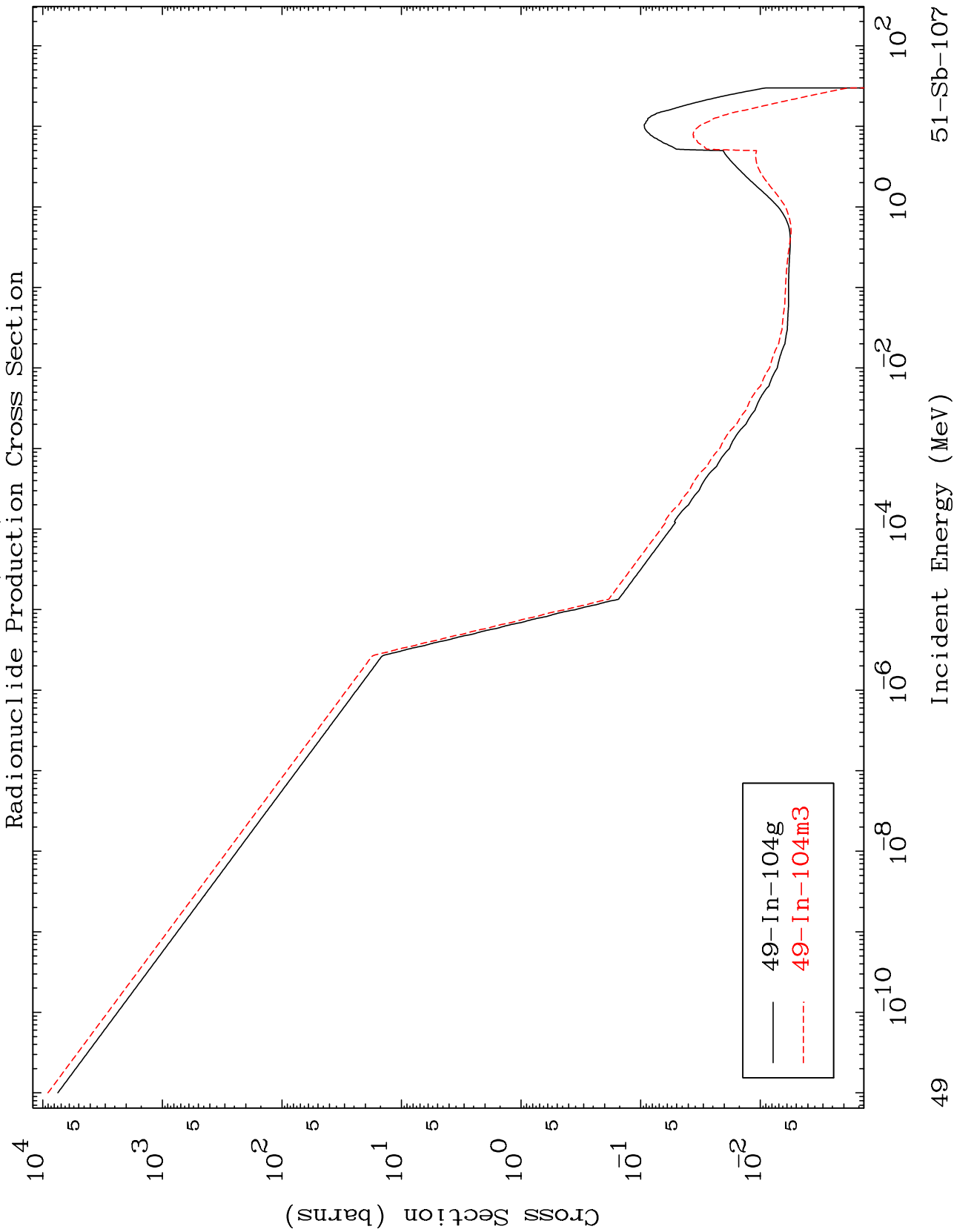
Incident Energy (MeV)

51-Sb-107

MAT 5083

51-Sb-107

(n, α)
Radionuclide Production Cross Section



MAT 5083

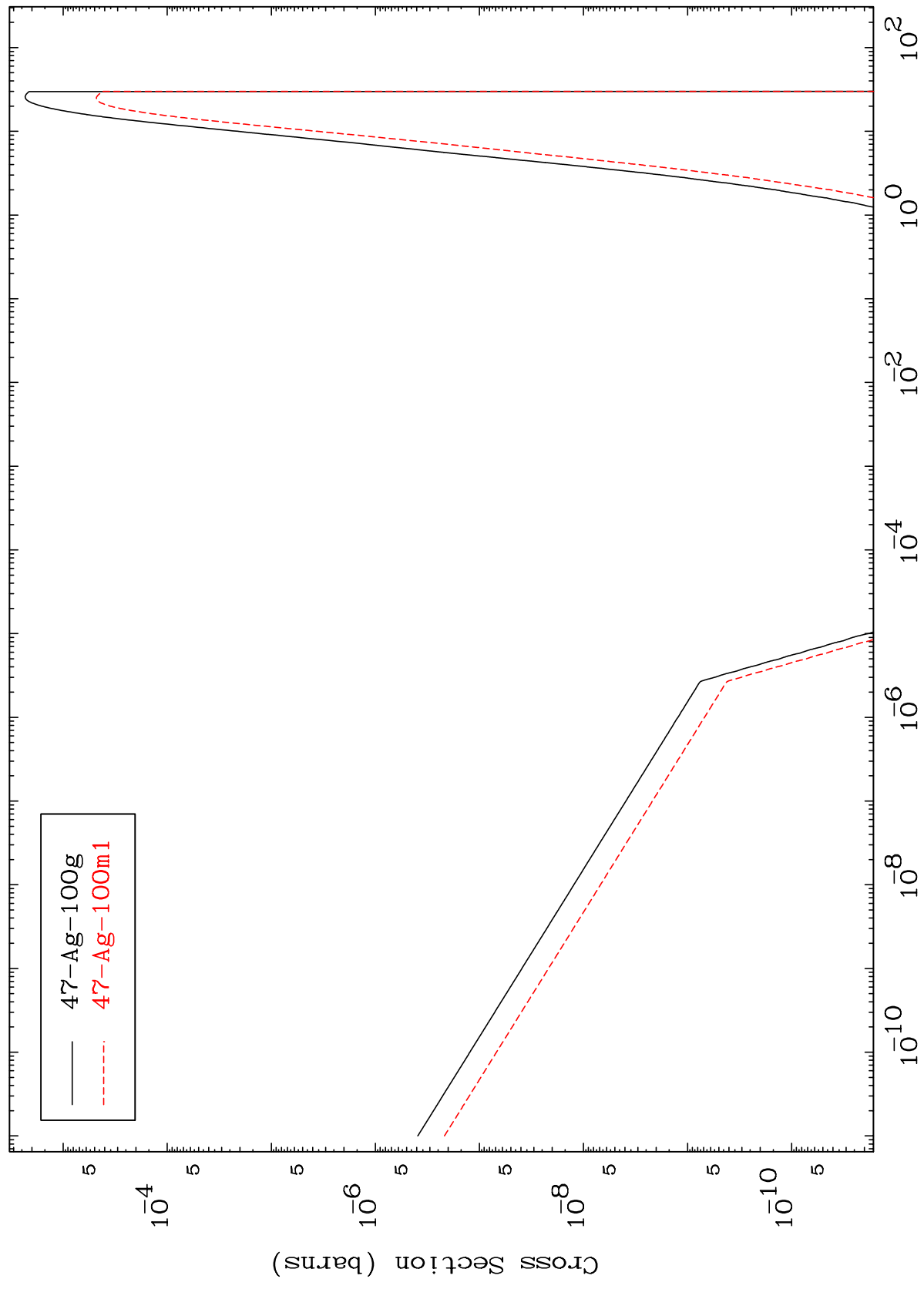
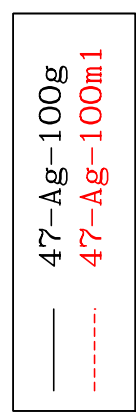
51-Sb-107

51-Sb-107

Incident Energy (MeV)

50

Radionuclide Production Cross Section
(n,2α)

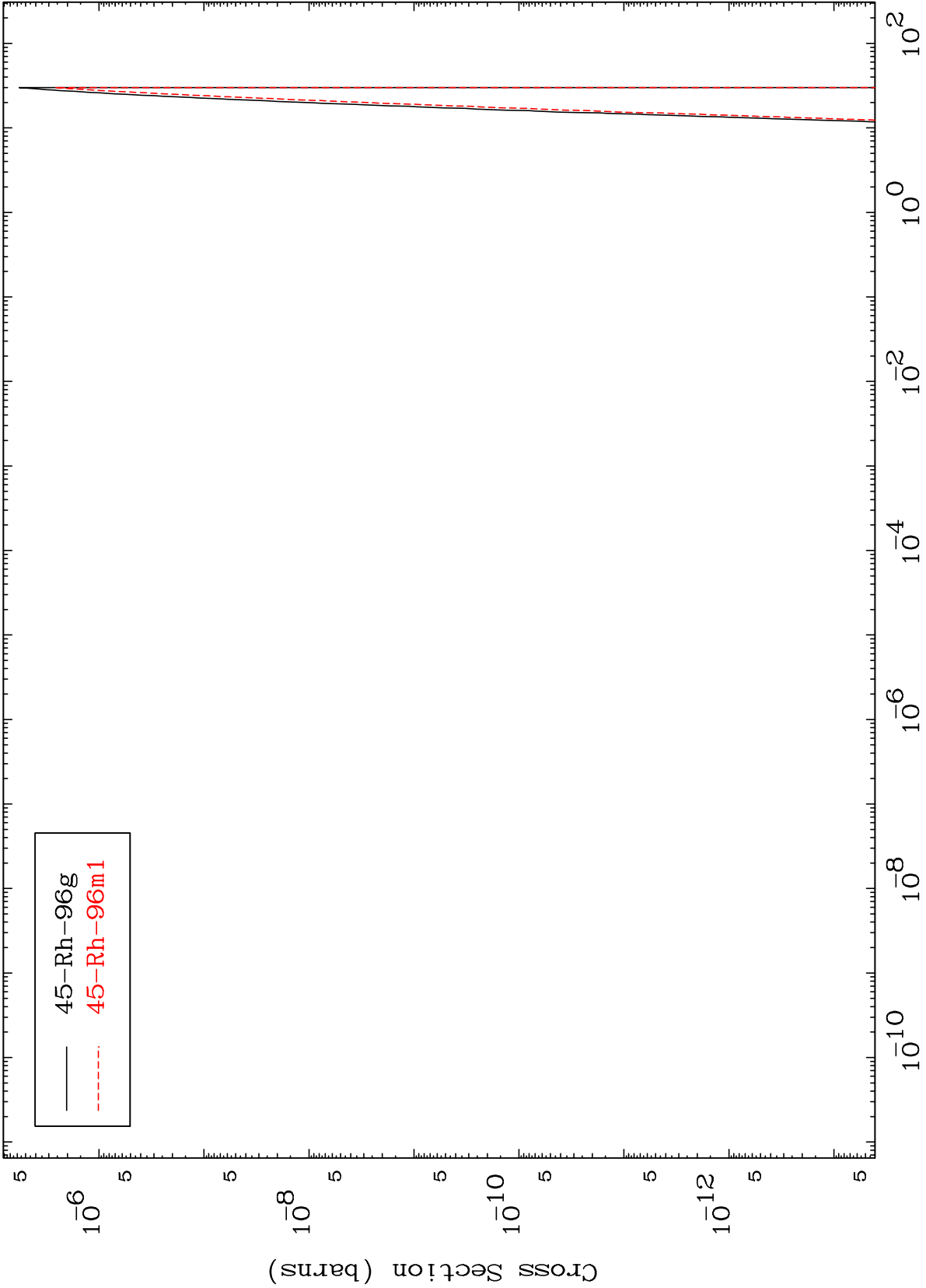


MAT 5083

(n,3 α)

51-Sb-107

Radionuclide Production Cross Section



51

Incident Energy (MeV)

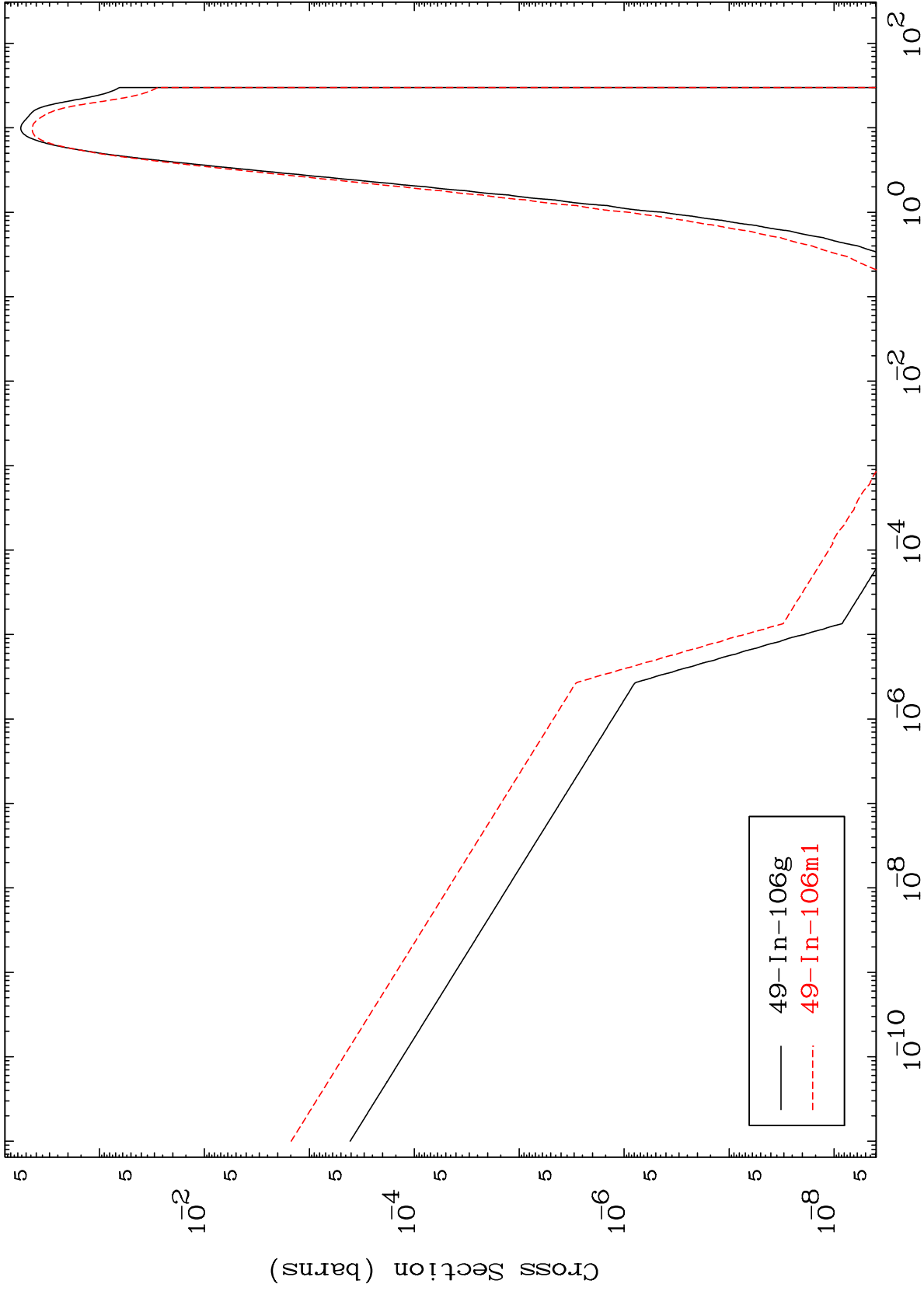
51-Sb-107

MAT 5083

(n,2p)

51-Sb-107

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-107

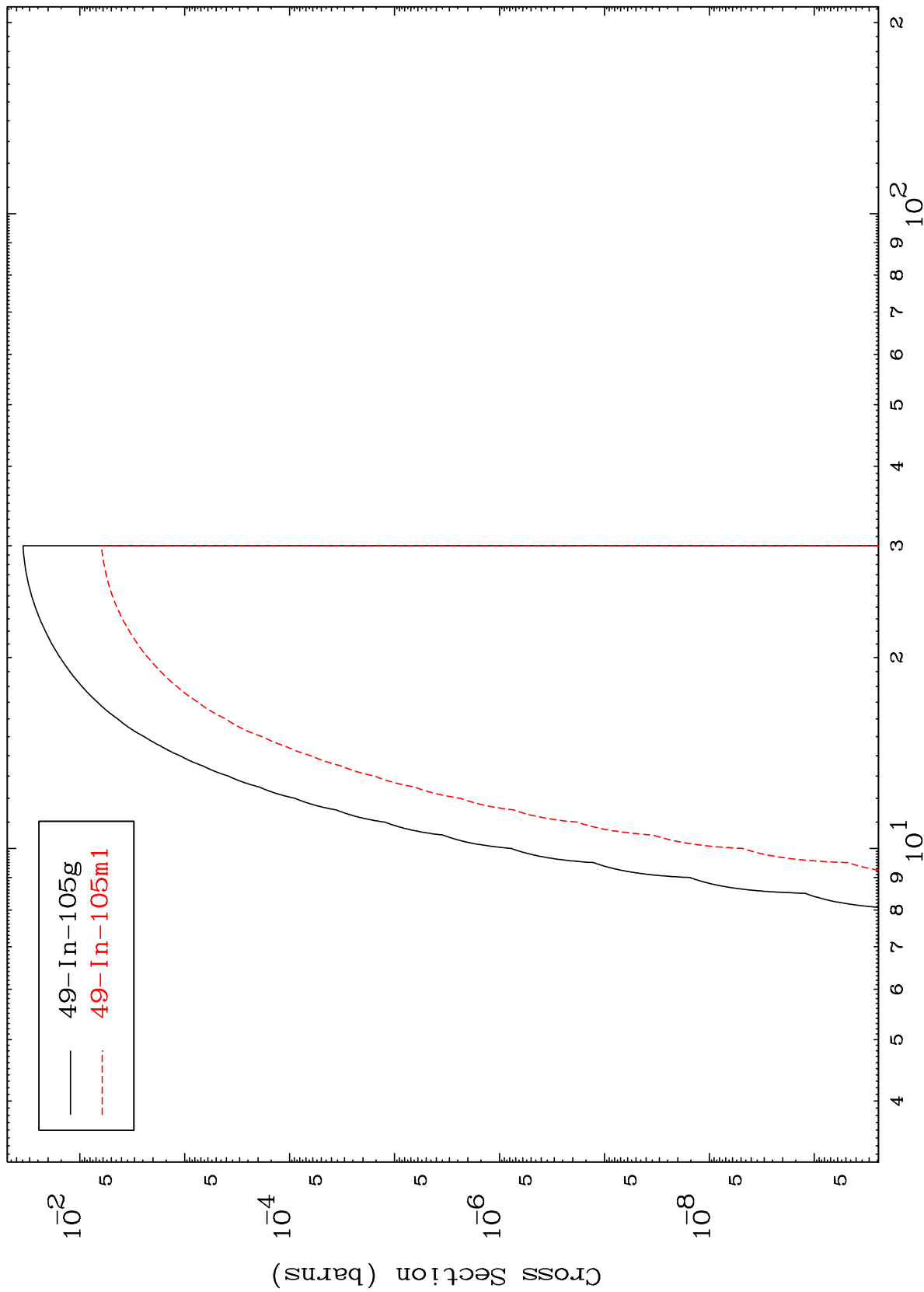
52

MAT 5083

(n,p) d

51-Sb-107

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-107

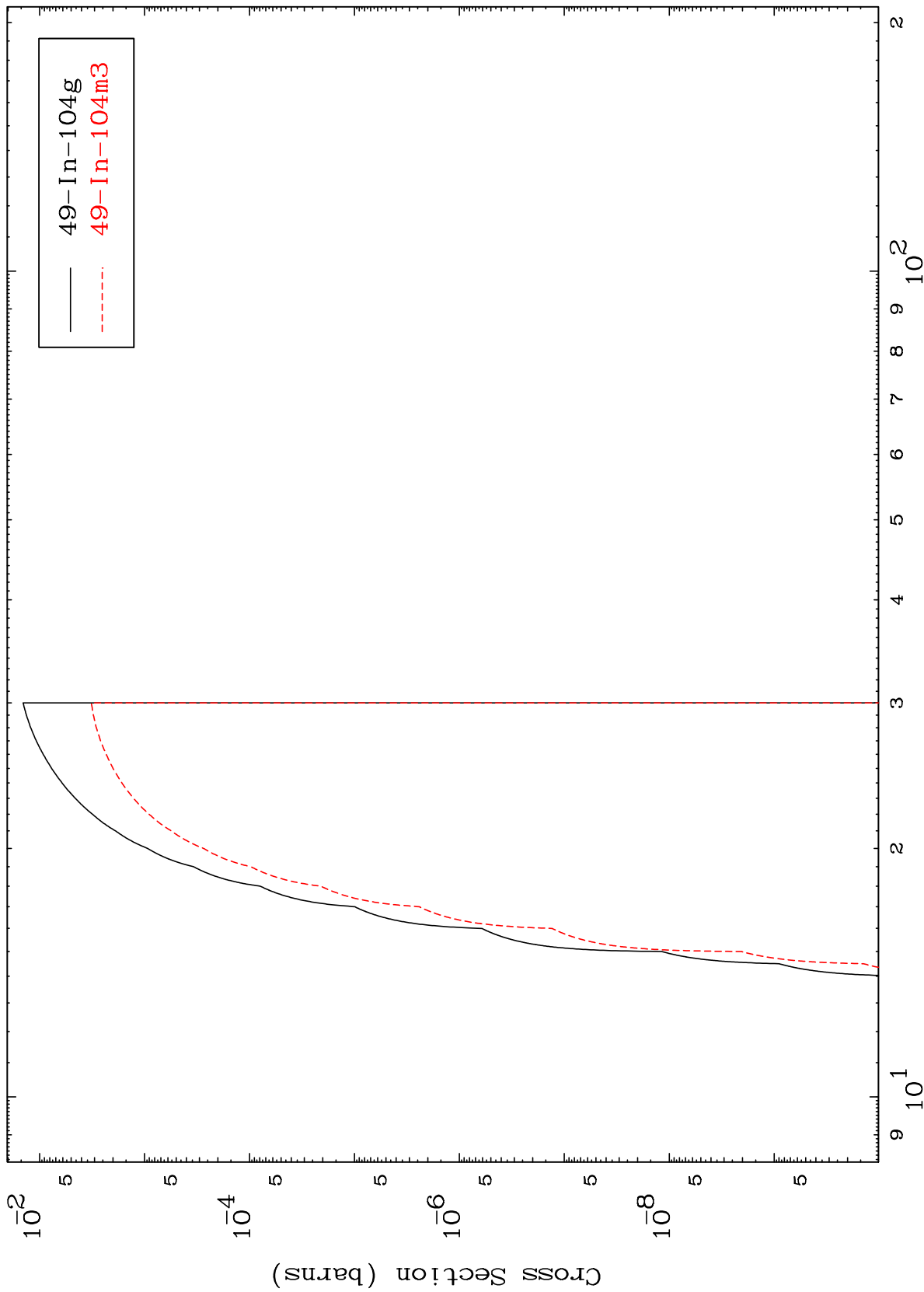
53

MAT 5083

(n,p) t

51-Sb-107

Radionuclide Production Cross Section



54

Incident Energy (MeV)

51-Sb-107