

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

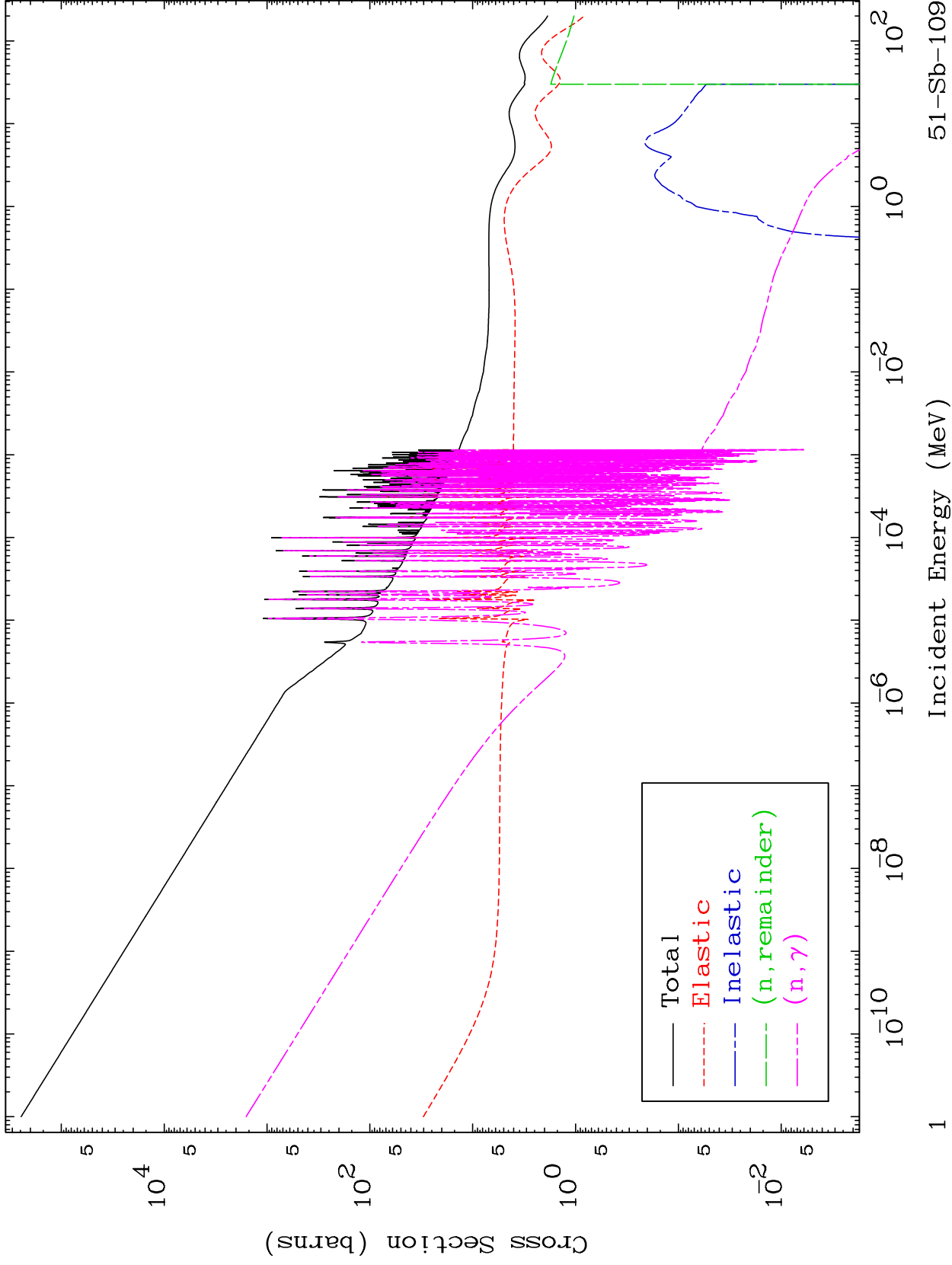
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5089

Major
293 Kelvin Cross Sections

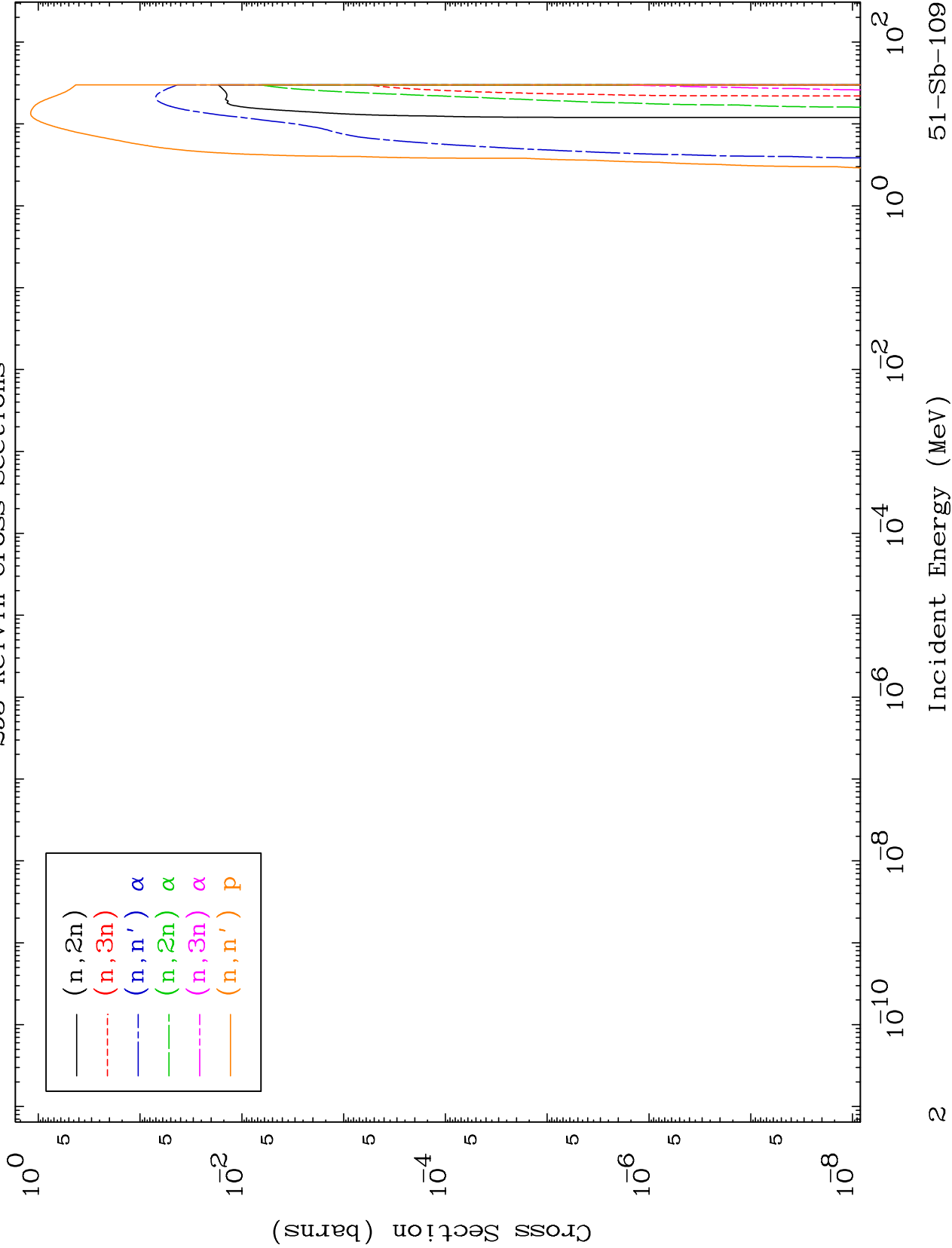
51-Sb-109



MAT 5089

Neutron Production
293 Kelvin Cross Sections

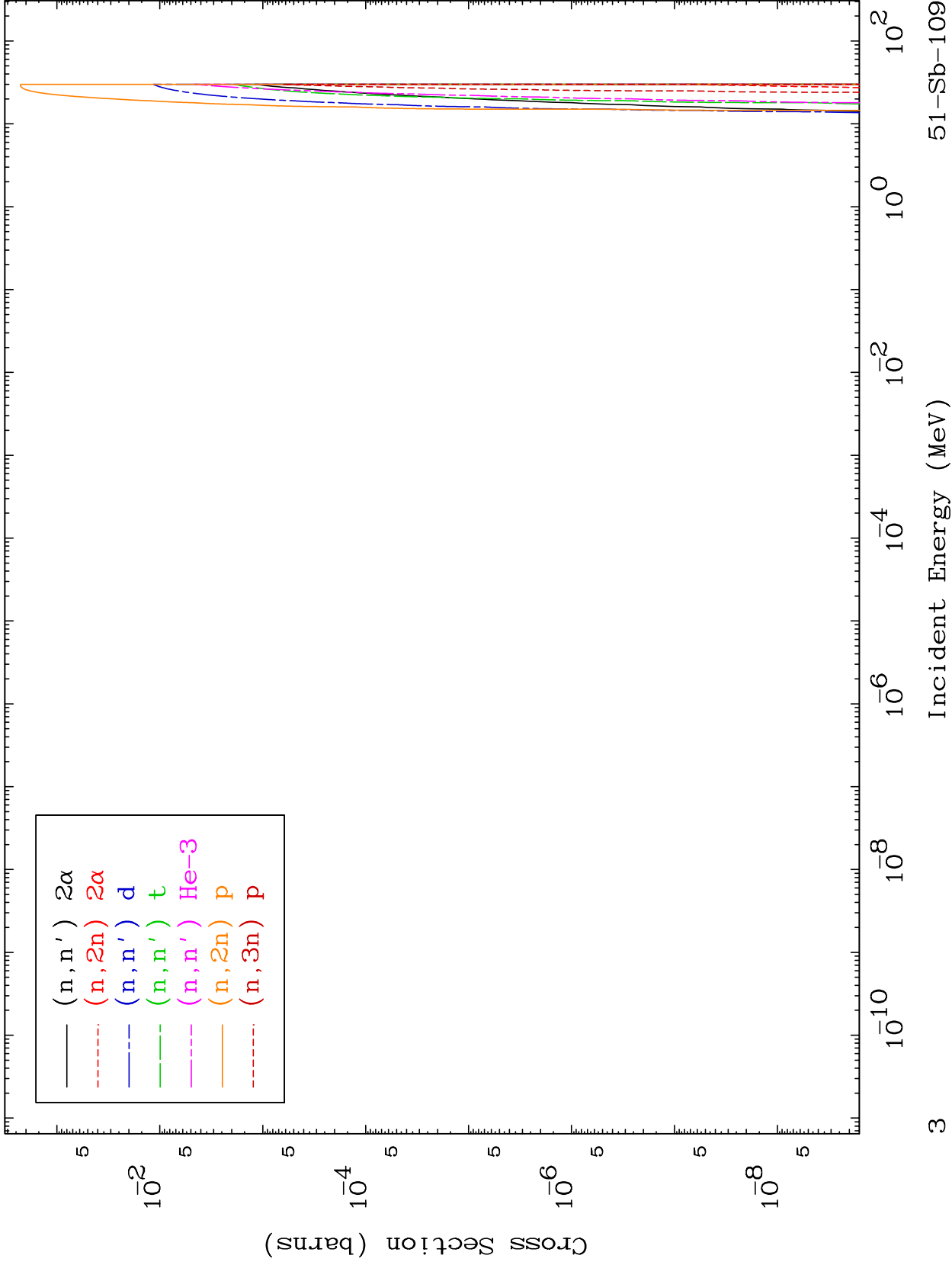
51-Sb-109



MAT 5089

Neutron Production
293 Kelvin Cross Sections

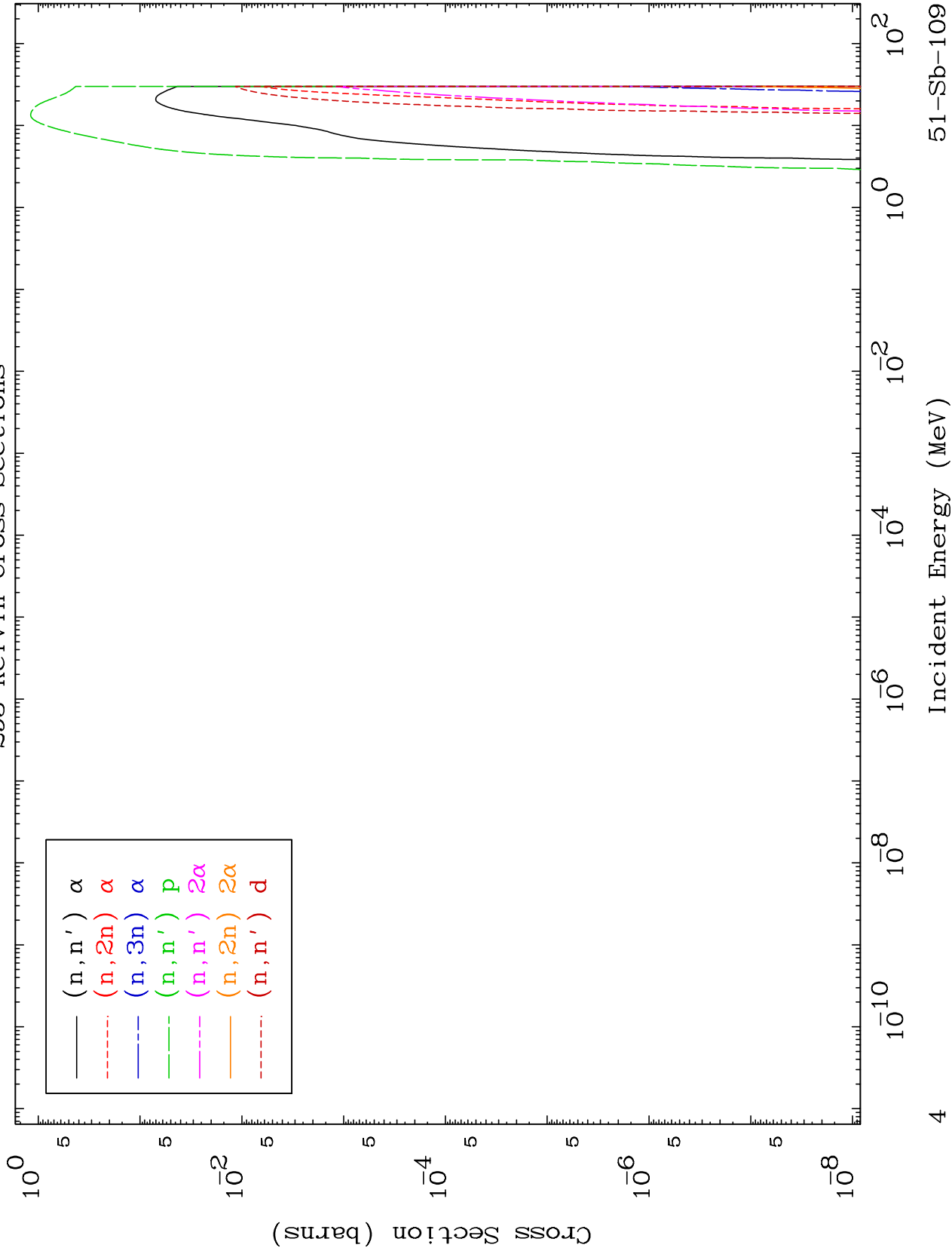
51-Sb-109

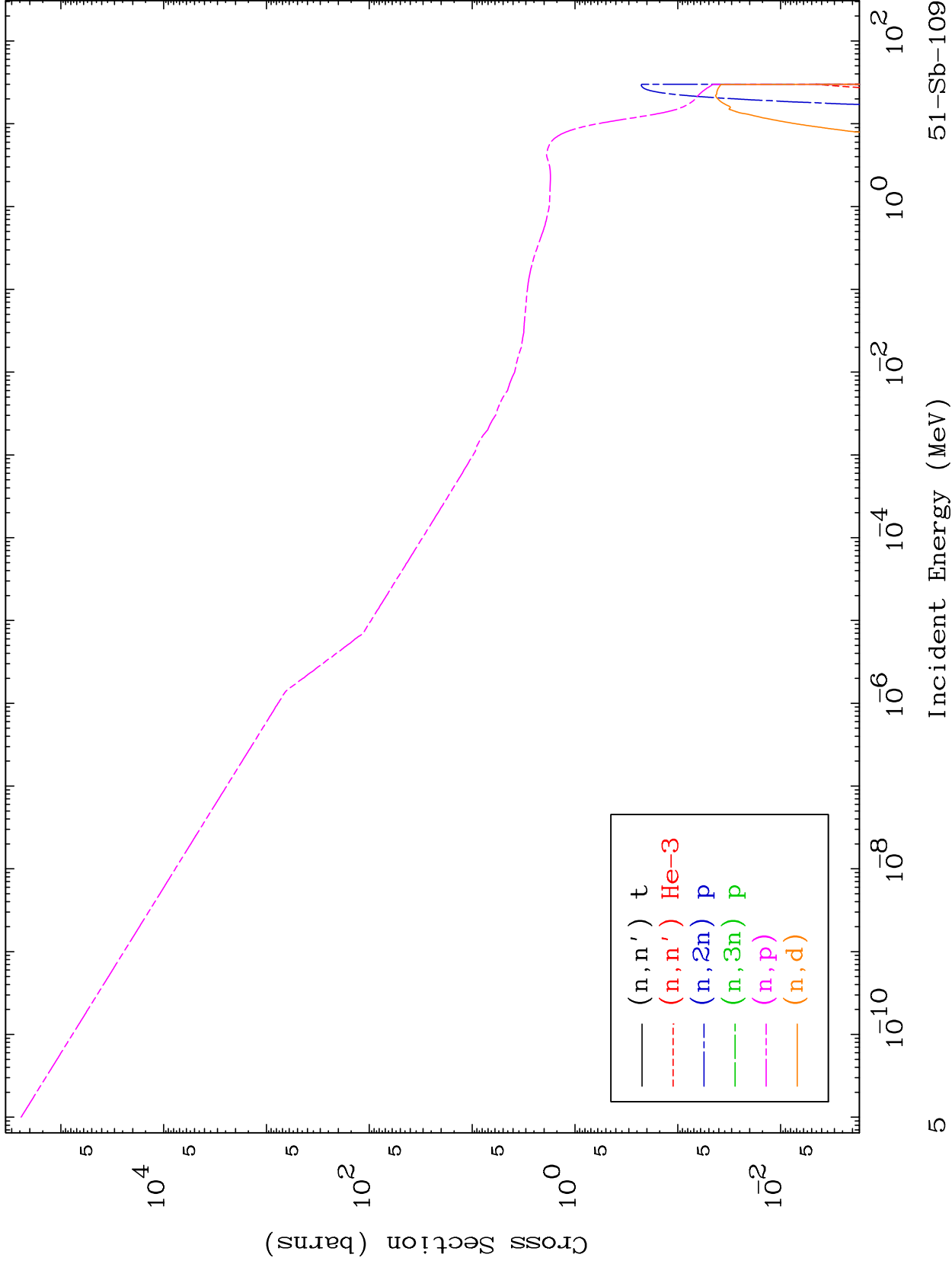


MAT 5089

Charged Particle
293 Kelvin Cross Sections

51-Sb-109

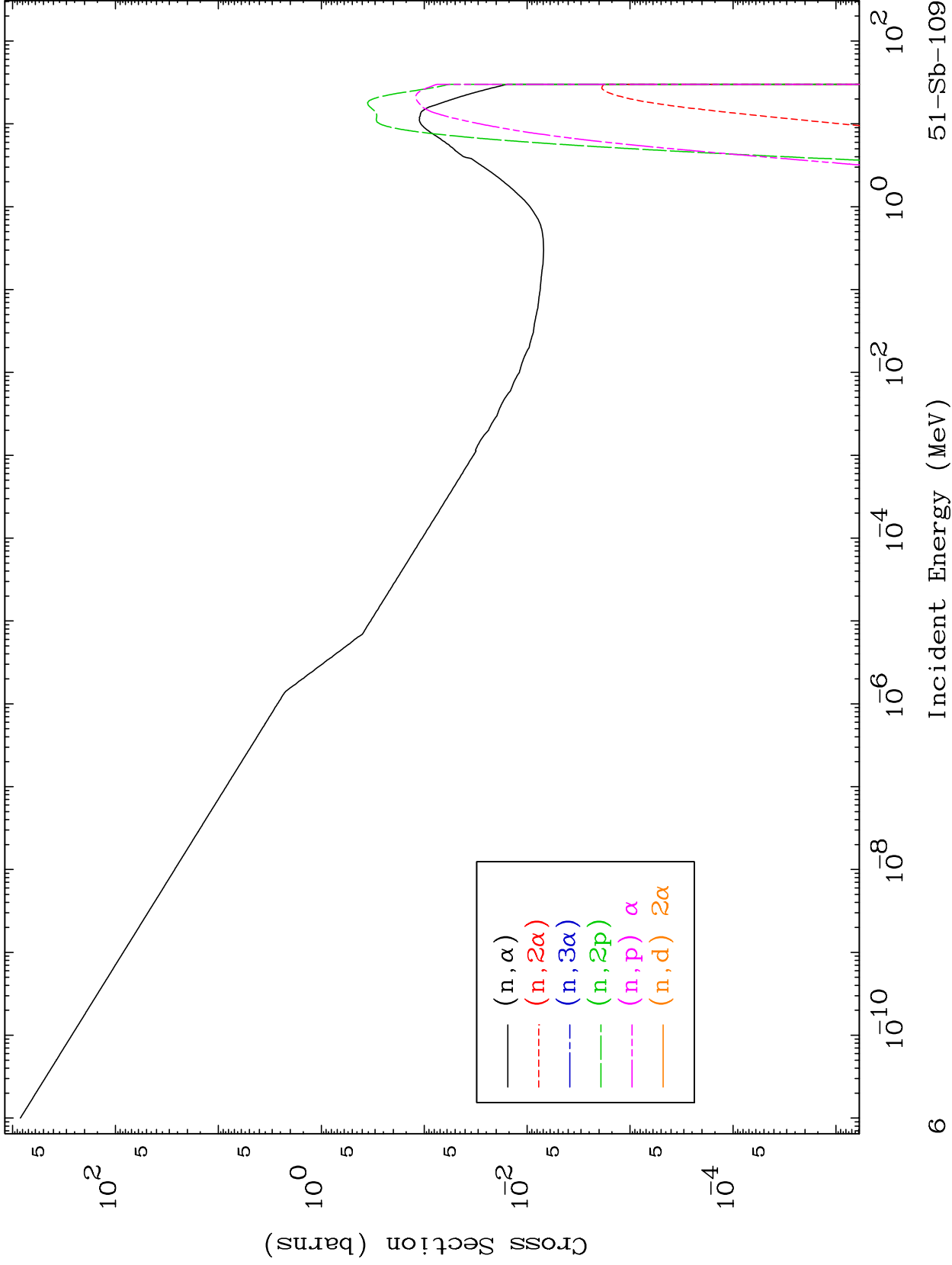




MAT 5089

Charged Particle
293 Kelvin Cross Sections

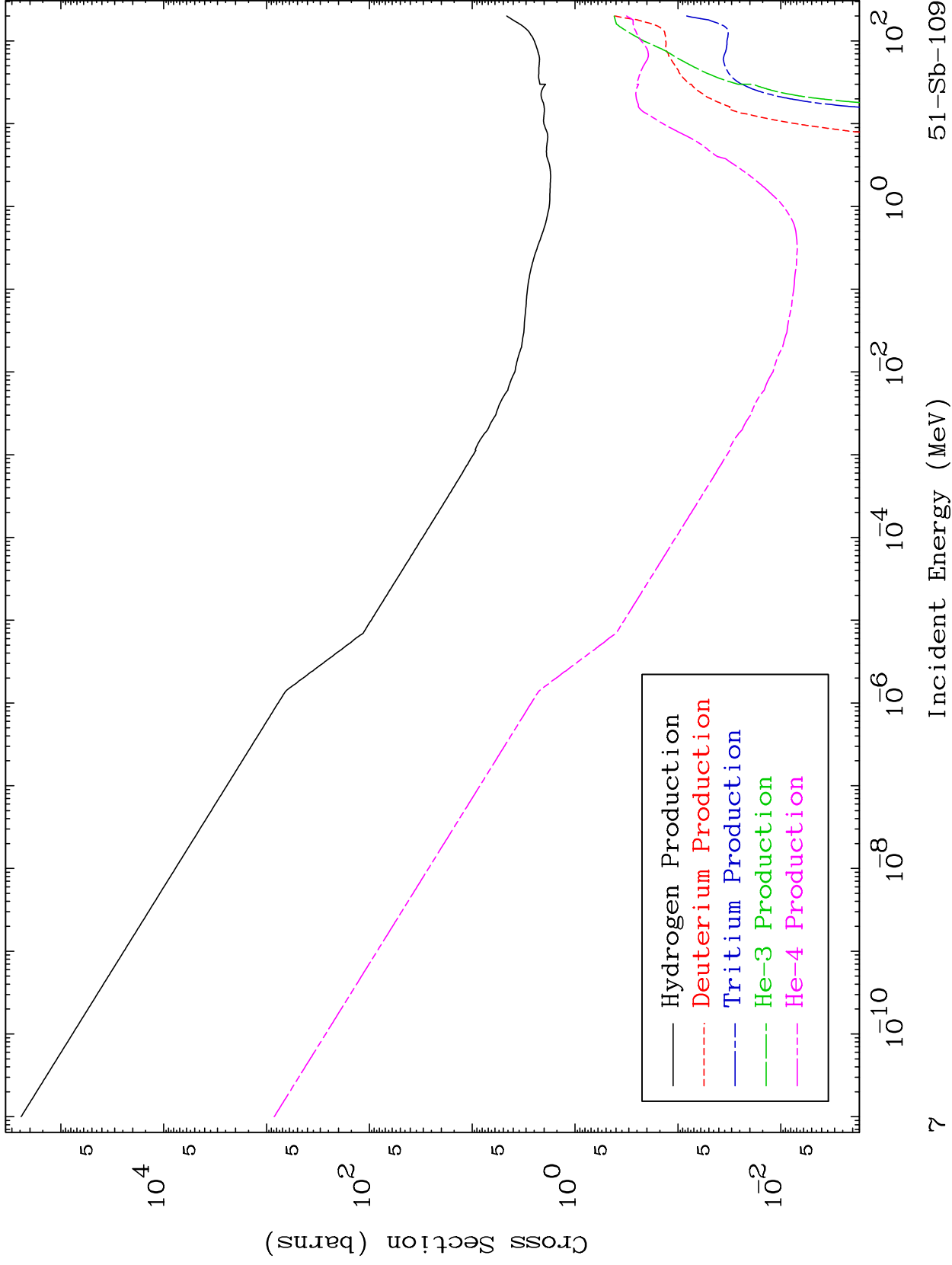
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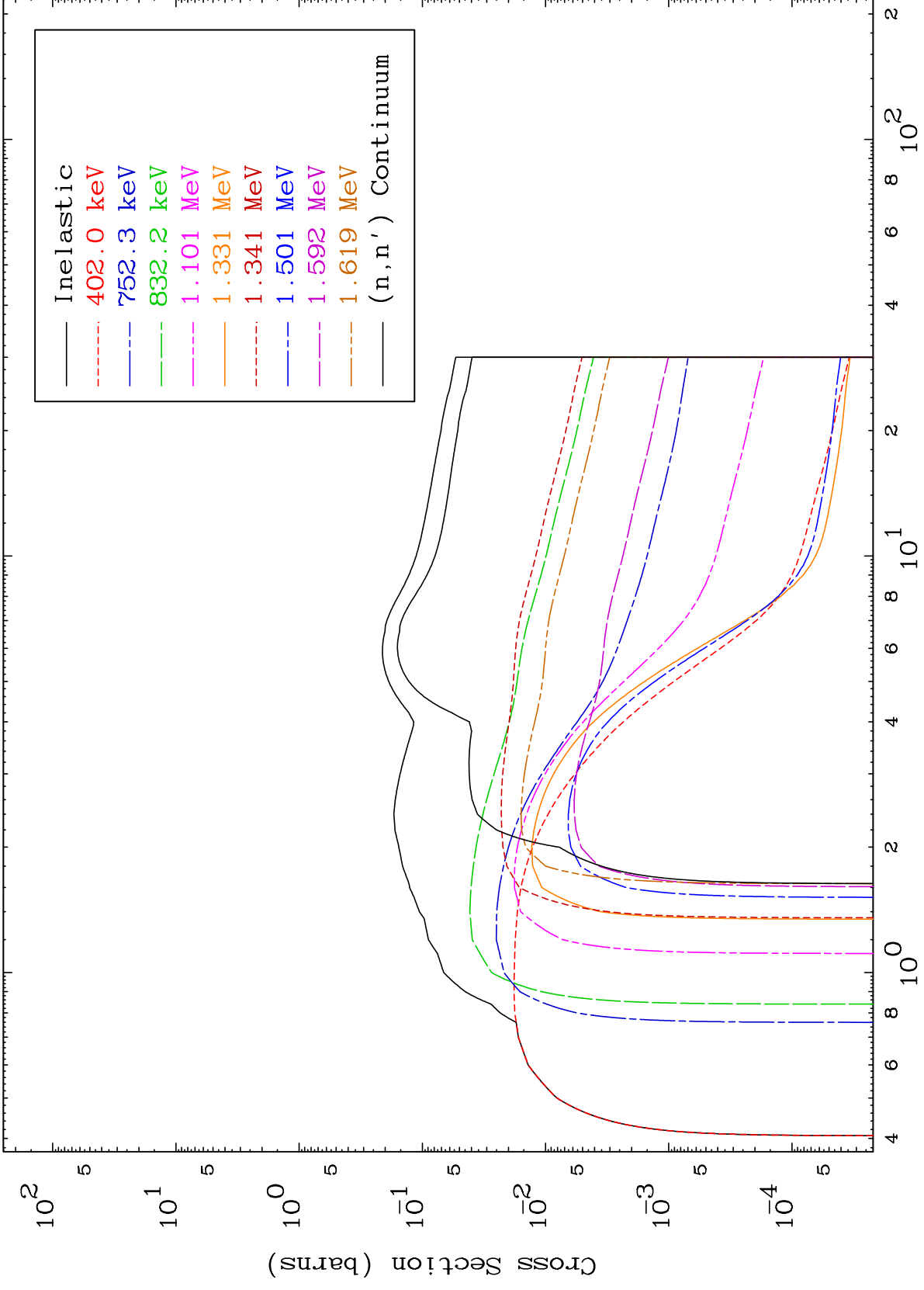


MAT 5089

Particle Production
293 Kelvin Cross Sections

51-Sb-109

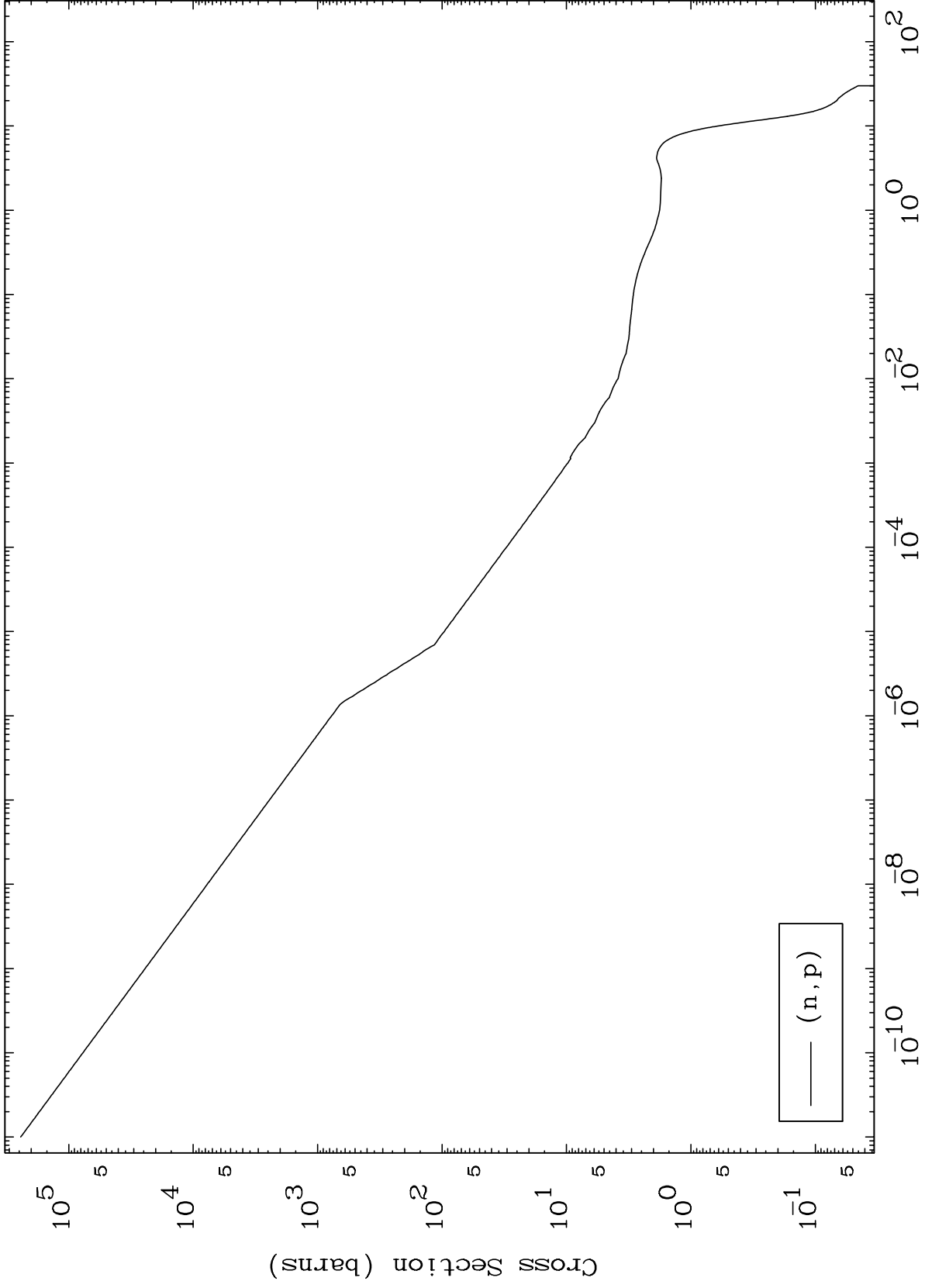




MAT 5089

(n,p) Levels
293 Kelvin Cross Sections

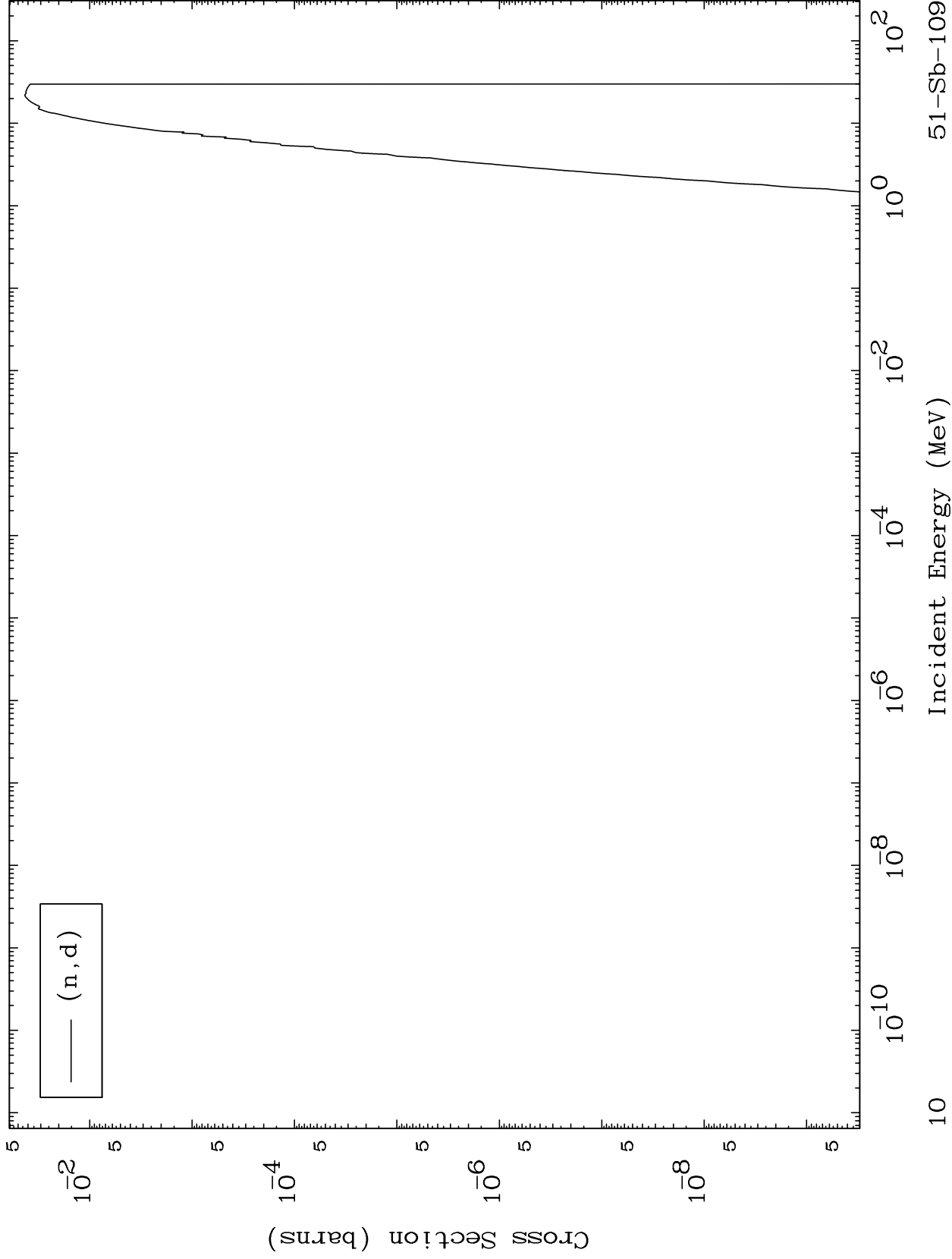
51-Sb-109



MAT 5089

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-109



10

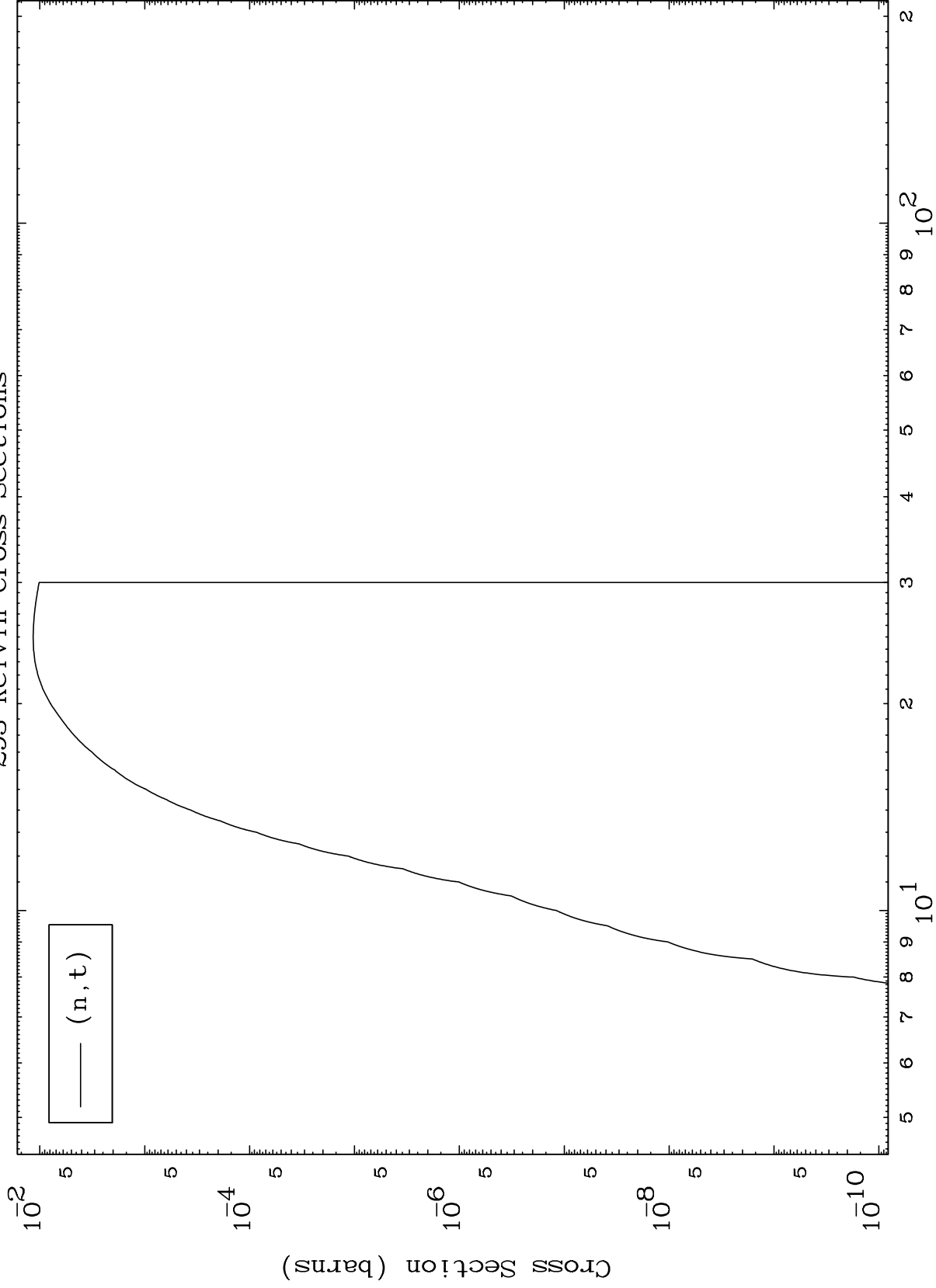
Incident Energy (MeV)

51-Sb-109

MAT 5089

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-109



11

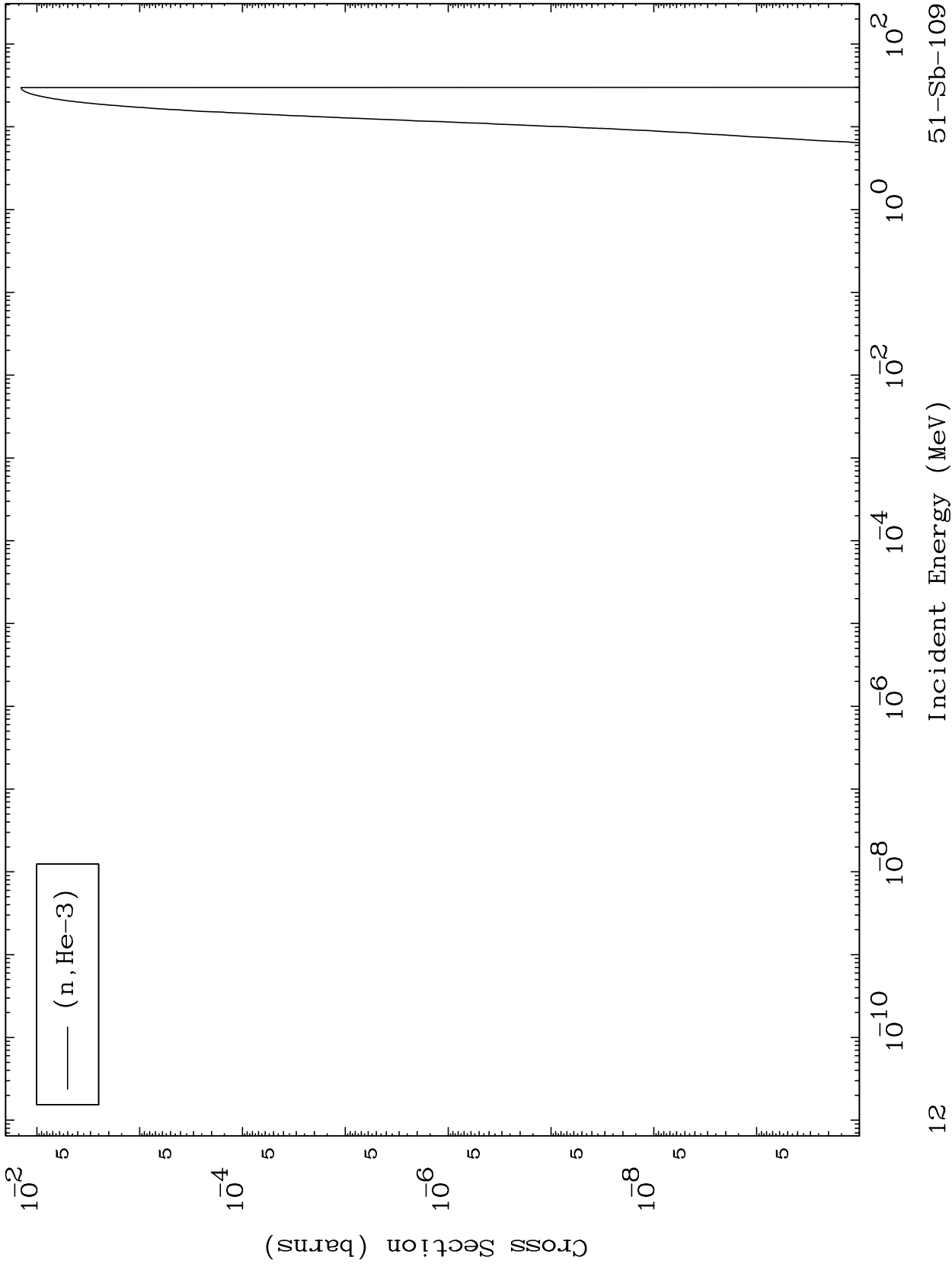
Incident Energy (MeV)

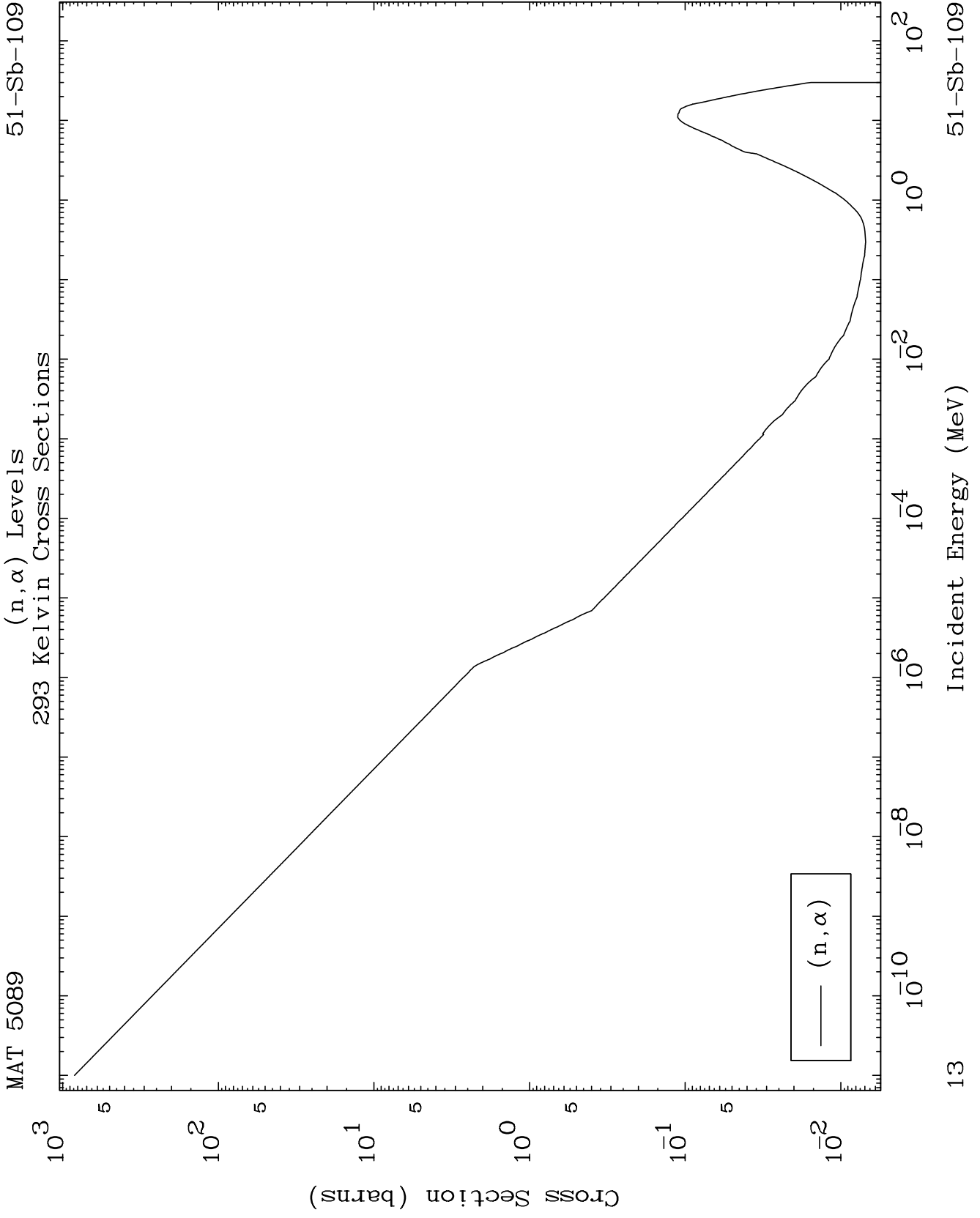
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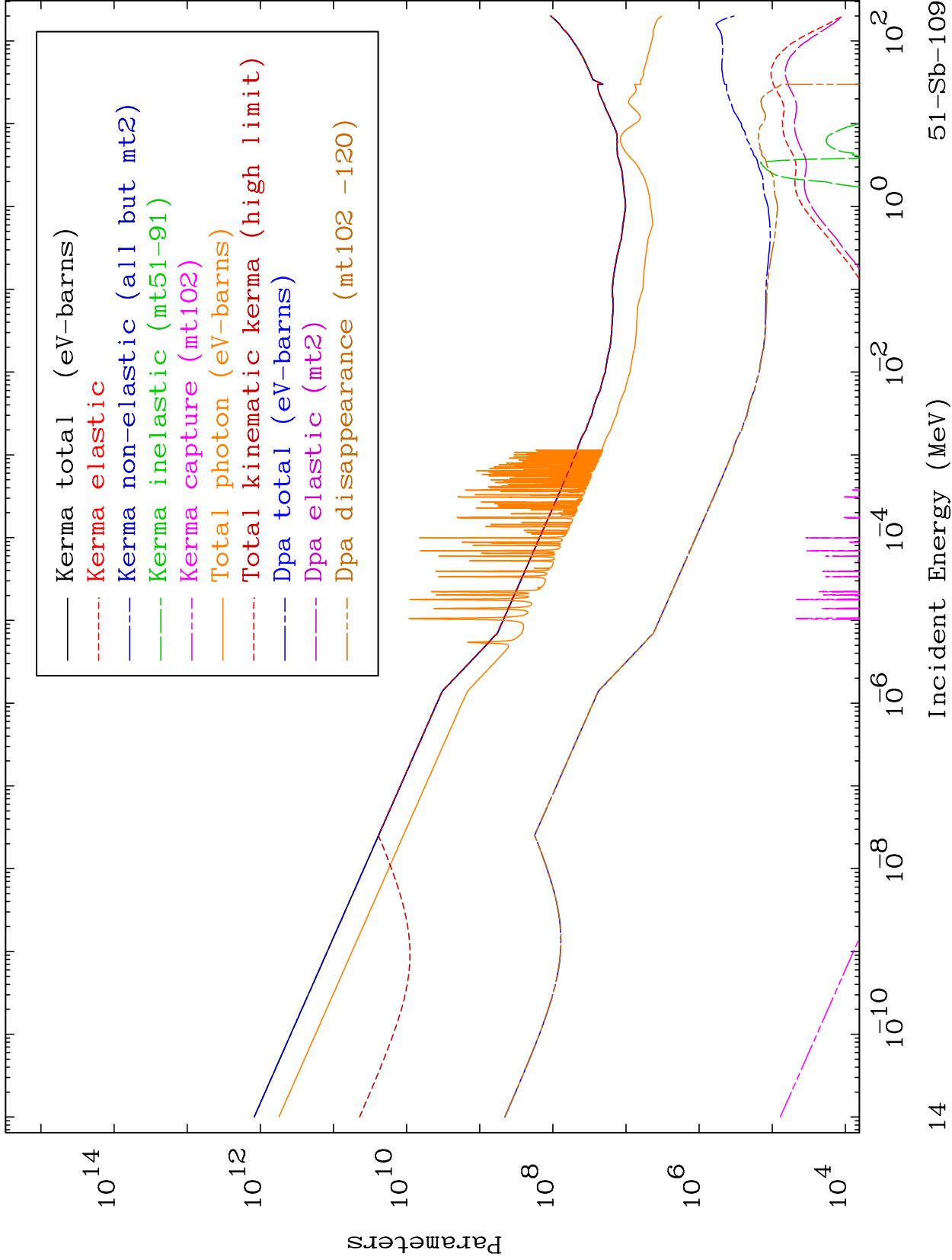
MAT 5089

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-109



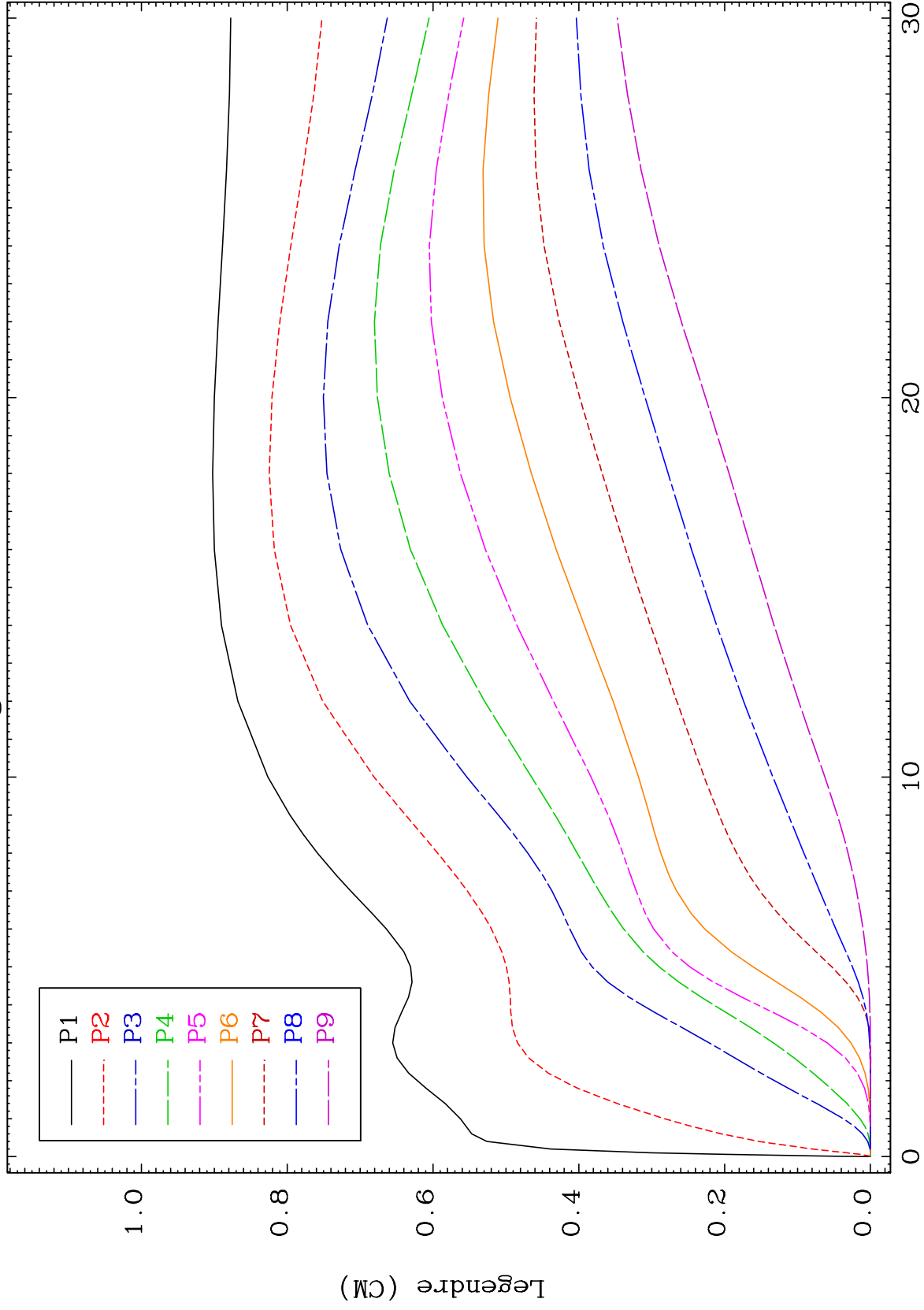




MAT 5089

Elastic Legendre Coefficients

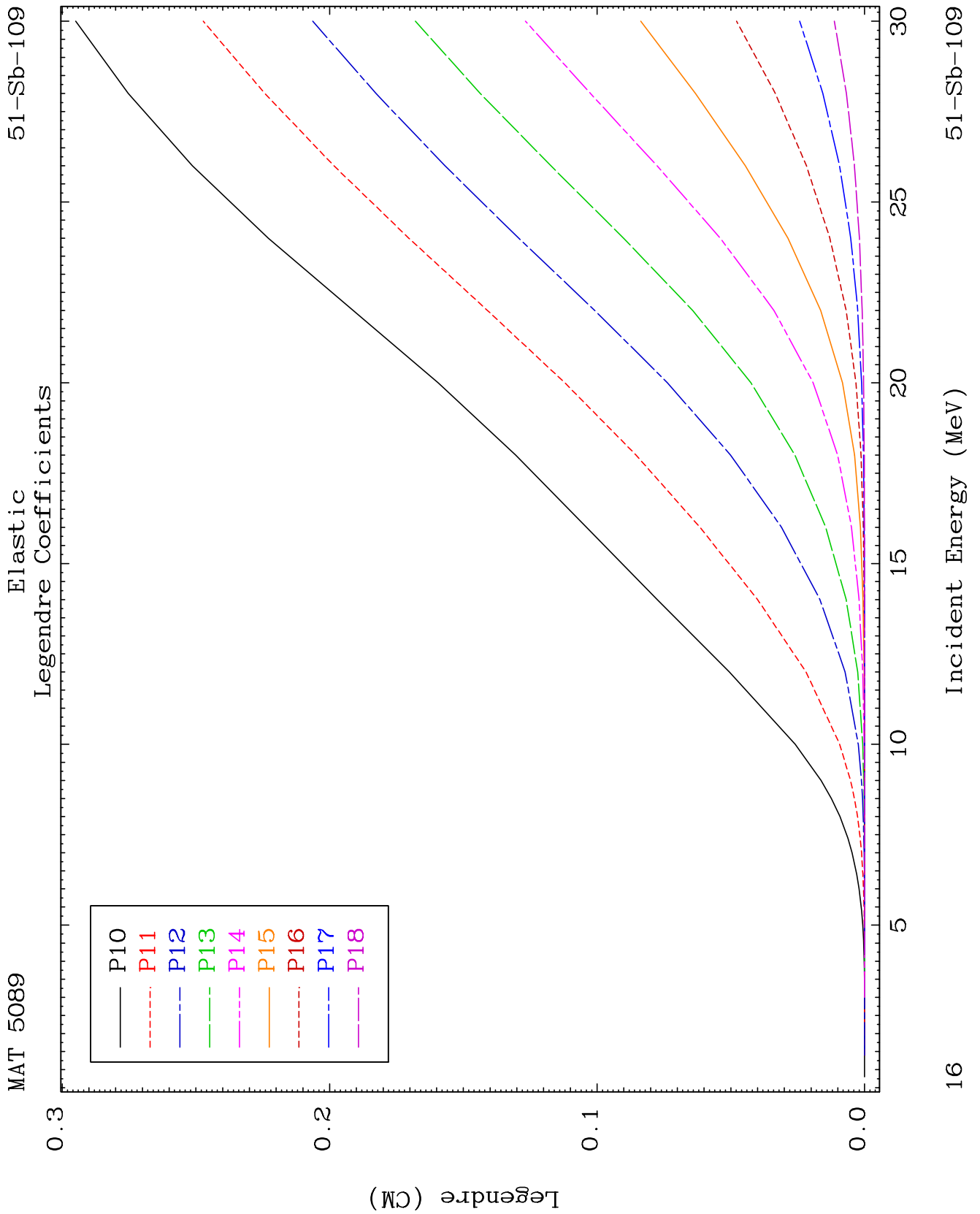
51-Sb-109



15

Incident Energy (MeV)

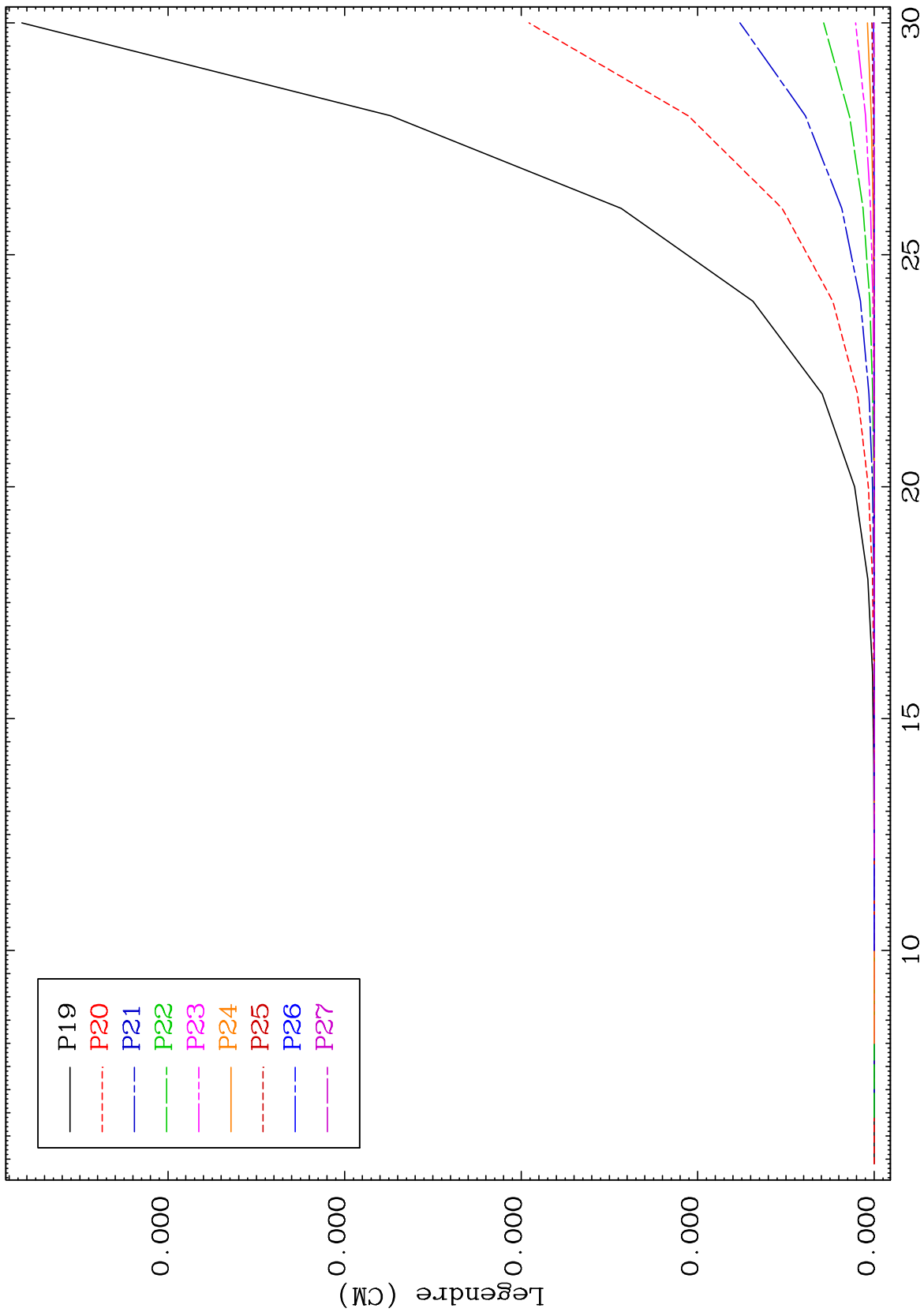
51-Sb-109



MAT 5089

Elastic Legendre Coefficients

51-Sb-109



17

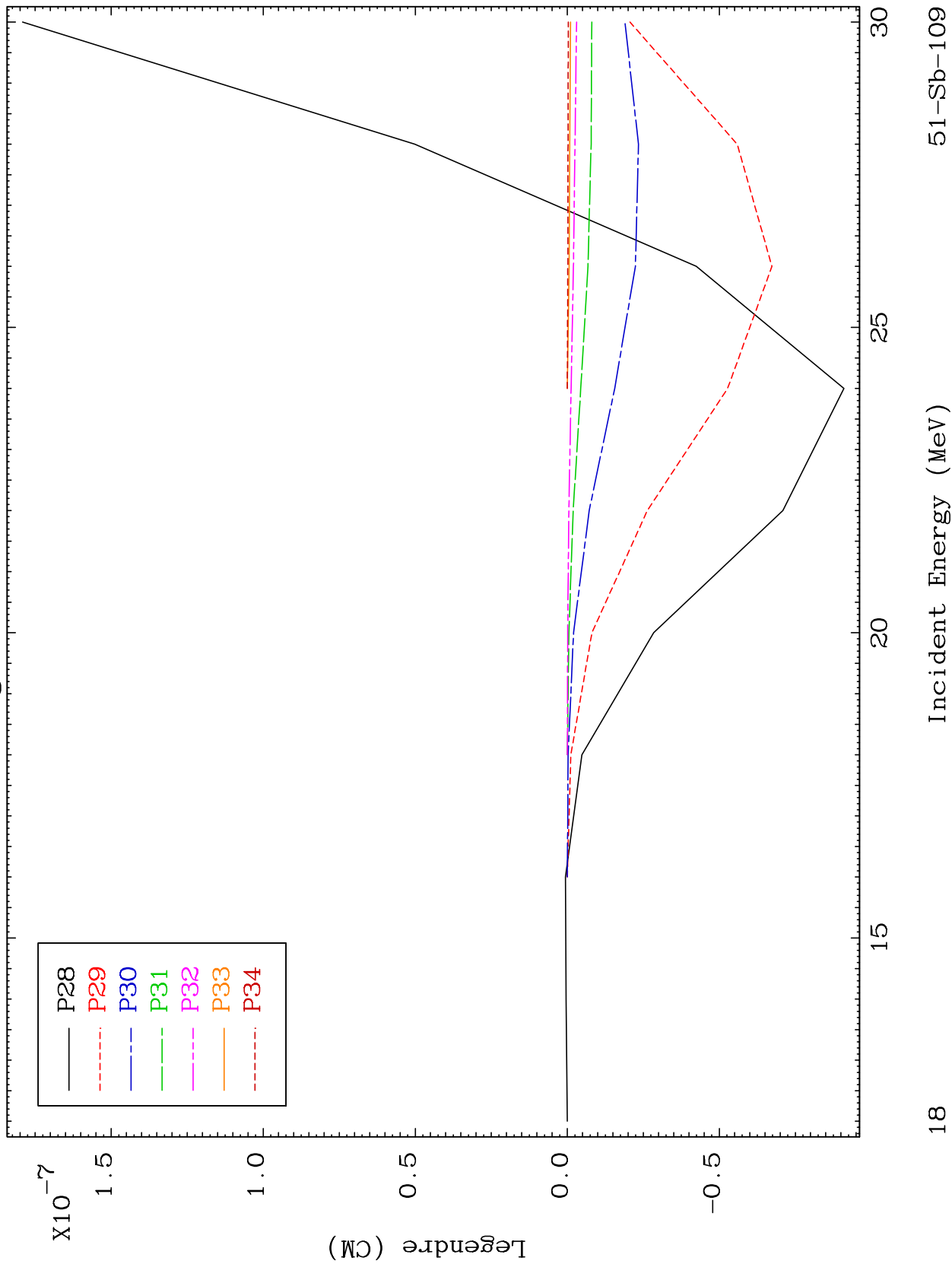
Incident Energy (MeV)

51-Sb-109

MAT 5089

Elastic Legendre Coefficients

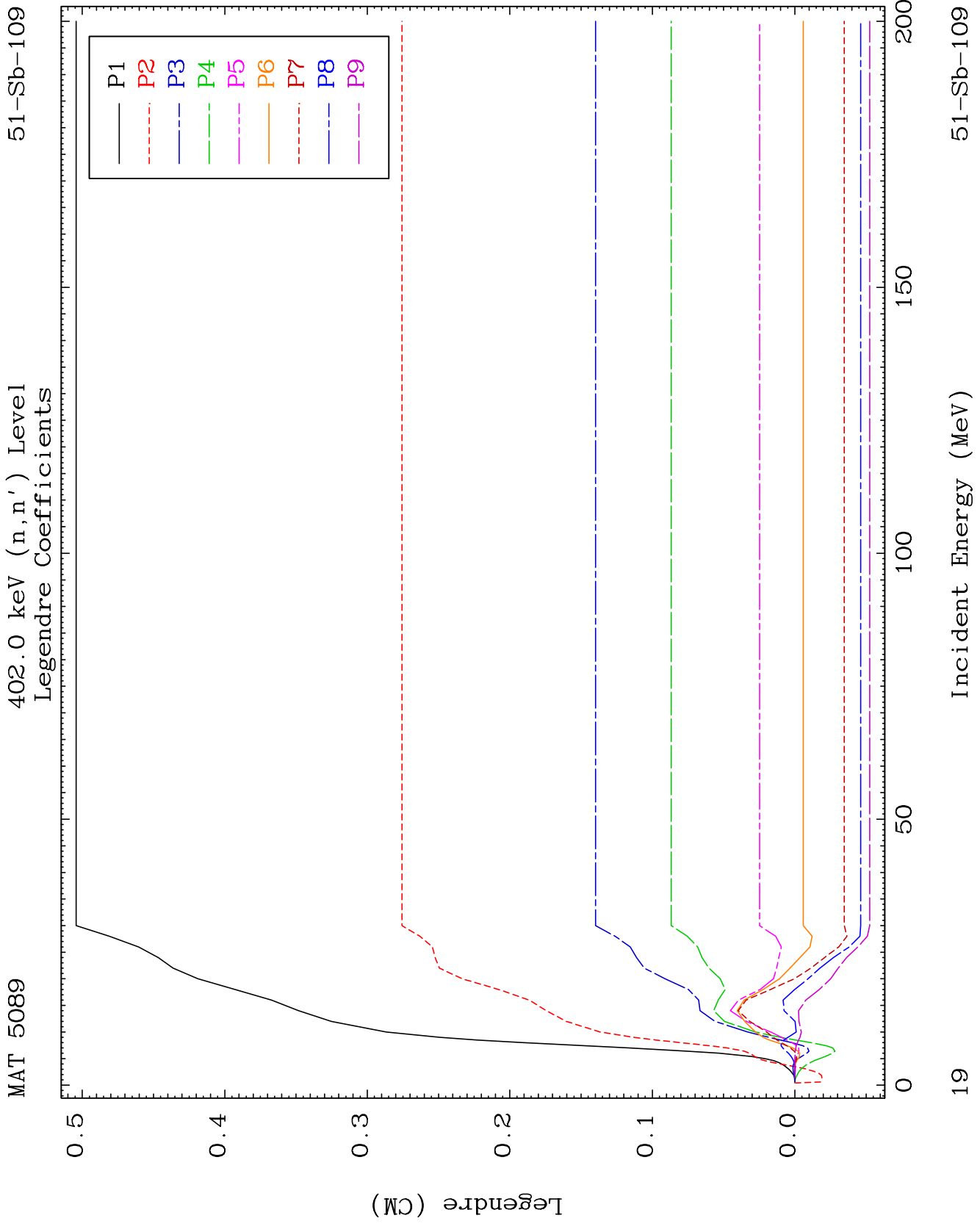
51-Sb-109

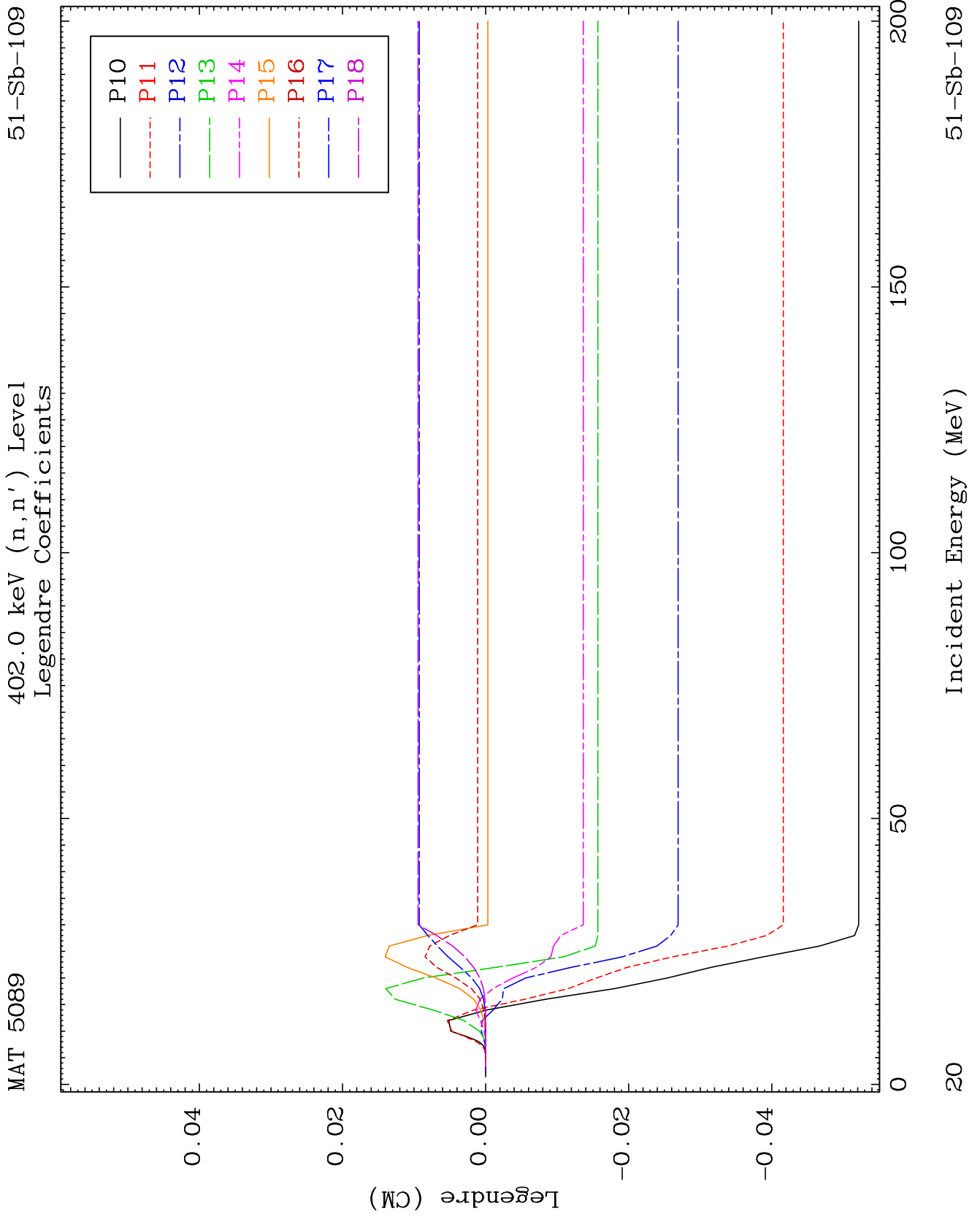


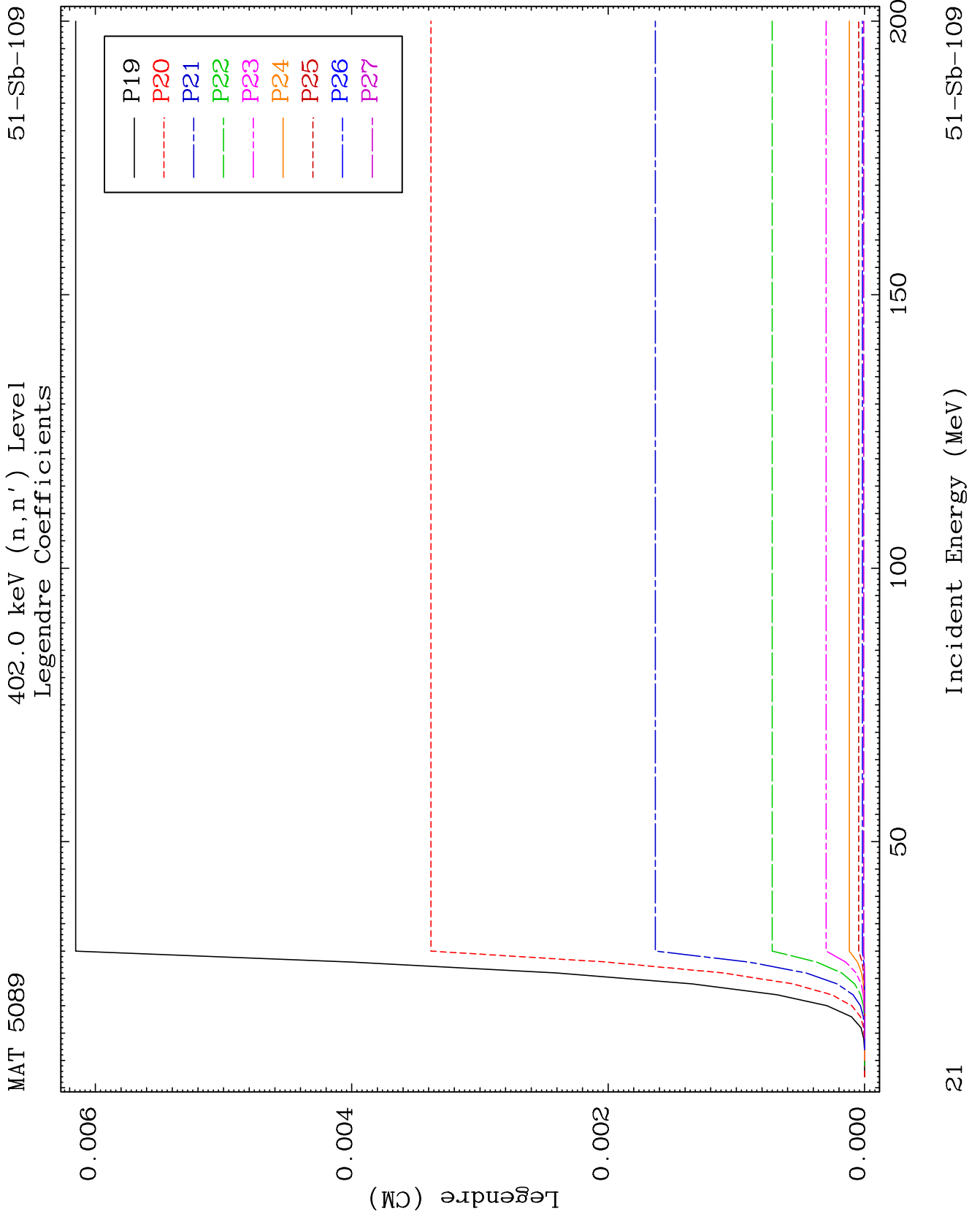
18

Incident Energy (MeV)

51-Sb-109



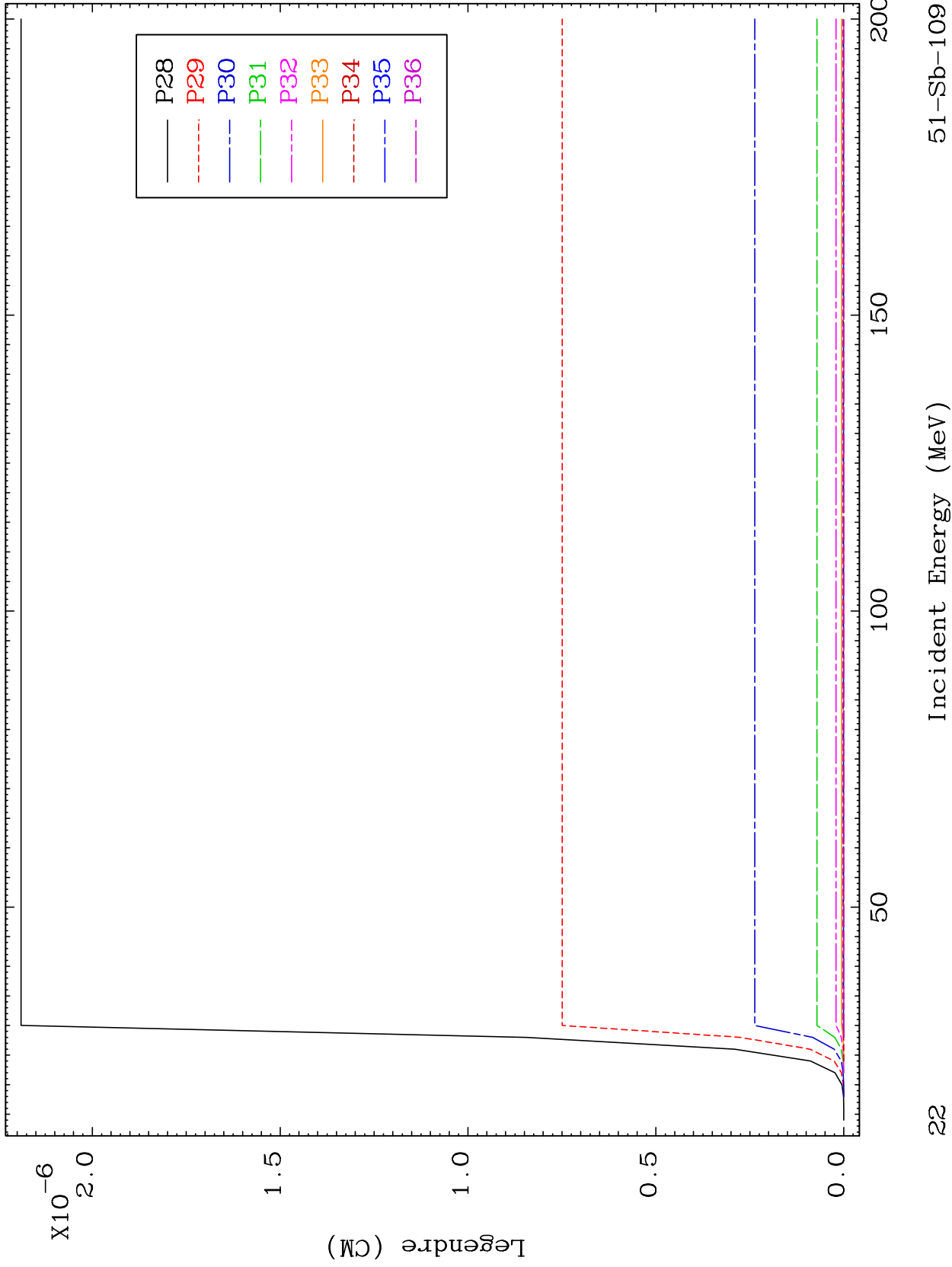




MAT 5089

402.0 keV (n,n') Level
Legendre Coefficients

51-Sb-109



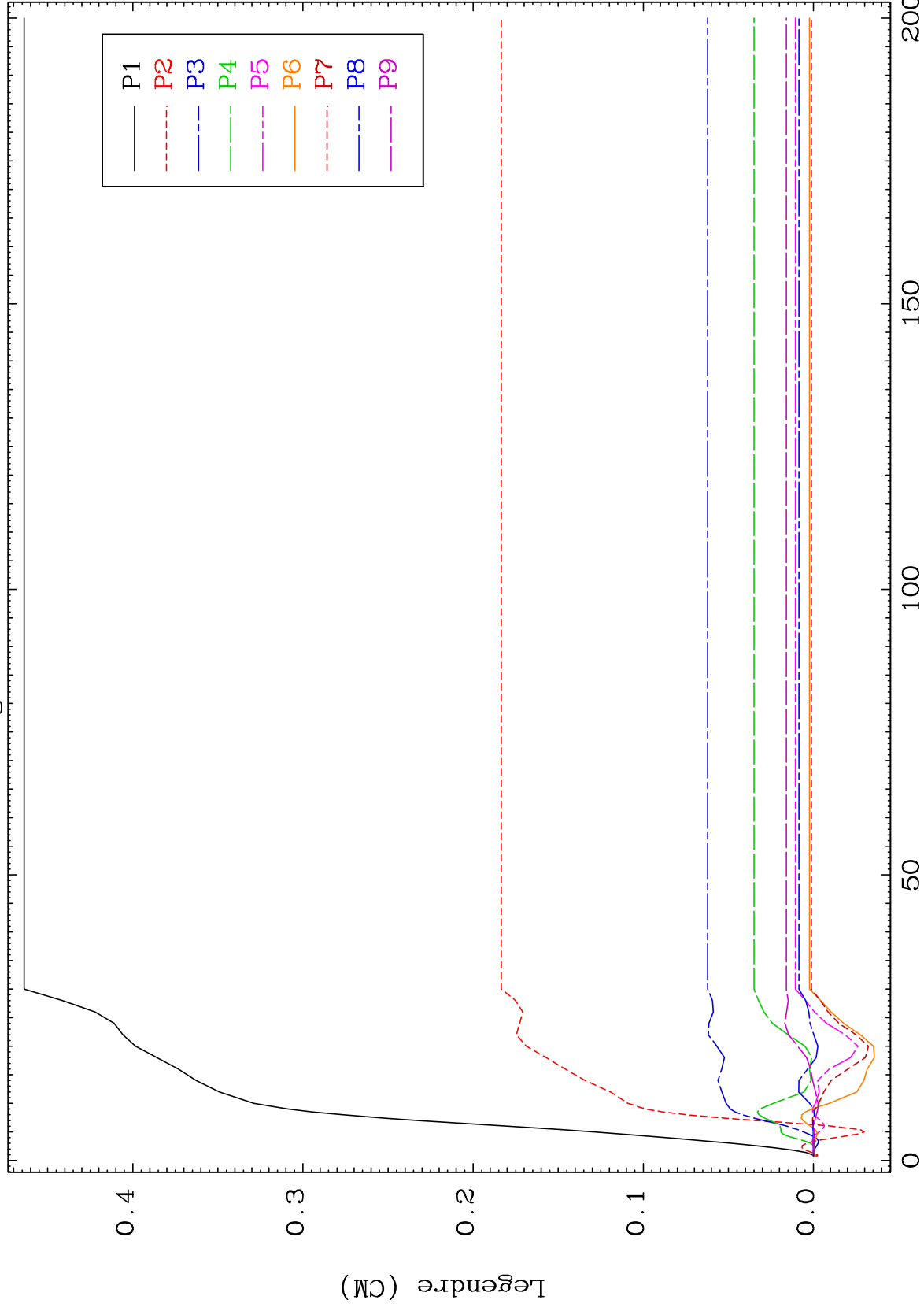
22

51-Sb-109

MAT 5089

752.3 keV (n,n') Level
Legendre Coefficients

51-Sb-109



23

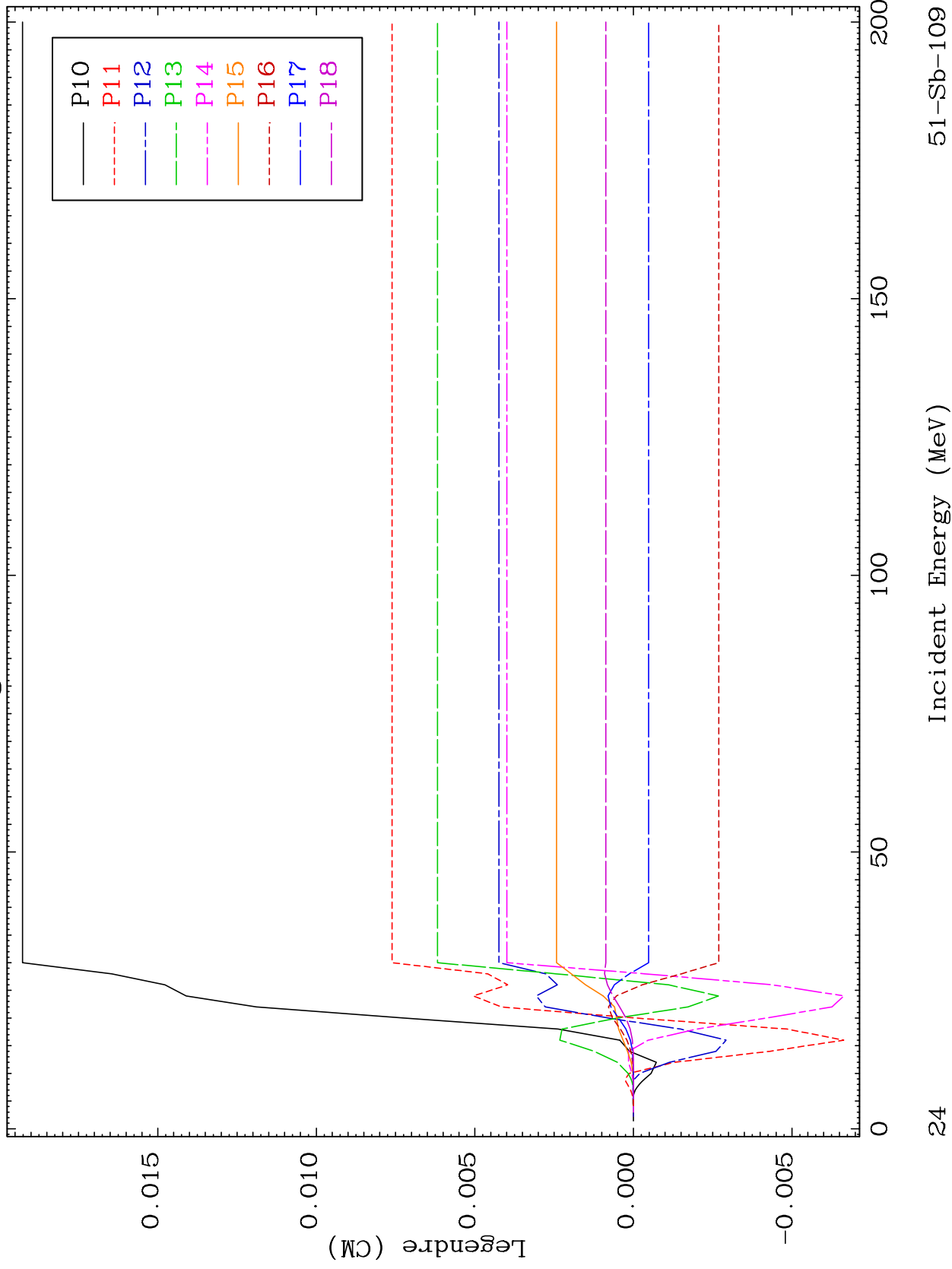
Incident Energy (MeV)

51-Sb-109

MAT 5089

752.3 keV (n,n') Level
Legendre Coefficients

51-Sb-109



51-Sb-109

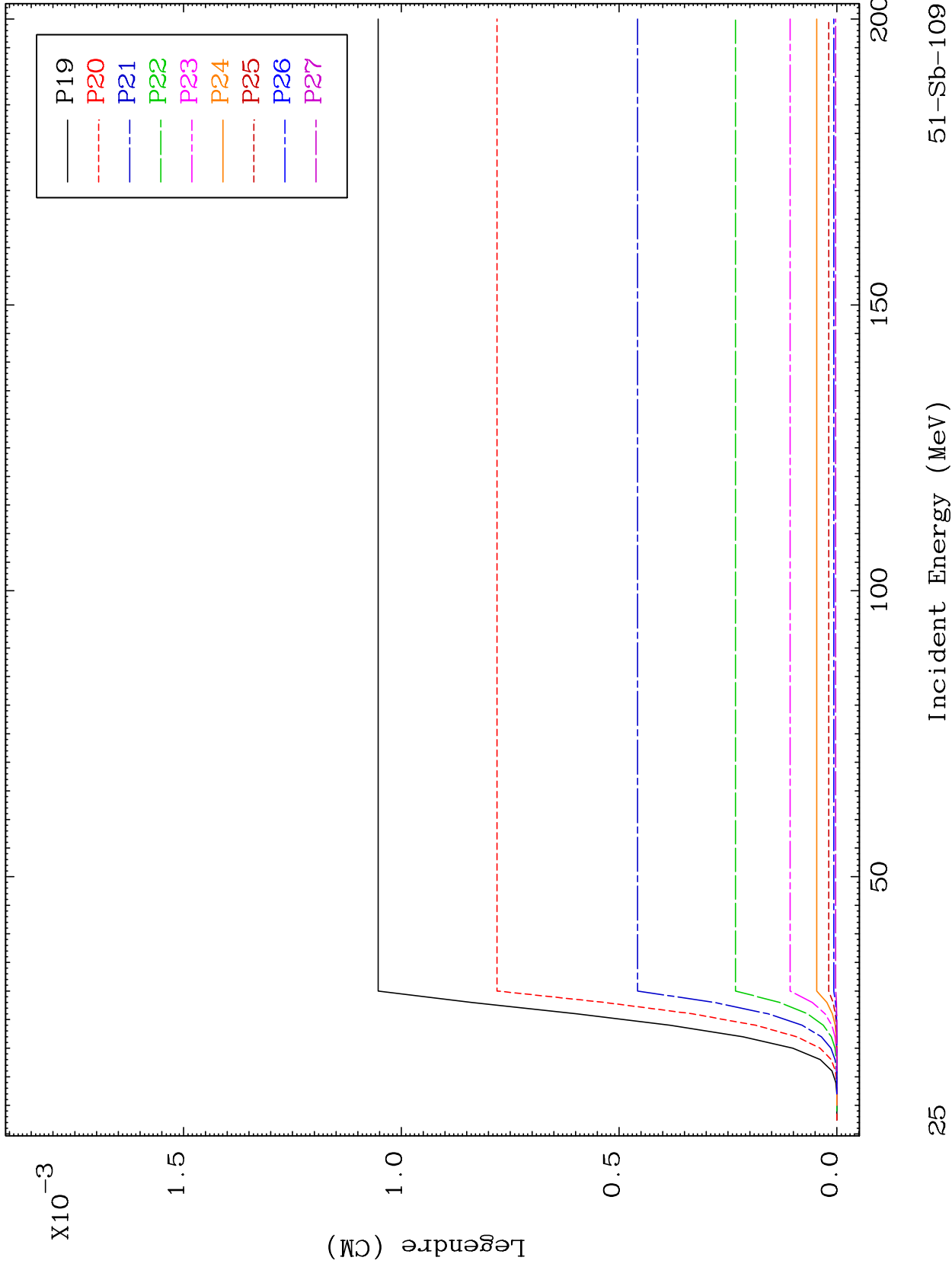
Incident Energy (MeV)

24

MAT 5089

752.3 keV (n,n') Level
Legendre Coefficients

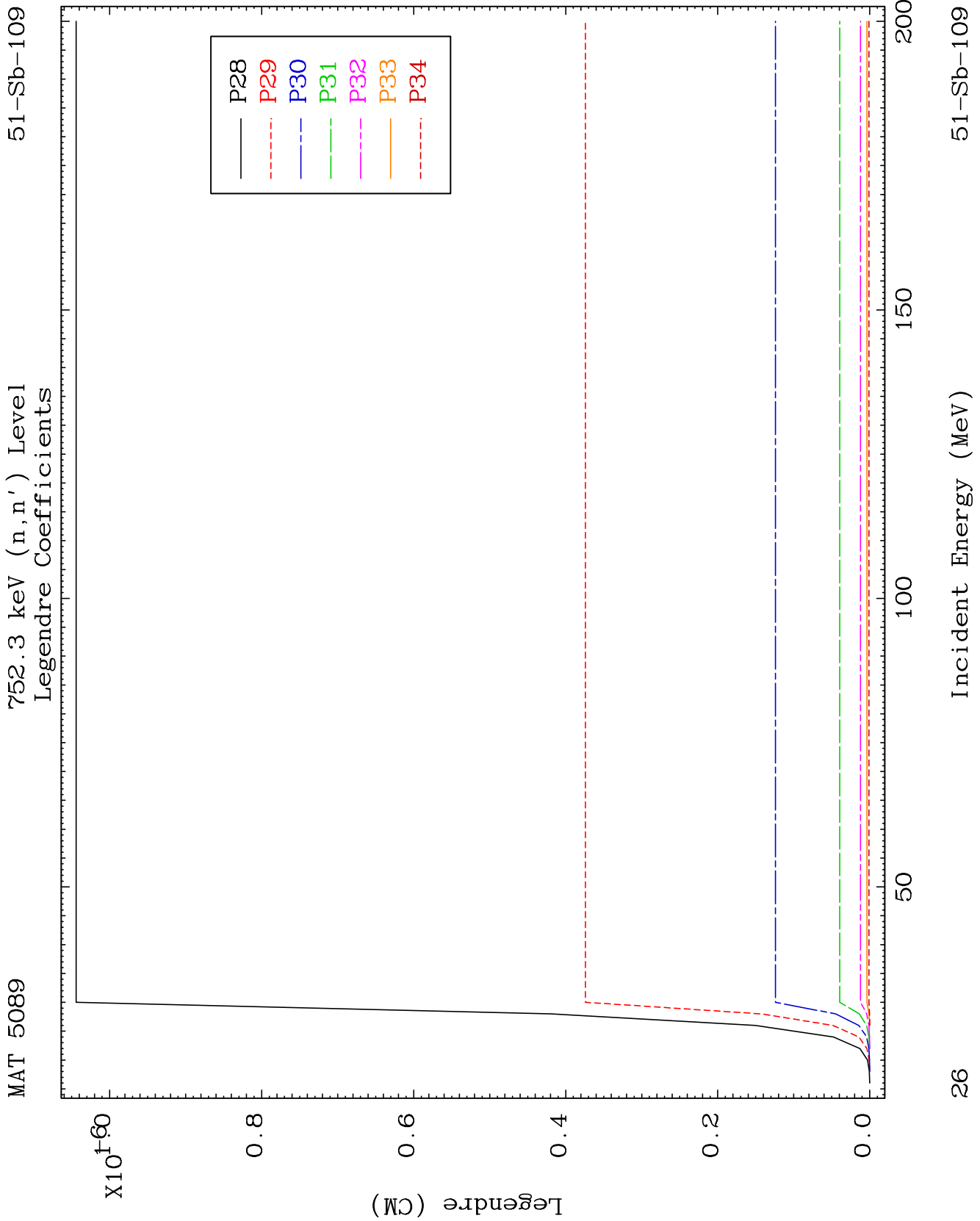
51-Sb-109



25

Incident Energy (MeV)

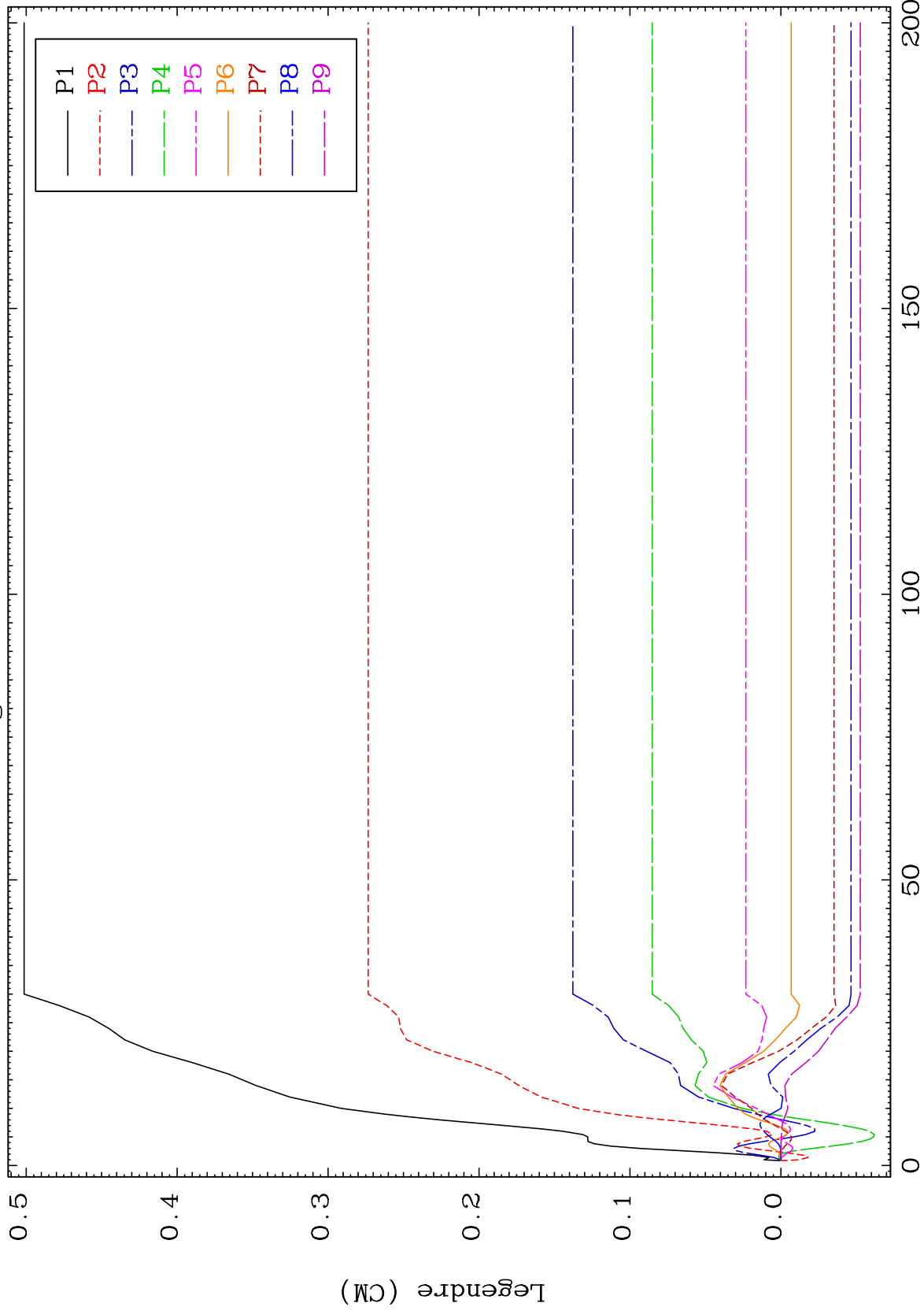
51-Sb-109



MAT 5089

832.2 keV (n,n') Level
Legendre Coefficients

51-Sb-109



27

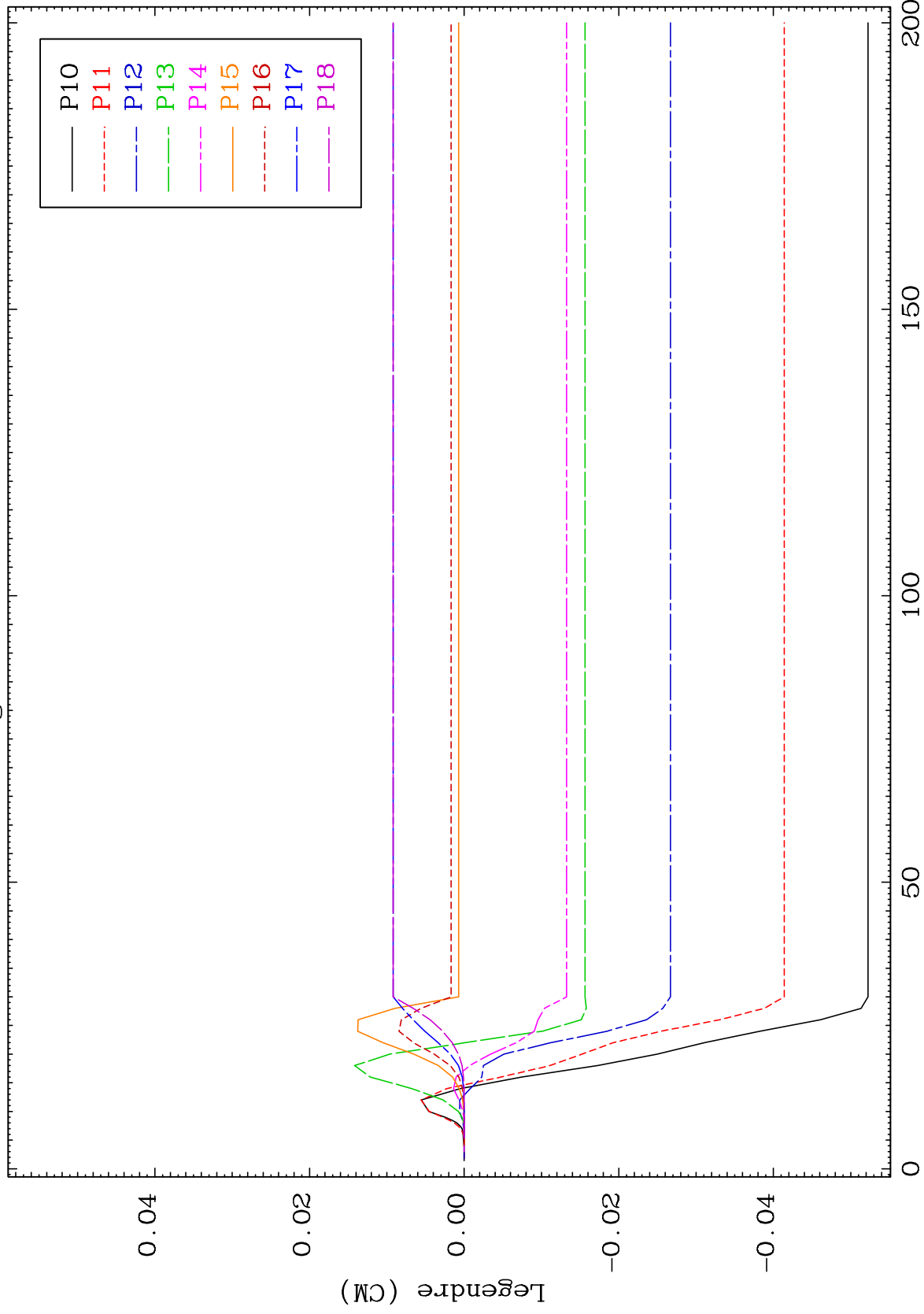
Incident Energy (MeV)

51-Sb-109

MAT 5089

832.2 keV (n,n') Level
Legendre Coefficients

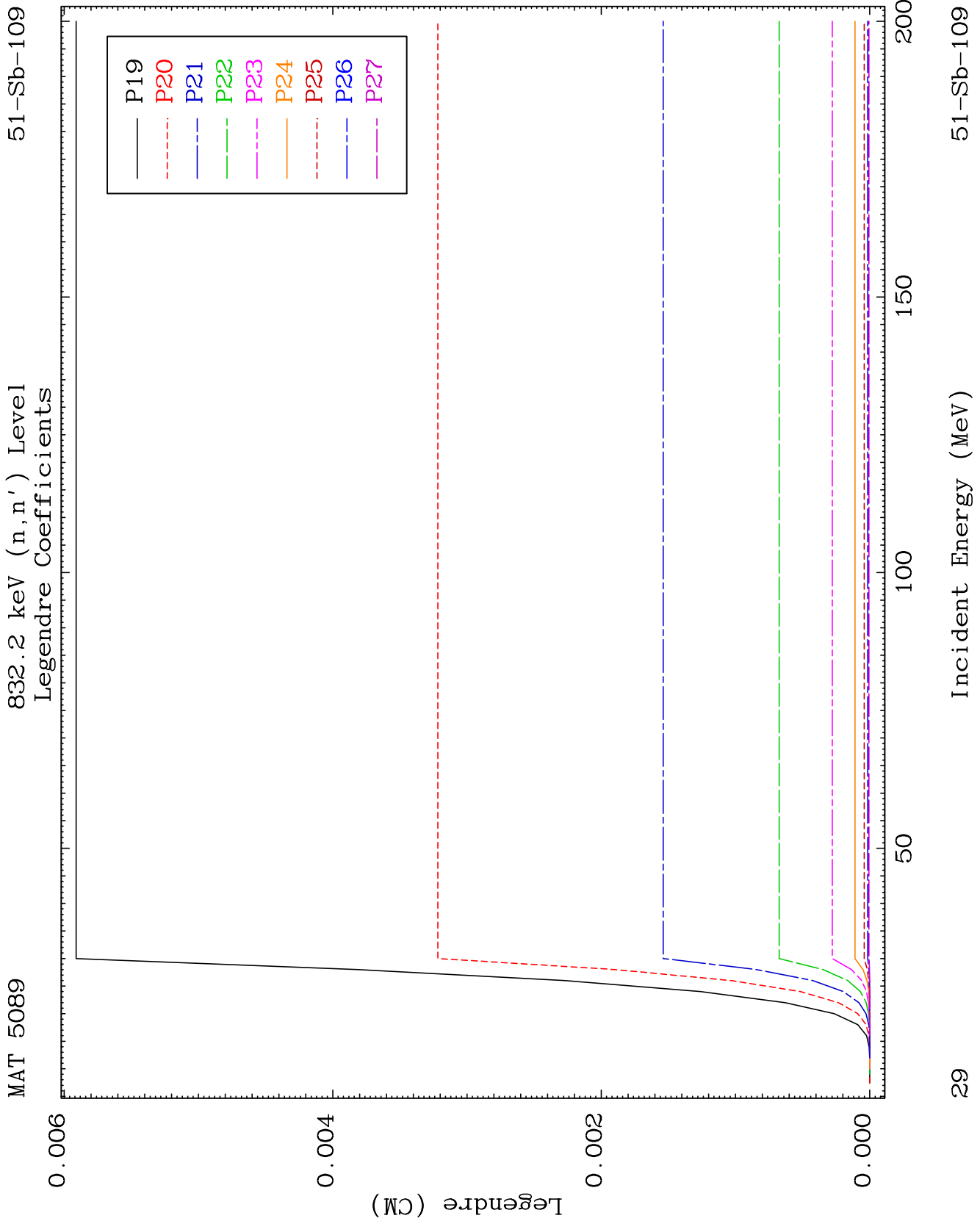
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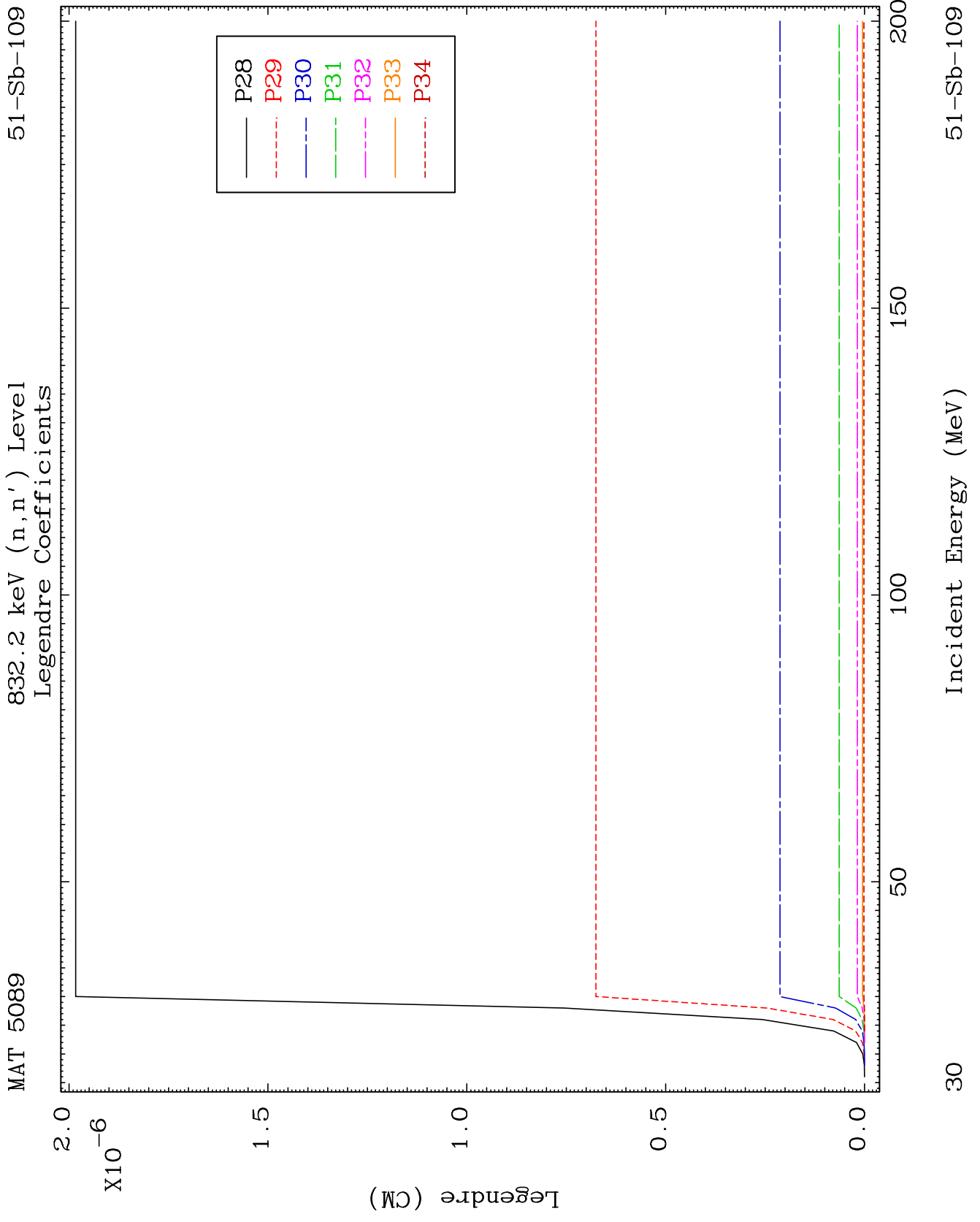


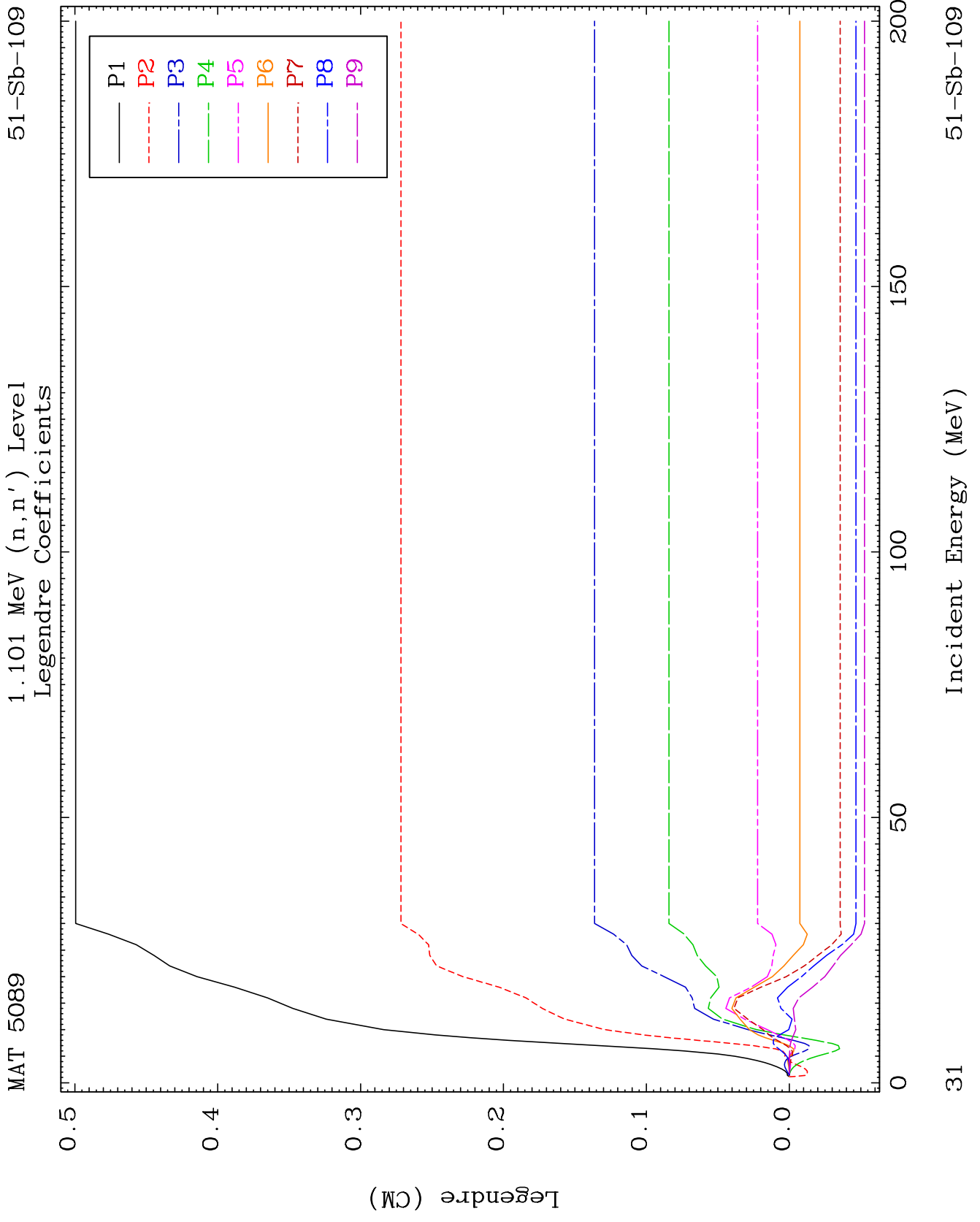
28

Incident Energy (MeV)

51-Sb-109



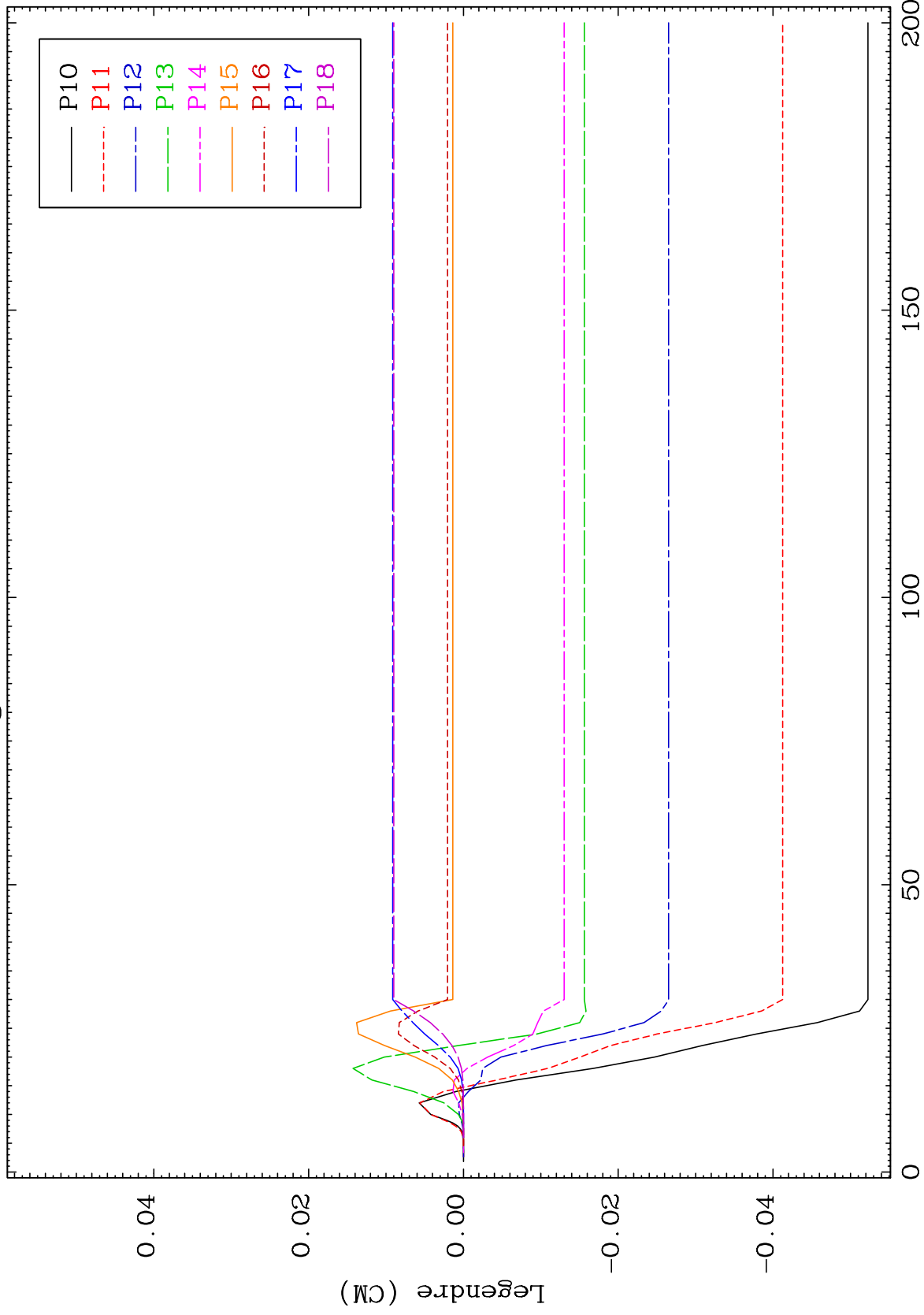




MAT 5089

1.101 MeV (n,n') Level
Legendre Coefficients

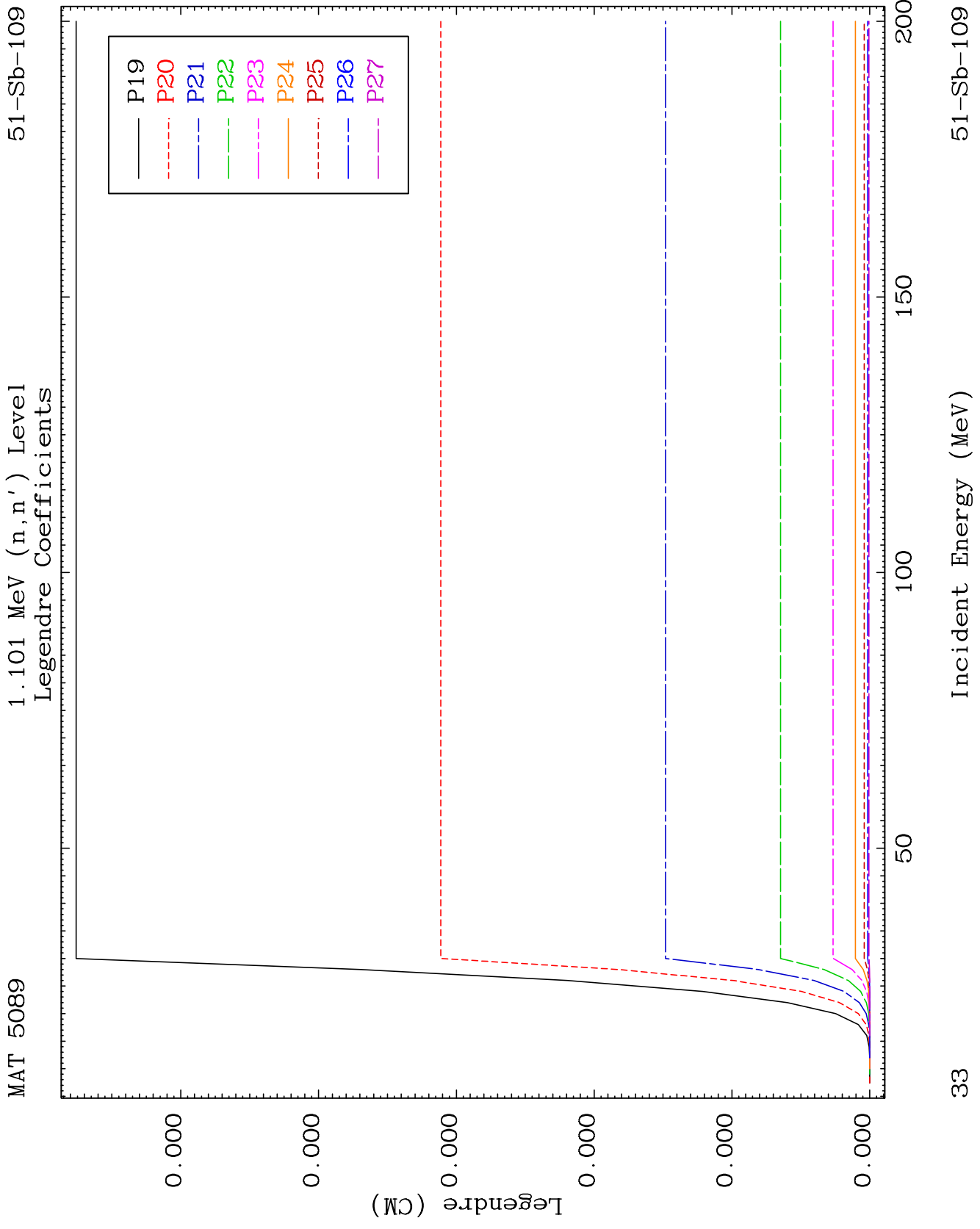
51-Sb-109



32

Incident Energy (MeV)

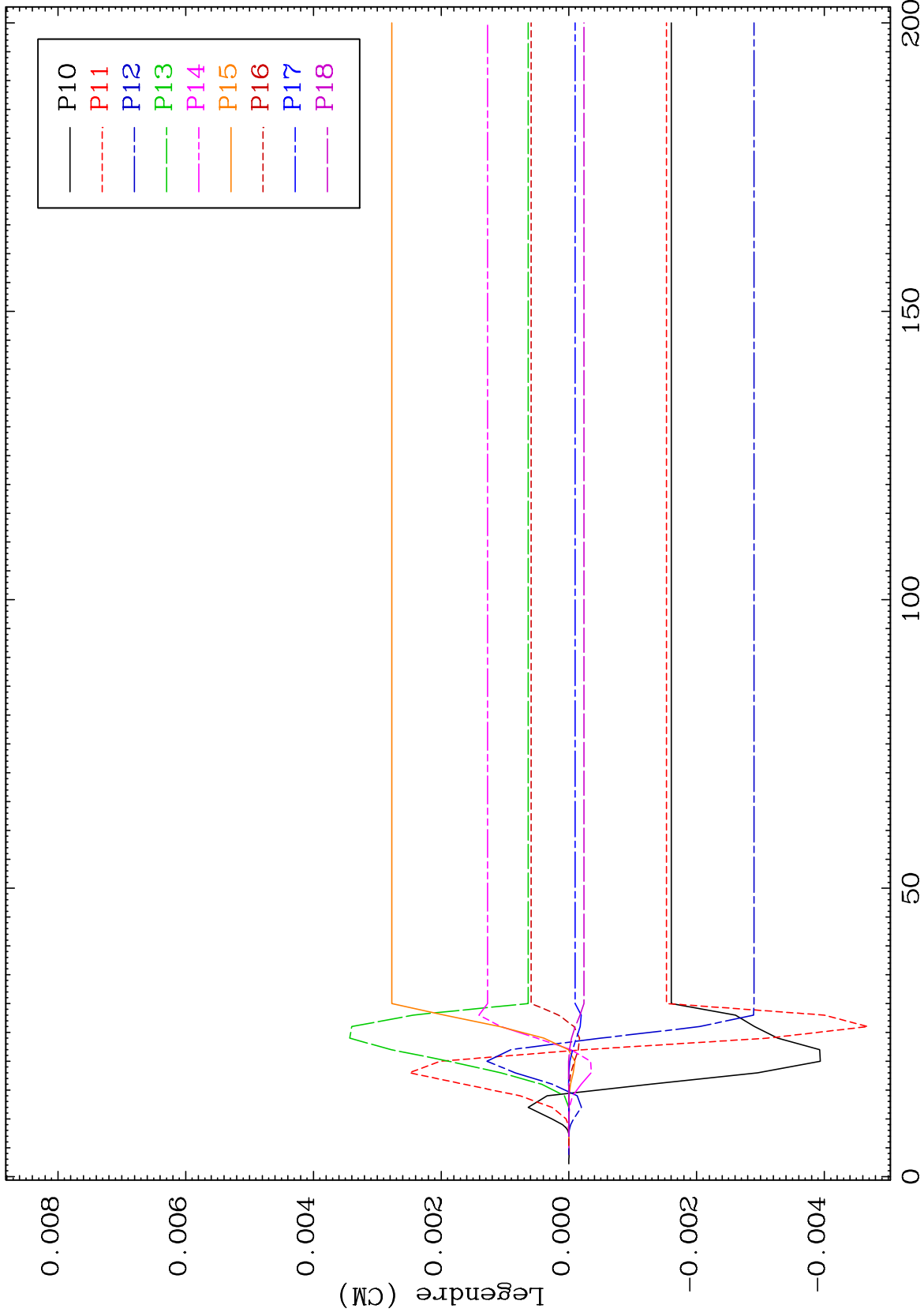
51-Sb-109



MAT 5089

1.331 MeV (n,n') Level
Legendre Coefficients

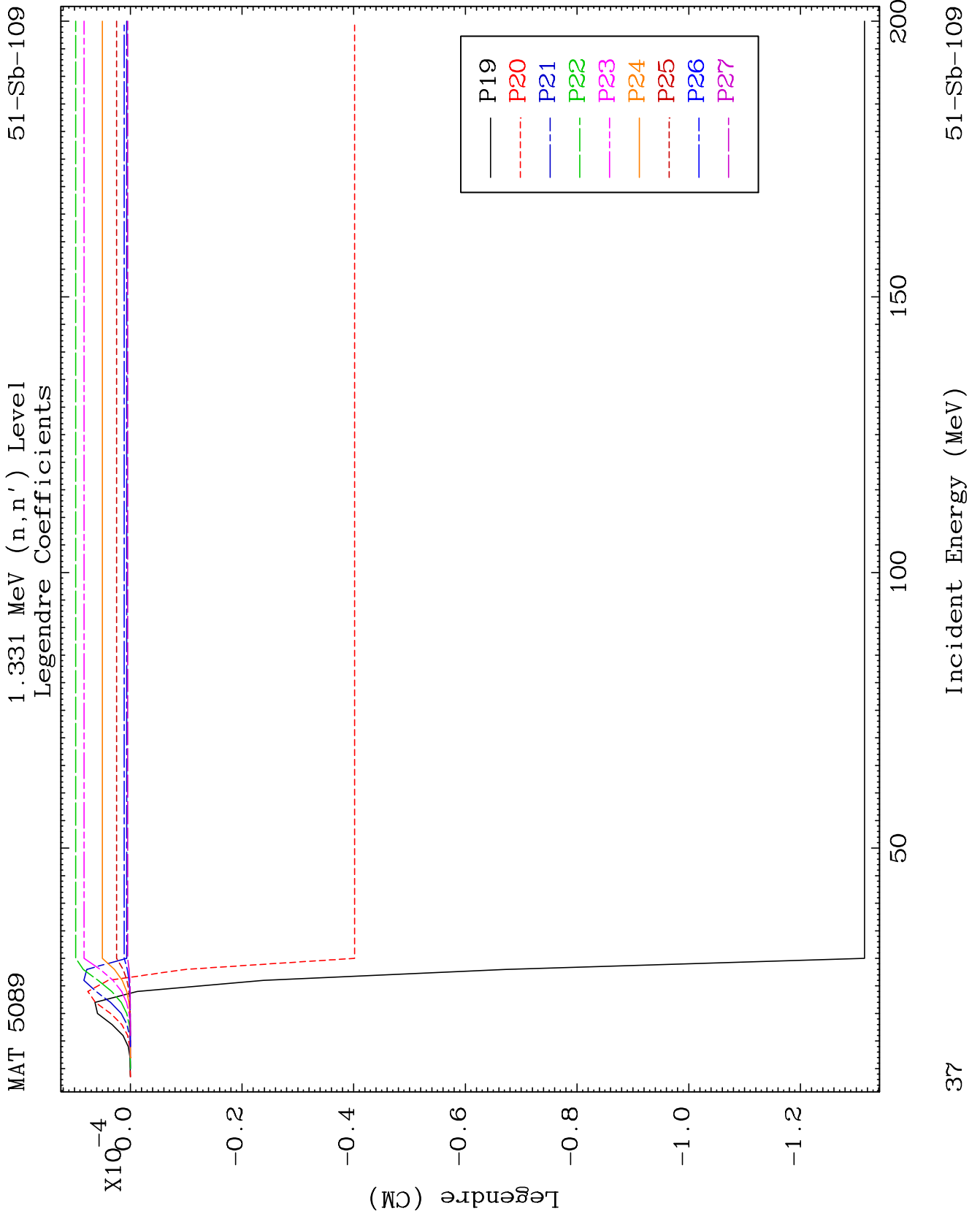
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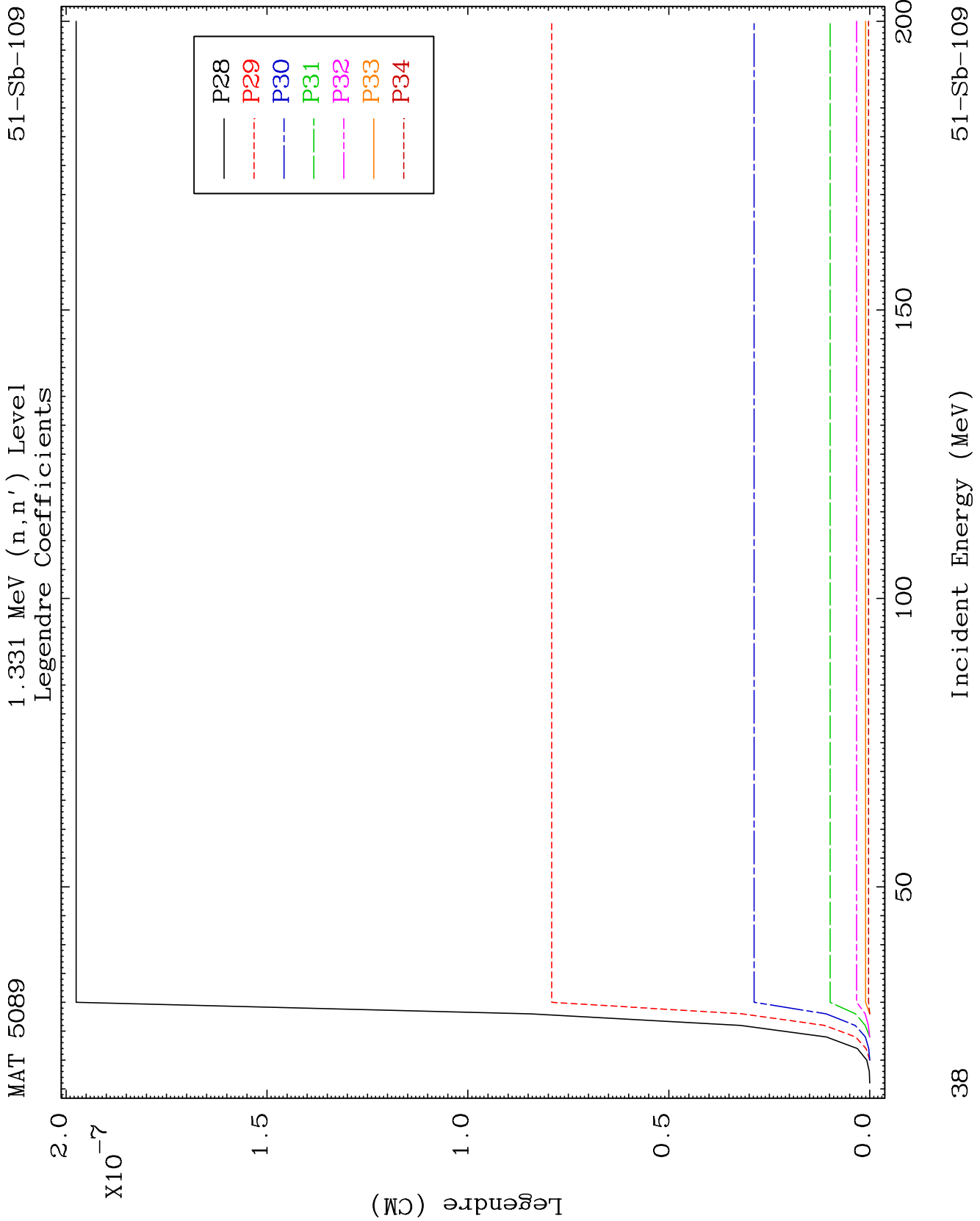


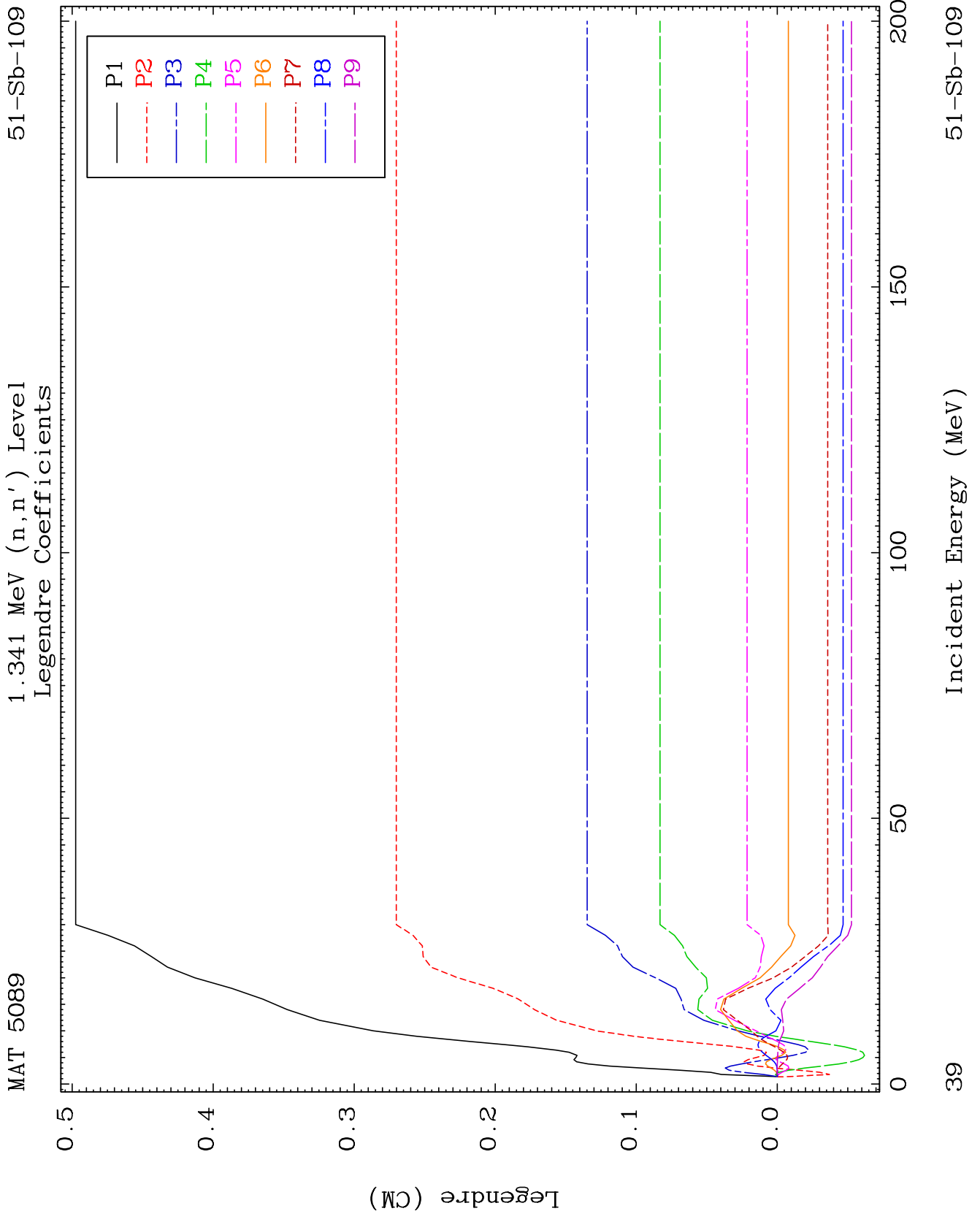
36

Incident Energy (MeV)

51-Sb-109



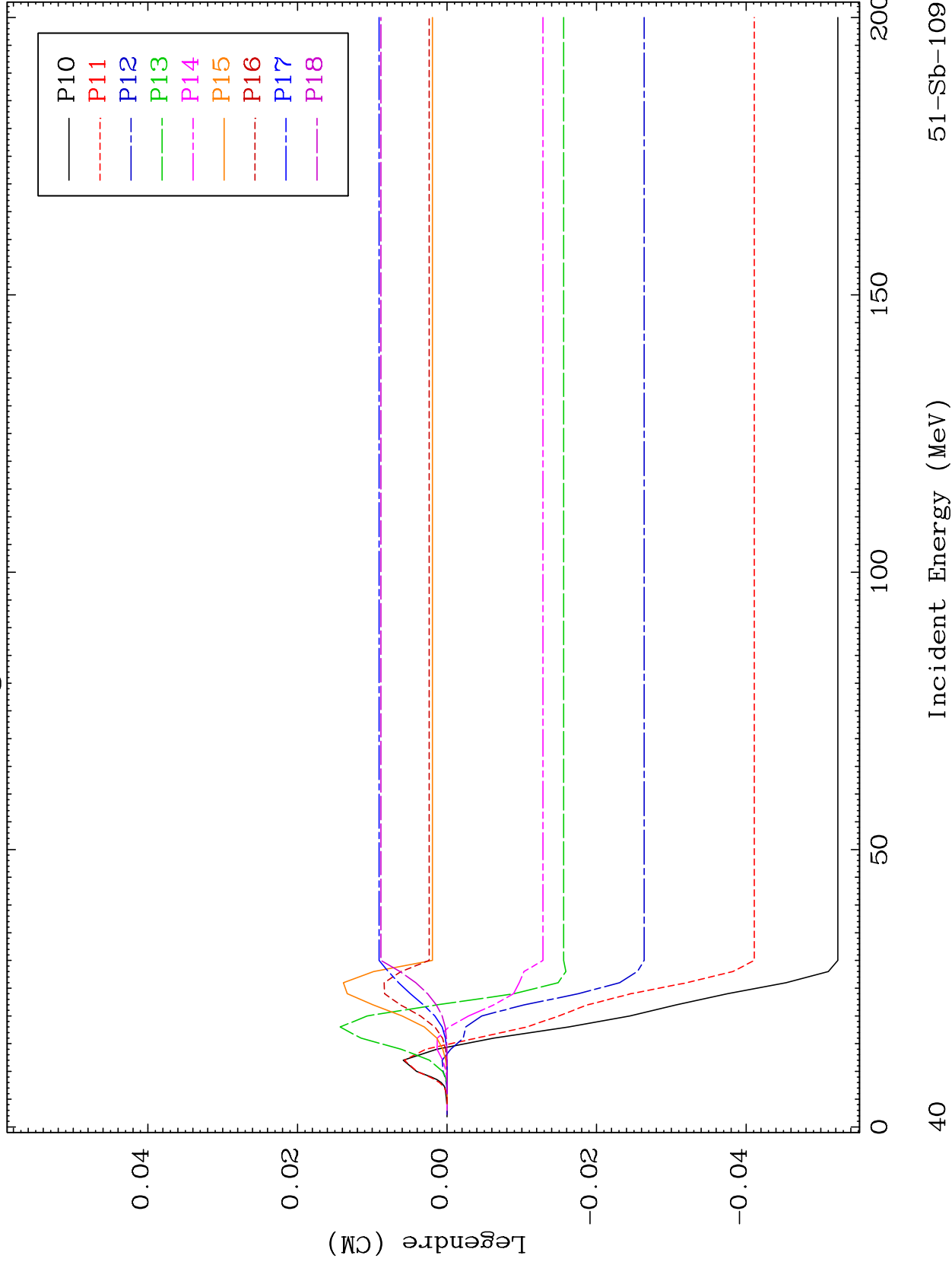




MAT 5089

1.341 MeV (n,n') Level
Legendre Coefficients

51-Sb-109

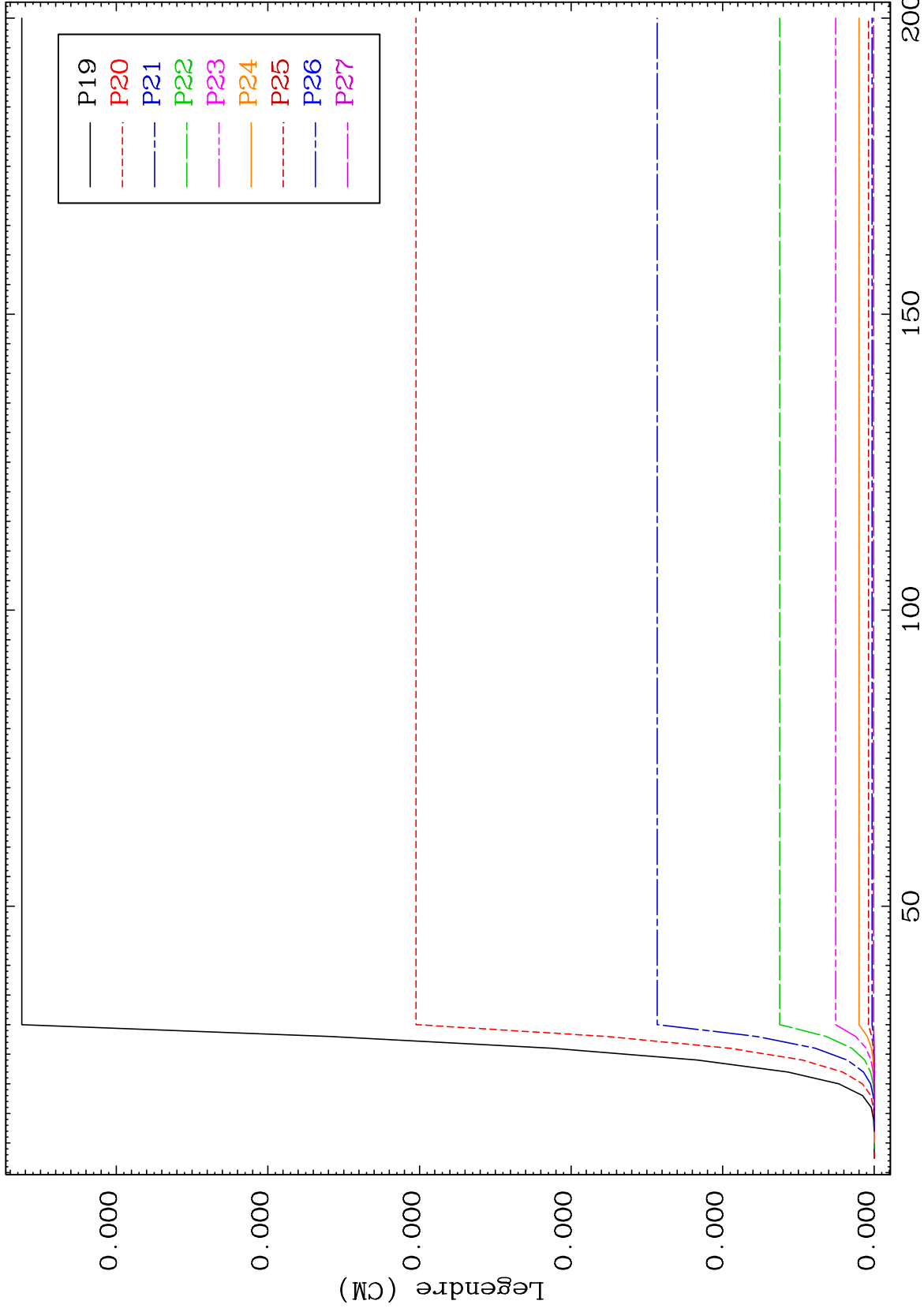


51-Sb-109

MAT 5089

1.341 MeV (n,n') Level
Legendre Coefficients

51-Sb-109



41

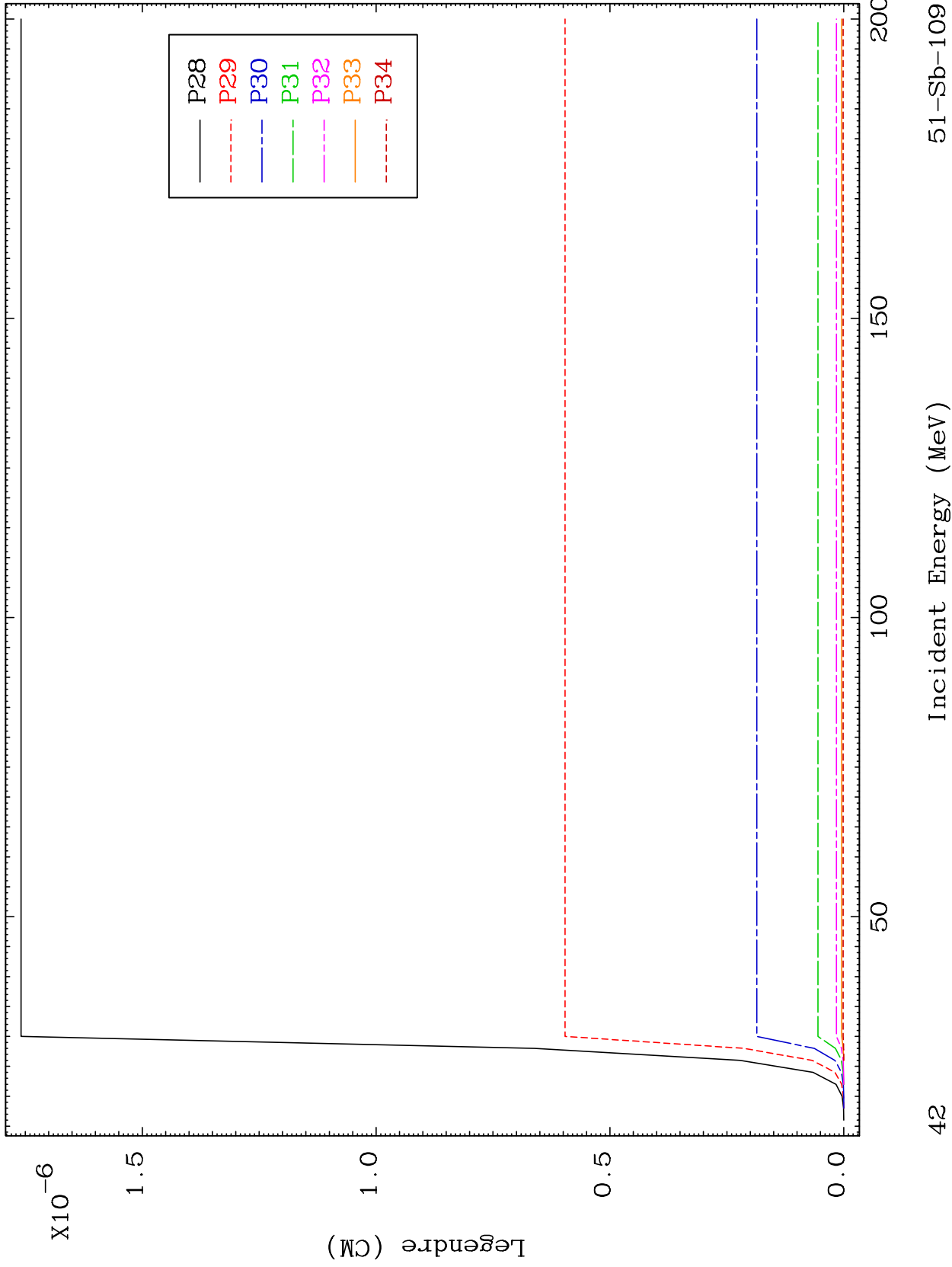
Incident Energy (MeV)

51-Sb-109

MAT 5089

1.341 MeV (n,n') Level
Legendre Coefficients

51-Sb-109



42

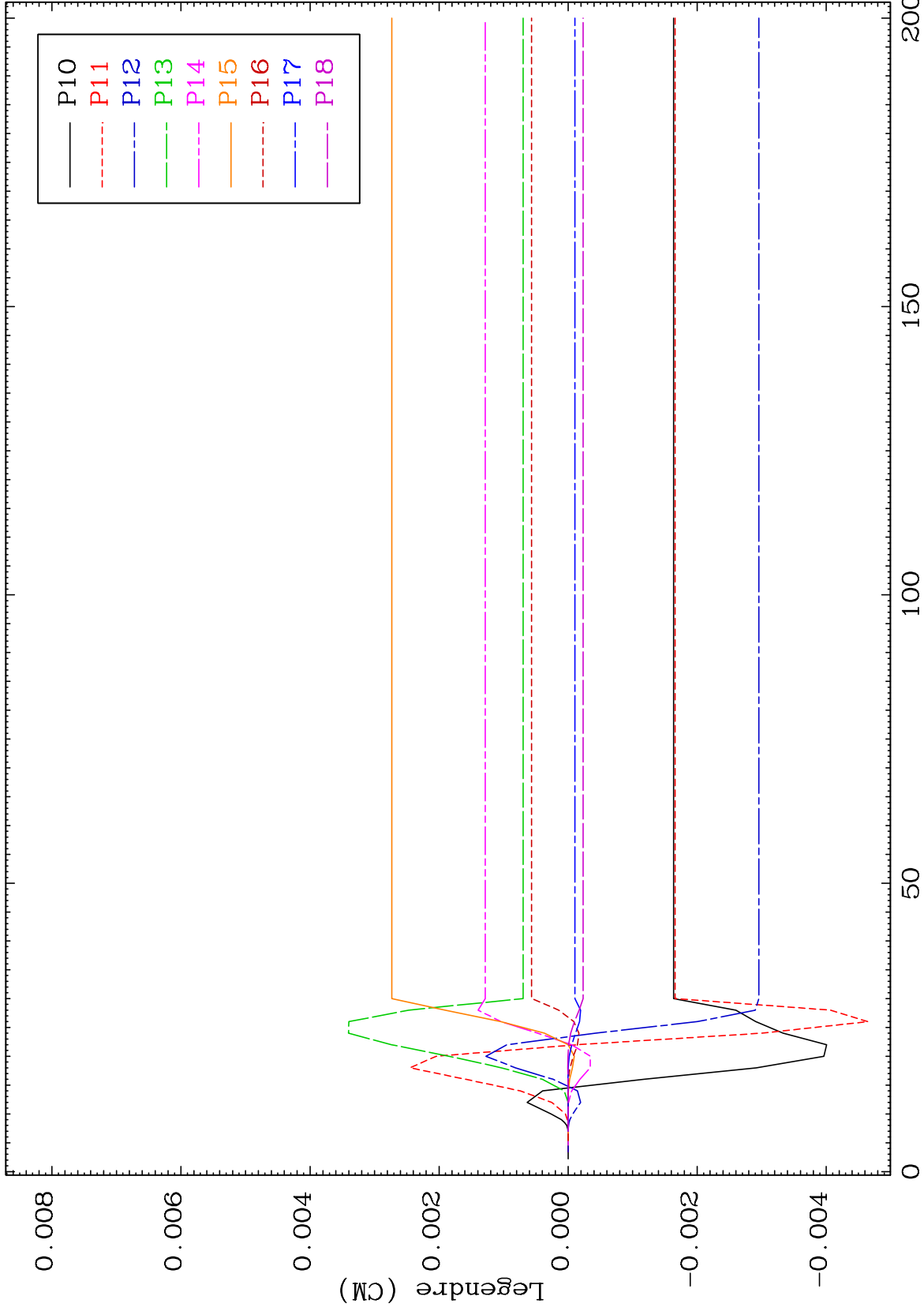
Incident Energy (MeV)

51-Sb-109

MAT 5089

1.501 MeV (n,n') Level
Legendre Coefficients

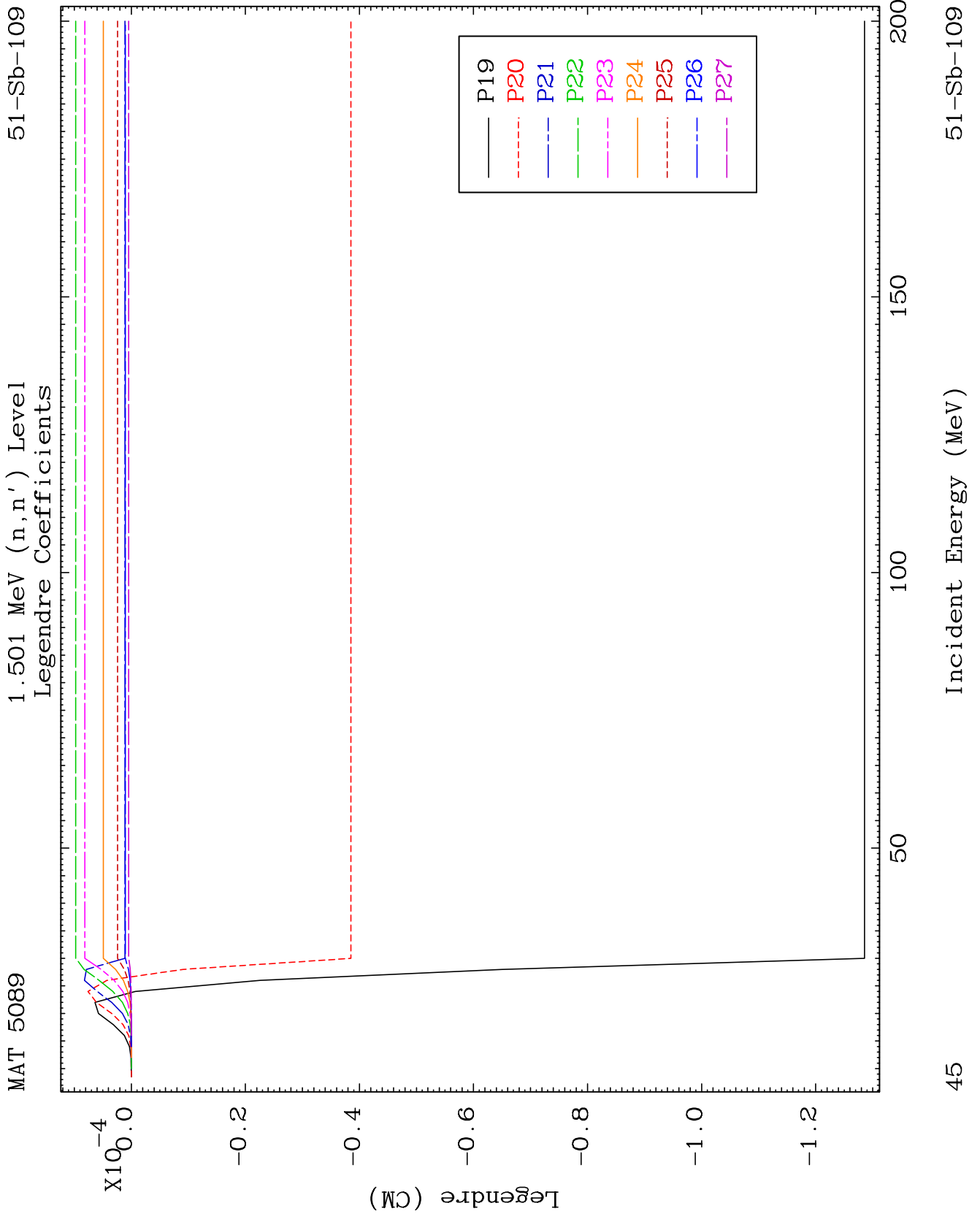
51-Sb-109

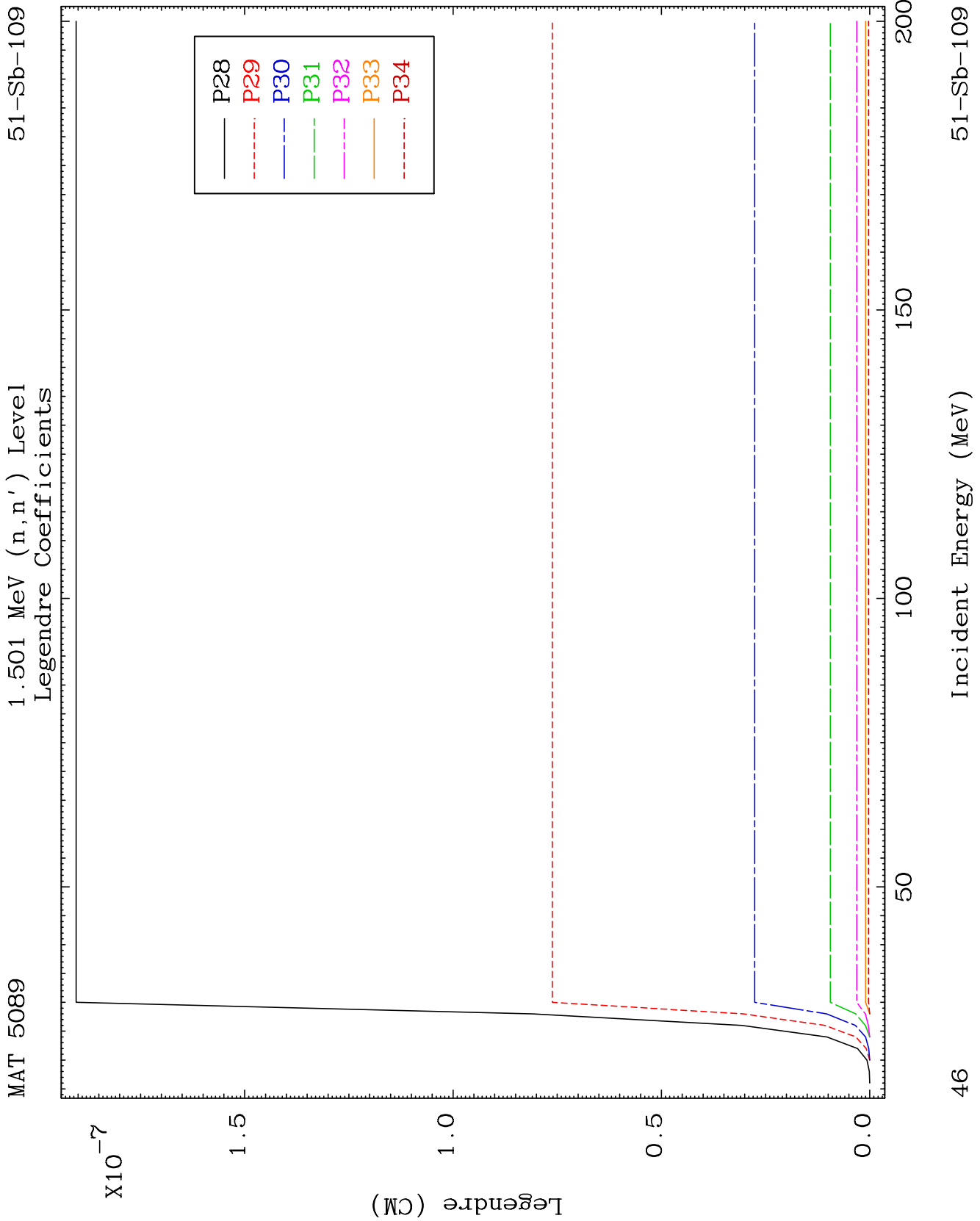


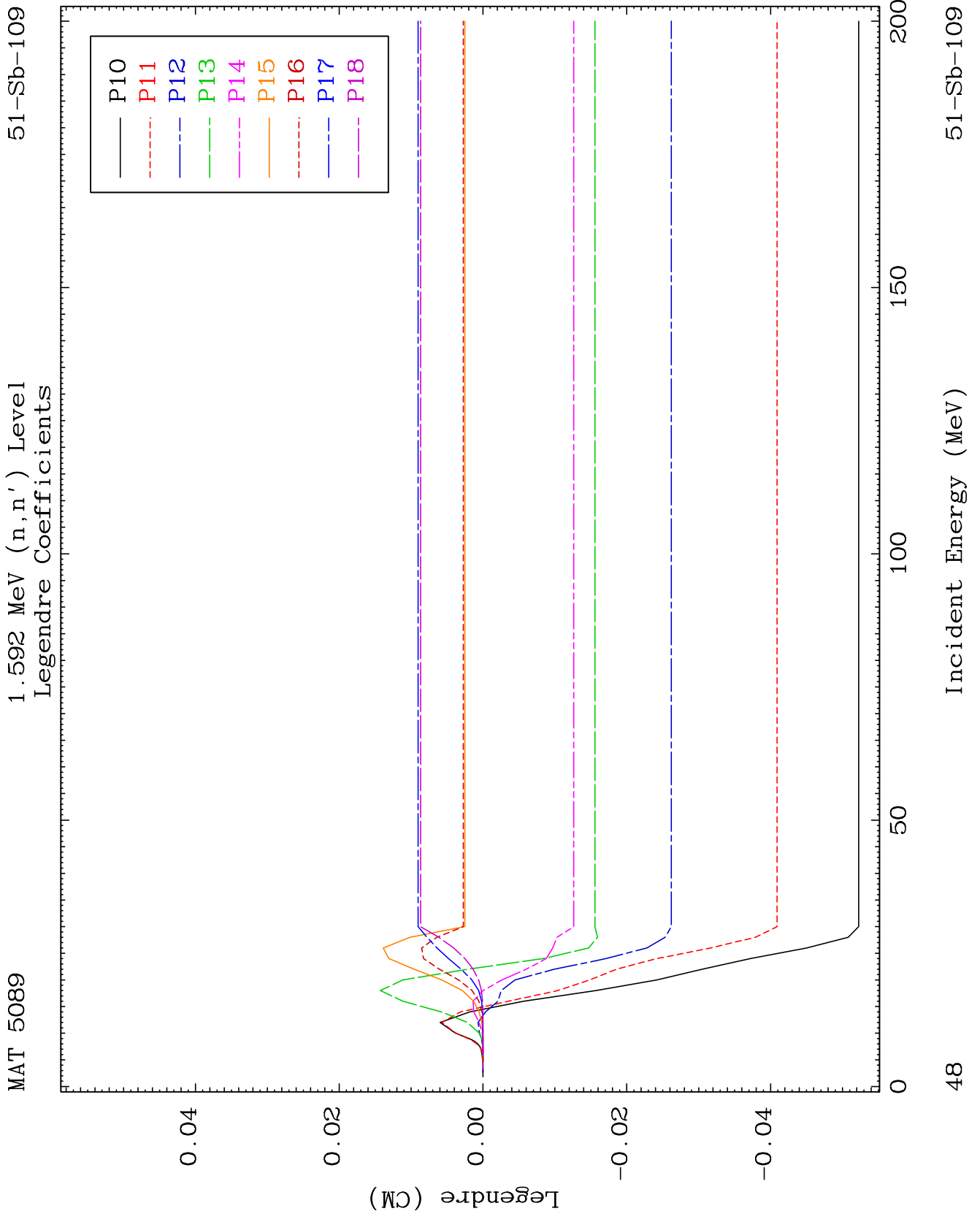
44

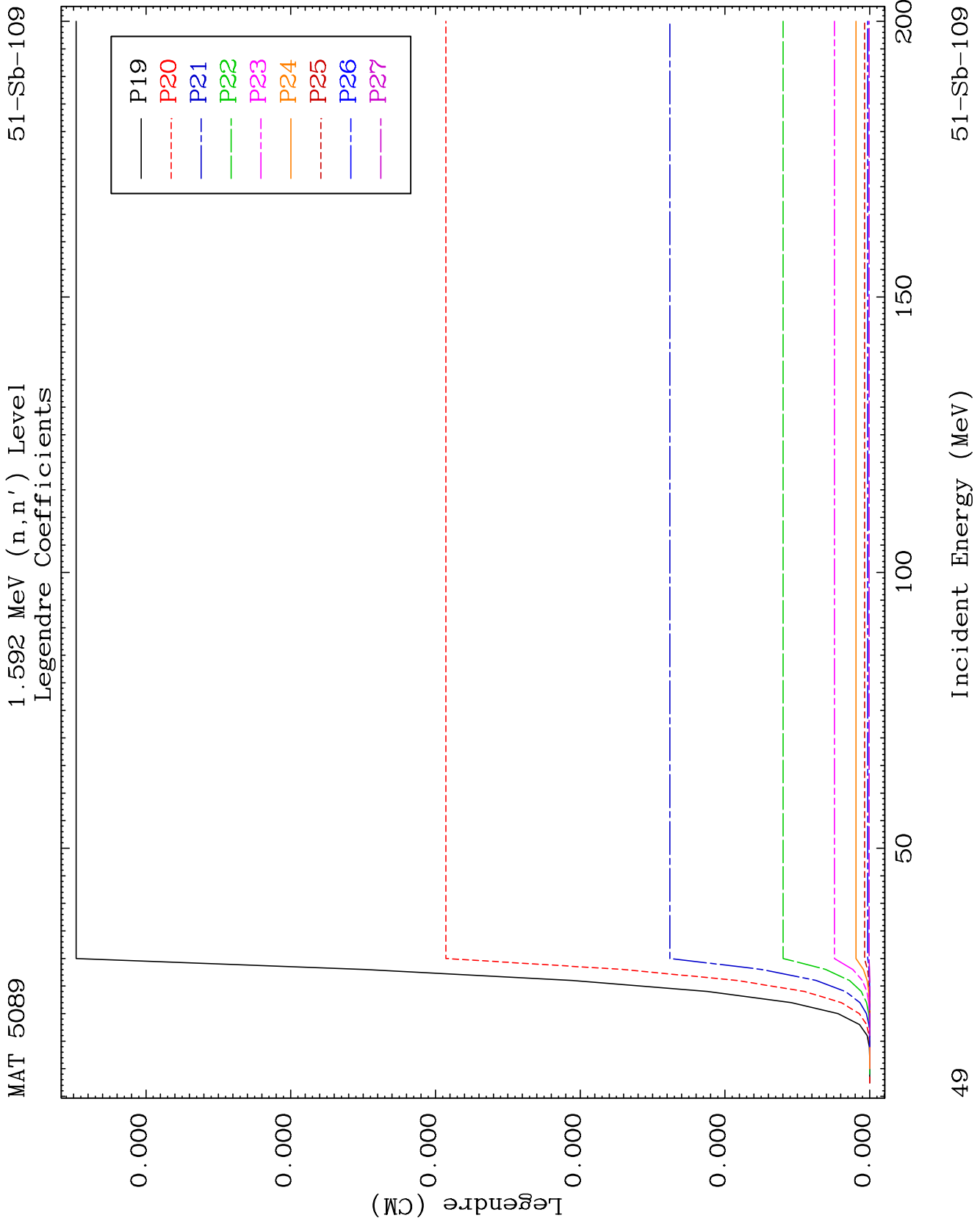
Incident Energy (MeV)

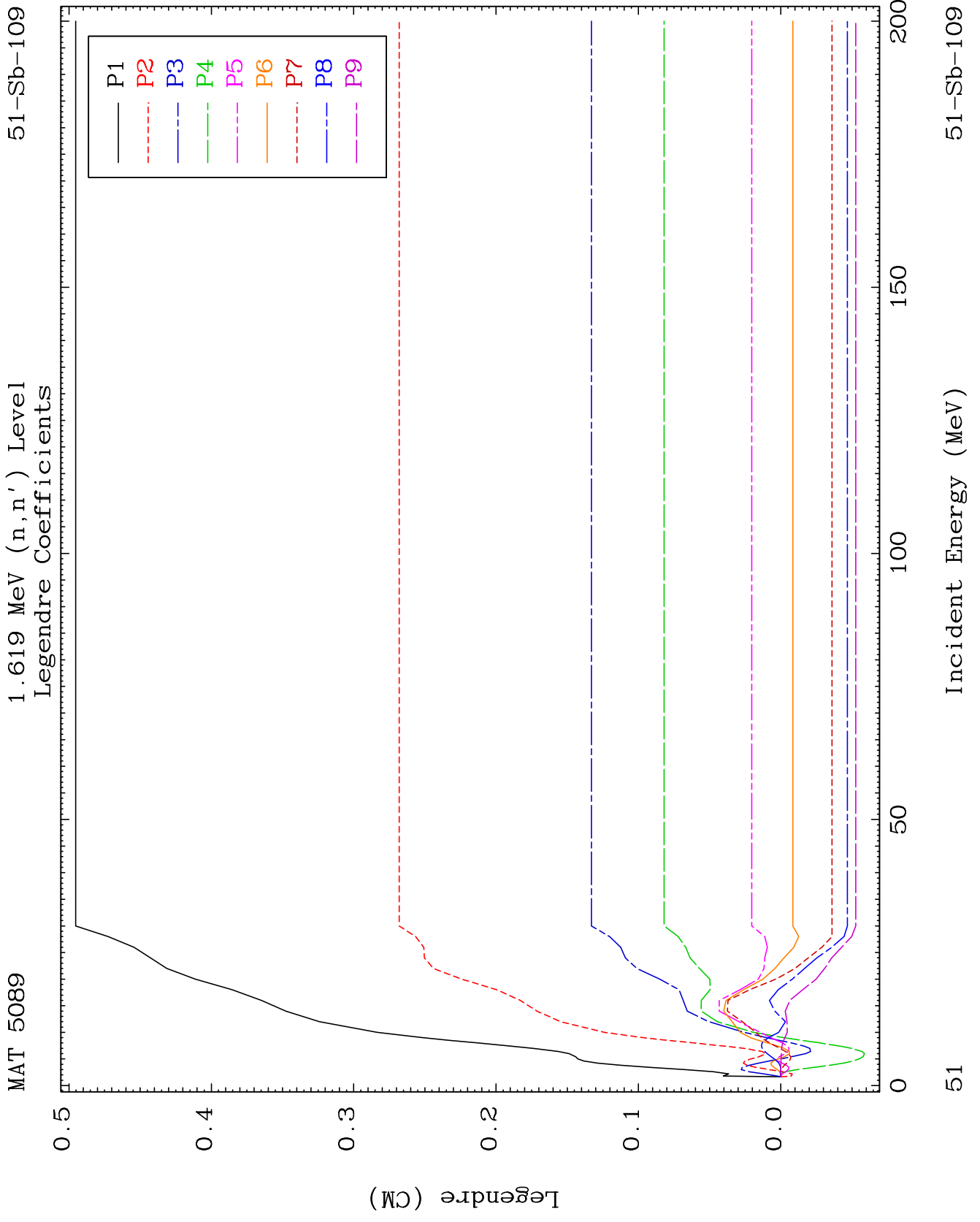
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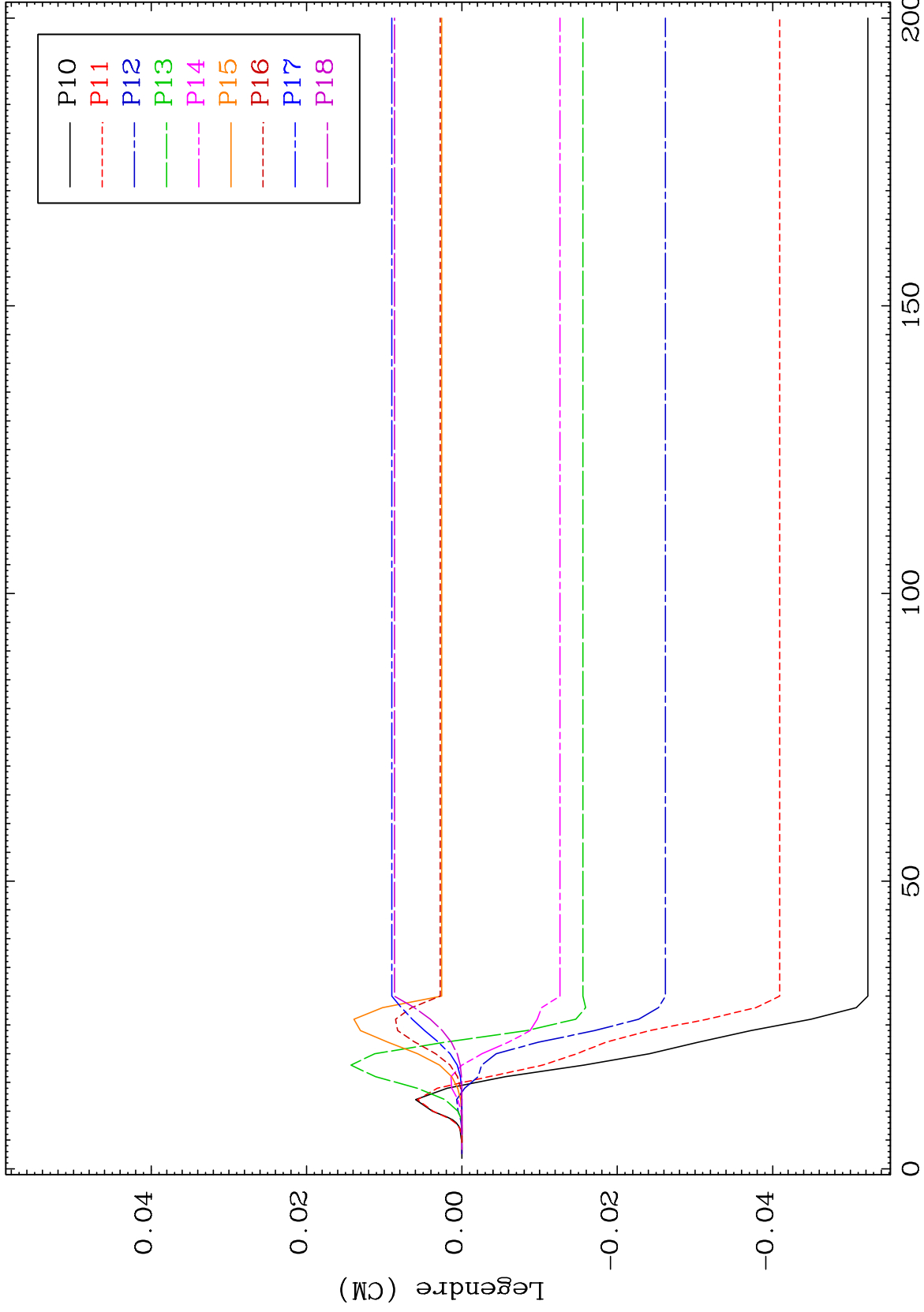




MAT 5089

1.619 MeV (n,n') Level
Legendre Coefficients

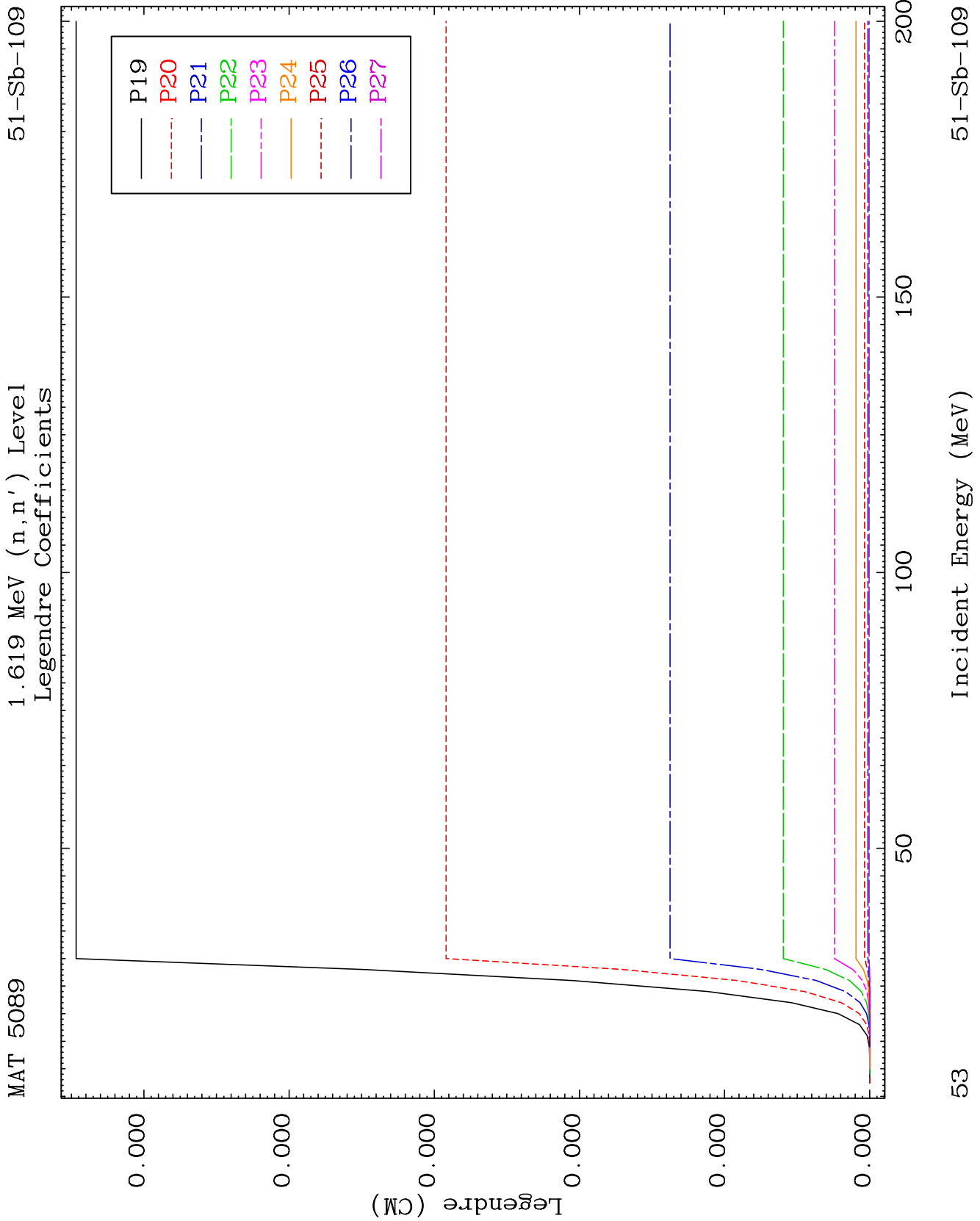
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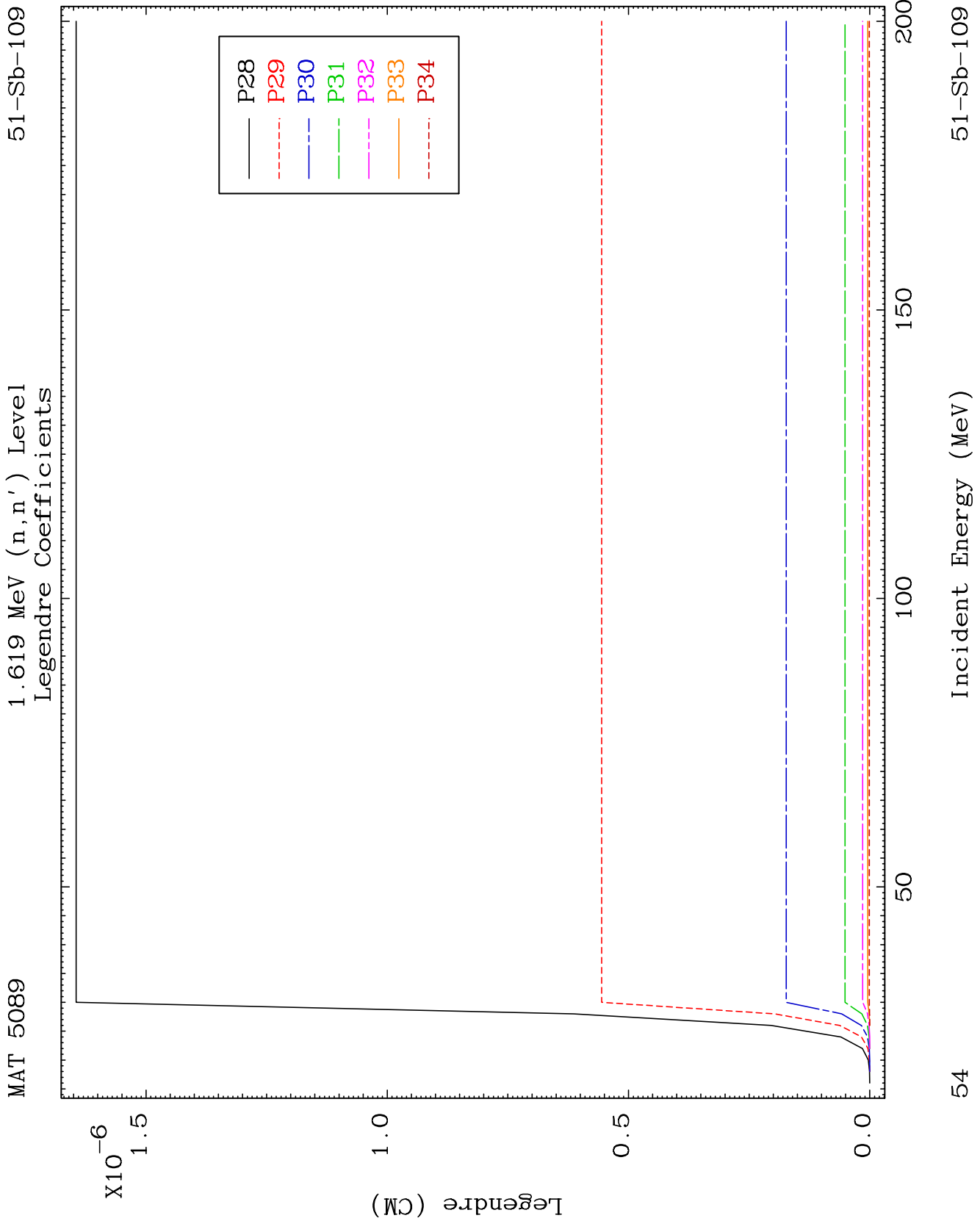


52

Incident Energy (MeV)

51-Sb-109



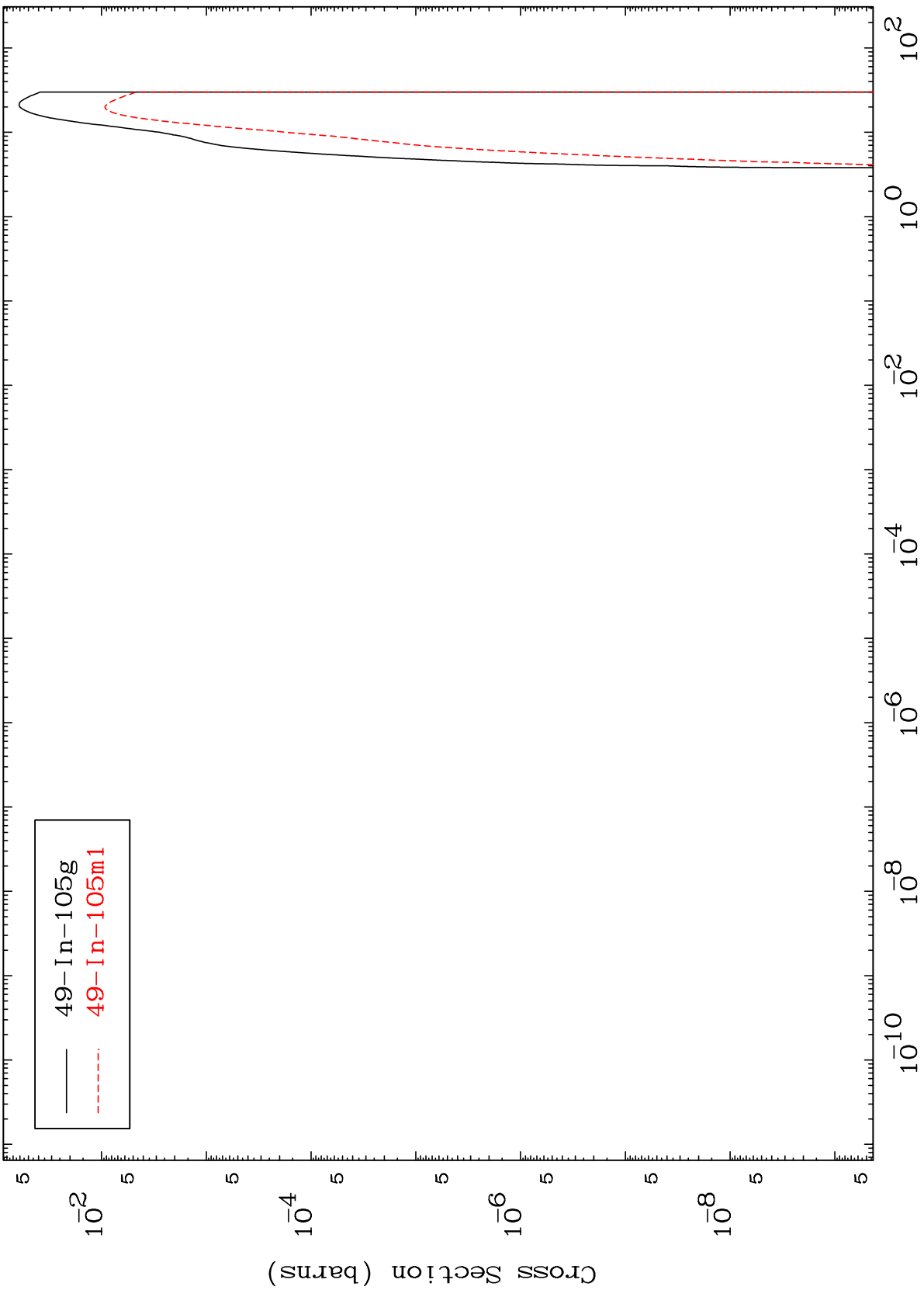


MAT 5089

(n,n') α

51-Sb-109

Radionuclide Production Cross Section



— 49-In-105g
- - - 49-In-105m1

55

Incident Energy (MeV)

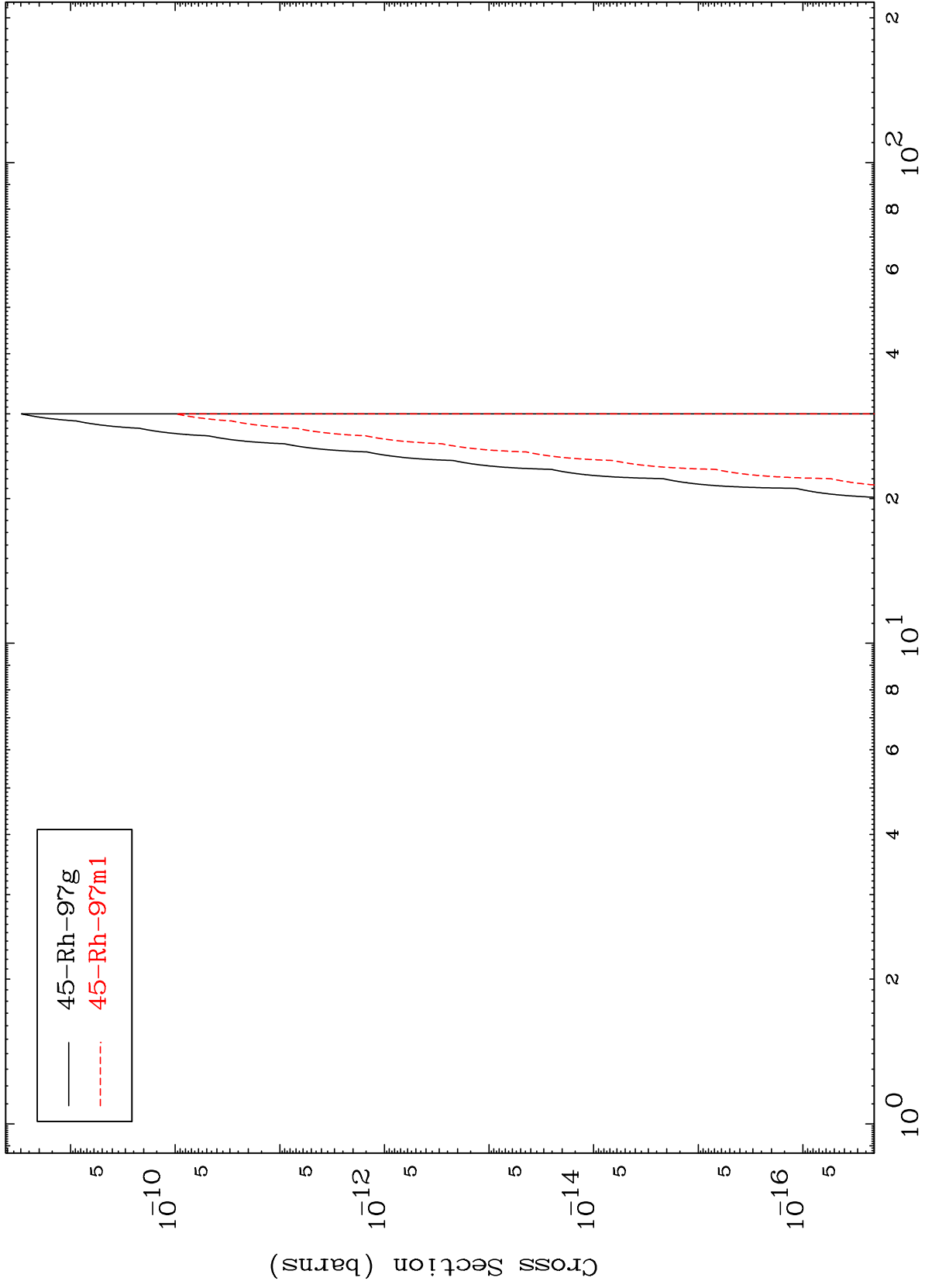
51-Sb-109

MAT 5089

(n,n') 3 α

51-Sb-109

Radionuclide Production Cross Section



— 45-Rh-97g
- - - 45-Rh-97m1

56

Incident Energy (MeV)

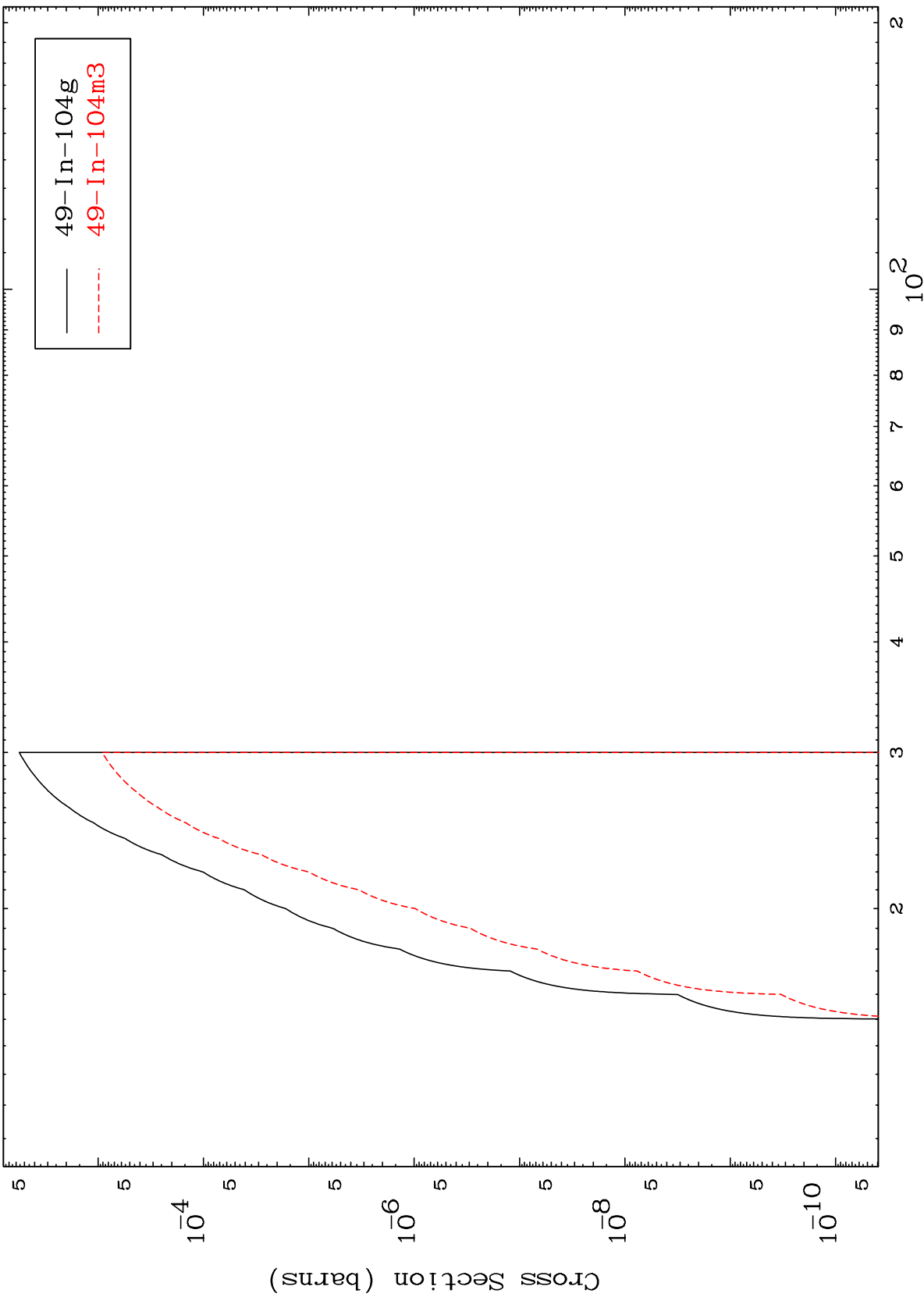
51-Sb-109

MAT 5089

(n,2n) α

51-Sb-109

Radionuclide Production Cross Section

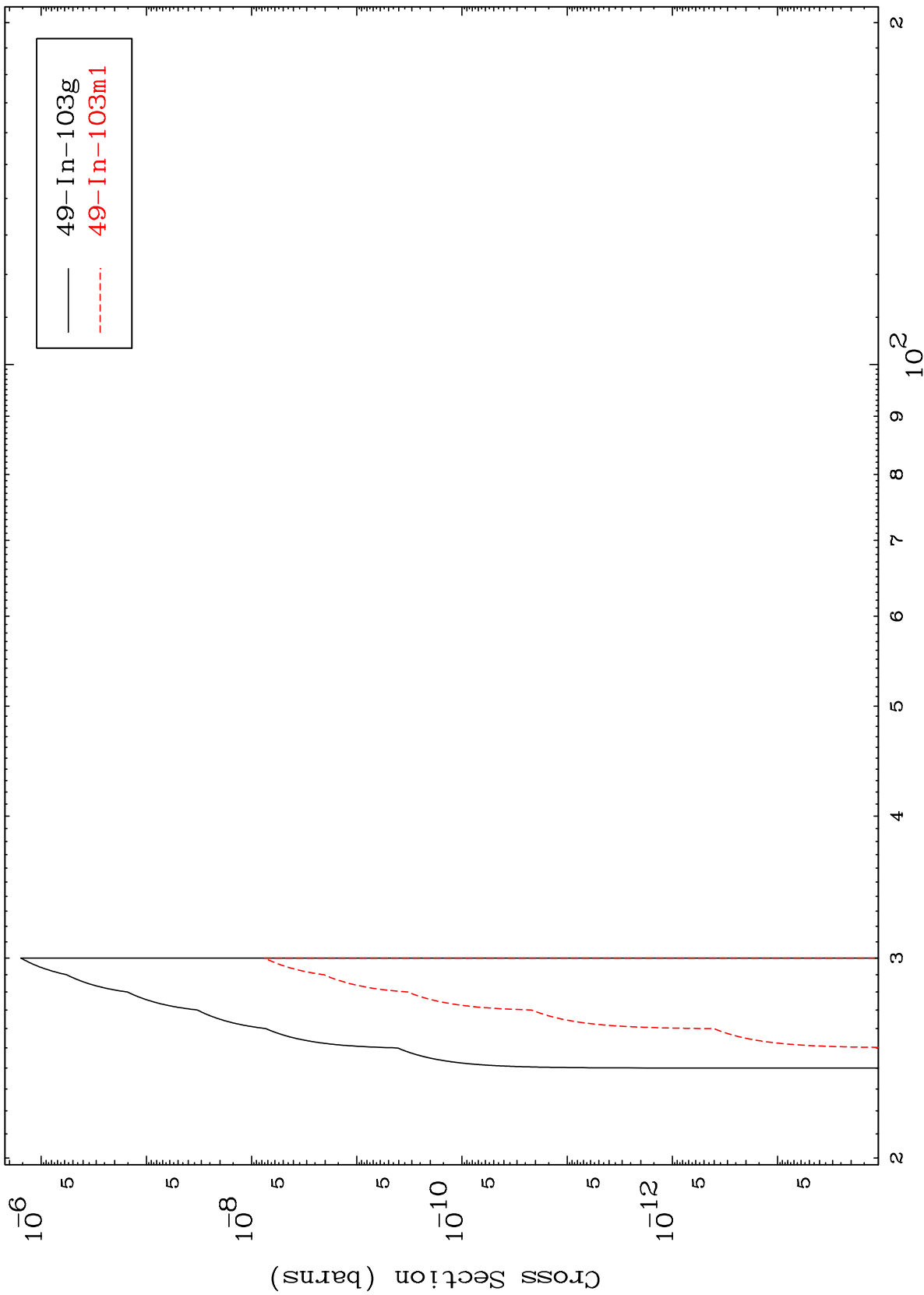


57

Incident Energy (MeV)

51-Sb-109

Radionuclide Production Cross Section



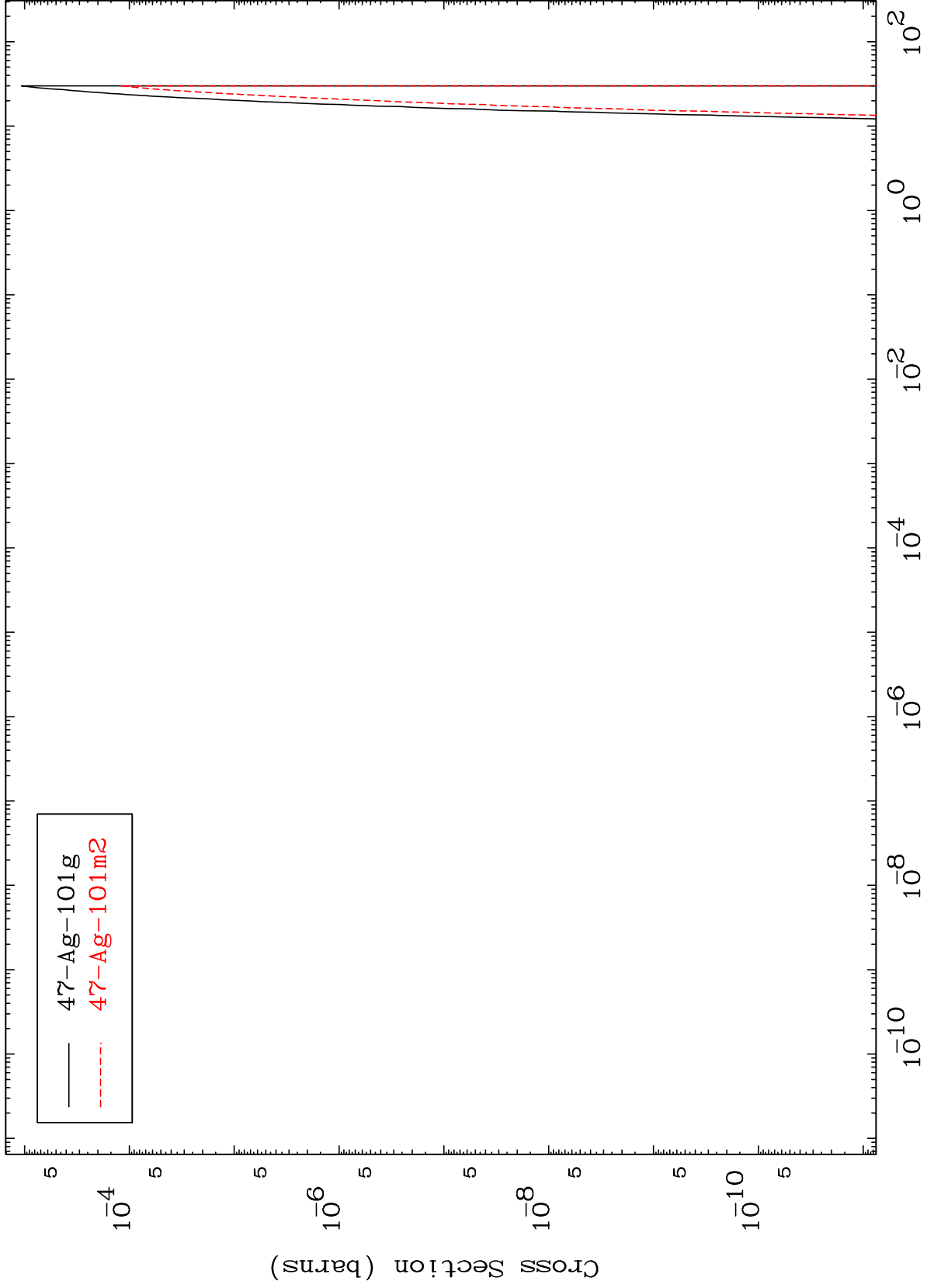
49-In-103g
49-In-103m1

MAT 5089

(n,n') 2 α

51-Sb-109

Radionuclide Production Cross Section



59

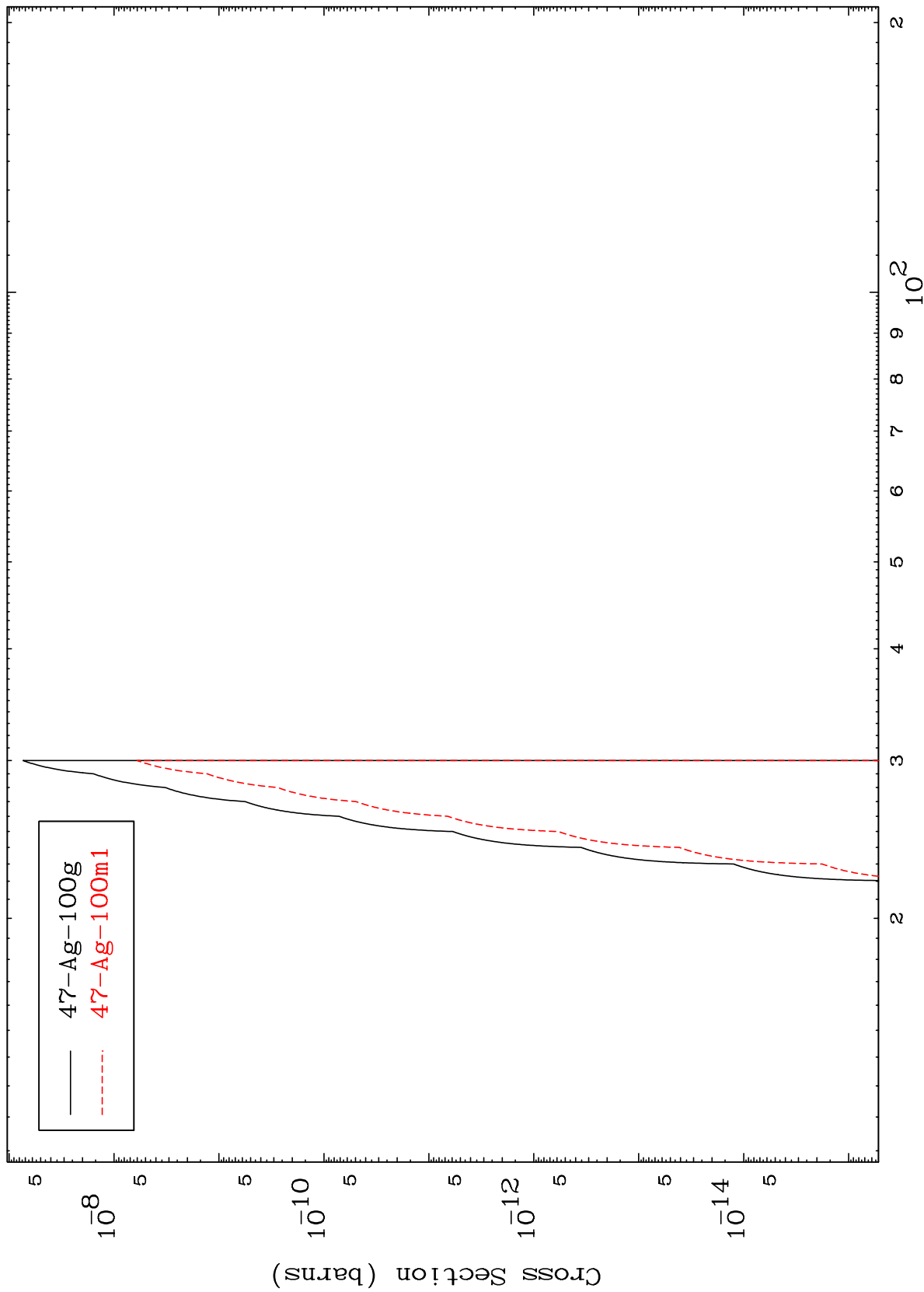
Incident Energy (MeV)

51-Sb-109

MAT 5089

51-Sb-109

(n,2n) 2 α
Radionuclide Production Cross Section



60

Incident Energy (MeV)

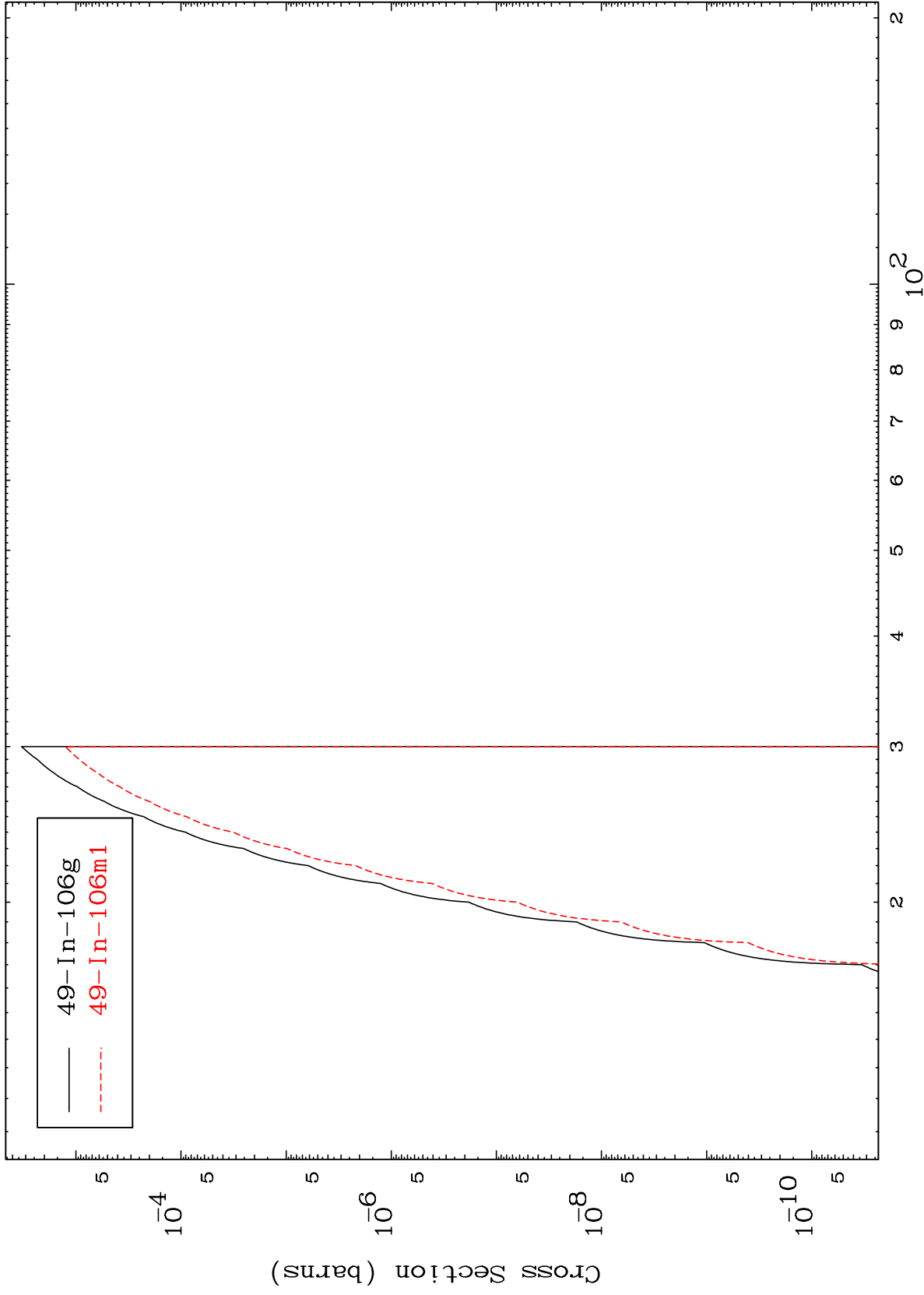
51-Sb-109

MAT 5089

(n,n') He-3

51-Sb-109

Radionuclide Production Cross Section



61

Incident Energy (MeV)

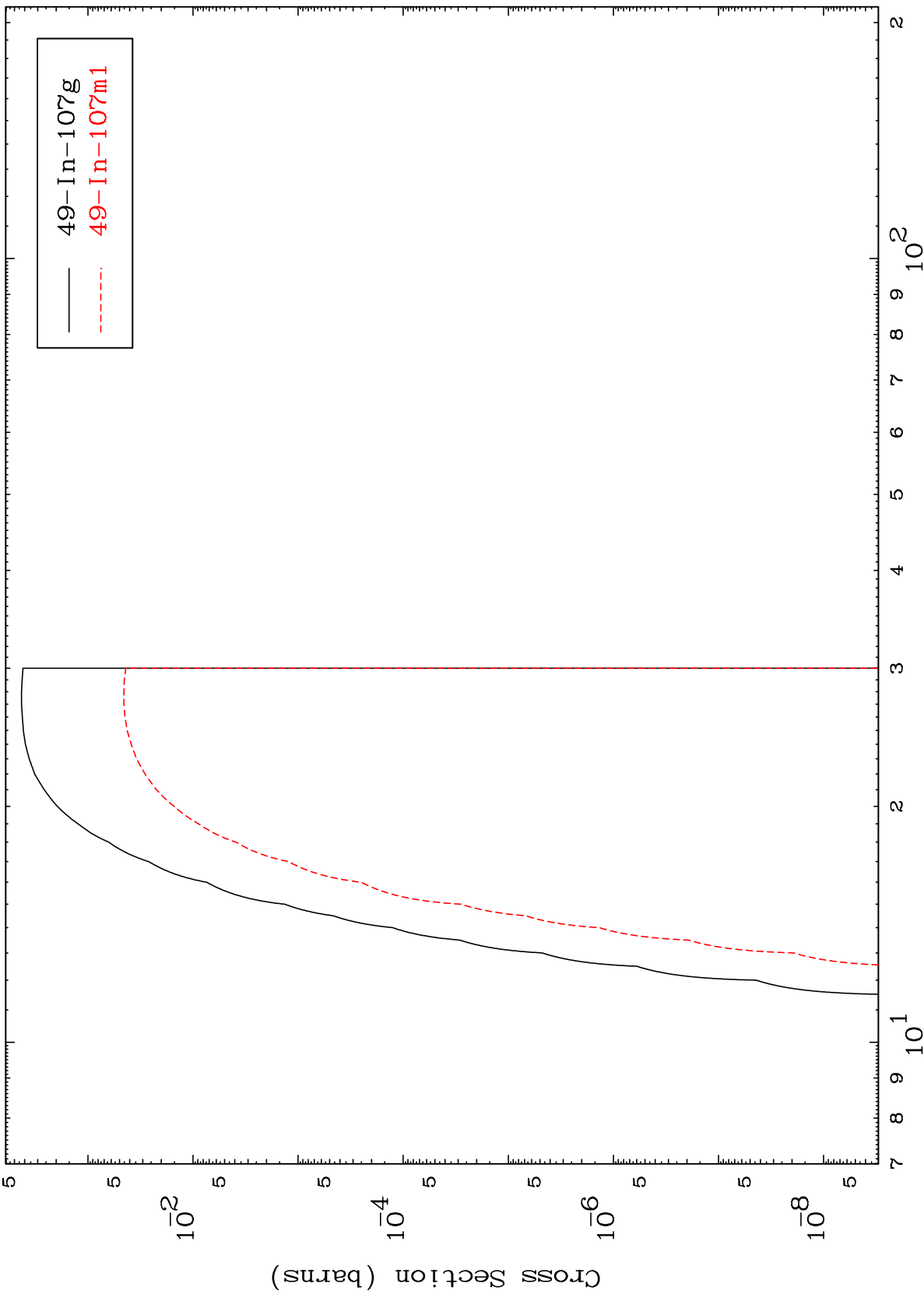
51-Sb-109

MAT 5089

(n,2n) p

51-Sb-109

Radionuclide Production Cross Section



62

Incident Energy (MeV)

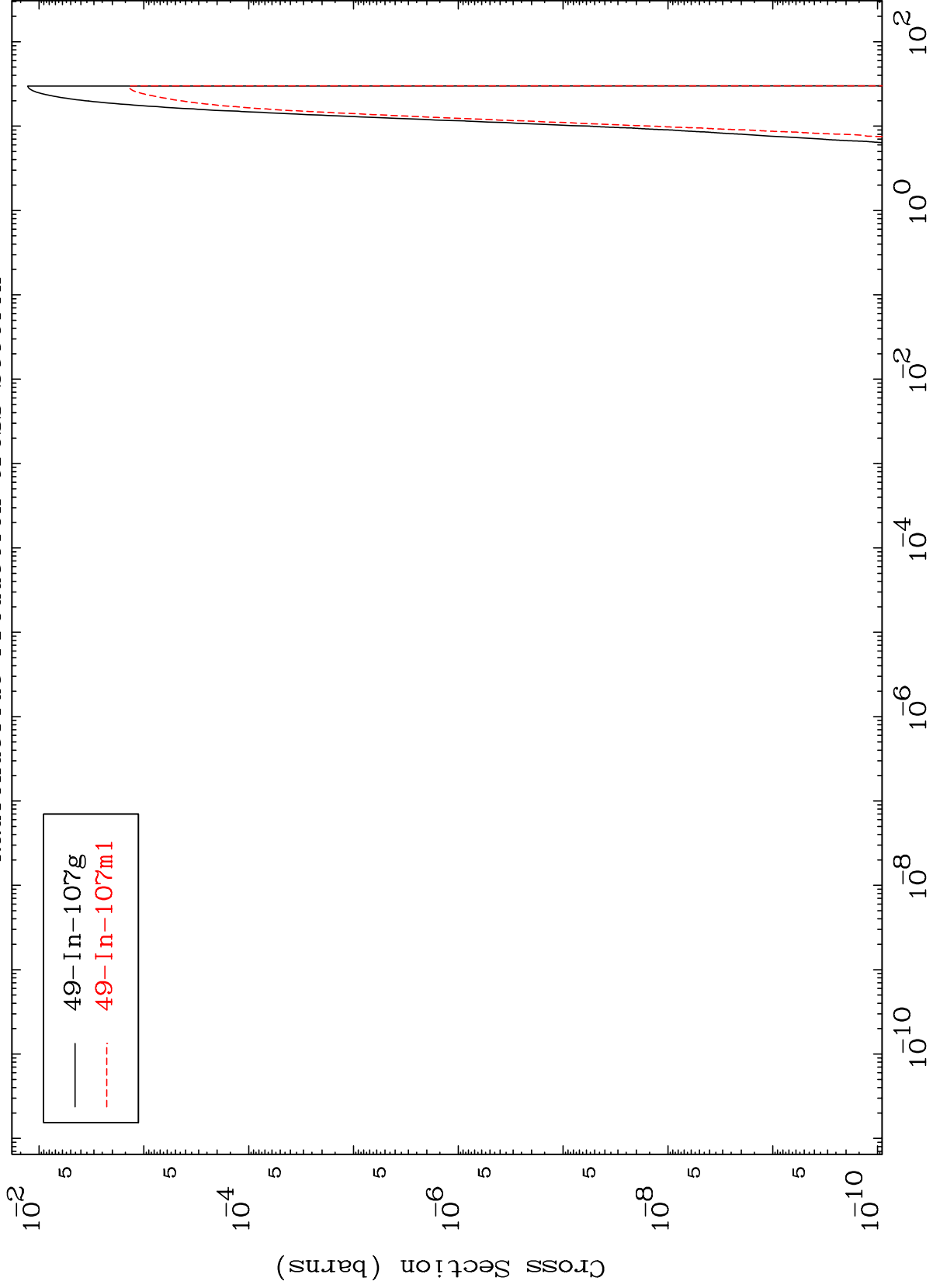
51-Sb-109

MAT 5089

(n,He-3)

51-Sb-109

Radionuclide Production Cross Section



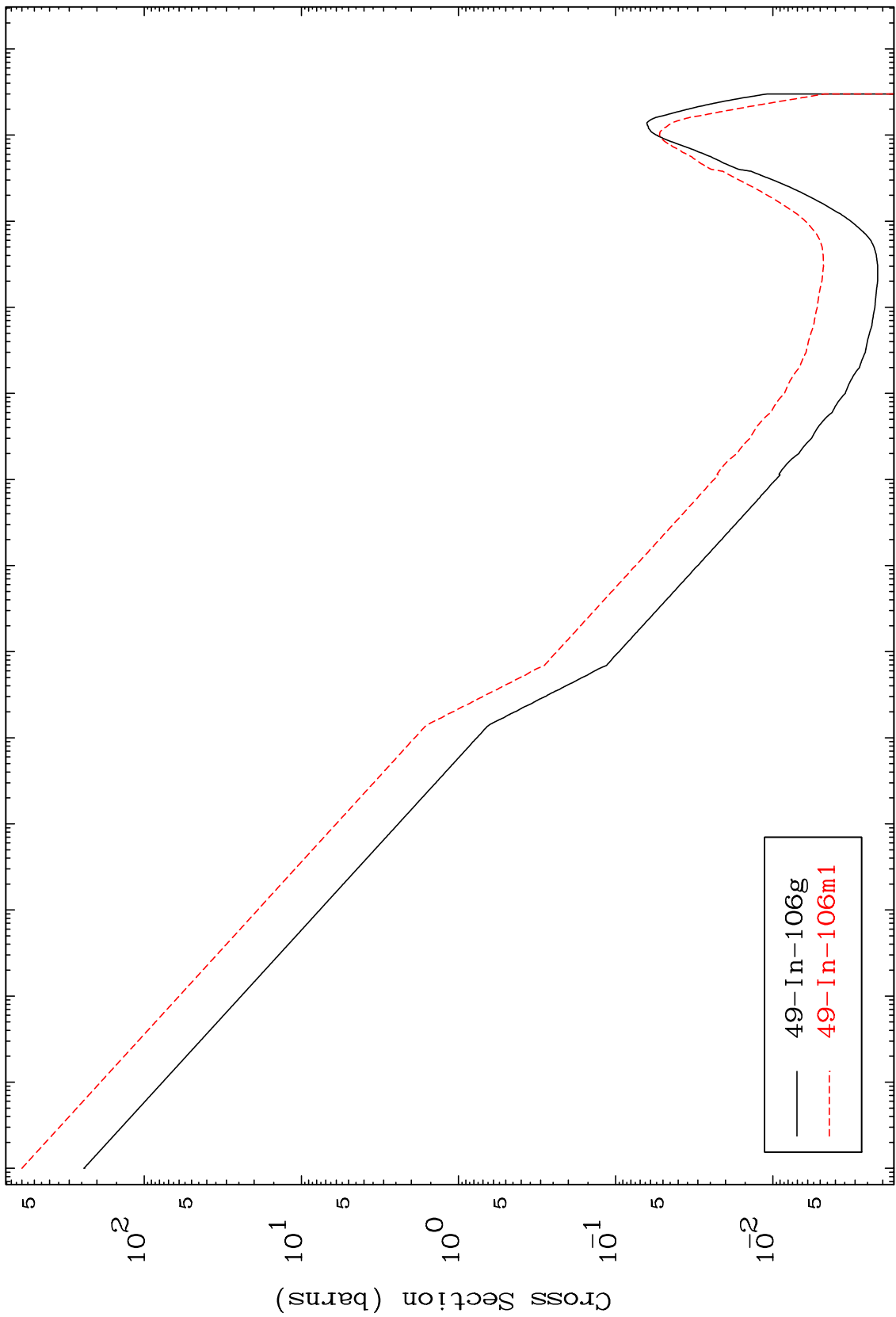
— 49-In-107g
- - - 49-In-107m1

MAT 5089

51-Sb-109

Radionuclide Production Cross Section

(n, α)



— 49-In-106g
- - - 49-In-106m1

64

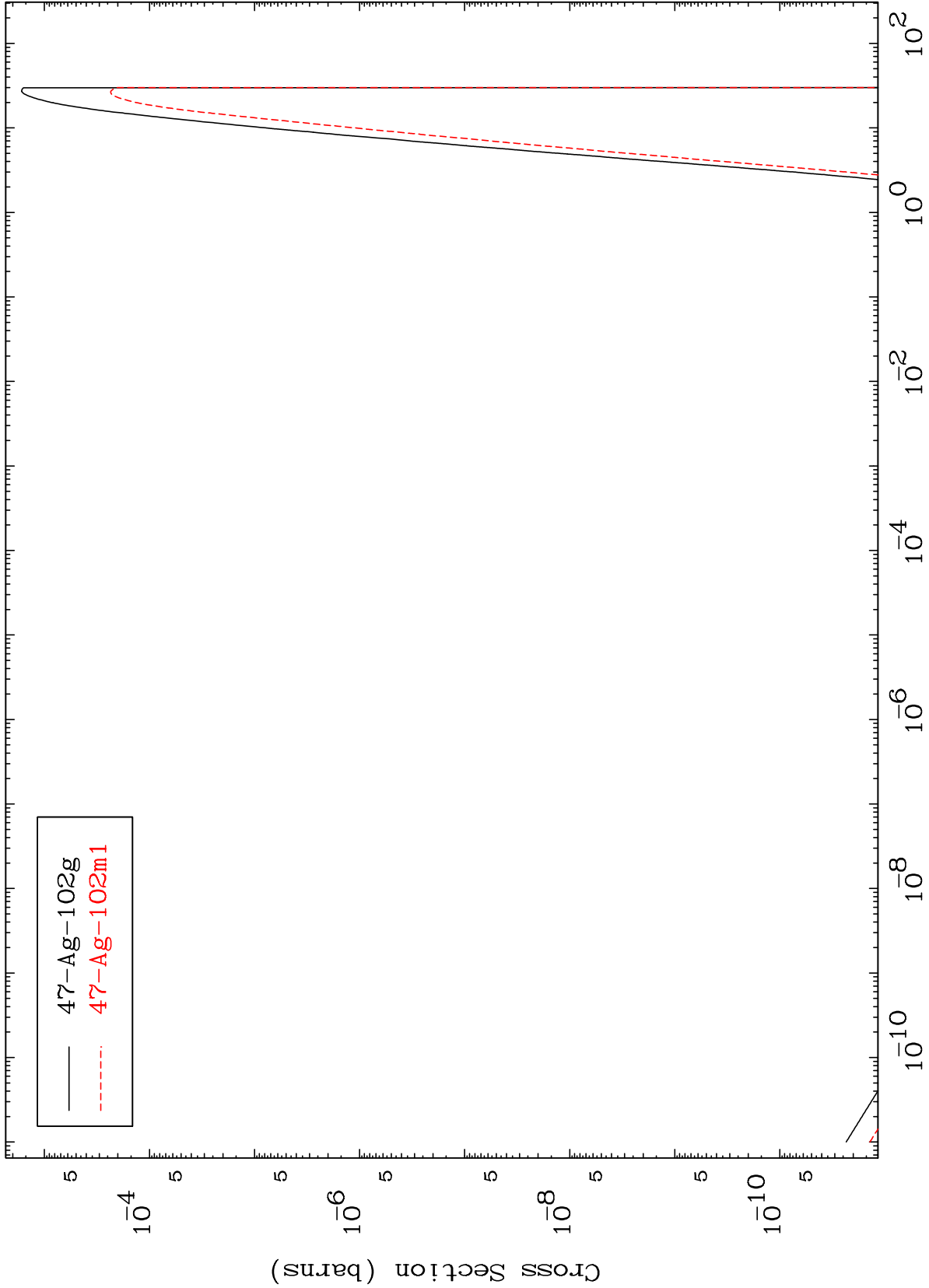
51-Sb-109

MAT 5089

(n,2α)

51-Sb-109

Radionuclide Production Cross Section



65

Incident Energy (MeV)

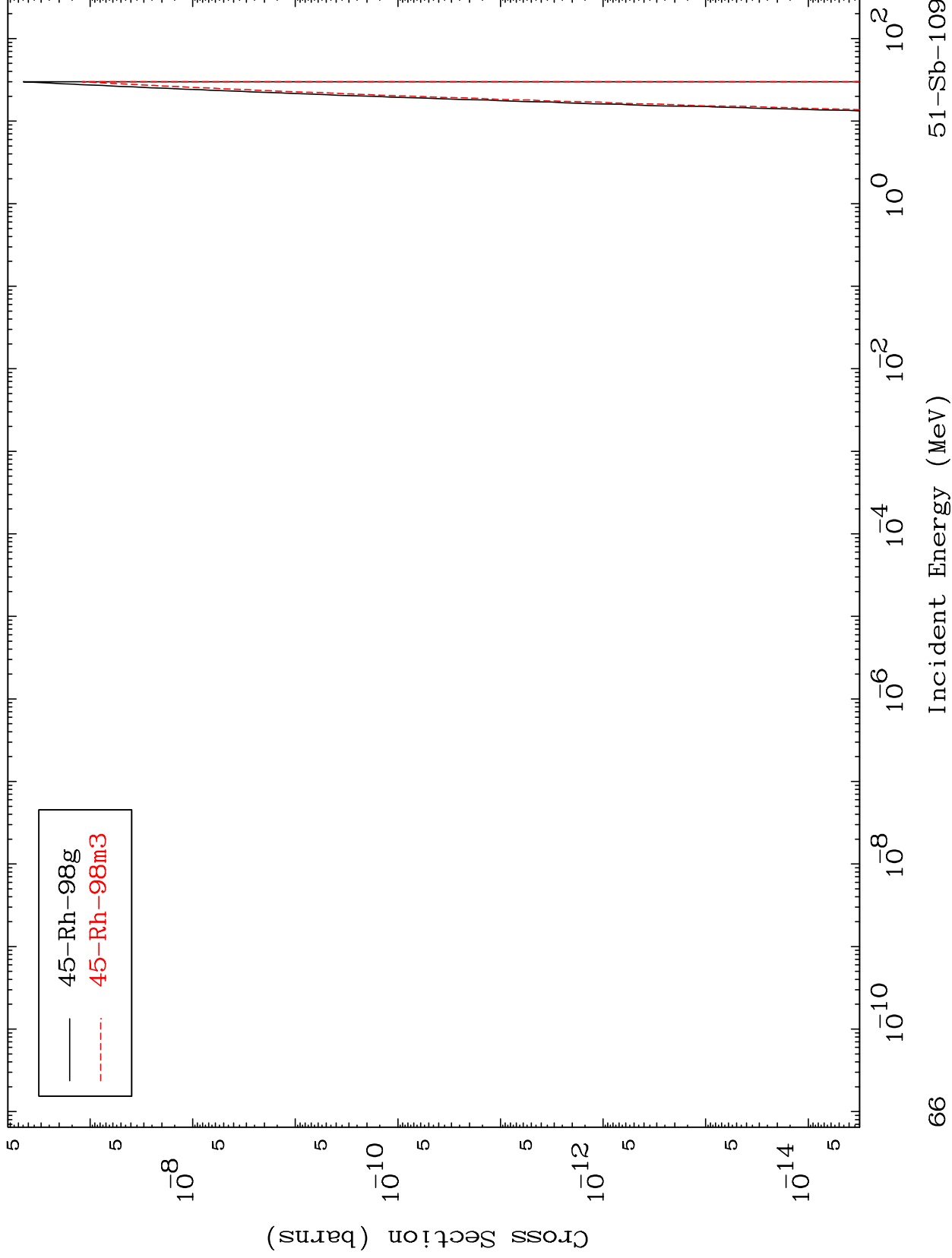
51-Sb-109

MAT 5089

(n,3 α)

51-Sb-109

Radionuclide Production Cross Section

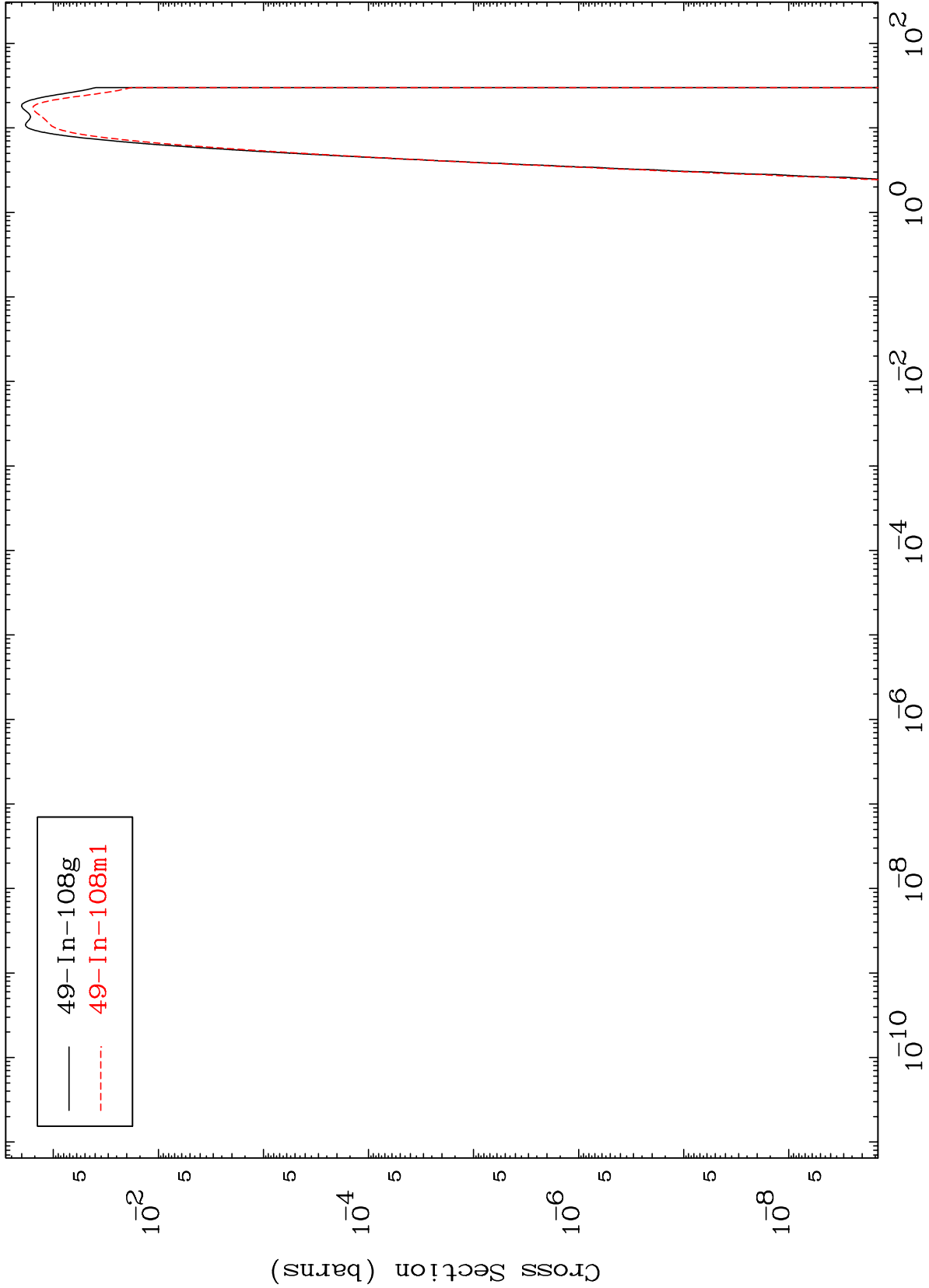


MAT 5089

(n,2p)

51-Sb-109

Radionuclide Production Cross Section

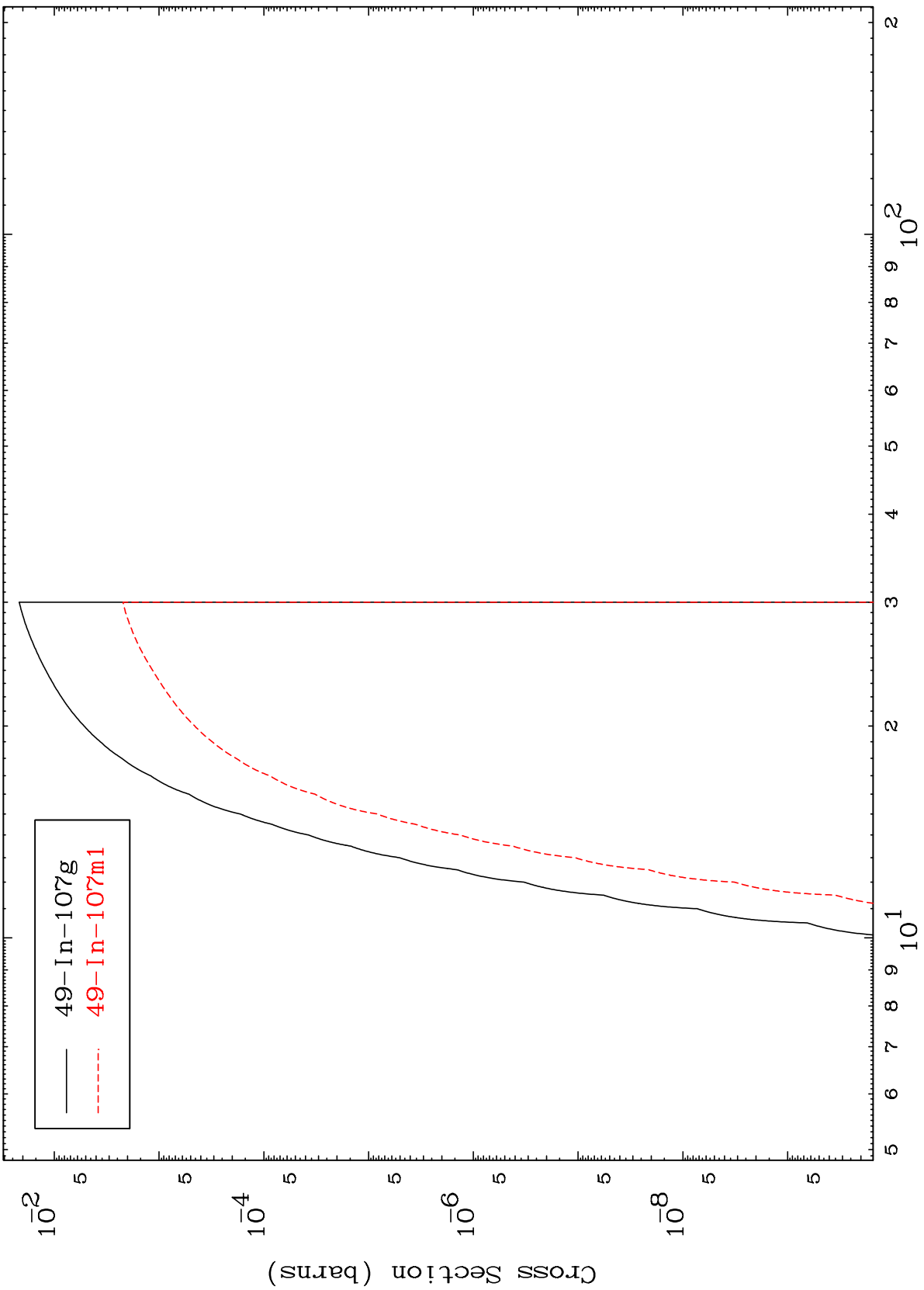


MAT 5089

(n,p) d

51-Sb-109

Radionuclide Production Cross Section



— 49-In-107g
- - - 49-In-107m1

68

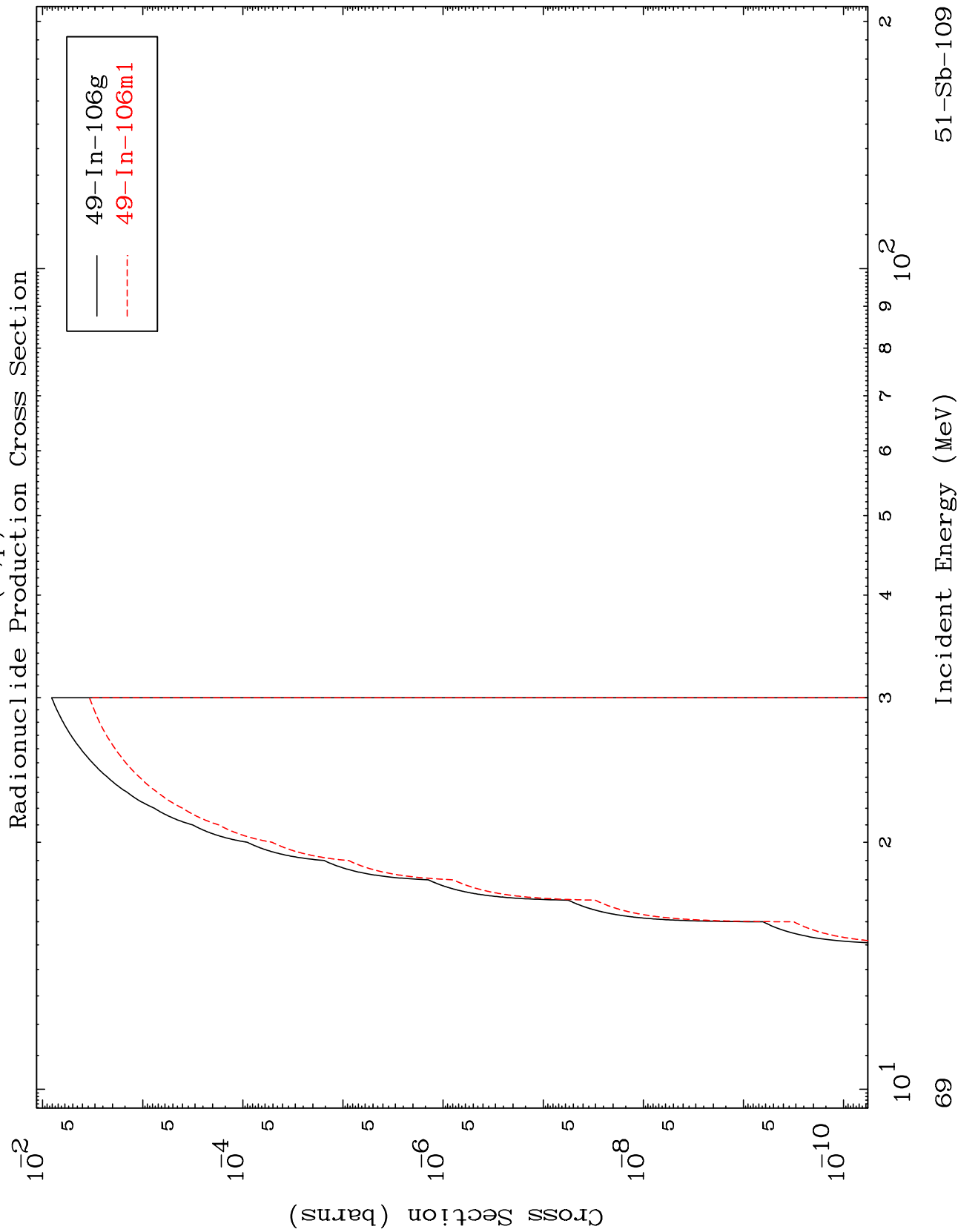
Incident Energy (MeV)

51-Sb-109

MAT 5089

(n,p) t

51-Sb-109



51-Sb-109

Incident Energy (MeV)

69