

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

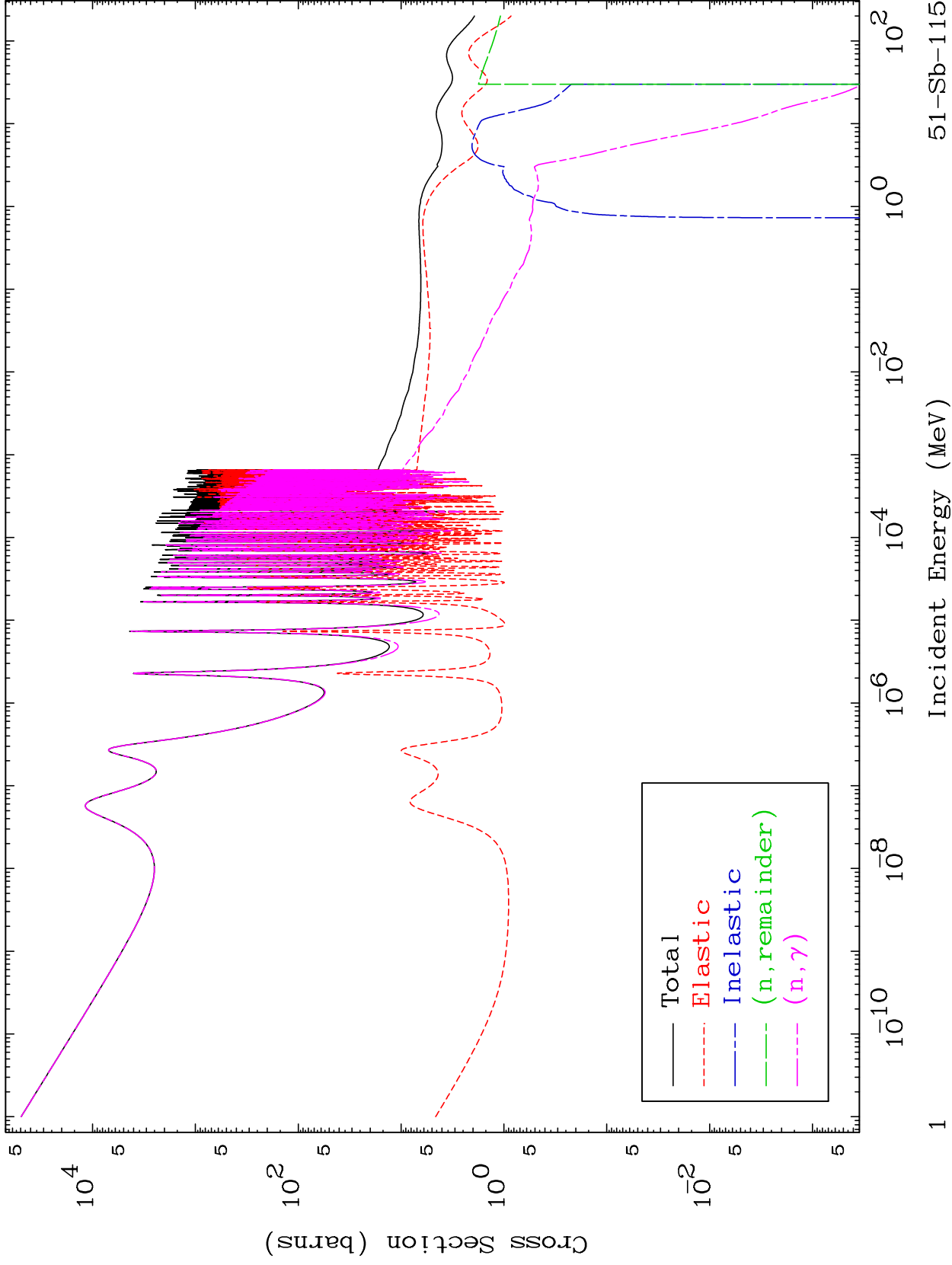
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5107

Major
293 Kelvin Cross Sections

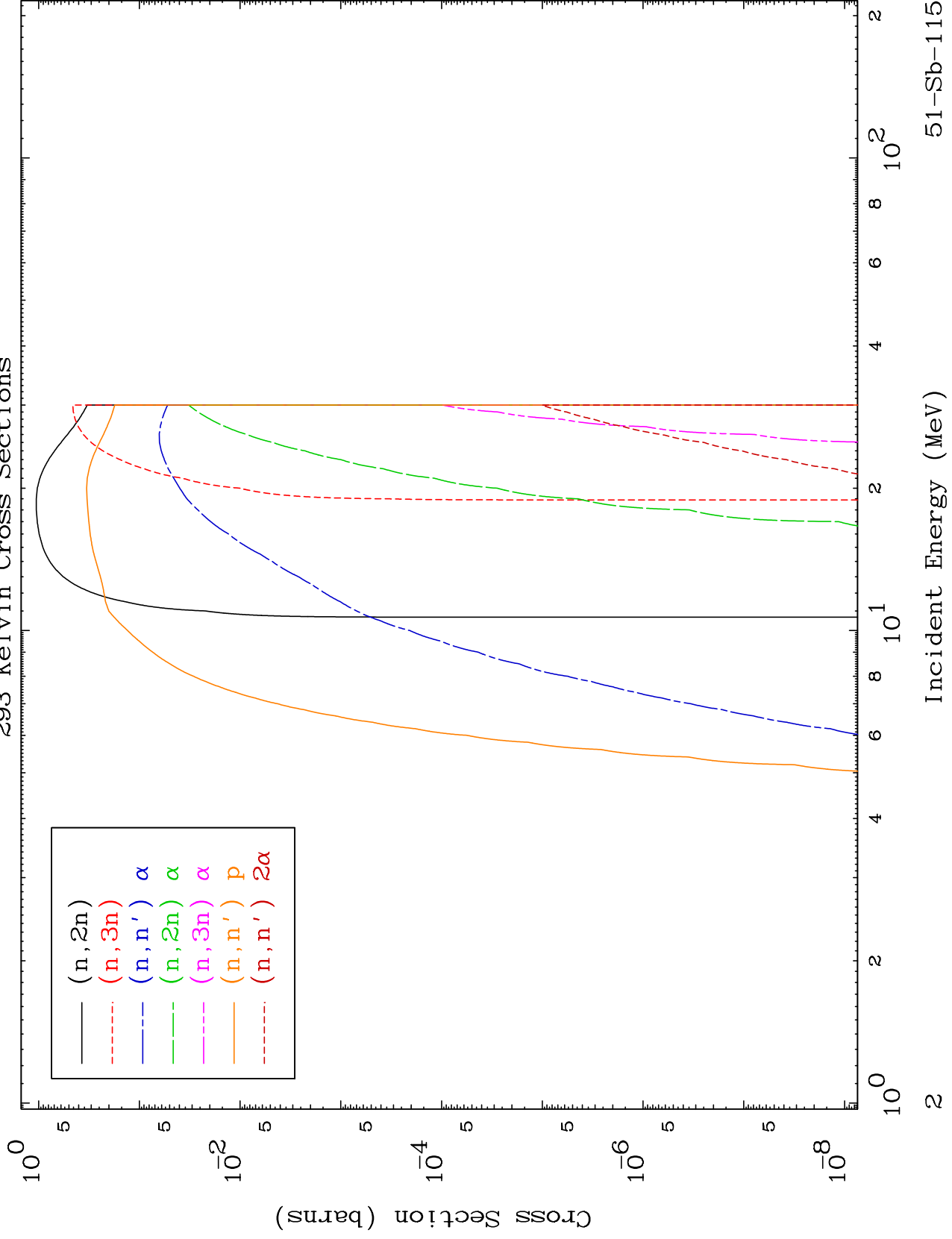
51-Sb-115



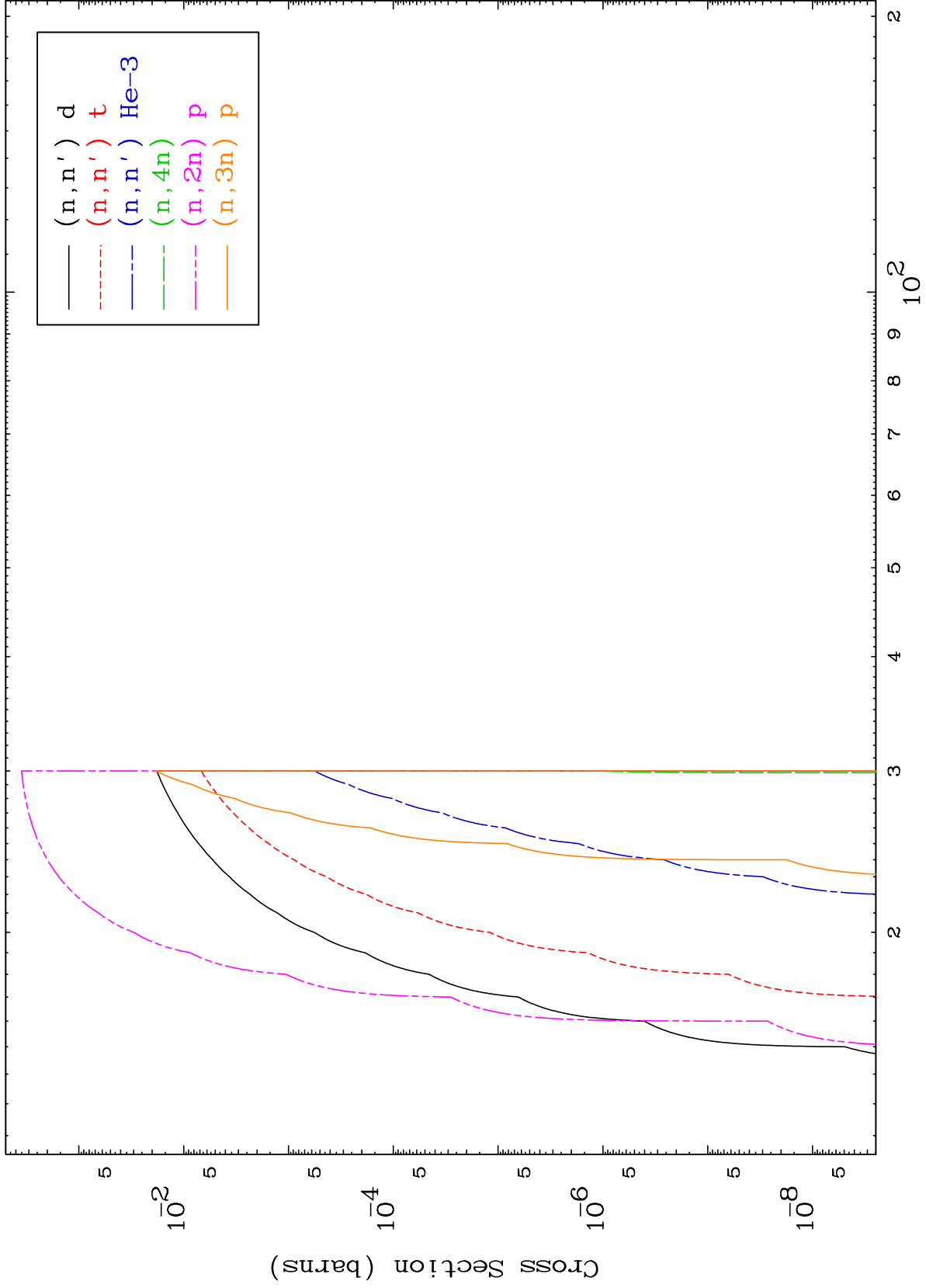
MAT 5107

Neutron Production
293 Kelvin Cross Sections

51-Sb-115



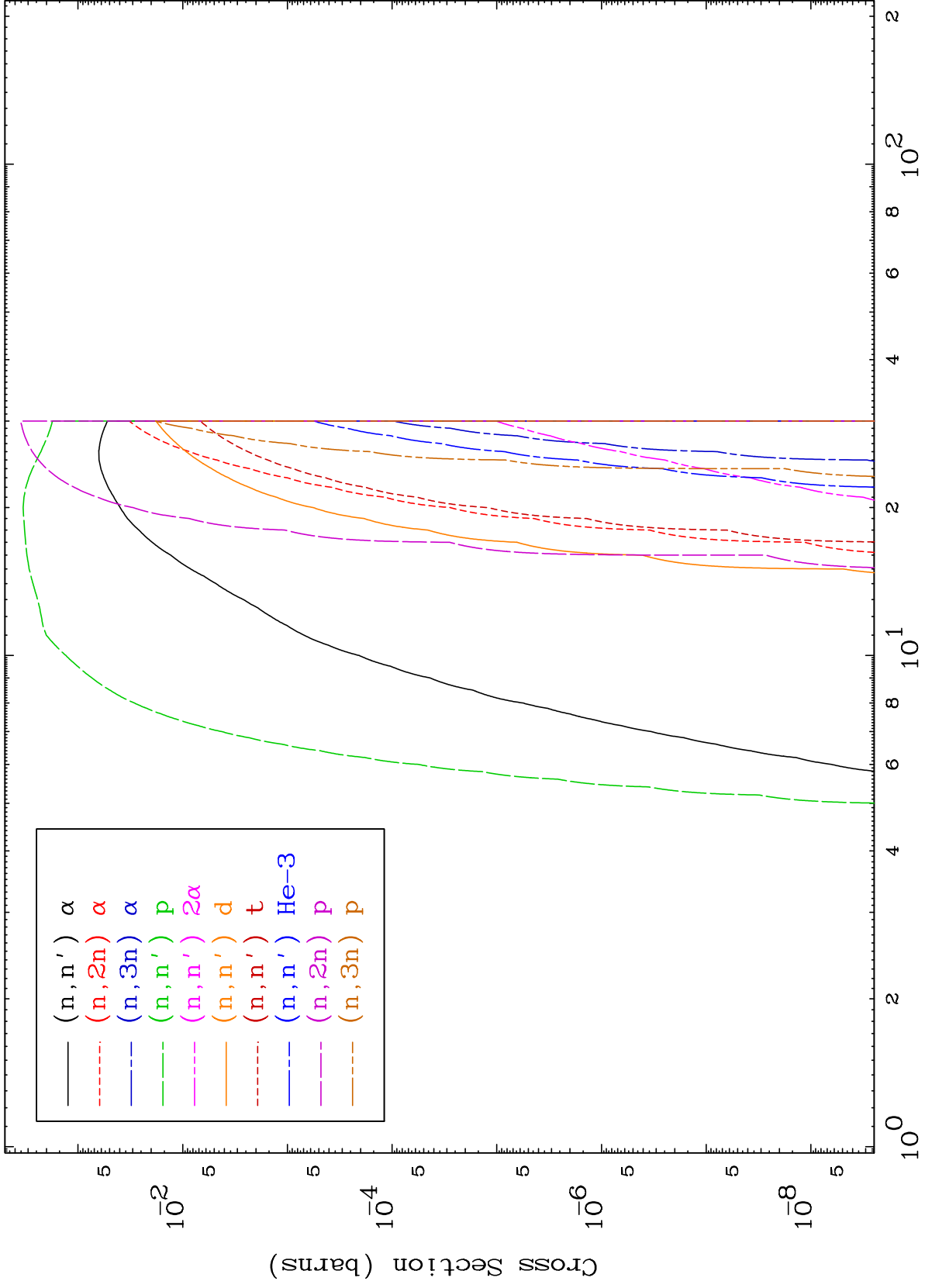
51-Sb-115



MAT 5107

Charged Particle
293 Kelvin Cross Sections

51-Sb-115



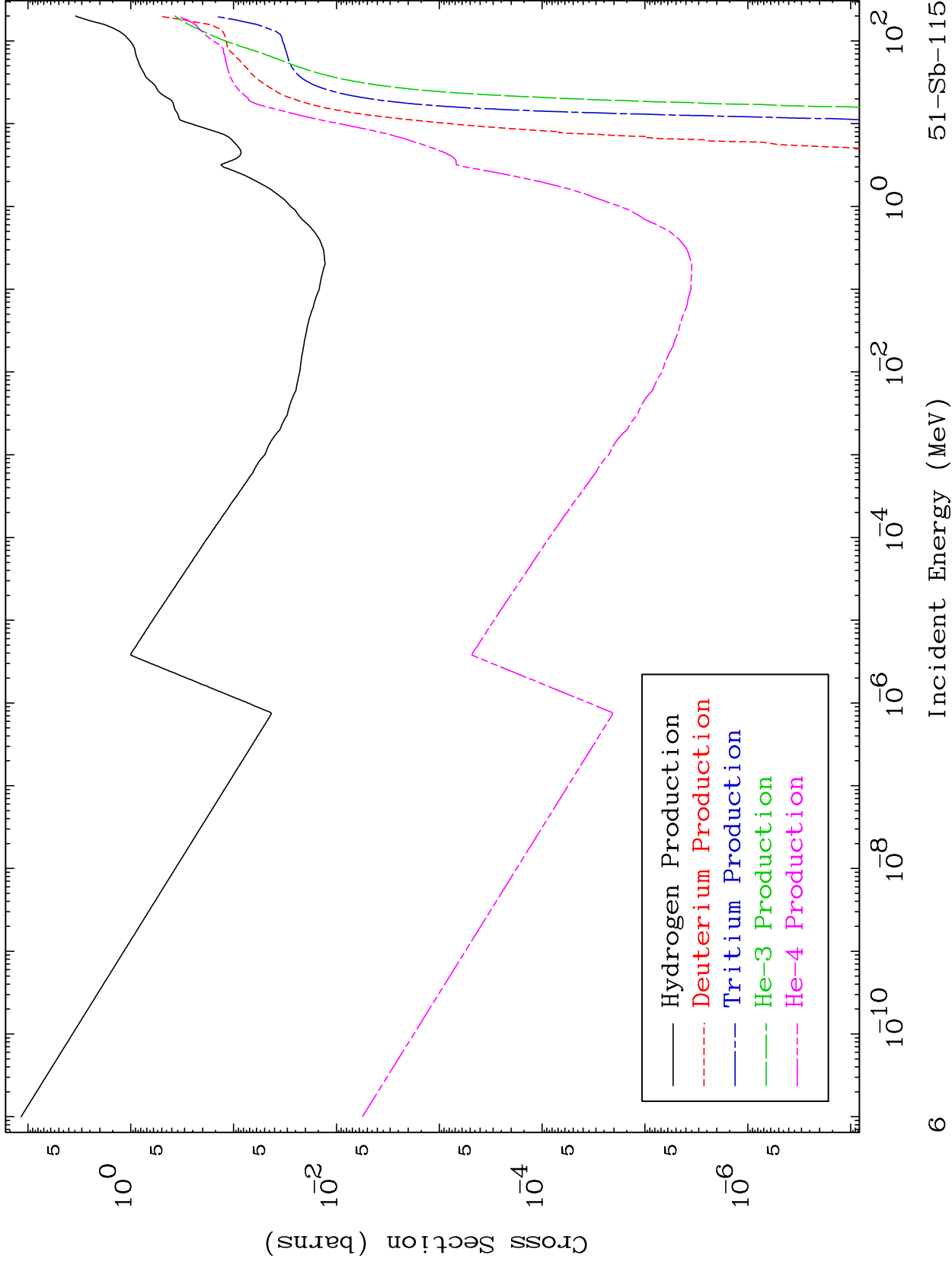
Incident Energy (MeV)

51-Sb-115

MAT 5107

Particle Production
293 Kelvin Cross Sections

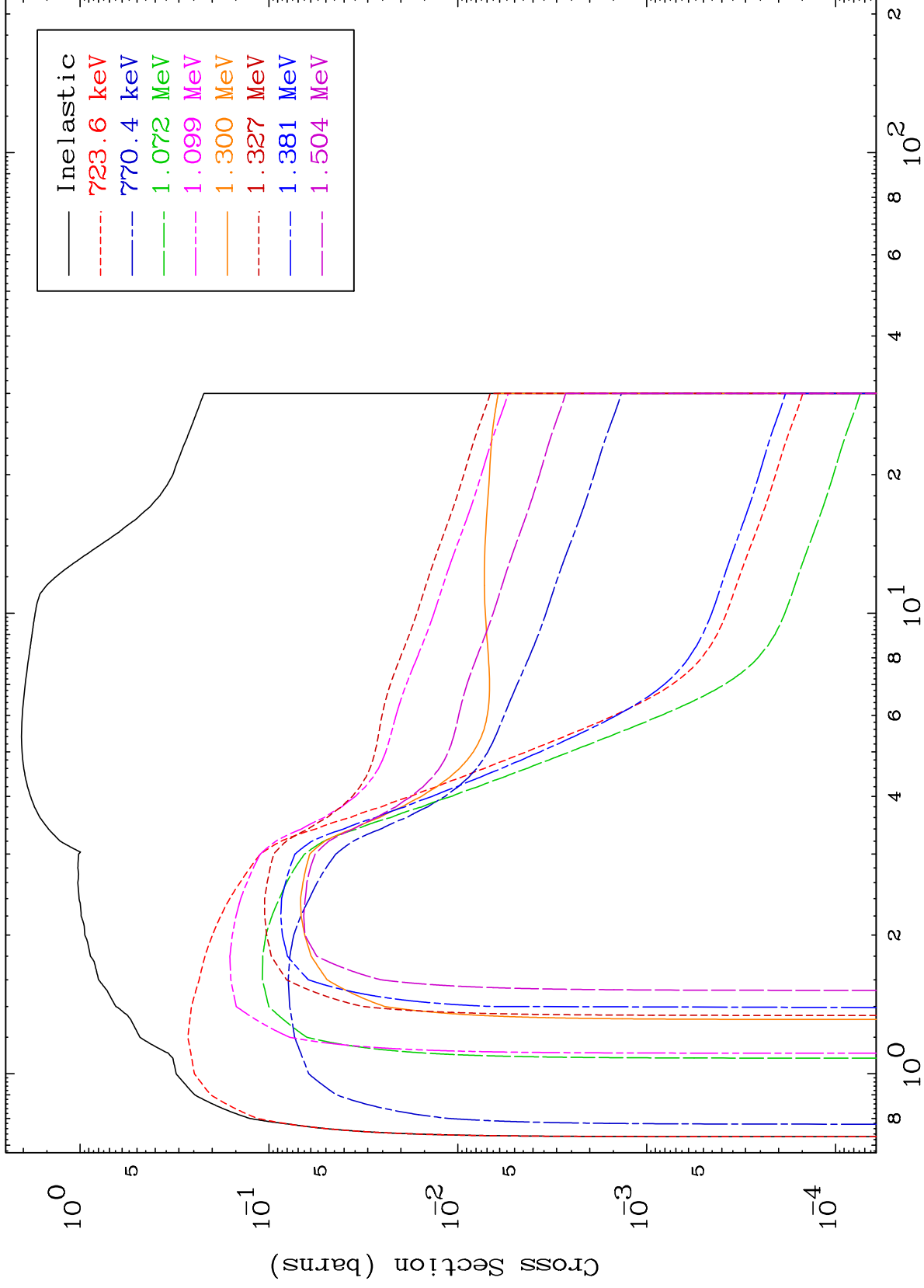
51-Sb-115



MAT 5107

(n,n') Level
293 Kelvin Cross Sections

51-Sb-115



7

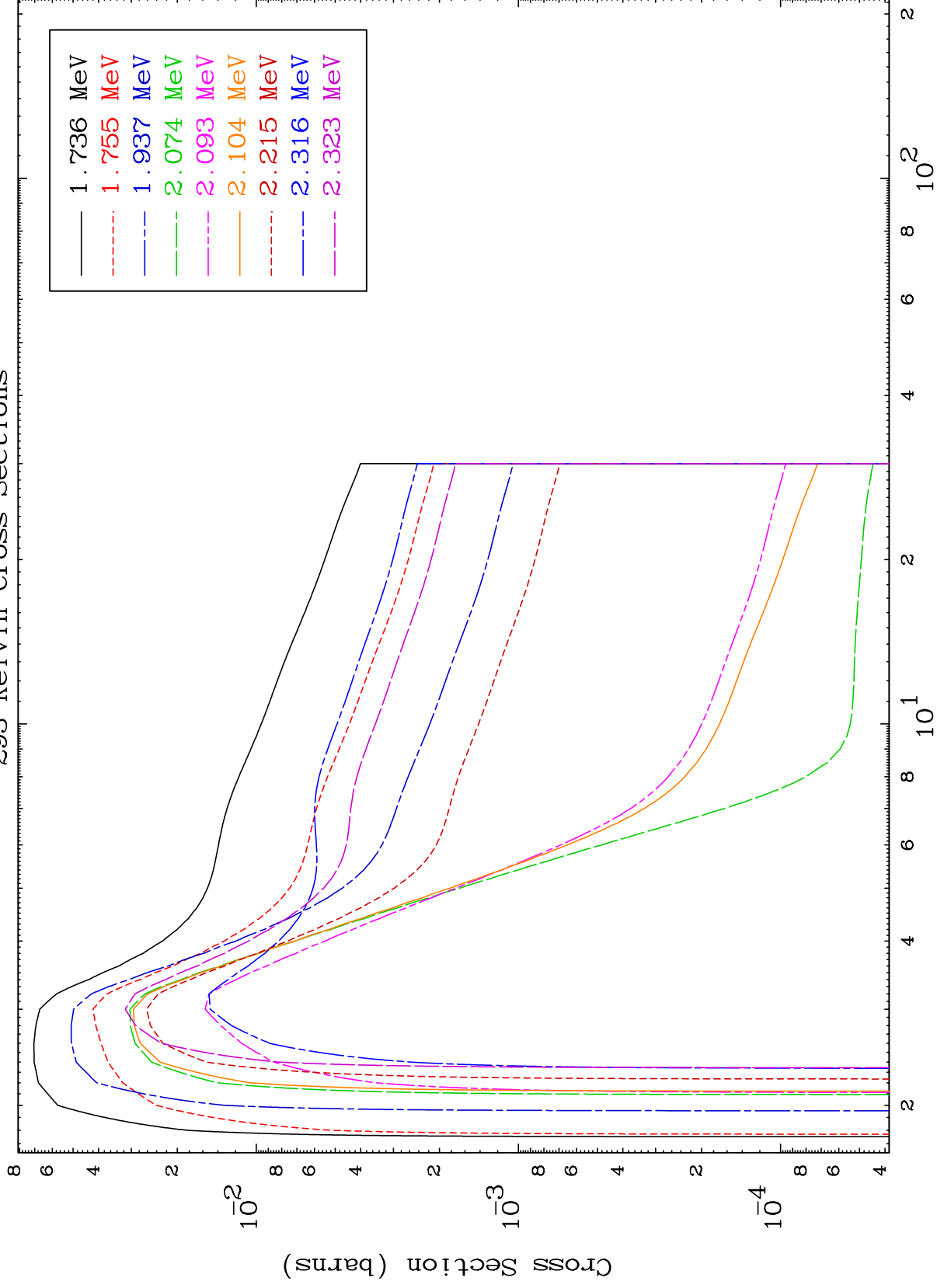
Incident Energy (MeV)

51-Sb-115

MAT 5107

(n,n') Level
293 Kelvin Cross Sections

51-Sb-115



8

Incident Energy (MeV)

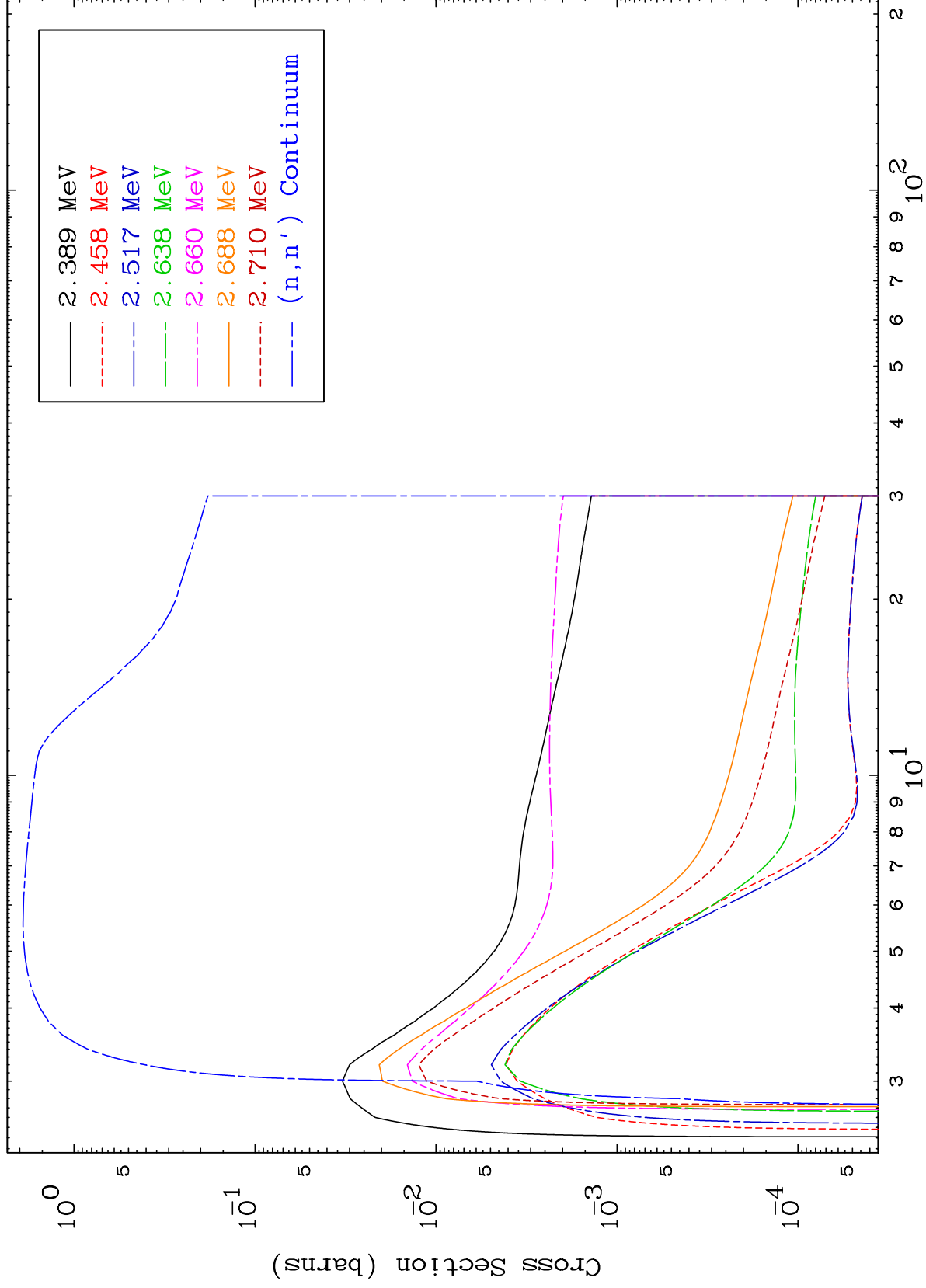
51-Sb-115

MAT 5107

(n,n') Level

51-Sb-115

293 Kelvin Cross Sections



9

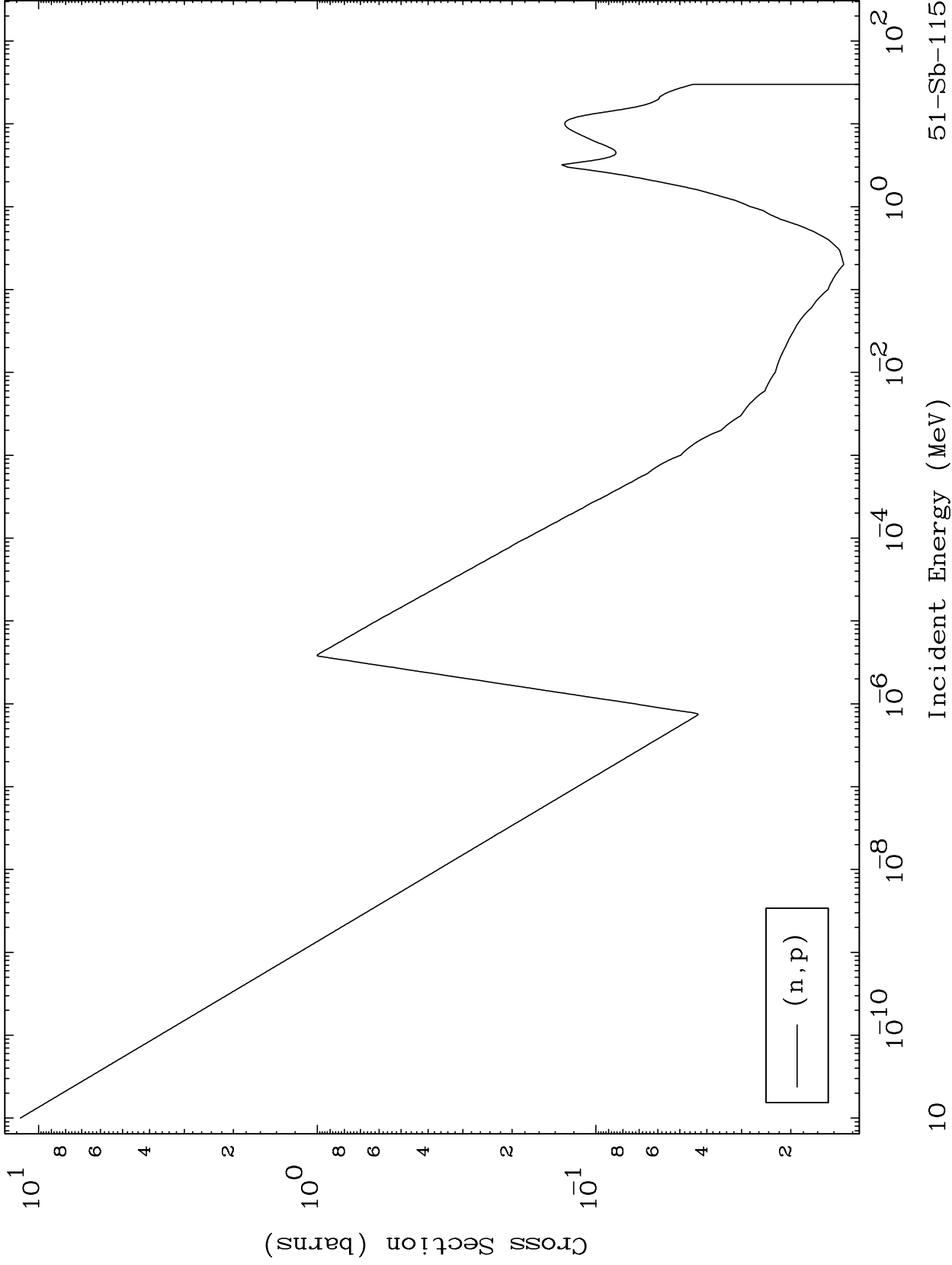
Incident Energy (MeV)

51-Sb-115

MAT 5107

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-115



10

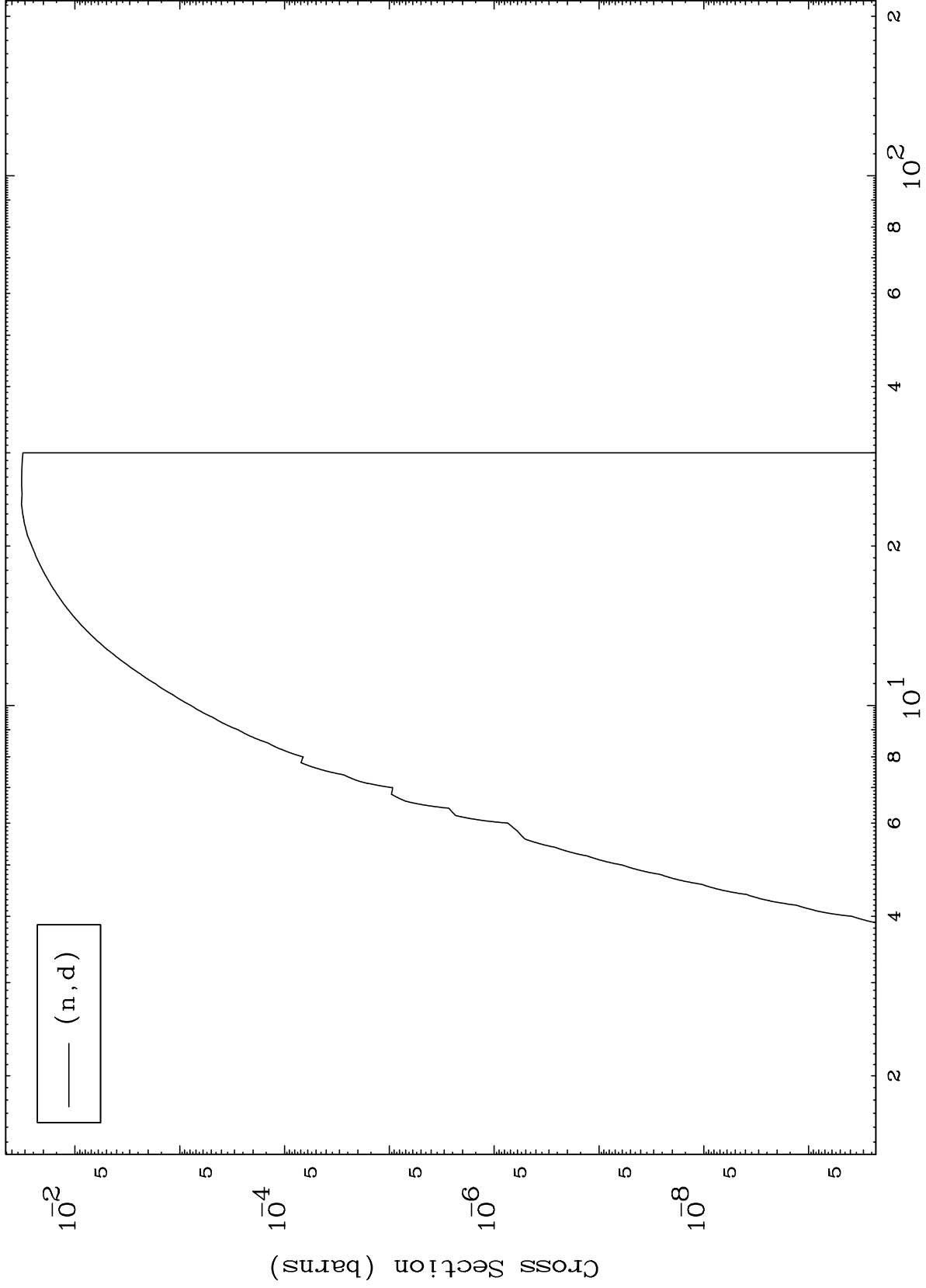
Incident Energy (MeV)

51-Sb-115

MAT 5107

(n,d) Levels
293 Kelvin Cross Sections

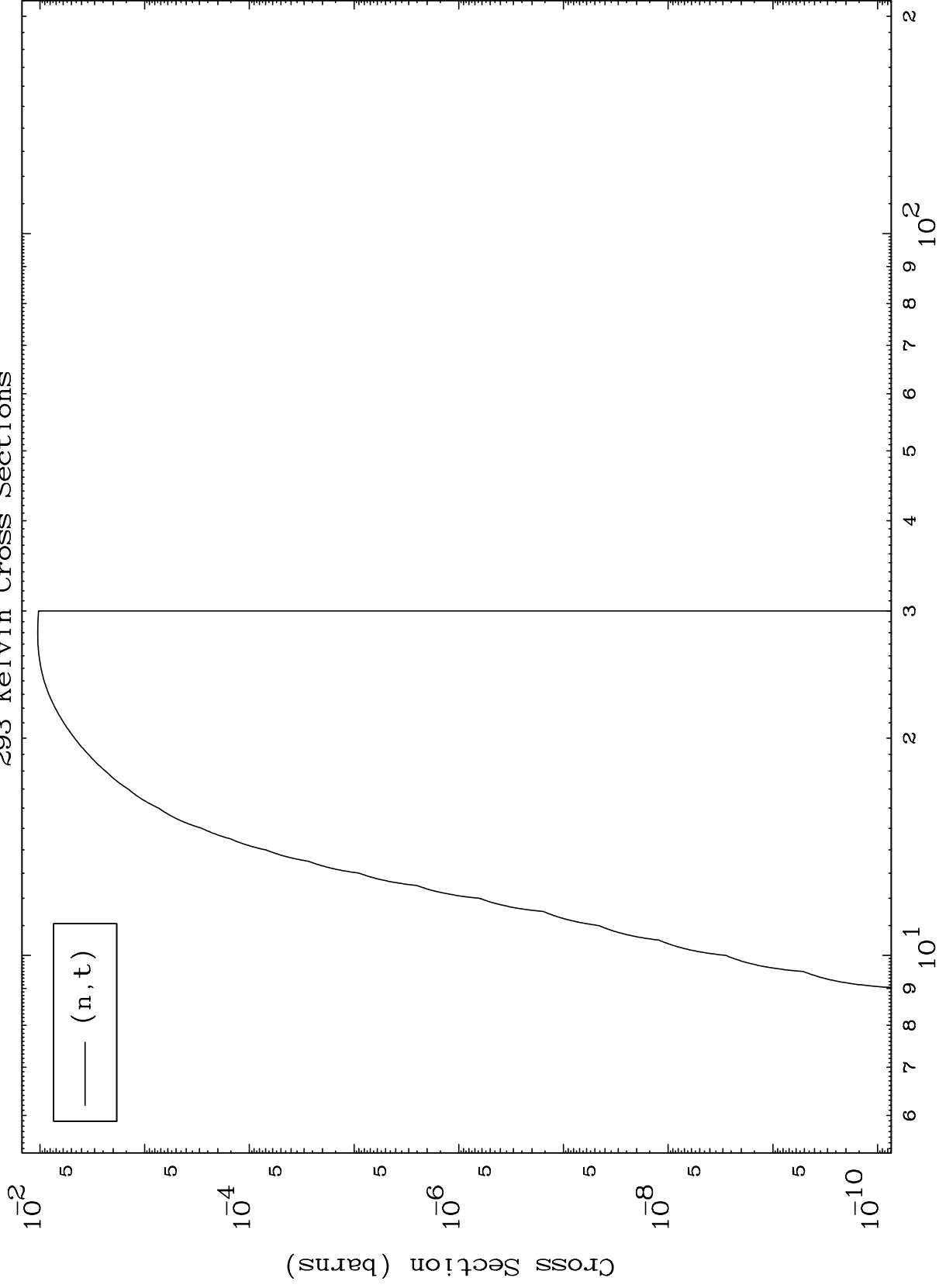
51-Sb-115



MAT 5107

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-115



12

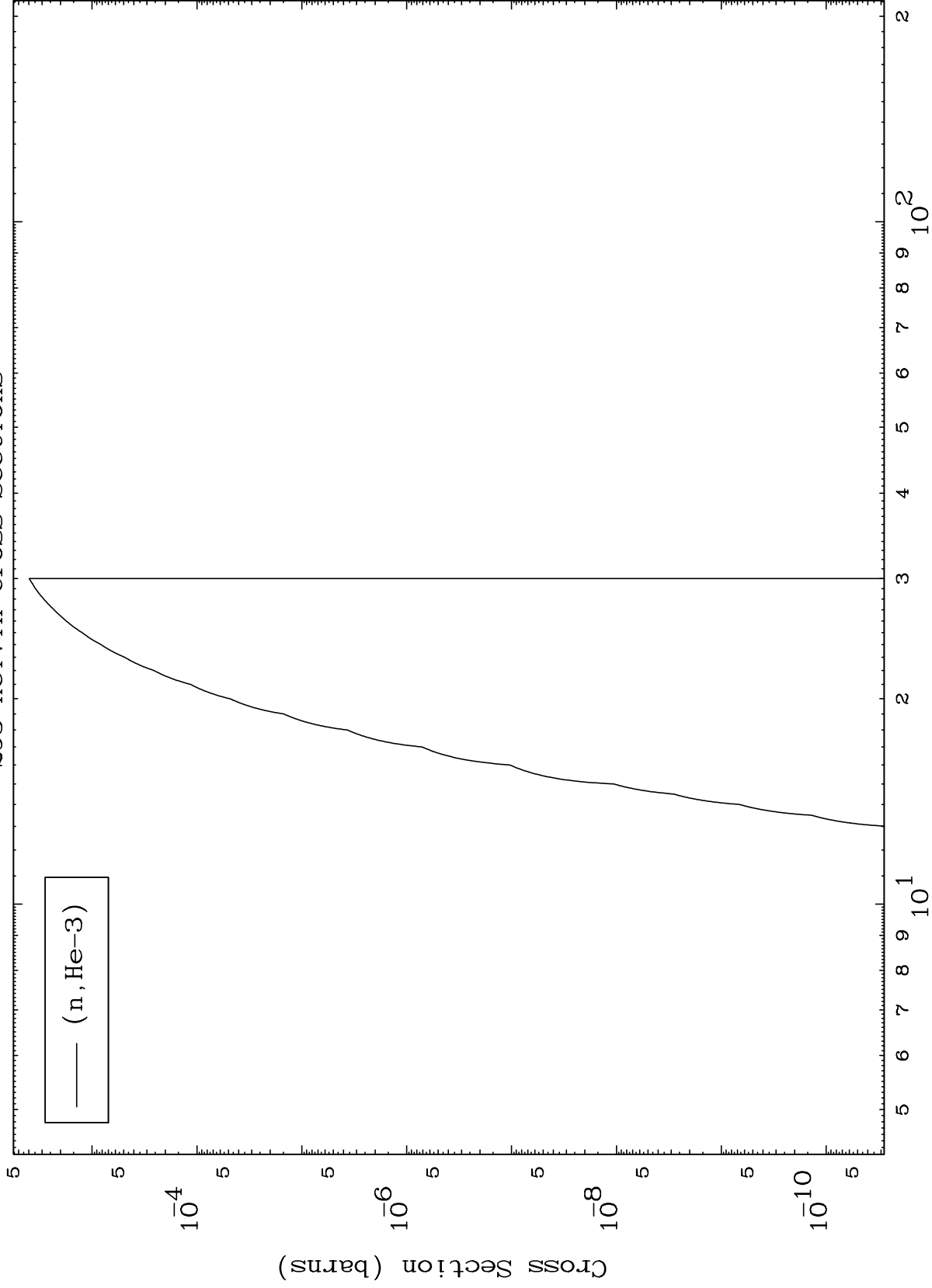
Incident Energy (MeV)

51-Sb-115

MAT 5107

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-115



13

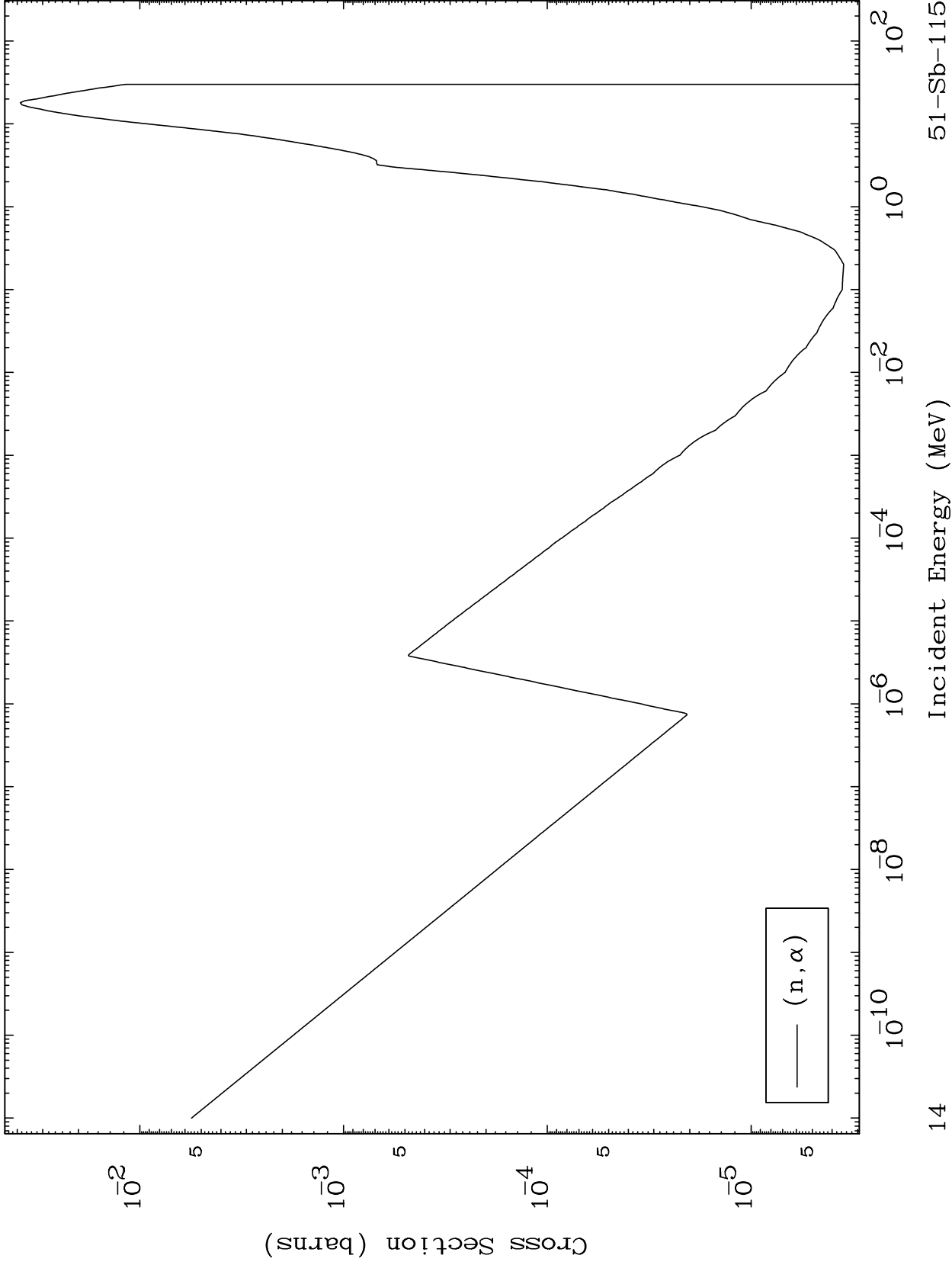
Incident Energy (MeV)

51-Sb-115

MAT 5107

(n, α) Levels
293 Kelvin Cross Sections

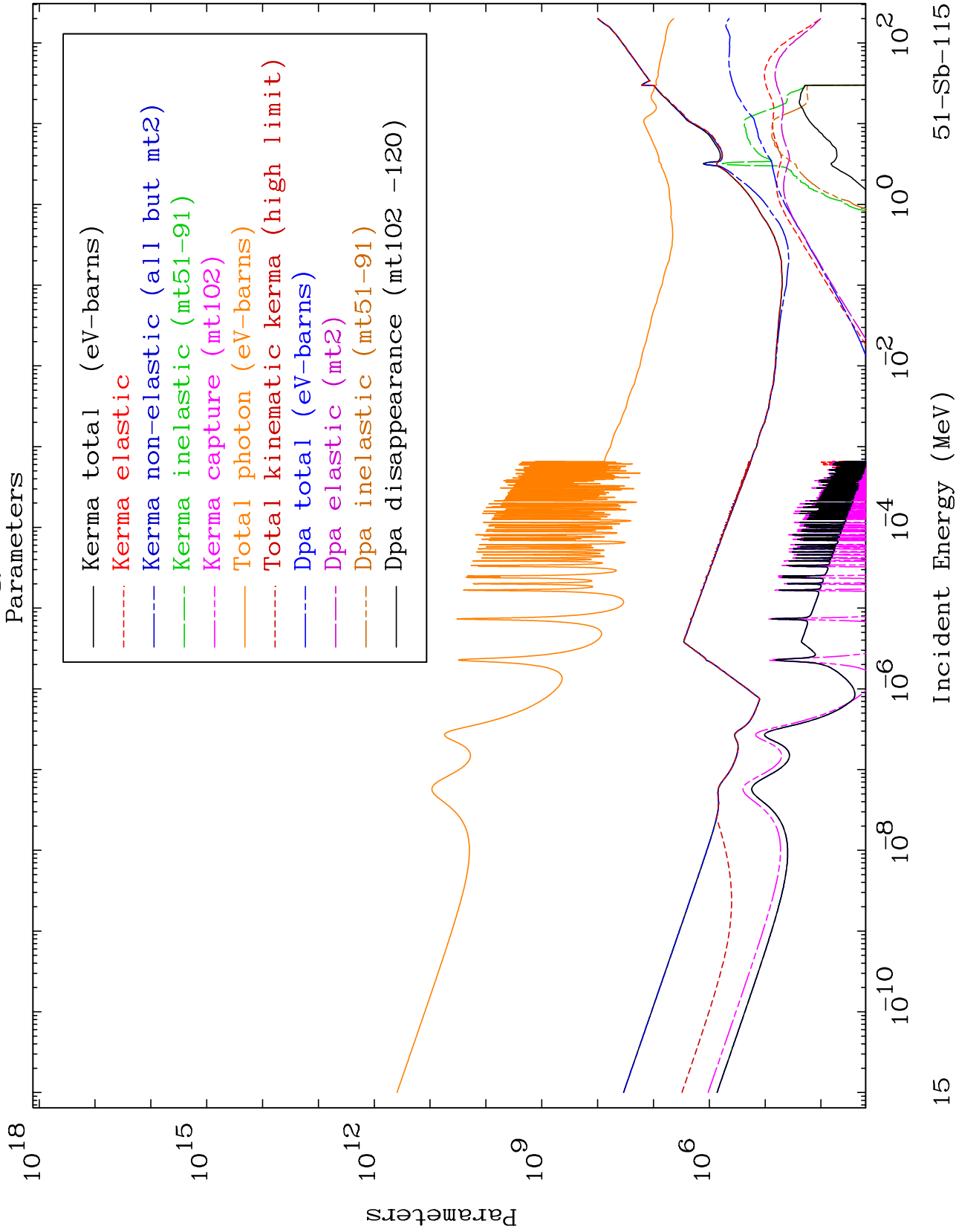
51-Sb-115



14

Incident Energy (MeV)

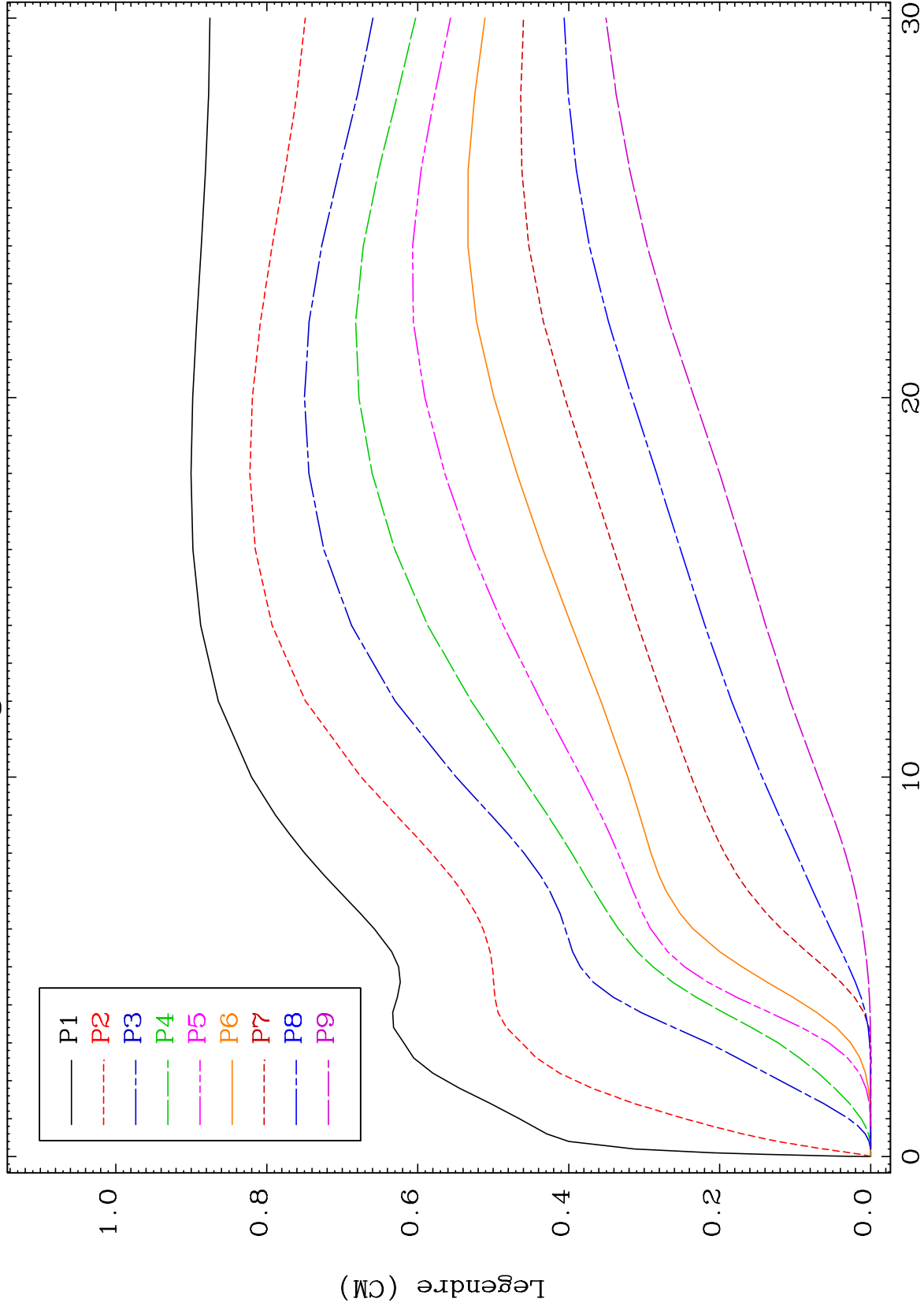
51-Sb-115



MAT 5107

Elastic Legendre Coefficients

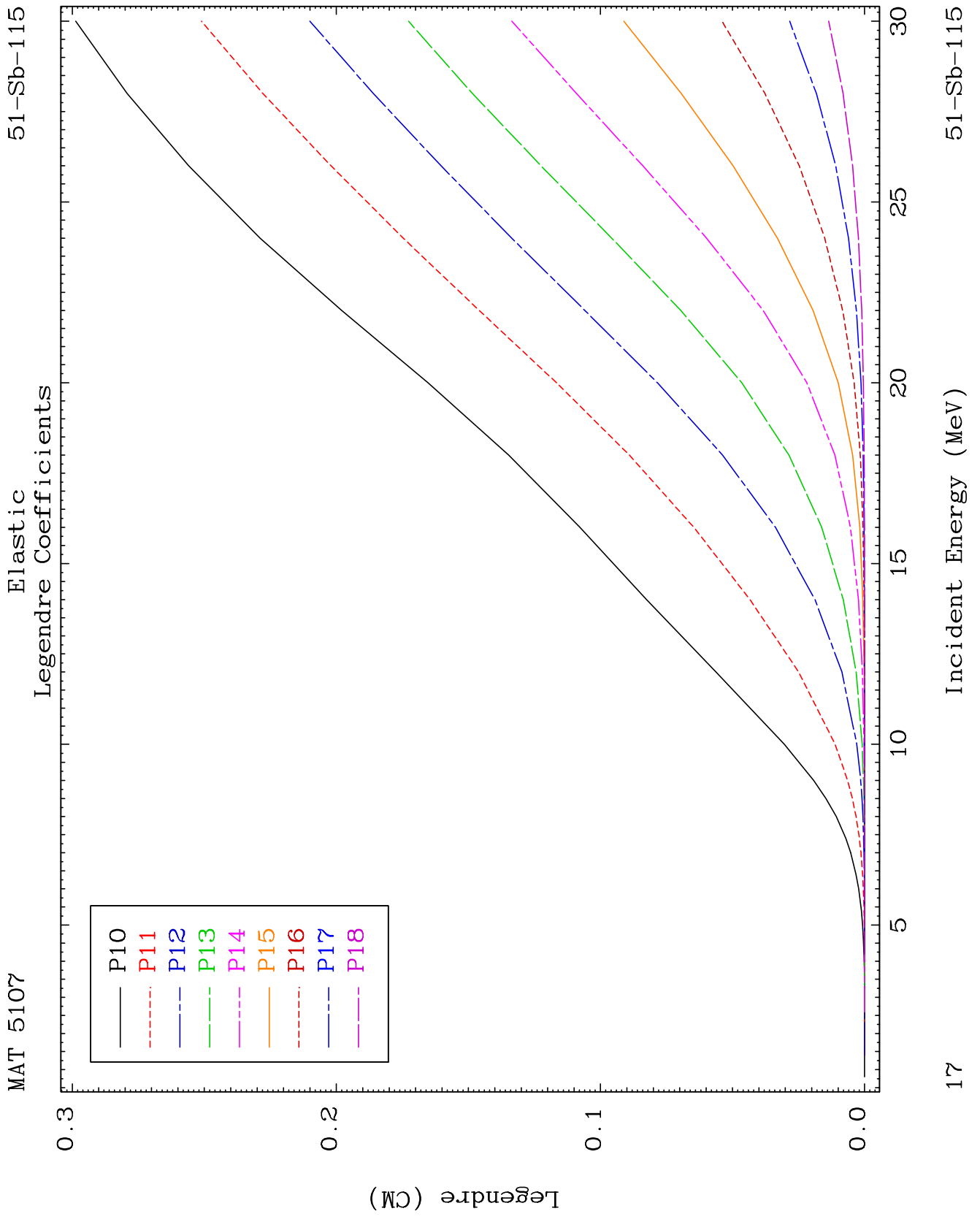
51-Sb-115



16

Incident Energy (MeV)

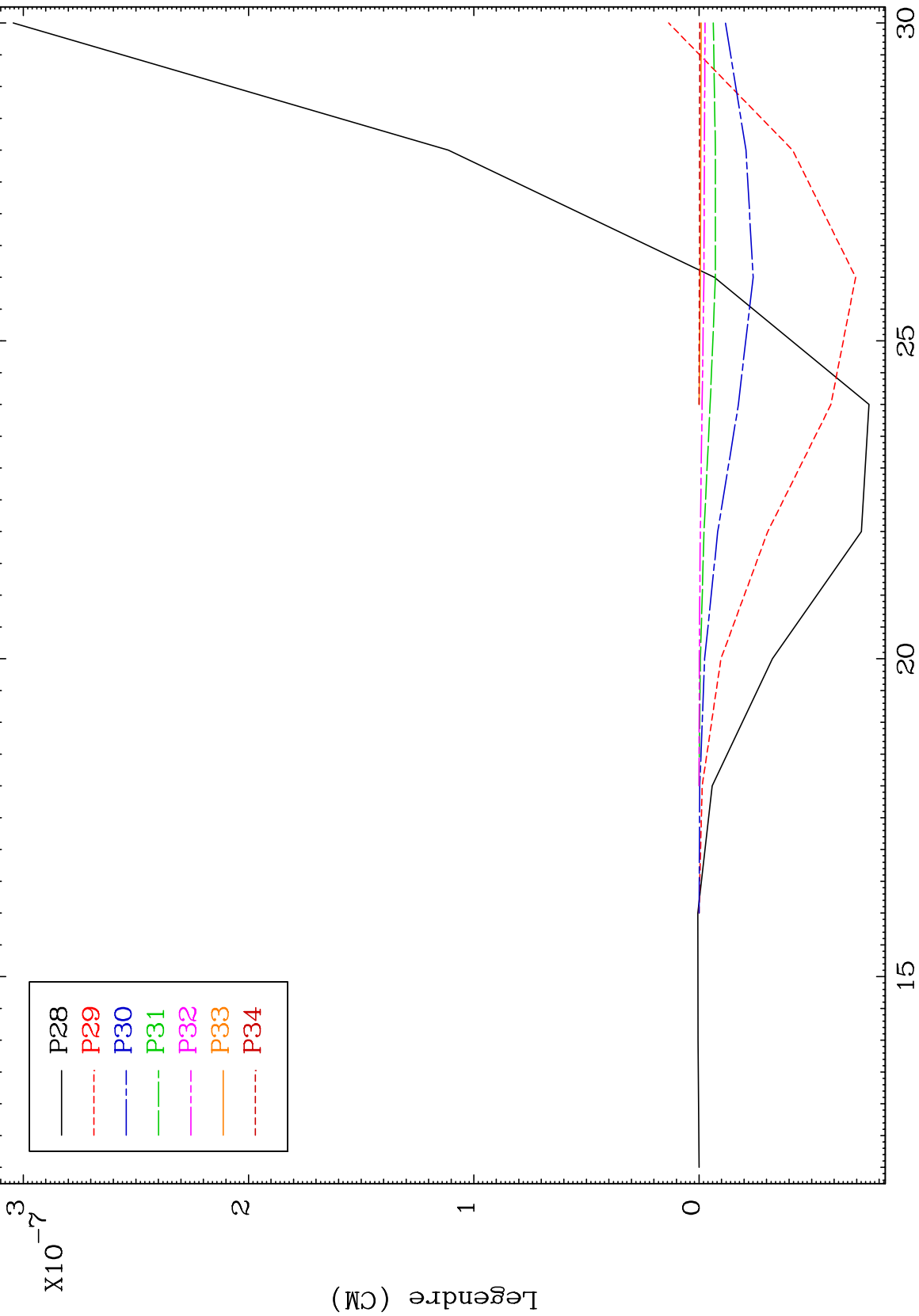
51-Sb-115



MAT 5107

Elastic Legendre Coefficients

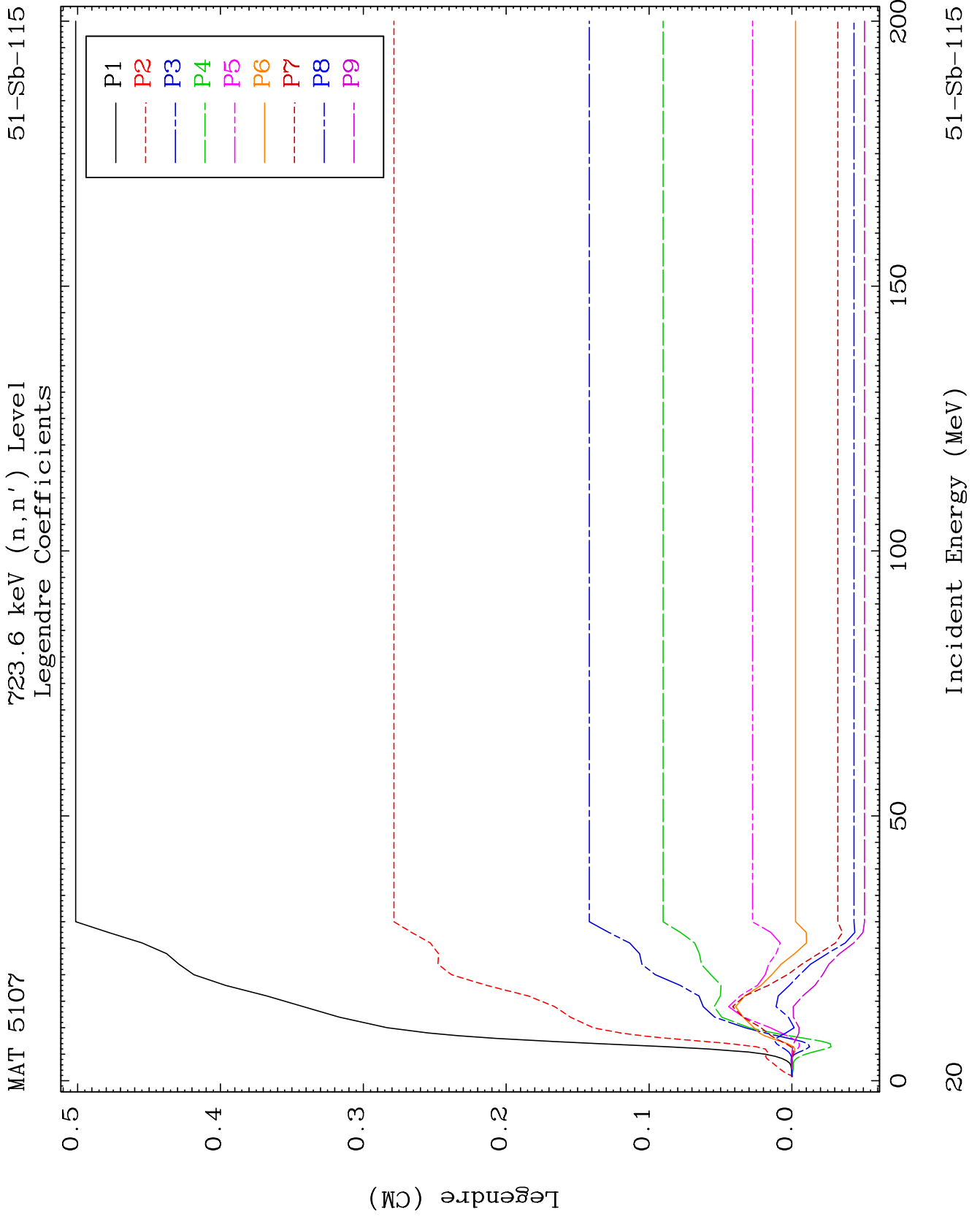
51-Sb-115



19

Incident Energy (MeV)

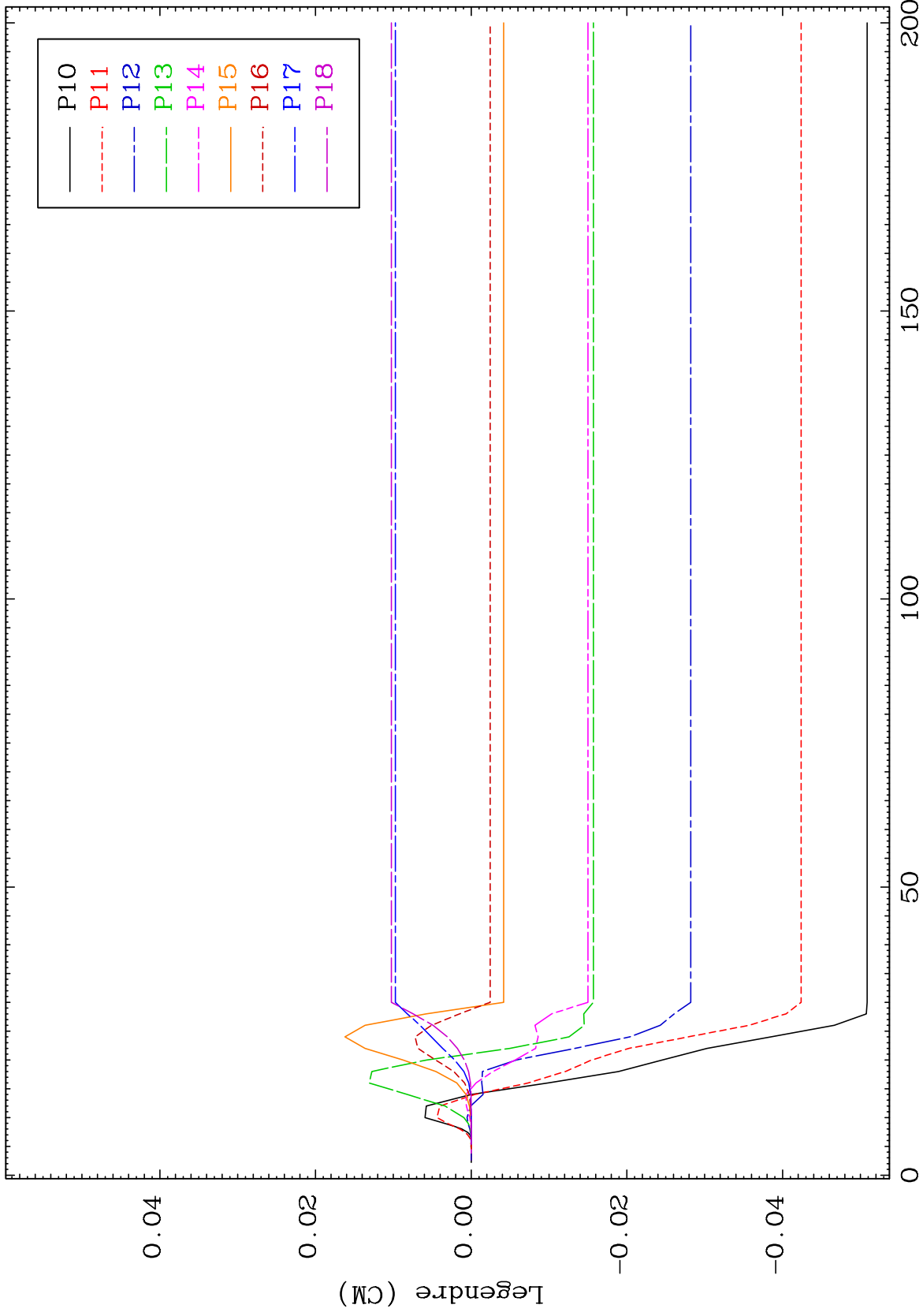
51-Sb-115



MAT 5107

723.6 keV (n,n') Level
Legendre Coefficients

51-Sb-115



21

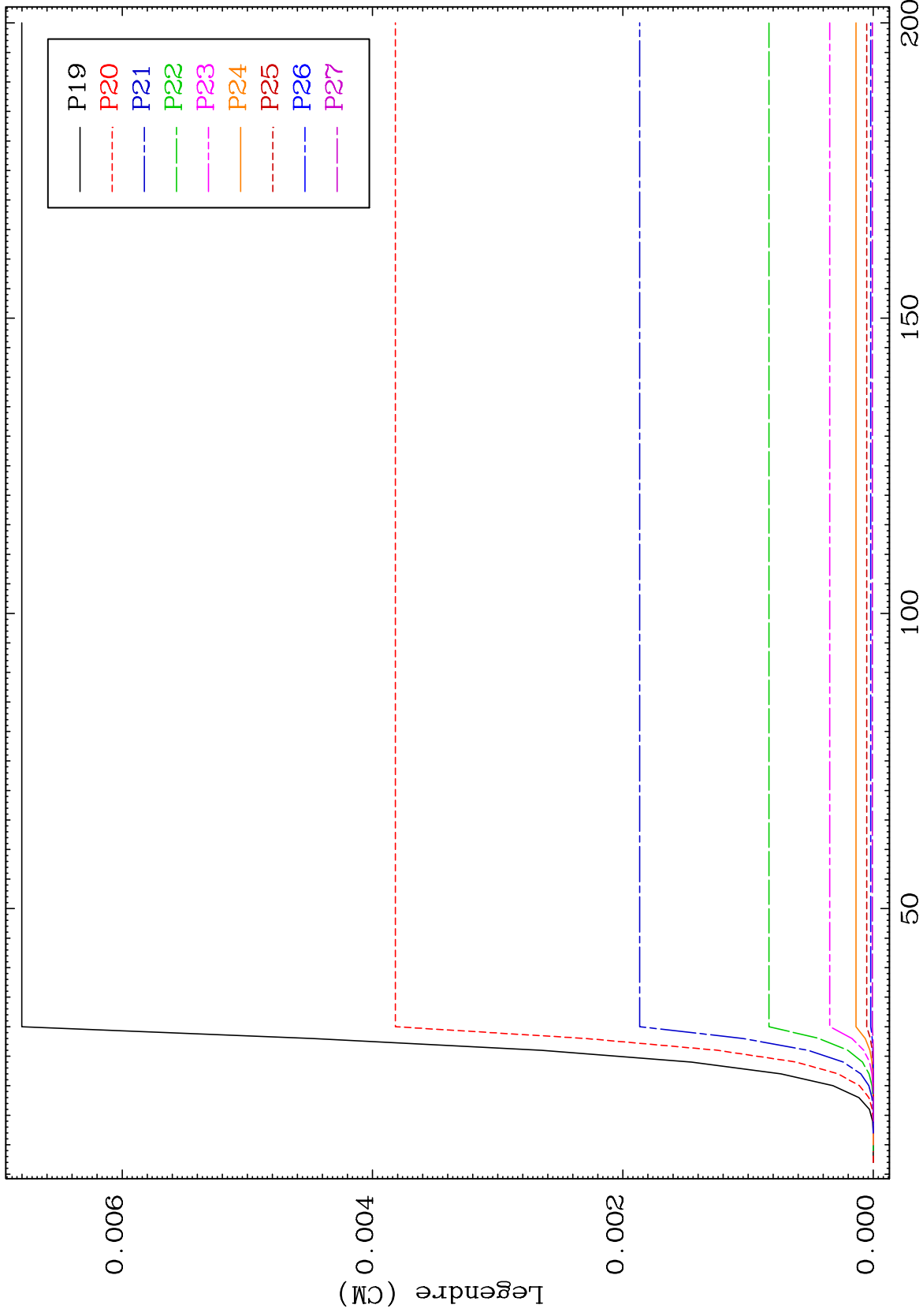
Incident Energy (MeV)

51-Sb-115

MAT 5107

723.6 keV (n,n') Level
Legendre Coefficients

51-Sb-115



22

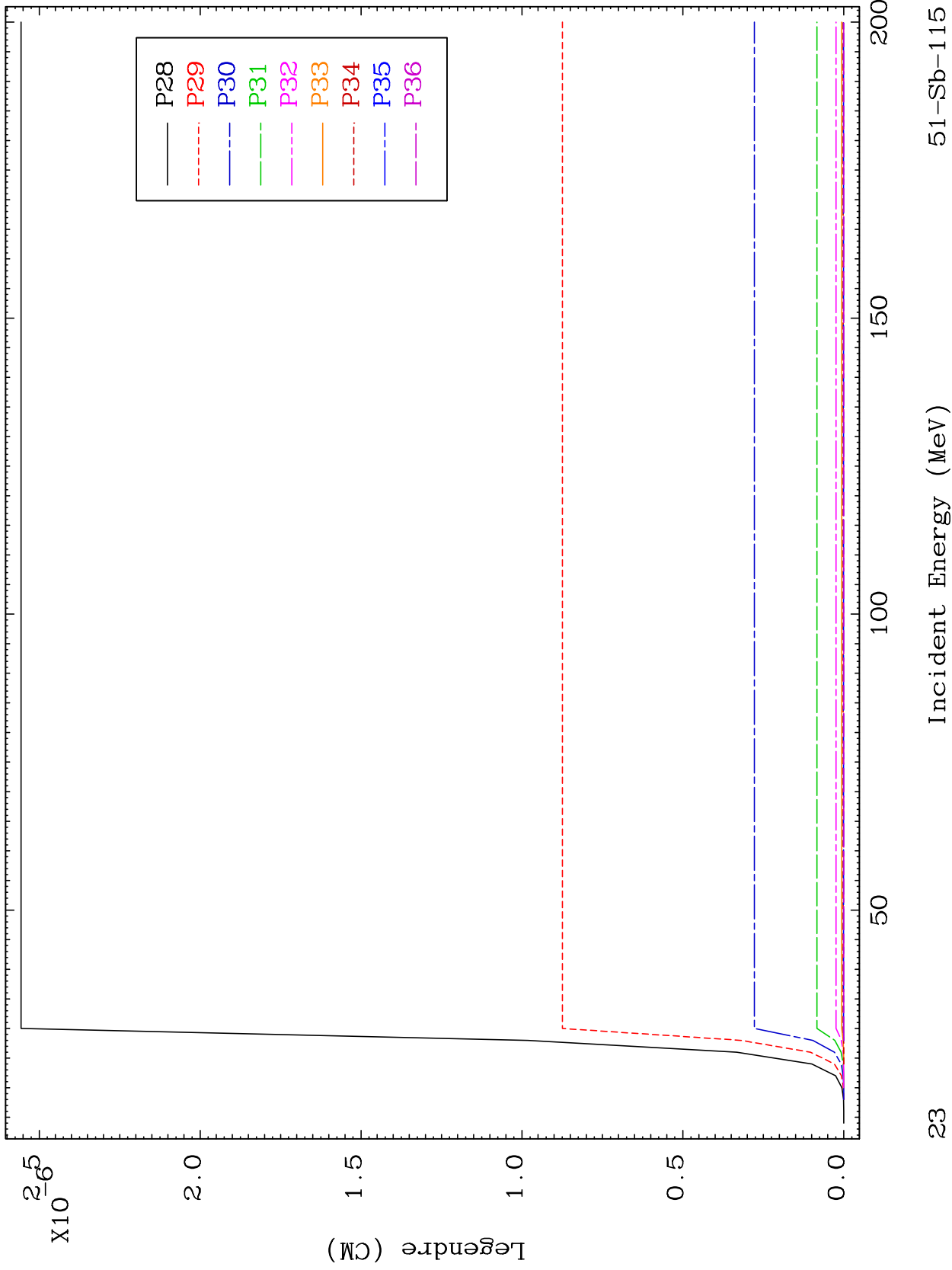
Incident Energy (MeV)

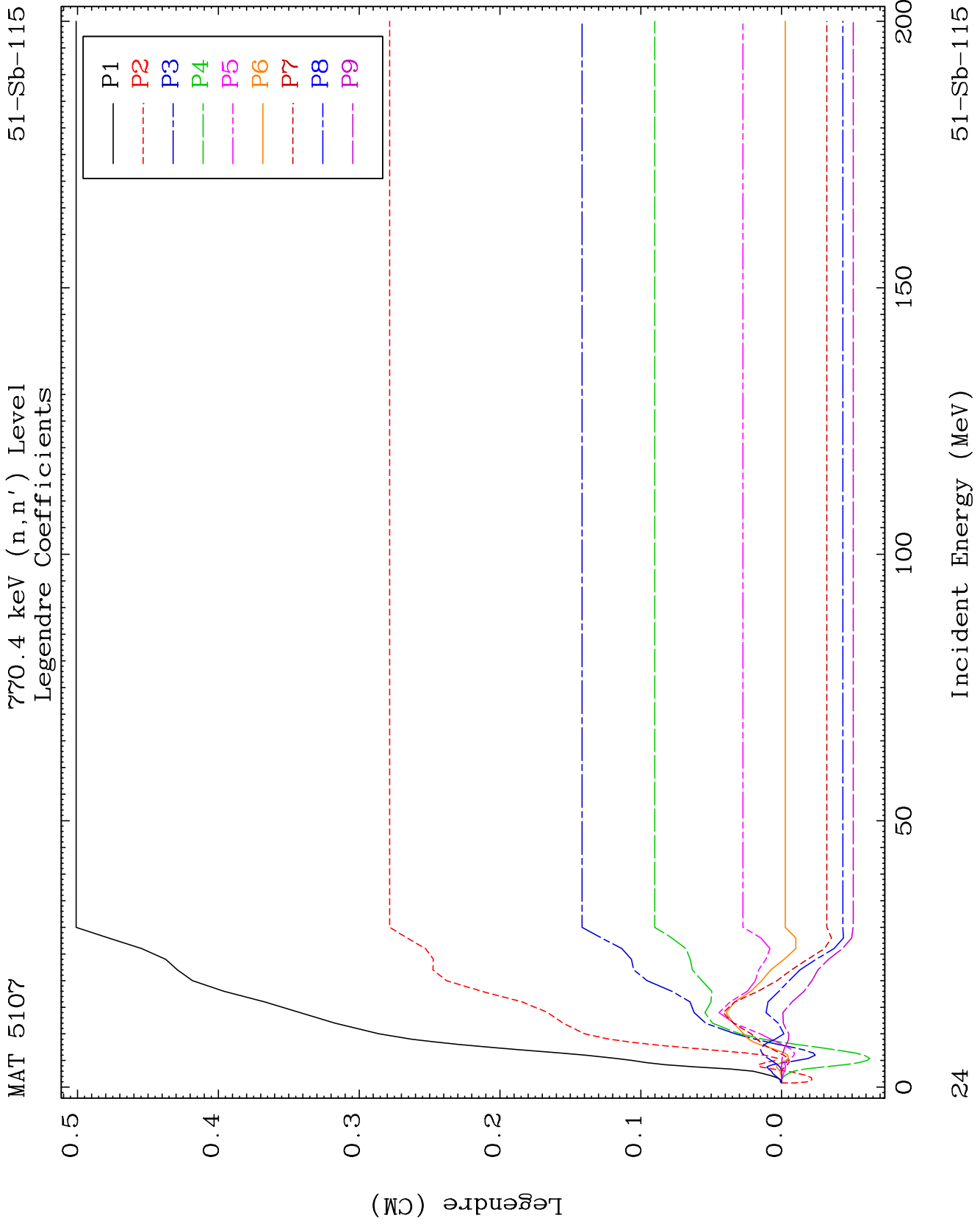
51-Sb-115

MAT 5107

723.6 keV (n,n') Level
Legendre Coefficients

51-Sb-115

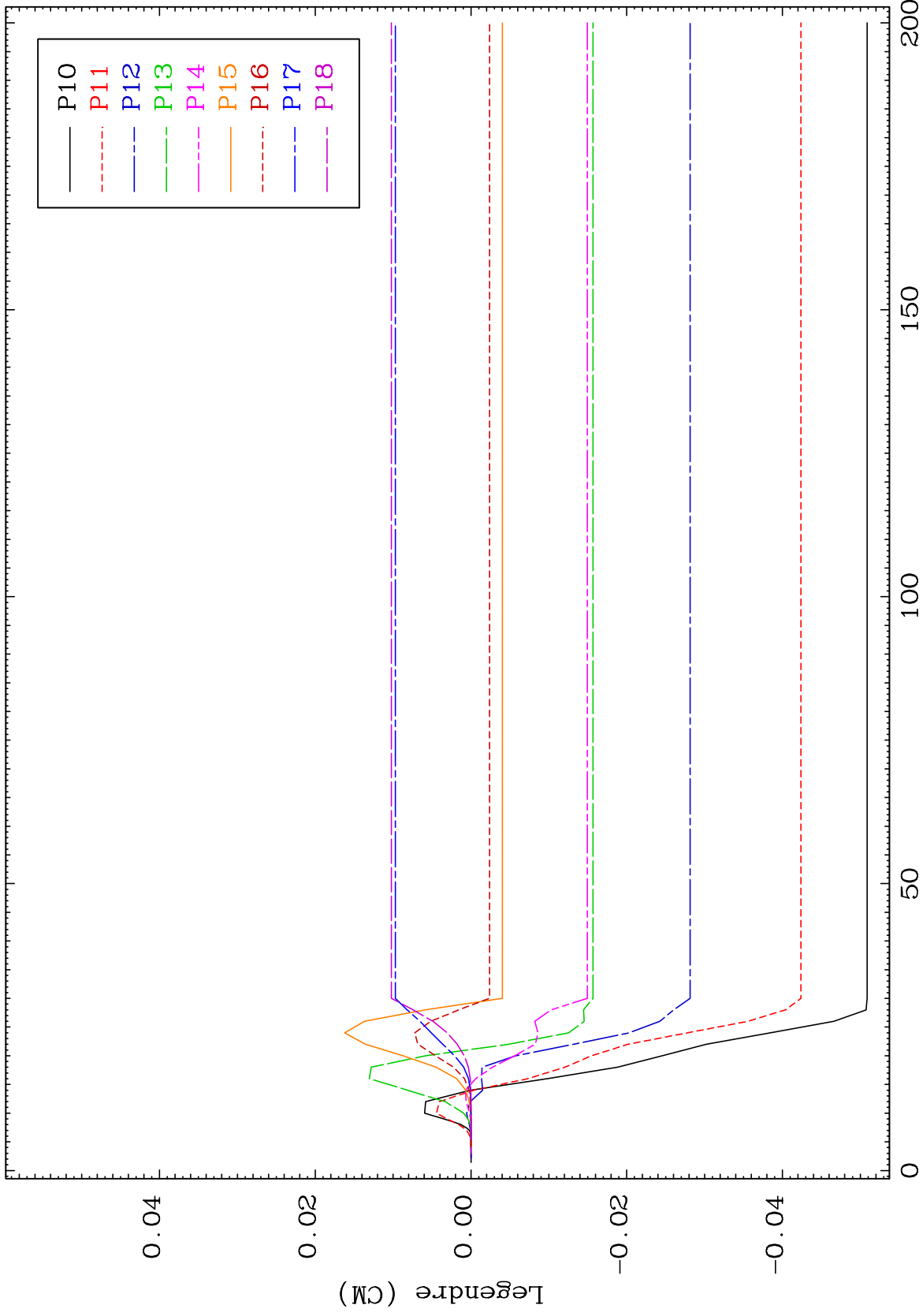




MAT 5107

770.4 keV (n,n') Level
Legendre Coefficients

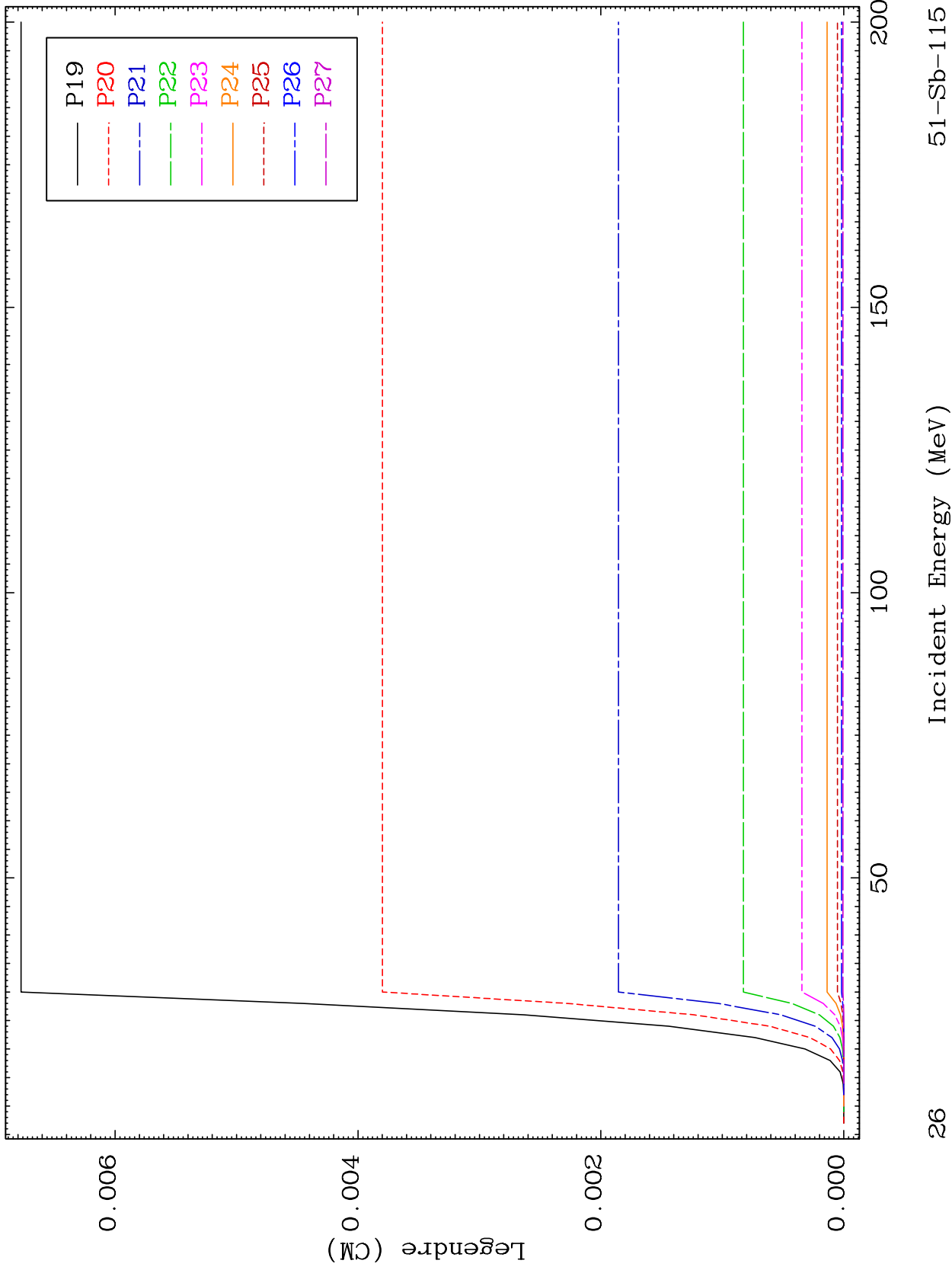
51-Sb-115



25

Incident Energy (MeV)

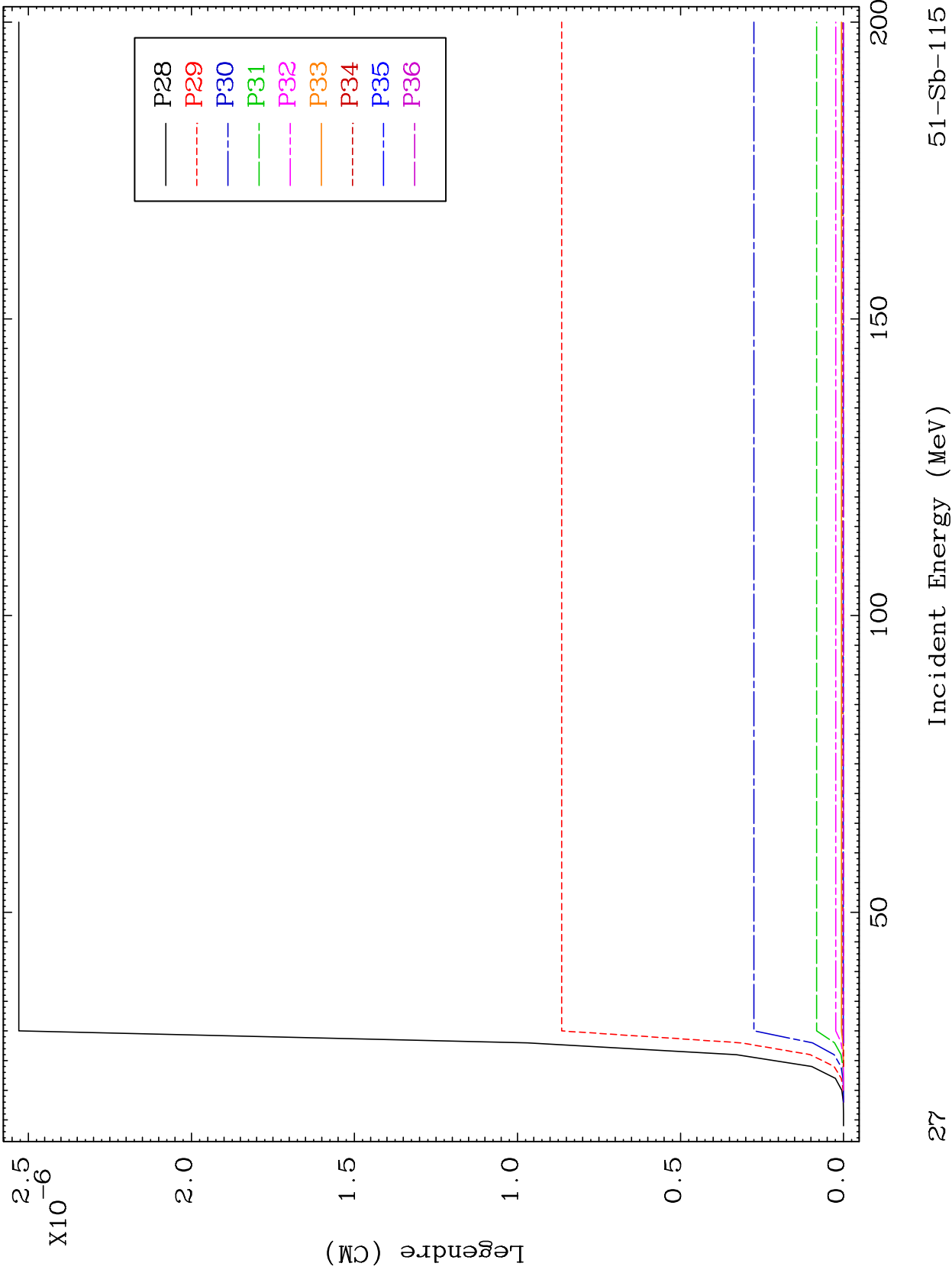
51-Sb-115



MAT 5107

770.4 keV (n,n') Level
Legendre Coefficients

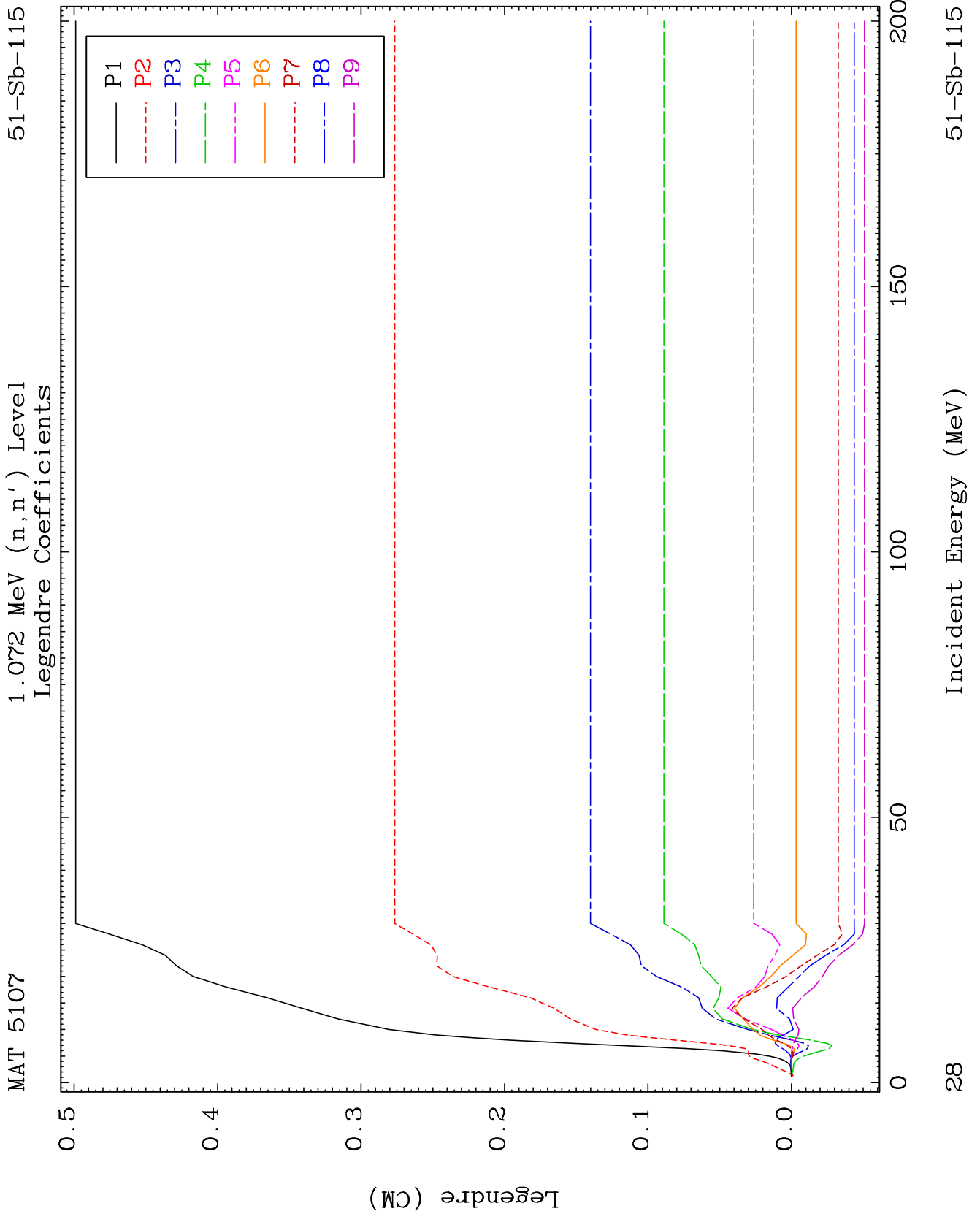
51-Sb-115



27

Incident Energy (MeV)

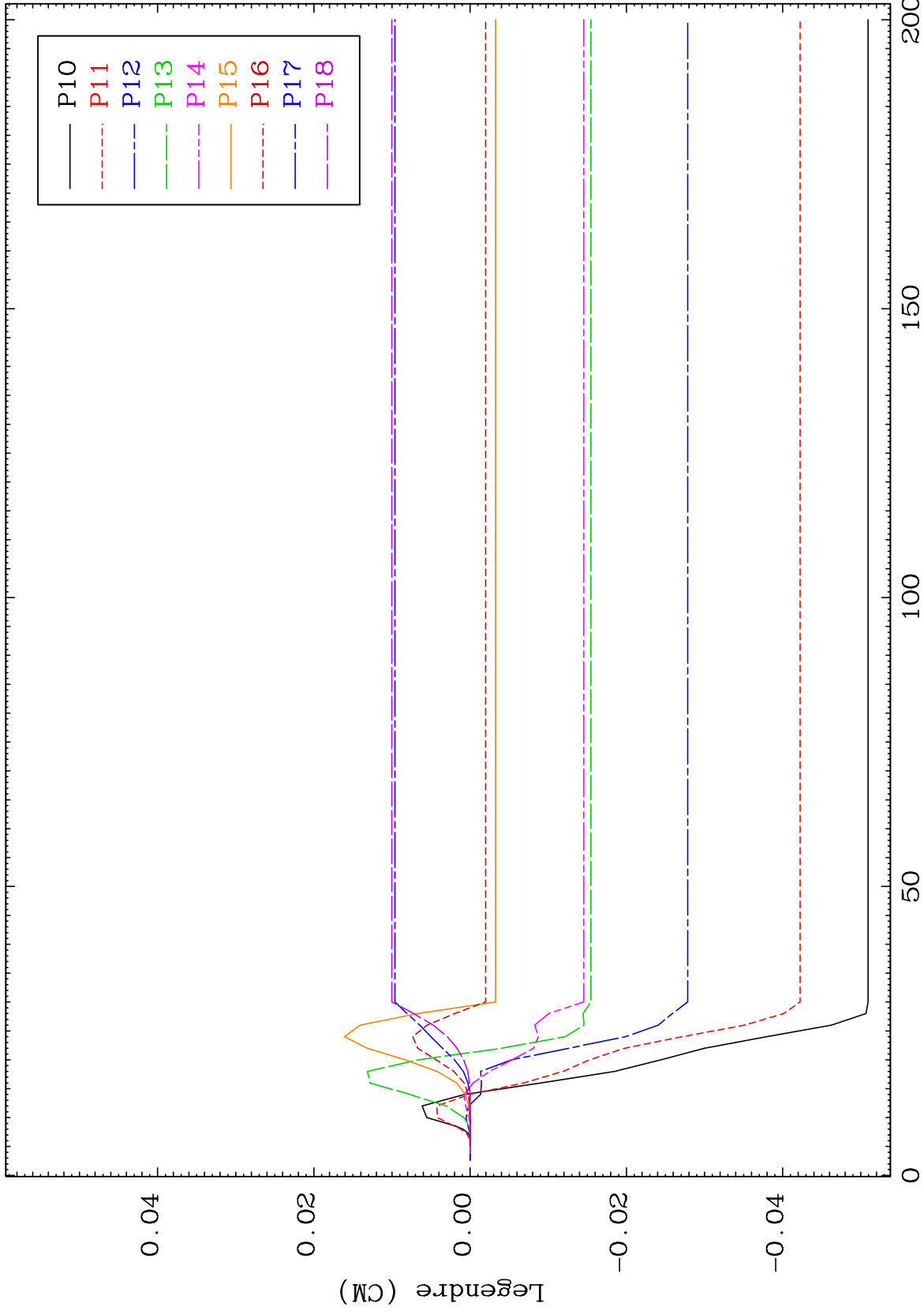
51-Sb-115



MAT 5107

1.072 MeV (n,n') Level
Legendre Coefficients

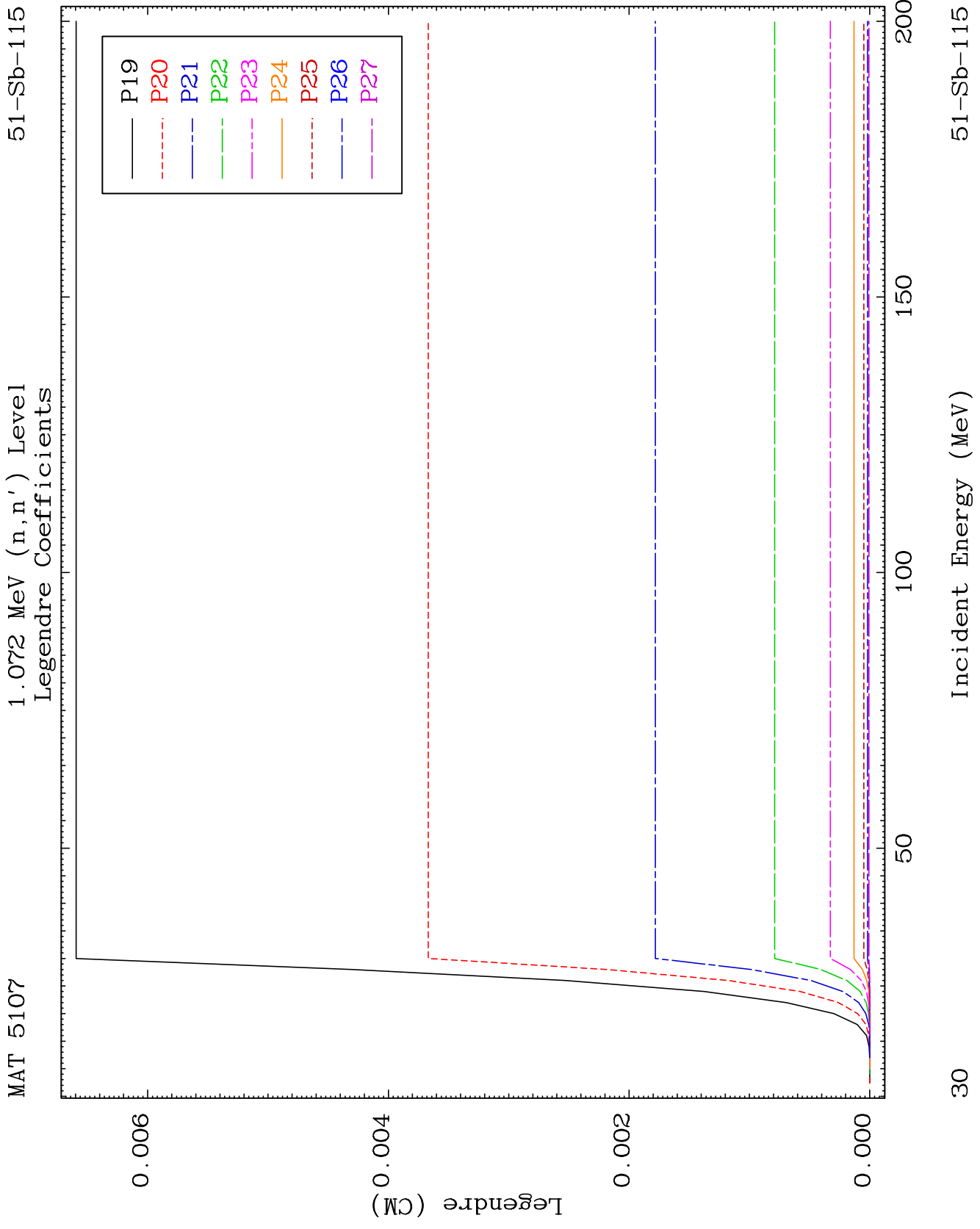
51-Sb-115



29

Incident Energy (MeV)

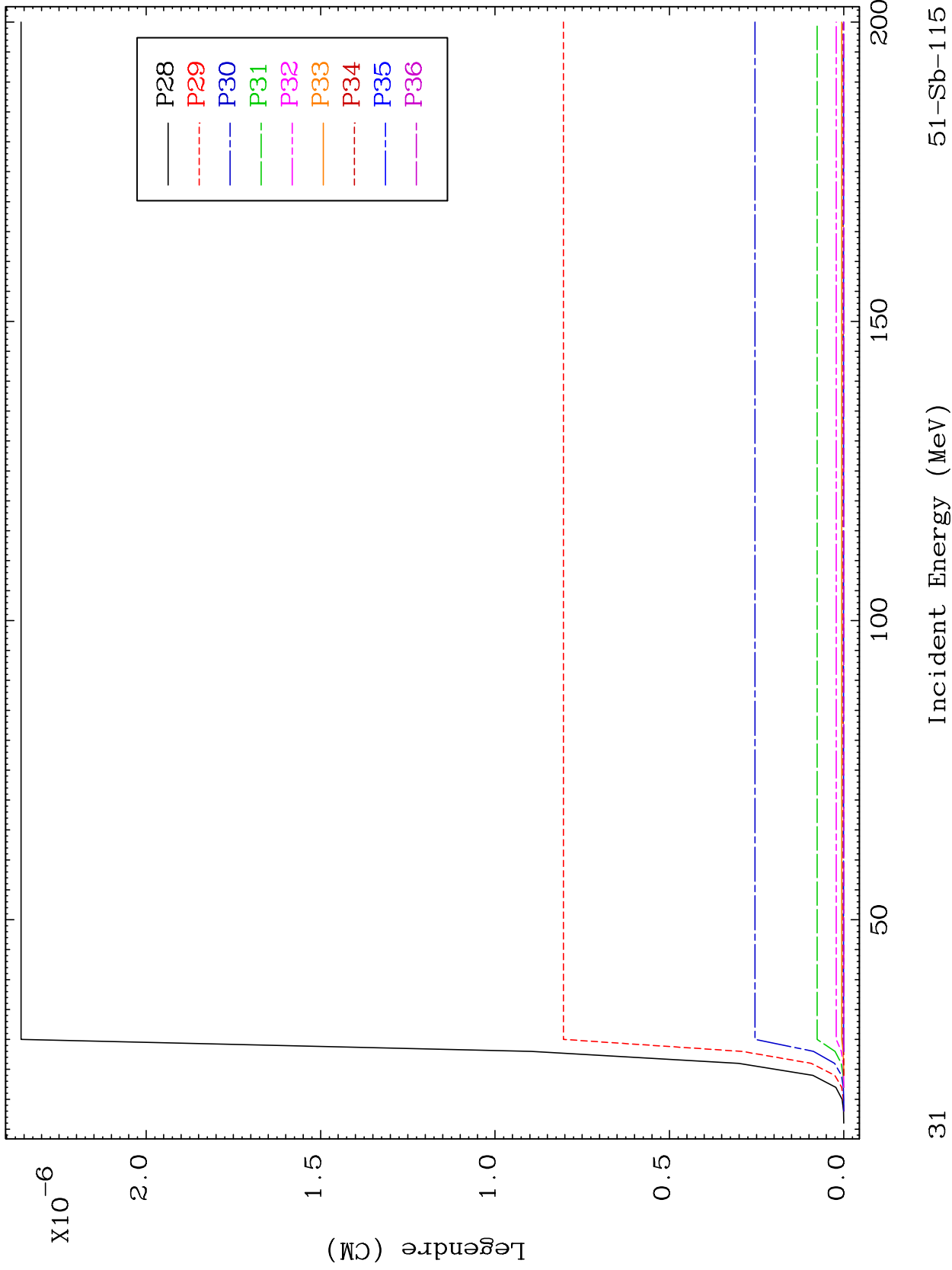
51-Sb-115



MAT 5107

1.072 MeV (n,n') Level
Legendre Coefficients

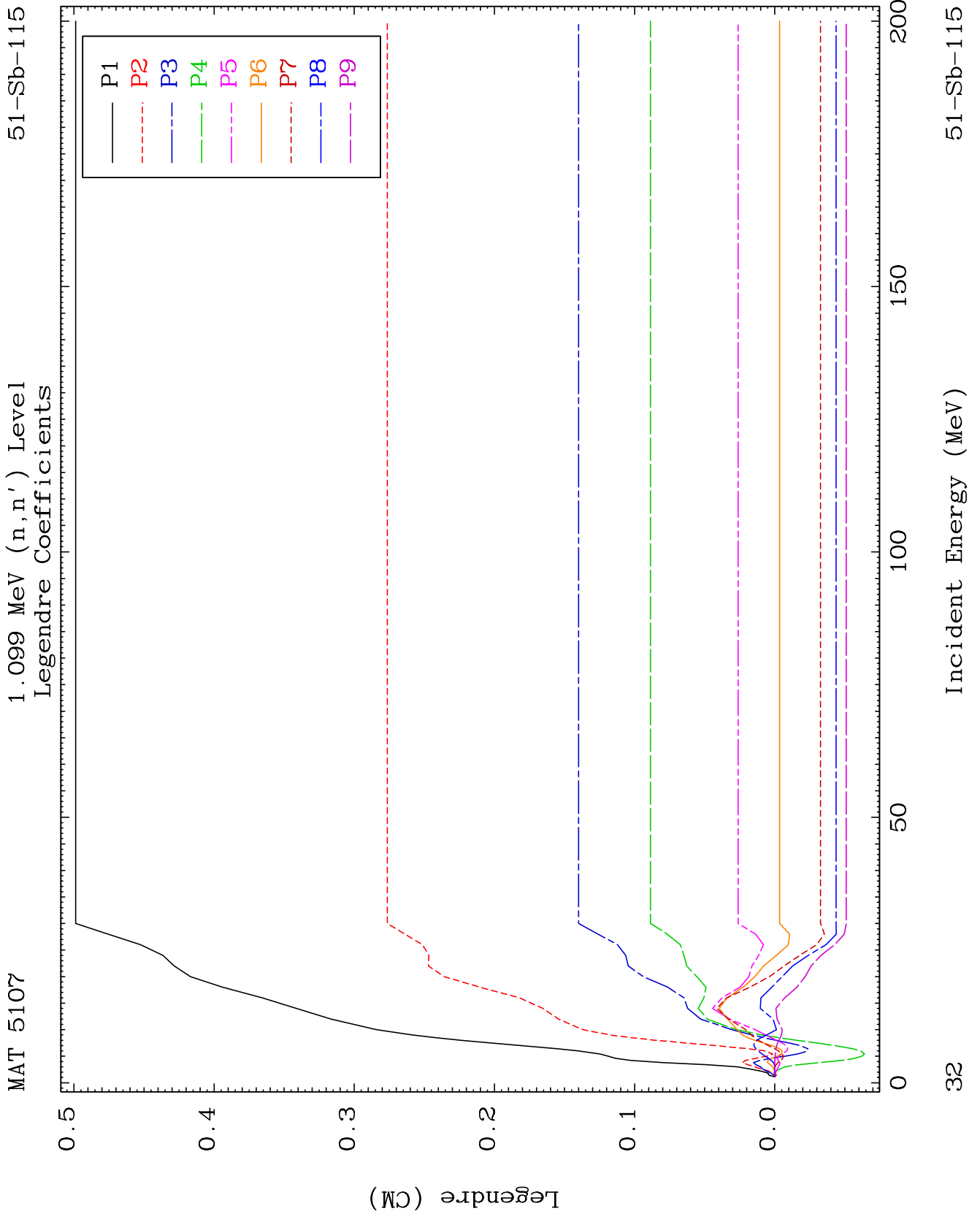
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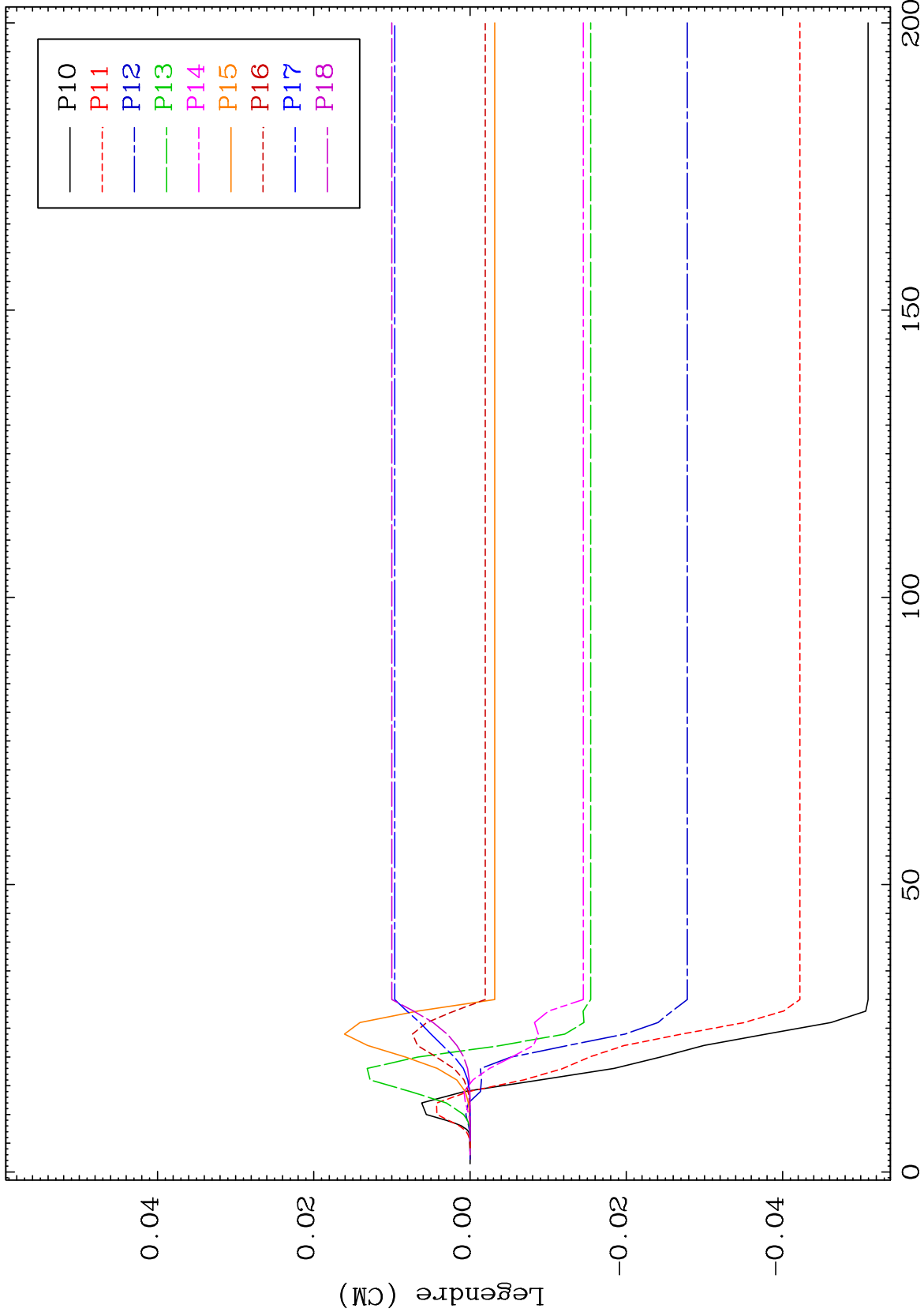


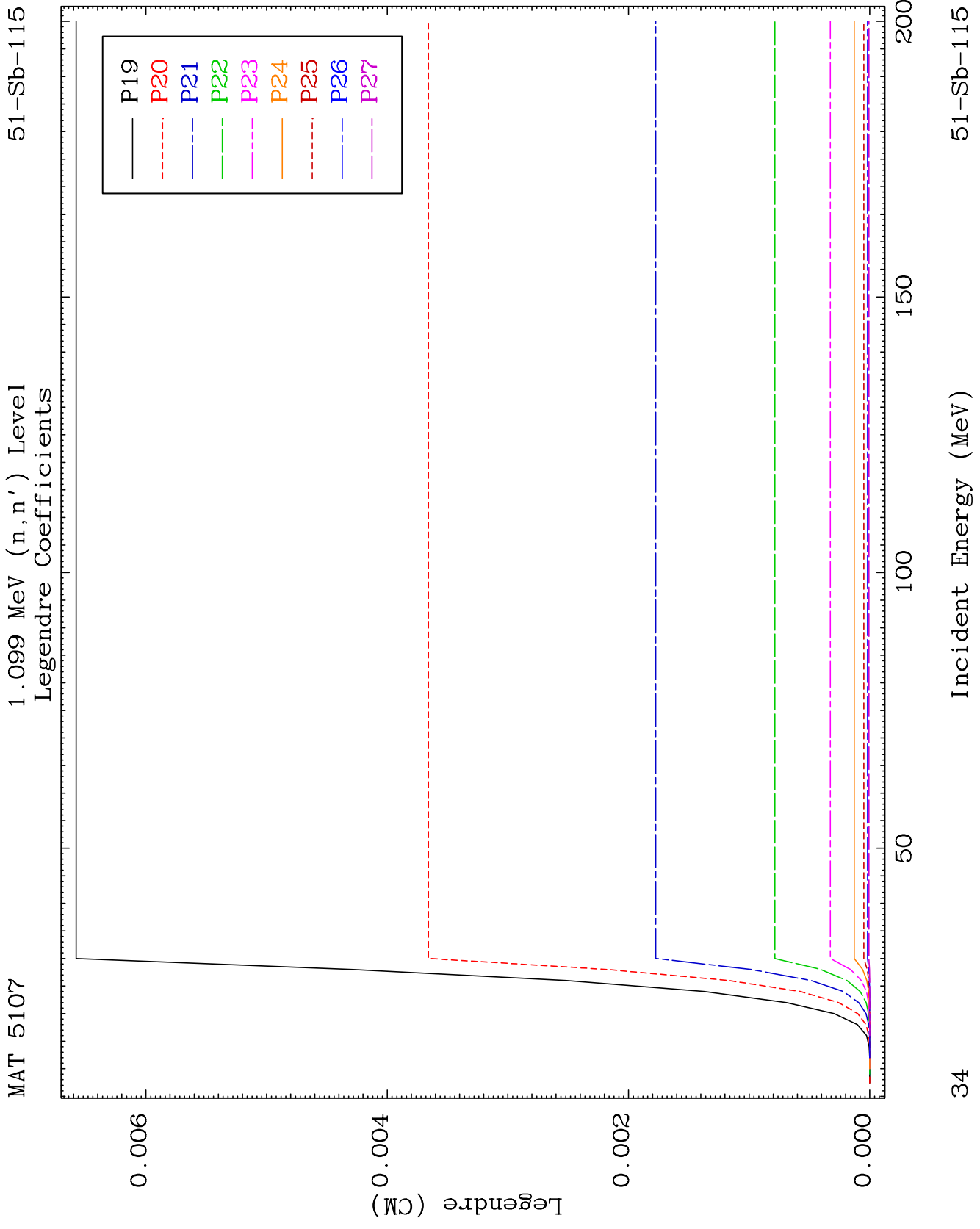
31

Incident Energy (MeV)

51-Sb-115



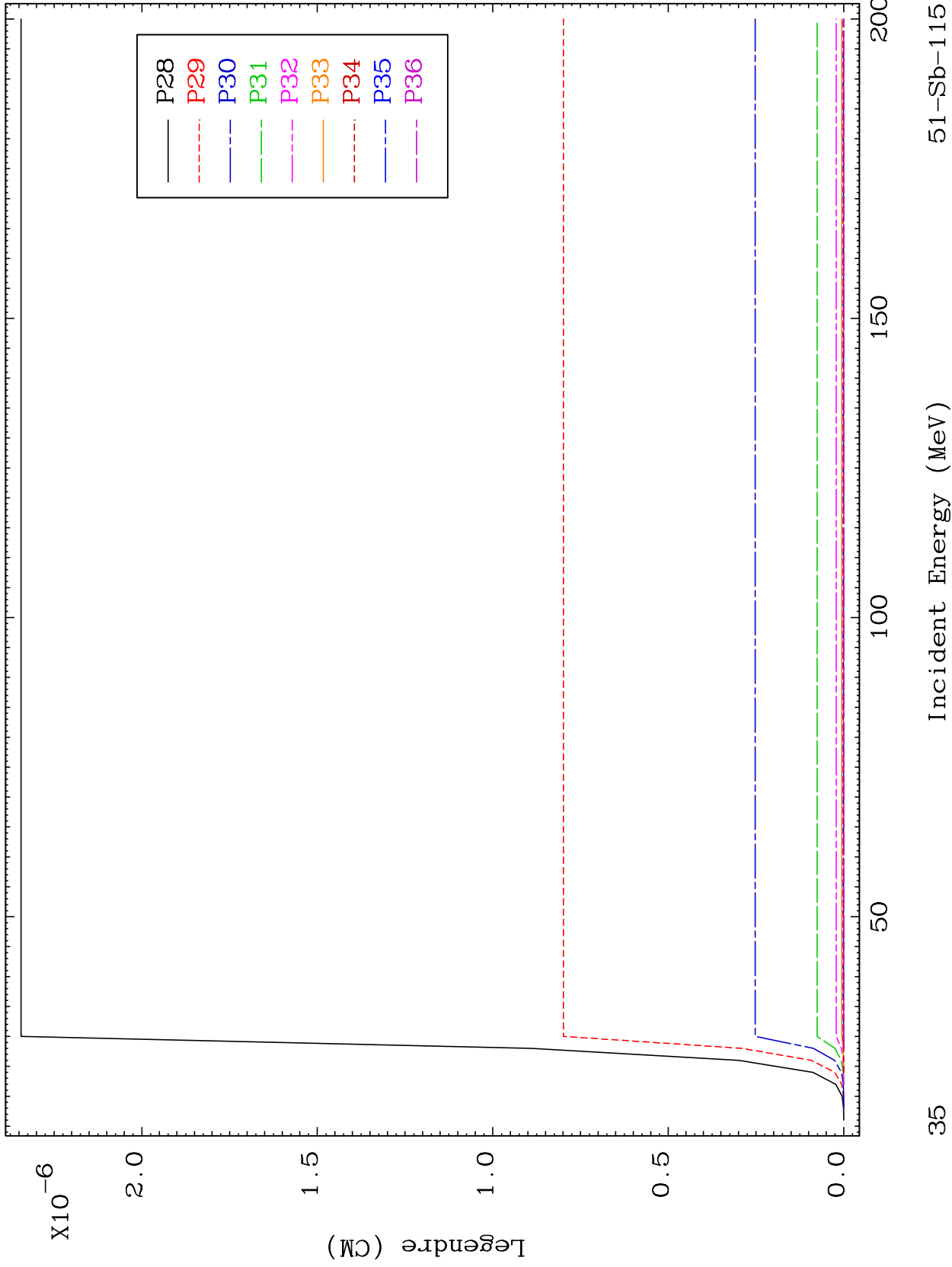




MAT 5107

1.099 MeV (n,n') Level
Legendre Coefficients

51-Sb-115



35

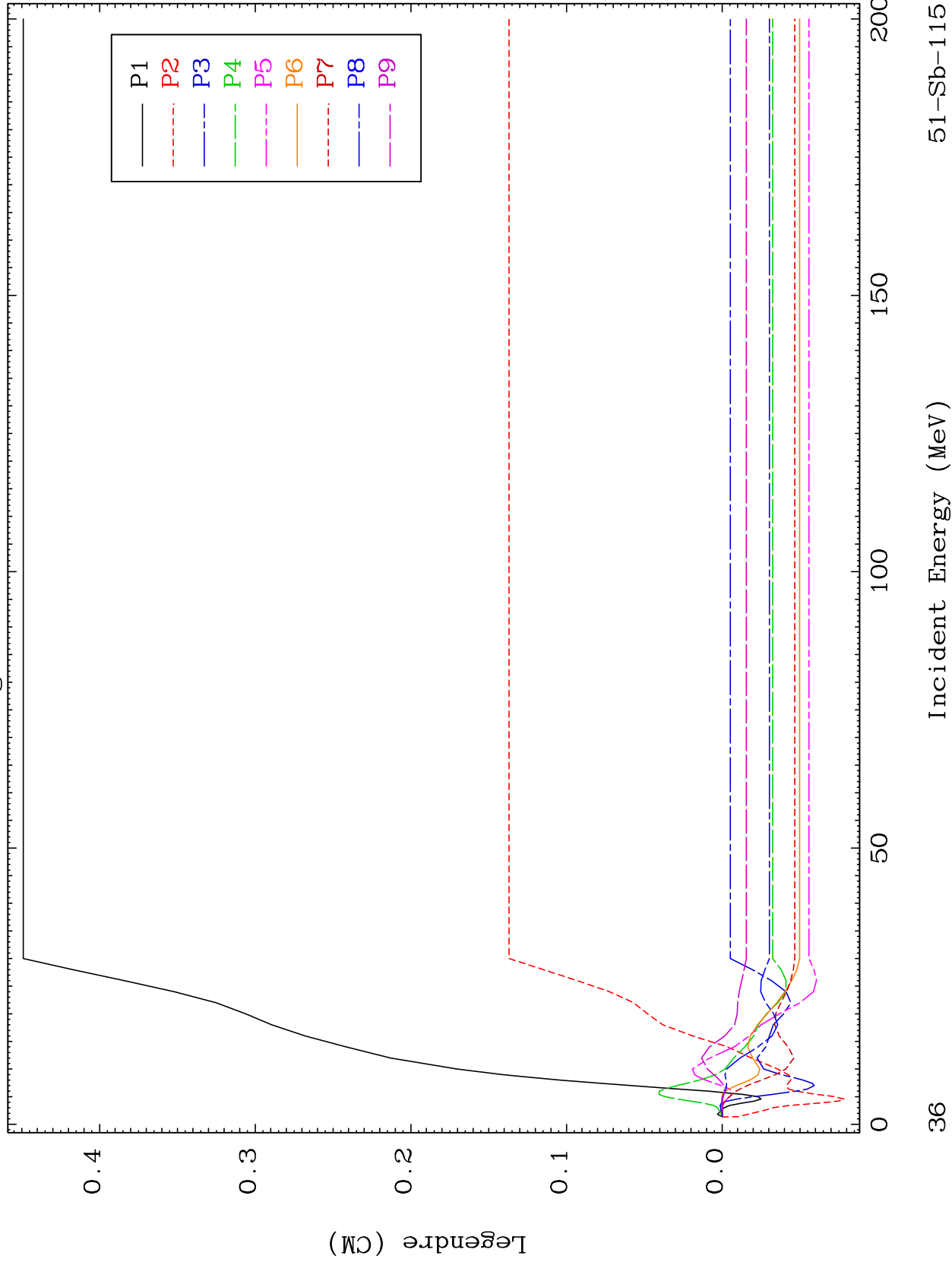
Incident Energy (MeV)

51-Sb-115

MAT 5107

1.300 MeV (n,n') Level
Legendre Coefficients

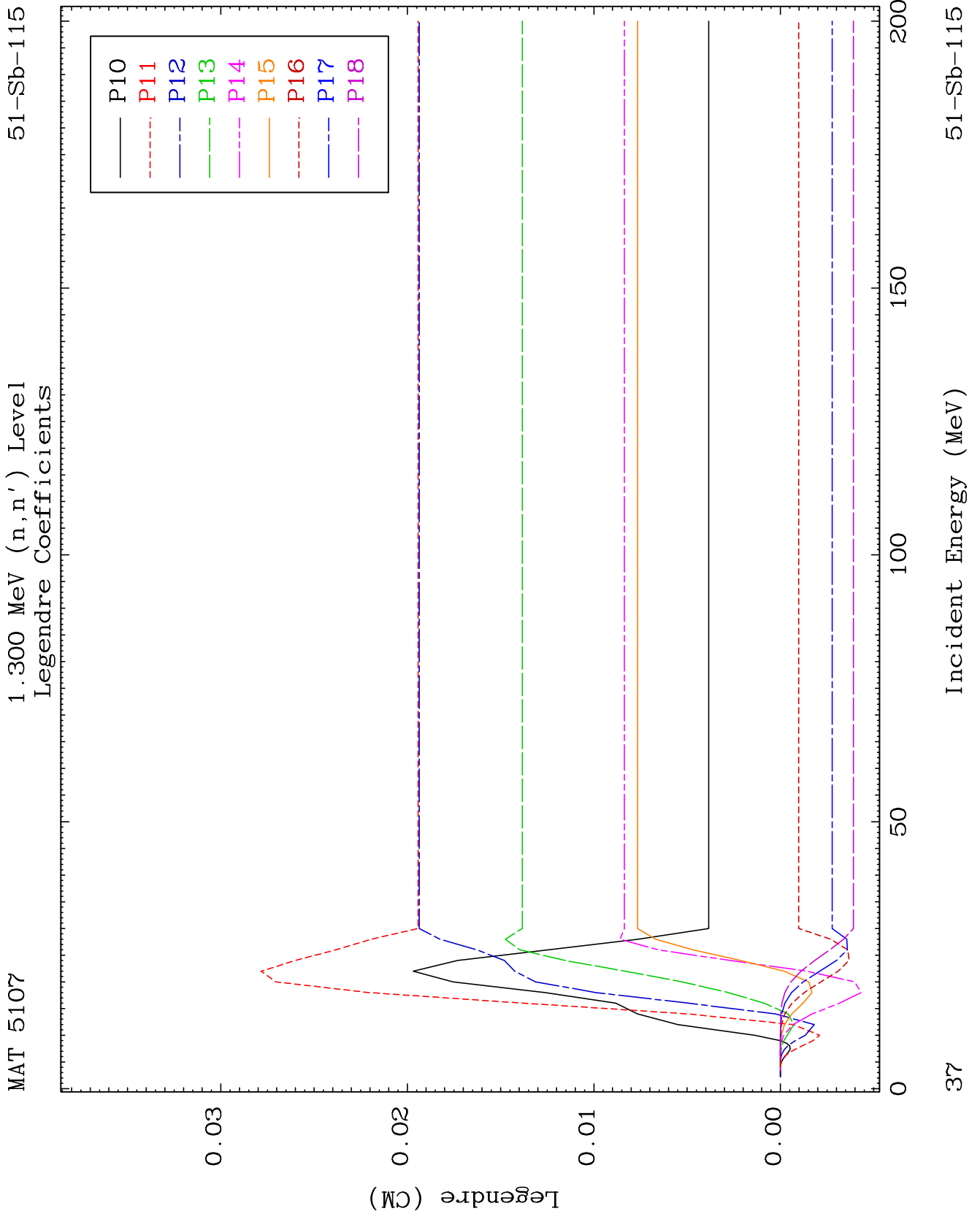
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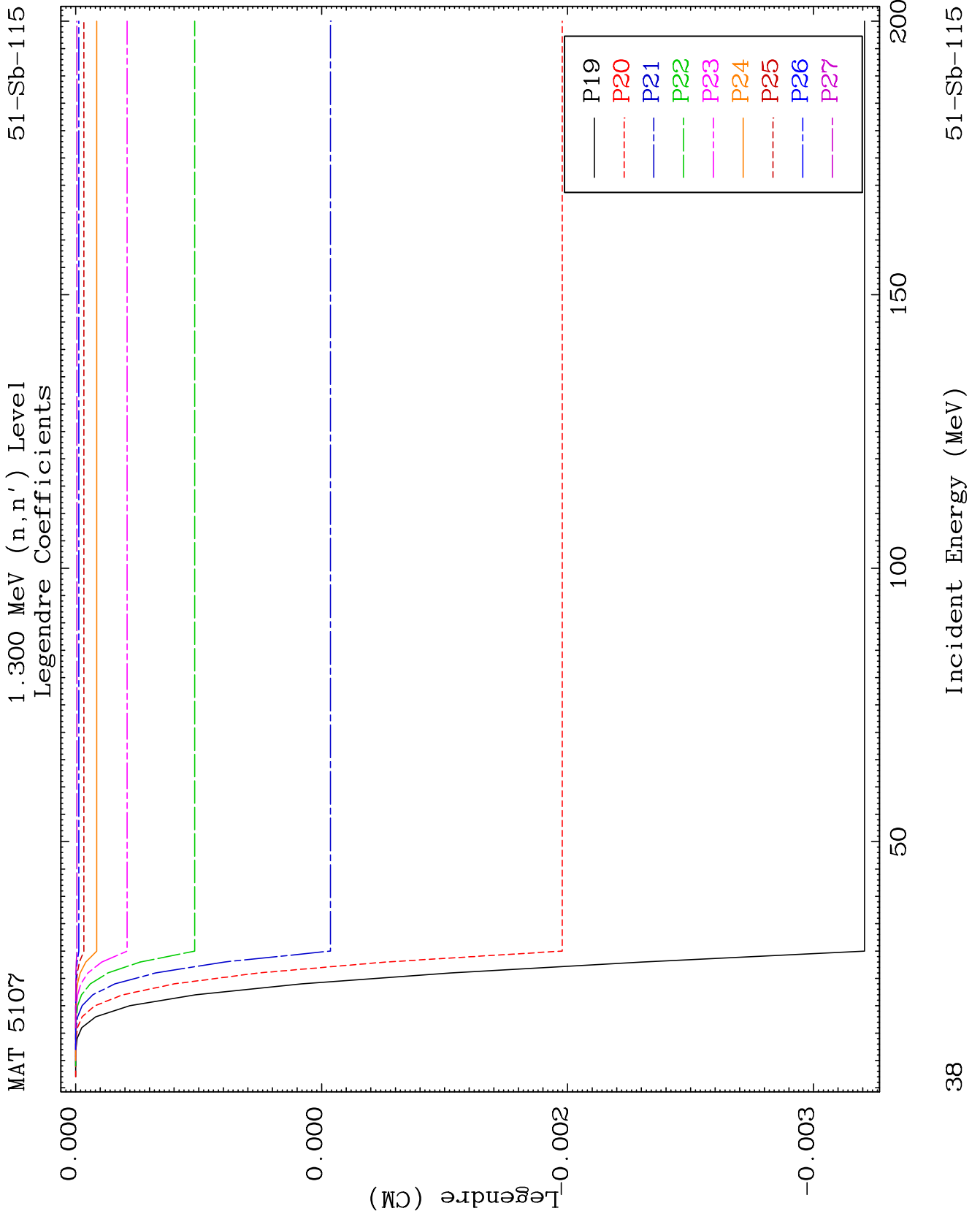


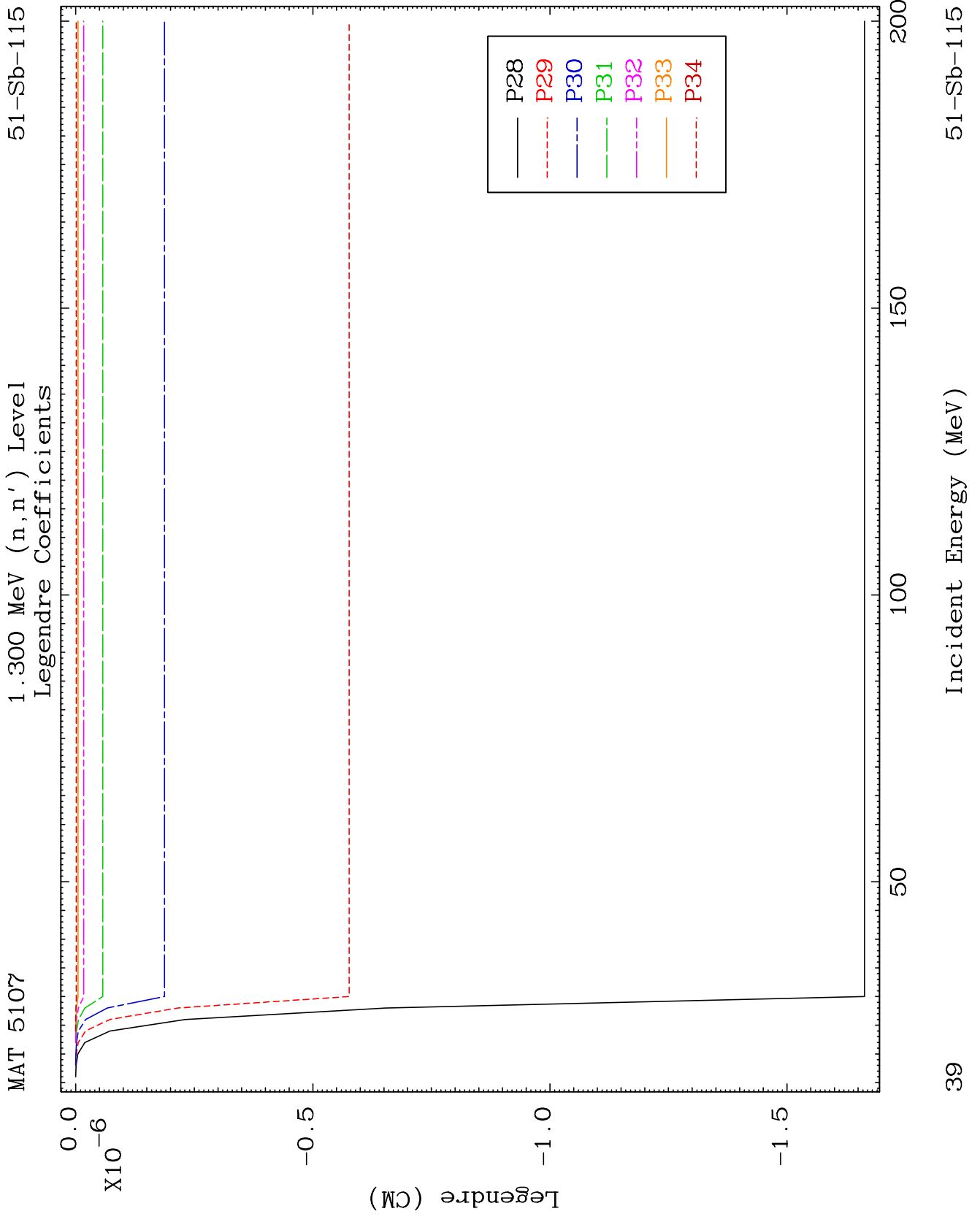
51-Sb-115

Incident Energy (MeV)

36



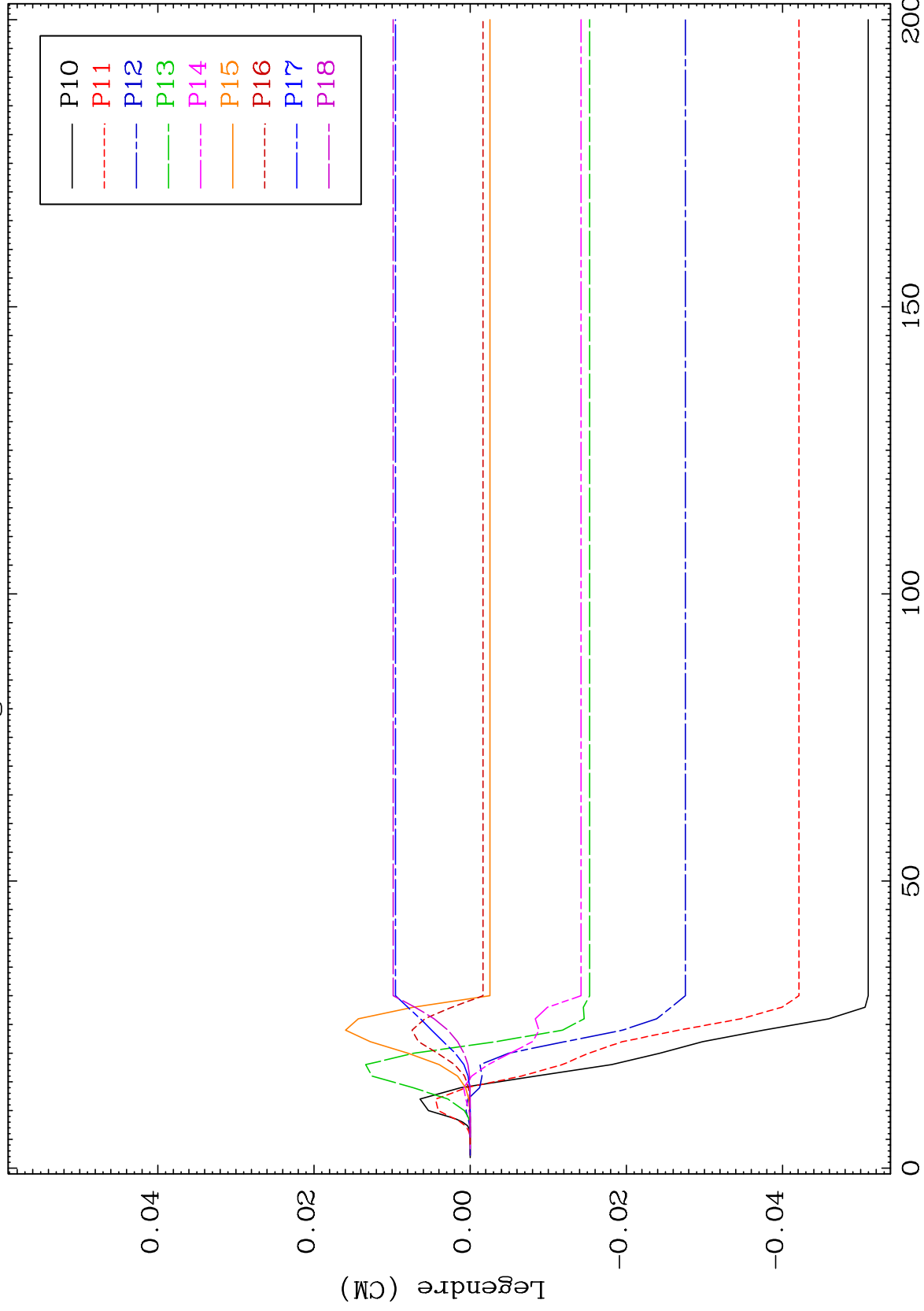




MAT 5107

1.327 MeV (n,n') Level
Legendre Coefficients

51-Sb-115



41

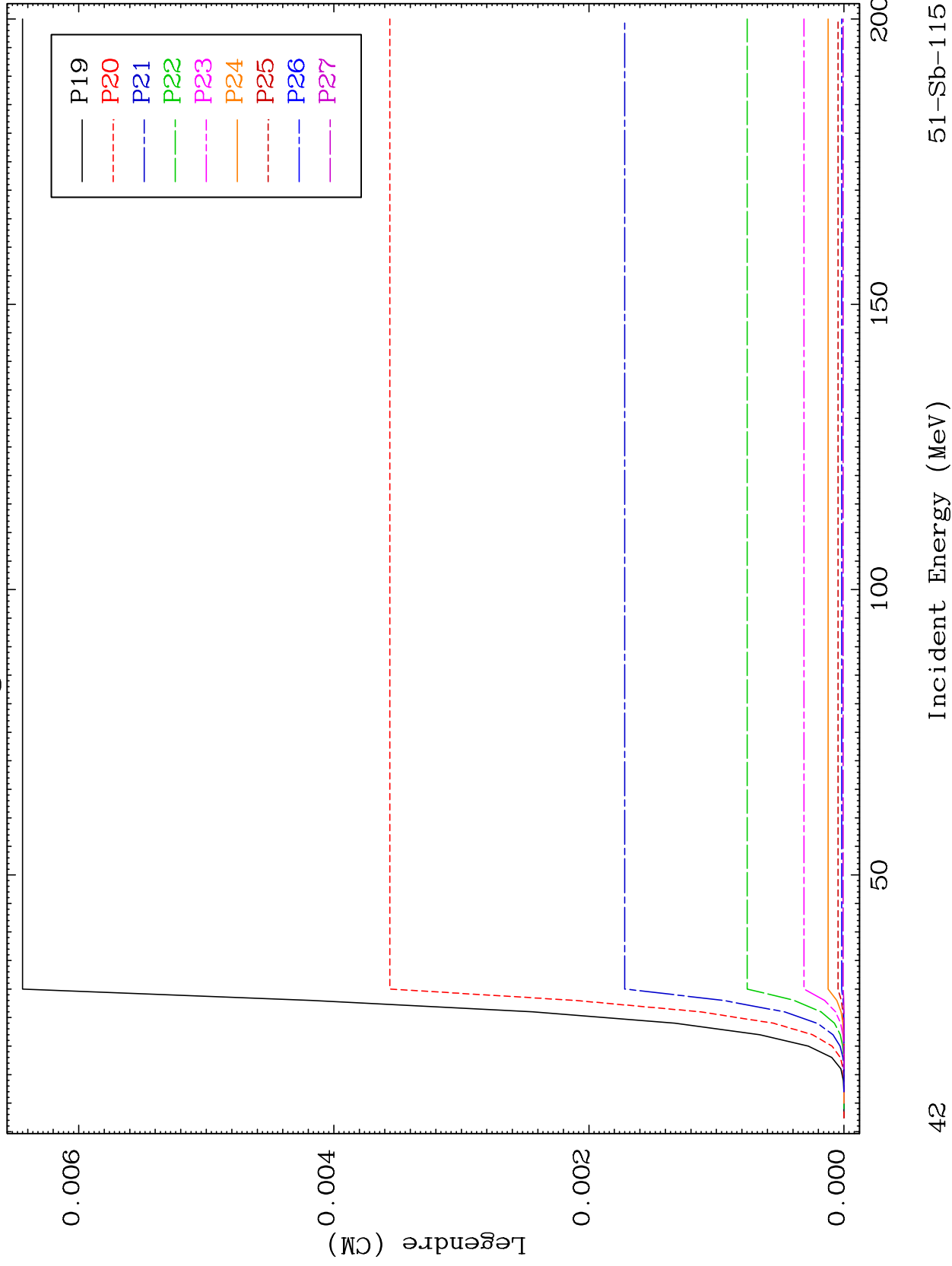
Incident Energy (MeV)

51-Sb-115

MAT 5107

1.327 MeV (n,n') Level
Legendre Coefficients

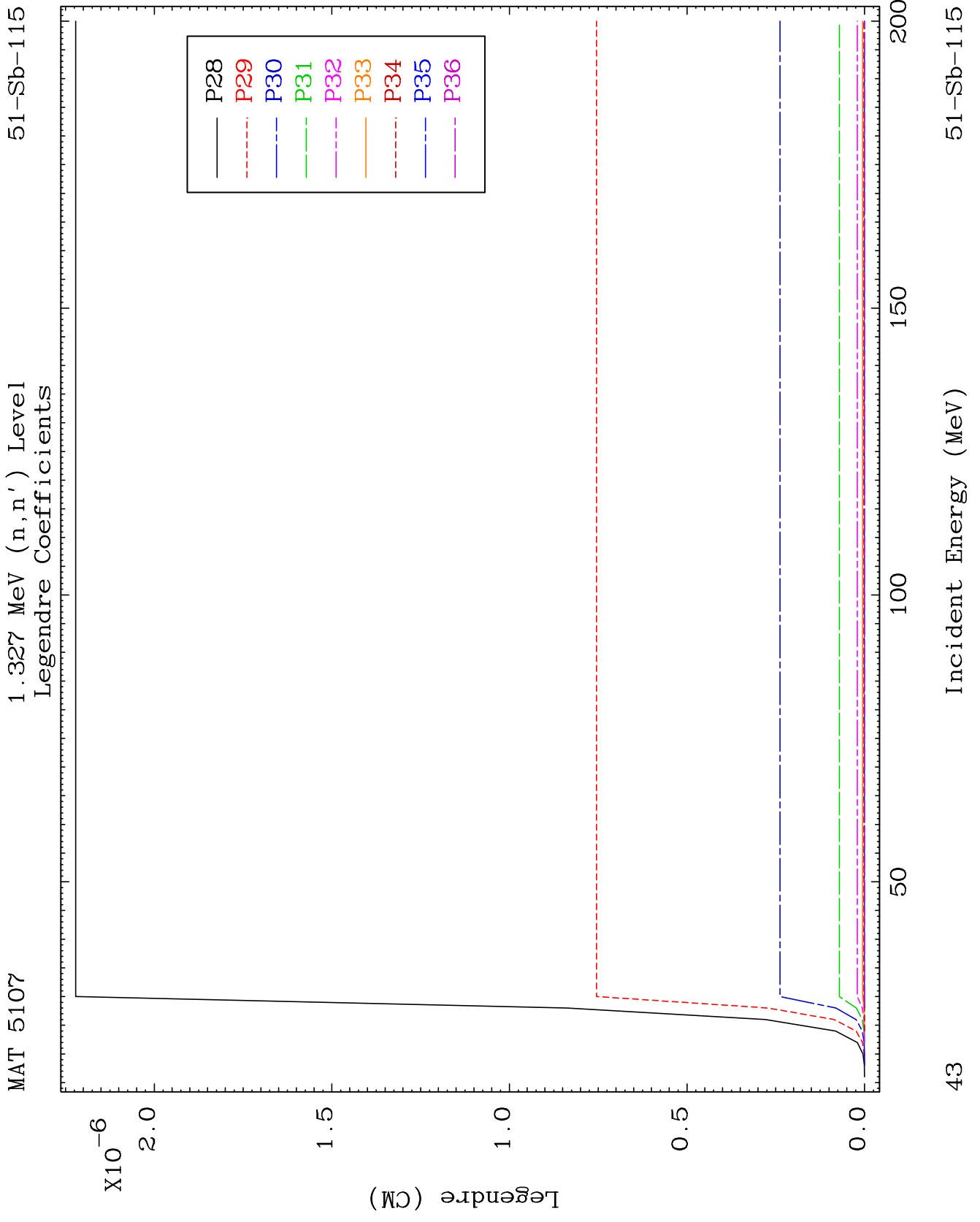
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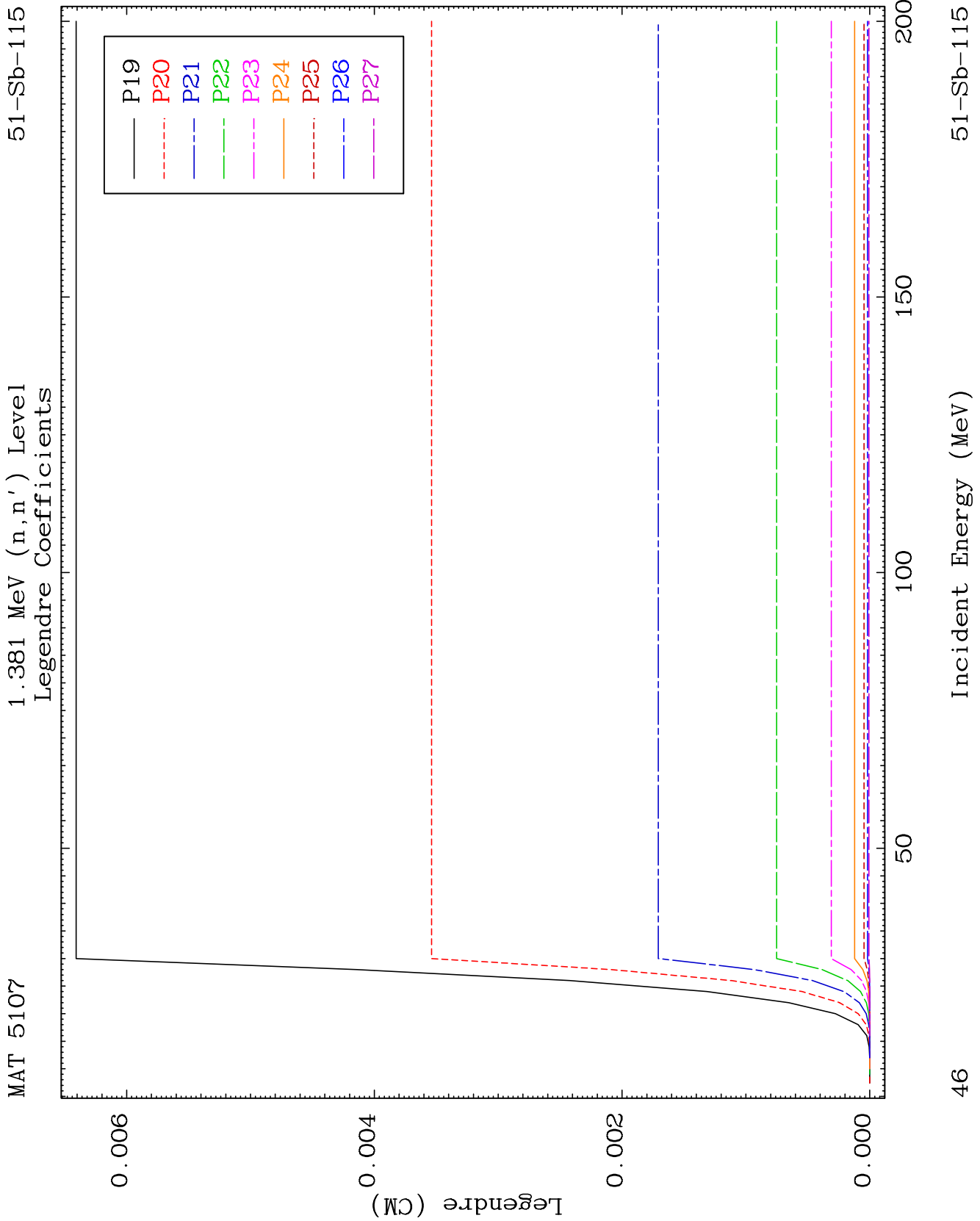


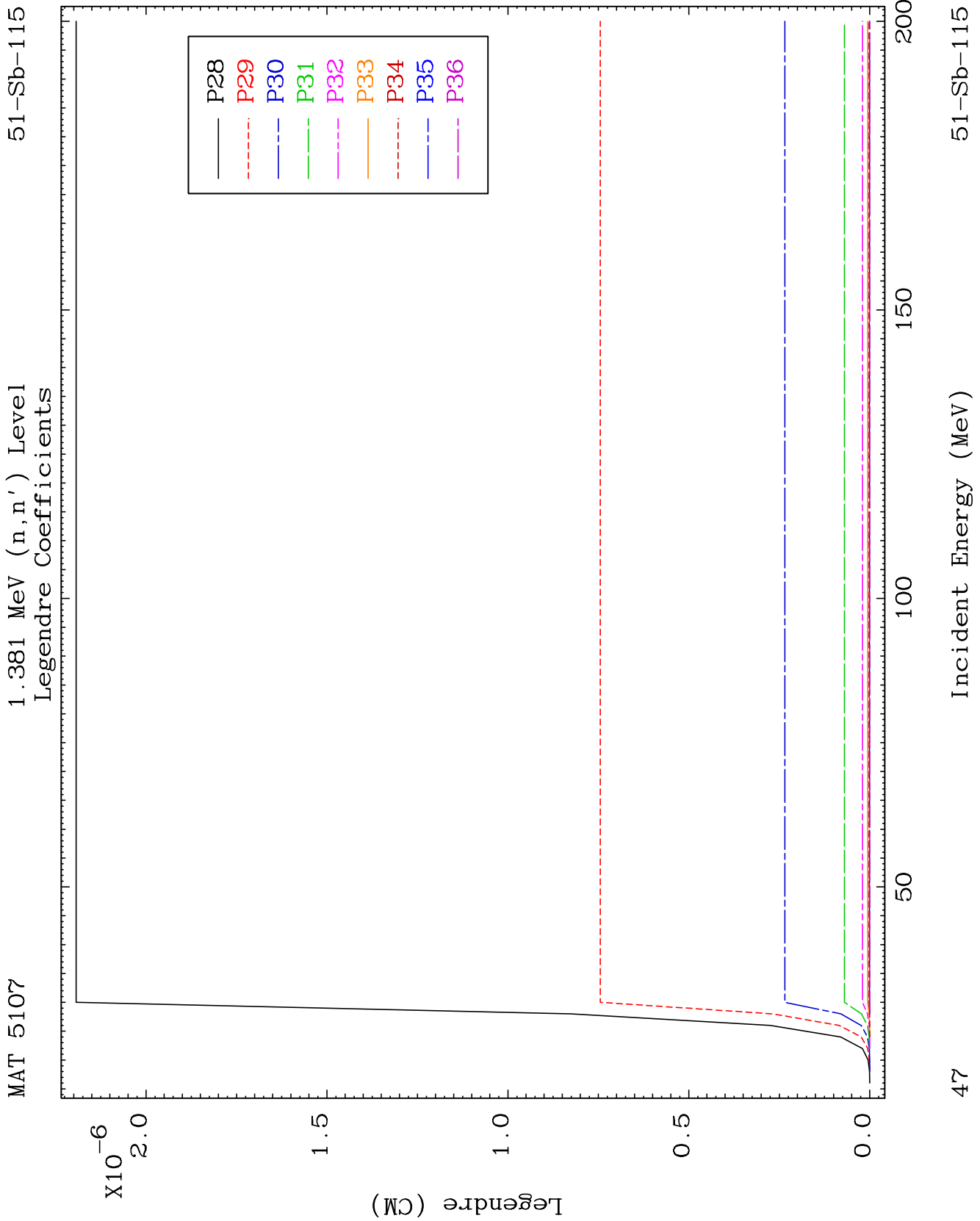
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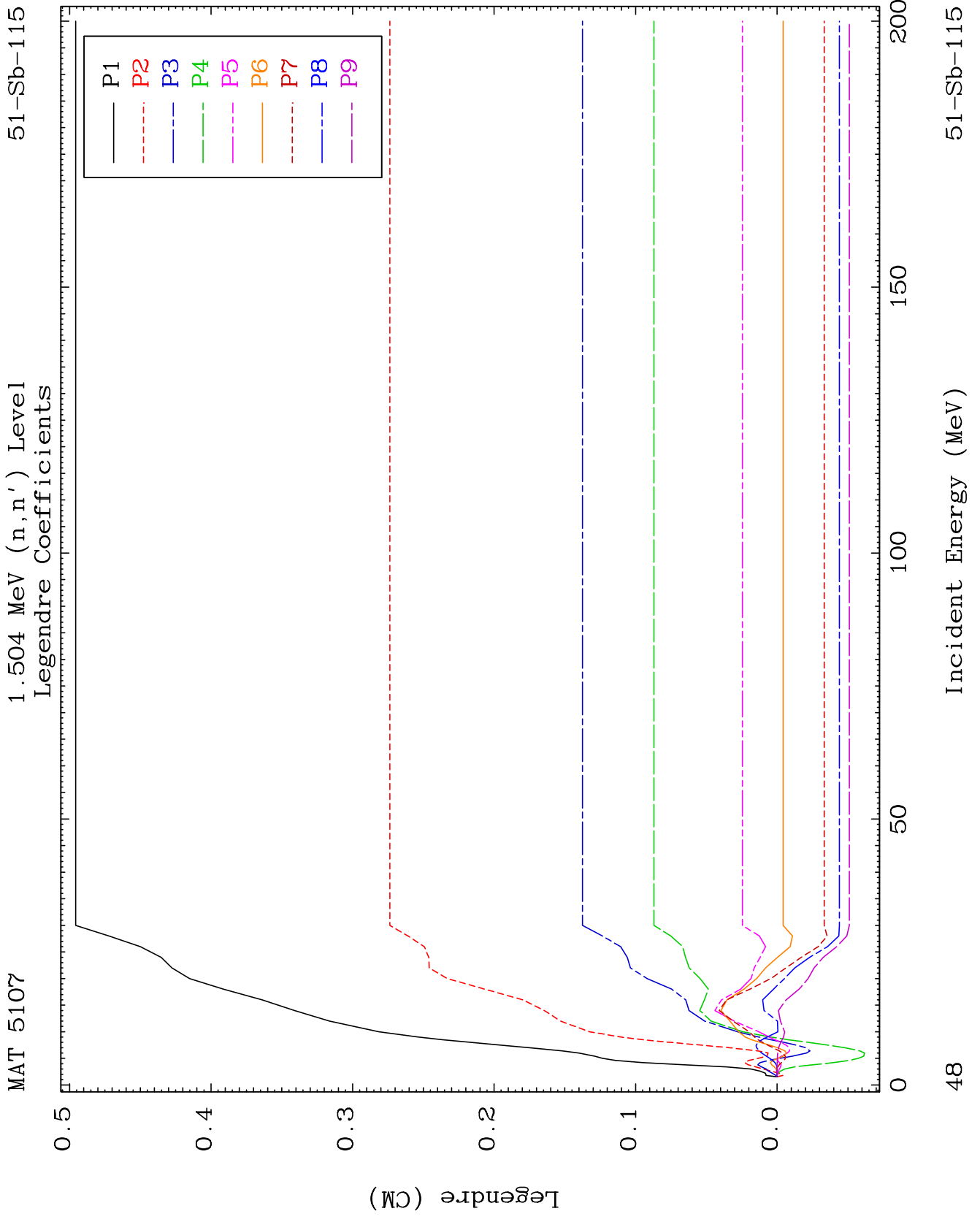
Incident Energy (MeV)

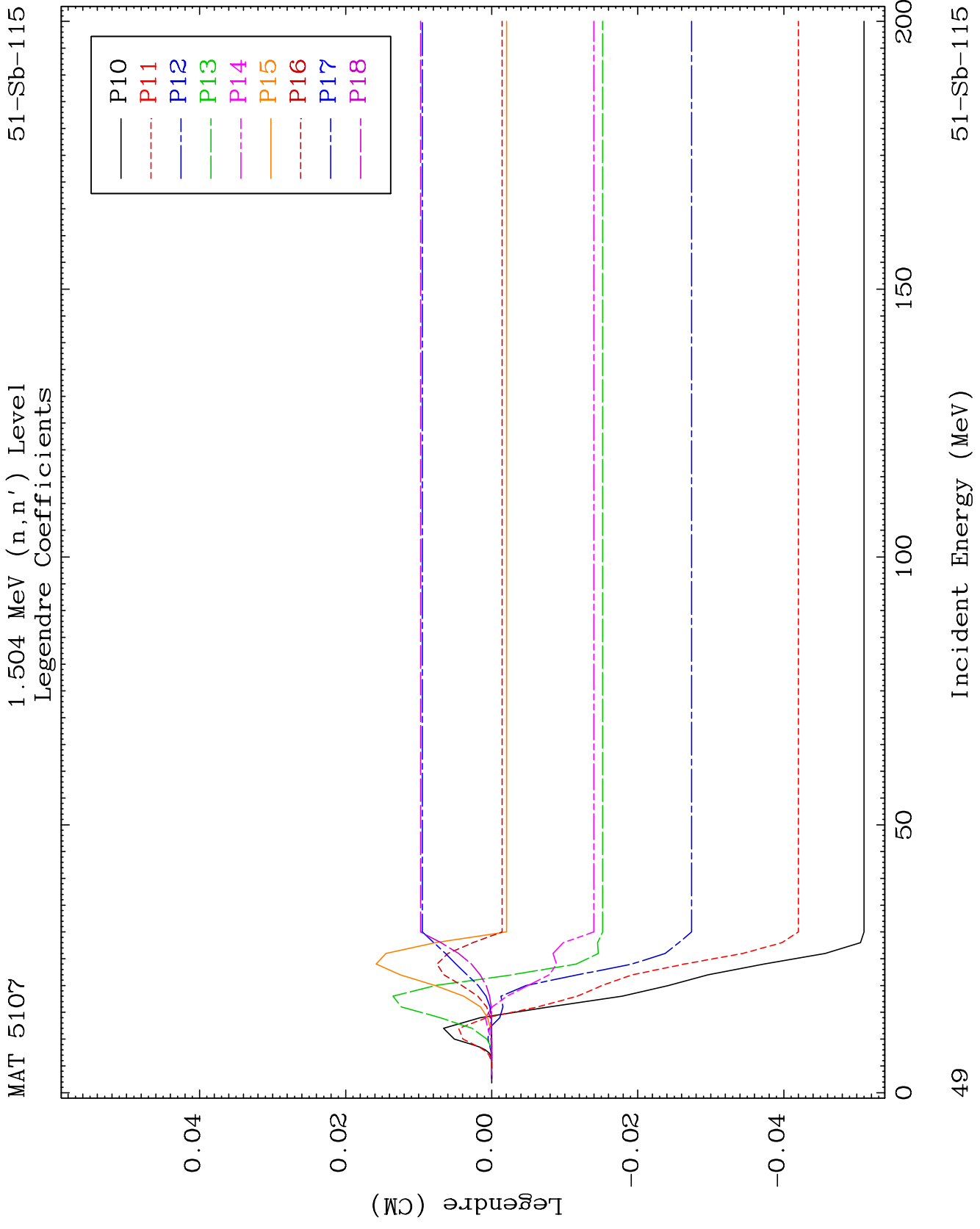
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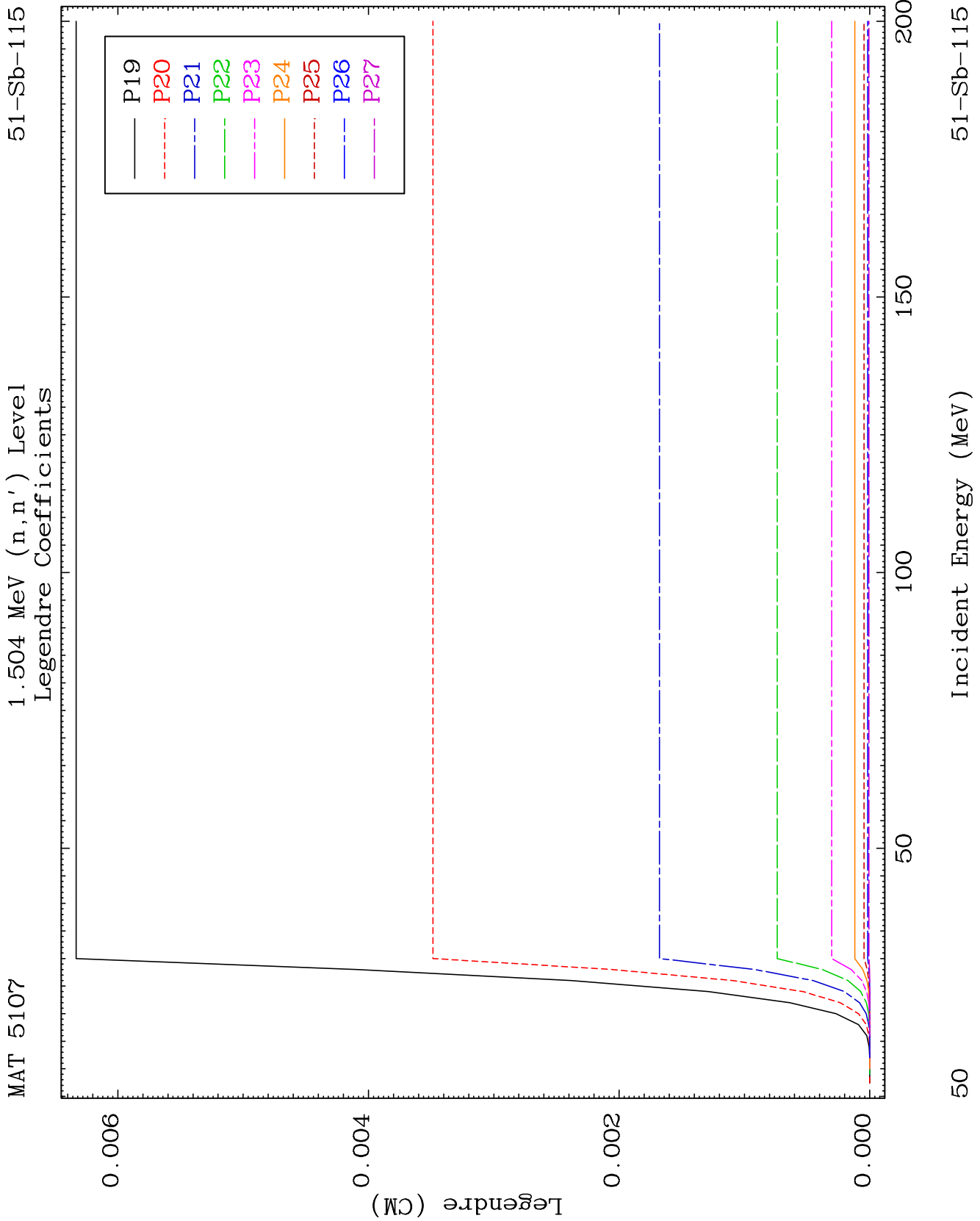


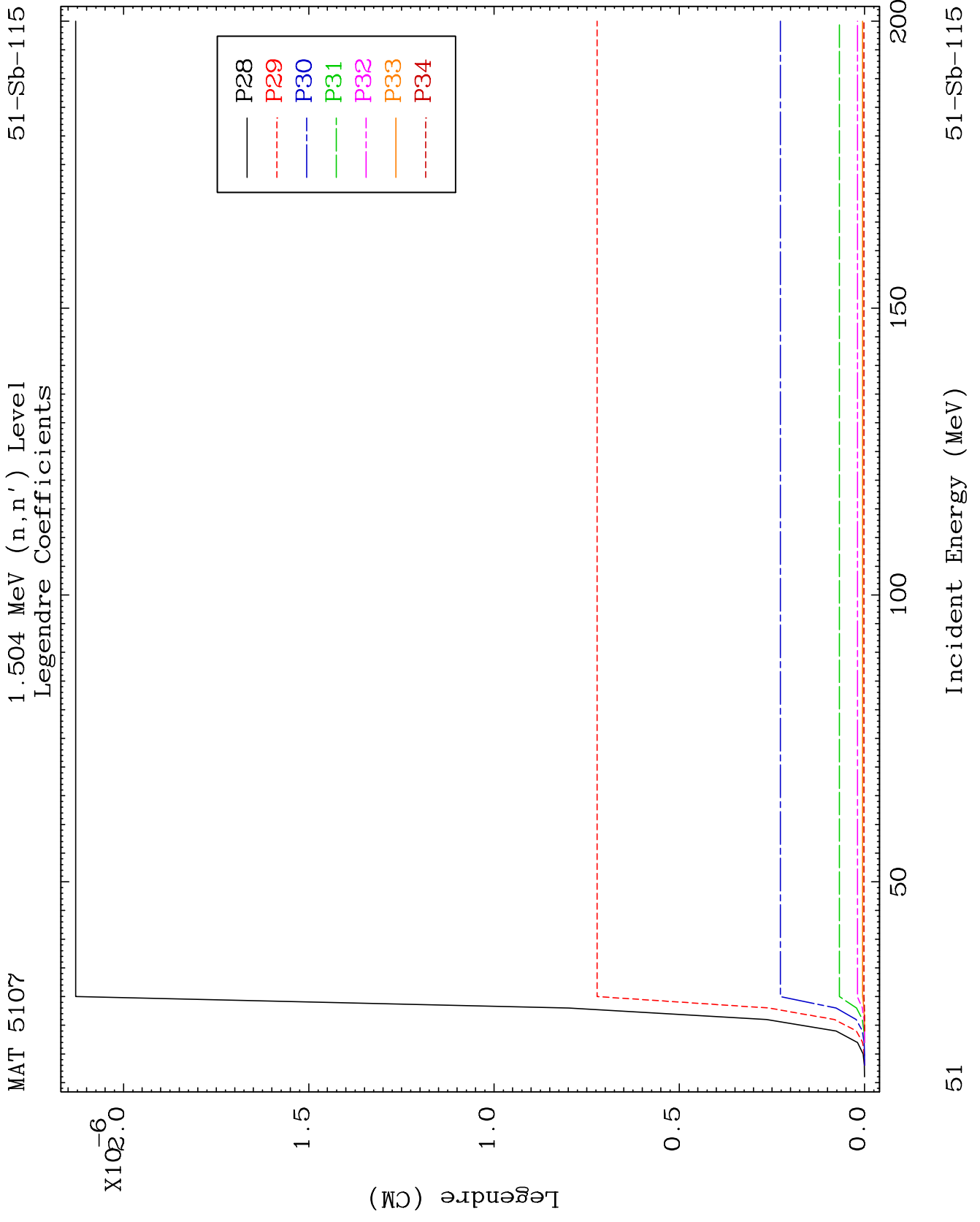








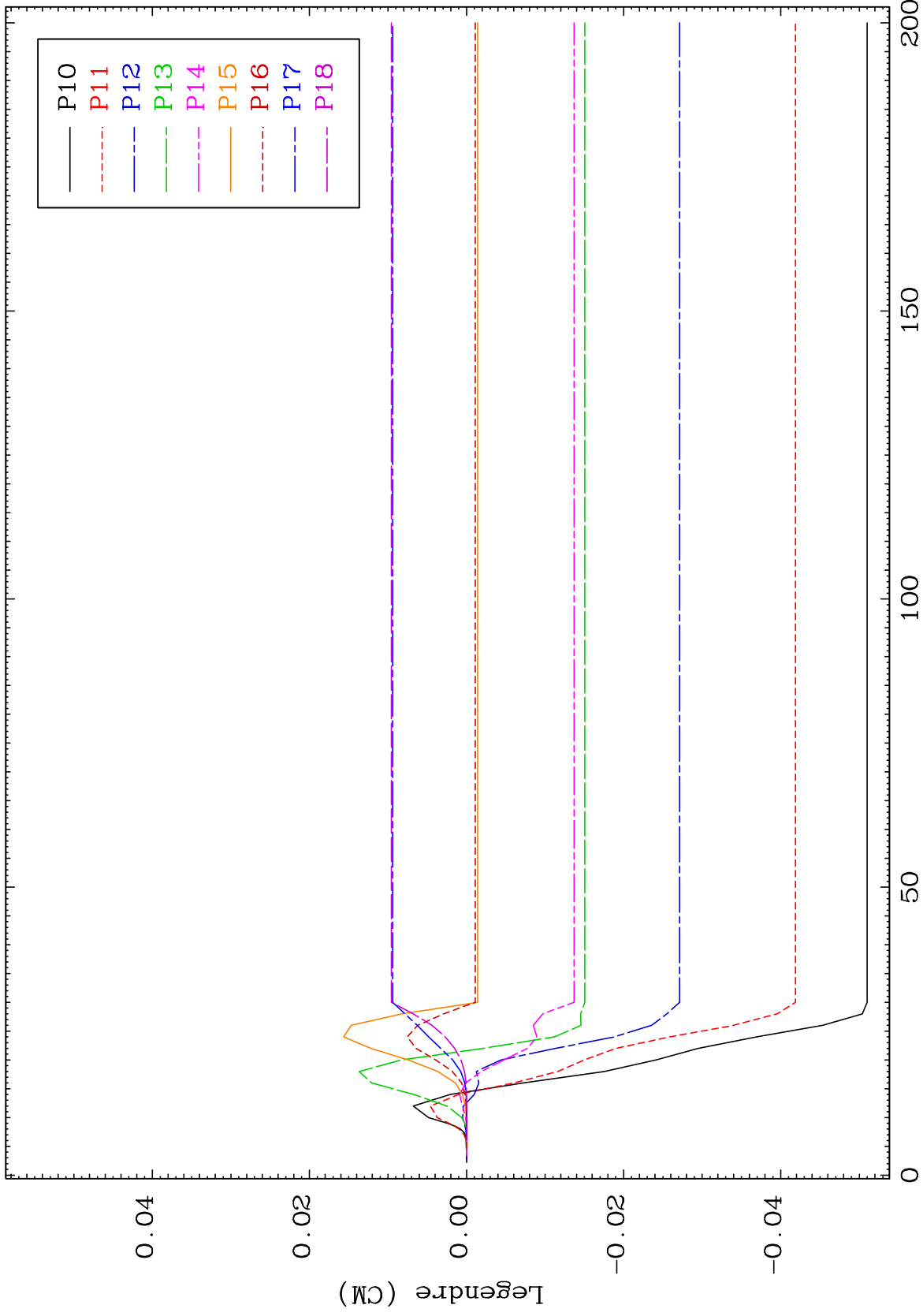




MAT 5107

1.736 MeV (n,n') Level
Legendre Coefficients

51-Sb-115



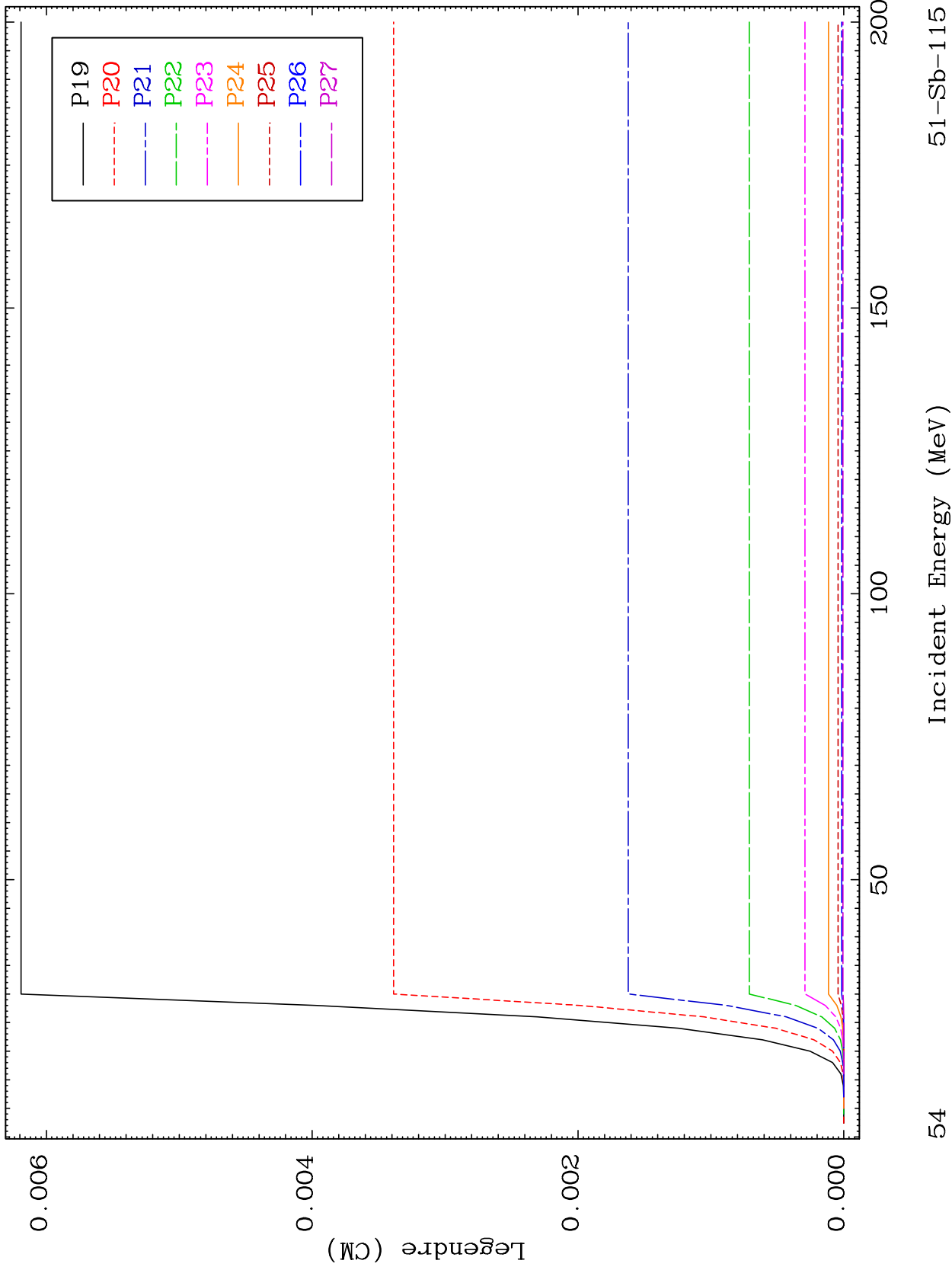
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51-Sb-115

MAT 5107

1.736 MeV (n,n') Level
Legendre Coefficients

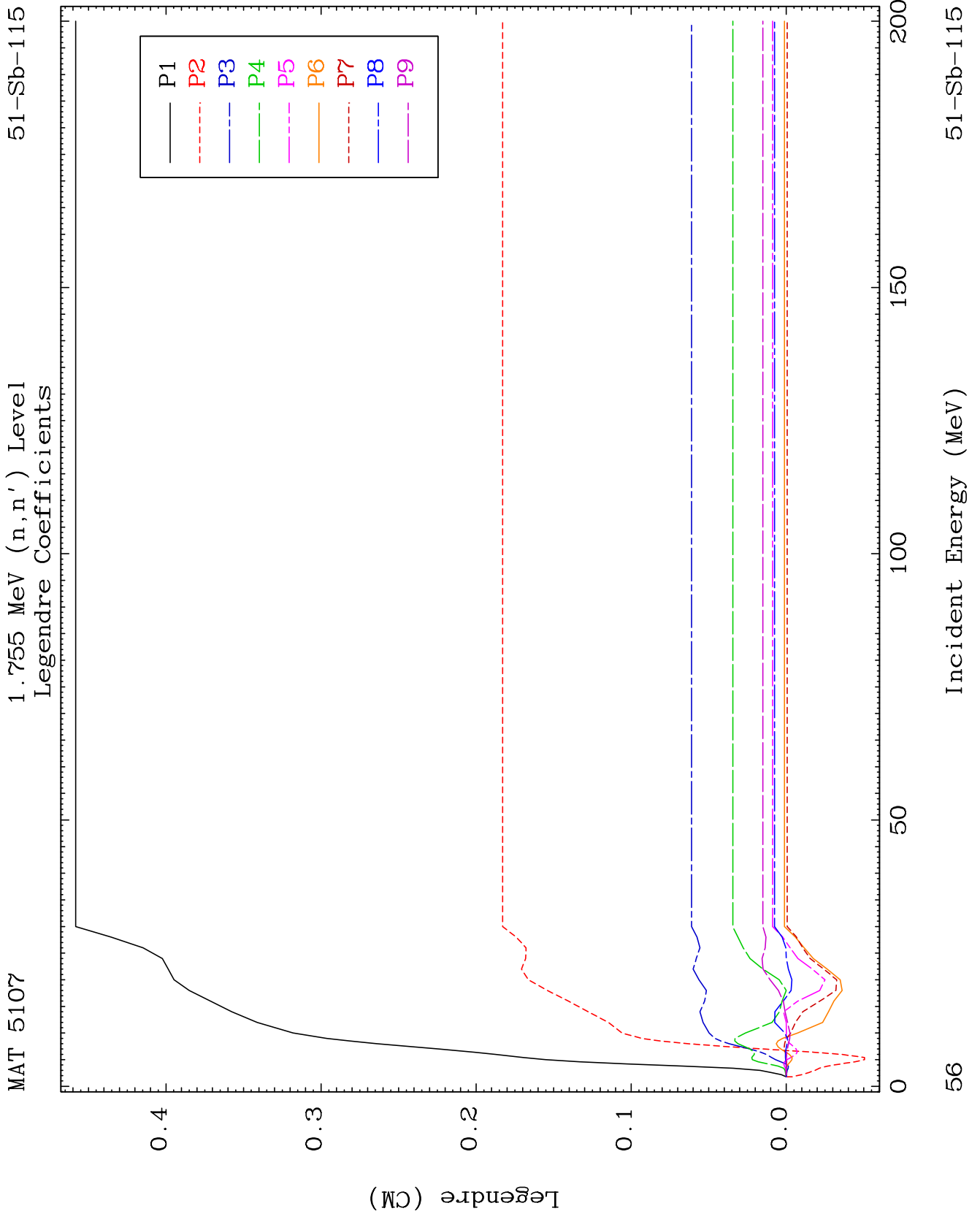
51-Sb-115



54

Incident Energy (MeV)

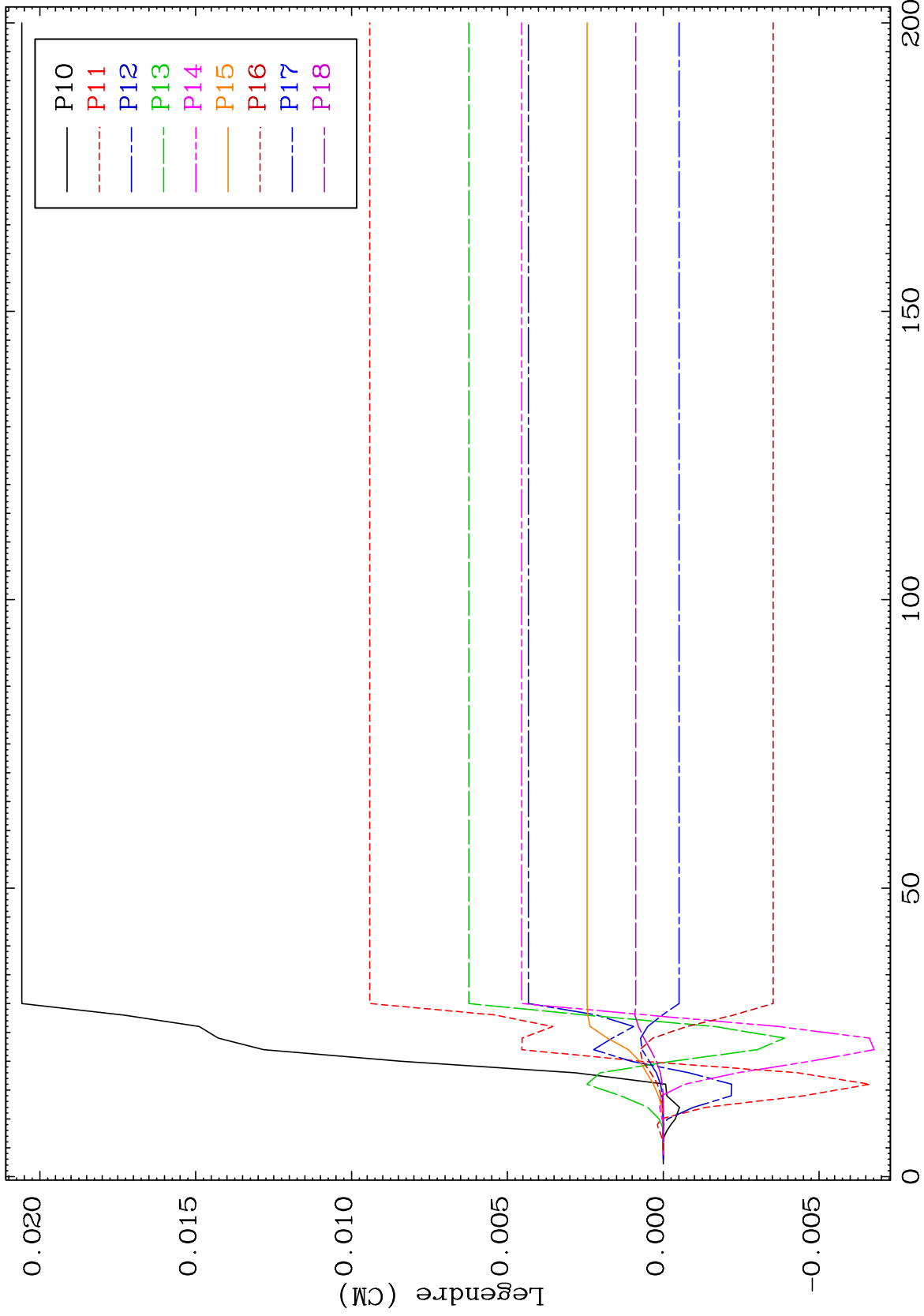
51-Sb-115



MAT 5107

1.755 MeV (n,n') Level
Legendre Coefficients

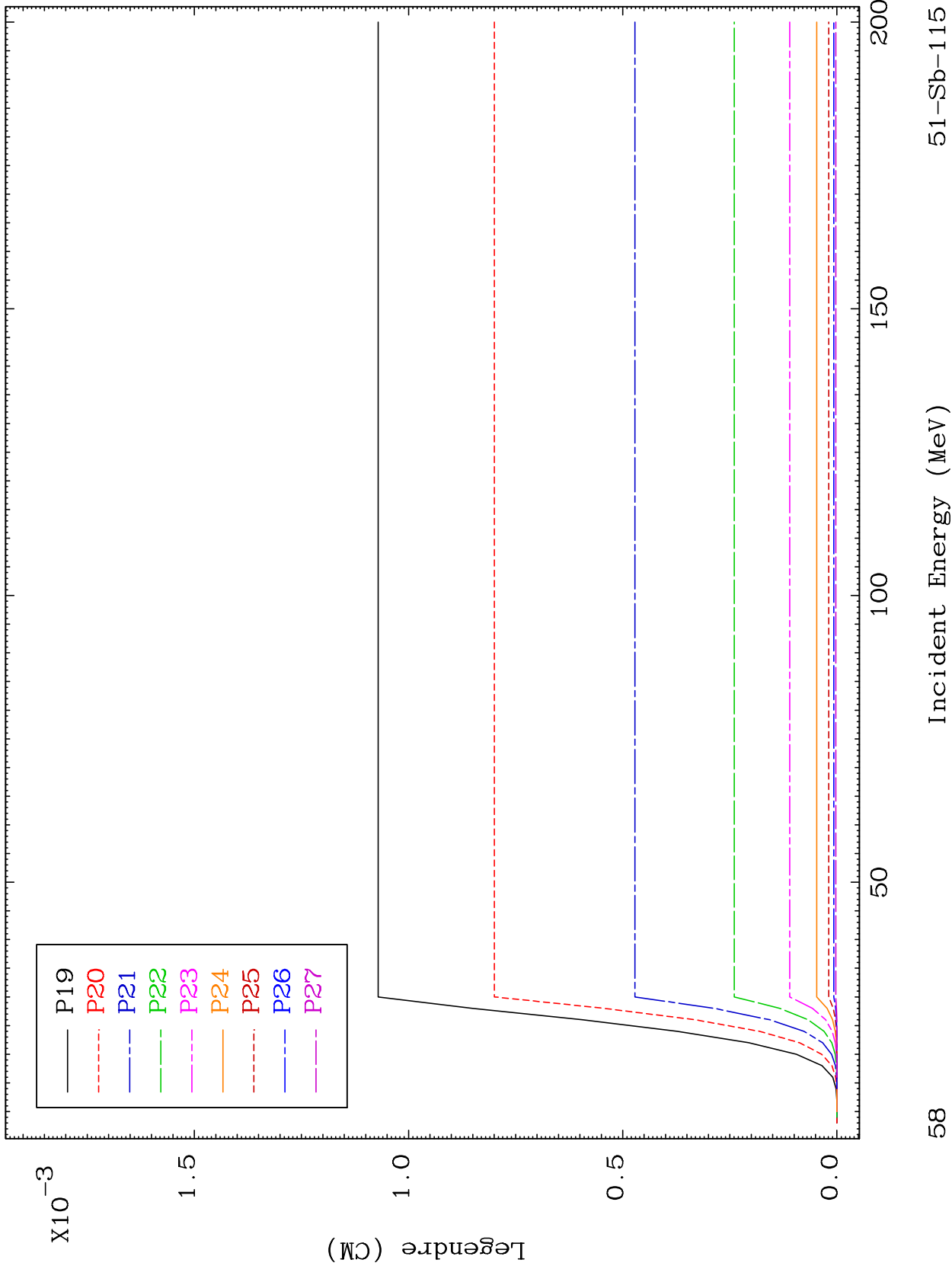
51-Sb-115



57

Incident Energy (MeV)

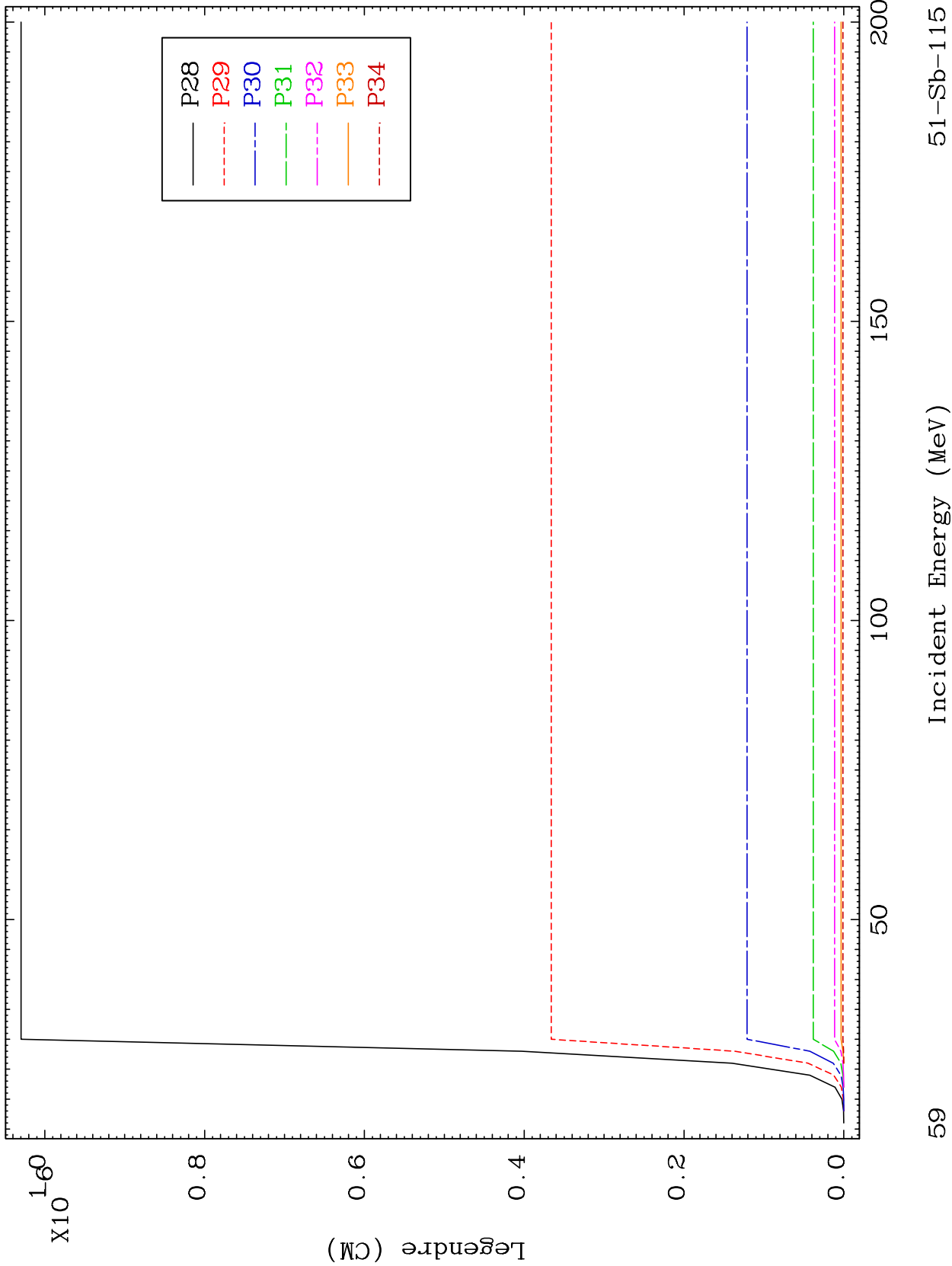
51-Sb-115



MAT 5107

1.755 MeV (n,n') Level
Legendre Coefficients

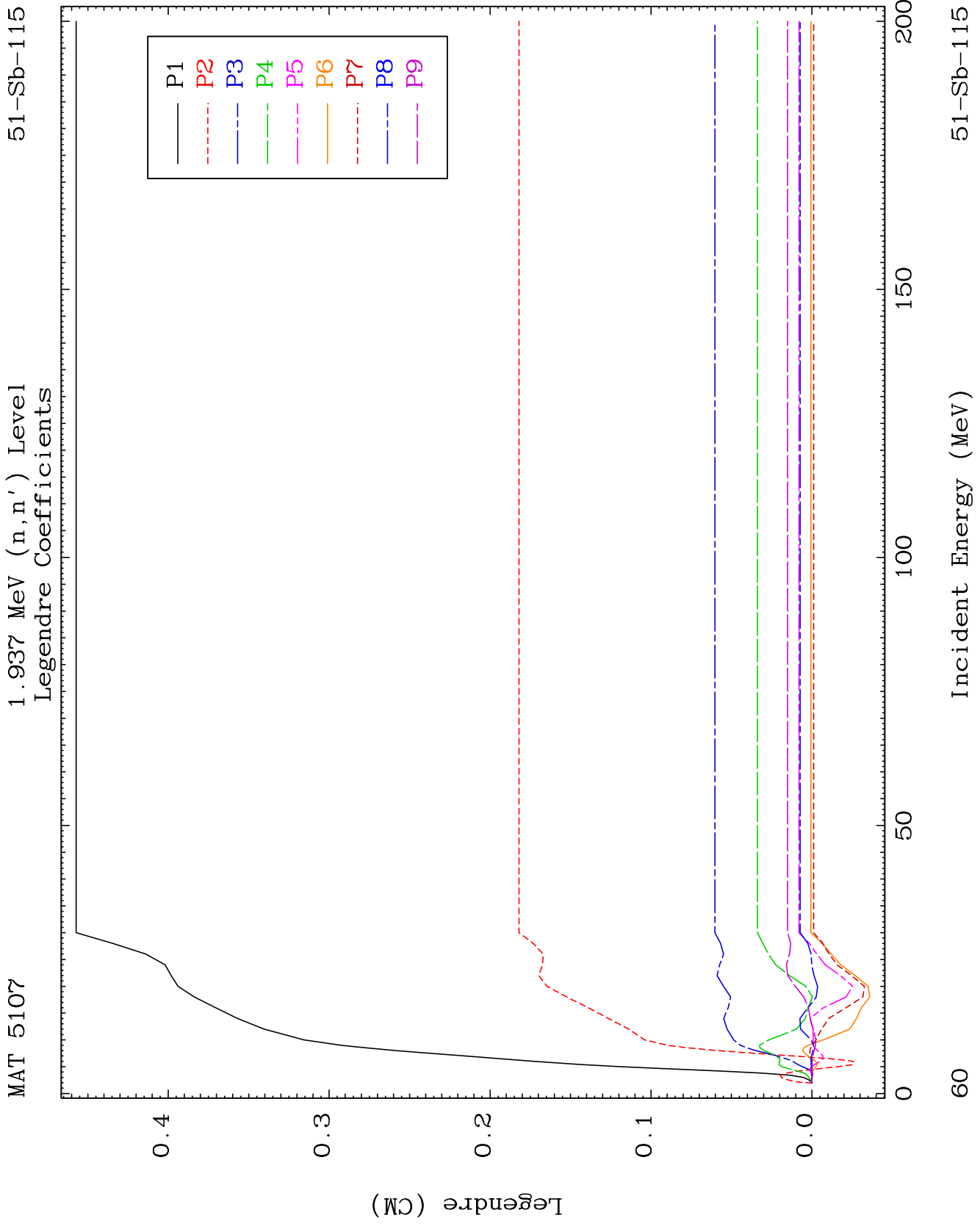
51-Sb-115



59

Incident Energy (MeV)

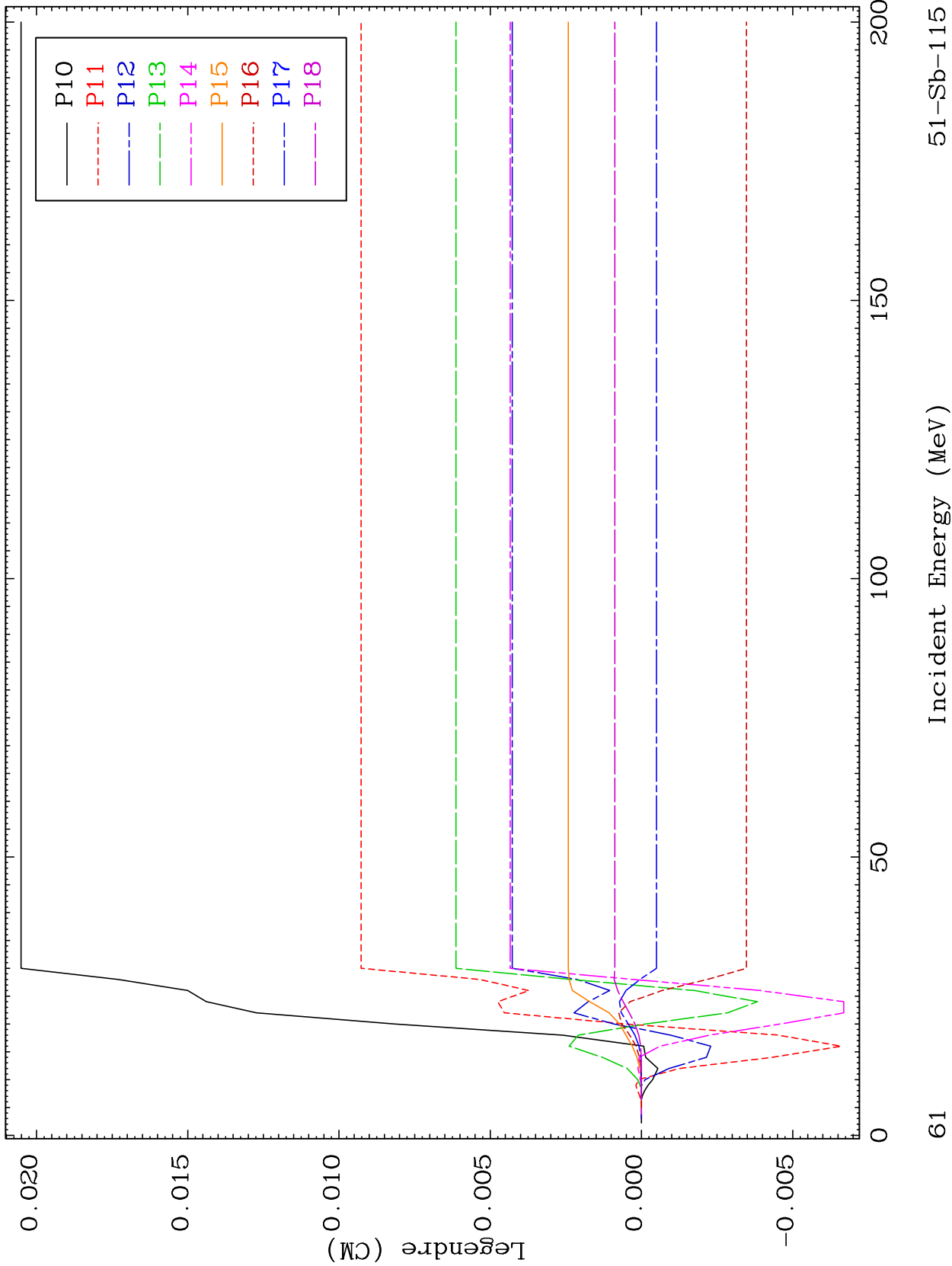
51-Sb-115



MAT 5107

1.937 MeV (n,n') Level
Legendre Coefficients

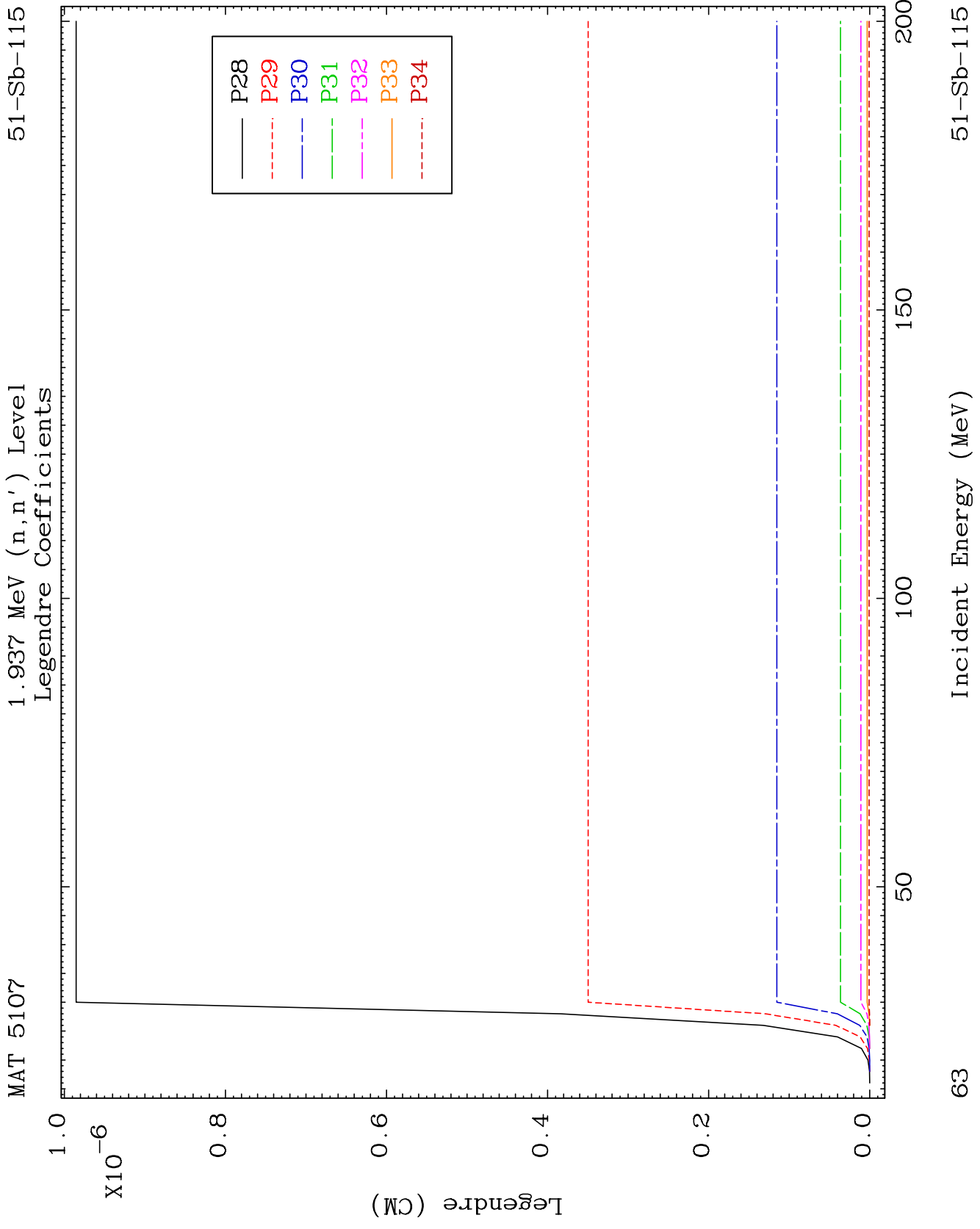
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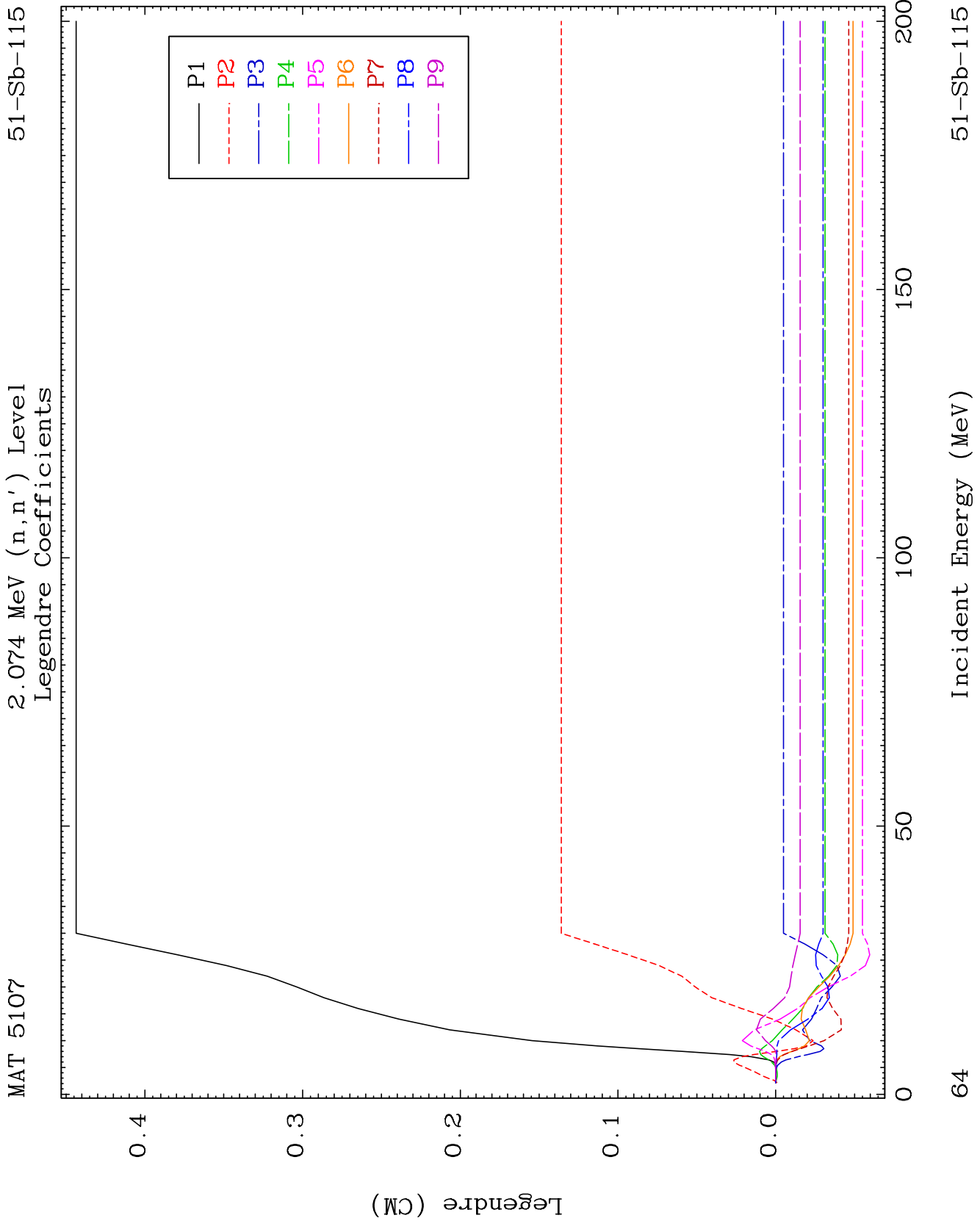


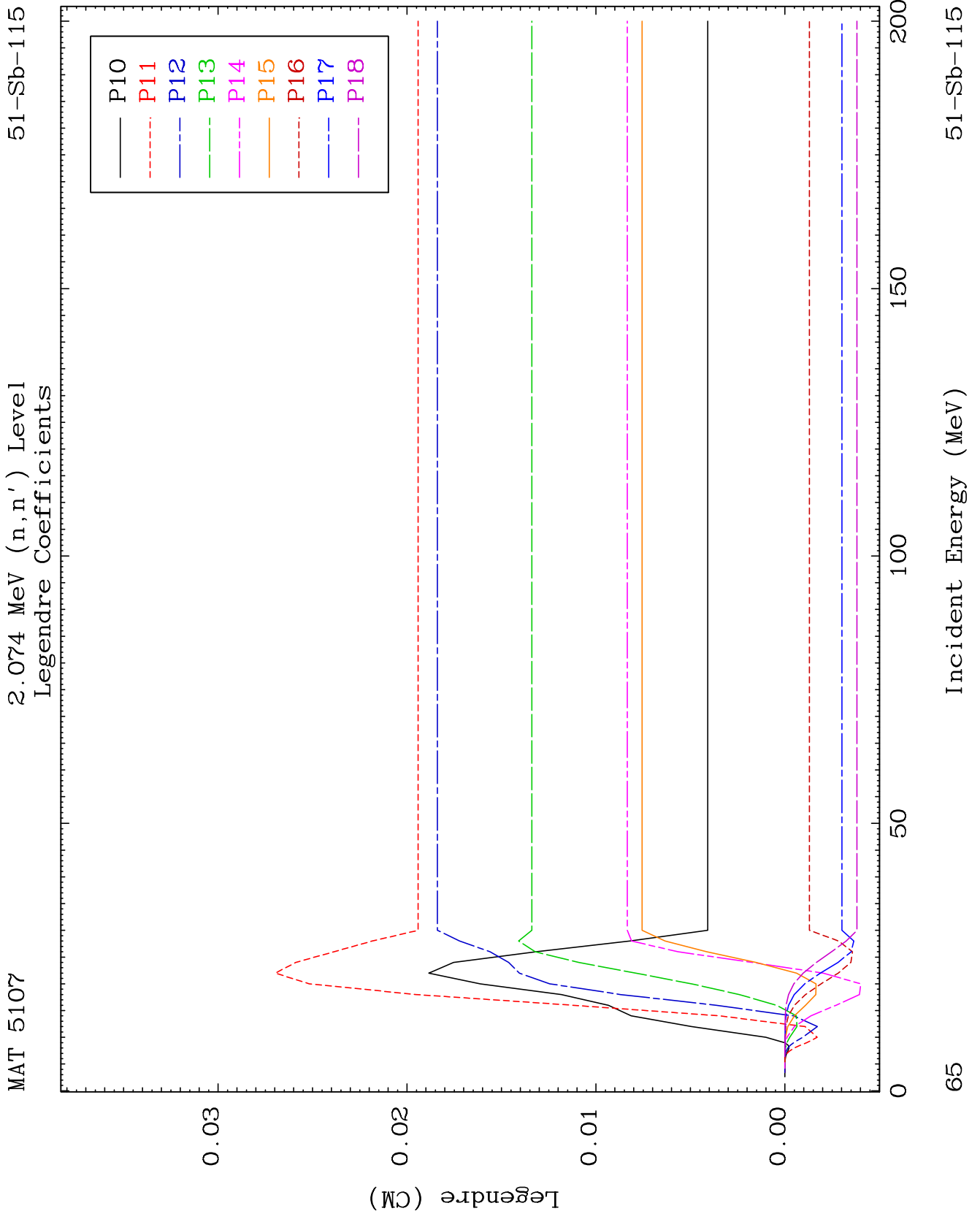
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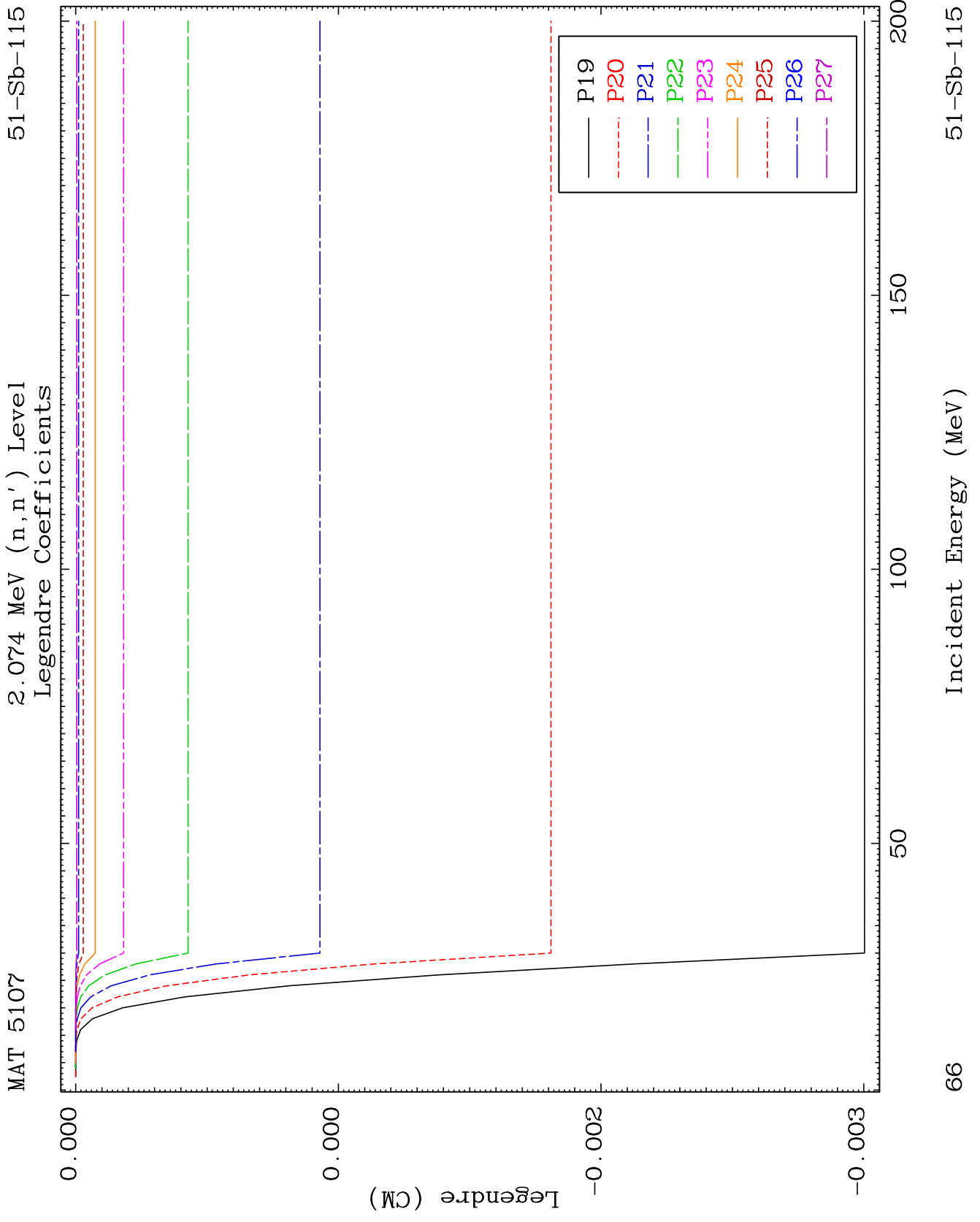
Incident Energy (MeV)

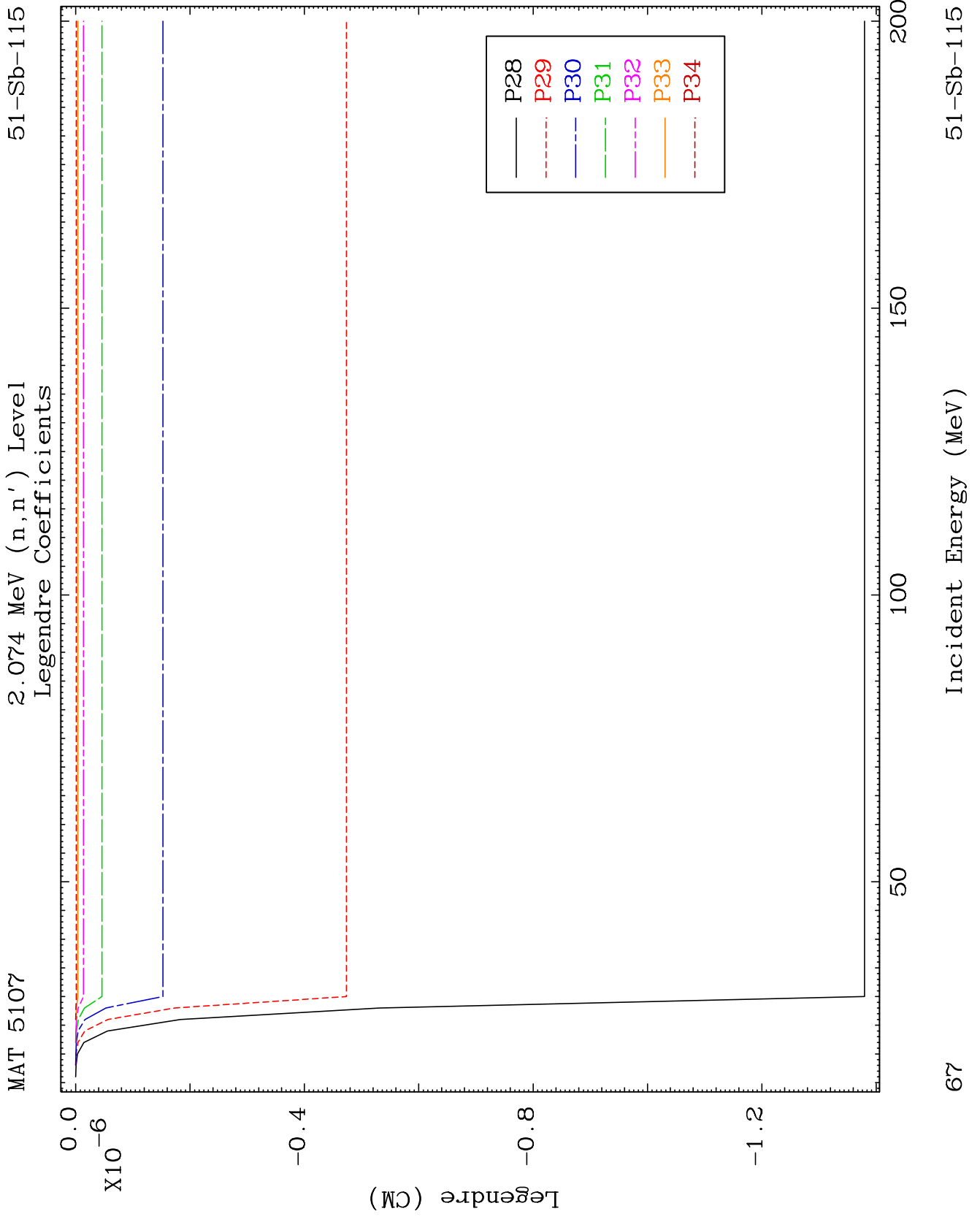
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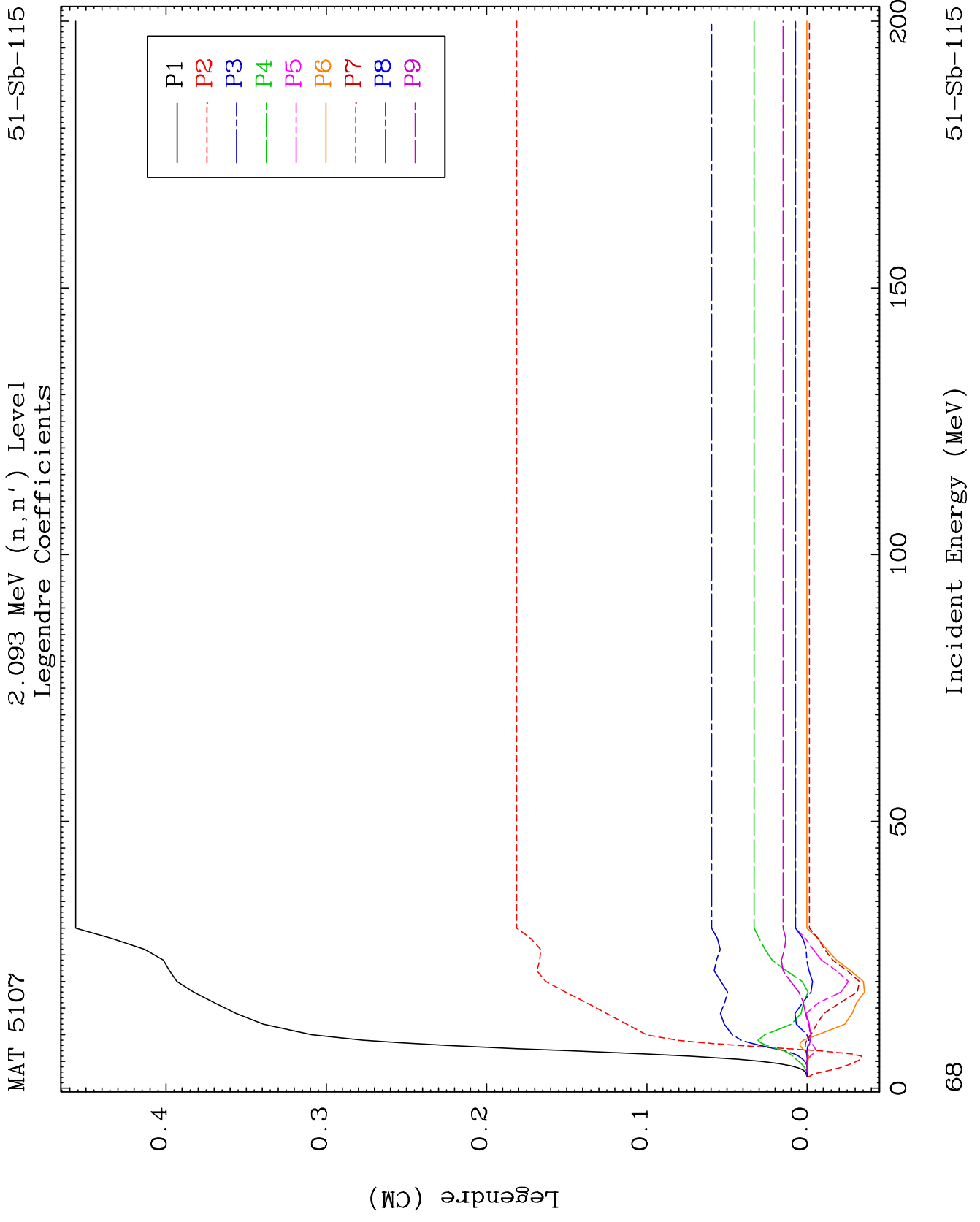


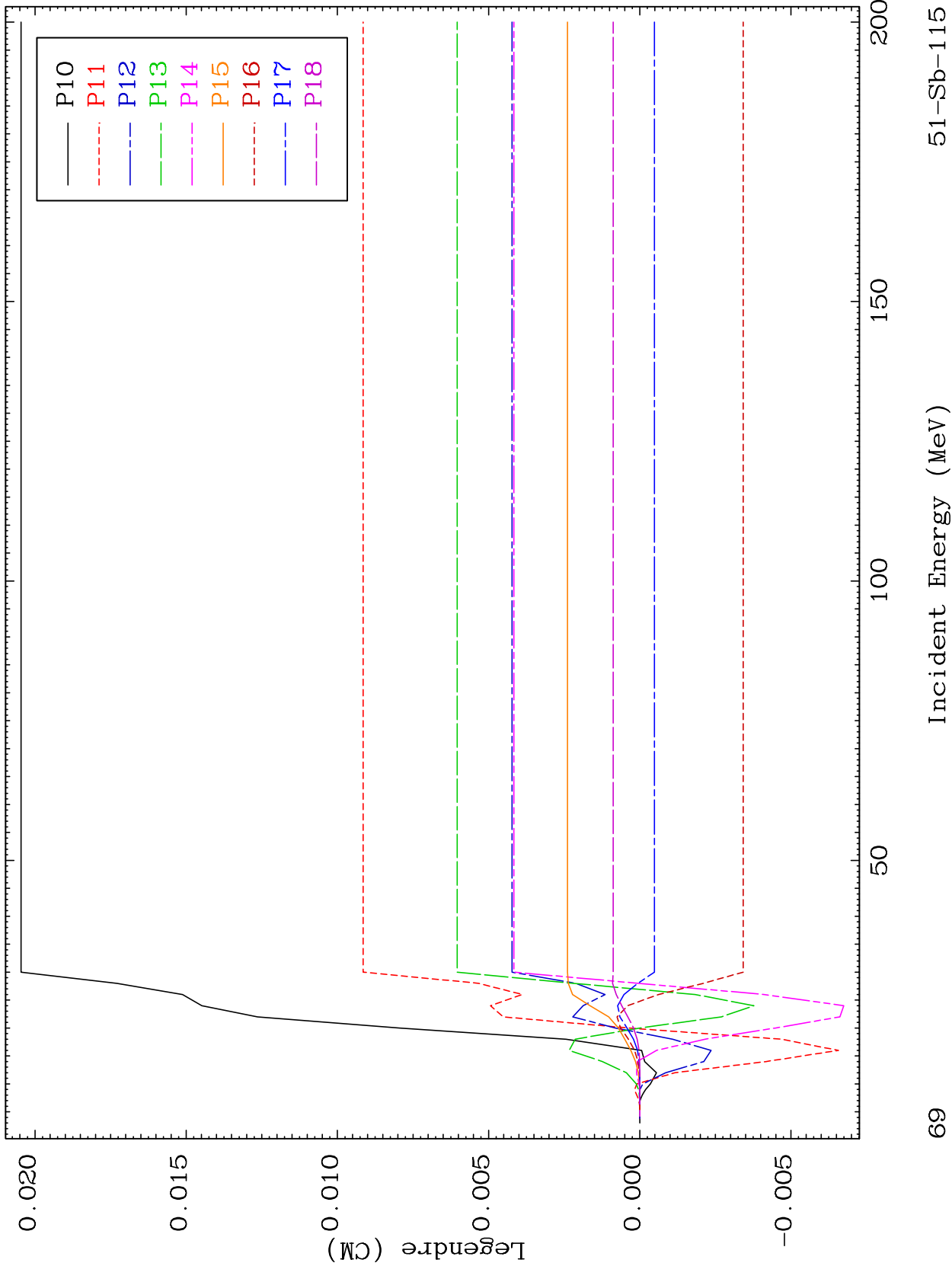








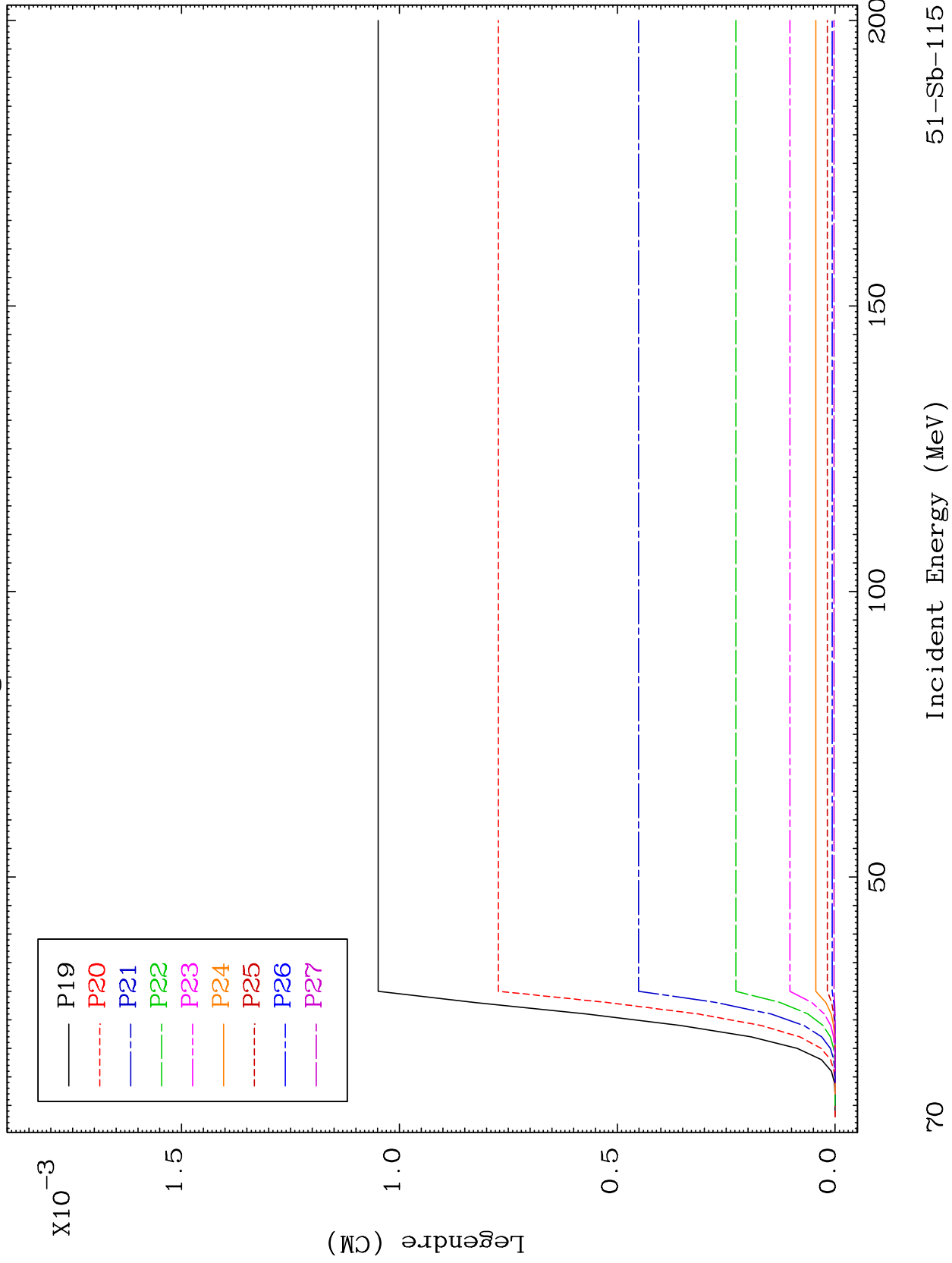




MAT 5107

2.093 MeV (n,n') Level
Legendre Coefficients

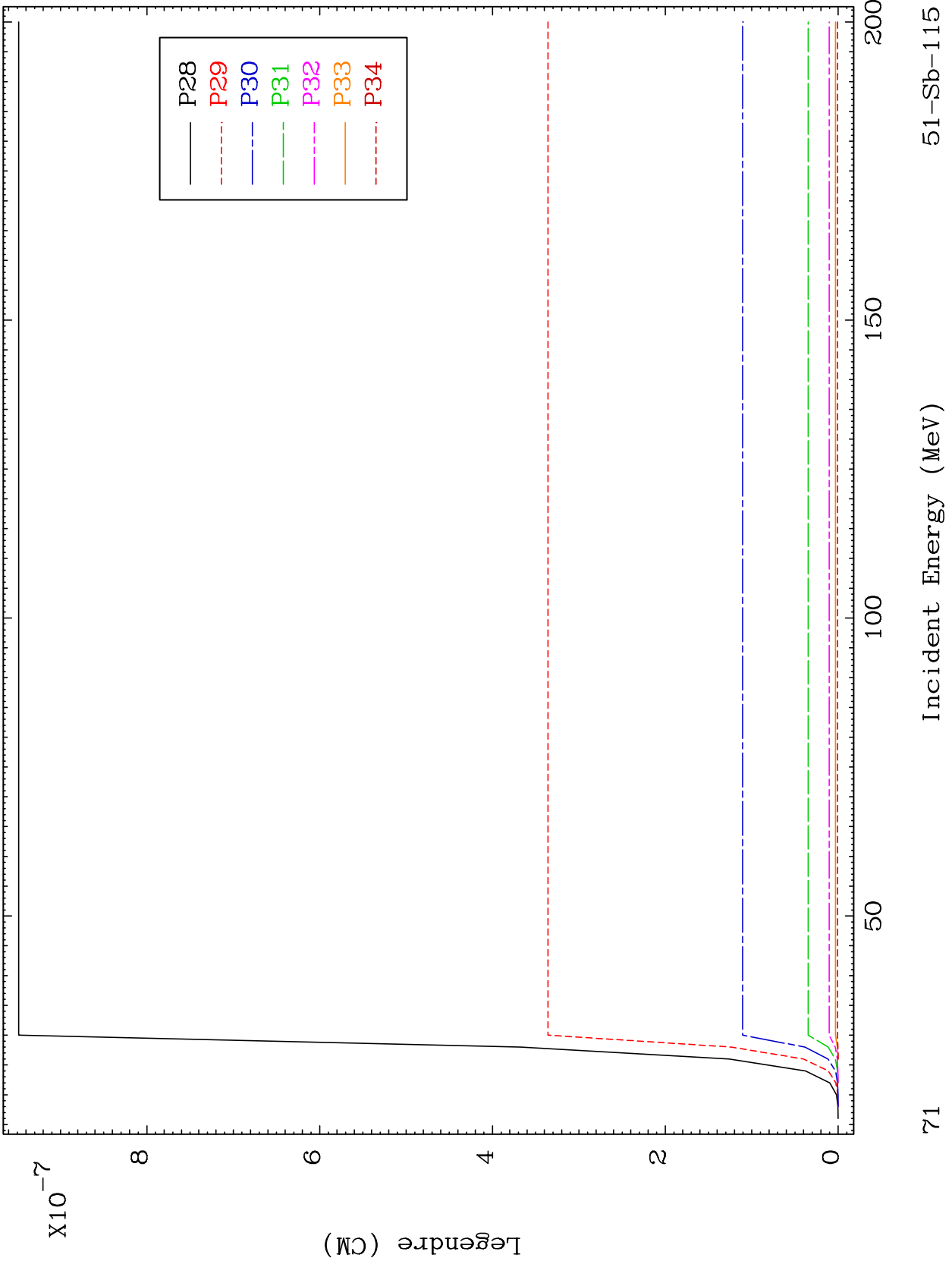
51-Sb-115

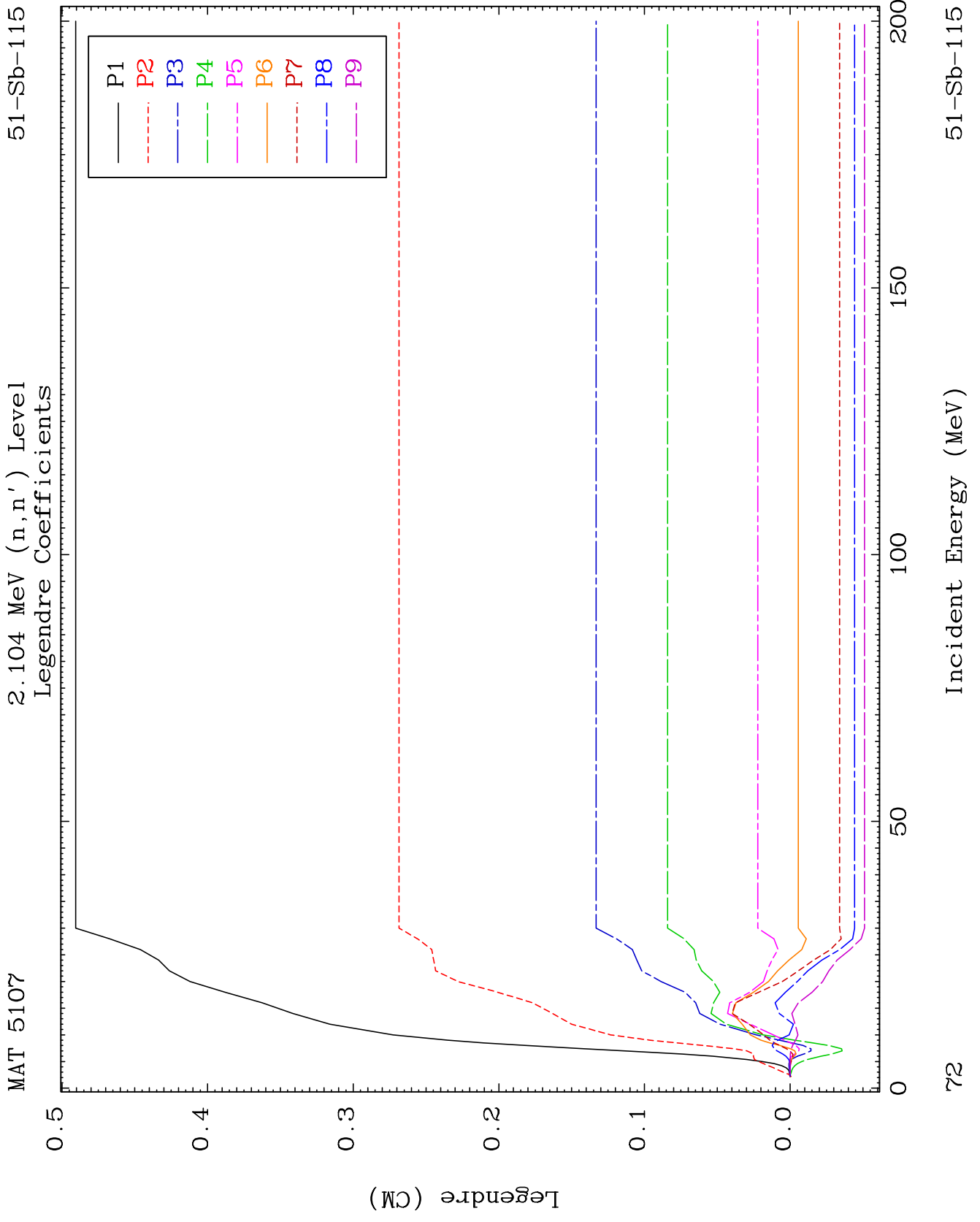


MAT 5107

2.093 MeV (n,n') Level Legendre Coefficients

51-Sb-115

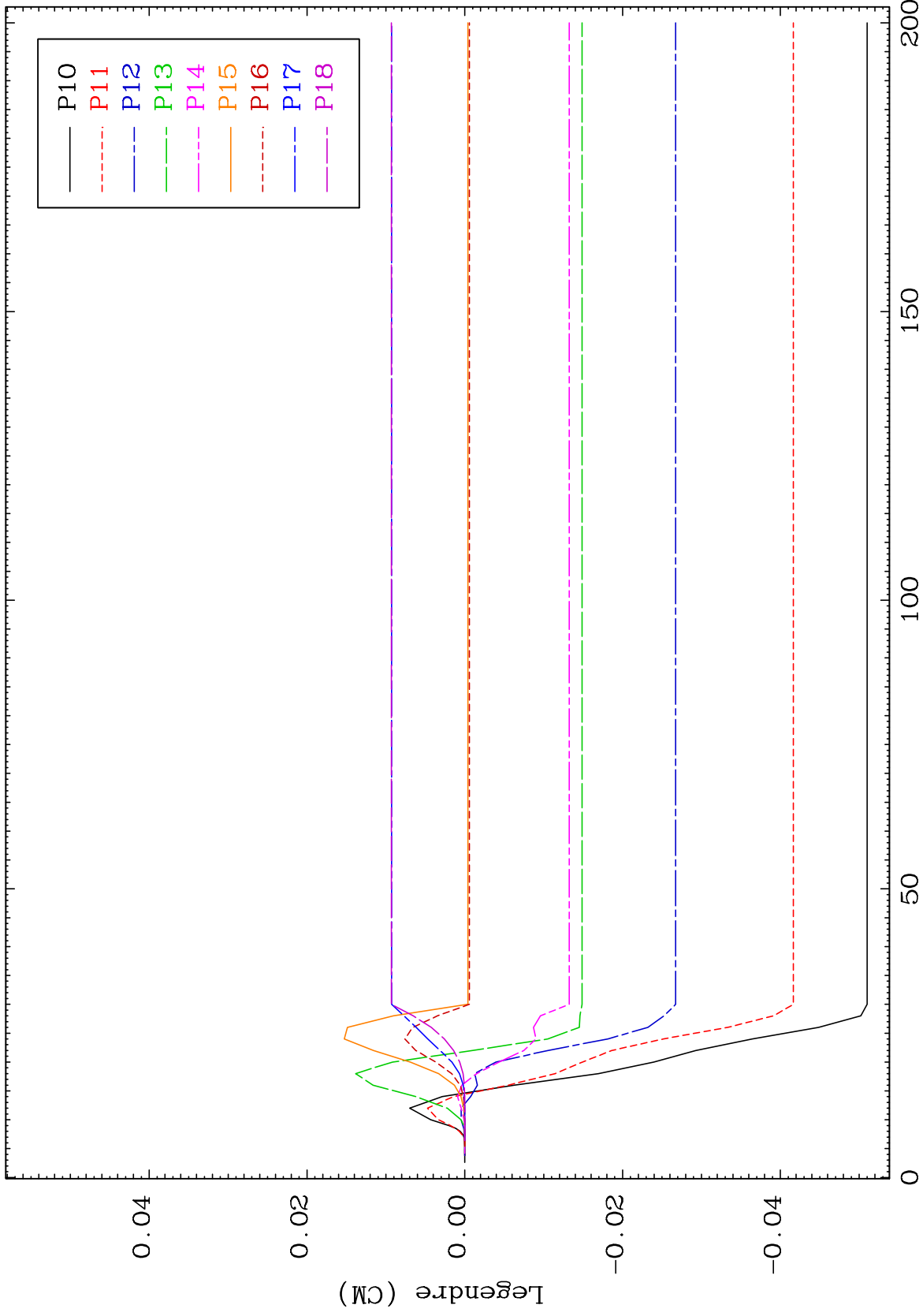




MAT 5107

2.104 MeV (n,n') Level
Legendre Coefficients

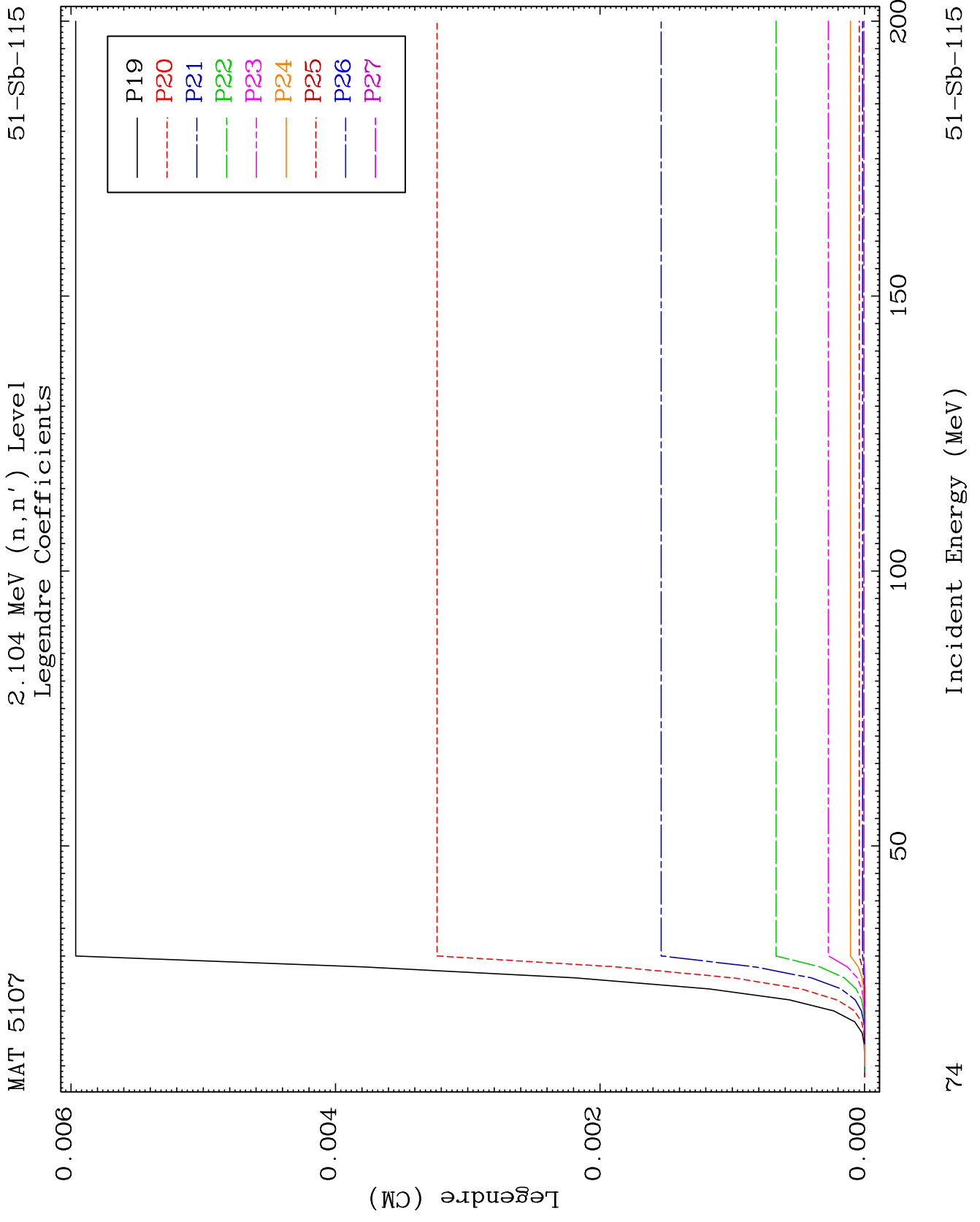
51-Sb-115

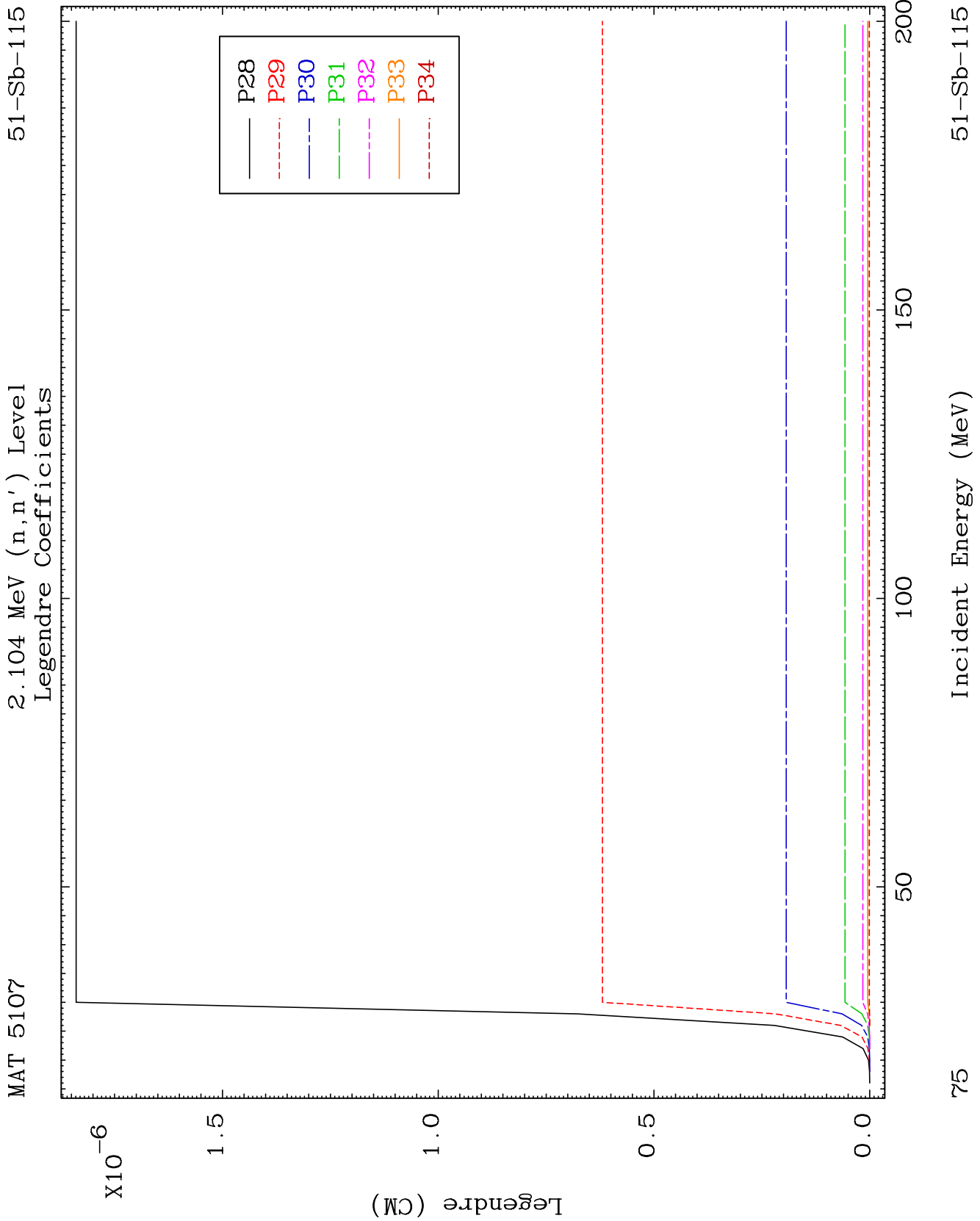


73

Incident Energy (MeV)

51-Sb-115

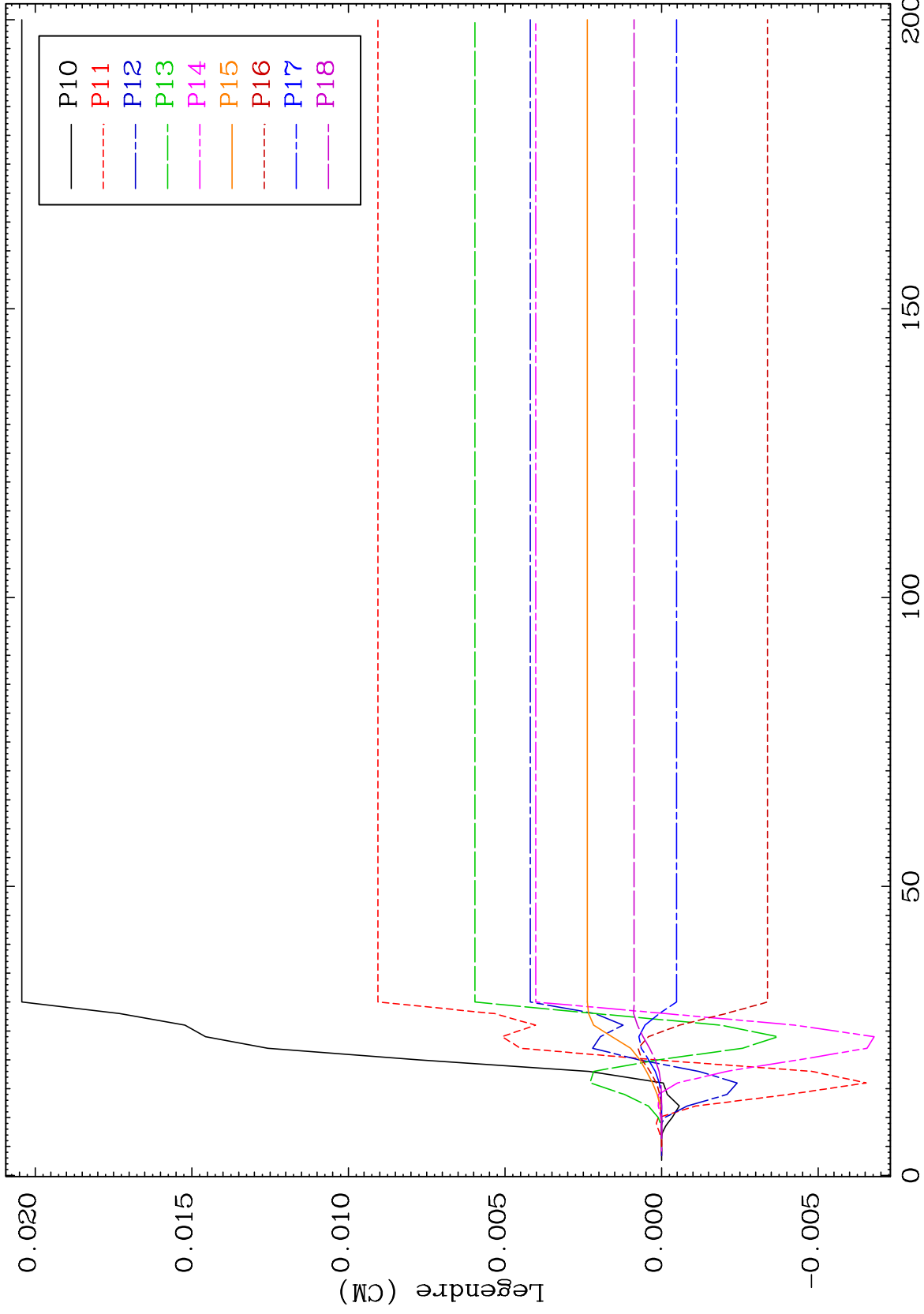




MAT 5107

2.215 MeV (n,n') Level
Legendre Coefficients

51-Sb-115



77

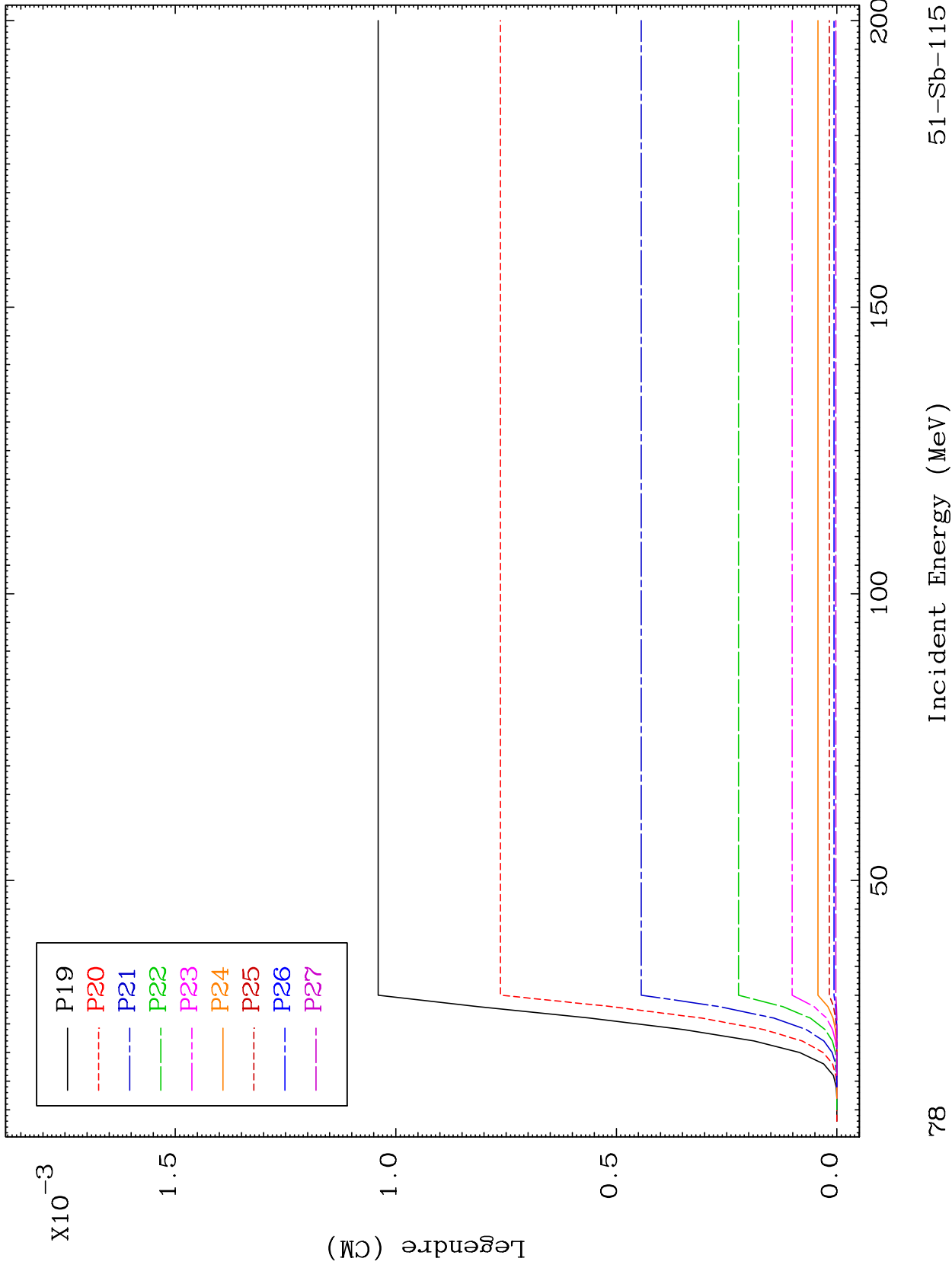
Incident Energy (MeV)

51-Sb-115

MAT 5107

2.215 MeV (n,n') Level
Legendre Coefficients

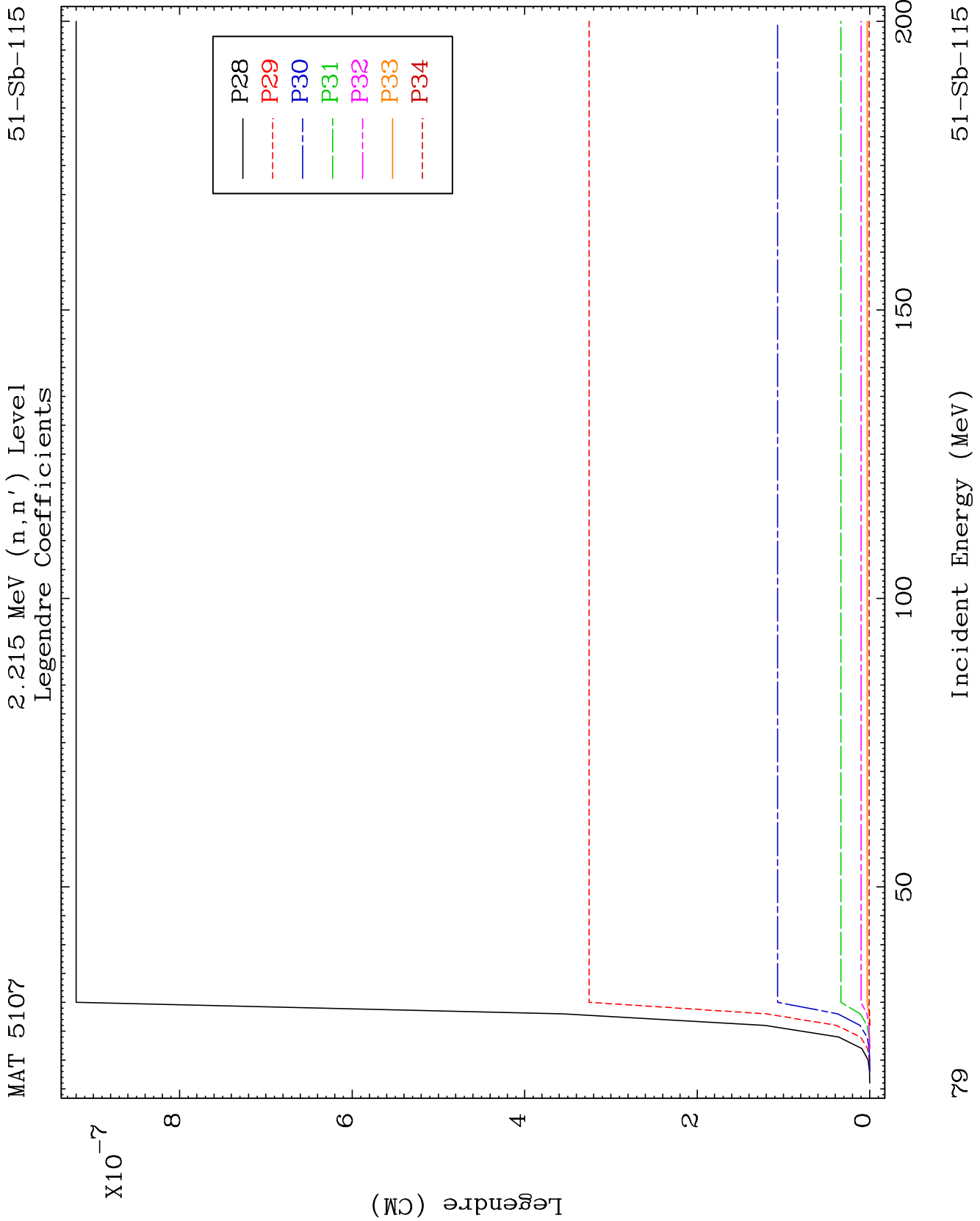
51-Sb-115



78

Incident Energy (MeV)

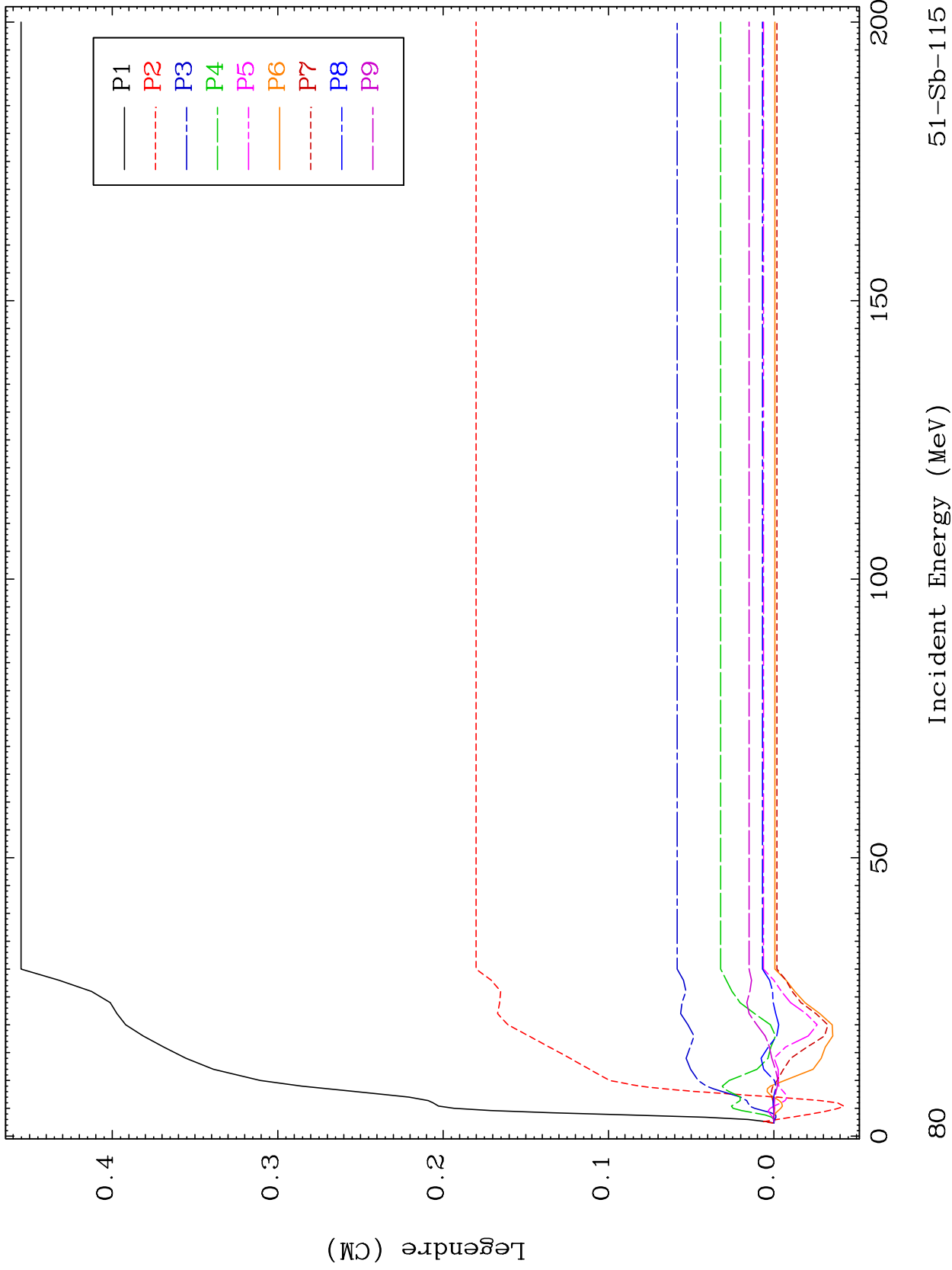
51-Sb-115



MAT 5107

2.316 MeV (n,n') Level
Legendre Coefficients

51-Sb-115



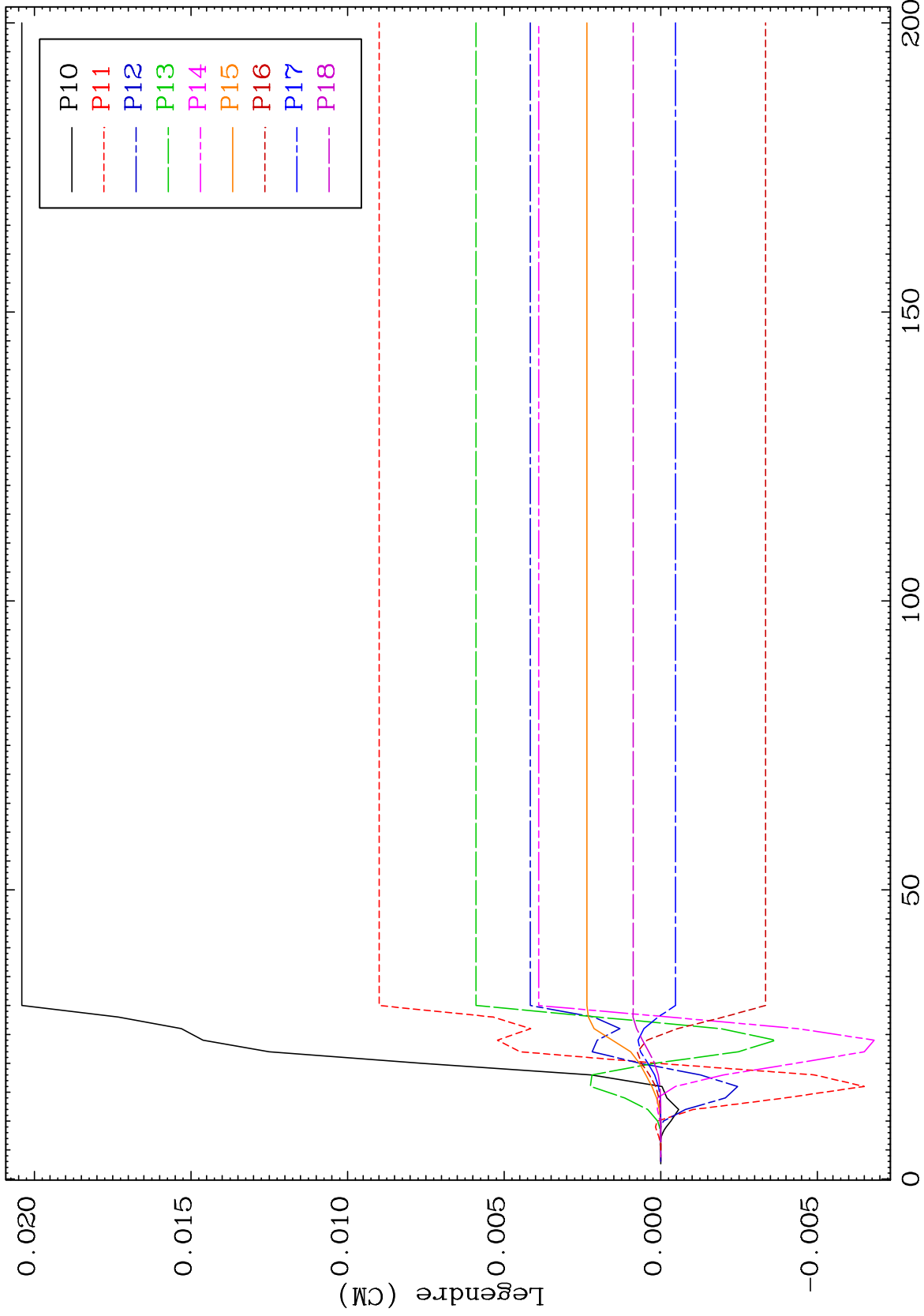
51-Sb-115

Incident Energy (MeV)

MAT 5107

2.316 MeV (n,n') Level
Legendre Coefficients

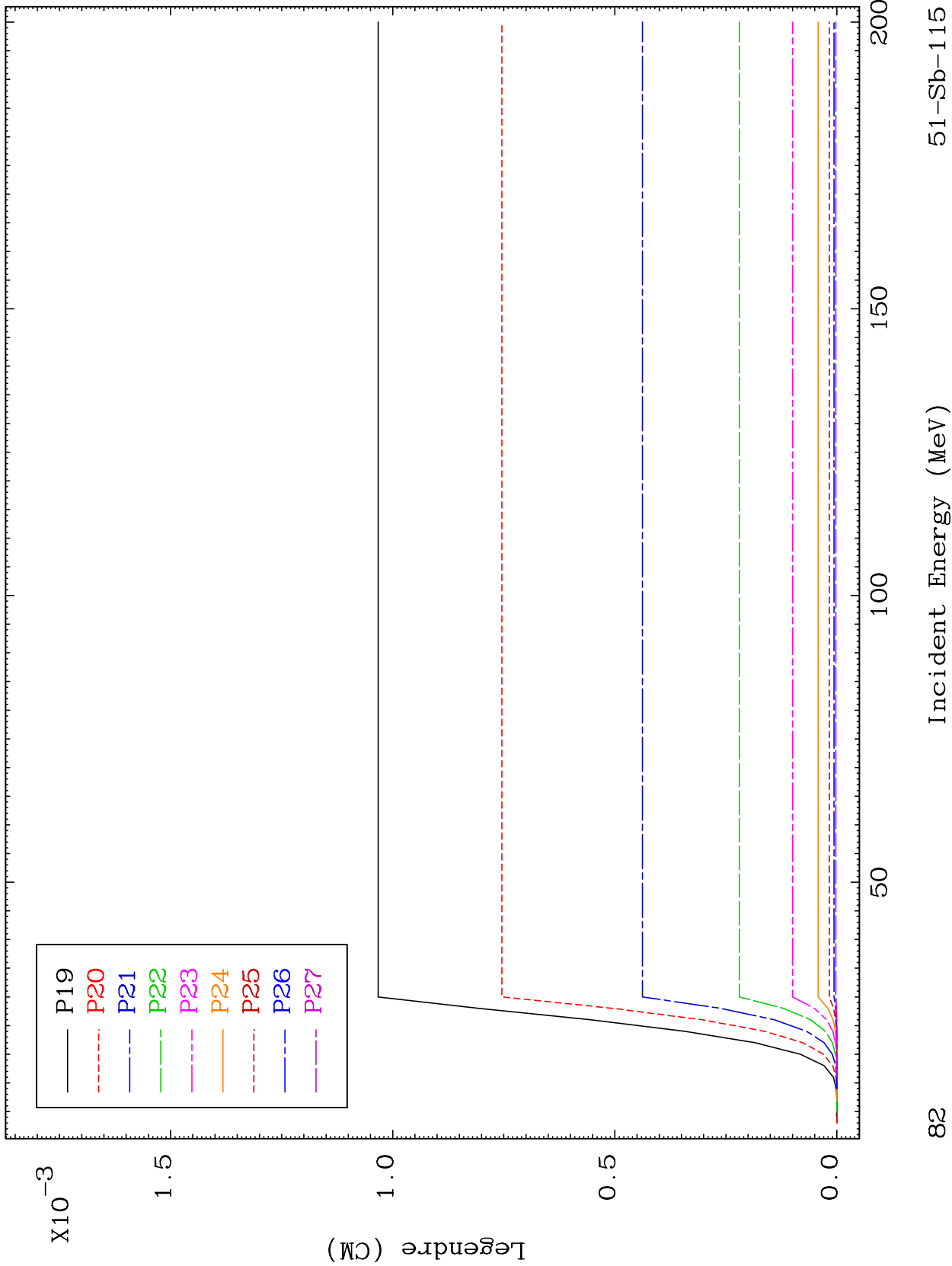
51-Sb-115

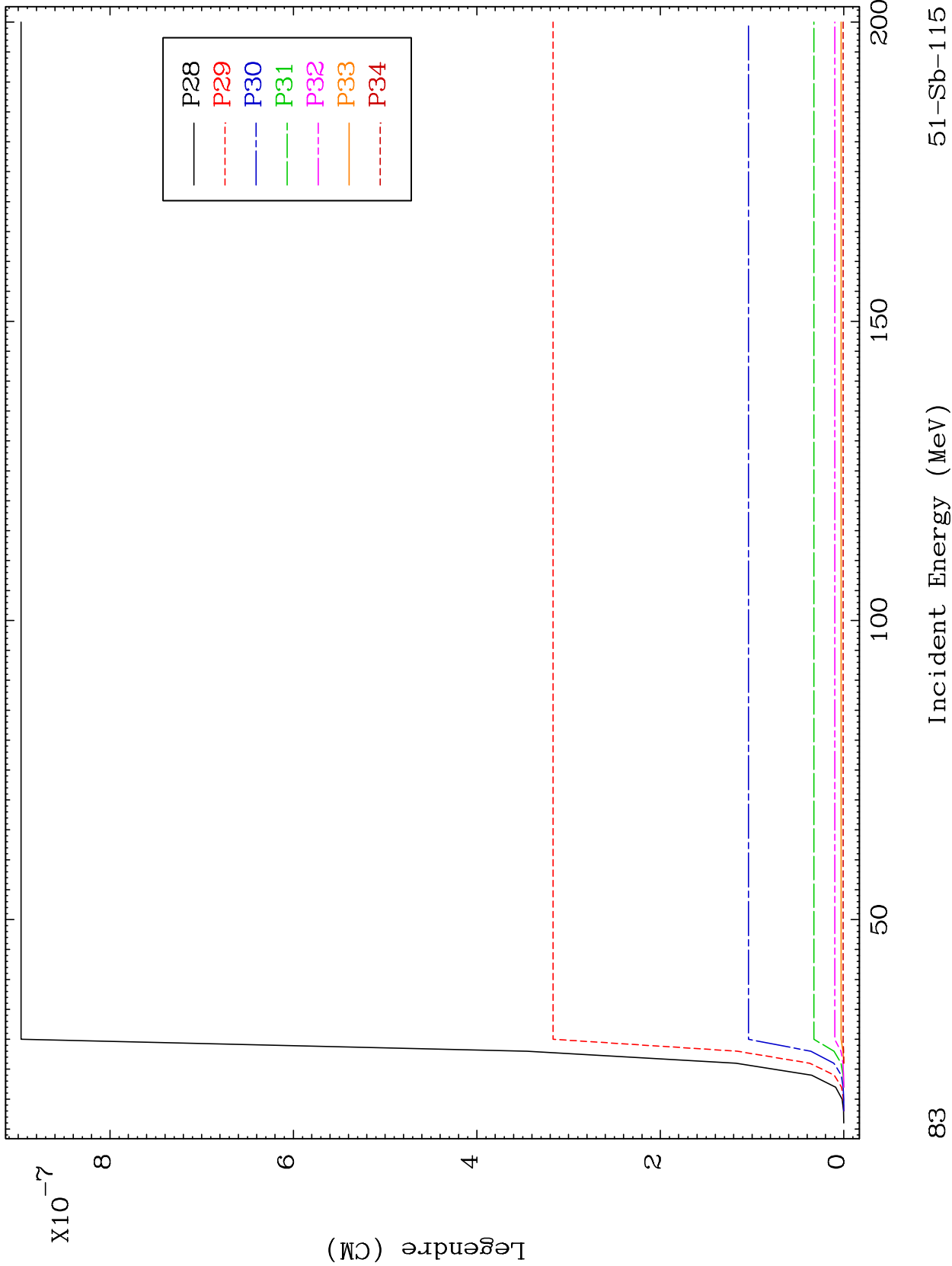


81

Incident Energy (MeV)

51-Sb-115

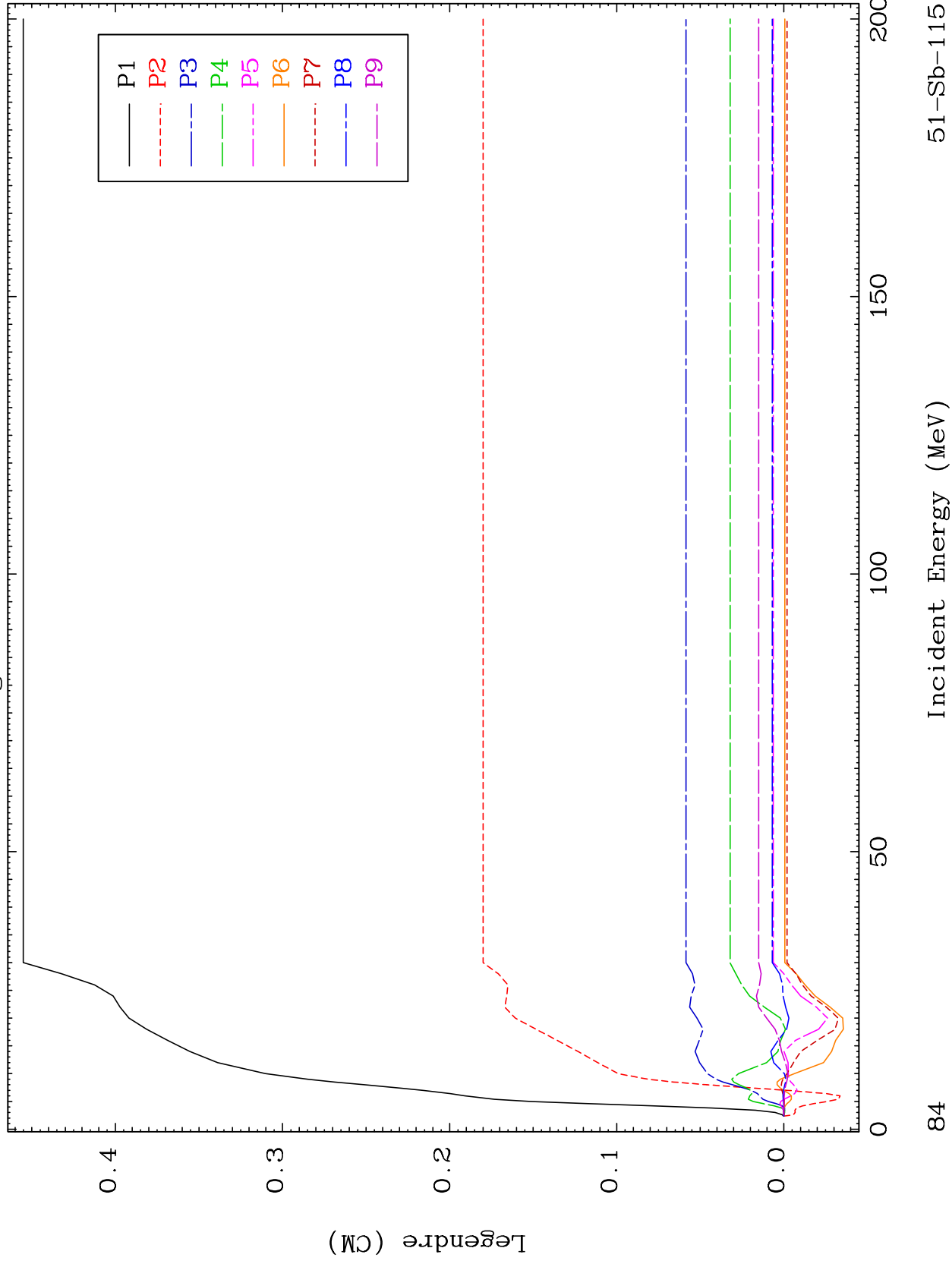




MAT 5107

2.323 MeV (n,n') Level
Legendre Coefficients

51-Sb-115



51-Sb-115

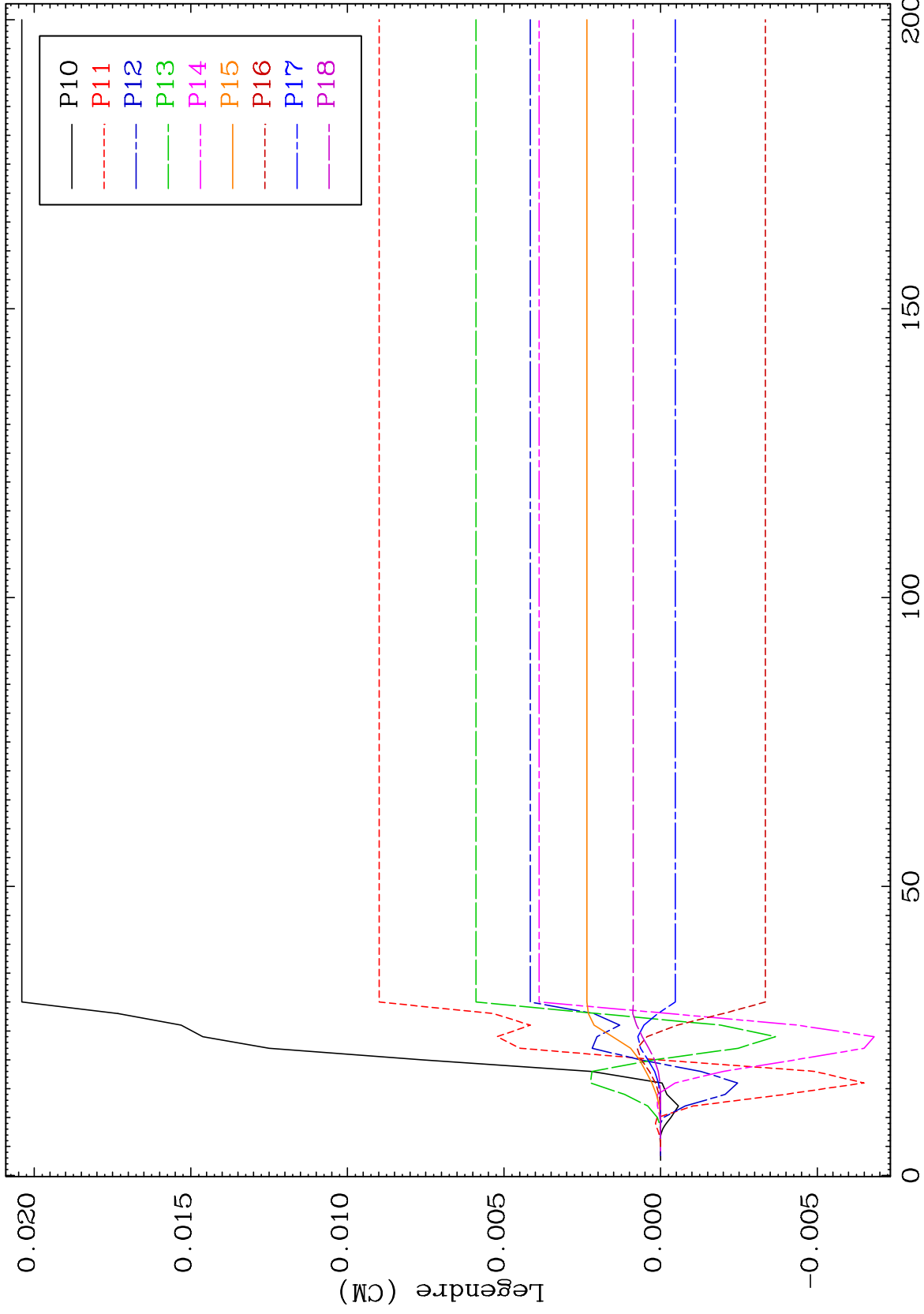
Incident Energy (MeV)

84

MAT 5107

2.323 MeV (n,n') Level
Legendre Coefficients

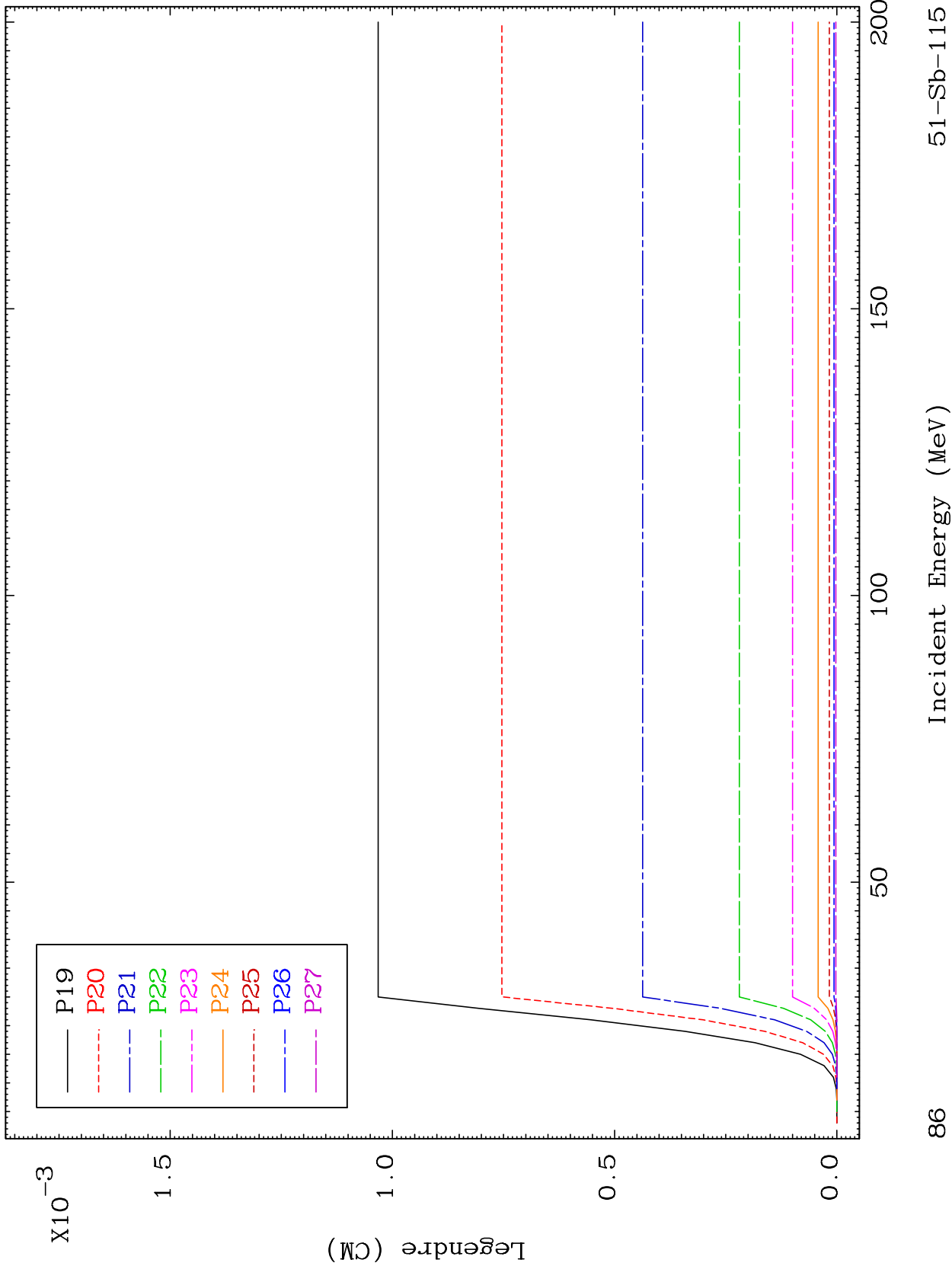
51-Sb-115



85

Incident Energy (MeV)

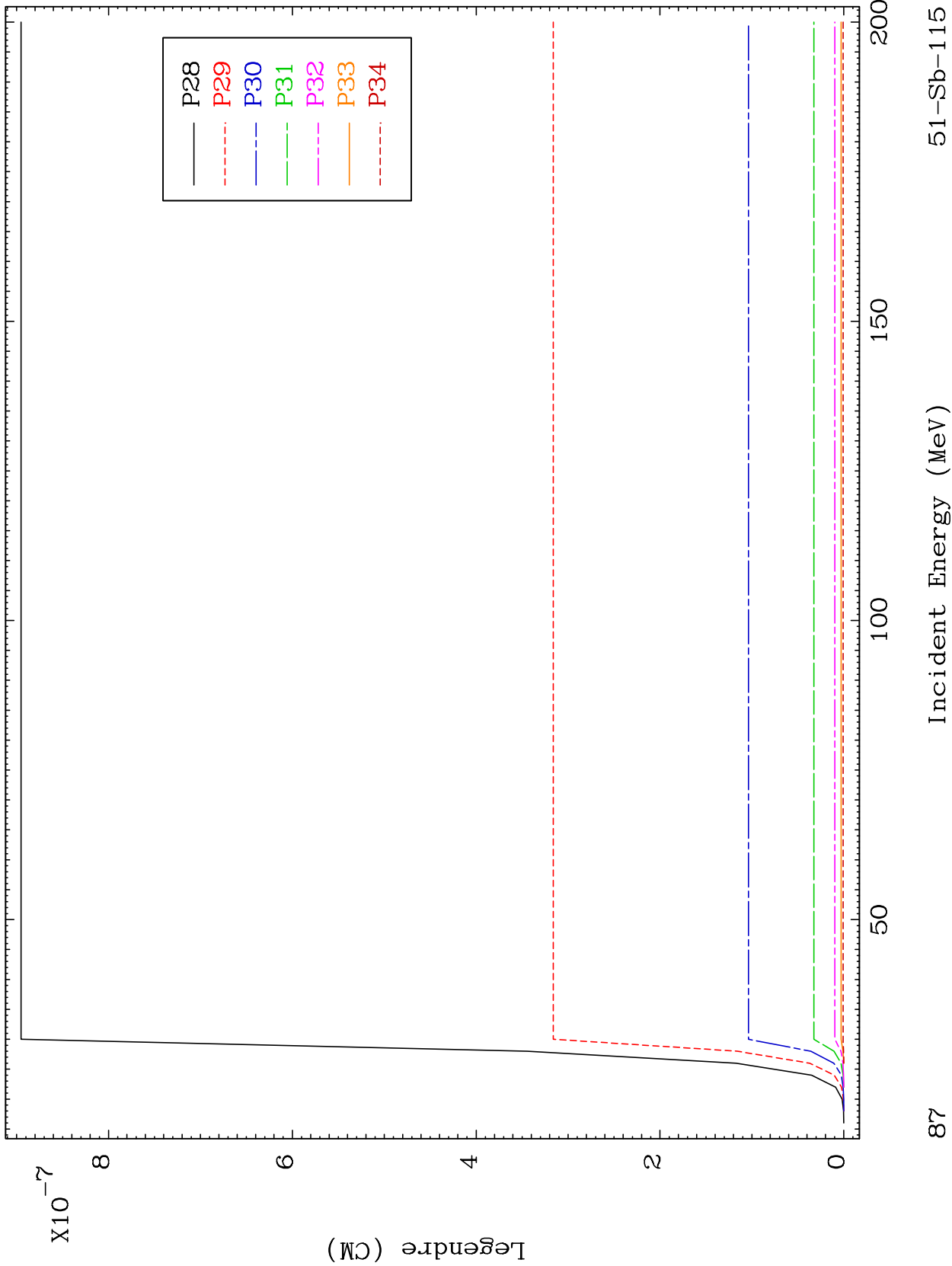
51-Sb-115

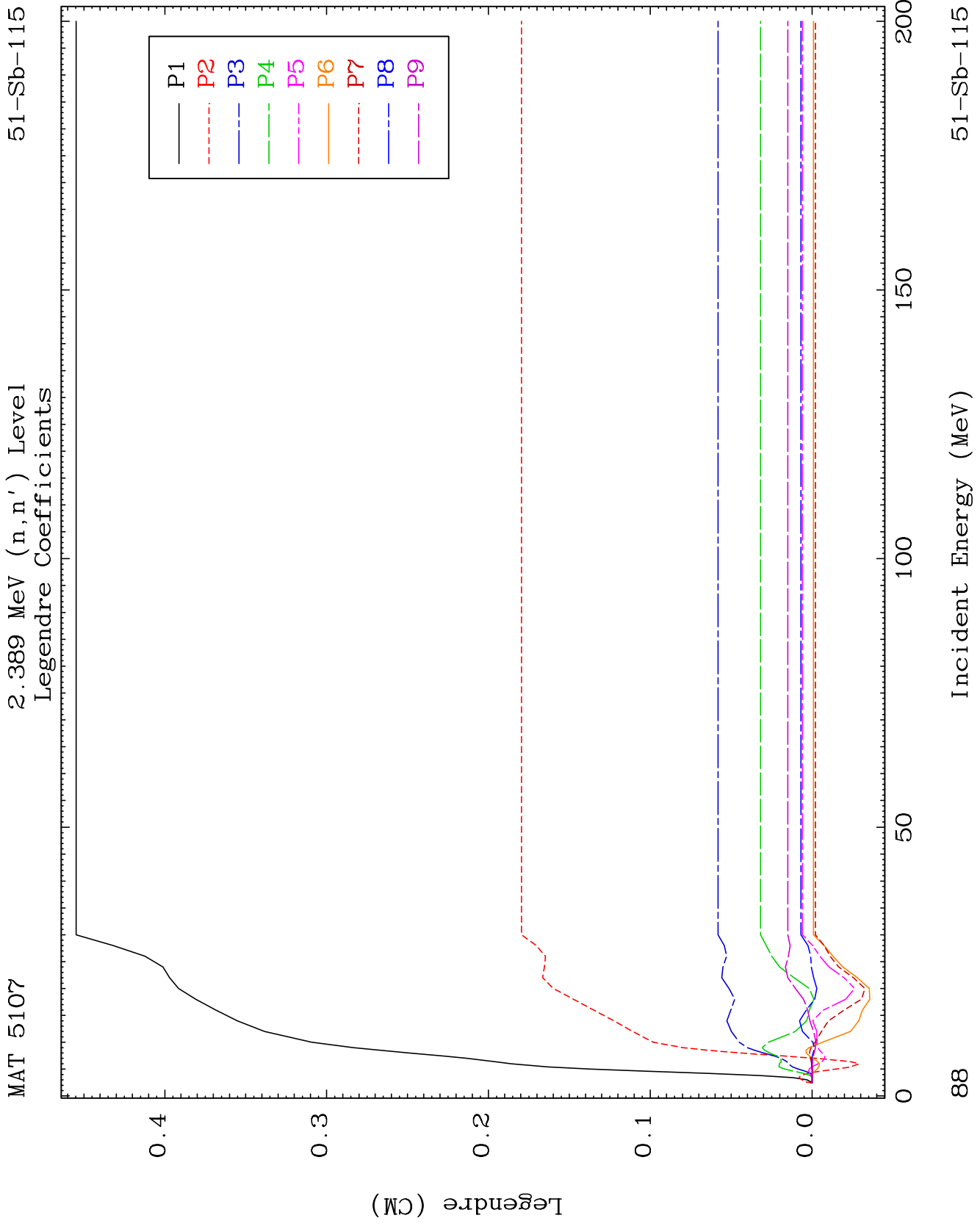


MAT 5107

2.323 MeV (n,n') Level
Legendre Coefficients

51-Sb-115

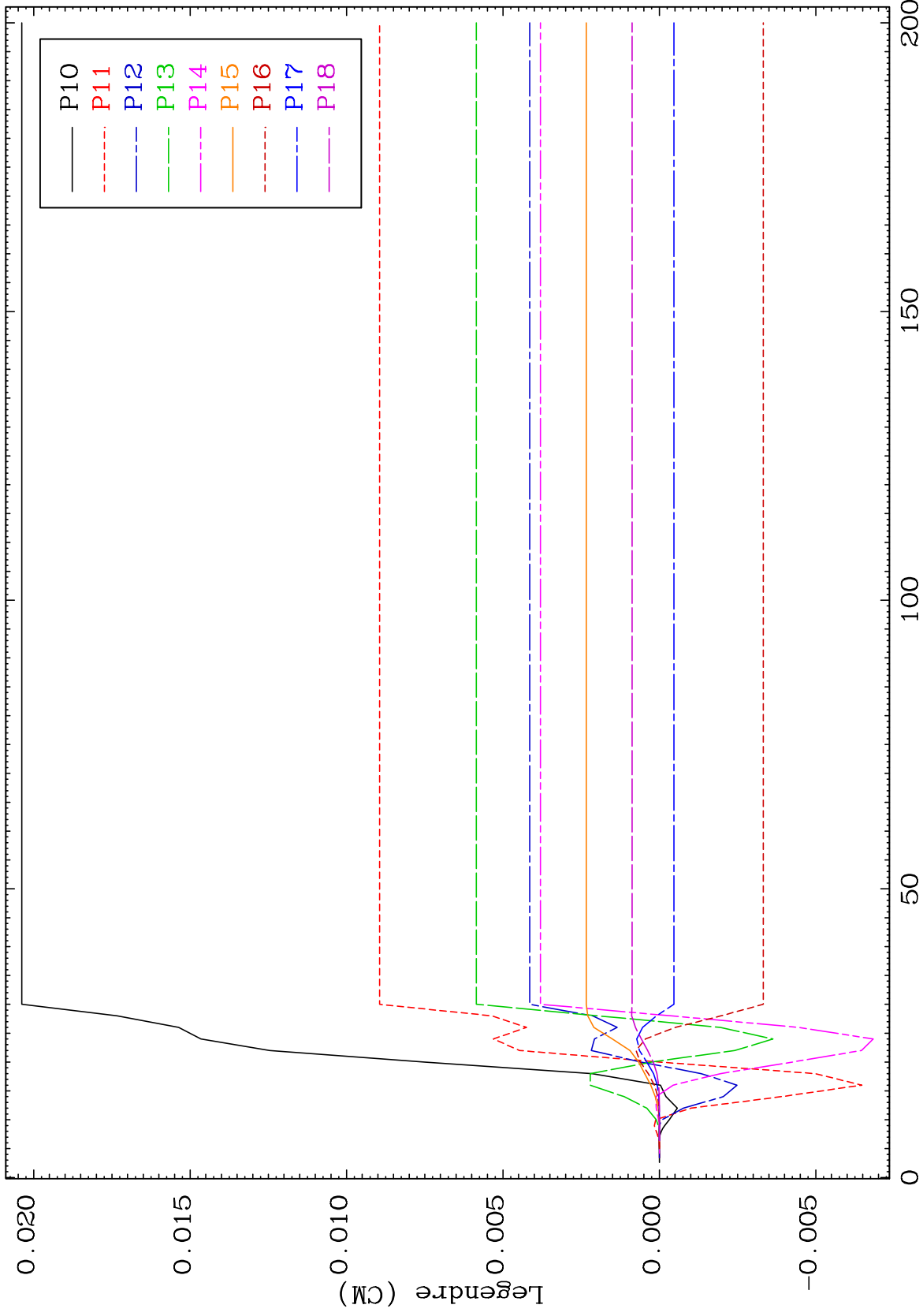




MAT 5107

2.389 MeV (n,n') Level
Legendre Coefficients

51-Sb-115



89

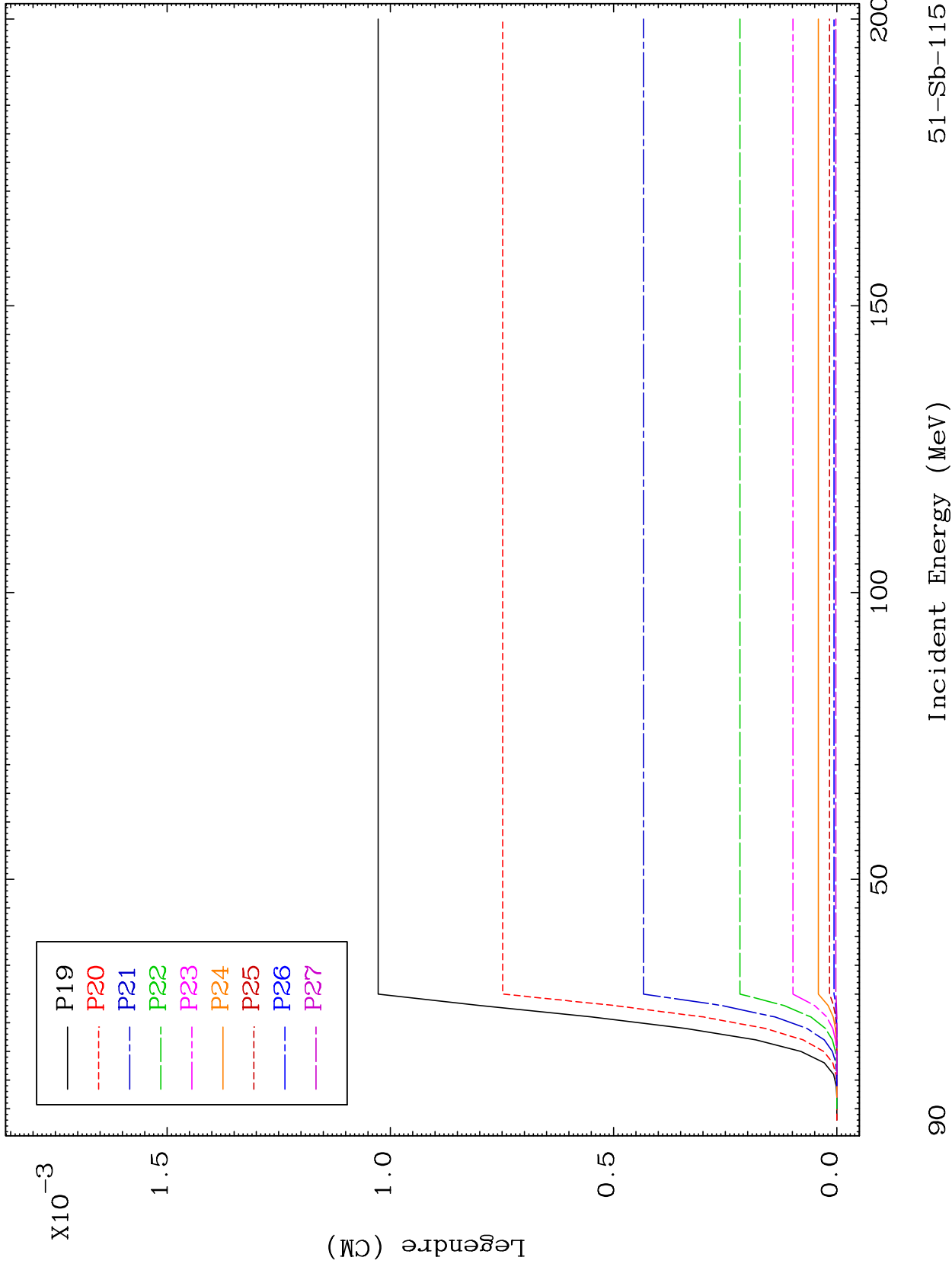
Incident Energy (MeV)

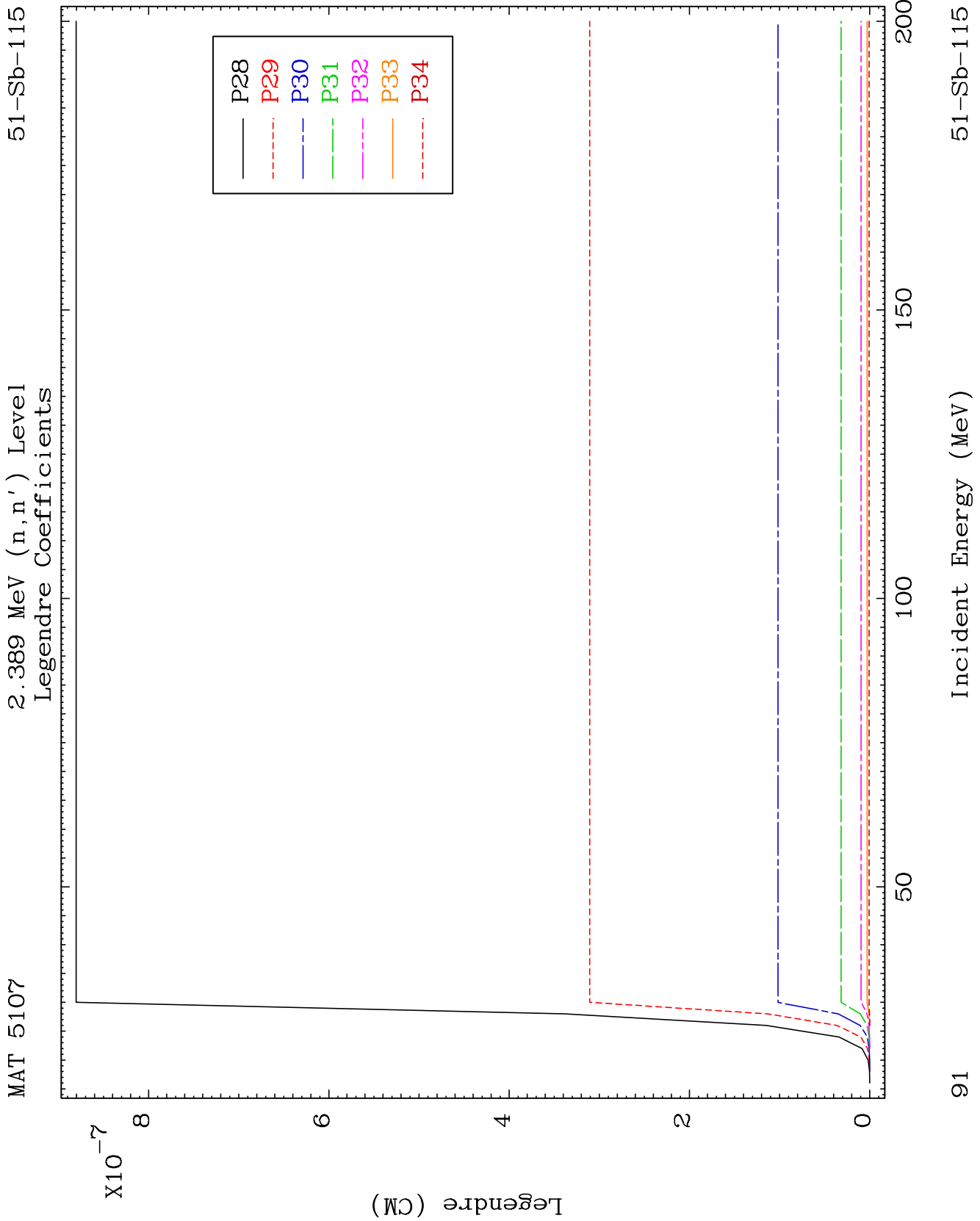
51-Sb-115

MAT 5107

2.389 MeV (n,n') Level
Legendre Coefficients

51-Sb-115

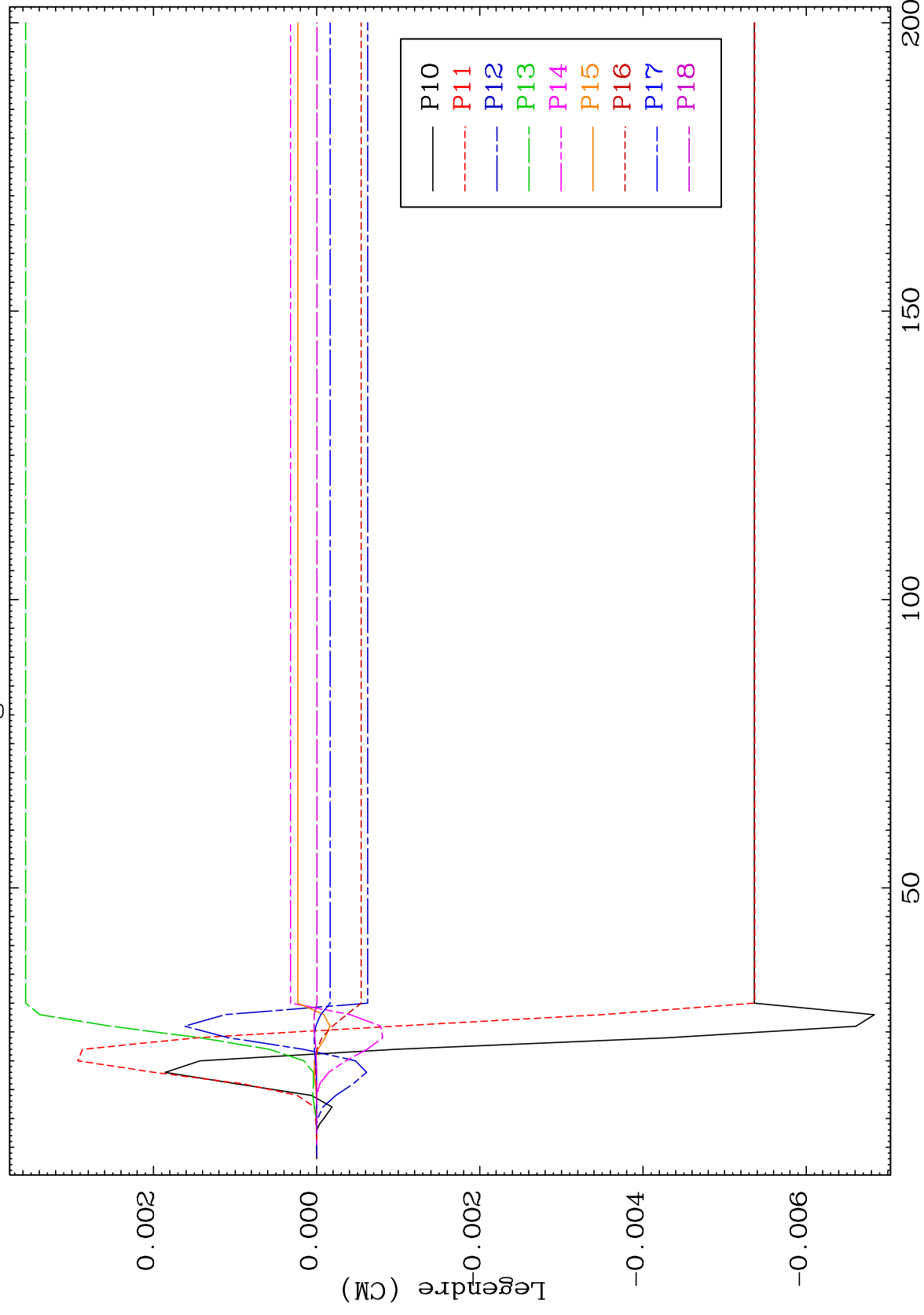




MAT 5107

2.458 MeV (n,n') Level
Legendre Coefficients

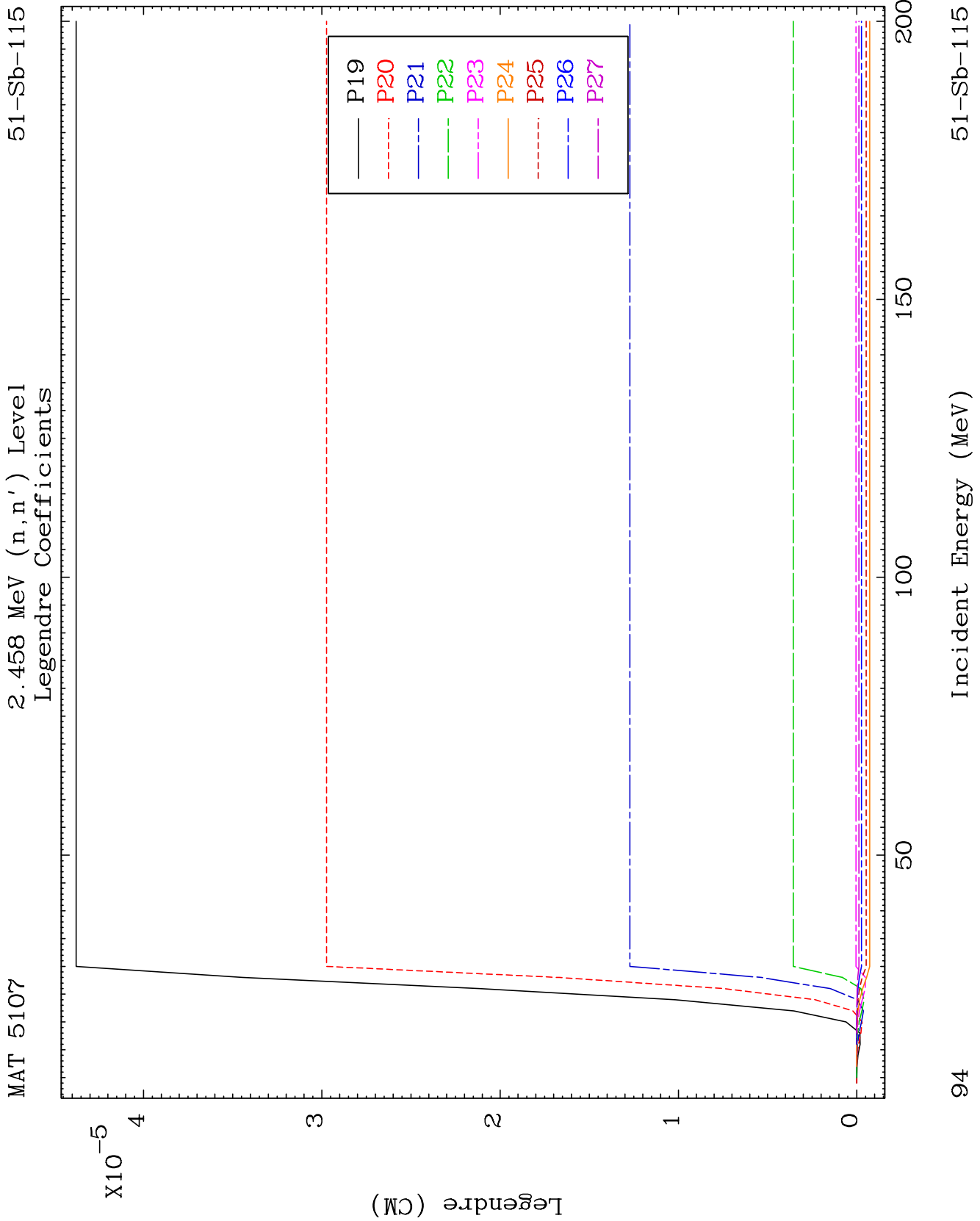
51-Sb-115

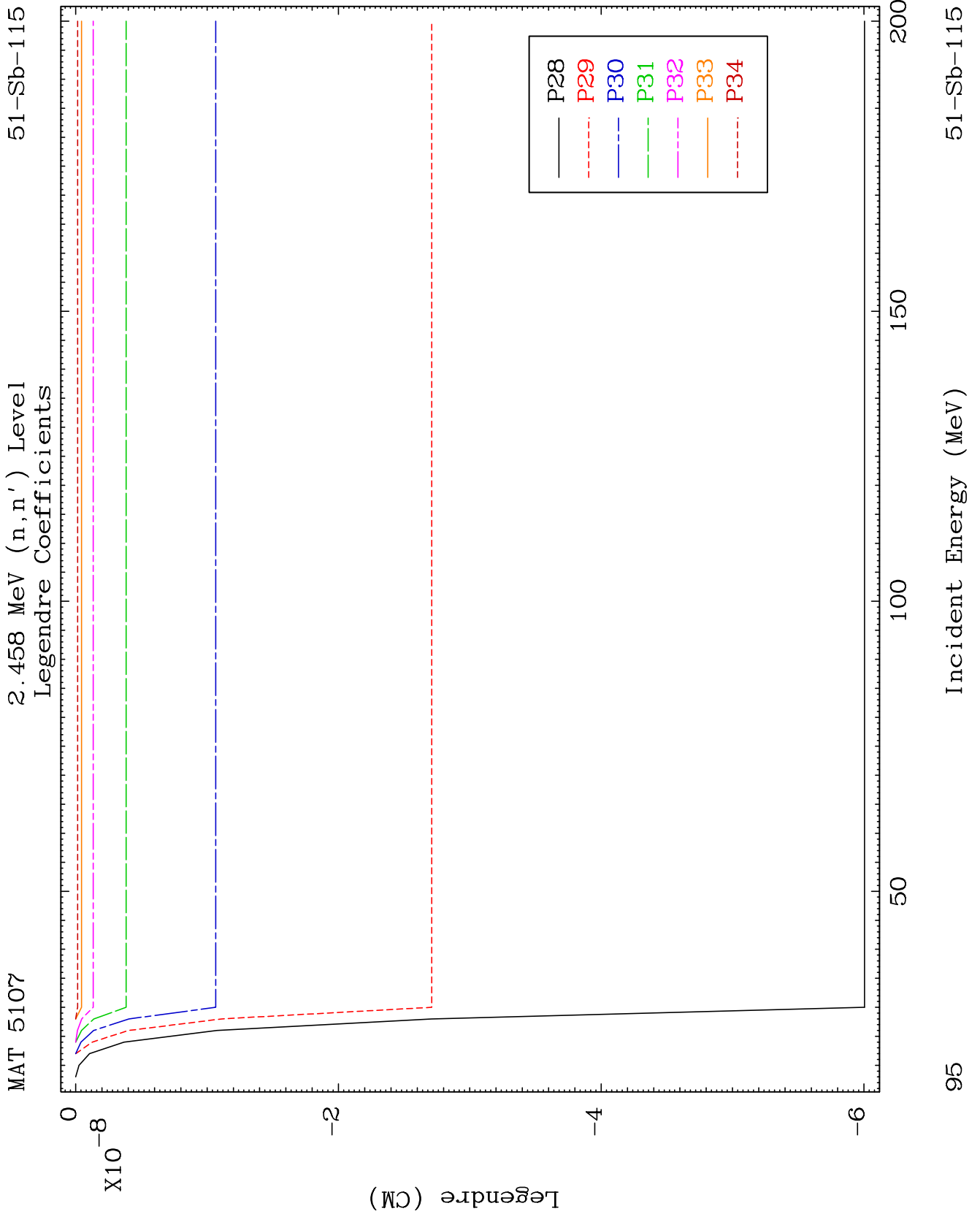


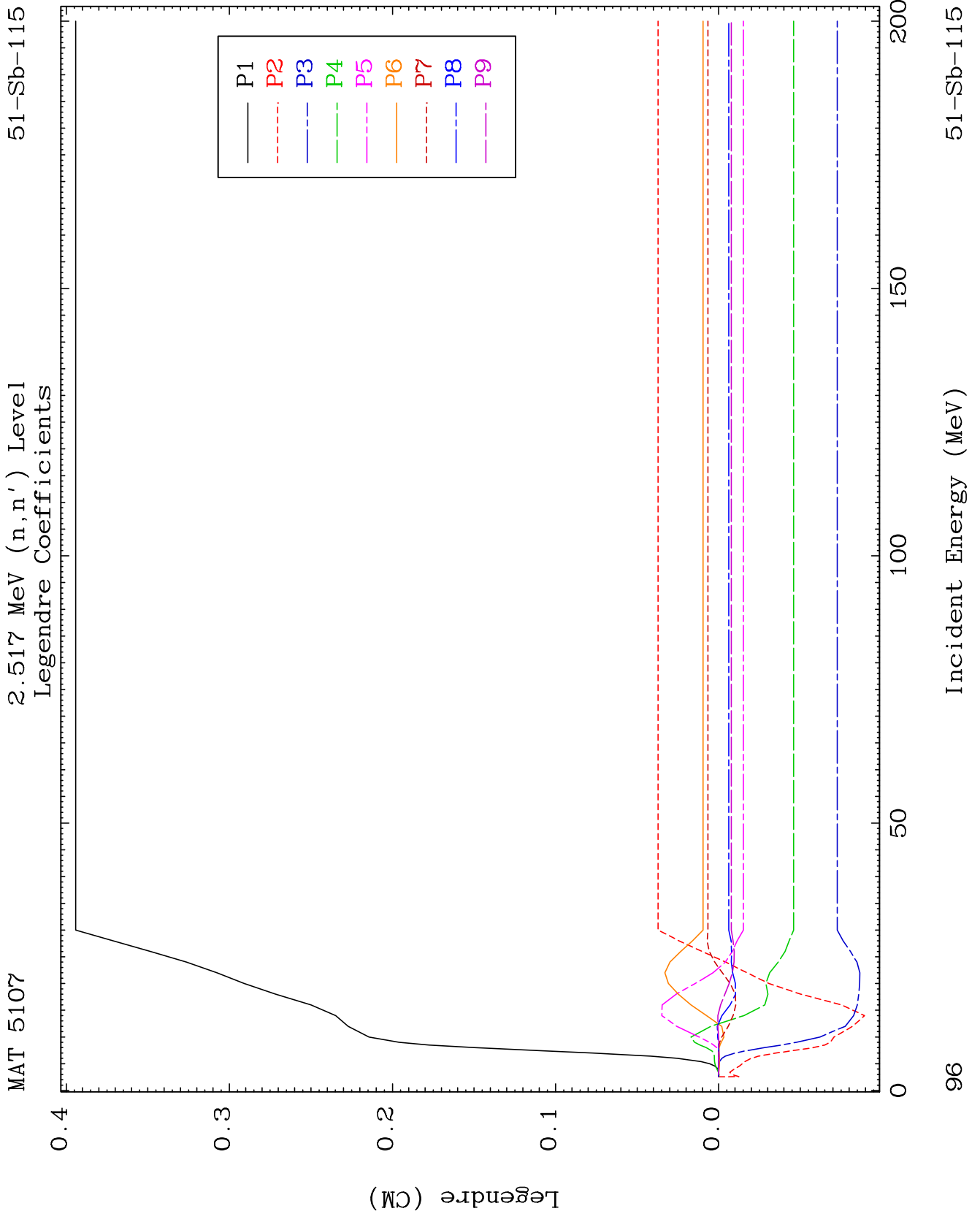
93

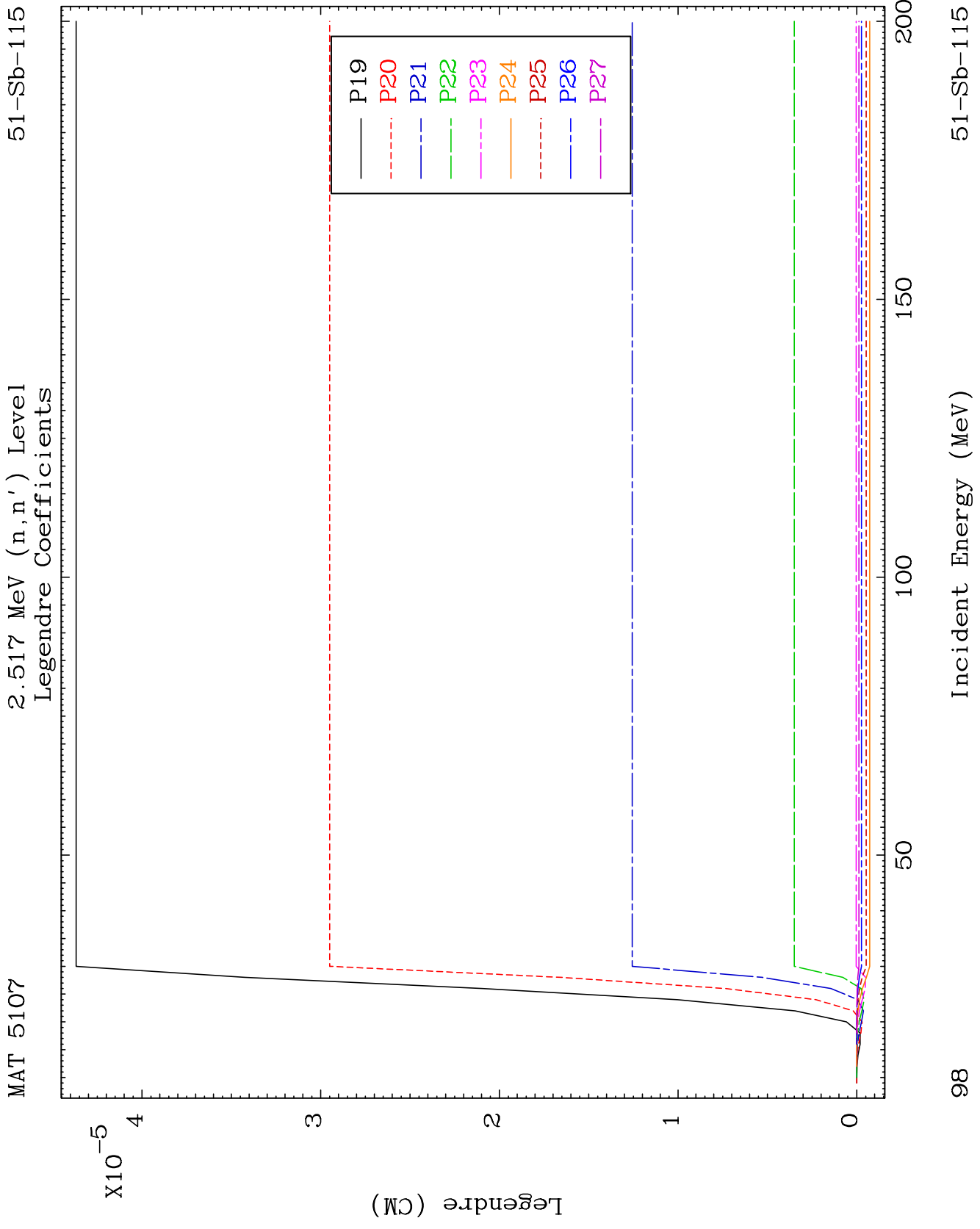
Incident Energy (MeV)

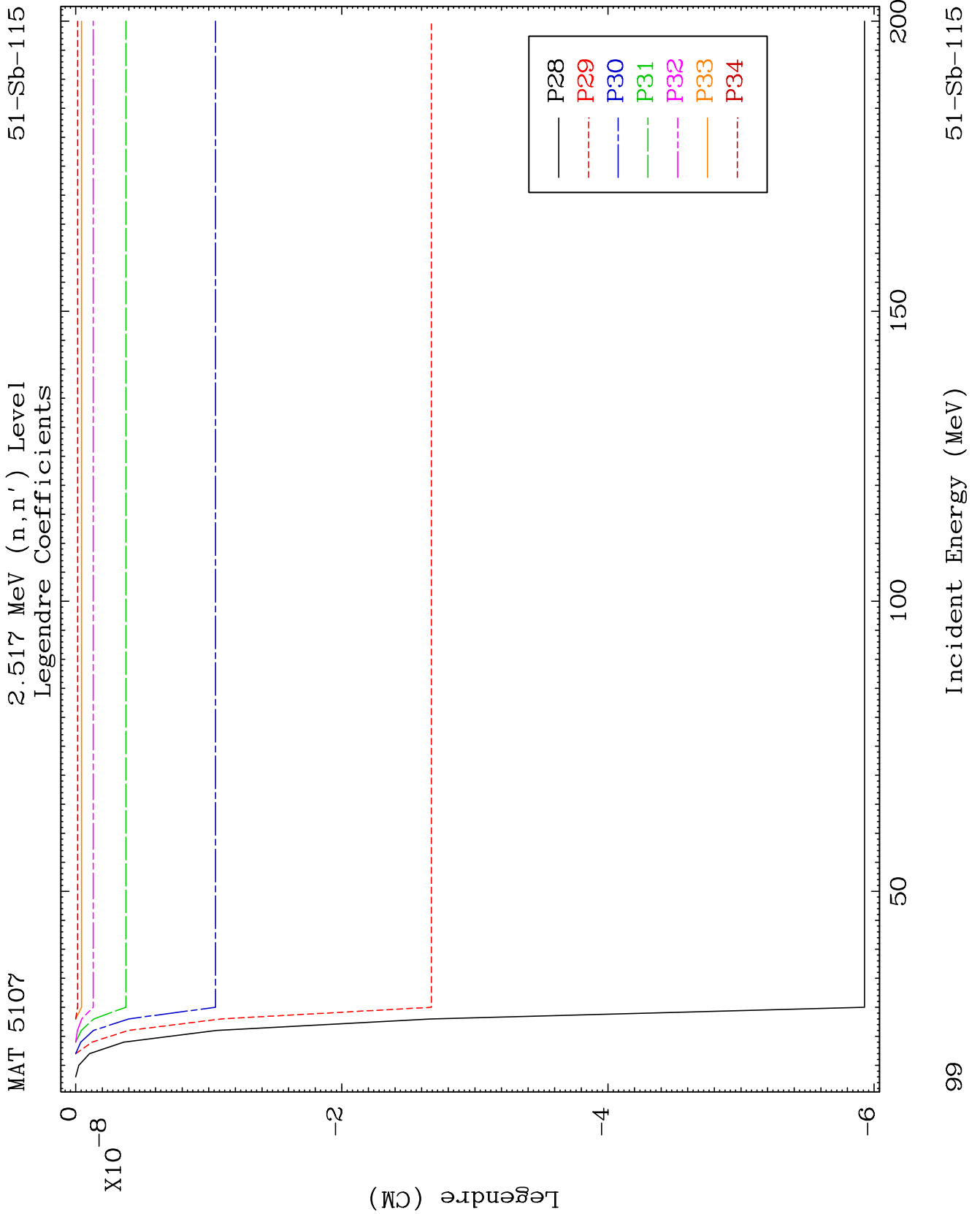
51-Sb-115

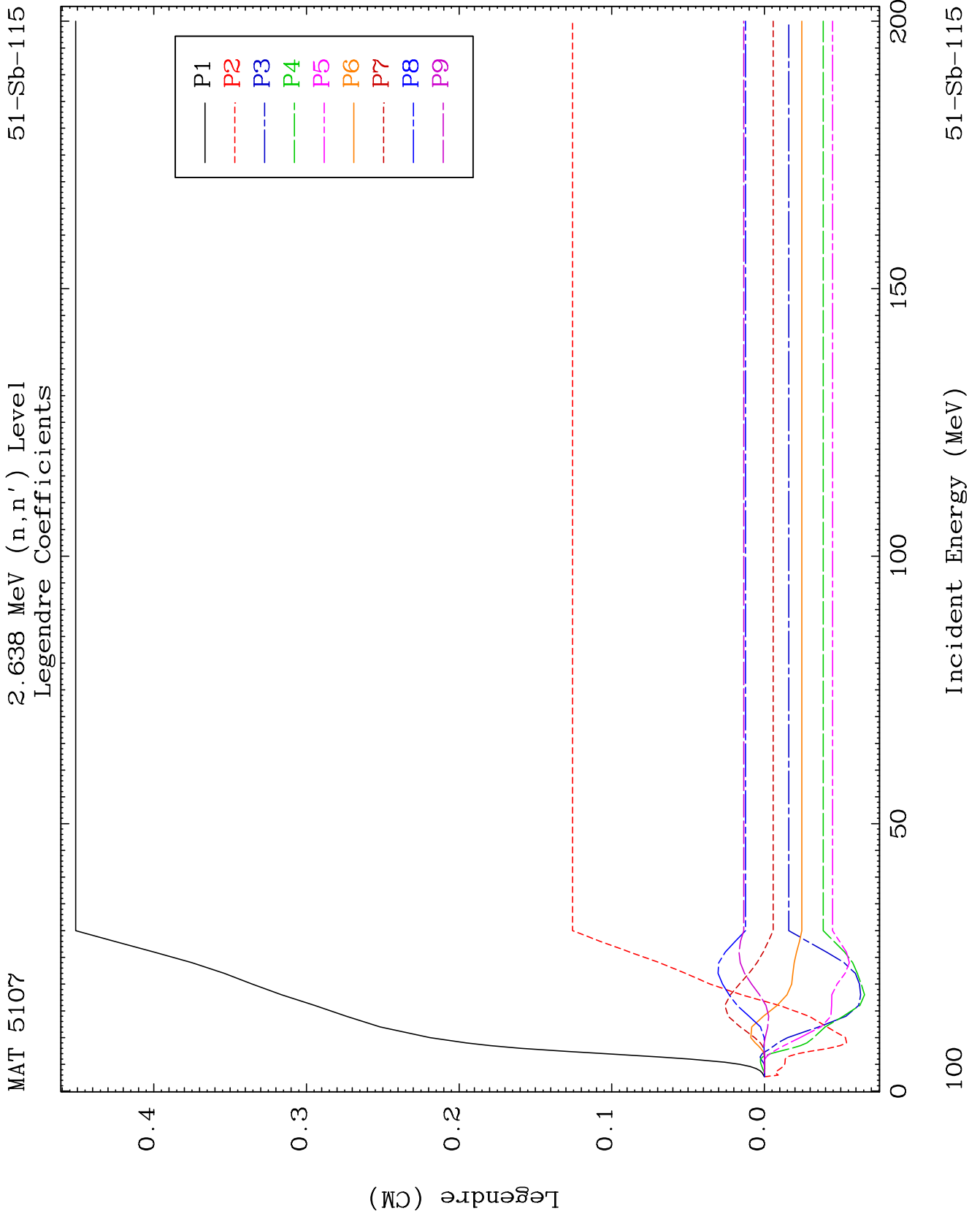








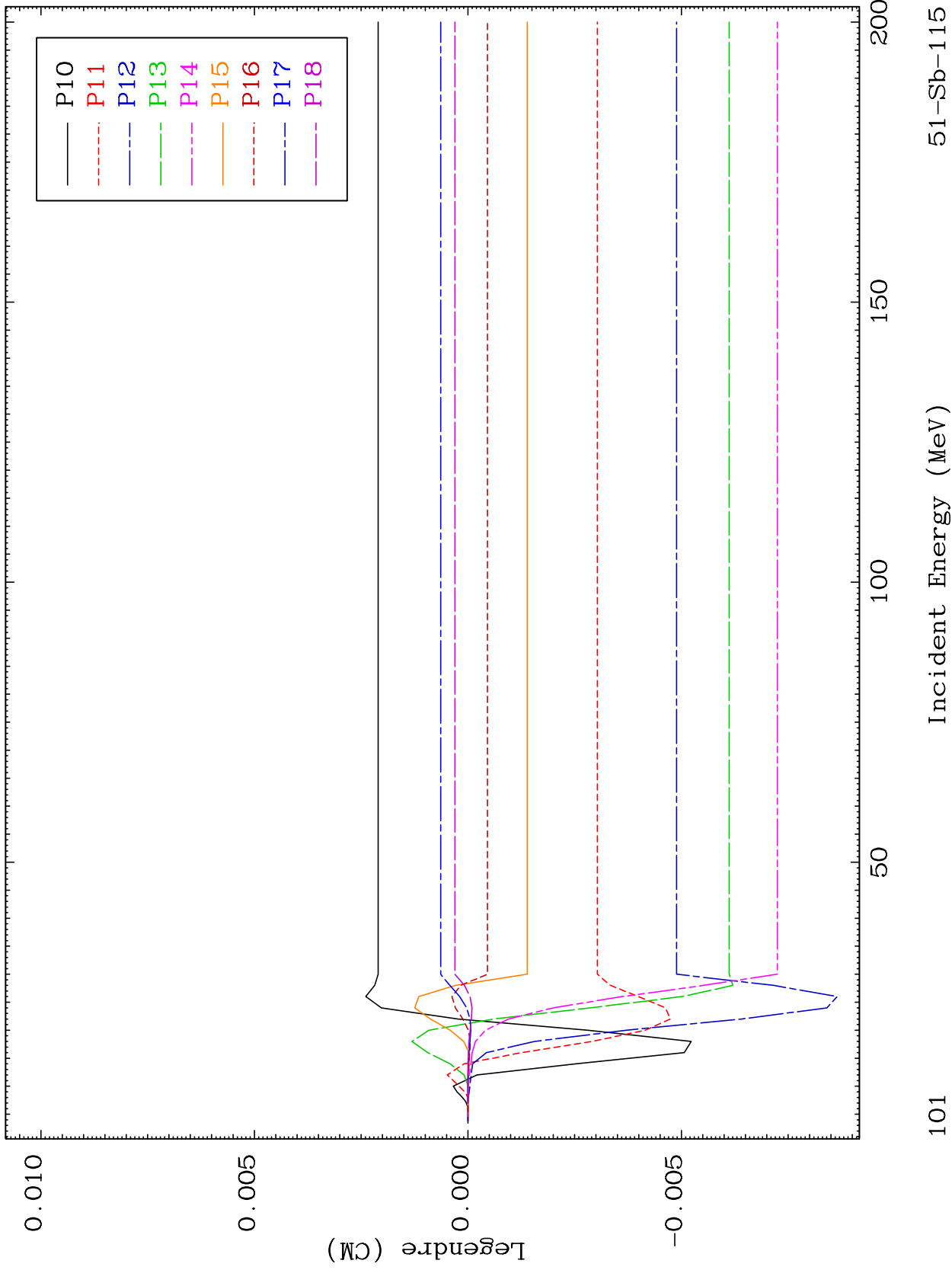




MAT 5107

2.638 MeV (n,n') Level
Legendre Coefficients

51-Sb-115



101

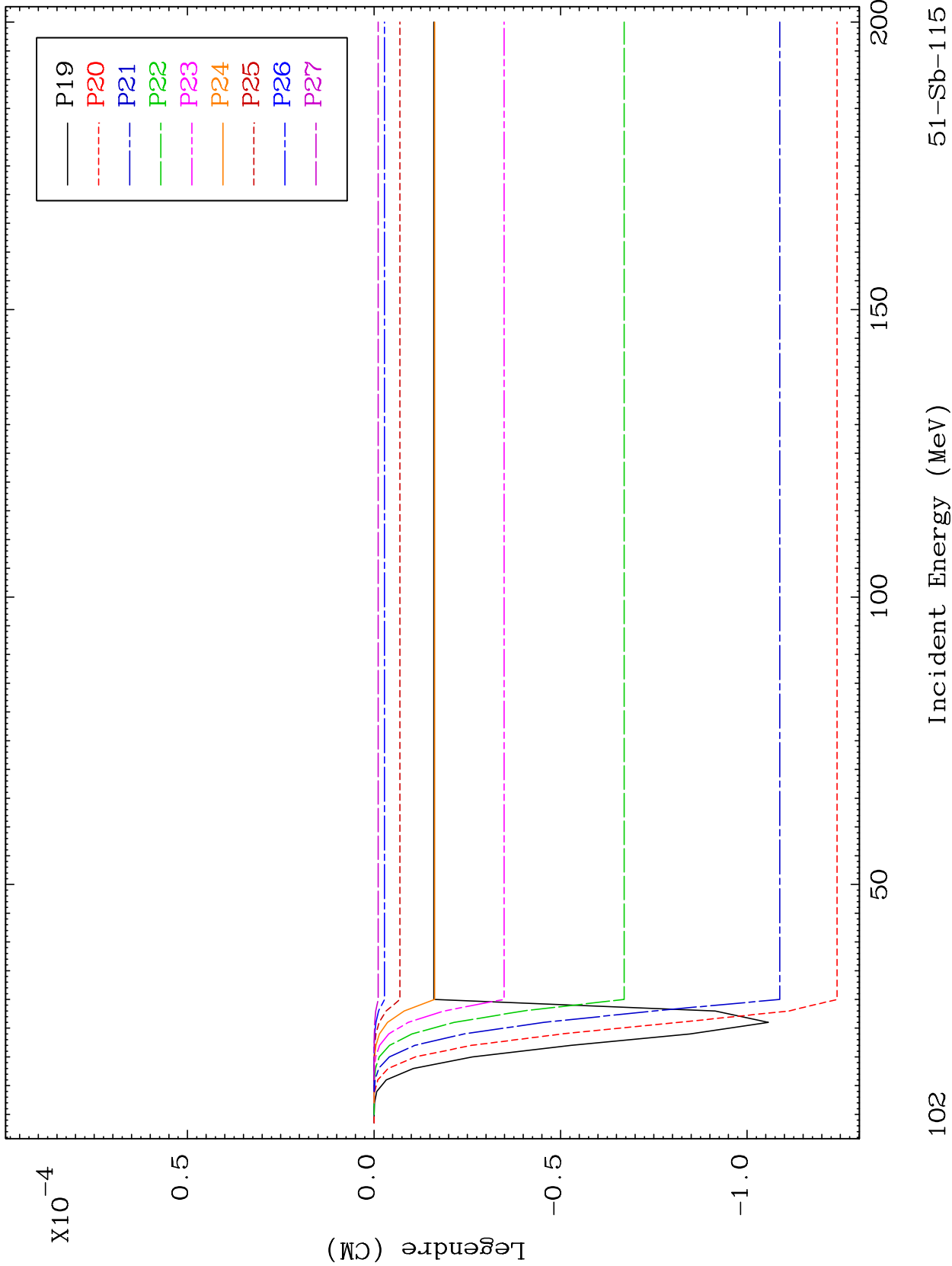
Incident Energy (MeV)

51-Sb-115

MAT 5107

2.638 MeV (n,n') Level
Legendre Coefficients

51-Sb-115



102

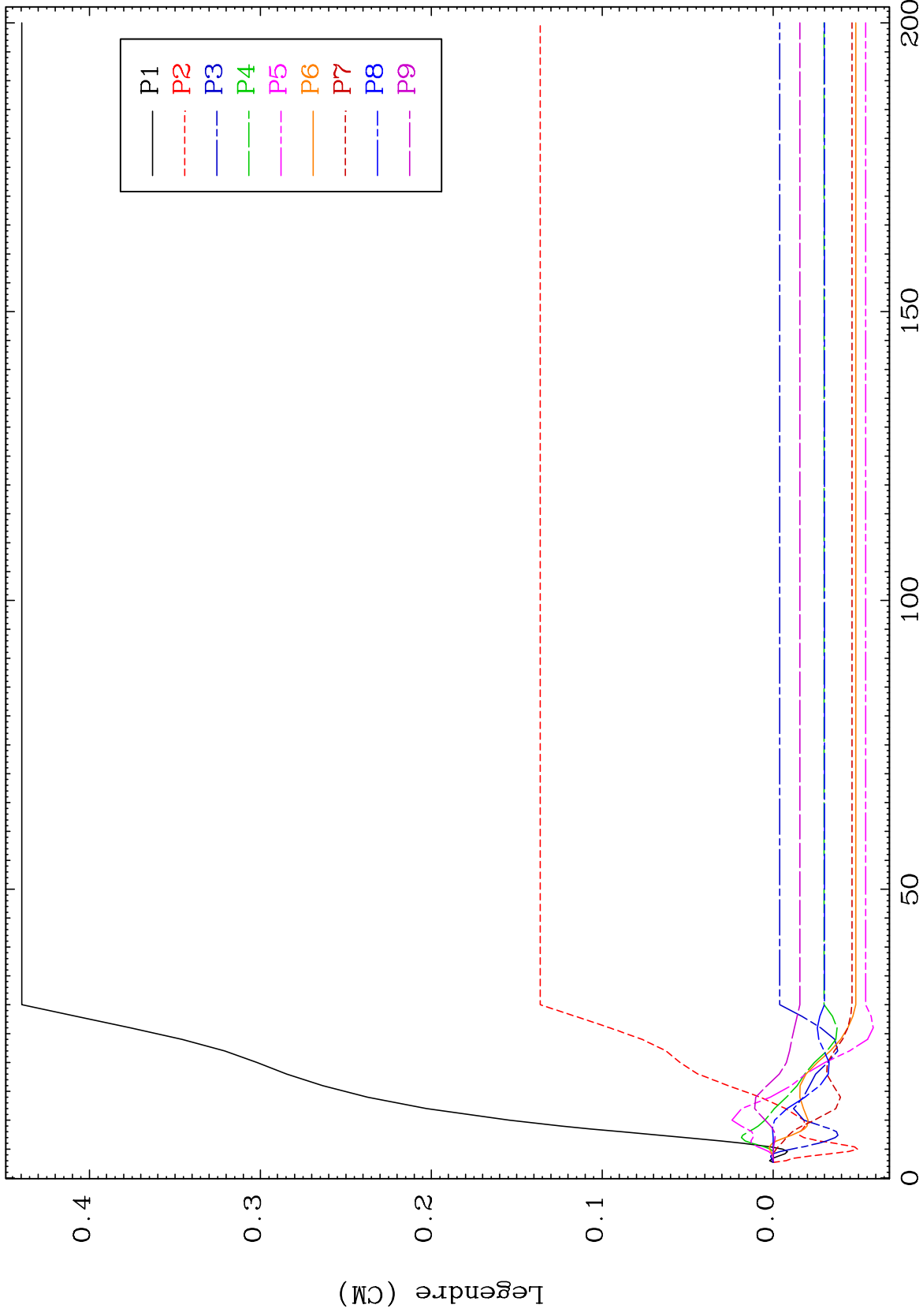
Incident Energy (MeV)

51-Sb-115

MAT 5107

2.660 MeV (n,n') Level
Legendre Coefficients

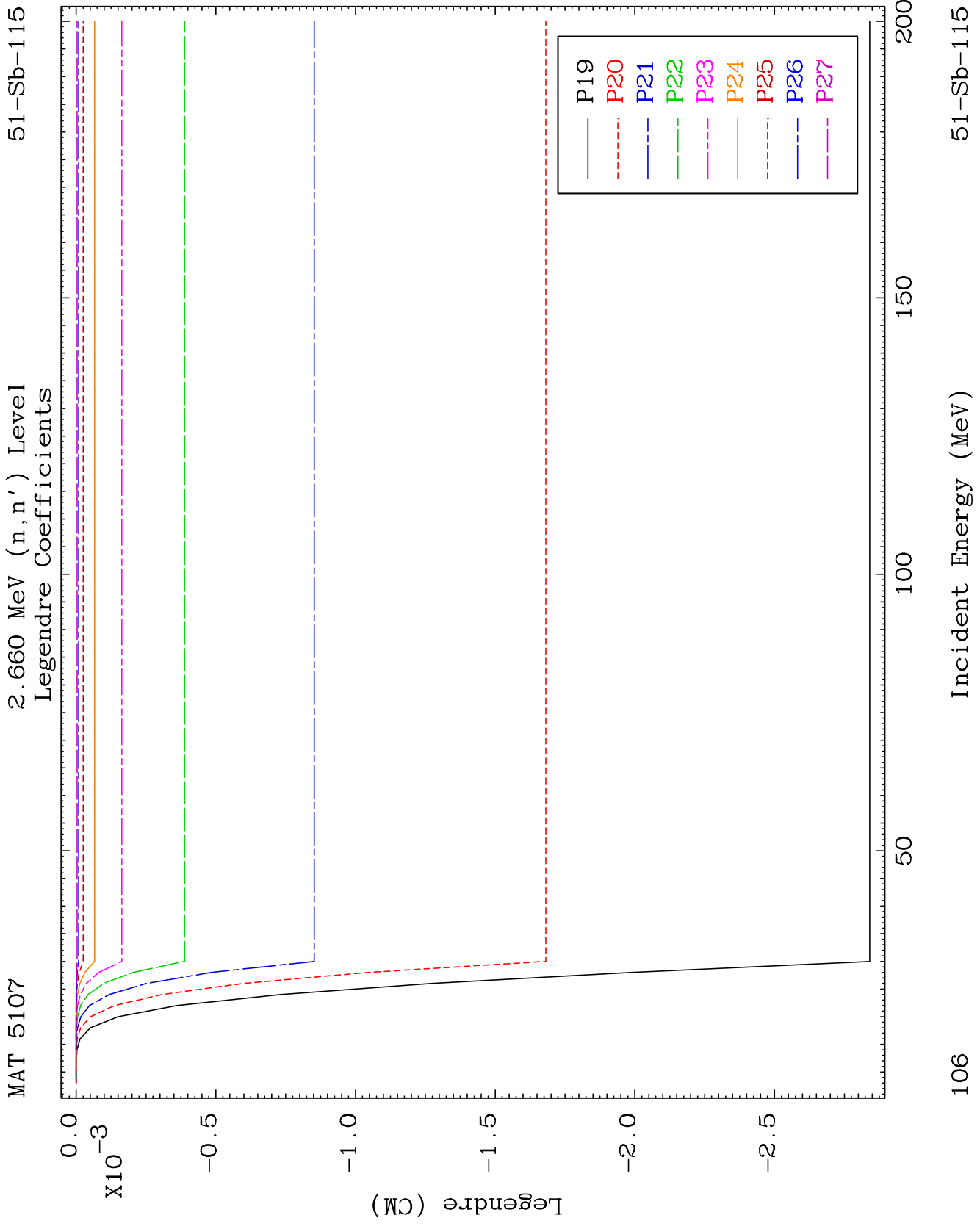
51-Sb-115

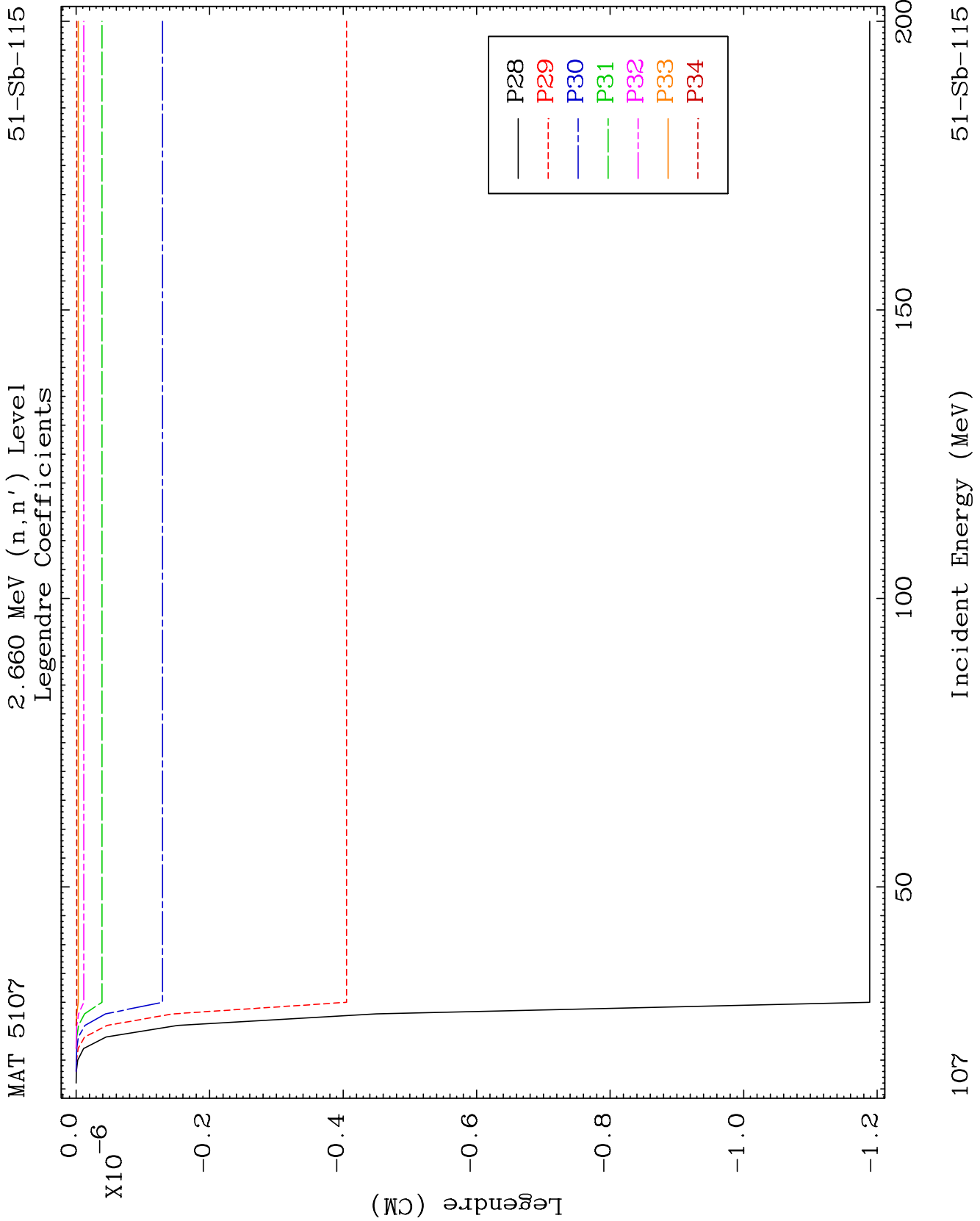


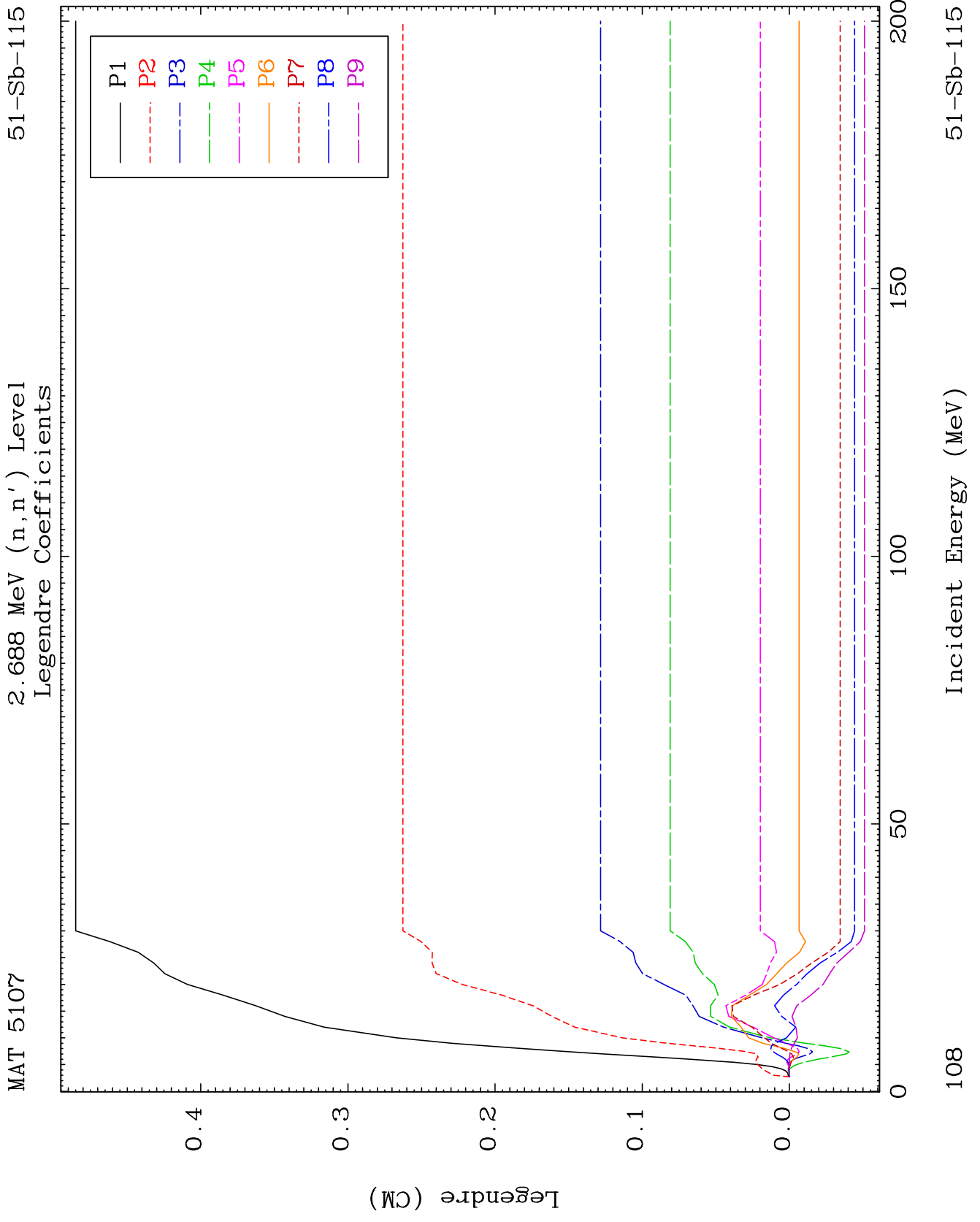
104

Incident Energy (MeV)

51-Sb-115



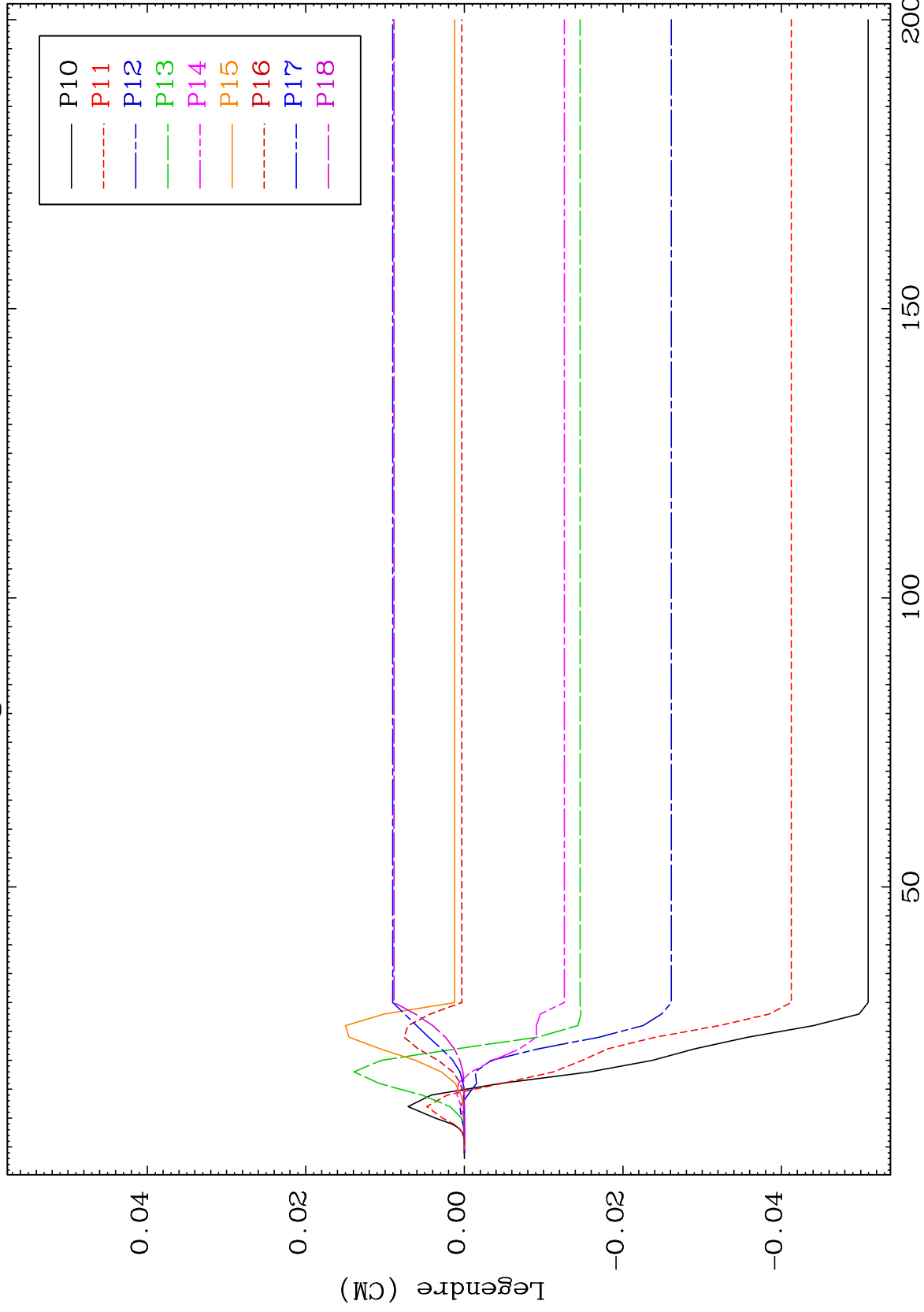




MAT 5107

2.688 MeV (n,n') Level
Legendre Coefficients

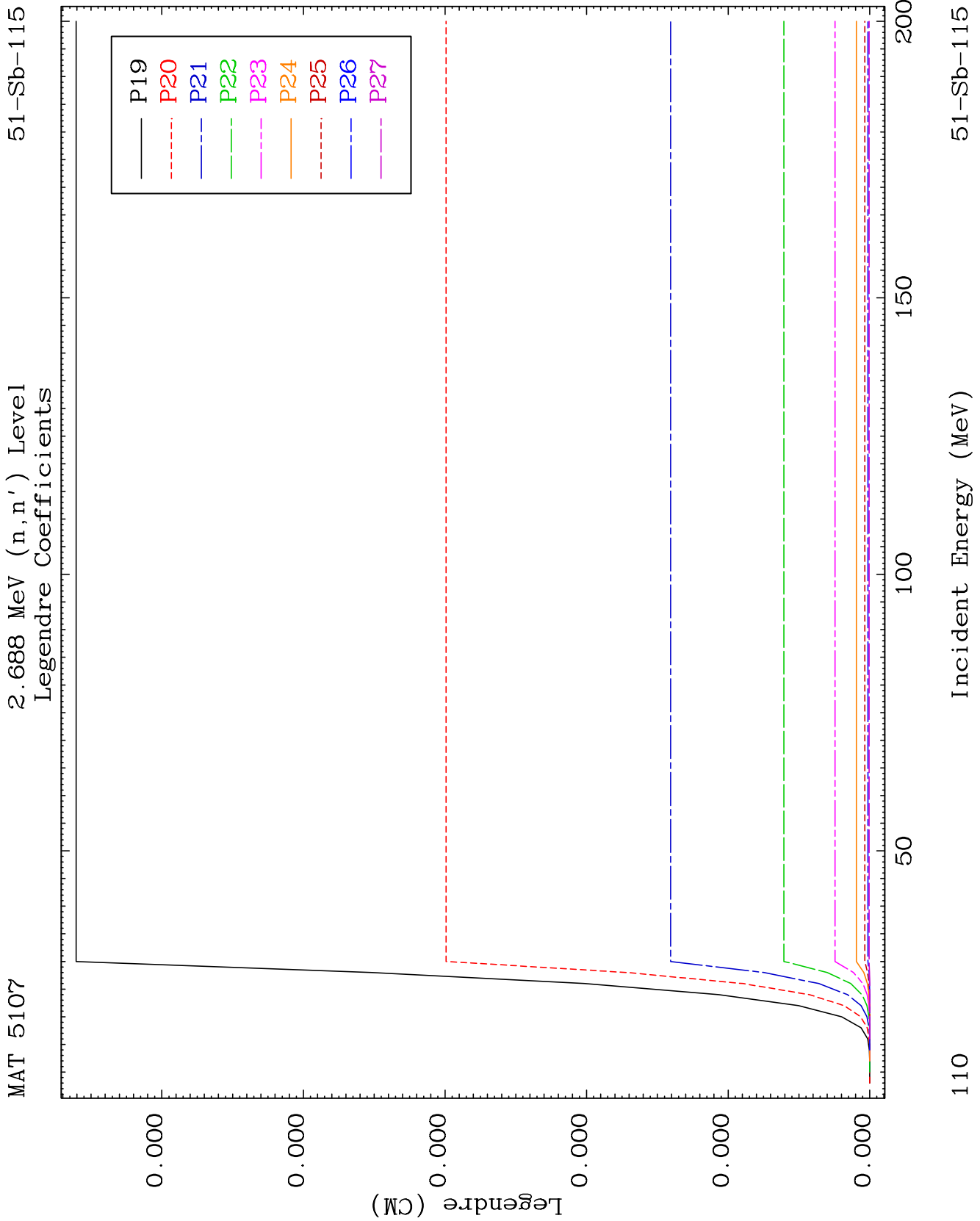
51-Sb-115

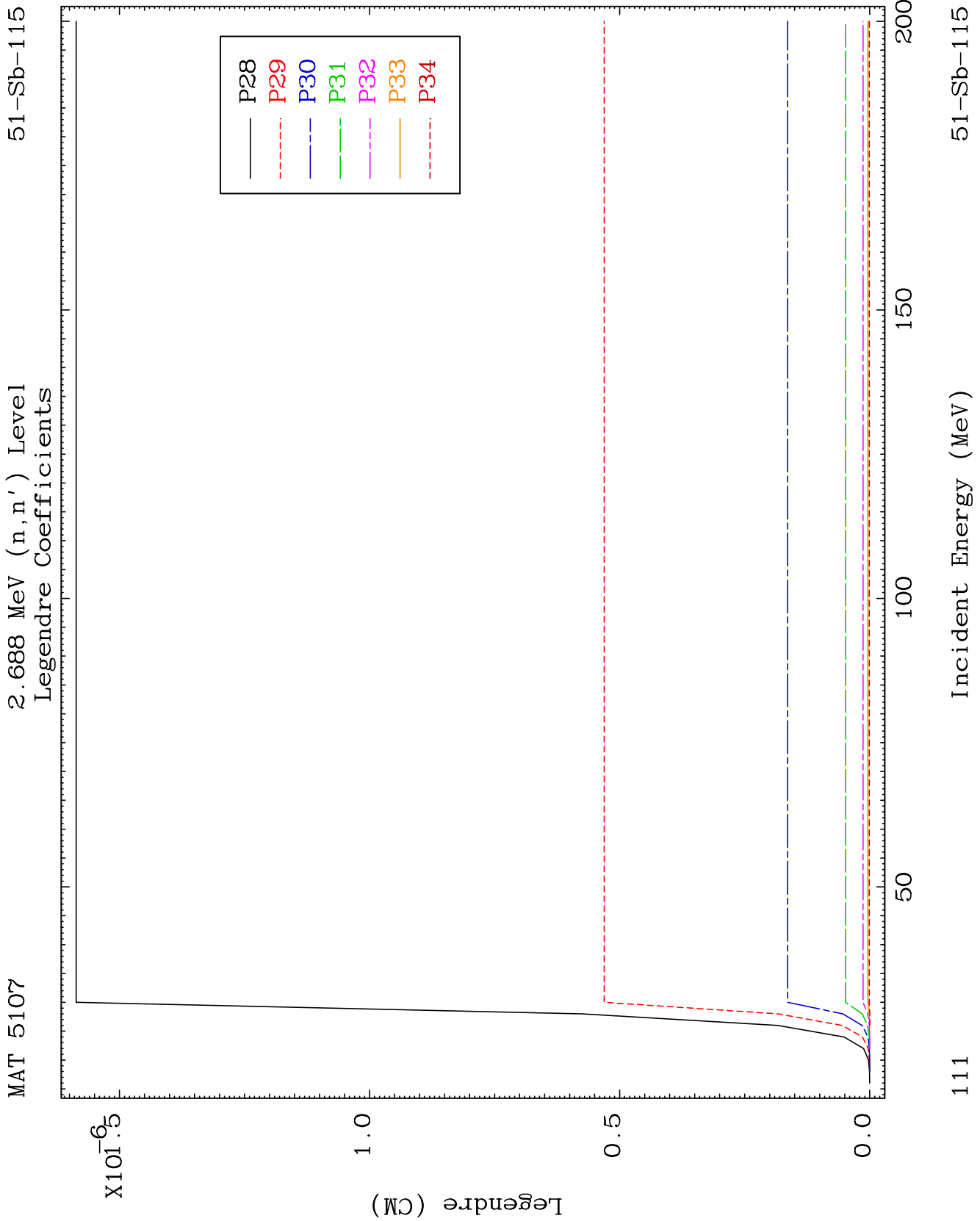


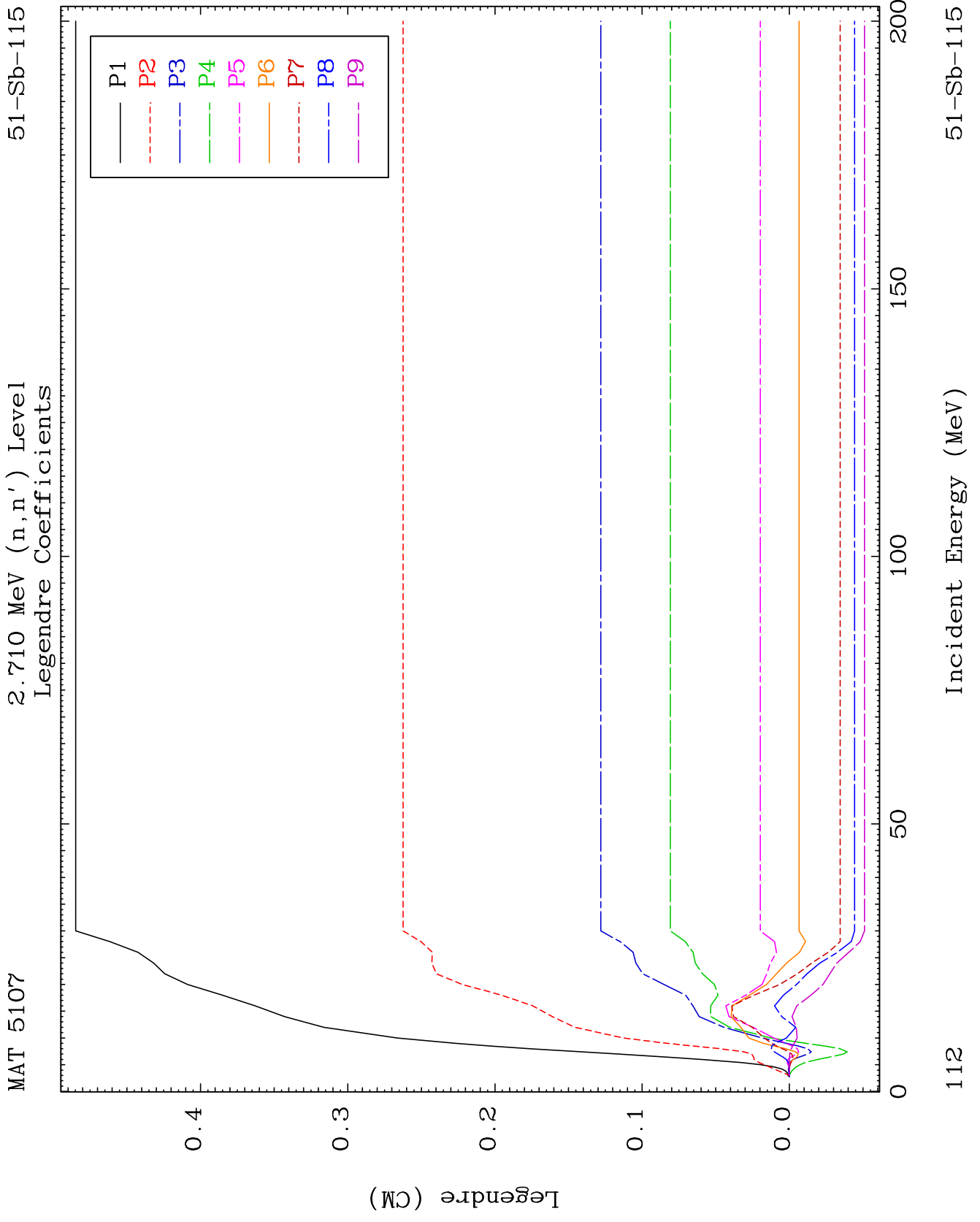
109

Incident Energy (MeV)

51-Sb-115



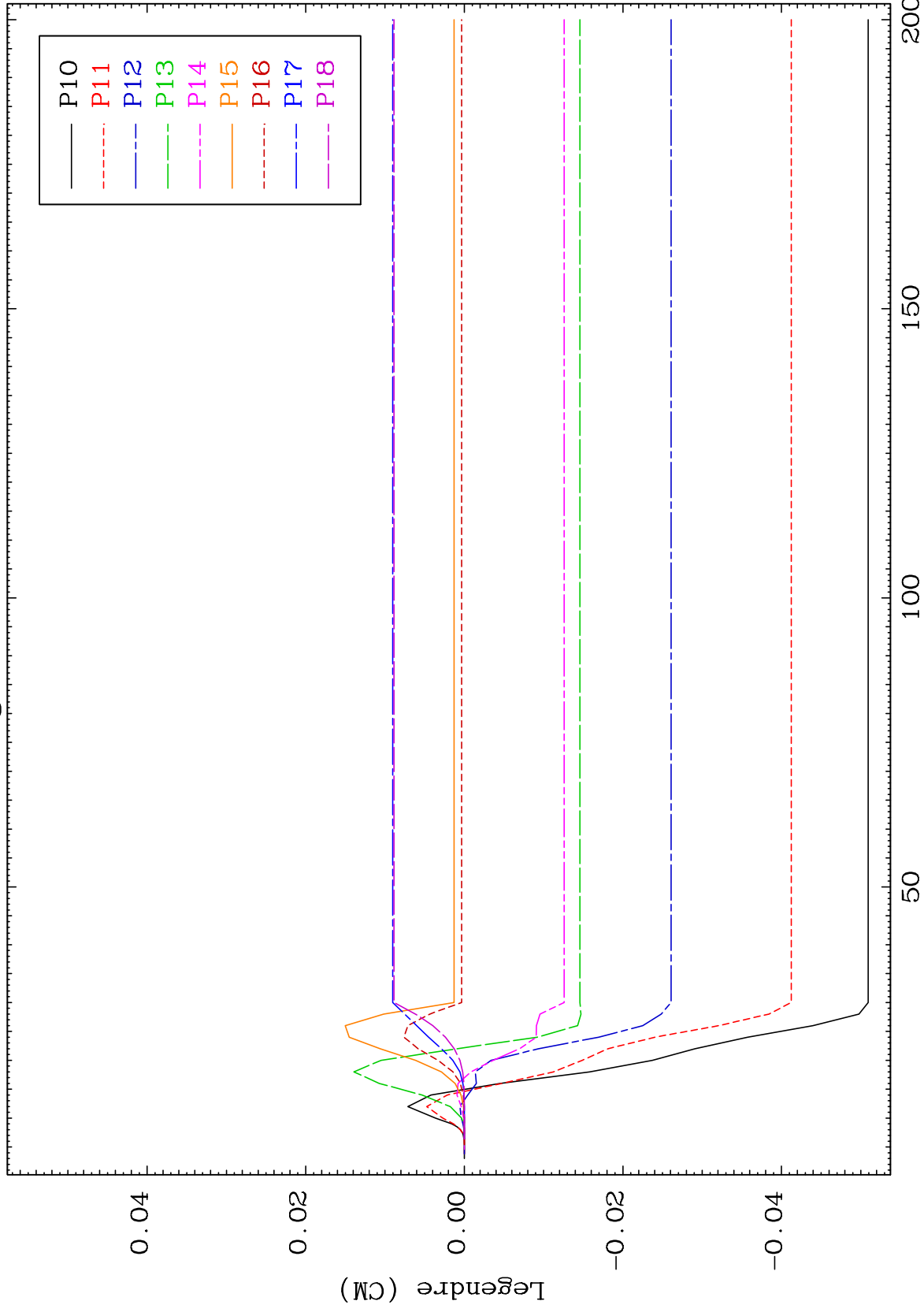




MAT 5107

2.710 MeV (n,n') Level
Legendre Coefficients

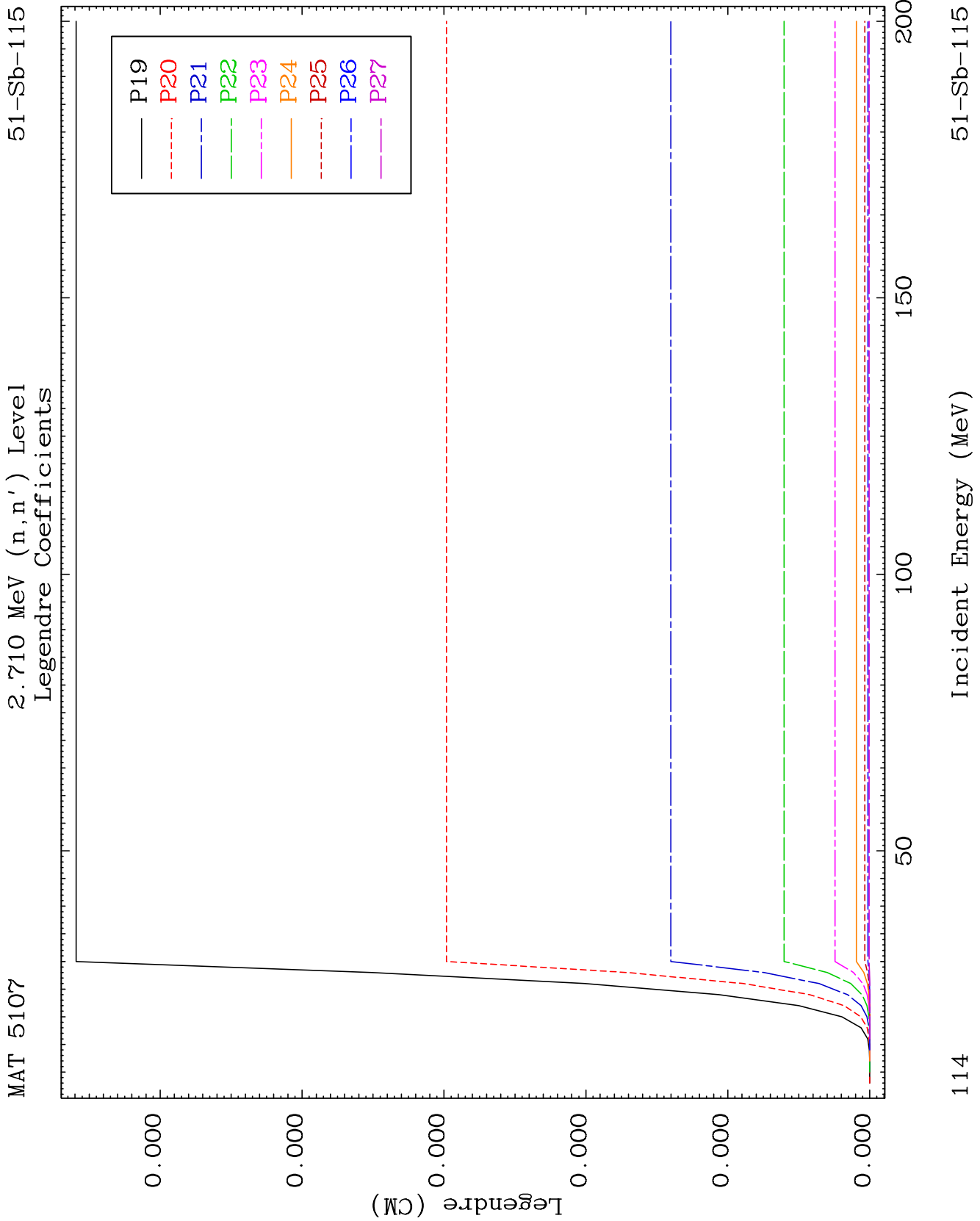
51-Sb-115

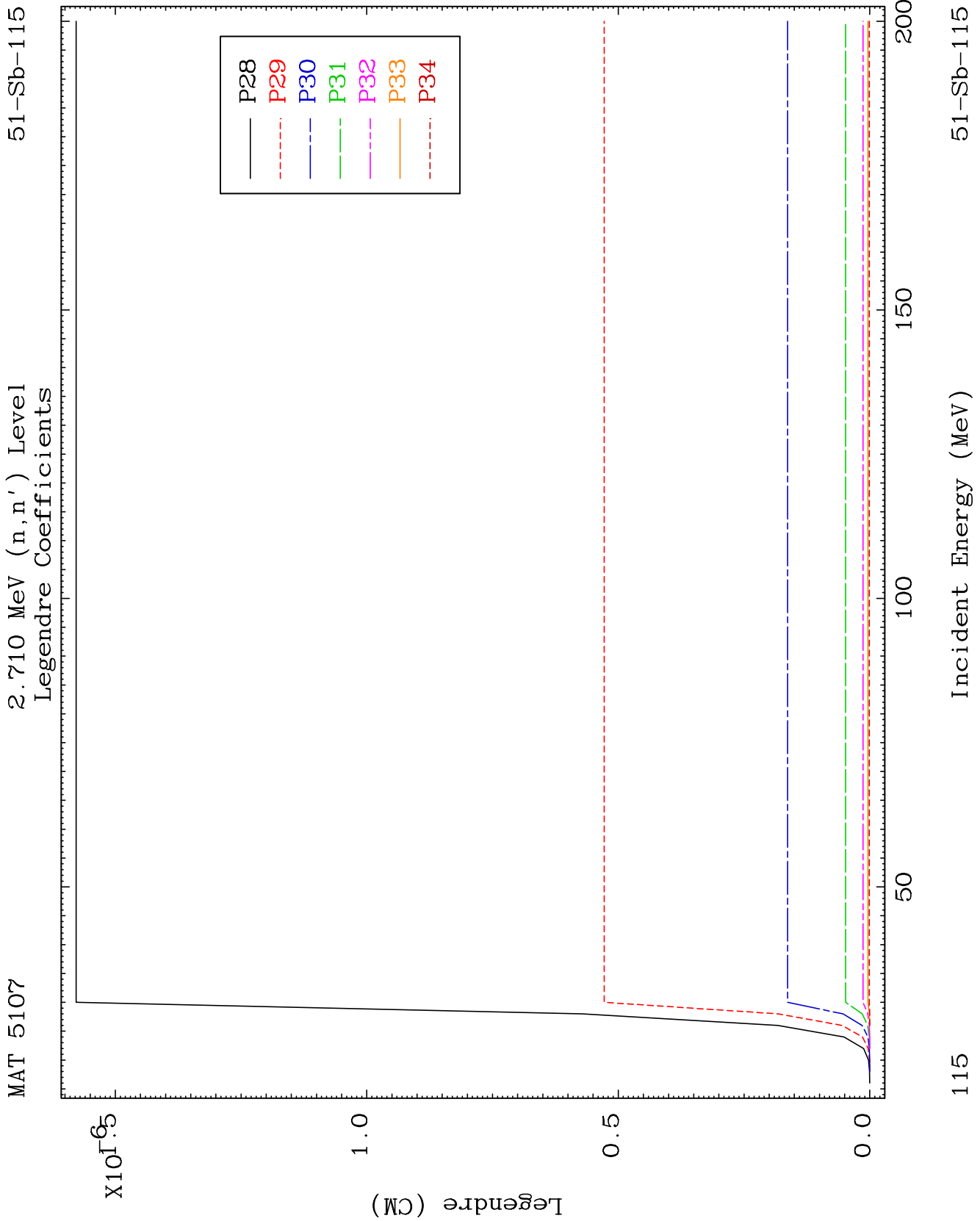


113

Incident Energy (MeV)

51-Sb-115



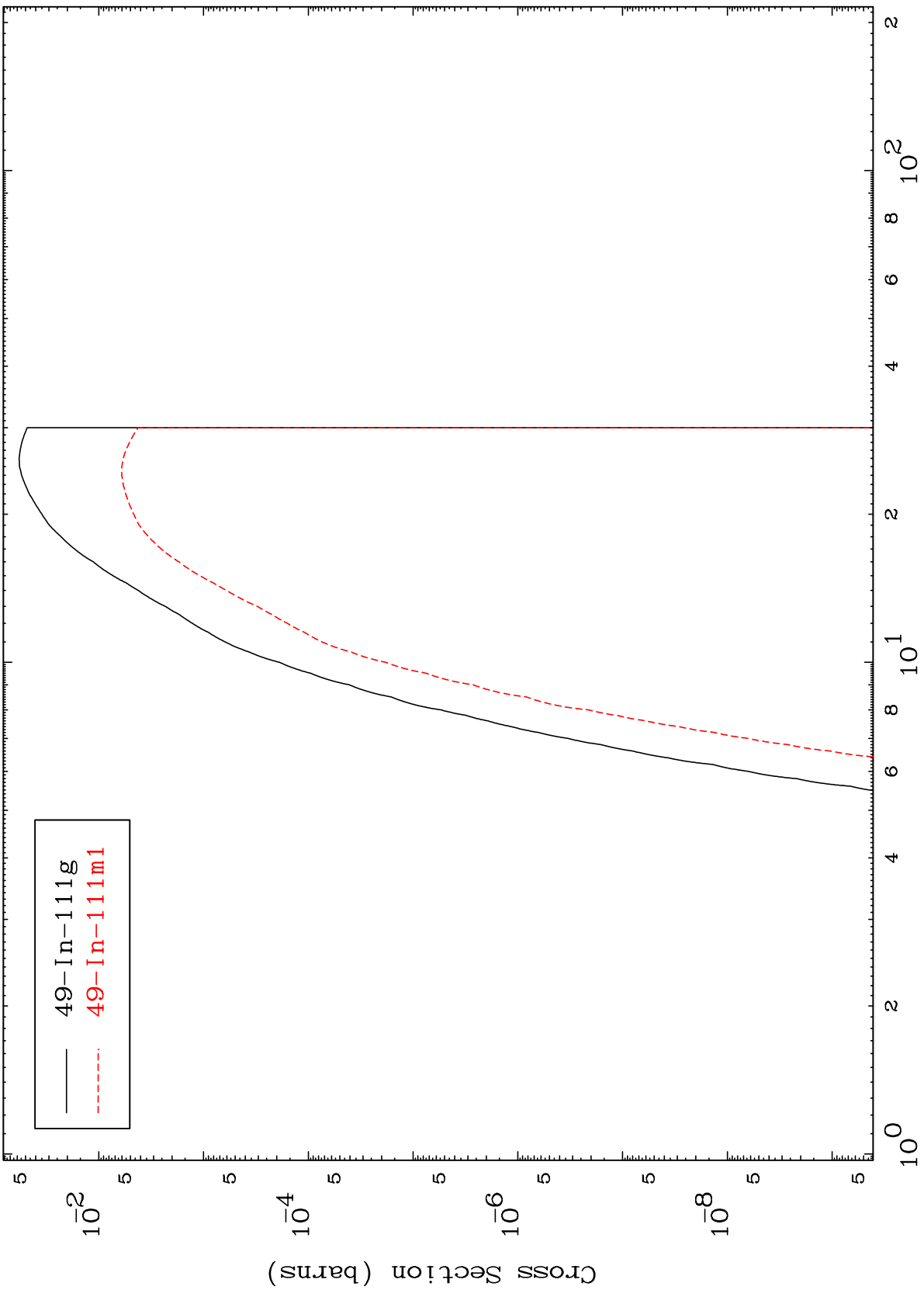


MAT 5107

(n,n') α

51-Sb-115

Radionuclide Production Cross Section



— 49-In-111g
- - - 49-In-111m1

116

Incident Energy (MeV)

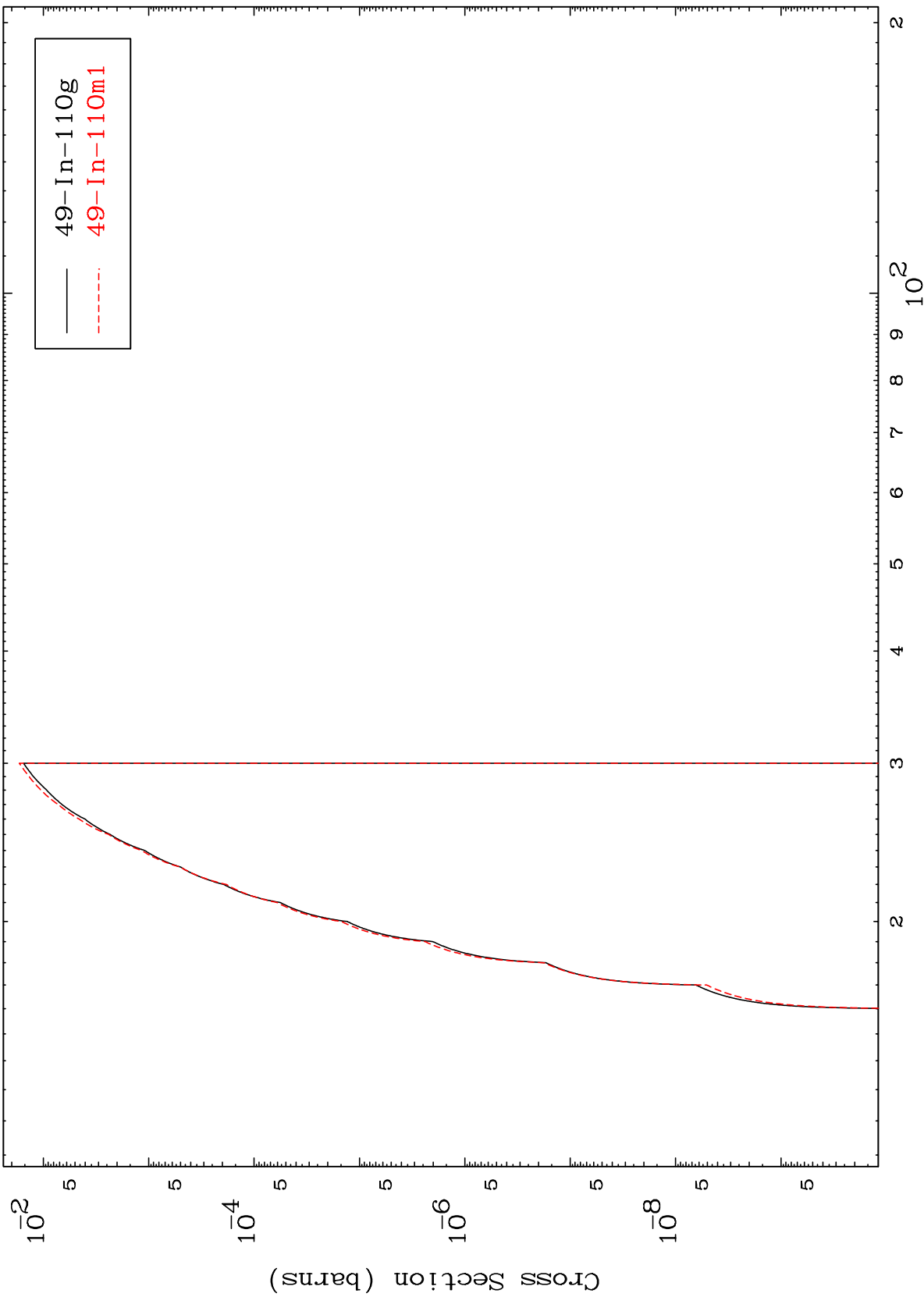
51-Sb-115

MAT 5107

51-Sb-115

(n,2n) α

Radionuclide Production Cross Section



117

Incident Energy (MeV)

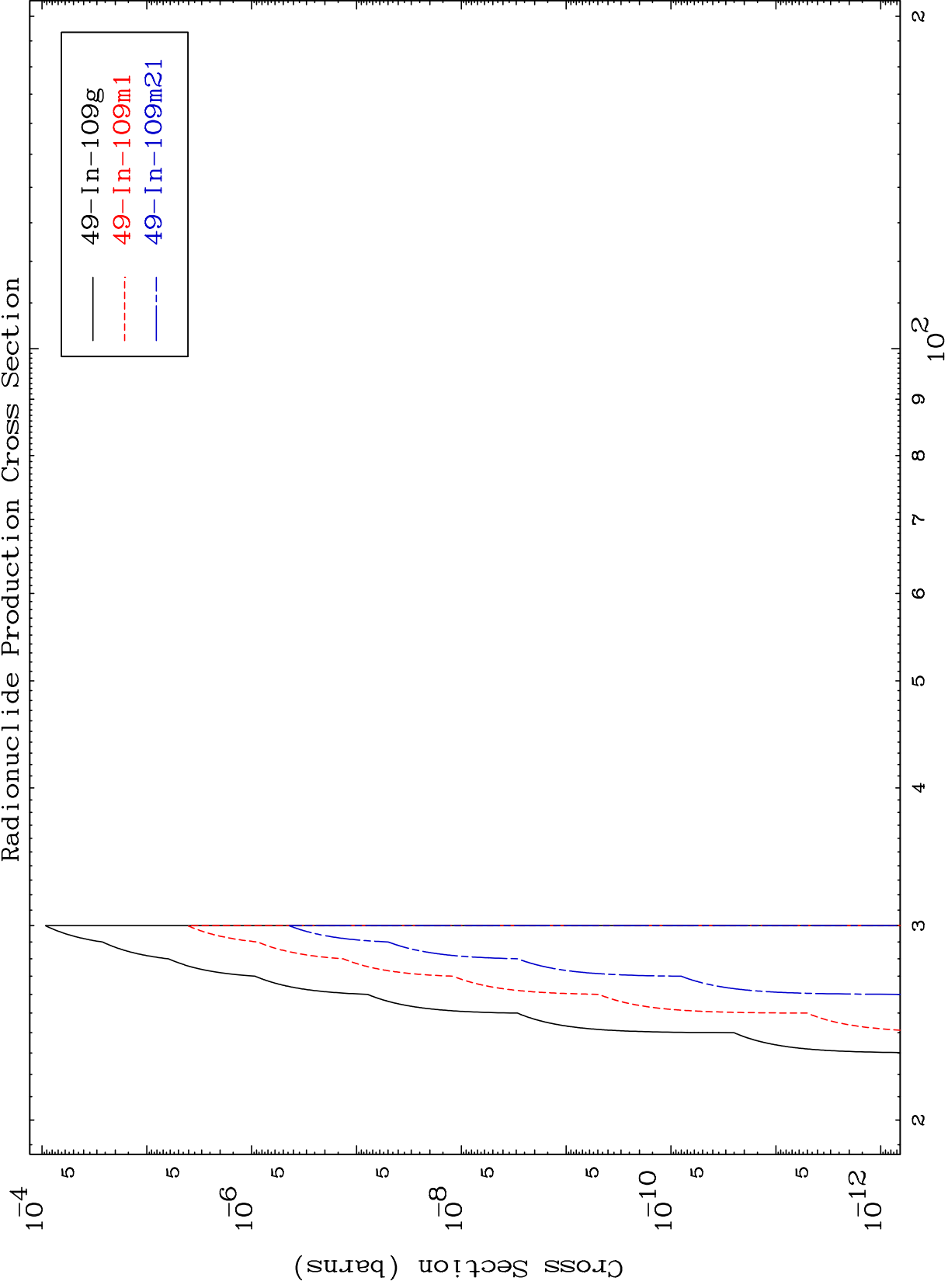
51-Sb-115

MAT 5107

(n,3n) α

51-Sb-115

Radionuclide Production Cross Section



118

Incident Energy (MeV)

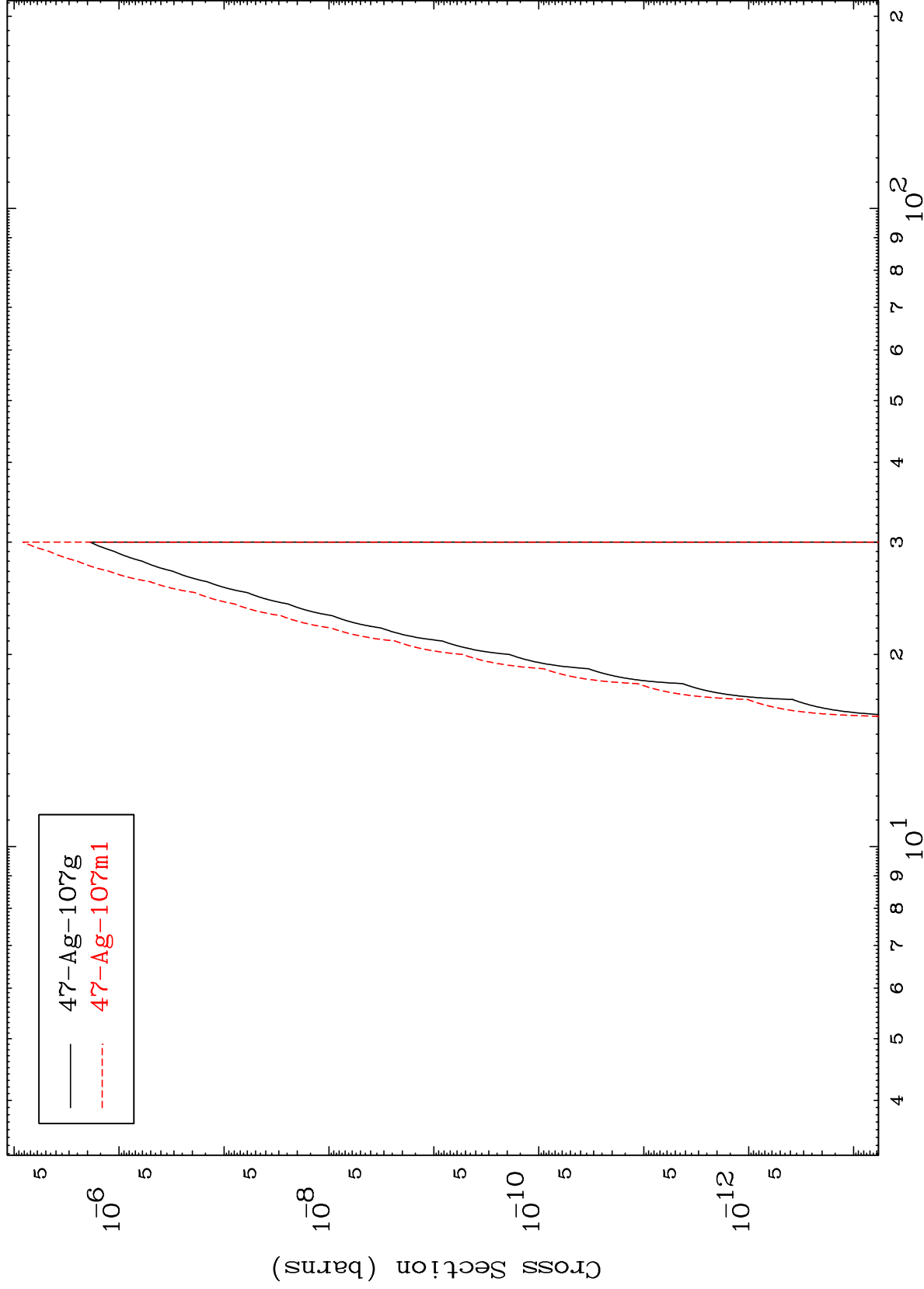
51-Sb-115

MAT 5107

(n,n') 2α

51-Sb-115

Radionuclide Production Cross Section



119

Incident Energy (MeV)

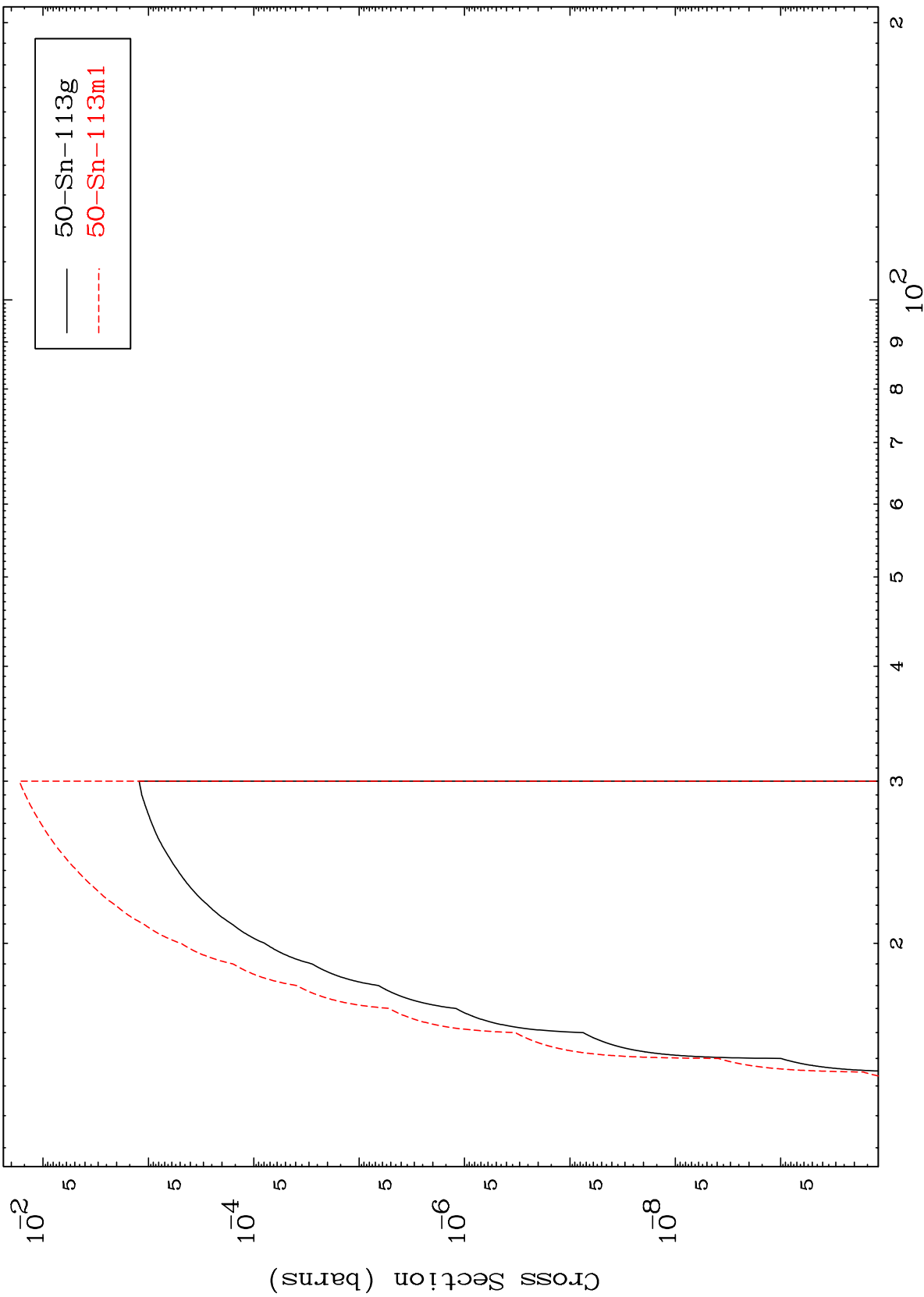
51-Sb-115

MAT 5107

(n,n') d

51-Sb-115

Radionuclide Production Cross Section



120

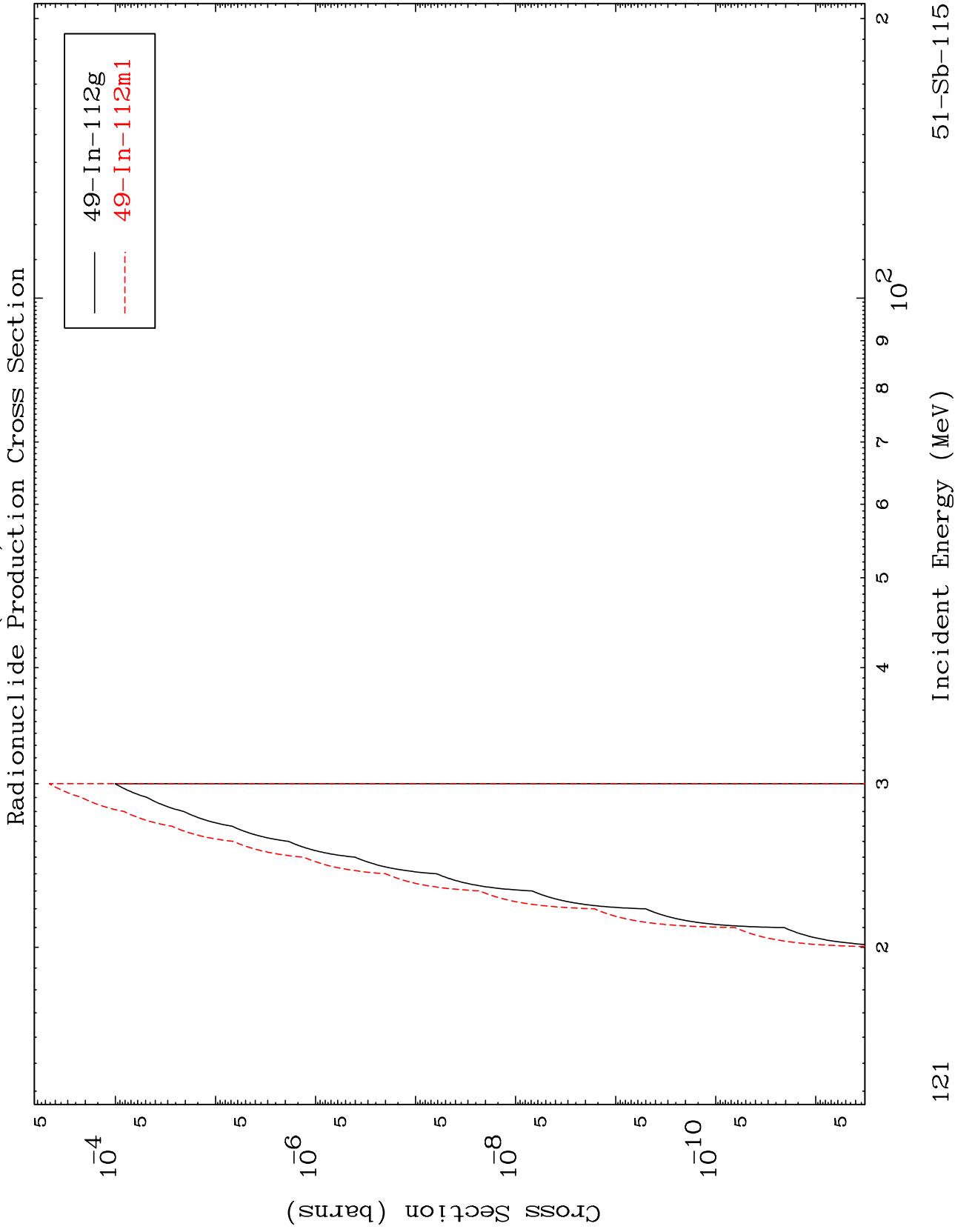
Incident Energy (MeV)

51-Sb-115

MAT 5107

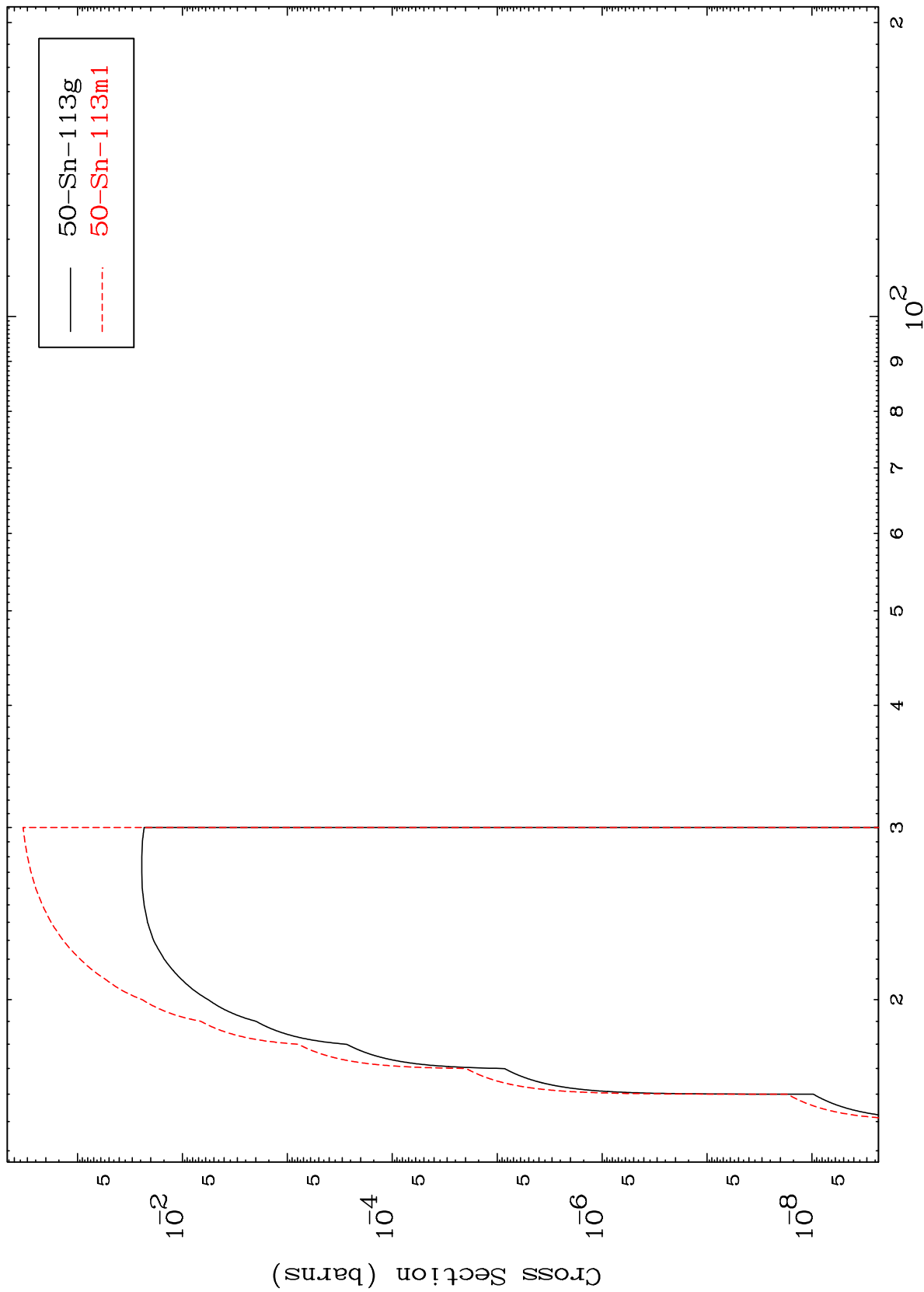
(n,n') He-3

51-Sb-115



121

Radionuclide Production Cross Section

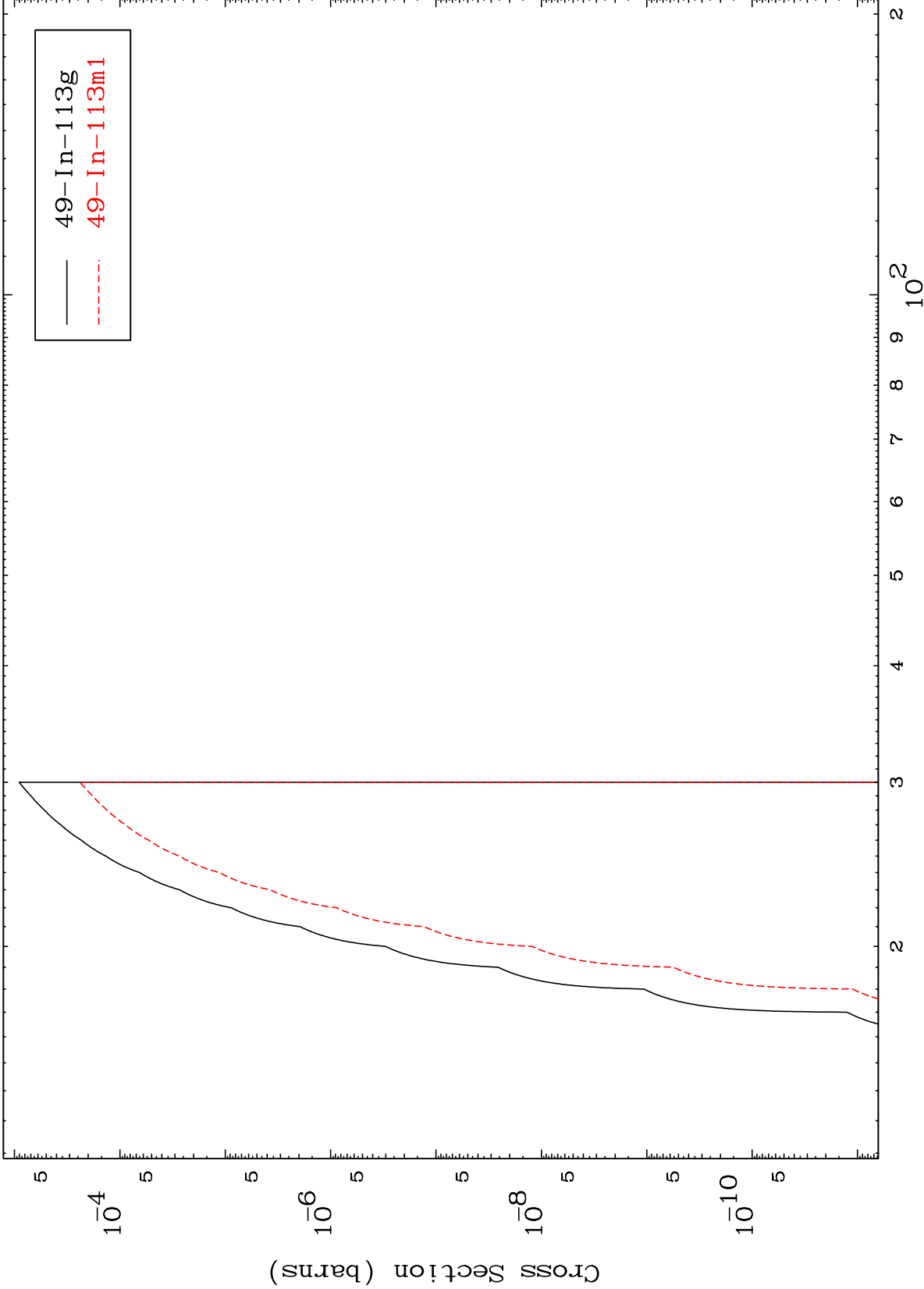


MAT 5107

(n,2n) p

51-Sb-115

Radionuclide Production Cross Section



123

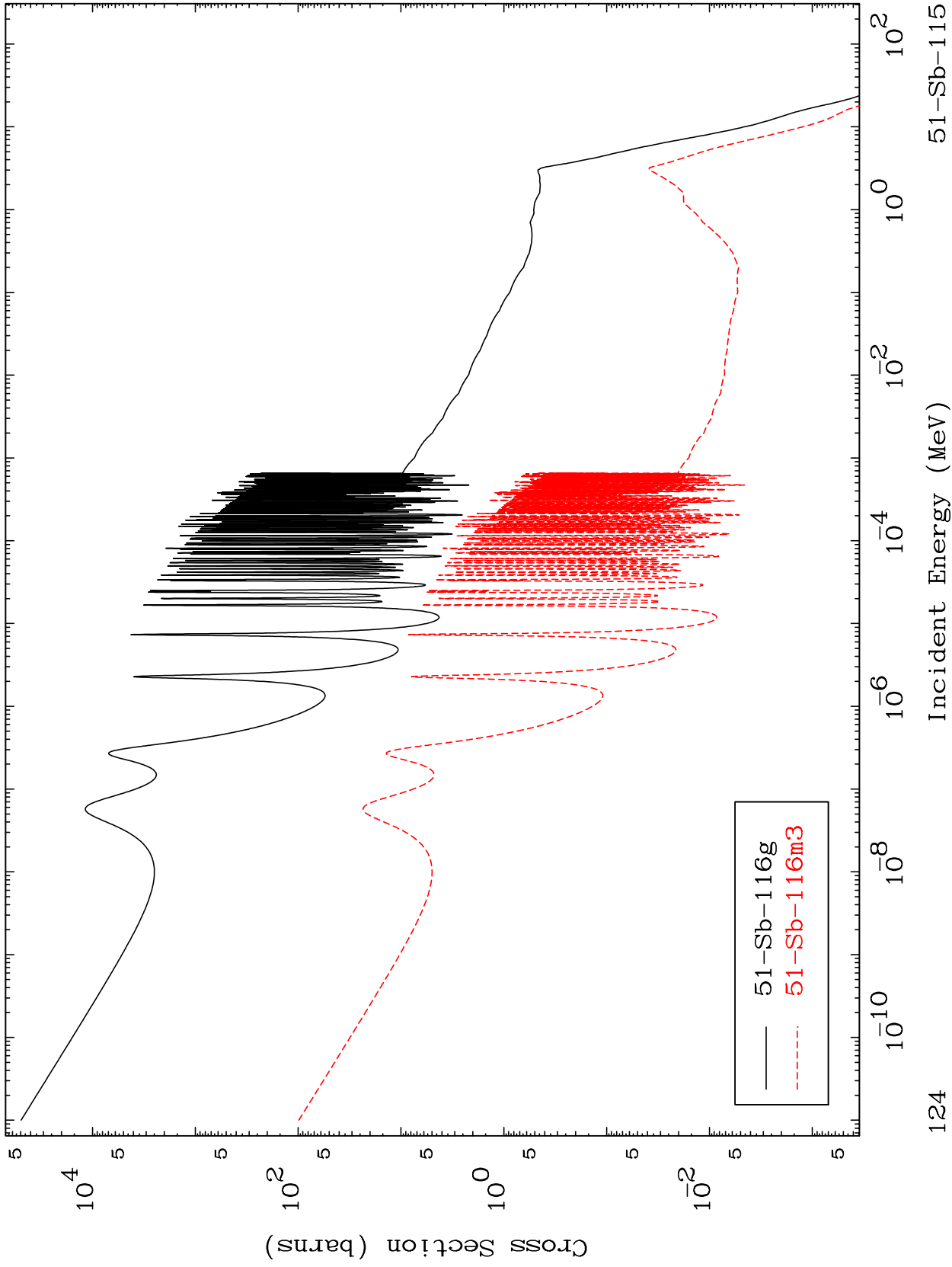
Incident Energy (MeV)

51-Sb-115

MAT 5107

51-Sb-115

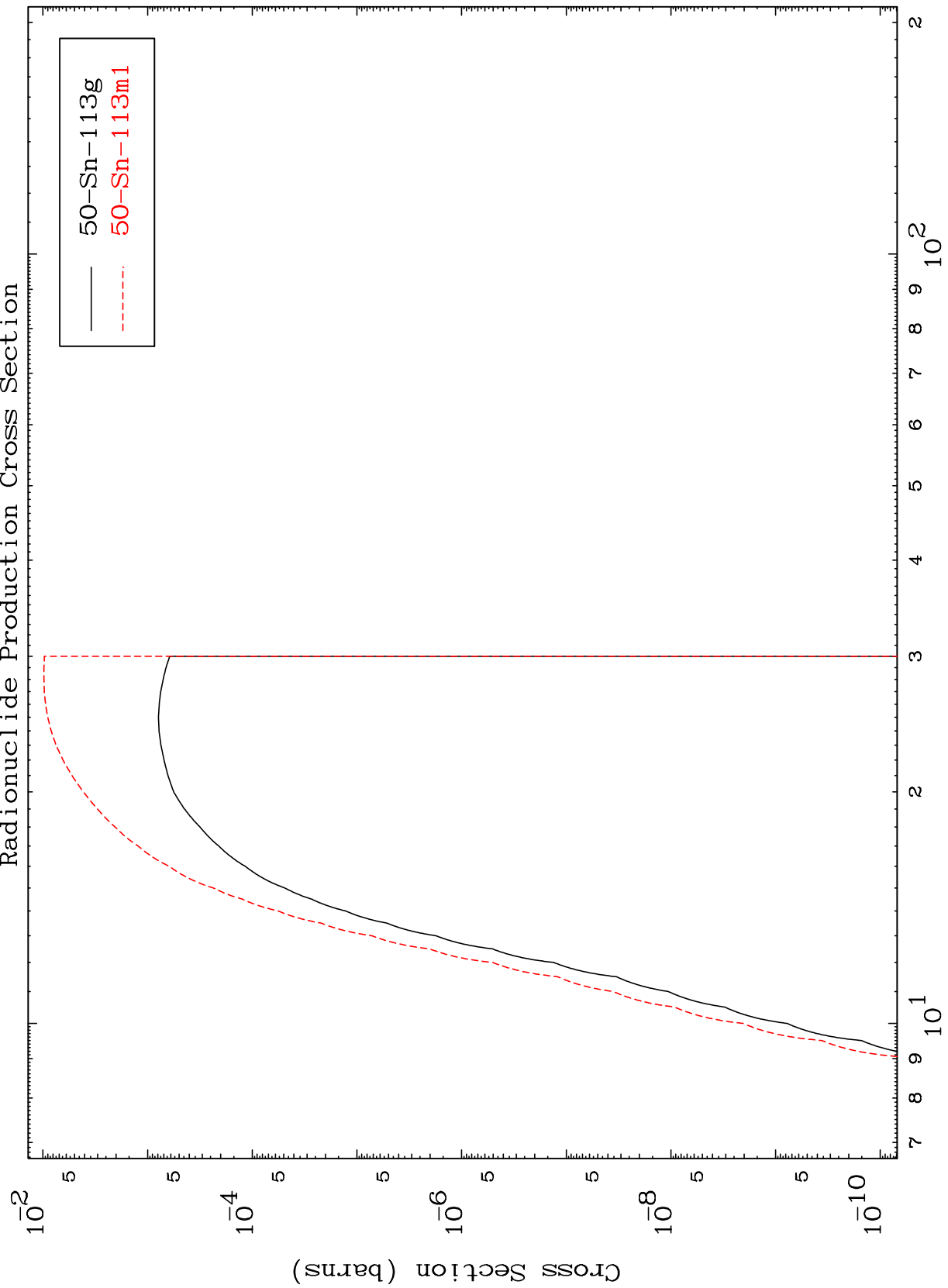
(n, γ)
Radionuclide Production Cross Section



MAT 5107

51-Sb-115

(n,t)
Radionuclide Production Cross Section



125

Incident Energy (MeV)

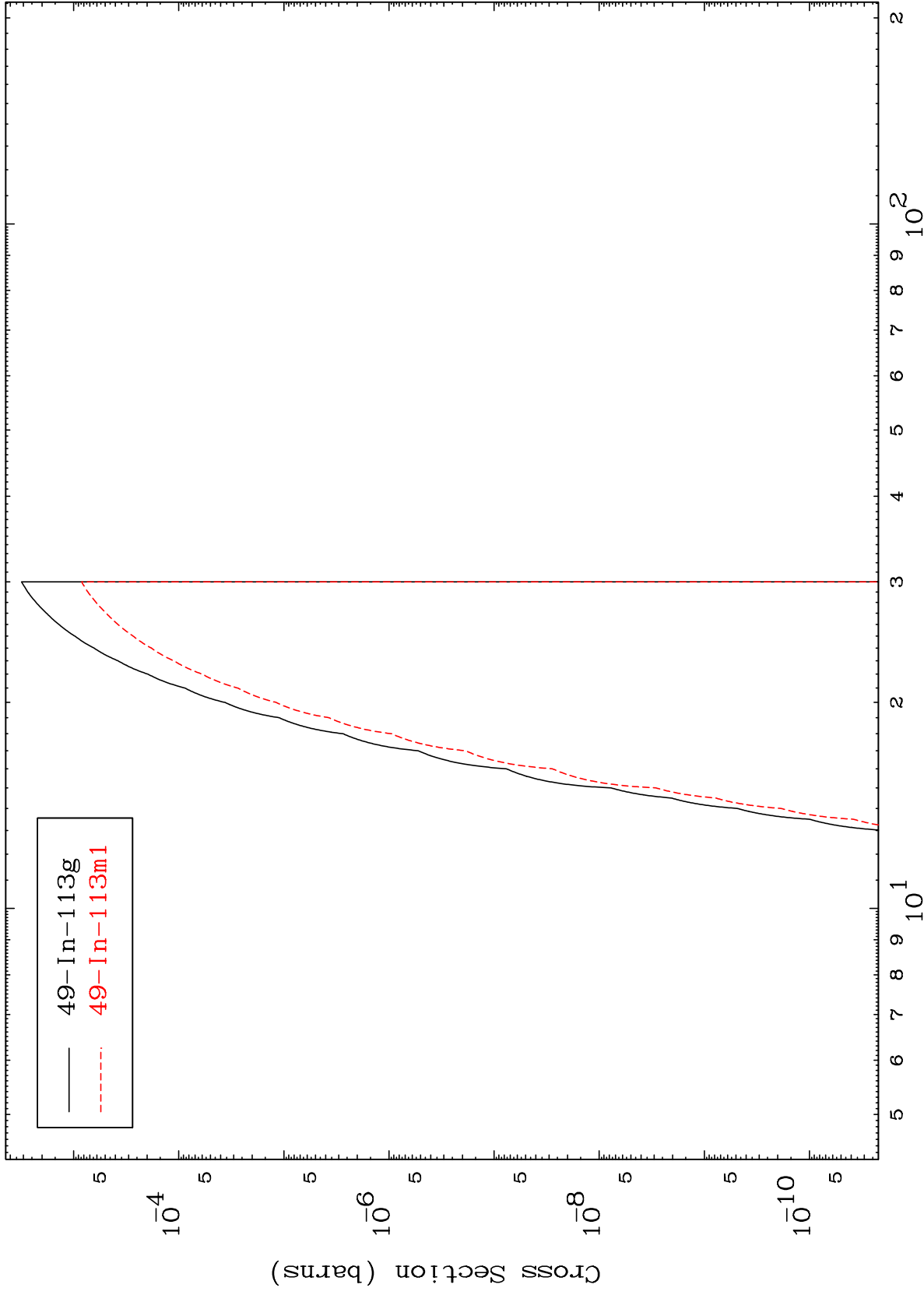
51-Sb-115

MAT 5107

(n,He-3)

51-Sb-115

Radionuclide Production Cross Section



126

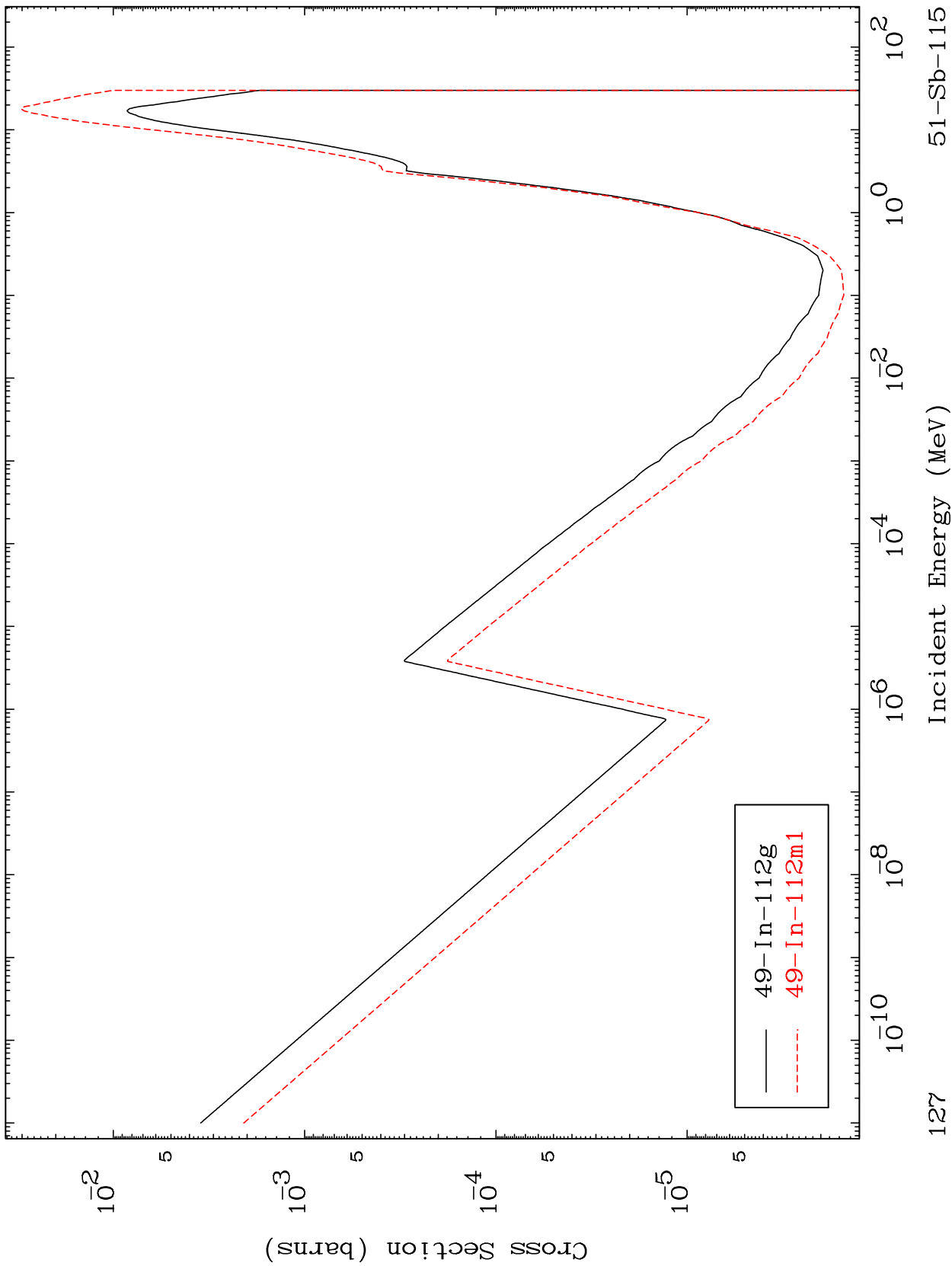
Incident Energy (MeV)

51-Sb-115

MAT 5107

51-Sb-115

Radionuclide Production Cross Section
(n, α)



127

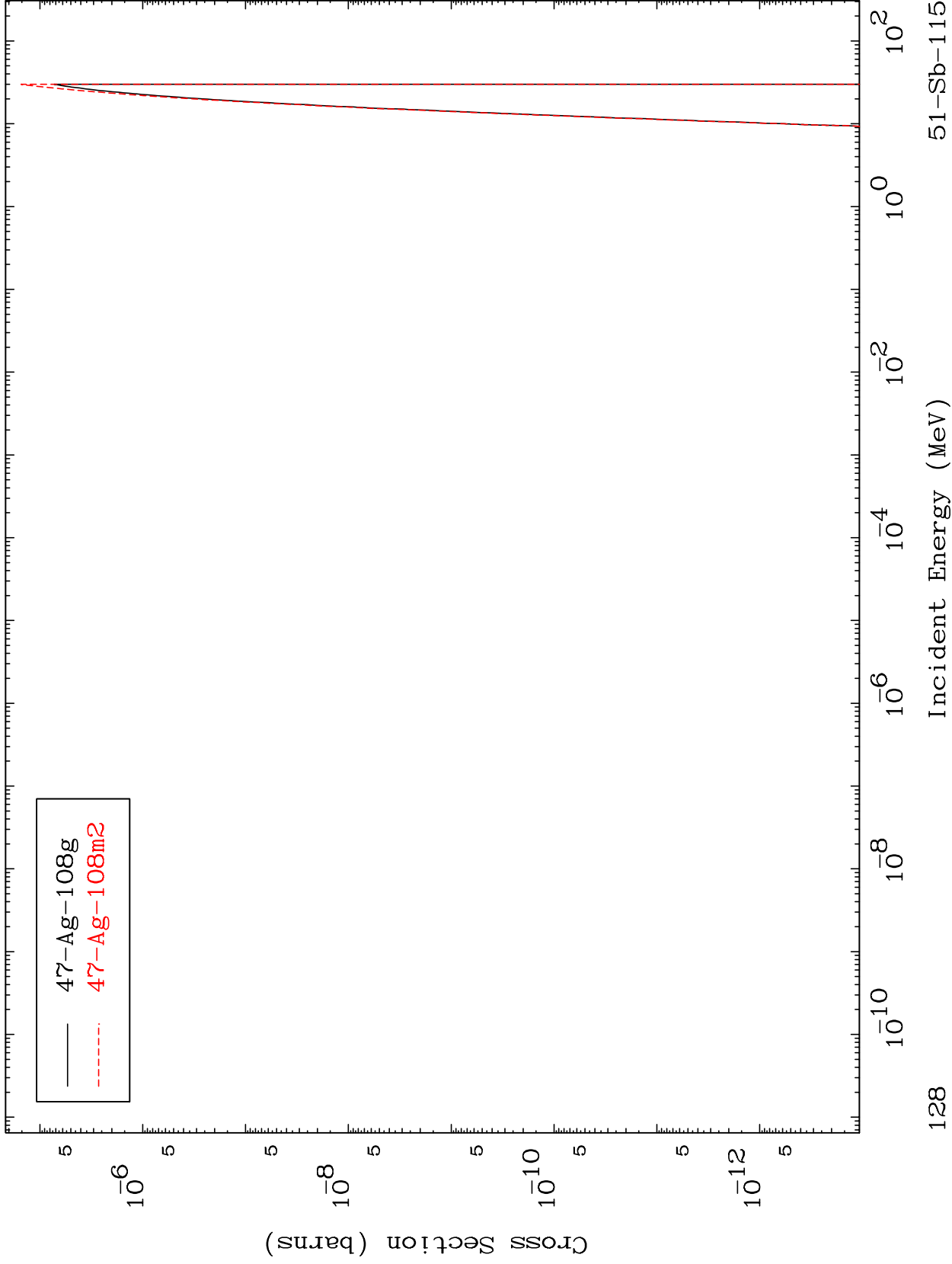
51-Sb-115

MAT 5107

(n,2α)

51-Sb-115

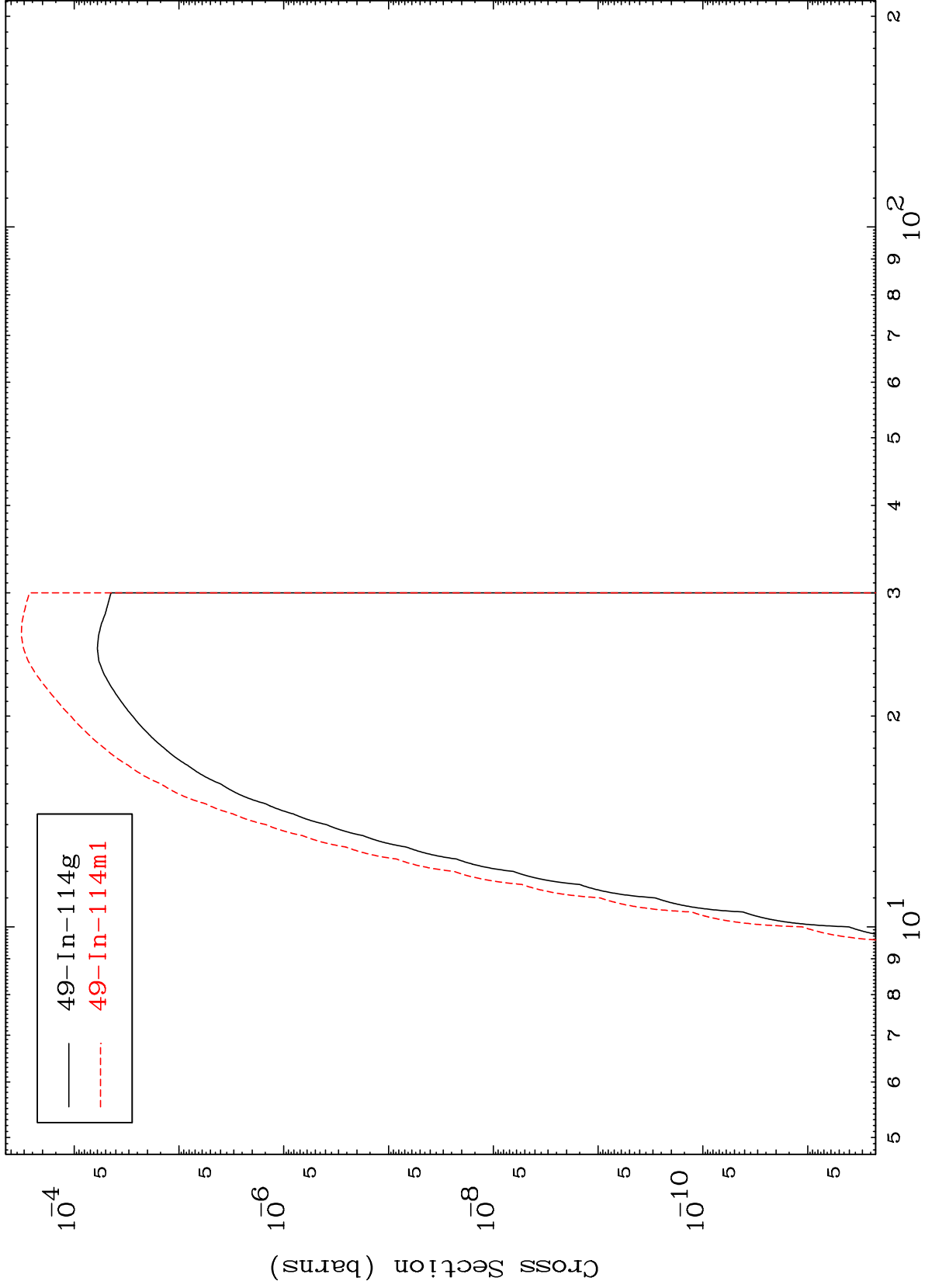
Radionuclide Production Cross Section



MAT 5107

51-Sb-115

(n,2p)
Radionuclide Production Cross Section



129

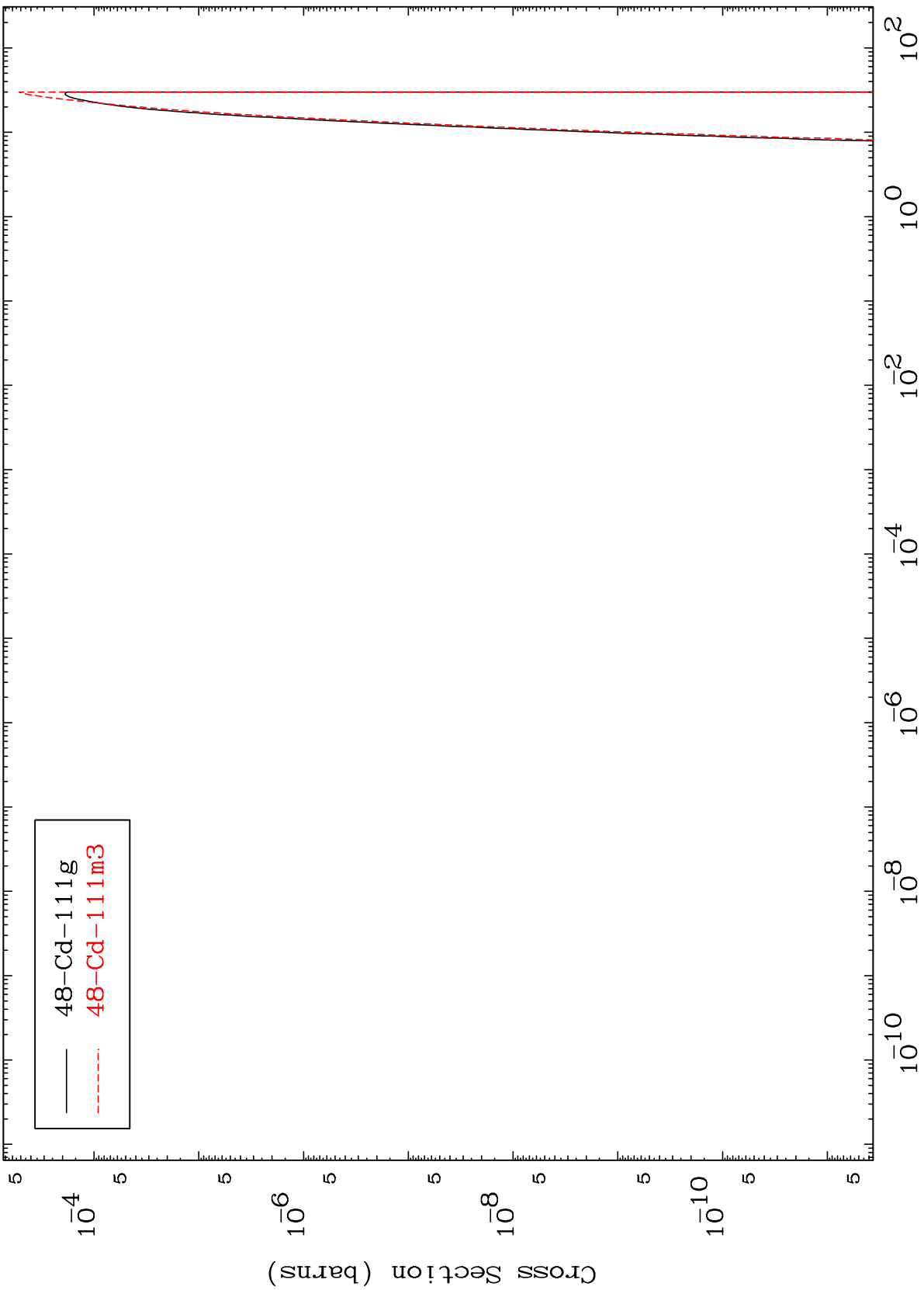
51-Sb-115

MAT 5107

(n,p) α

51-Sb-115

Radionuclide Production Cross Section

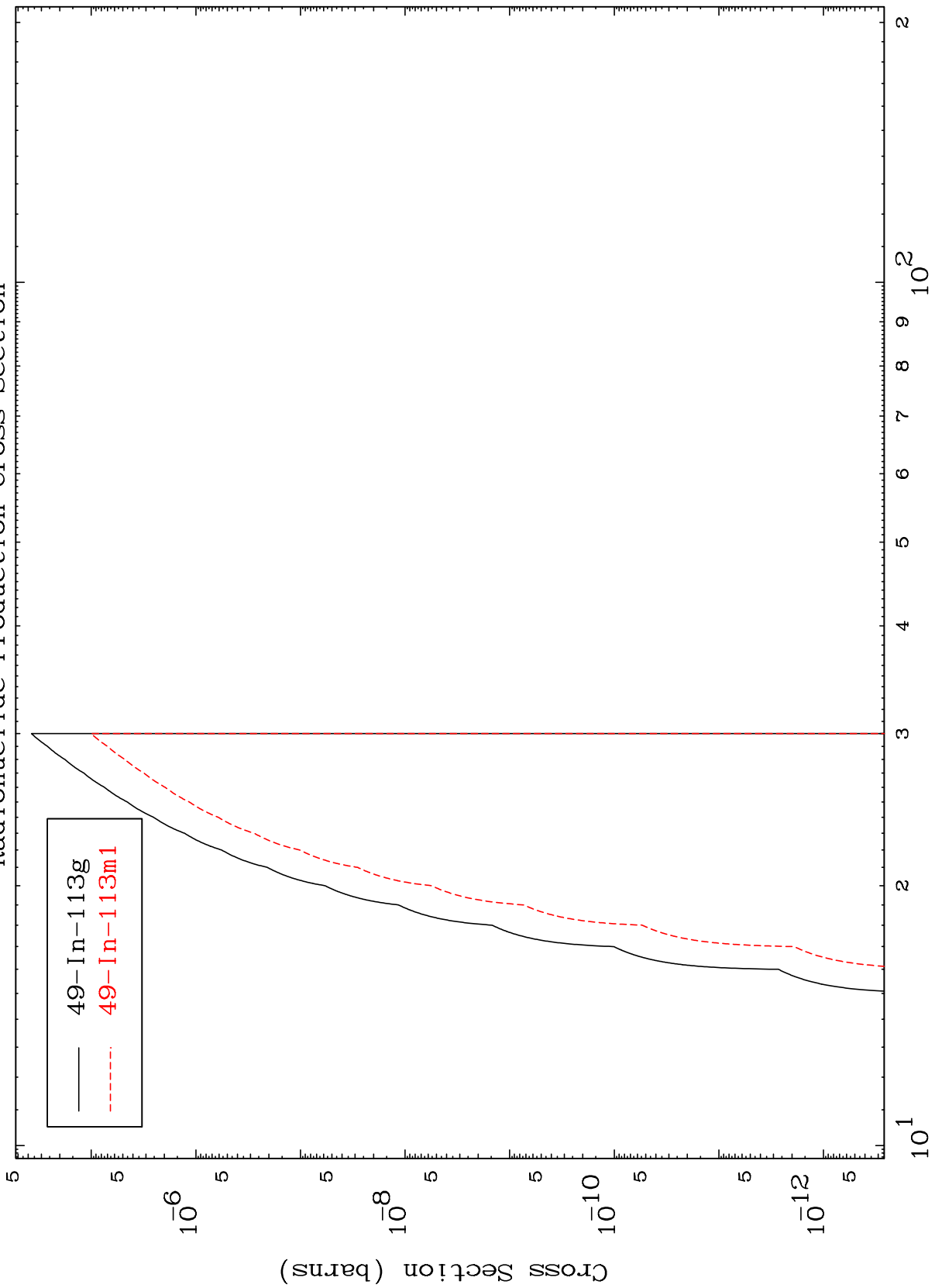


MAT 5107

(n,p) d

51-Sb-115

Radionuclide Production Cross Section



— 49-In-113g
- - - 49-In-113m1

Incident Energy (MeV)

51-Sb-115

131

Radionuclide Production Cross Section

