

Program EVALPLOT
(Version 2015-2)

by

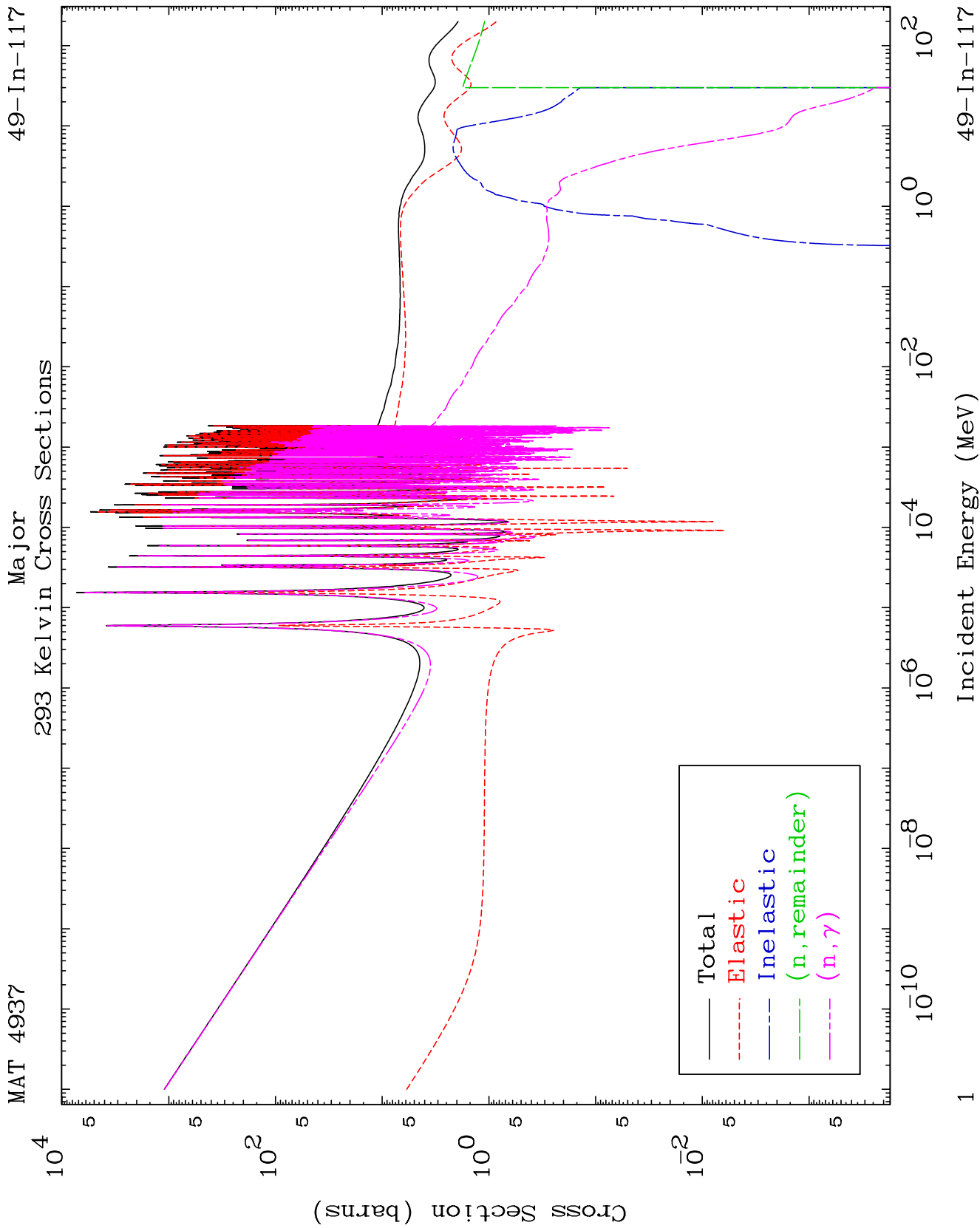
Dermott E. Cullen
(Present Contact Information)

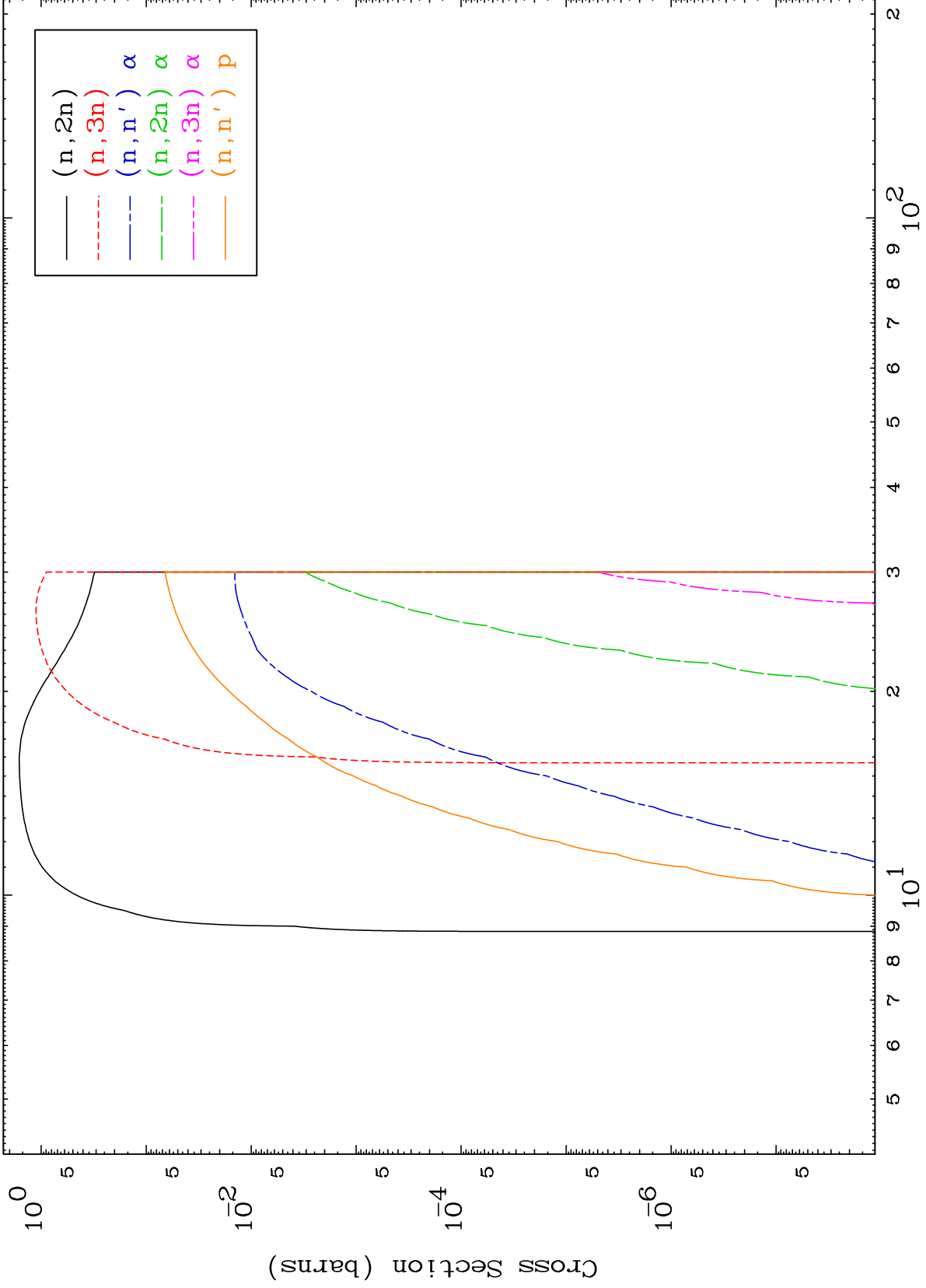
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

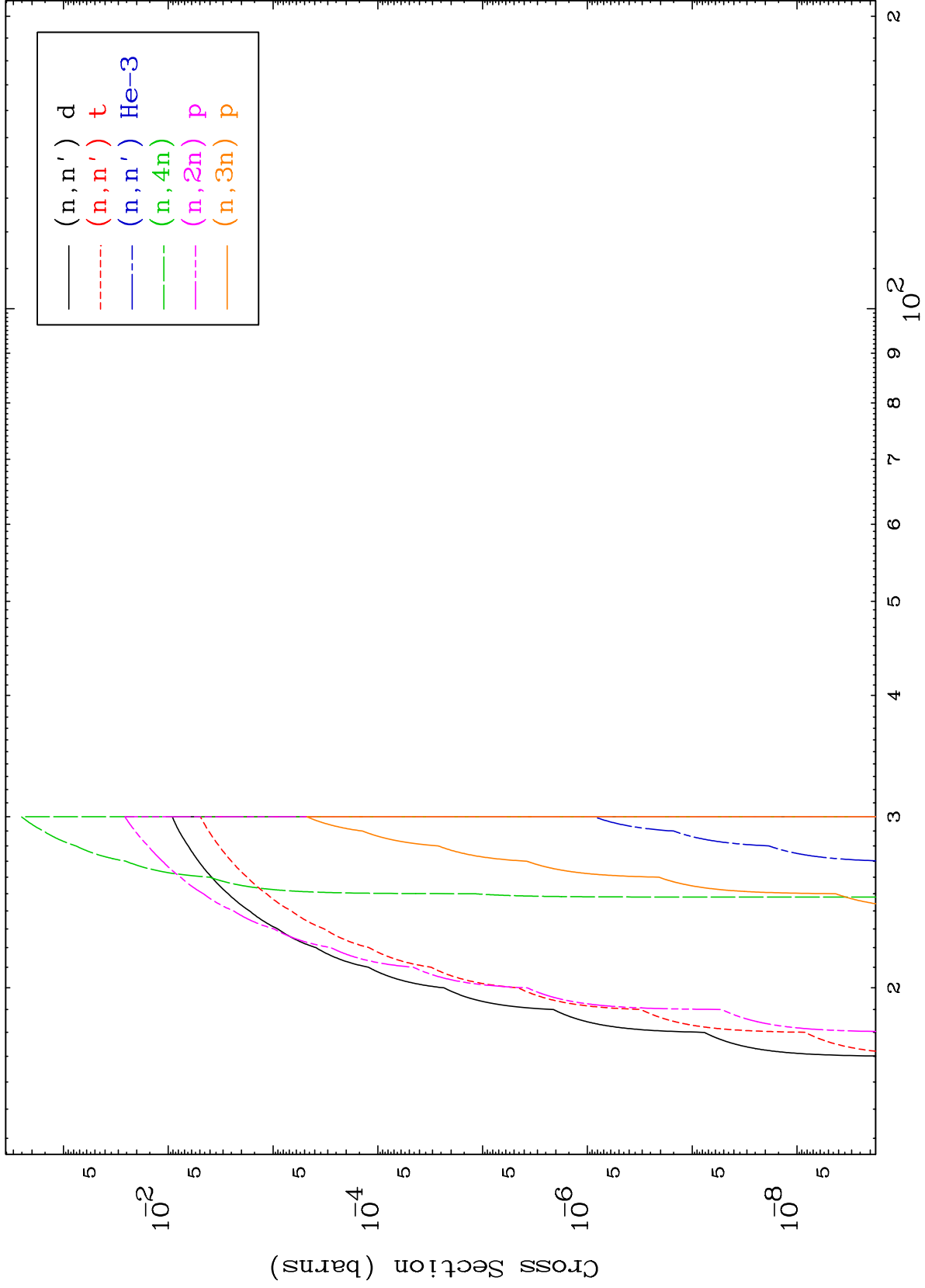
Tele: 925-443-1911

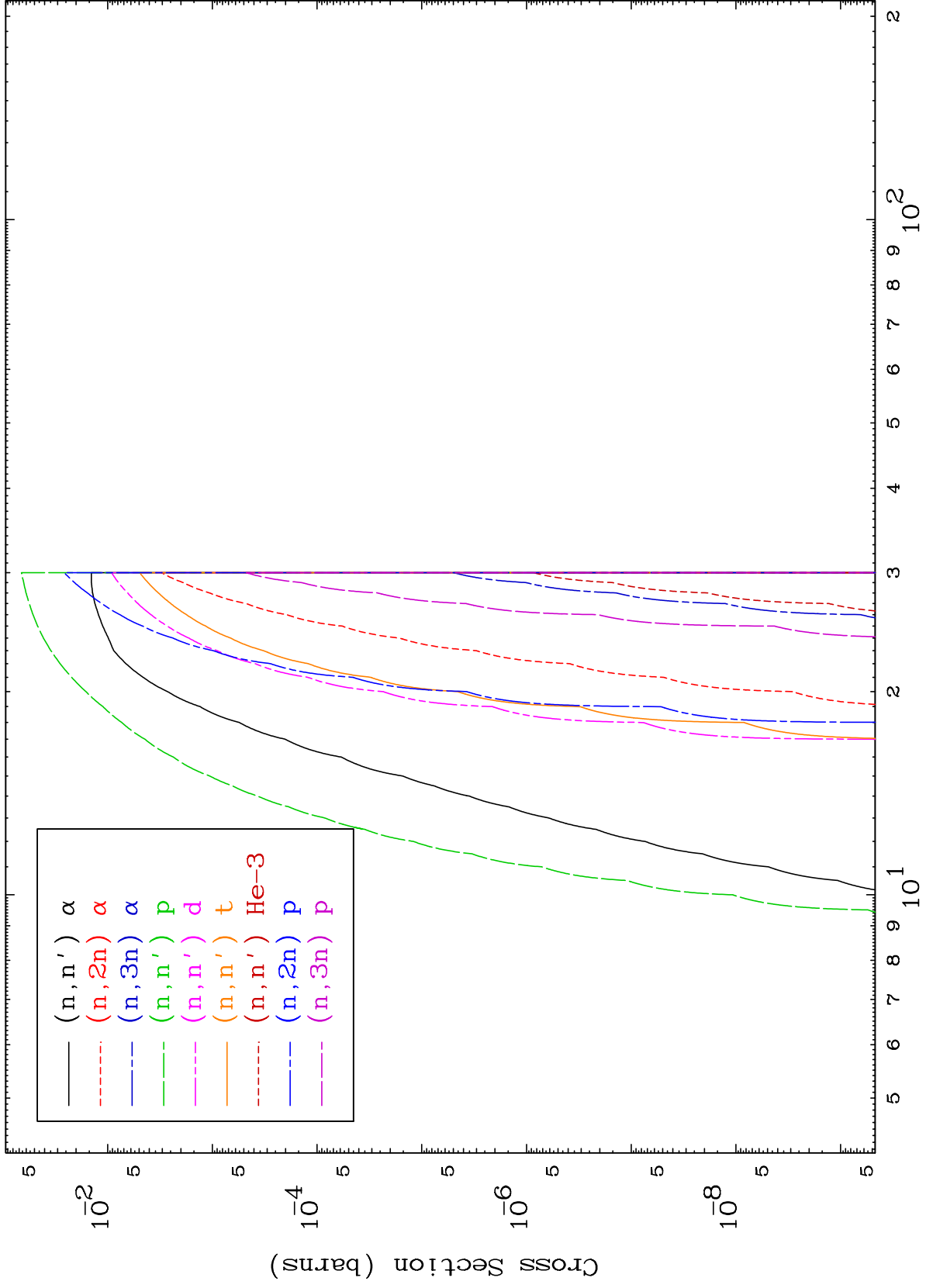
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start





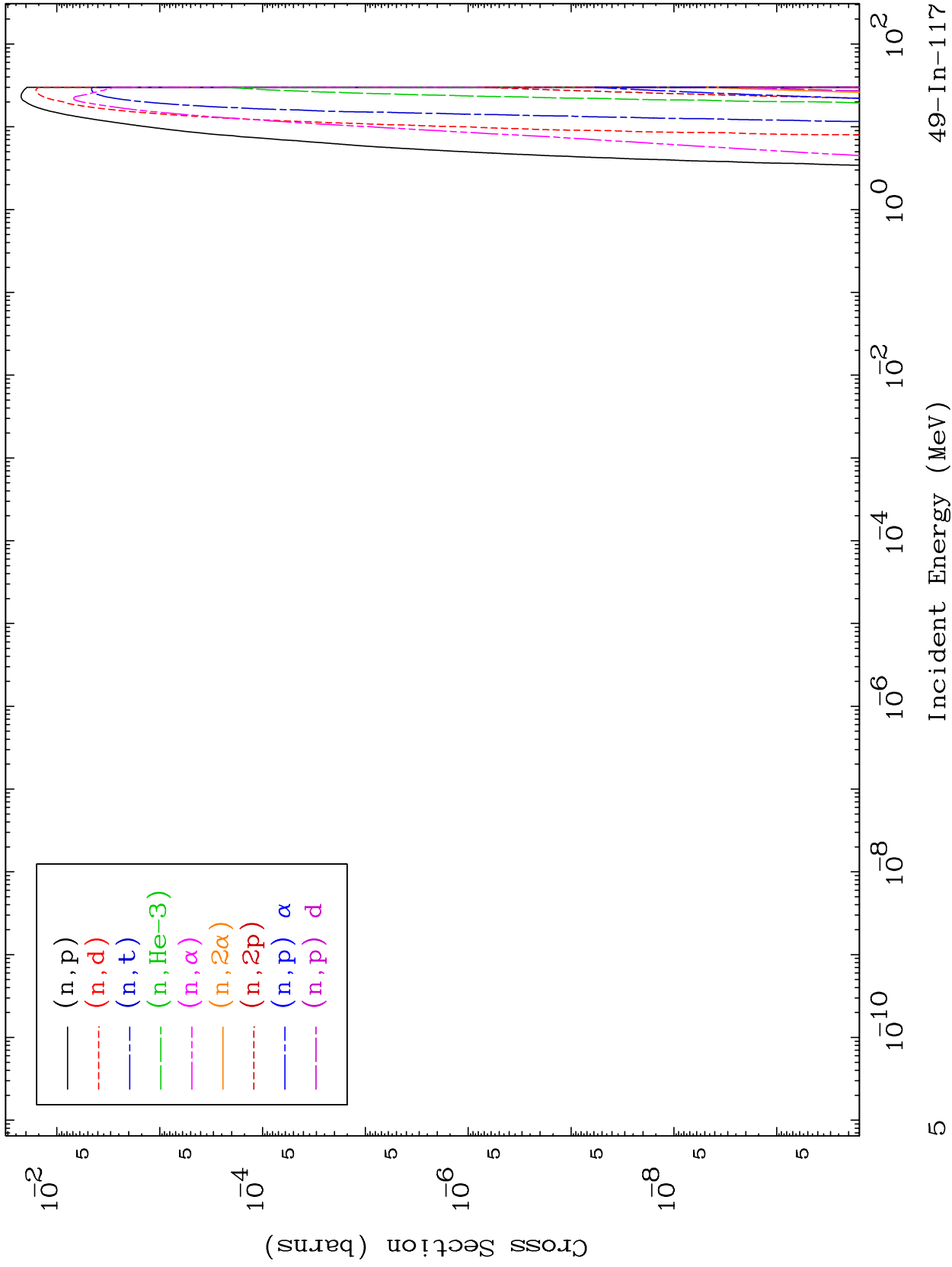


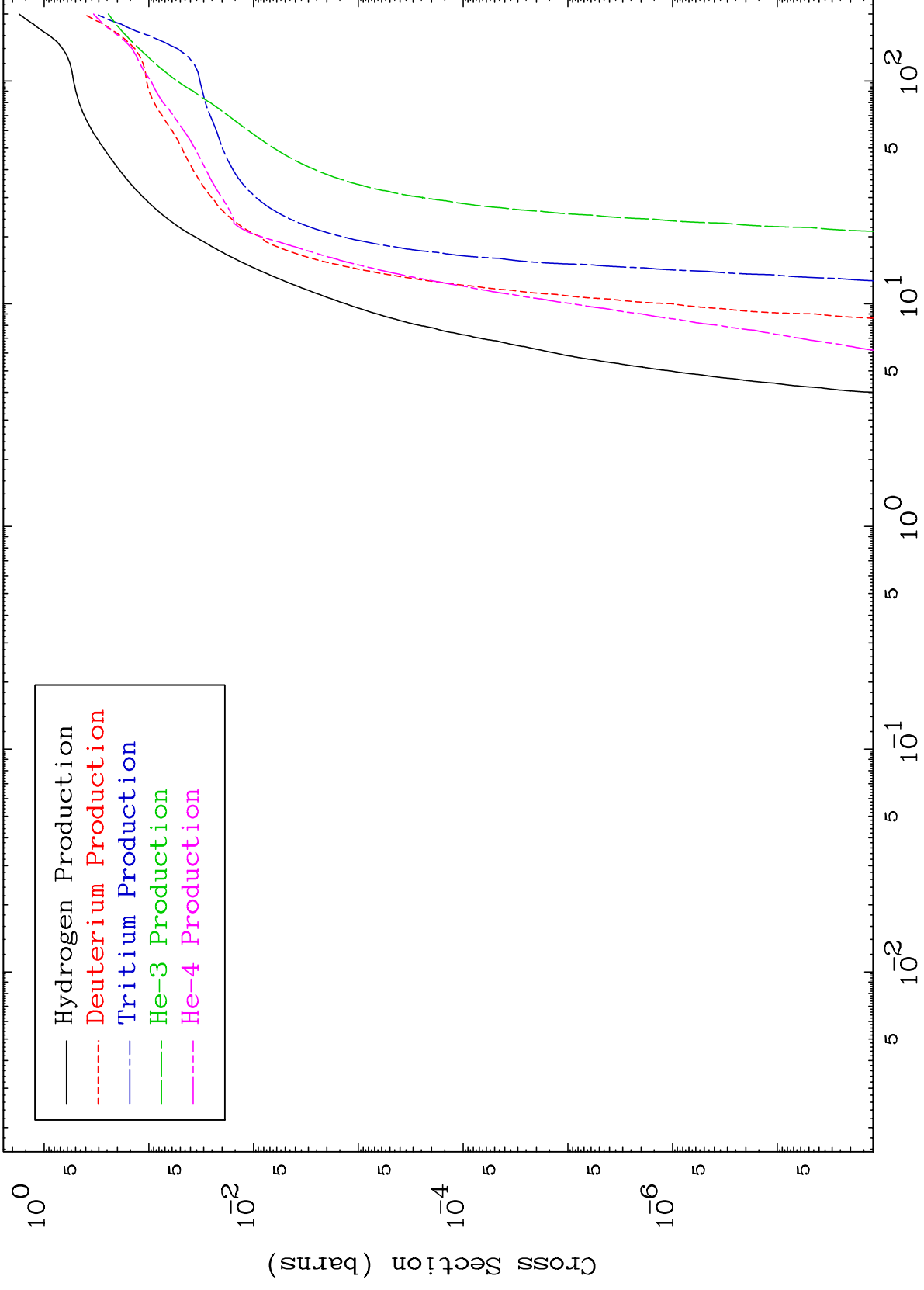


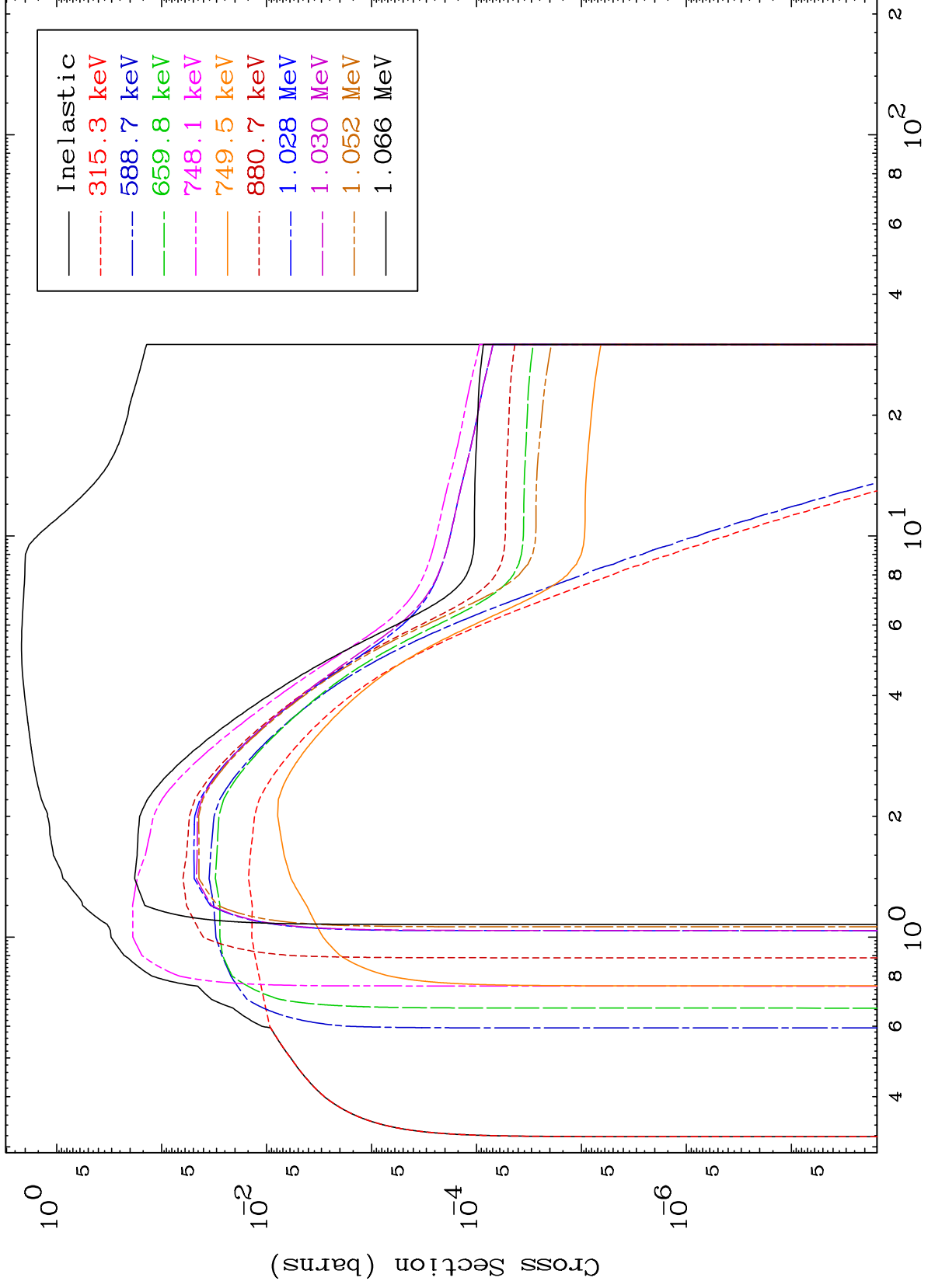
MAT 4937

Charged Particle
293 Kelvin Cross Sections

49-In-117



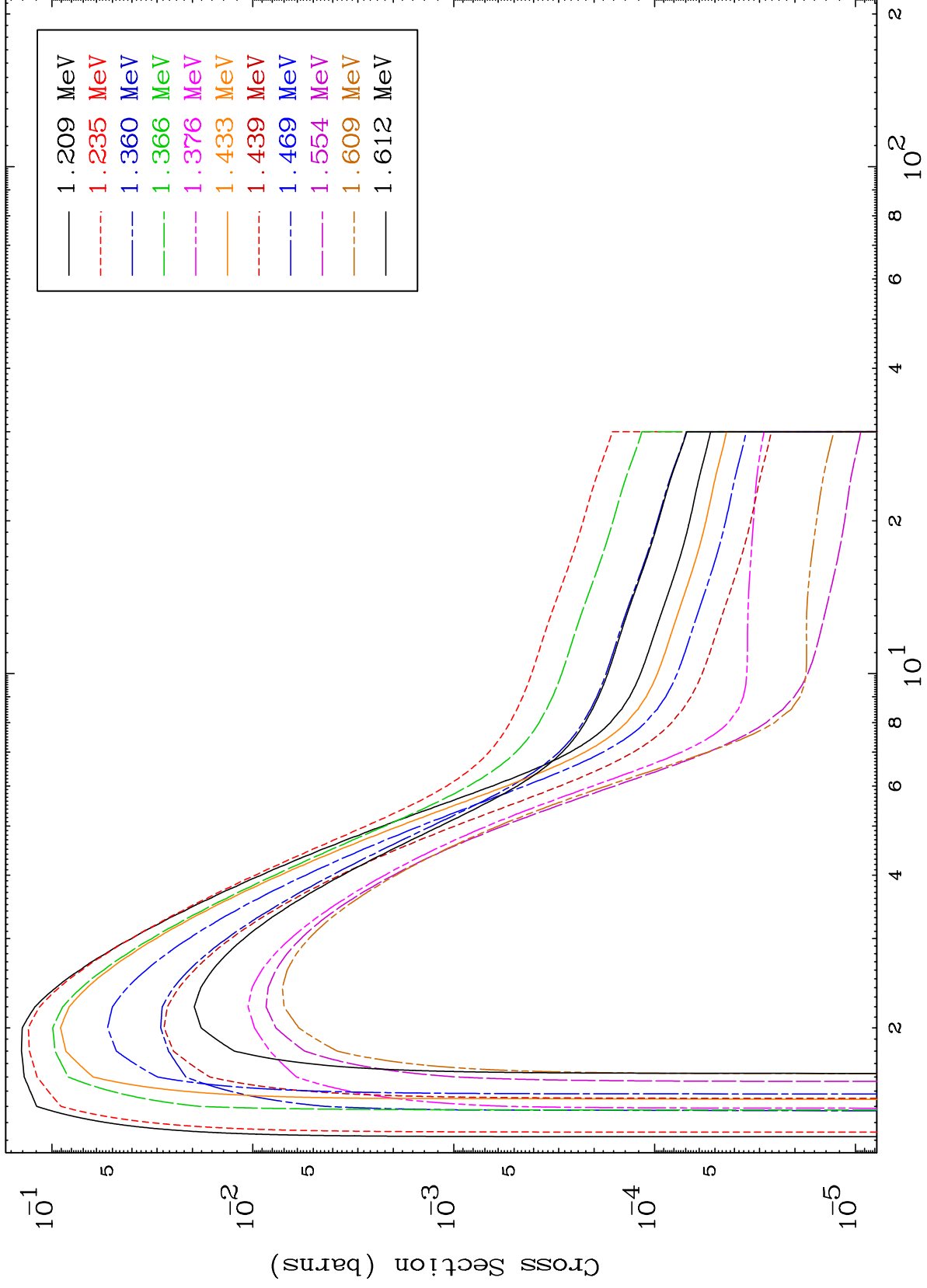




MAT 4937

(n,n') Level
293 Kelvin Cross Sections

49-In-117



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Incident Energy (MeV)

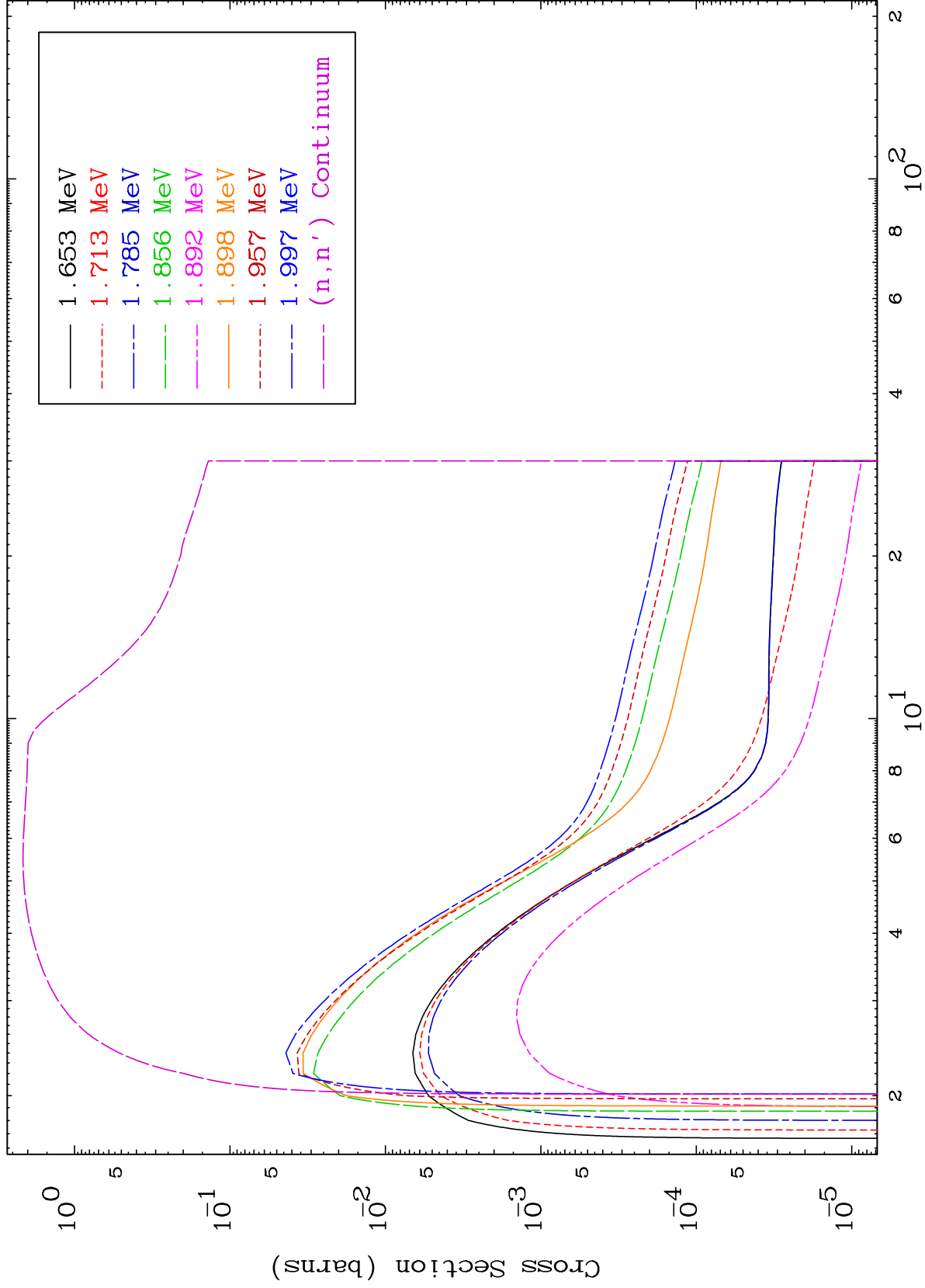
49-In-117

MAT 4937

(n,n') Level

293 Kelvin Cross Sections

49-In-117



9

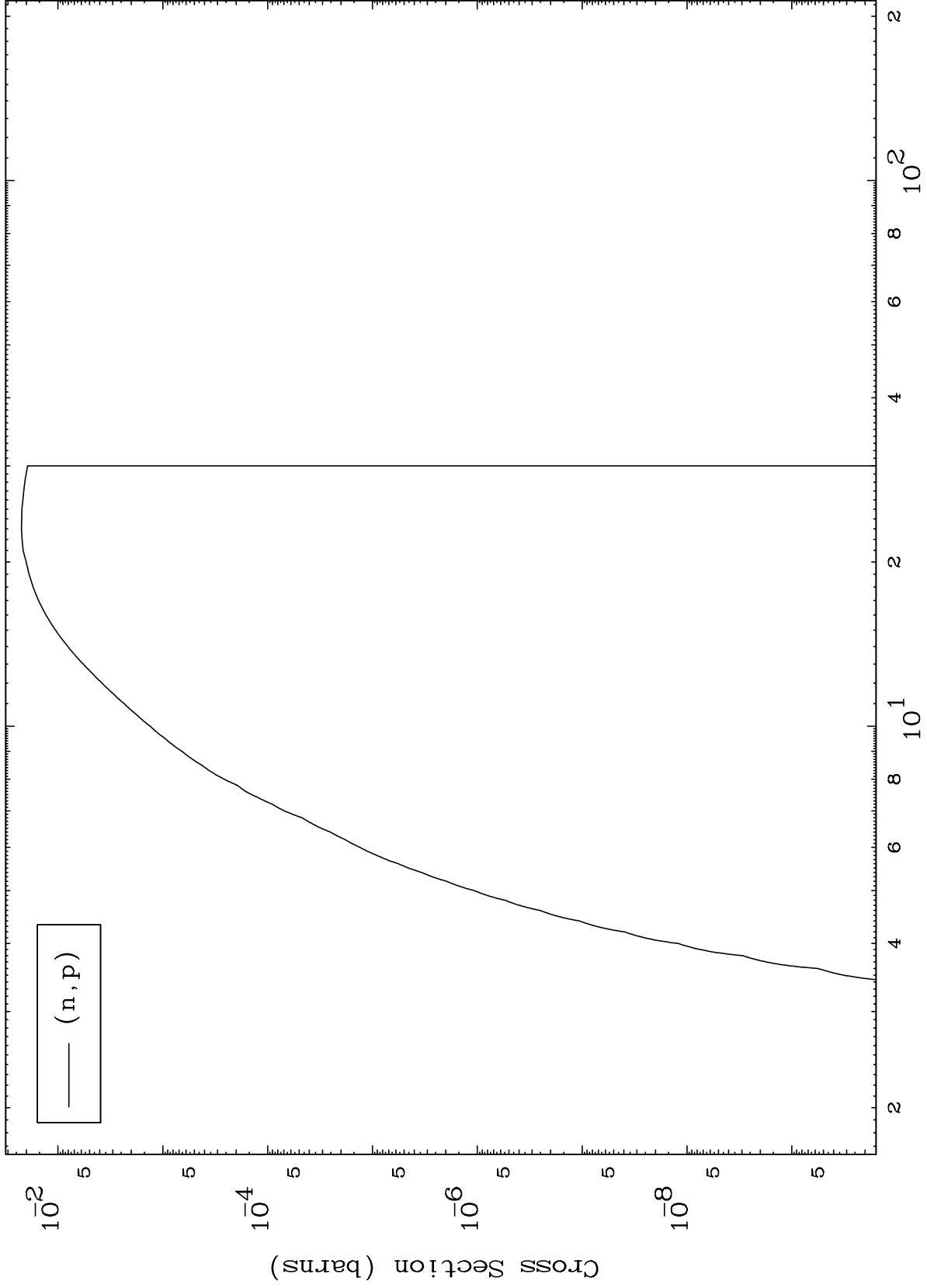
Incident Energy (MeV)

49-In-117

MAT 4937

(n,p) Levels
293 Kelvin Cross Sections

49-In-117



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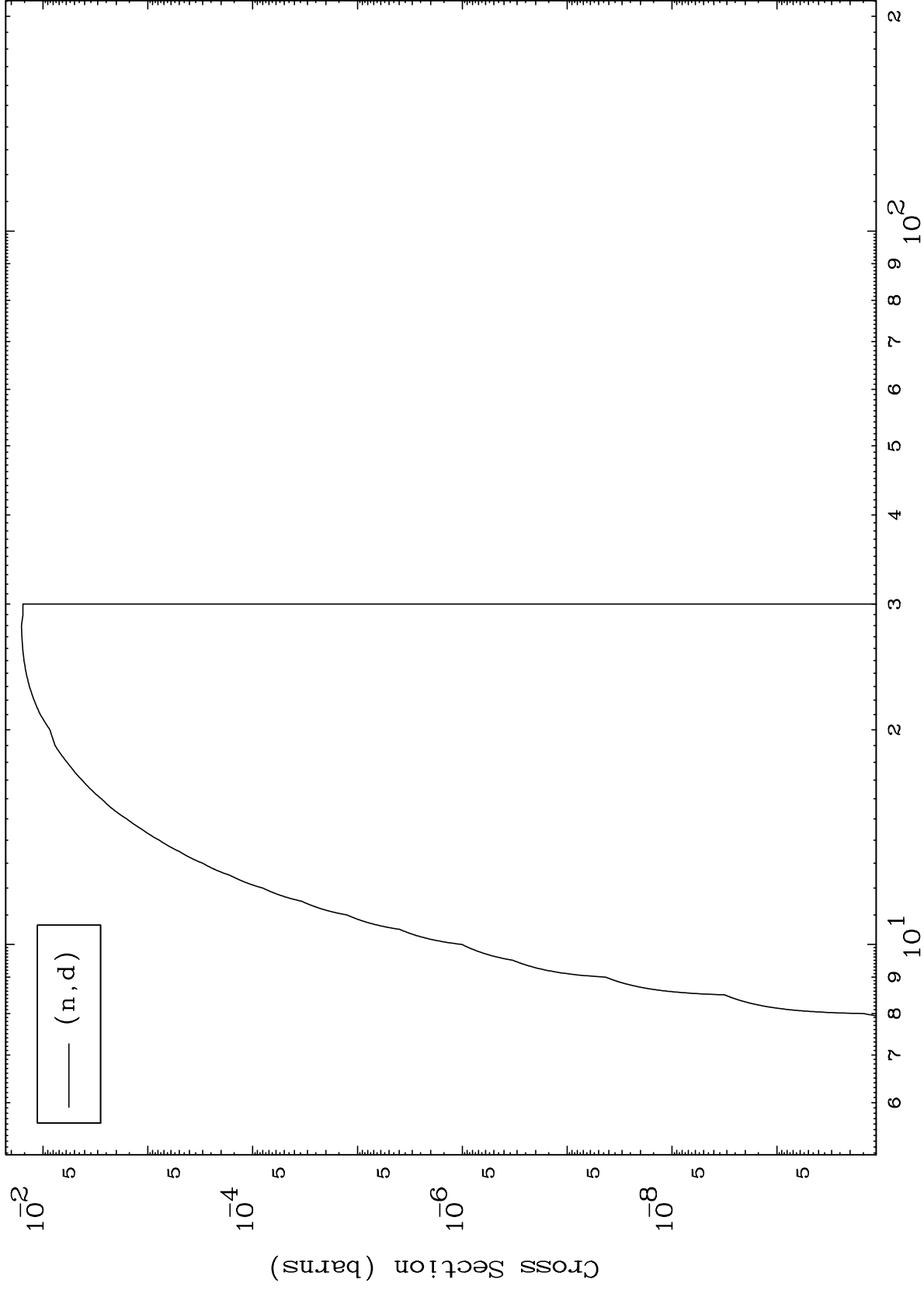
Incident Energy (MeV)

49-In-117

MAT 4937

(n,d) Levels
293 Kelvin Cross Sections

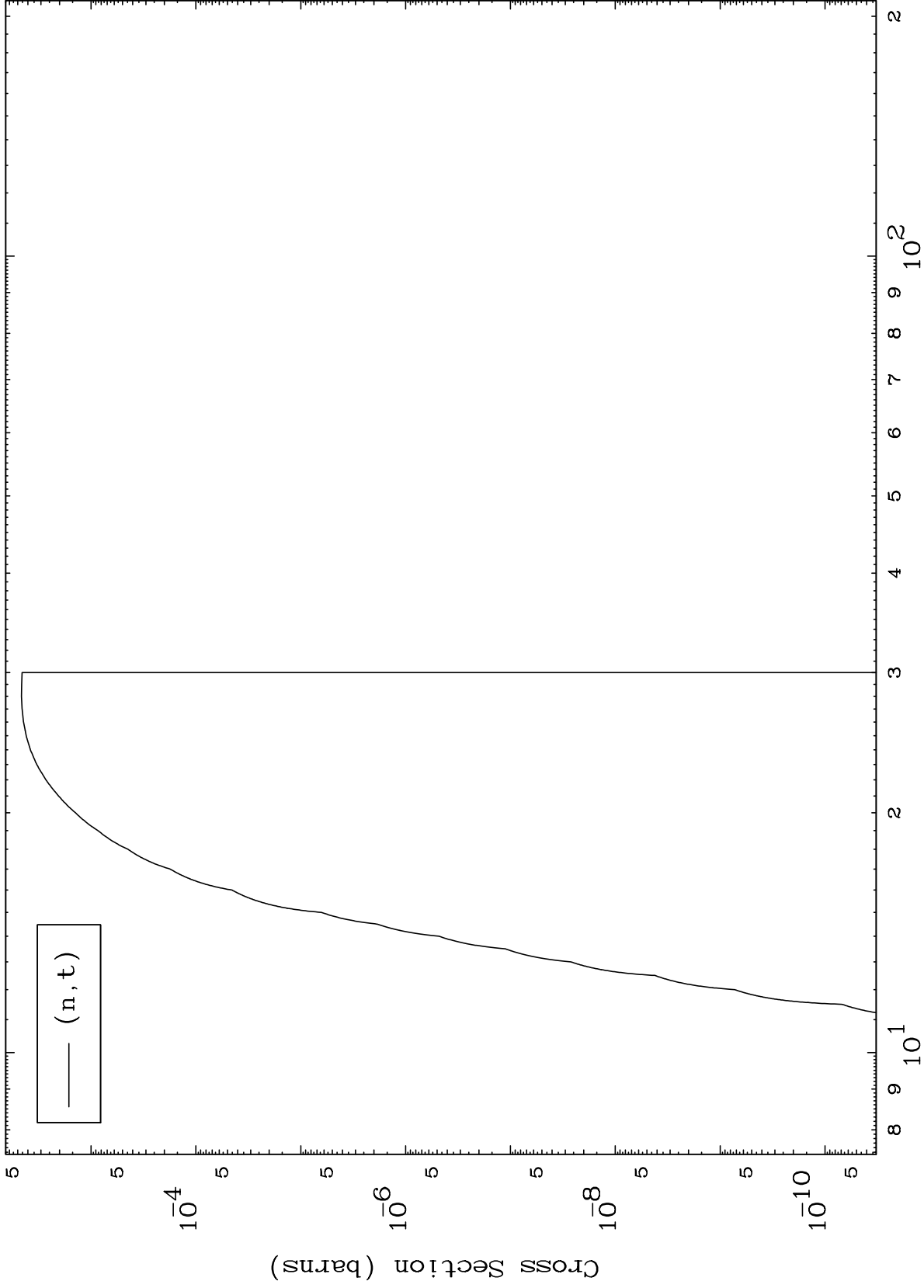
49-In-117



MAT 4937

(n,t) Levels
293 Kelvin Cross Sections

49-In-117



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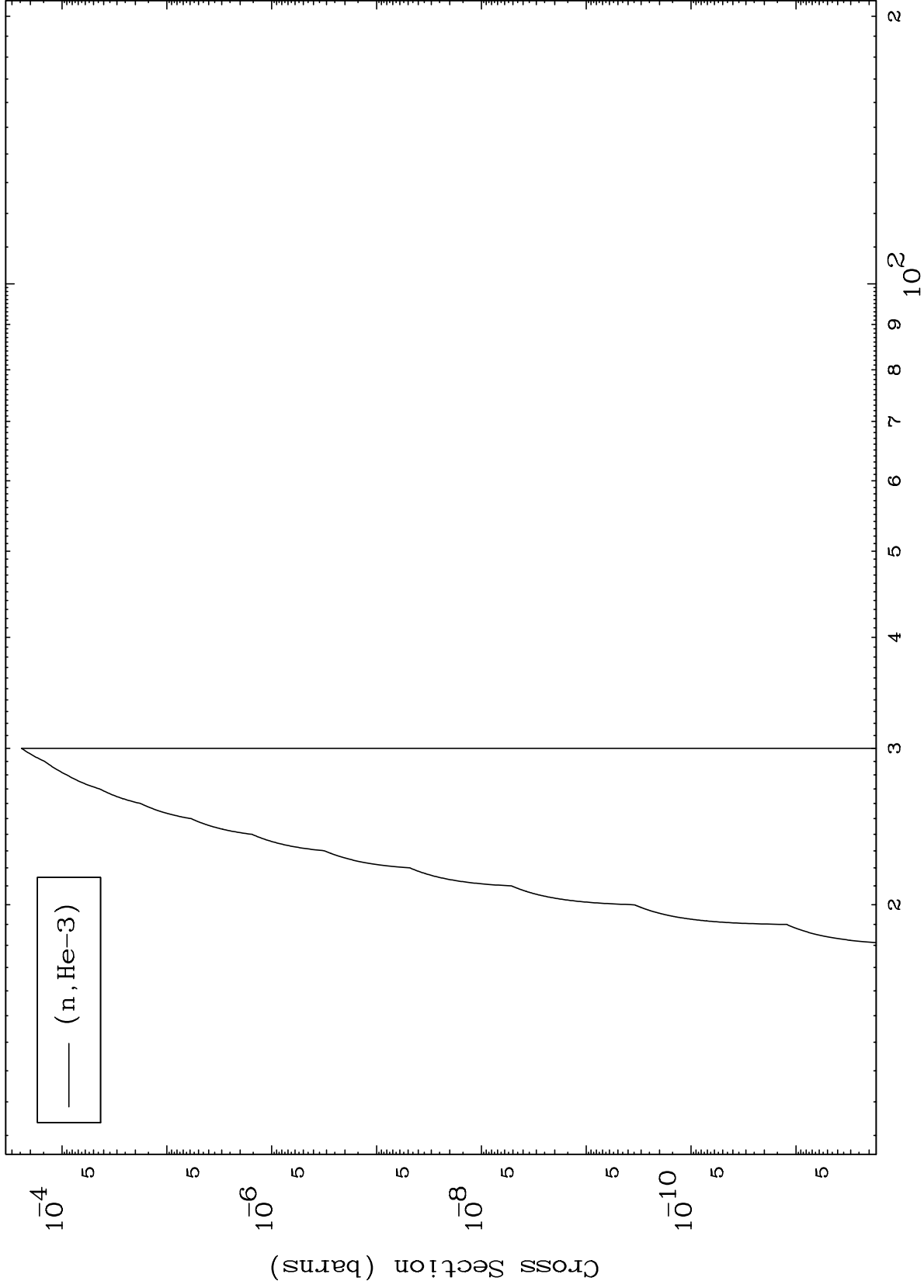
Incident Energy (MeV)

49-In-117

MAT 4937

(n,He3) Levels
293 Kelvin Cross Sections

49-In-117



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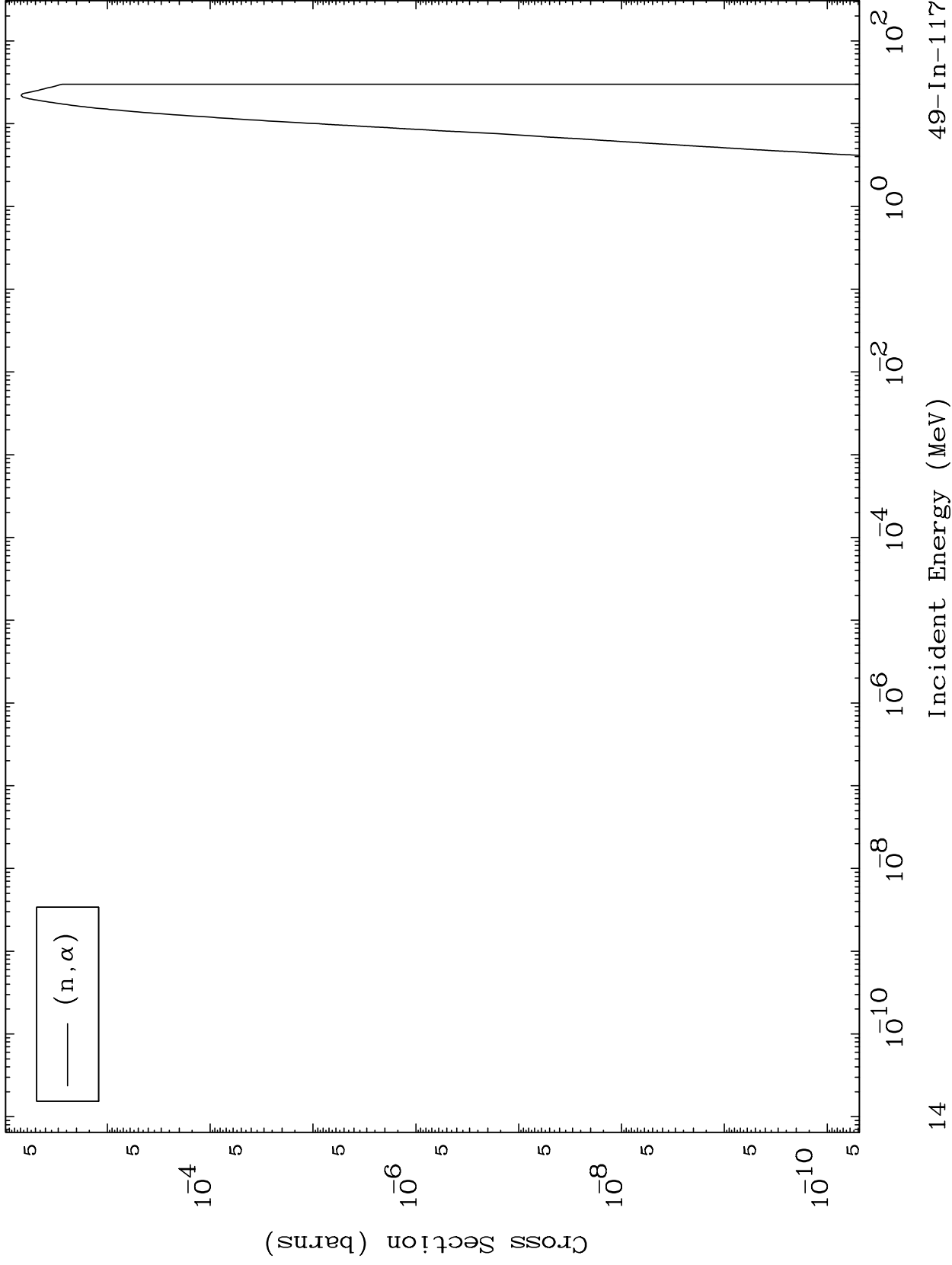
Incident Energy (MeV)

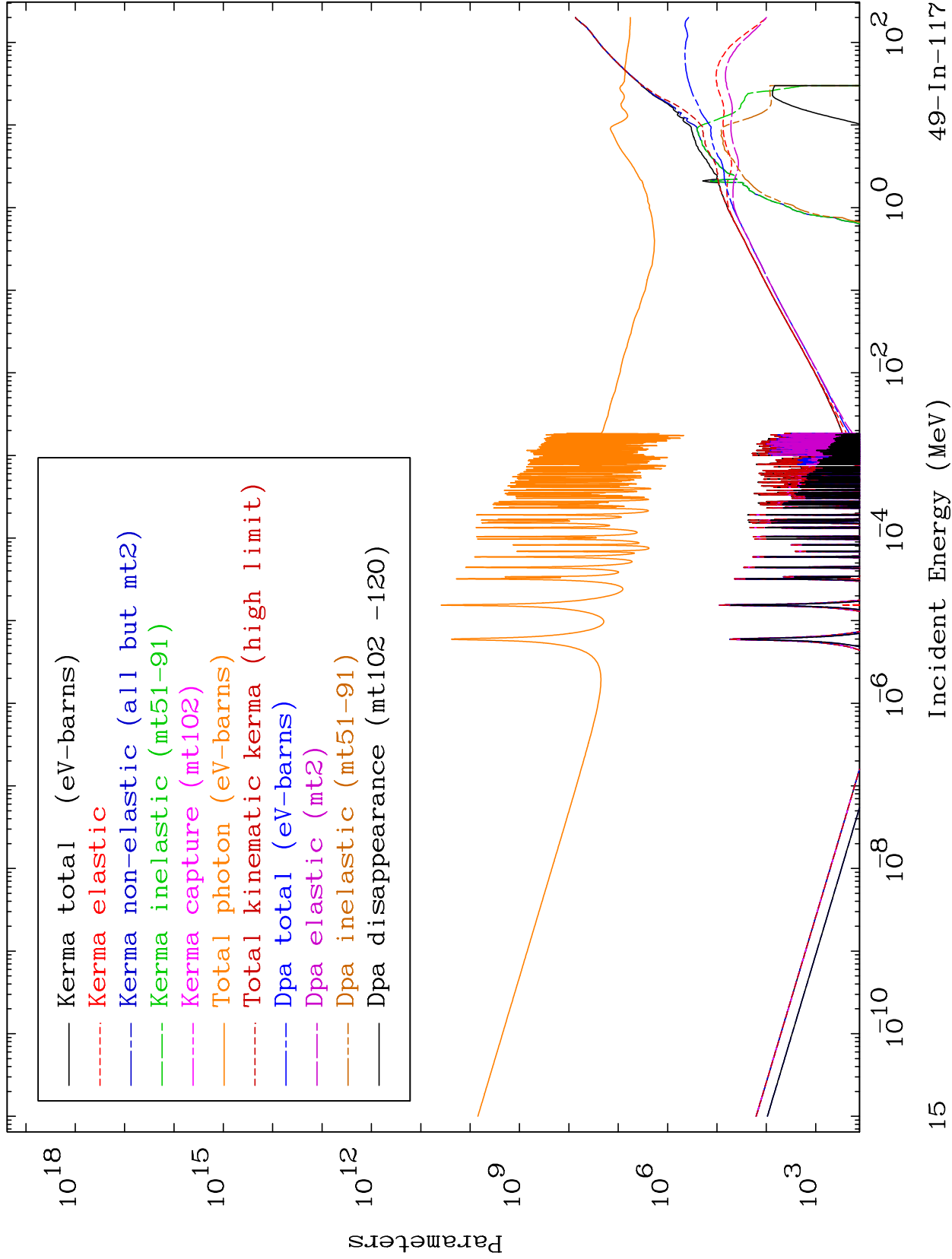
49-In-117

MAT 4937

(n, α) Levels
293 Kelvin Cross Sections

49-In-117

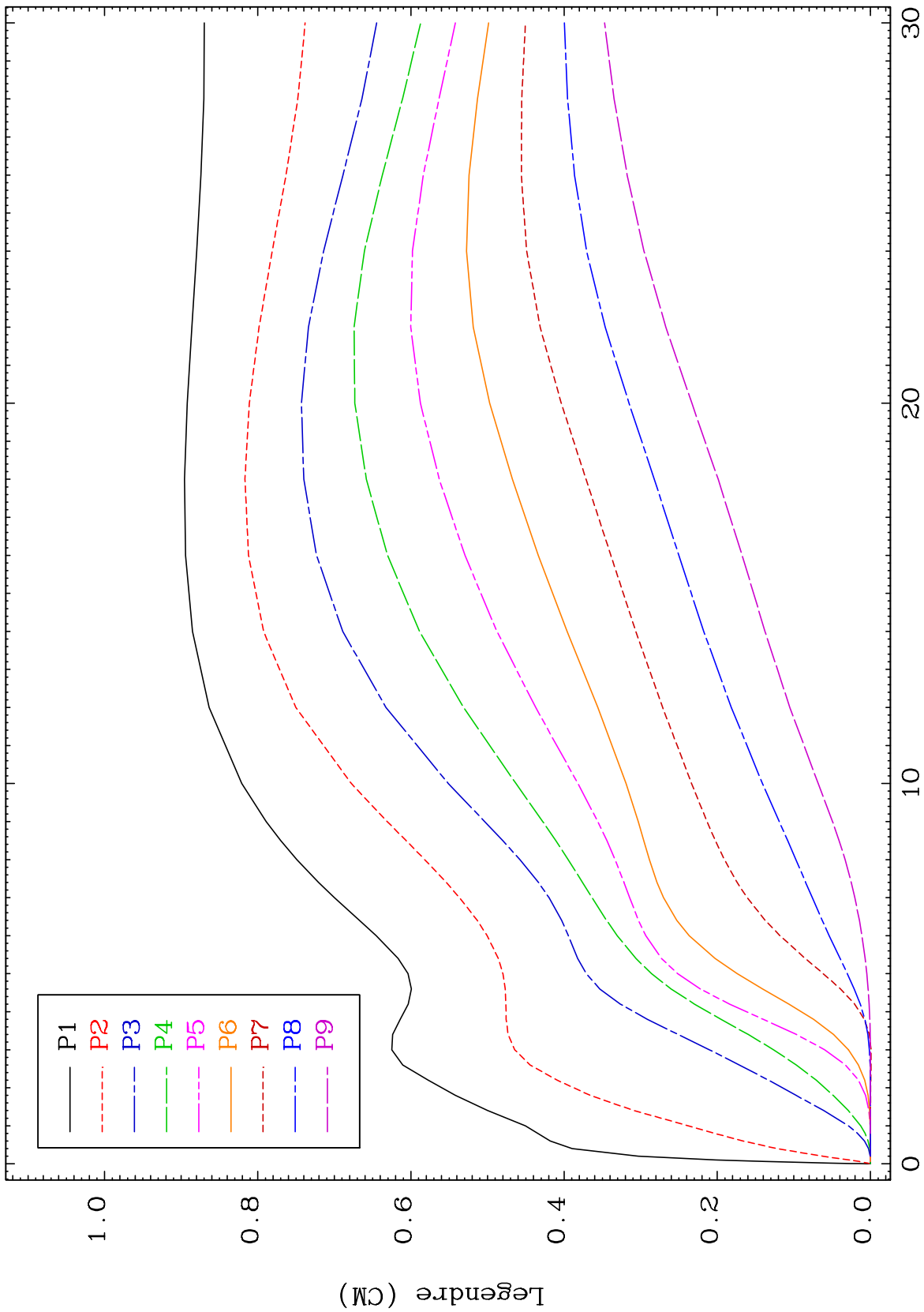




MAT 4937

Elastic Legendre Coefficients

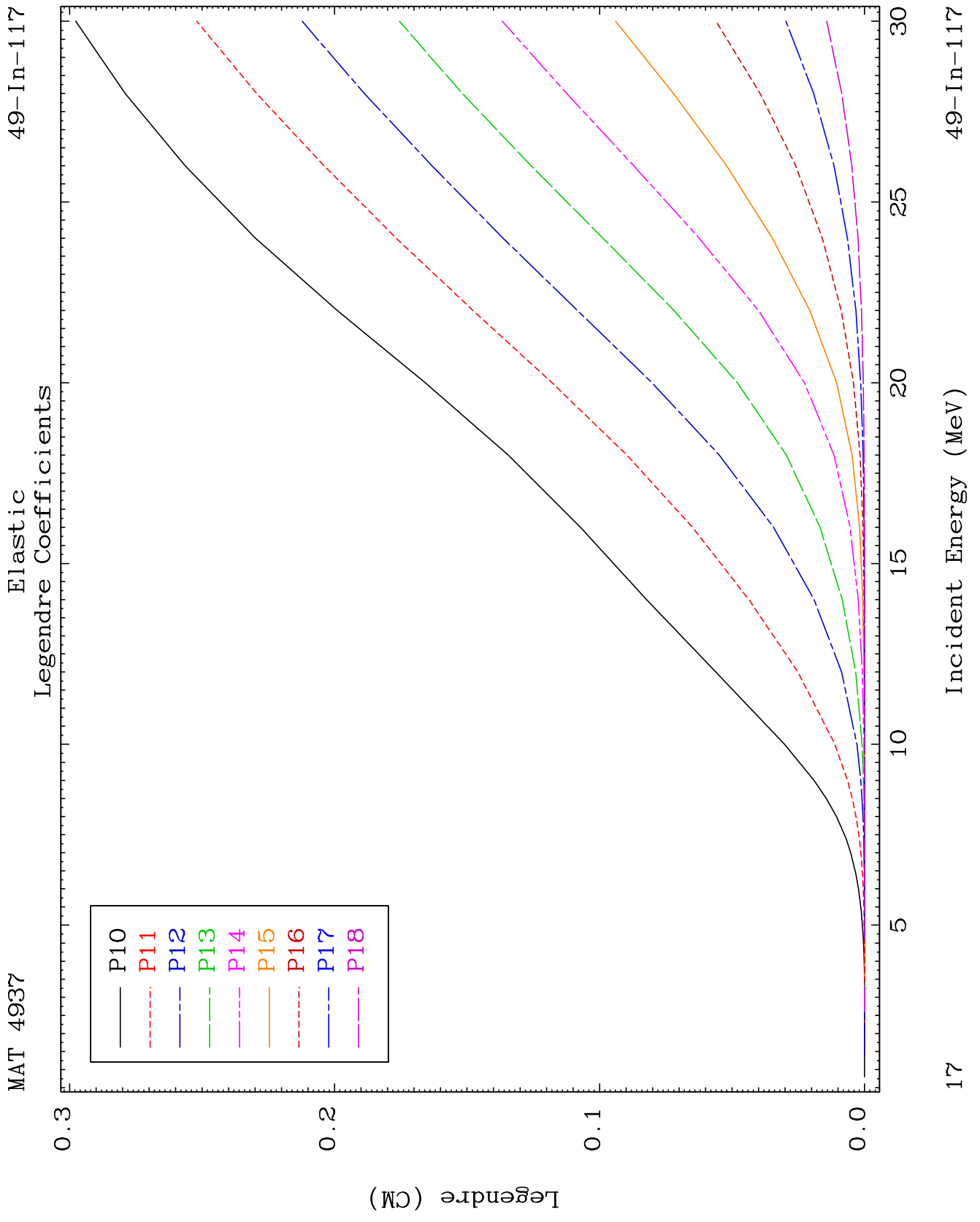
49-In-117



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Incident Energy (MeV)

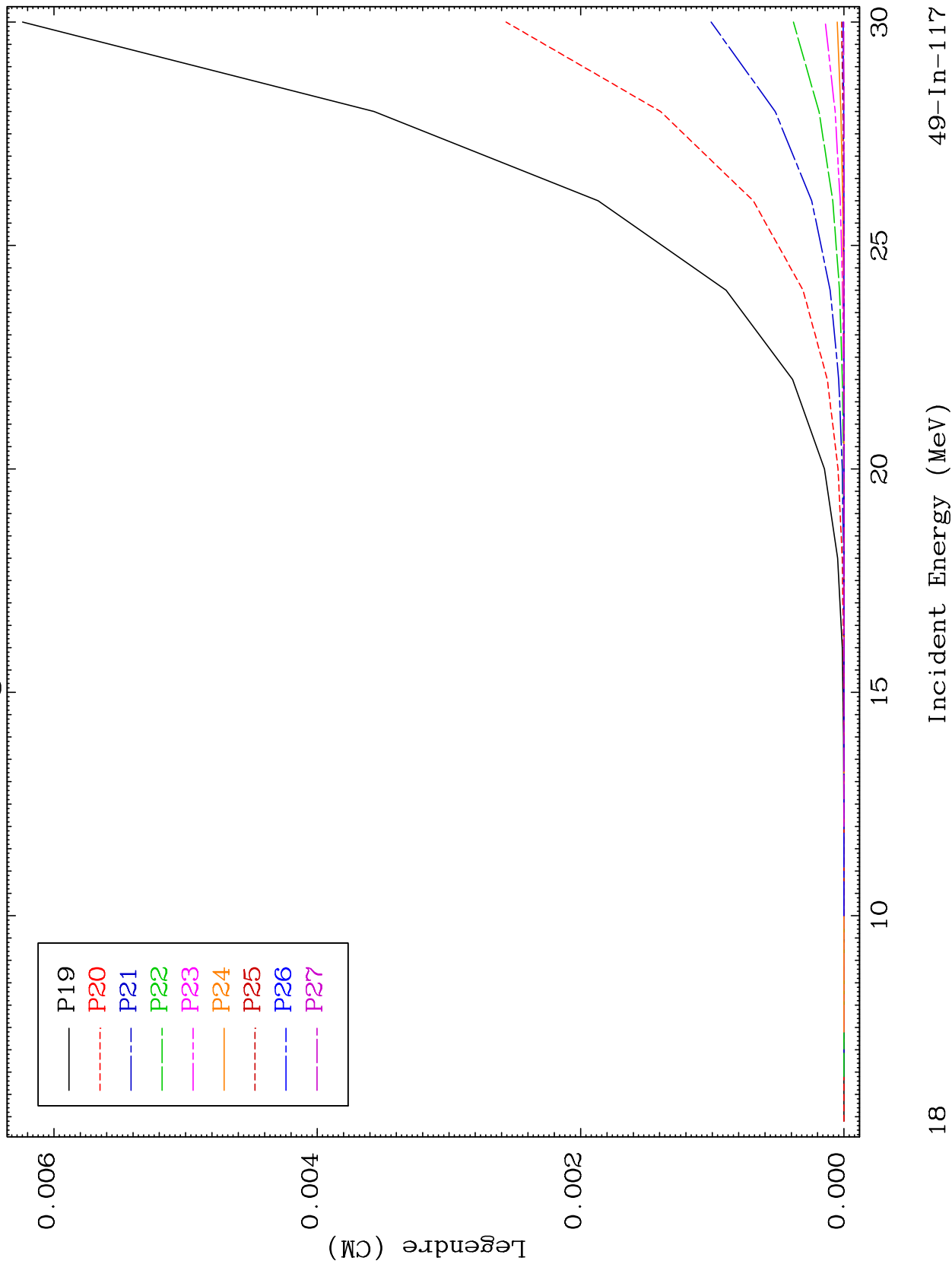
49-In-117



MAT 4937

Elastic Legendre Coefficients

49-In-117



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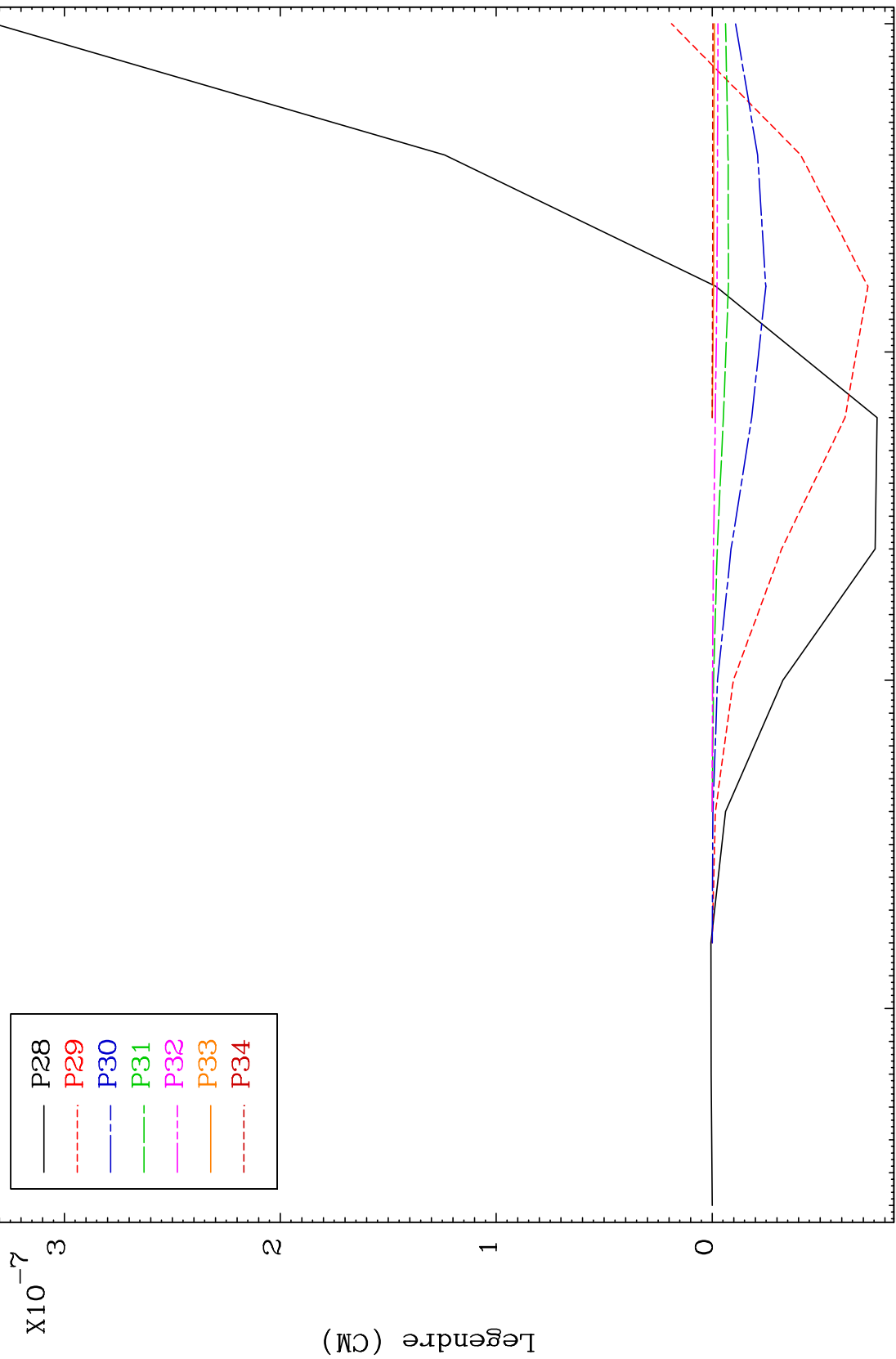
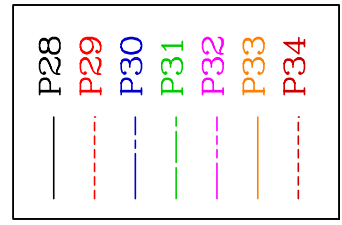
Incident Energy (MeV)

49-In-117

MAT 4937

Elastic Legendre Coefficients

49-In-117



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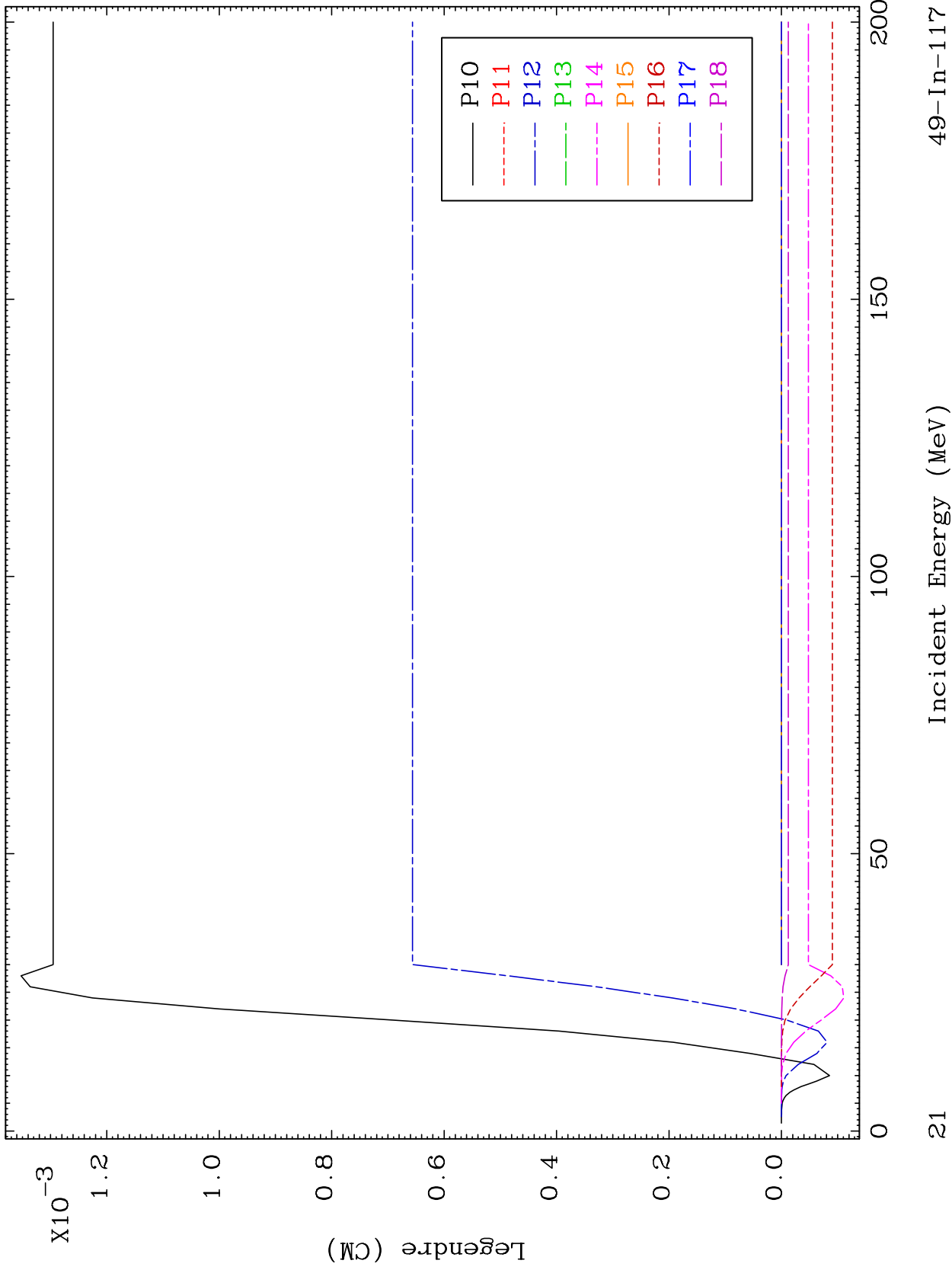
Incident Energy (MeV)

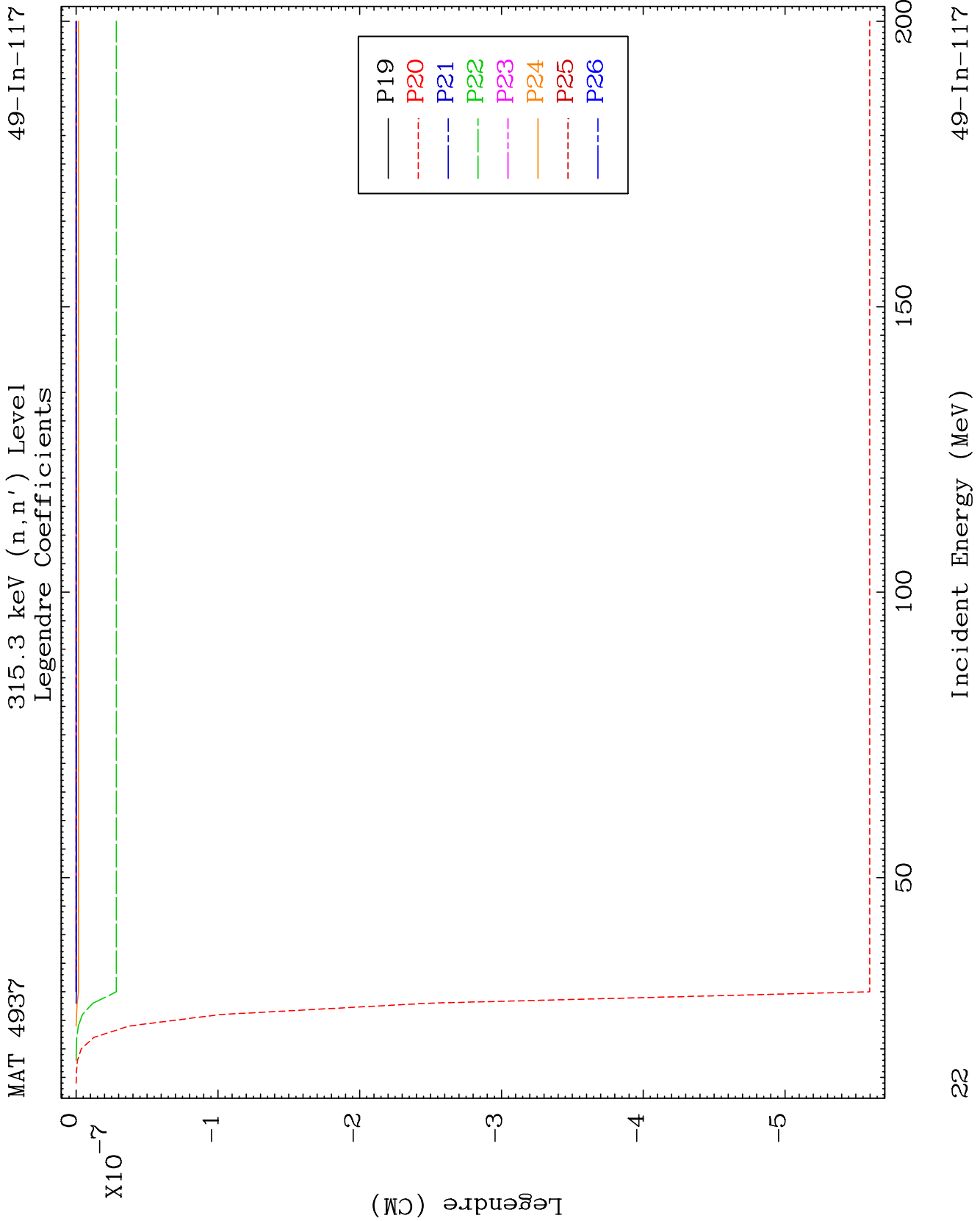
49-In-117

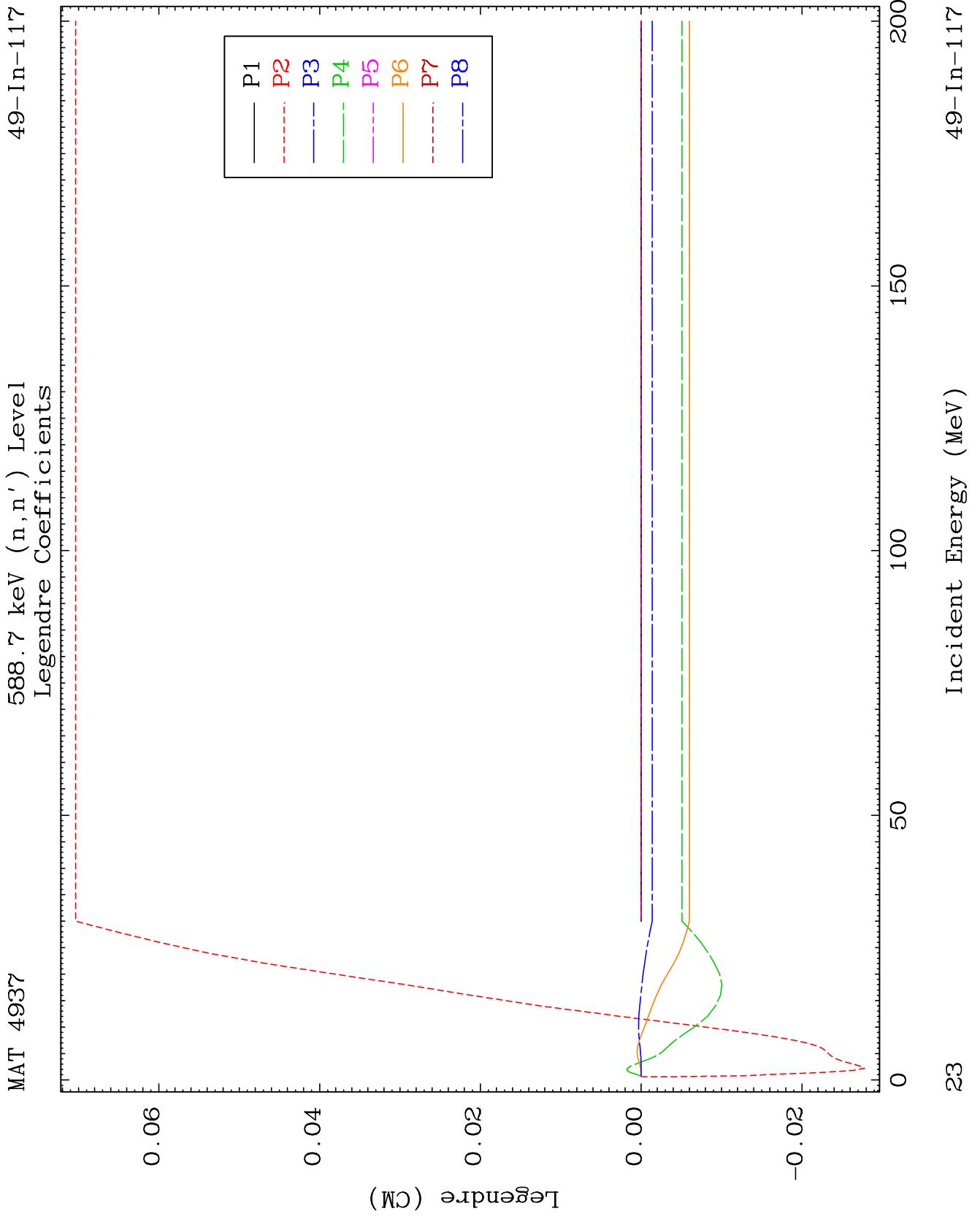
MAT 4937

315.3 keV (n,n') Level
Legendre Coefficients

49-In-117



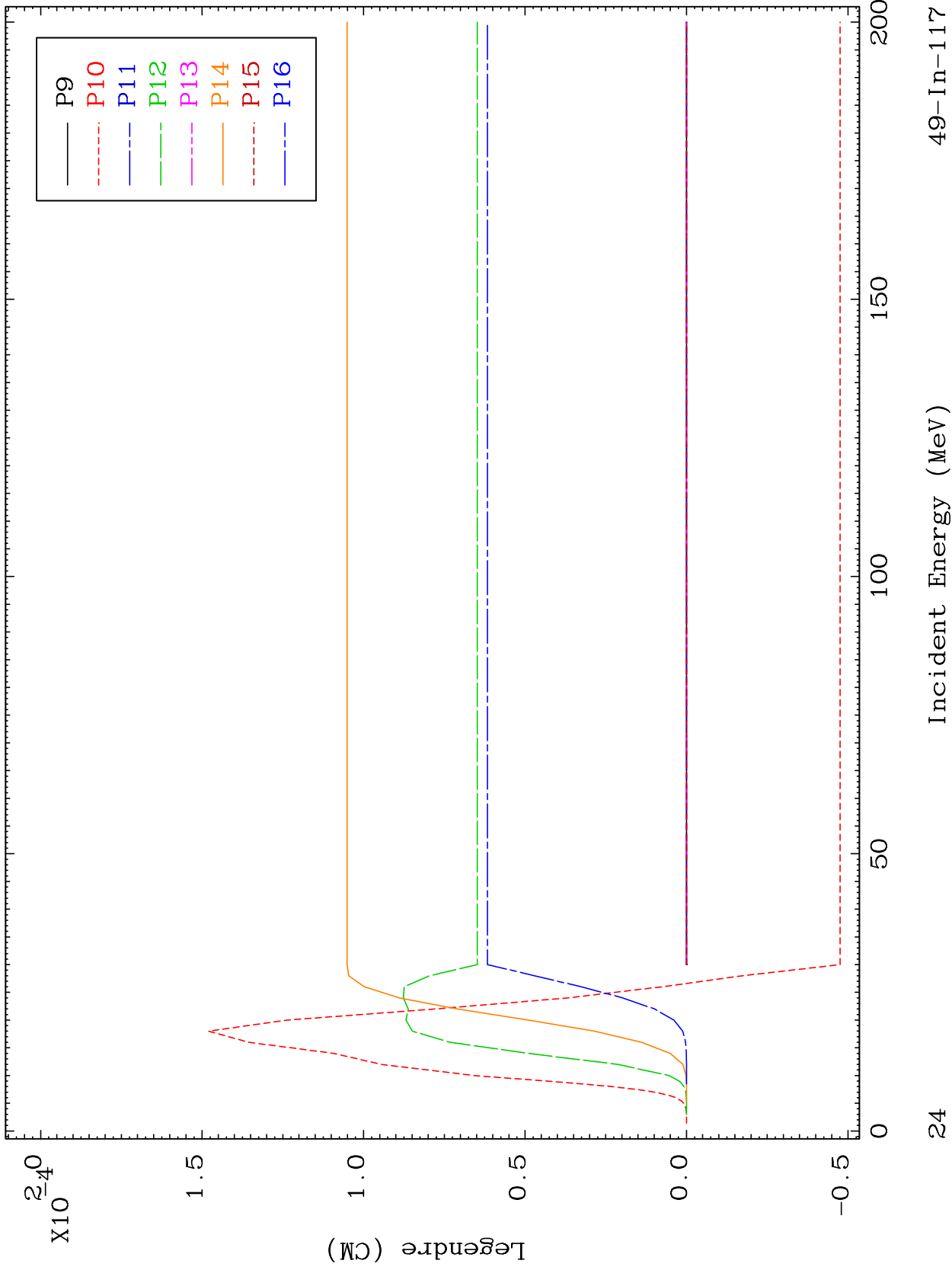




MAT 4937

588.7 keV (n,n') Level
Legendre Coefficients

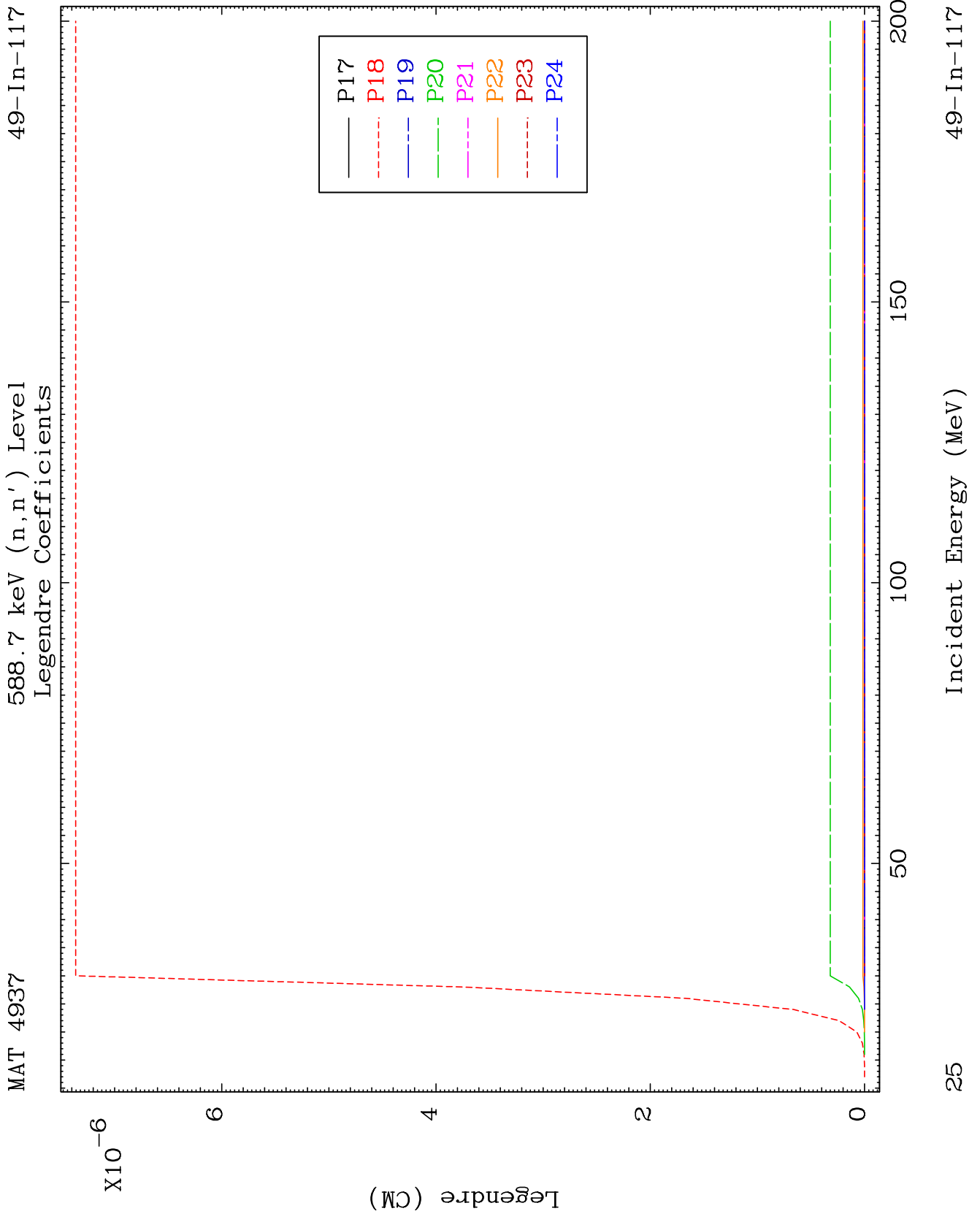
49-In-117

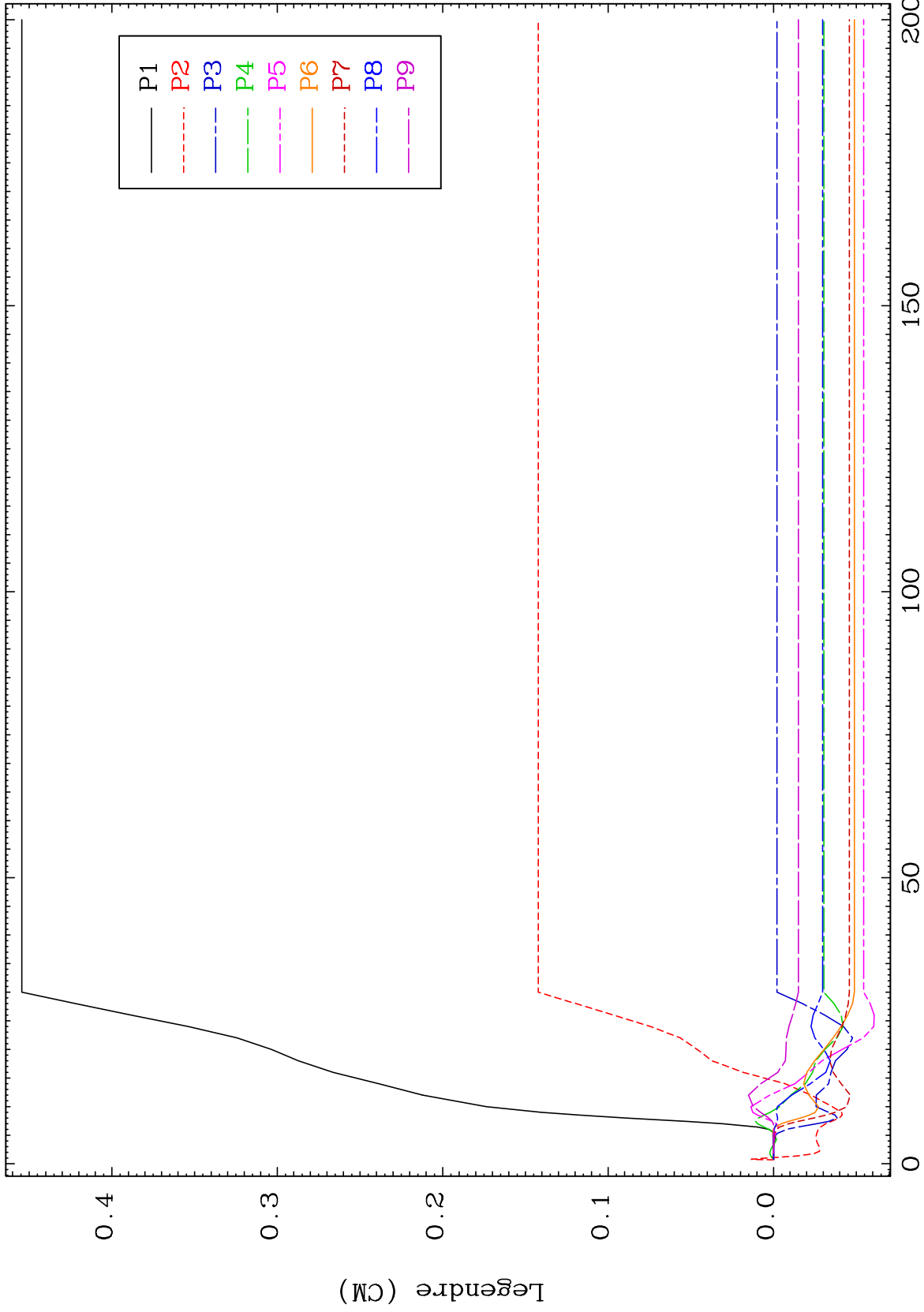


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Incident Energy (MeV)

49-In-117

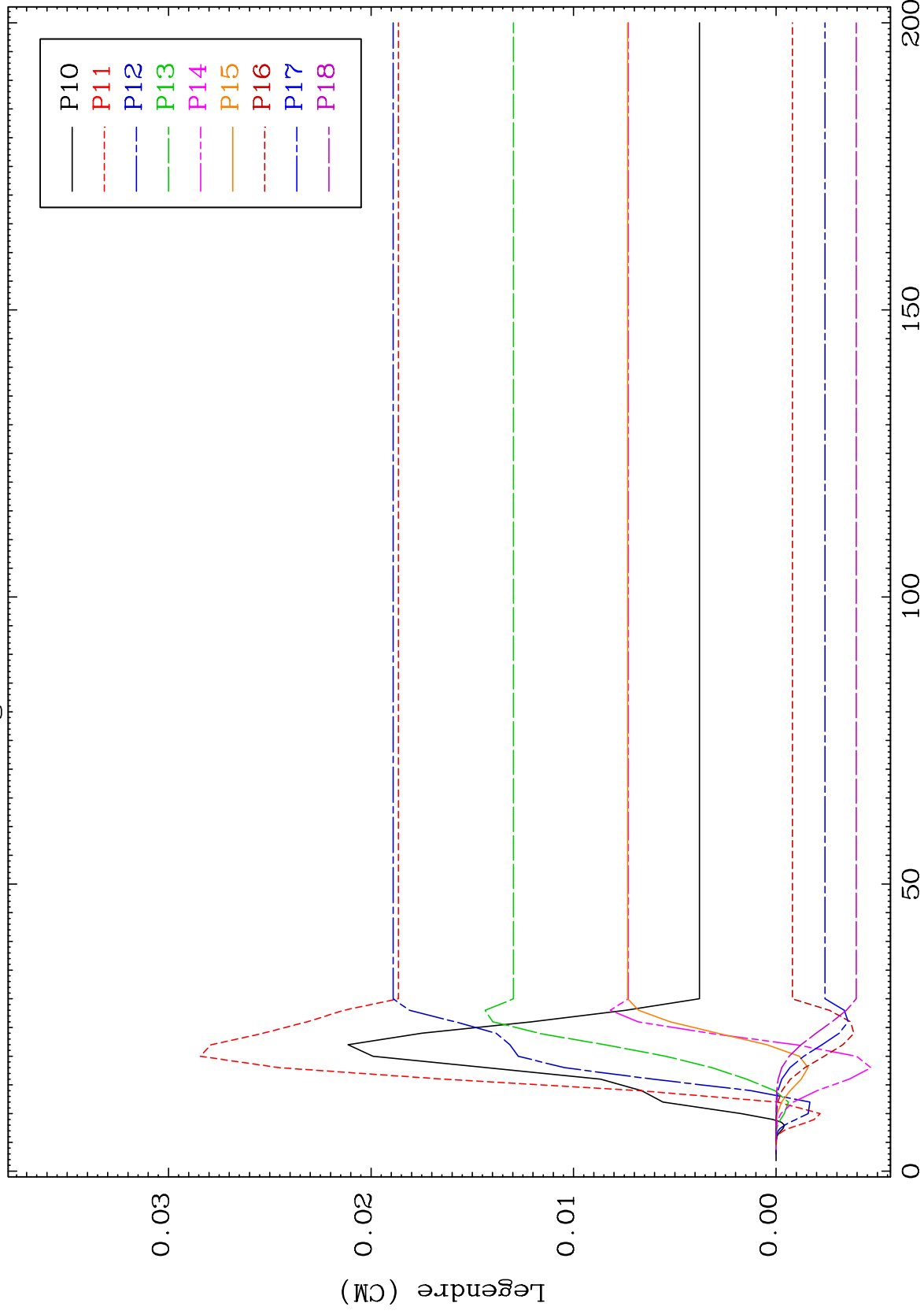




MAT 4937

659.8 keV (n,n') Level
Legendre Coefficients

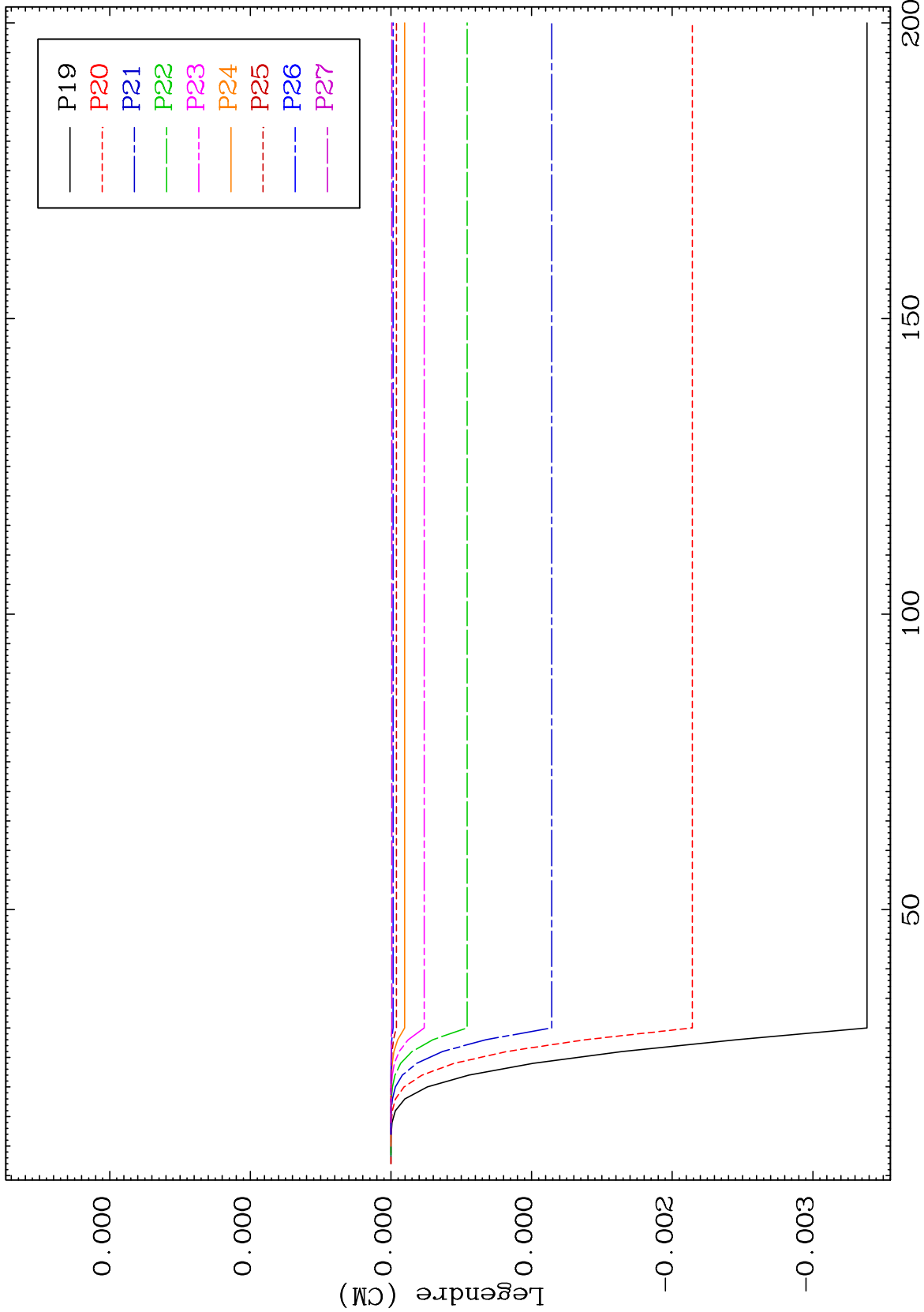
49-In-117

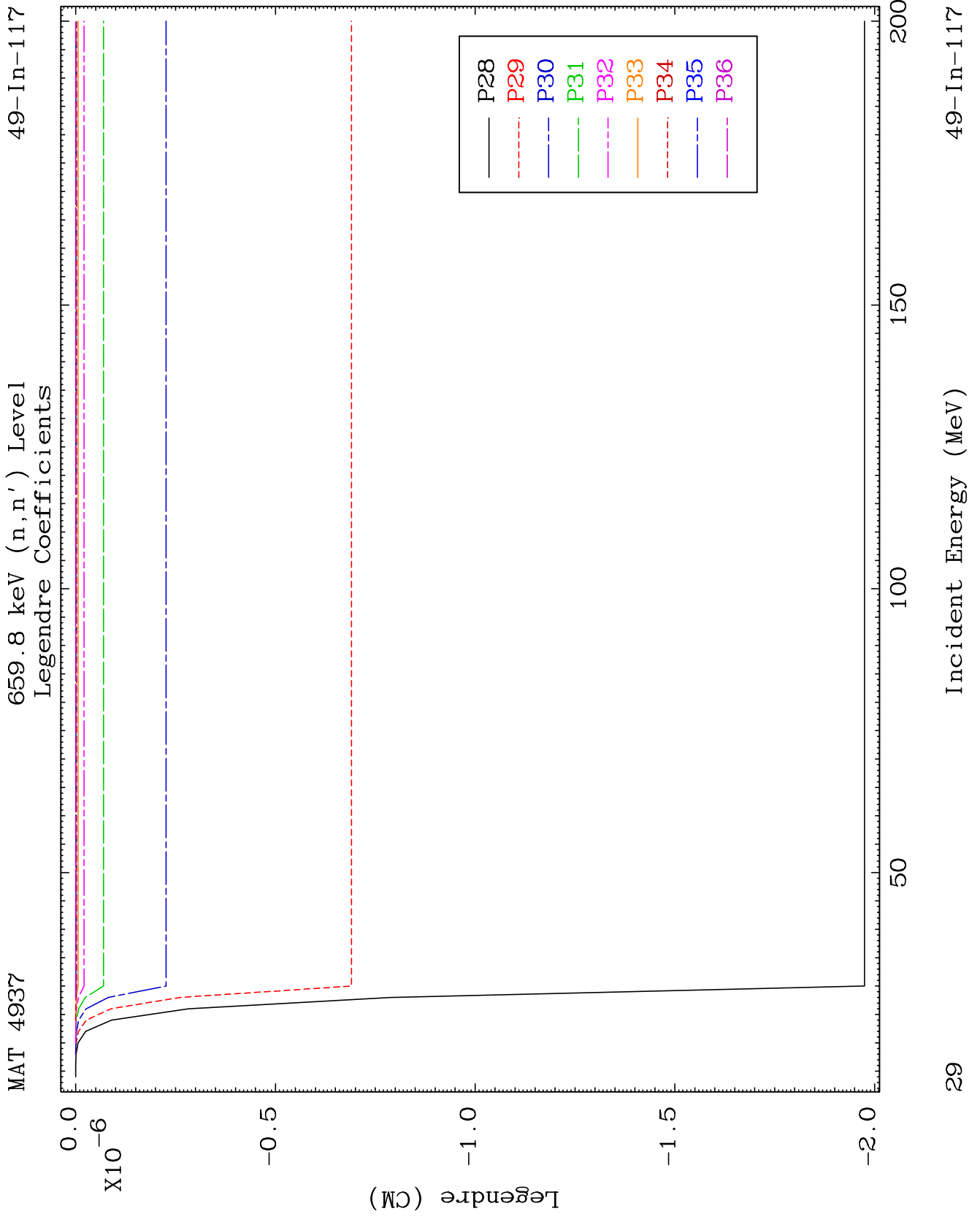


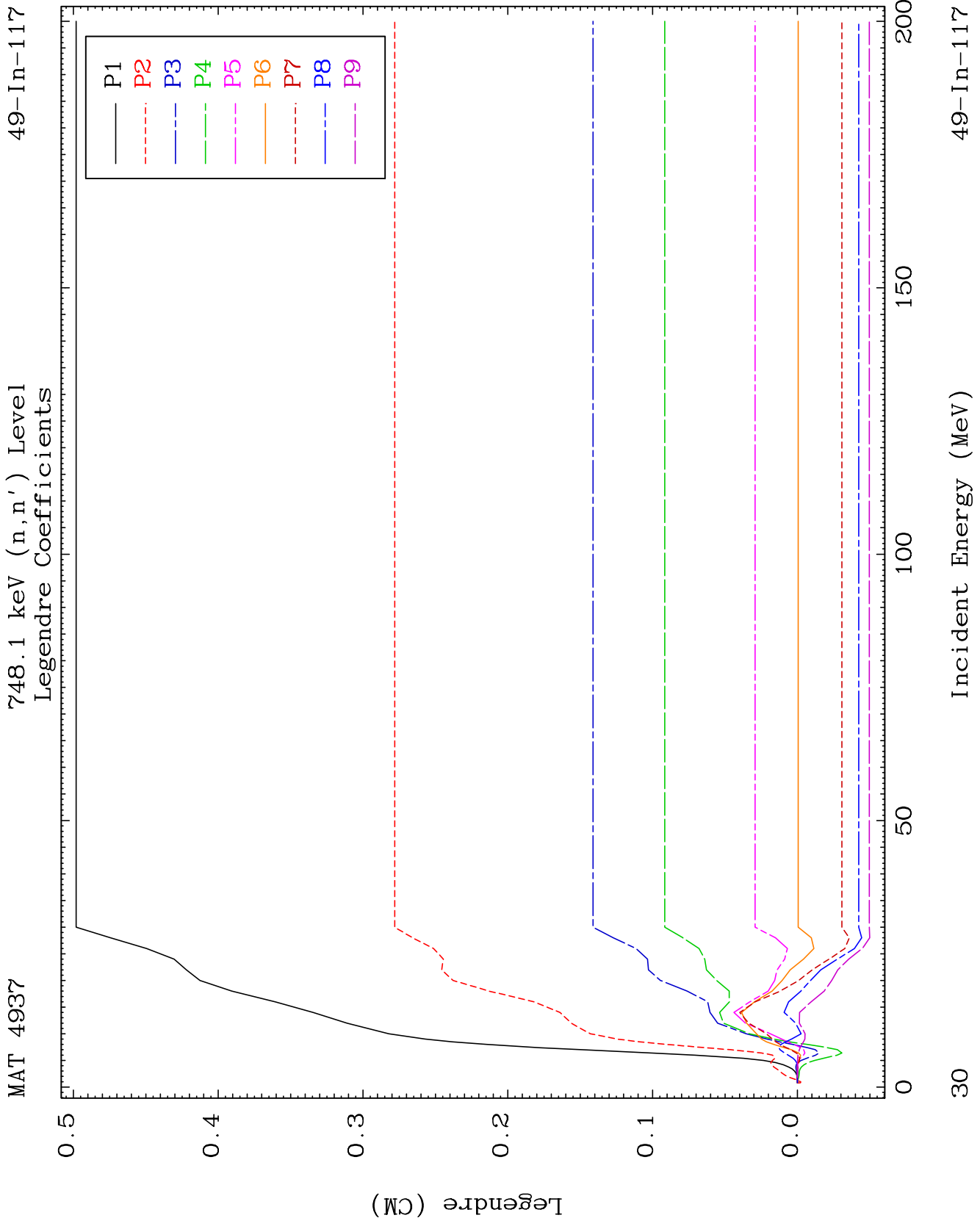
27

Incident Energy (MeV)

49-In-117



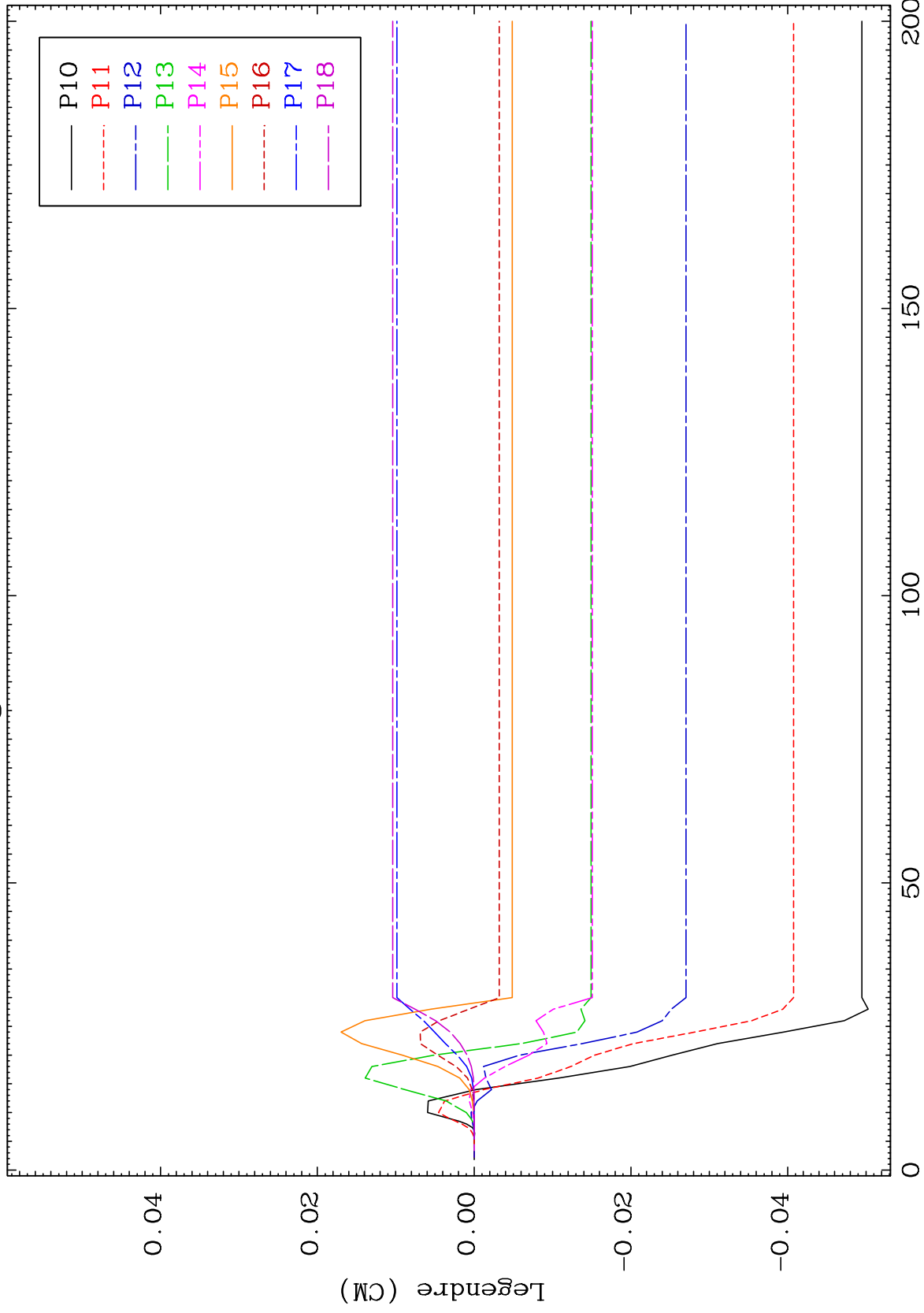




MAT 4937

748.1 keV (n,n') Level
Legendre Coefficients

49-In-117



31

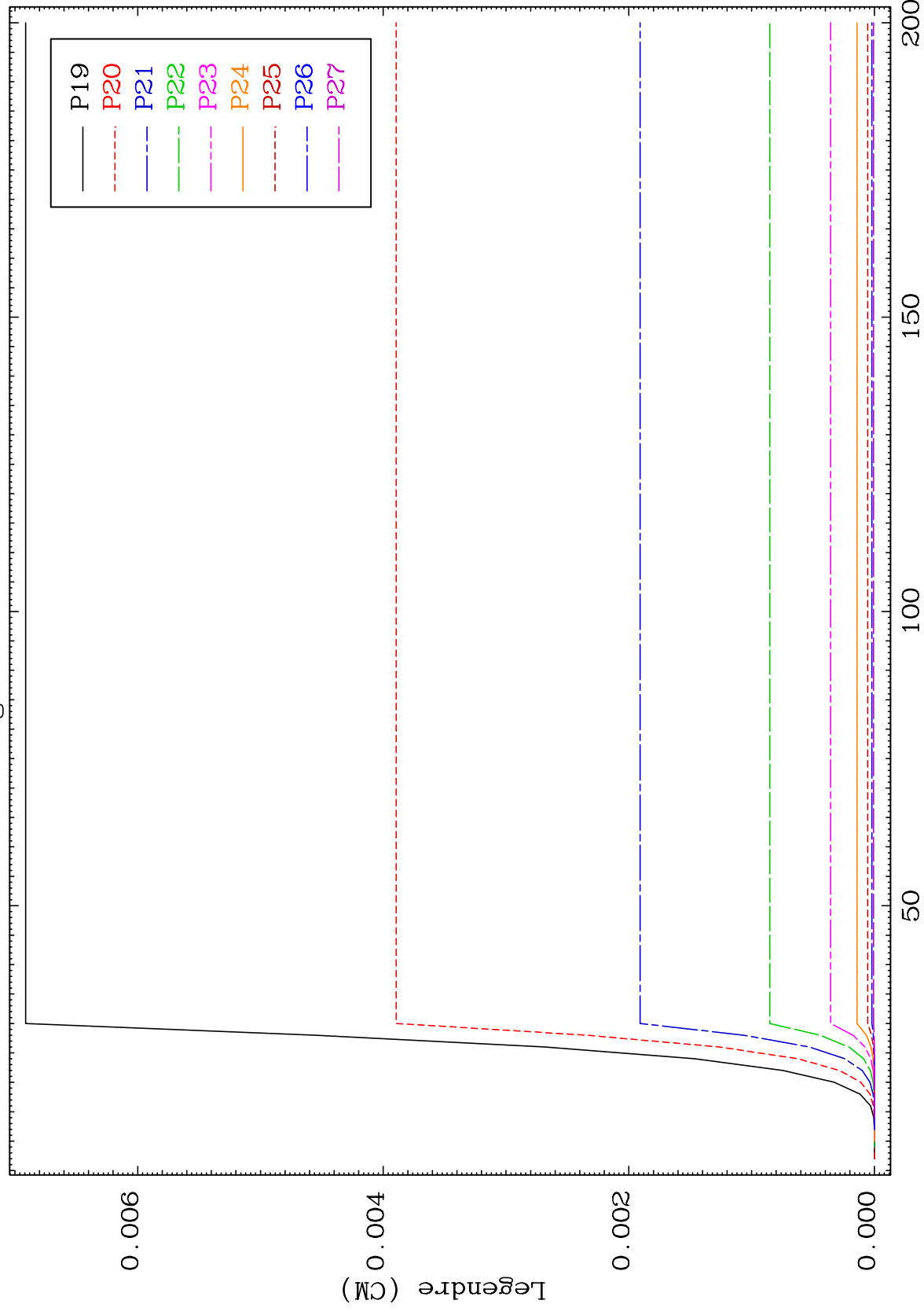
Incident Energy (MeV)

49-In-117

MAT 4937

748.1 keV (n,n') Level
Legendre Coefficients

49-In-117



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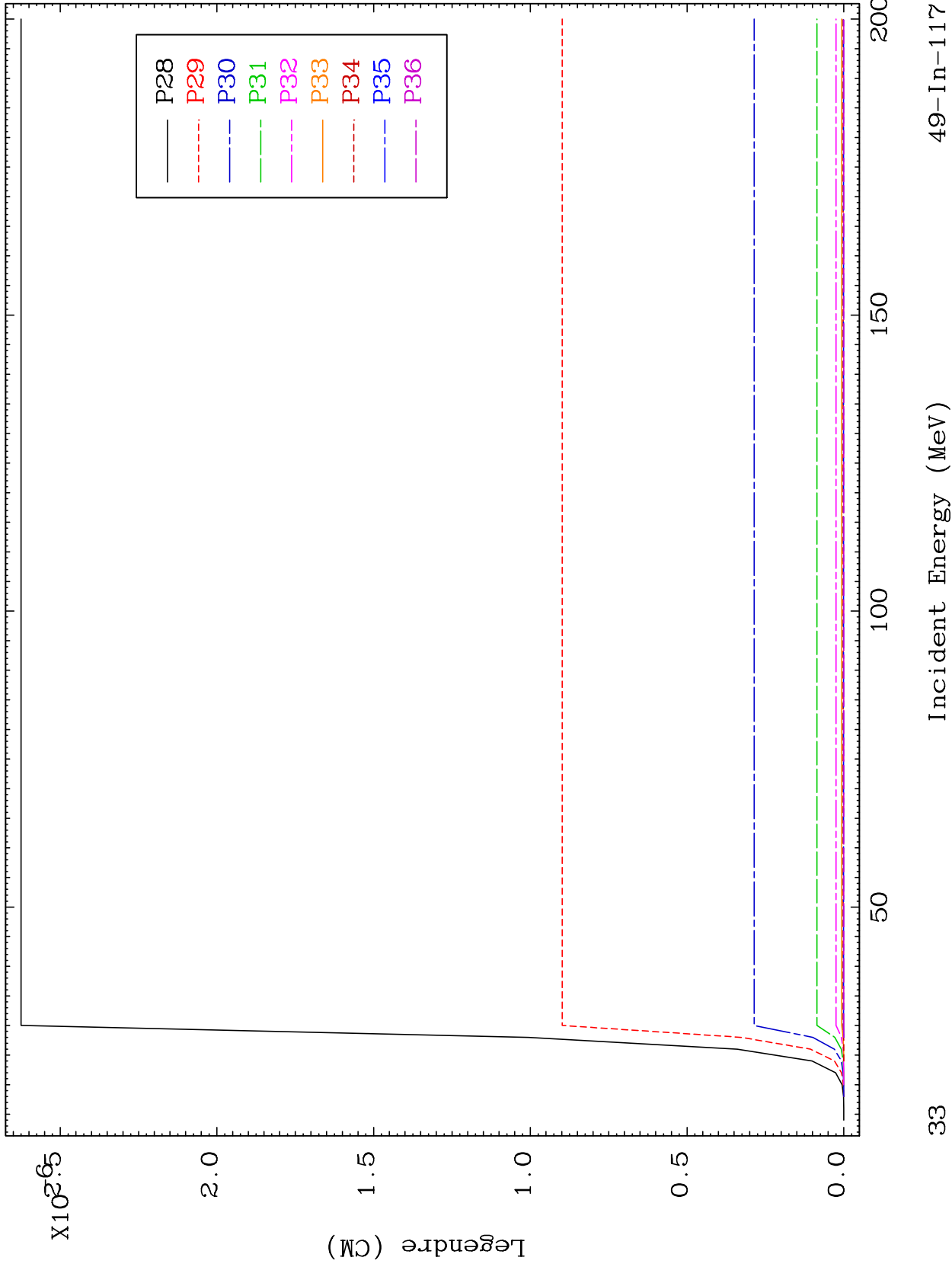
Incident Energy (MeV)

49-In-117

MAT 4937

748.1 keV (n, n') Level
Legendre Coefficients

49-In-117

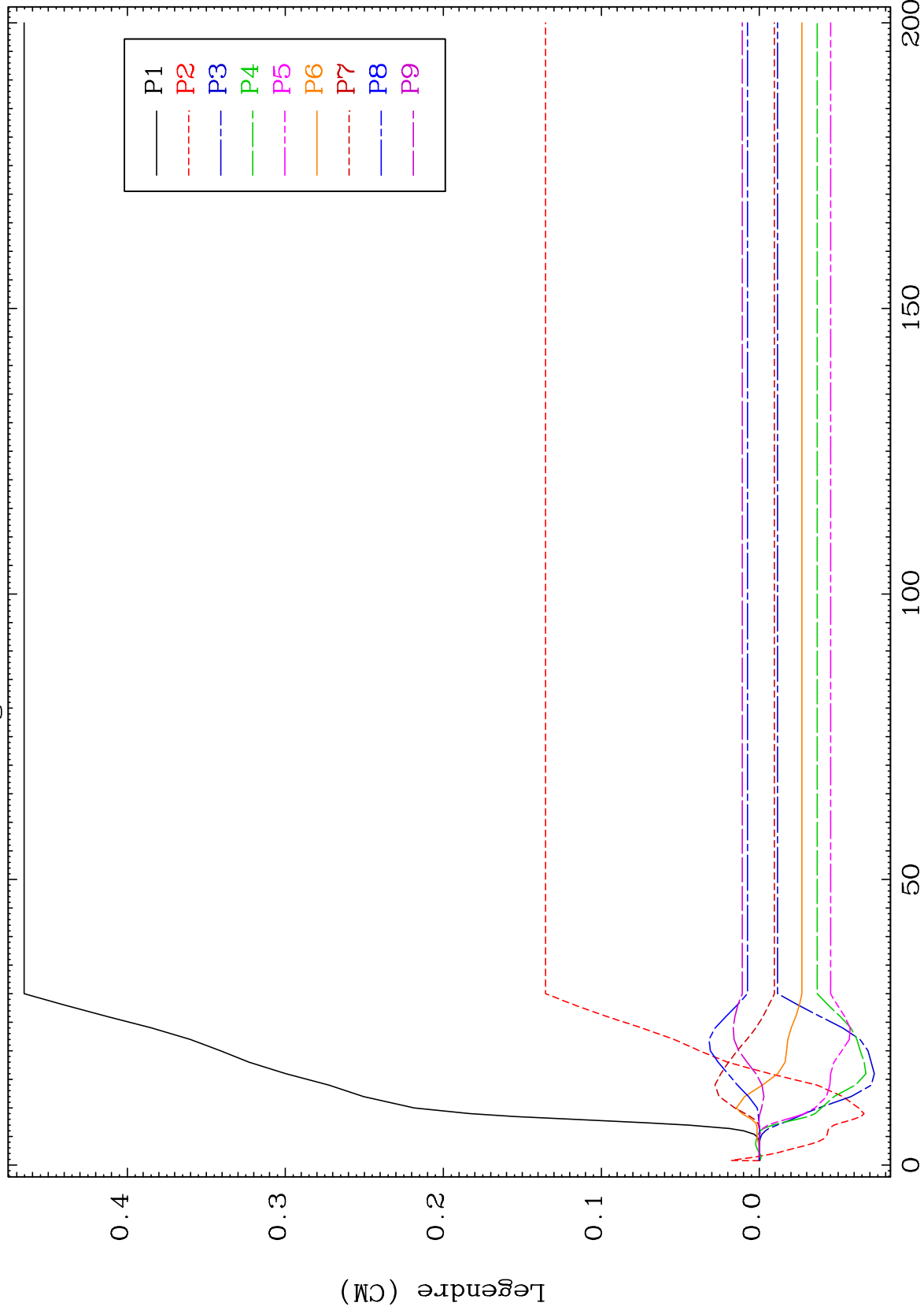


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MAT 4937

749.5 keV (n,n') Level
Legendre Coefficients

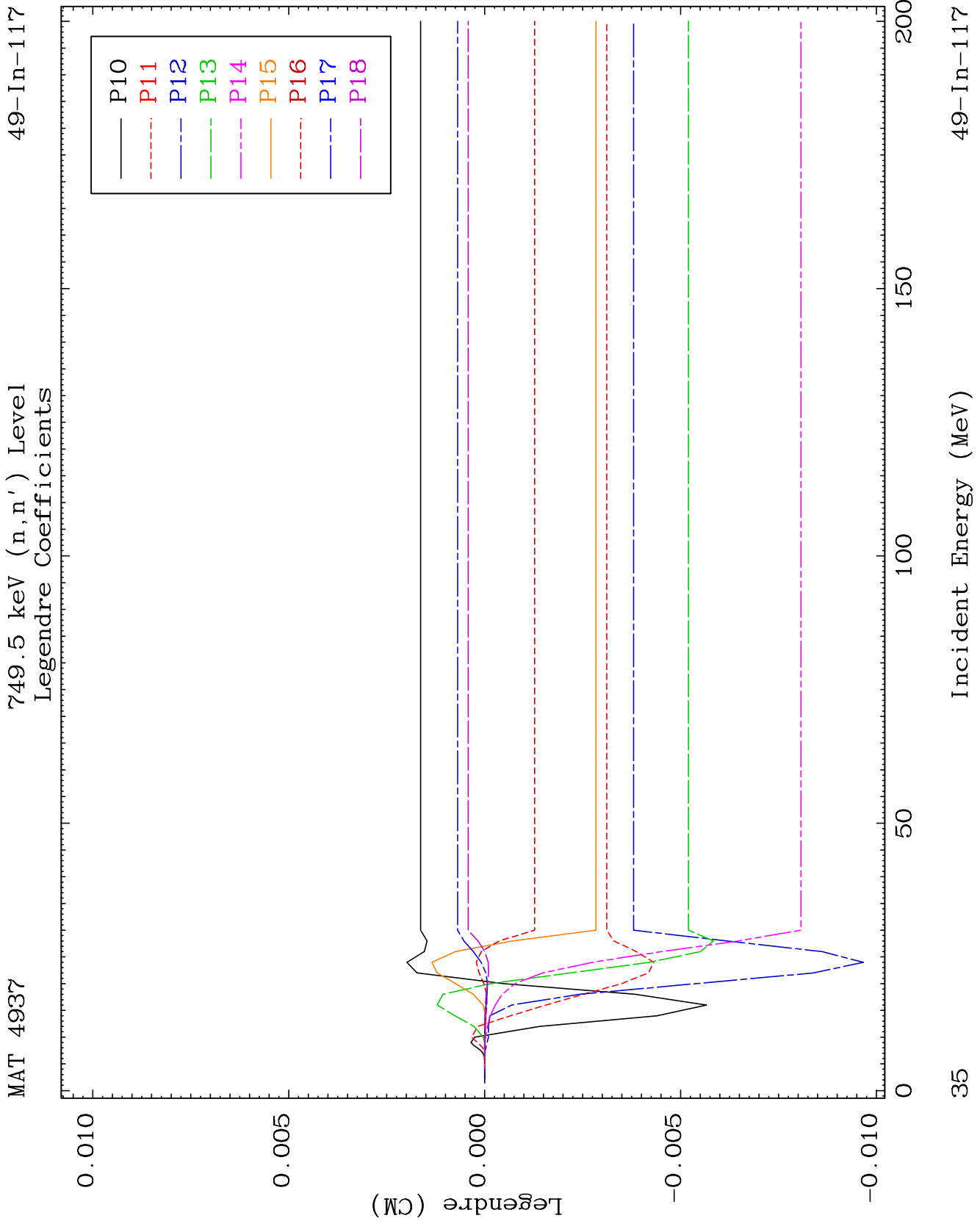
49-In-117

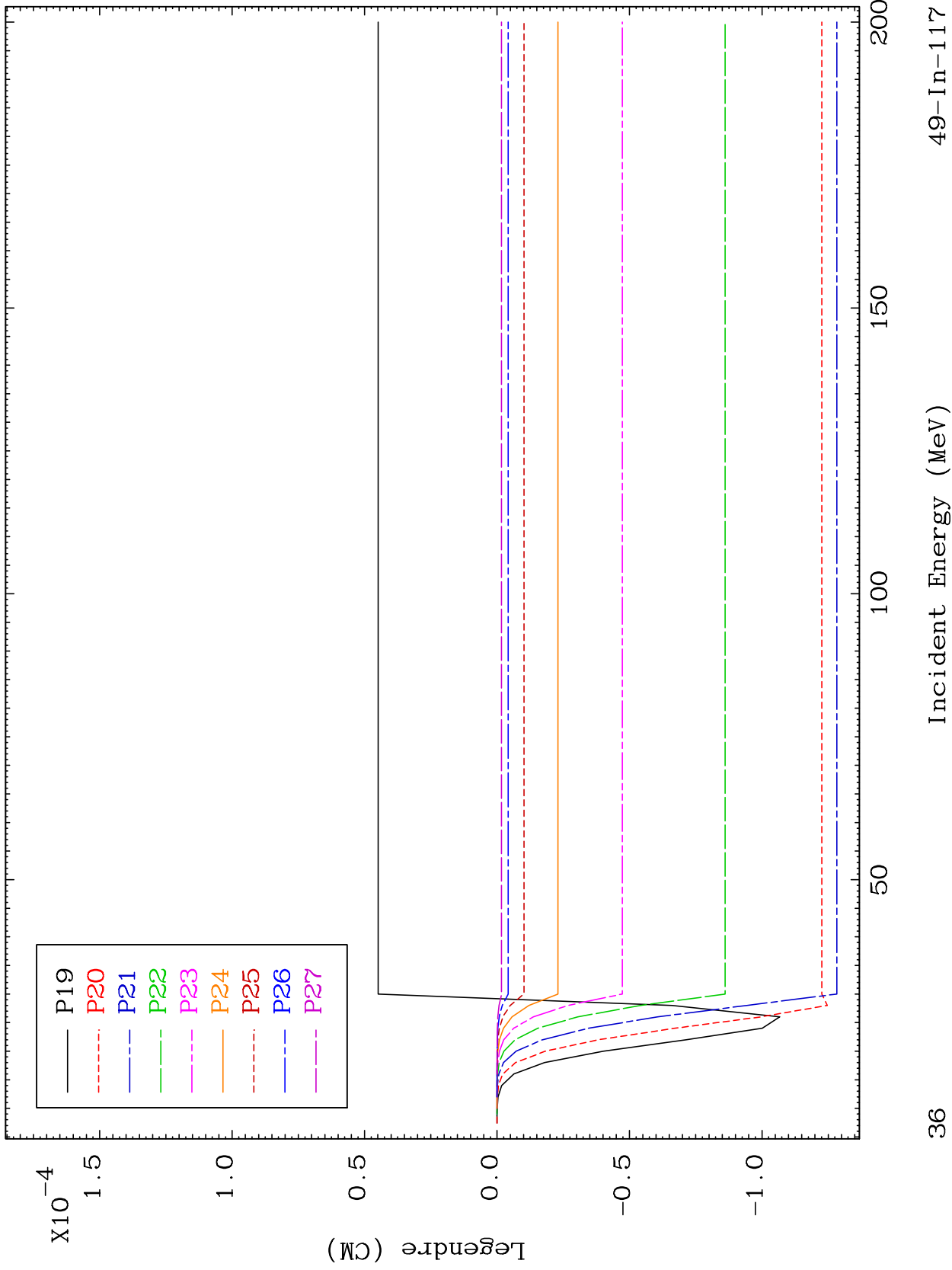


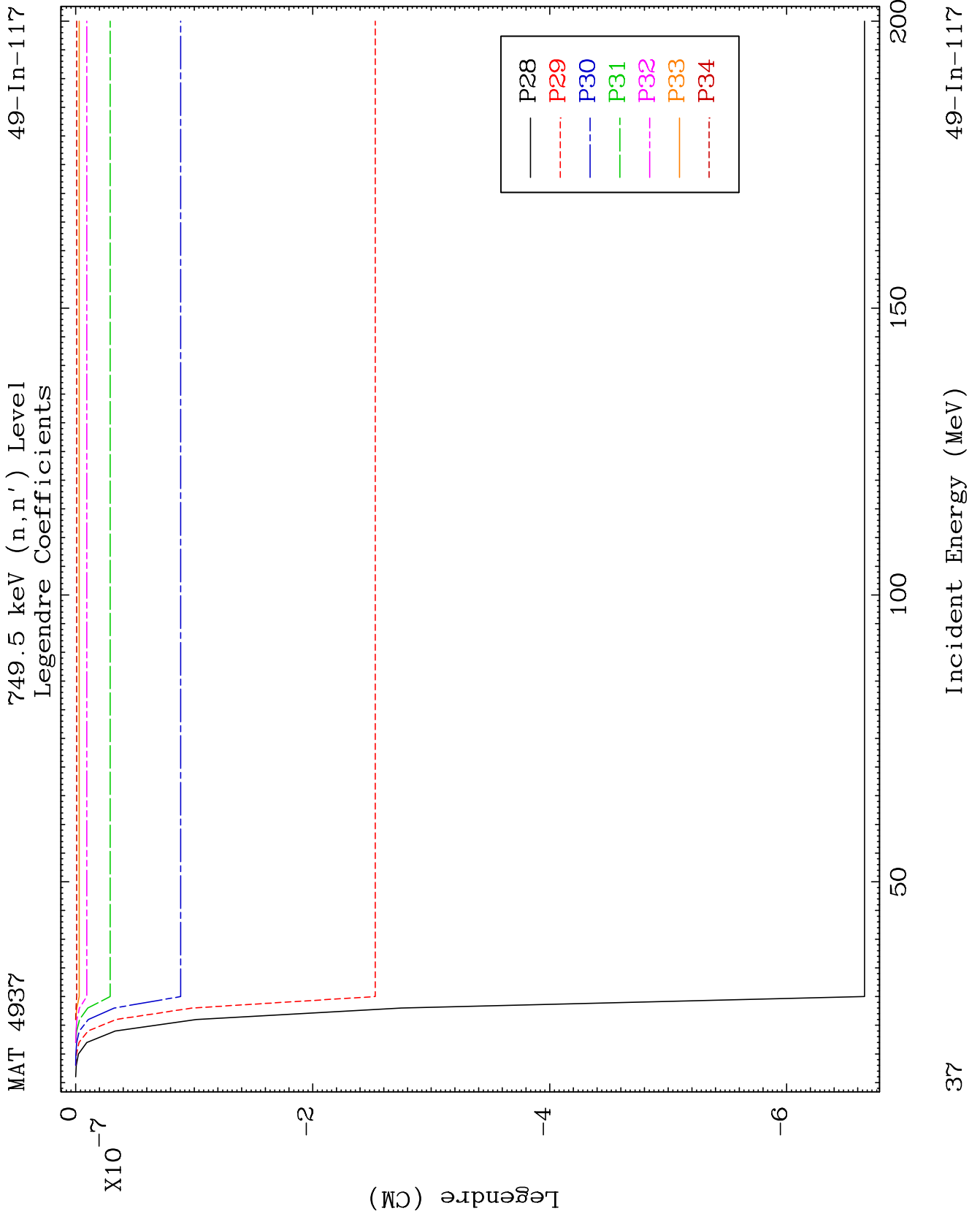
34

Incident Energy (MeV)

49-In-117



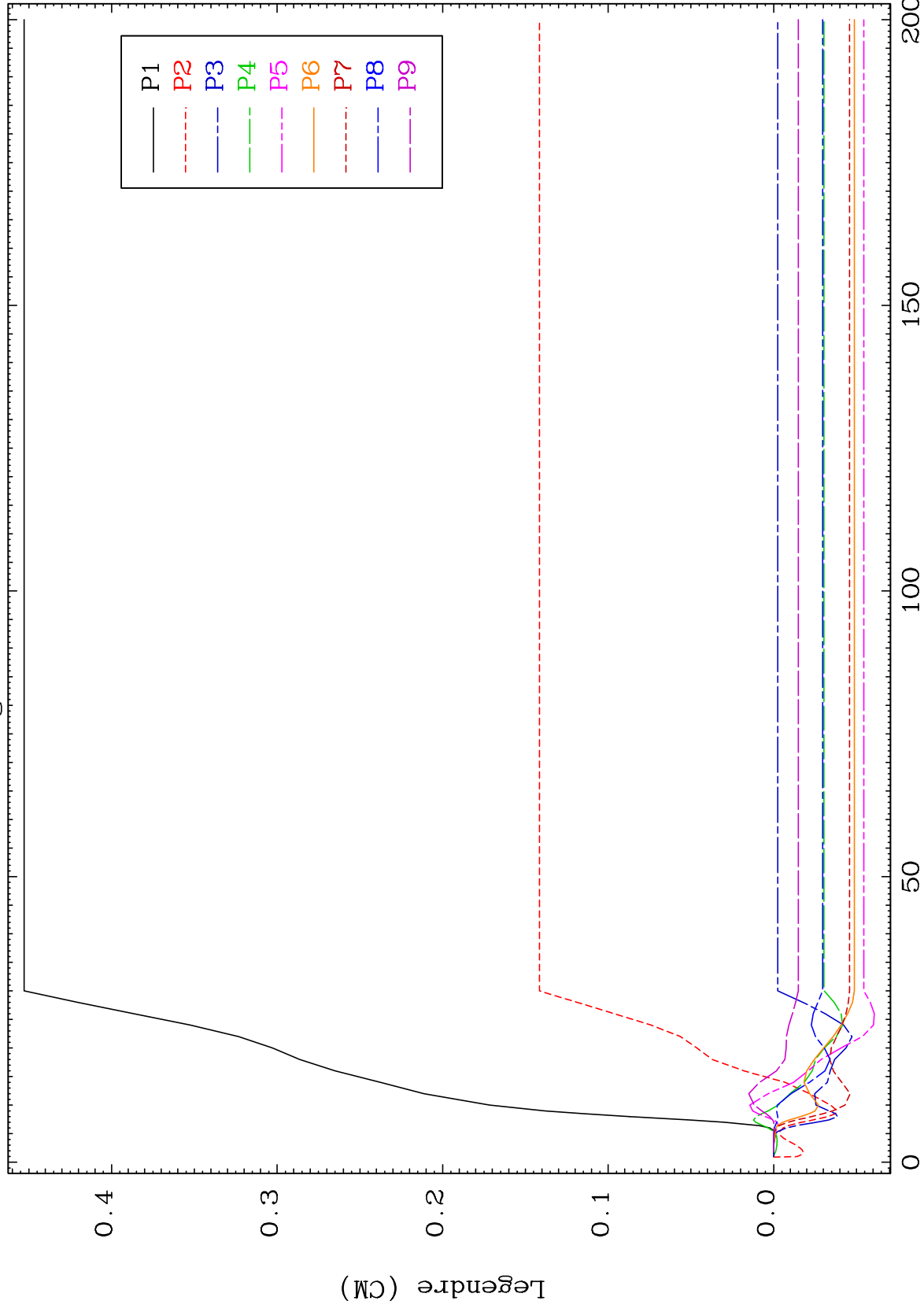




MAT 4937

880.7 keV (n,n') Level
Legendre Coefficients

49-In-117



38

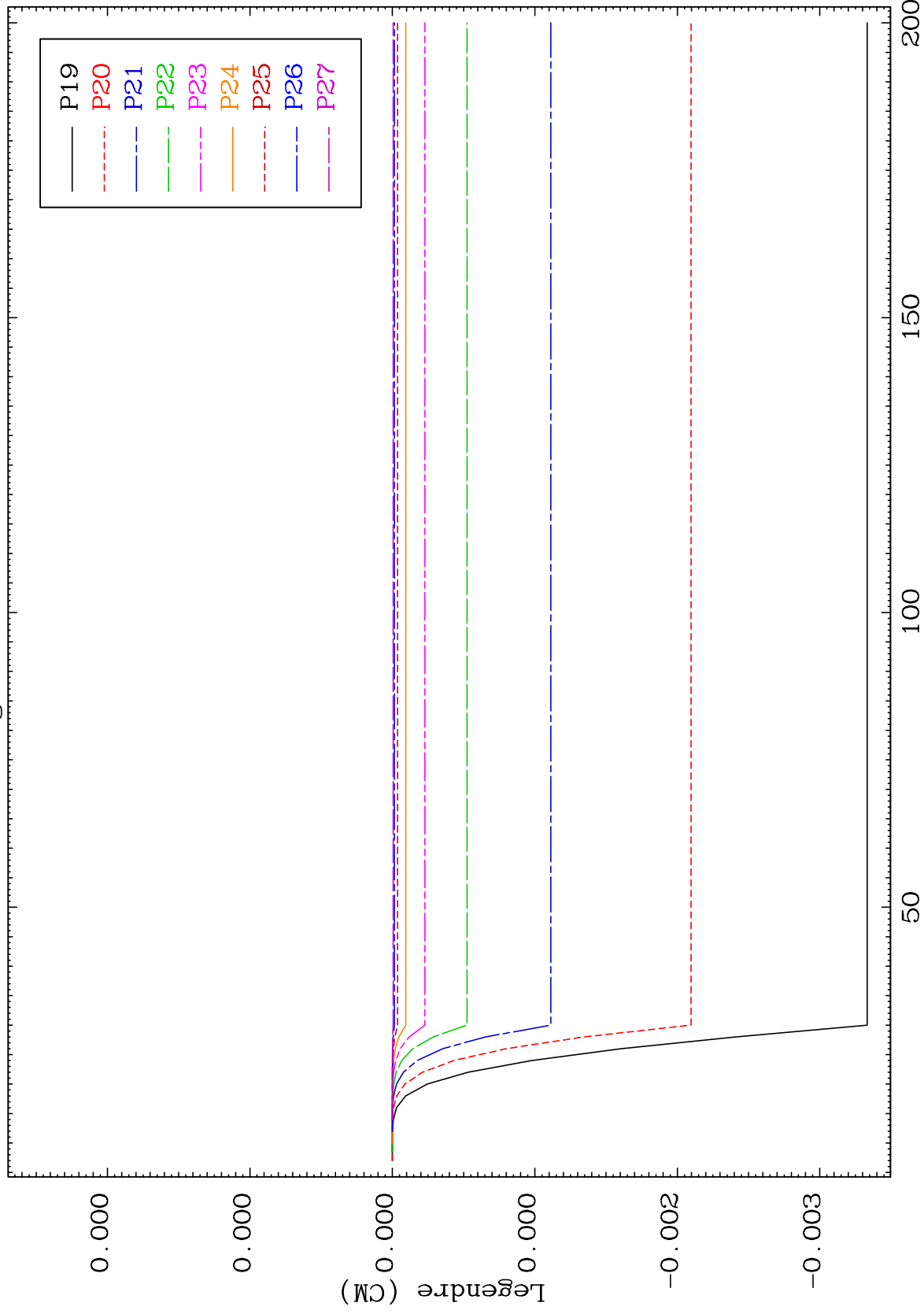
Incident Energy (MeV)

49-In-117

MAT 4937

880.7 keV (n,n') Level
Legendre Coefficients

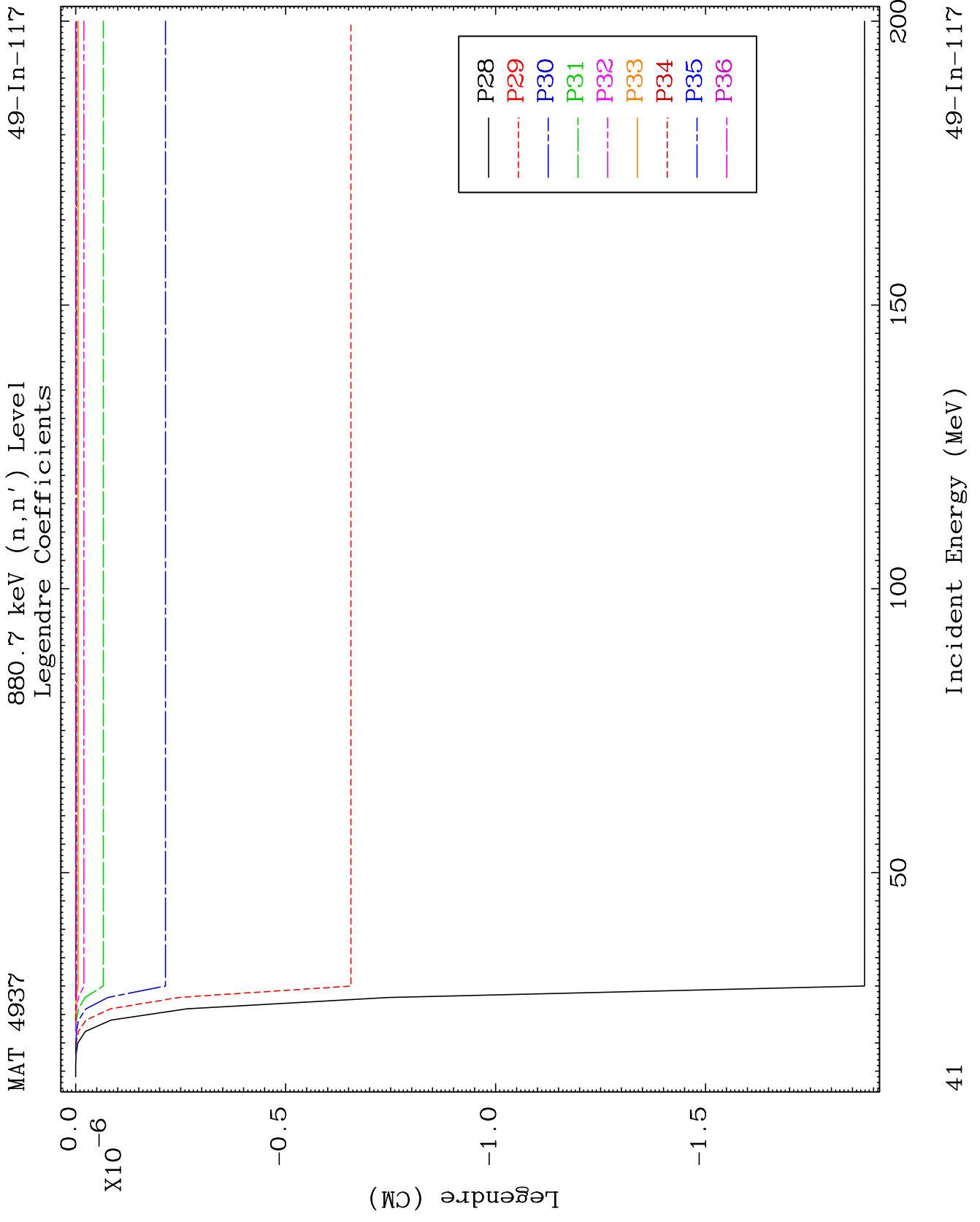
49-In-117

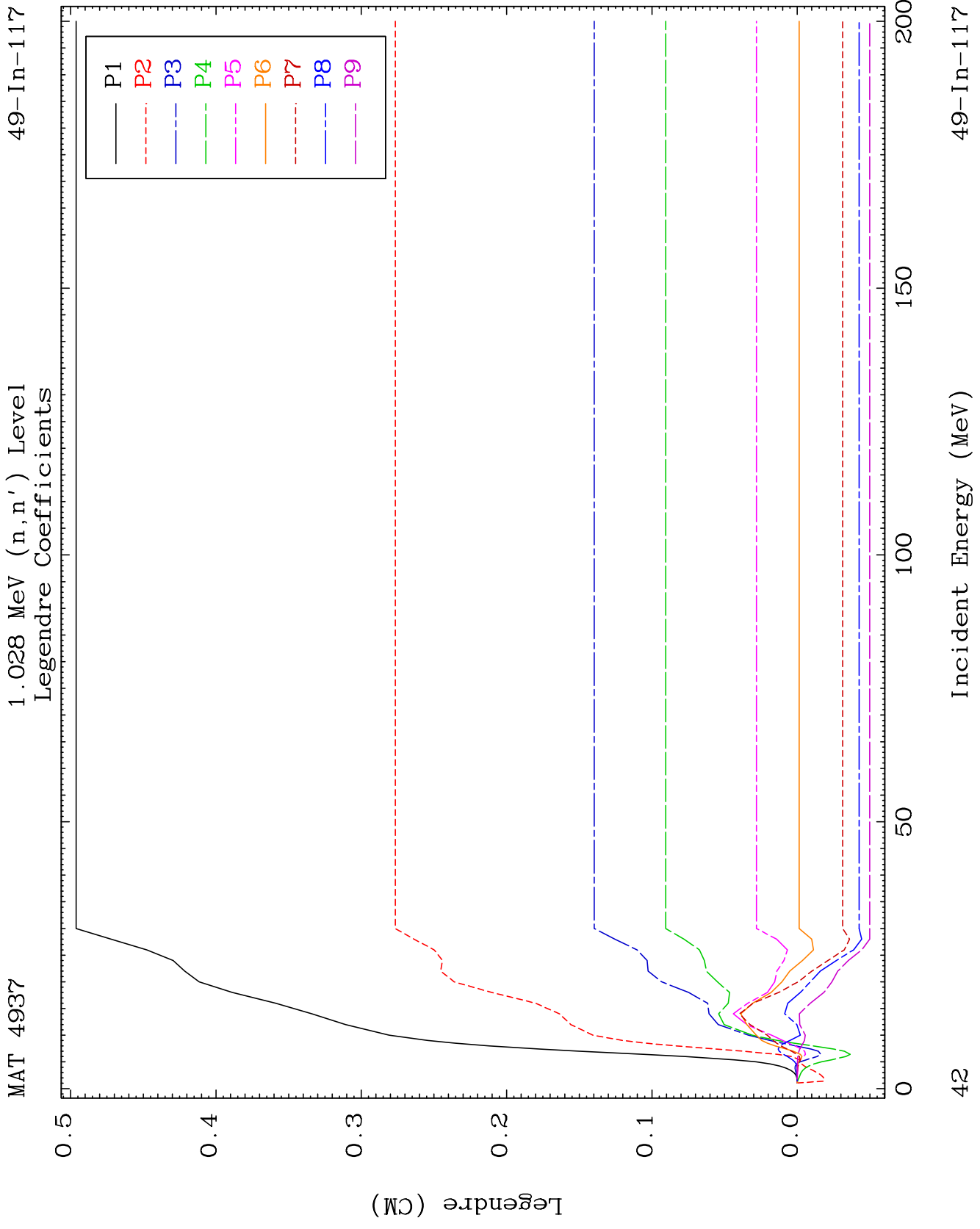


40

Incident Energy (MeV)

49-In-117

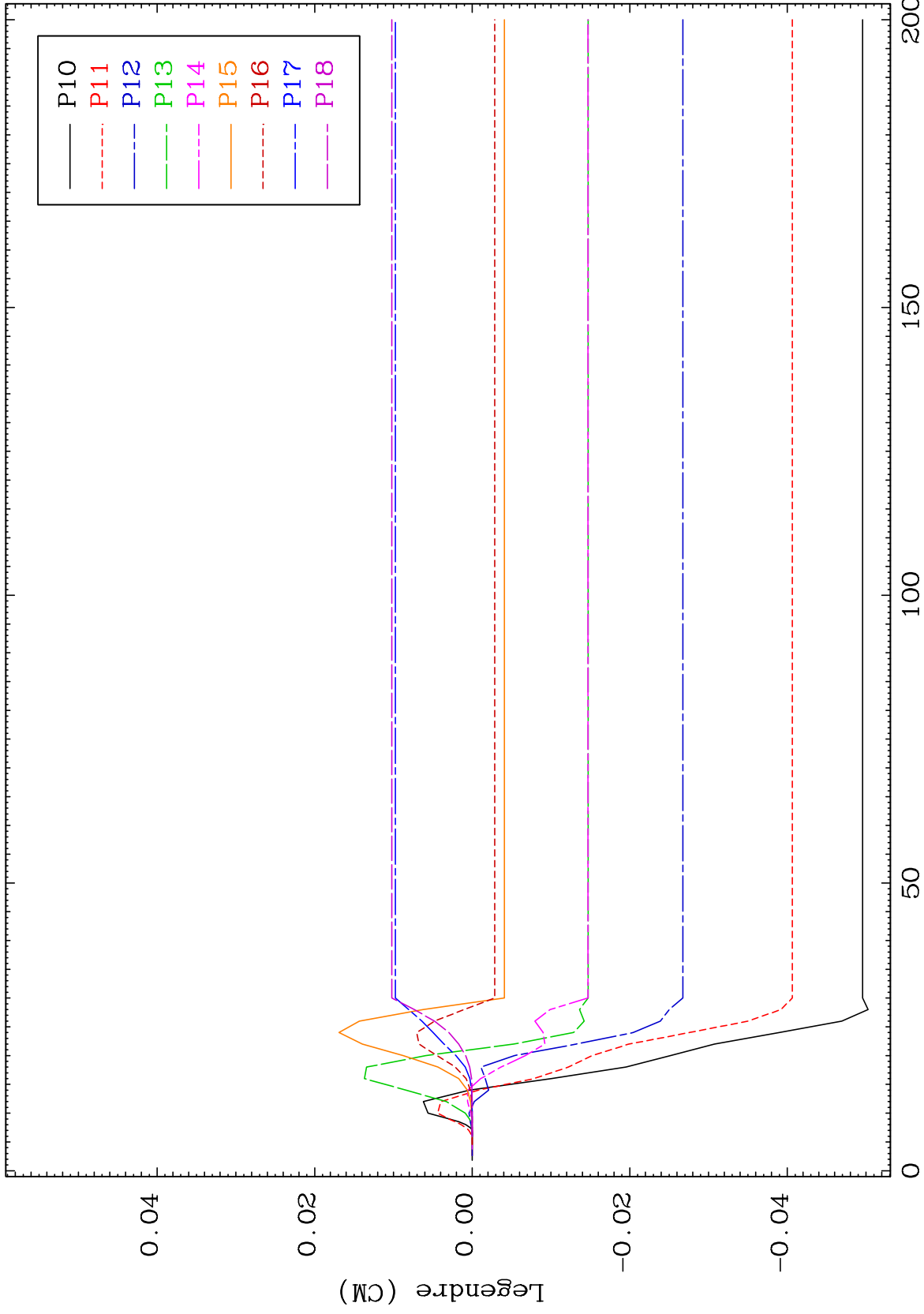




MAT 4937

1.028 MeV (n,n') Level
Legendre Coefficients

49-In-117



43

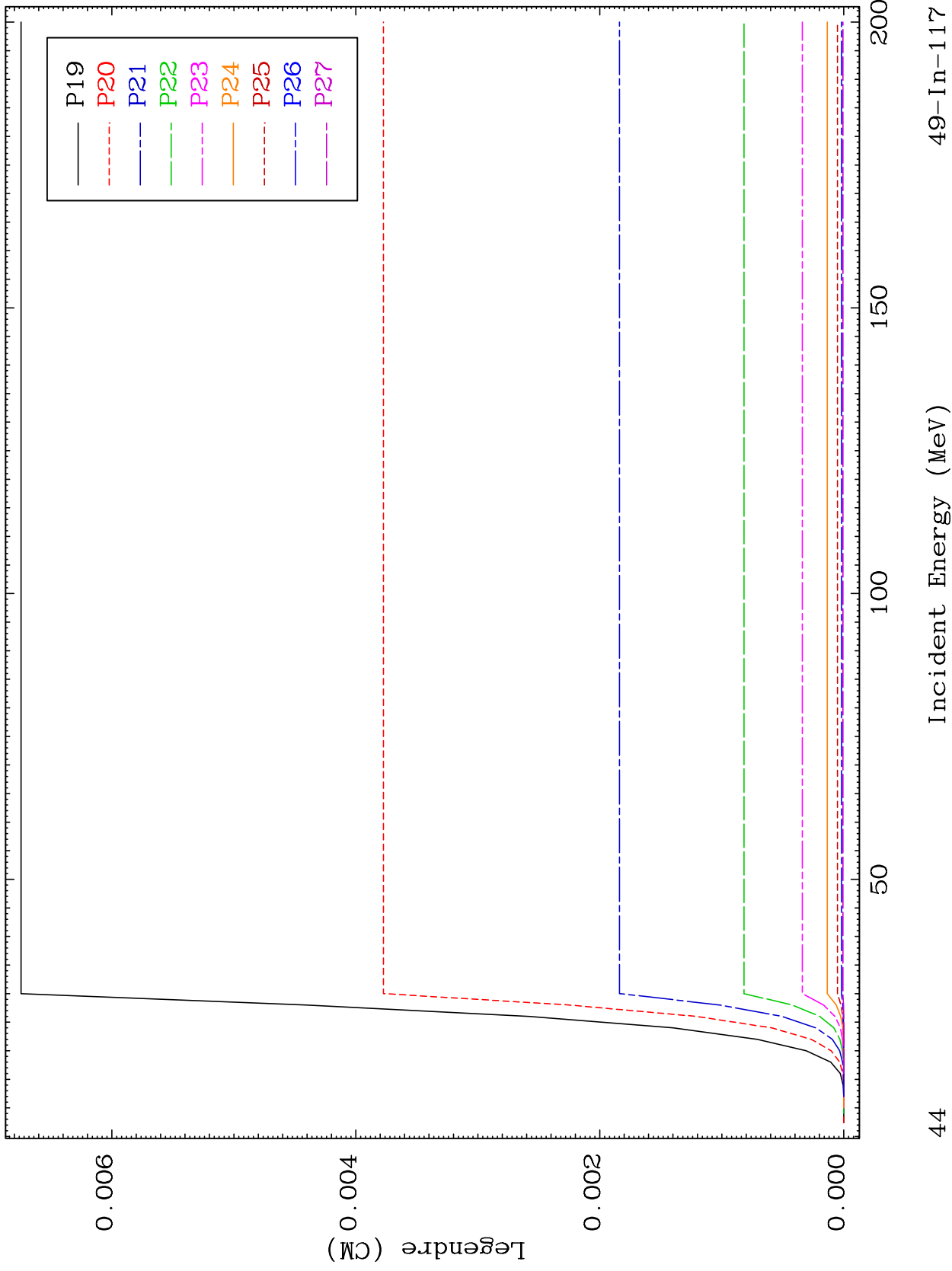
Incident Energy (MeV)

49-In-117

MAT 4937

1.028 MeV (n,n') Level
Legendre Coefficients

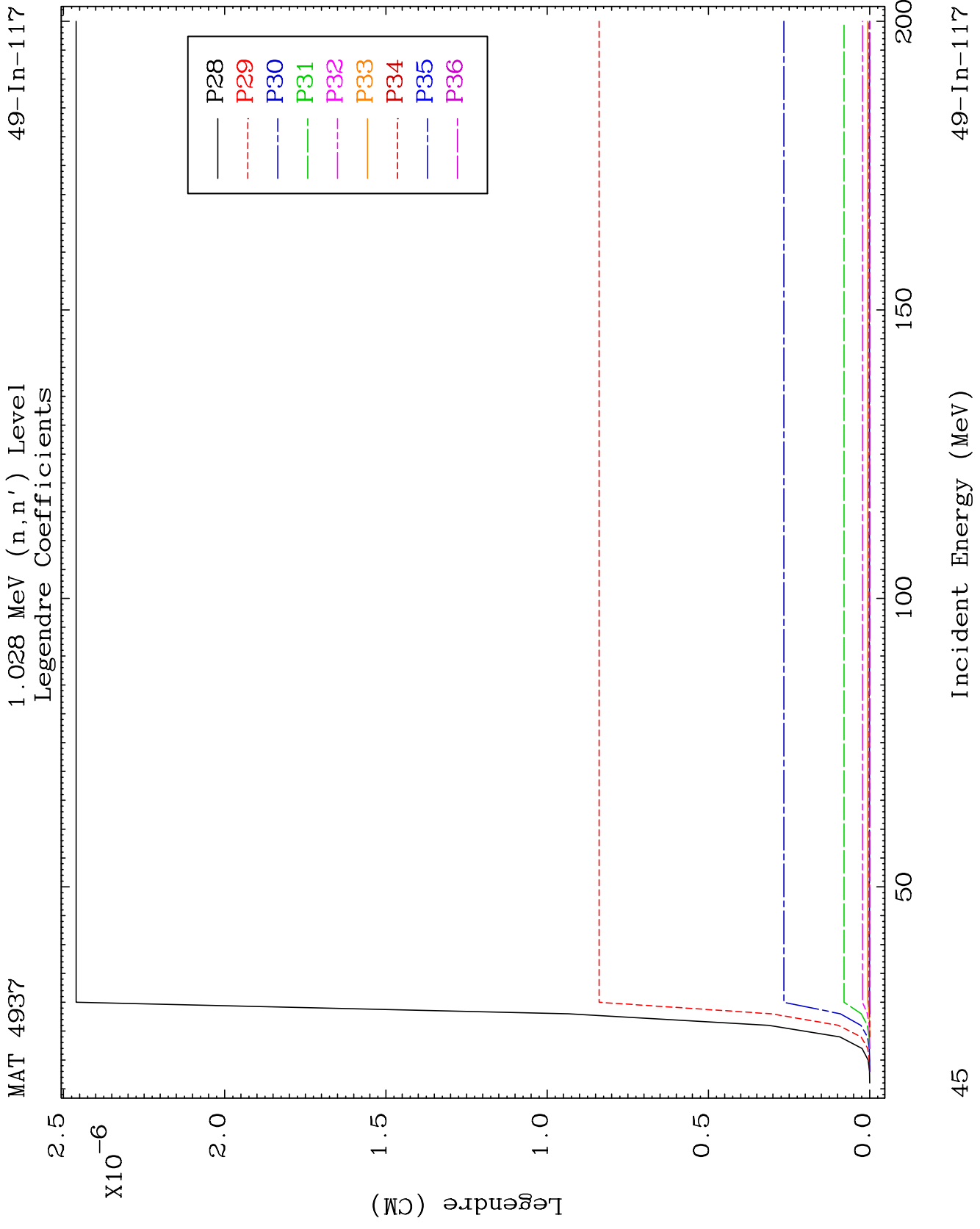
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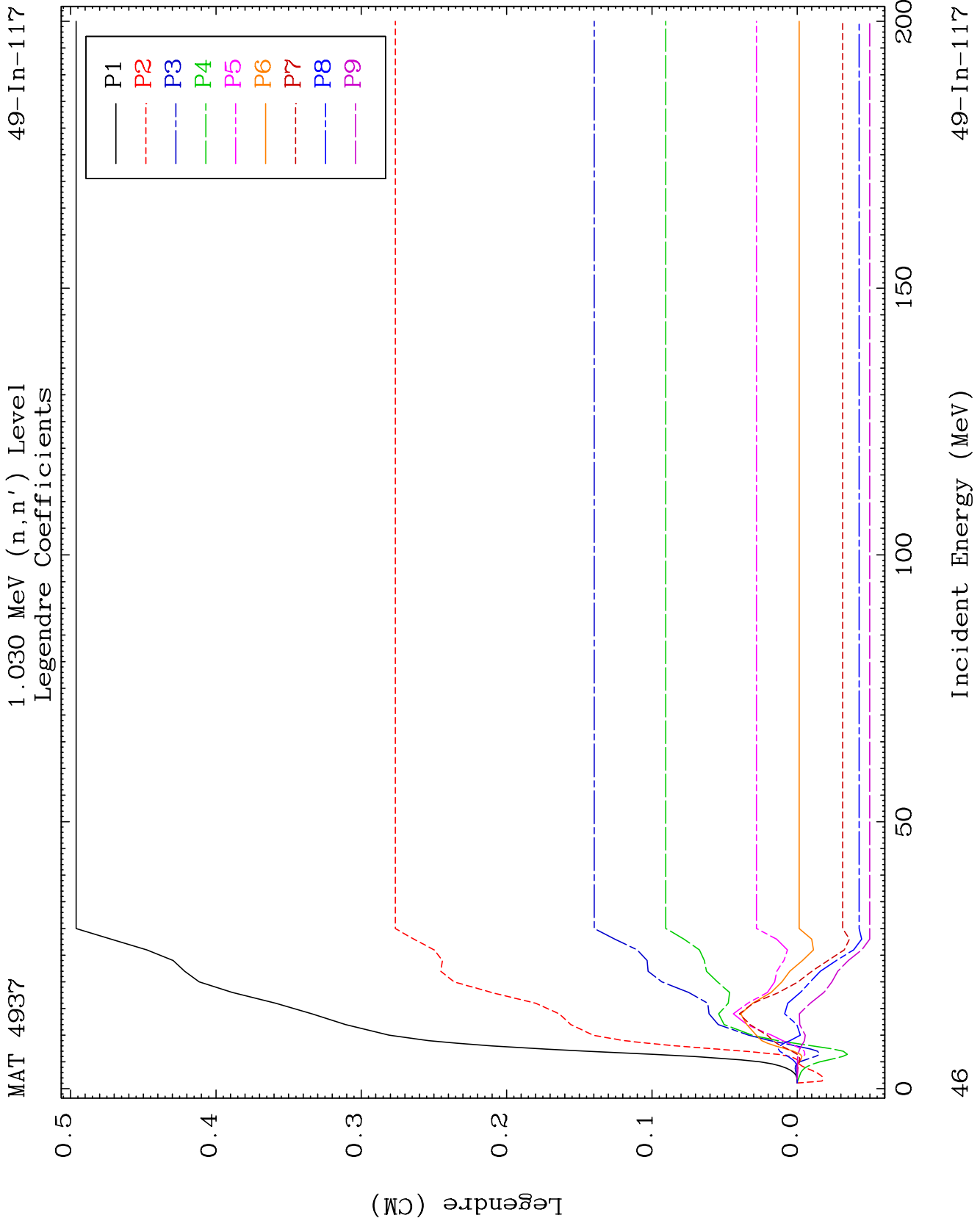


44

Incident Energy (MeV)

49-In-117

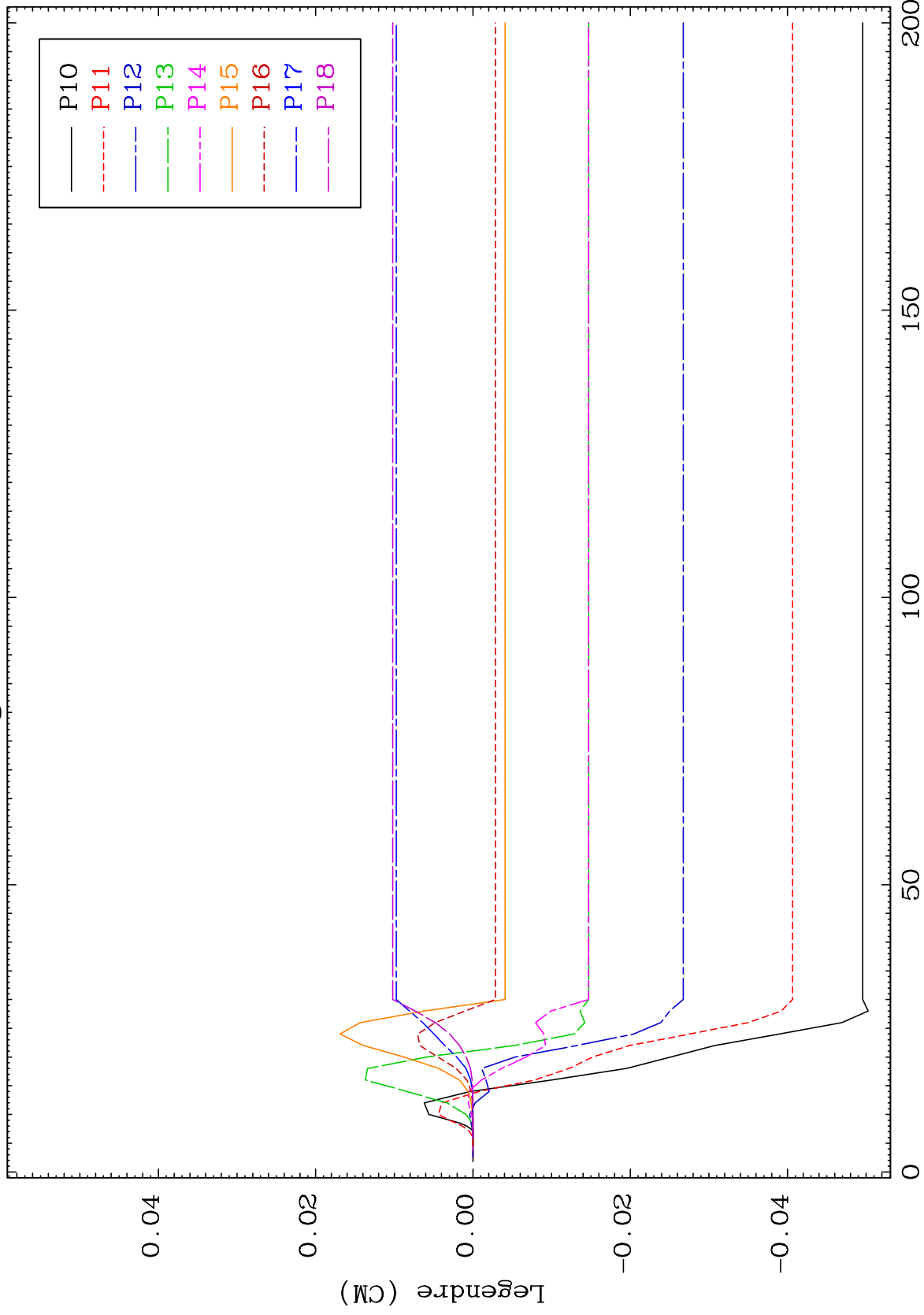




MAT 4937

1.030 MeV (n,n') Level
Legendre Coefficients

49-In-117



47

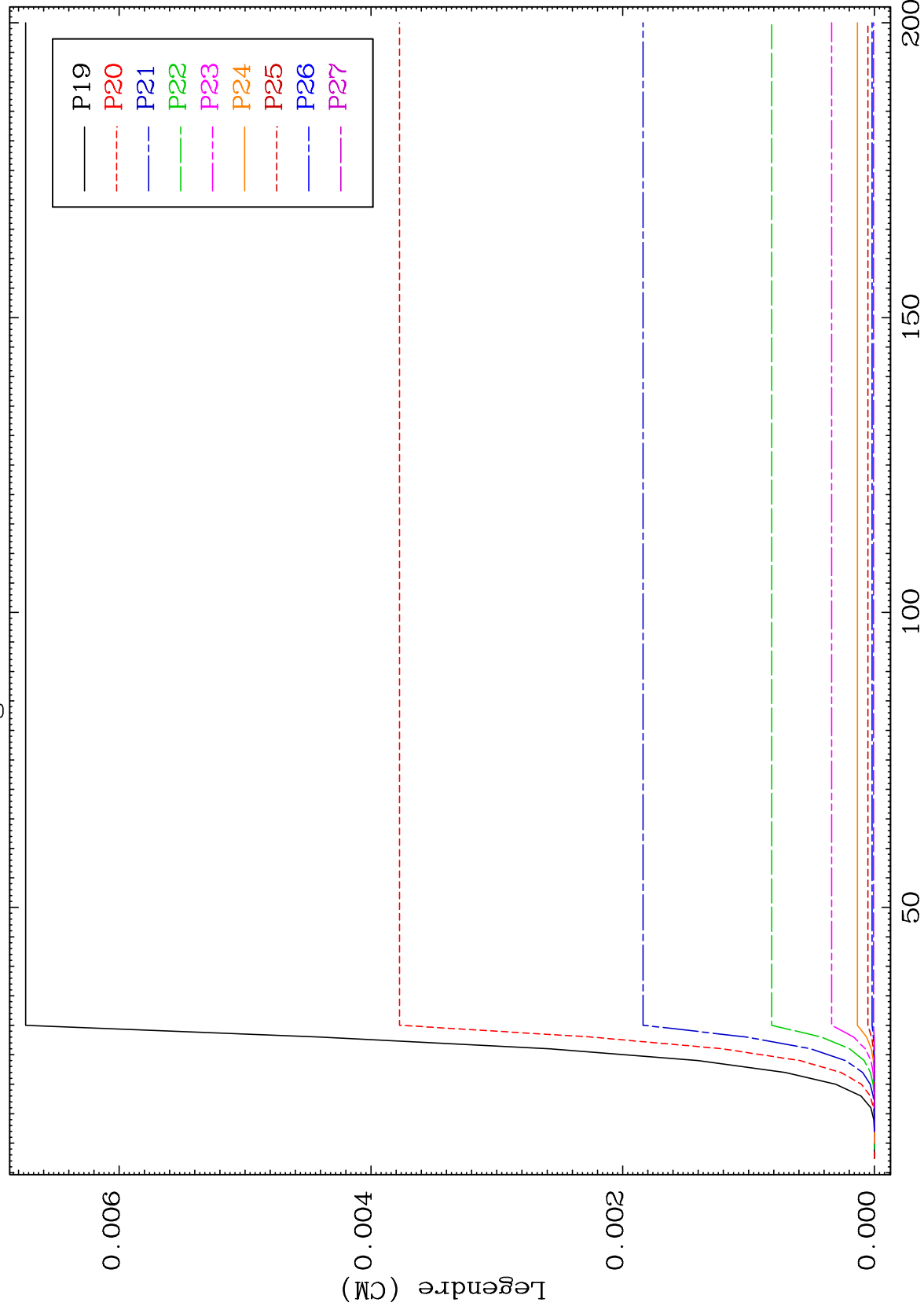
Incident Energy (MeV)

49-In-117

MAT 4937

1.030 MeV (n,n') Level Legendre Coefficients

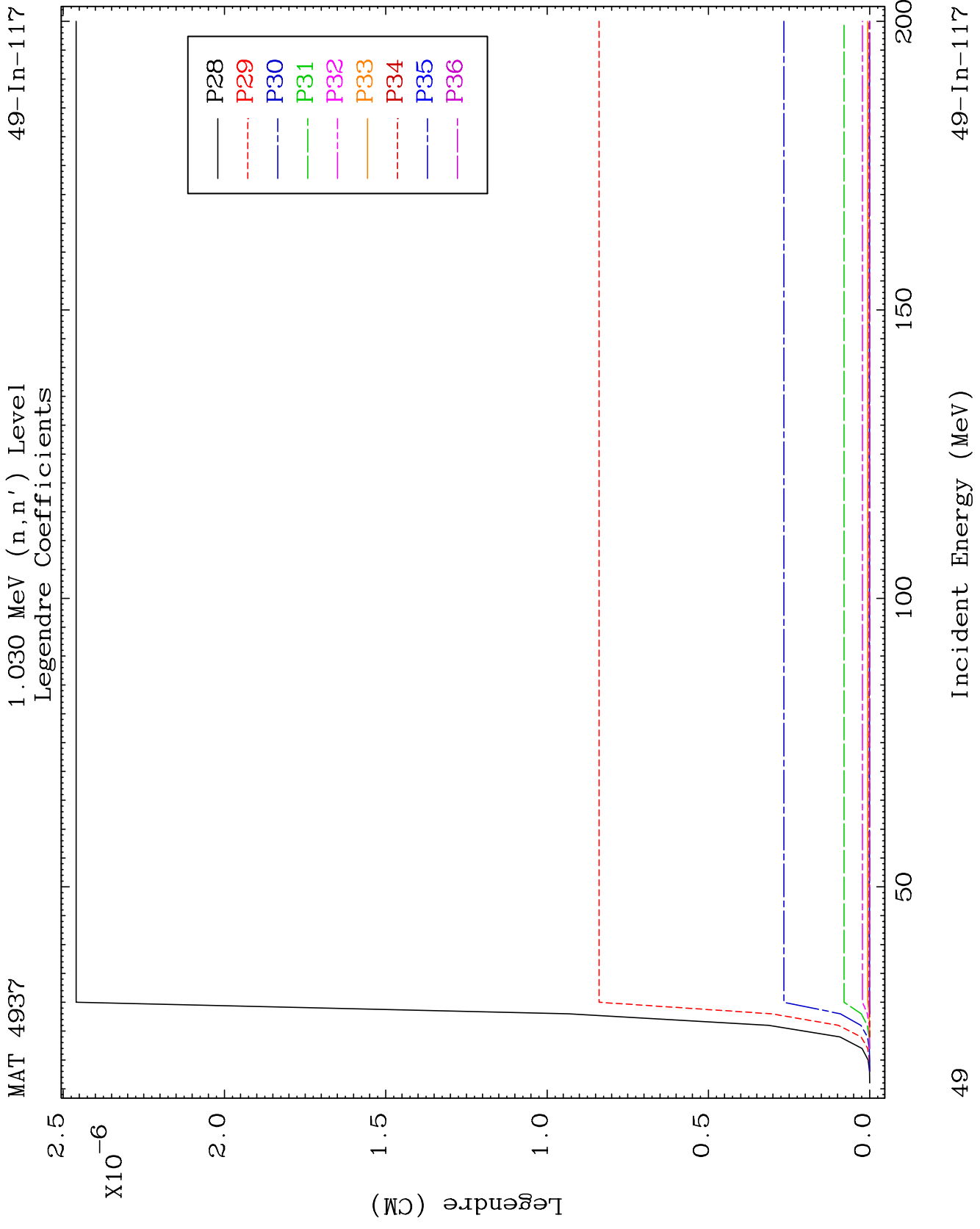
49-In-117



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Incident Energy (MeV)

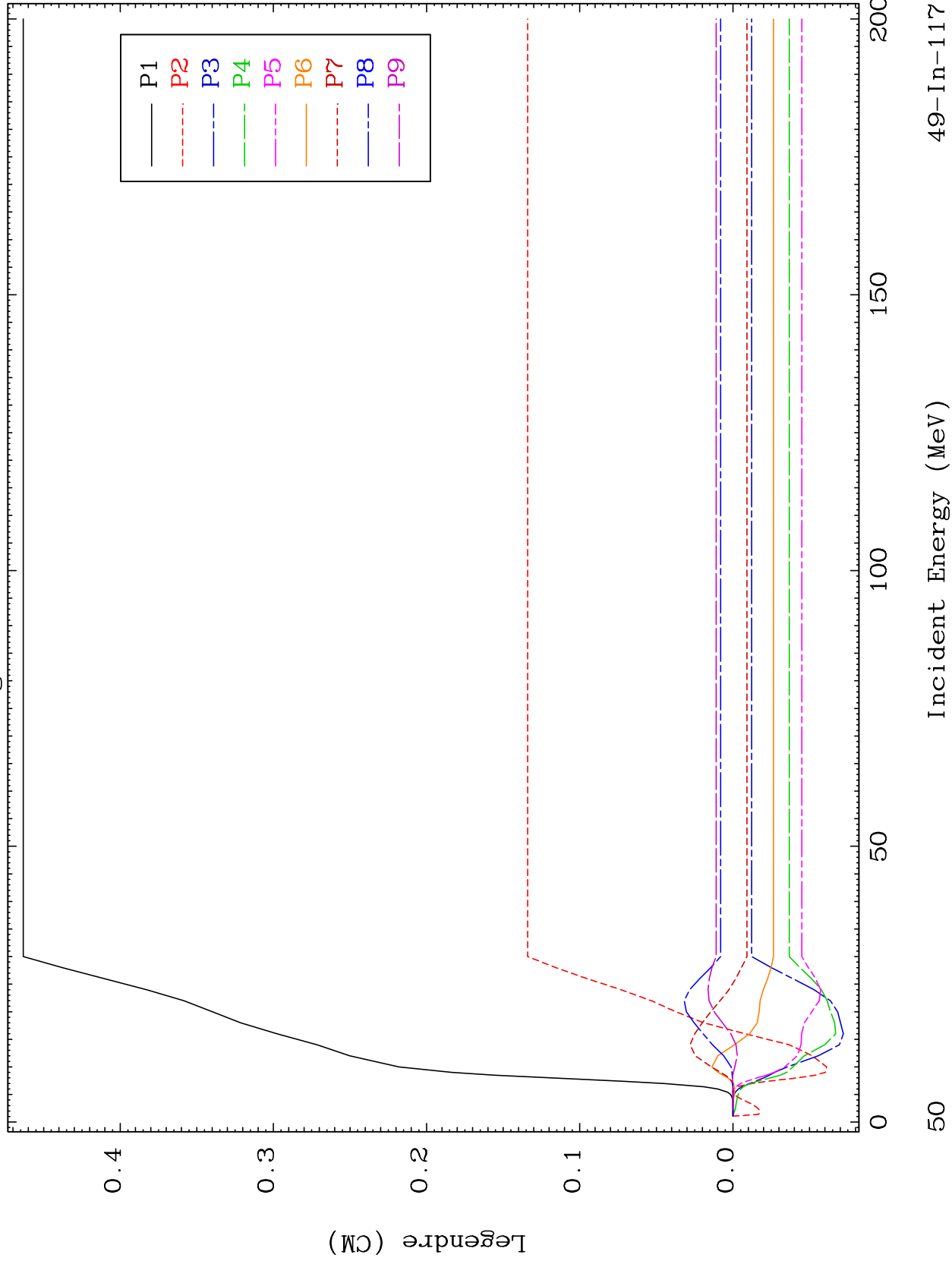
49-In-117



MAT 4937

1.052 MeV (n,n') Level
Legendre Coefficients

49-In-117

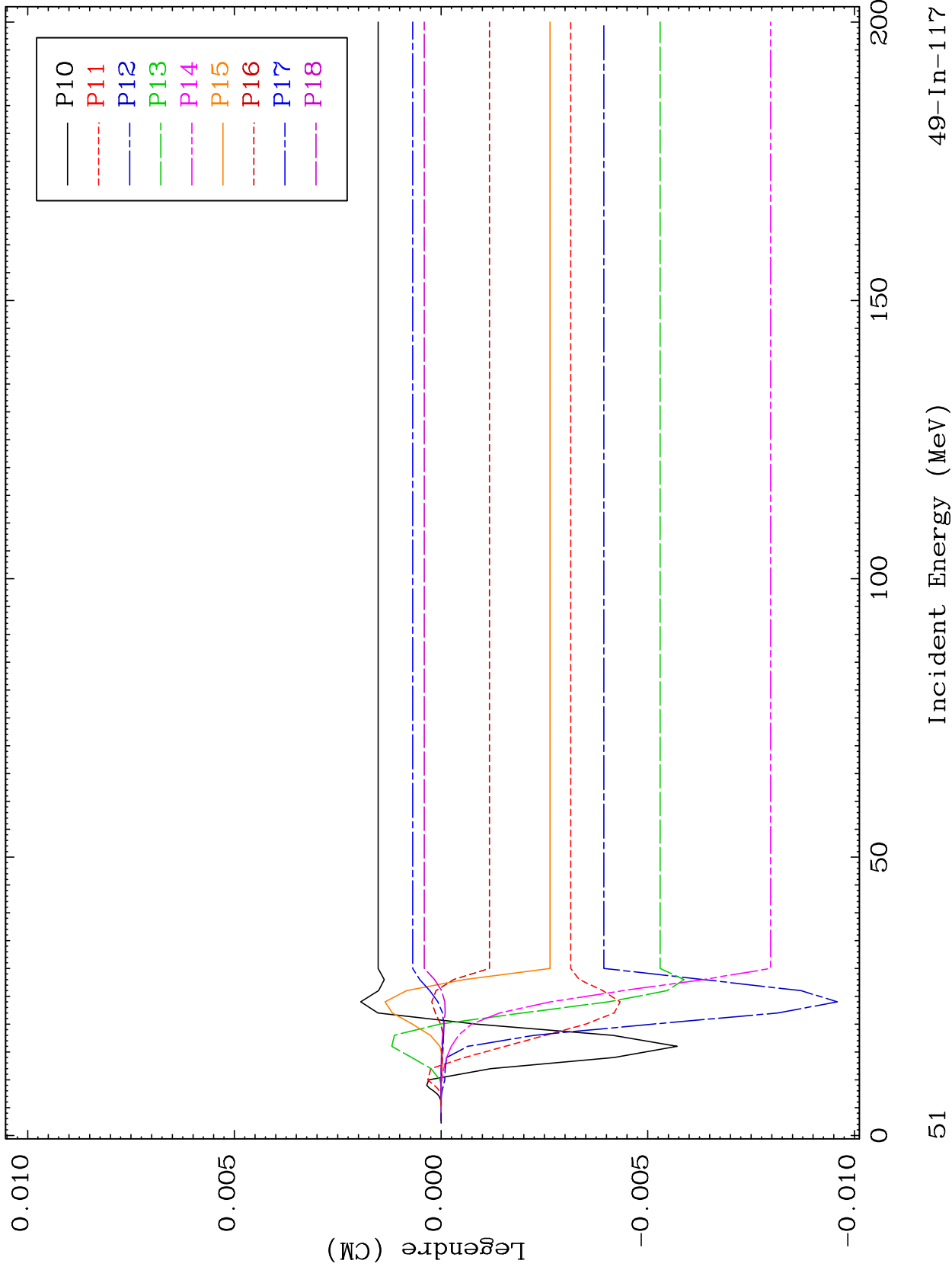


49-In-117

MAT 4937

1.052 MeV (n,n') Level
Legendre Coefficients

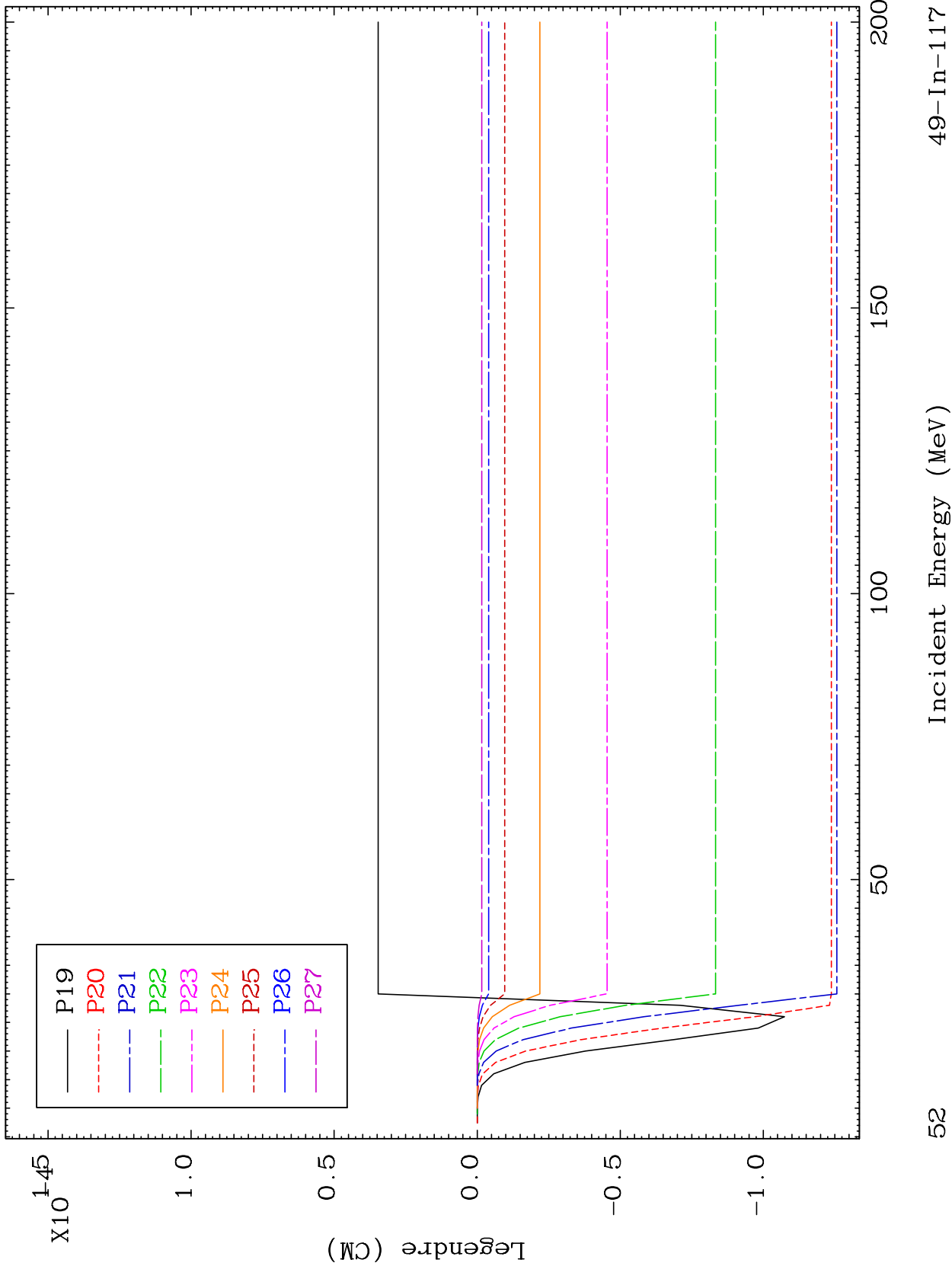
49-In-117

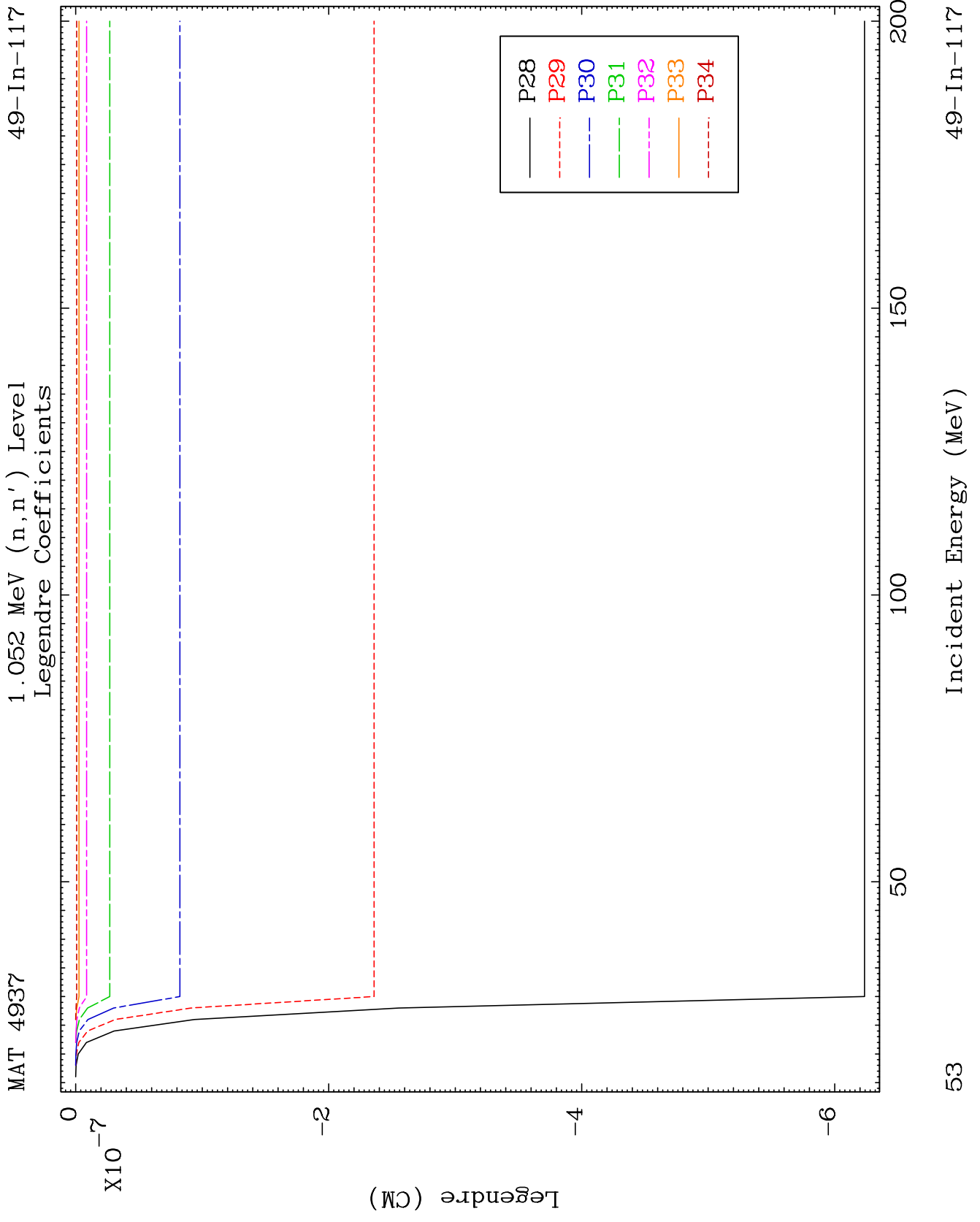


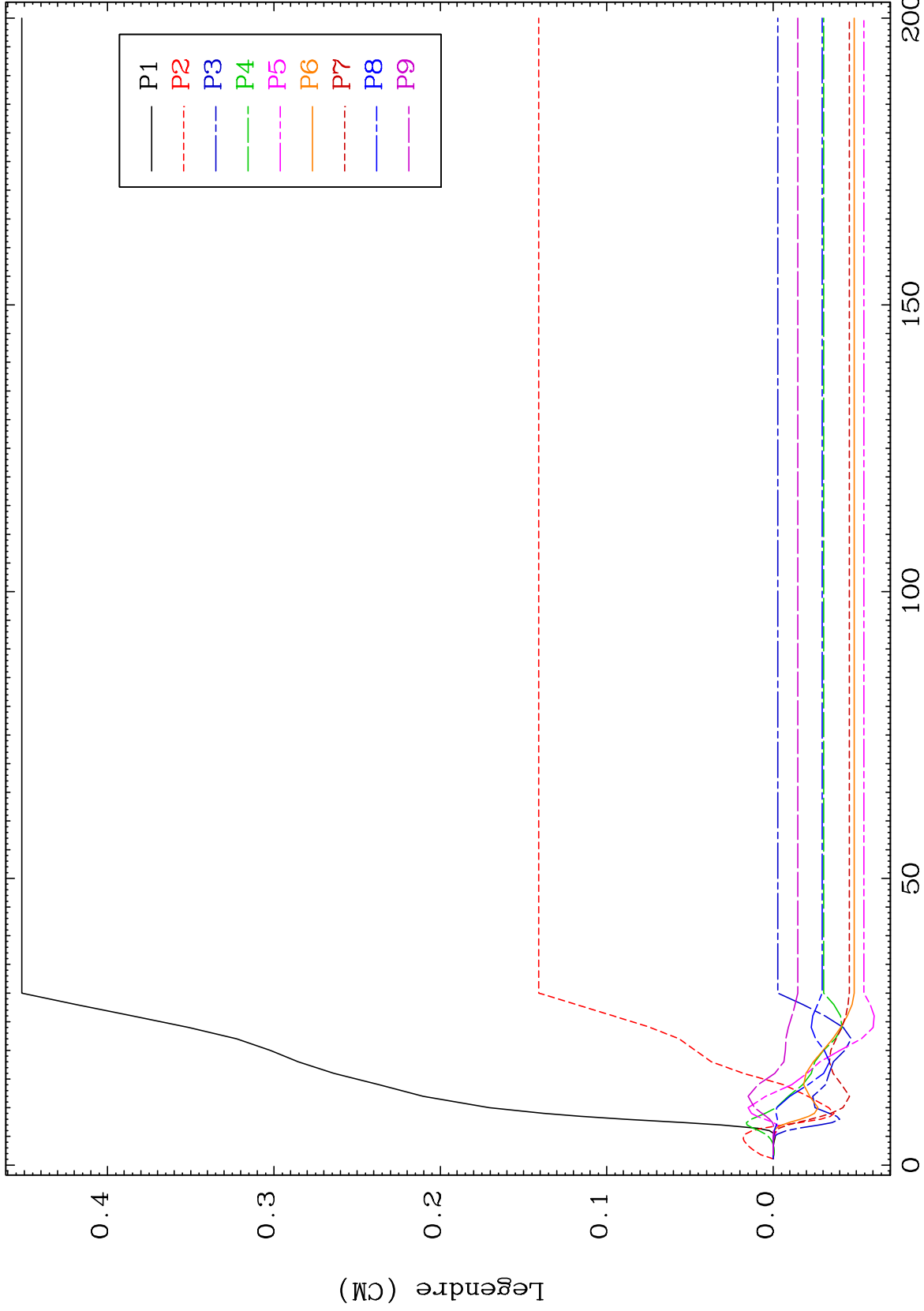
51

Incident Energy (MeV)

49-In-117



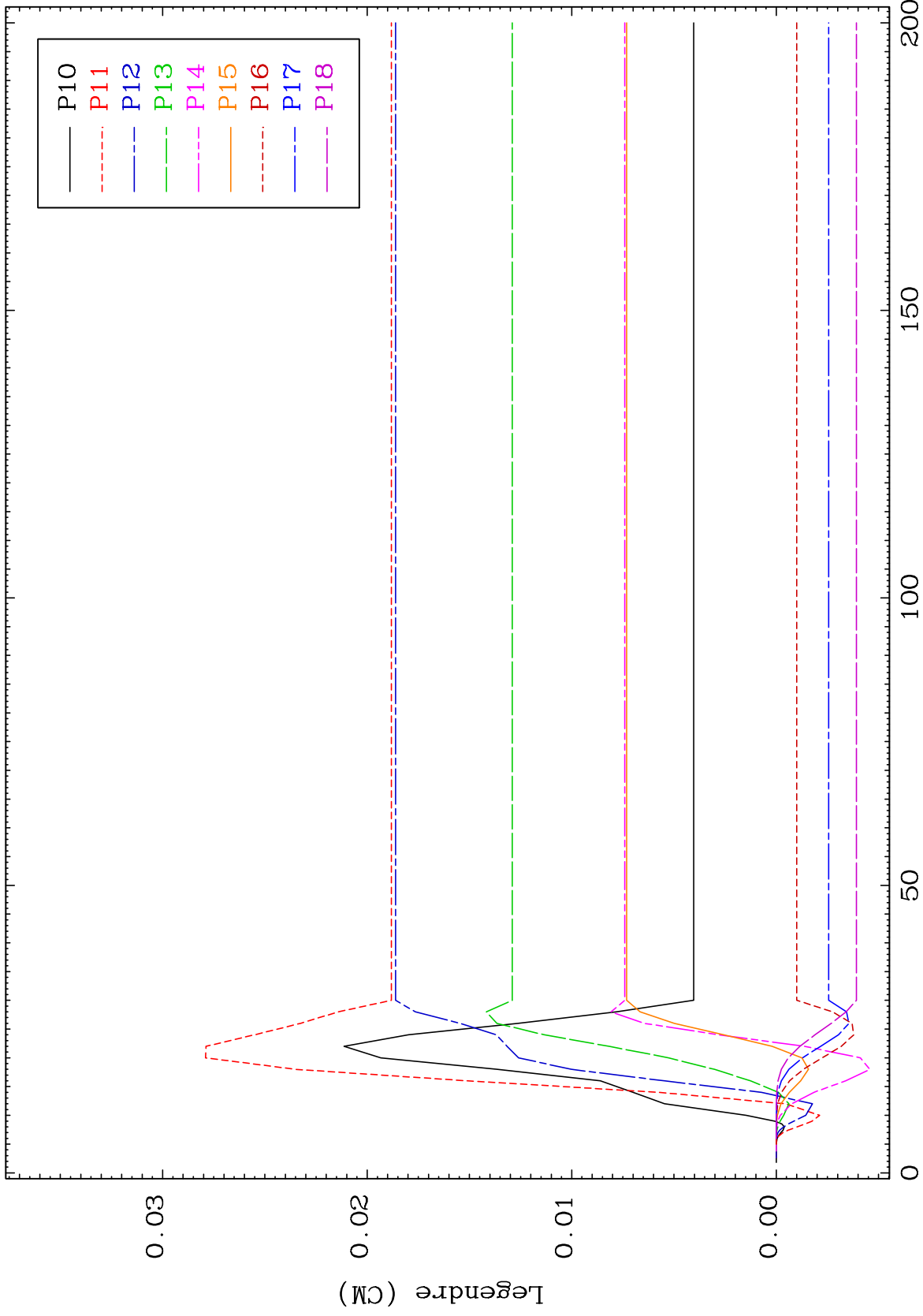




MAT 4937

1.066 MeV (n,n') Level
Legendre Coefficients

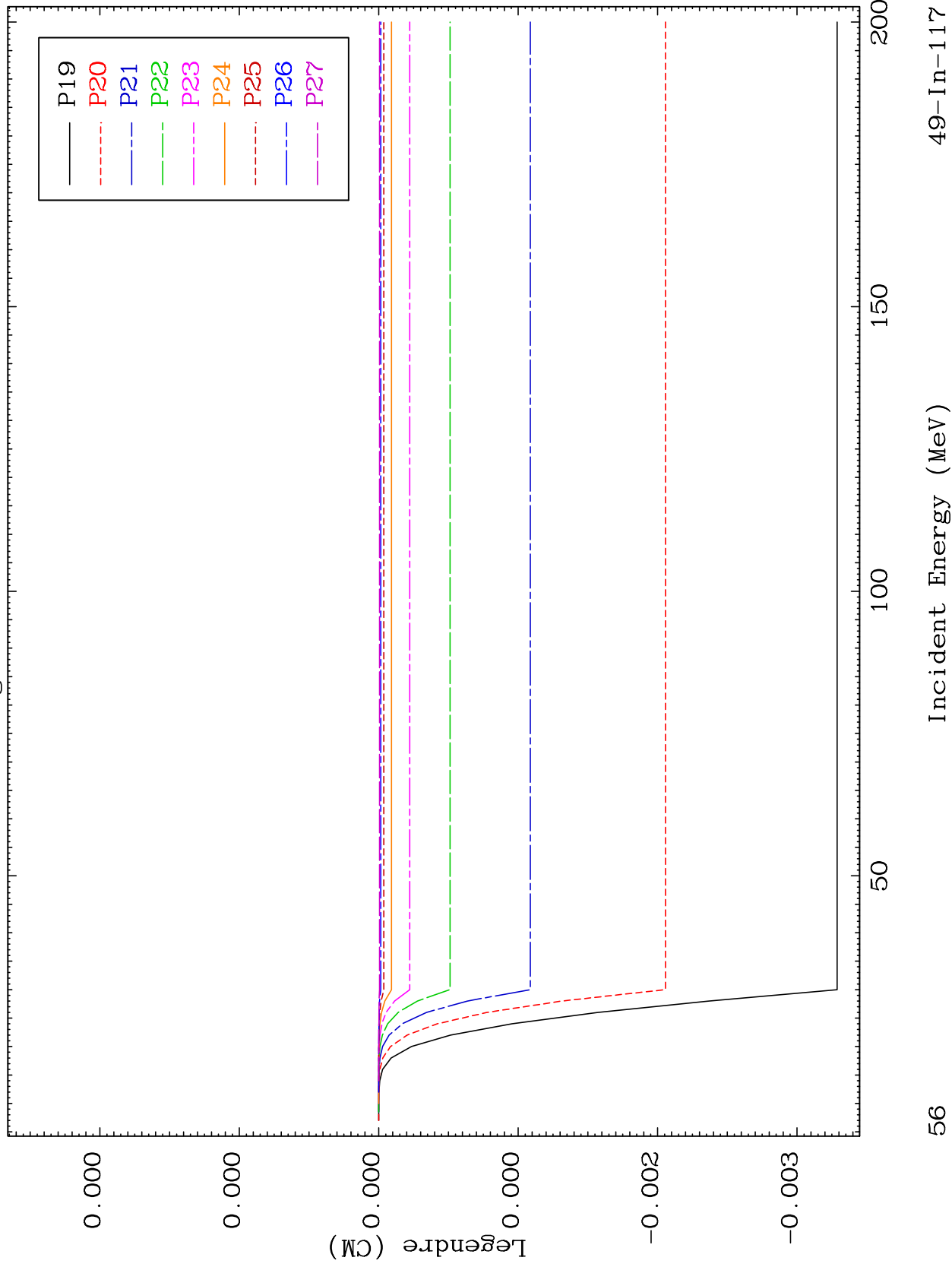
49-In-117

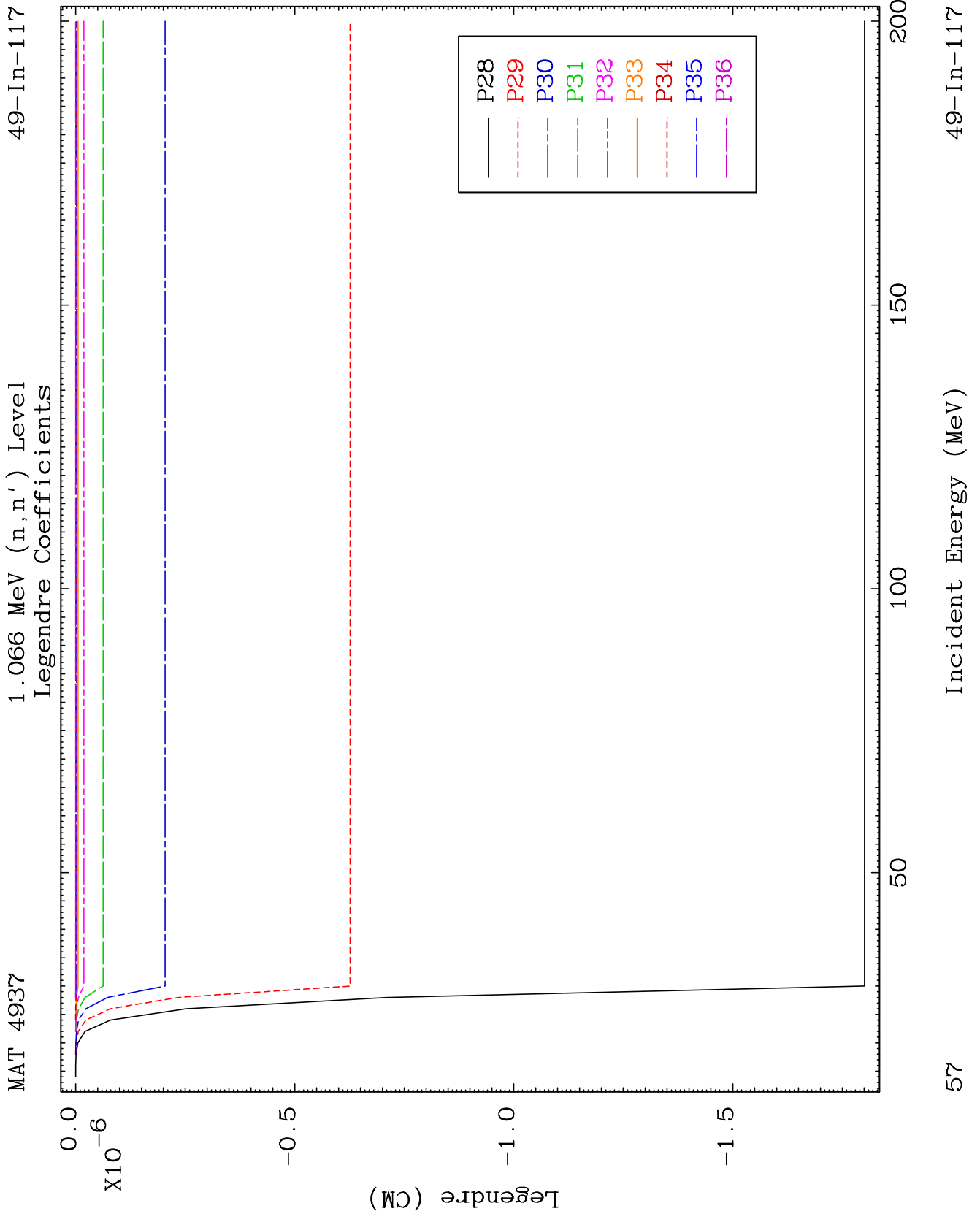


49-In-117

Incident Energy (MeV)

55

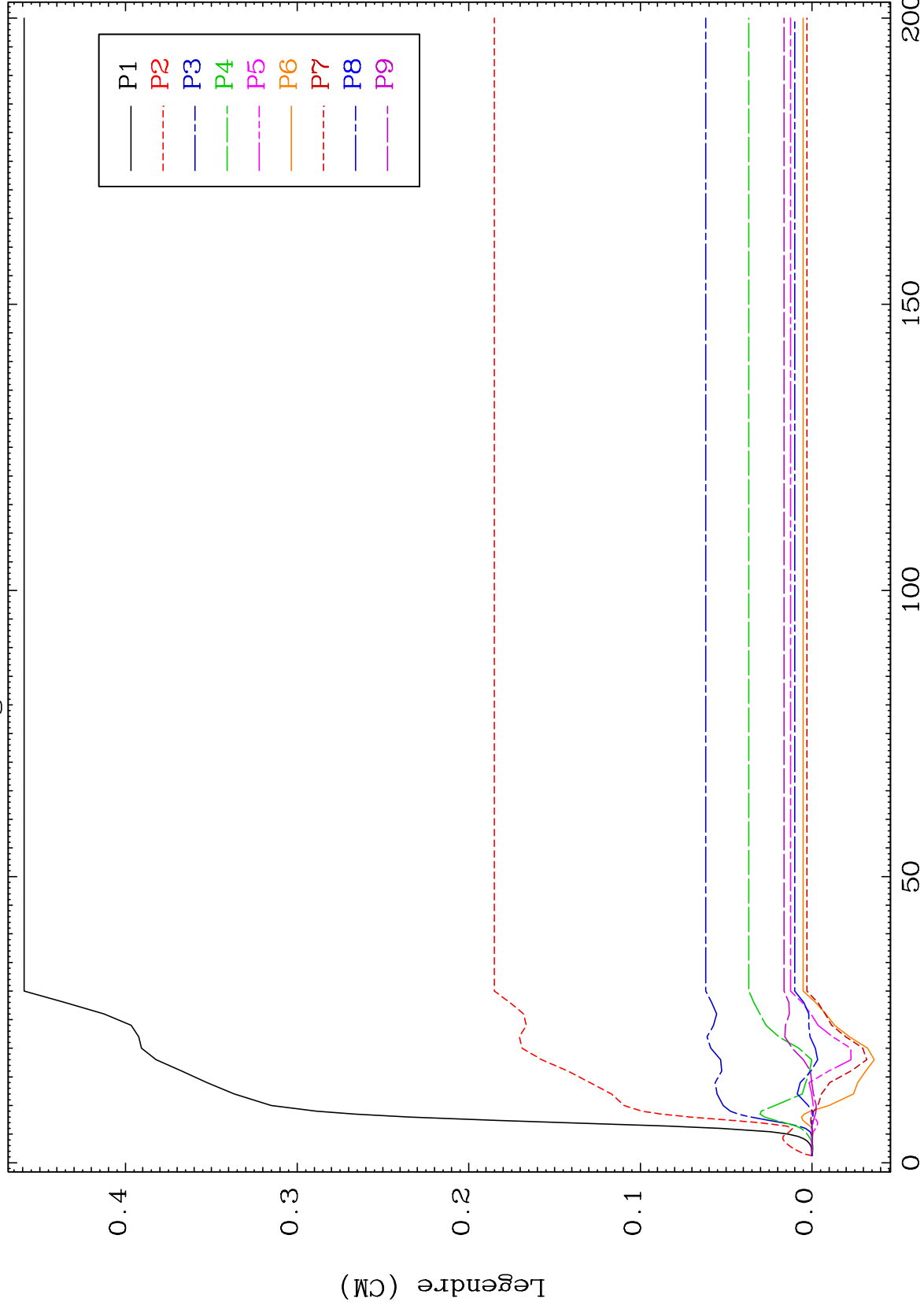




MAT 4937

1.209 MeV (n,n') Level
Legendre Coefficients

49-In-117



58

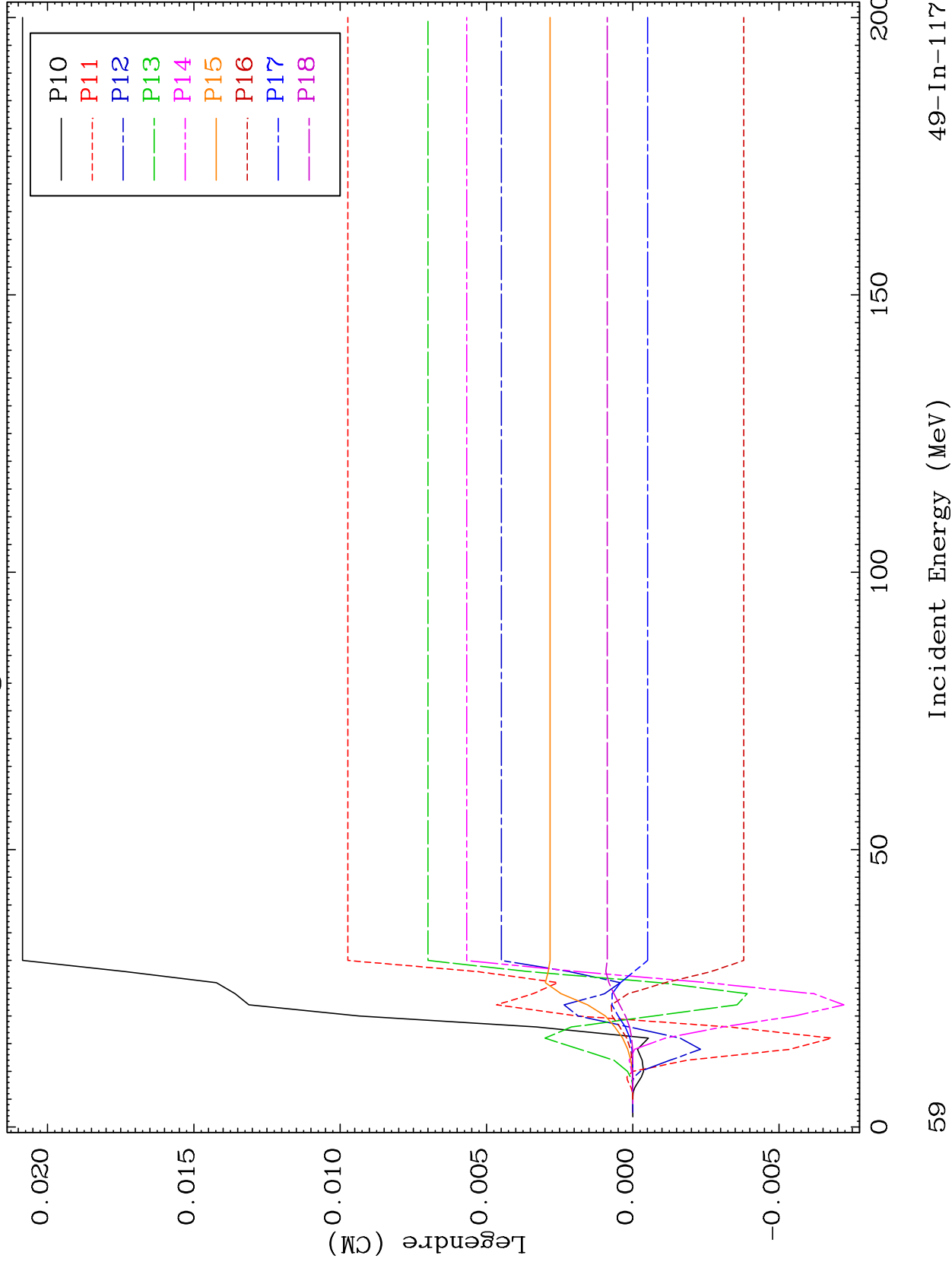
Incident Energy (MeV)

49-In-117

MAT 4937

1.209 MeV (n,n') Level
Legendre Coefficients

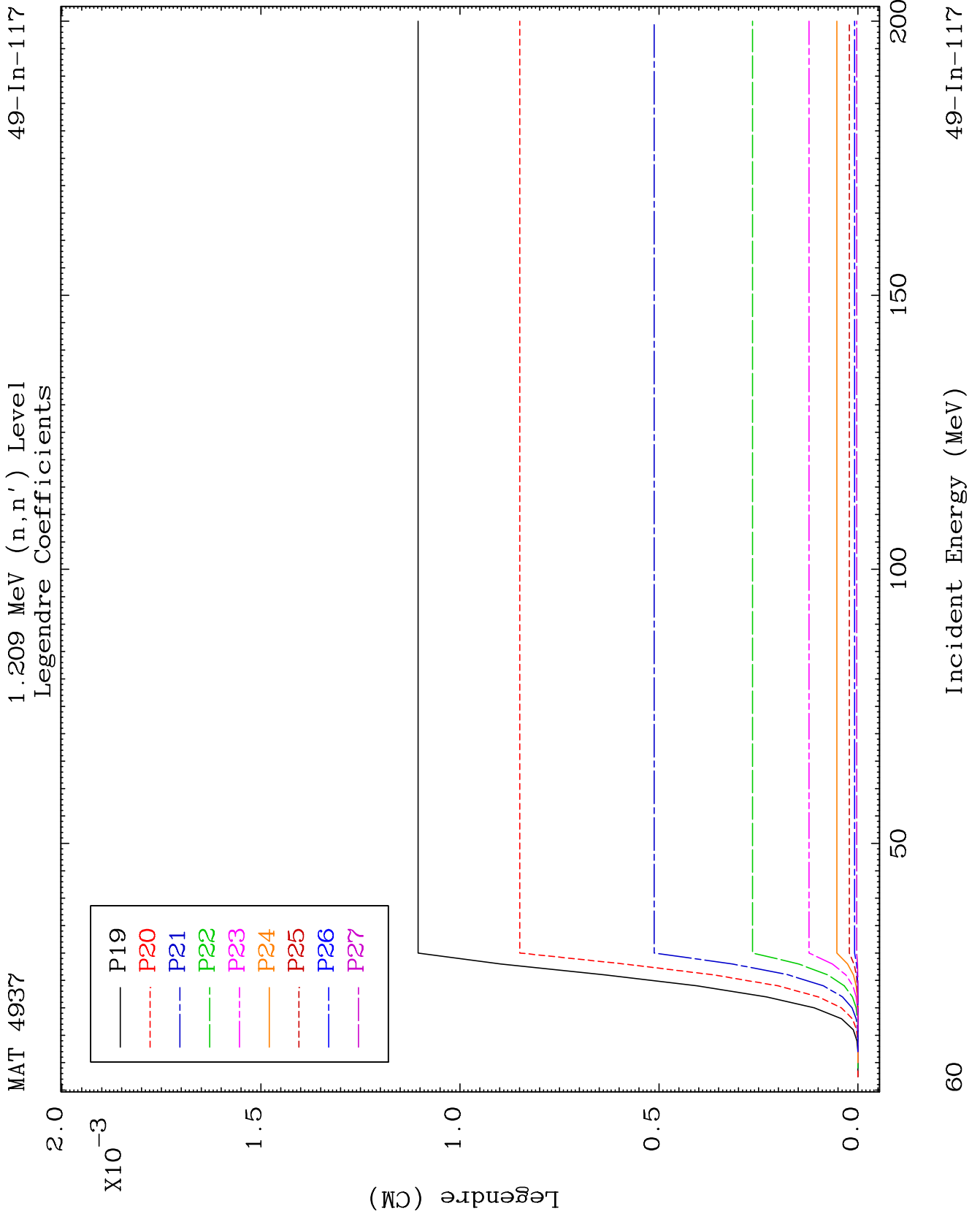
49-In-117

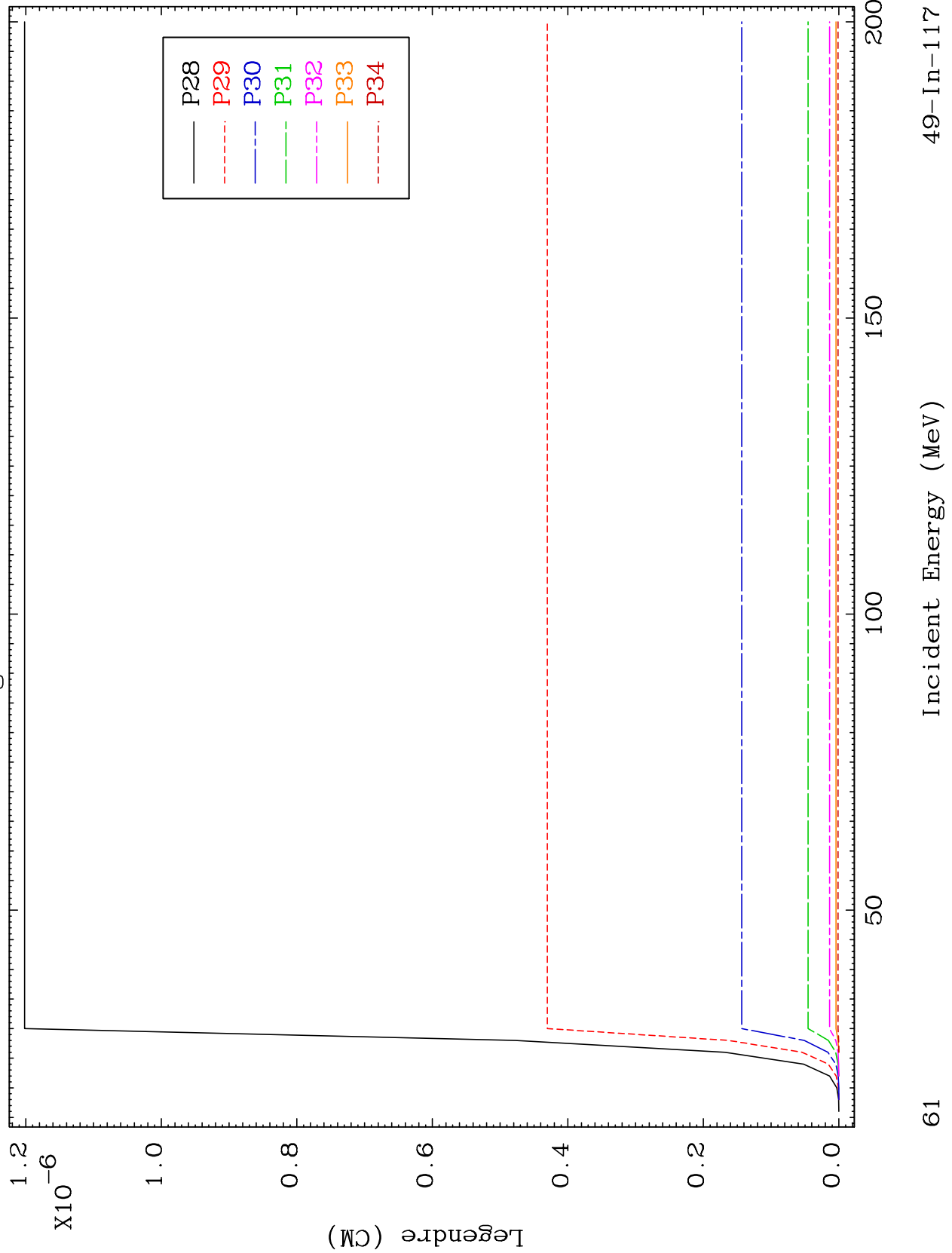


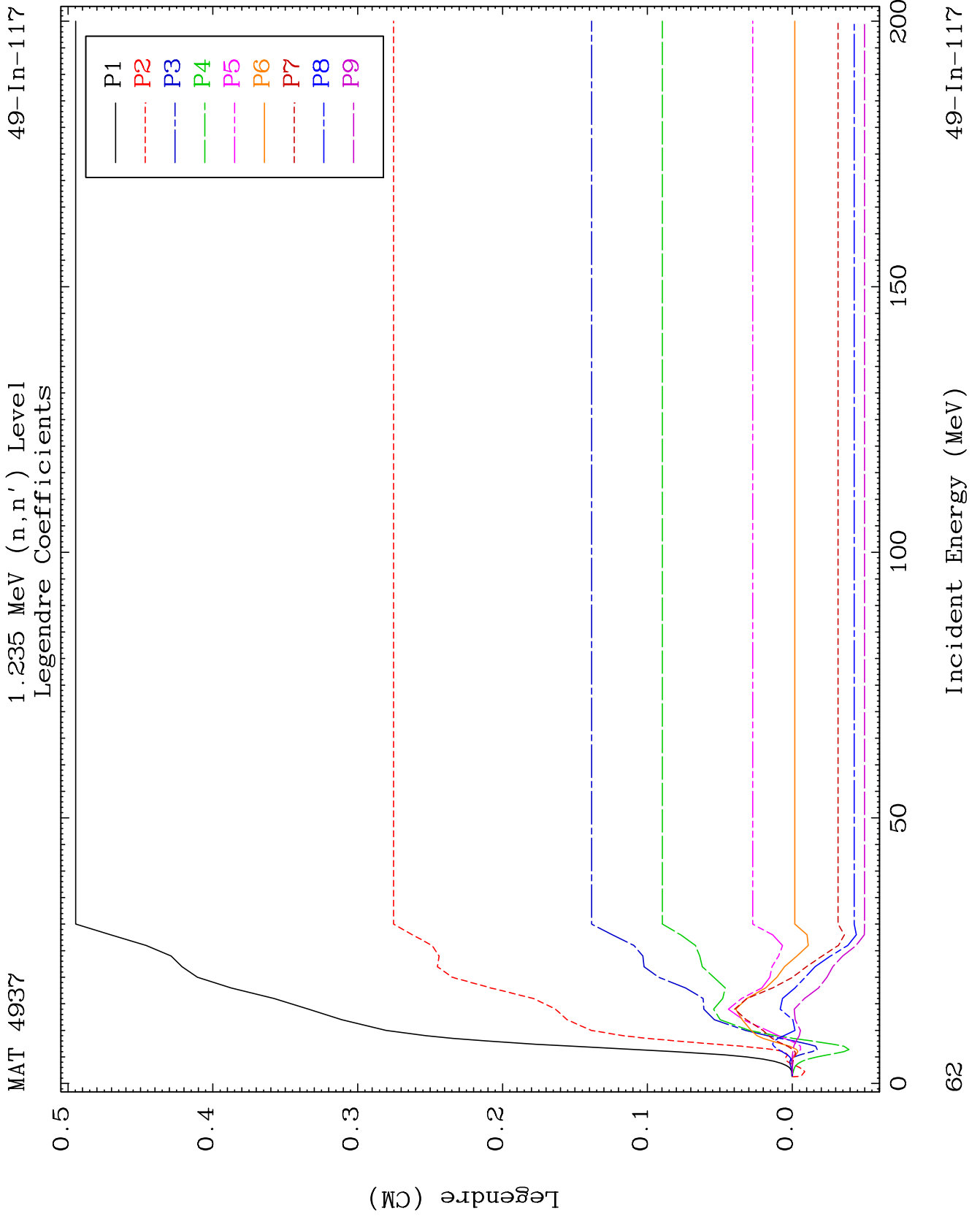
49-In-117

Incident Energy (MeV)

59



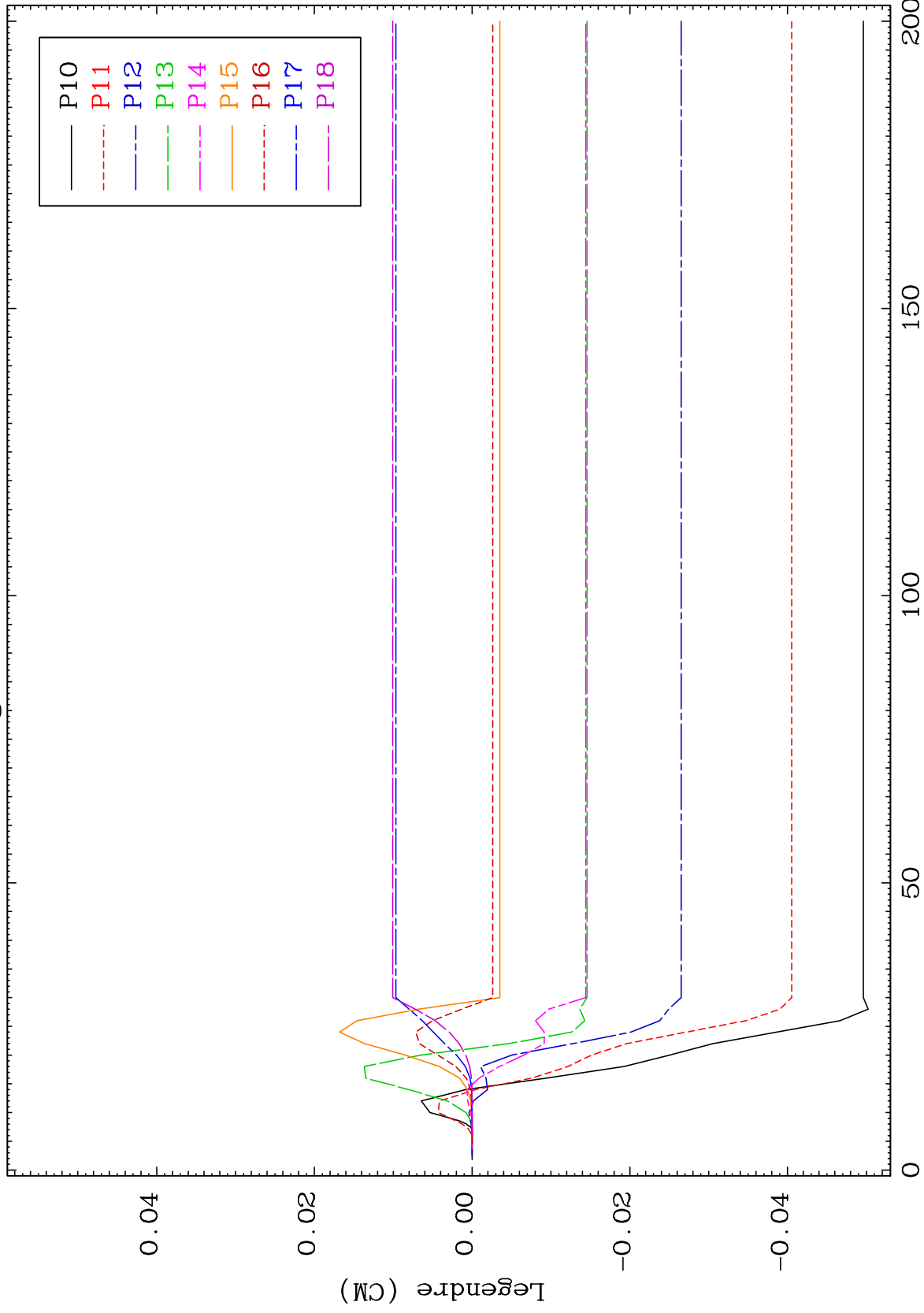




MAT 4937

1.235 MeV (n,n') Level
Legendre Coefficients

49-In-117



63

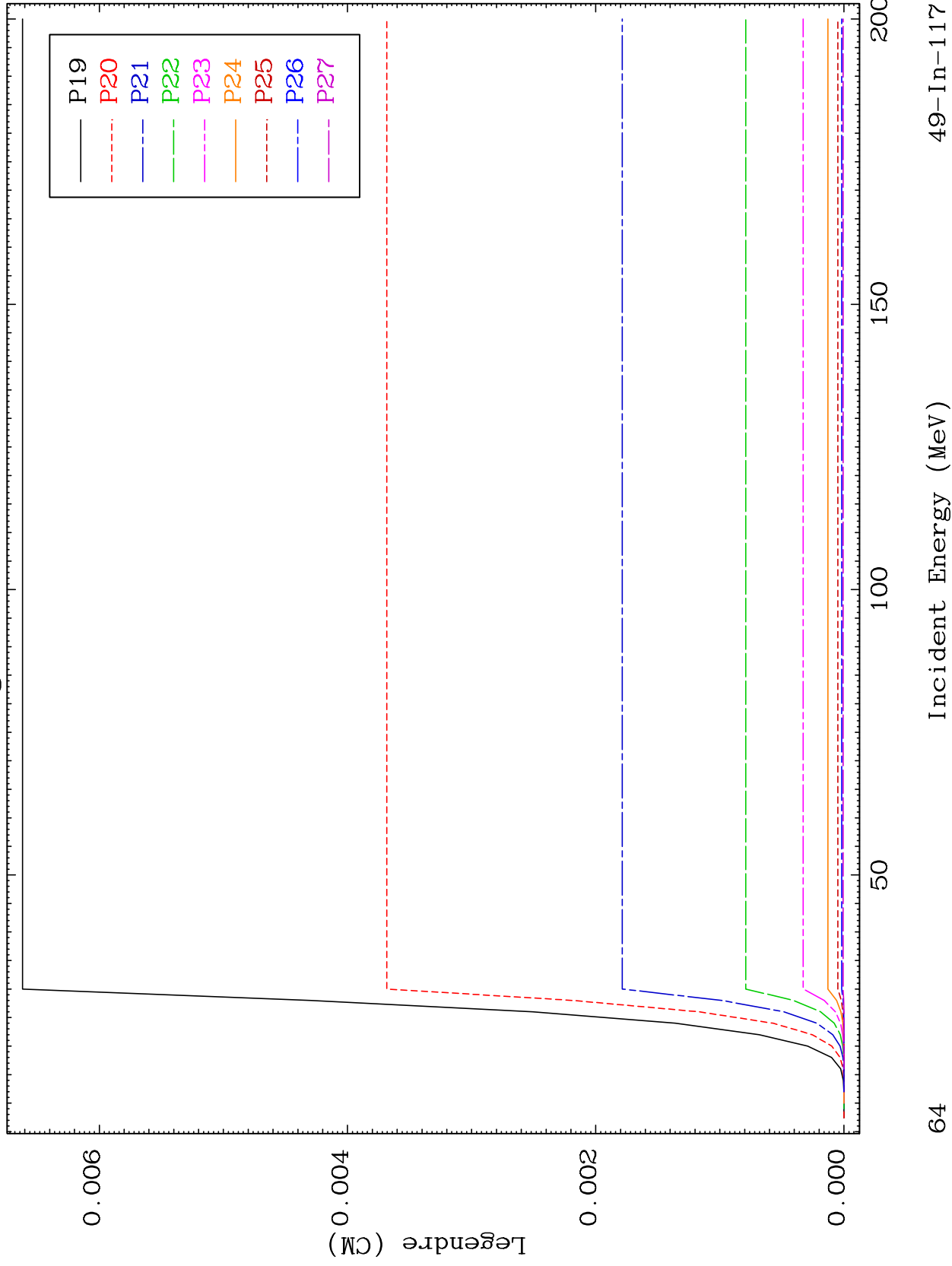
Incident Energy (MeV)

49-In-117

MAT 4937

1.235 MeV (n,n') Level
Legendre Coefficients

49-In-117



64

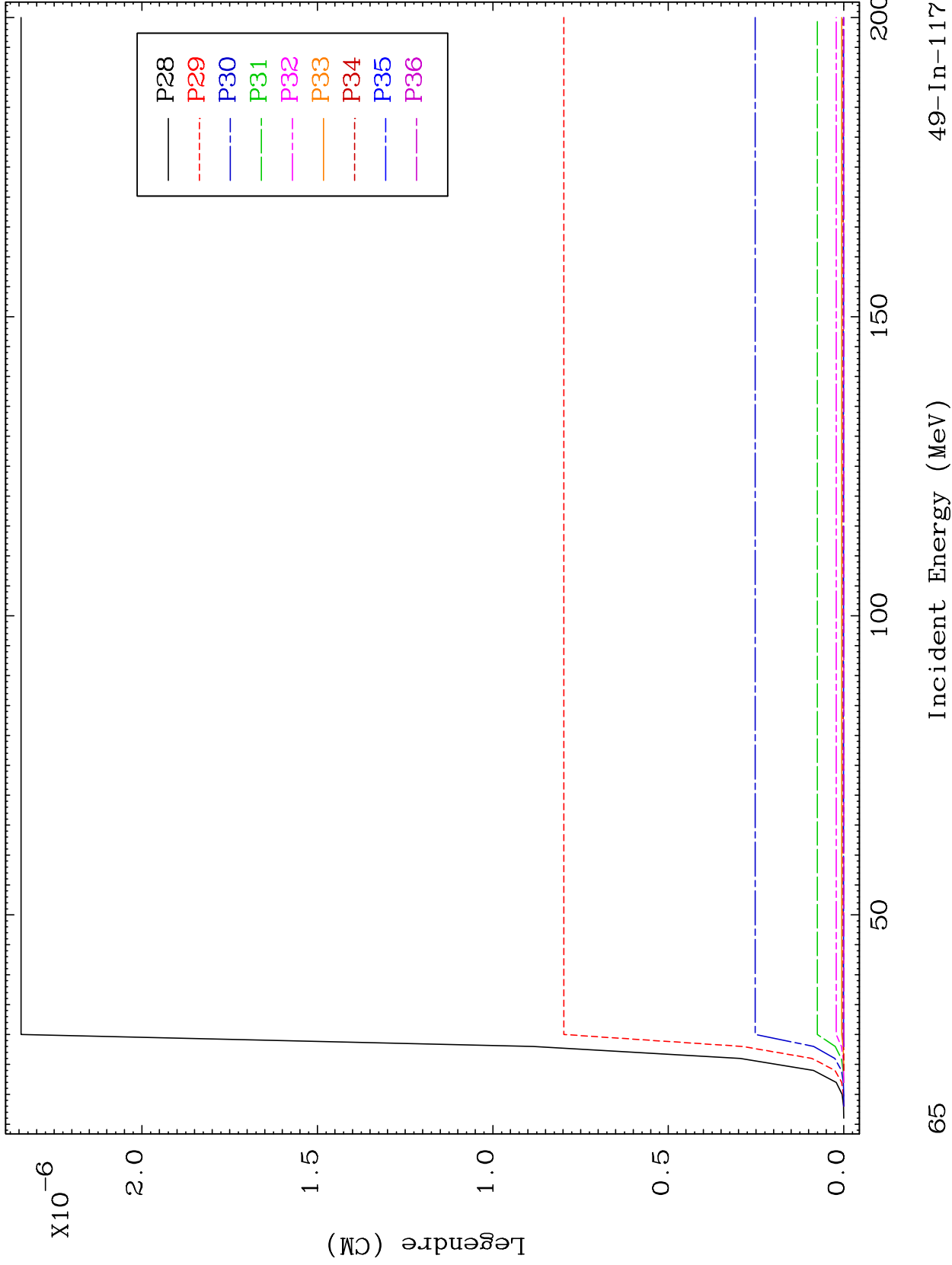
Incident Energy (MeV)

49-In-117

MAT 4937

1.235 MeV (n,n') Level
Legendre Coefficients

49-In-117



65

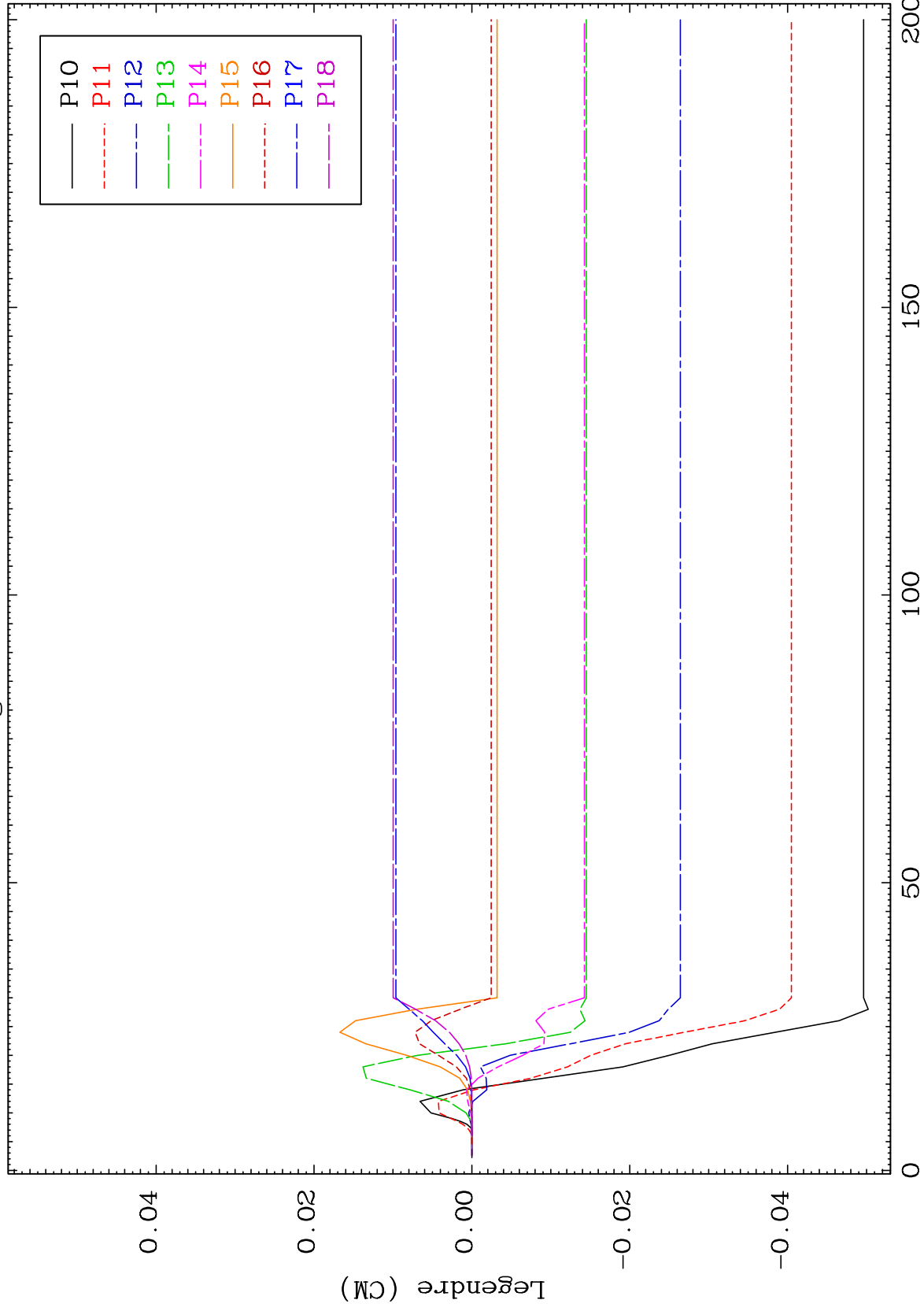
Incident Energy (MeV)

49-In-117

MAT 4937

1.360 MeV (n,n') Level Legendre Coefficients

49-In-117



67

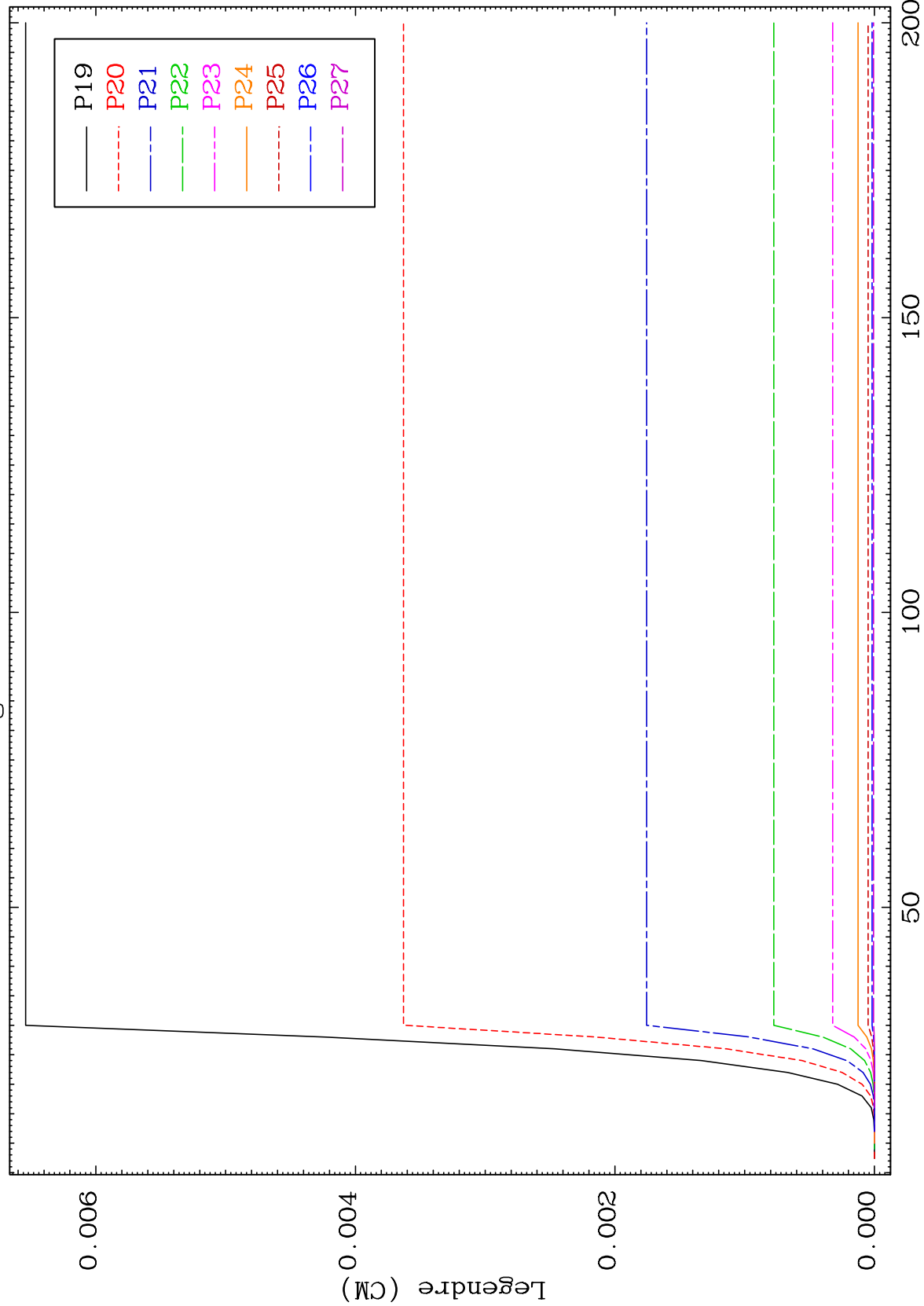
Incident Energy (MeV)

49-In-117

MAT 4937

1.360 MeV (n,n') Level
Legendre Coefficients

49-In-117



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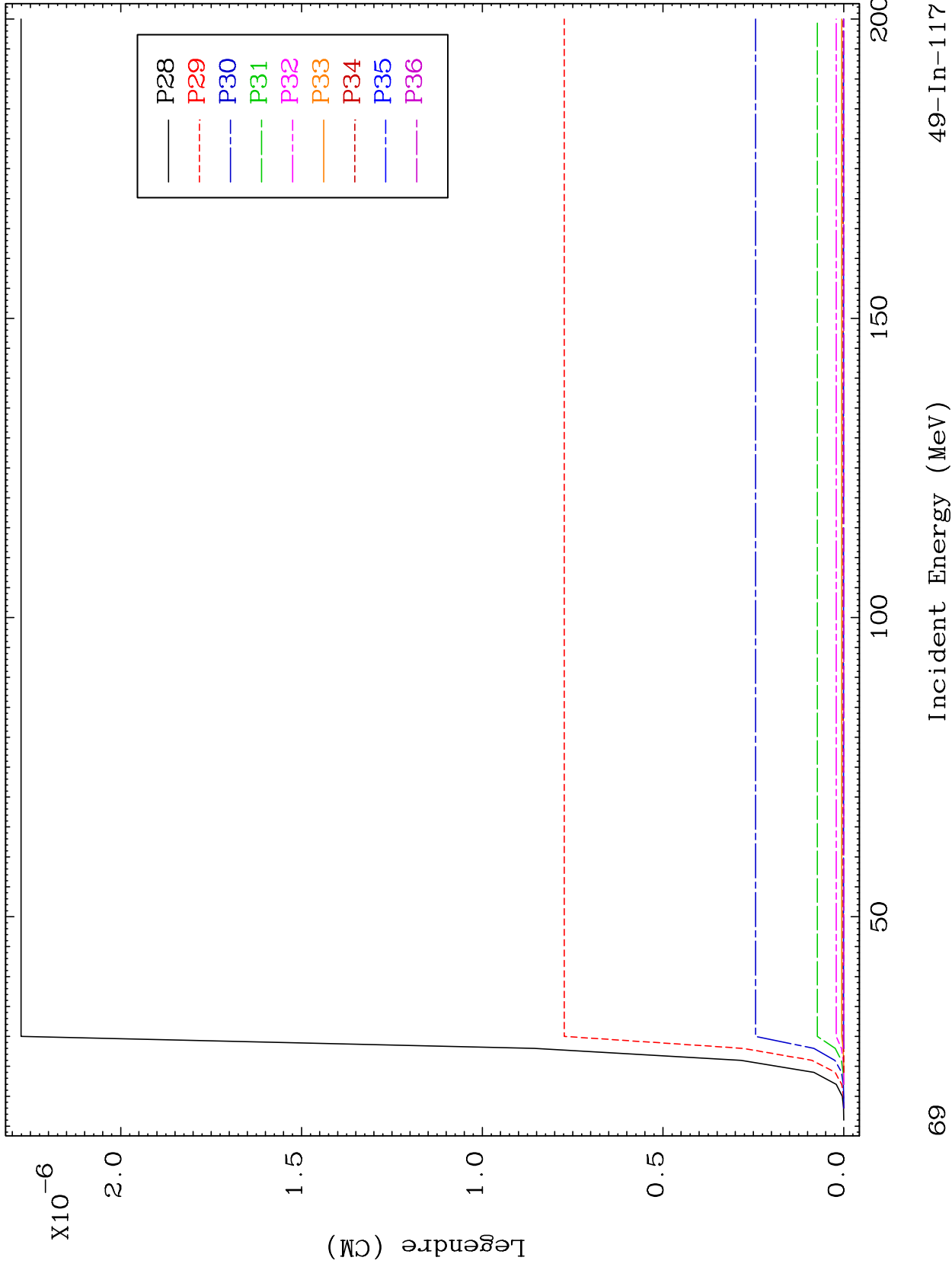
Incident Energy (MeV)

49-In-117

MAT 4937

1.360 MeV (n,n') Level
Legendre Coefficients

49-In-117



69

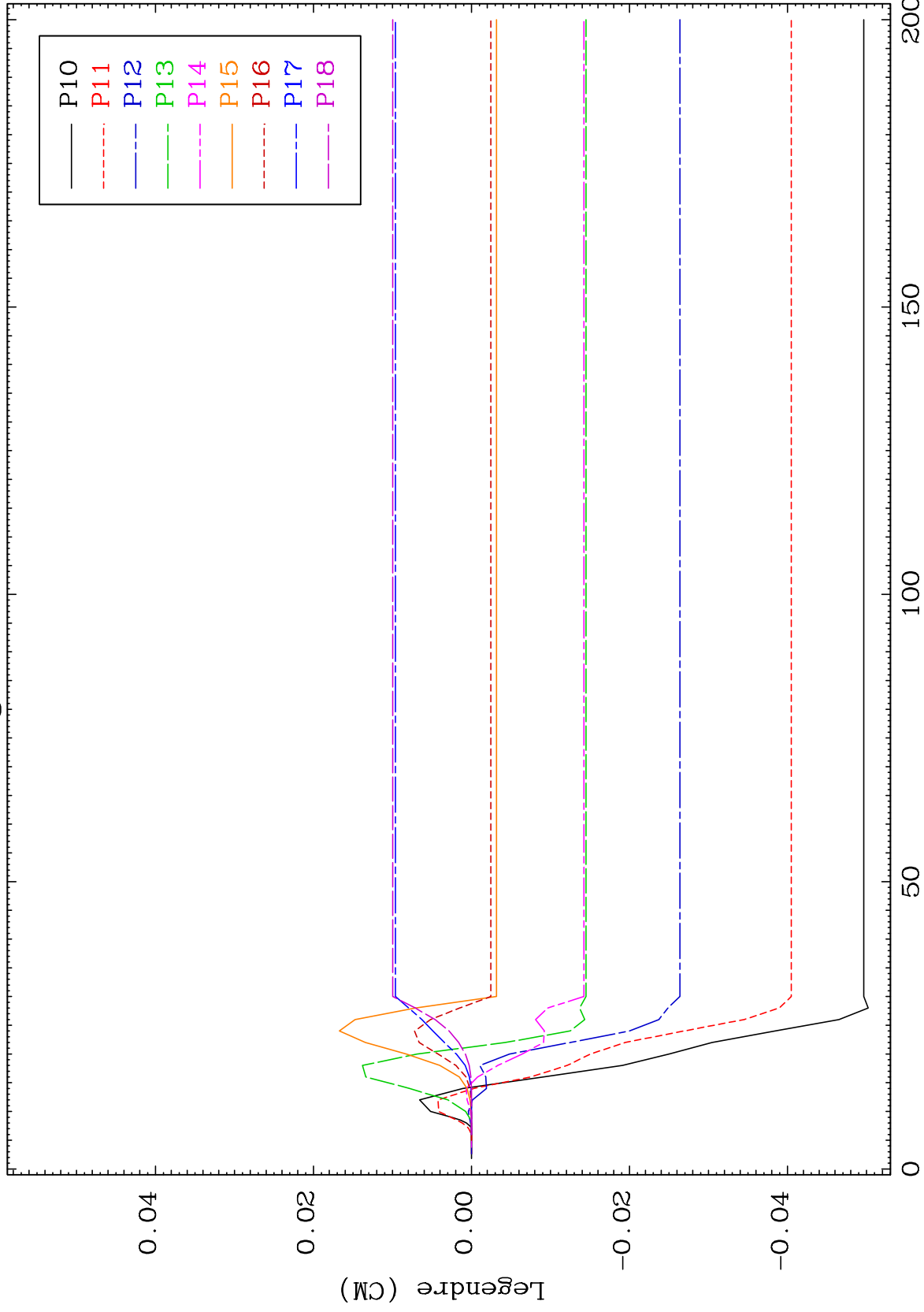
Incident Energy (MeV)

49-In-117

MAT 4937

1.366 MeV (n,n') Level
Legendre Coefficients

49-In-117



71

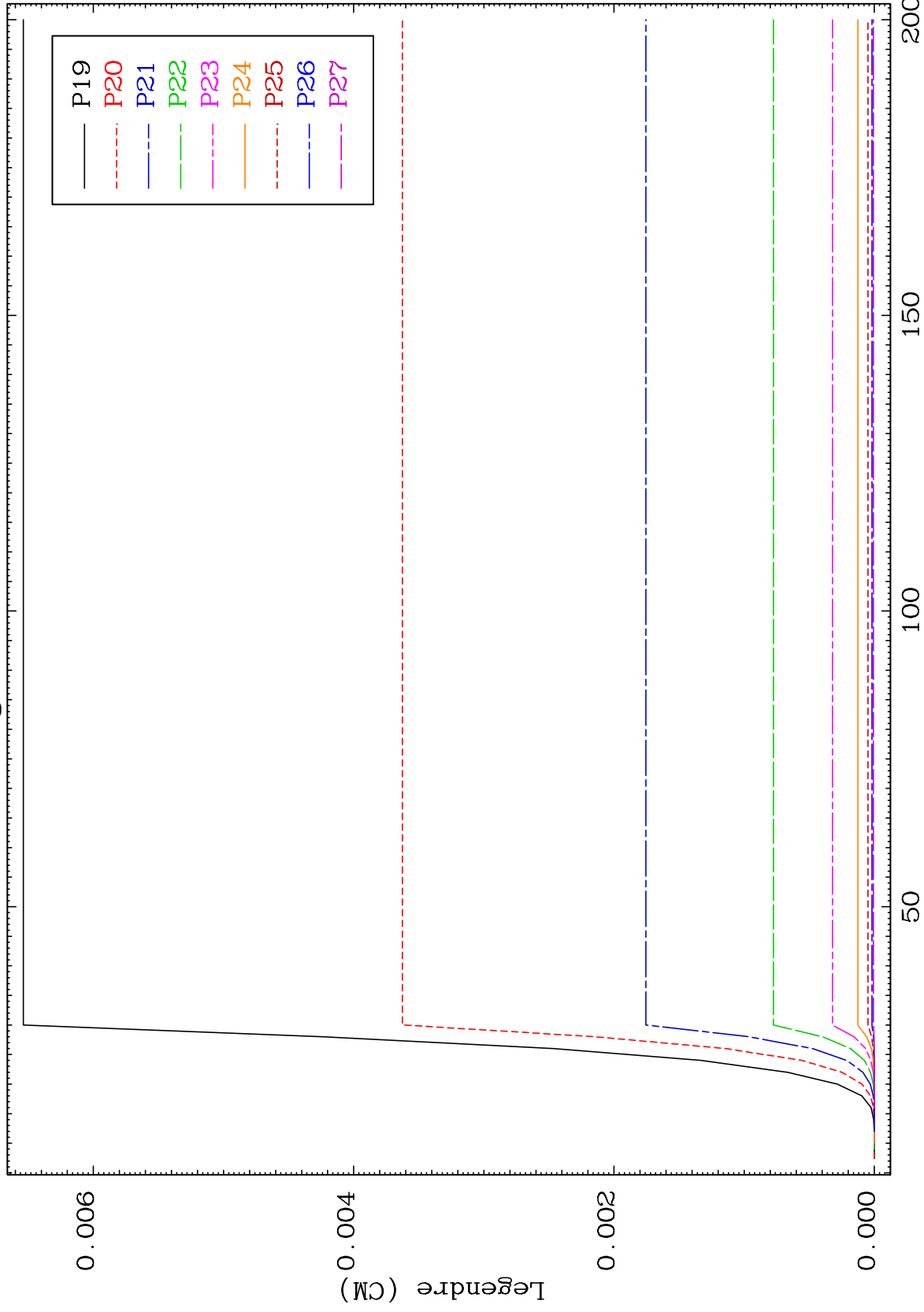
Incident Energy (MeV)

49-In-117

MAT 4937

1.366 MeV (n,n') Level
Legendre Coefficients

49-In-117



72

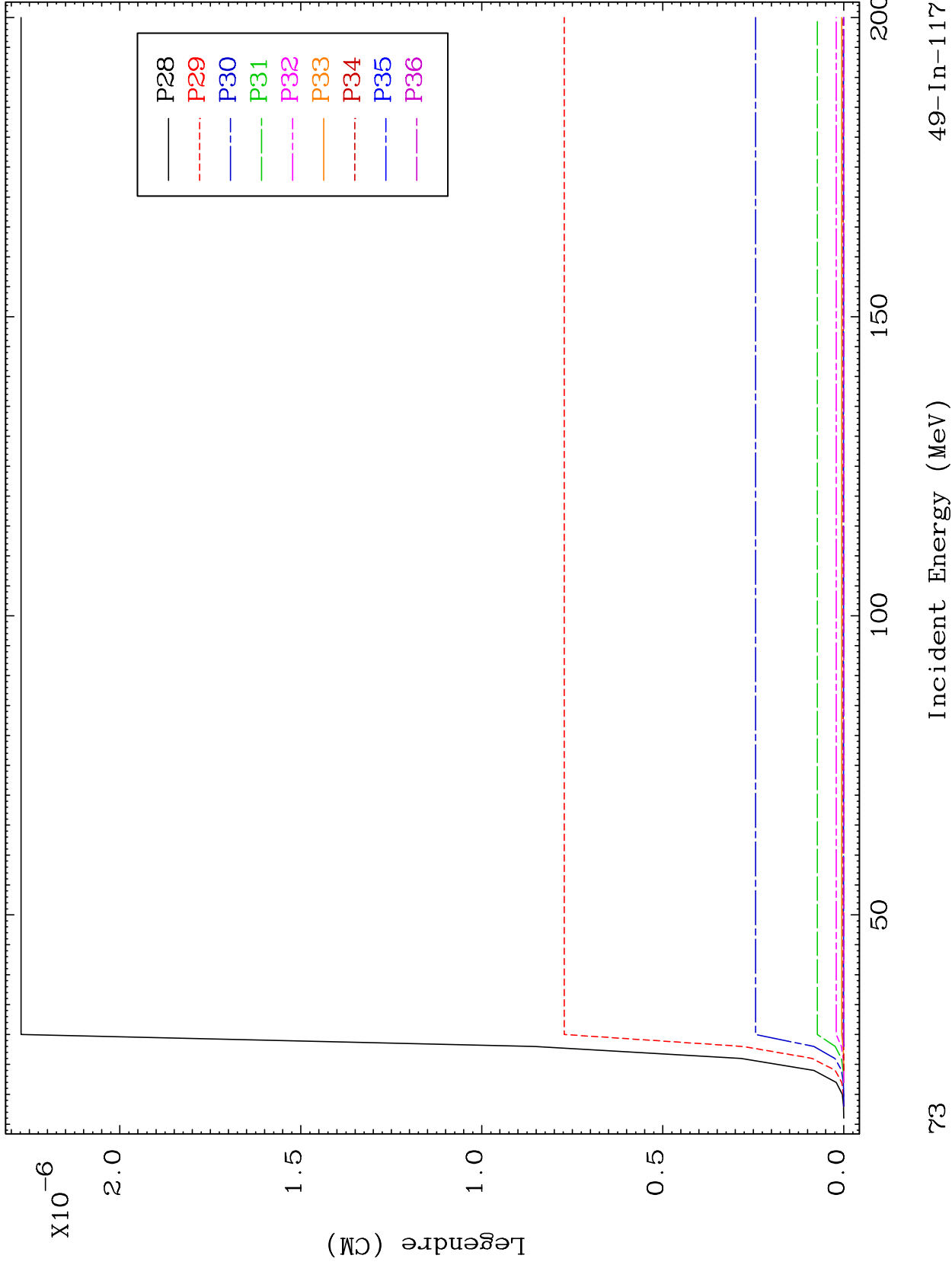
Incident Energy (MeV)

49-In-117

MAT 4937

1.366 MeV (n,n') Level
Legendre Coefficients

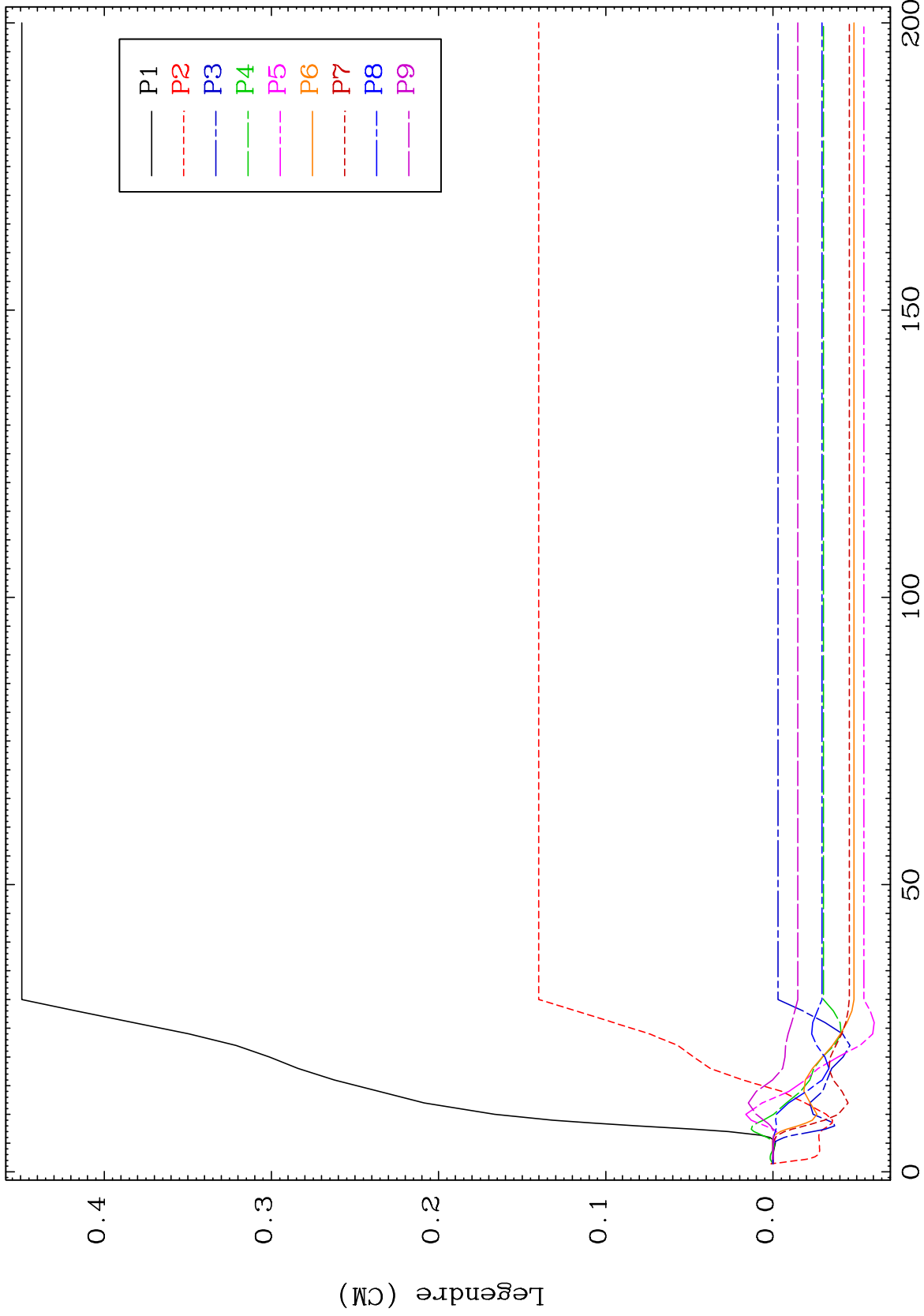
49-In-117

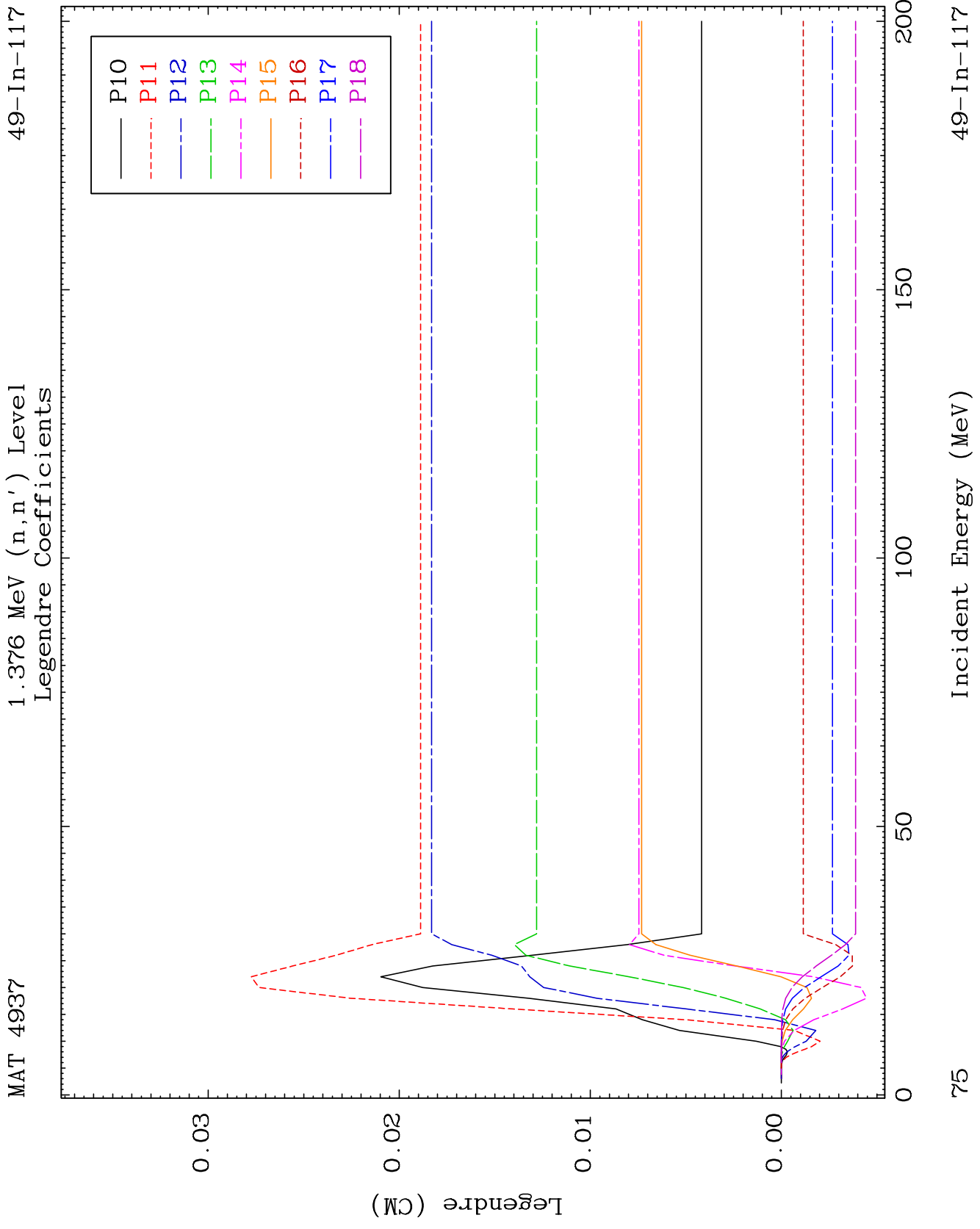


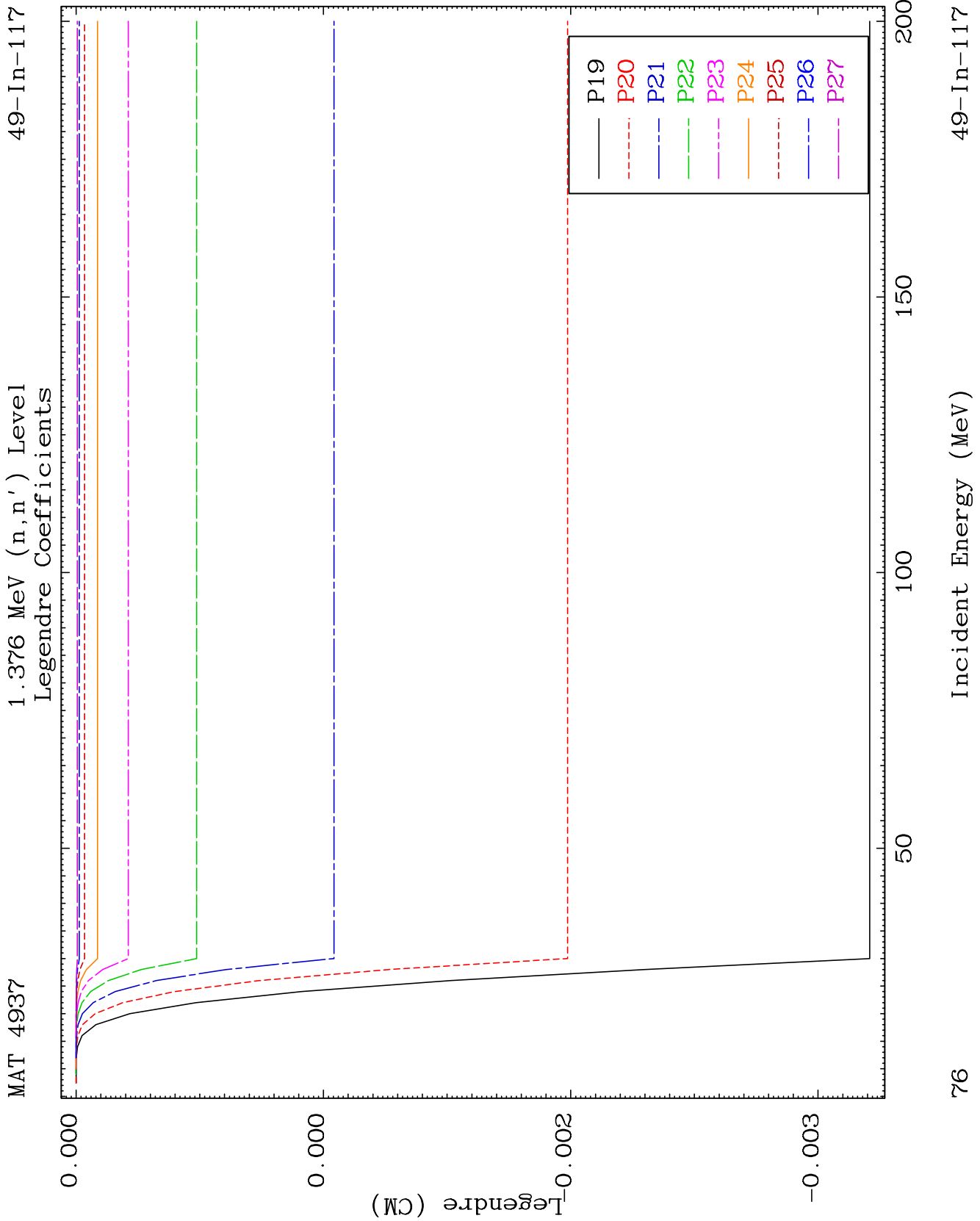
73

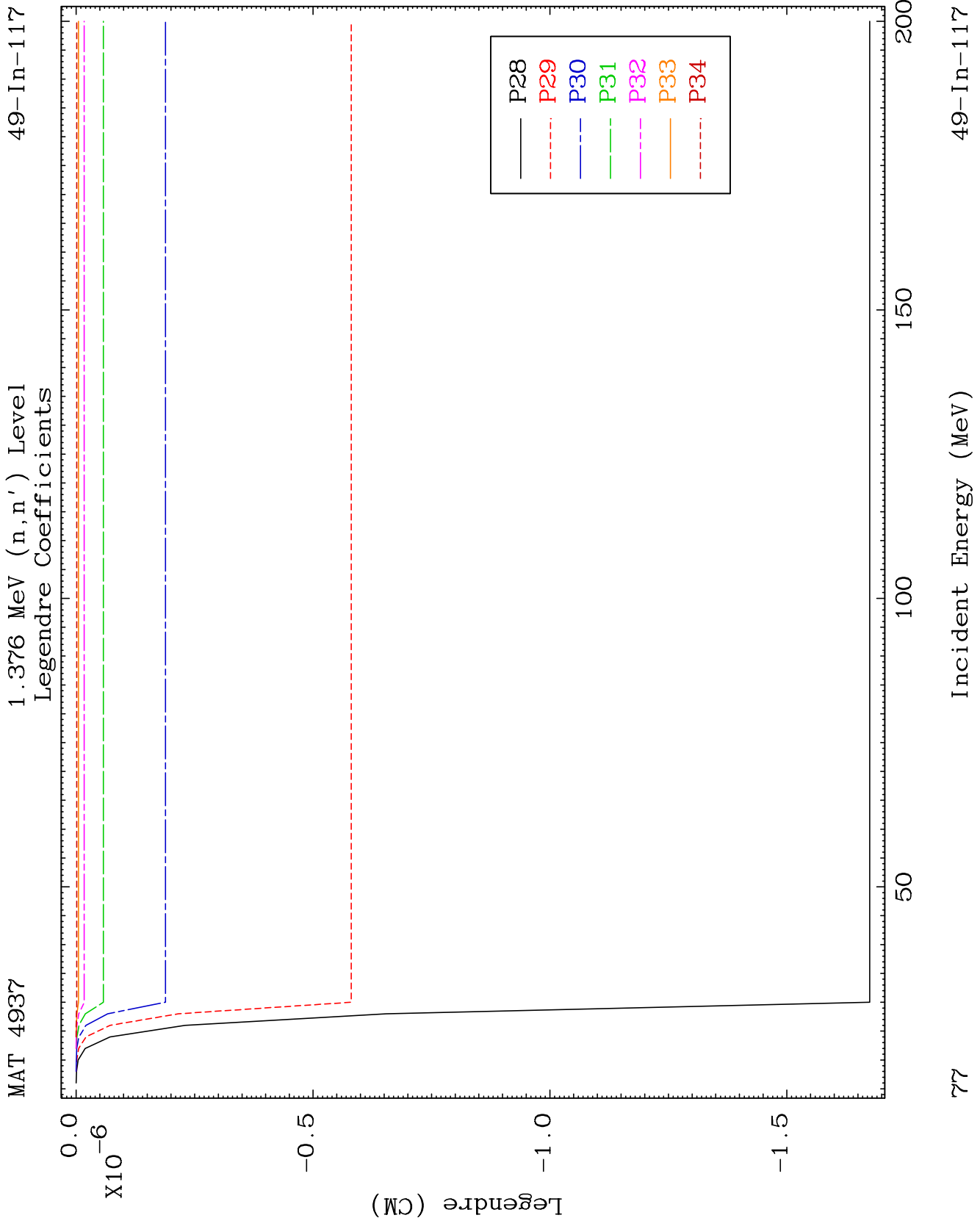
Incident Energy (MeV)

49-In-117





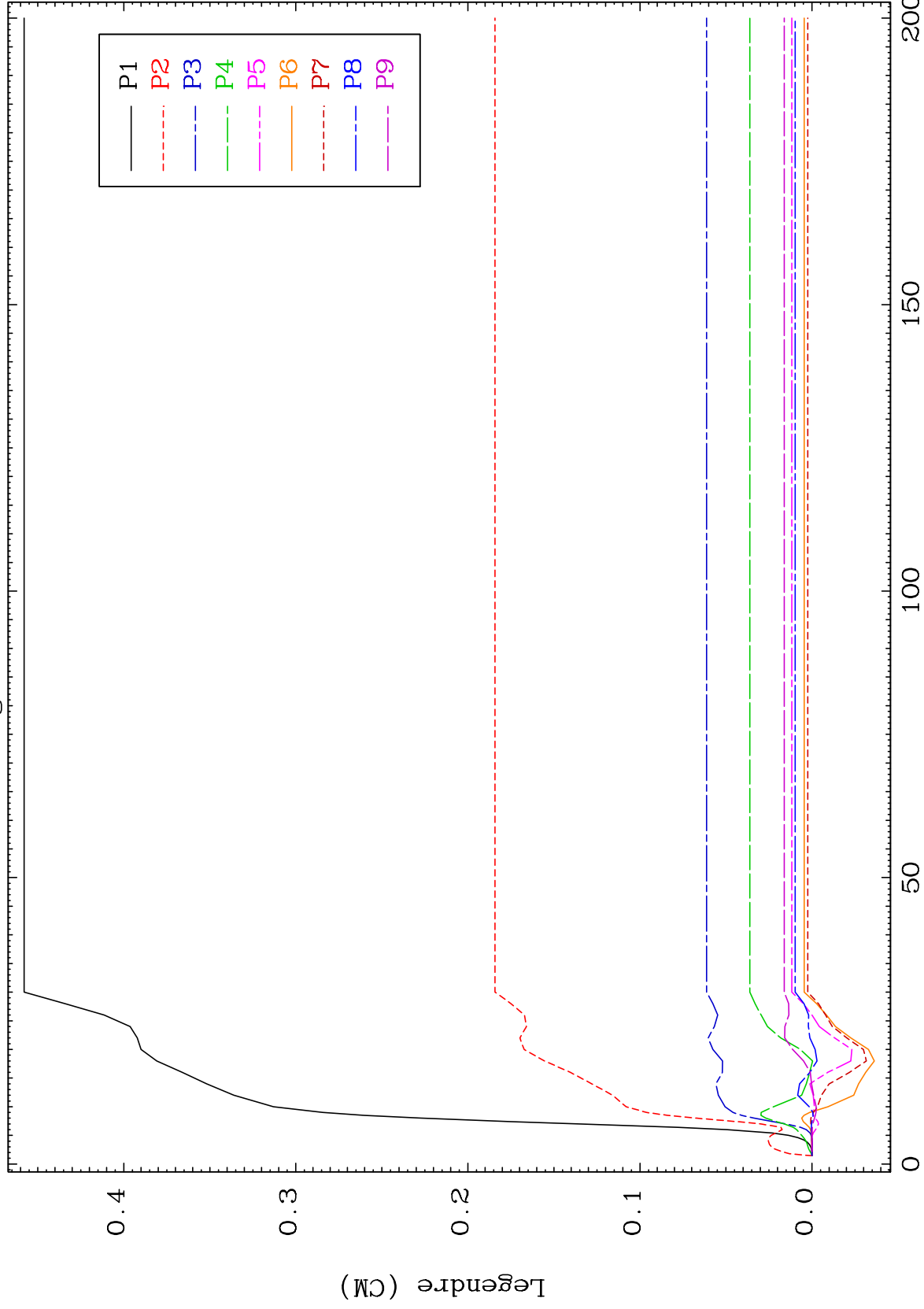




MAT 4937

1.433 MeV (n,n') Level
Legendre Coefficients

49-In-117



78

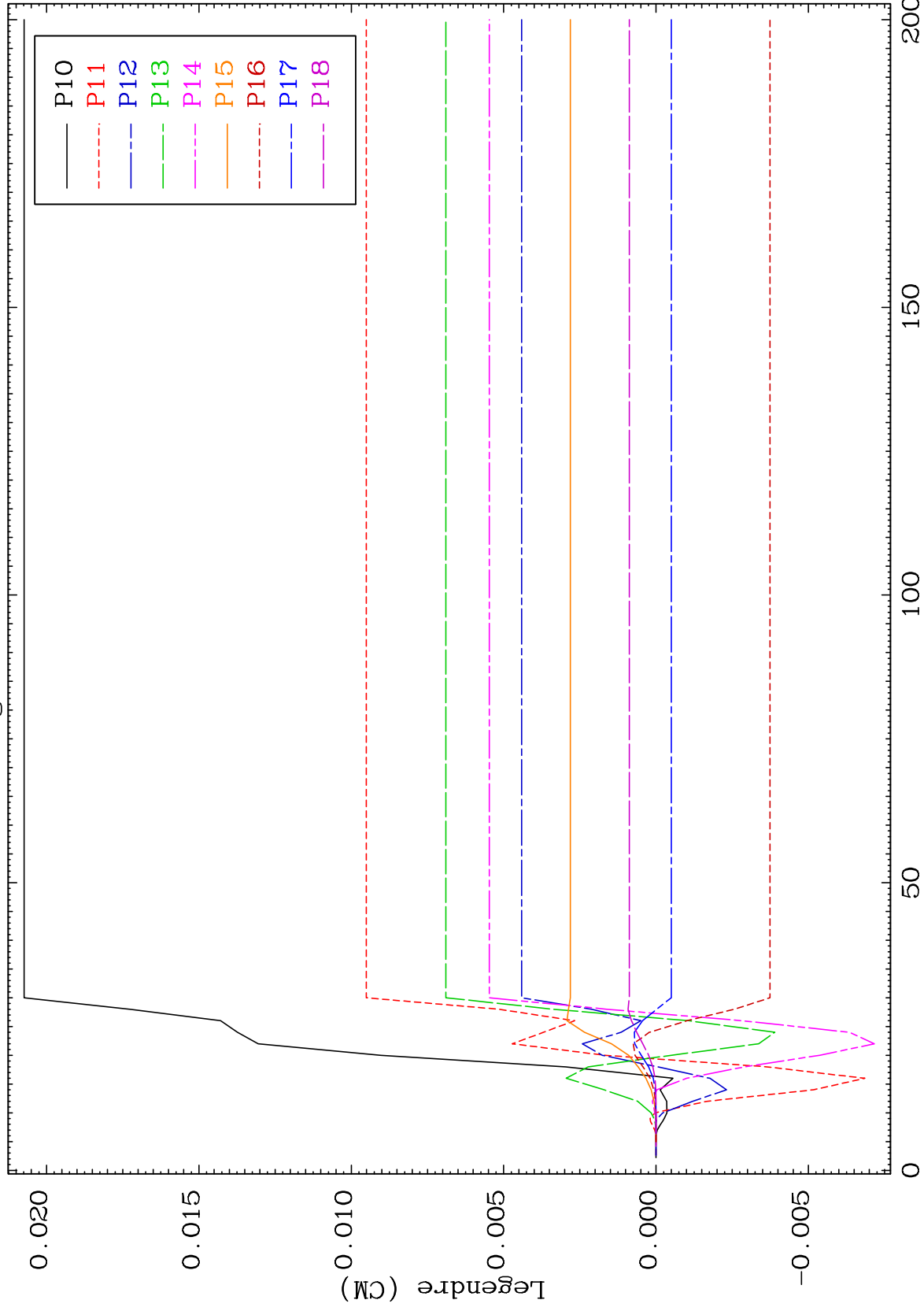
Incident Energy (MeV)

49-In-117

MAT 4937

1.433 MeV (n,n') Level
Legendre Coefficients

49-In-117



79

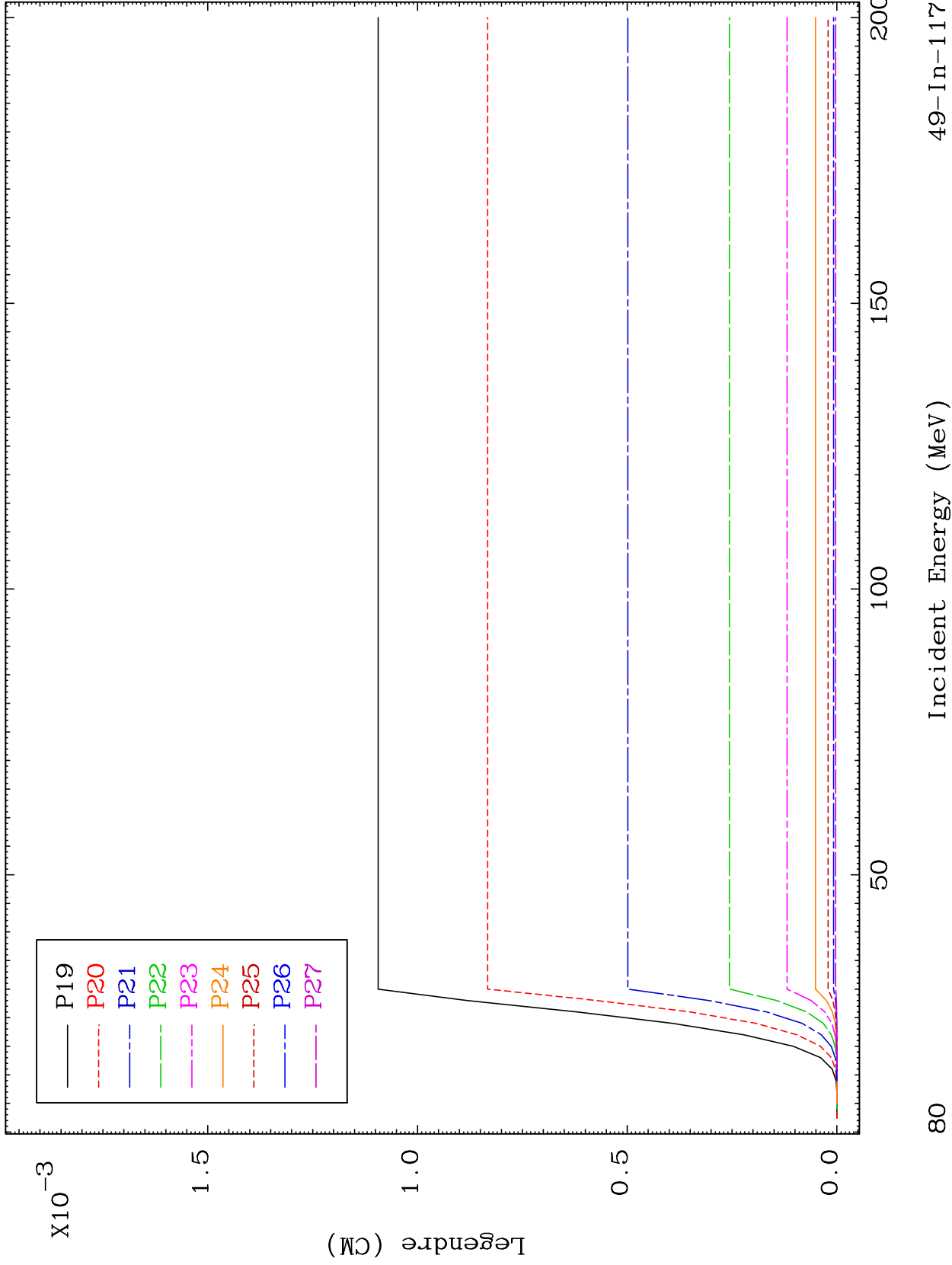
Incident Energy (MeV)

49-In-117

MAT 4937

1.433 MeV (n,n') Level
Legendre Coefficients

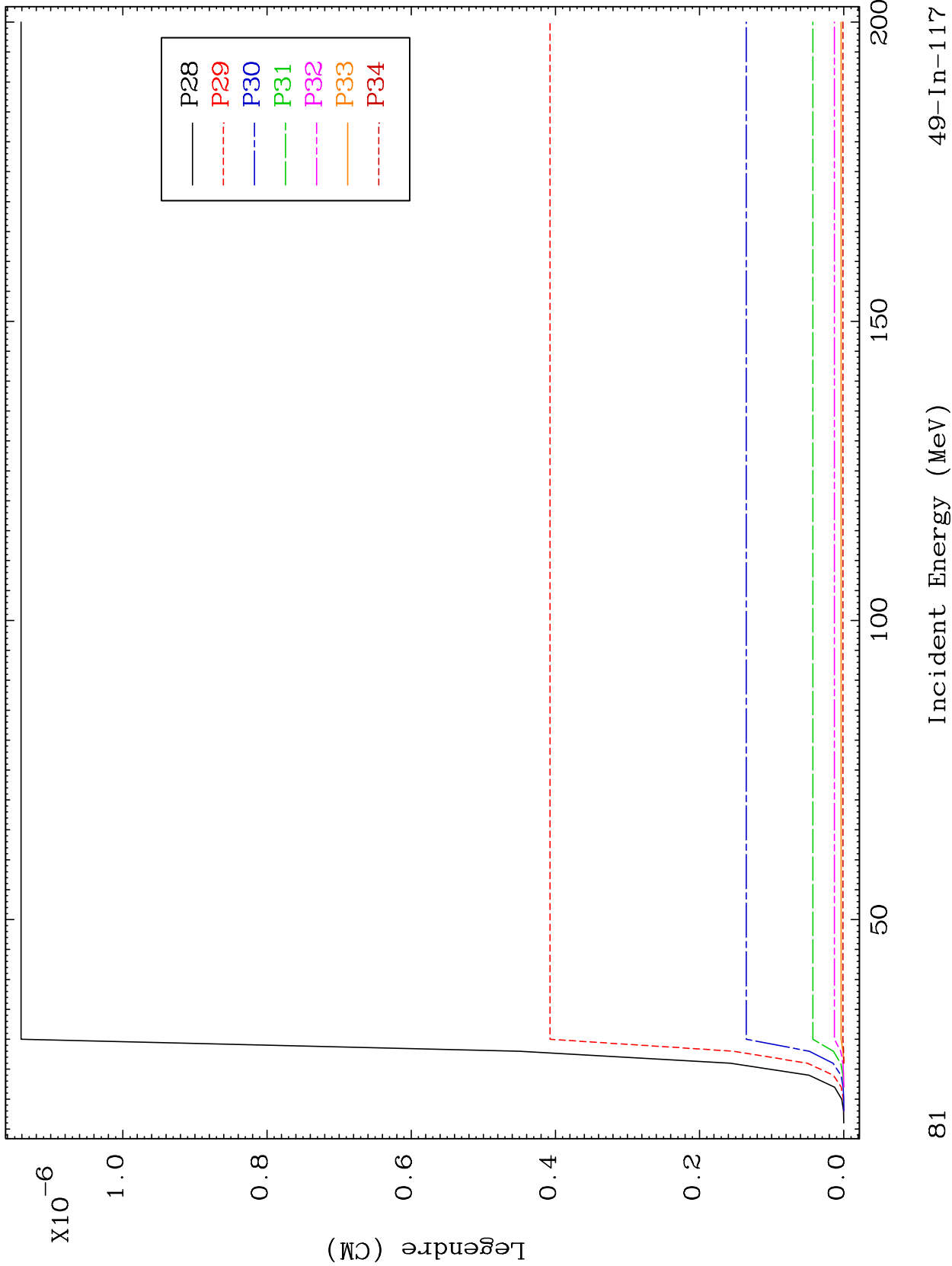
49-In-117



80

Incident Energy (MeV)

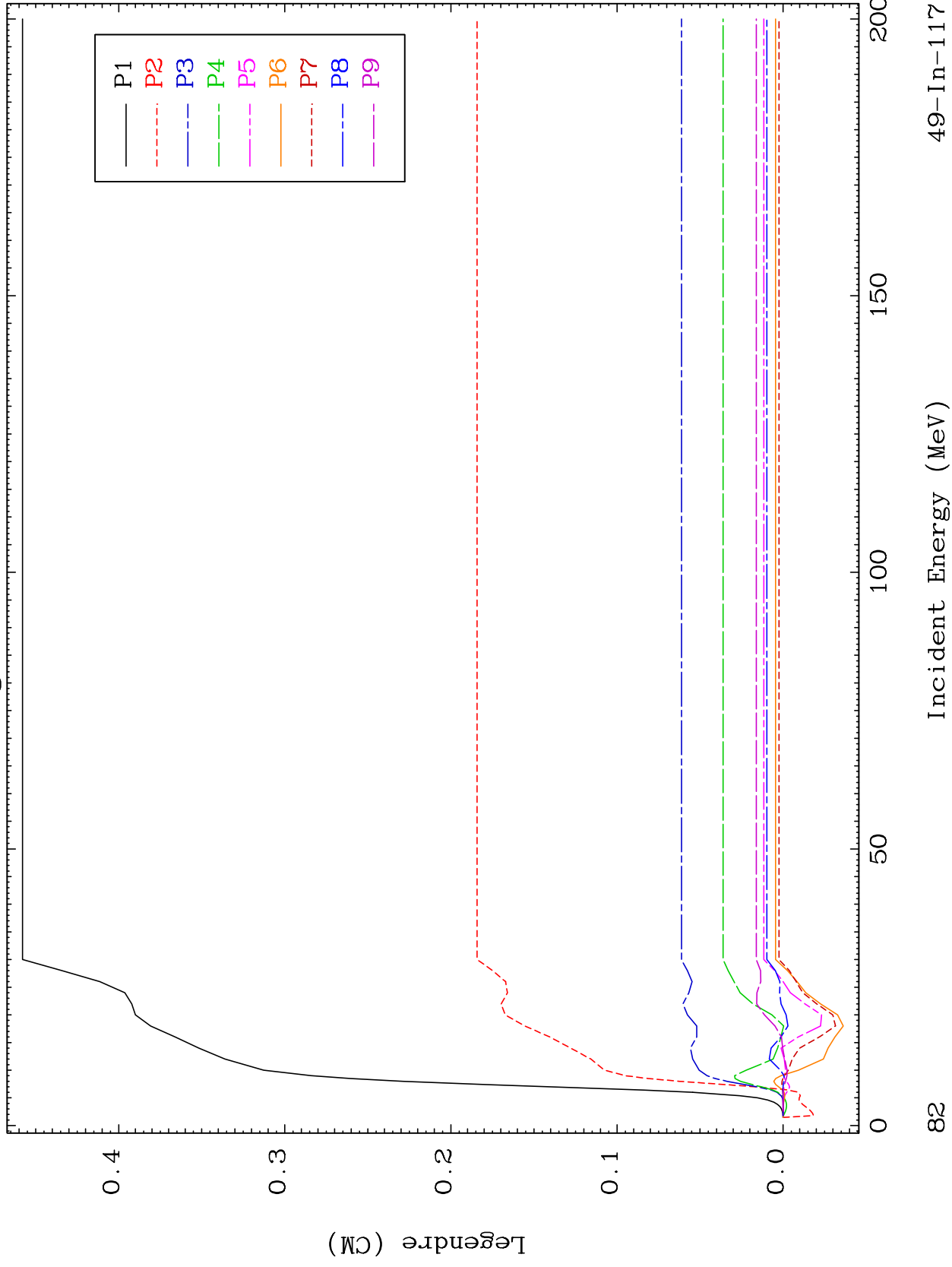
49-In-117



MAT 4937

1.439 MeV (n,n') Level
Legendre Coefficients

49-In-117



49-In-117

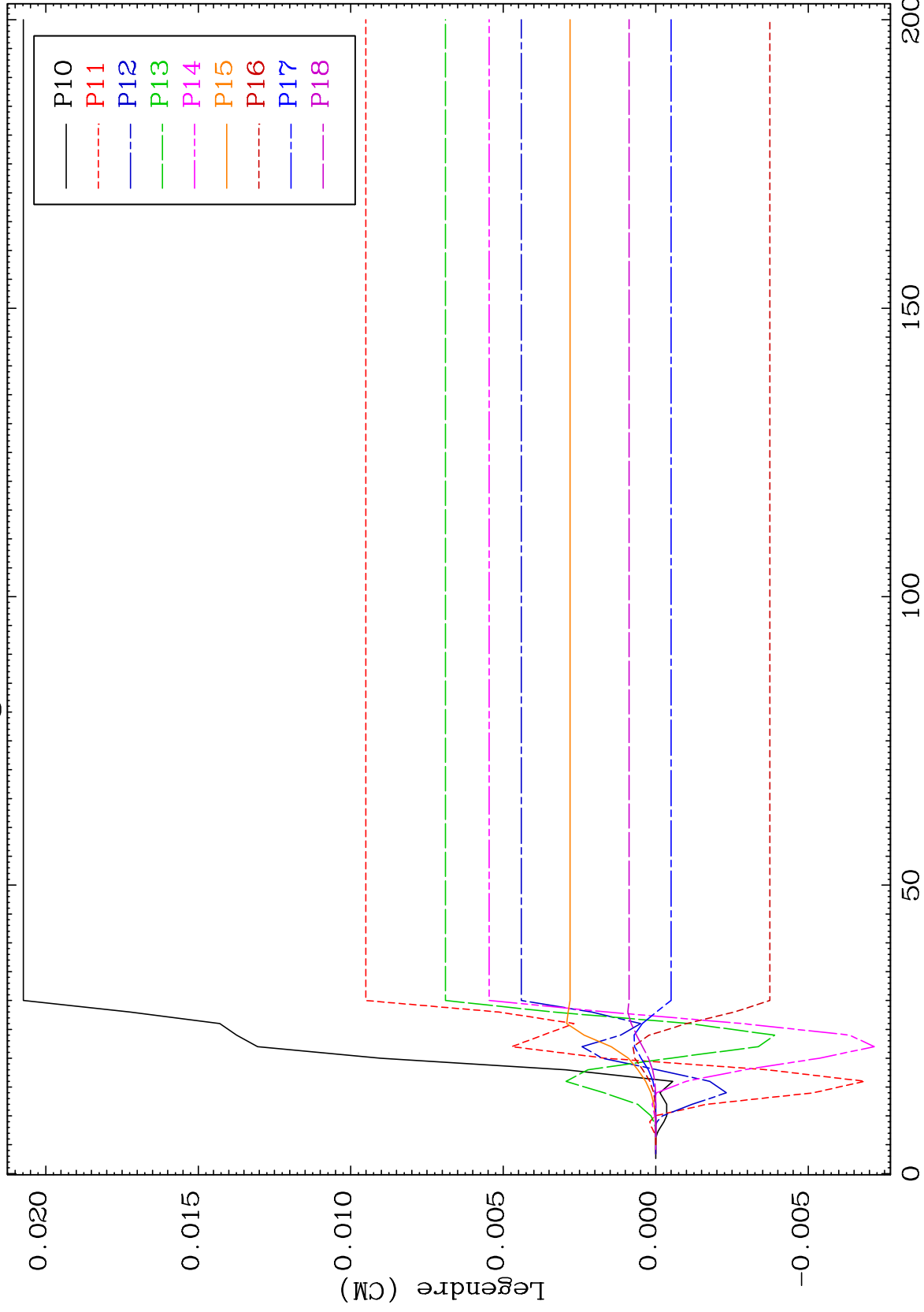
Incident Energy (MeV)

82

MAT 4937

1.439 MeV (n,n') Level
Legendre Coefficients

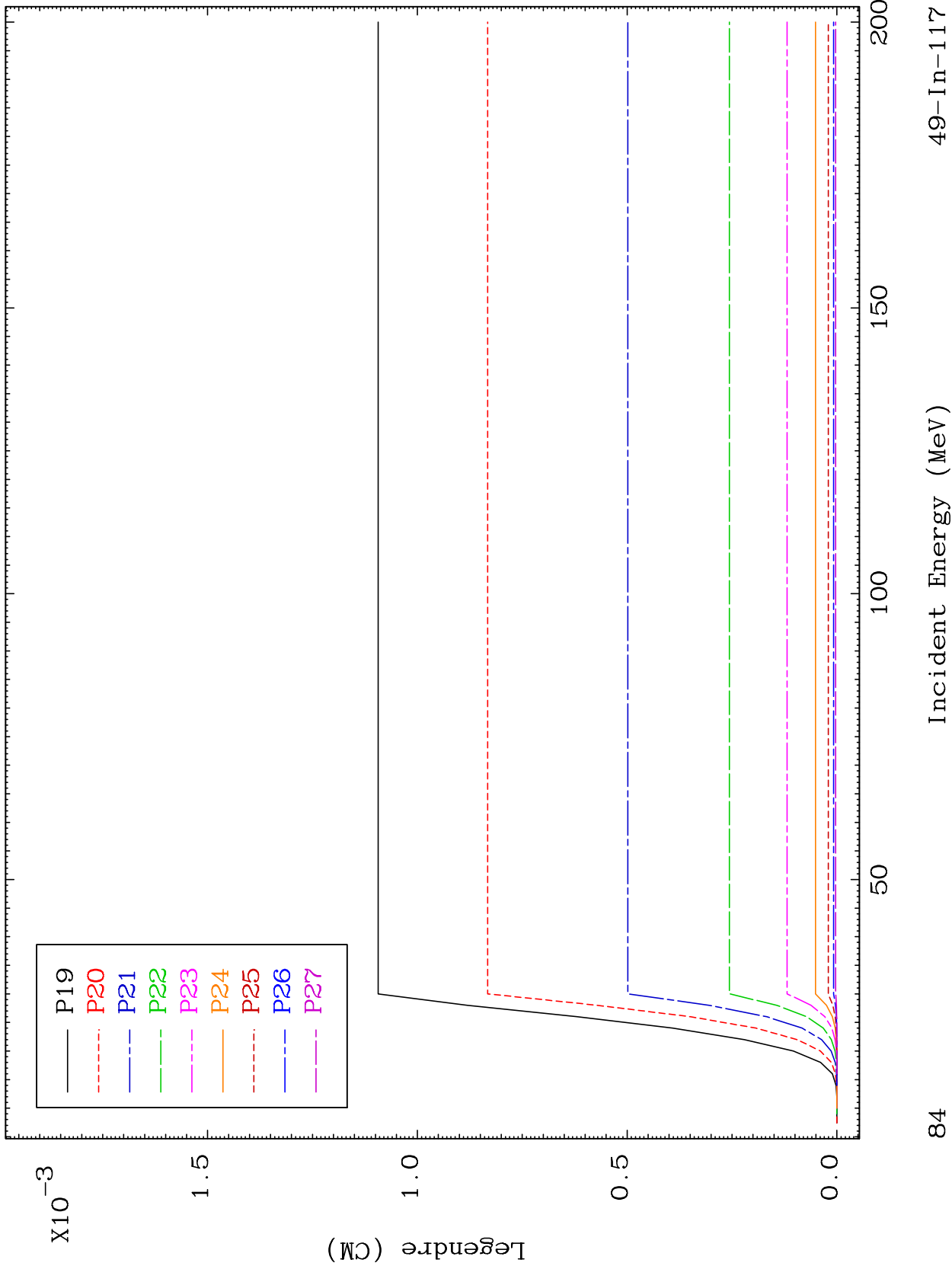
49-In-117



83

Incident Energy (MeV)

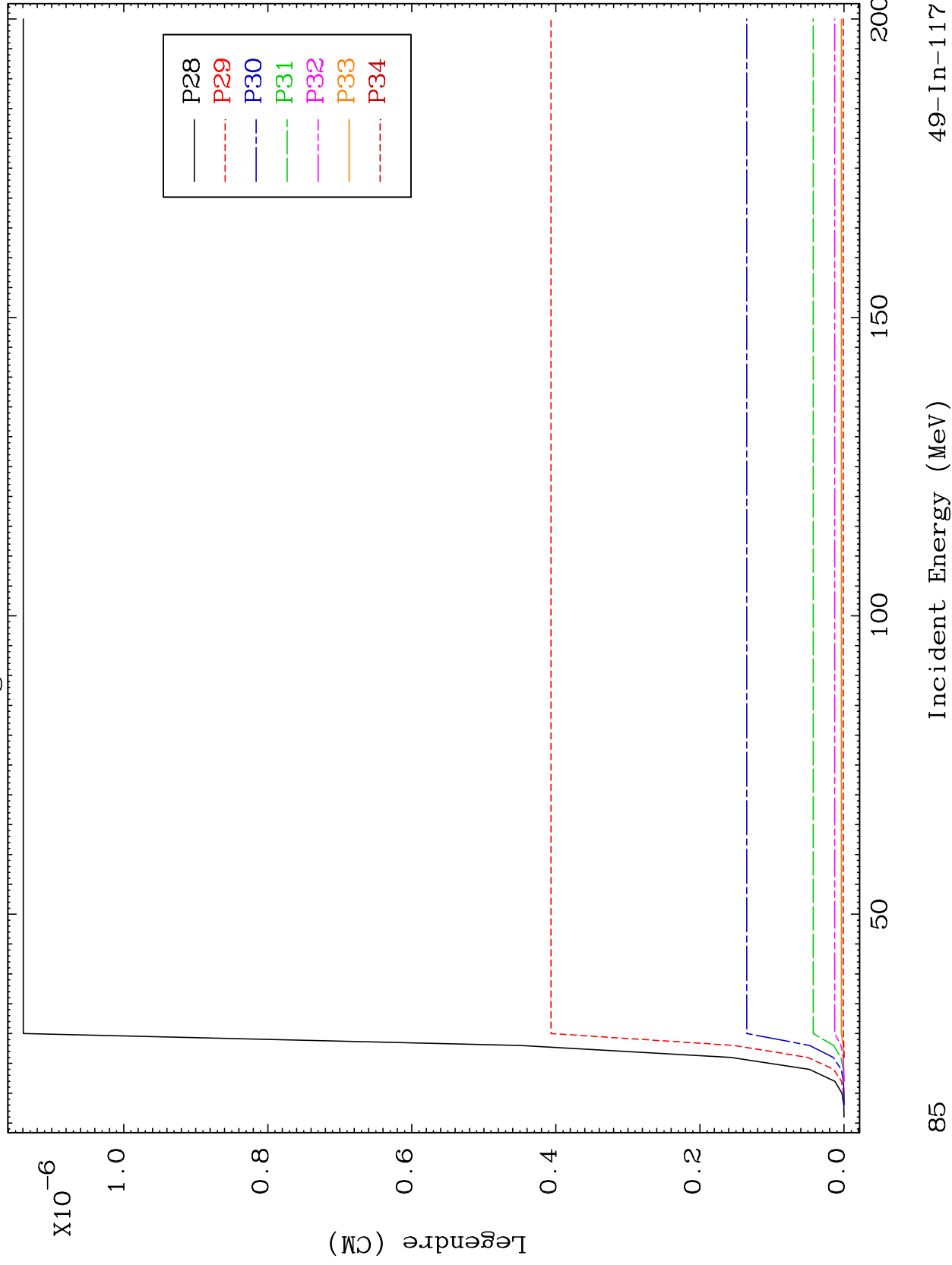
49-In-117

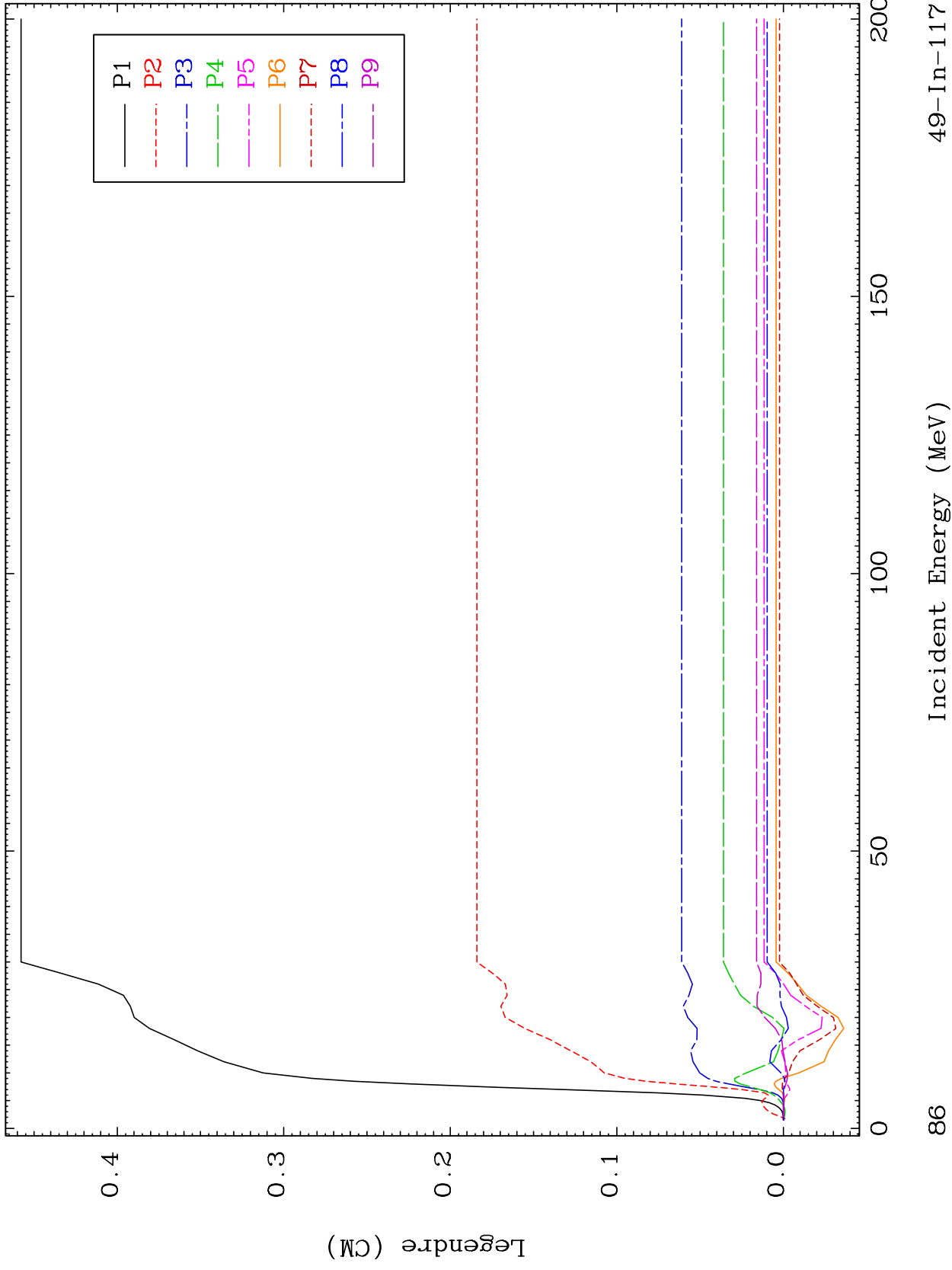


MAT 4937

1.439 MeV (n,n') Level
Legendre Coefficients

49-In-117

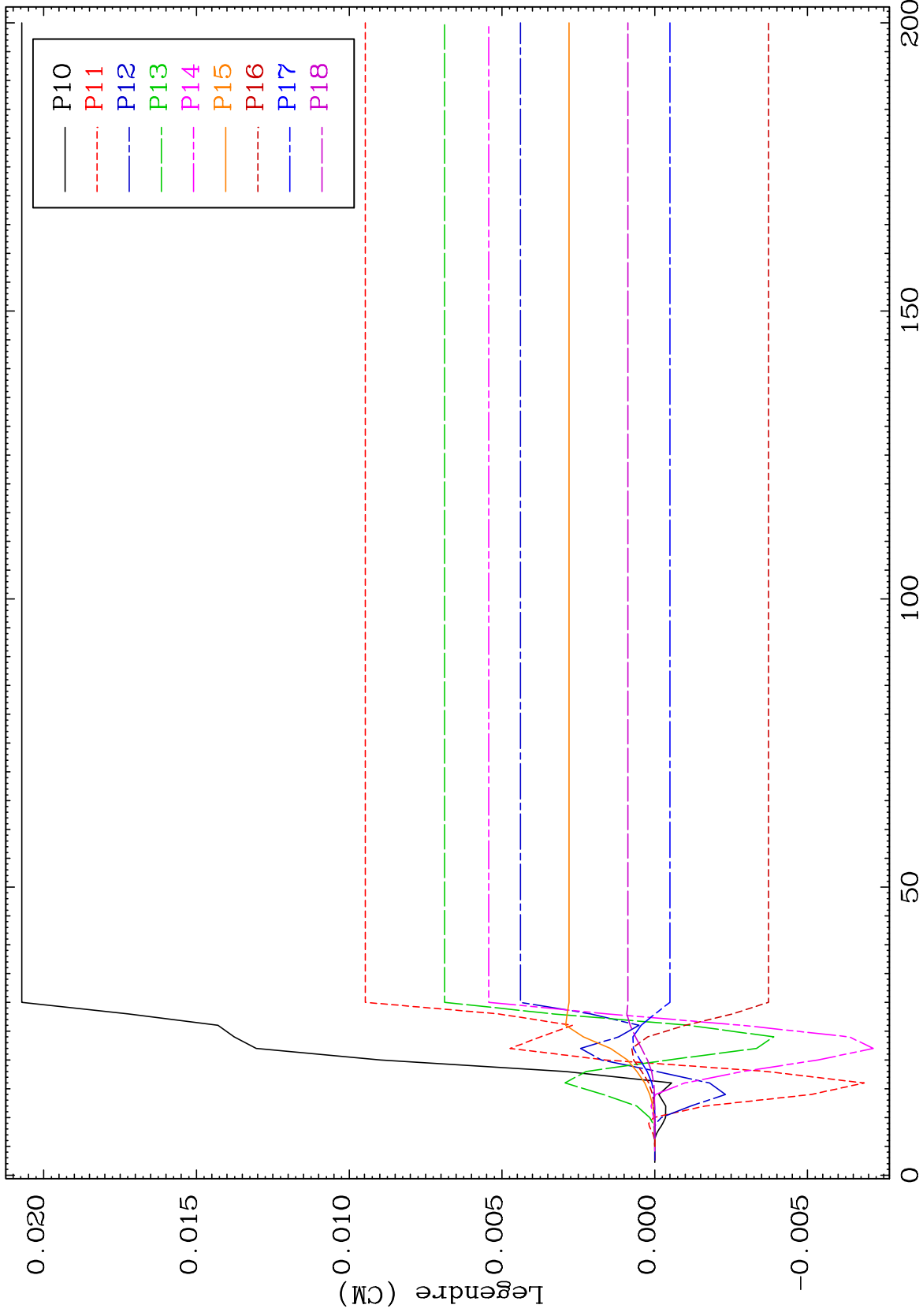




MAT 4937

1.469 MeV (n,n') Level
Legendre Coefficients

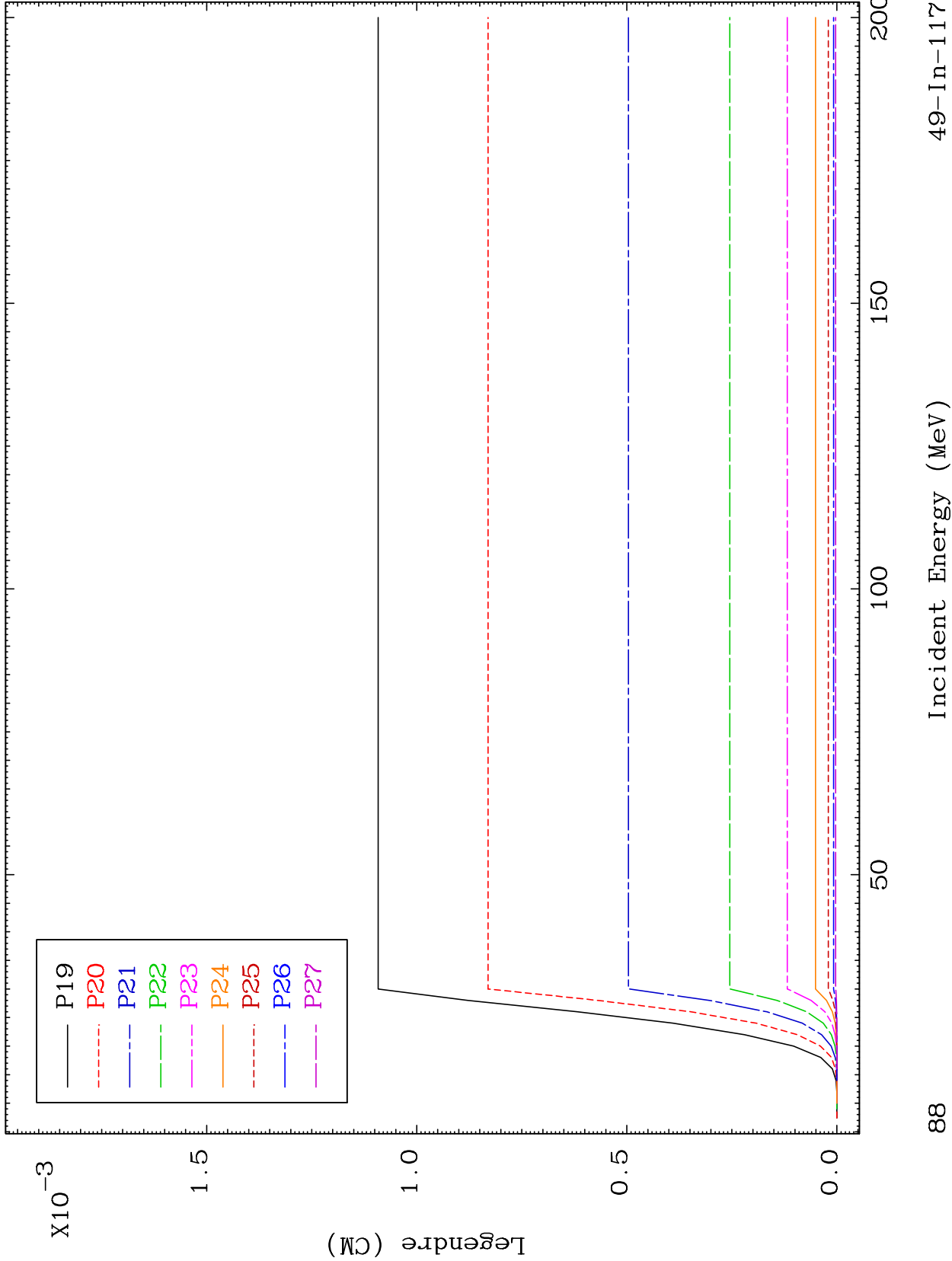
49-In-117



87

Incident Energy (MeV)

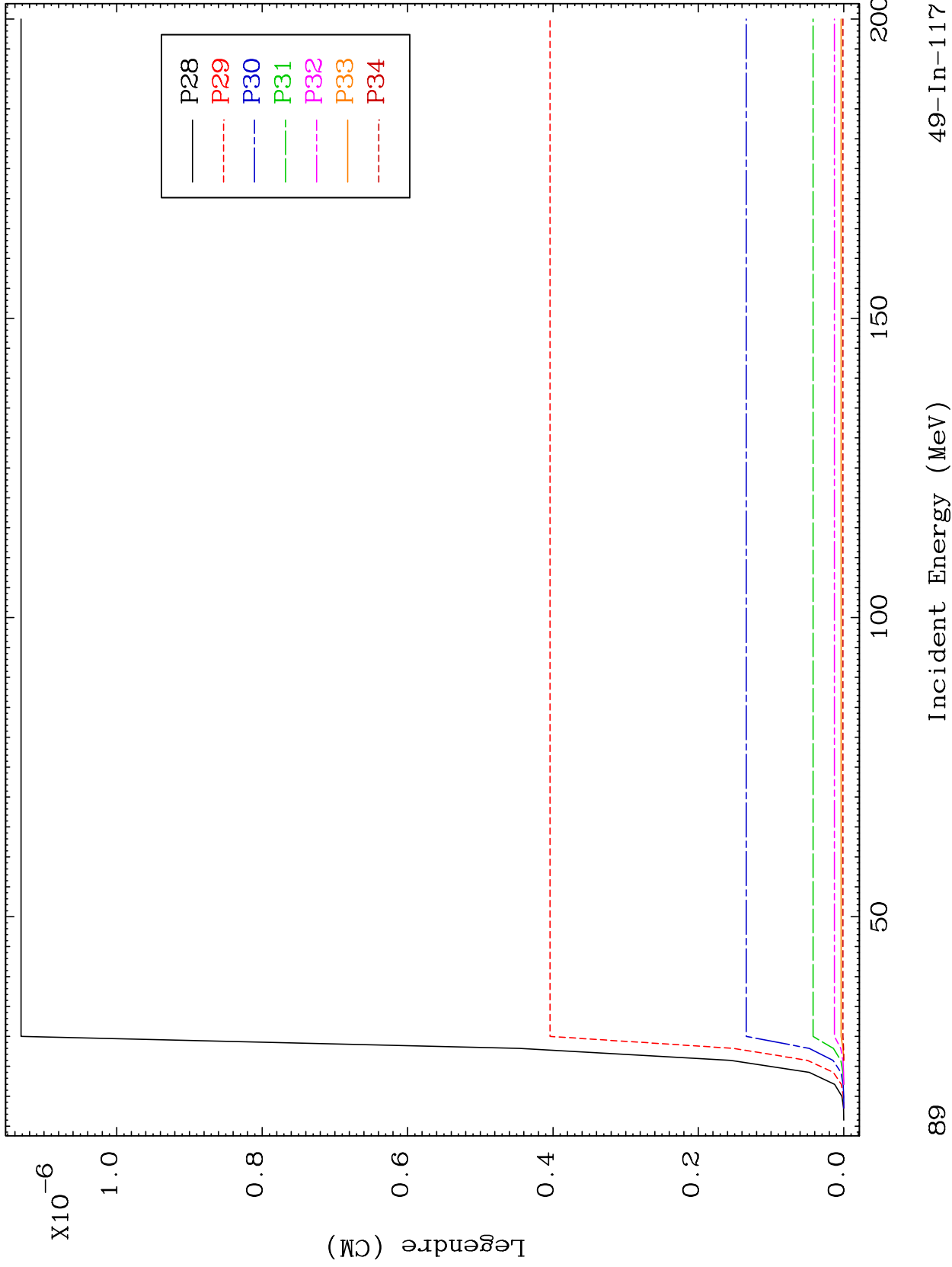
49-In-117



MAT 4937

1.469 MeV (n,n') Level
Legendre Coefficients

49-In-117

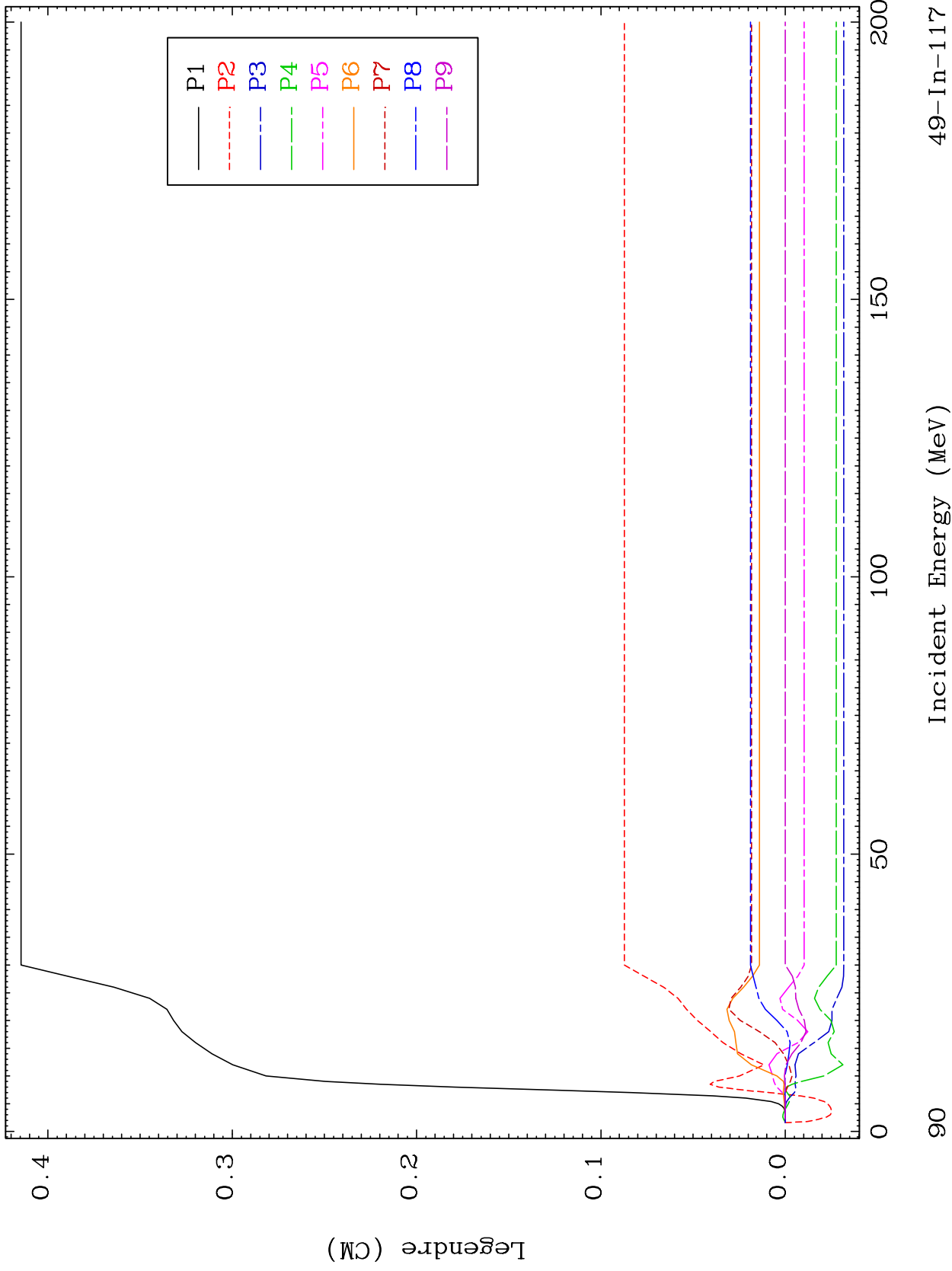


89

MAT 4937

1.554 MeV (n,n') Level
Legendre Coefficients

49-In-117



49-In-117

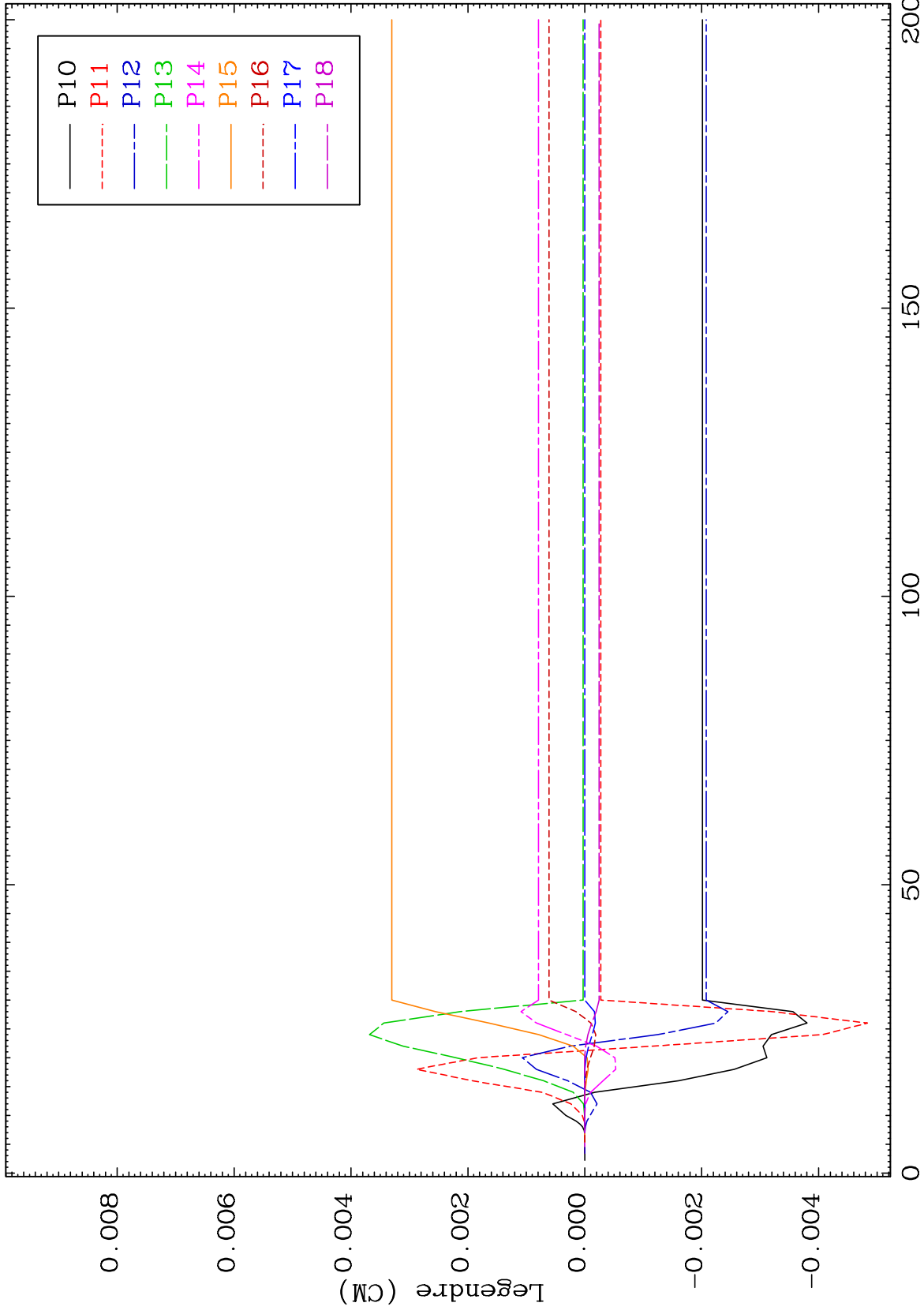
Incident Energy (MeV)

90

MAT 4937

1.554 MeV (n,n') Level
Legendre Coefficients

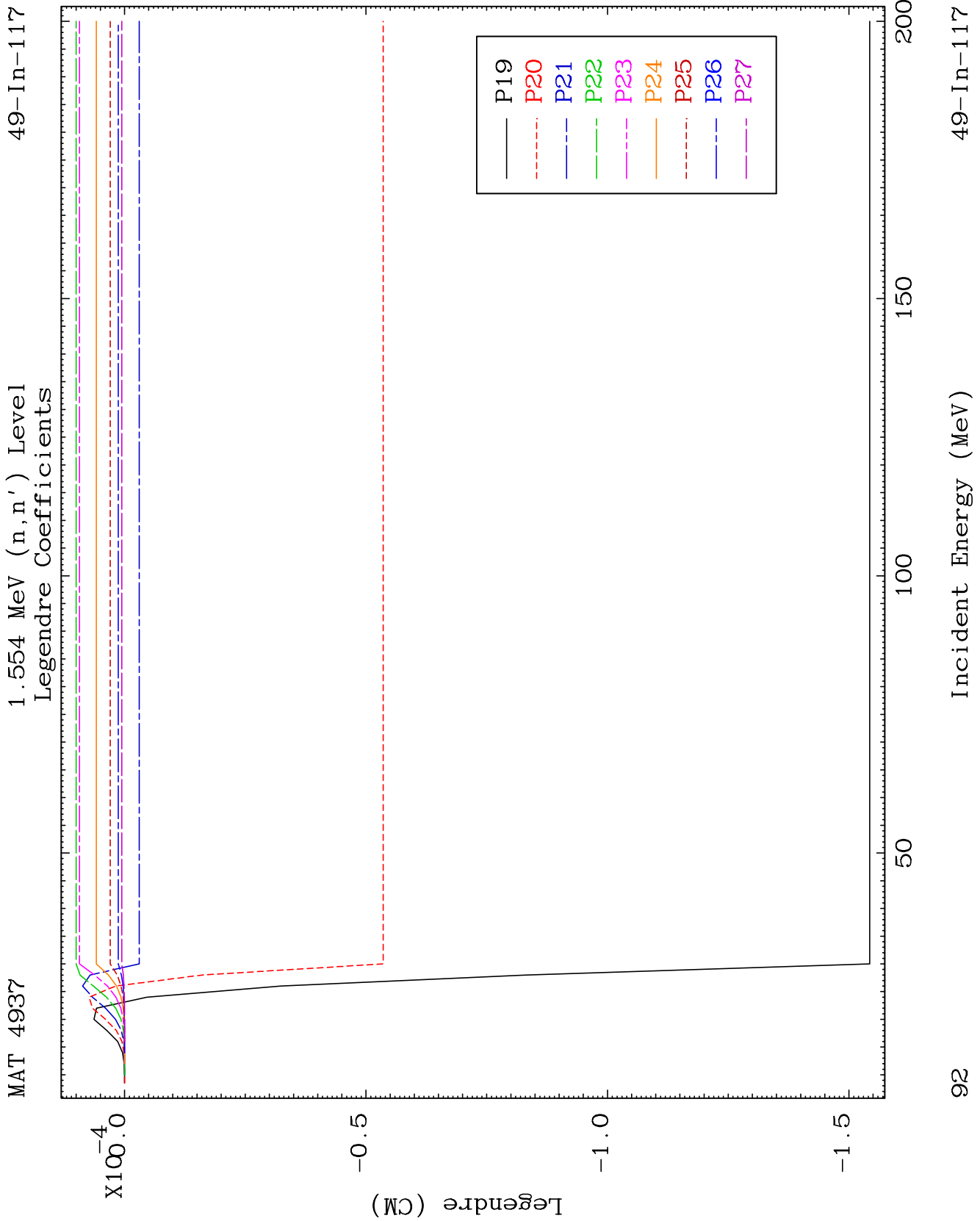
49-In-117



91

Incident Energy (MeV)

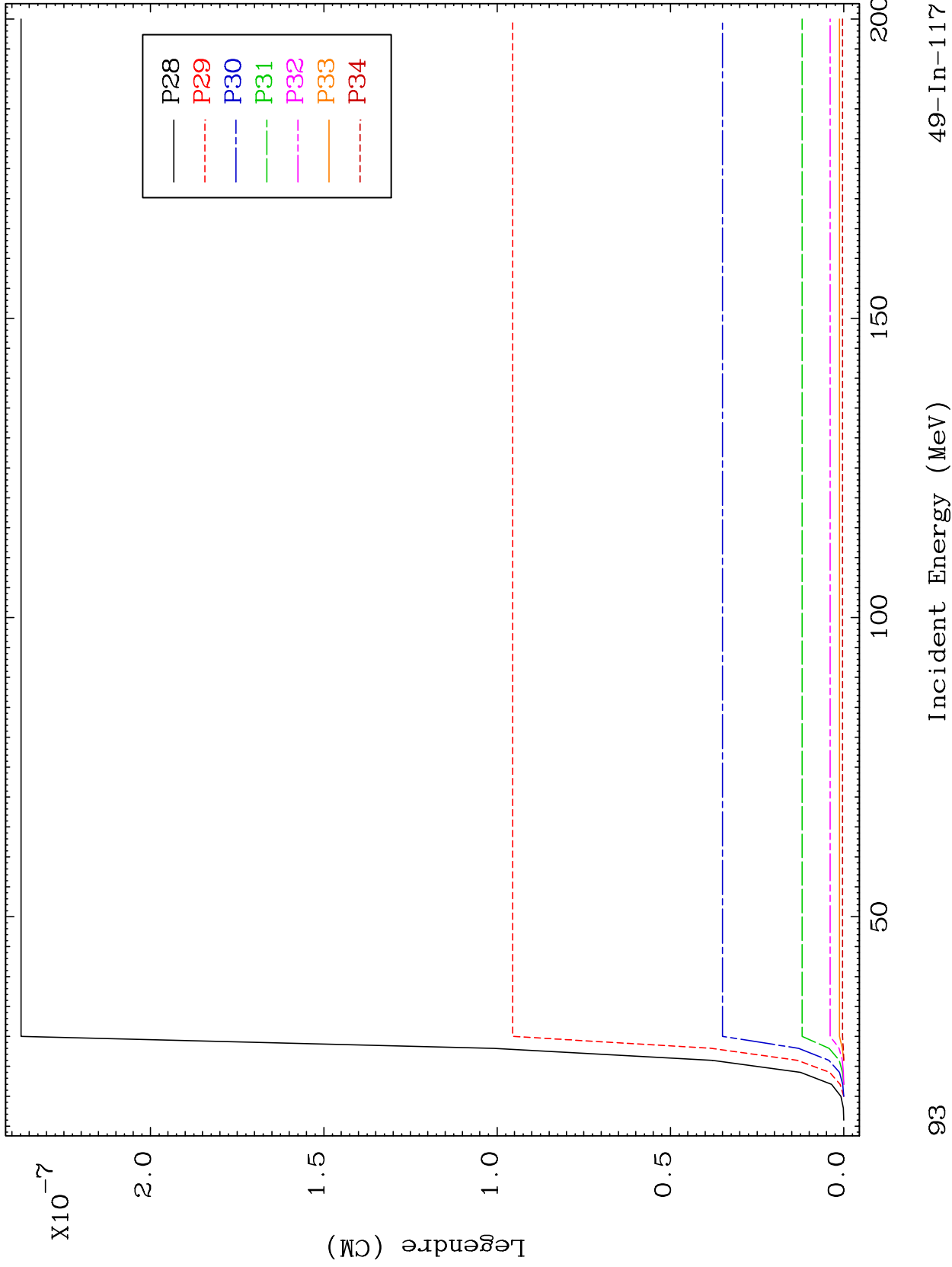
49-In-117



MAT 4937

1.554 MeV (n, n') Level
Legendre Coefficients

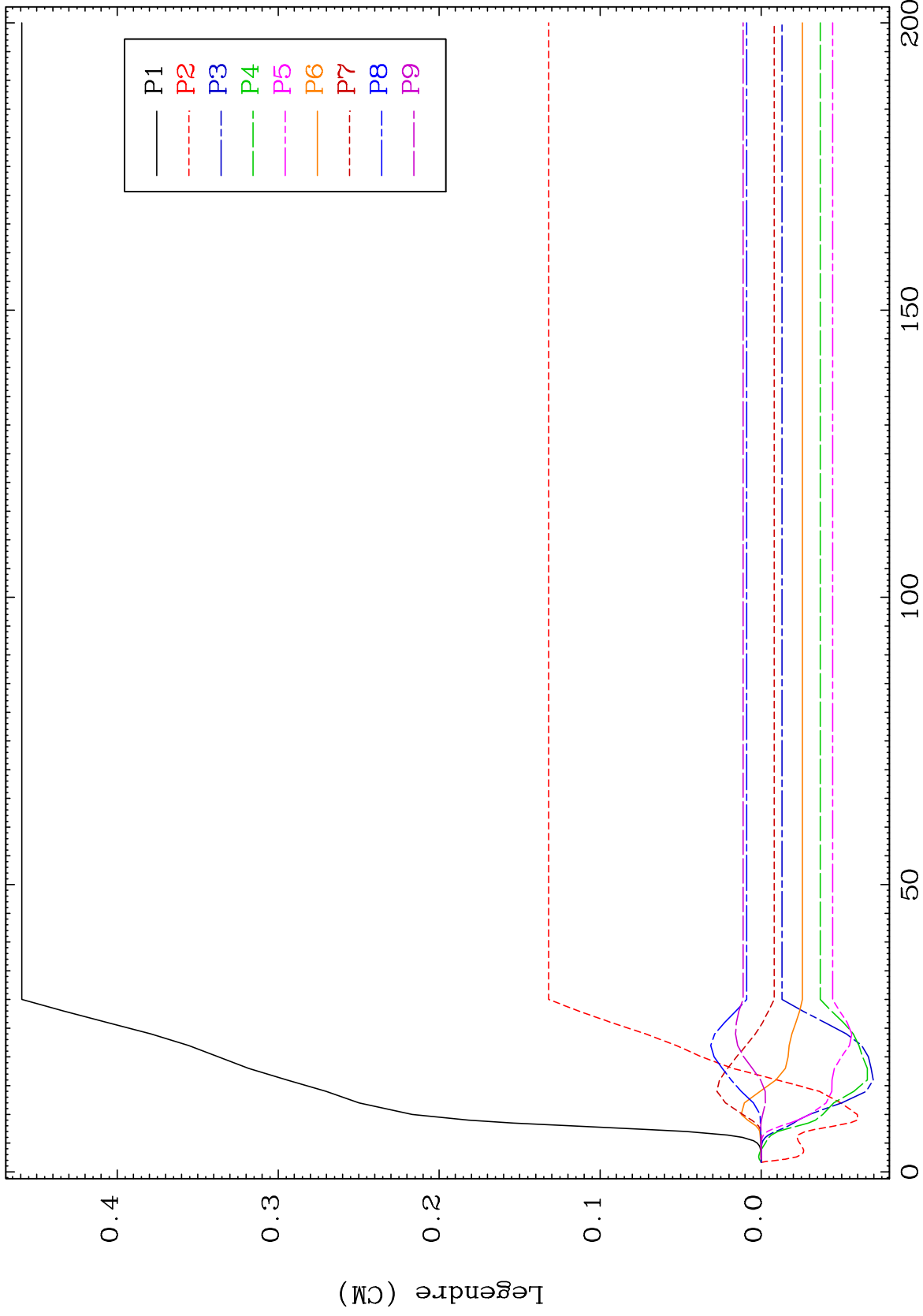
49-In-117



MAT 4937

1.609 MeV (n,n') Level
Legendre Coefficients

49-In-117



94

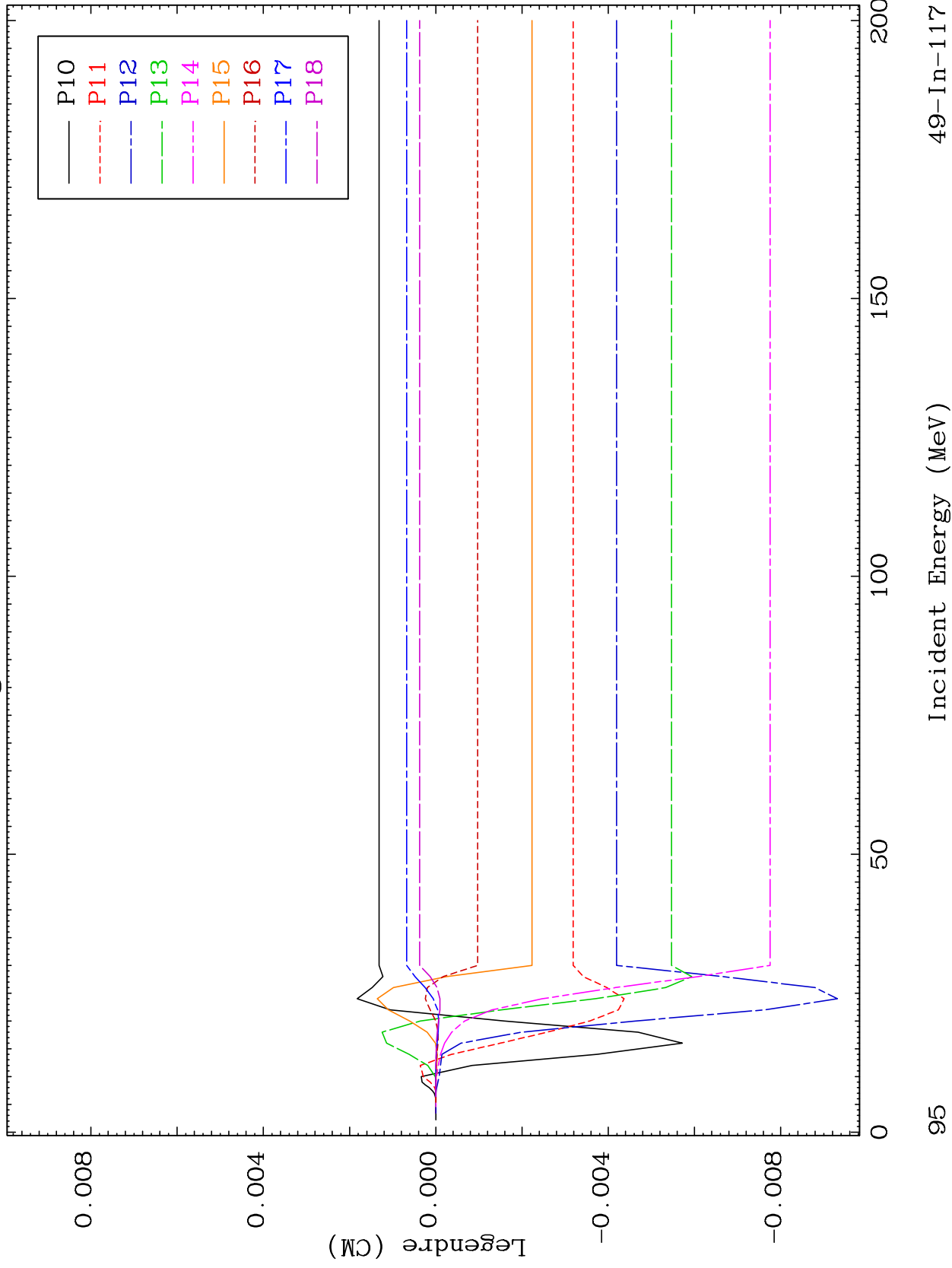
Incident Energy (MeV)

49-In-117

MAT 4937

1.609 MeV (n,n') Level
Legendre Coefficients

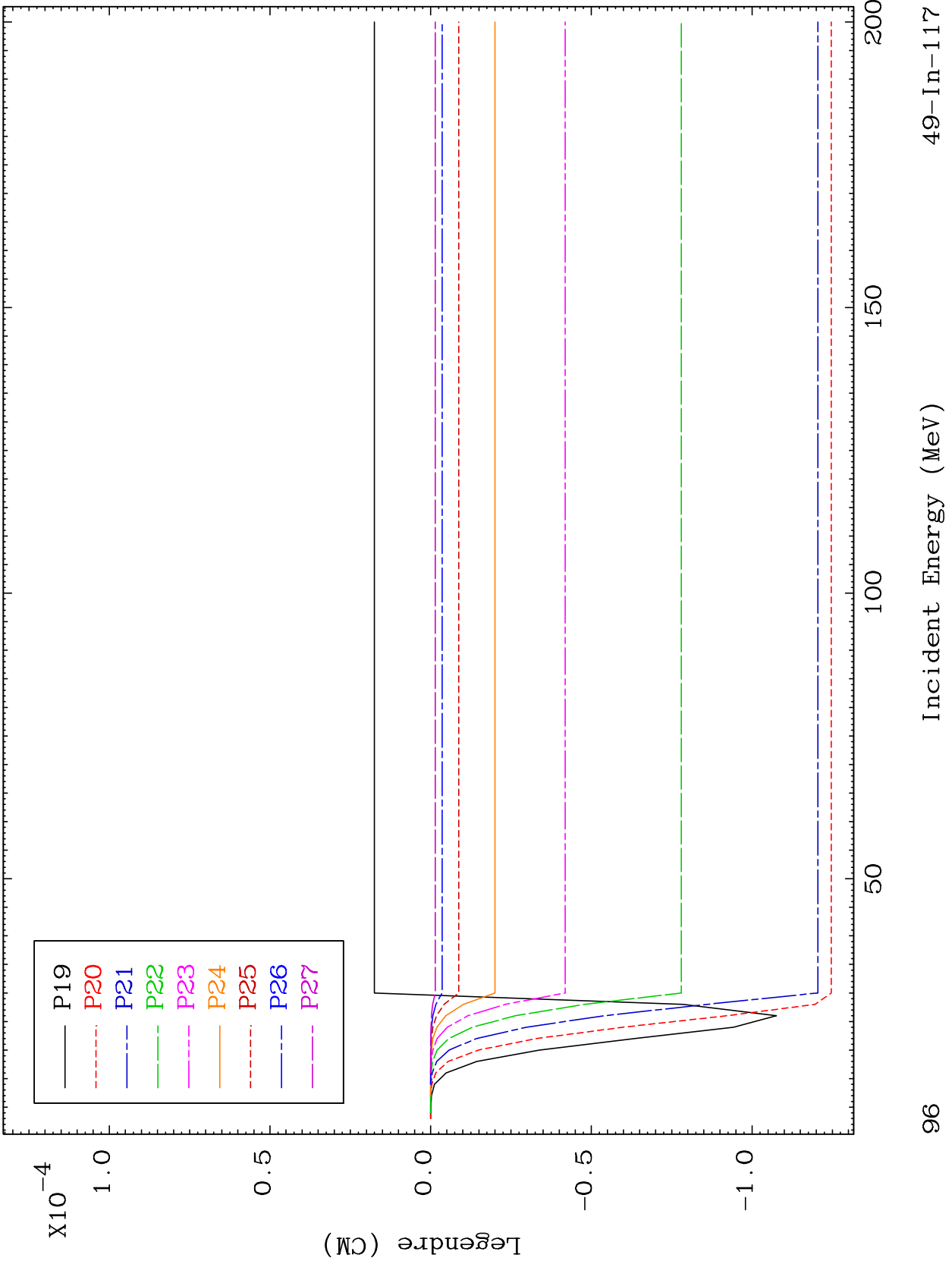
49-In-117

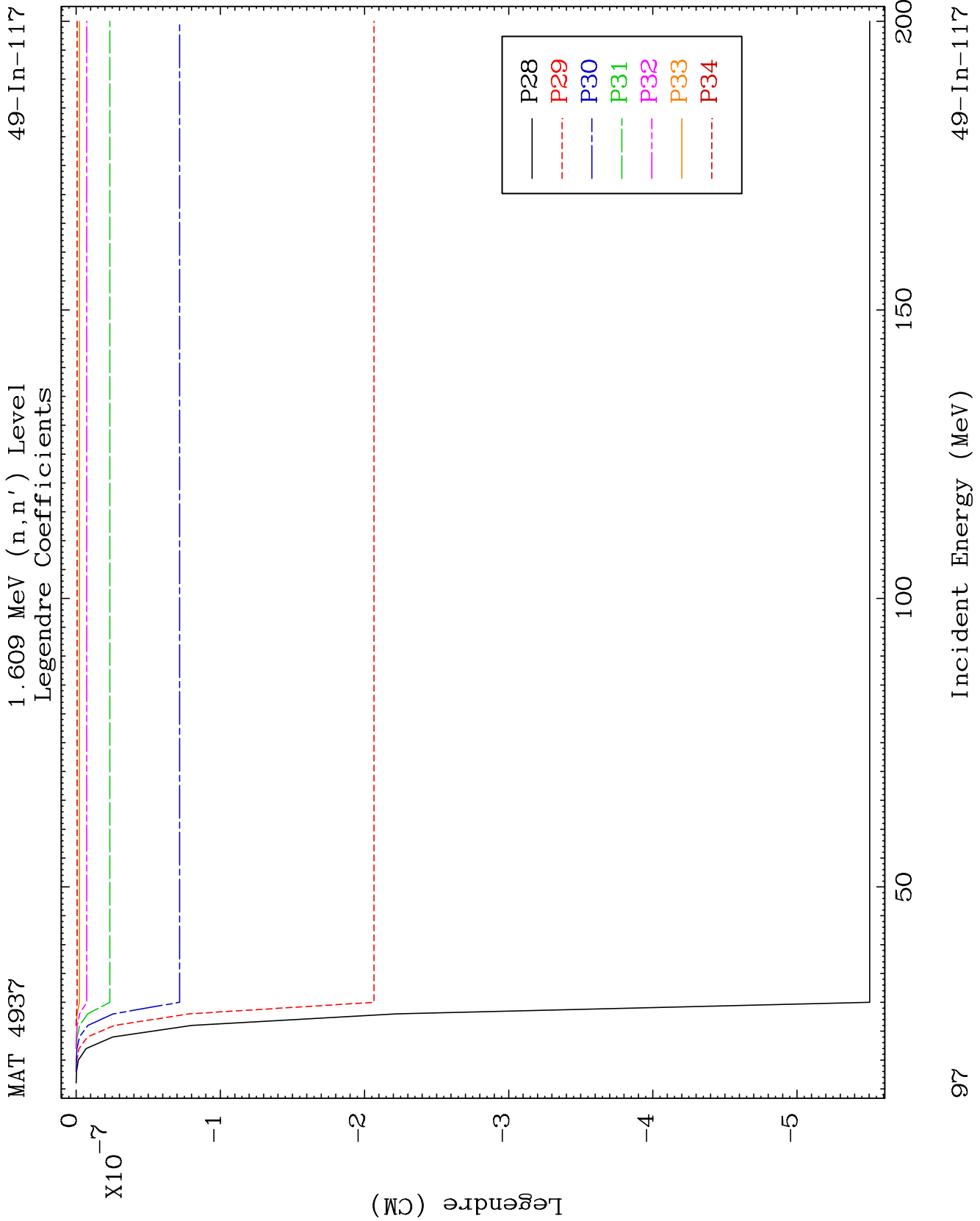


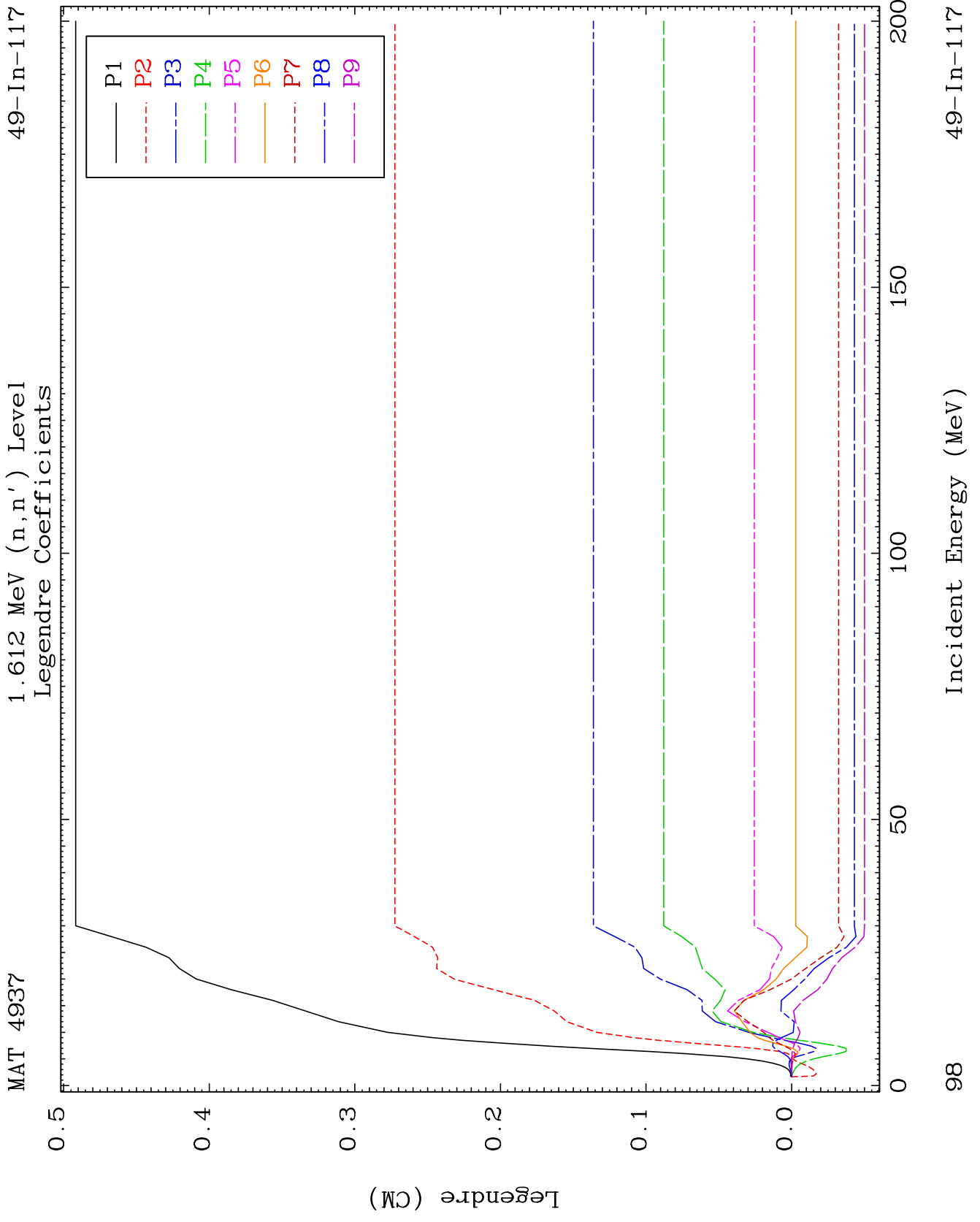
95

Incident Energy (MeV)

49-In-117



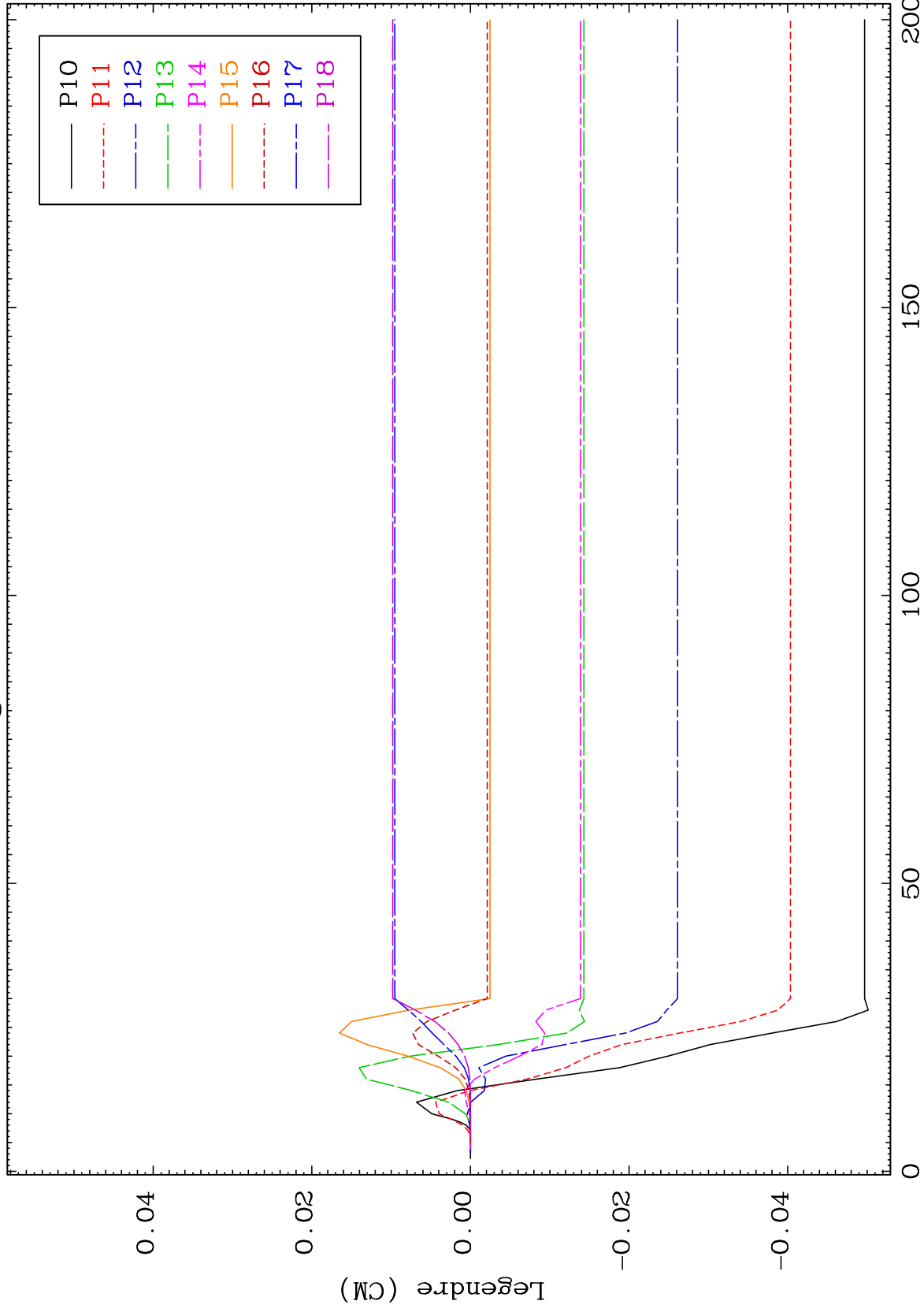




MAT 4937

1.612 MeV (n,n') Level
Legendre Coefficients

49-In-117



99

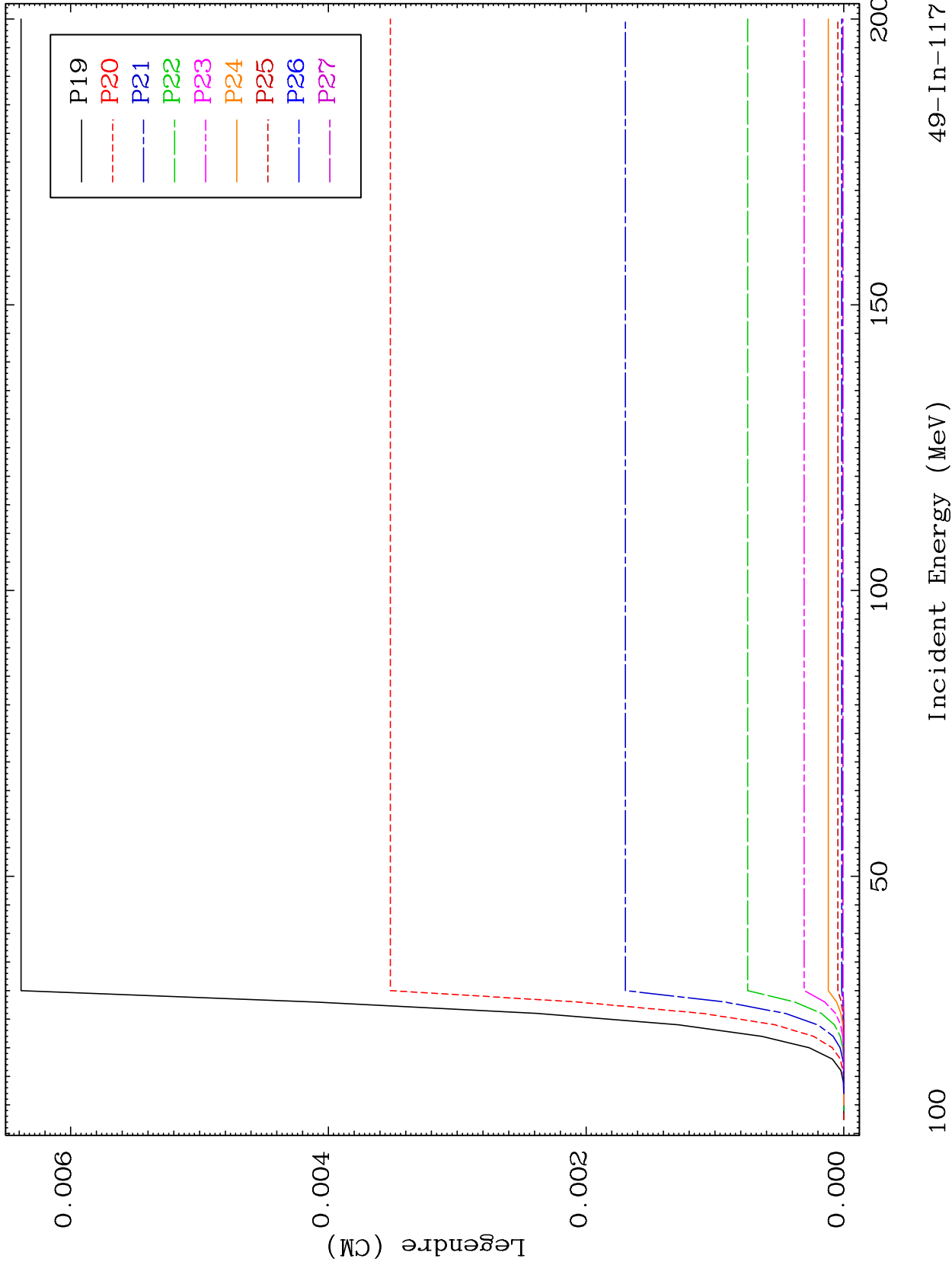
Incident Energy (MeV)

49-In-117

MAT 4937

1.612 MeV (n,n') Level
Legendre Coefficients

49-In-117



100

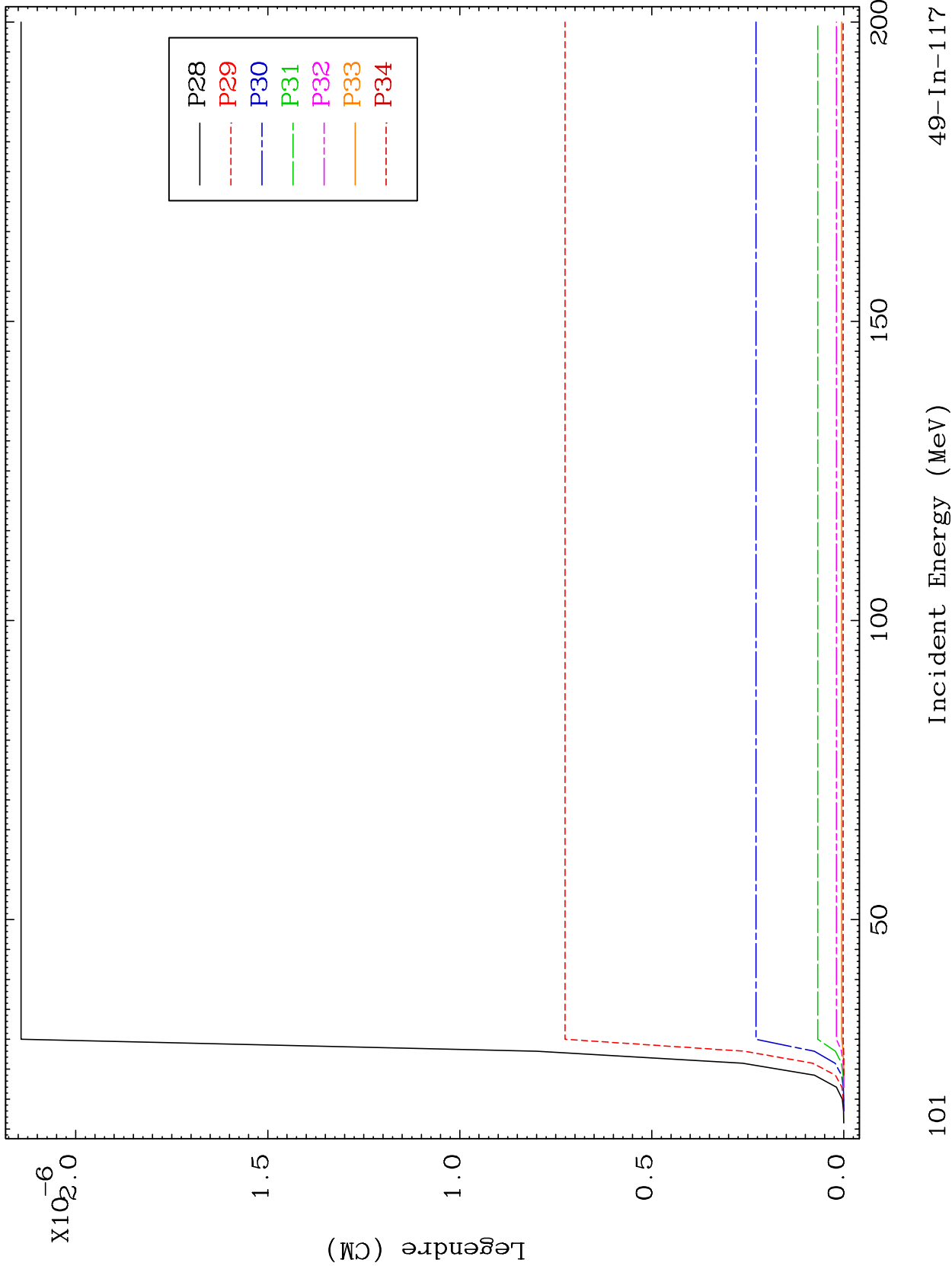
Incident Energy (MeV)

49-In-117

MAT 4937

1.612 MeV (n,n') Level
Legendre Coefficients

49-In-117



101

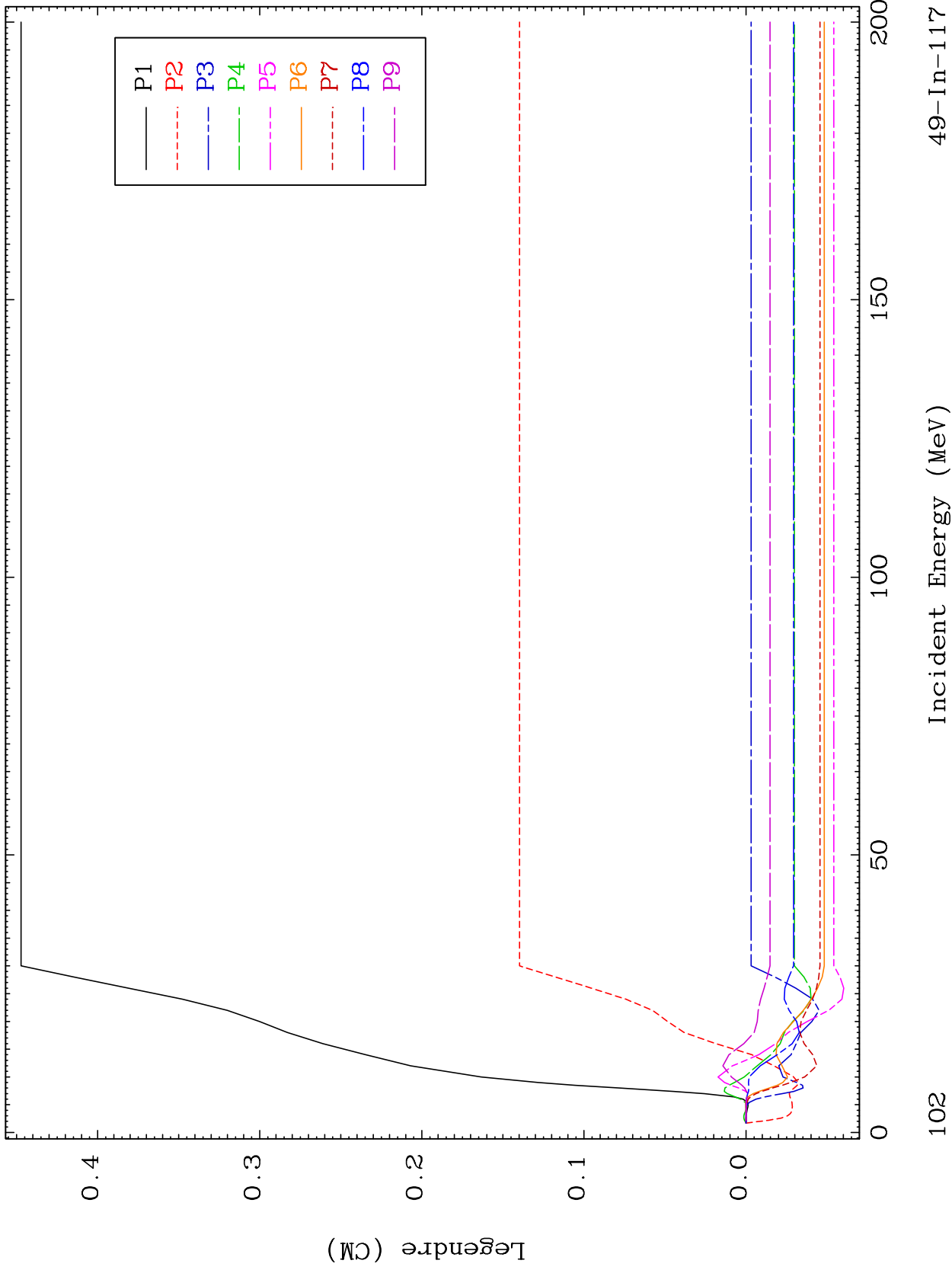
Incident Energy (MeV)

49-In-117

MAT 4937

1.653 MeV (n,n') Level
Legendre Coefficients

49-In-117



102

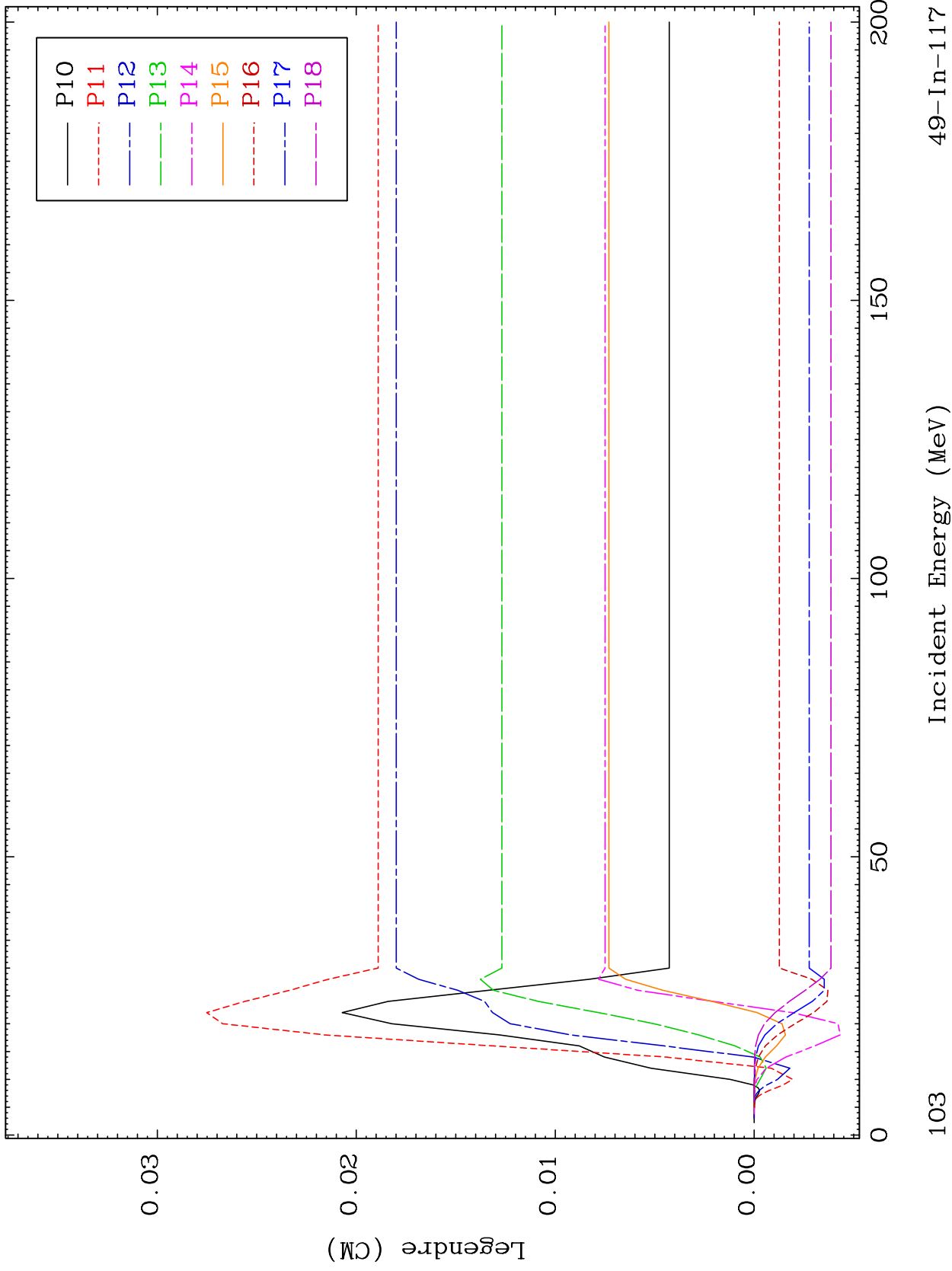
Incident Energy (MeV)

49-In-117

MAT 4937

1.653 MeV (n,n') Level
Legendre Coefficients

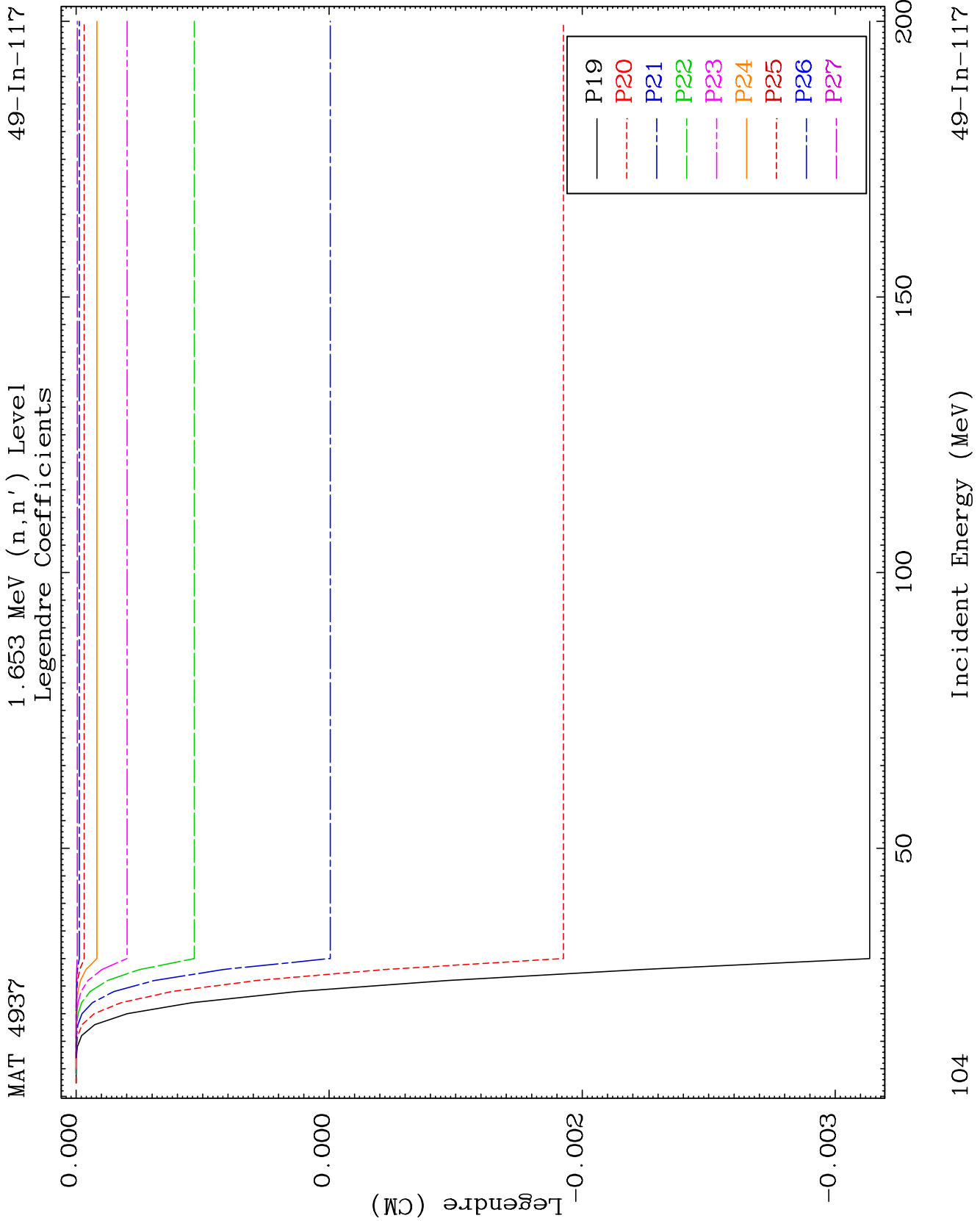
49-In-117

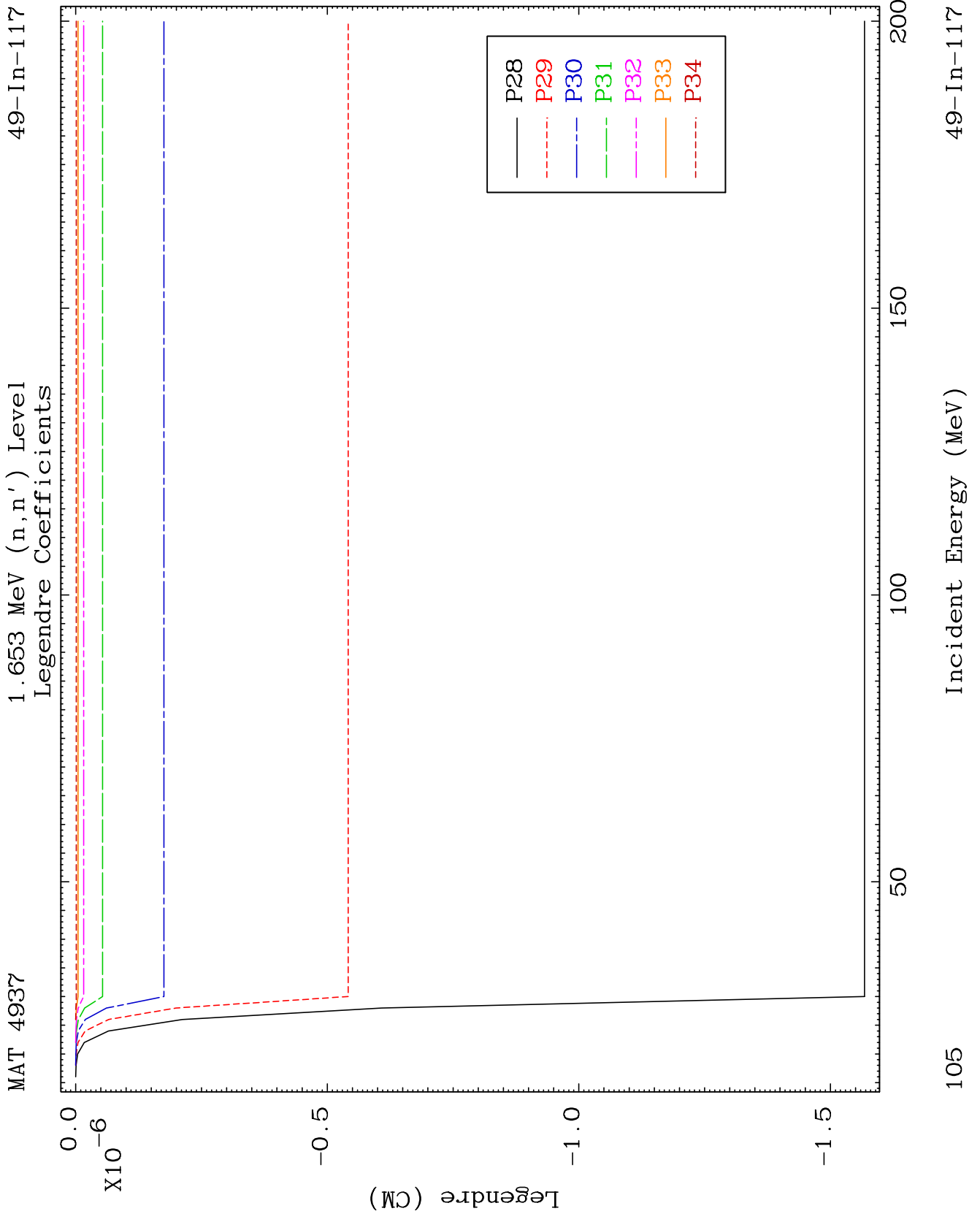


103

Incident Energy (MeV)

49-In-117

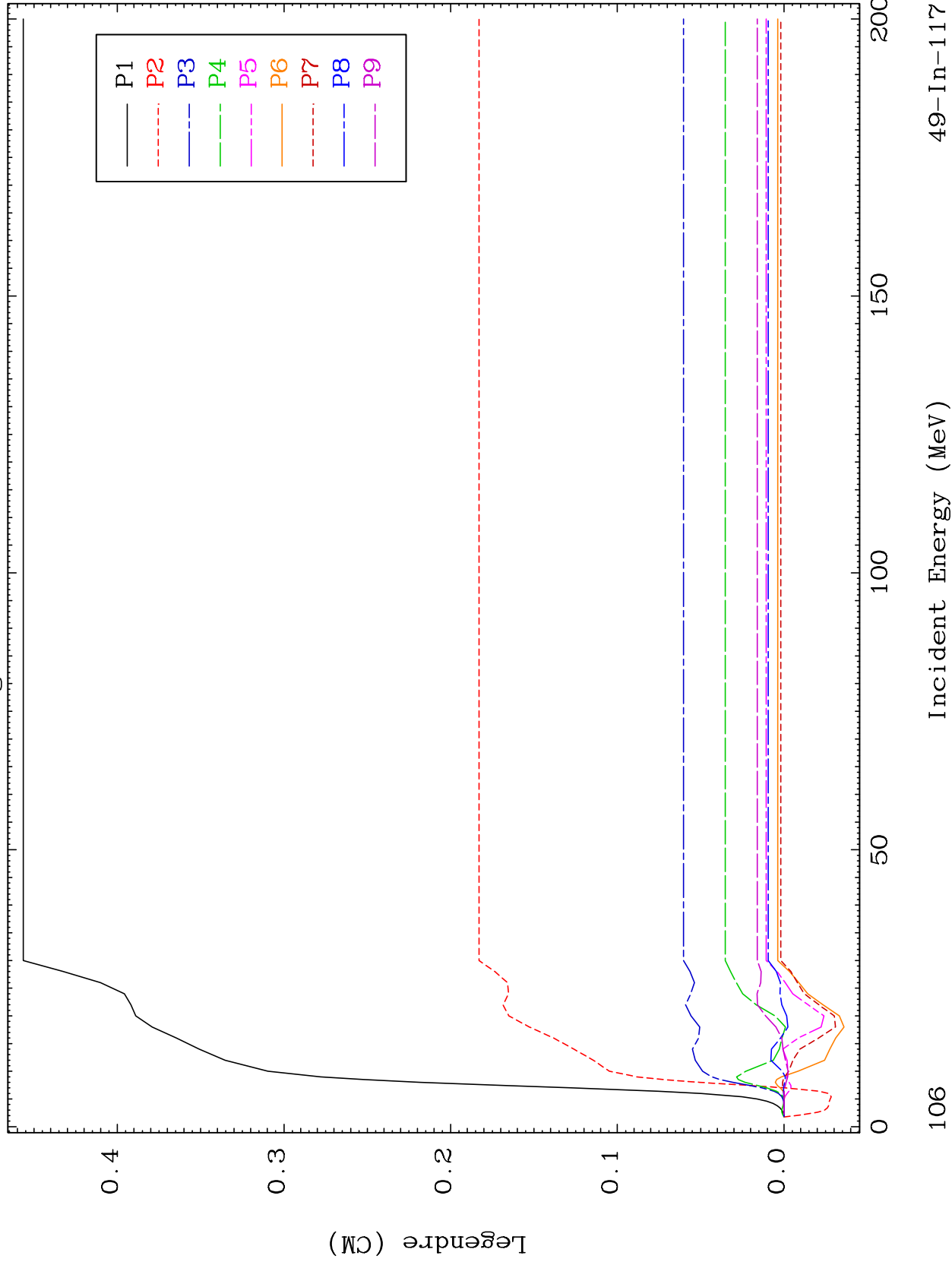




MAT 4937

1.713 MeV (n,n') Level
Legendre Coefficients

49-In-117



49-In-117

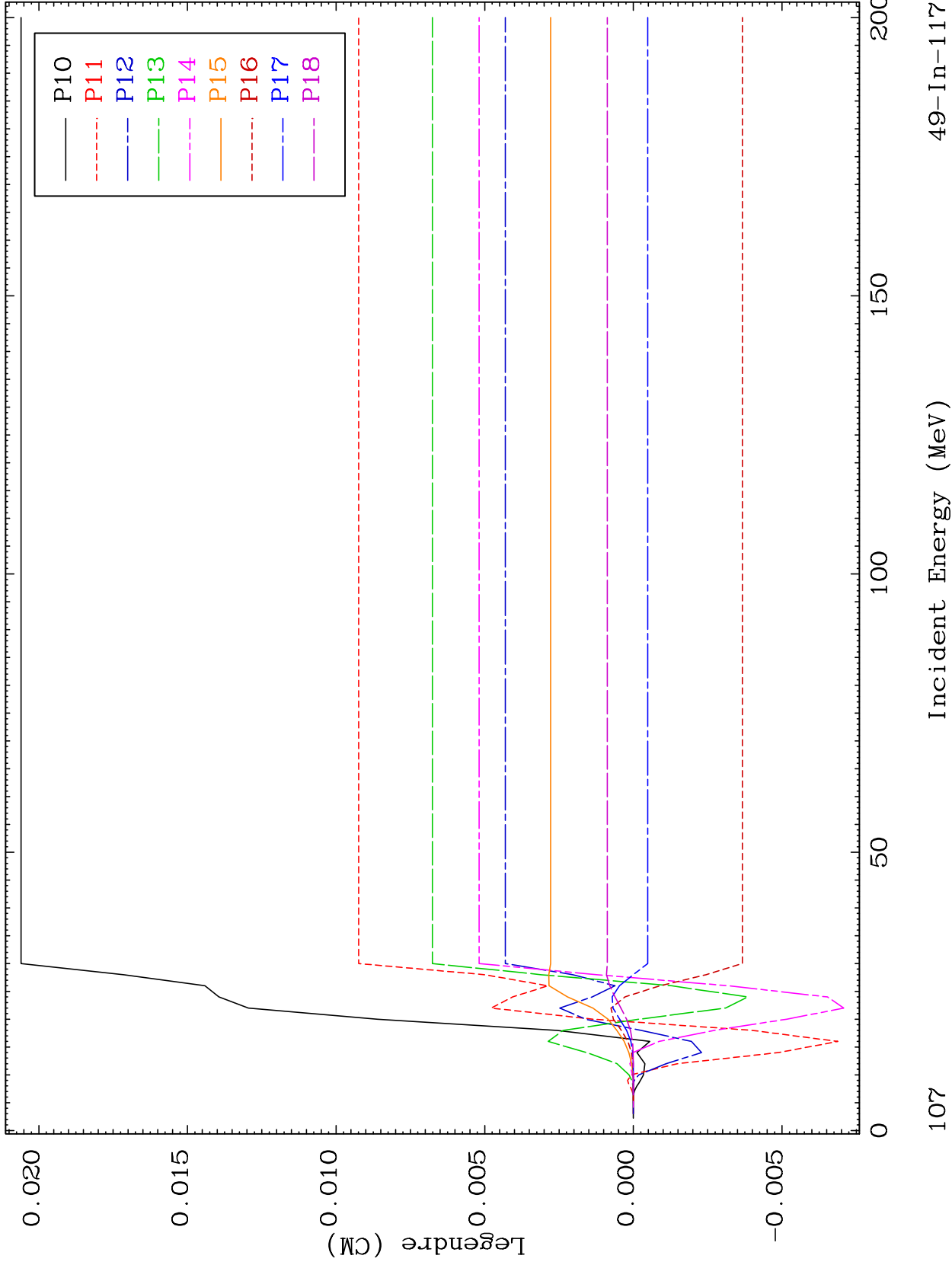
Incident Energy (MeV)

106

MAT 4937

1.713 MeV (n,n') Level
Legendre Coefficients

49-In-117



49-In-117

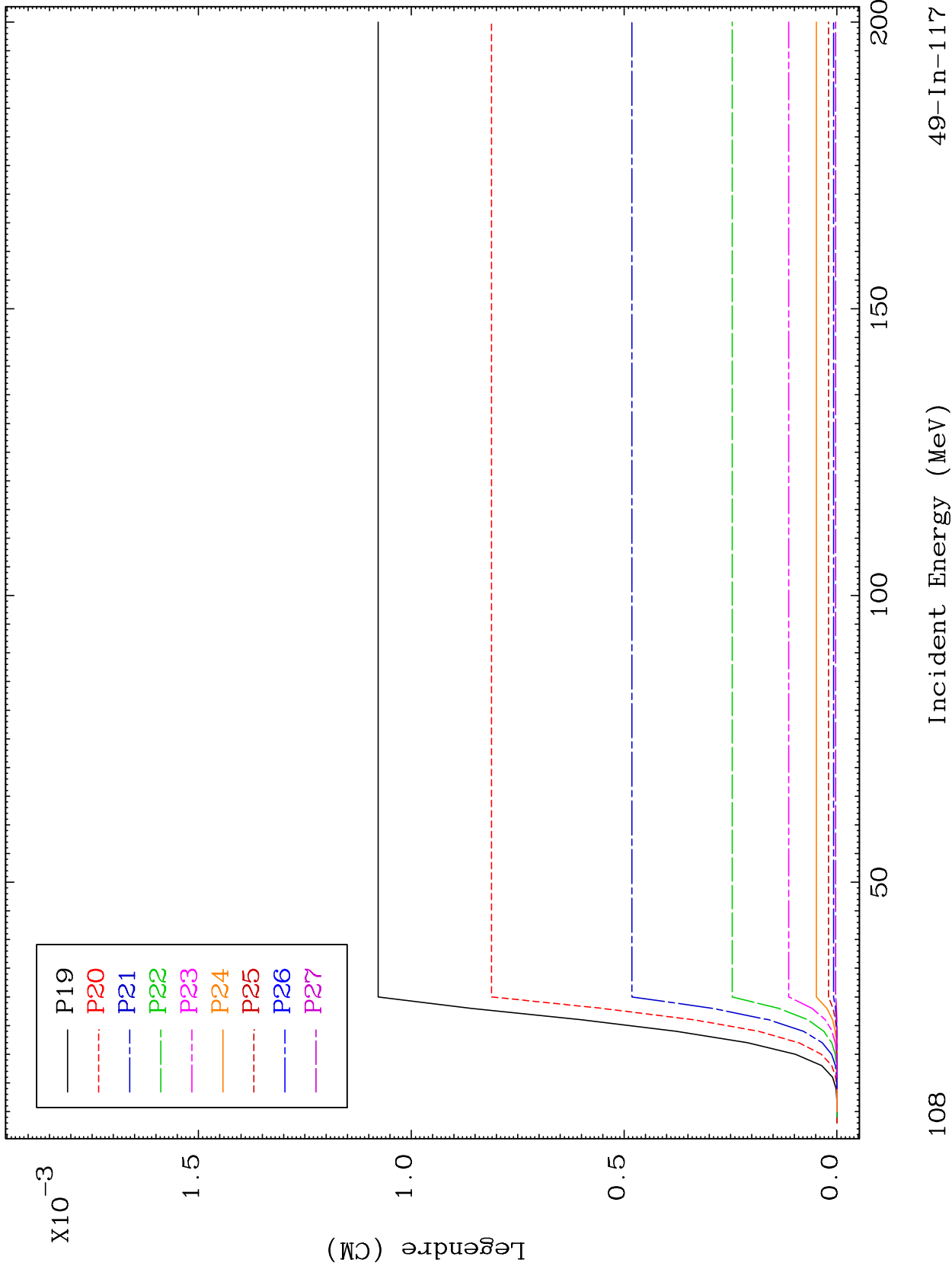
Incident Energy (MeV)

107

MAT 4937

1.713 MeV (n,n') Level
Legendre Coefficients

49-In-117

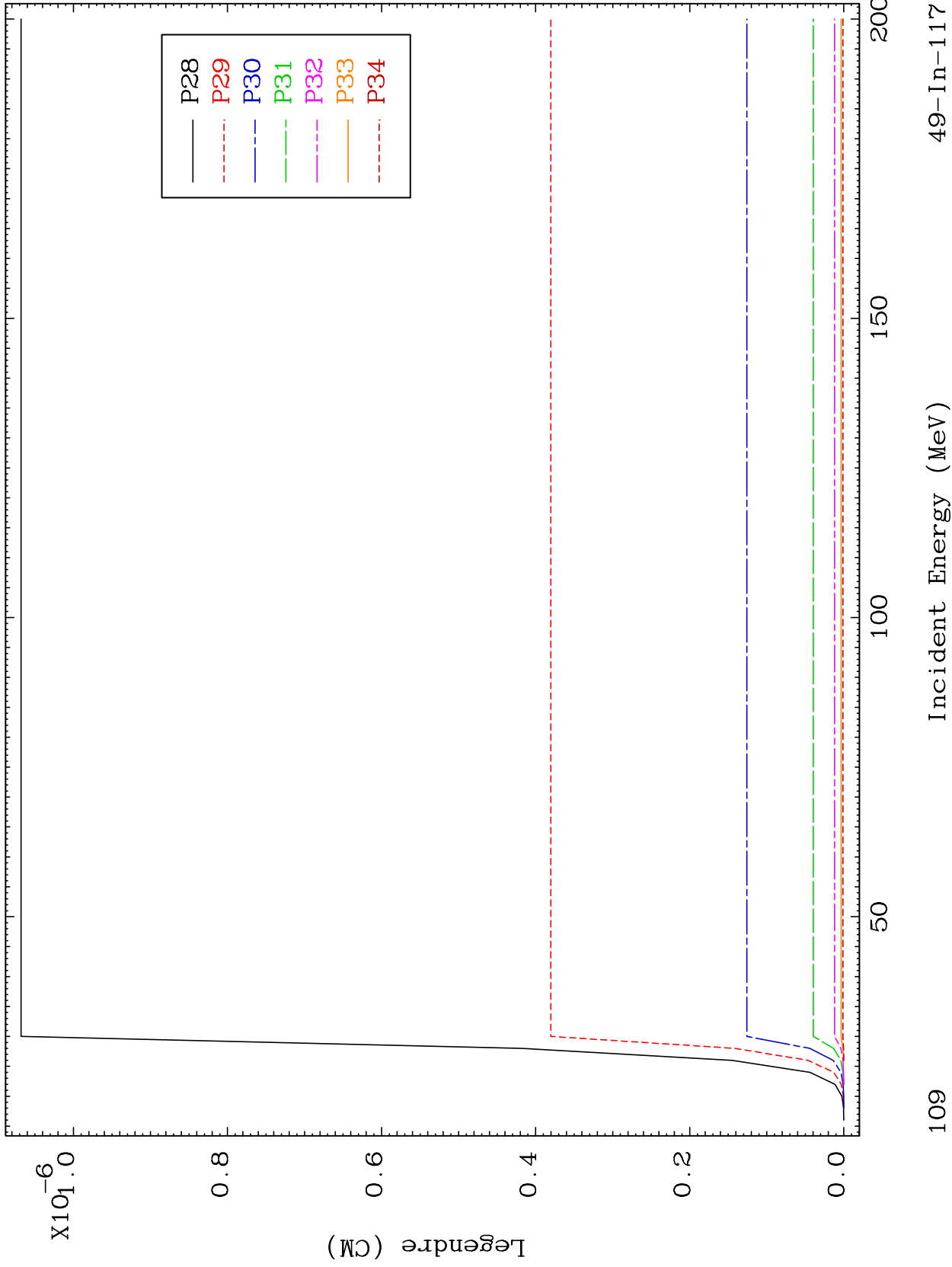


108

MAT 4937

1.713 MeV (n,n') Level
Legendre Coefficients

49-In-117

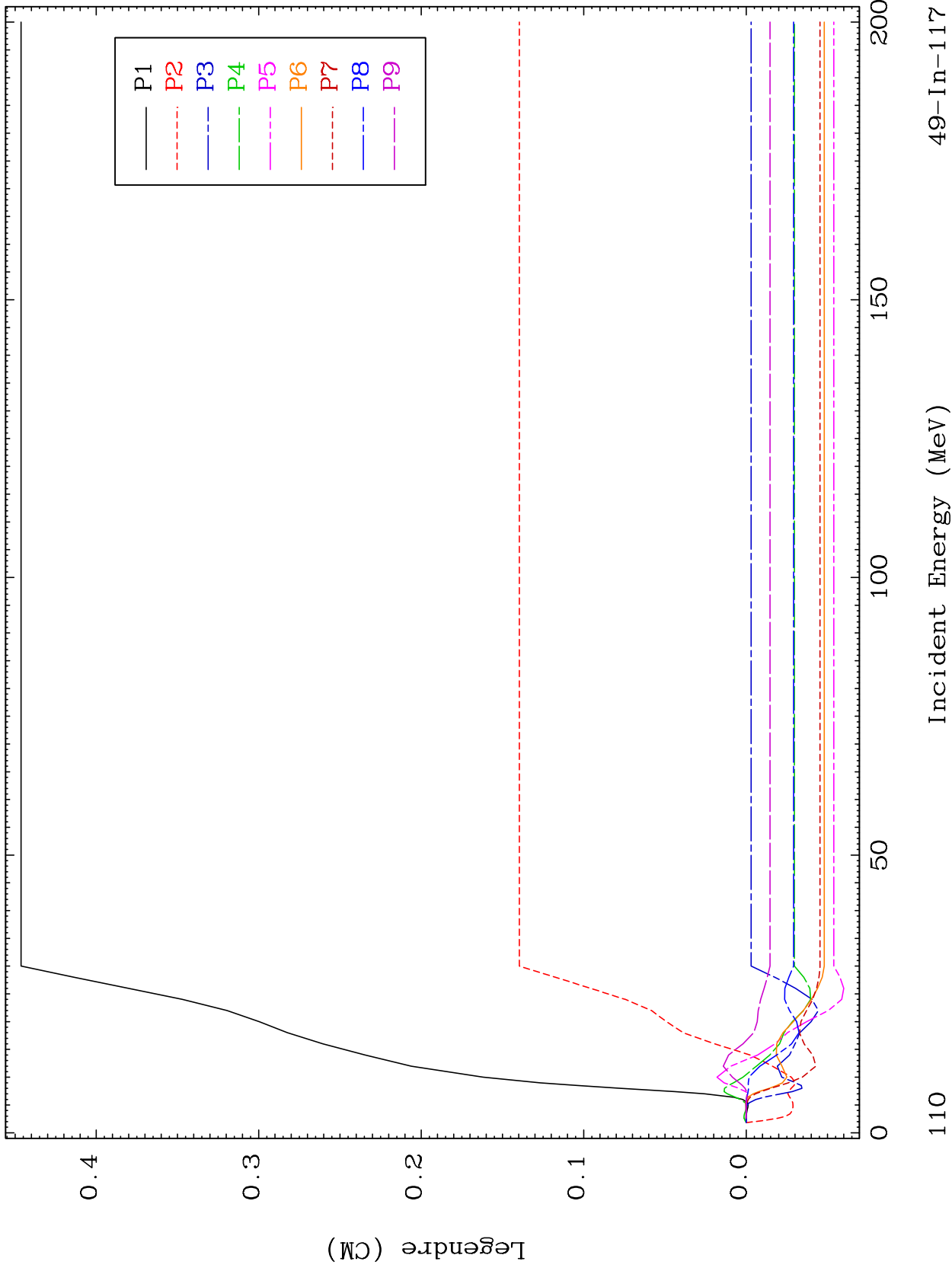


109

MAT 4937

1.785 MeV (n,n') Level
Legendre Coefficients

49-In-117



49-In-117

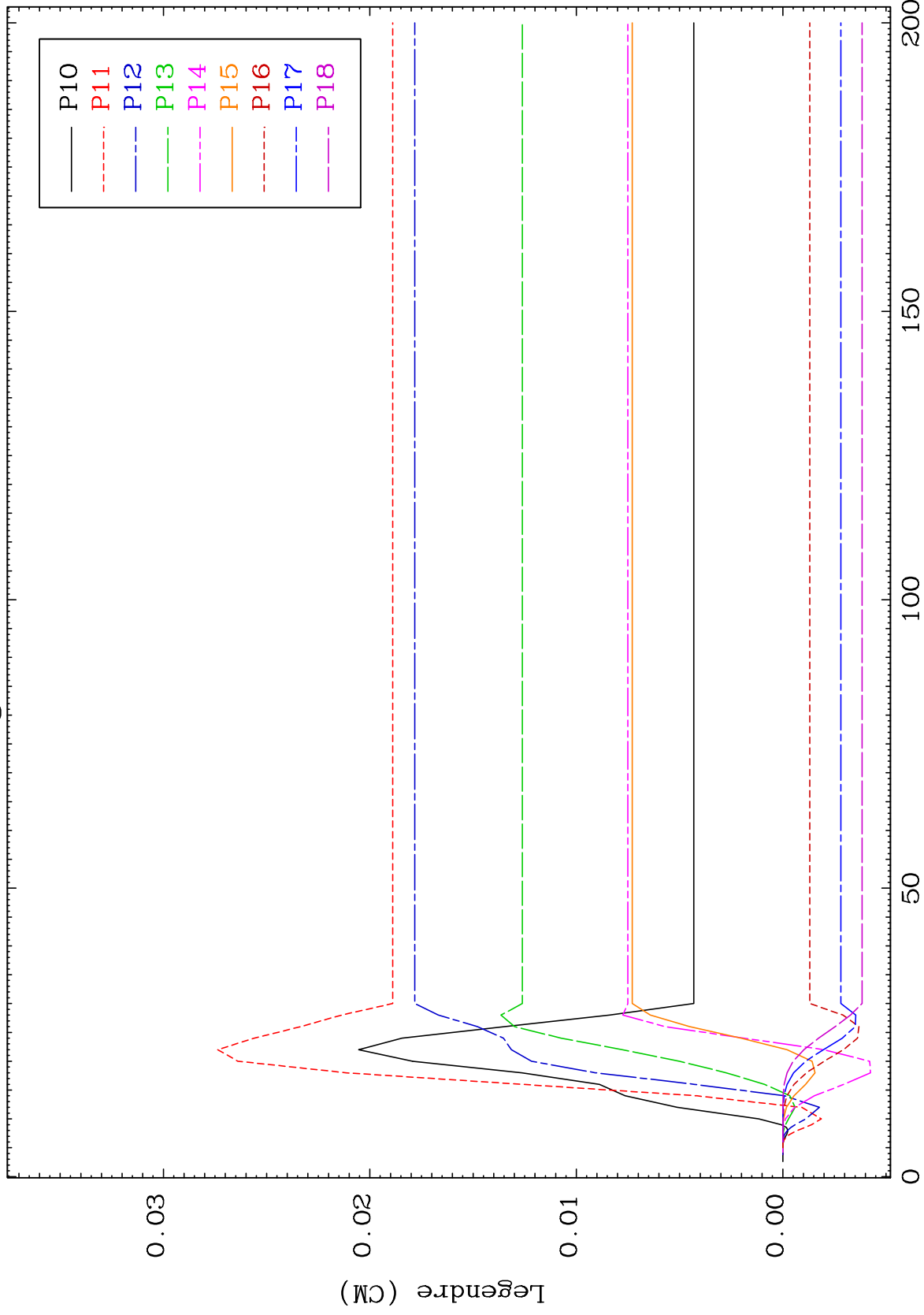
Incident Energy (MeV)

110

MAT 4937

1.785 MeV (n,n') Level
Legendre Coefficients

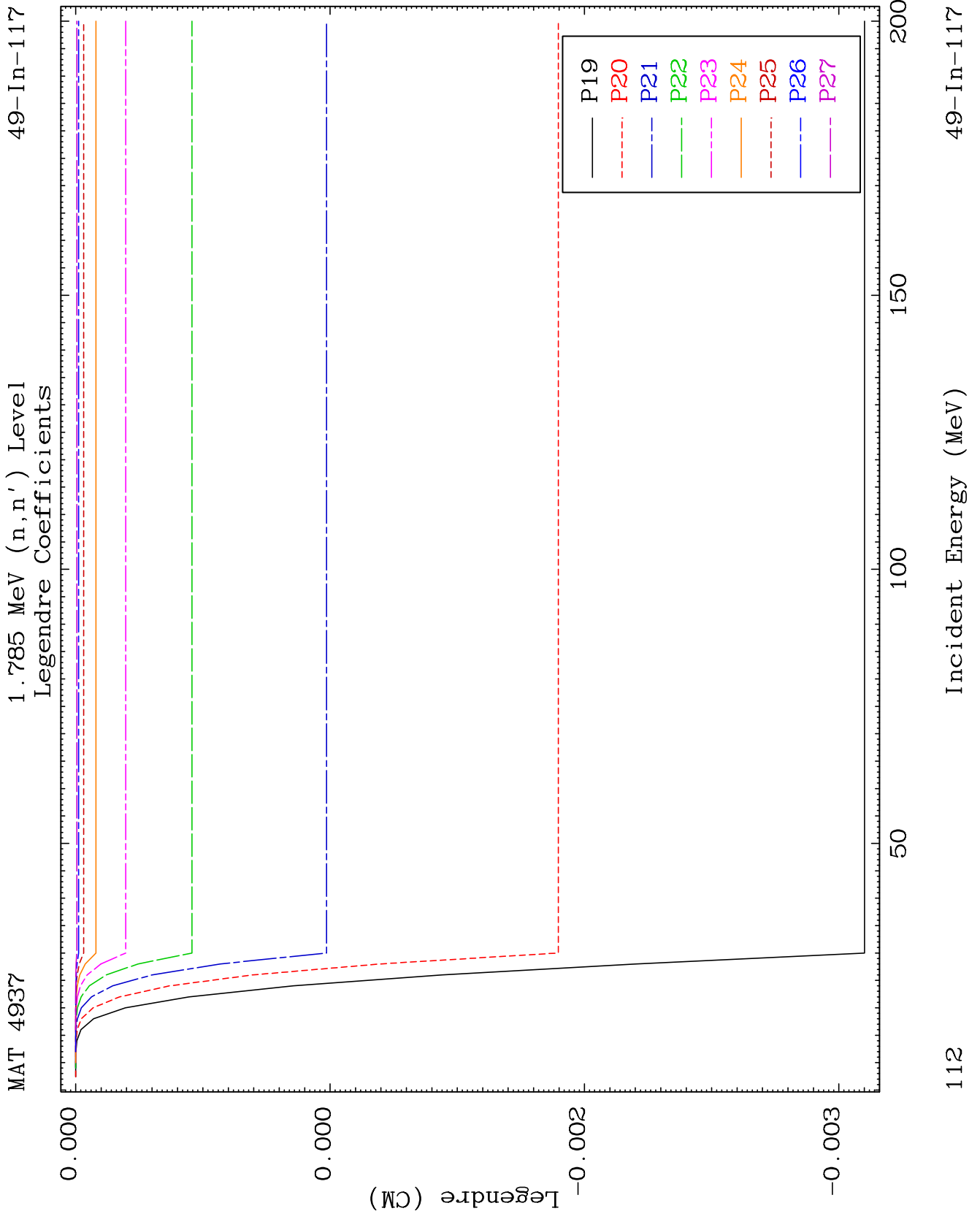
49-In-117

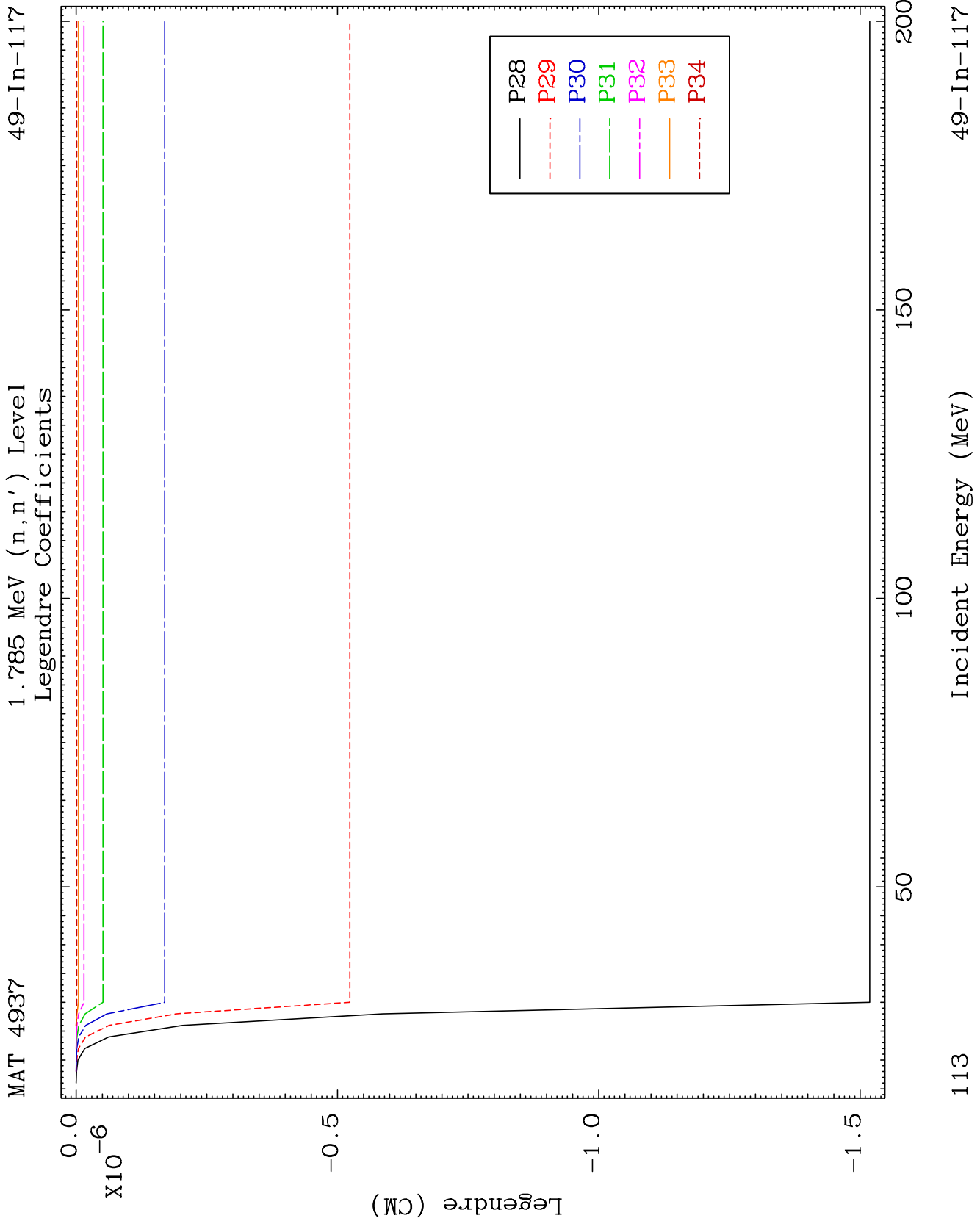


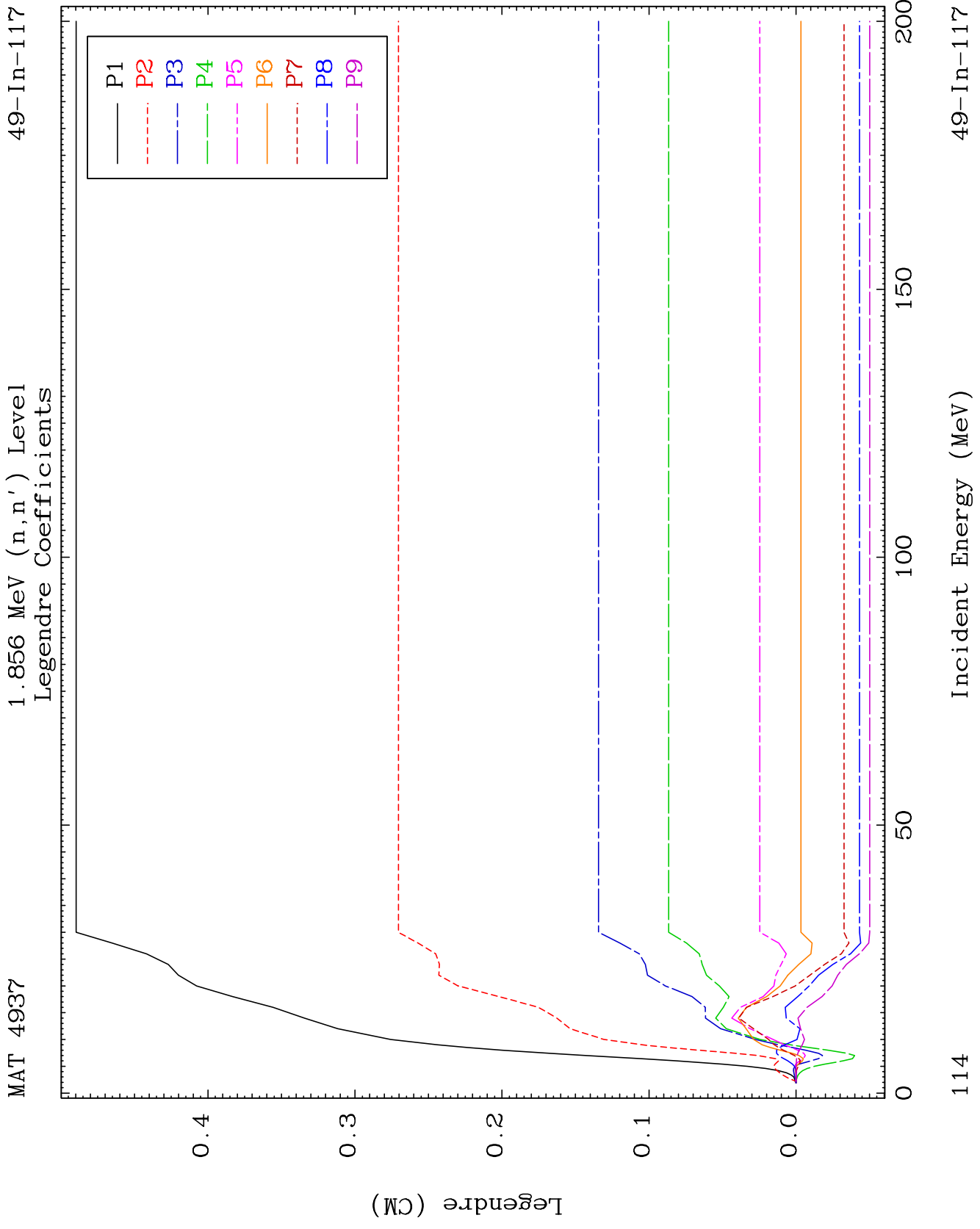
111

Incident Energy (MeV)

49-In-117



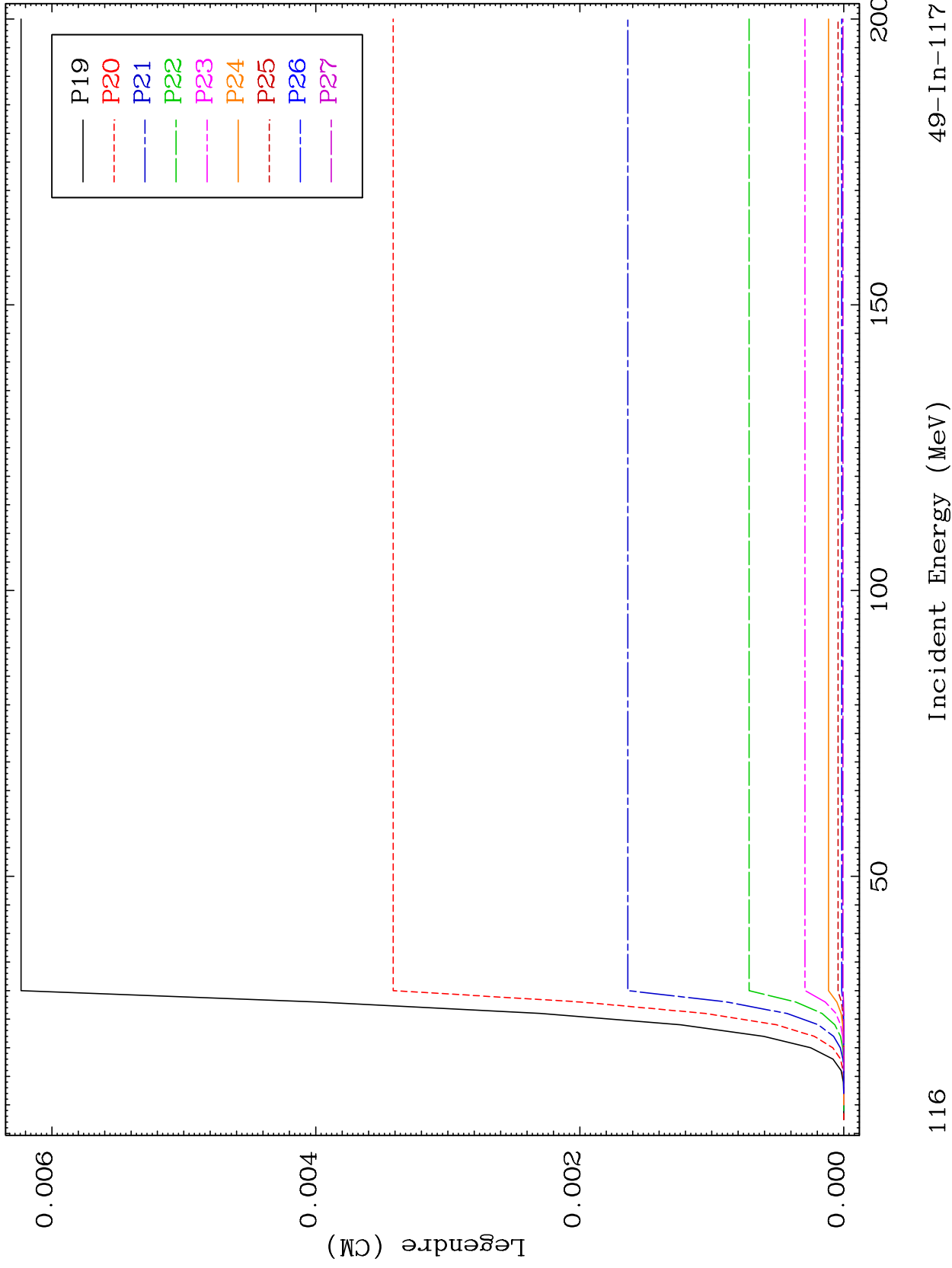




MAT 4937

1.856 MeV (n,n') Level
Legendre Coefficients

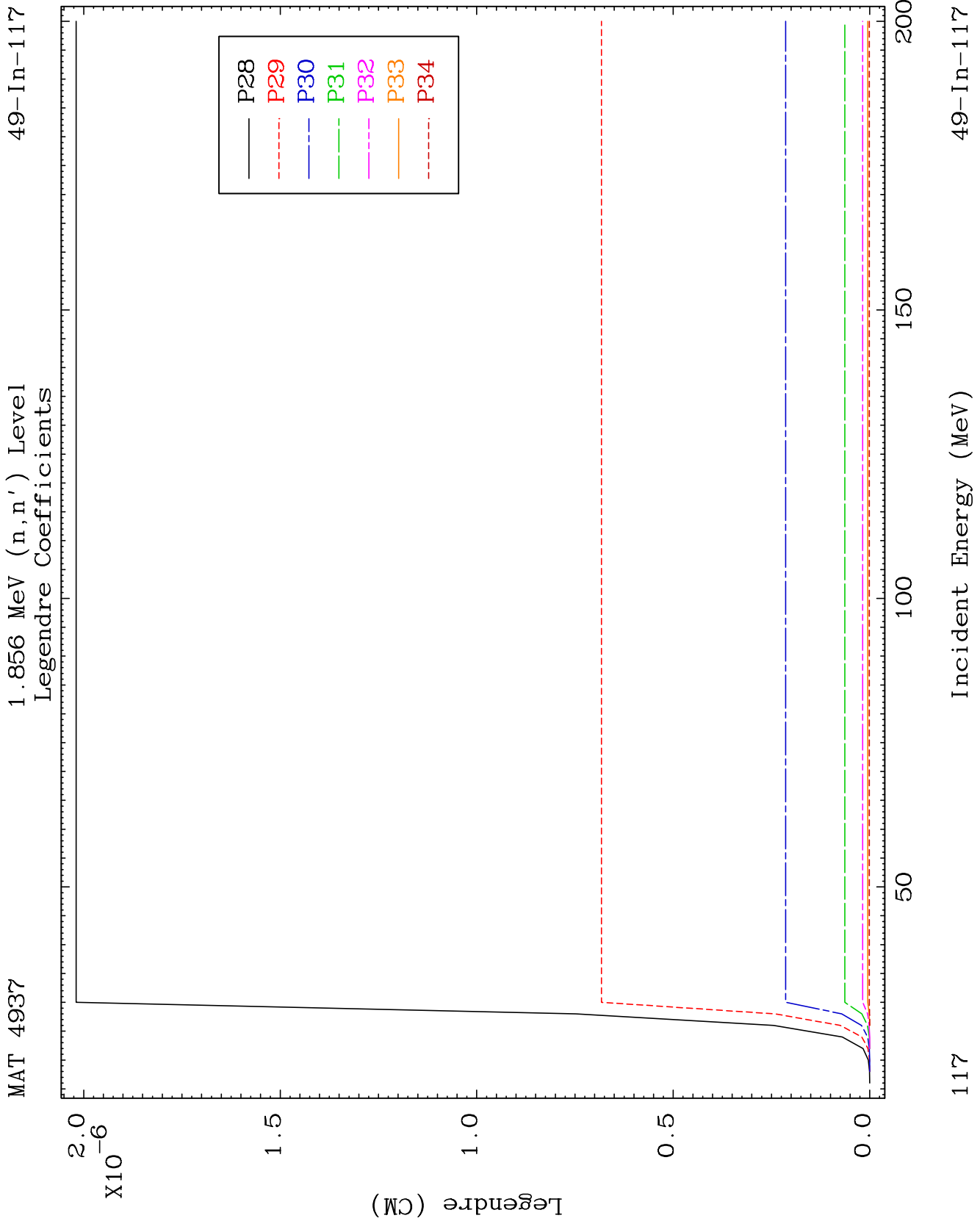
49-In-117

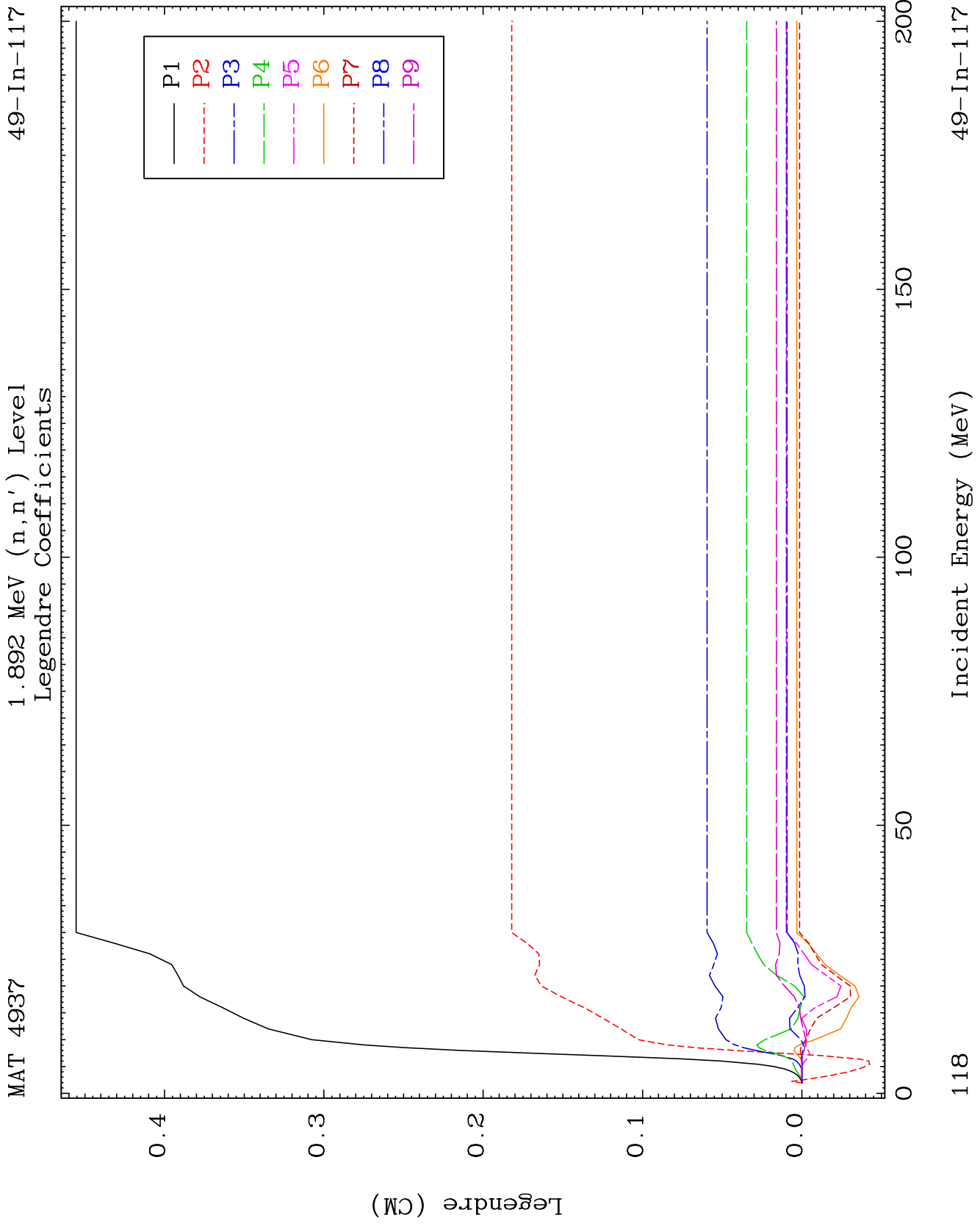


116

Incident Energy (MeV)

49-In-117

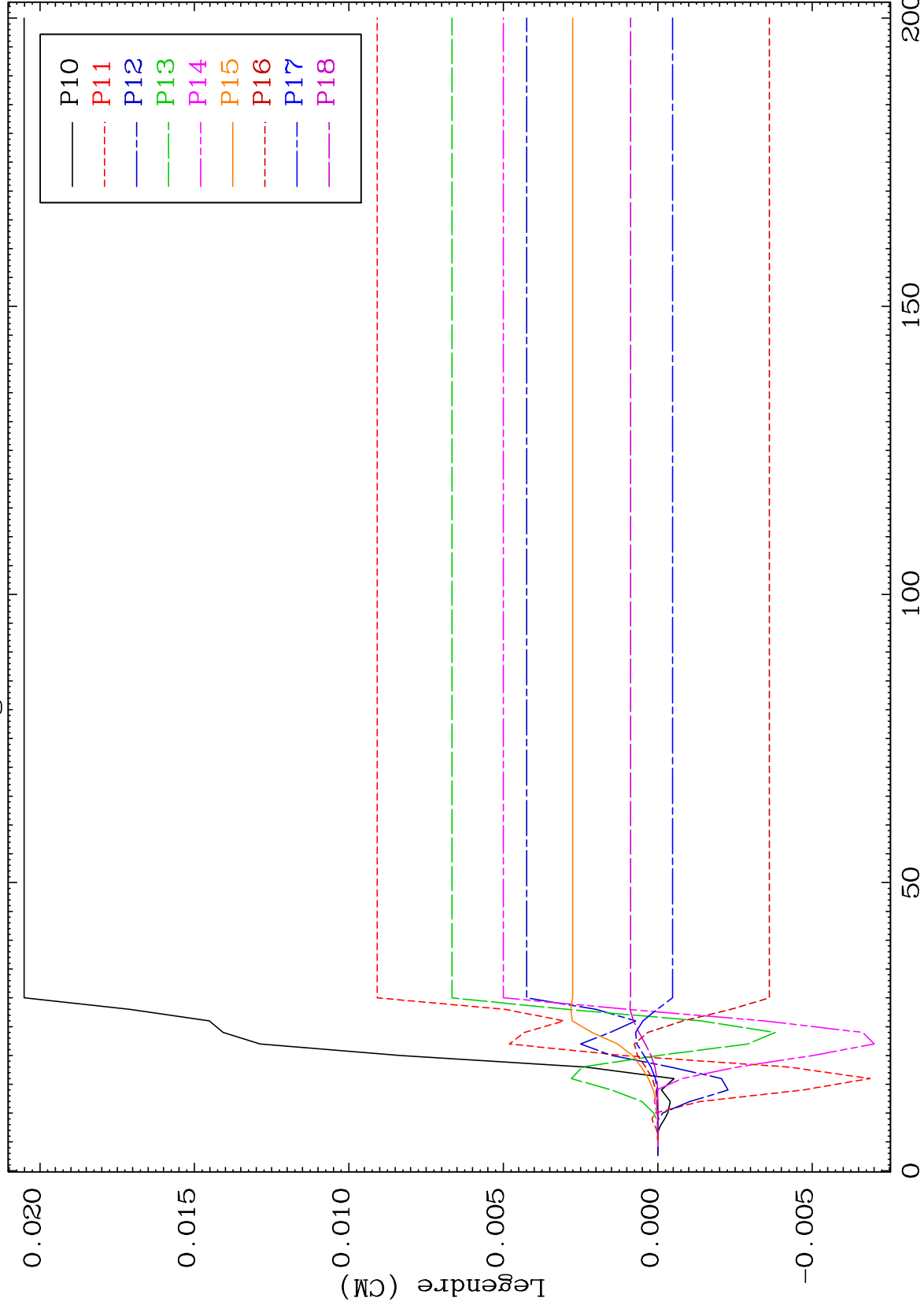




MAT 4937

1.892 MeV (n,n') Level
Legendre Coefficients

49-In-117



119

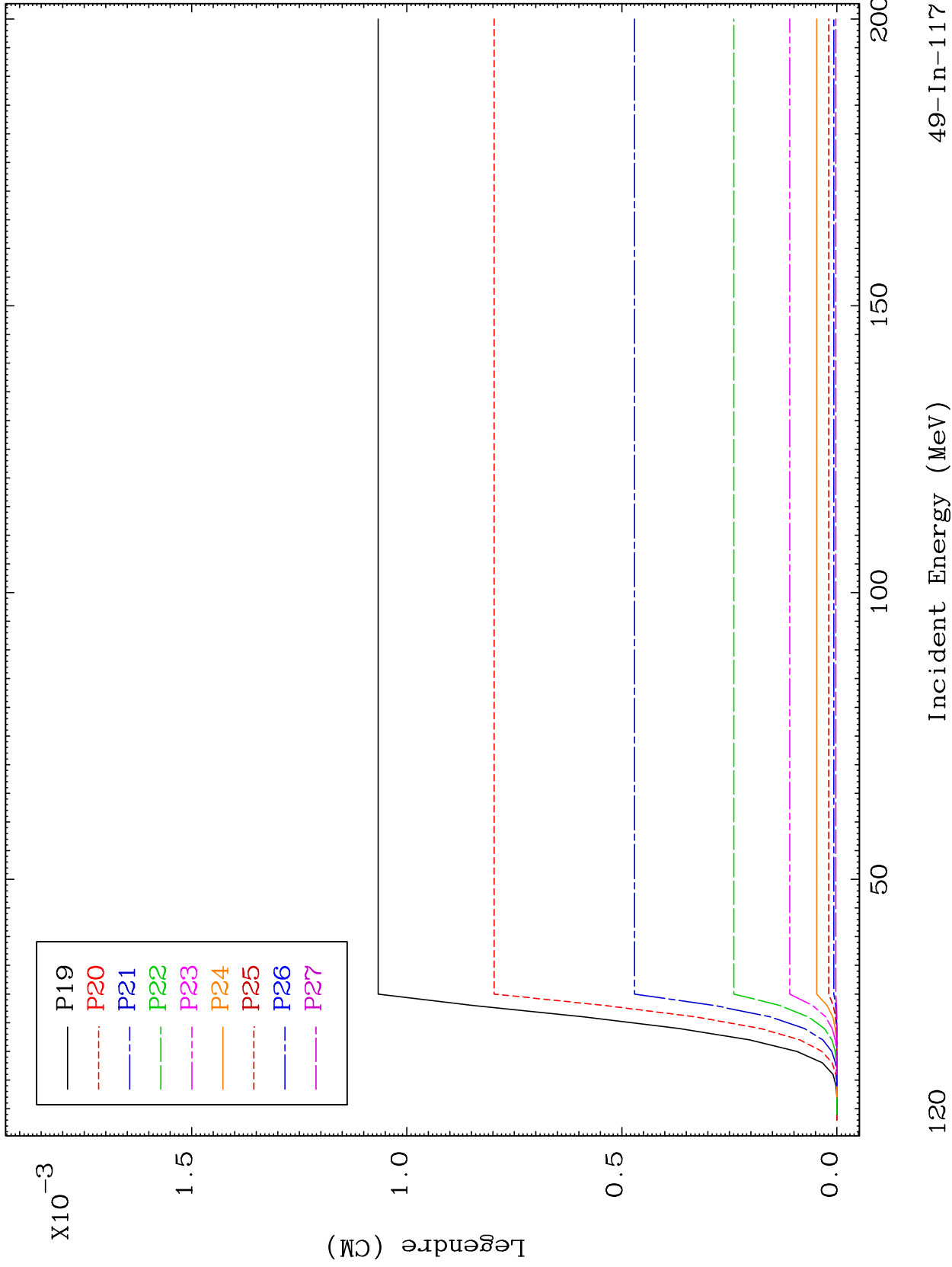
Incident Energy (MeV)

49-In-117

MAT 4937

1.892 MeV (n,n') Level
Legendre Coefficients

49-In-117



120

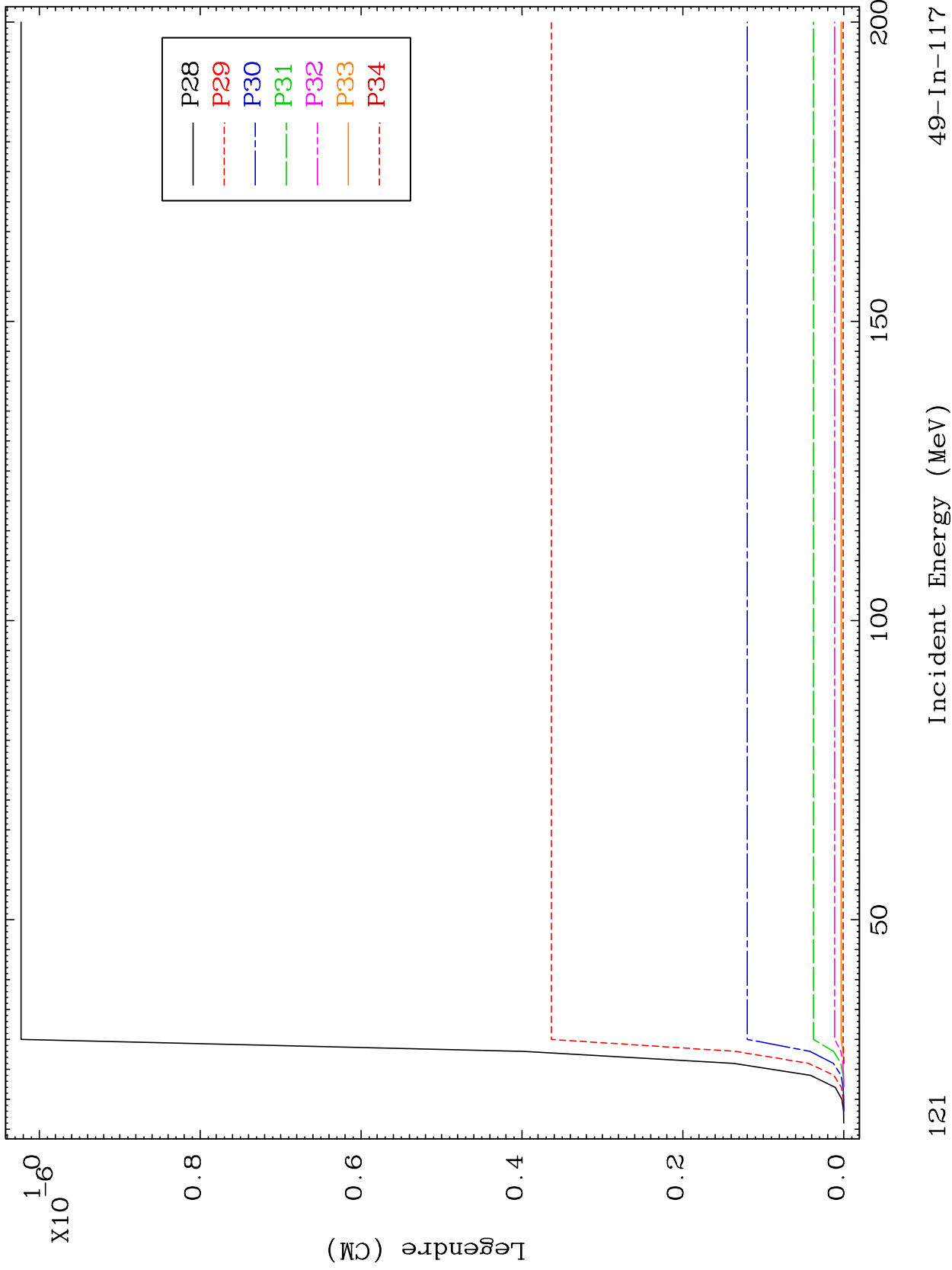
Incident Energy (MeV)

49-In-117

MAT 4937

1.892 MeV (n,n') Level
Legendre Coefficients

49-In-117



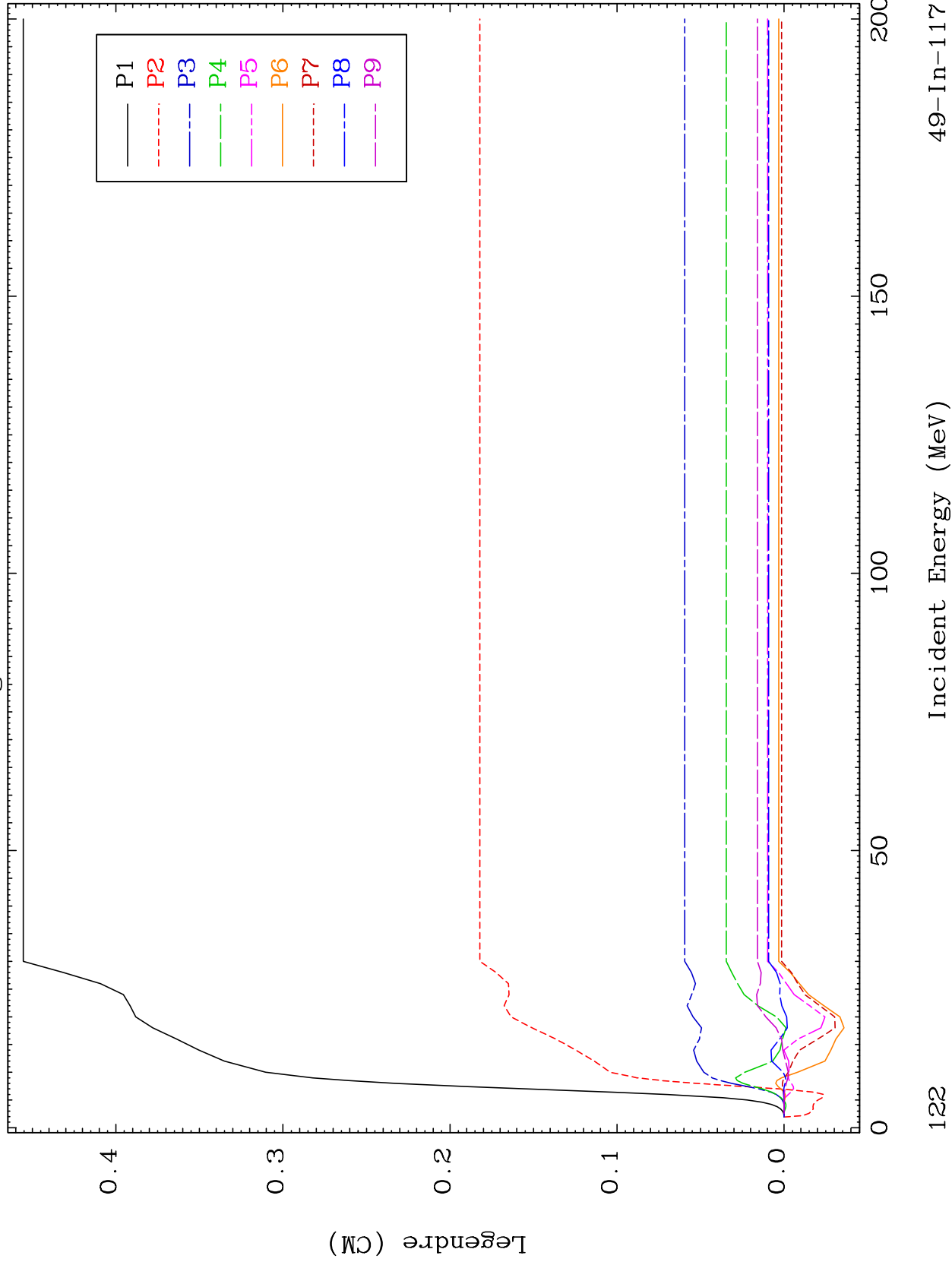
121

49-In-117

MAT 4937

1.898 MeV (n,n') Level
Legendre Coefficients

49-In-117



49-In-117

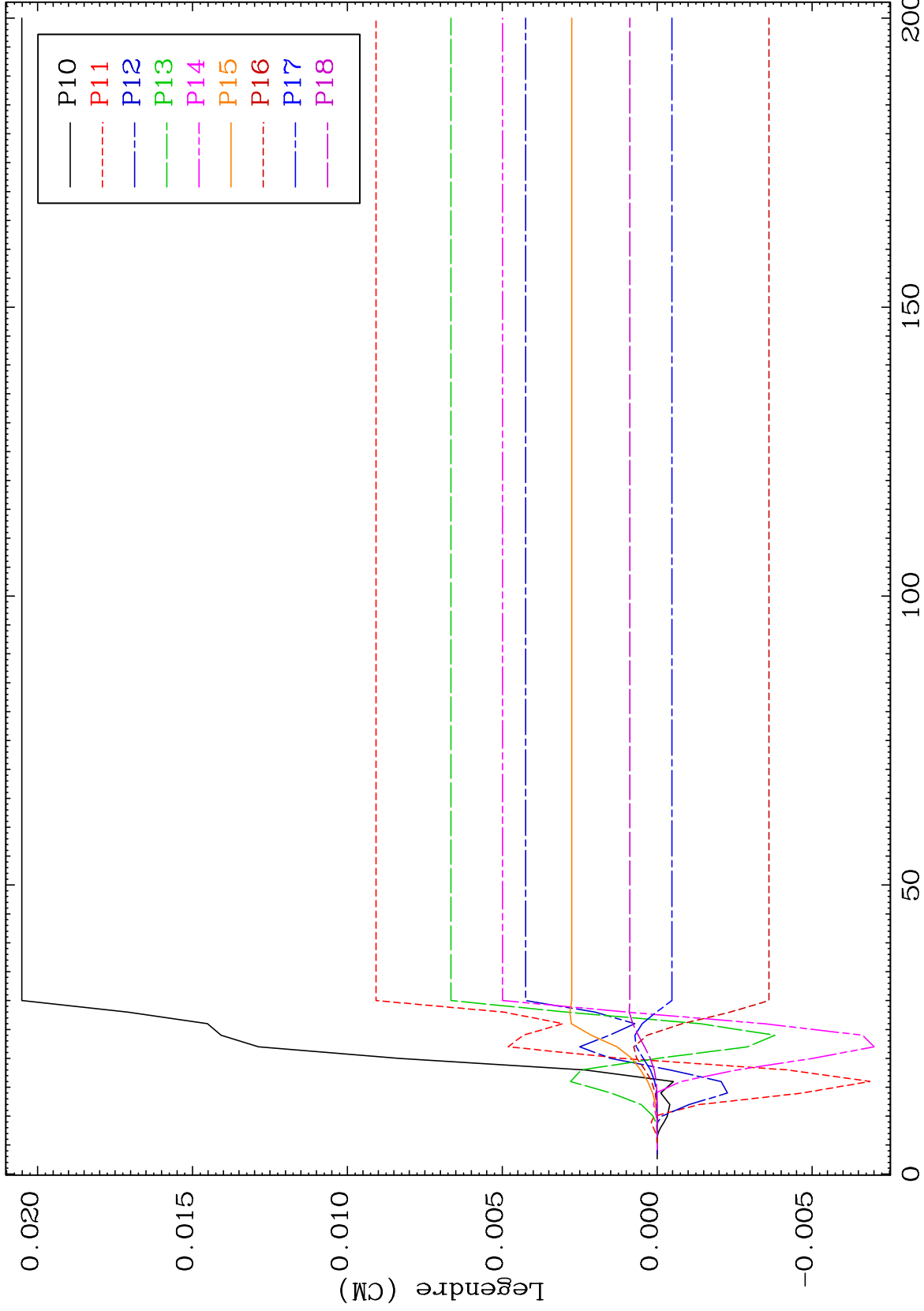
Incident Energy (MeV)

122

MAT 4937

1.898 MeV (n,n') Level
Legendre Coefficients

49-In-117



123

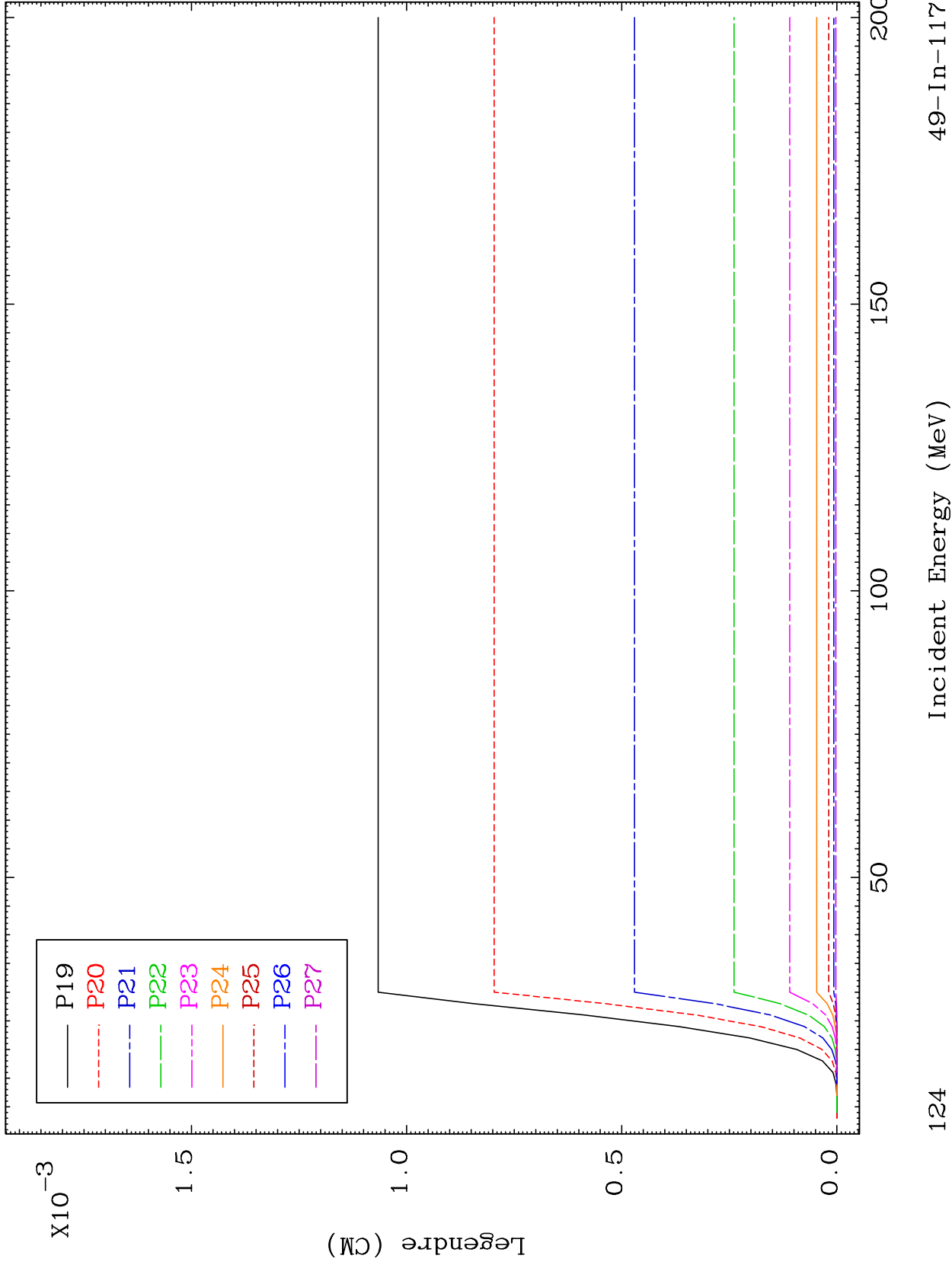
Incident Energy (MeV)

49-In-117

MAT 4937

1.898 MeV (n,n') Level
Legendre Coefficients

49-In-117

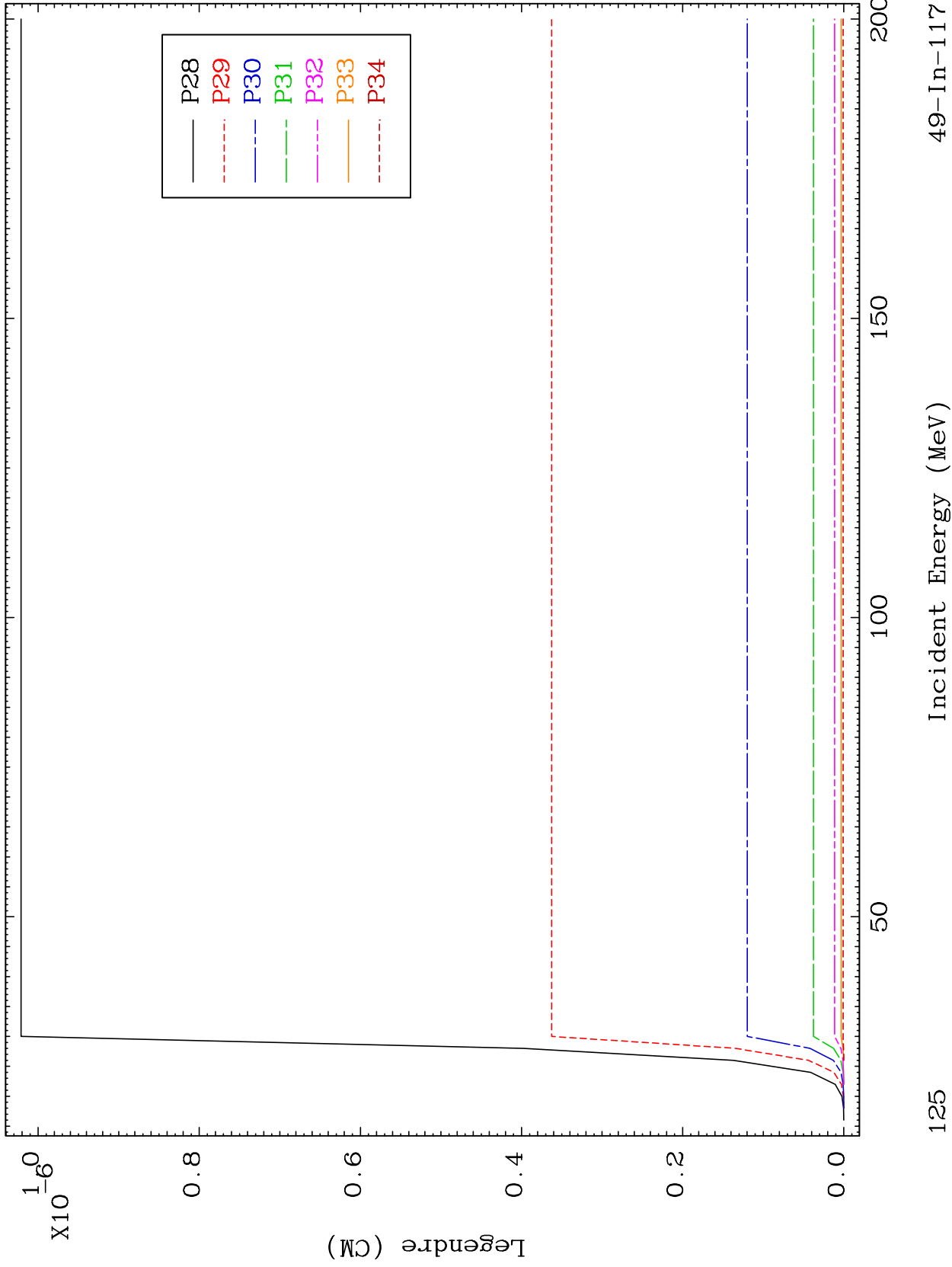


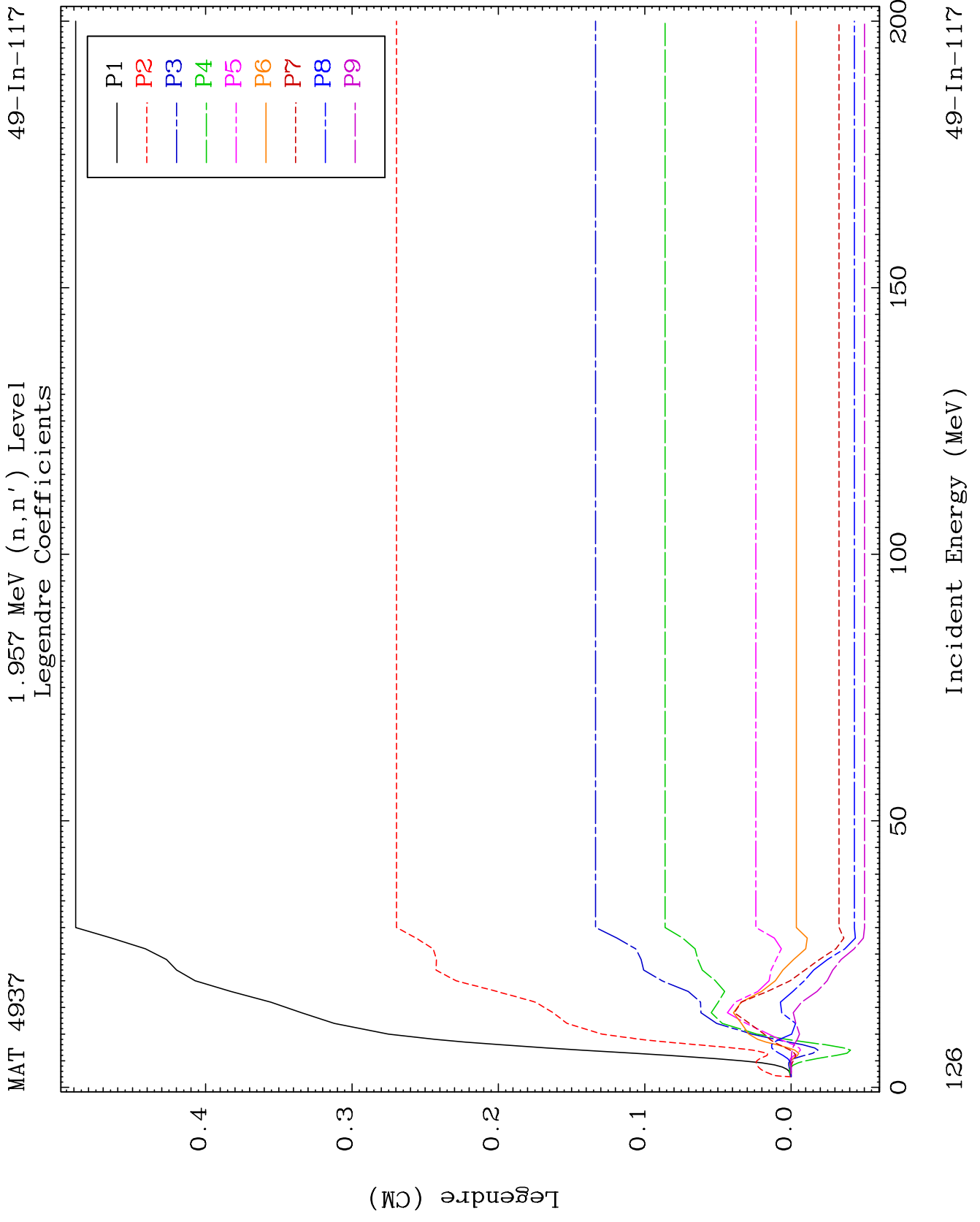
124

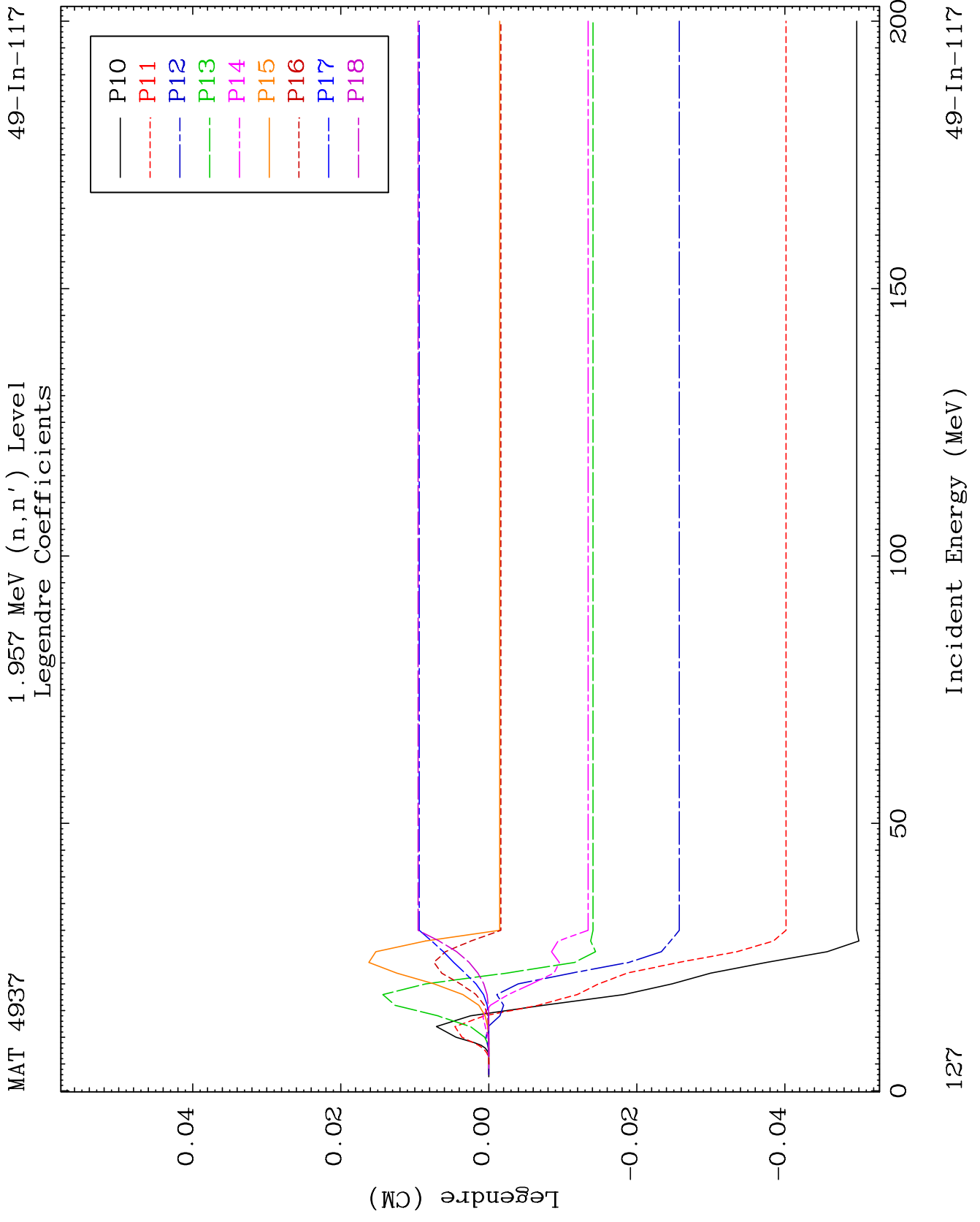
MAT 4937

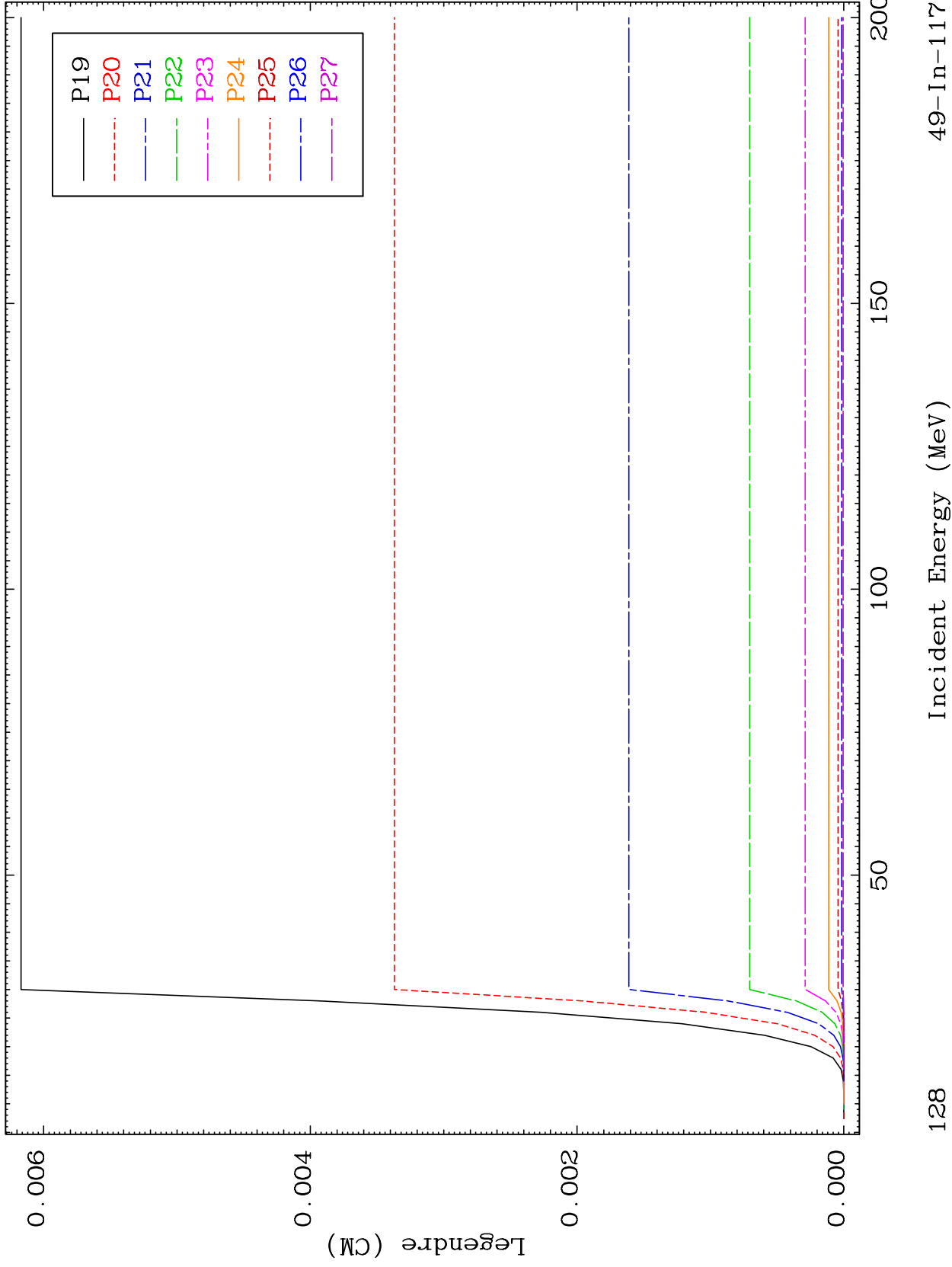
1.898 MeV (n,n') Level
Legendre Coefficients

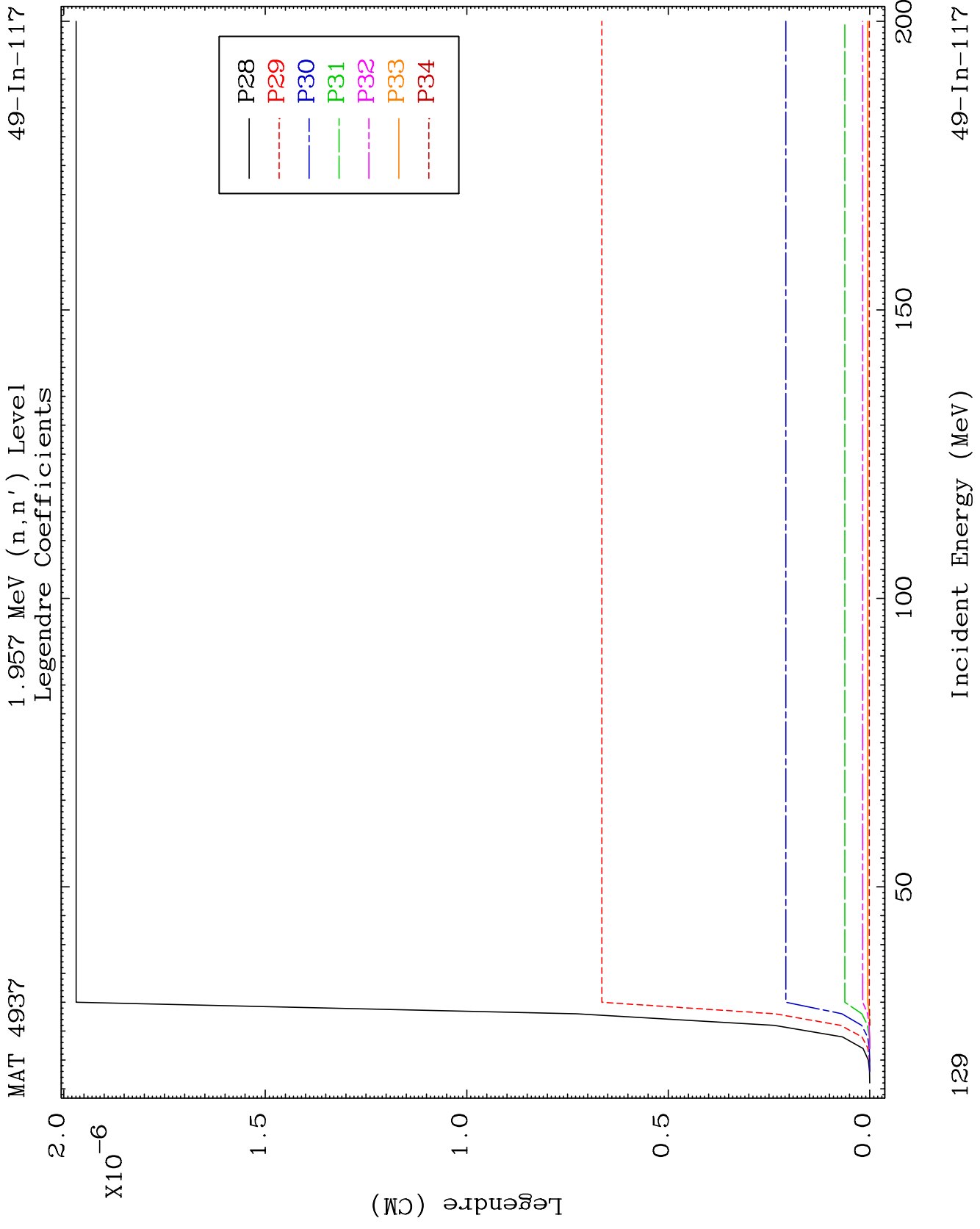
49-In-117

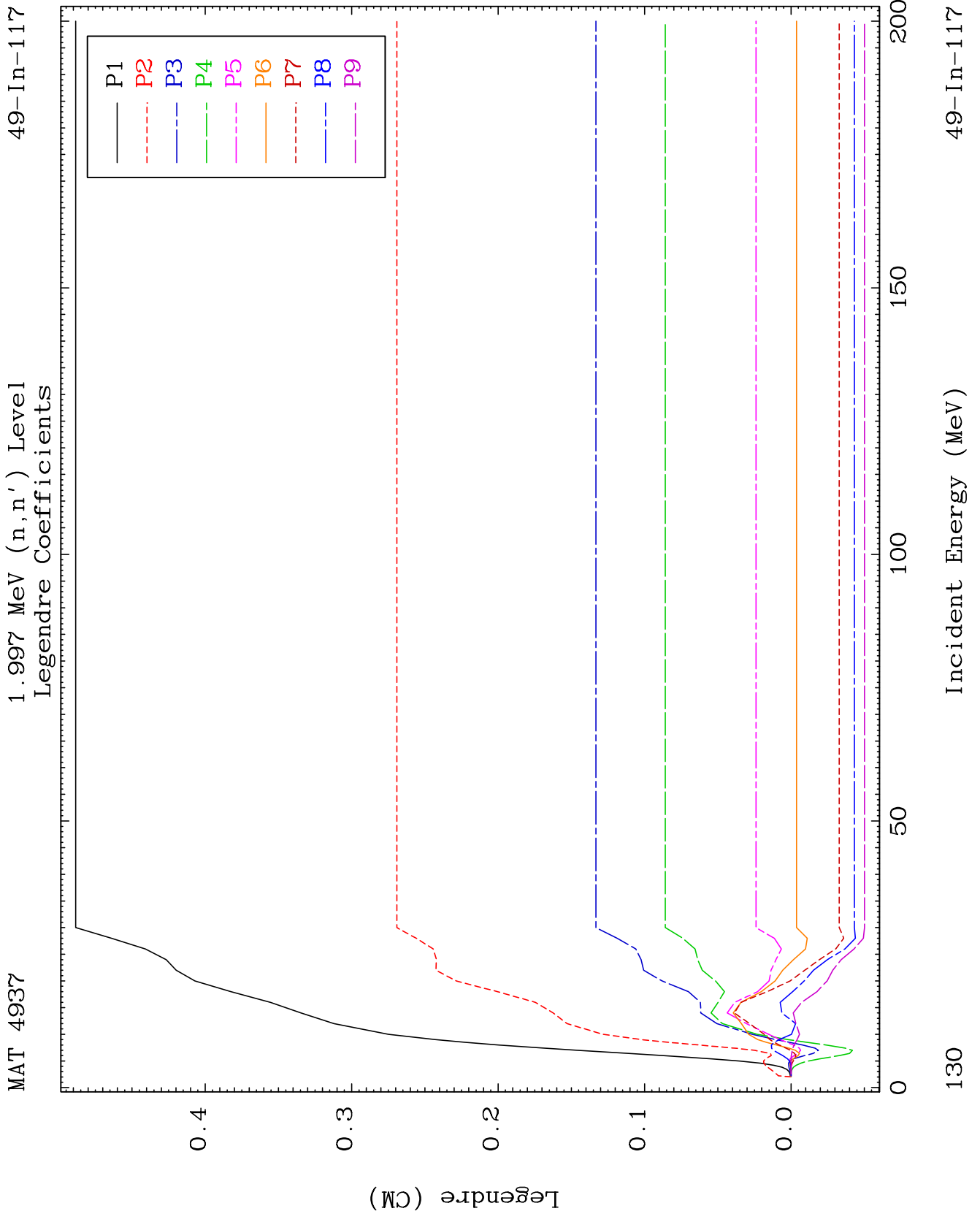








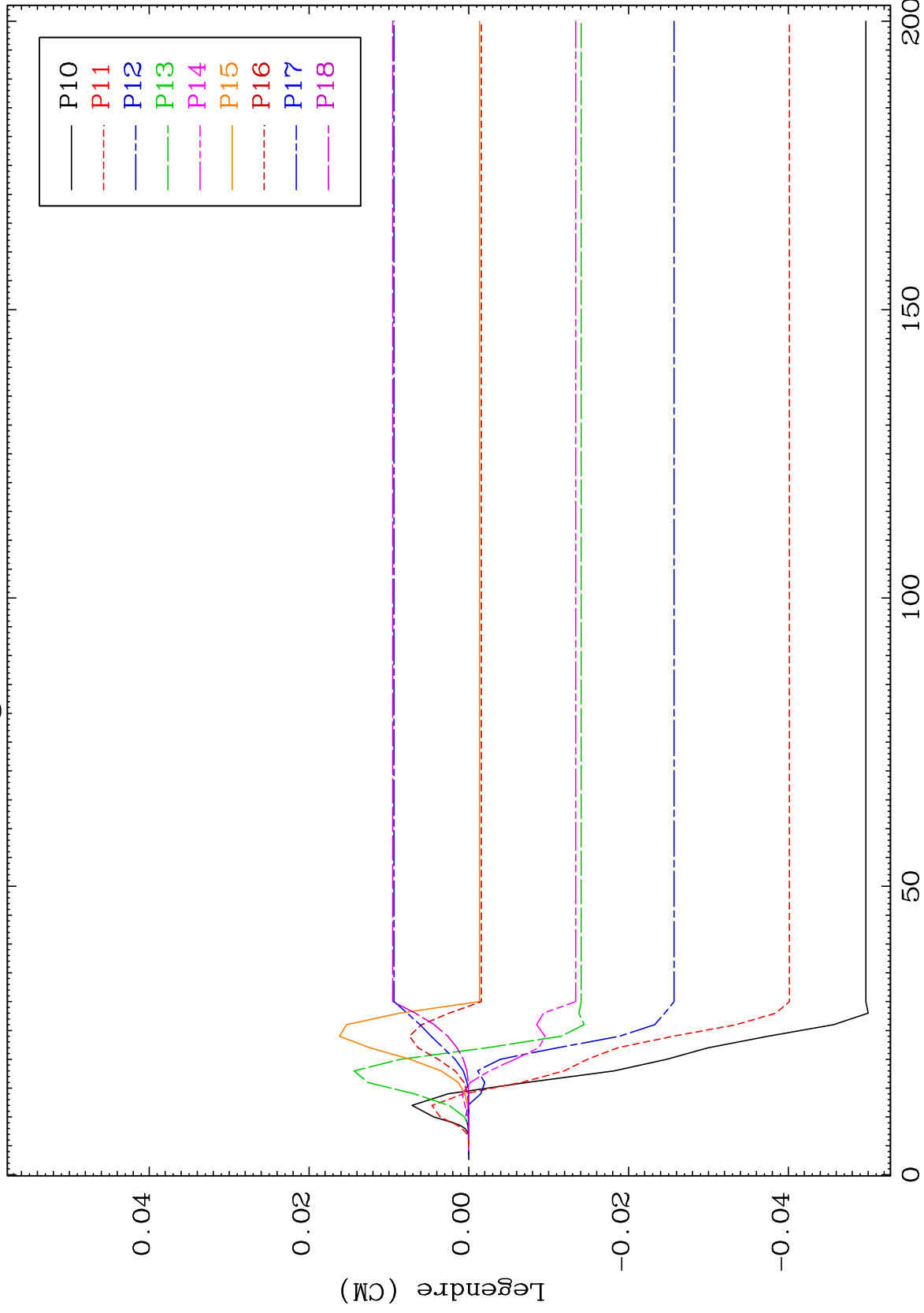




MAT 4937

1.997 MeV (n,n') Level
Legendre Coefficients

49-In-117



131

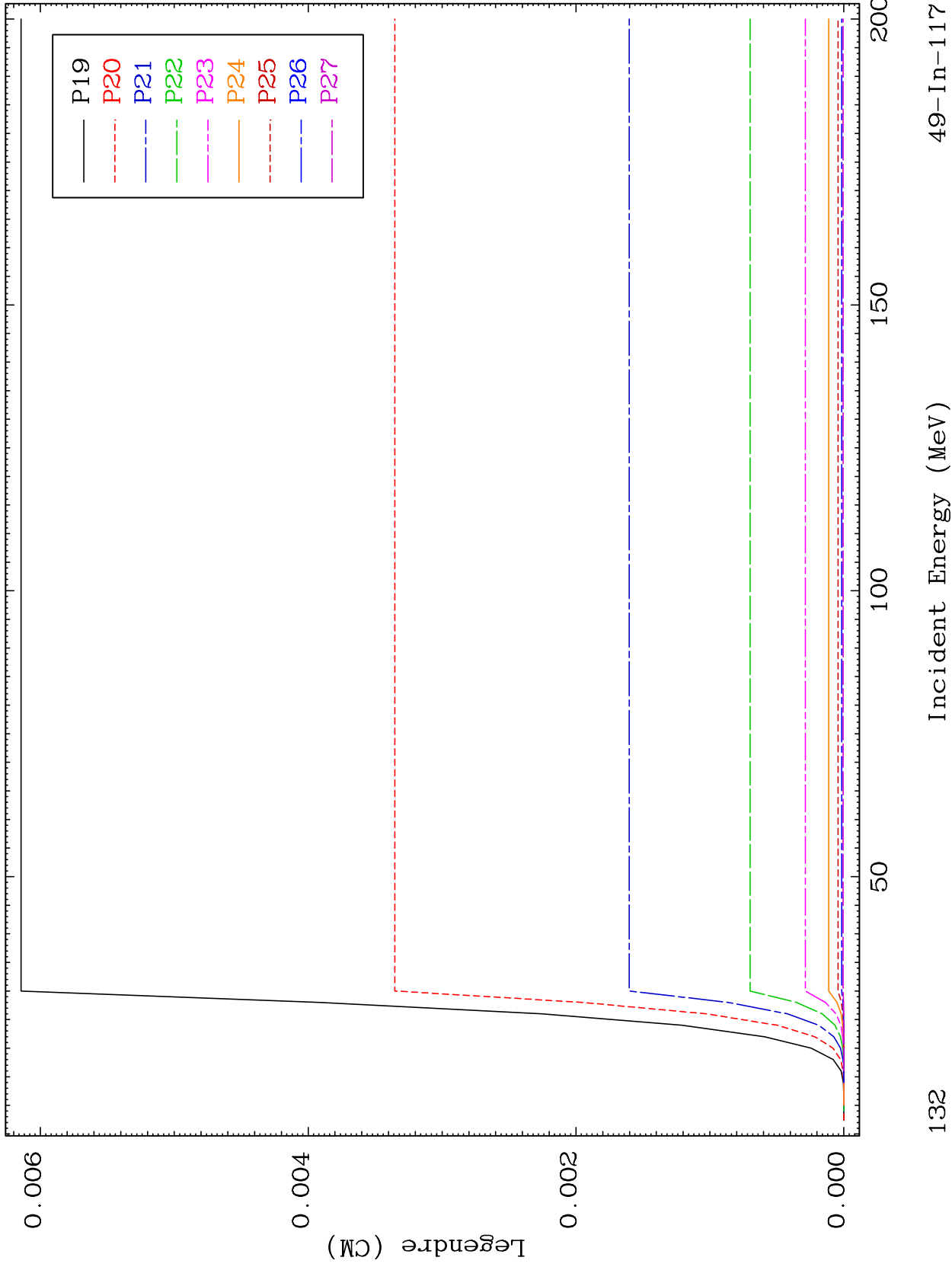
Incident Energy (MeV)

49-In-117

MAT 4937

1.997 MeV (n,n') Level
Legendre Coefficients

49-In-117



132

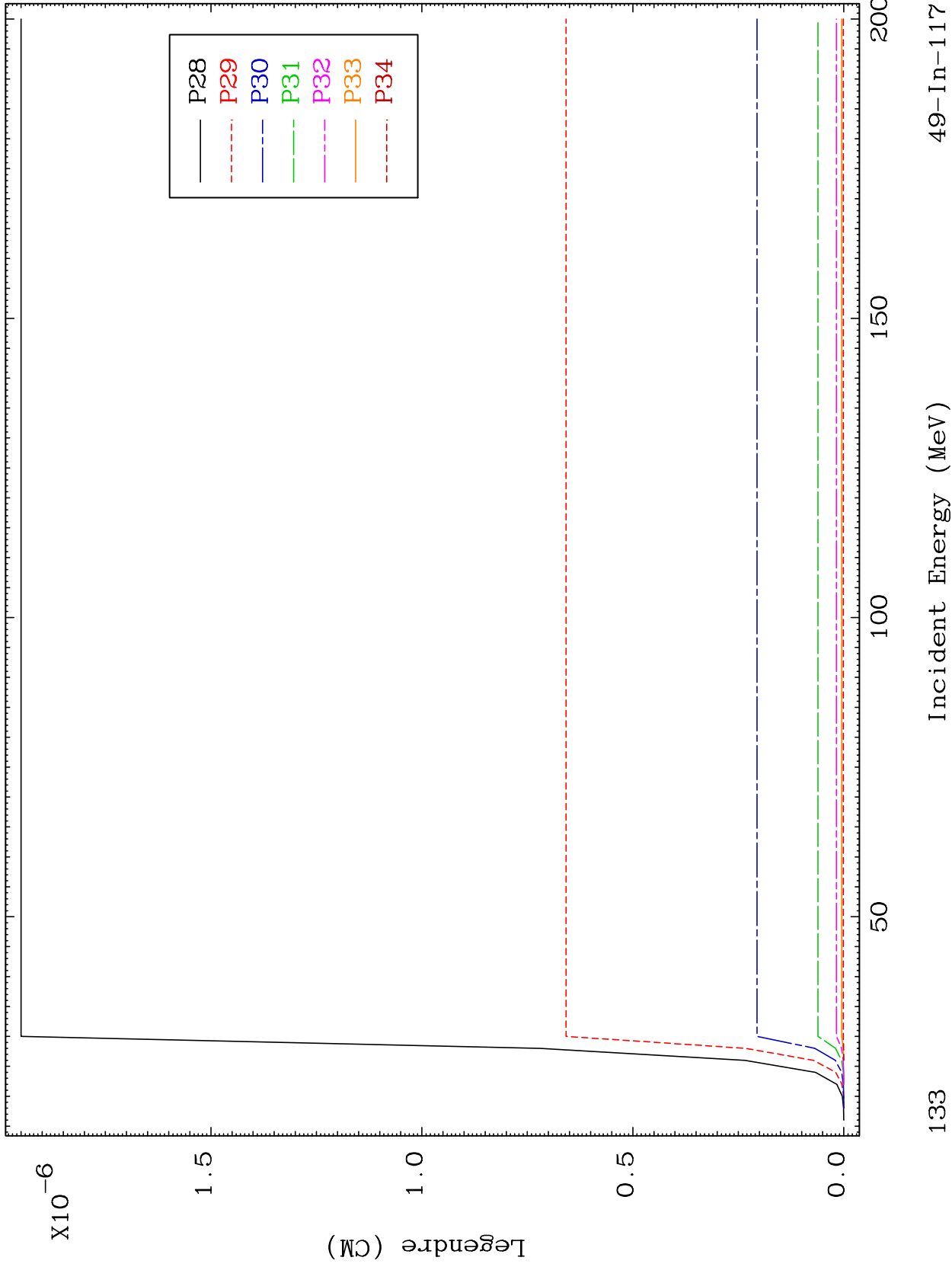
Incident Energy (MeV)

49-In-117

MAT 4937

1.997 MeV (n,n') Level
Legendre Coefficients

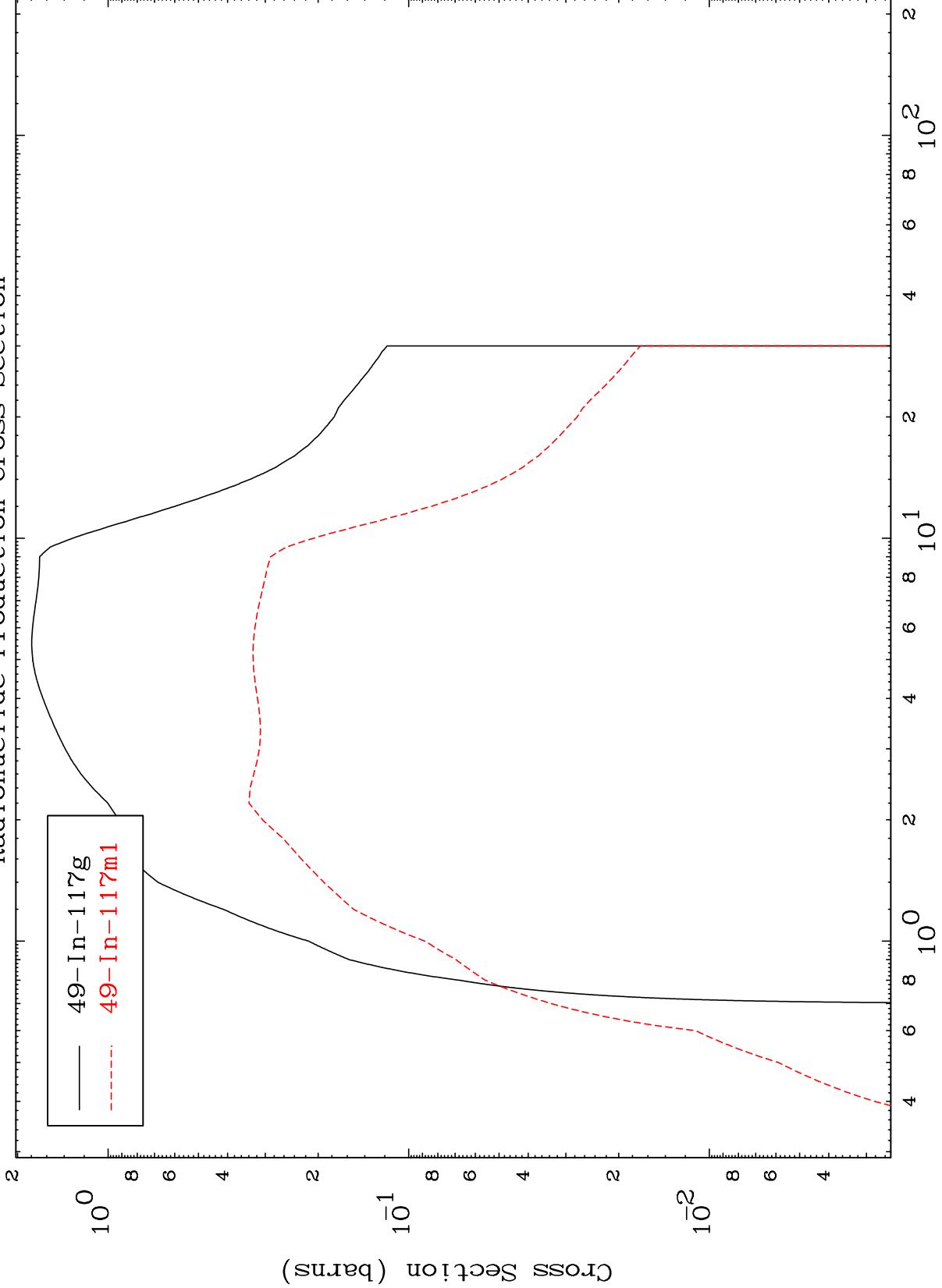
49-In-117



MAT 4937

49-In-117

Inelastic Radionuclide Production Cross Section



— 49-In-117g
- - - 49-In-117m1

49-In-117

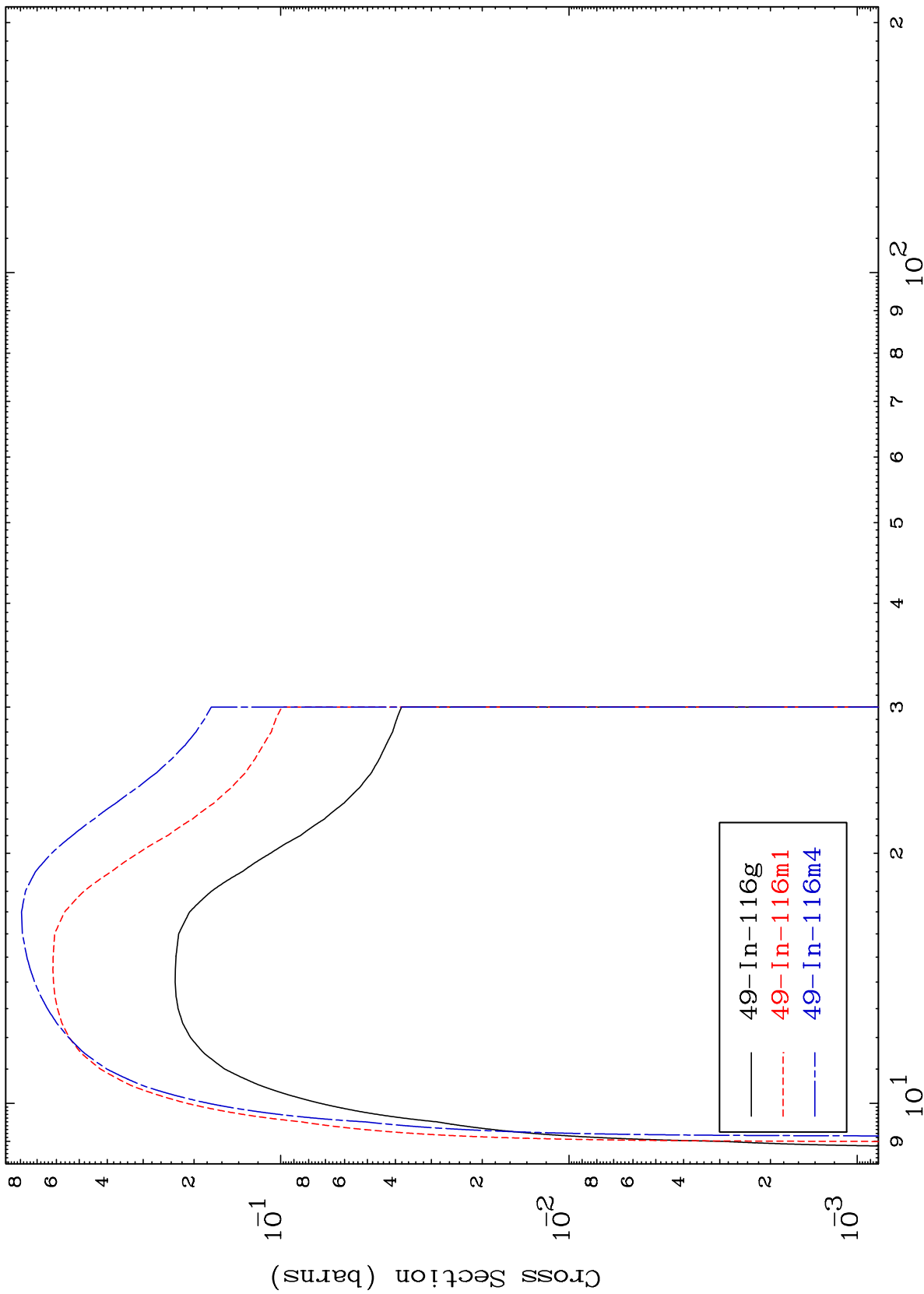
Incident Energy (MeV)

134

MAT 4937

49-In-117

Radionuclide Production Cross Section



49-In-117

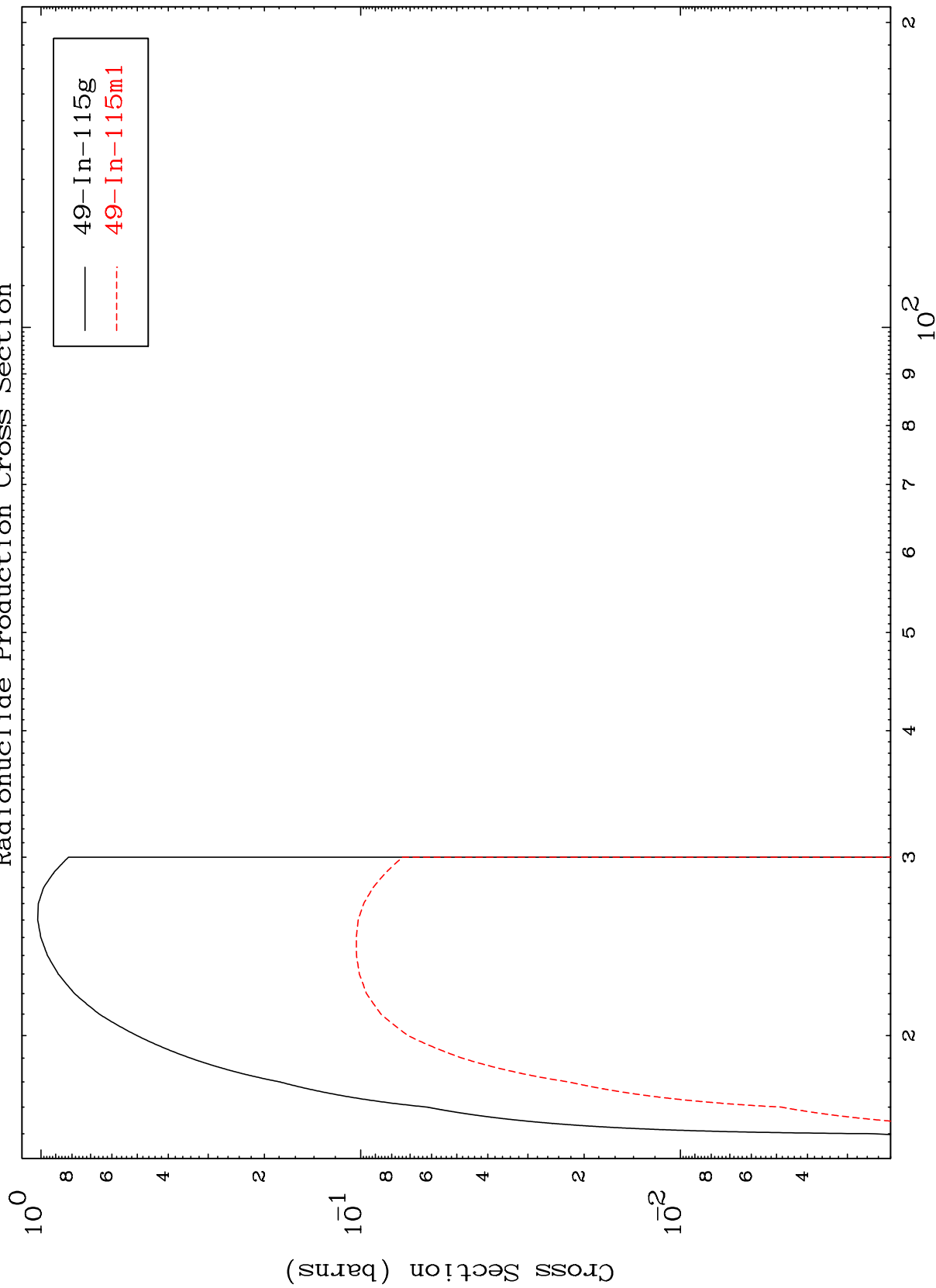
Incident Energy (MeV)

135

MAT 4937

49-In-117

(n,3n)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

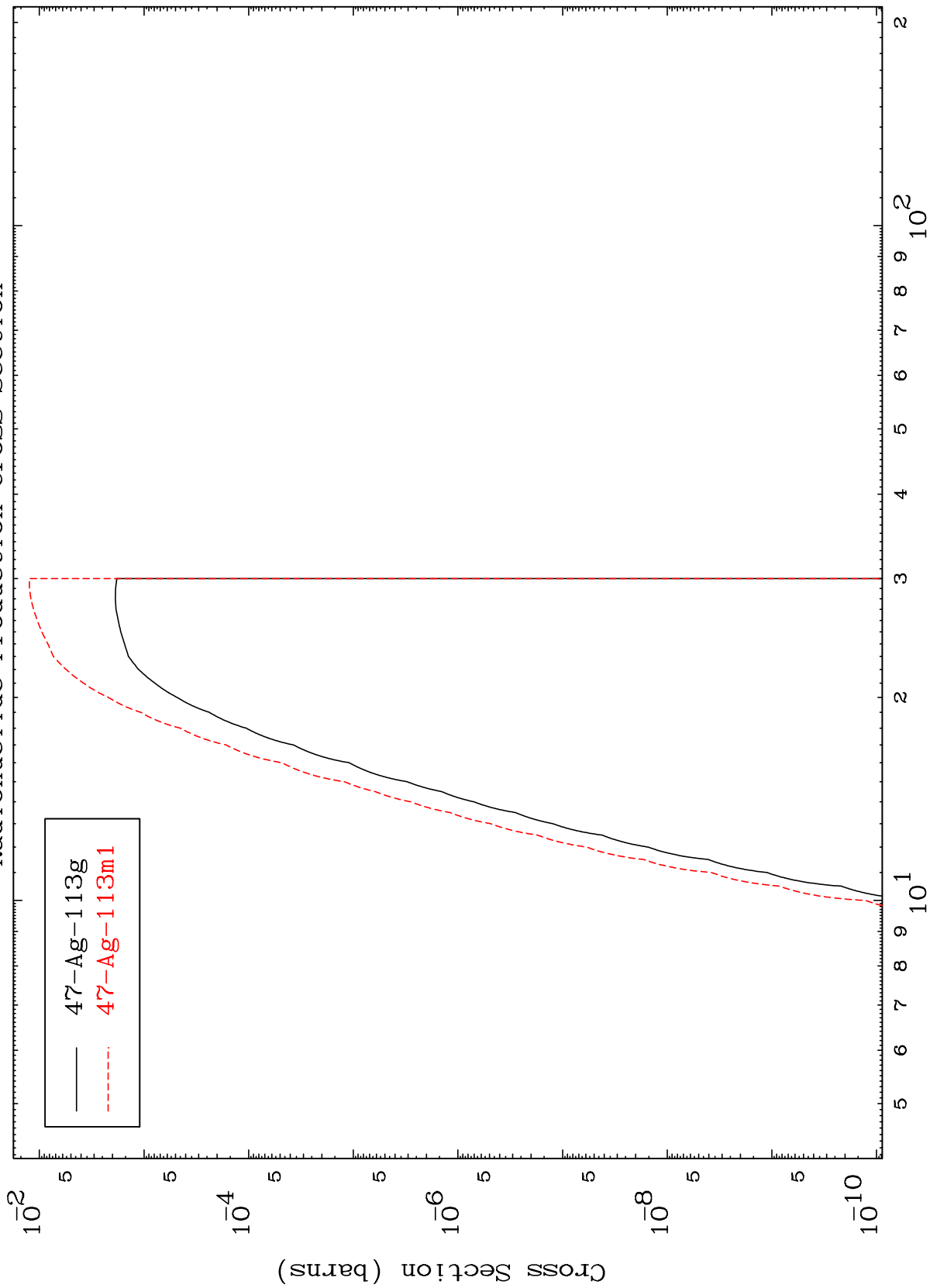
49-In-117

MAT 4937

49-In-117

(n,n') α

Radionuclide Production Cross Section



137

Incident Energy (MeV)

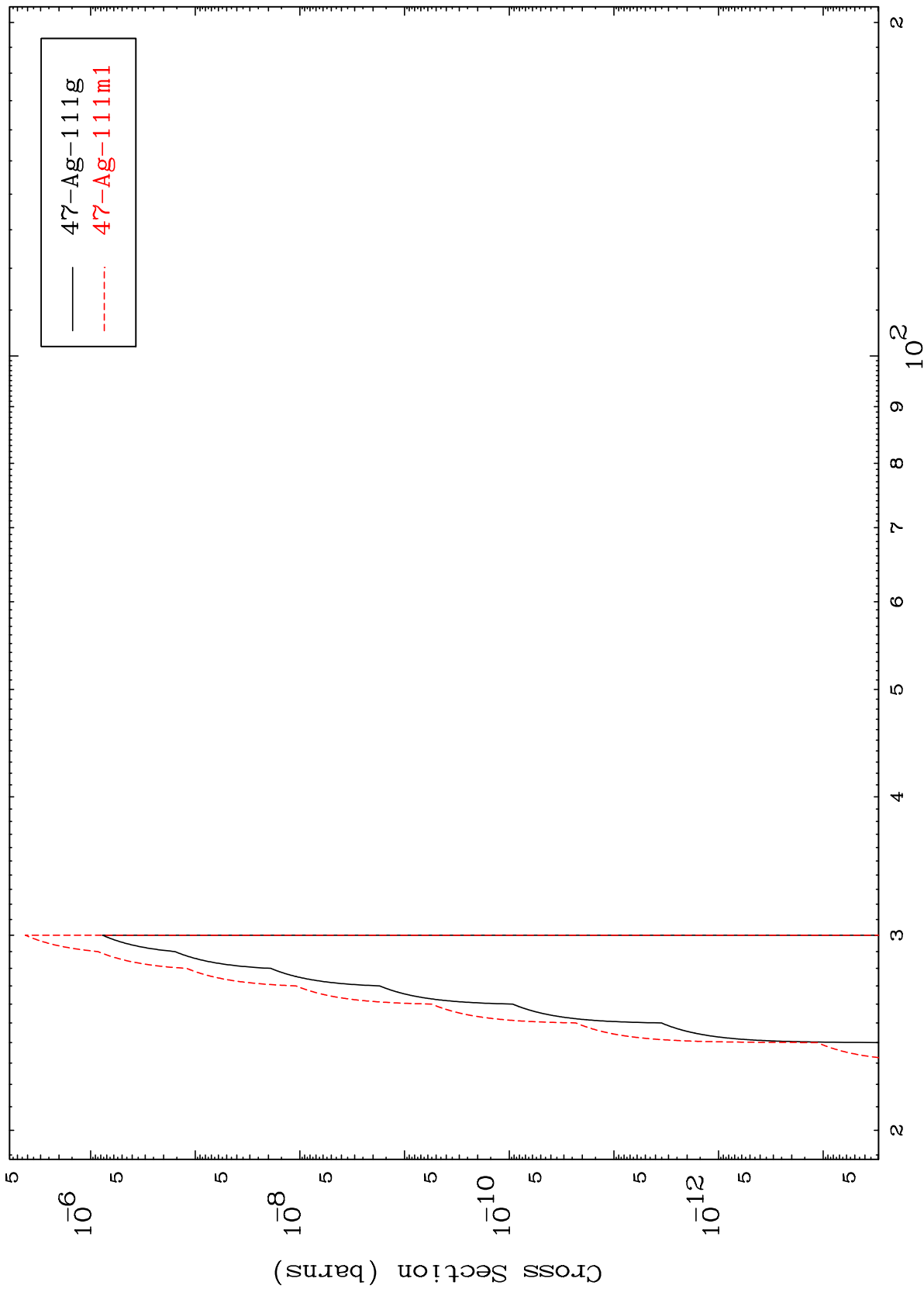
49-In-117

MAT 4937

(n,3n) α

49-In-117

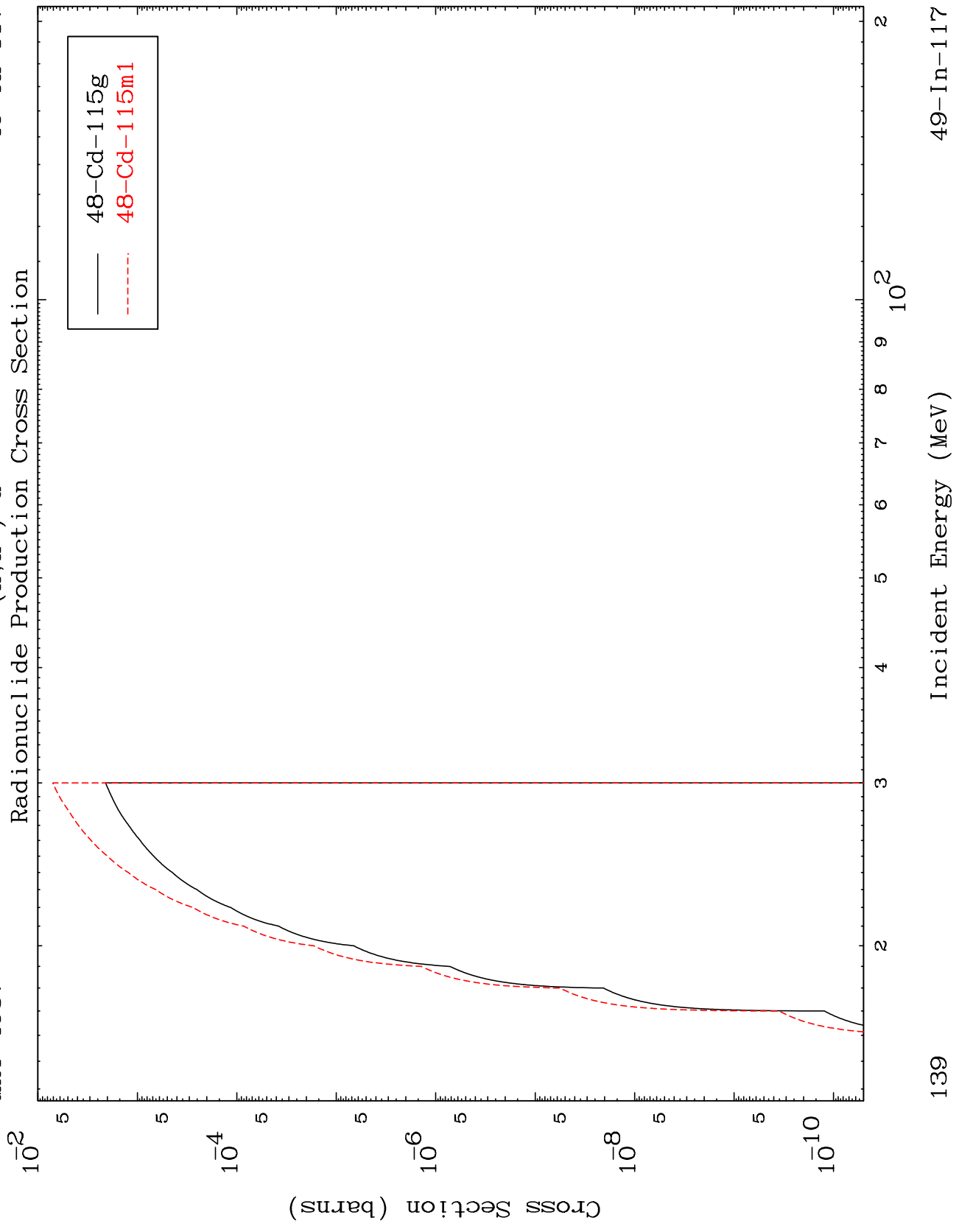
Radionuclide Production Cross Section



138

Incident Energy (MeV)

49-In-117

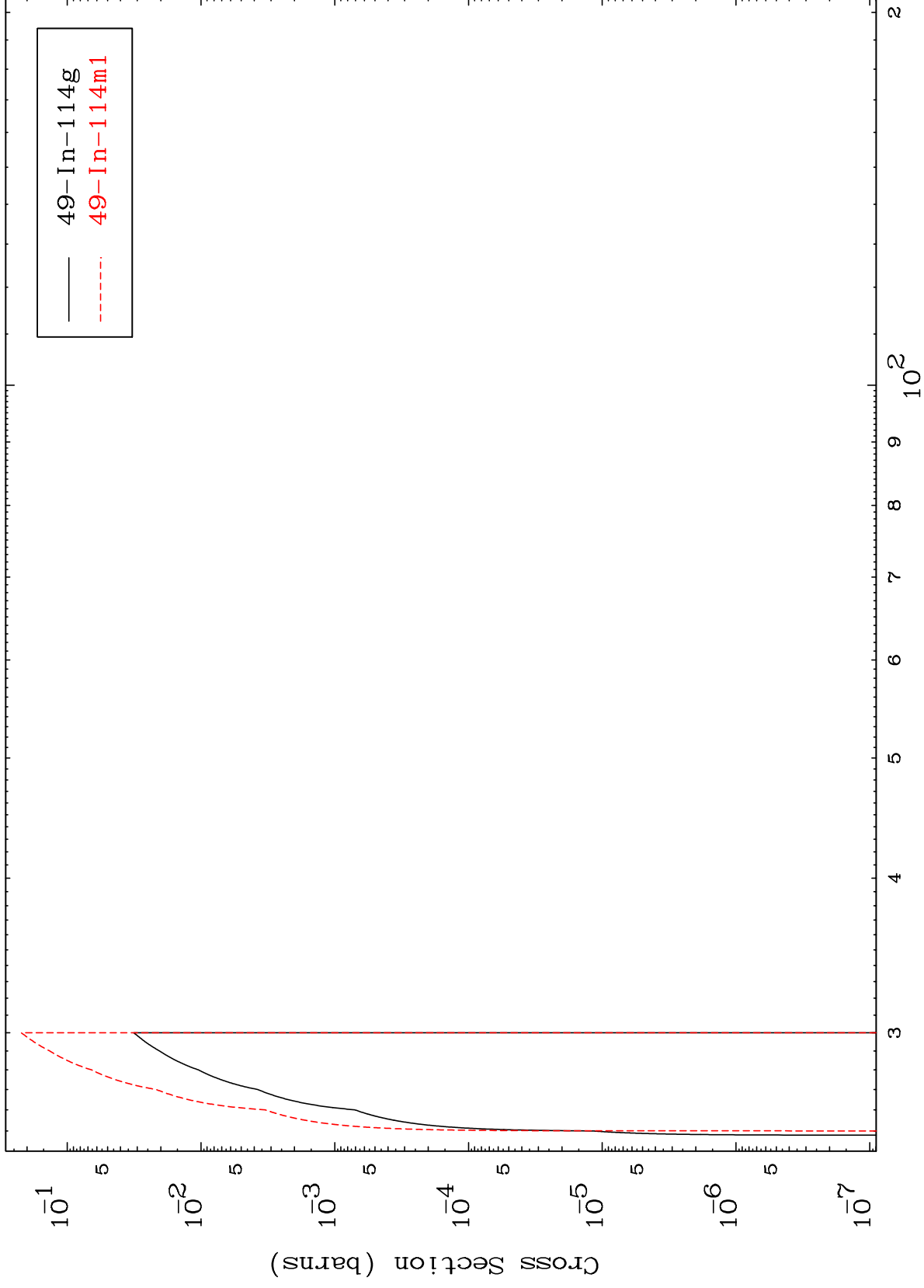


MAT 4937

(n,4n)

49-In-117

Radionuclide Production Cross Section



140

Incident Energy (MeV)

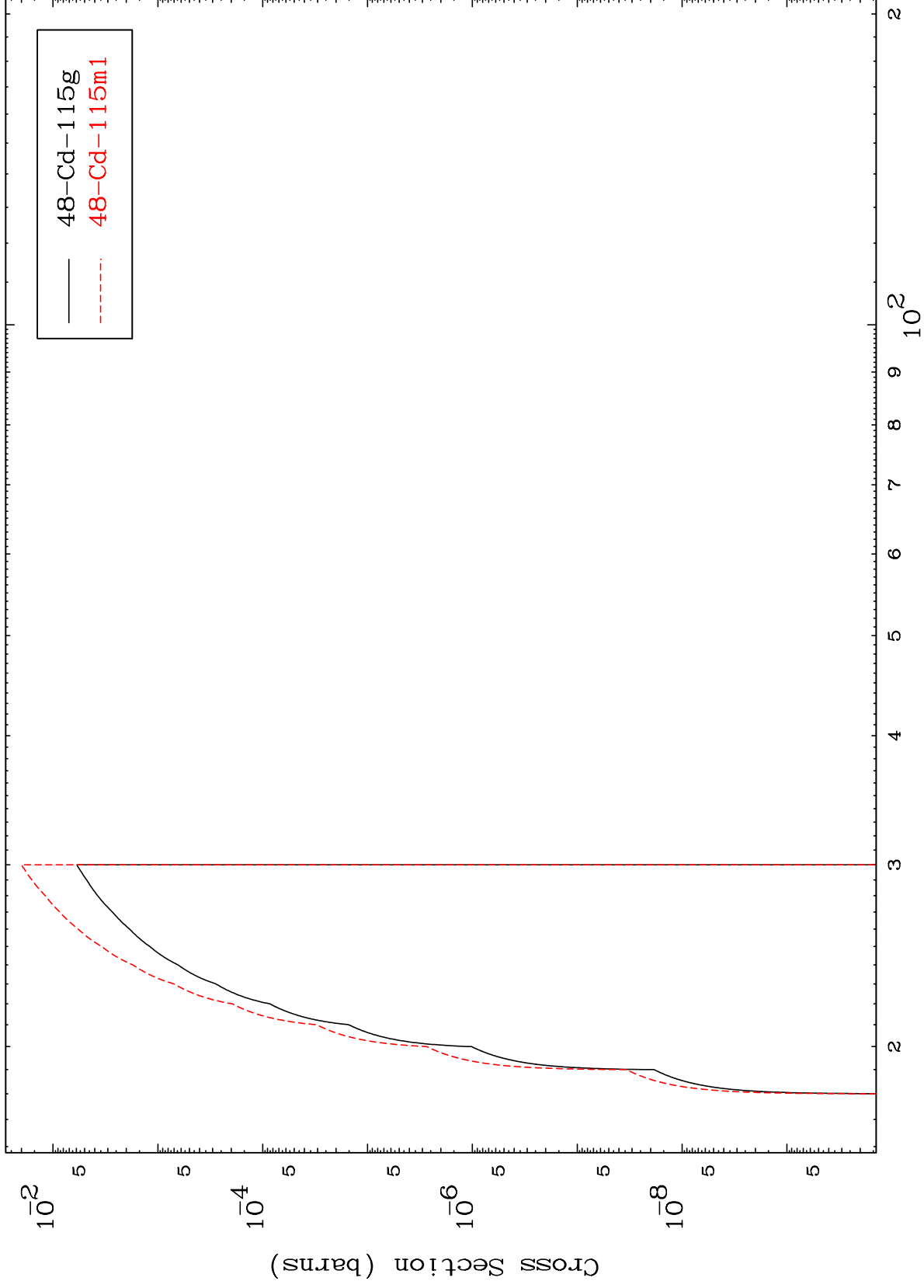
49-In-117

MAT 4937

(n,2n) p

49-In-117

Radionuclide Production Cross Section



141

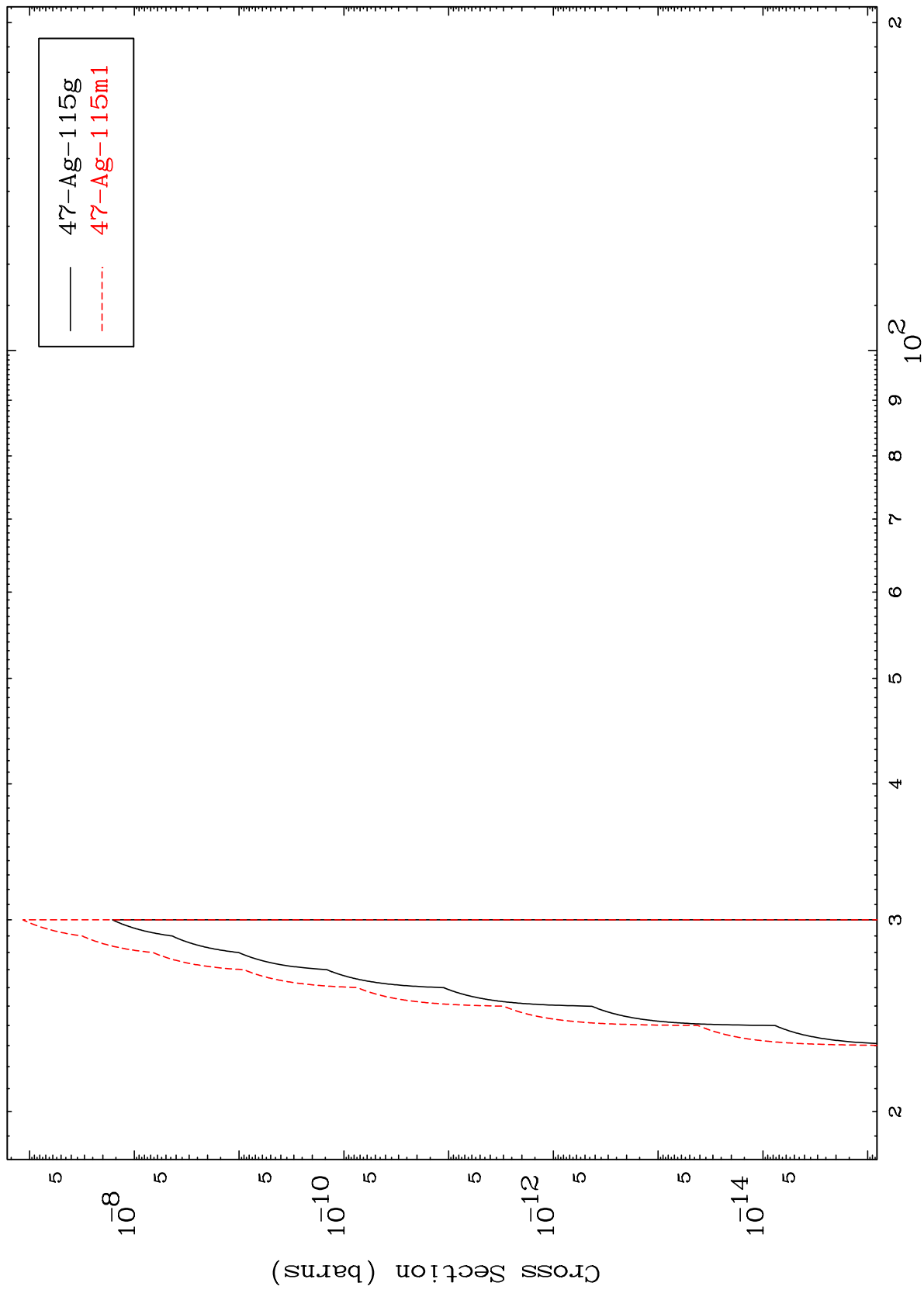
Incident Energy (MeV)

49-In-117

MAT 4937

49-In-117

(n,2n) p
Radionuclide Production Cross Section



142

Incident Energy (MeV)

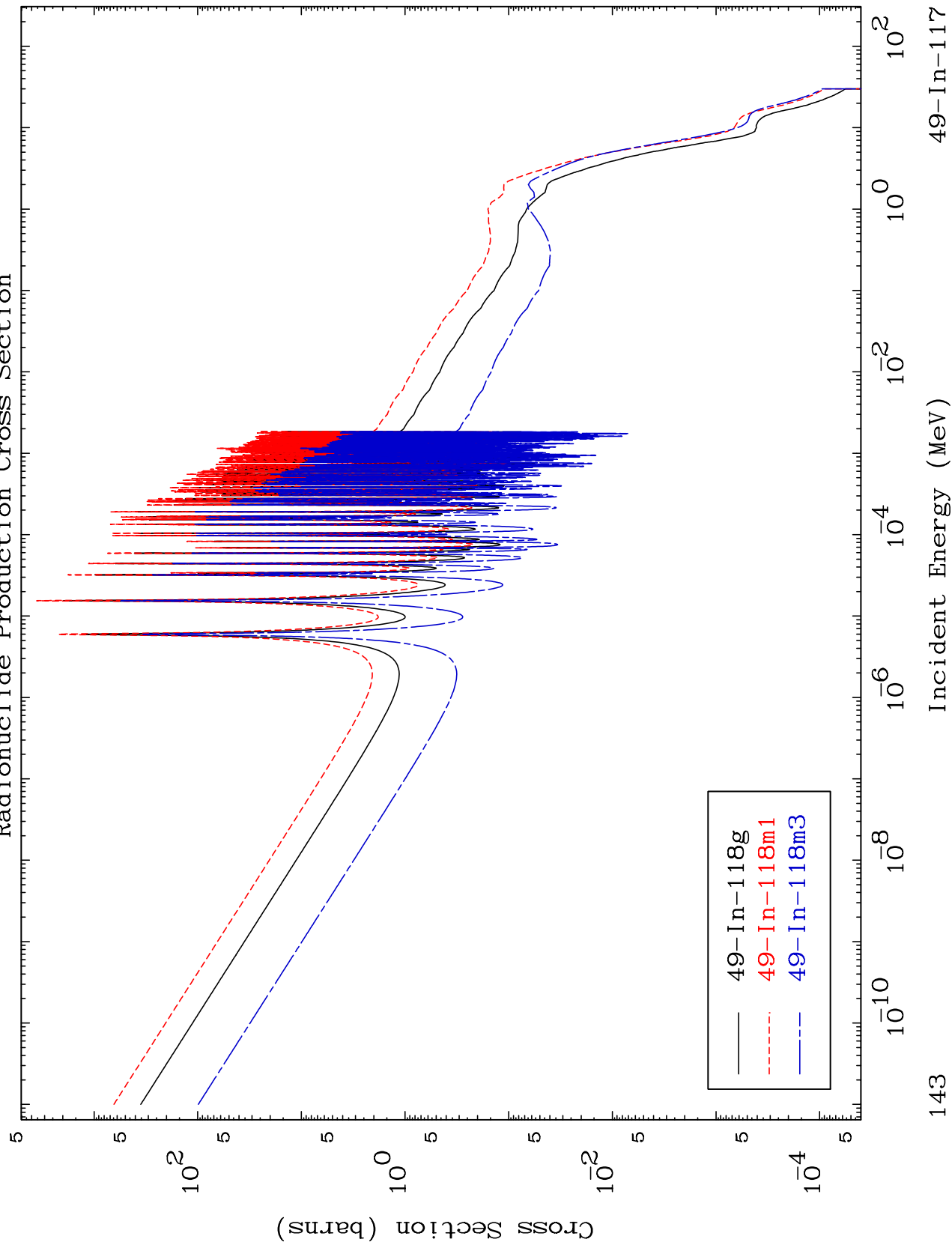
49-In-117

MAT 4937

49-In-117

Radionuclide Production Cross Section

(n, γ)



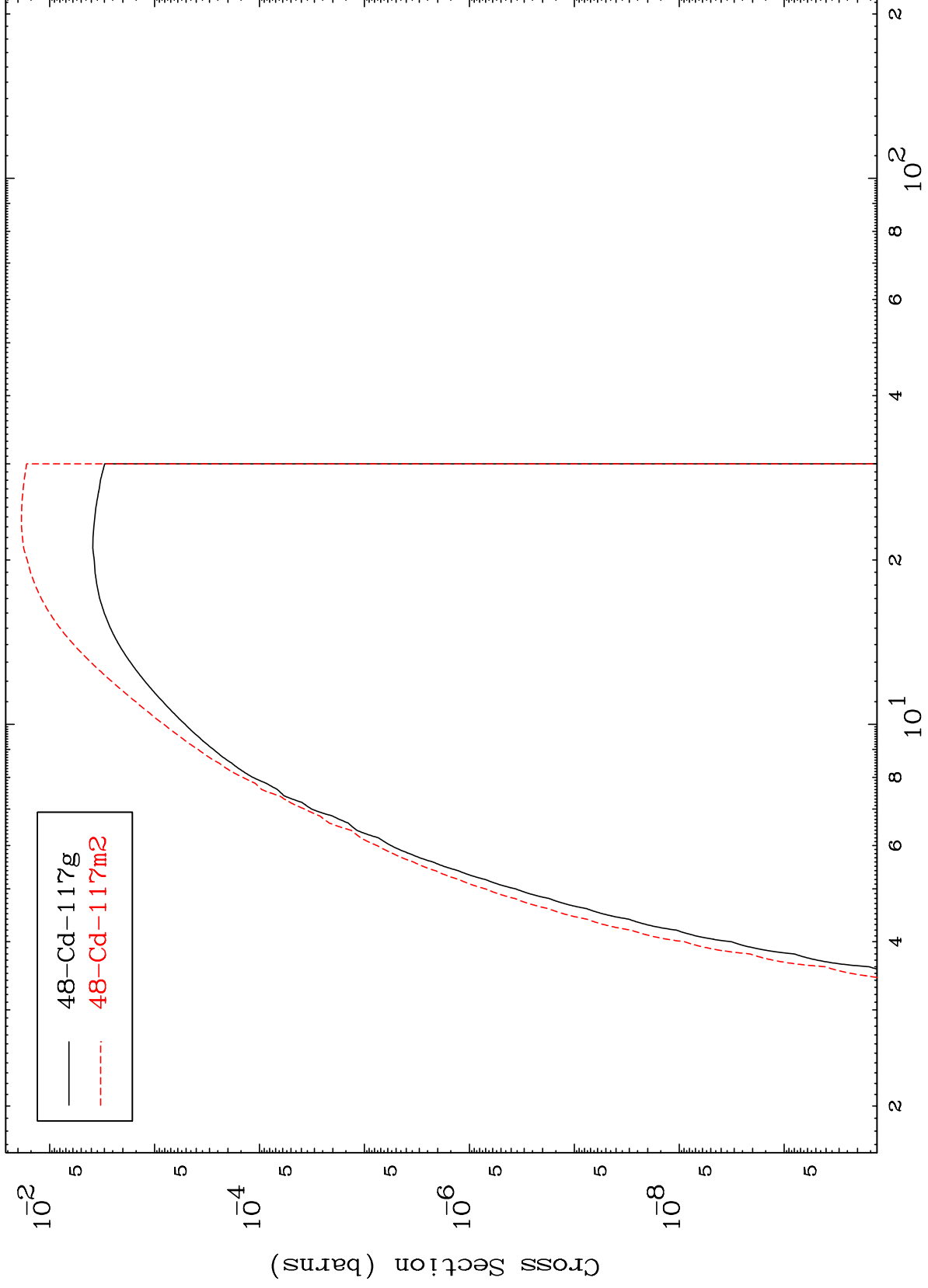
143

49-In-117

MAT 4937

49-In-117

(n,p)
Radionuclide Production Cross Section



144

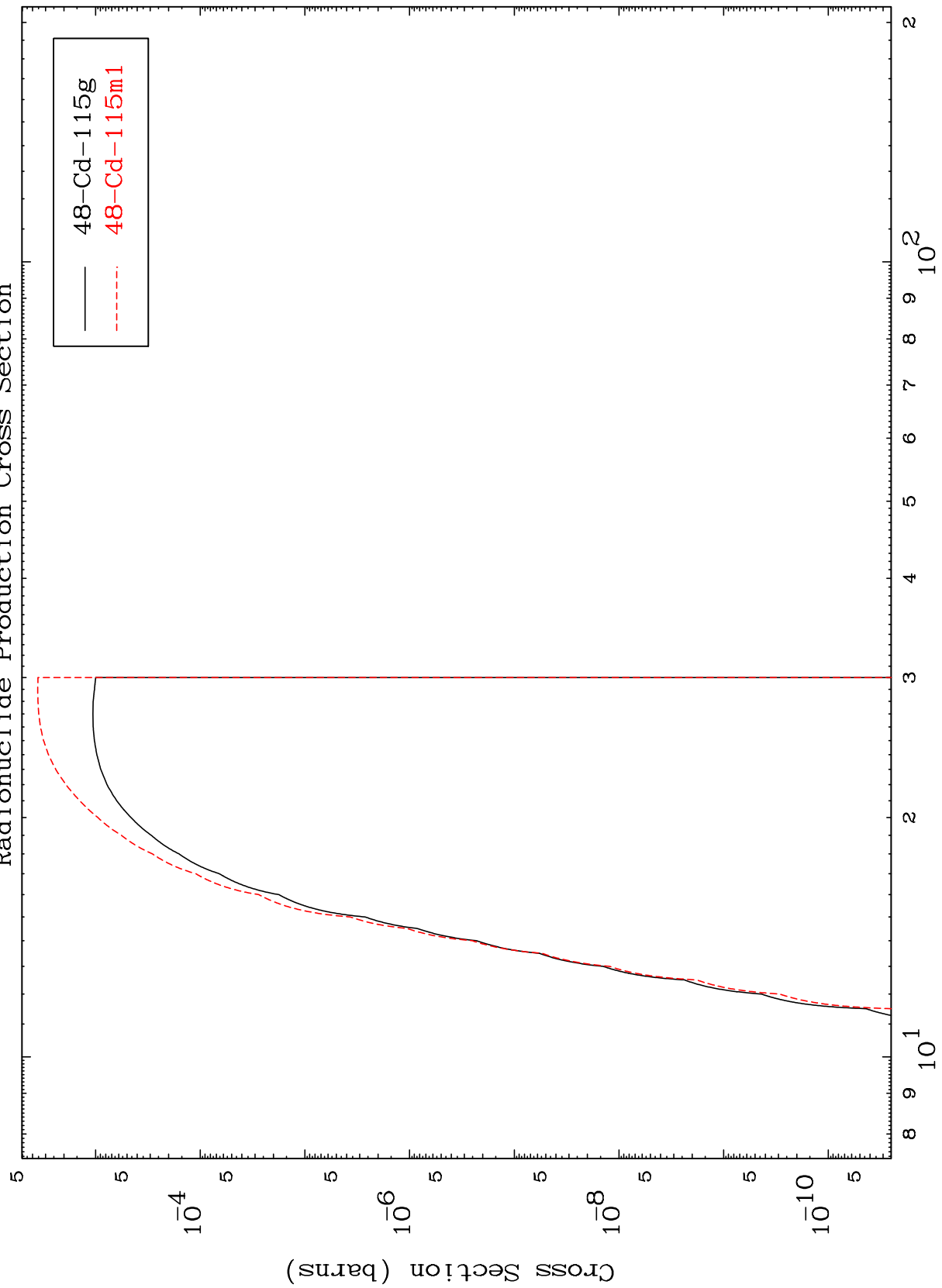
49-In-117

Incident Energy (MeV)

MAT 4937

49-In-117

(n,t)
Radionuclide Production Cross Section

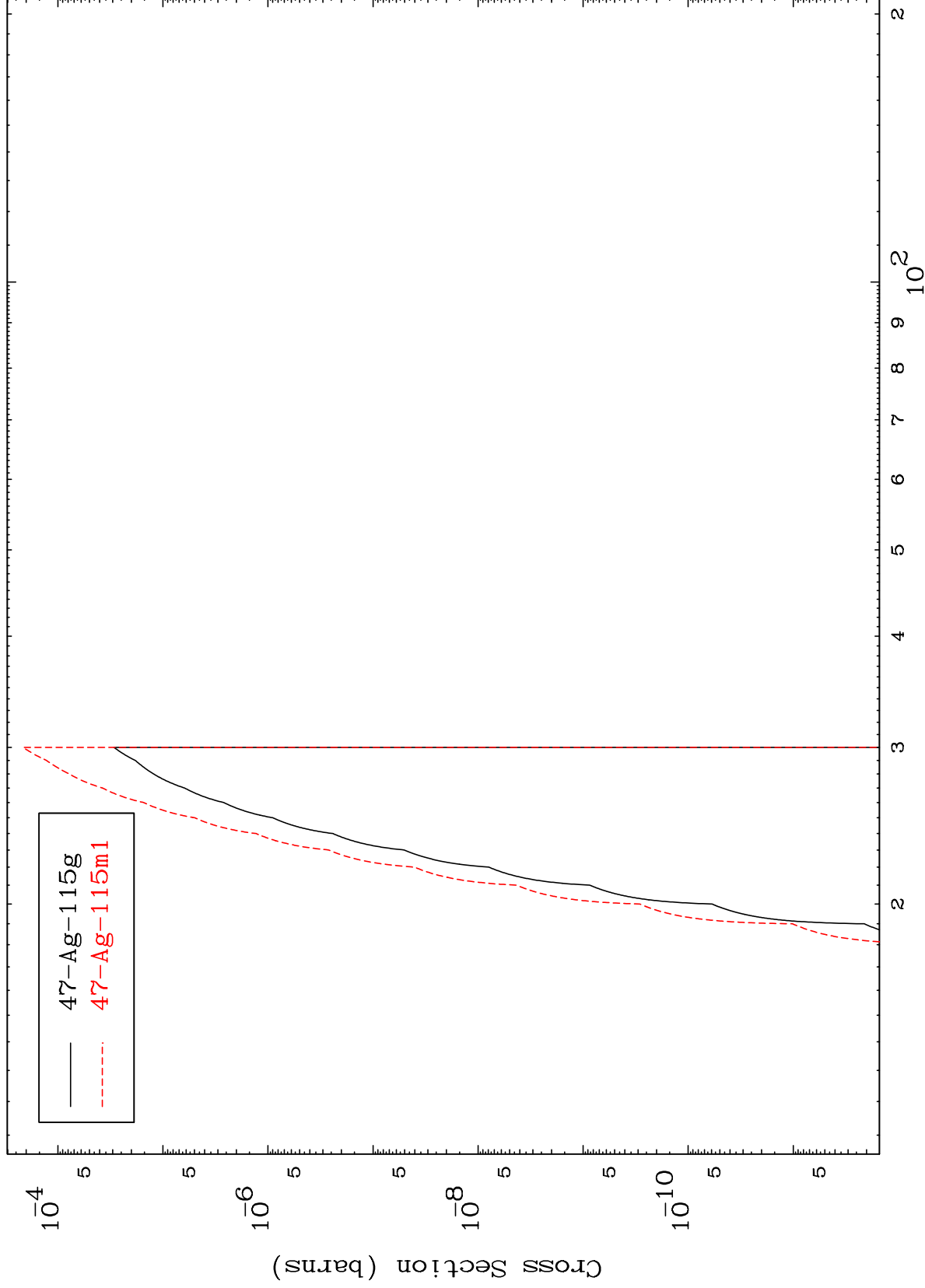


49-In-117

Incident Energy (MeV)

145

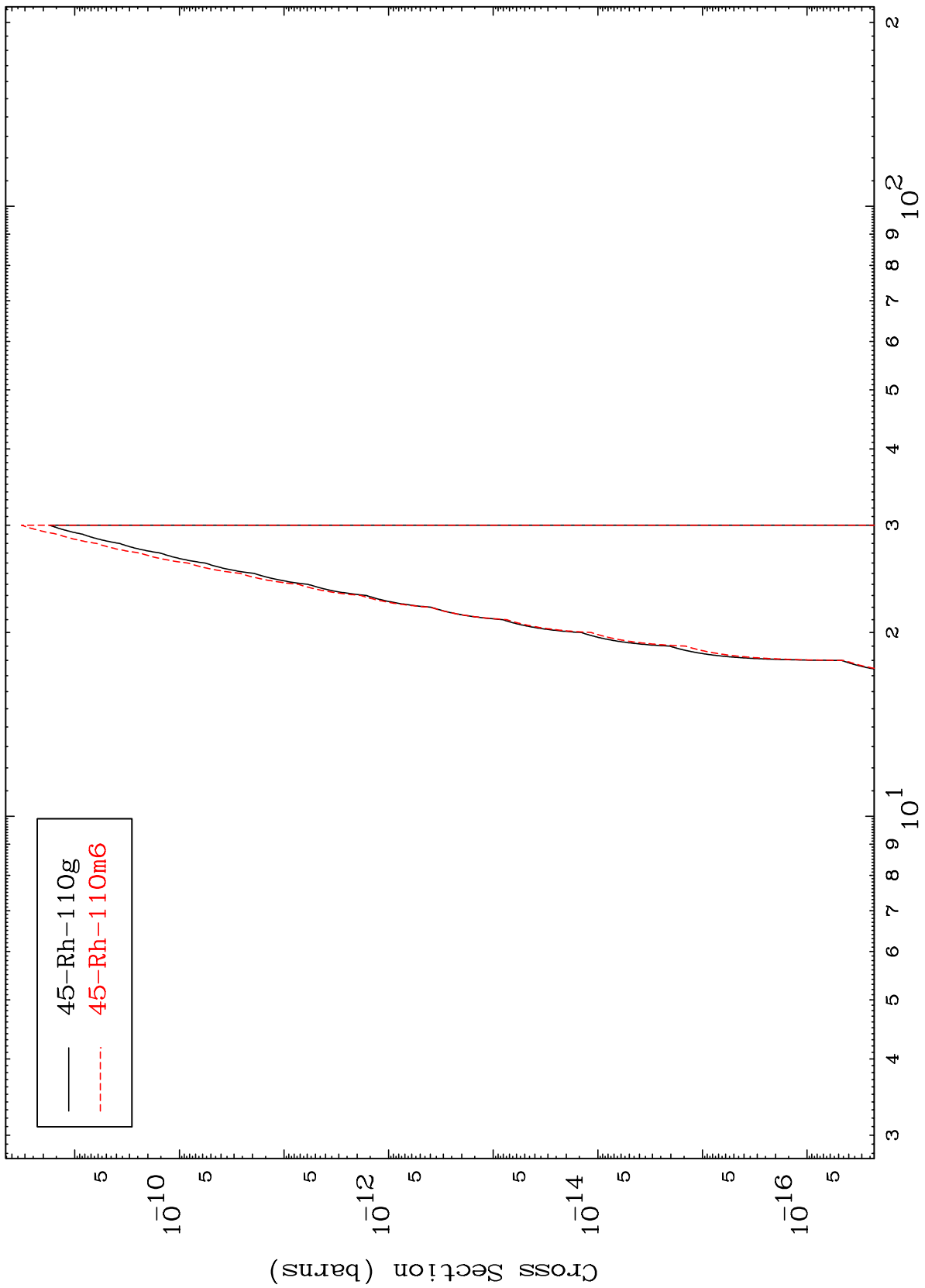
Radionuclide Production Cross Section



MAT 4937

49-In-117

Radionuclide Production Cross Section
(n,2α)

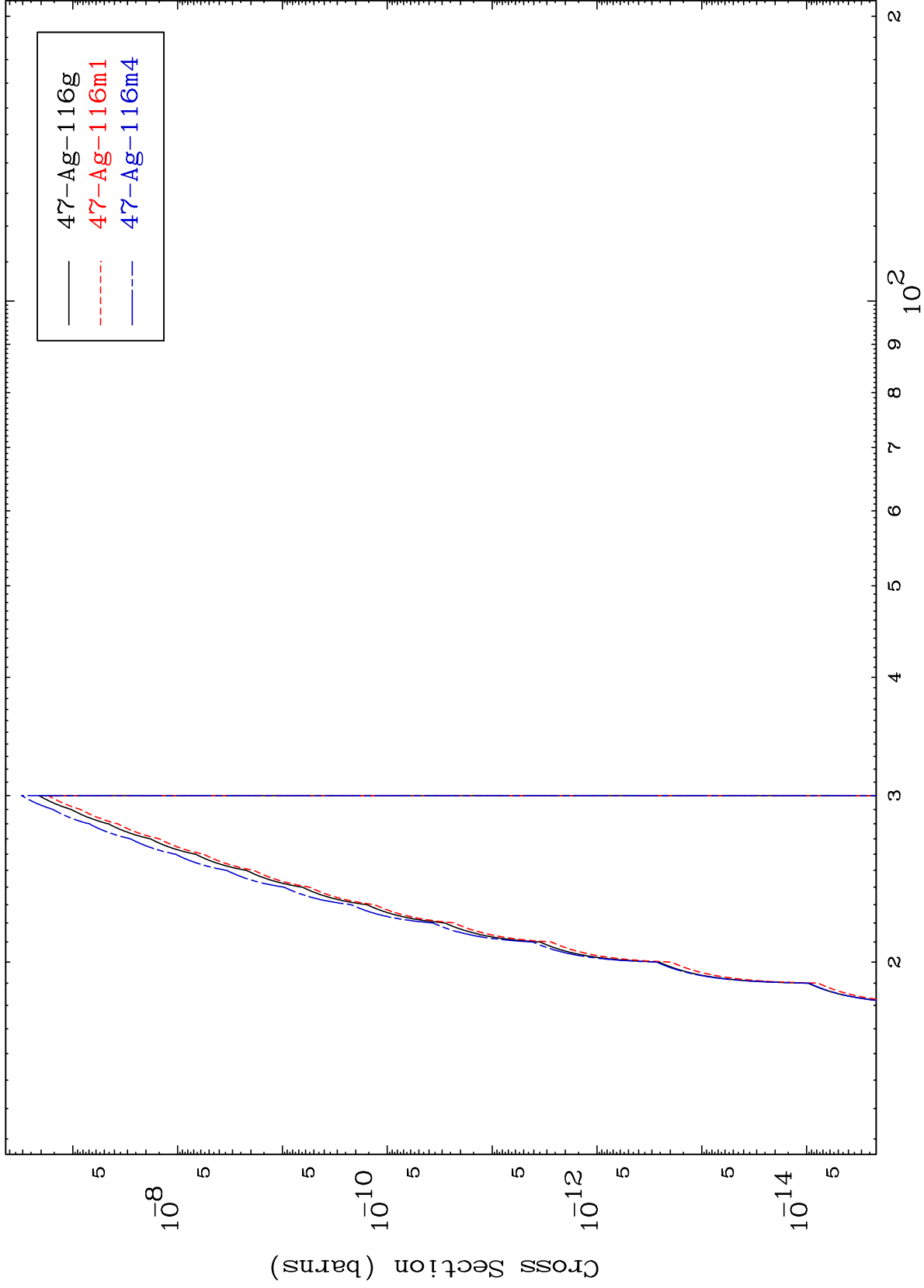


147

Incident Energy (MeV)

49-In-117

Radionuclide Production Cross Section

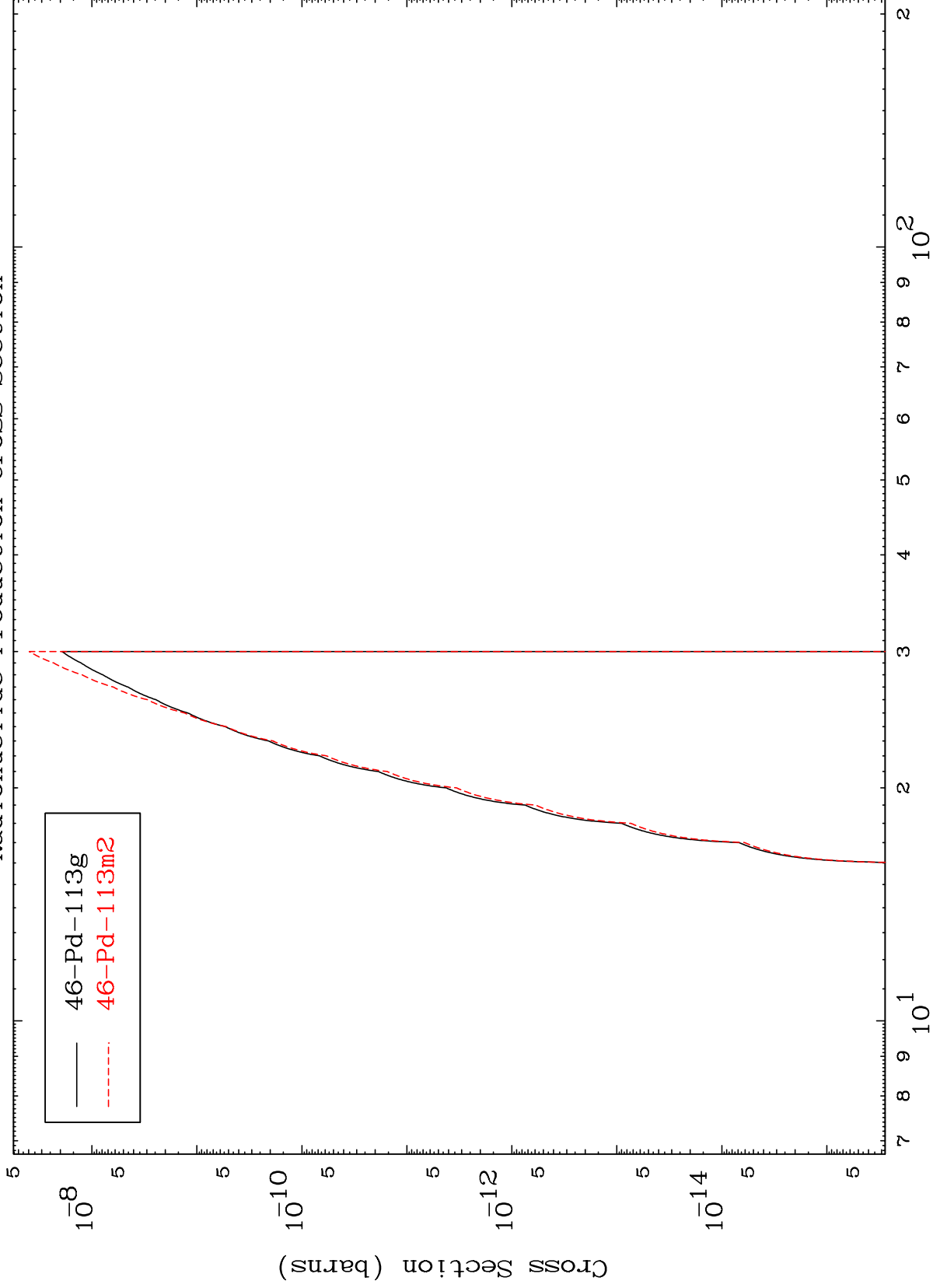


MAT 4937

(n,p) α

49-In-117

Radionuclide Production Cross Section



149

Incident Energy (MeV)

49-In-117

Radionuclide Production Cross Section

