

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

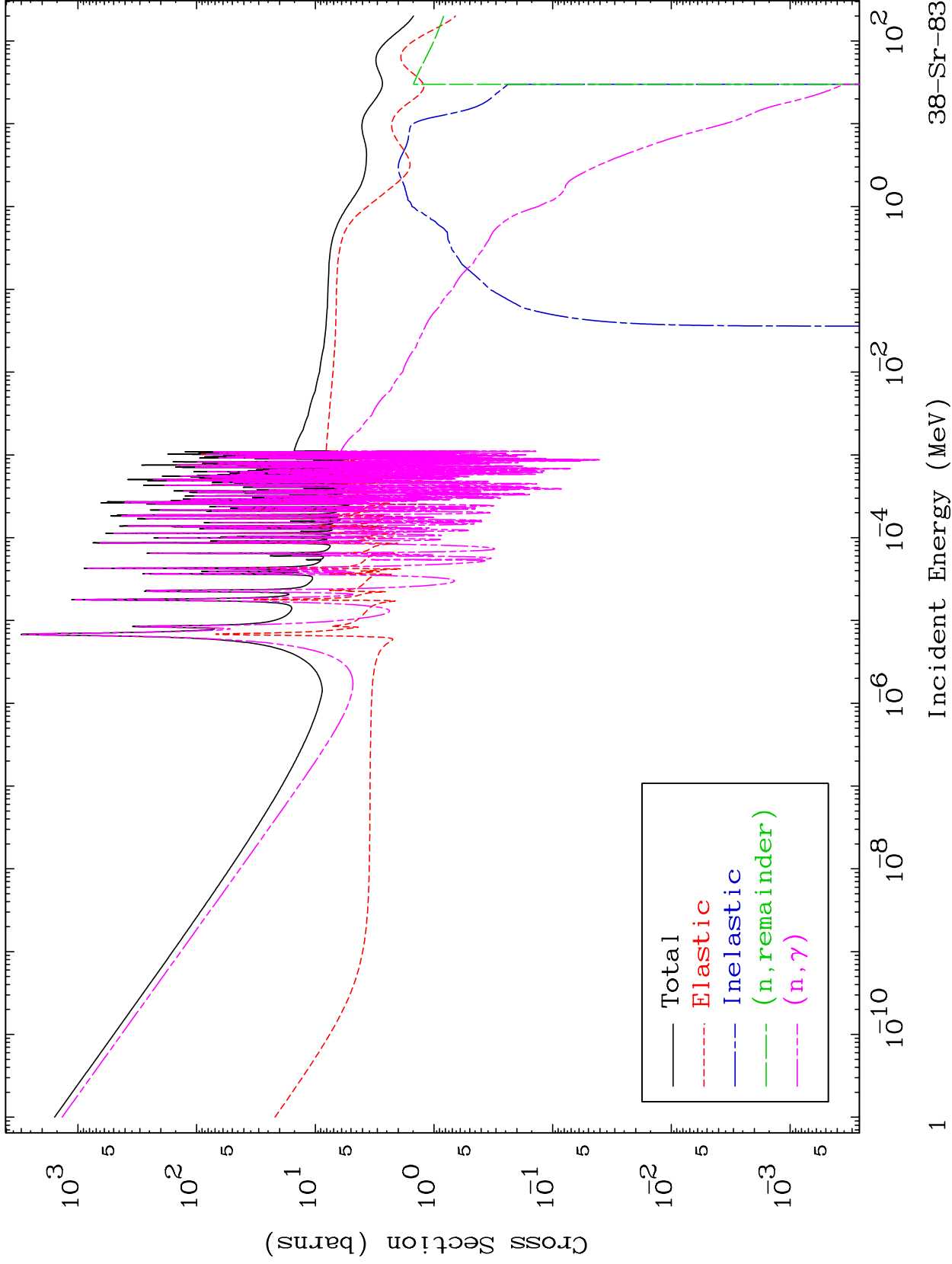
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

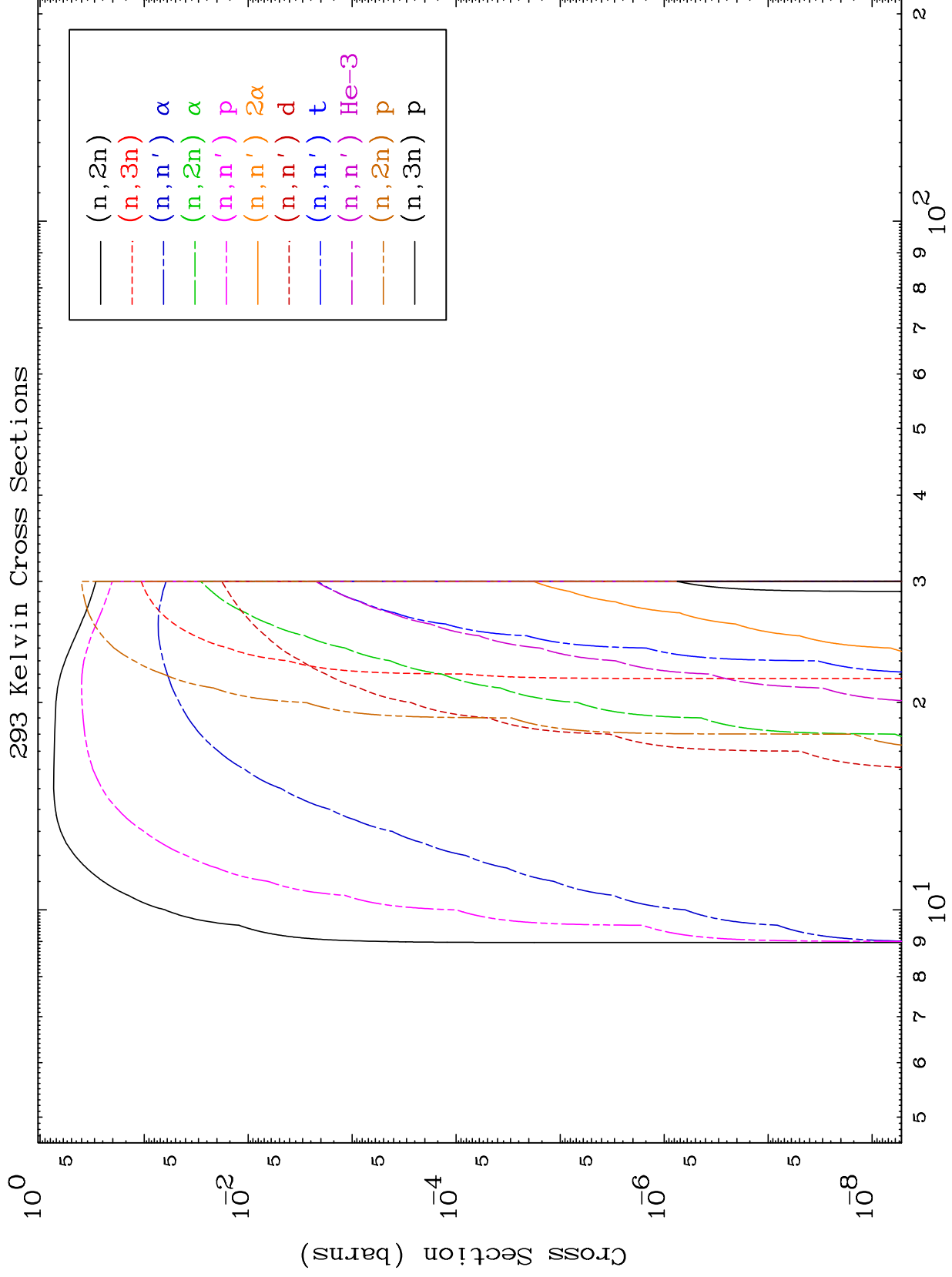
Press Mouse Button to Start

MAT 3822

Major
293 Kelvin Cross Sections

38-Sr-83

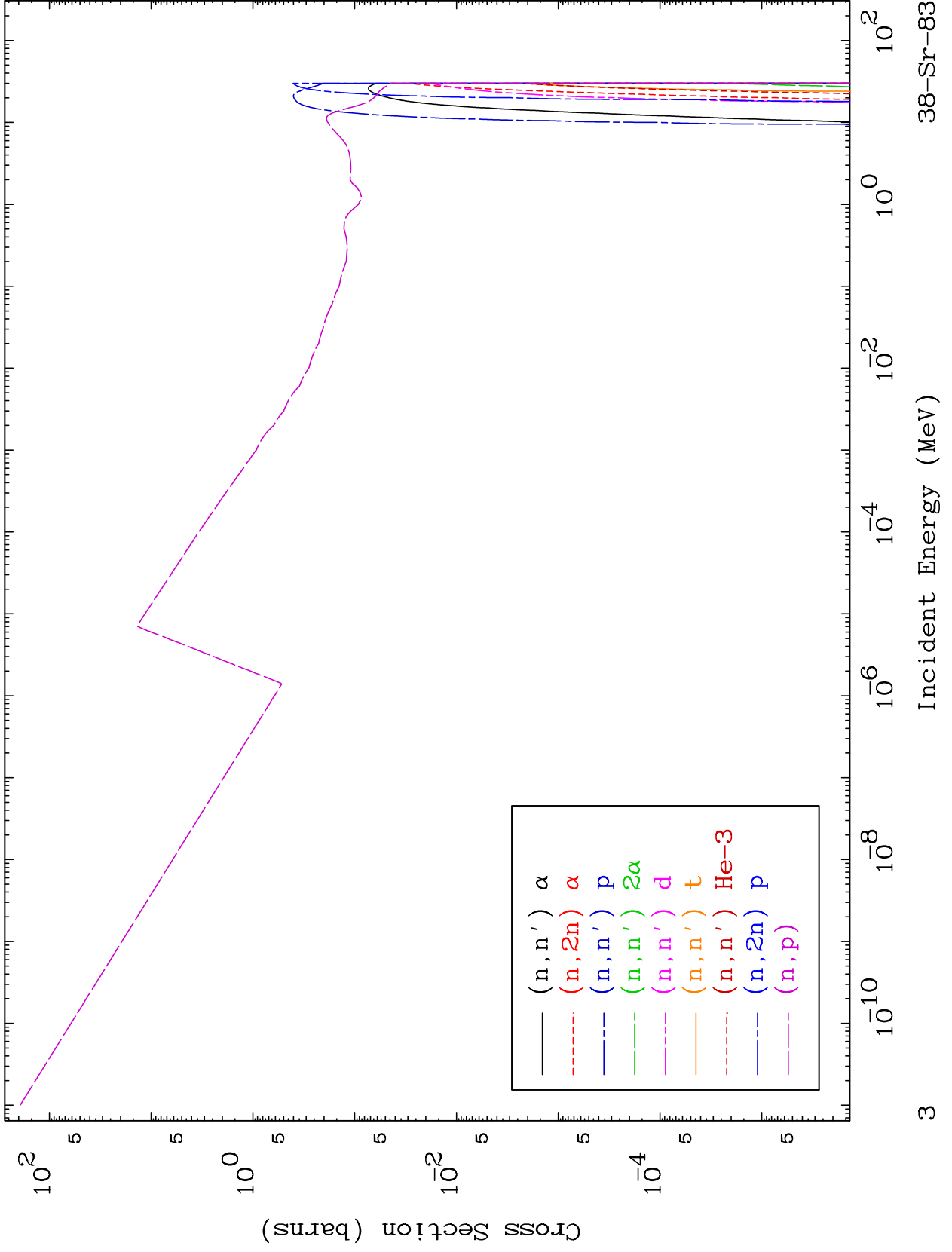




MAT 3822

Charged Particle
293 Kelvin Cross Sections

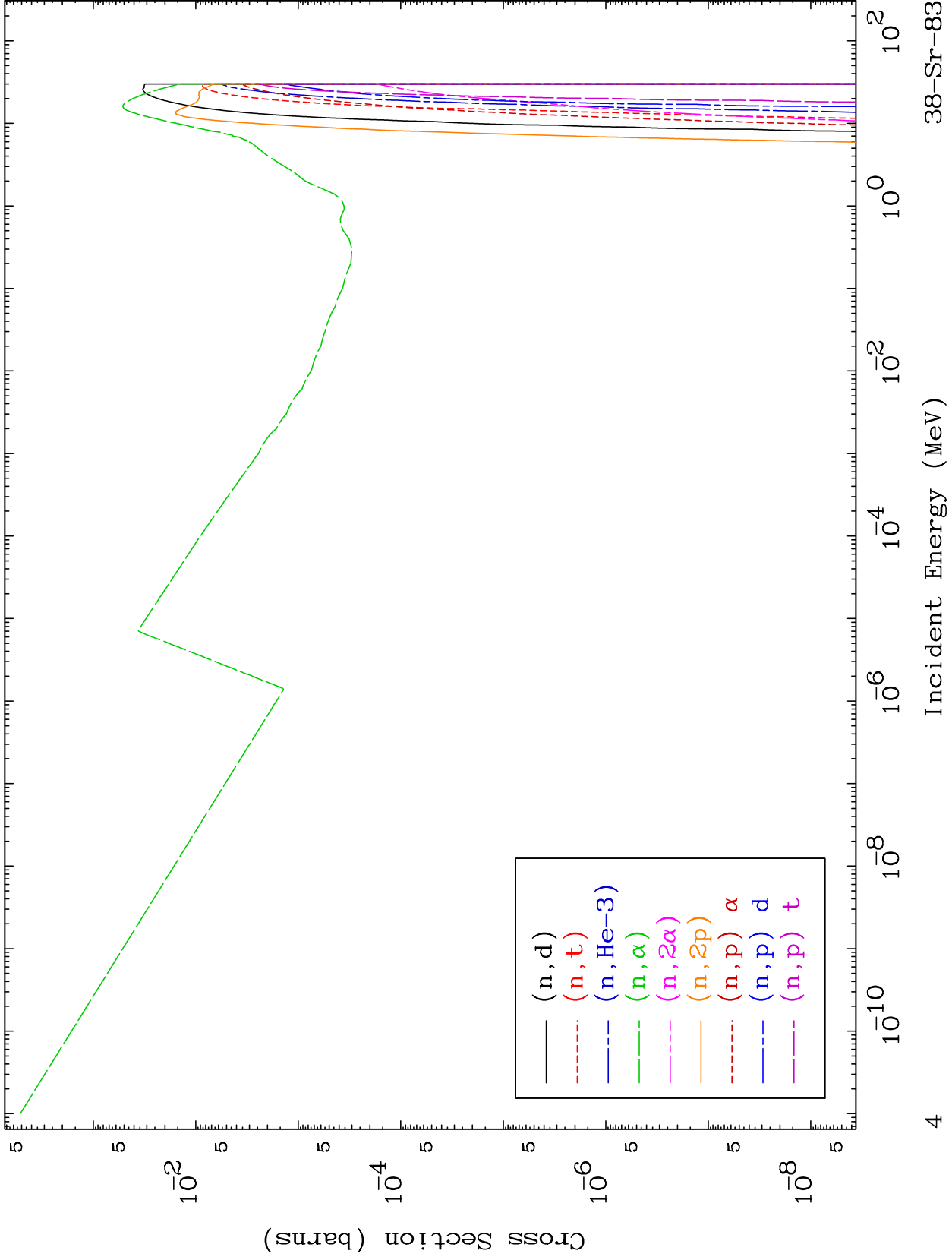
38-Sr-83



MAT 3822

Charged Particle
293 Kelvin Cross Sections

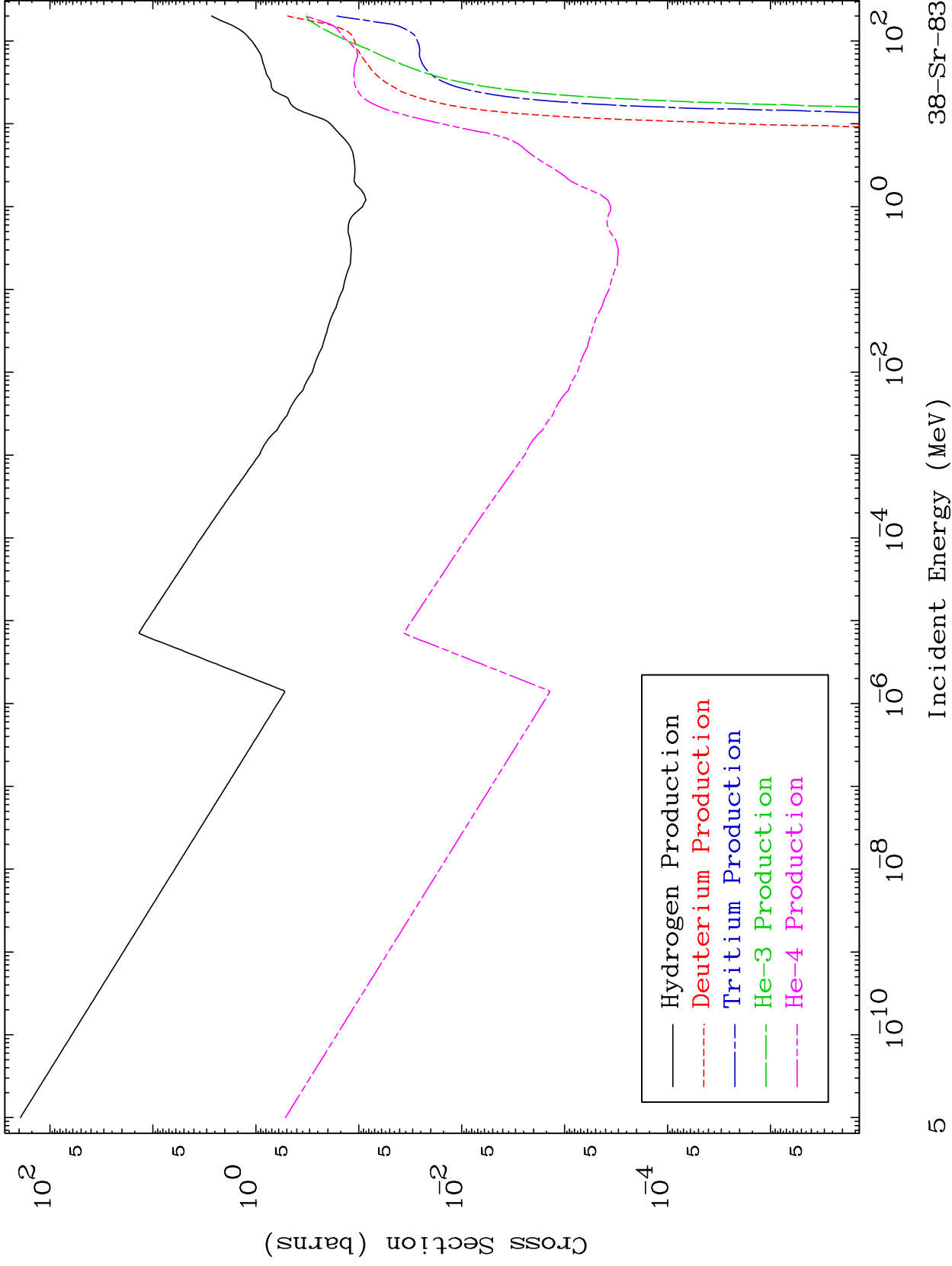
38-Sr-83



MAT 3822

Particle Production
293 Kelvin Cross Sections

38-Sr-83

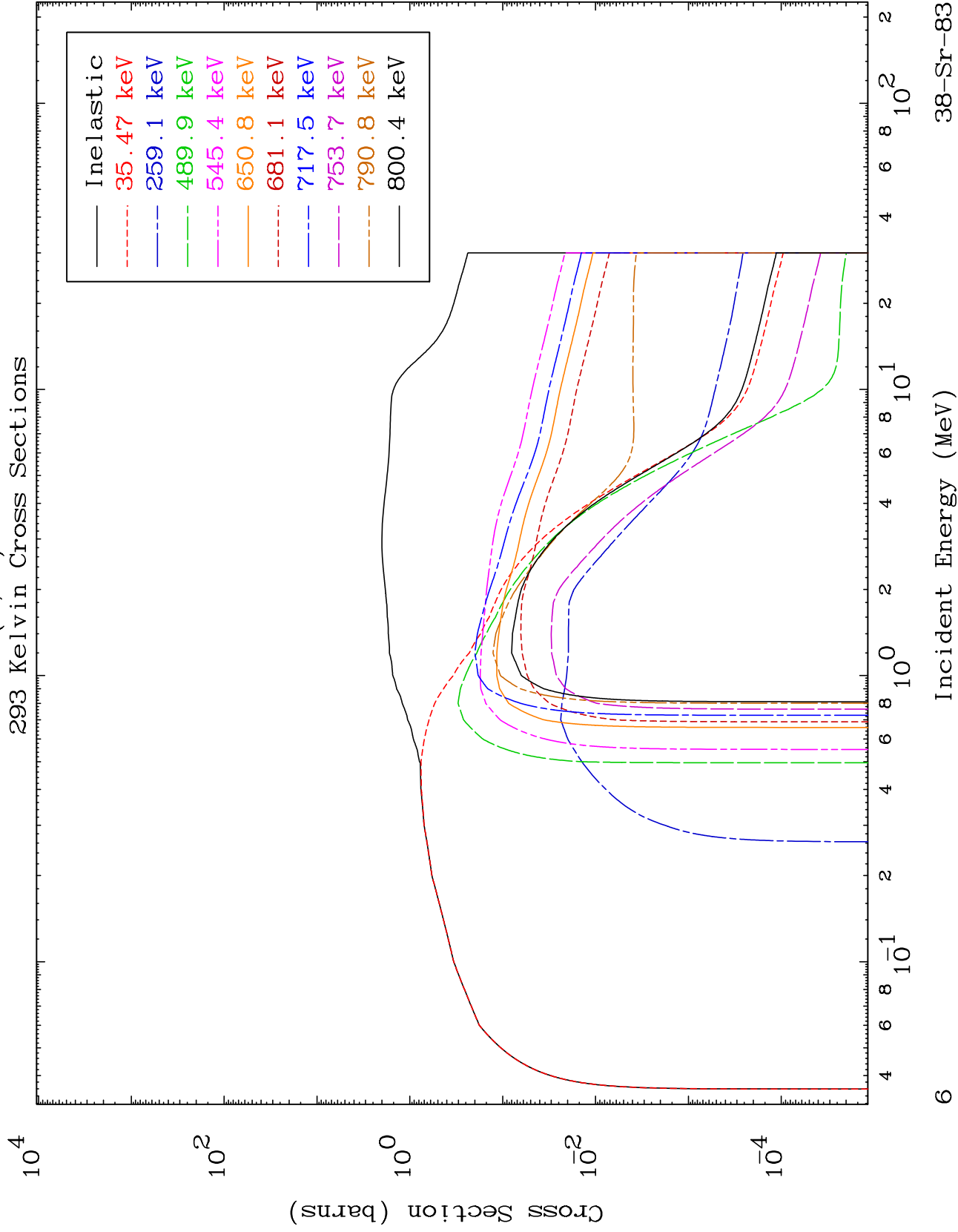


MAT 3822

(n,n') Level

38-Sr-83

293 Kelvin Cross Sections

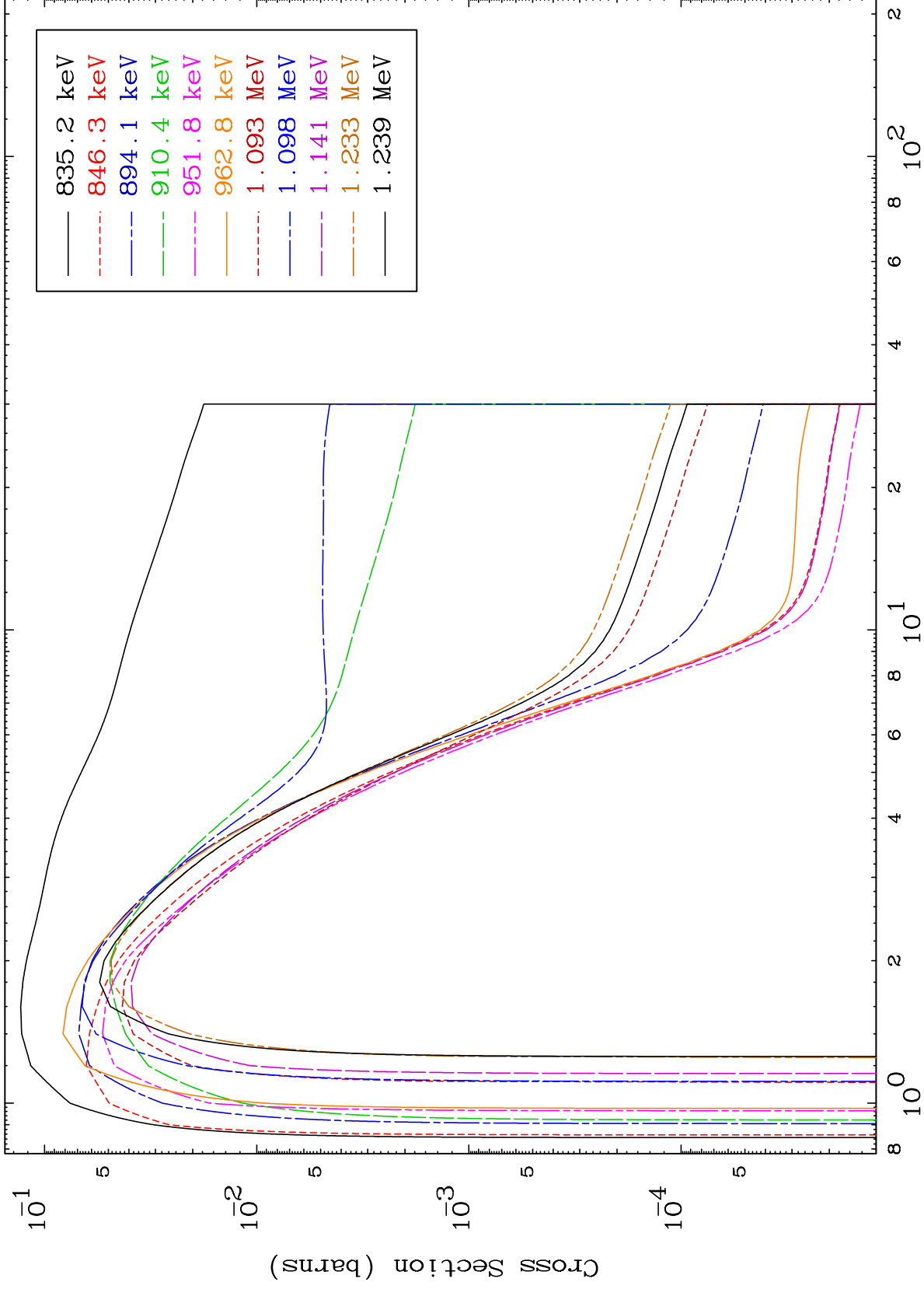


MAT 3822

(n,n') Level

38-Sr-83

293 Kelvin Cross Sections



Incident Energy (MeV)

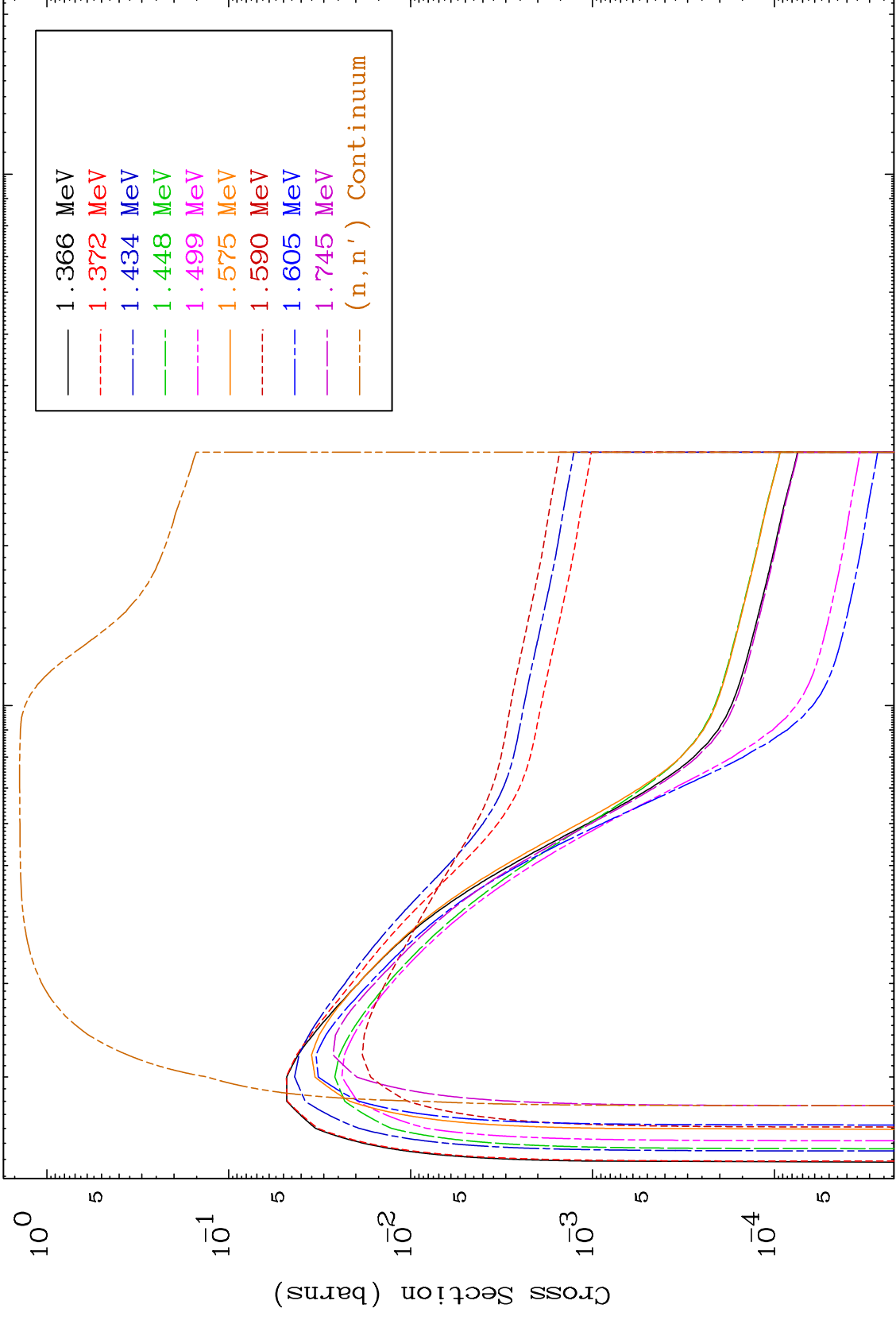
38-Sr-83

MAT 3822

(n,n') Level

38-Sr-83

293 Kelvin Cross Sections



8

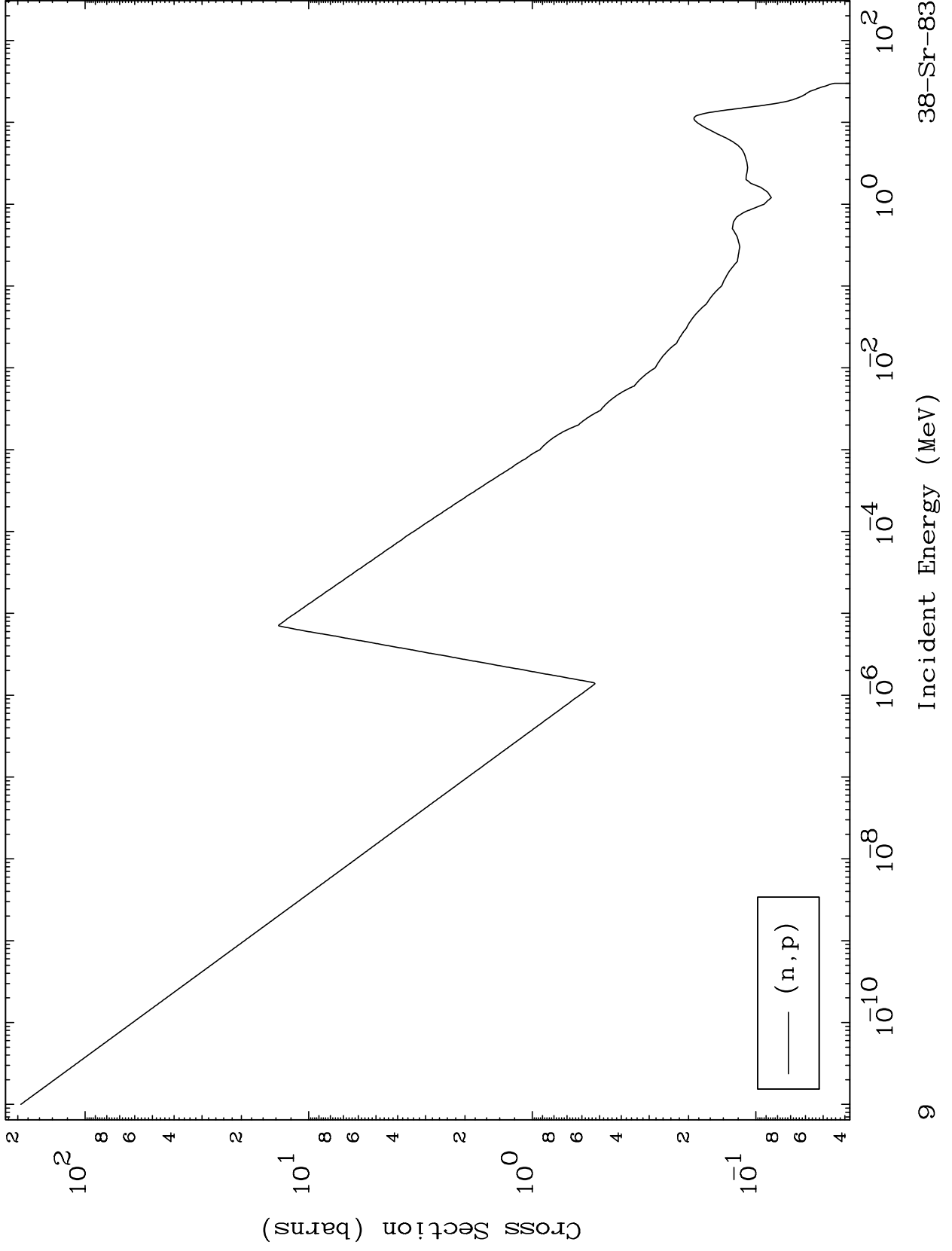
Incident Energy (MeV)

38-Sr-83

MAT 3822

(n,p) Levels
293 Kelvin Cross Sections

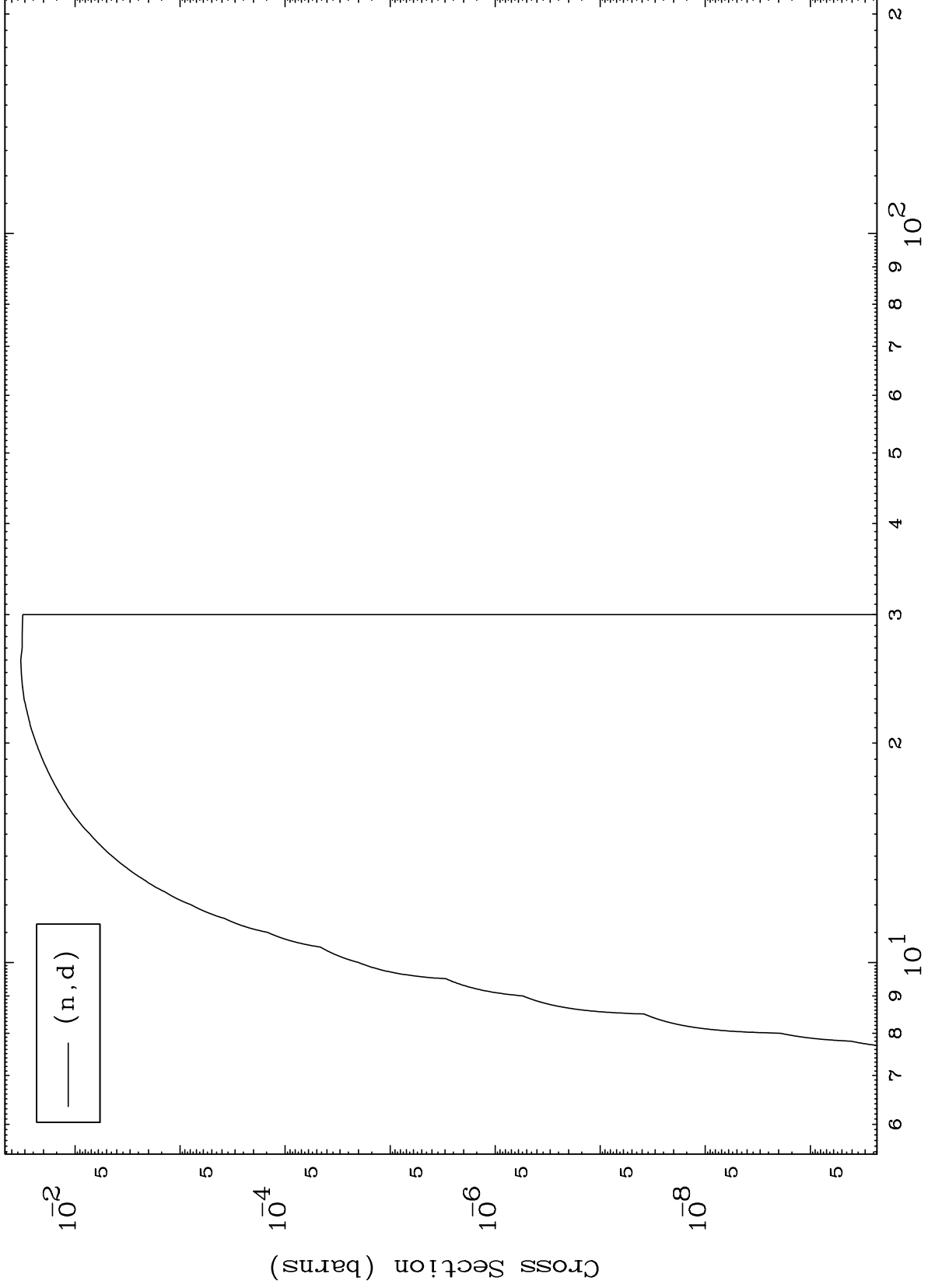
38-Sr-83



MAT 3822

(n,d) Levels
293 Kelvin Cross Sections

38-Sr-83



10

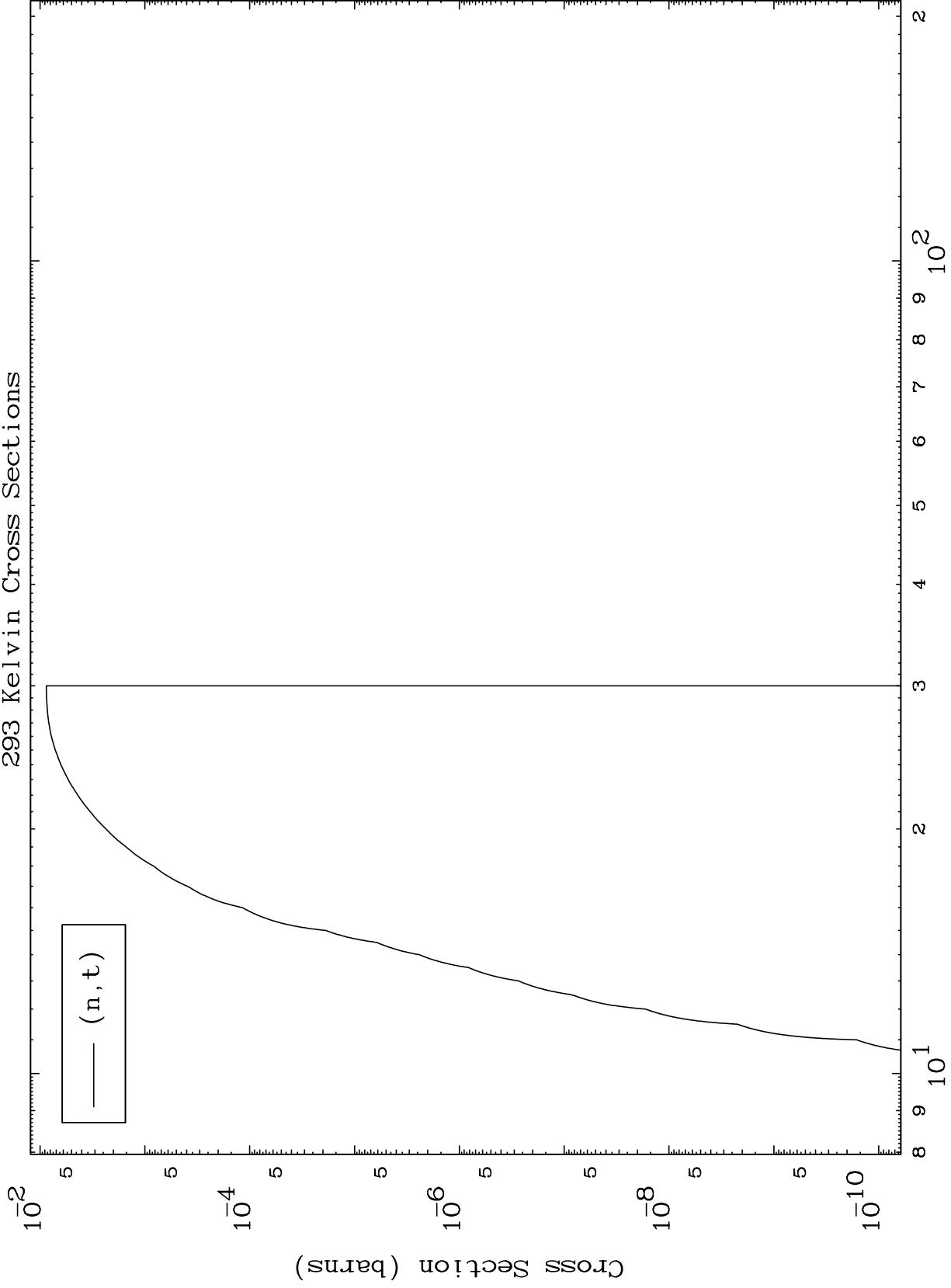
Incident Energy (MeV)

38-Sr-83

MAT 3822

(n,t) Levels
293 Kelvin Cross Sections

38-Sr-83

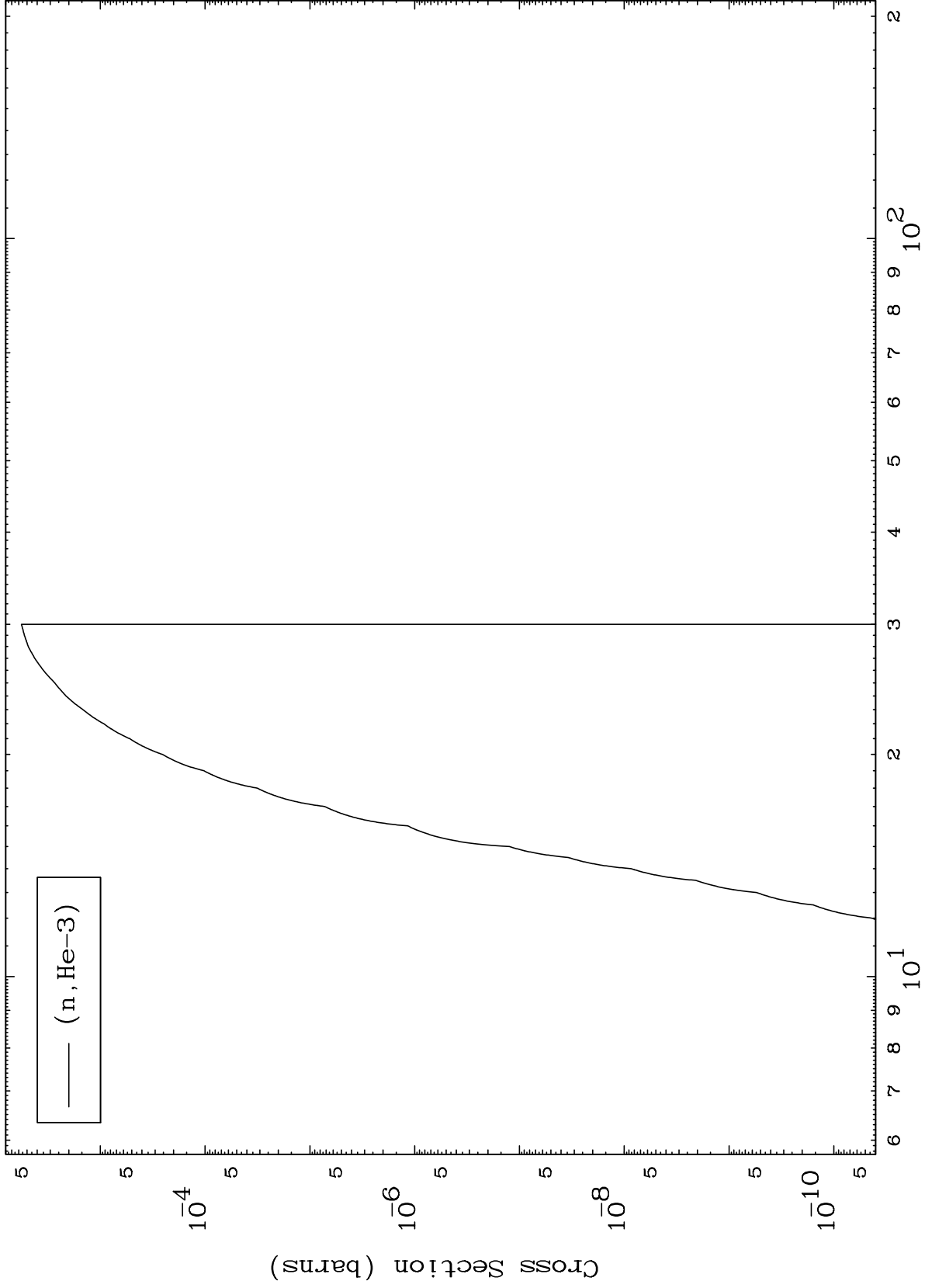


(n,t)

Incident Energy (MeV)

38-Sr-83

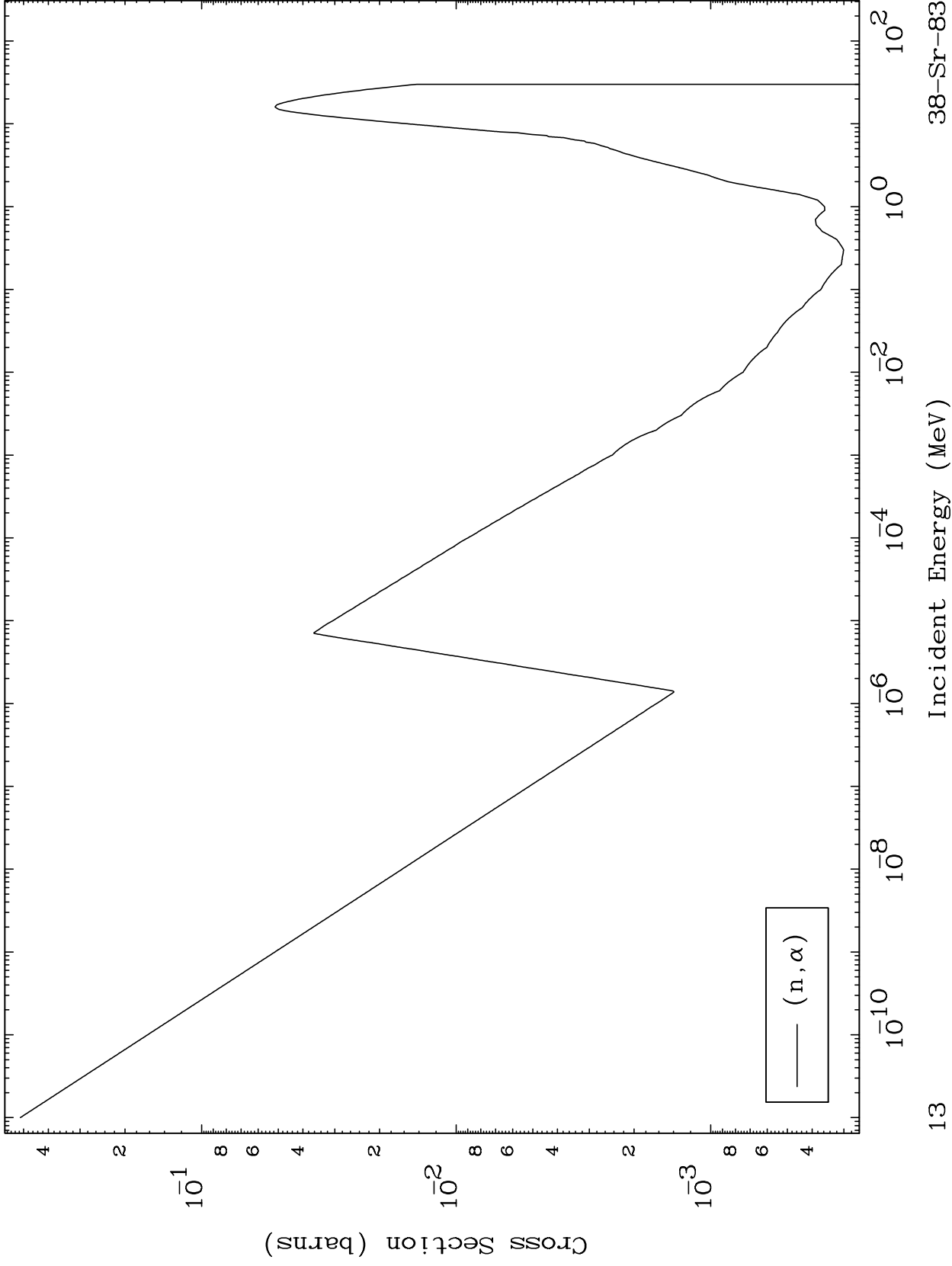
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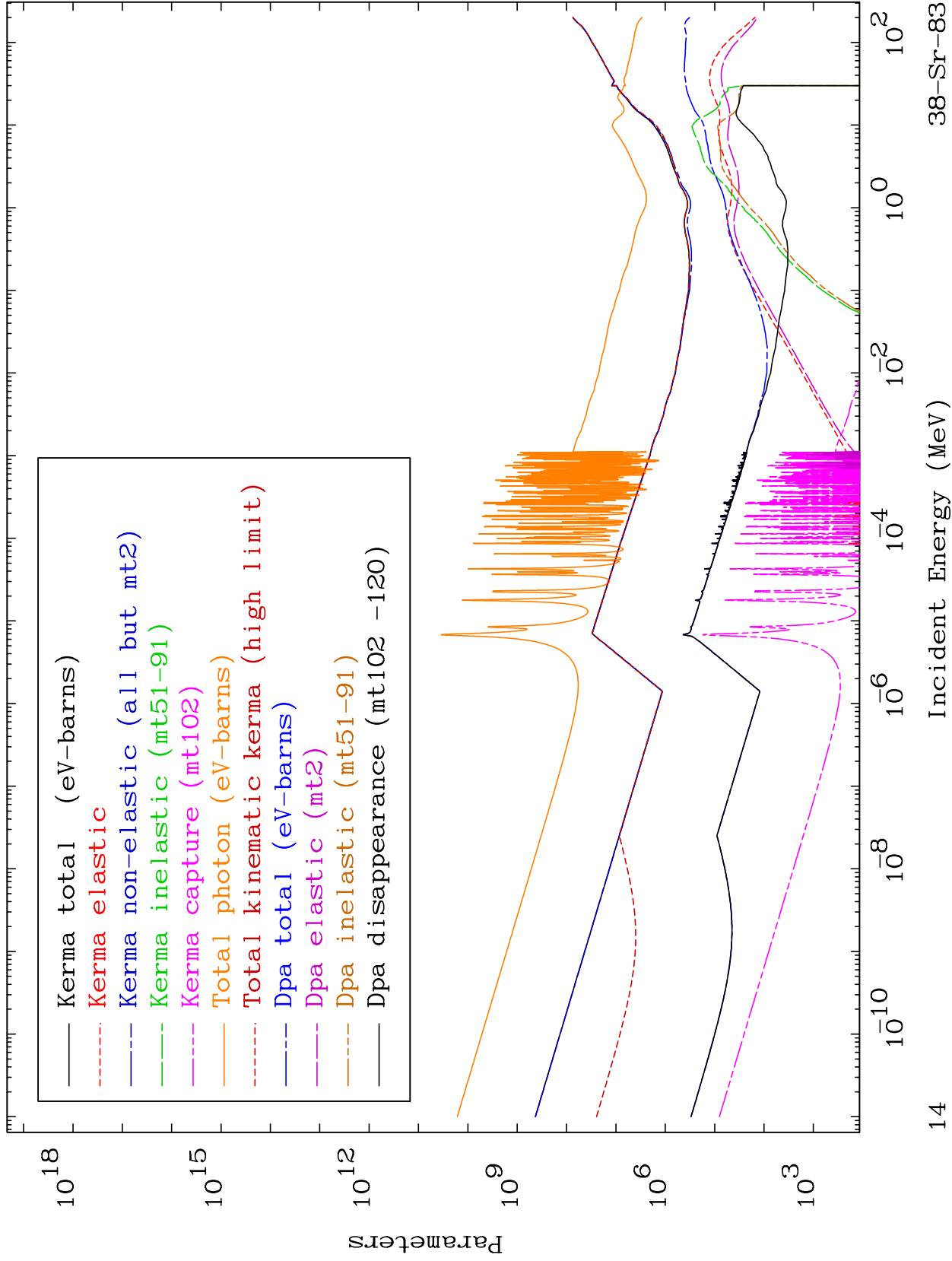


MAT 38222

(n,α) Levels
293 Kelvin Cross Sections

38-Sr-83

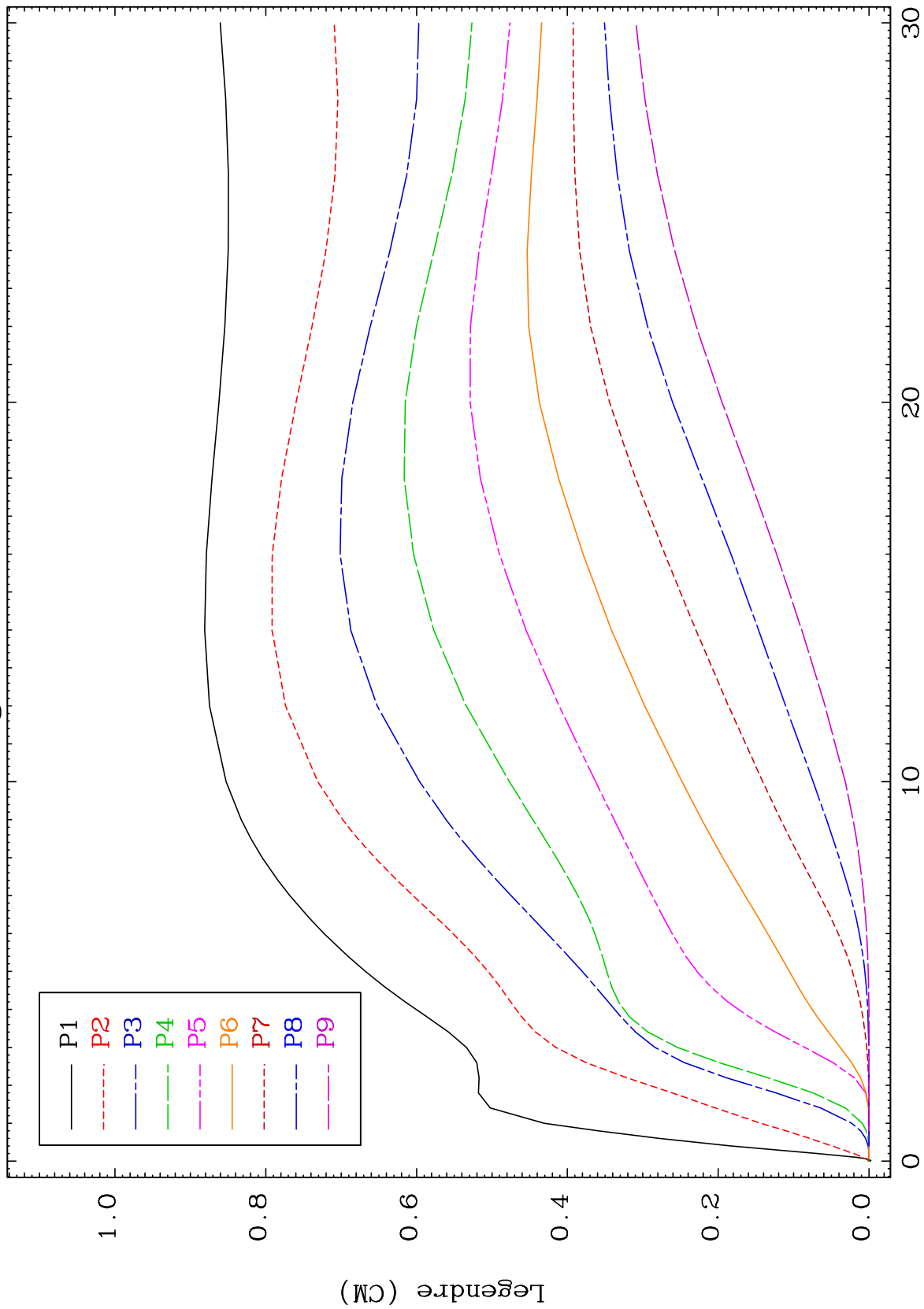




MAT 3822

Elastic Legendre Coefficients

³⁸Sr-83



15

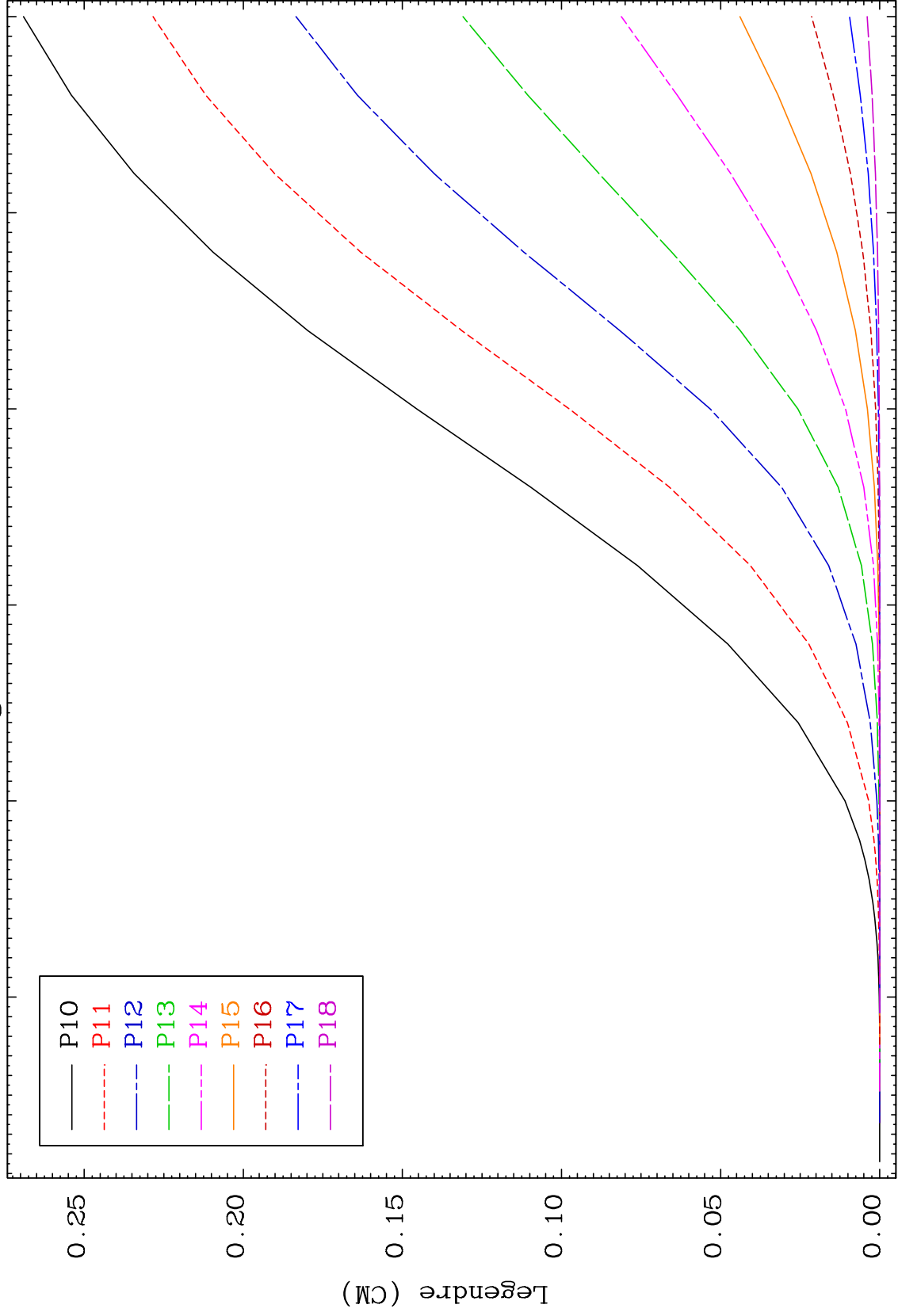
Incident Energy (MeV)

³⁸Sr-83

MAT 3822

Elastic Legendre Coefficients

38-Sr-83



16

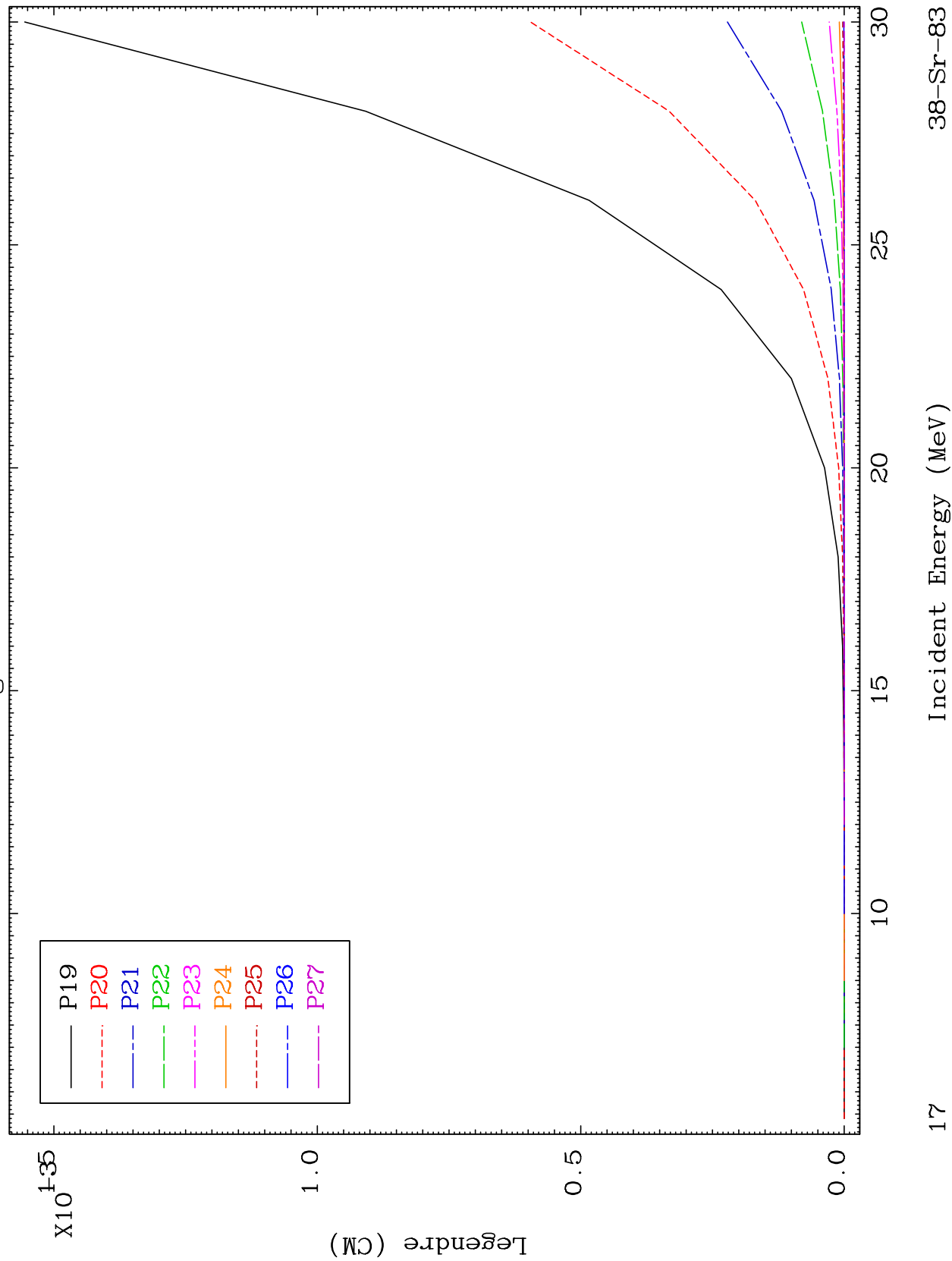
Incident Energy (MeV)

38-Sr-83

MAT 38222

Elastic Legendre Coefficients

38-Sr-83

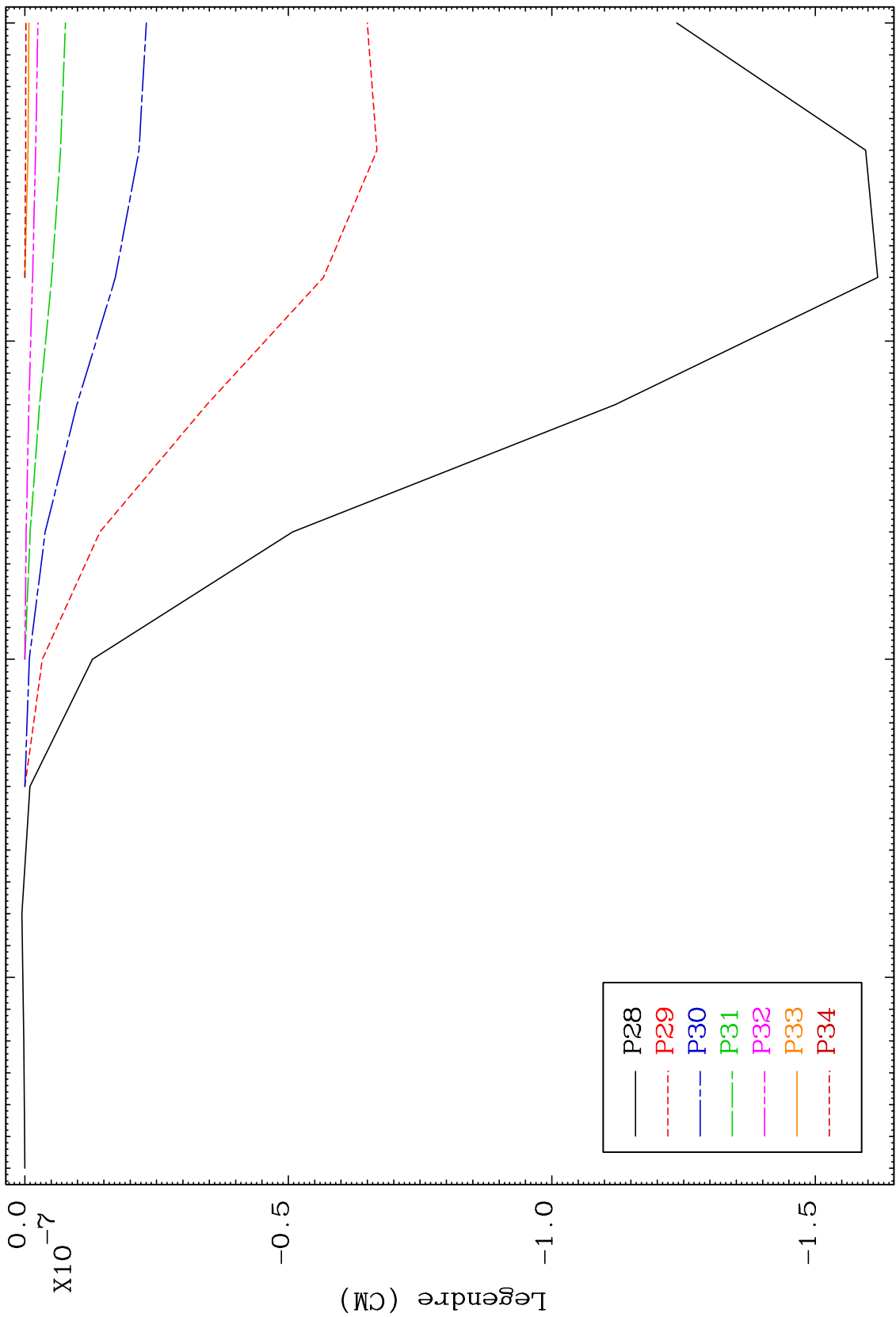


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MAT 3822

38-Sr-83

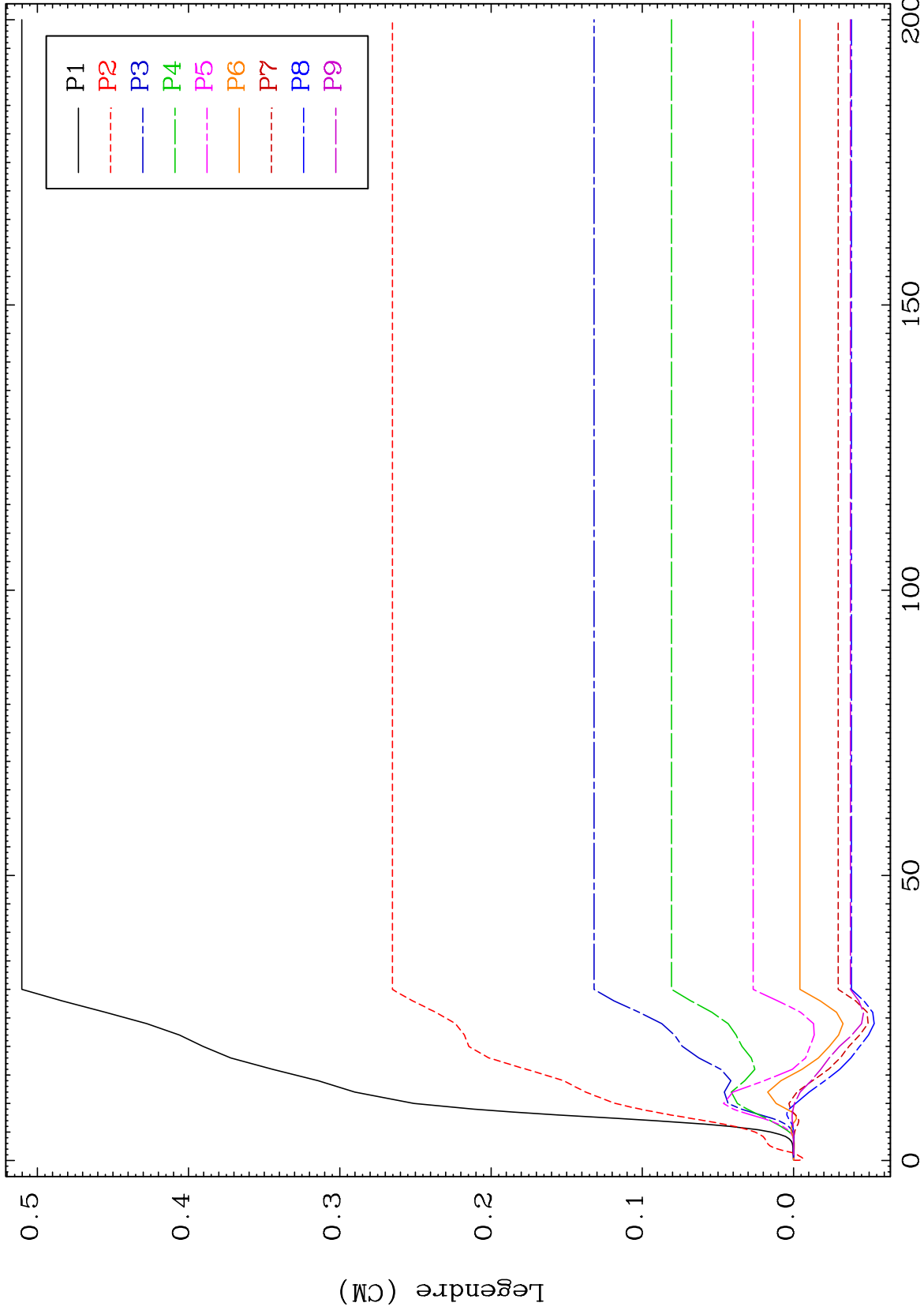
Elastic Legendre Coefficients



18

Incident Energy (MeV)

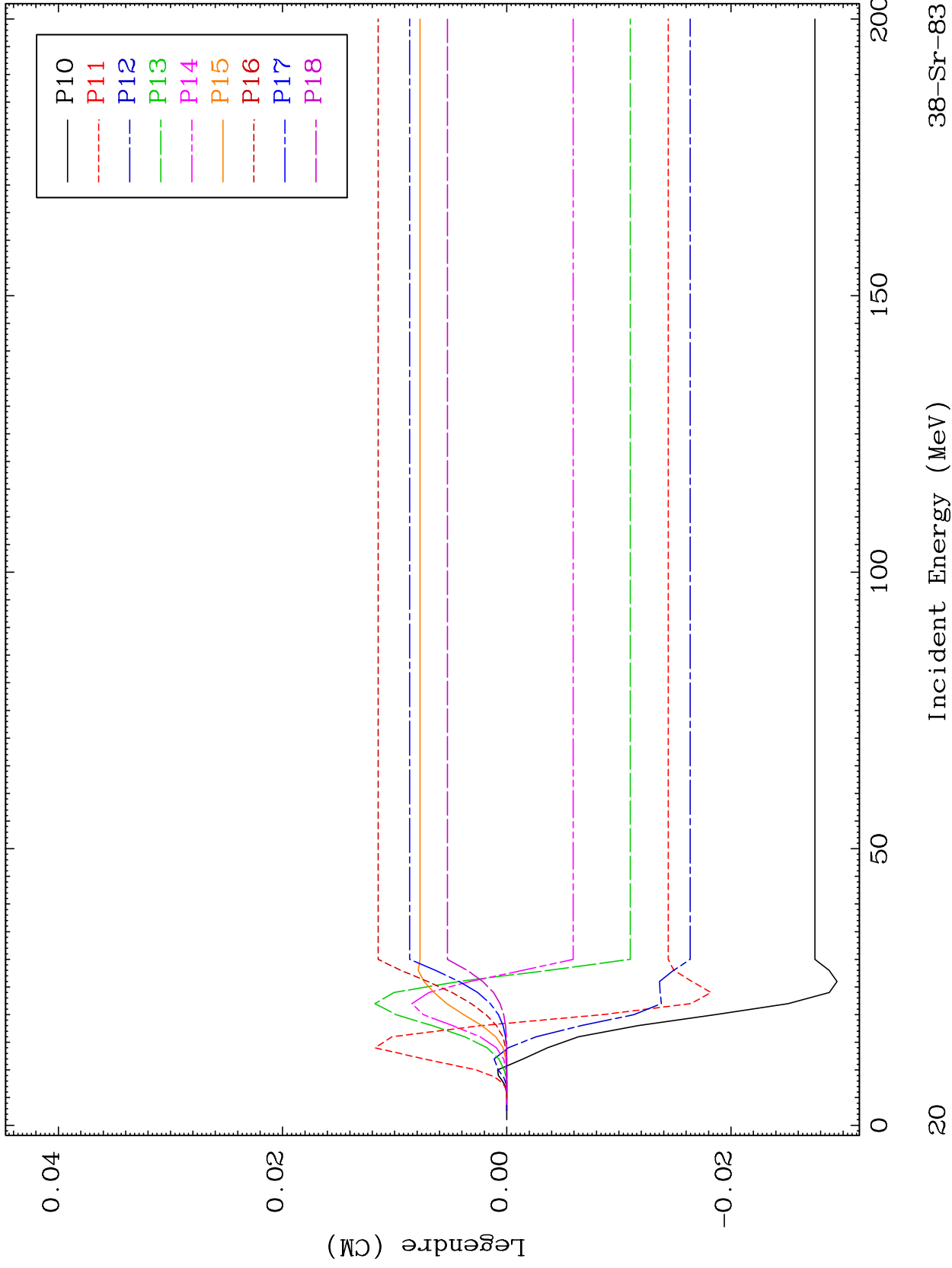
38-Sr-83



MAT 3822

35.47 keV (n,n') Level
Legendre Coefficients

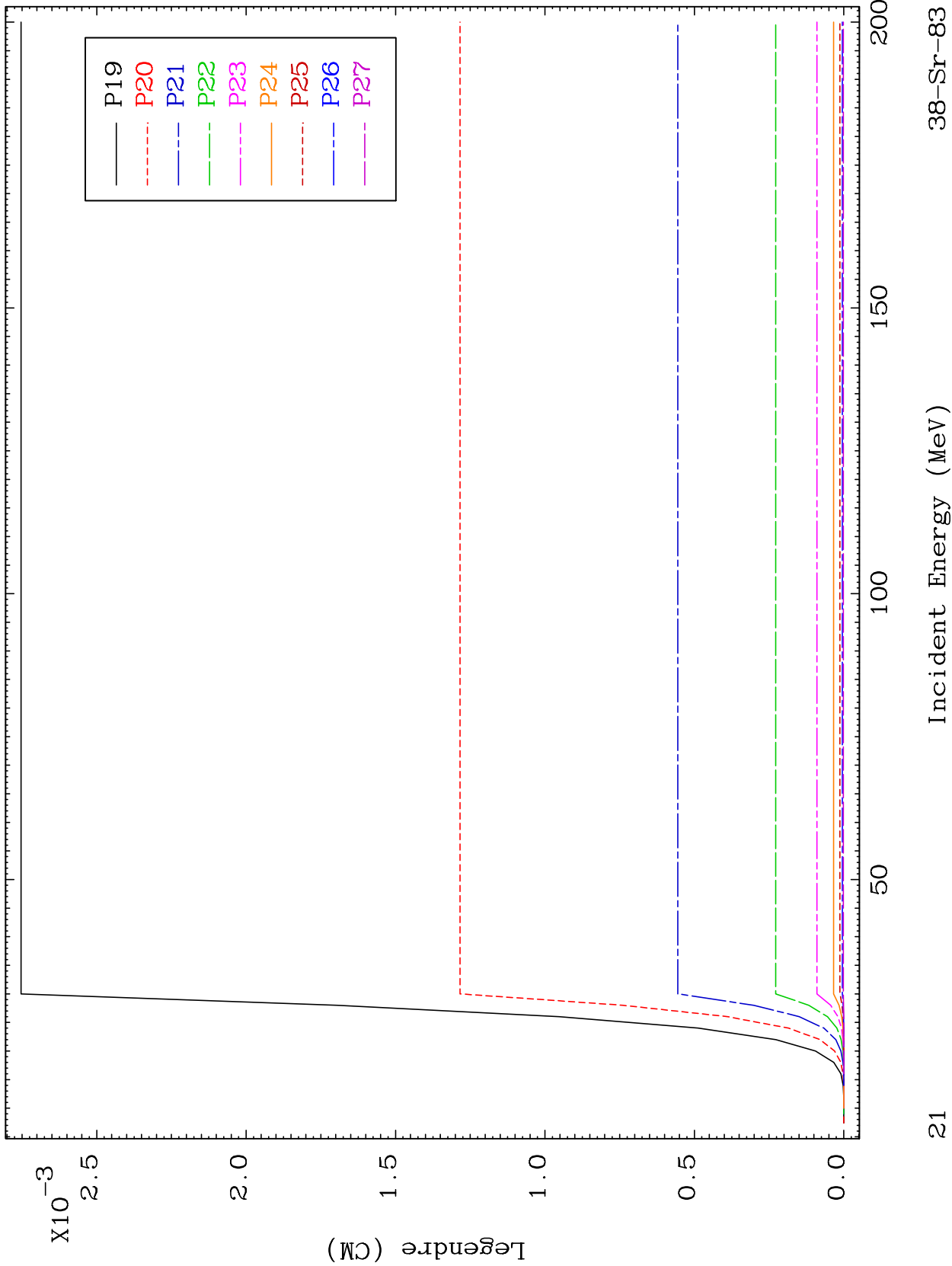
38-Sr-83

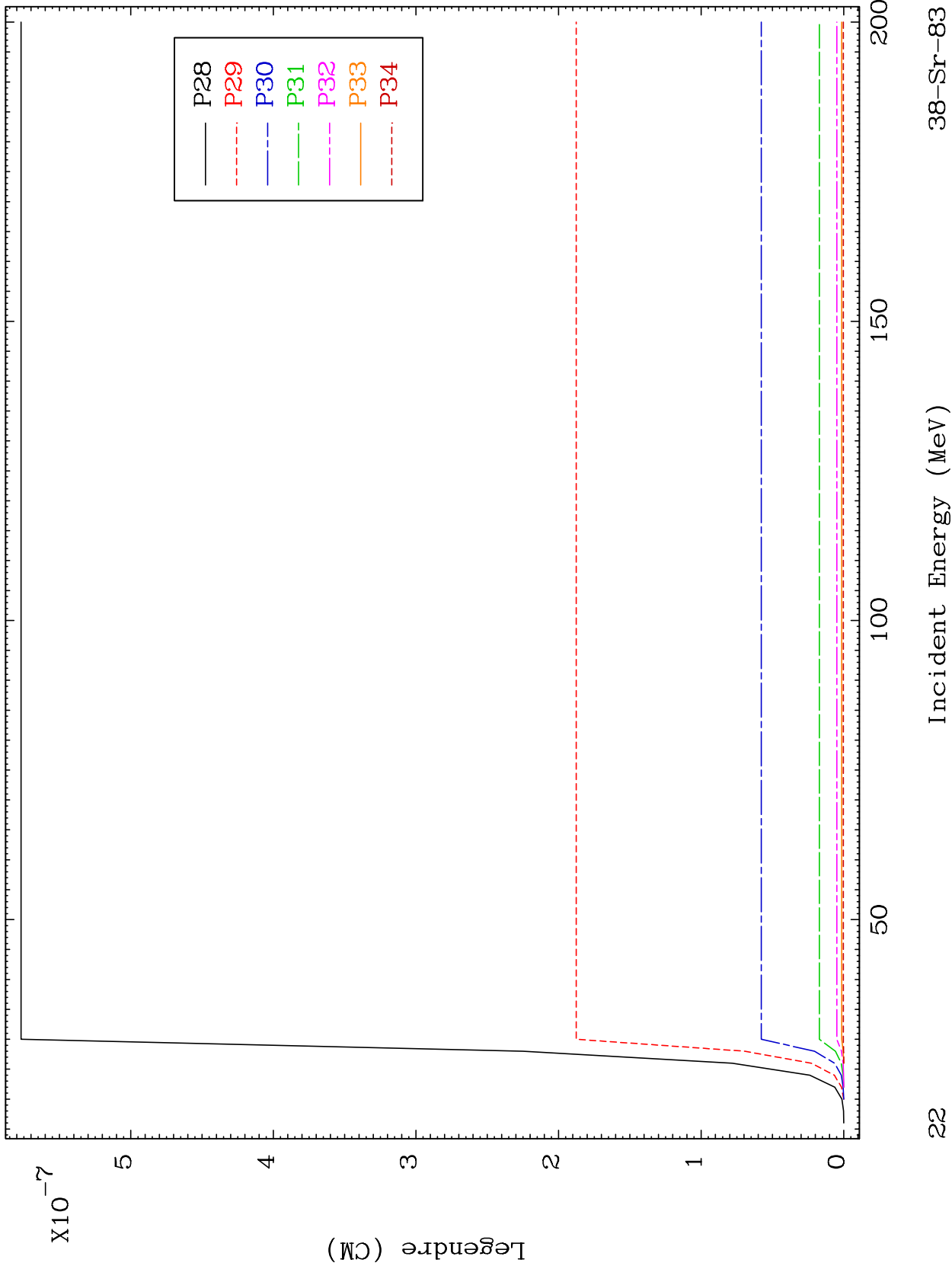


38-Sr-83

Incident Energy (MeV)

20

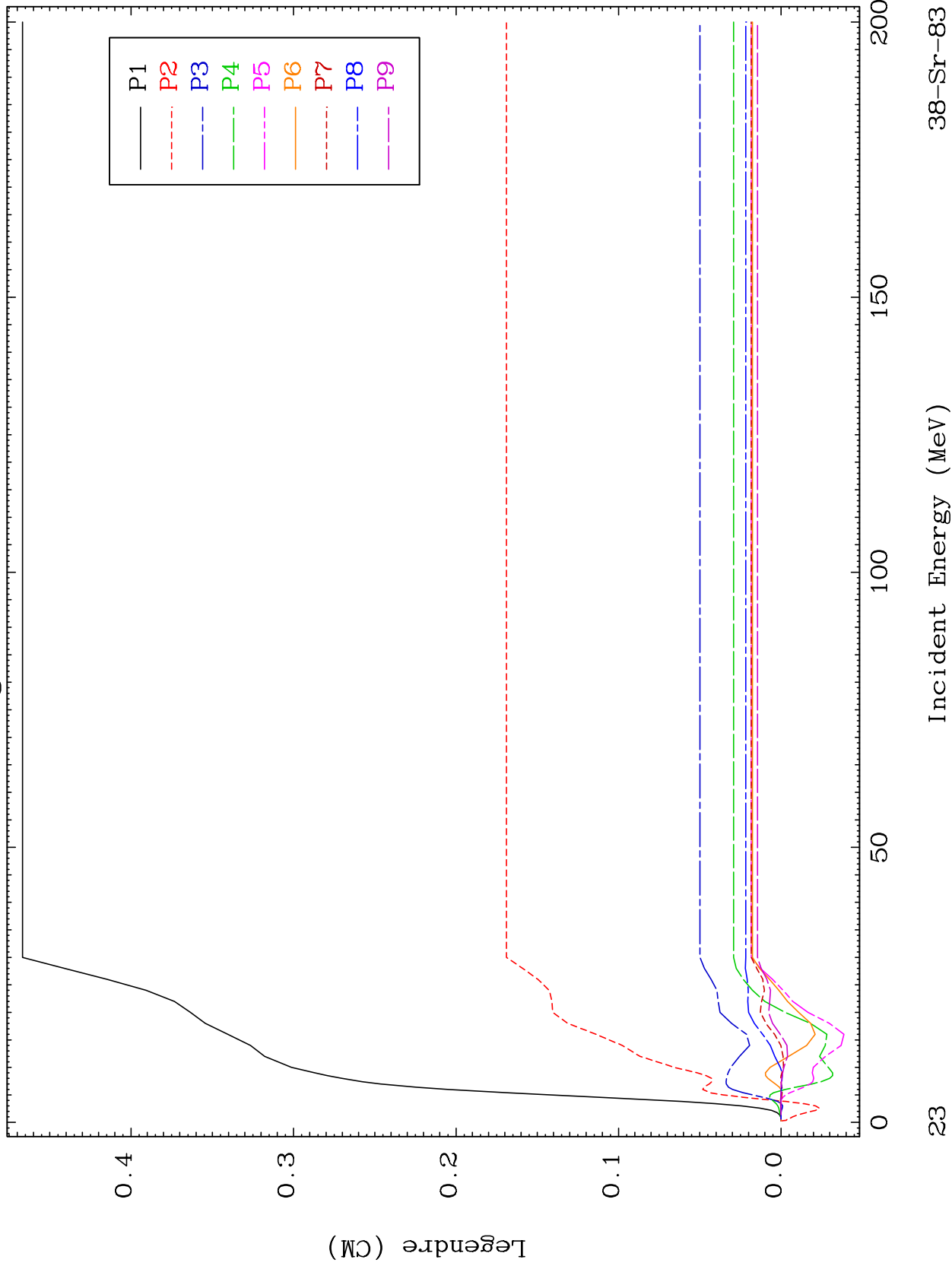




MAT 3822

259.1 keV (n,n') Level
Legendre Coefficients

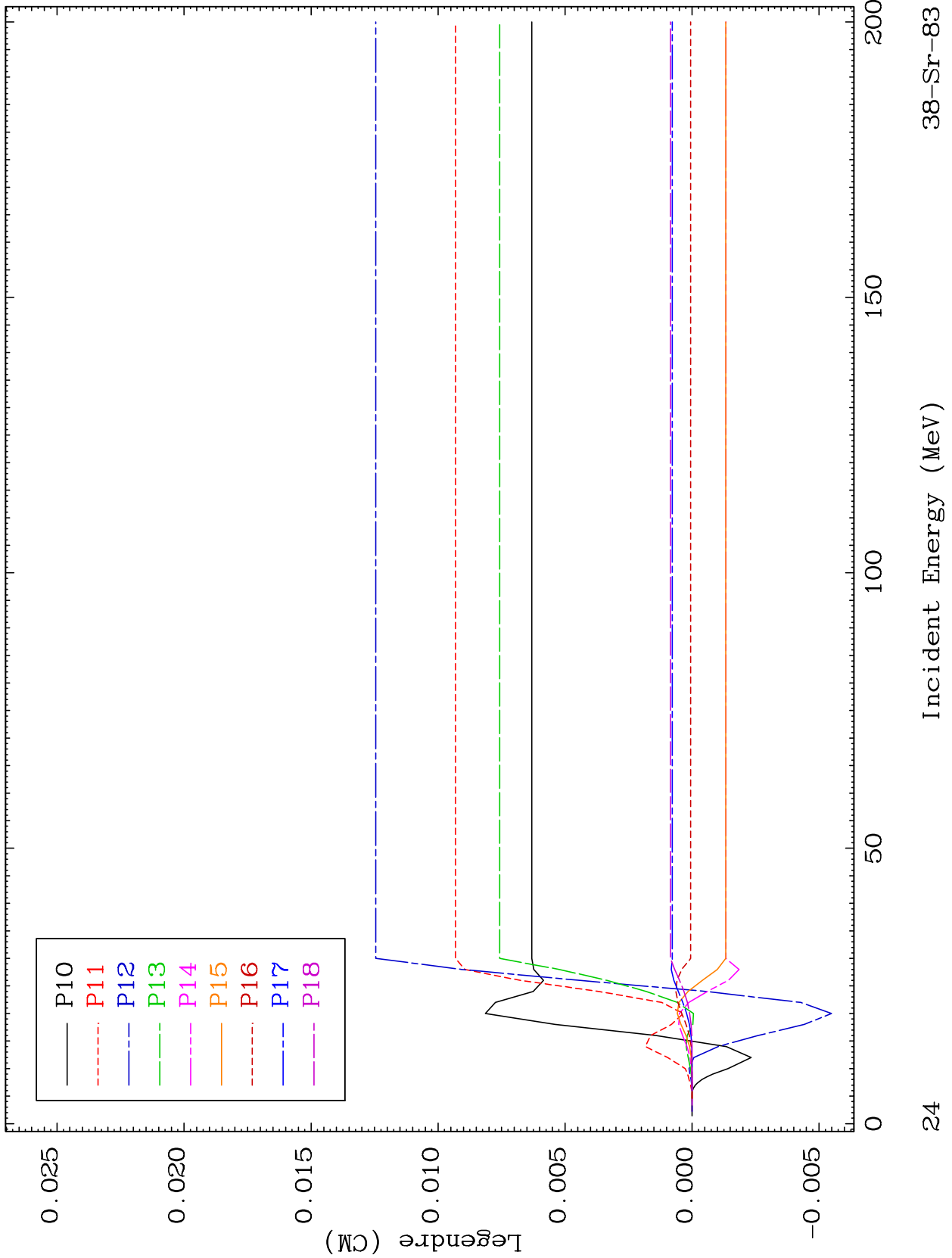
38-Sr-83

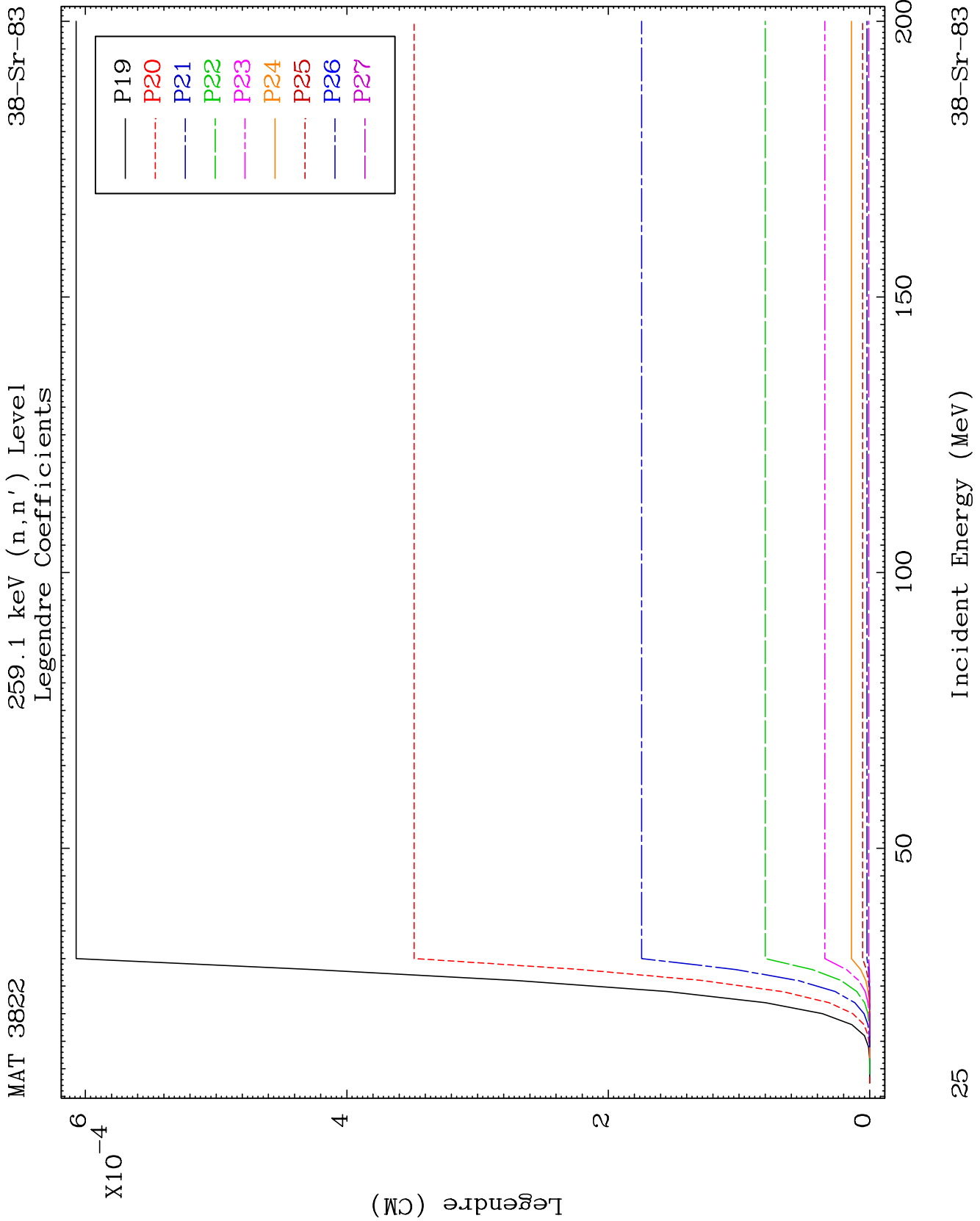


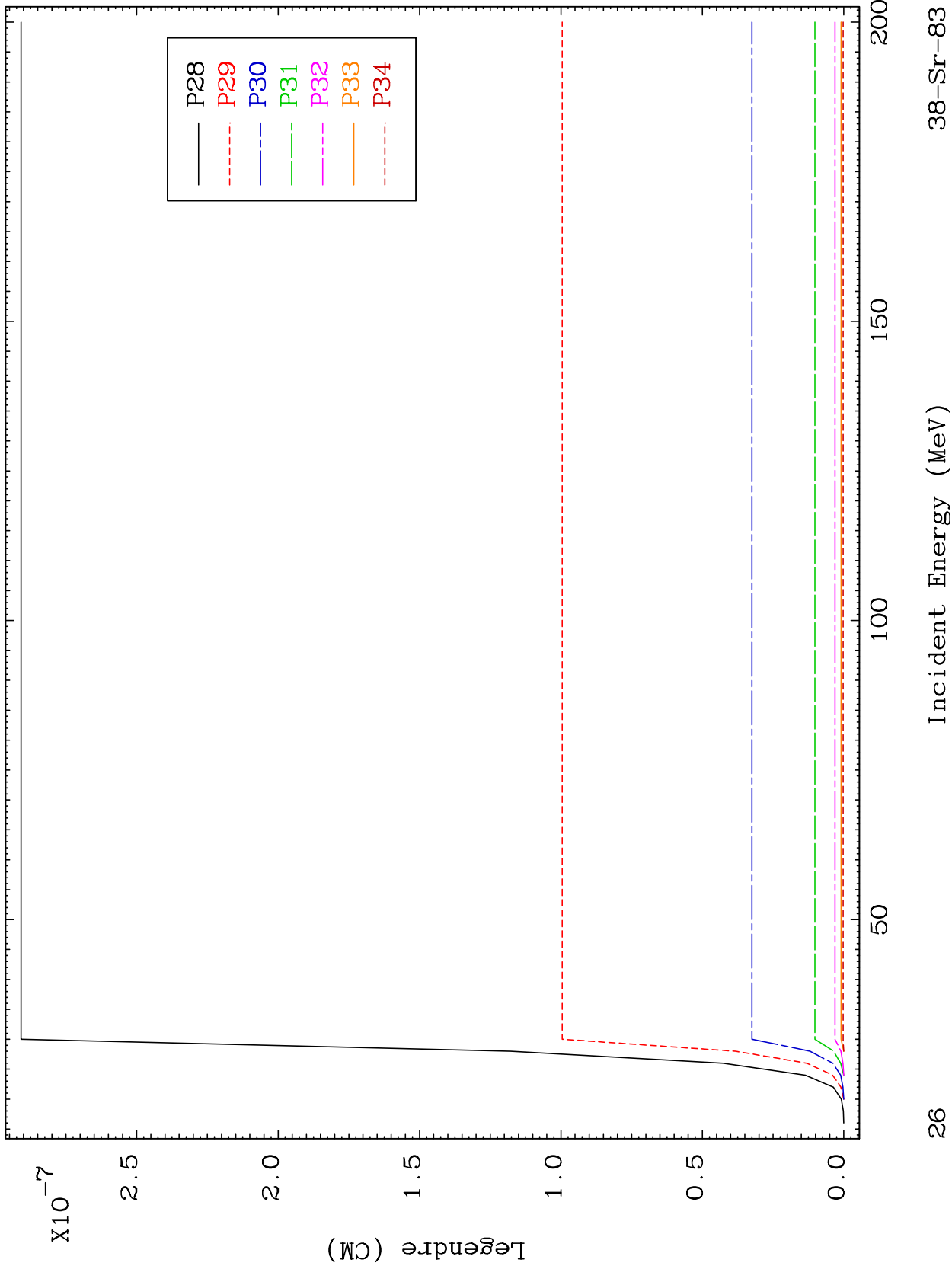
38-Sr-83

Incident Energy (MeV)

23



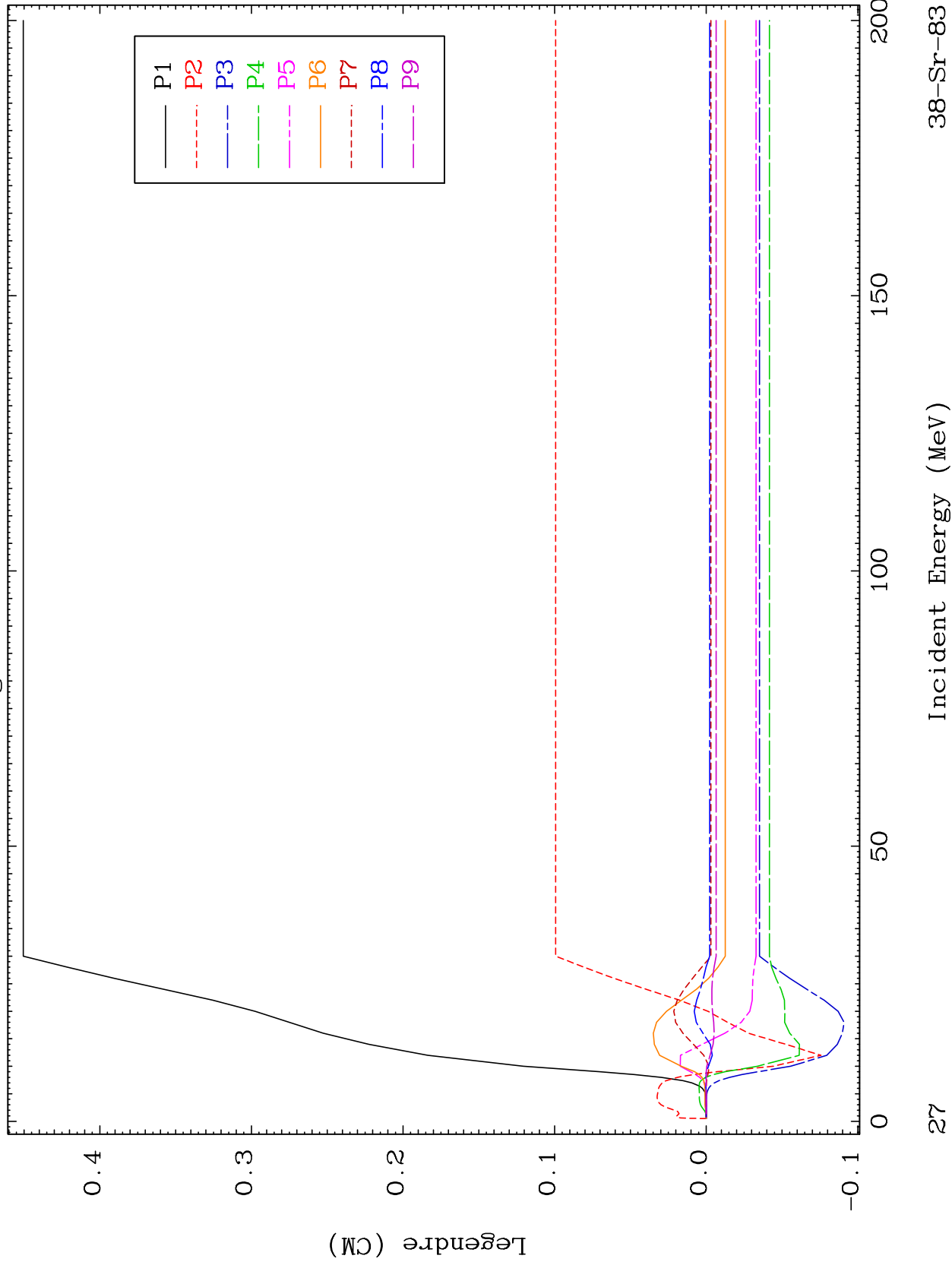




MAT 3822

489.9 keV (n,n') Level
Legendre Coefficients

38-Sr-83



27

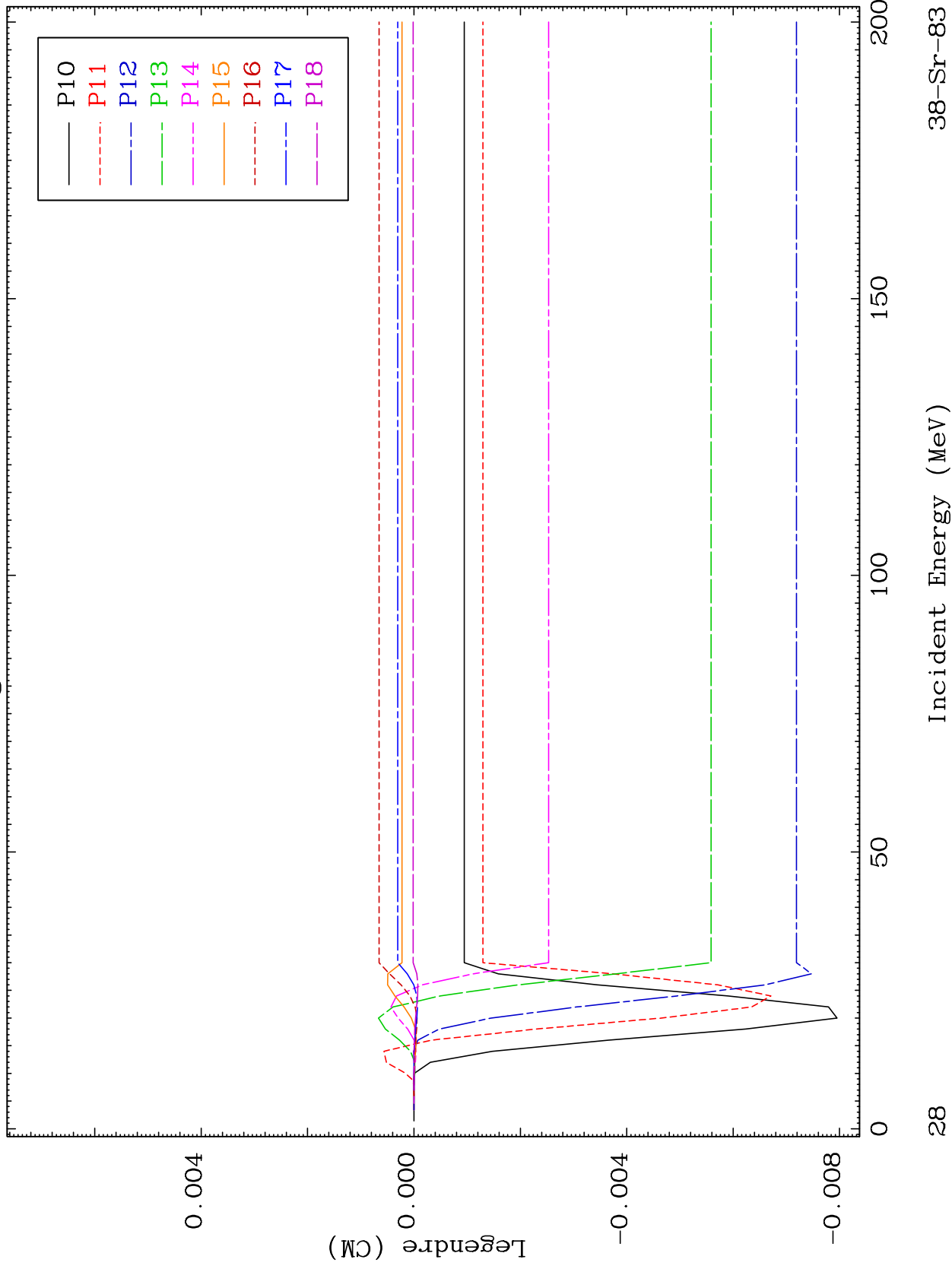
Incident Energy (MeV)

38-Sr-83

MAT 3822

489.9 keV (n,n') Level
Legendre Coefficients

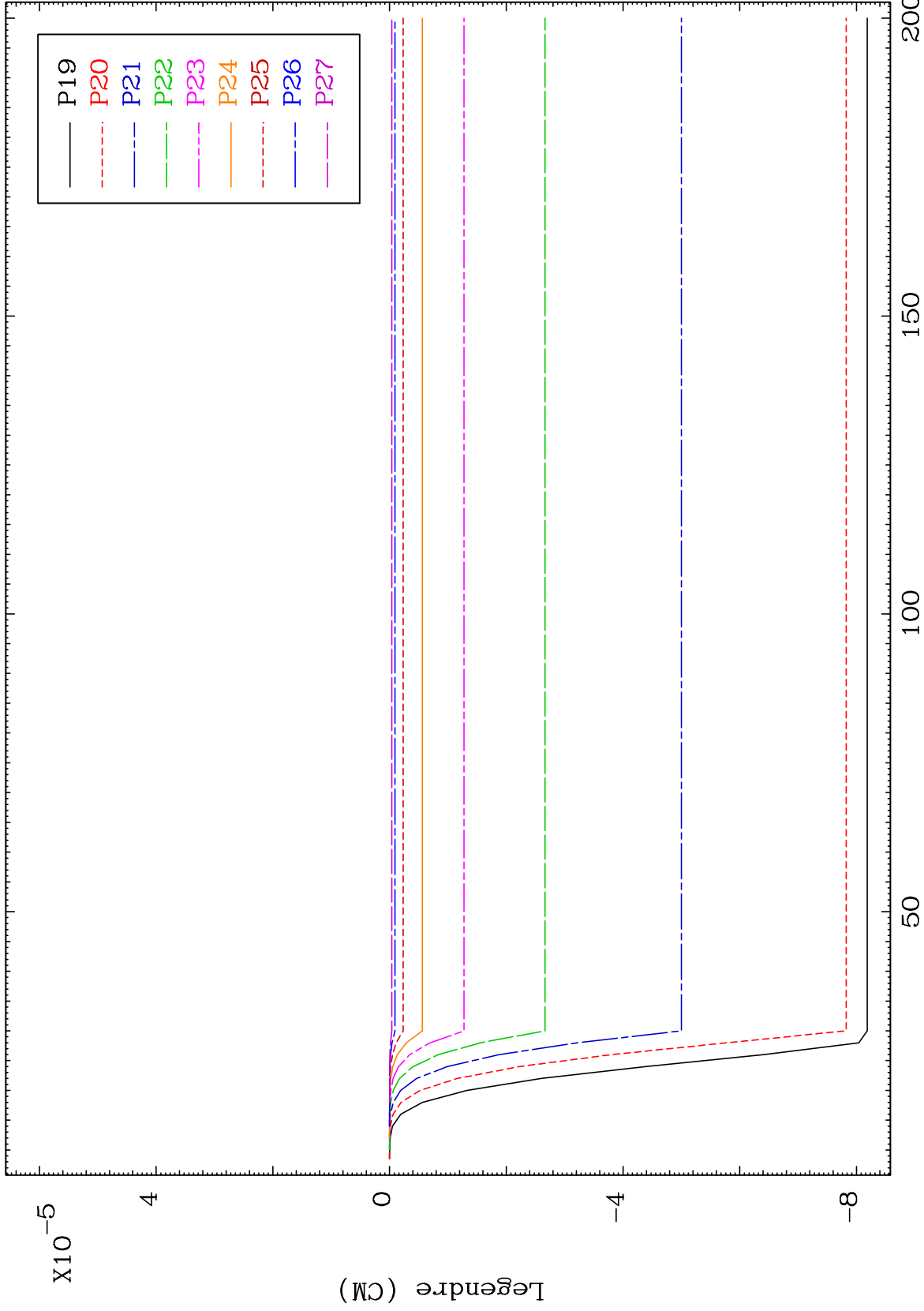
38-Sr-83

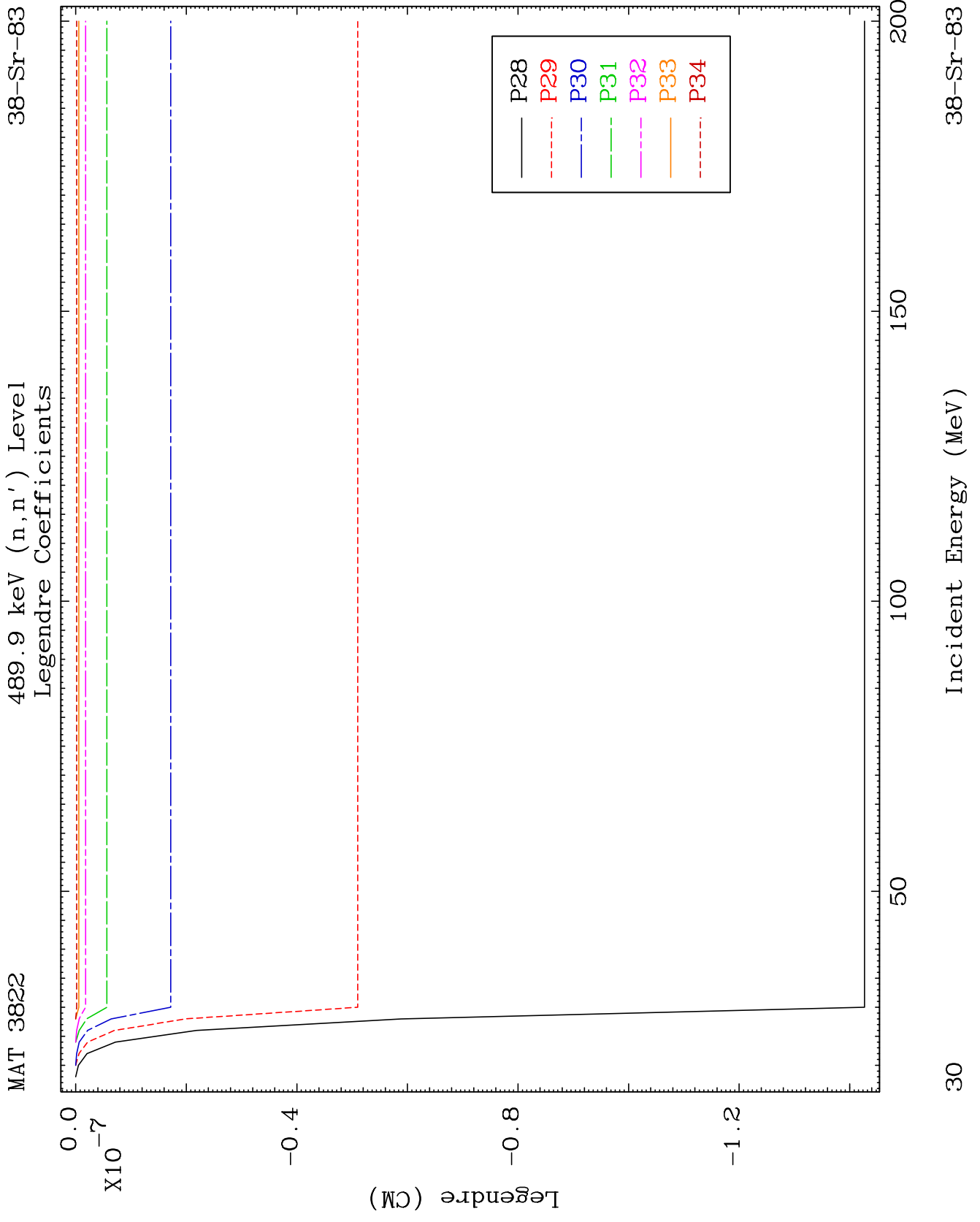


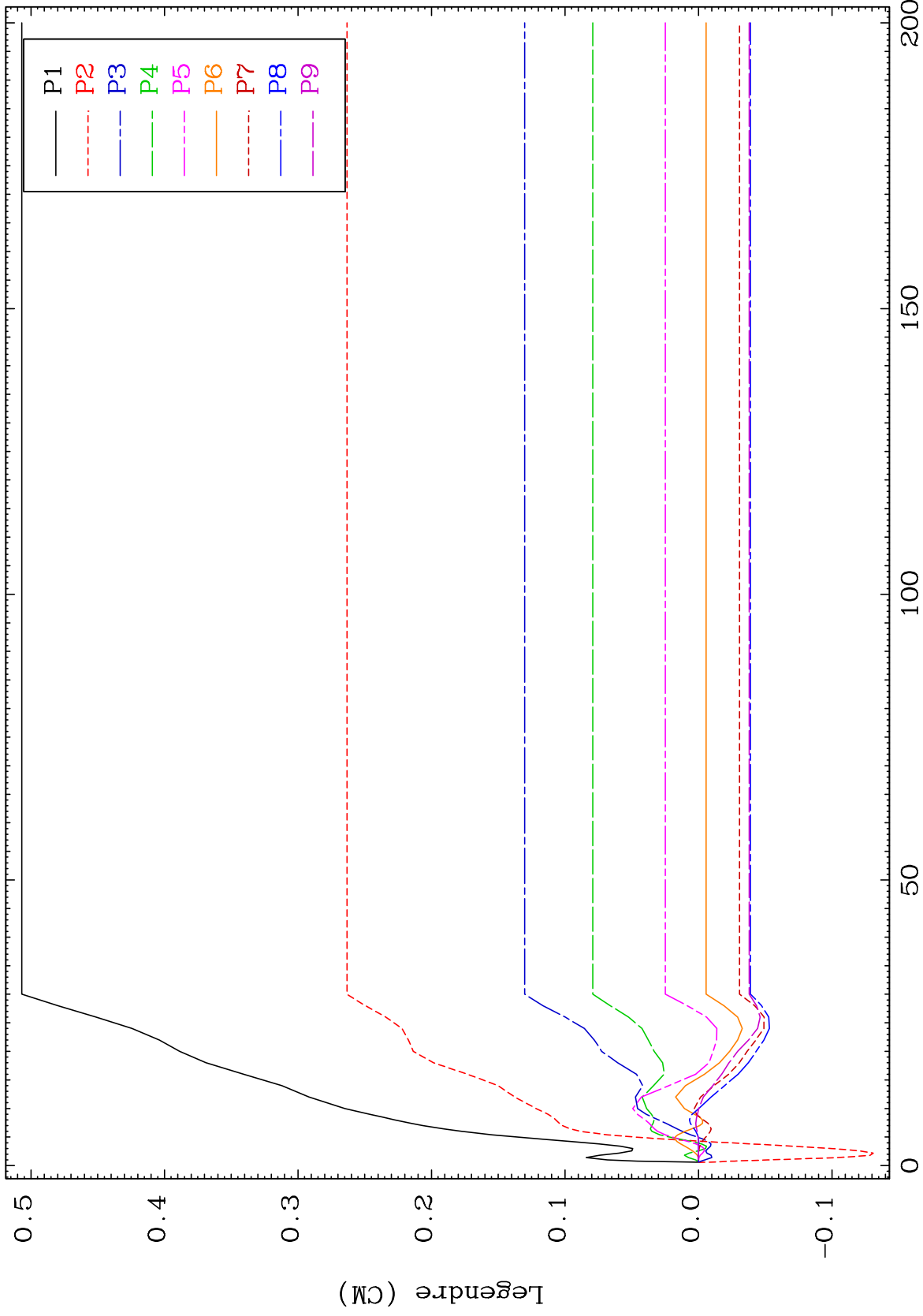
38-Sr-83

Incident Energy (MeV)

28



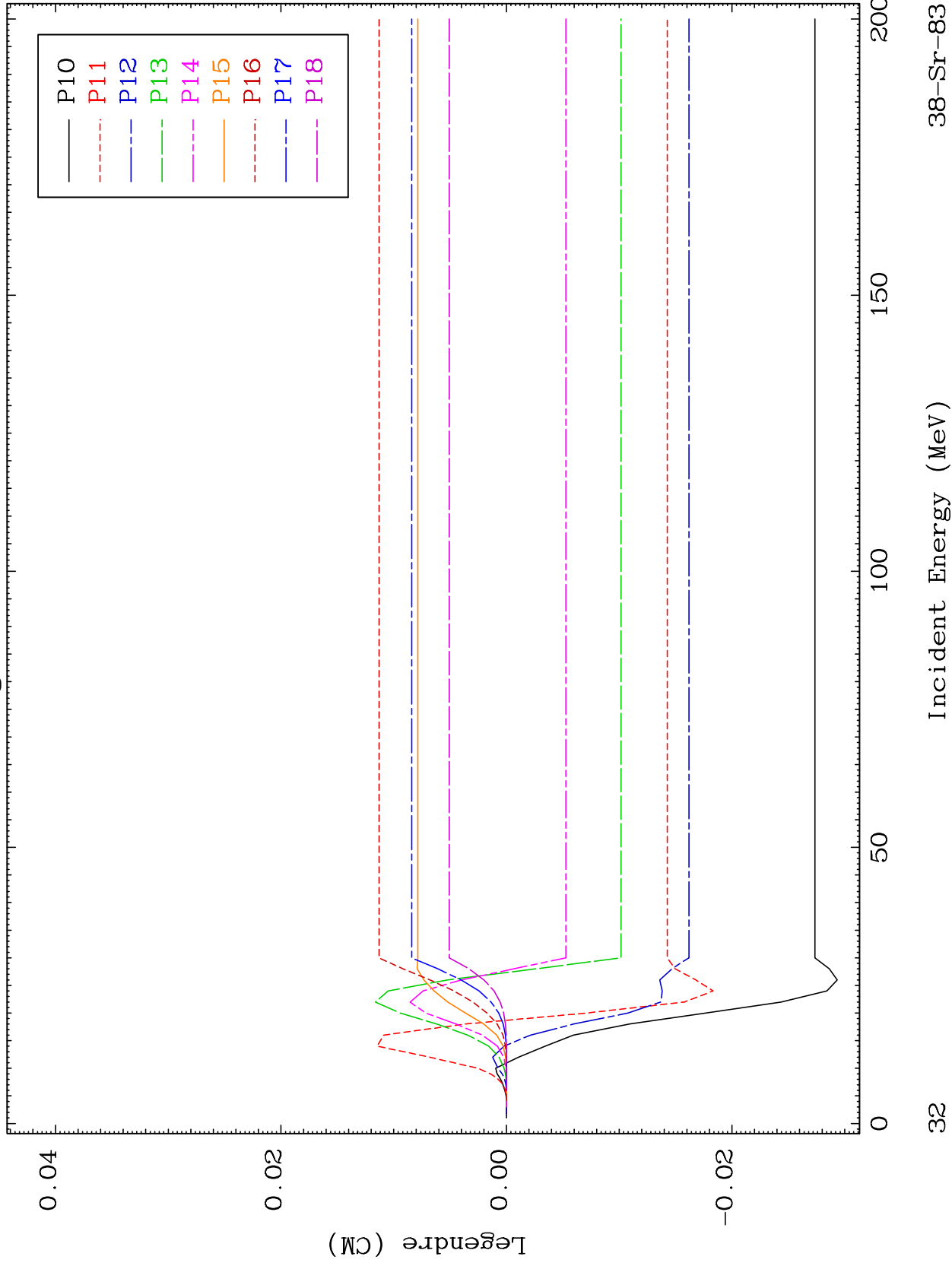




MAT 3822

545.4 keV (n,n') Level
Legendre Coefficients

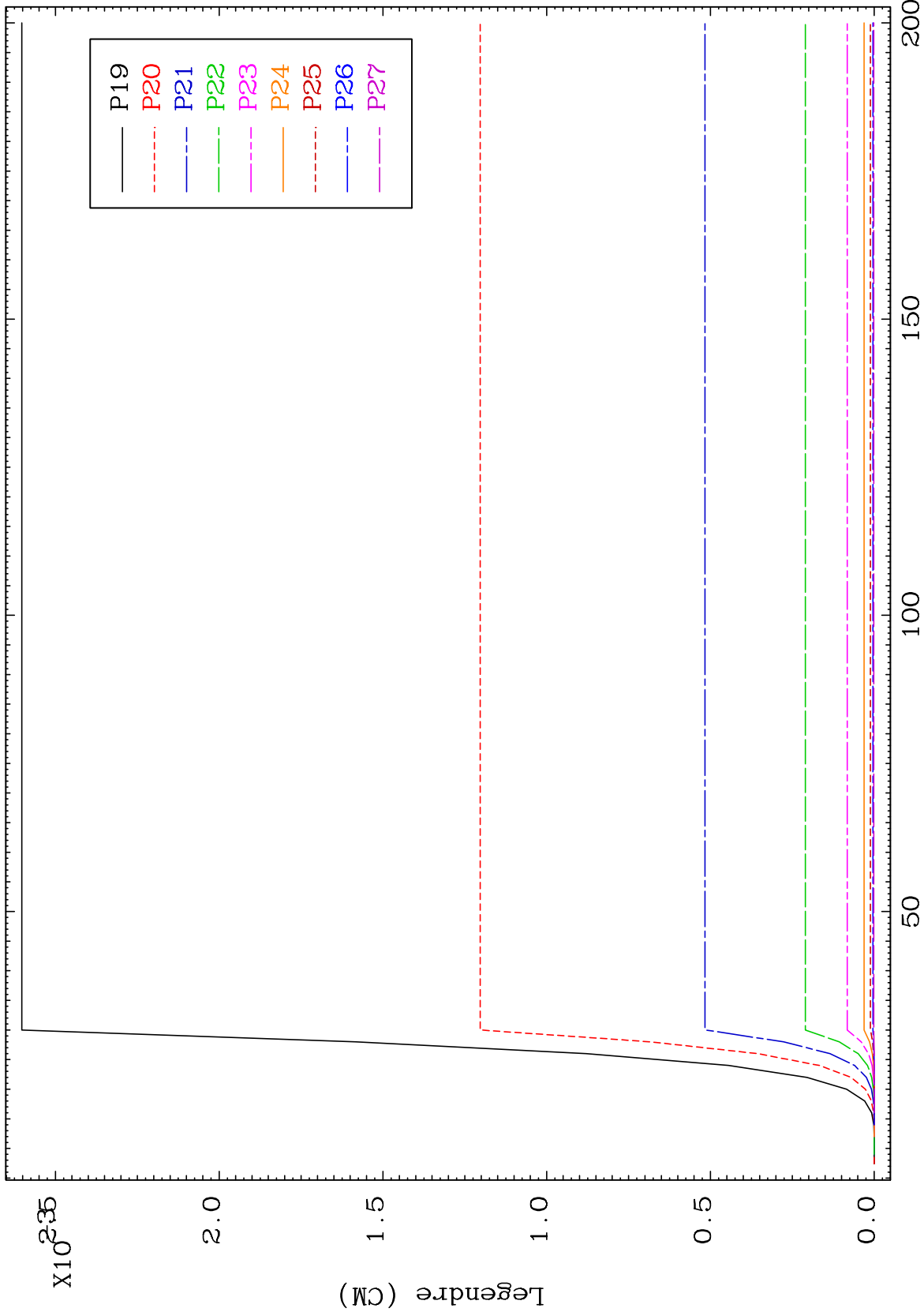
38-Sr-83

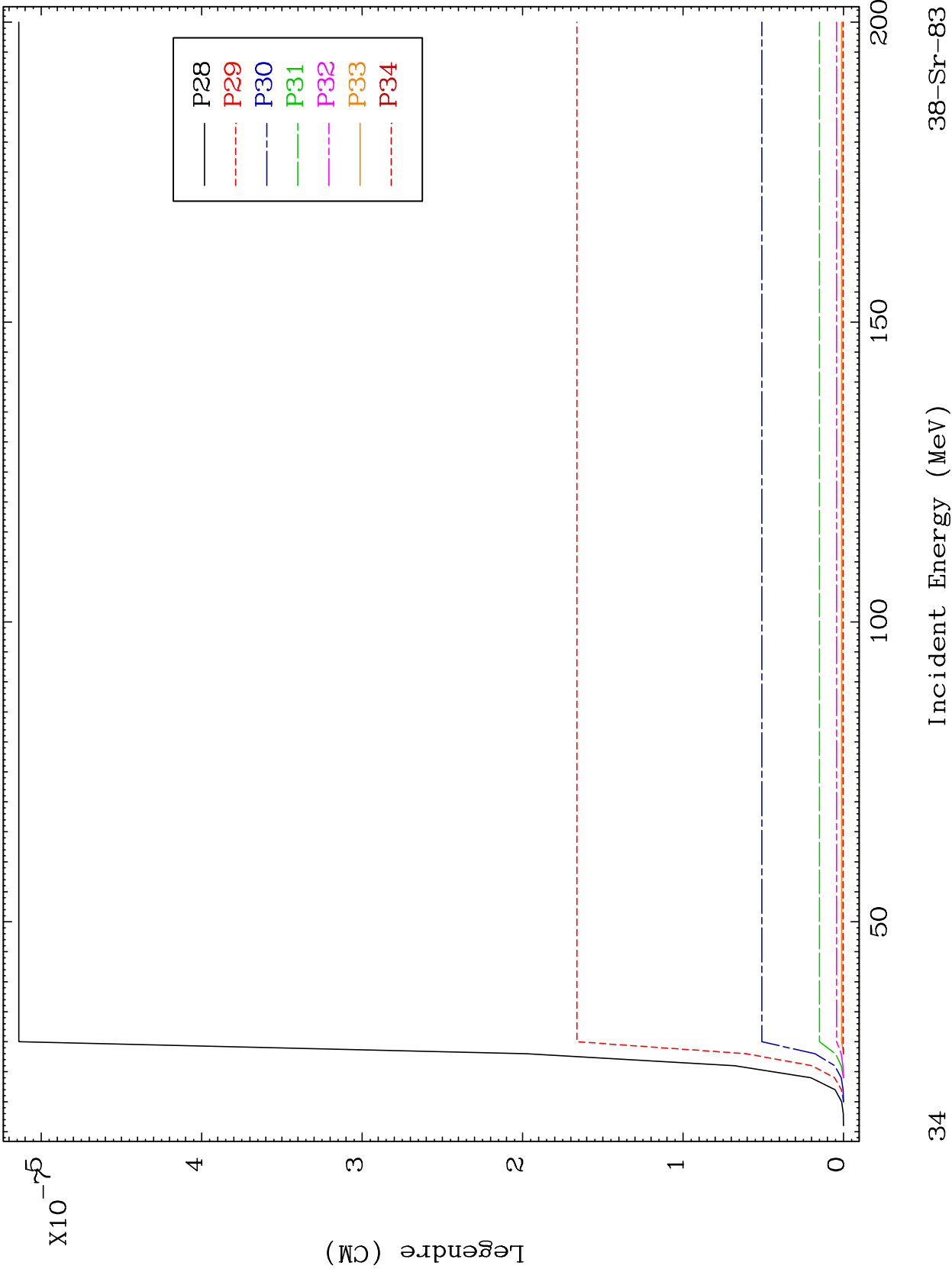


38-Sr-83

Incident Energy (MeV)

32

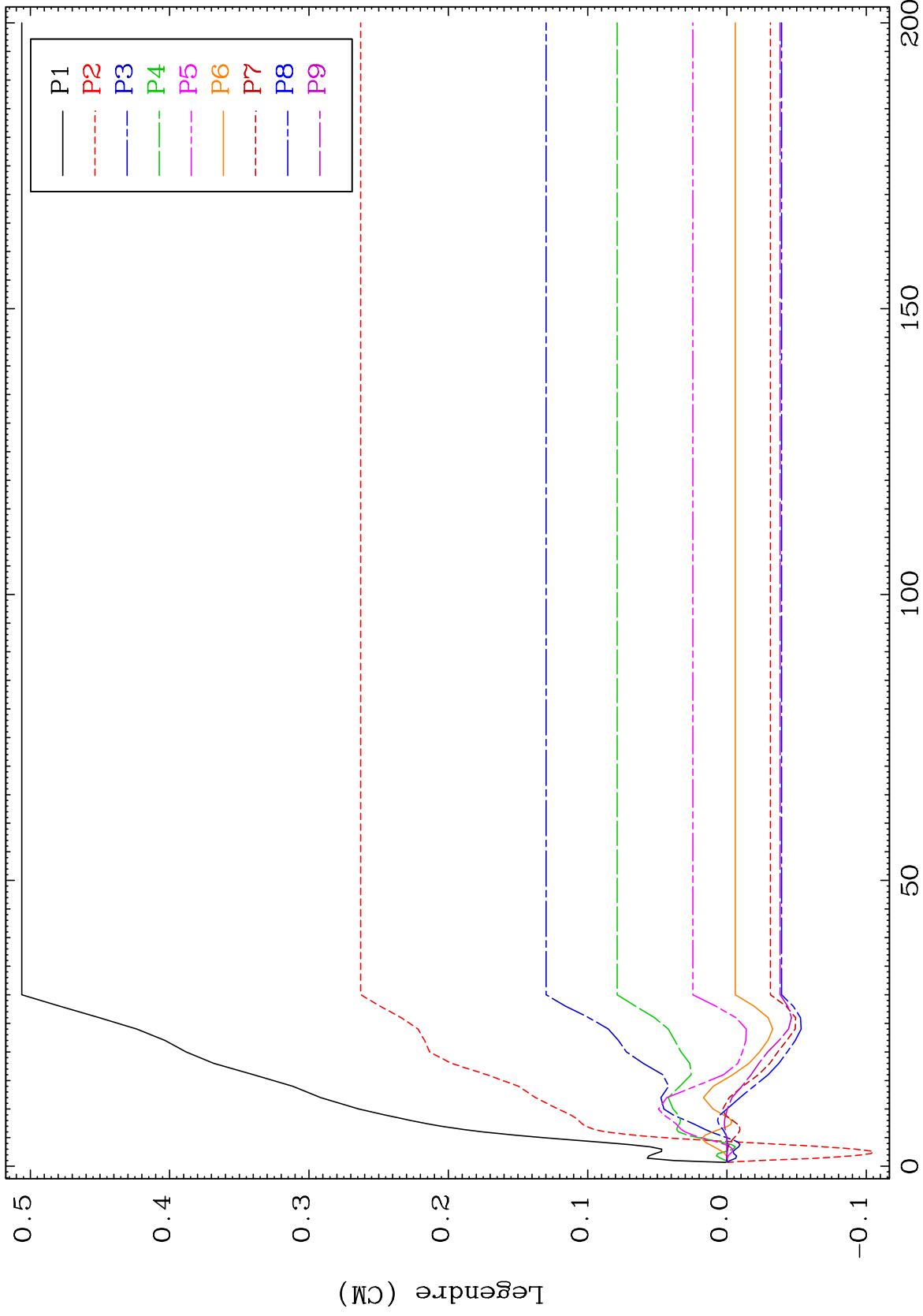




MAT 3822

650.8 keV (n,n') Level
Legendre Coefficients

38-Sr-83



38-Sr-83

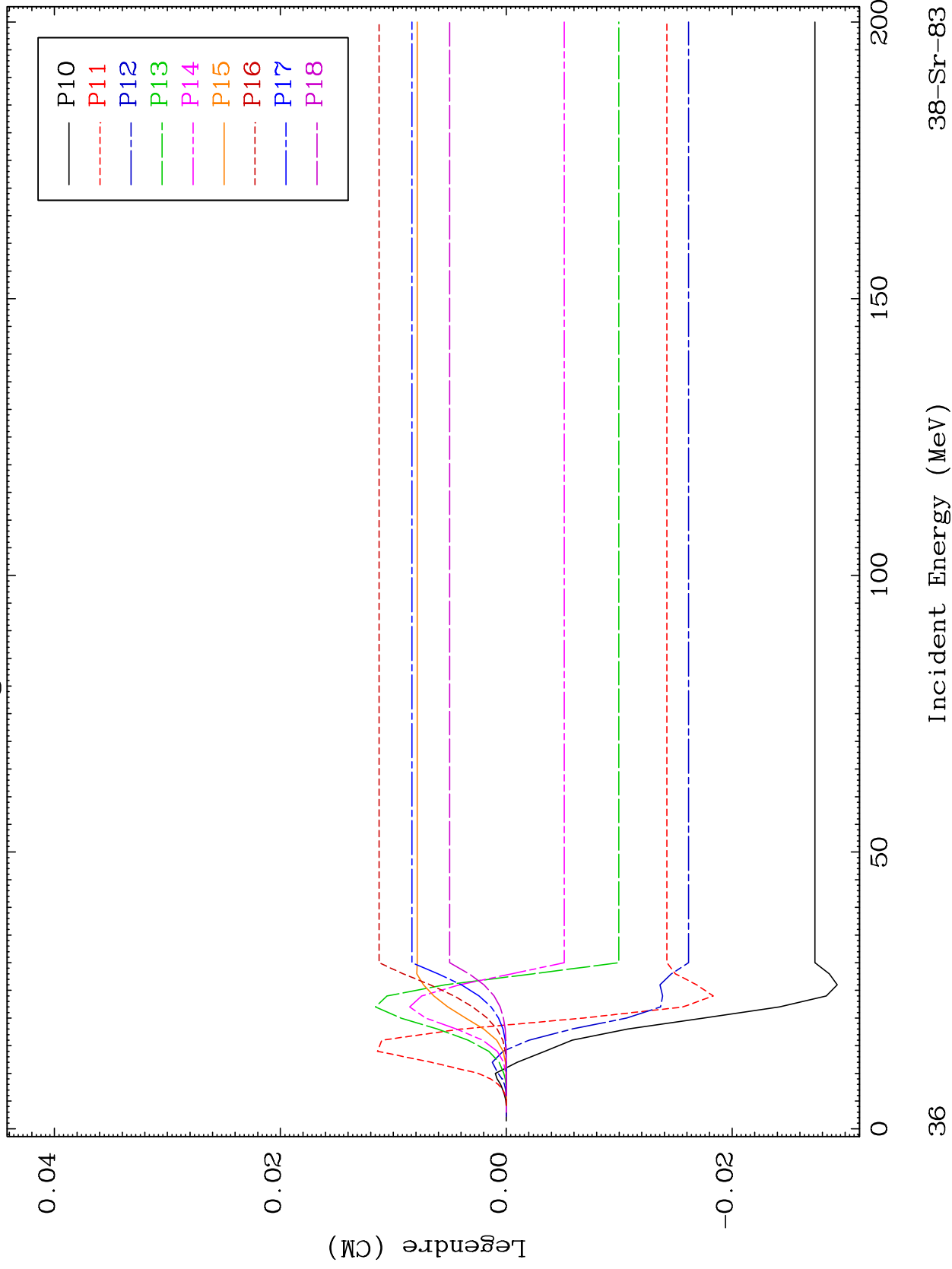
Incident Energy (MeV)

35

MAT 3822

650.8 keV (n,n') Level
Legendre Coefficients

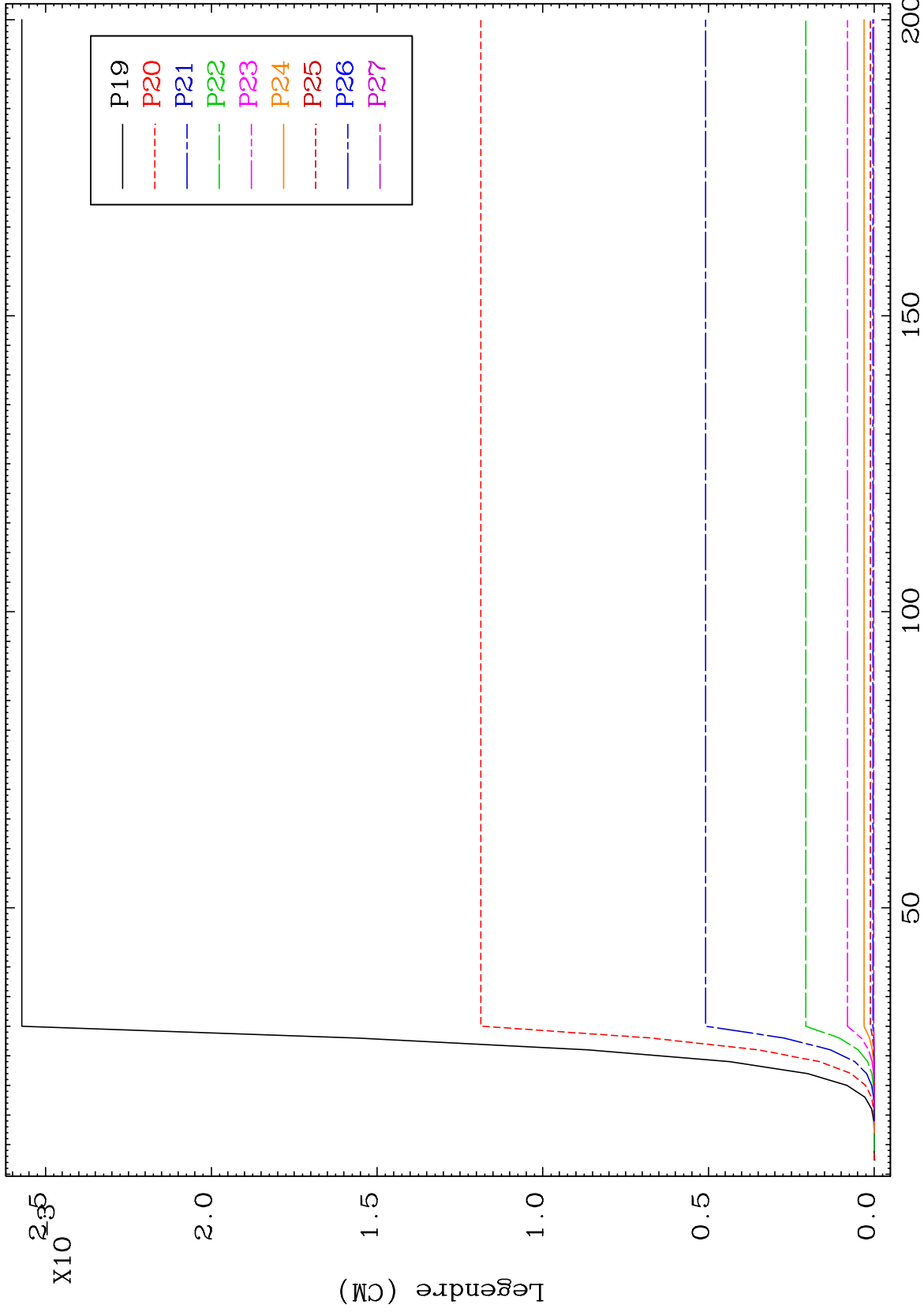
38-Sr-83



38-Sr-83

Incident Energy (MeV)

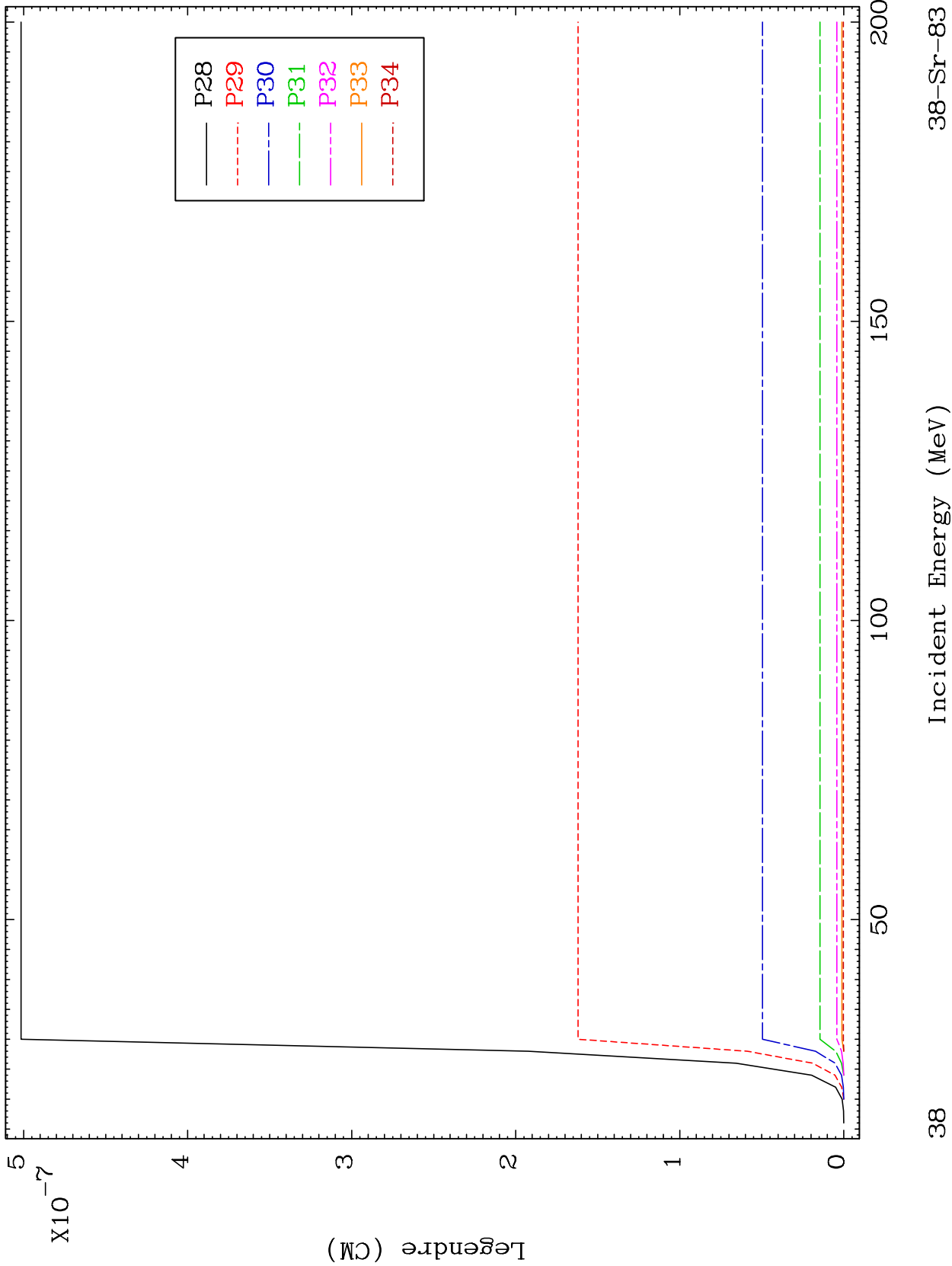
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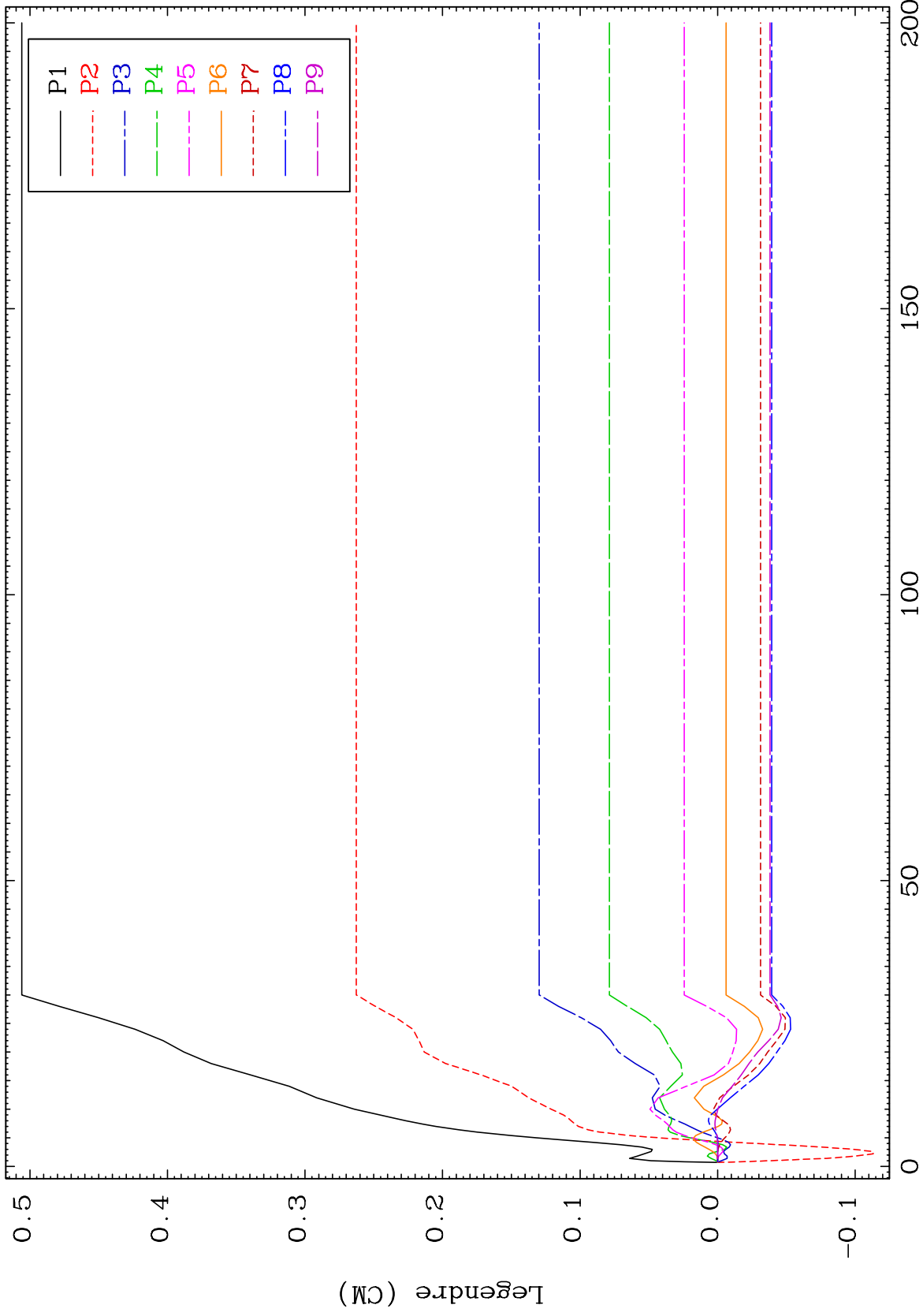


MAT 3822

650.8 keV (n,n') Level
Legendre Coefficients

38-Sr-83

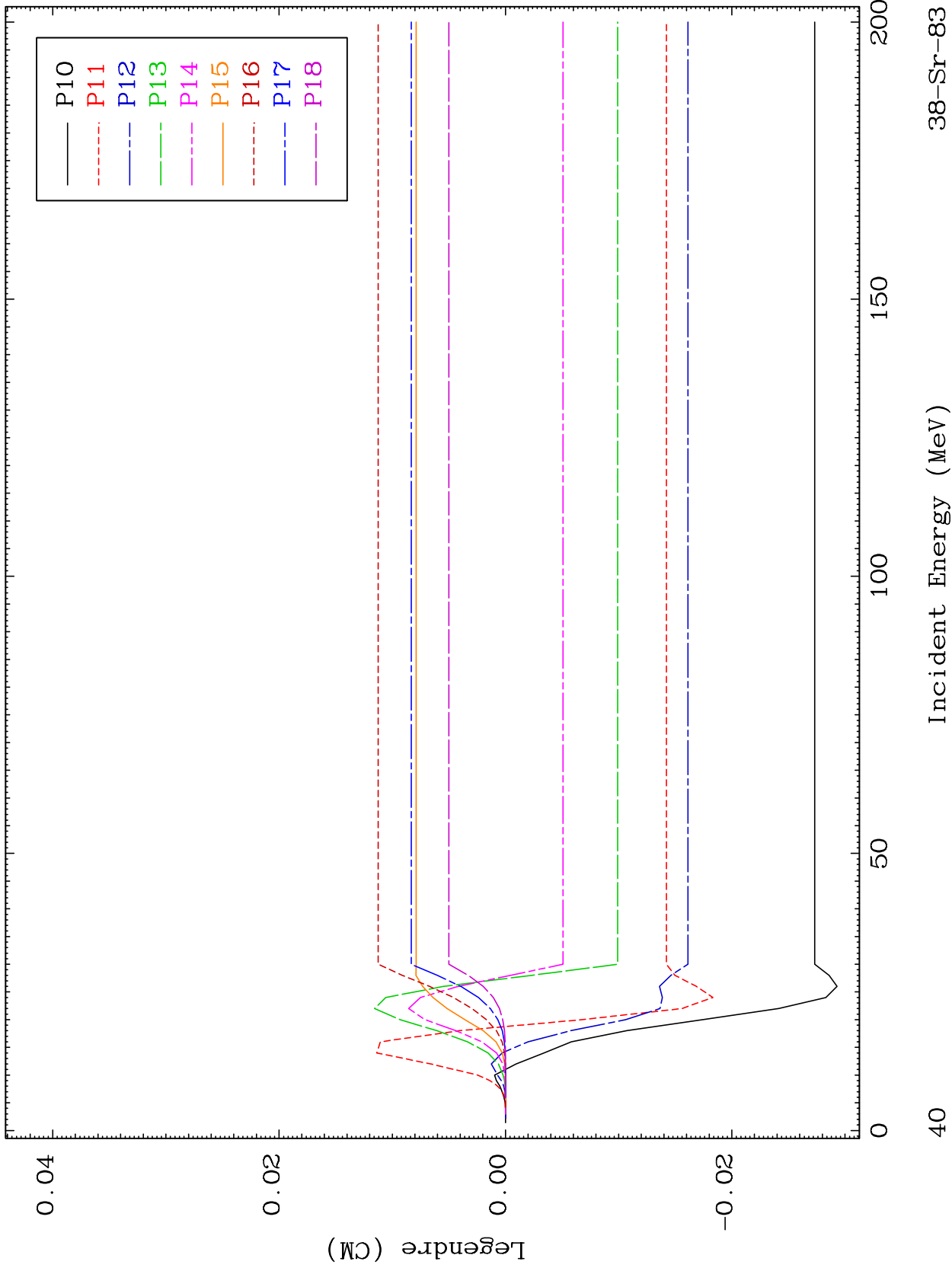




MAT 3822

681.1 keV (n,n') Level
Legendre Coefficients

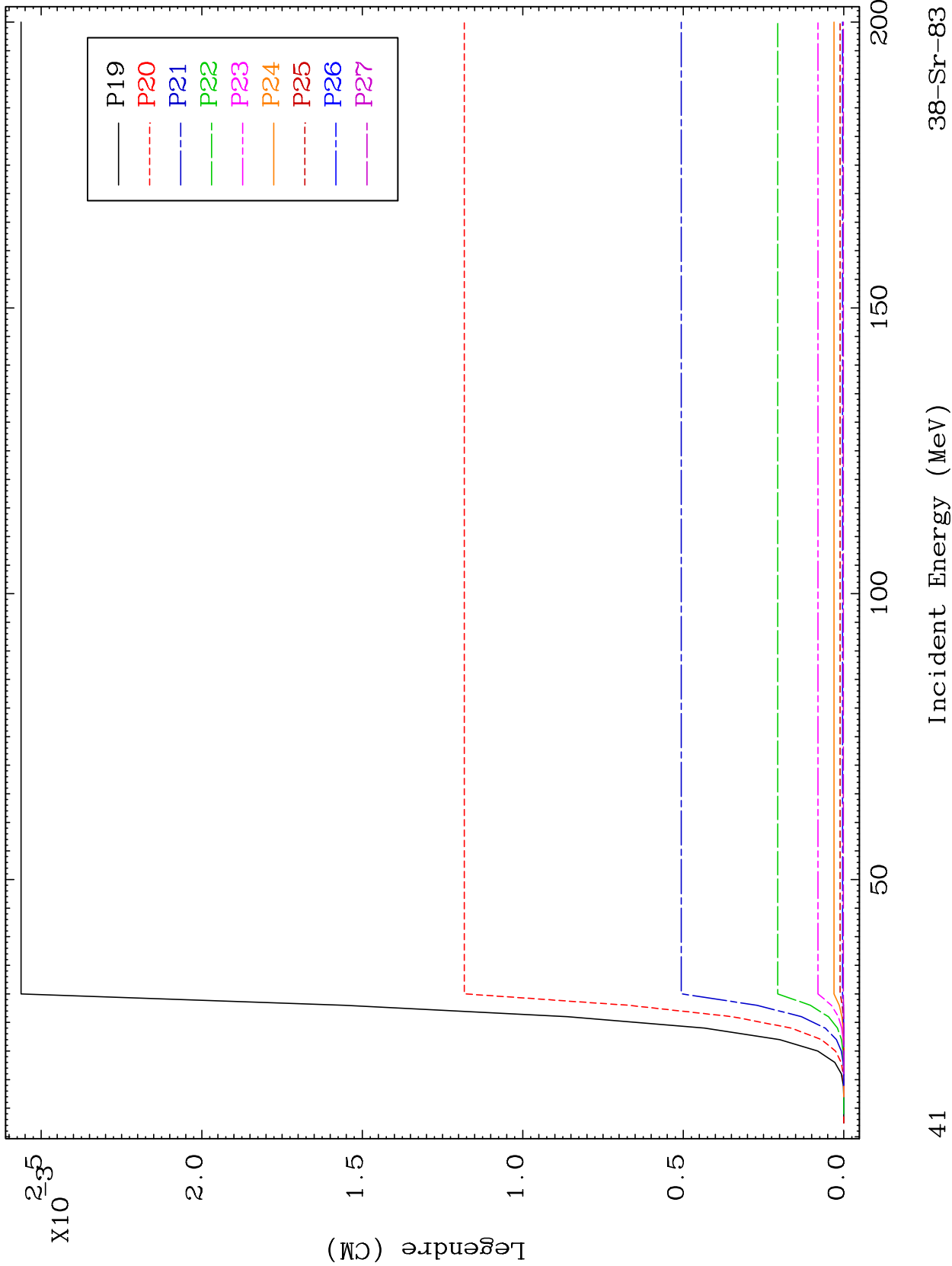
38-Sr-83



38-Sr-83

Incident Energy (MeV)

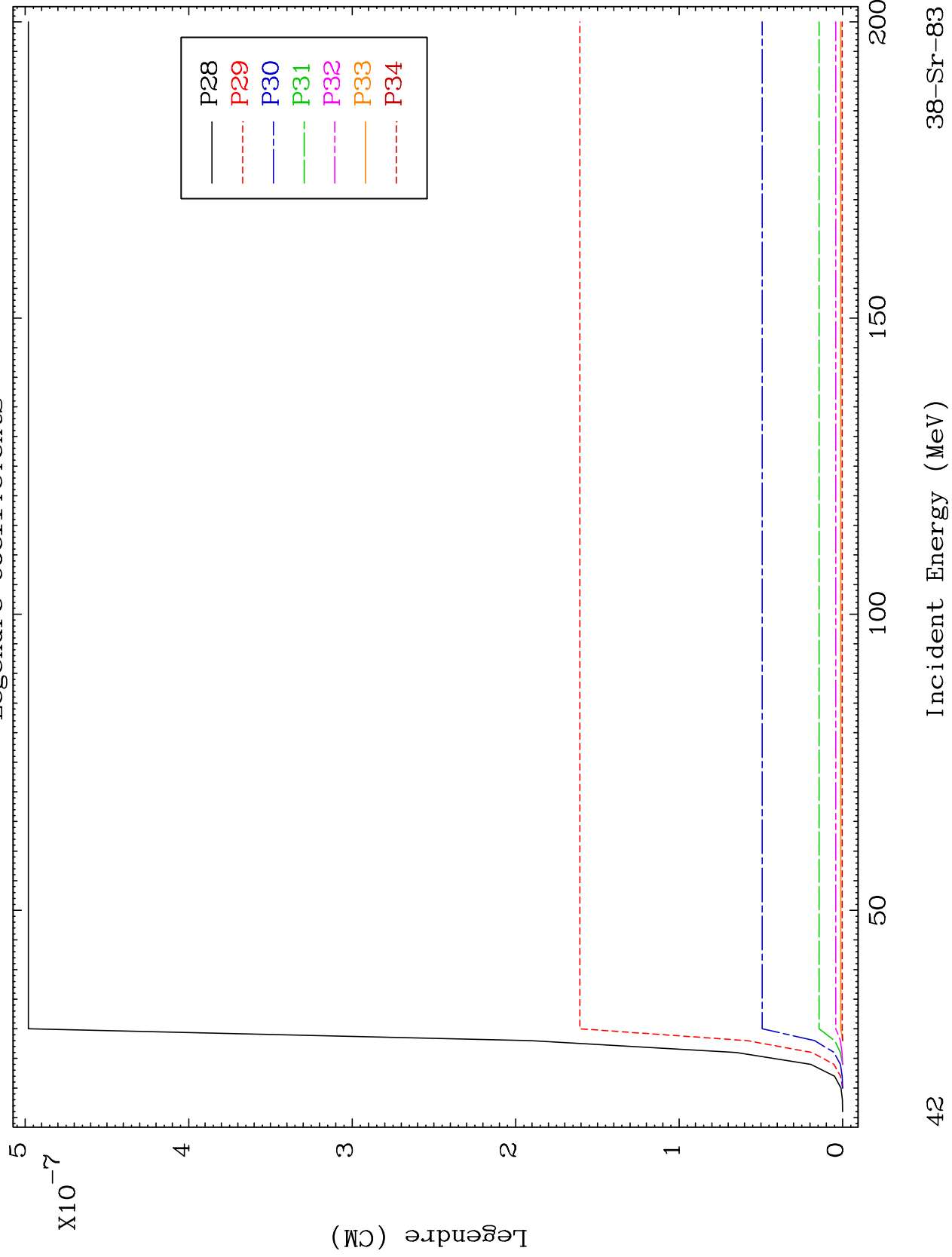
40



MAT 3822

681.1 keV (n,n') Level
Legendre Coefficients

38-Sr-83

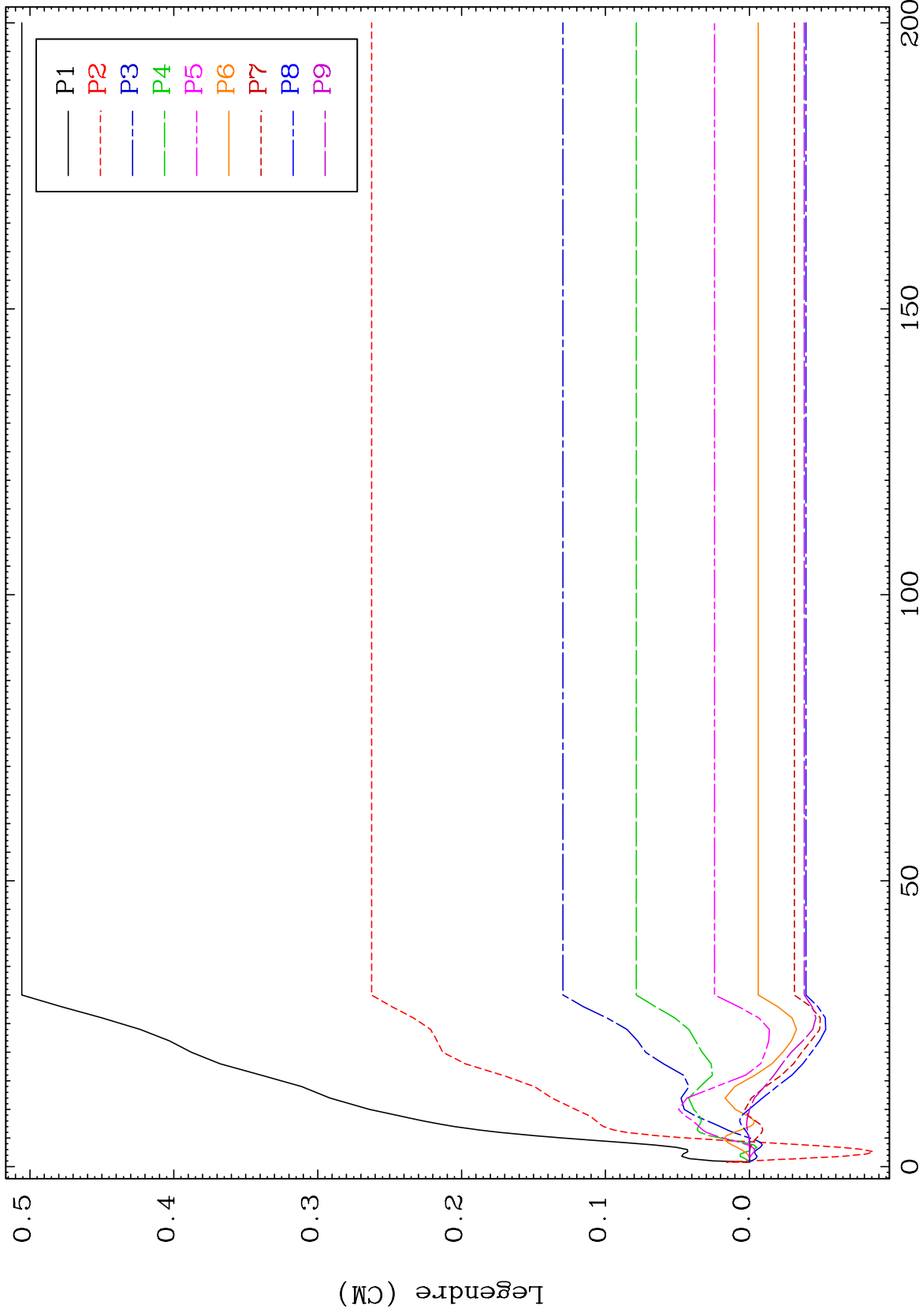


42

MAT 3822

717.5 keV (n,n') Level
Legendre Coefficients

38-Sr-83



38-Sr-83

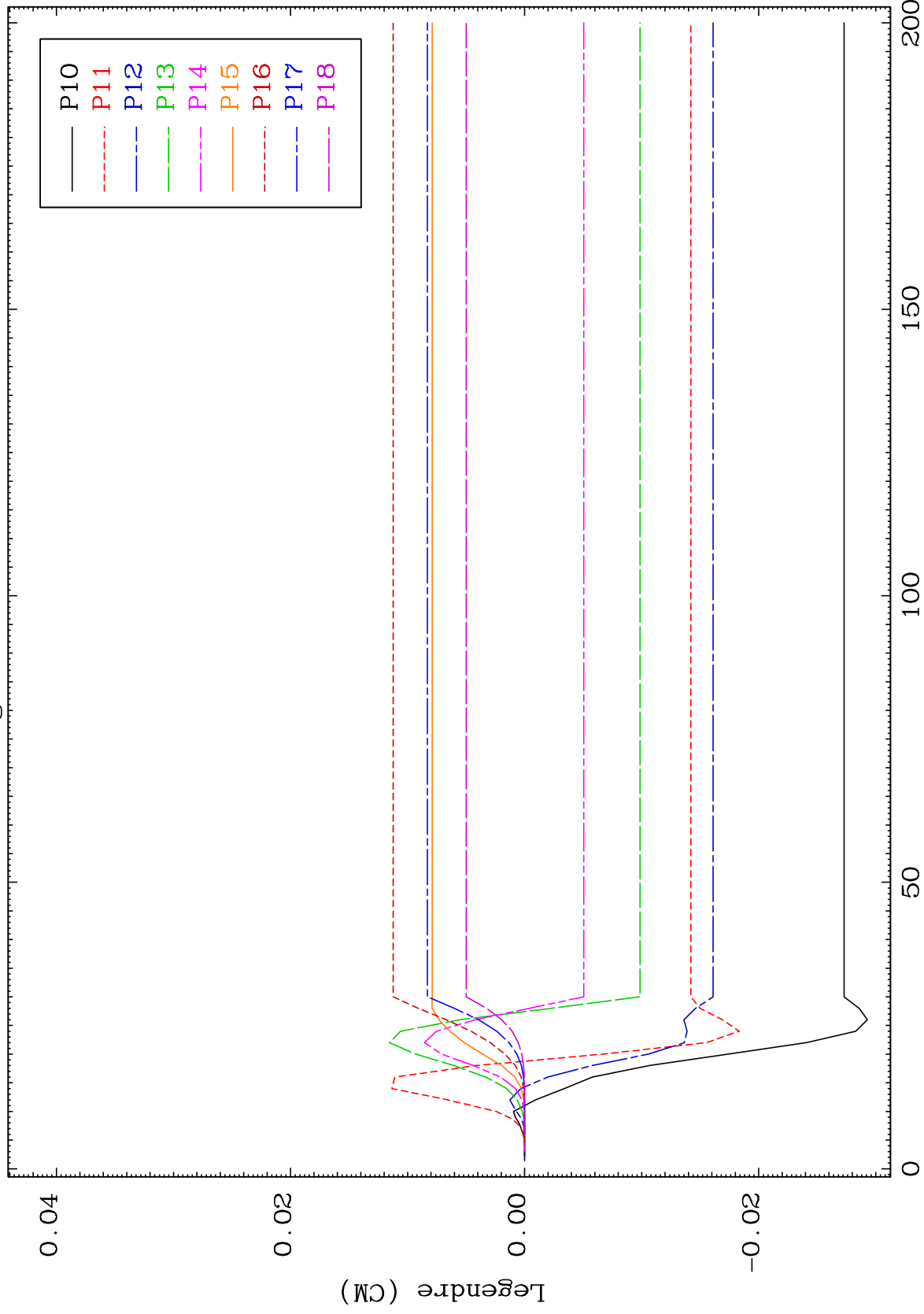
Incident Energy (MeV)

43

MAT 3822

717.5 keV (n,n') Level
Legendre Coefficients

38-Sr-83



44

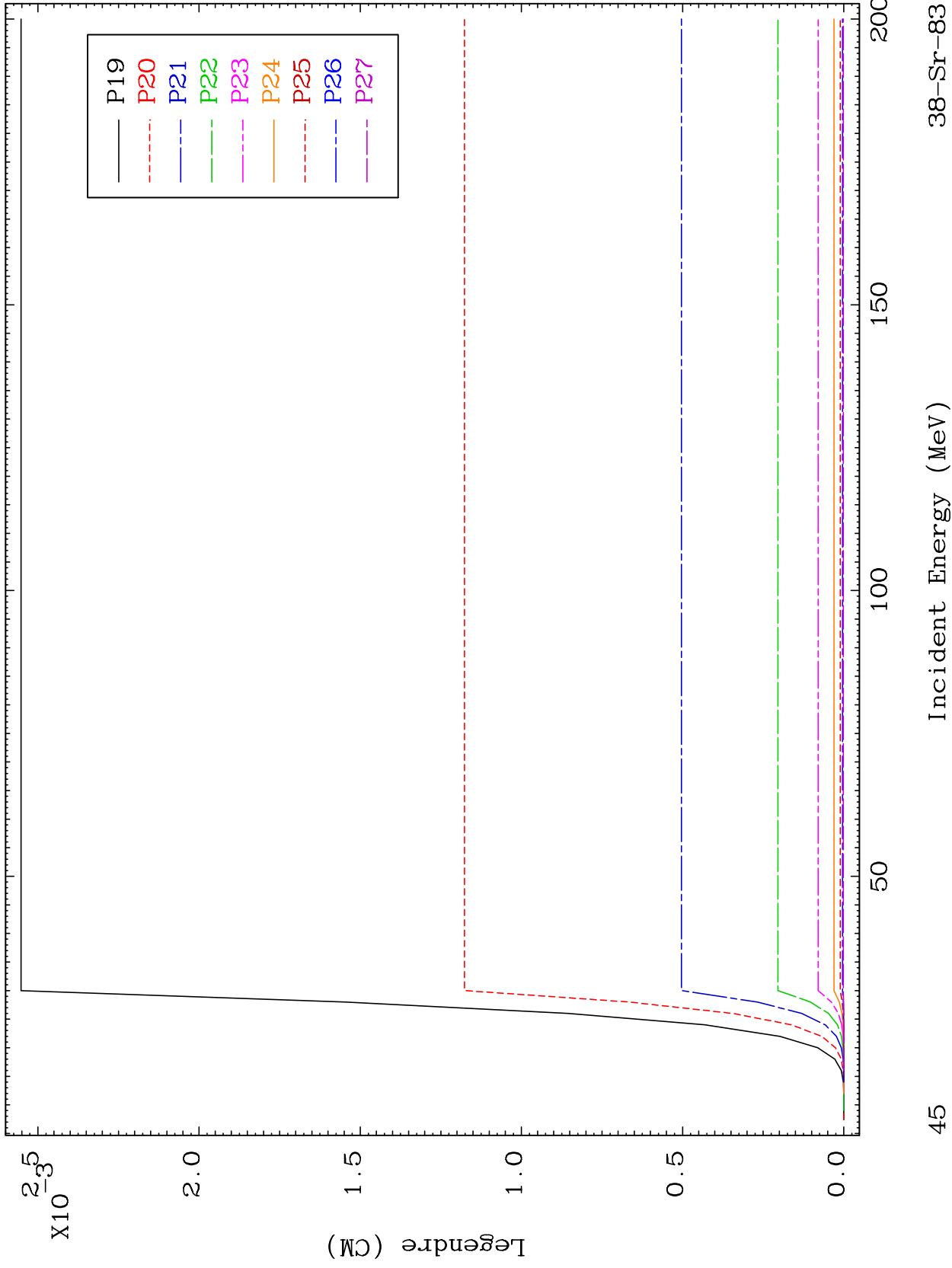
Incident Energy (MeV)

38-Sr-83

MAT 3822

717.5 keV (n,n') Level
Legendre Coefficients

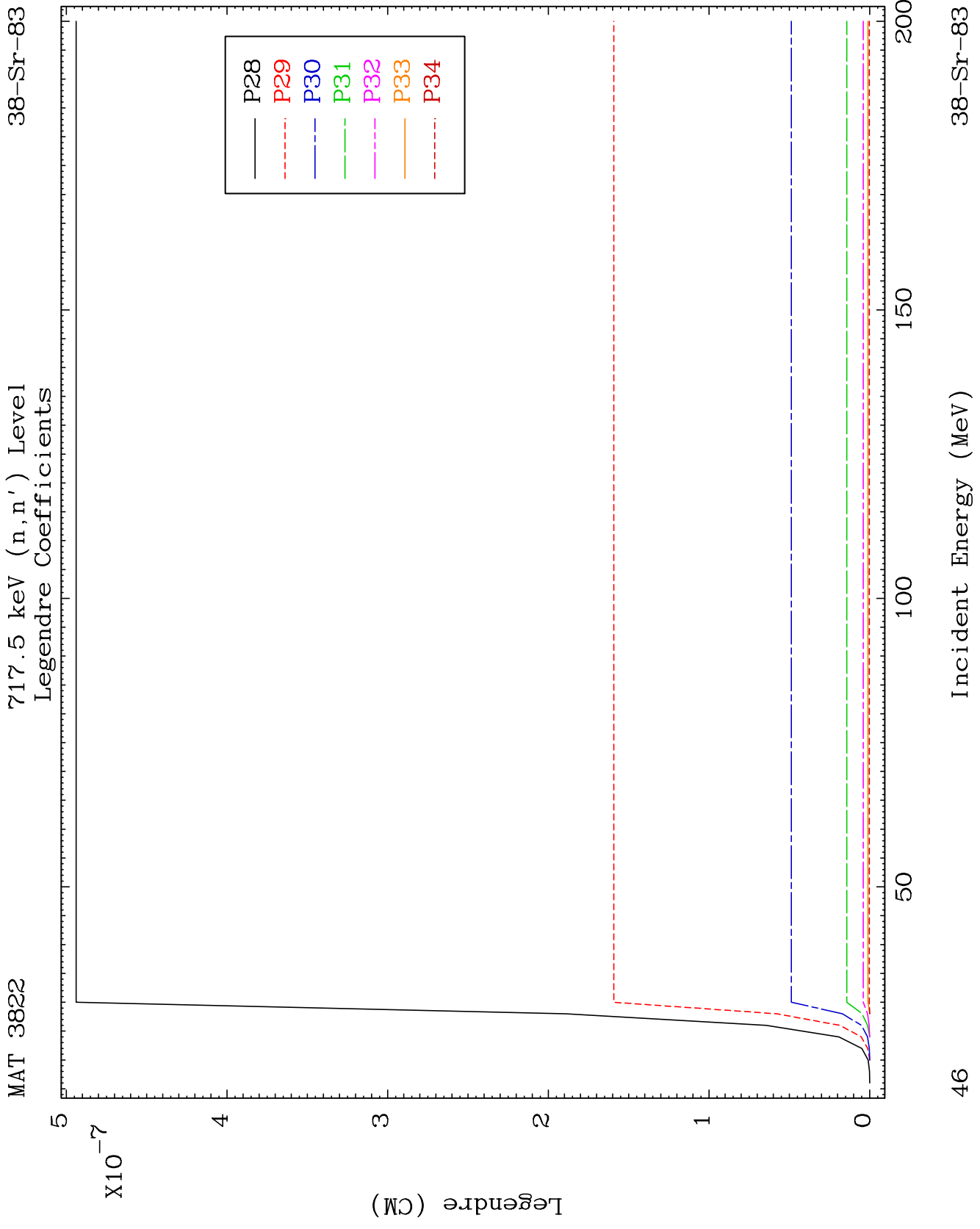
38-Sr-83



45

Incident Energy (MeV)

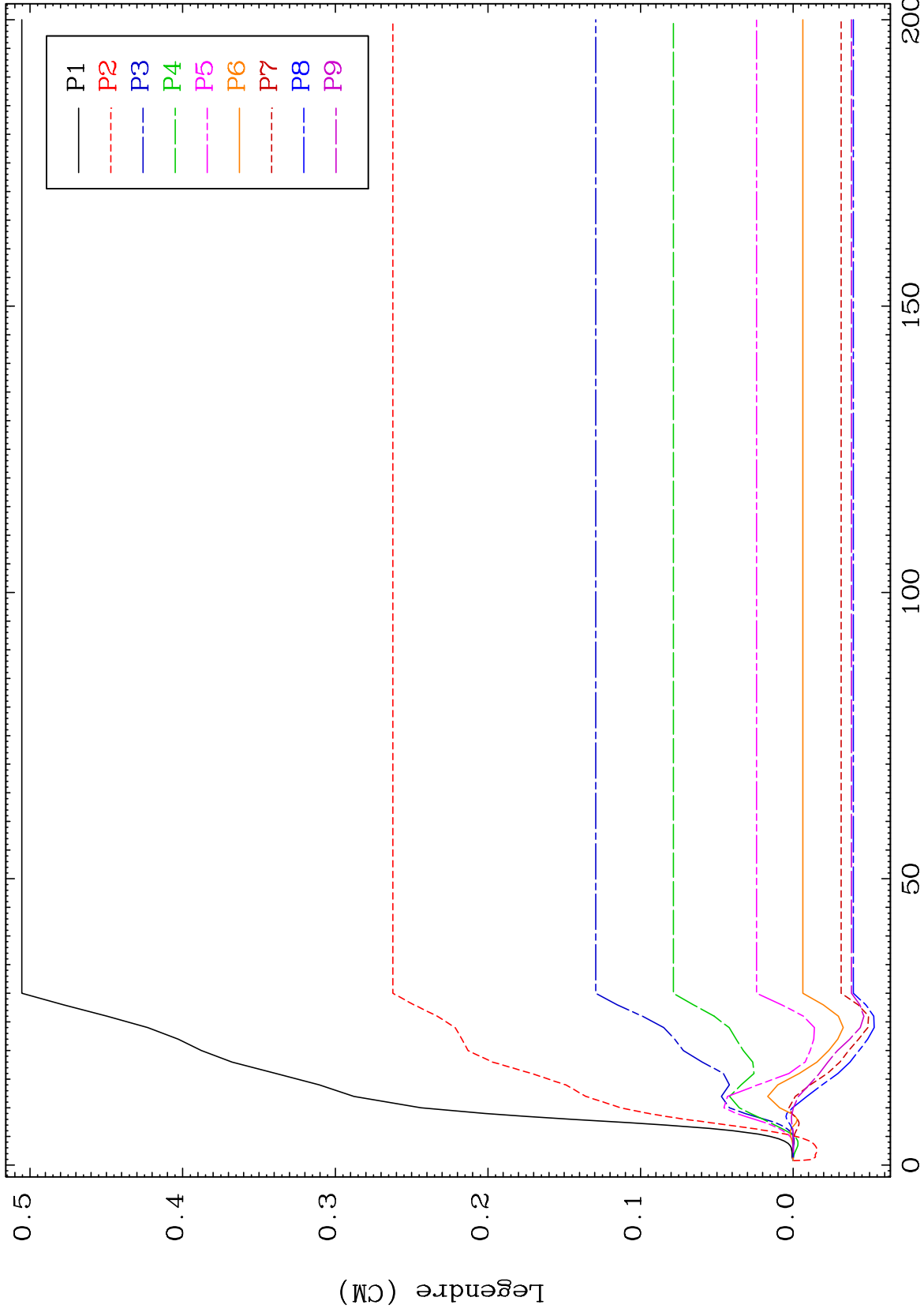
38-Sr-83



MAT 3822

753.7 keV (n,n') Level
Legendre Coefficients

38-Sr-83



47

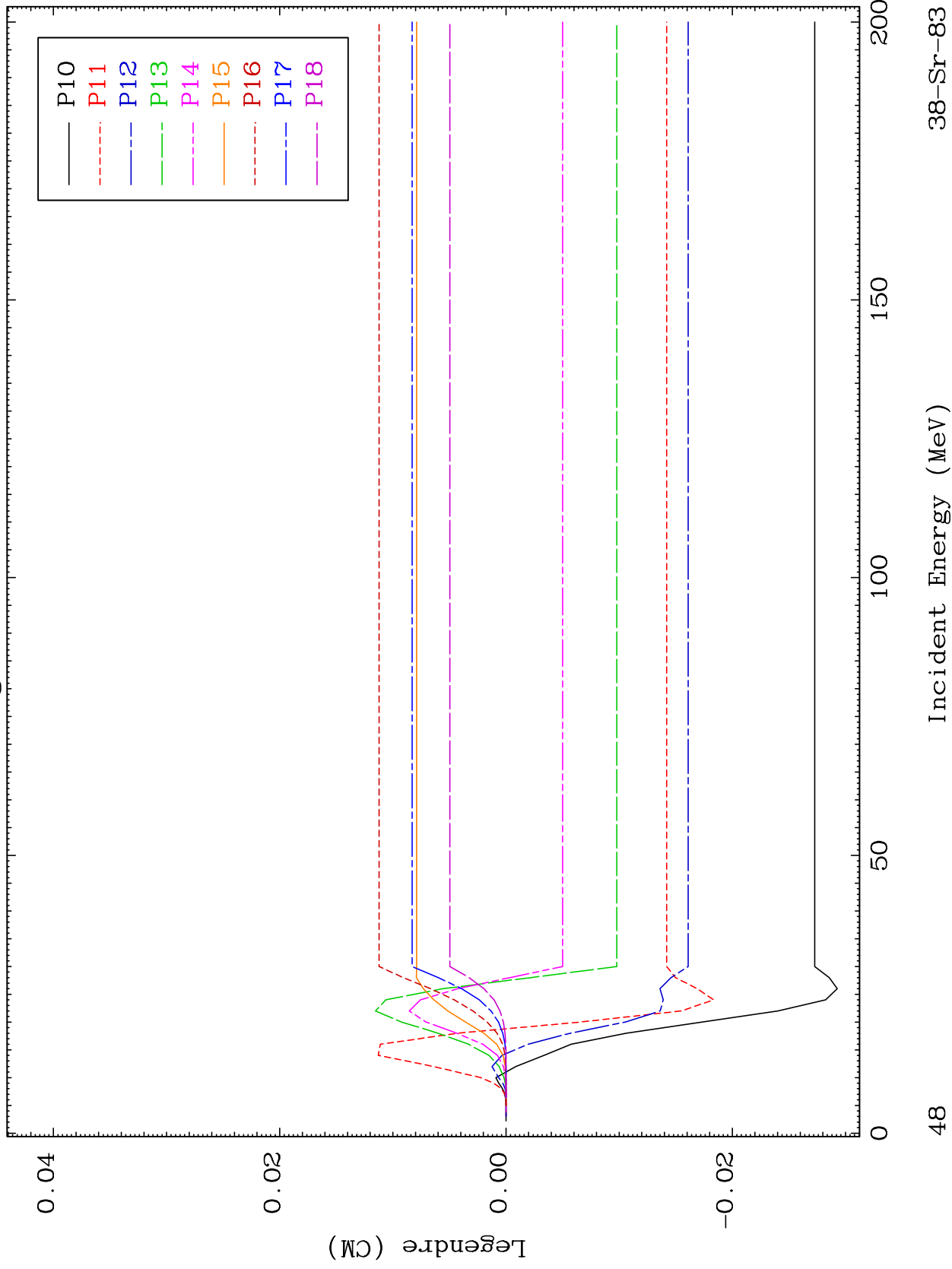
Incident Energy (MeV)

38-Sr-83

MAT 3822

753.7 keV (n,n') Level
Legendre Coefficients

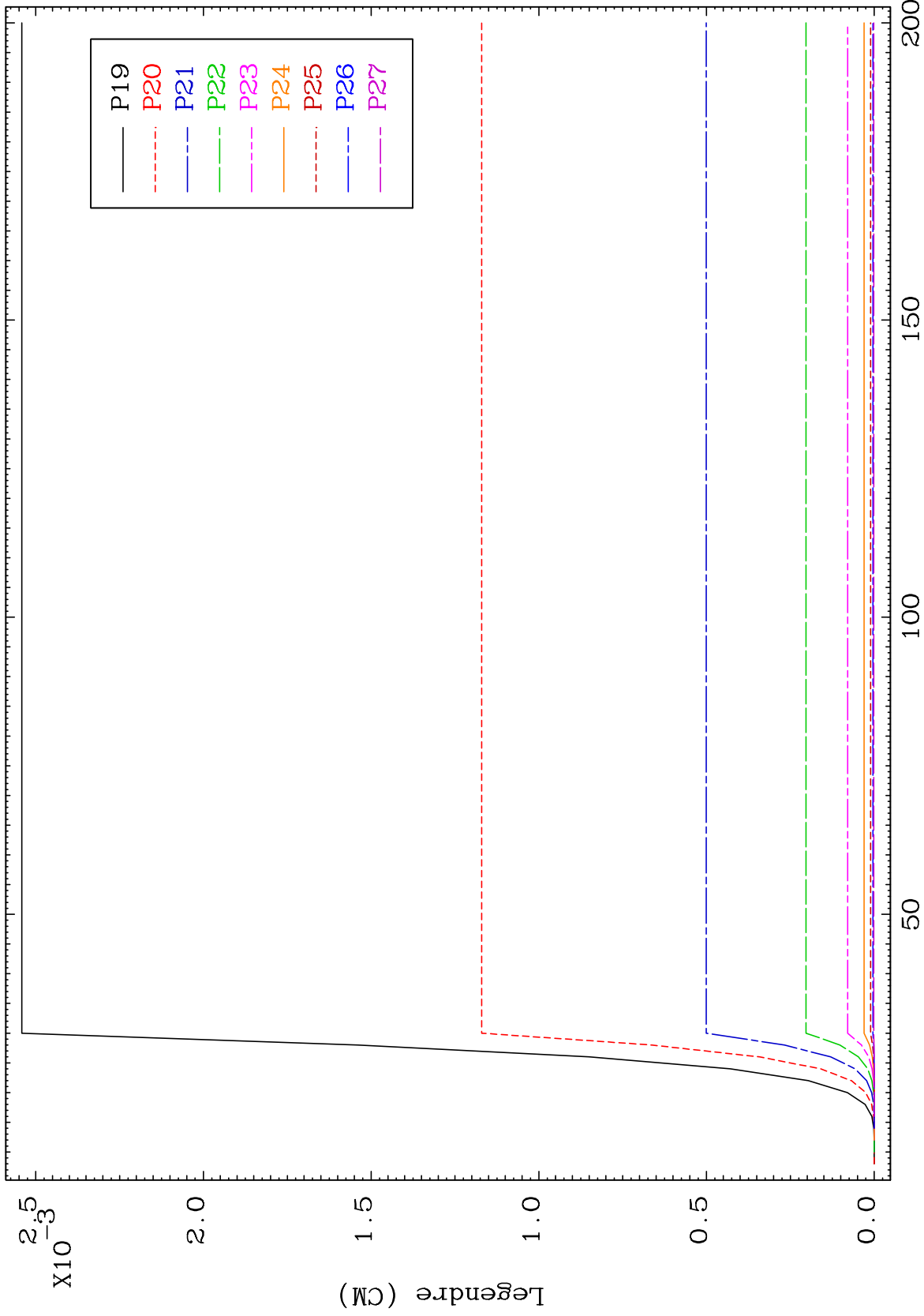
38-Sr-83



38-Sr-83

Incident Energy (MeV)

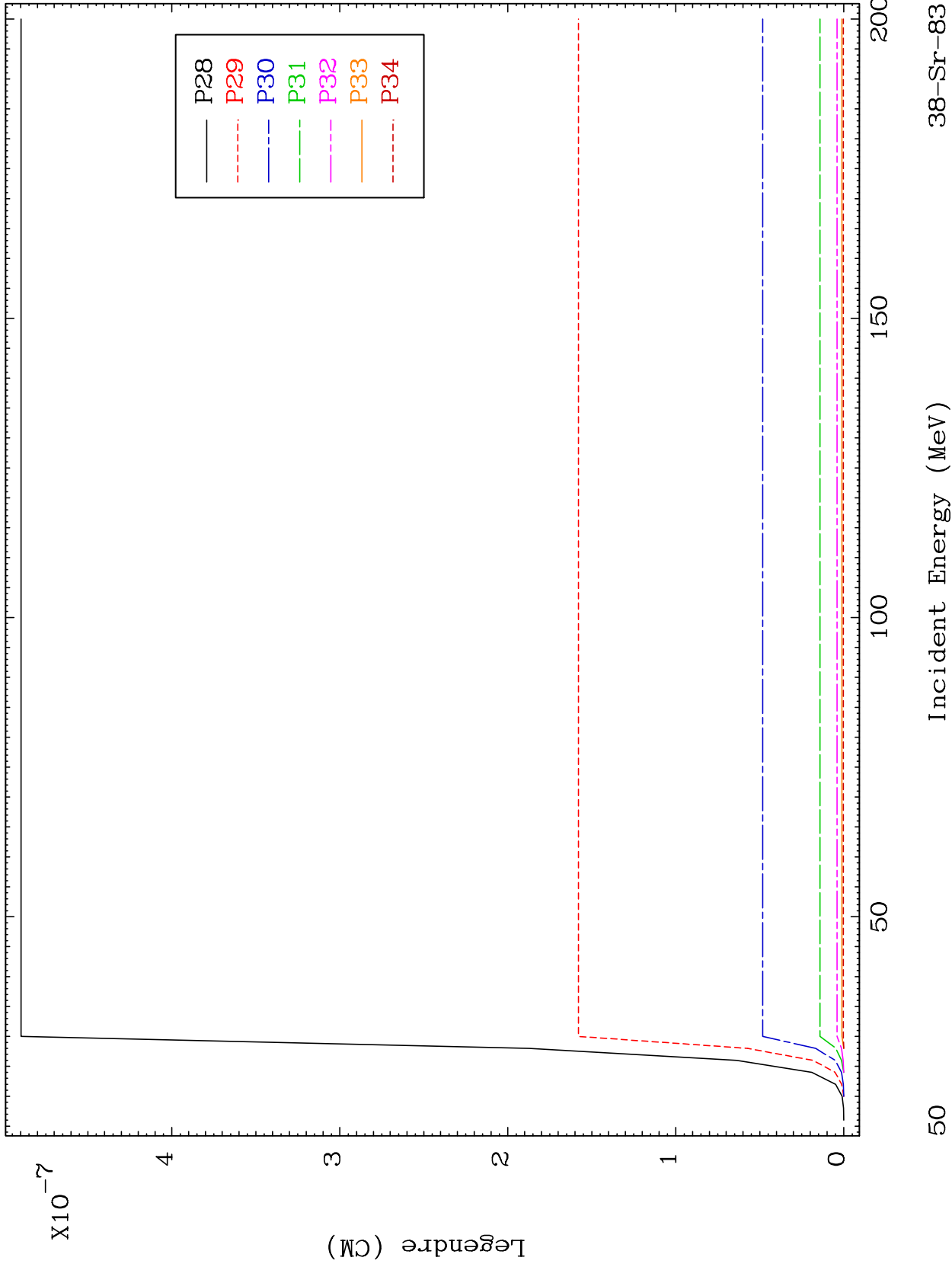
48



MAT 3822

753.7 keV (n,n') Level
Legendre Coefficients

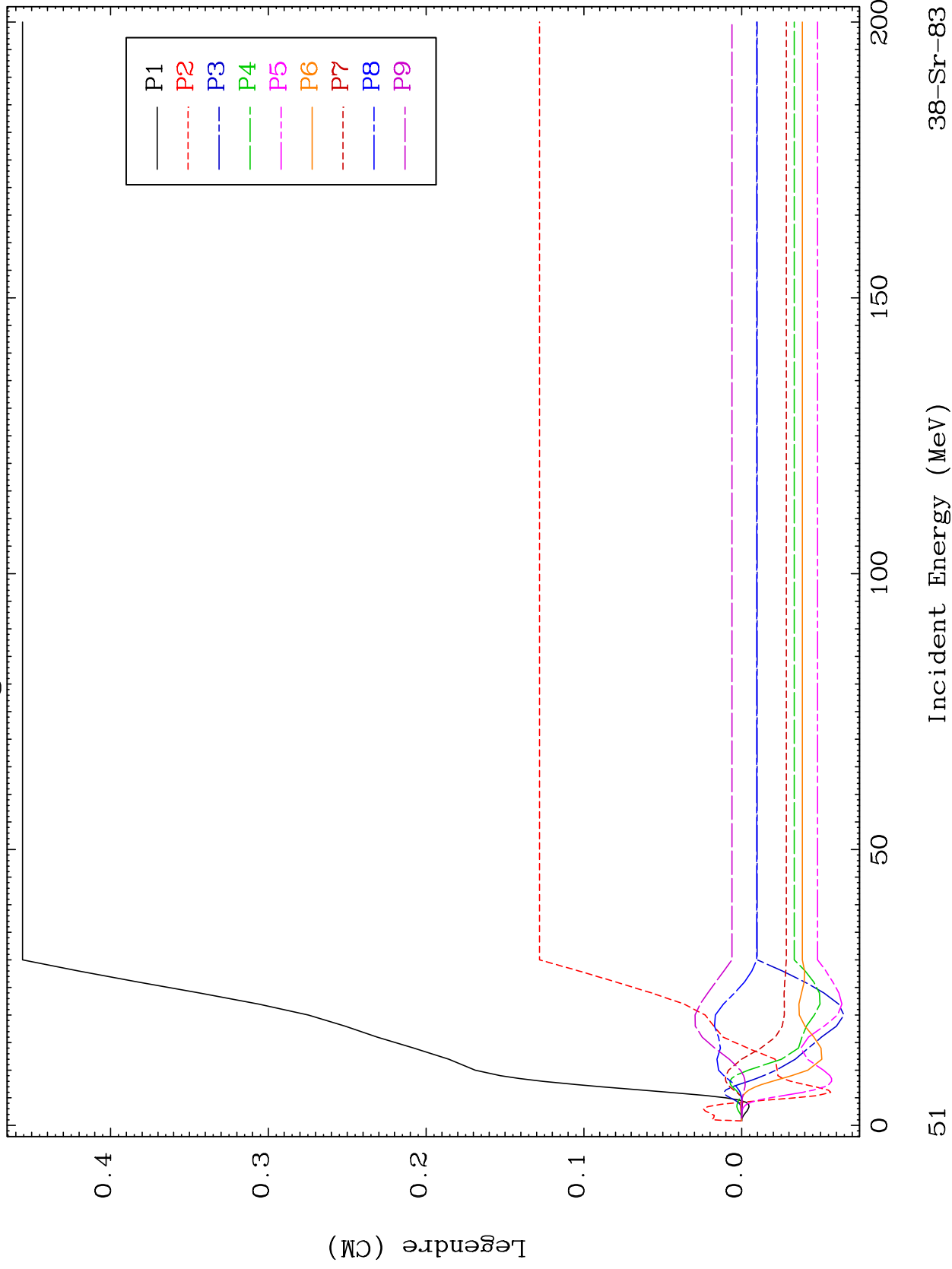
38-Sr-83



MAT 3822

790.8 keV (n,n') Level
Legendre Coefficients

38-Sr-83



38-Sr-83

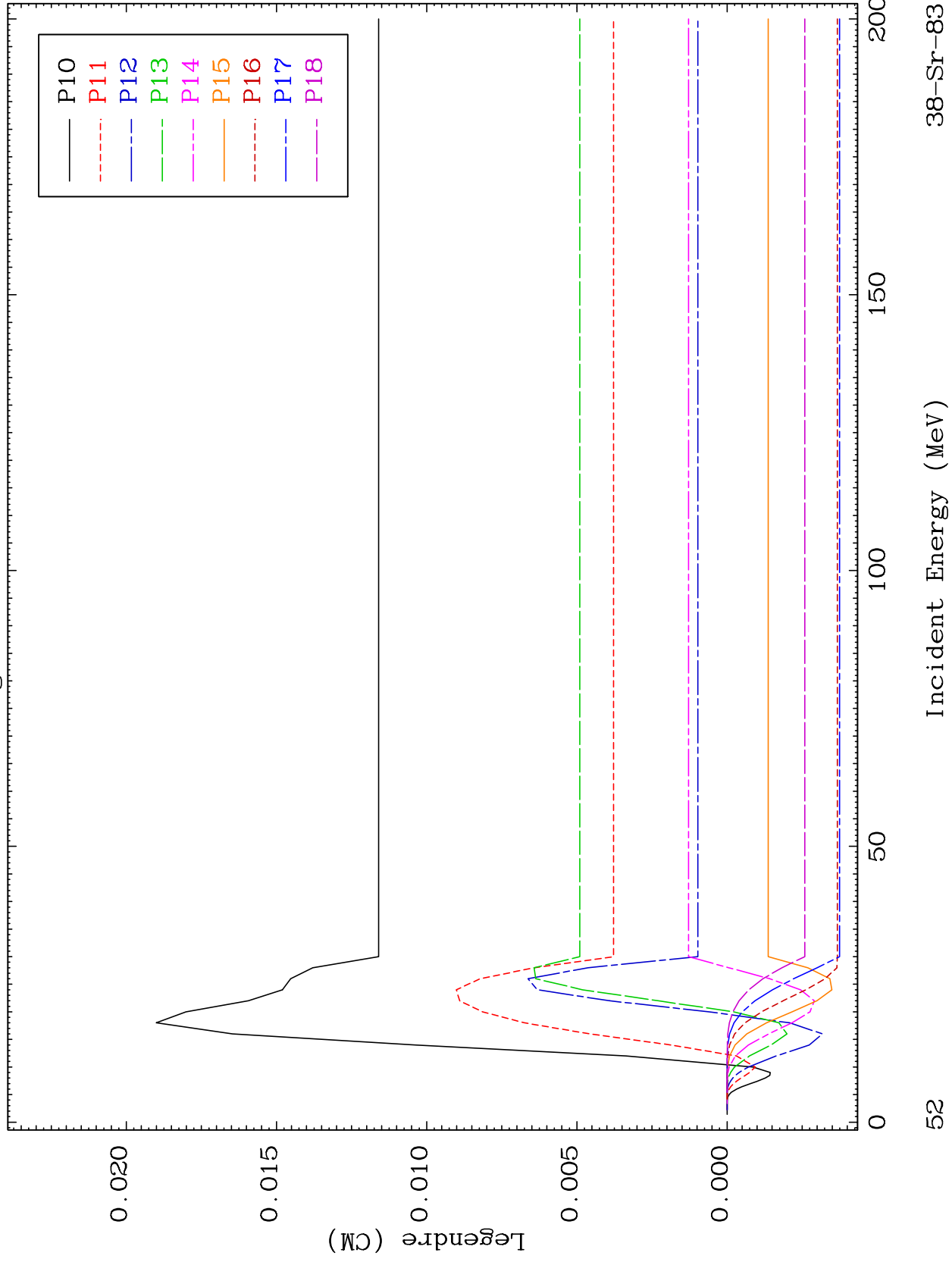
Incident Energy (MeV)

51

MAT 3822

790.8 keV (n,n') Level
Legendre Coefficients

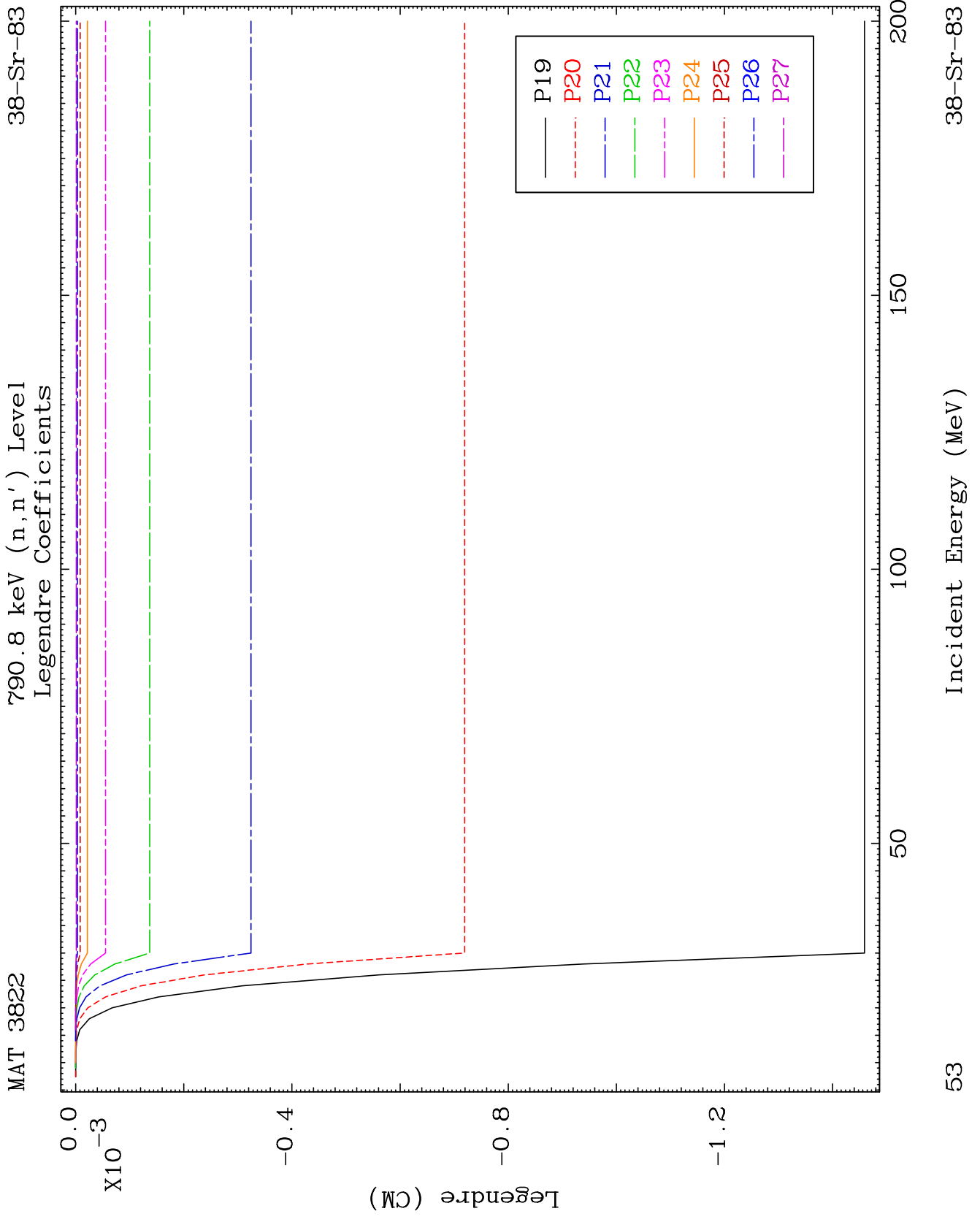
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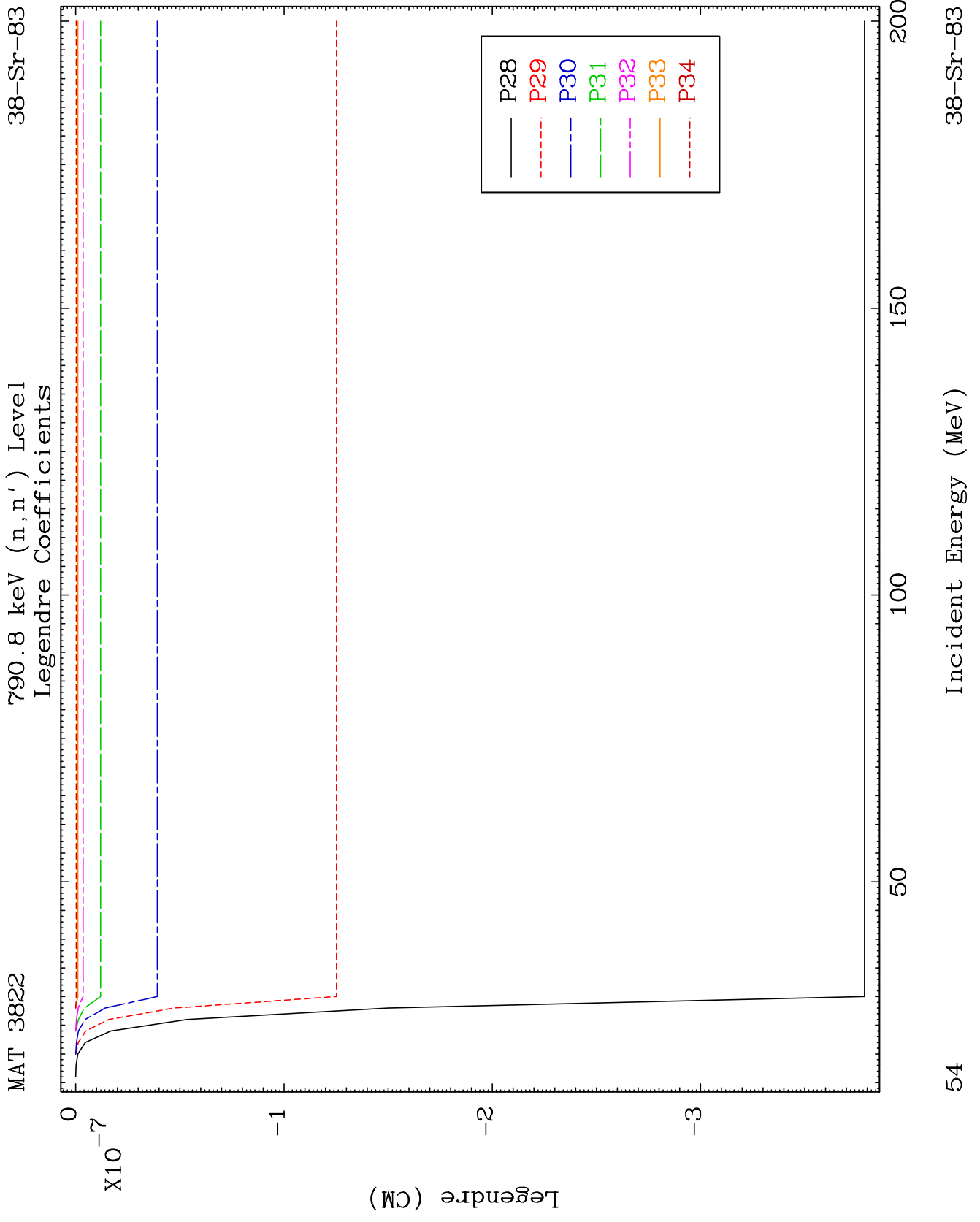


38-Sr-83

Incident Energy (MeV)

52

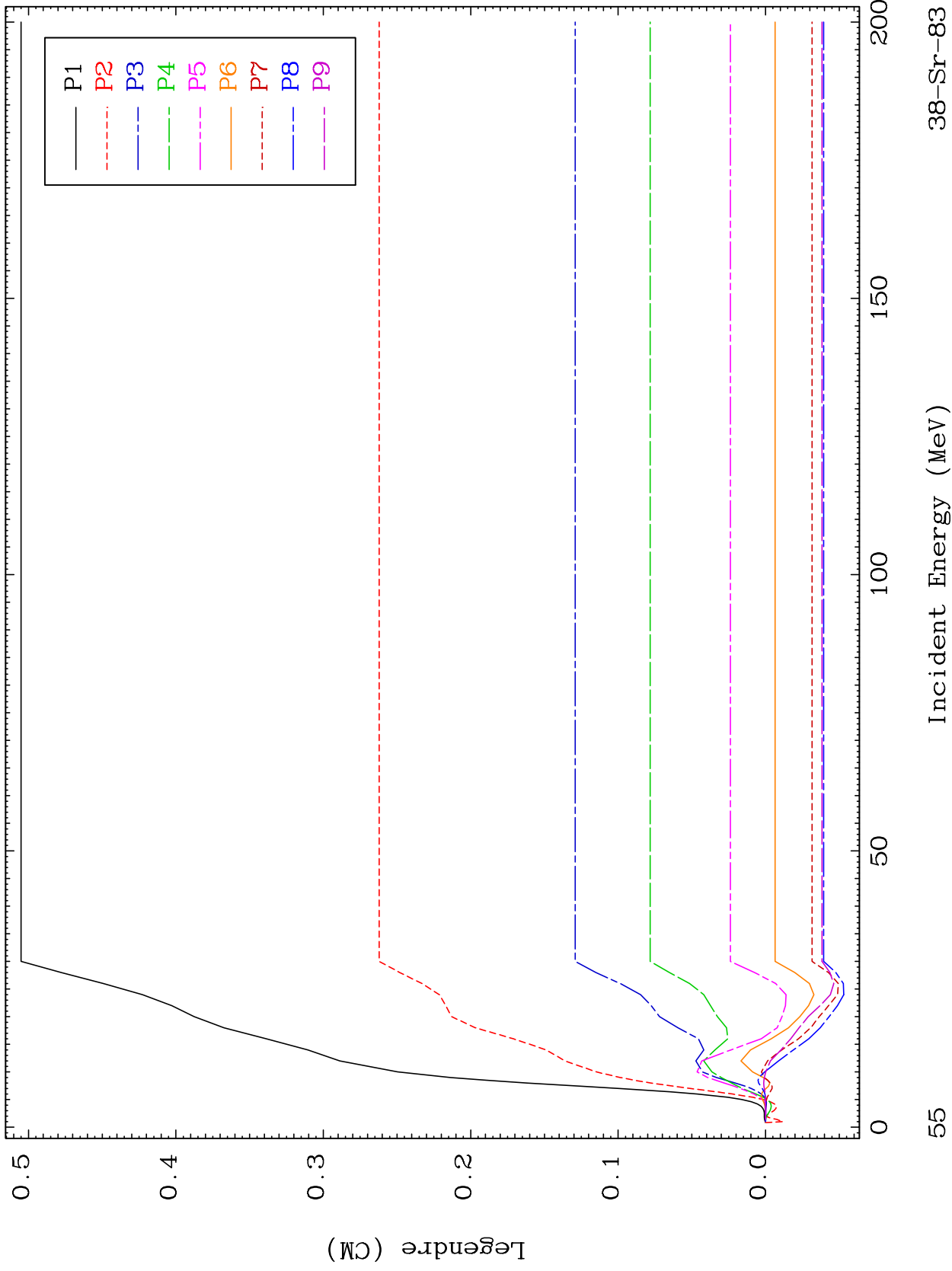




MAT 3822

800.4 keV (n,n') Level
Legendre Coefficients

38-Sr-83



38-Sr-83

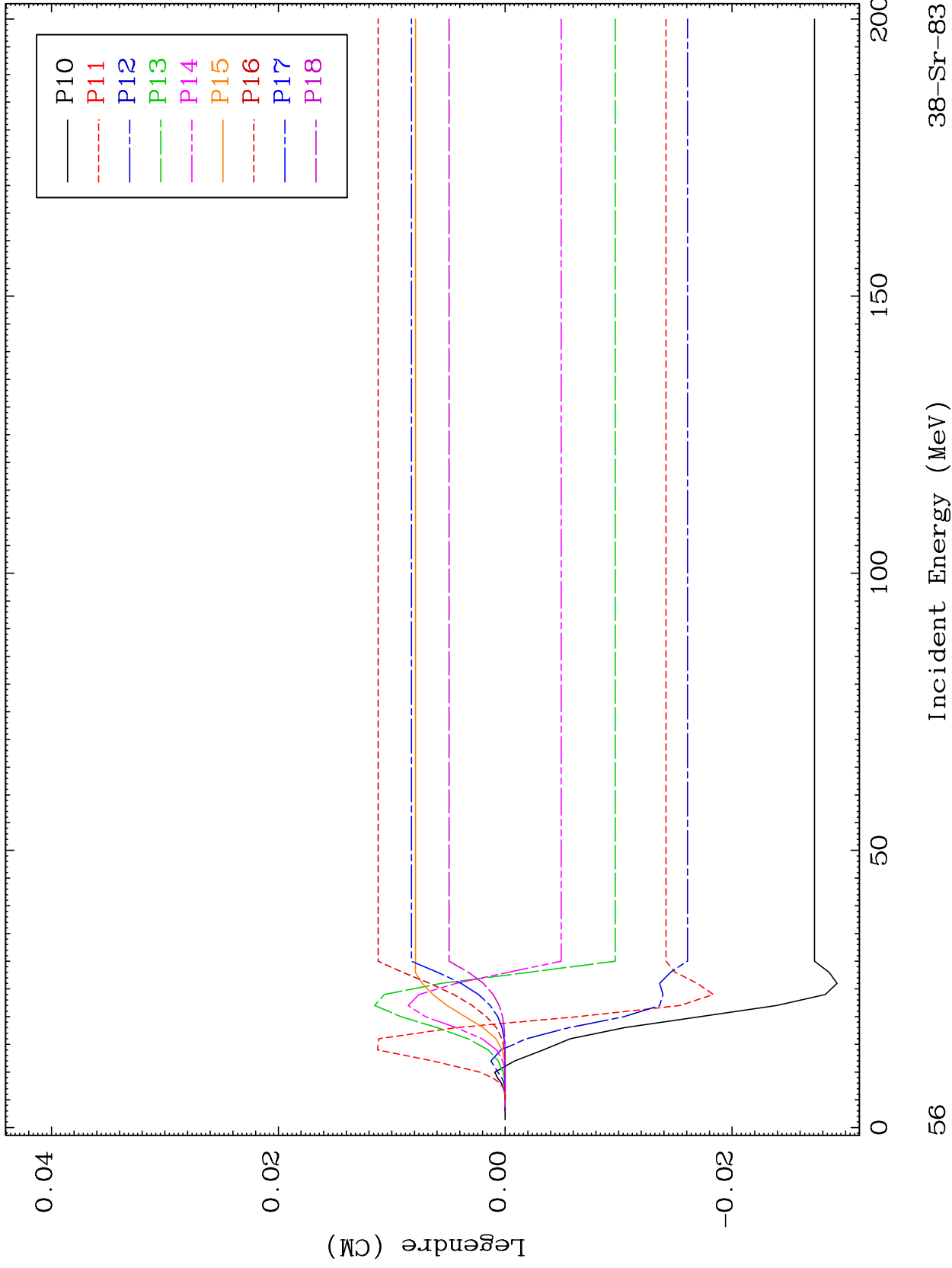
Incident Energy (MeV)

55

MAT 3822

800.4 keV (n,n') Level
Legendre Coefficients

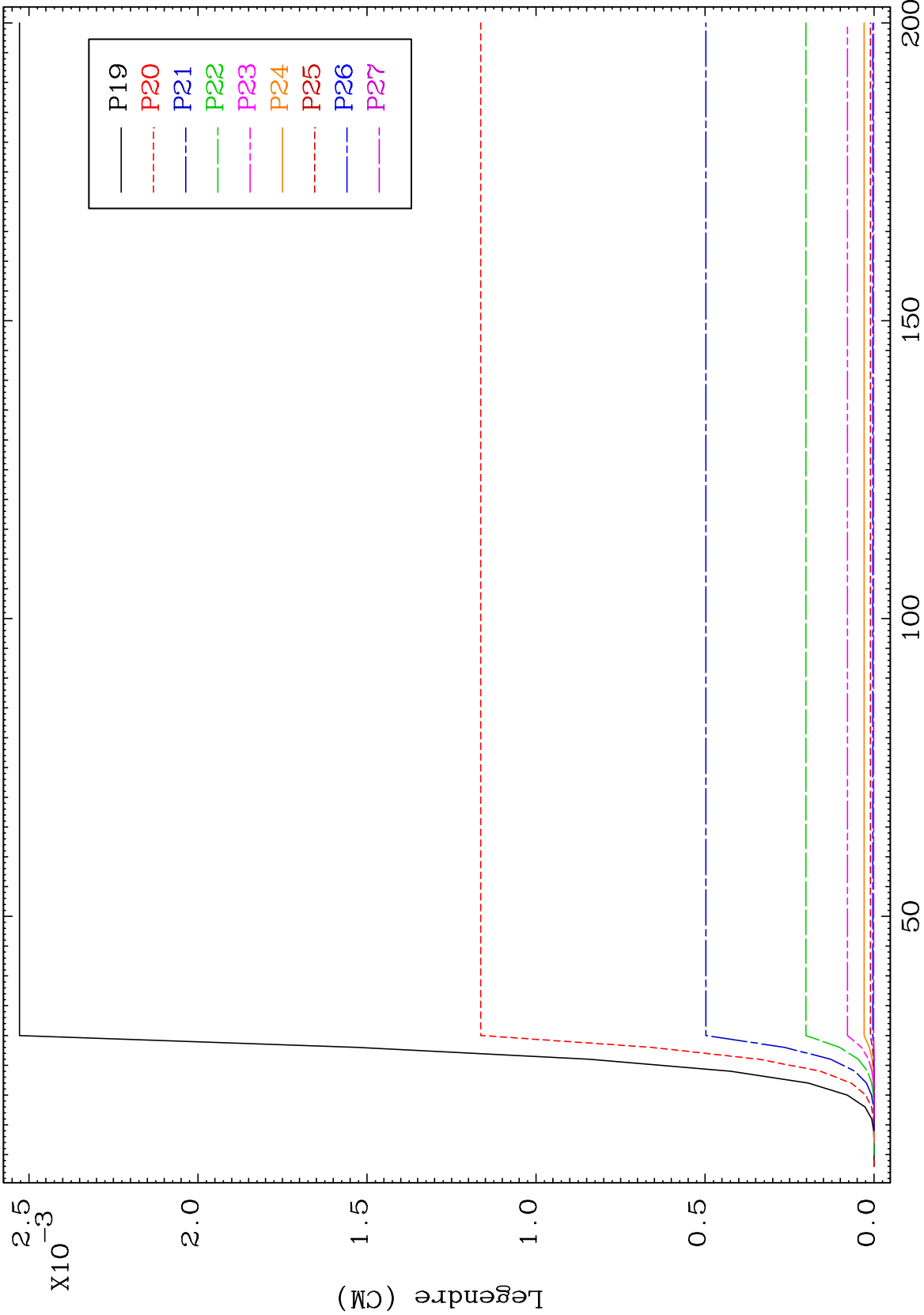
38-Sr-83



56

Incident Energy (MeV)

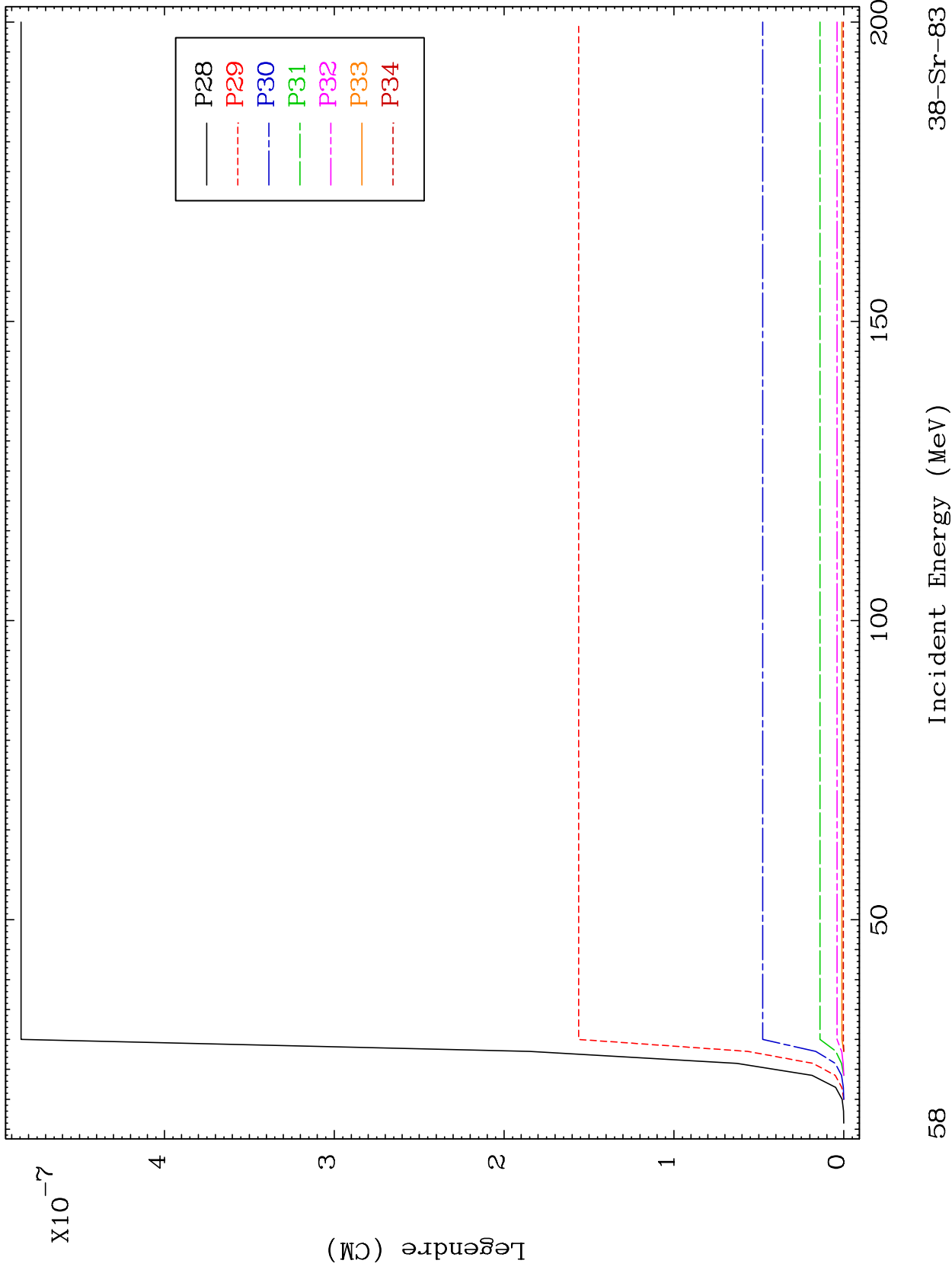
38-Sr-83



MAT 3822

800.4 keV (n,n') Level
Legendre Coefficients

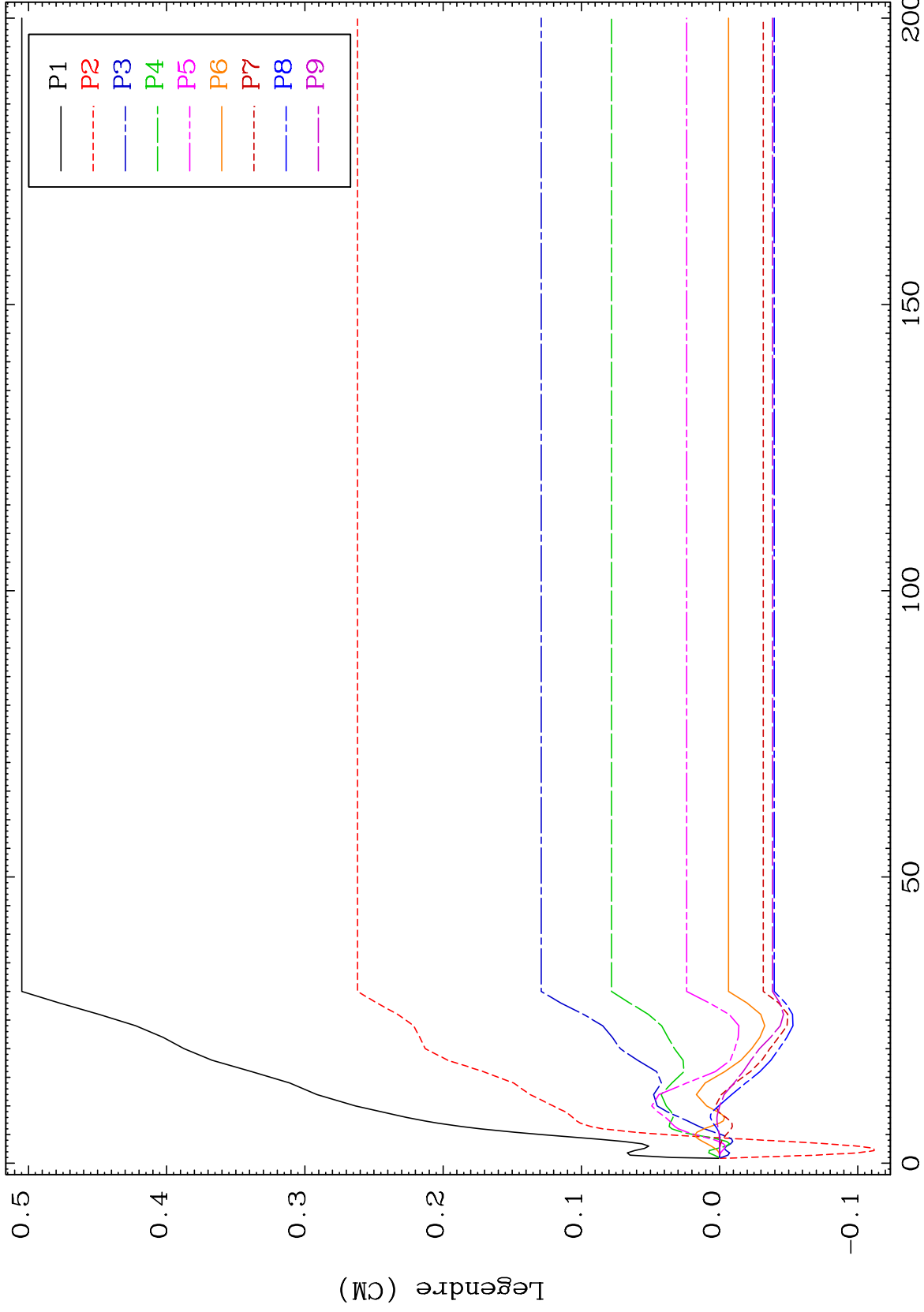
38-Sr-83



58

Incident Energy (MeV)

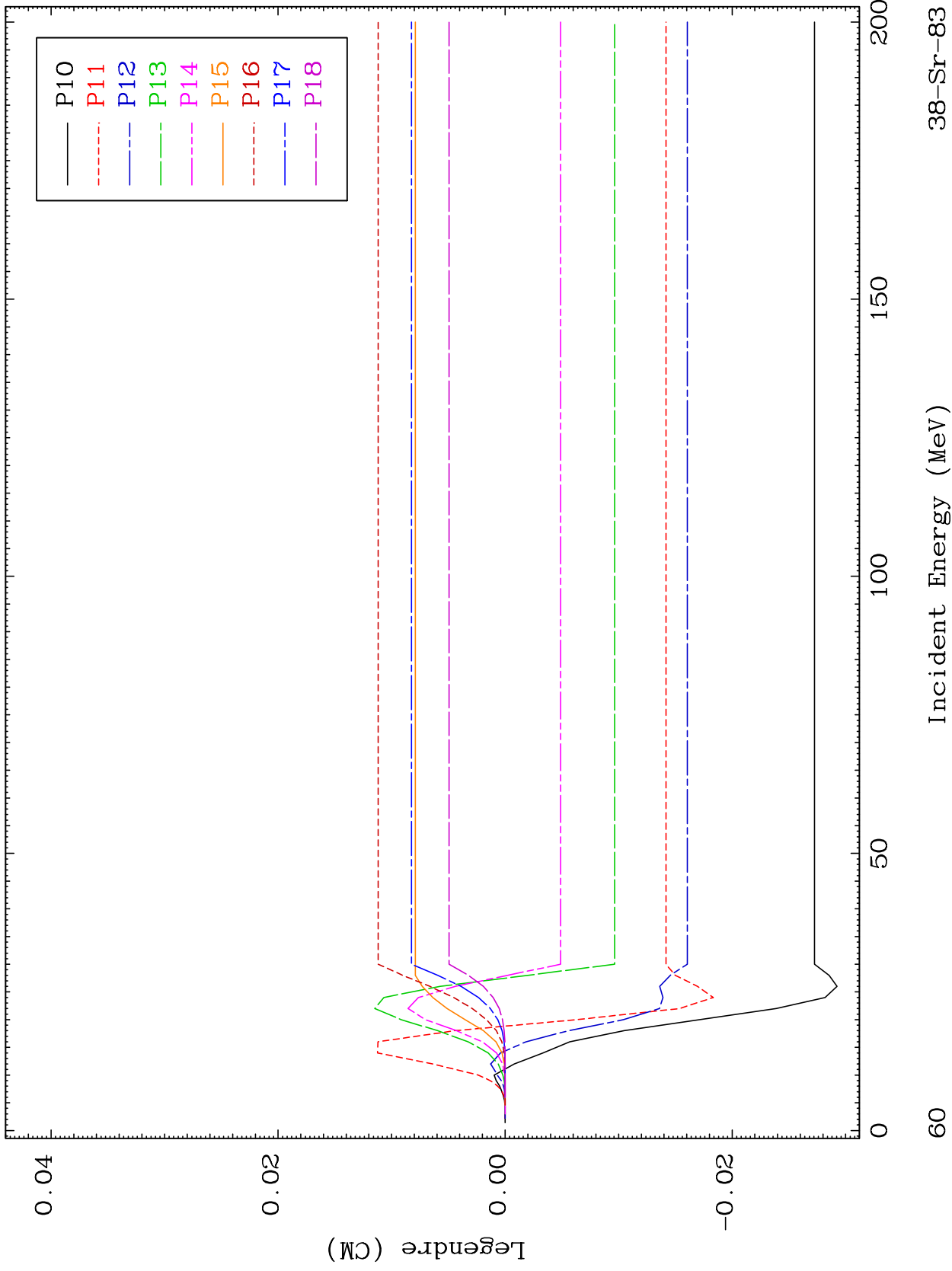
38-Sr-83

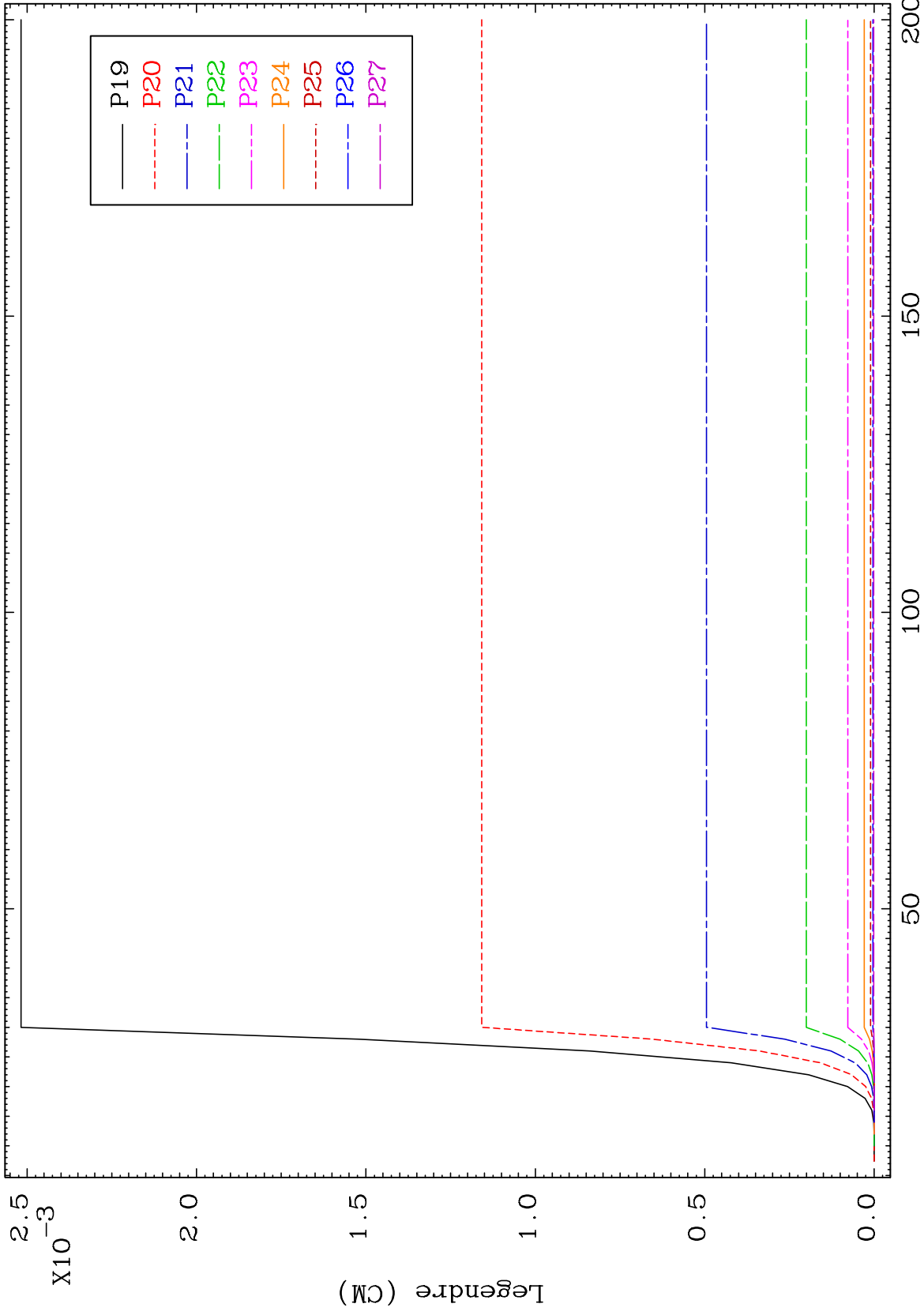


MAT 3822

835.2 keV (n,n') Level
Legendre Coefficients

38-Sr-83

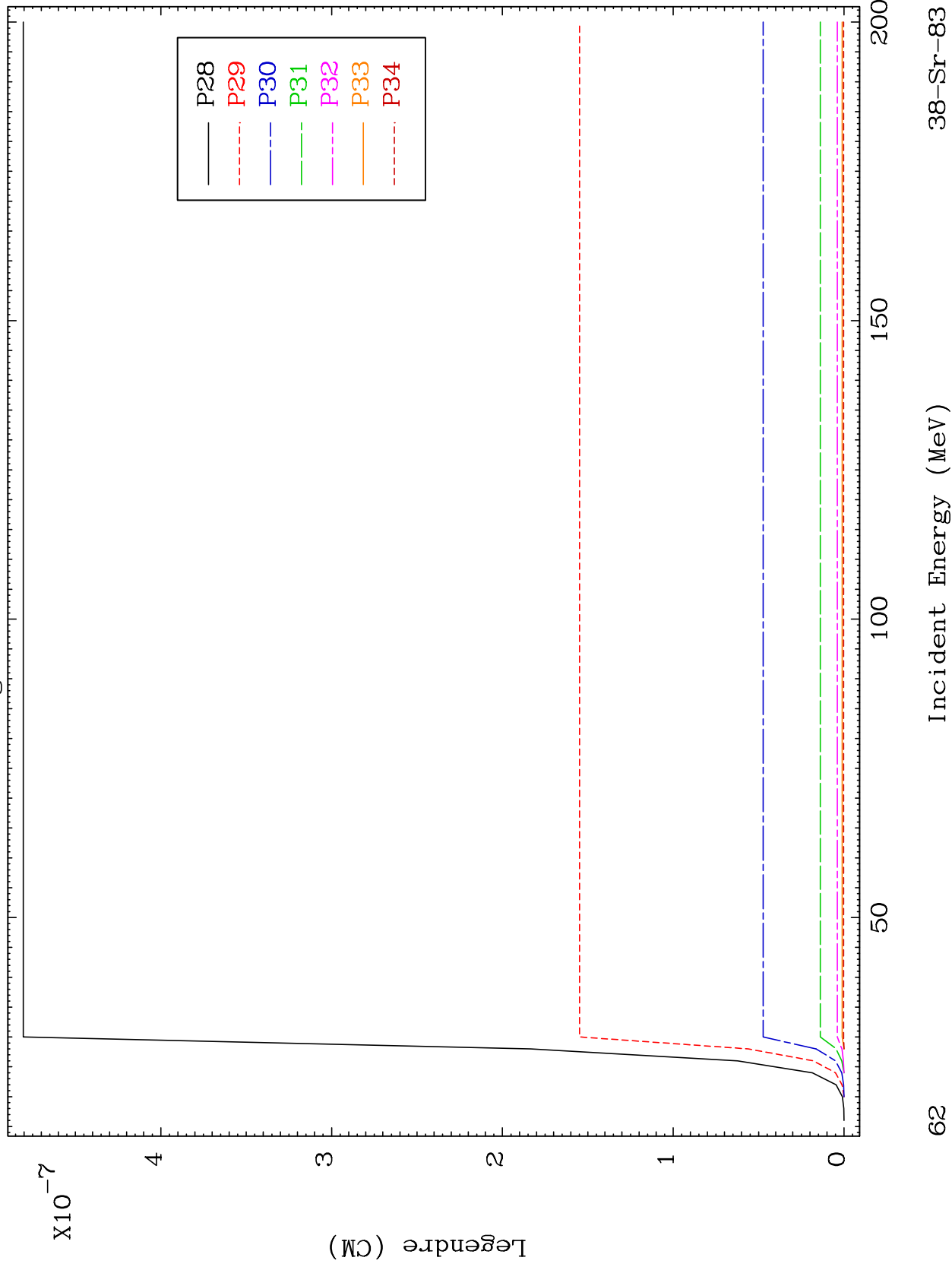




MAT 3822

835.2 keV (n,n') Level
Legendre Coefficients

38-Sr-83



62

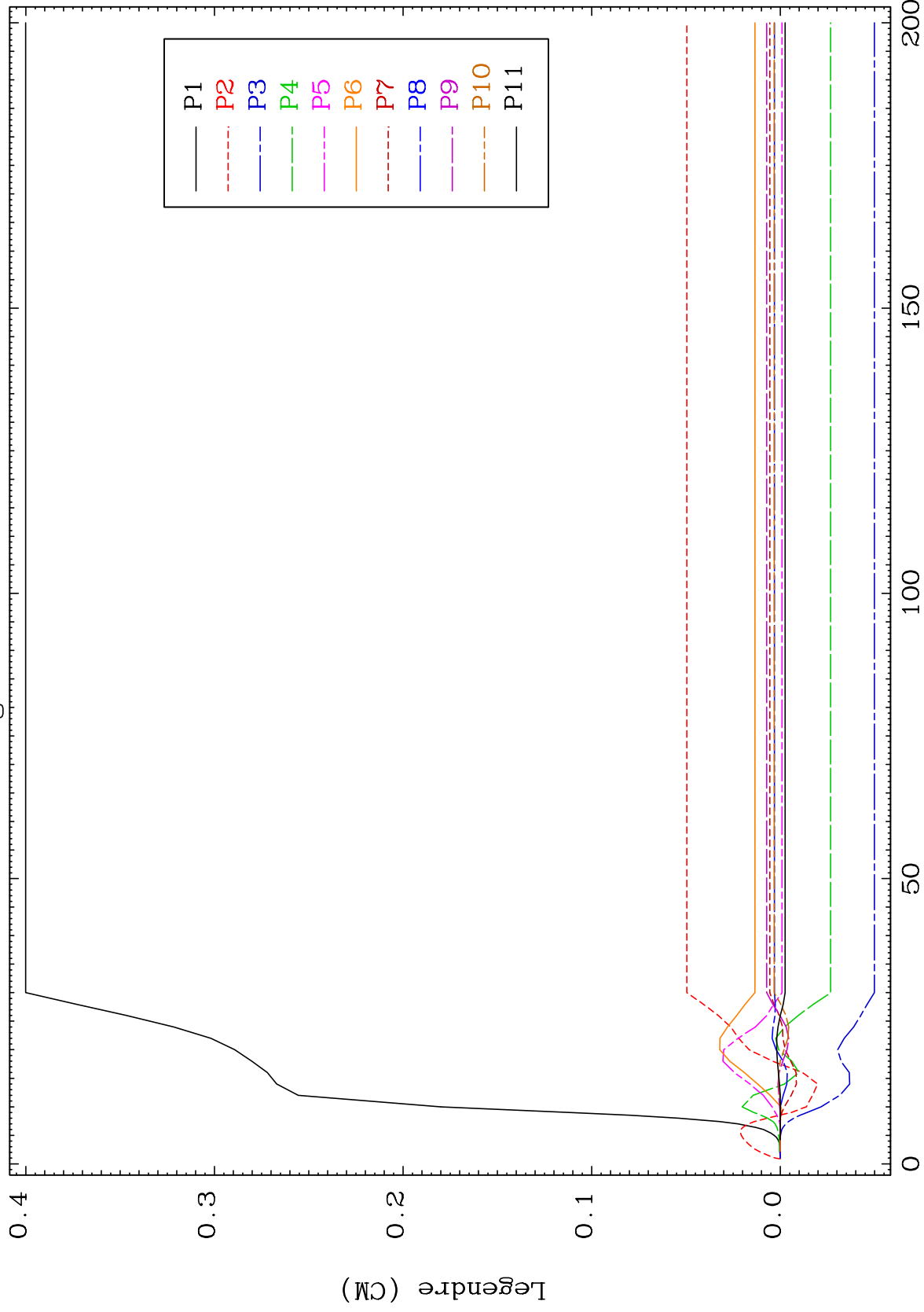
Incident Energy (MeV)

38-Sr-83

MAT 3822

846.3 keV (n,n') Level
Legendre Coefficients

38-Sr-83



63

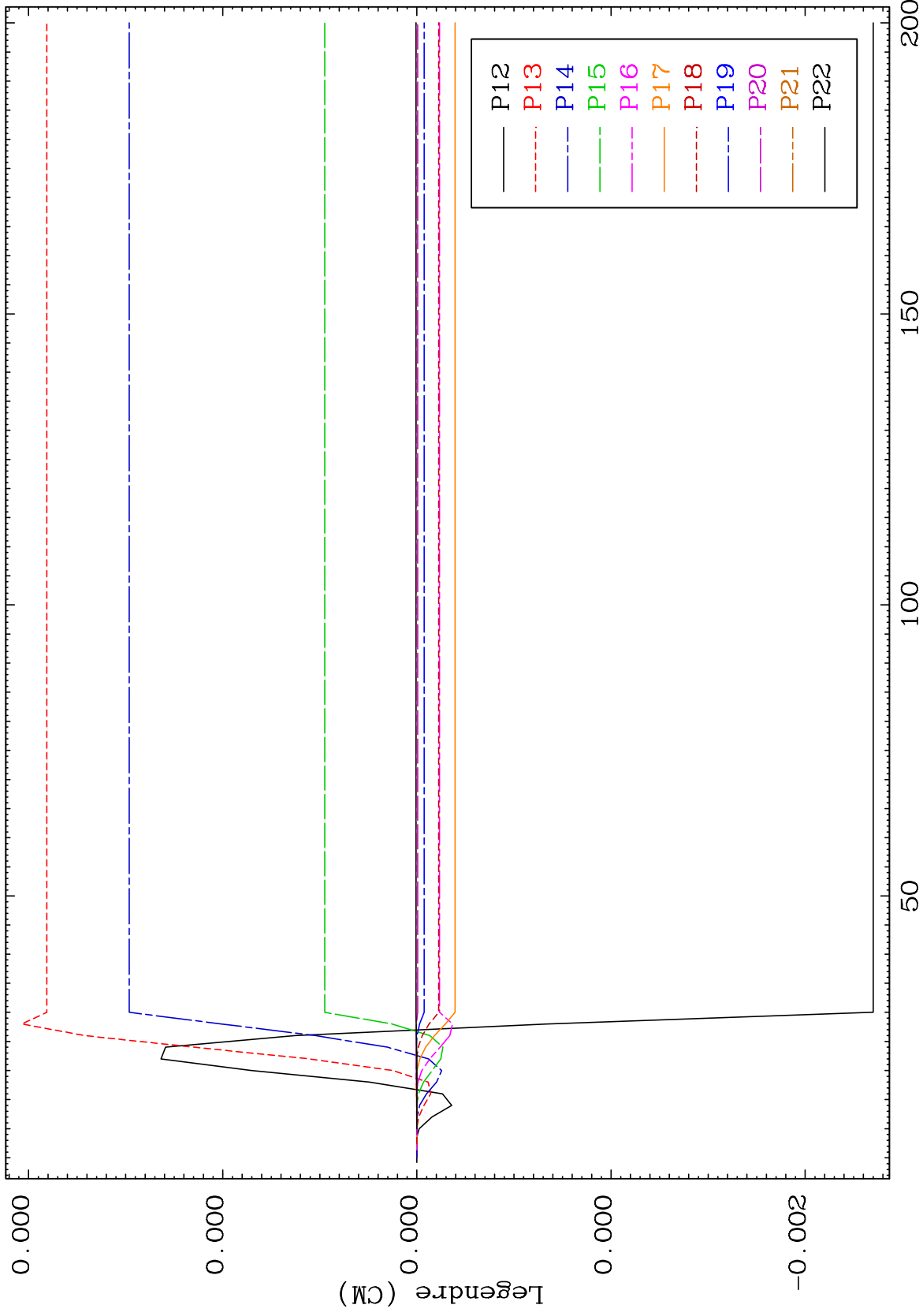
Incident Energy (MeV)

38-Sr-83

MAT 3822

846.3 keV (n,n') Level
Legendre Coefficients

38-Sr-83



64

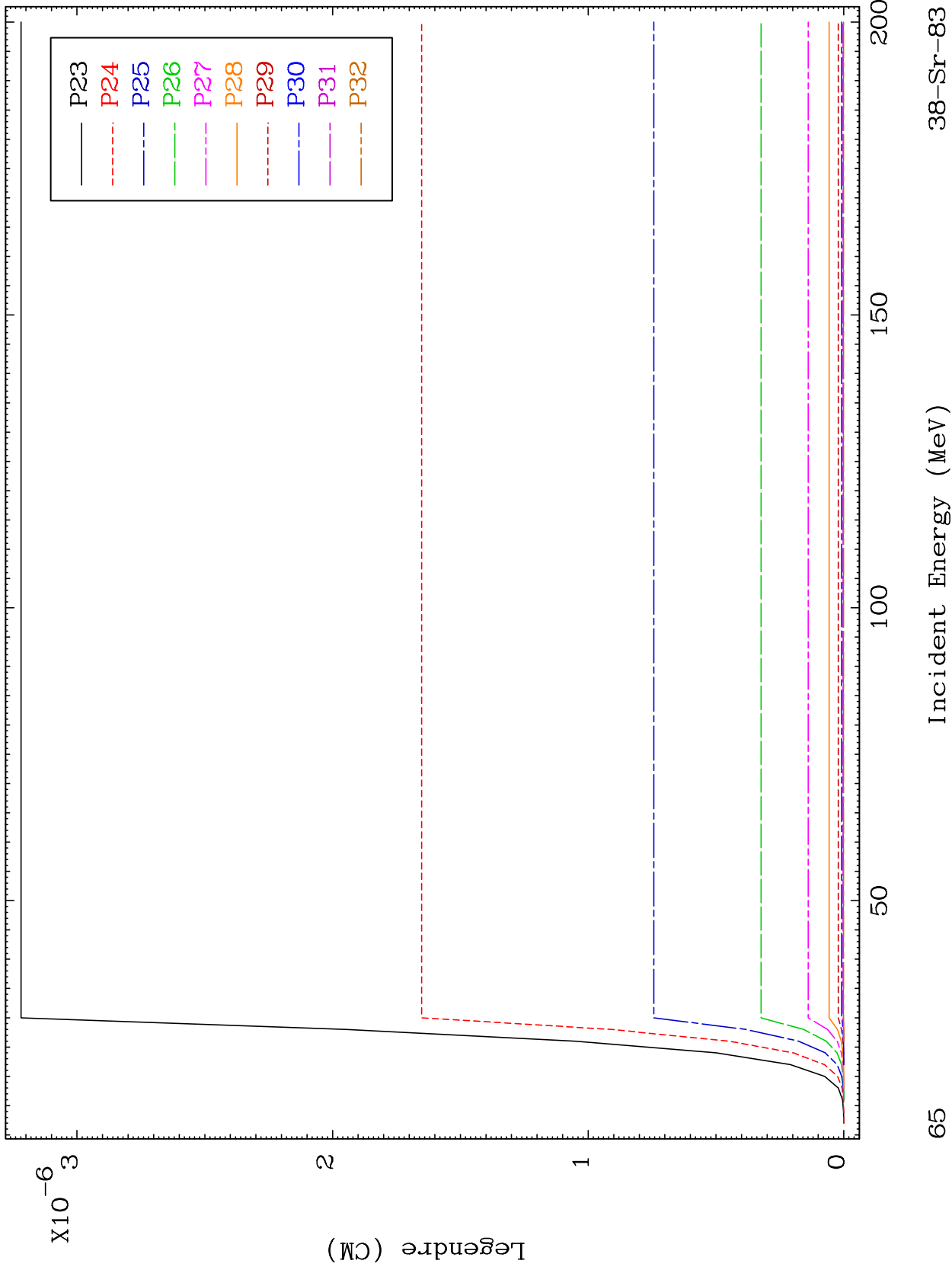
Incident Energy (MeV)

38-Sr-83

MAT 3822

846.3 keV (n,n') Level
Legendre Coefficients

38-Sr-83



65

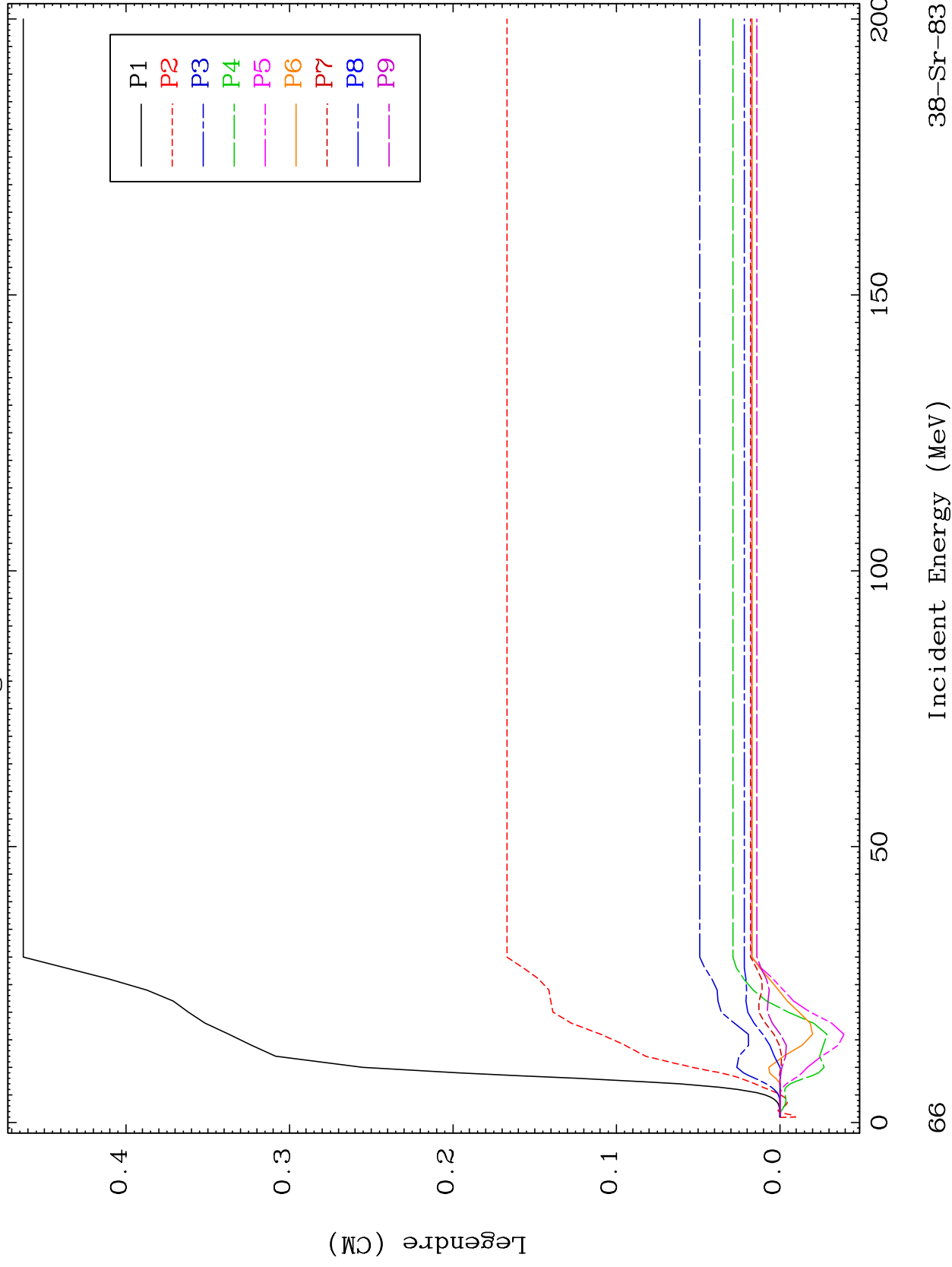
Incident Energy (MeV)

38-Sr-83

MAT 3822

894.1 keV (n,n') Level
Legendre Coefficients

38-Sr-83



38-Sr-83

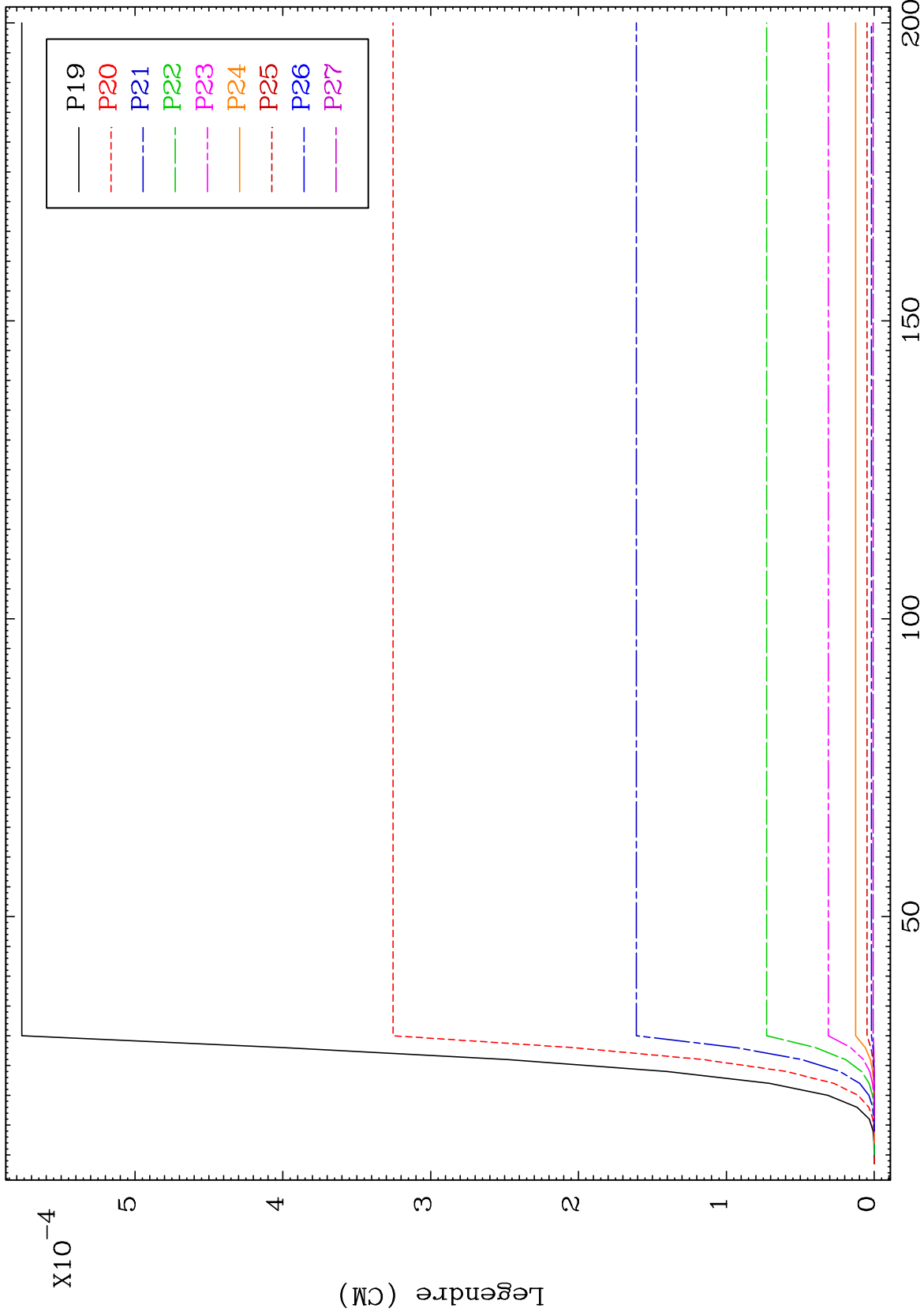
Incident Energy (MeV)

66

MAT 3822

894.1 keV (n,n') Level
Legendre Coefficients

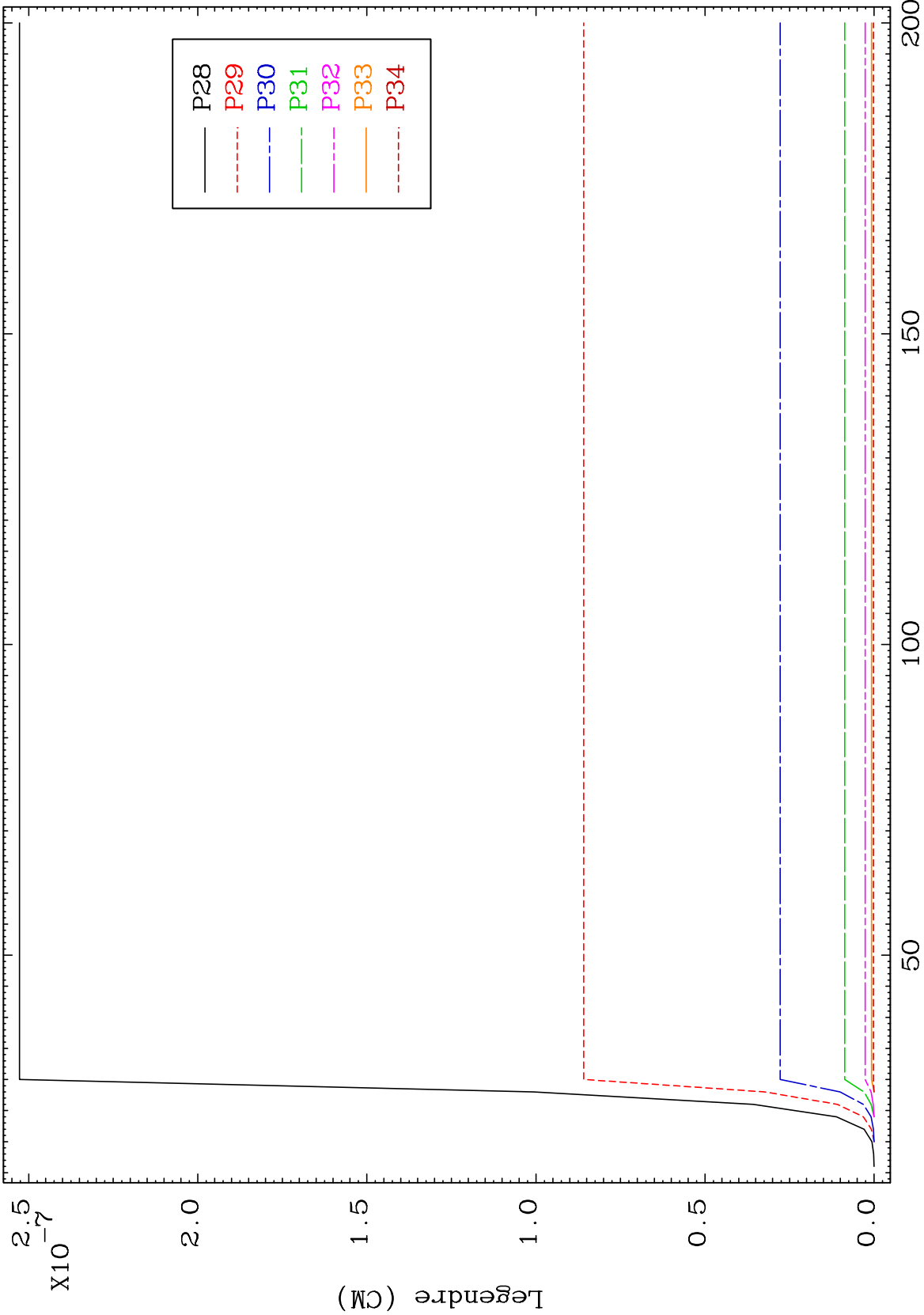
38-Sr-83



68

Incident Energy (MeV)

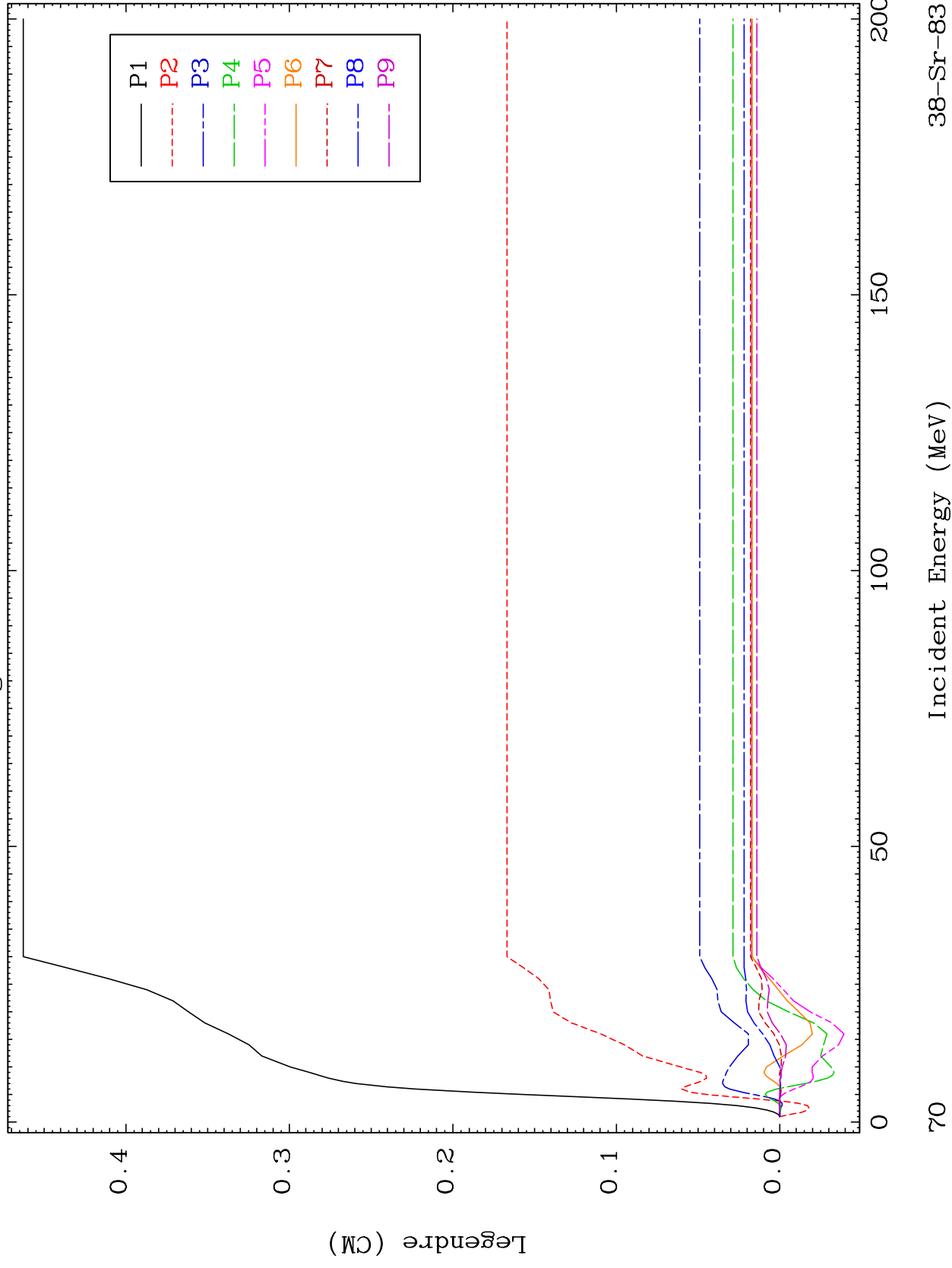
38-Sr-83



MAT 3822

910.4 keV (n,n') Level
Legendre Coefficients

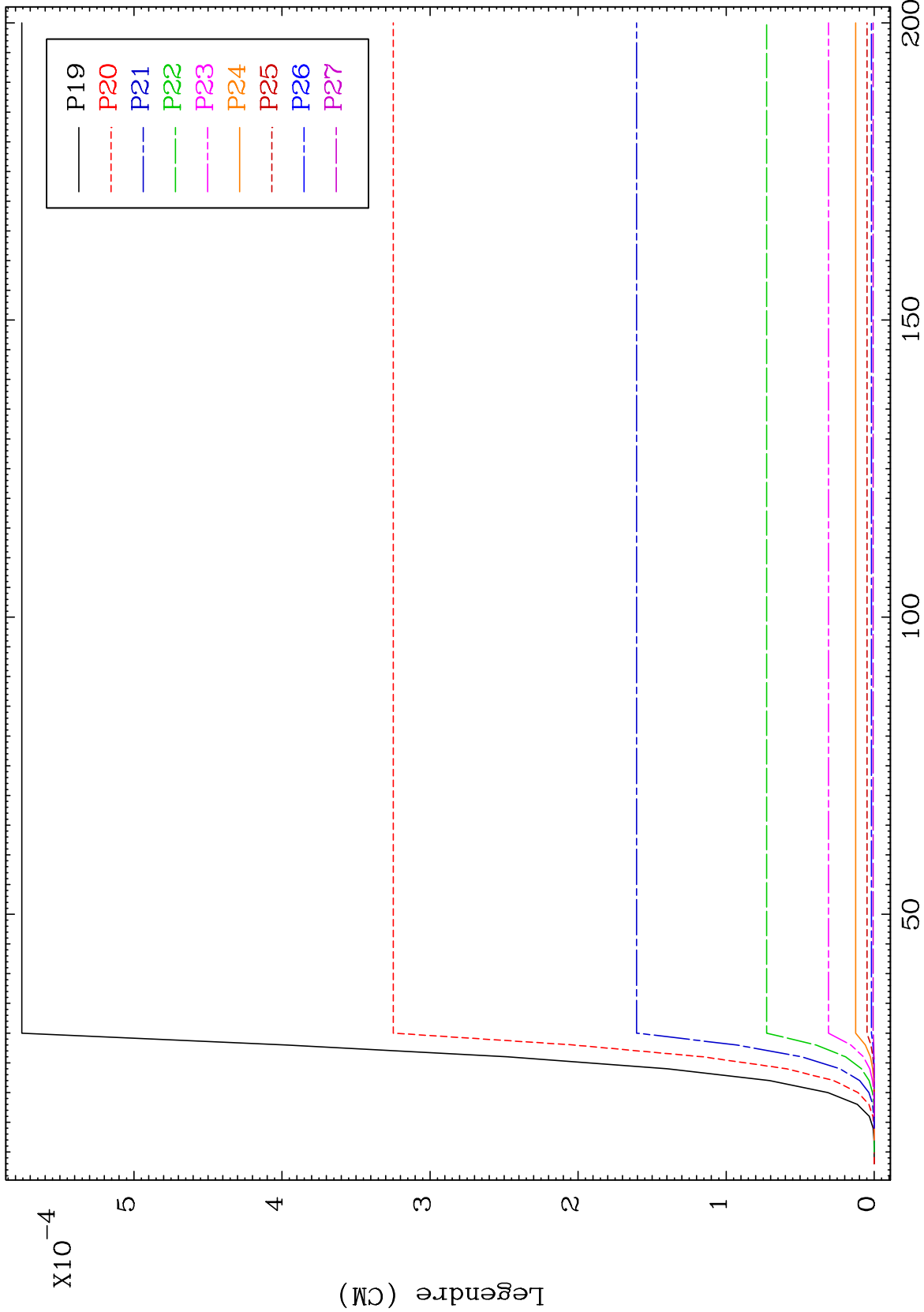
38-Sr-83

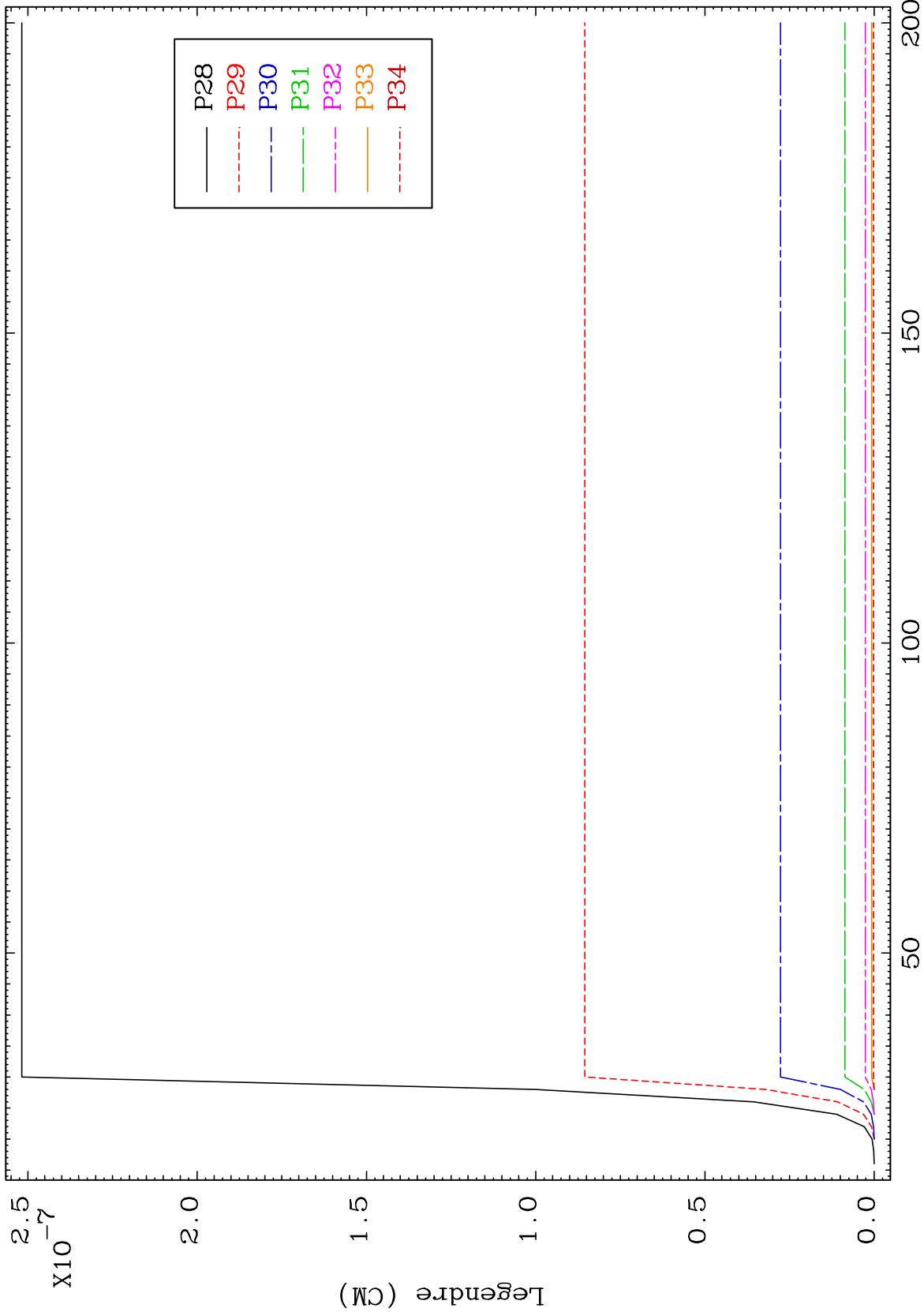


38-Sr-83

Incident Energy (MeV)

70

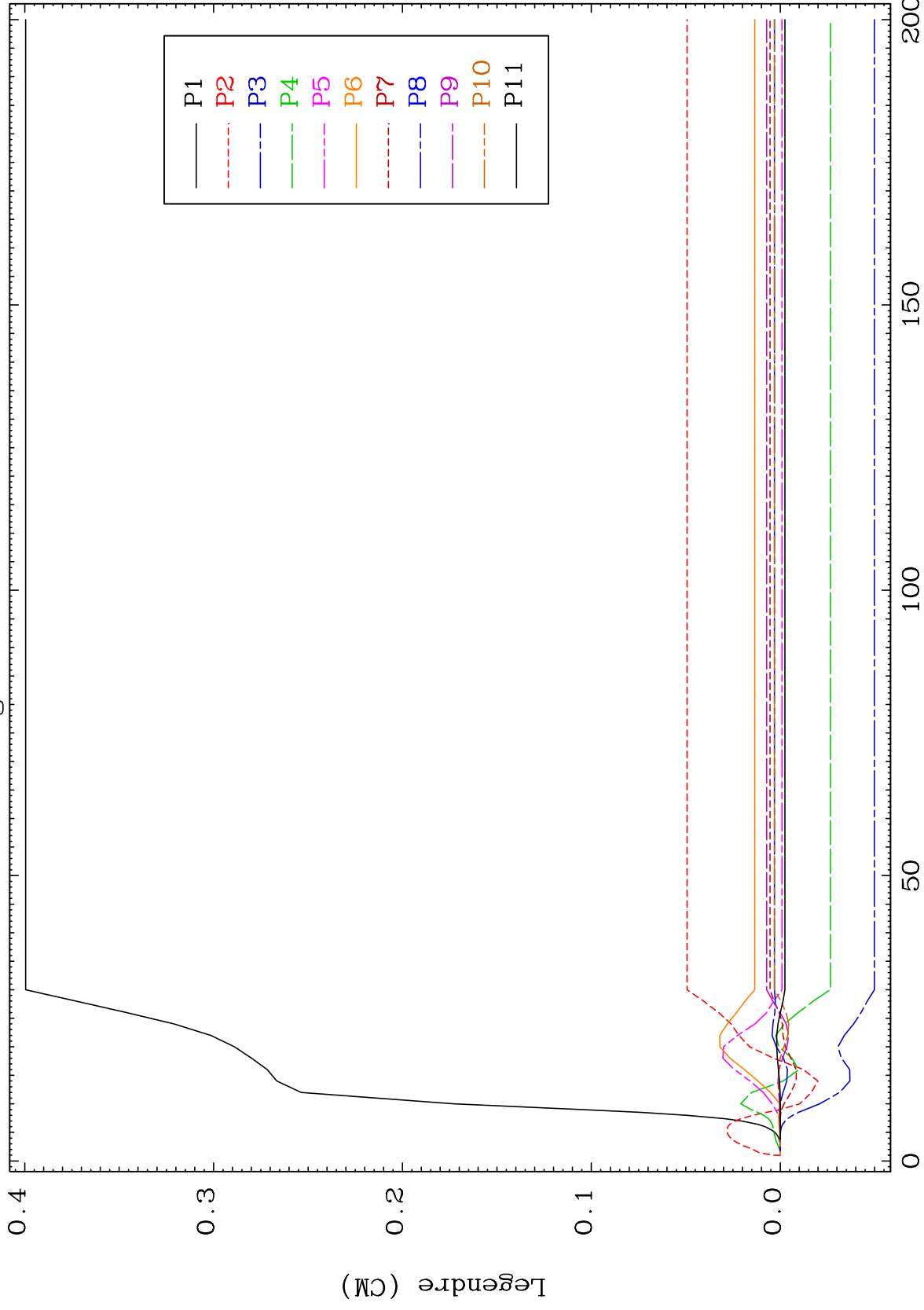




MAT 3822

951.8 keV (n,n') Level
Legendre Coefficients

38-Sr-83



74

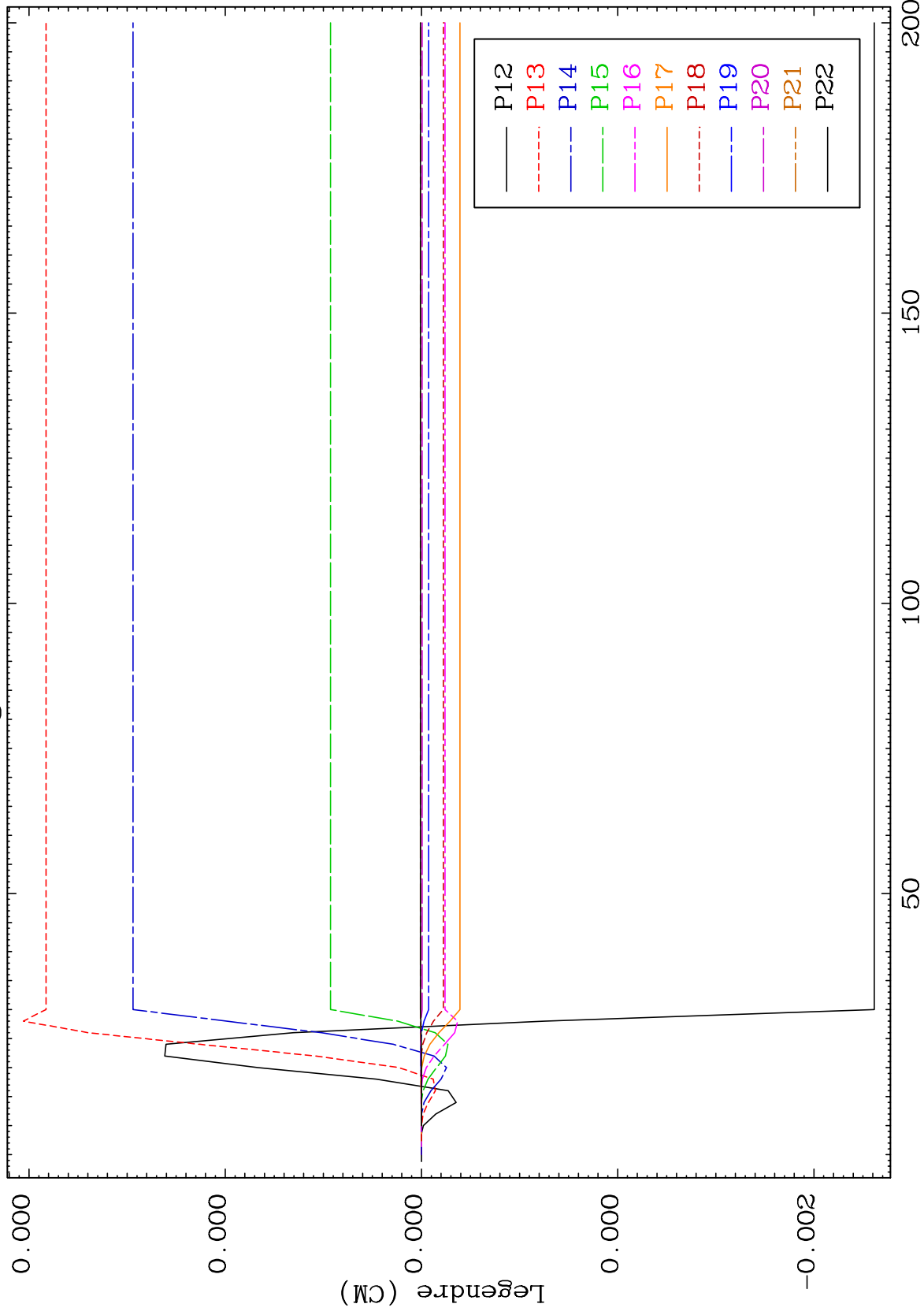
Incident Energy (MeV)

38-Sr-83

MAT 3822

951.8 keV (n,n') Level
Legendre Coefficients

38-Sr-83



75

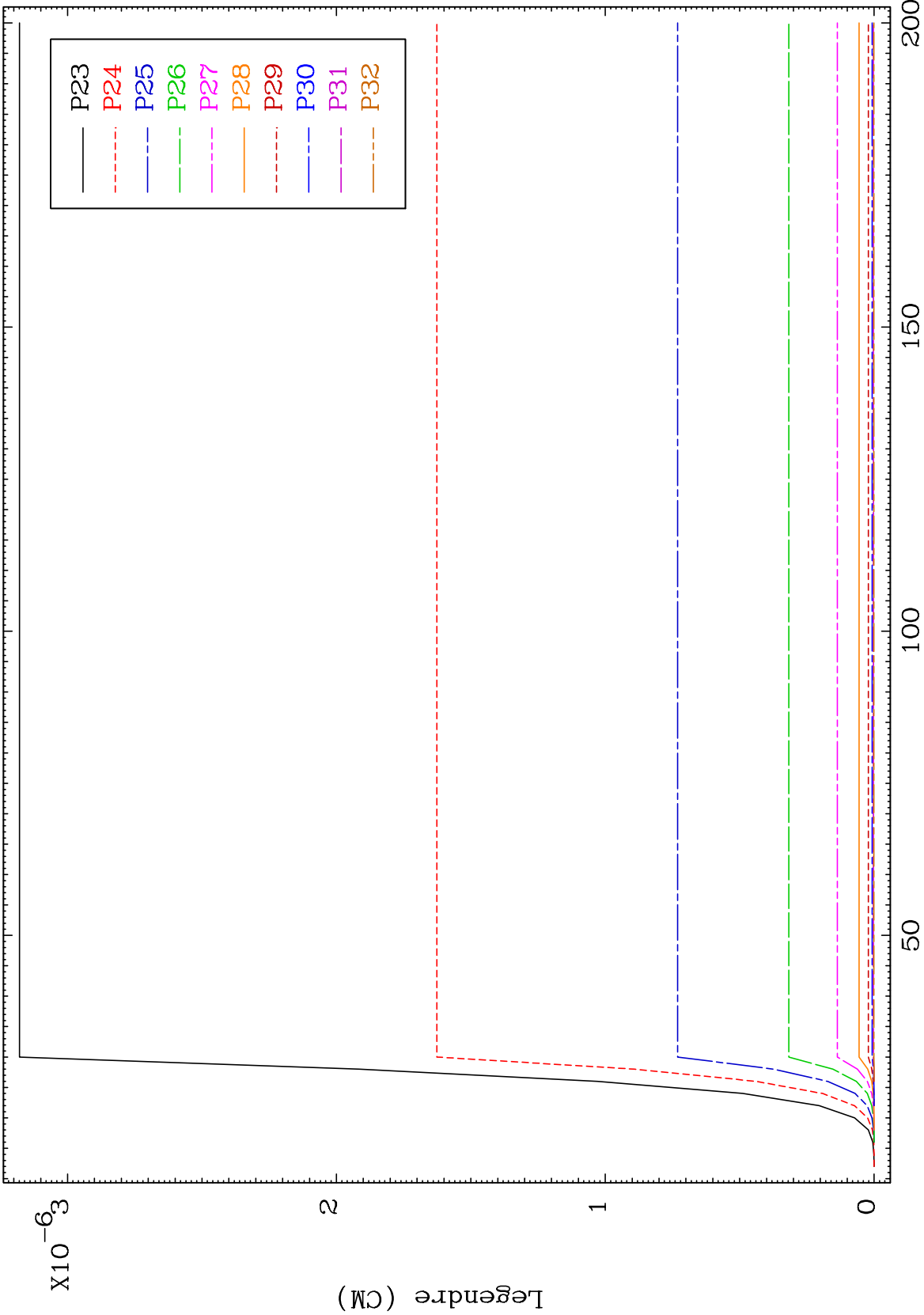
Incident Energy (MeV)

38-Sr-83

MAT 3822

951.8 keV (n,n') Level
Legendre Coefficients

38-Sr-83



76

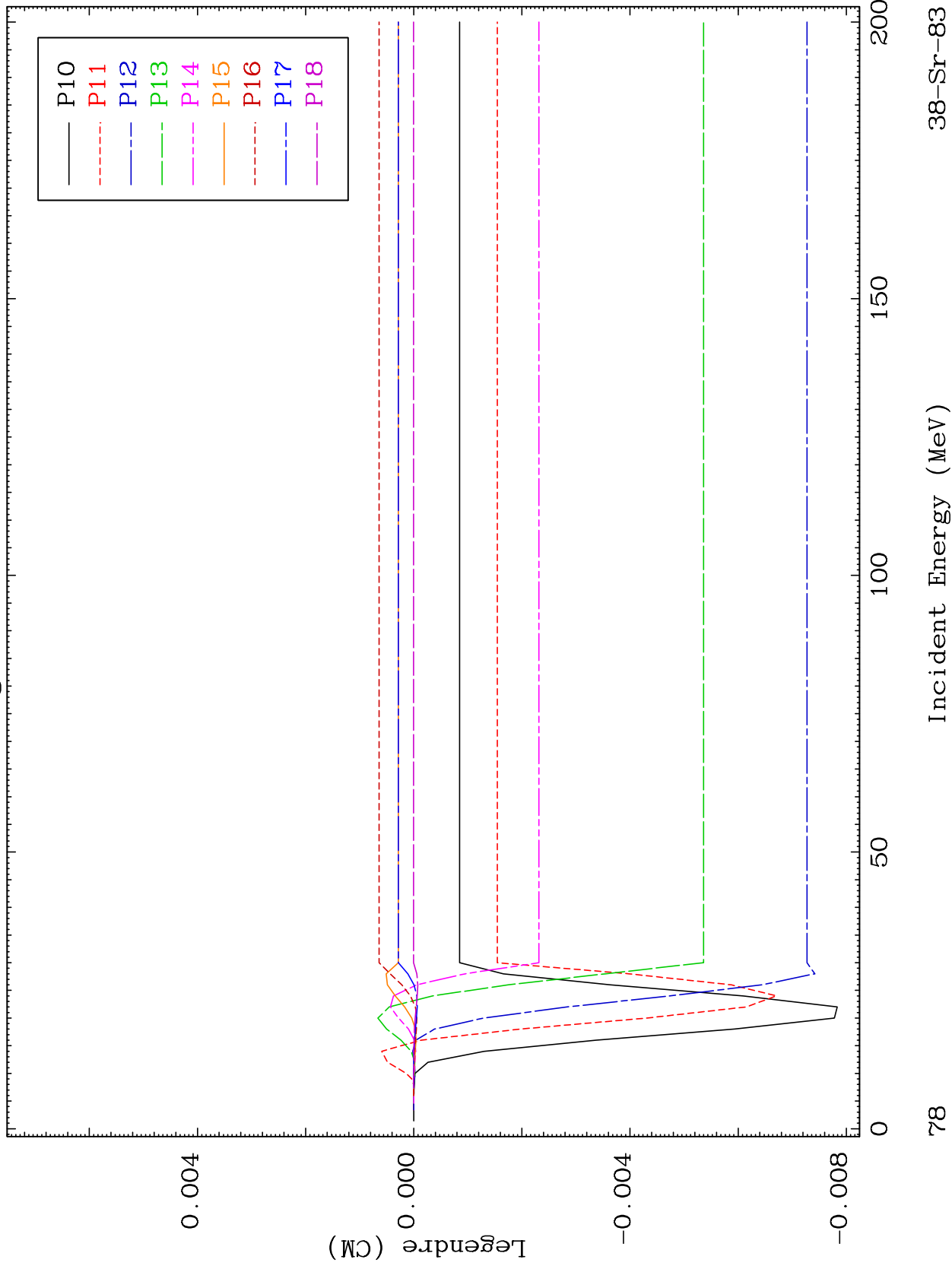
Incident Energy (MeV)

38-Sr-83

MAT 3822

962.8 keV (n,n') Level
Legendre Coefficients

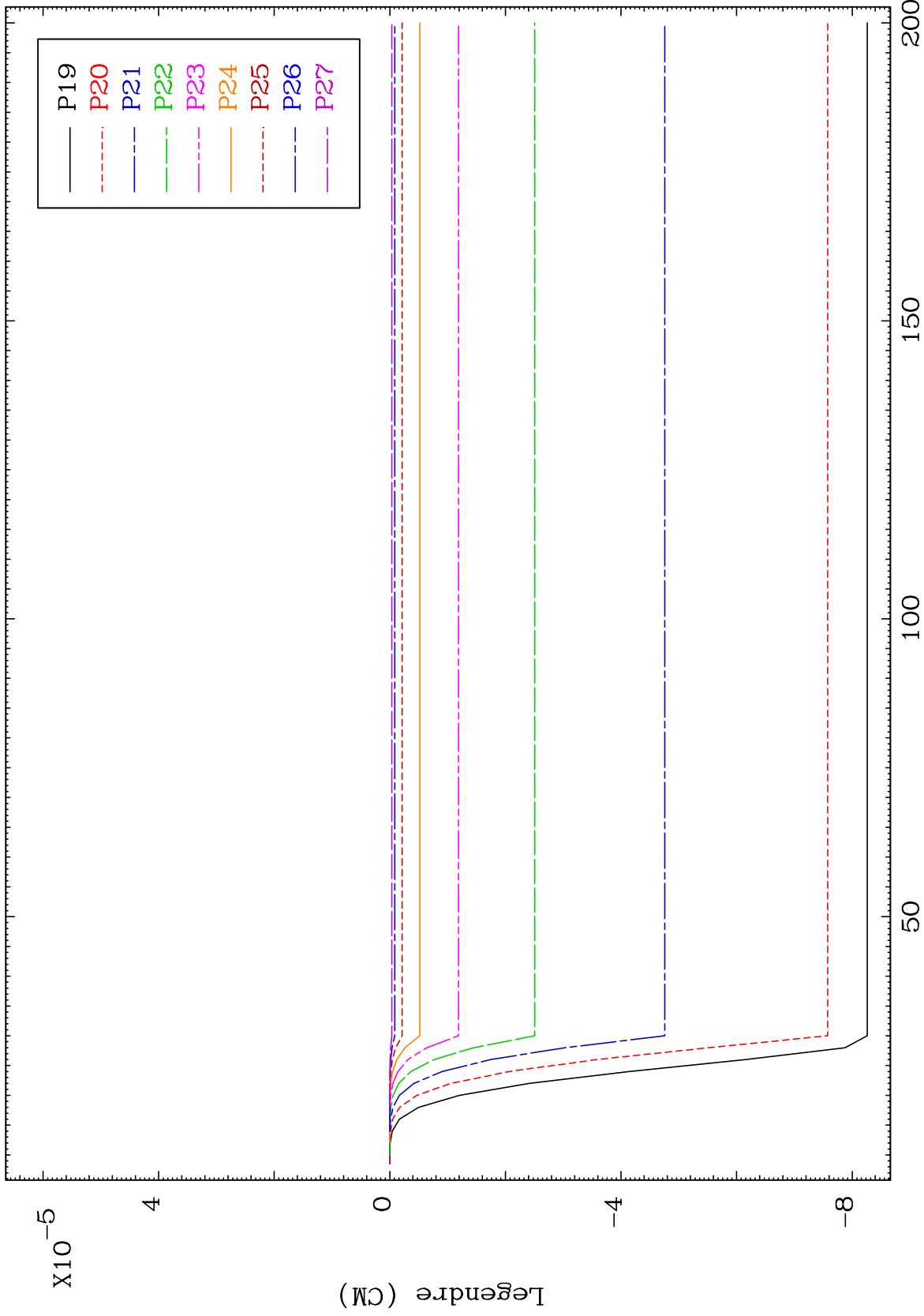
38-Sr-83

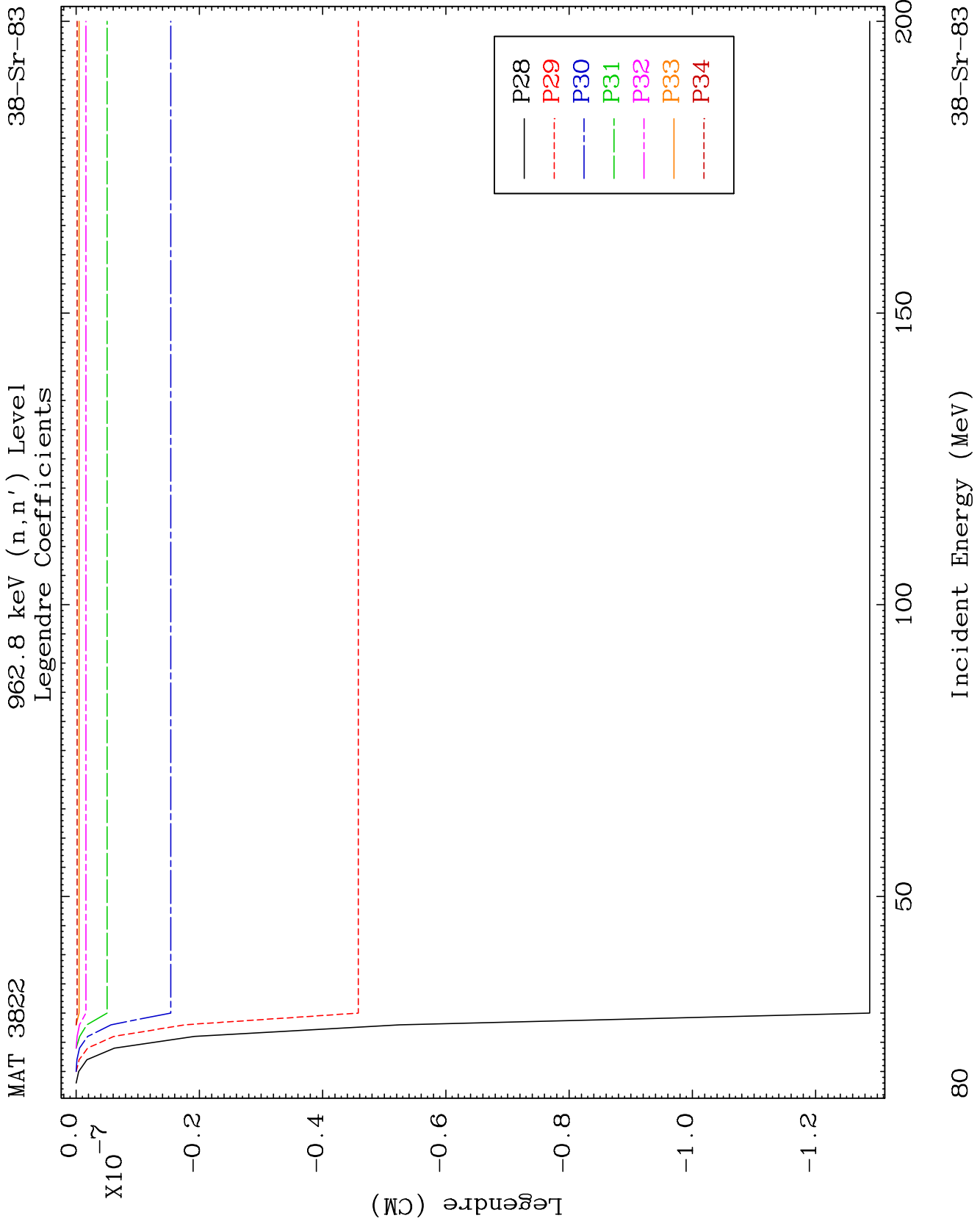


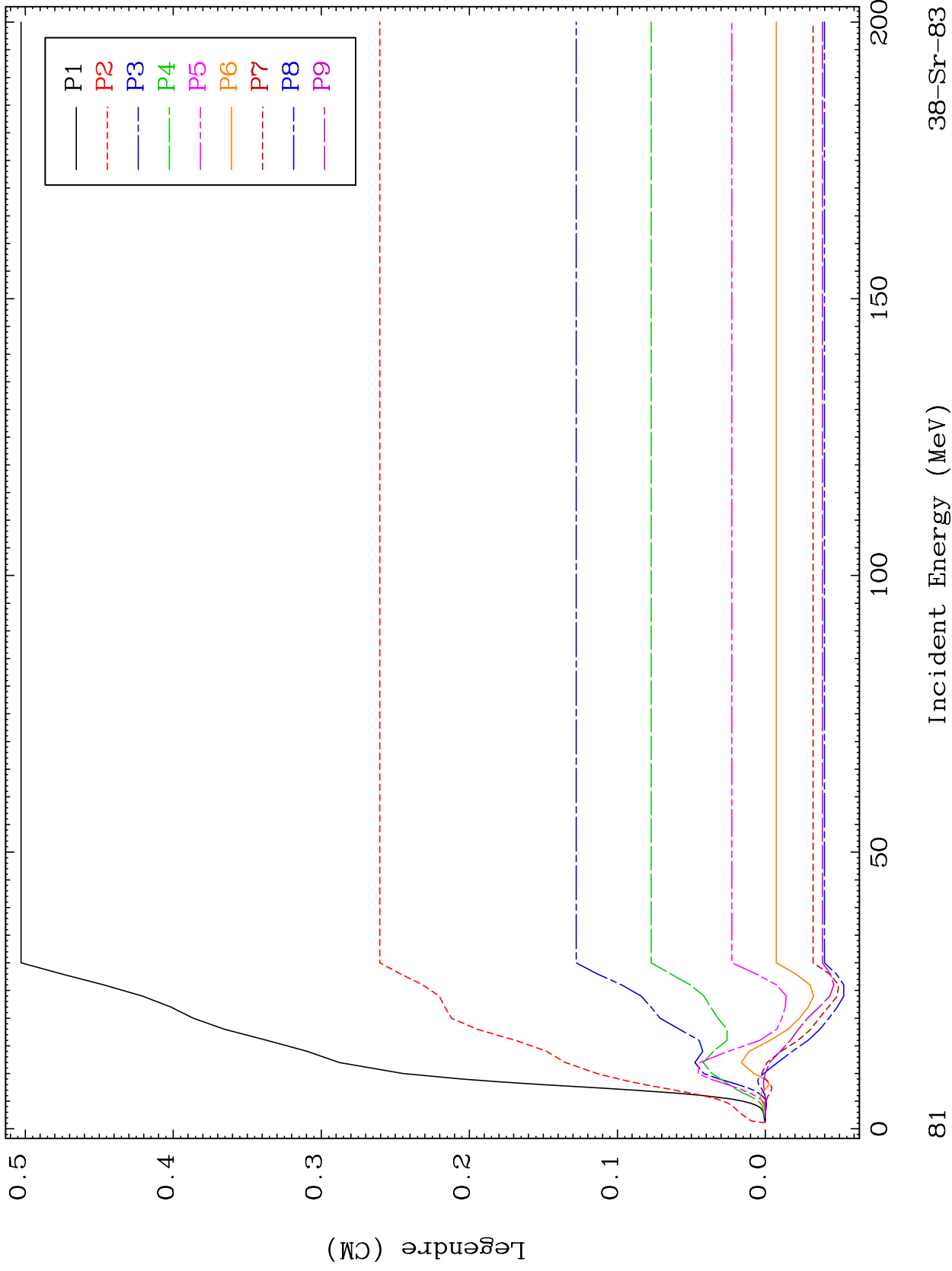
38-Sr-83

Incident Energy (MeV)

78



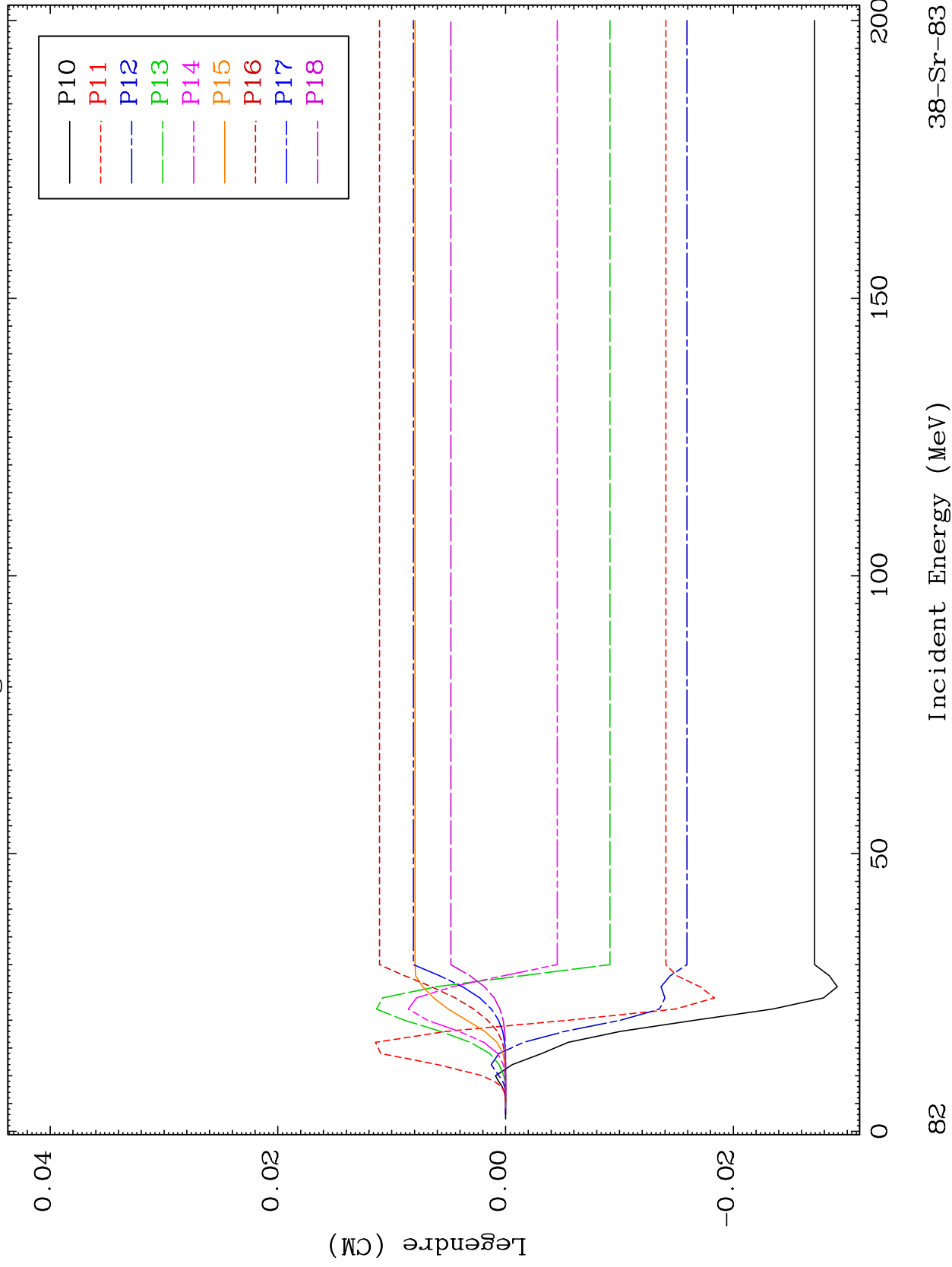




MAT 3822

1.093 MeV (n,n') Level
Legendre Coefficients

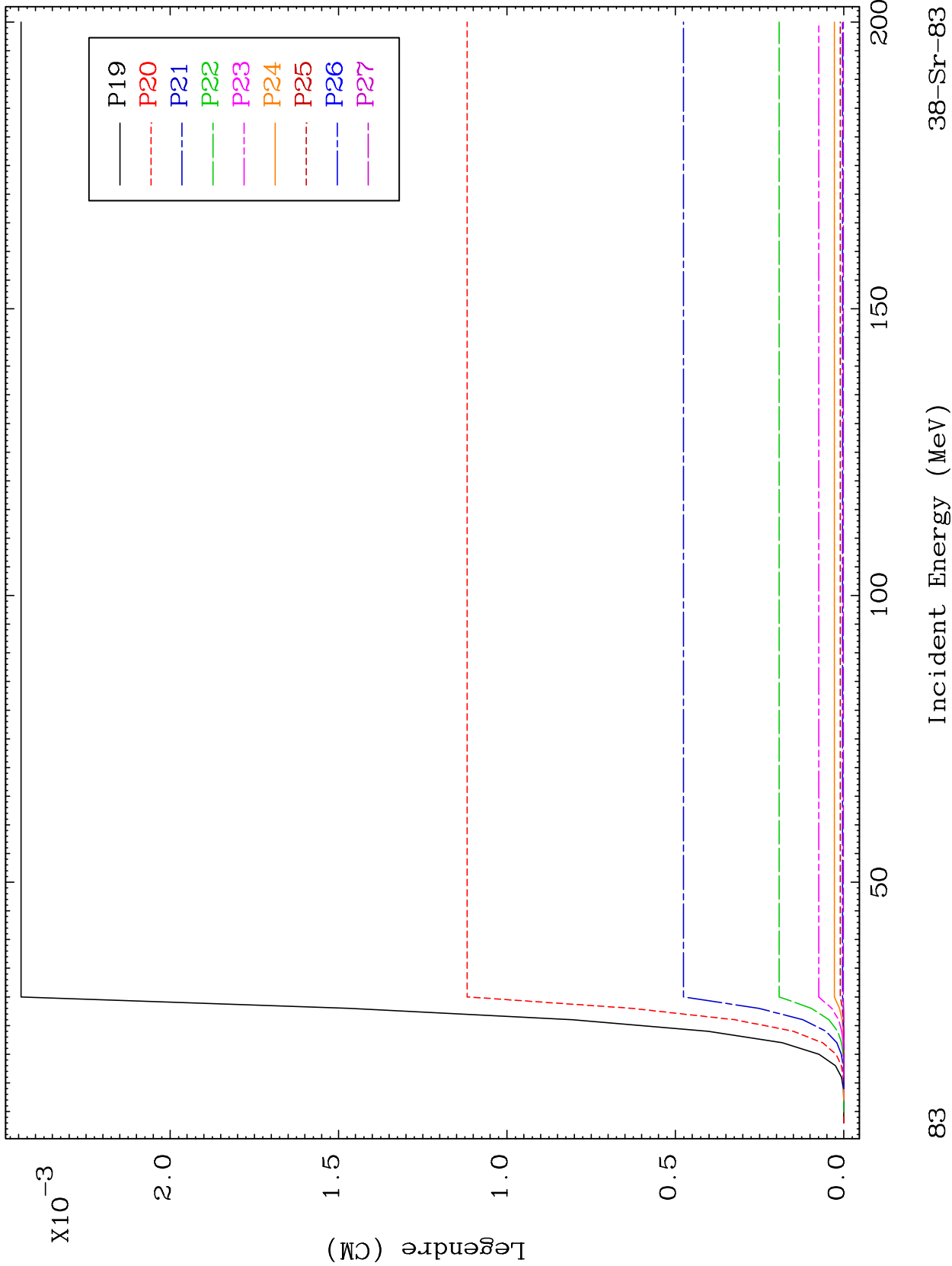
38-Sr-83



38-Sr-83

Incident Energy (MeV)

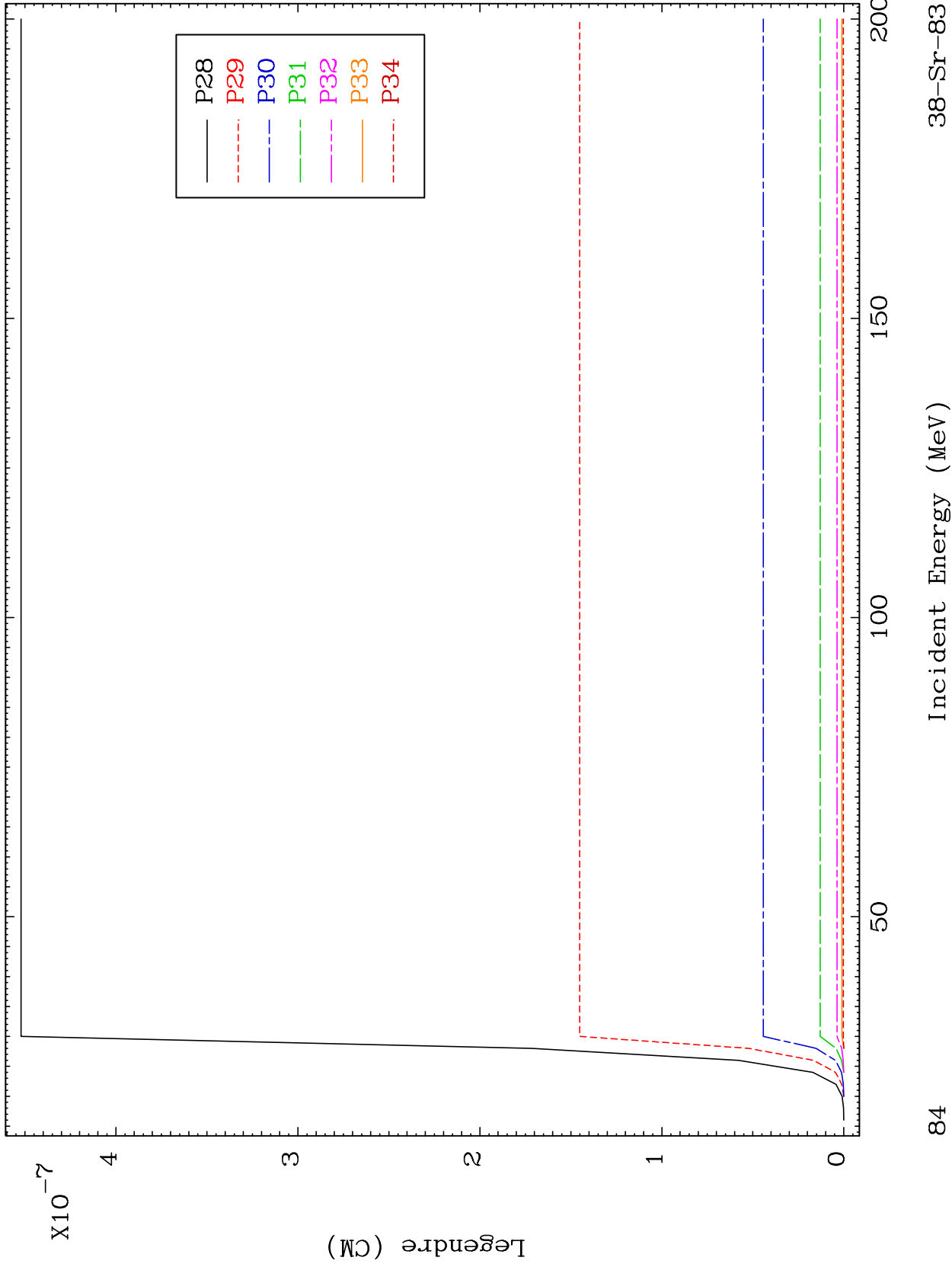
82



MAT 3822

1.093 MeV (n,n') Level
Legendre Coefficients

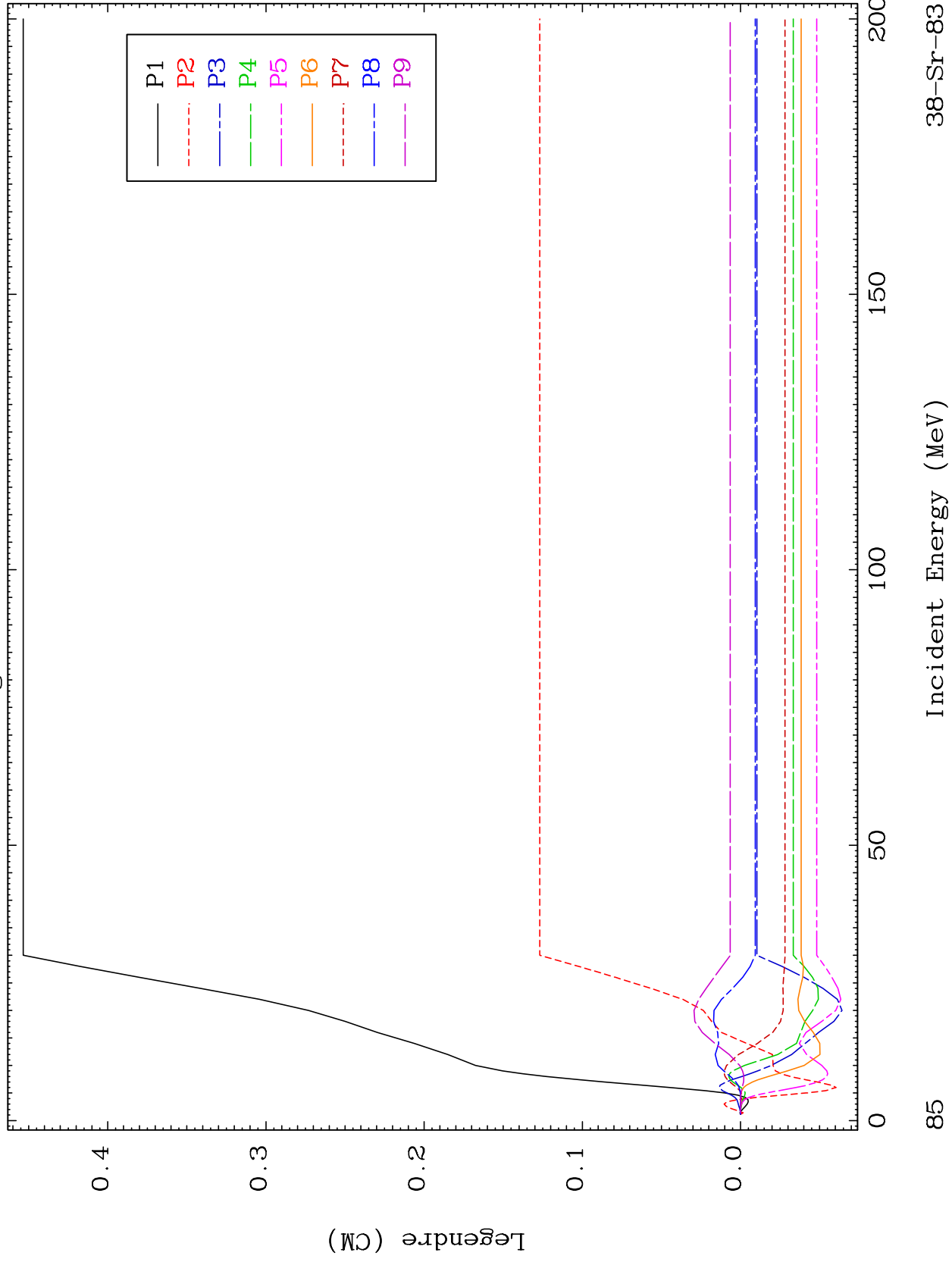
38-Sr-83



MAT 3822

1.098 MeV (n,n') Level
Legendre Coefficients

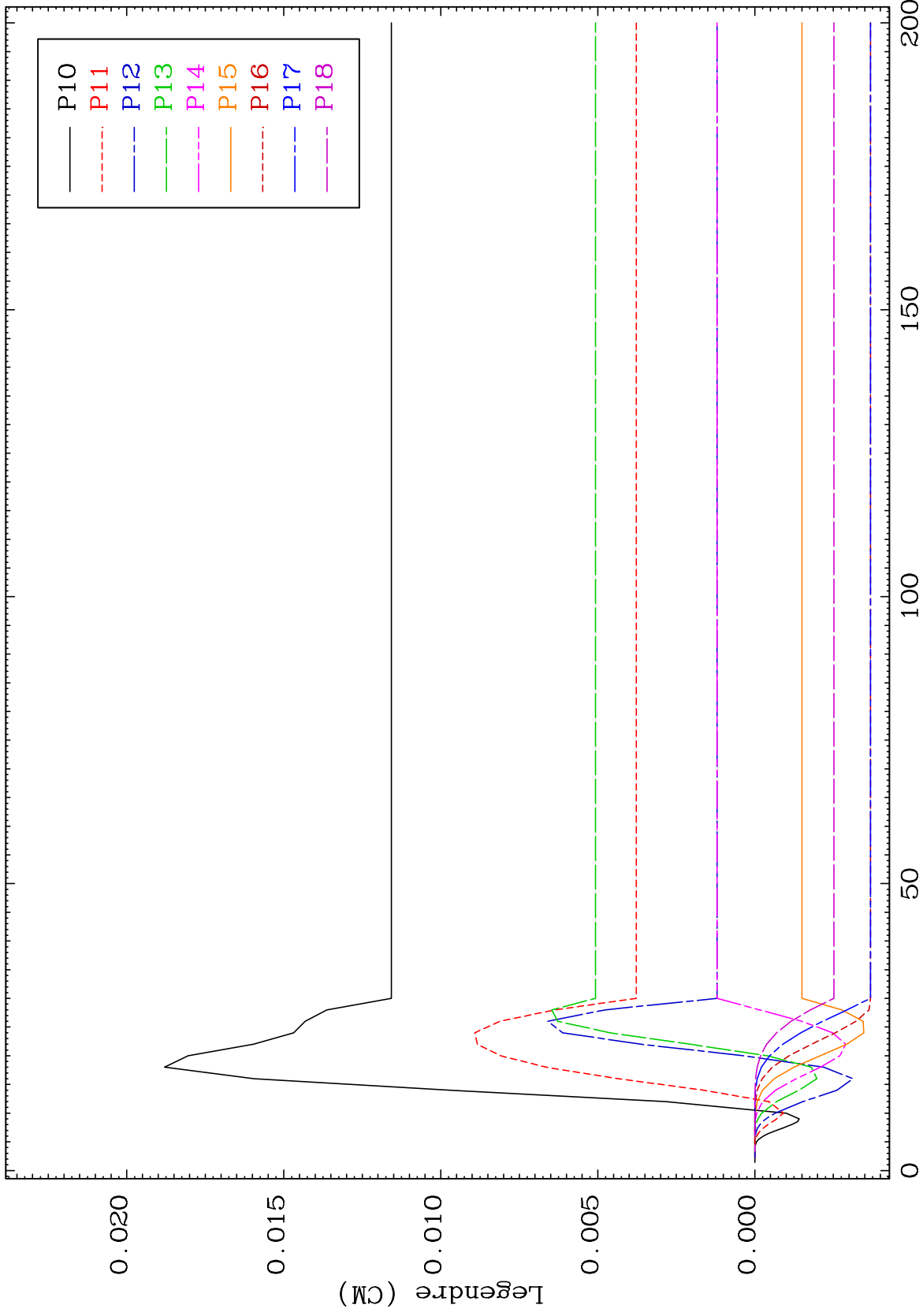
38-Sr-83

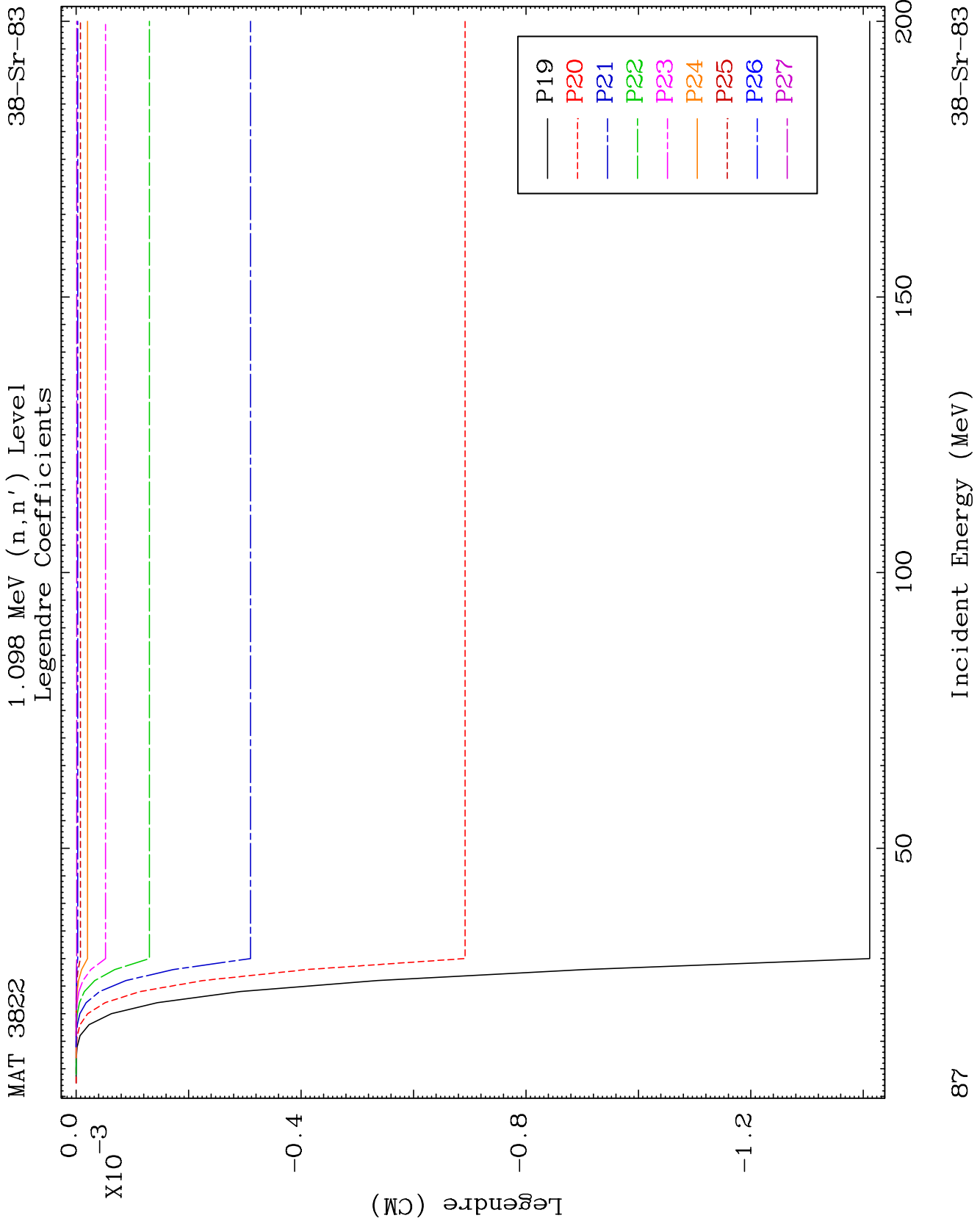


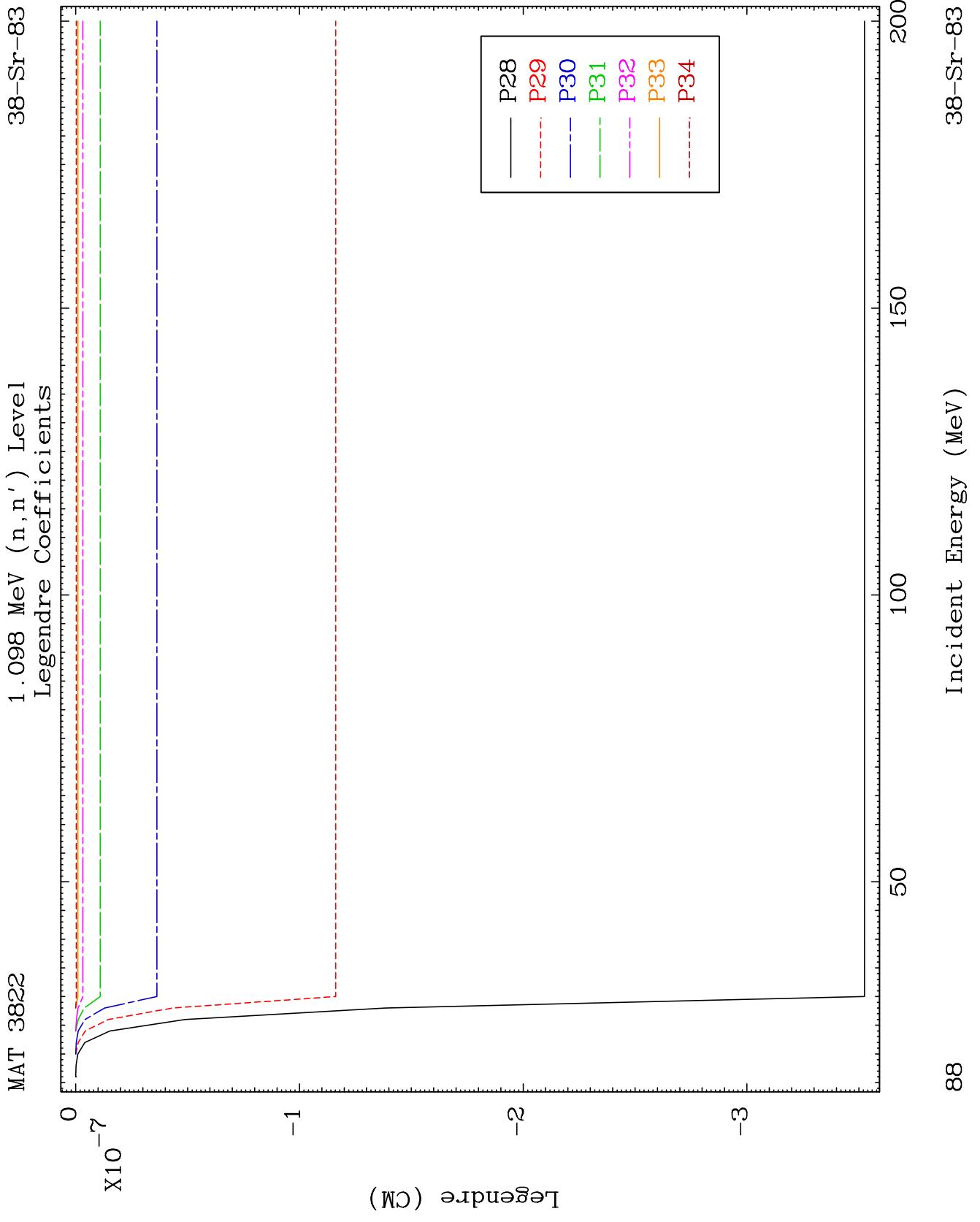
38-Sr-83

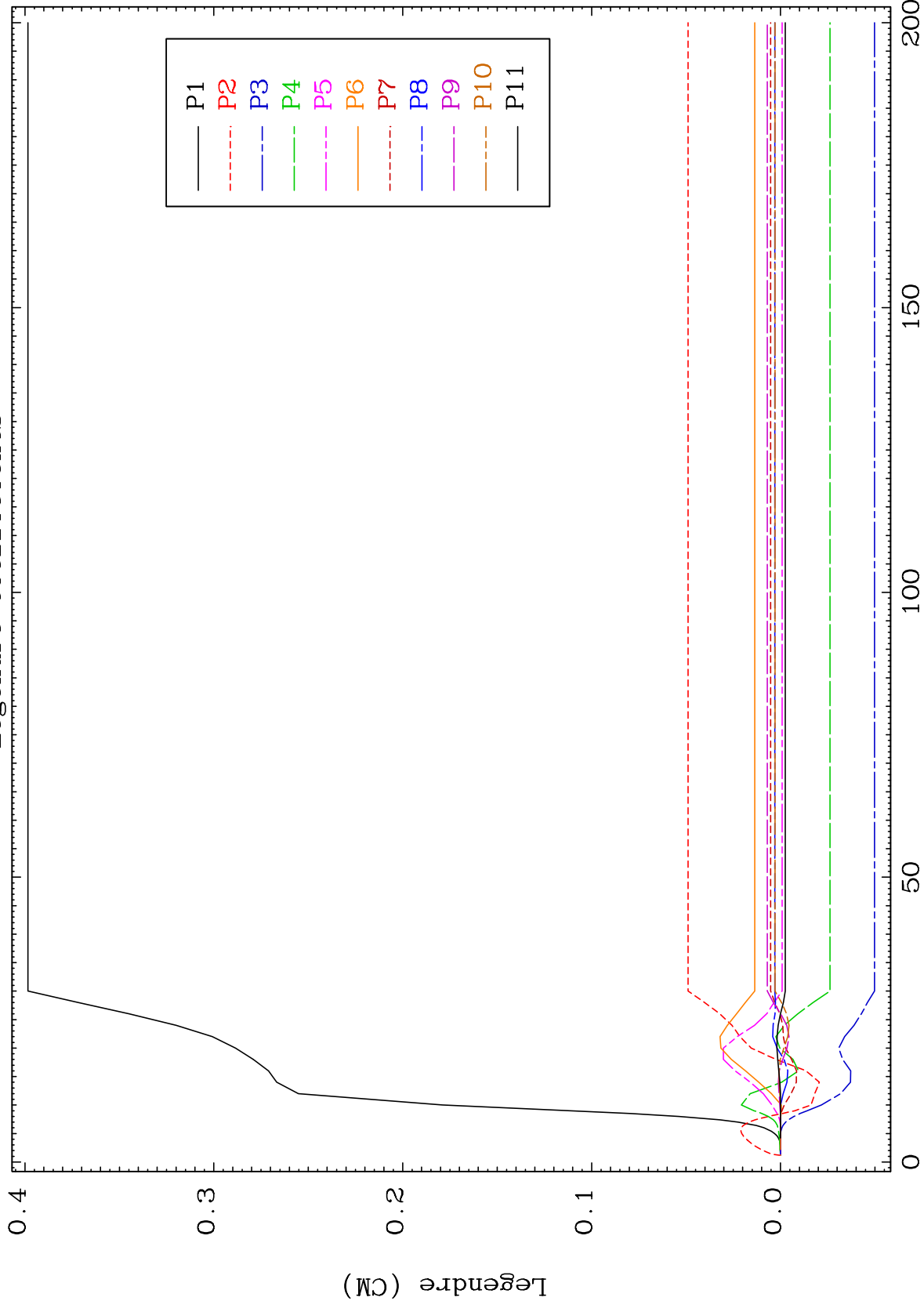
Incident Energy (MeV)

85





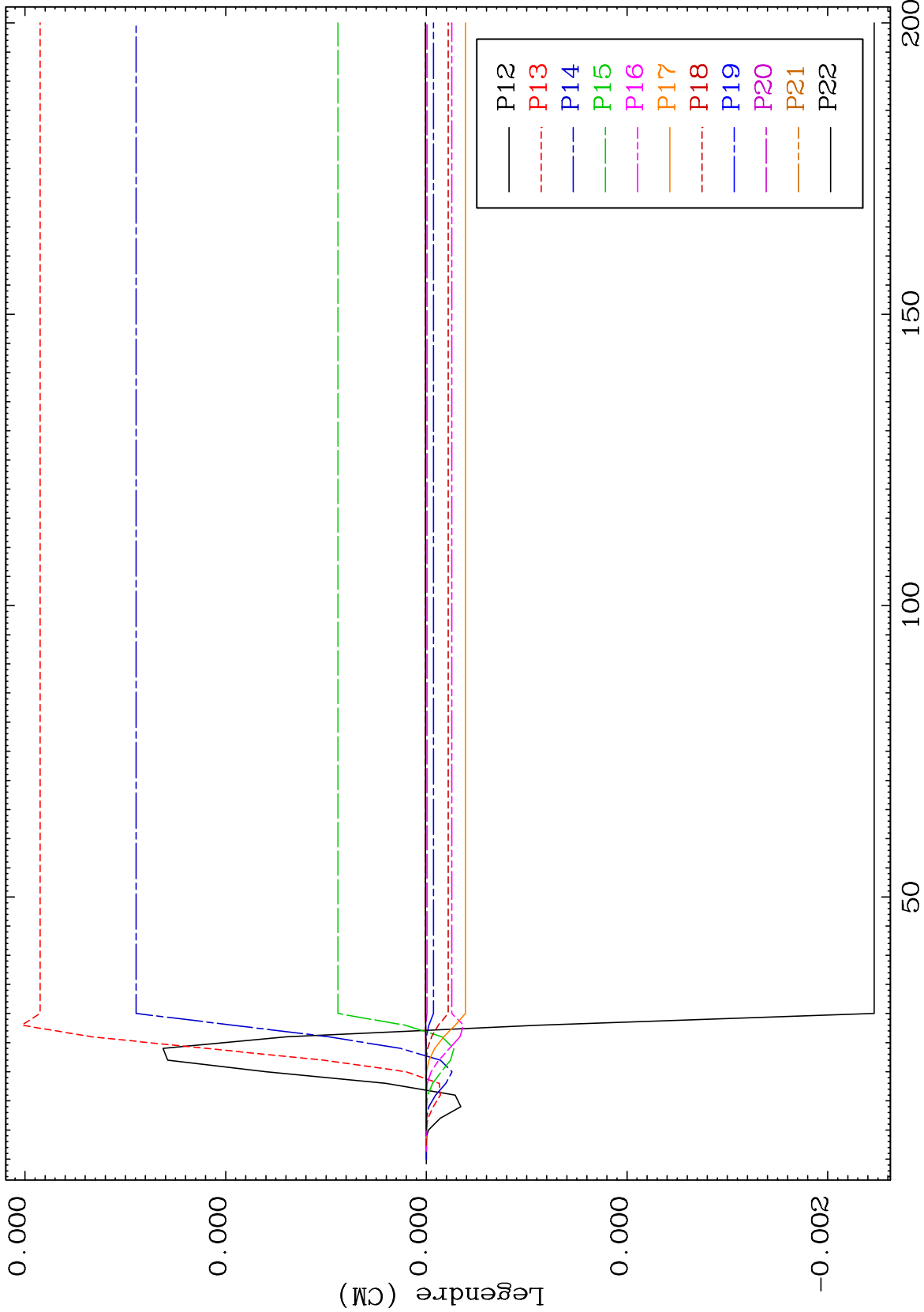




MAT 38222

1.141 MeV (n,n') Level
Legendre Coefficients

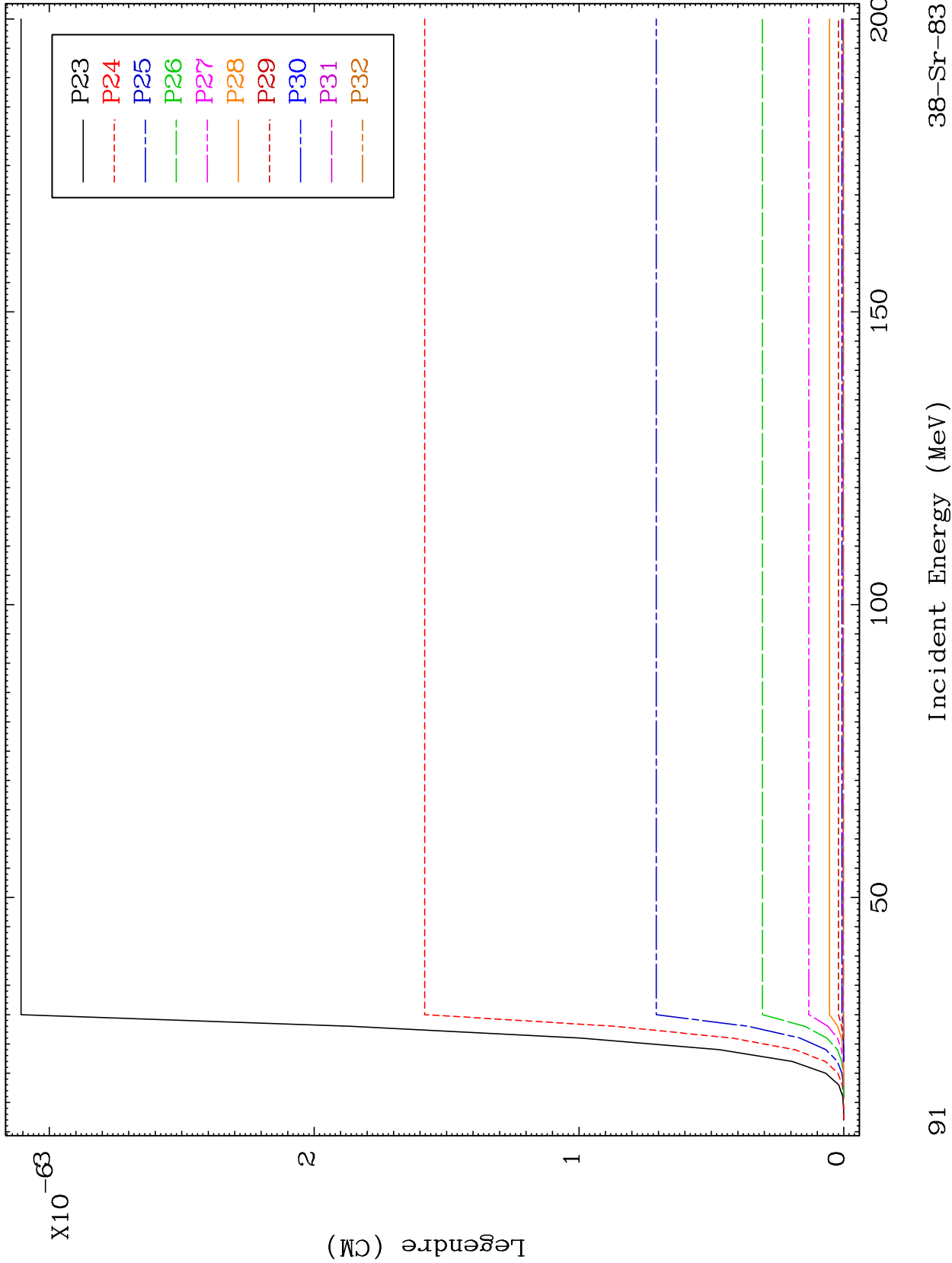
38-Sr-83

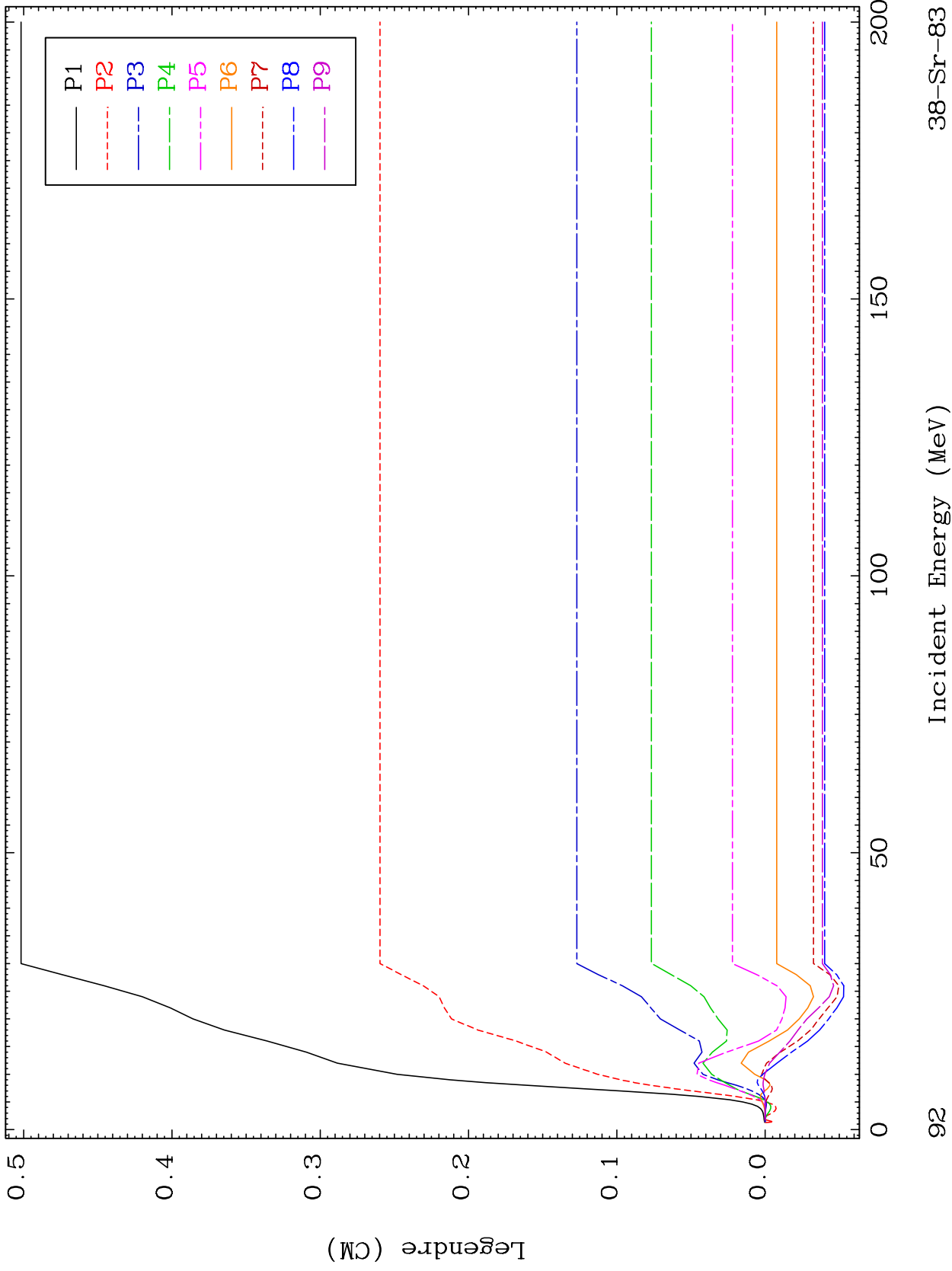


90

Incident Energy (MeV)

38-Sr-83

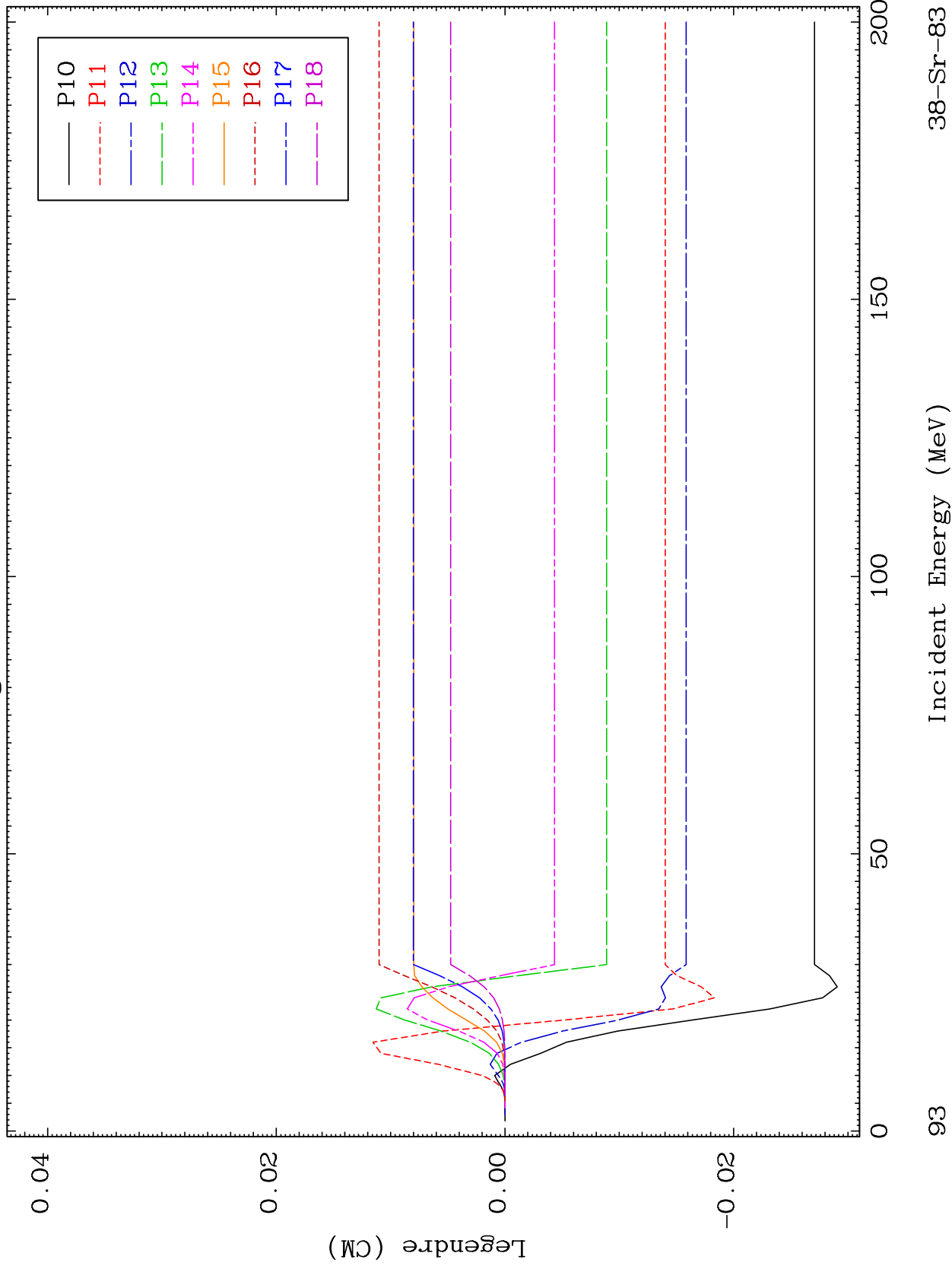




MAT 3822

1.233 MeV (n,n') Level
Legendre Coefficients

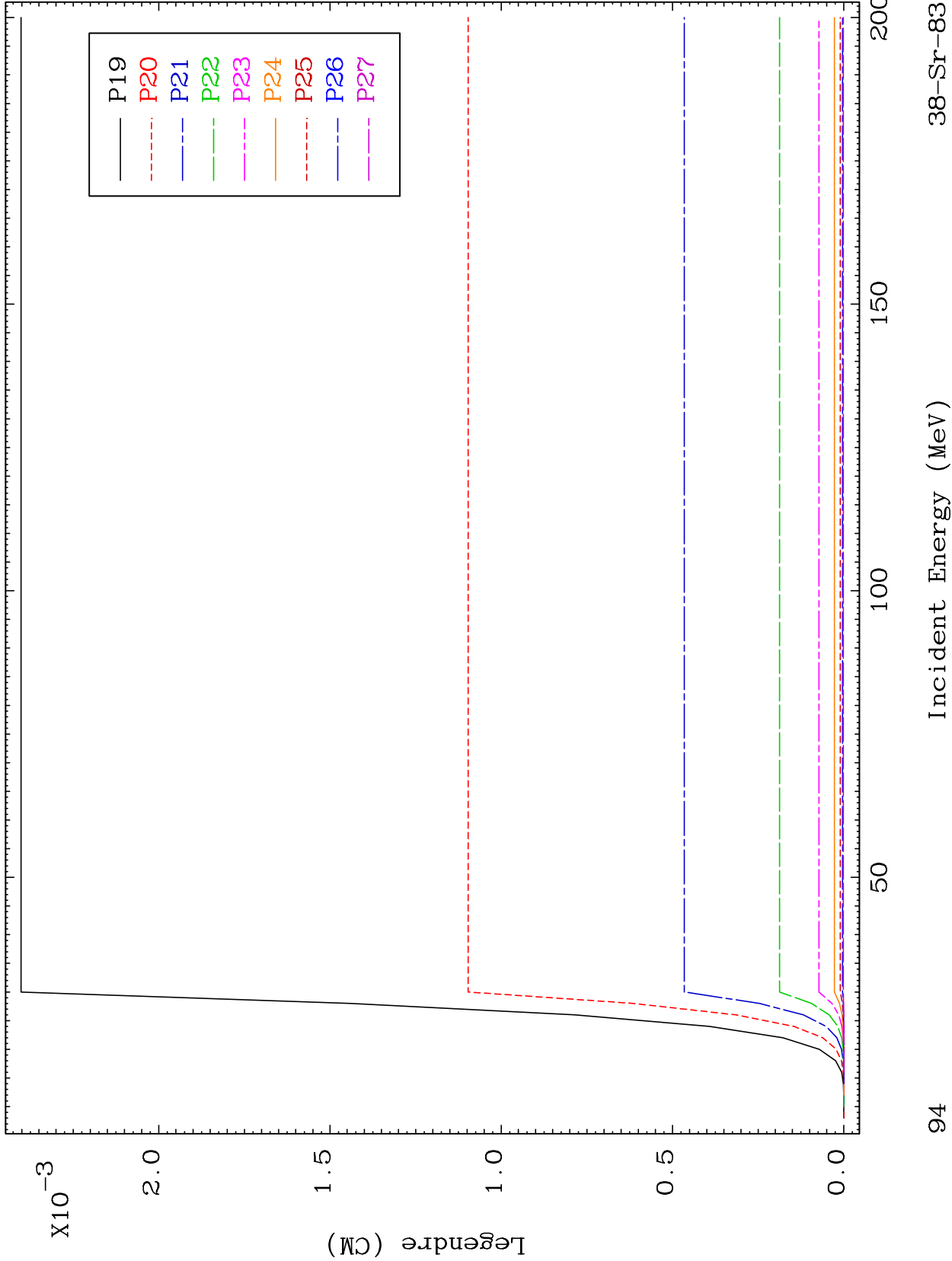
38-Sr-83



93

Incident Energy (MeV)

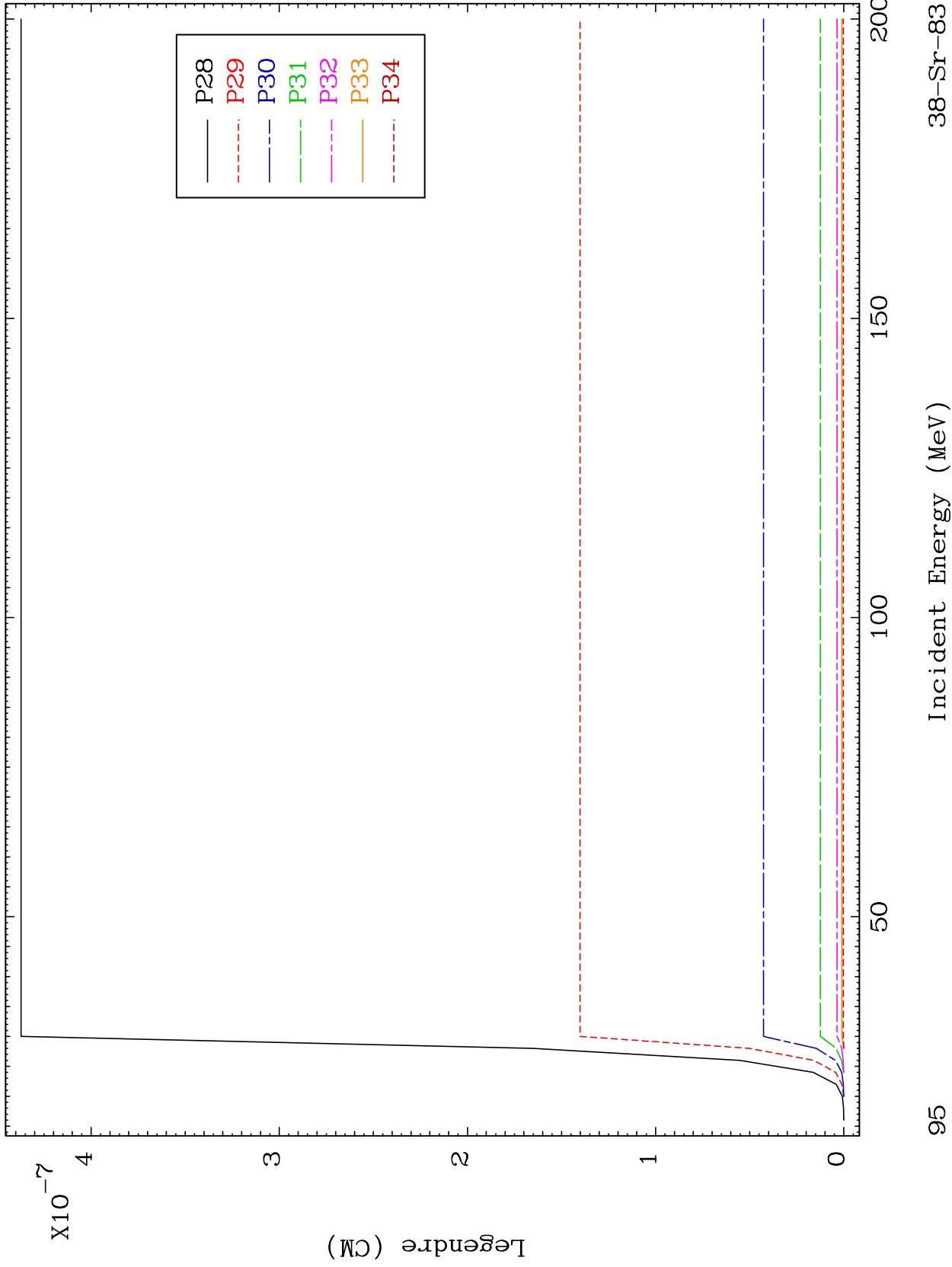
38-Sr-83



MAT 3822

1.233 MeV (n,n') Level
Legendre Coefficients

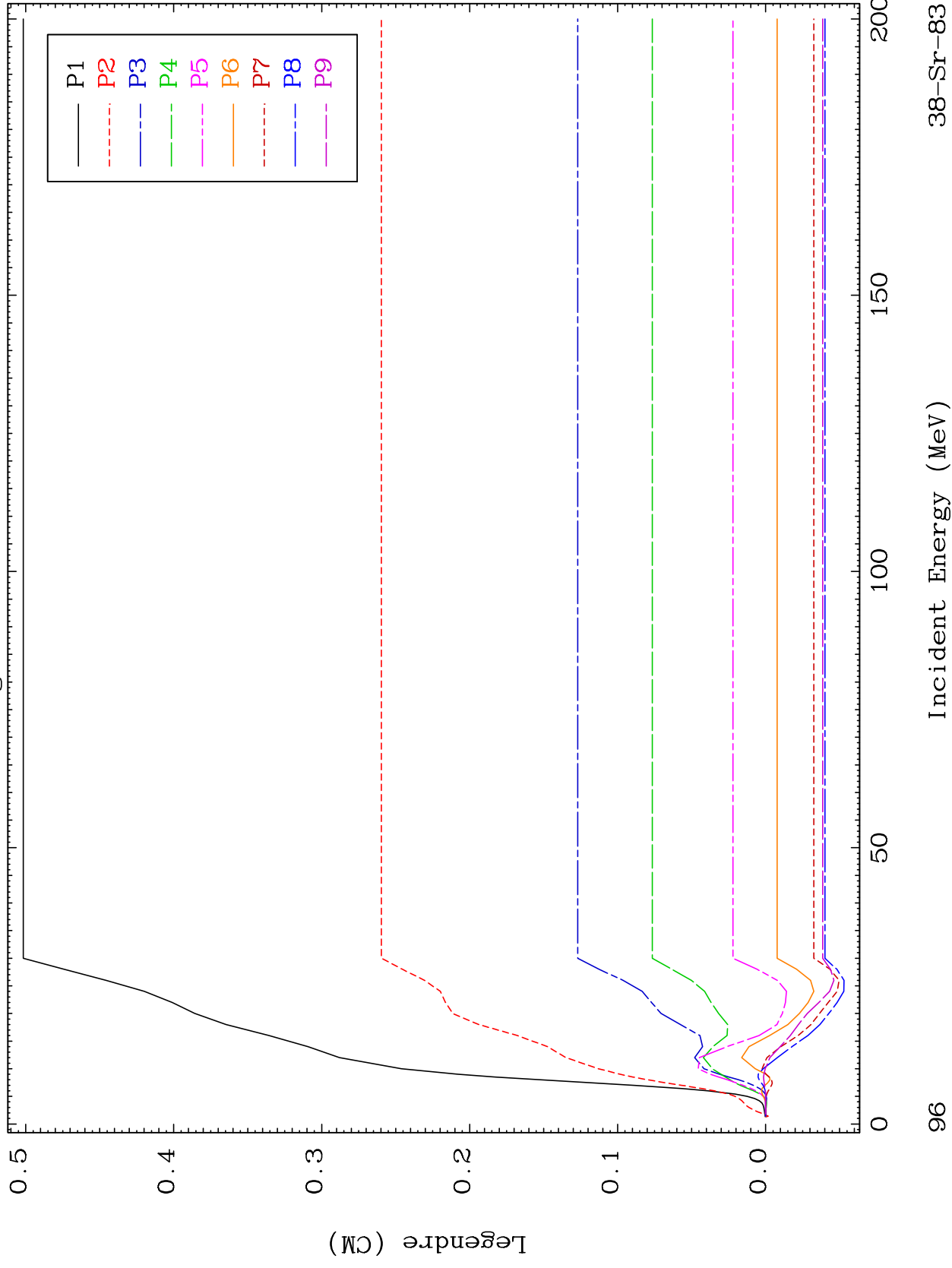
38-Sr-83



MAT 3822

1.239 MeV (n,n') Level
Legendre Coefficients

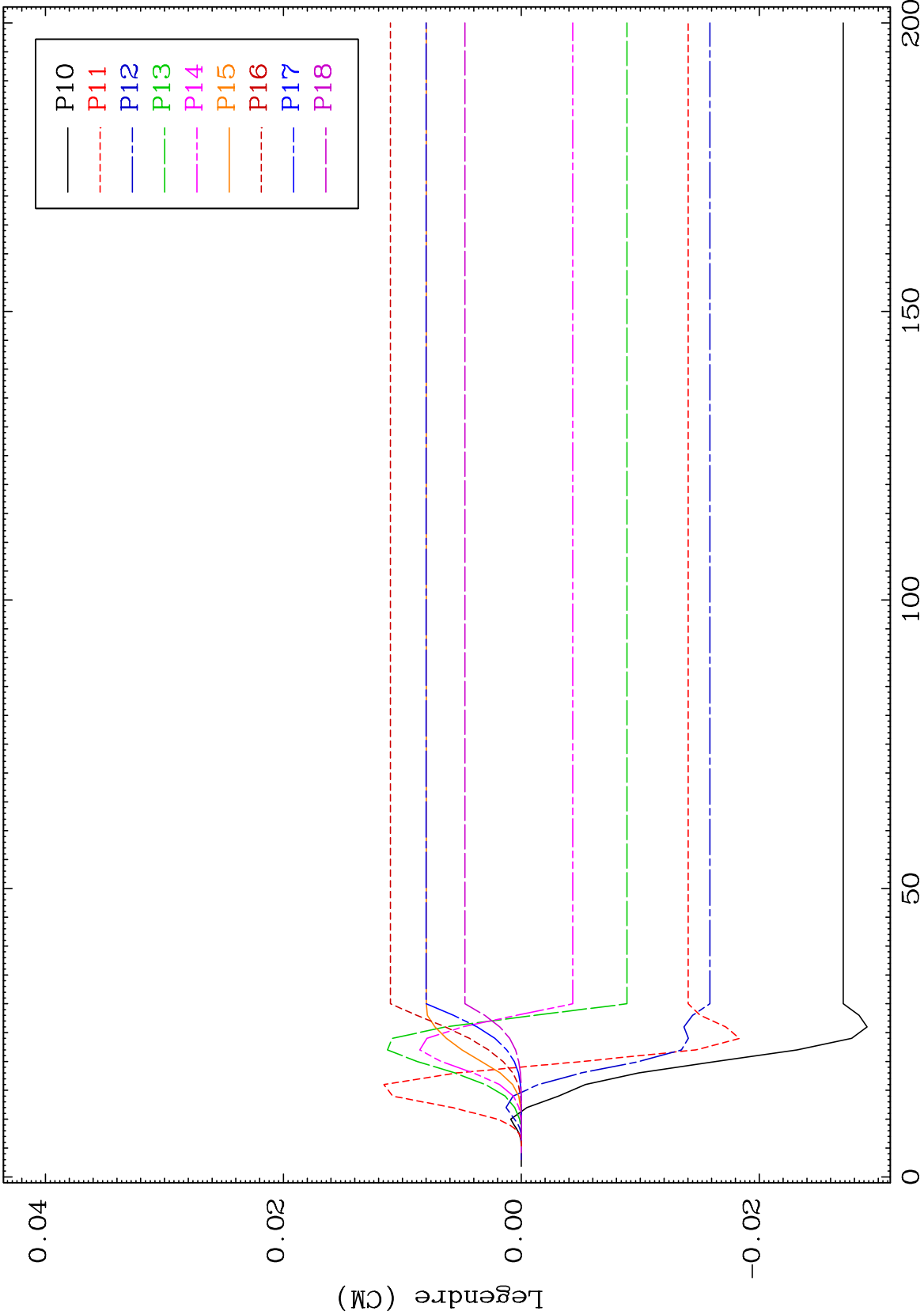
38-Sr-83



MAT 3822

1.239 MeV (n,n') Level
Legendre Coefficients

38-Sr-83



97

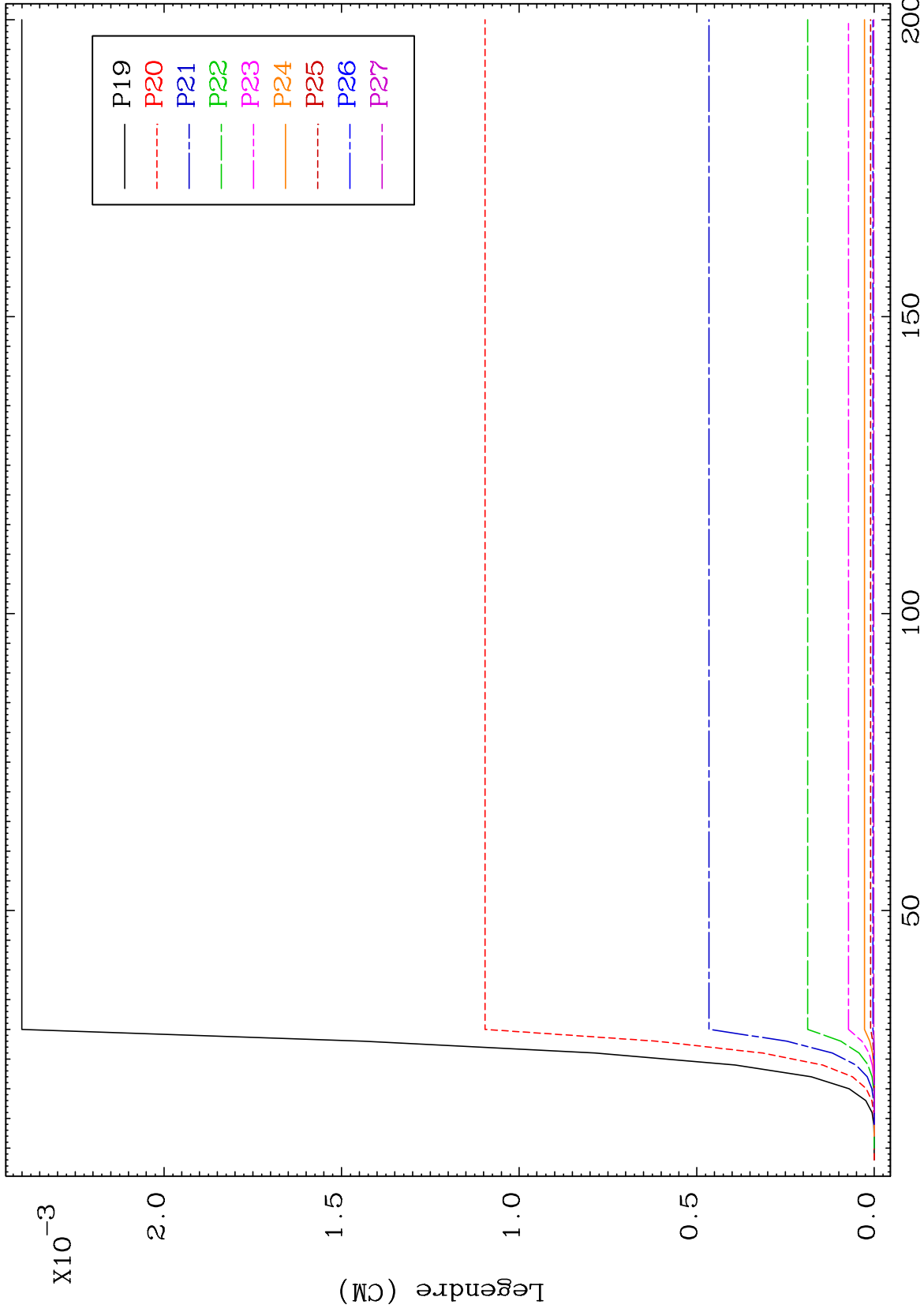
Incident Energy (MeV)

38-Sr-83

MAT 3822

1.239 MeV (n,n') Level
Legendre Coefficients

38-Sr-83



98

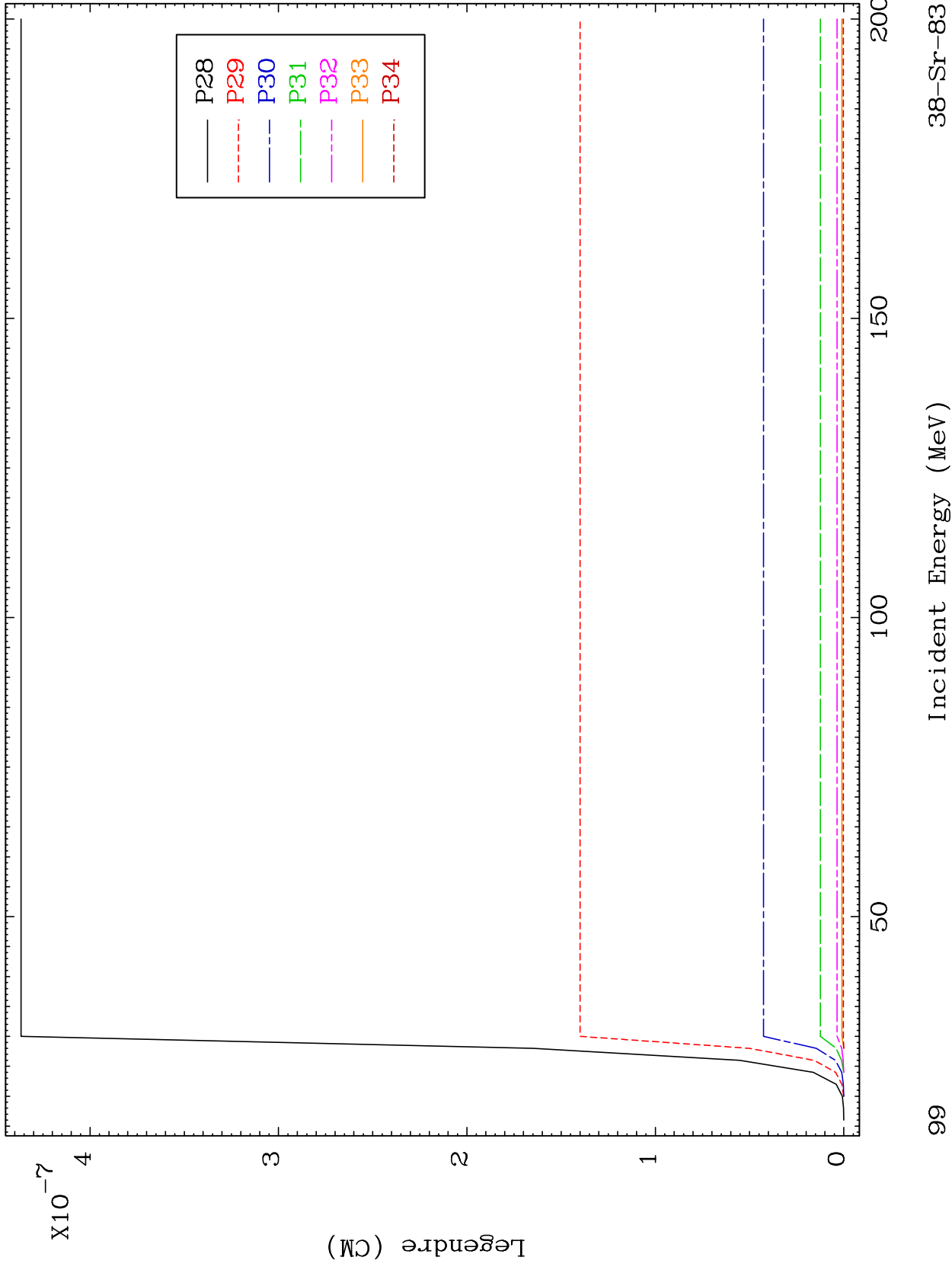
Incident Energy (MeV)

38-Sr-83

MAT 3822

1.239 MeV (n,n') Level
Legendre Coefficients

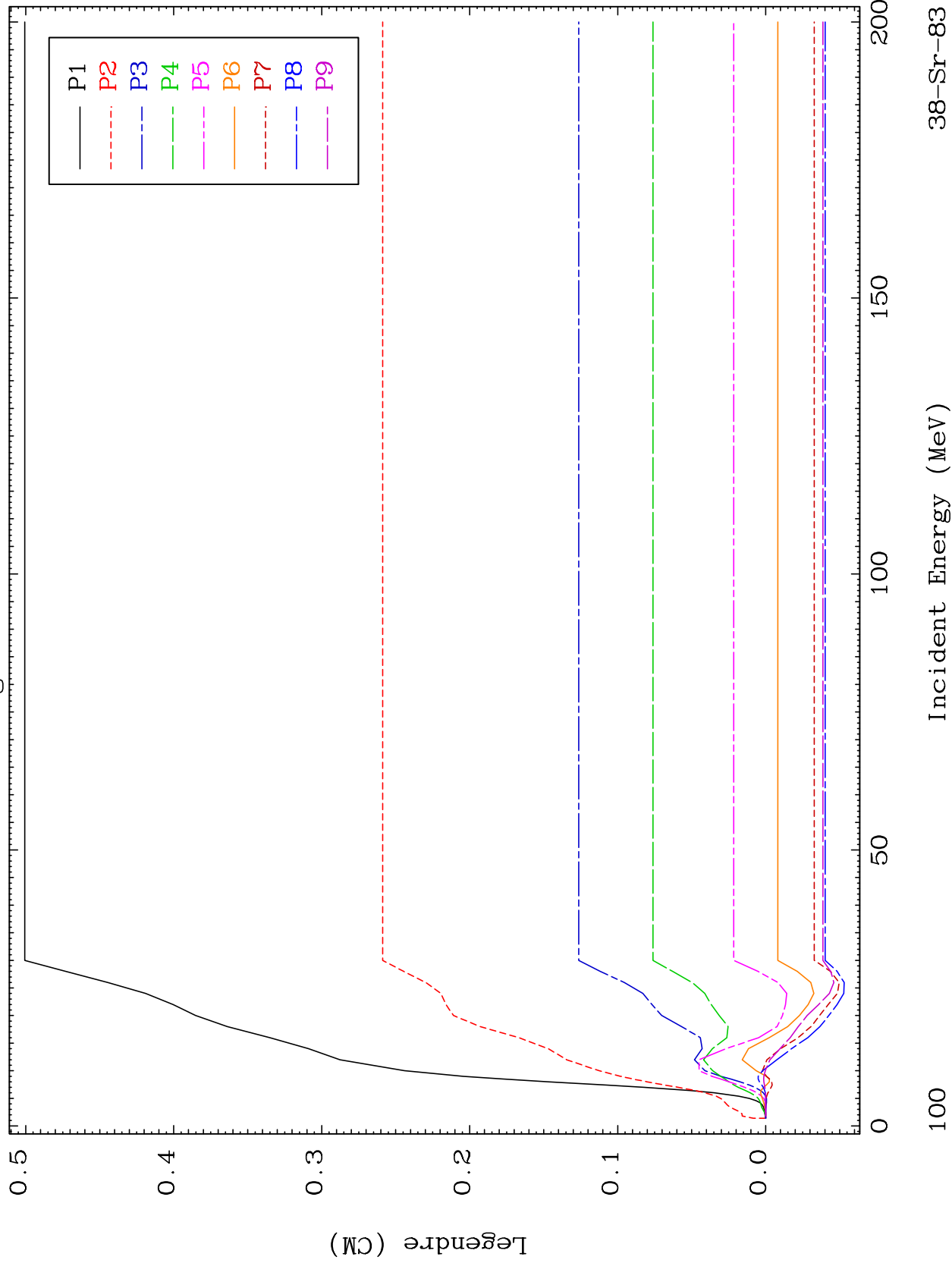
38-Sr-83



MAT 3822

1.366 MeV (n,n') Level
Legendre Coefficients

38-Sr-83



38-Sr-83

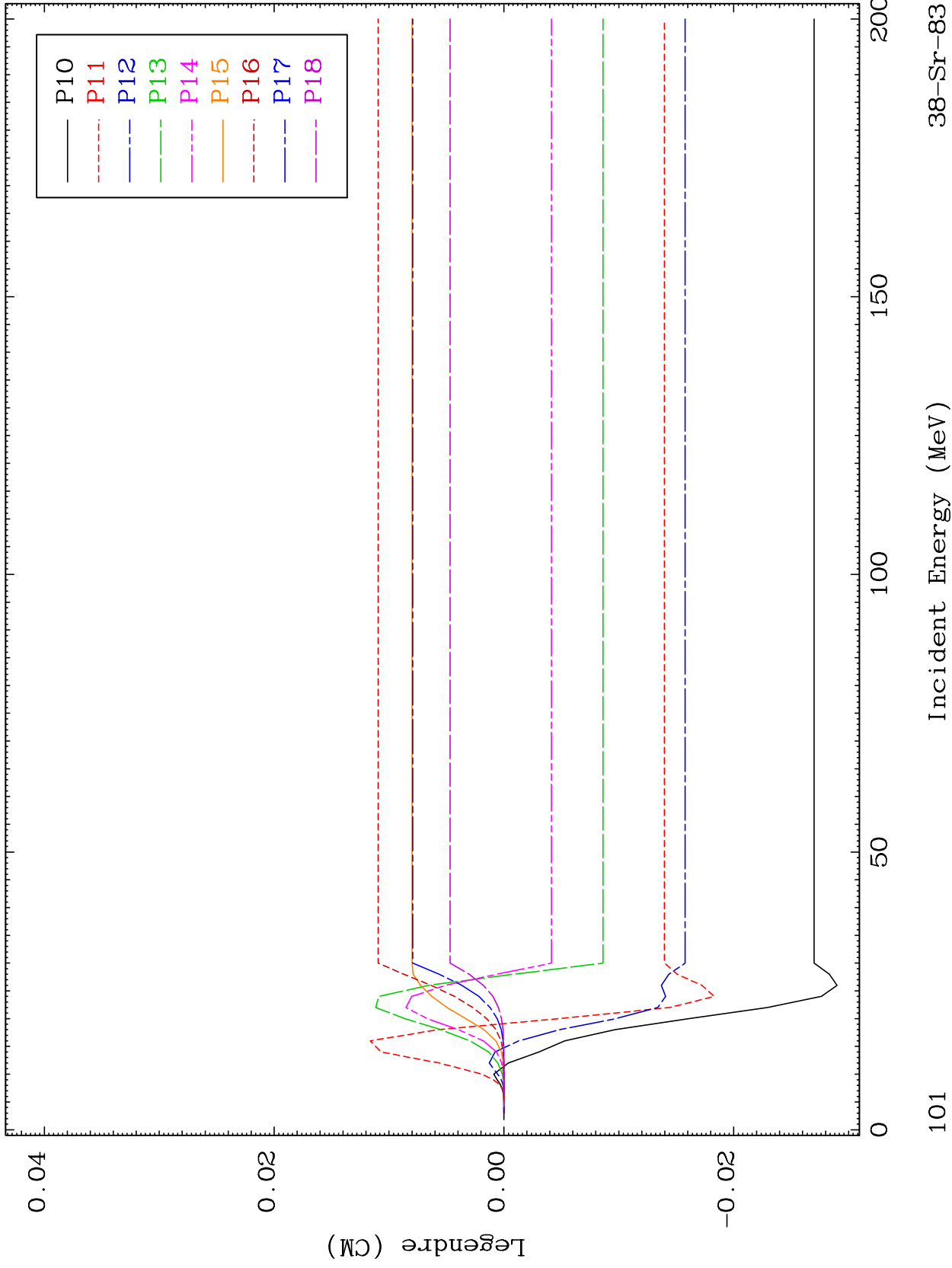
Incident Energy (MeV)

100

MAT 3822

1.366 MeV (n,n') Level
Legendre Coefficients

38-Sr-83



101

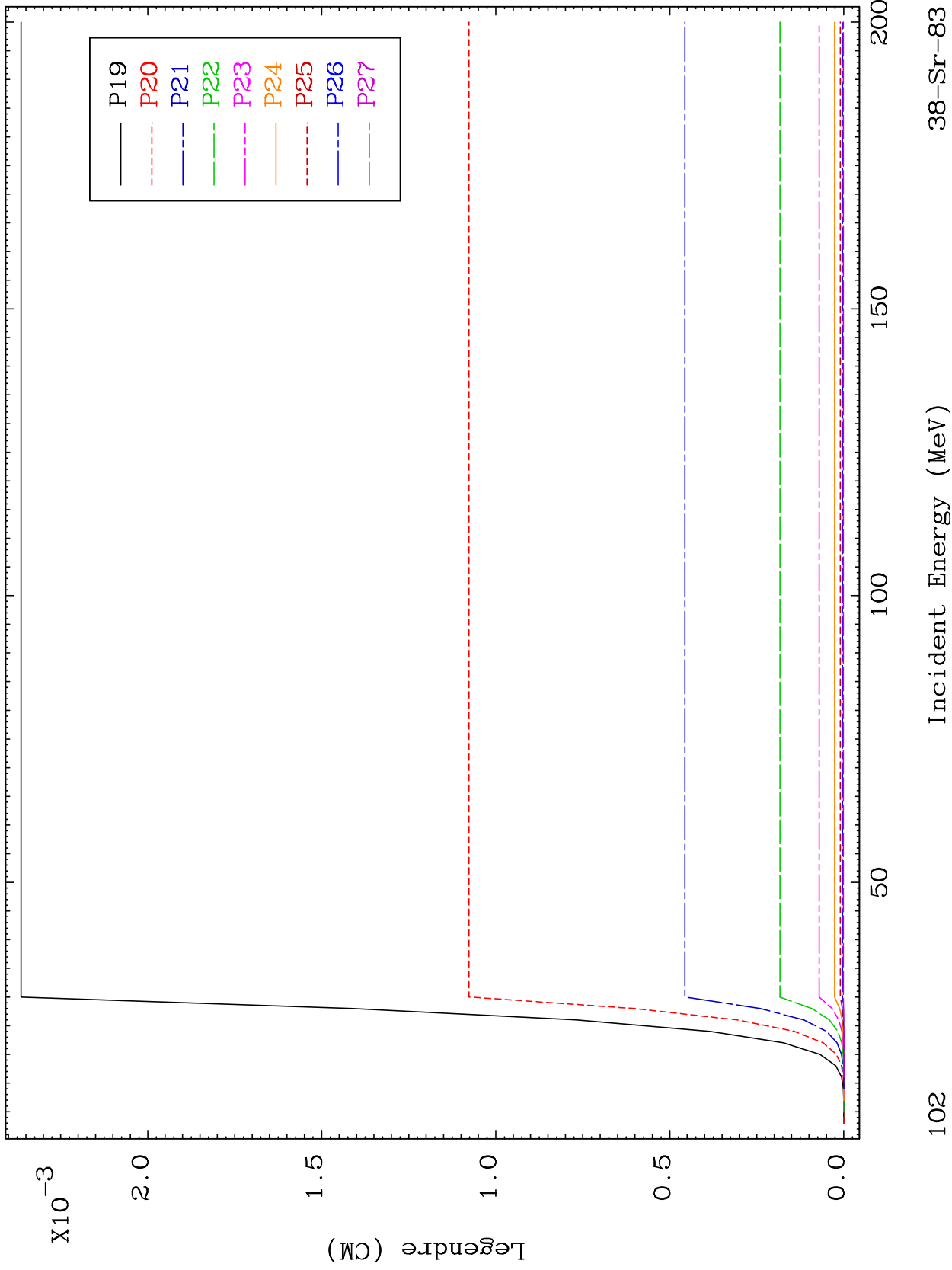
Incident Energy (MeV)

38-Sr-83

MAT 3822

1.366 MeV (n,n') Level
Legendre Coefficients

38-Sr-83



102

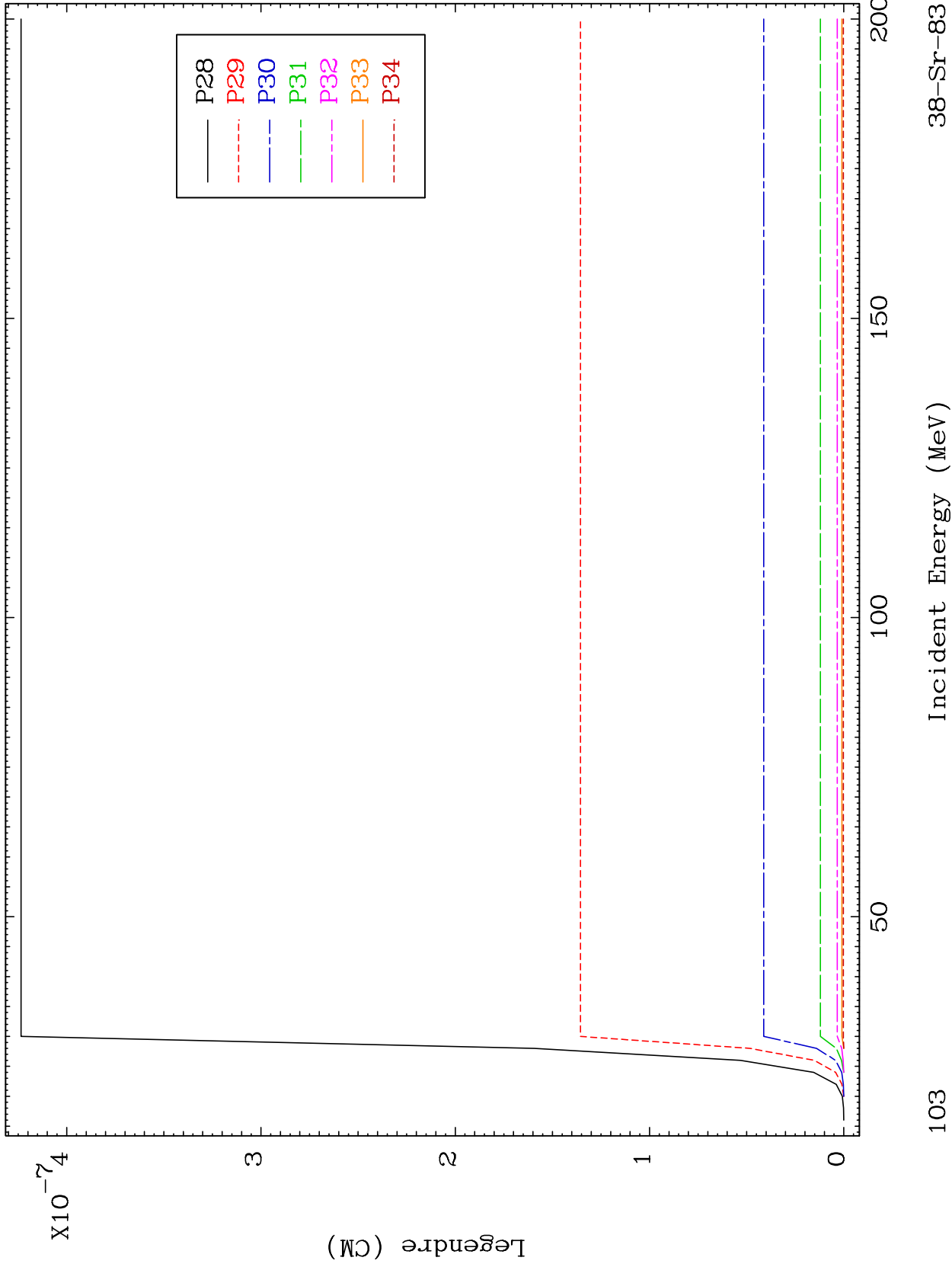
Incident Energy (MeV)

38-Sr-83

MAT 3822

1.366 MeV (n,n') Level
Legendre Coefficients

38-Sr-83



103

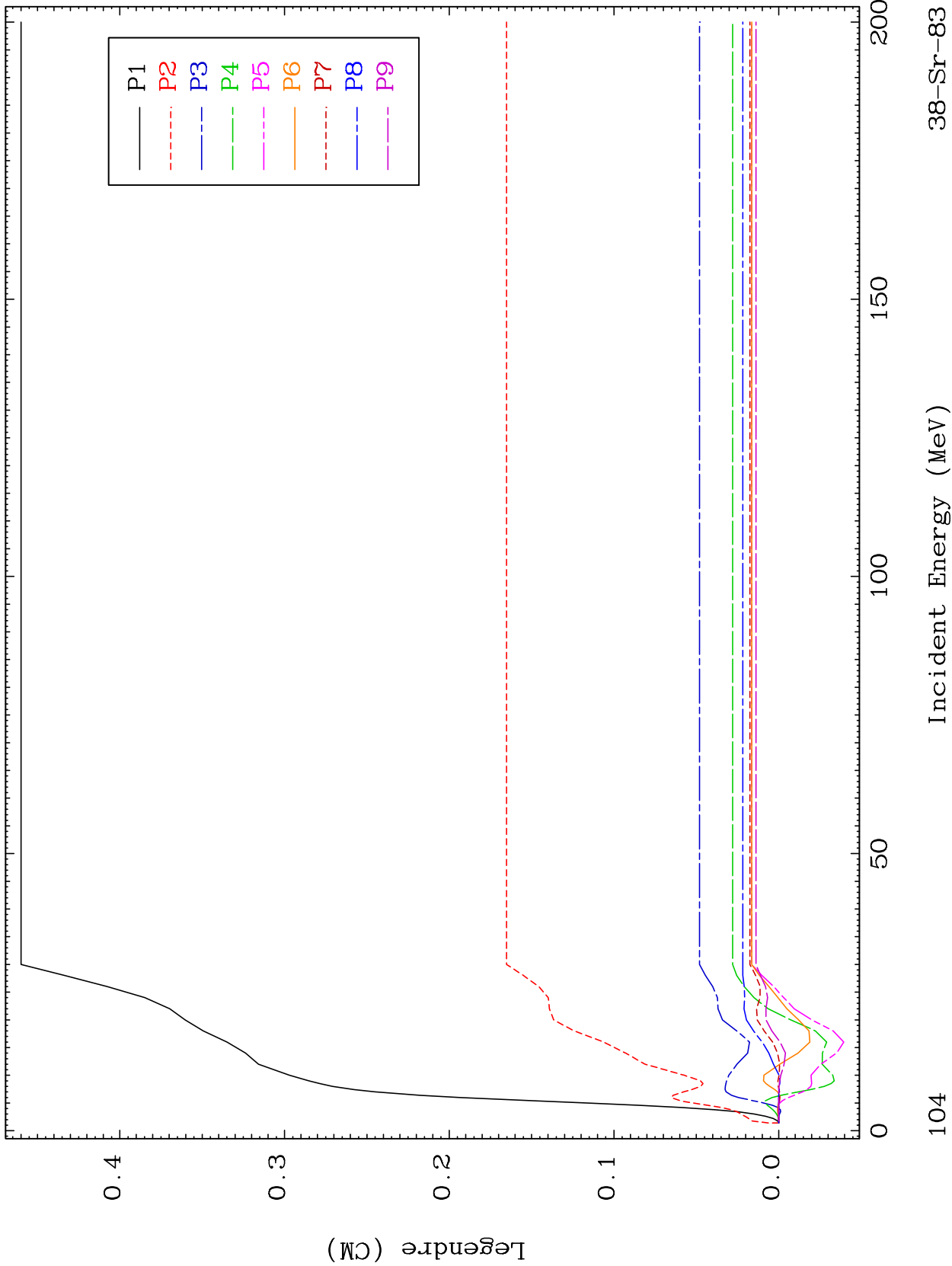
Incident Energy (MeV)

38-Sr-83

MAT 3822

1.372 MeV (n,n') Level
Legendre Coefficients

38-Sr-83



104

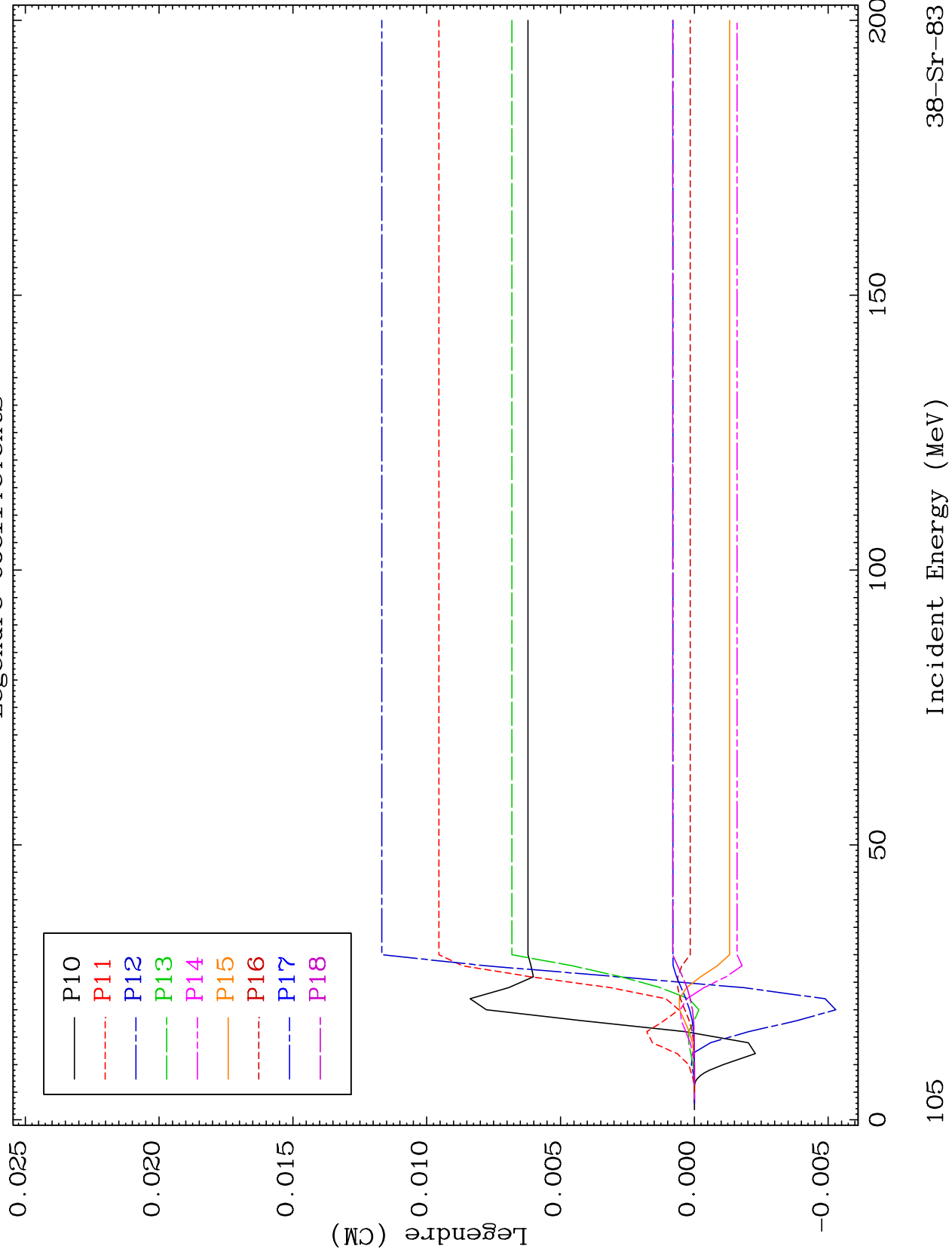
Incident Energy (MeV)

38-Sr-83

MAT 3822

1.372 MeV (n,n') Level
Legendre Coefficients

38-Sr-83



38-Sr-83

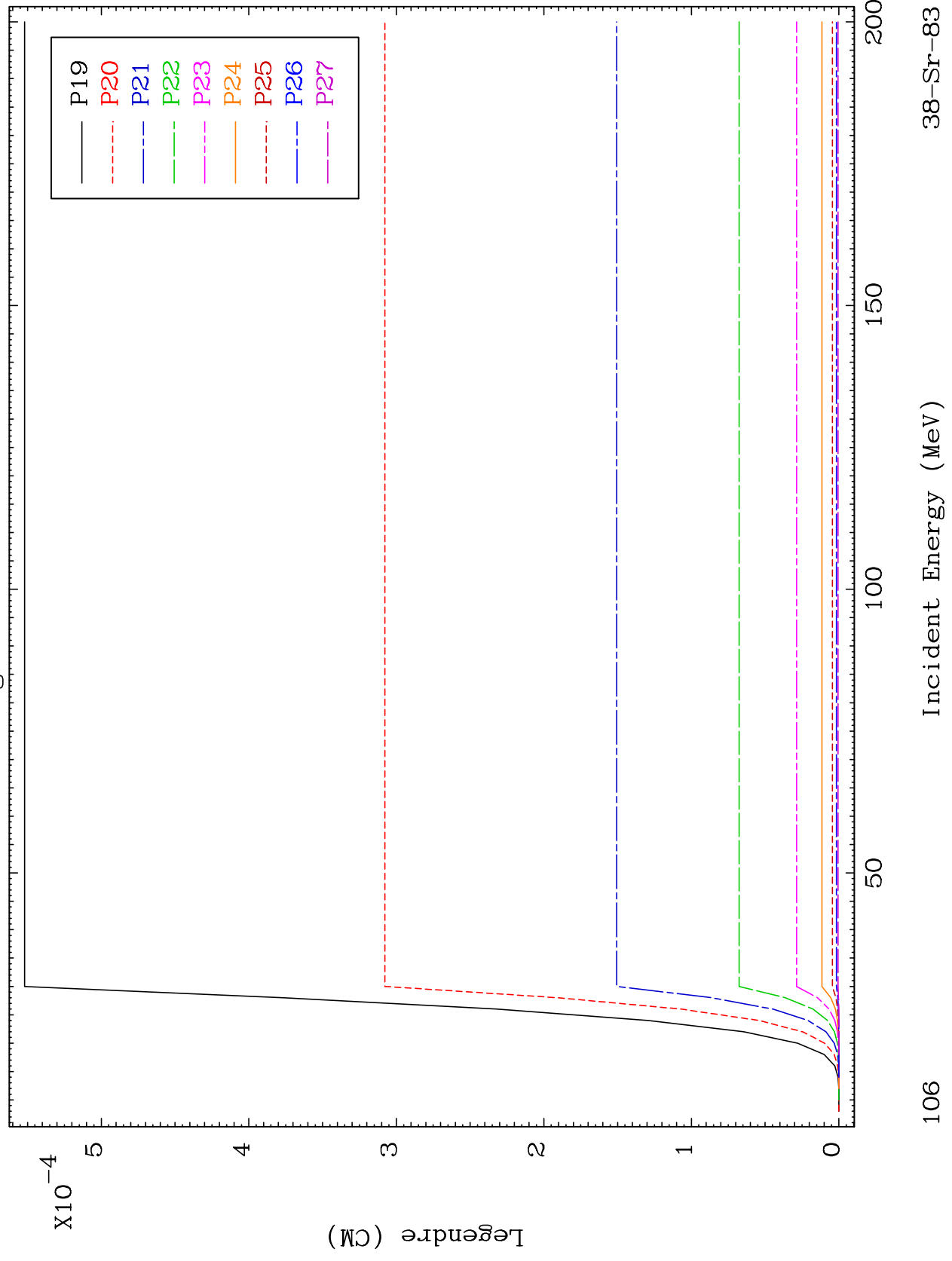
Incident Energy (MeV)

105

MAT 3822

1.372 MeV (n,n') Level
Legendre Coefficients

38-Sr-83



38-Sr-83

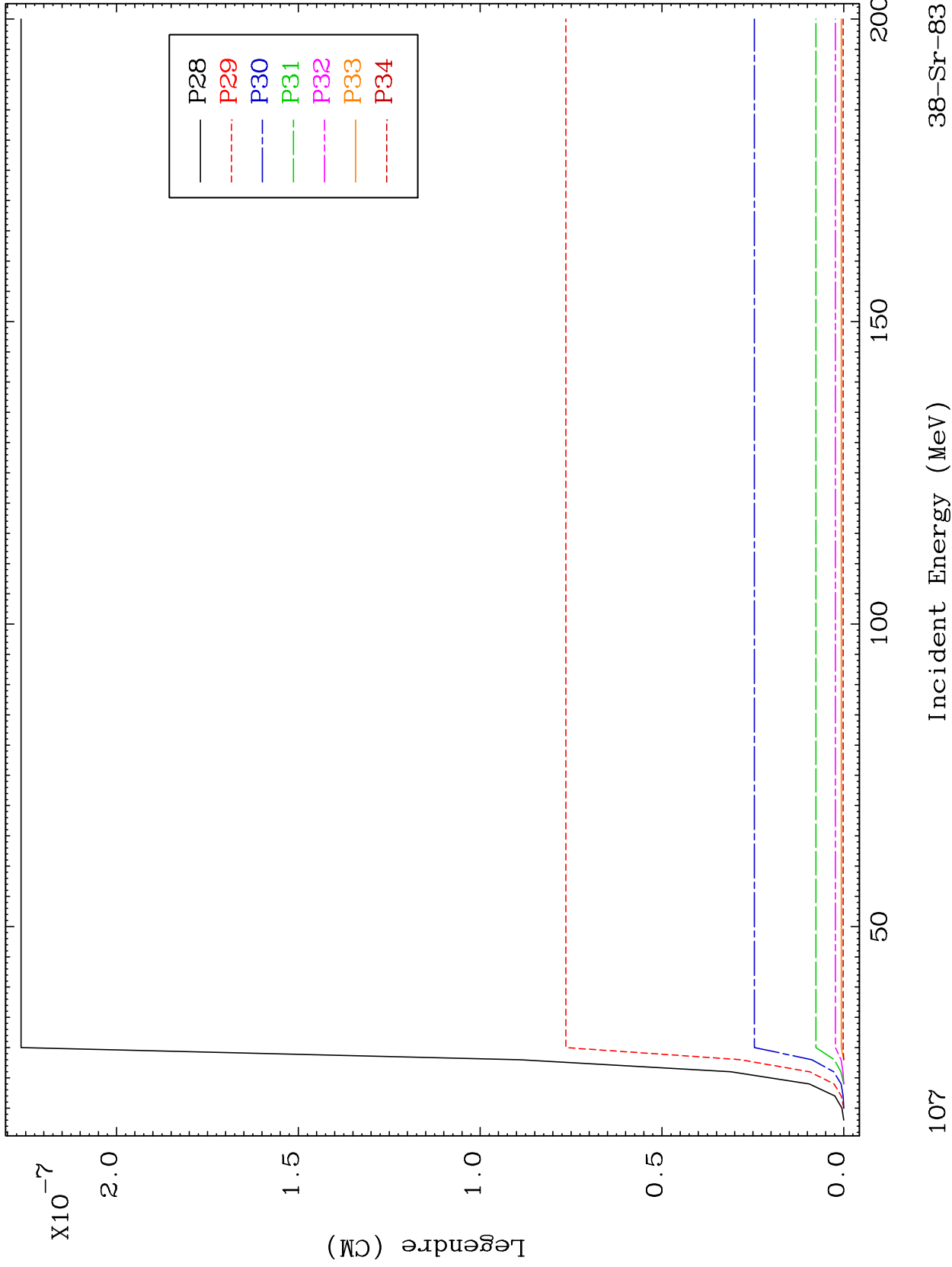
Incident Energy (MeV)

106

MAT 3822

1.372 MeV (n,n') Level
Legendre Coefficients

38-Sr-83



107

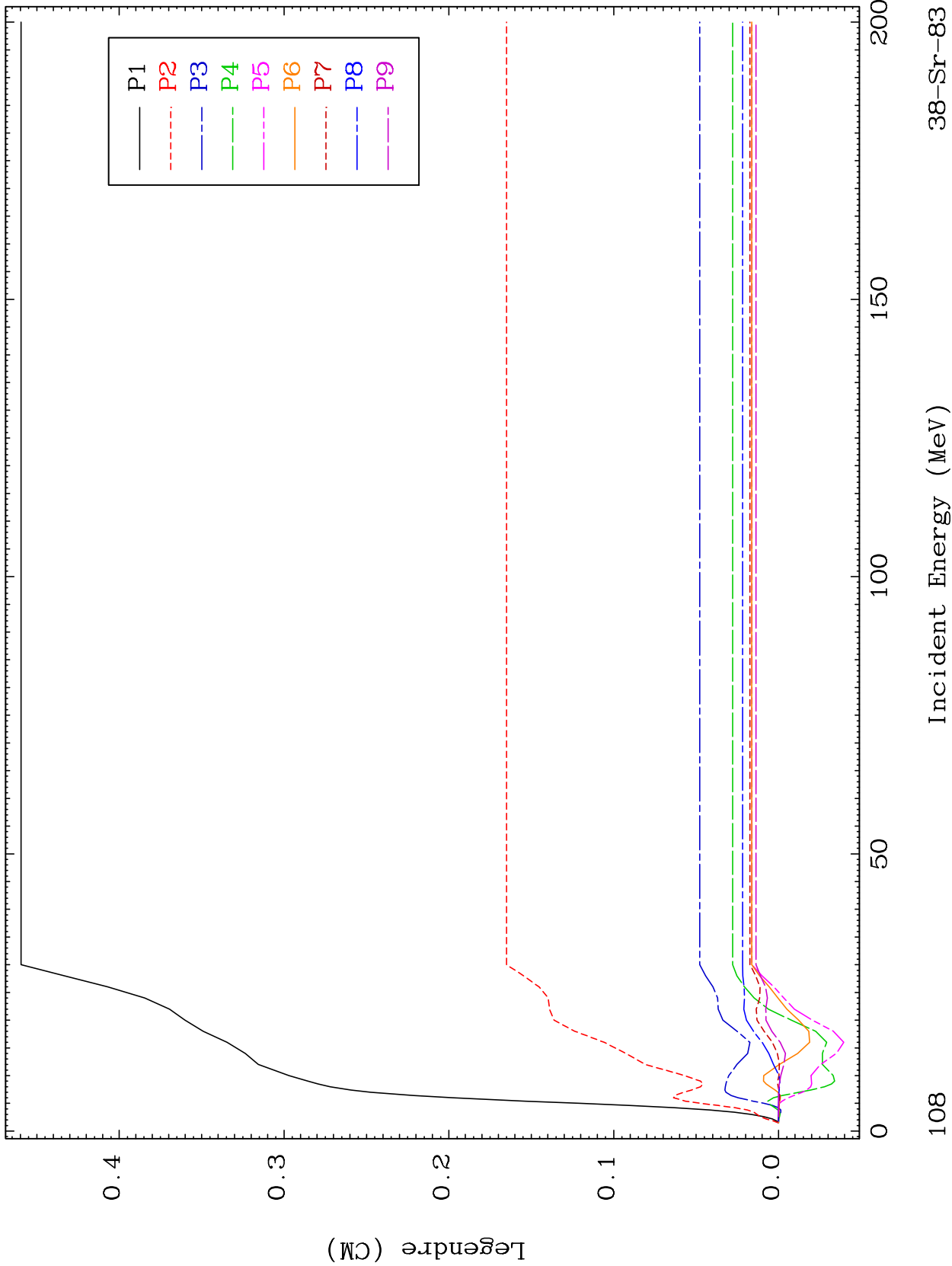
Incident Energy (MeV)

38-Sr-83

MAT 3822

1.434 MeV (n,n') Level
Legendre Coefficients

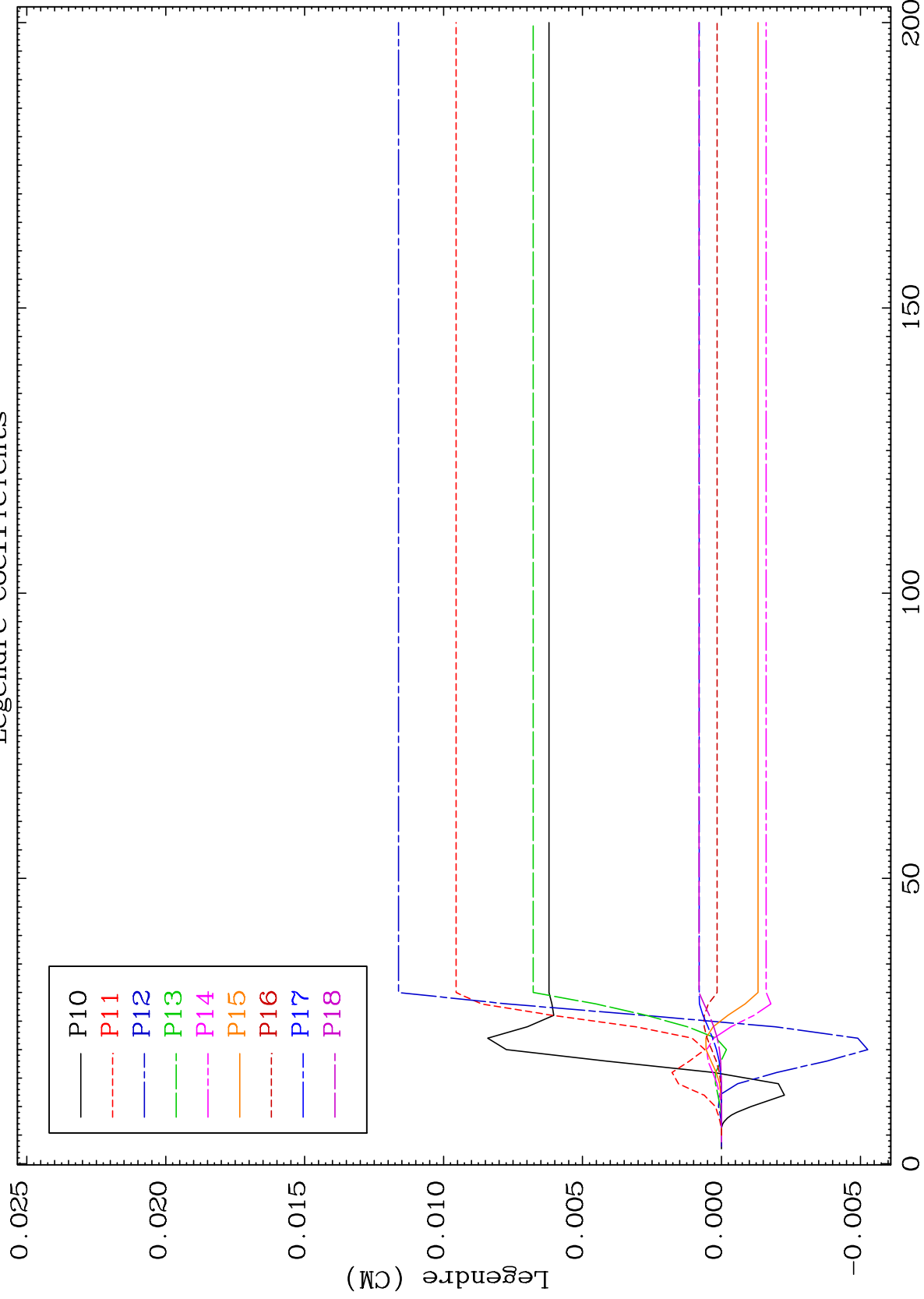
38-Sr-83



38-Sr-83

Incident Energy (MeV)

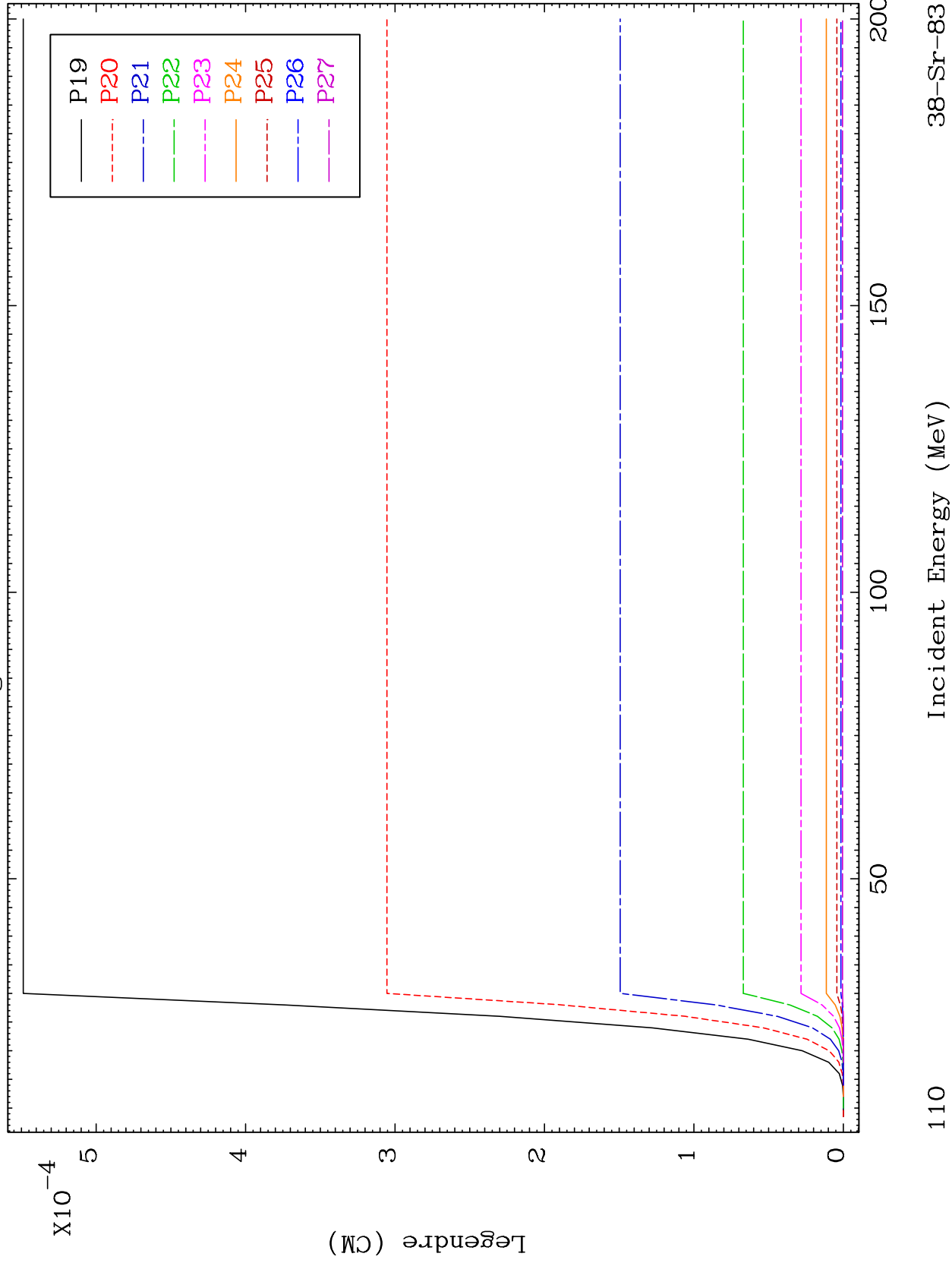
108



MAT 3822

1.434 MeV (n,n') Level
Legendre Coefficients

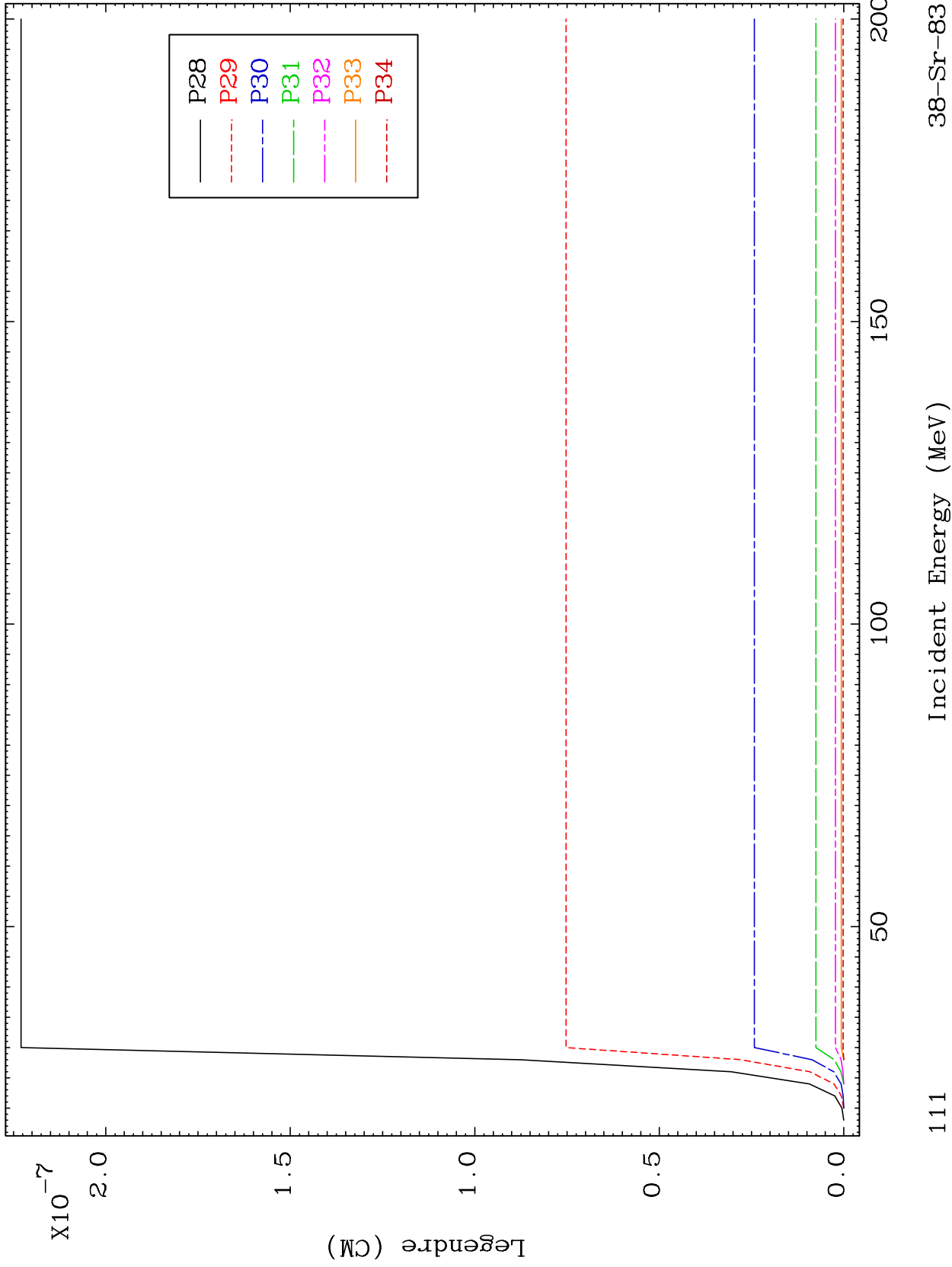
38-Sr-83



MAT 3822

1.434 MeV (n,n') Level
Legendre Coefficients

38-Sr-83



111

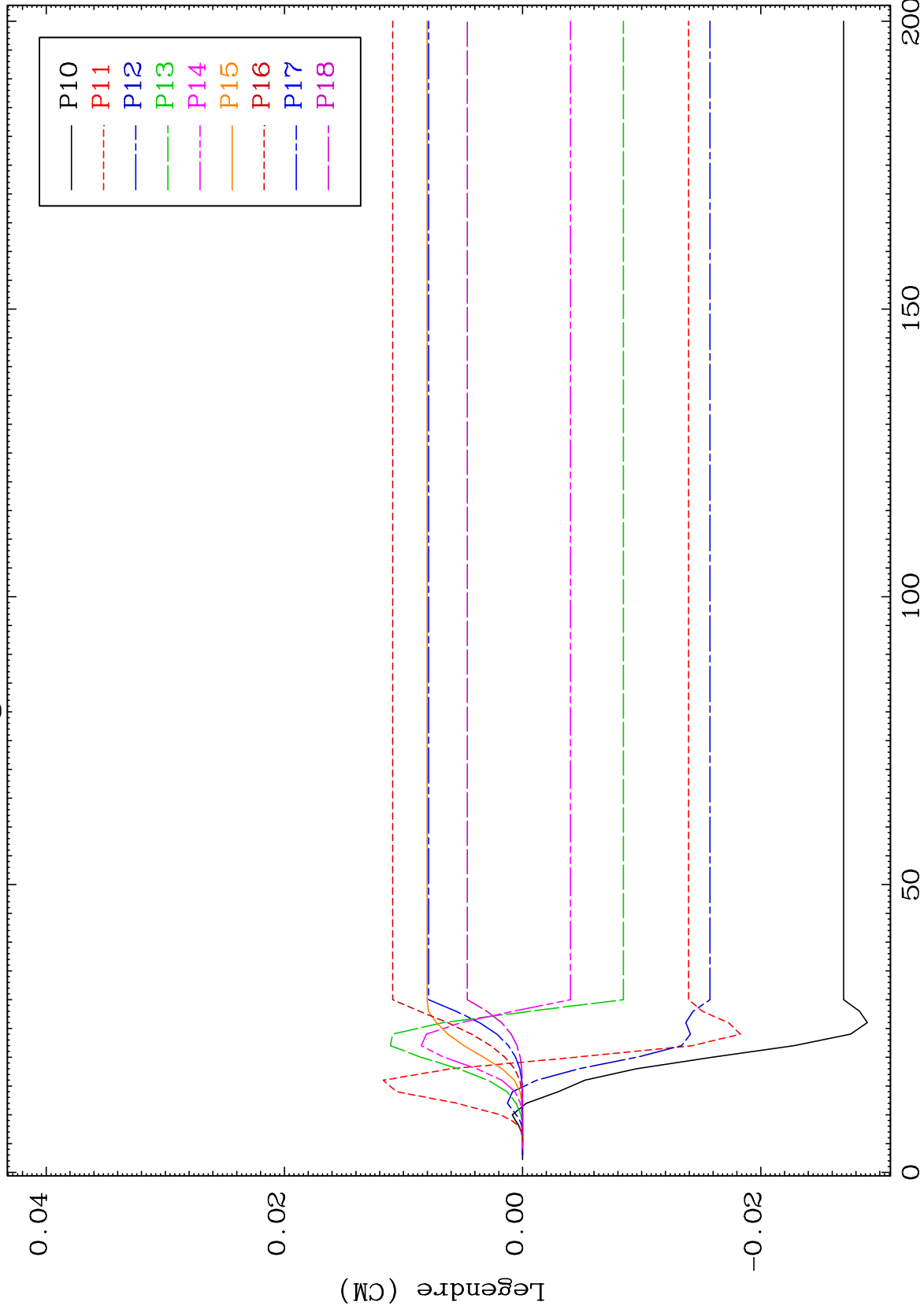
Incident Energy (MeV)

38-Sr-83

MAT 3822

1.448 MeV (n,n') Level
Legendre Coefficients

38-Sr-83



113

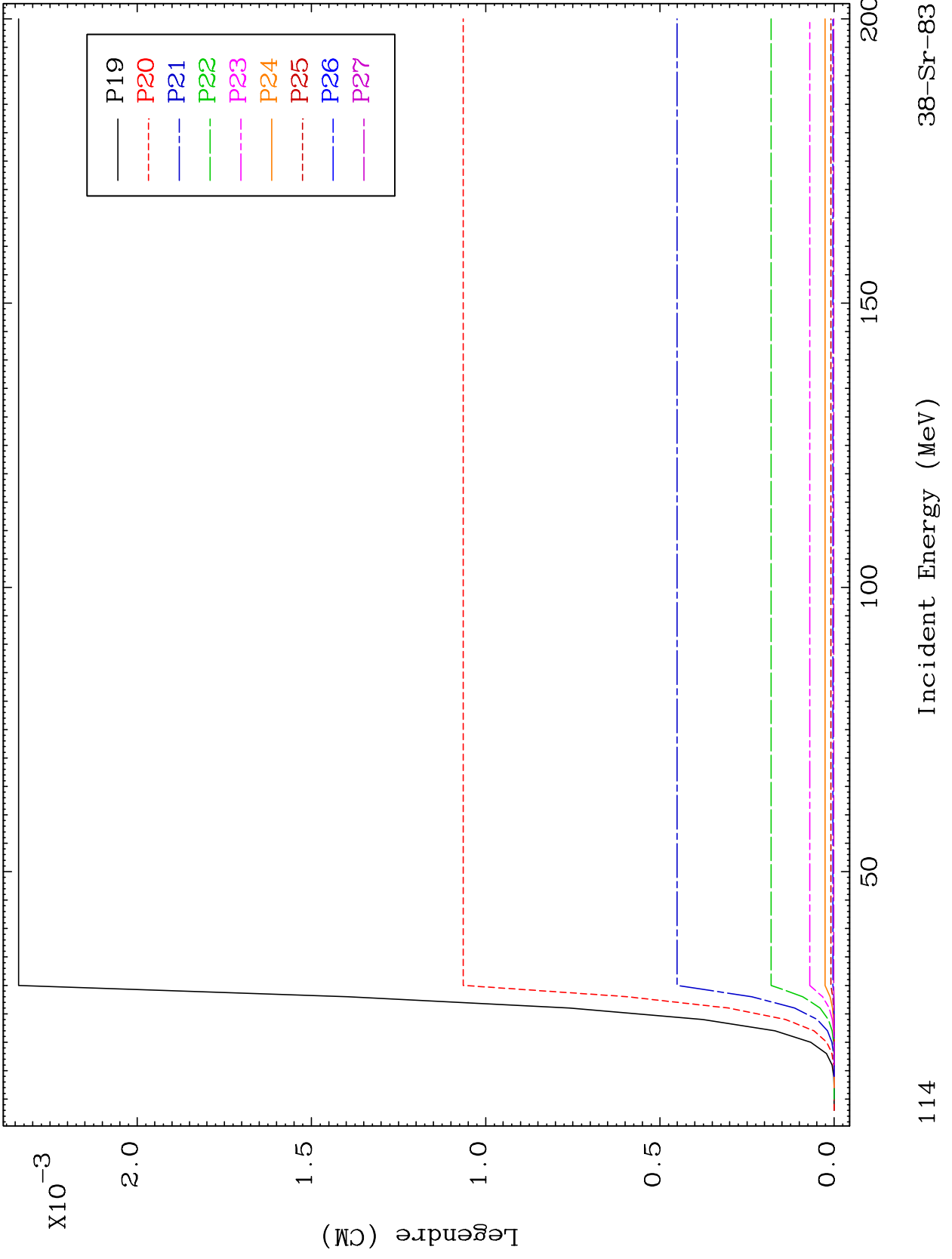
Incident Energy (MeV)

38-Sr-83

MAT 3822

1.448 MeV (n,n') Level
Legendre Coefficients

38-Sr-83



114

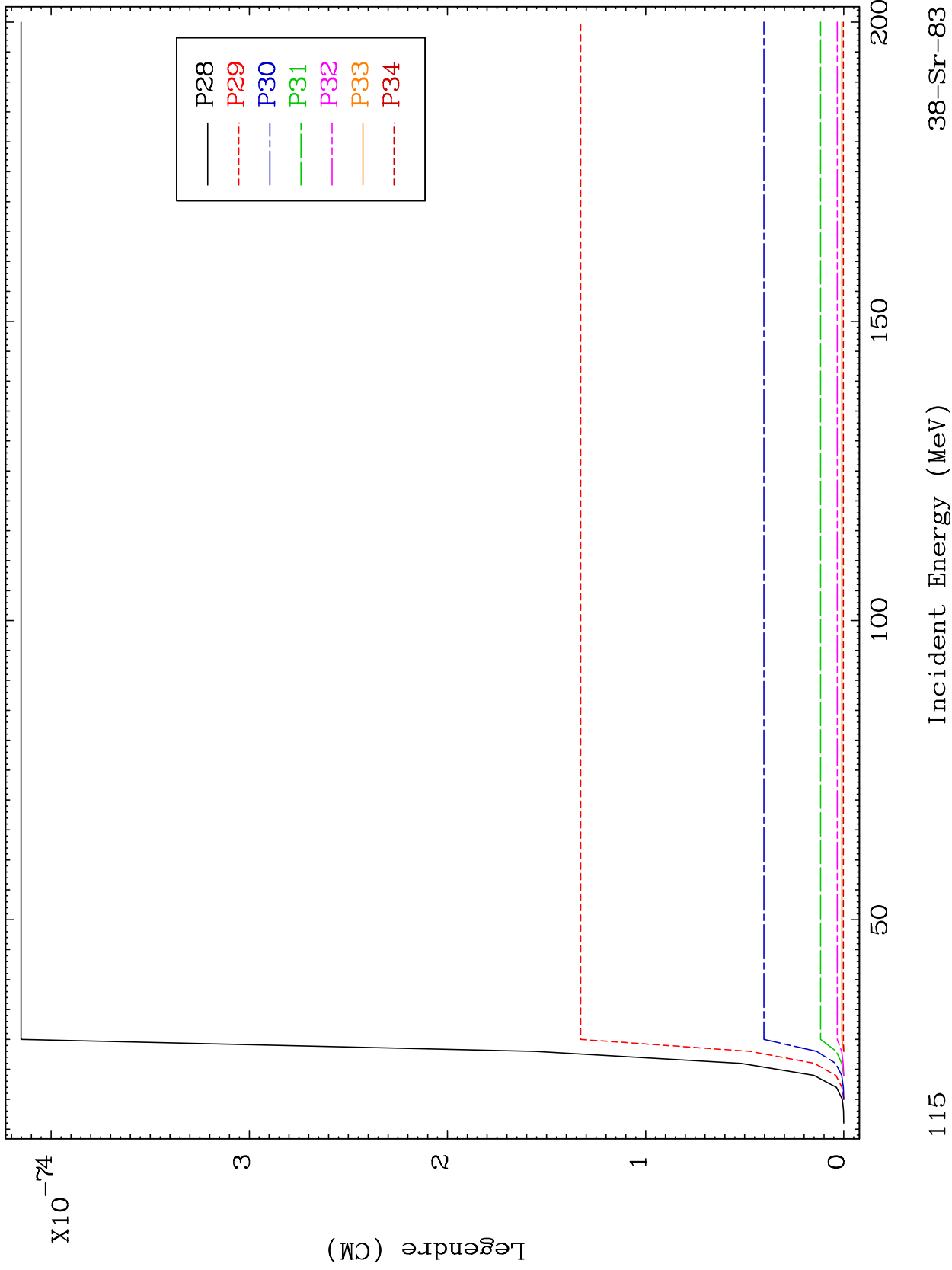
Incident Energy (MeV)

38-Sr-83

MAT 3822

1.448 MeV (n,n') Level
Legendre Coefficients

38-Sr-83



38-Sr-83

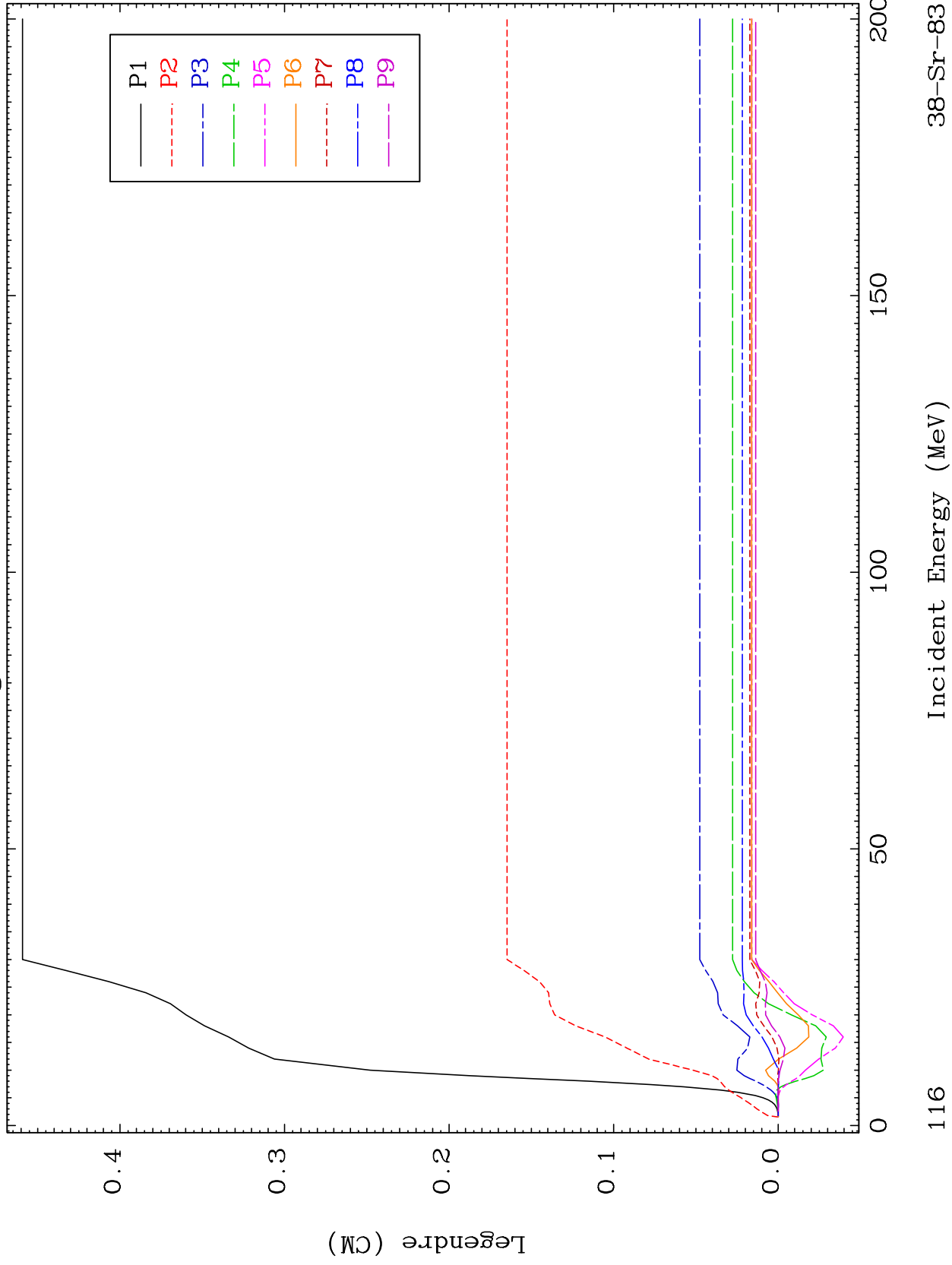
Incident Energy (MeV)

115

MAT 3822

1.499 MeV (n,n') Level
Legendre Coefficients

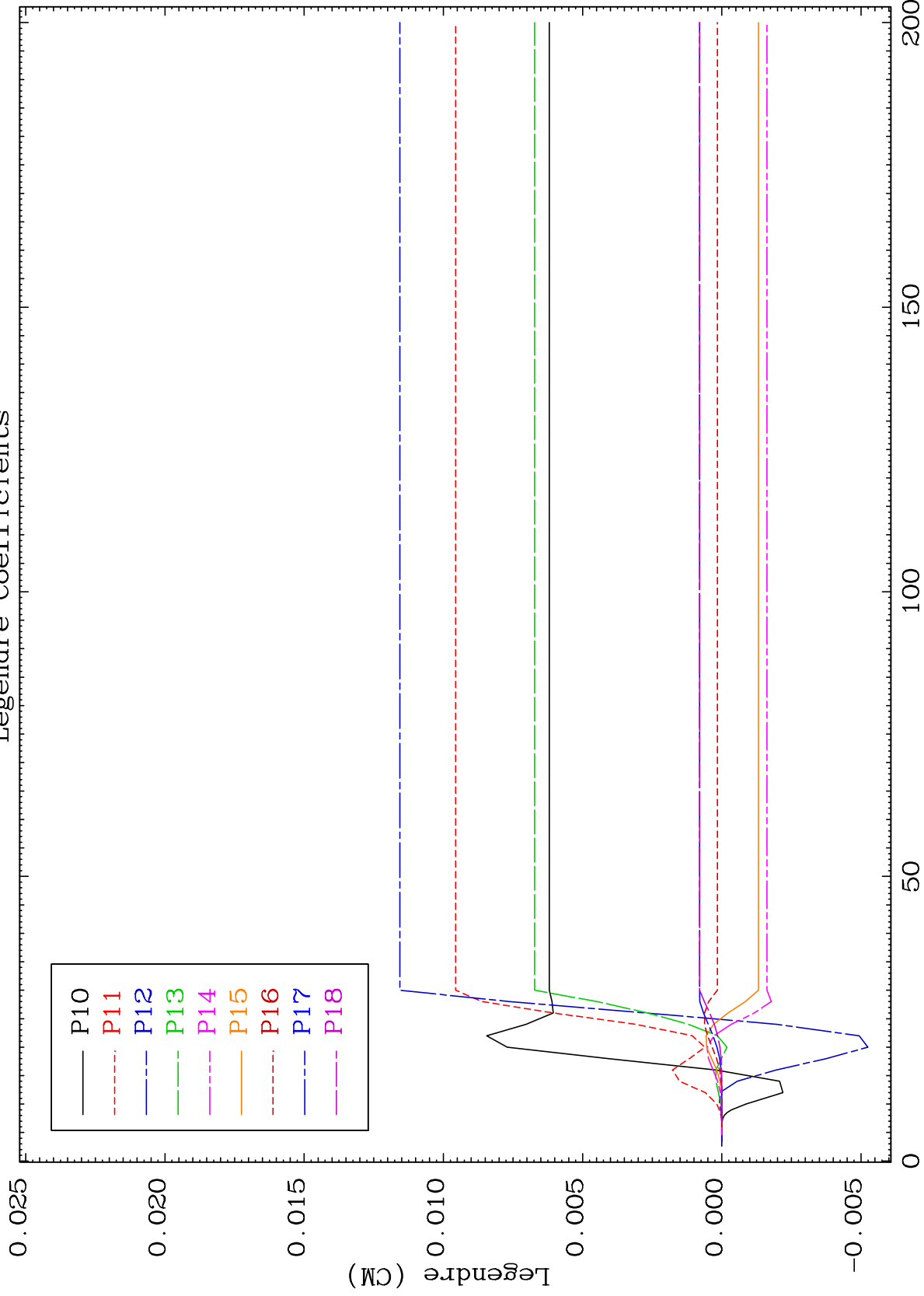
38-Sr-83



38-Sr-83

Incident Energy (MeV)

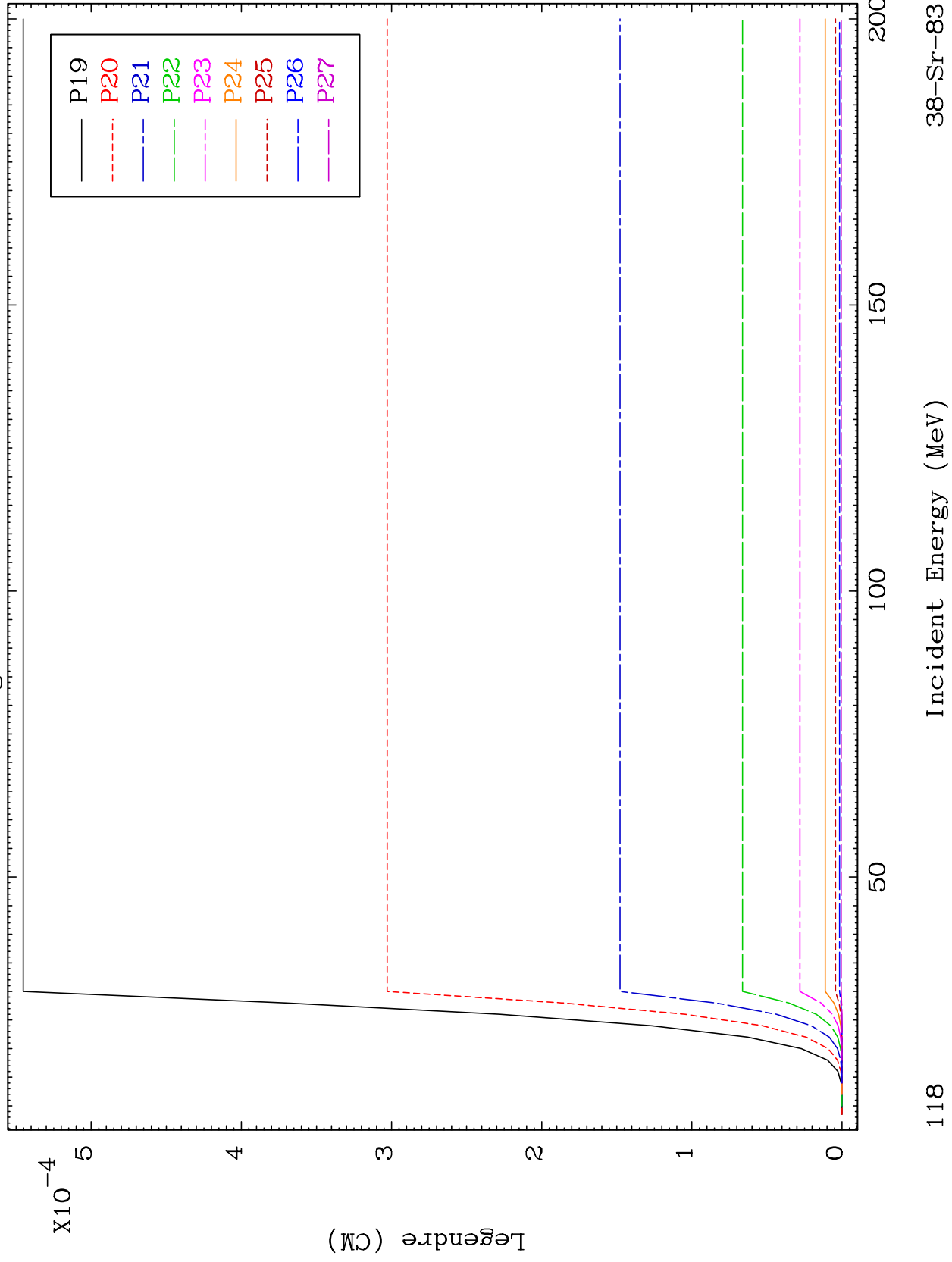
116



MAT 3822

1.499 MeV (n,n') Level
Legendre Coefficients

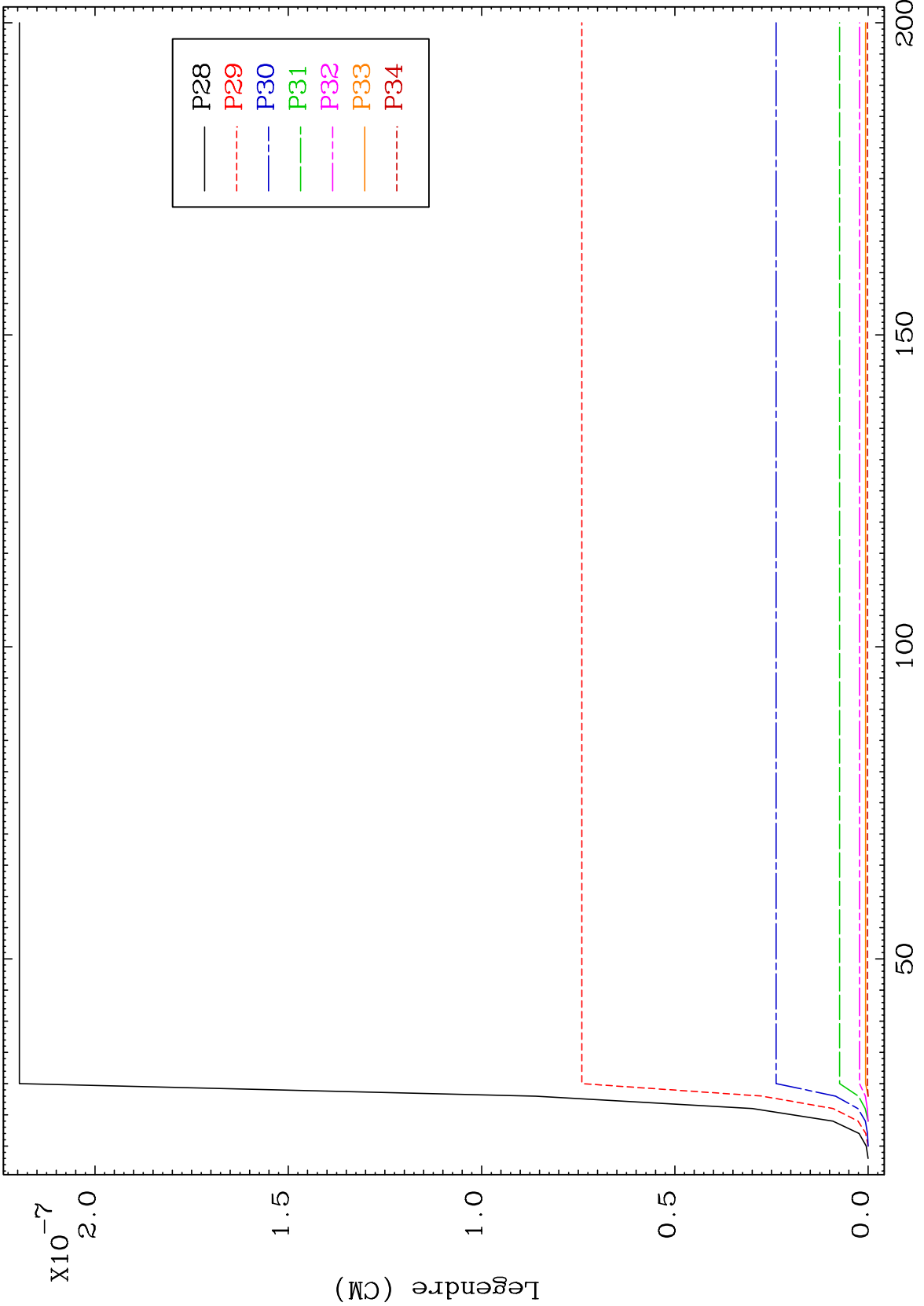
38-Sr-83



MAT 3822

1.499 MeV (n,n') Level
Legendre Coefficients

38-Sr-83



119

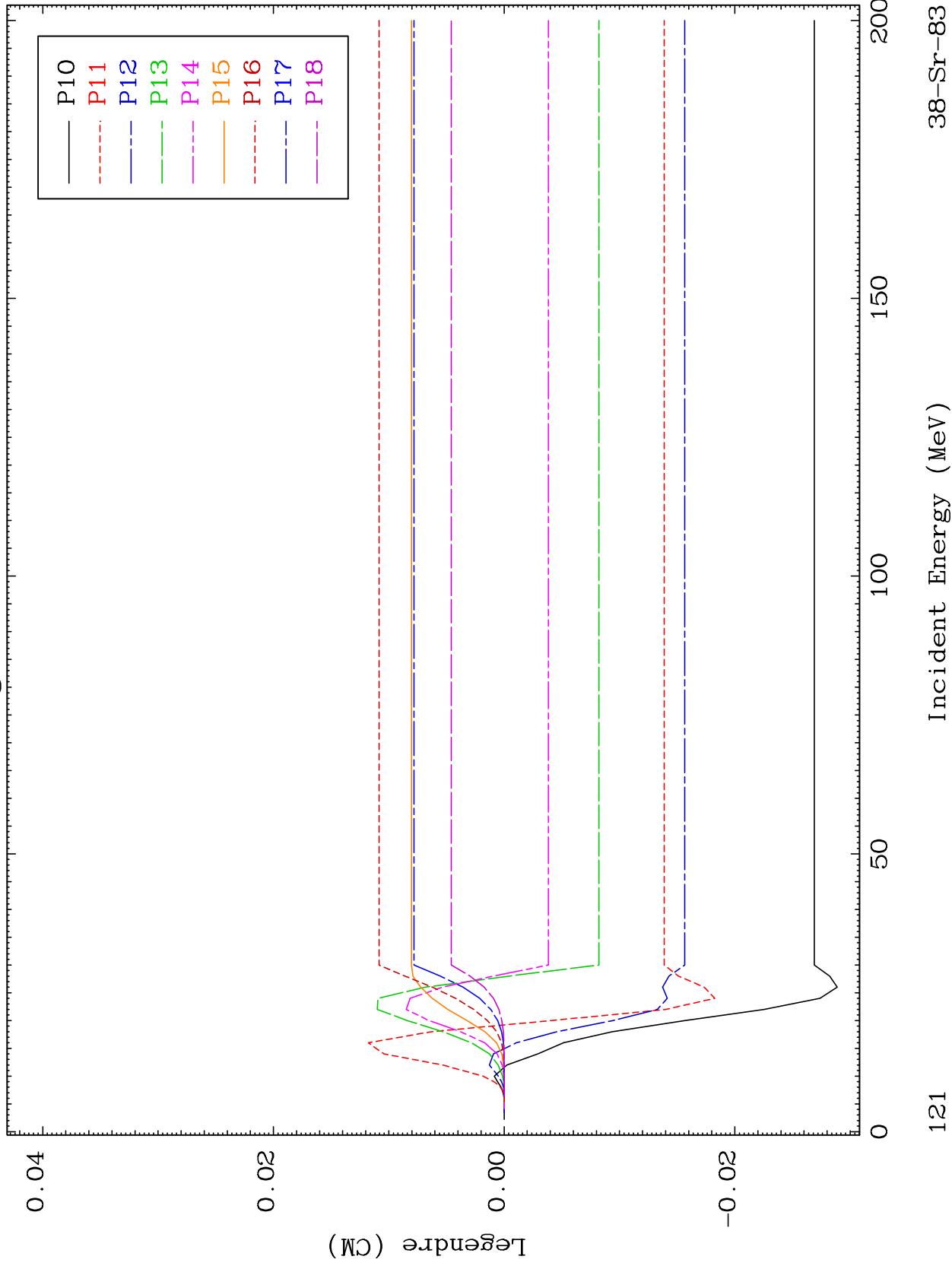
Incident Energy (MeV)

38-Sr-83

MAT 3822

1.575 MeV (n,n') Level
Legendre Coefficients

38-Sr-83



38-Sr-83

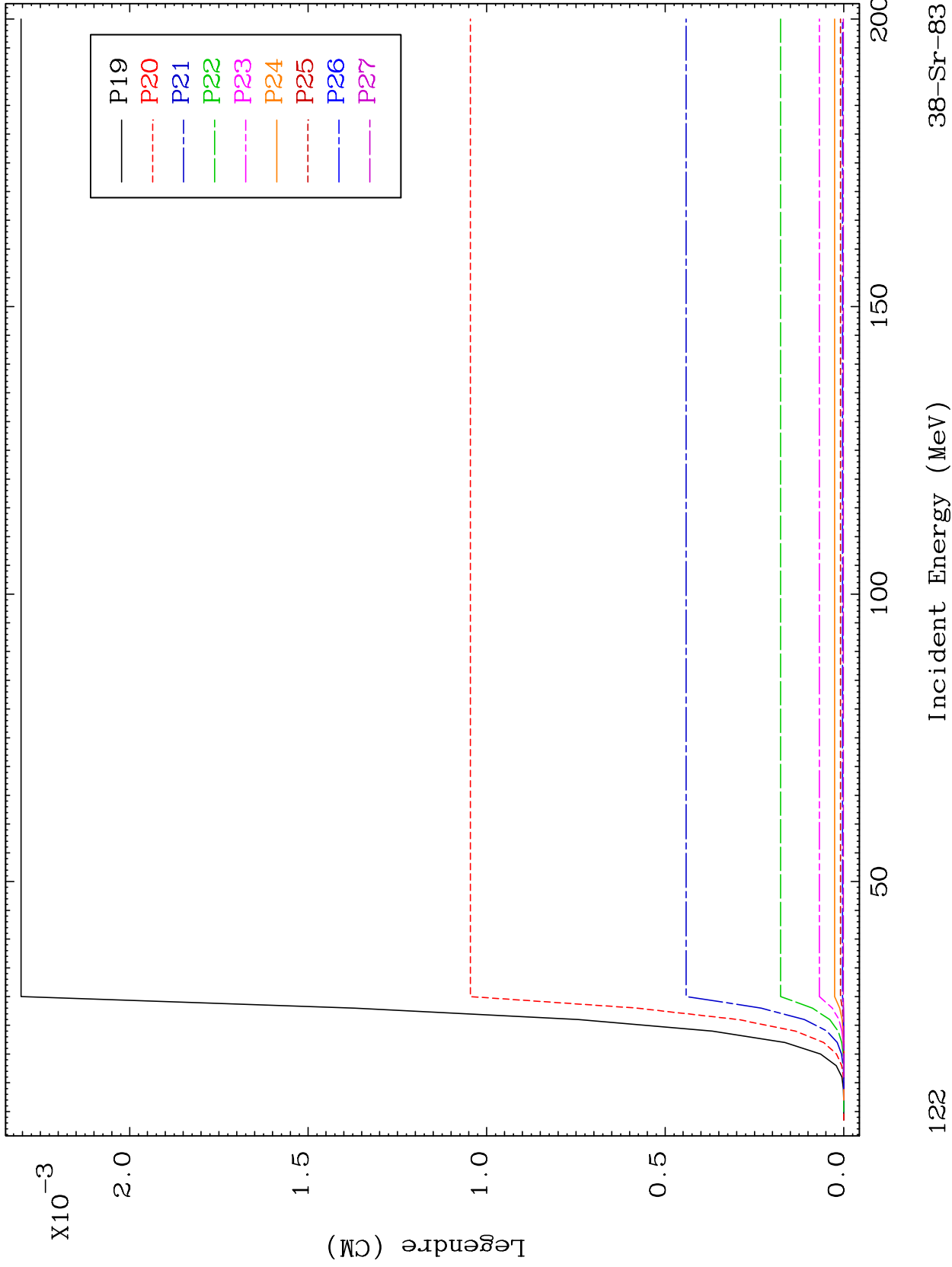
Incident Energy (MeV)

121

MAT 3822

1.575 MeV (n,n') Level
Legendre Coefficients

38-Sr-83

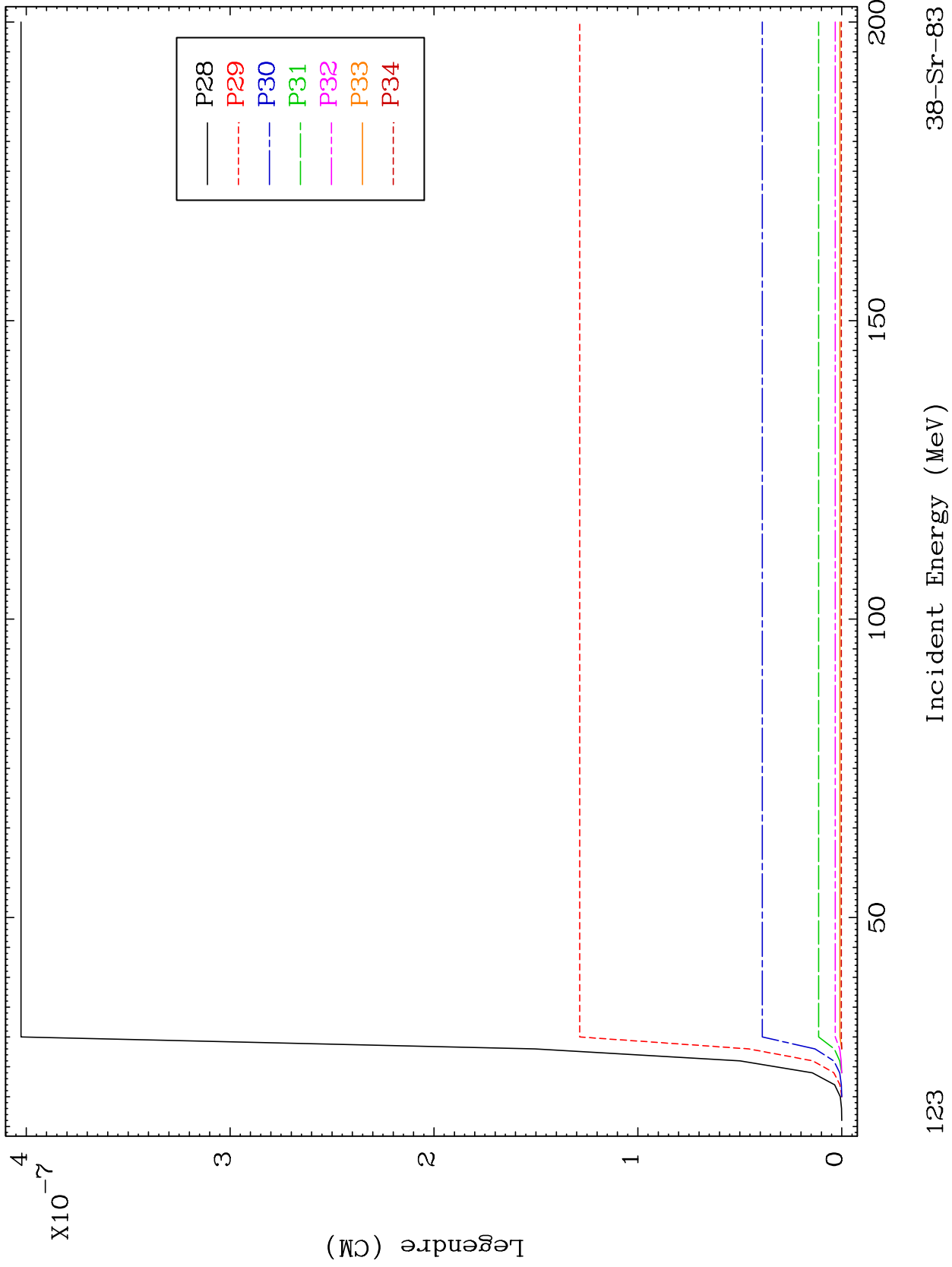


122

MAT 3822

1.575 MeV (n,n') Level
Legendre Coefficients

38-Sr-83

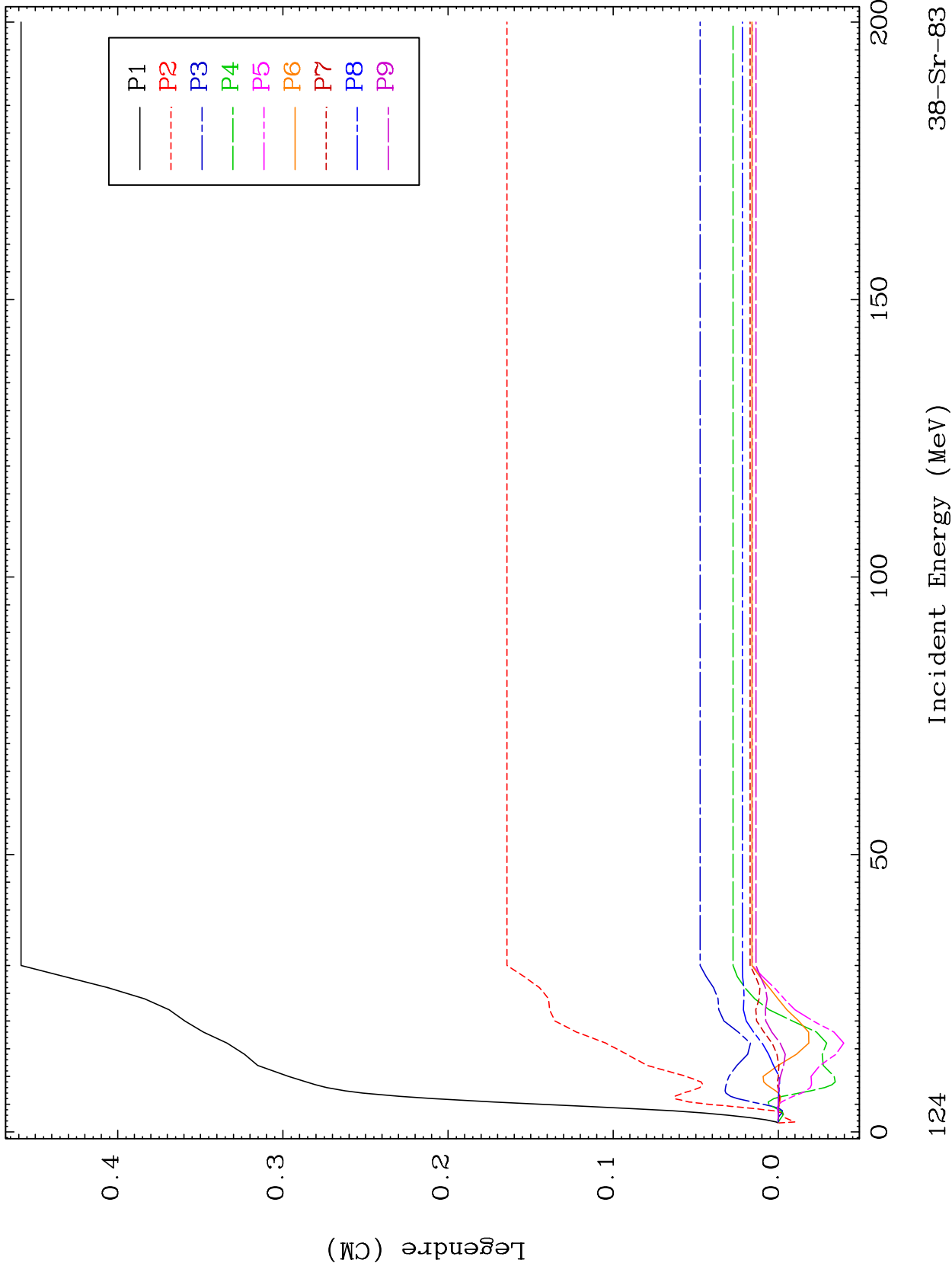


123

MAT 3822

1.590 MeV (n,n') Level
Legendre Coefficients

38-Sr-83



38-Sr-83

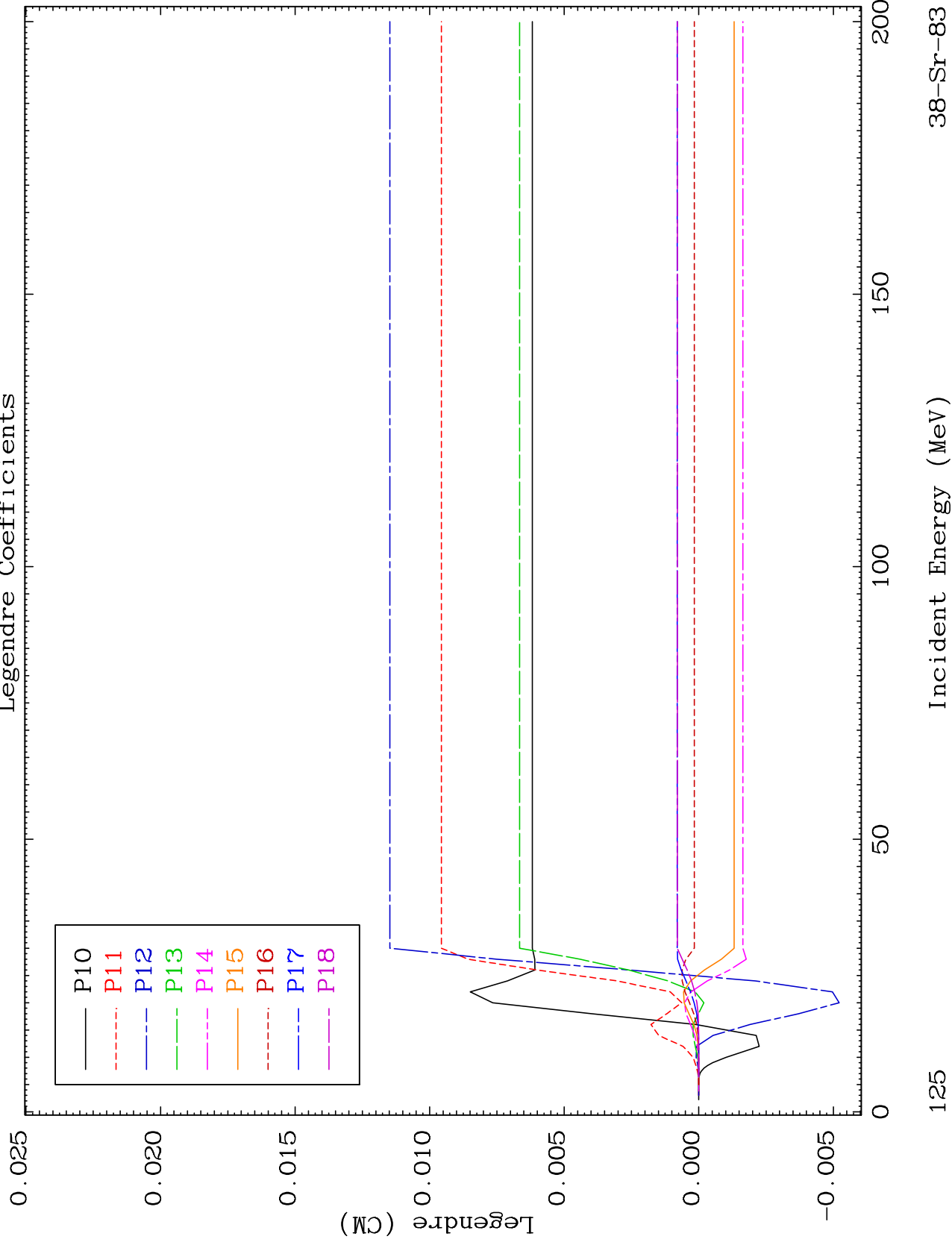
Incident Energy (MeV)

124

MAT 3822

1.590 MeV (n,n') Level
Legendre Coefficients

38-Sr-83



38-Sr-83

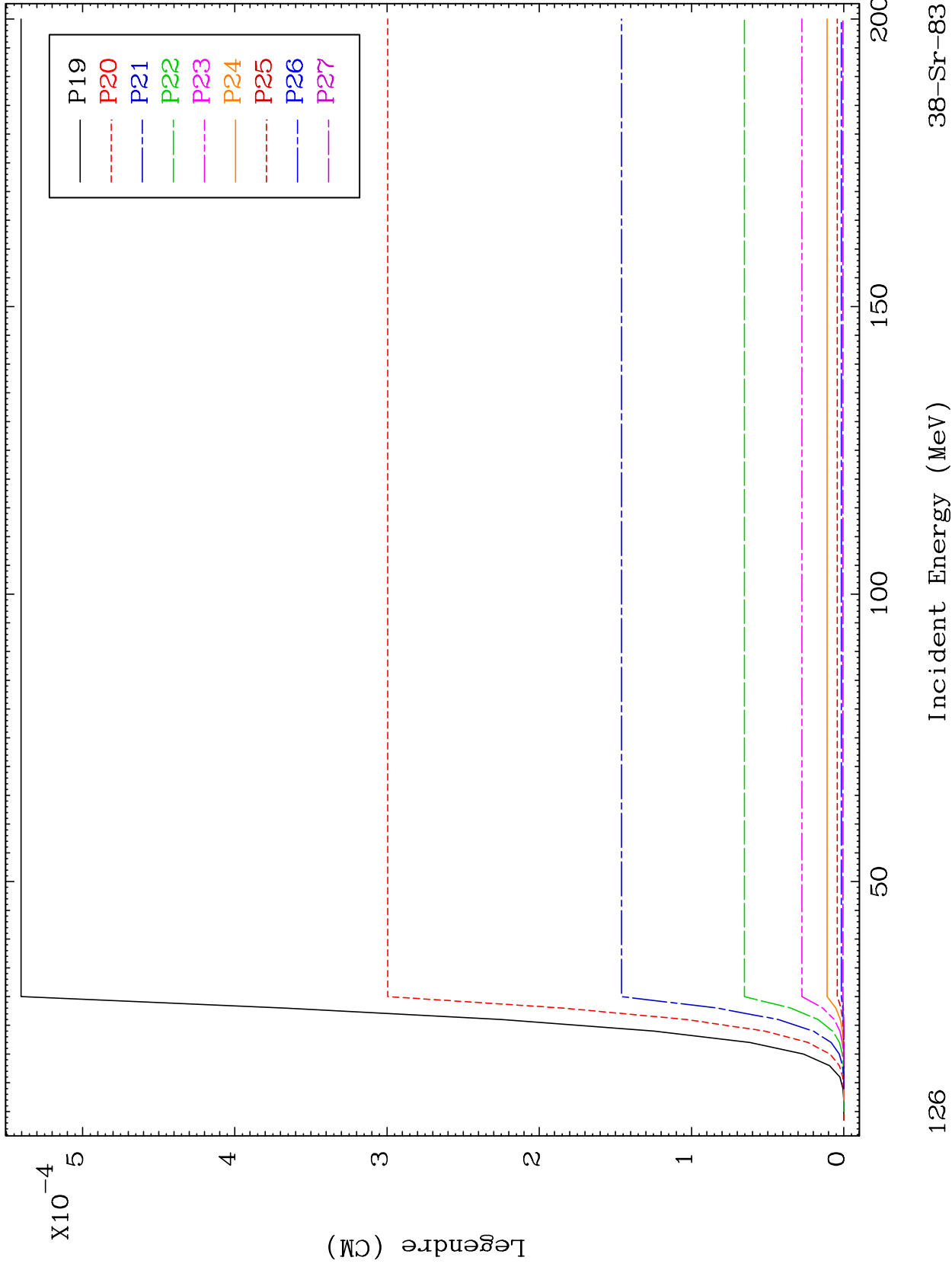
Incident Energy (MeV)

125

MAT 3822

1.590 MeV (n,n') Level
Legendre Coefficients

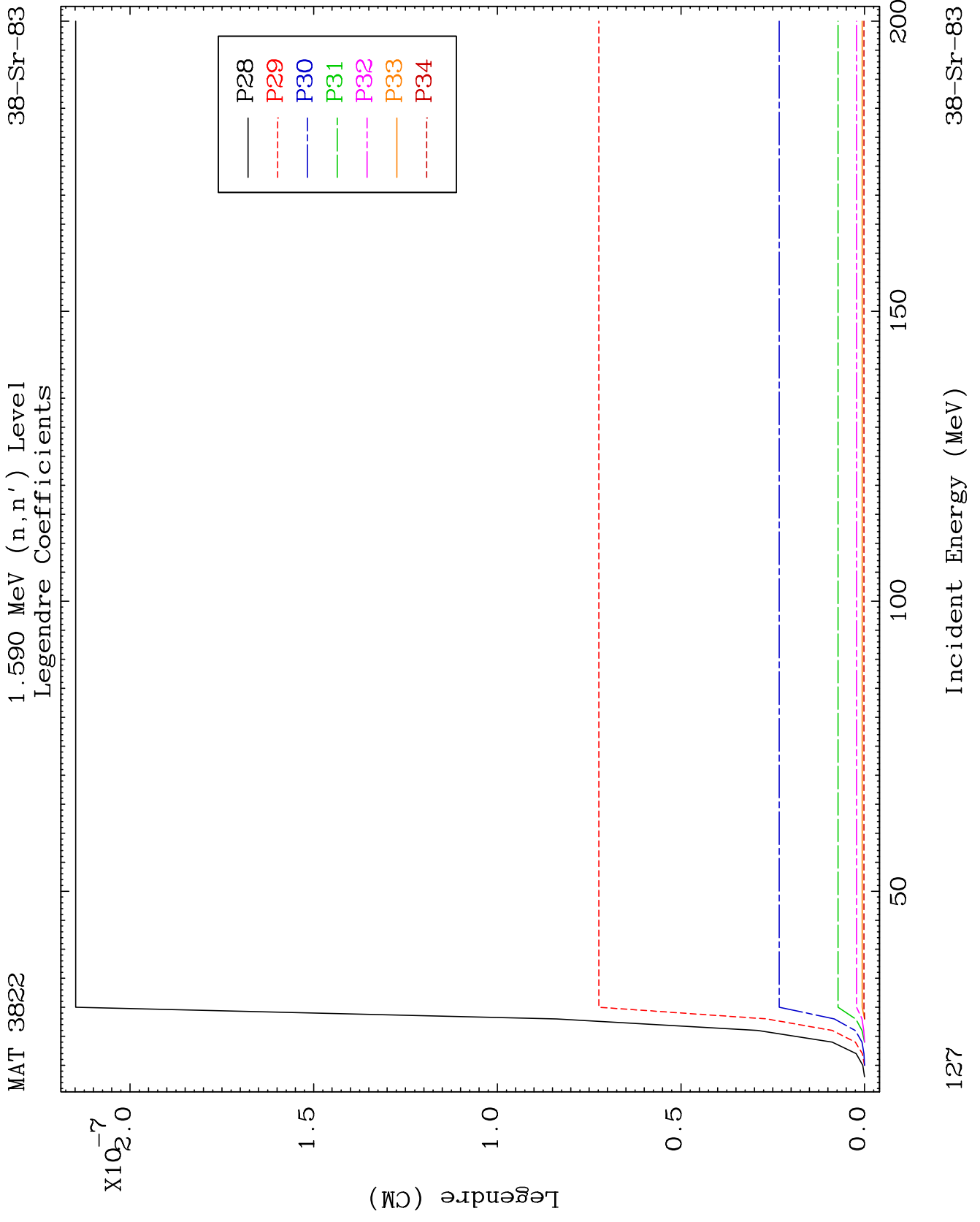
38-Sr-83



126

Incident Energy (MeV)

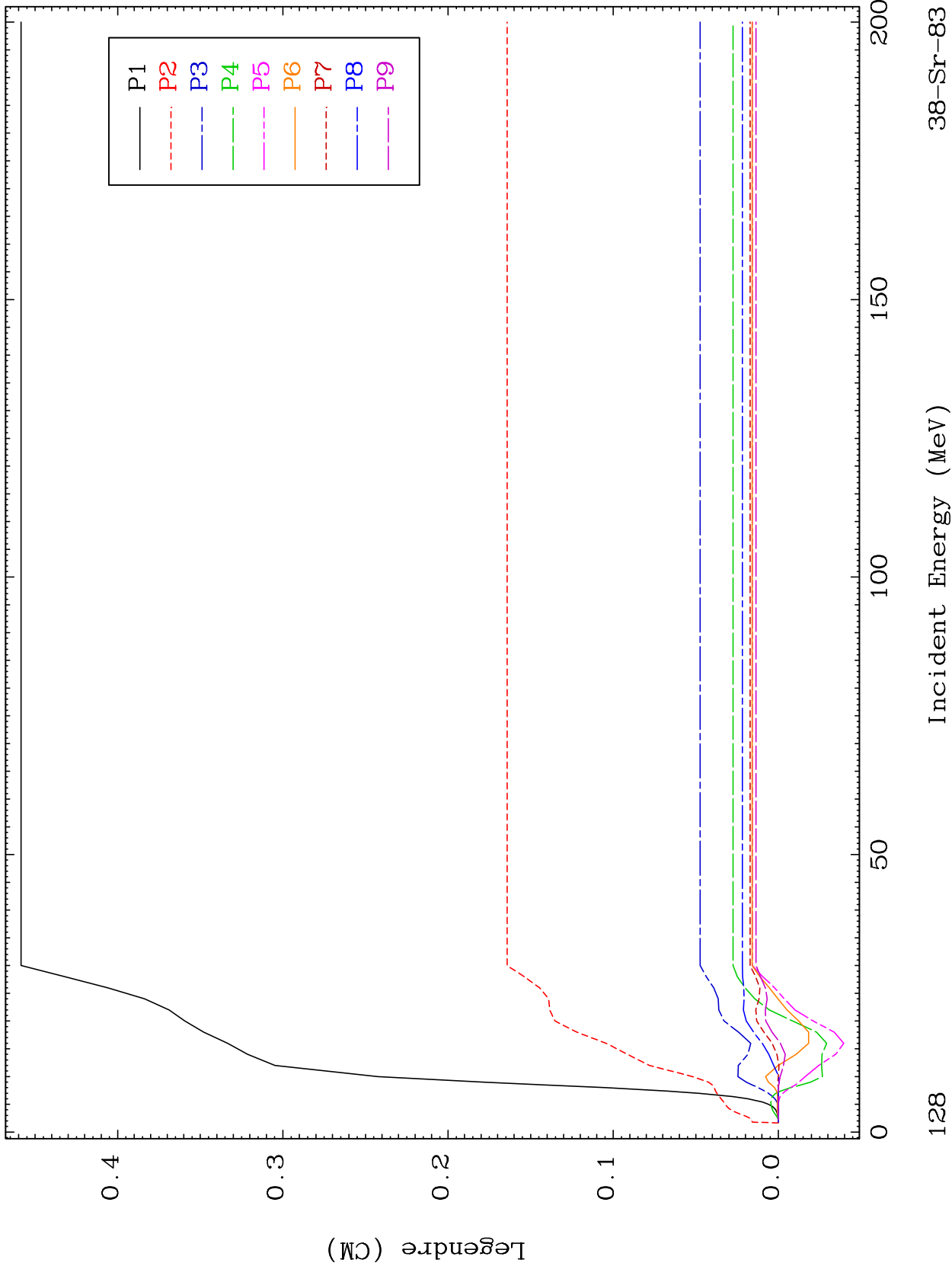
38-Sr-83



MAT 3822

1.605 MeV (n,n') Level
Legendre Coefficients

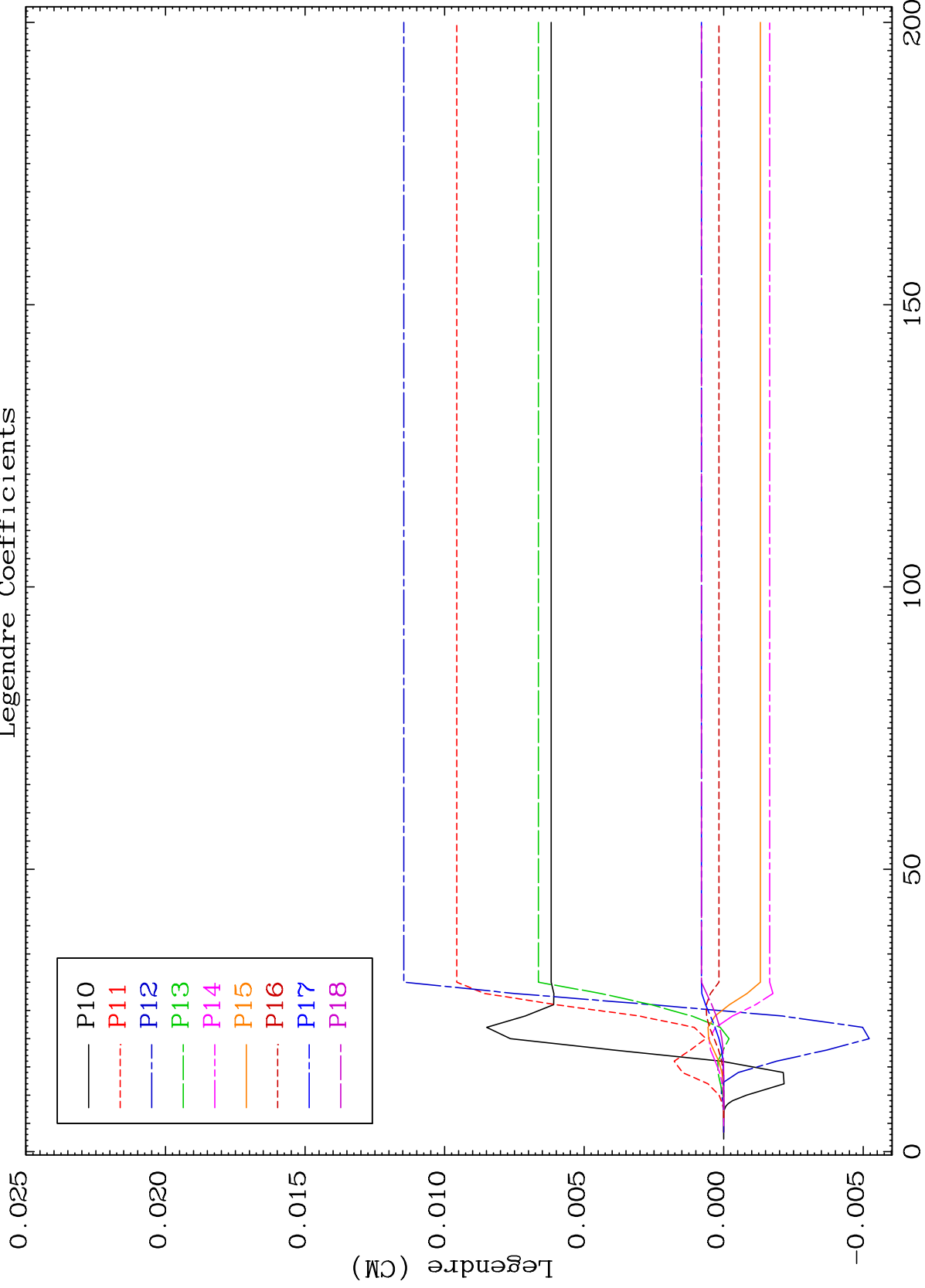
38-Sr-83



38-Sr-83

Incident Energy (MeV)

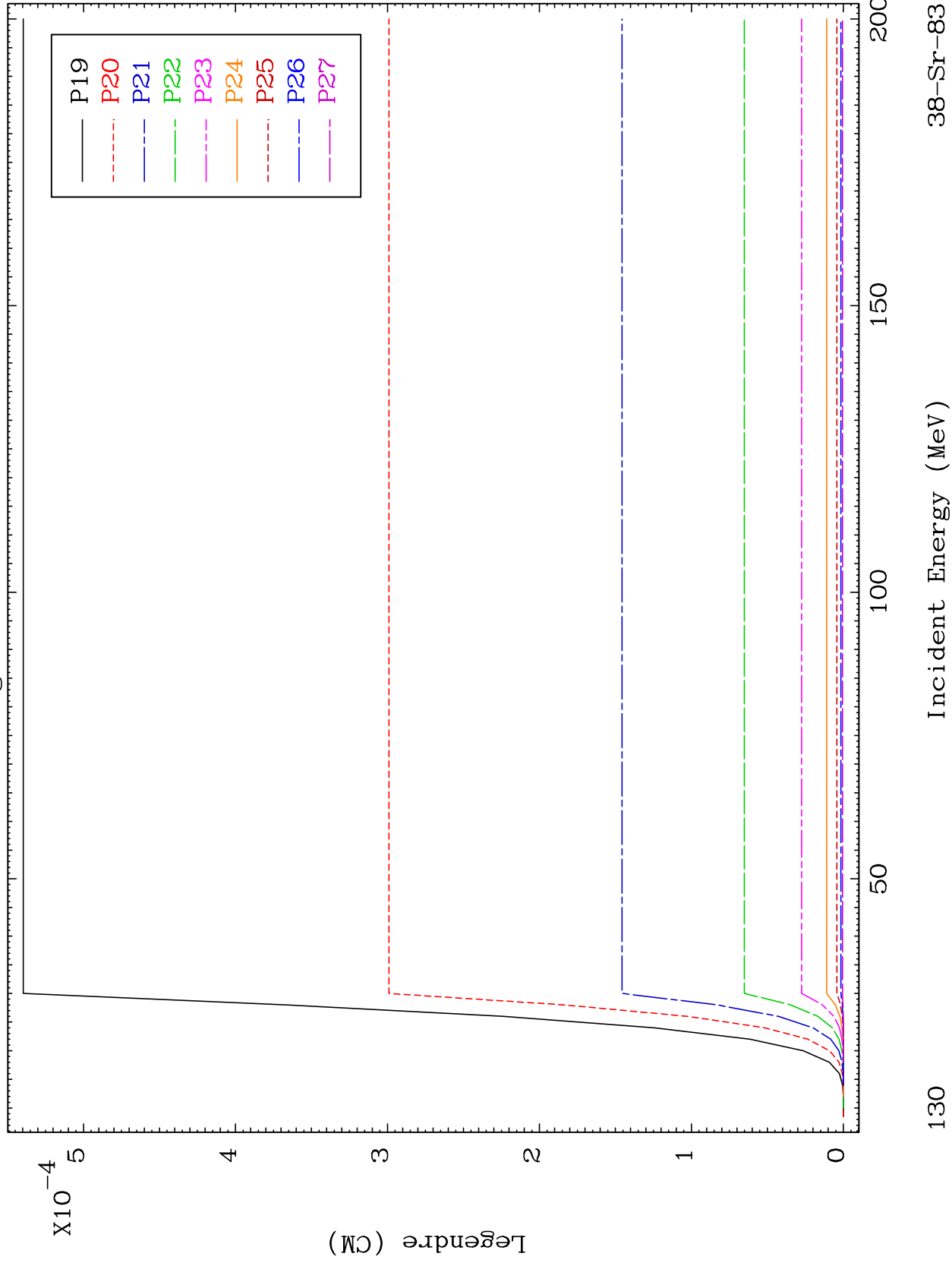
128



MAT 3822

1.605 MeV (n,n') Level
Legendre Coefficients

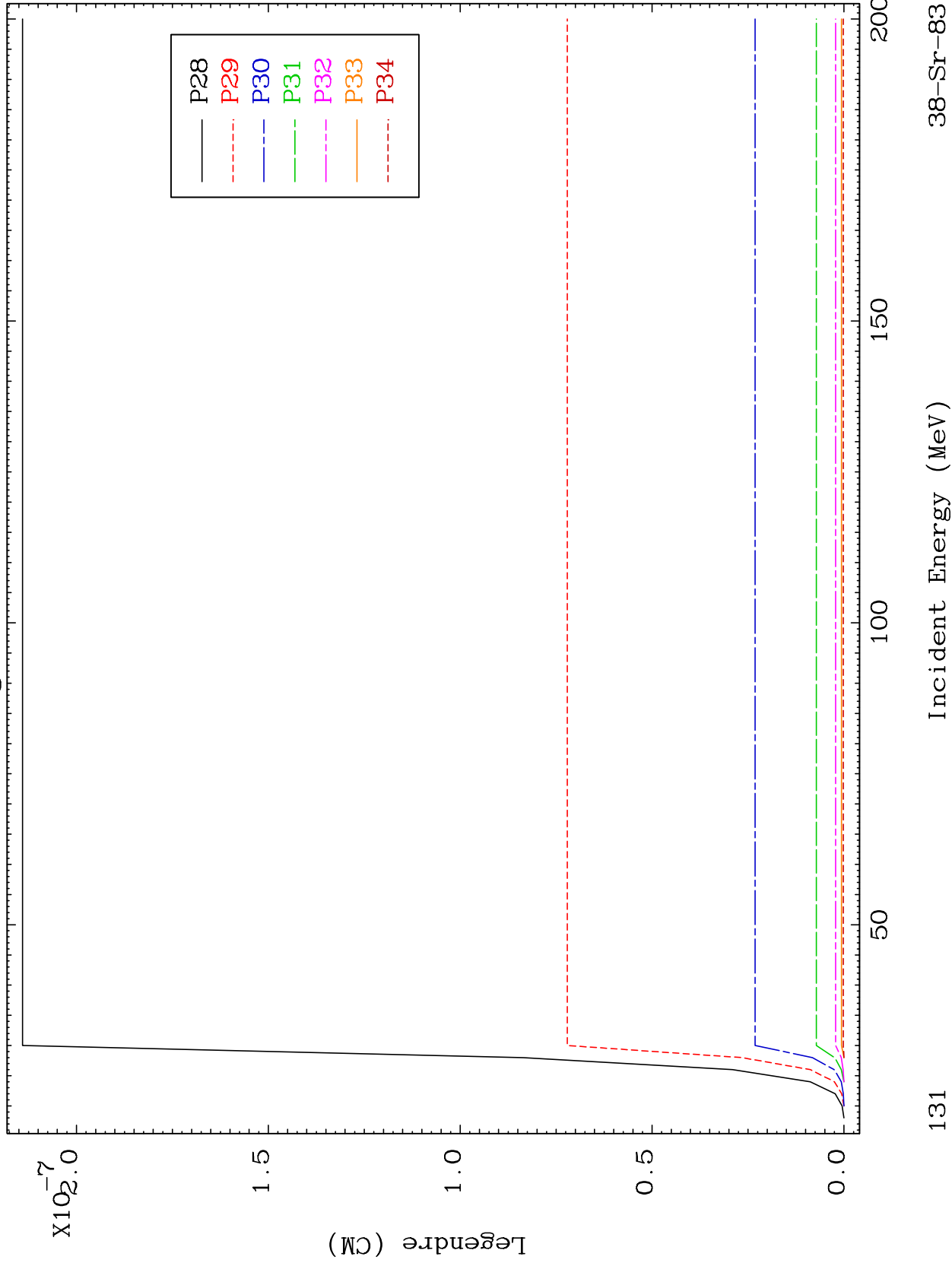
38-Sr-83



MAT 3822

1.605 MeV (n,n') Level
Legendre Coefficients

38-Sr-83



131

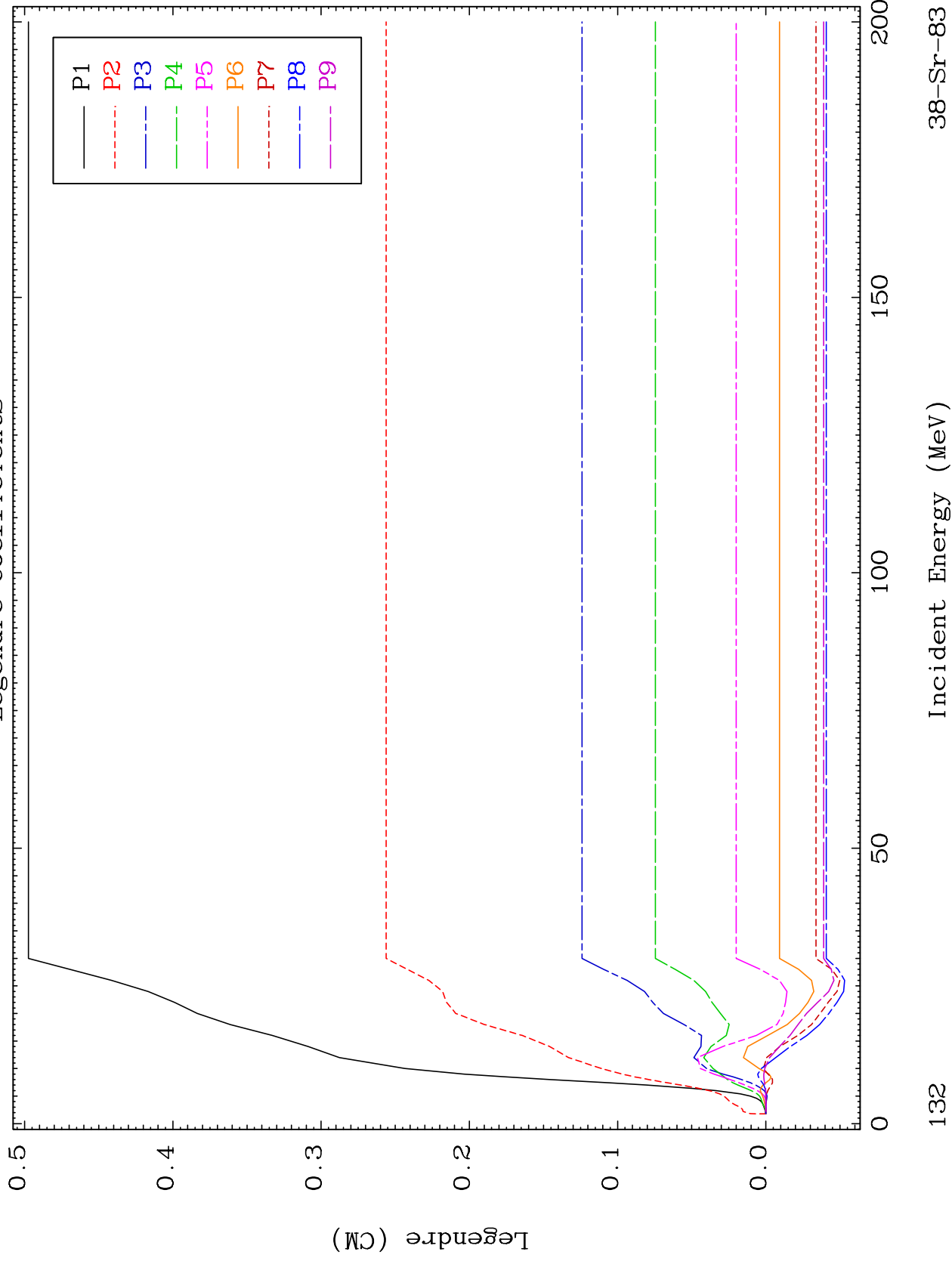
Incident Energy (MeV)

38-Sr-83

MAT 3822

1.745 MeV (n,n') Level
Legendre Coefficients

38-Sr-83



132

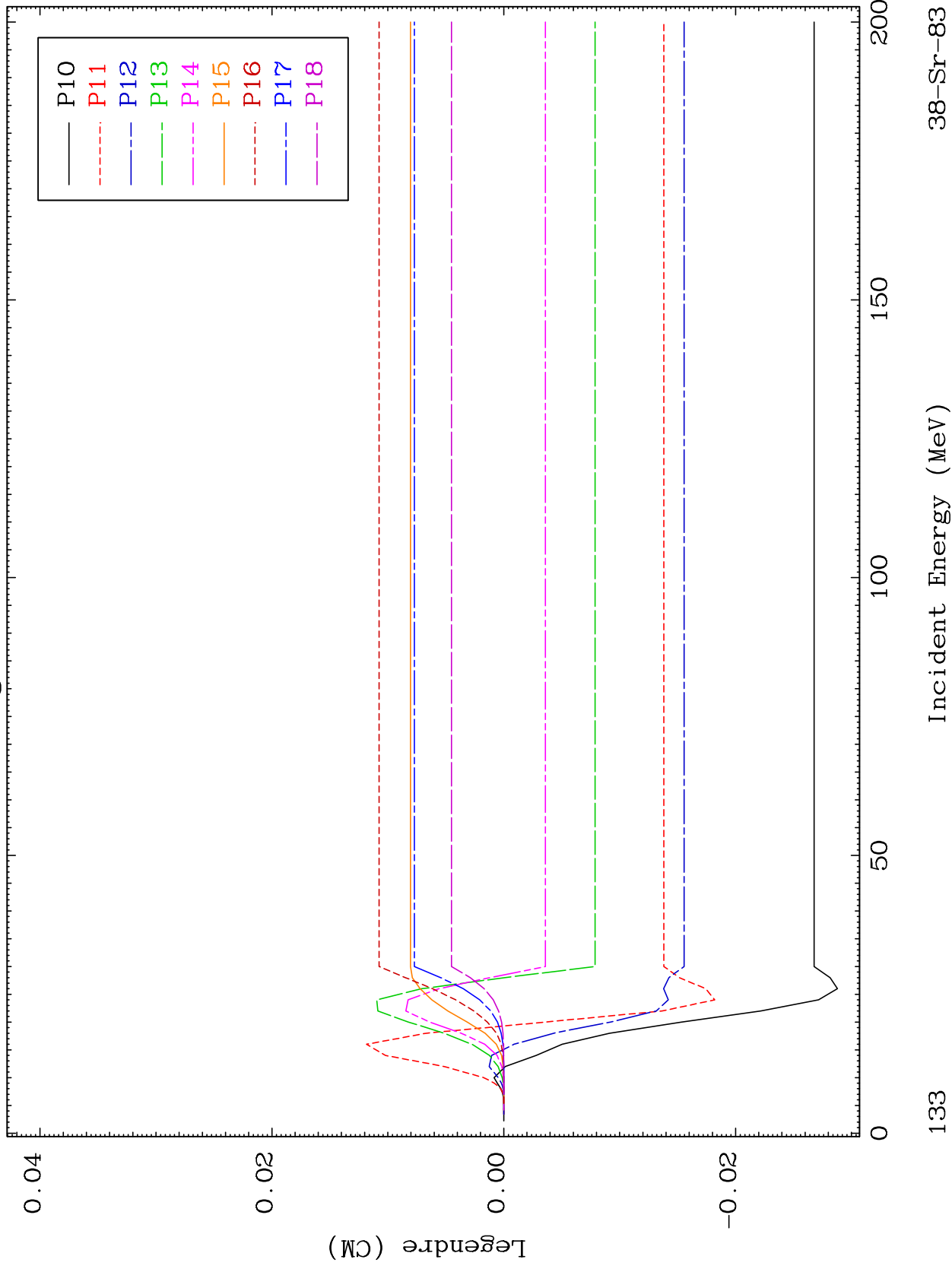
Incident Energy (MeV)

38-Sr-83

MAT 3822

1.745 MeV (n,n') Level
Legendre Coefficients

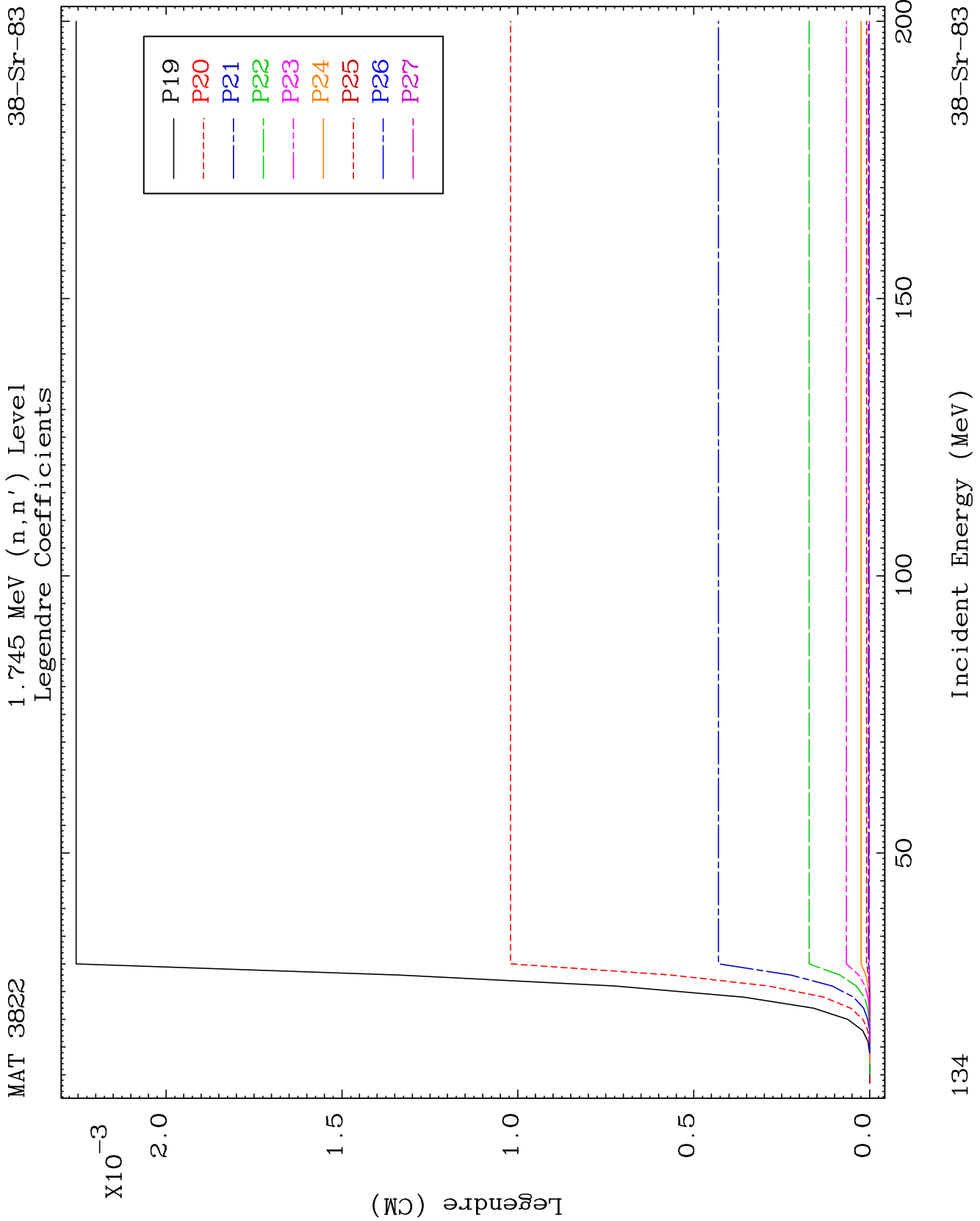
38-Sr-83



133

Incident Energy (MeV)

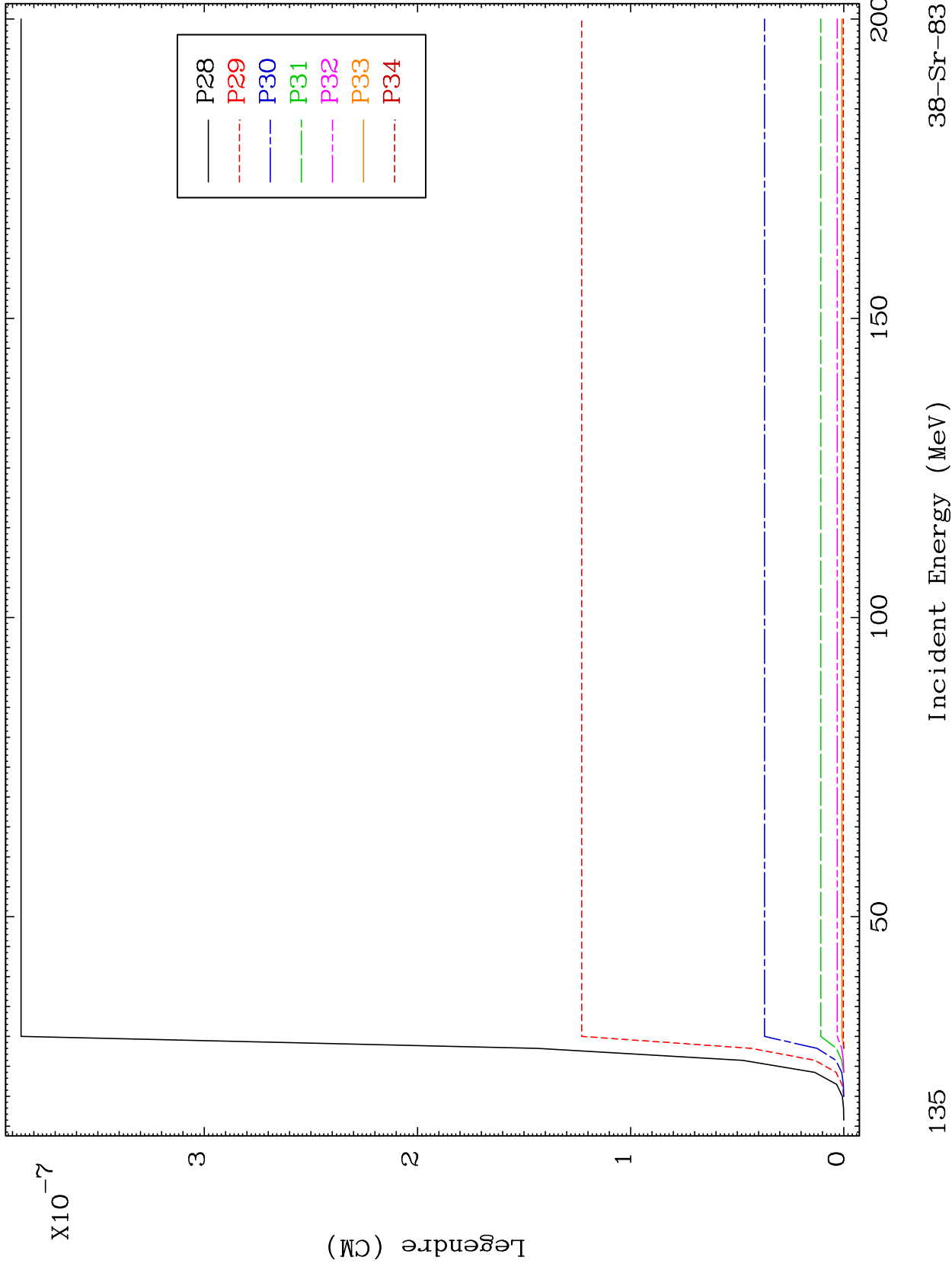
38-Sr-83



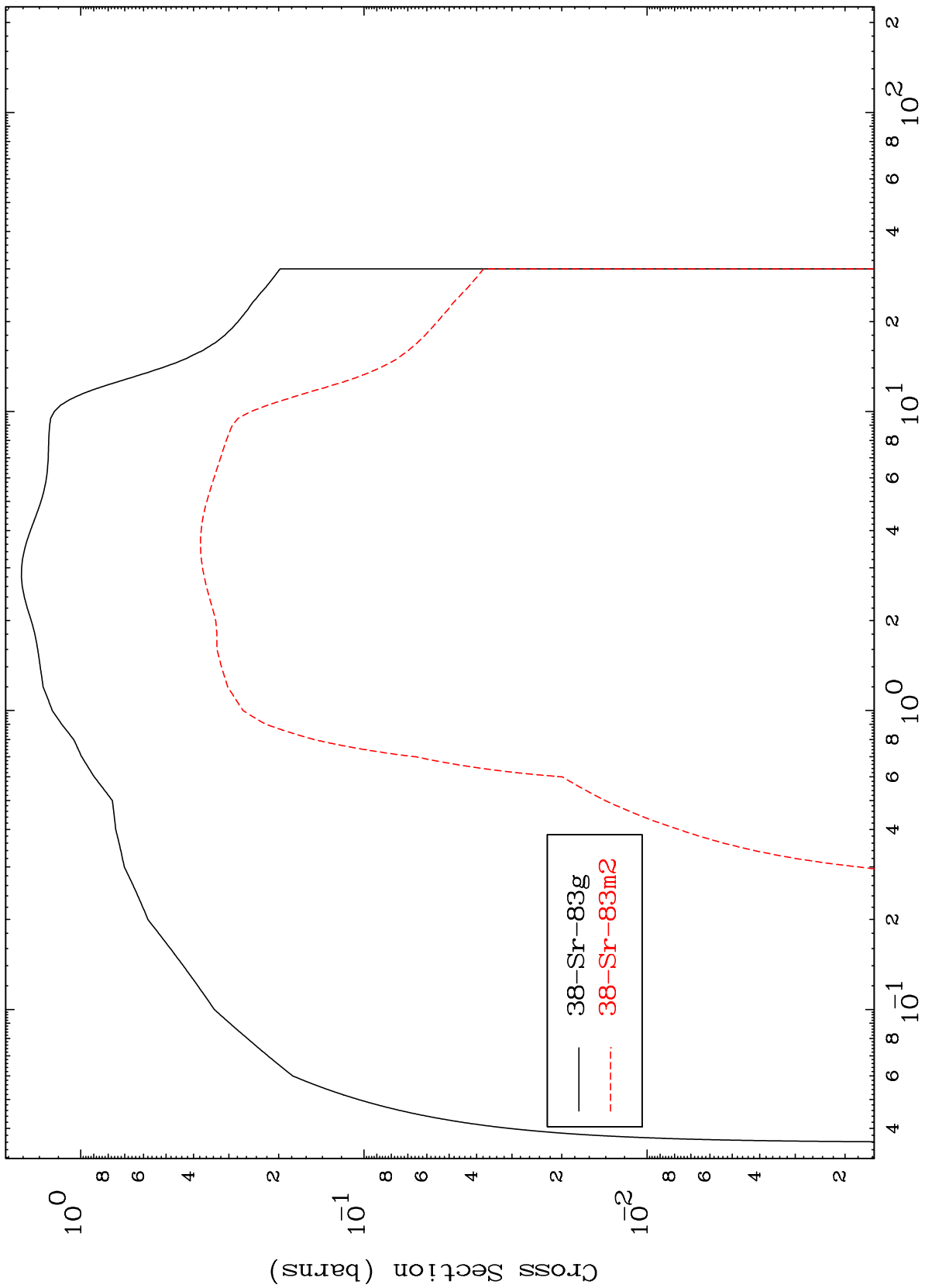
MAT 3822

1.745 MeV (n,n') Level
Legendre Coefficients

38-Sr-83



Inelastic
Radionuclide Production Cross Section

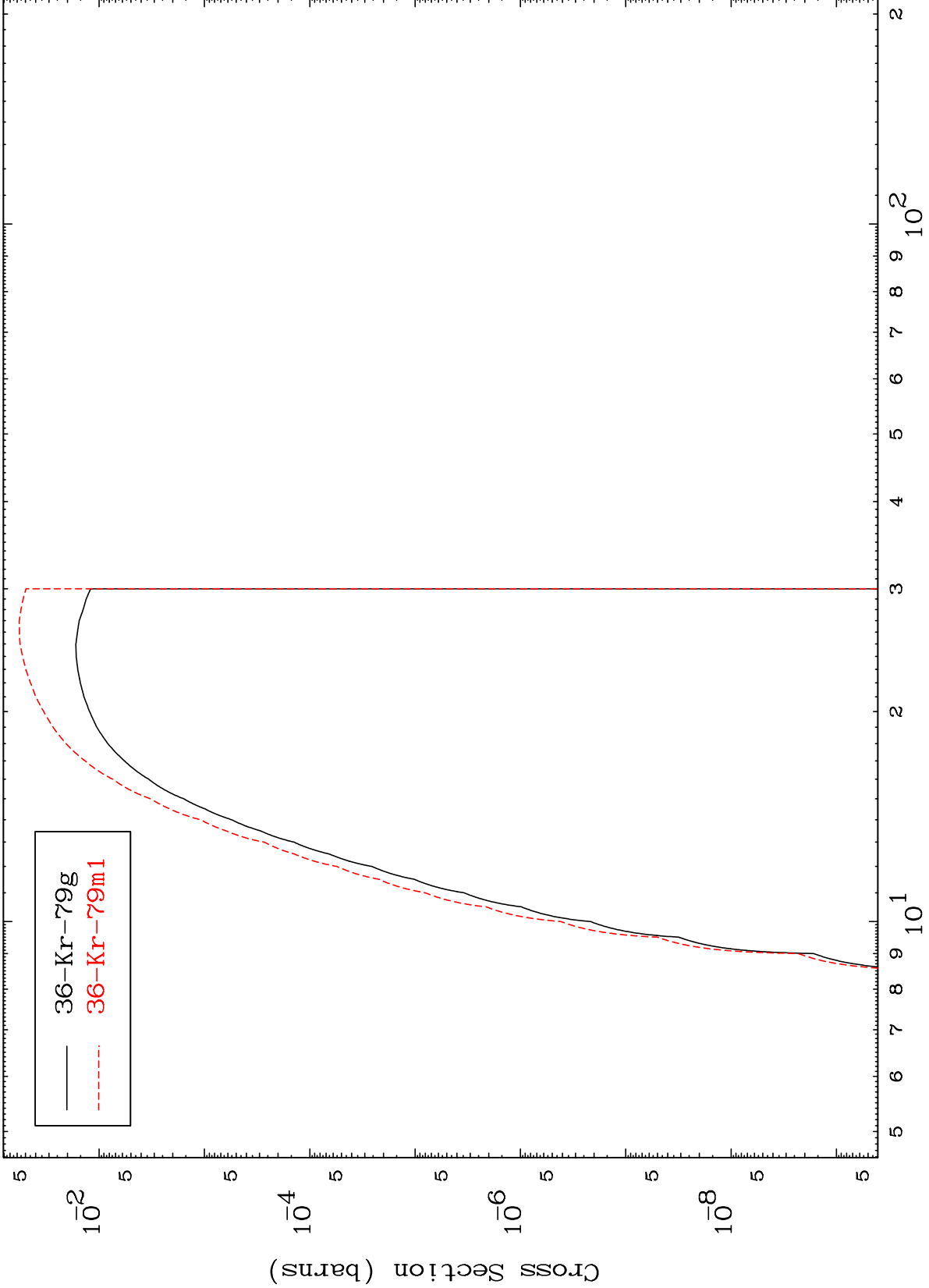


MAT 3822

(n, n') α

38-Sr-83

Radionuclide Production Cross Section



137

Incident Energy (MeV)

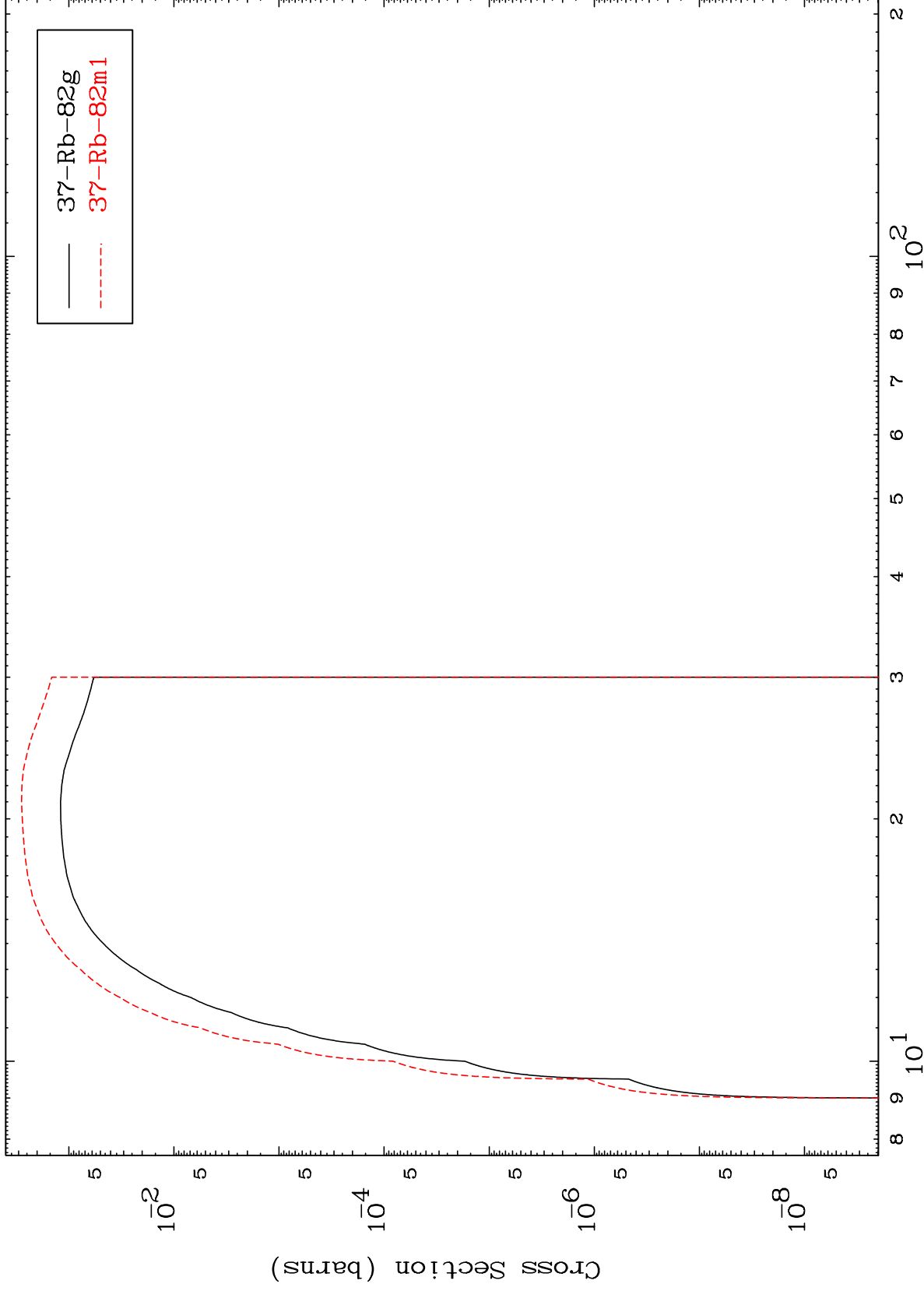
38-Sr-83

MAT 3822

(n,n') p

38-Sr-83

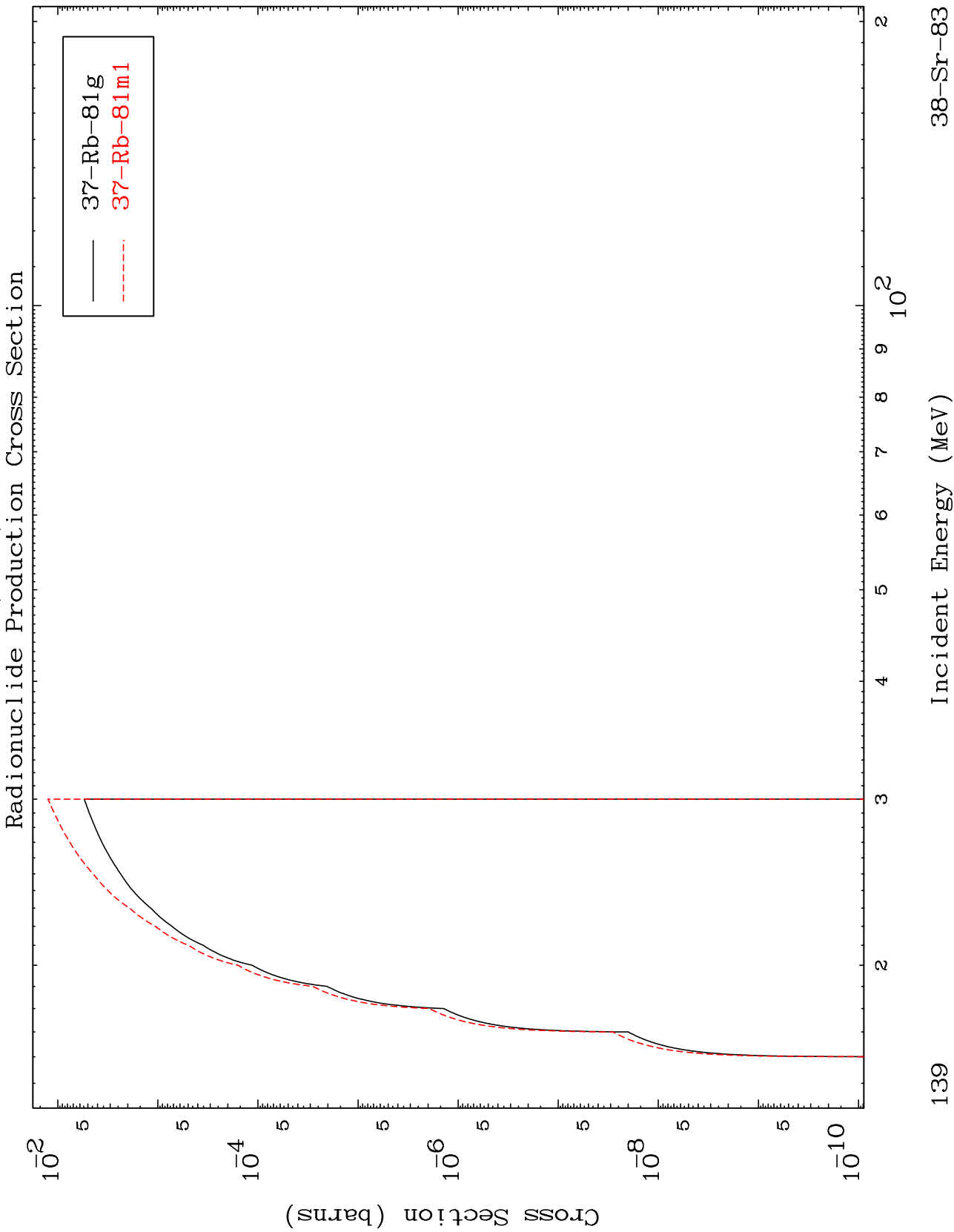
Radionuclide Production Cross Section



138

Incident Energy (MeV)

38-Sr-83

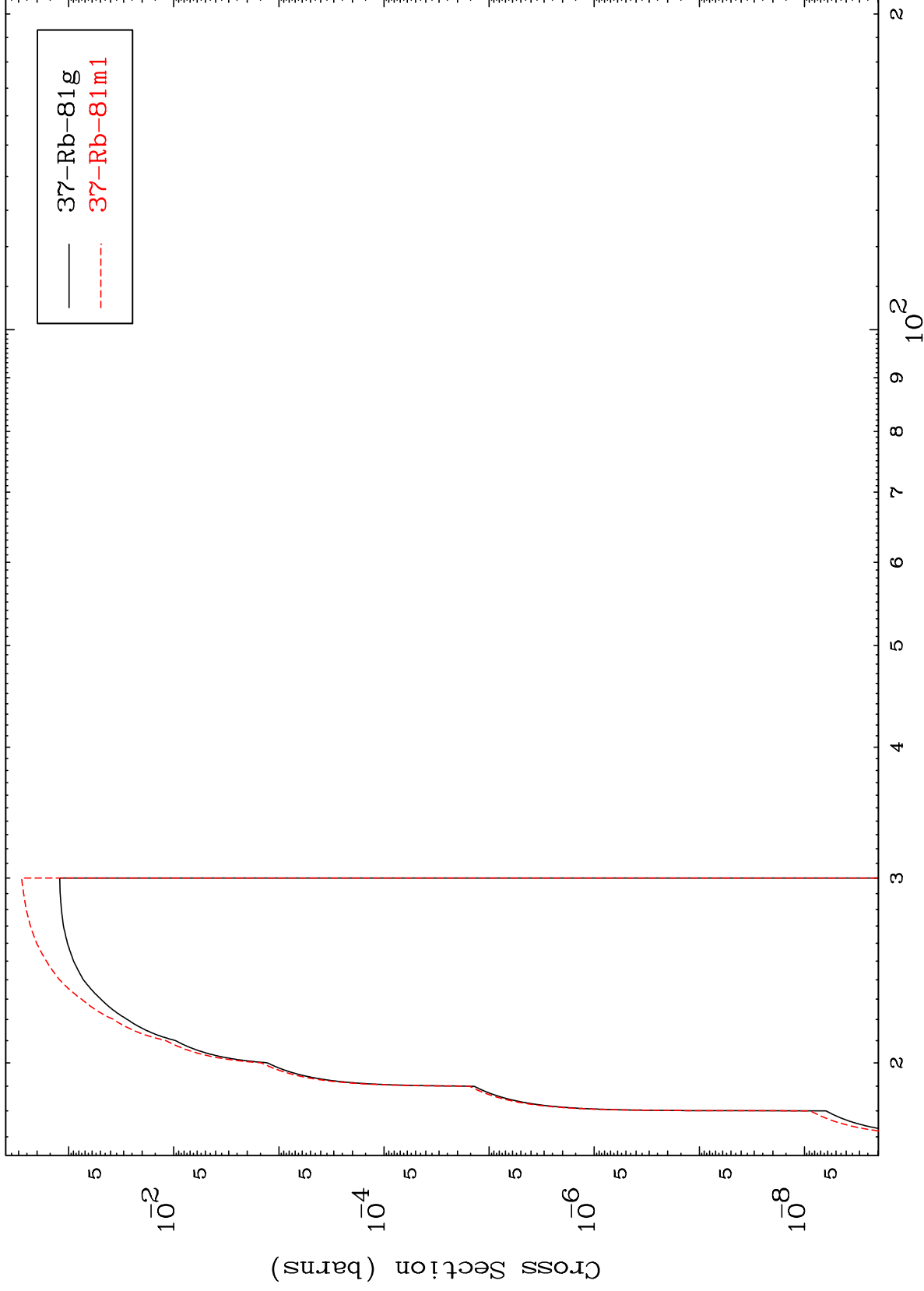


MAT 3822

(n,2n) p

38-Sr-83

Radionuclide Production Cross Section



140

Incident Energy (MeV)

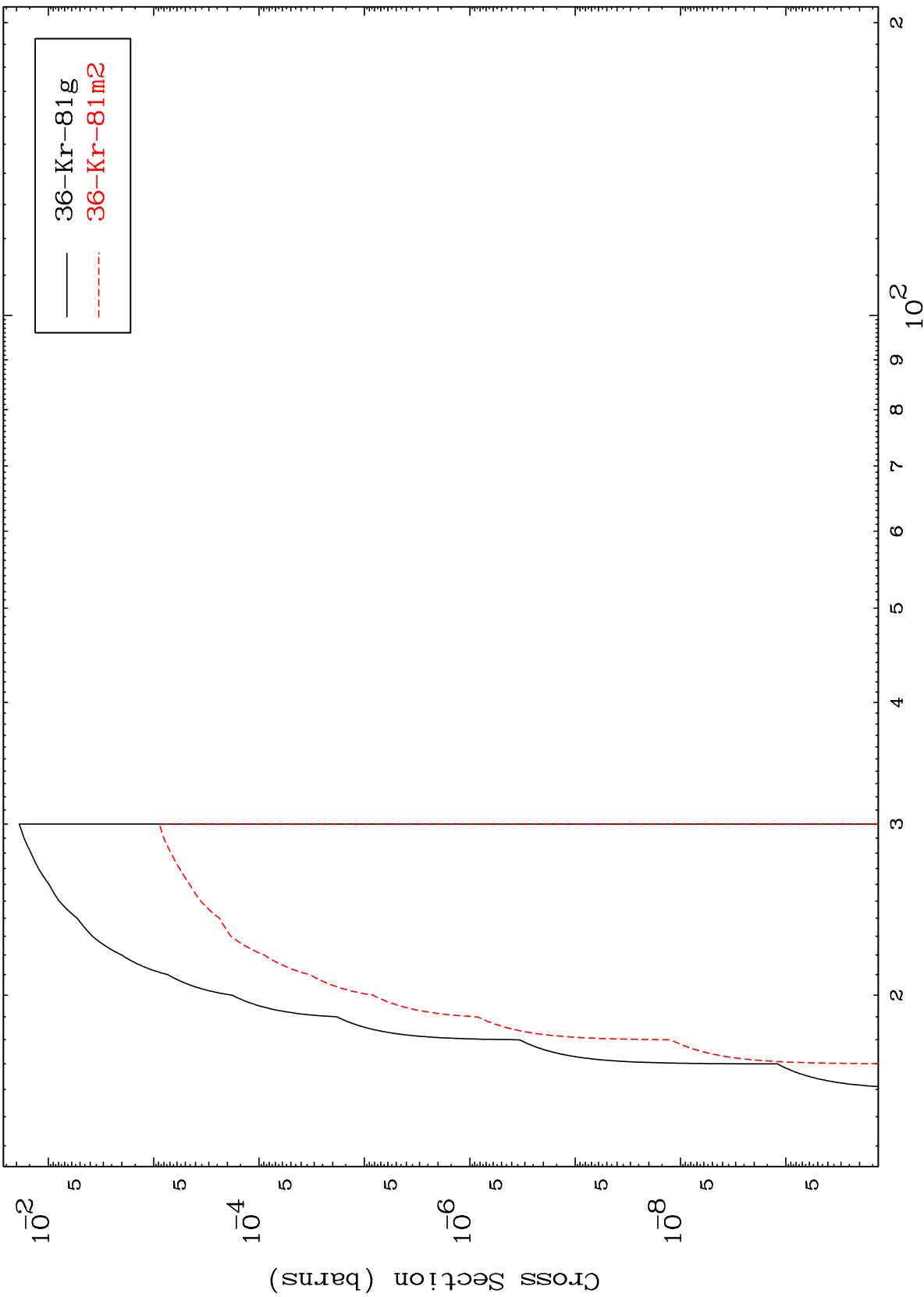
38-Sr-83

MAT 3822

(n,2n) p

38-Sr-83

Radionuclide Production Cross Section



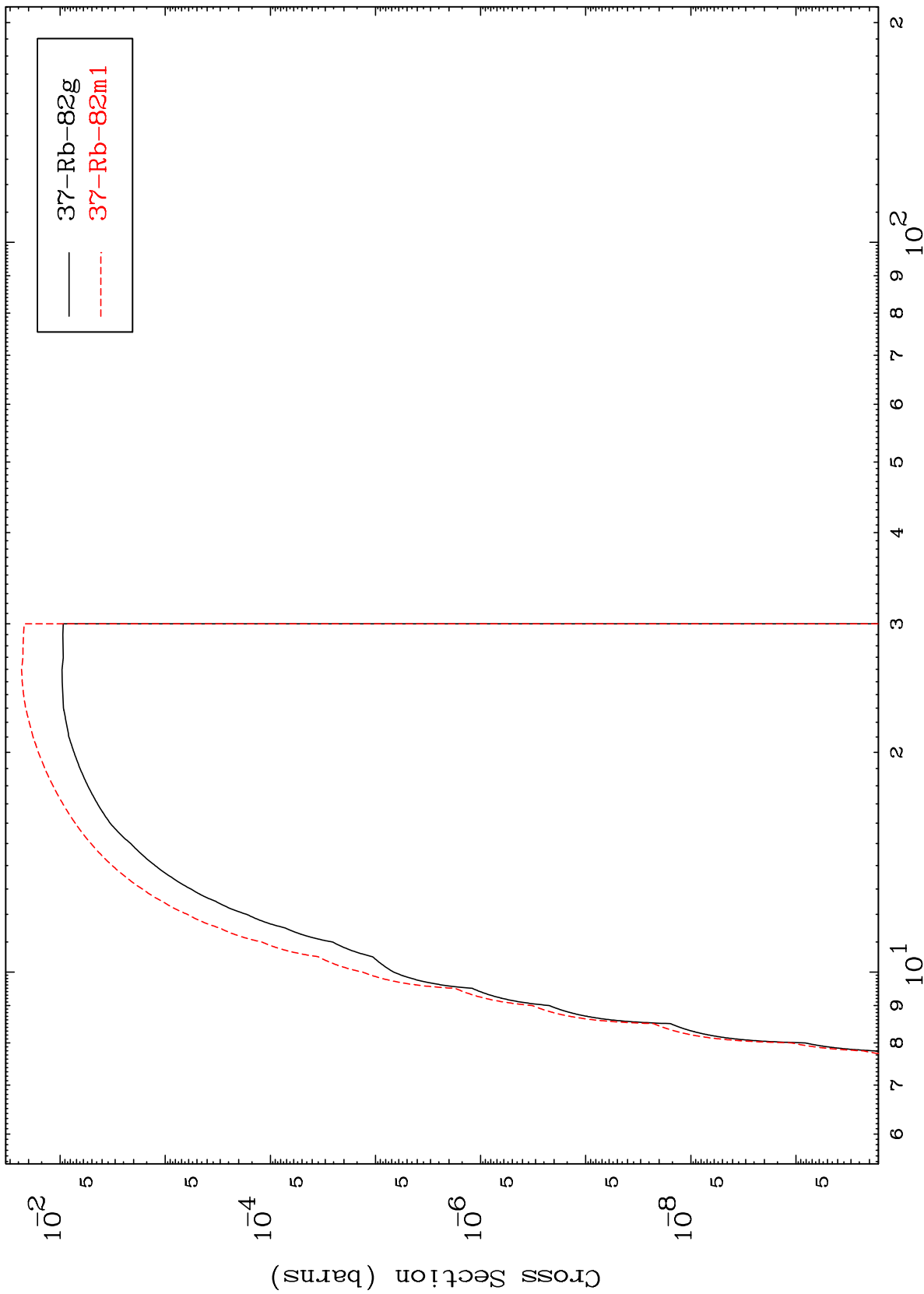
36-Kr-81g
36-Kr-81m2

141

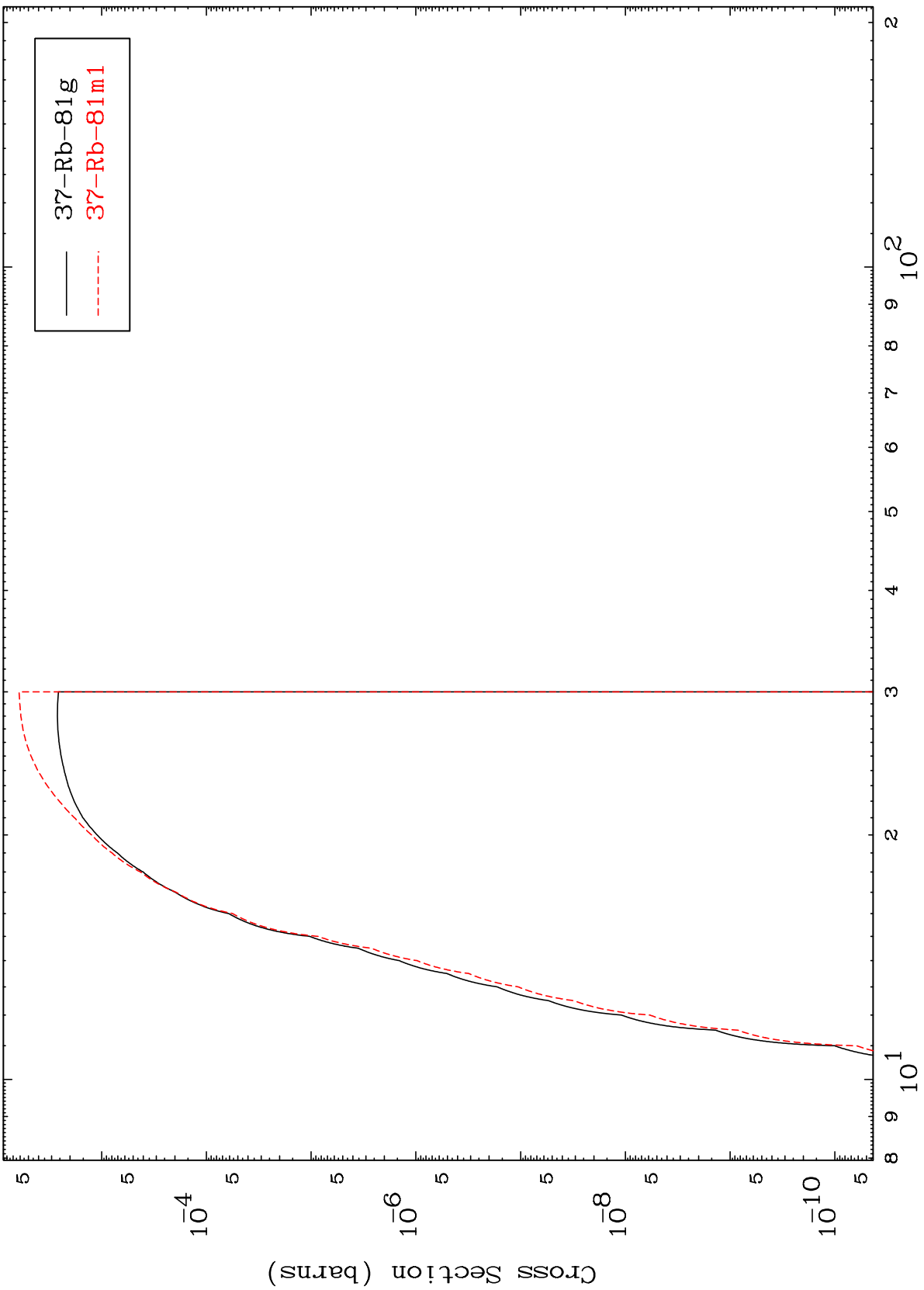
Incident Energy (MeV)

38-Sr-83

(n,d)
Radionuclide Production Cross Section



(n,t)
Radionuclide Production Cross Section

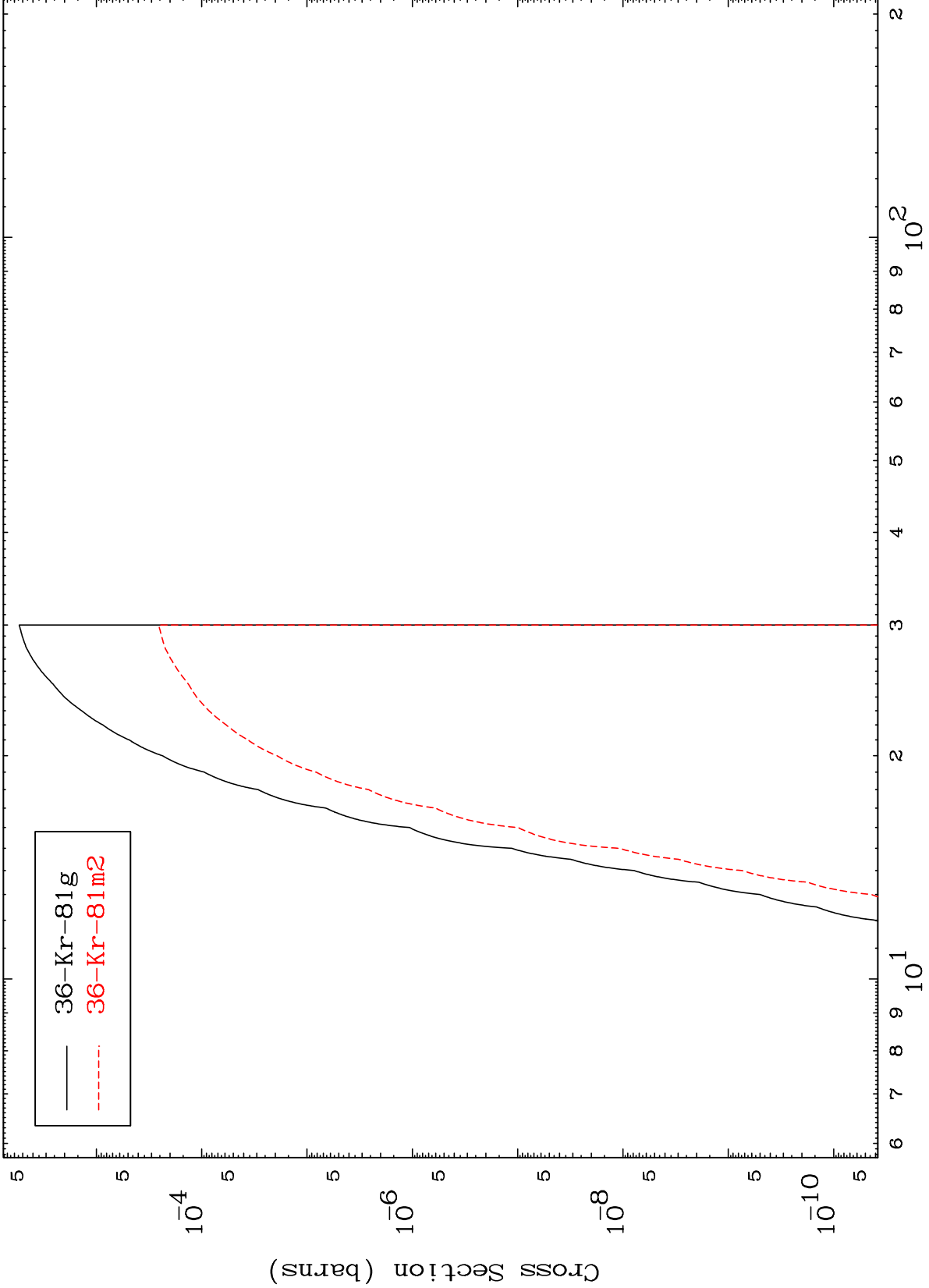


MAT 3822

(n,He-3)

38-Sr-83

Radionuclide Production Cross Section



36-Kr-81g
36-Kr-81m2

144

Incident Energy (MeV)

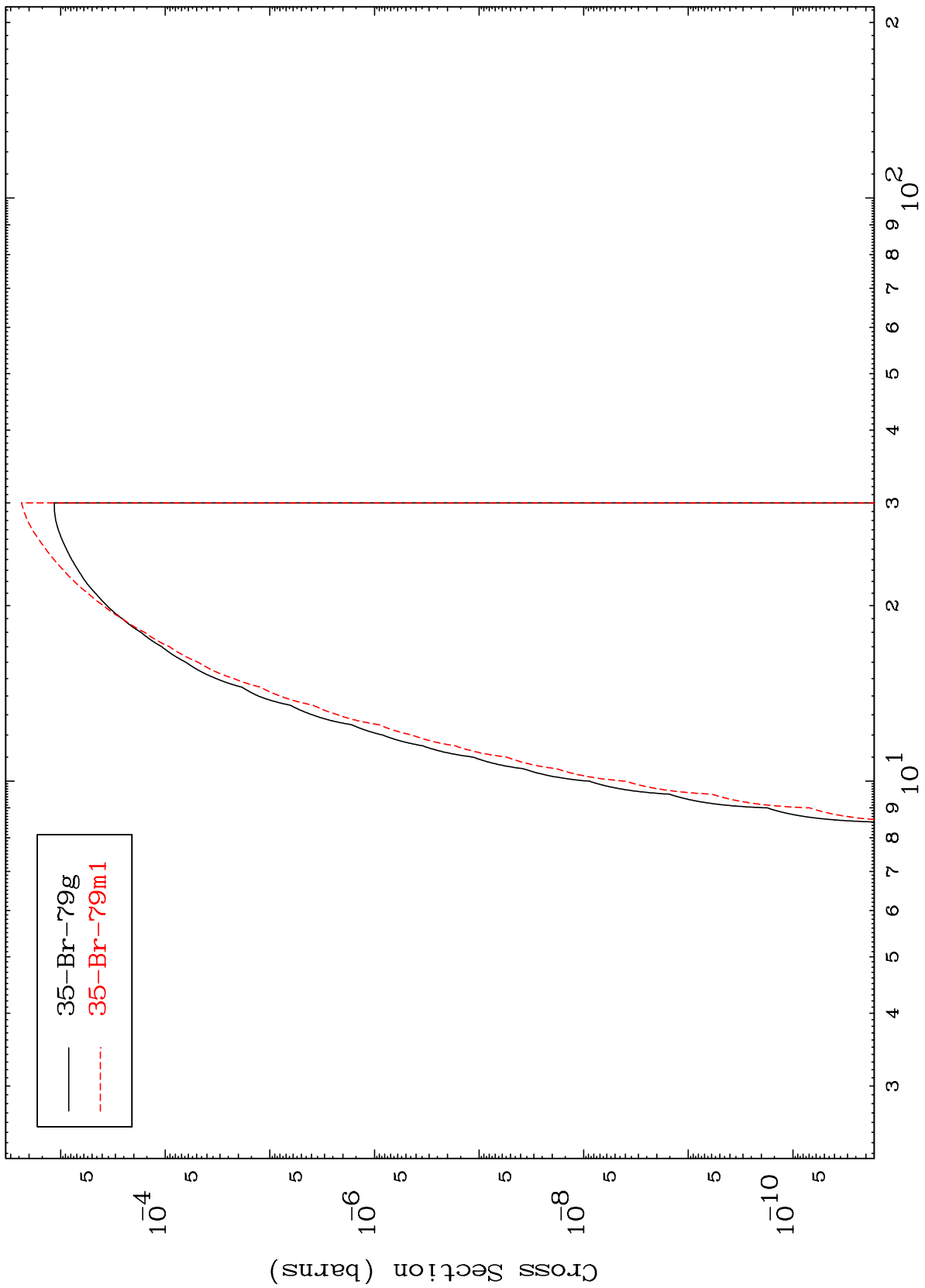
38-Sr-83

MAT 3822

(n,p) α

38-Sr-83

Radionuclide Production Cross Section

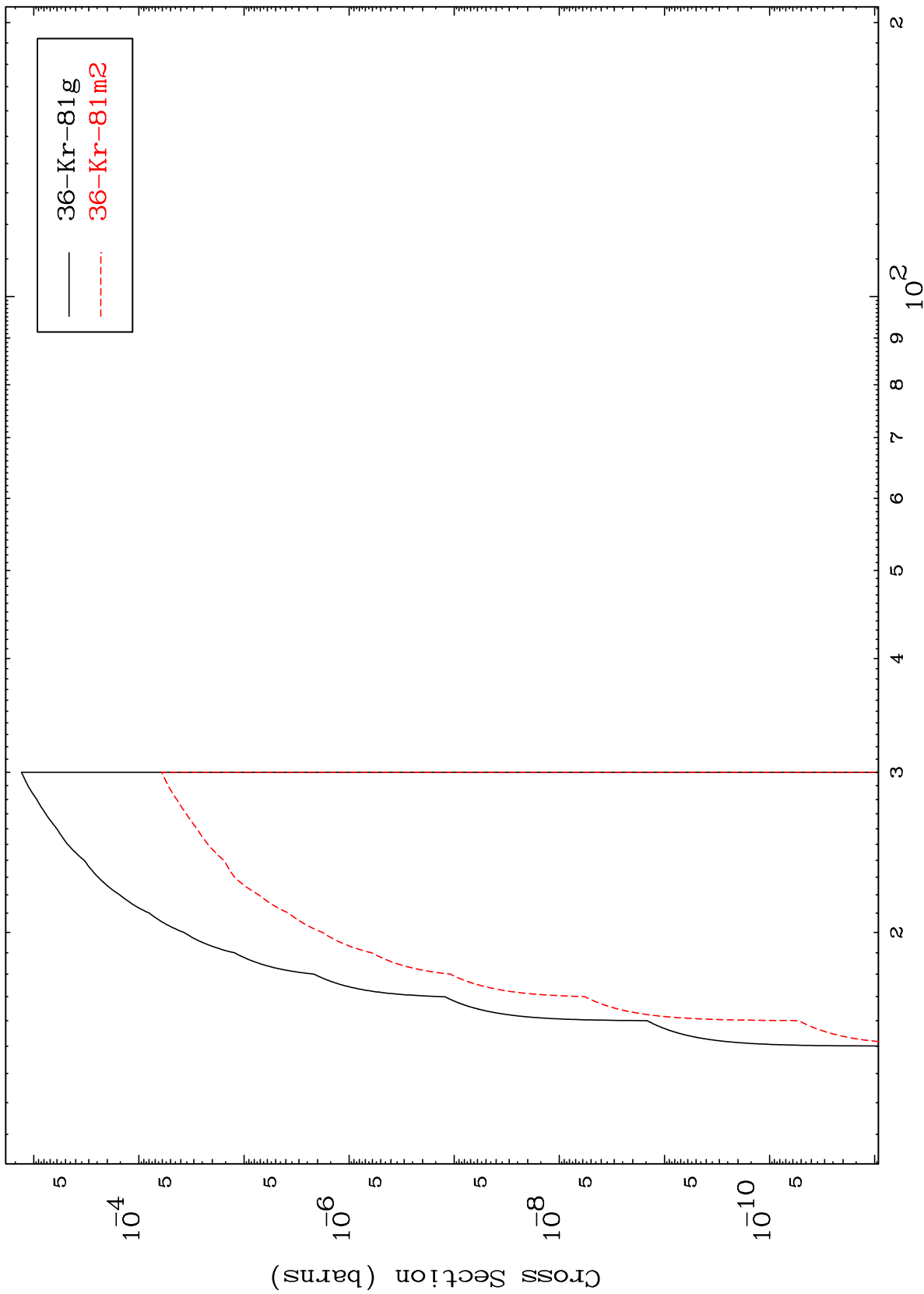


145

Incident Energy (MeV)

38-Sr-83

Radionuclide Production Cross Section



36-Kr-81g
36-Kr-81m2