

Program EVALPLOT
(Version 2018-1)

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:redcullen1.net/HOMEPAGE.NEW

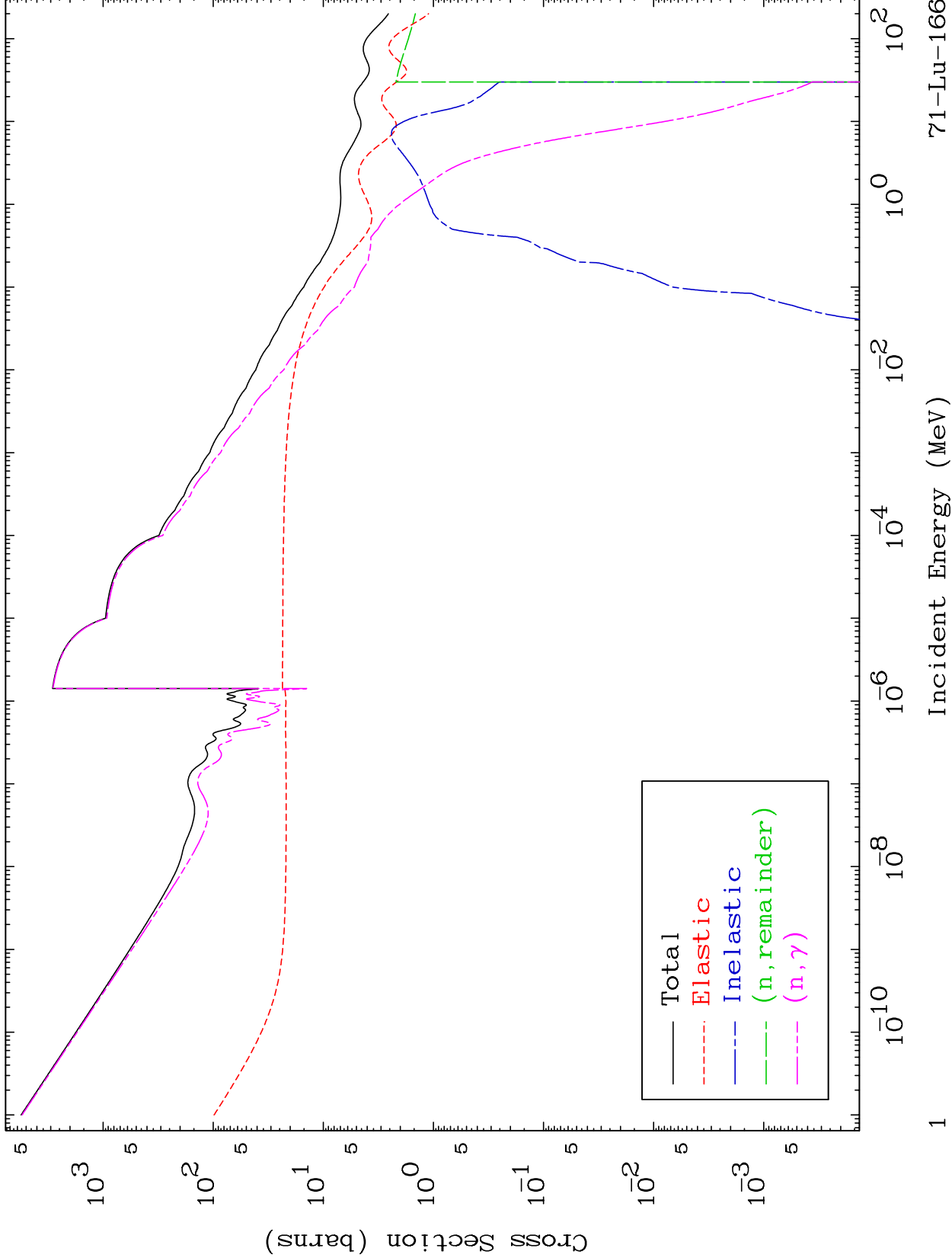
Press Mouse Button to Start

MAT 7098

Major

293 Kelvin Cross Sections

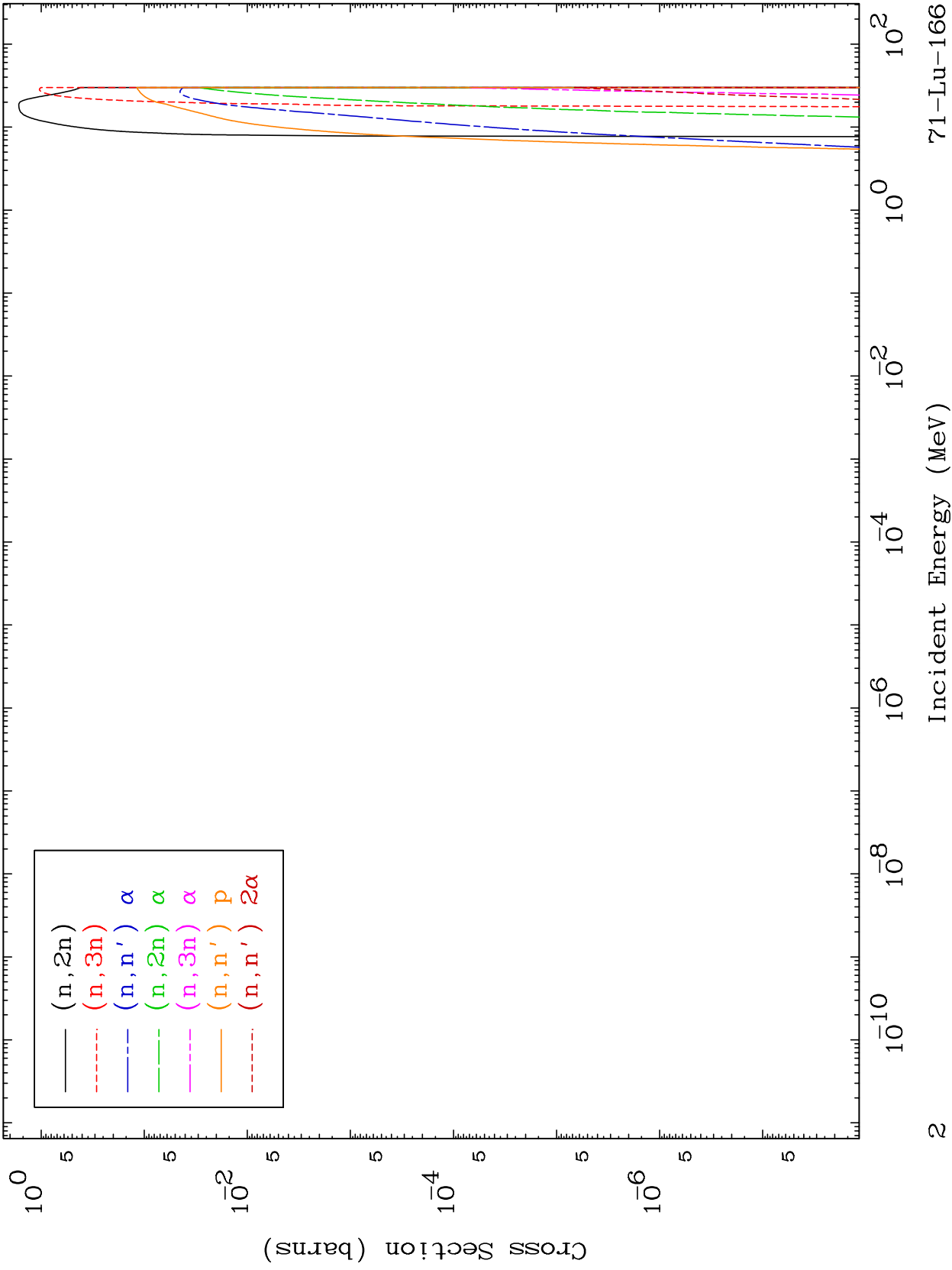
71-Lu-166

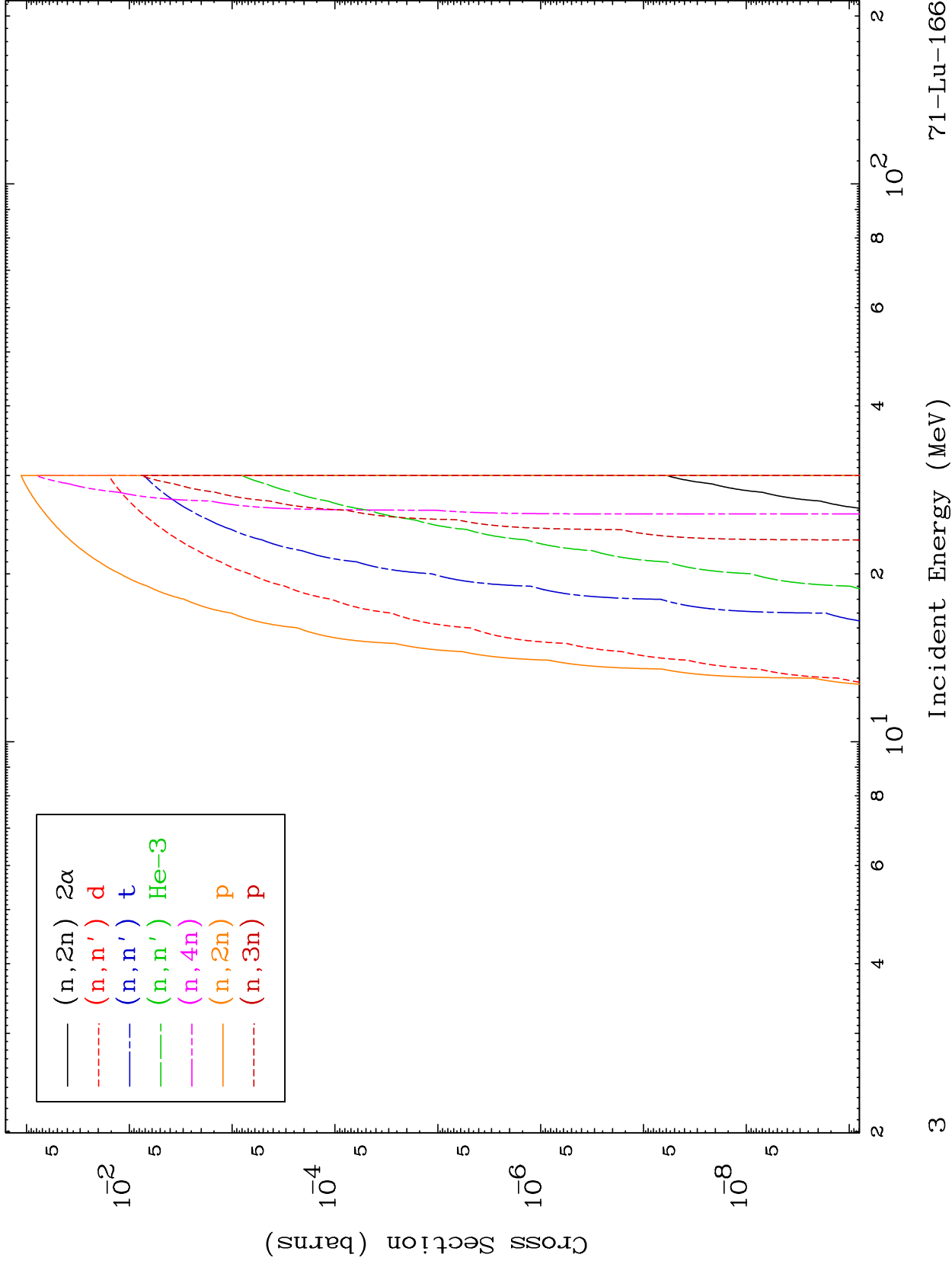


MAT 7098

Neutron Production
293 Kelvin Cross Sections

71-Lu-166

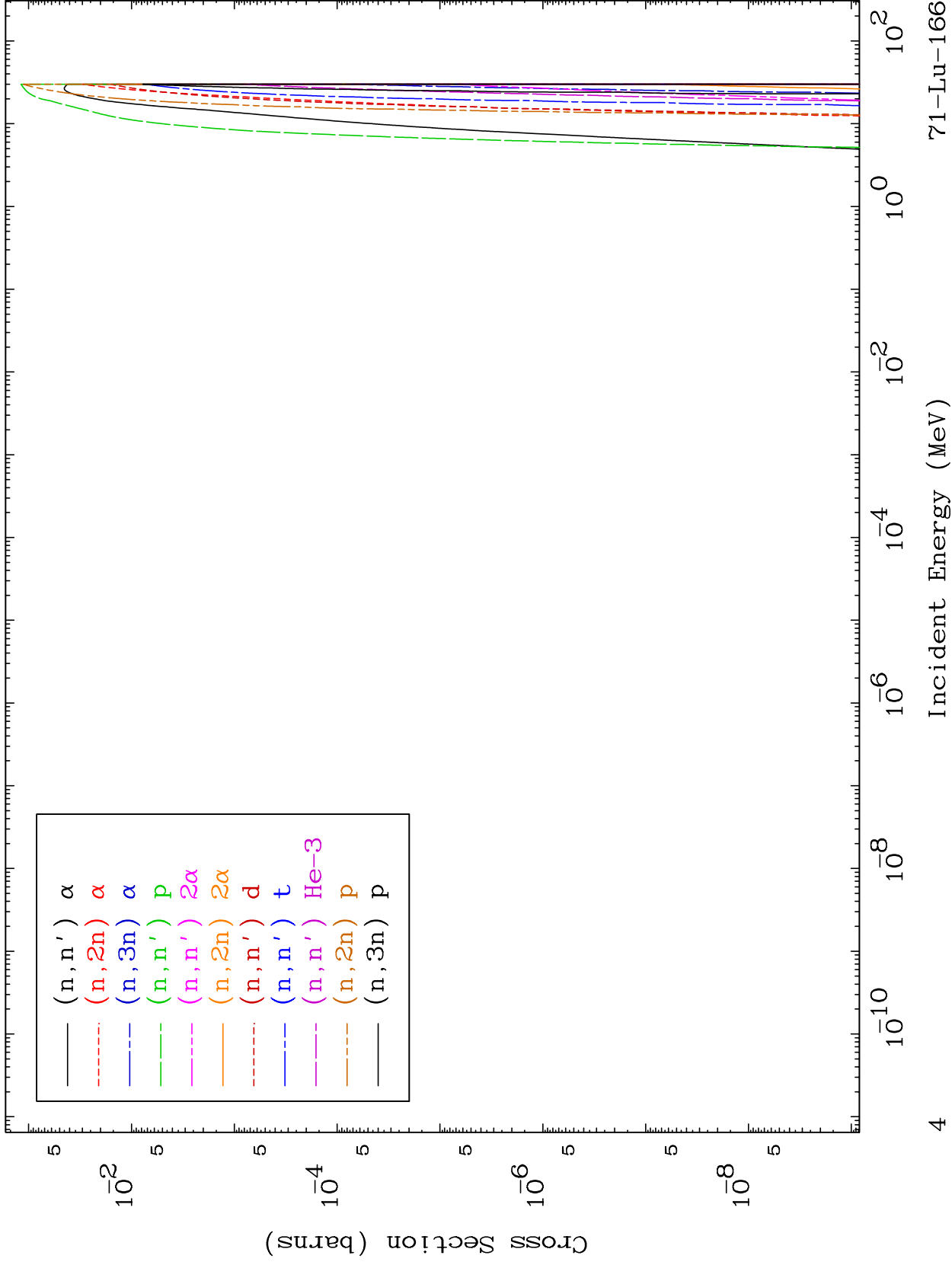


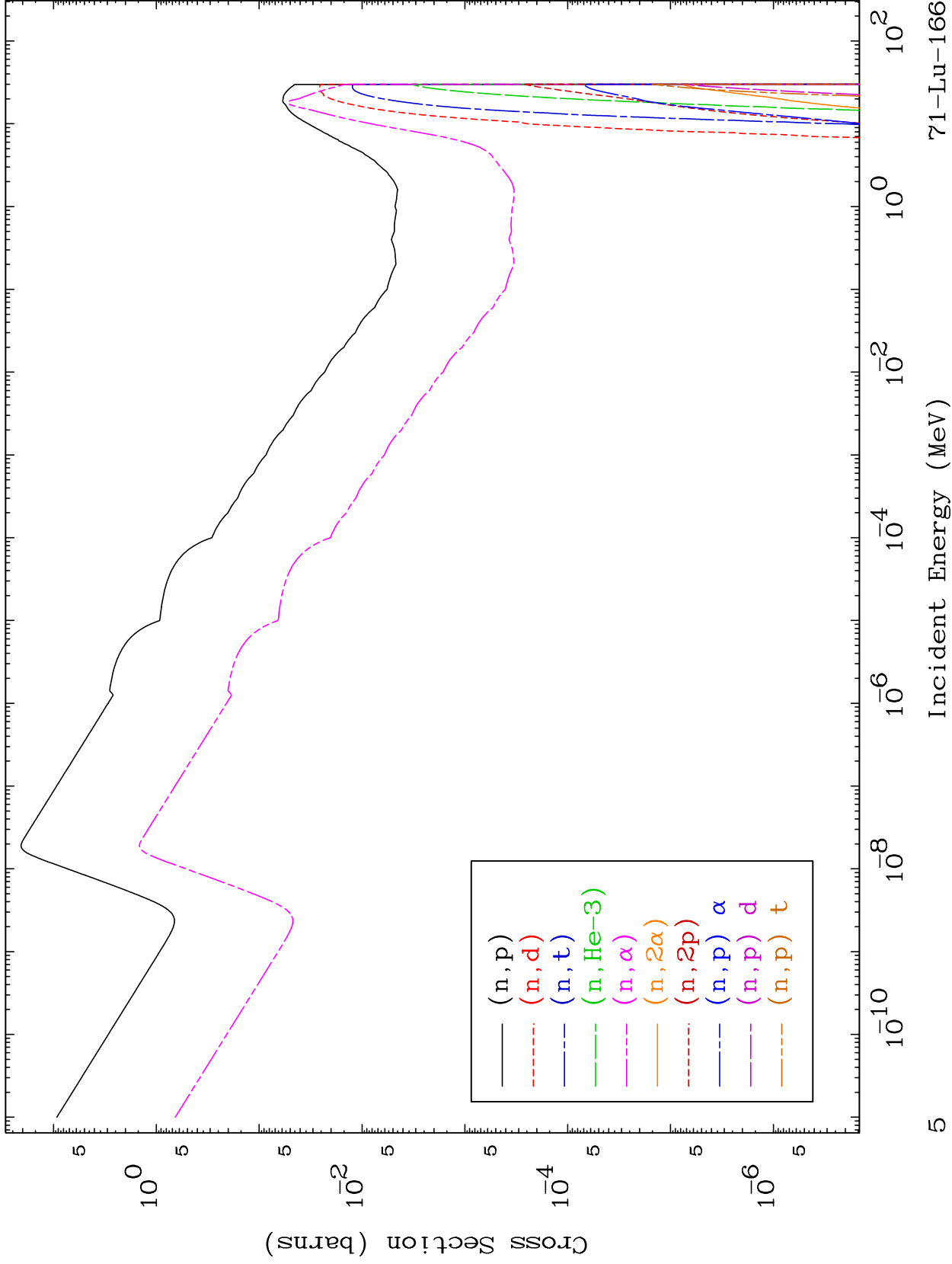


MAT 7098

Charged Particle
293 Kelvin Cross Sections

71-Lu-166

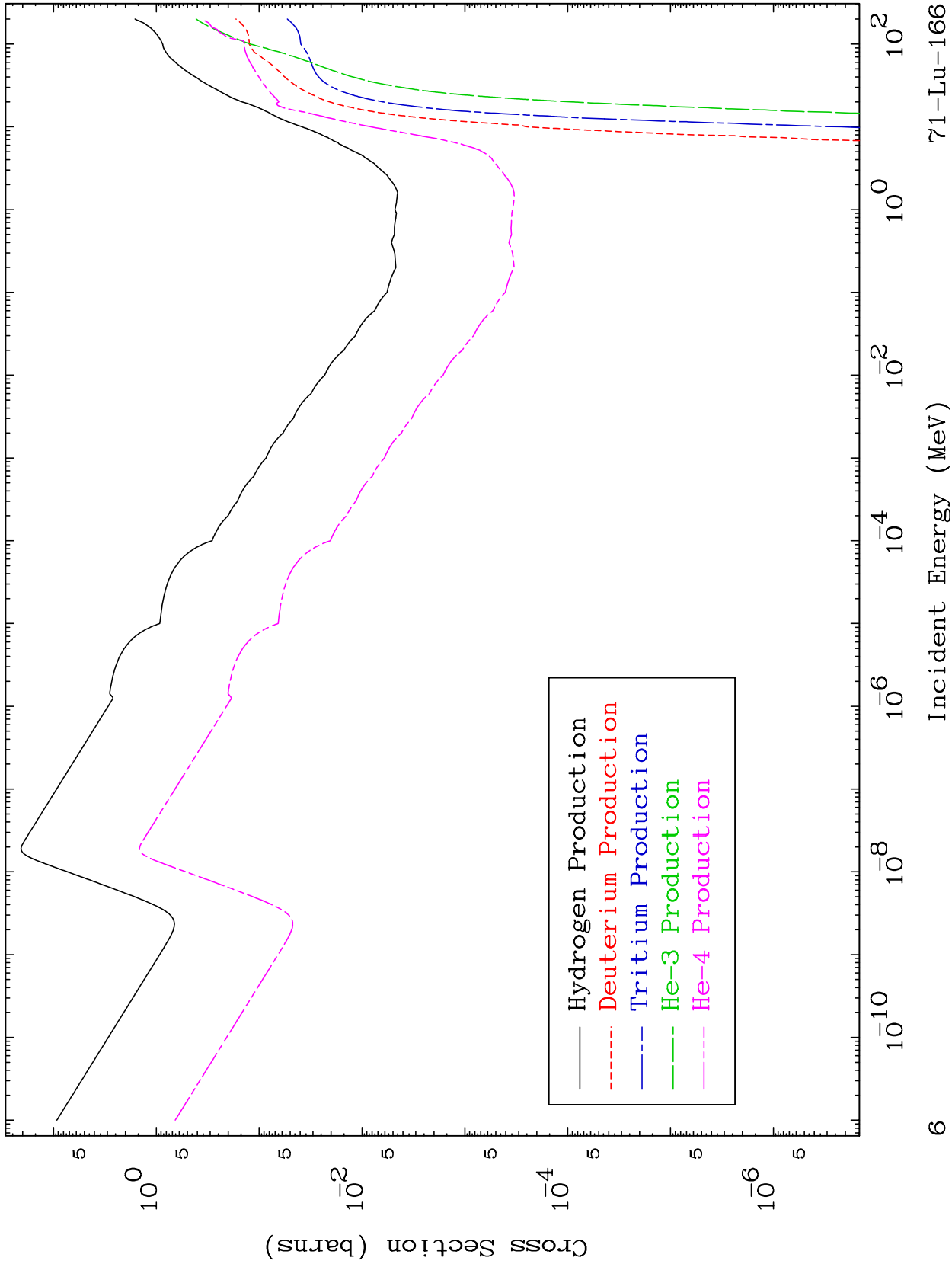




MAT 7098

Particle Production
293 Kelvin Cross Sections

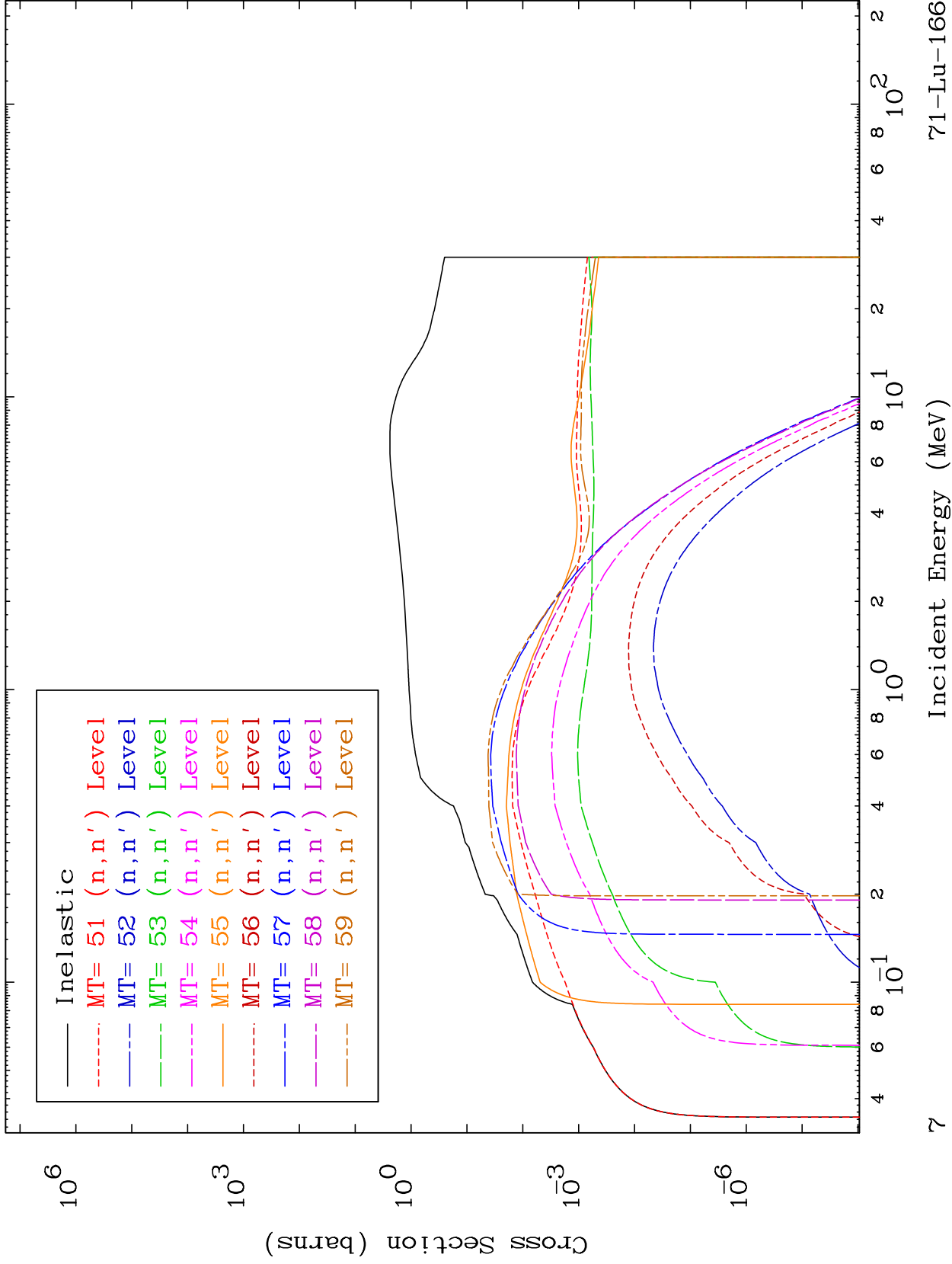
71-Lu-166



MAT 7098

293 Kelvin Cross Sections

71-Lu-166

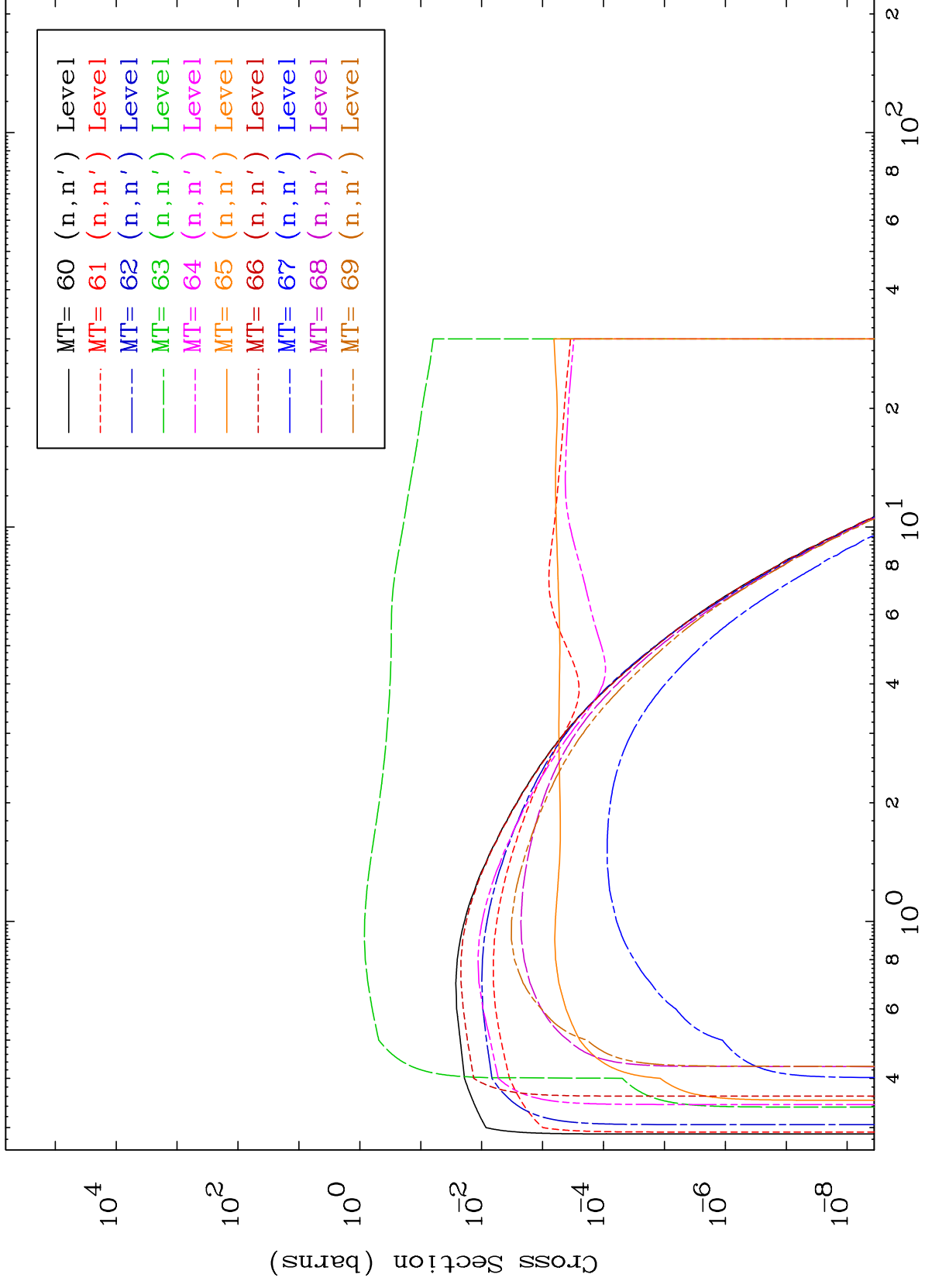


MAT 7098

(n,n') Level

71-Lu-166

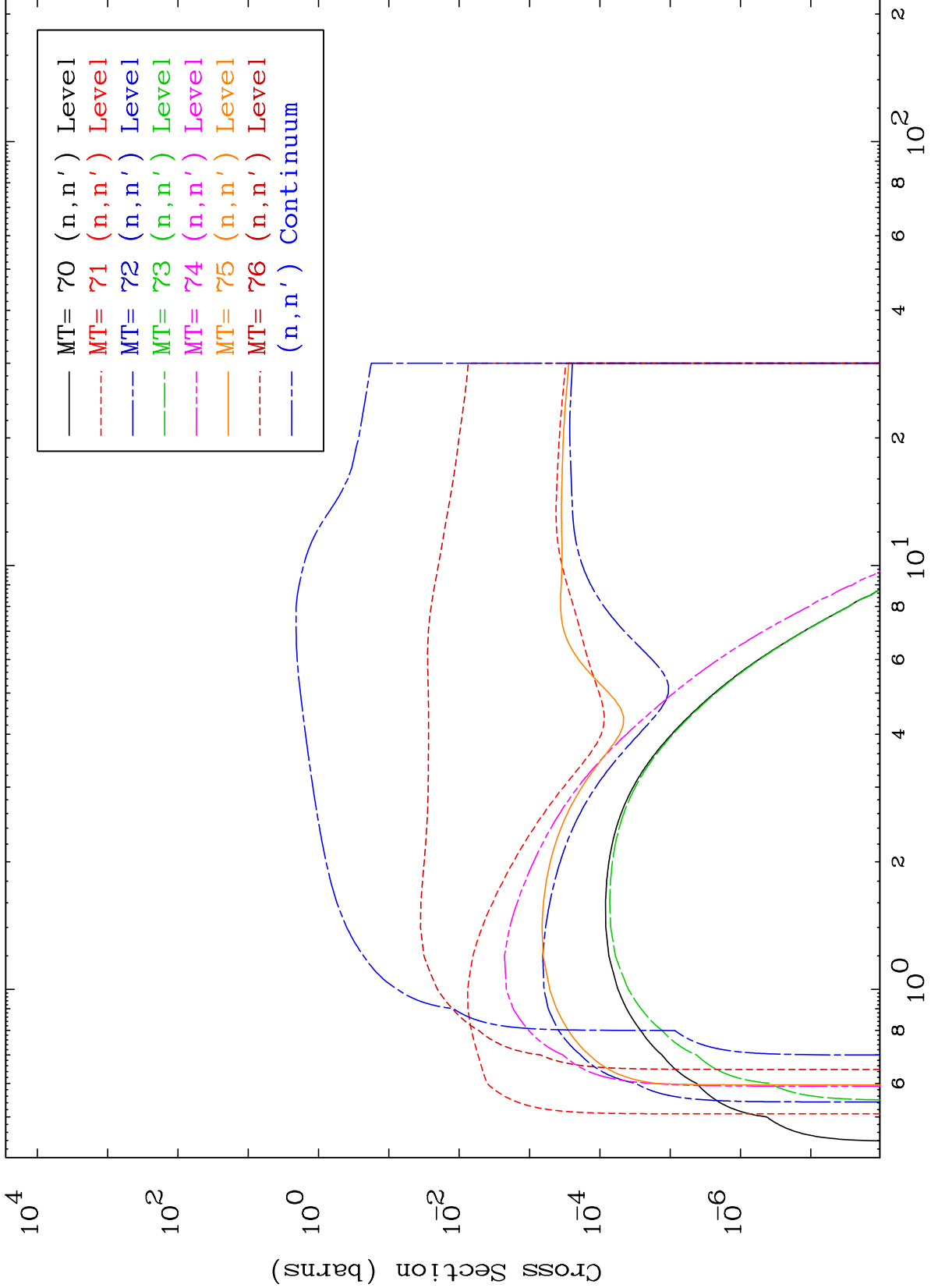
293 Kelvin Cross Sections



8

Incident Energy (MeV)

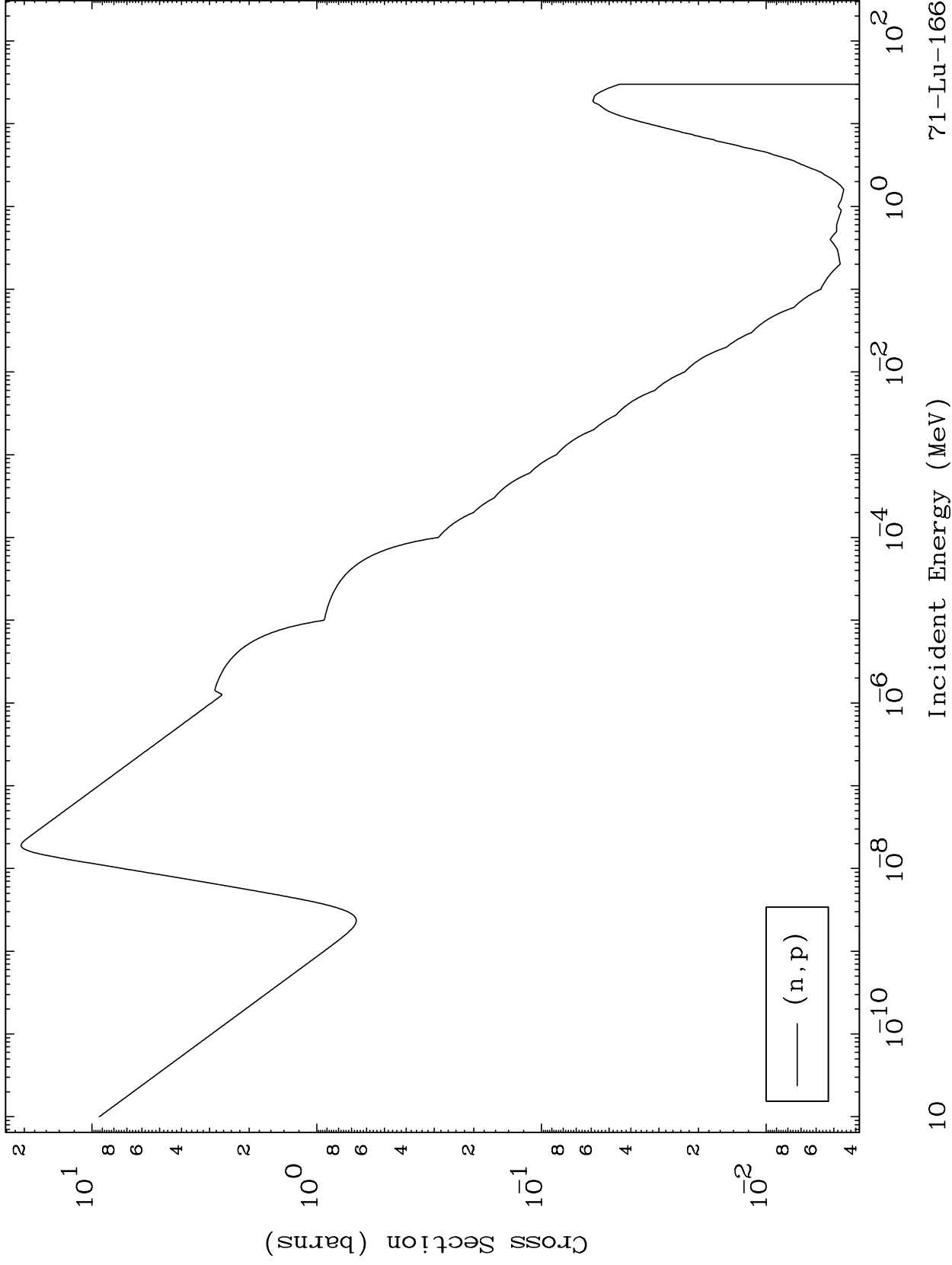
71-Lu-166



MAT 7098

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-166

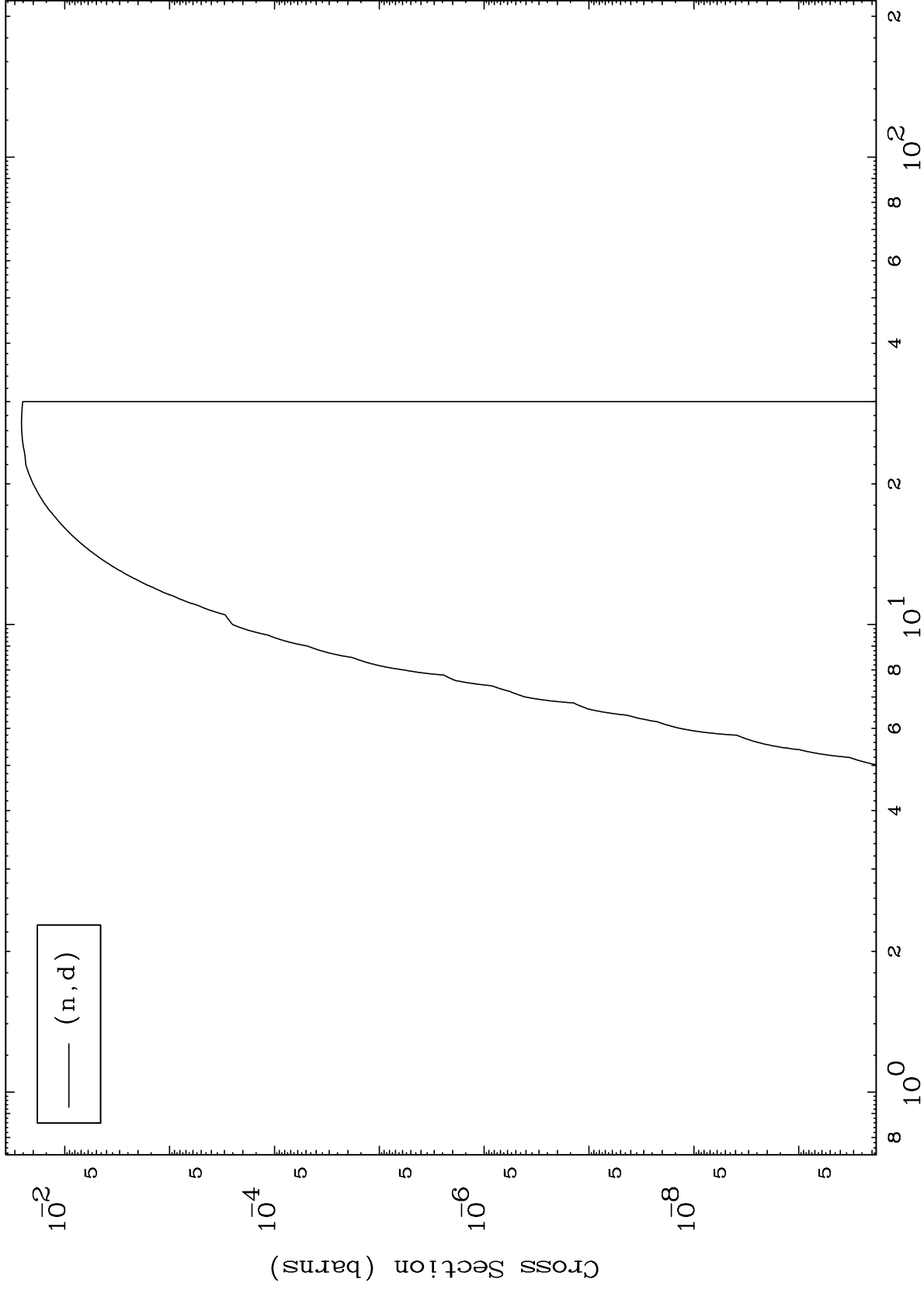


71-Lu-166

MAT 7098

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-166



11

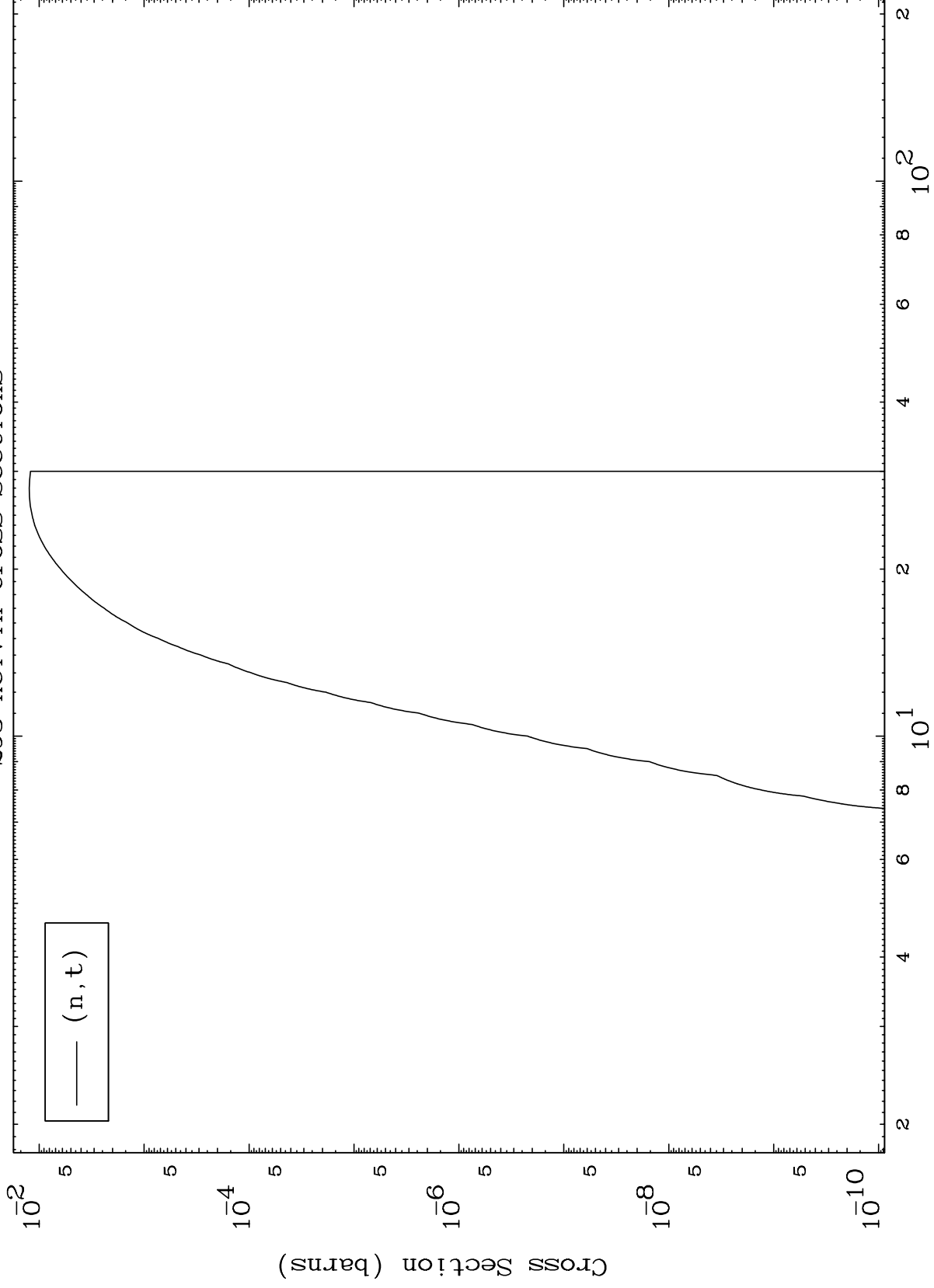
Incident Energy (MeV)

71-Lu-166

MAT 7098

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-166



12

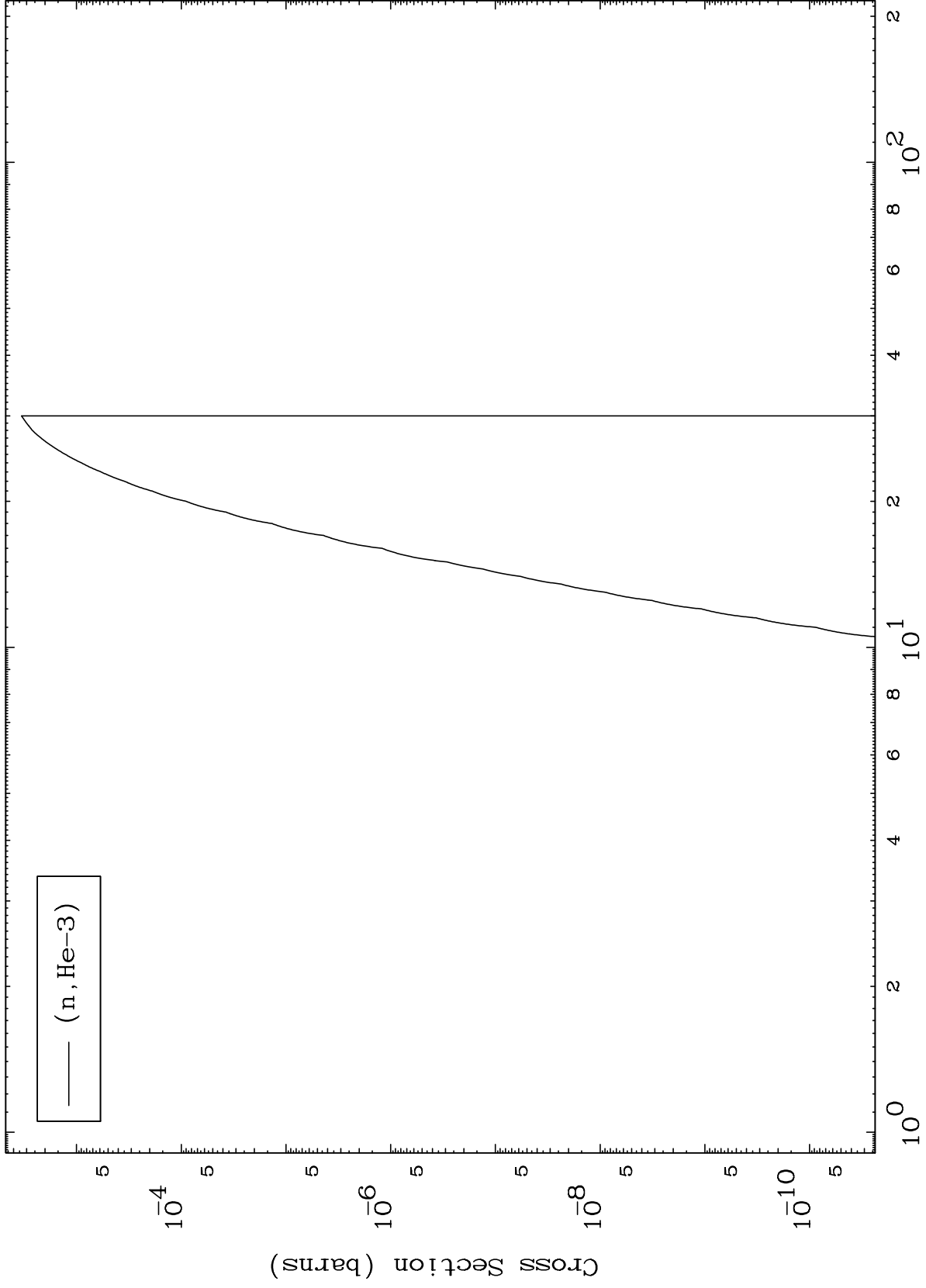
Incident Energy (MeV)

71-Lu-166

MAT 7098

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-166



13

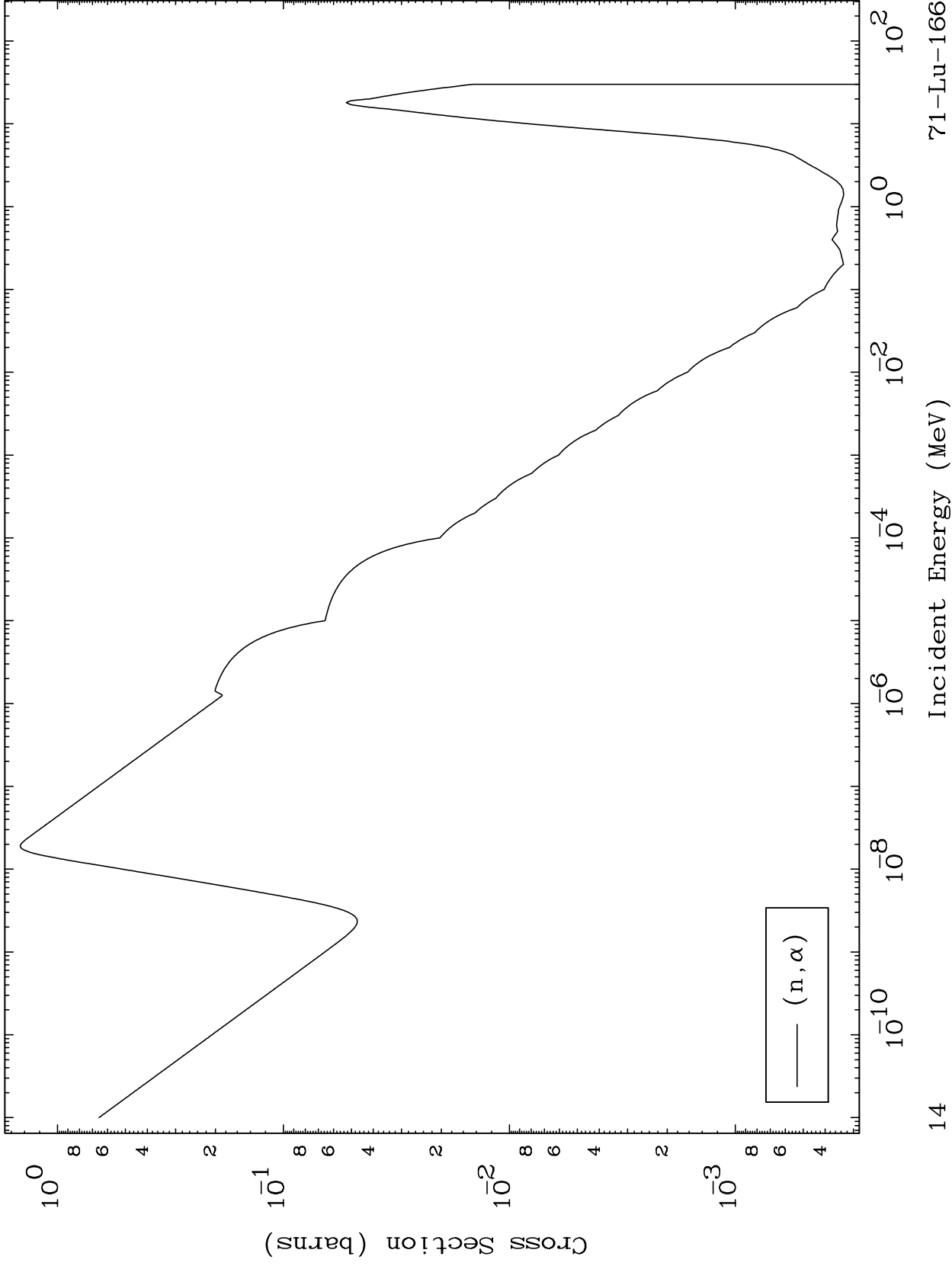
Incident Energy (MeV)

71-Lu-166

MAT 7098

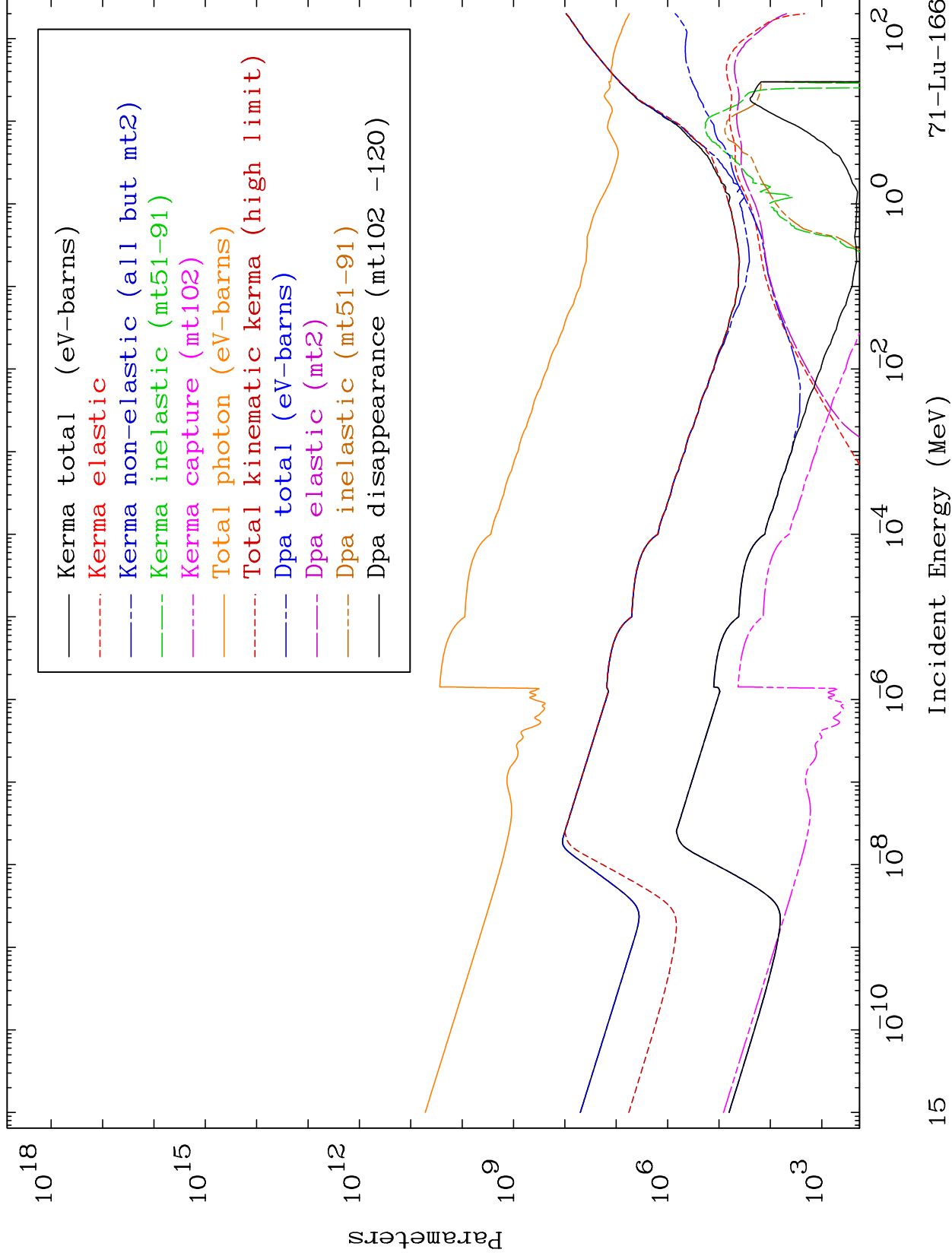
(n,α) Levels
293 Kelvin Cross Sections

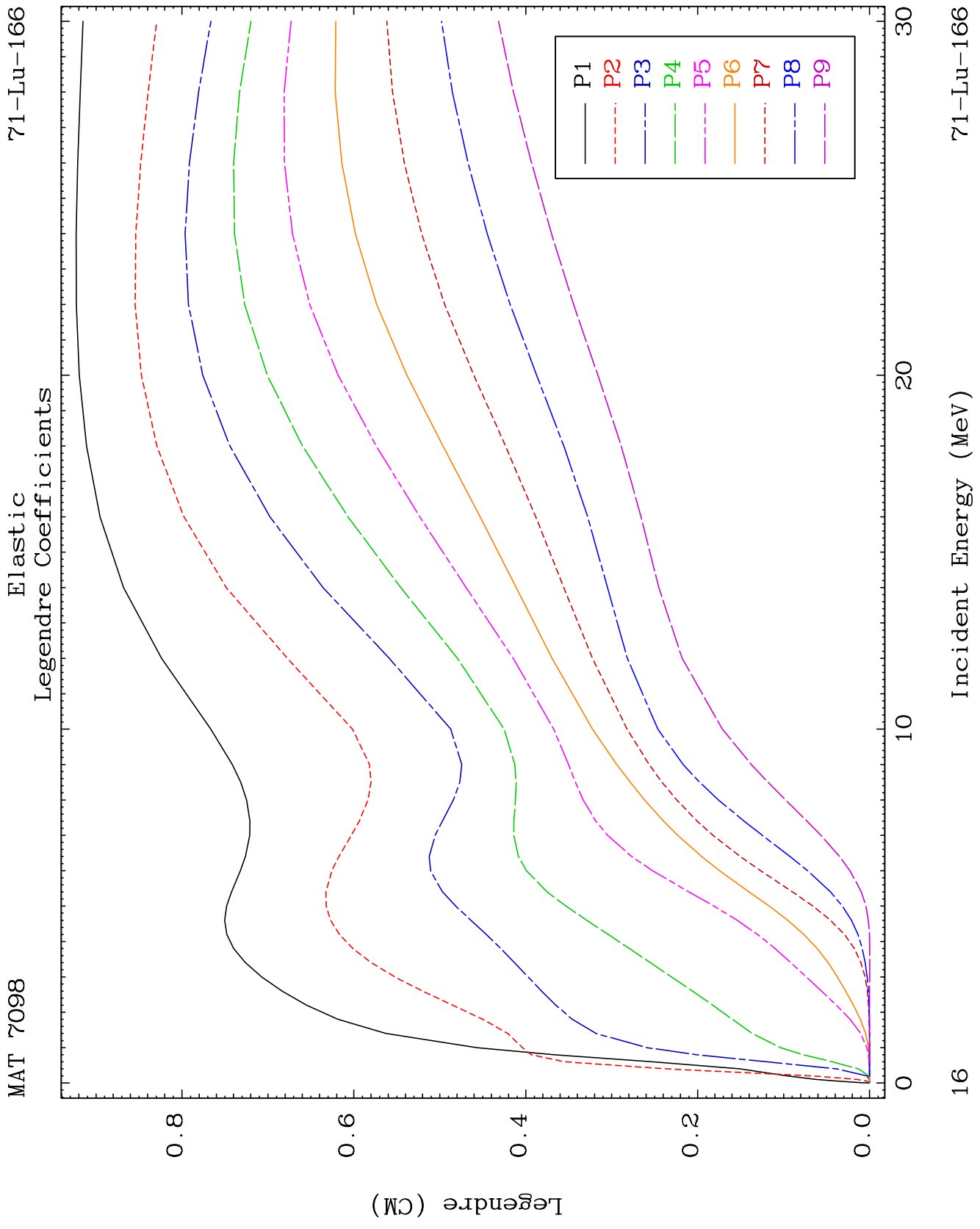
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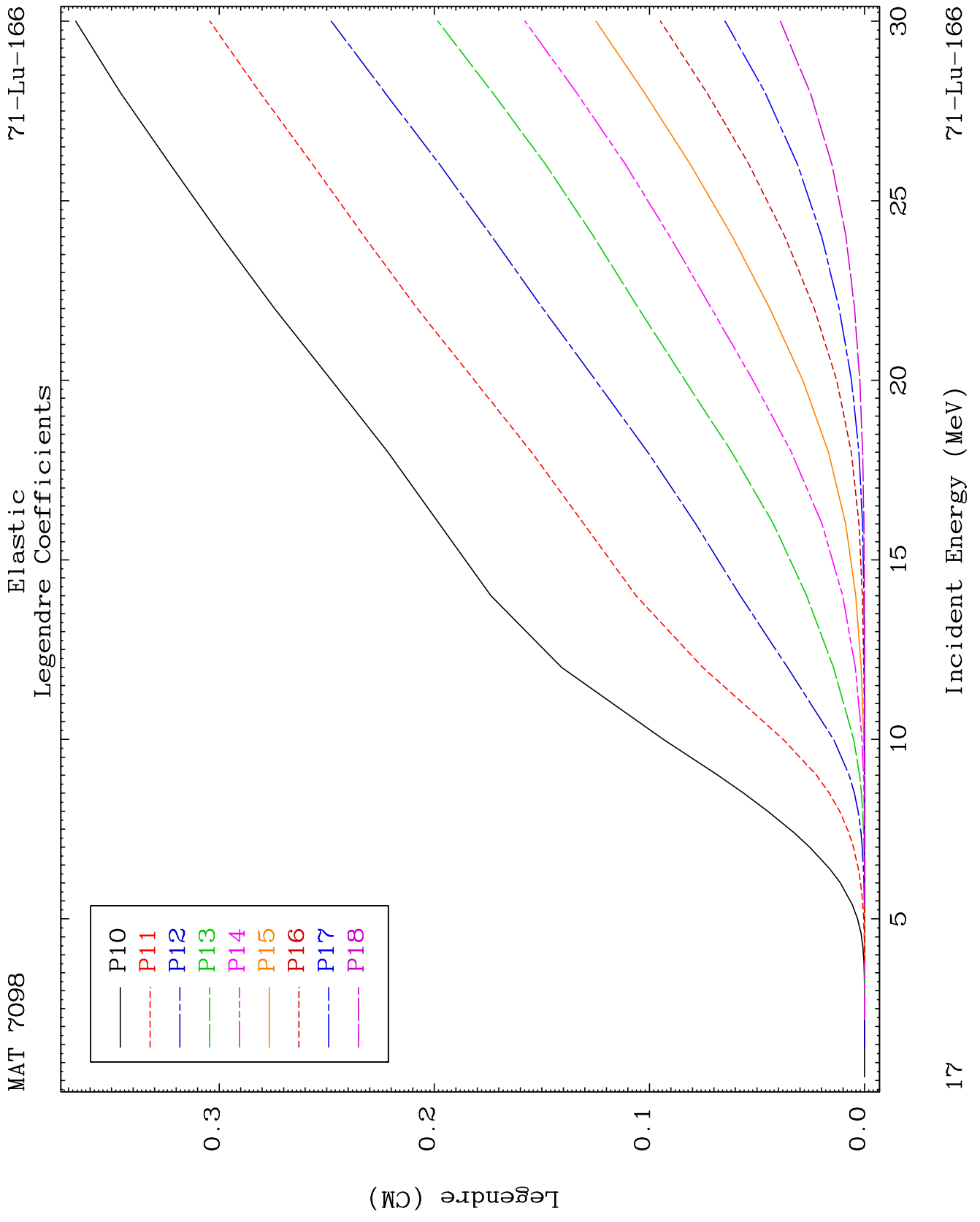


71-Lu-166

Incident Energy (MeV)



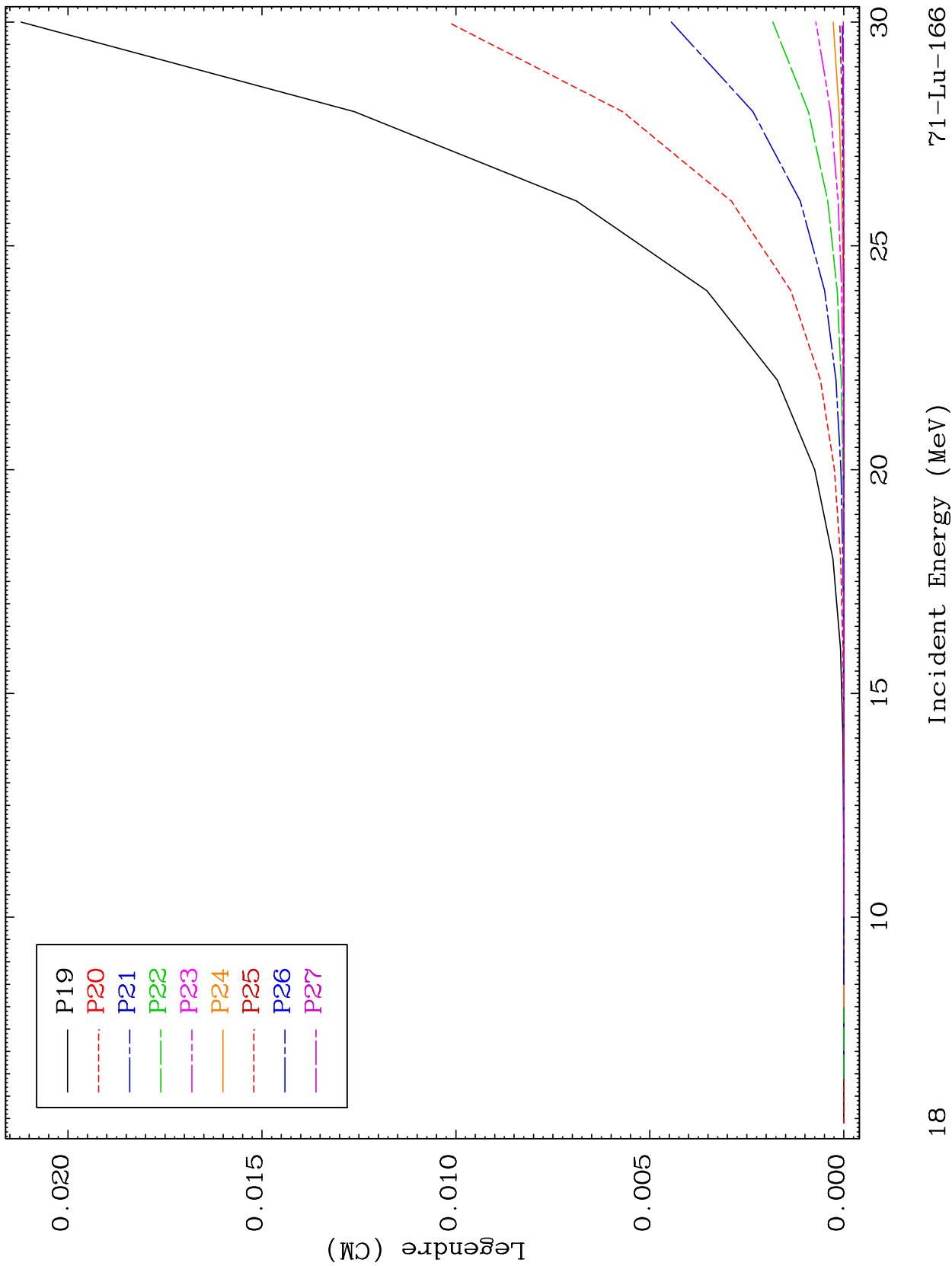




MAT 7098

Elastic Legendre Coefficients

⁷¹Lu-166



18

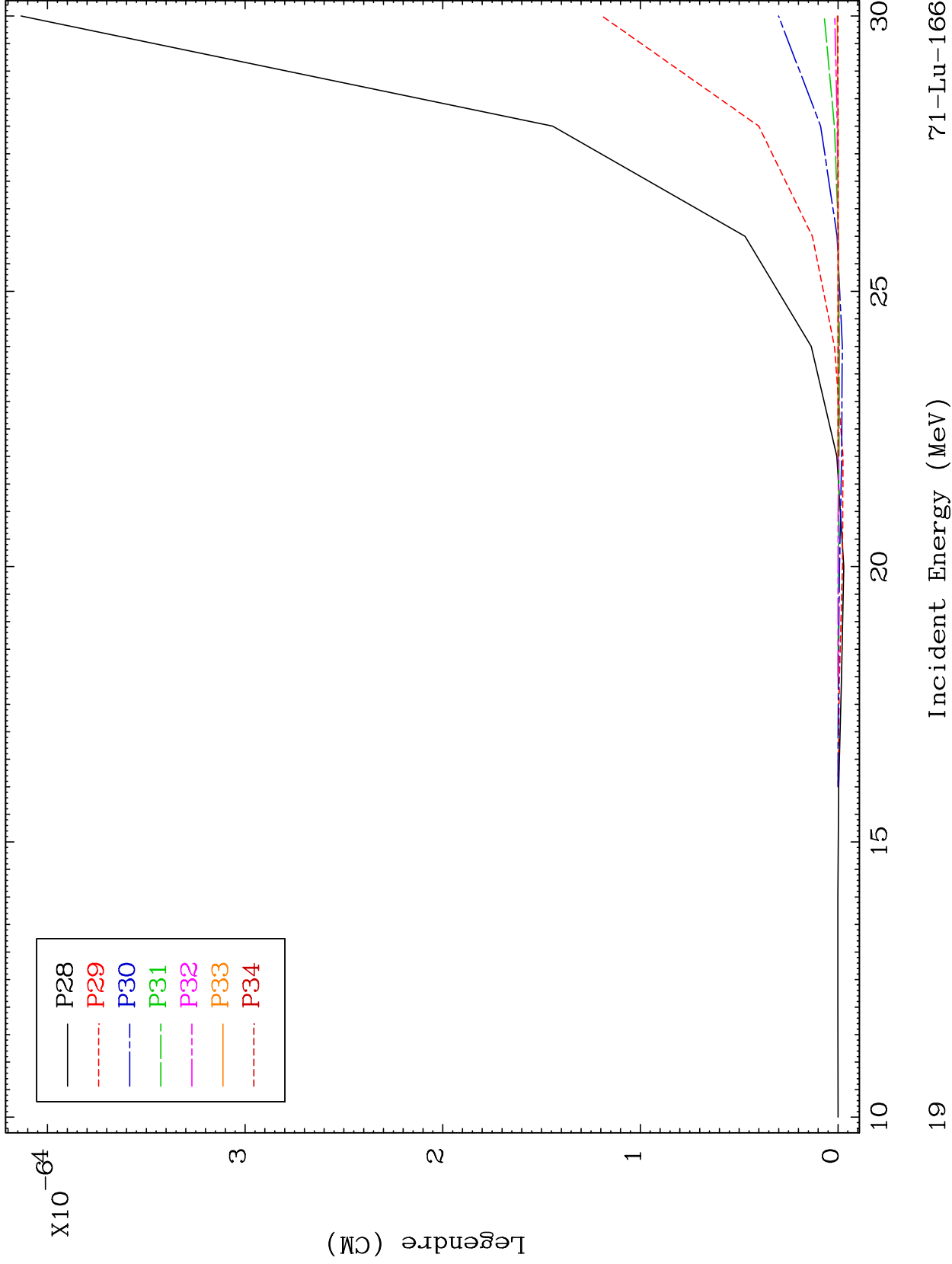
Incident Energy (MeV)

⁷¹Lu-166

MAT 7098

Elastic
Legendre Coefficients

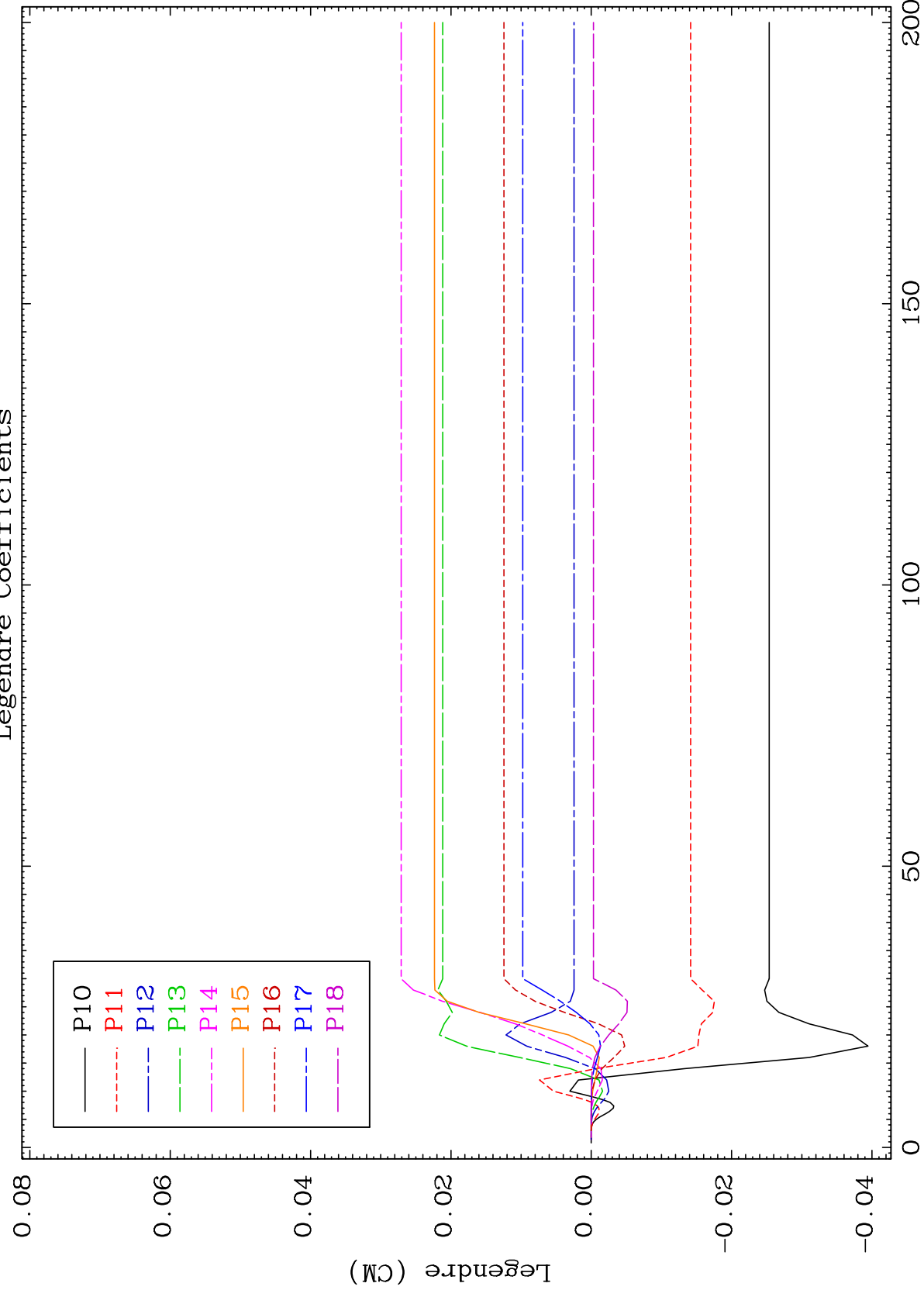
⁷¹Lu-166



MAT 7098

MT= 51 (n,n') Level
Legendre Coefficients

71-Lu-166



21

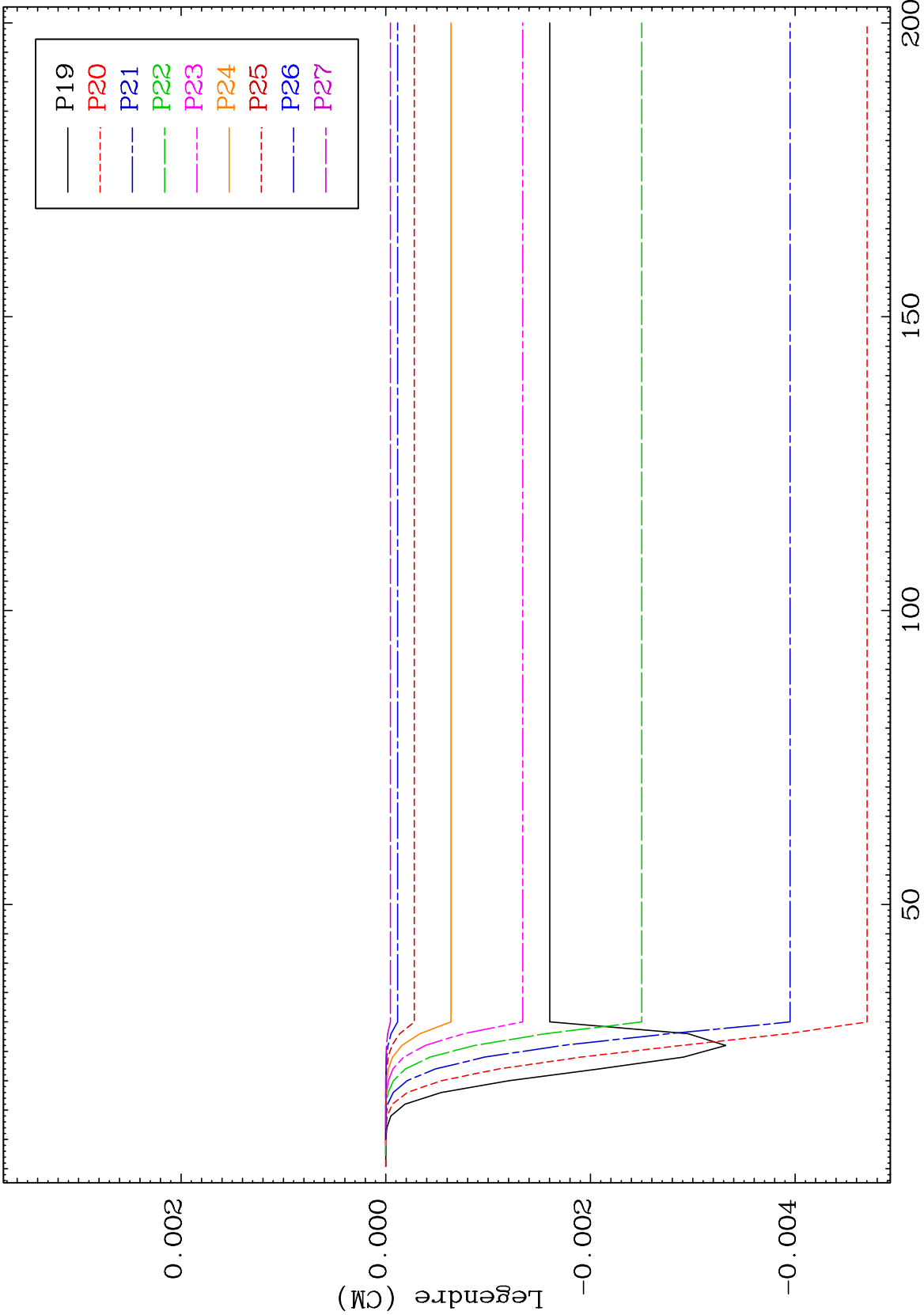
Incident Energy (MeV)

71-Lu-166

MAT 7098

MT= 51 (n,n') Level
Legendre Coefficients

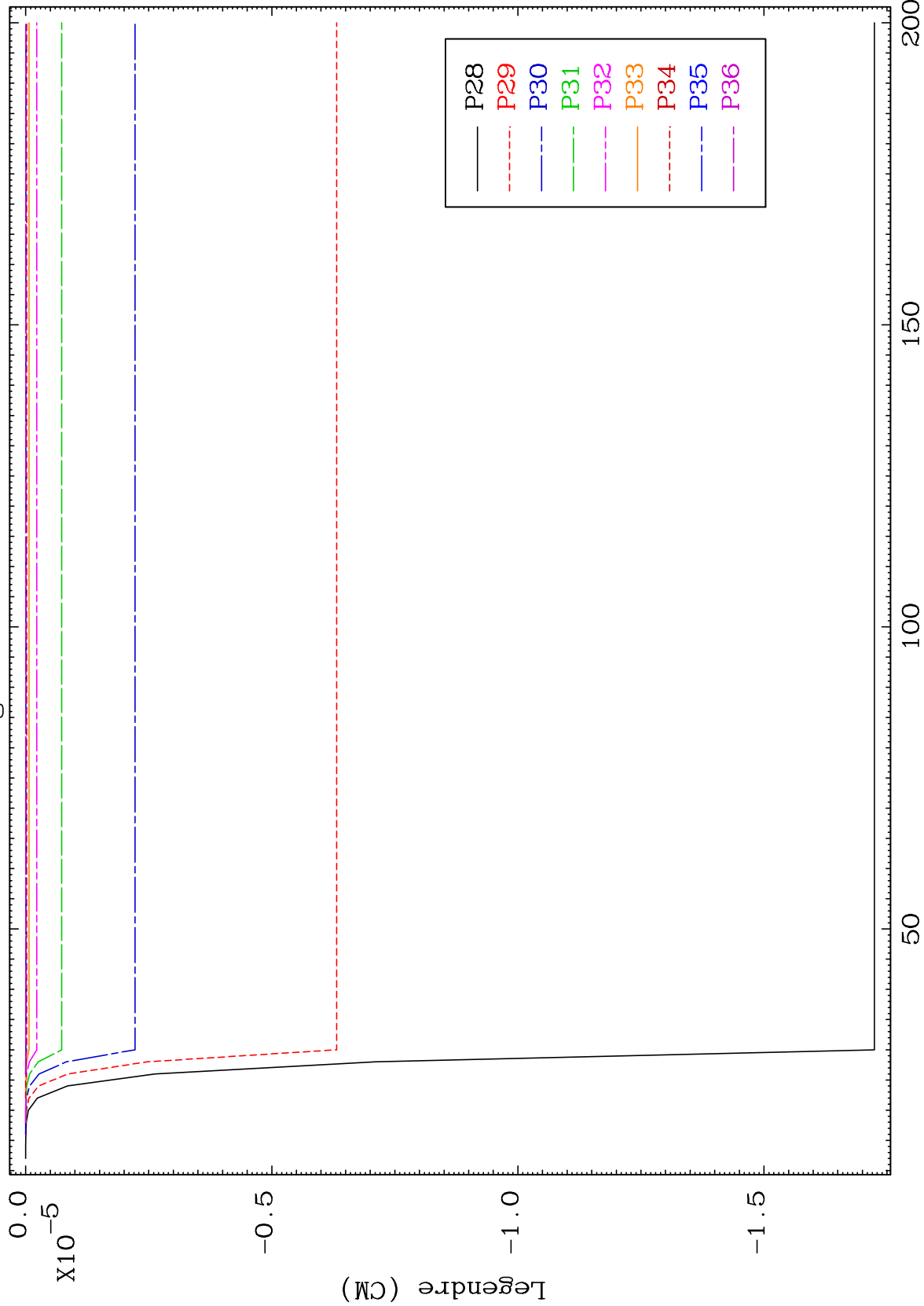
71-Lu-166



22

Incident Energy (MeV)

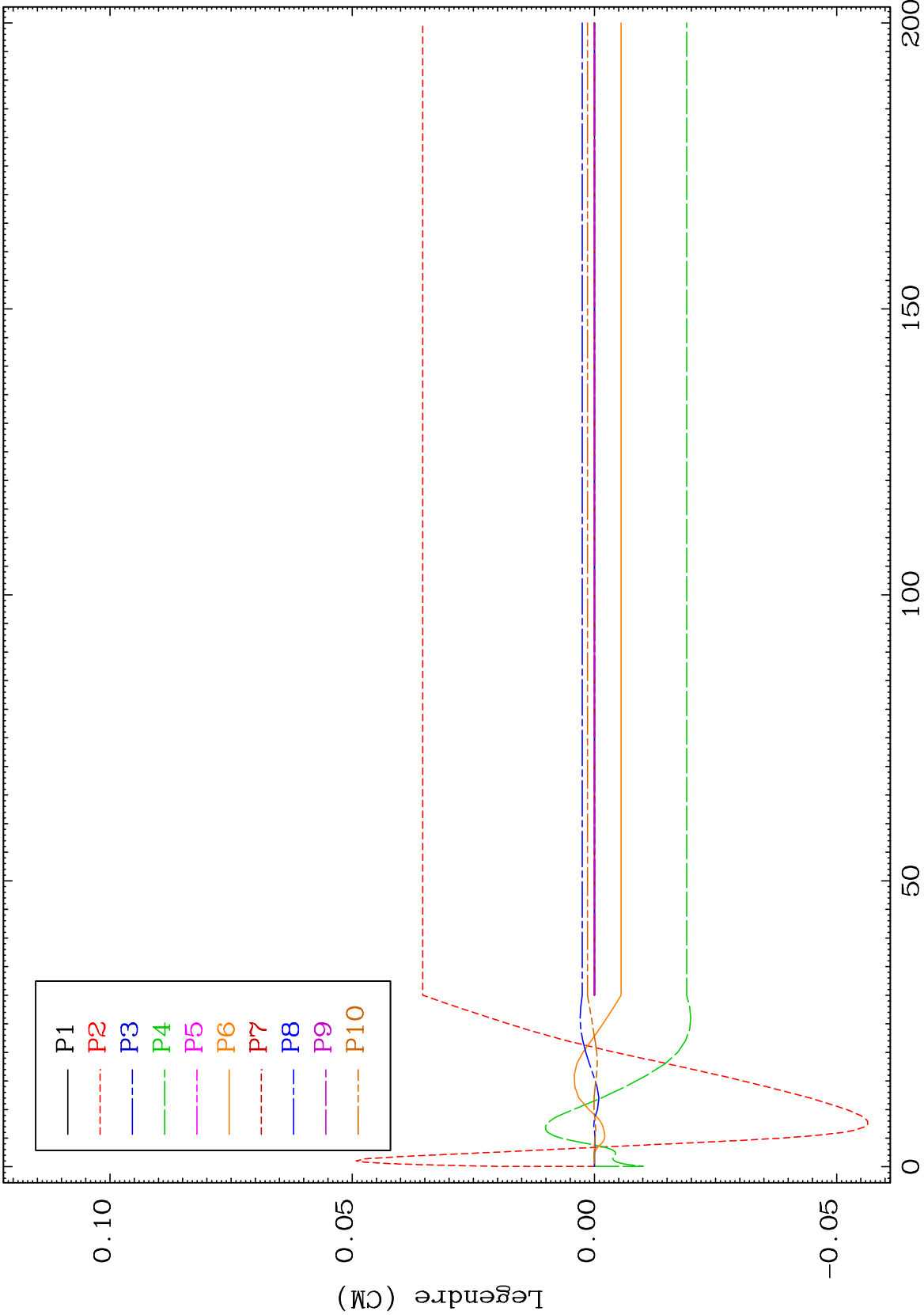
71-Lu-166



MAT 7098

MT= 52 (n,n') Level
Legendre Coefficients

71-Lu-166



24

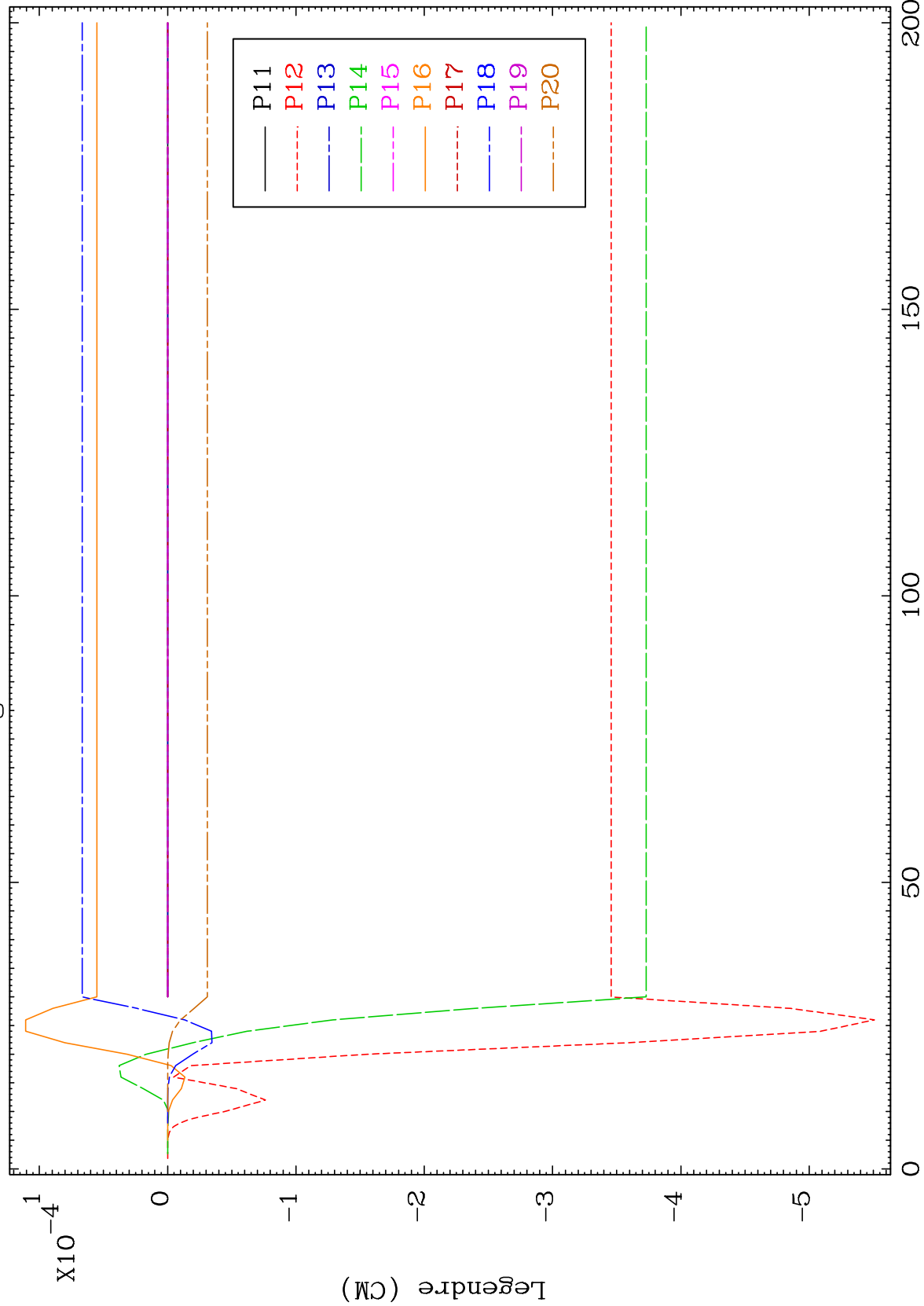
Incident Energy (MeV)

71-Lu-166

MAT 7098

MT= 52 (n,n') Level
Legendre Coefficients

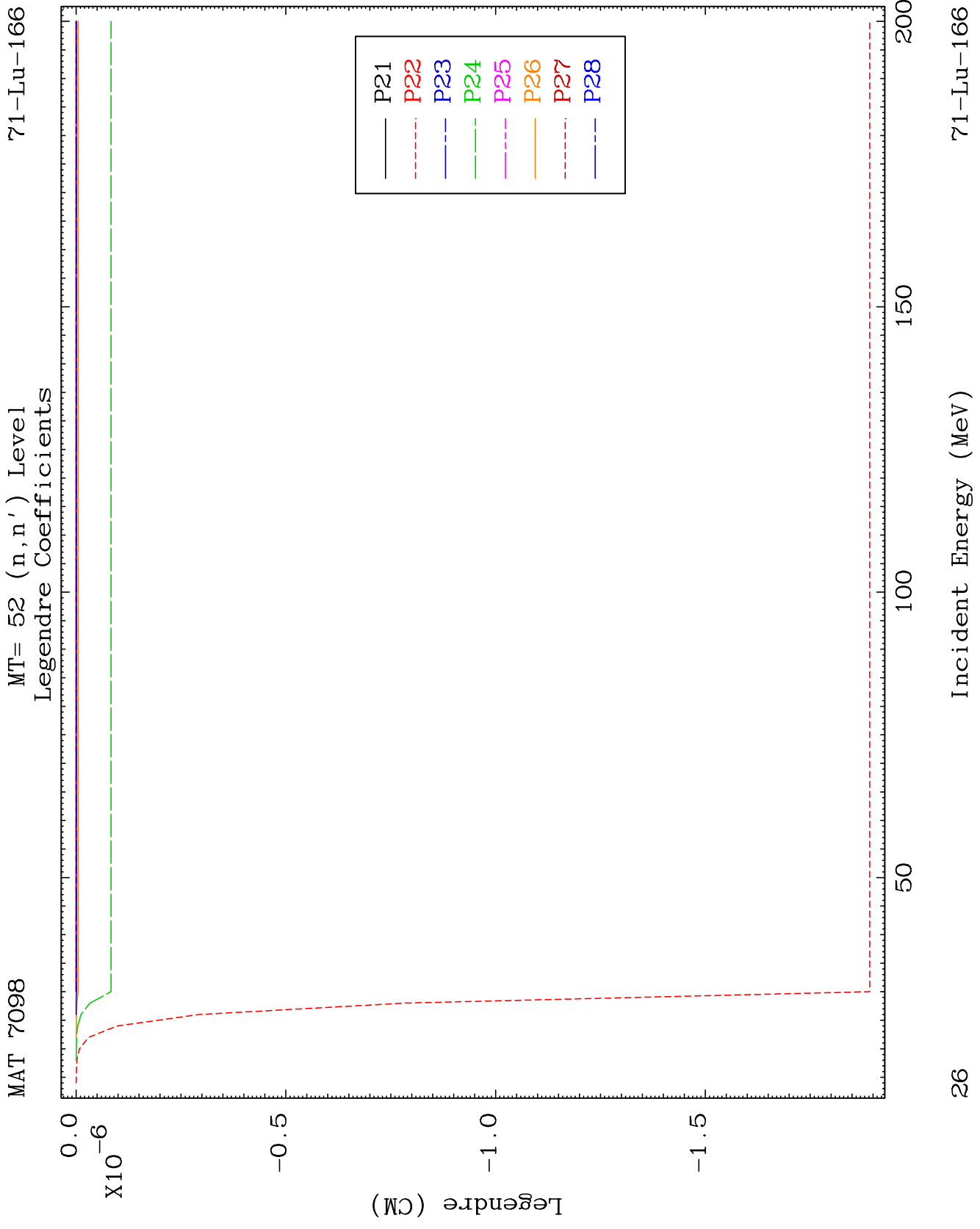
71-Lu-166



25

Incident Energy (MeV)

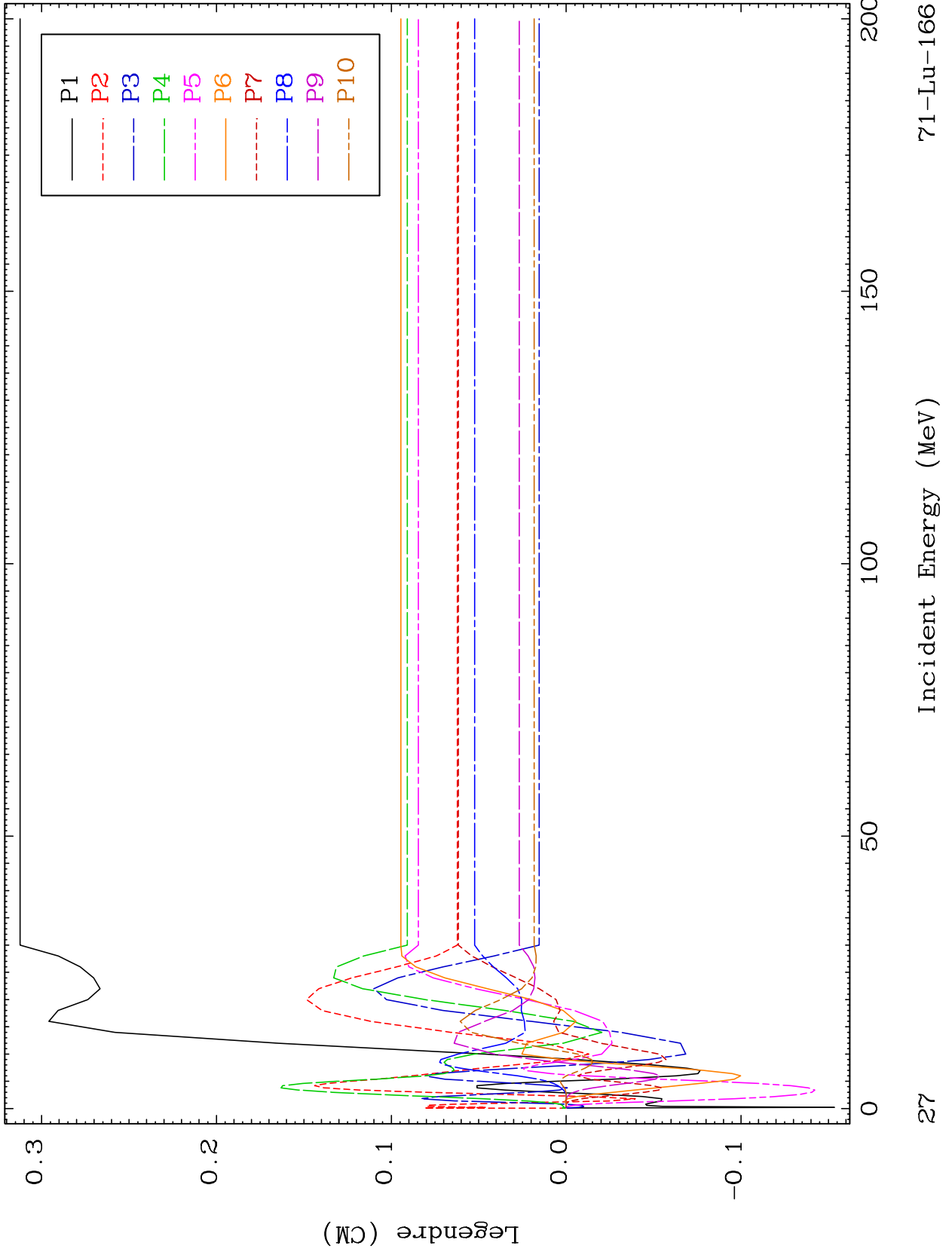
71-Lu-166



MAT 7098

MT= 53 (n,n') Level
Legendre Coefficients

71-Lu-166



71-Lu-166

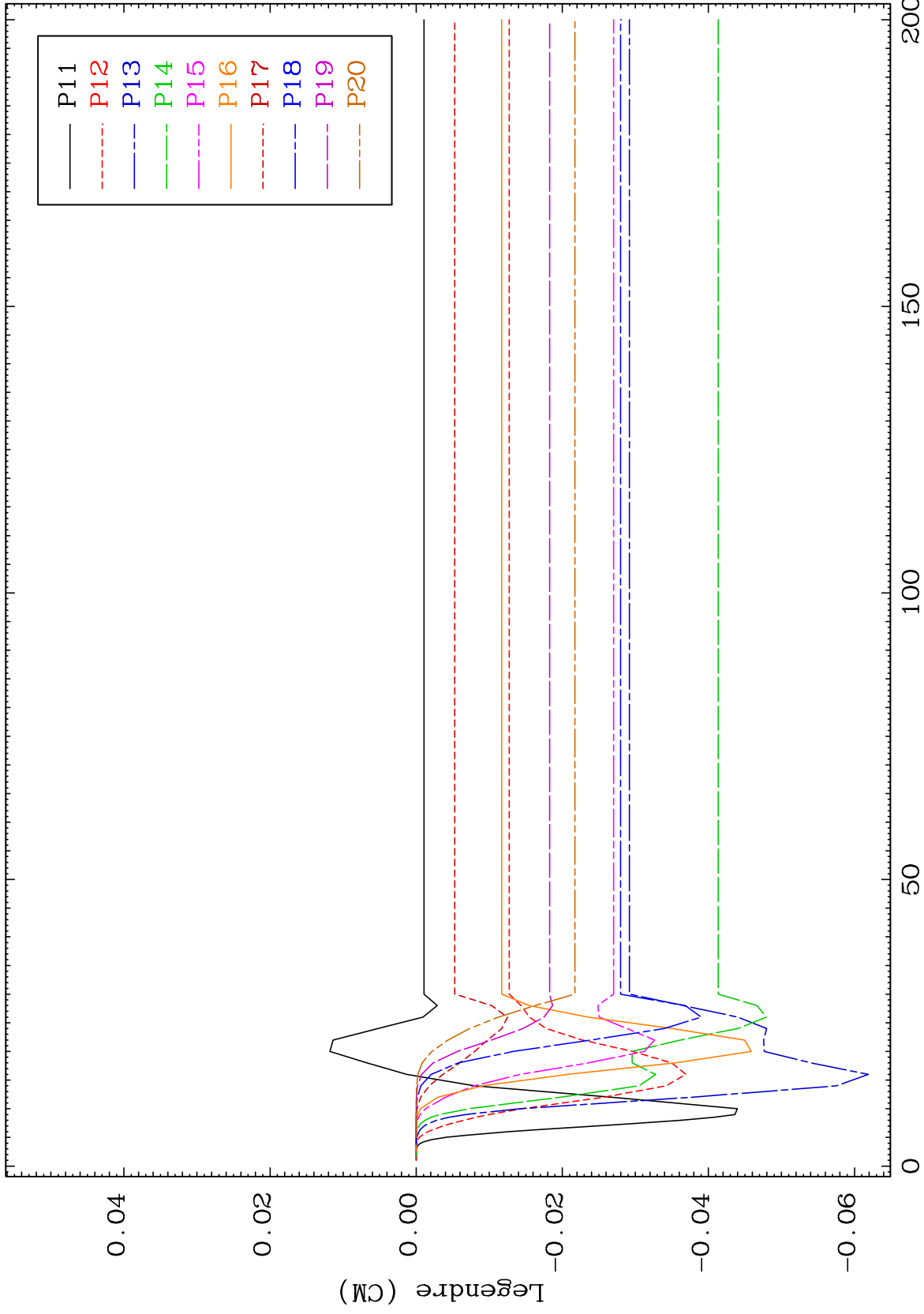
Incident Energy (MeV)

27

MAT 7098

MT= 53 (n,n') Level
Legendre Coefficients

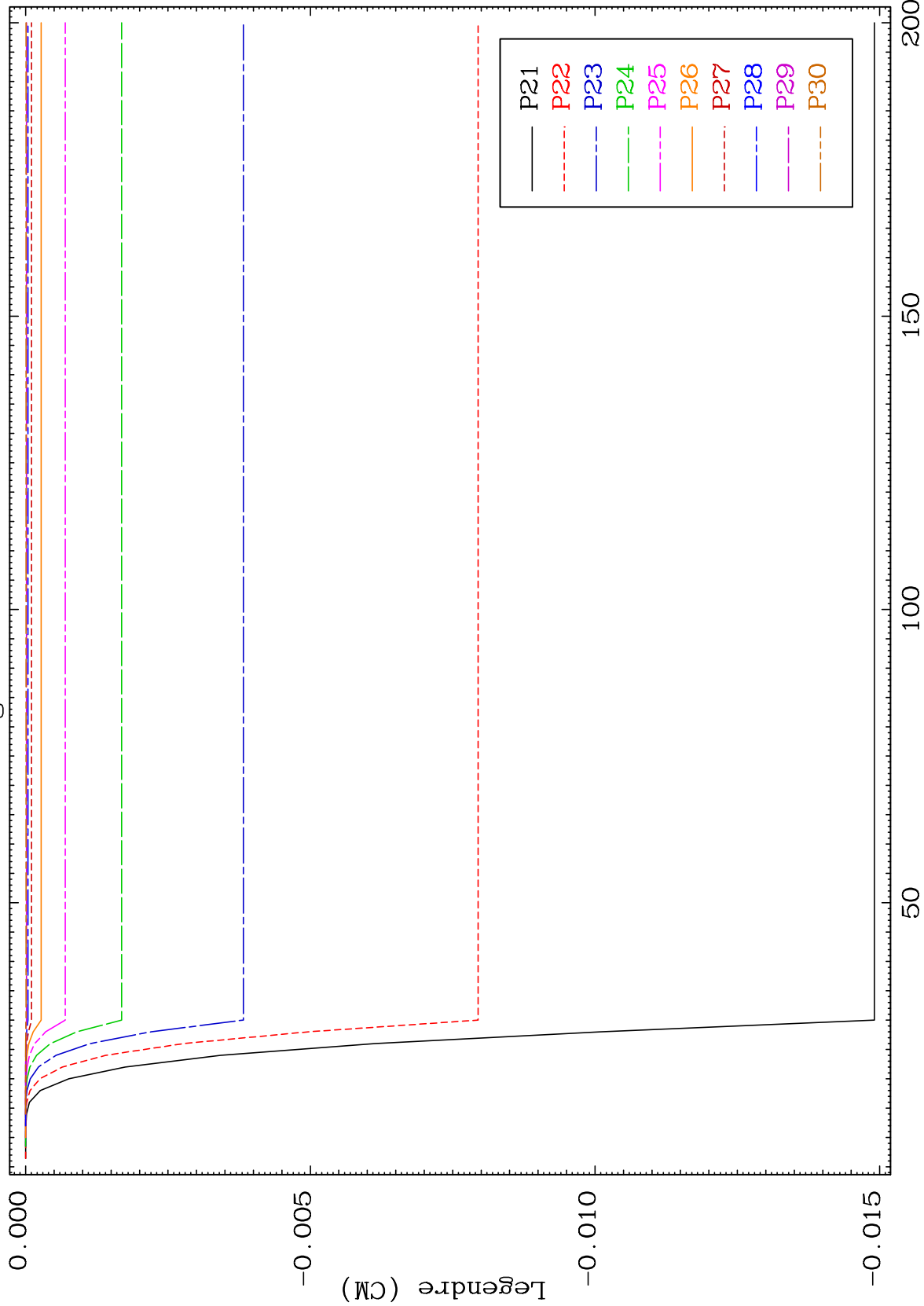
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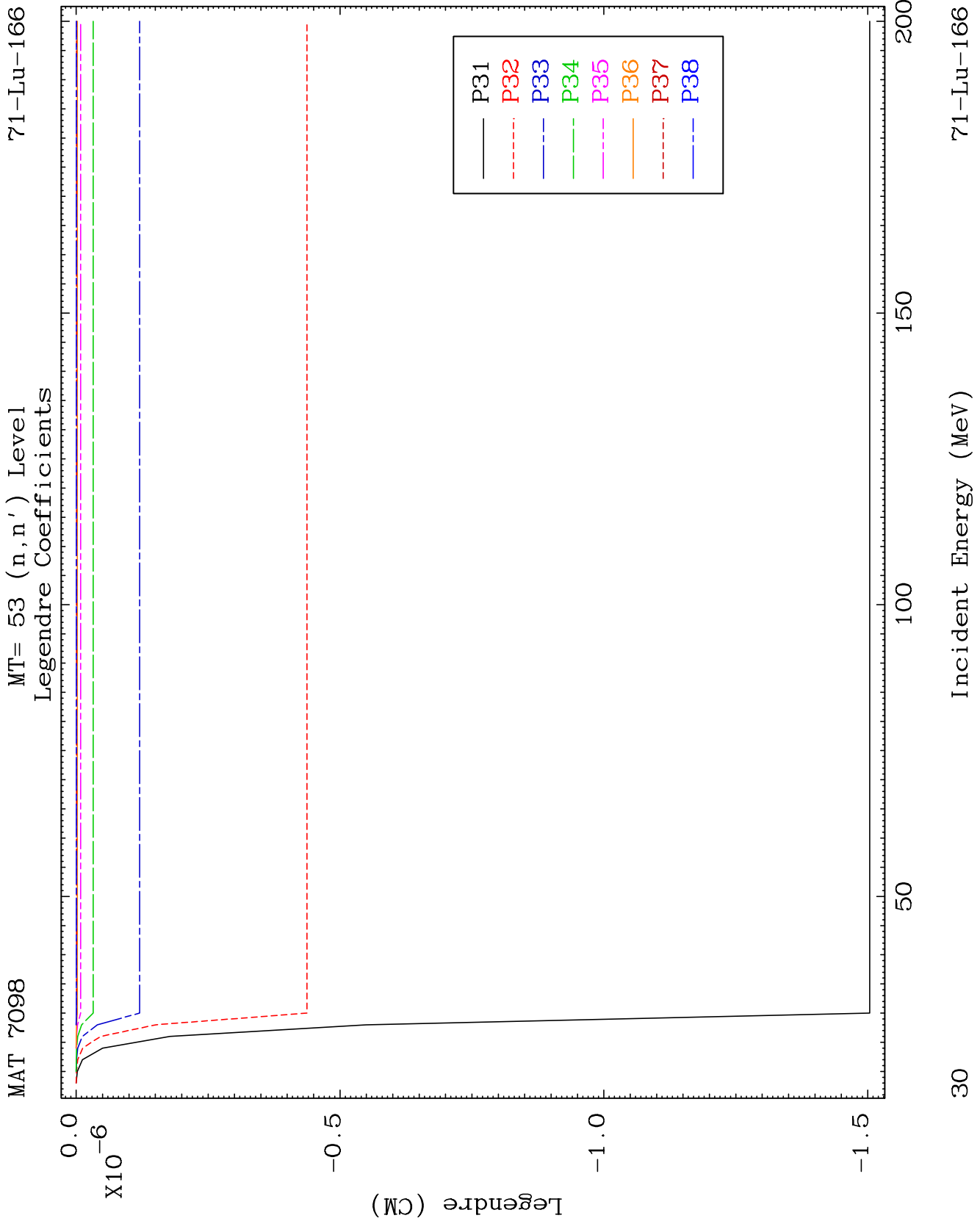


28

Incident Energy (MeV)

71-Lu-166

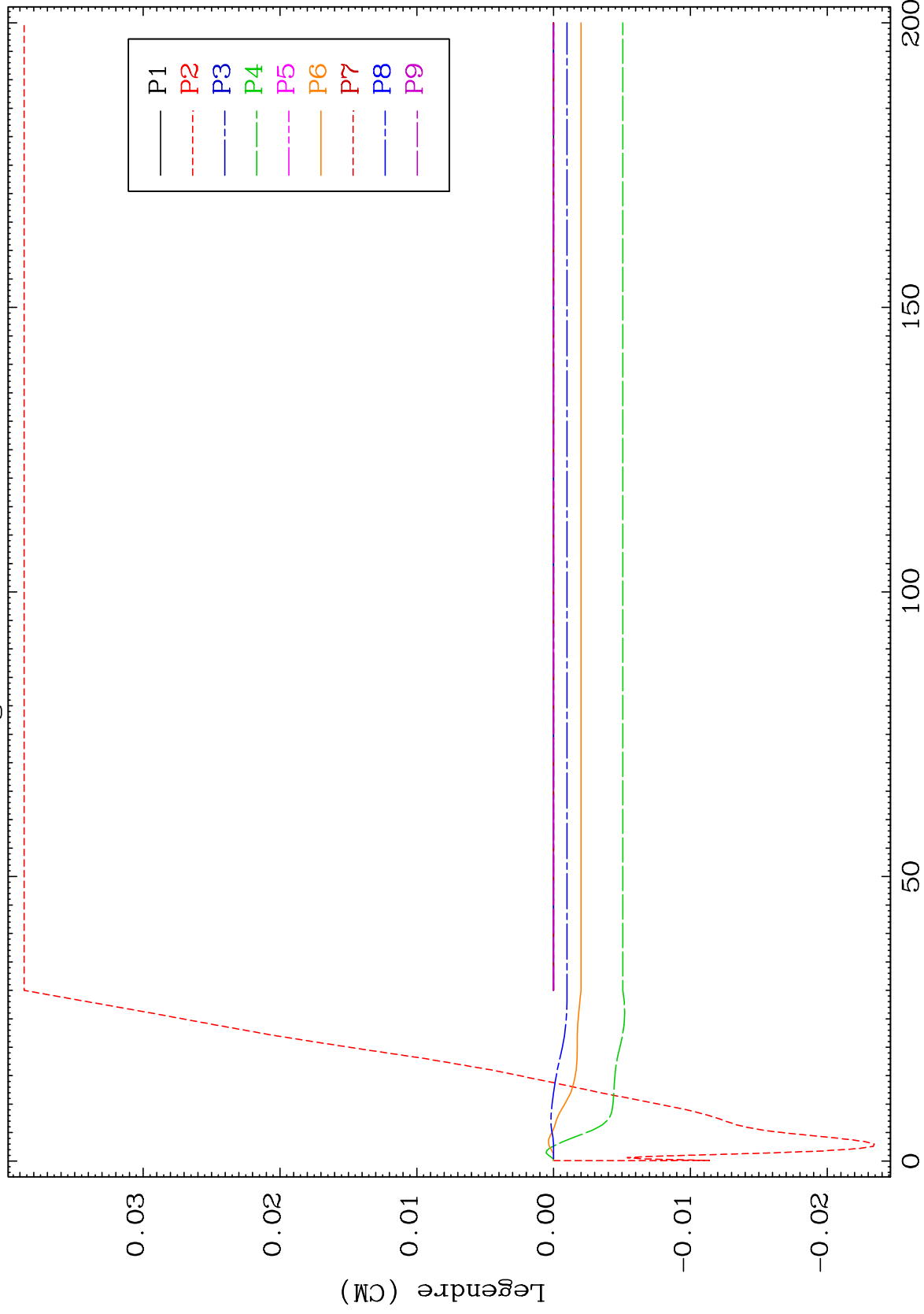




MAT 7098

MT= 54 (n,n') Level
Legendre Coefficients

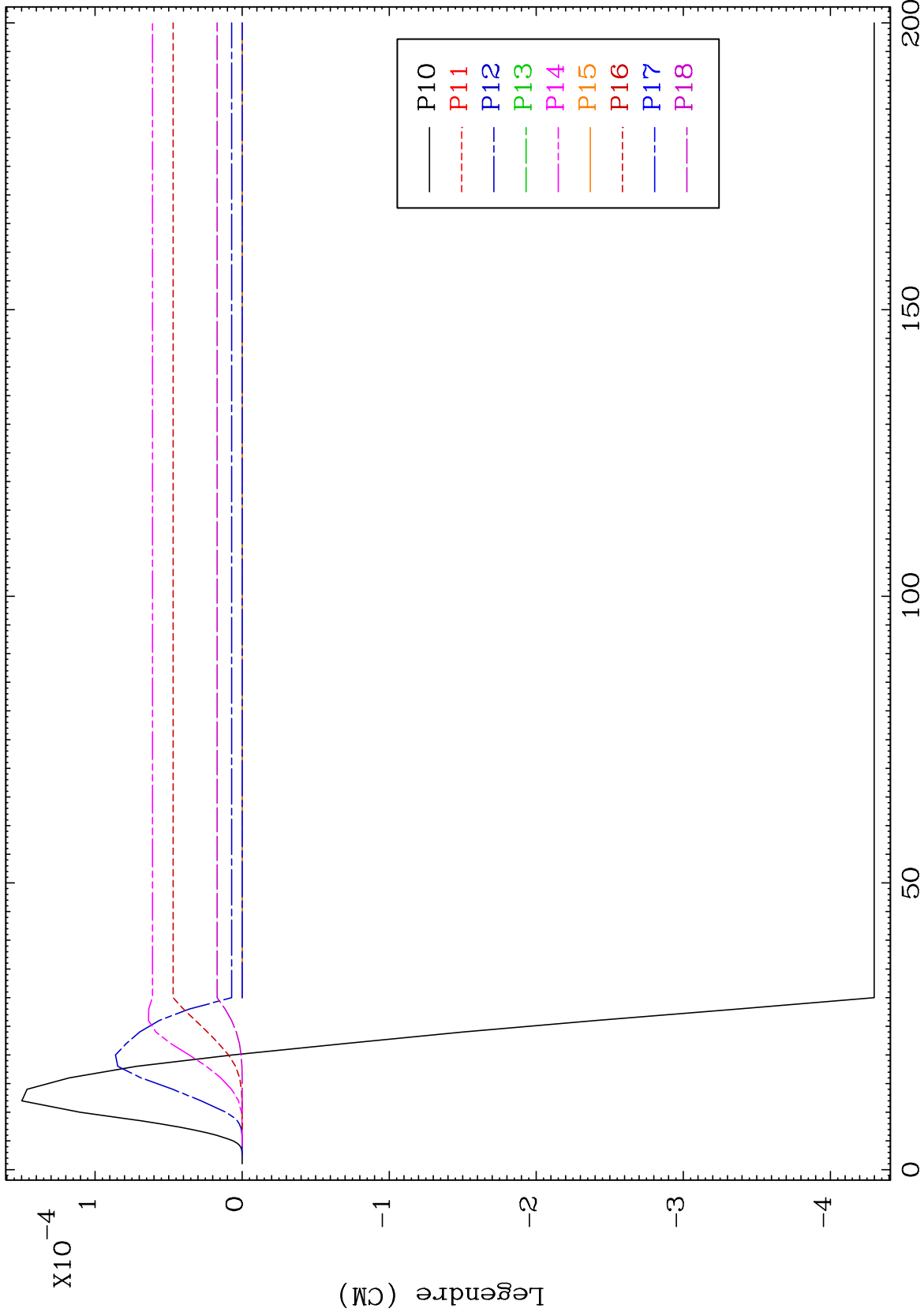
71-Lu-166



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Incident Energy (MeV)

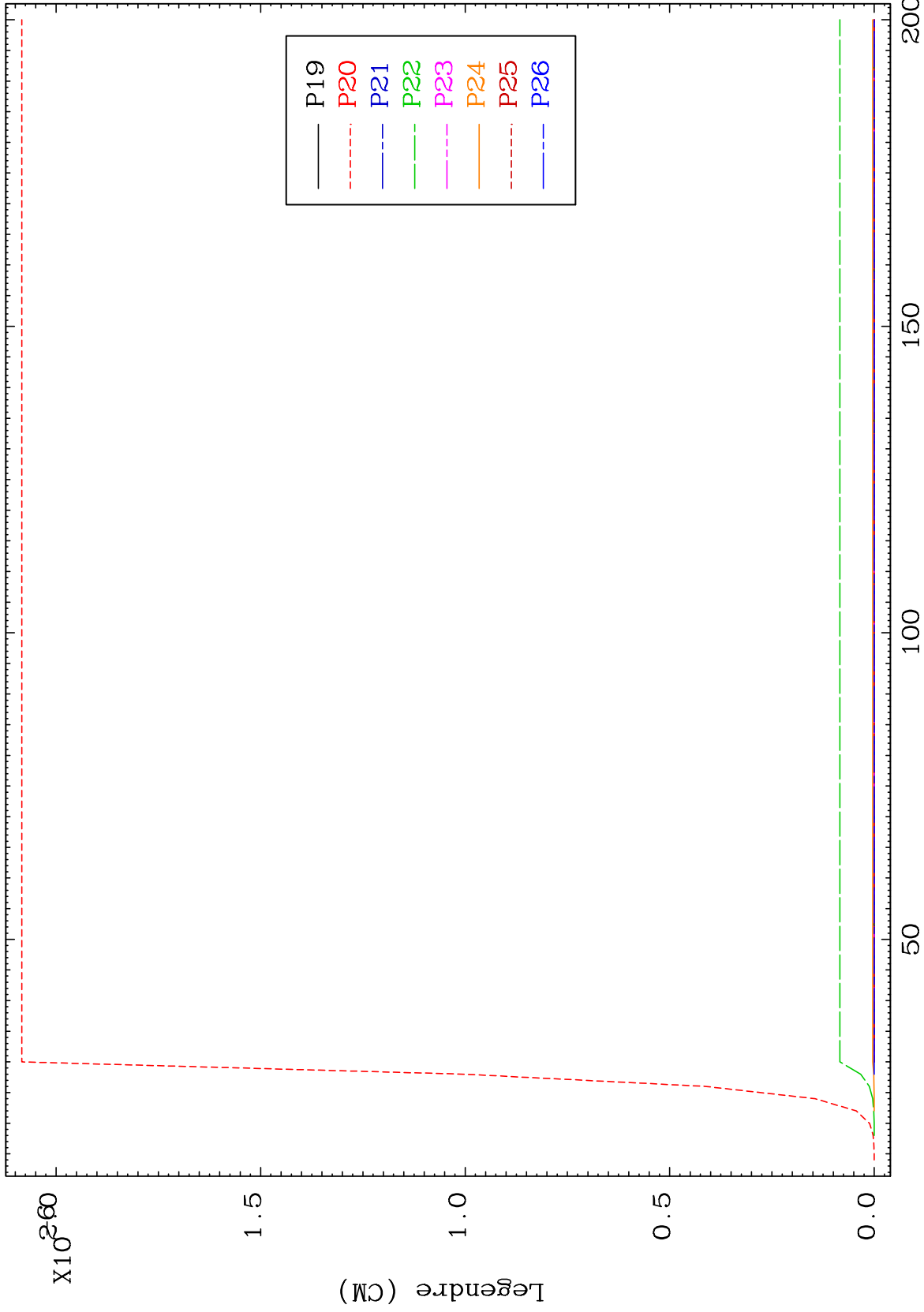
71-Lu-166



MAT 7098

MT= 54 (n,n') Level
Legendre Coefficients

71-Lu-166



33

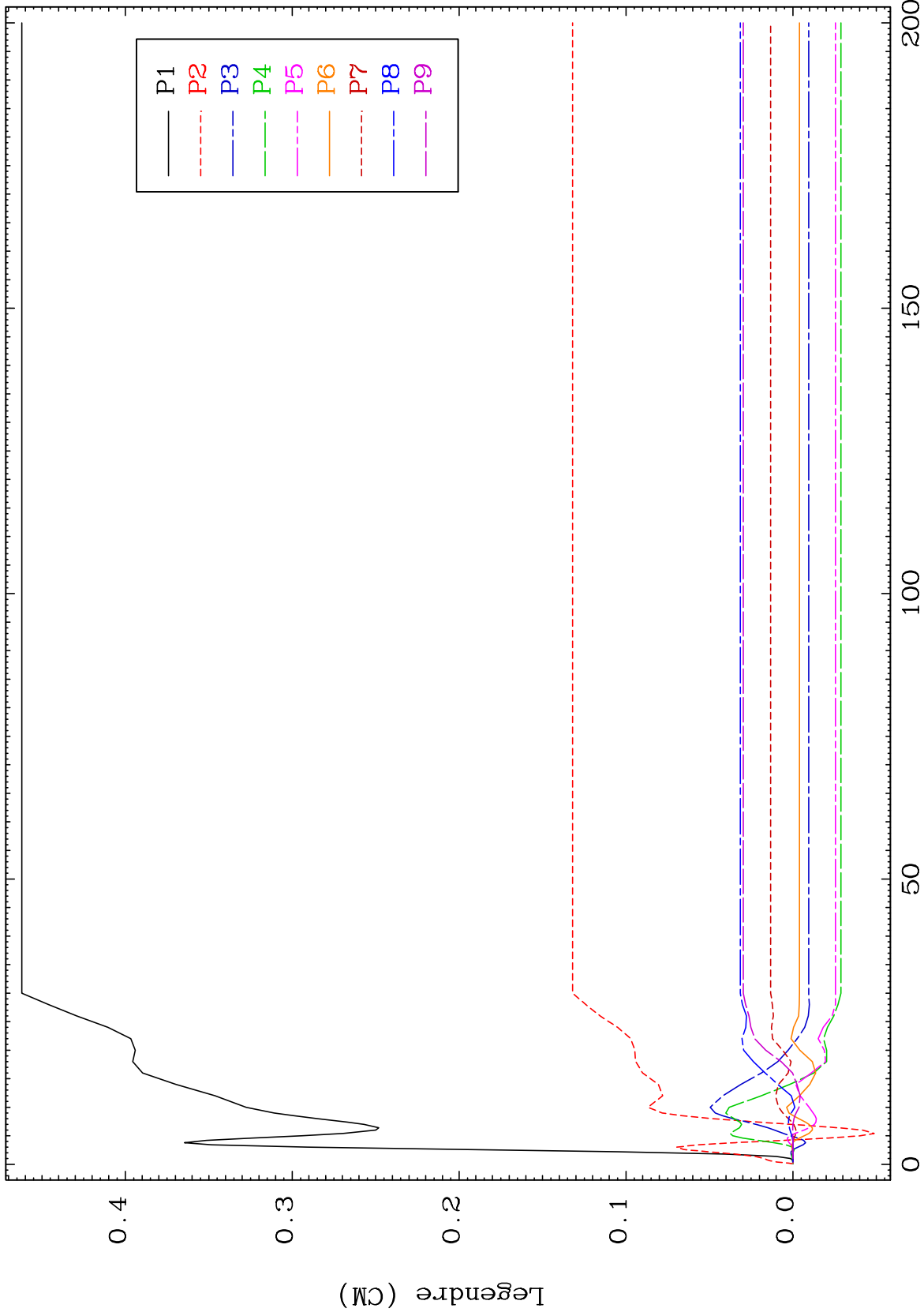
Incident Energy (MeV)

71-Lu-166

MAT 7098

MT= 55 (n,n') Level
Legendre Coefficients

71-Lu-166



34

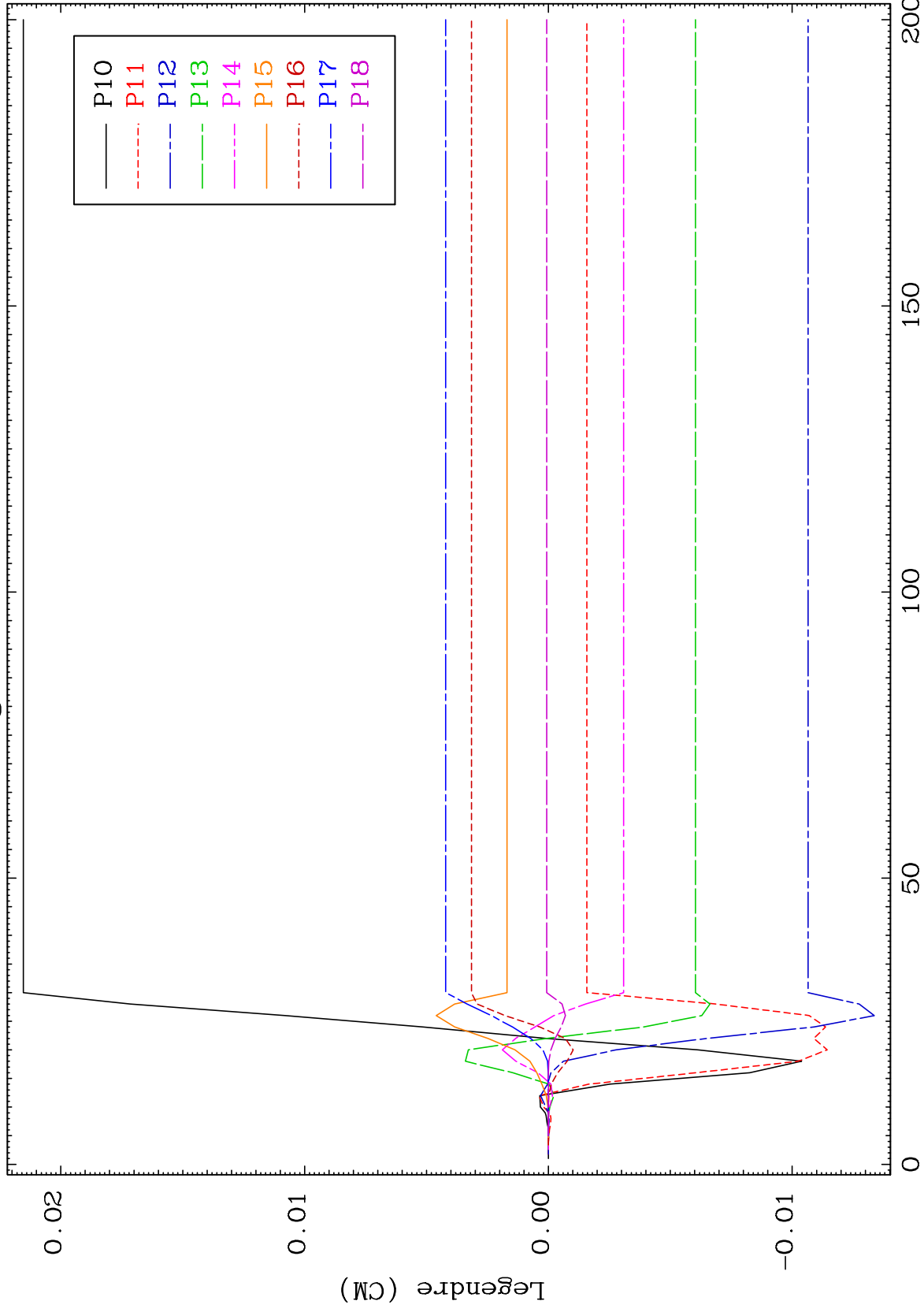
Incident Energy (MeV)

71-Lu-166

MAT 7098

MT= 55 (n,n') Level
Legendre Coefficients

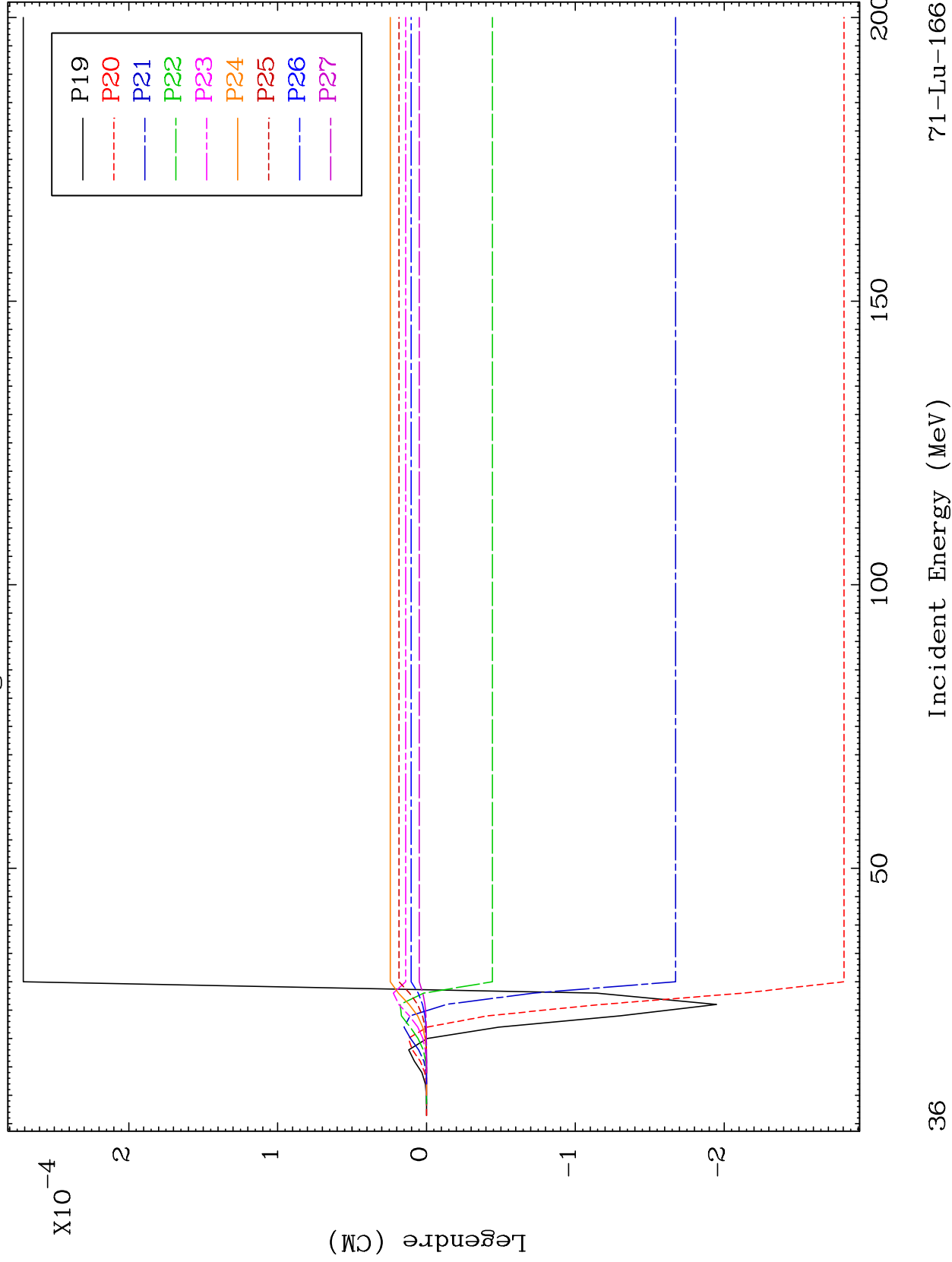
71-Lu-166



35

Incident Energy (MeV)

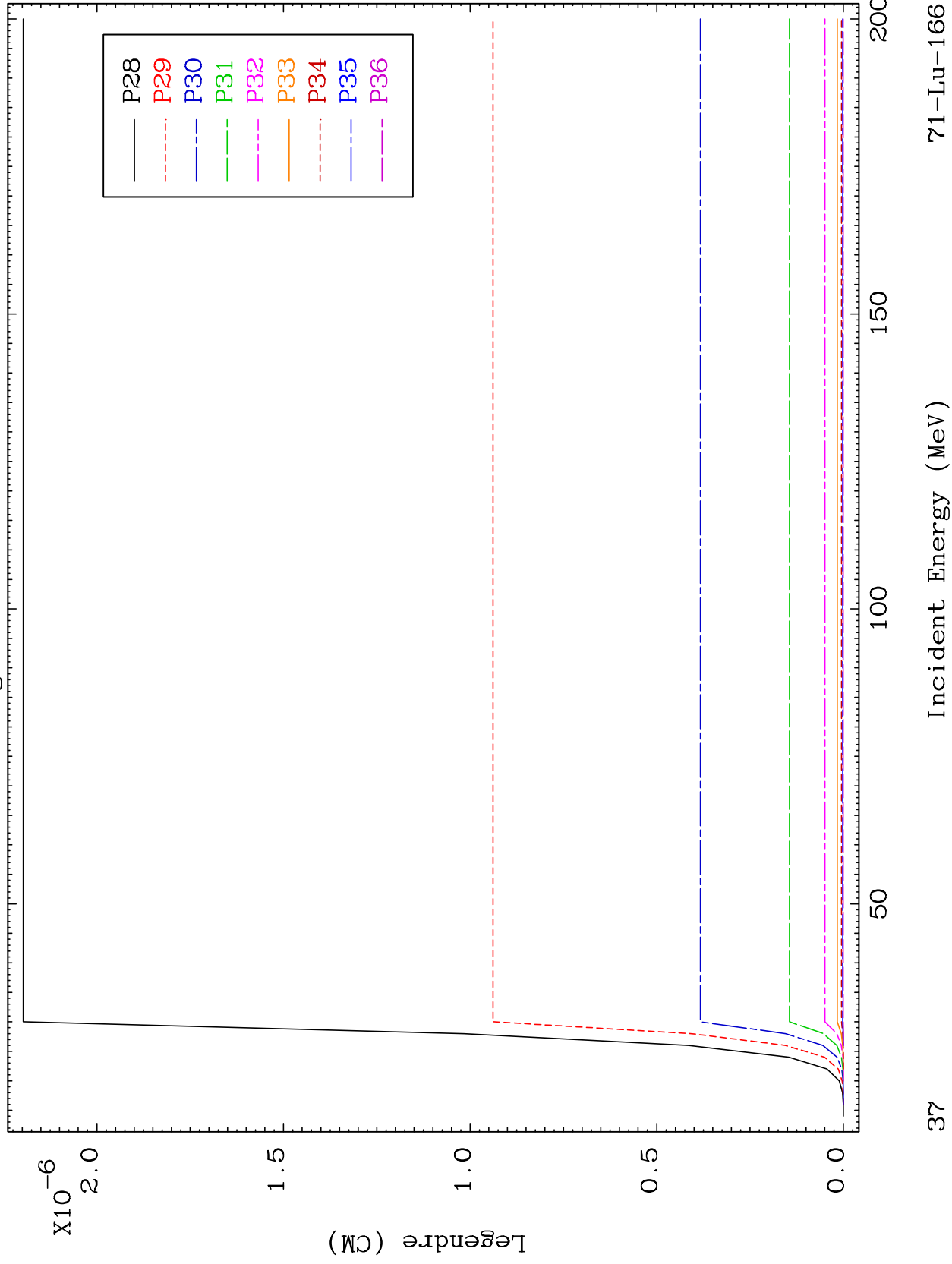
71-Lu-166



MAT 7098

MT= 55 (n,n') Level
Legendre Coefficients

71-Lu-166



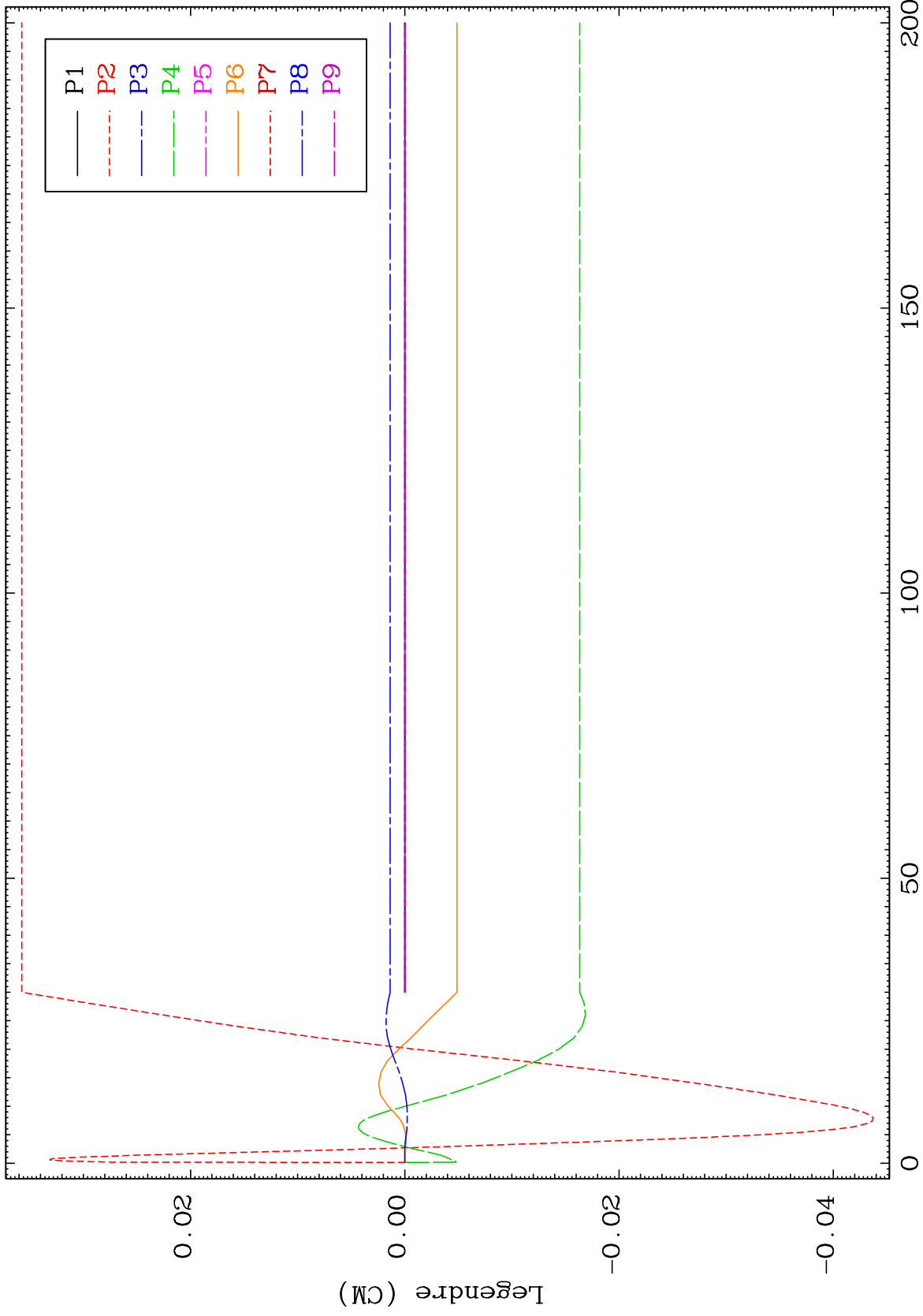
37

71-Lu-166

MAT 7098

MT= 56 (n,n') Level
Legendre Coefficients

71-Lu-166



38

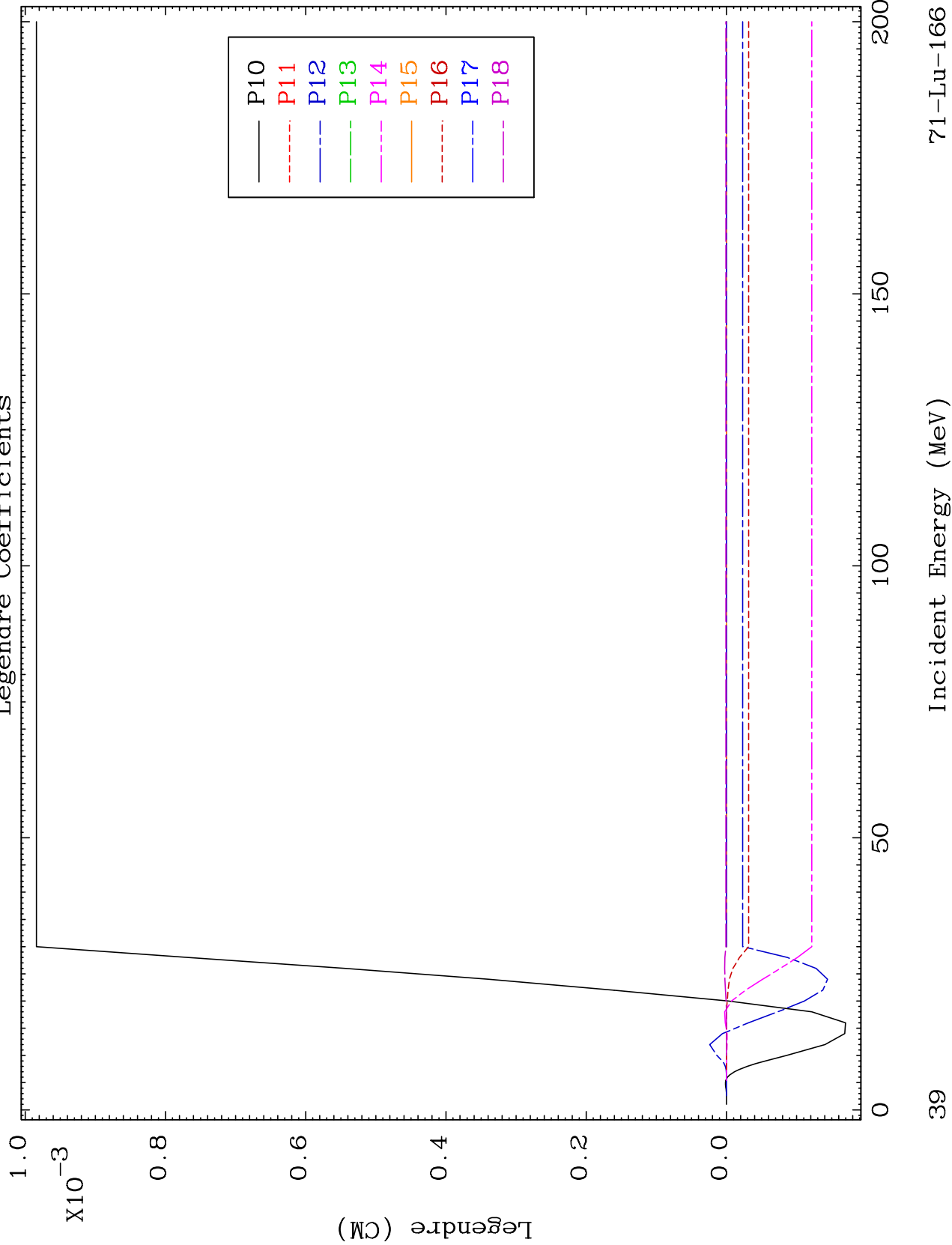
Incident Energy (MeV)

71-Lu-166

MAT 7098

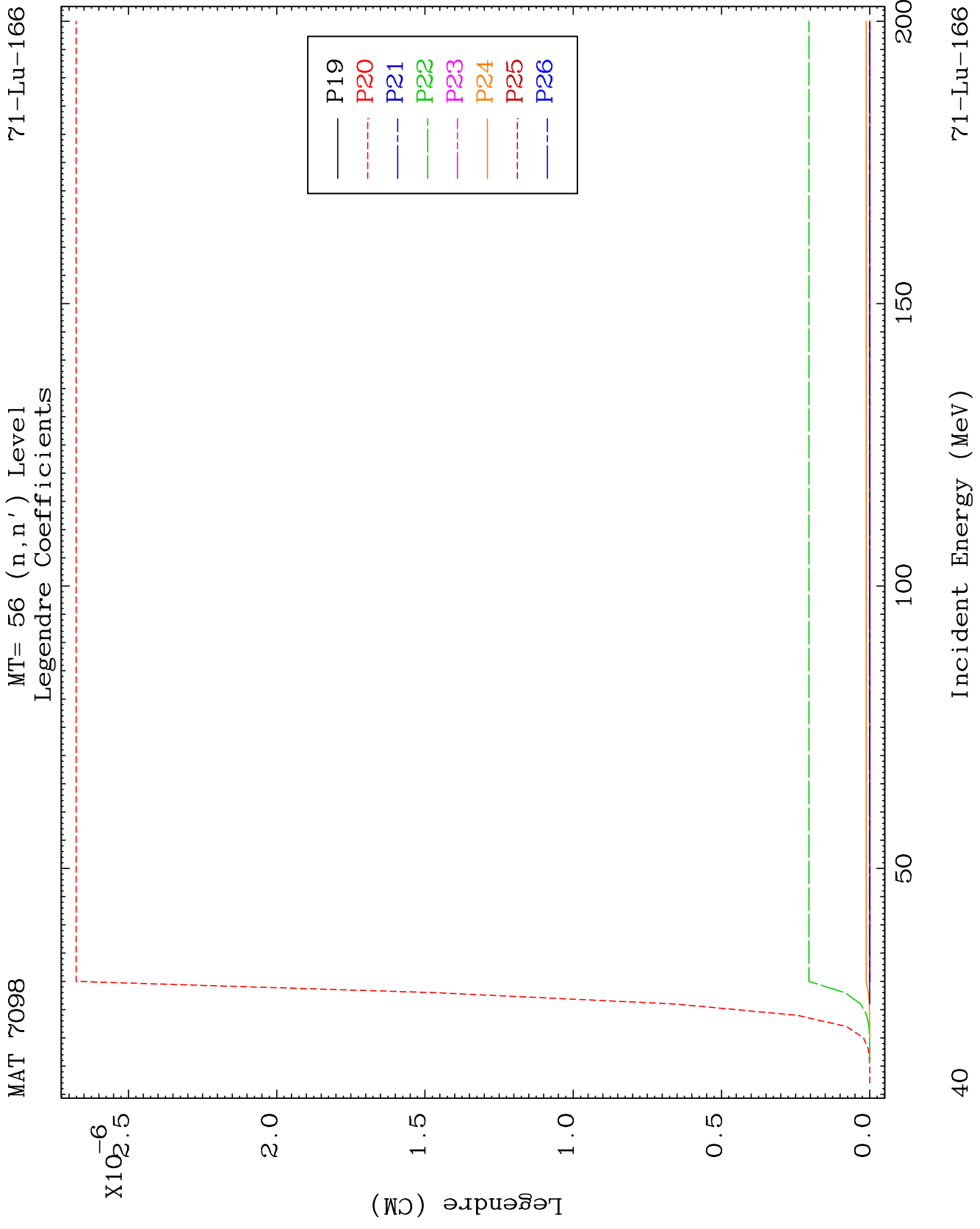
MT= 56 (n,n') Level
Legendre Coefficients

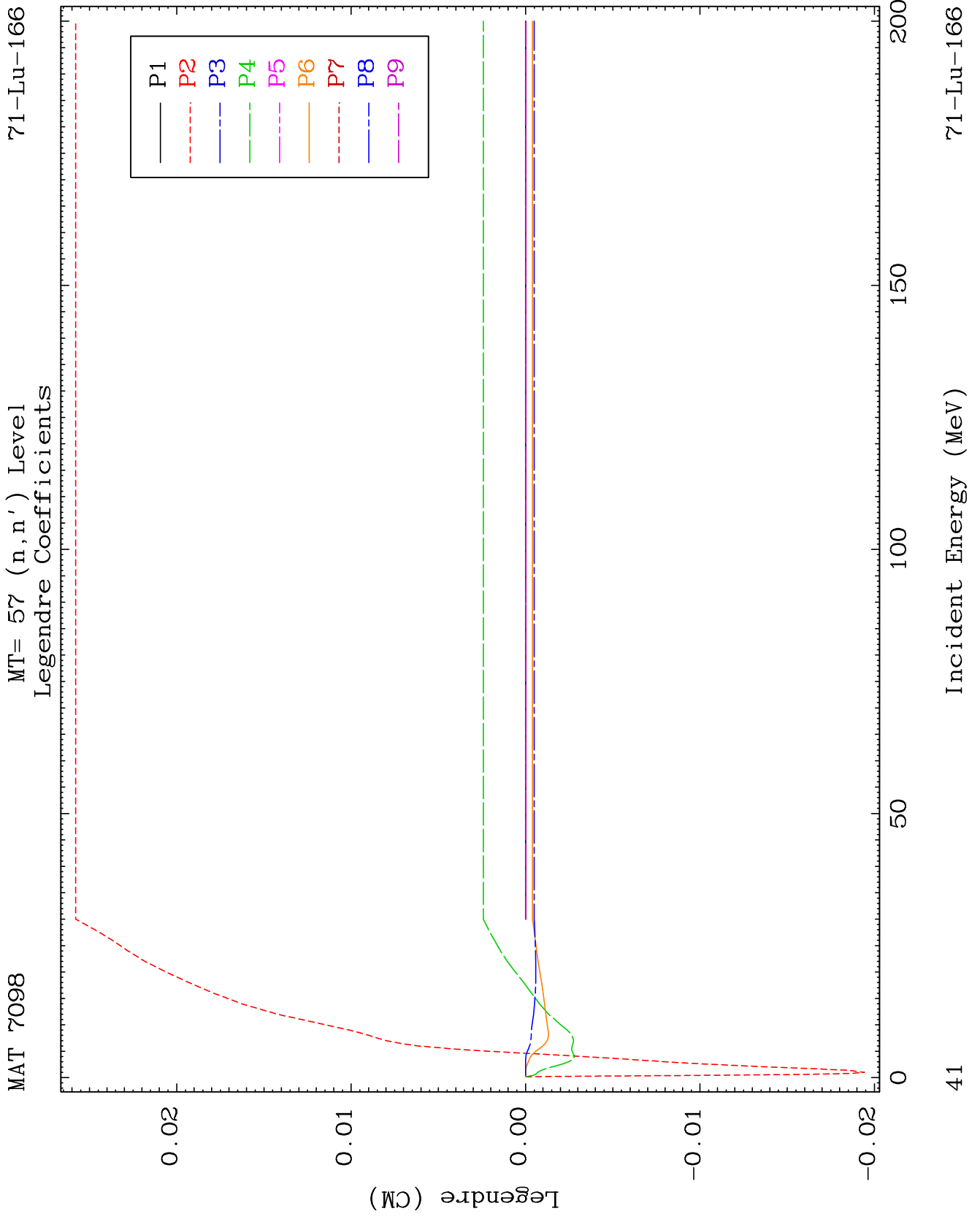
71-Lu-166



39

71-Lu-166

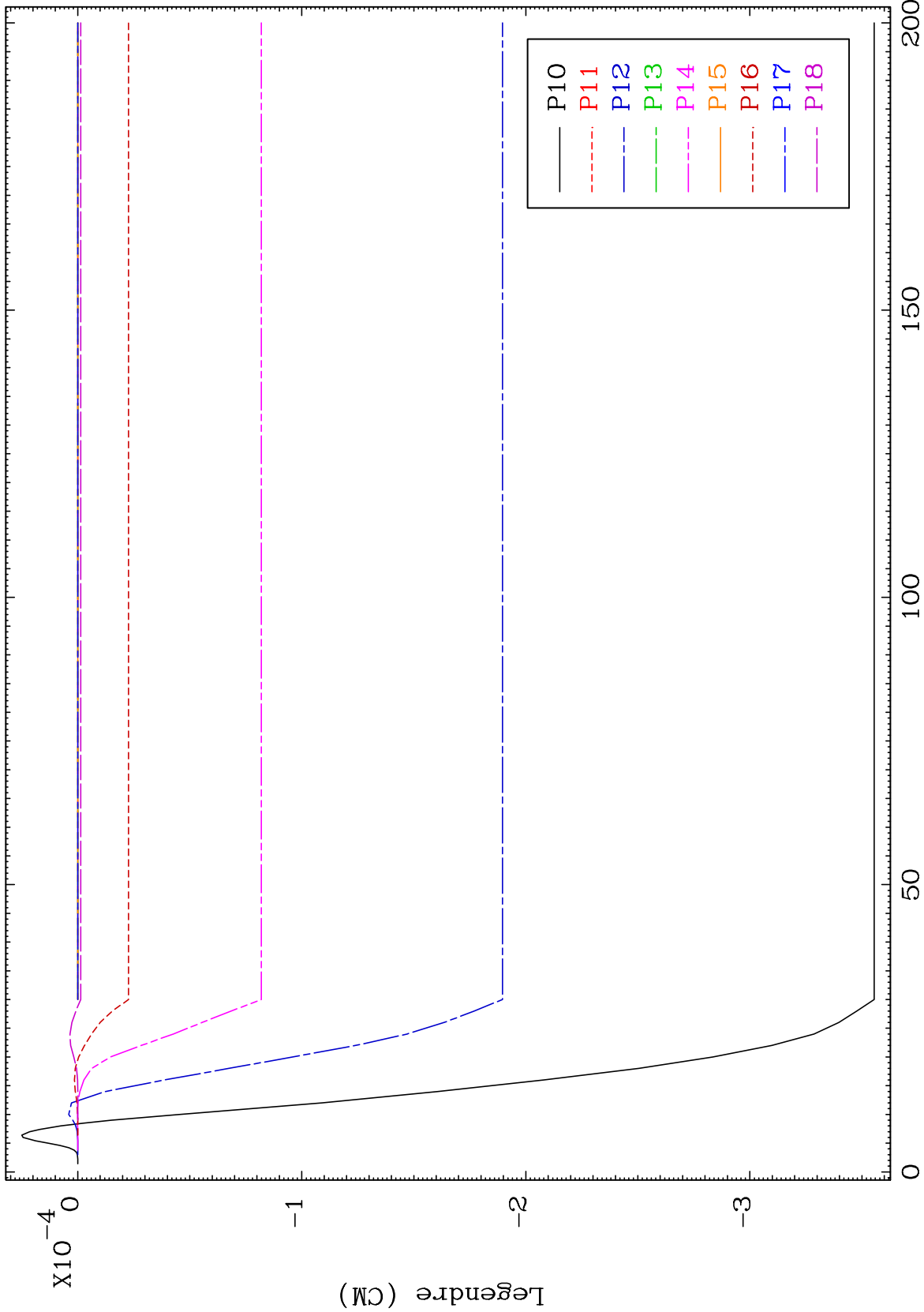




MAT 7098

MT= 57 (n,n') Level
Legendre Coefficients

71-Lu-166



42

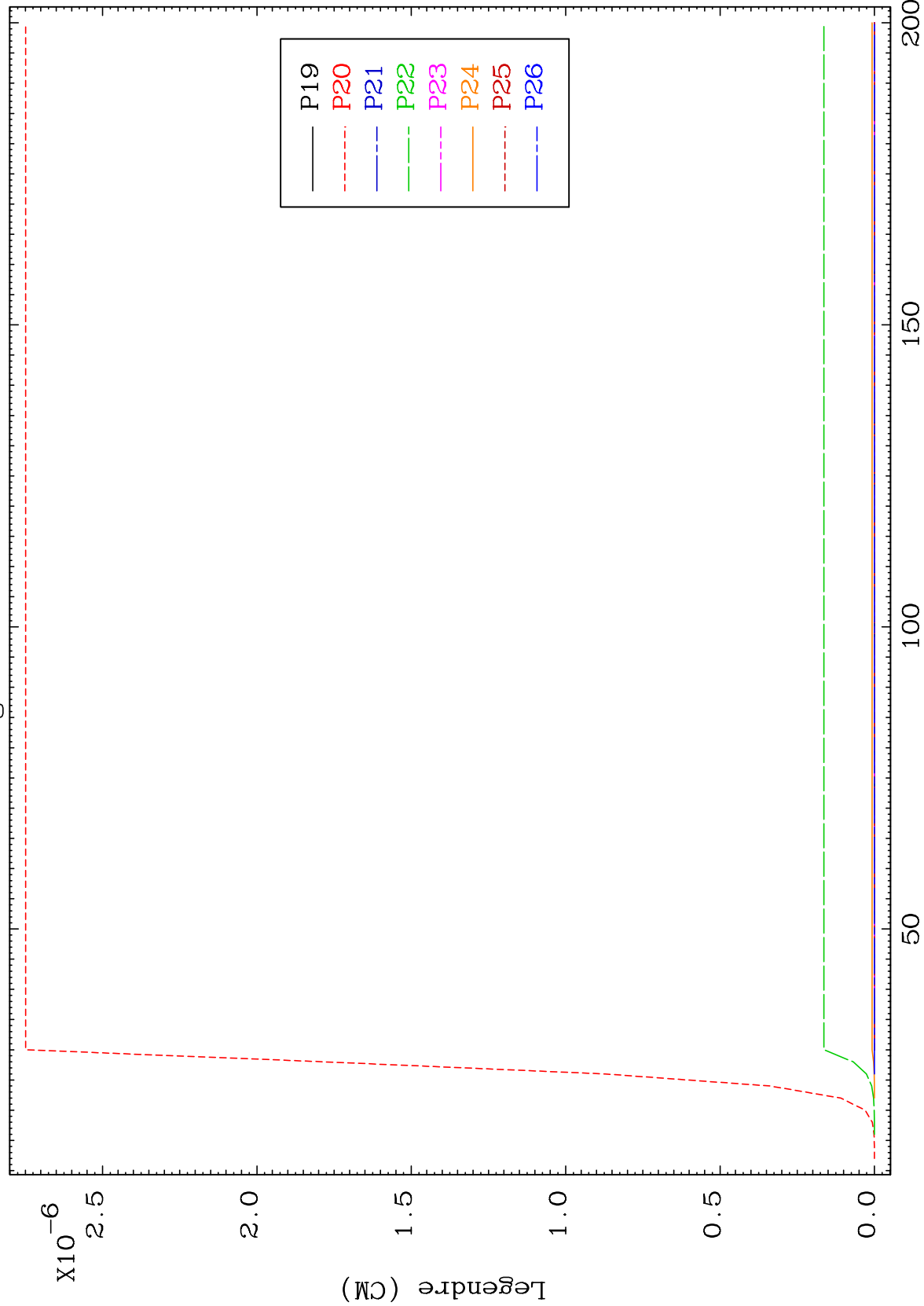
Incident Energy (MeV)

71-Lu-166

MAT 7098

MT= 57 (n,n') Level
Legendre Coefficients

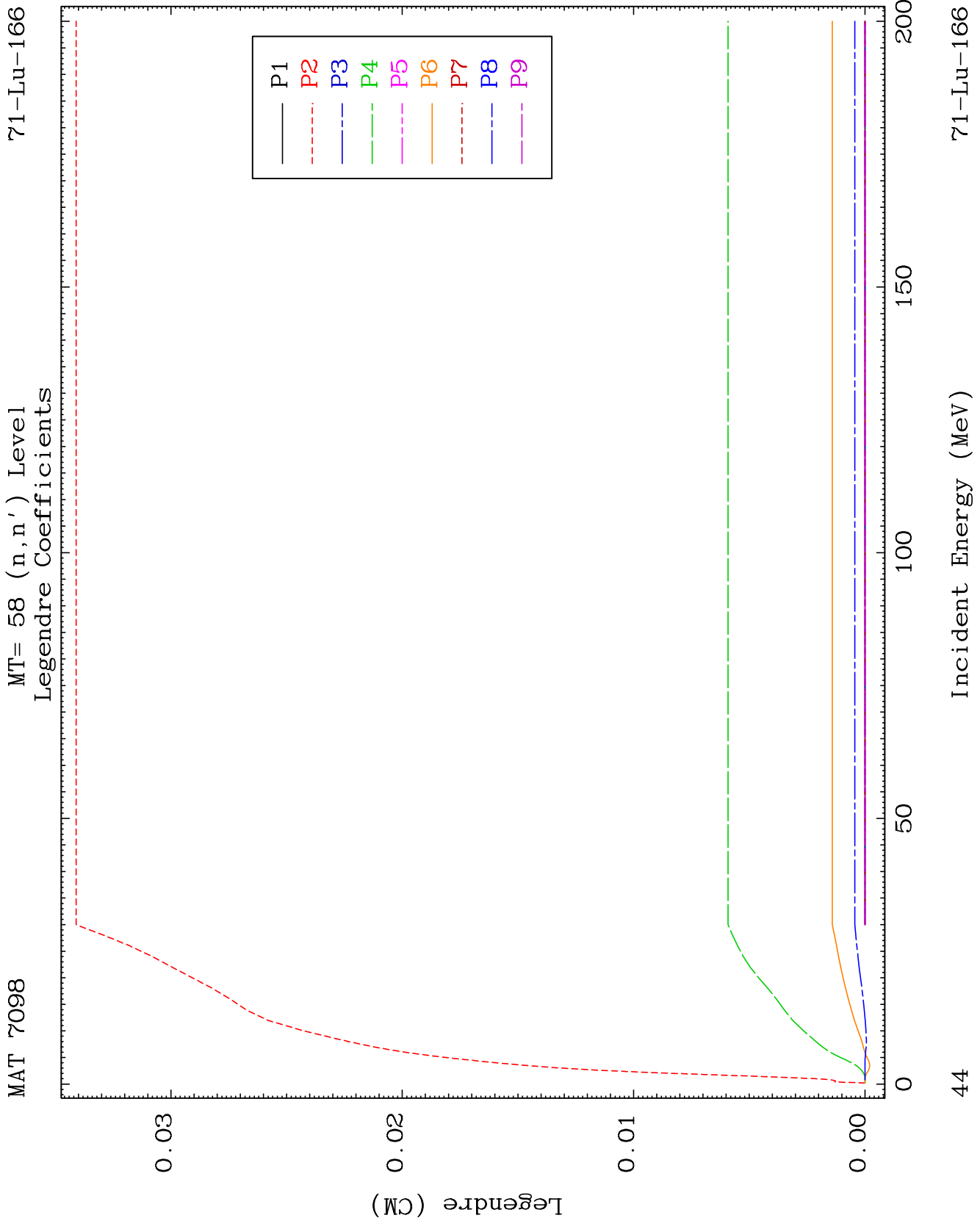
71-Lu-166



71-Lu-166

Incident Energy (MeV)

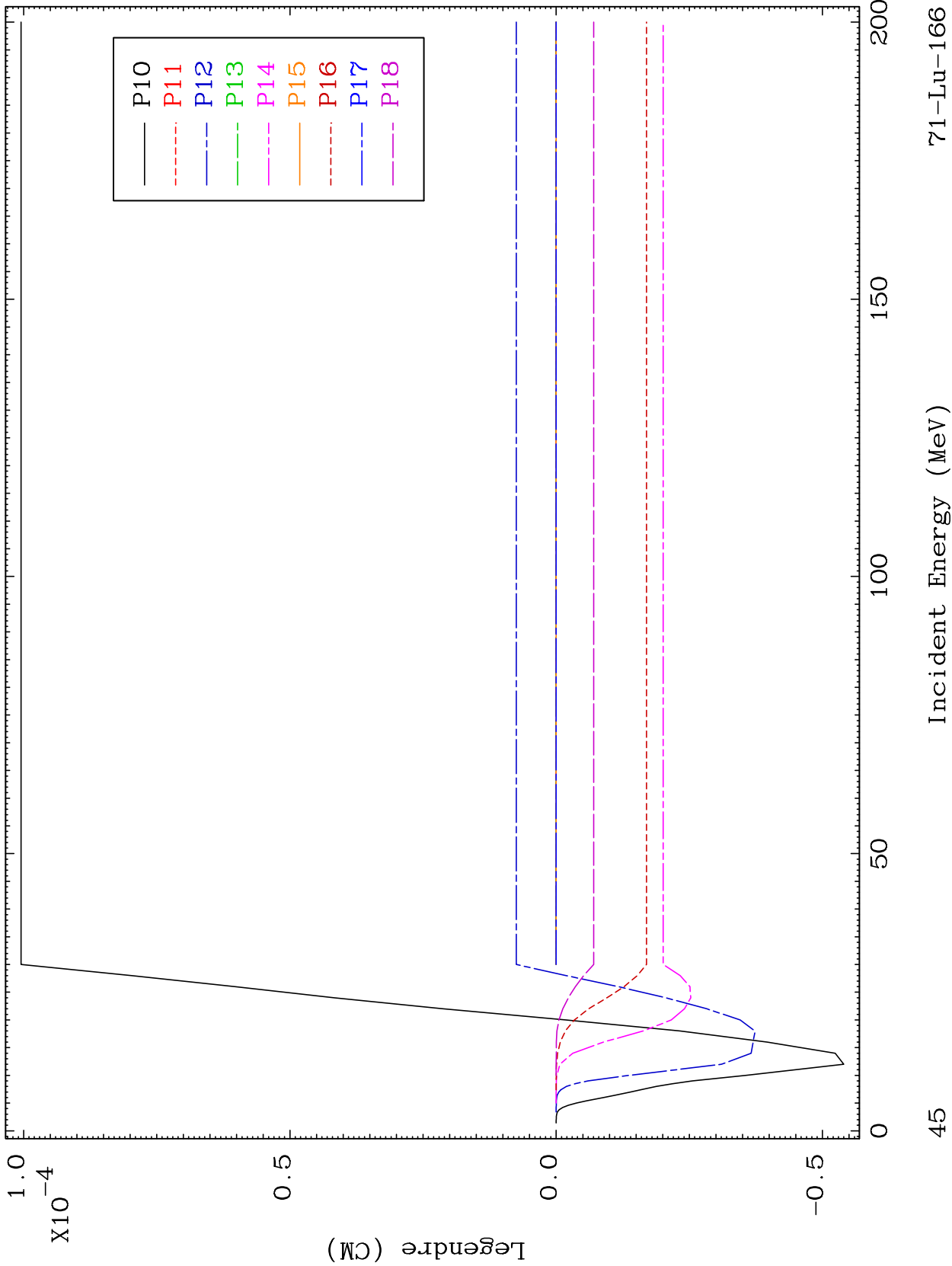
43



MAT 7098

MT= 58 (n,n') Level
Legendre Coefficients

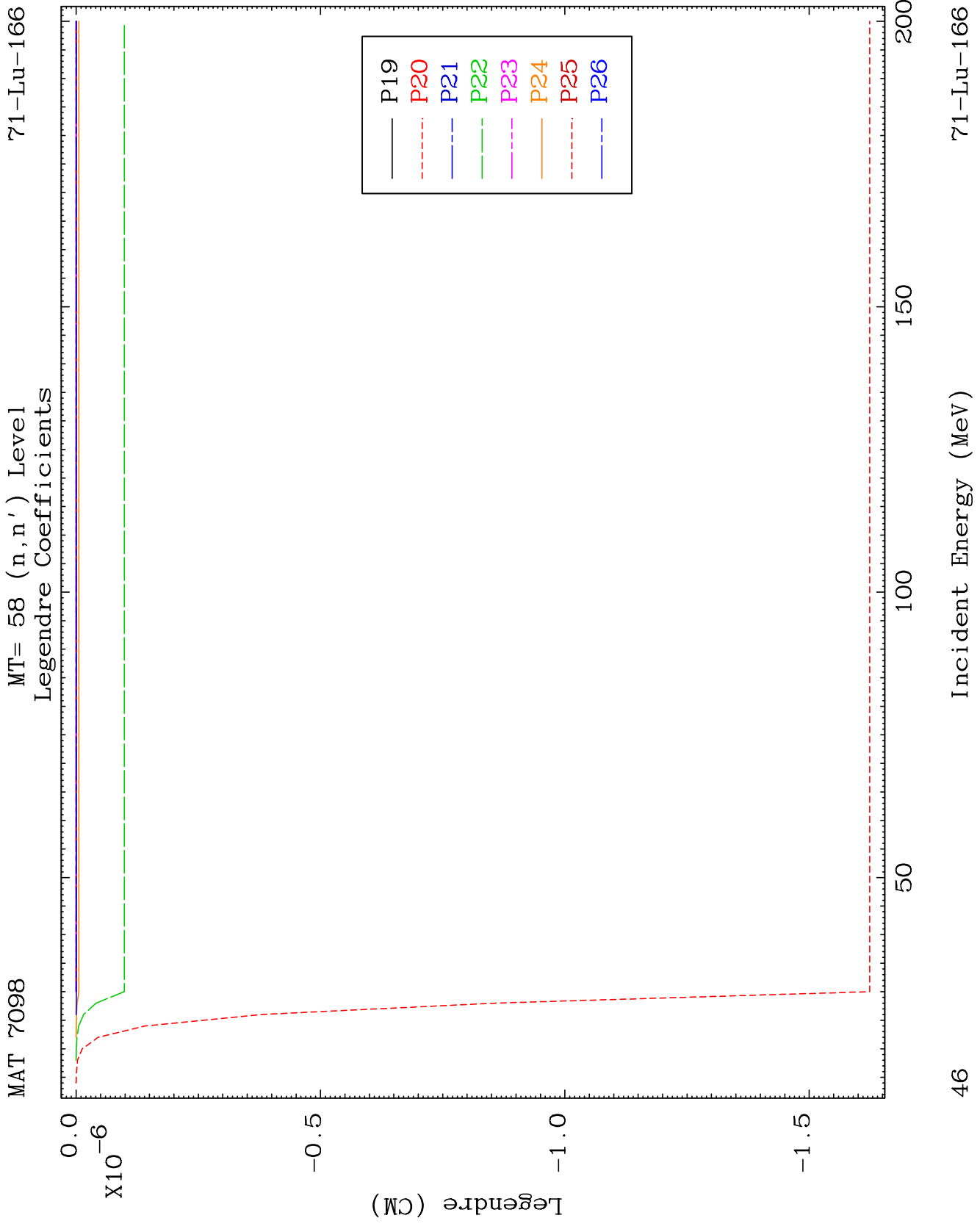
71-Lu-166



71-Lu-166

Incident Energy (MeV)

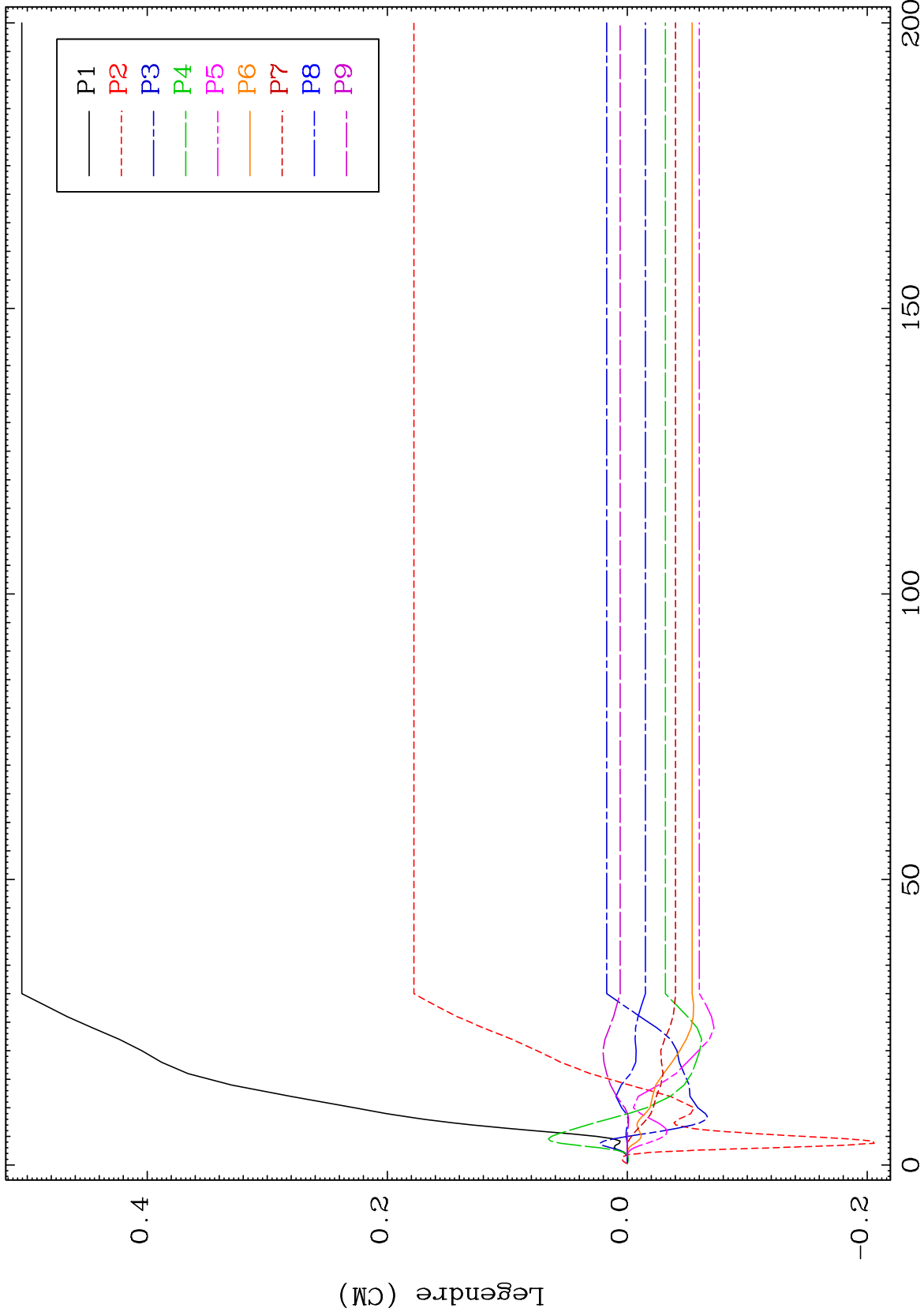
45



MAT 7098

MT= 59 (n,n') Level
Legendre Coefficients

71-Lu-166



71-Lu-166

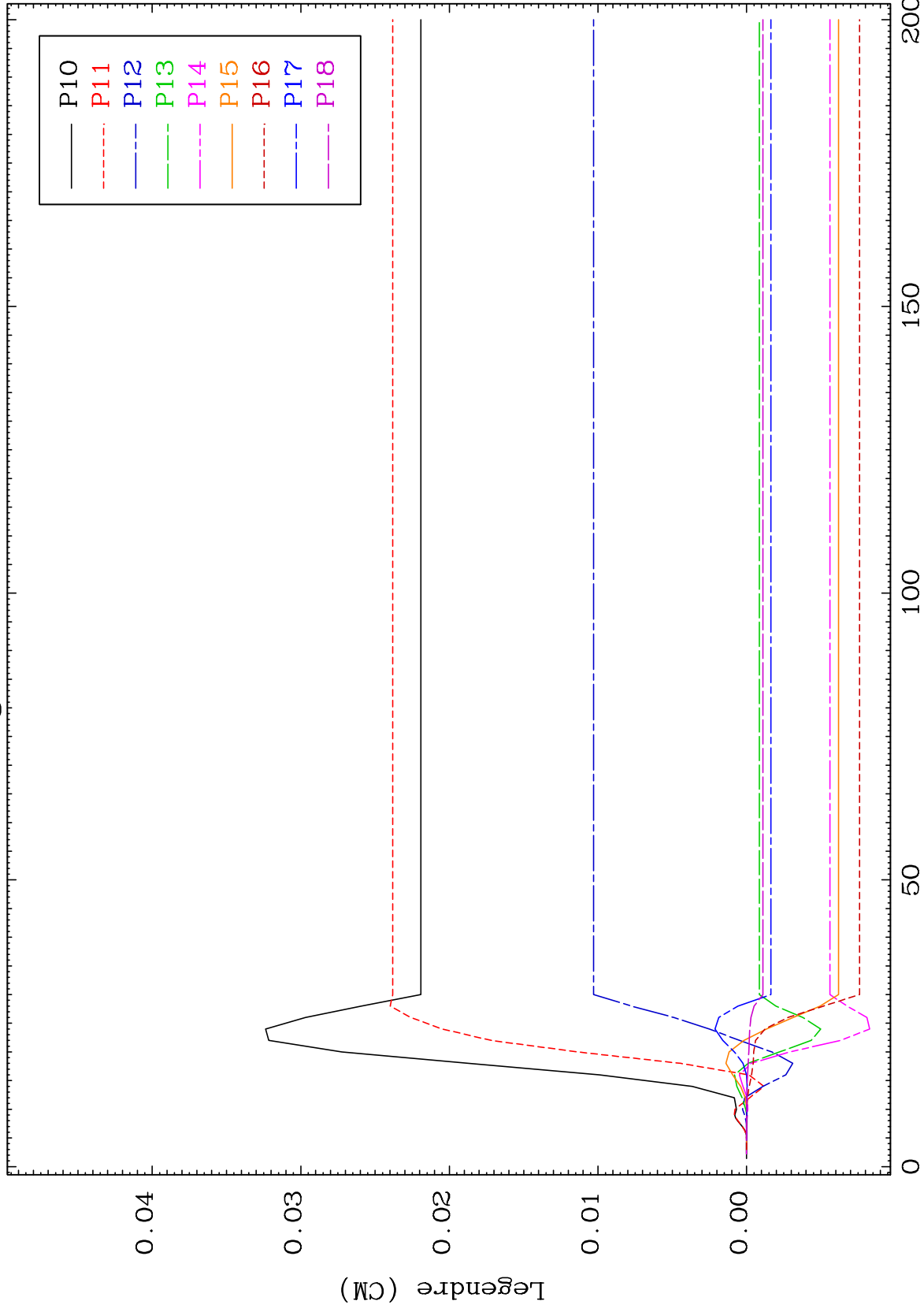
Incident Energy (MeV)

47

MAT 7098

MT= 59 (n,n') Level
Legendre Coefficients

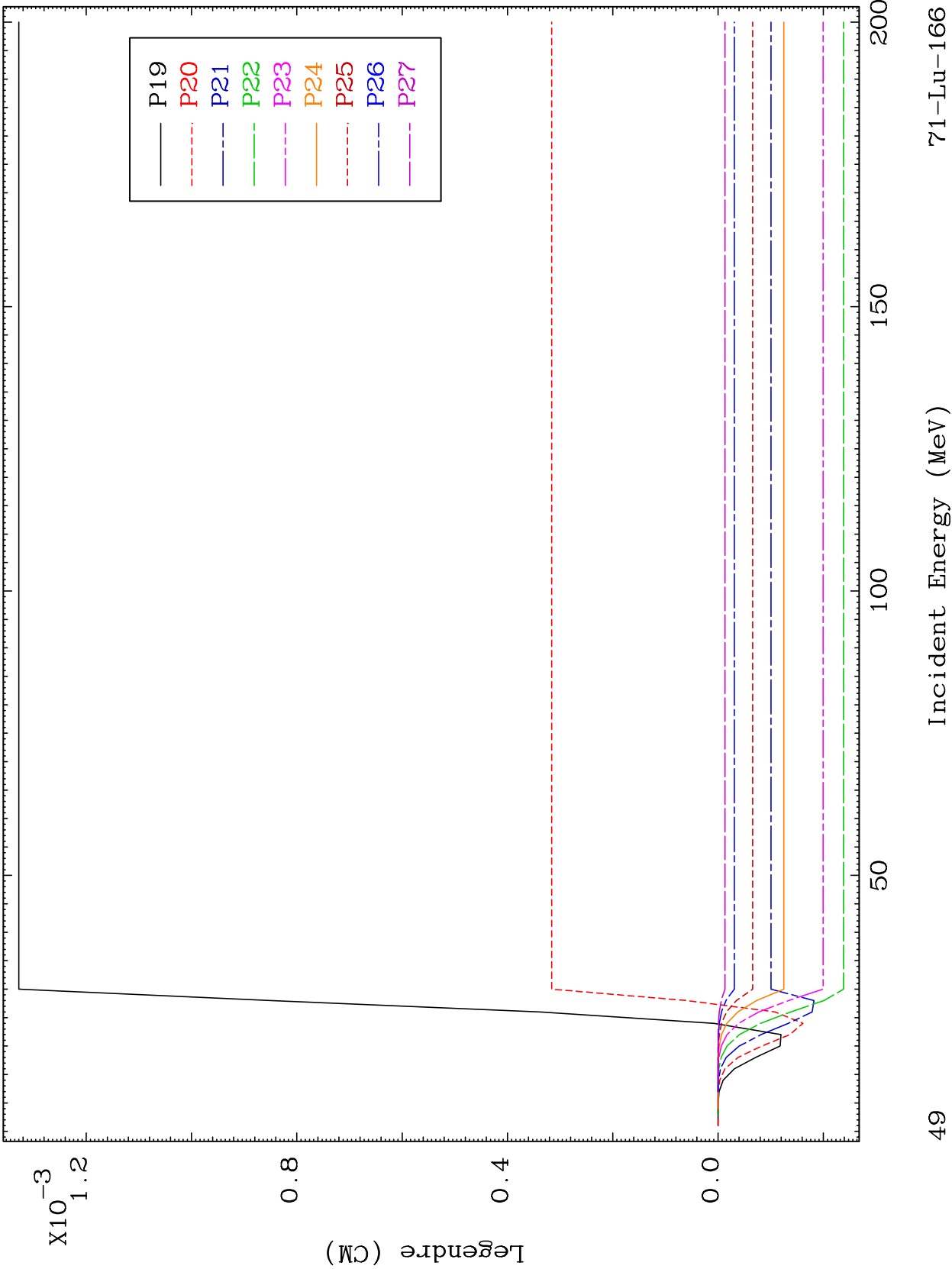
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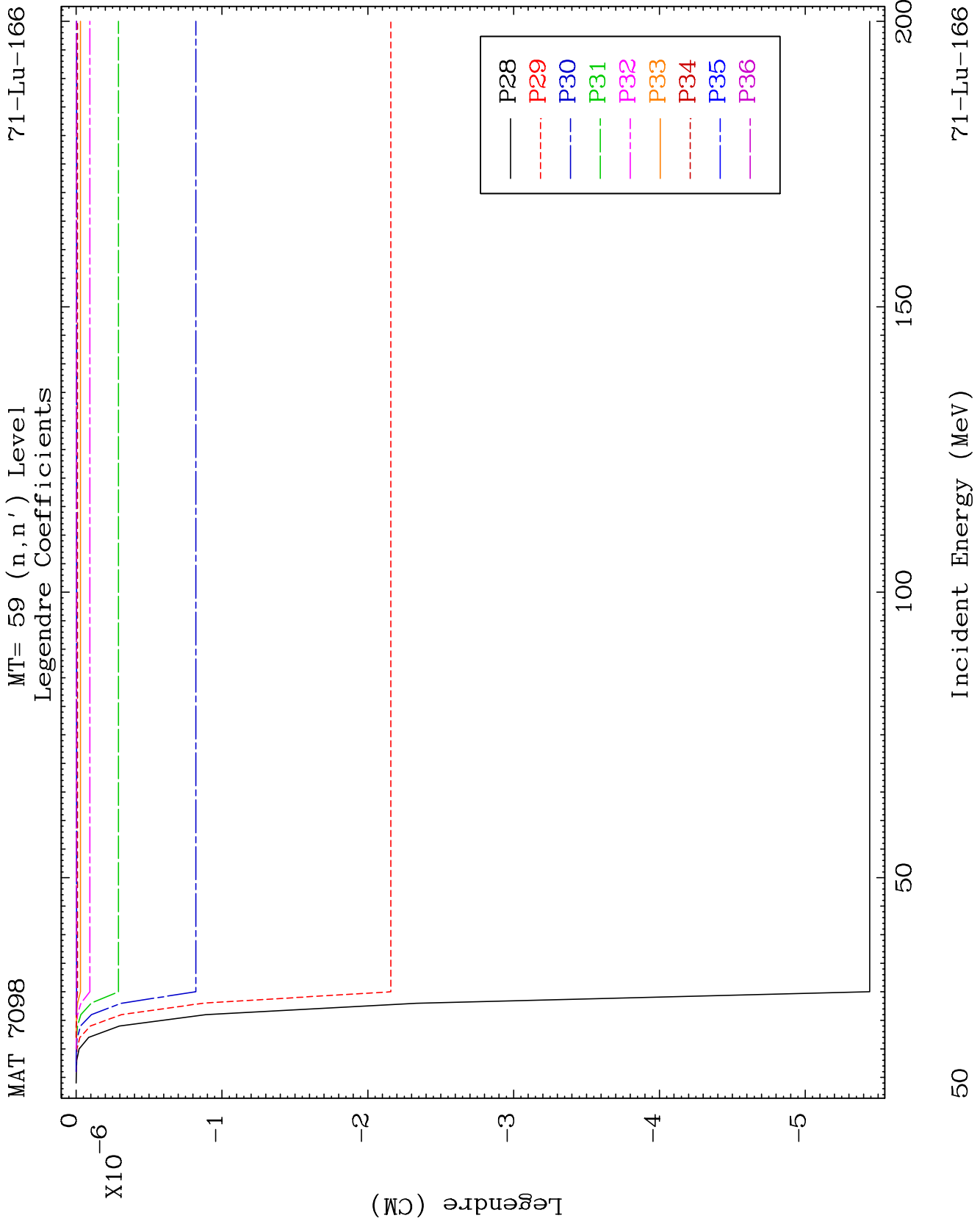


48

Incident Energy (MeV)

71-Lu-166

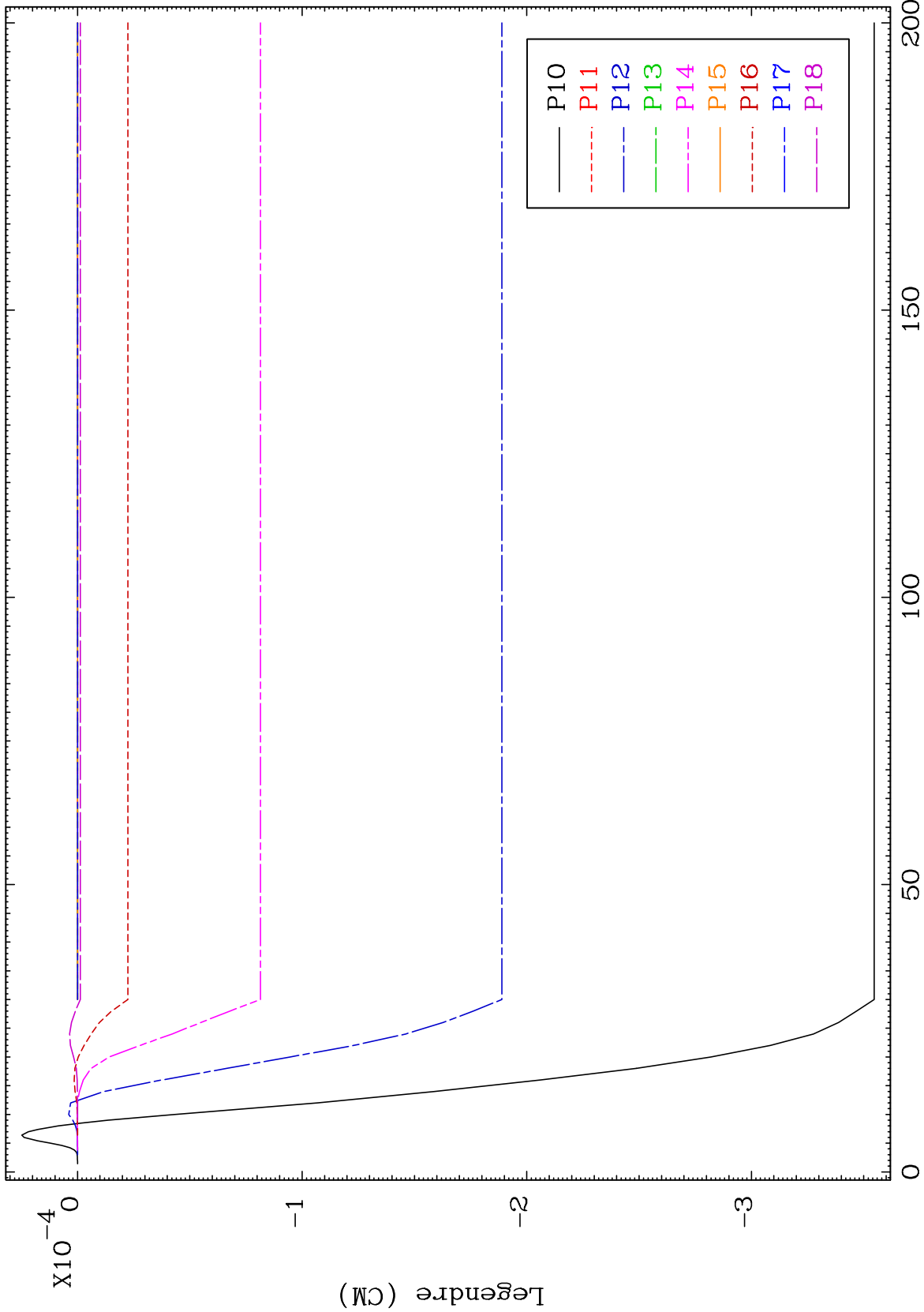




MAT 7098

MT= 60 (n,n') Level
Legendre Coefficients

71-Lu-166



52

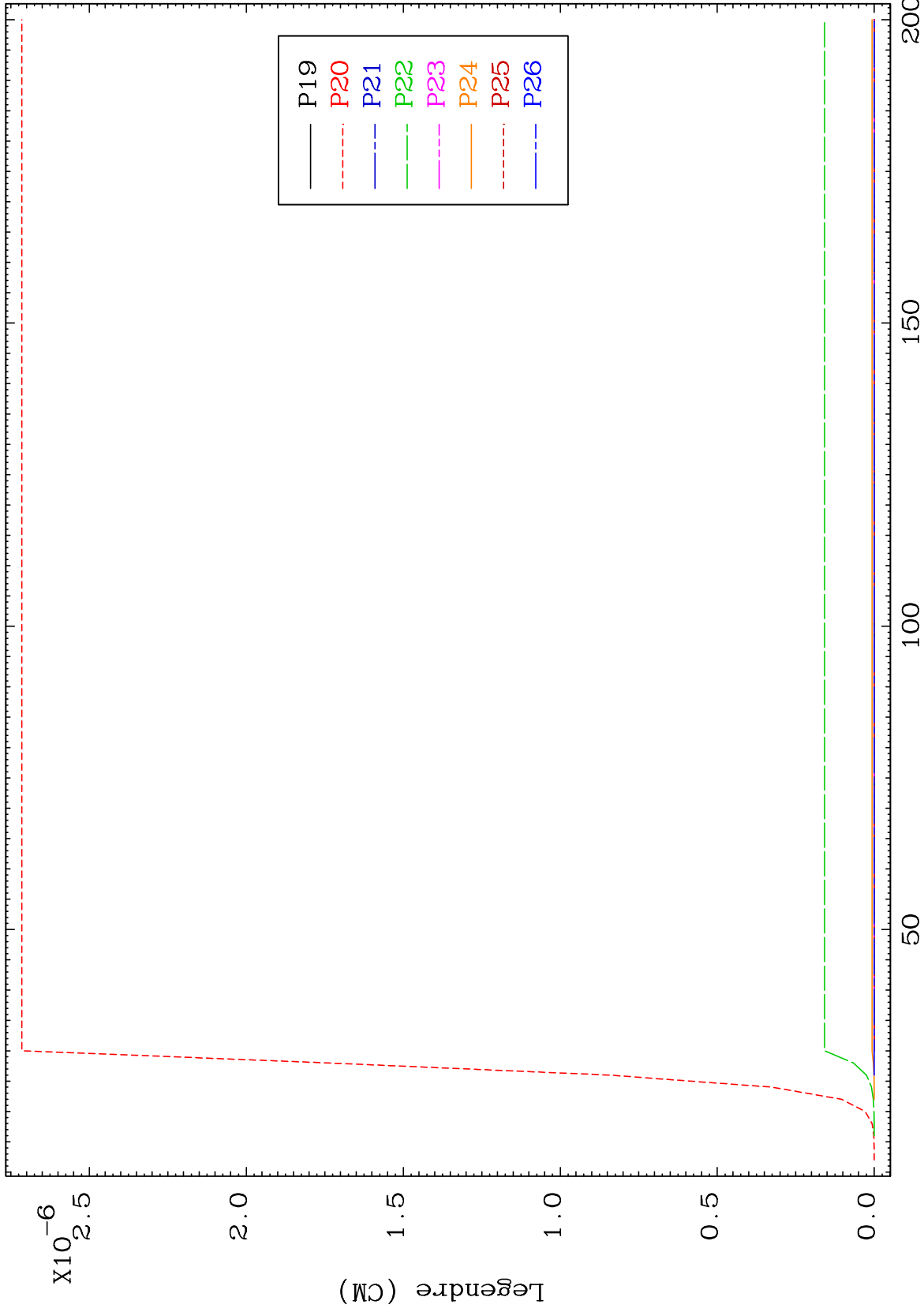
Incident Energy (MeV)

71-Lu-166

MAT 7098

MT= 60 (n,n') Level
Legendre Coefficients

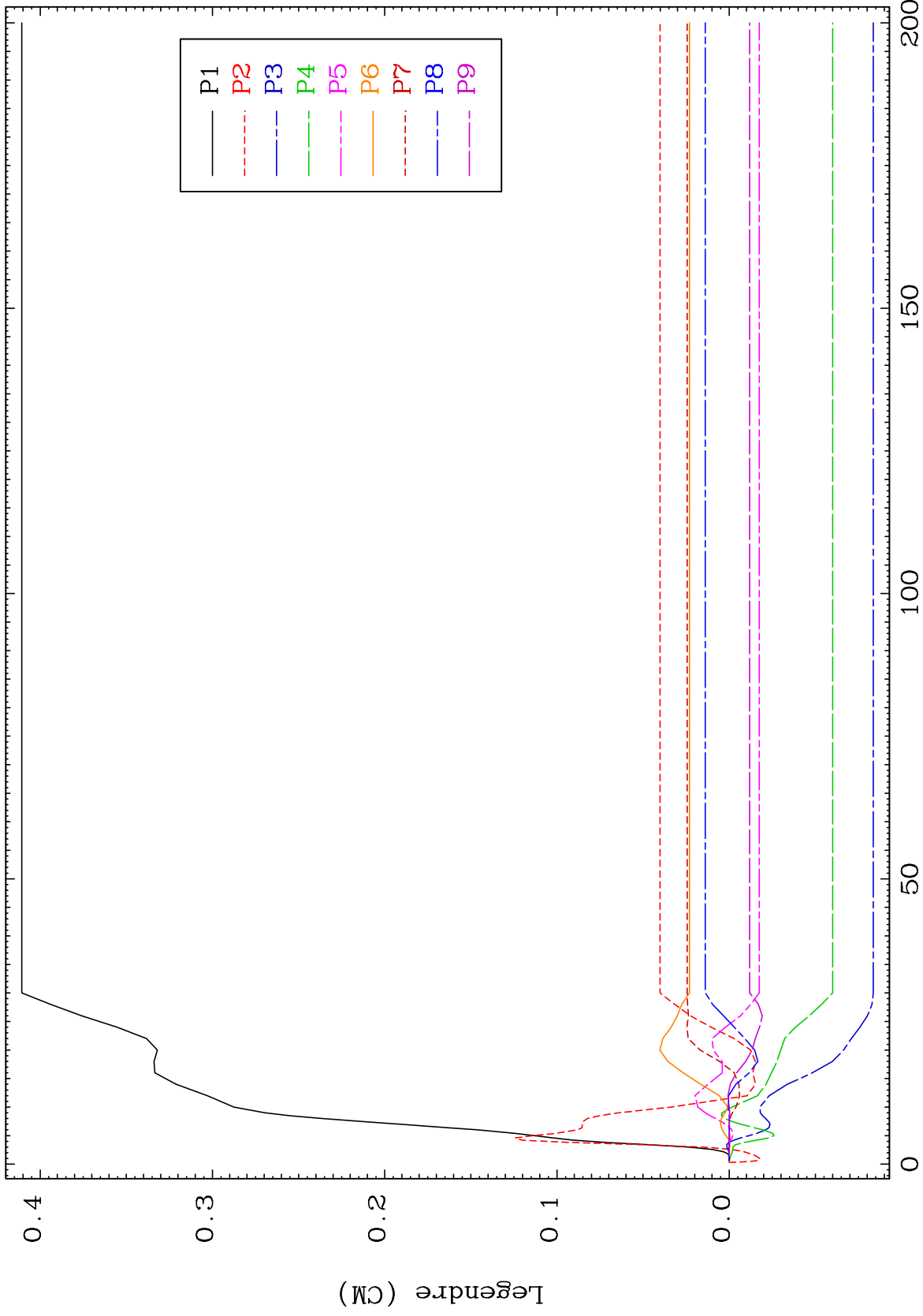
71-Lu-166



53

Incident Energy (MeV)

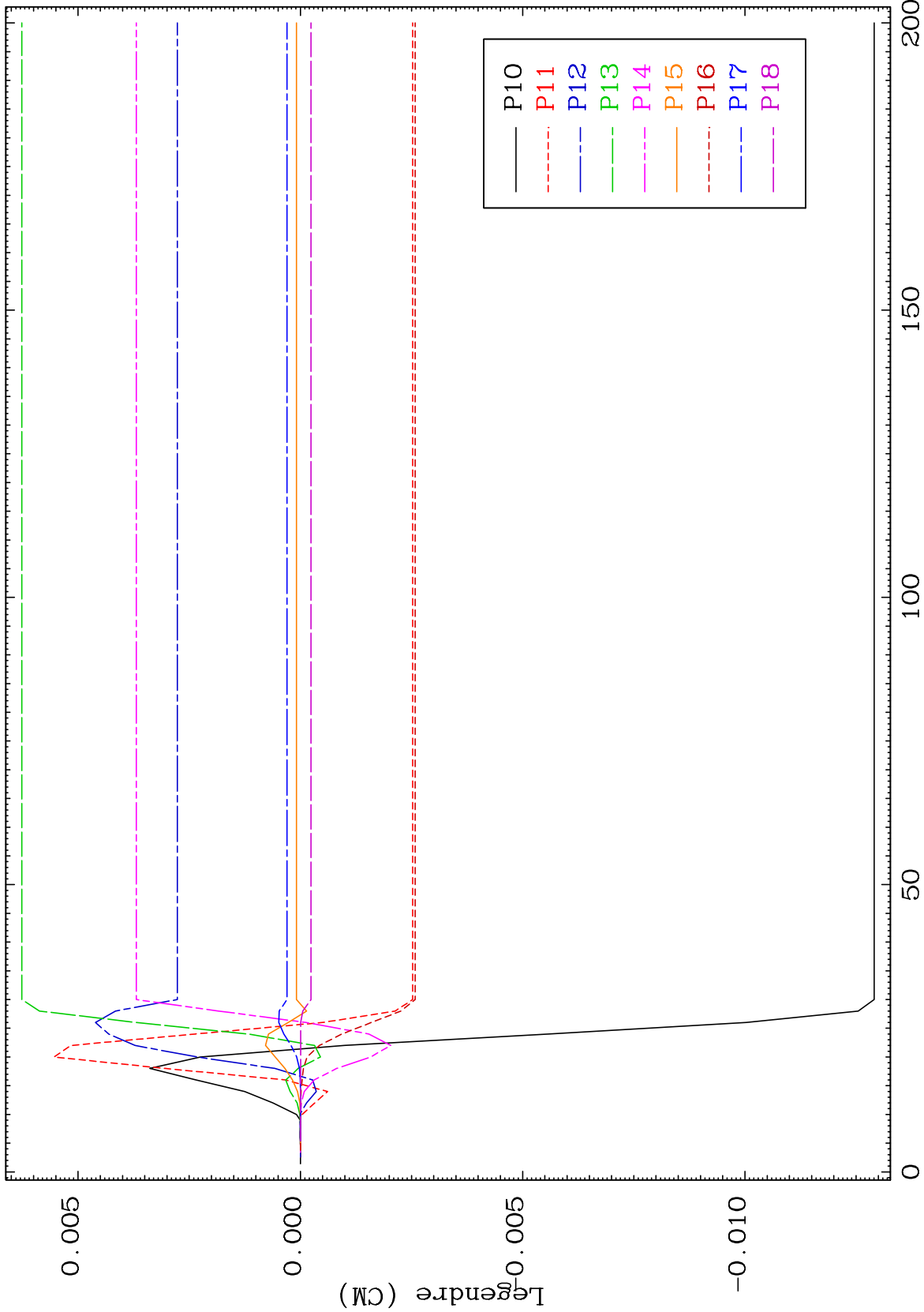
71-Lu-166



MAT 7098

MT= 61 (n,n') Level
Legendre Coefficients

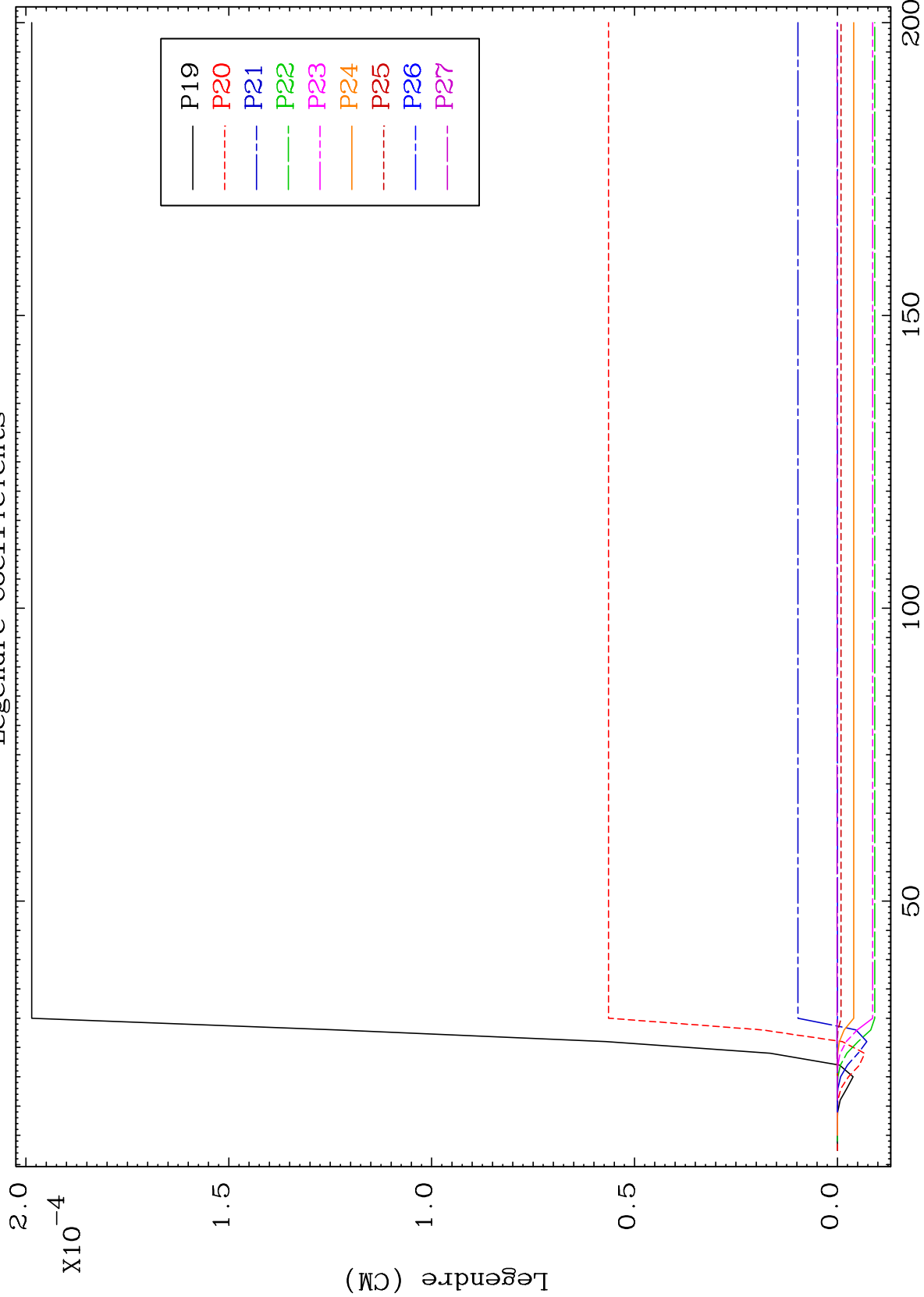
71-Lu-166



55

Incident Energy (MeV)

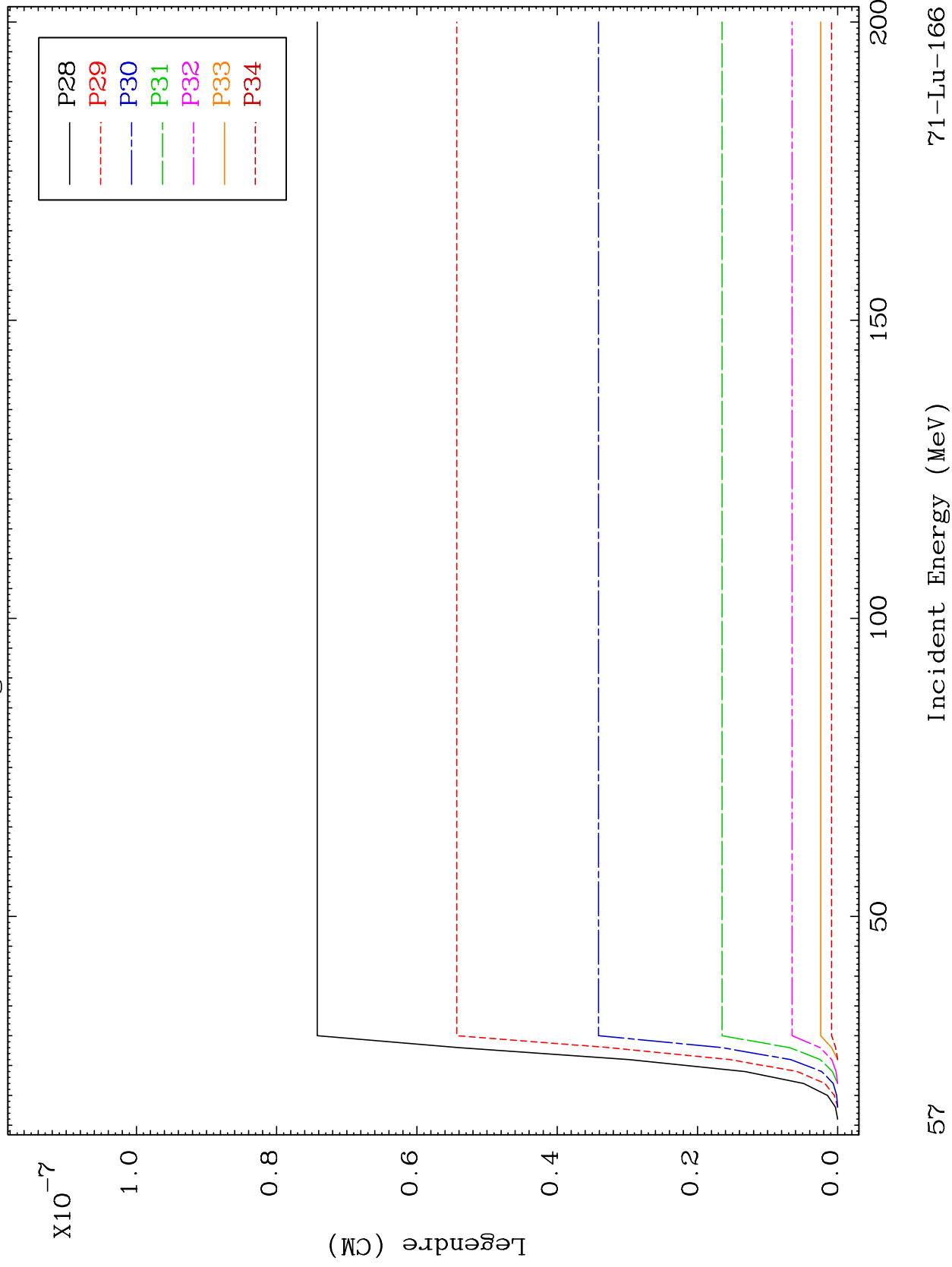
71-Lu-166



MAT 7098

MT= 61 (n,n') Level
Legendre Coefficients

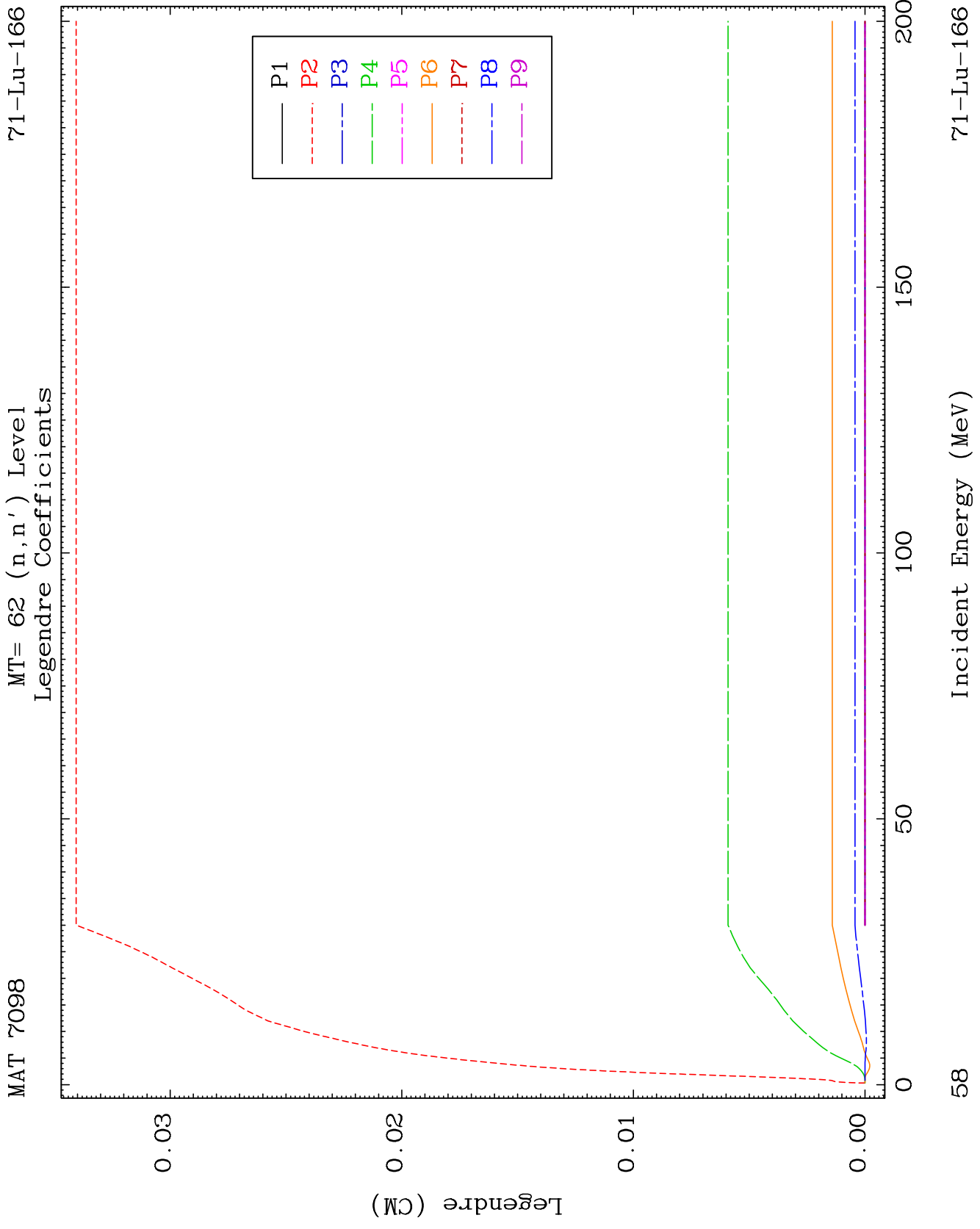
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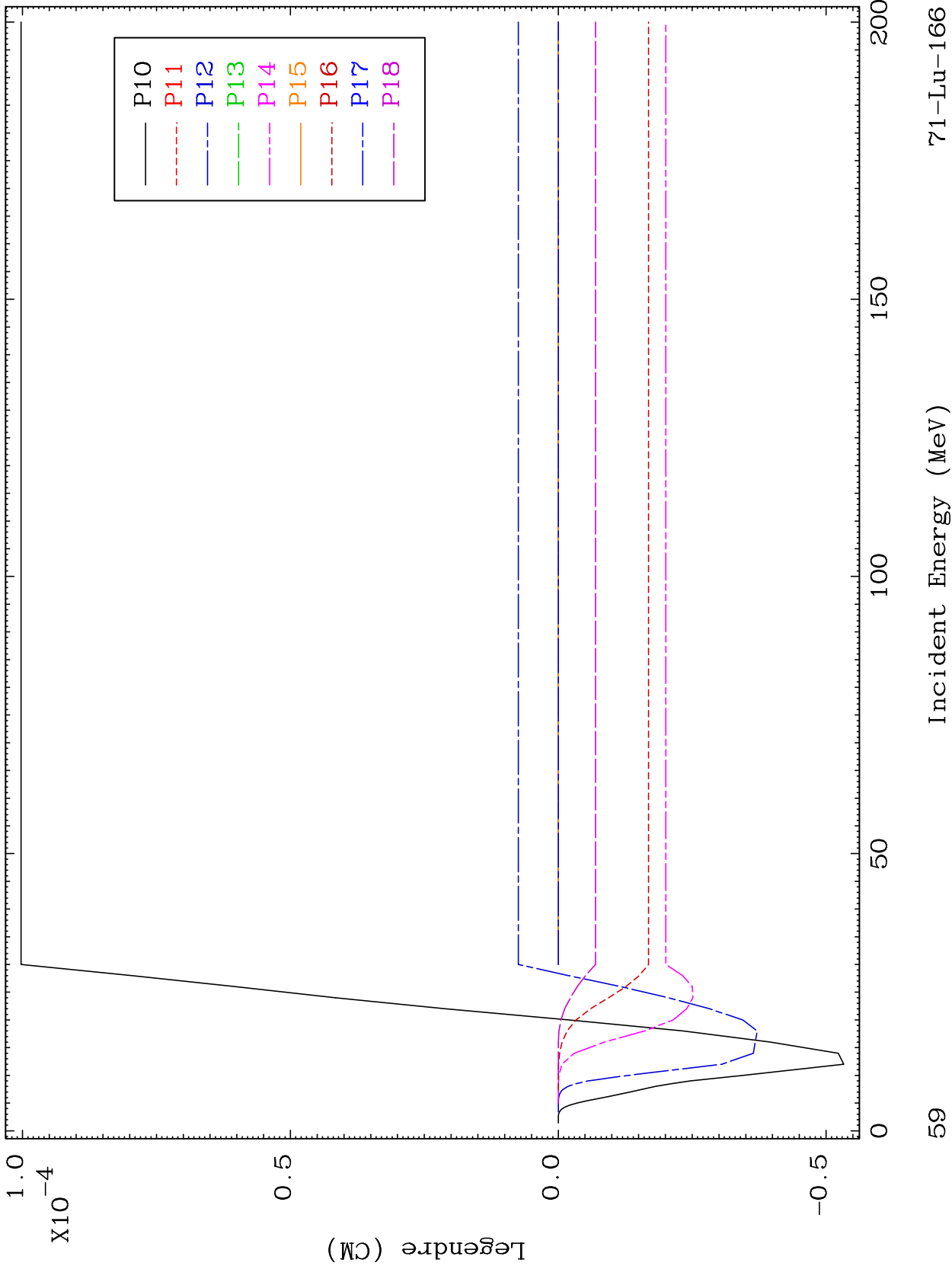


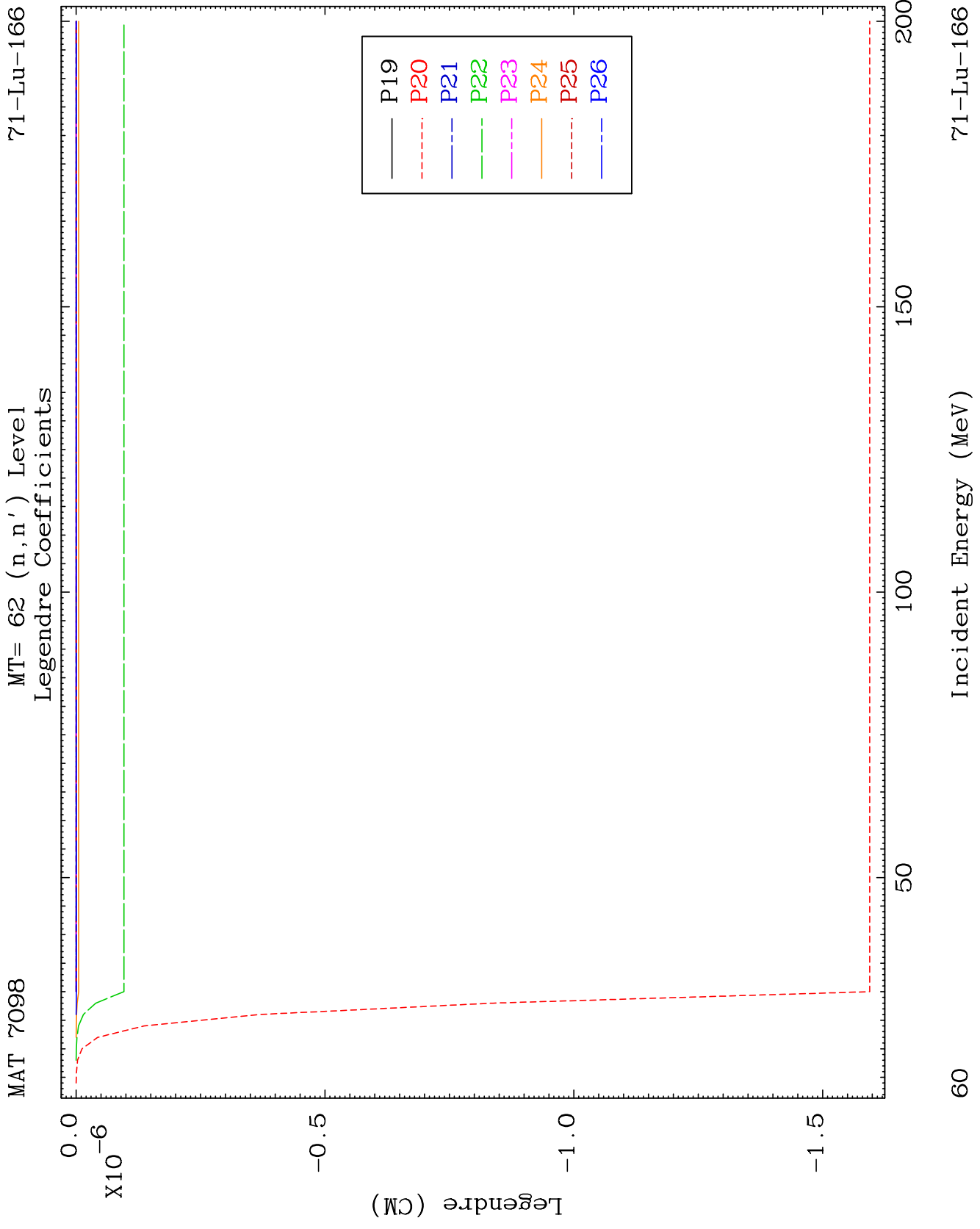
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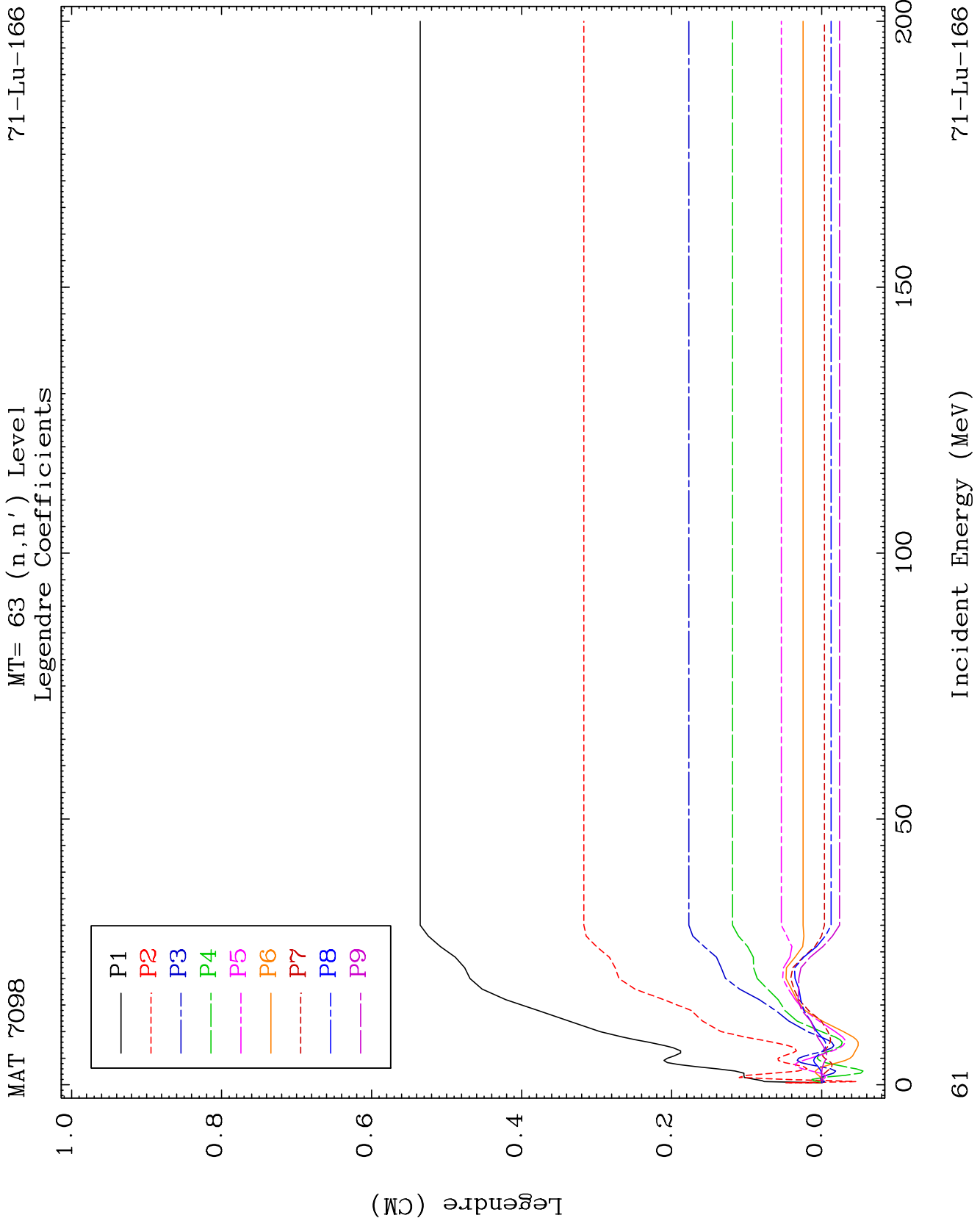
Incident Energy (MeV)

57





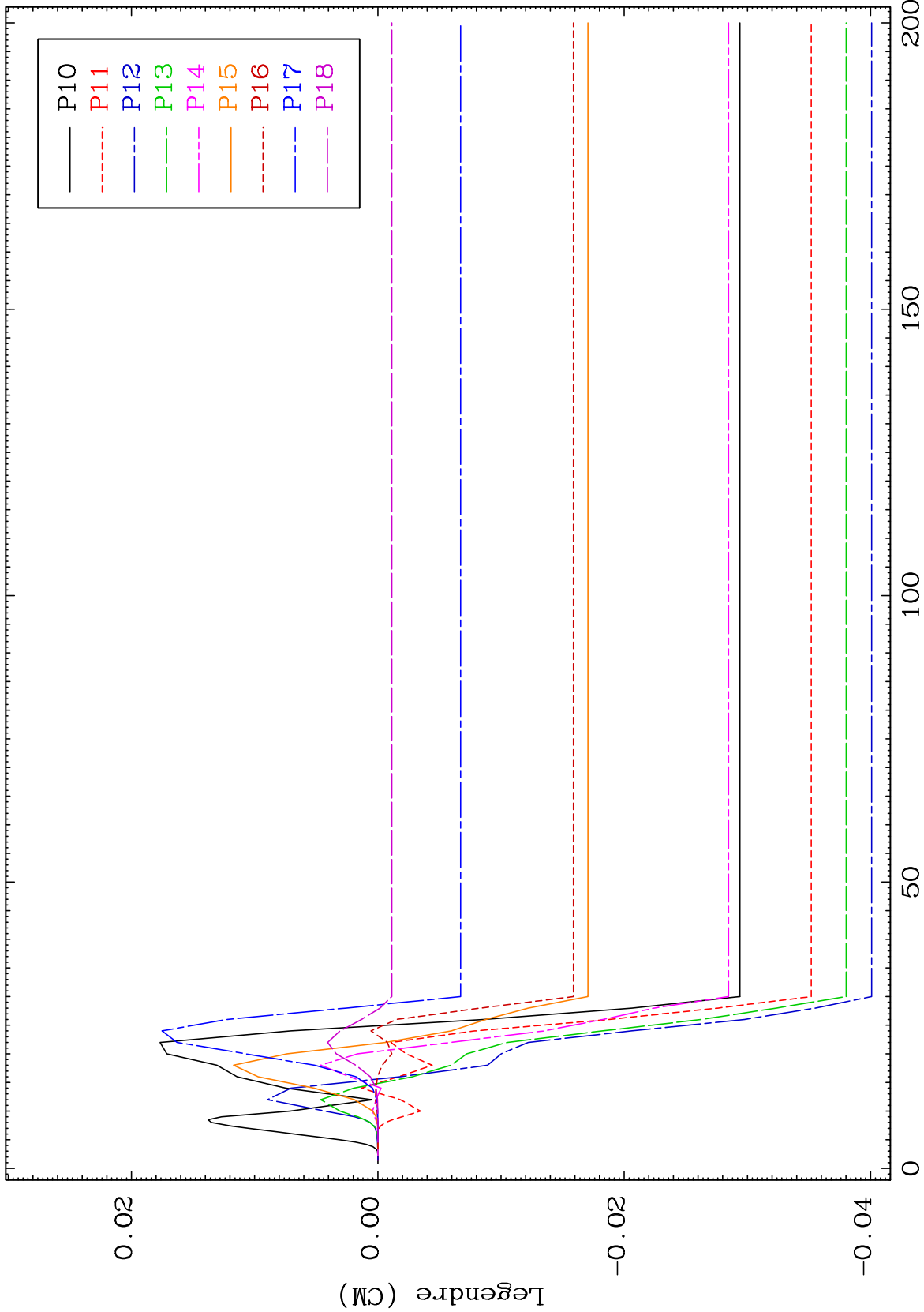




MAT 7098

MT= 63 (n,n') Level
Legendre Coefficients

71-Lu-166



62

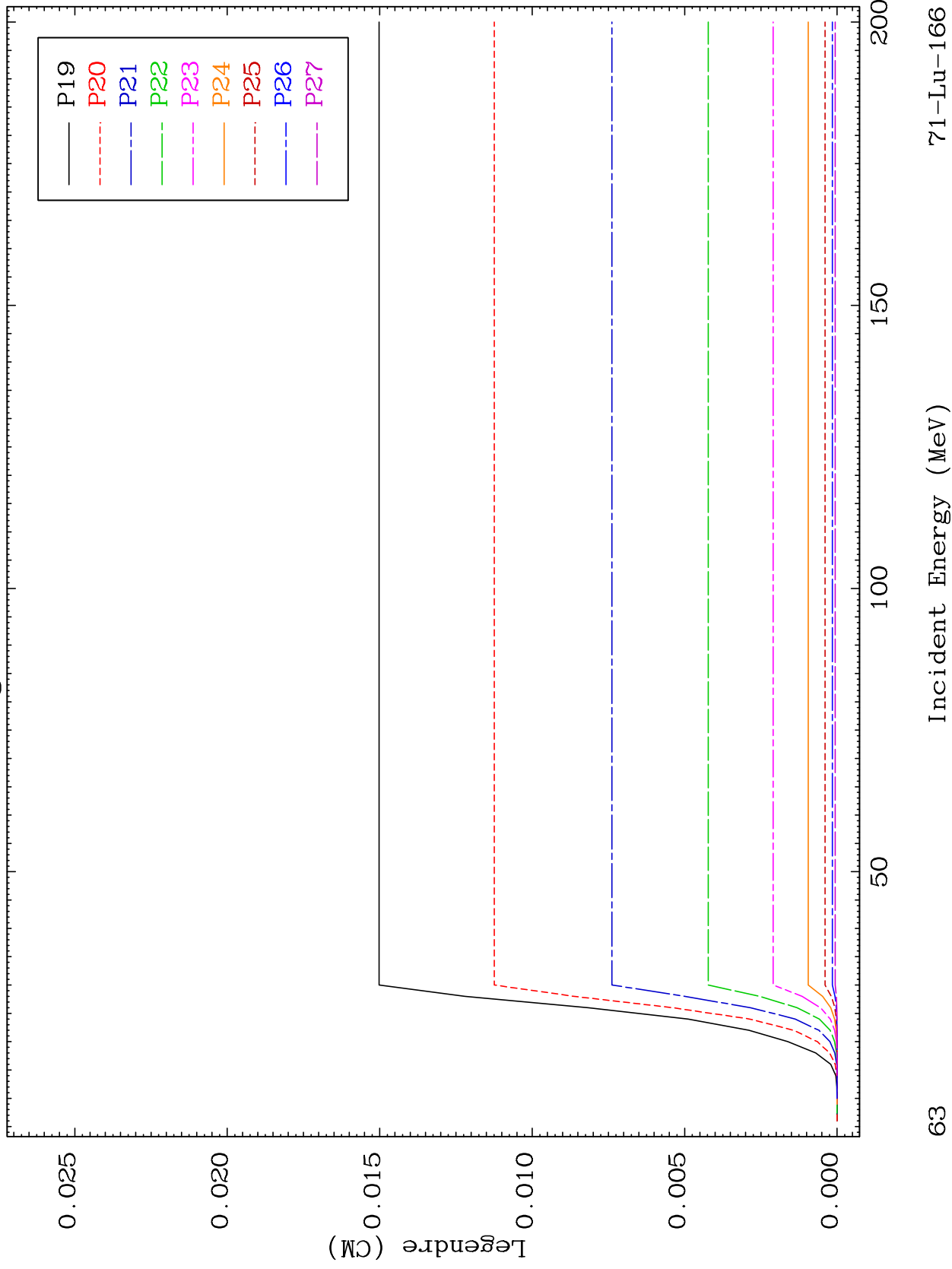
Incident Energy (MeV)

71-Lu-166

MAT 7098

MT= 63 (n,n') Level
Legendre Coefficients

71-Lu-166



63

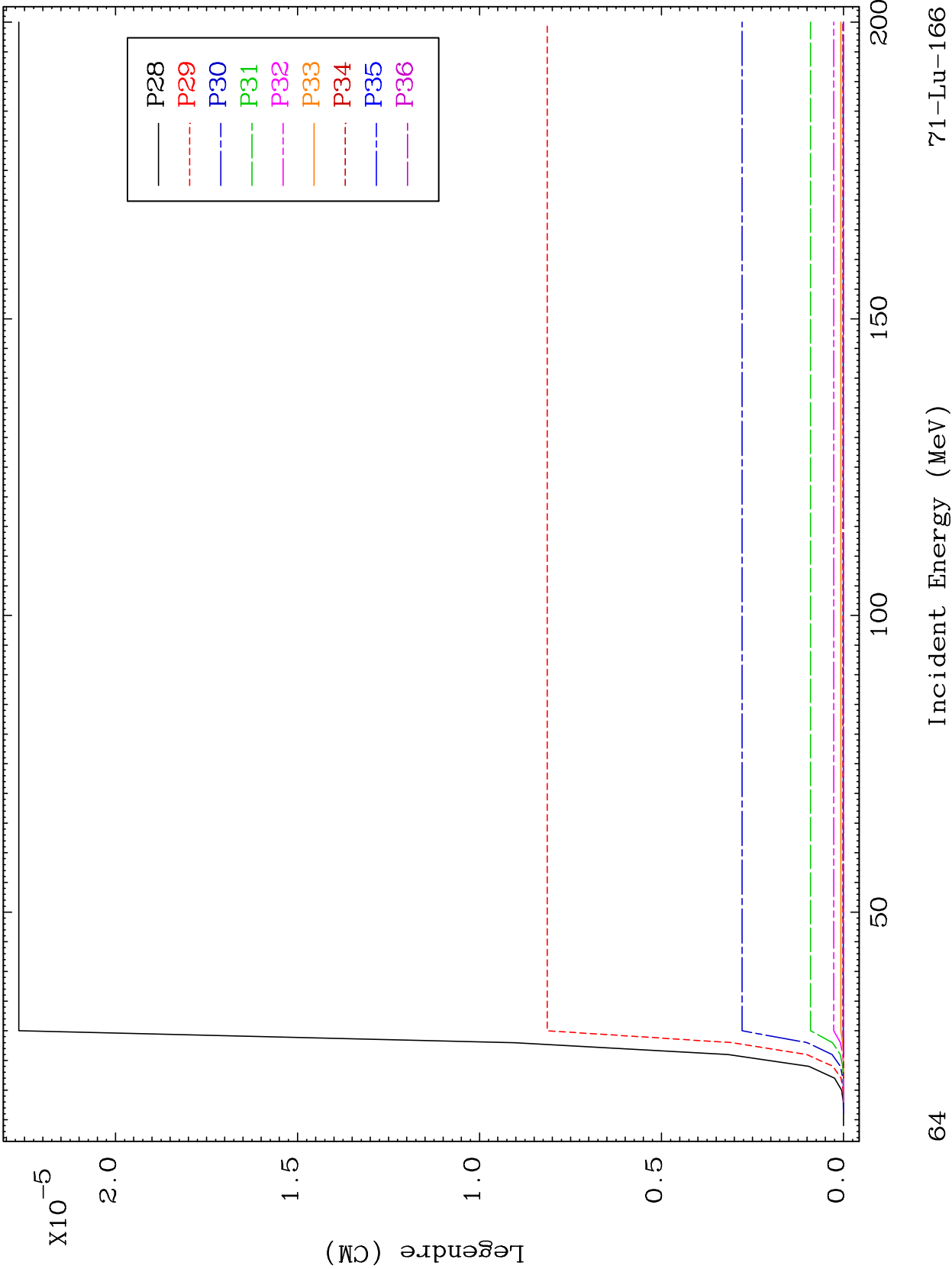
Incident Energy (MeV)

71-Lu-166

MAT 7098

MT= 63 (n,n') Level
Legendre Coefficients

71-Lu-166



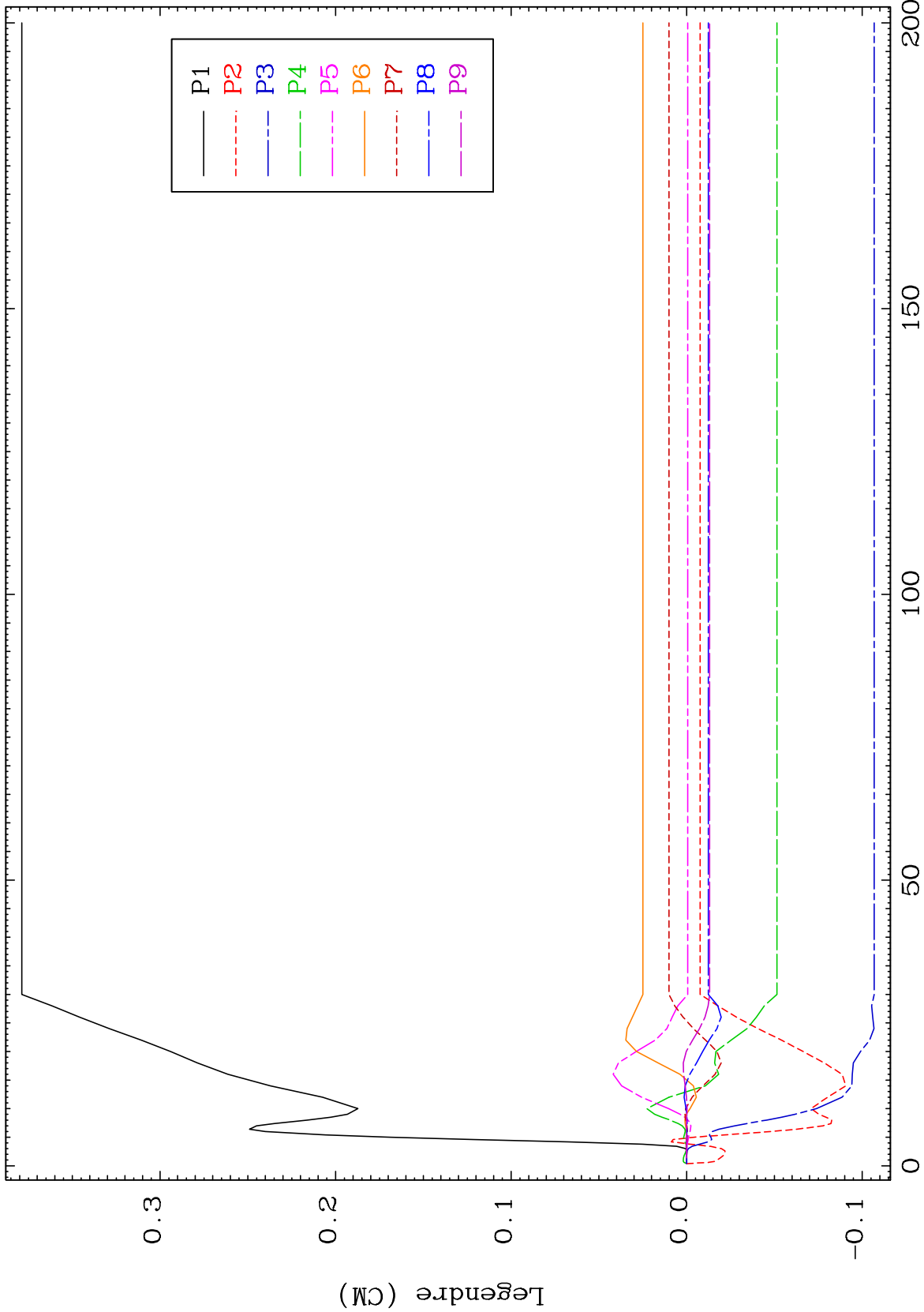
64

71-Lu-166

MAT 7098

MT= 64 (n,n') Level
Legendre Coefficients

71-Lu-166



71-Lu-166

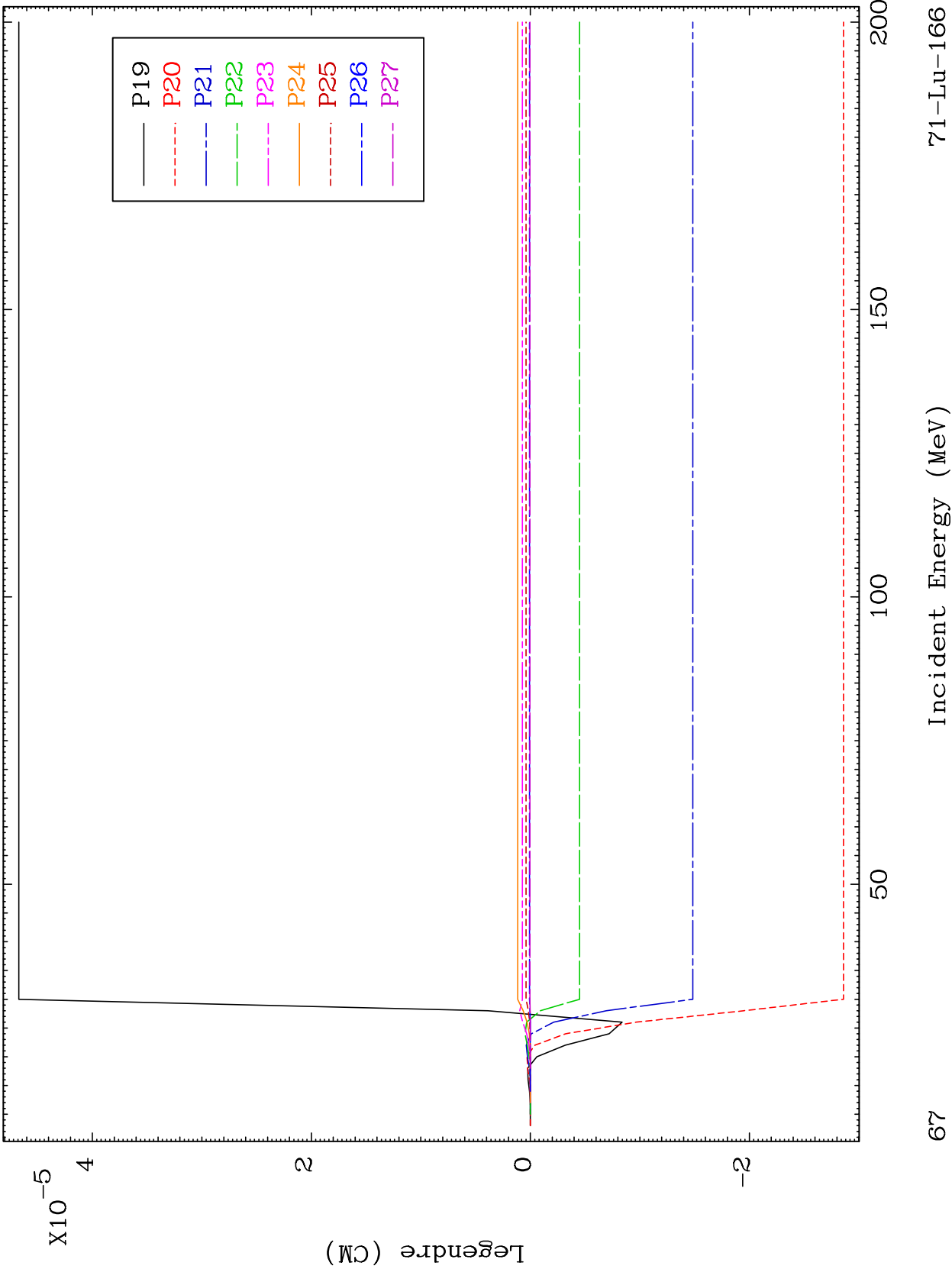
Incident Energy (MeV)

65

MAT 7098

MT= 64 (n,n') Level
Legendre Coefficients

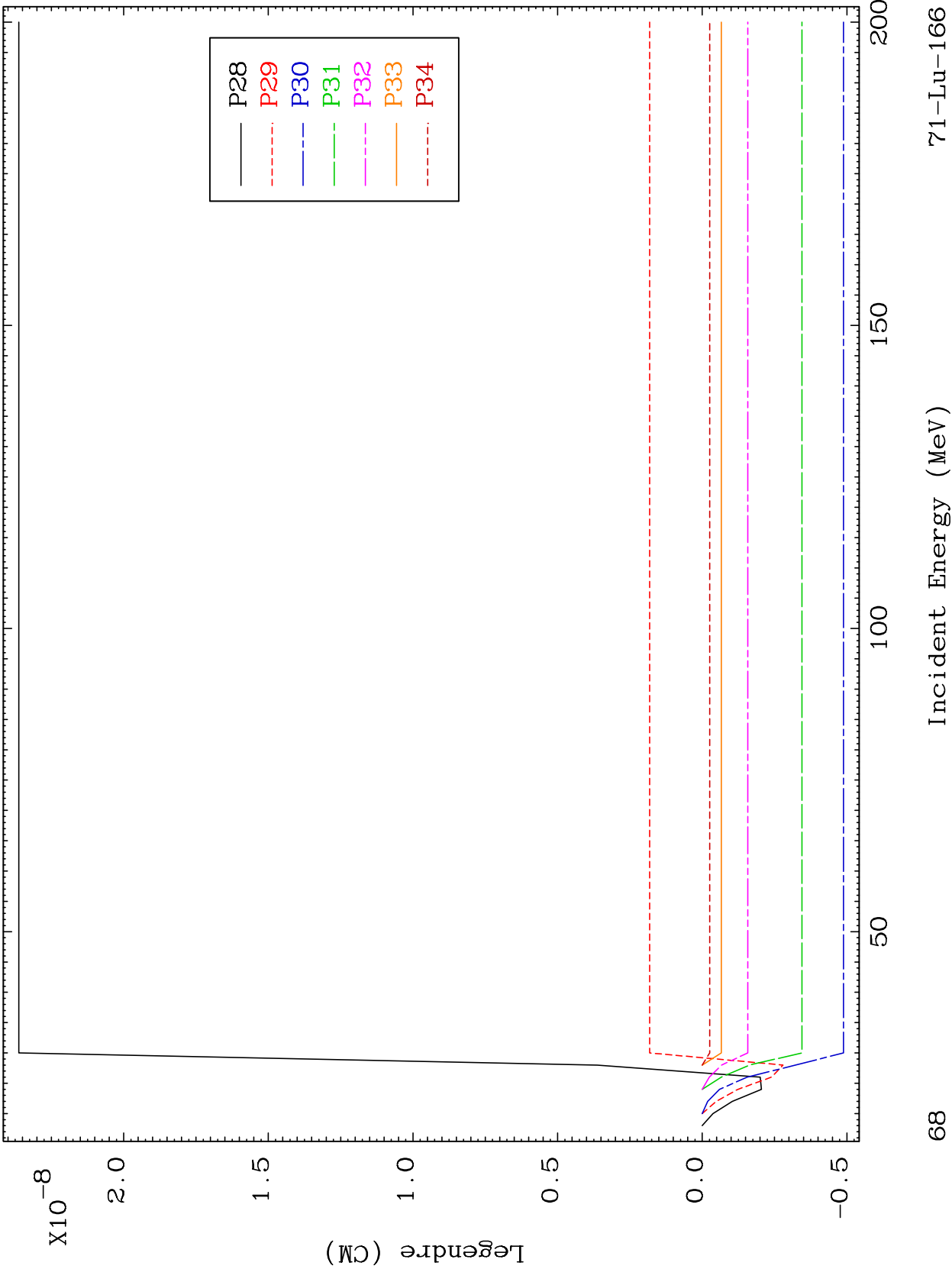
71-Lu-166

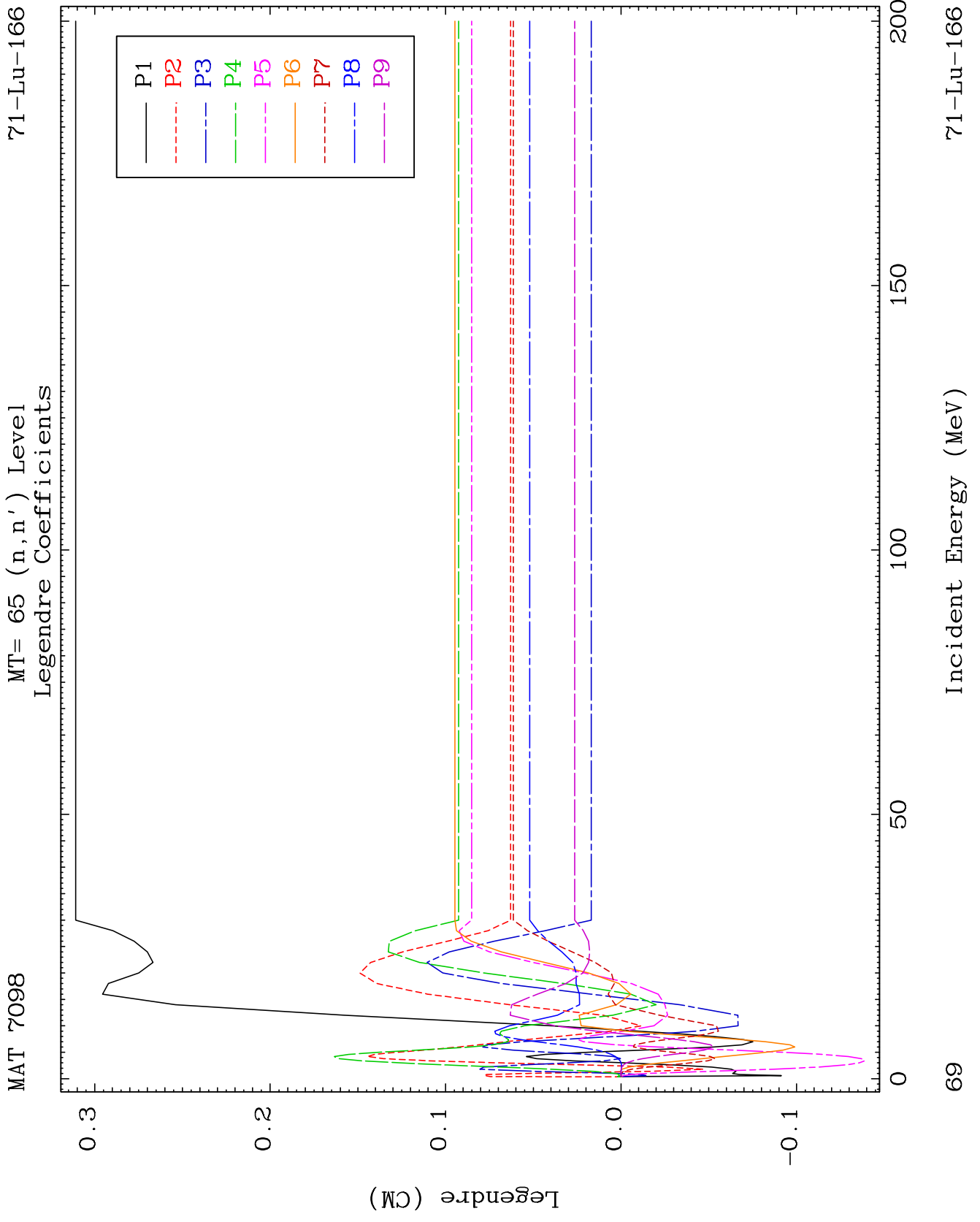


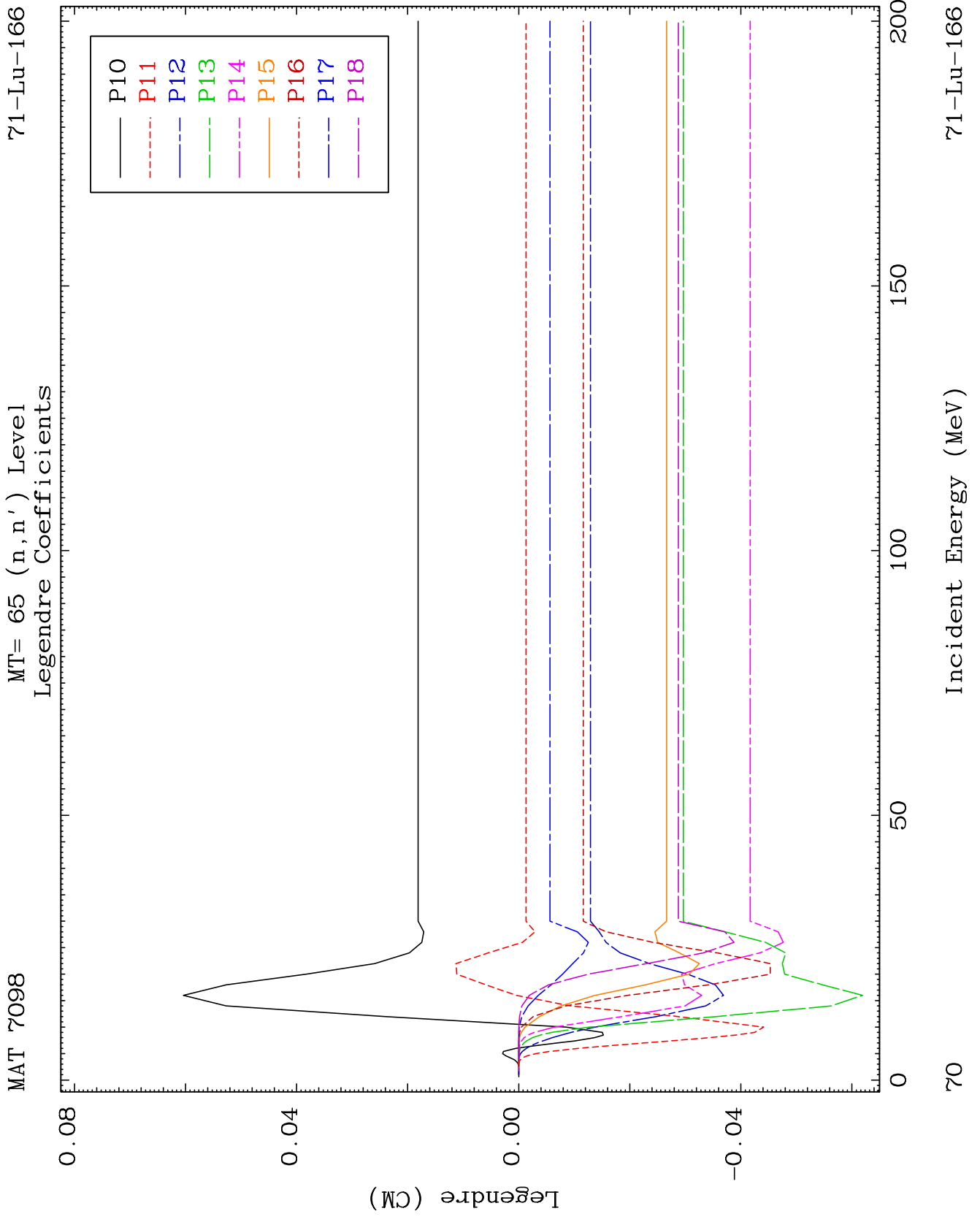
67

Incident Energy (MeV)

71-Lu-166



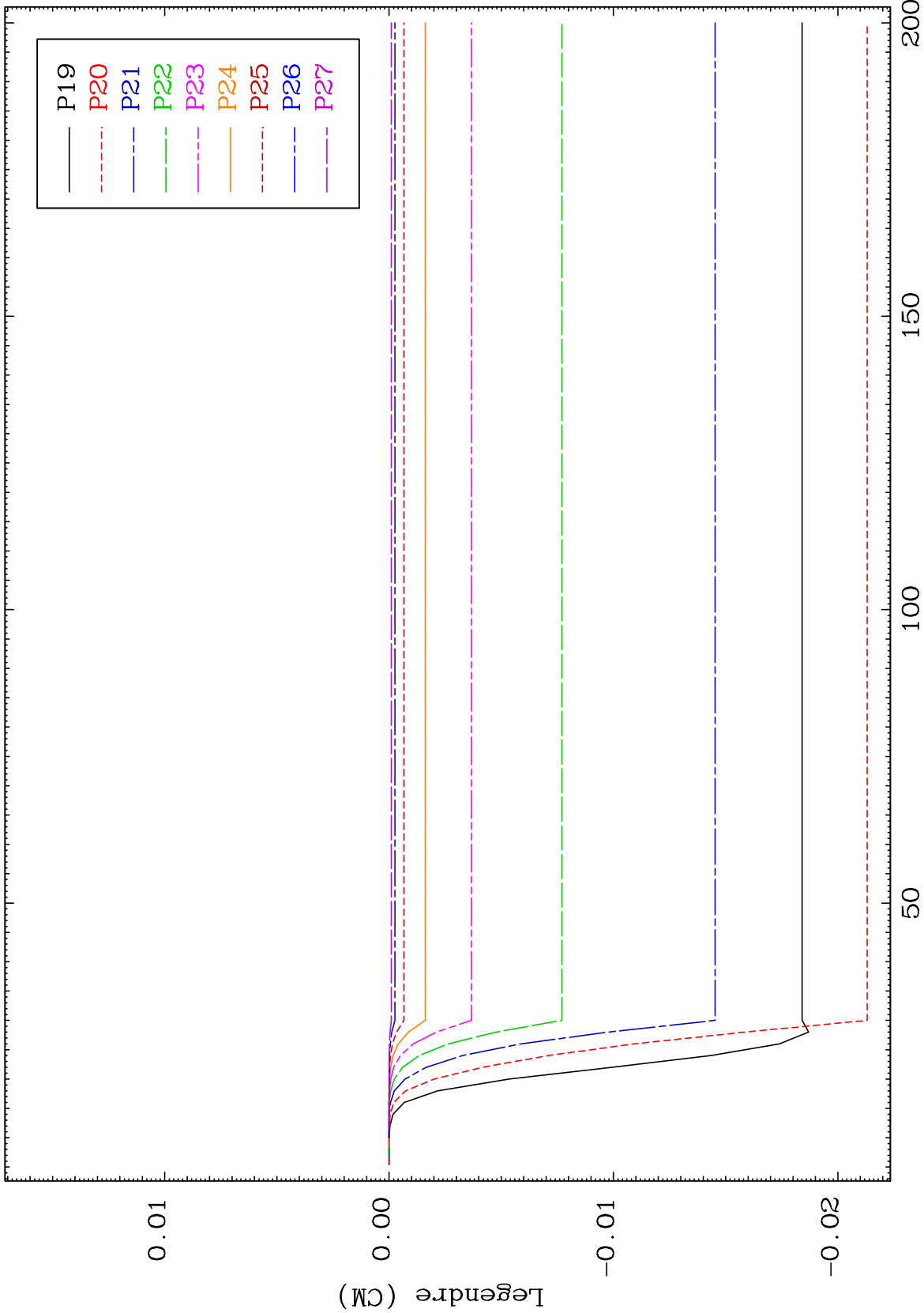




MAT 7098

MT= 65 (n,n') Level
Legendre Coefficients

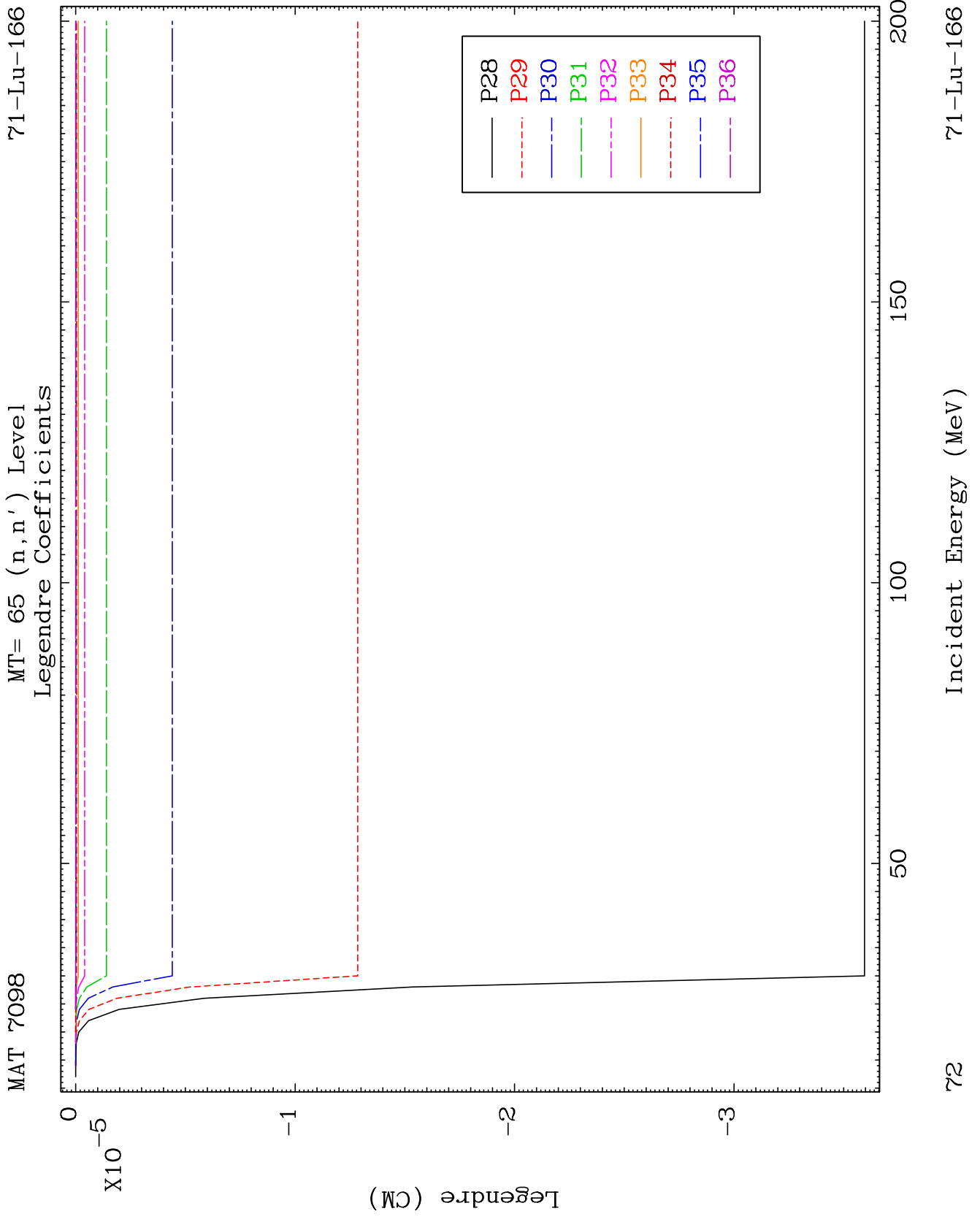
71-Lu-166



71

Incident Energy (MeV)

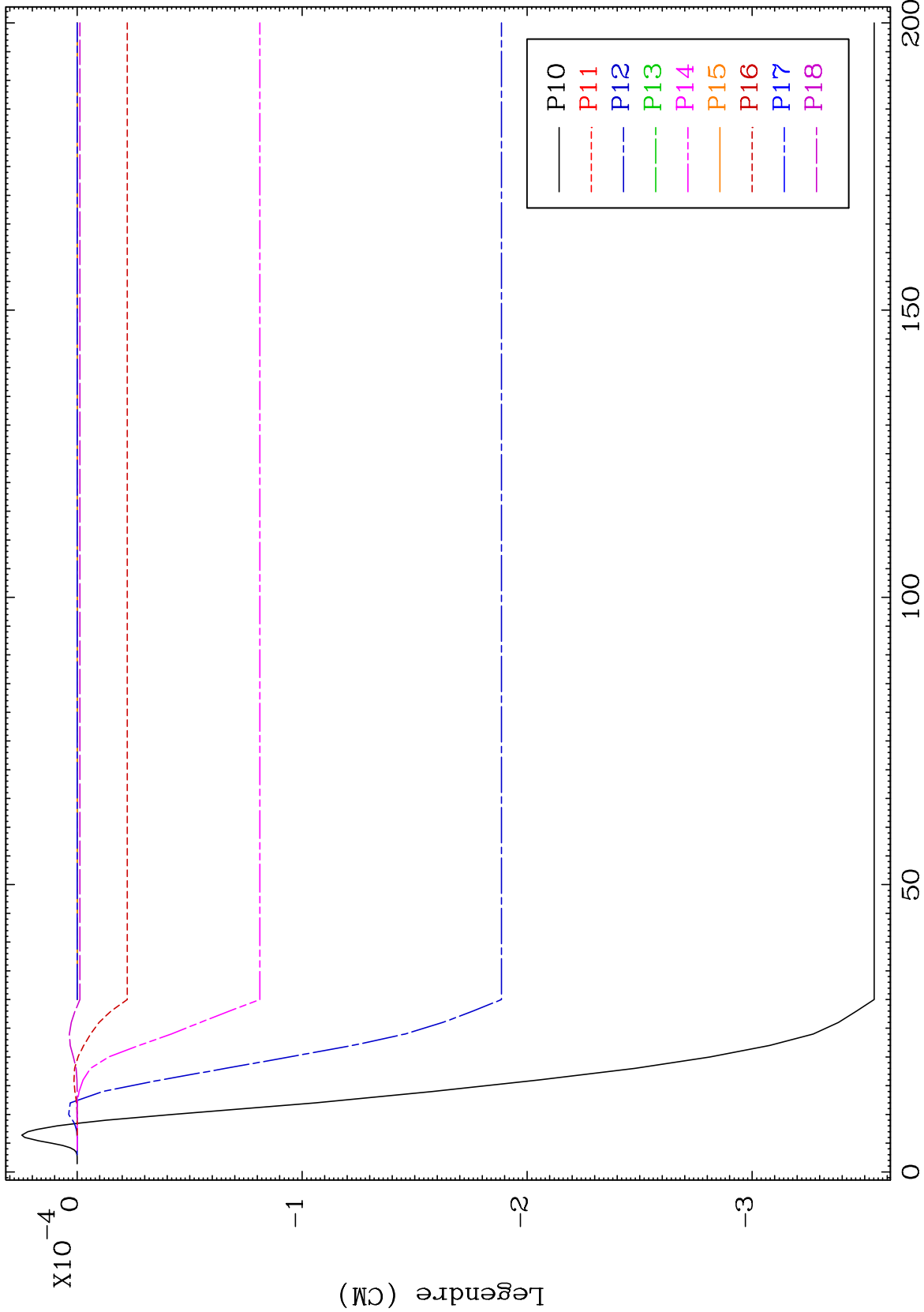
71-Lu-166



MAT 7098

MT= 66 (n,n') Level
Legendre Coefficients

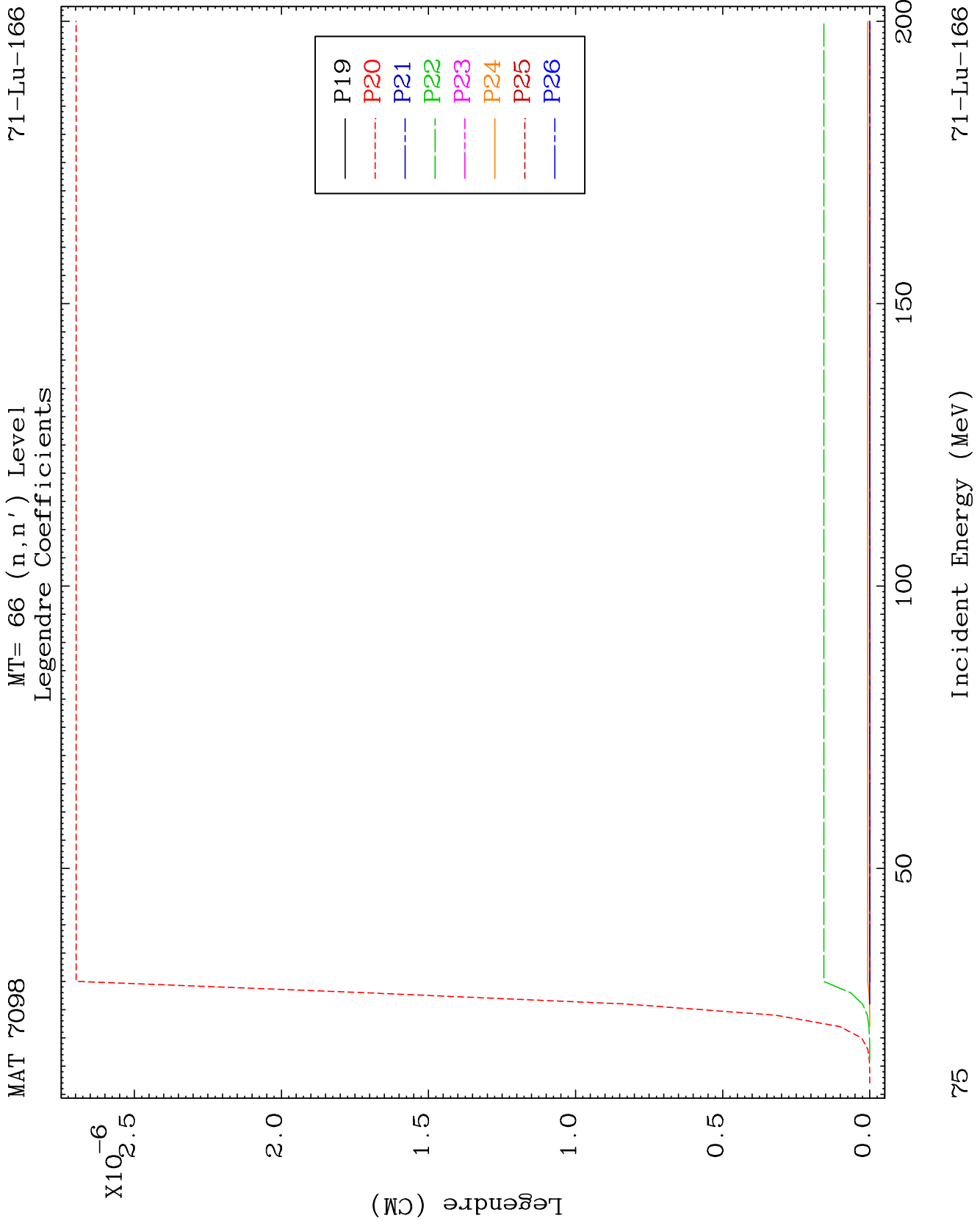
71-Lu-166



74

Incident Energy (MeV)

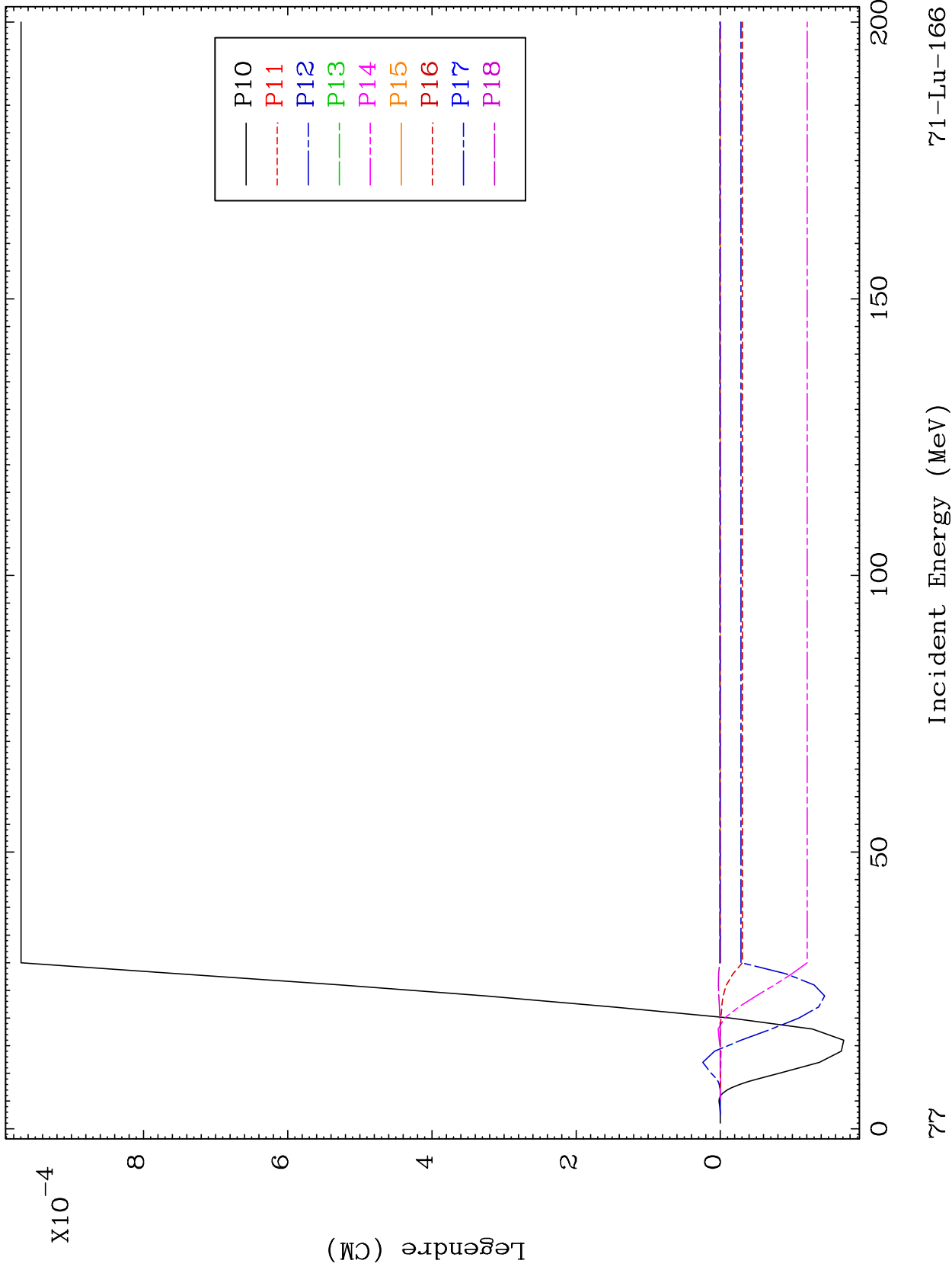
71-Lu-166



MAT 7098

MT= 67 (n,n') Level
Legendre Coefficients

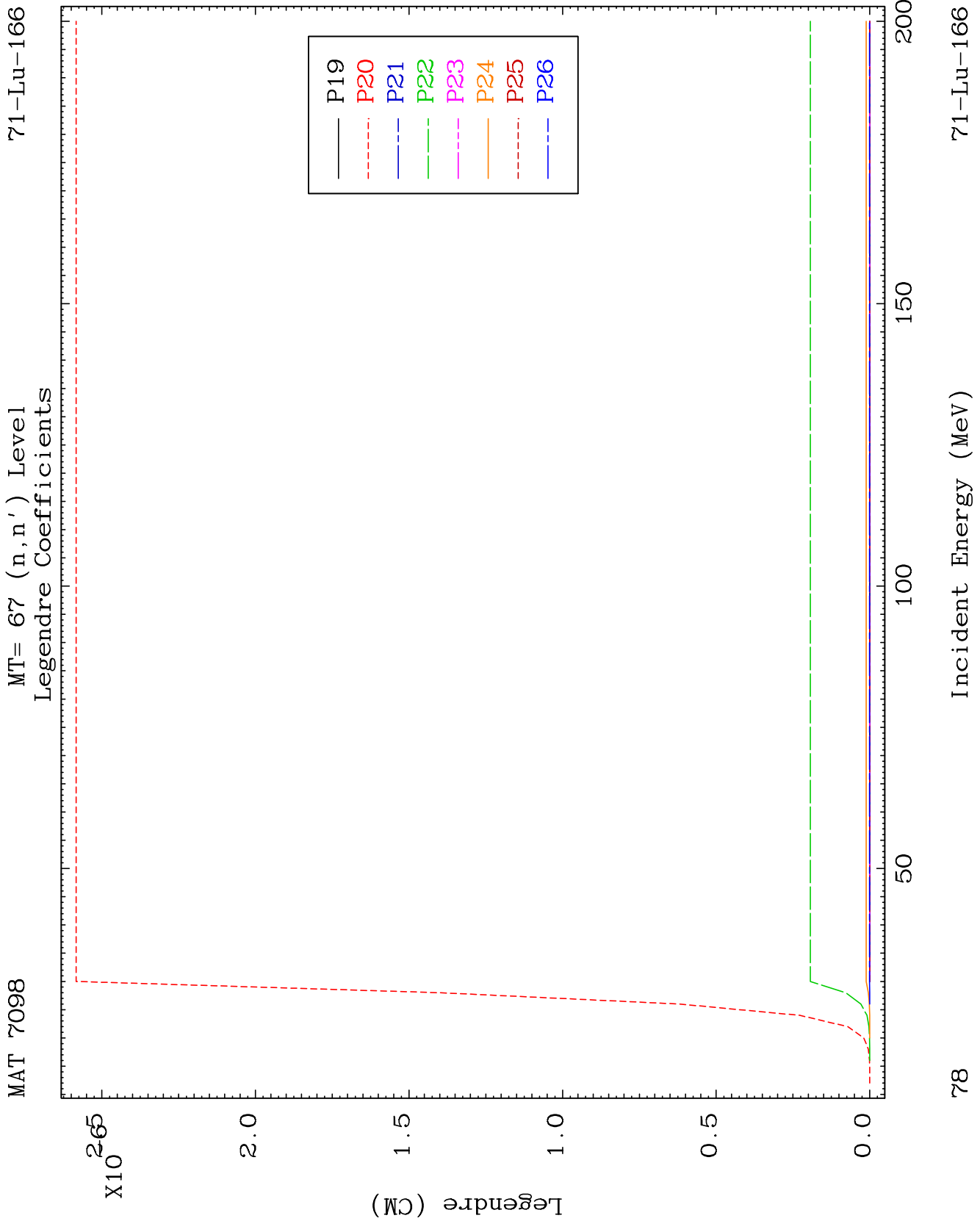
71-Lu-166



77

Incident Energy (MeV)

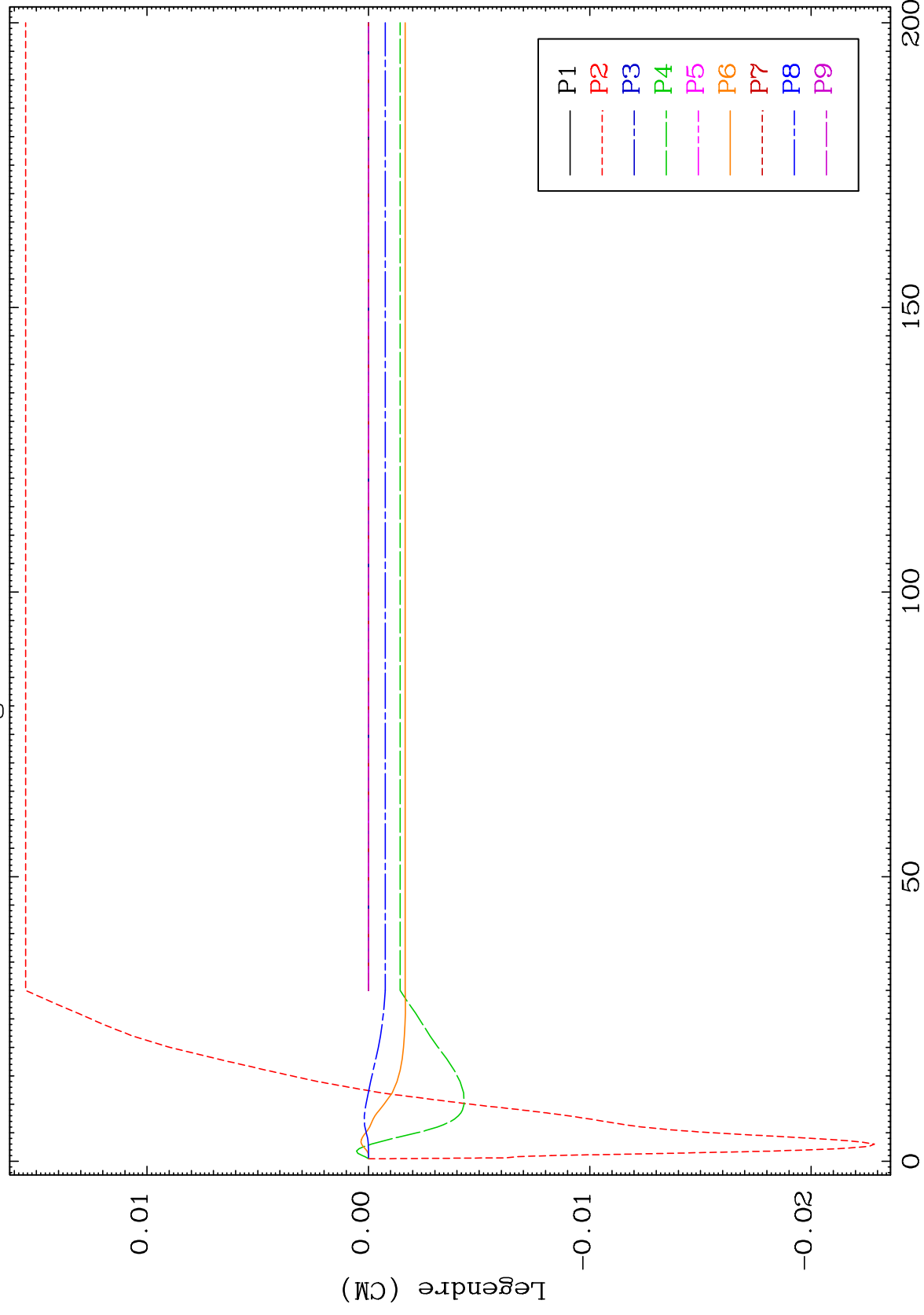
71-Lu-166



MAT 7098

MT= 68 (n,n') Level
Legendre Coefficients

71-Lu-166



79

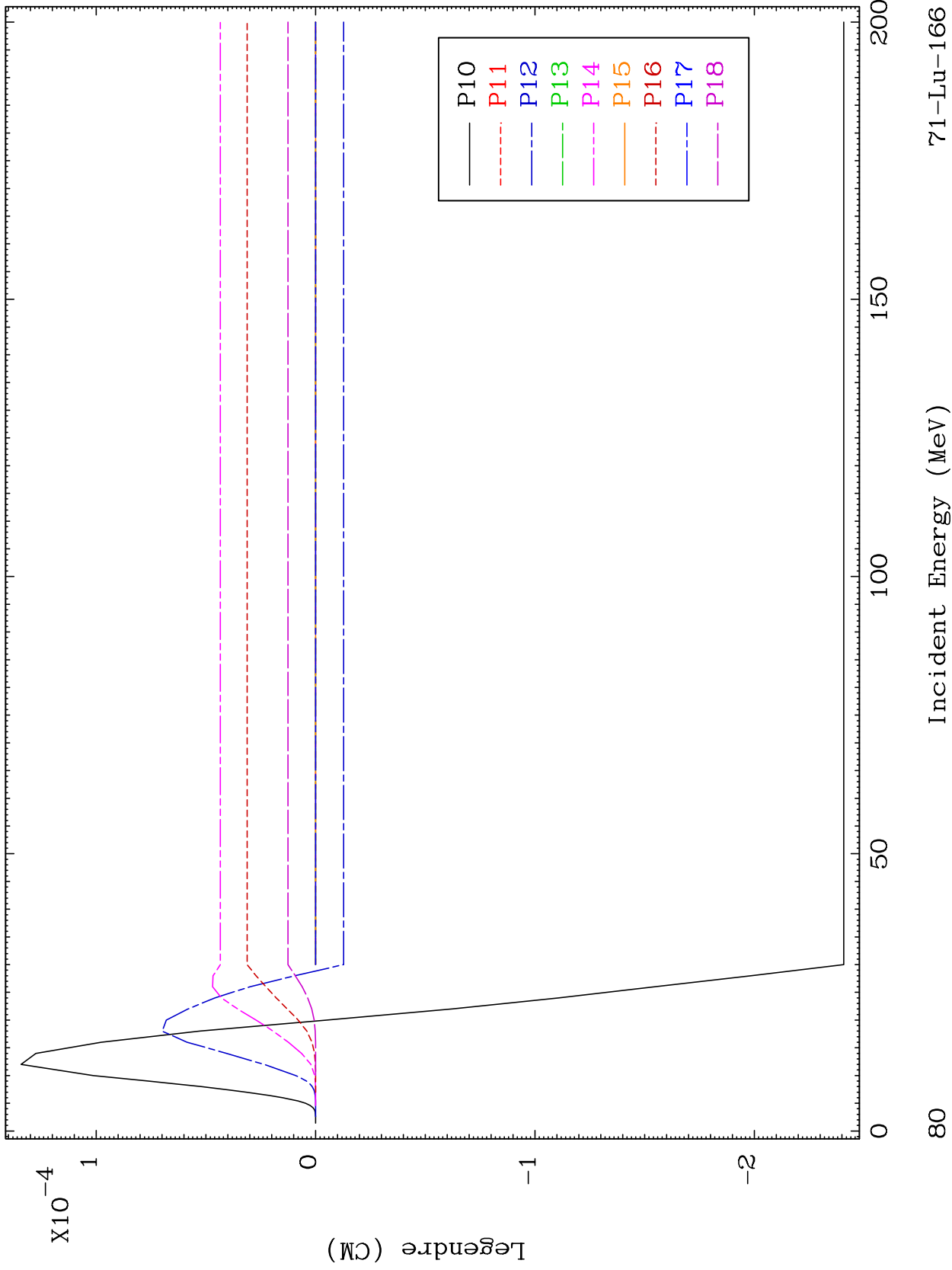
Incident Energy (MeV)

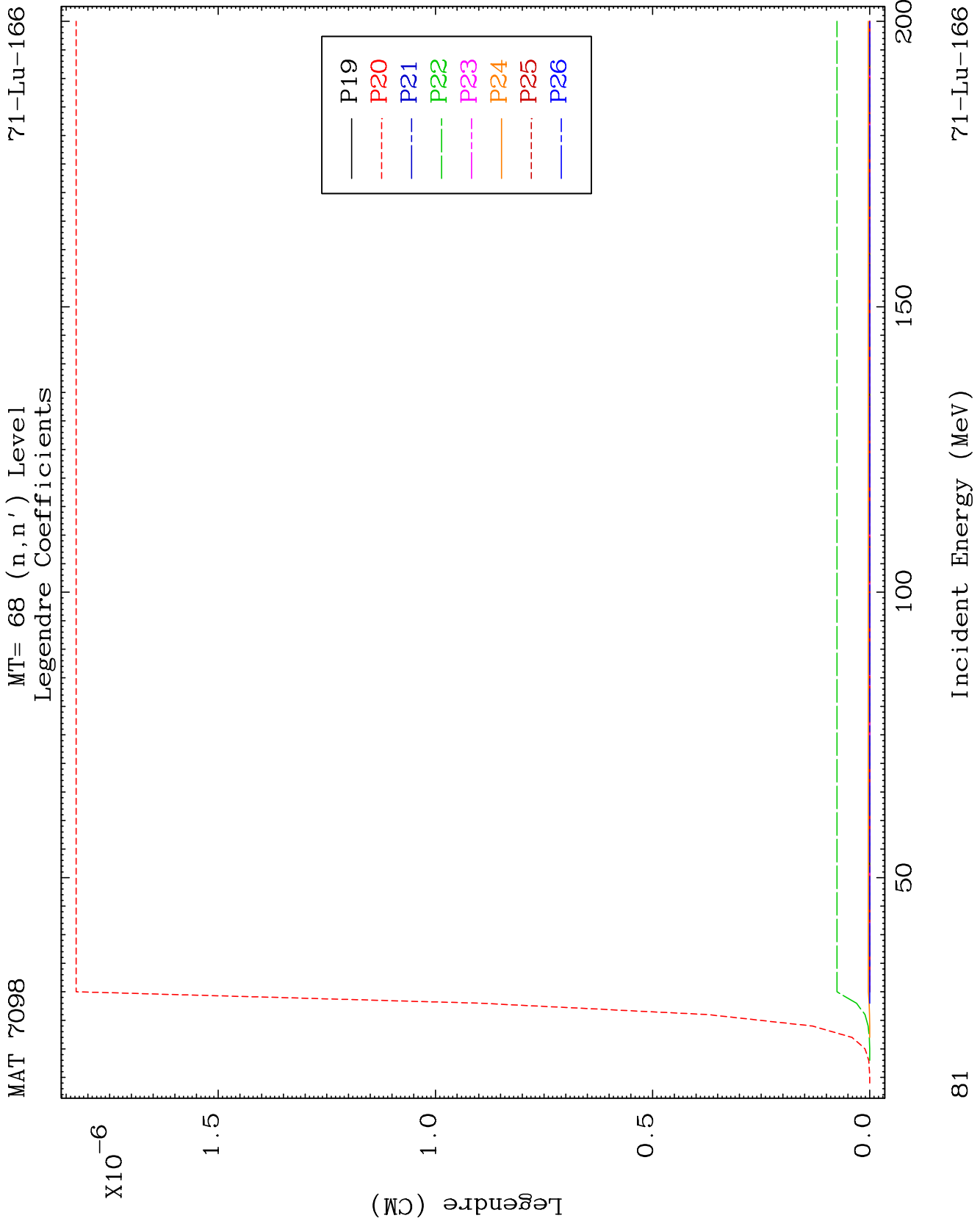
71-Lu-166

MAT 7098

MT= 68 (n,n') Level
Legendre Coefficients

71-Lu-166

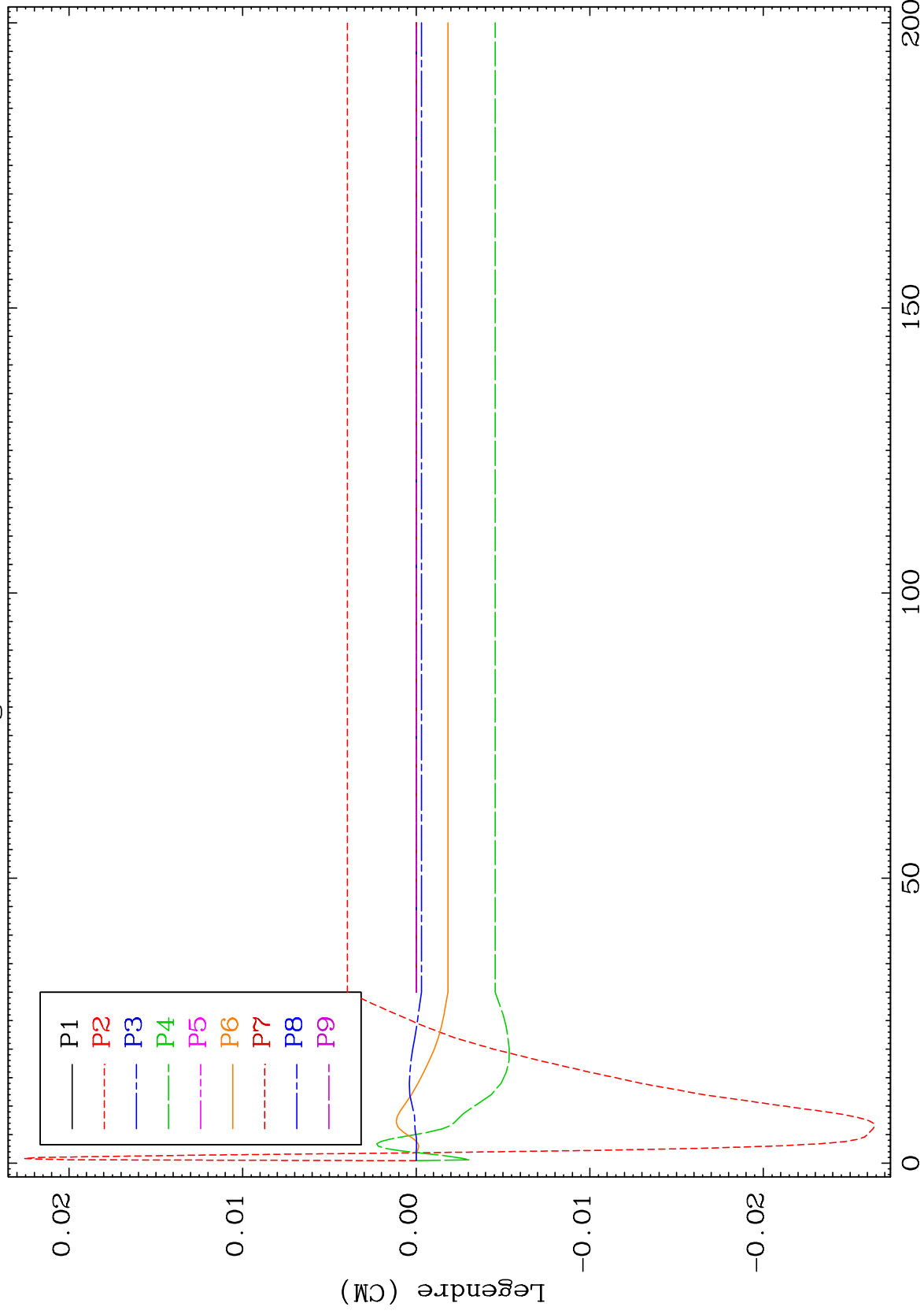




MAT 7098

MT= 69 (n,n') Level
Legendre Coefficients

71-Lu-166



82

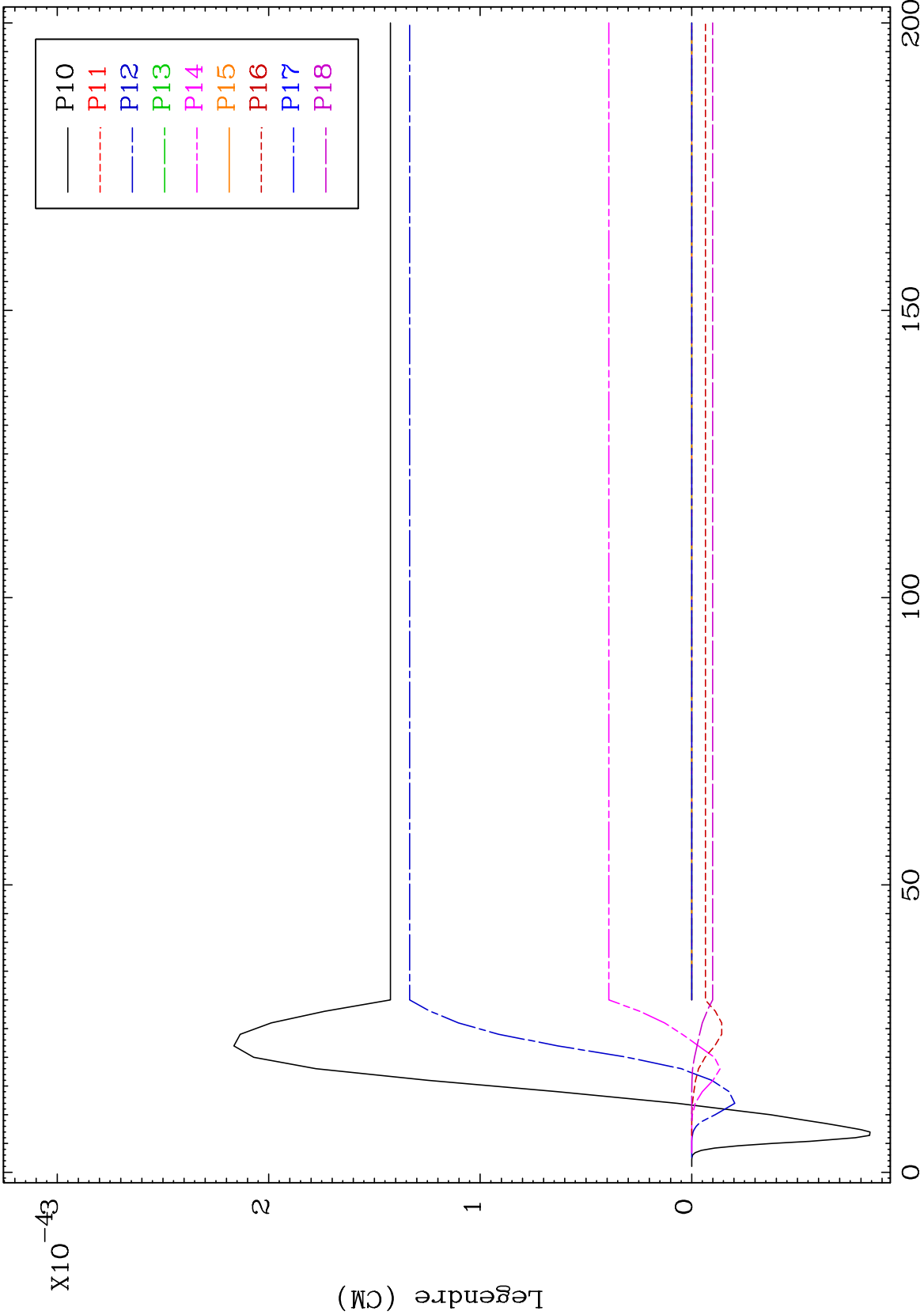
Incident Energy (MeV)

71-Lu-166

MAT 7098

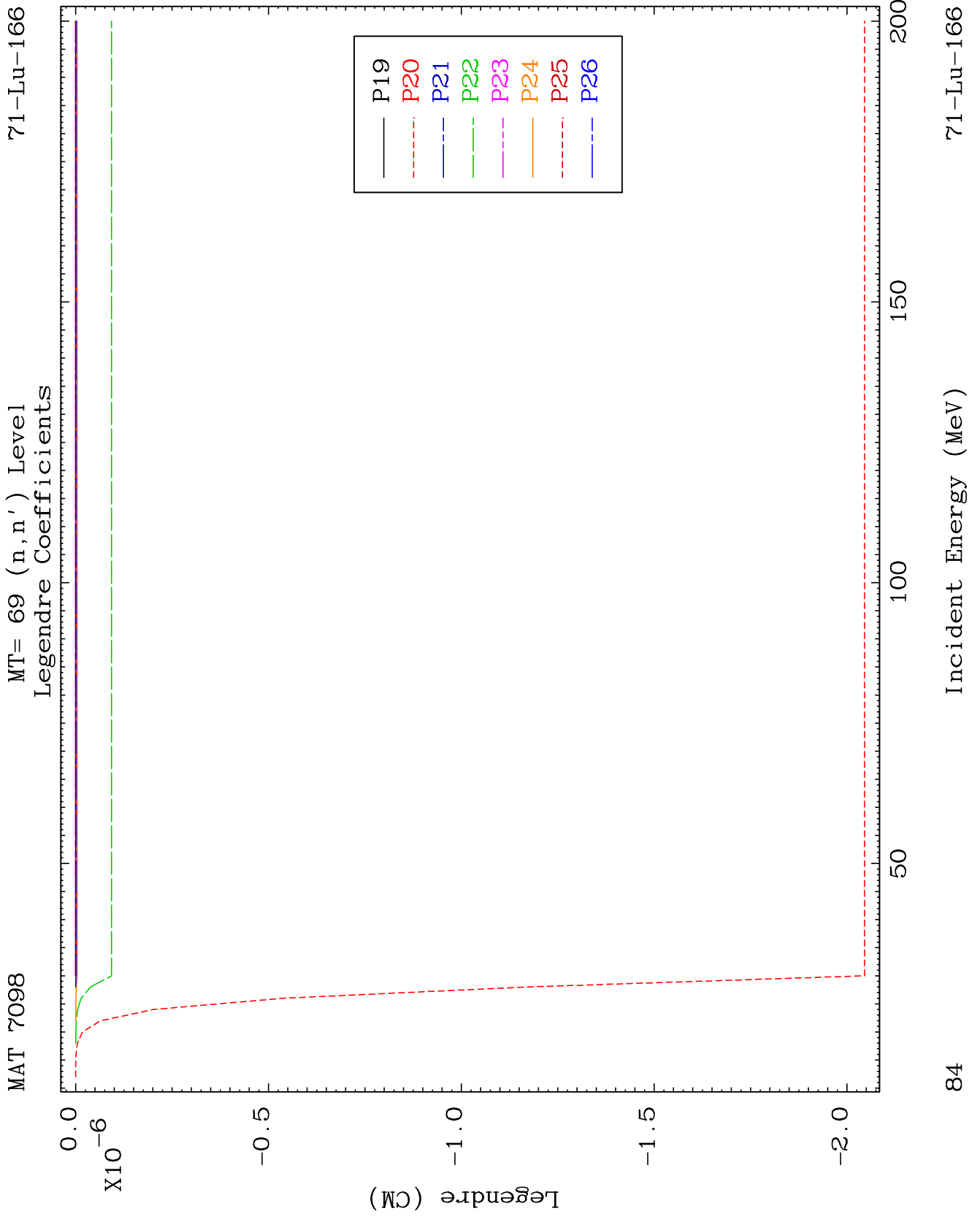
MT= 69 (n,n') Level Legendre Coefficients

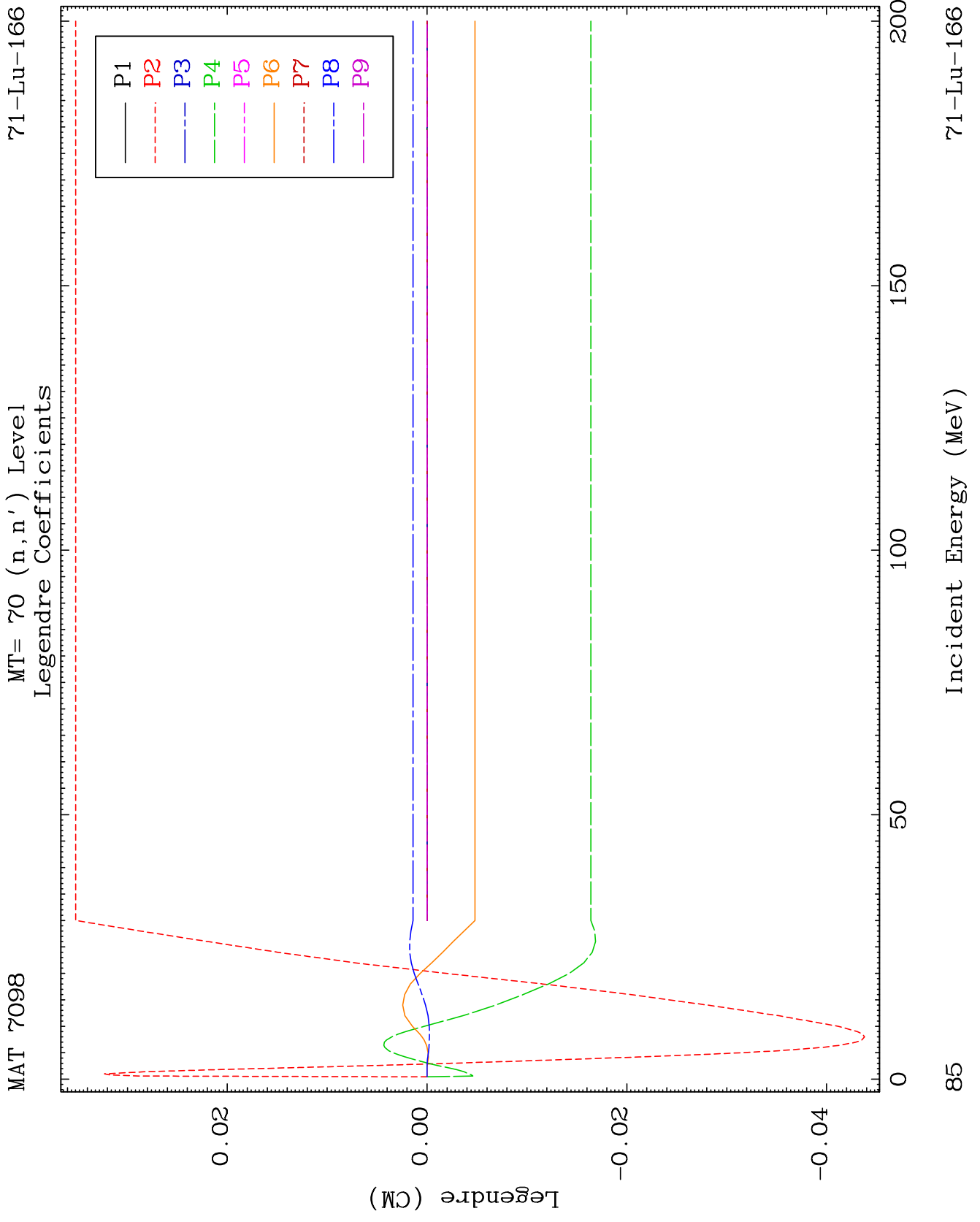
71-Lu-166



83

71-Lu-166

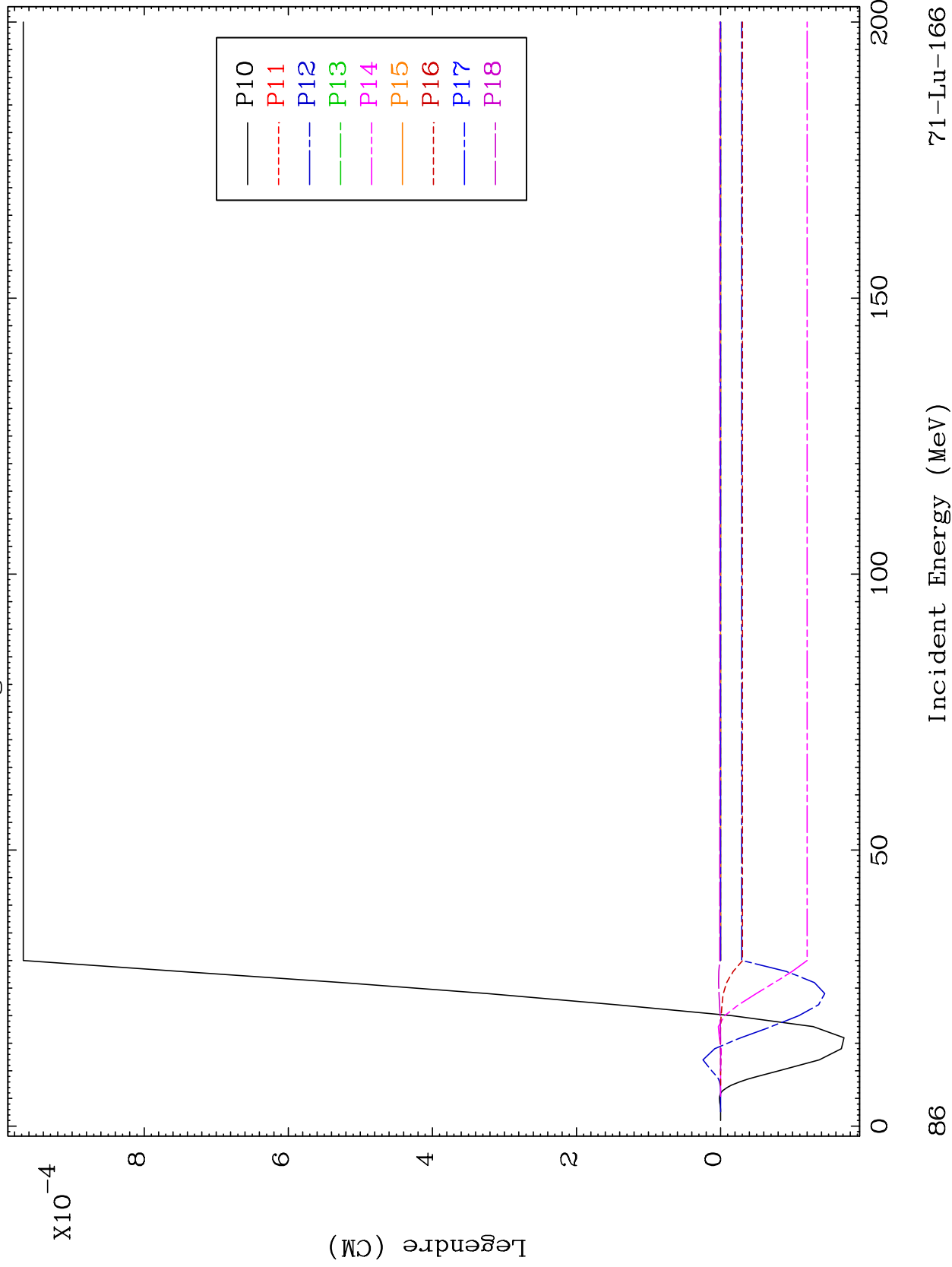




MAT 7098

MT= 70 (n,n') Level
Legendre Coefficients

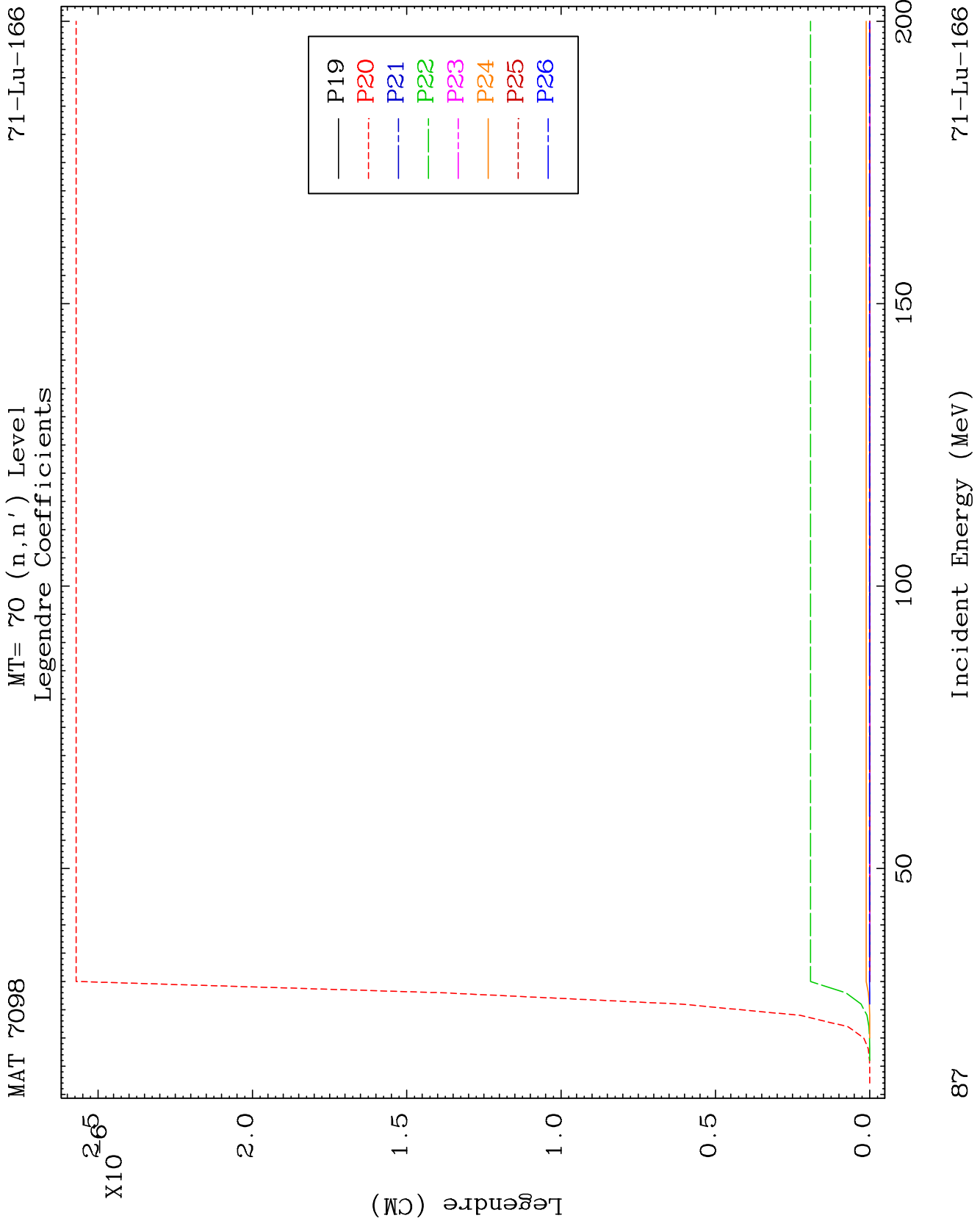
71-Lu-166

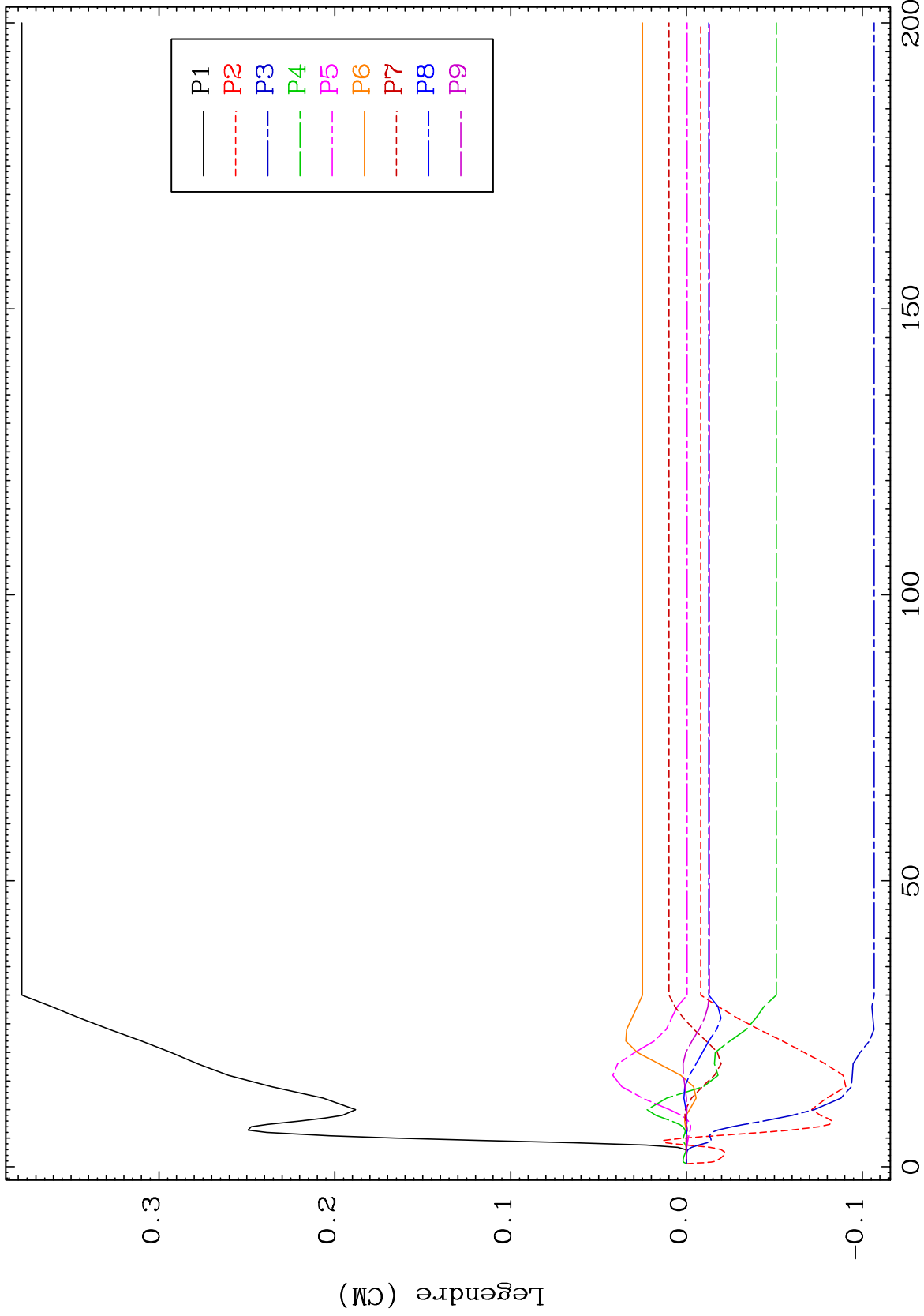


71-Lu-166

Incident Energy (MeV)

86

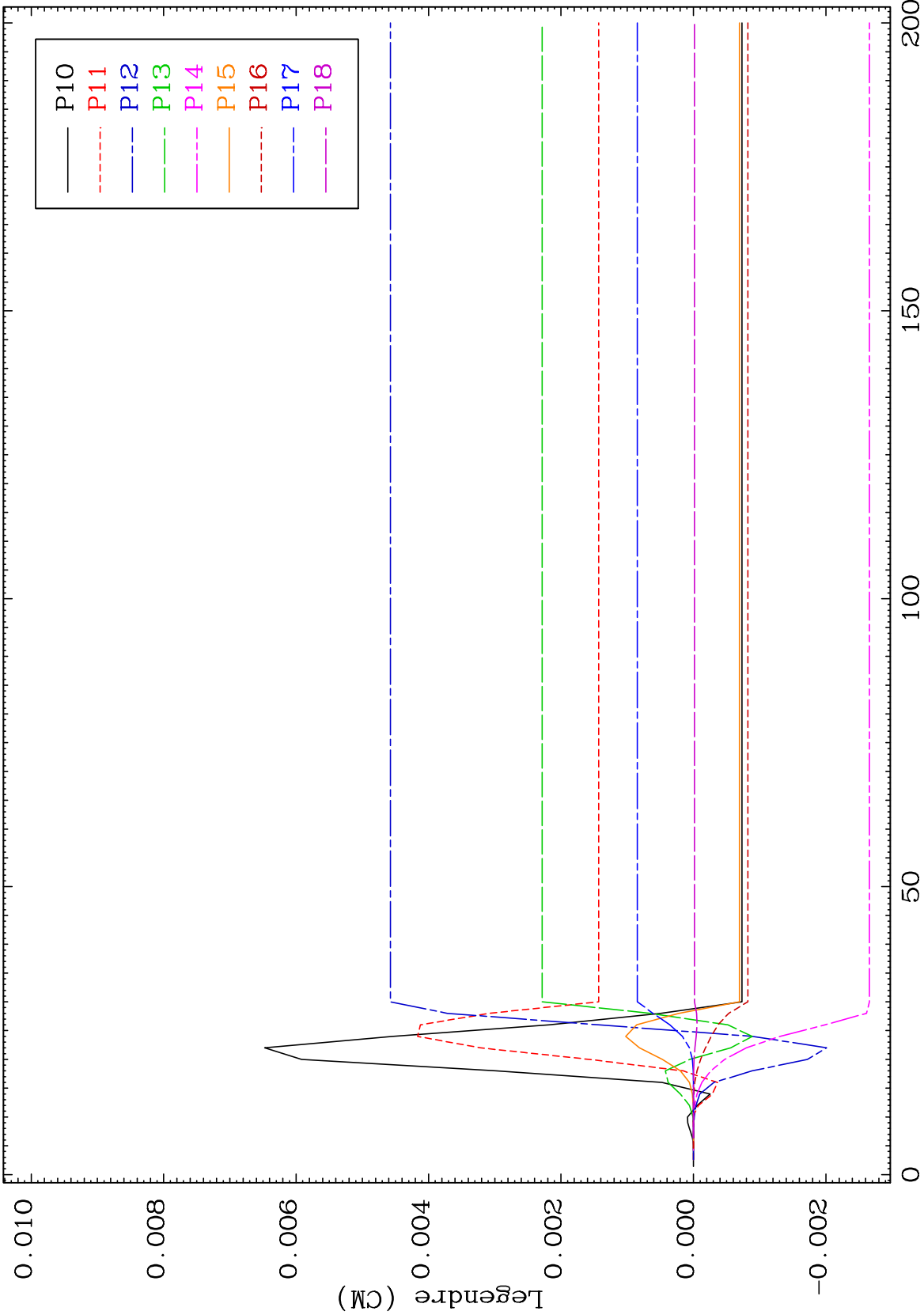




MAT 7098

MT= 71 (n,n') Level
Legendre Coefficients

71-Lu-166



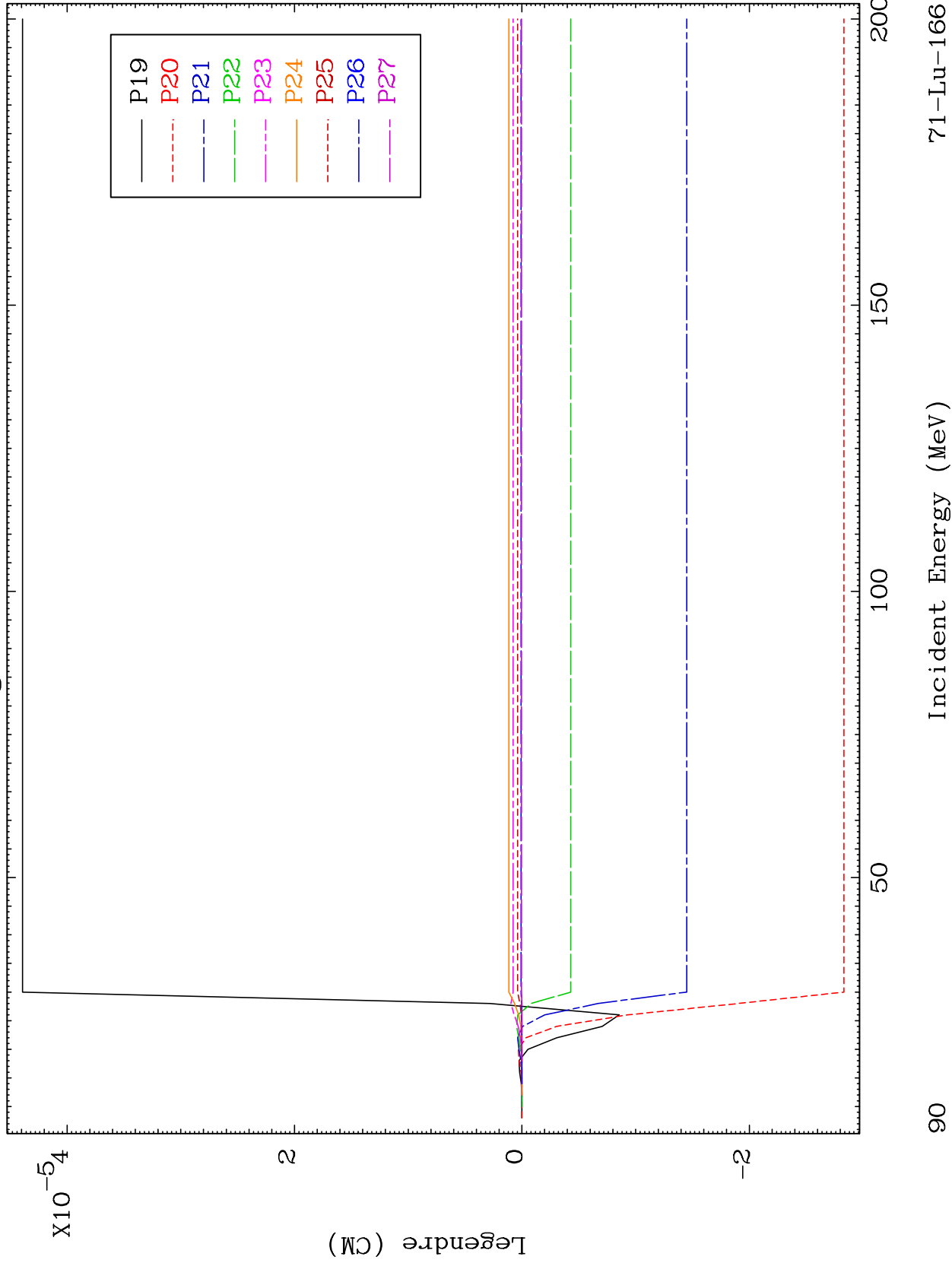
89

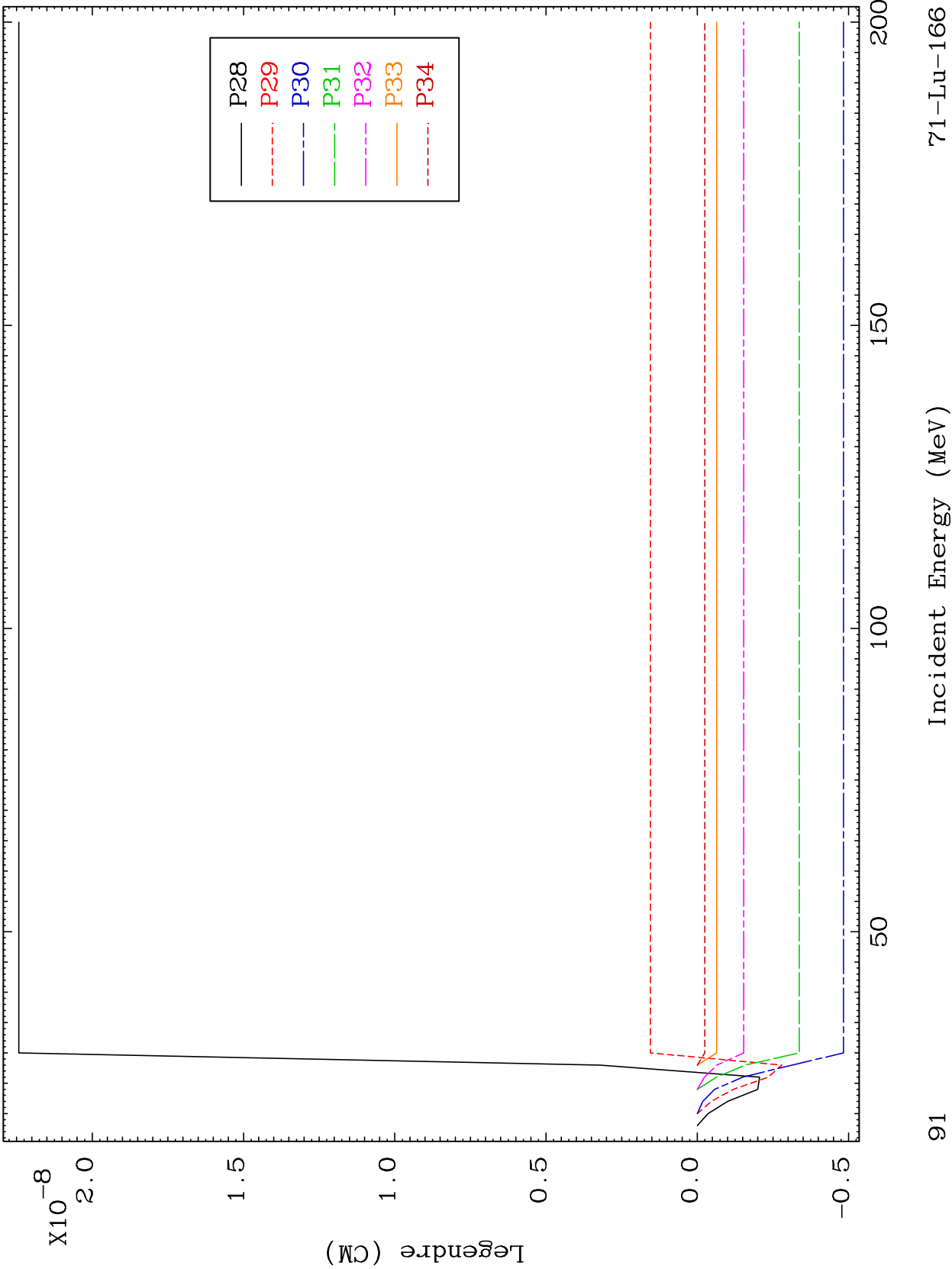
71-Lu-166

MAT 7098

MT= 71 (n,n') Level
Legendre Coefficients

71-Lu-166

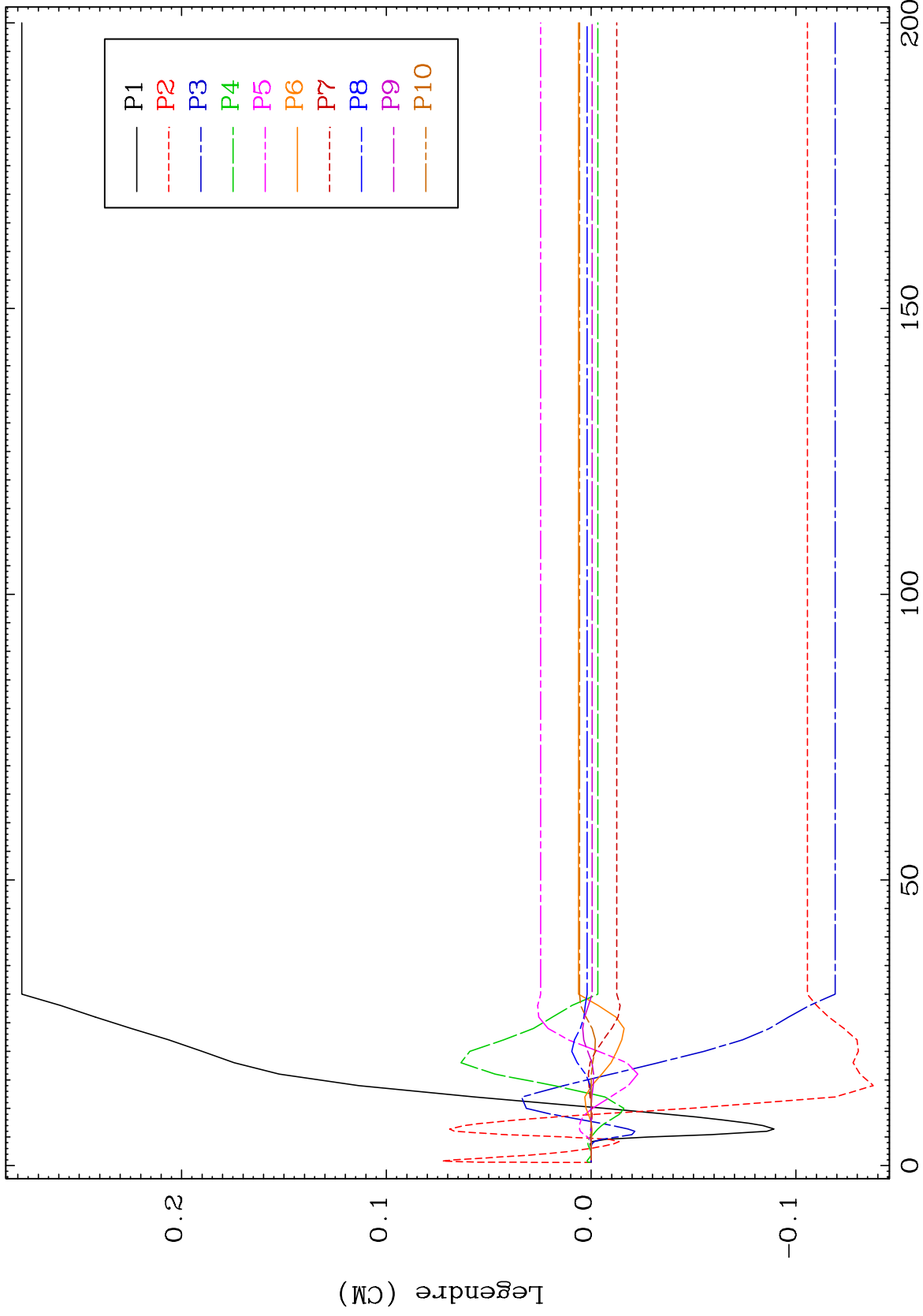




MAT 7098

MT= 72 (n,n') Level
Legendre Coefficients

71-Lu-166



92

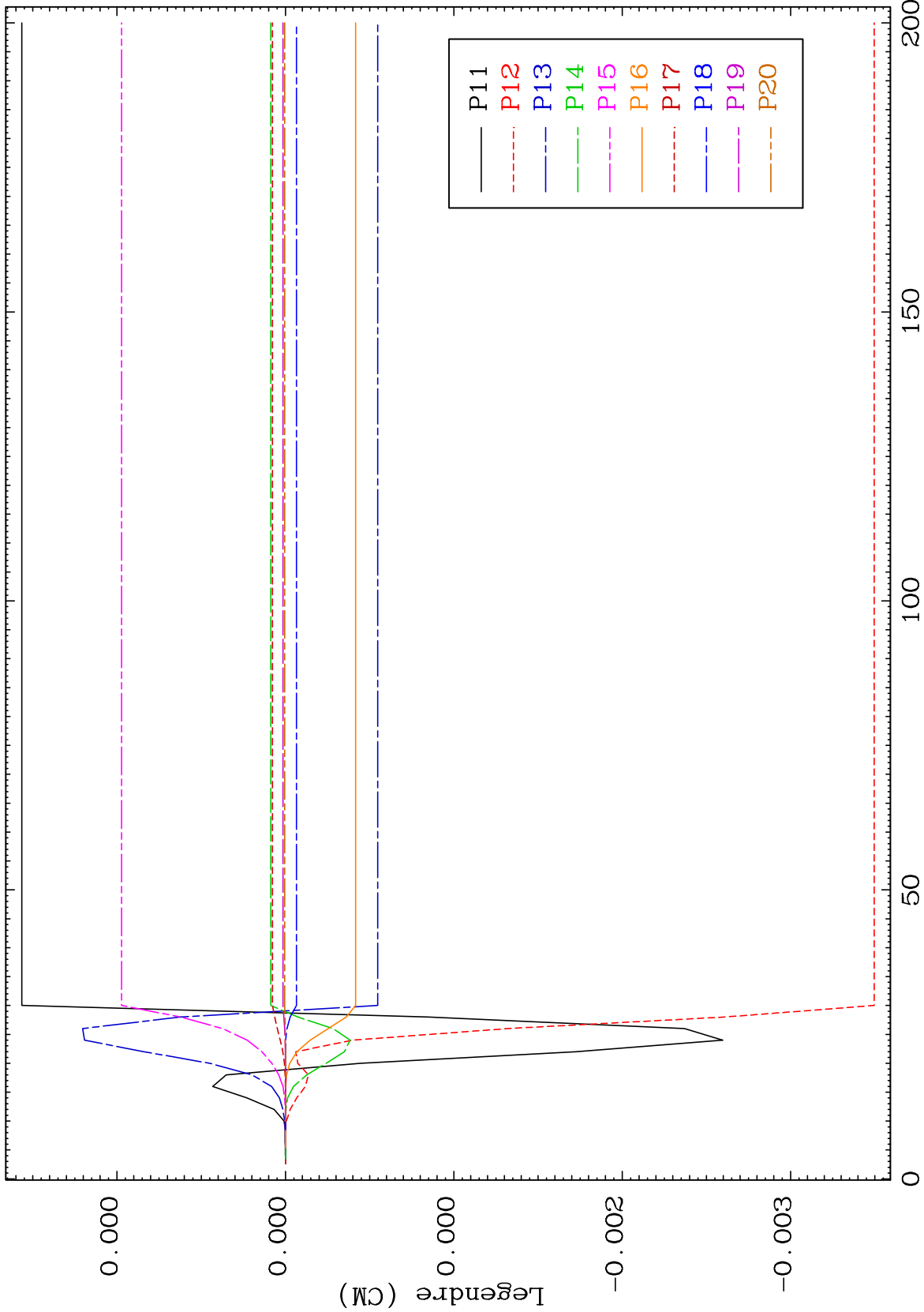
Incident Energy (MeV)

71-Lu-166

MAT 7098

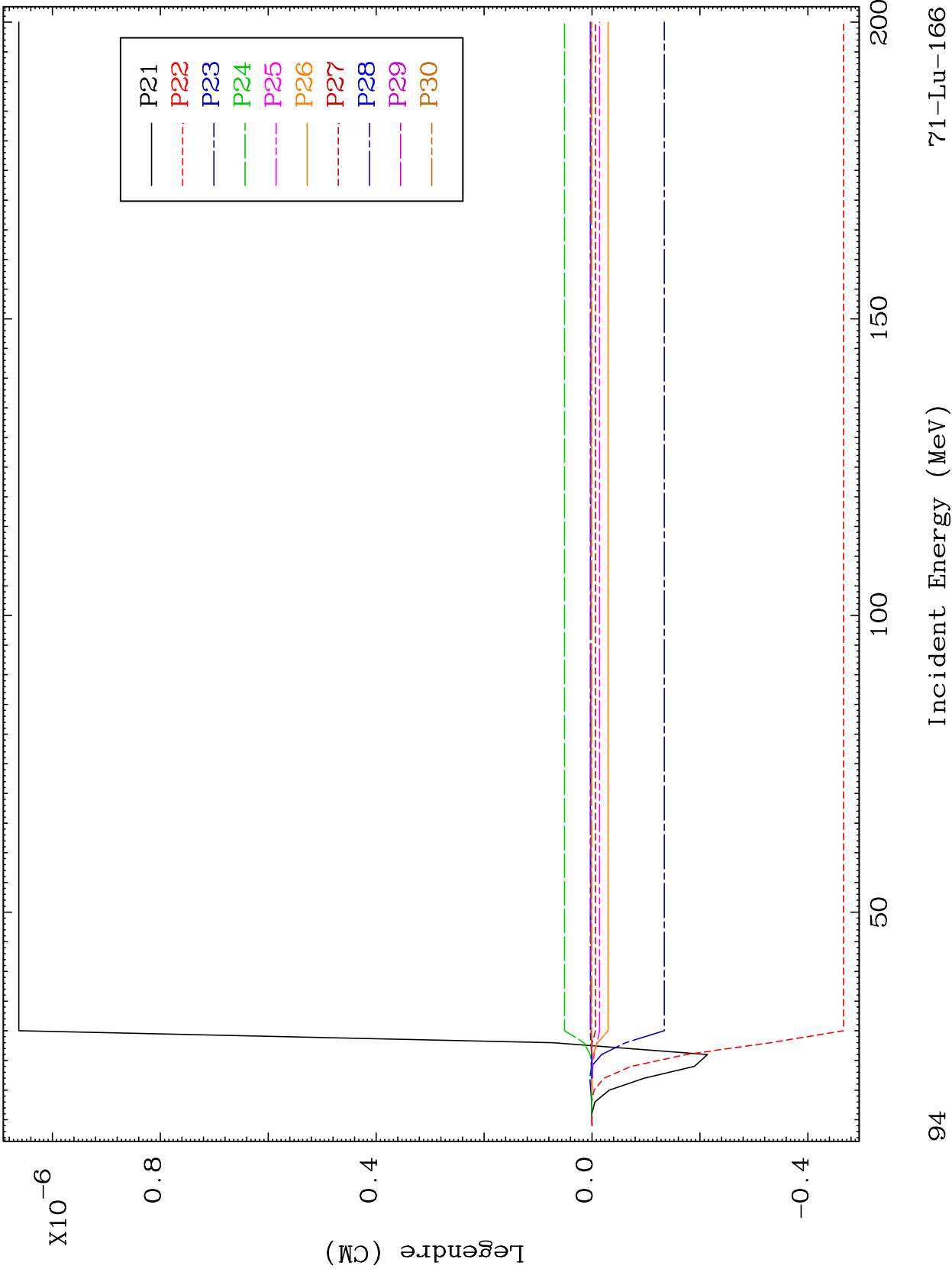
MT= 72 (n,n') Level
Legendre Coefficients

71-Lu-166



93

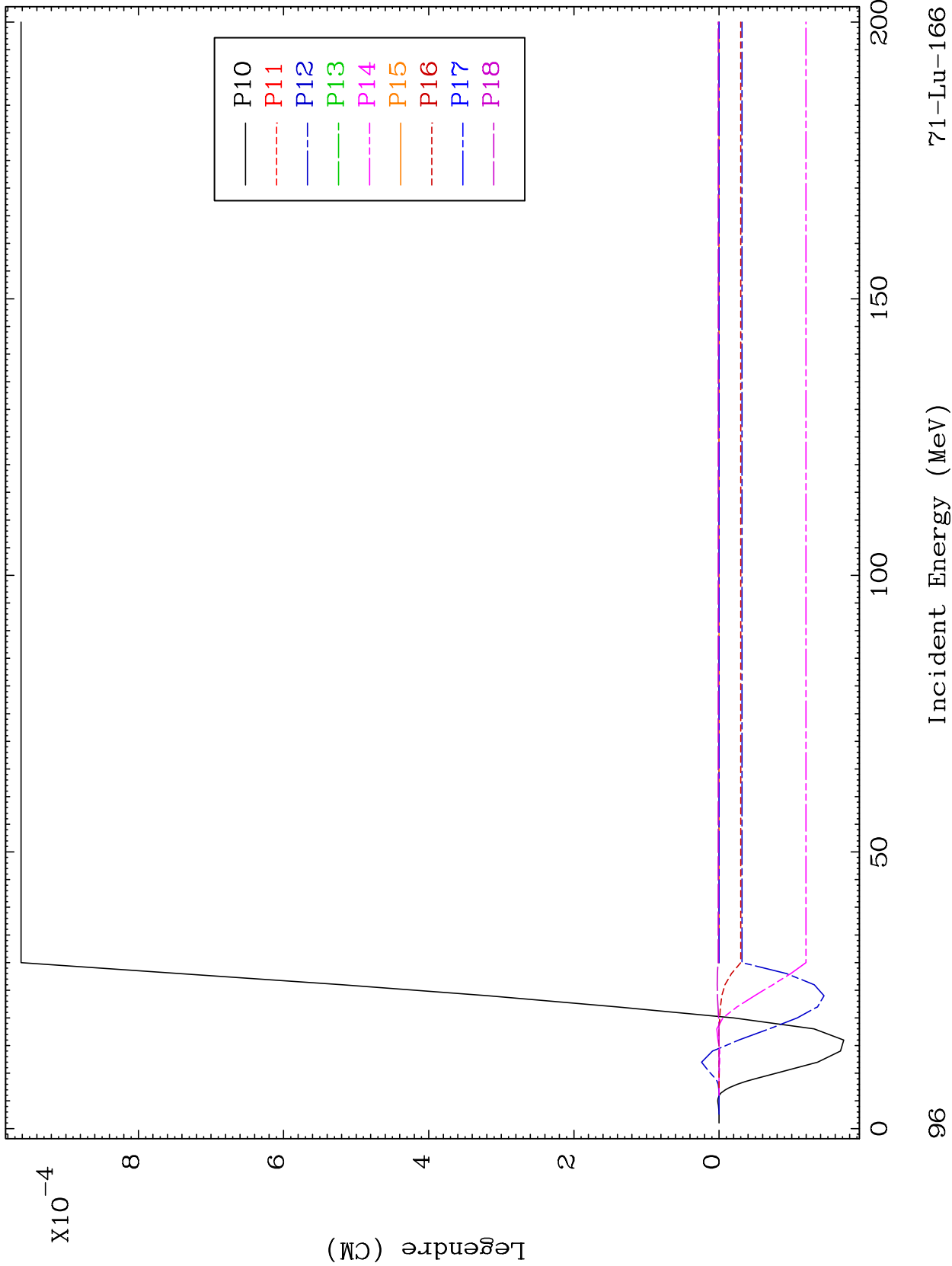
71-Lu-166



MAT 7098

MT= 73 (n,n') Level
Legendre Coefficients

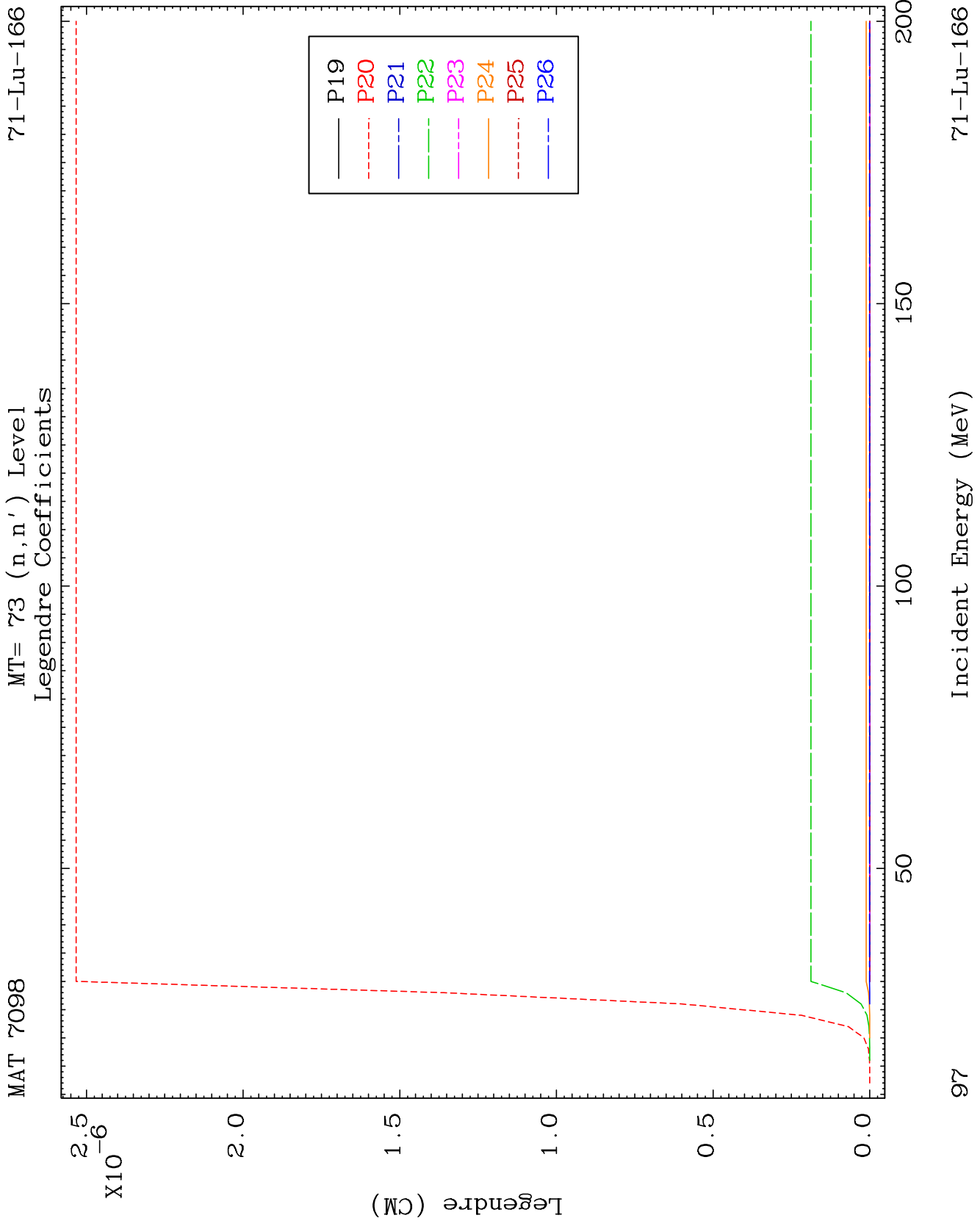
71-Lu-166



71-Lu-166

Incident Energy (MeV)

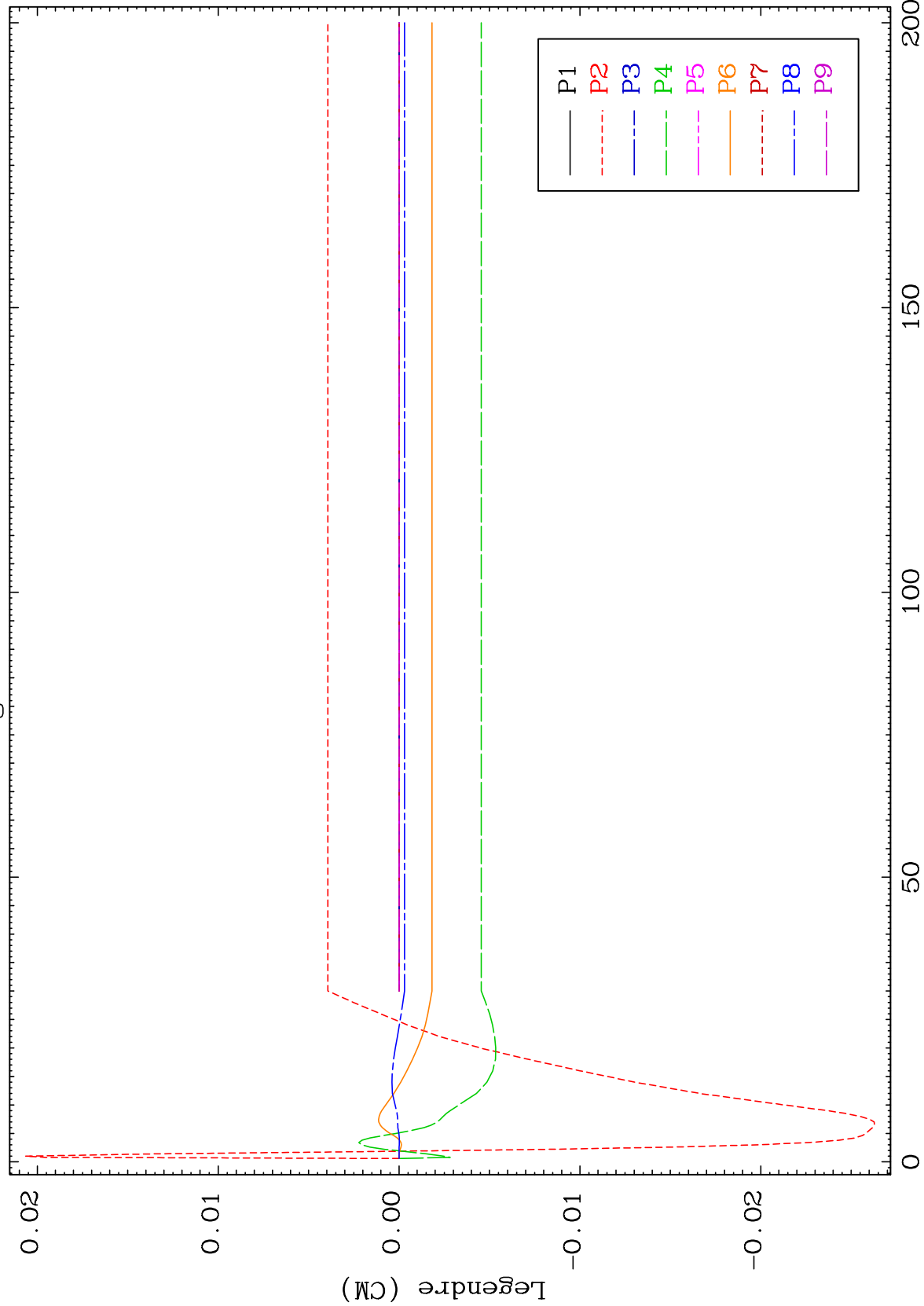
96



MAT 7098

MT= 74 (n,n') Level
Legendre Coefficients

71-Lu-166



98

Incident Energy (MeV)

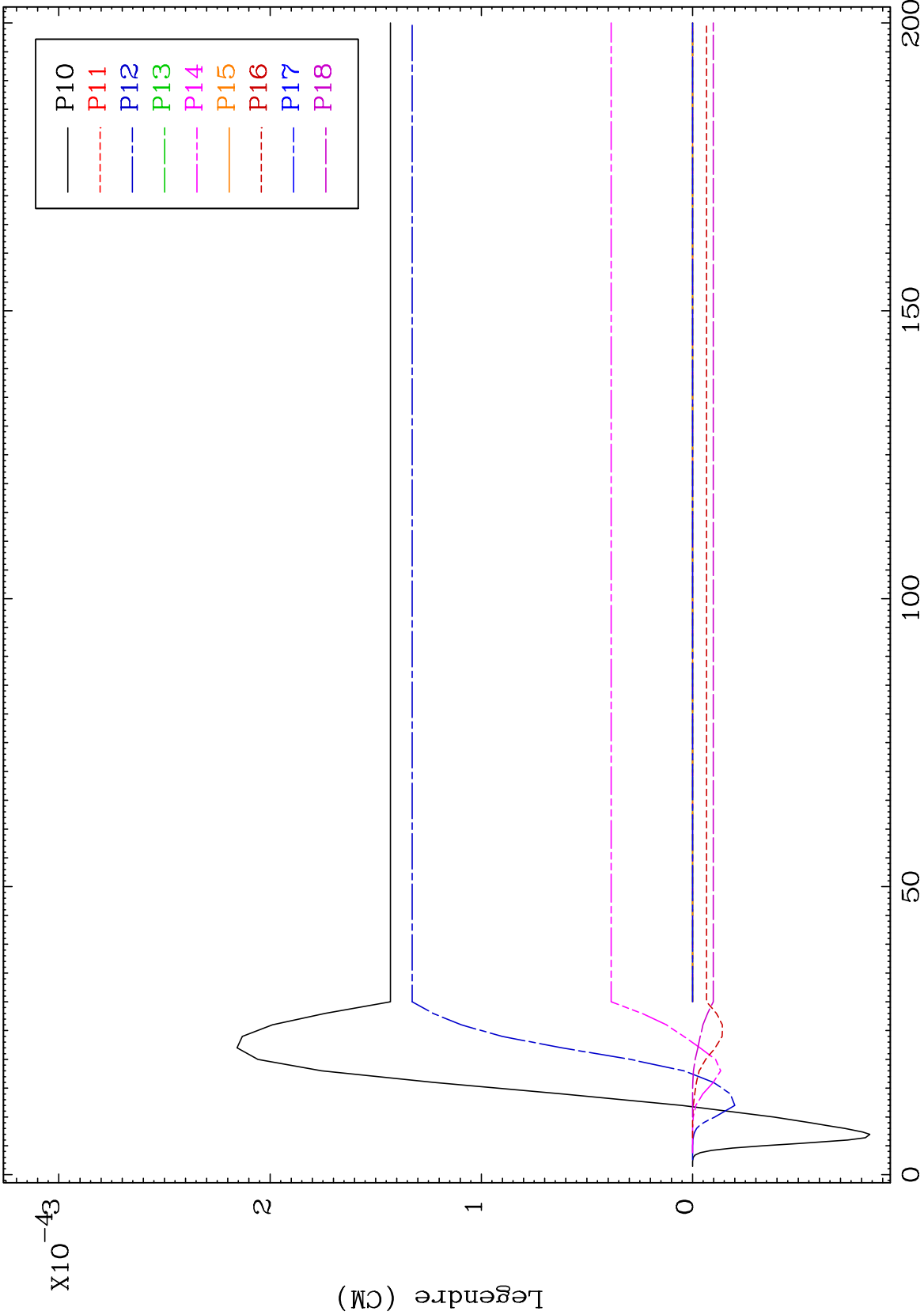
71-Lu-166

MAT 7098

MT= 74 (n,n') Level
Legendre Coefficients

71-Lu-166

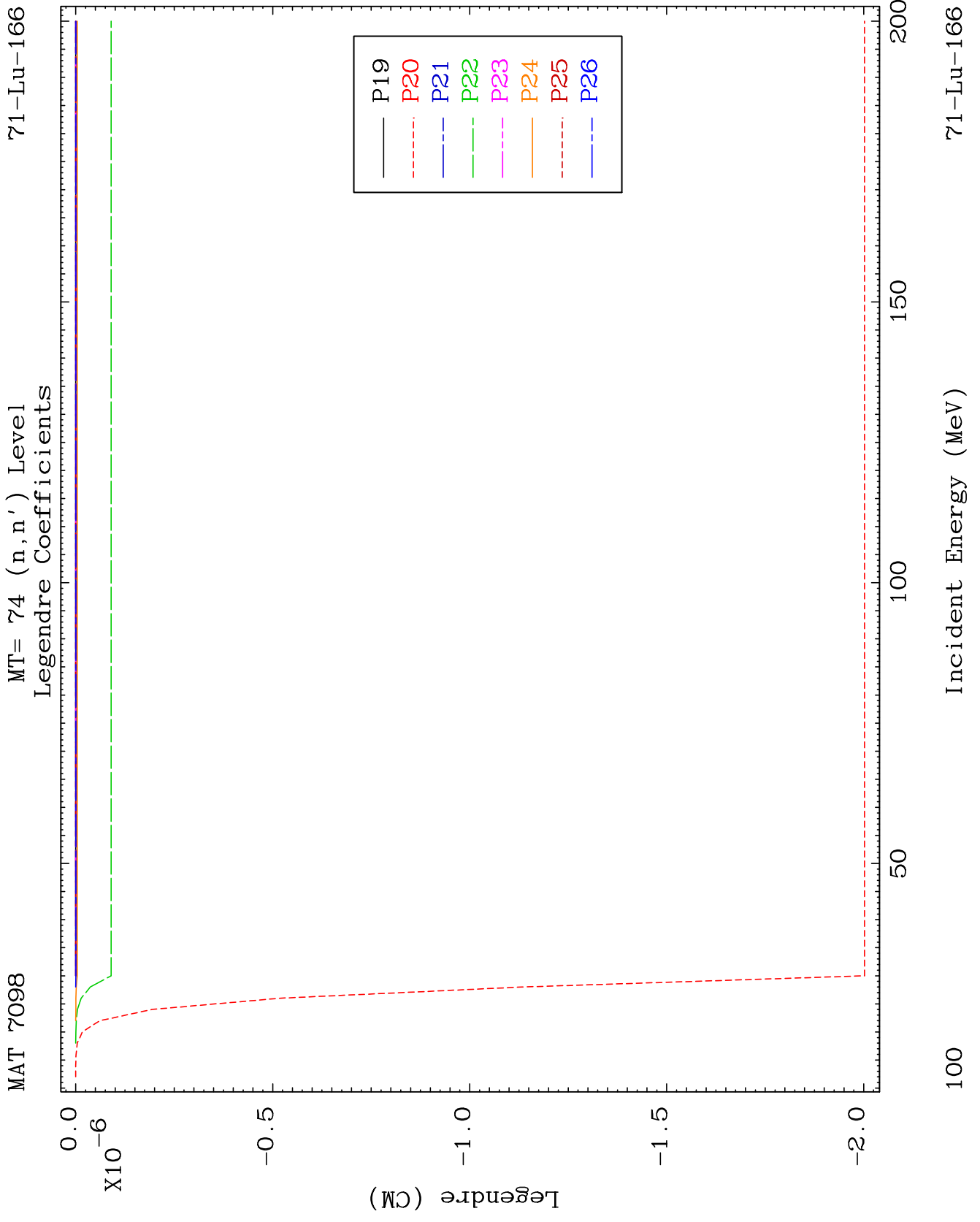
$\times 10^{-43}$



99

Incident Energy (MeV)

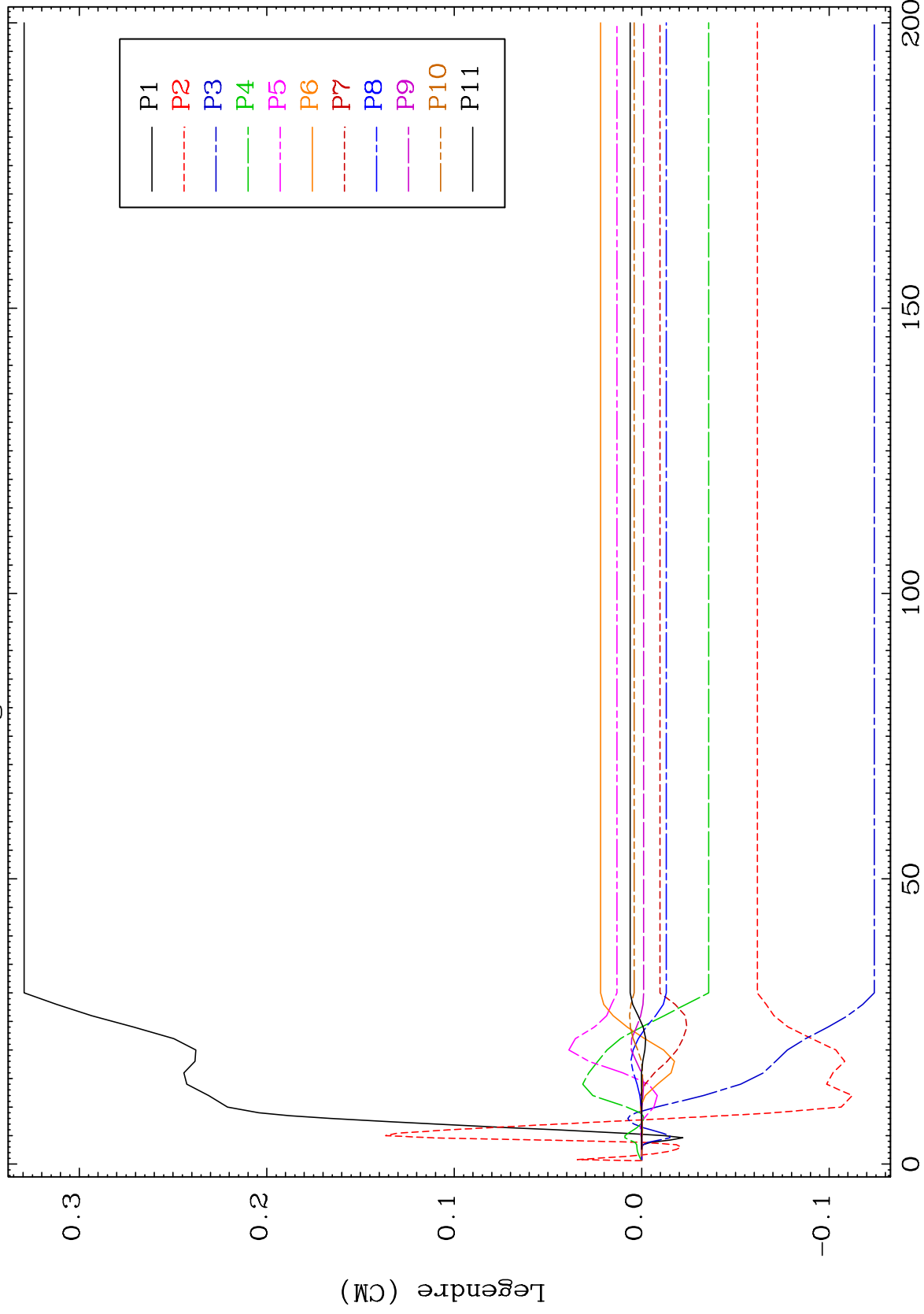
71-Lu-166



MAT 7098

MT= 75 (n,n') Level
Legendre Coefficients

71-Lu-166



101

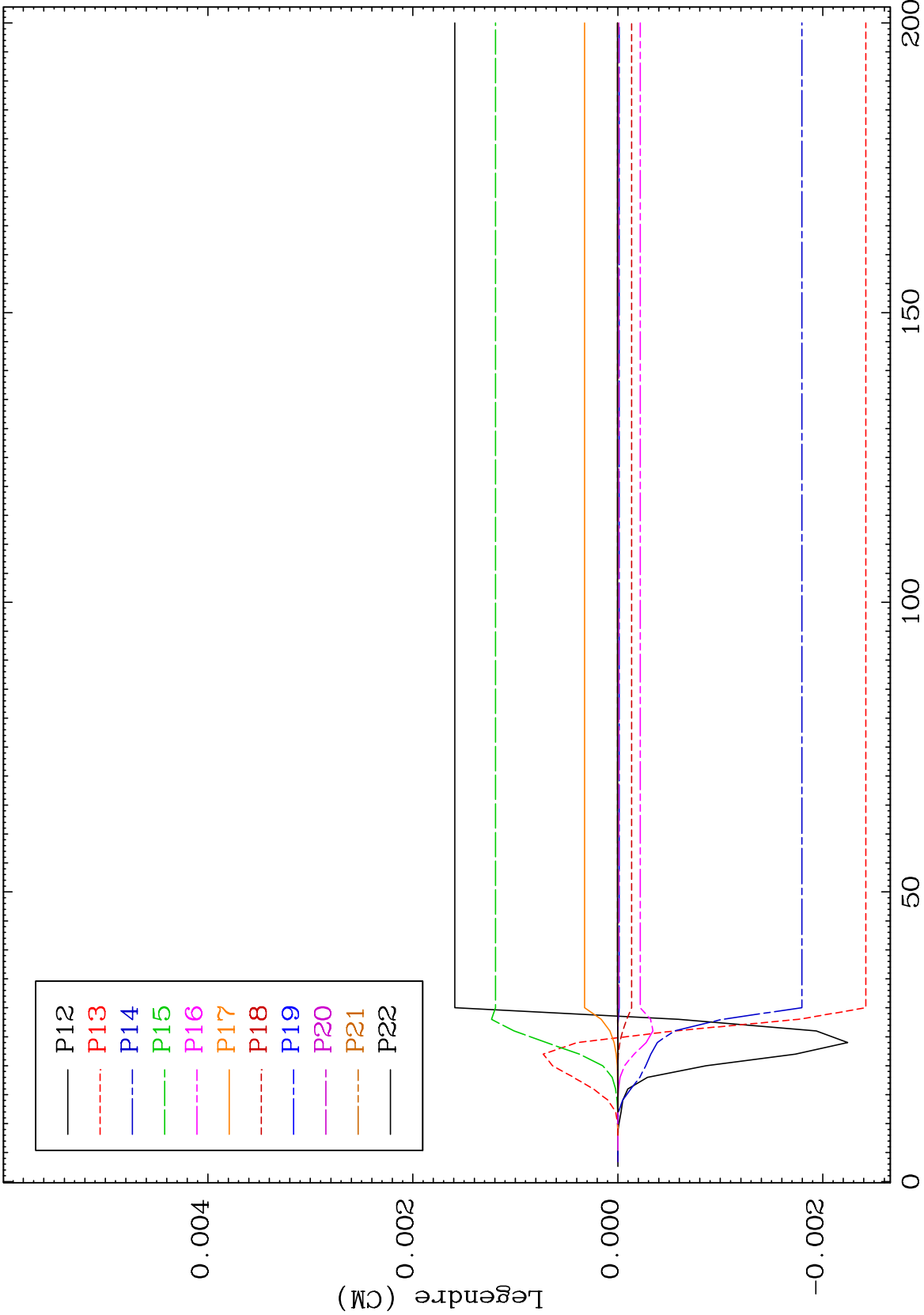
Incident Energy (MeV)

71-Lu-166

MAT 7098

MT= 75 (n,n') Level
Legendre Coefficients

71-Lu-166



102

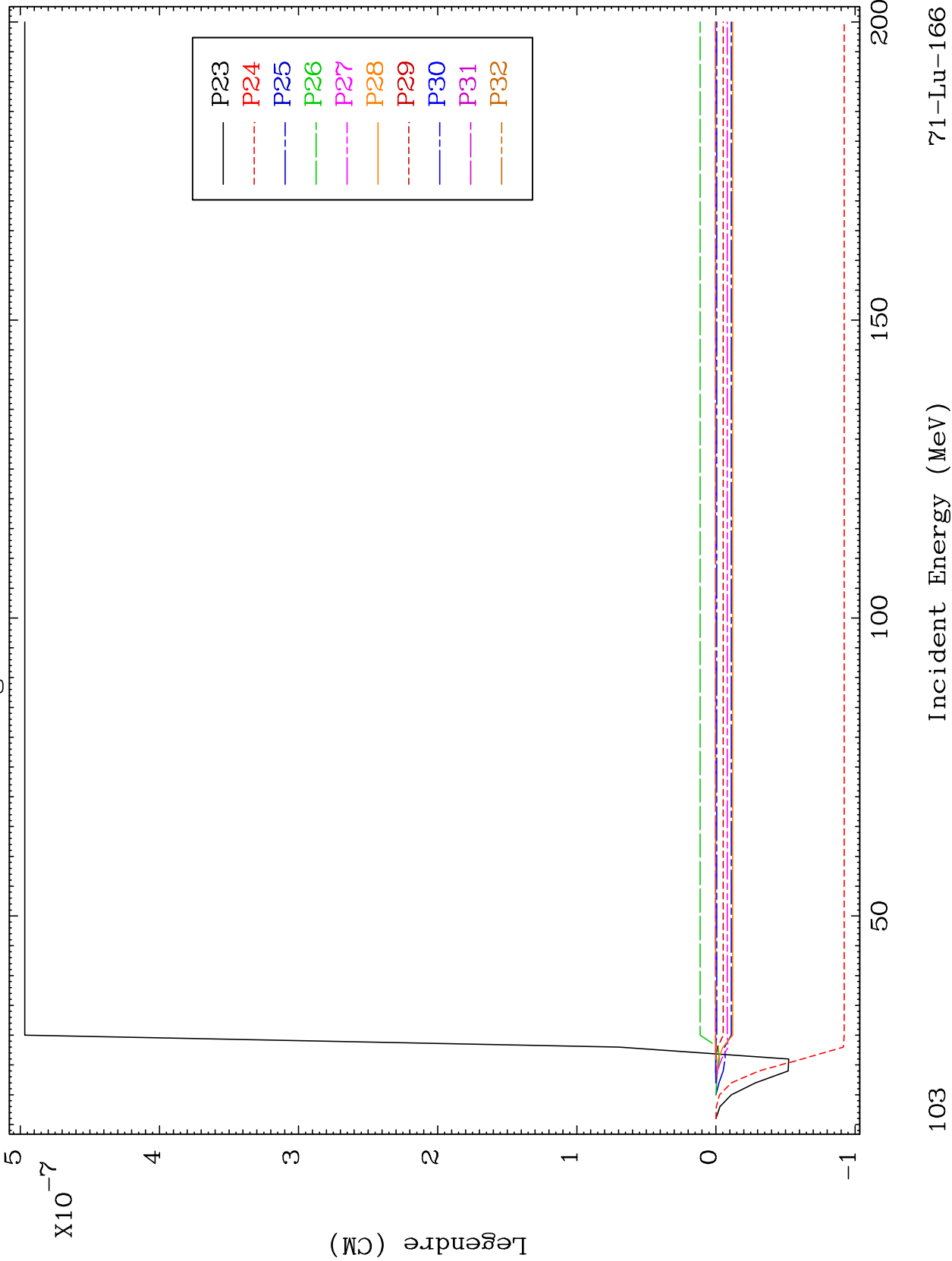
Incident Energy (MeV)

71-Lu-166

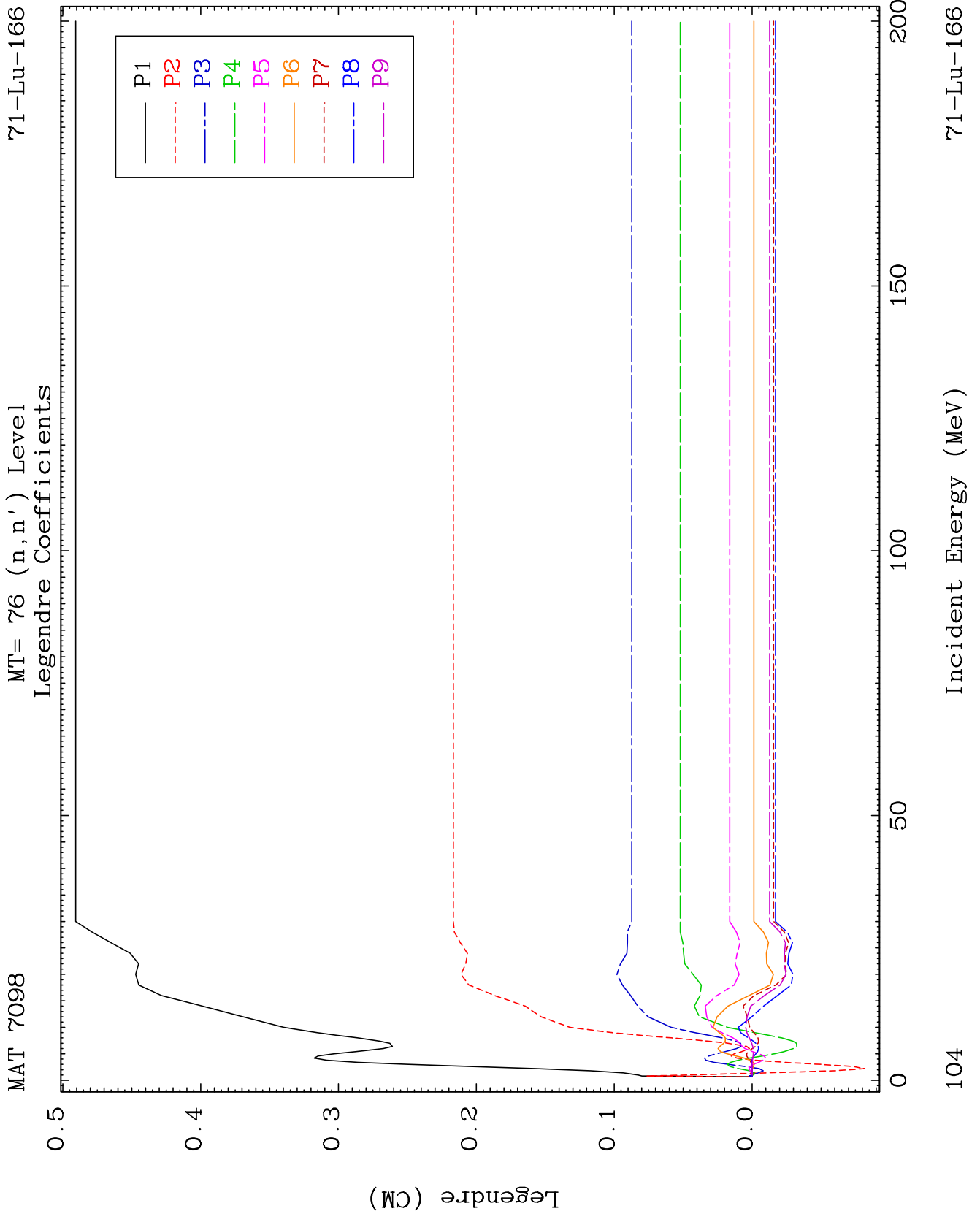
MAT 7098

MT= 75 (n,n') Level
Legendre Coefficients

71-Lu-166



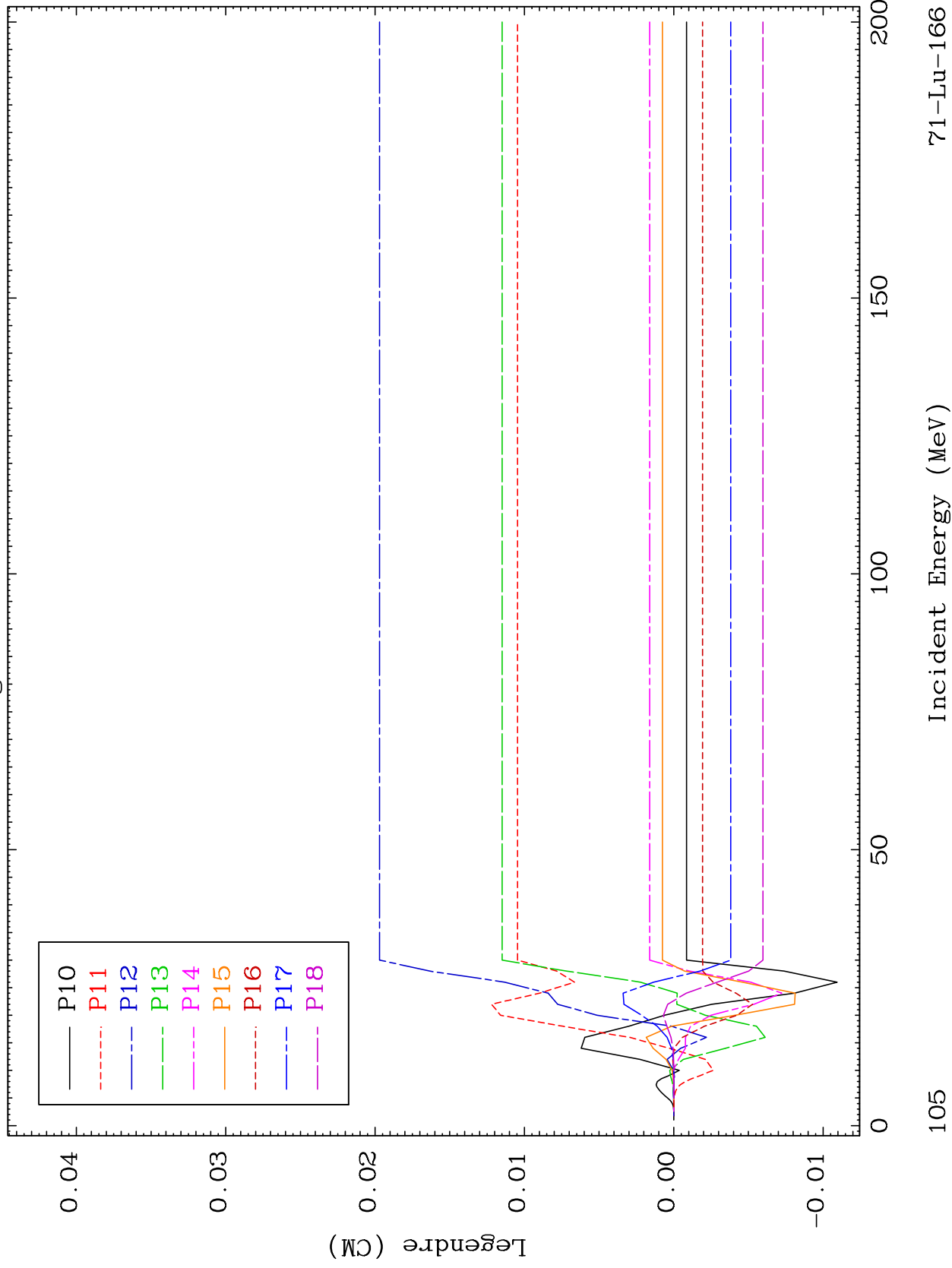
71-Lu-166



MAT 7098

MT= 76 (n,n') Level
Legendre Coefficients

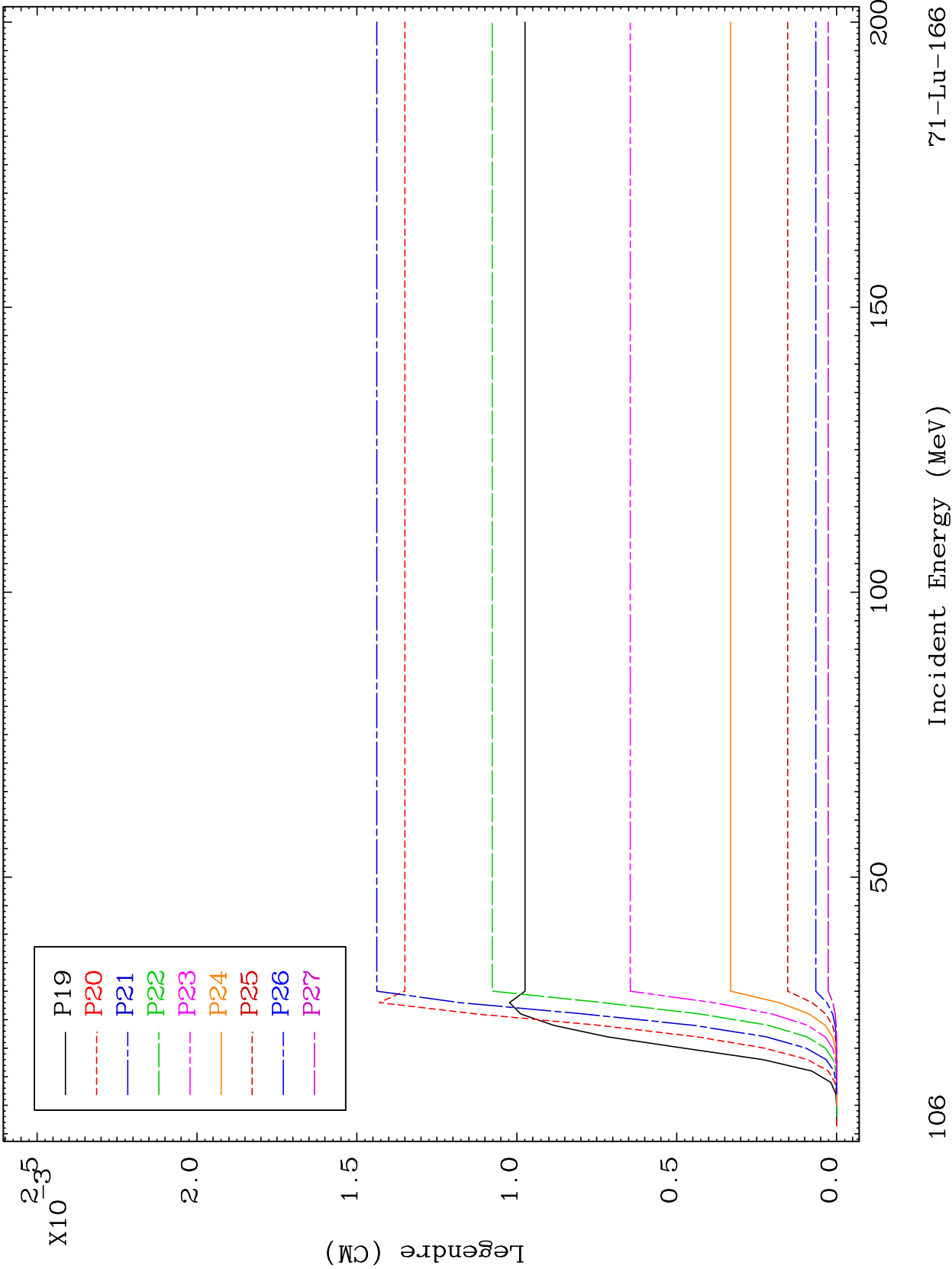
71-Lu-166



105

Incident Energy (MeV)

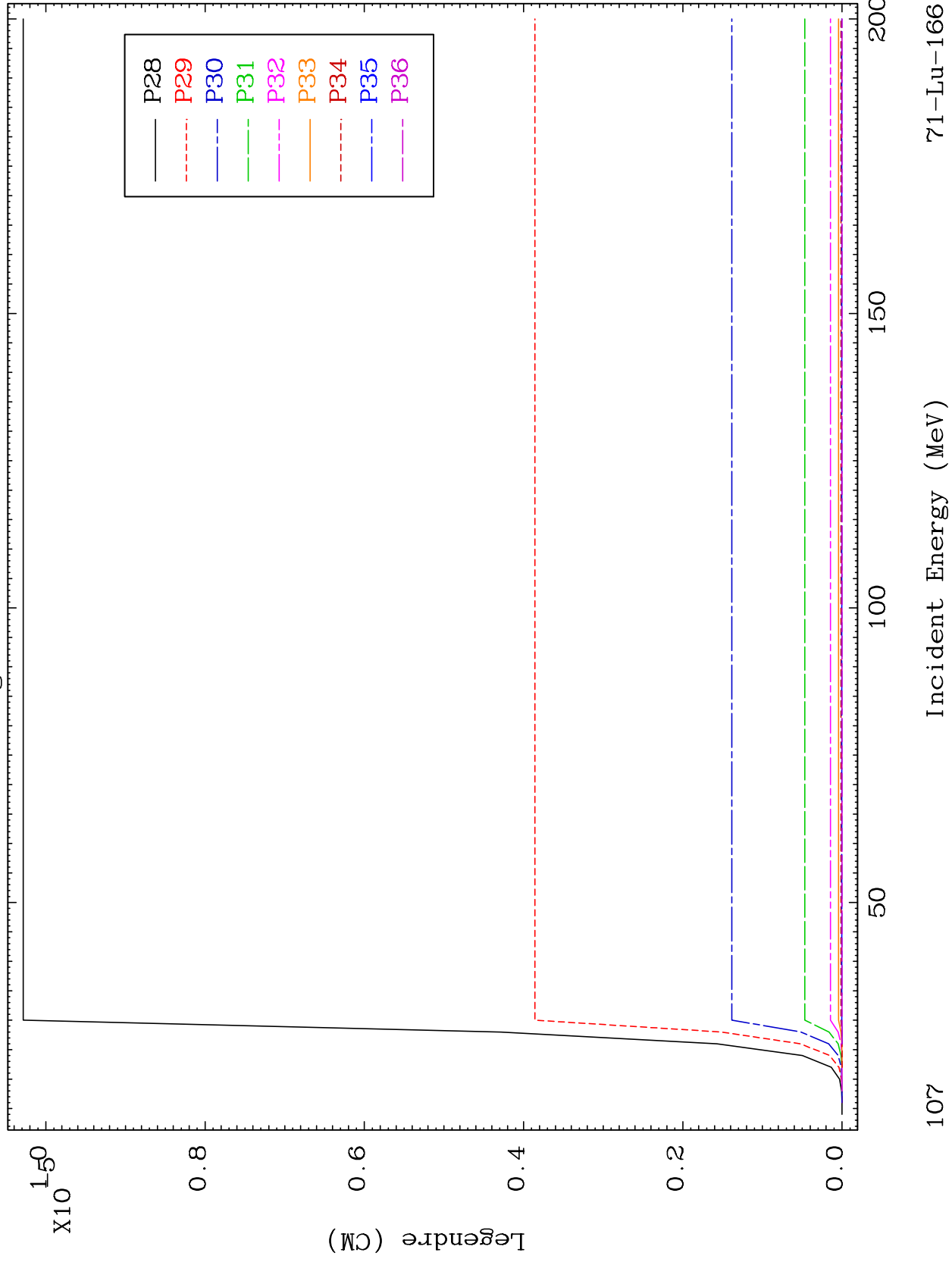
71-Lu-166



MAT 7098

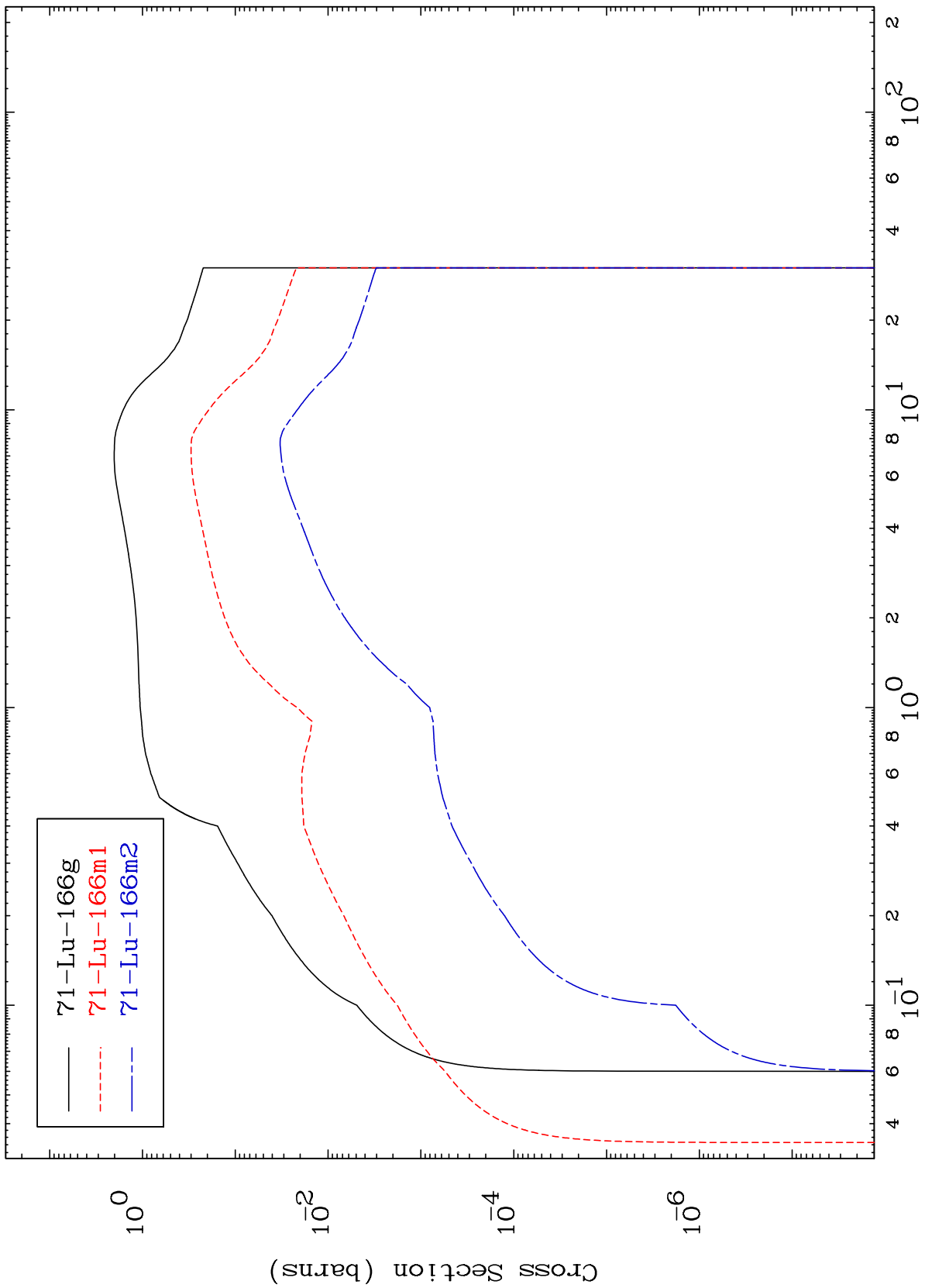
MT= 76 (n,n') Level
Legendre Coefficients

71-Lu-166



107

Radionuclide Production Cross Section



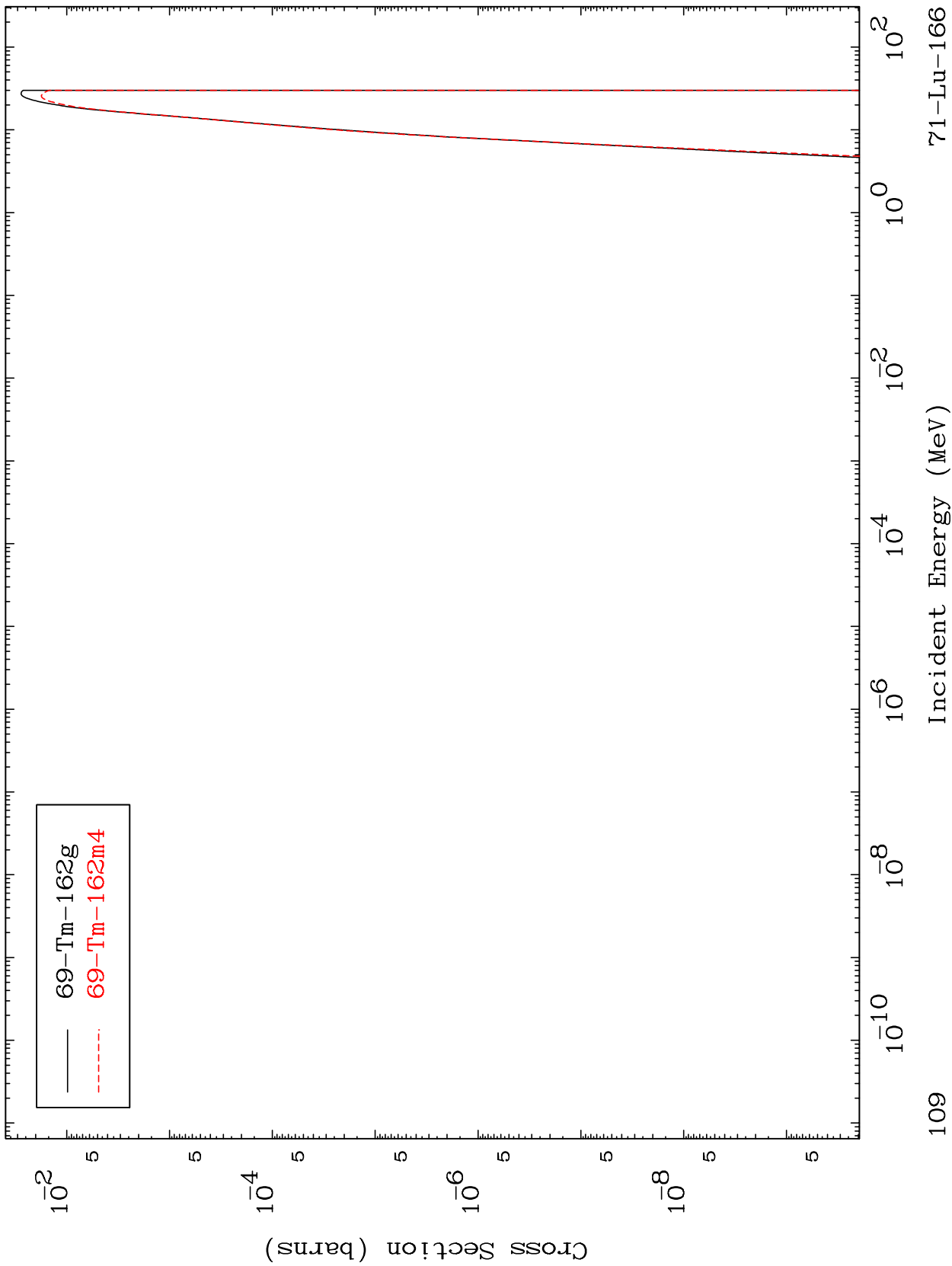
71-Lu-166g
71-Lu-166m1
71-Lu-166m2

MAT 7098

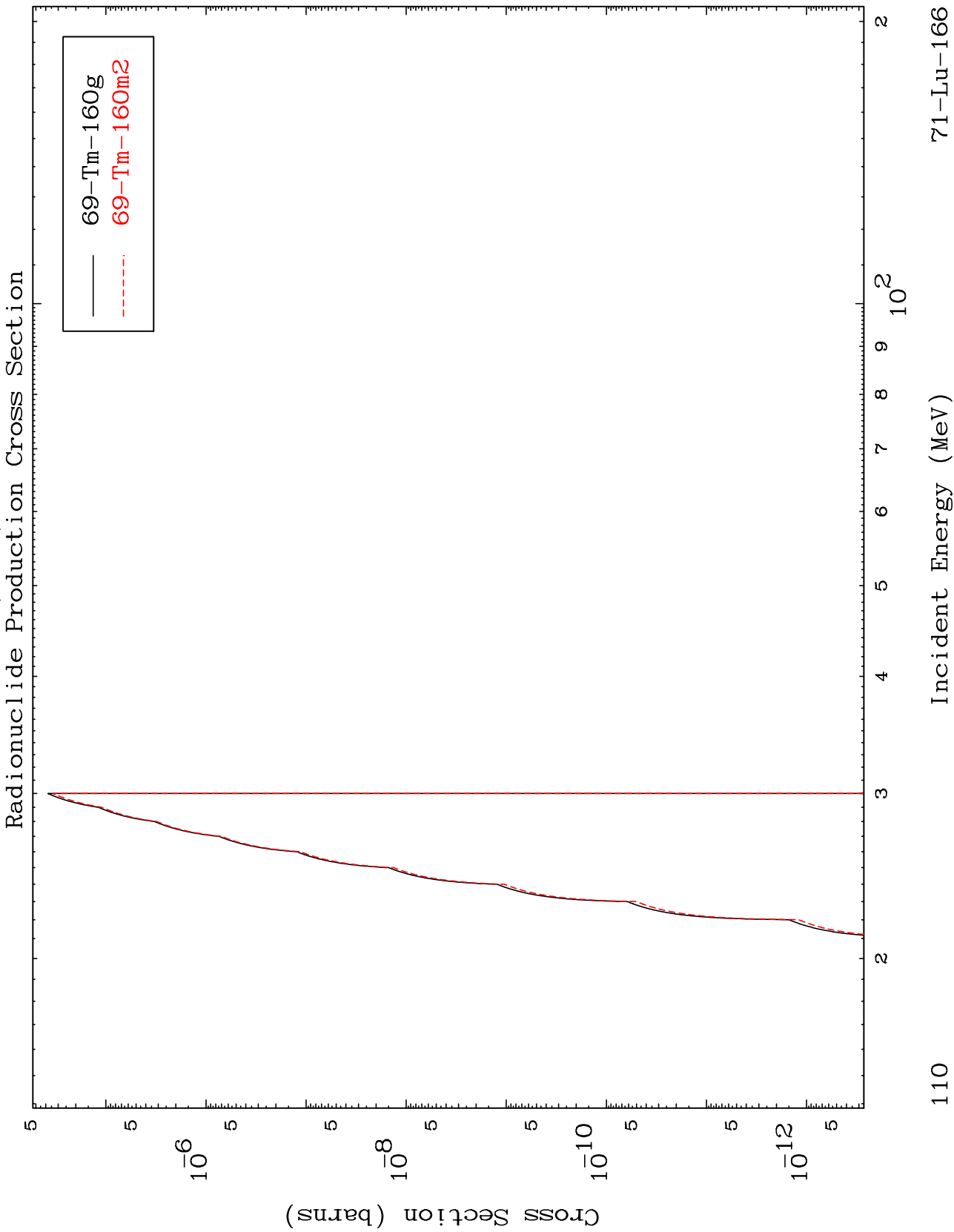
$(n, n') \alpha$

⁷¹Lu-166

Radionuclide Production Cross Section



— 69-Tm-162g
- - - 69-Tm-162m4

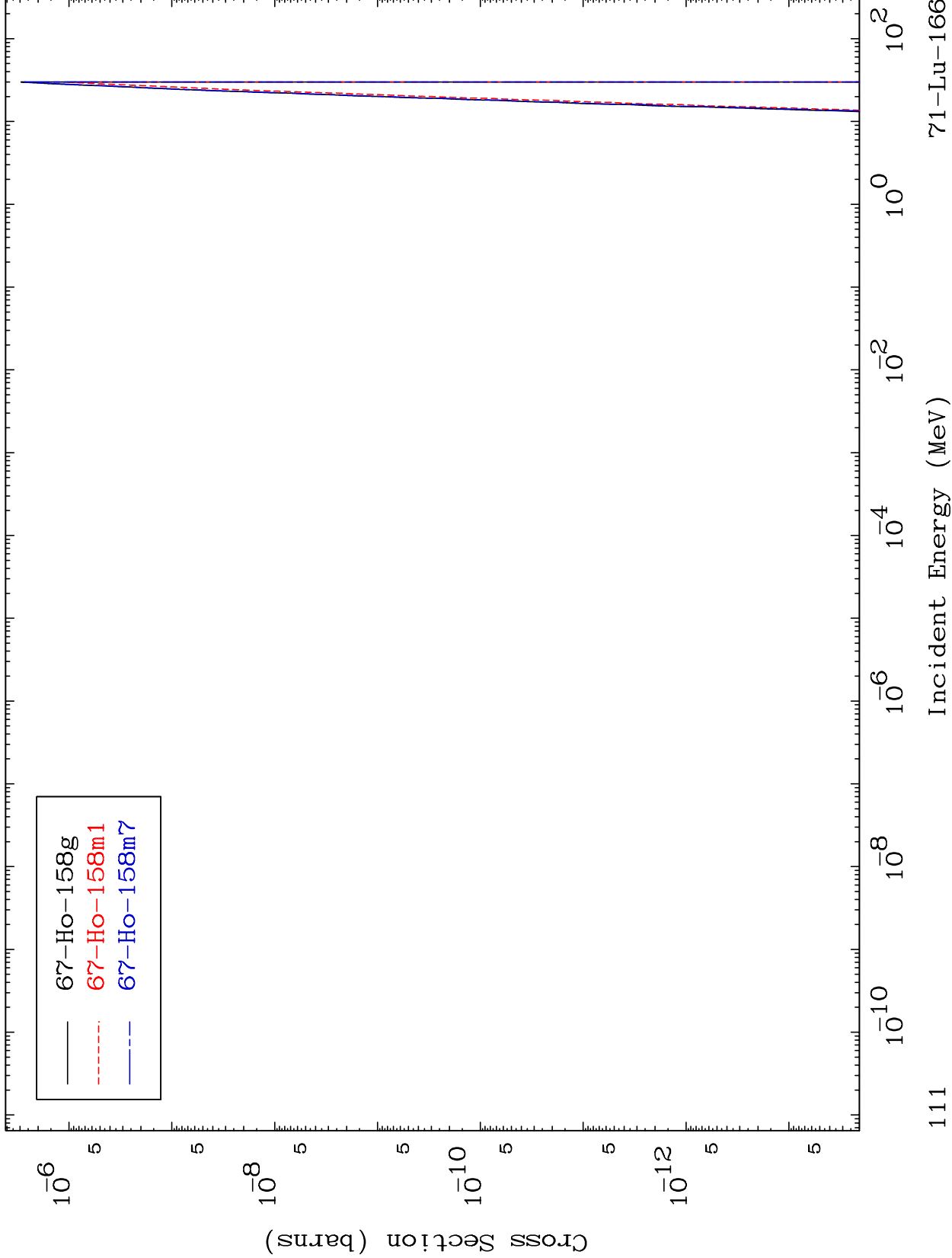


MAT 7098

(n,n') 2 α

71-Lu-166

Radionuclide Production Cross Section

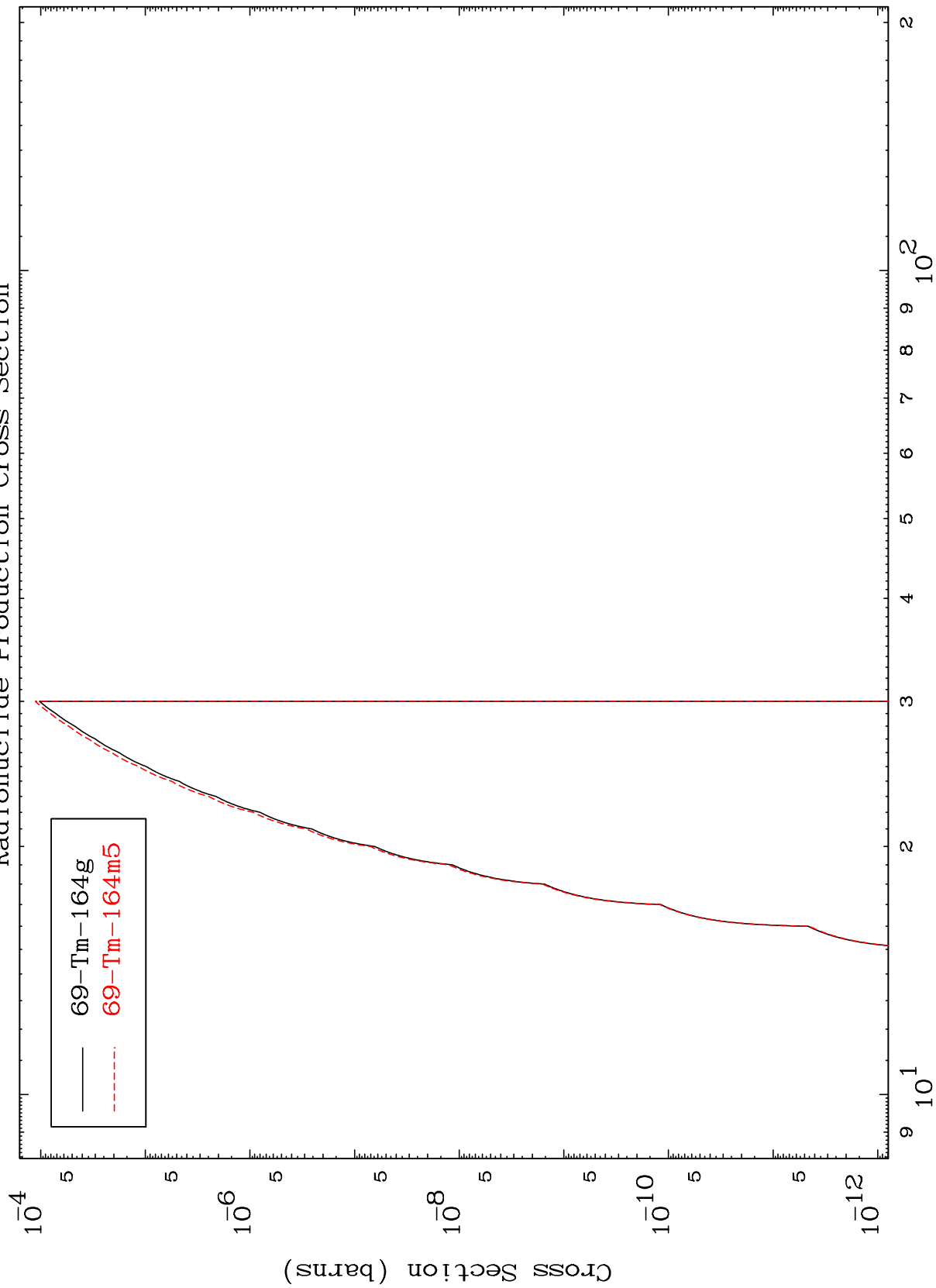


MAT 7098

(n,2n) p

71-Lu-166

Radionuclide Production Cross Section



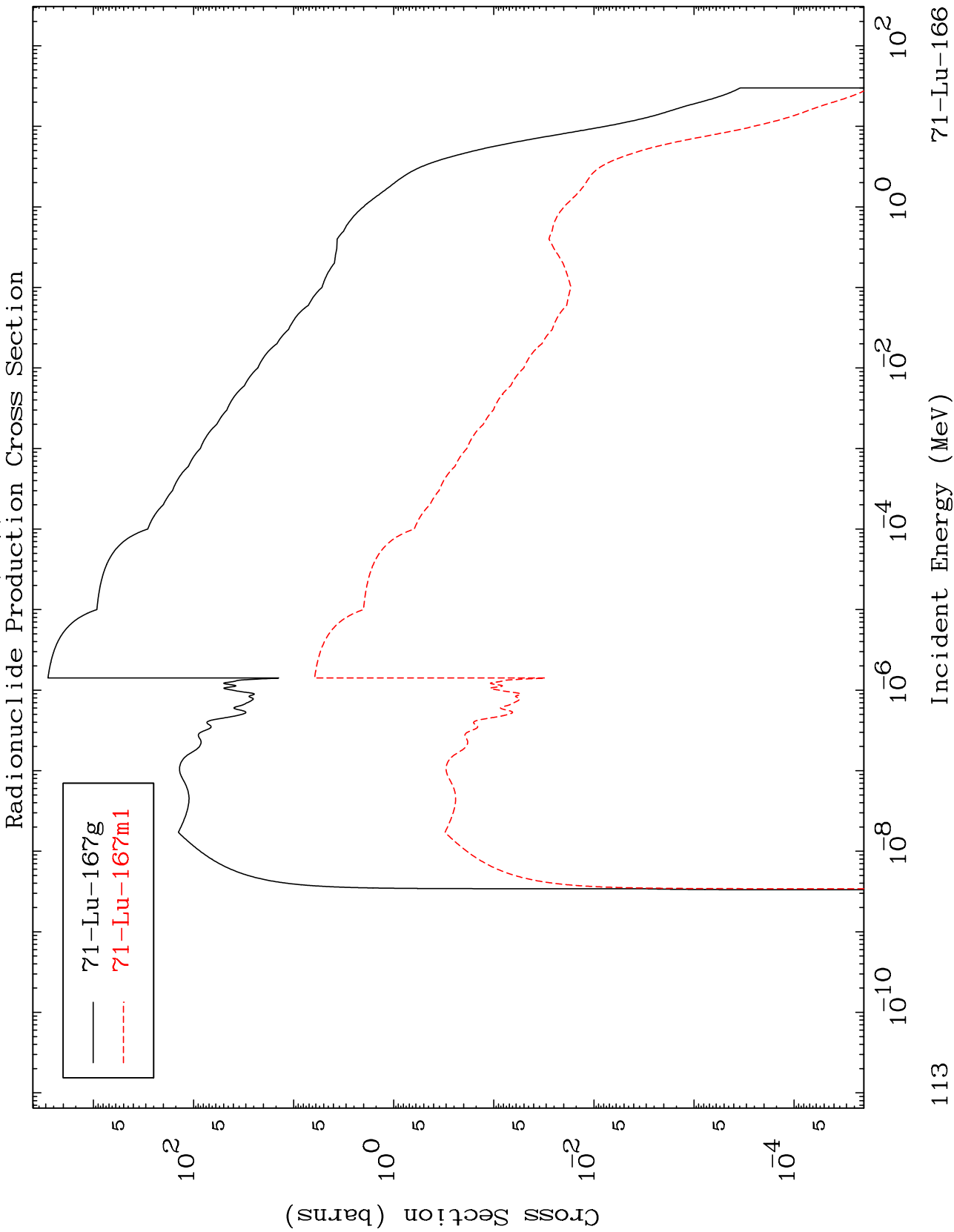
112

Incident Energy (MeV)

71-Lu-166

MAT 7098

⁷¹Lu-166



113

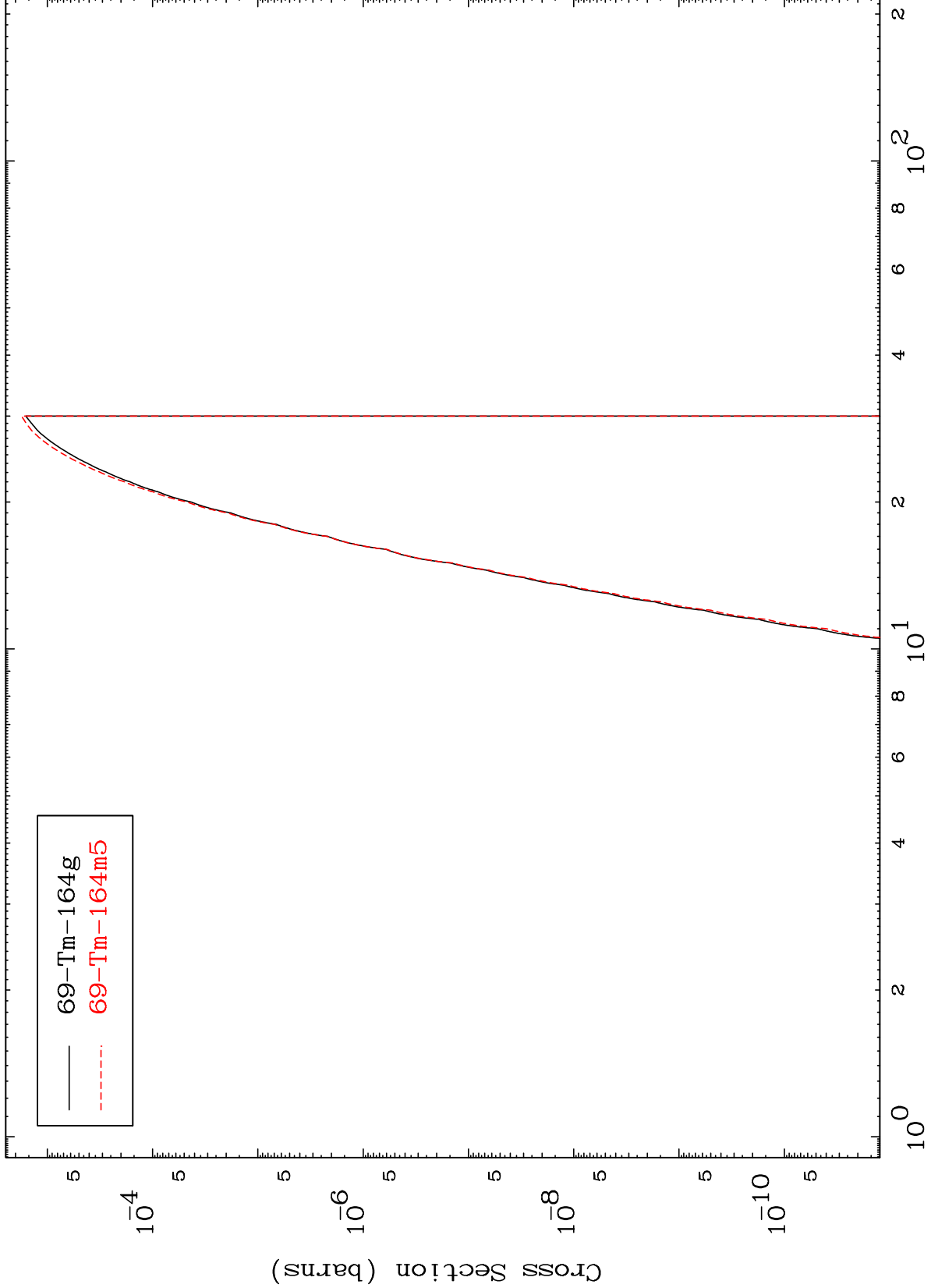
⁷¹Lu-166

MAT 7098

(n,He-3)

71-Lu-166

Radionuclide Production Cross Section



69-Tm-164g
69-Tm-164m5

114

Incident Energy (MeV)

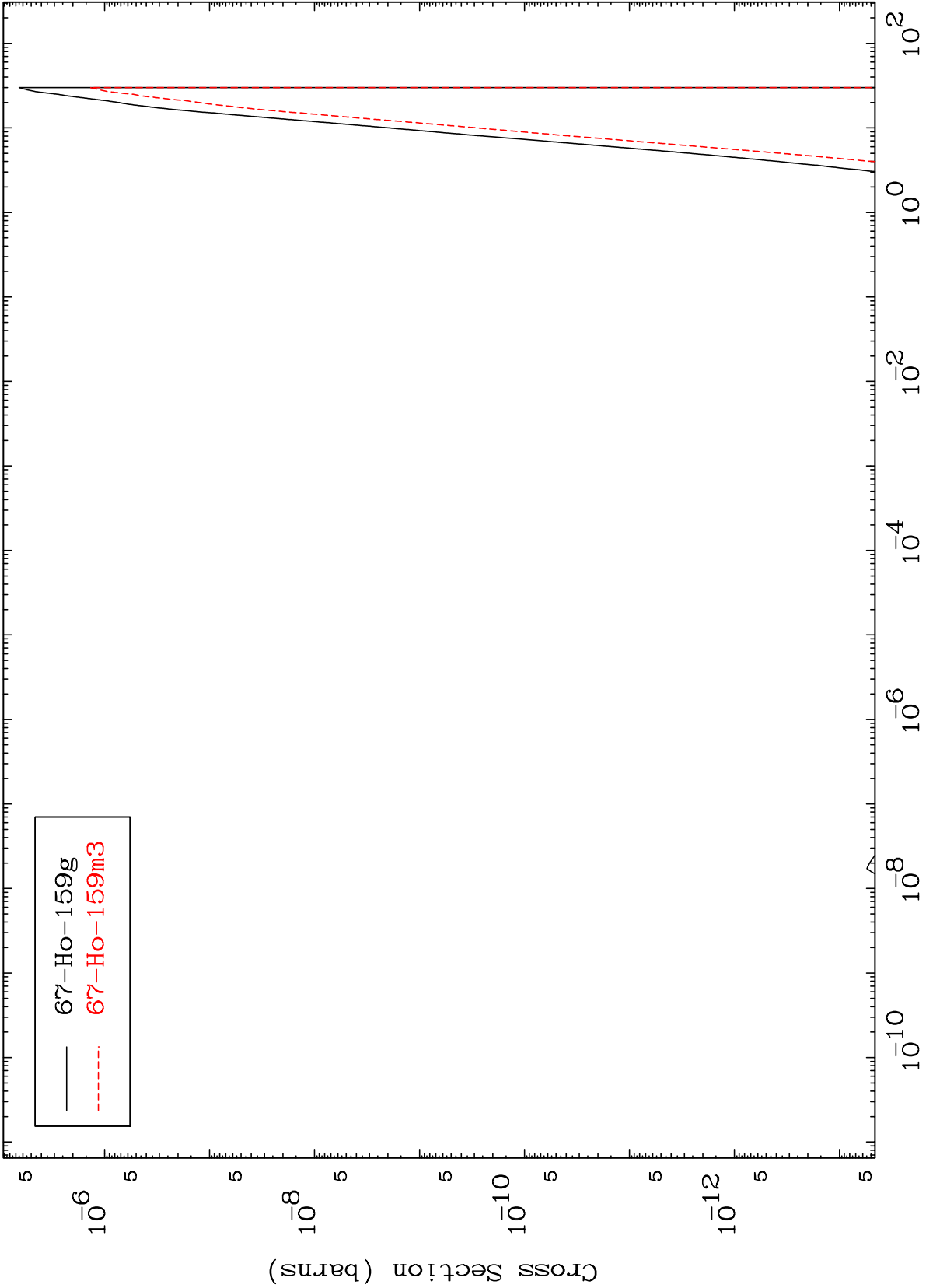
71-Lu-166

MAT 7098

(n,2α)

⁷¹Lu-166

Radionuclide Production Cross Section



115

Incident Energy (MeV)

⁷¹Lu-166

Radionuclide Production Cross Section

