

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

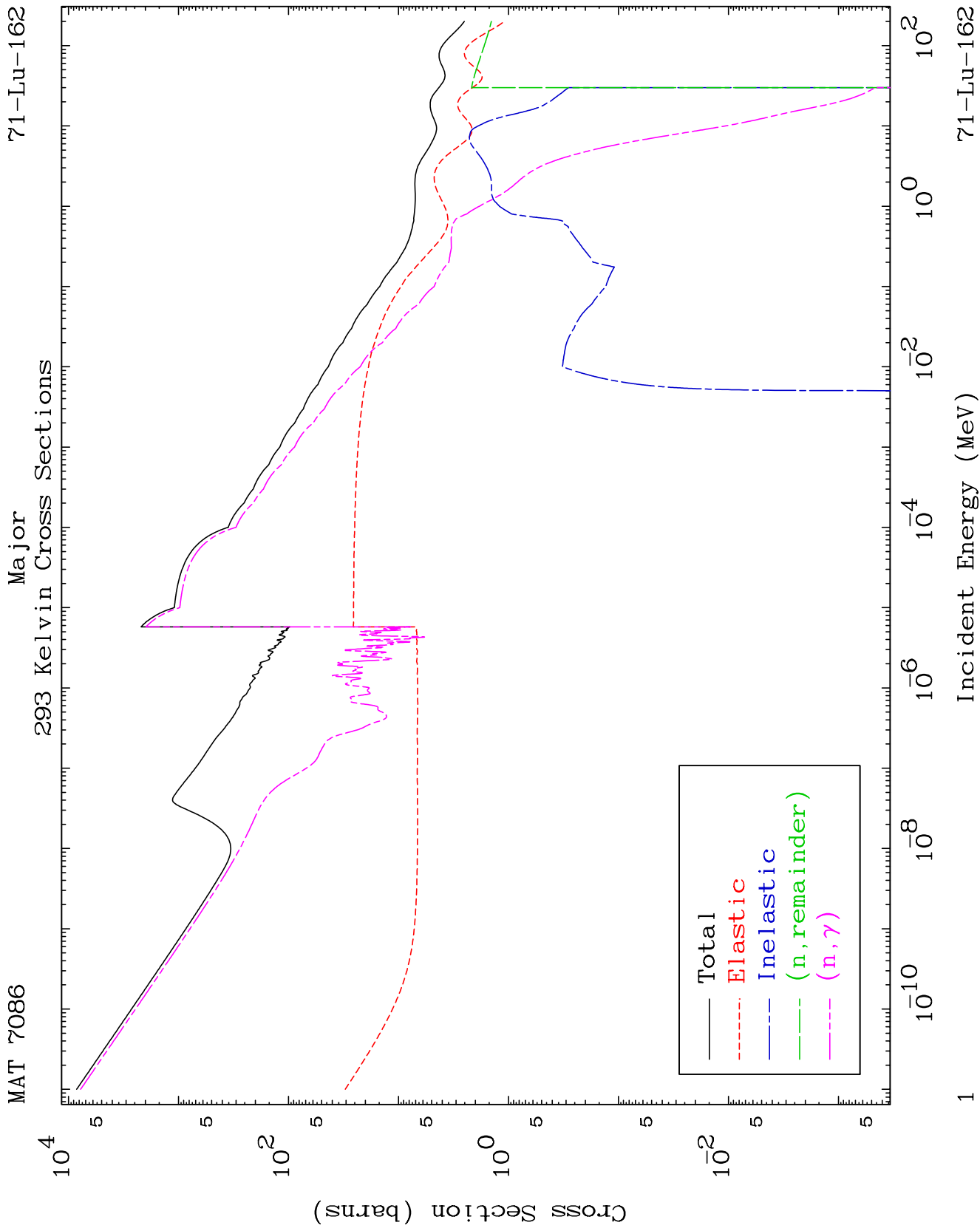
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

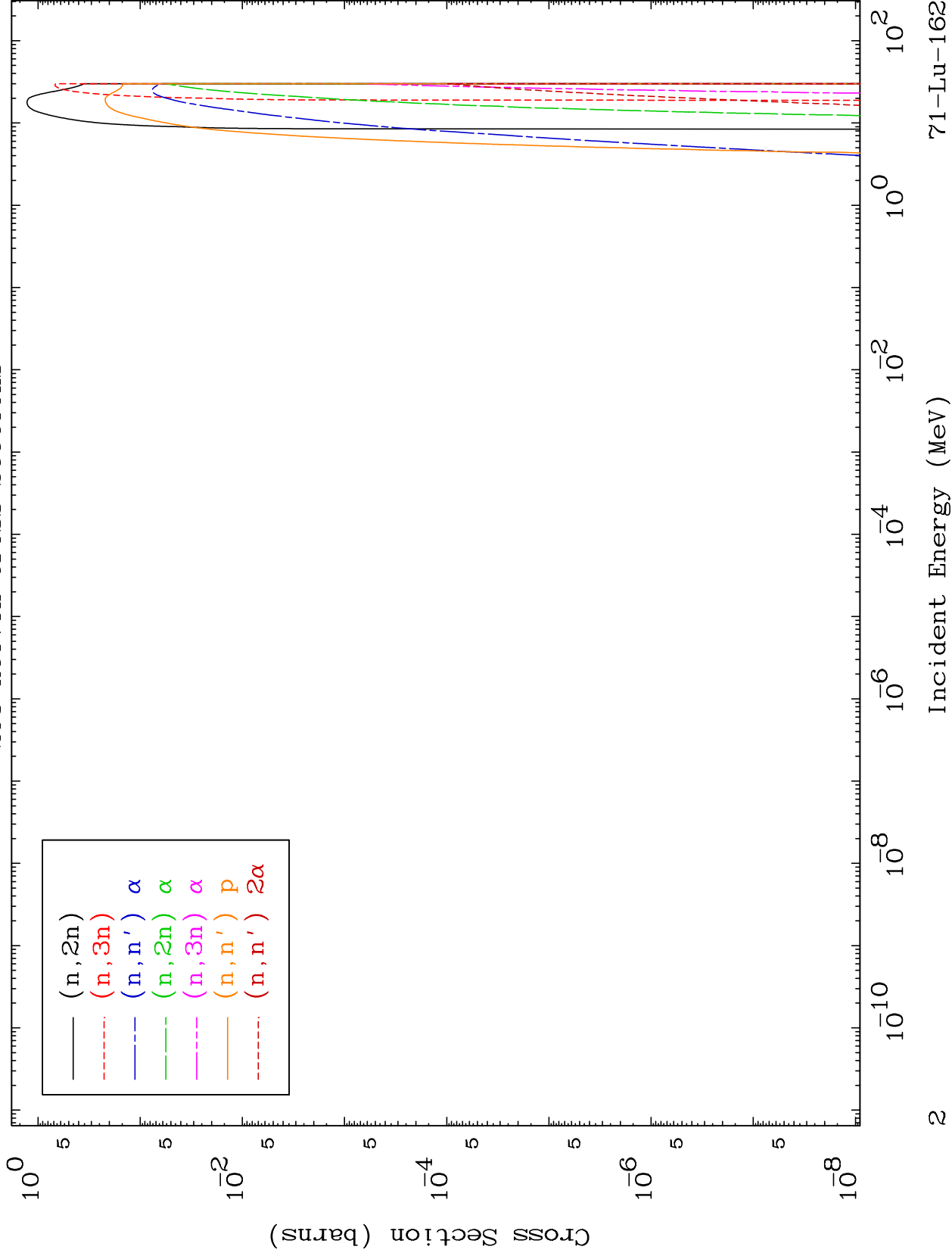
Press Mouse Button to Start



MAT 7086

Neutron Production
293 Kelvin Cross Sections

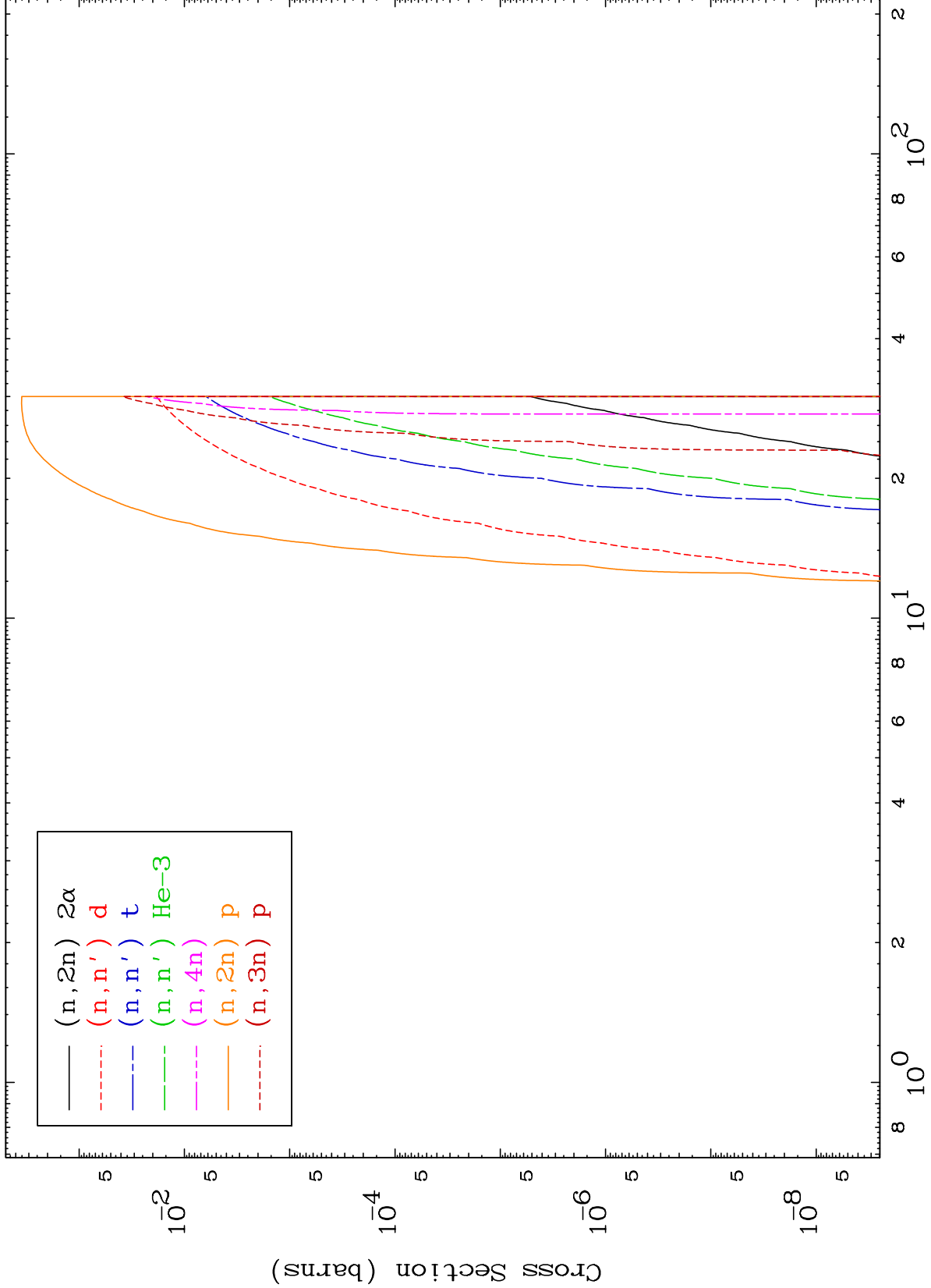
71-Lu-162



MAT 7086

Neutron Production
293 Kelvin Cross Sections

71-Lu-162



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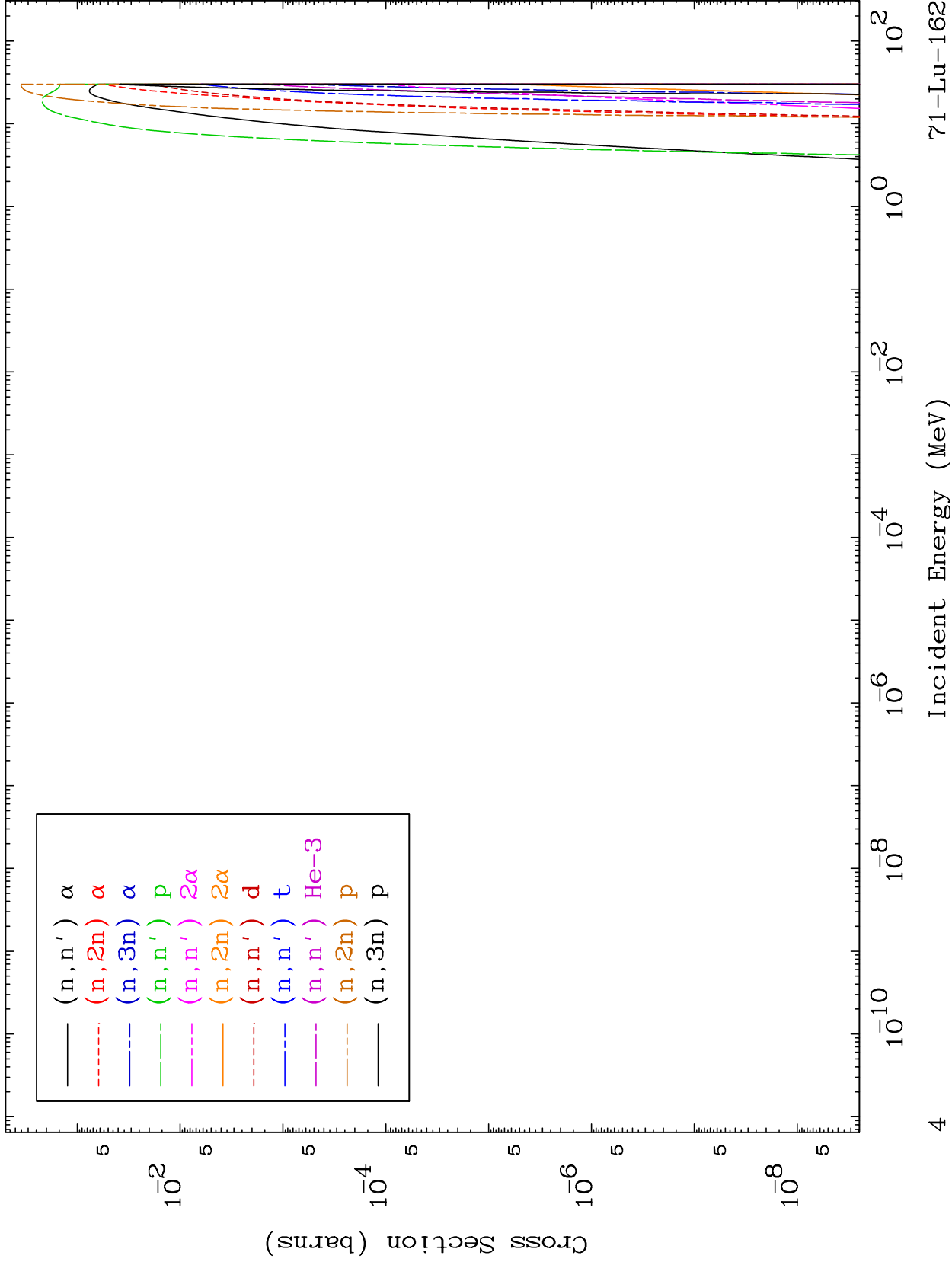
Incident Energy (MeV)

71-Lu-162

MAT 7086

Charged Particle
293 Kelvin Cross Sections

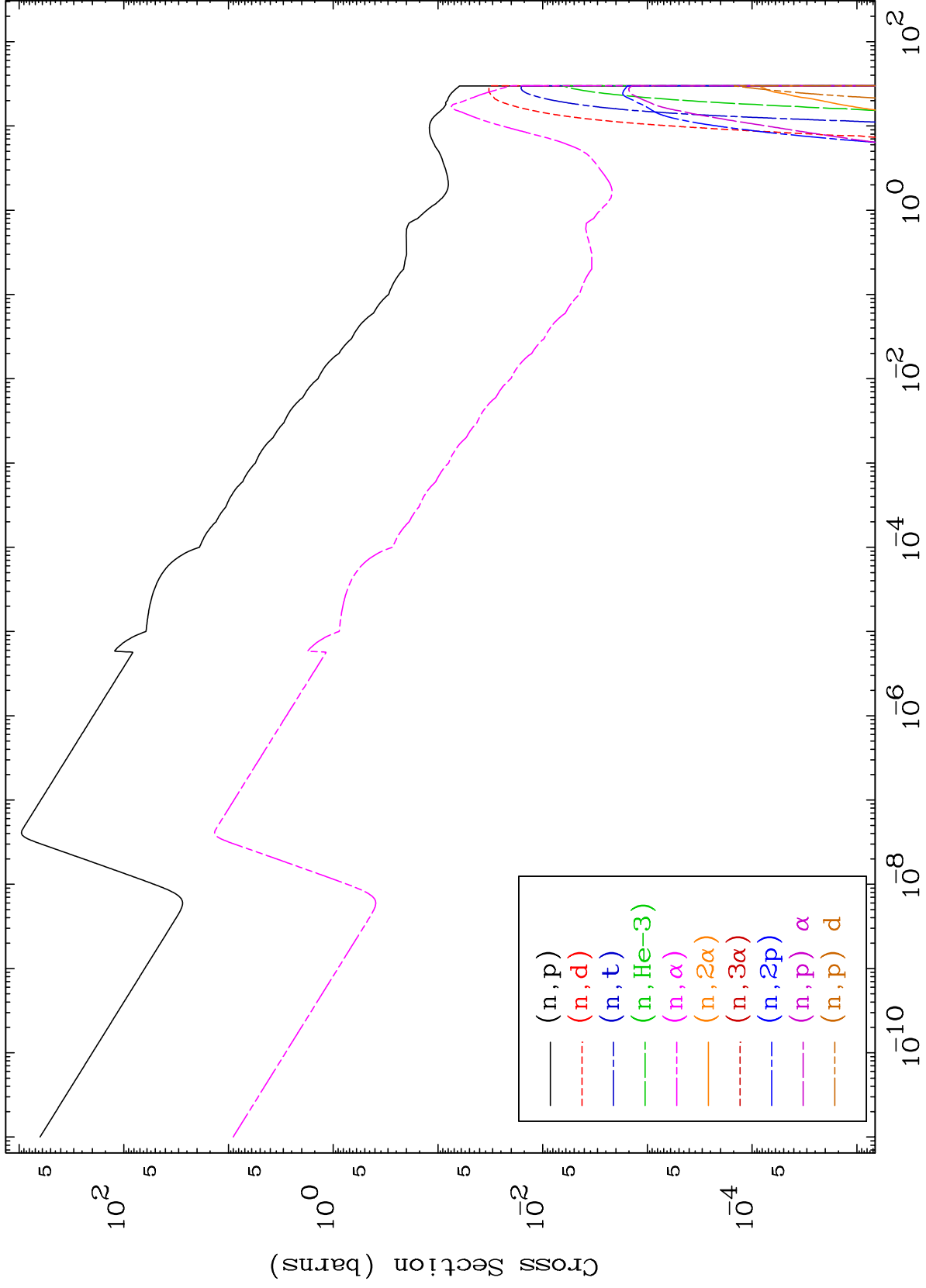
71-Lu-162

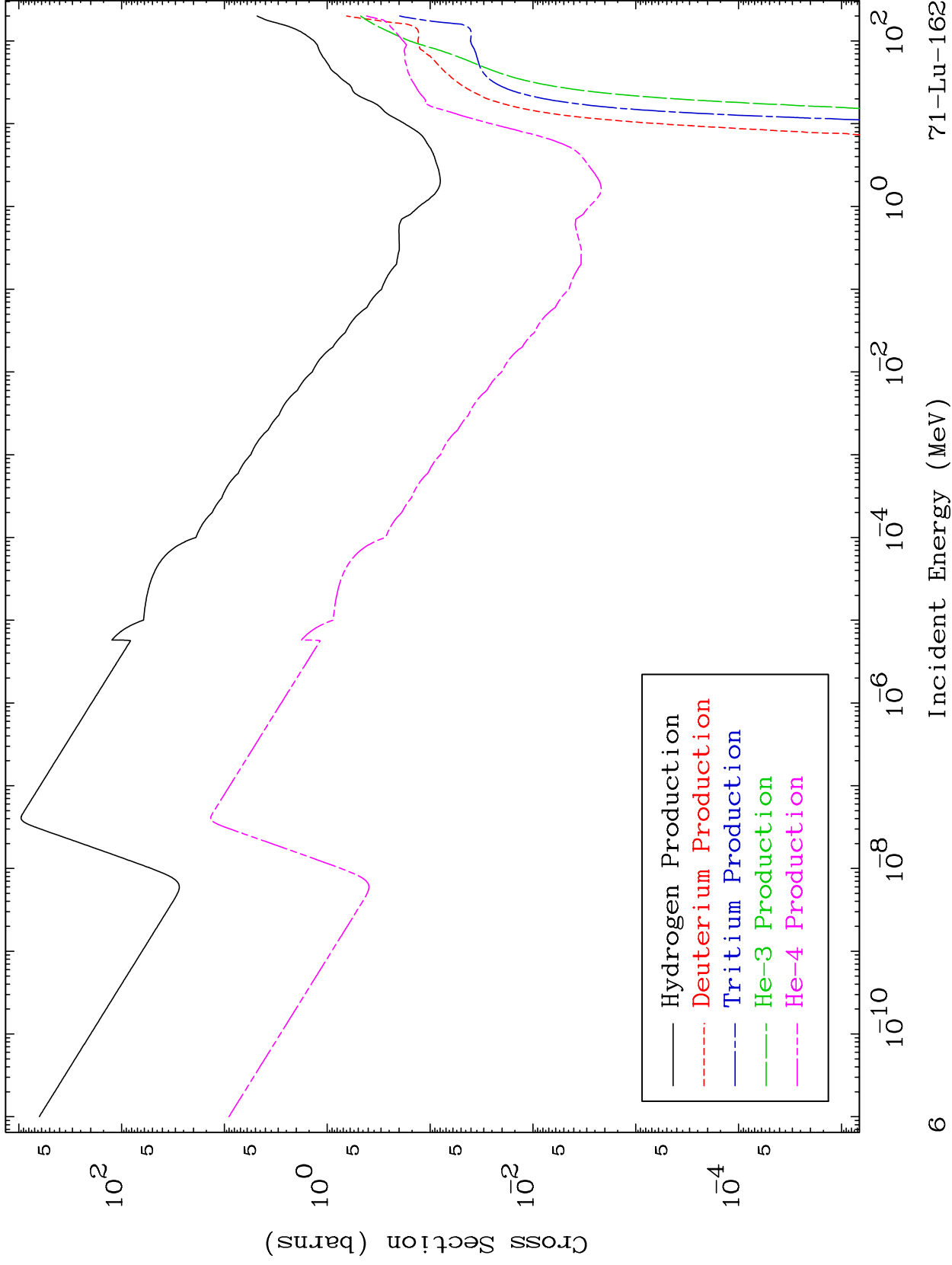


MAT 7086

Charged Particle
293 Kelvin Cross Sections

71-Lu-162

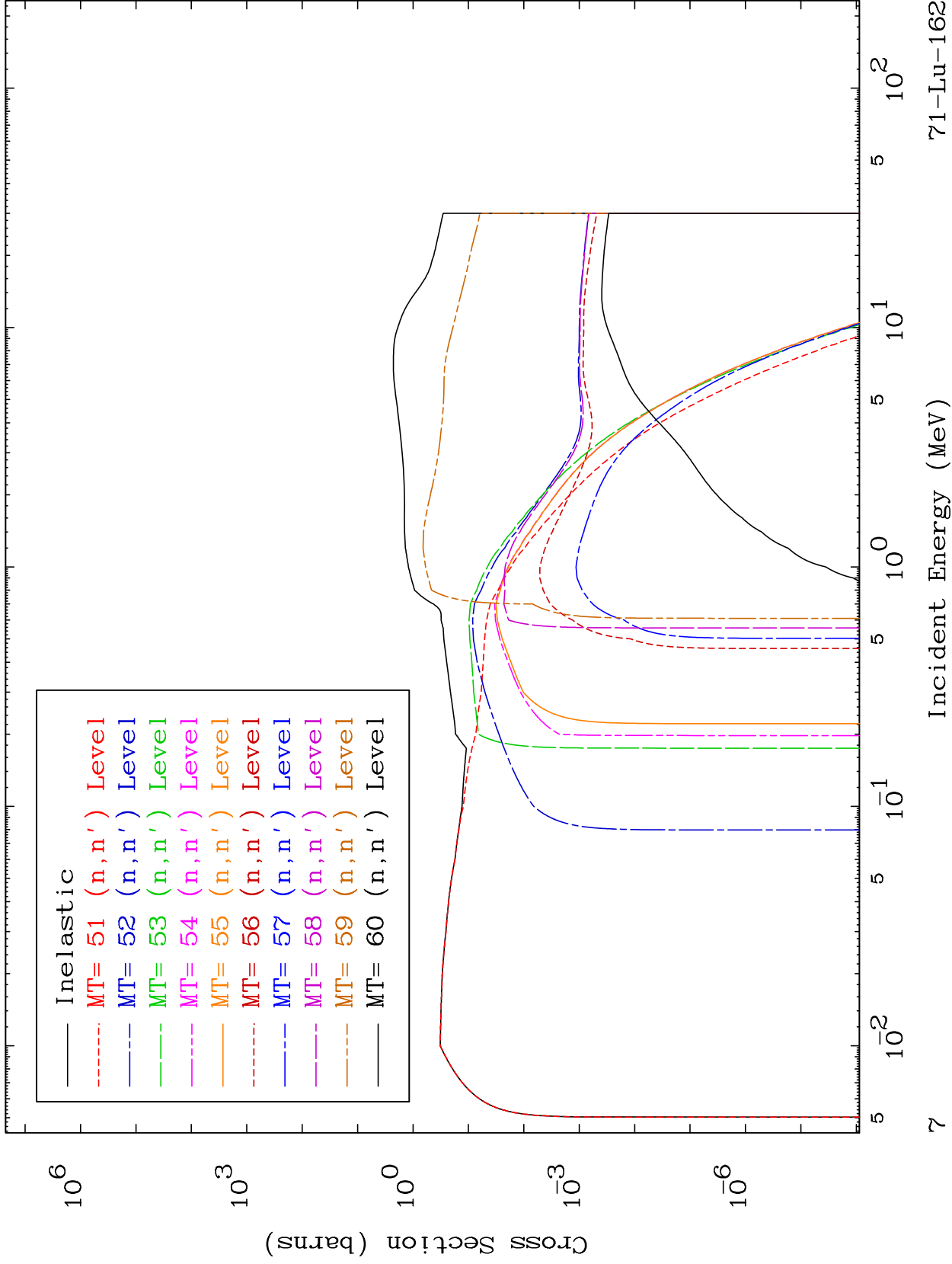




MAT 7086

(n,n') Level
293 Kelvin Cross Sections

71-Lu-162



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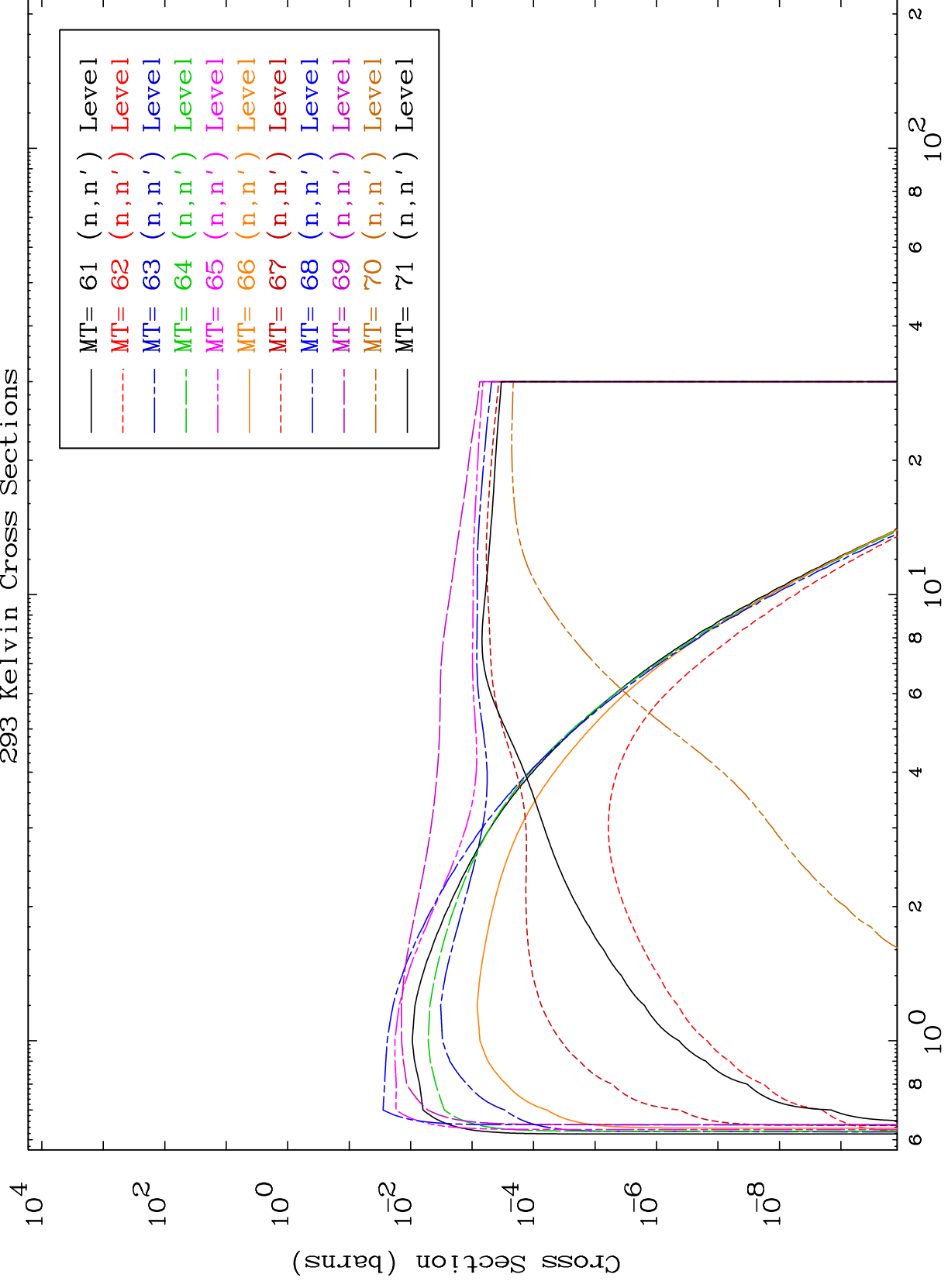
71-Lu-162

MAT 7086

(n,n') Level

293 Kelvin Cross Sections

71-Lu-162



8

Incident Energy (MeV)

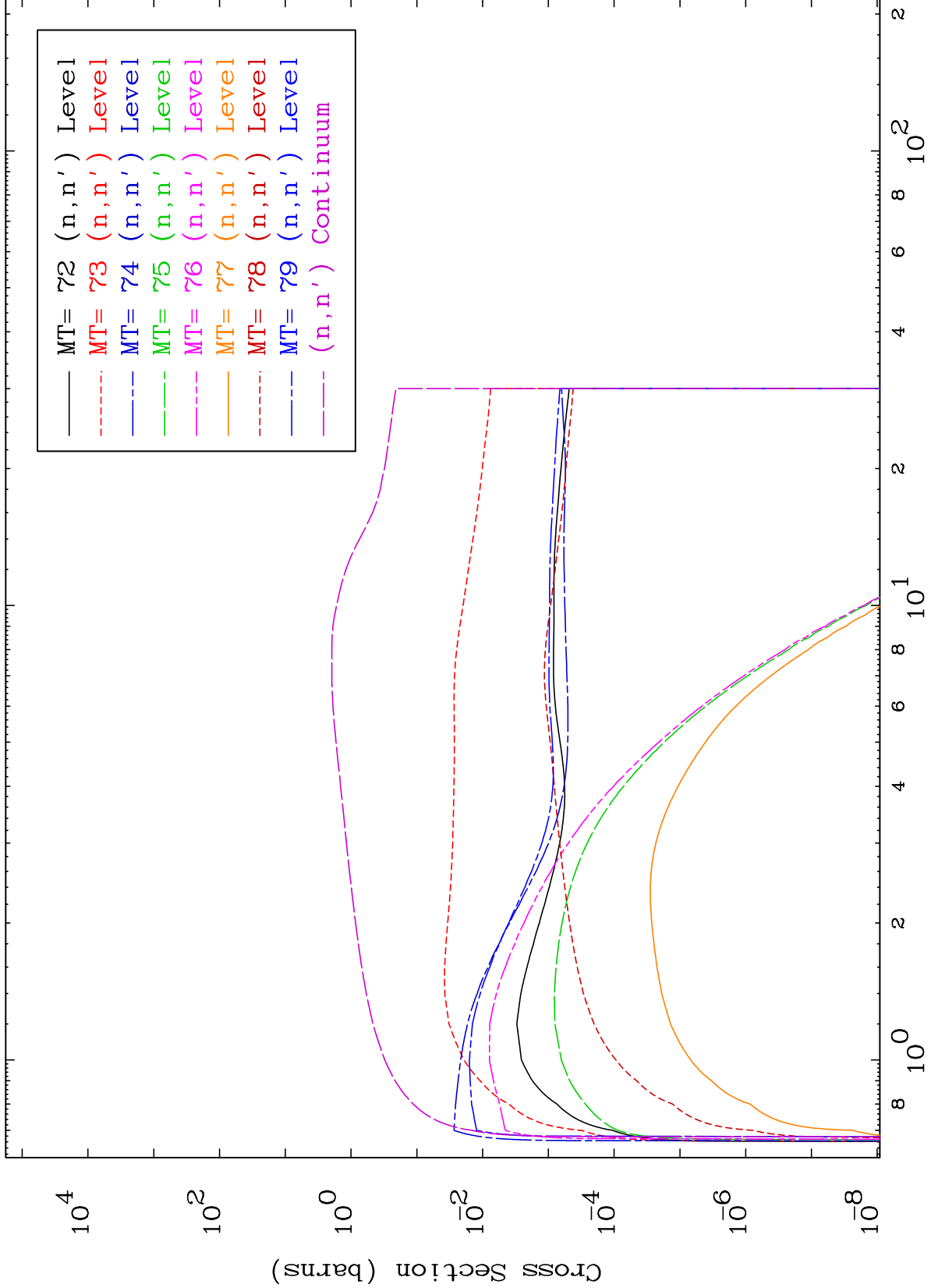
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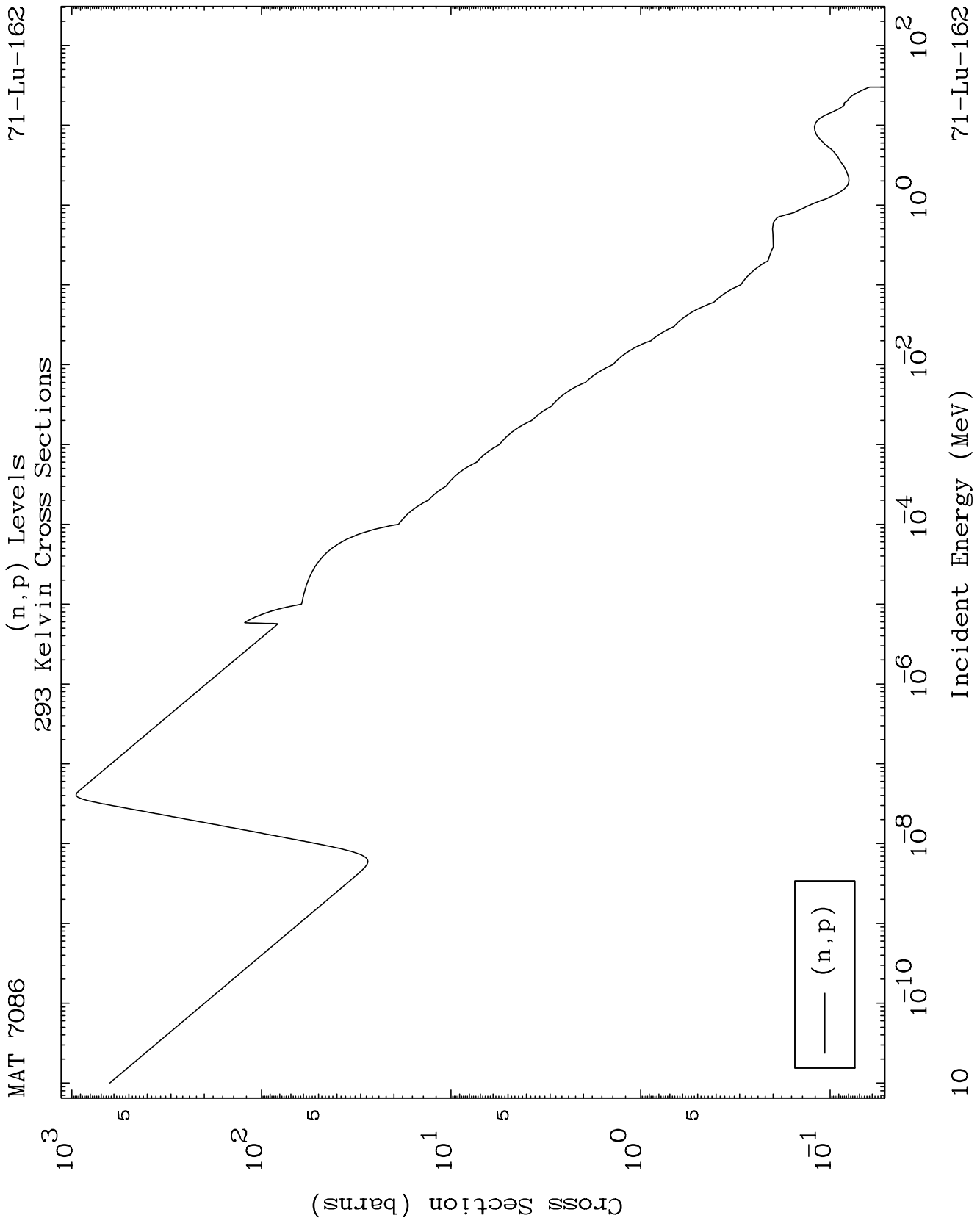
MAT 7086

(n,n') Level

71-Lu-162

293 Kelvin Cross Sections

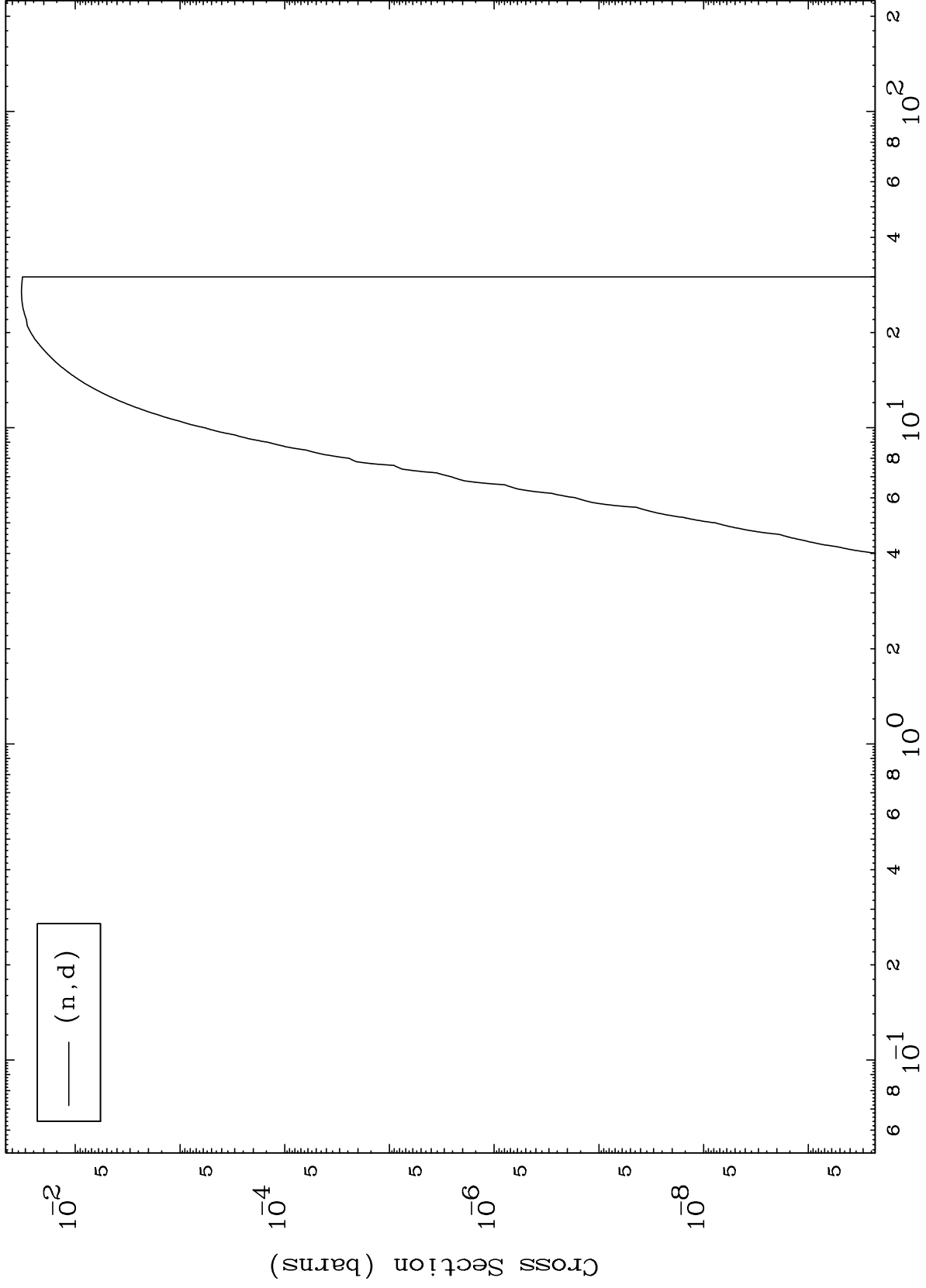




MAT 7086

(n,d) Levels
293 Kelvin Cross Sections

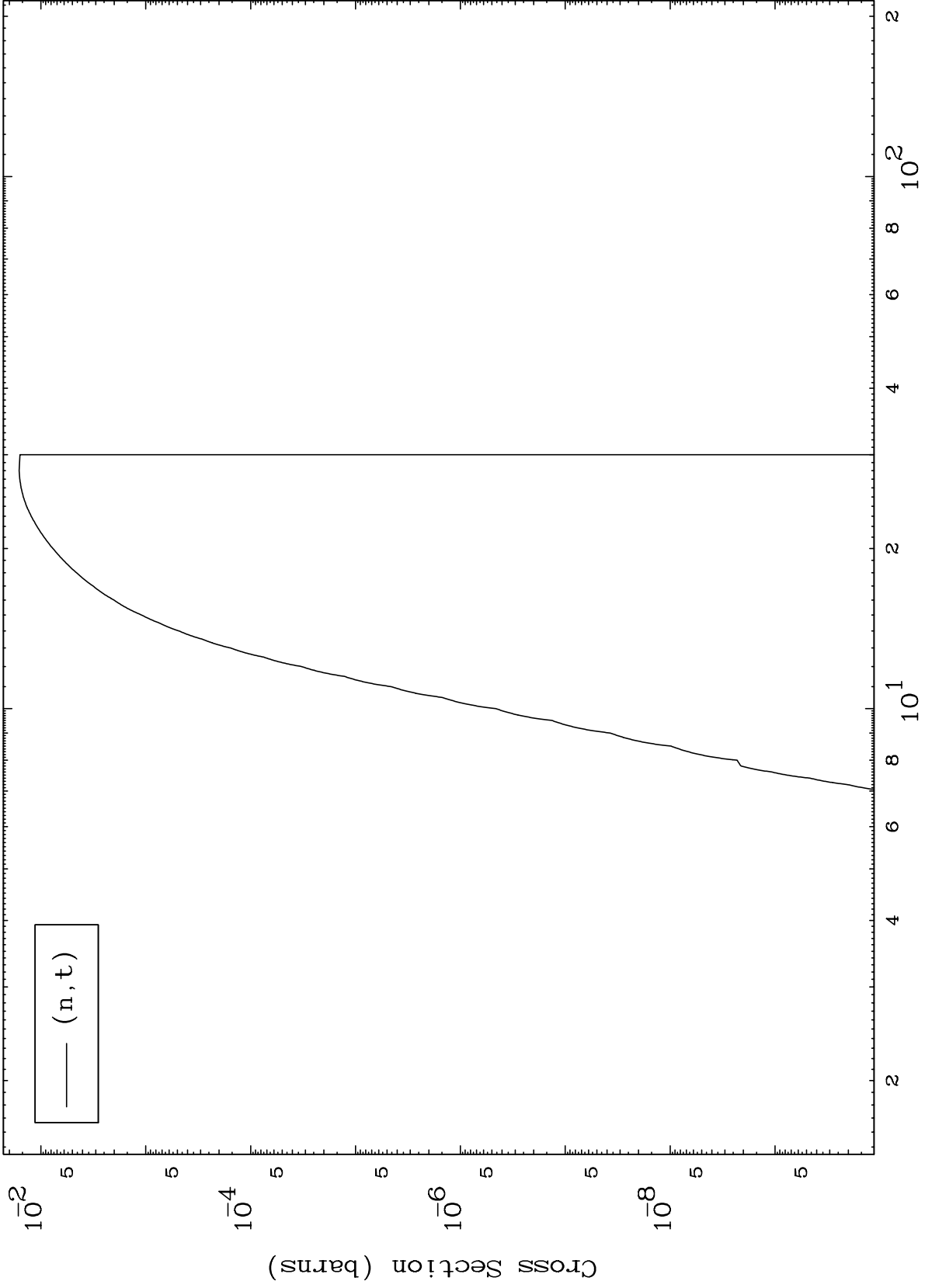
71-Lu-162



MAT 7086

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-162



12

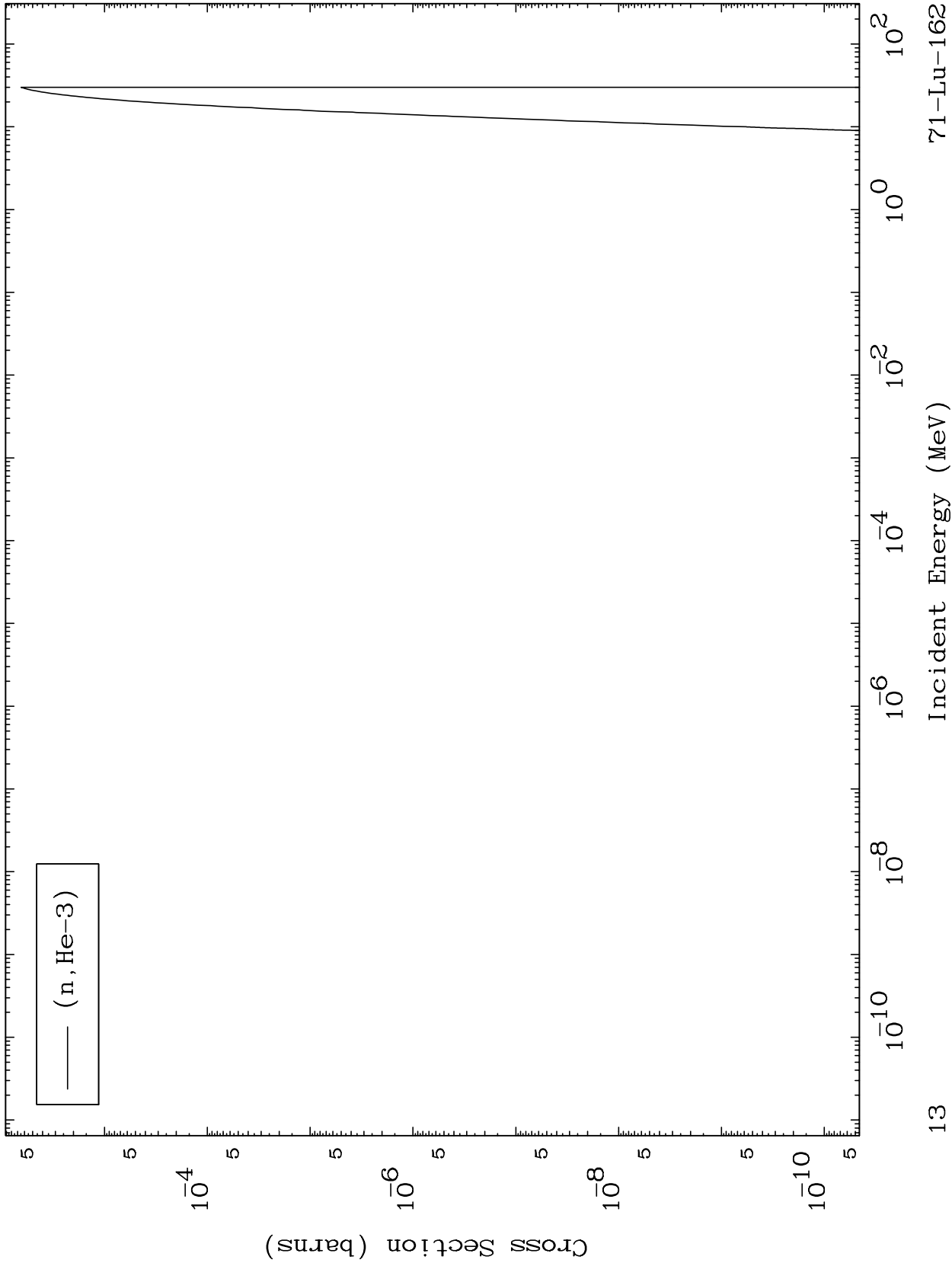
Incident Energy (MeV)

71-Lu-162

MAT 7086

(n,He3) Levels
293 Kelvin Cross Sections

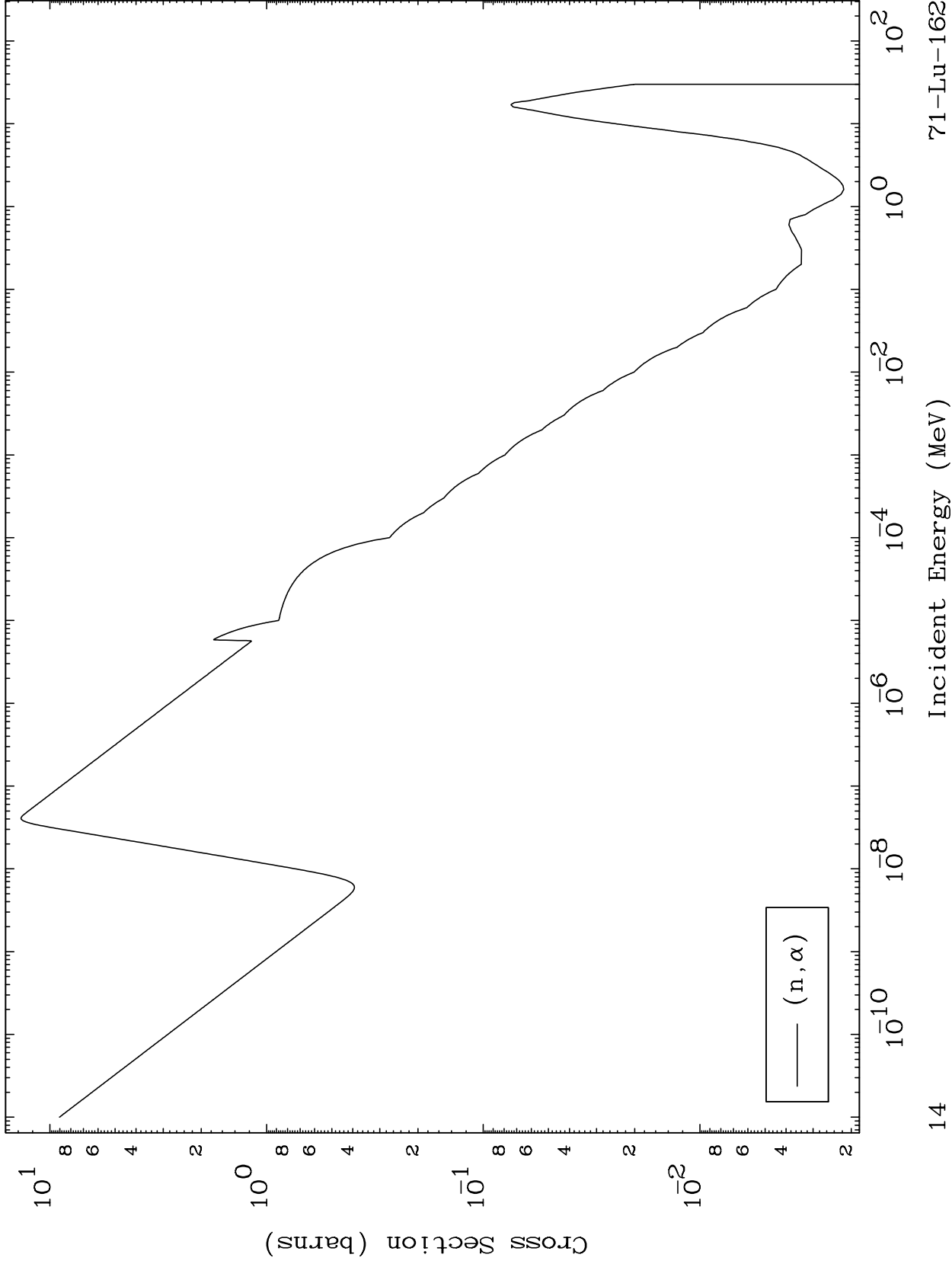
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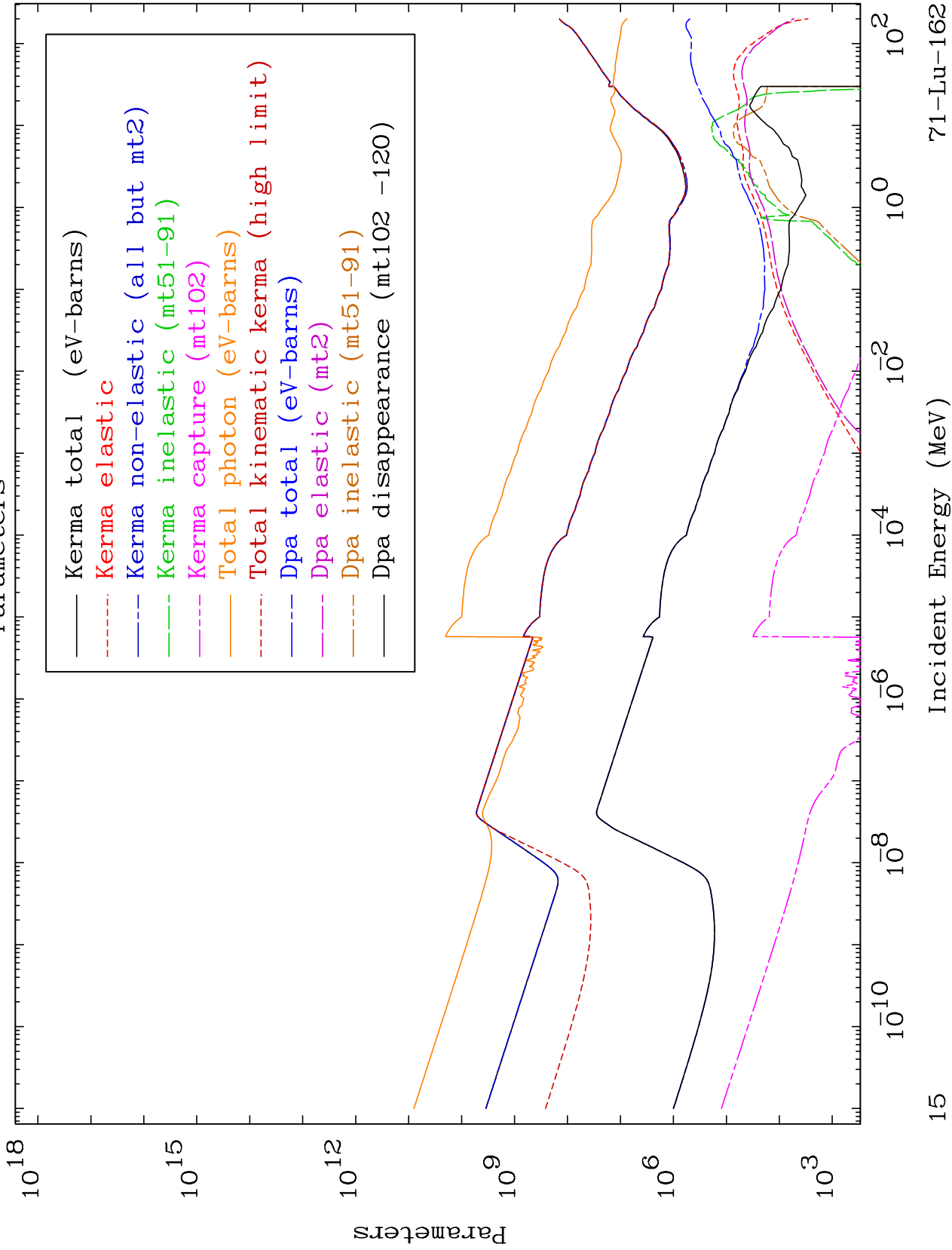


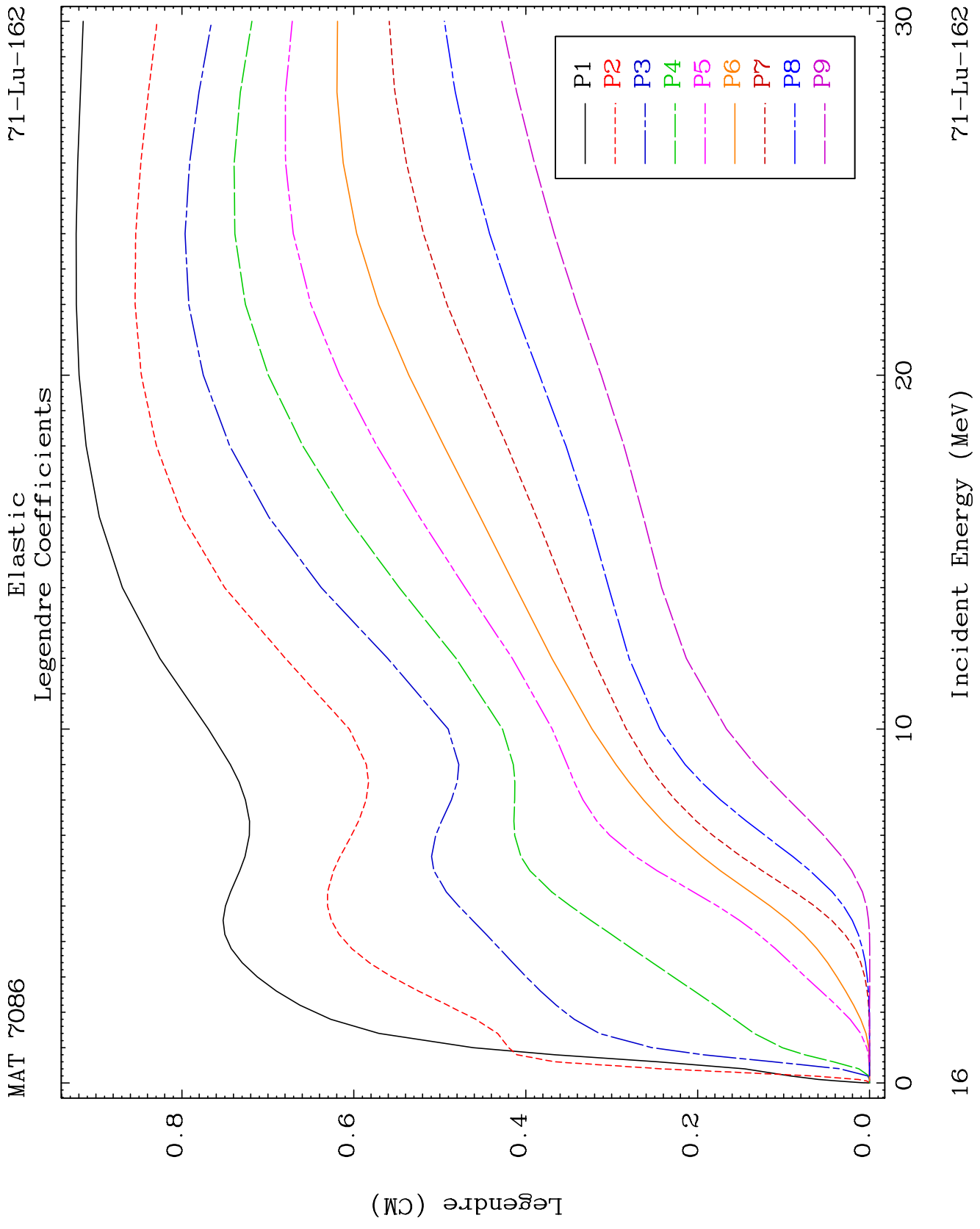
MAT 7086

(n,α) Levels
293 Kelvin Cross Sections

71-Lu-162



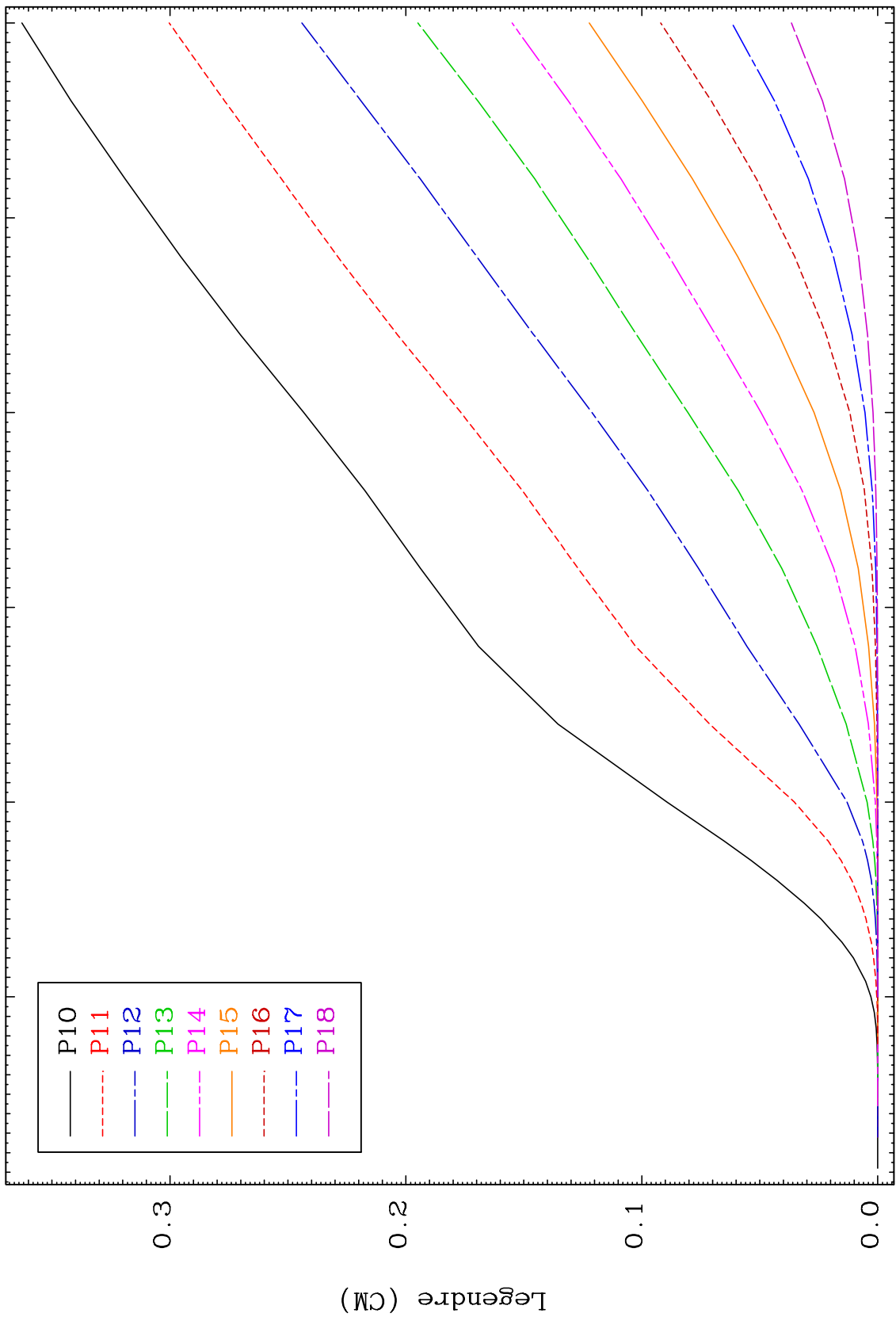




MAT 7086

Elastic Legendre Coefficients

⁷¹Lu-162



17

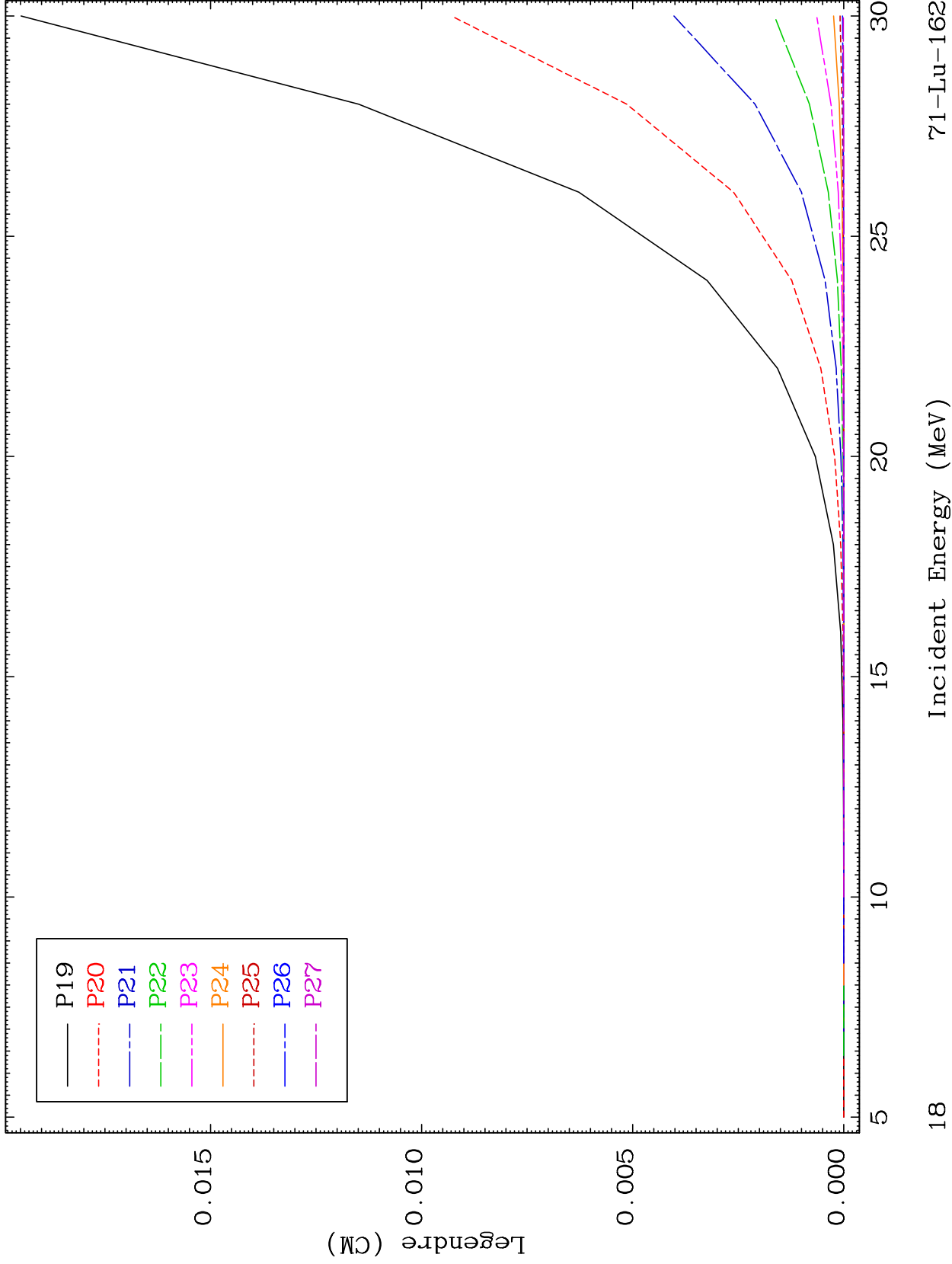
Incident Energy (MeV)

⁷¹Lu-162

MAT 7086

Elastic Legendre Coefficients

⁷¹Lu-162



⁷¹Lu-162

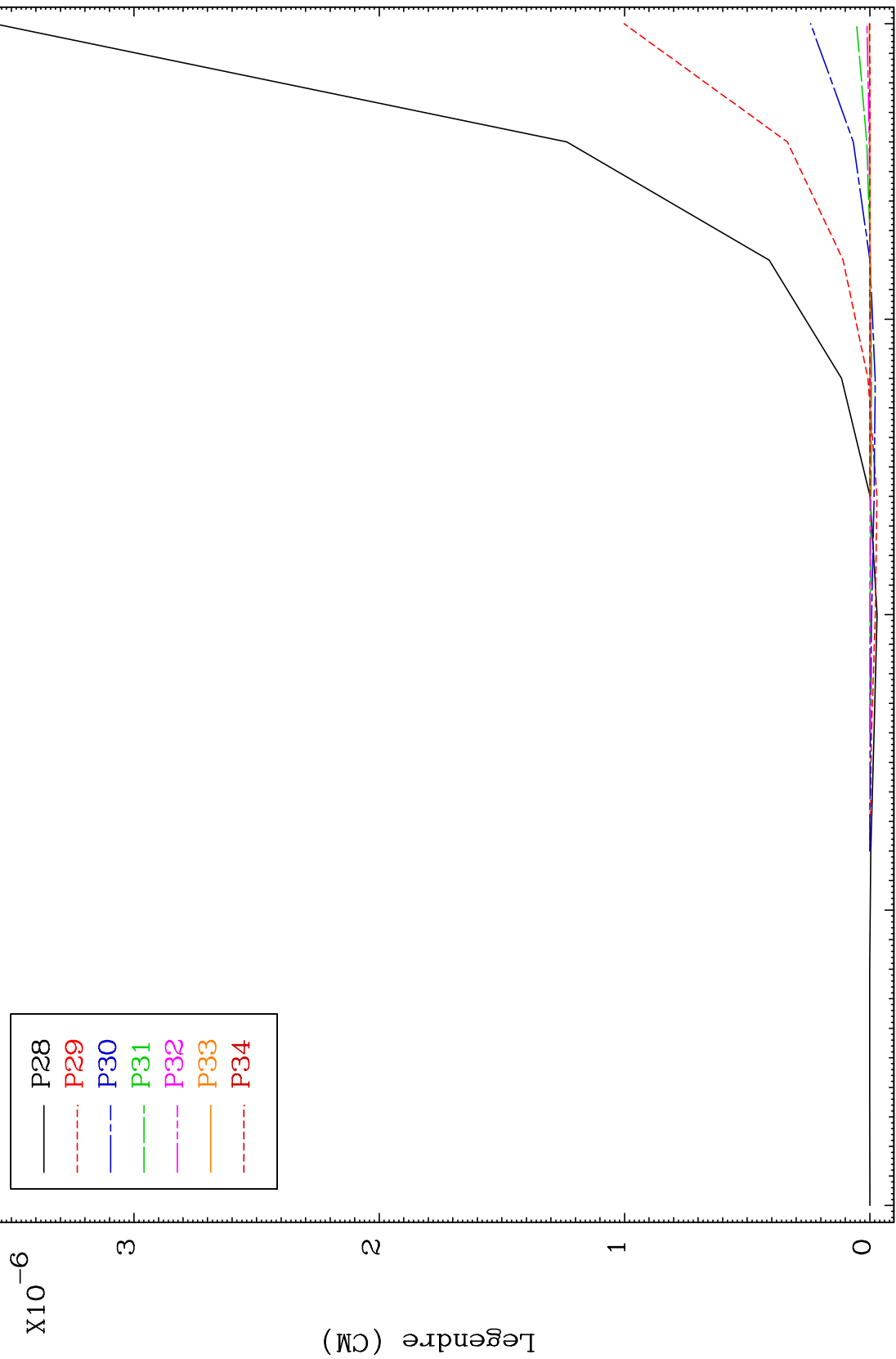
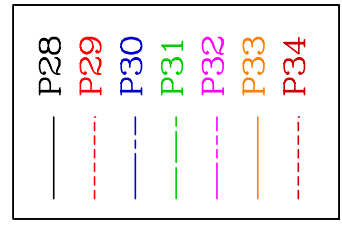
Incident Energy (MeV)

18

MAT 7086

Elastic Legendre Coefficients

⁷¹Lu-162



10

15

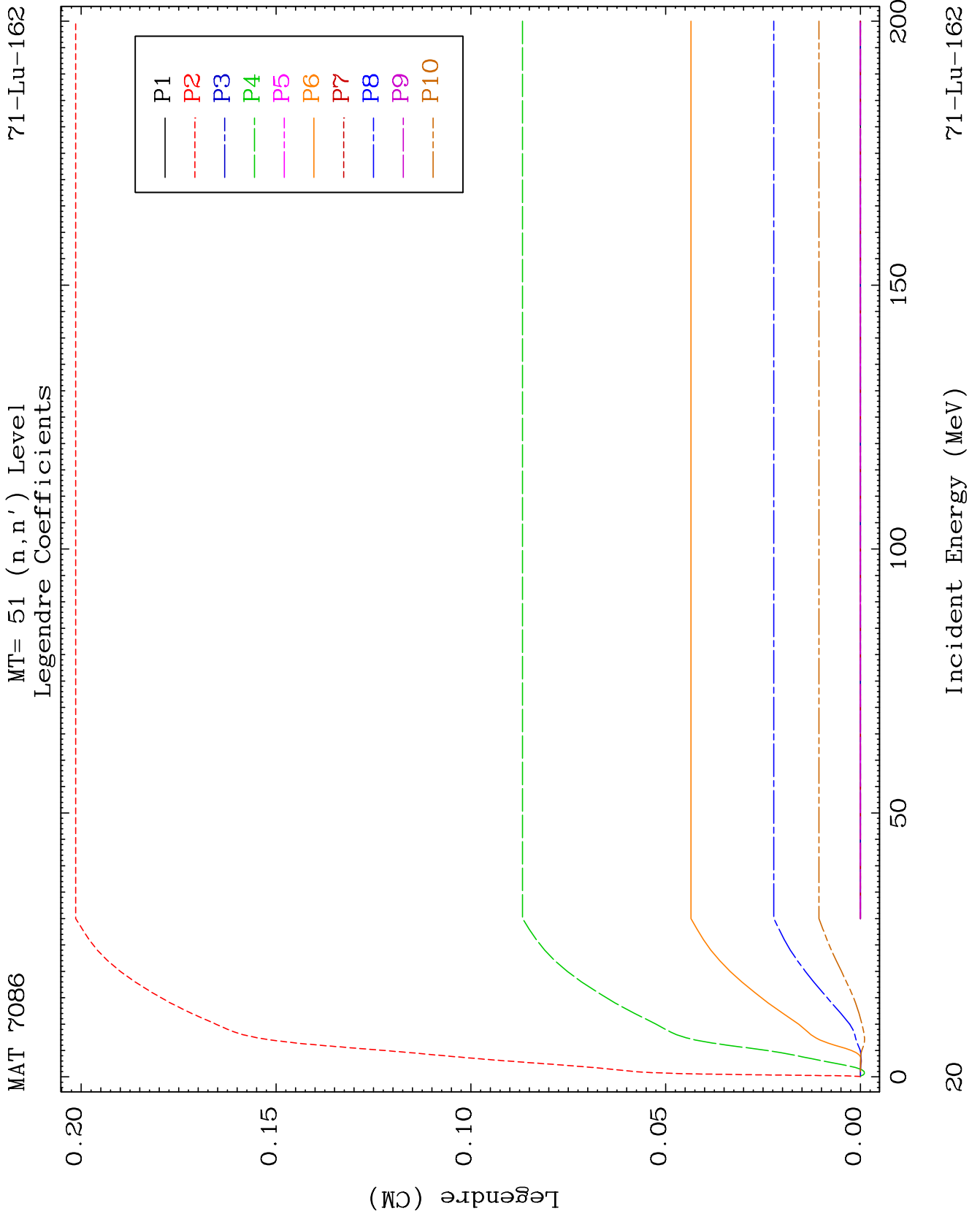
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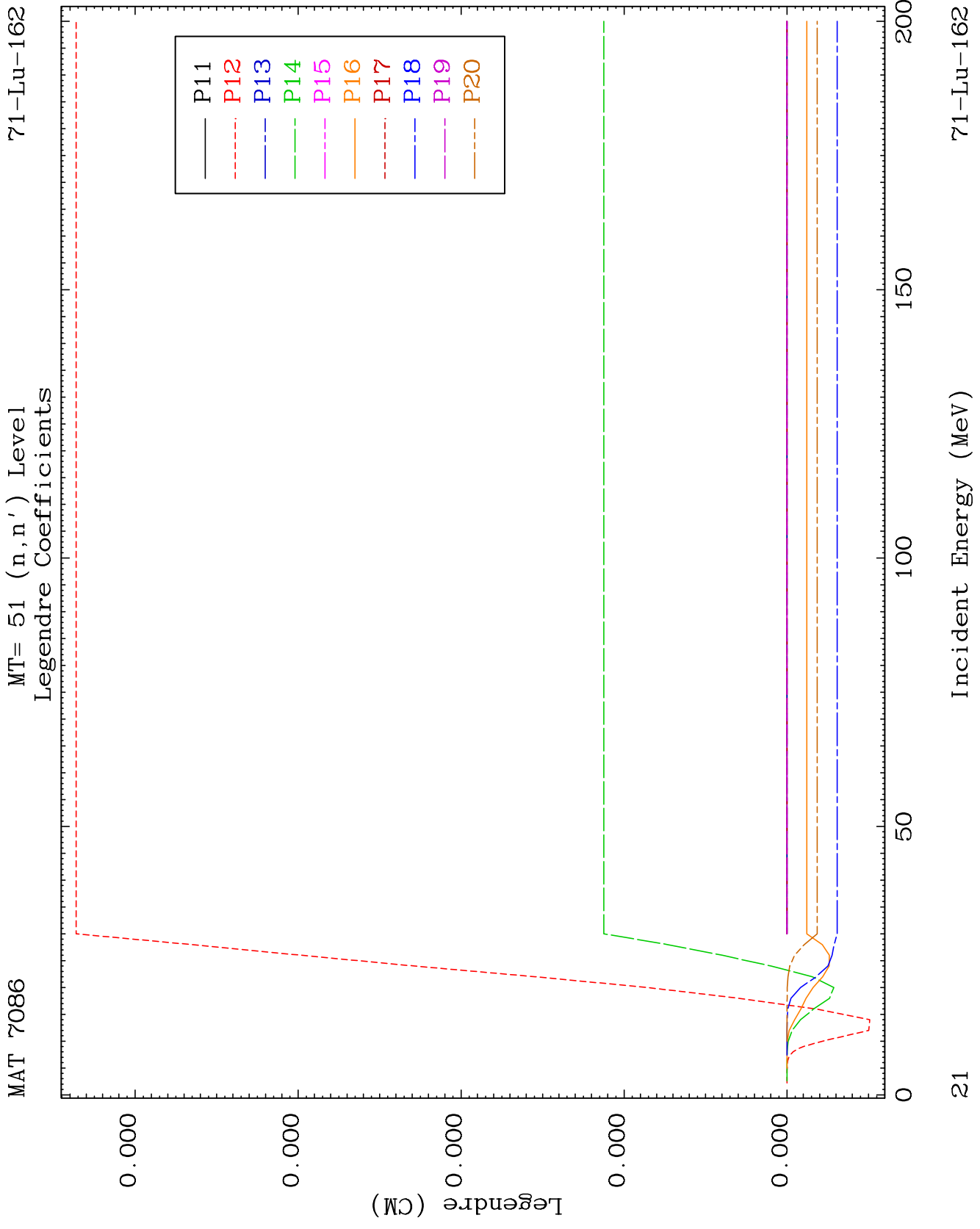
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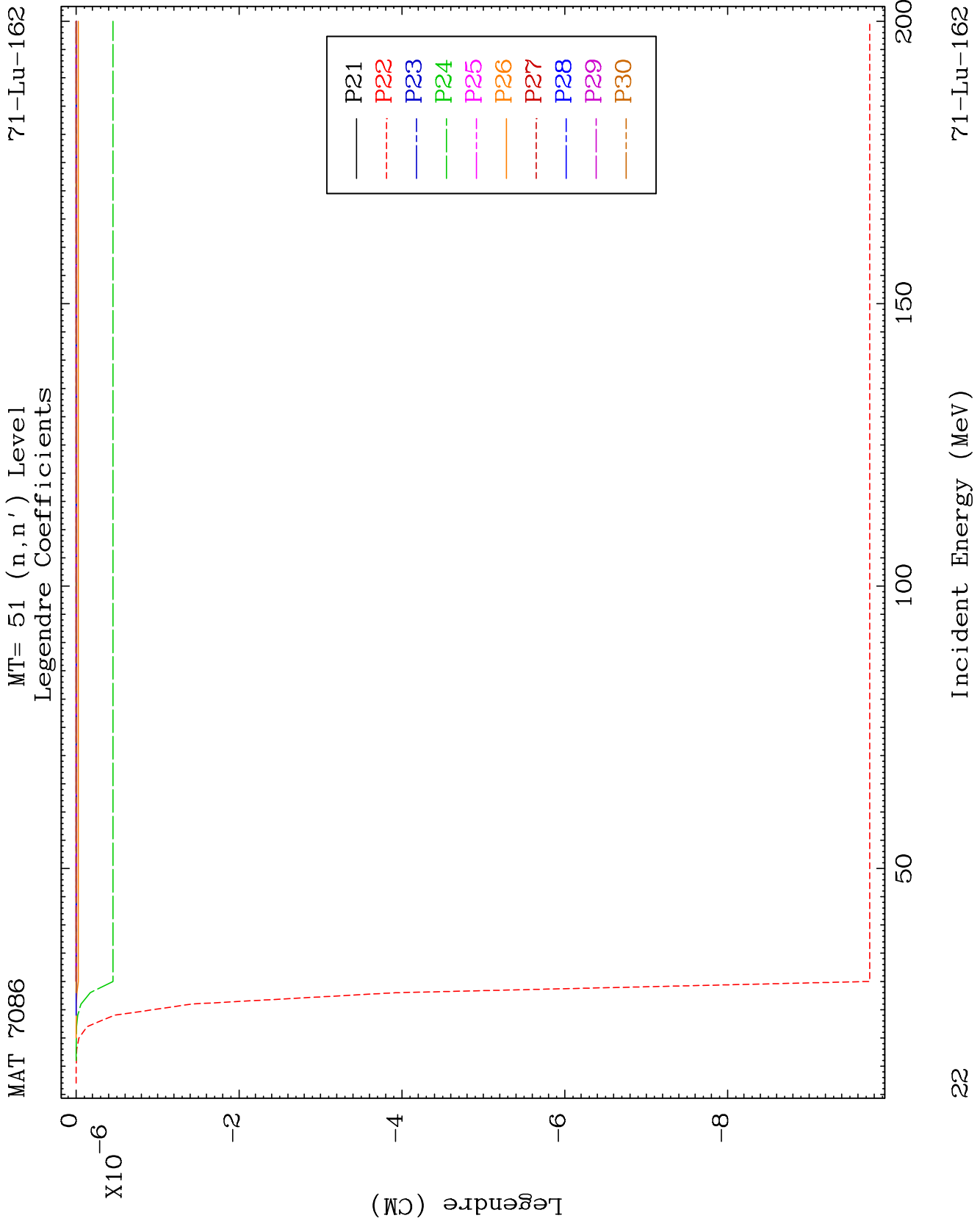
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Incident Energy (MeV)

⁷¹Lu-162



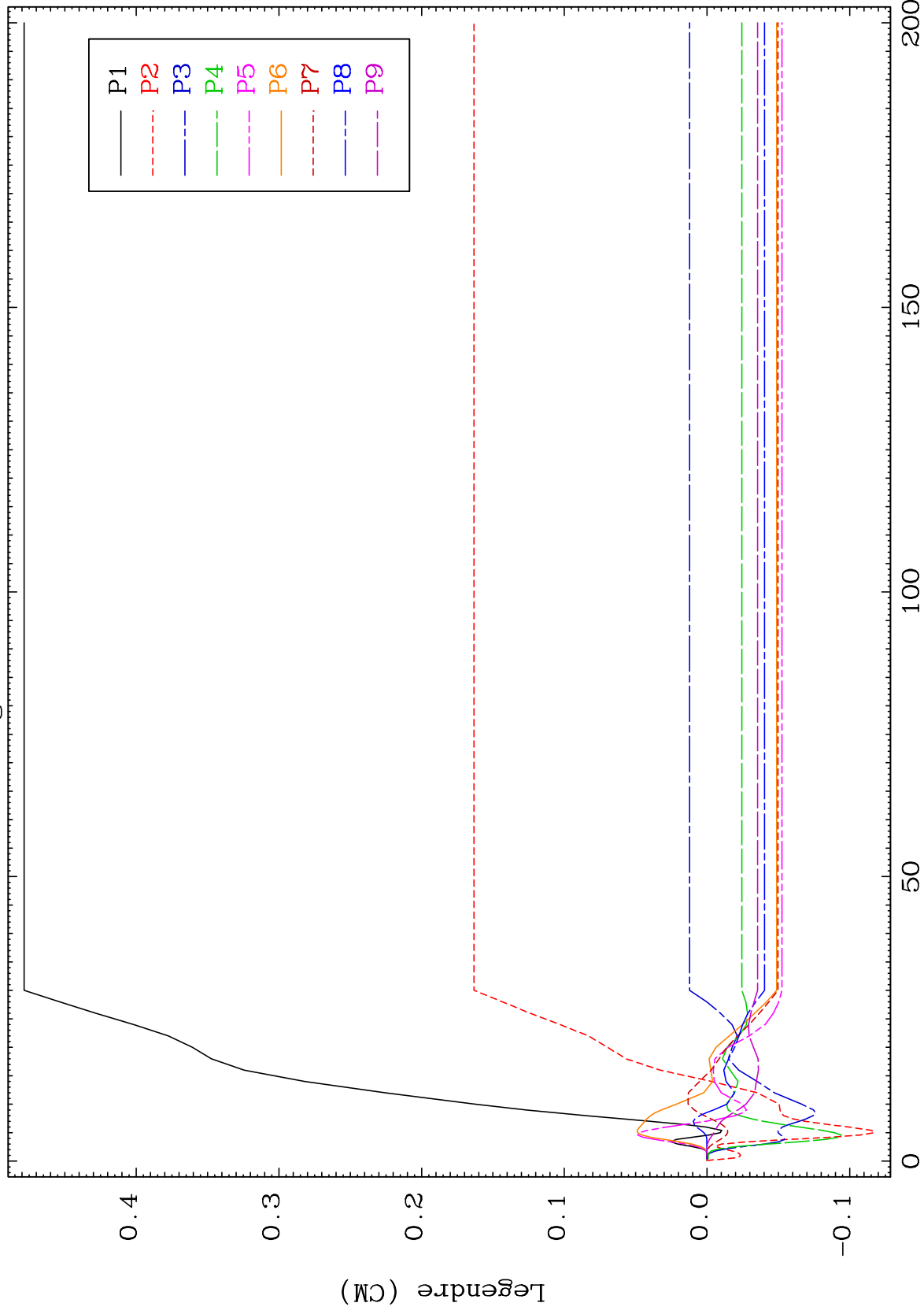




MAT 7086

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

71-Lu-162



23

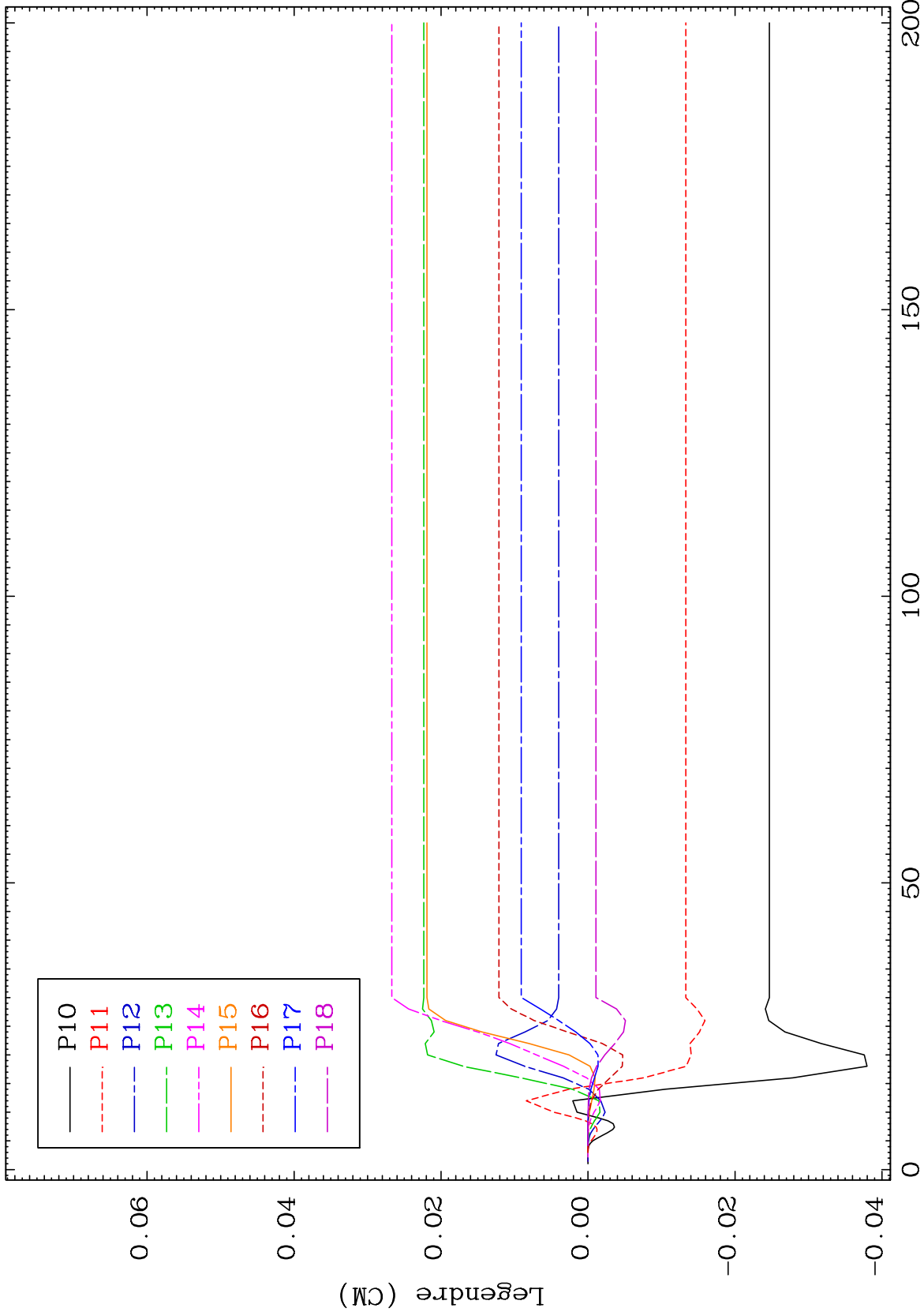
Incident Energy (MeV)

71-Lu-162

MAT 7086

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

71-Lu-162



24

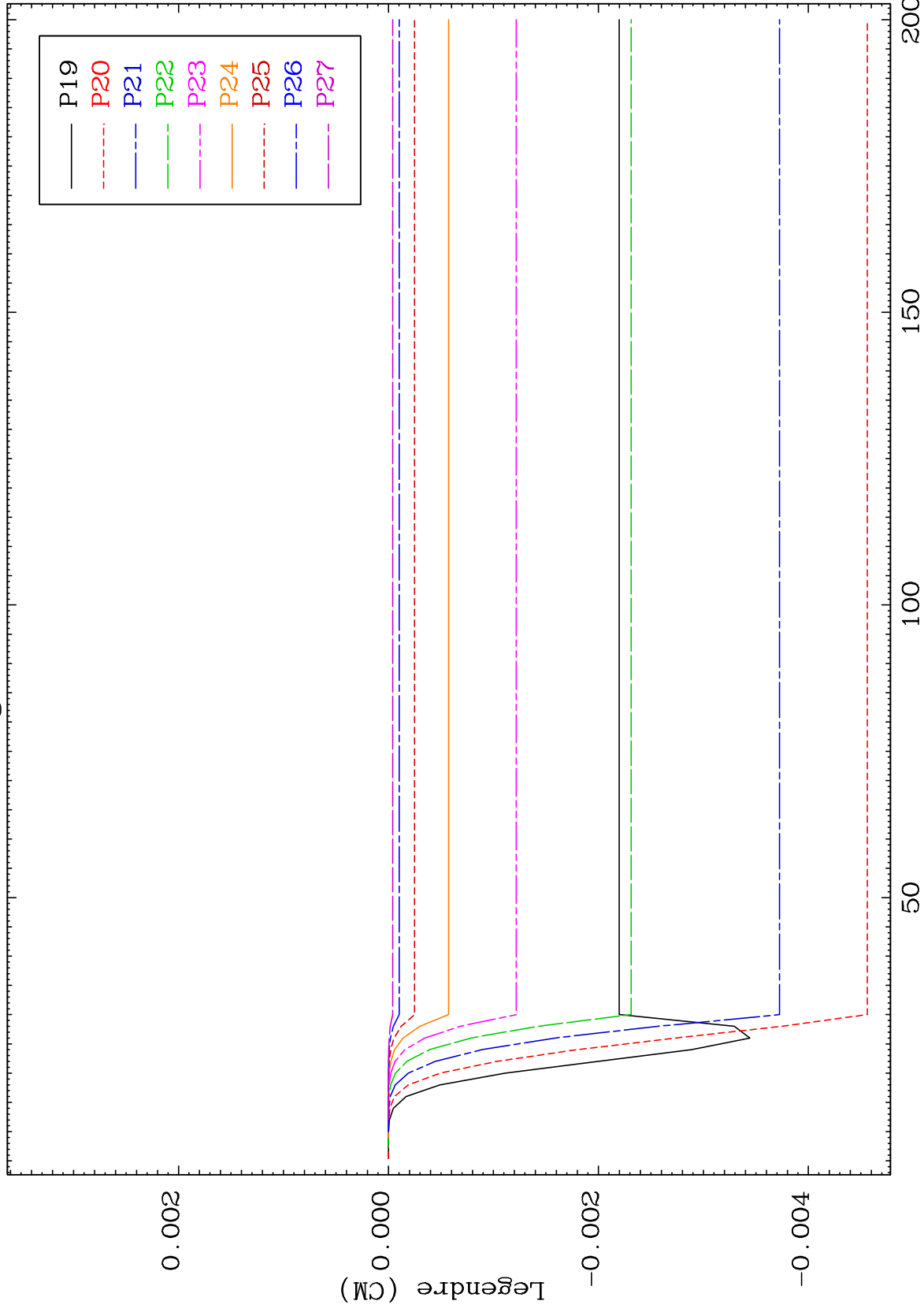
Incident Energy (MeV)

71-Lu-162

MAT 7086

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

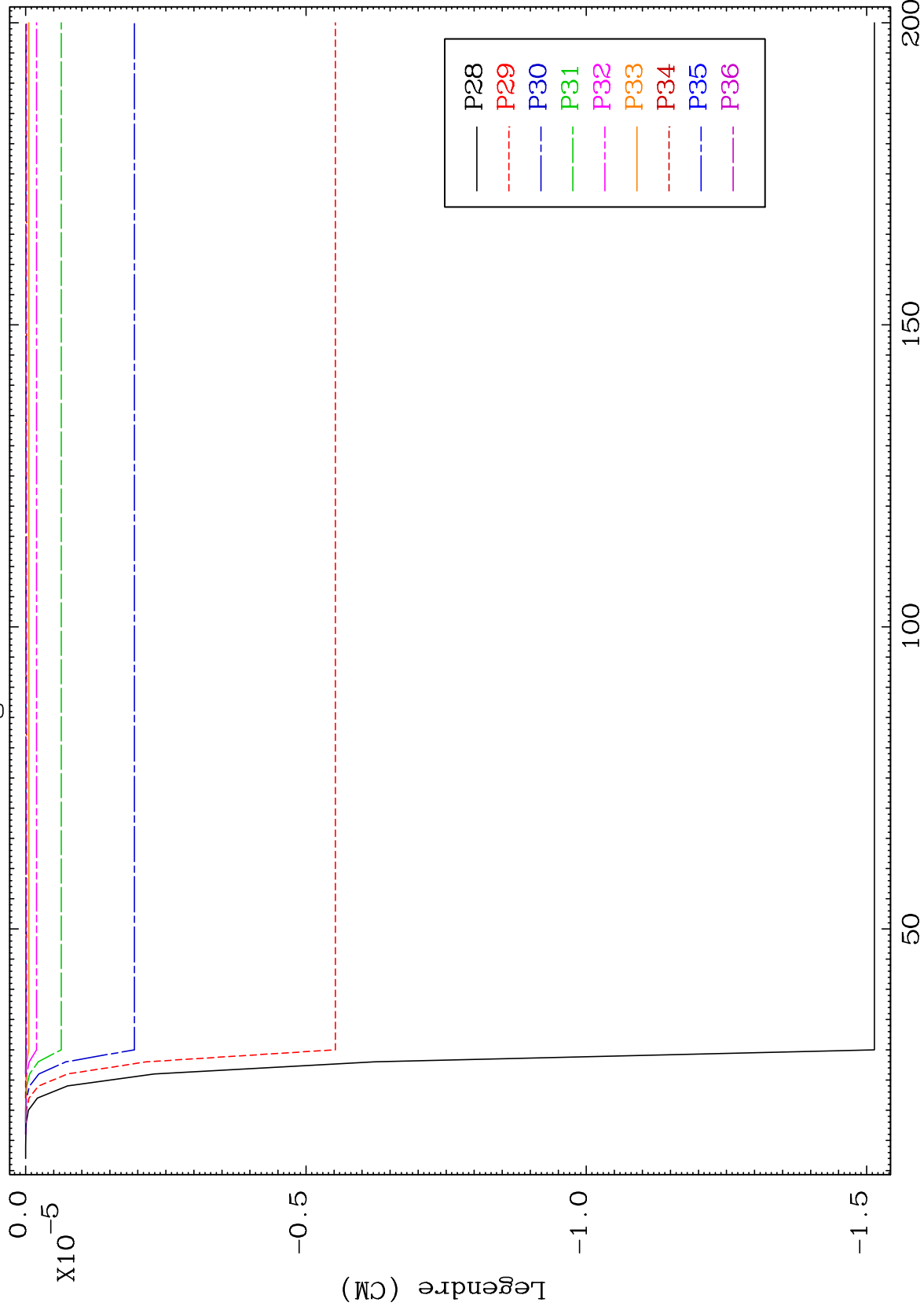
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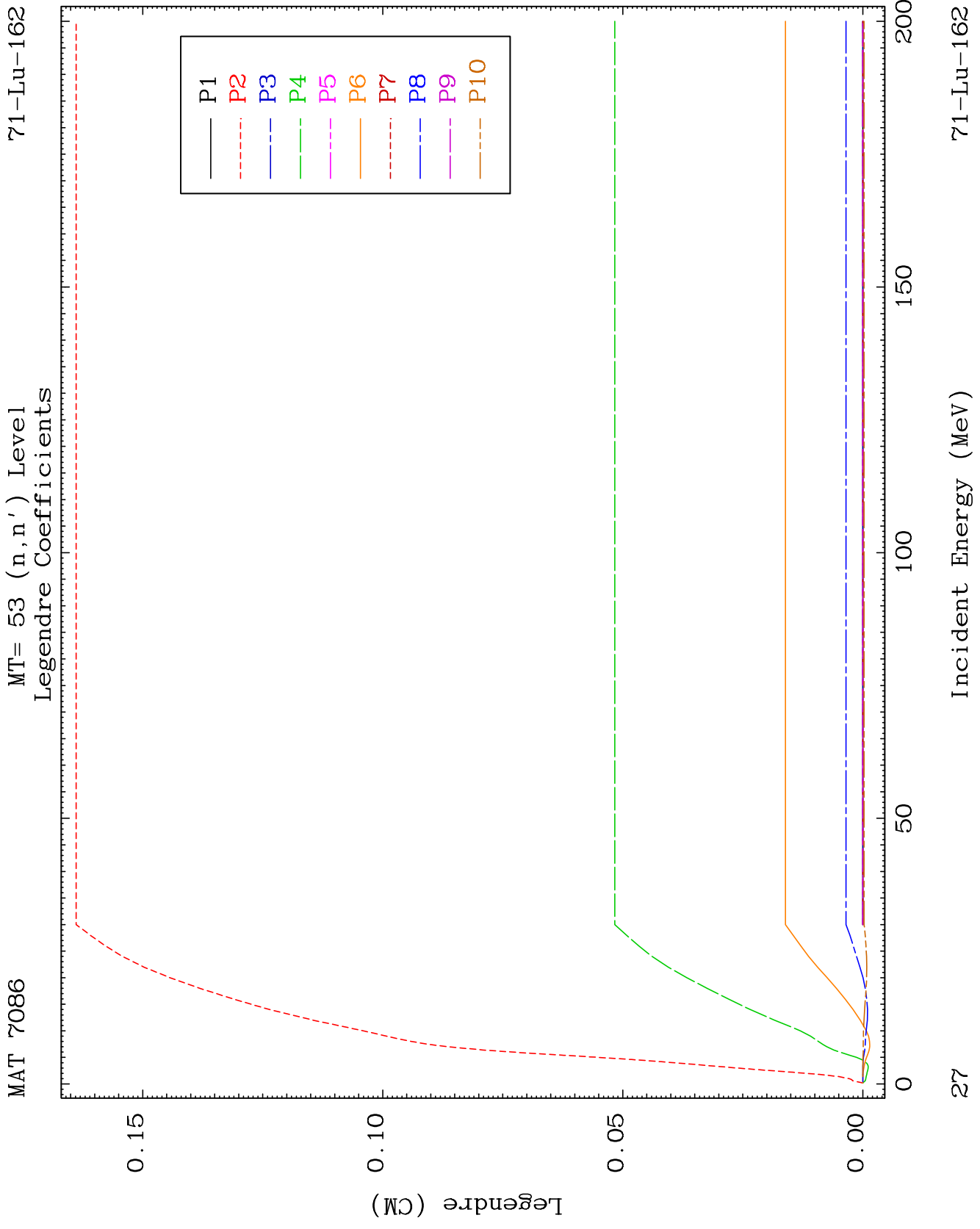


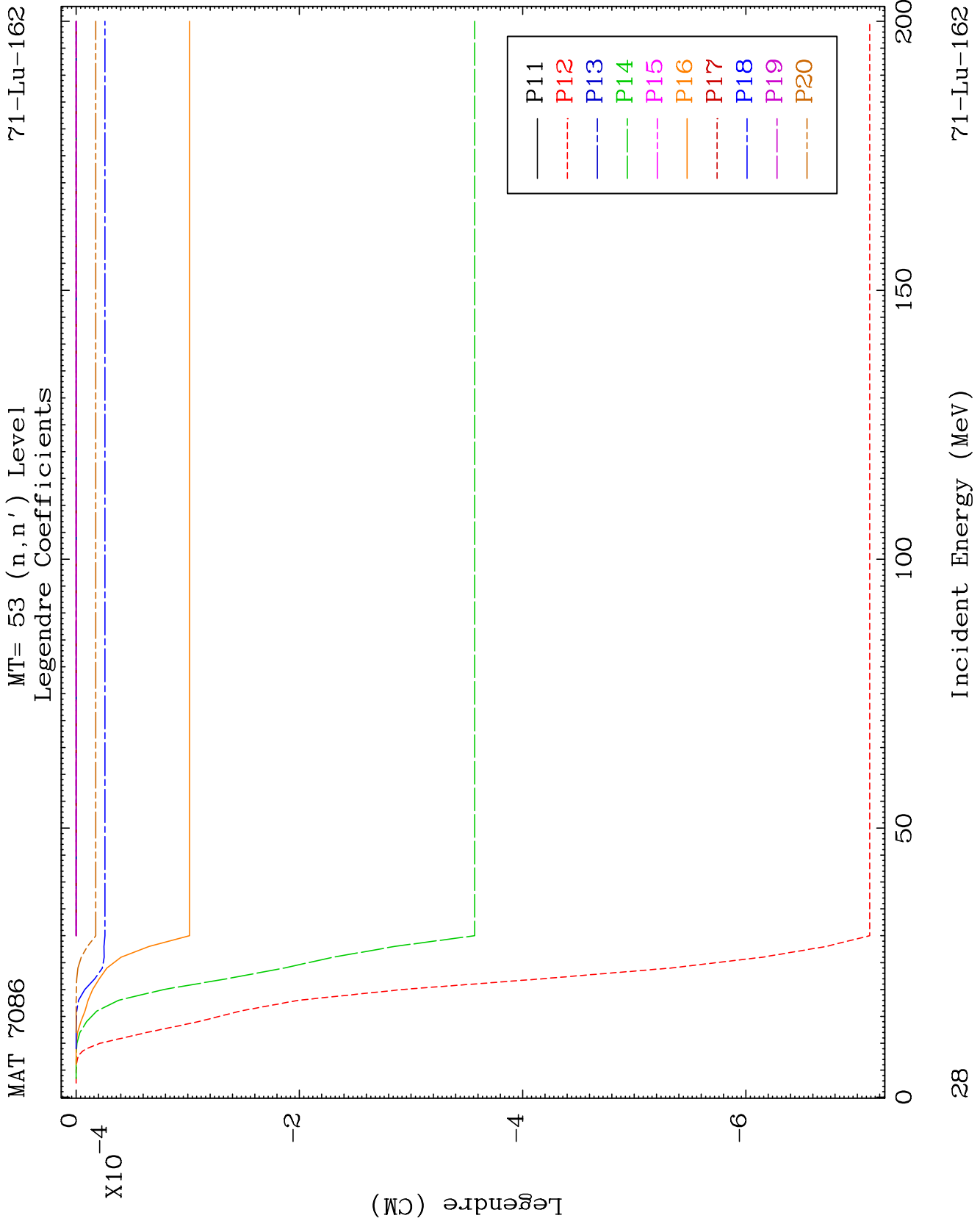
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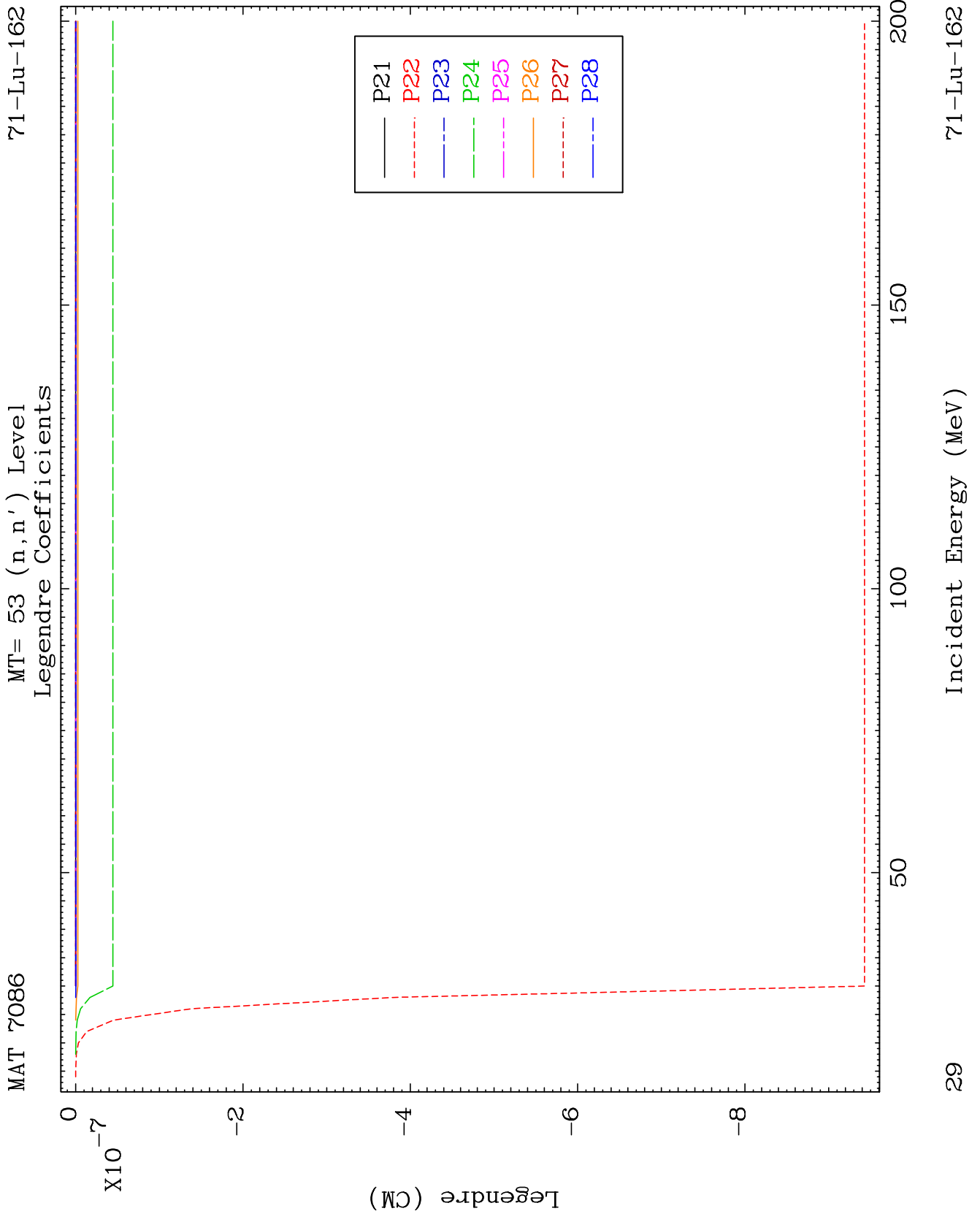
Incident Energy (MeV)

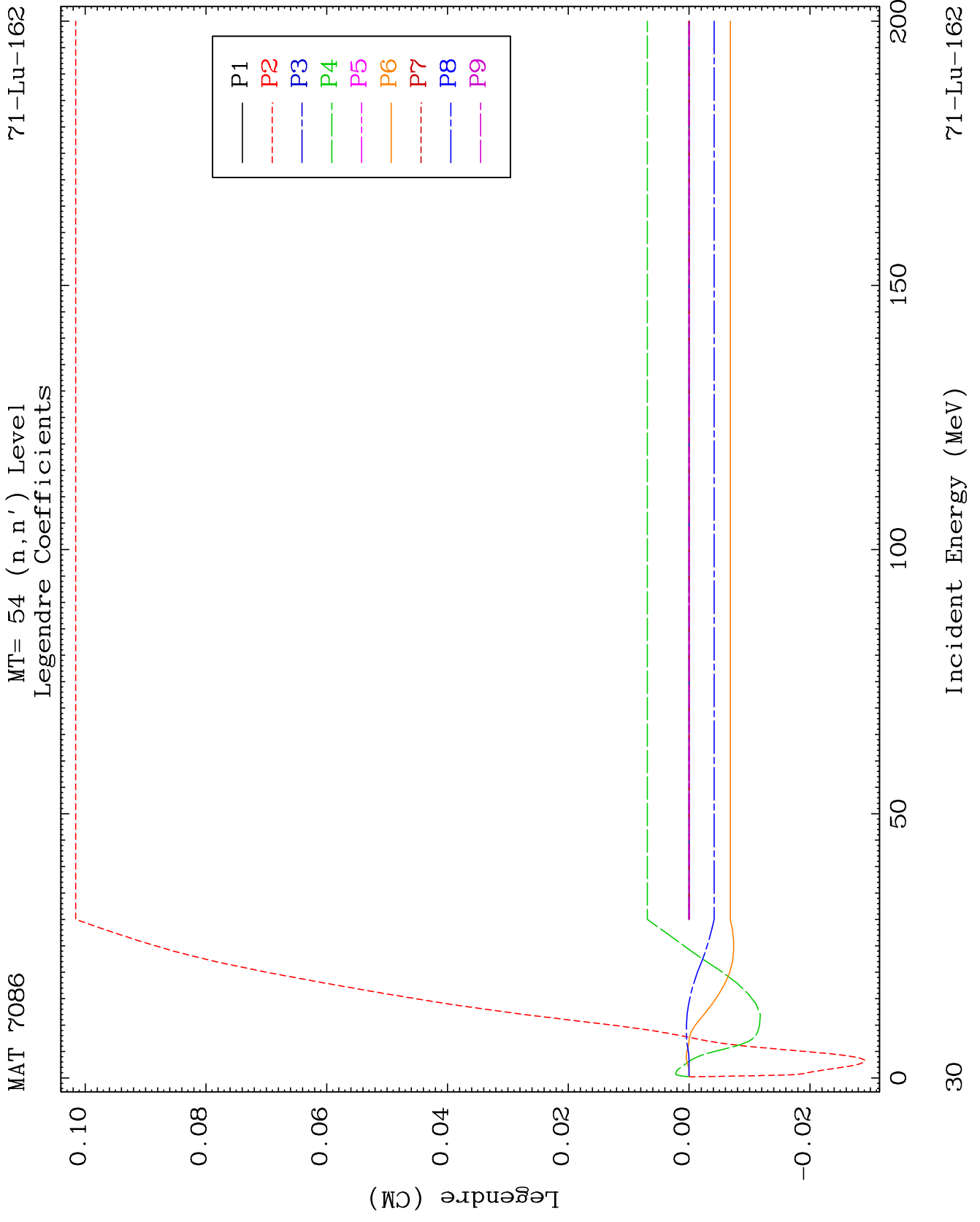
71-Lu-162







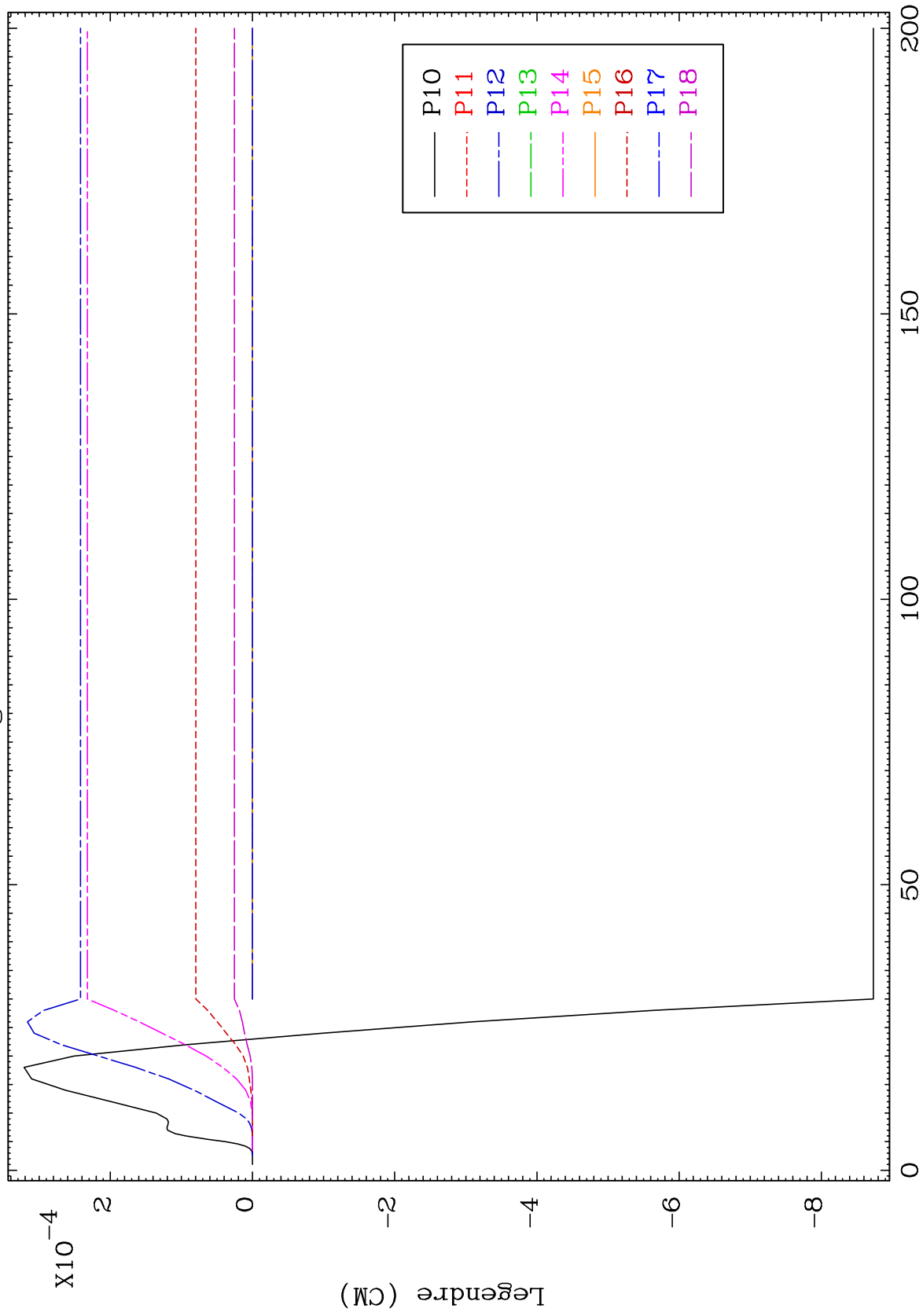




MAT 7086

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

71-Lu-162



31

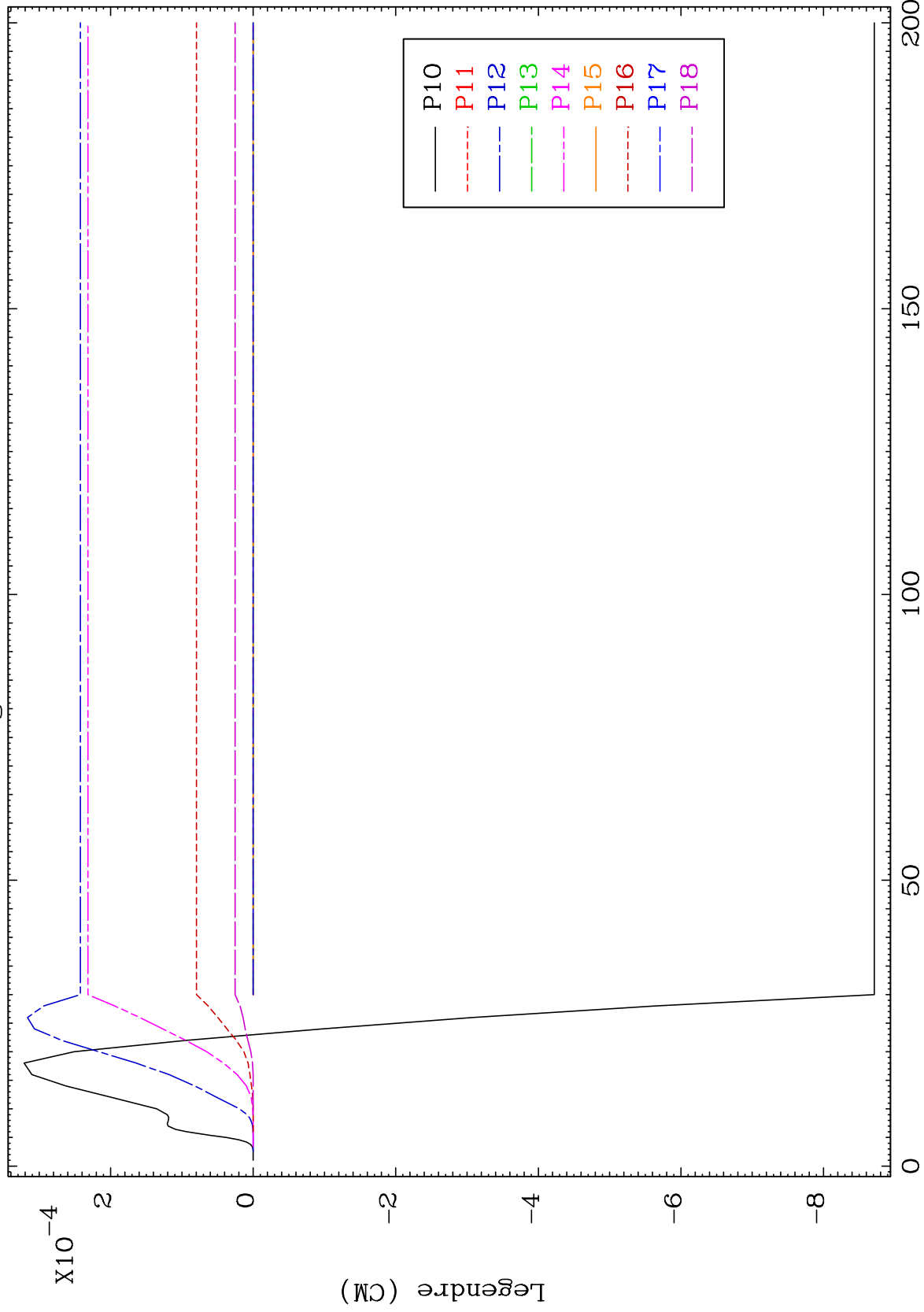
Incident Energy (MeV)

71-Lu-162

MAT 7086

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

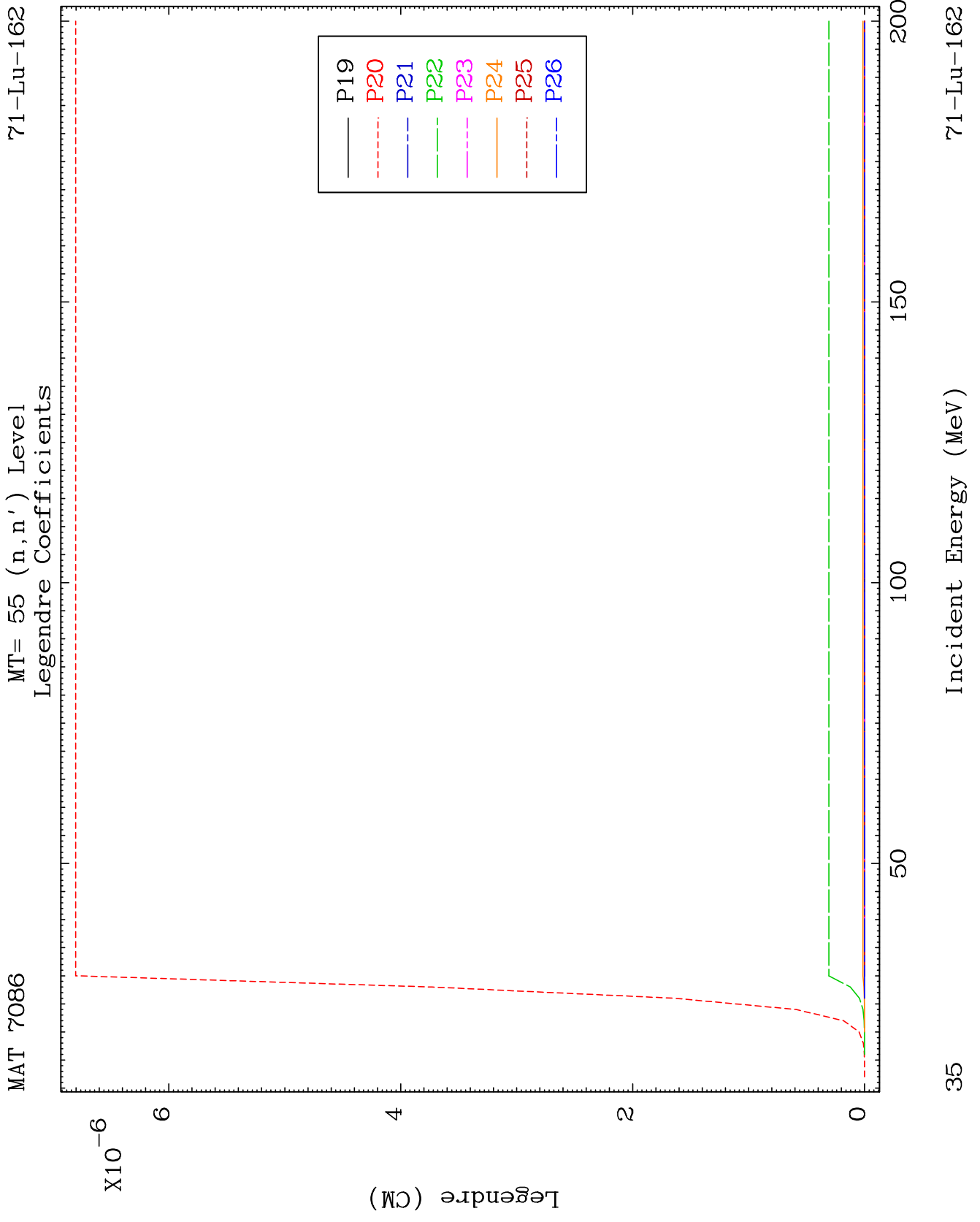
71-Lu-162



34

Incident Energy (MeV)

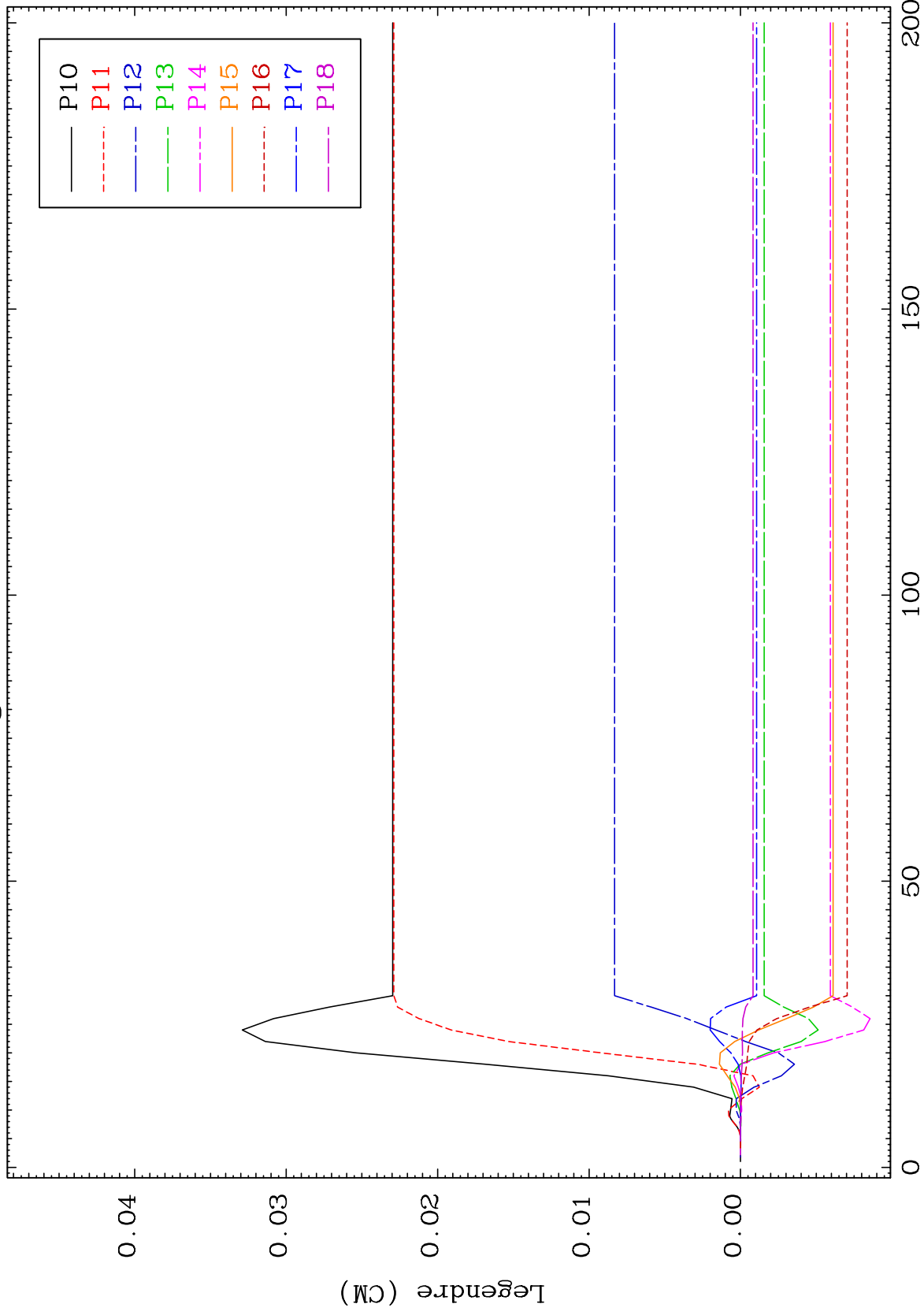
71-Lu-162



MAT 7086

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

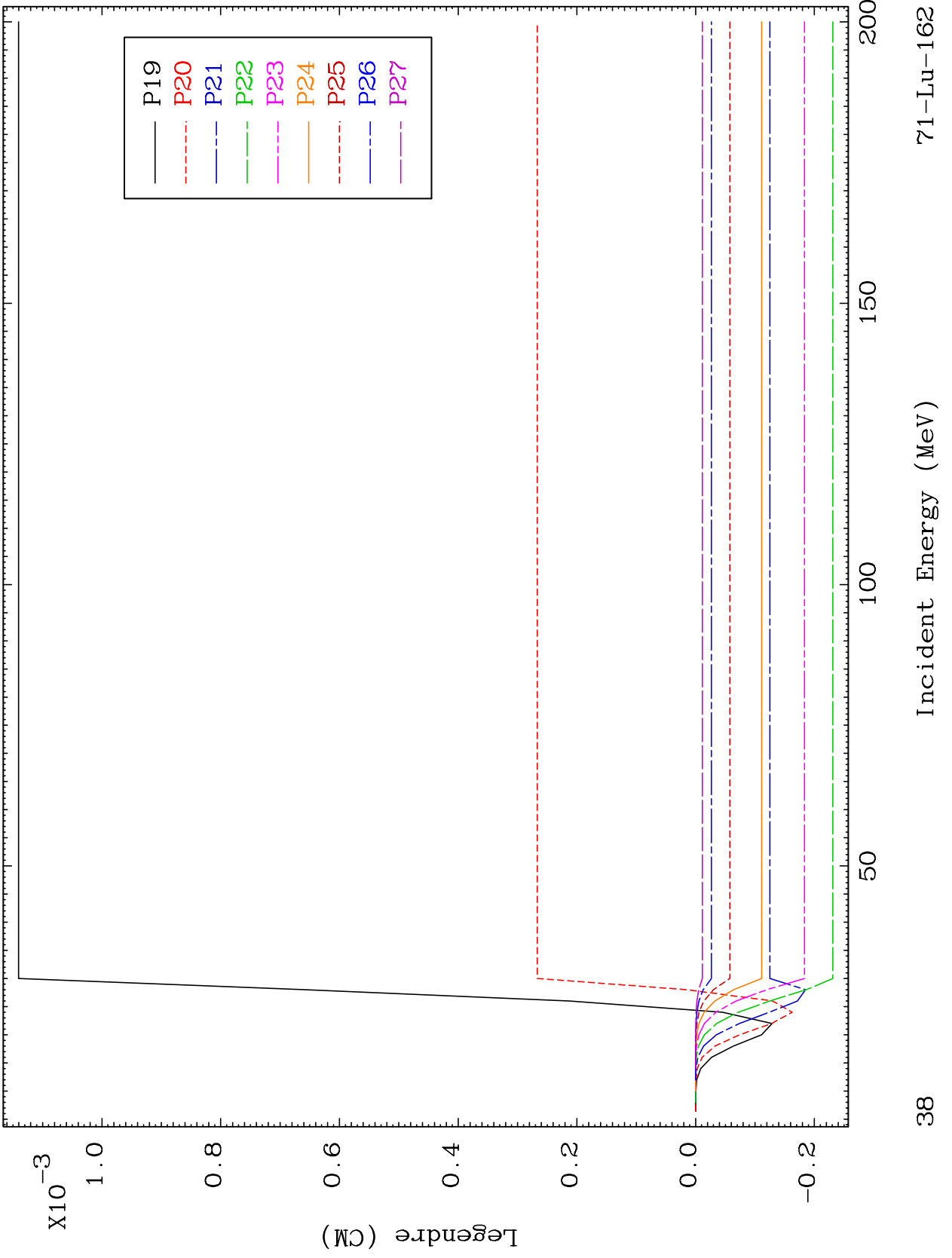
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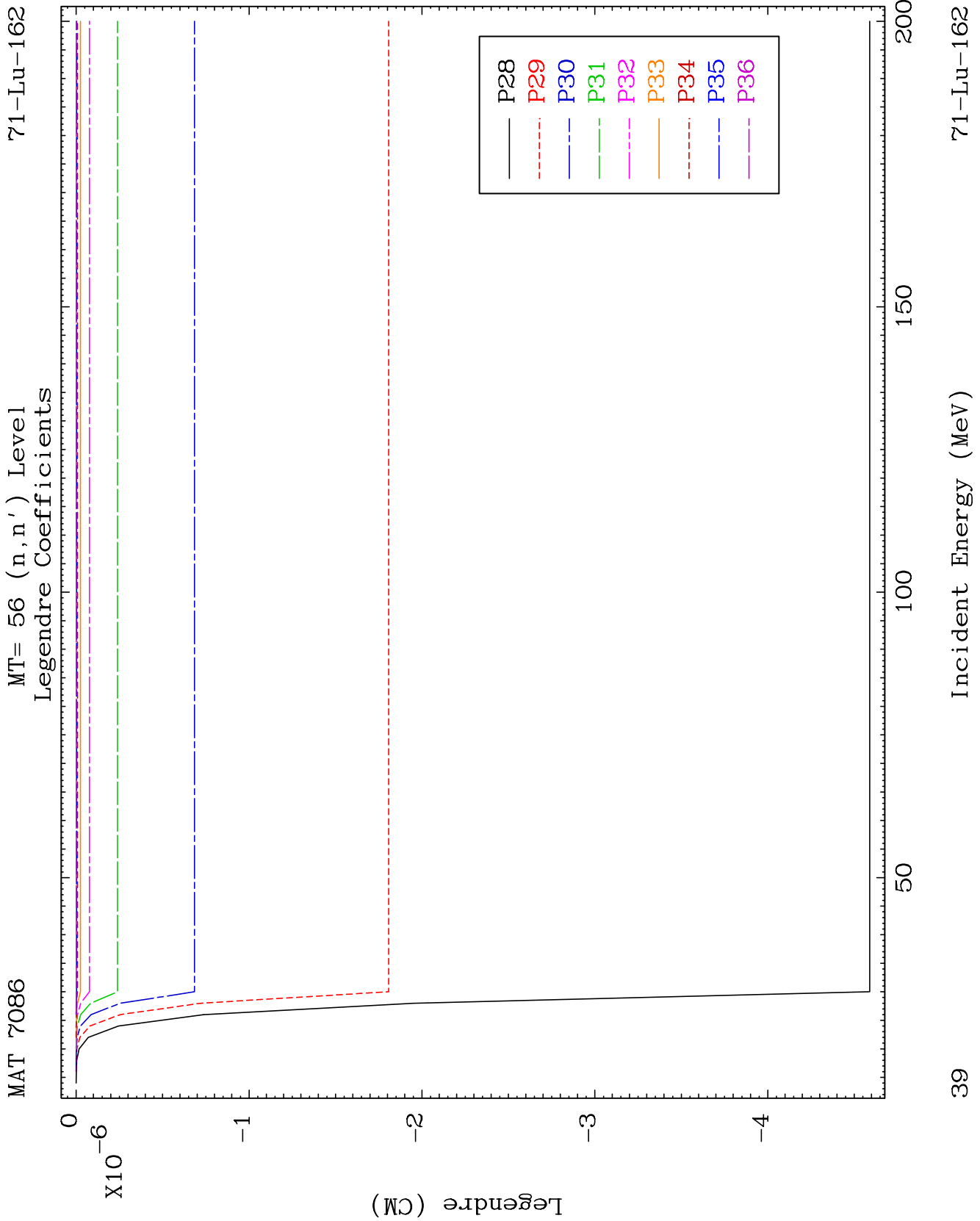


37

Incident Energy (MeV)

71-Lu-162

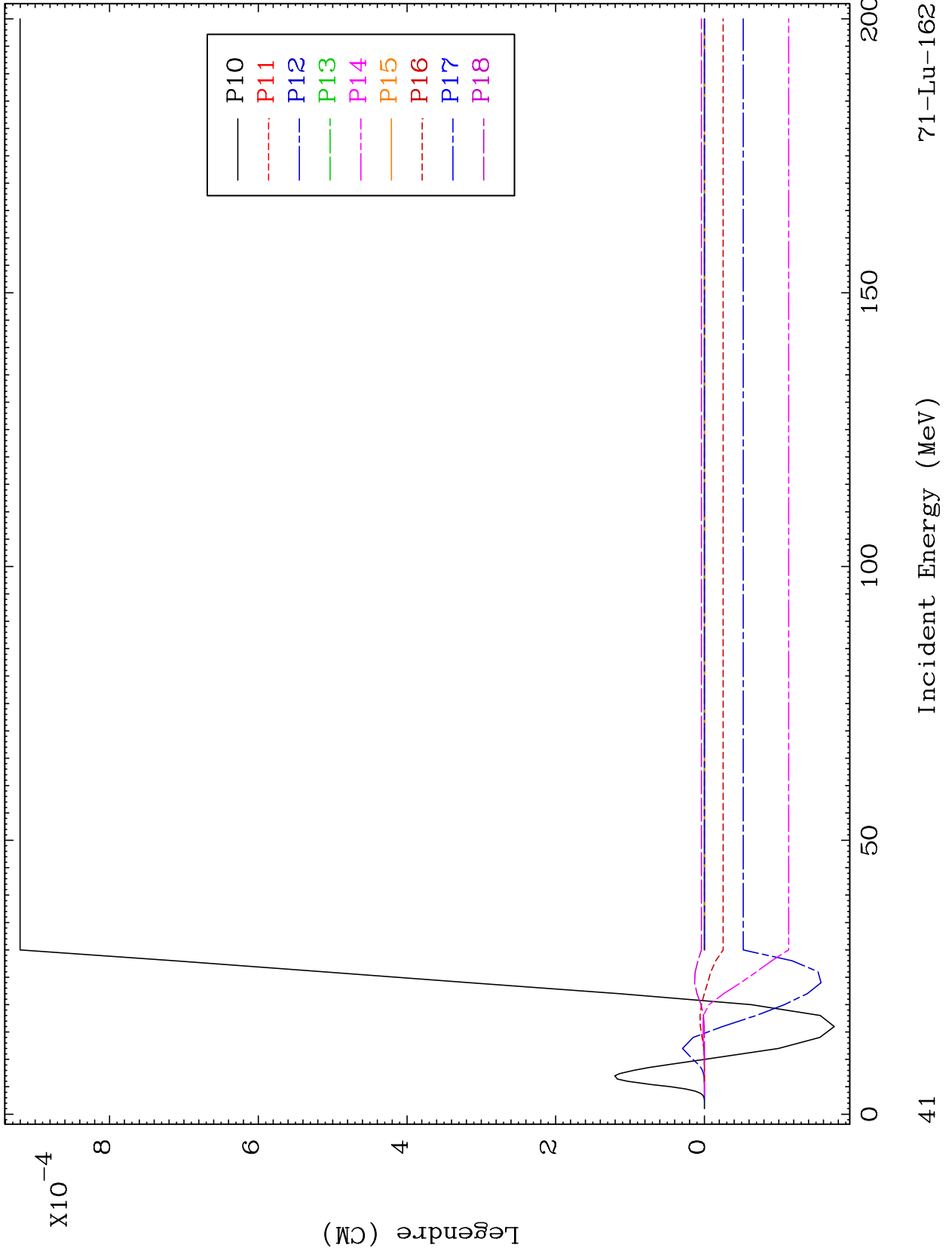




MAT 7086

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

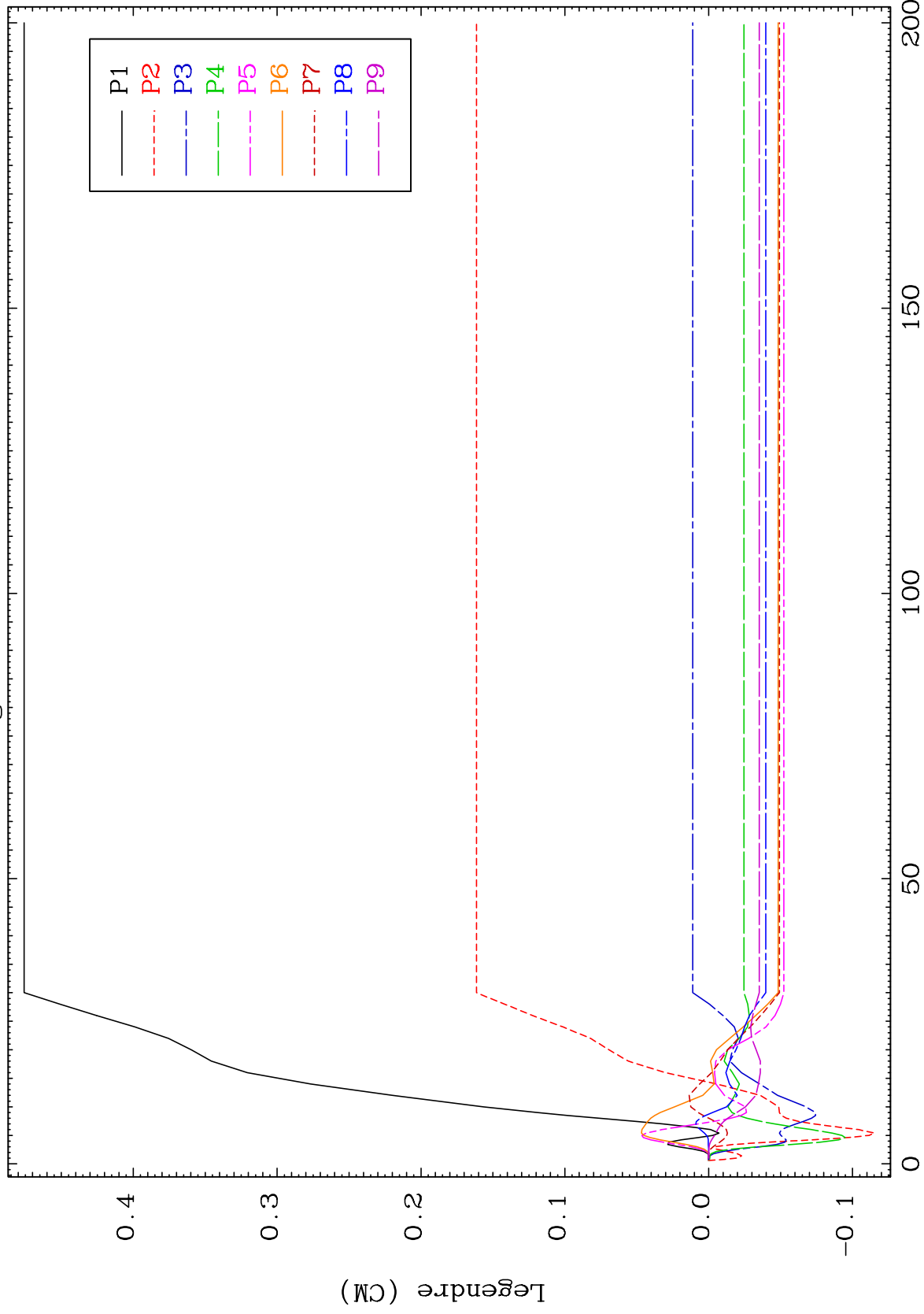
71-Lu-162



MAT 7086

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

71-Lu-162



43

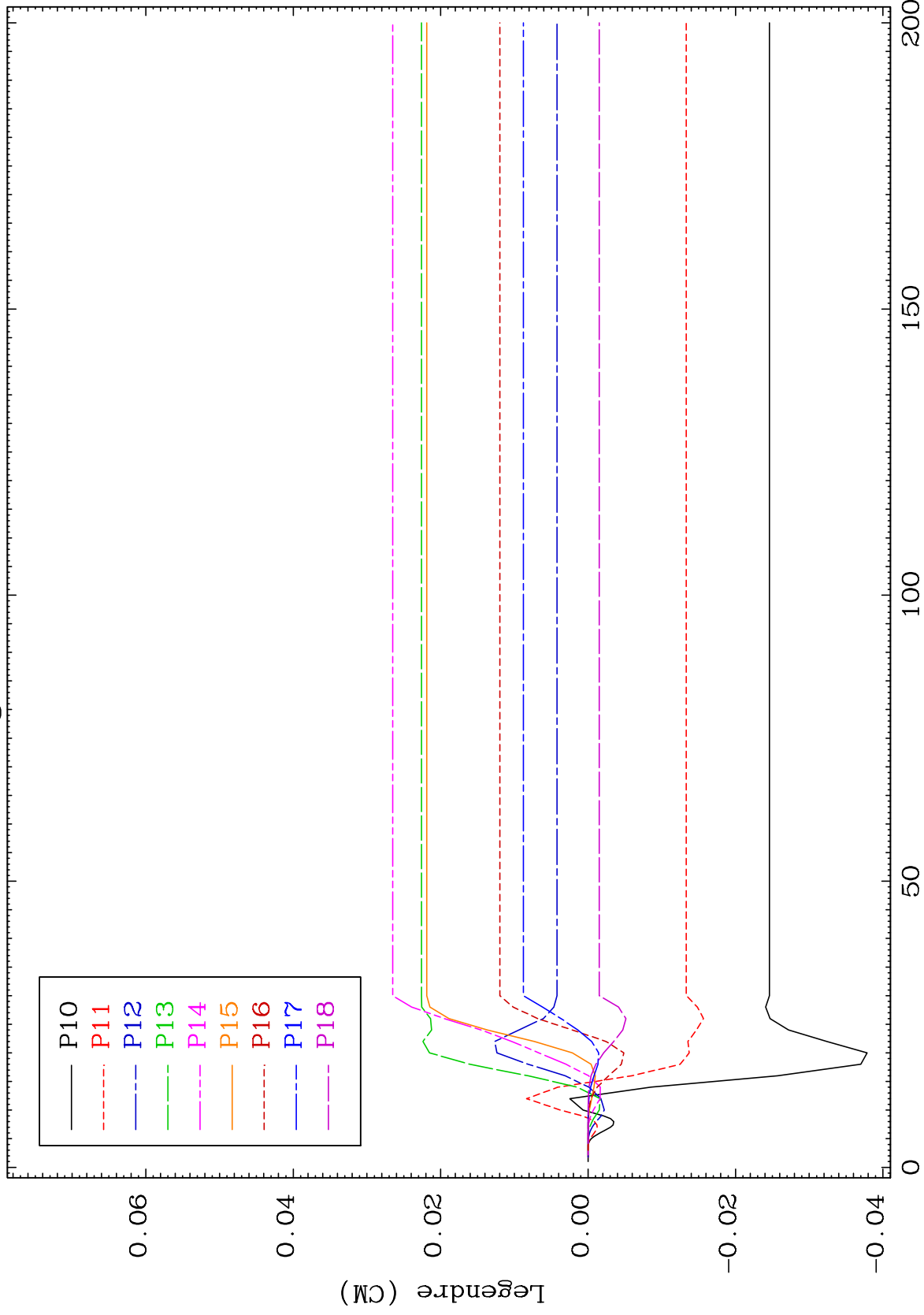
Incident Energy (MeV)

71-Lu-162

MAT 7086

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

71-Lu-162



44

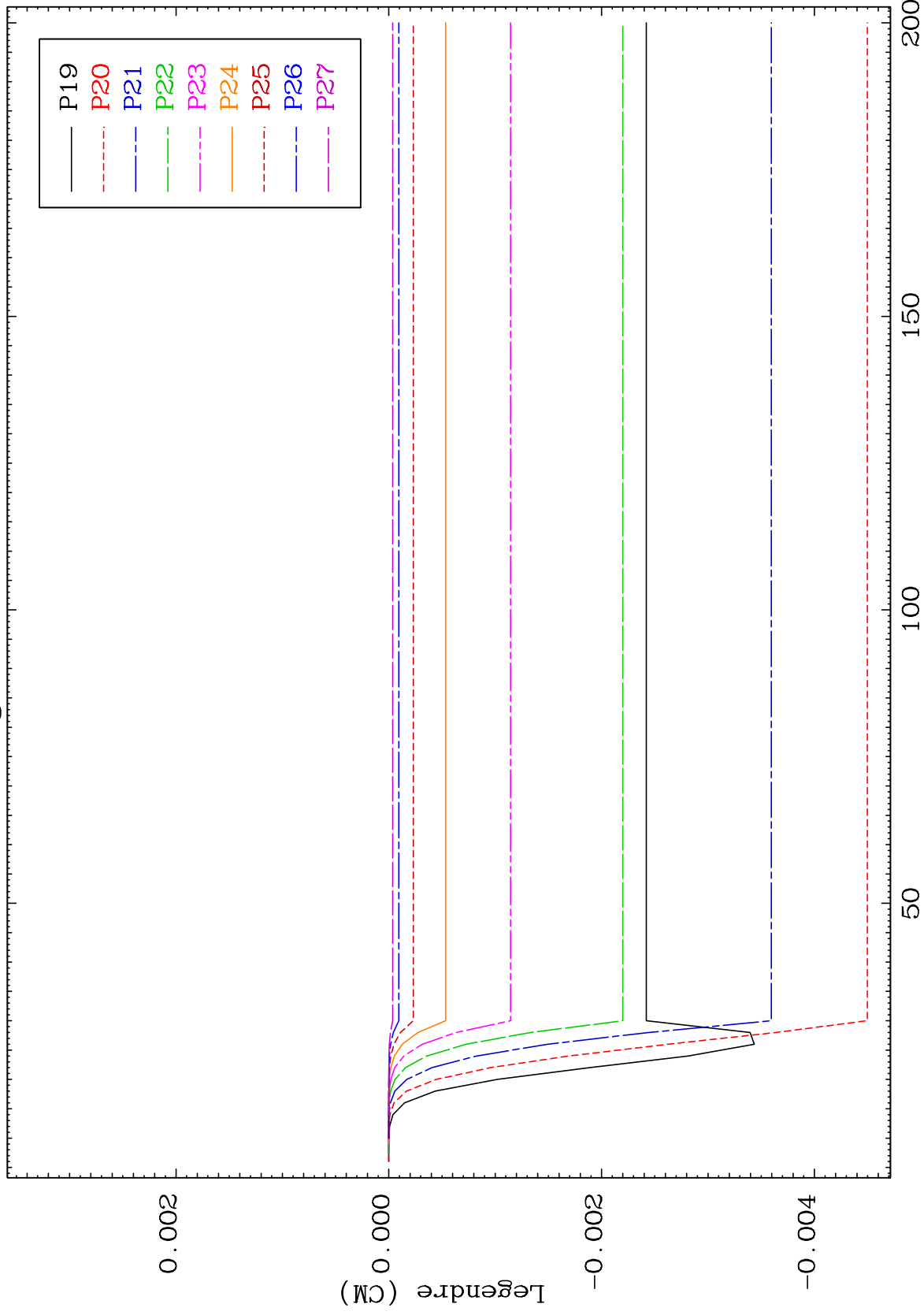
Incident Energy (MeV)

71-Lu-162

MAT 7086

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

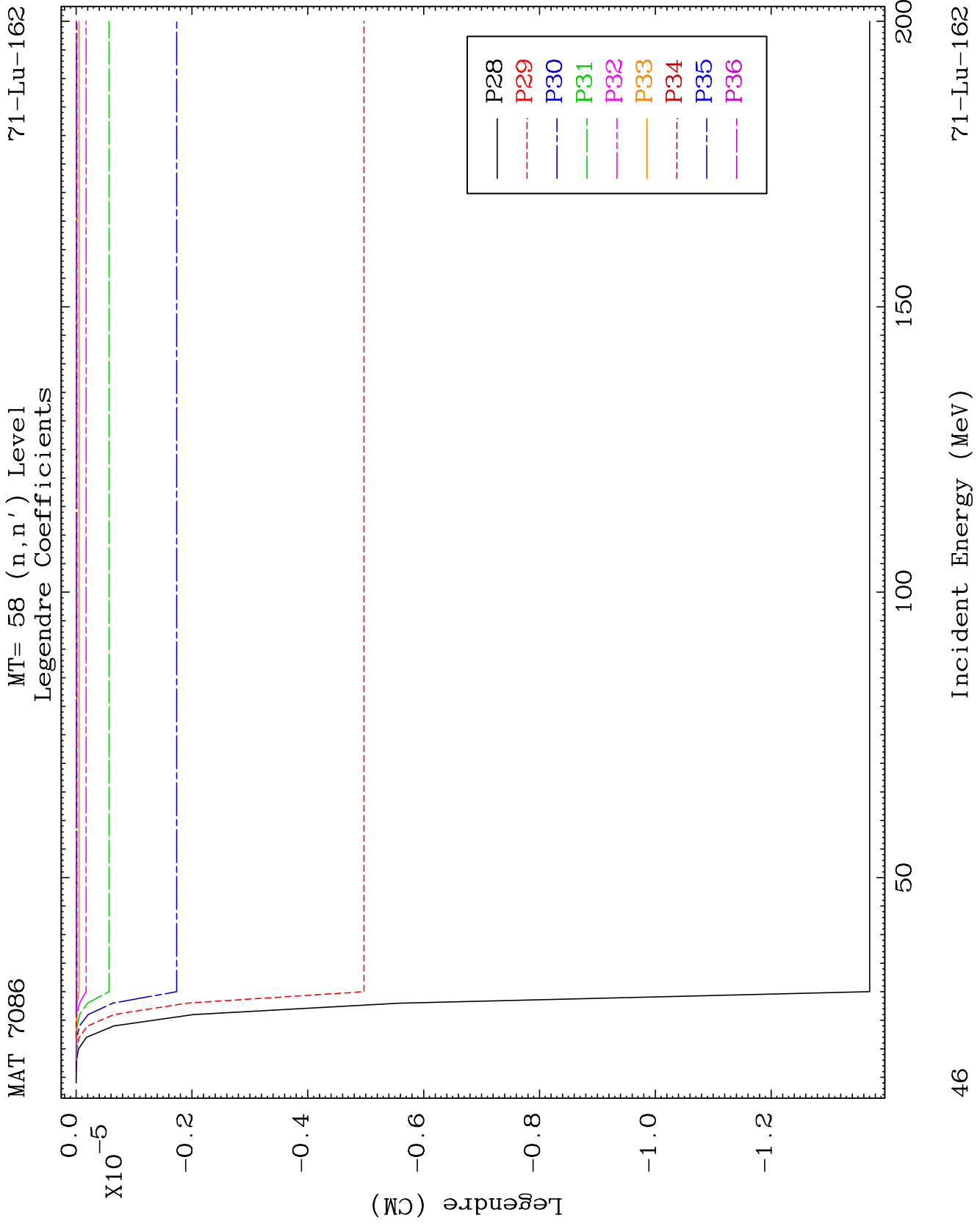
71-Lu-162



45

Incident Energy (MeV)

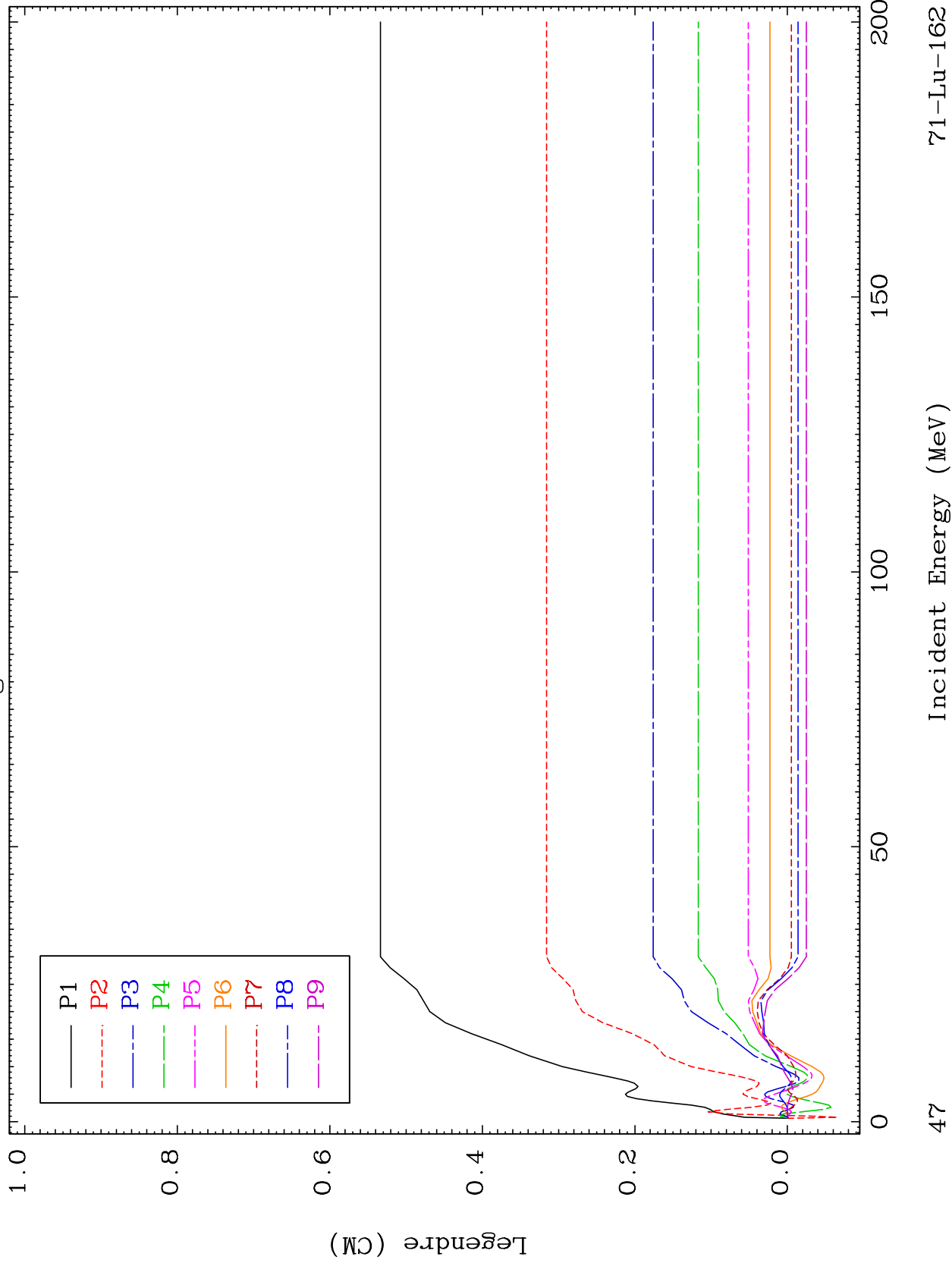
71-Lu-162



MAT 7086

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

71-Lu-162



71-Lu-162

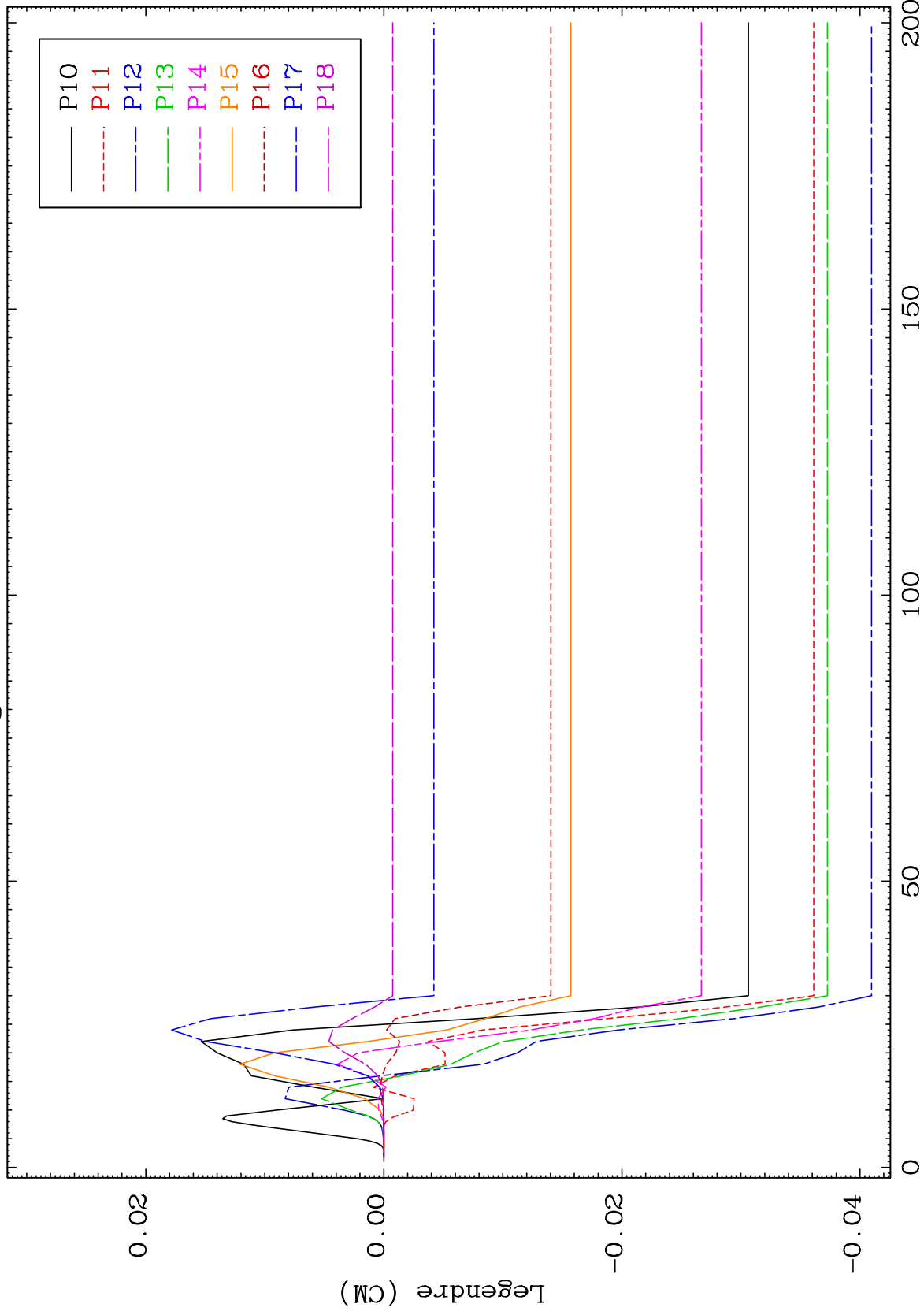
Incident Energy (MeV)

47

MAT 7086

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

71-Lu-162



48

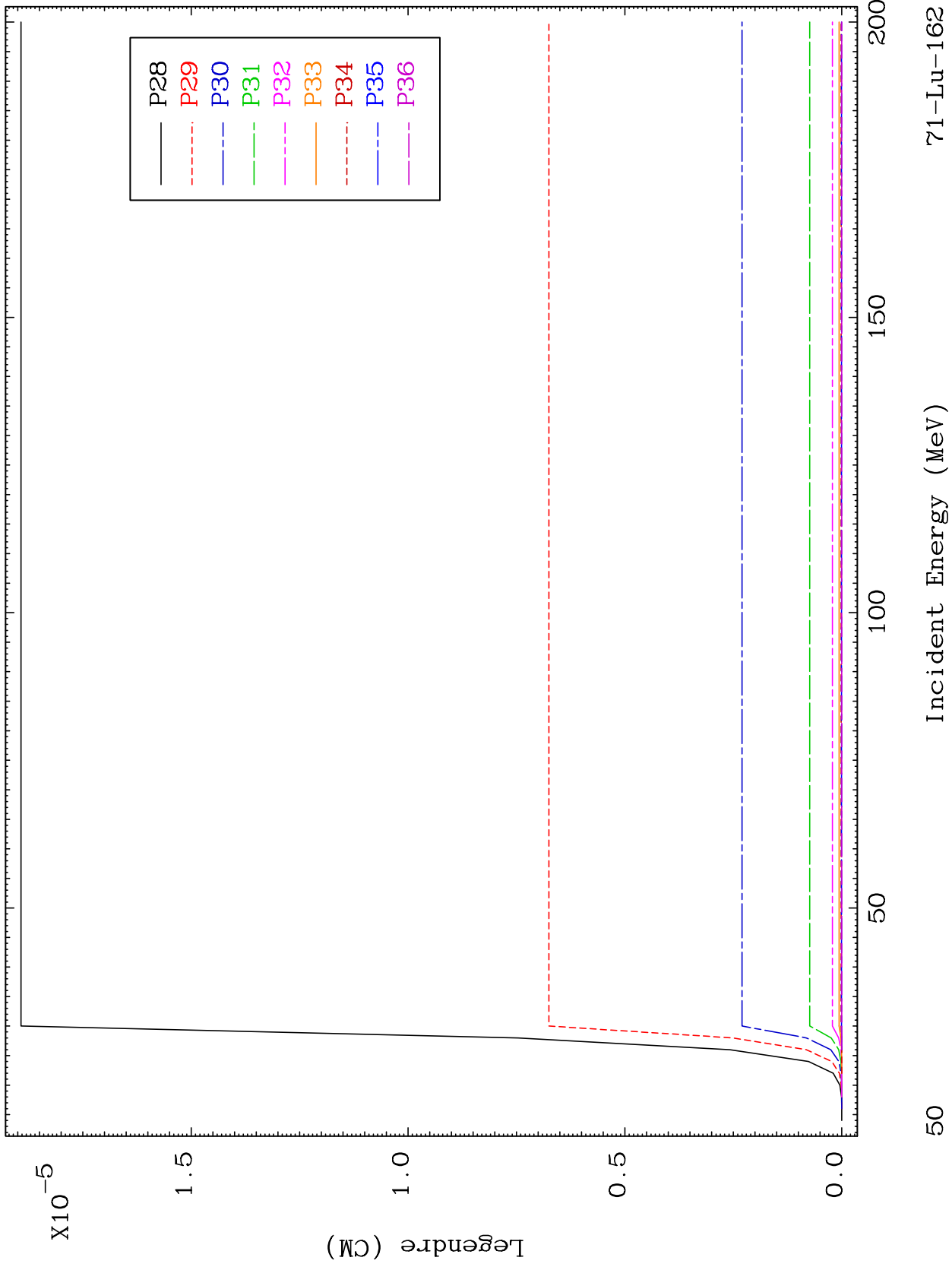
Incident Energy (MeV)

71-Lu-162

MAT 7086

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

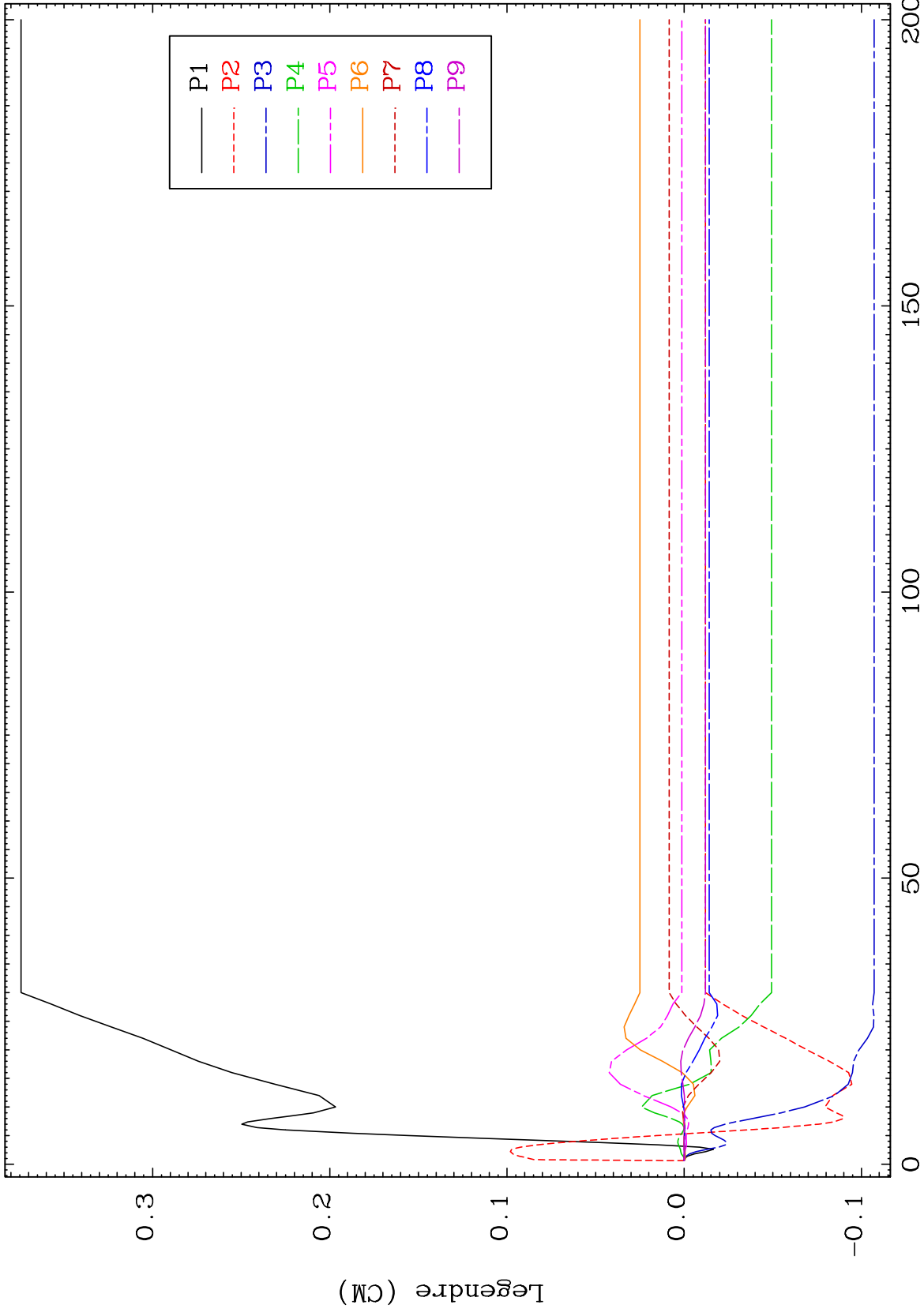
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MAT 7086

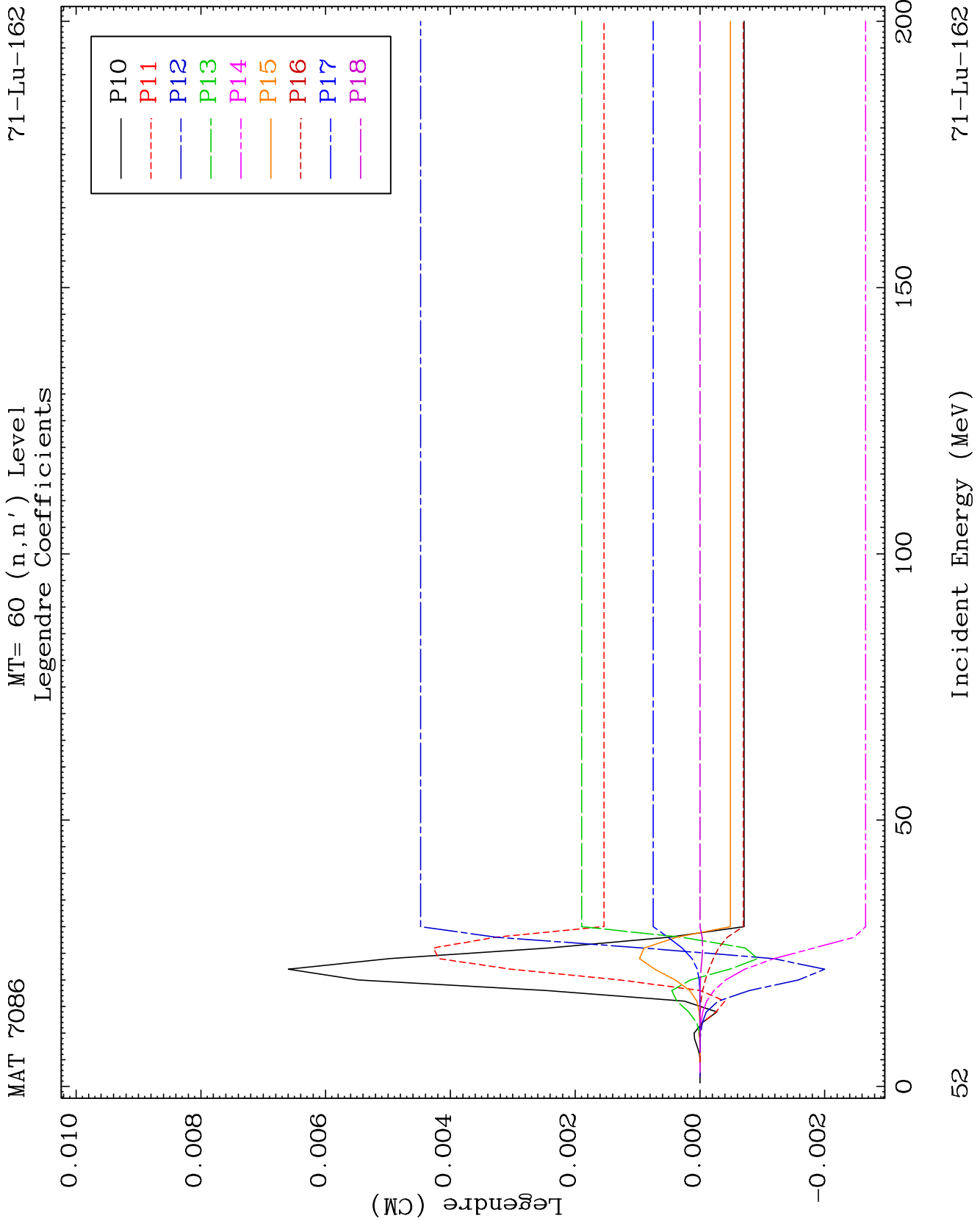
MT= 60 (n,n') Level
Legendre Coefficients

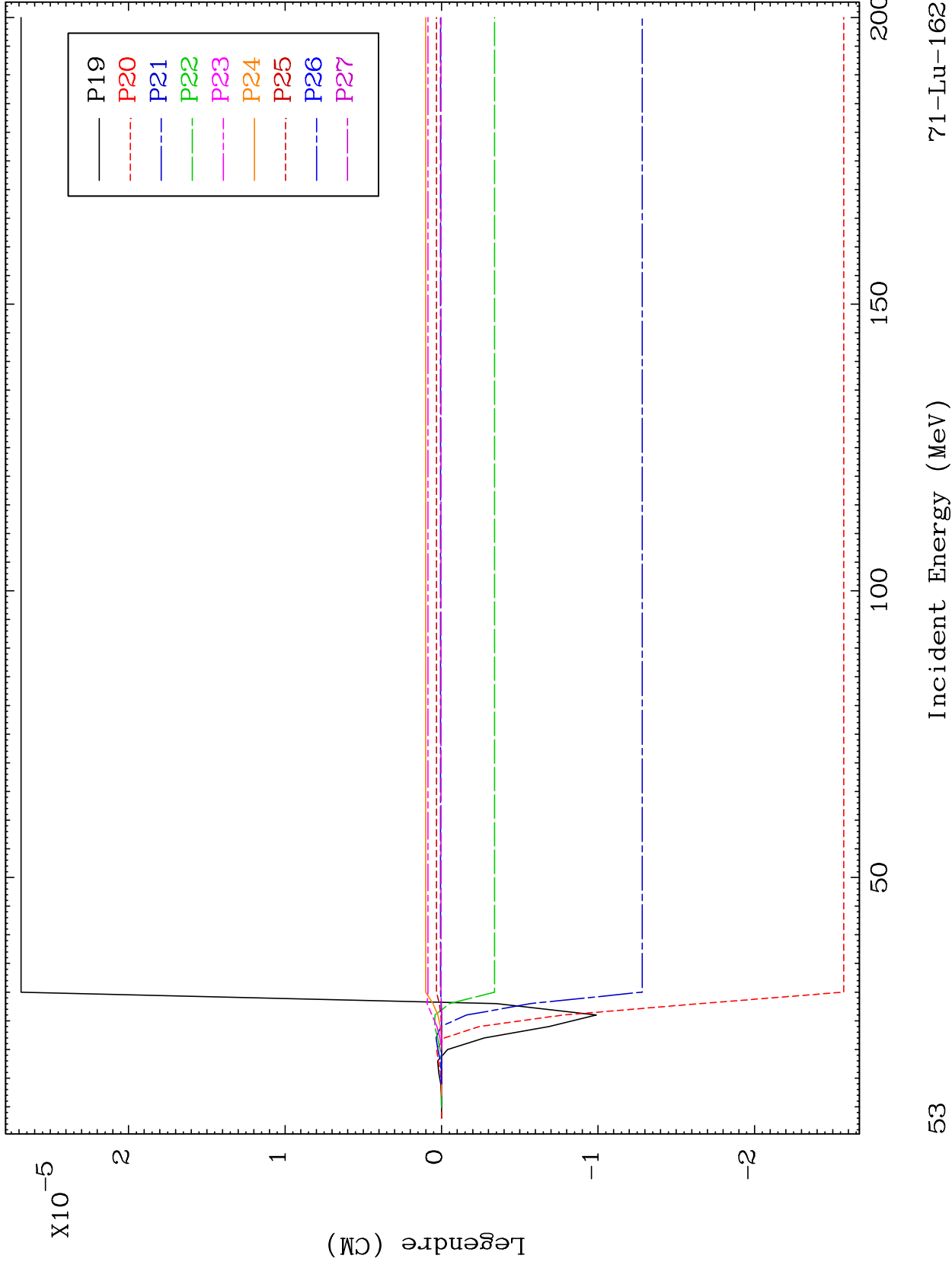
71-Lu-162



51

71-Lu-162

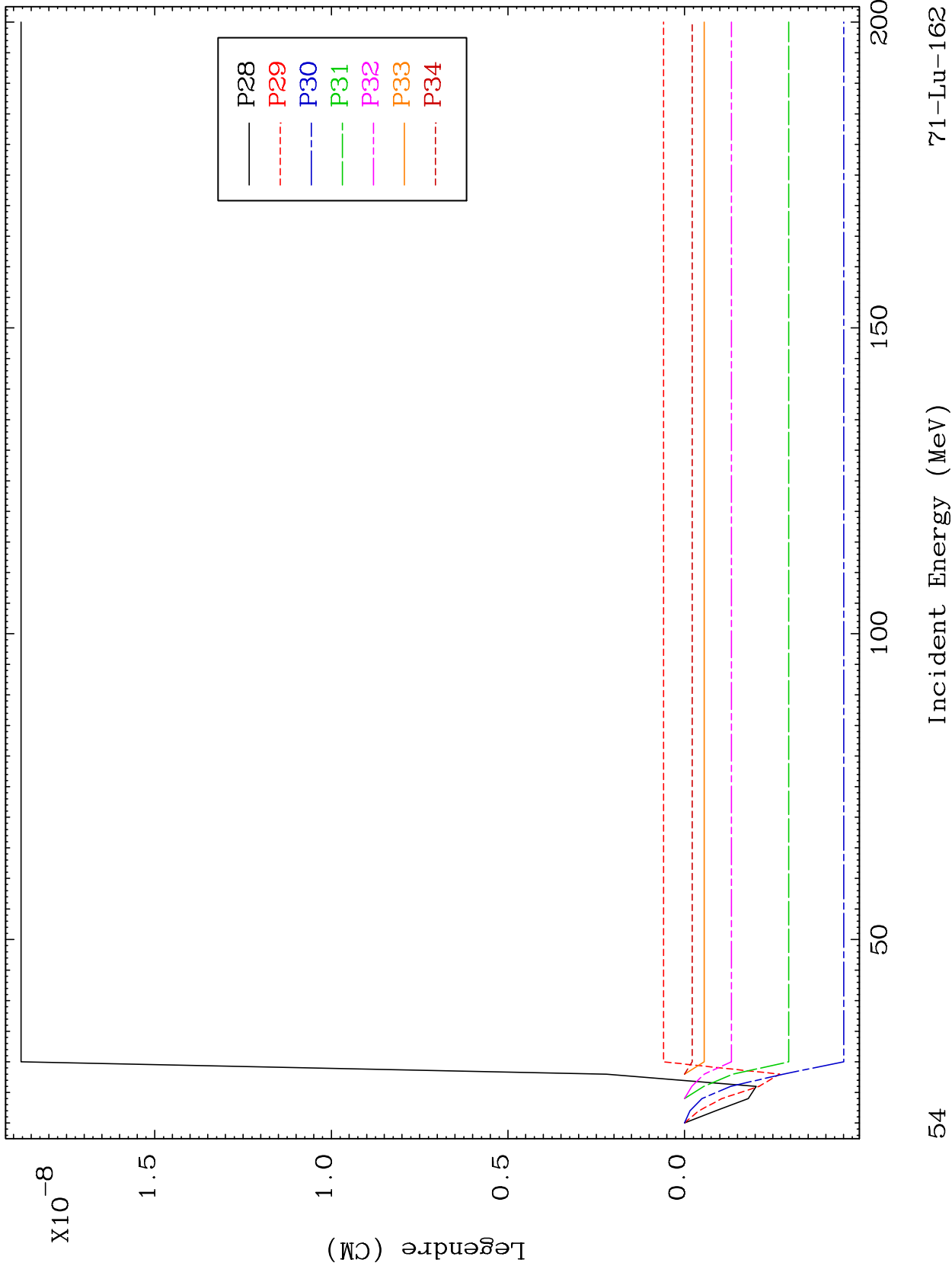


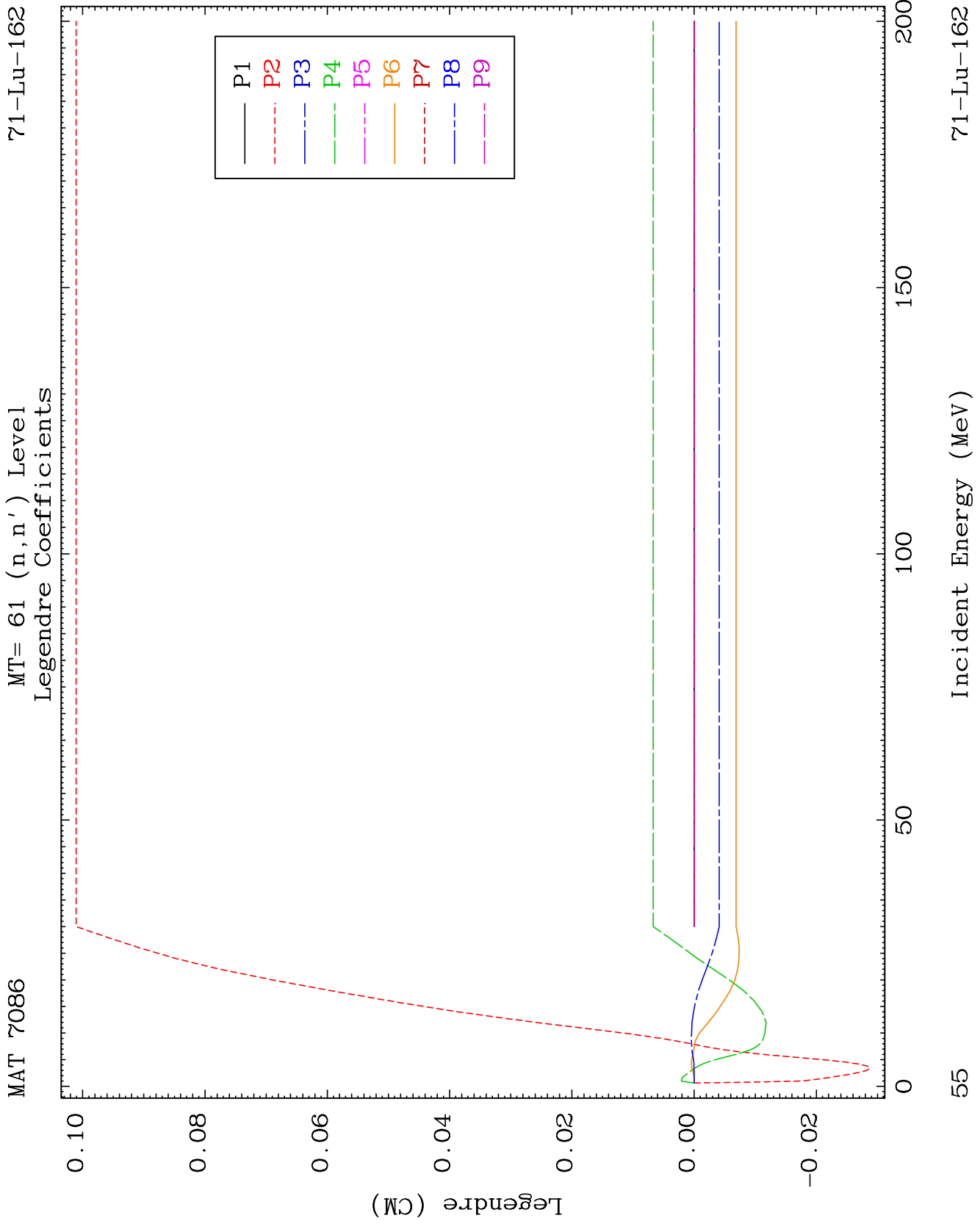


MAT 7086

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

71-Lu-162

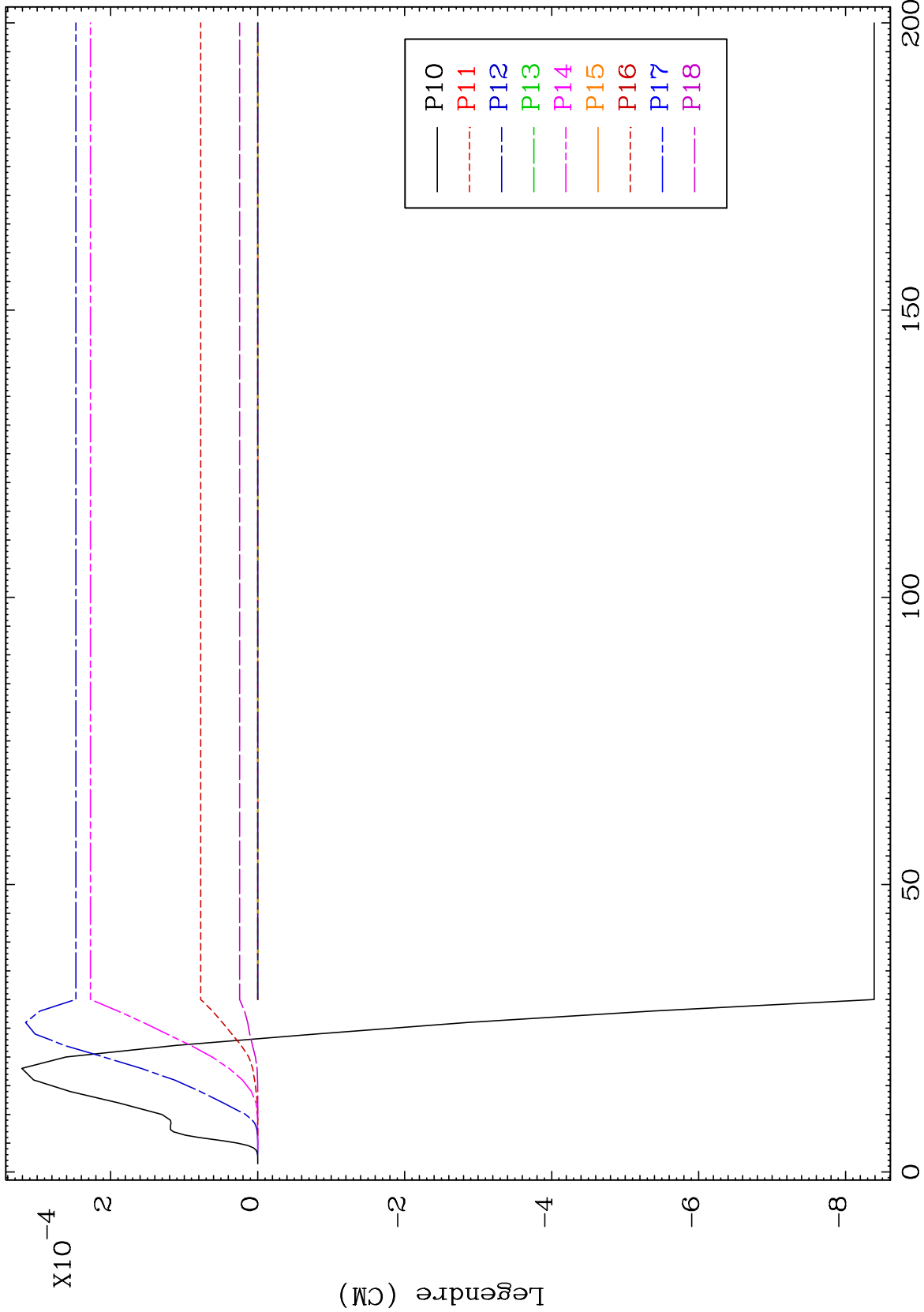




MAT 7086

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

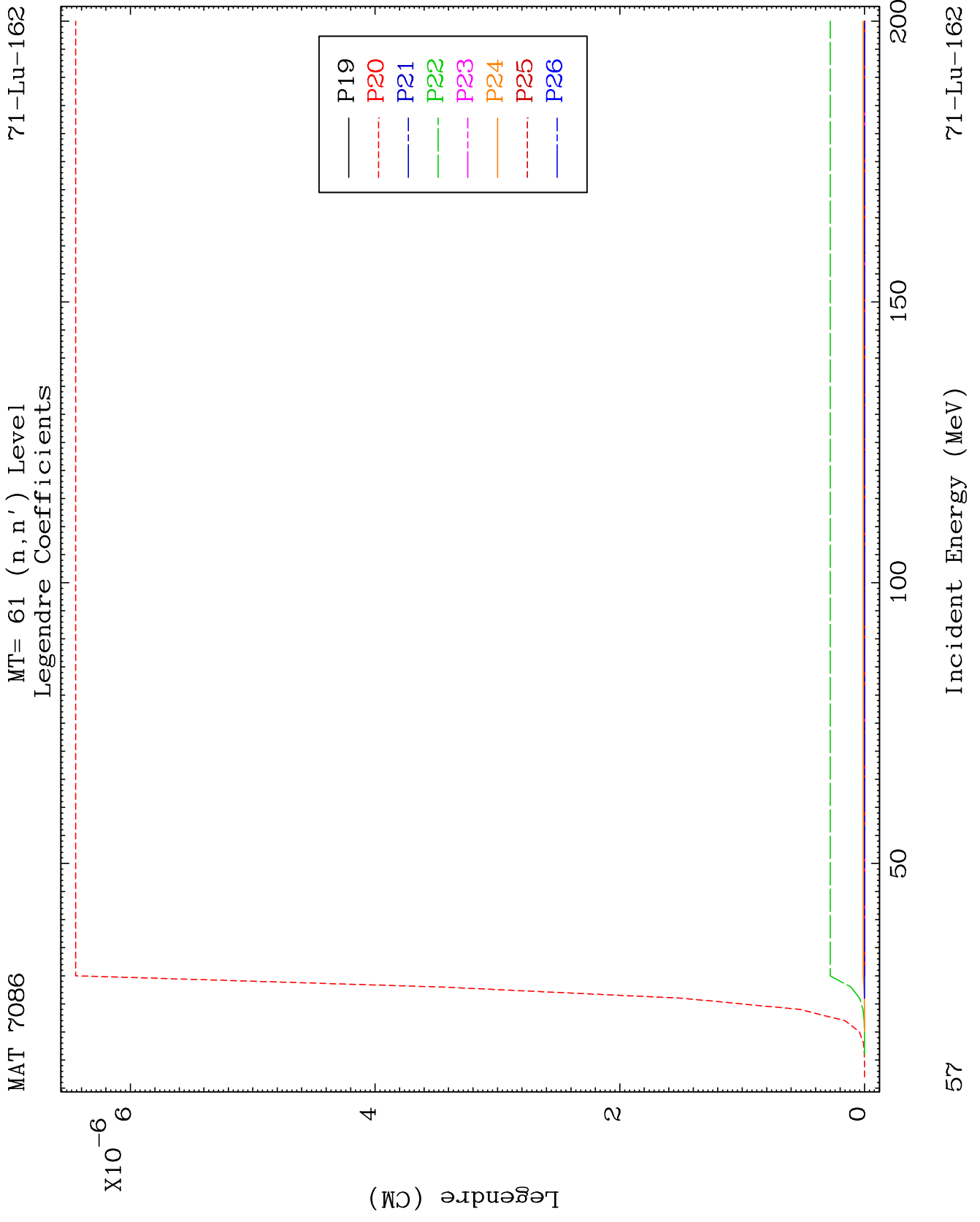
71-Lu-162



56

Incident Energy (MeV)

71-Lu-162



71-Lu-162

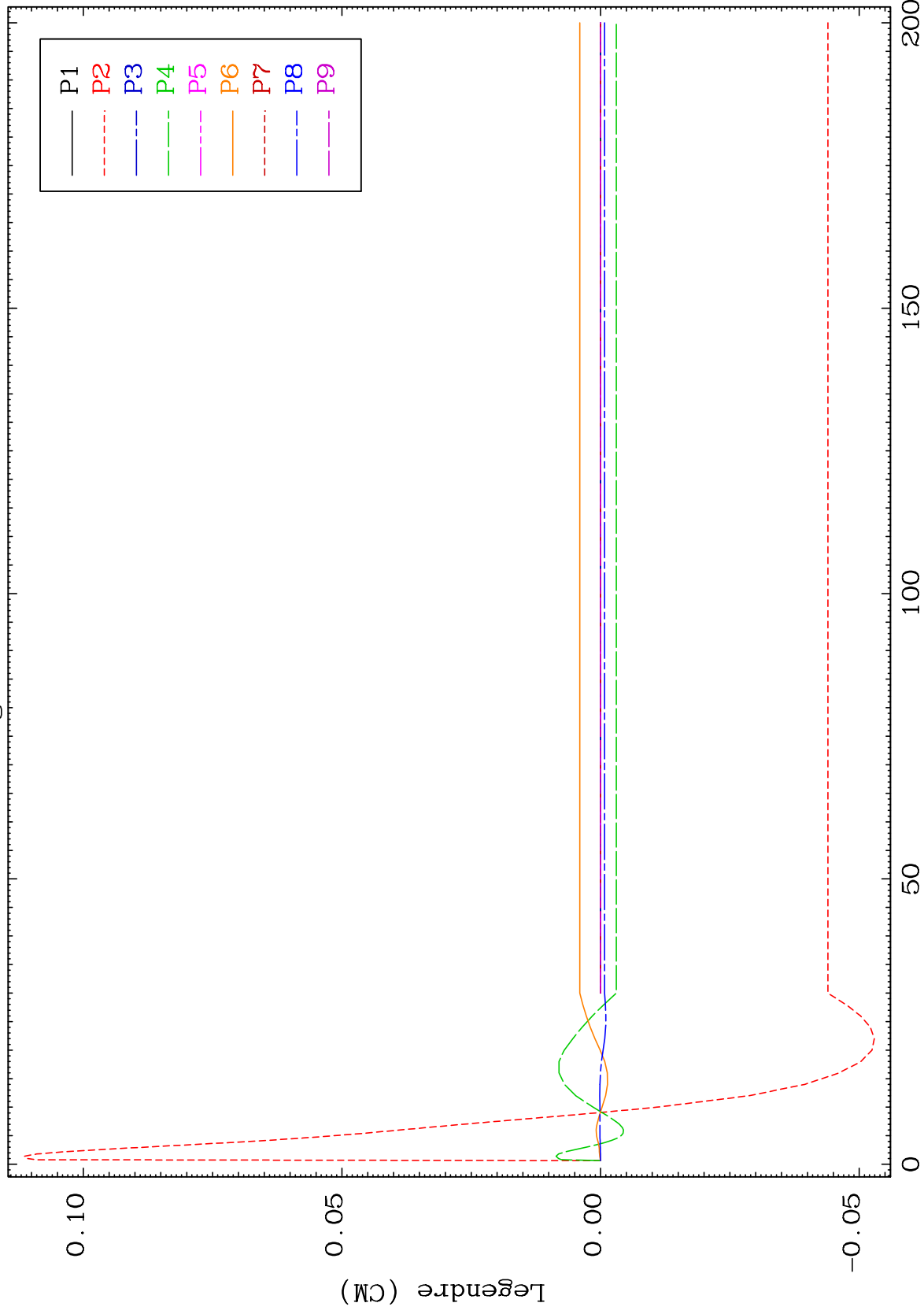
Incident Energy (MeV)

57

MAT 7086

MT= 62 (n,n') Level
Legendre Coefficients

71-Lu-162



58

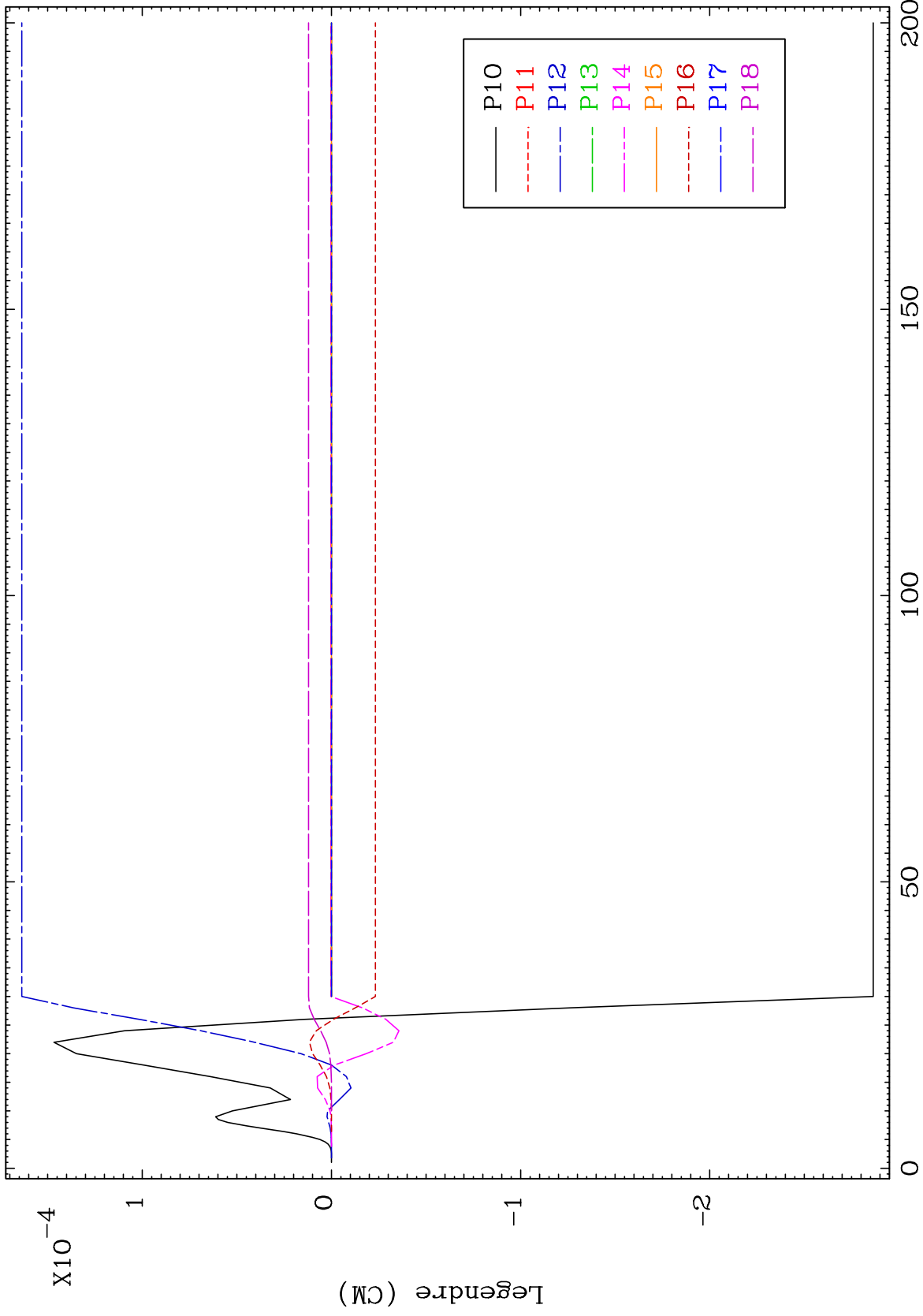
Incident Energy (MeV)

71-Lu-162

MAT 7086

MT= 62 (n,n') Level
Legendre Coefficients

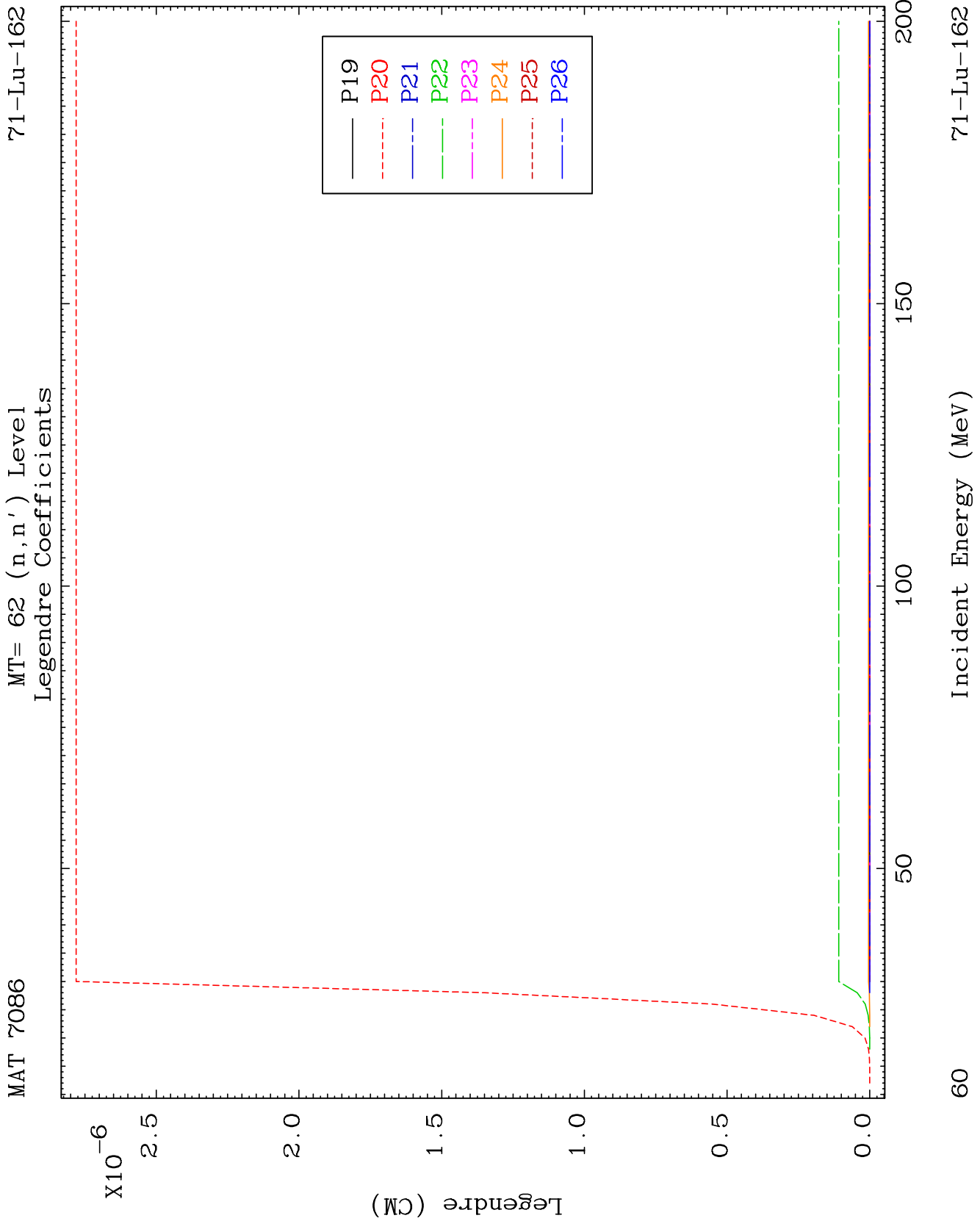
71-Lu-162



59

Incident Energy (MeV)

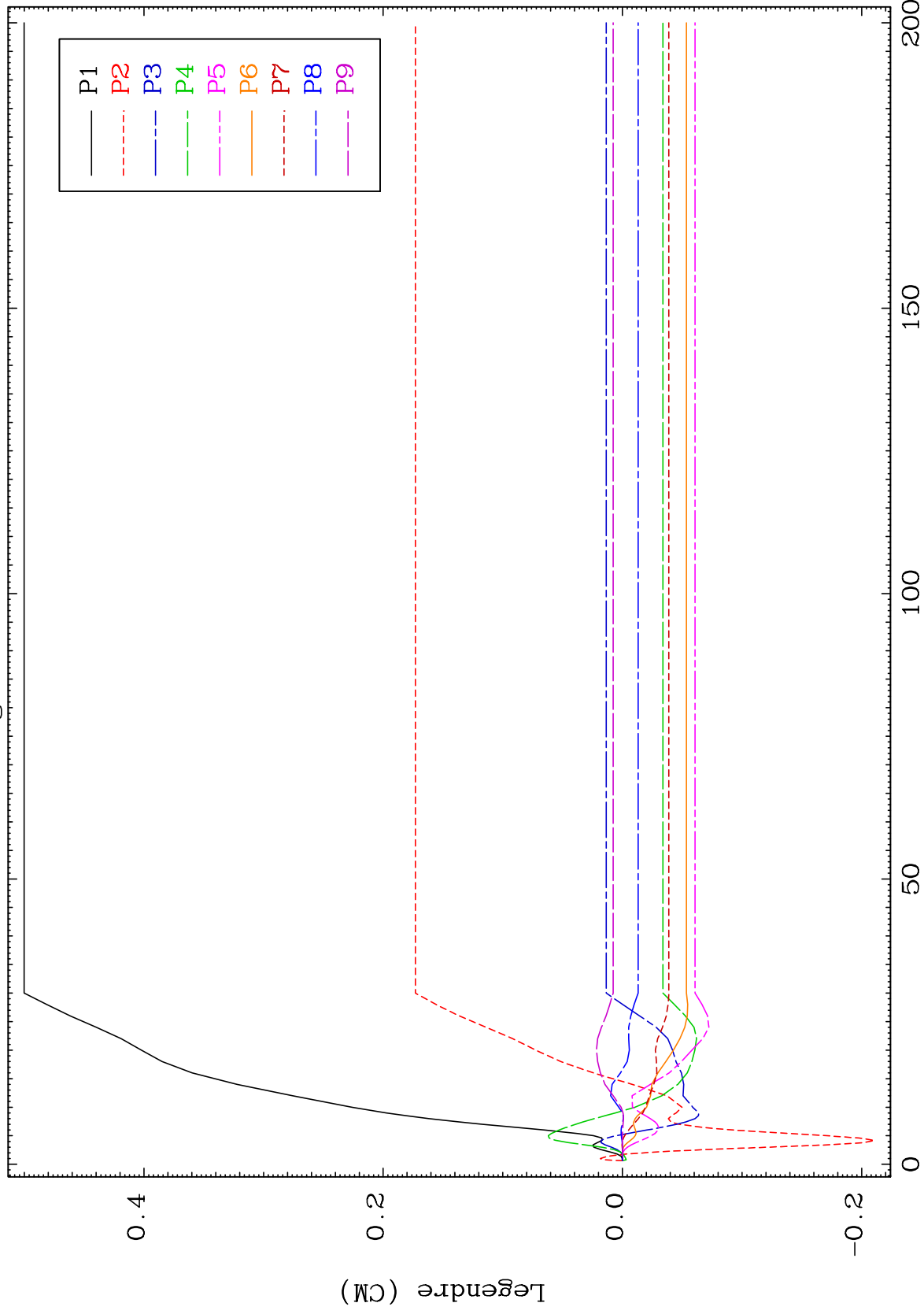
71-Lu-162



MAT 7086

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

71-Lu-162



61

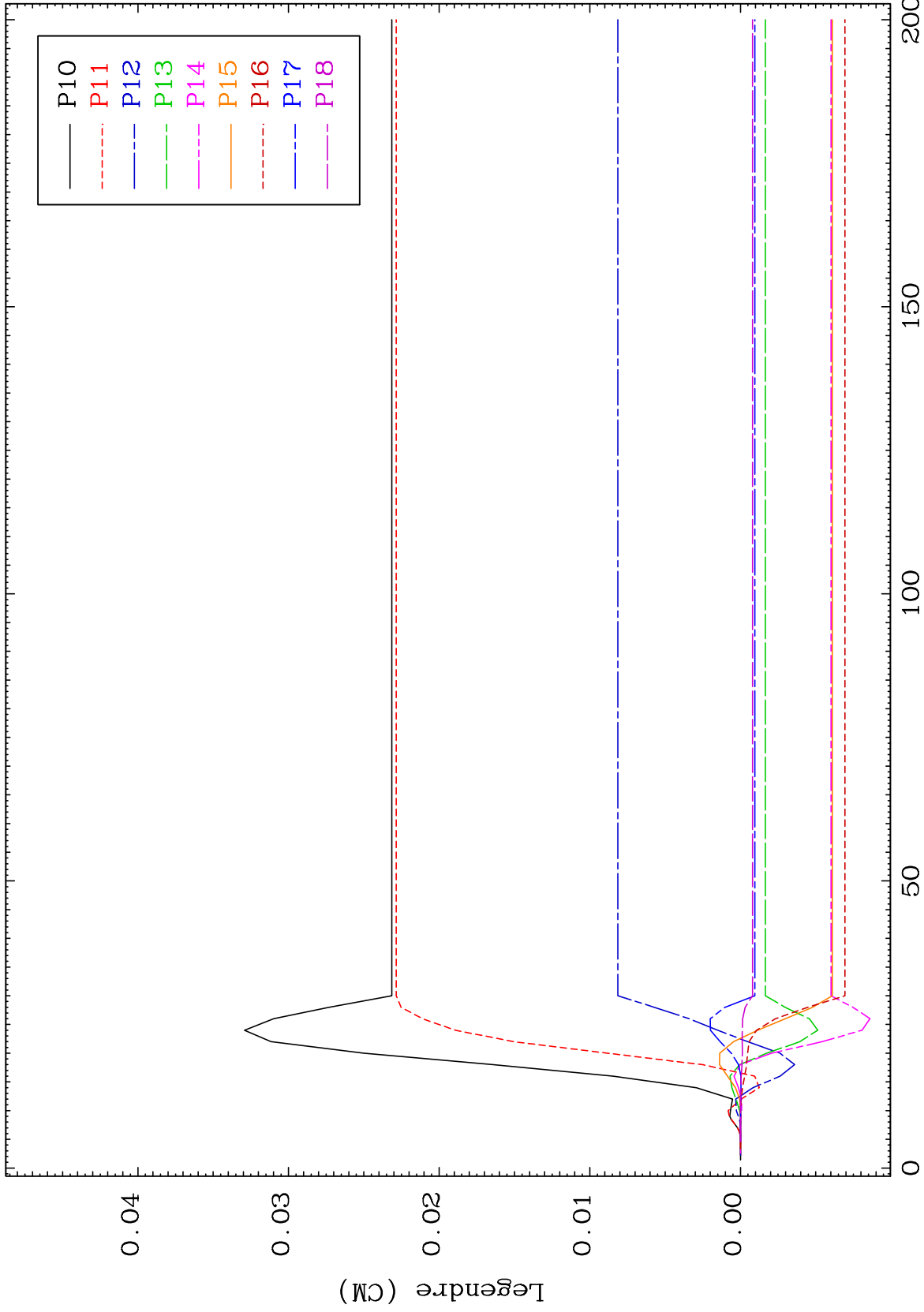
Incident Energy (MeV)

71-Lu-162

MAT 7086

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

71-Lu-162



62

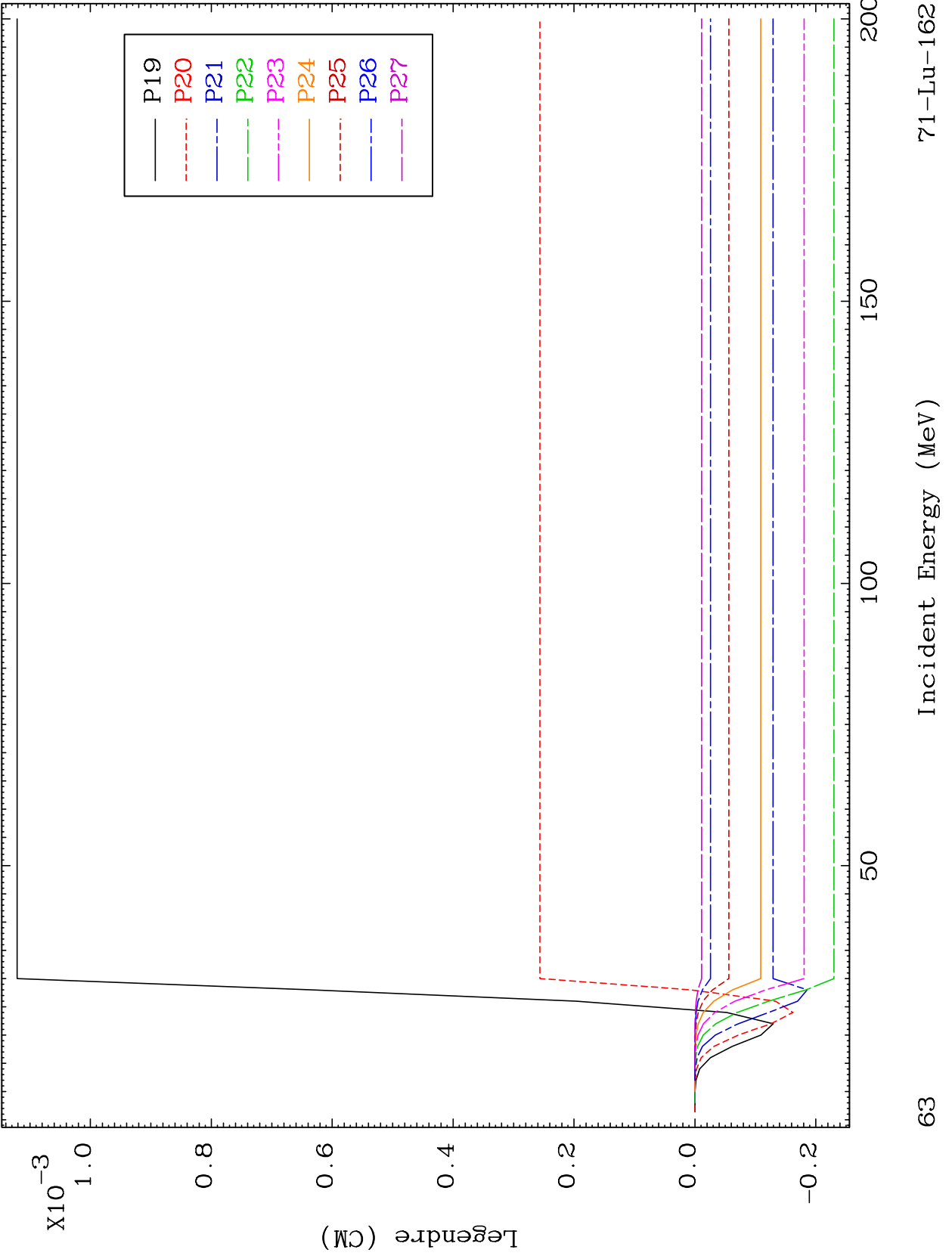
Incident Energy (MeV)

71-Lu-162

MAT 7086

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

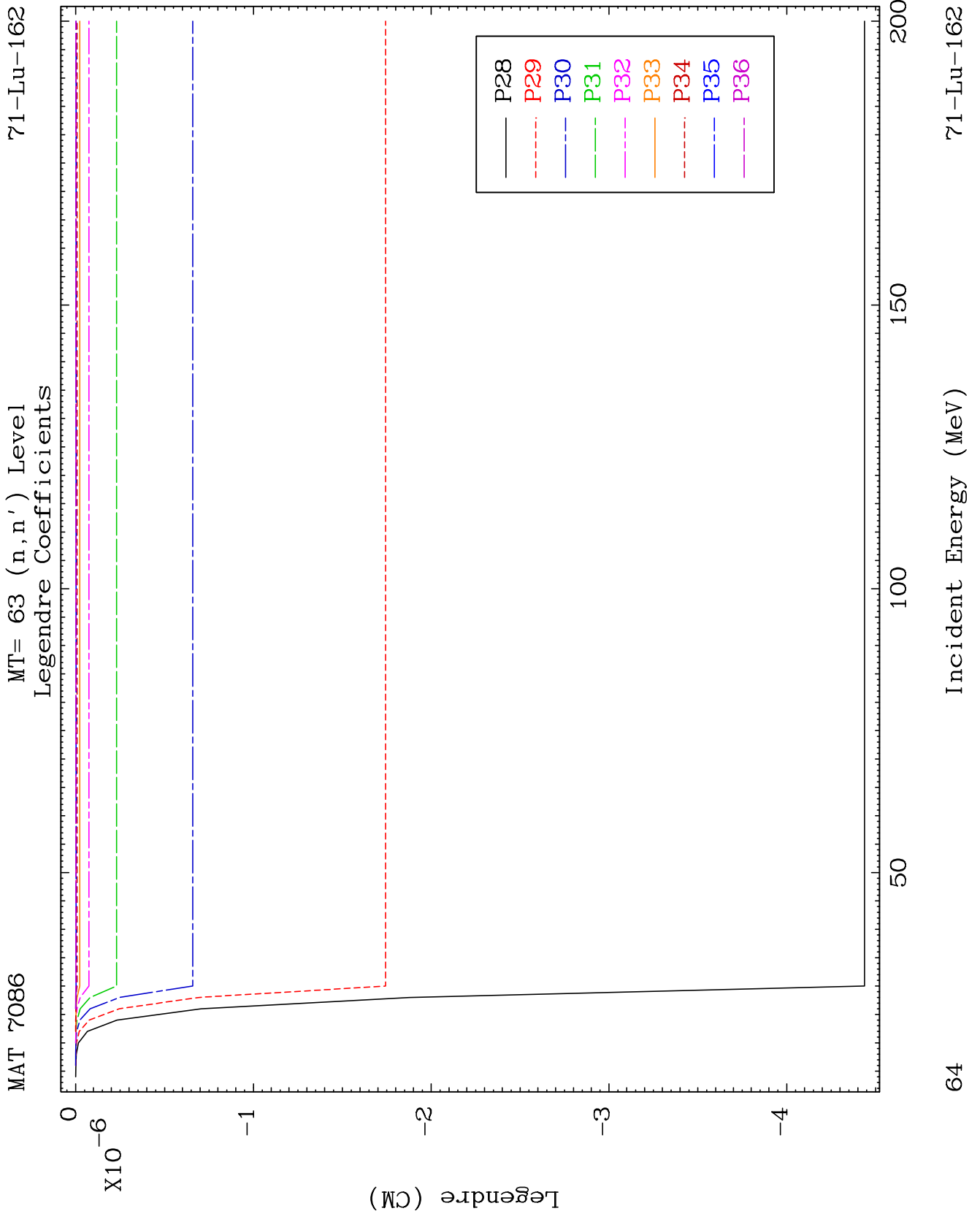
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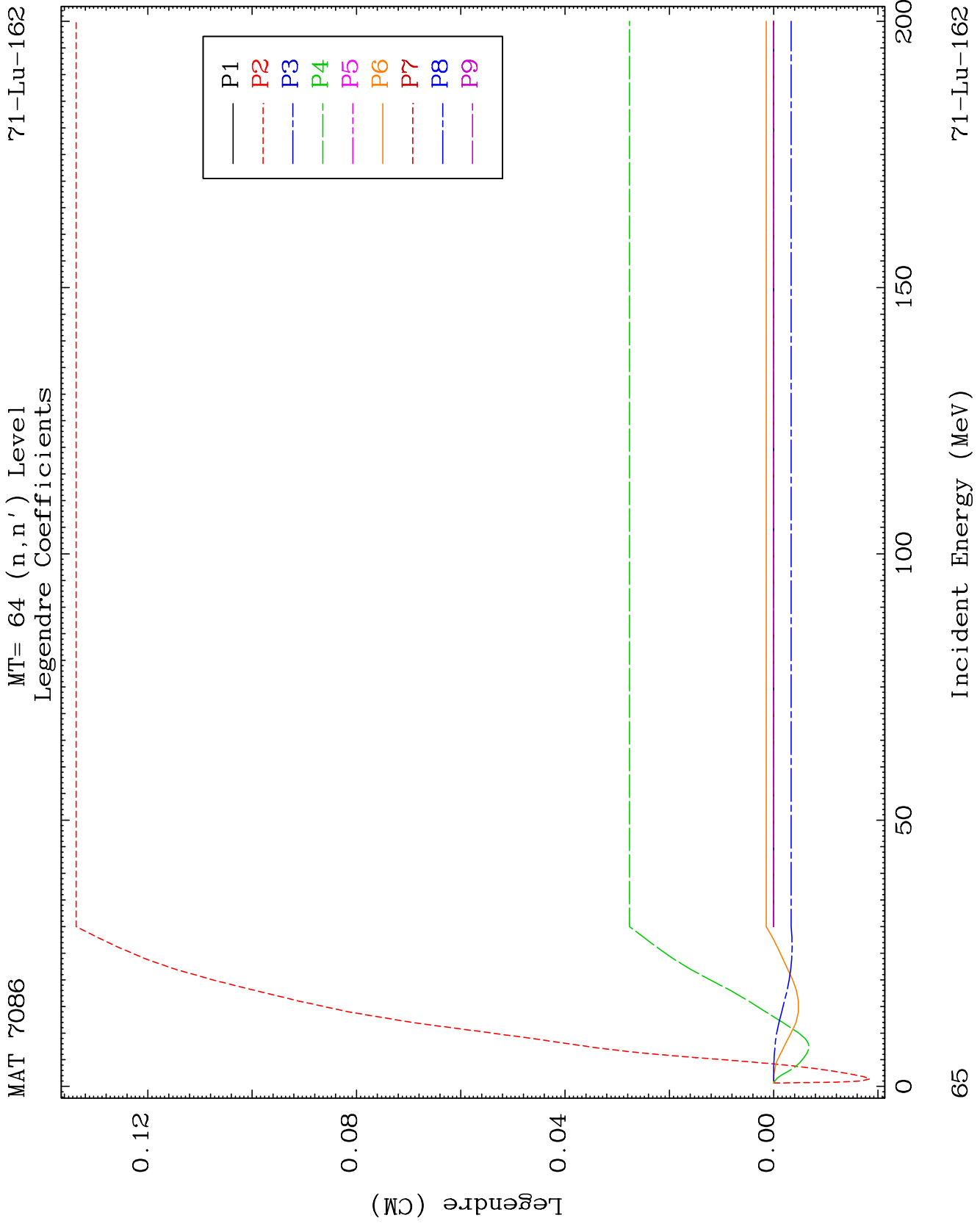


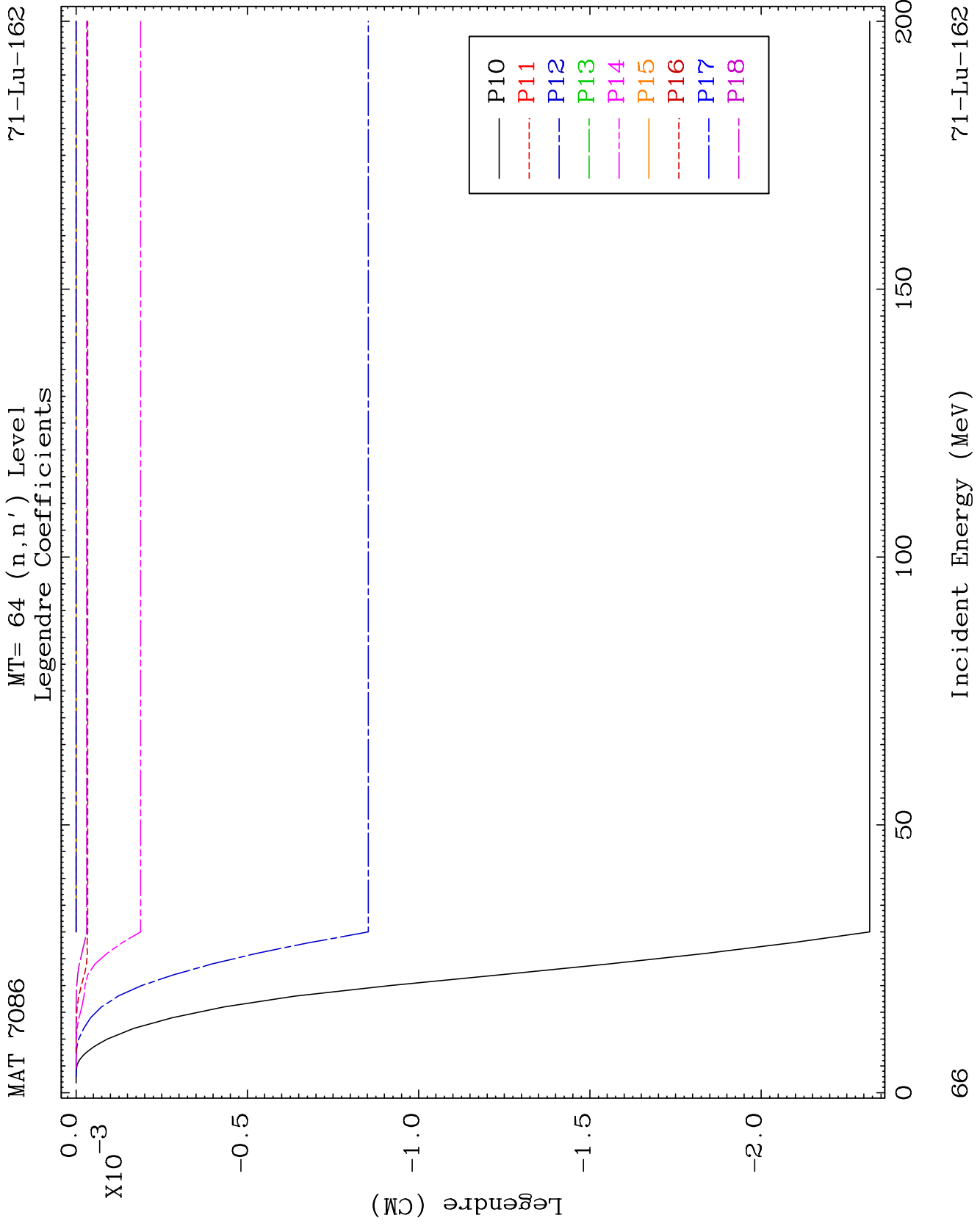
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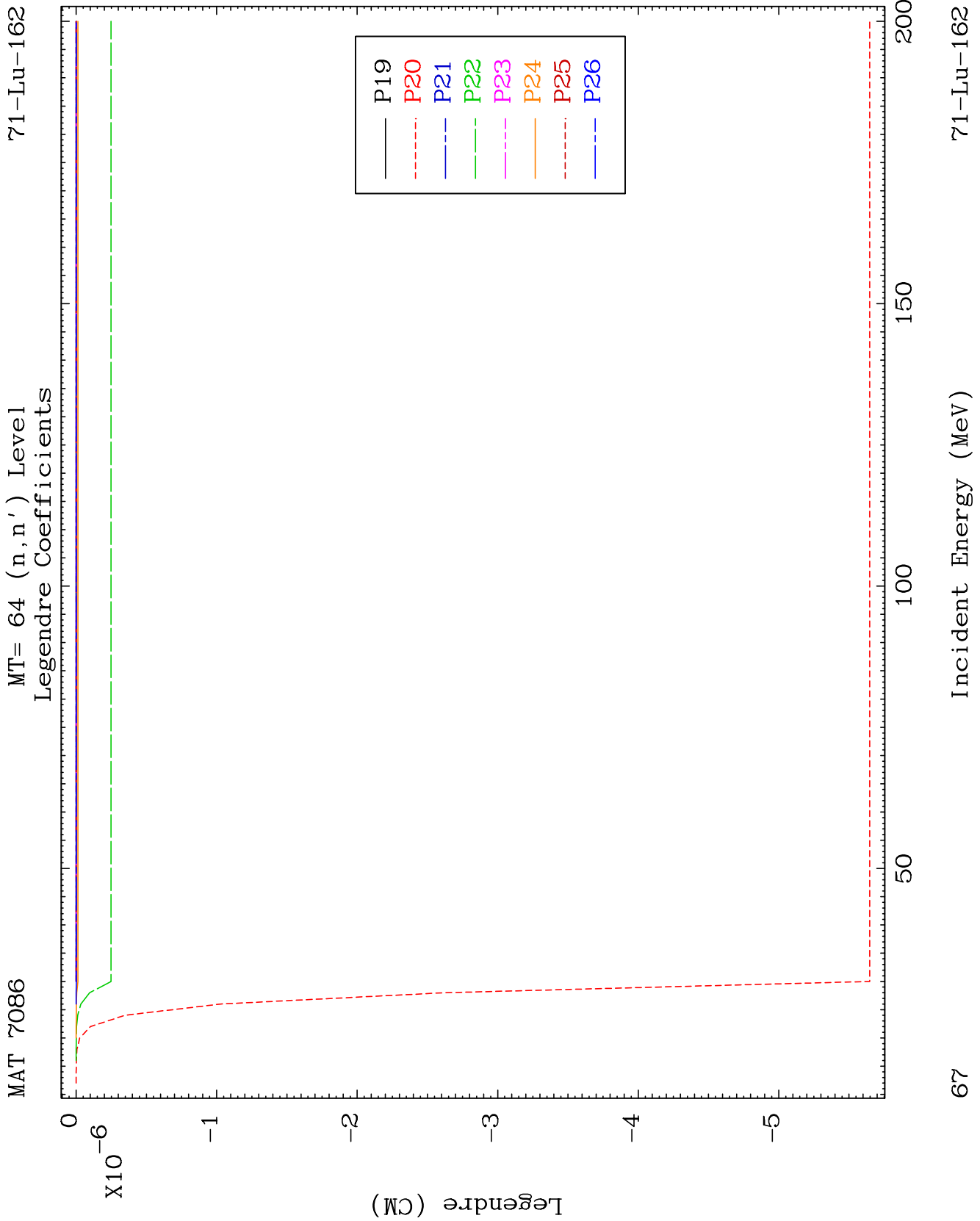
Incident Energy (MeV)

71-Lu-162





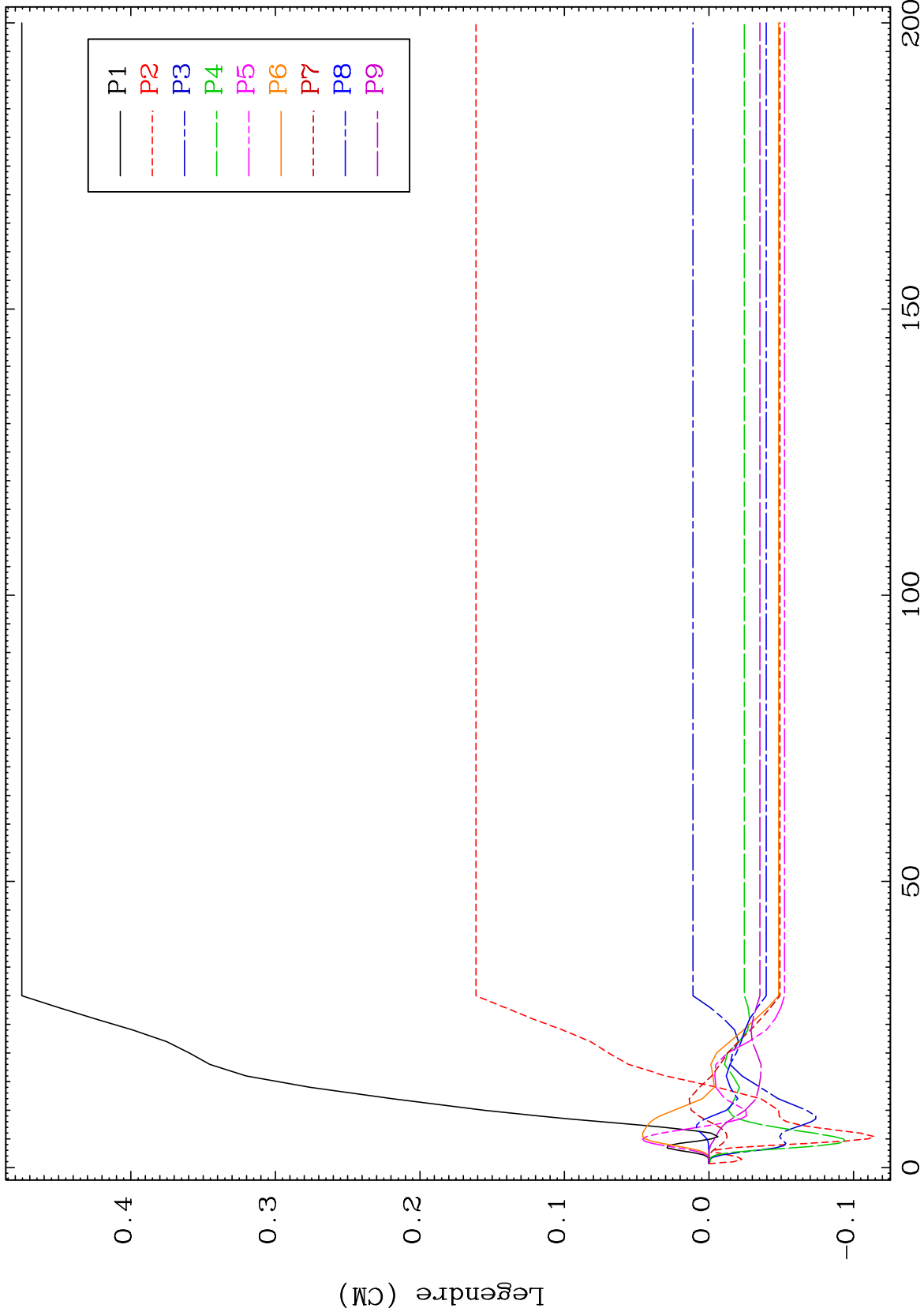




MAT 7086

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

71-Lu-162



71-Lu-162

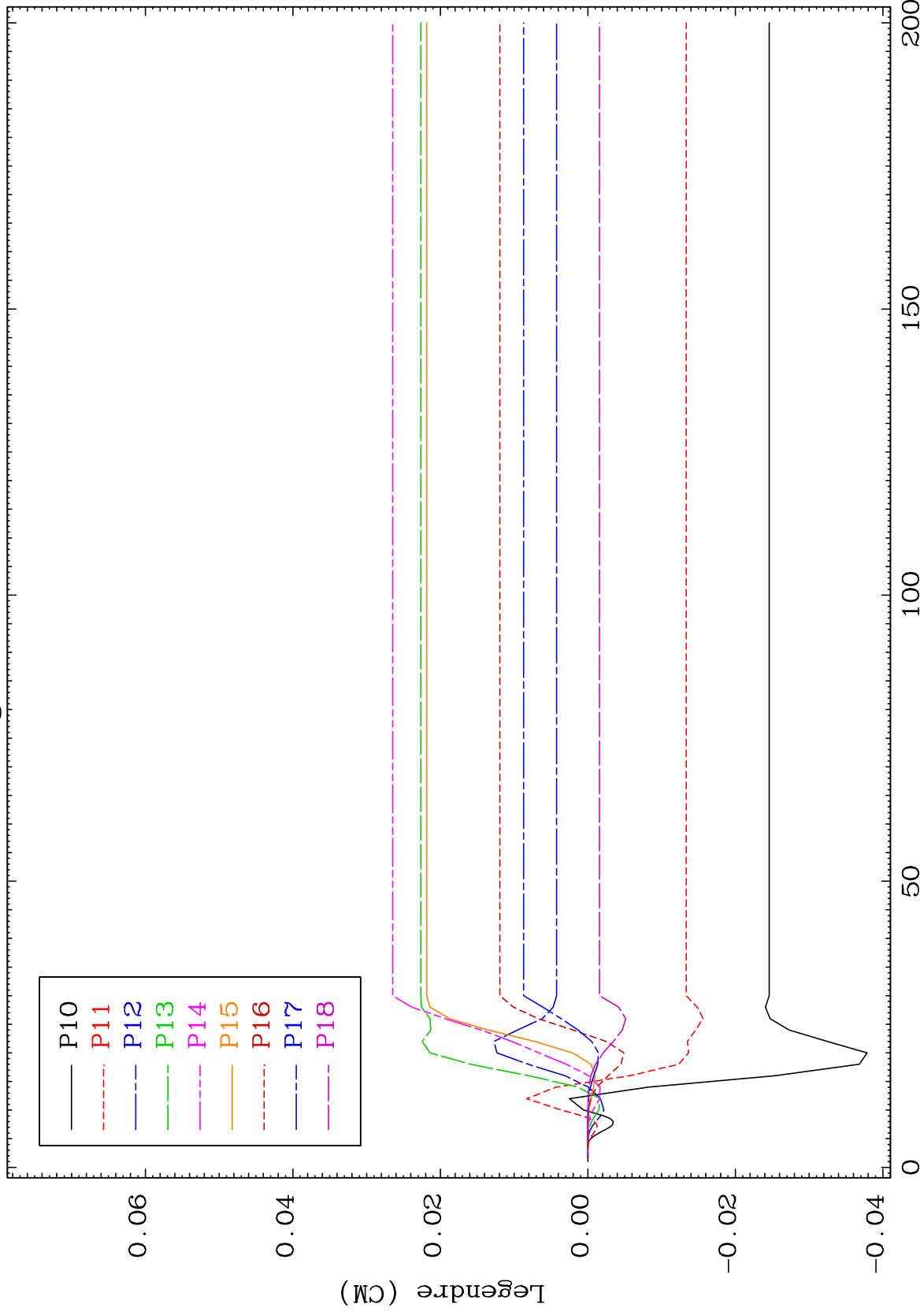
Incident Energy (MeV)

68

MAT 7086

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

71-Lu-162



69

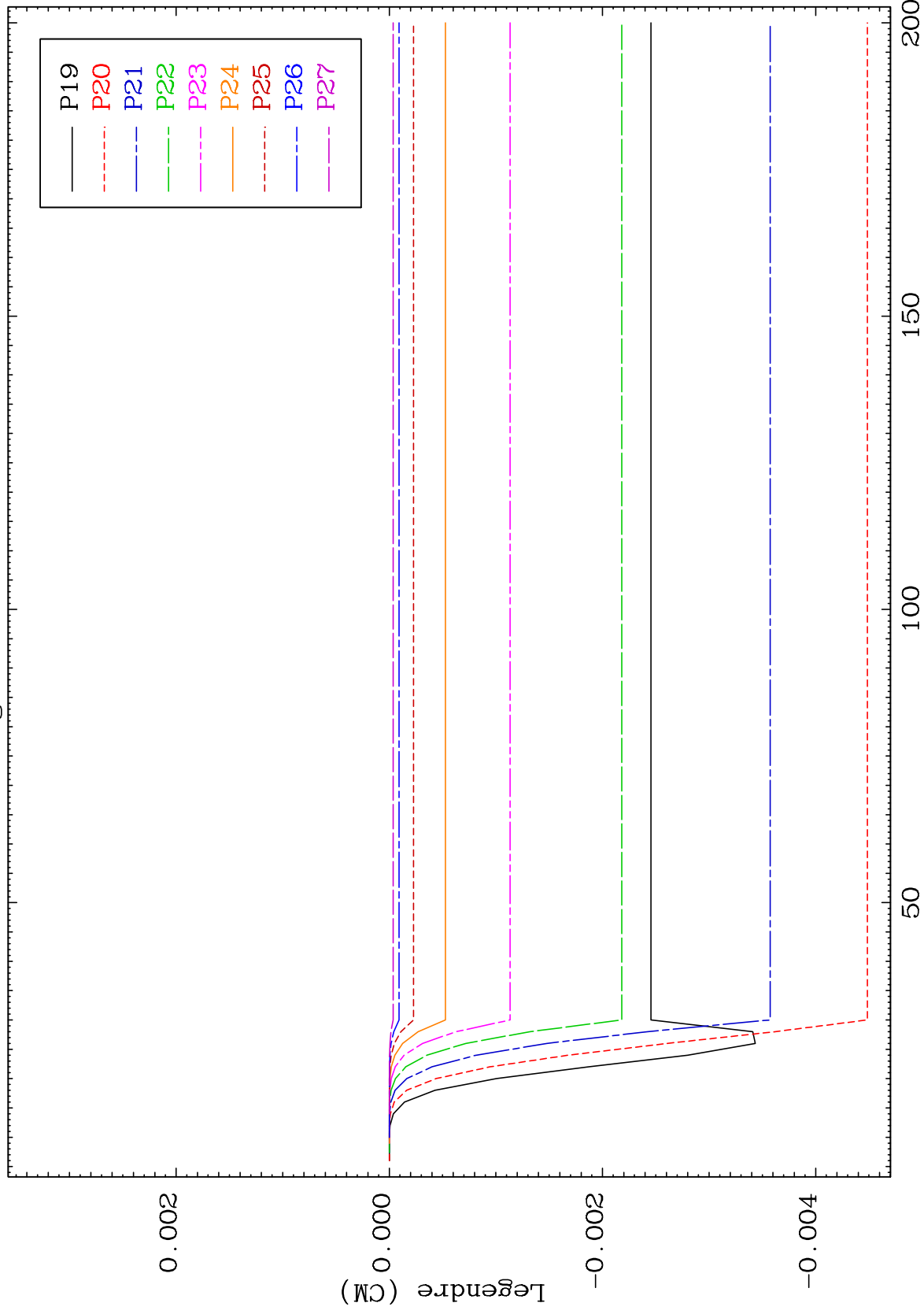
Incident Energy (MeV)

71-Lu-162

MAT 7086

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

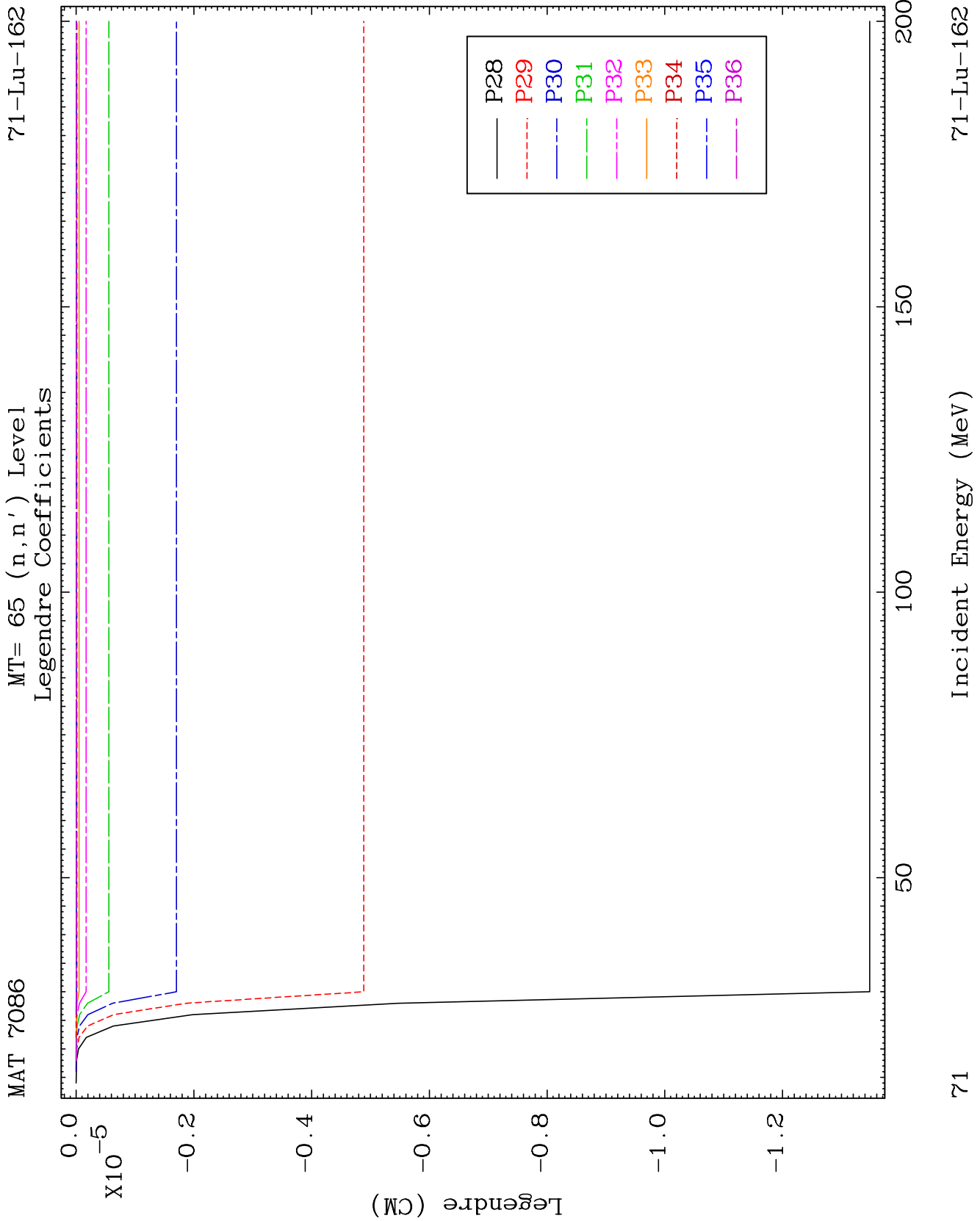
71-Lu-162



70

Incident Energy (MeV)

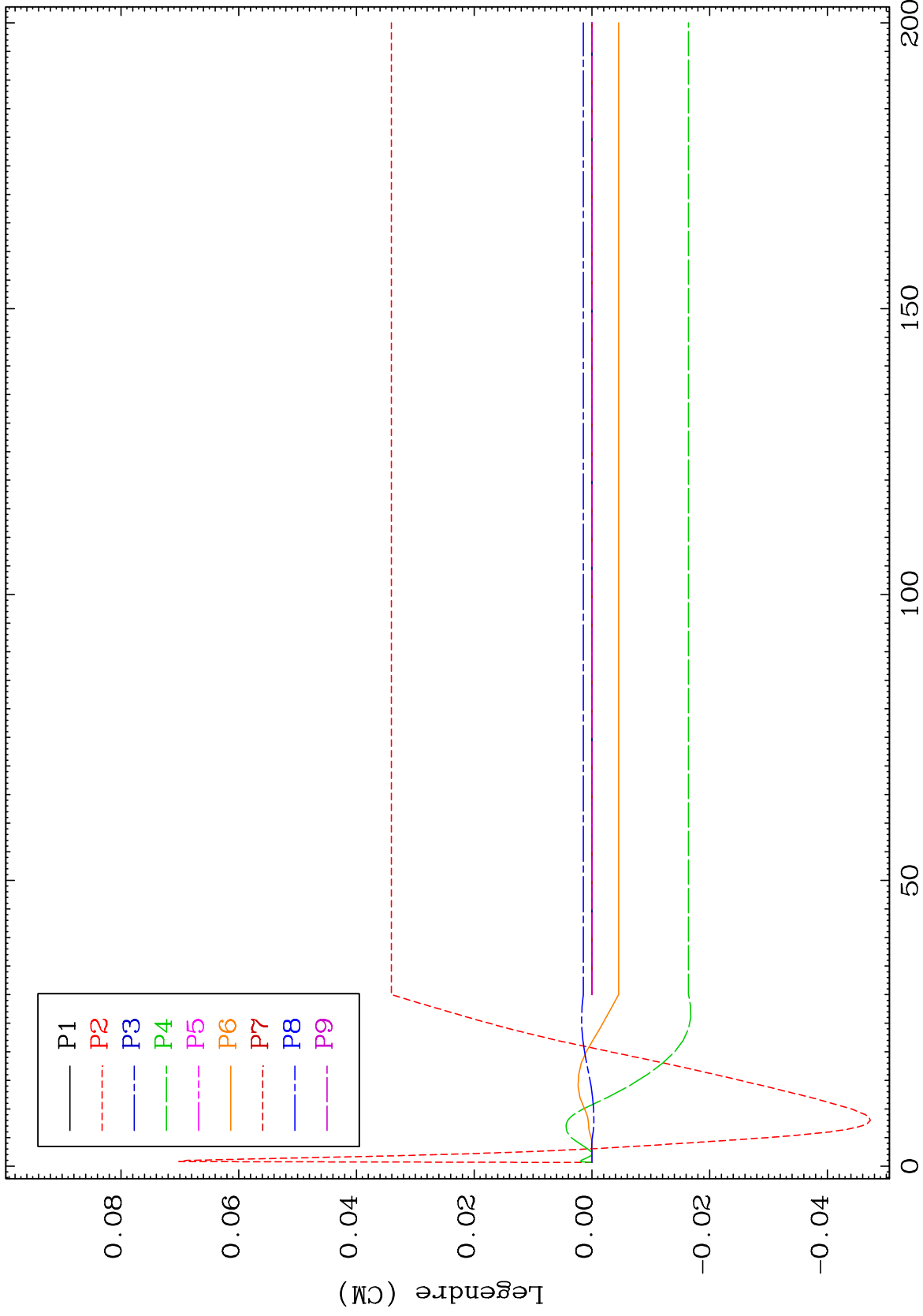
71-Lu-162



MAT 7086

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

71-Lu-162



71-Lu-162

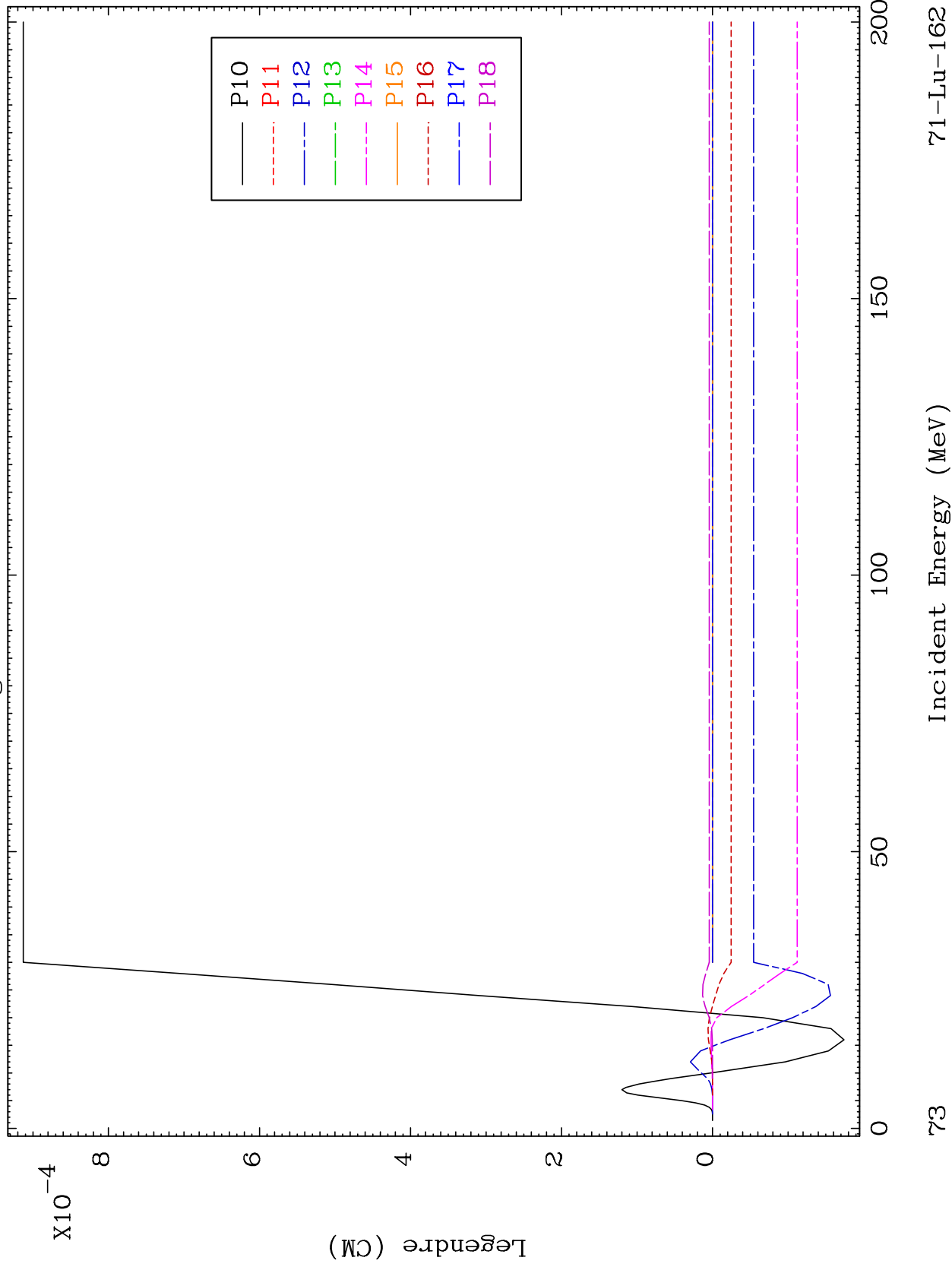
Incident Energy (MeV)

72

MAT 7086

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

71-Lu-162



73

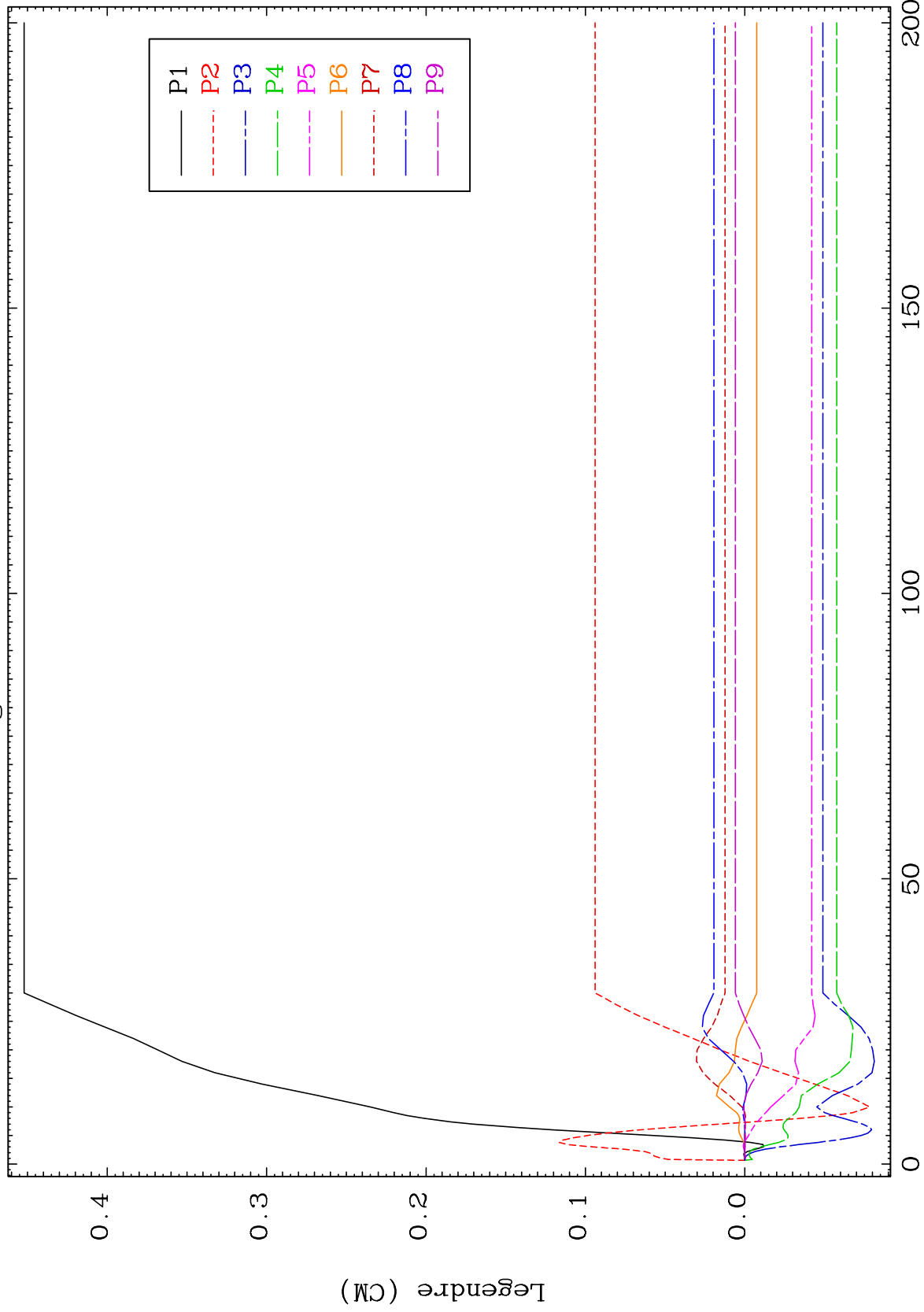
Incident Energy (MeV)

71-Lu-162

MAT 7086

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

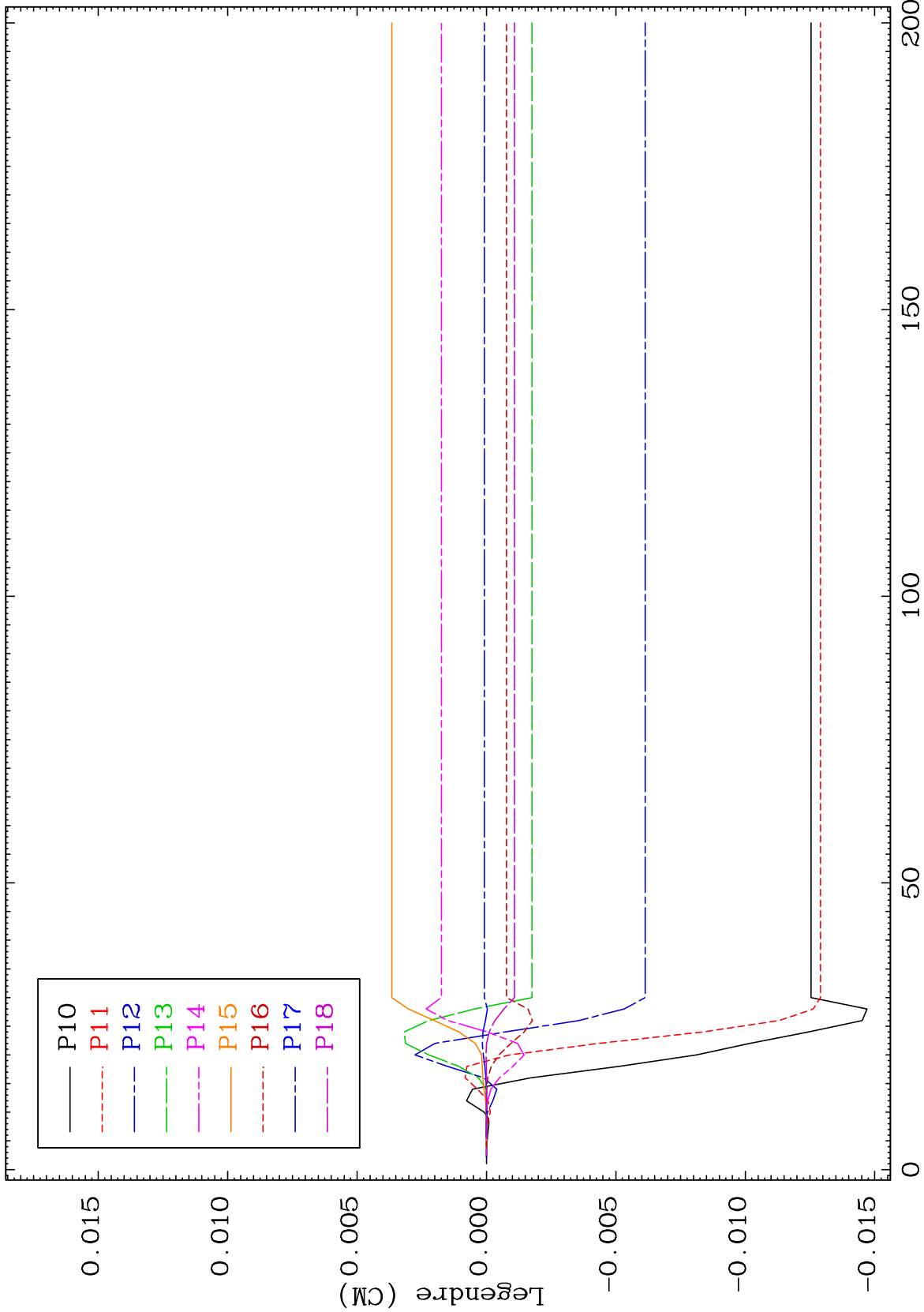
71-Lu-162



71-Lu-162

Incident Energy (MeV)

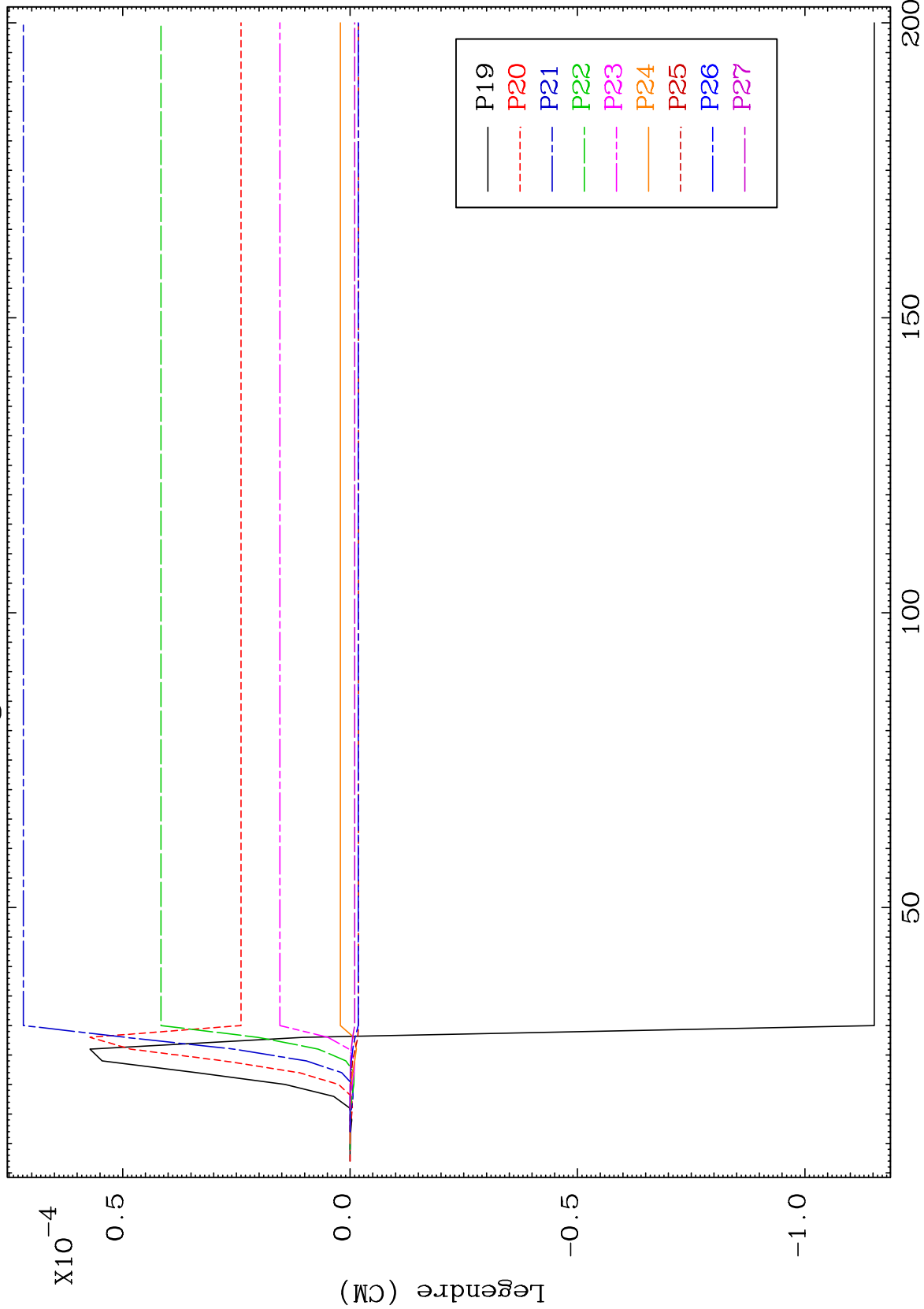
75



MAT 7086

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

71-Lu-162



77

Incident Energy (MeV)

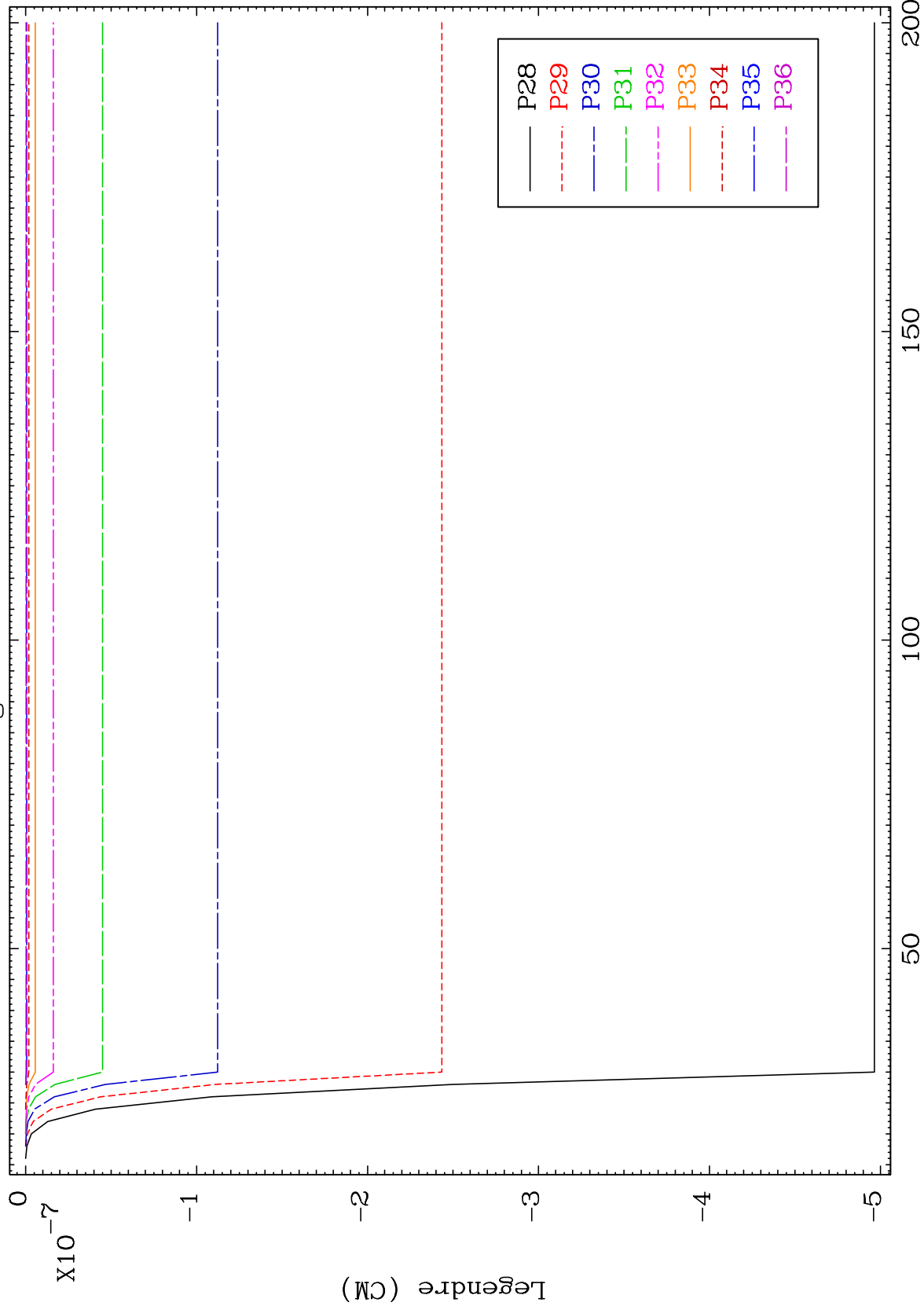
71-Lu-162

MAT 7086

MT= 67 (n,n') Level

71-Lu-162

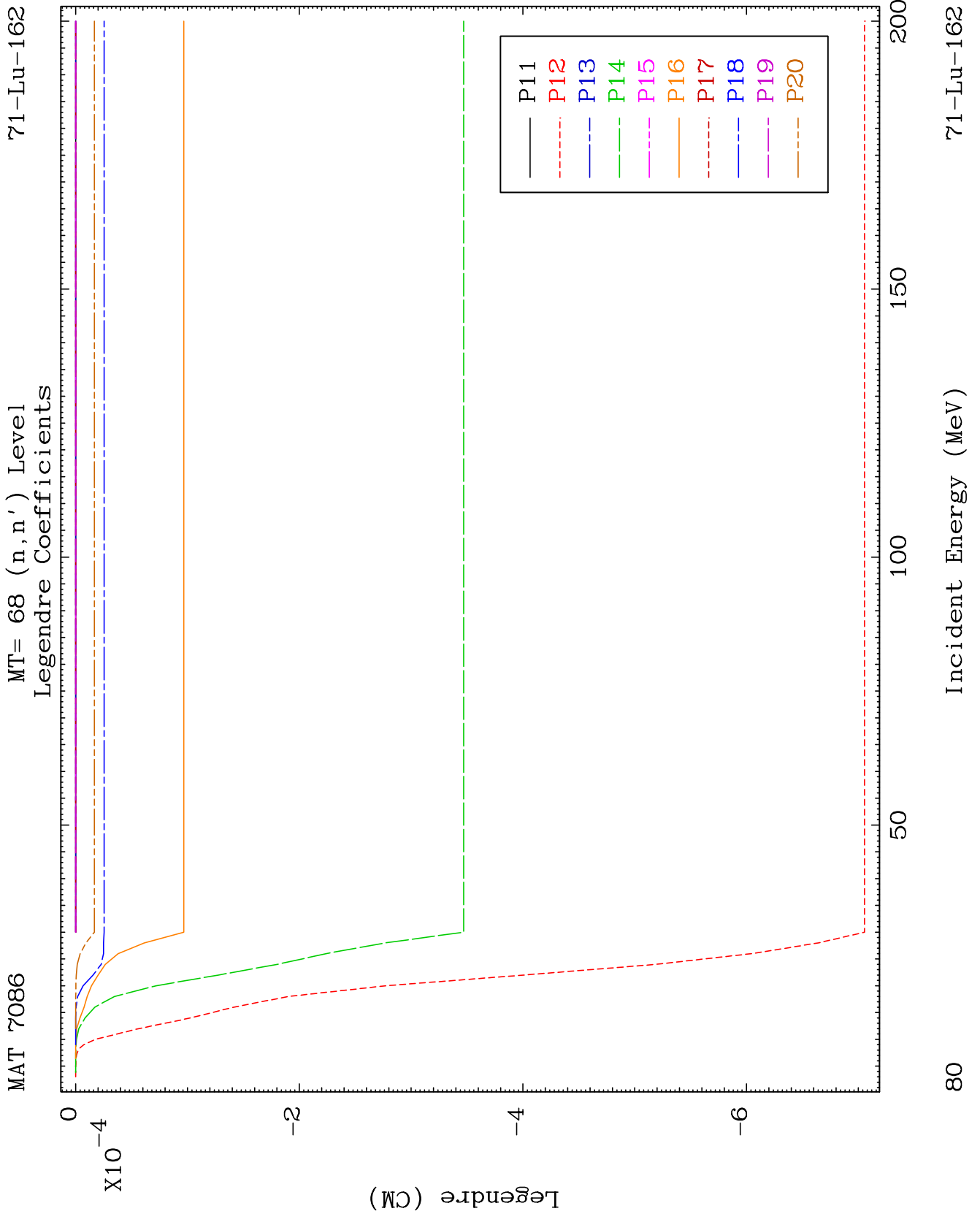
Legendre Coefficients

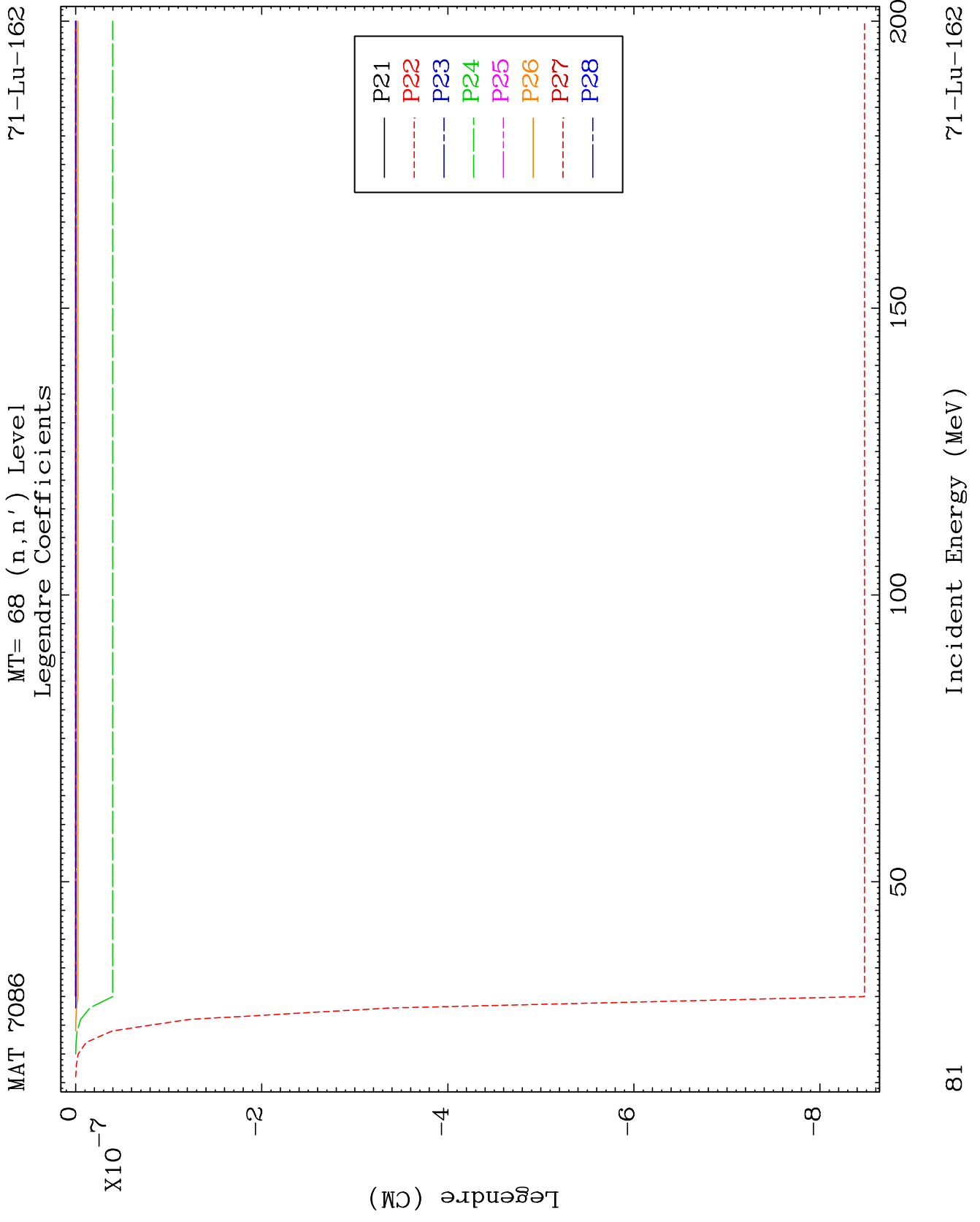


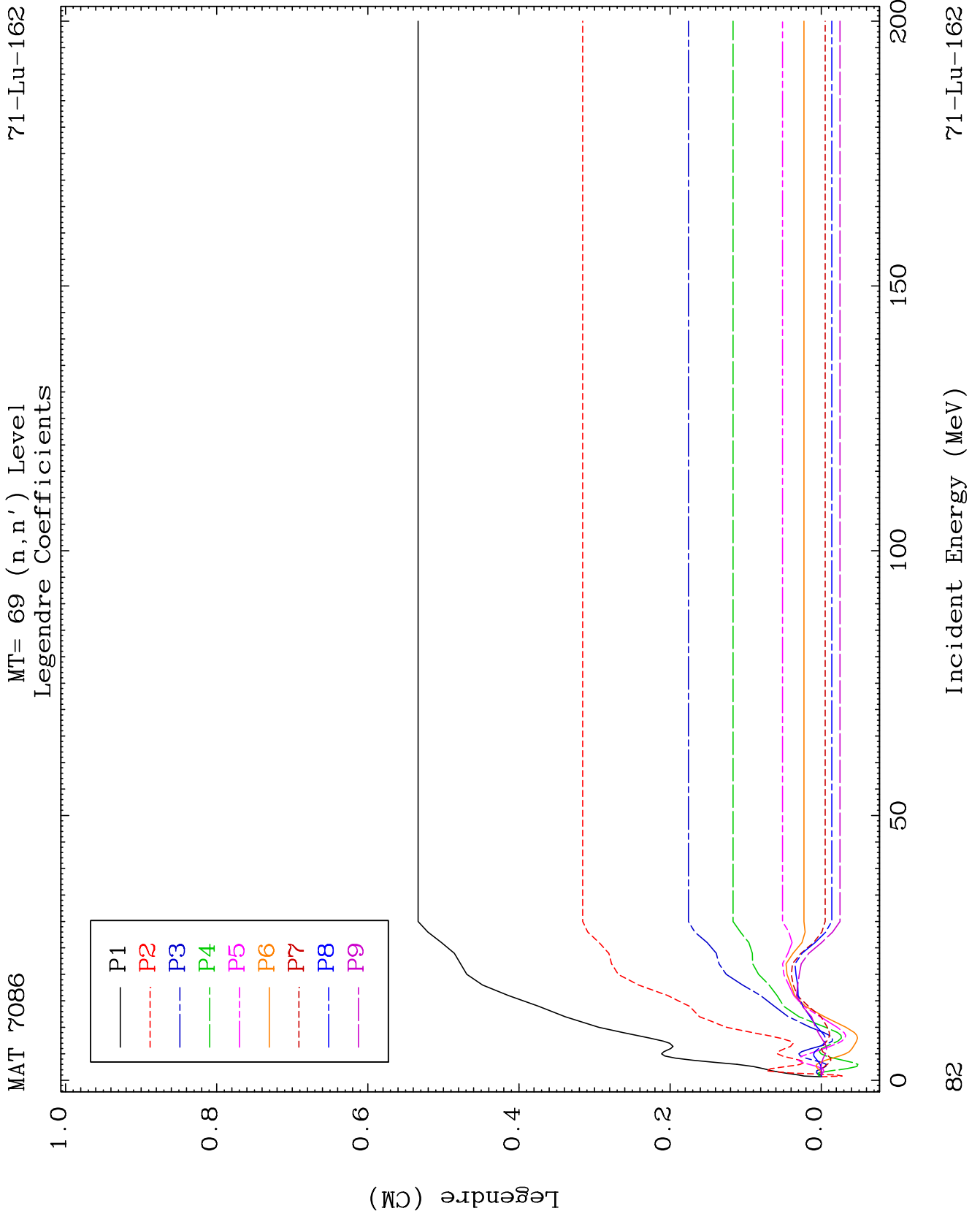
78

Incident Energy (MeV)

71-Lu-162



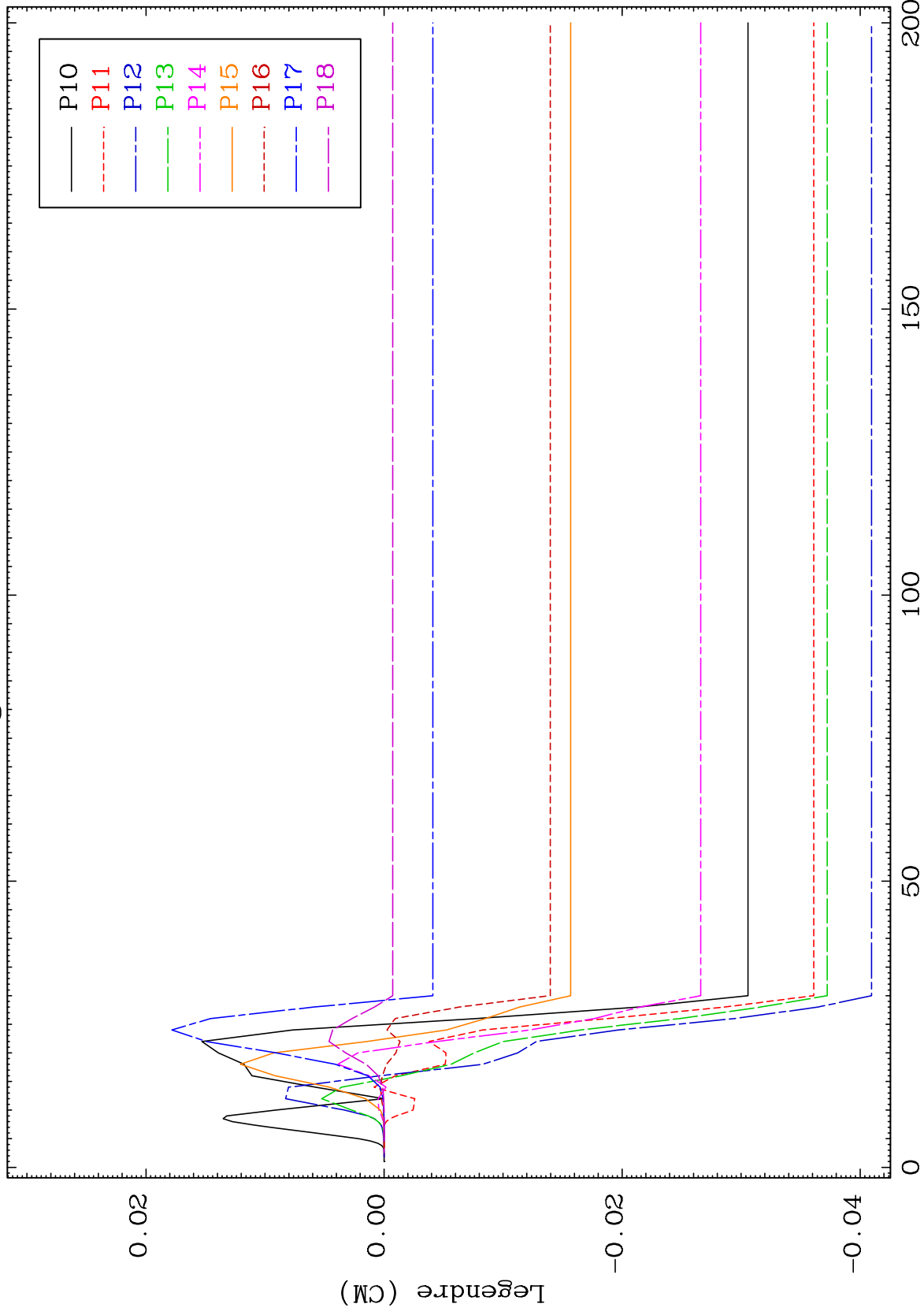




MAT 7086

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

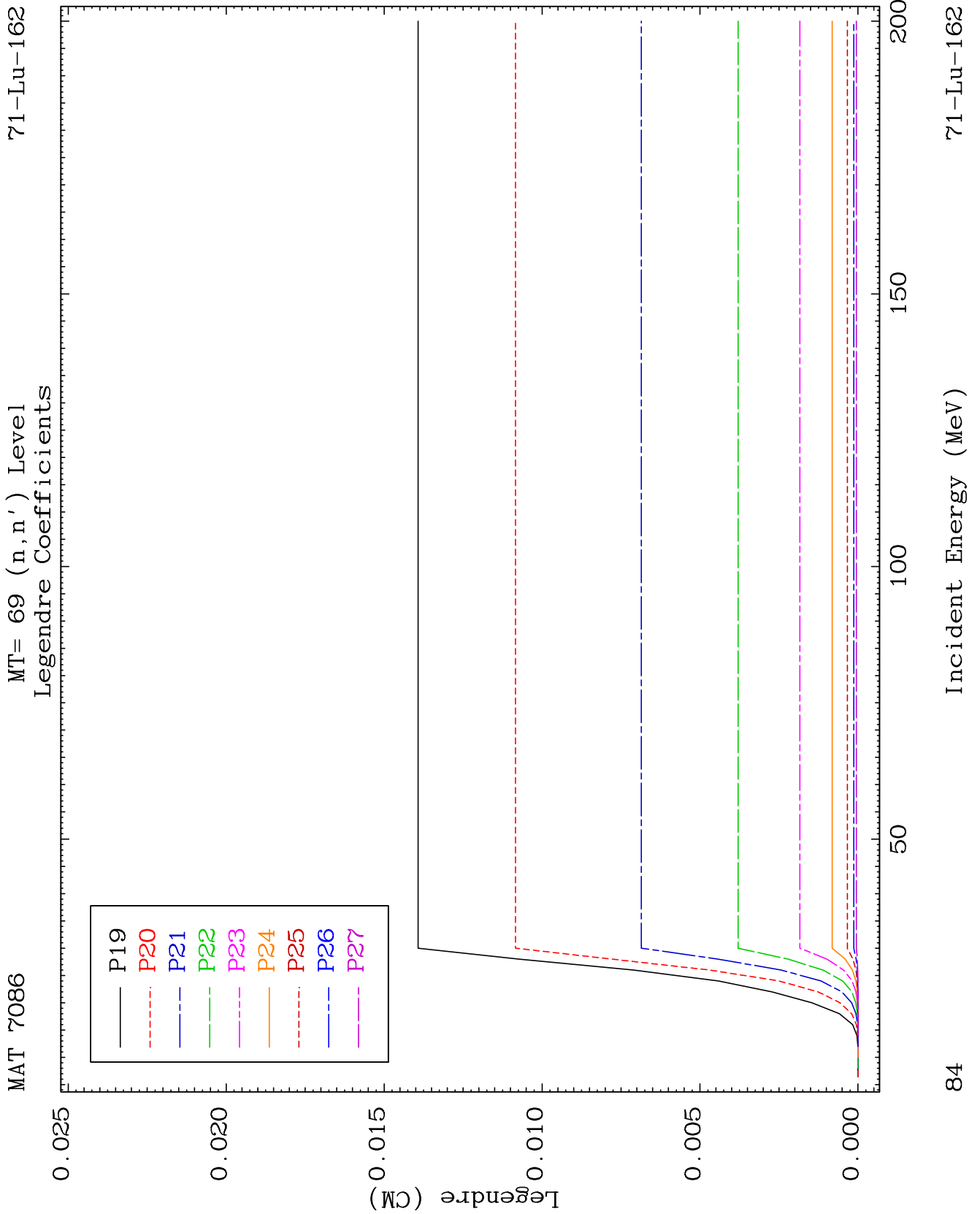
71-Lu-162



83

Incident Energy (MeV)

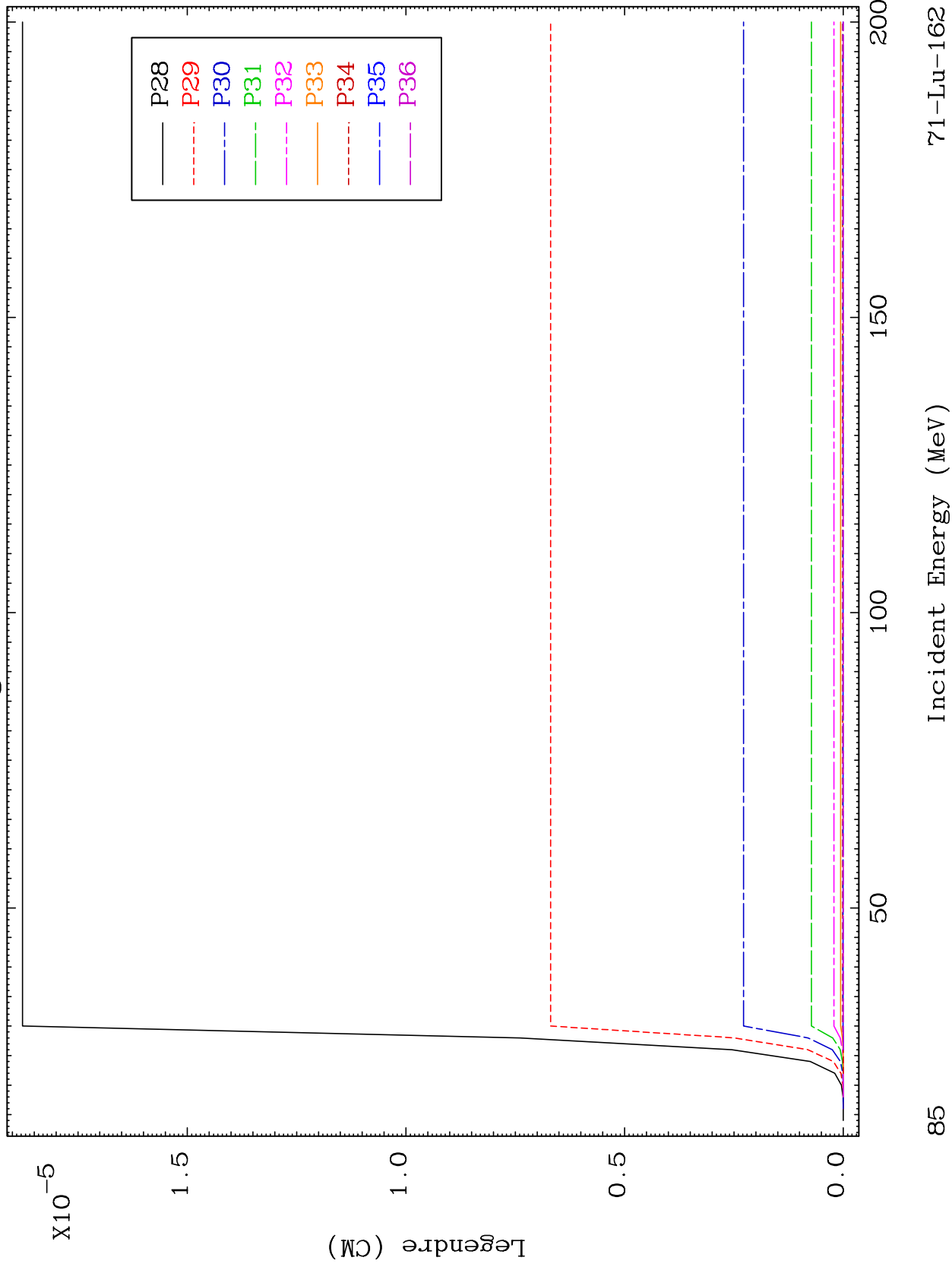
71-Lu-162

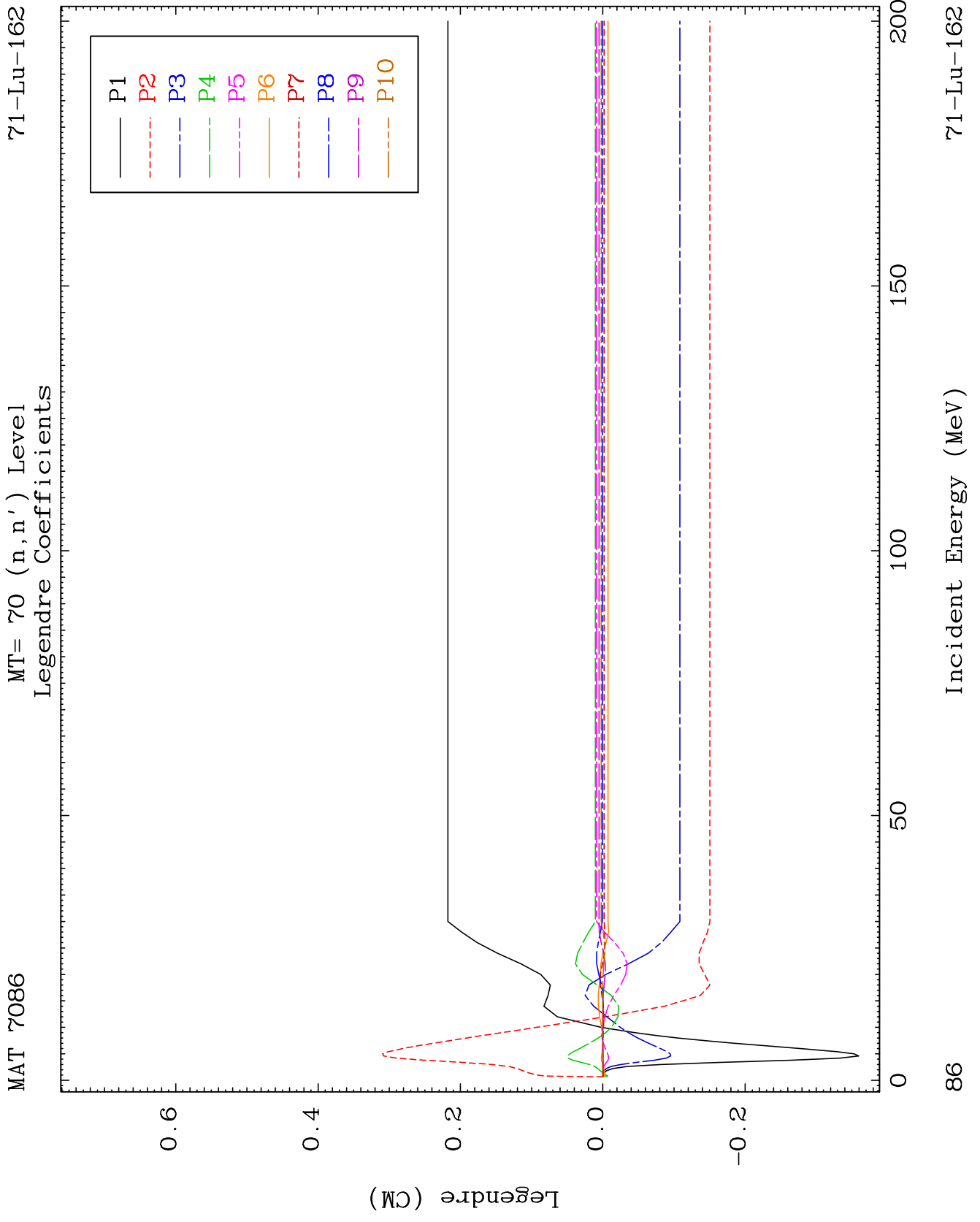


MAT 7086

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

71-Lu-162

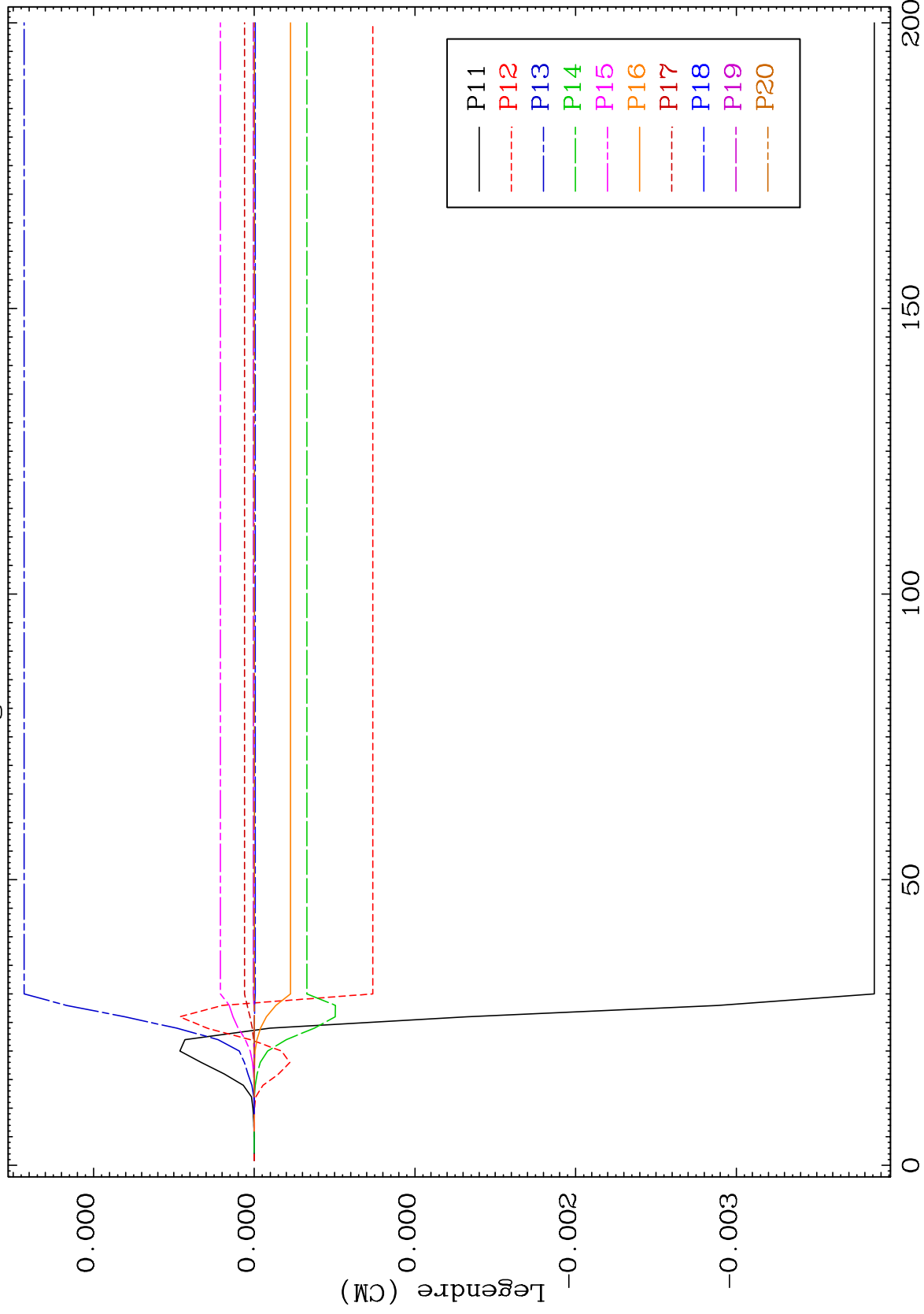




MAT 7086

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

71-Lu-162



87

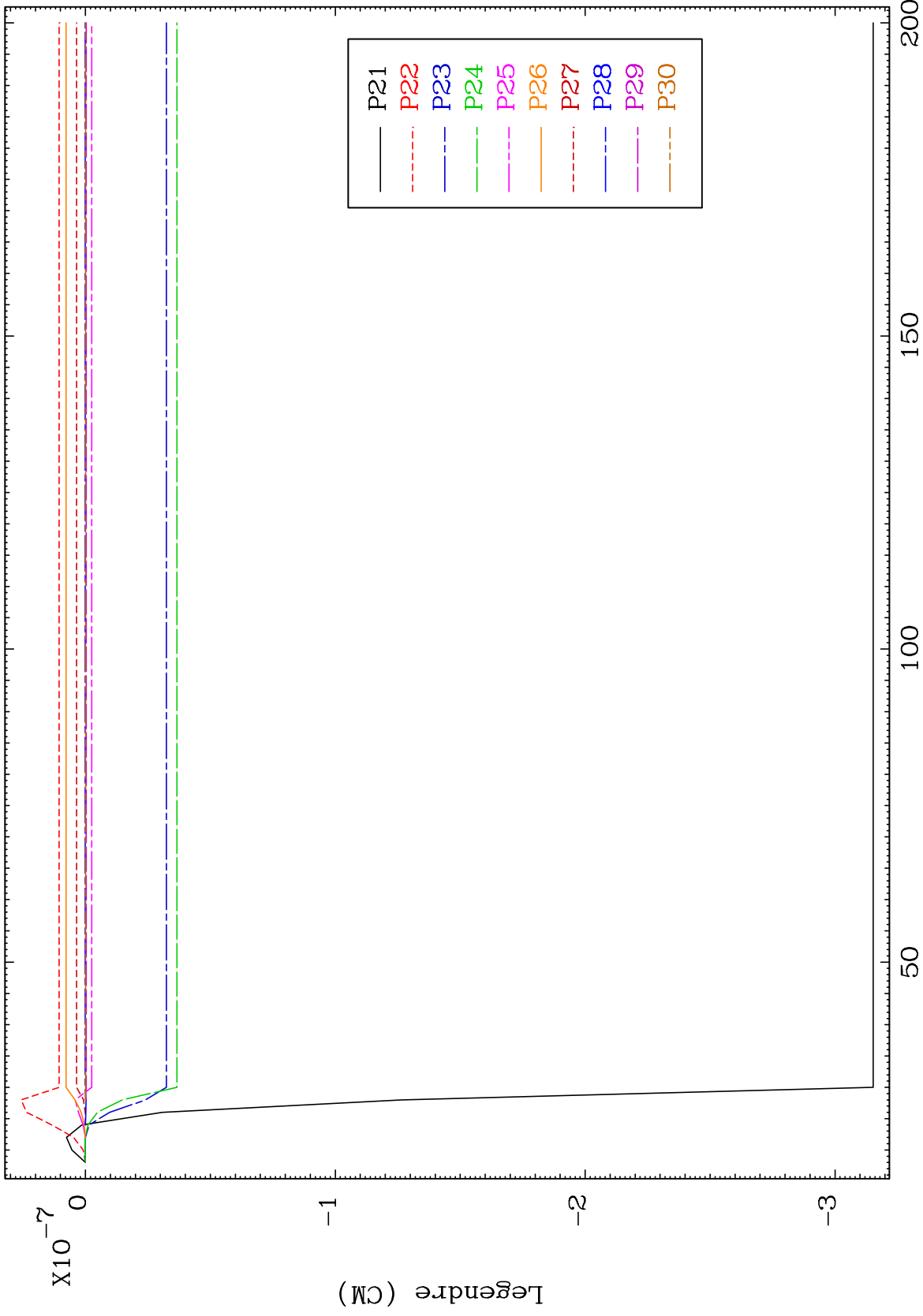
Incident Energy (MeV)

71-Lu-162

MAT 7086

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

71-Lu-162



88

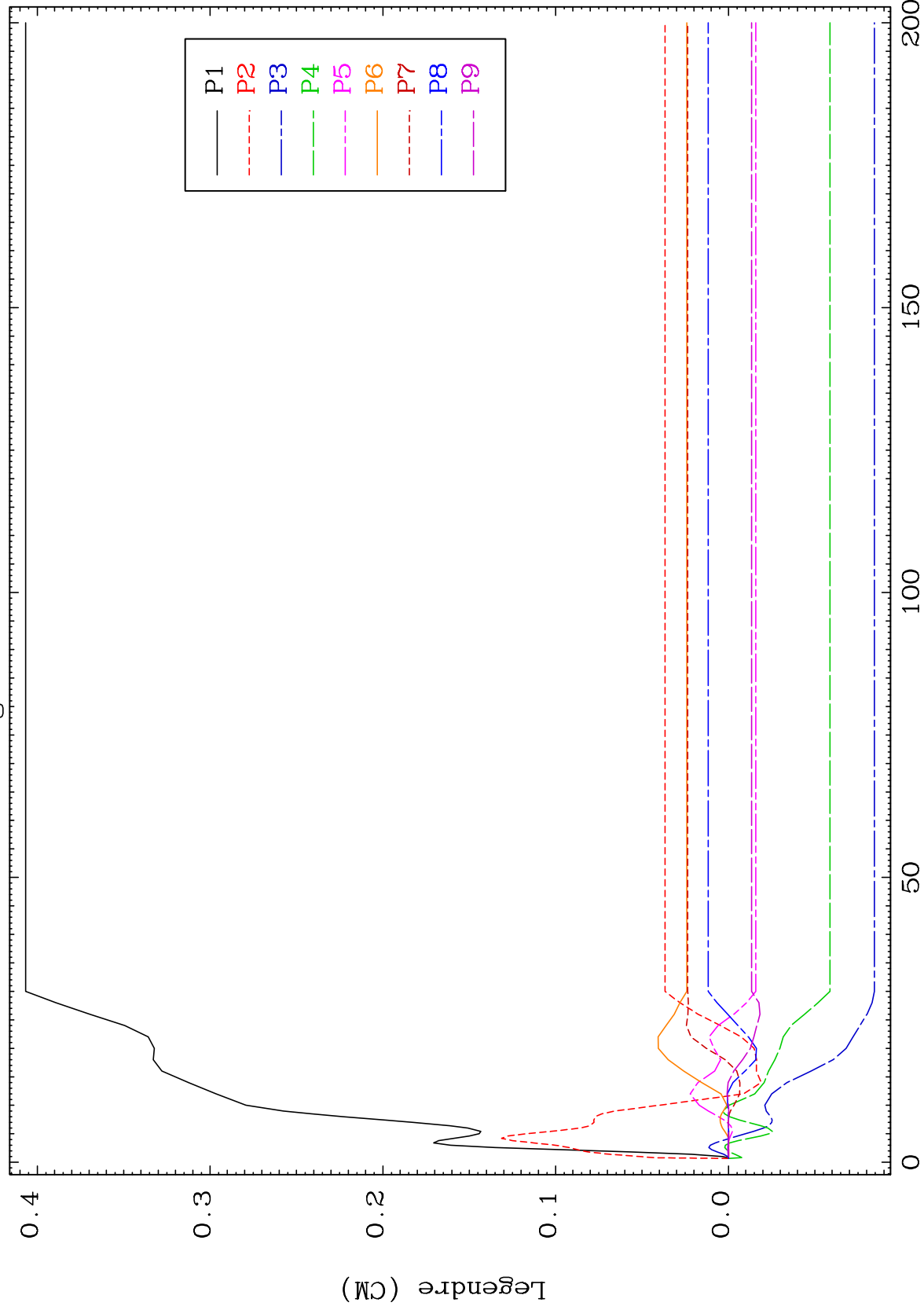
Incident Energy (MeV)

71-Lu-162

MAT 7086

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

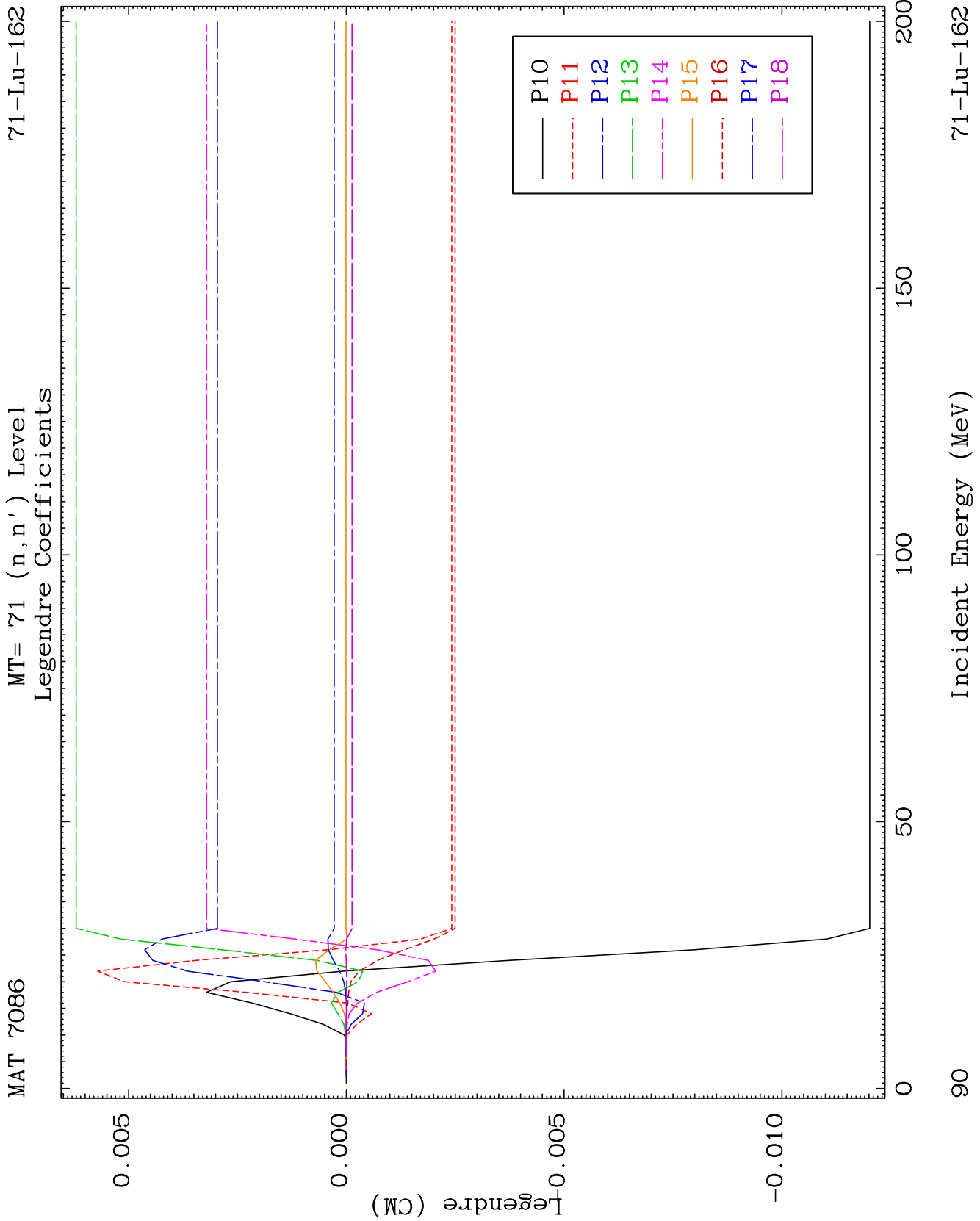
71-Lu-162



89

Incident Energy (MeV)

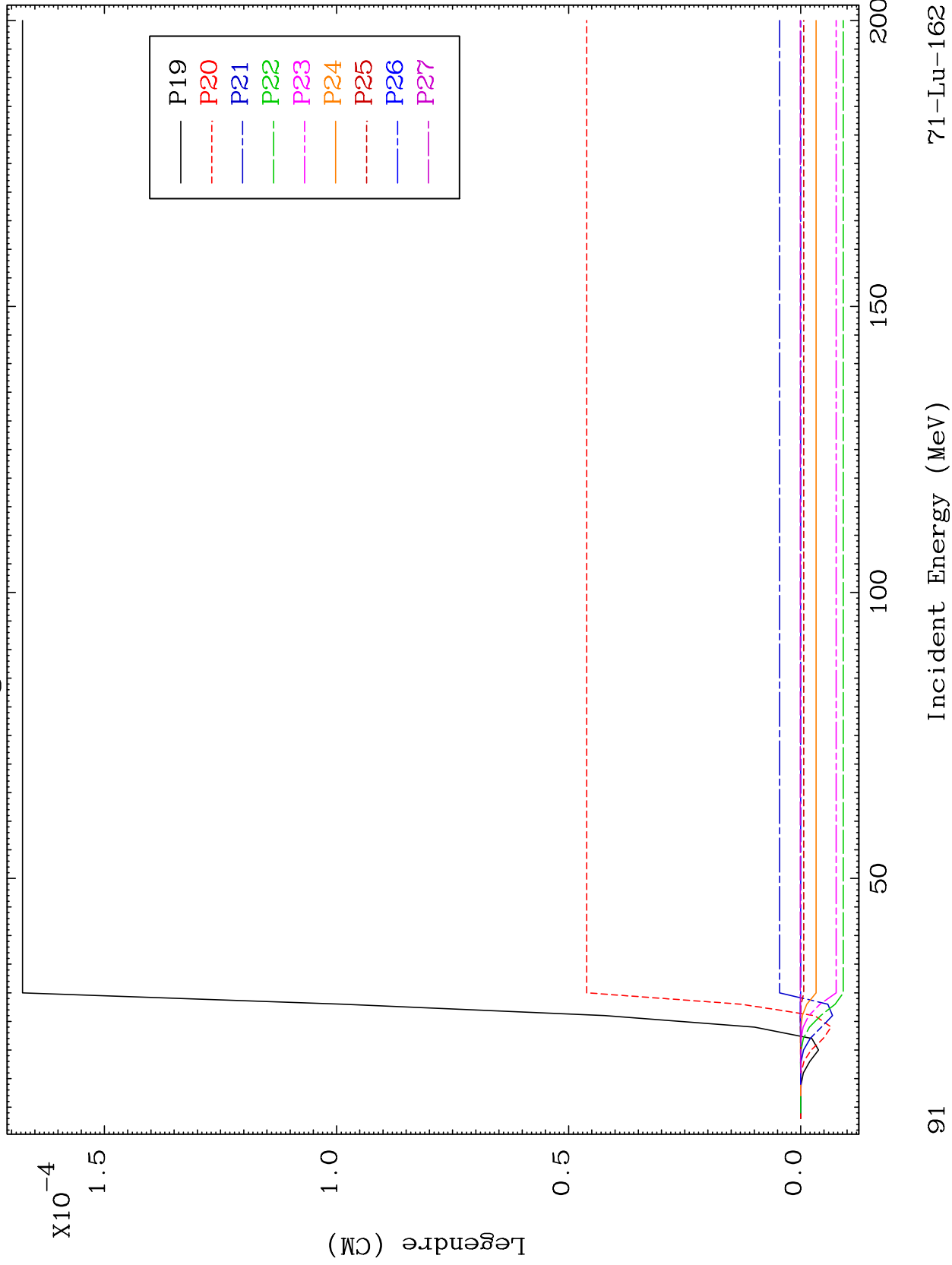
71-Lu-162



MAT 7086

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

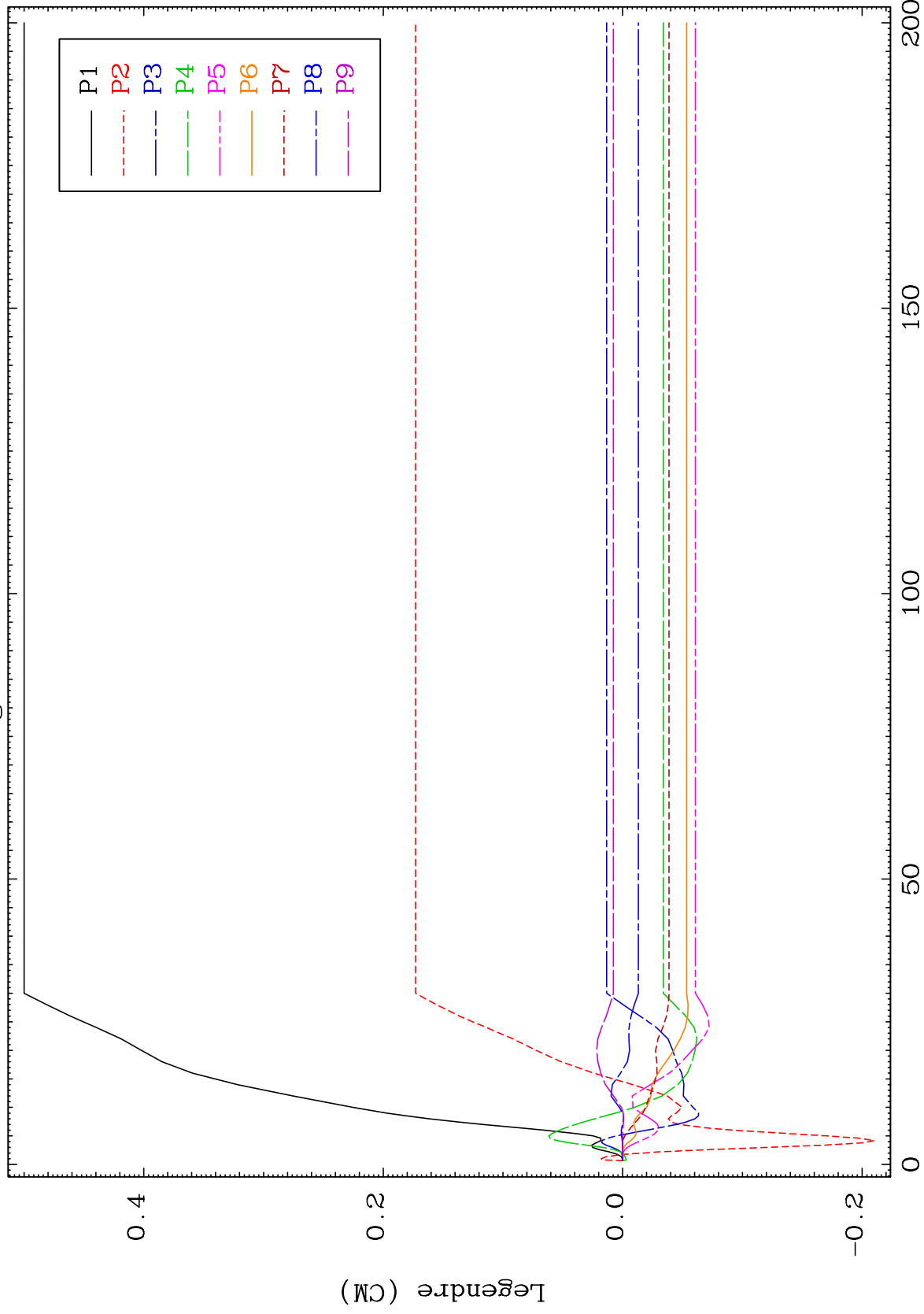
71-Lu-162



MAT 7086

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

71-Lu-162



93

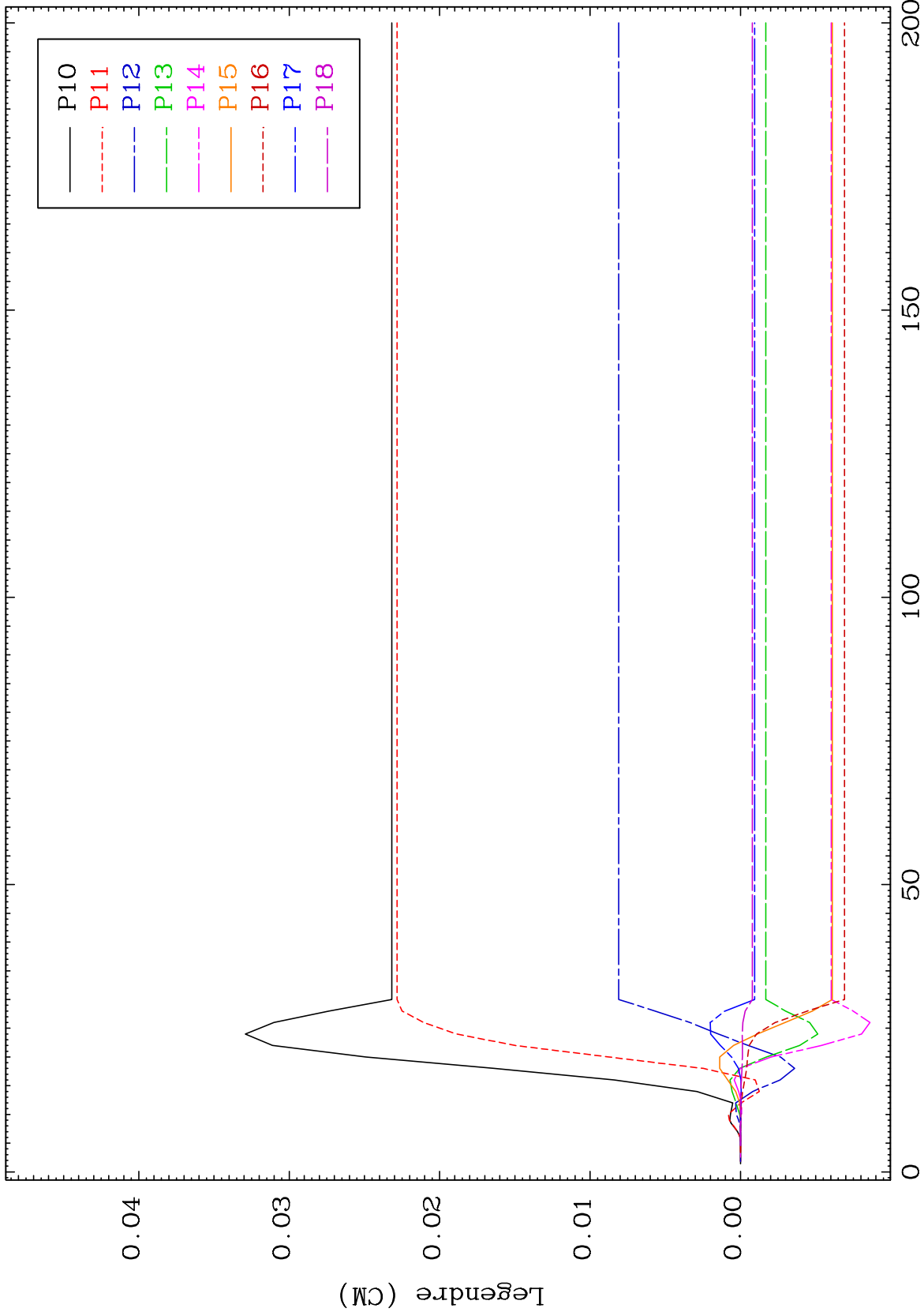
Incident Energy (MeV)

71-Lu-162

MAT 7086

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

71-Lu-162



94

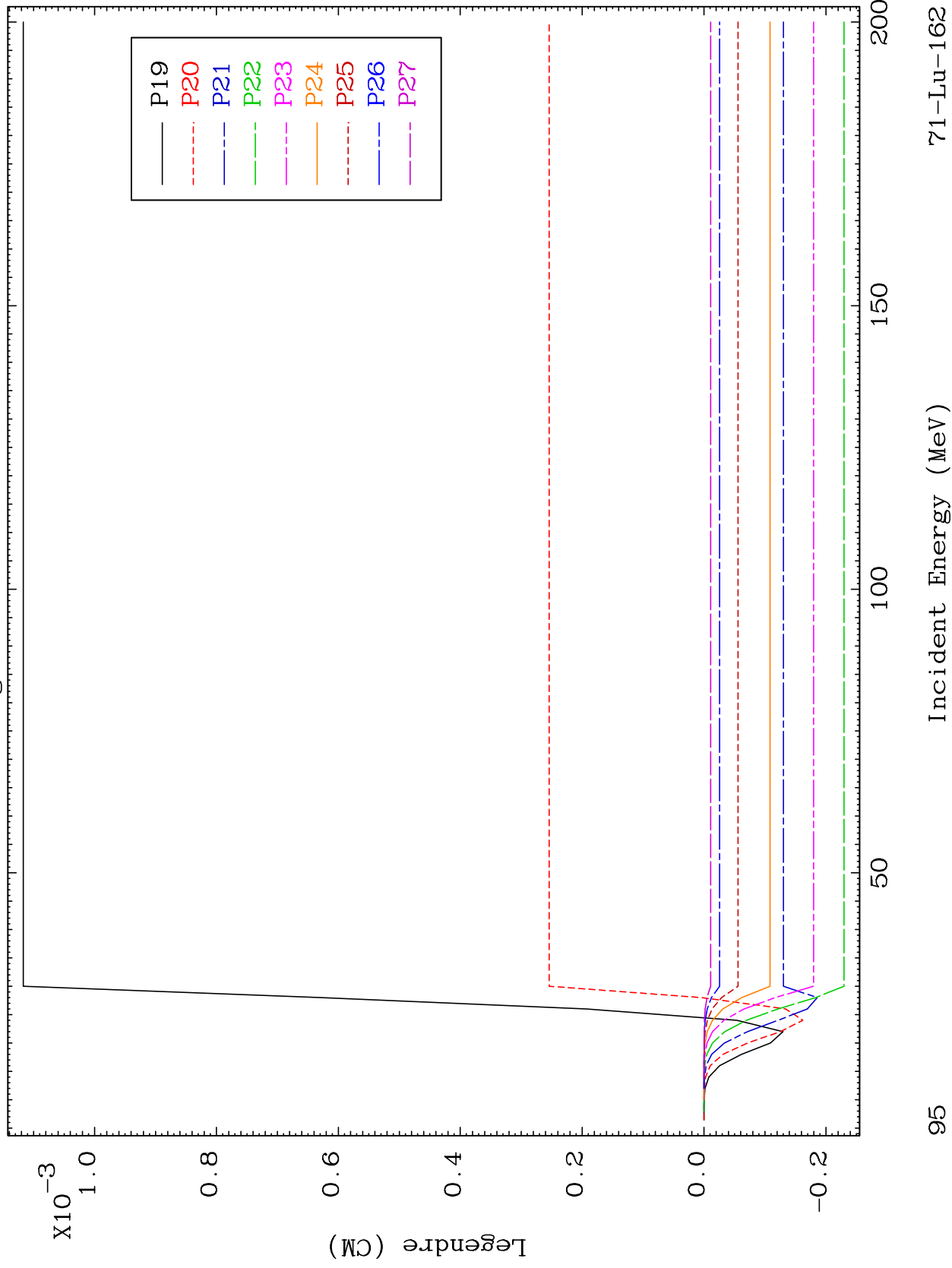
Incident Energy (MeV)

71-Lu-162

MAT 7086

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

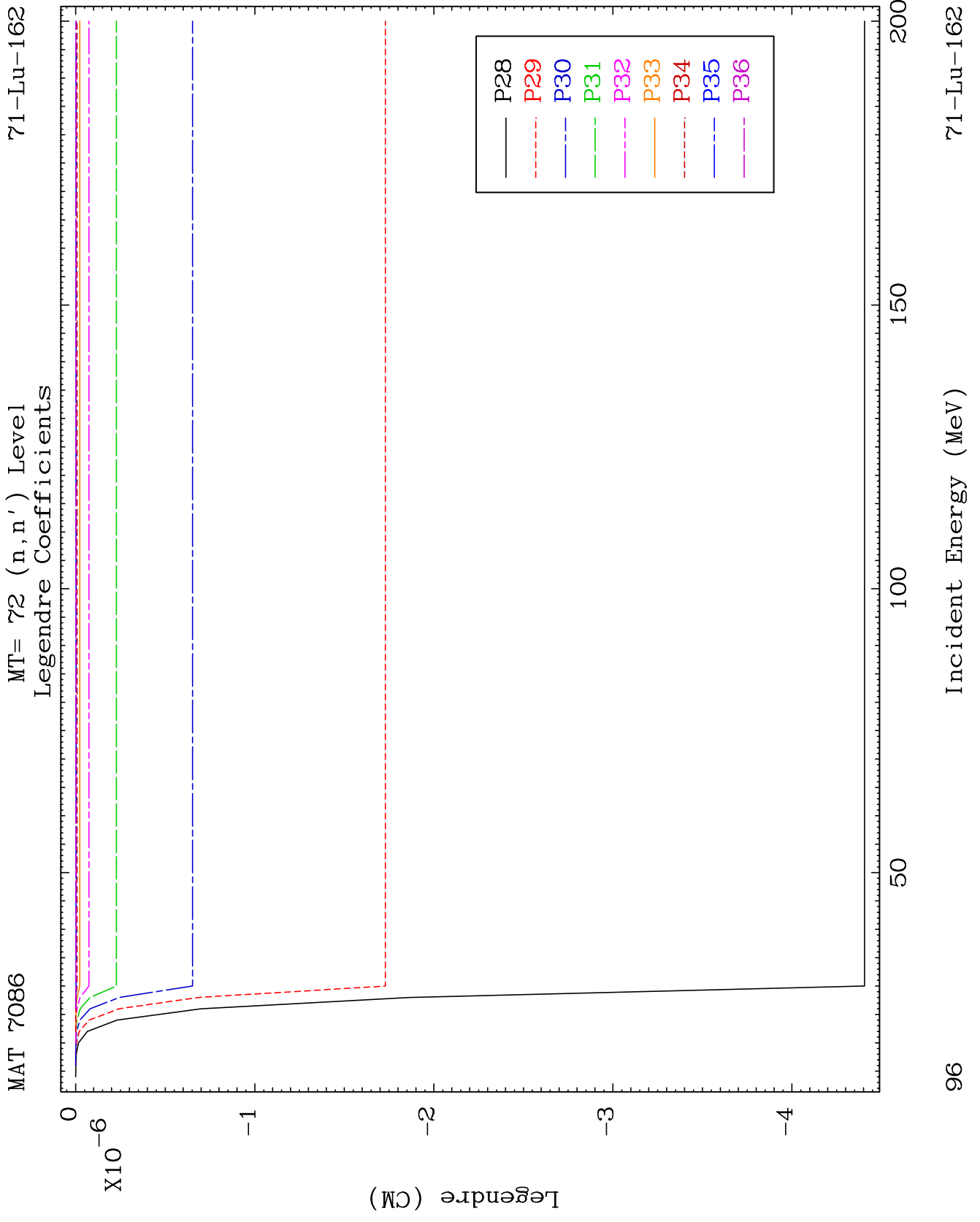
71-Lu-162

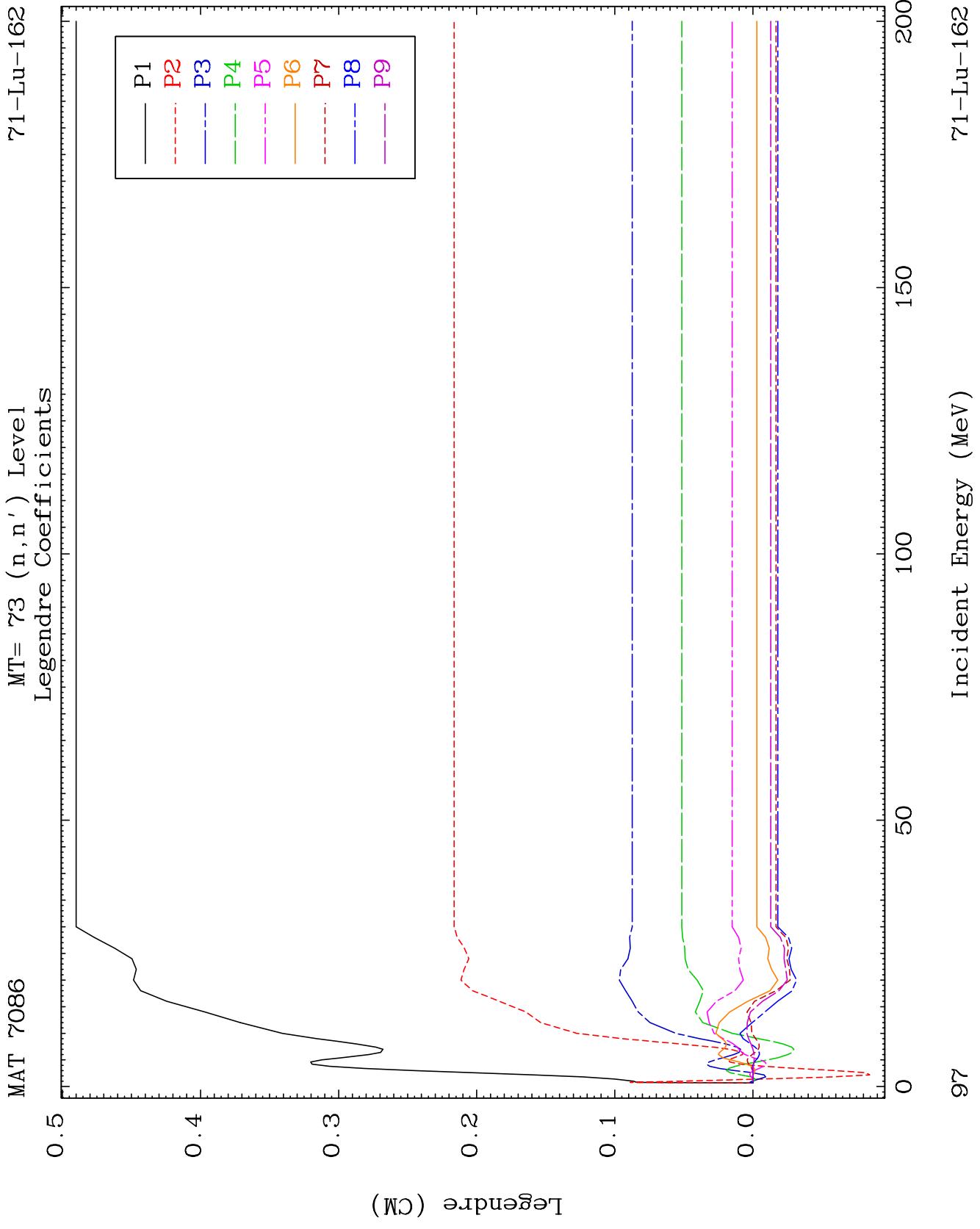


95

Incident Energy (MeV)

71-Lu-162

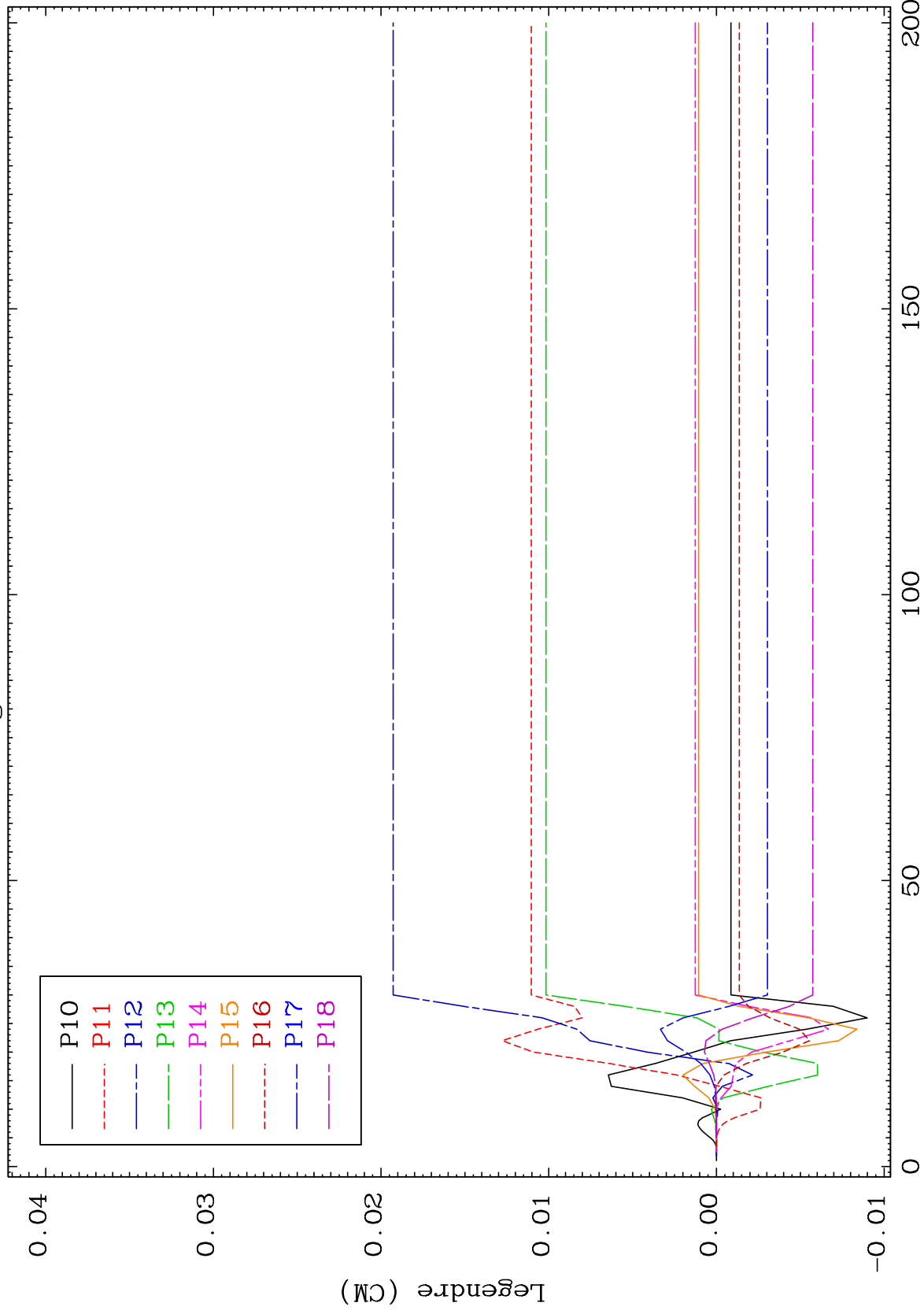




MAT 7086

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

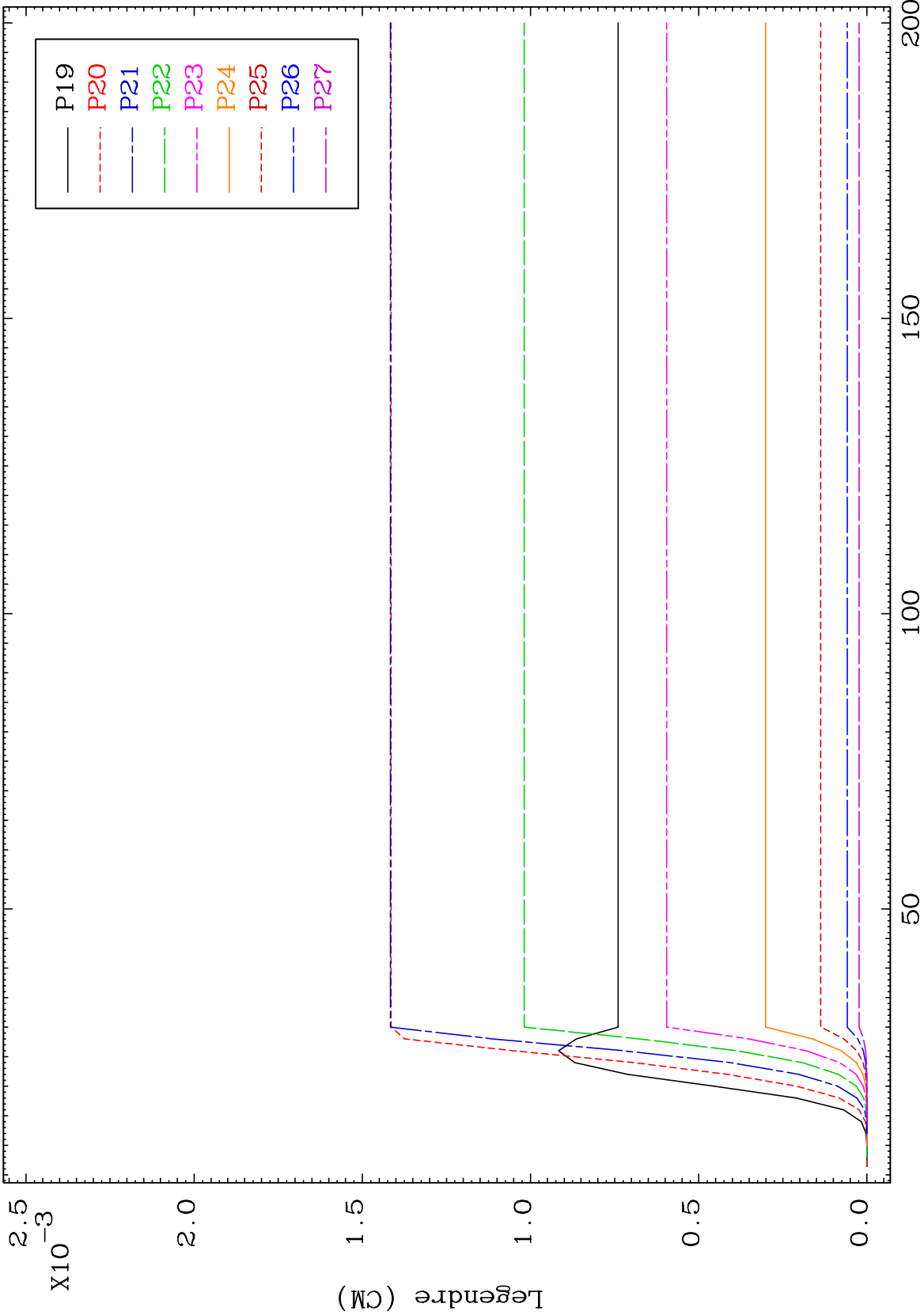
71-Lu-162



98

Incident Energy (MeV)

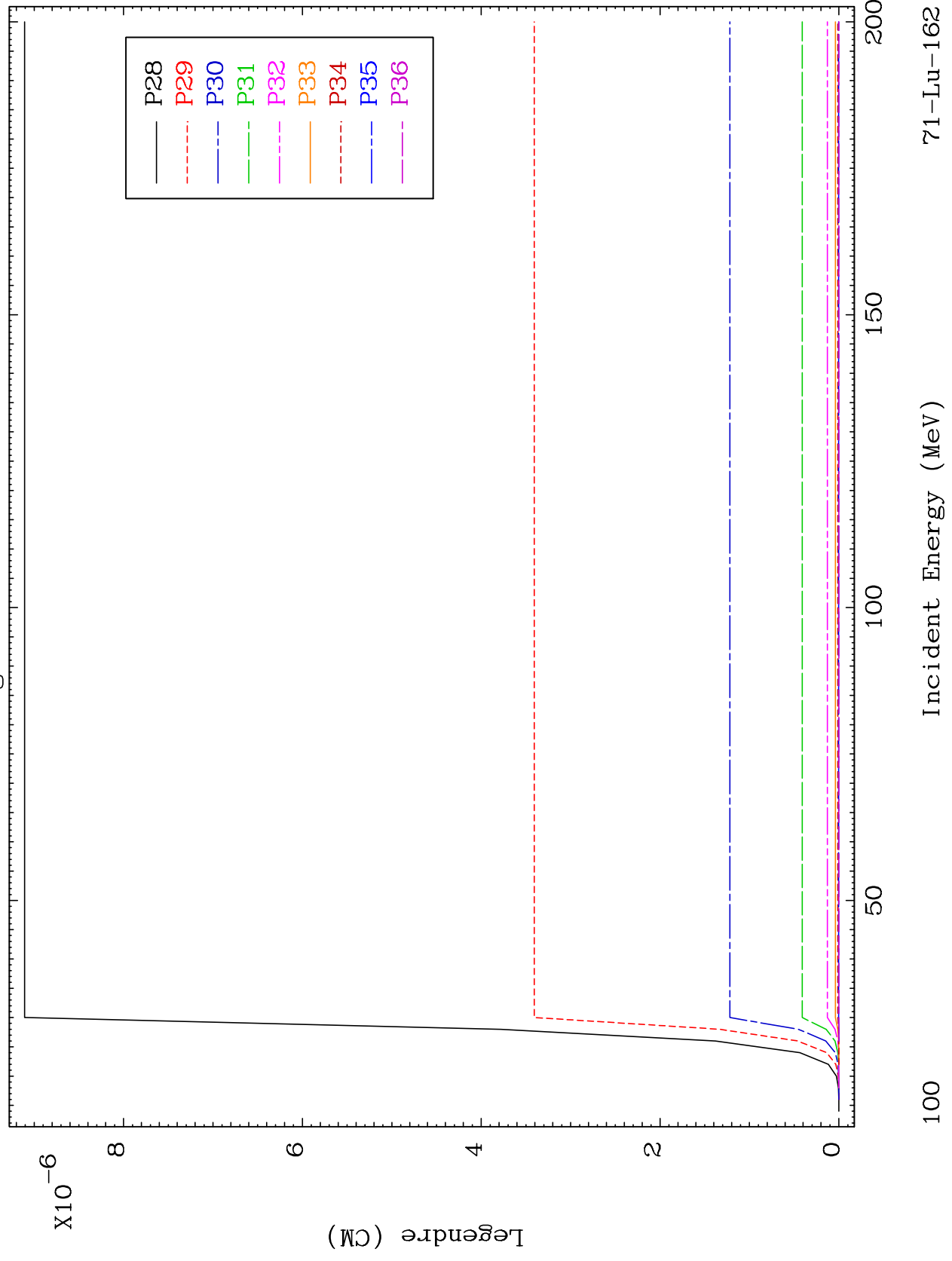
71-Lu-162

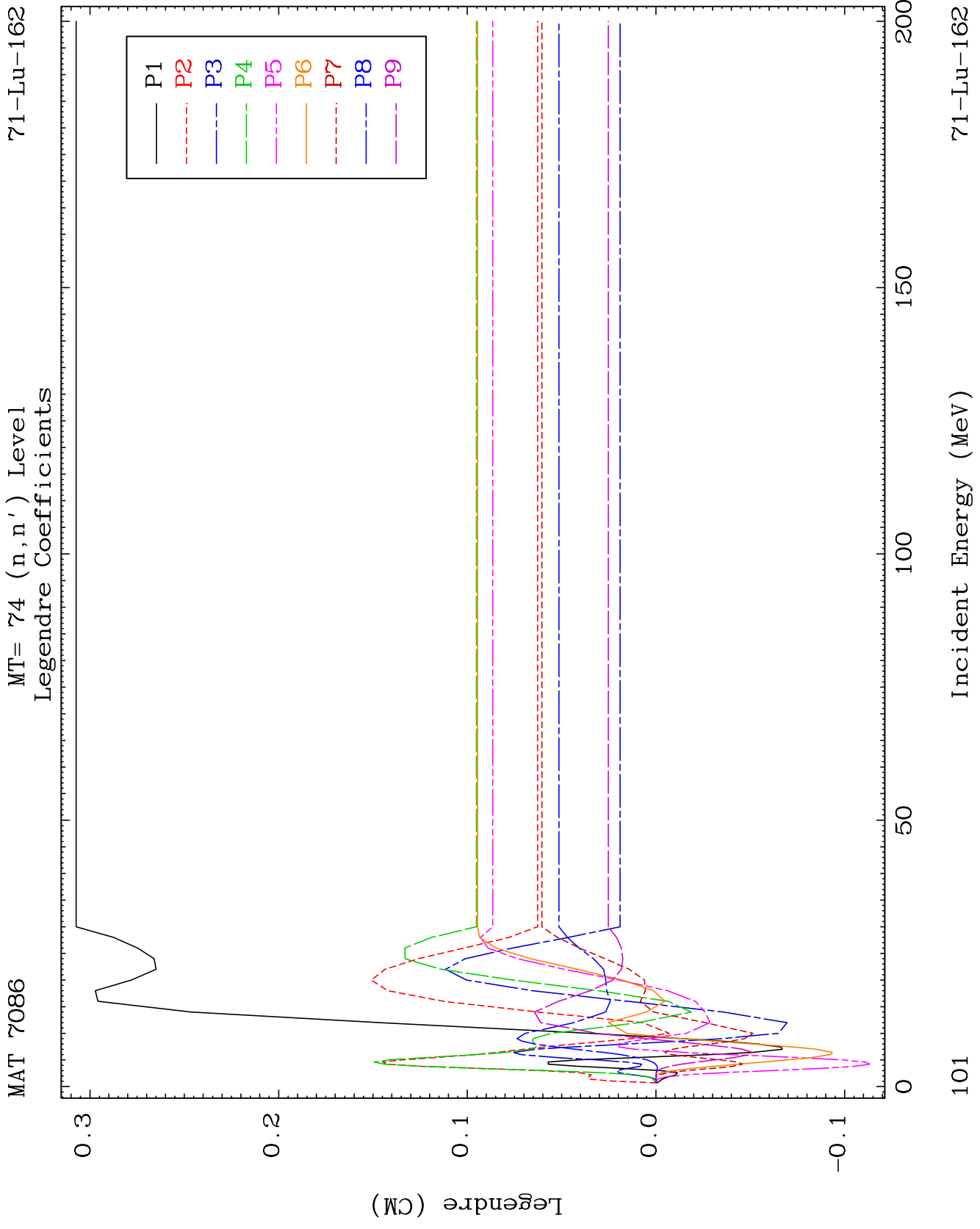


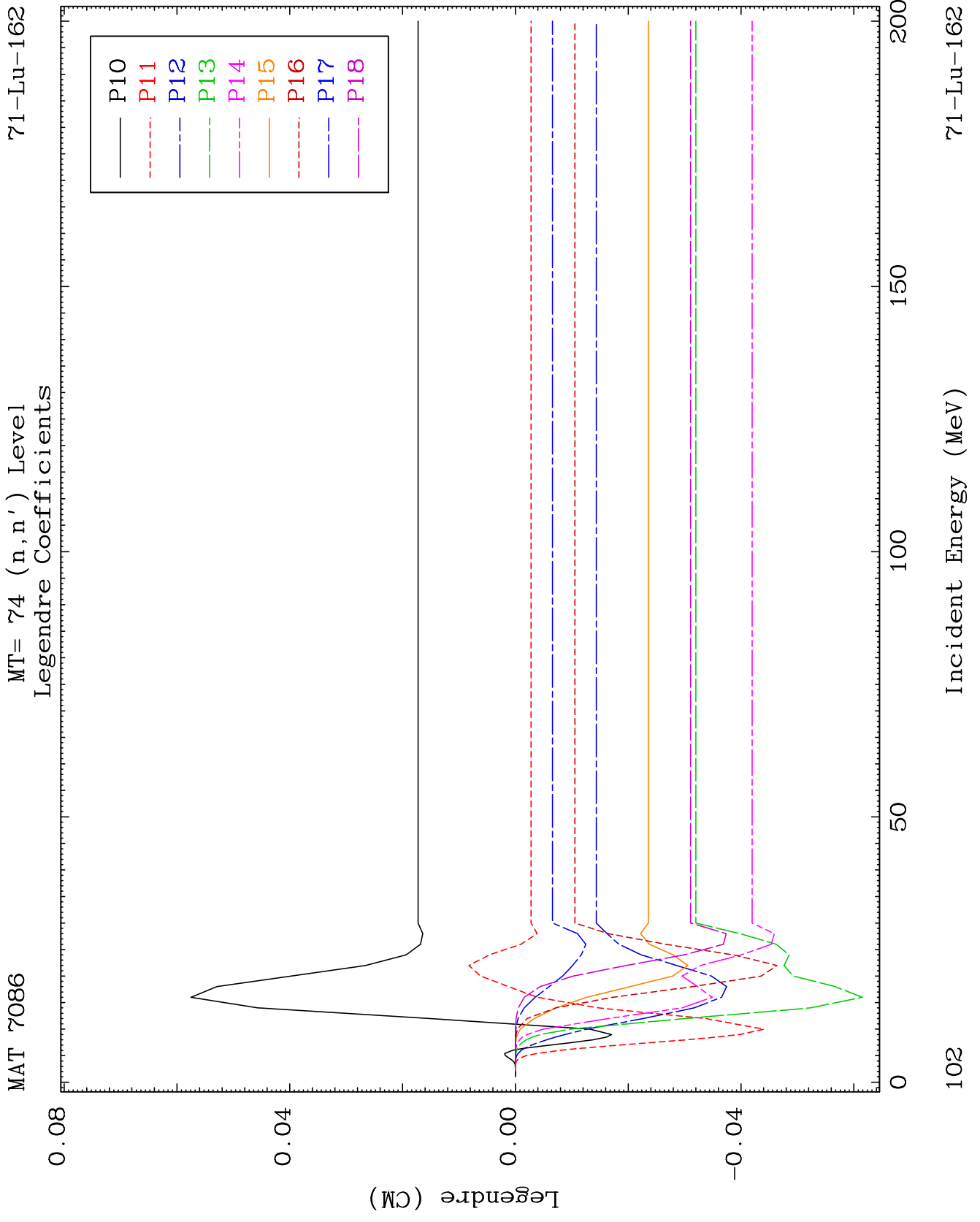
MAT 7086

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

71-Lu-162



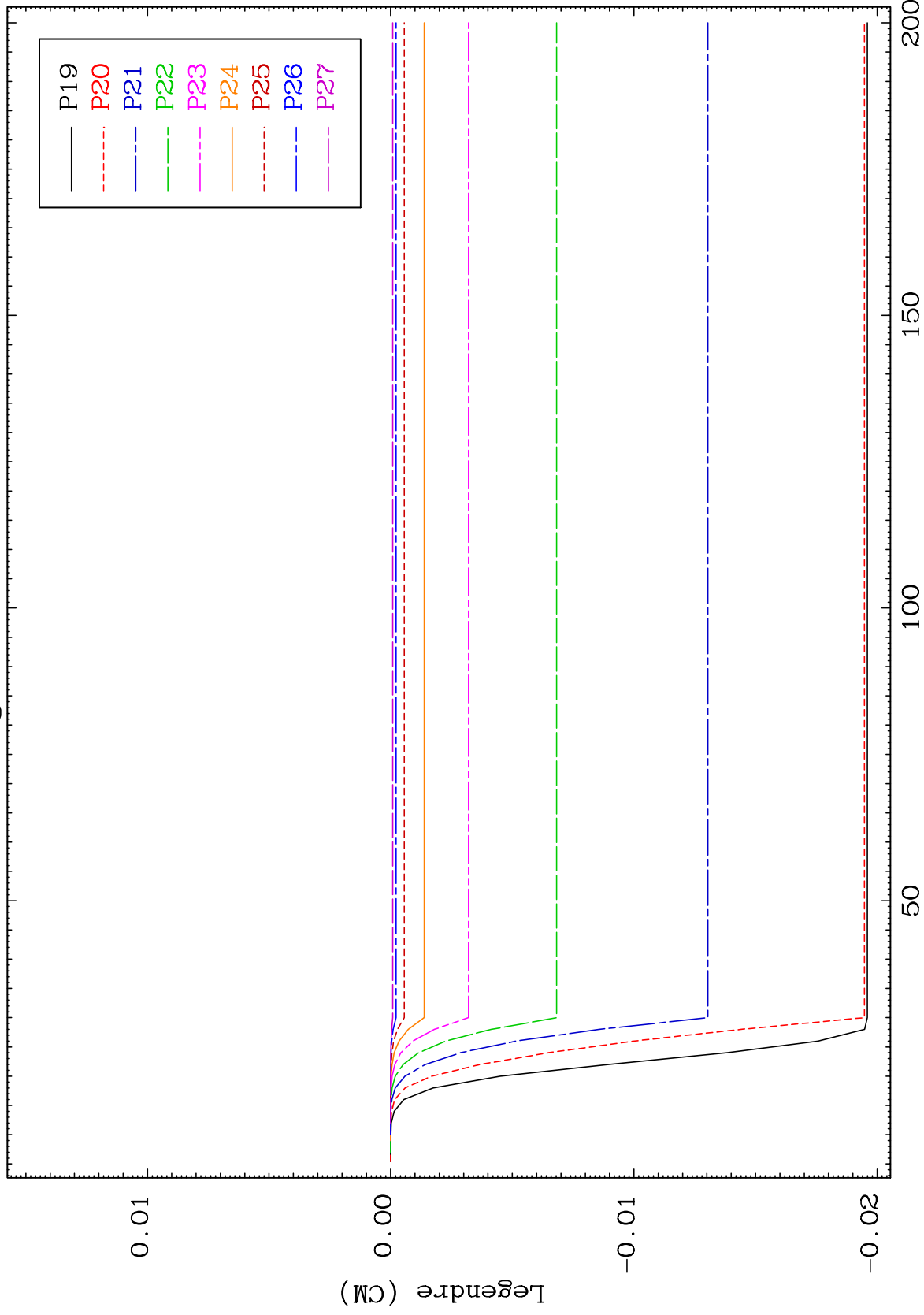




MAT 7086

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

71-Lu-162



103

Incident Energy (MeV)

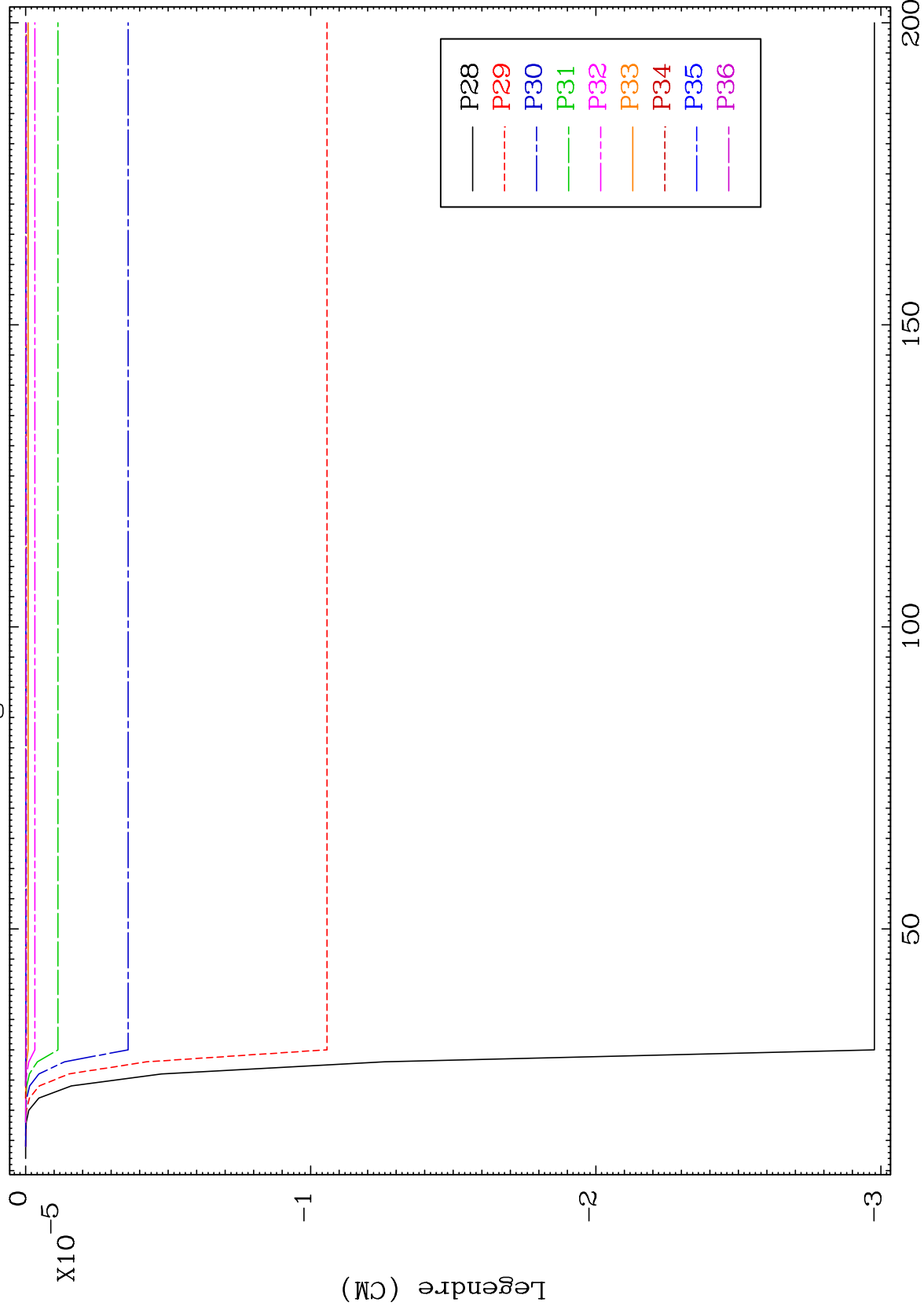
71-Lu-162

MAT 7086

MT= 74 (n,n') Level

71-Lu-162

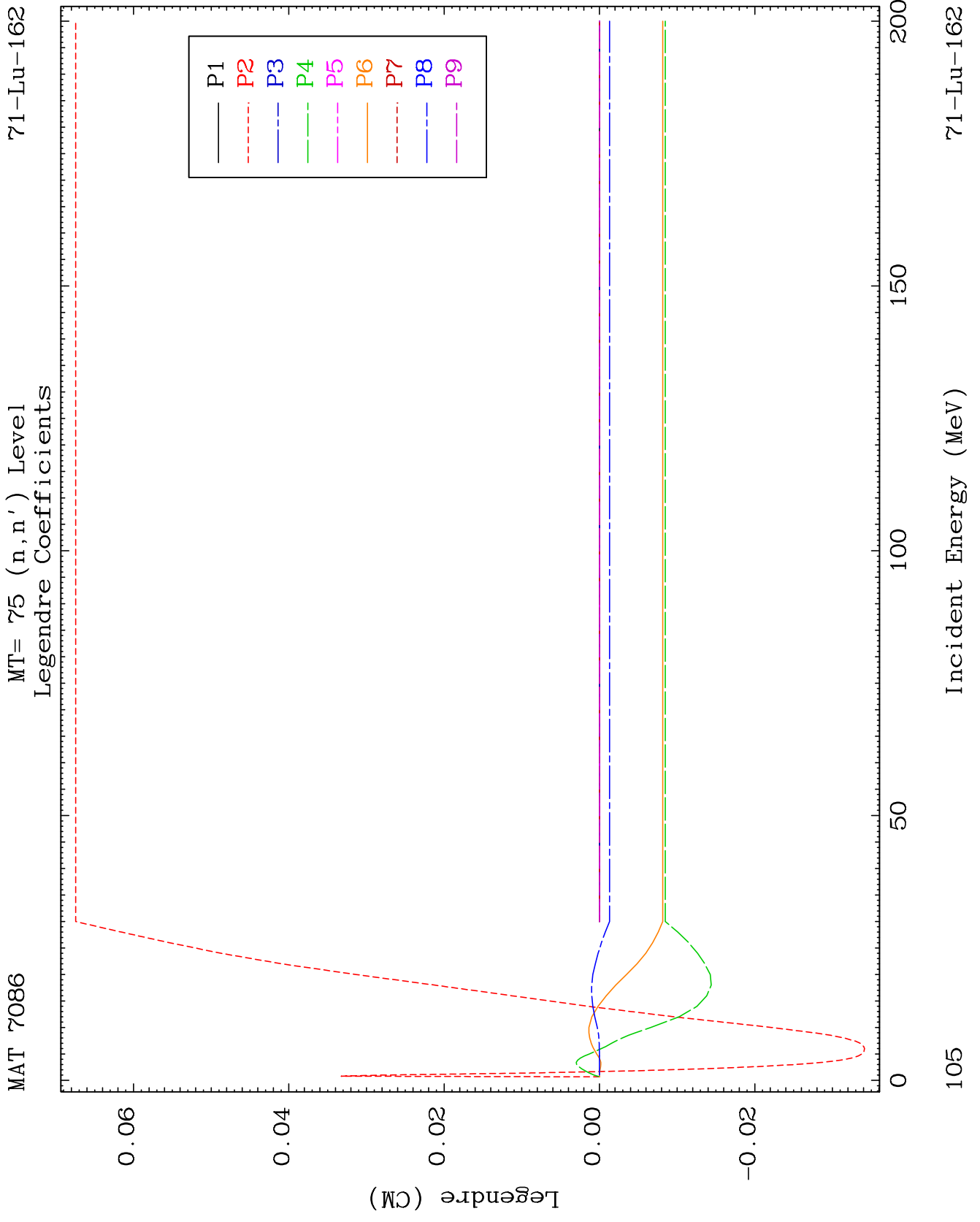
Legendre Coefficients



71-Lu-162

Incident Energy (MeV)

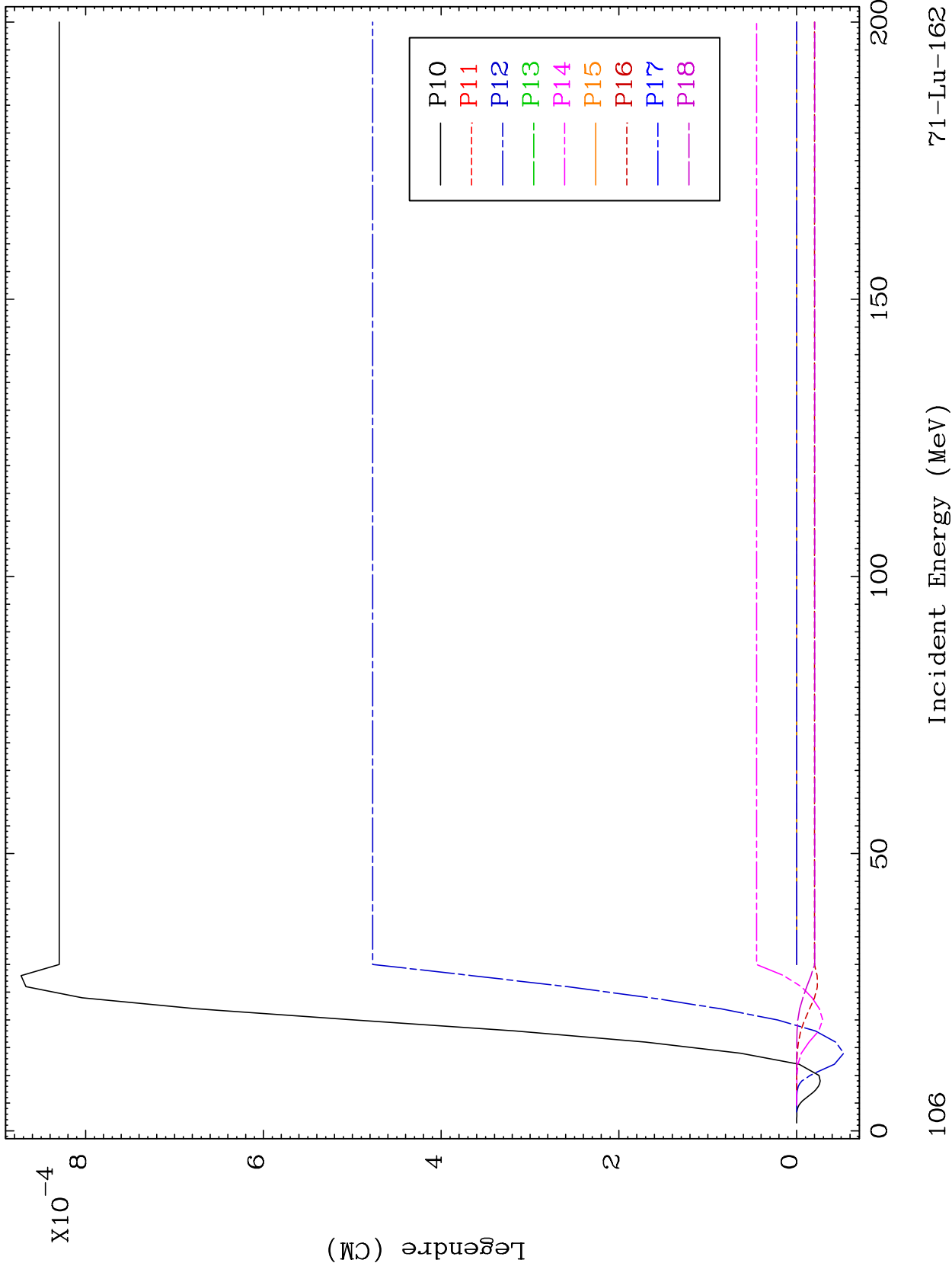
104



MAT 7086

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

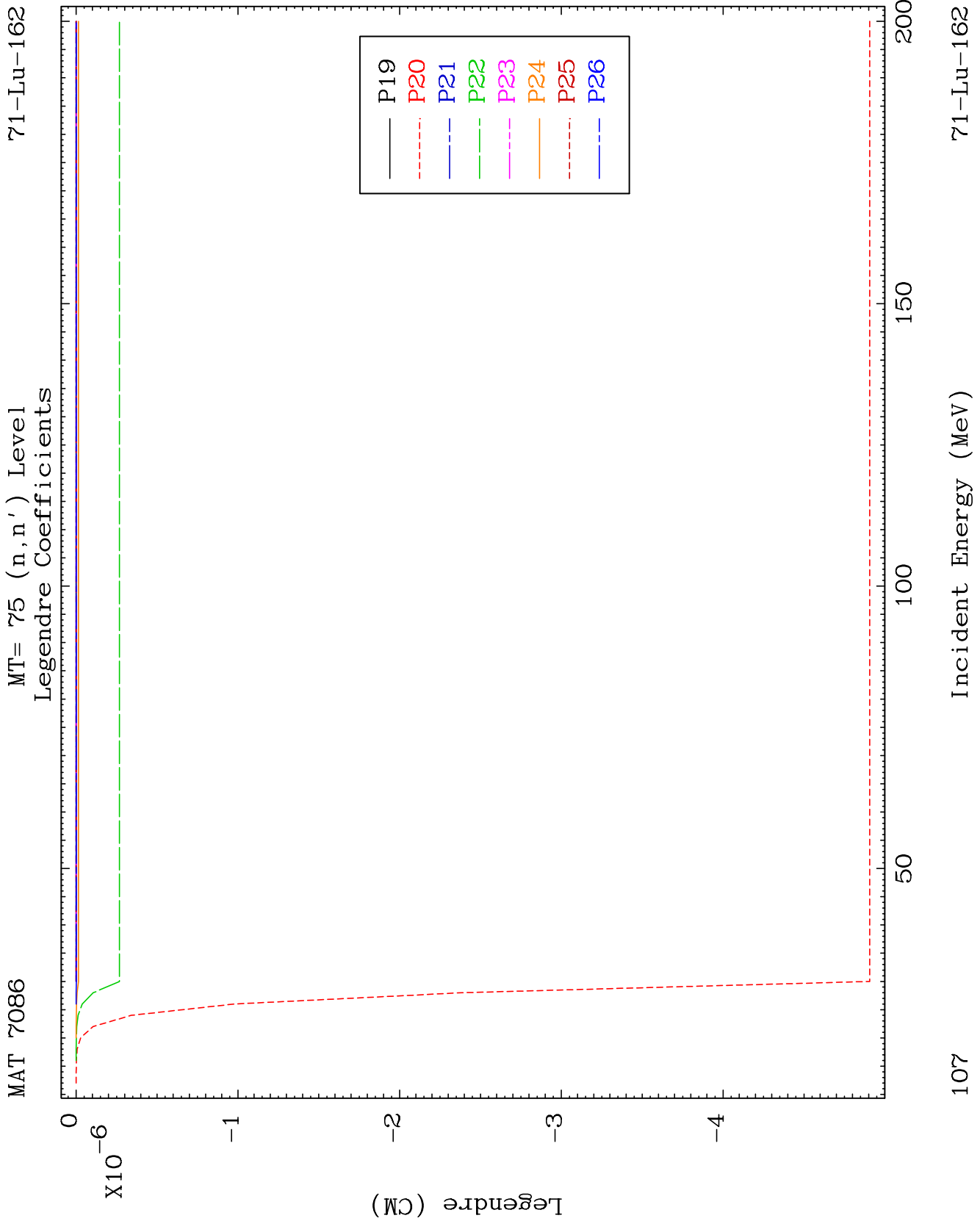
71-Lu-162



71-Lu-162

Incident Energy (MeV)

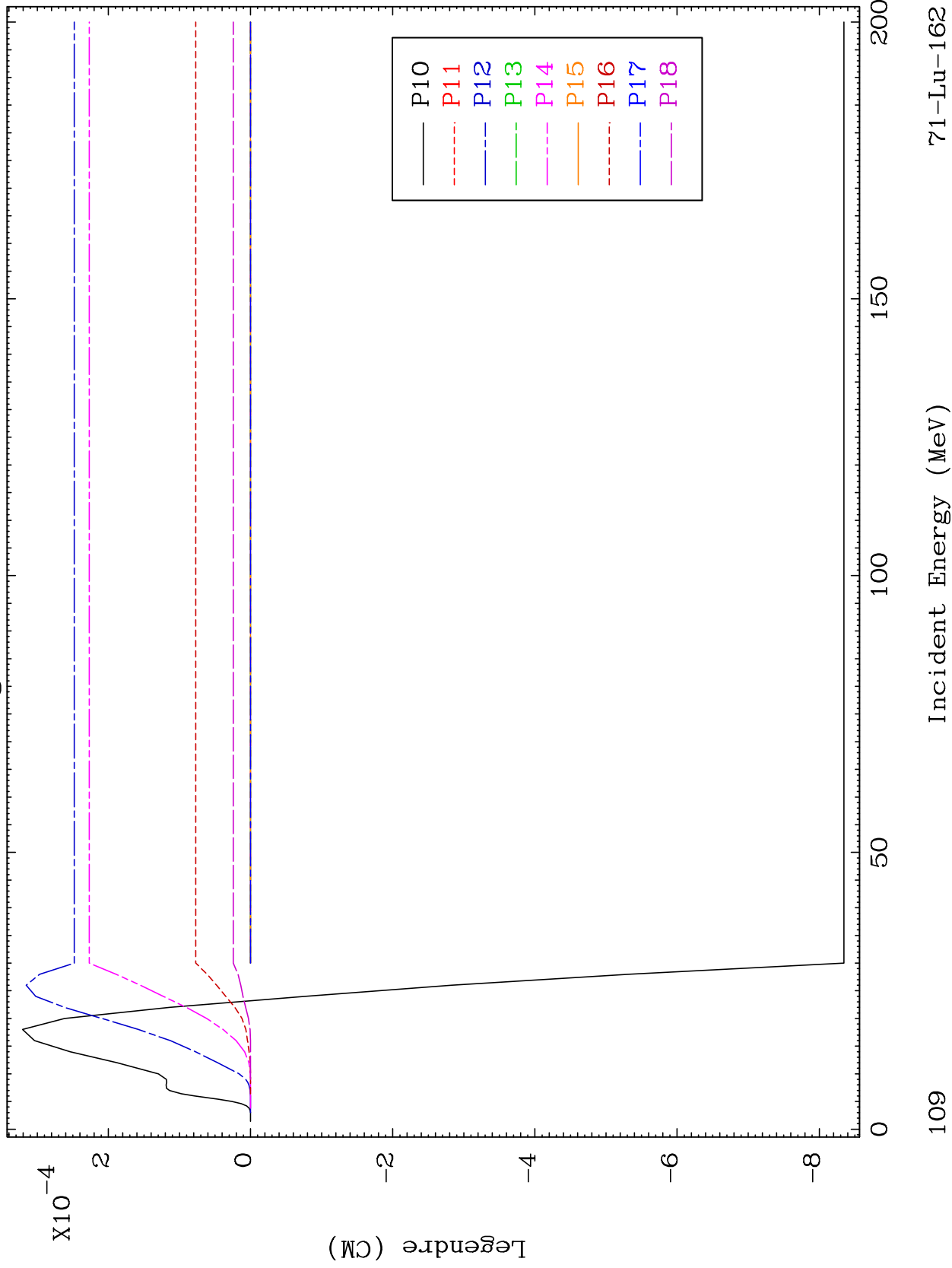
106



MAT 7086

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

71-Lu-162



71-Lu-162

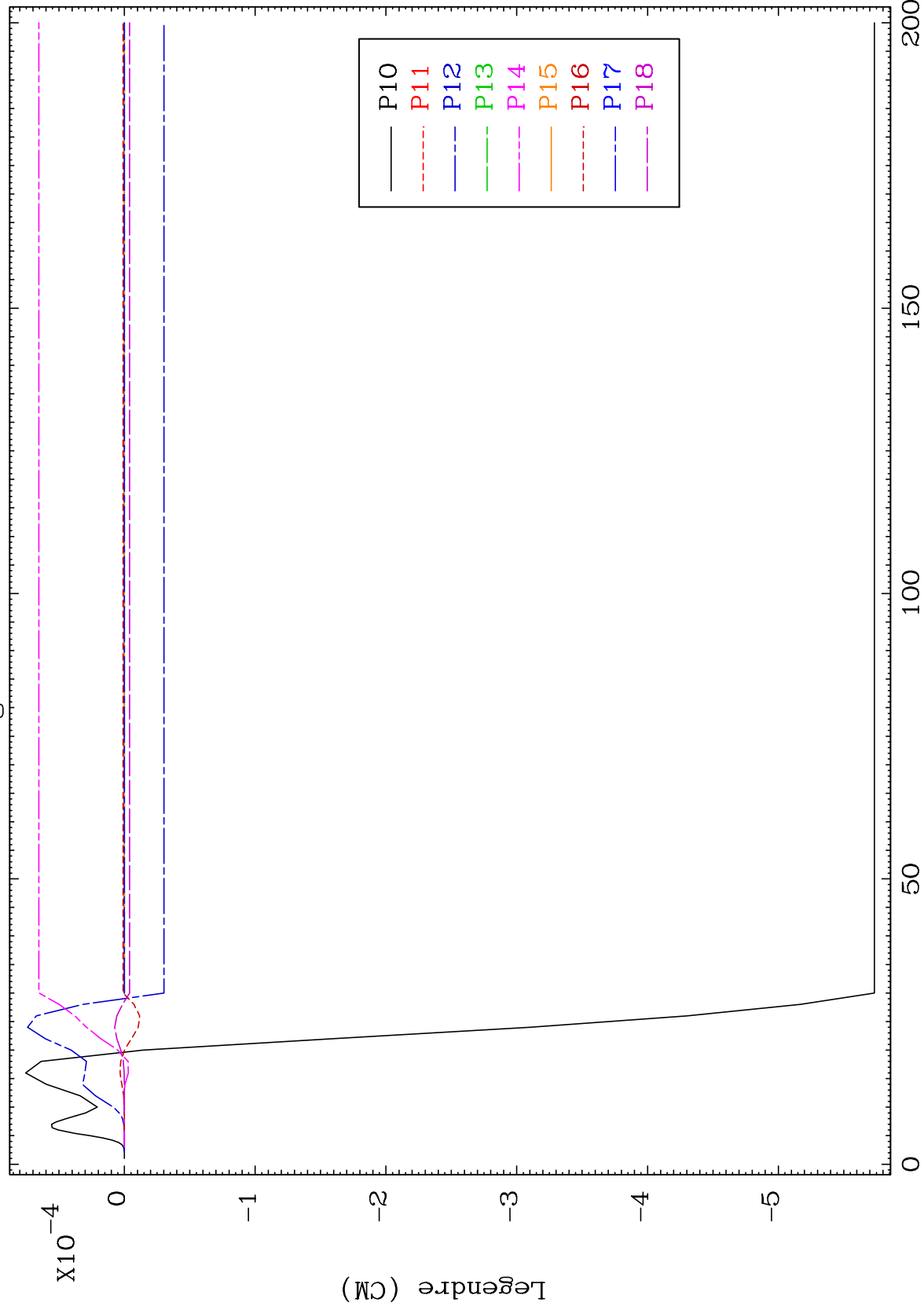
Incident Energy (MeV)

109

MAT 7086

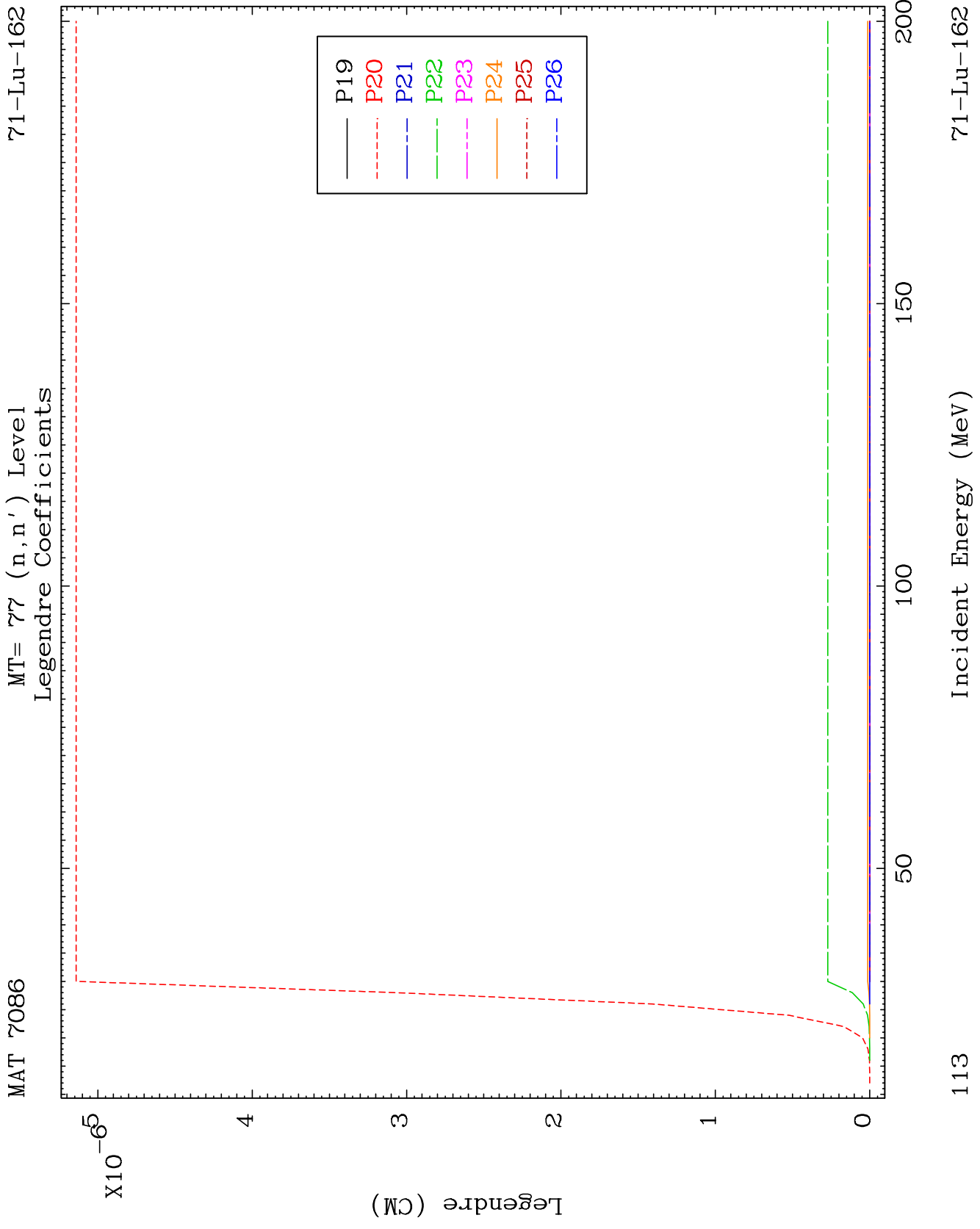
MT= 77 (n,n') Level
Legendre Coefficients

71-Lu-162



112

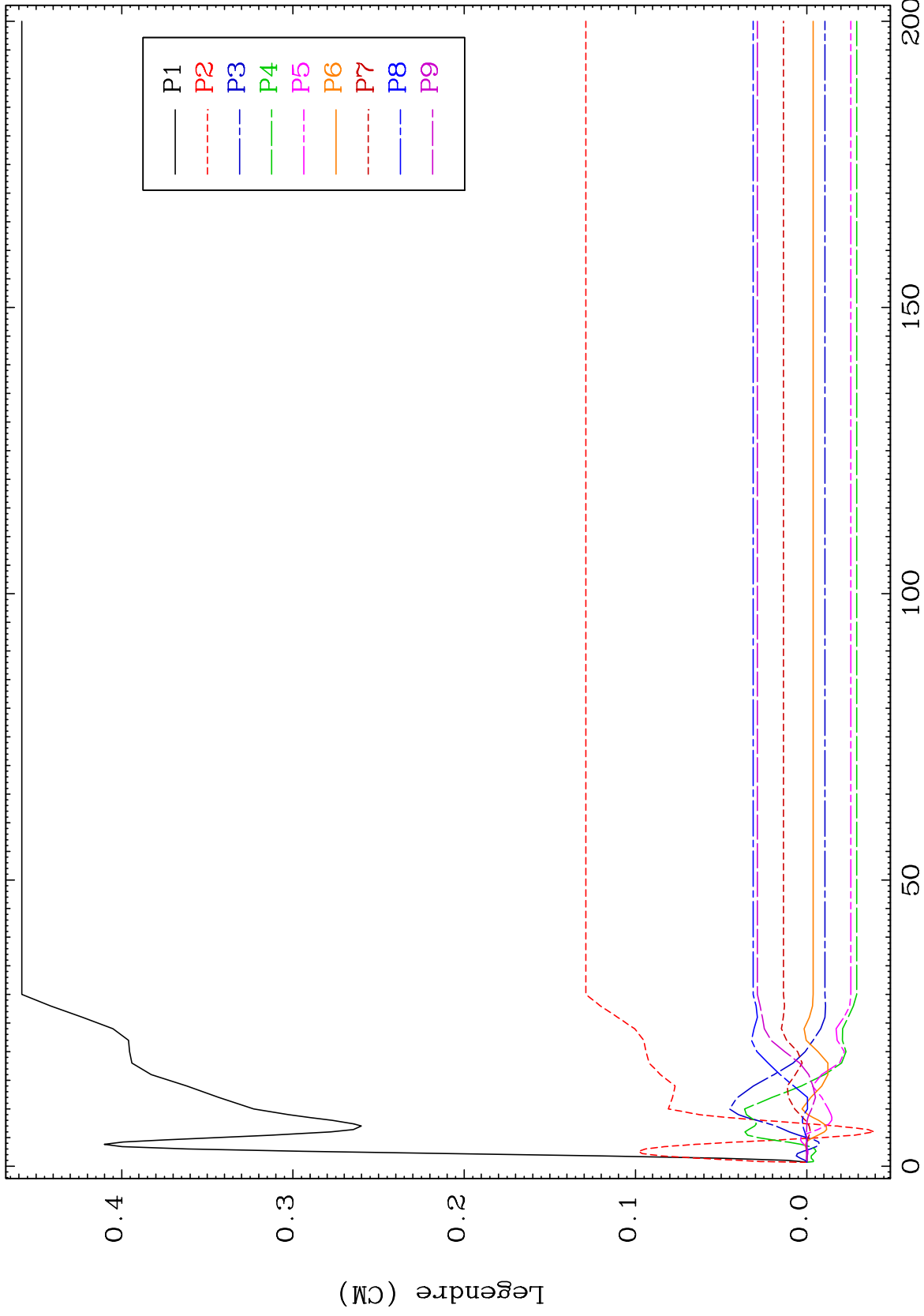
71-Lu-162



MAT 7086

MT= 78 (n,n') Level
Legendre Coefficients

71-Lu-162



114

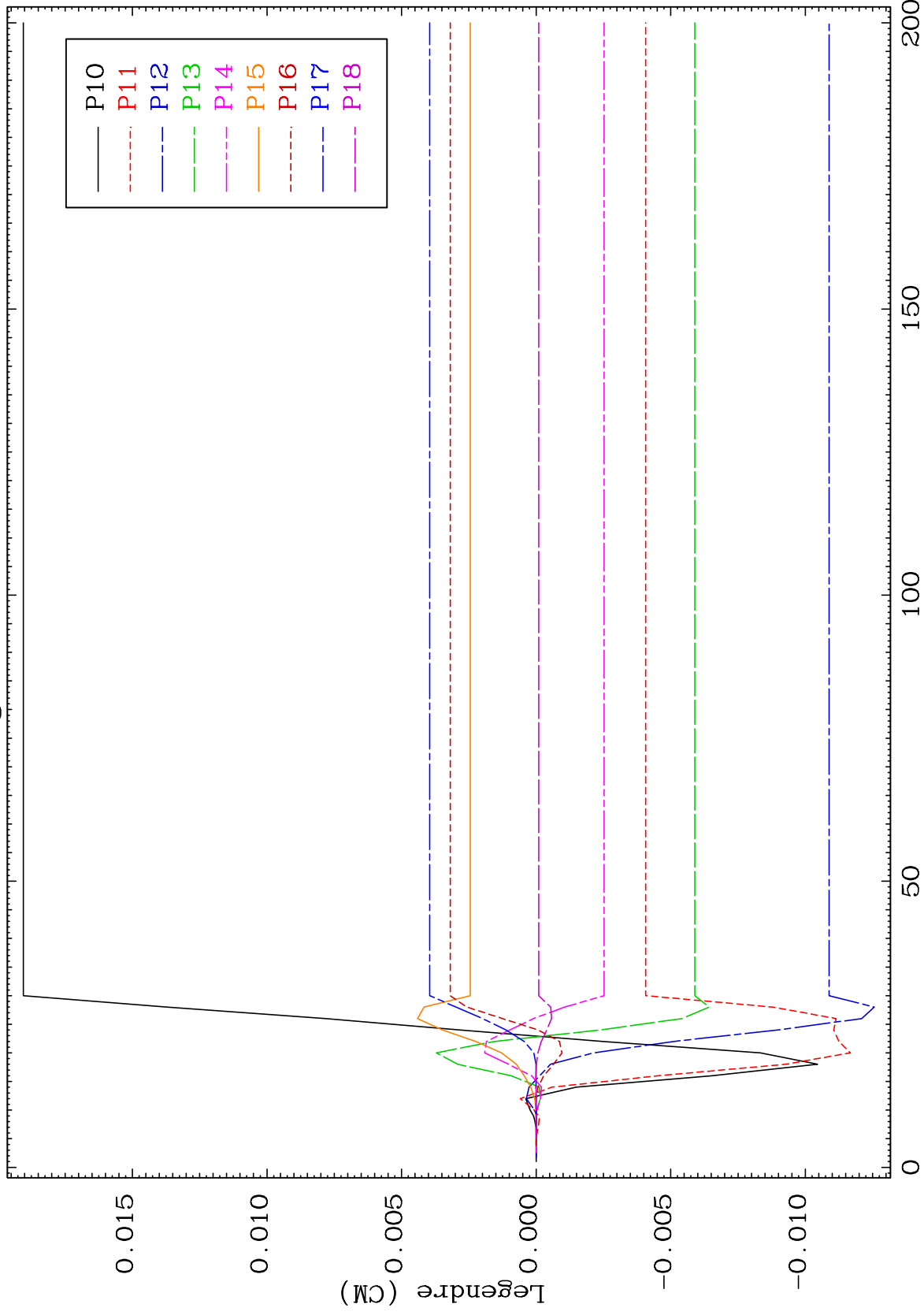
Incident Energy (MeV)

71-Lu-162

MAT 7086

MT= 78 (n,n') Level
Legendre Coefficients

71-Lu-162



115

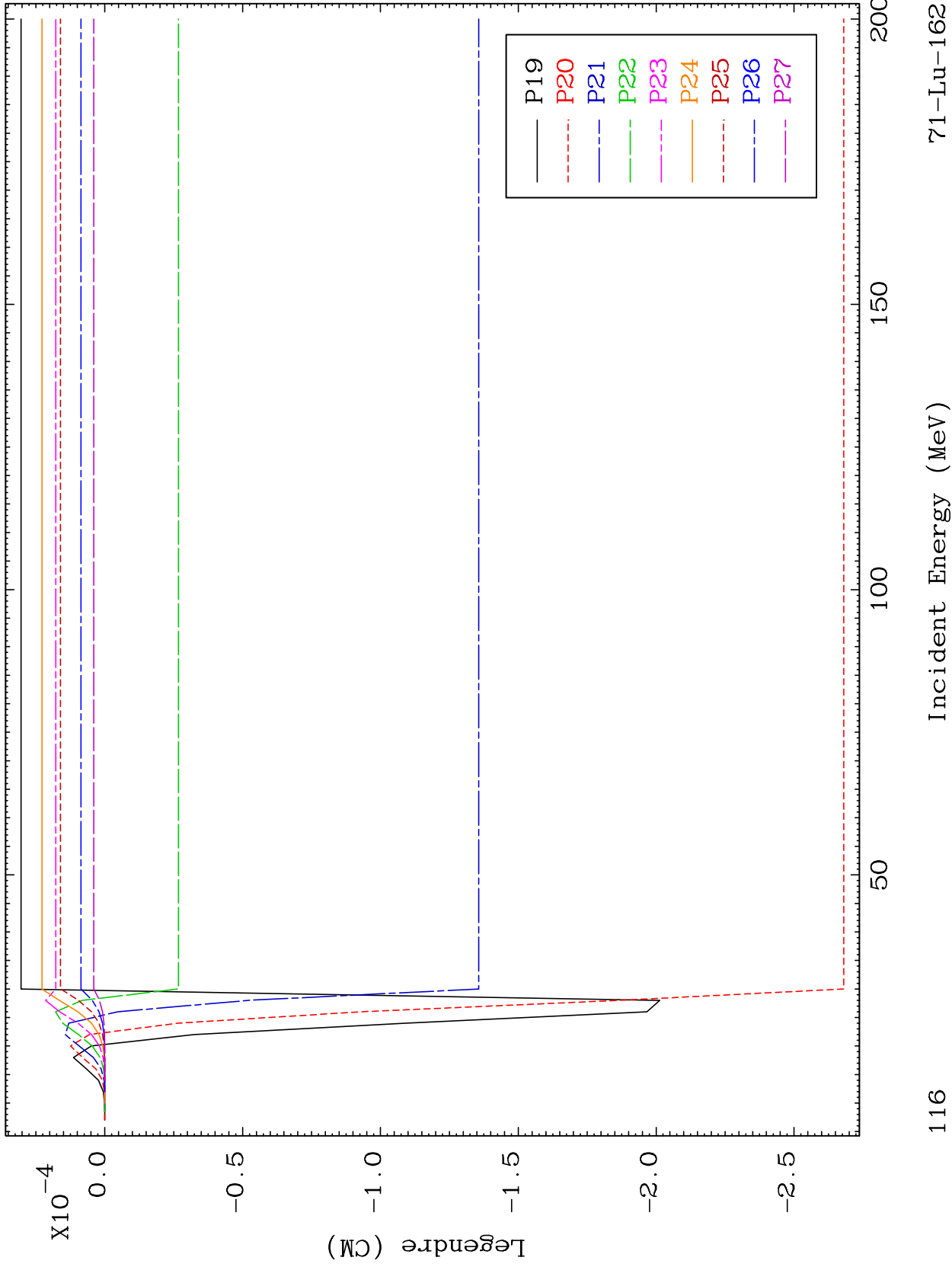
Incident Energy (MeV)

71-Lu-162

MAT 7086

MT= 78 (n,n') Level
Legendre Coefficients

71-Lu-162



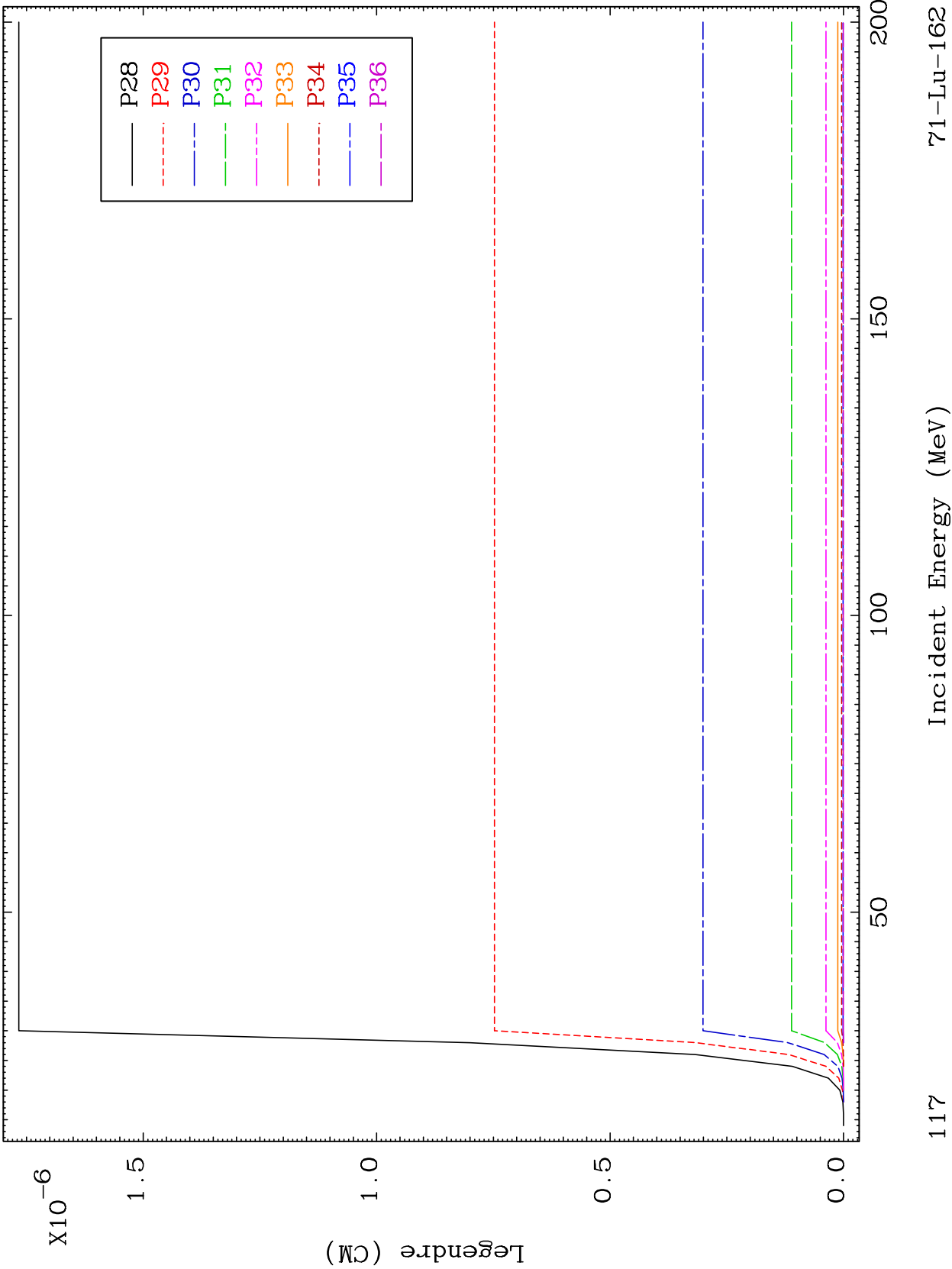
116

71-Lu-162

MAT 7086

MT= 78 (n,n') Level
Legendre Coefficients

71-Lu-162



117

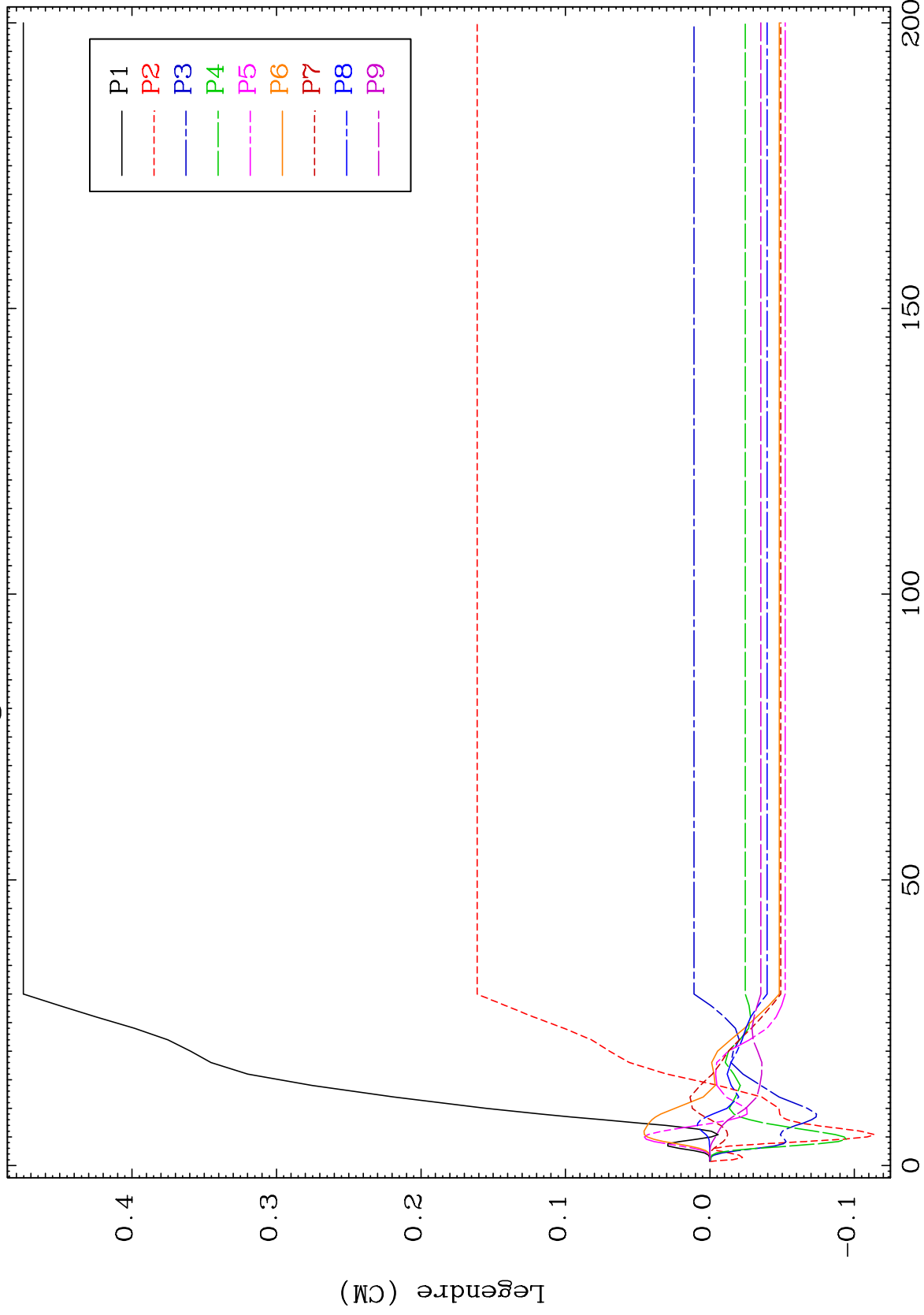
Incident Energy (MeV)

71-Lu-162

MAT 7086

MT= 79 (n,n') Level
Legendre Coefficients

71-Lu-162



71-Lu-162

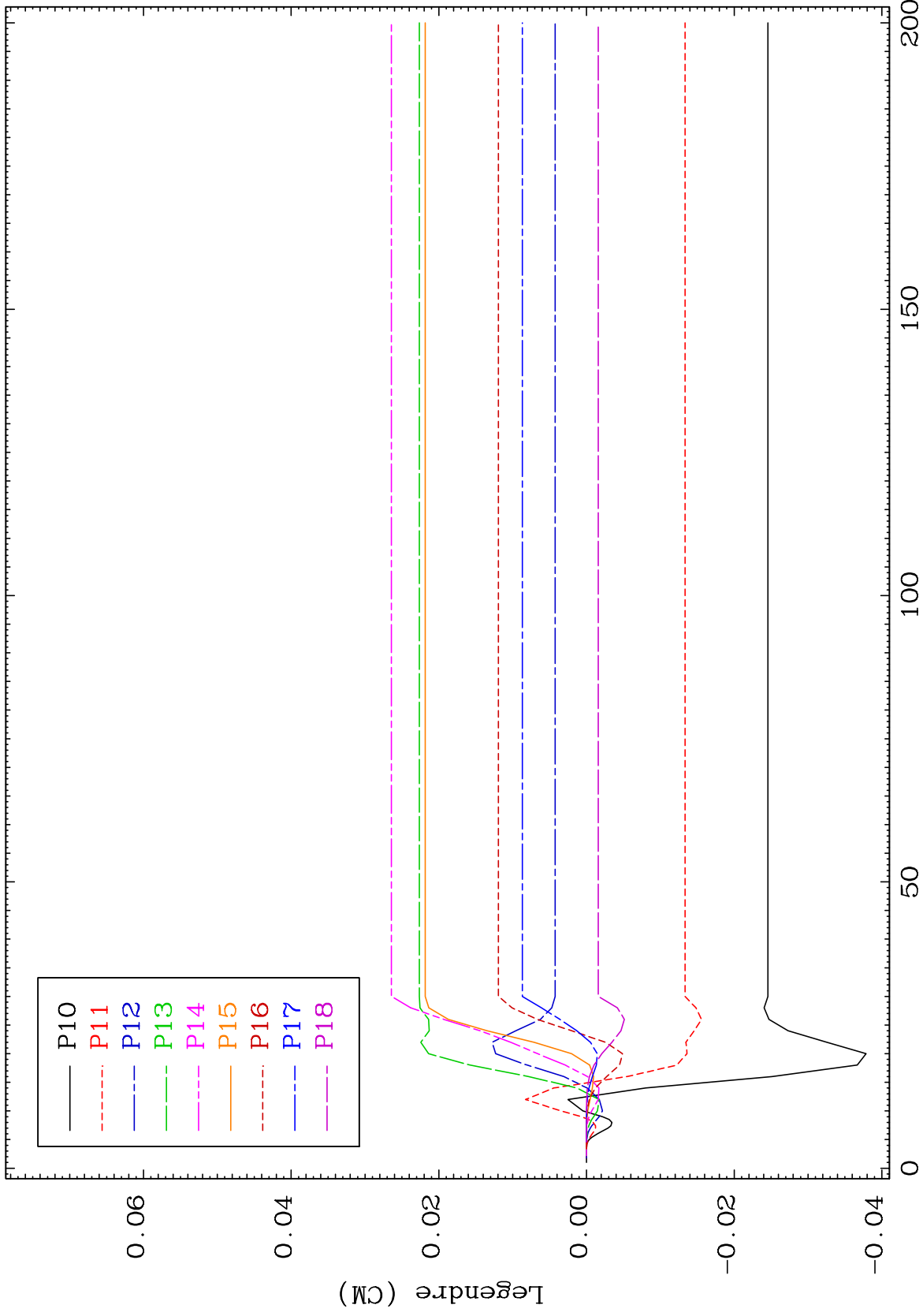
Incident Energy (MeV)

118

MAT 7086

MT= 79 (n,n') Level
Legendre Coefficients

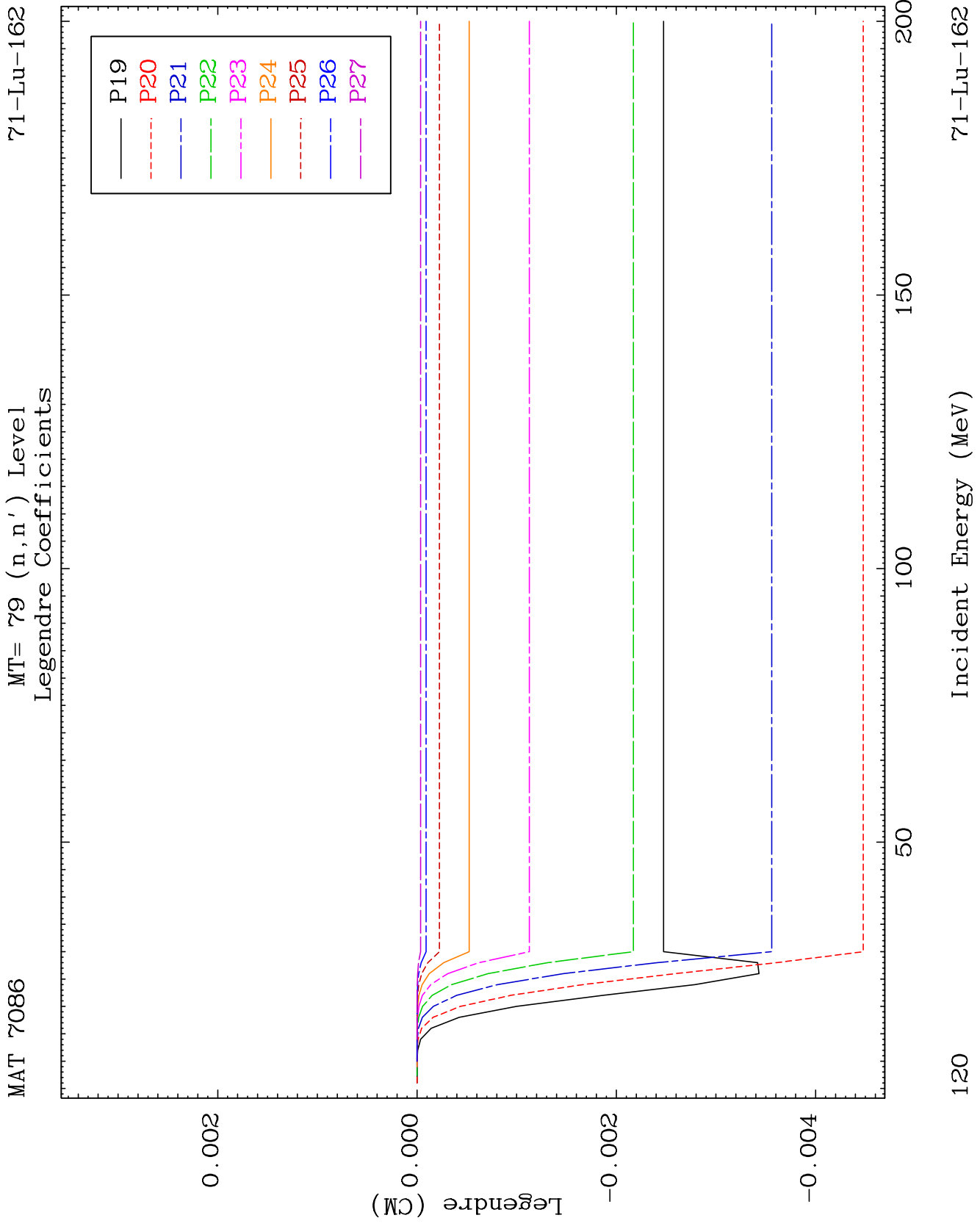
71-Lu-162

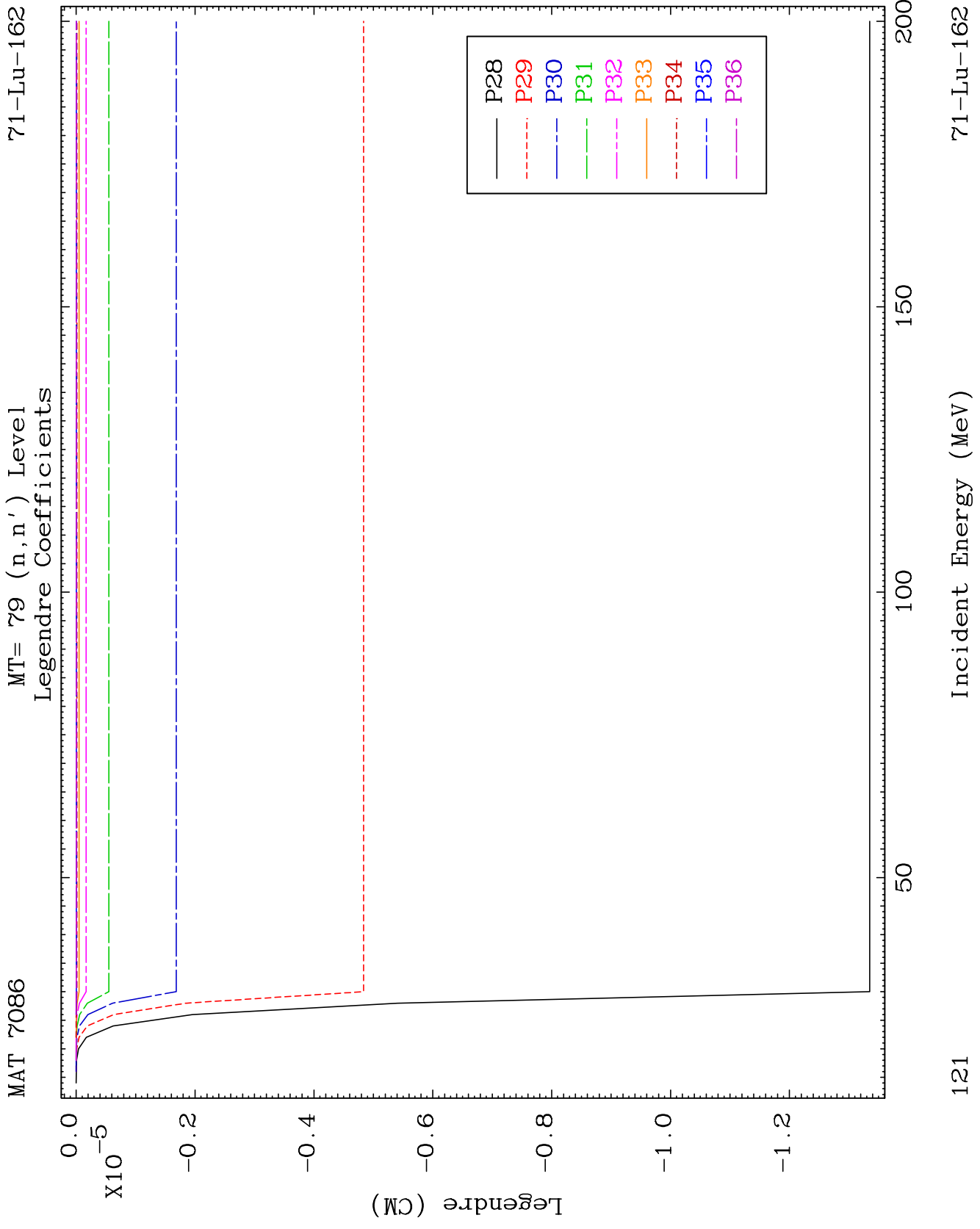


119

Incident Energy (MeV)

71-Lu-162

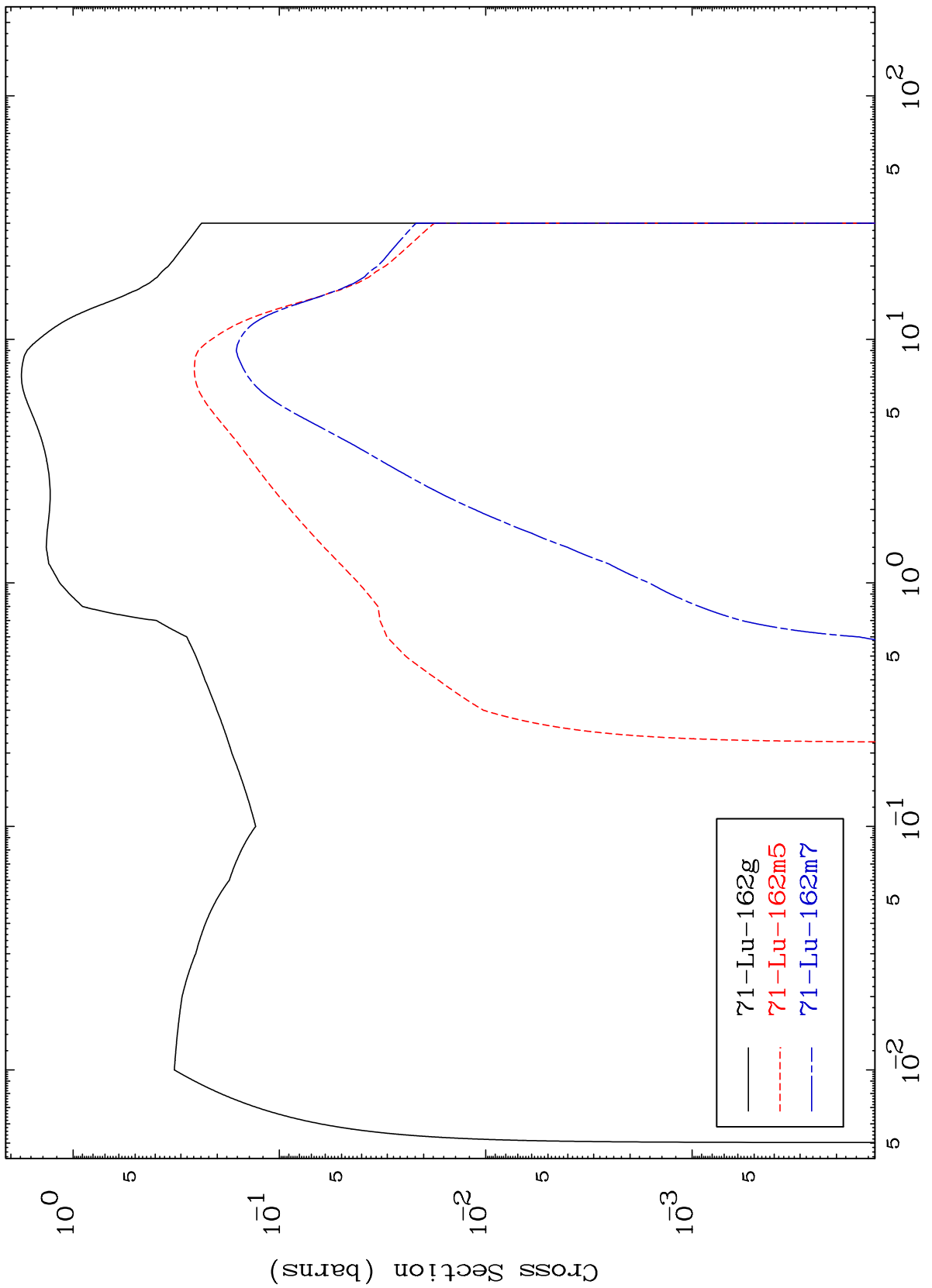




MAT 7086

71-Lu-162

Inelastic
Radionuclide Production Cross Section



71-Lu-162g
71-Lu-162m5
71-Lu-162m7

71-Lu-162

Incident Energy (MeV)

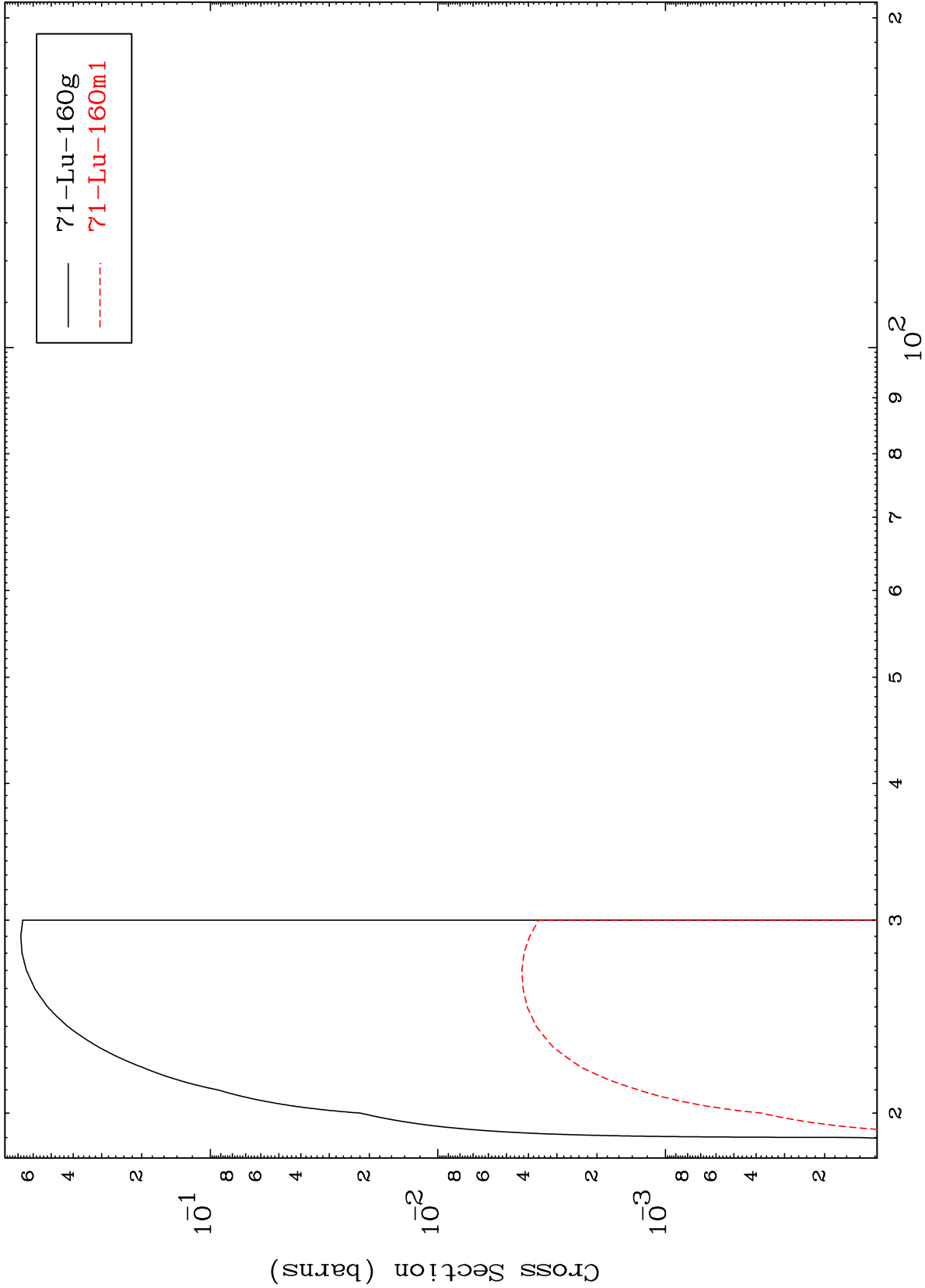
122

MAT 7086

(n,3n)

⁷¹Lu-162

Radionuclide Production Cross Section



123

Incident Energy (MeV)

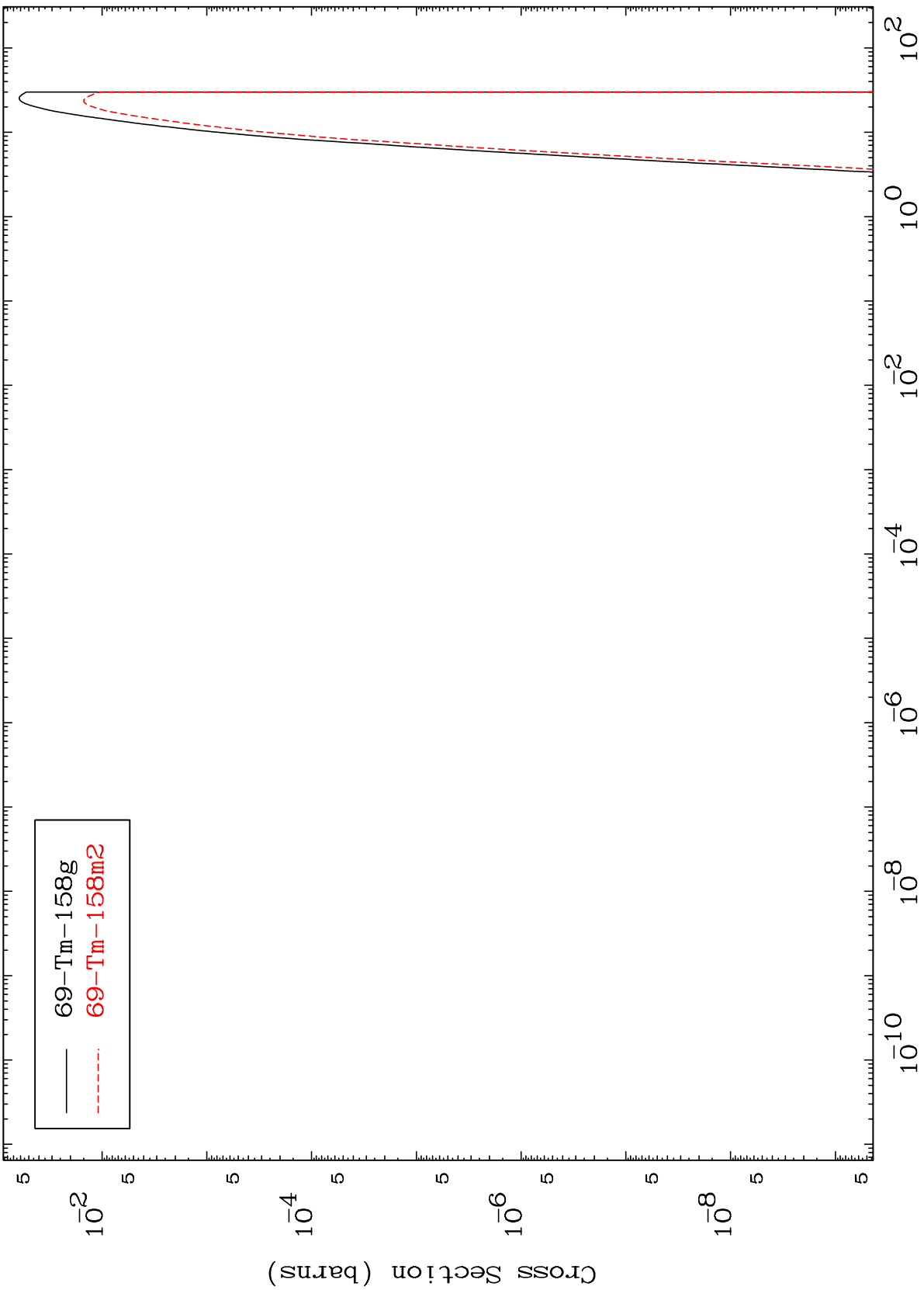
⁷¹Lu-162

MAT 7086

$(n, n') \alpha$

71-Lu-162

Radionuclide Production Cross Section



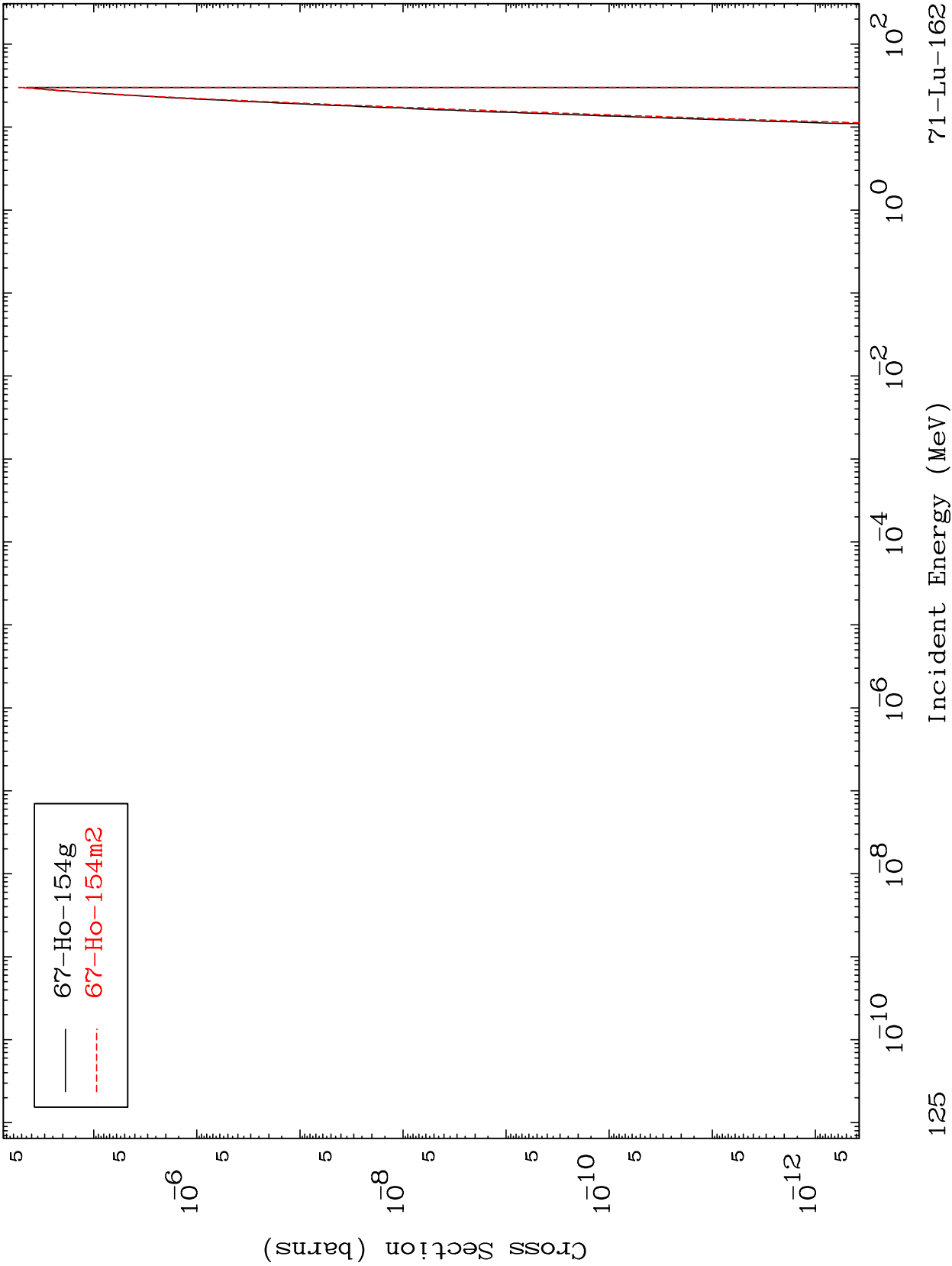
69-Tm-158g
69-Tm-158m2

MAT 7086

(n,n') 2α

71-Lu-162

Radionuclide Production Cross Section

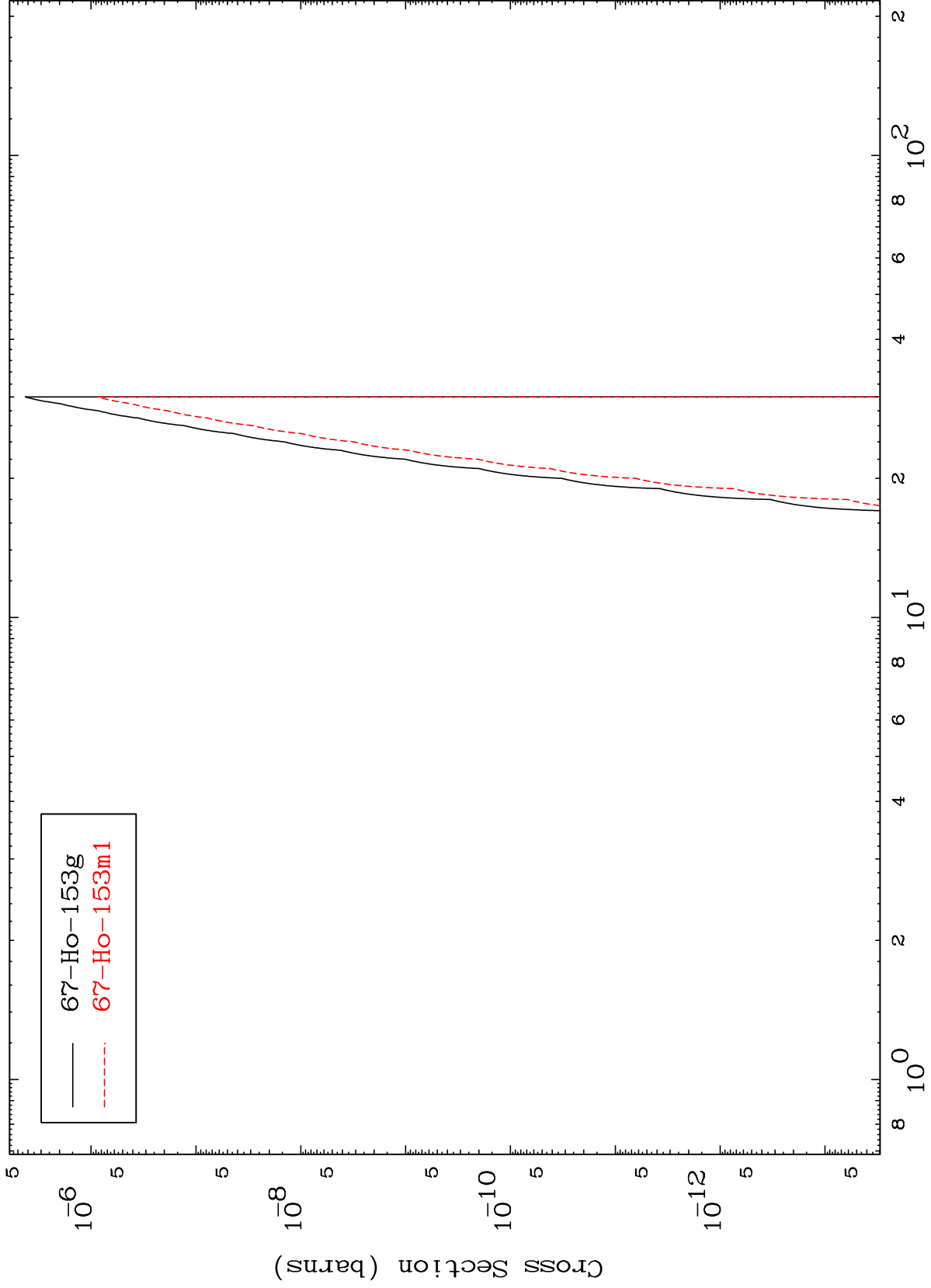


MAT 7086

(n,2n) 2α

71-Lu-162

Radionuclide Production Cross Section



126

Incident Energy (MeV)

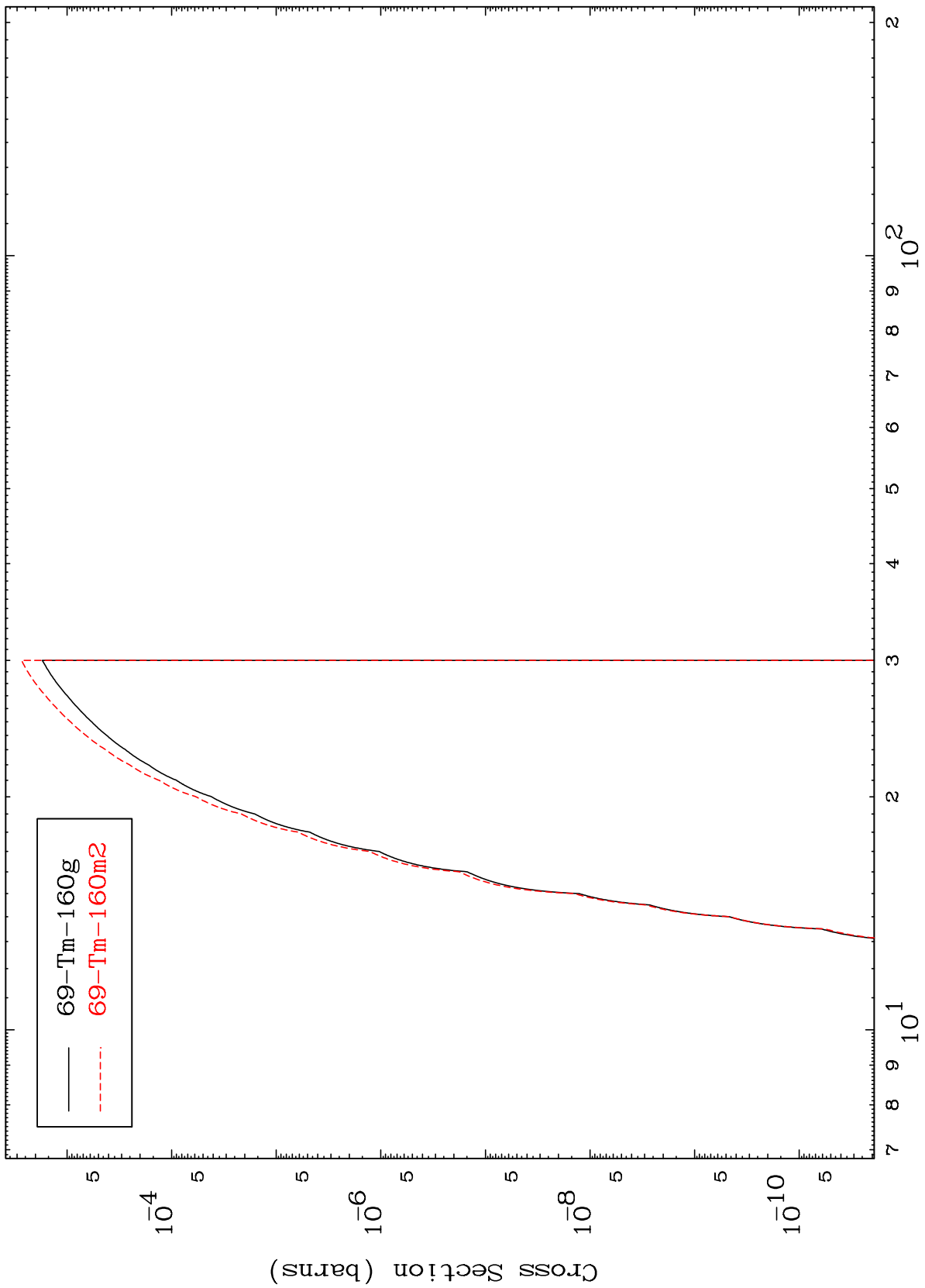
71-Lu-162

MAT 7086

(n,2n) p

71-Lu-162

Radionuclide Production Cross Section



69-Tm-160g
69-Tm-160m2

127

Incident Energy (MeV)

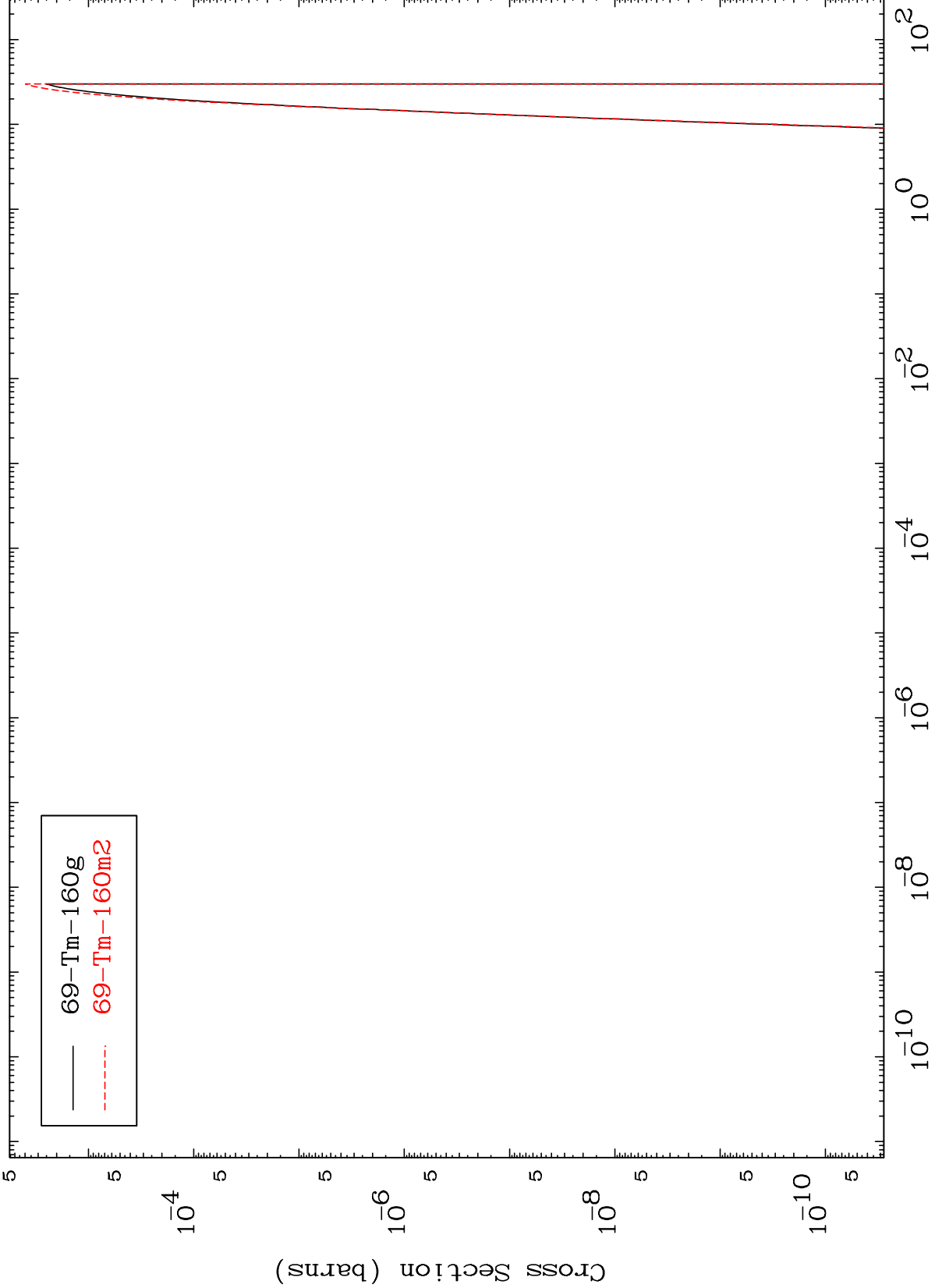
71-Lu-162

MAT 7086

(n,He-3)

71-Lu-162

Radionuclide Production Cross Section



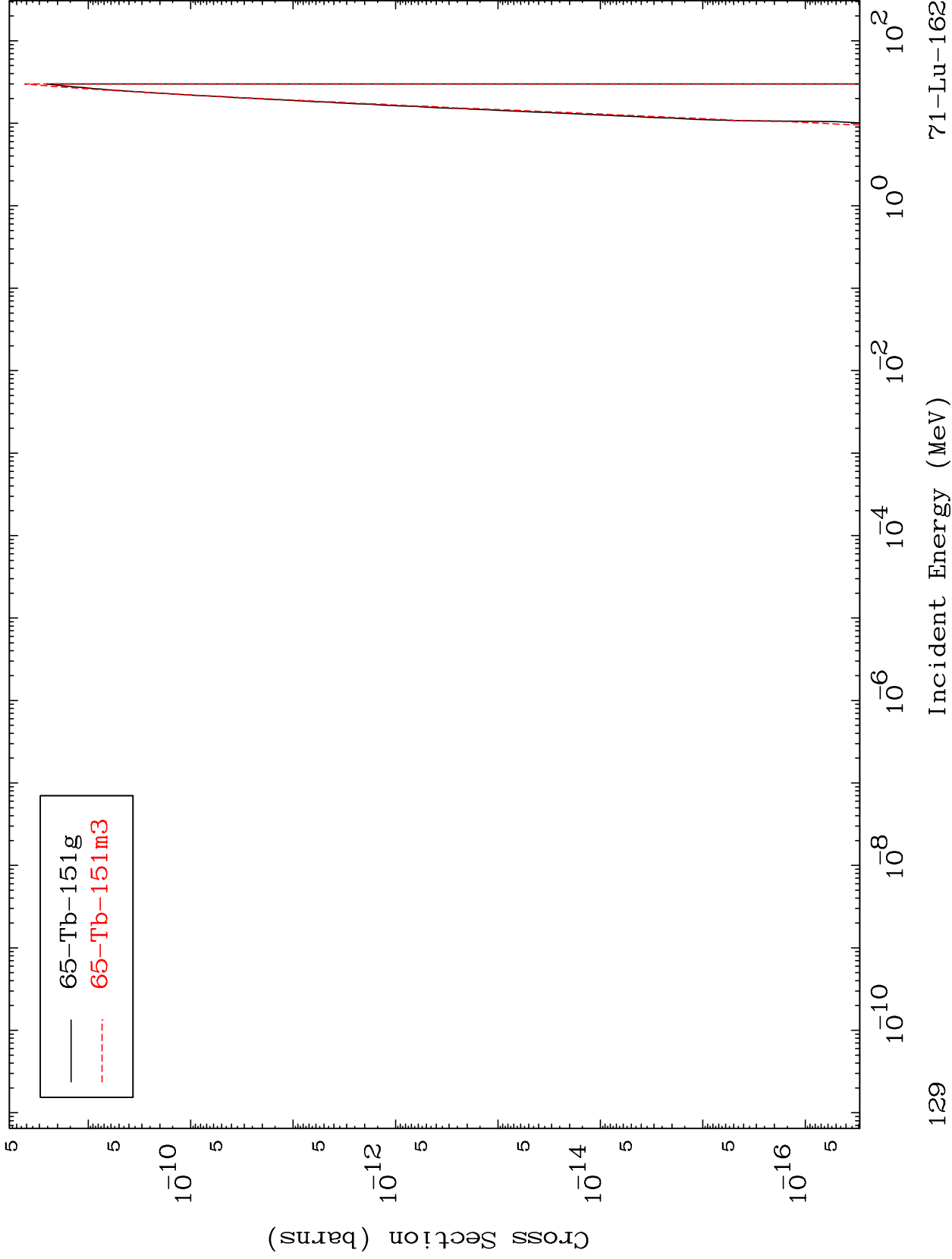
69-Tm-160g
69-Tm-160m2

MAT 7086

(n, 3α)

⁷¹Lu-162

Radionuclide Production Cross Section

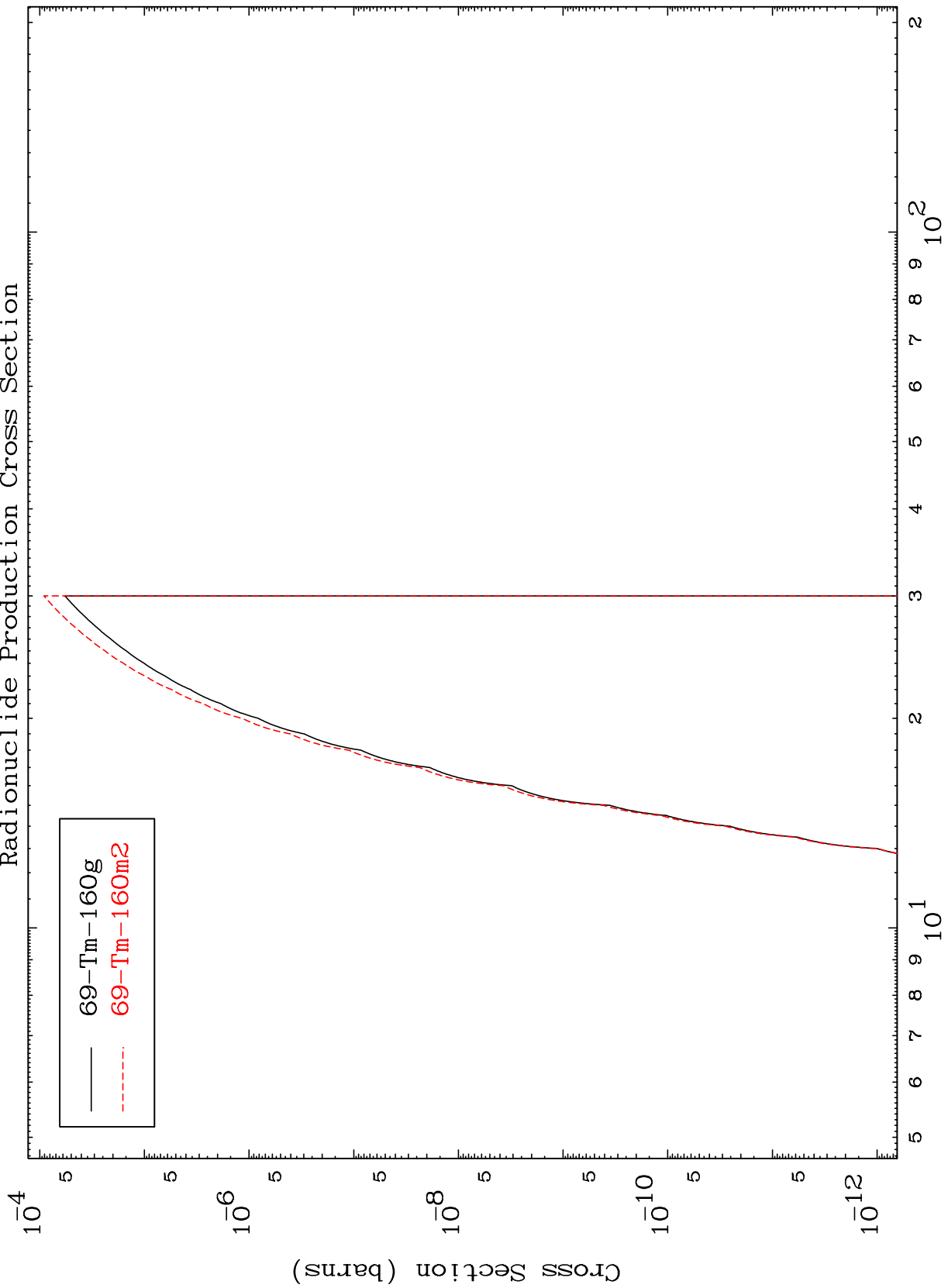


MAT 7086

(n,p) d

71-Lu-162

Radionuclide Production Cross Section



130

Incident Energy (MeV)

71-Lu-162