

Program EVALPLOT
(Version 2021-1)

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

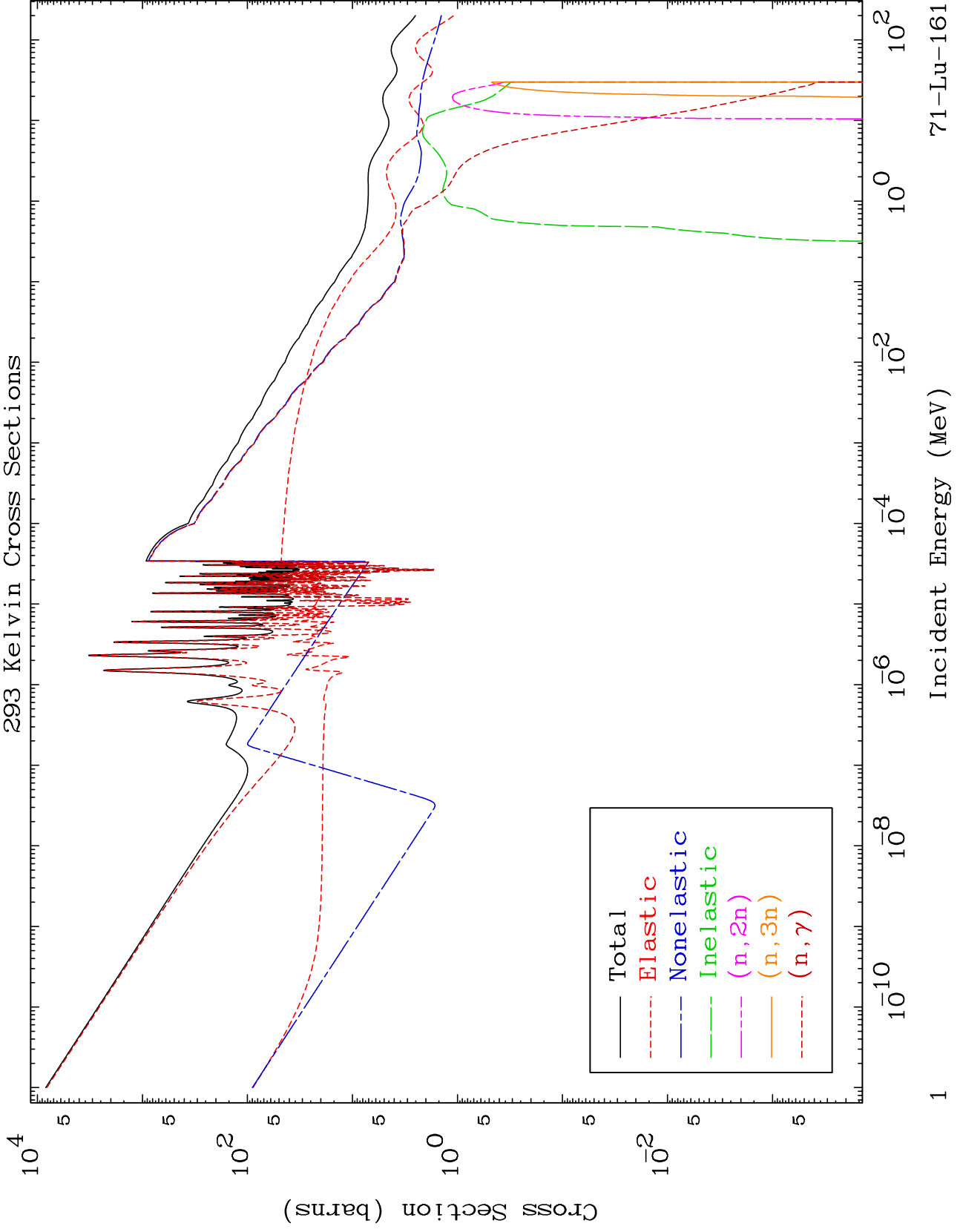
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Press Mouse Button to Start

MAT 7083

Neutron Major
293 Kelvin Cross Sections

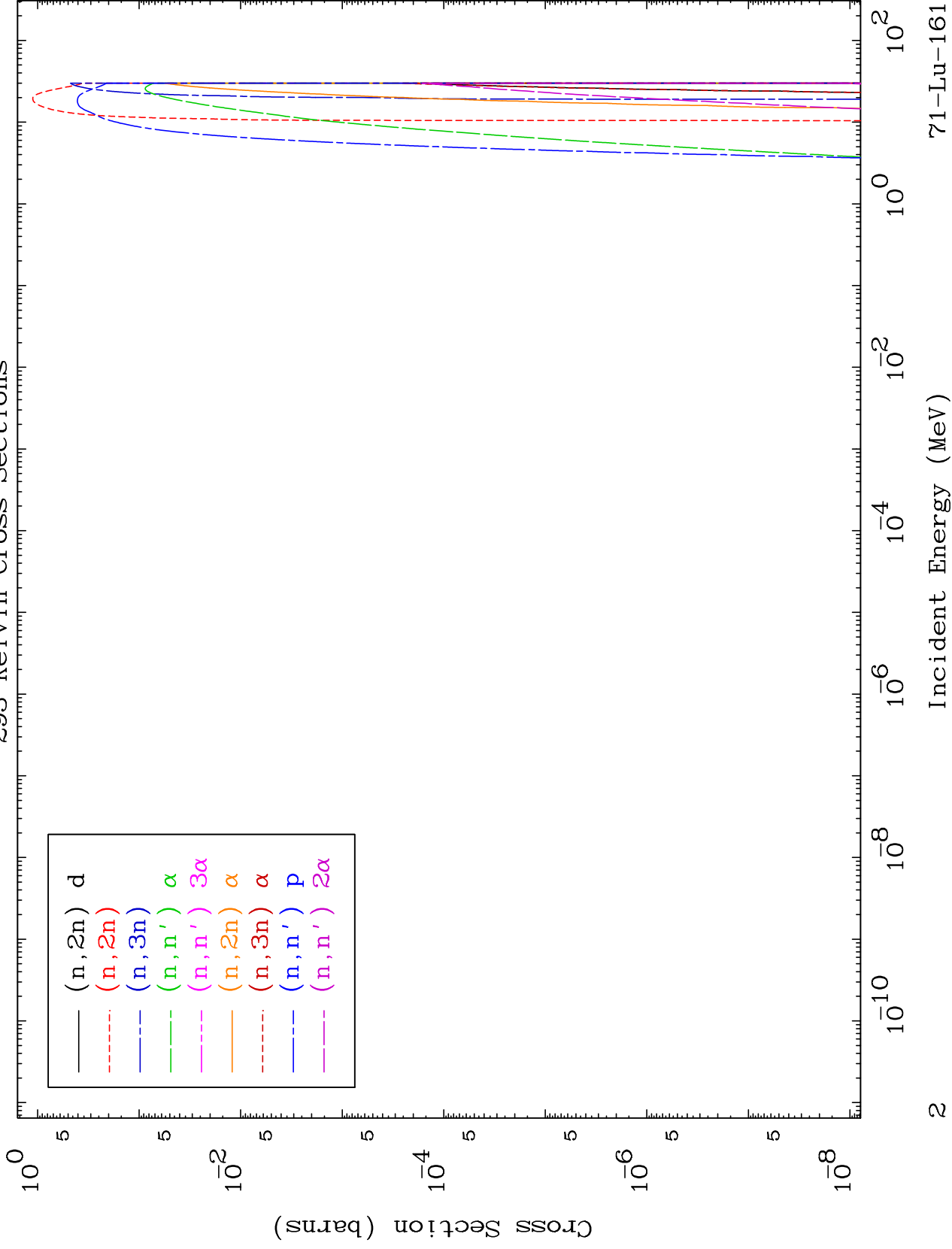
71-Lu-161



MAT 7083

Neutron Absorption
293 Kelvin Cross Sections

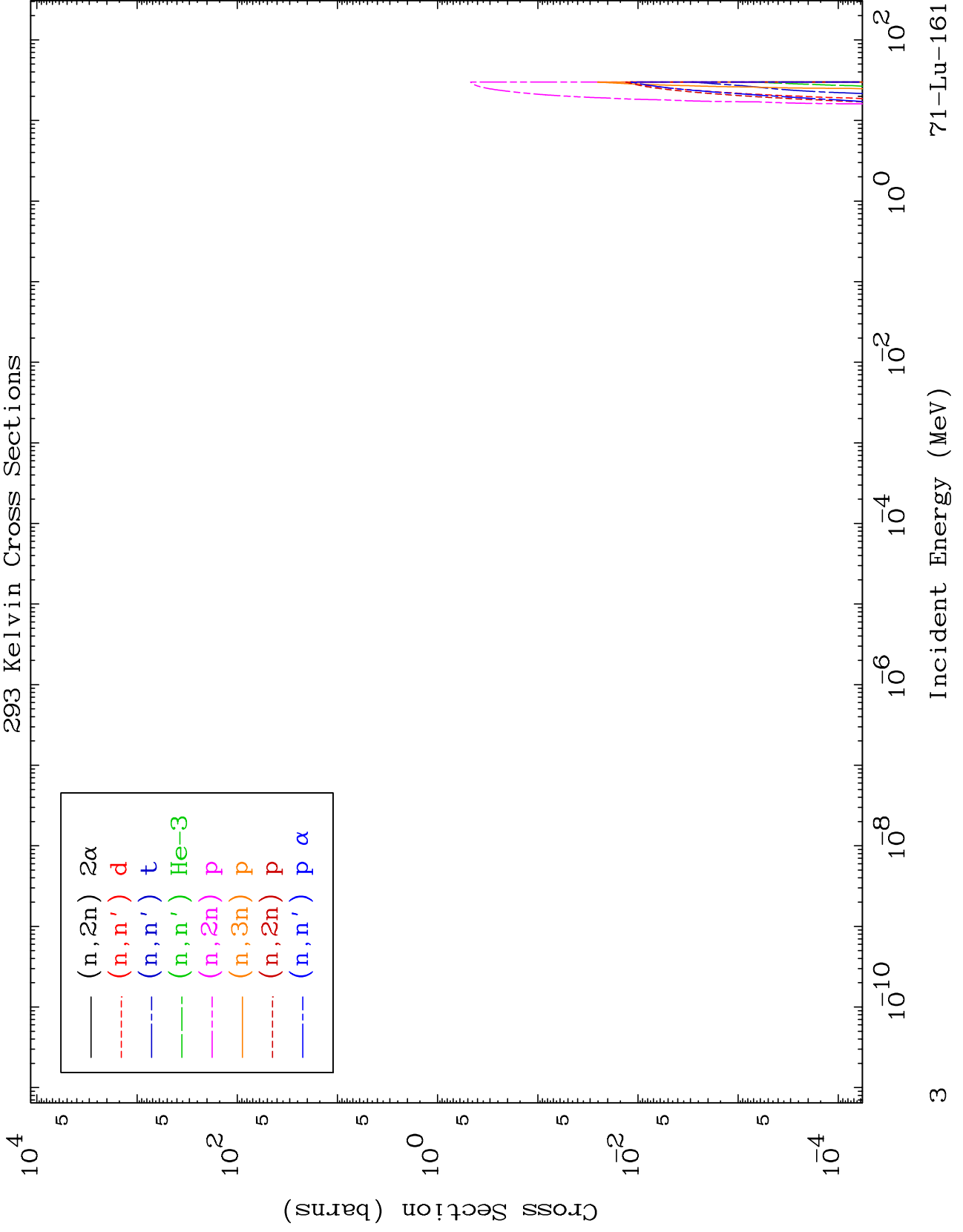
71-Lu-161



MAT 7083

Neutron Absorption
293 Kelvin Cross Sections

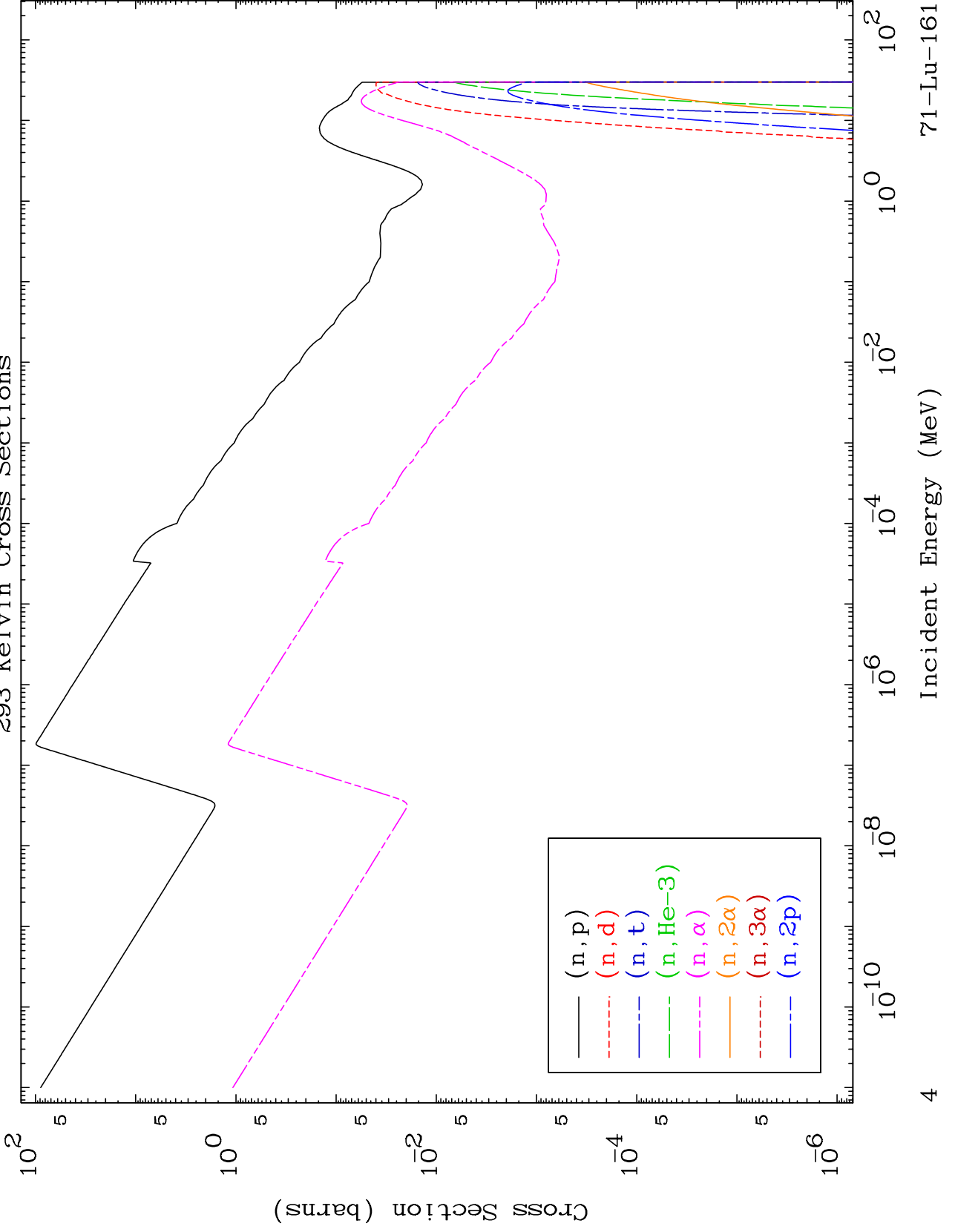
71-Lu-161

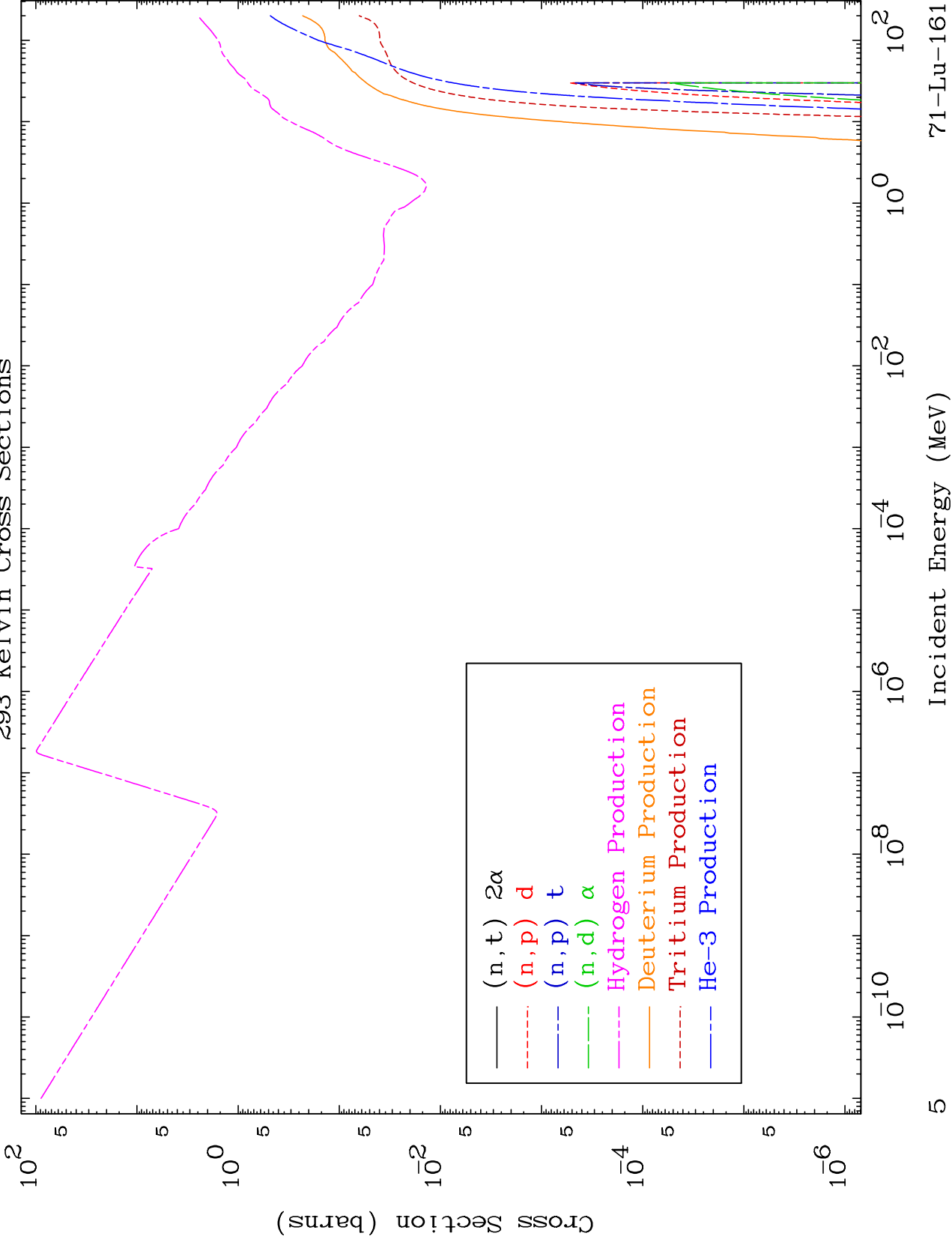


MAT 7083

Neutron Absorption
293 Kelvin Cross Sections

71-Lu-161

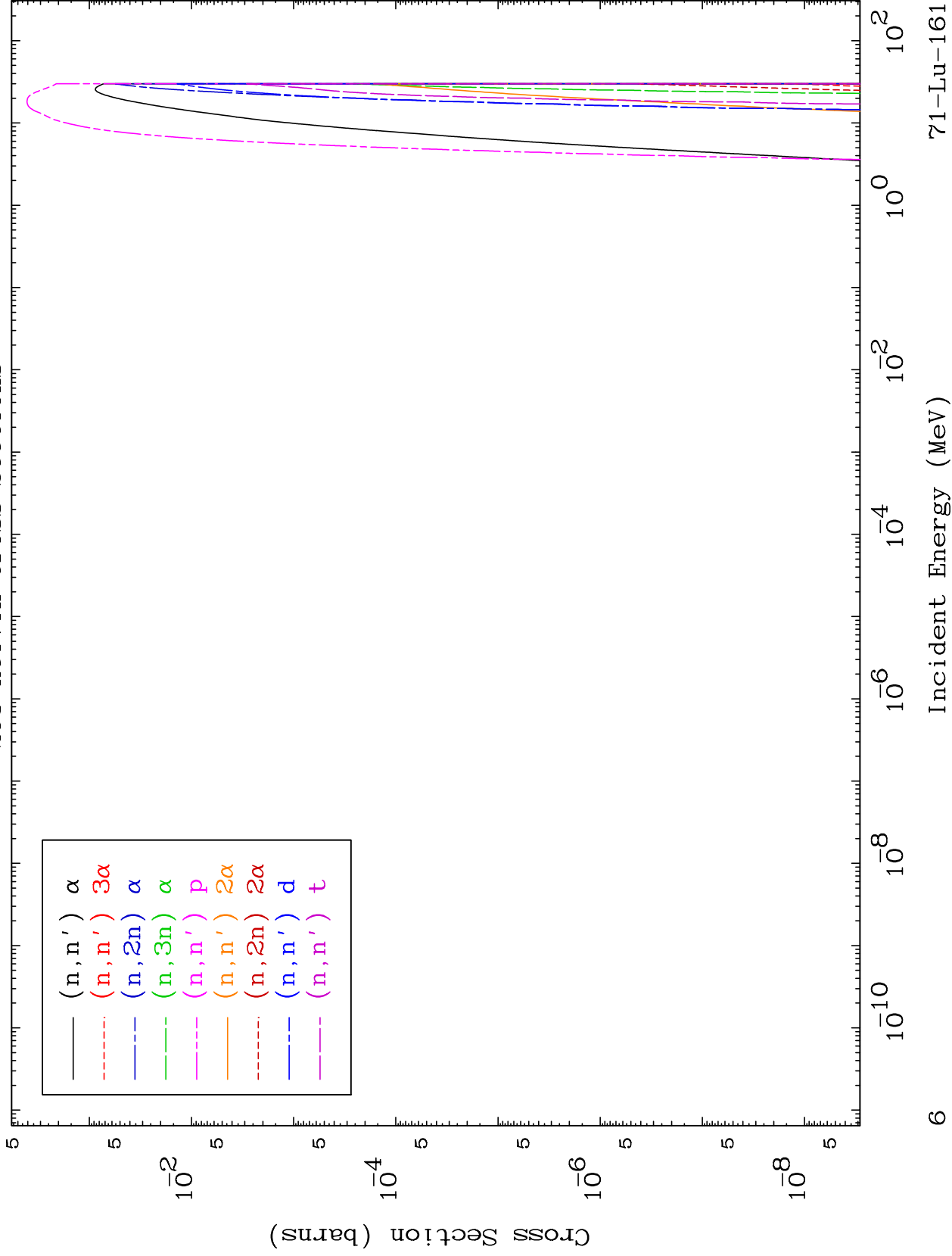




MAT 7083

Charged Particle
293 Kelvin Cross Sections

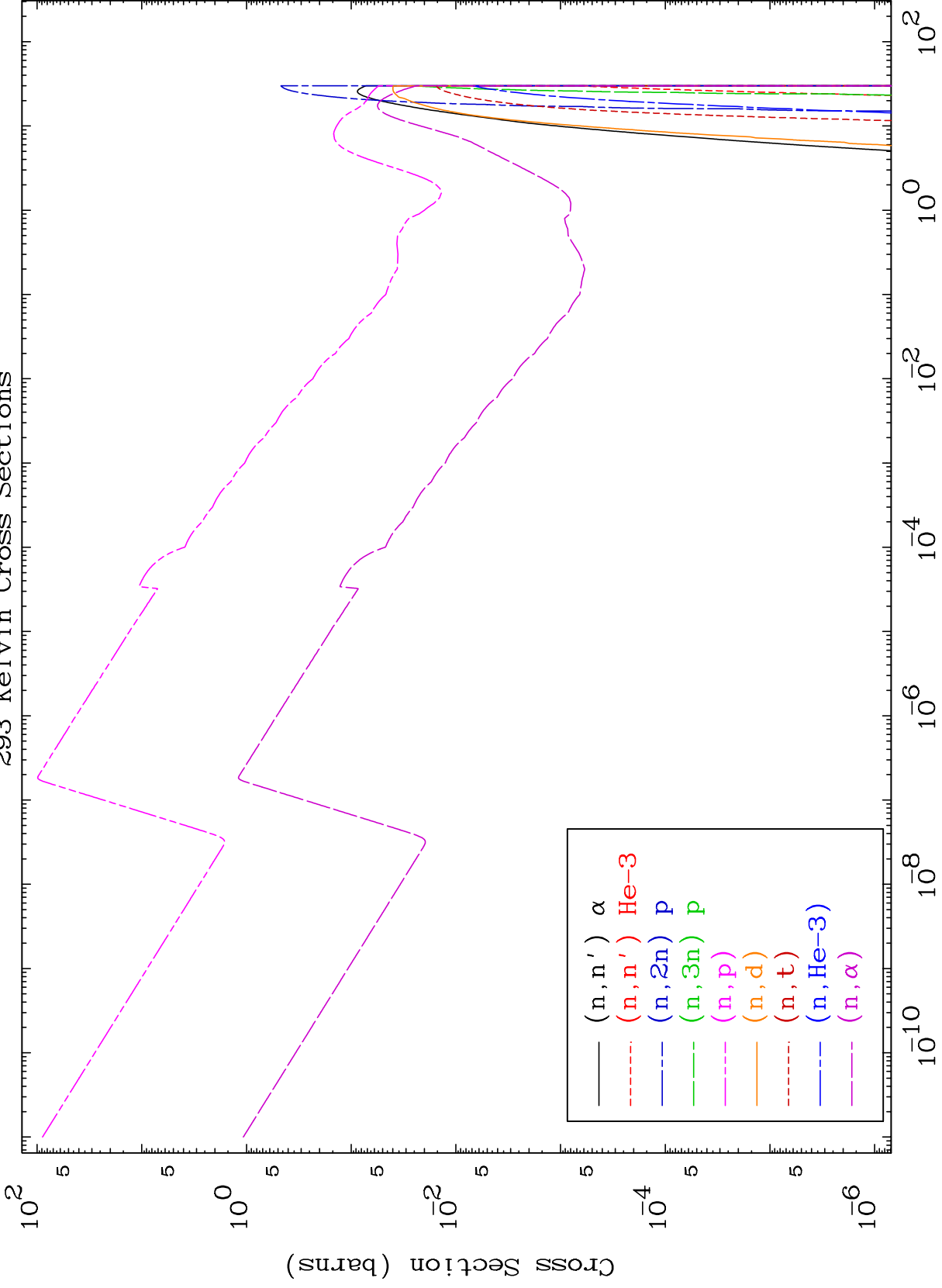
71-Lu-161

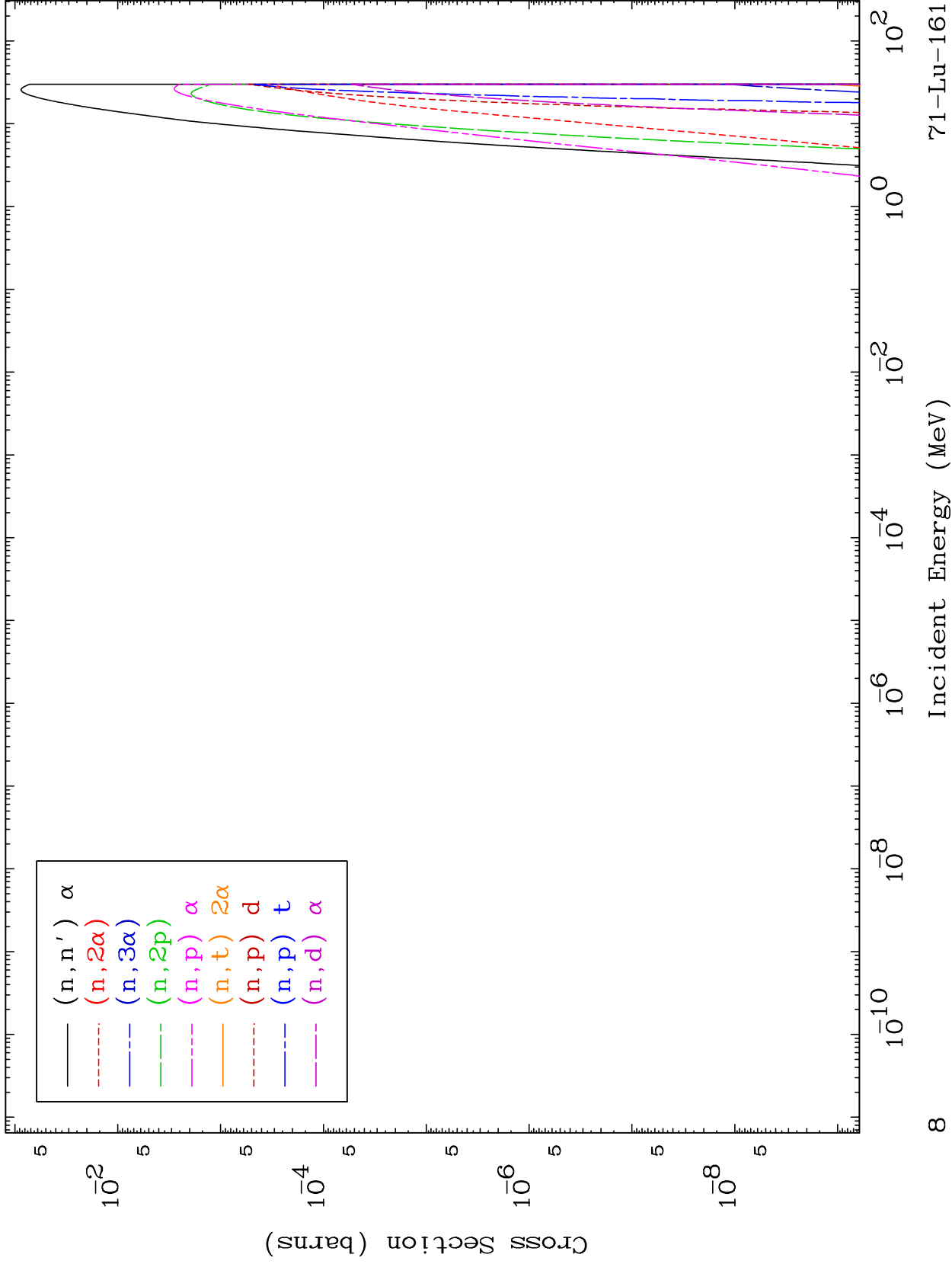


MAT 7083

Charged Particle
293 Kelvin Cross Sections

71-Lu-161

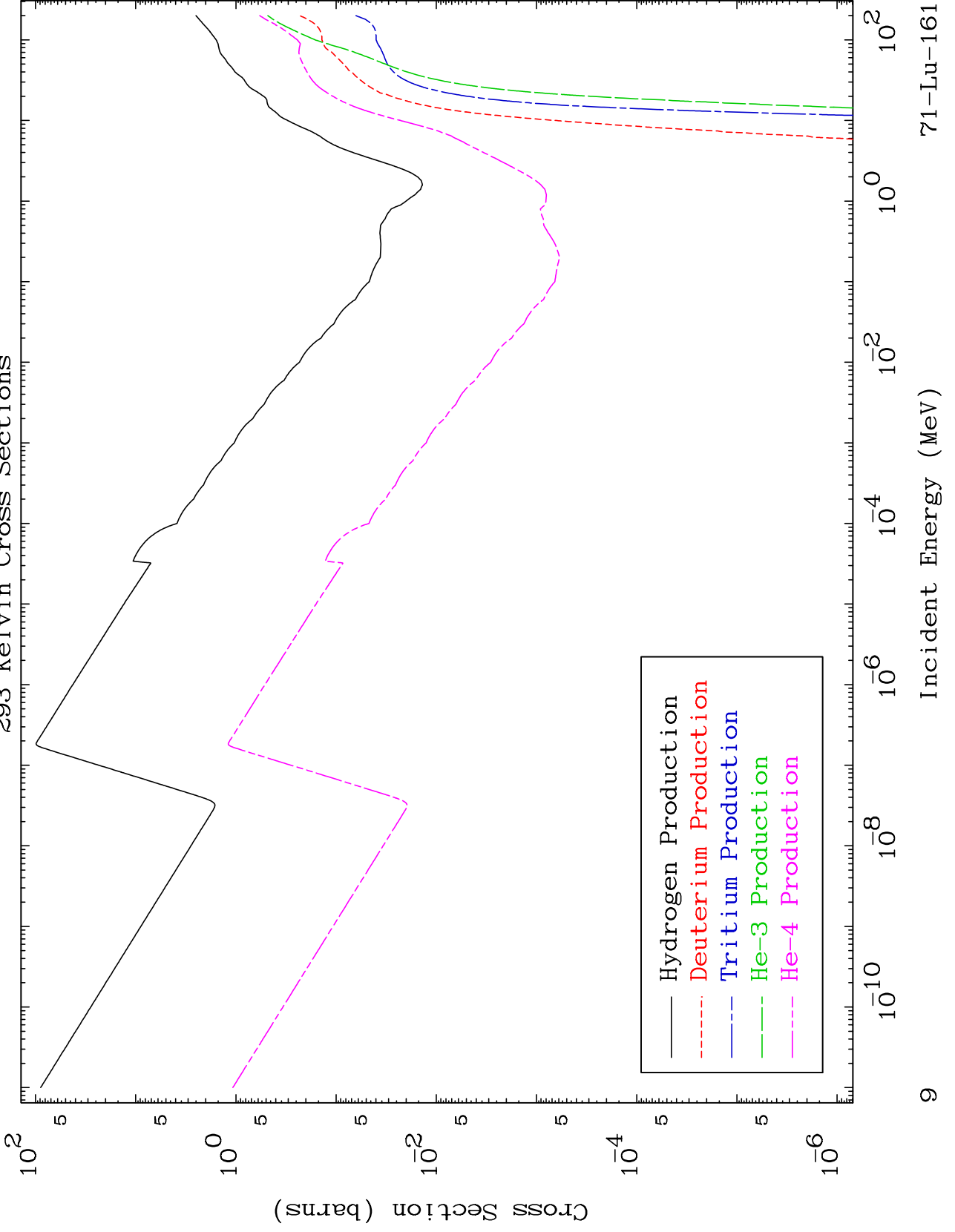




MAT 7083

Particle Production
293 Kelvin Cross Sections

71-Lu-161

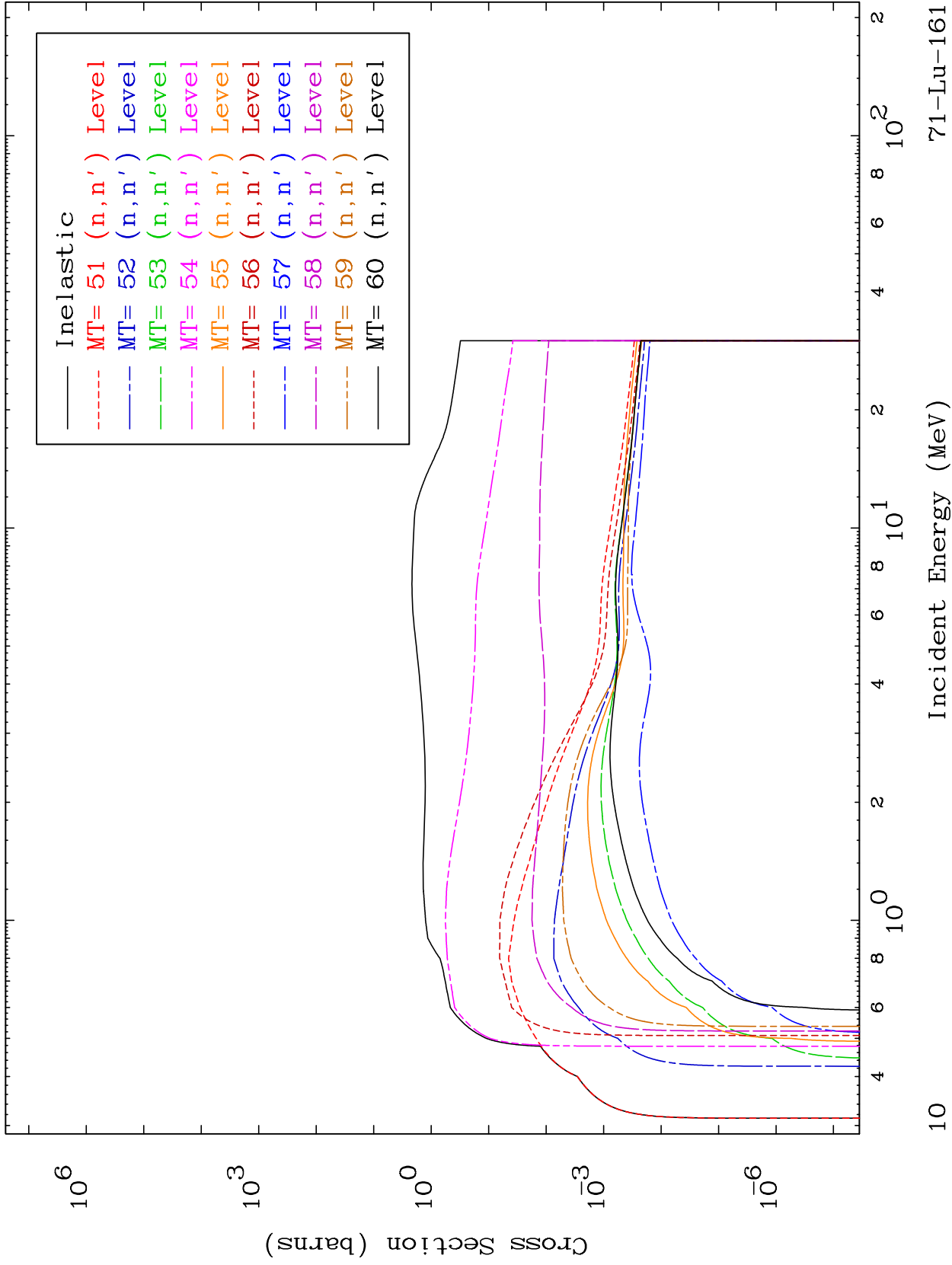


MAT 7083

(n,n') Levels

71-Lu-161

293 Kelvin Cross Sections

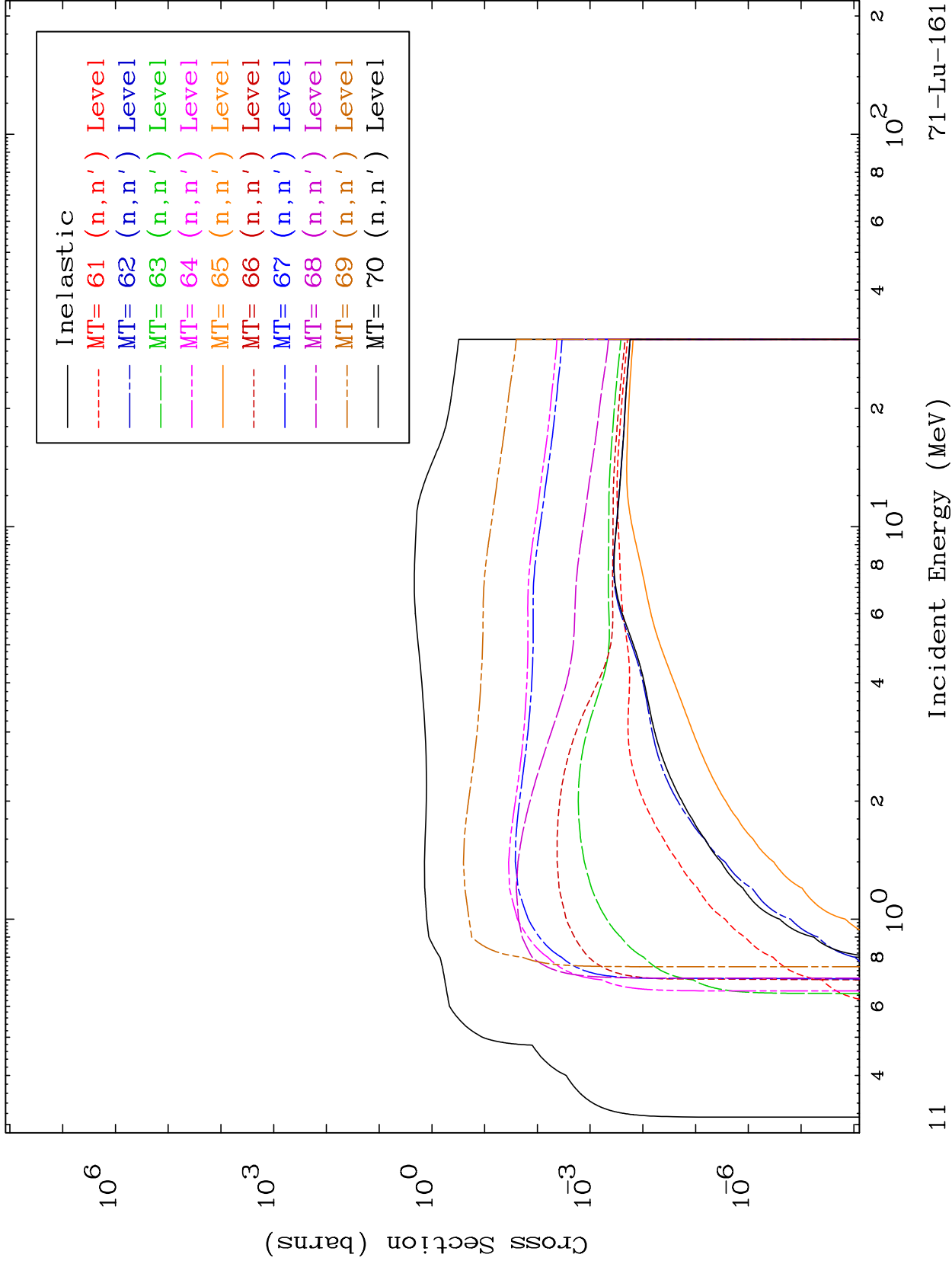


10

Incident Energy (MeV)

71-Lu-161

293 Kelvin Cross Sections

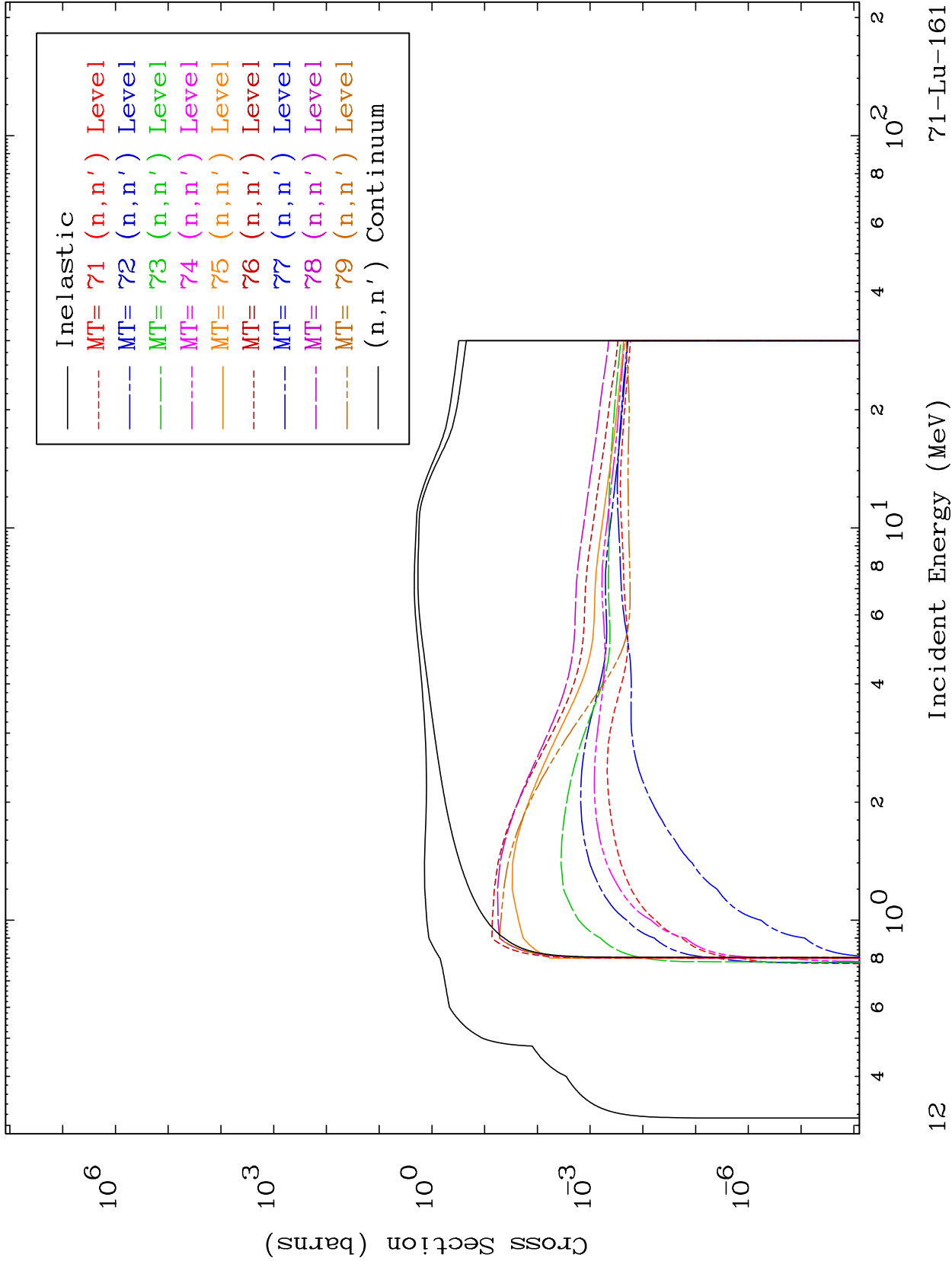


MAT 7083

(n,n') Levels

71-Lu-161

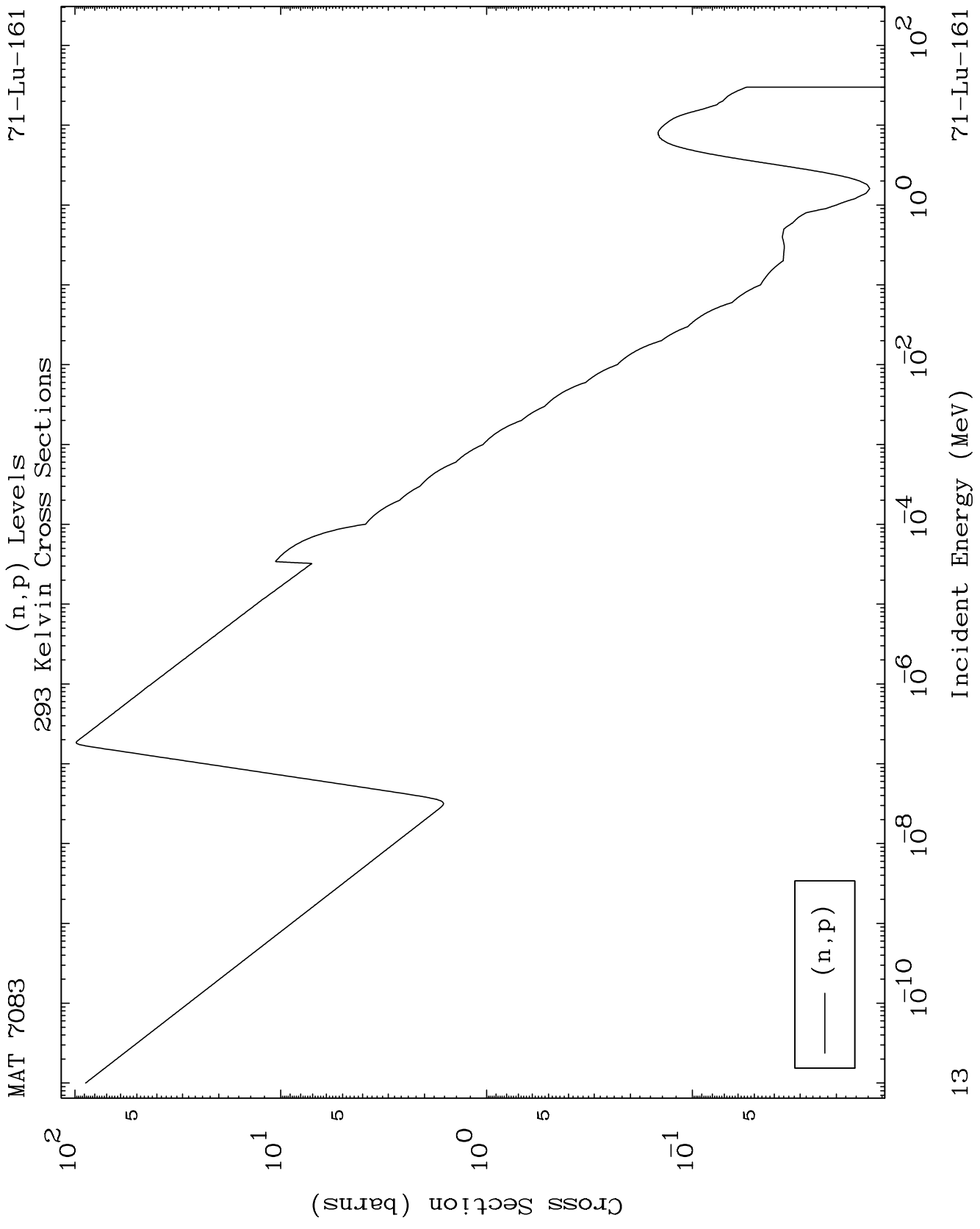
293 Kelvin Cross Sections



12

Incident Energy (MeV)

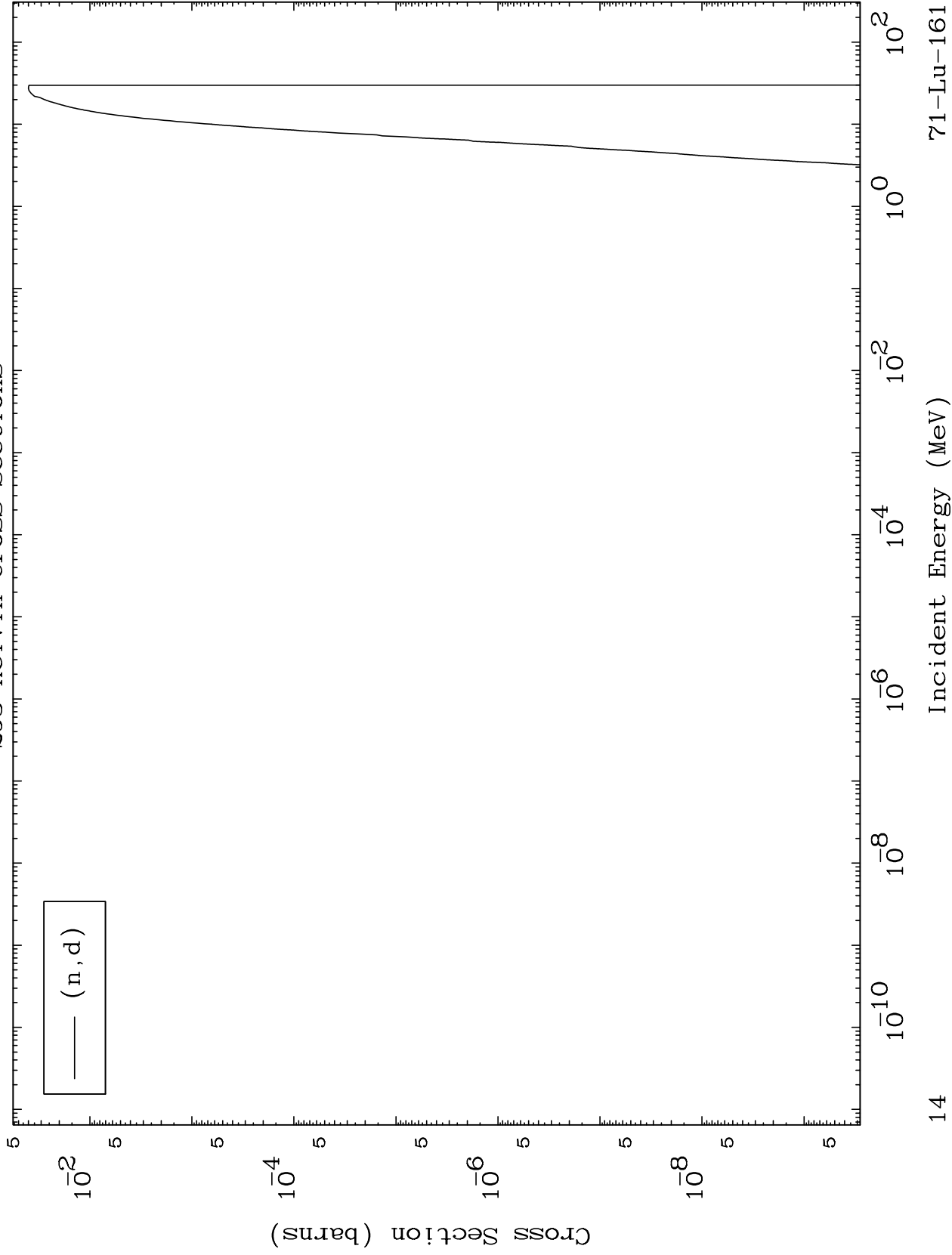
71-Lu-161



MAT 7083

(n,d) Levels
293 Kelvin Cross Sections

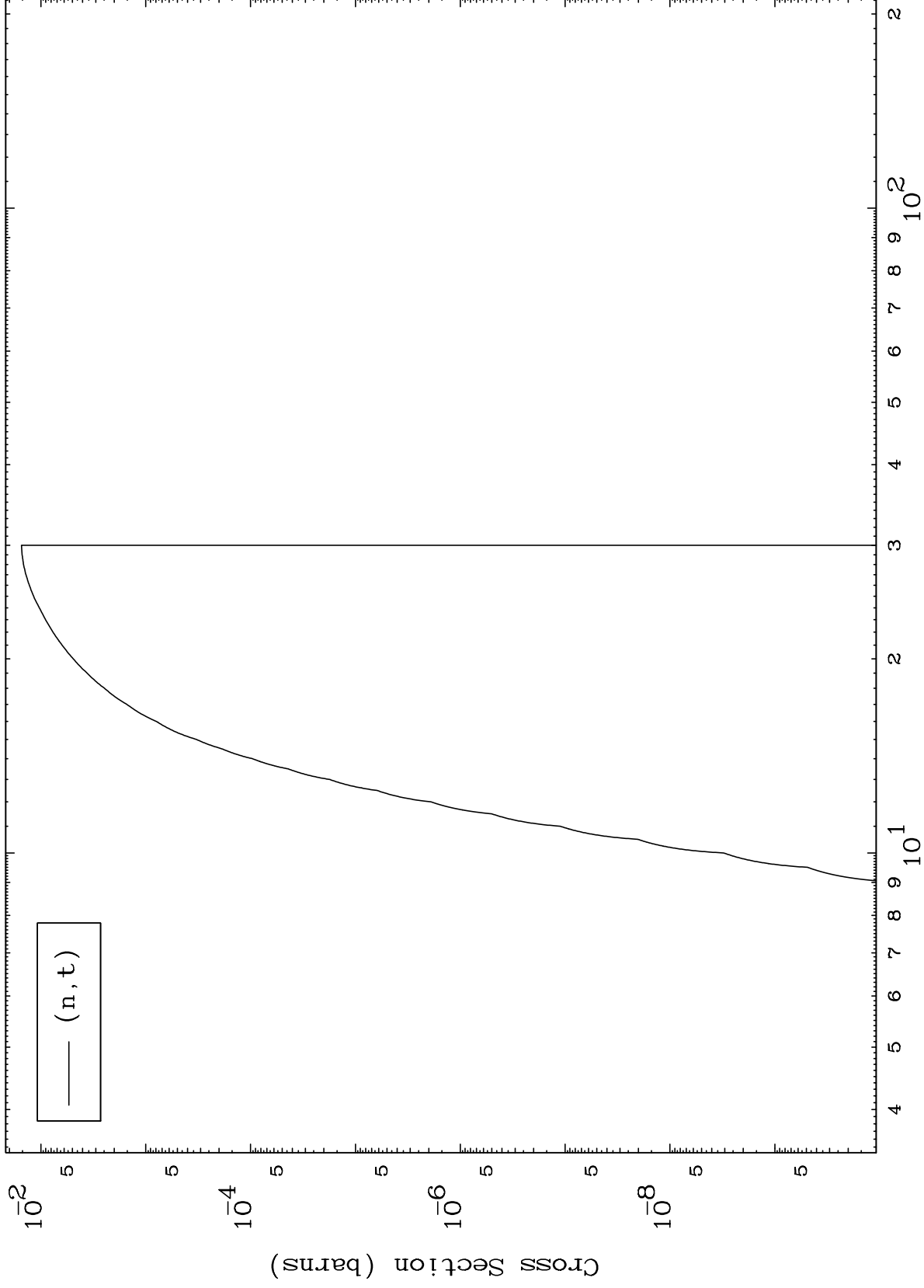
71-Lu-161



MAT 7083

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-161



15

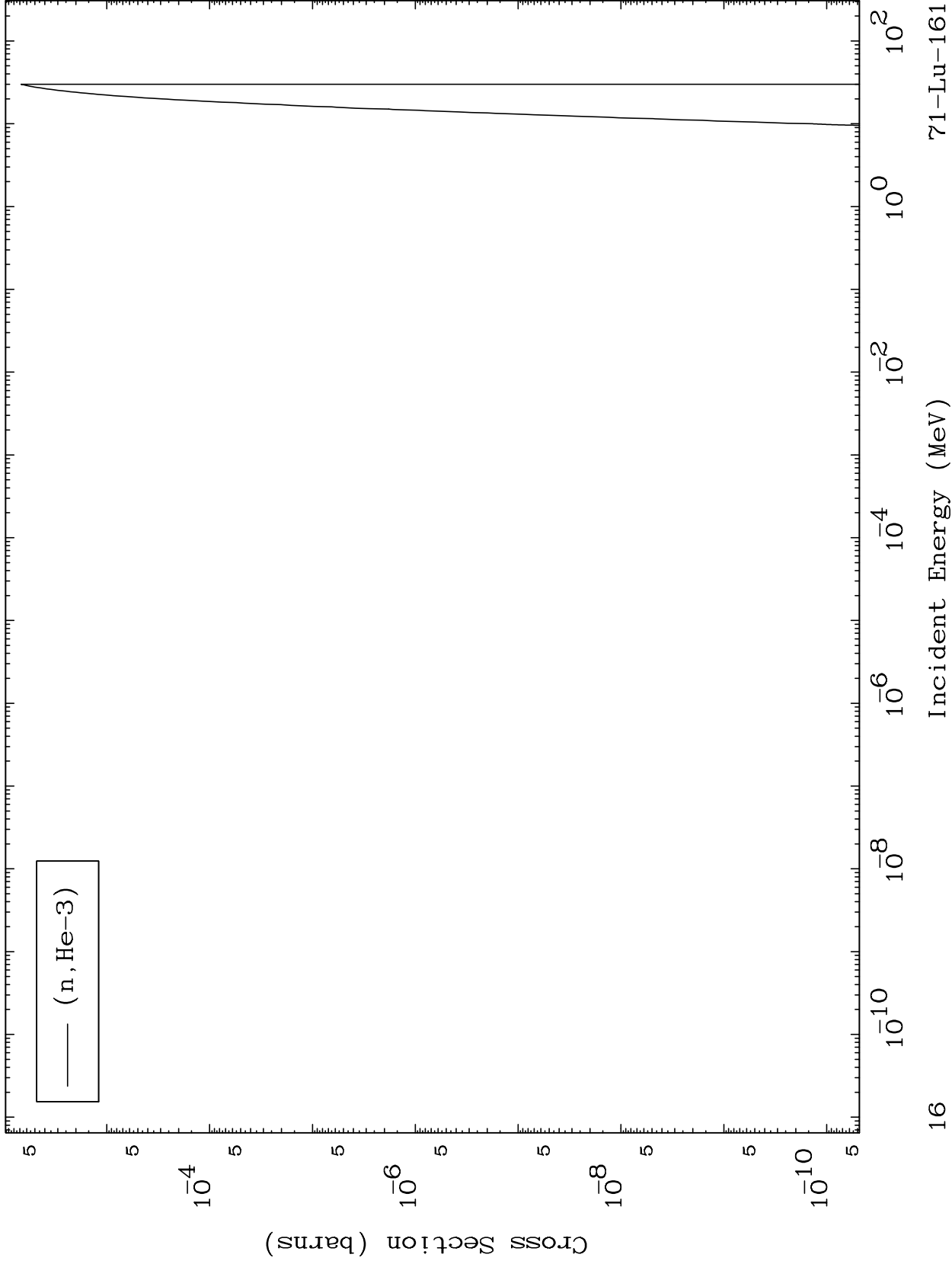
Incident Energy (MeV)

71-Lu-161

MAT 7083

(n,He3) Levels
293 Kelvin Cross Sections

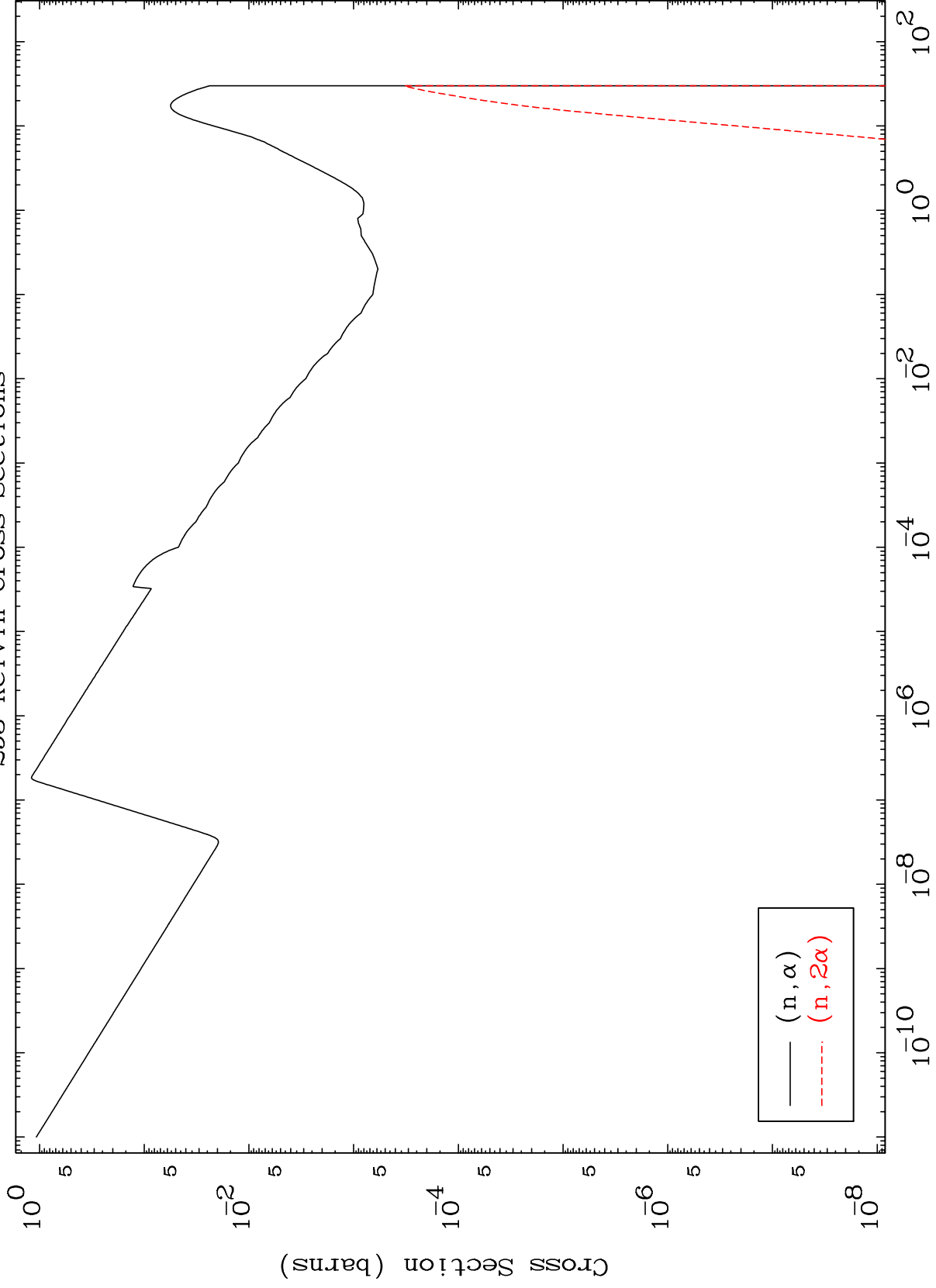
71-Lu-161



MAT 7083

(n, α) Levels
293 Kelvin Cross Sections

71-Lu-161



17

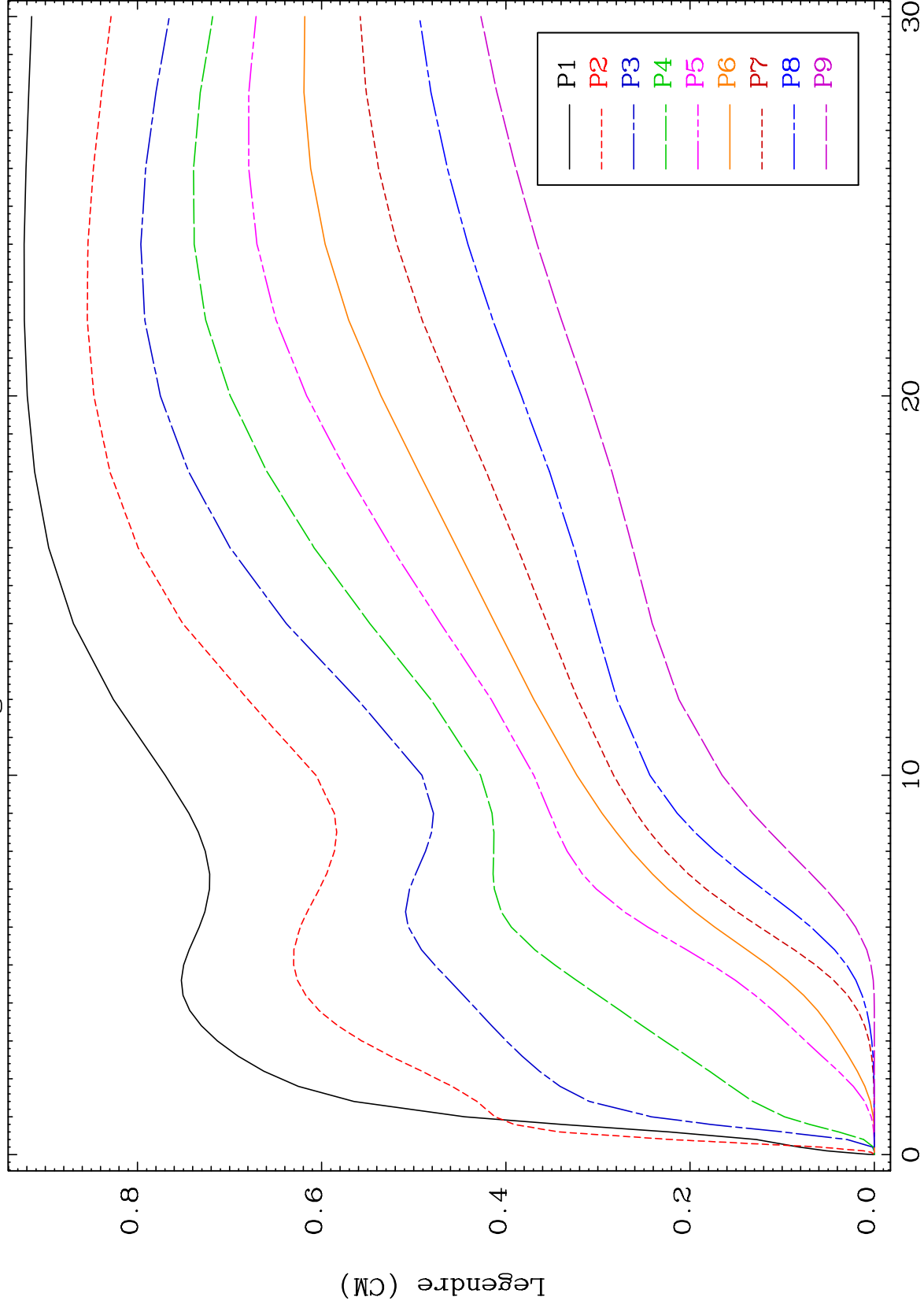
Incident Energy (MeV)

71-Lu-161

MAT 7083

Elastic Legendre Coefficients

71-Lu-161



18

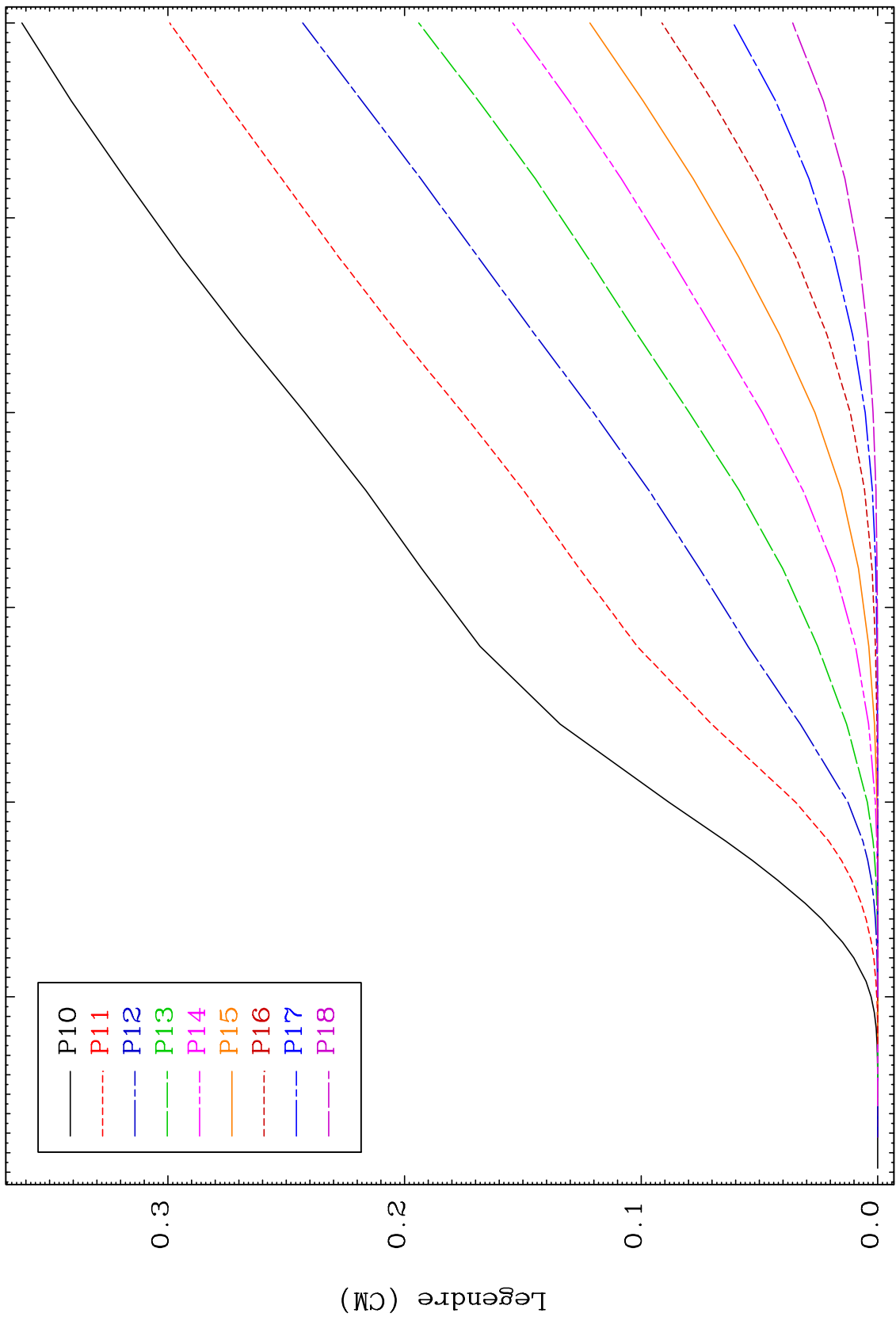
Incident Energy (MeV)

71-Lu-161

MAT 7083

Elastic Legendre Coefficients

⁷¹Lu-161



19

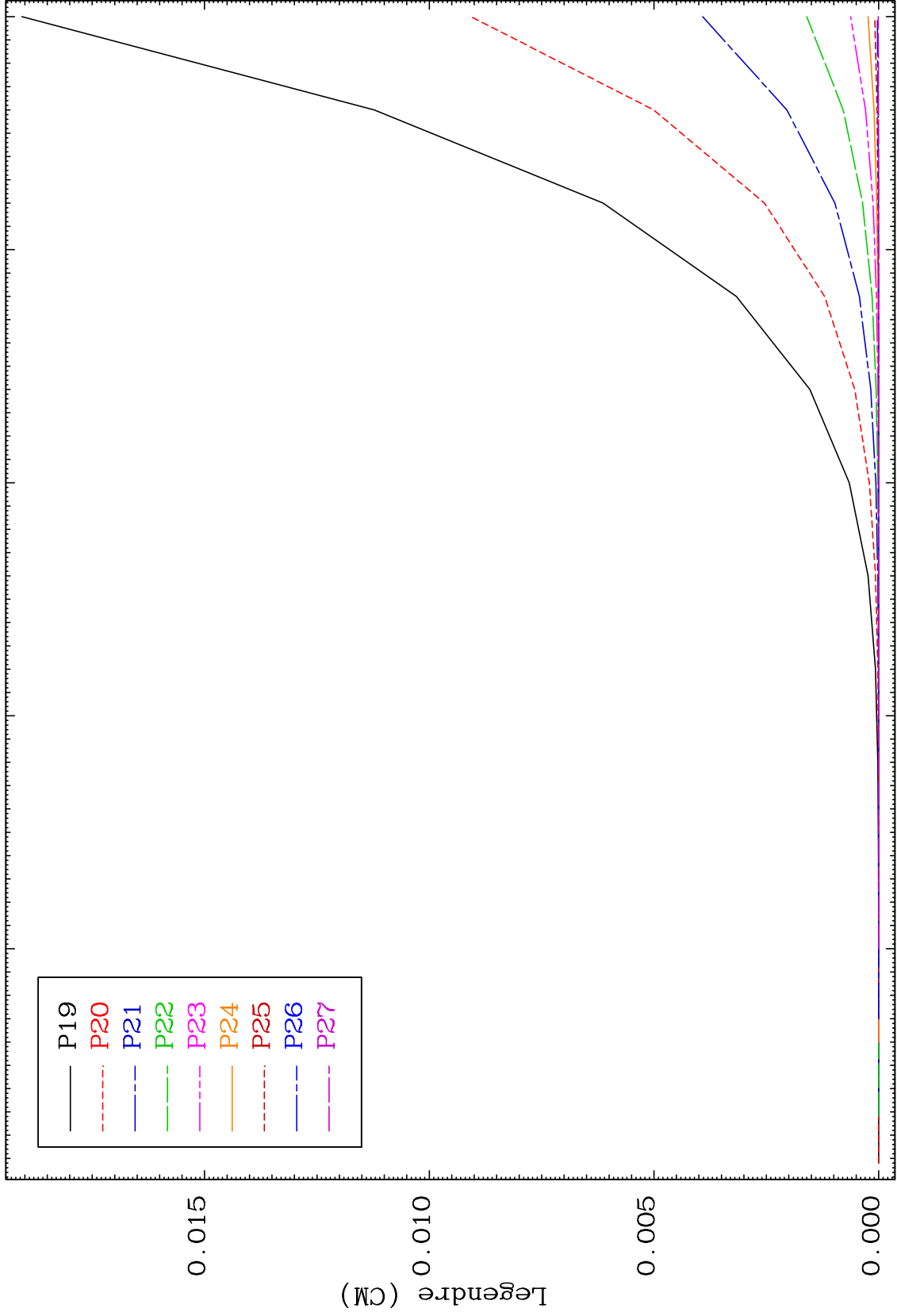
⁷¹Lu-161

Incident Energy (MeV)

MAT 7083

Elastic Legendre Coefficients

⁷¹Lu-161



20

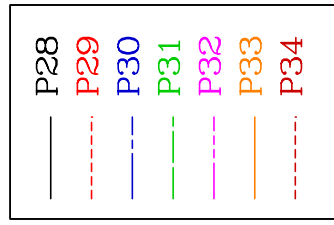
Incident Energy (MeV)

⁷¹Lu-161

MAT 7083

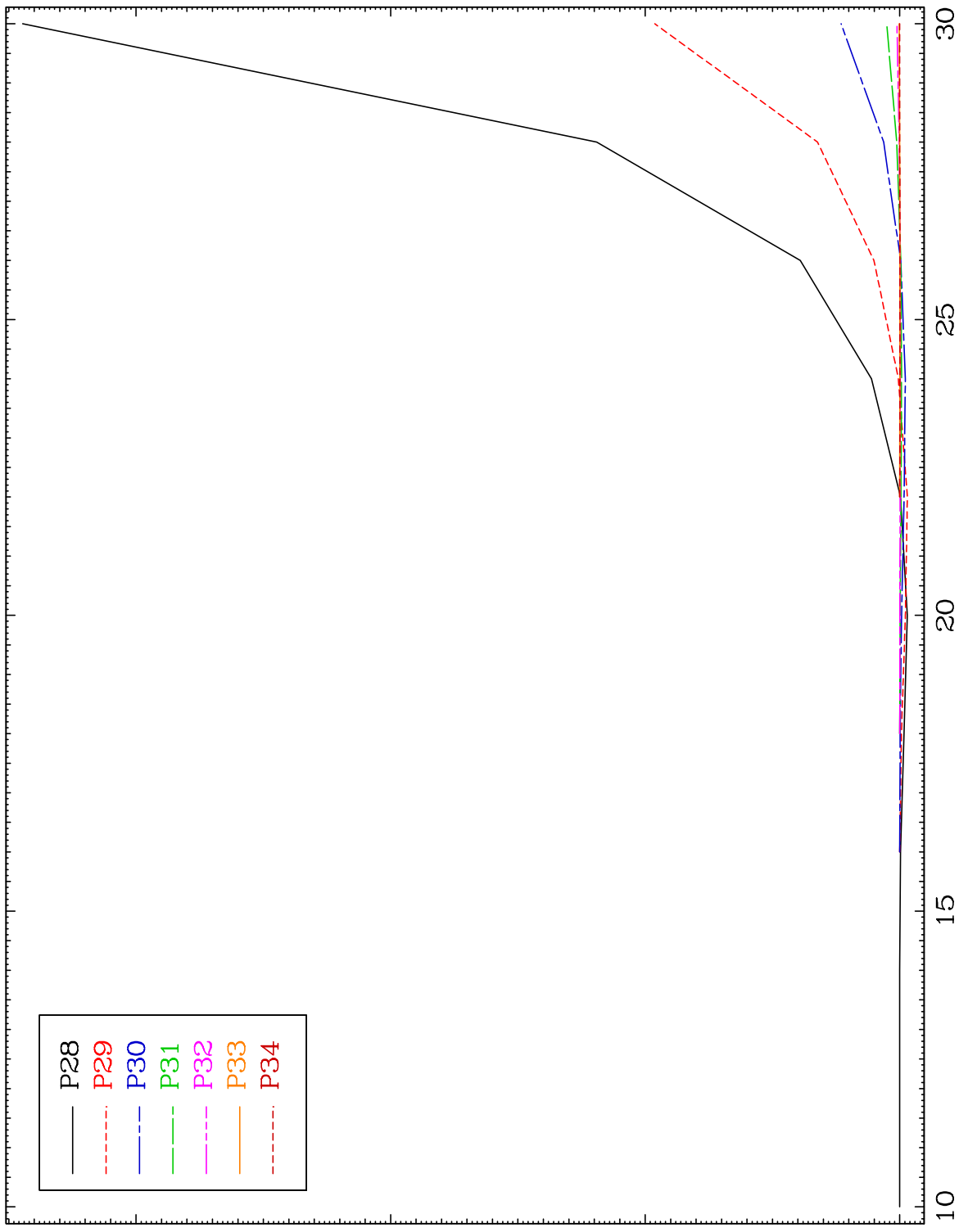
Elastic Legendre Coefficients

71-Lu-161



$\times 10^{-6}$

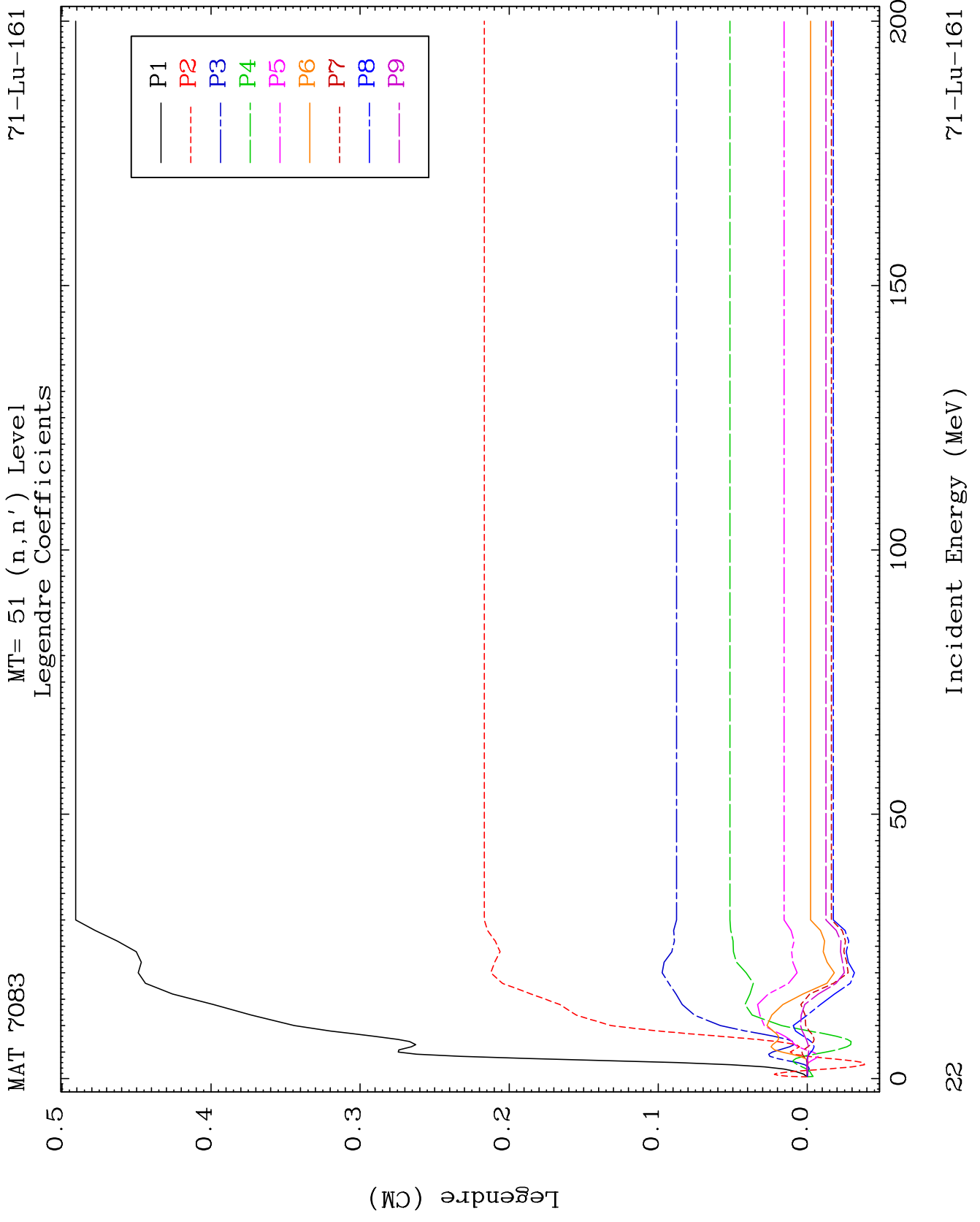
Legendre (CM)



21

Incident Energy (MeV)

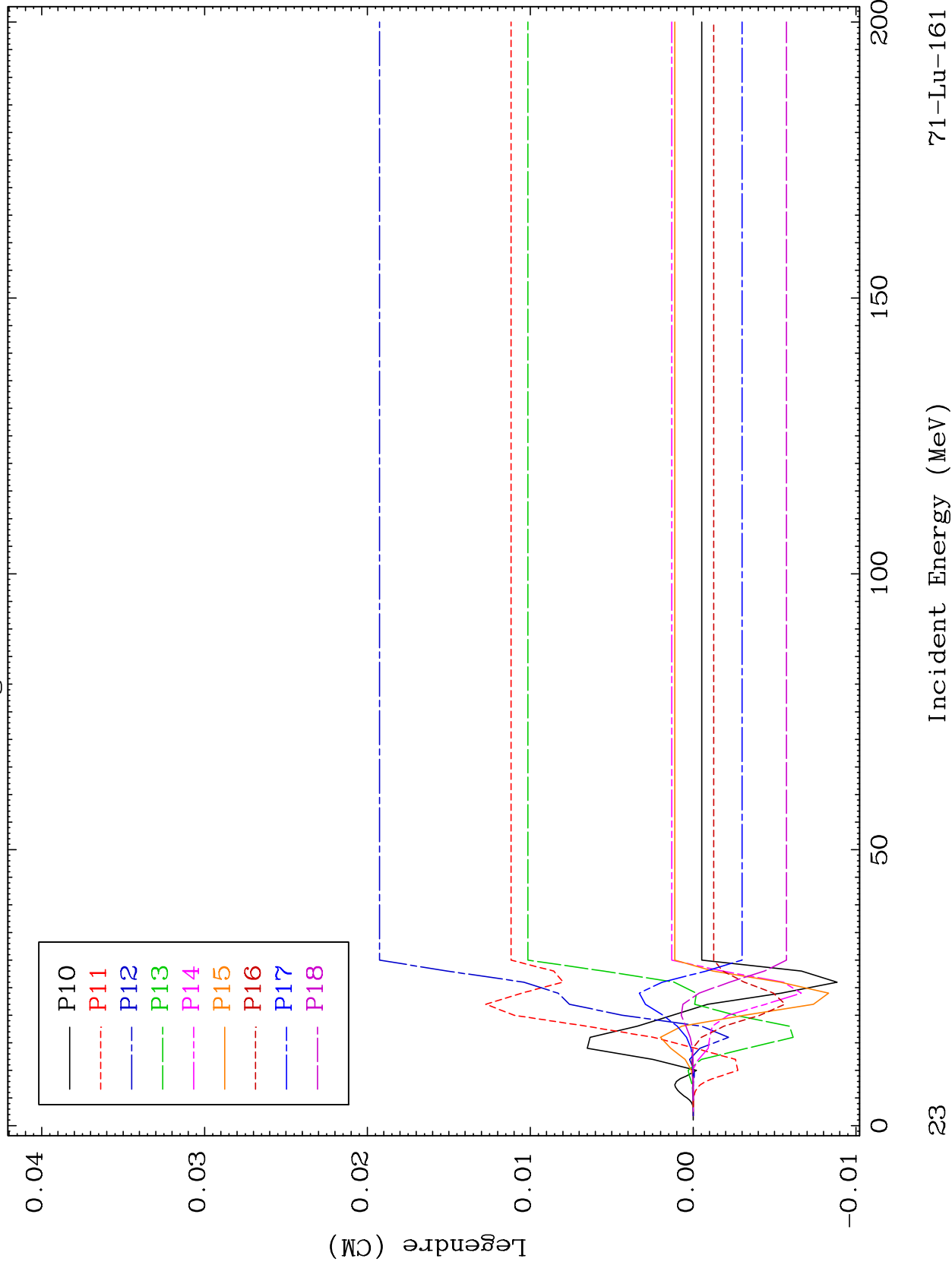
71-Lu-161



MAT 7083

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

71-Lu-161



23

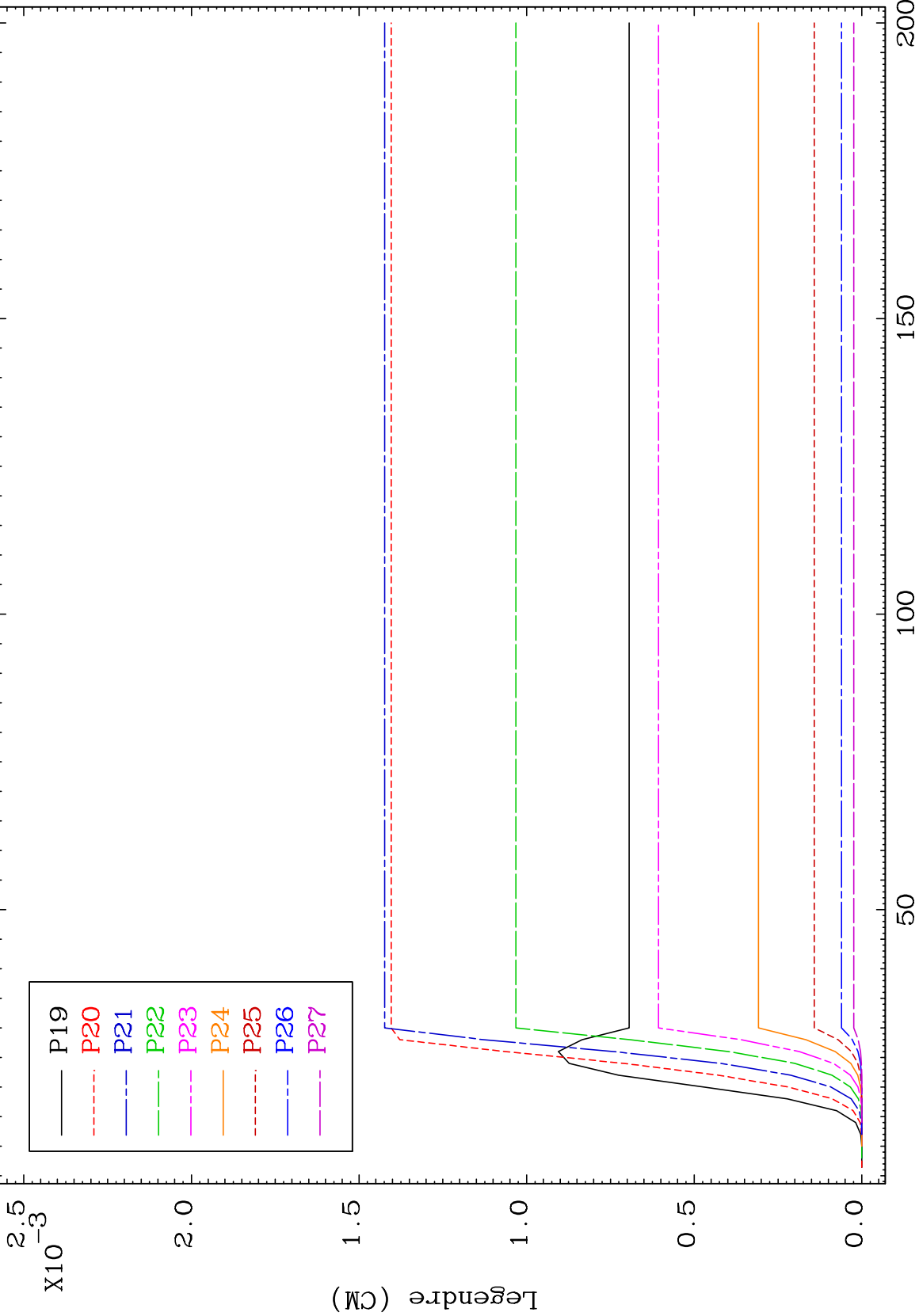
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

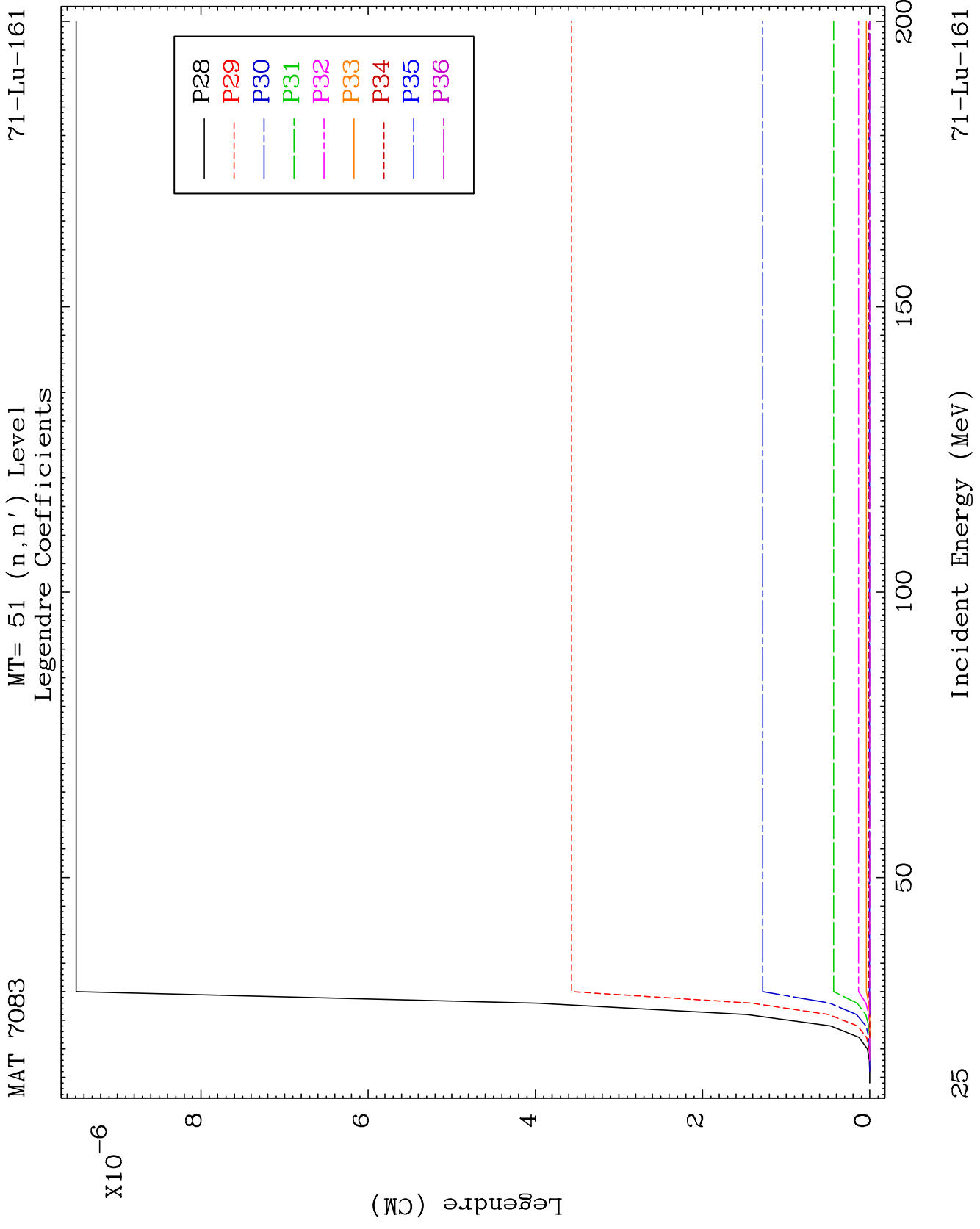
71-Lu-161



24

Incident Energy (MeV)

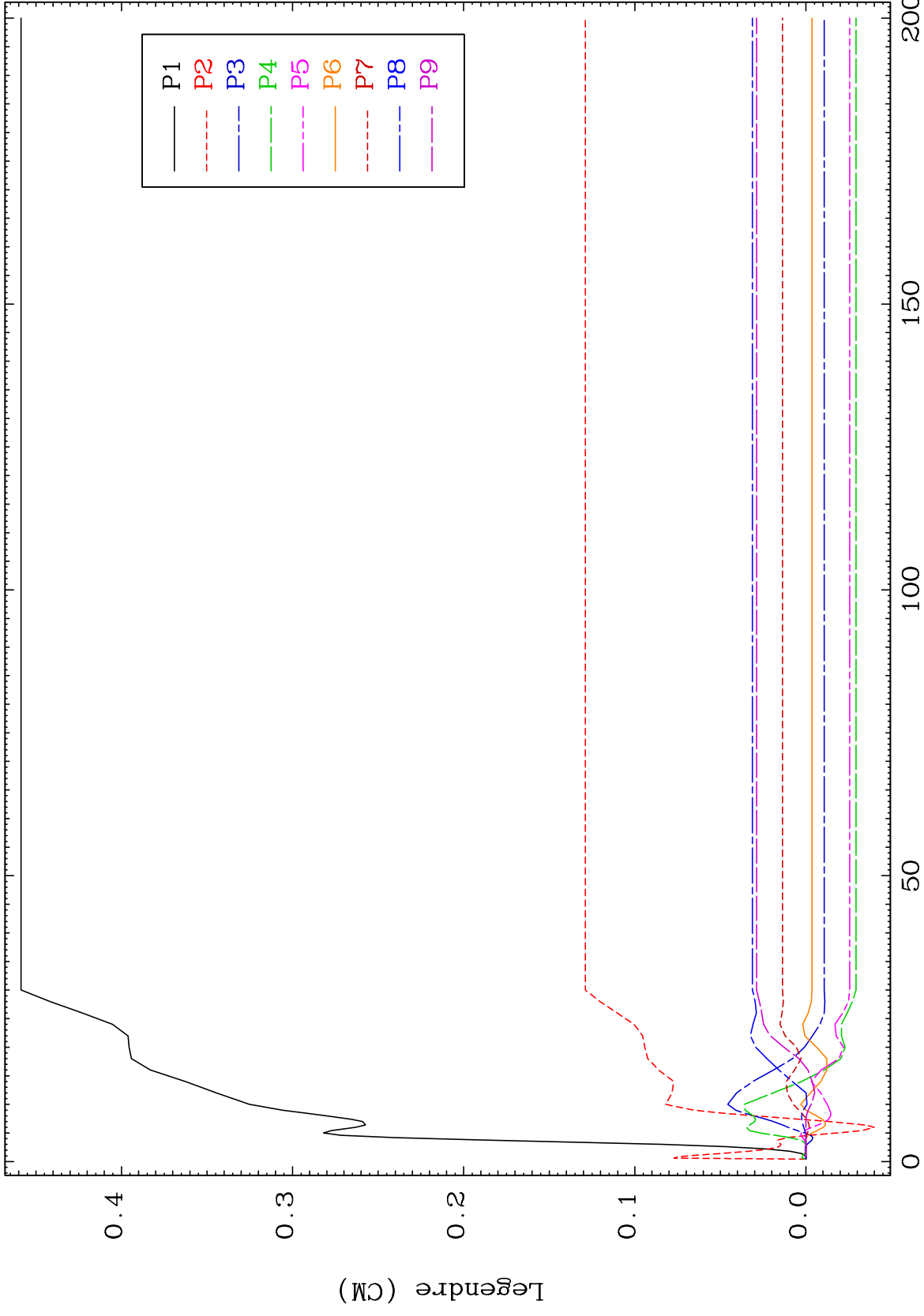
71-Lu-161



MAT 7083

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

71-Lu-161



26

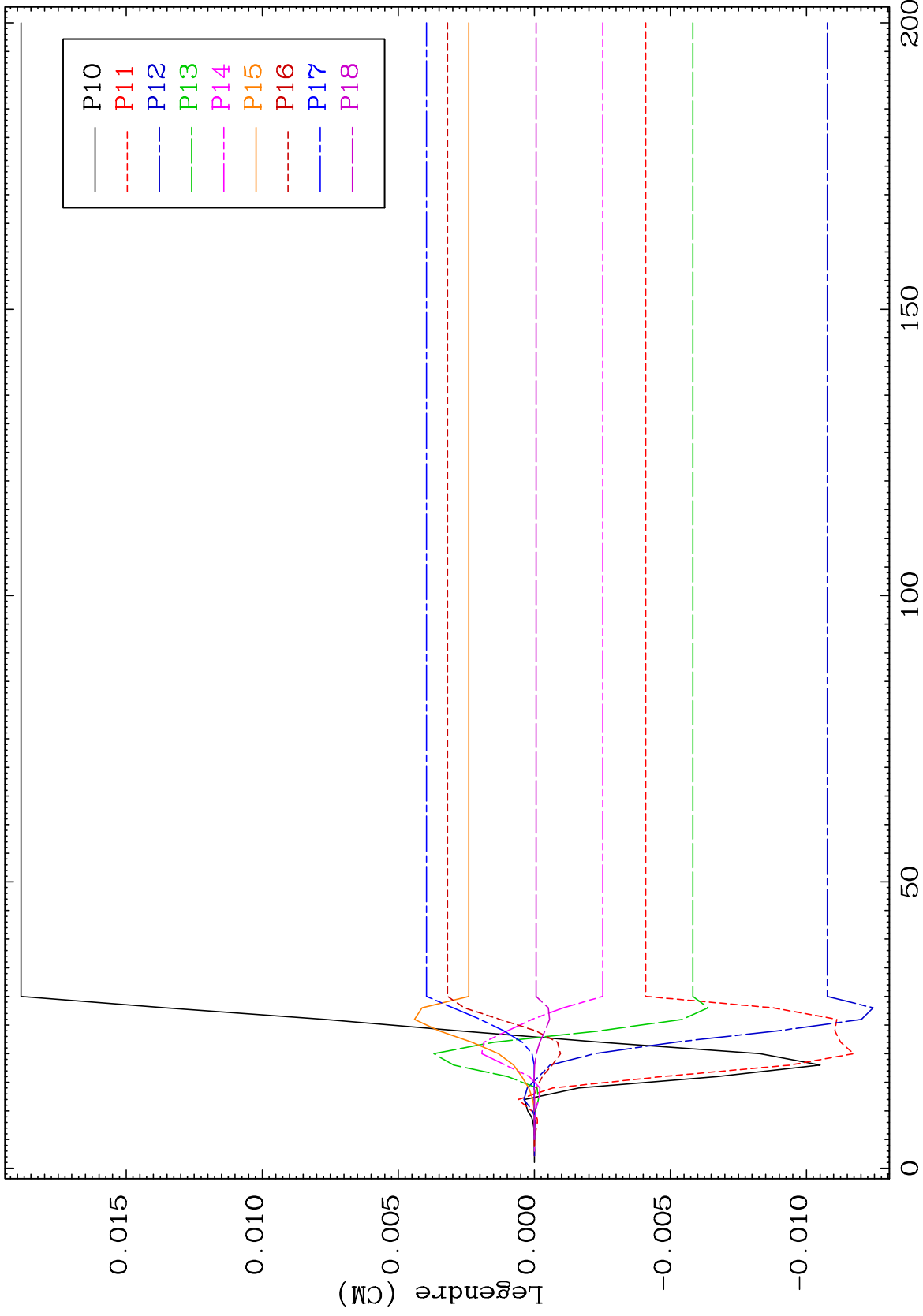
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

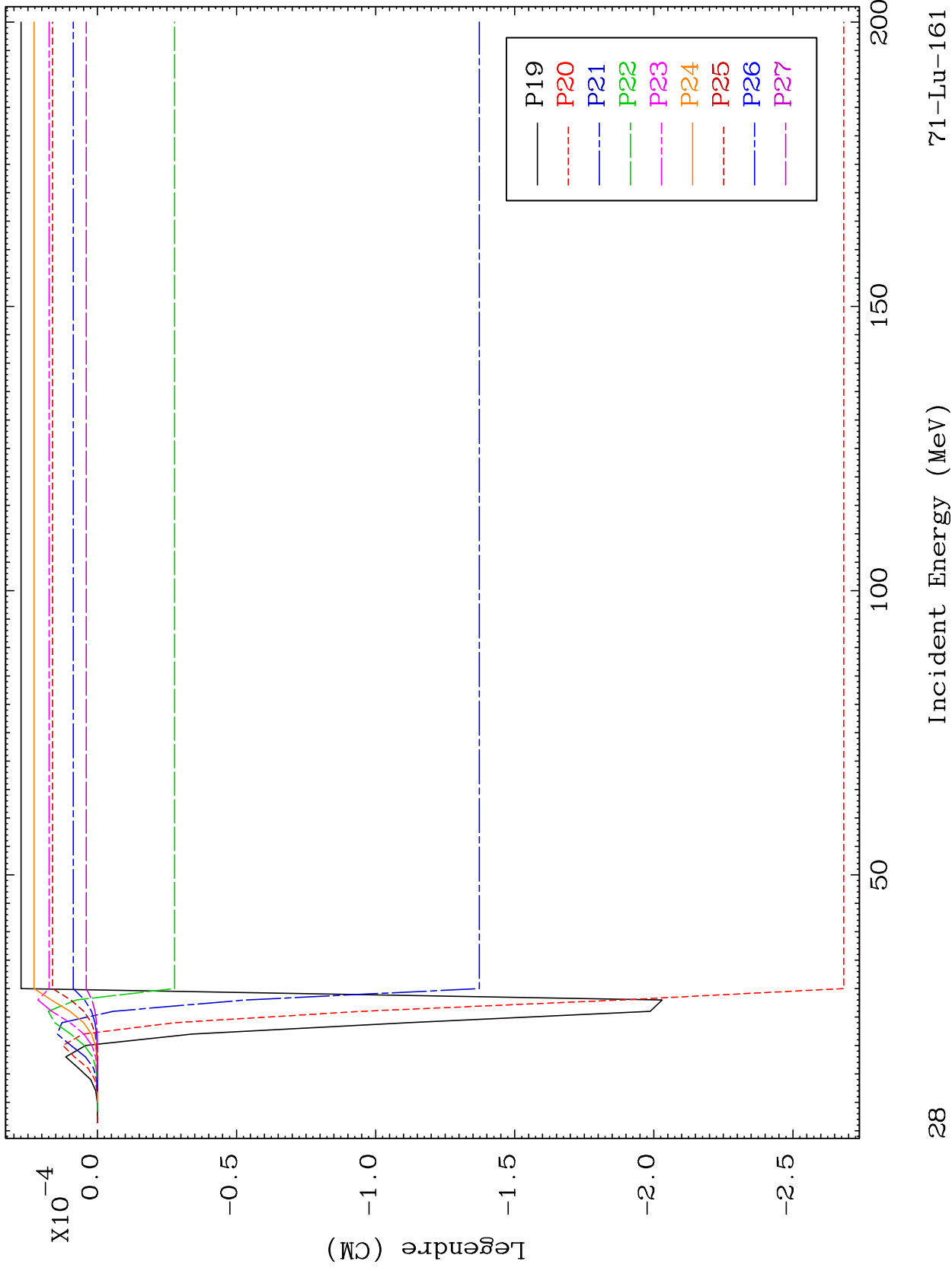
71-Lu-161



27

Incident Energy (MeV)

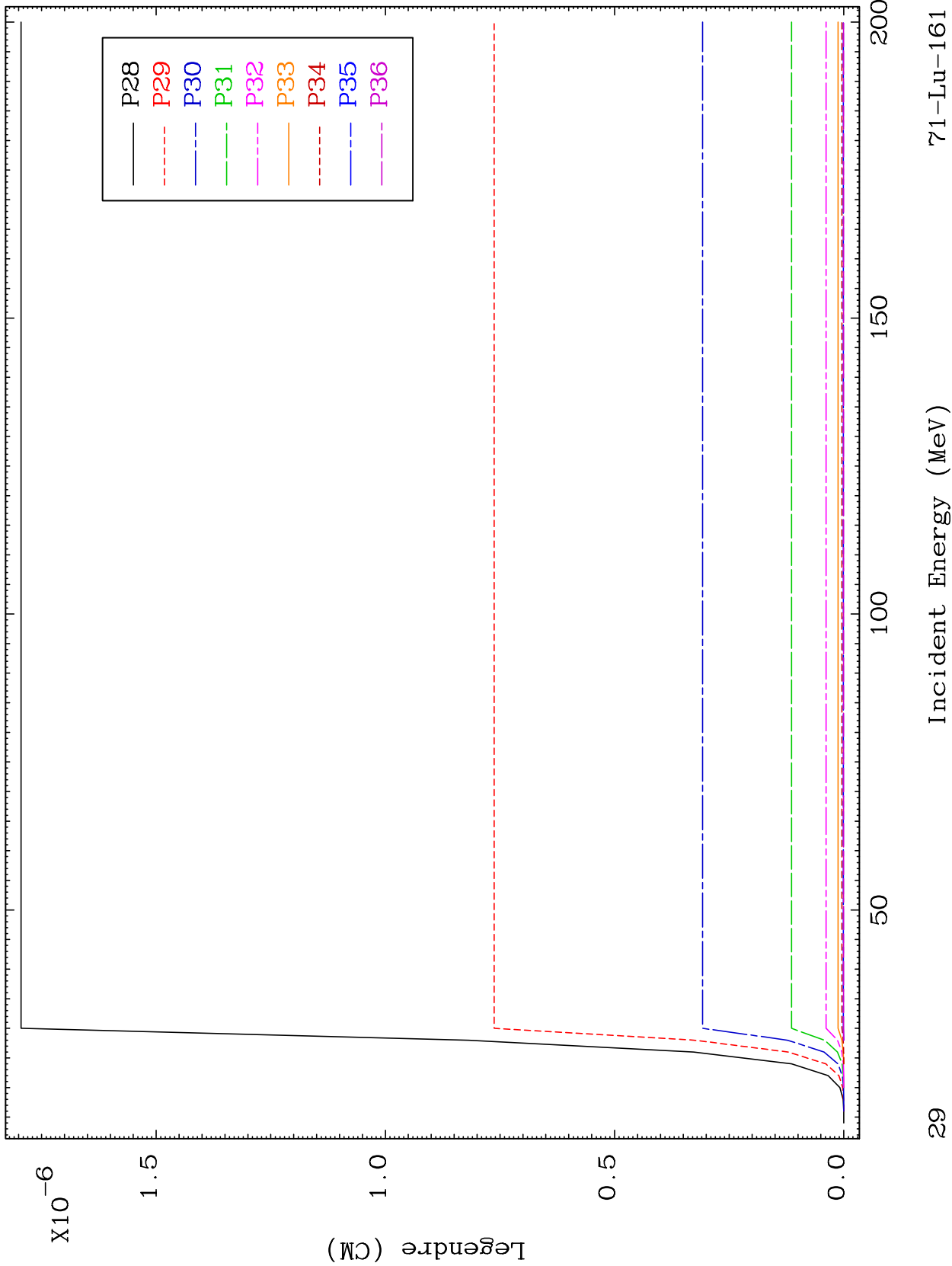
71-Lu-161



MAT 7083

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

71-Lu-161



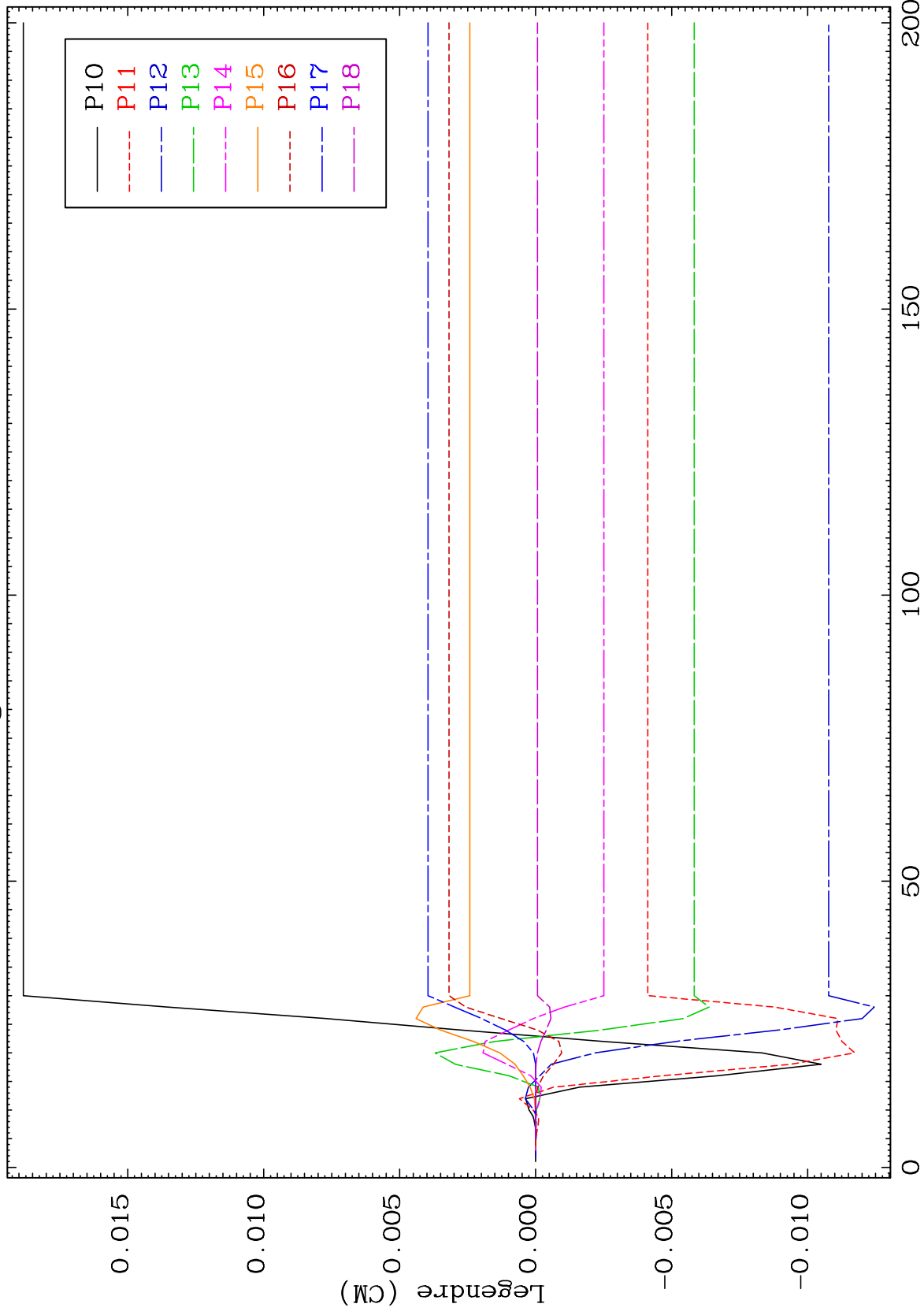
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71-Lu-161

MAT 7083

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

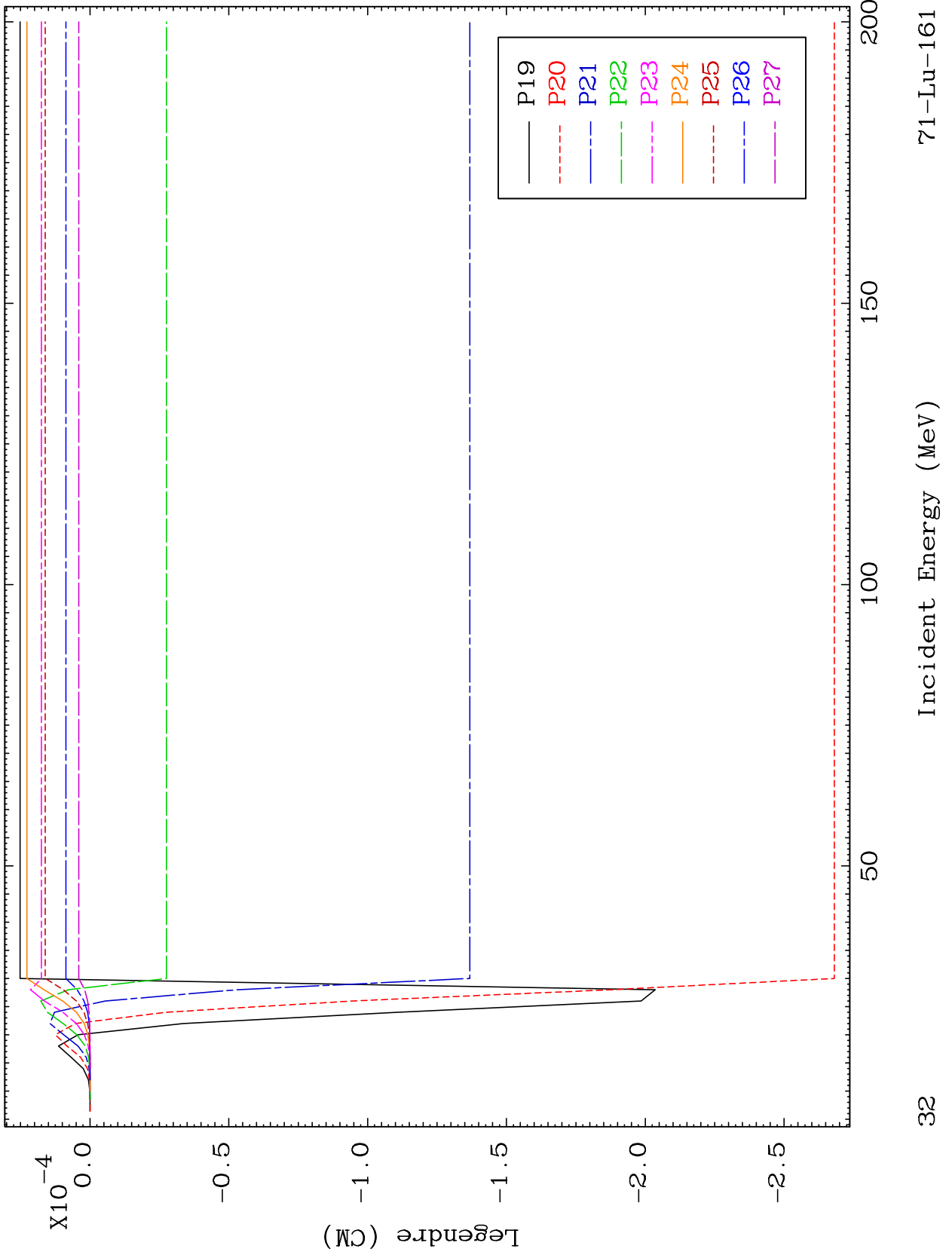
71-Lu-161



31

Incident Energy (MeV)

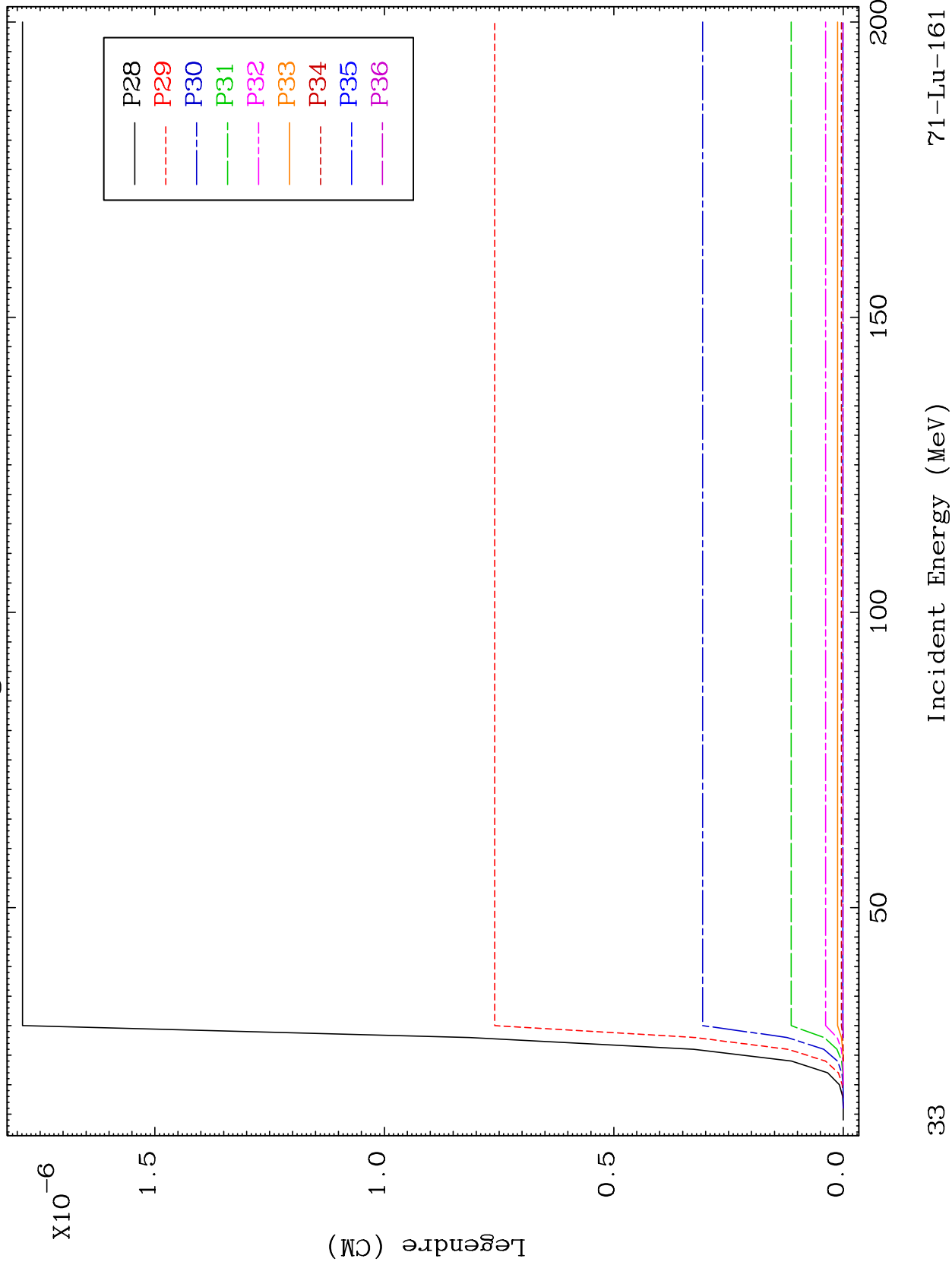
71-Lu-161



MAT 7083

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

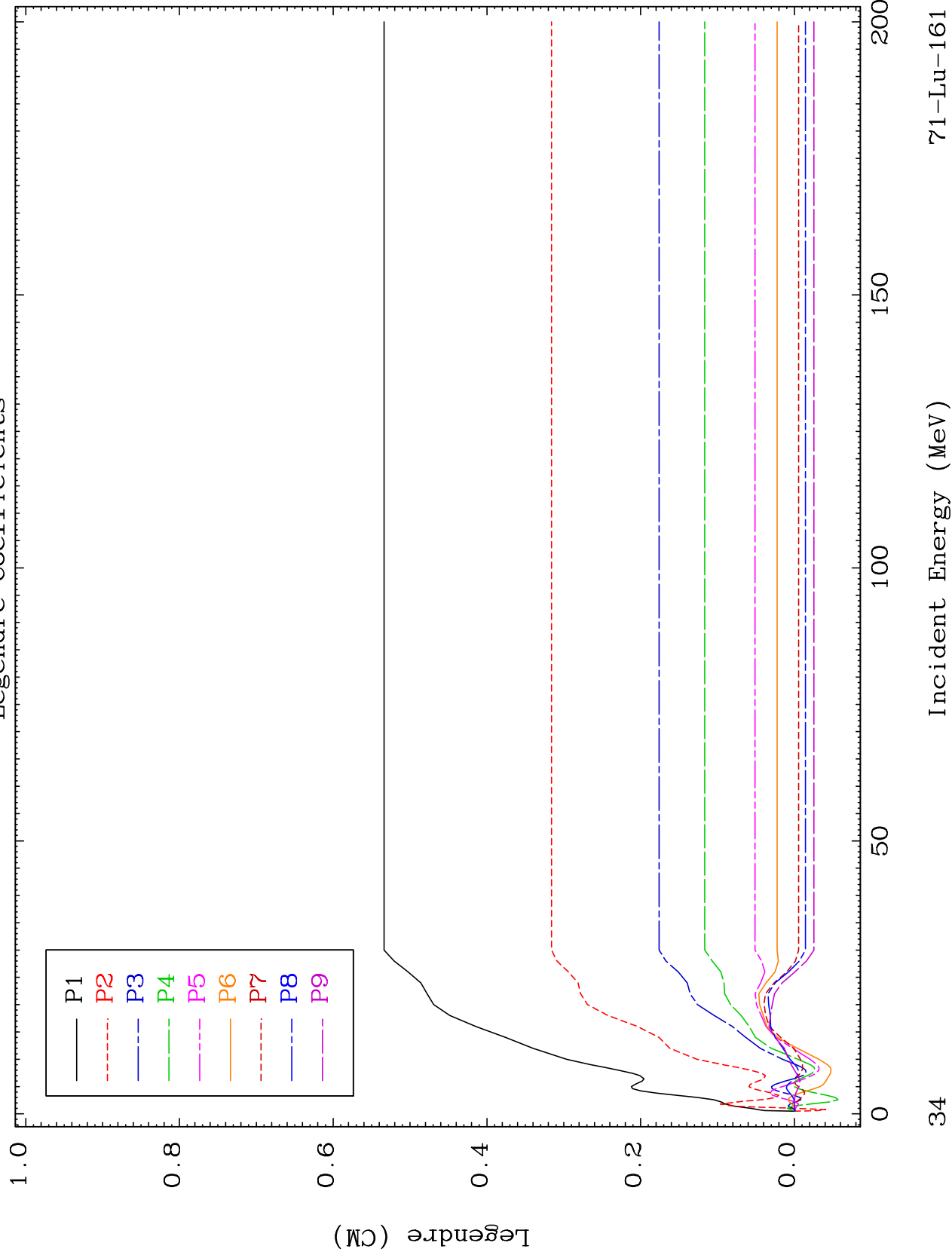
71-Lu-161



MAT 7083

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

71-Lu-161



34

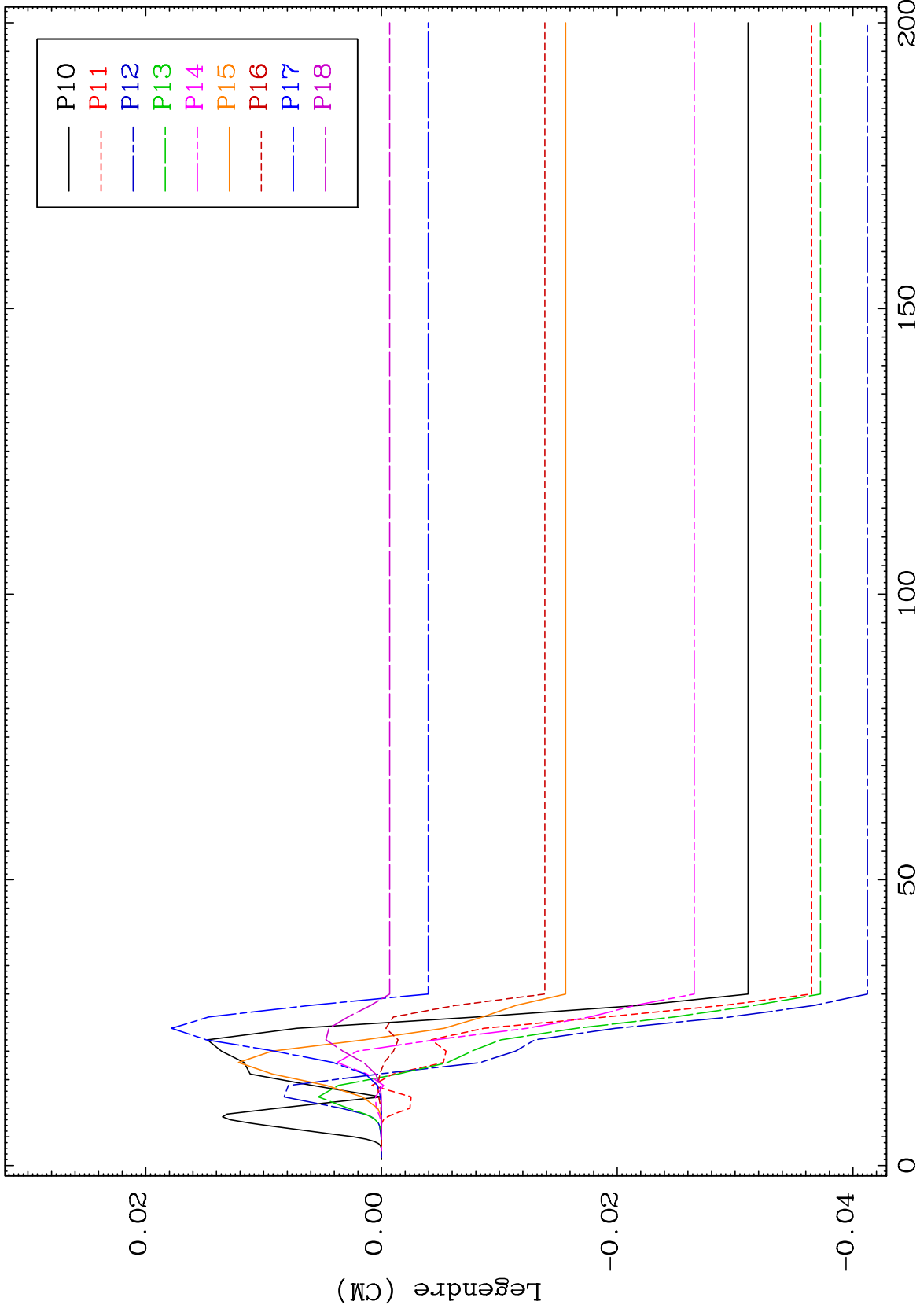
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

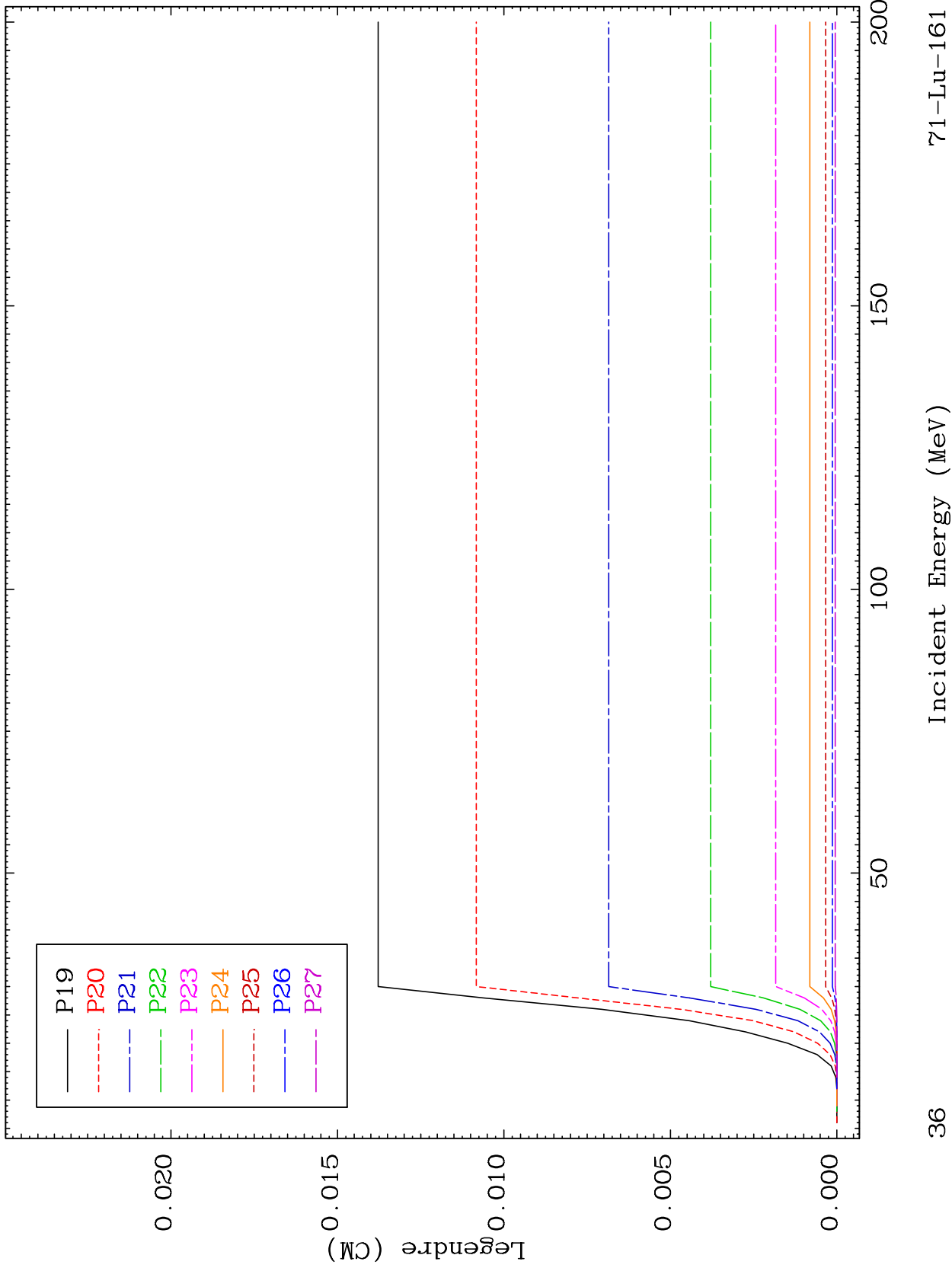
71-Lu-161



35

Incident Energy (MeV)

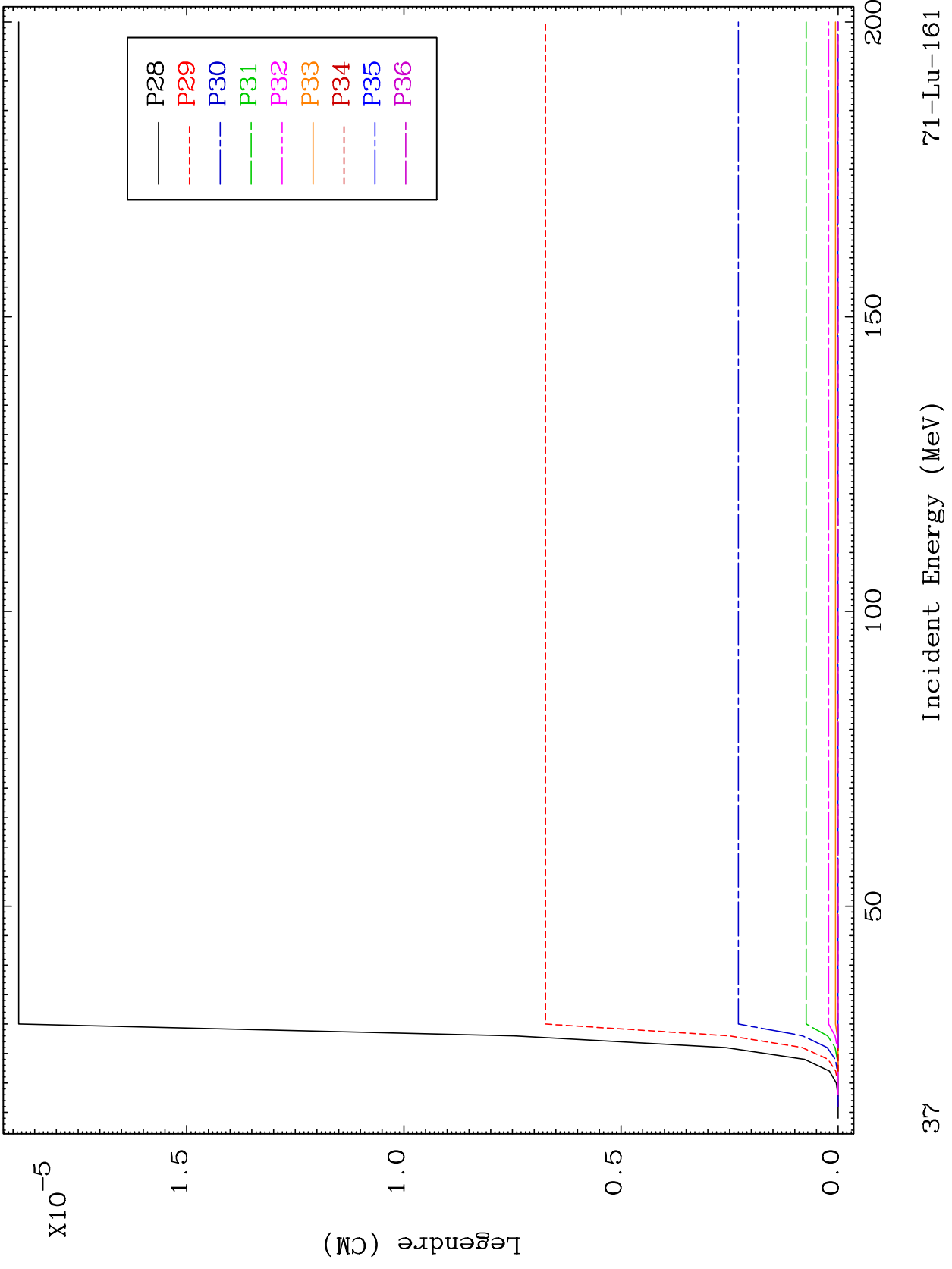
71-Lu-161



MAT 7083

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

71-Lu-161



37

Incident Energy (MeV)

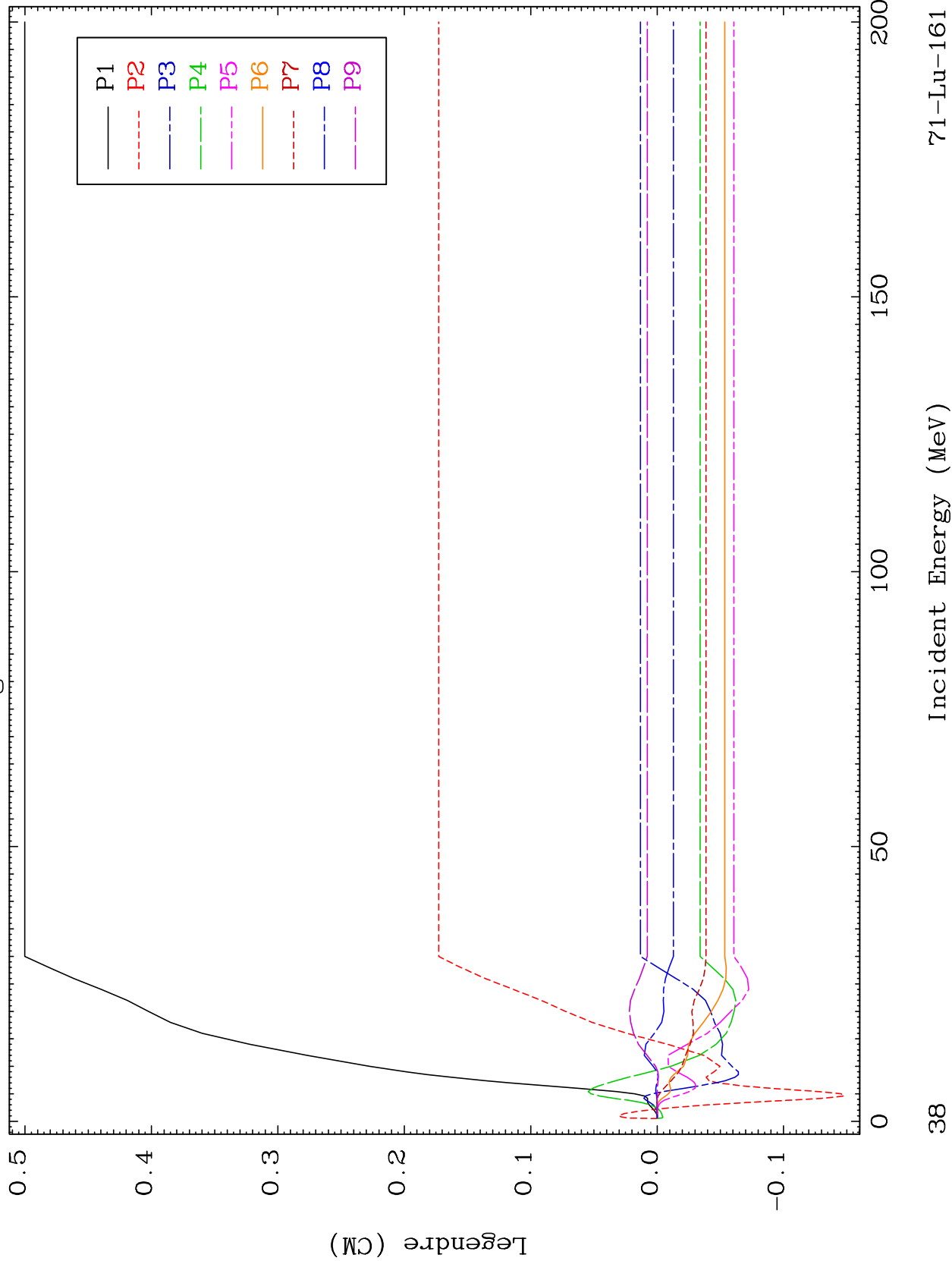
71-Lu-161

200

MAT 7083

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

71-Lu-161



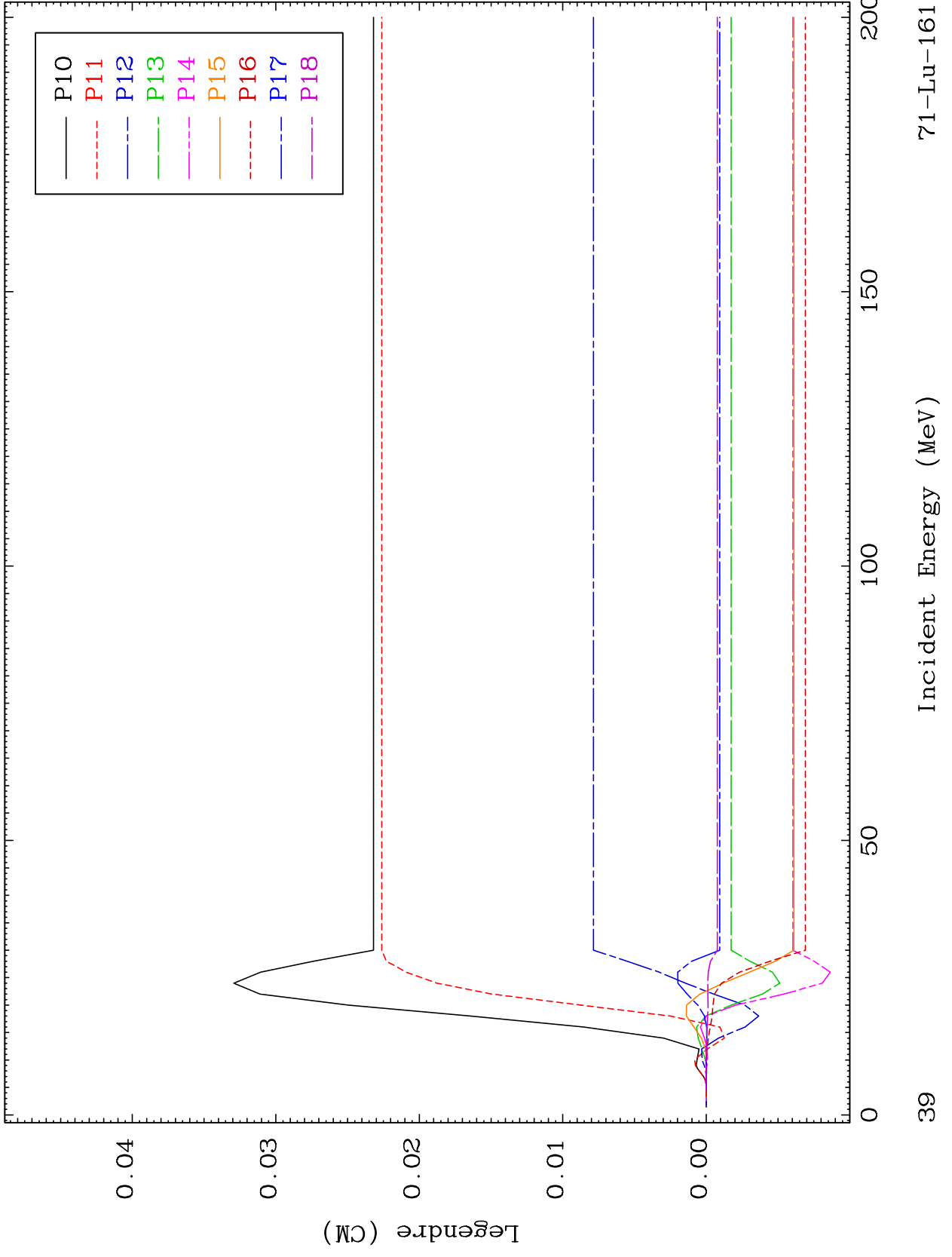
38

71-Lu-161

MAT 7083

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

71-Lu-161



39

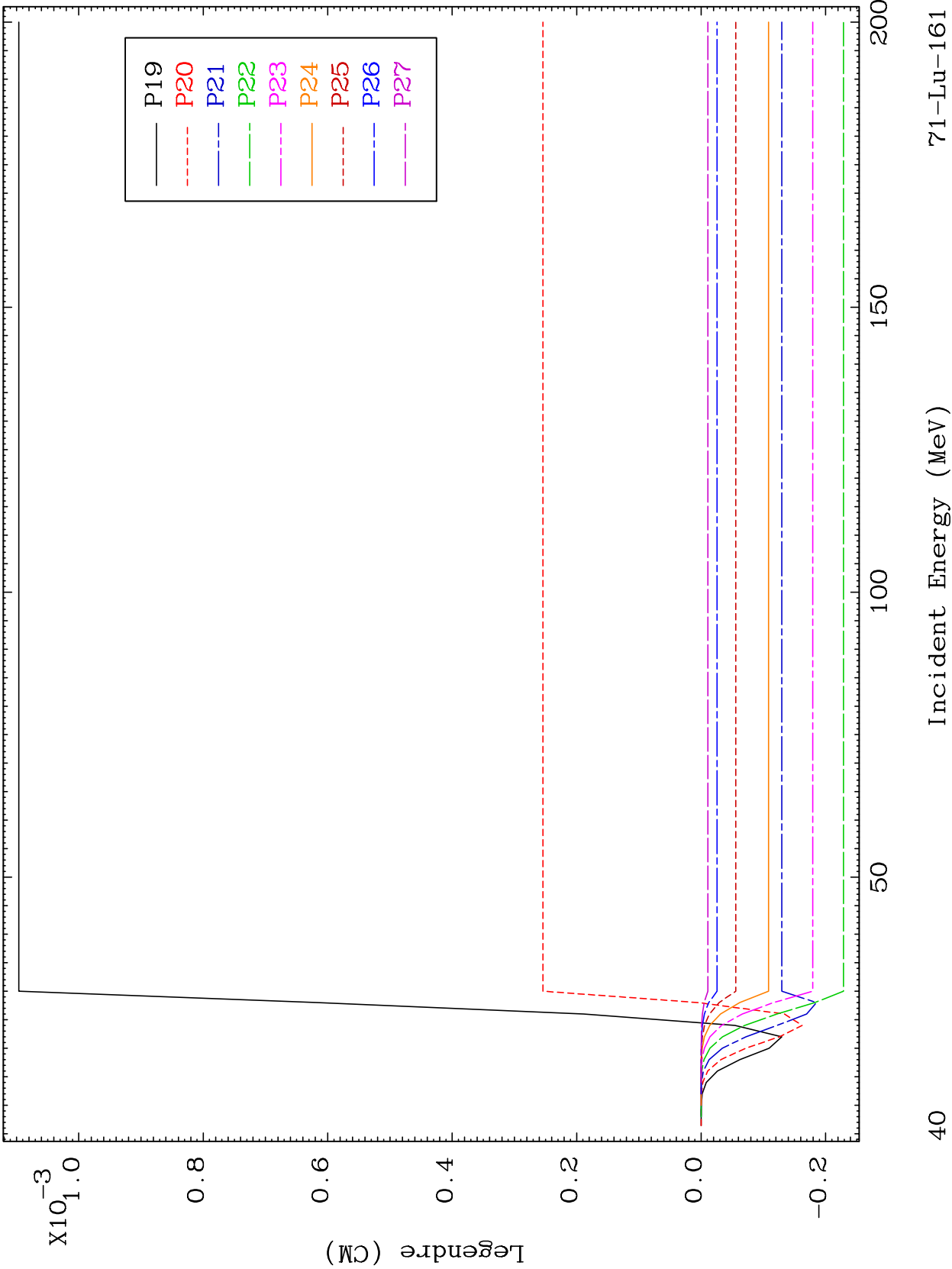
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

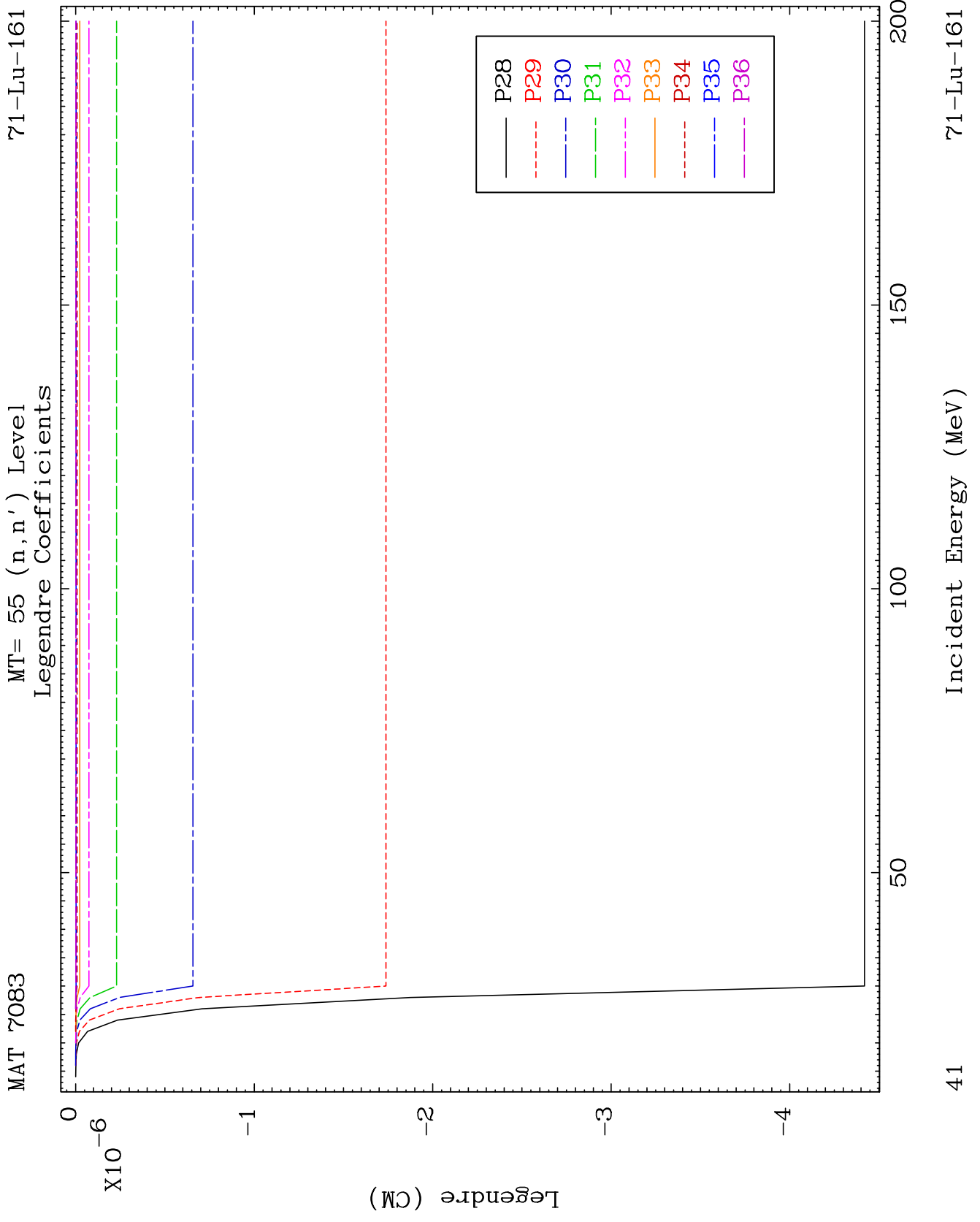
71-Lu-161

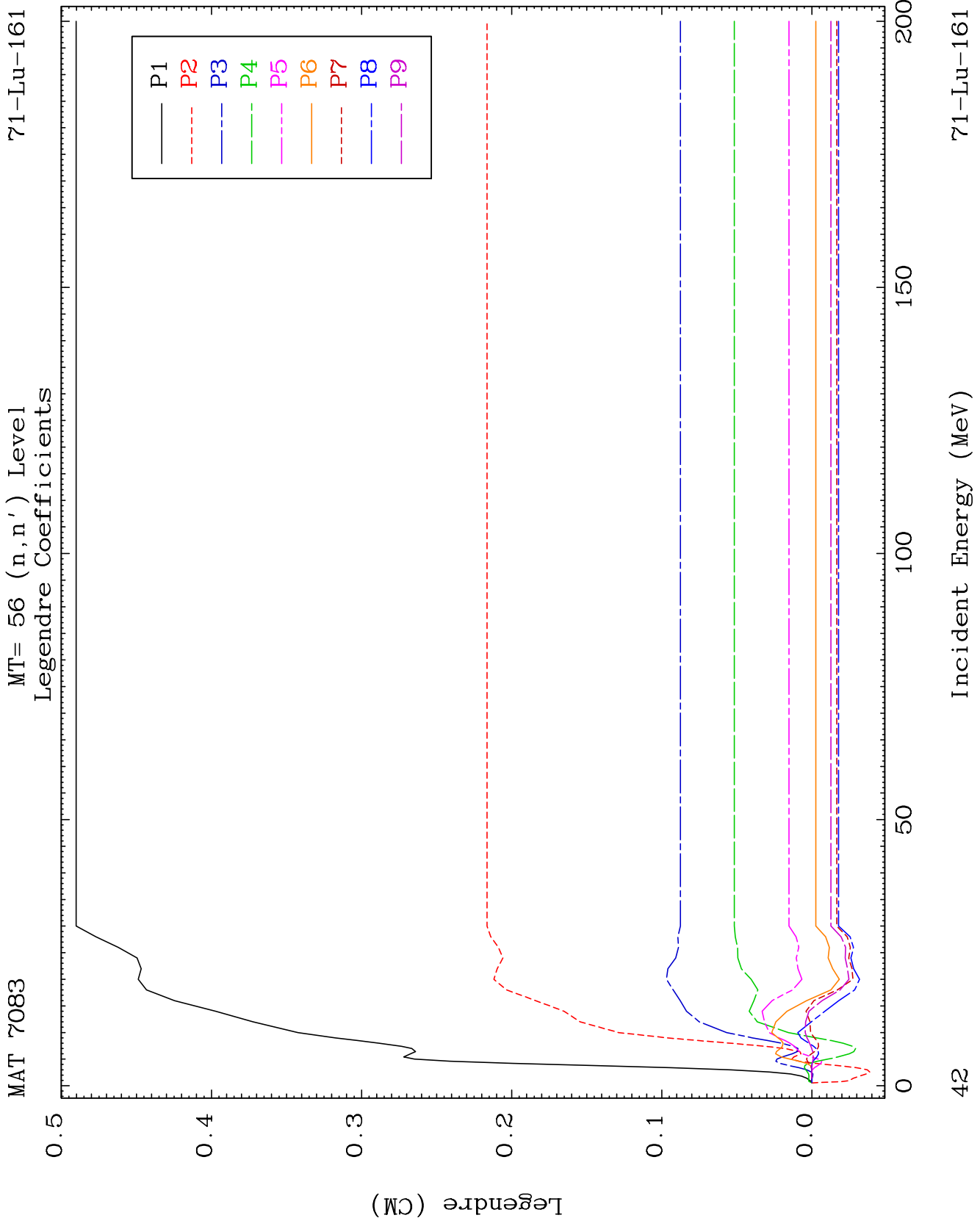


40

Incident Energy (MeV)

71-Lu-161

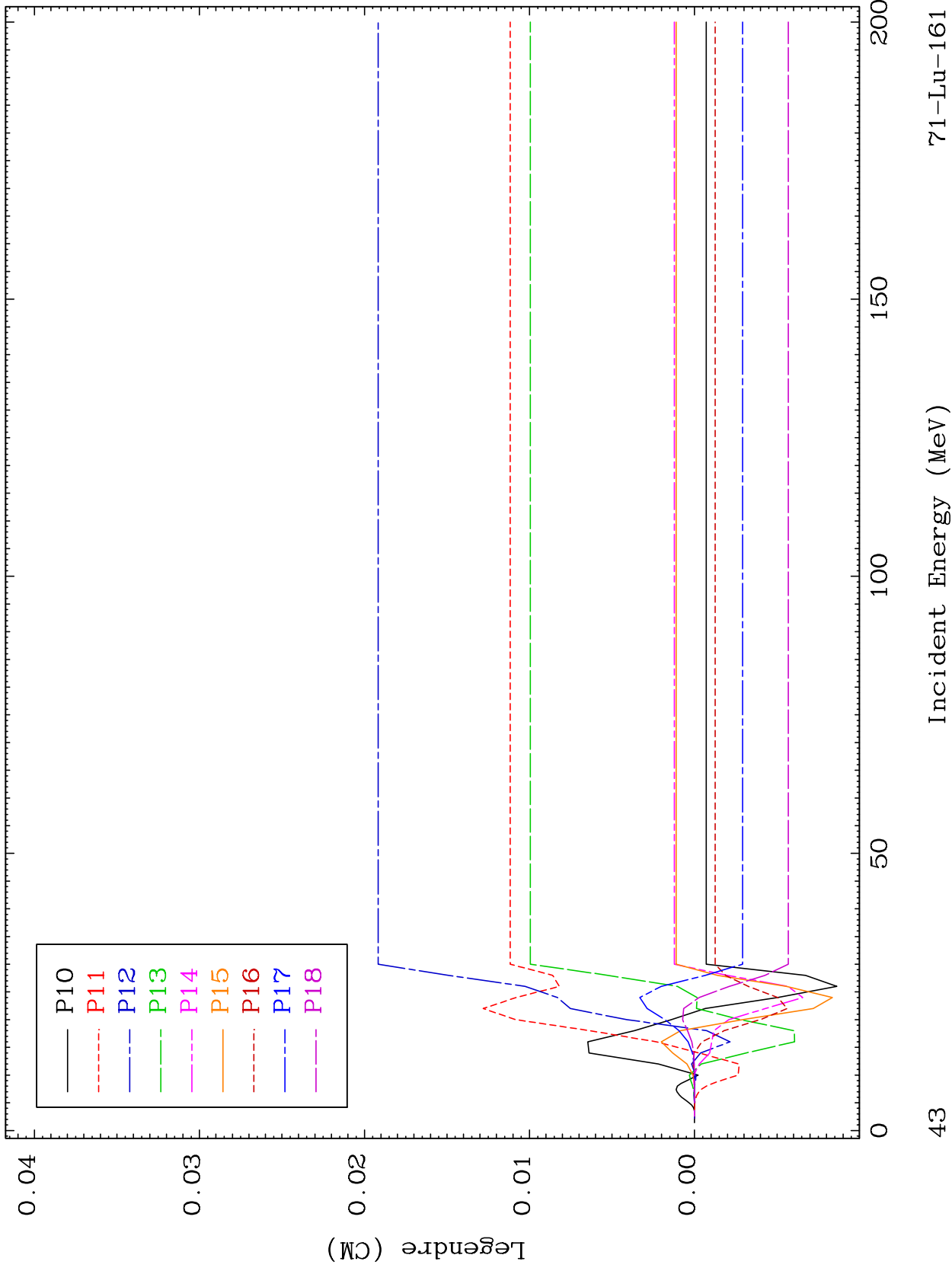




MAT 7083

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

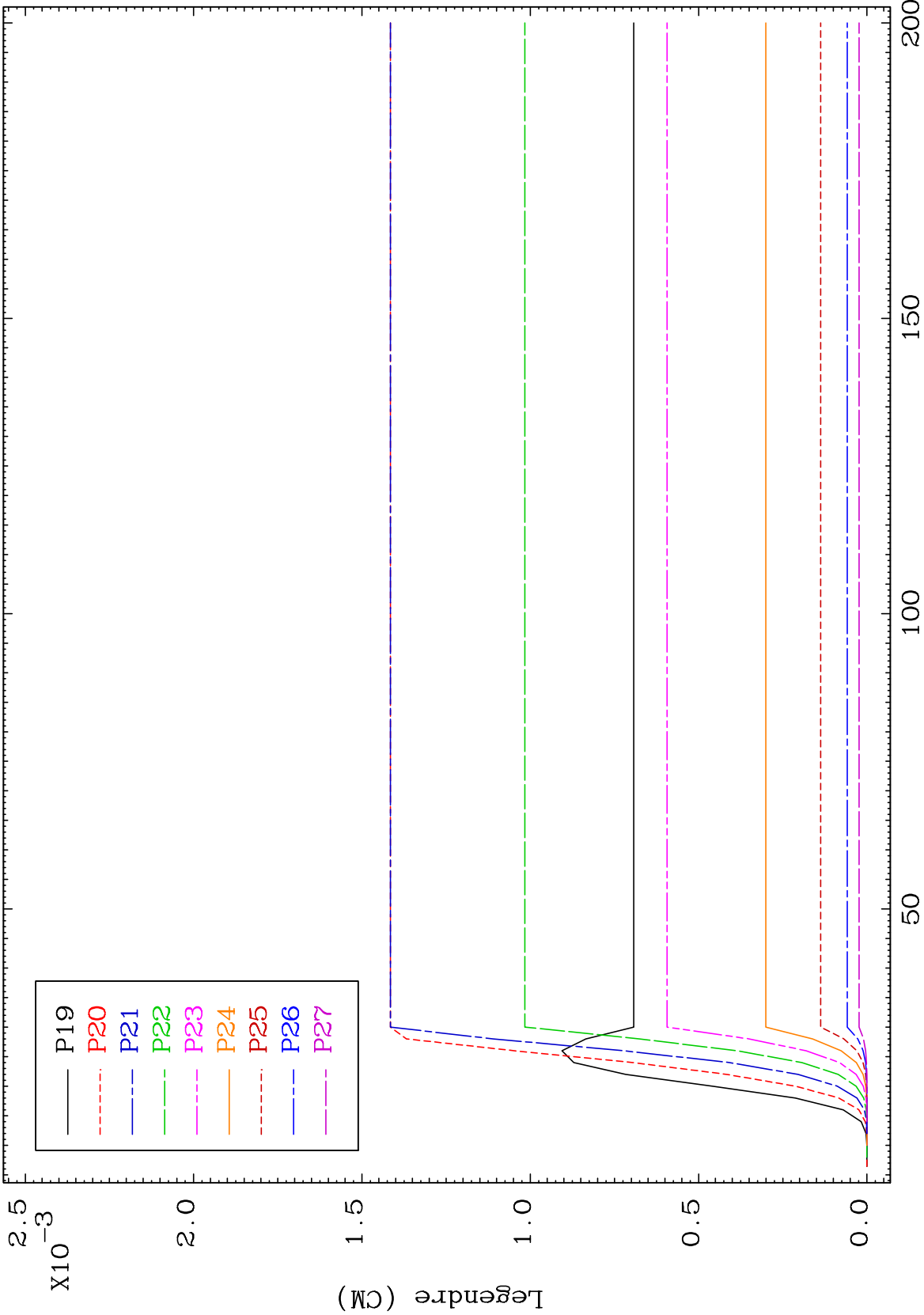
71-Lu-161



MAT 7083

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

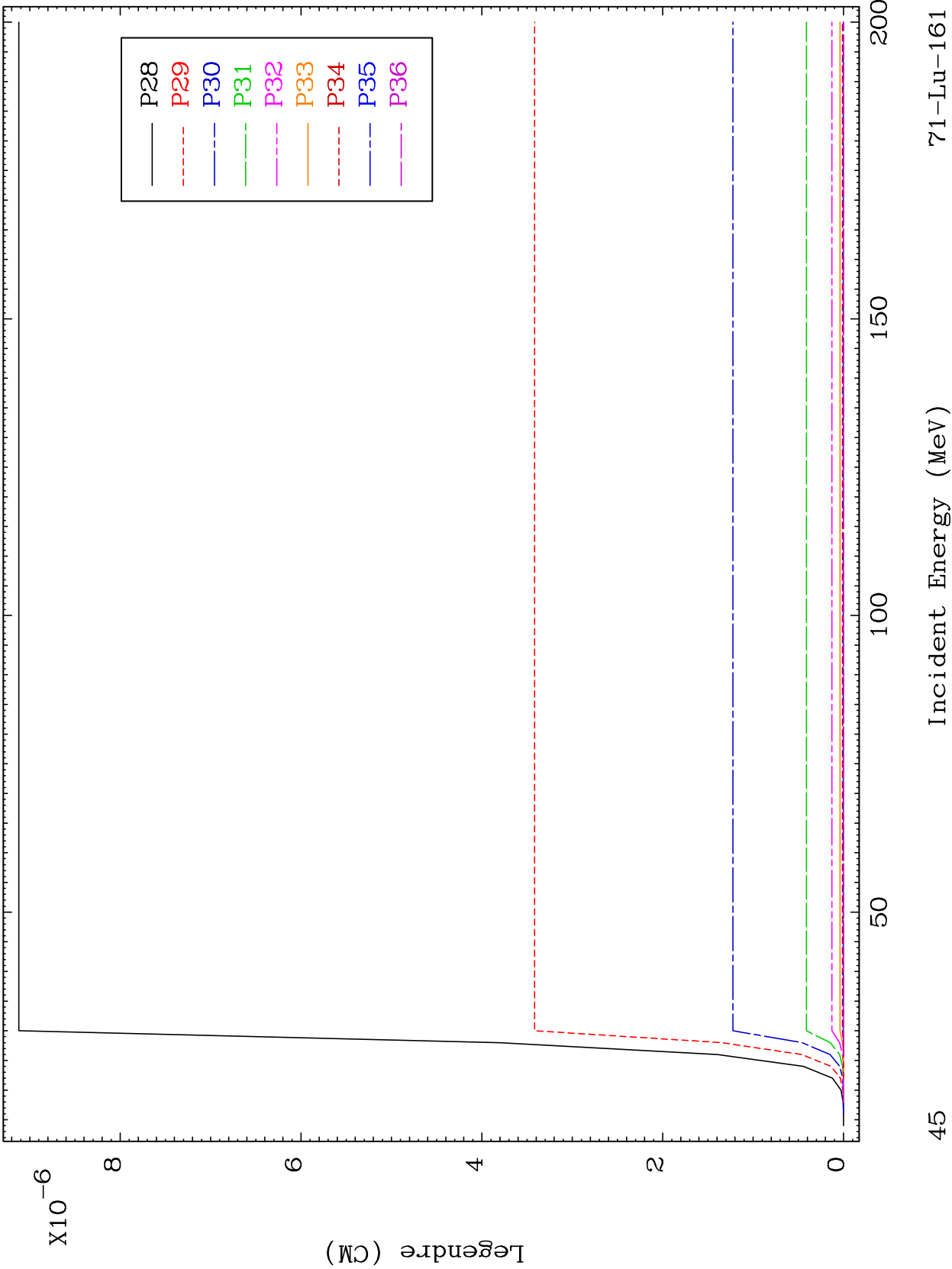
71-Lu-161



MAT 7083

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

71-Lu-161



45

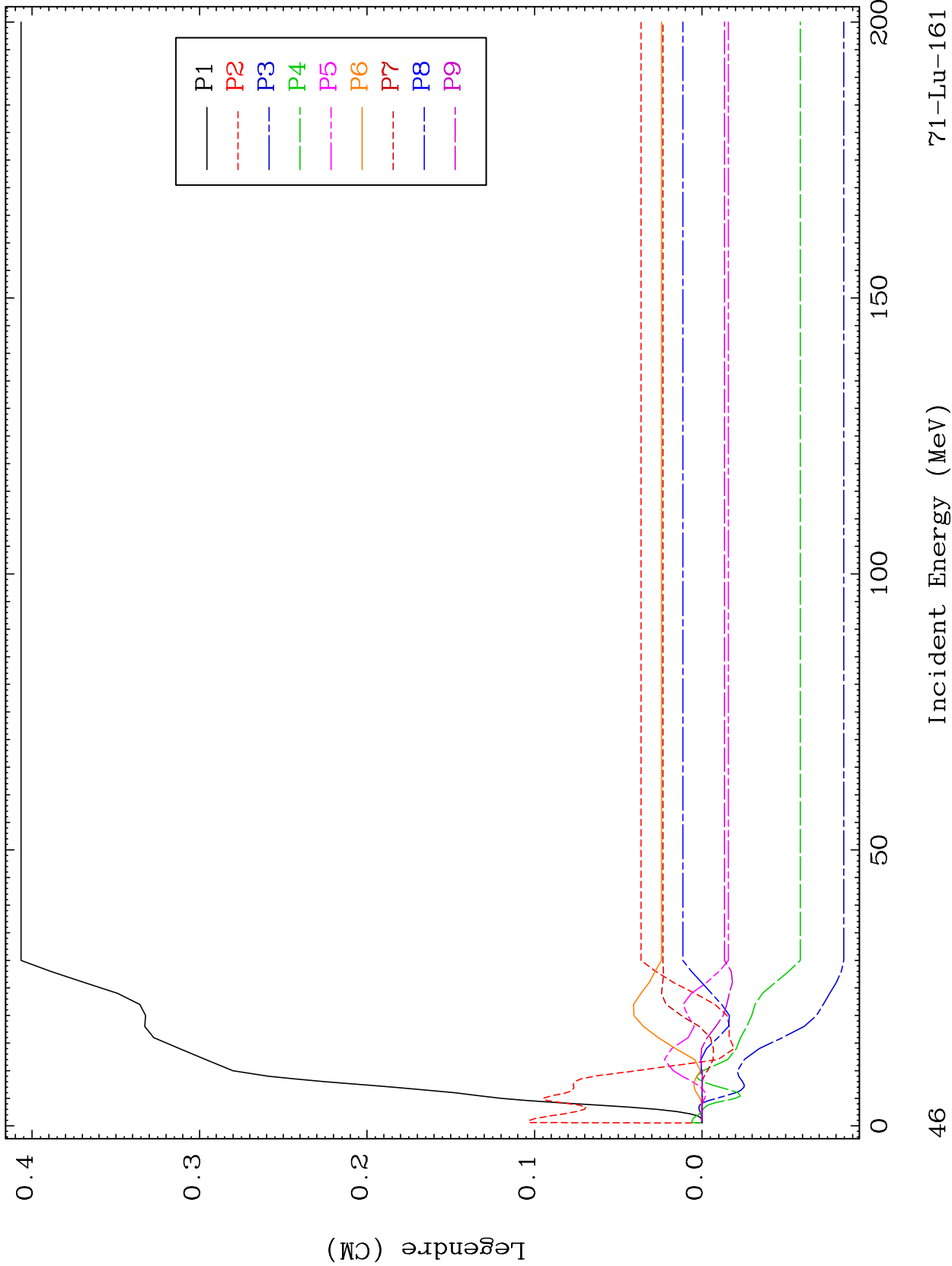
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

71-Lu-161



71-Lu-161

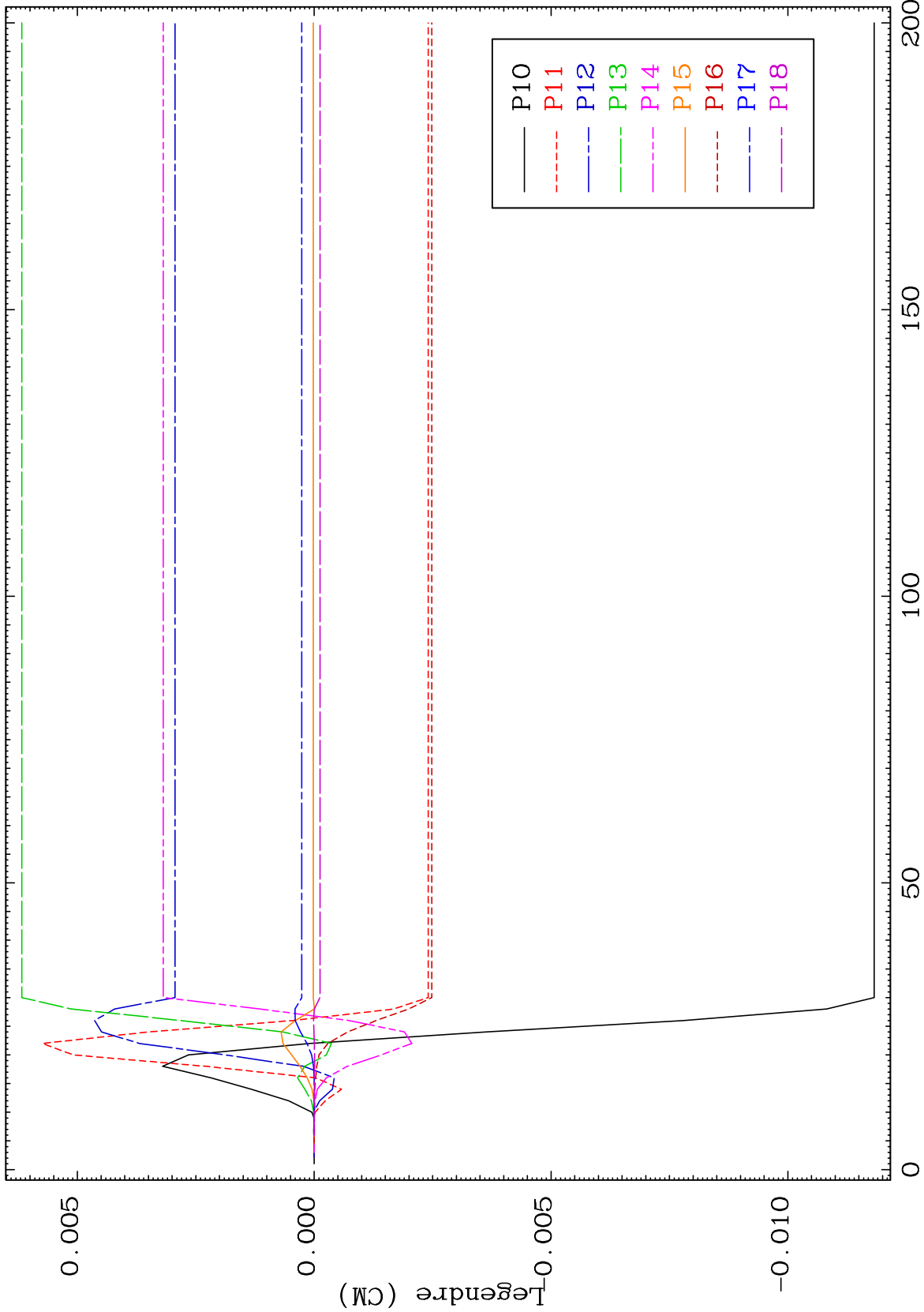
Incident Energy (MeV)

46

MAT 7083

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

71-Lu-161



47

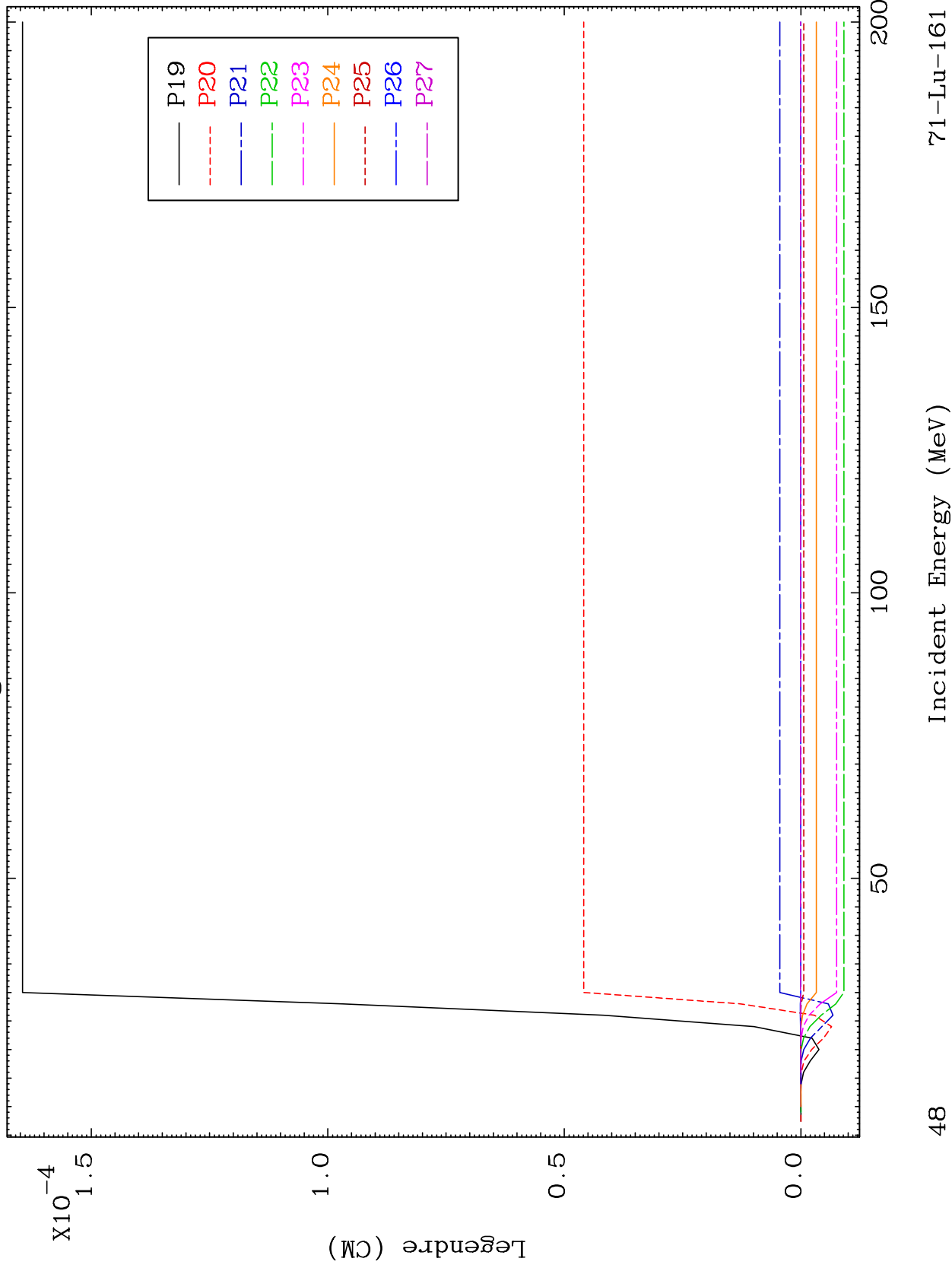
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

71-Lu-161



48

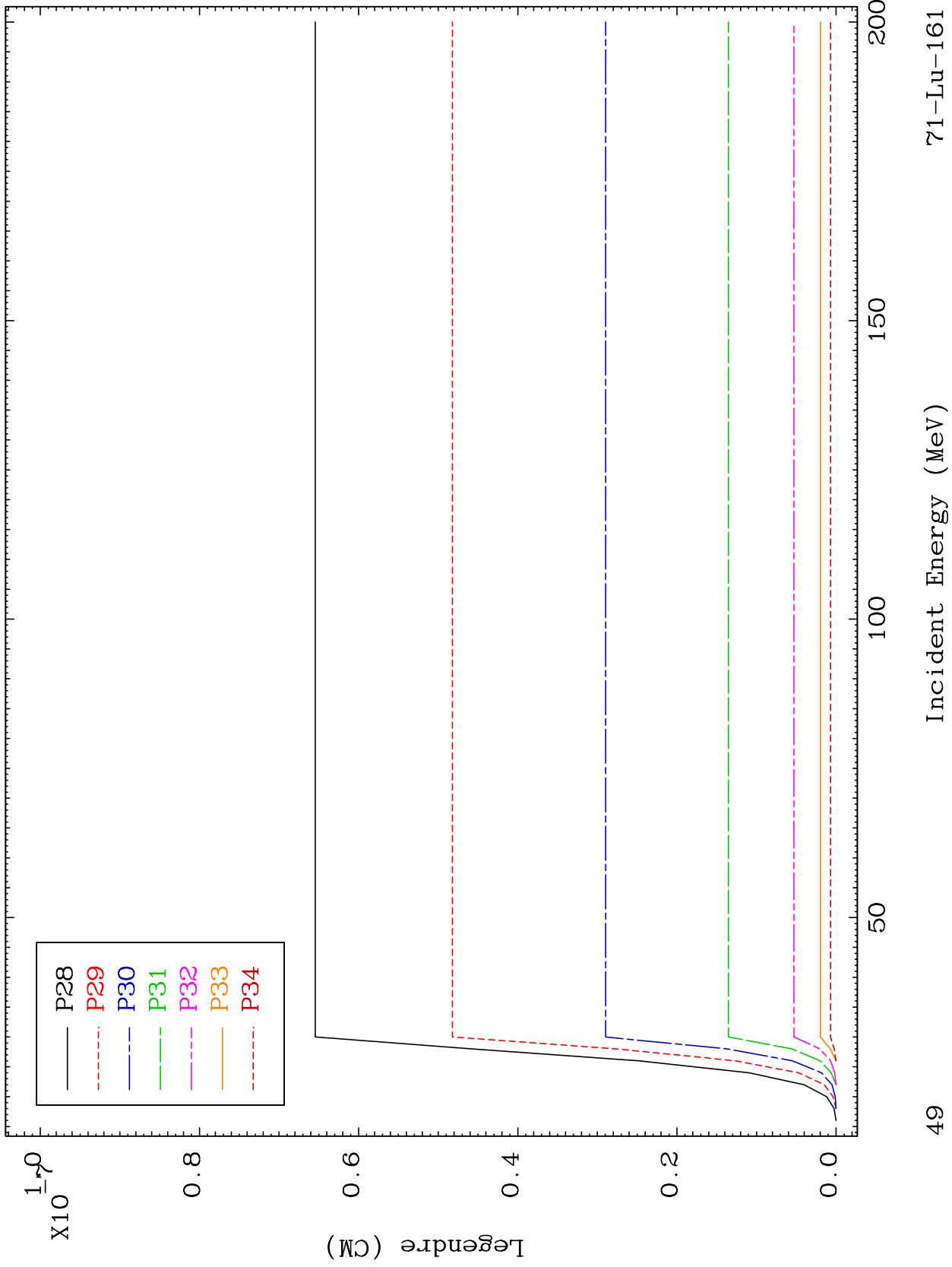
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

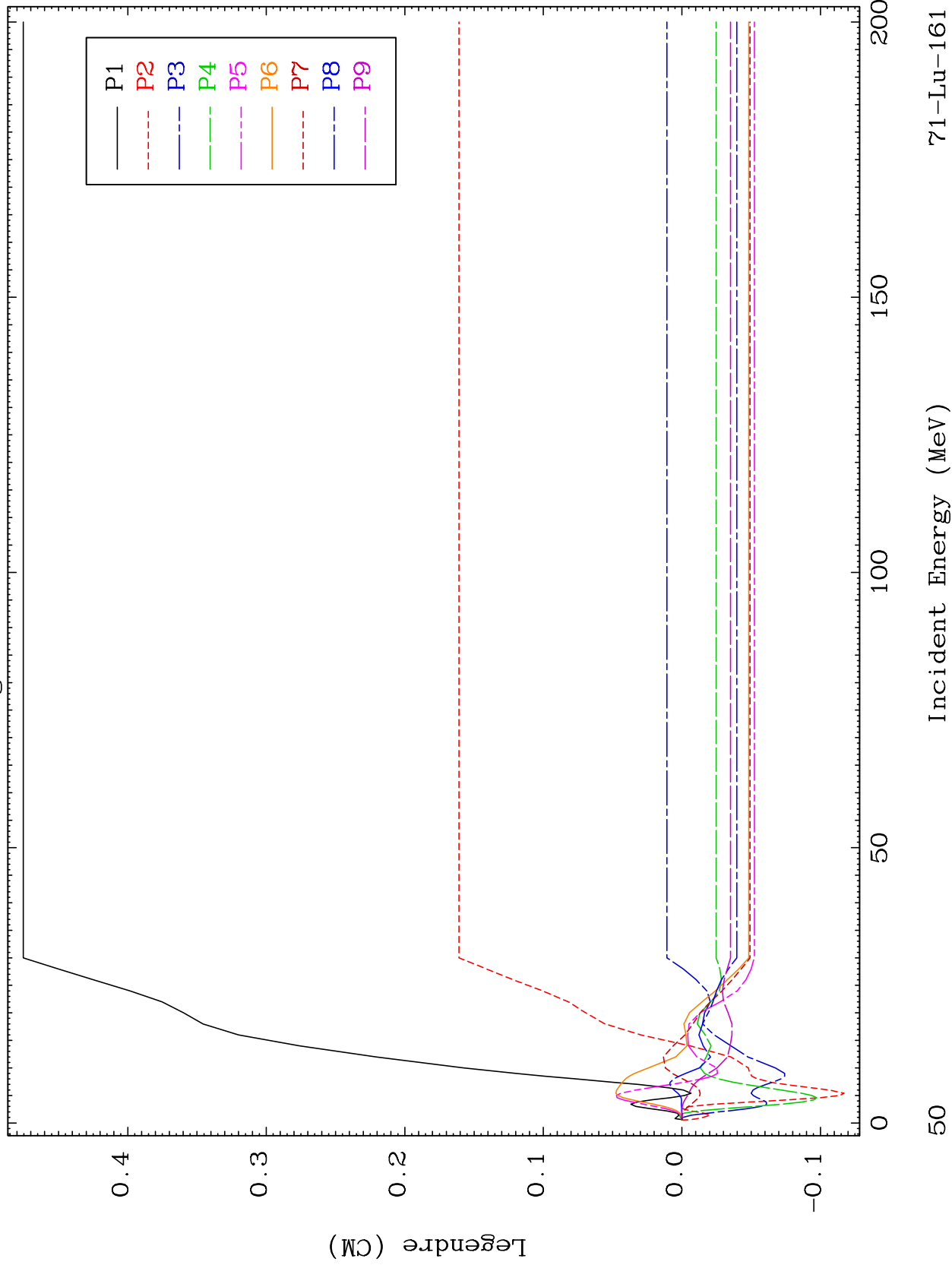
71-Lu-161



MAT 7083

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

71-Lu-161



71-Lu-161

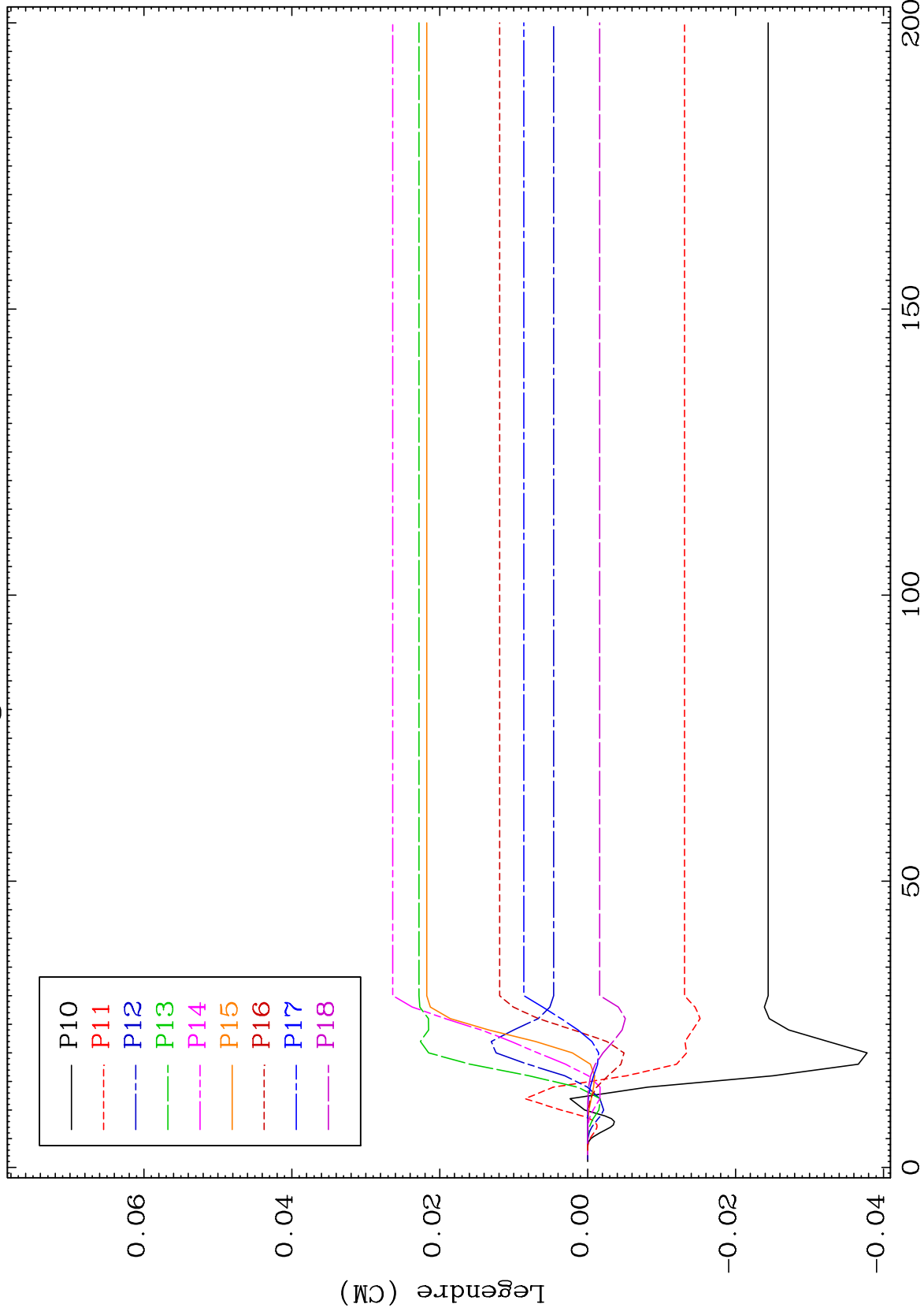
Incident Energy (MeV)

50

MAT 7083

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

71-Lu-161



51

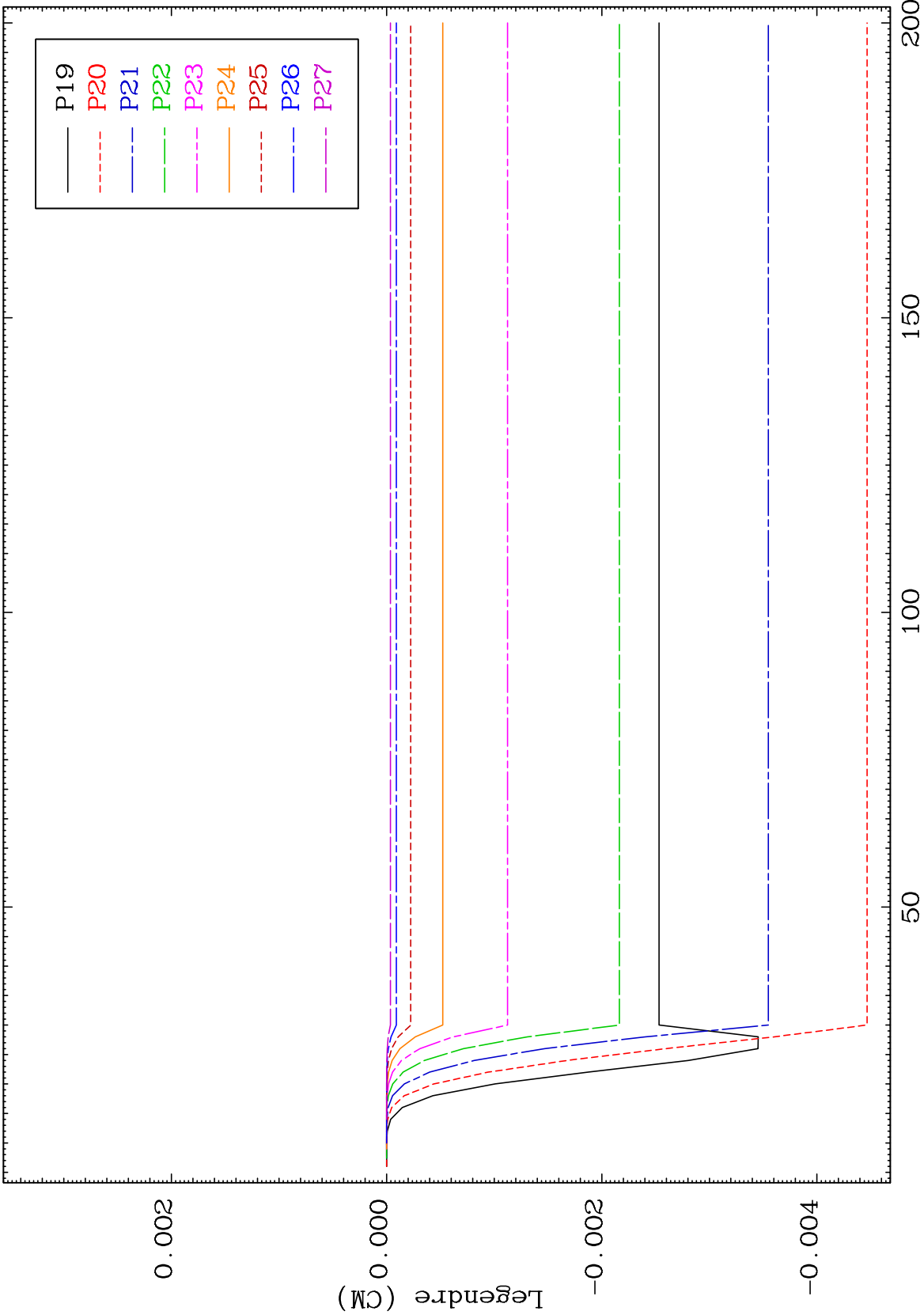
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

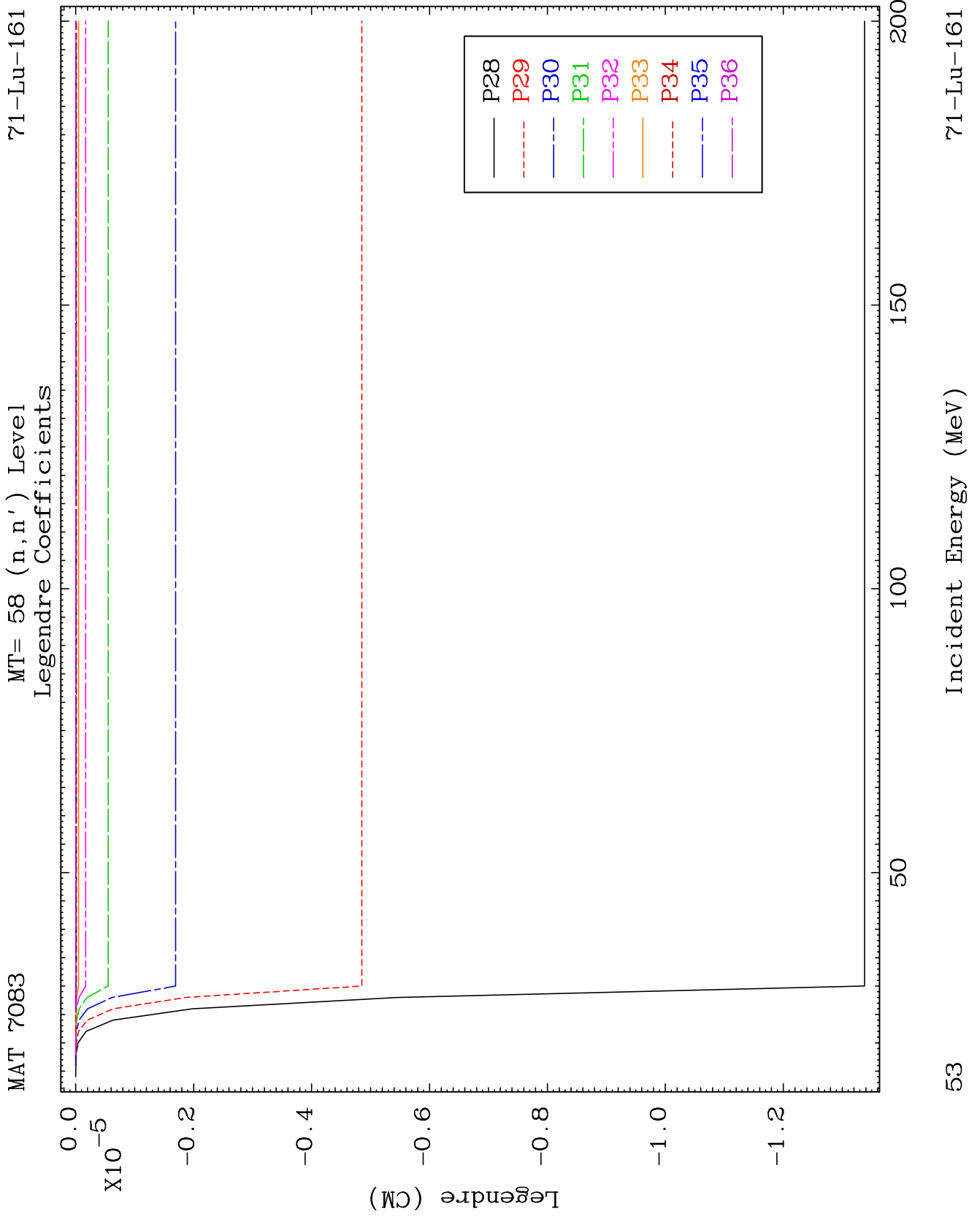
71-Lu-161



52

Incident Energy (MeV)

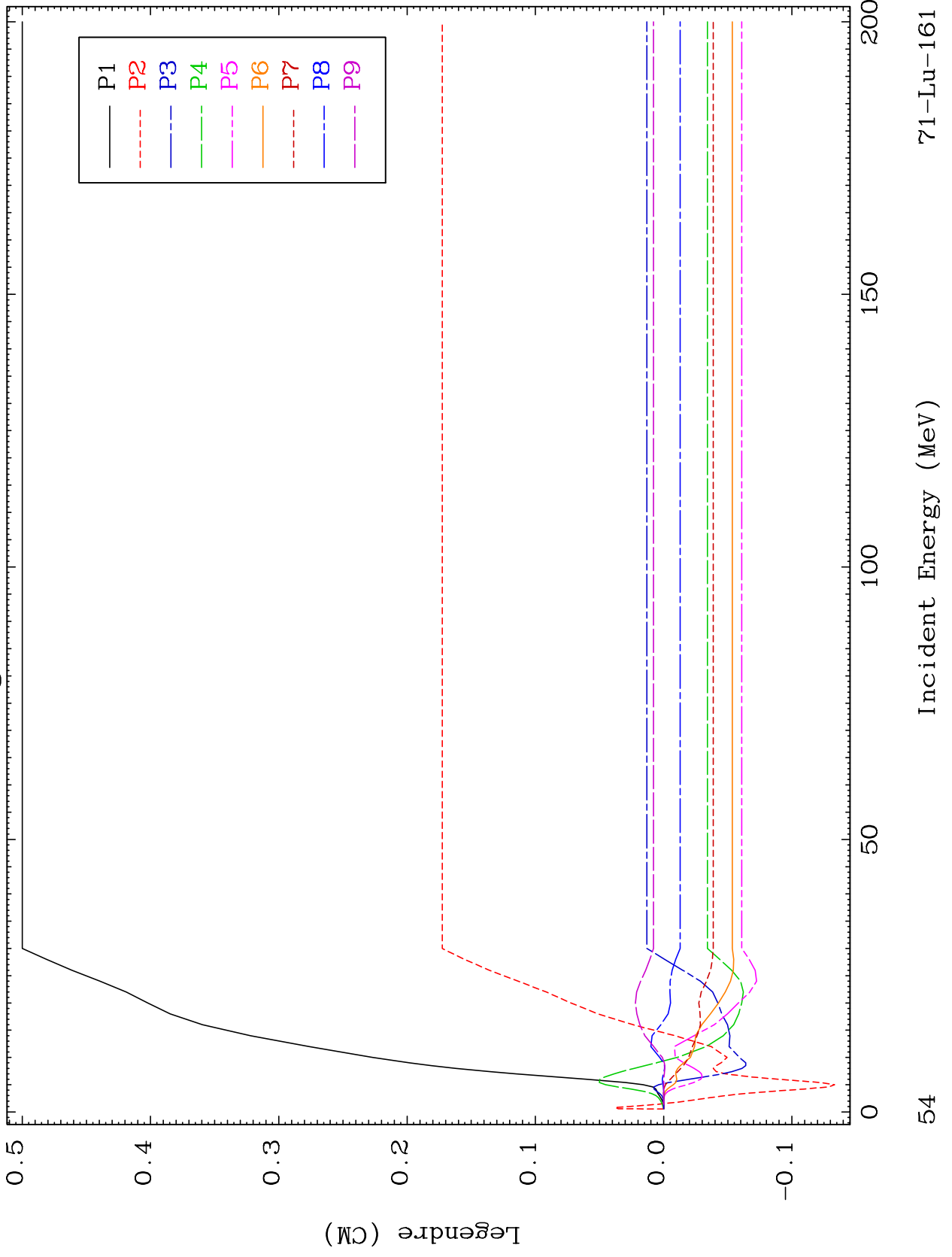
71-Lu-161



MAT 7083

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

71-Lu-161



54

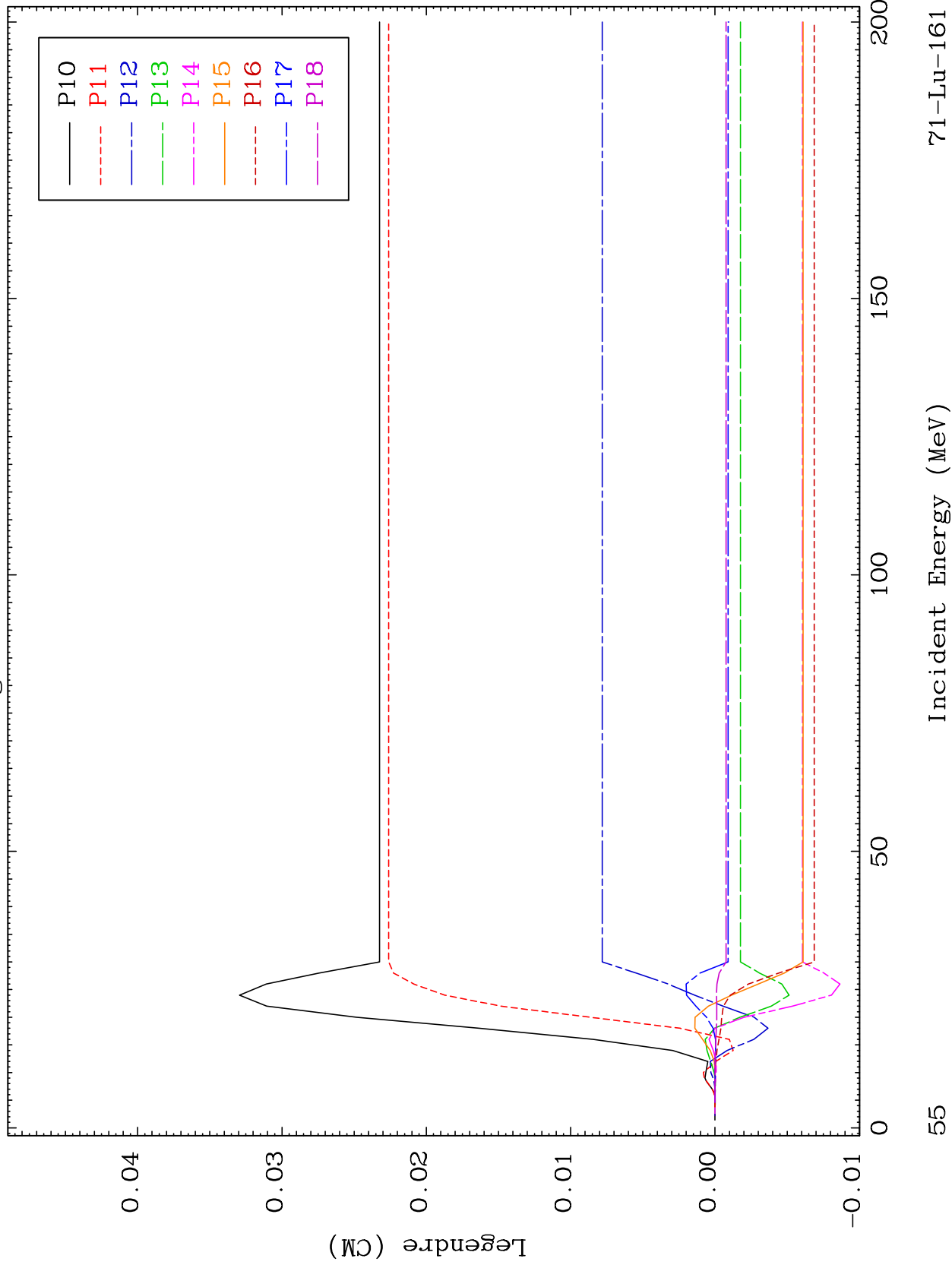
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

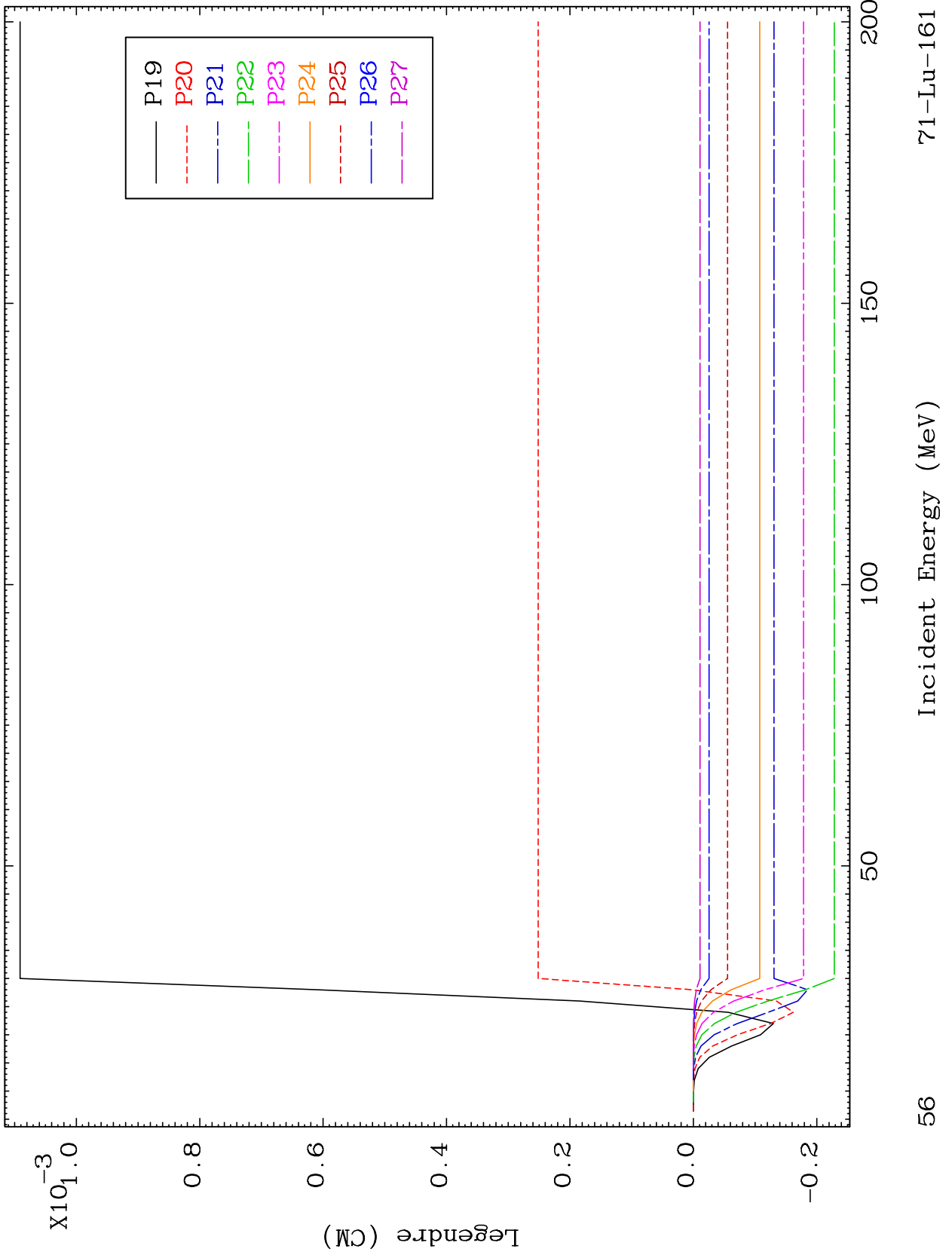
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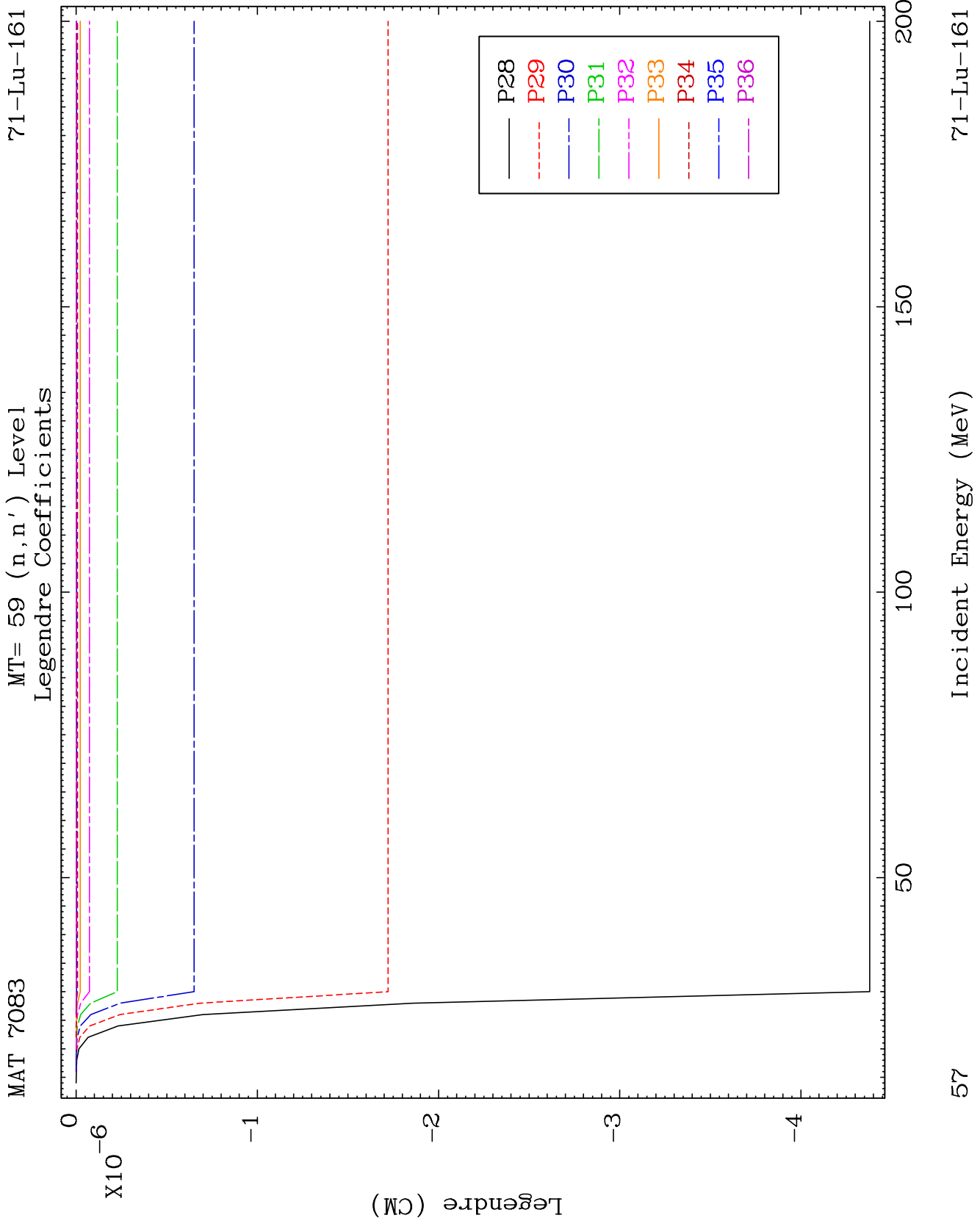


71-Lu-161

Incident Energy (MeV)

55

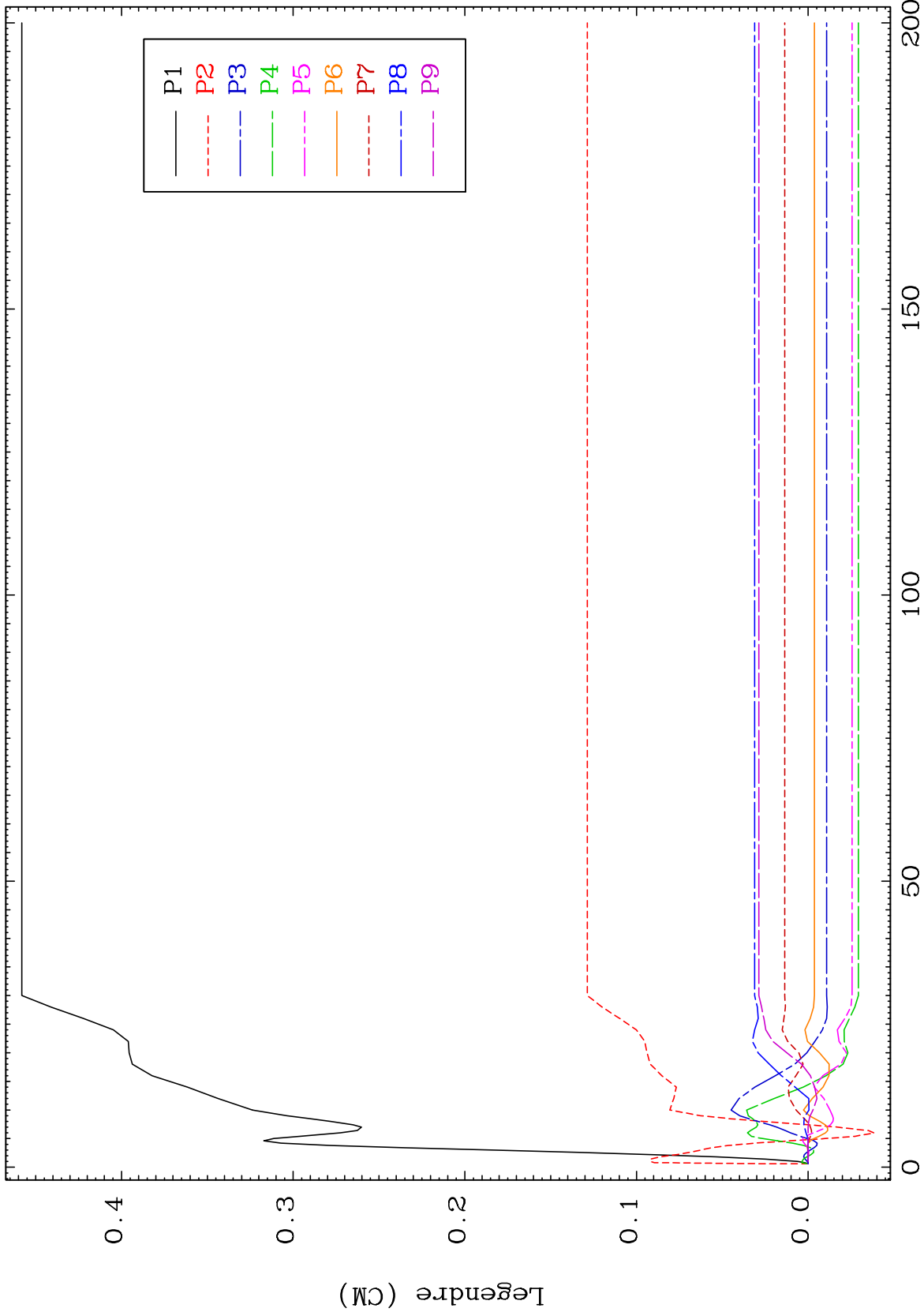




MAT 7083

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

71-Lu-161



58

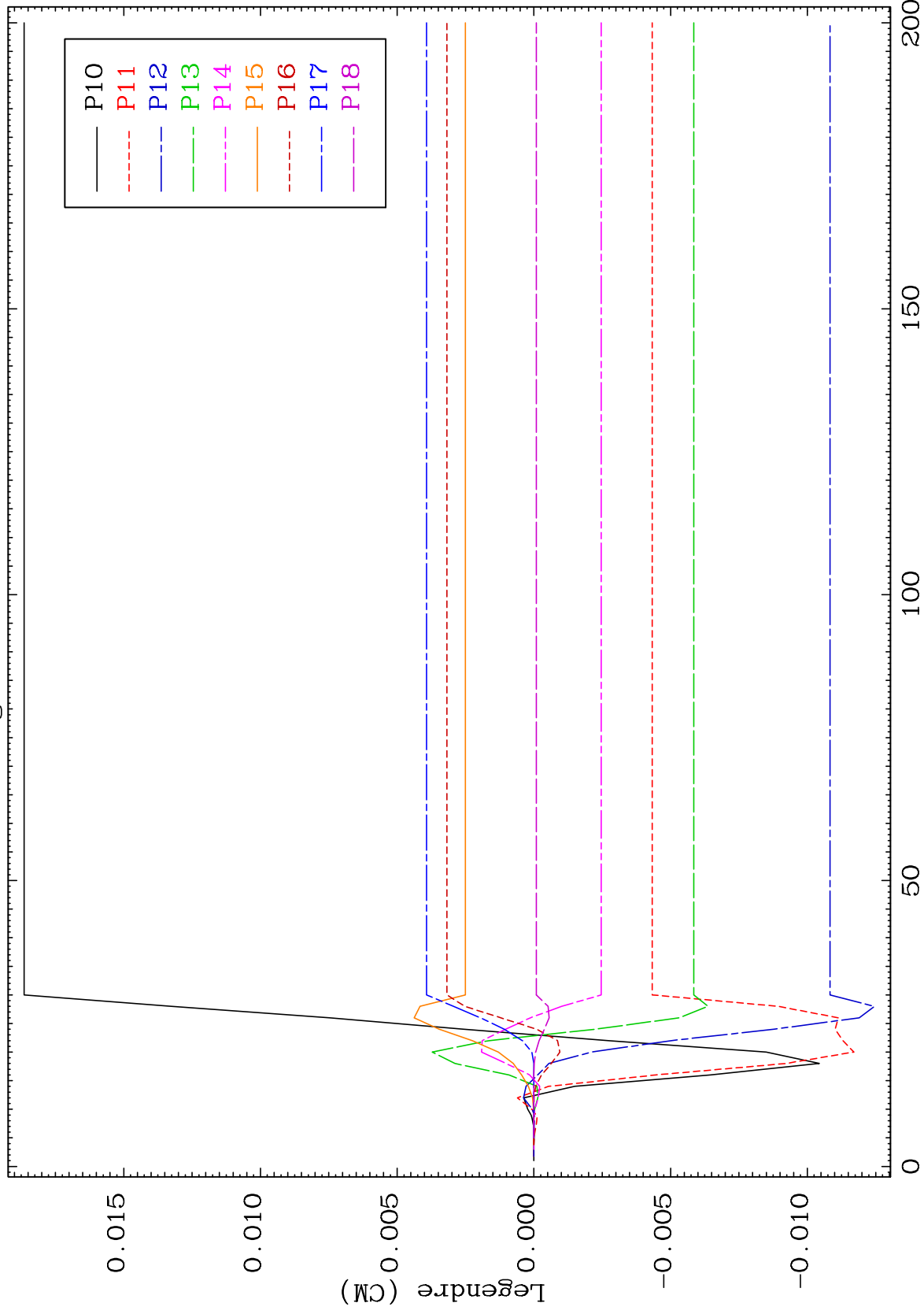
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

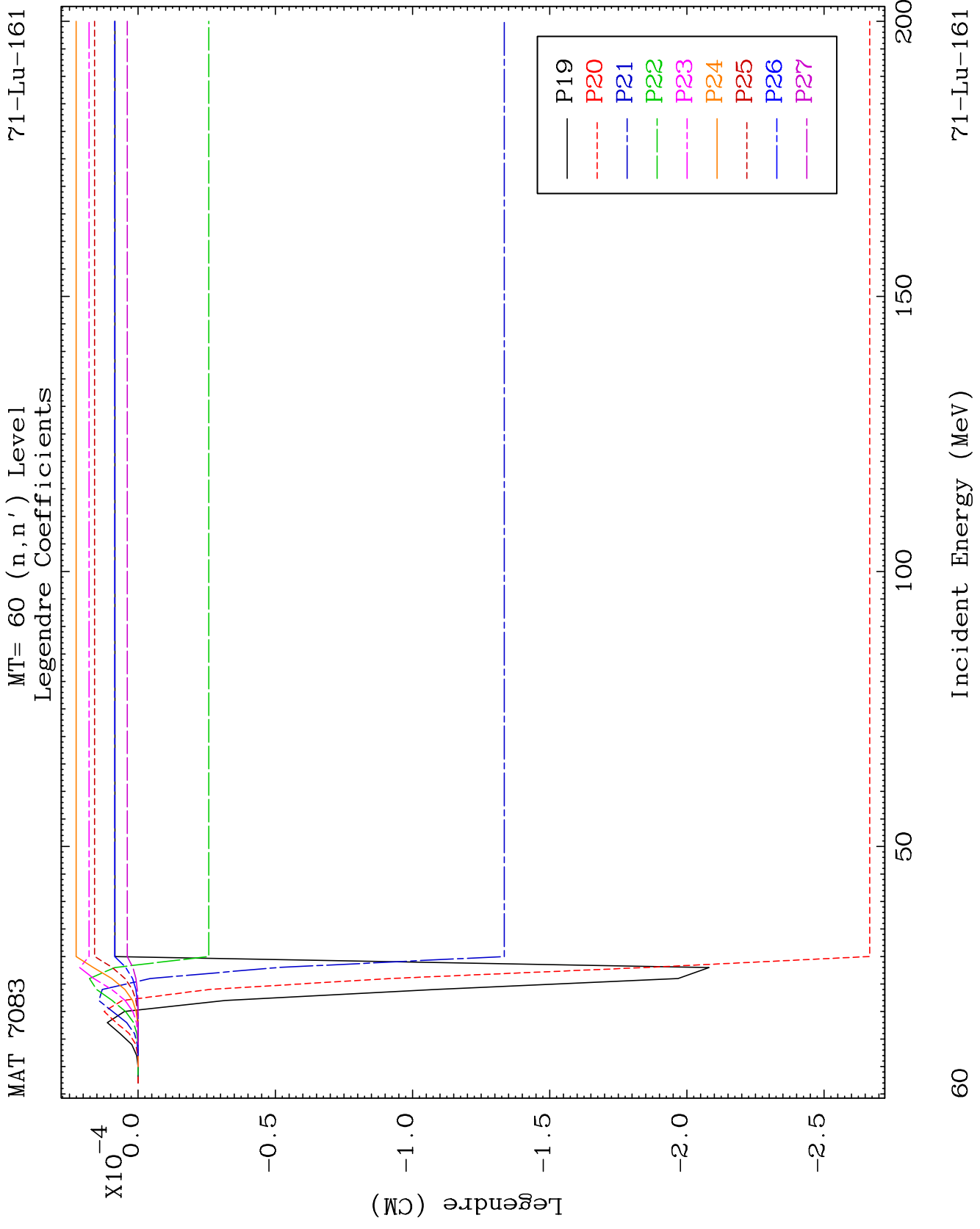
71-Lu-161



59

Incident Energy (MeV)

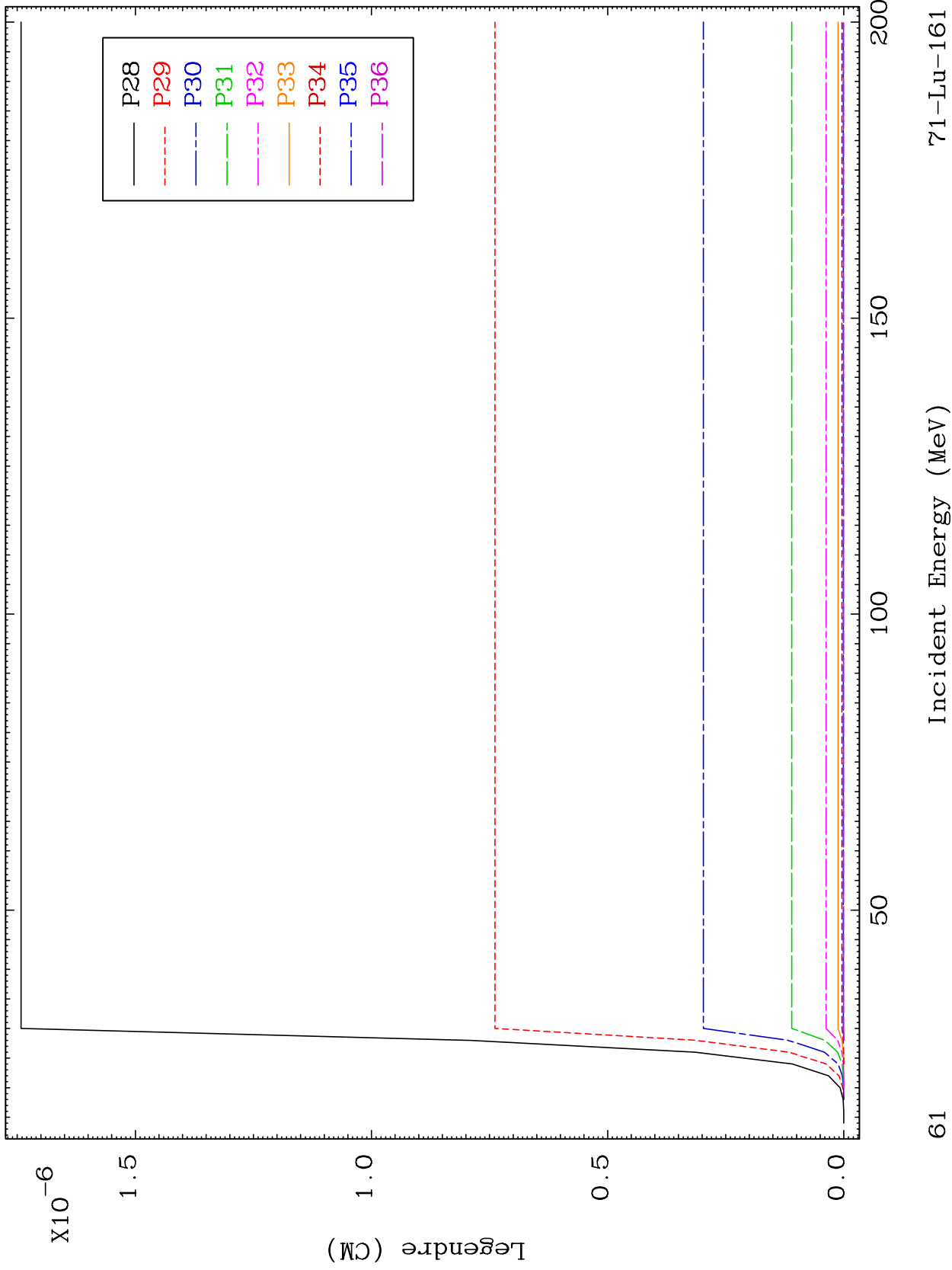
71-Lu-161



MAT 7083

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

71-Lu-161



61

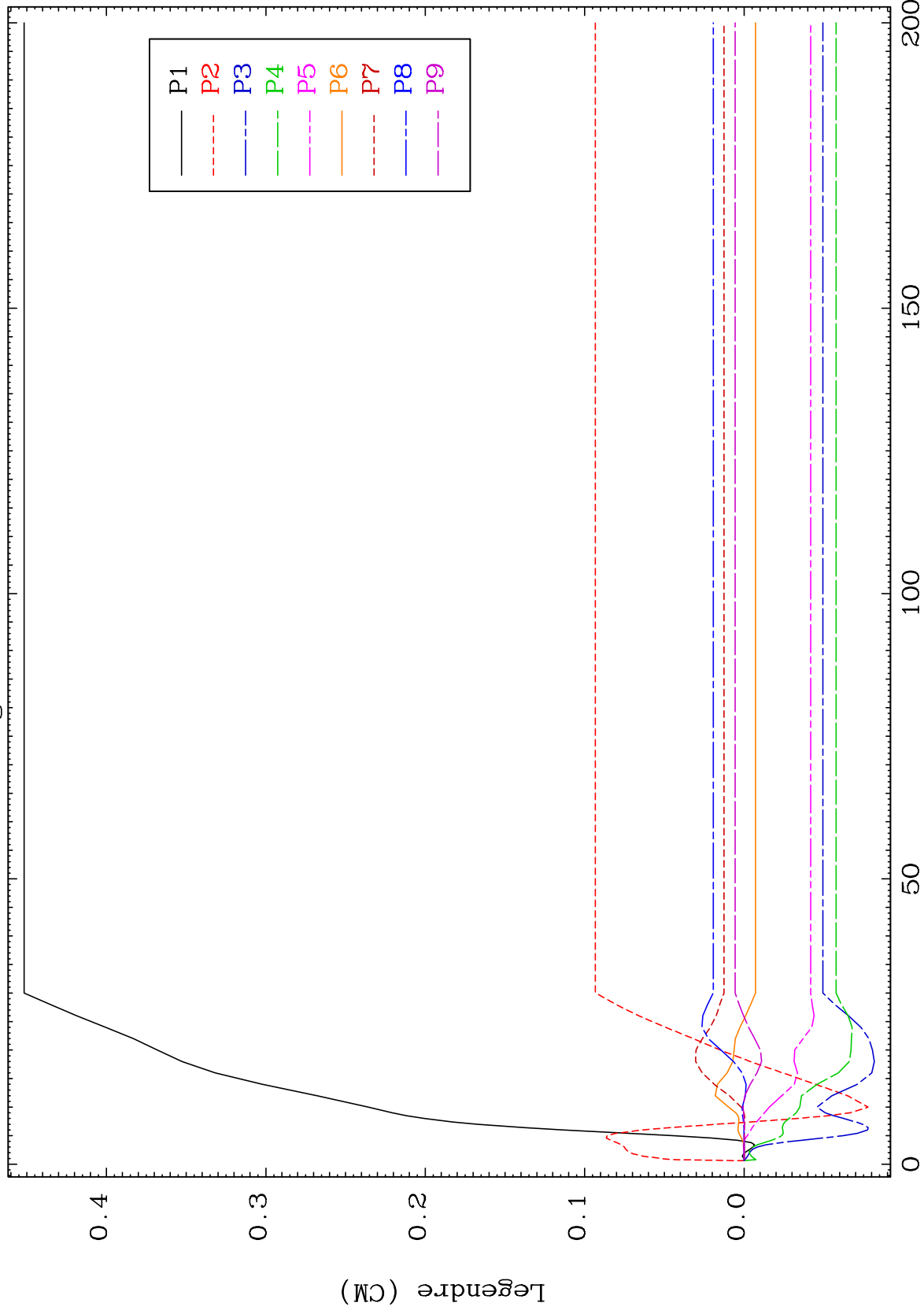
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

71-Lu-161



62

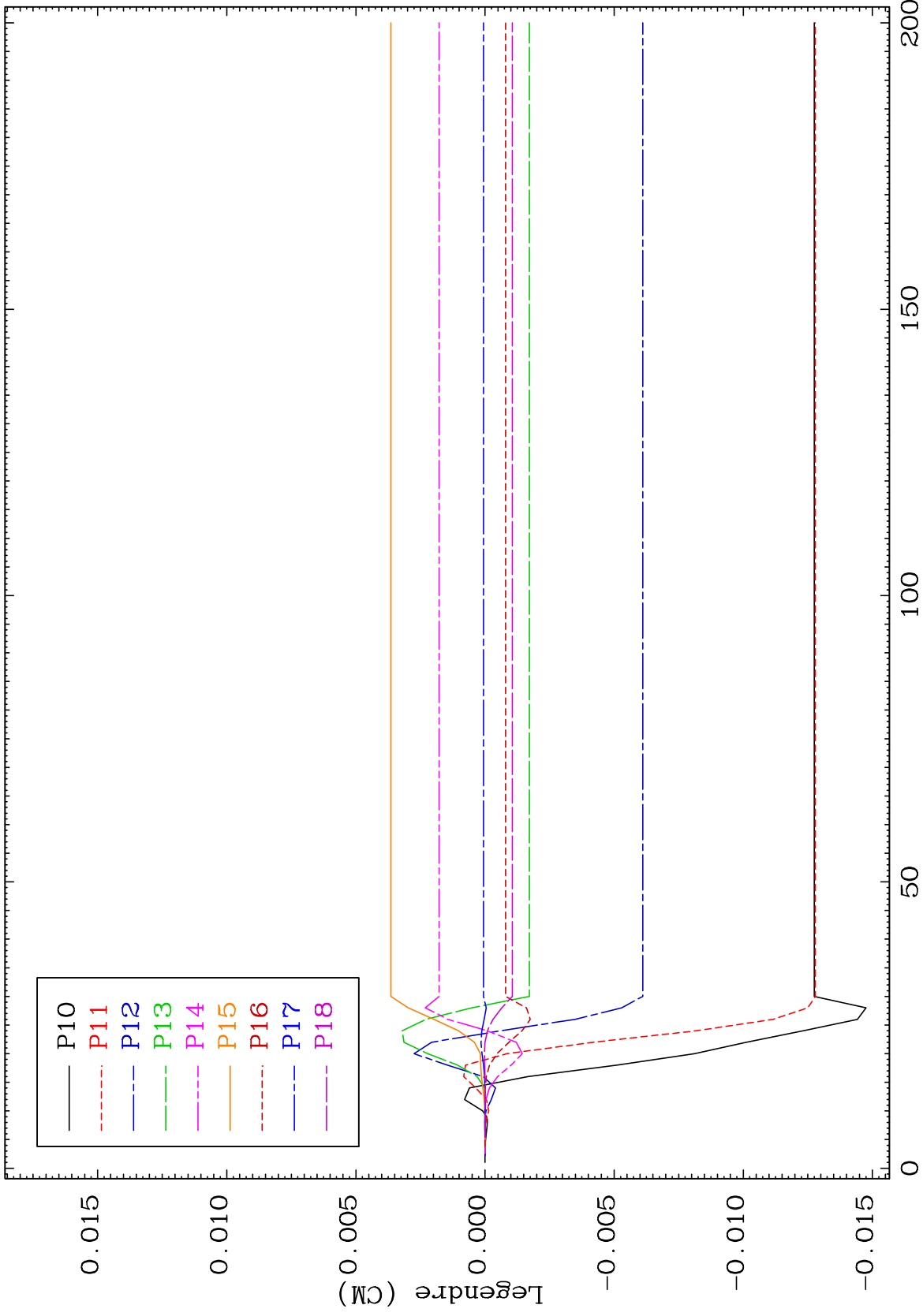
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

71-Lu-161



63

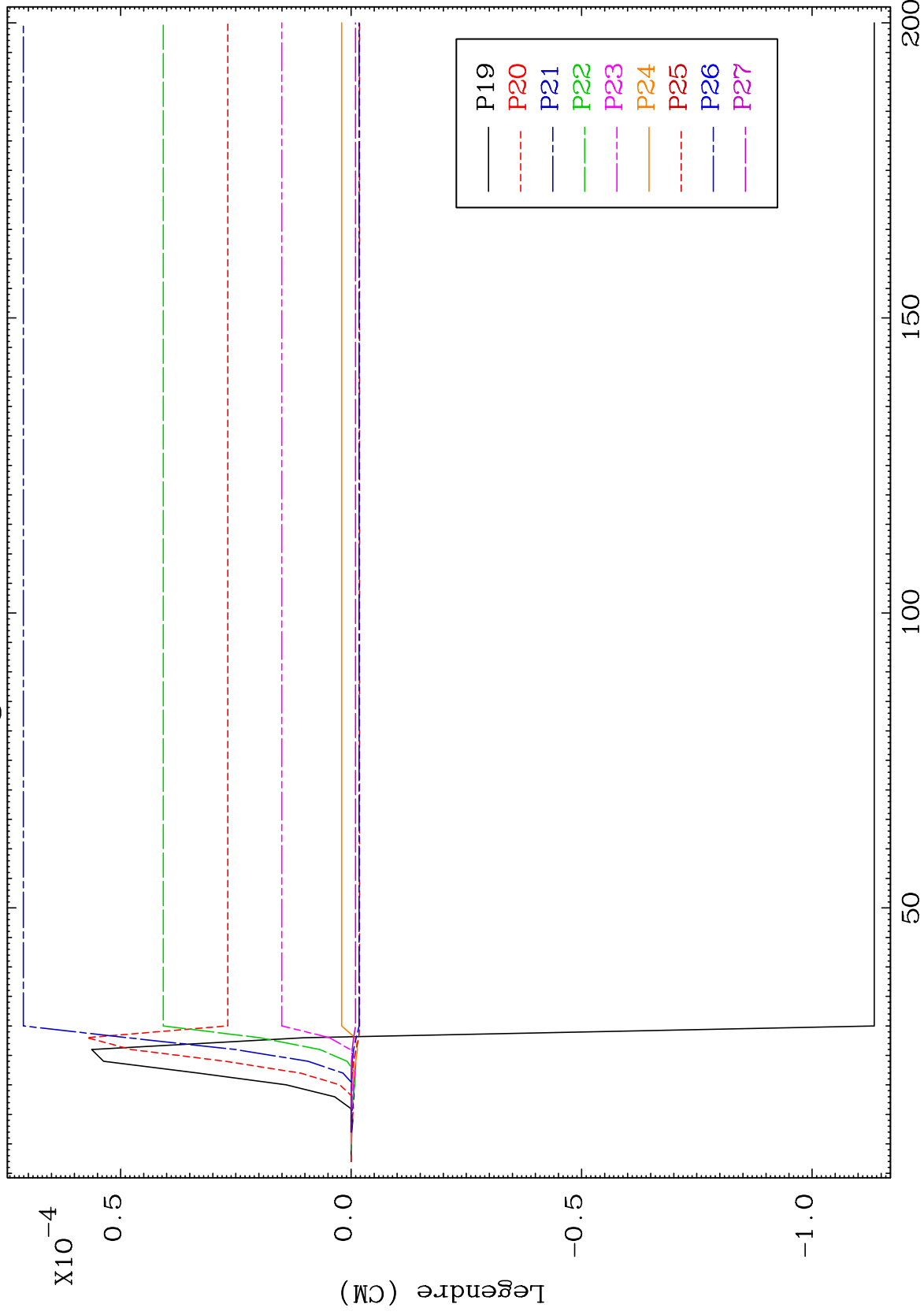
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

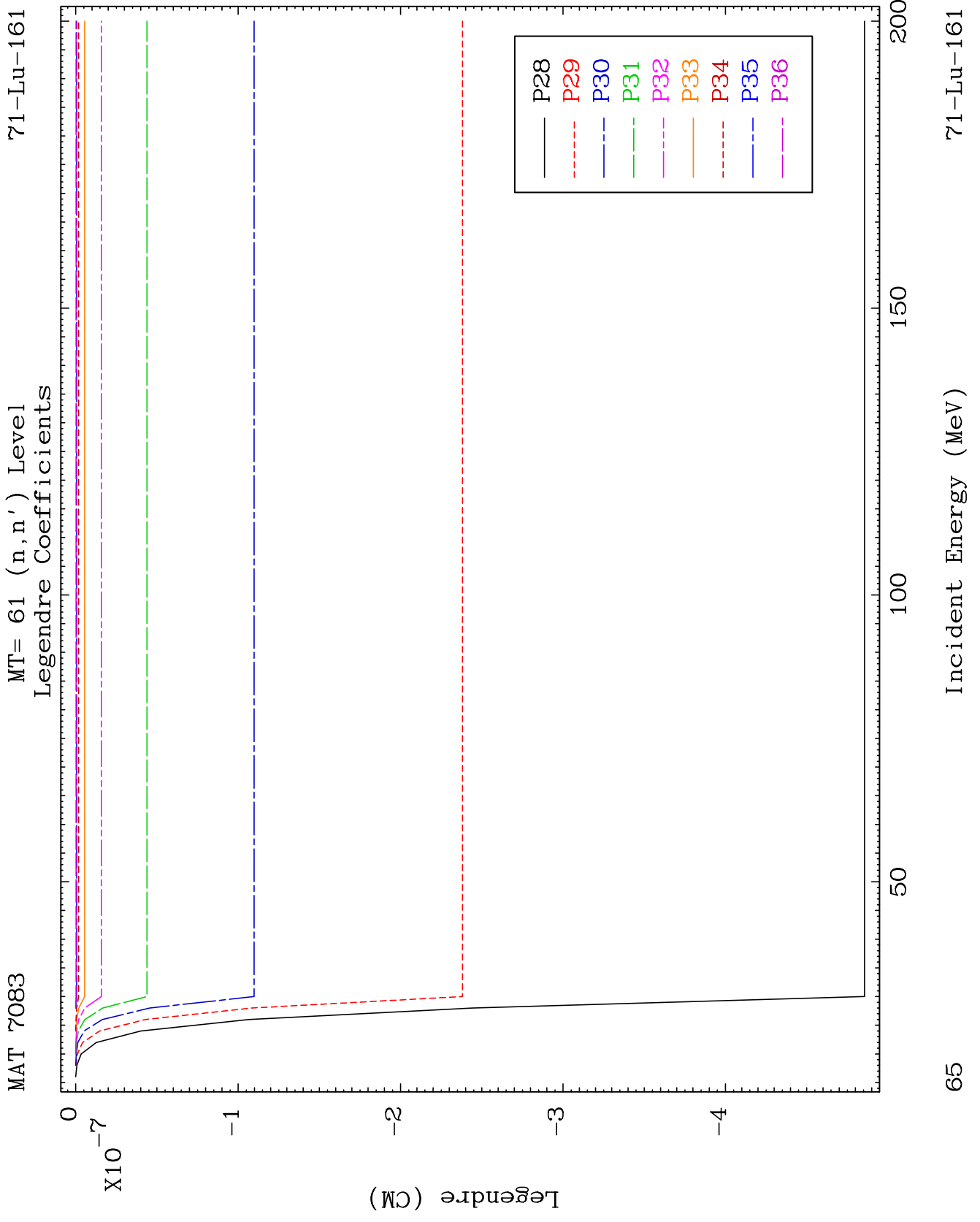
71-Lu-161



64

Incident Energy (MeV)

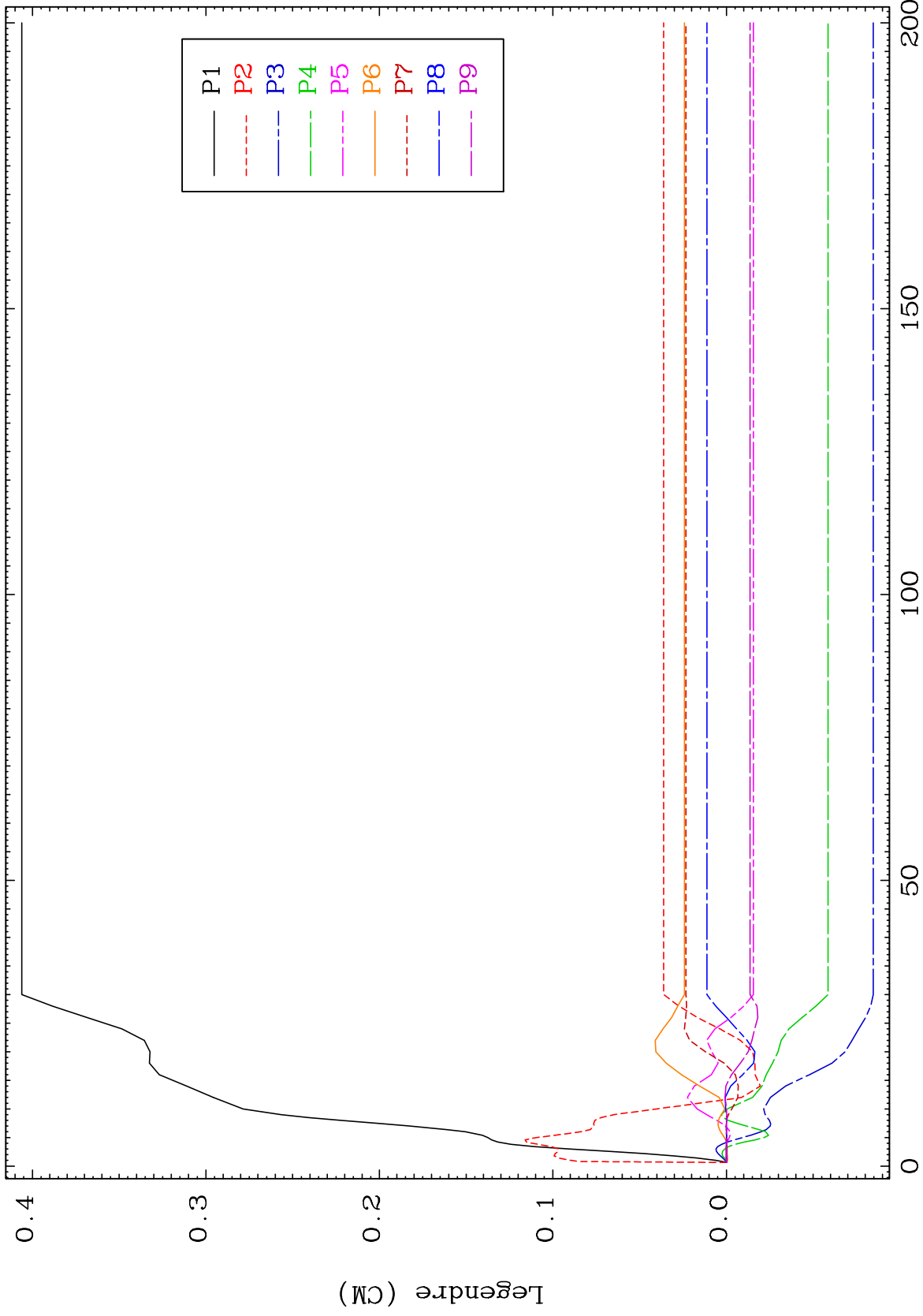
71-Lu-161



MAT 7083

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

71-Lu-161



66

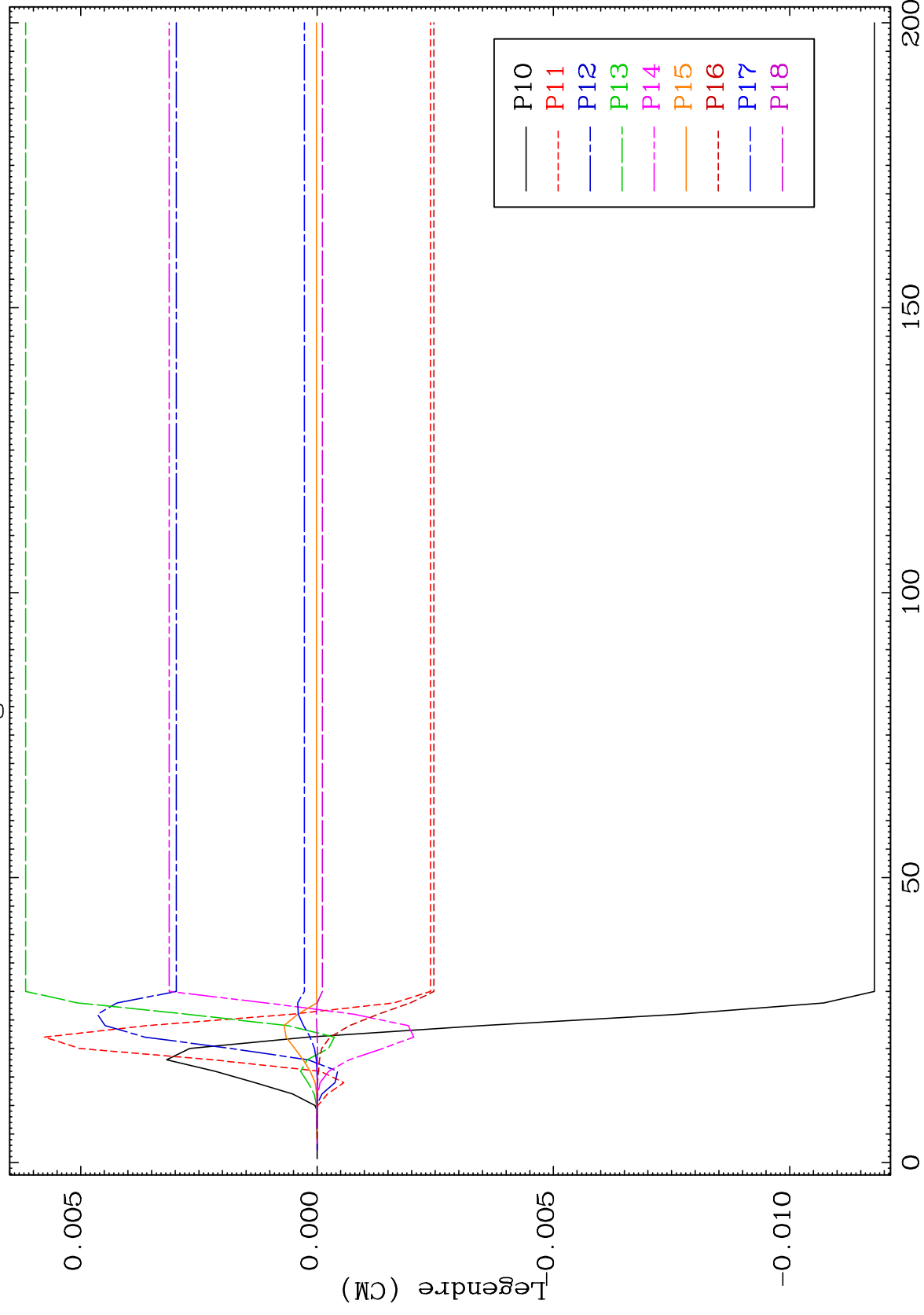
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

71-Lu-161



67

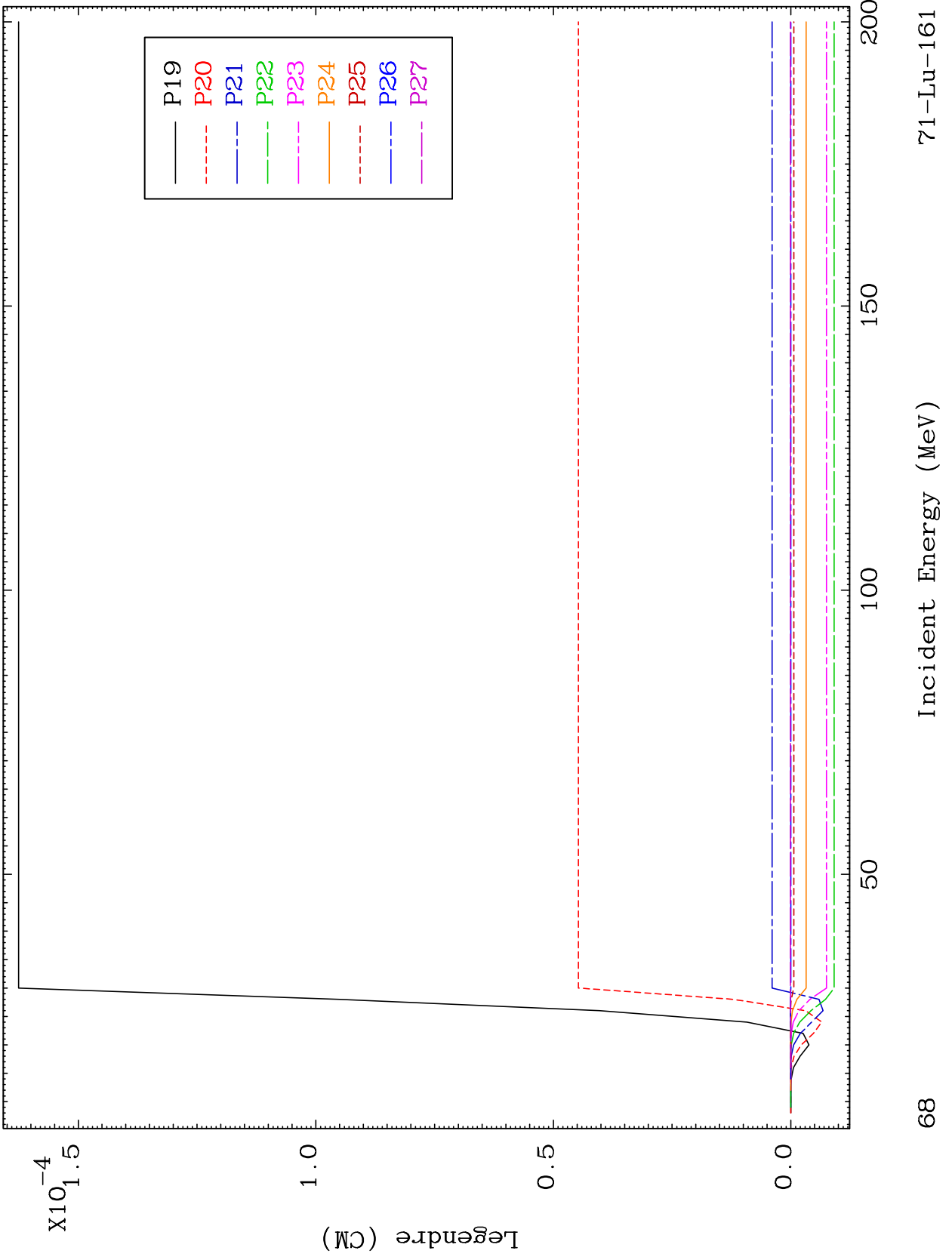
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

71-Lu-161



68

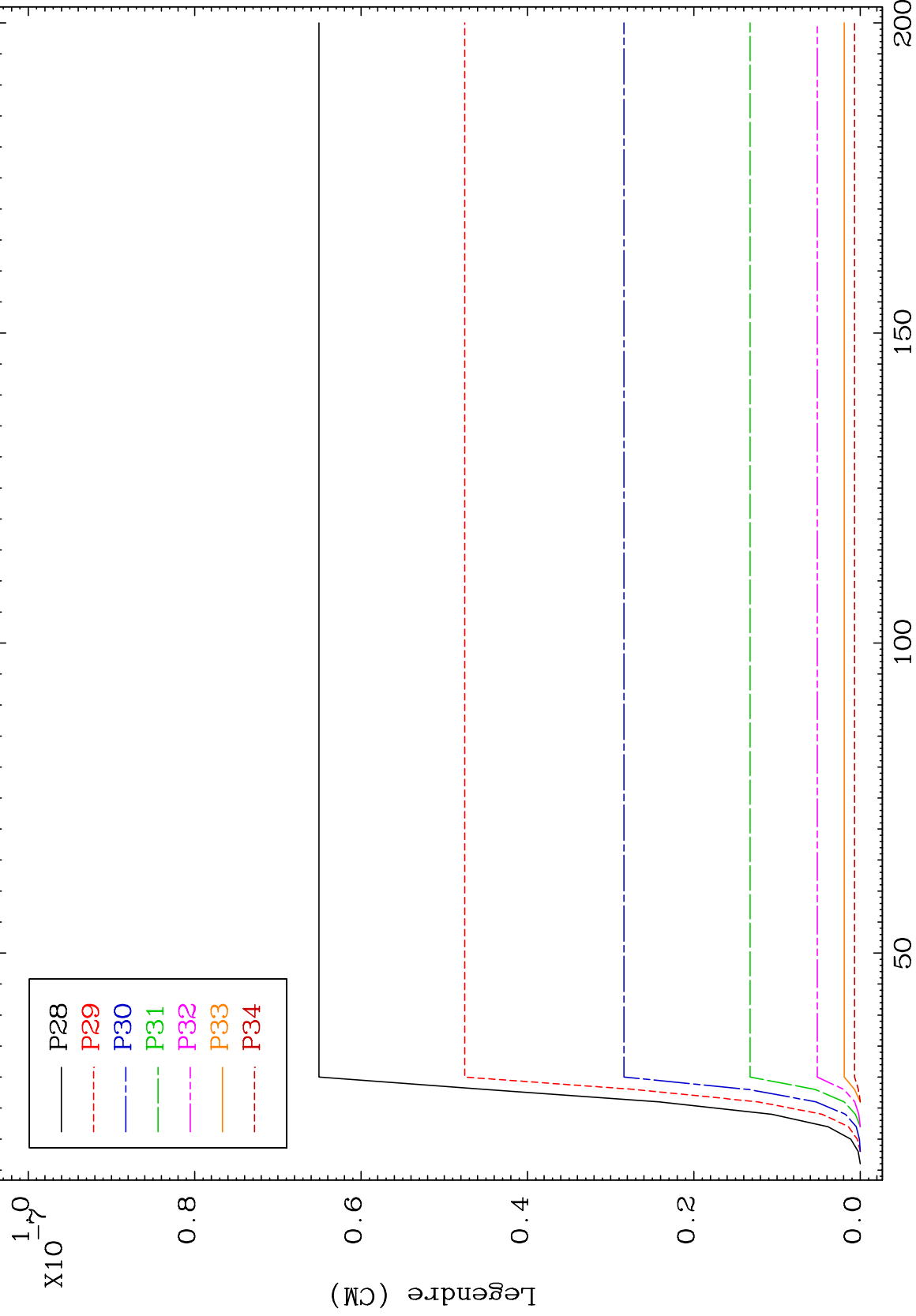
Incident Energy (MeV)

71-Lu-161

MAT 7083

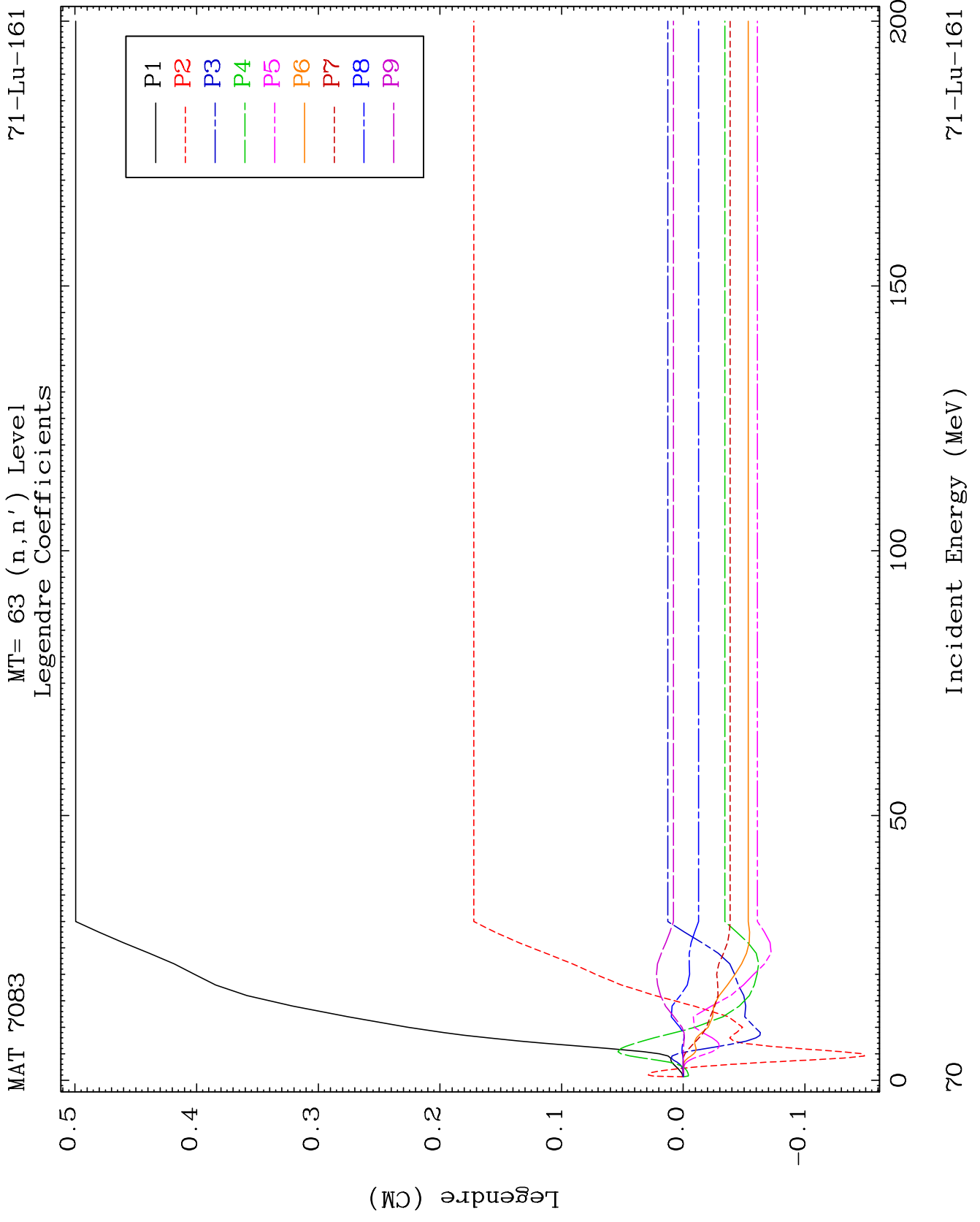
MT= 62 (n,n') Level
Legendre Coefficients

71-Lu-161



69

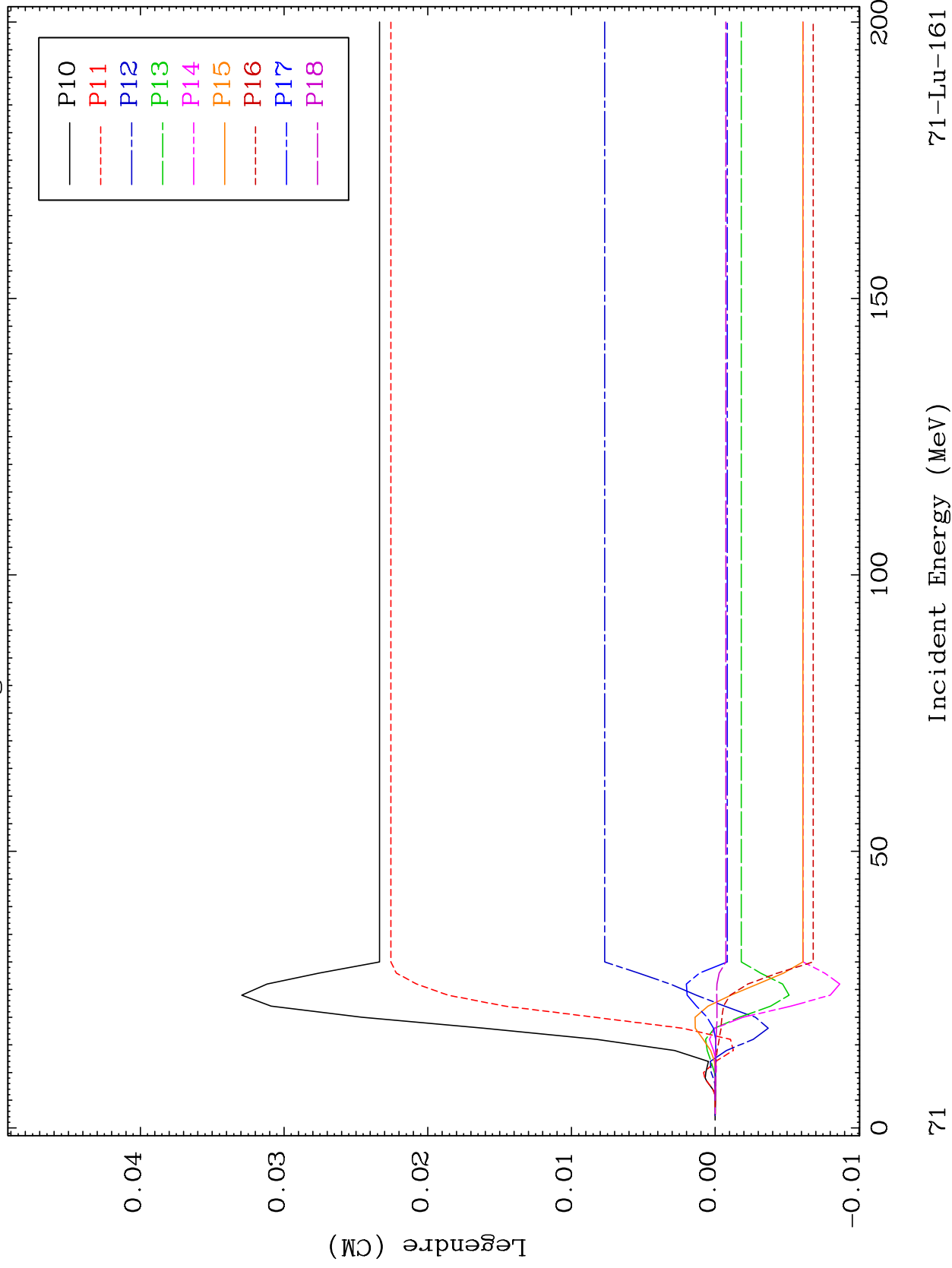
71-Lu-161



MAT 7083

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

71-Lu-161



71

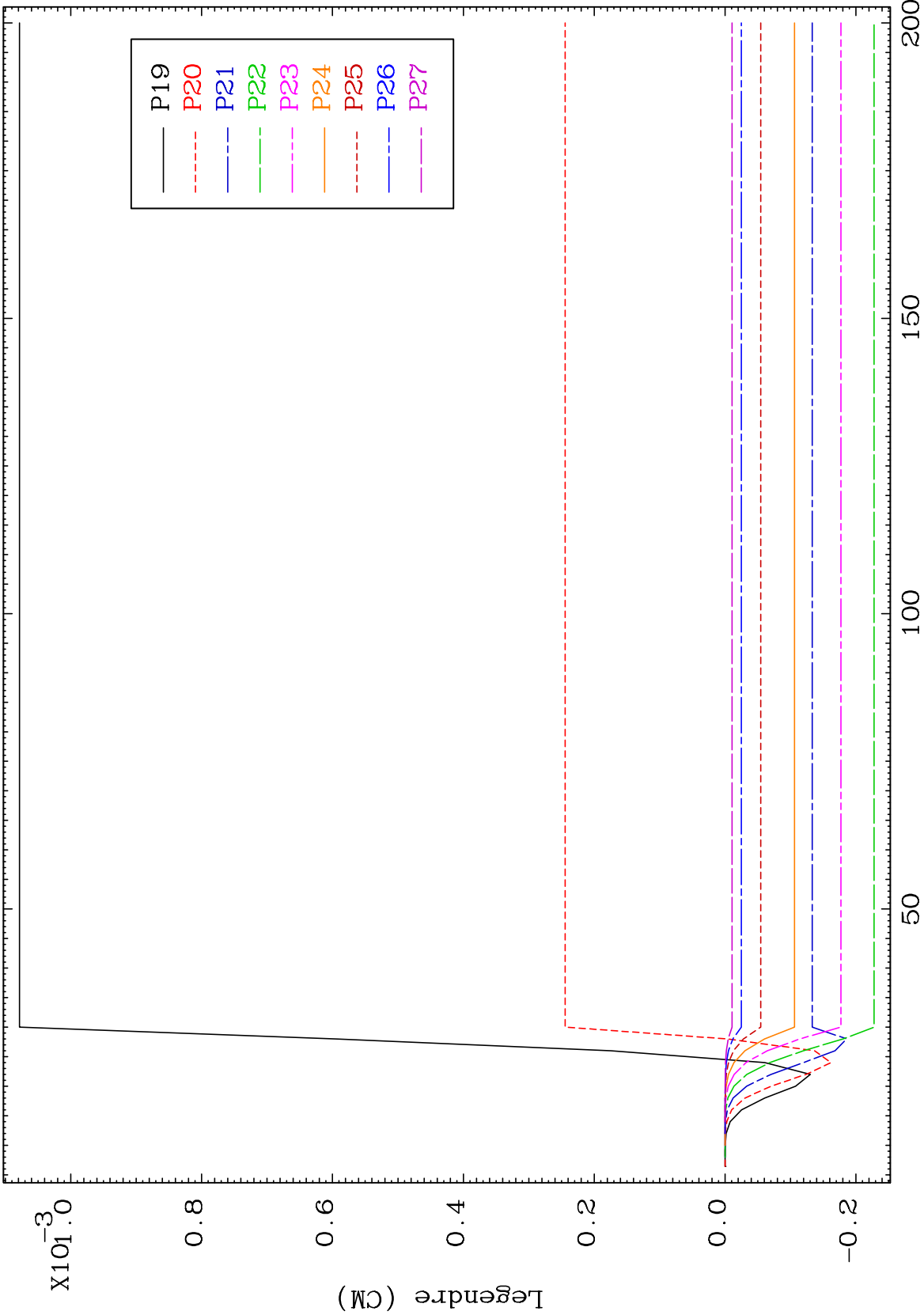
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

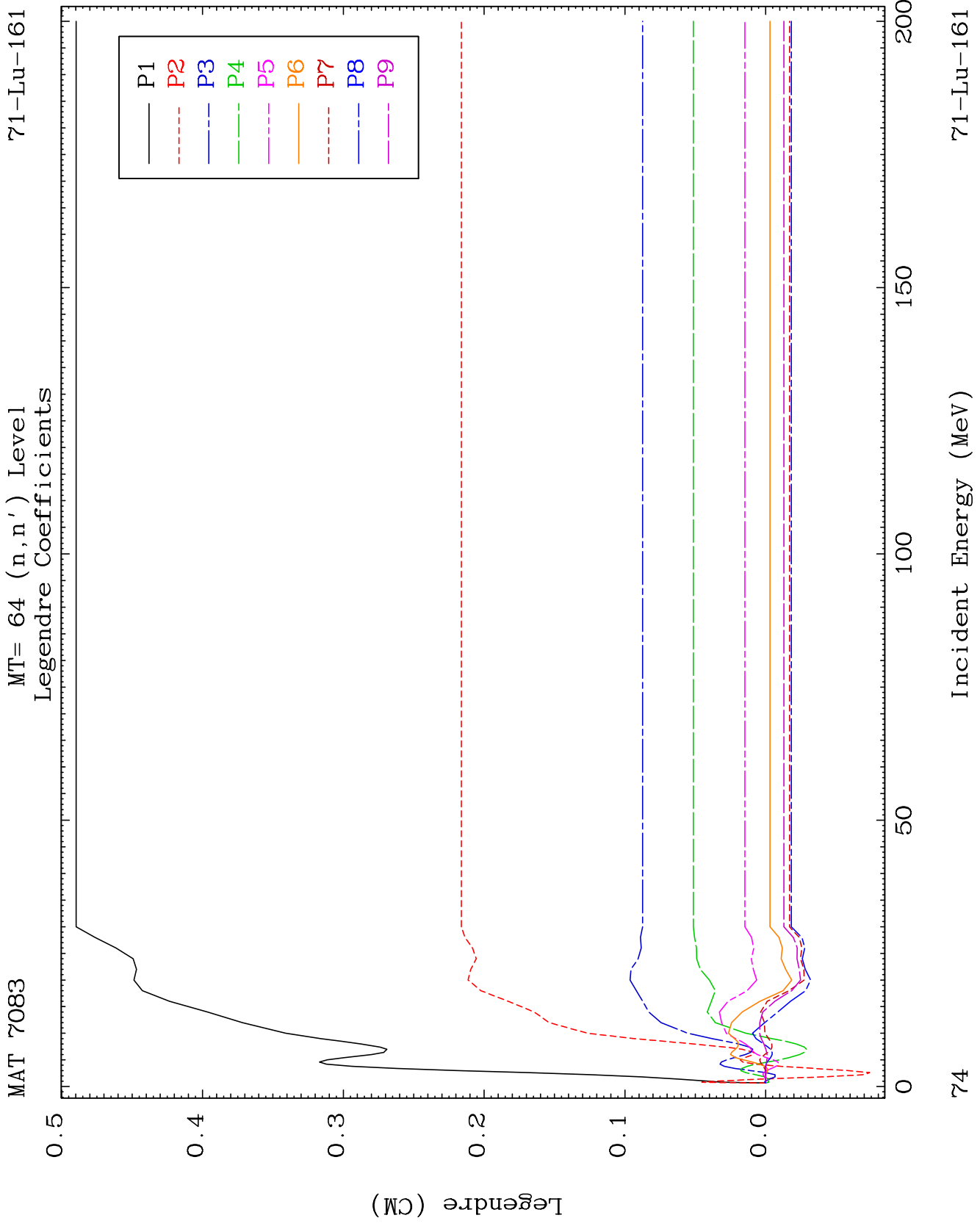
71-Lu-161

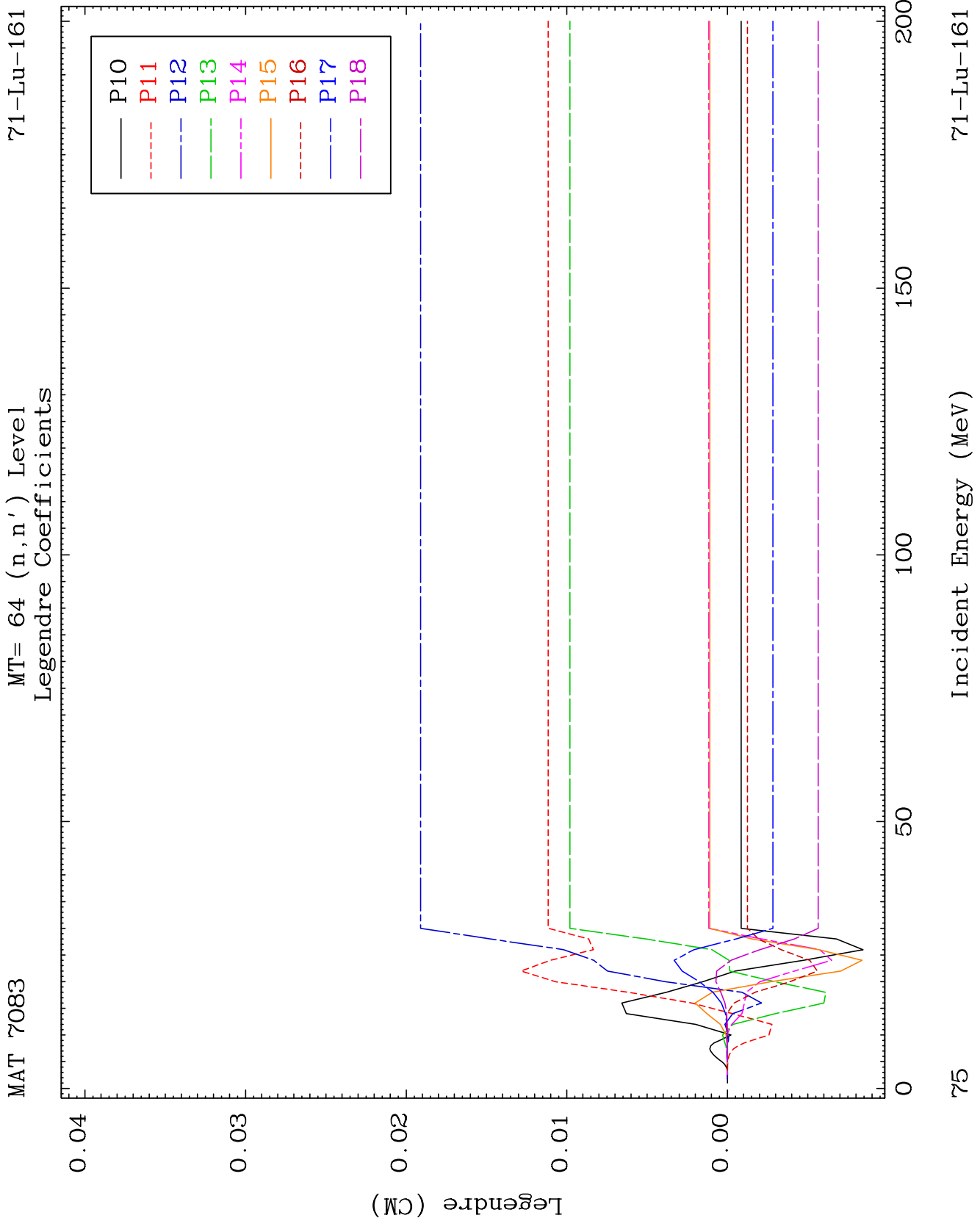


72

Incident Energy (MeV)

71-Lu-161

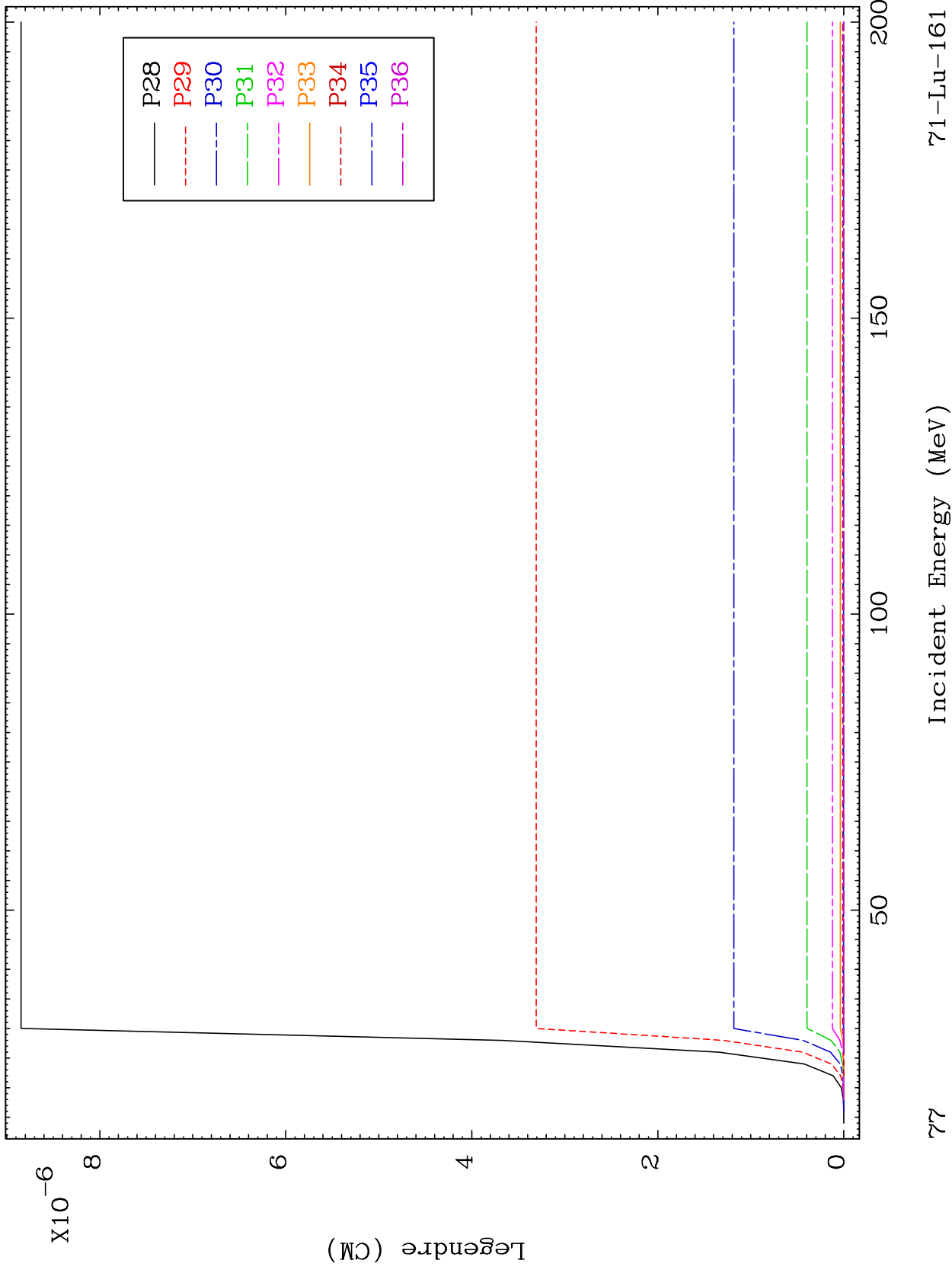




MAT 7083

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

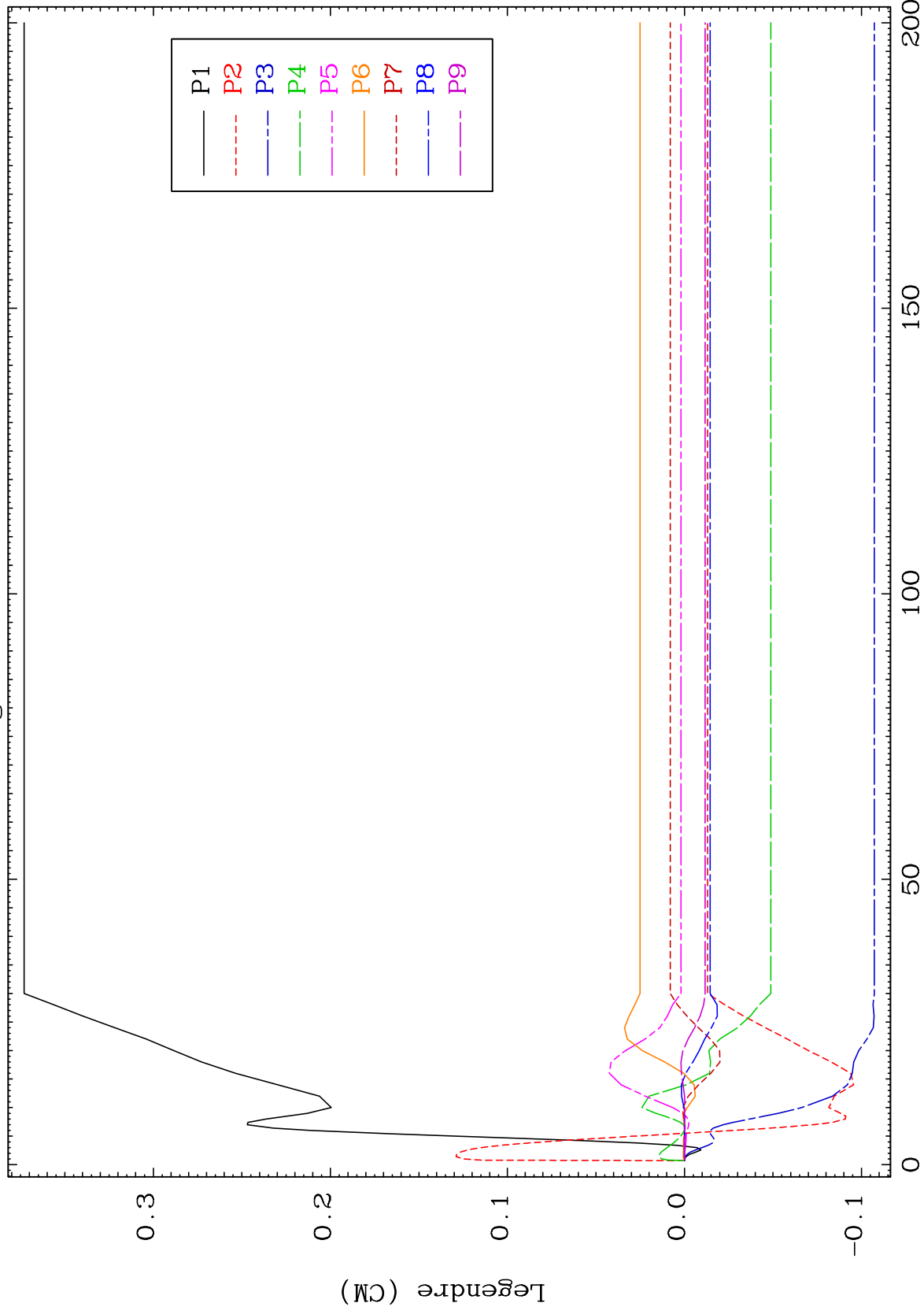
71-Lu-161



MAT 7083

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

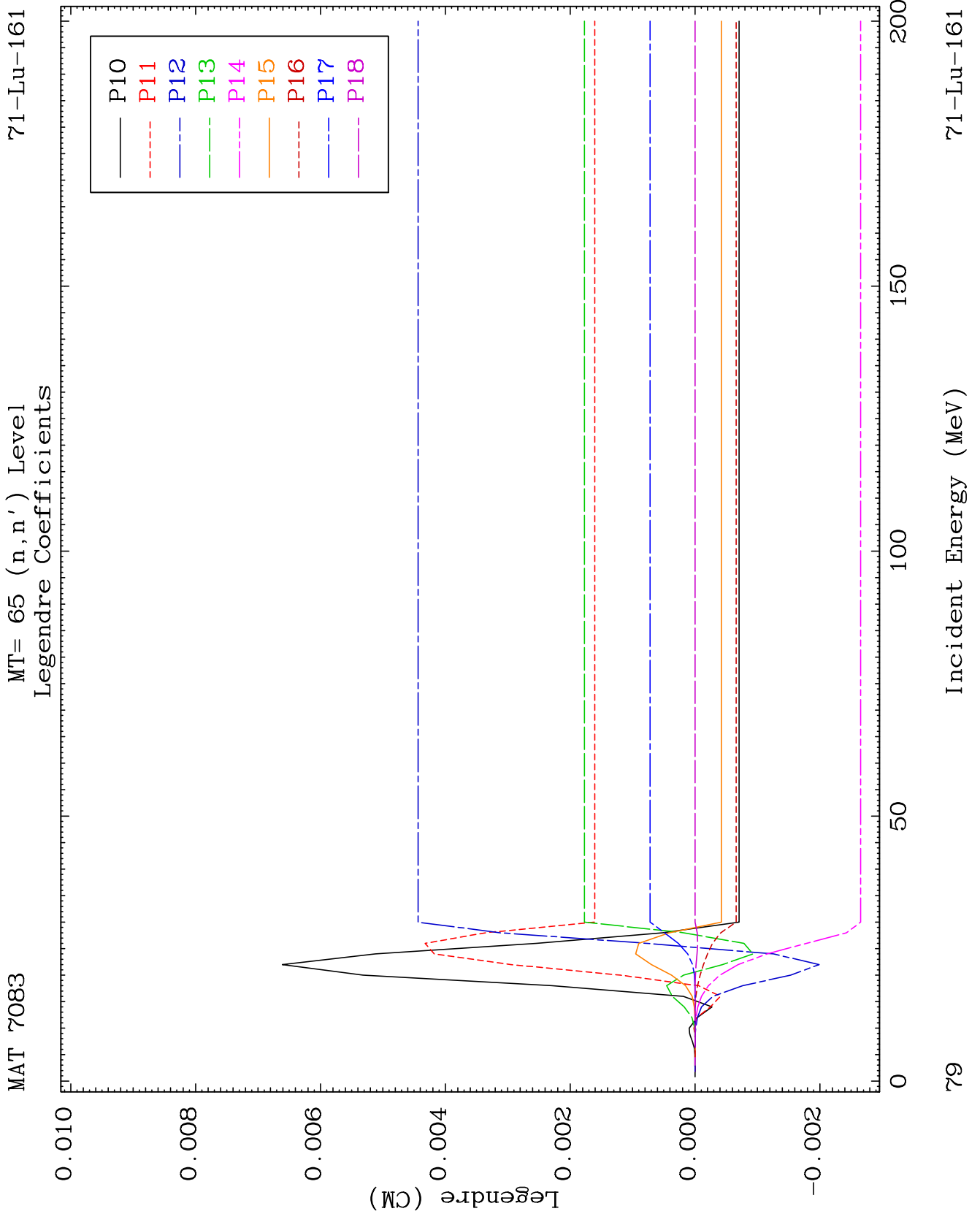
71-Lu-161



71-Lu-161

Incident Energy (MeV)

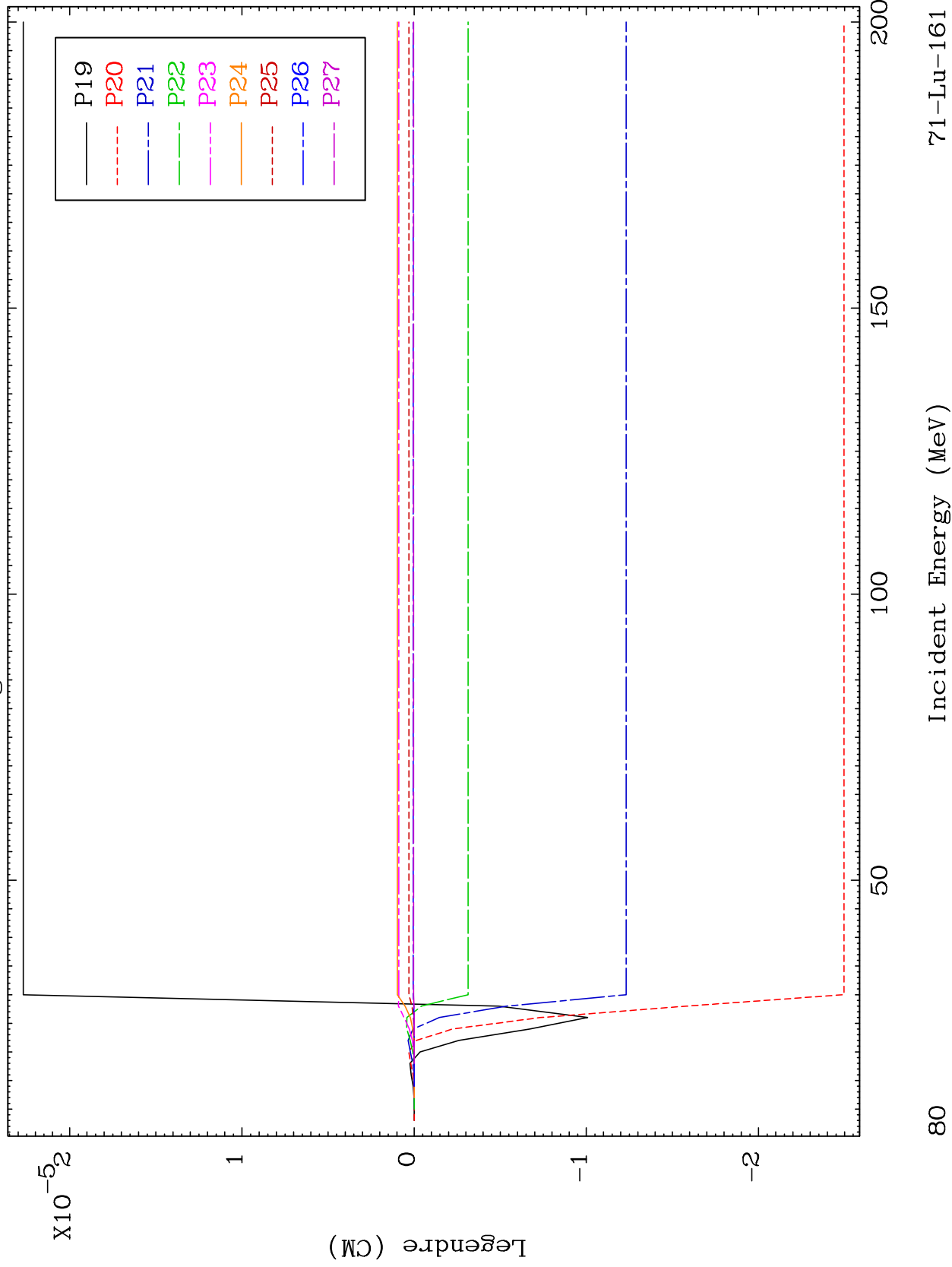
78



MAT 7083

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

71-Lu-161



80

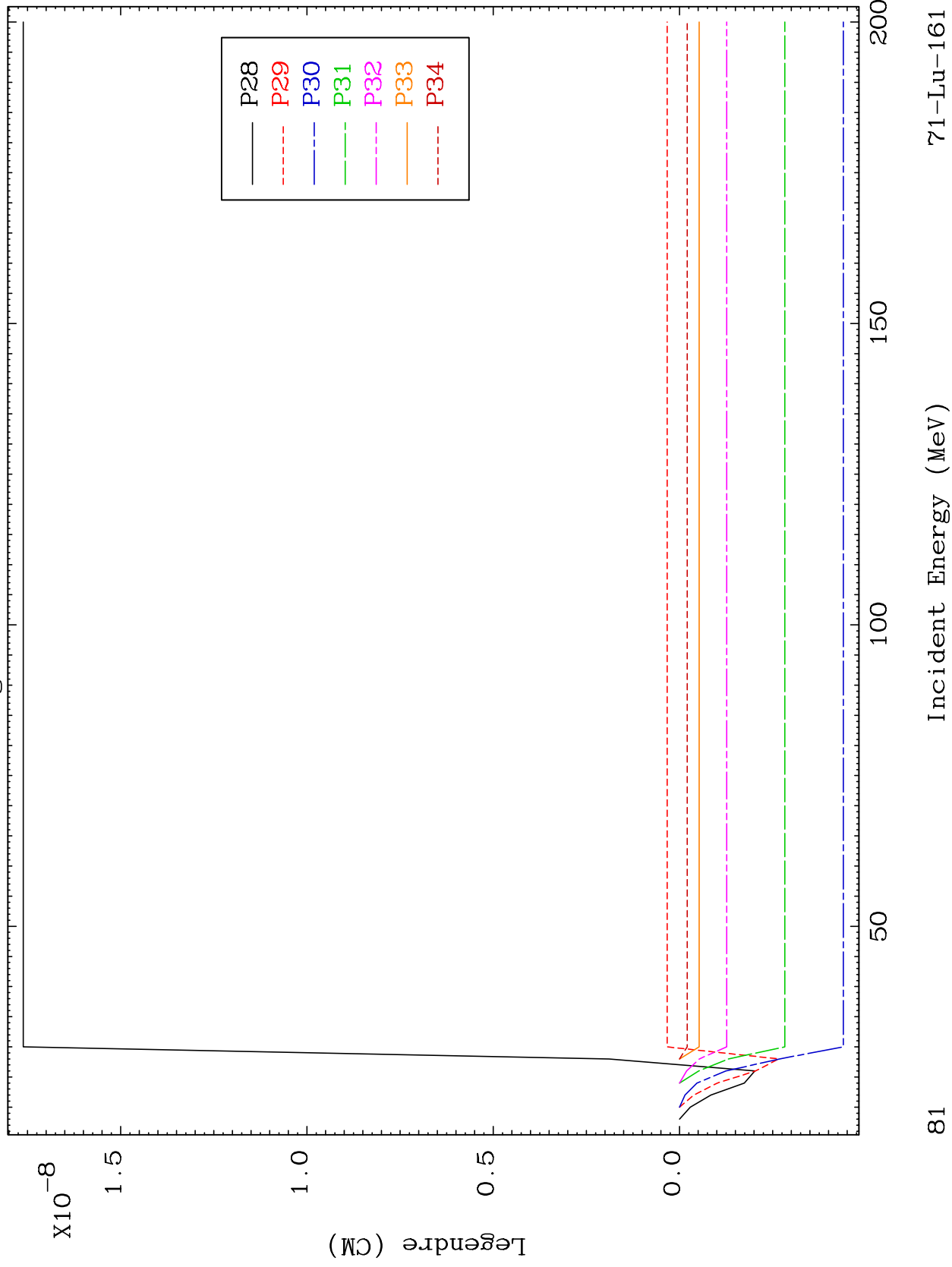
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

71-Lu-161

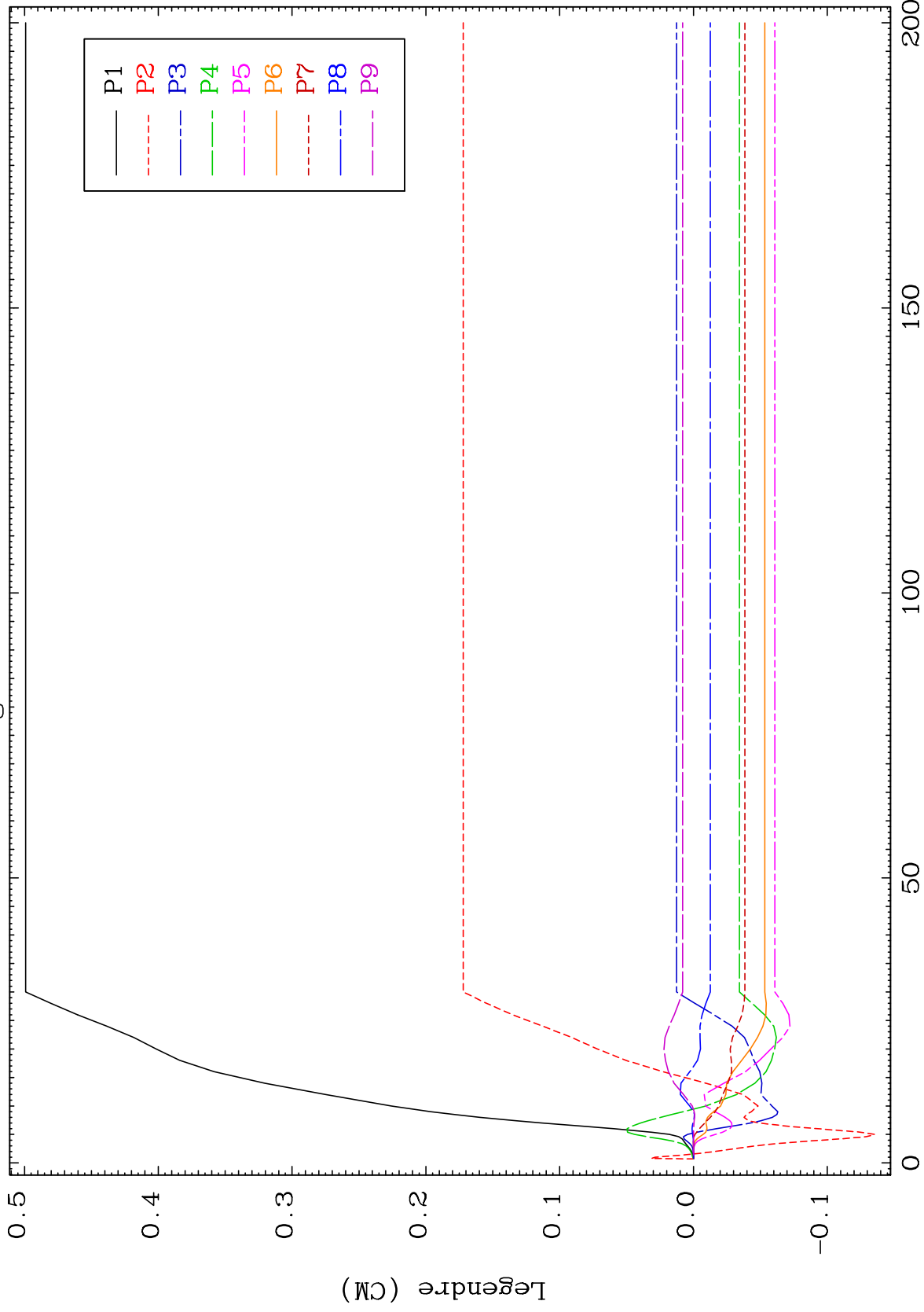


MAT 7083

MT= 66 (n,n') Level

71-Lu-161

Legendre Coefficients



82

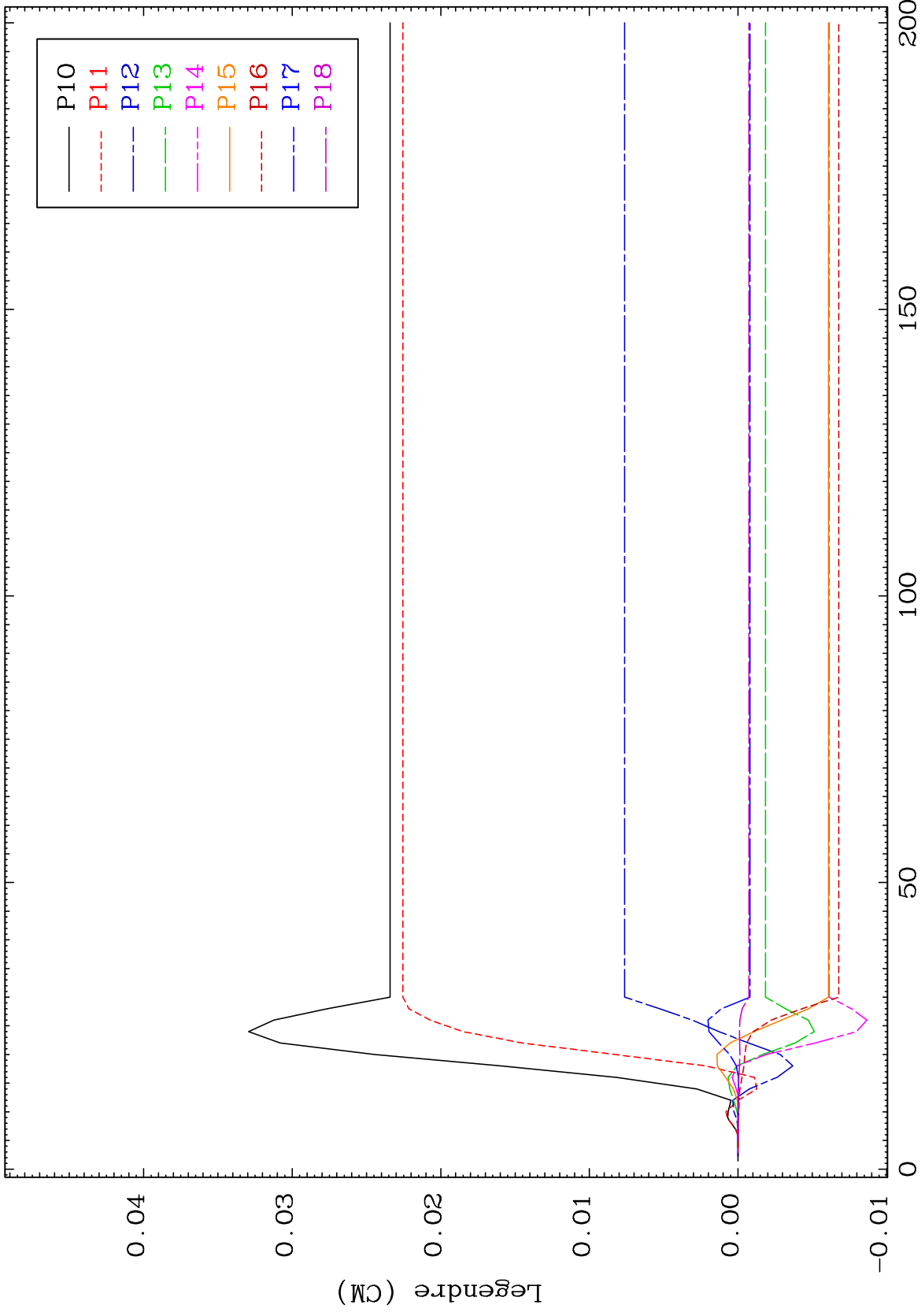
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

71-Lu-161



83

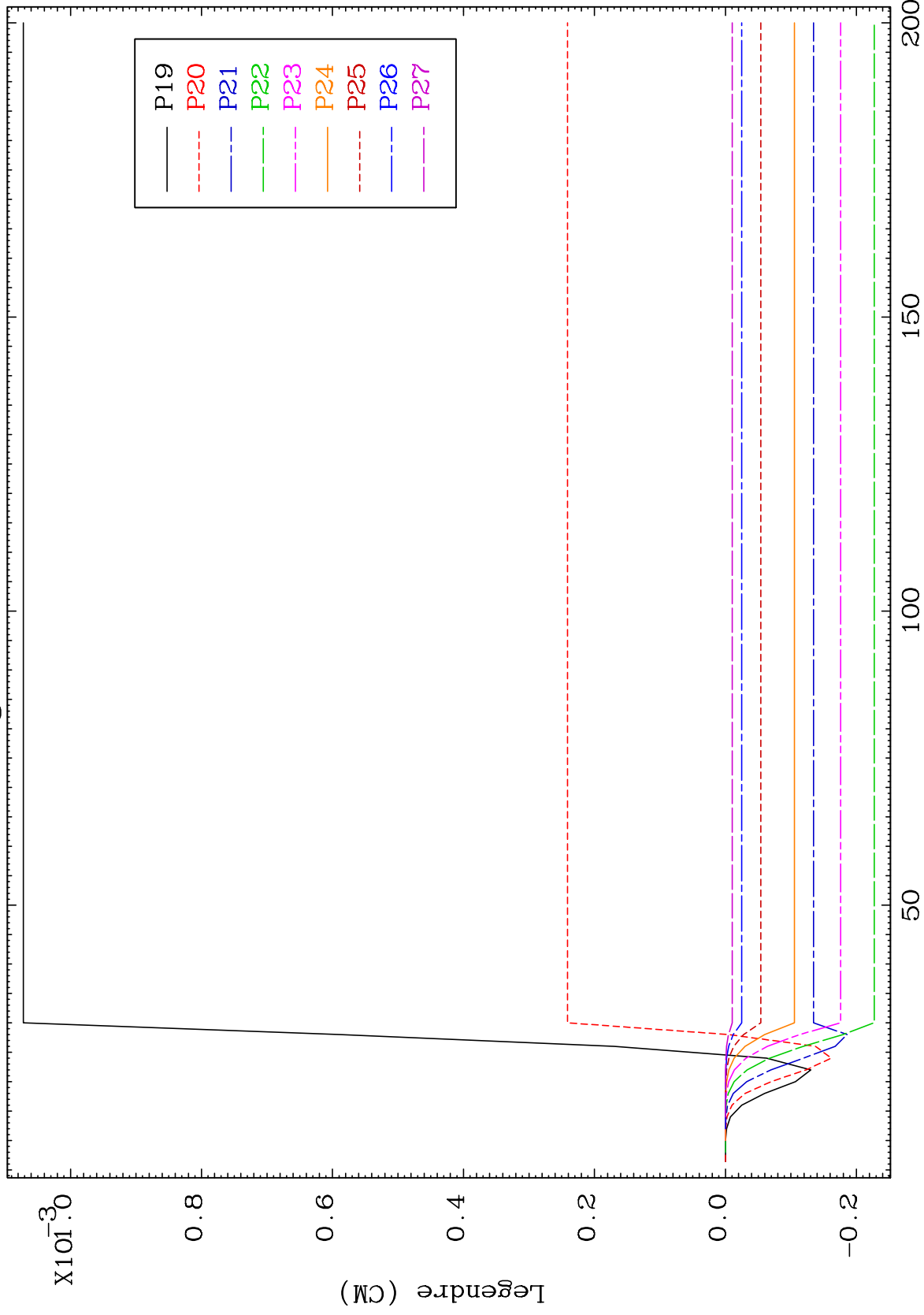
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

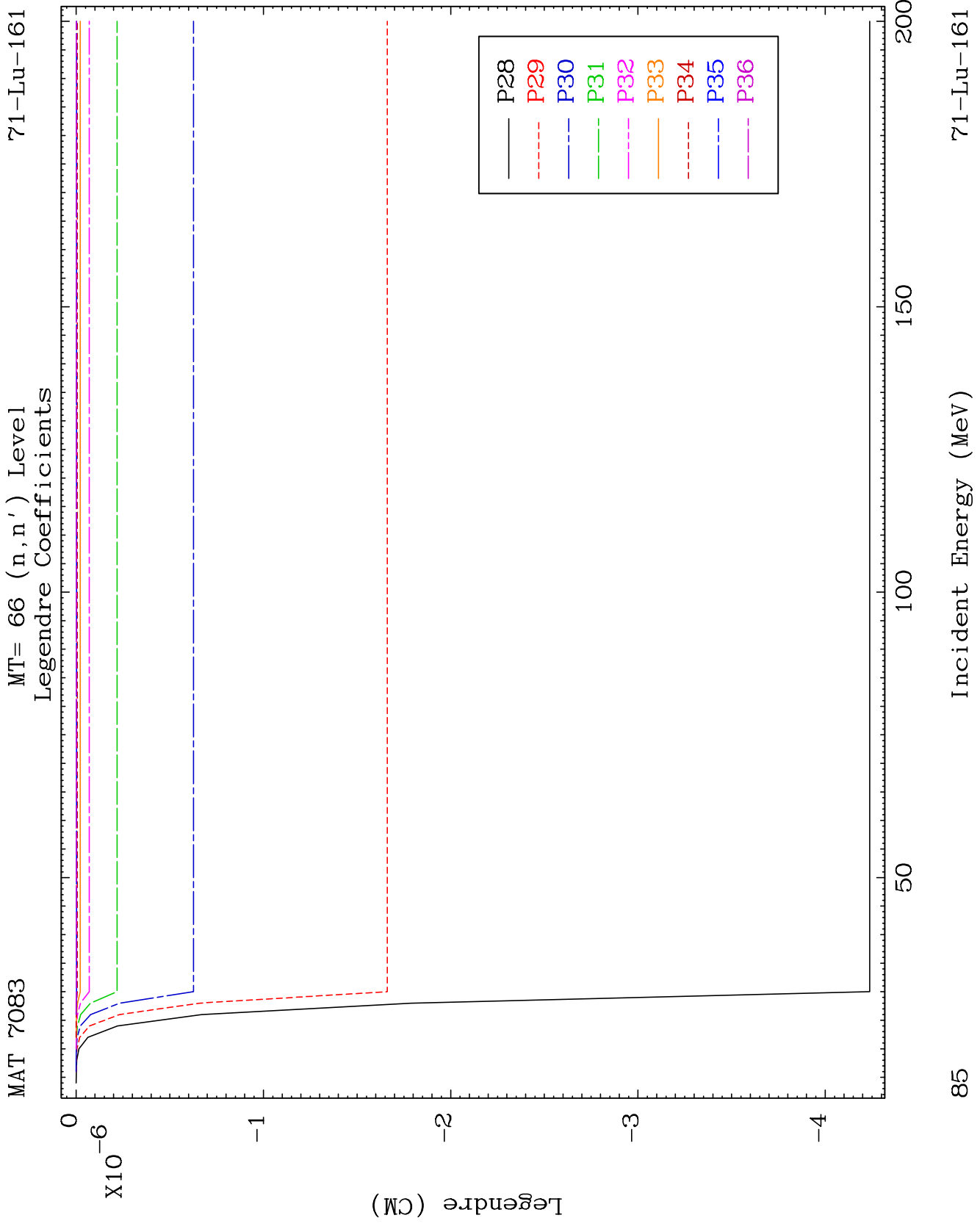
71-Lu-161

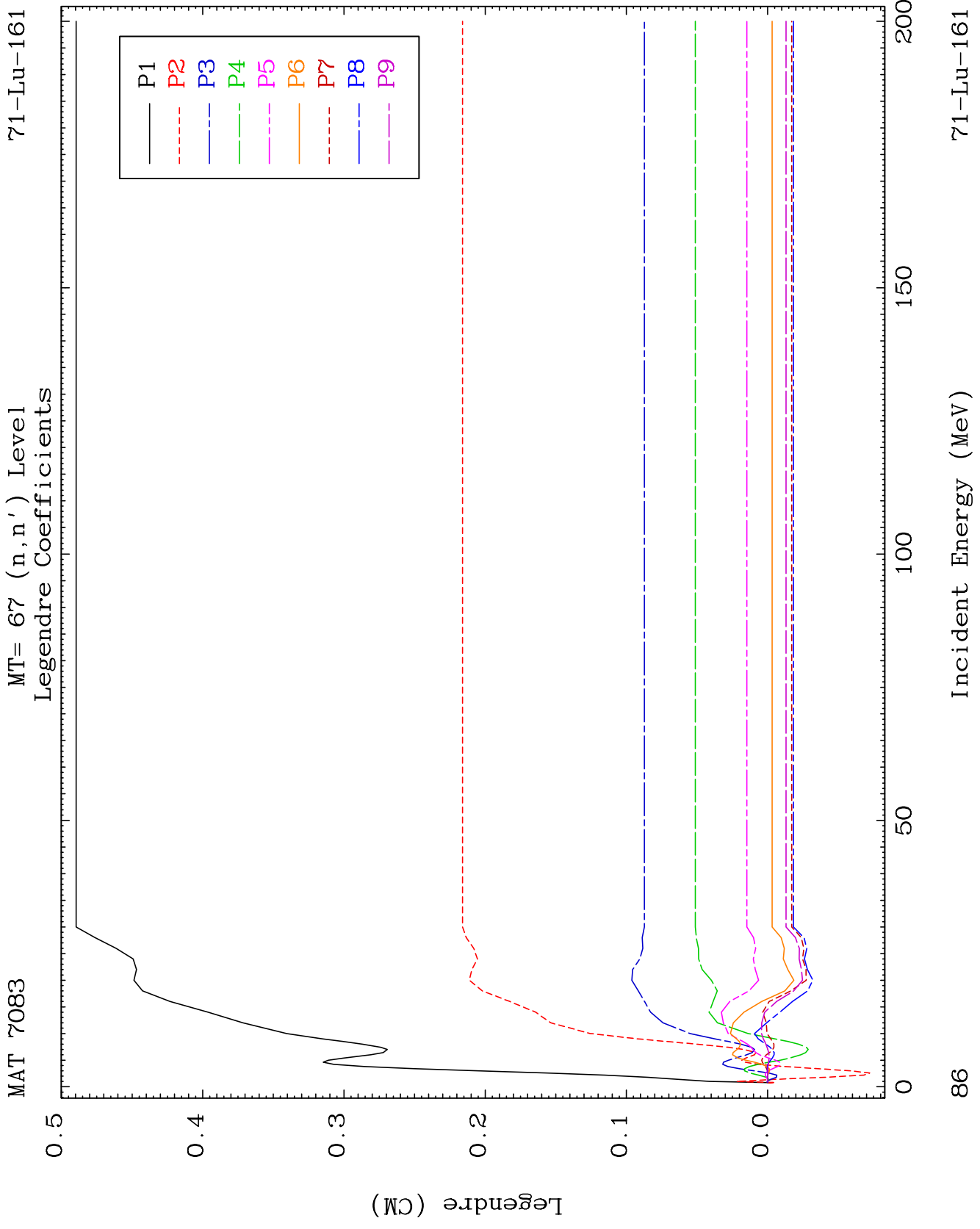


84

Incident Energy (MeV)

71-Lu-161

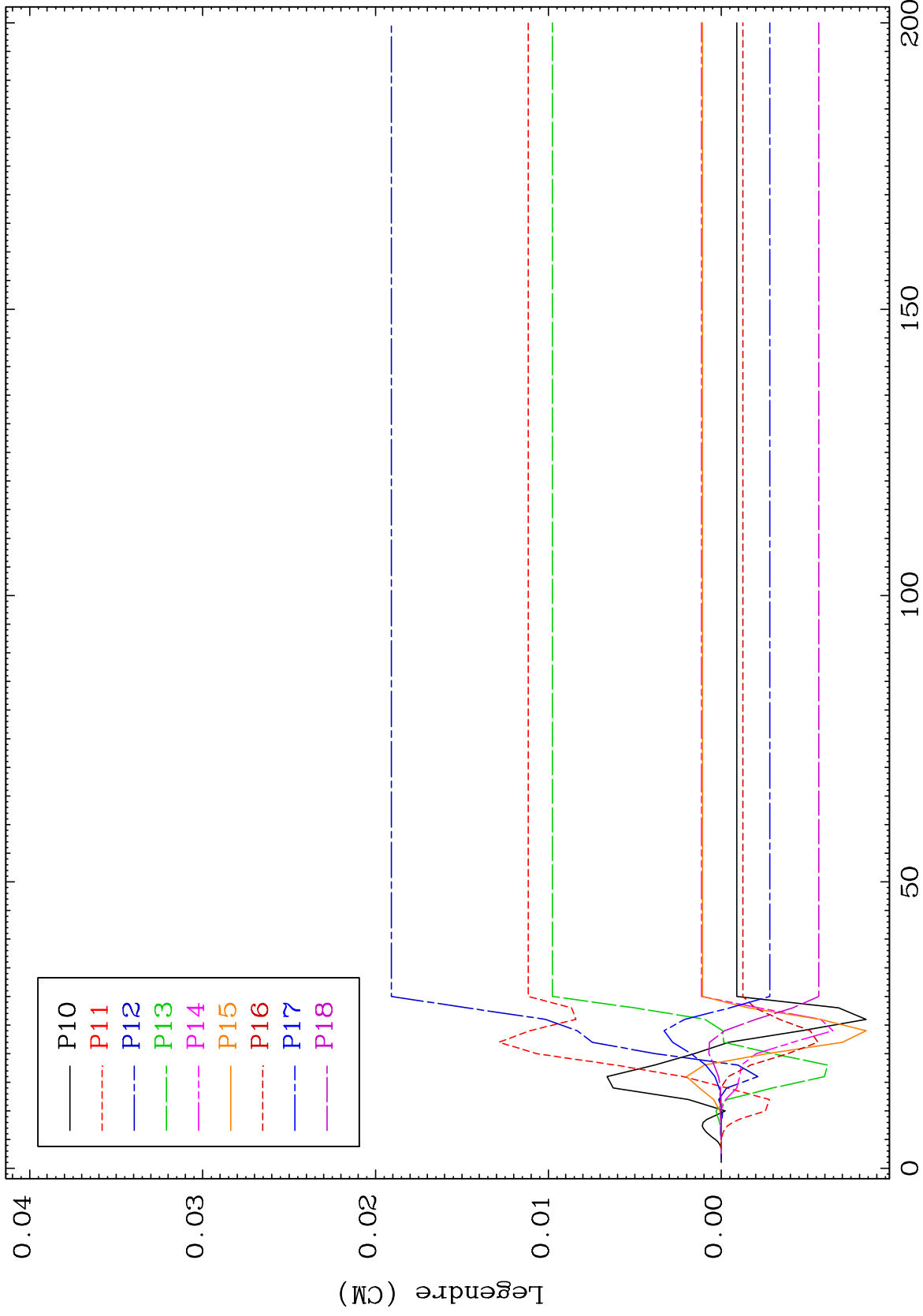




MAT 7083

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

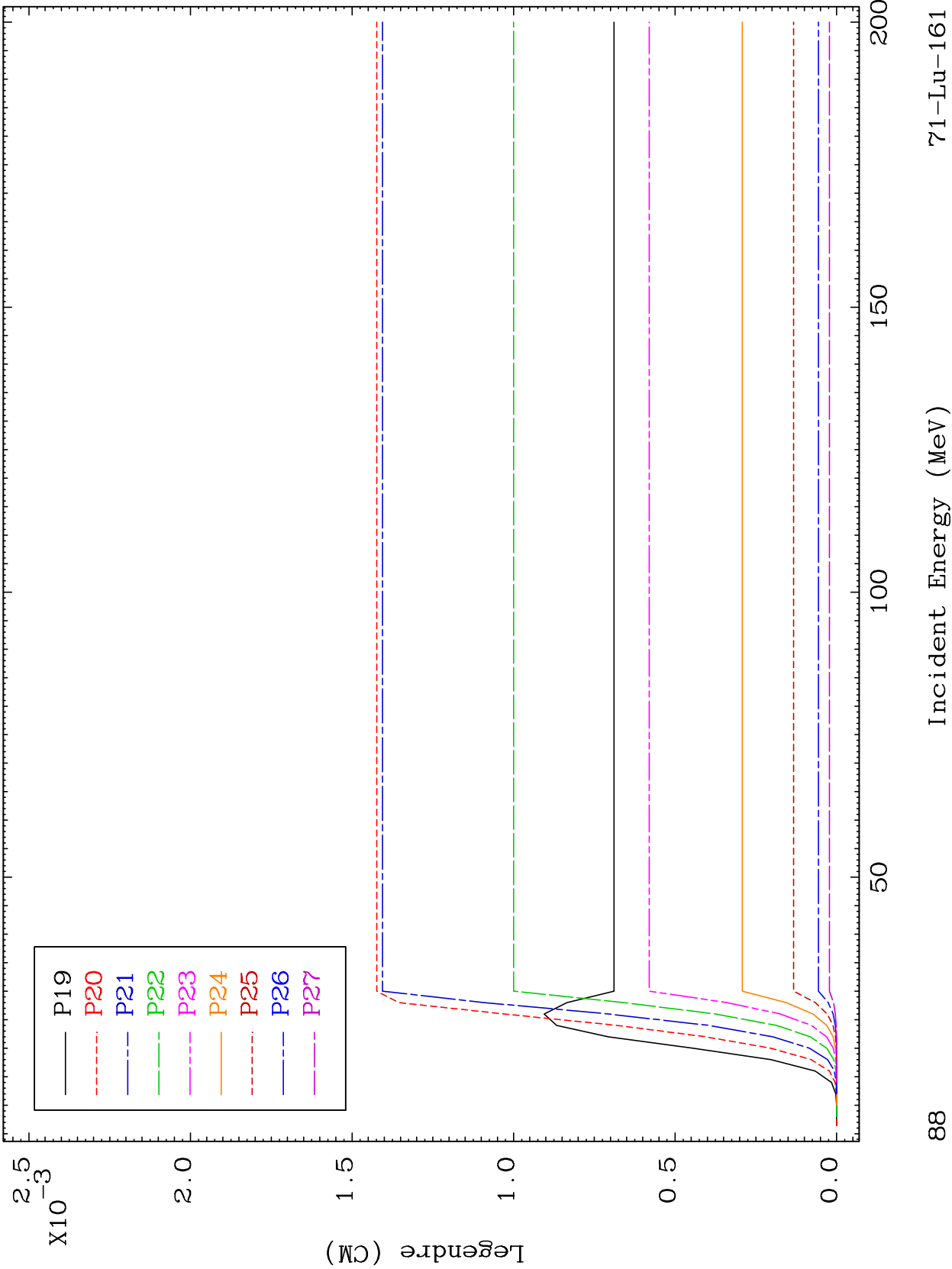
71-Lu-161



87

Incident Energy (MeV)

71-Lu-161

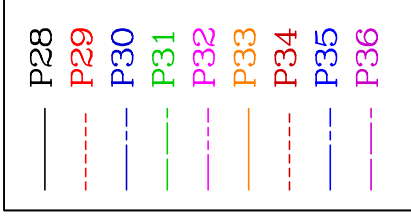


MAT 7083

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

71-Lu-161

$\times 10^{-6}$

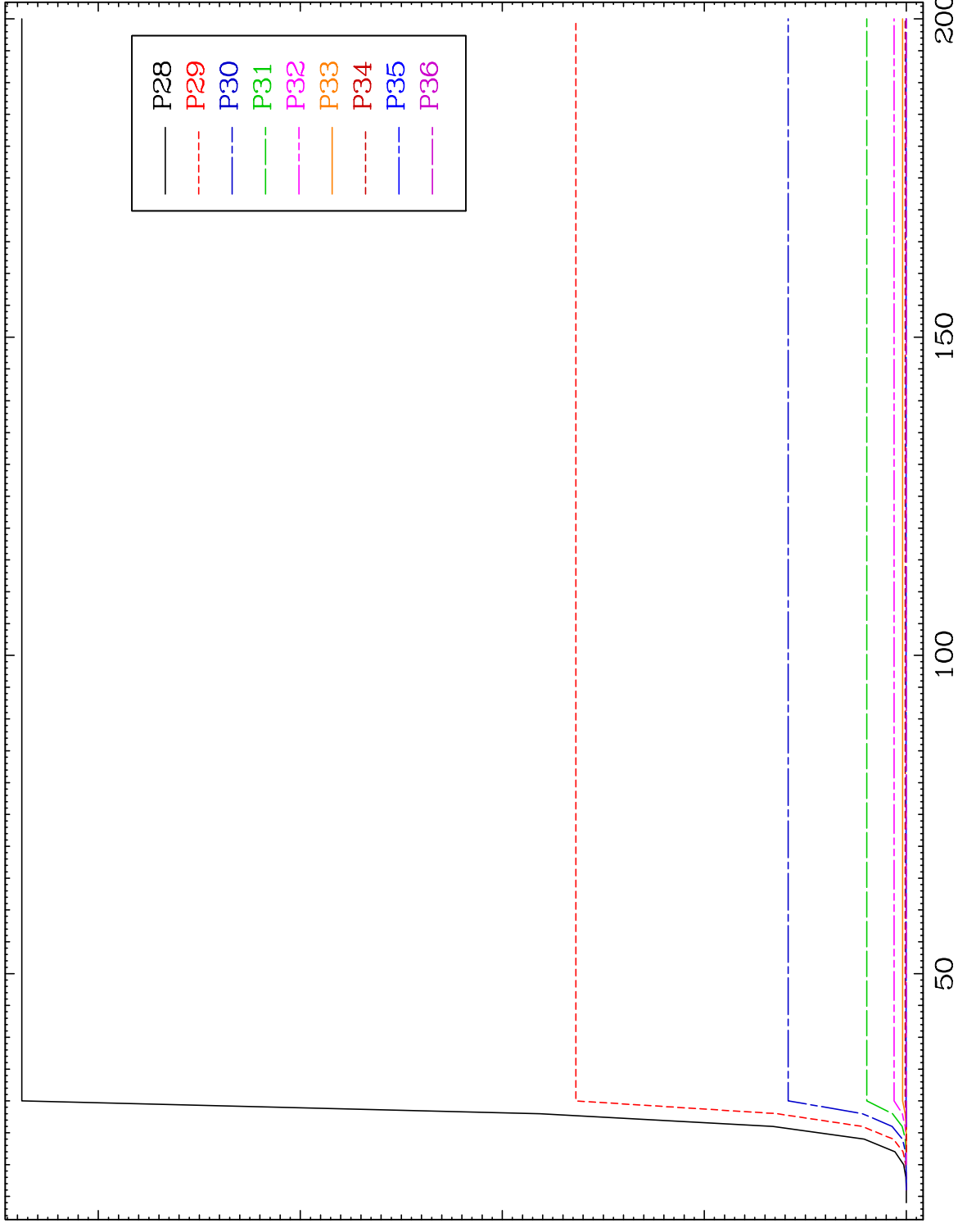


Legendre (CM)

89

Incident Energy (MeV)

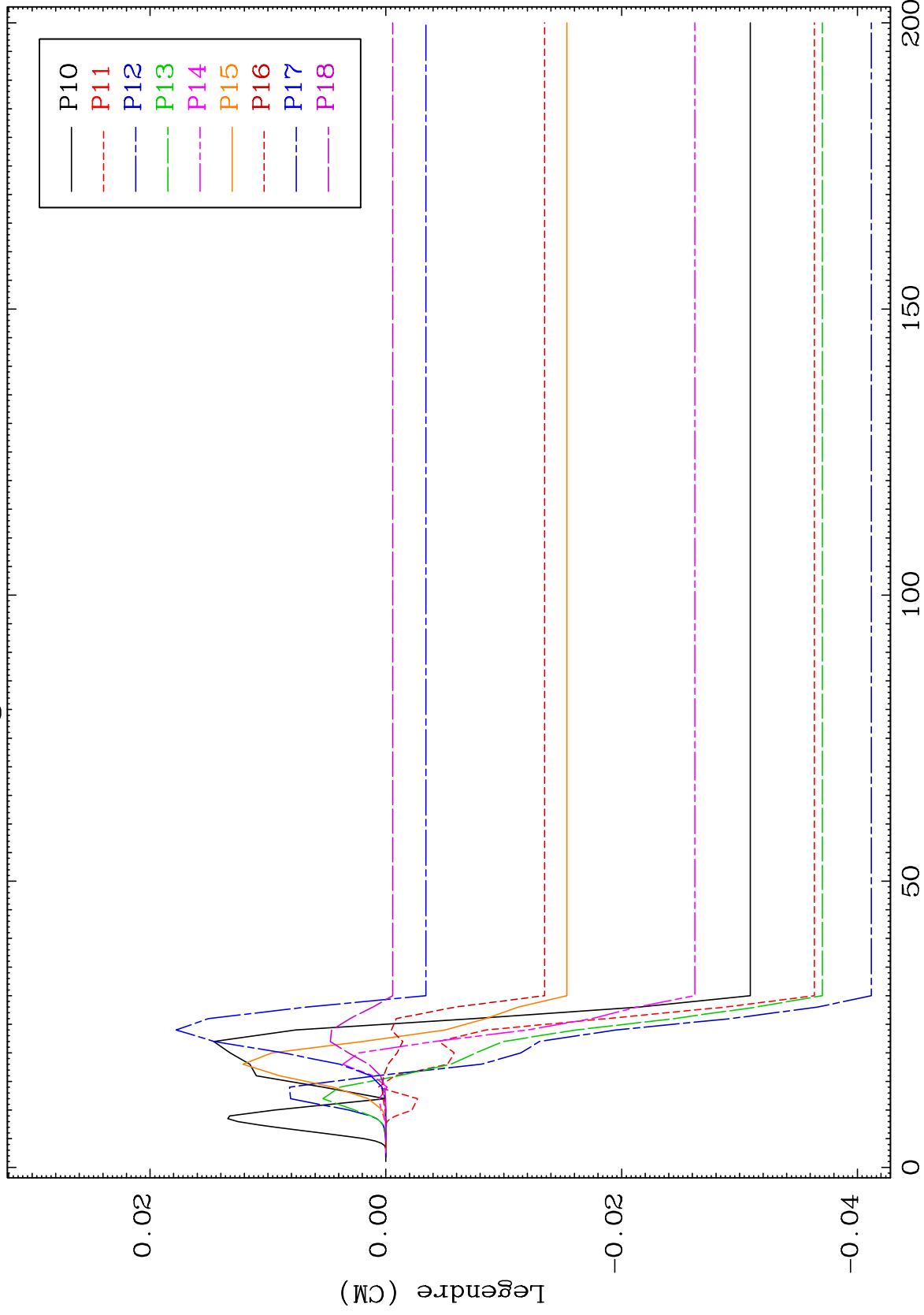
71-Lu-161



MAT 7083

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

71-Lu-161



91

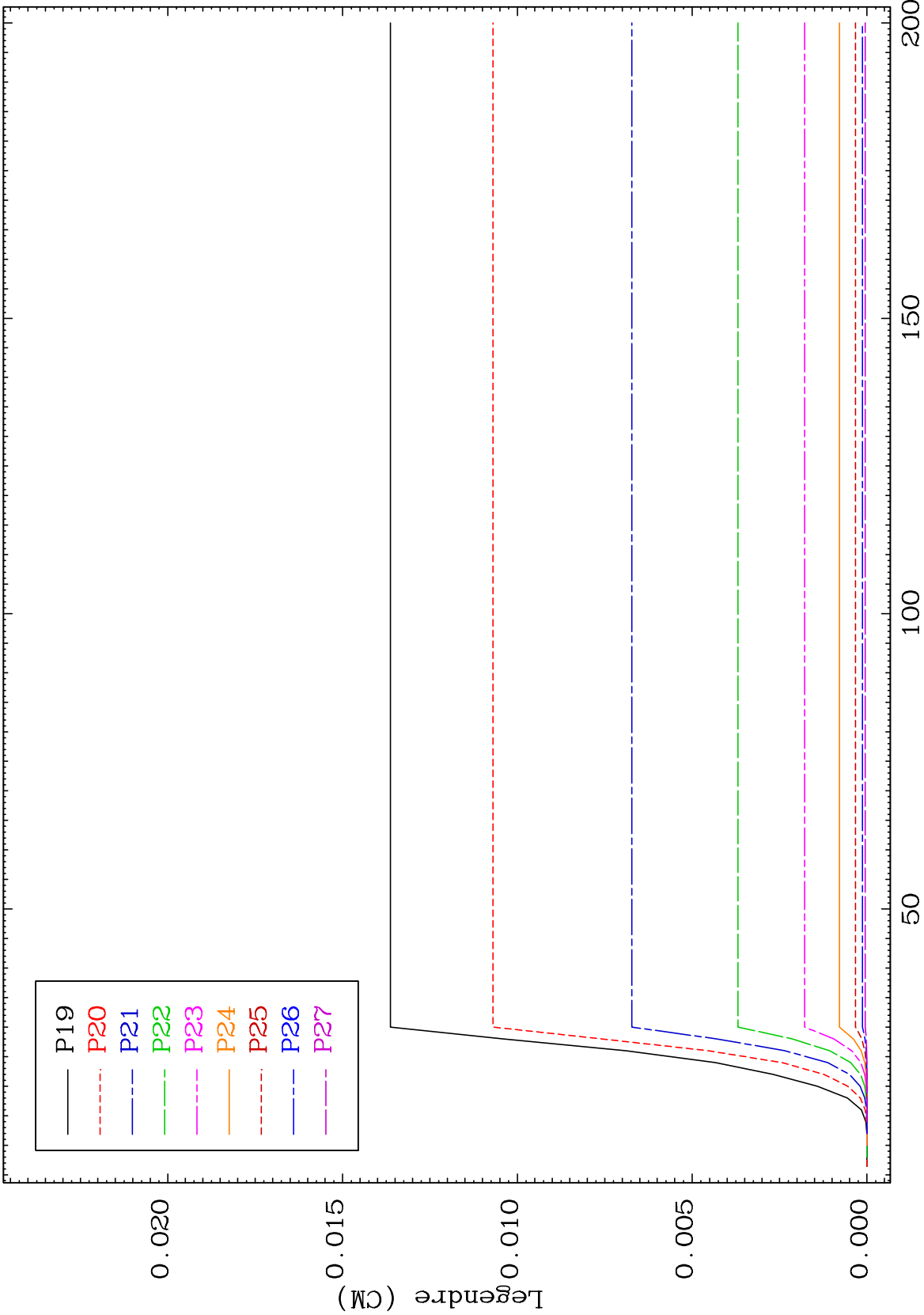
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

71-Lu-161



92

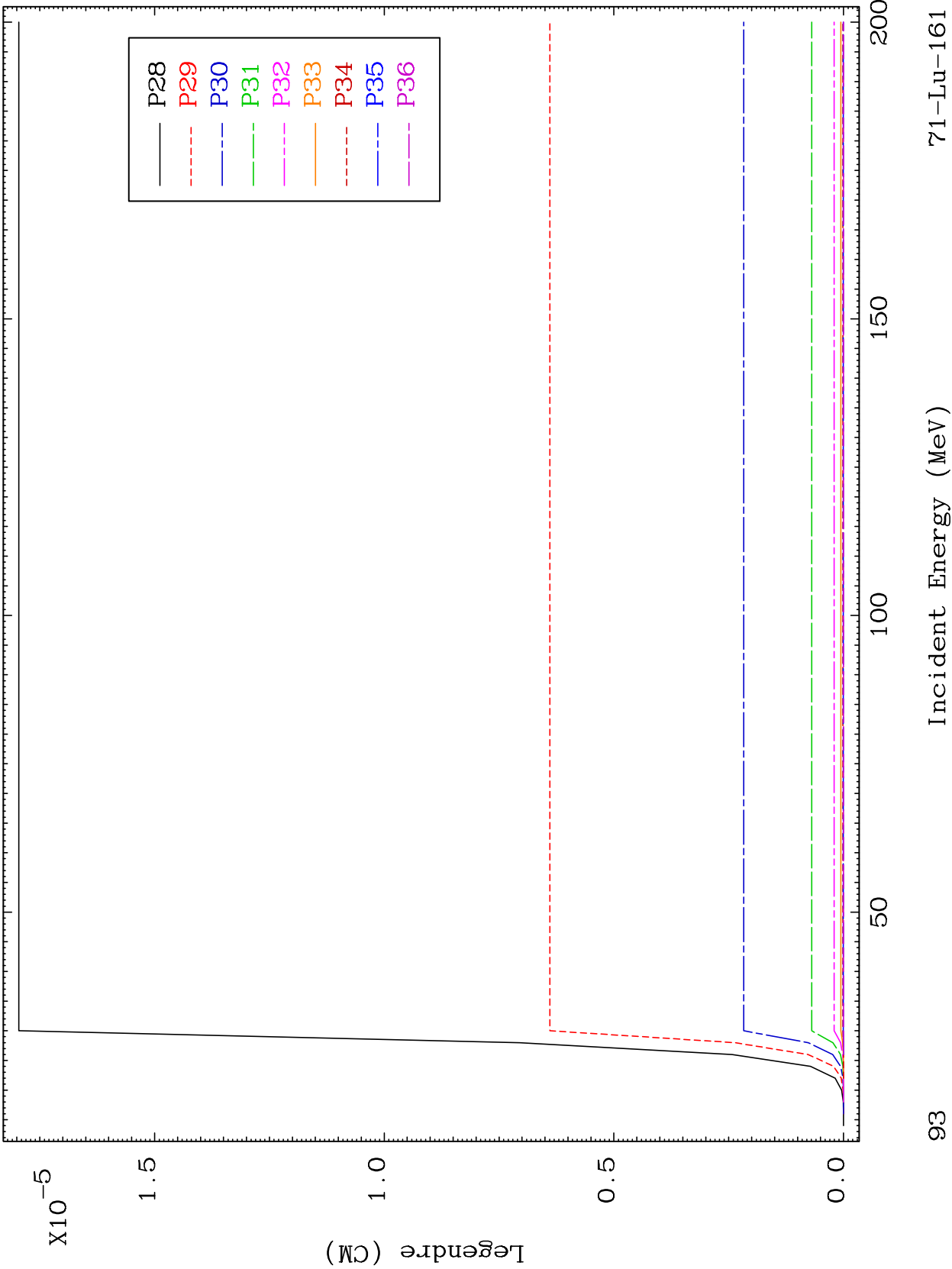
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

71-Lu-161



93

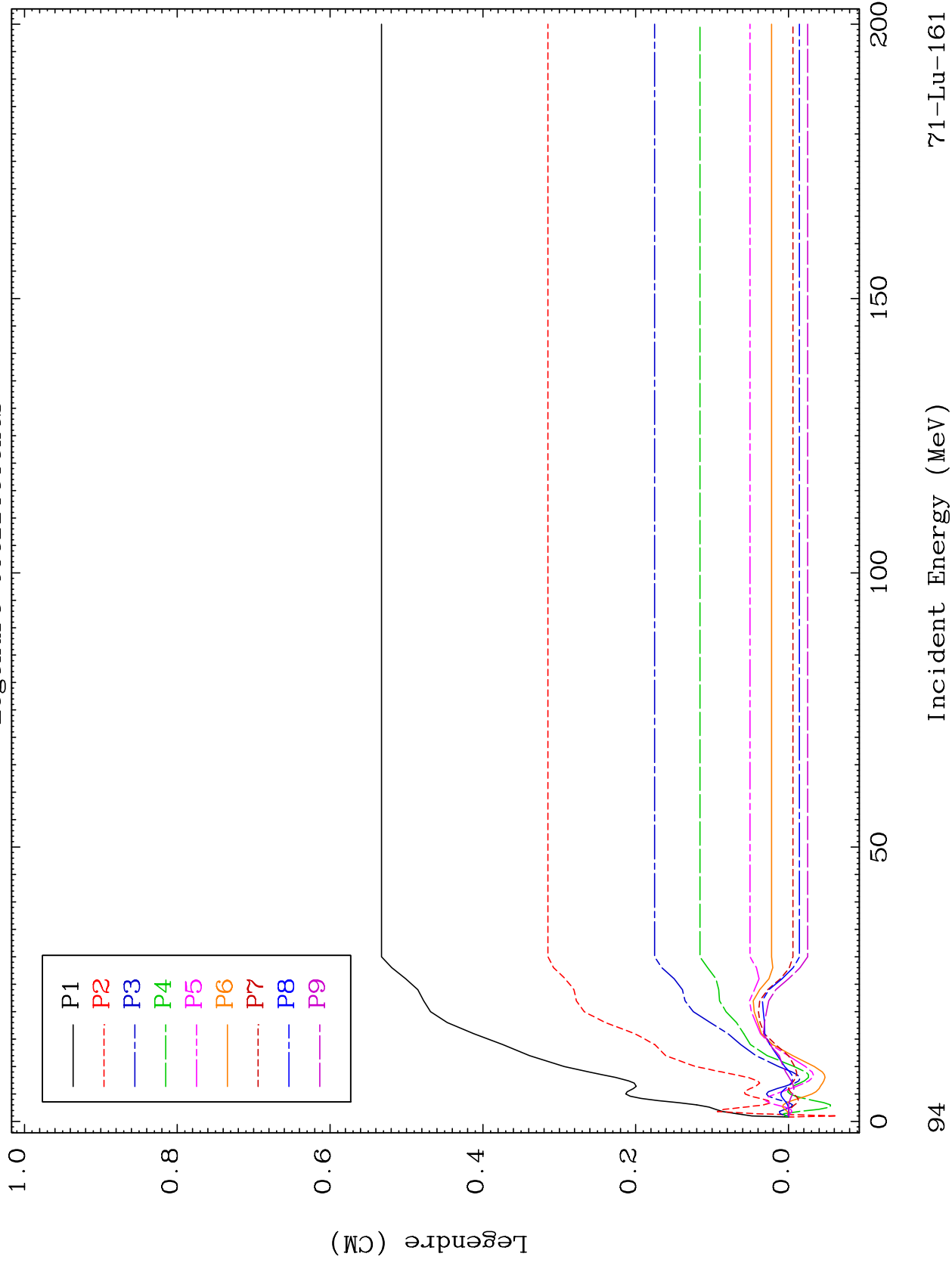
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

71-Lu-161



71-Lu-161

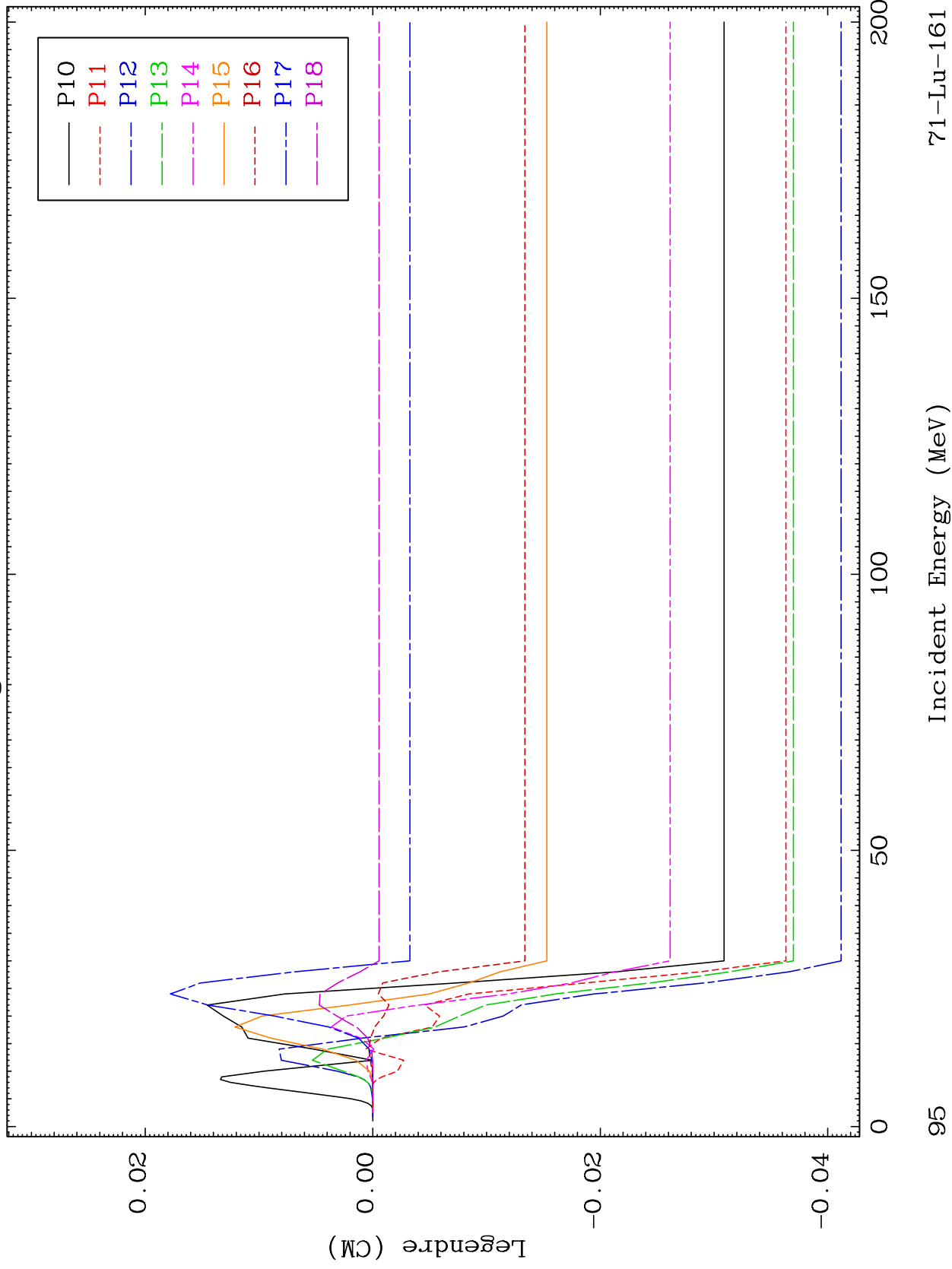
Incident Energy (MeV)

94

MAT 7083

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

71-Lu-161



71-Lu-161

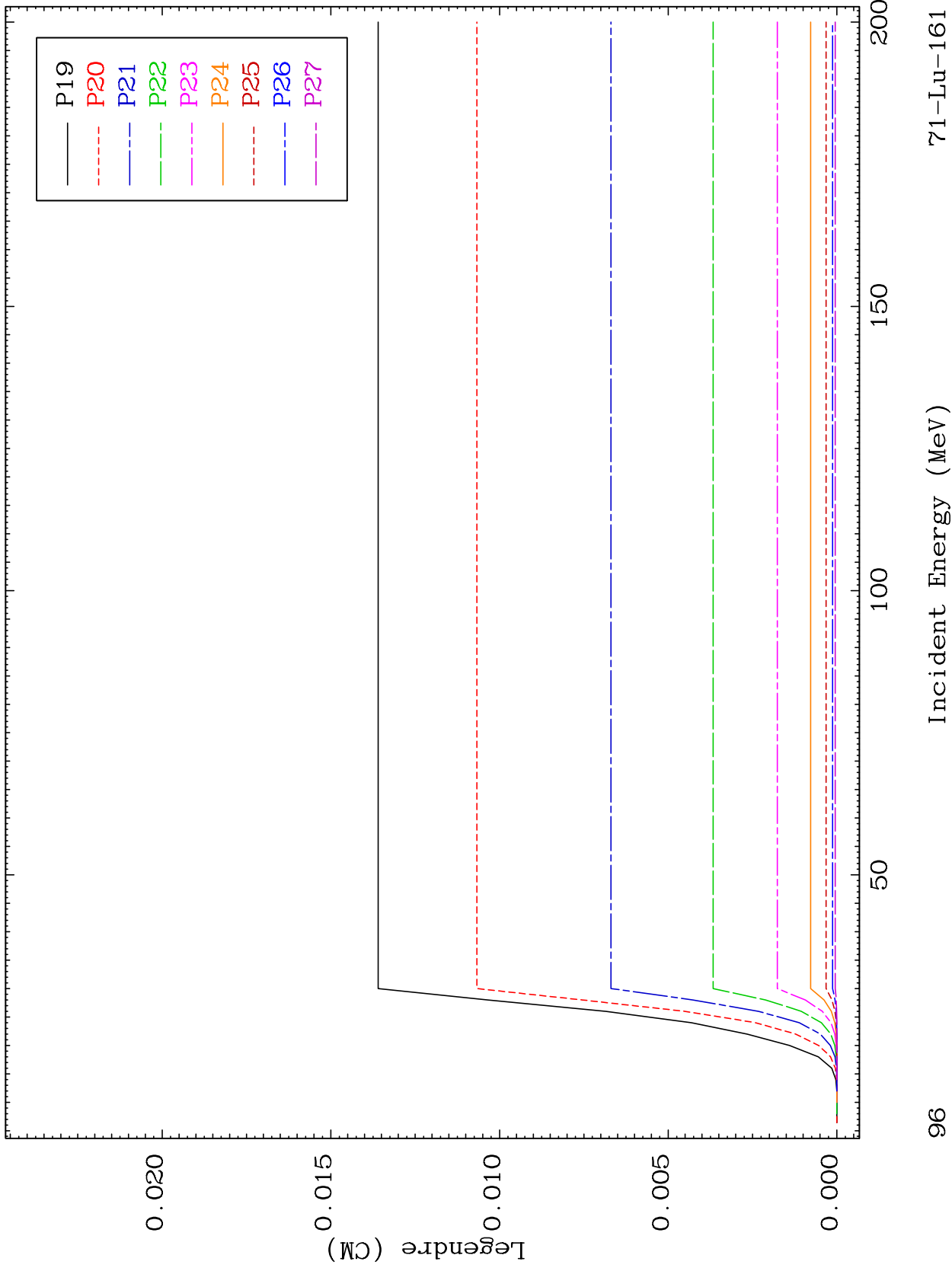
Incident Energy (MeV)

95

MAT 7083

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

71-Lu-161



96

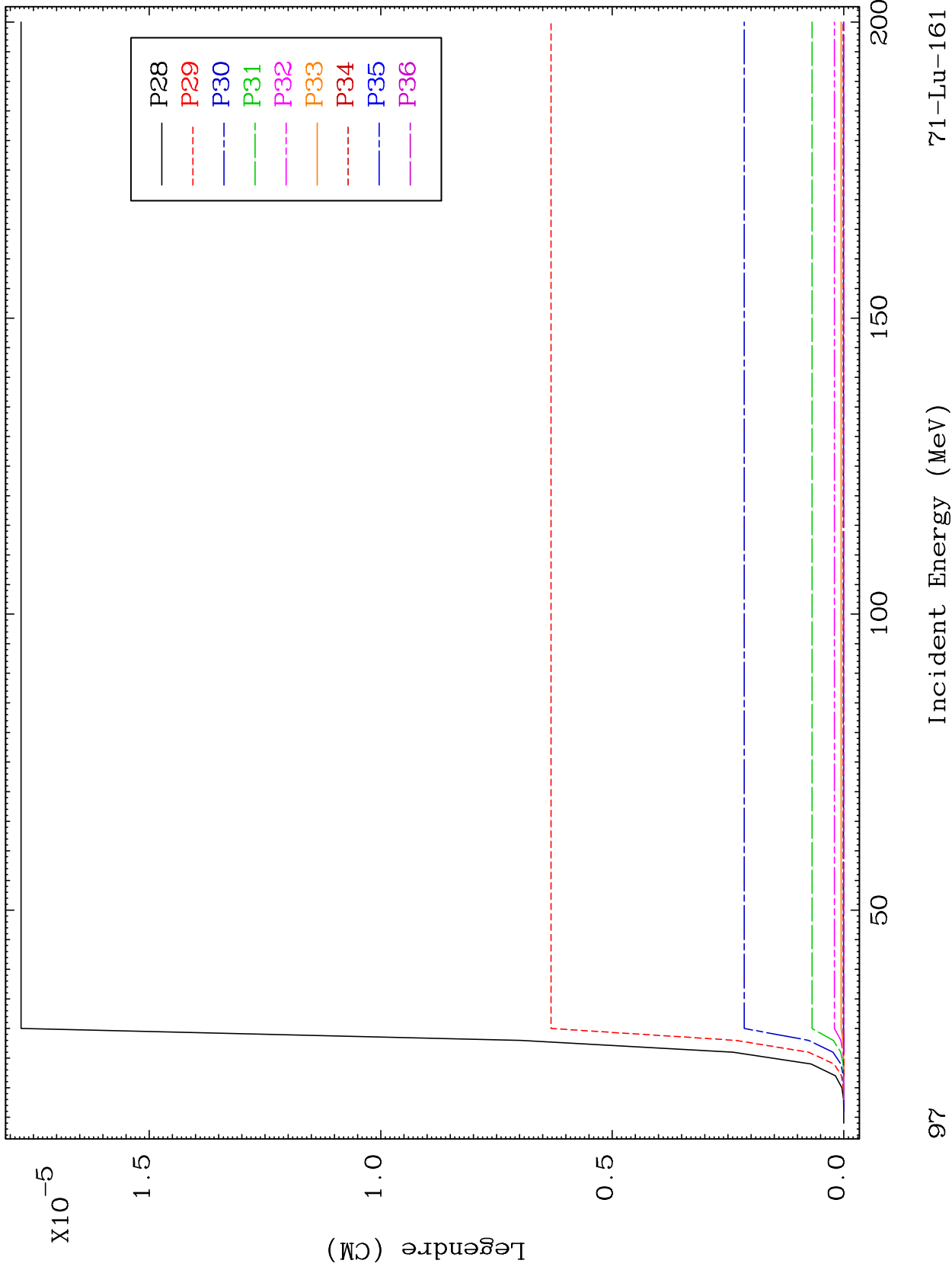
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

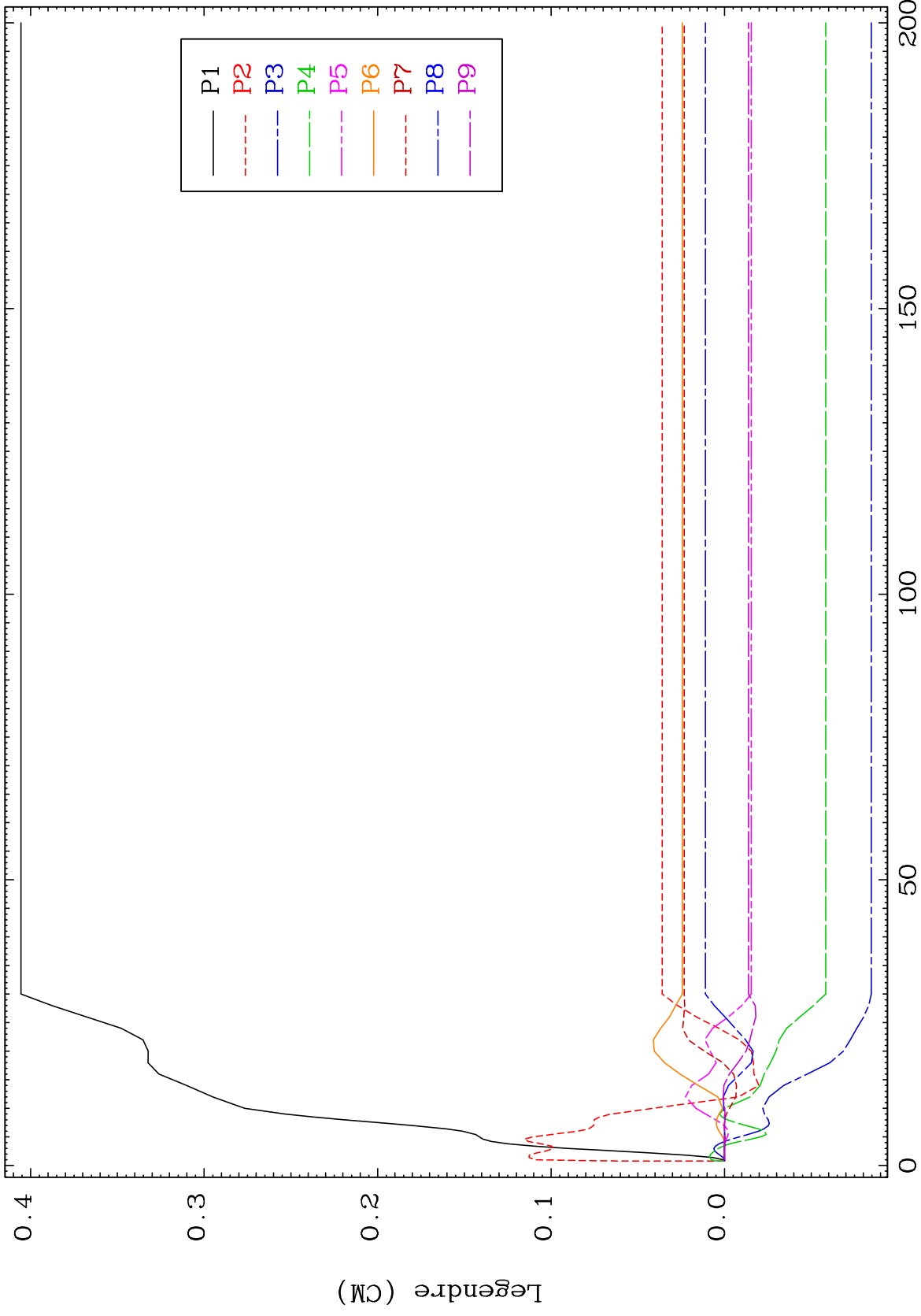
71-Lu-161



MAT 7083

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

71-Lu-161



98

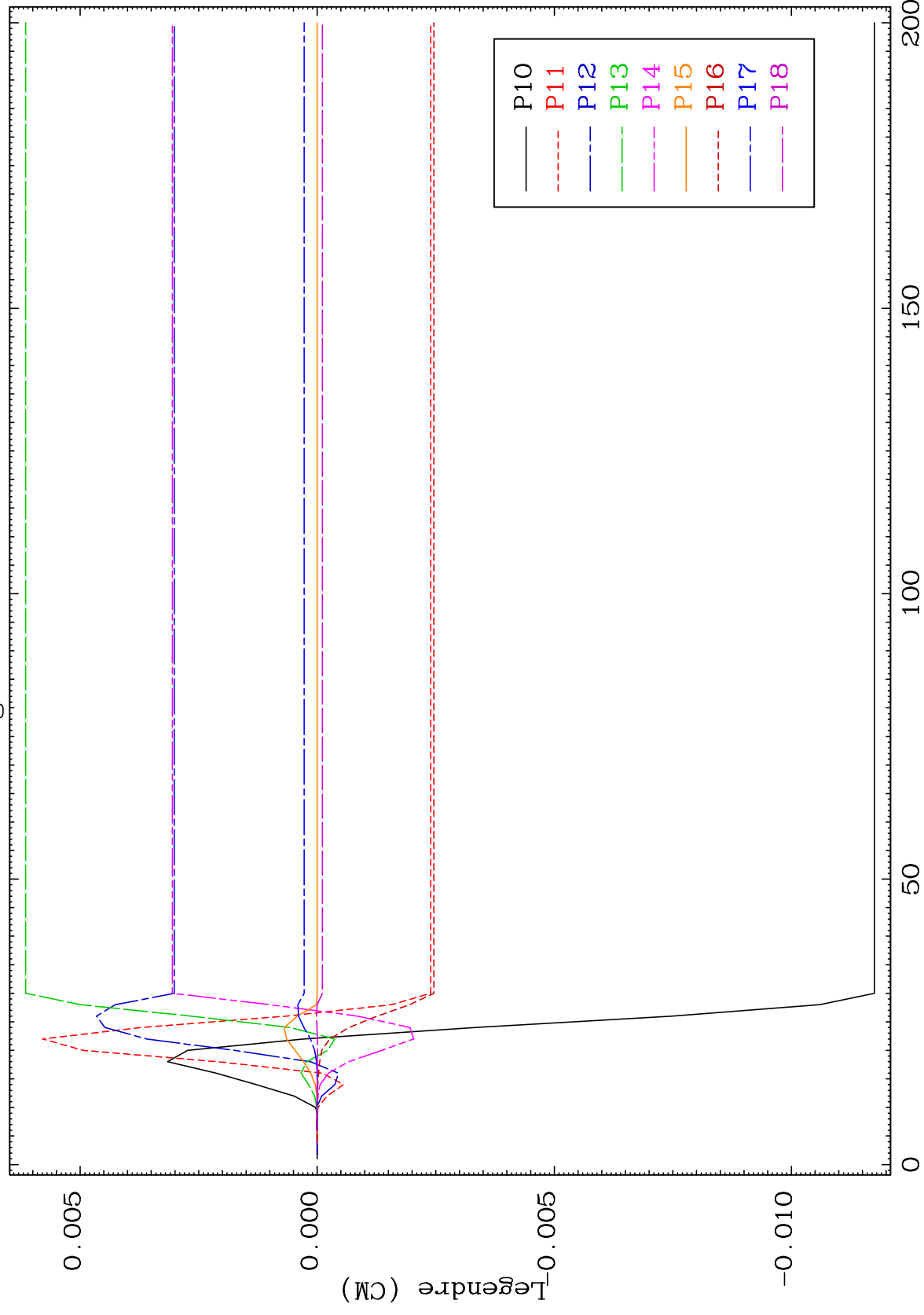
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

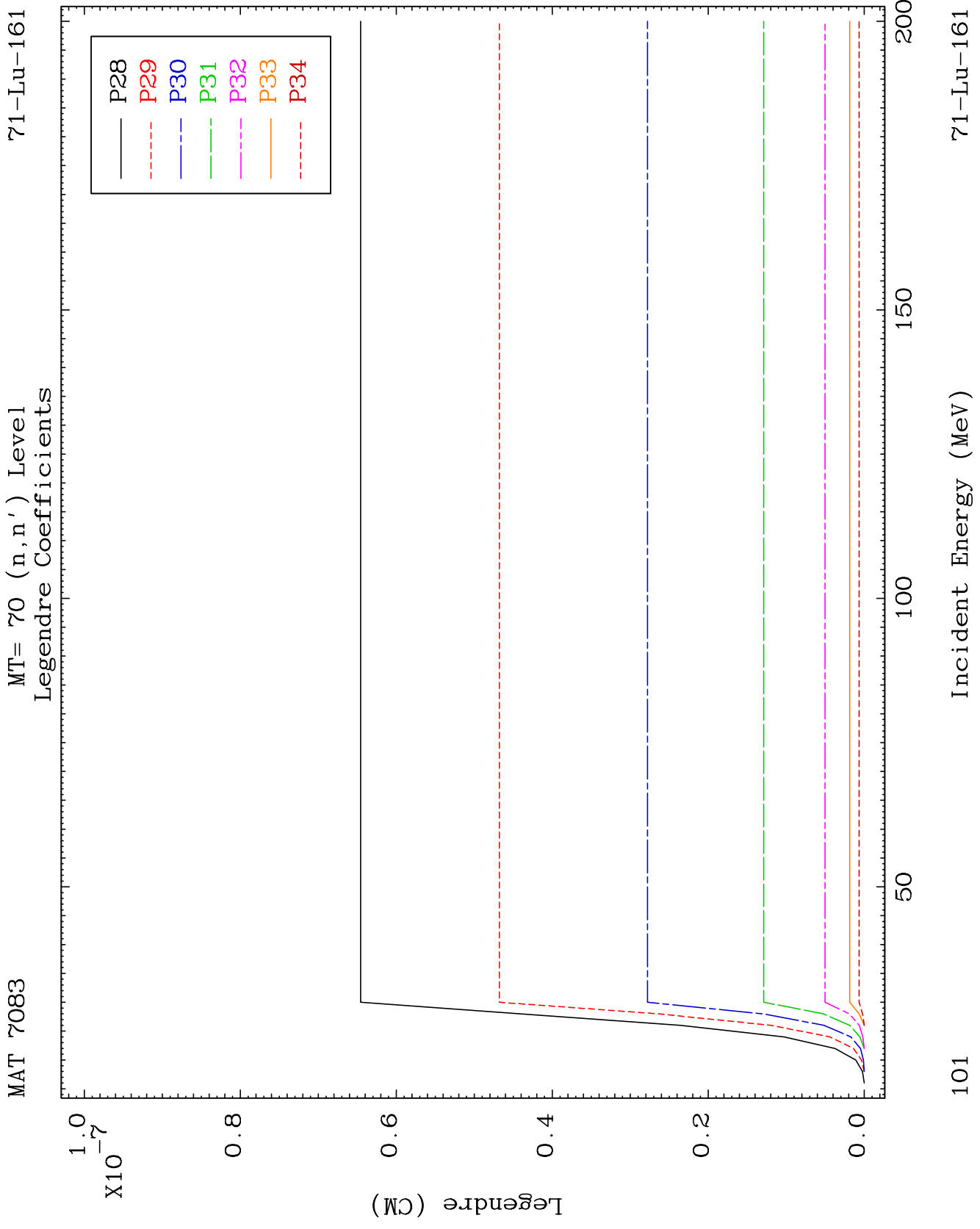
71-Lu-161



99

Incident Energy (MeV)

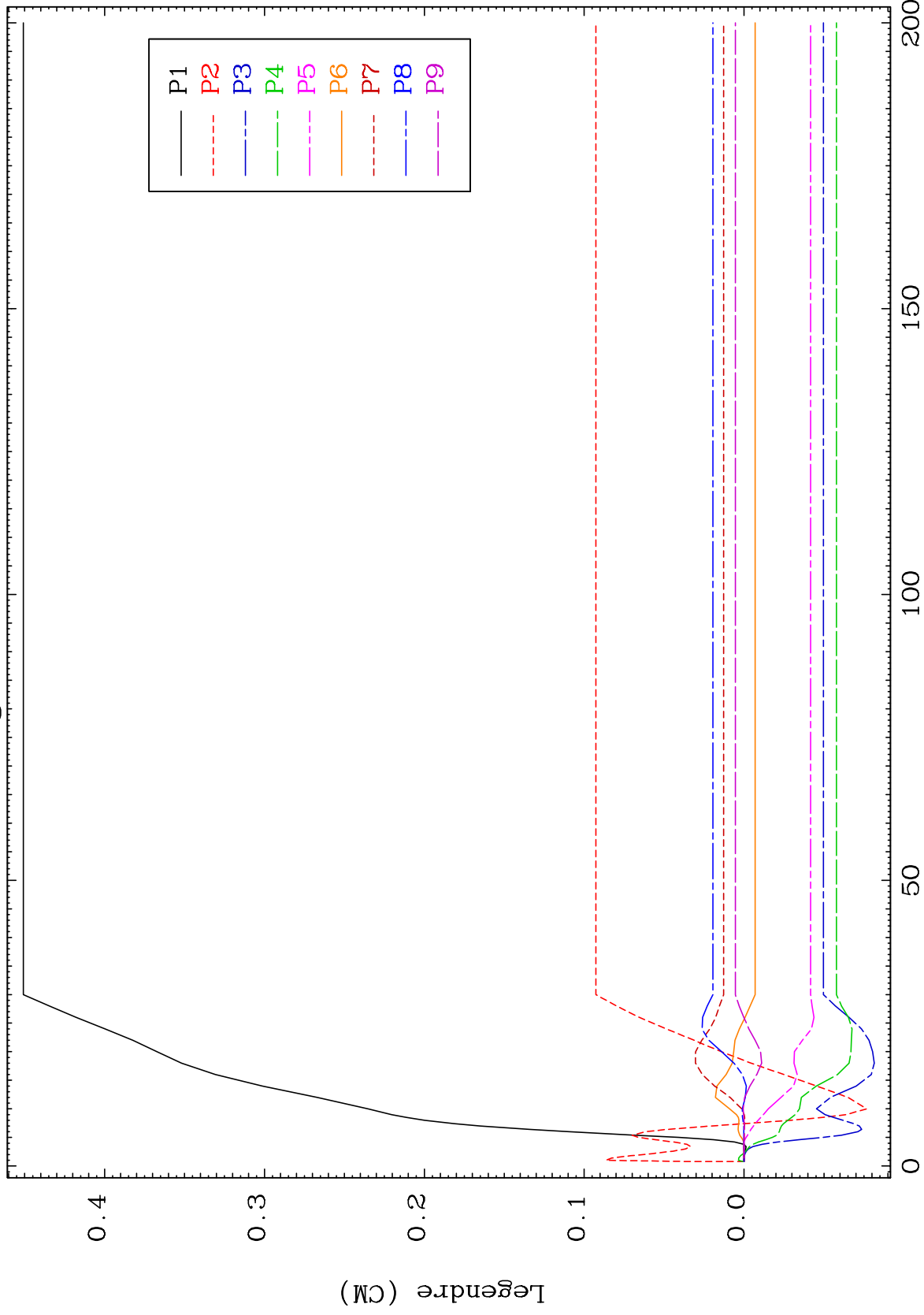
71-Lu-161



MAT 7083

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

71-Lu-161



102

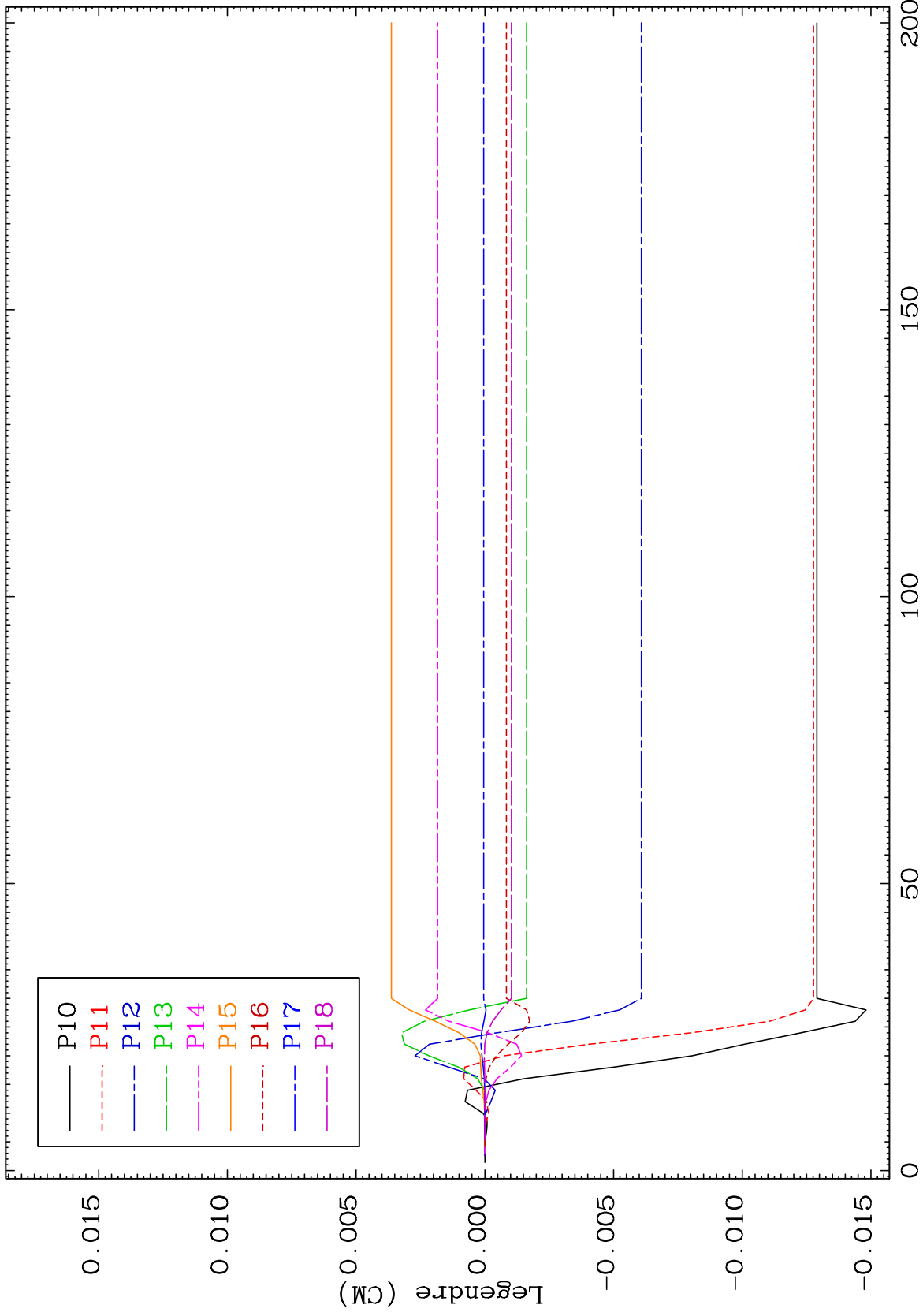
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

71-Lu-161



103

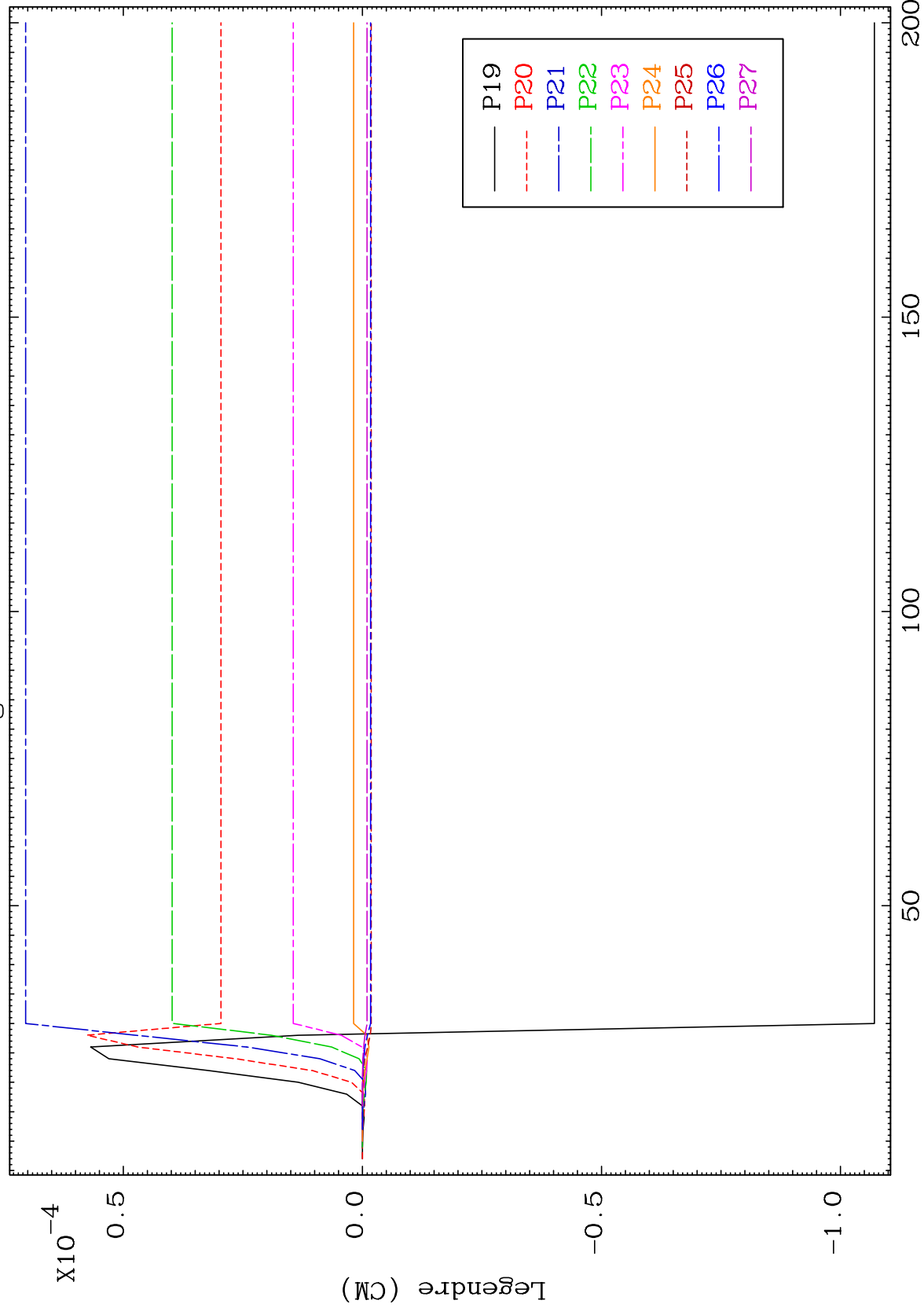
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

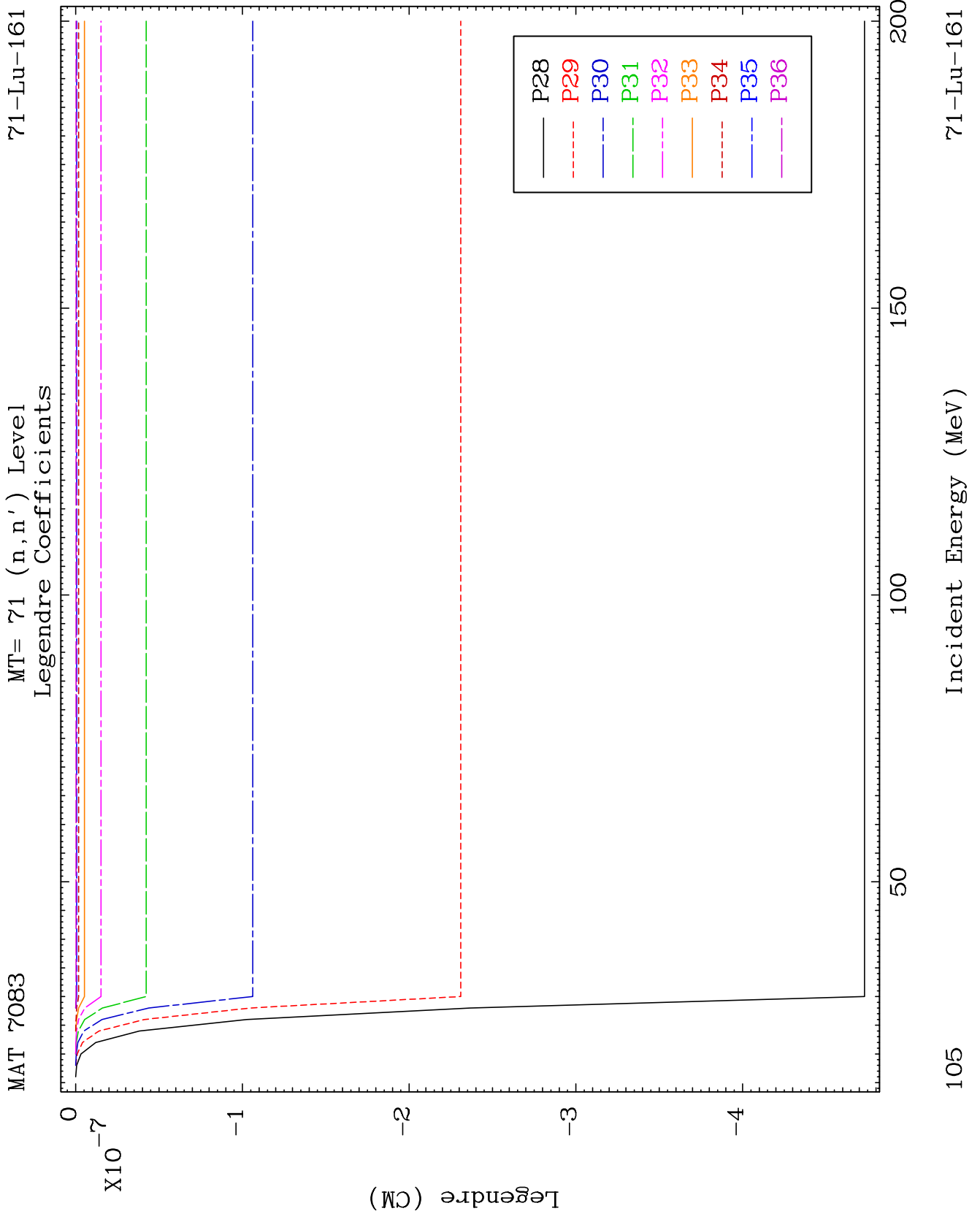
71-Lu-161



104

Incident Energy (MeV)

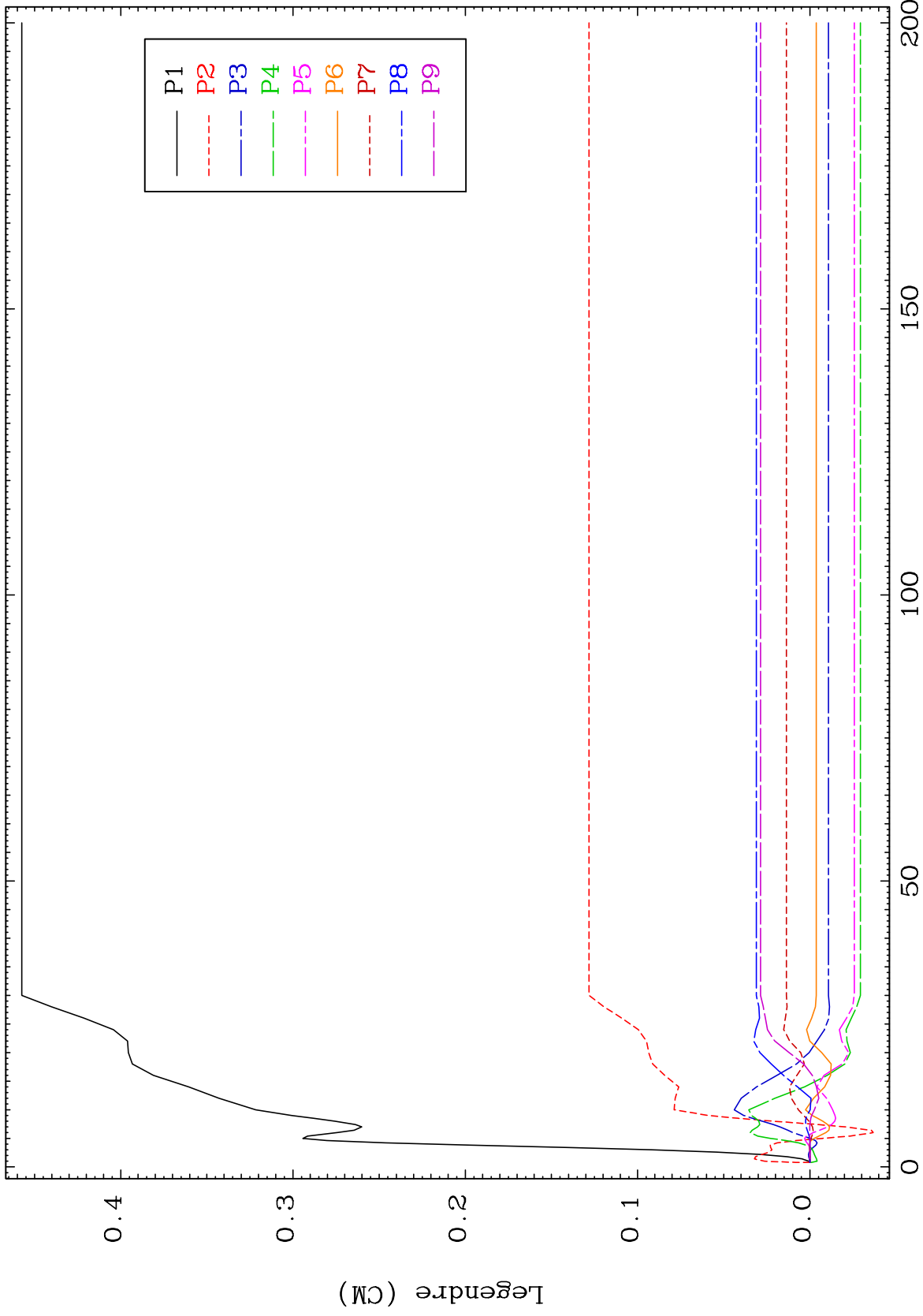
71-Lu-161



MAT 7083

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

71-Lu-161



71-Lu-161

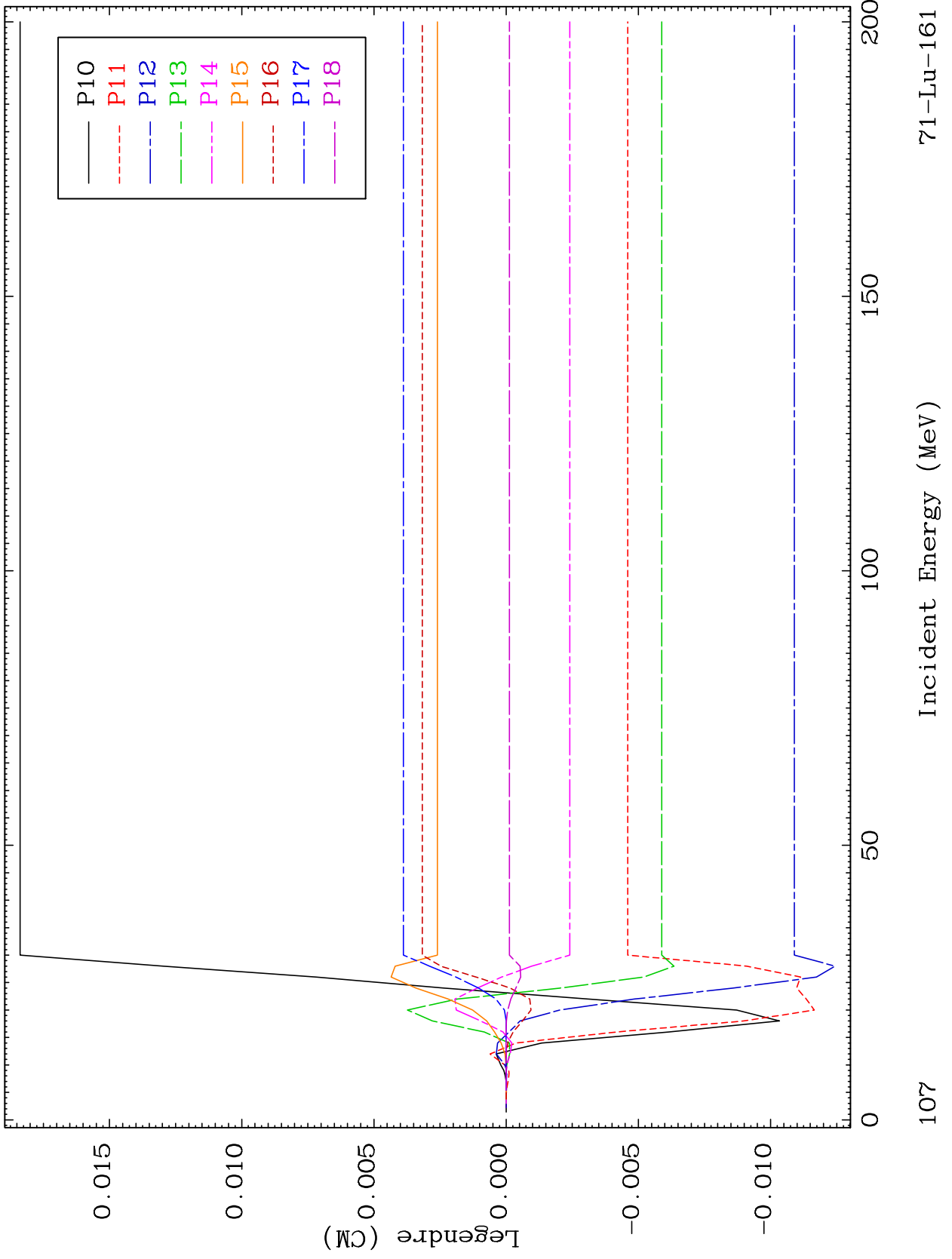
Incident Energy (MeV)

106

MAT 7083

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

71-Lu-161



107

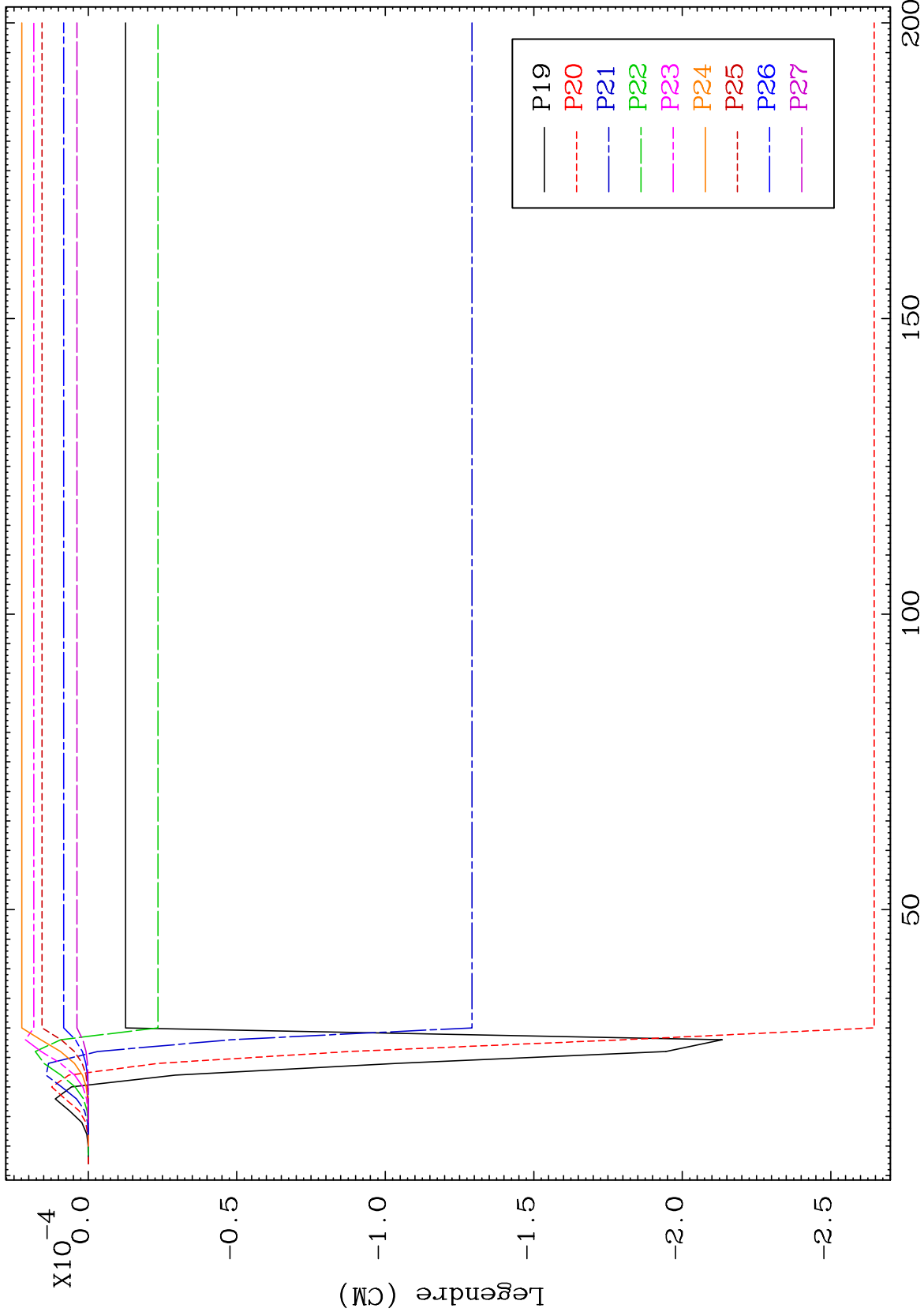
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

71-Lu-161



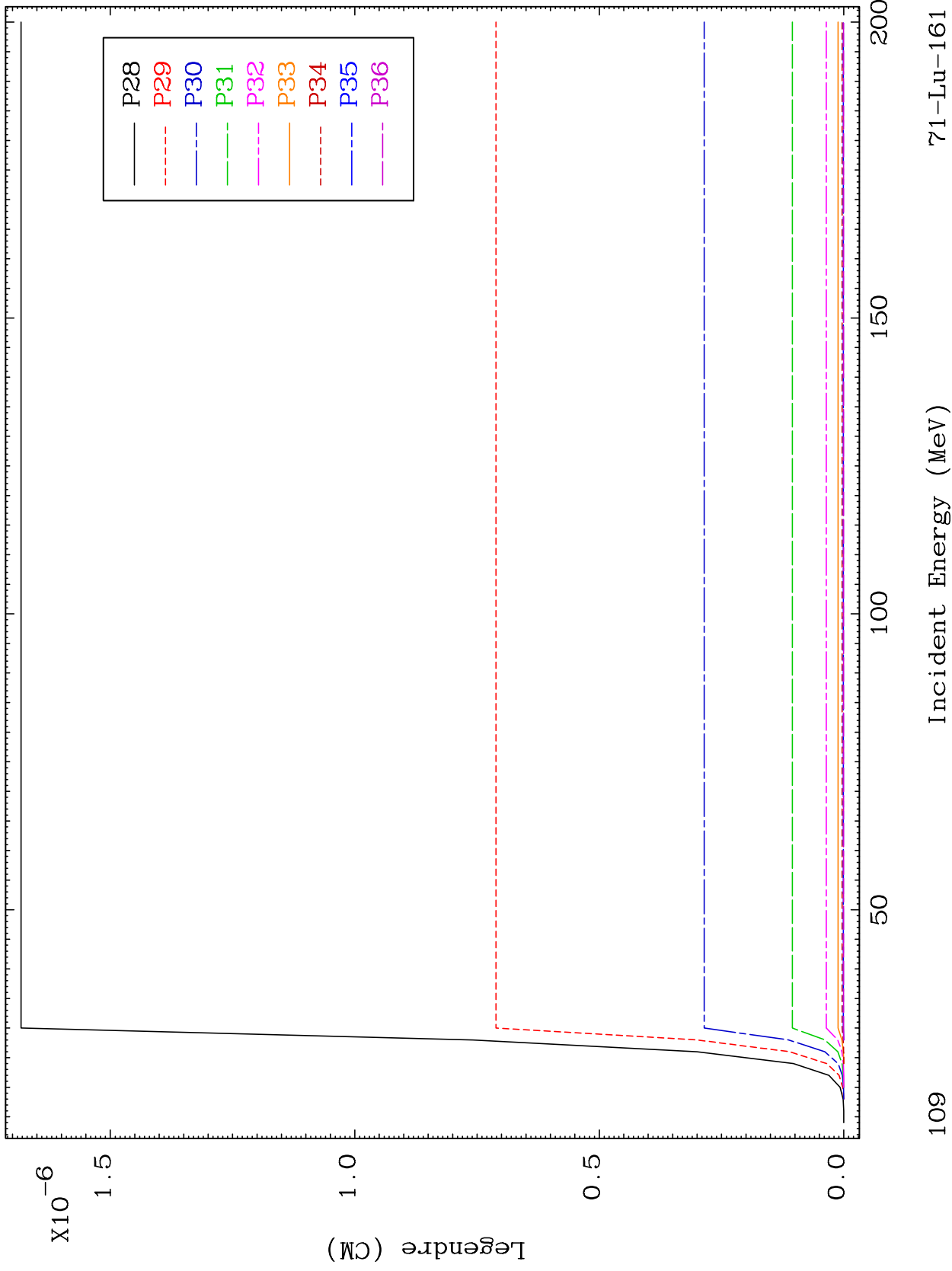
108

71-Lu-161

MAT 7083

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

71-Lu-161

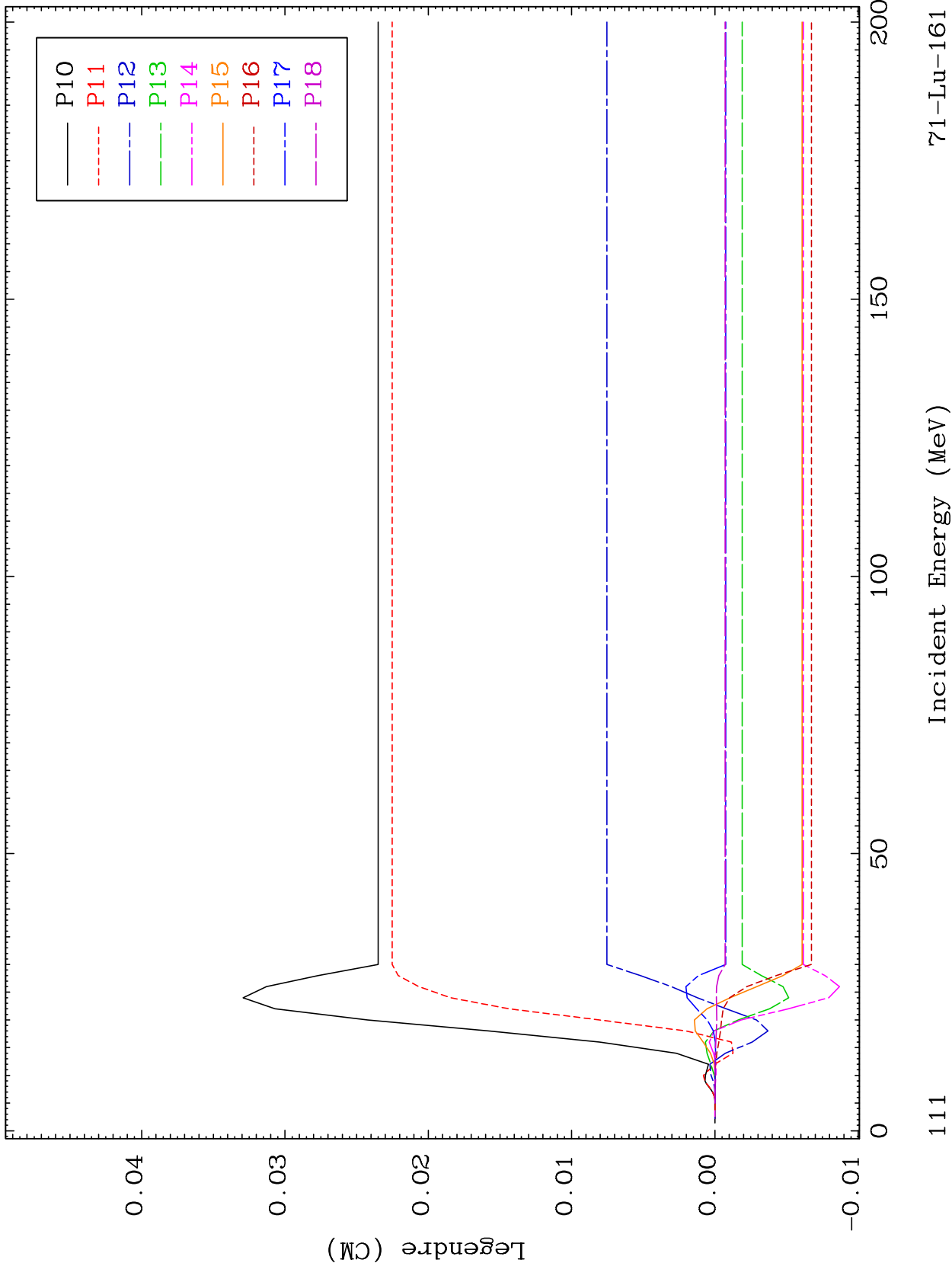


109

MAT 7083

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

71-Lu-161



111

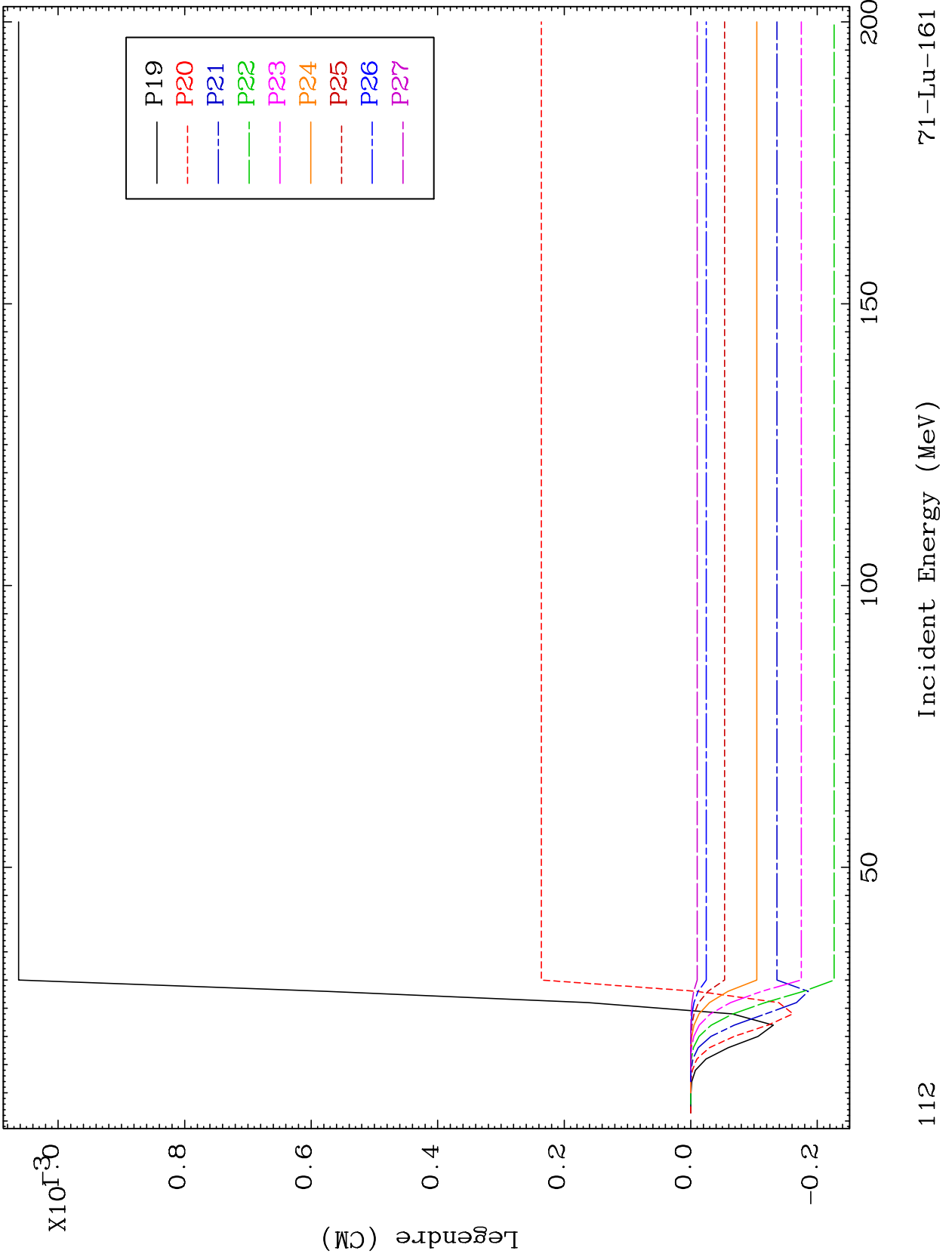
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

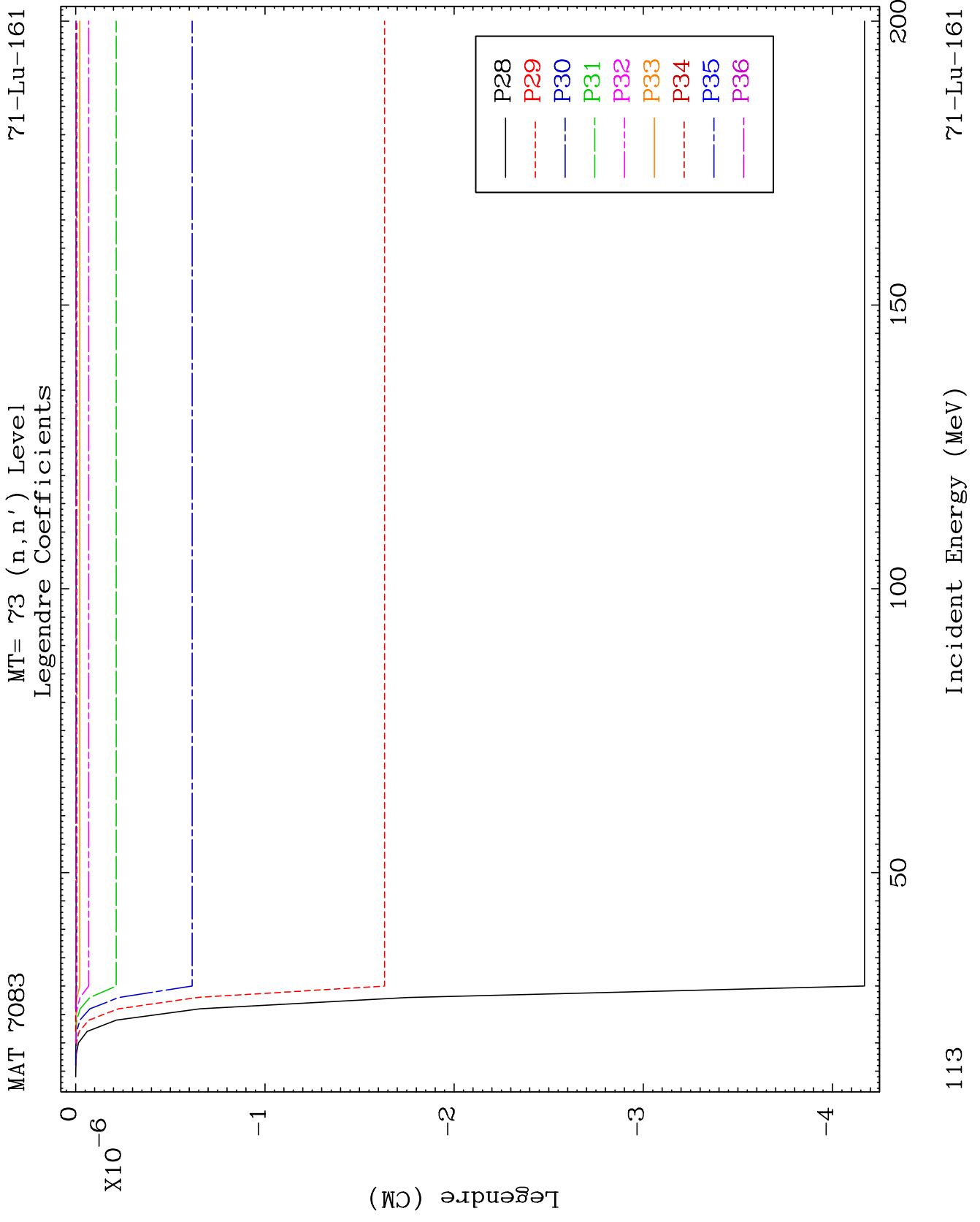
71-Lu-161



112

Incident Energy (MeV)

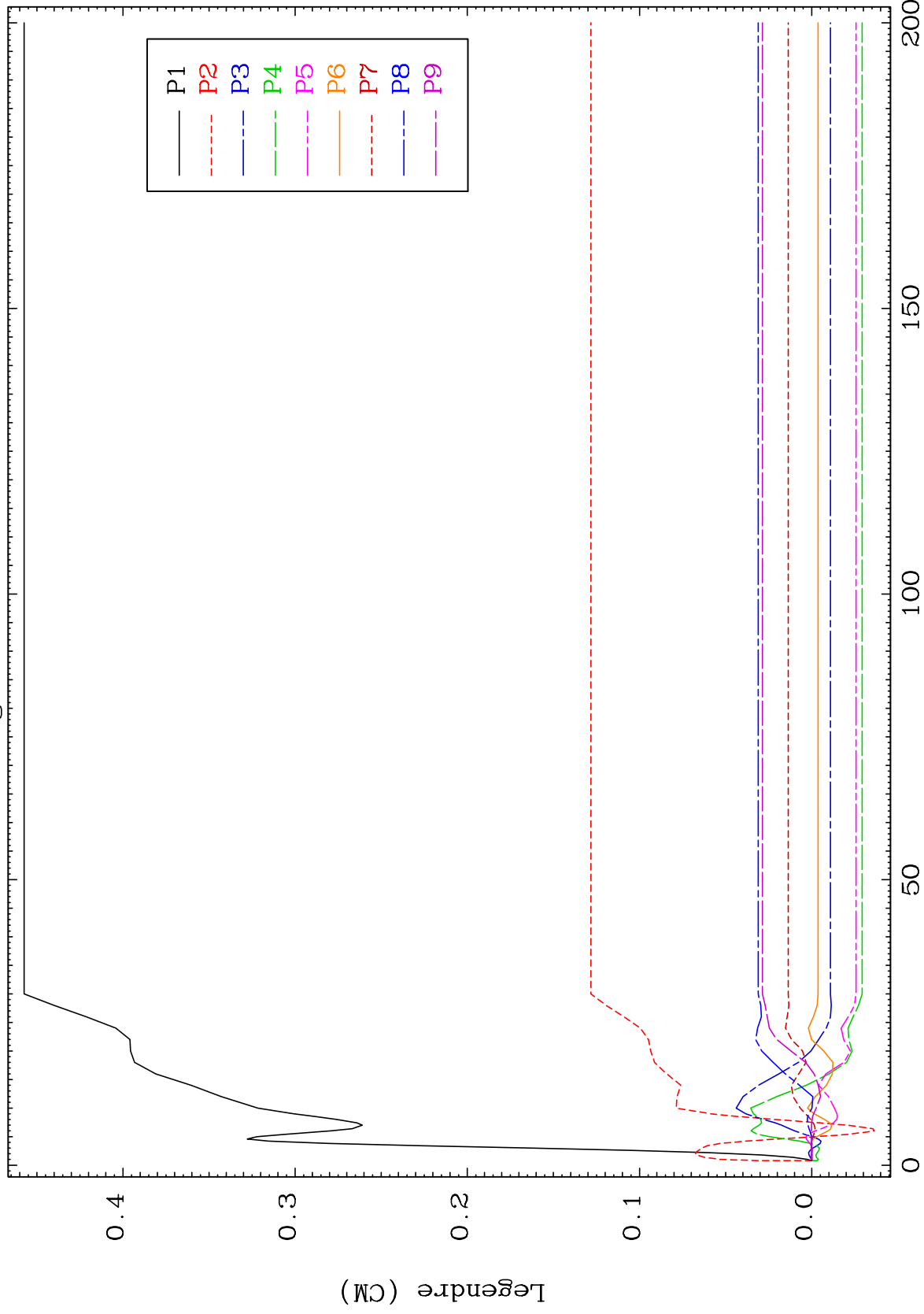
71-Lu-161



MAT 7083

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

71-Lu-161



114

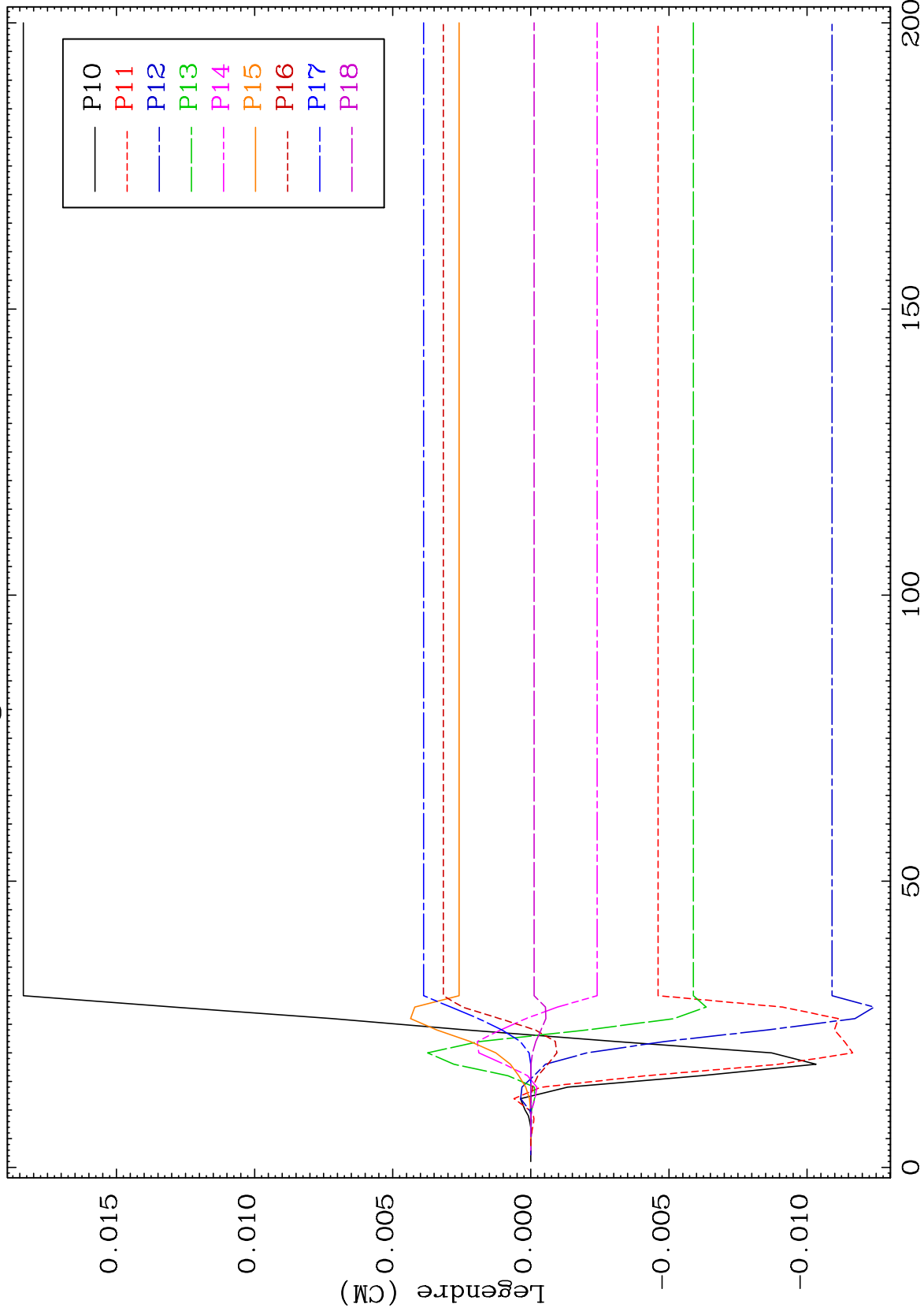
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

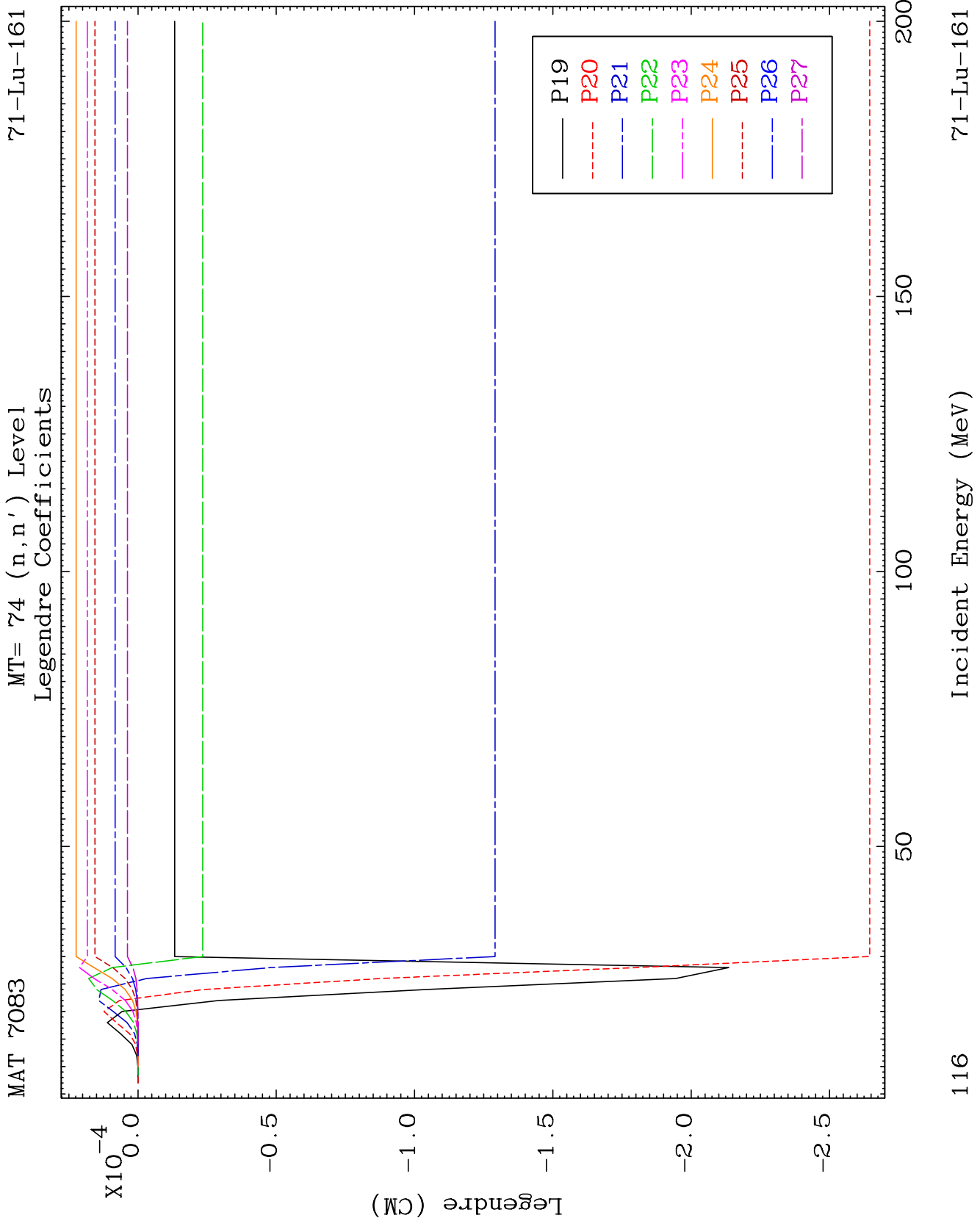
71-Lu-161



115

Incident Energy (MeV)

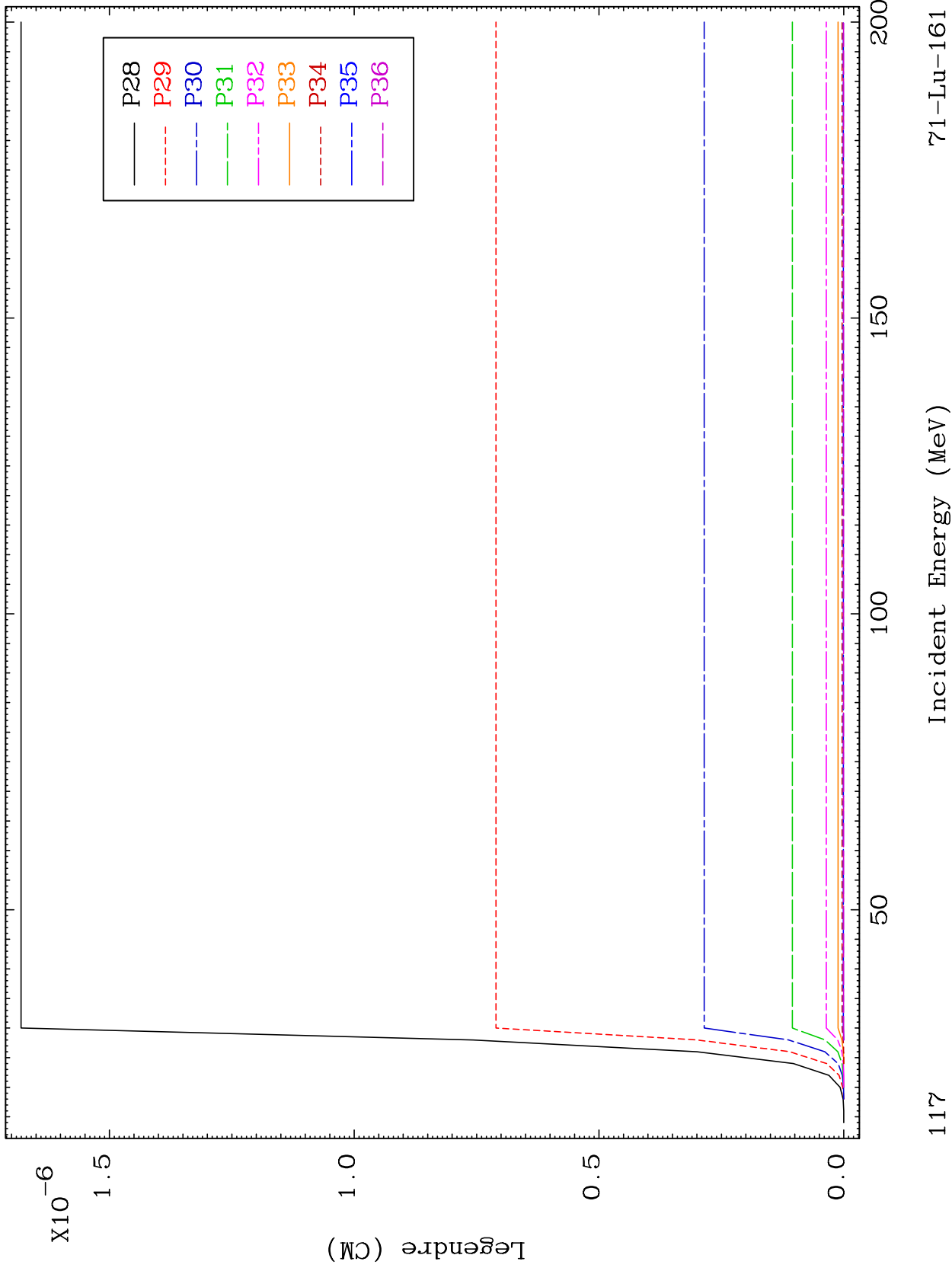
71-Lu-161



MAT 7083

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

71-Lu-161



117

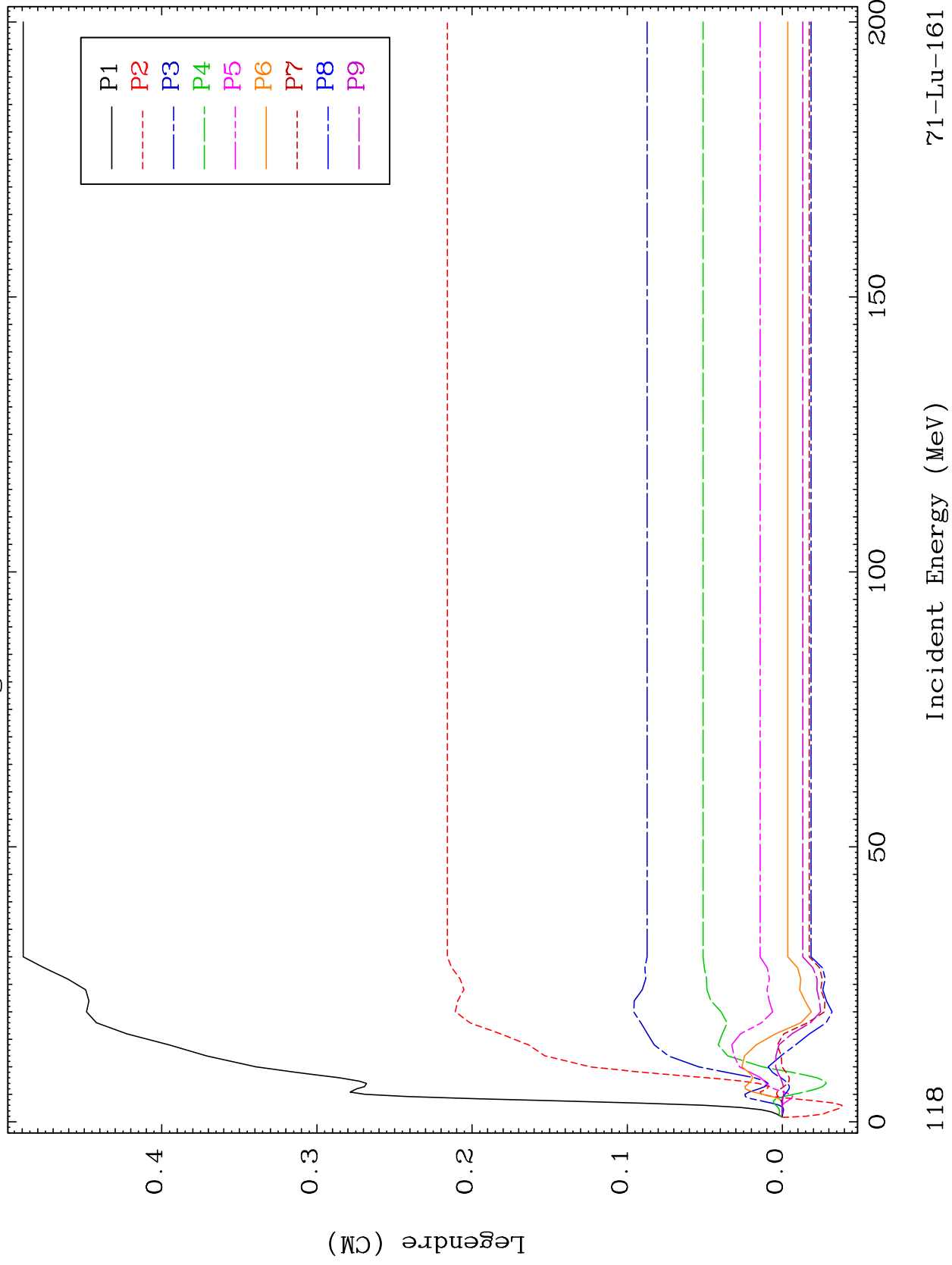
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

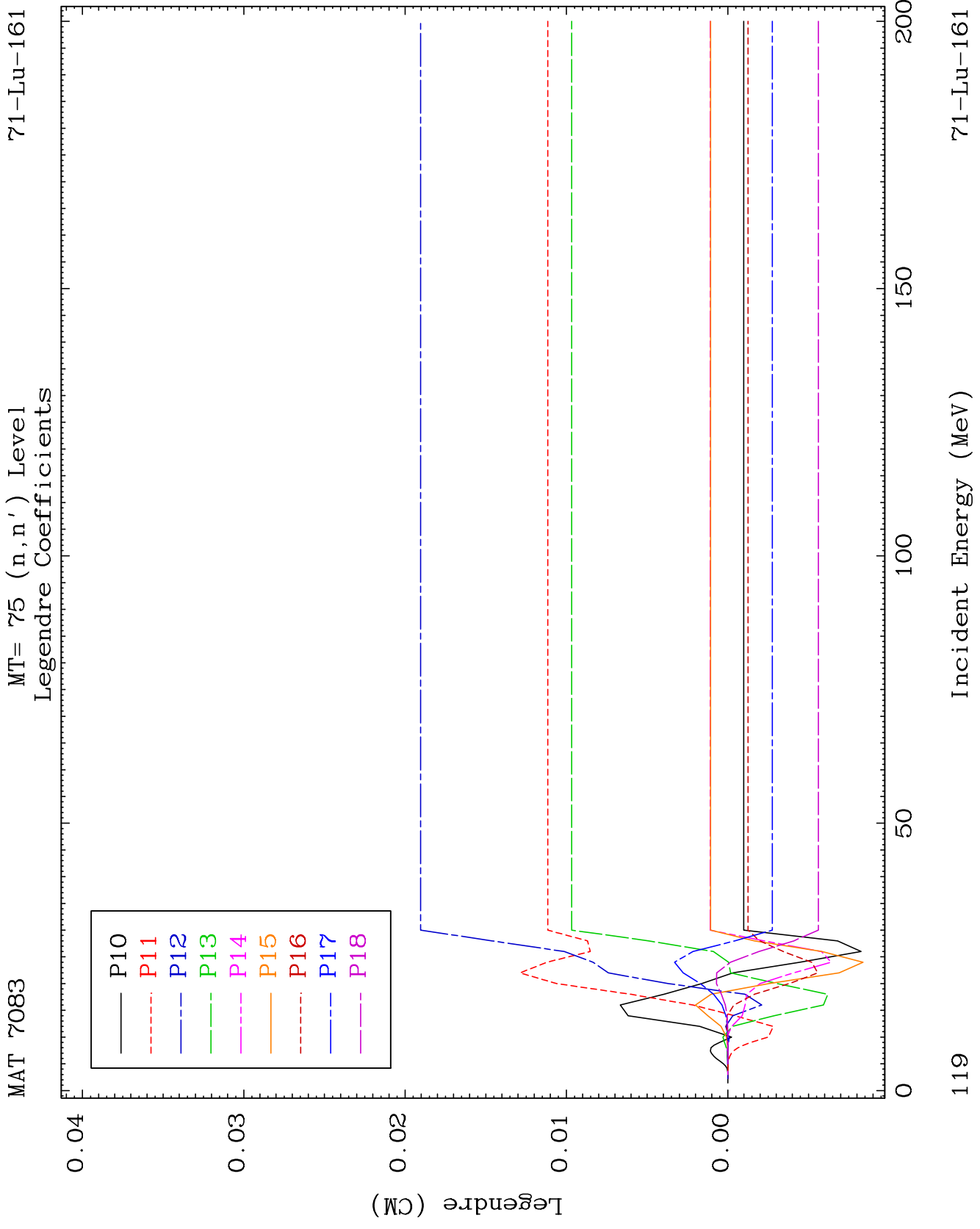
71-Lu-161



71-Lu-161

Incident Energy (MeV)

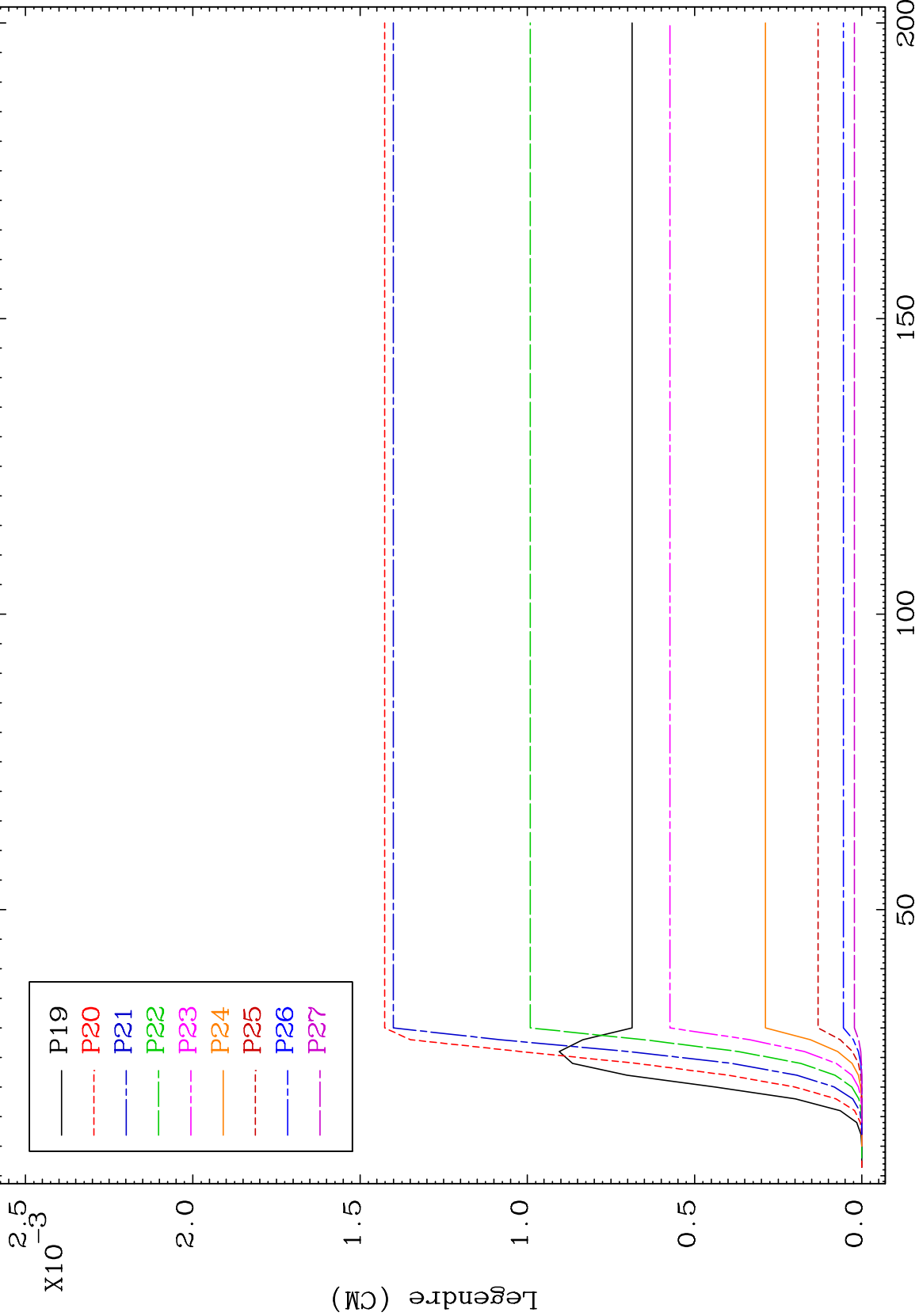
118



MAT 7083

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

71-Lu-161



120

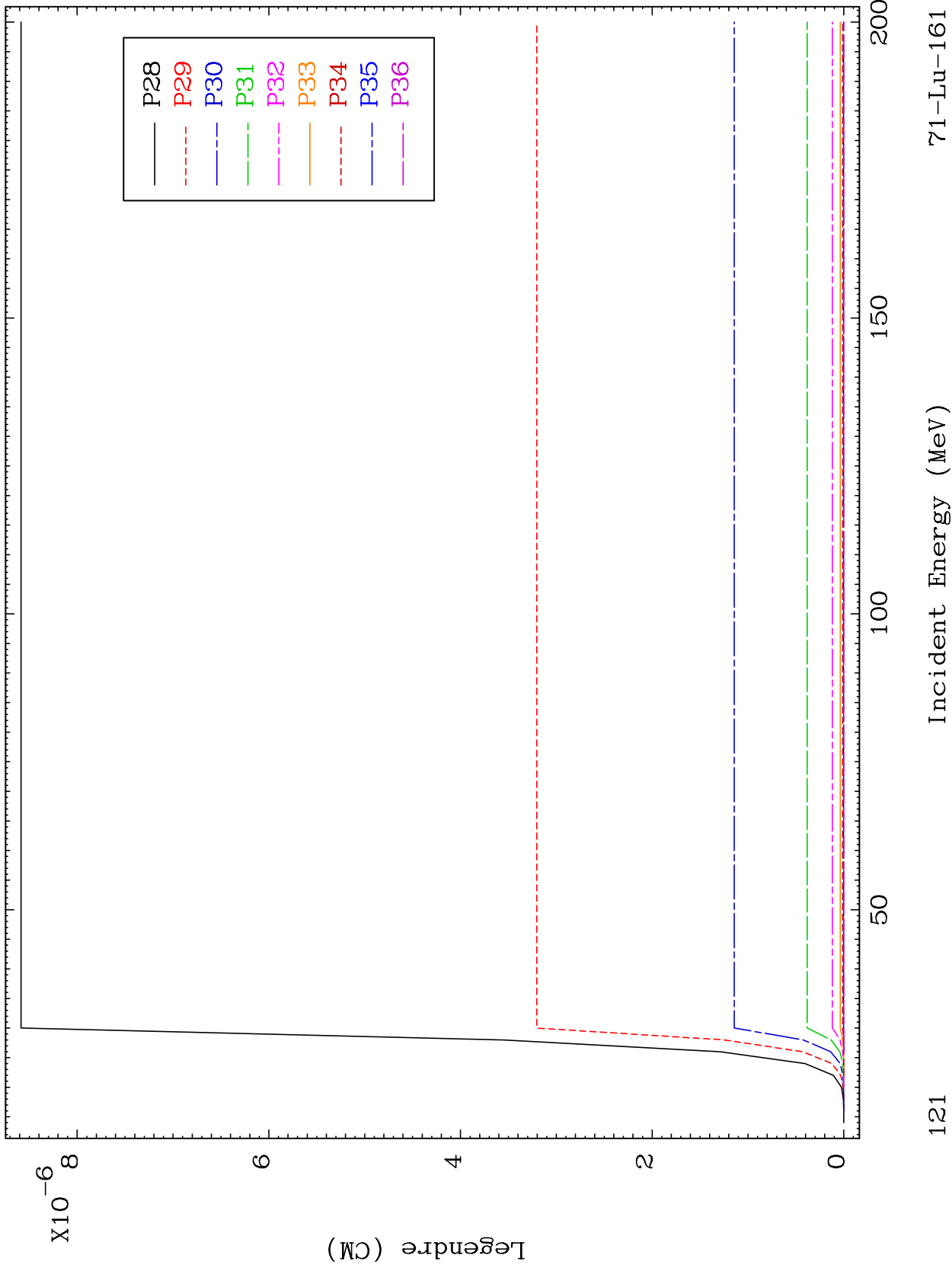
Incident Energy (MeV)

71-Lu-161

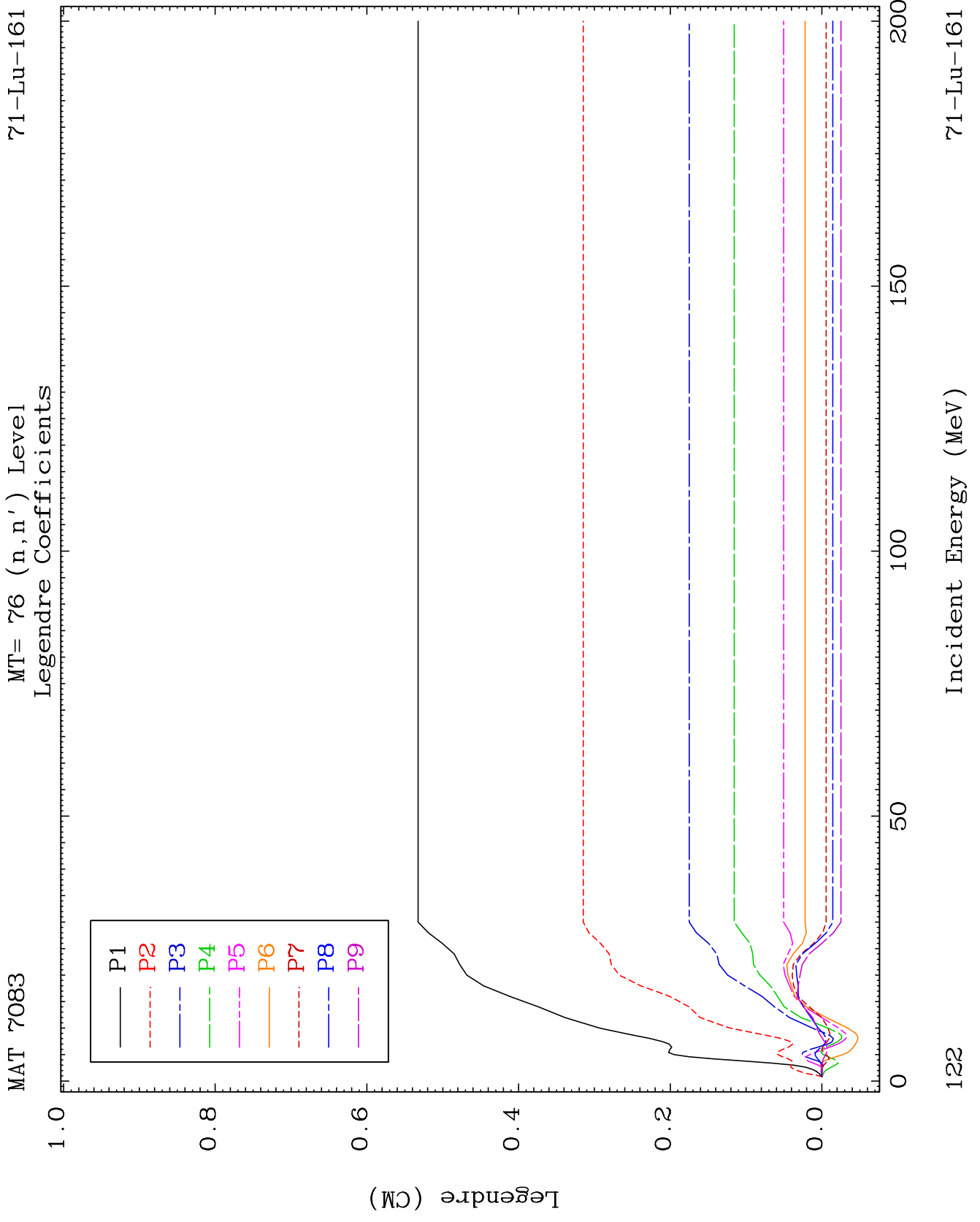
MAT 7083

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

71-Lu-161



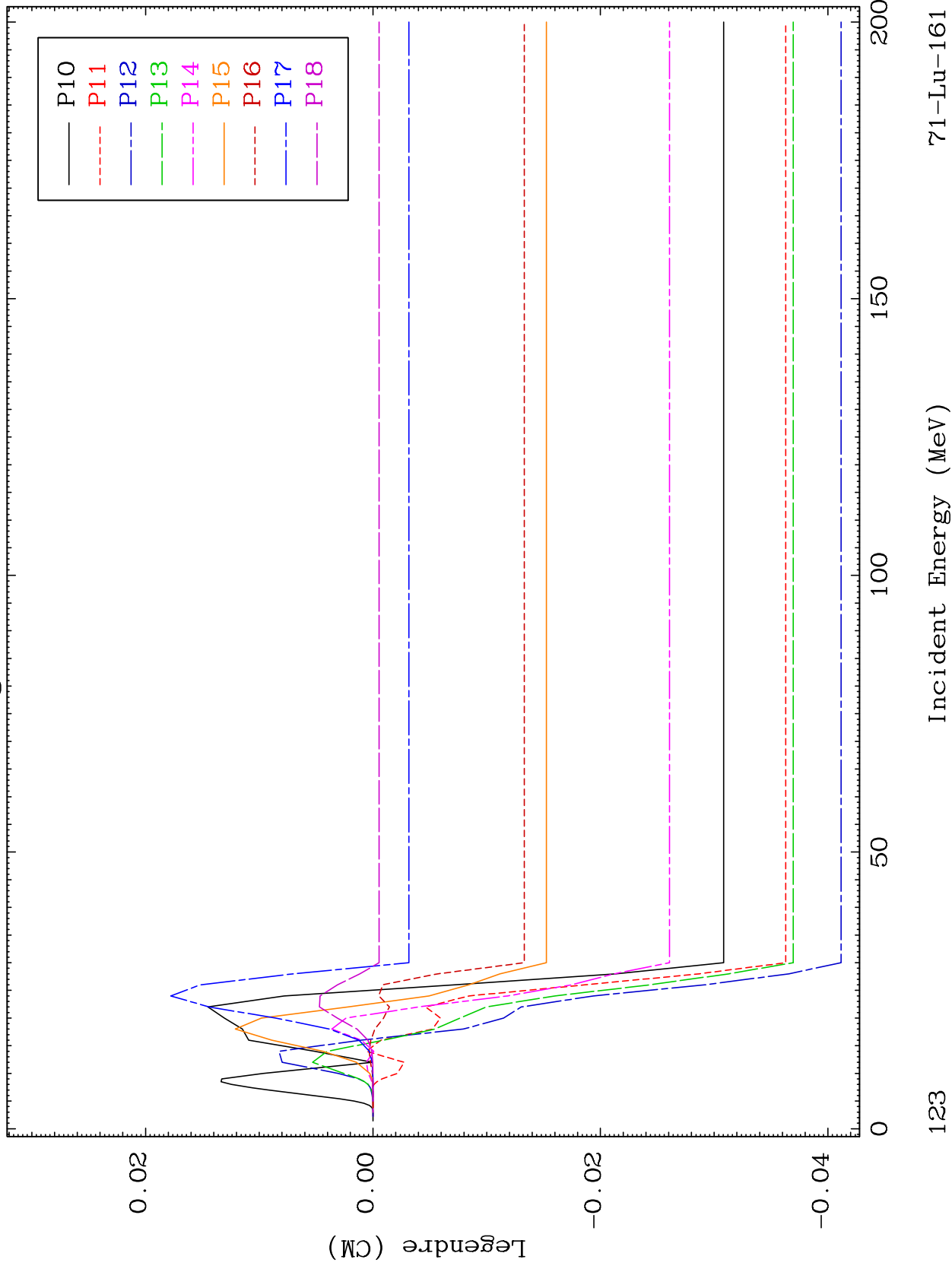
121



MAT 7083

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

71-Lu-161



71-Lu-161

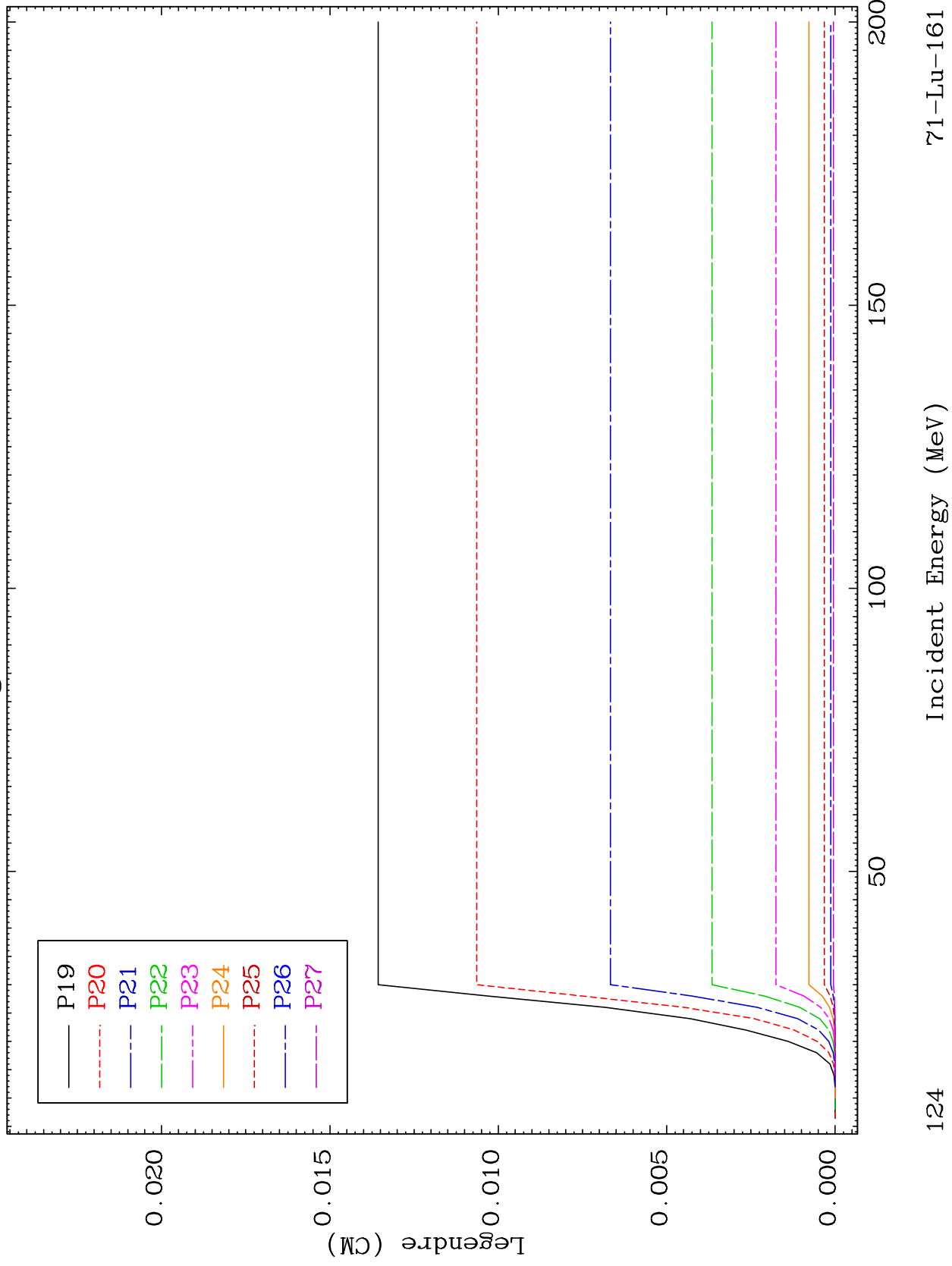
Incident Energy (MeV)

123

MAT 7083

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

71-Lu-161



124

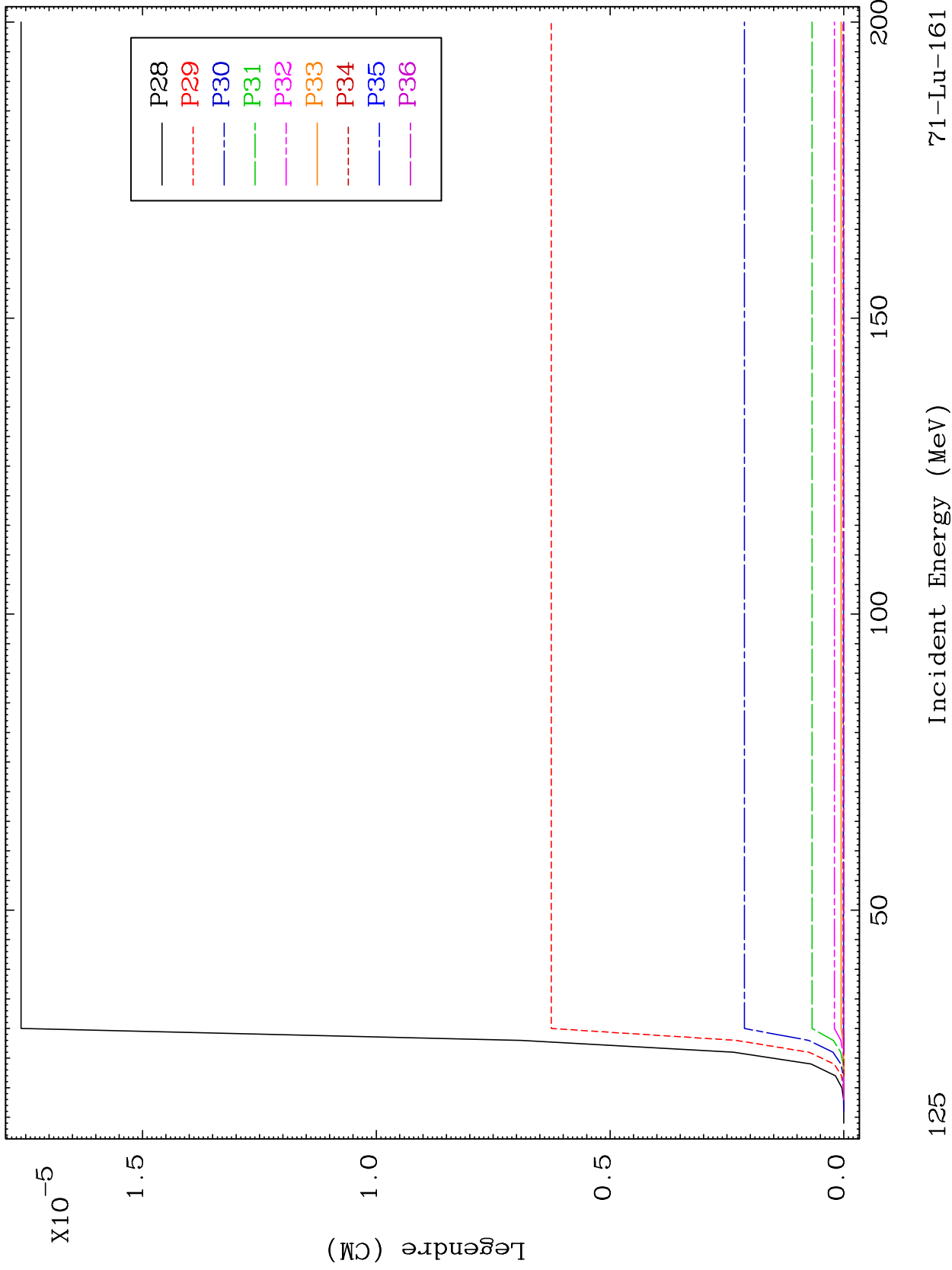
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

71-Lu-161



125

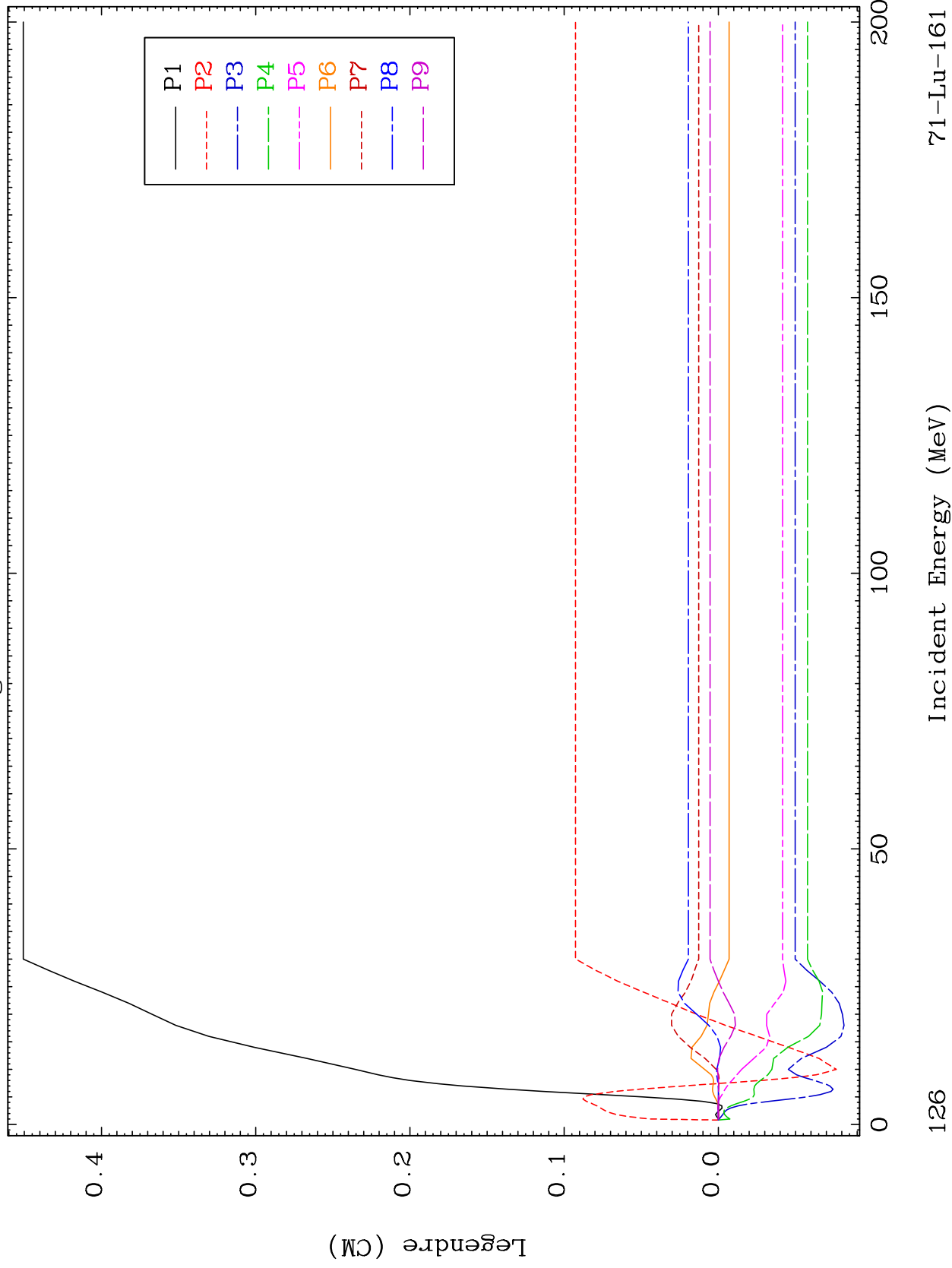
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

71-Lu-161



126

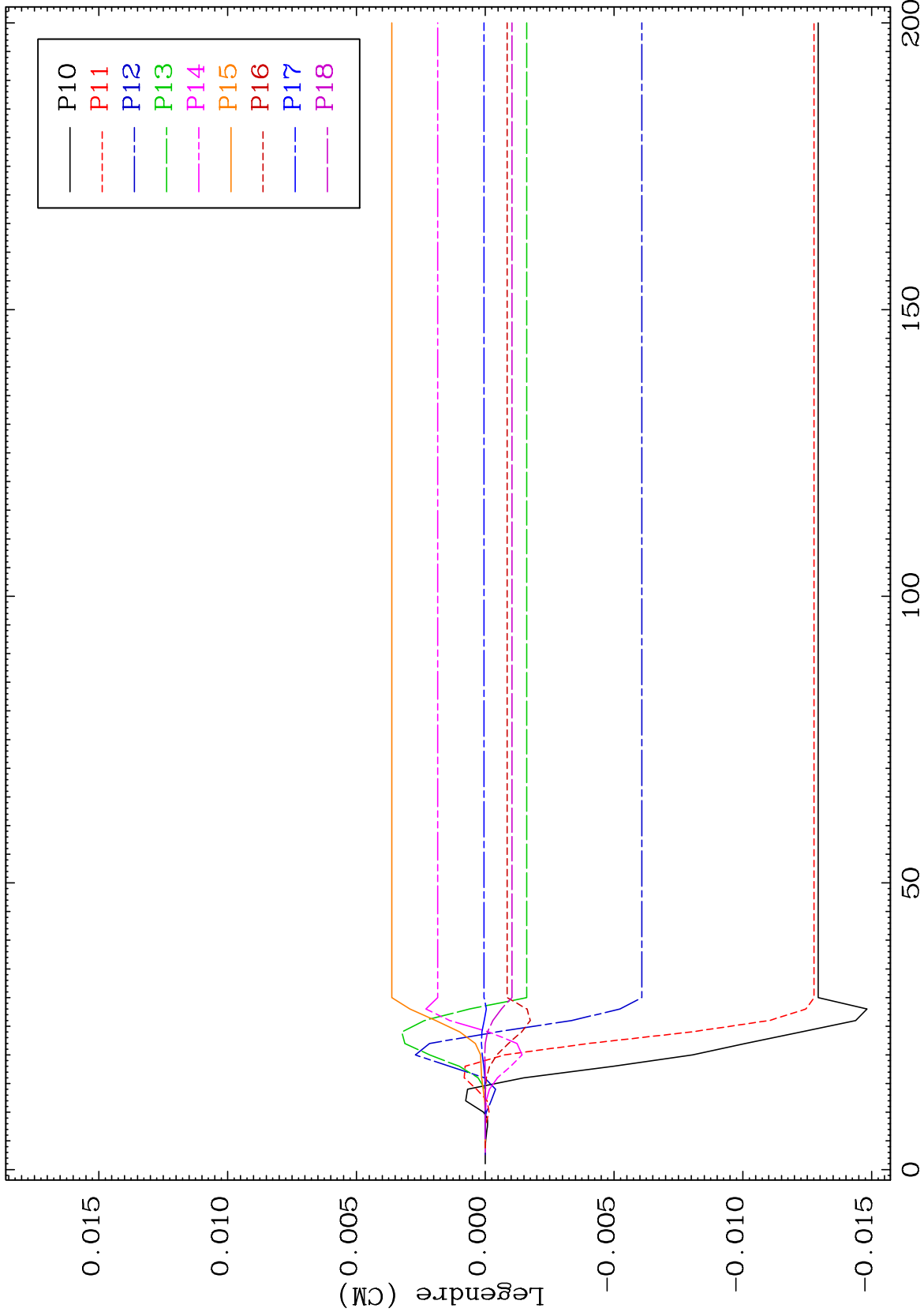
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

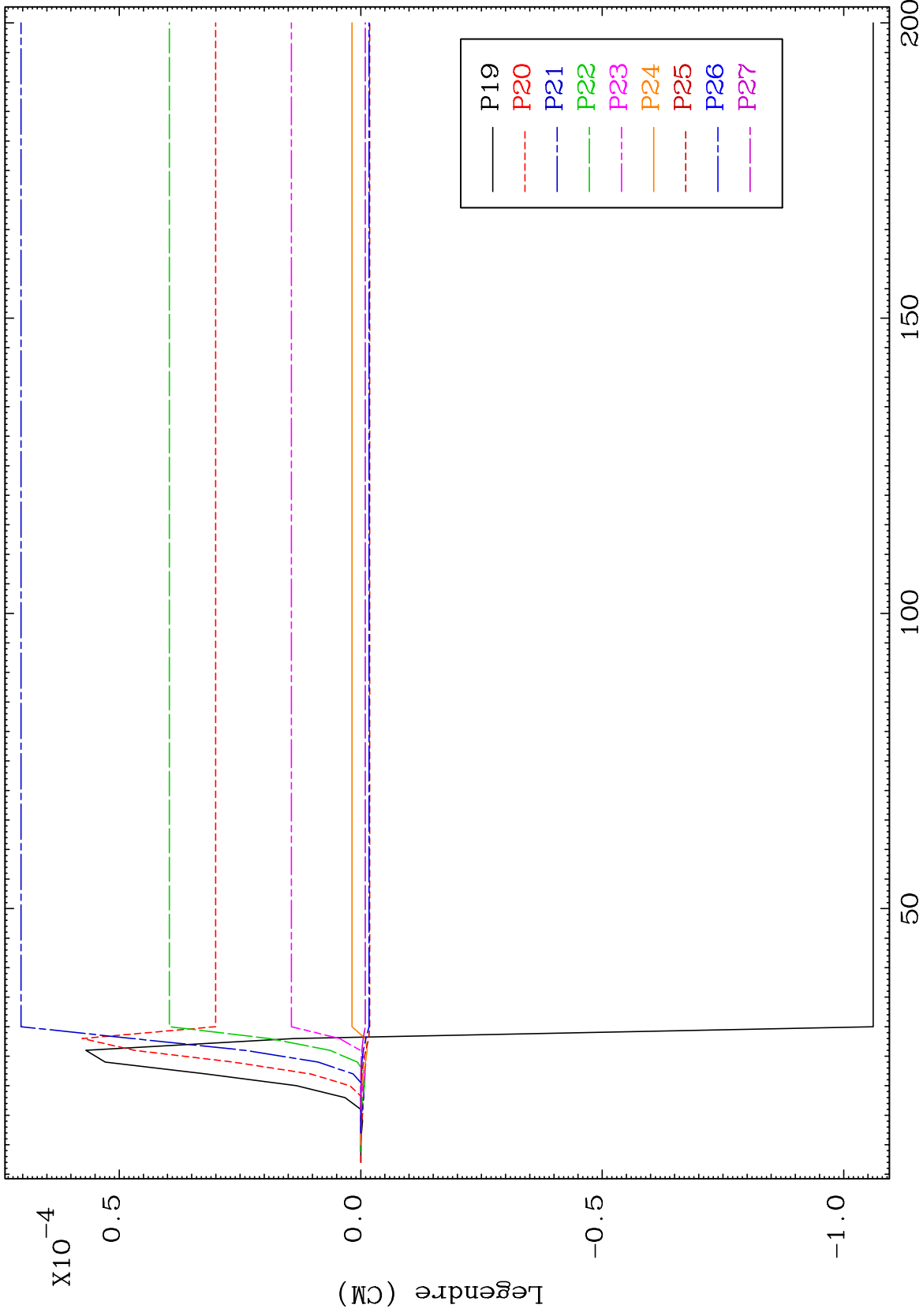
71-Lu-161

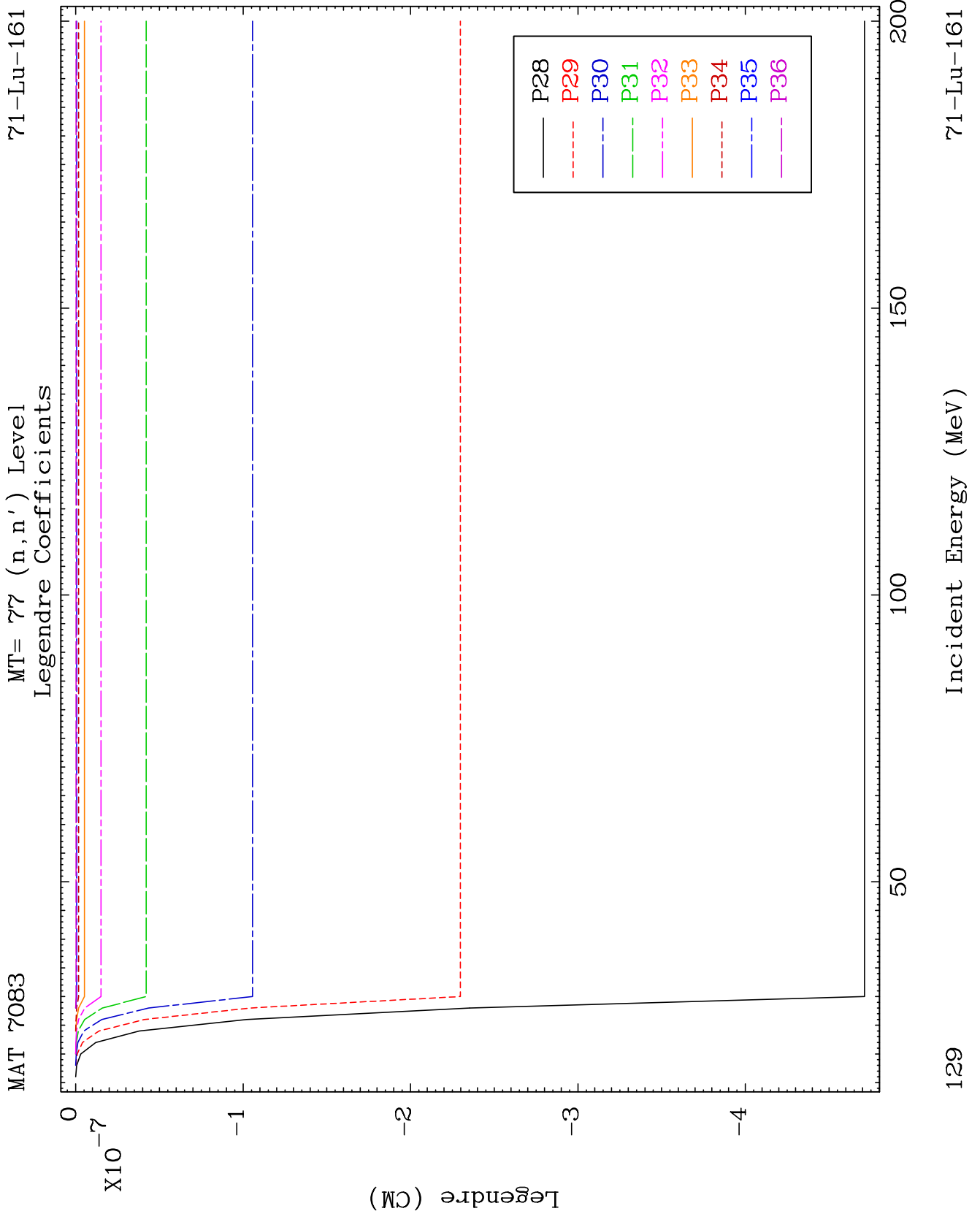


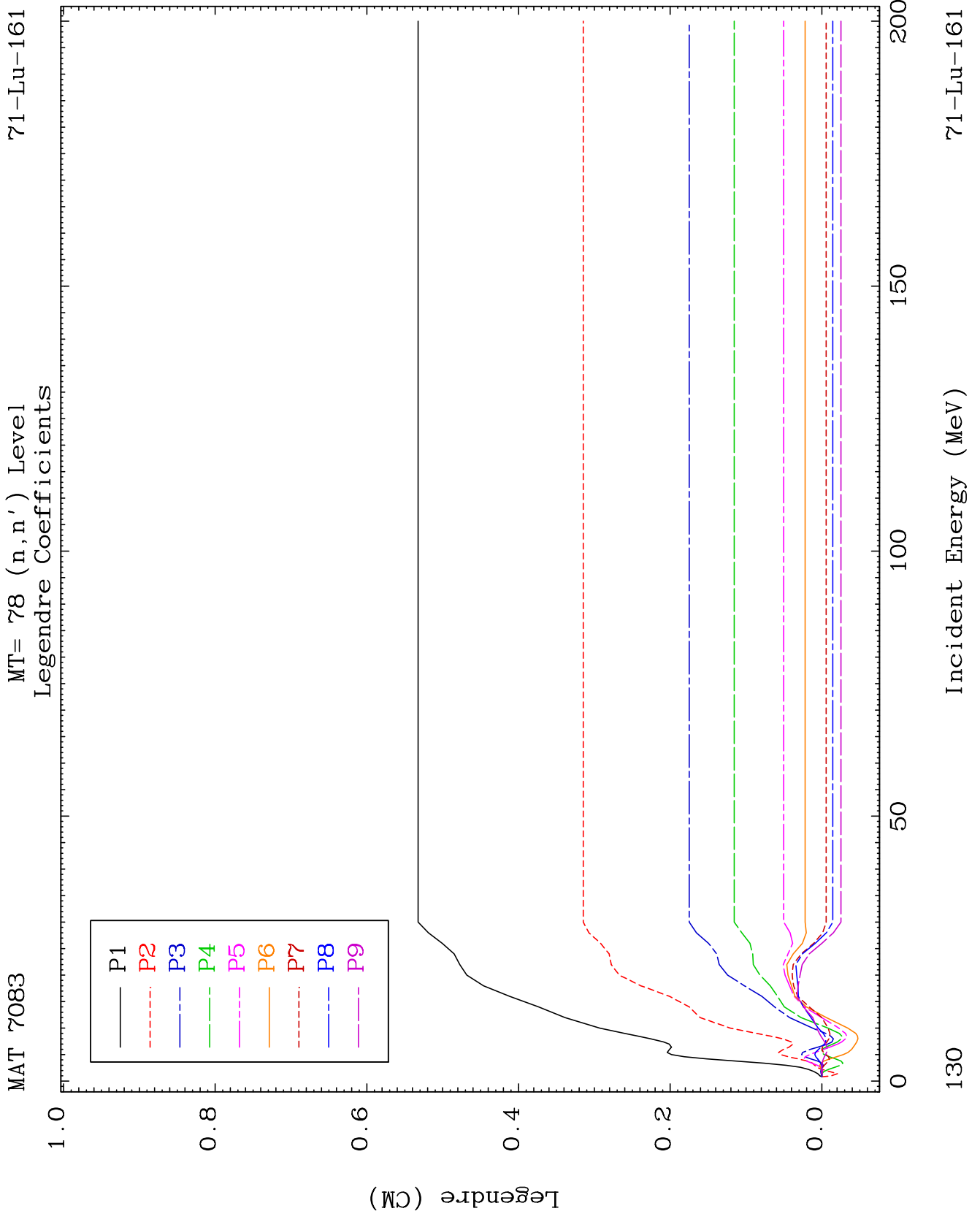
127

Incident Energy (MeV)

71-Lu-161



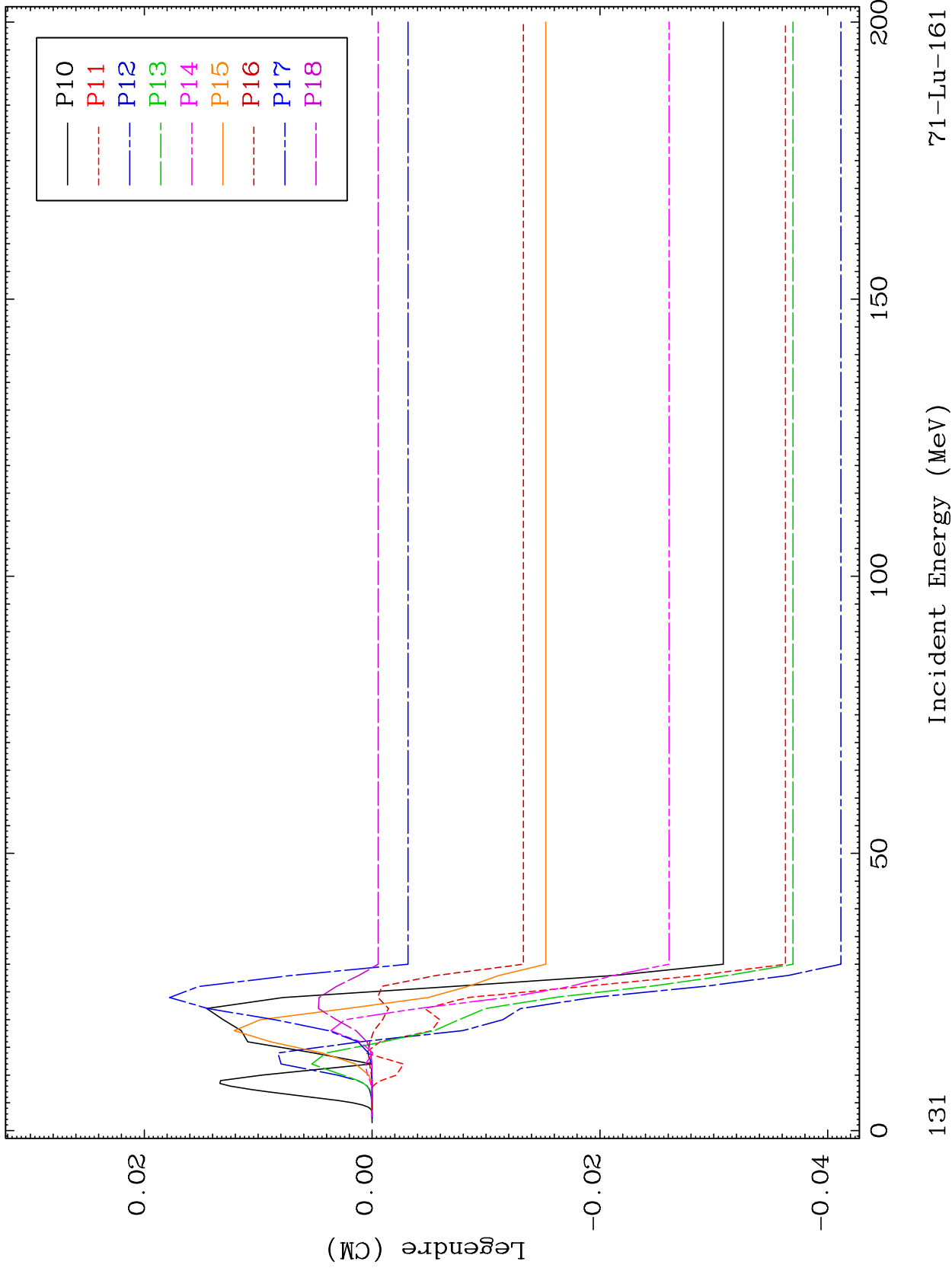




MAT 7083

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

71-Lu-161



131

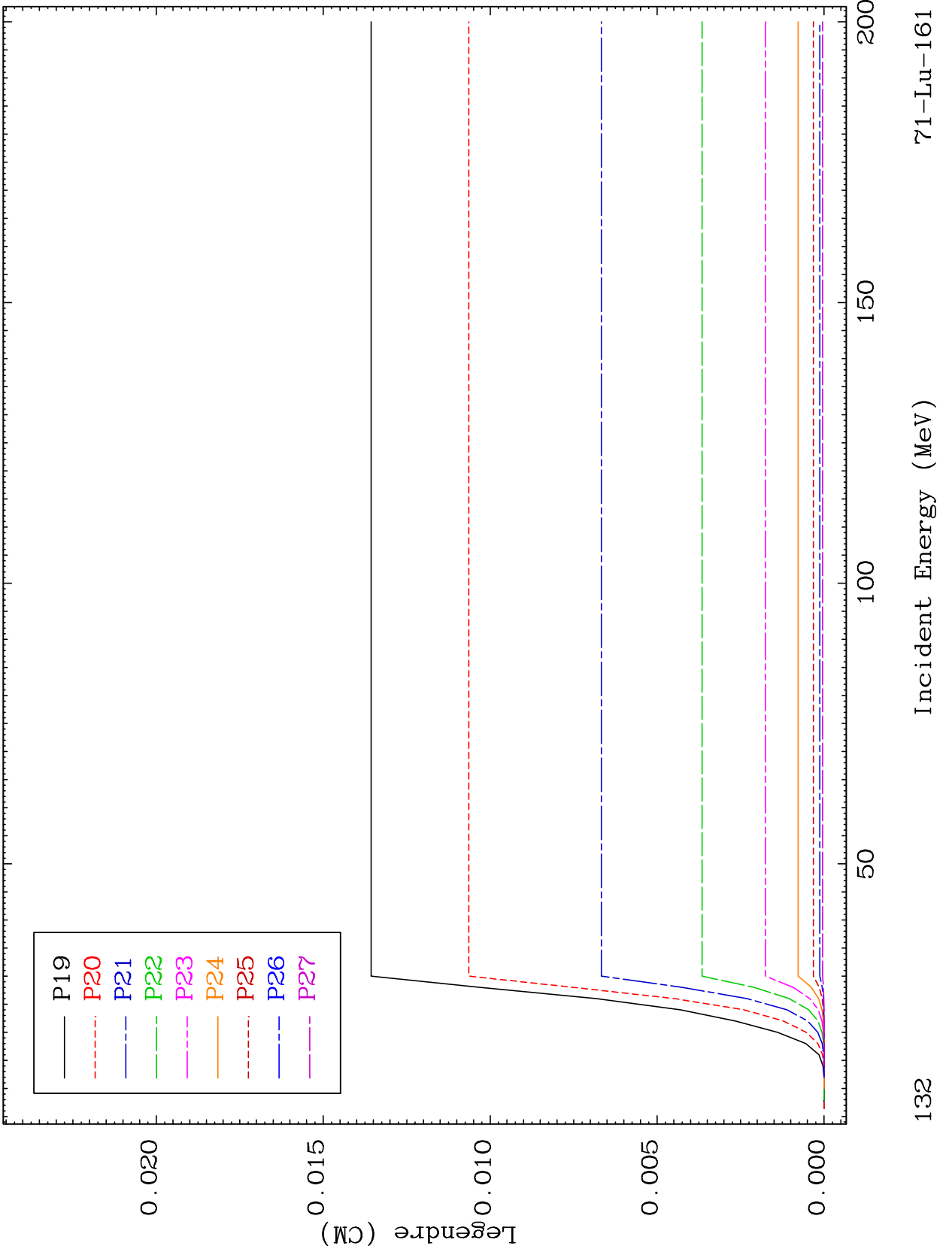
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

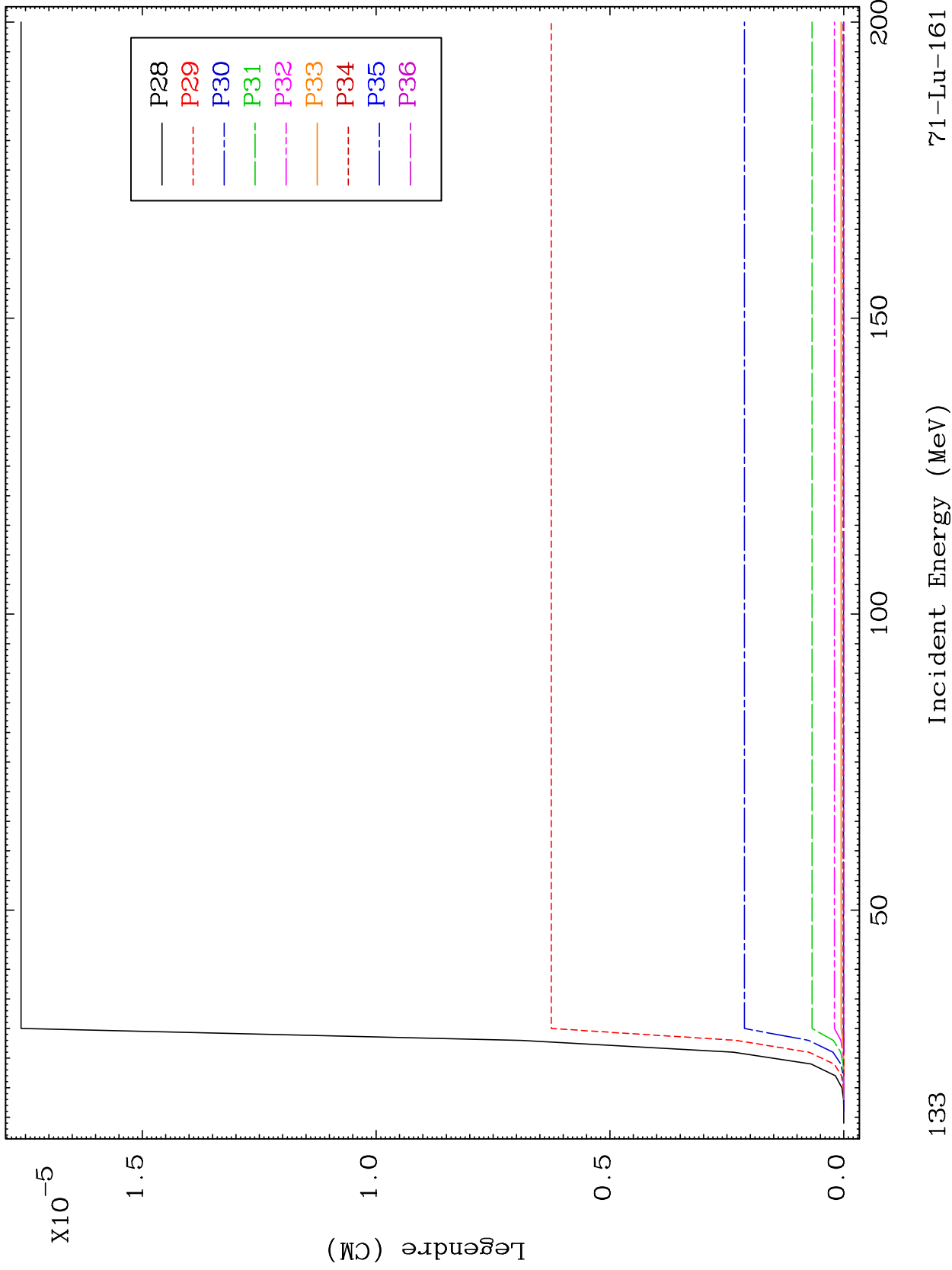
71-Lu-161



MAT 7083

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

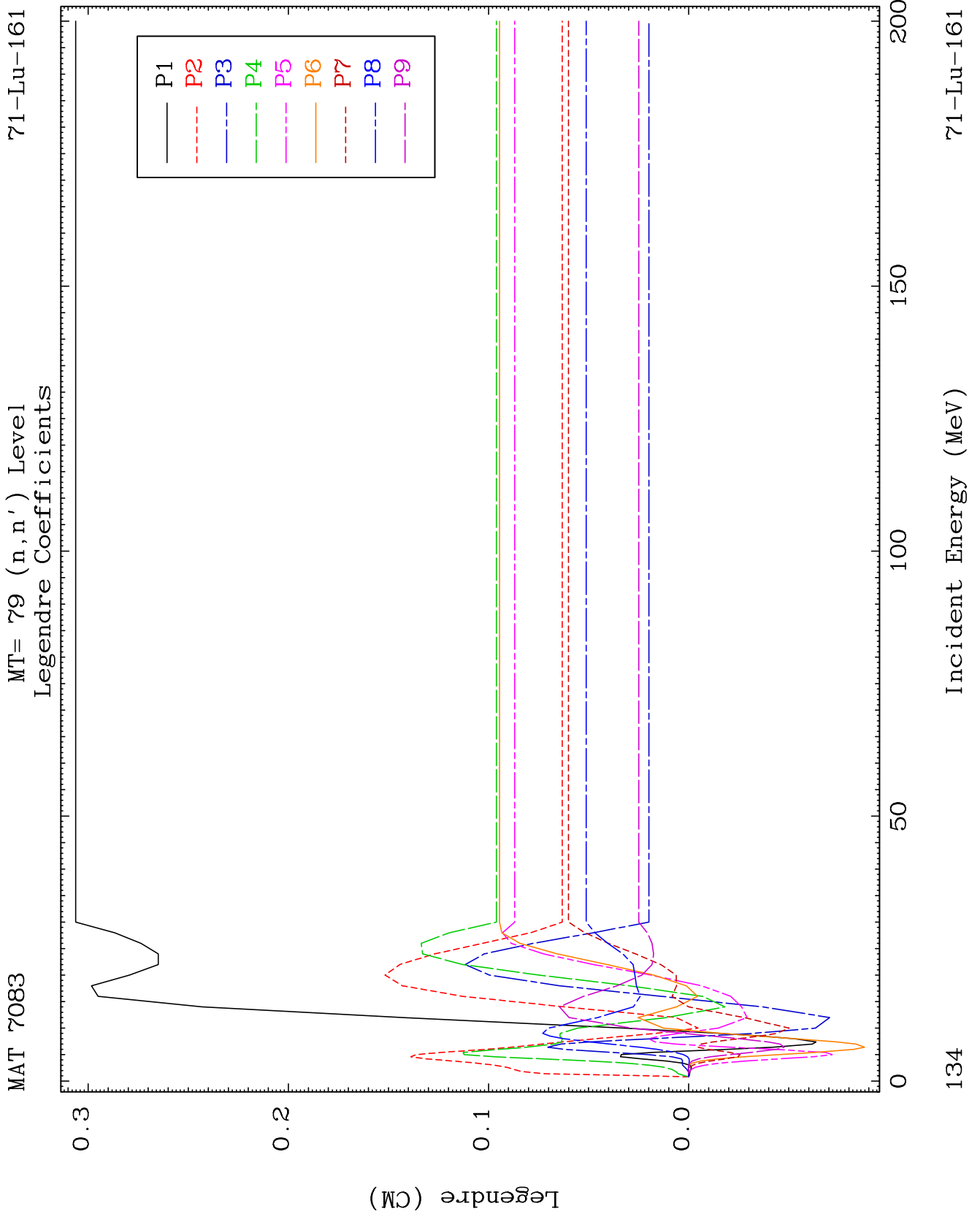
71-Lu-161



133

Incident Energy (MeV)

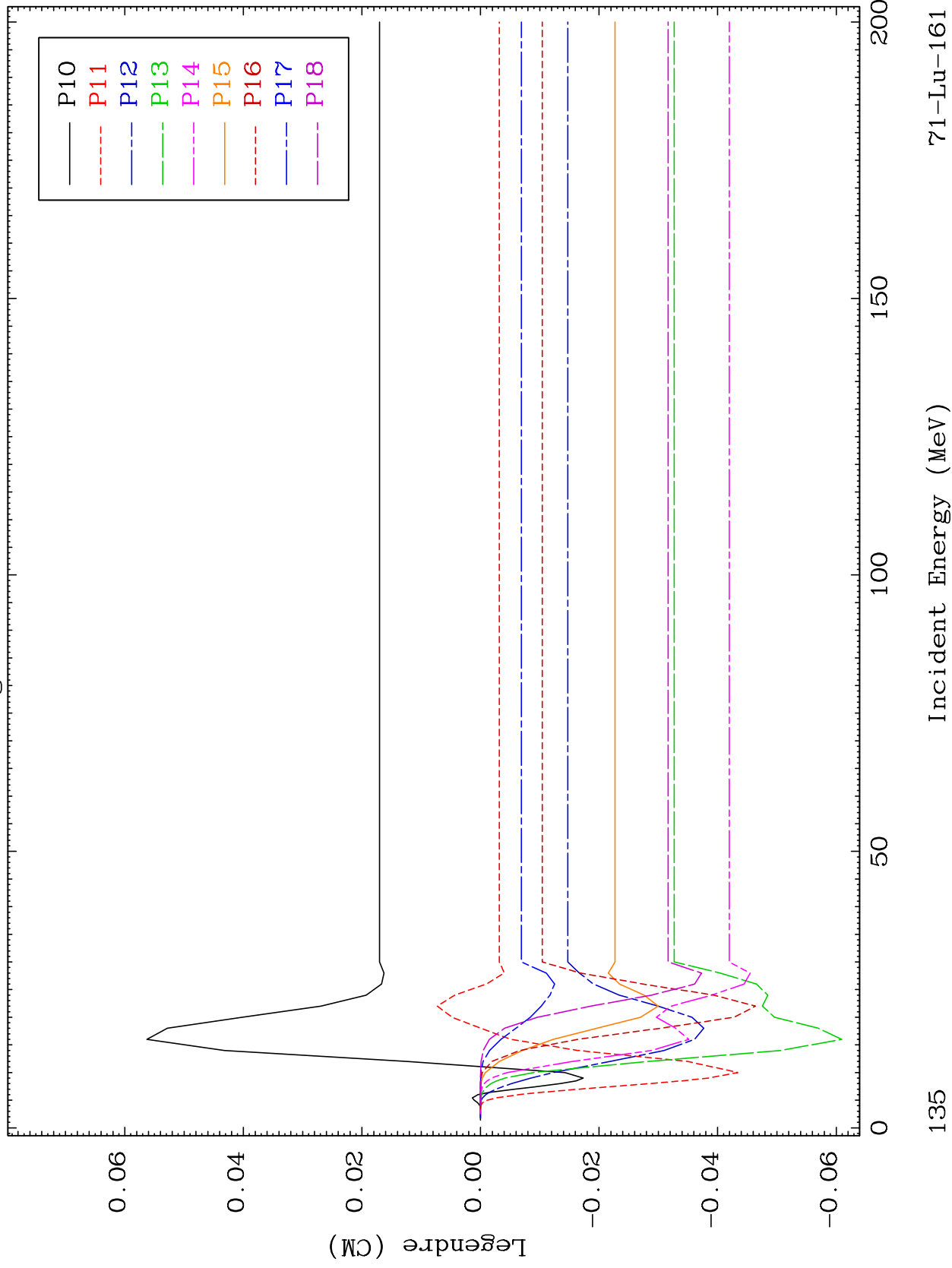
71-Lu-161



MAT 7083

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

71-Lu-161



71-Lu-161

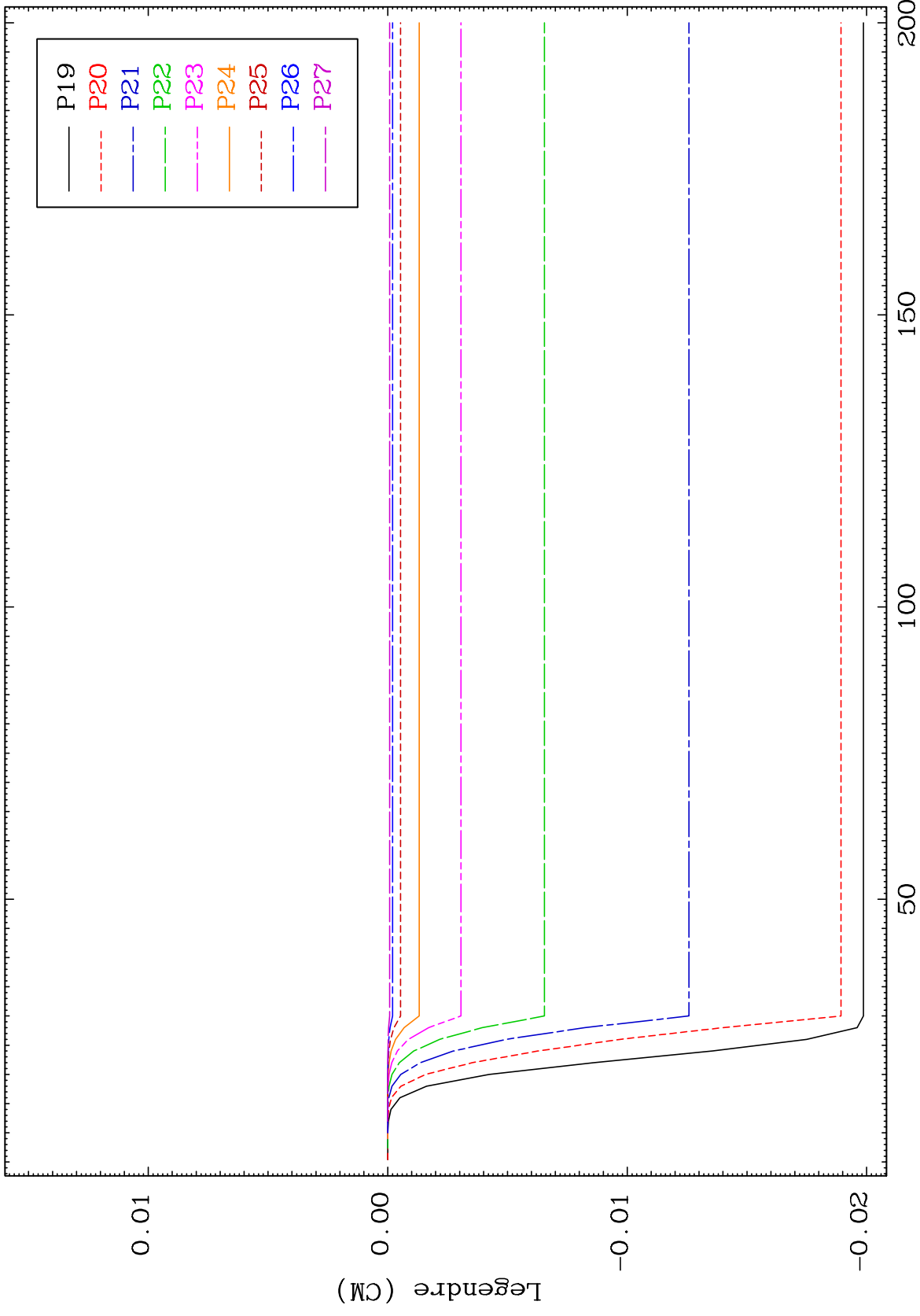
Incident Energy (MeV)

135

MAT 7083

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

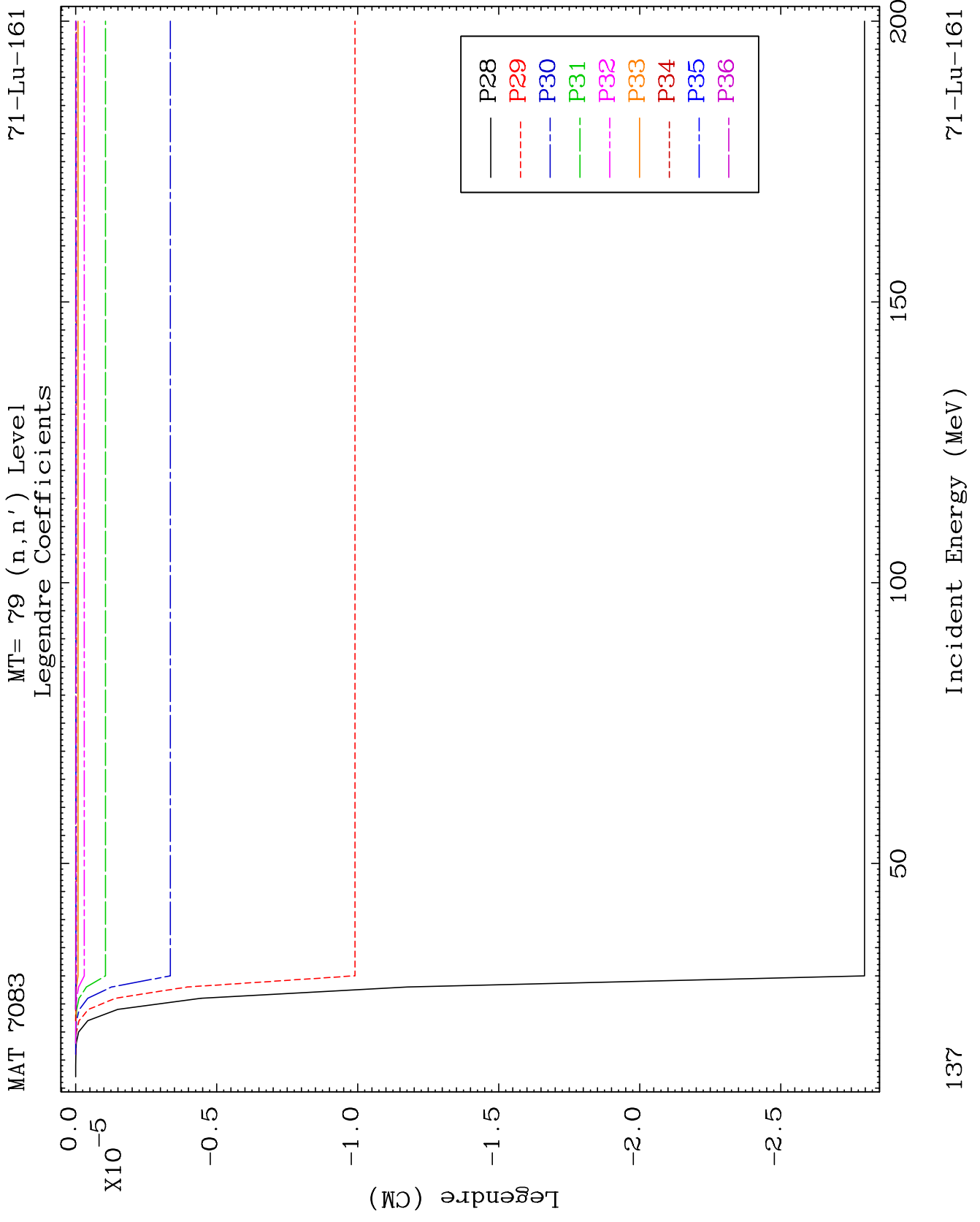
71-Lu-161



136

Incident Energy (MeV)

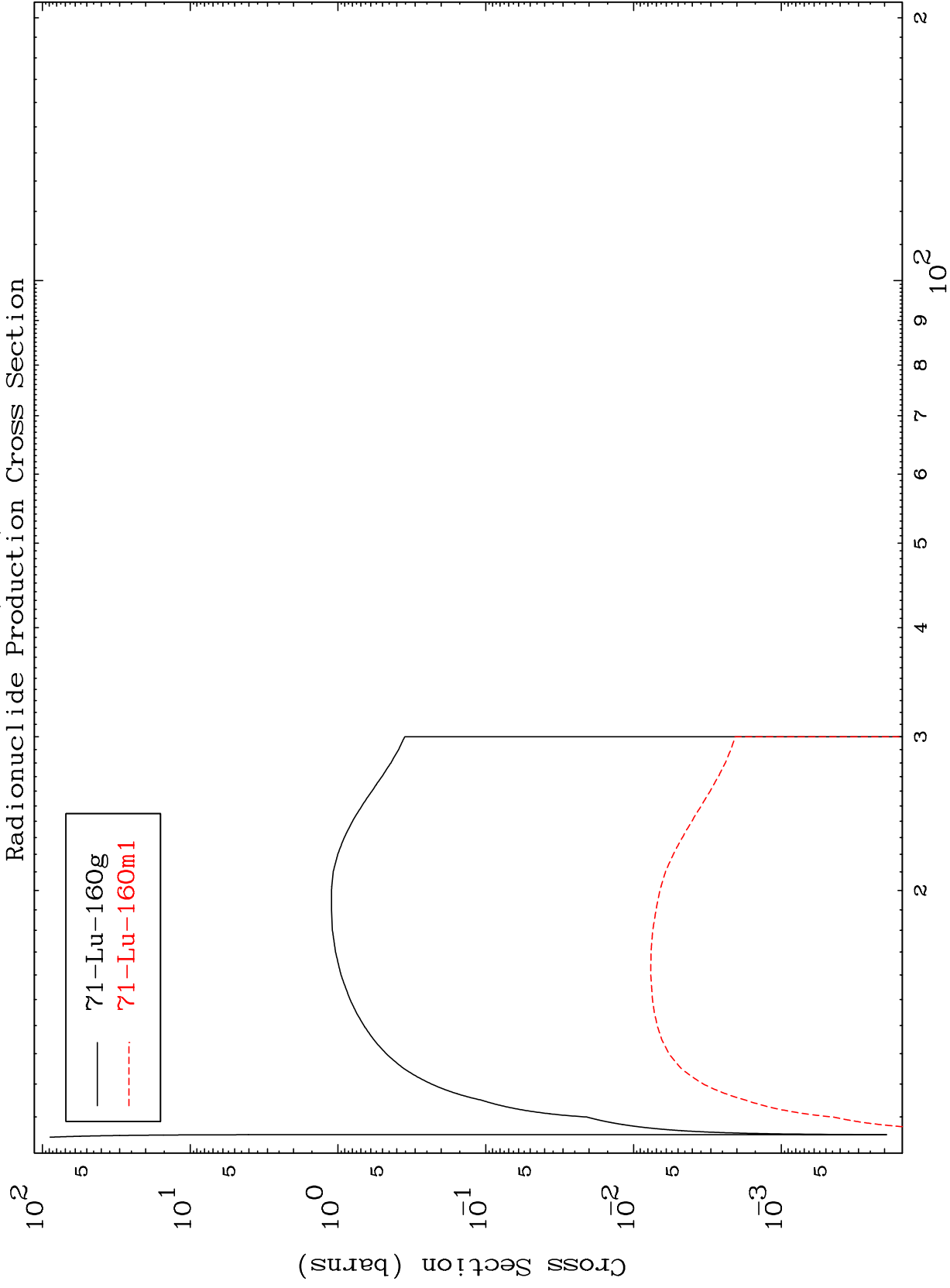
71-Lu-161



MAT 7083

⁷¹Lu-161

(n,2n)
Radionuclide Production Cross Section



138

⁷¹Lu-161

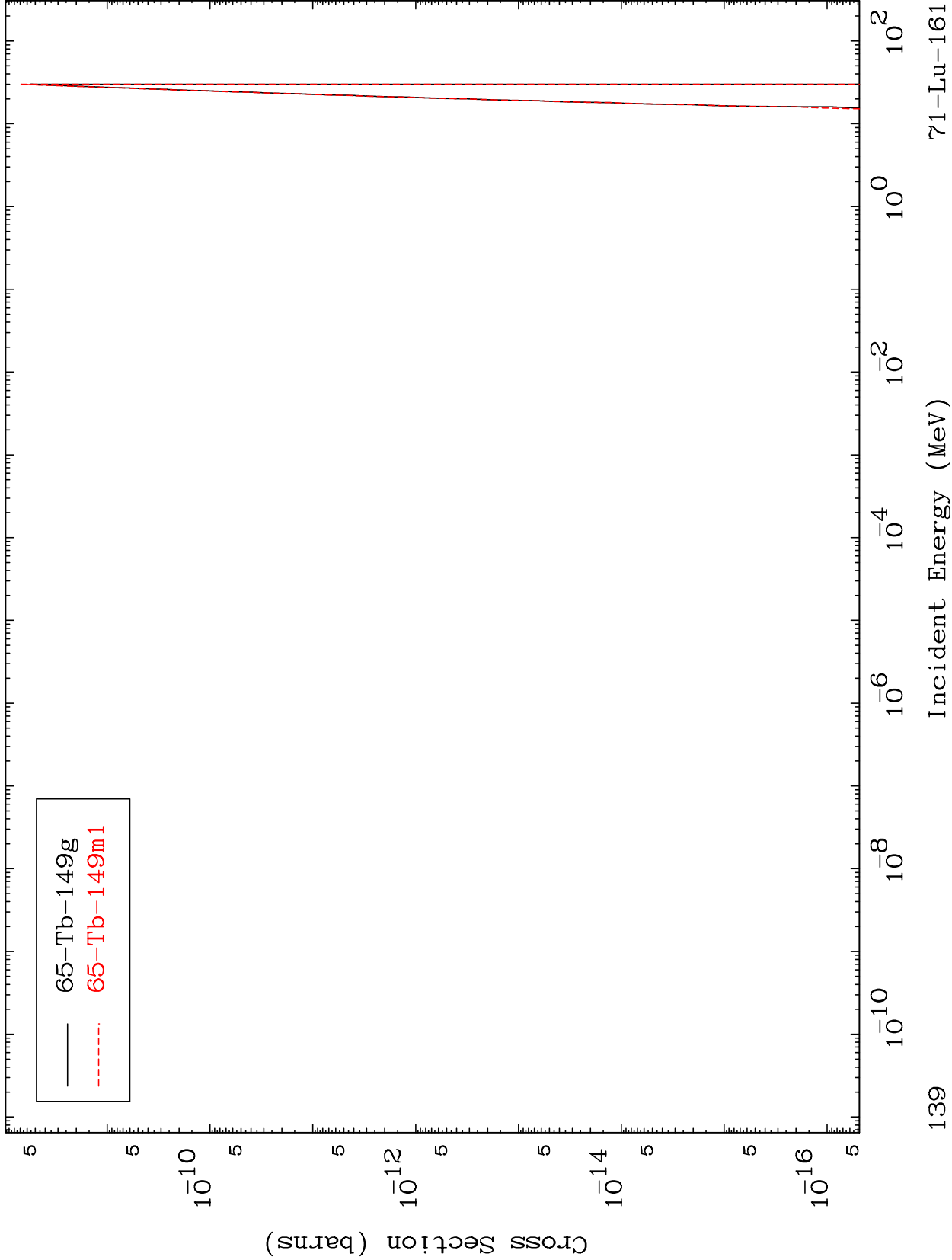
Incident Energy (MeV)

MAT 7083

(n,n') 3 α

71-Lu-161

Radionuclide Production Cross Section



139

Incident Energy (MeV)

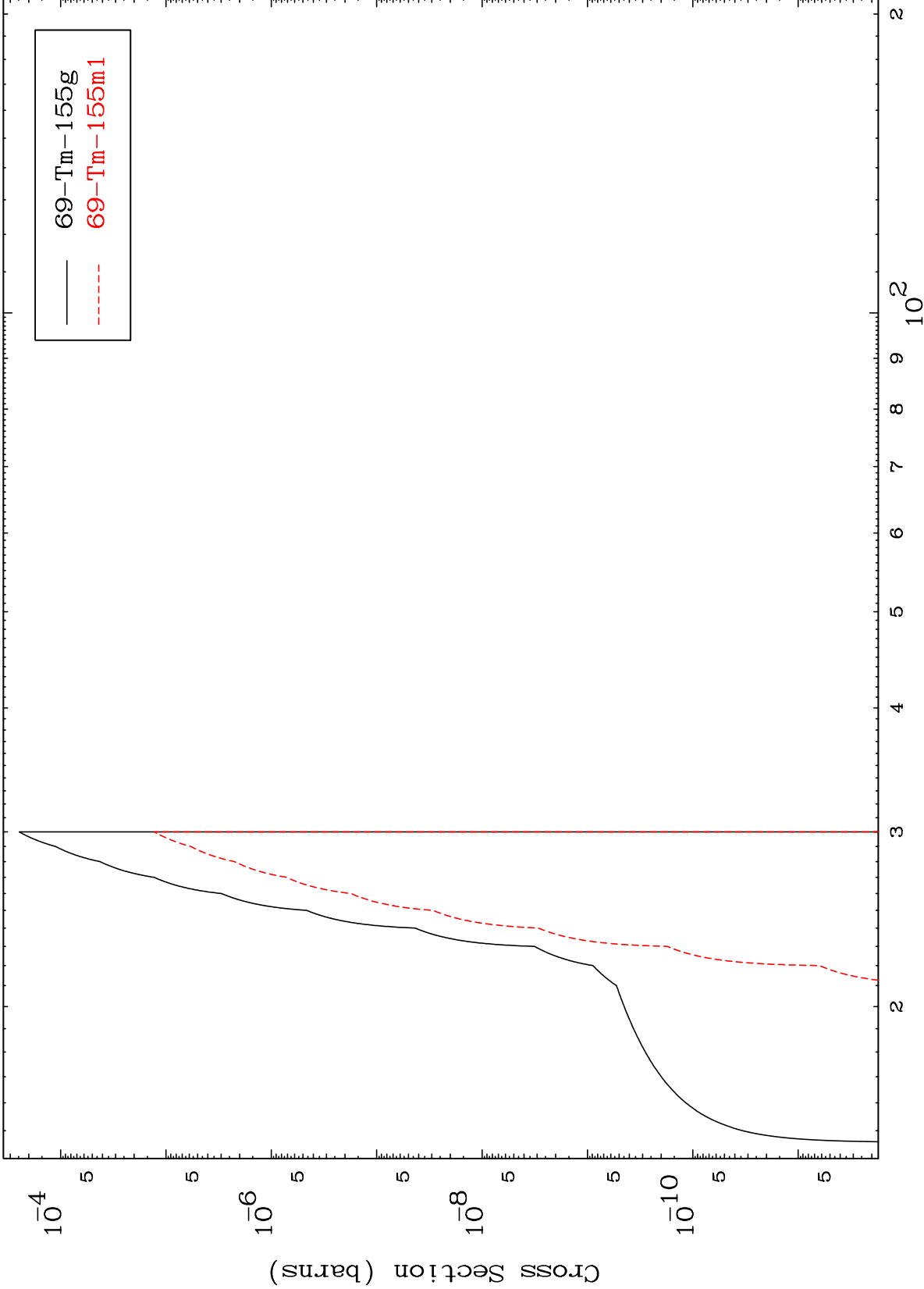
71-Lu-161

MAT 7083

(n,3n) α

71-Lu-161

Radionuclide Production Cross Section



140

Incident Energy (MeV)

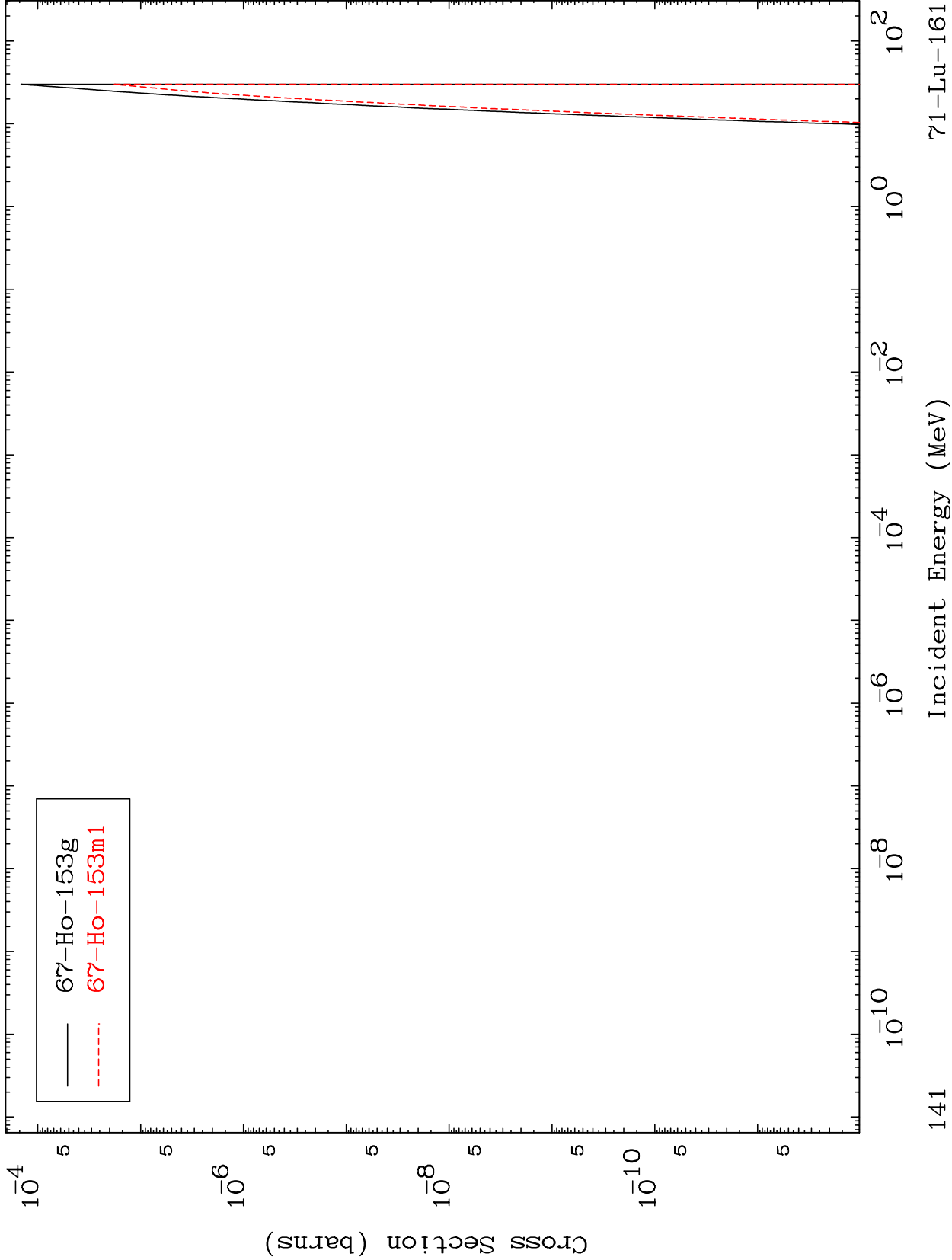
71-Lu-161

MAT 7083

(n,n') 2α

71-Lu-161

Radionuclide Production Cross Section



141

Incident Energy (MeV)

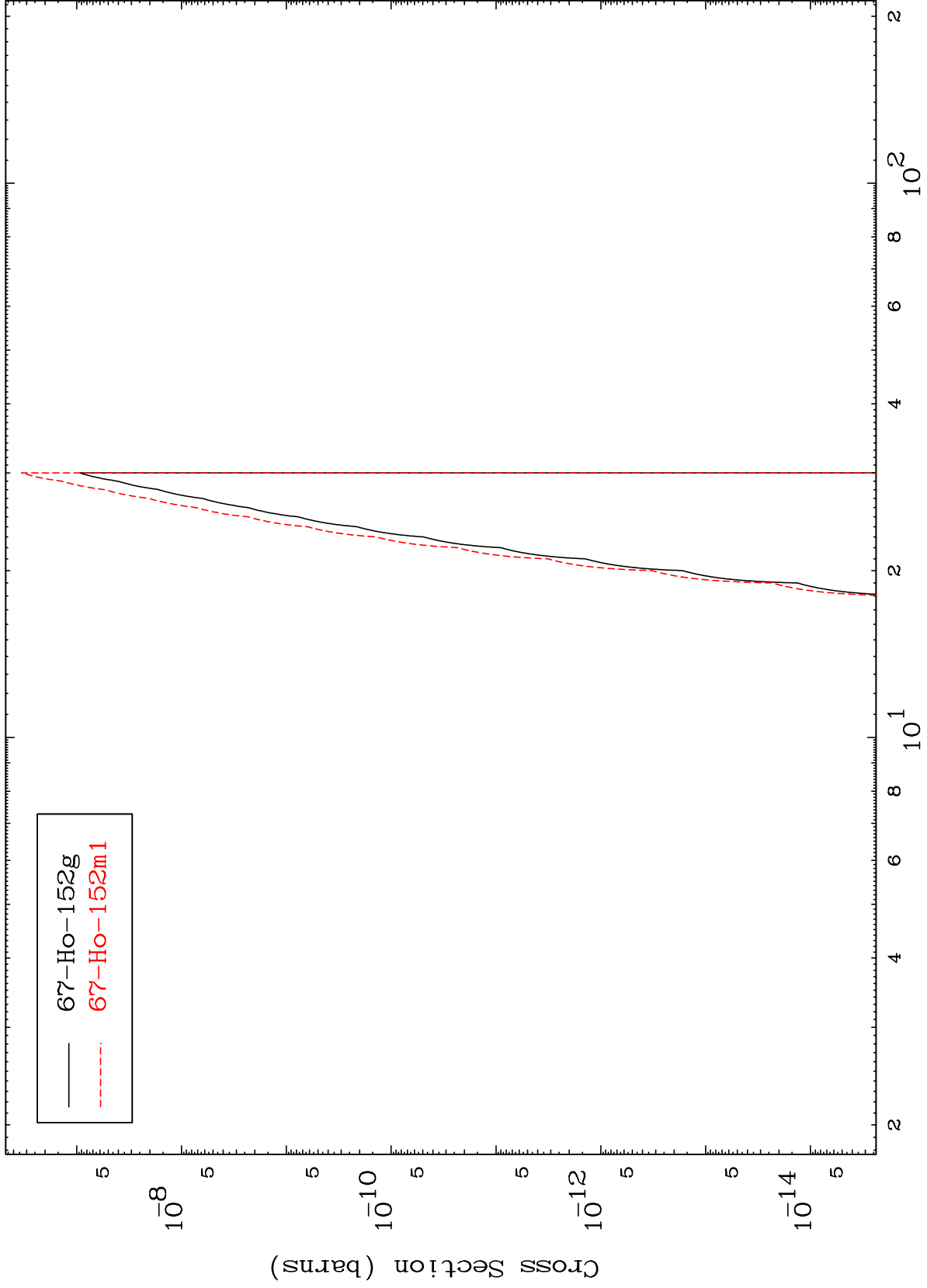
71-Lu-161

MAT 7083

(n,2n) 2α

71-Lu-161

Radionuclide Production Cross Section



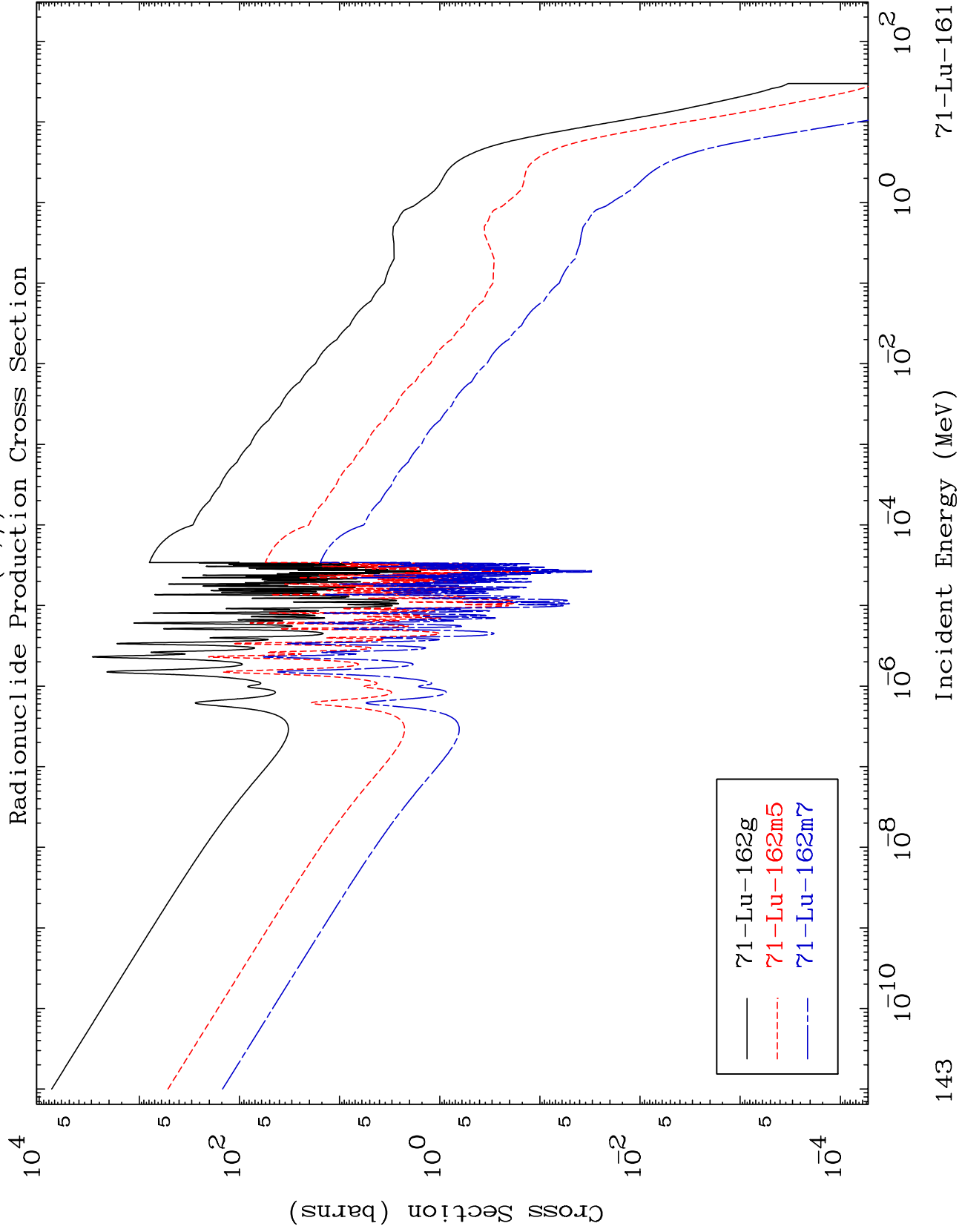
142

Incident Energy (MeV)

71-Lu-161

MAT 7083

$^{71}\text{Lu-161}$

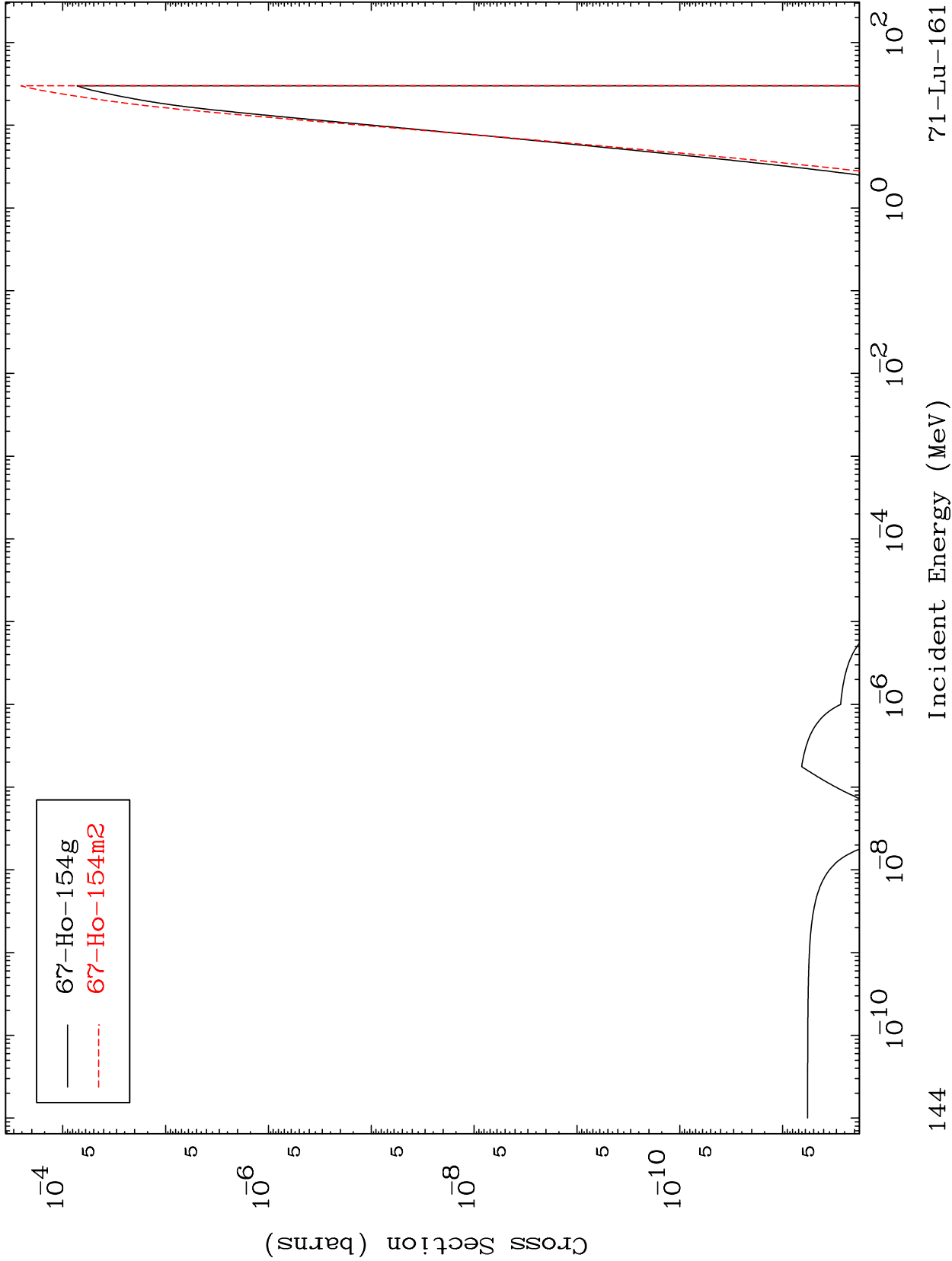


MAT 7083

(n,2α)

⁷¹Lu-161

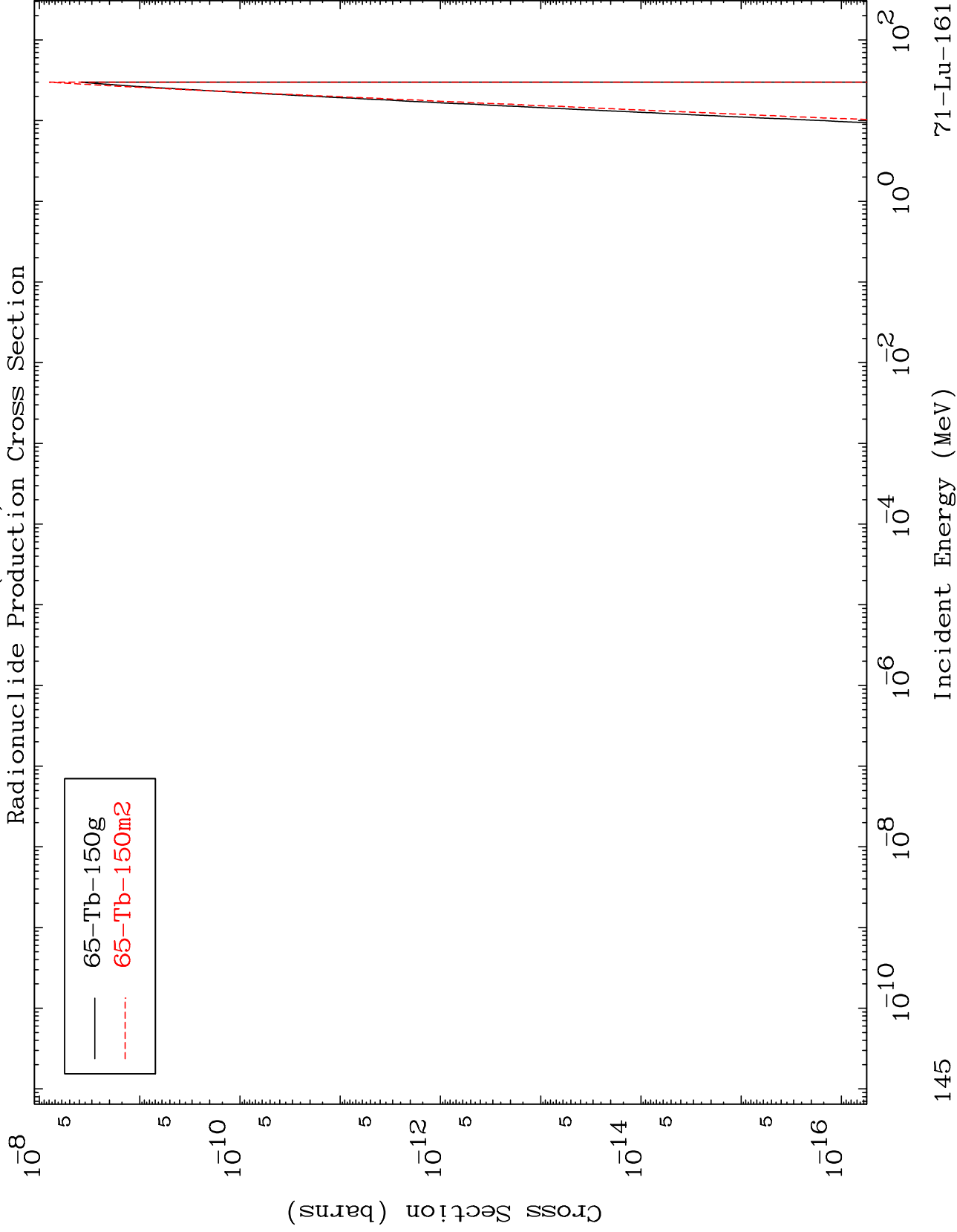
Radionuclide Production Cross Section



MAT 7083

(n, 3α)

⁷¹Lu-161

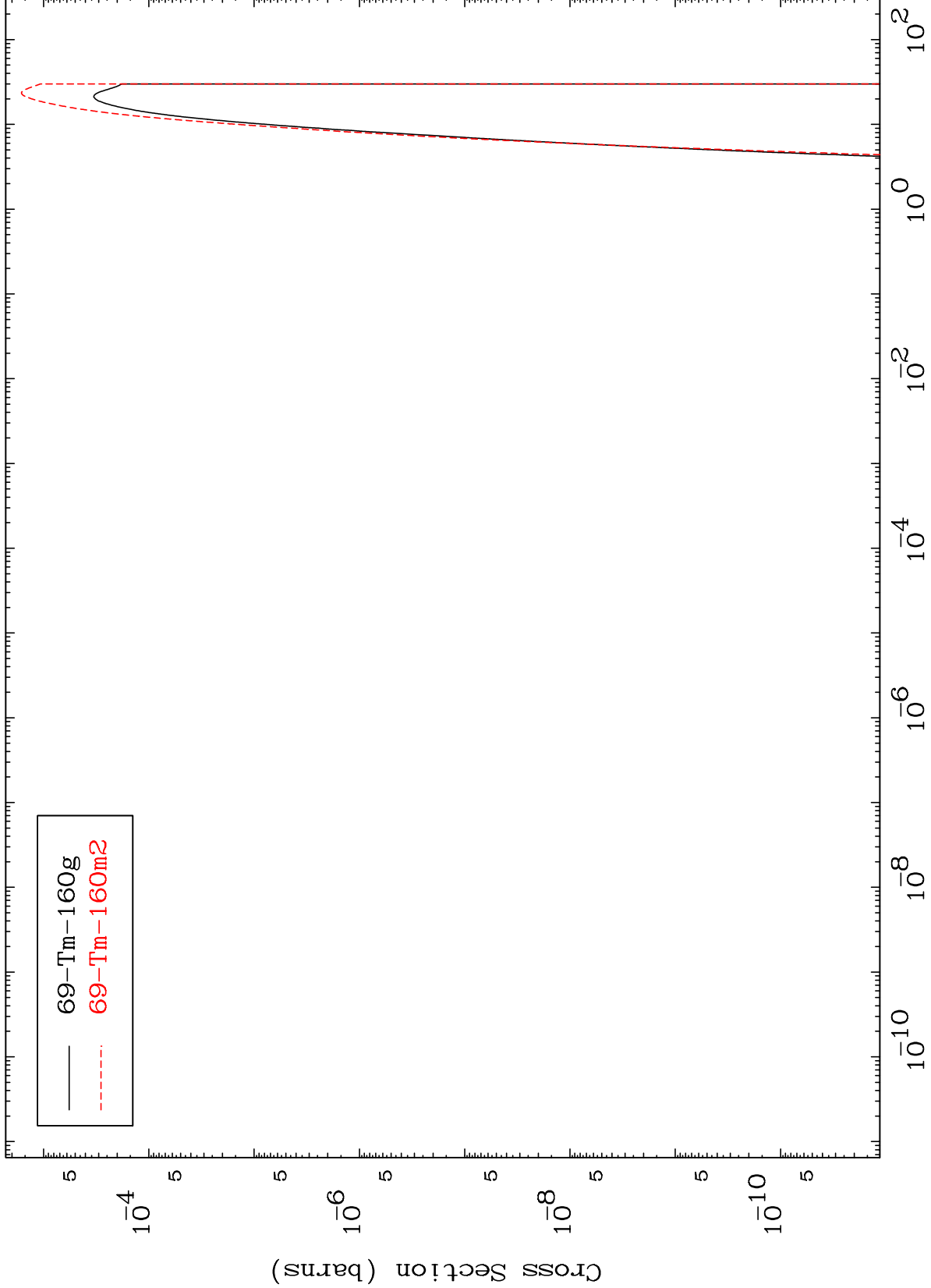


MAT 7083

(n,2p)

⁷¹Lu-161

Radionuclide Production Cross Section



— 69-Tm-160g
- - - 69-Tm-160m2

146

Incident Energy (MeV)

⁷¹Lu-161