

Program EVALPLOT
(Version 2021-1)

by

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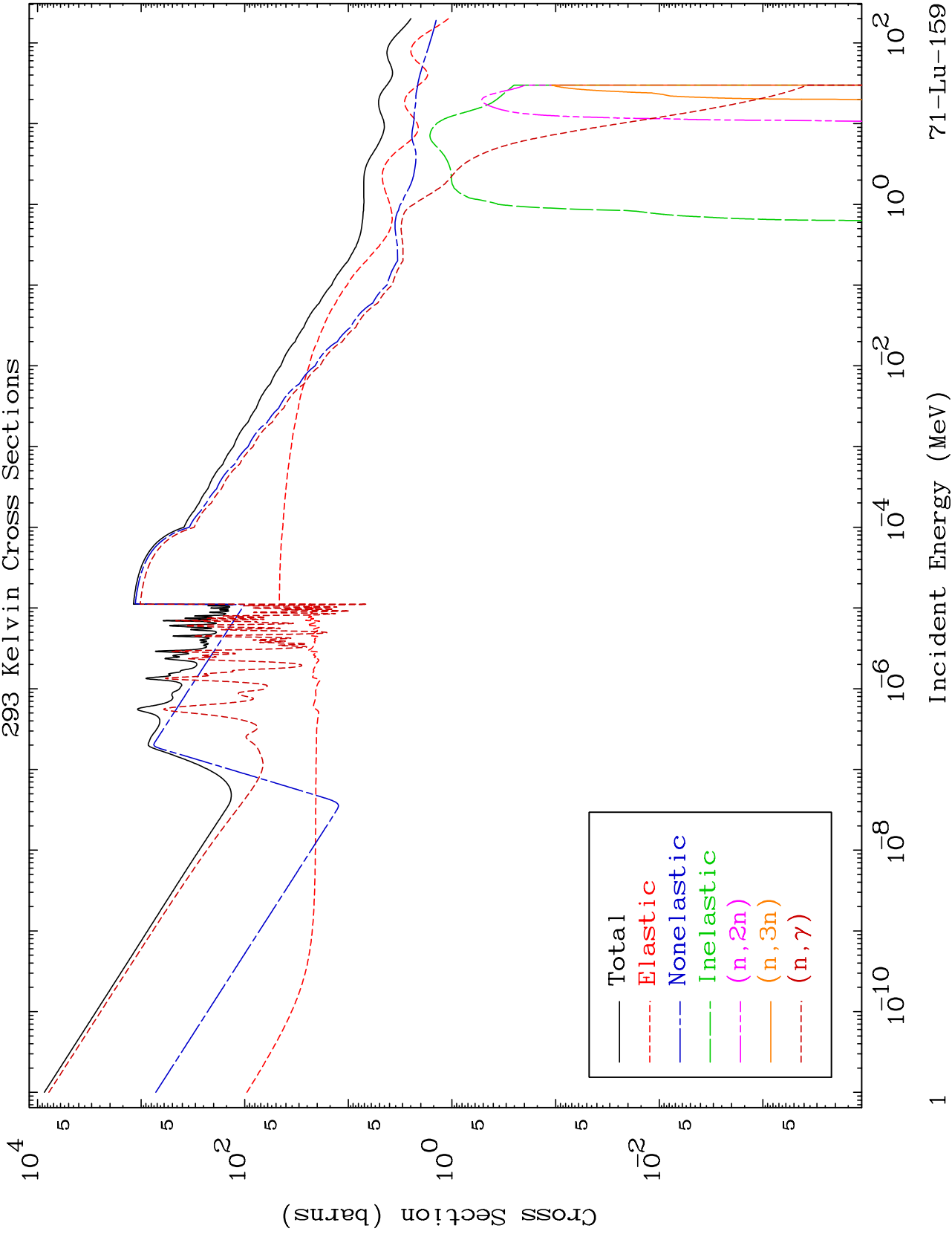
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Press Mouse Button to Start

MAT 70777

Neutron Major
293 Kelvin Cross Sections

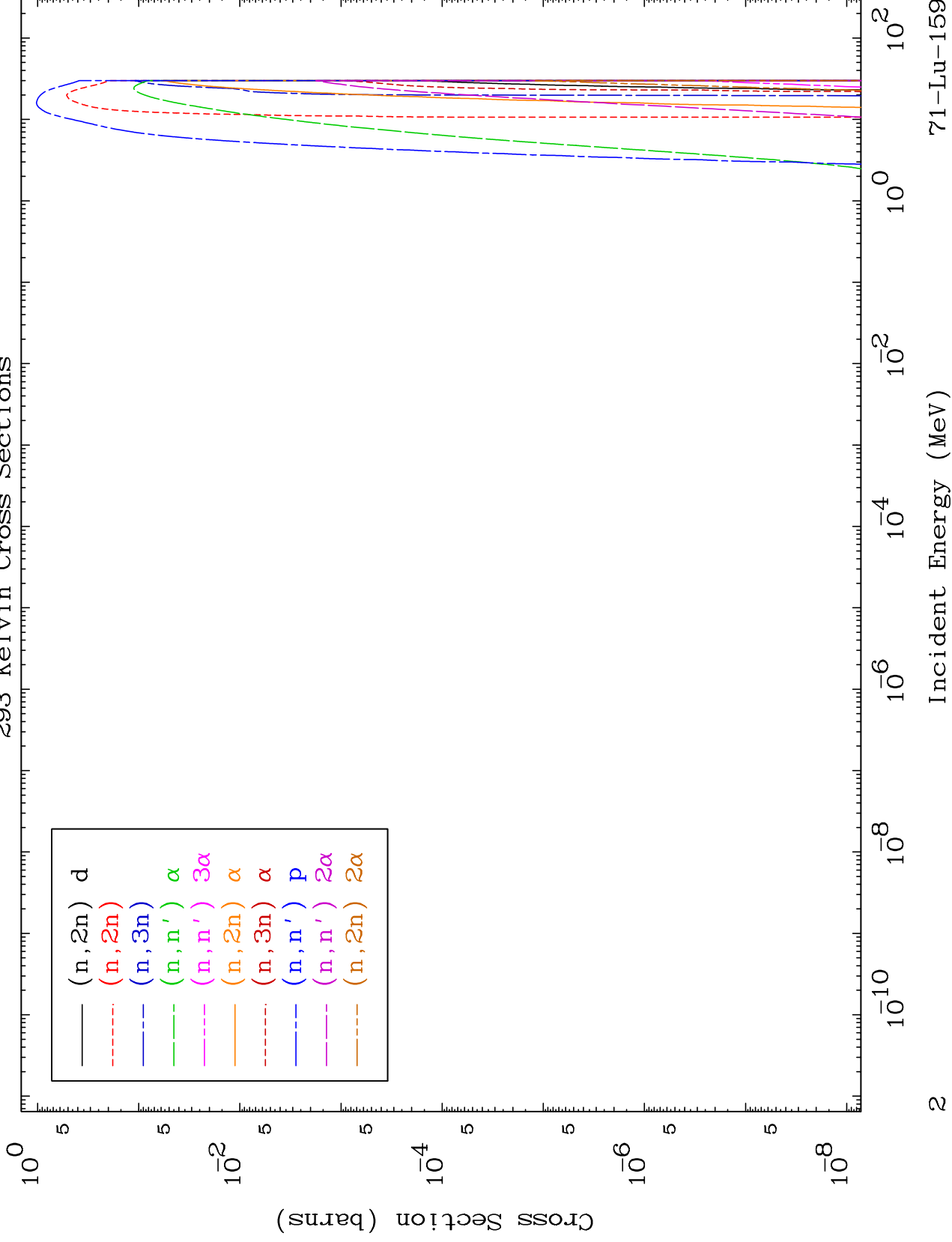
71-Lu-159



MAT 70777

Neutron Absorption
293 Kelvin Cross Sections

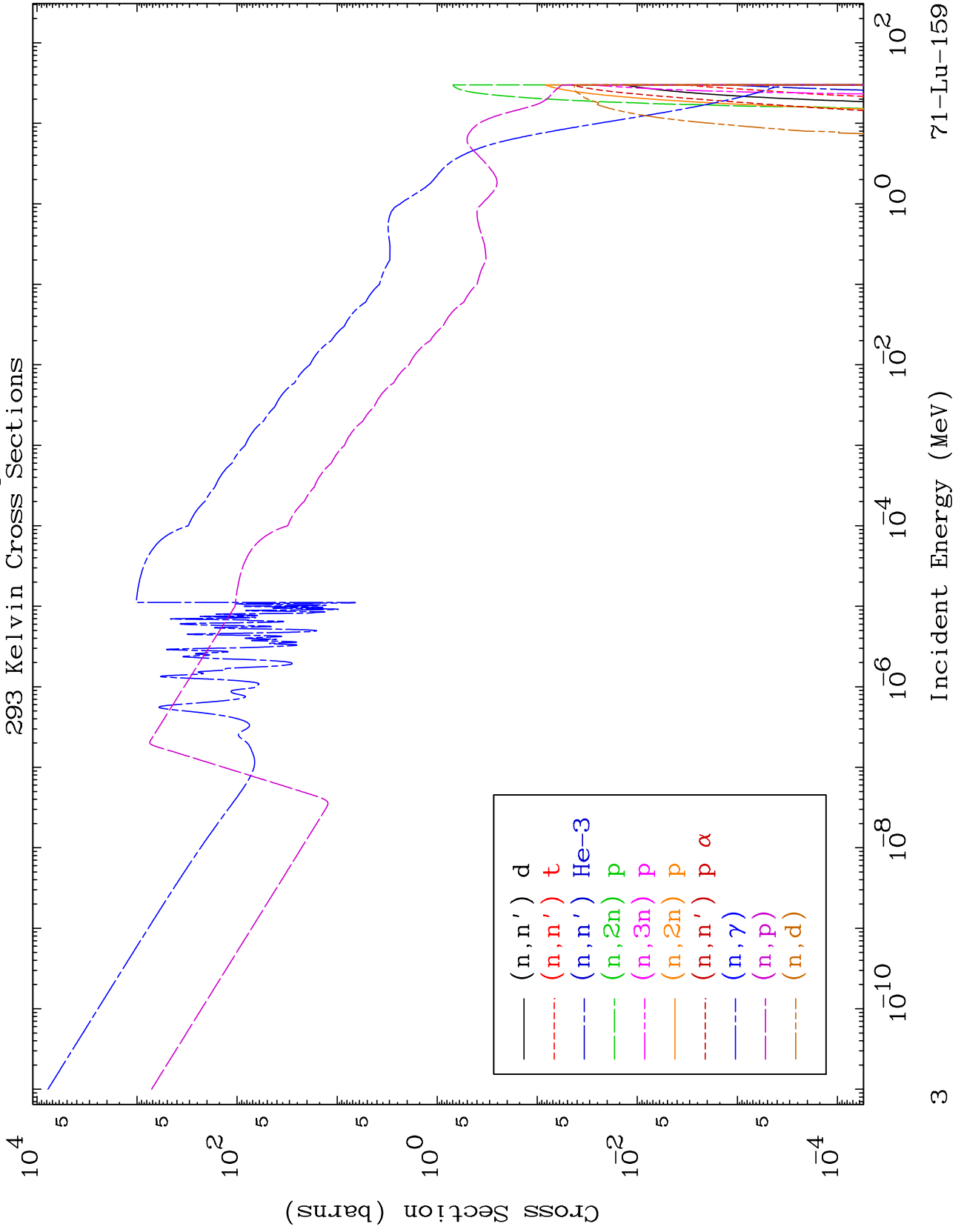
71-Lu-159



MAT 70777

Neutron Absorption
293 Kelvin Cross Sections

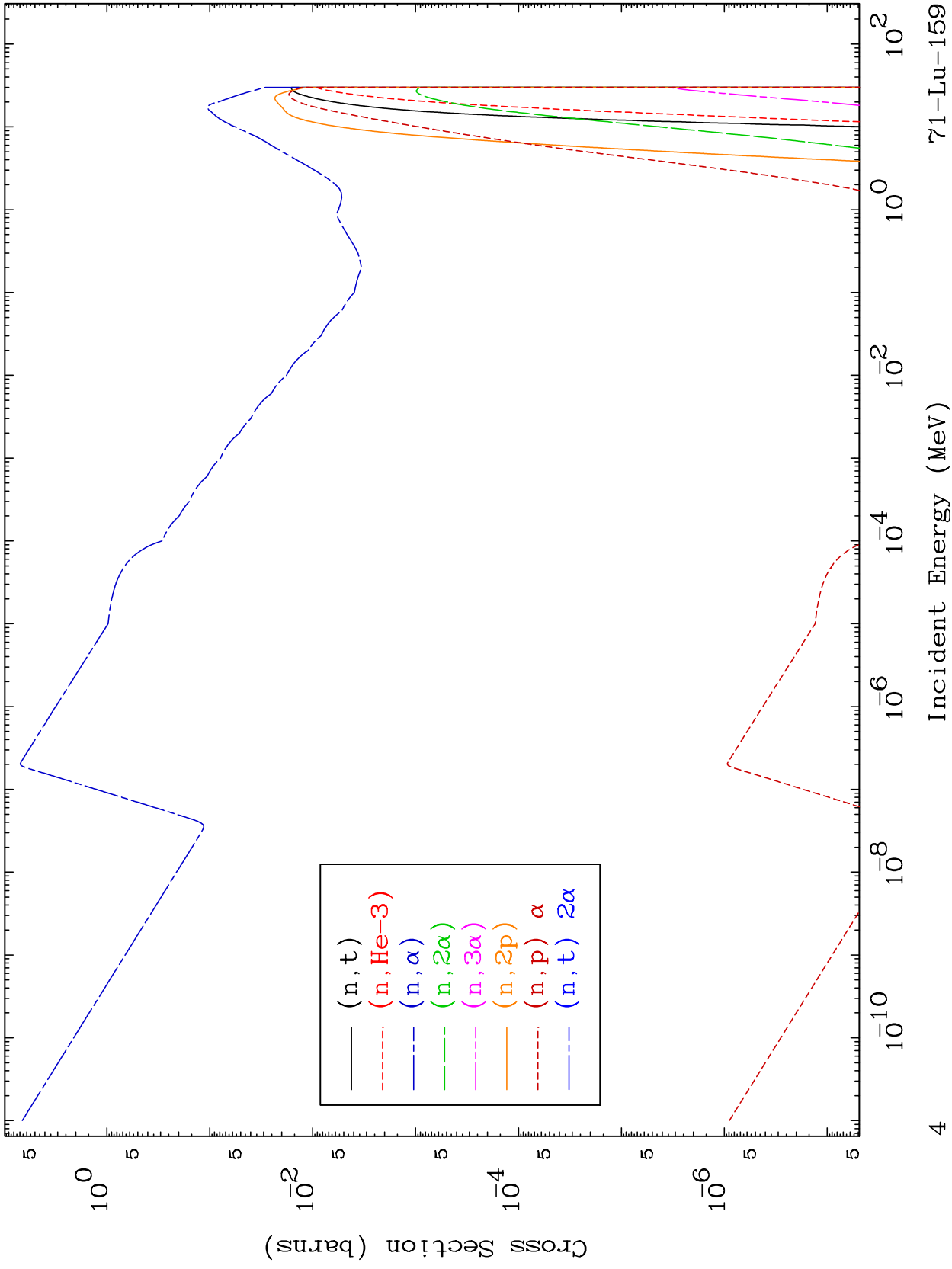
71-Lu-159

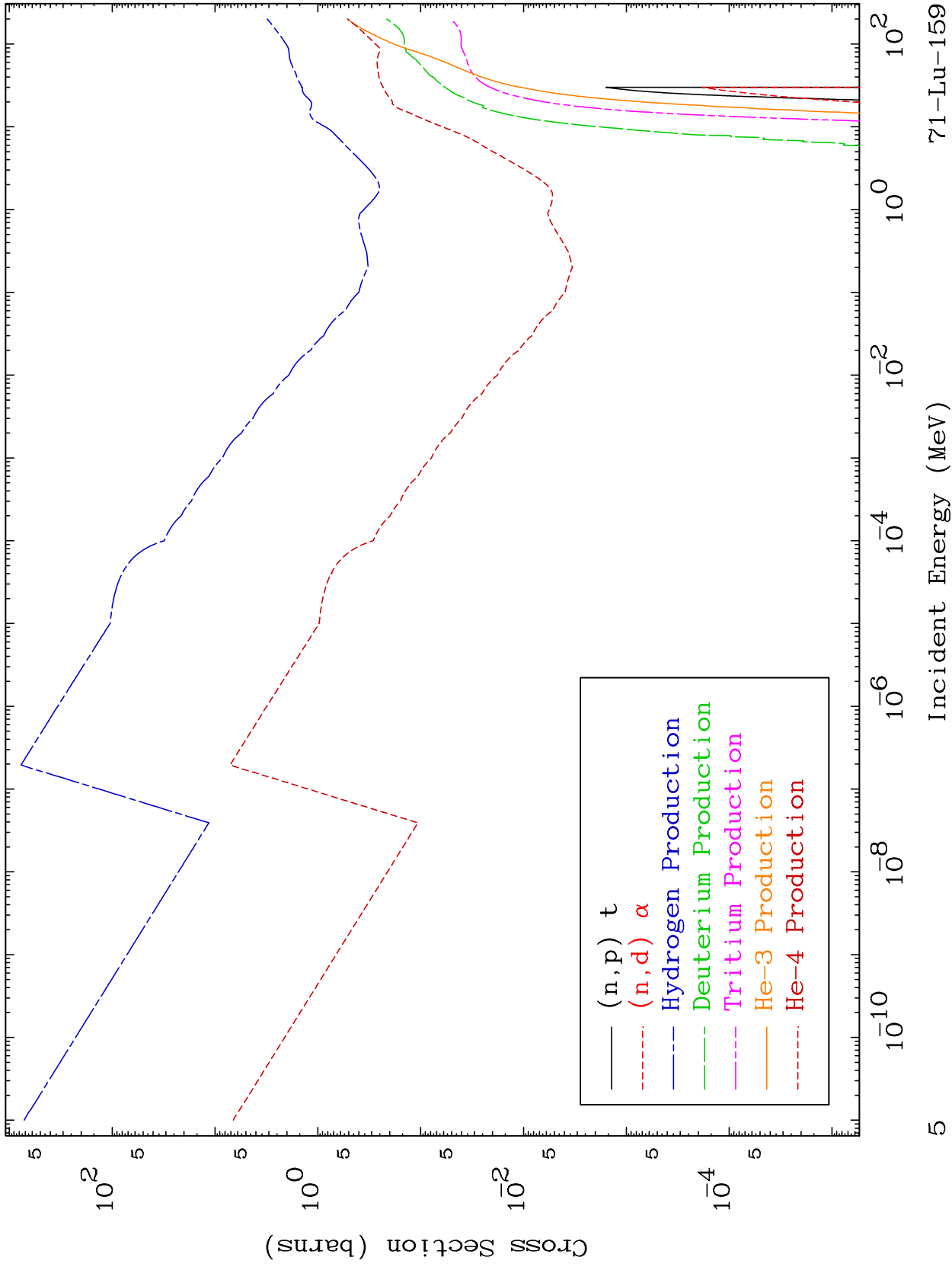


MAT 70777

Neutron Absorption
293 Kelvin Cross Sections

71-Lu-159

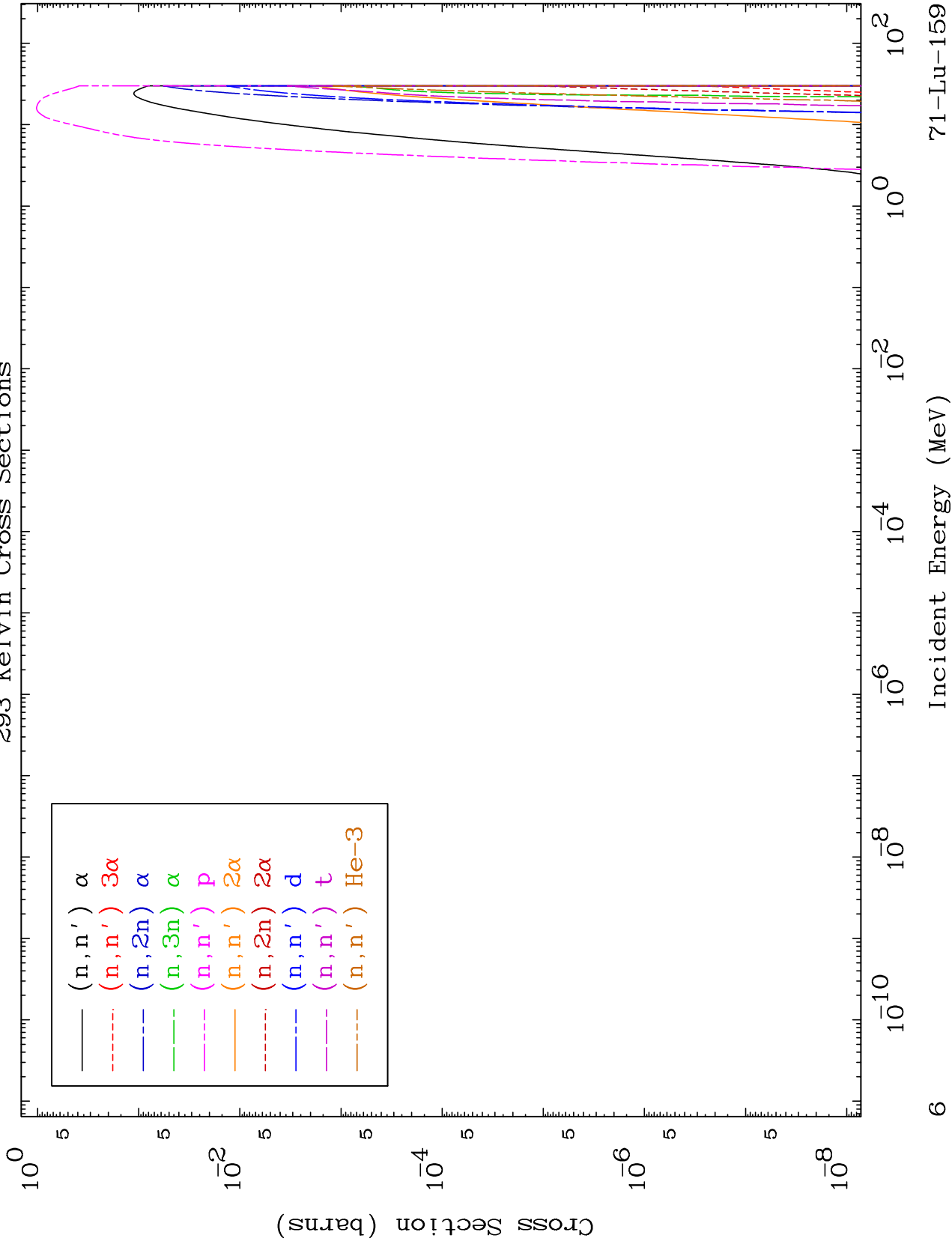




MAT 70777

Charged Particle
293 Kelvin Cross Sections

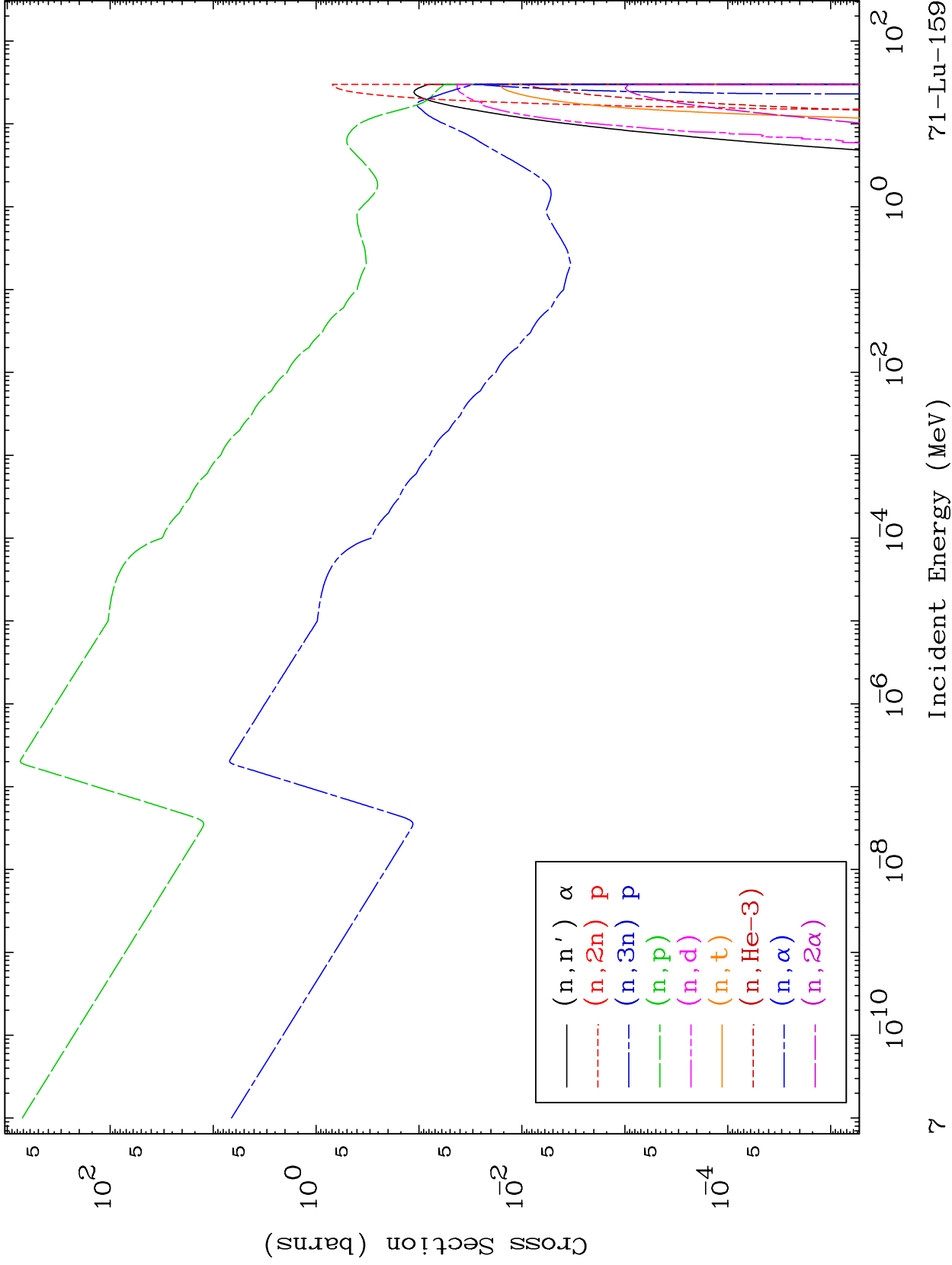
71-Lu-159



MAT 70777

Charged Particle
293 Kelvin Cross Sections

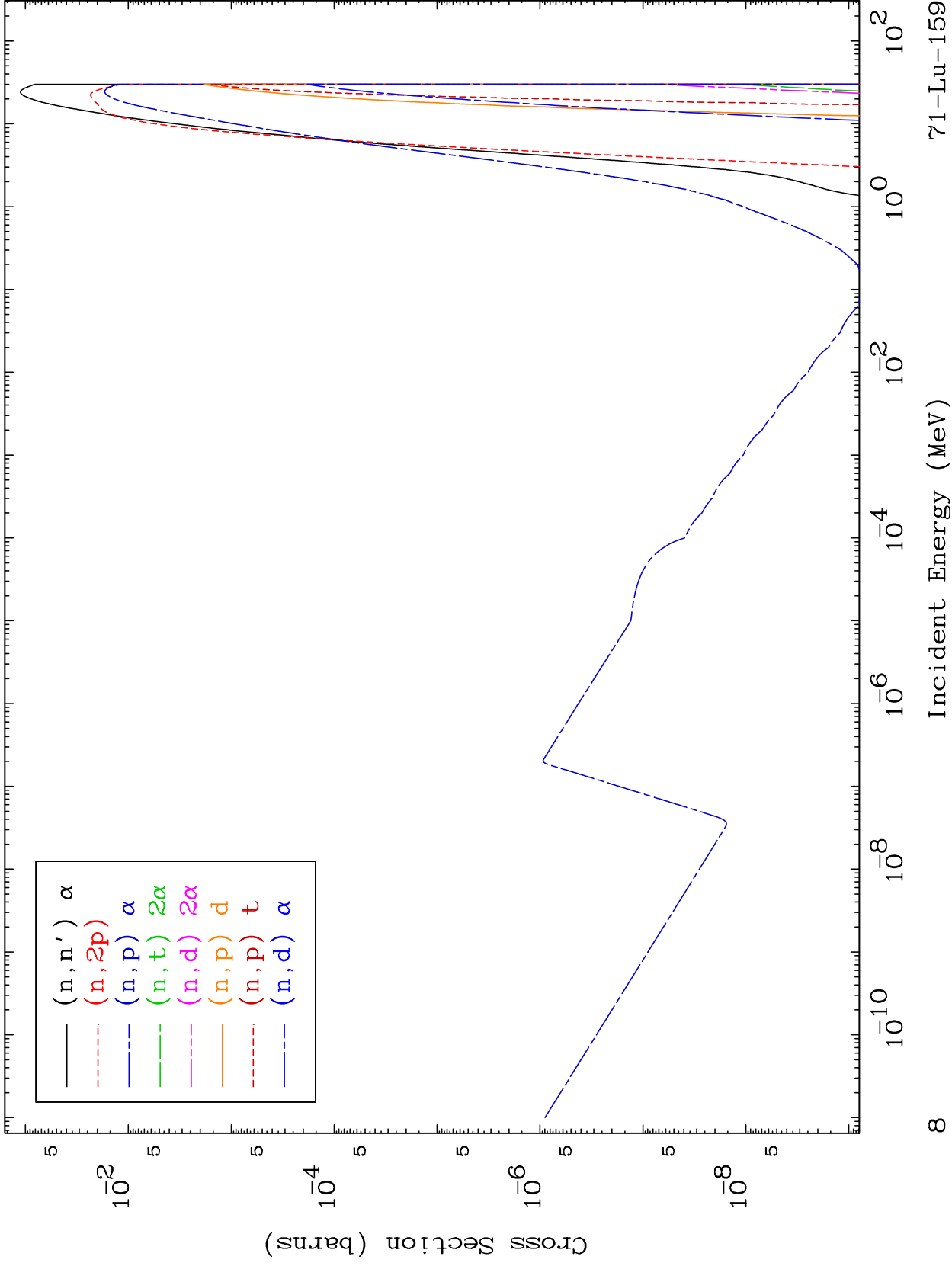
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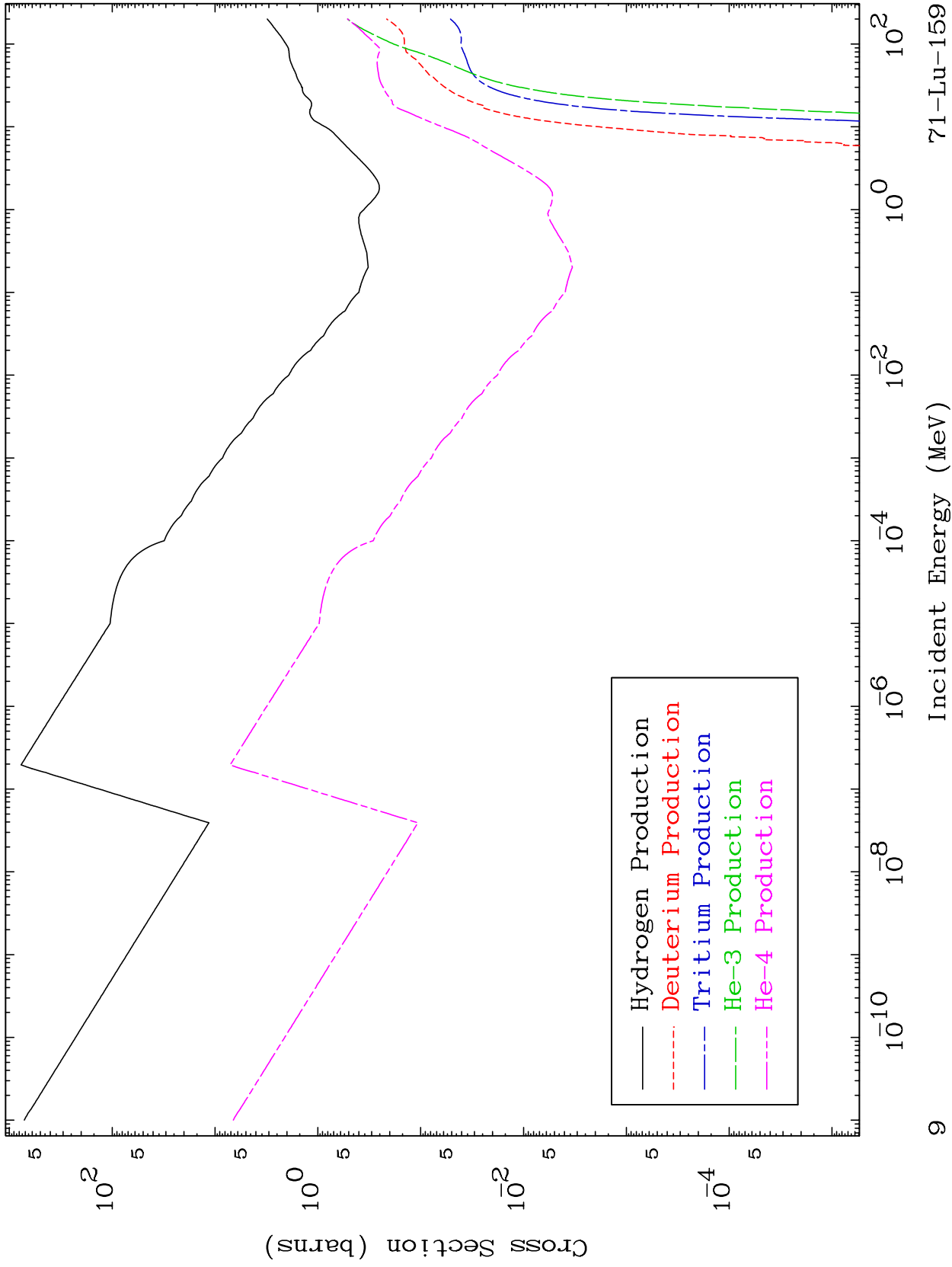


MAT 7077

Charged Particle
293 Kelvin Cross Sections

71-Lu-159



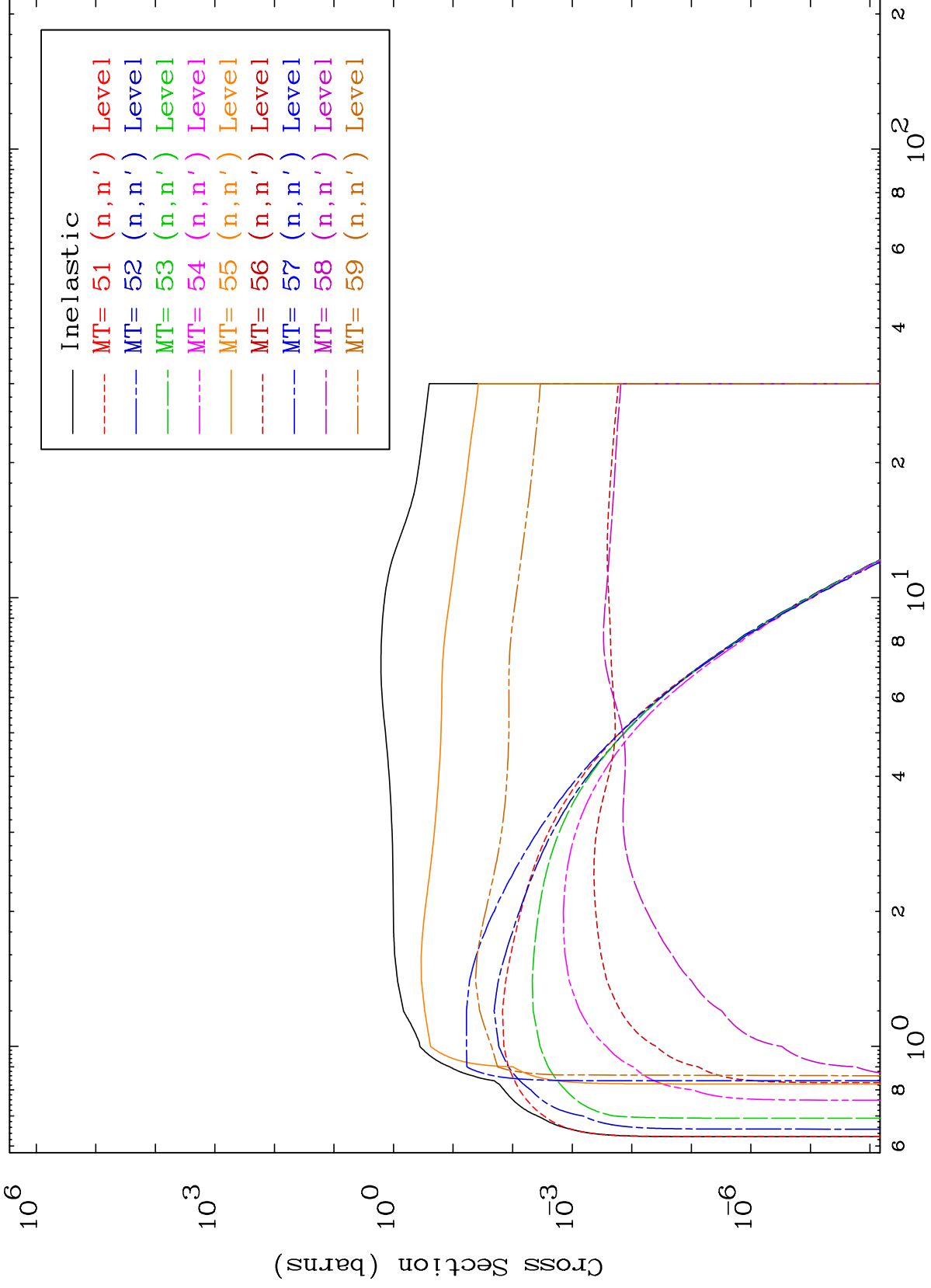


MAT 7077

(n,n') Levels

71-Lu-159

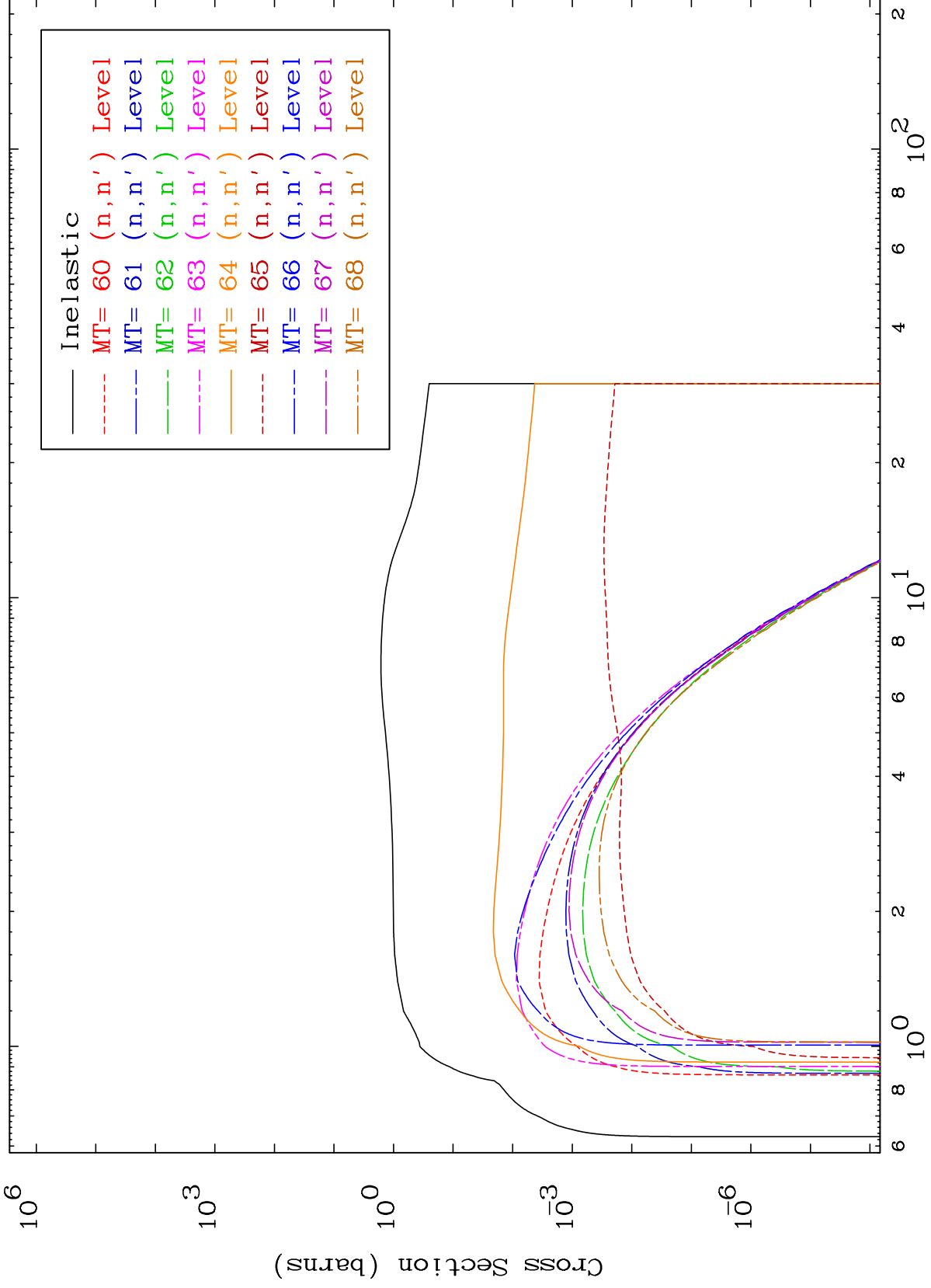
293 Kelvin Cross Sections



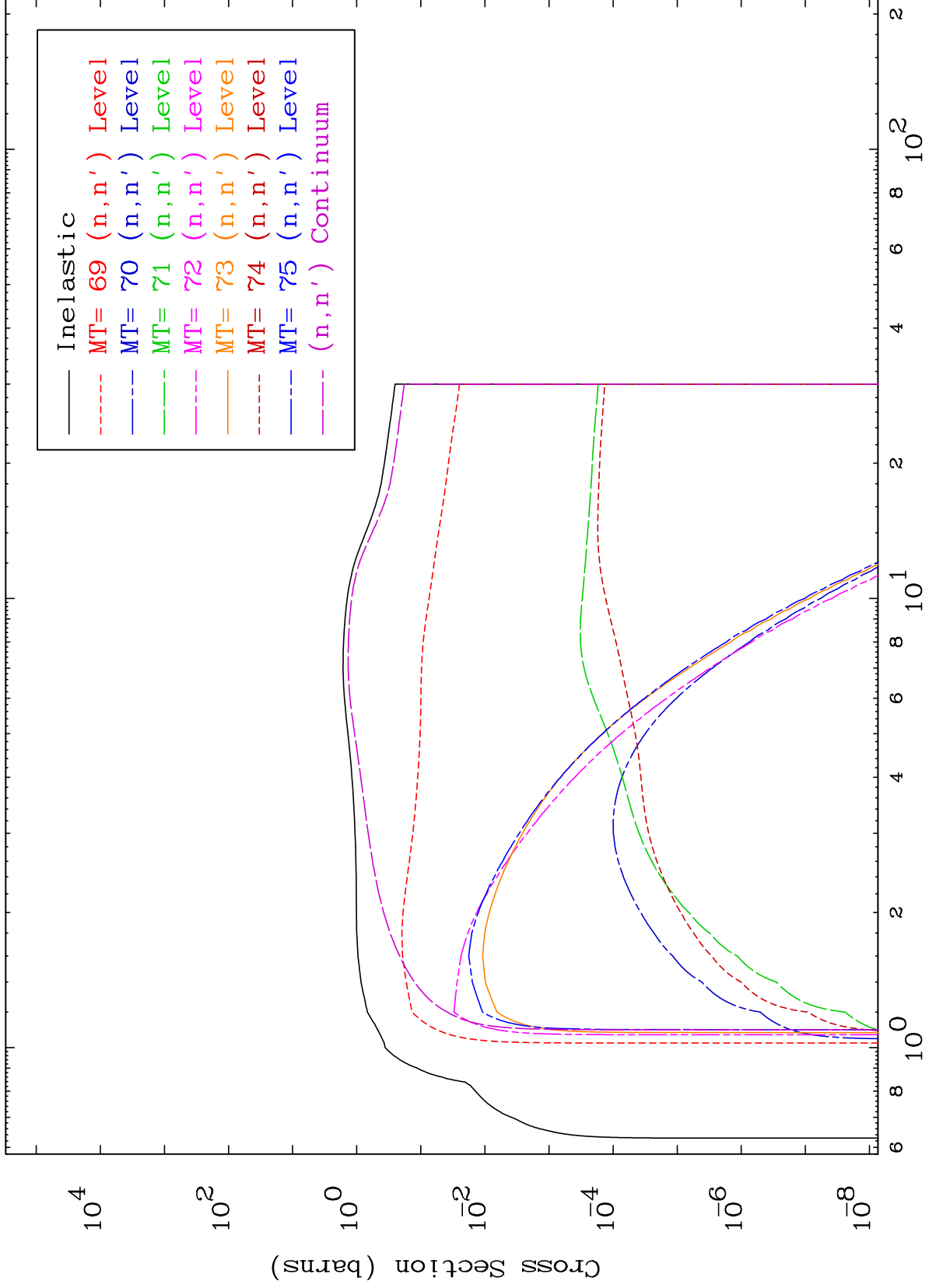
Incident Energy (MeV)

71-Lu-159

293 Kelvin Cross Sections



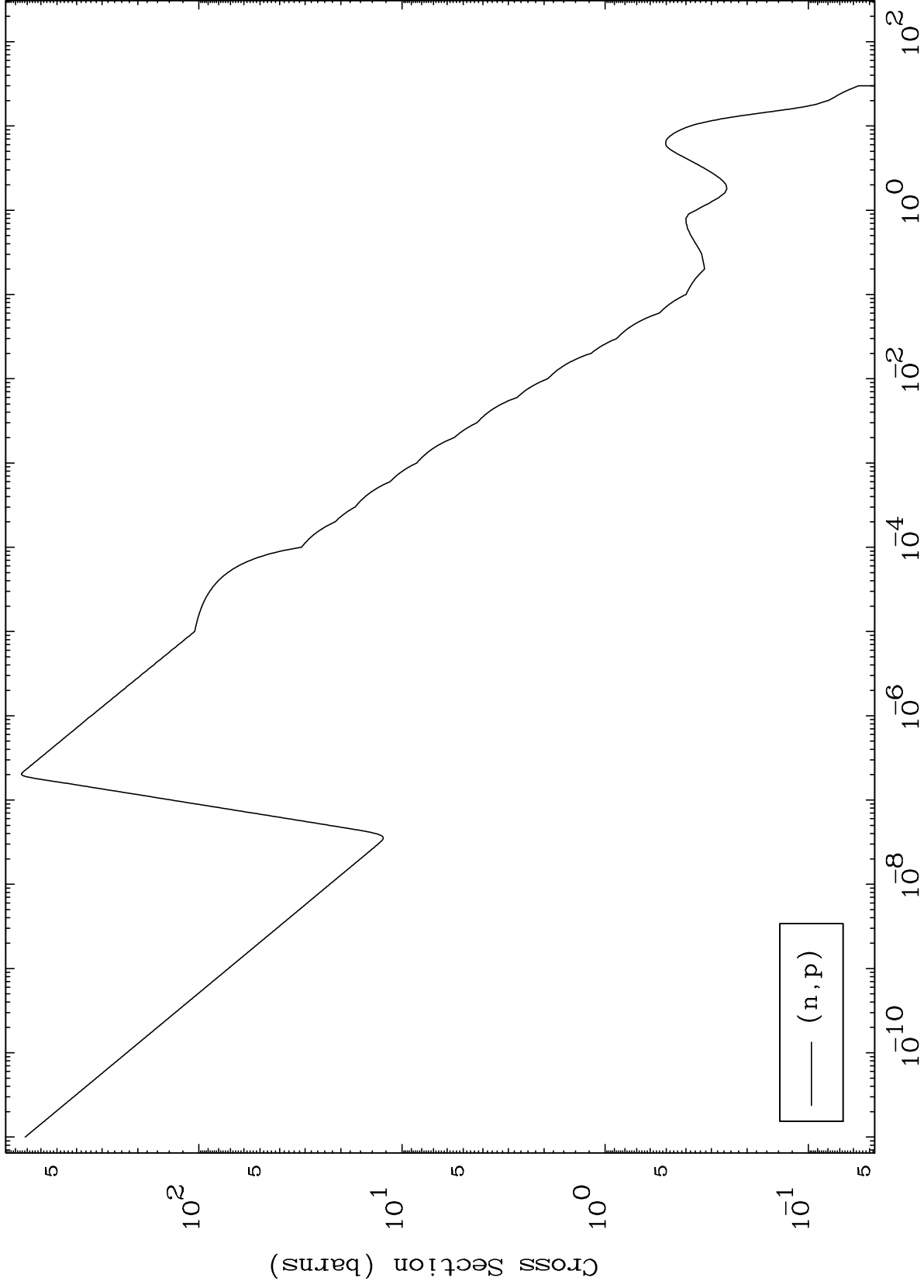
293 Kelvin Cross Sections



MAT 7077

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-159



13

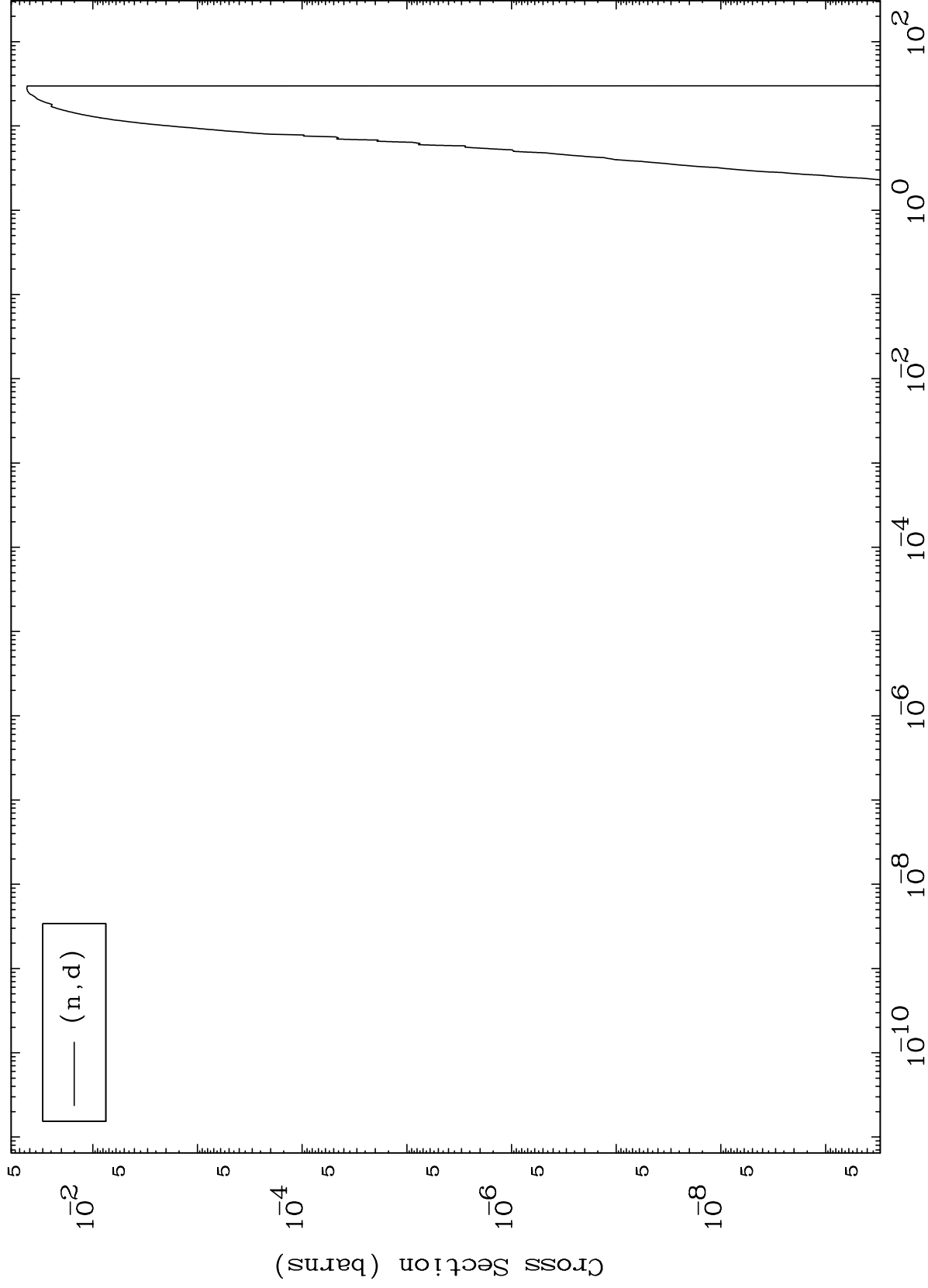
Incident Energy (MeV)

71-Lu-159

MAT 7077

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-159



14

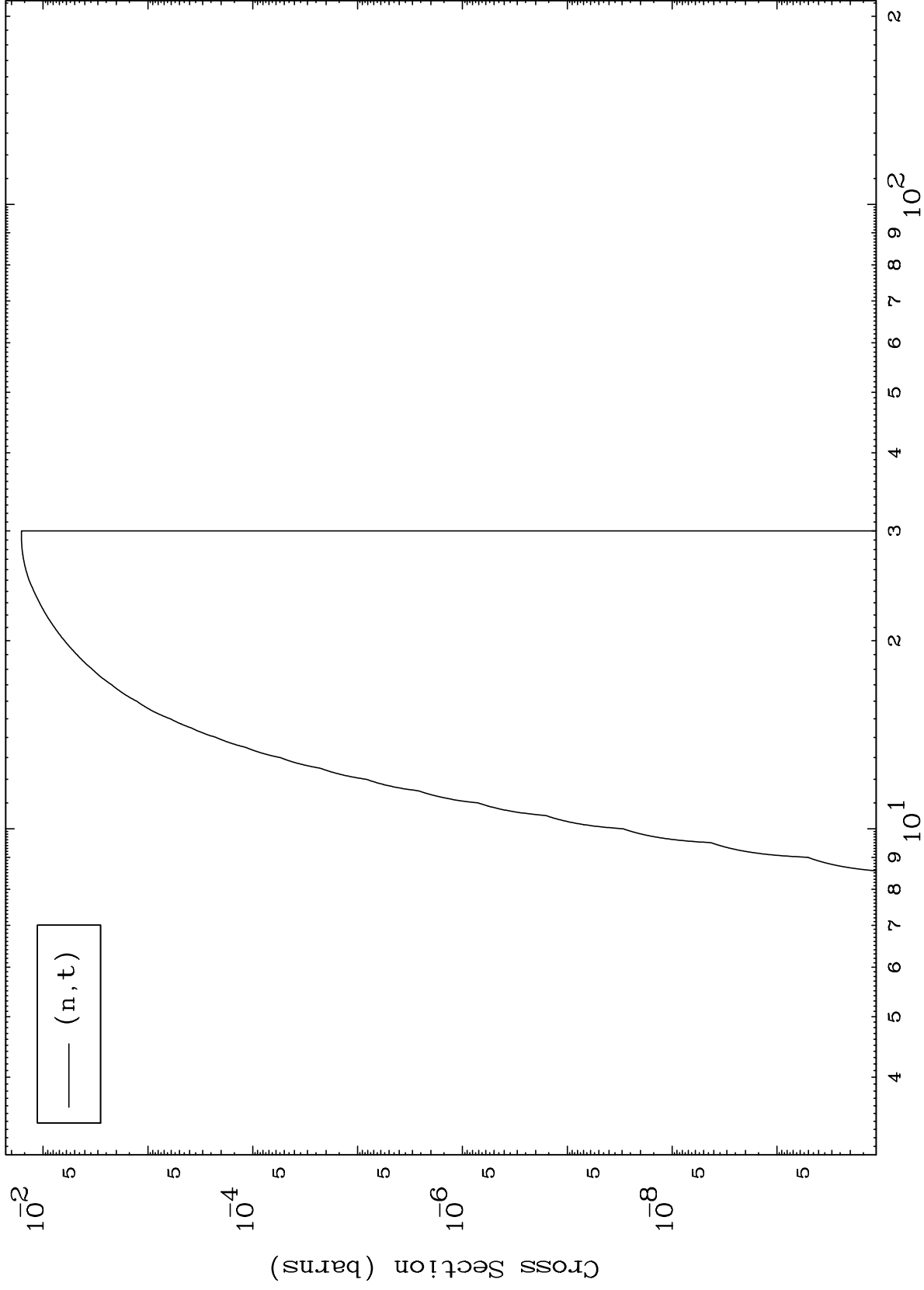
Incident Energy (MeV)

71-Lu-159

MAT 7077

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-159



15

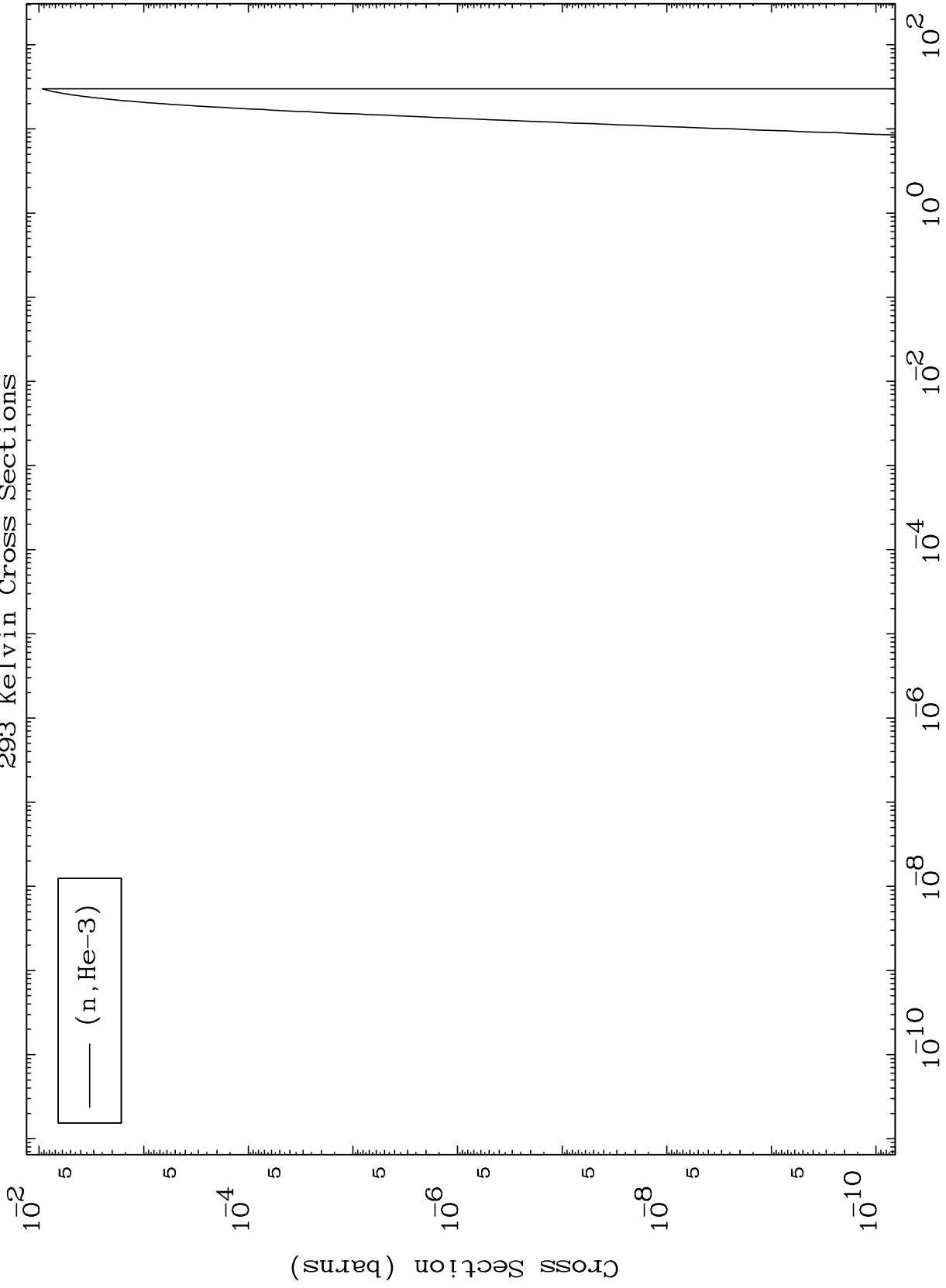
Incident Energy (MeV)

71-Lu-159

MAT 7077

(n,He3) Levels
293 Kelvin Cross Sections

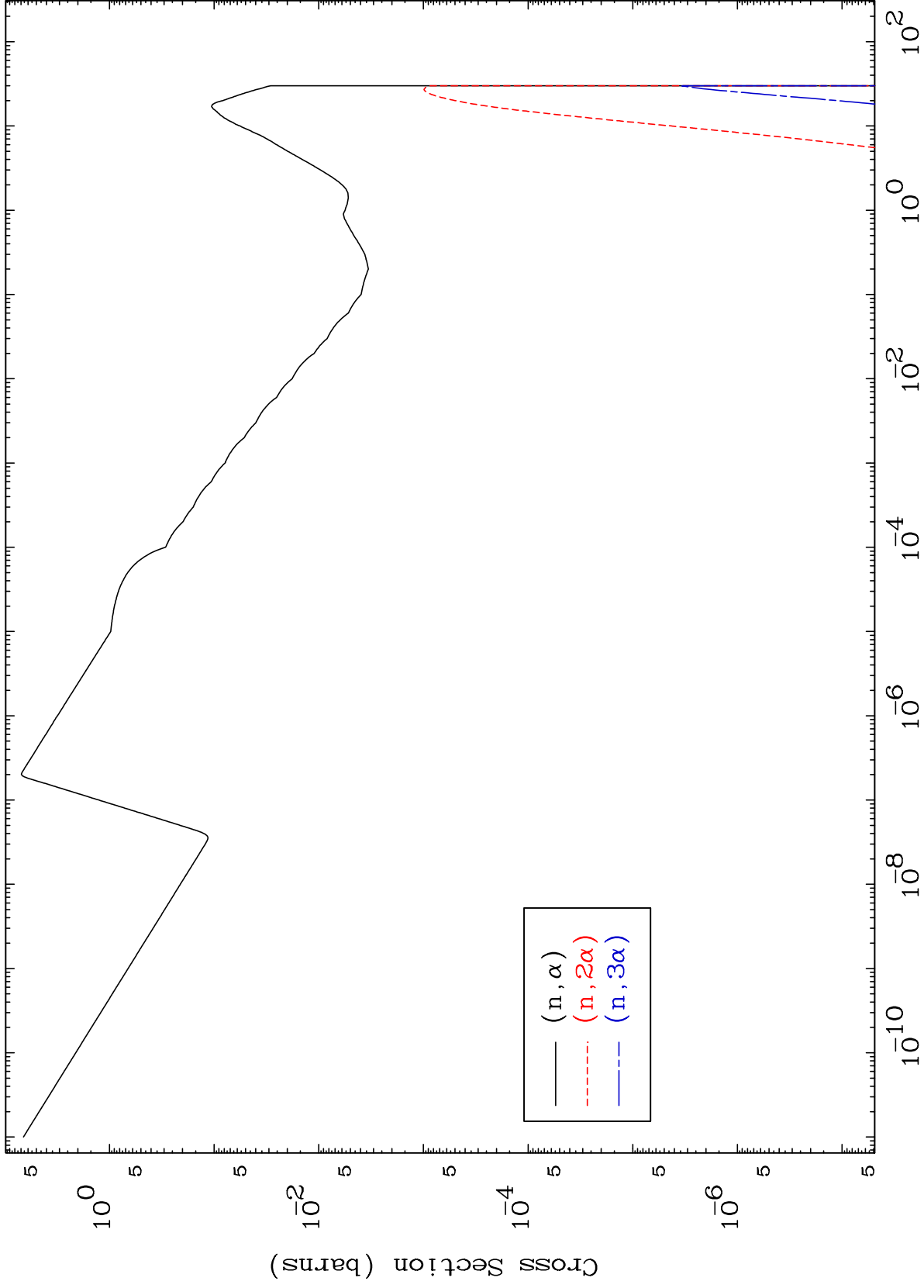
71-Lu-159



MAT 70777

(n, α) Levels
293 Kelvin Cross Sections

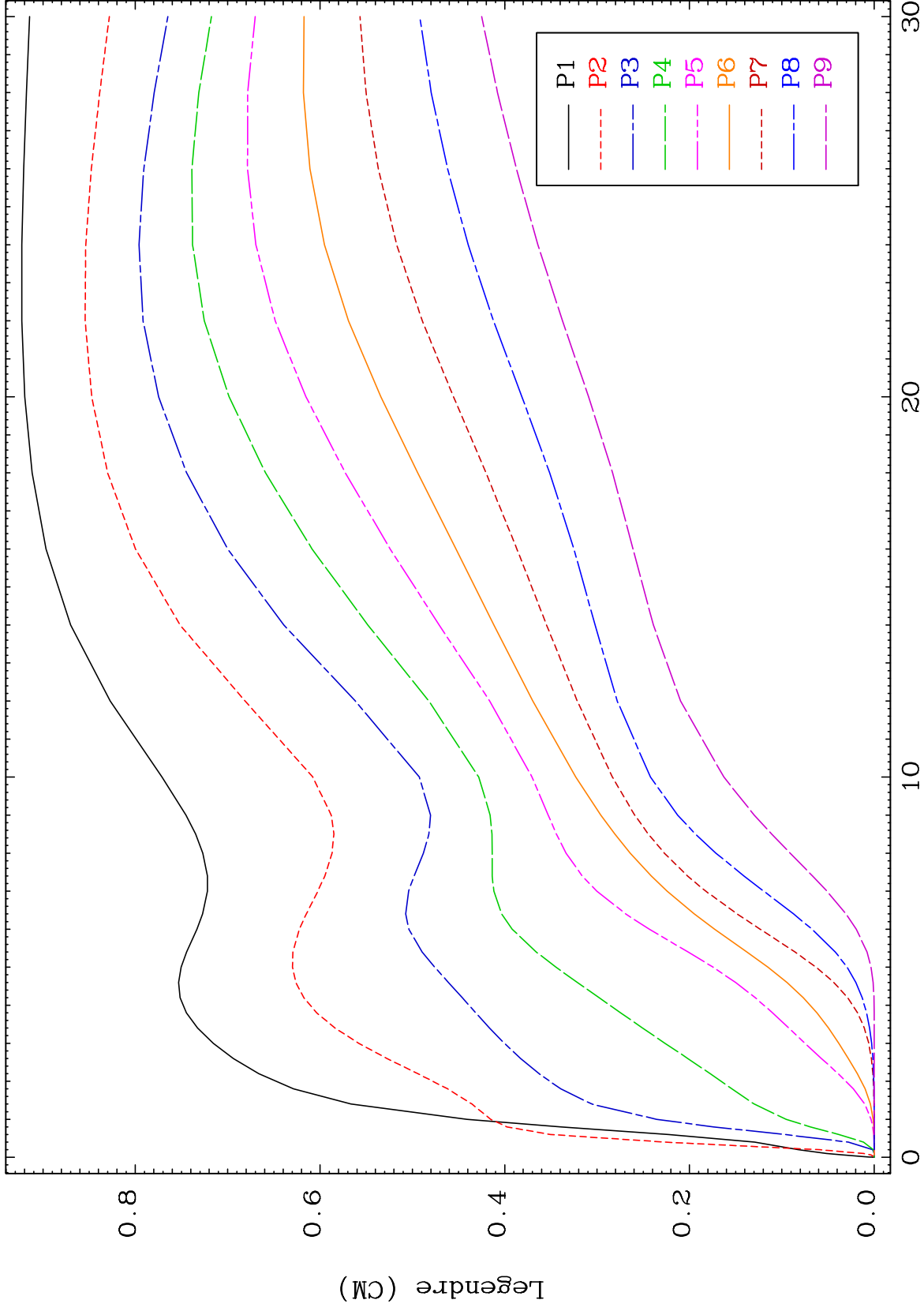
71-Lu-159



MAT 7077

Elastic Legendre Coefficients

71-Lu-159



18

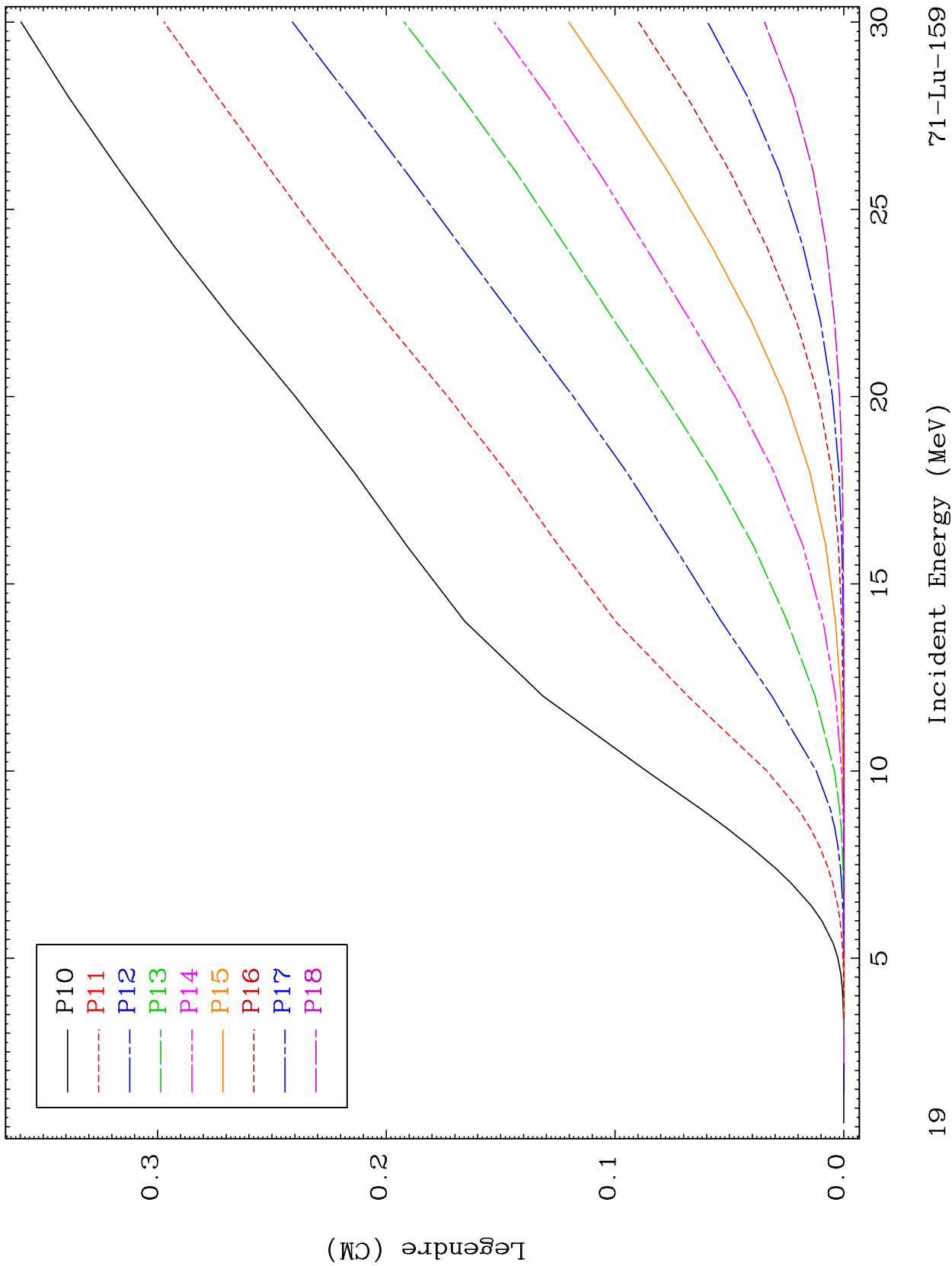
Incident Energy (MeV)

71-Lu-159

MAT 7077

Elastic Legendre Coefficients

⁷¹Lu-159

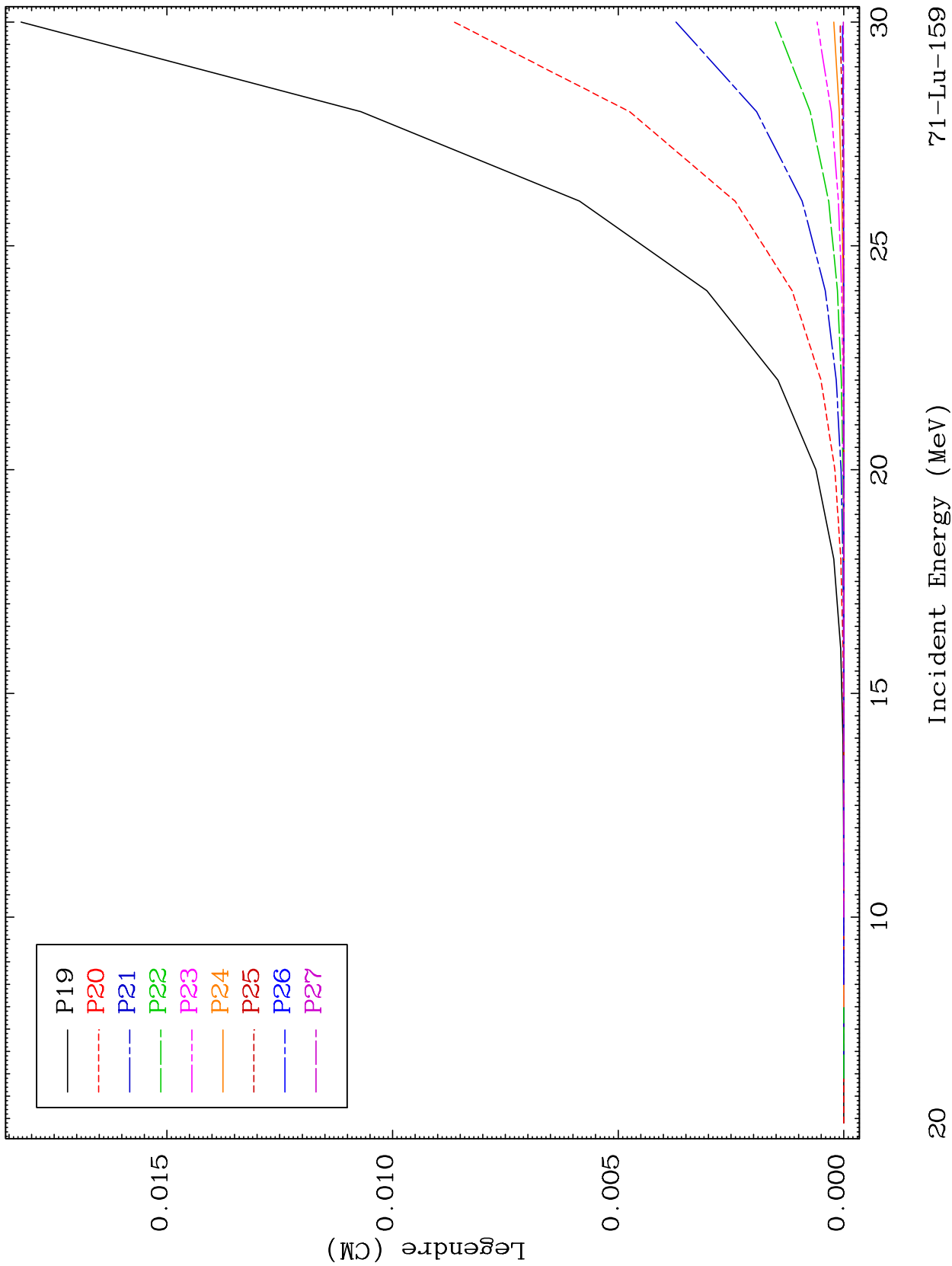


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MAT 7077

Elastic Legendre Coefficients

71-Lu-159



20

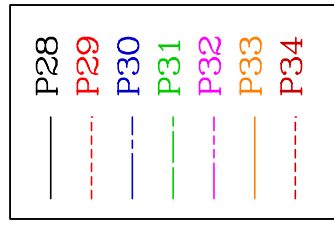
Incident Energy (MeV)

71-Lu-159

MAT 7077

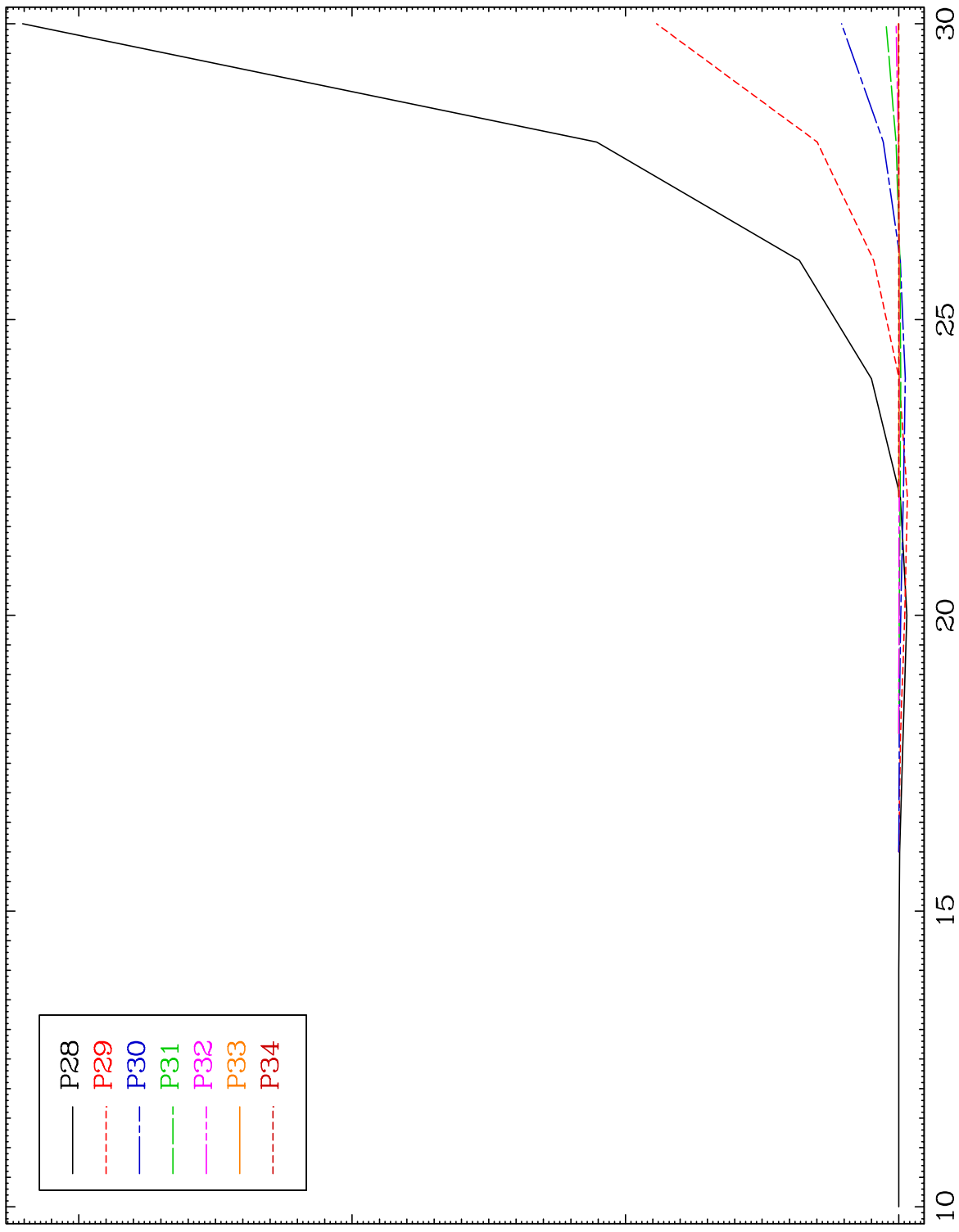
Elastic Legendre Coefficients

71-Lu-159



$\times 10^{-6}$

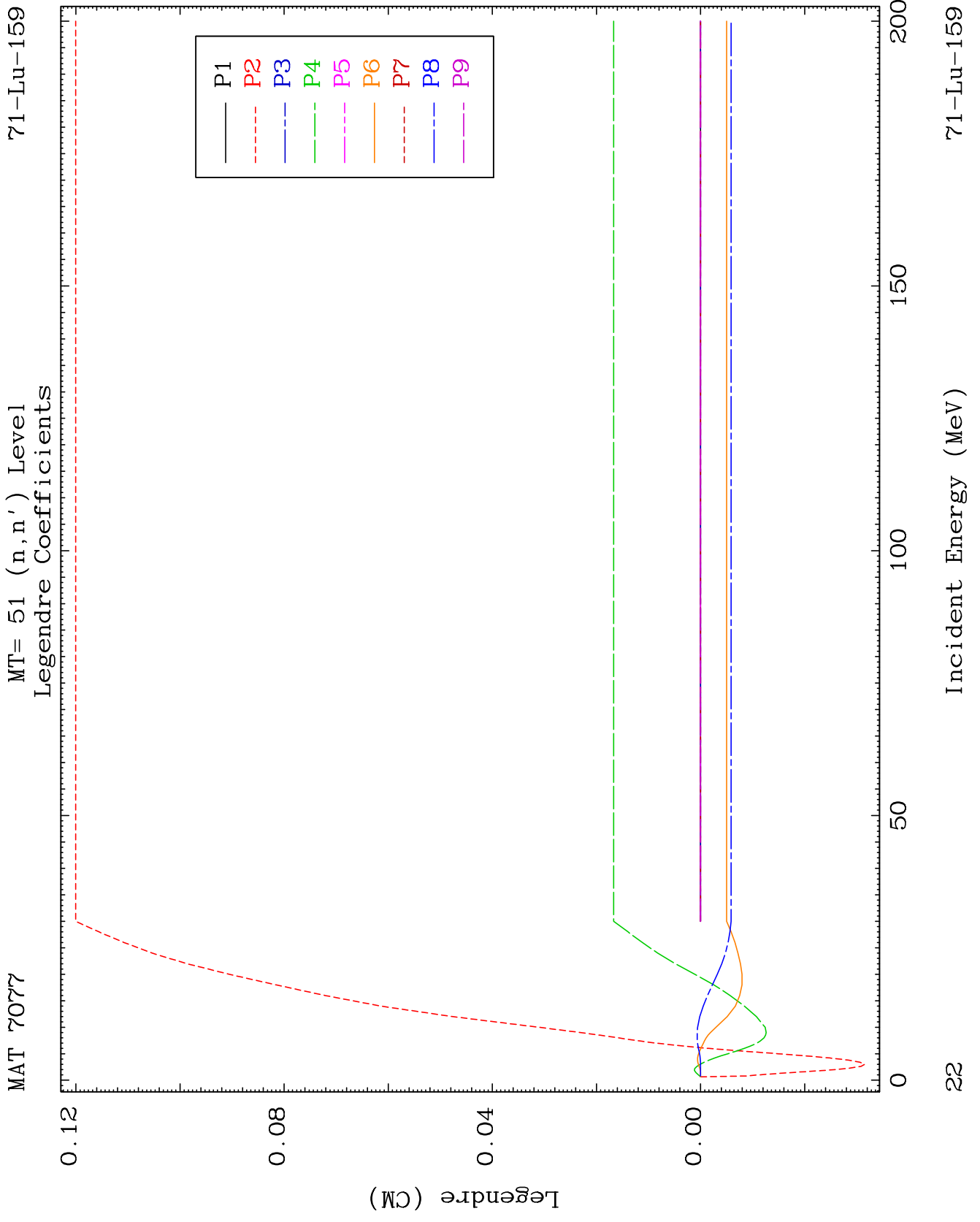
Legendre (CM)



21

Incident Energy (MeV)

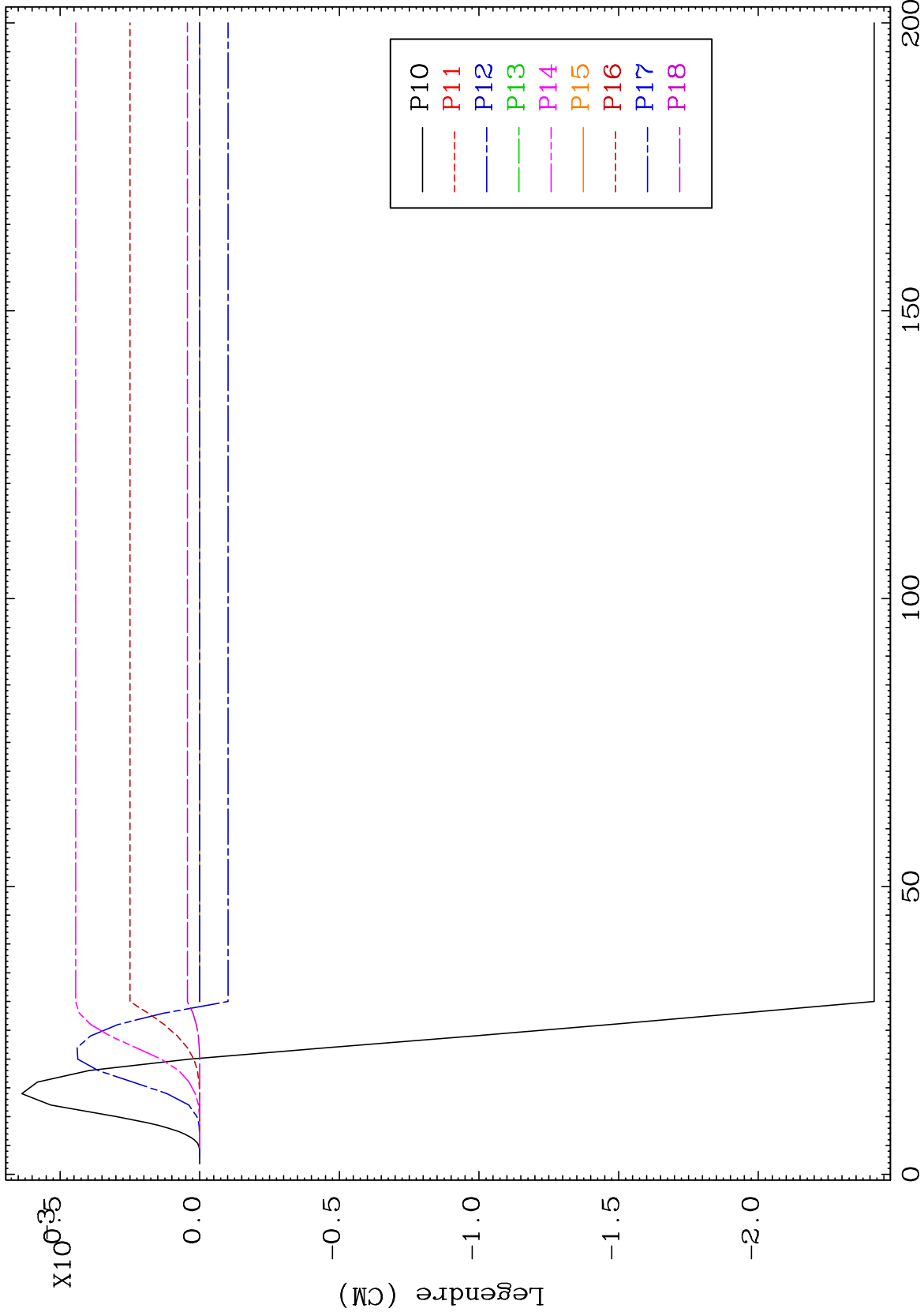
71-Lu-159



MAT 7077

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

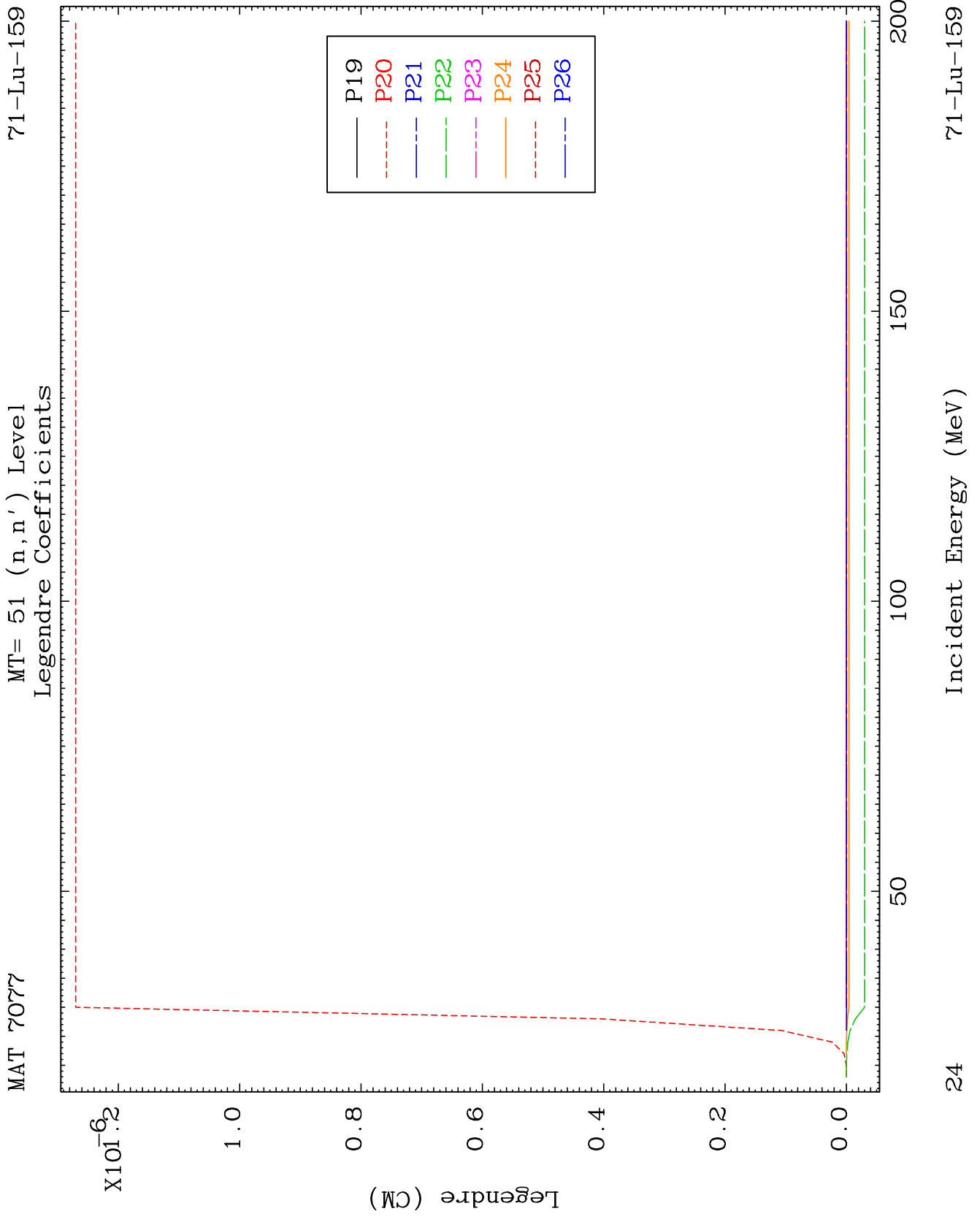
71-Lu-159

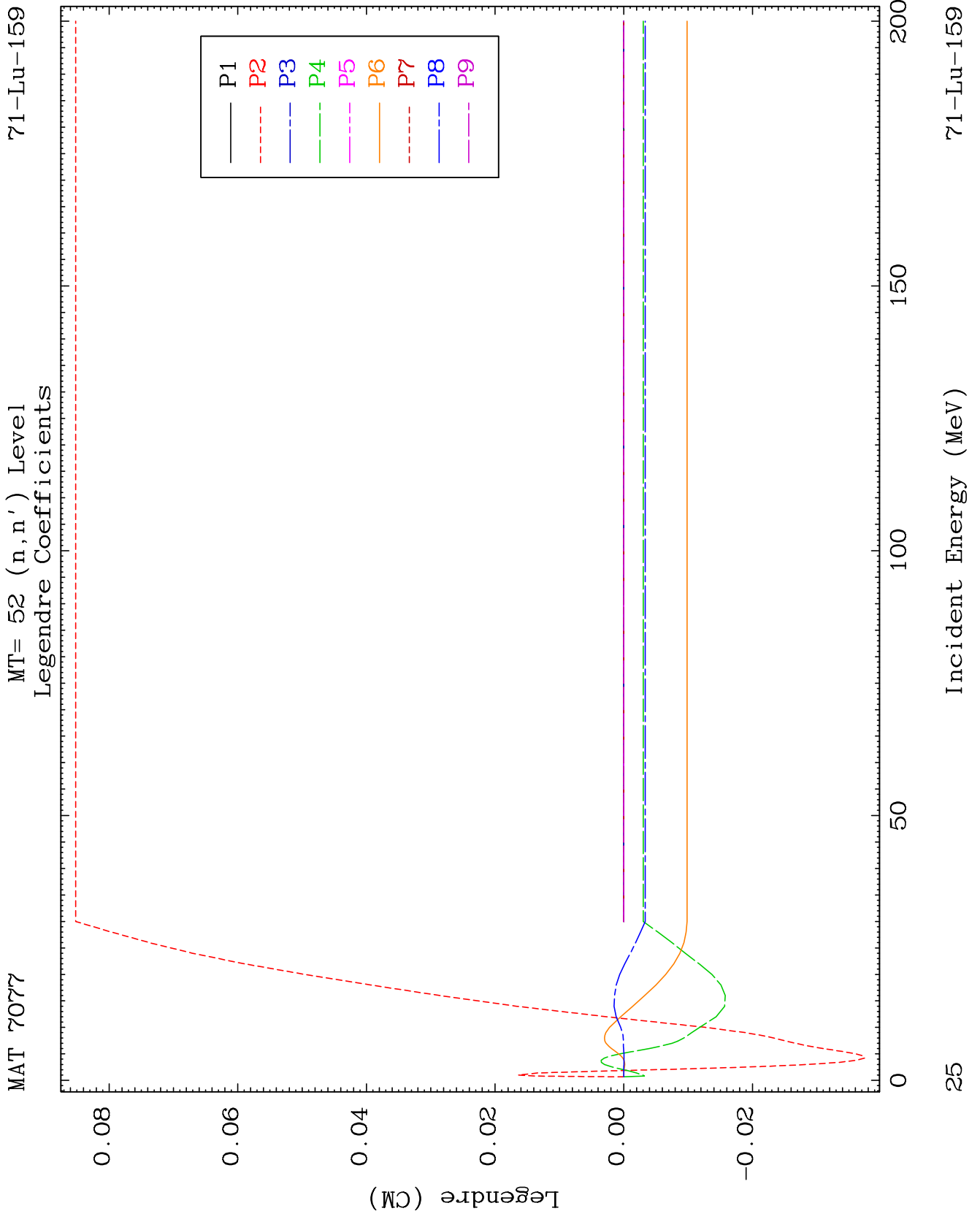


23

Incident Energy (MeV)

71-Lu-159

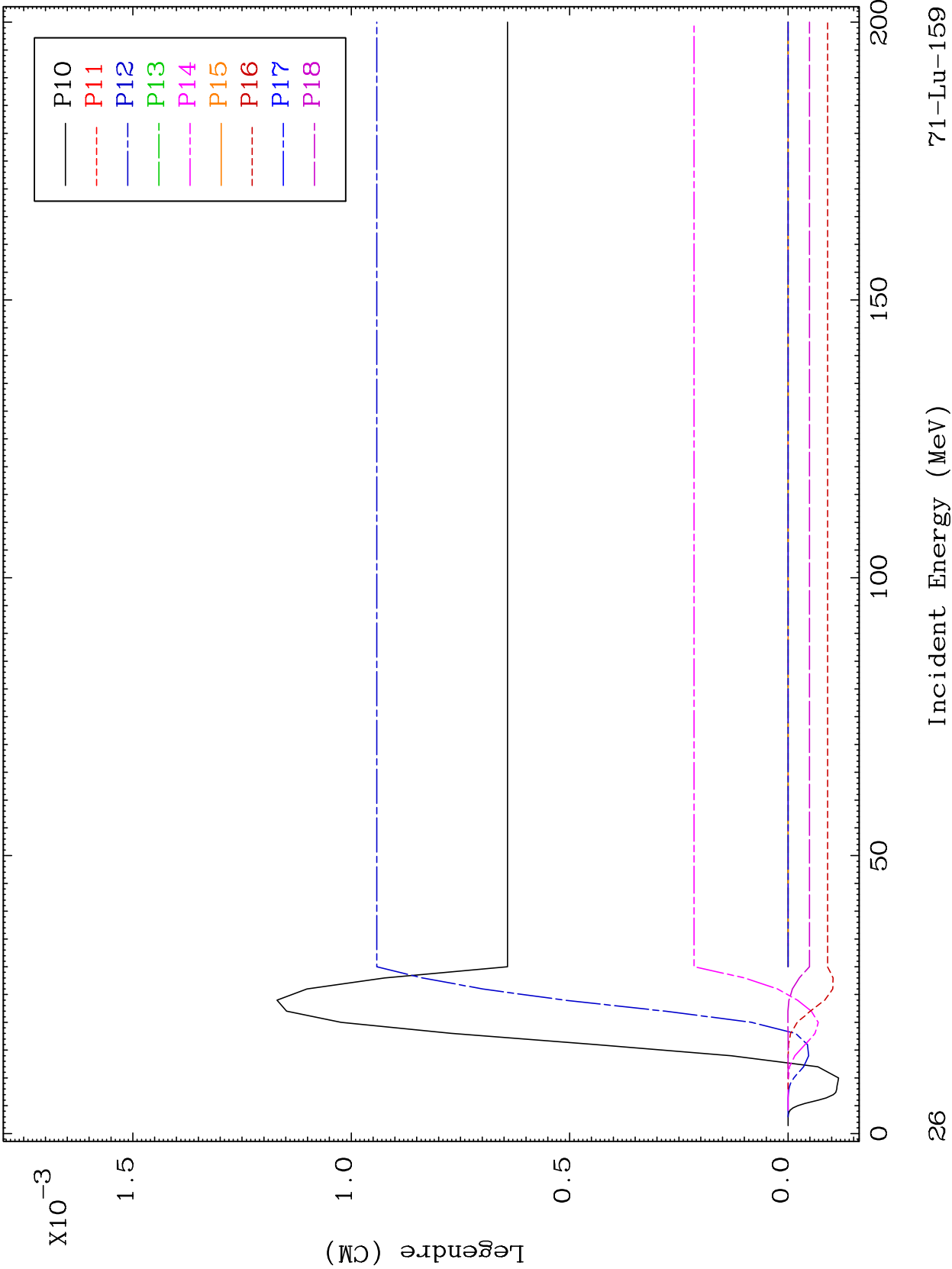




MAT 70777

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

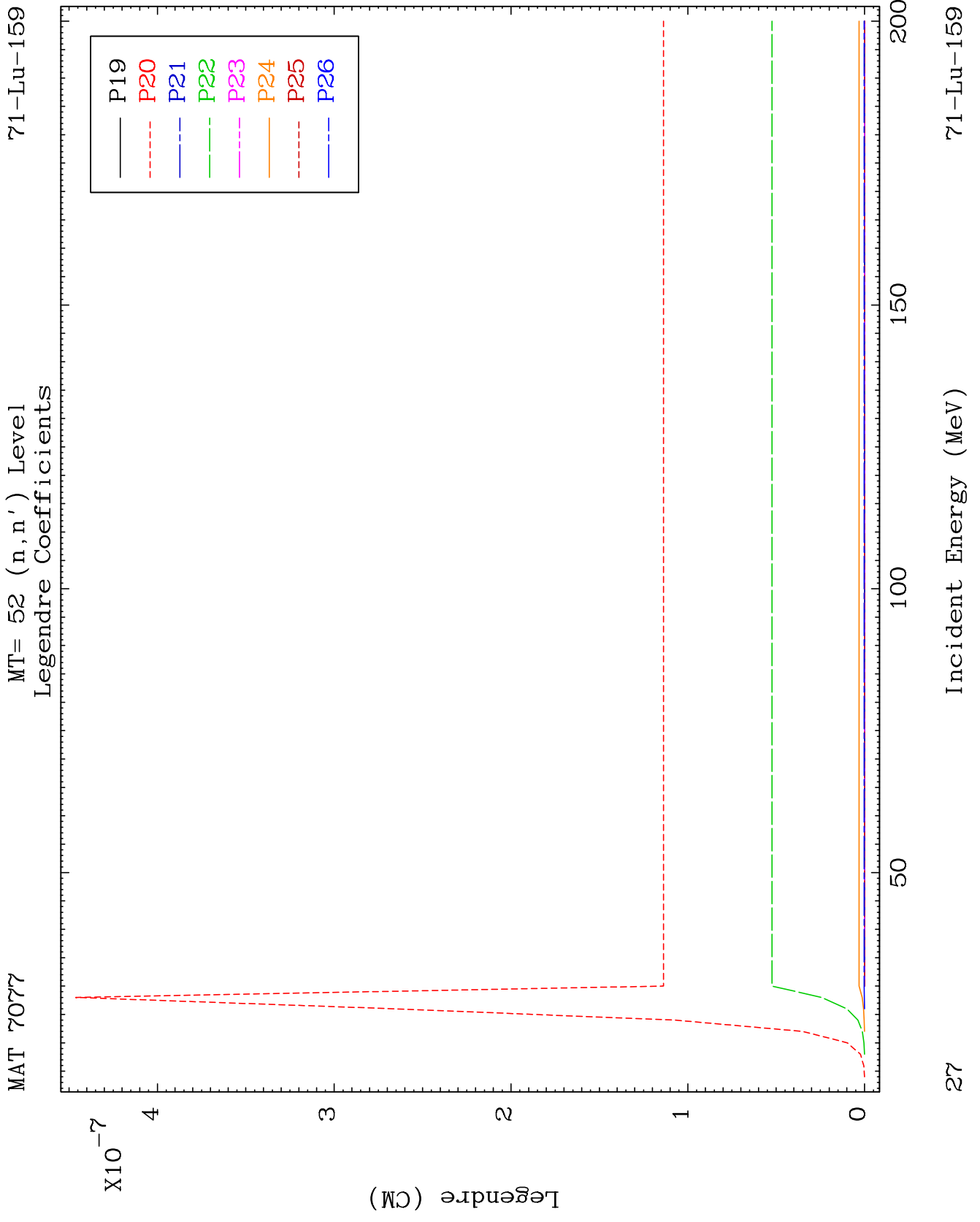
71-Lu-159



71-Lu-159

Incident Energy (MeV)

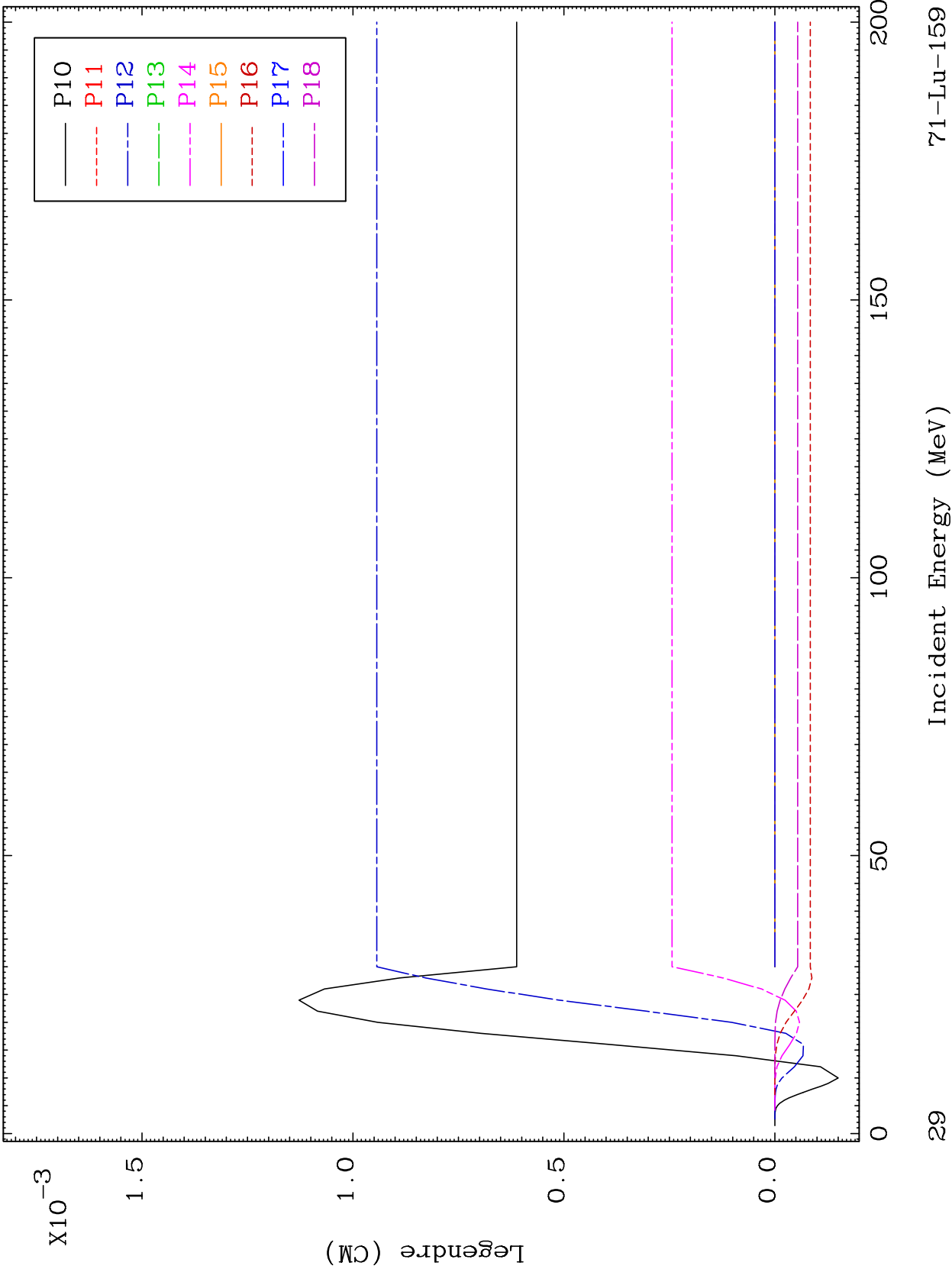
26



MAT 70777

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

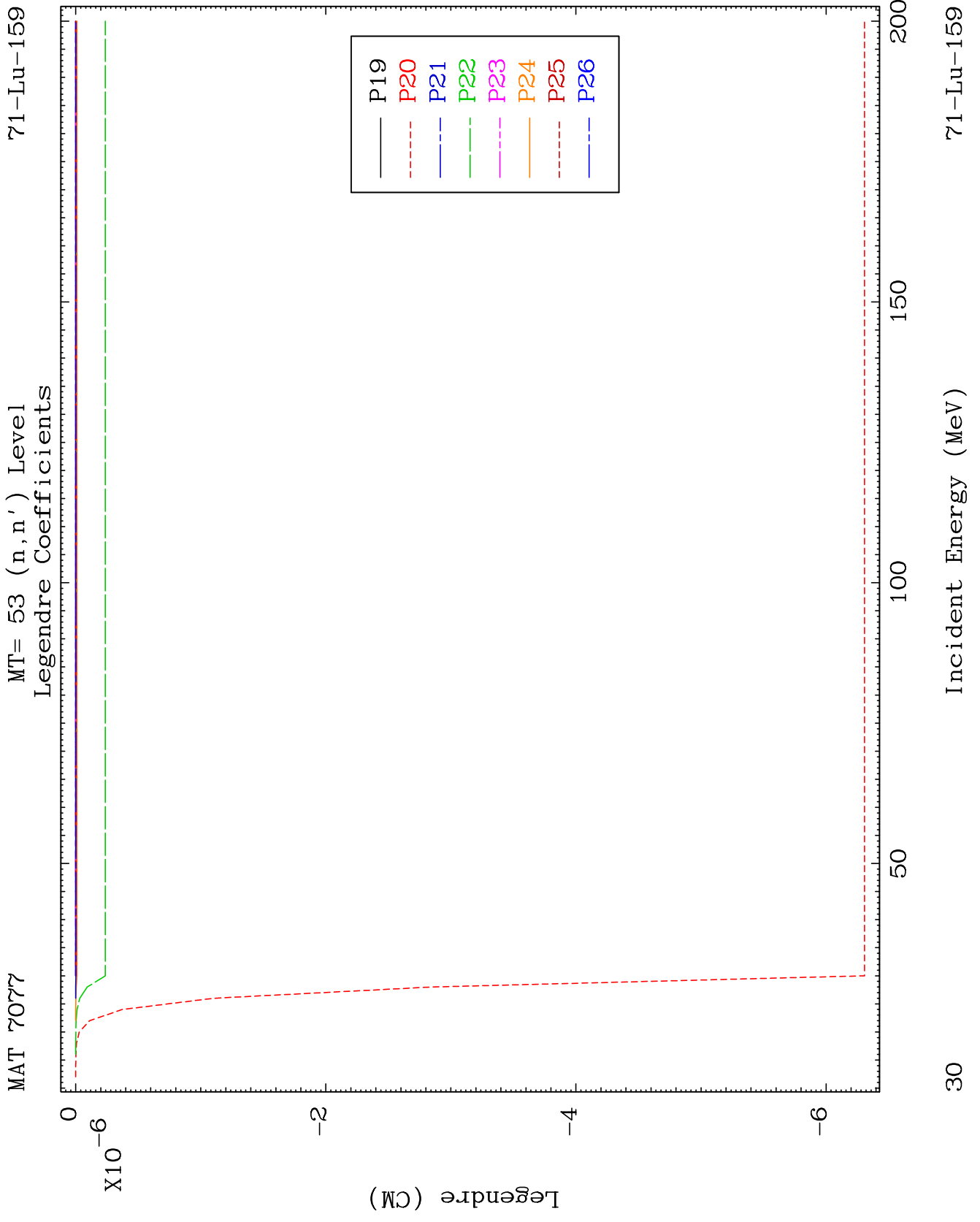
71-Lu-159

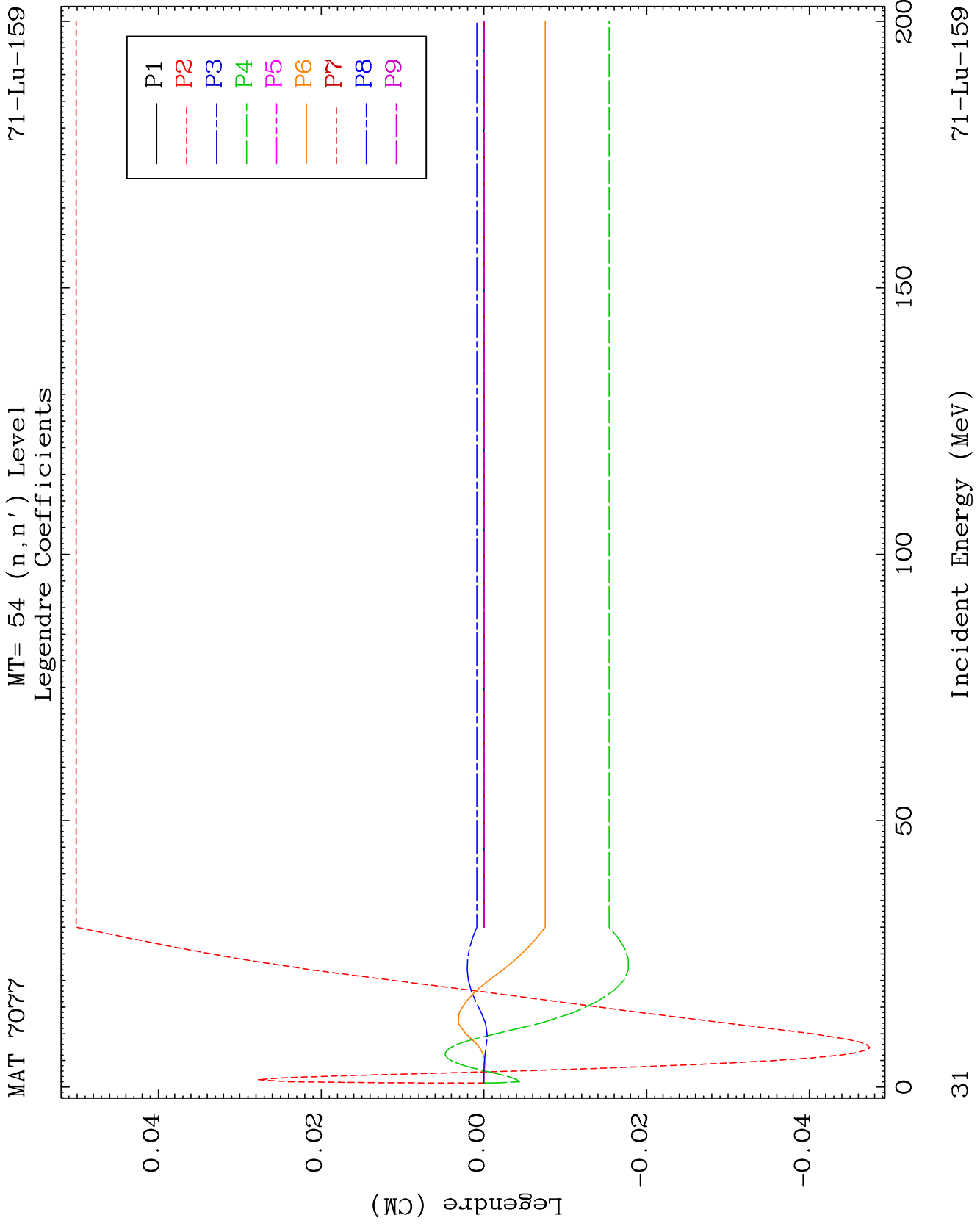


71-Lu-159

Incident Energy (MeV)

29

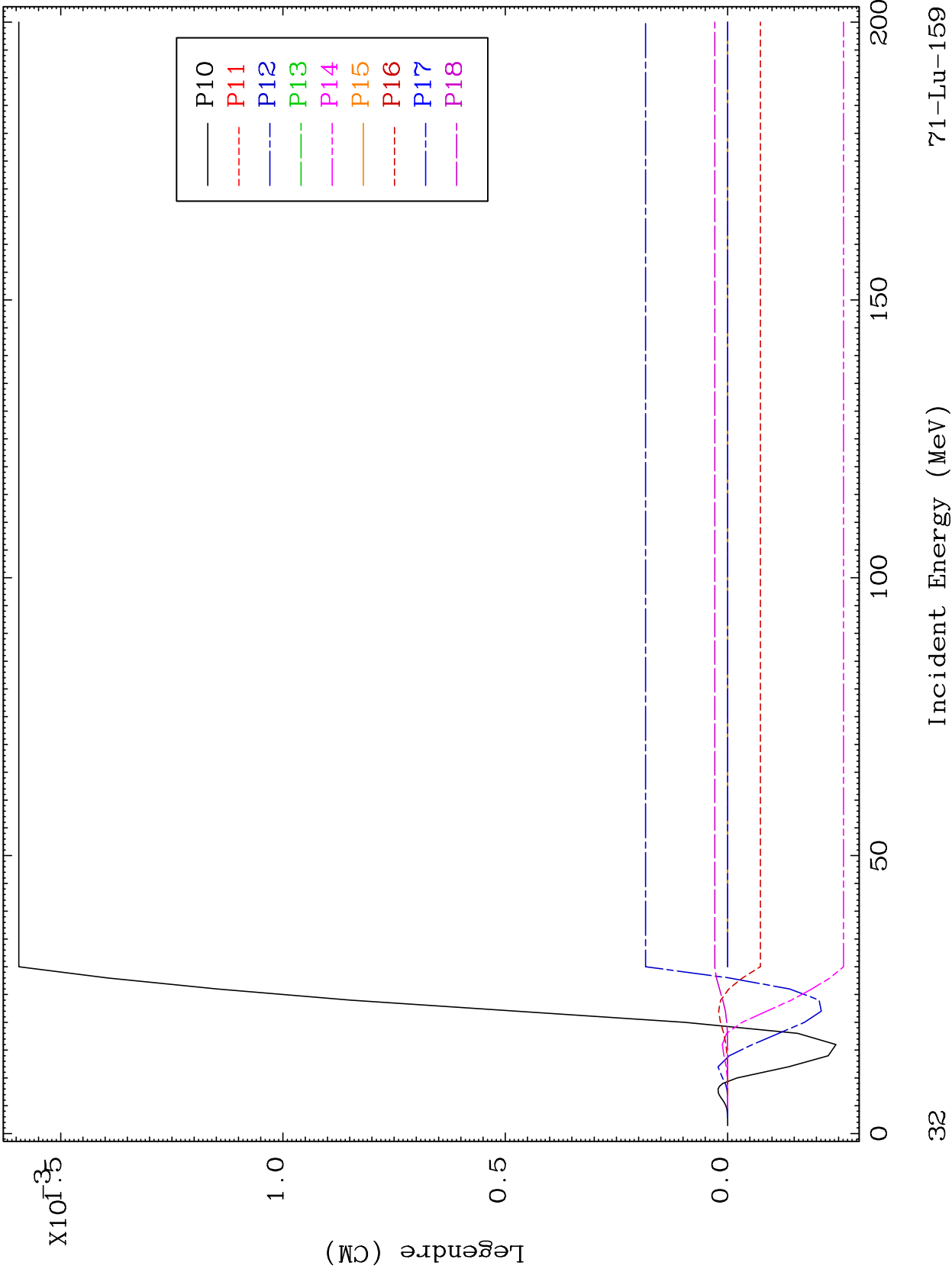




MAT 7077

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

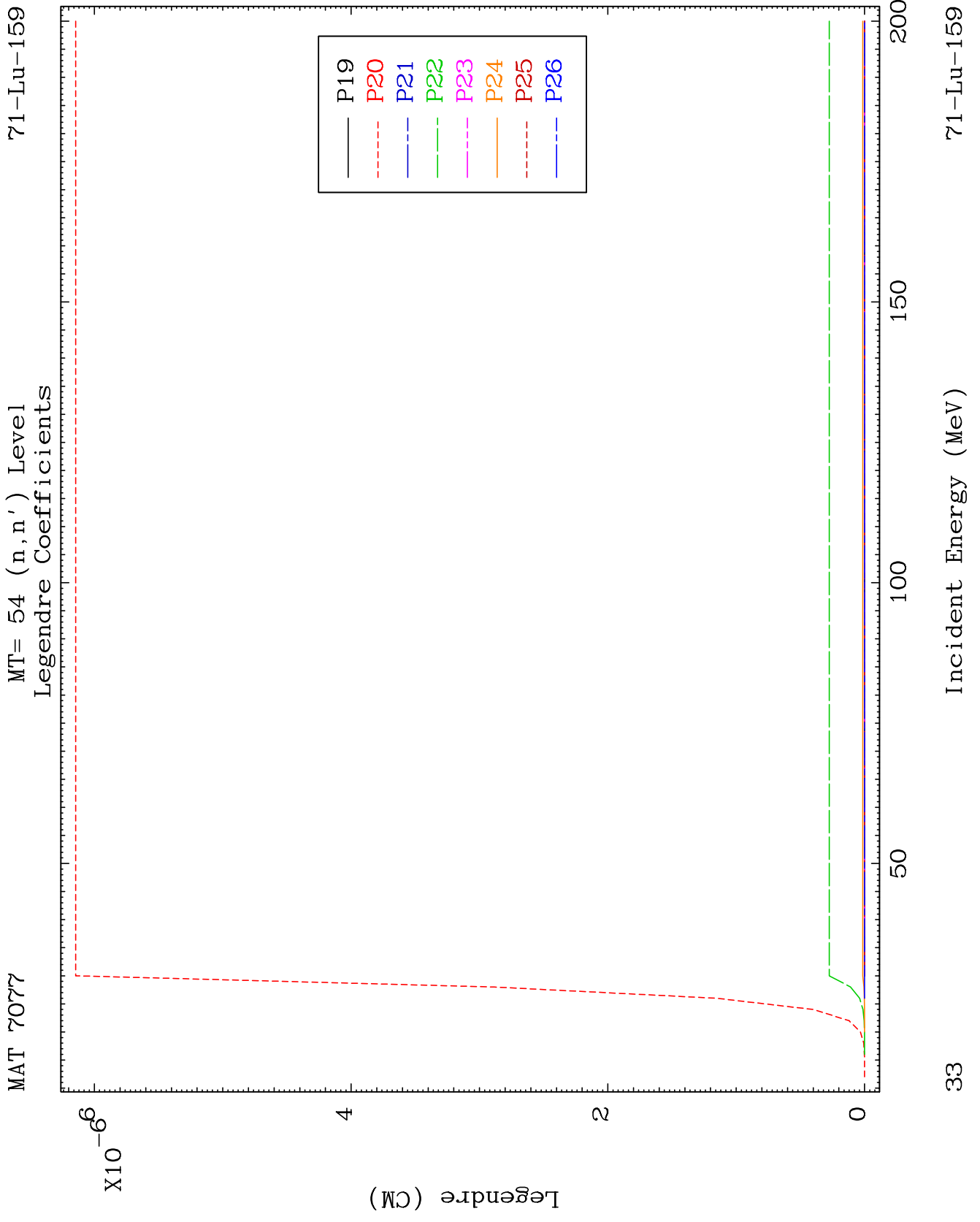
71-Lu-159



32

Incident Energy (MeV)

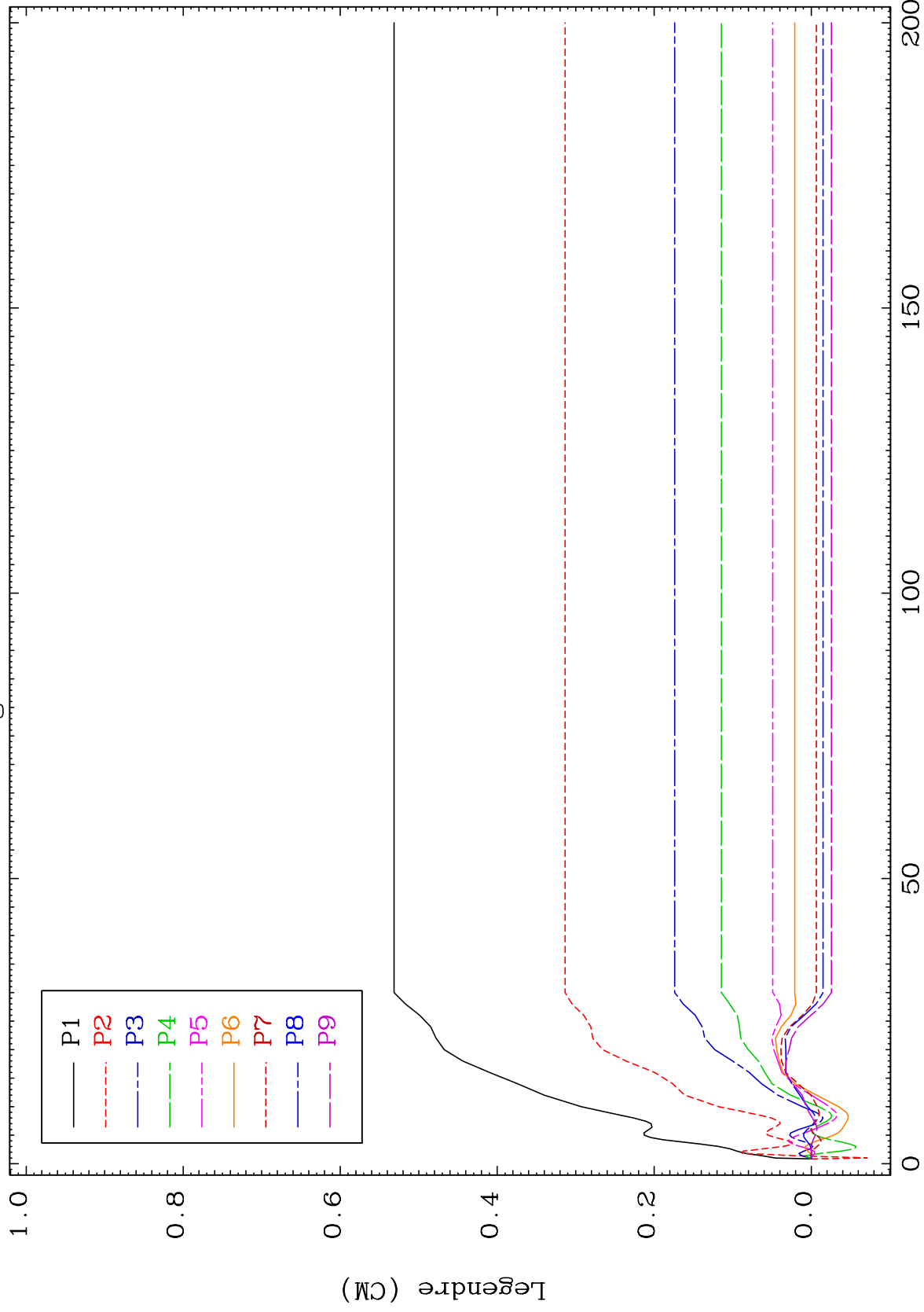
71-Lu-159



MAT 70777

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

71-Lu-159



34

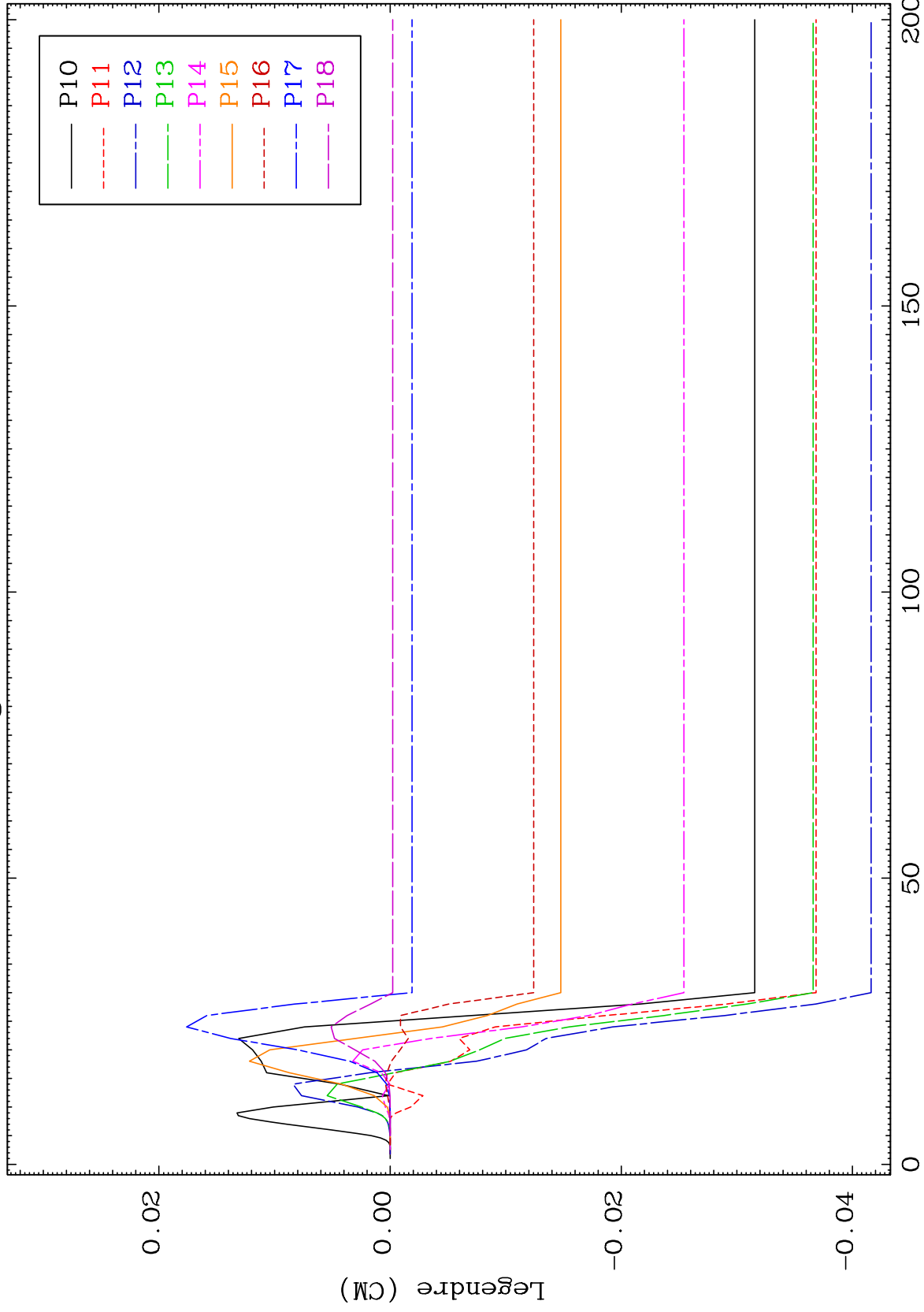
Incident Energy (MeV)

71-Lu-159

MAT 7077

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

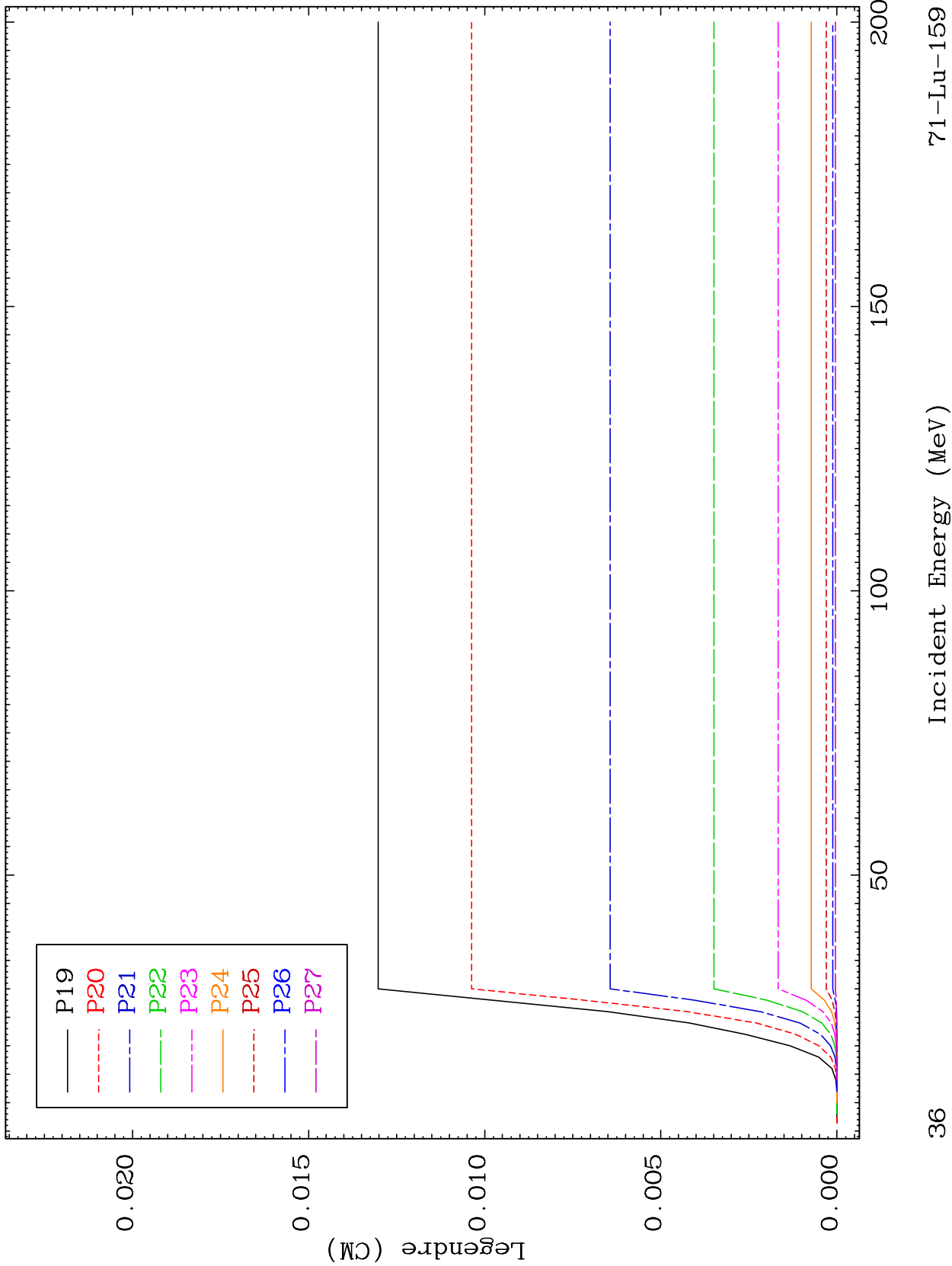
71-Lu-159



35

Incident Energy (MeV)

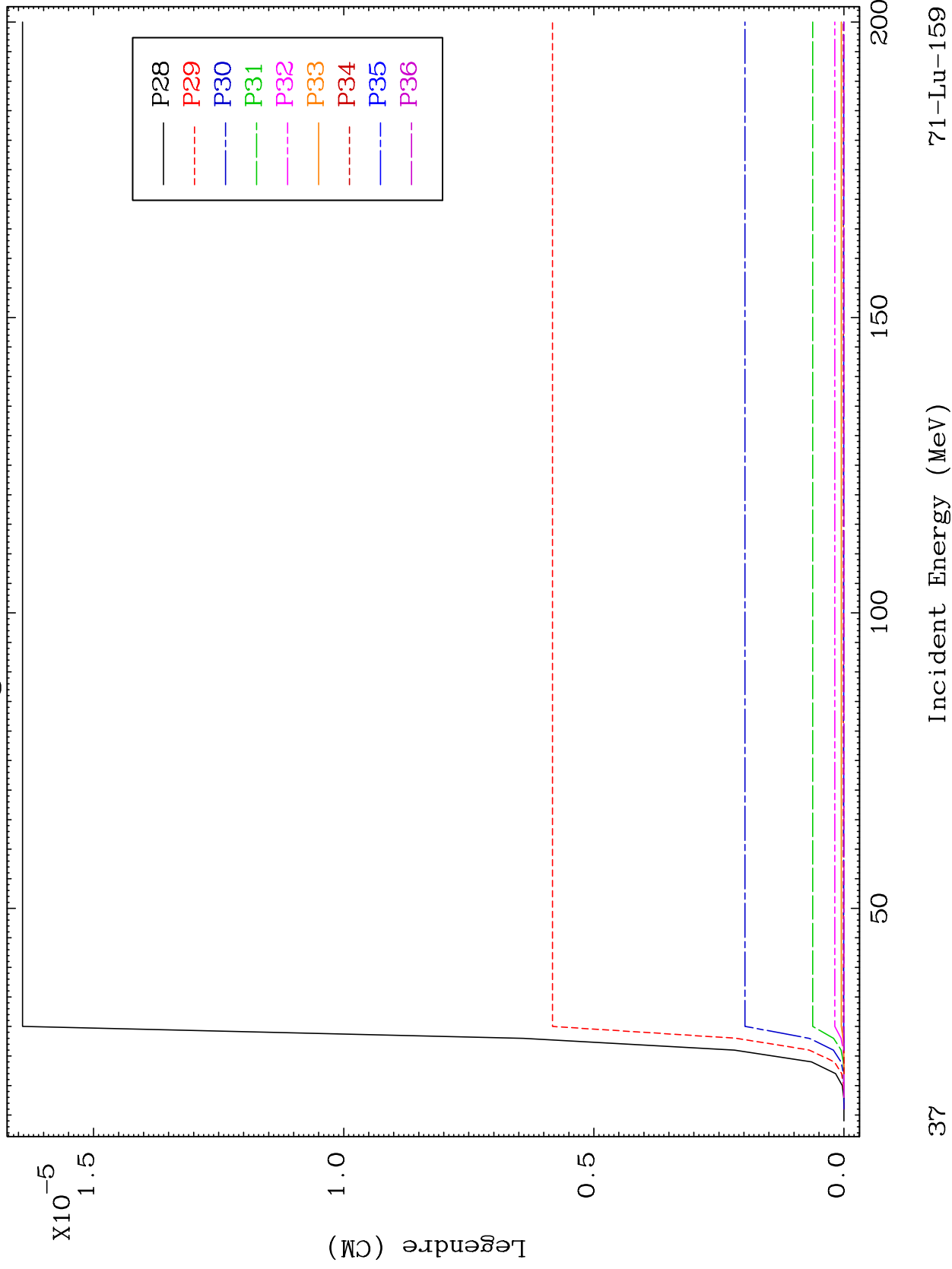
71-Lu-159



MAT 7077

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

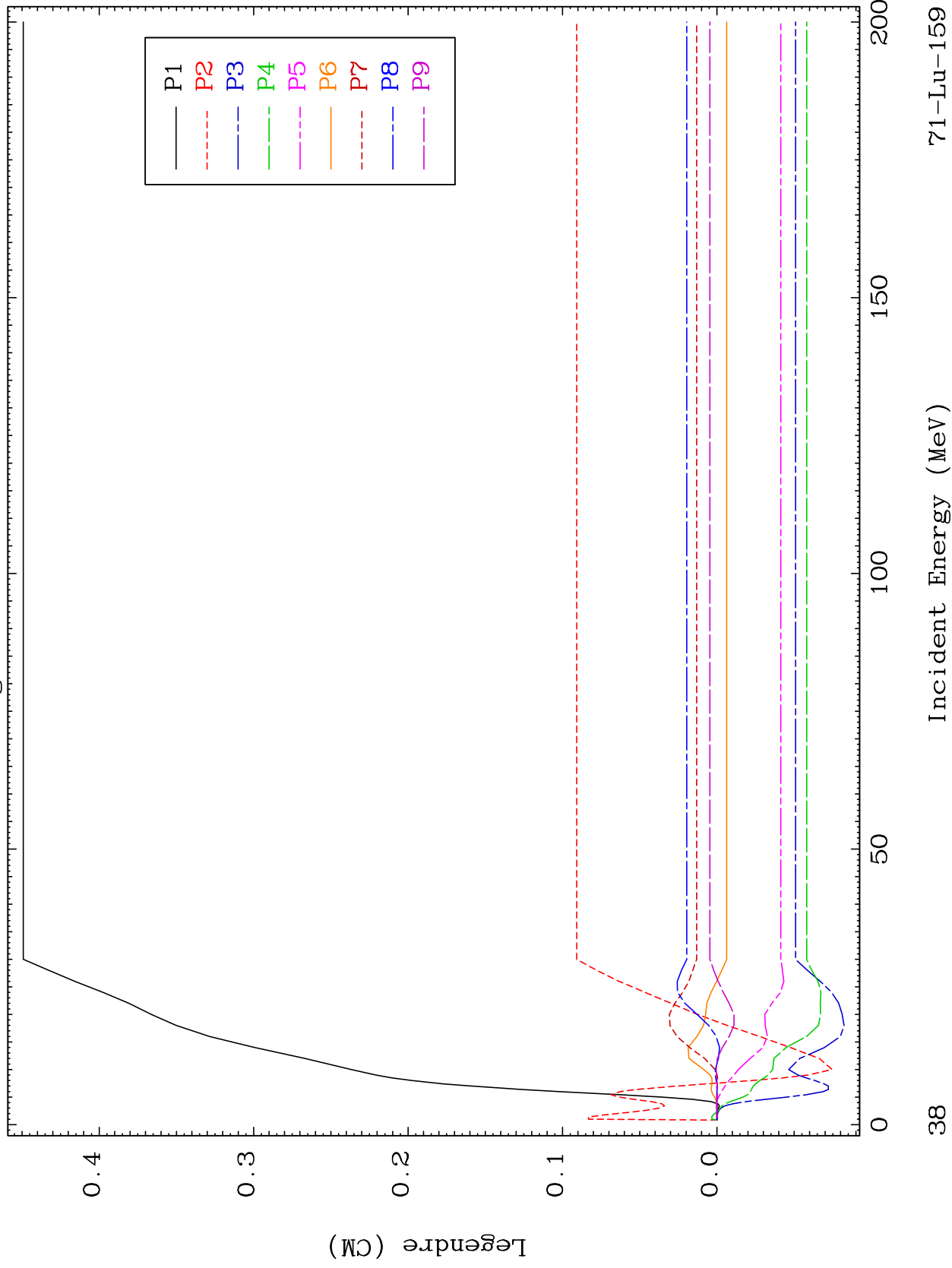
71-Lu-159



MAT 7077

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

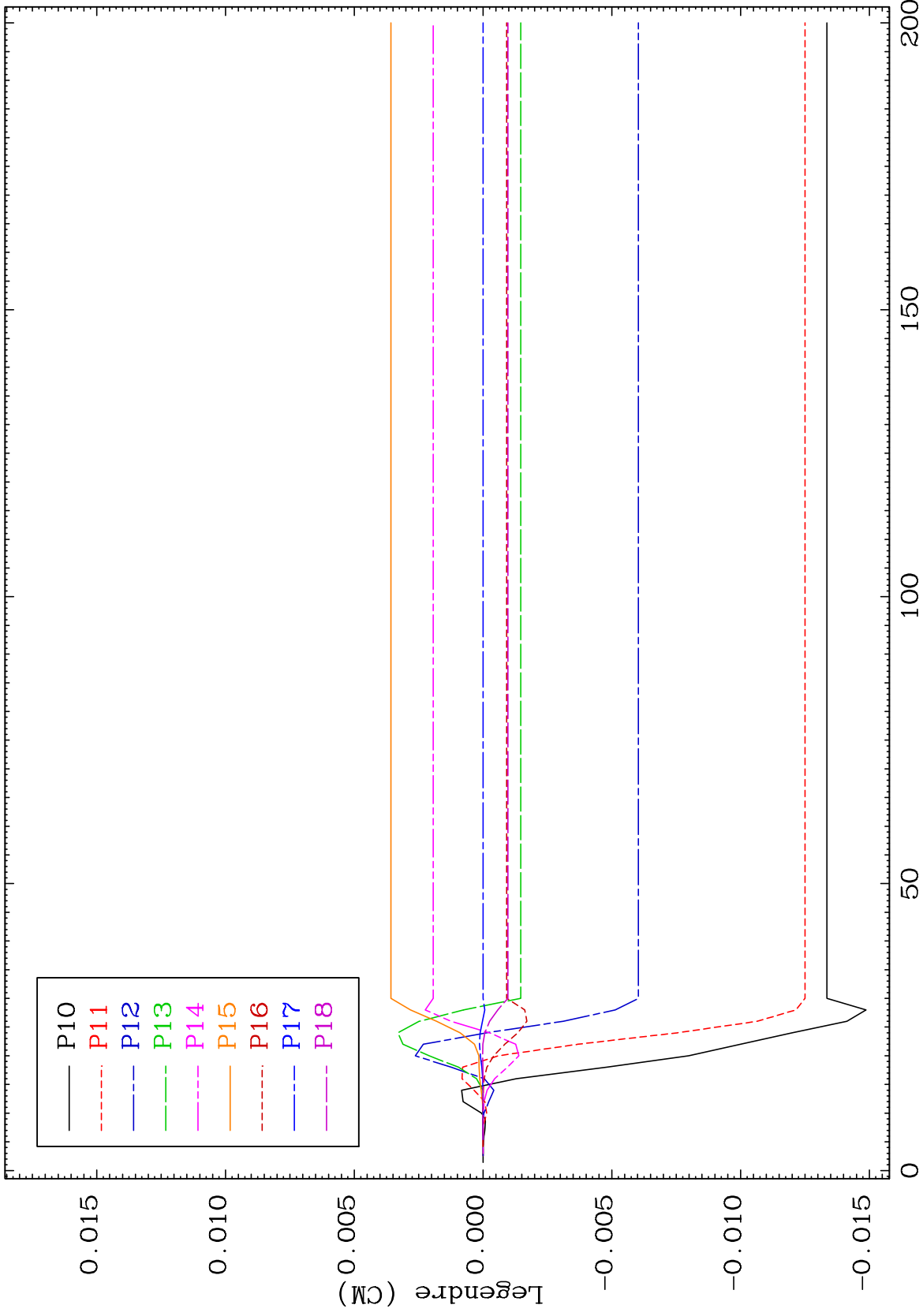
71-Lu-159



71-Lu-159

Incident Energy (MeV)

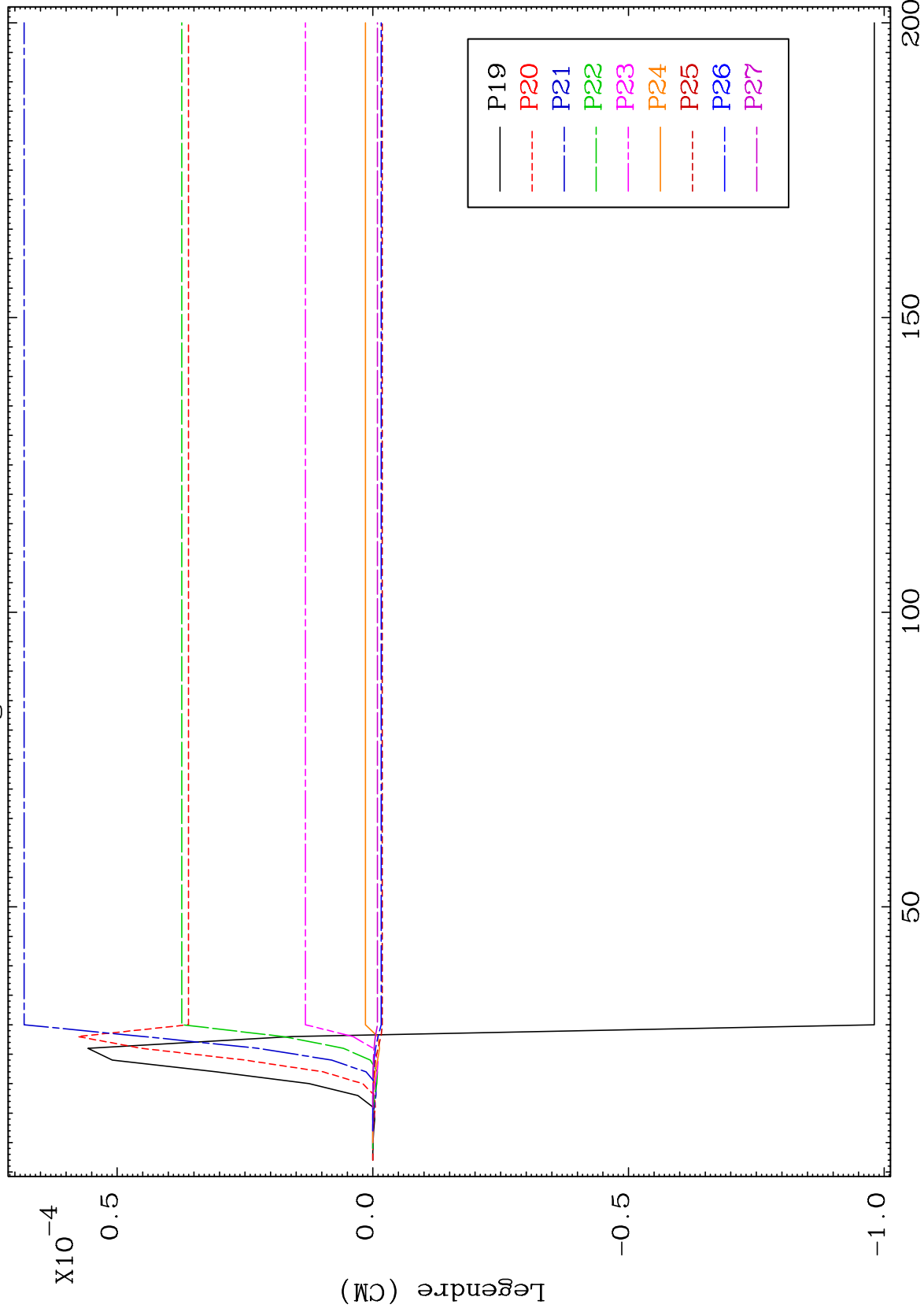
38



MAT 70777

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

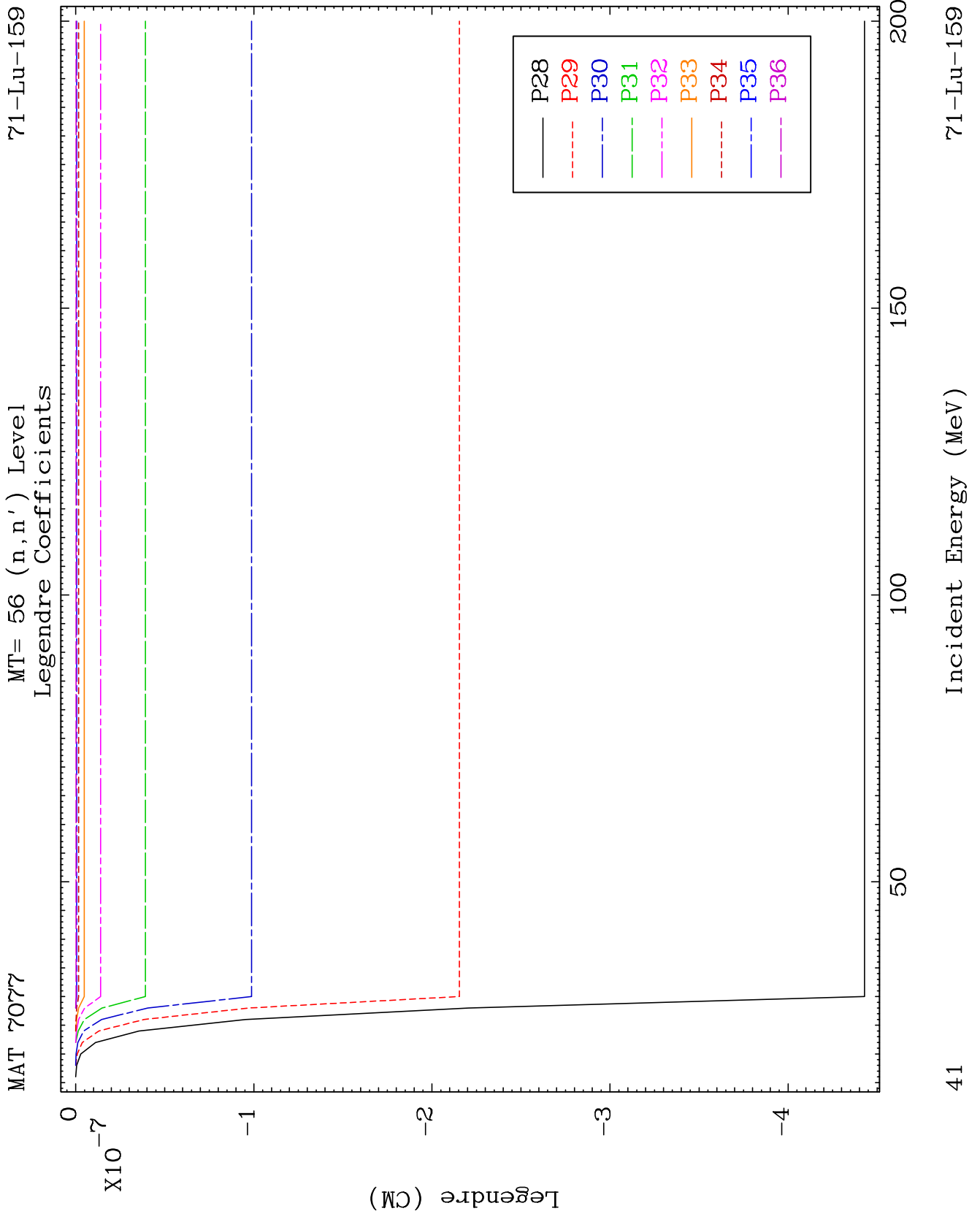
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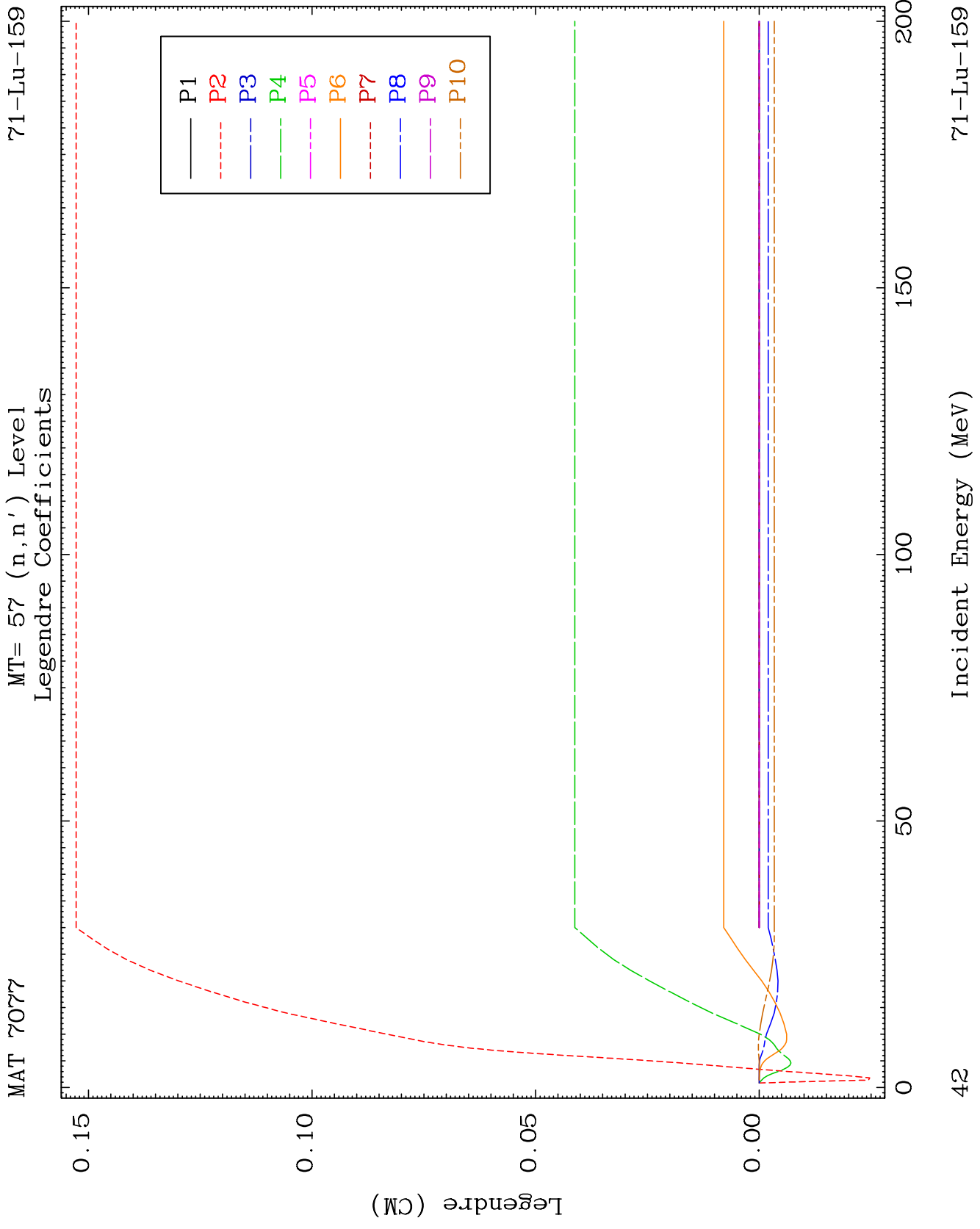


40

Incident Energy (MeV)

71-Lu-159

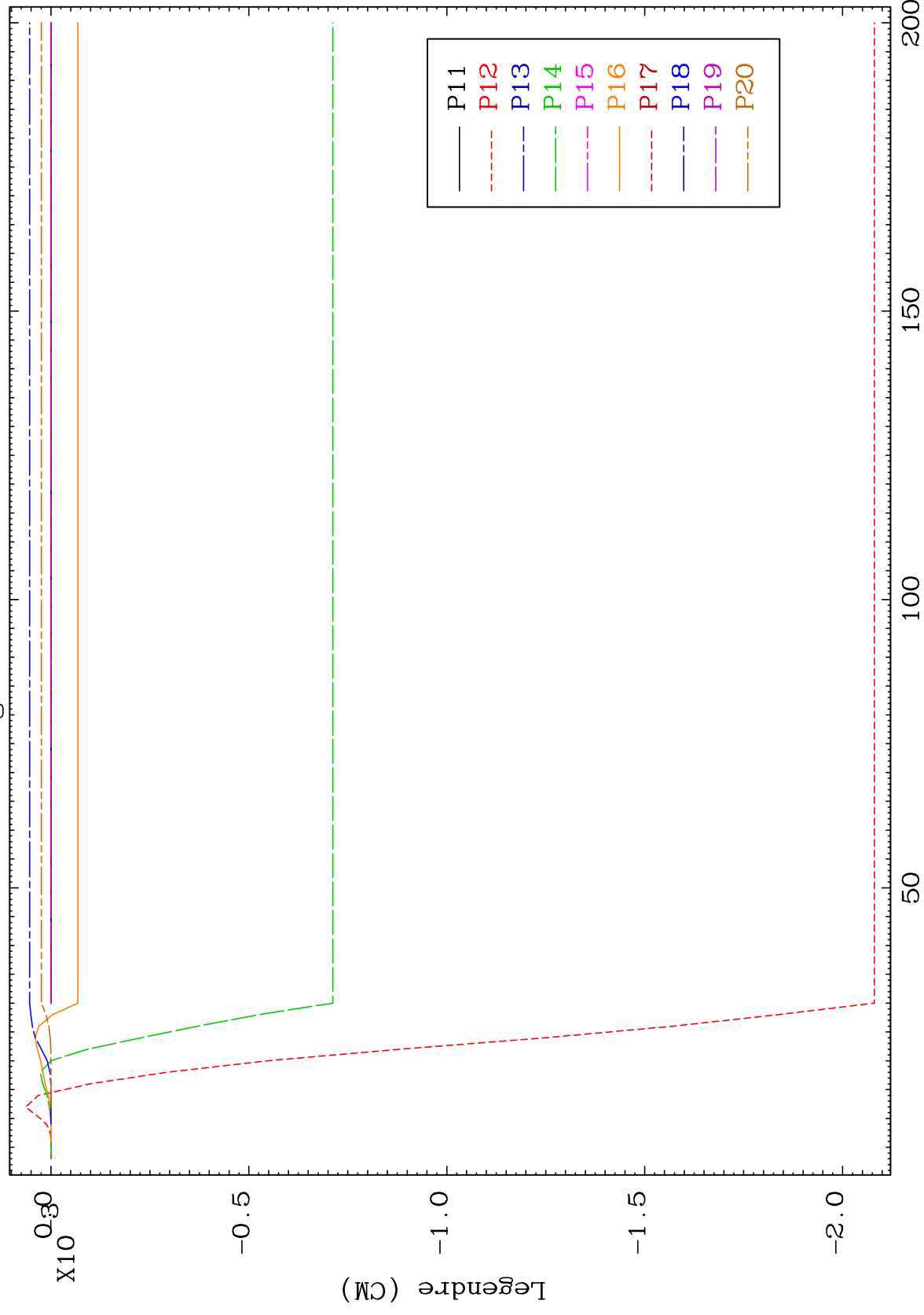




MAT 70777

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

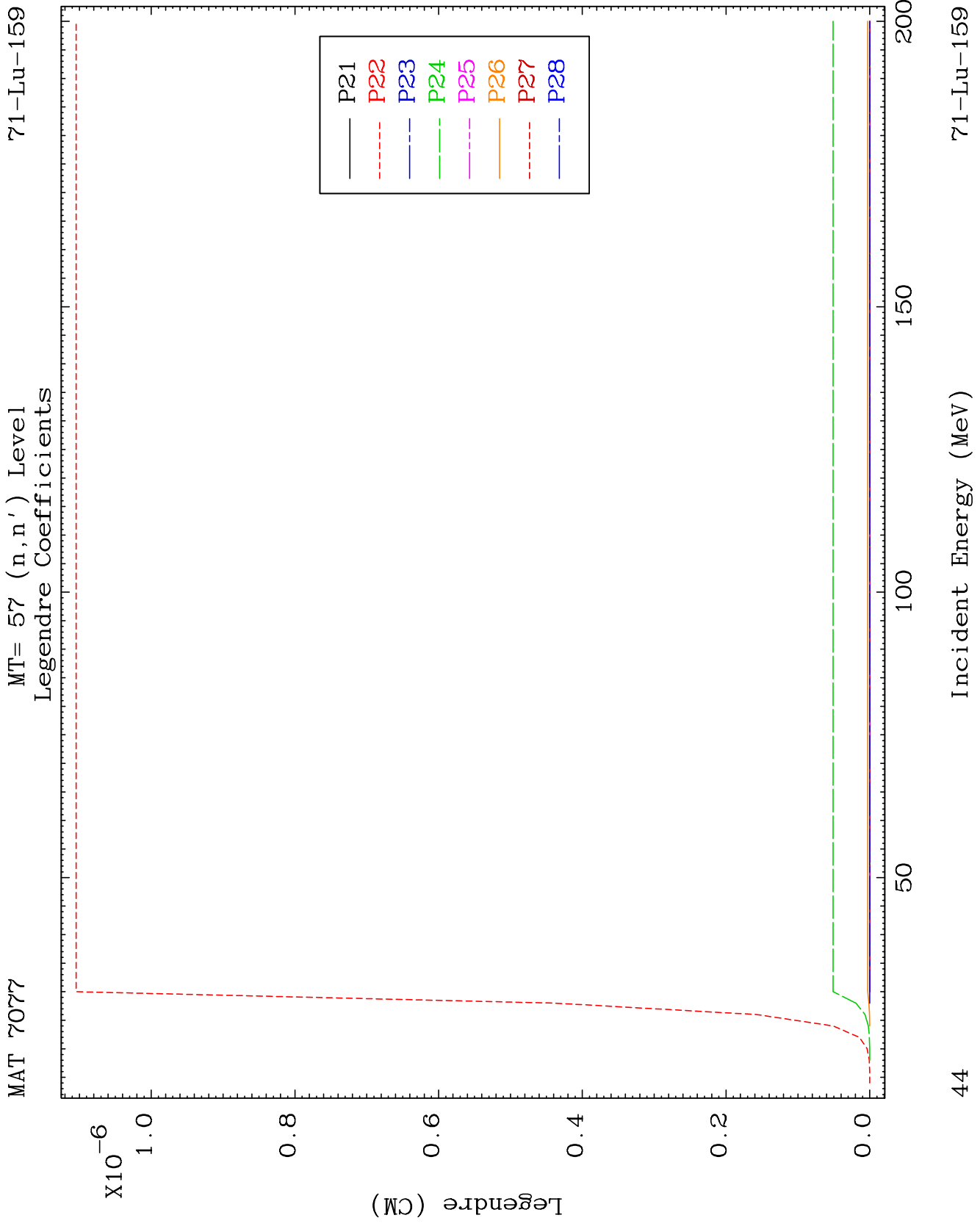
71-Lu-159



43

Incident Energy (MeV)

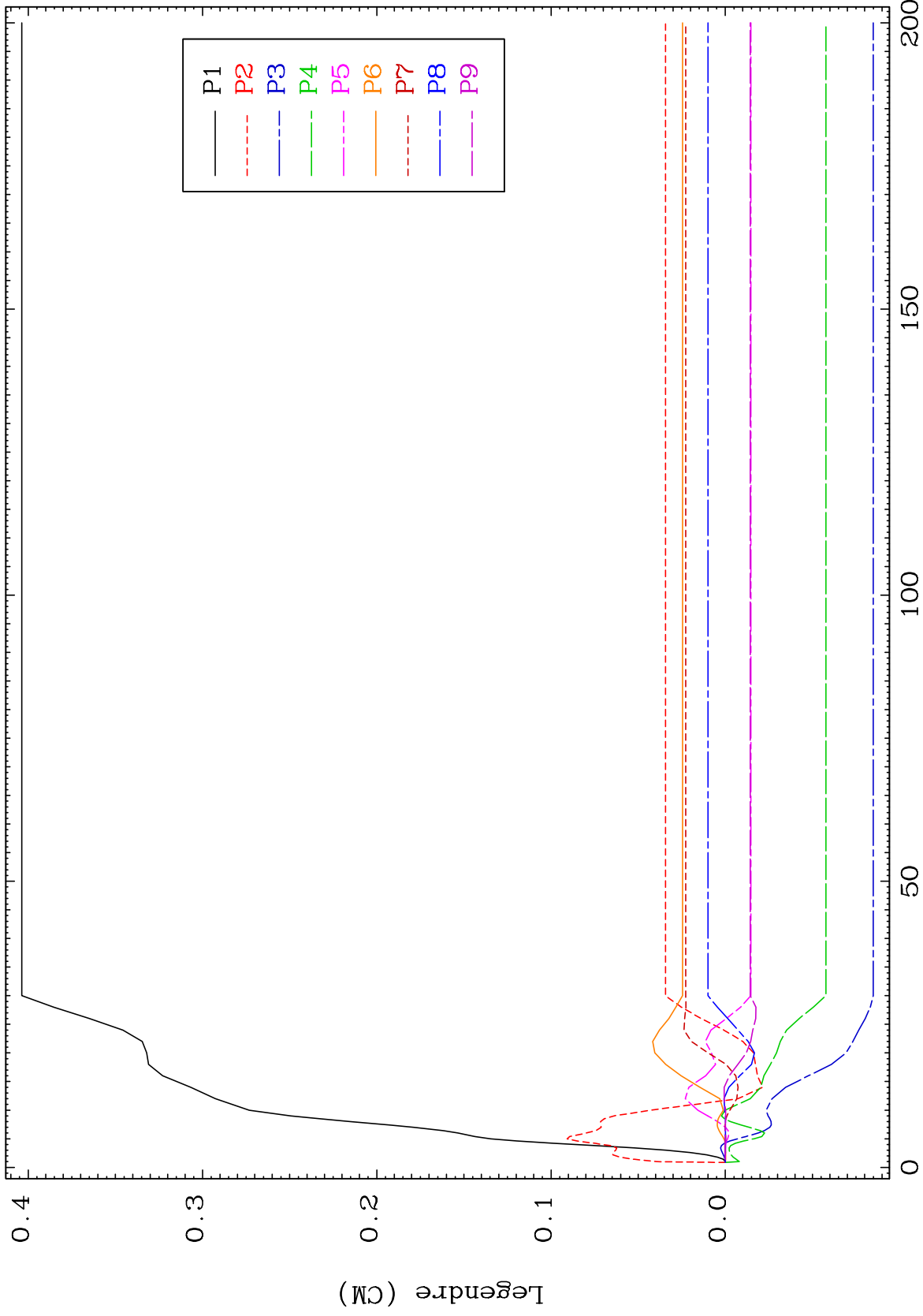
71-Lu-159



MAT 70777

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

71-Lu-159



71-Lu-159

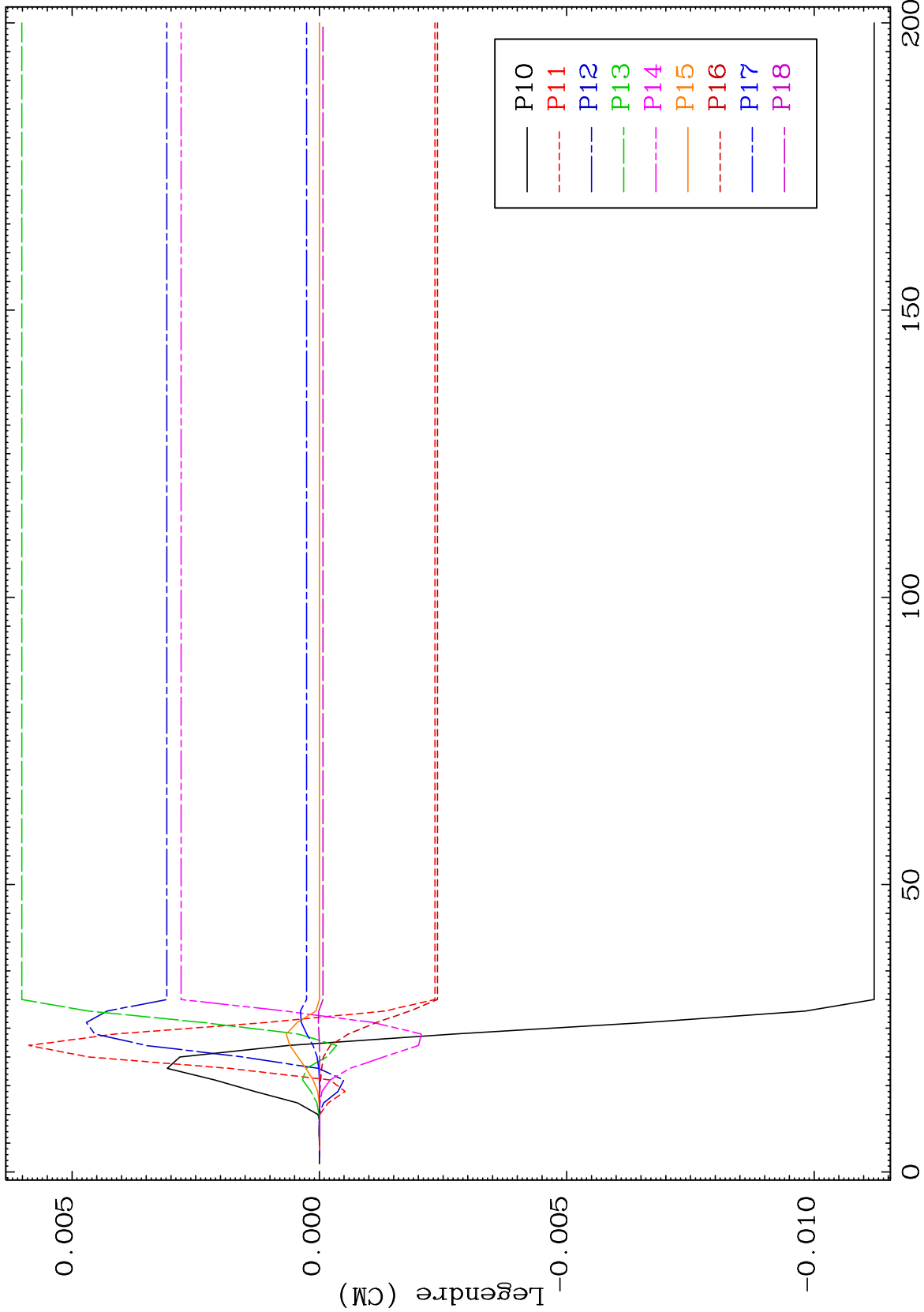
Incident Energy (MeV)

45

MAT 70777

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

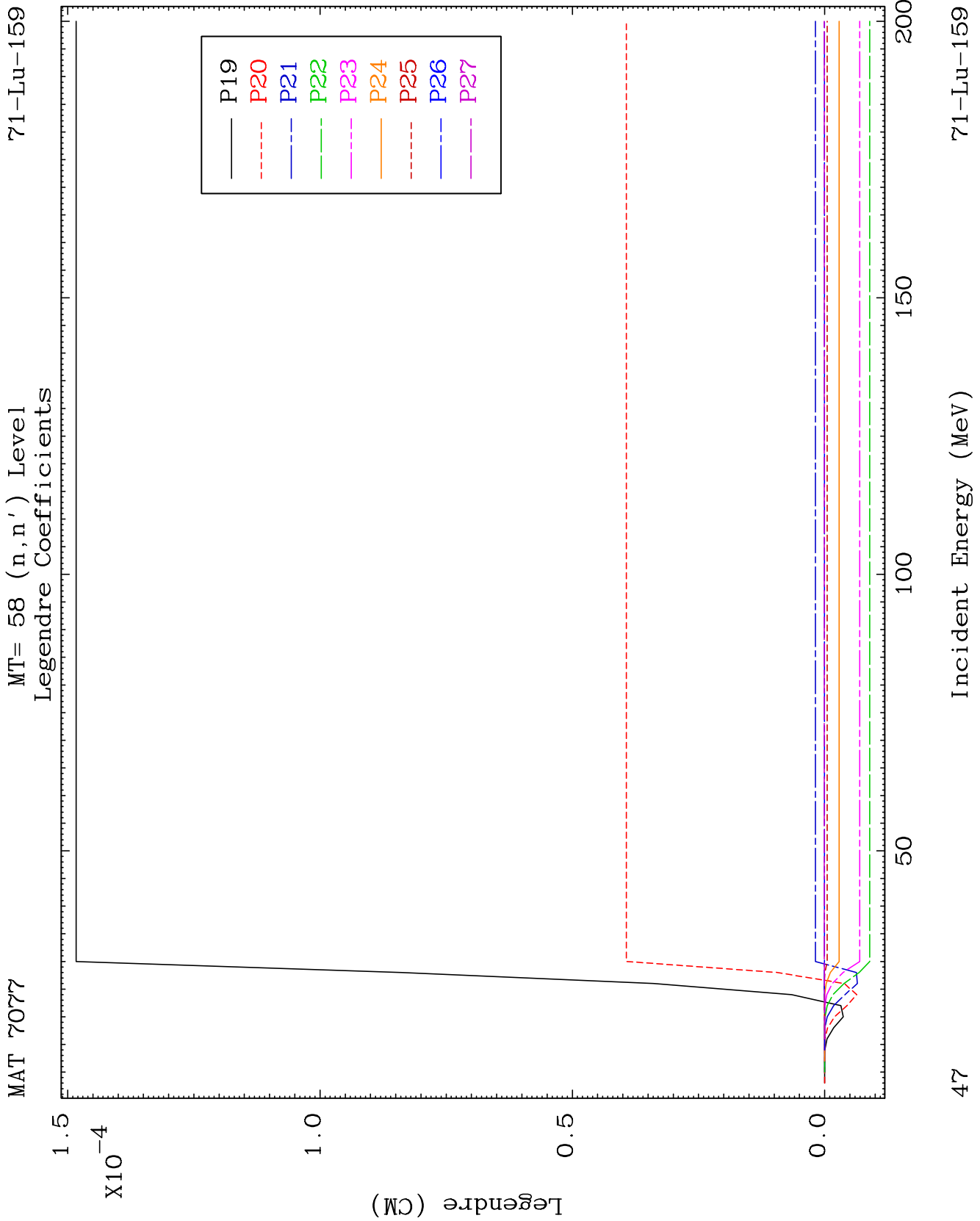
71-Lu-159



46

Incident Energy (MeV)

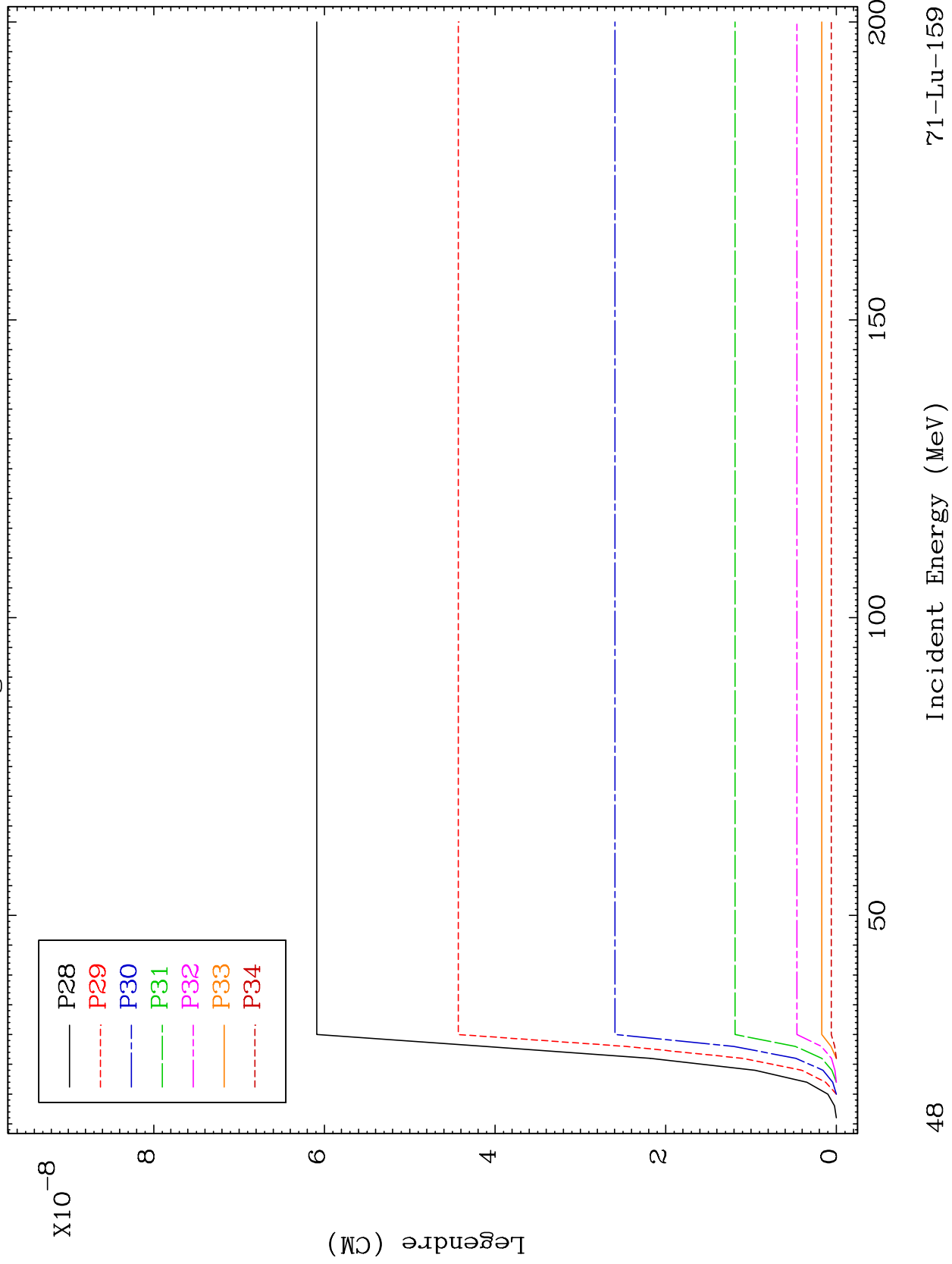
71-Lu-159



MAT 70777

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

71-Lu-159



71-Lu-159

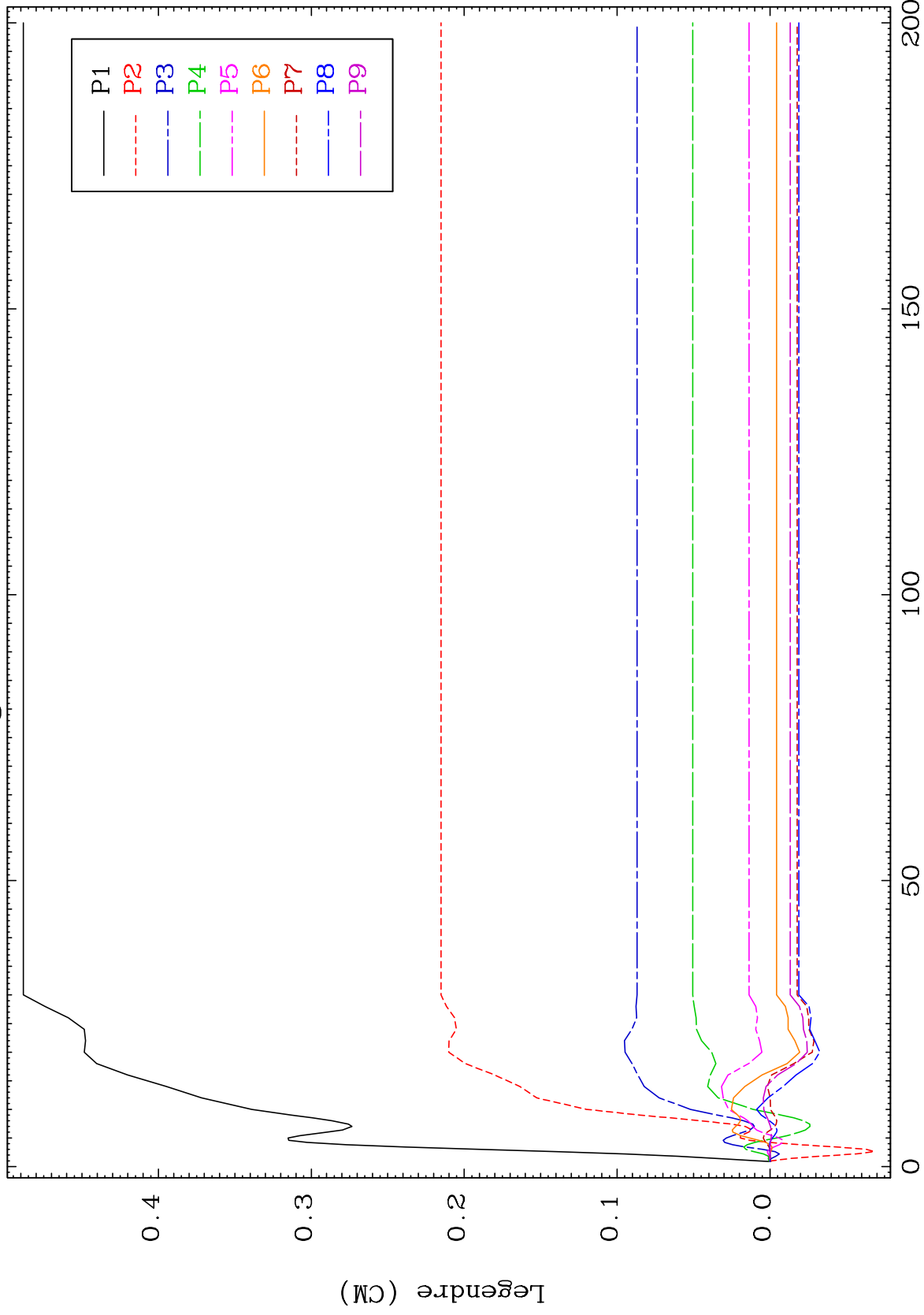
Incident Energy (MeV)

48

MAT 7077

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

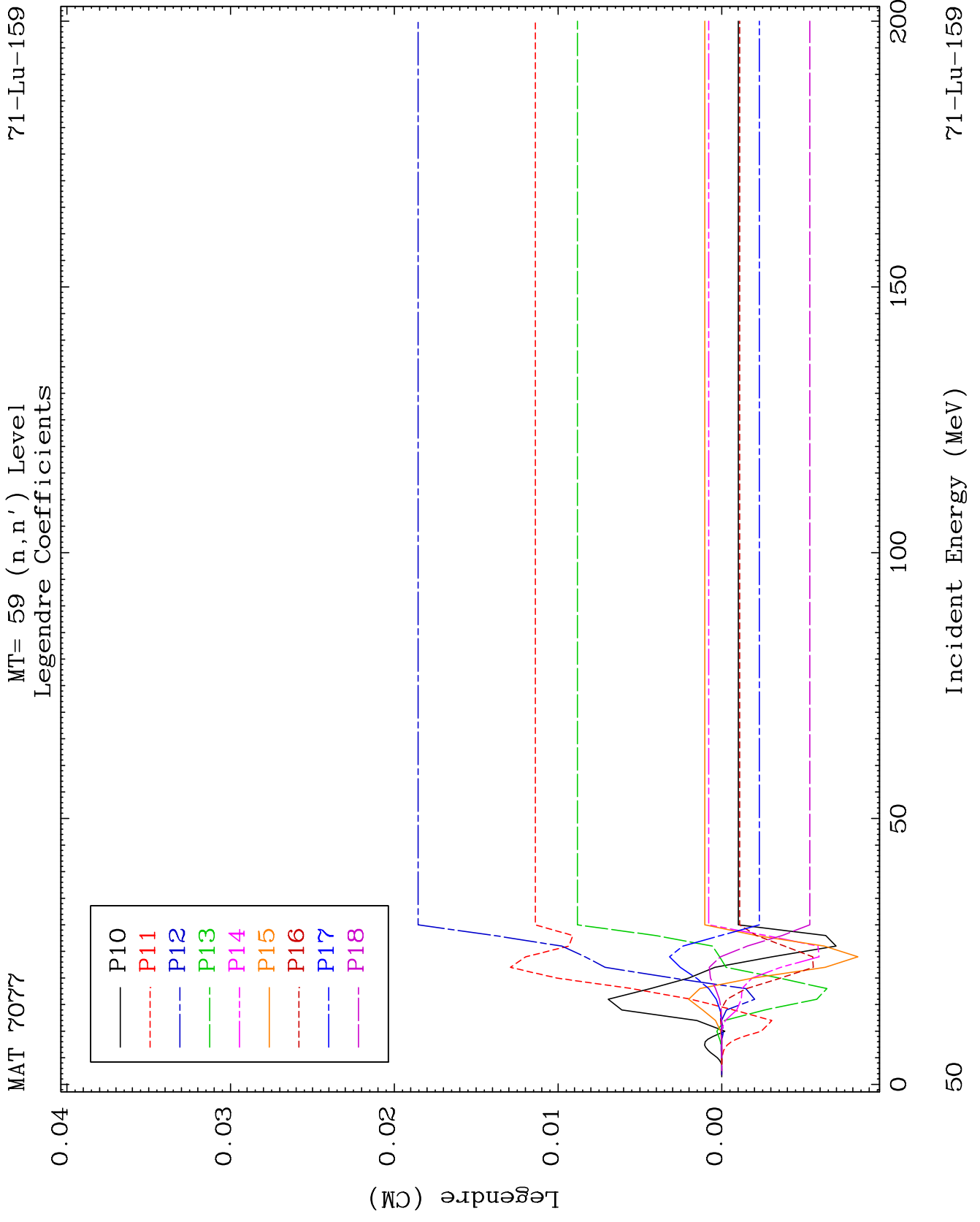
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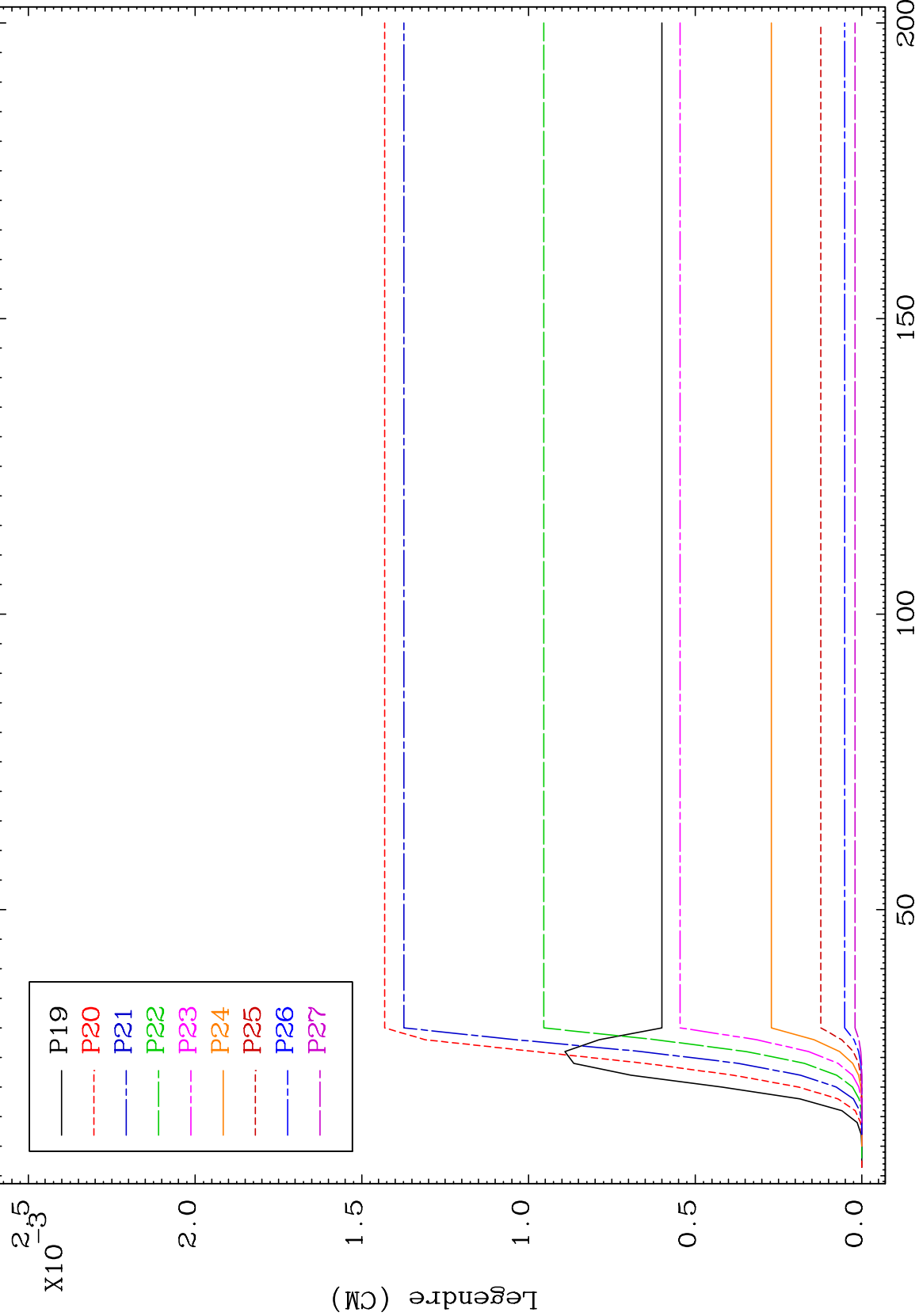


49

Incident Energy (MeV)

71-Lu-159

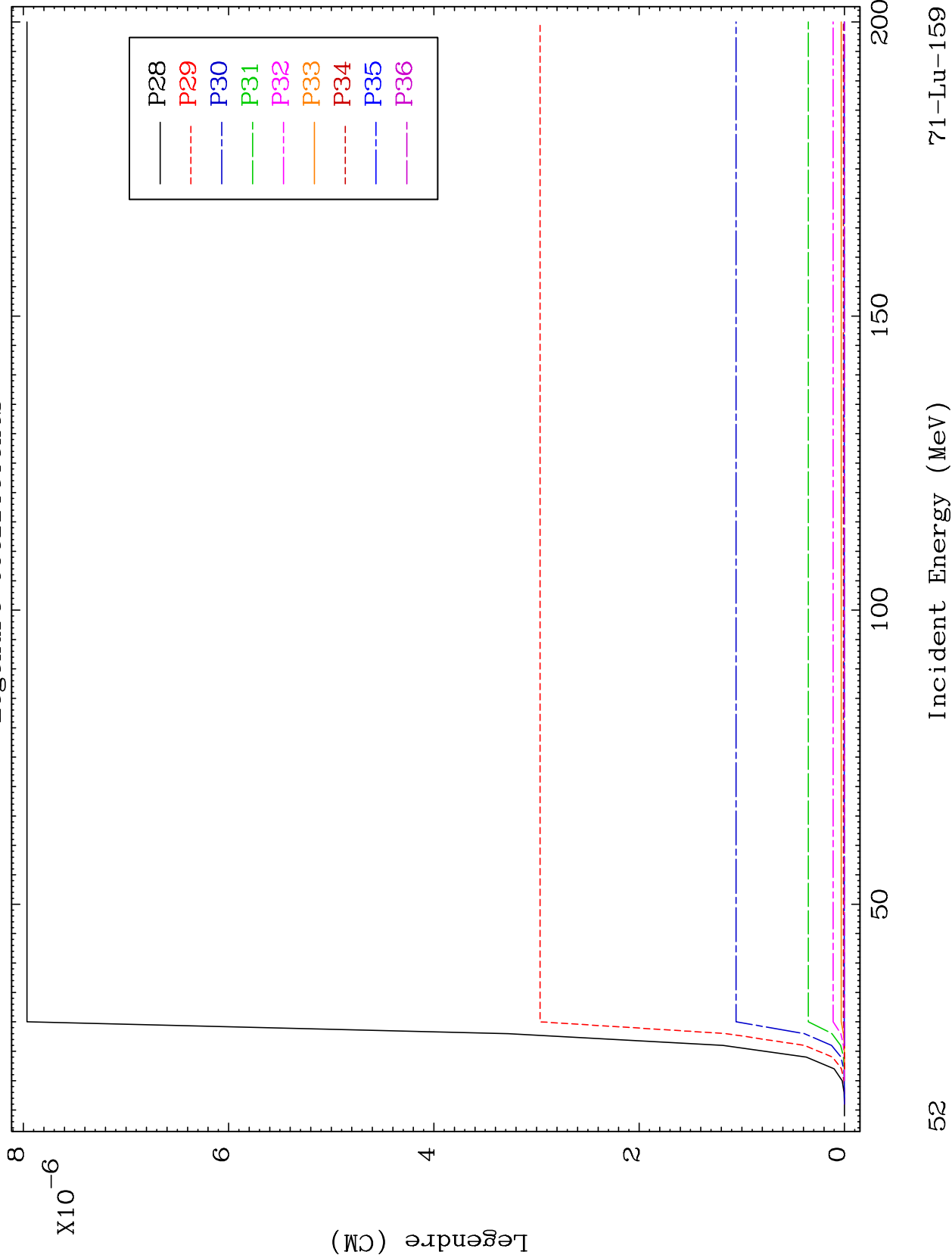




MAT 7077

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

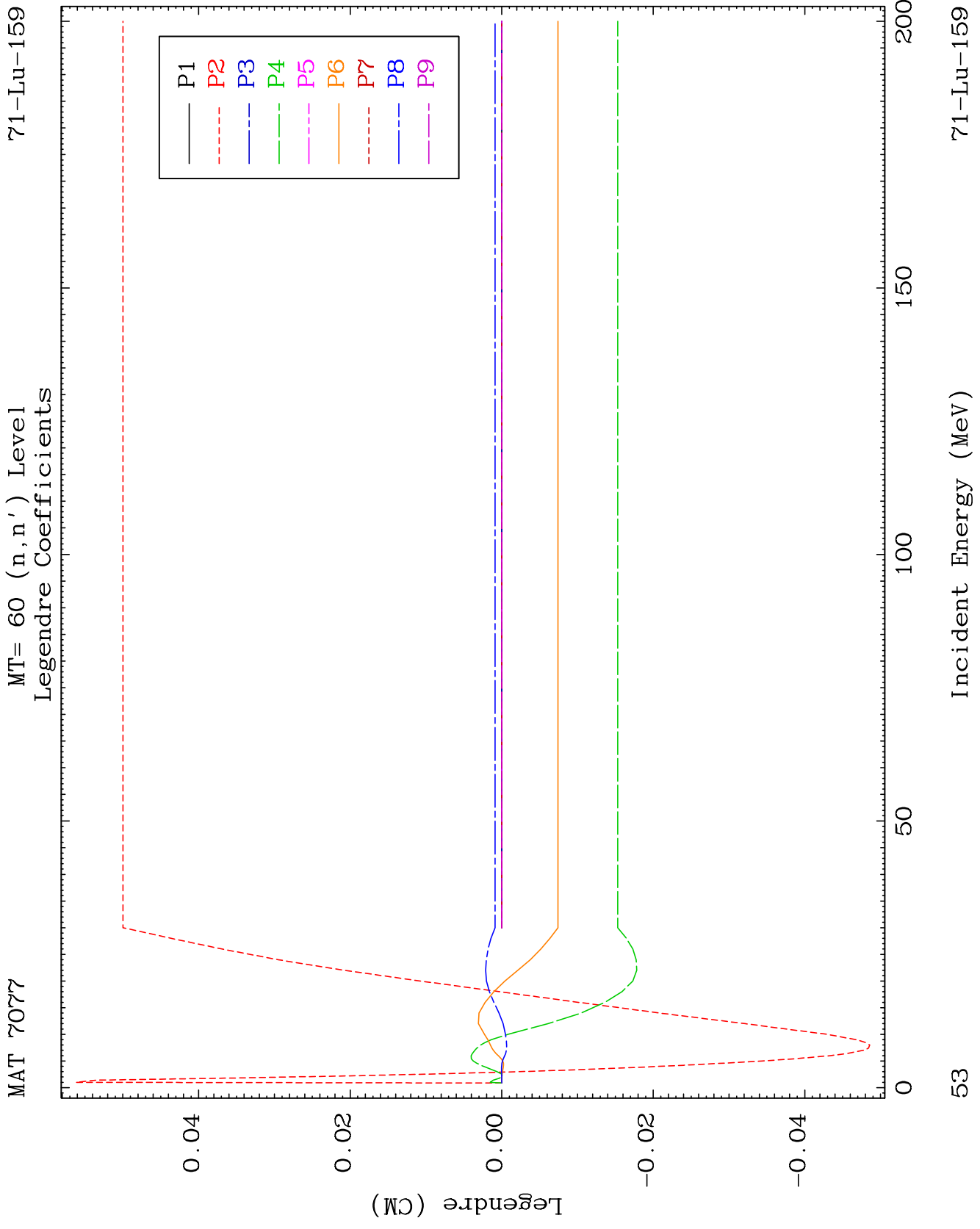
71-Lu-159



52

Incident Energy (MeV)

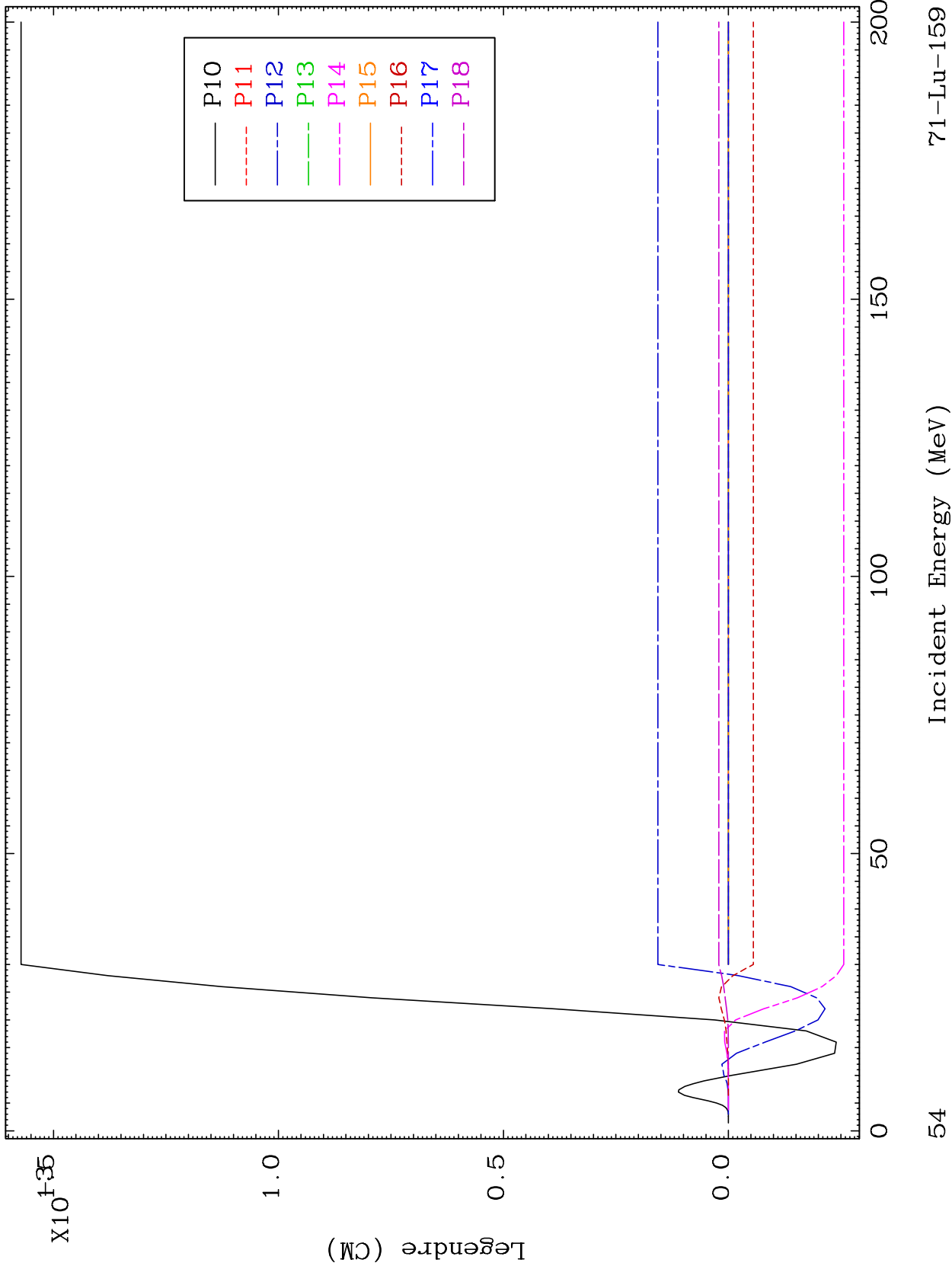
71-Lu-159



MAT 70777

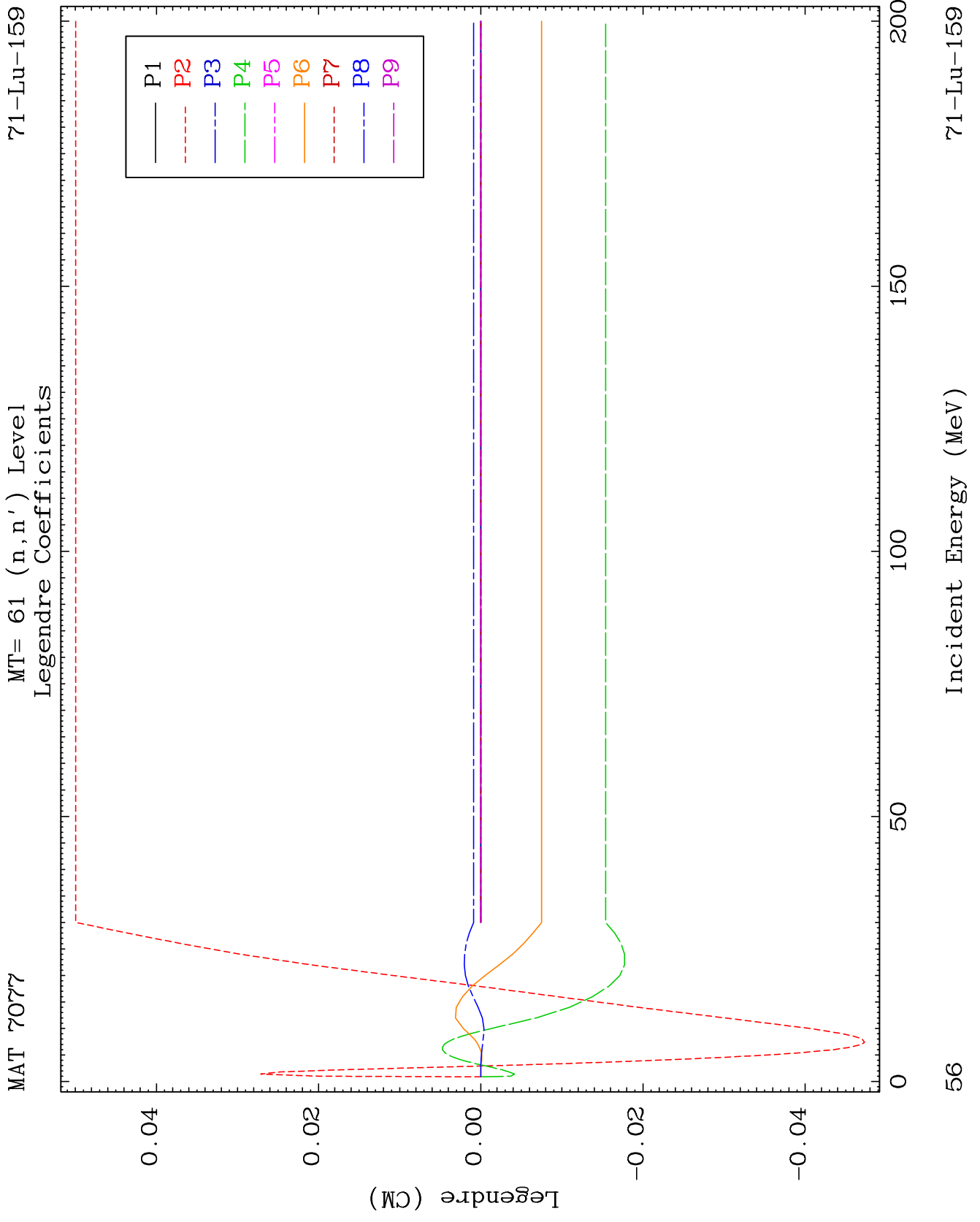
MT= 60 (n,n') Level
Legendre Coefficients

71-Lu-159



54

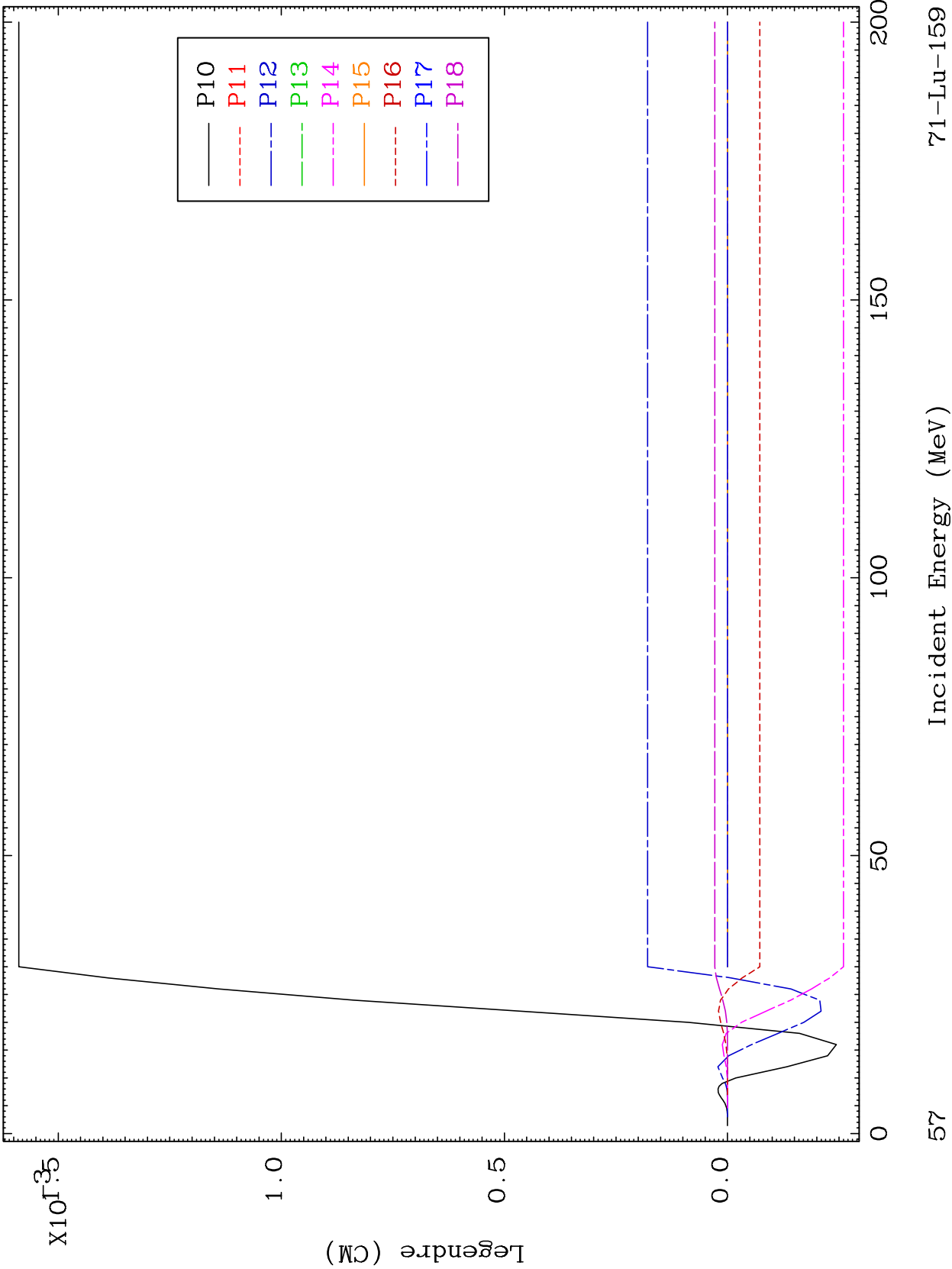
71-Lu-159



MAT 7077

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

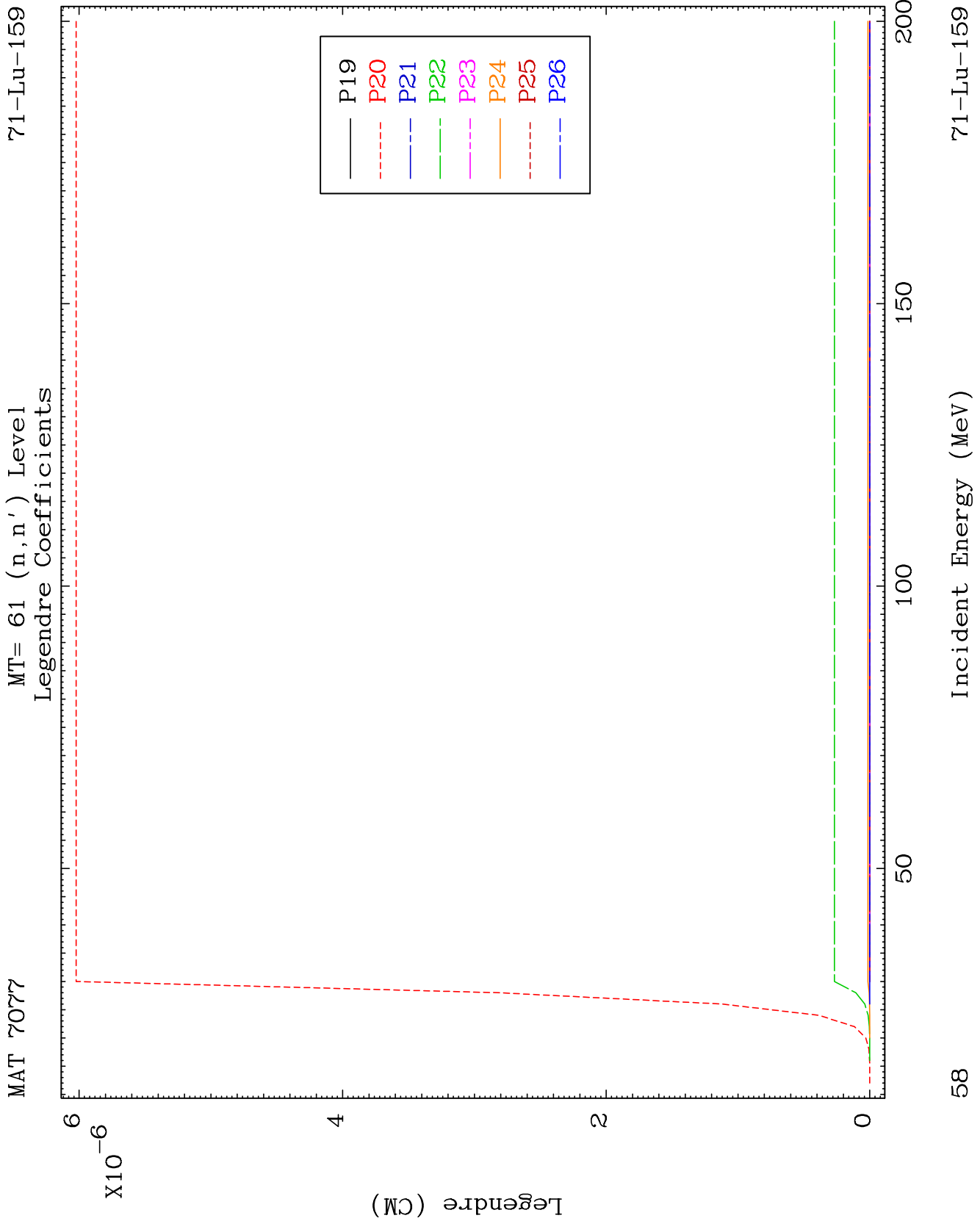
71-Lu-159



71-Lu-159

Incident Energy (MeV)

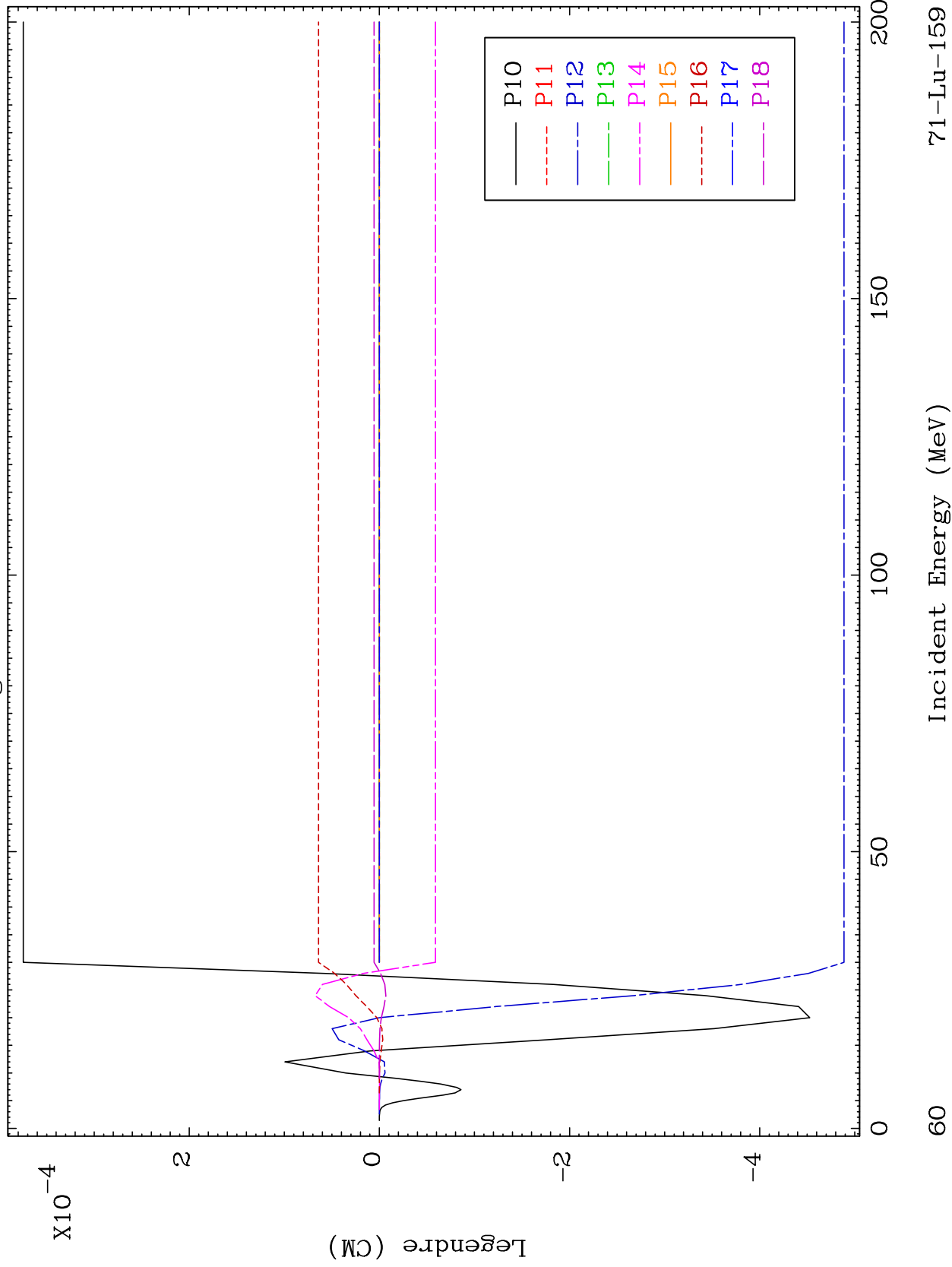
57



MAT 70777

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

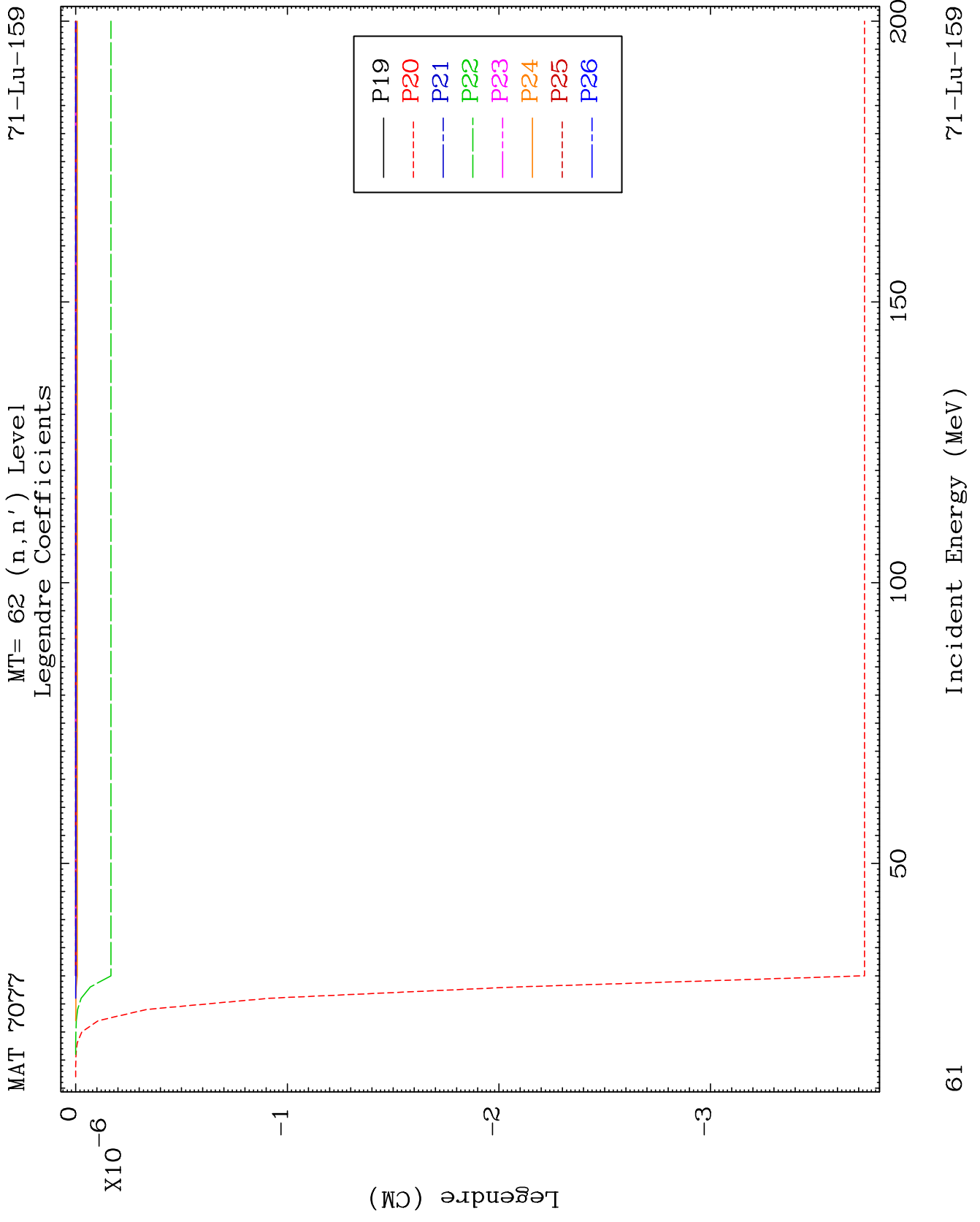
71-Lu-159



71-Lu-159

Incident Energy (MeV)

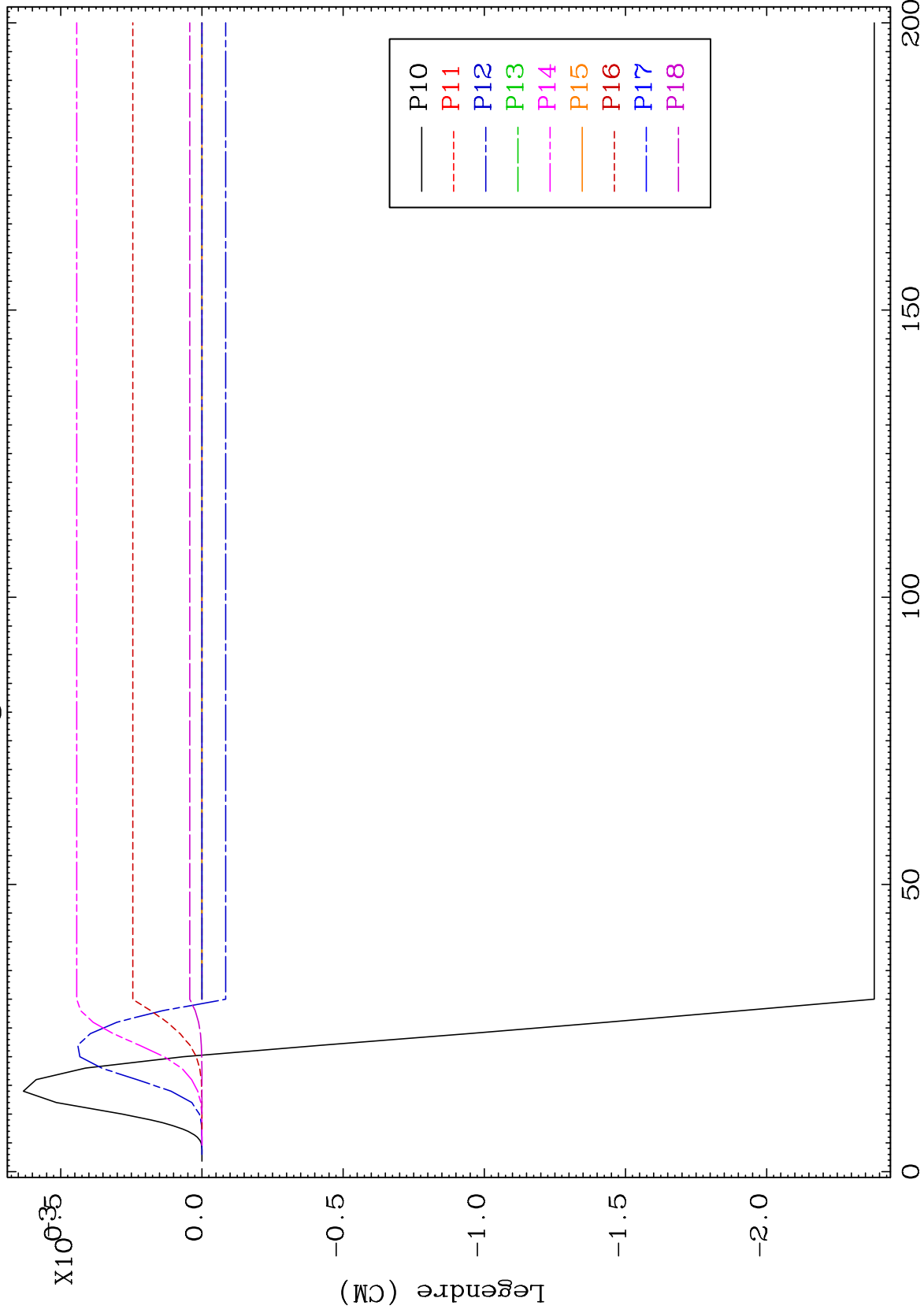
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MAT 7077

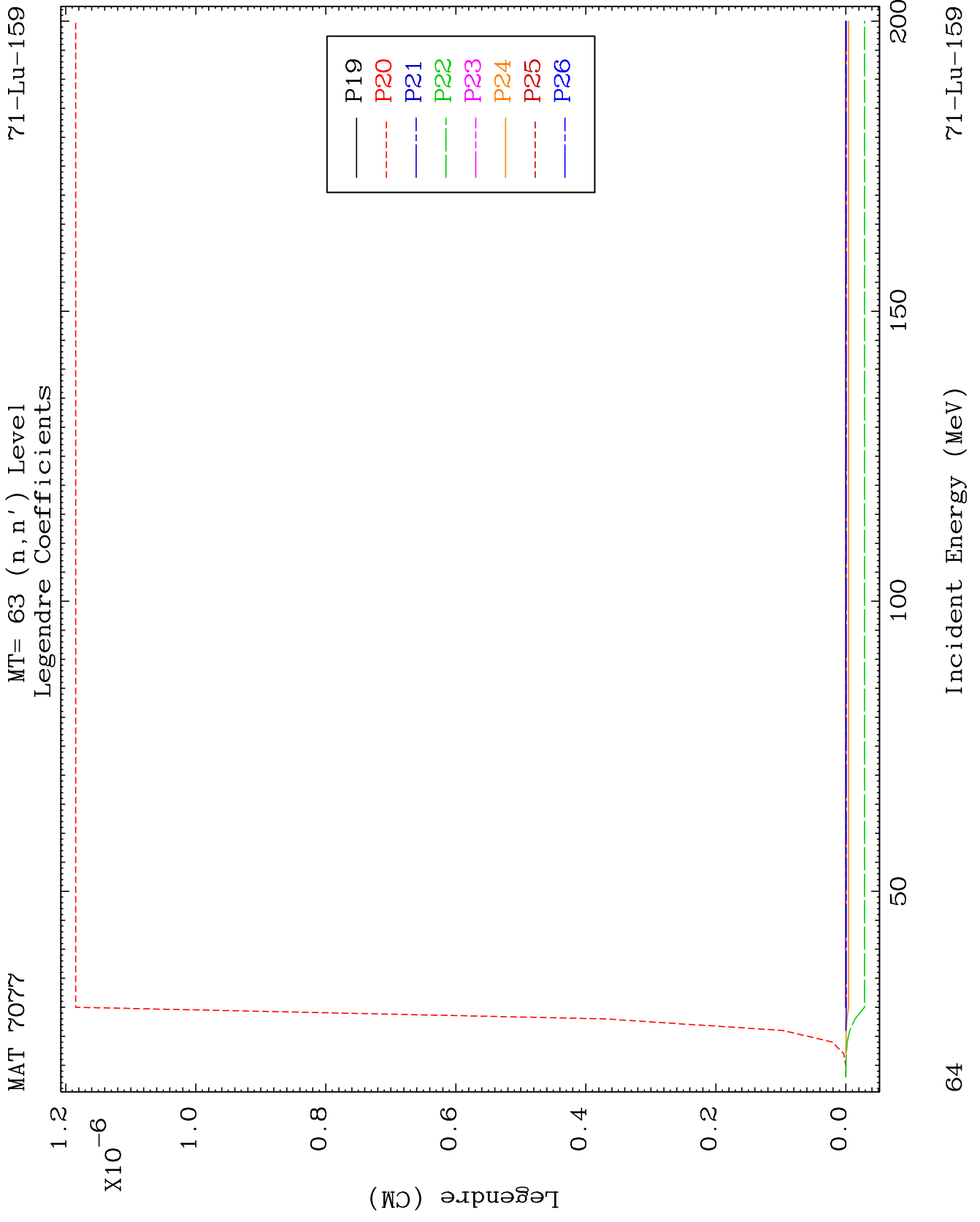
MT= 63 (n,n') Level
Legendre Coefficients

71-Lu-159



63

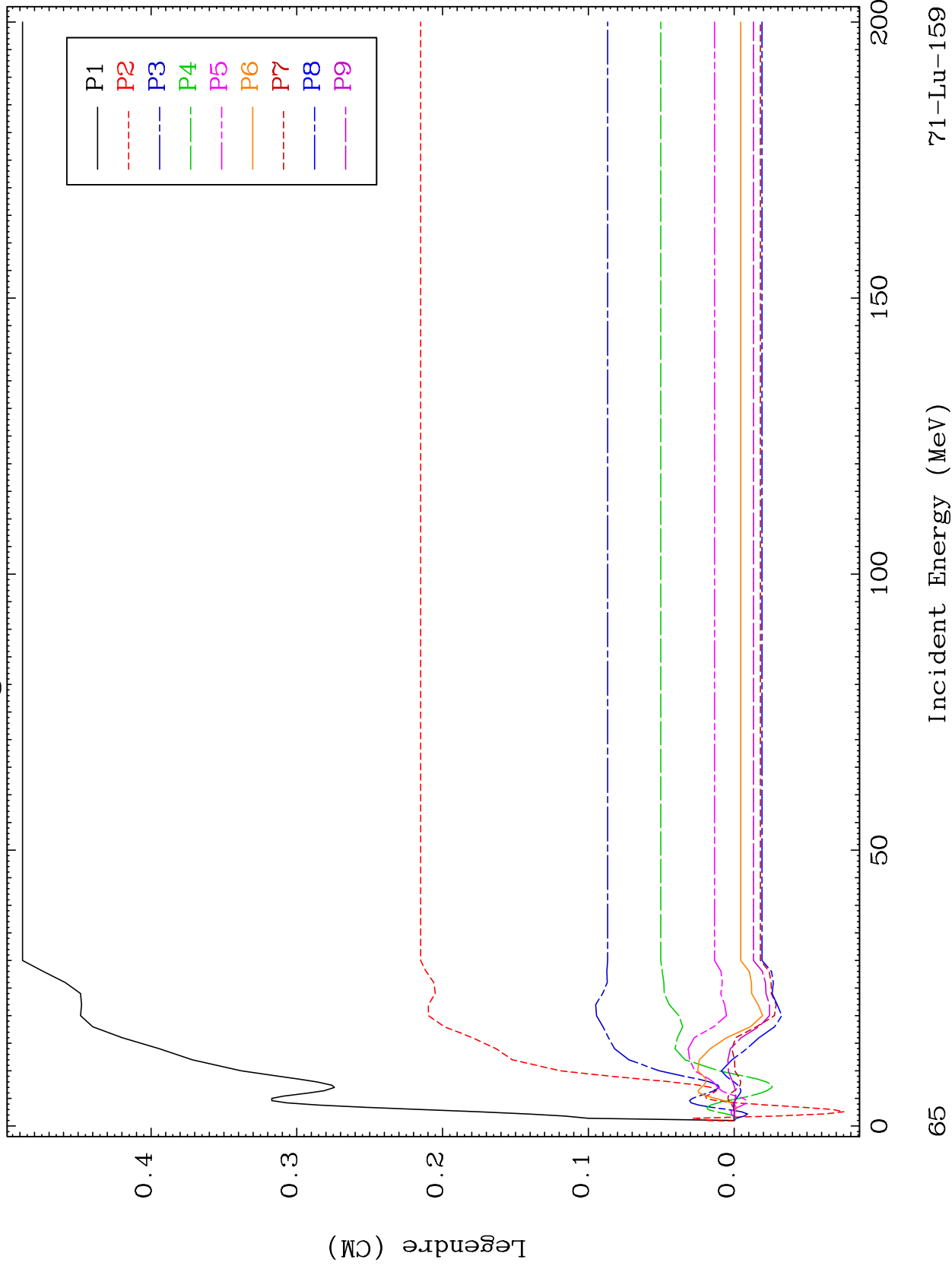
71-Lu-159



MAT 70777

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

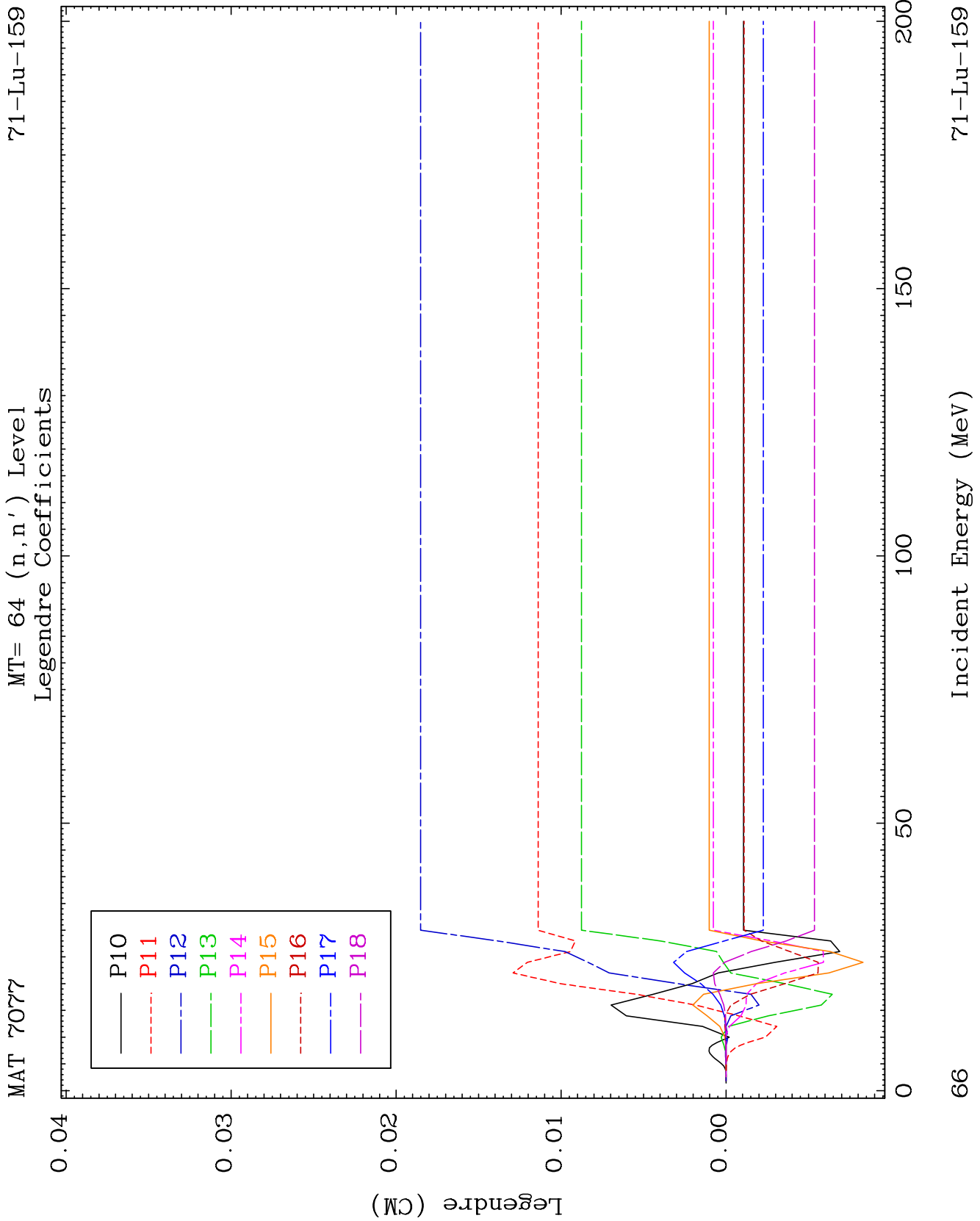
71-Lu-159



71-Lu-159

Incident Energy (MeV)

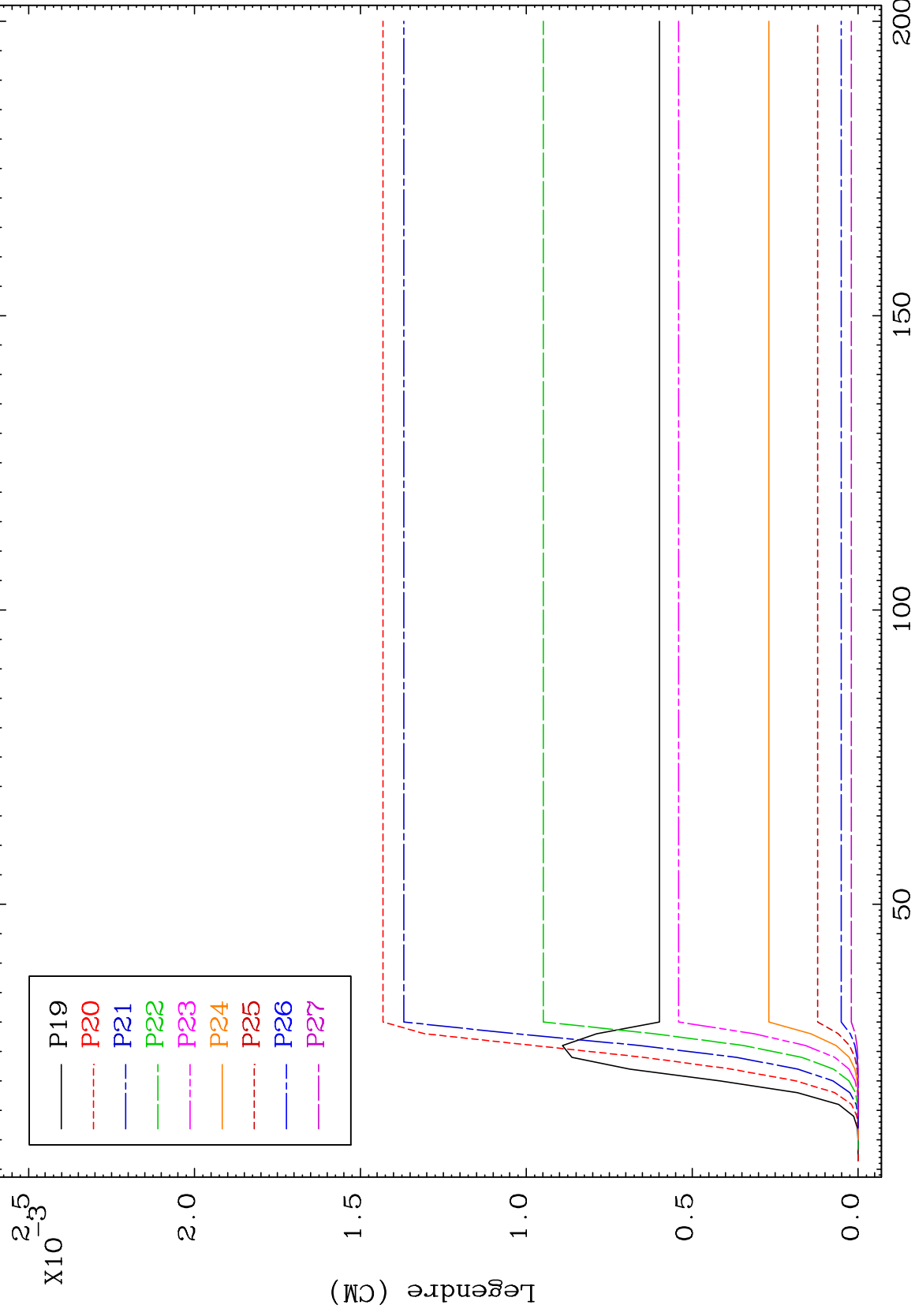
65



MAT 70777

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

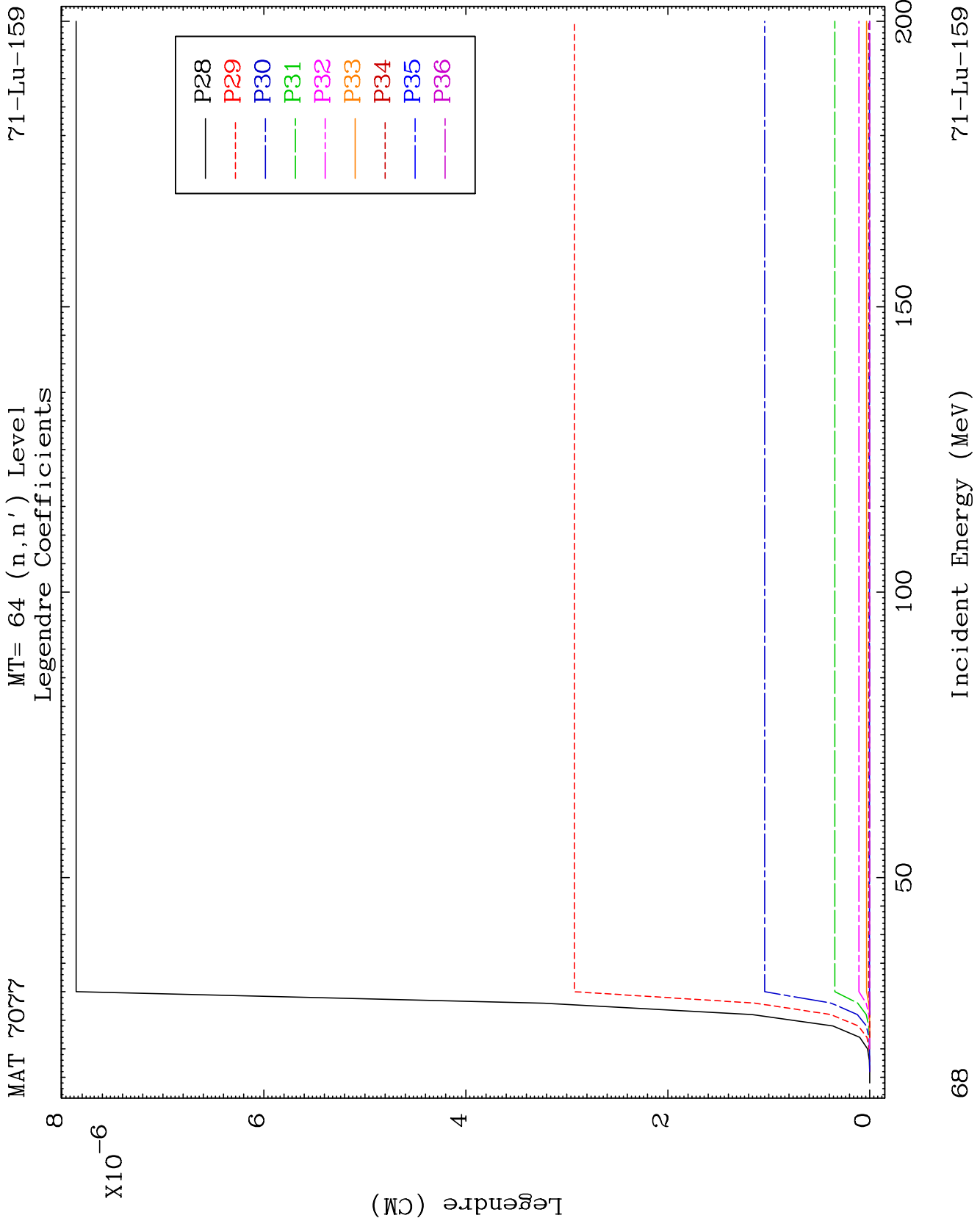
71-Lu-159



67

Incident Energy (MeV)

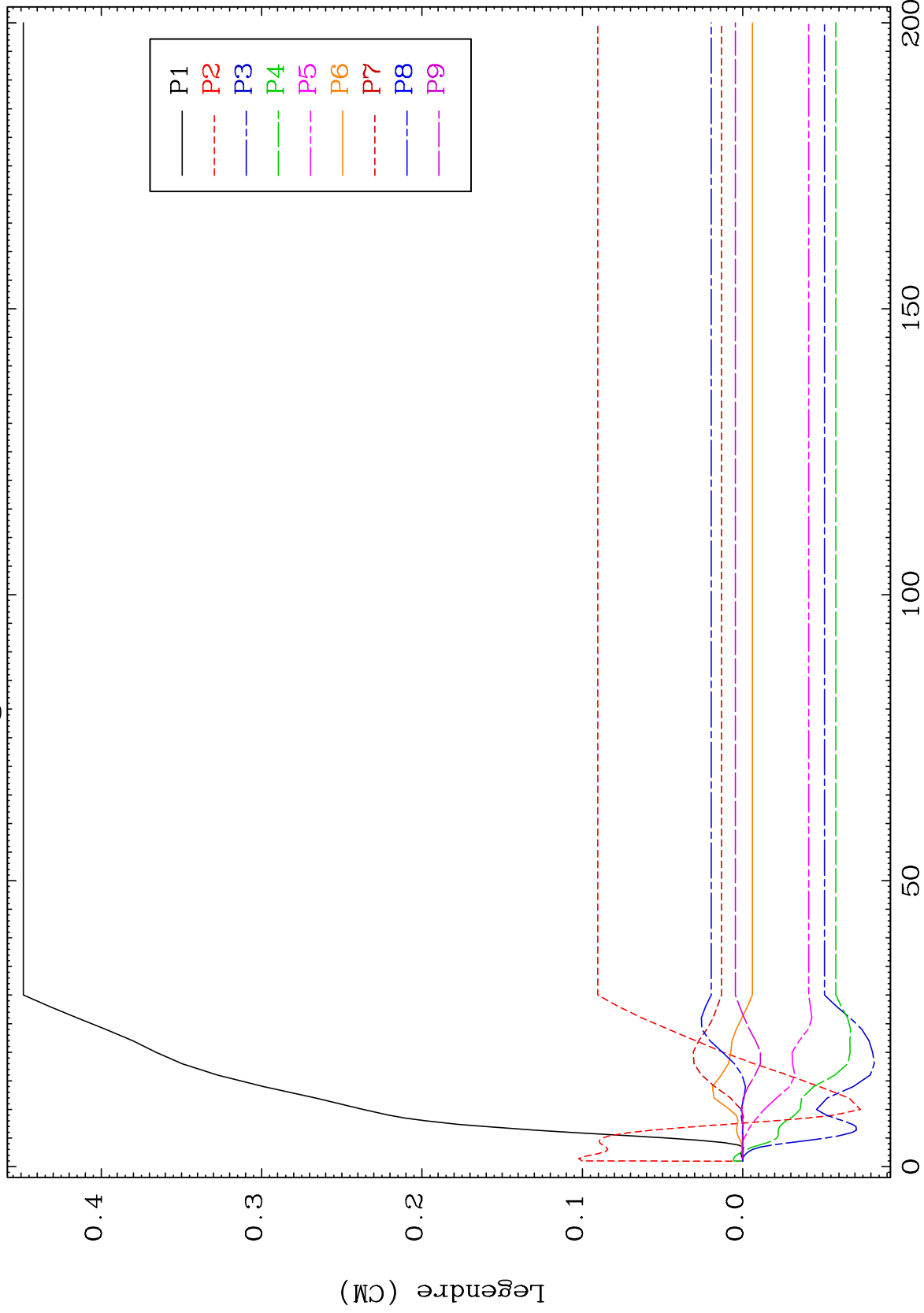
71-Lu-159



MAT 7077

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

71-Lu-159



69

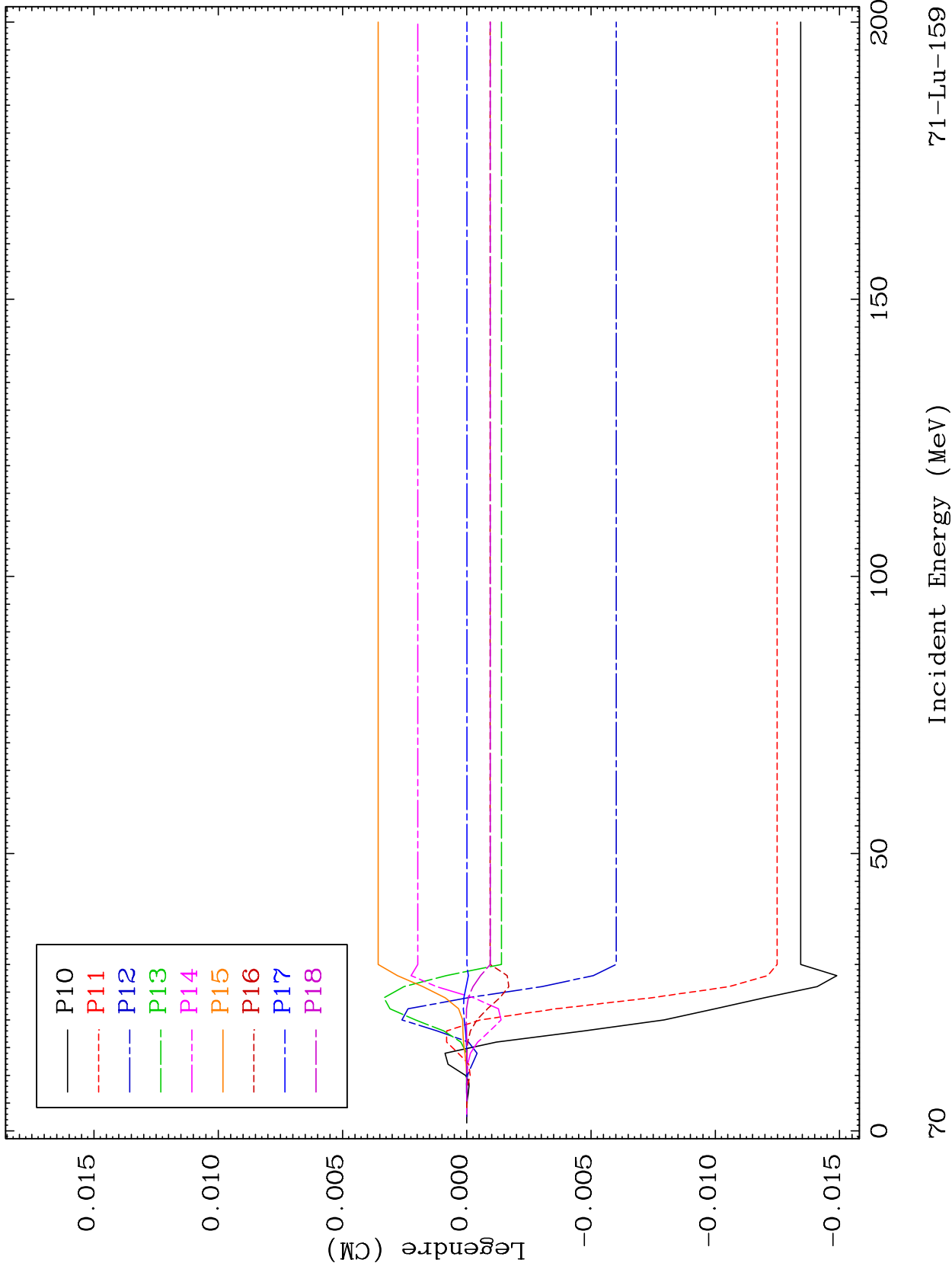
Incident Energy (MeV)

71-Lu-159

MAT 70777

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

71-Lu-159



71-Lu-159

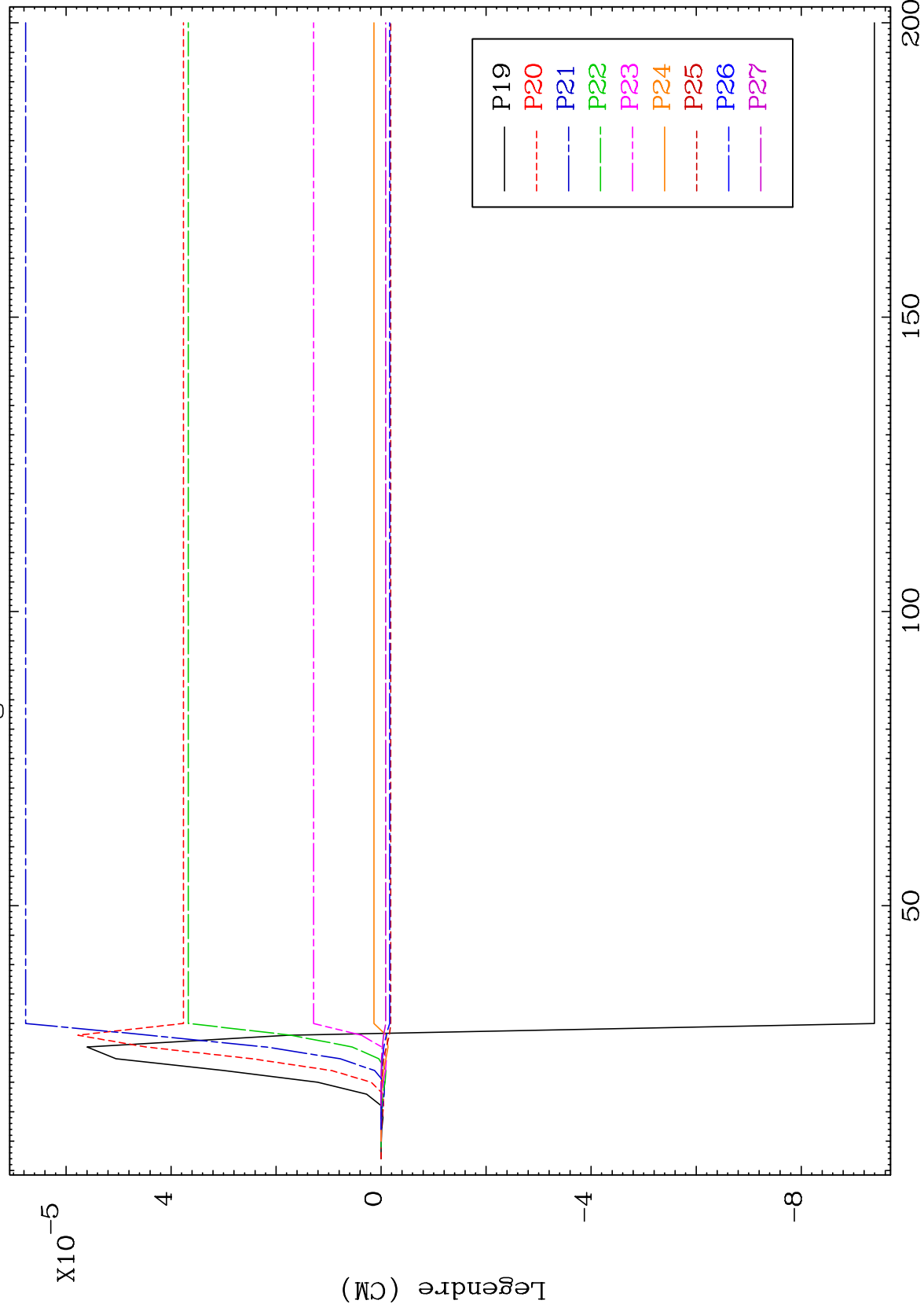
Incident Energy (MeV)

70

MAT 70777

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

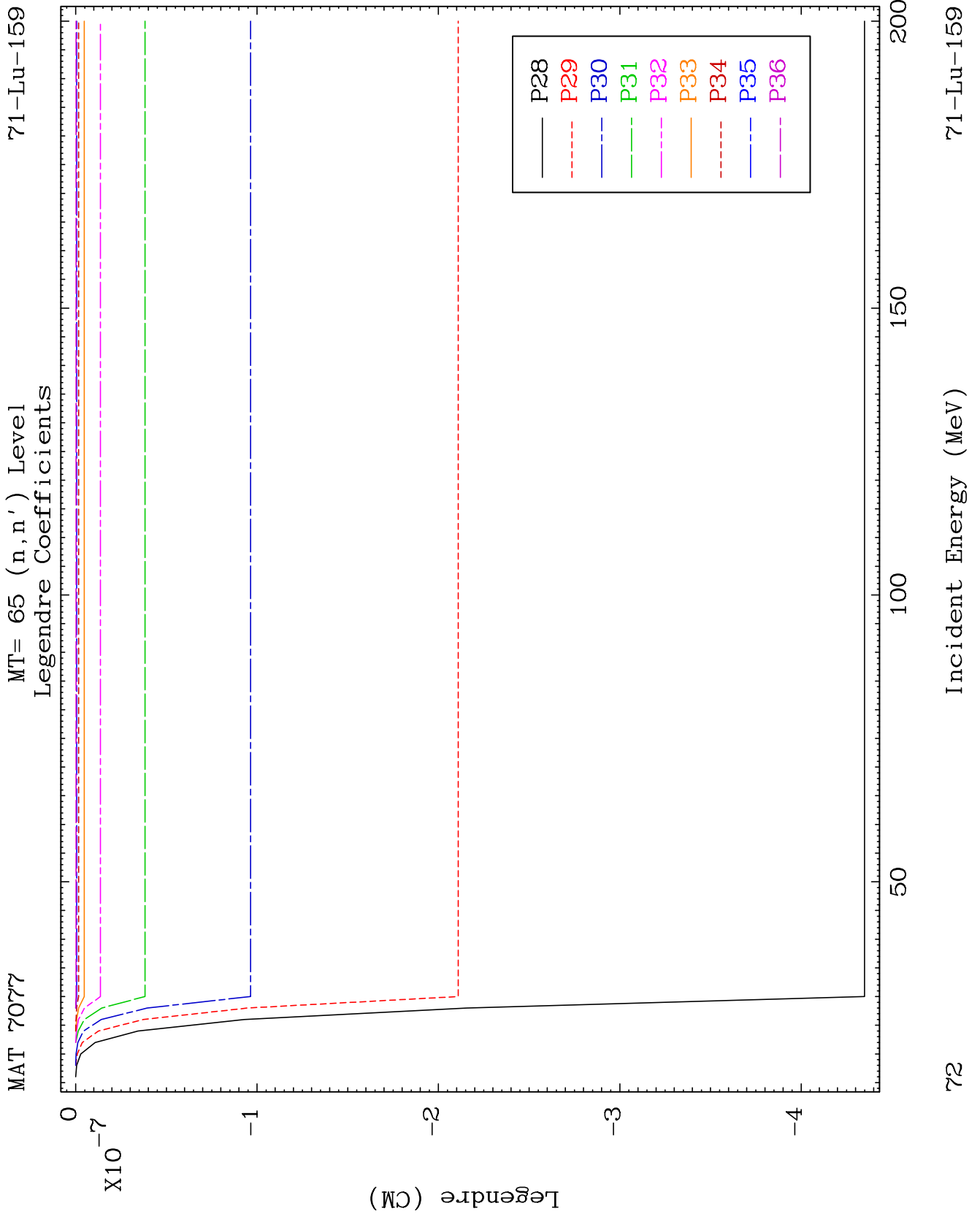
71-Lu-159



71

Incident Energy (MeV)

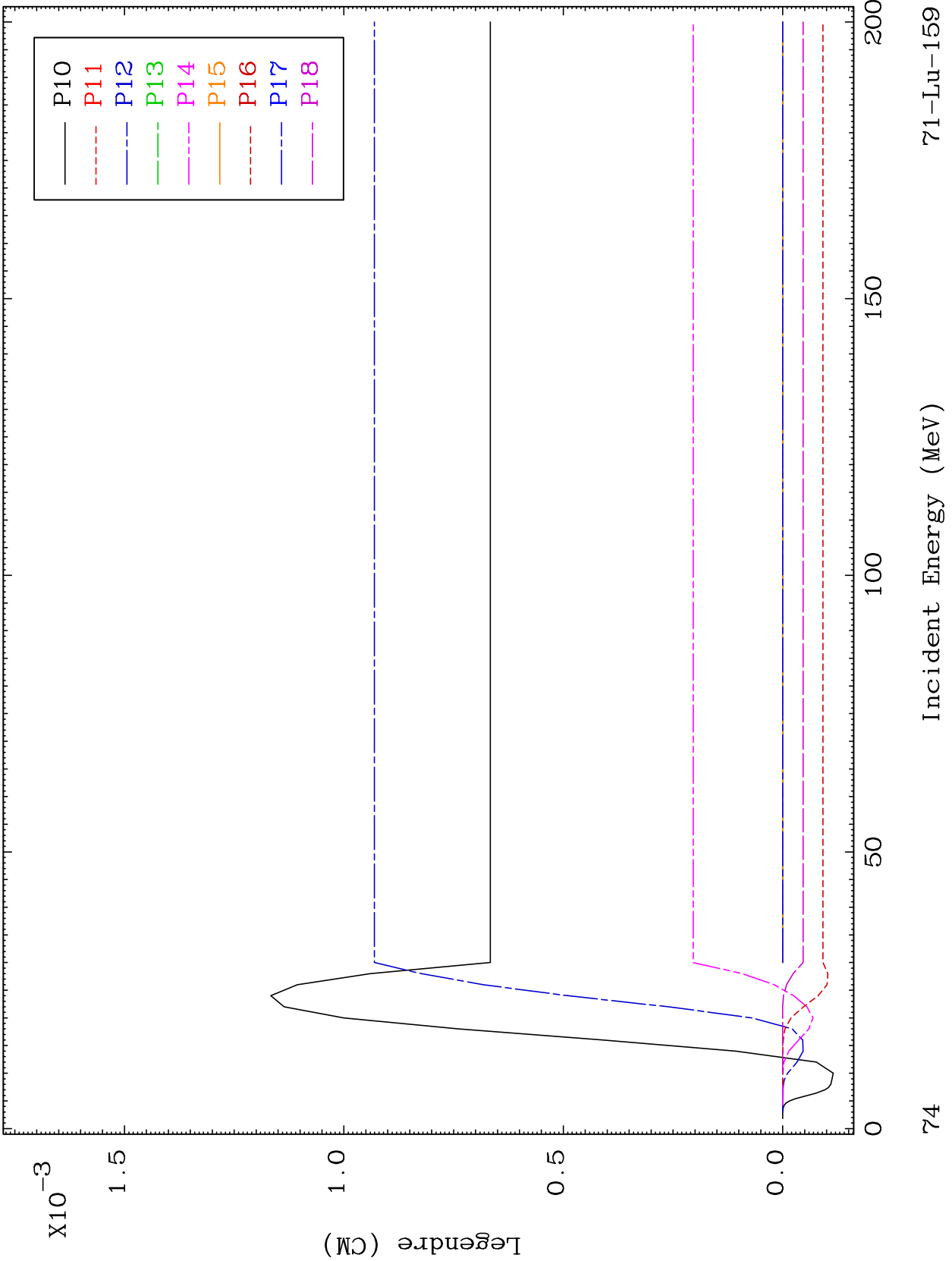
71-Lu-159

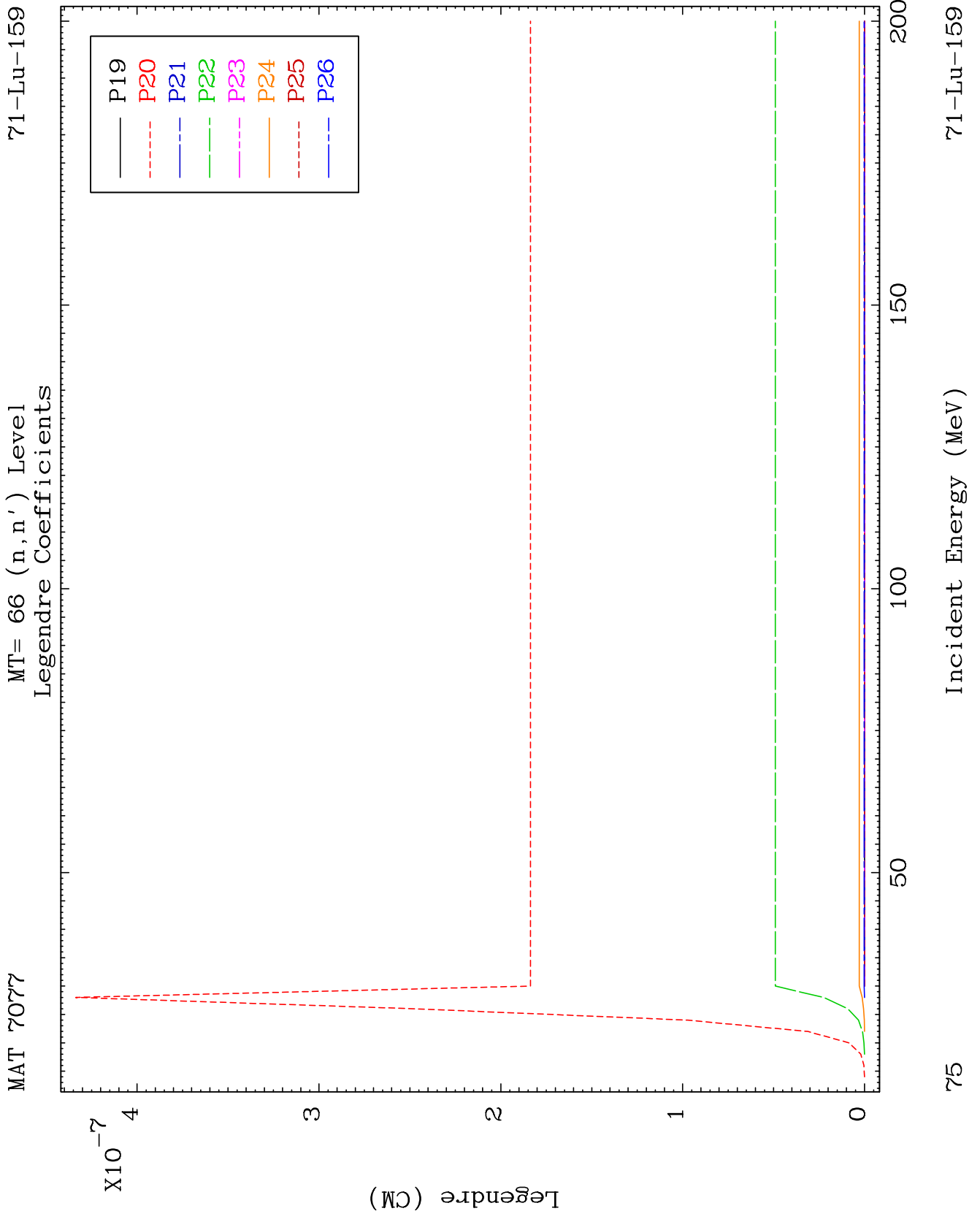


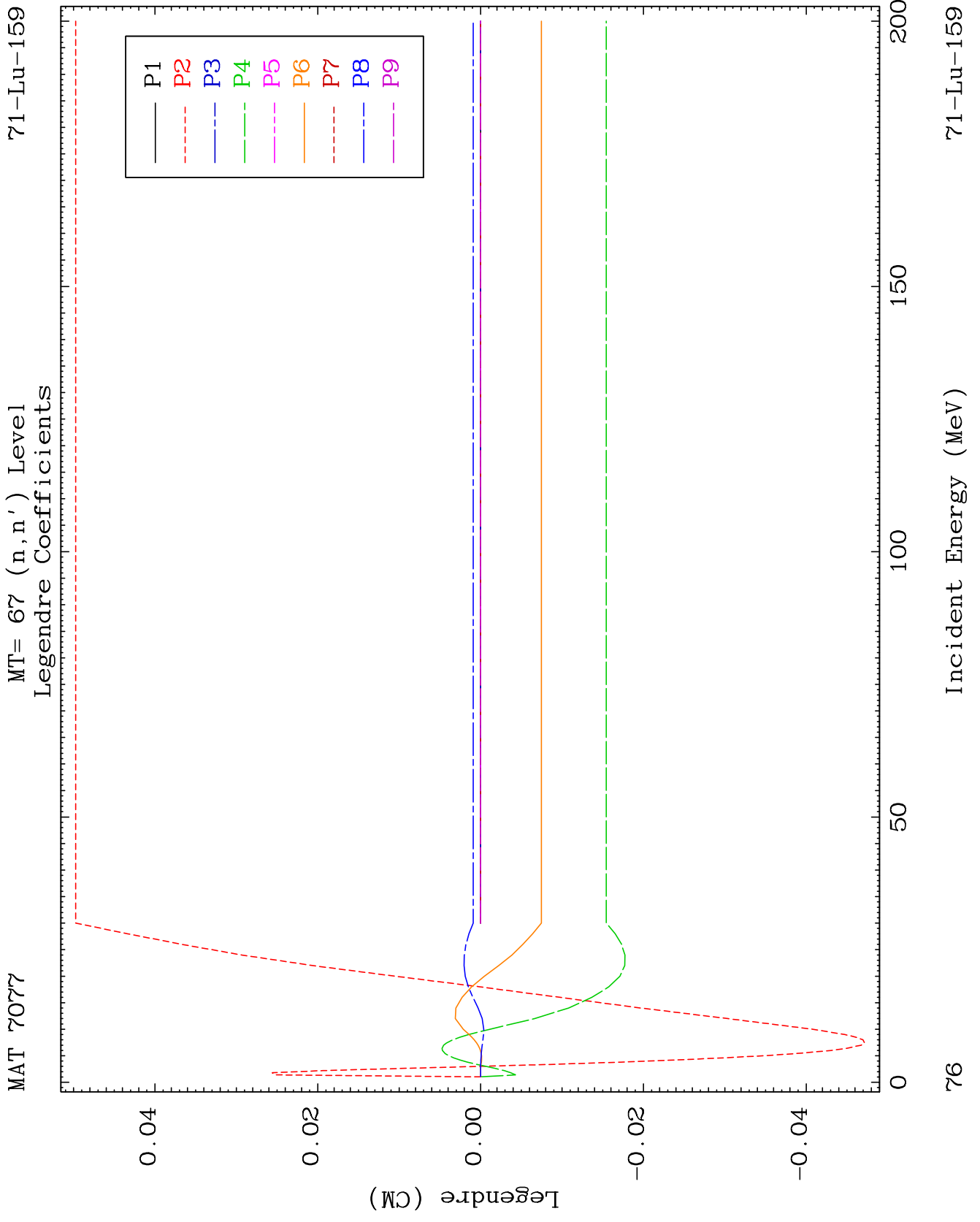
MAT 70777

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

71-Lu-159



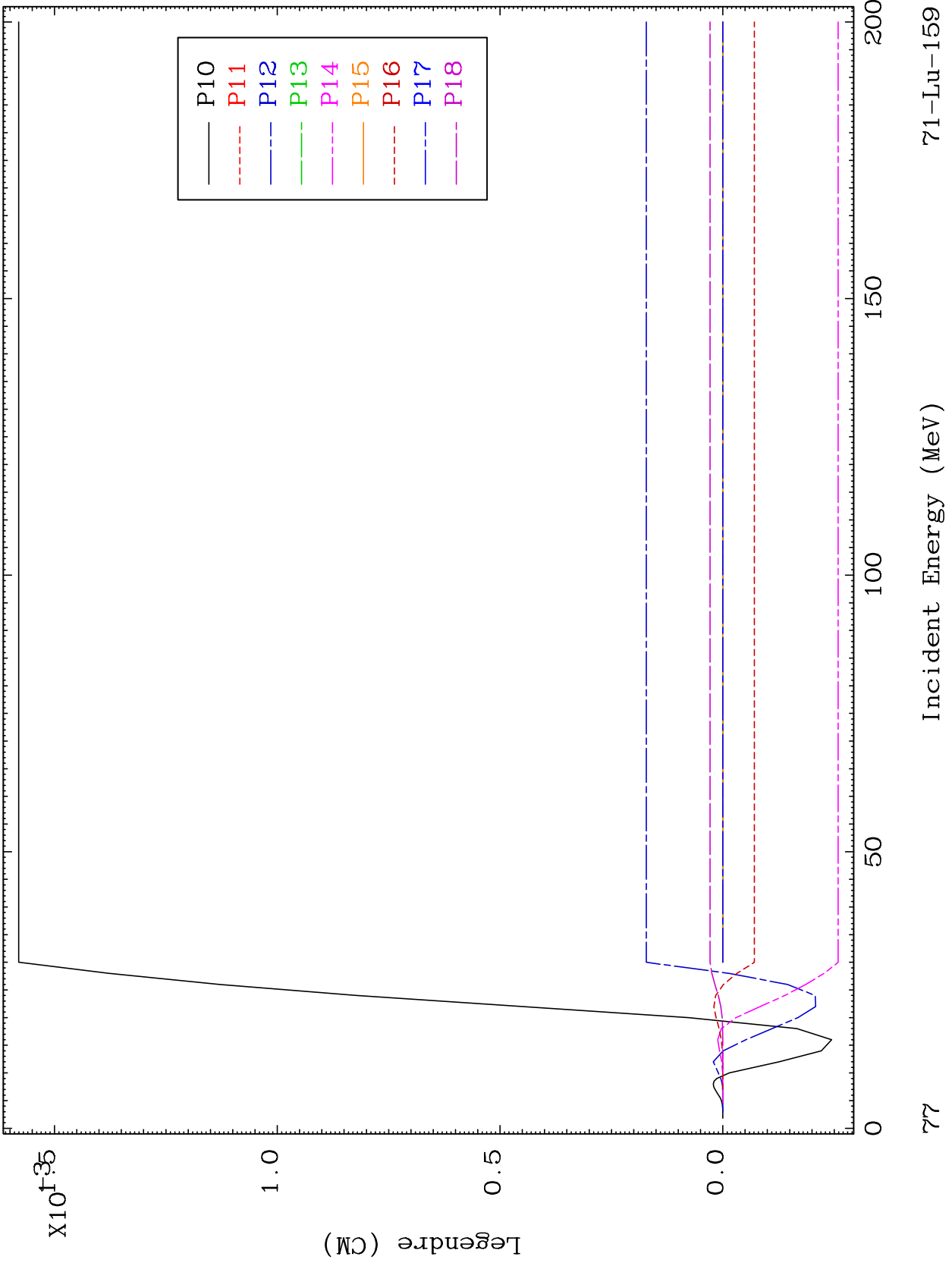




MAT 70777

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

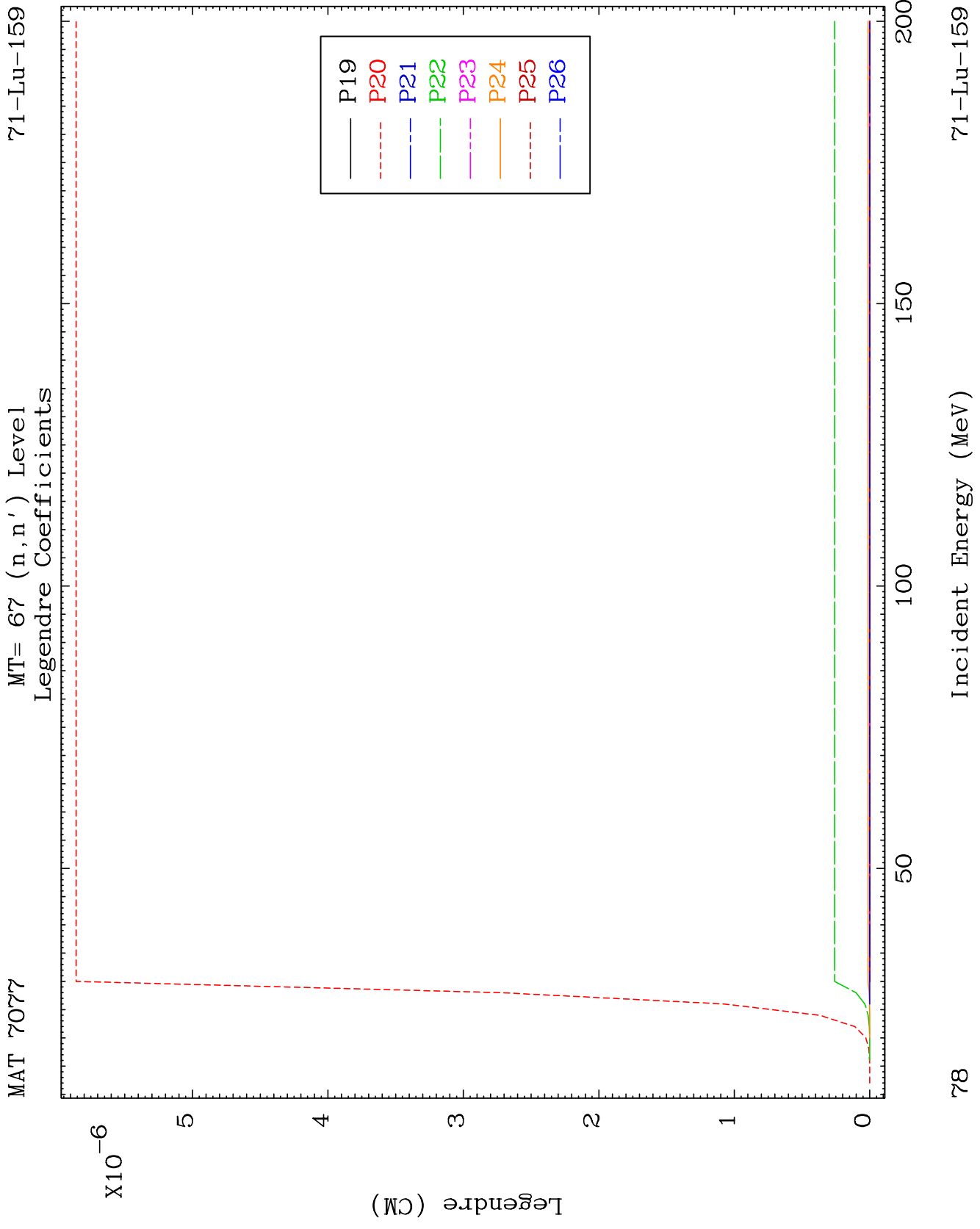
71-Lu-159



77

Incident Energy (MeV)

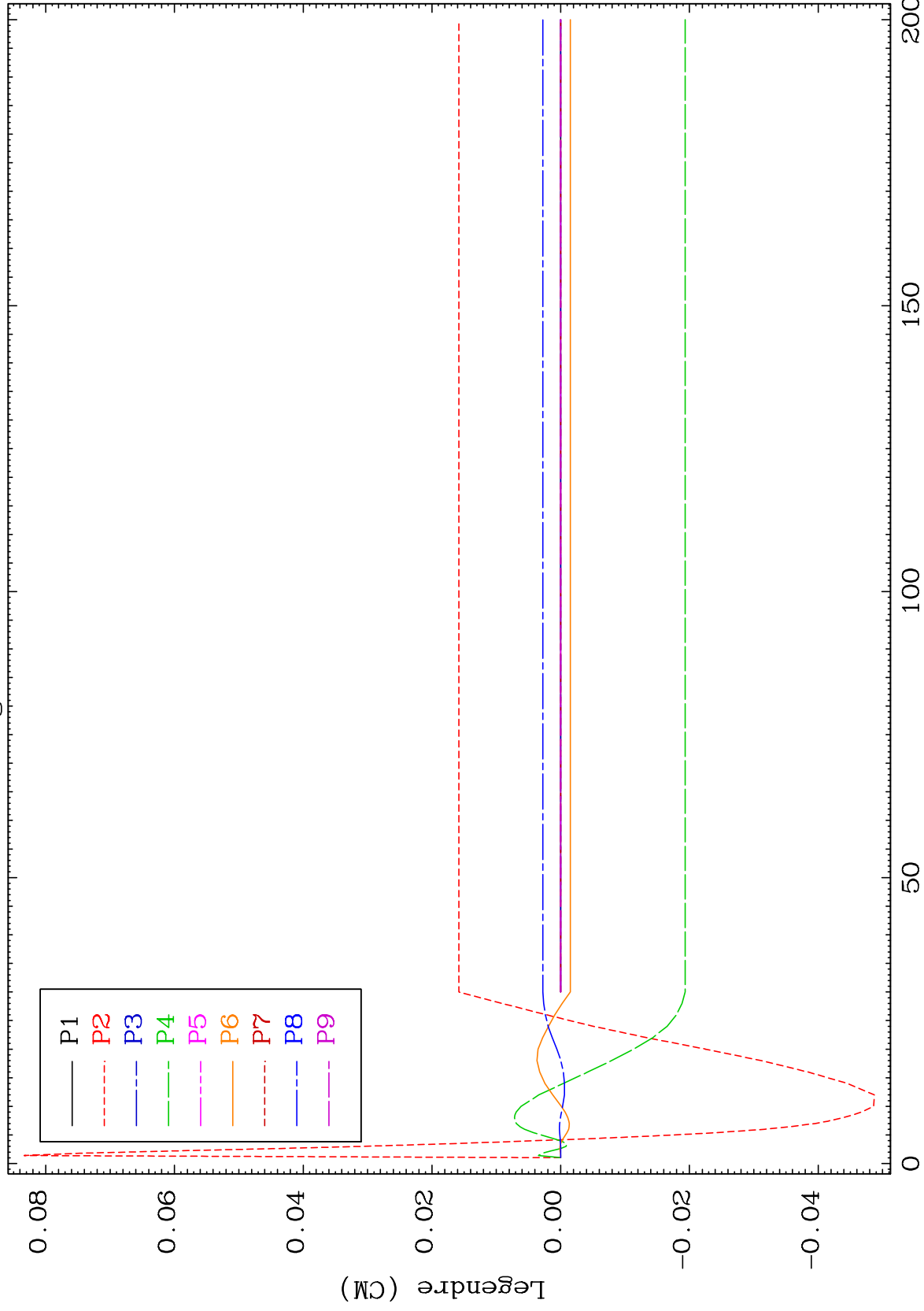
71-Lu-159



MAT 70777

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

71-Lu-159



79

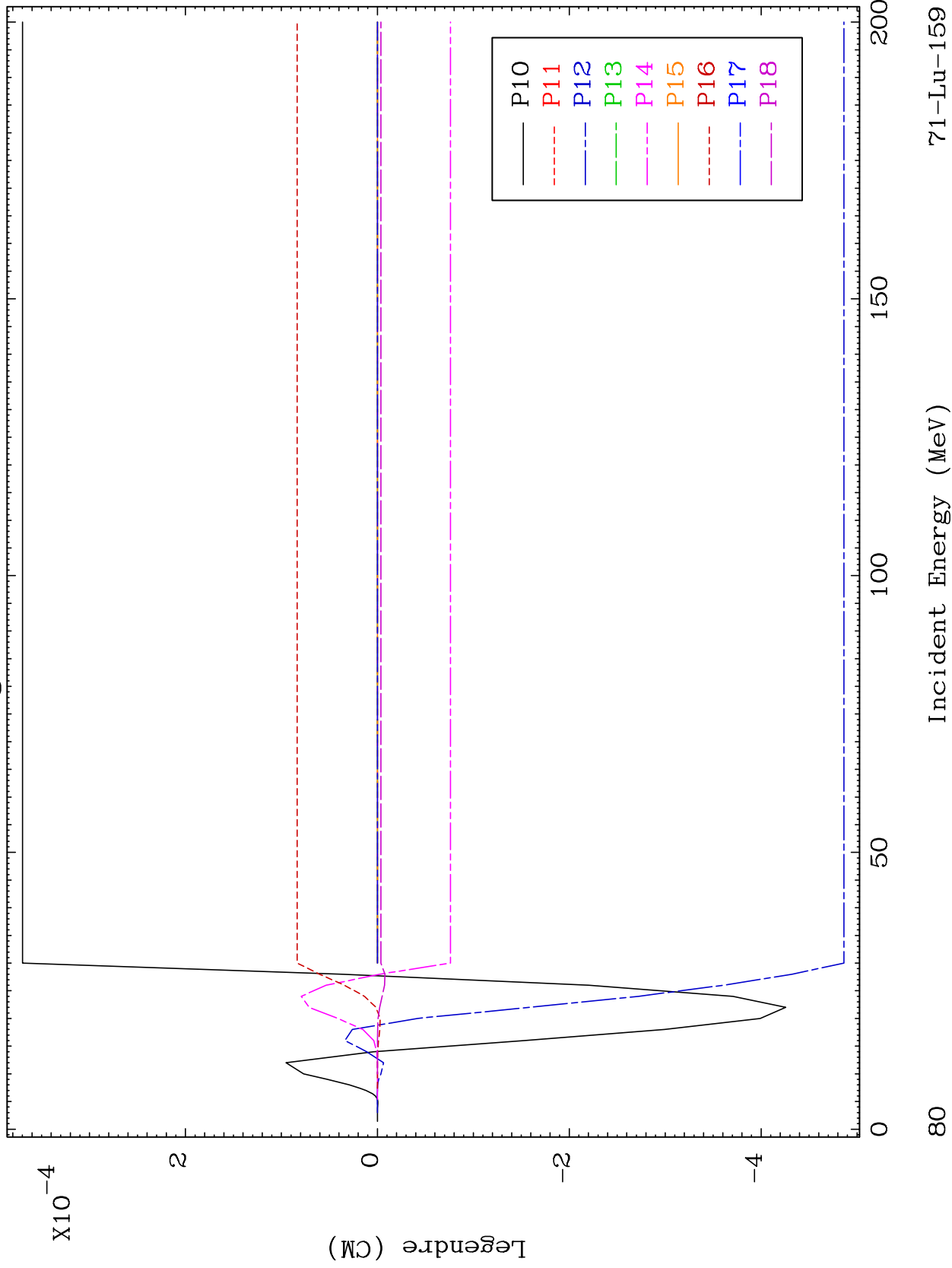
Incident Energy (MeV)

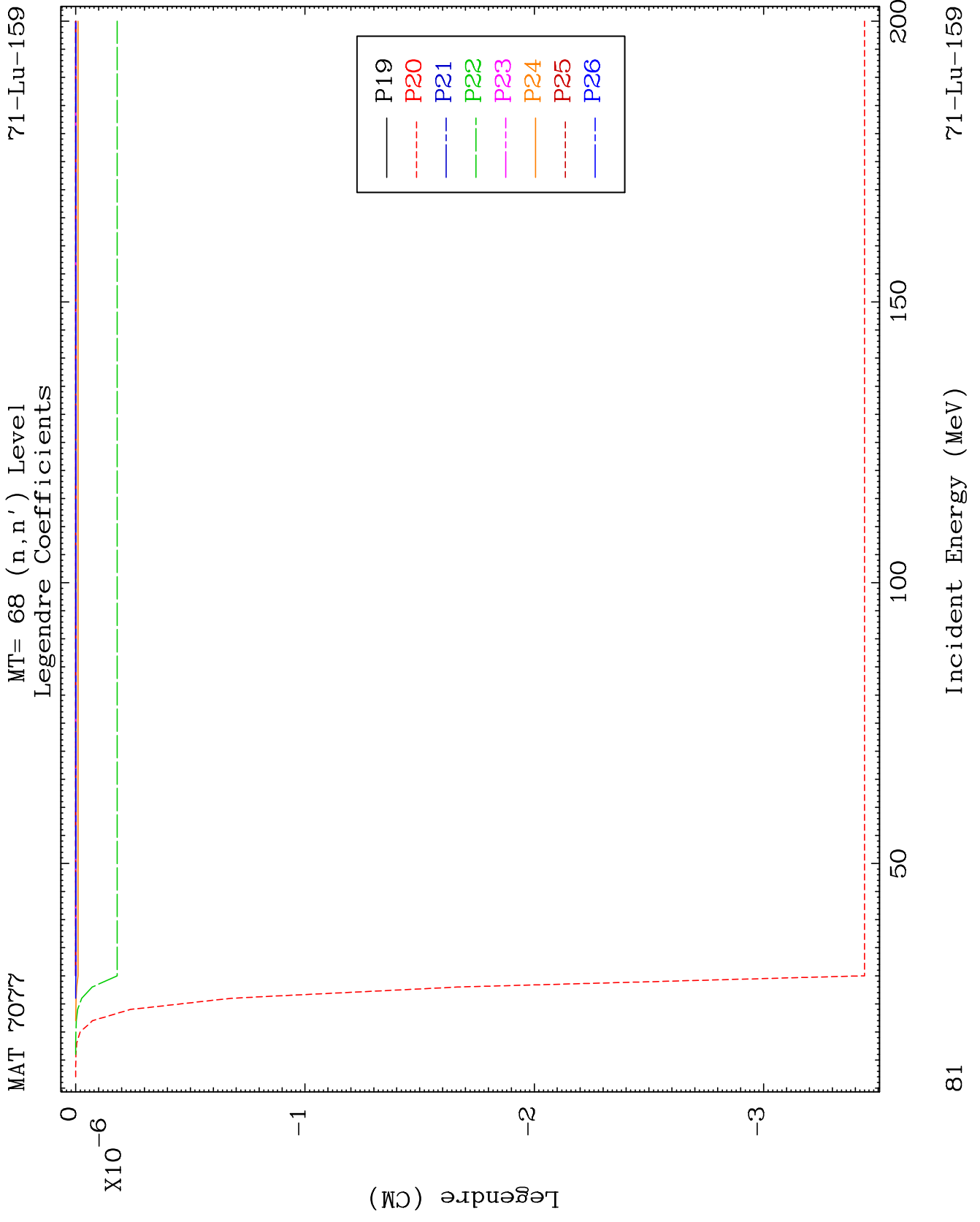
71-Lu-159

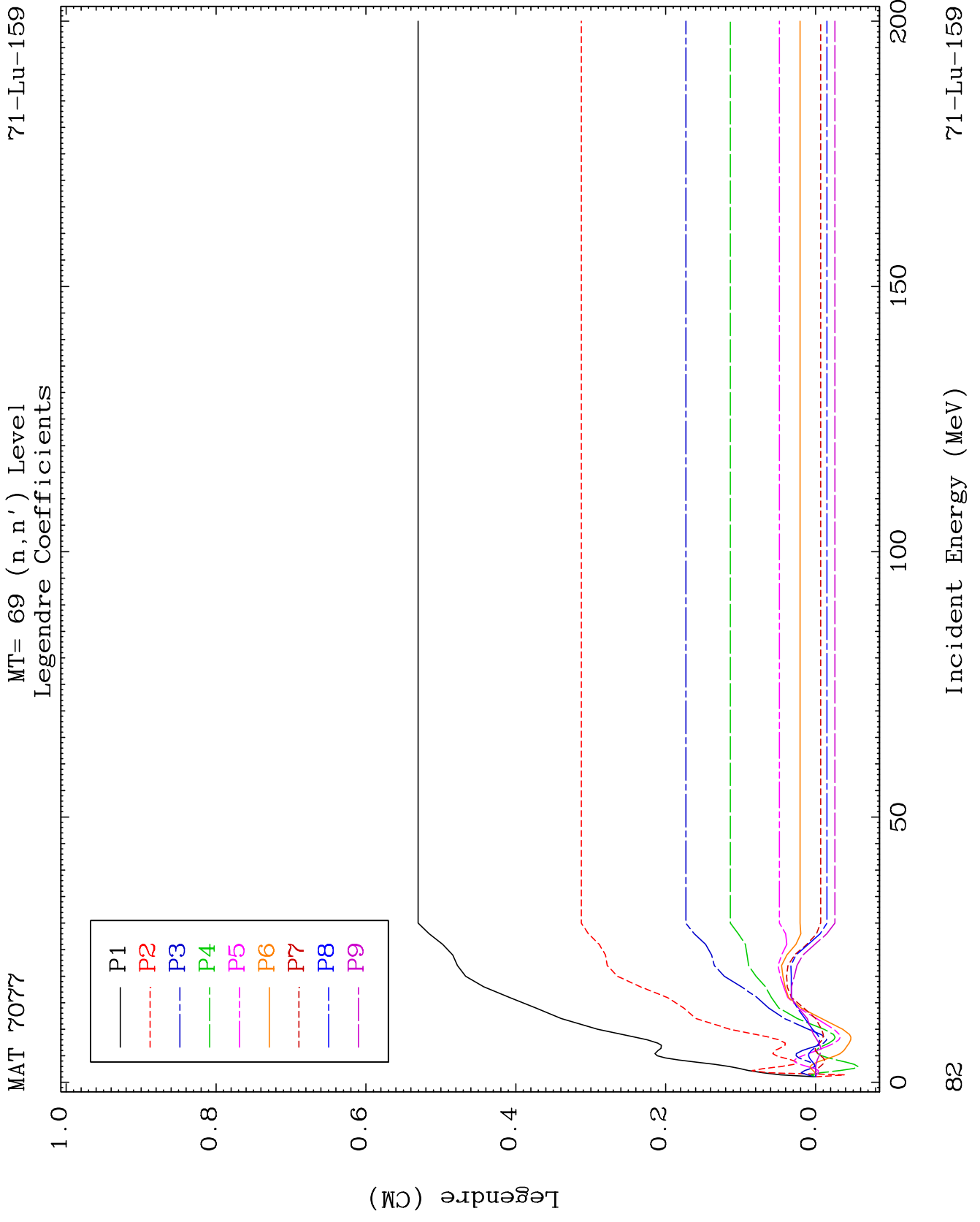
MAT 70777

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

71-Lu-159



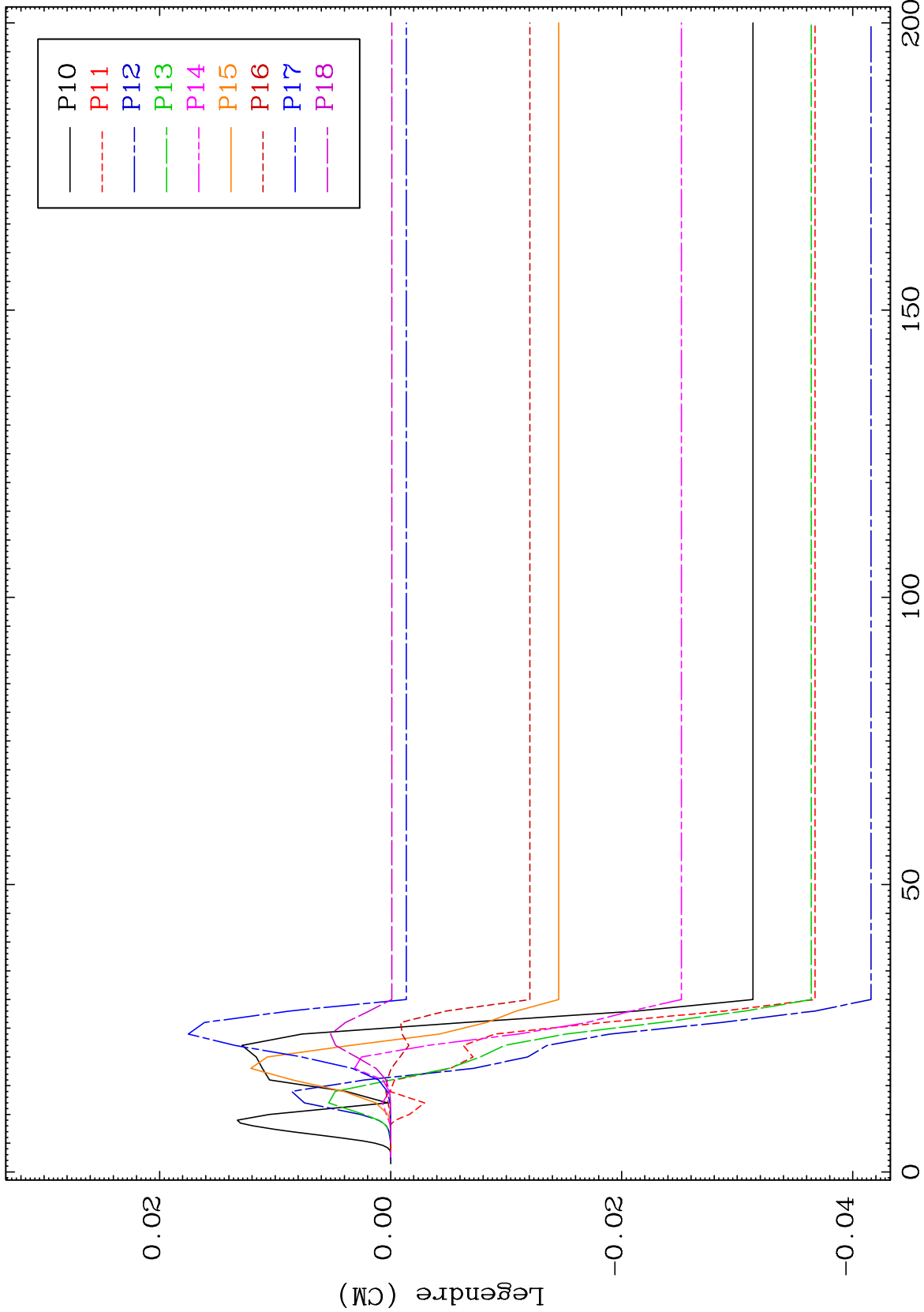




MAT 70777

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

71-Lu-159



83

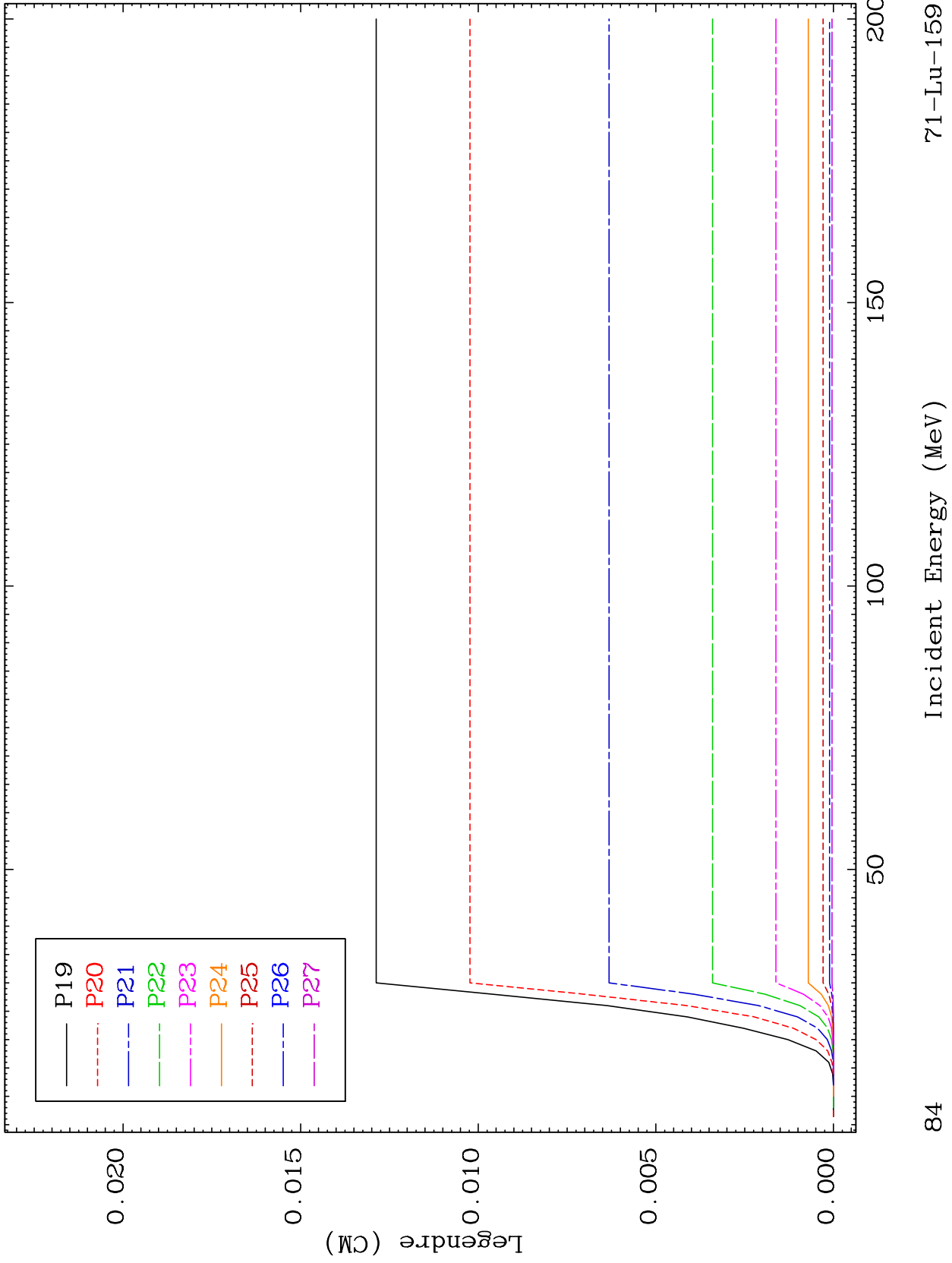
Incident Energy (MeV)

71-Lu-159

MAT 7077

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

71-Lu-159



84

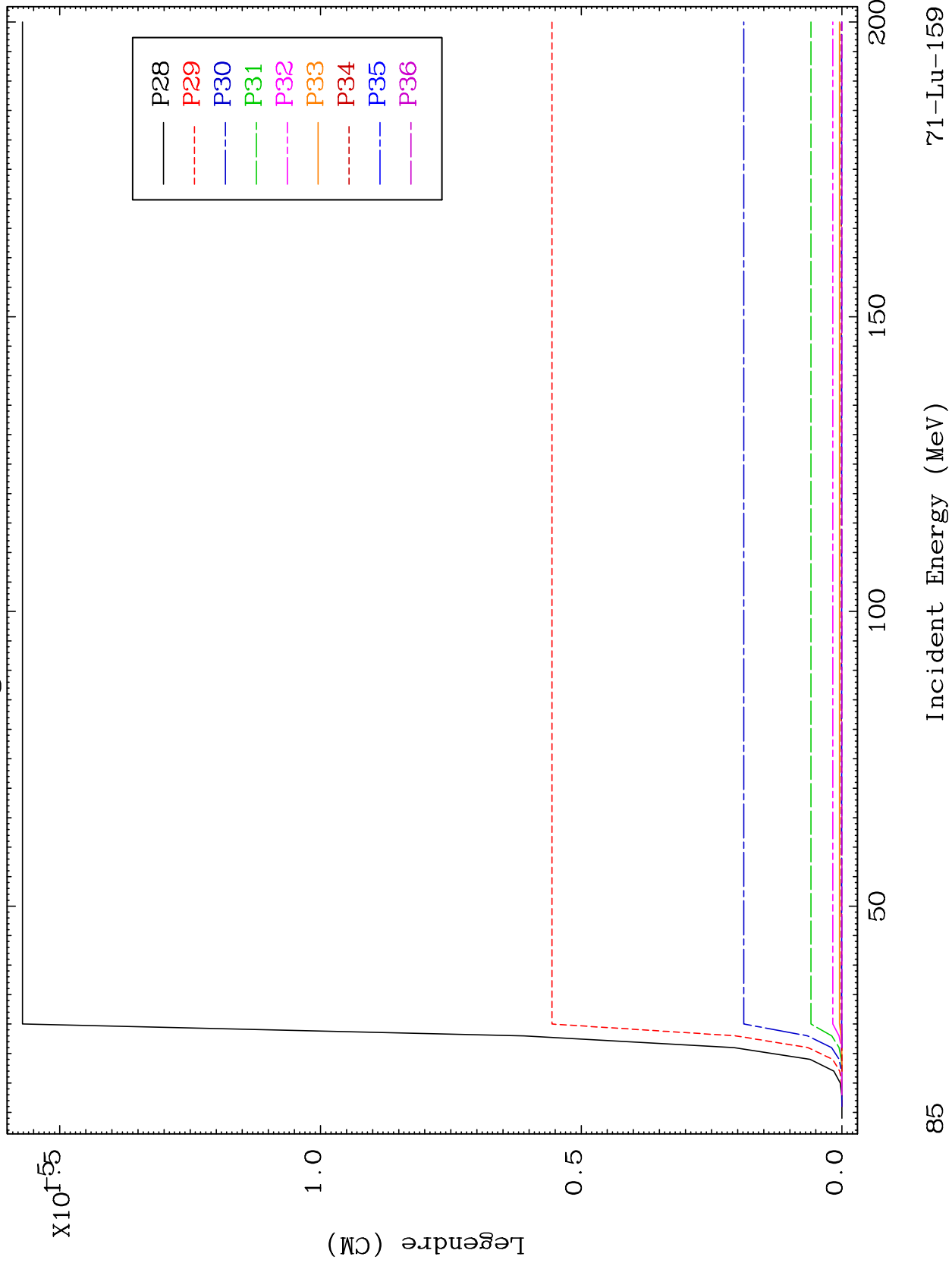
Incident Energy (MeV)

71-Lu-159

MAT 7077

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

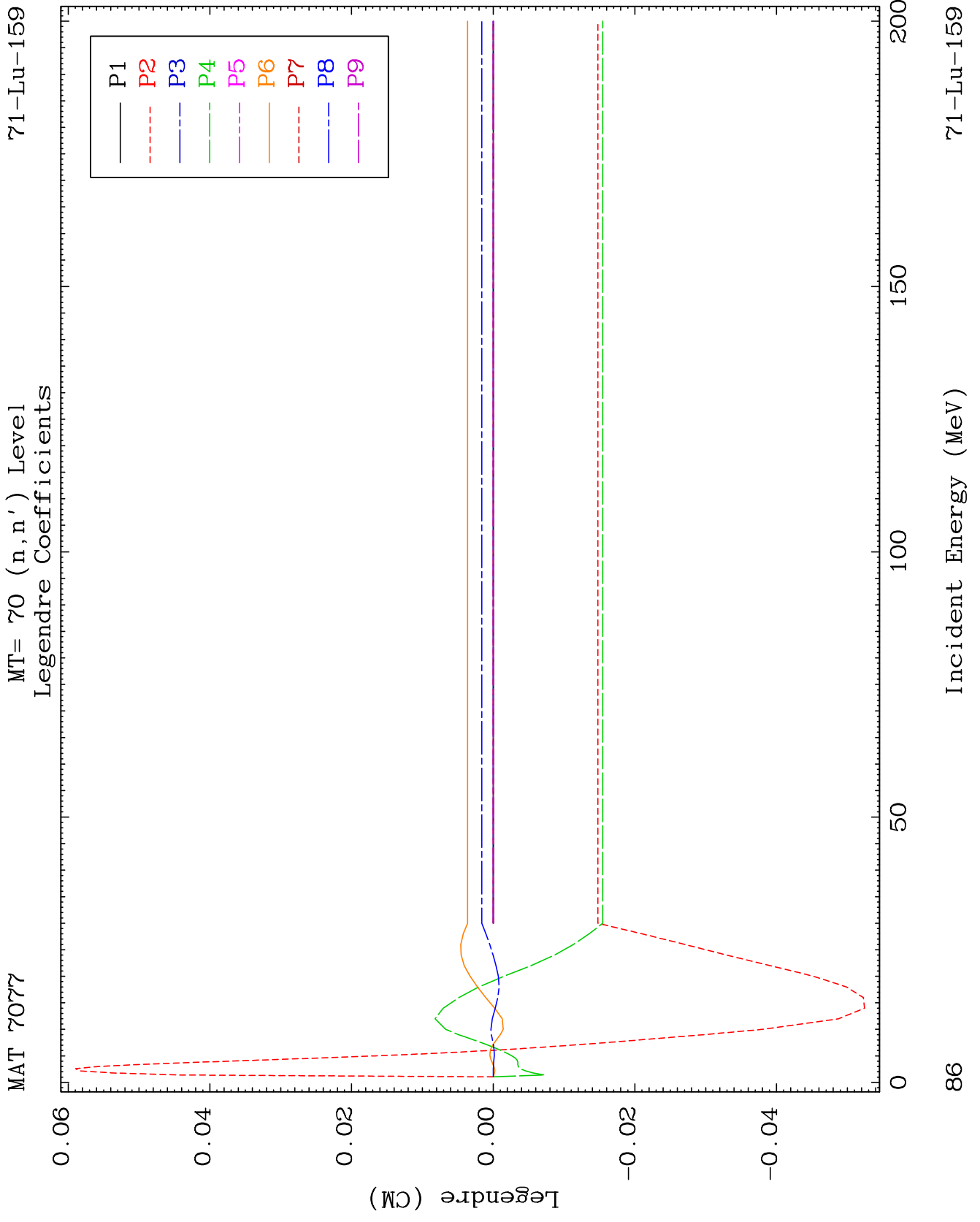
71-Lu-159



85

Incident Energy (MeV)

71-Lu-159



71-Lu-159

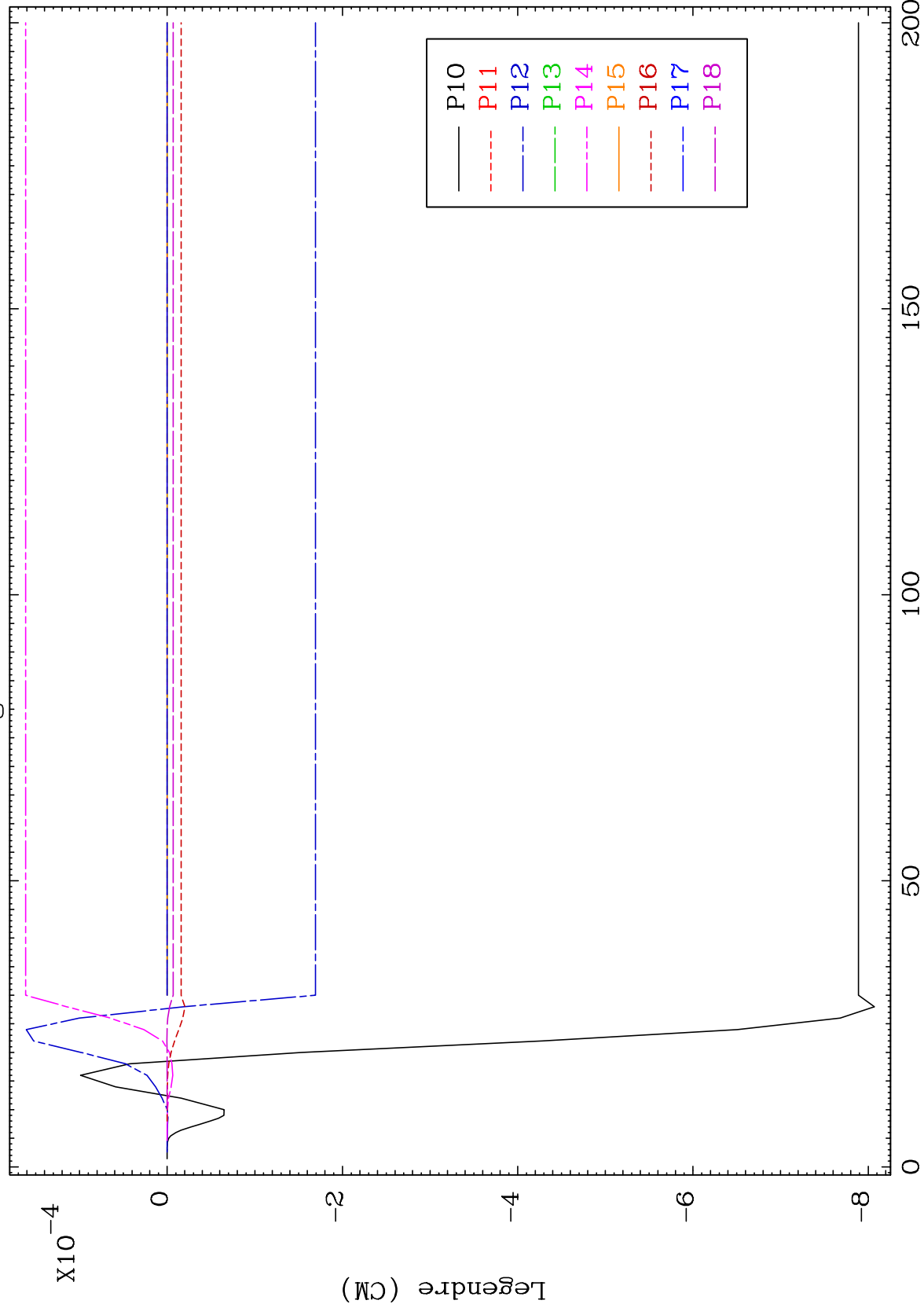
Incident Energy (MeV)

86

MAT 70777

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

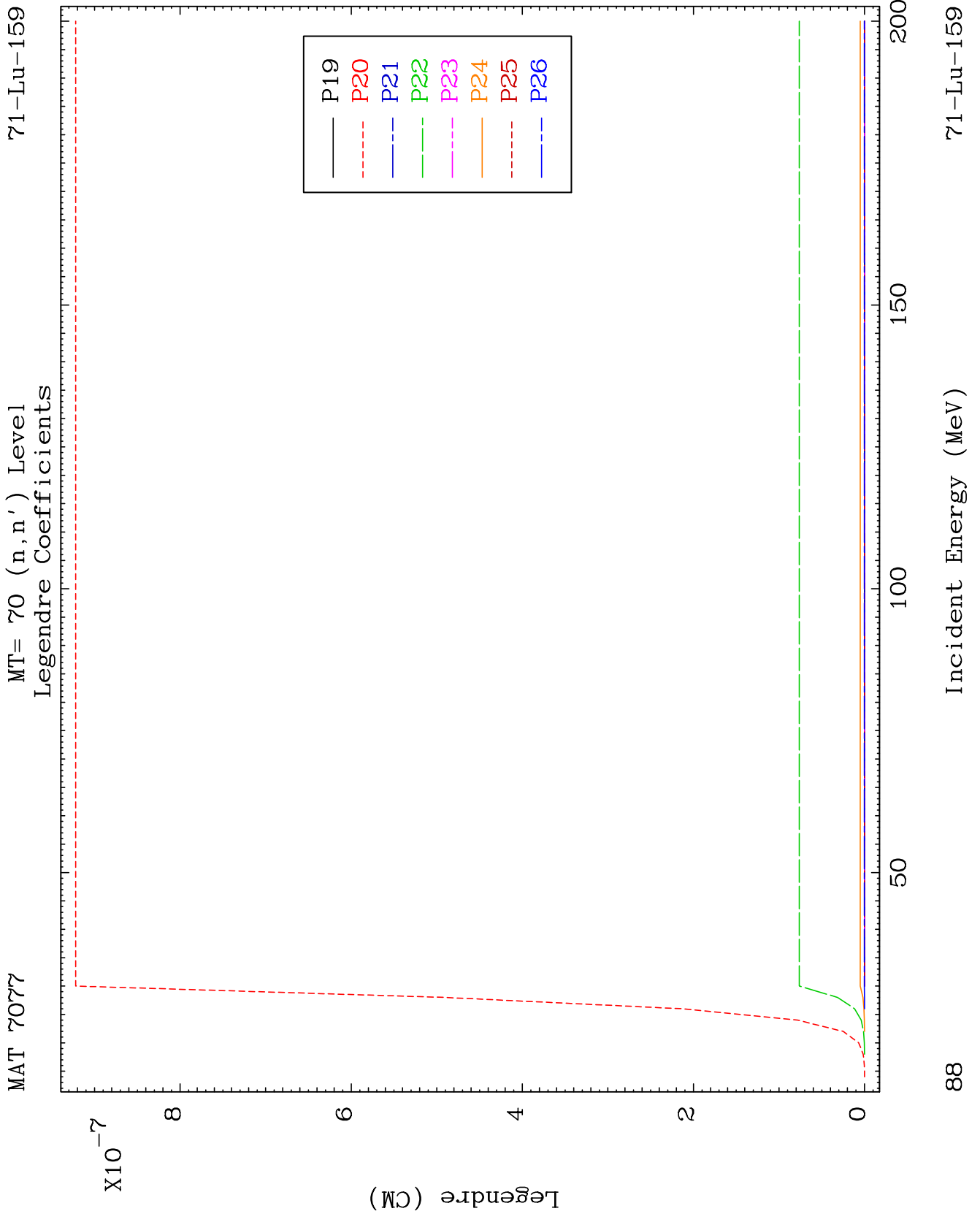
71-Lu-159



87

Incident Energy (MeV)

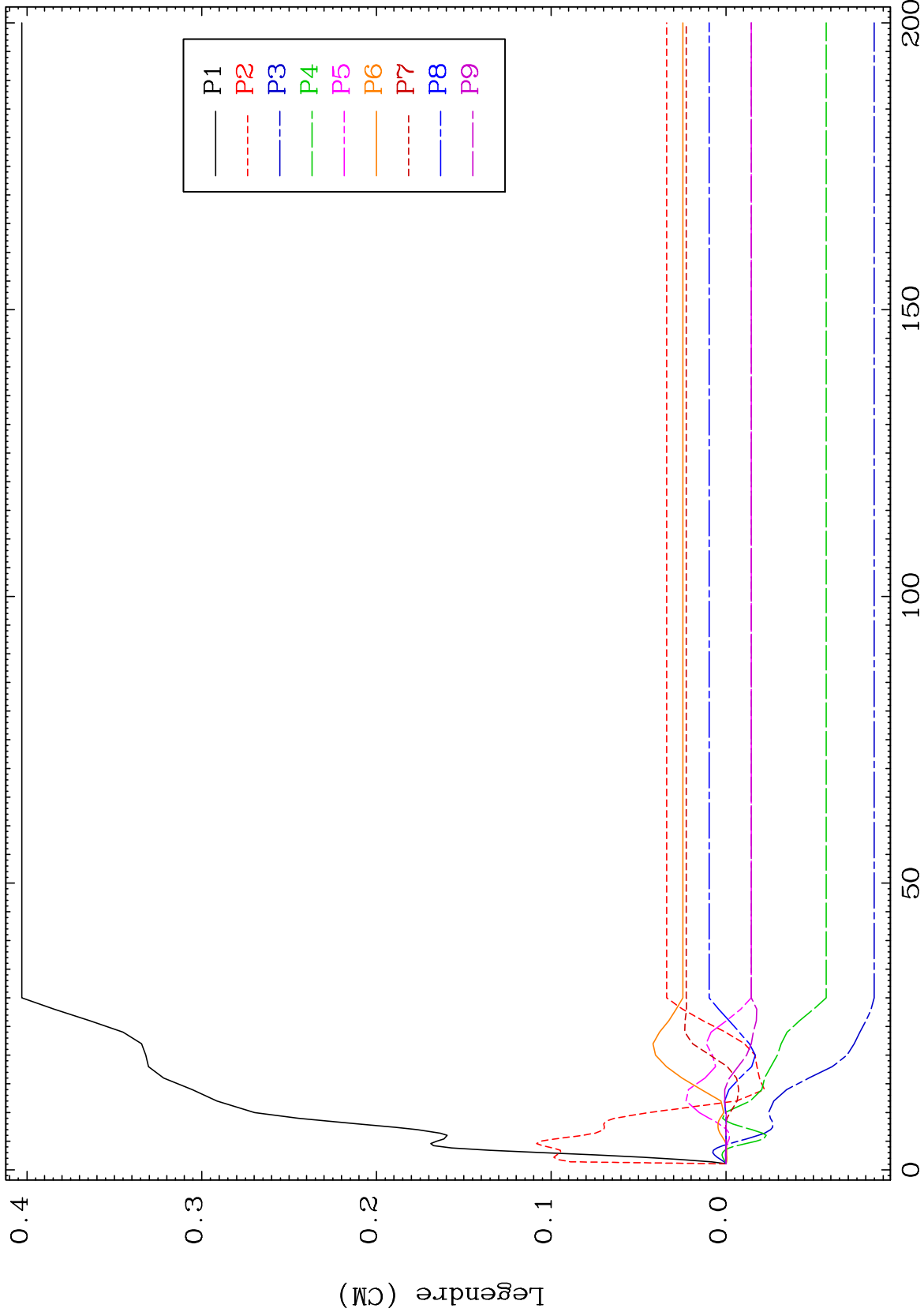
71-Lu-159



MAT 70777

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

71-Lu-159



89

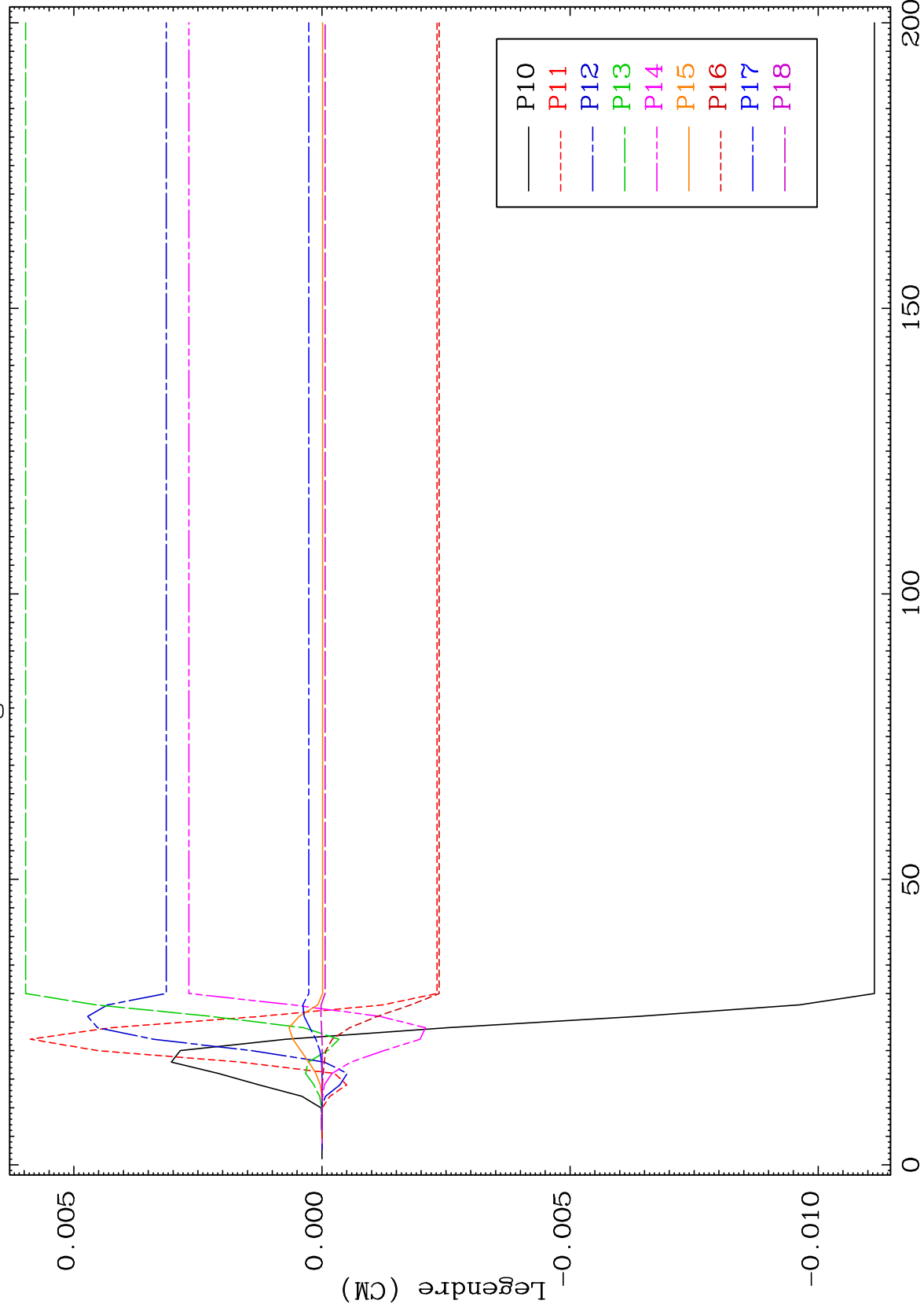
Incident Energy (MeV)

71-Lu-159

MAT 70777

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

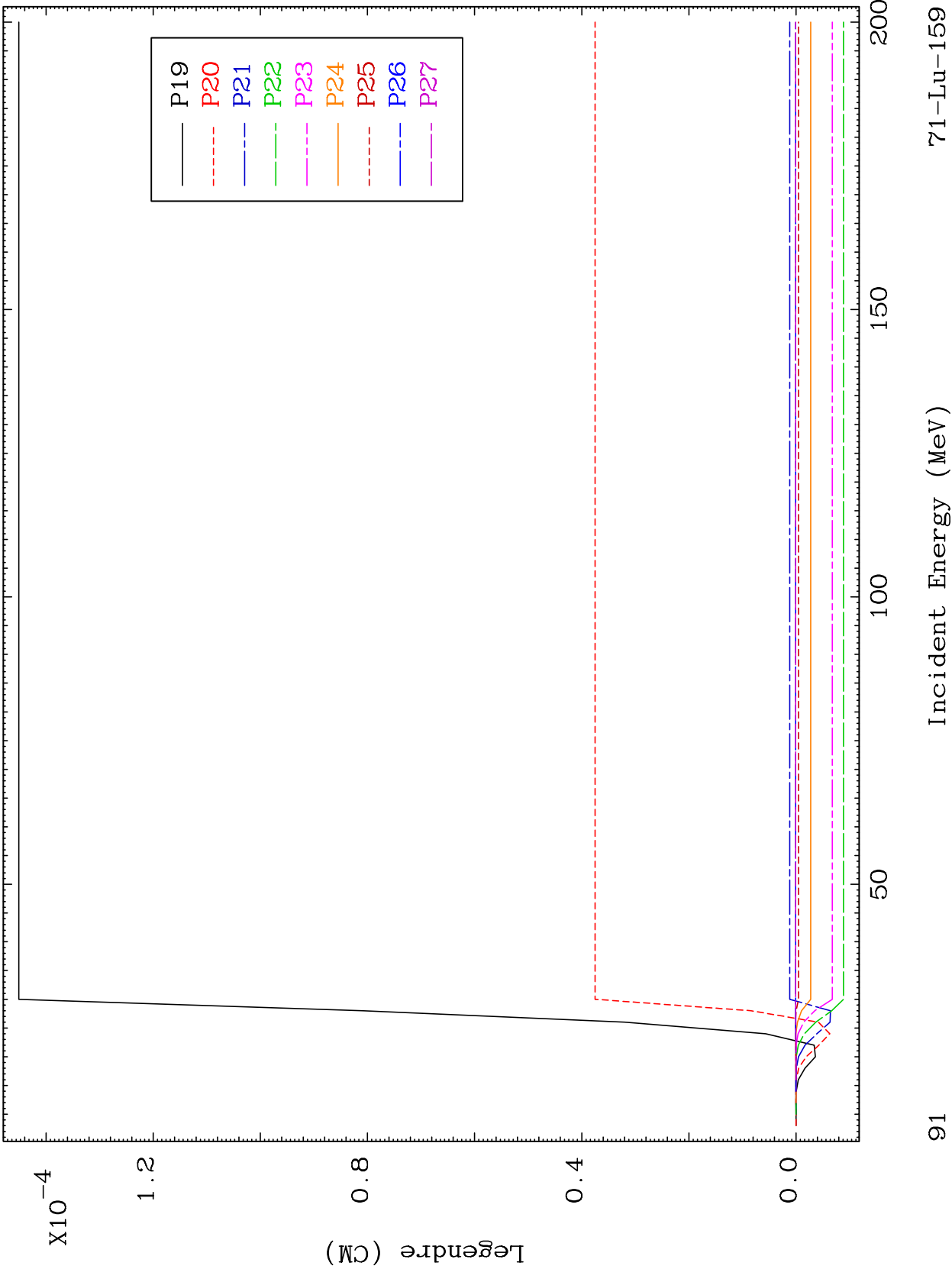
71-Lu-159



90

Incident Energy (MeV)

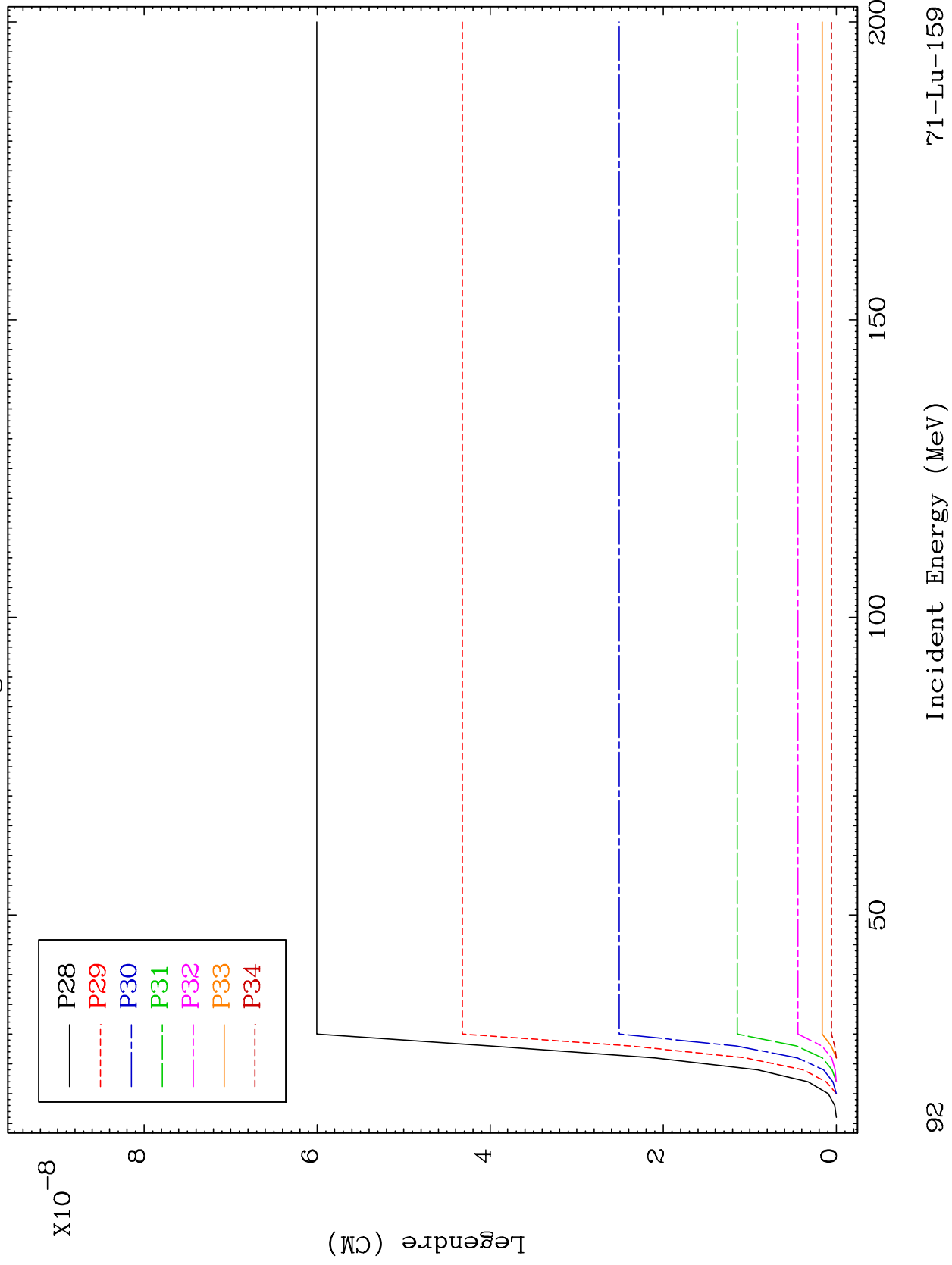
71-Lu-159

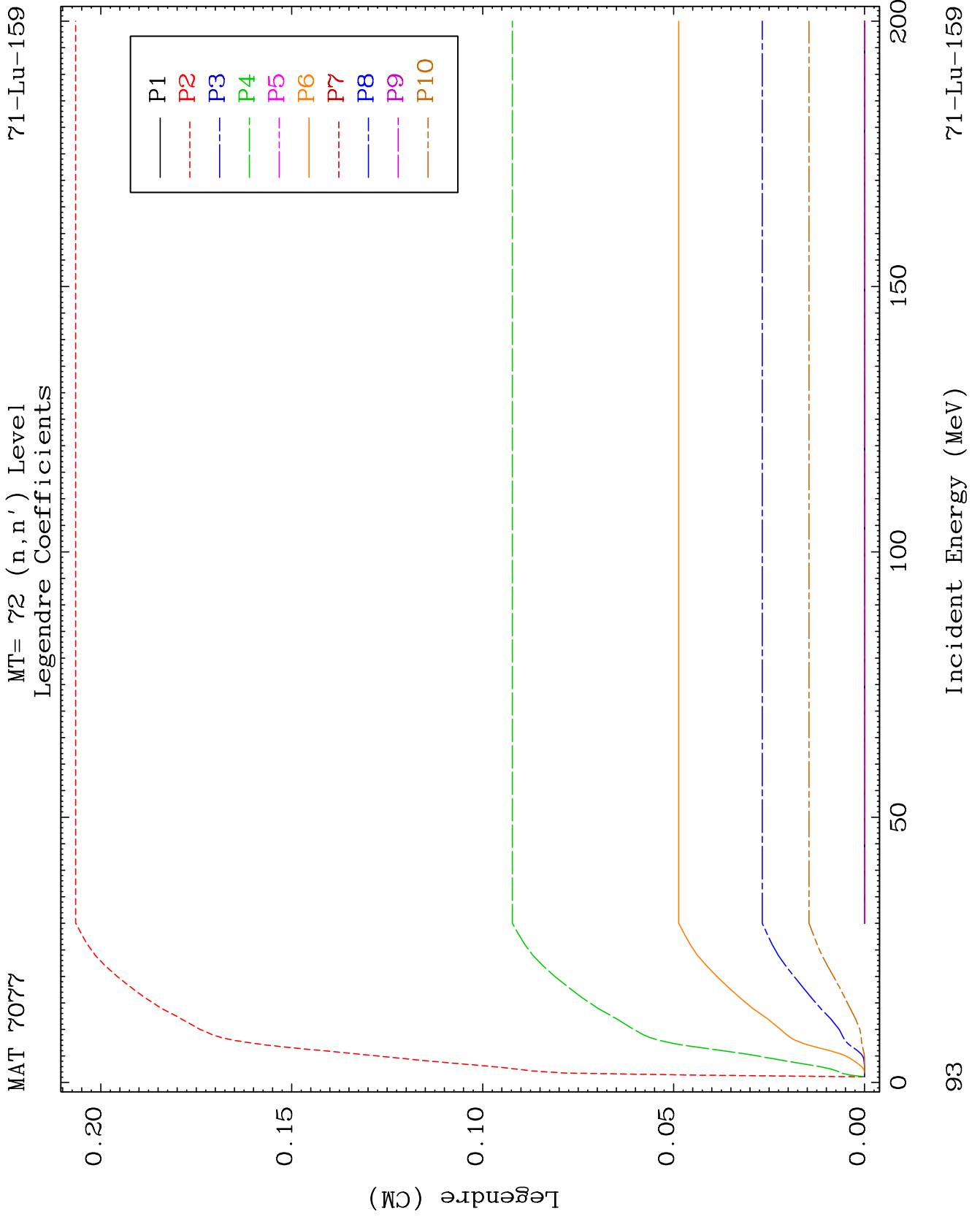


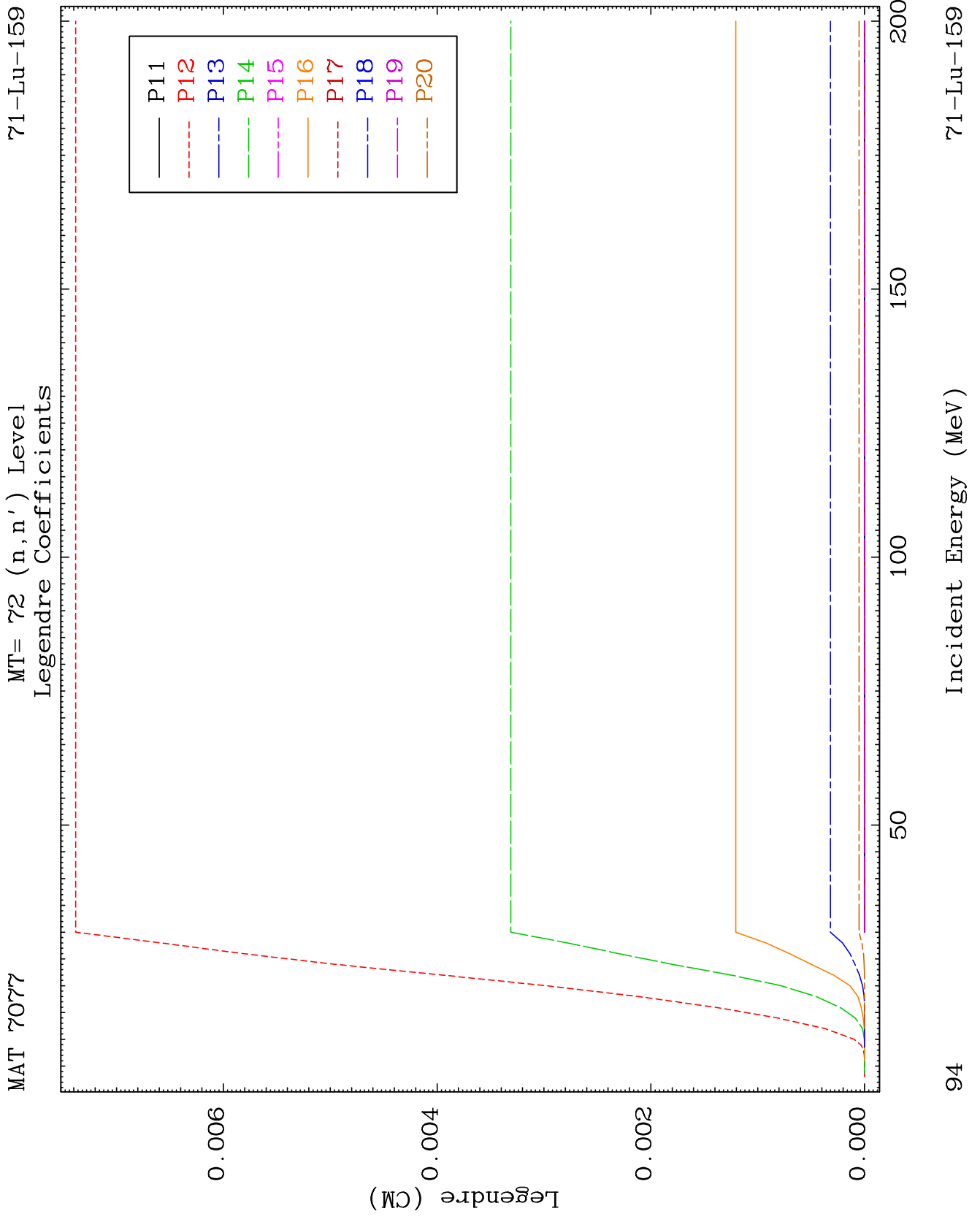
MAT 7077

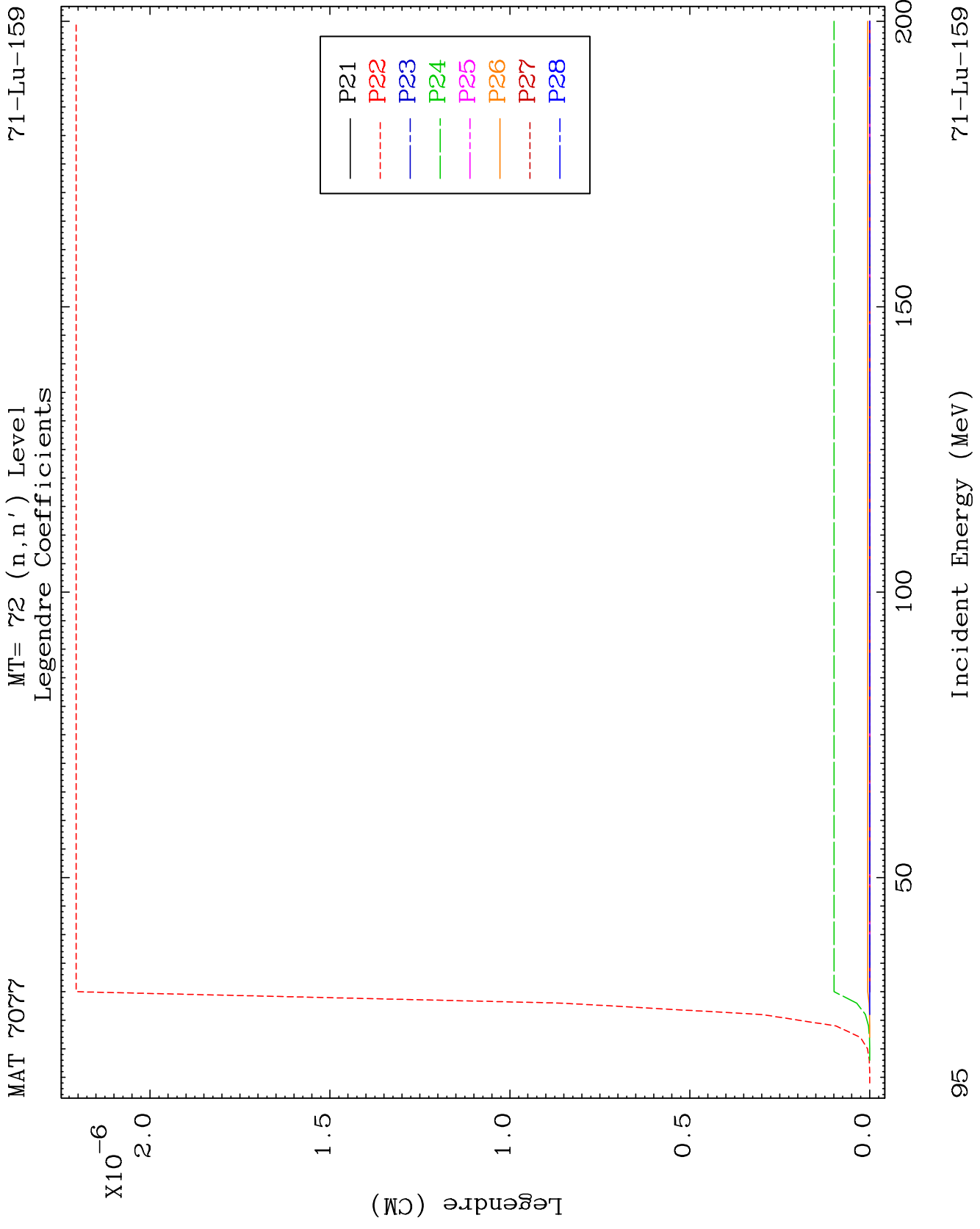
MT= 71 (n,n') Level
Legendre Coefficients

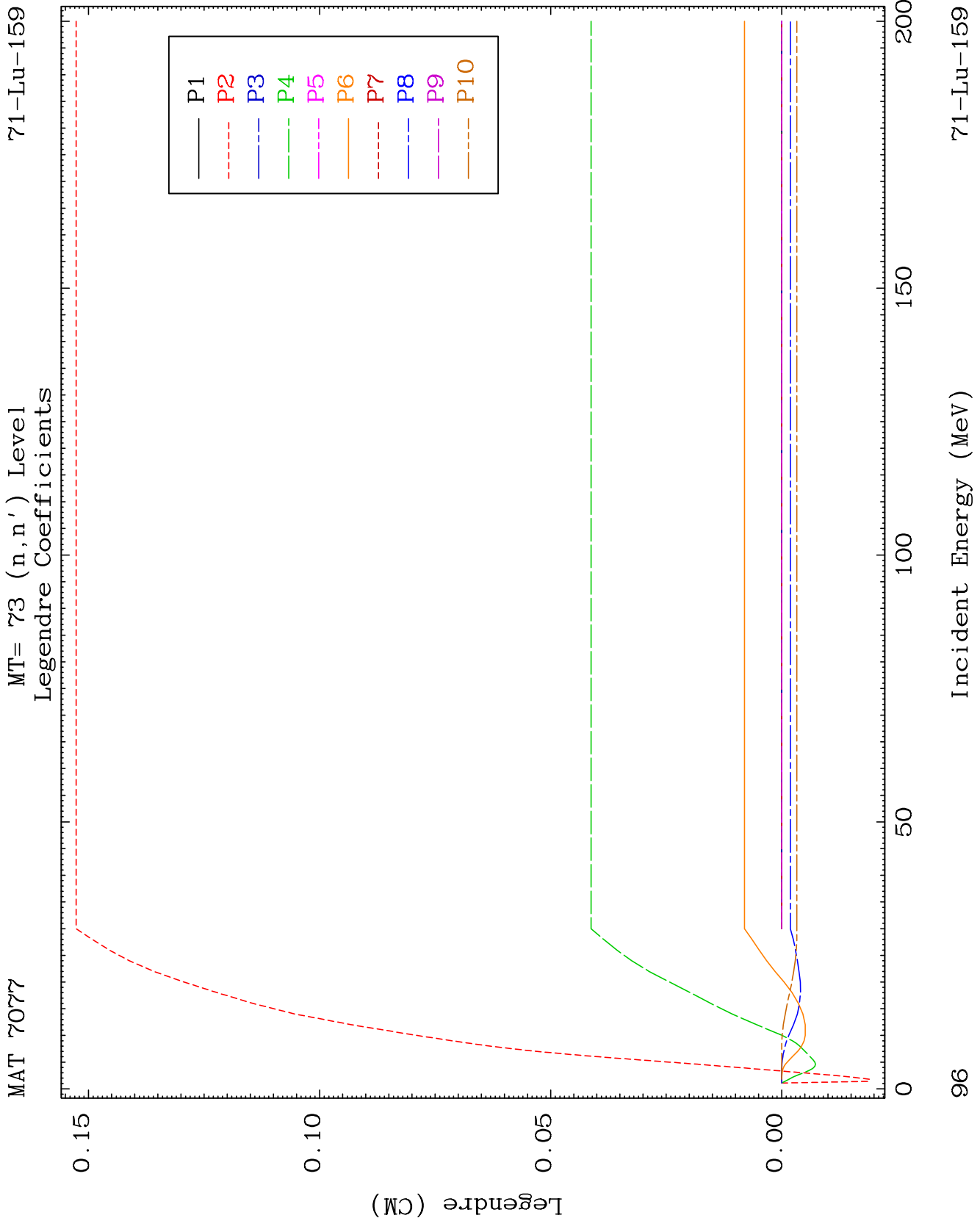
71-Lu-159







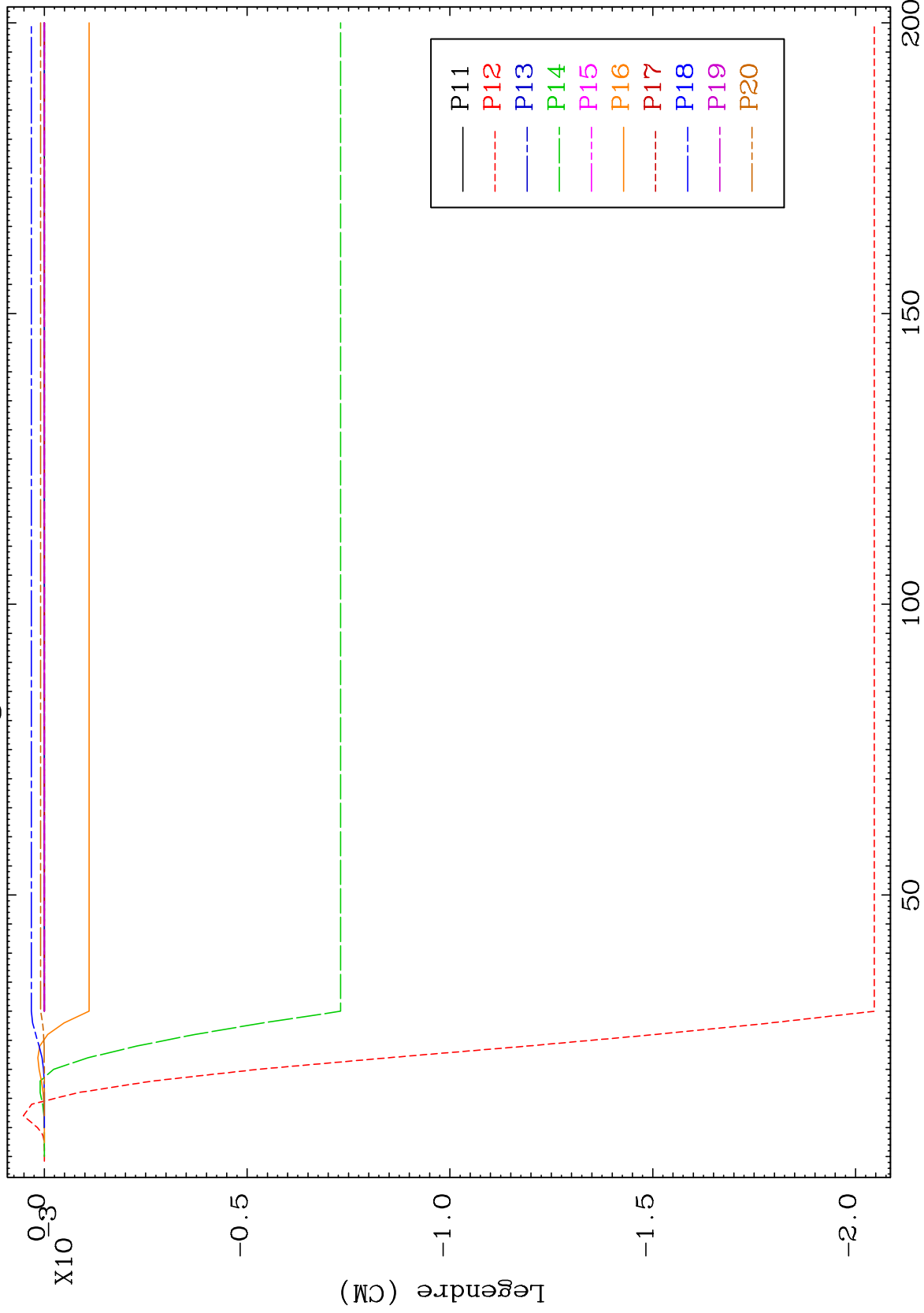


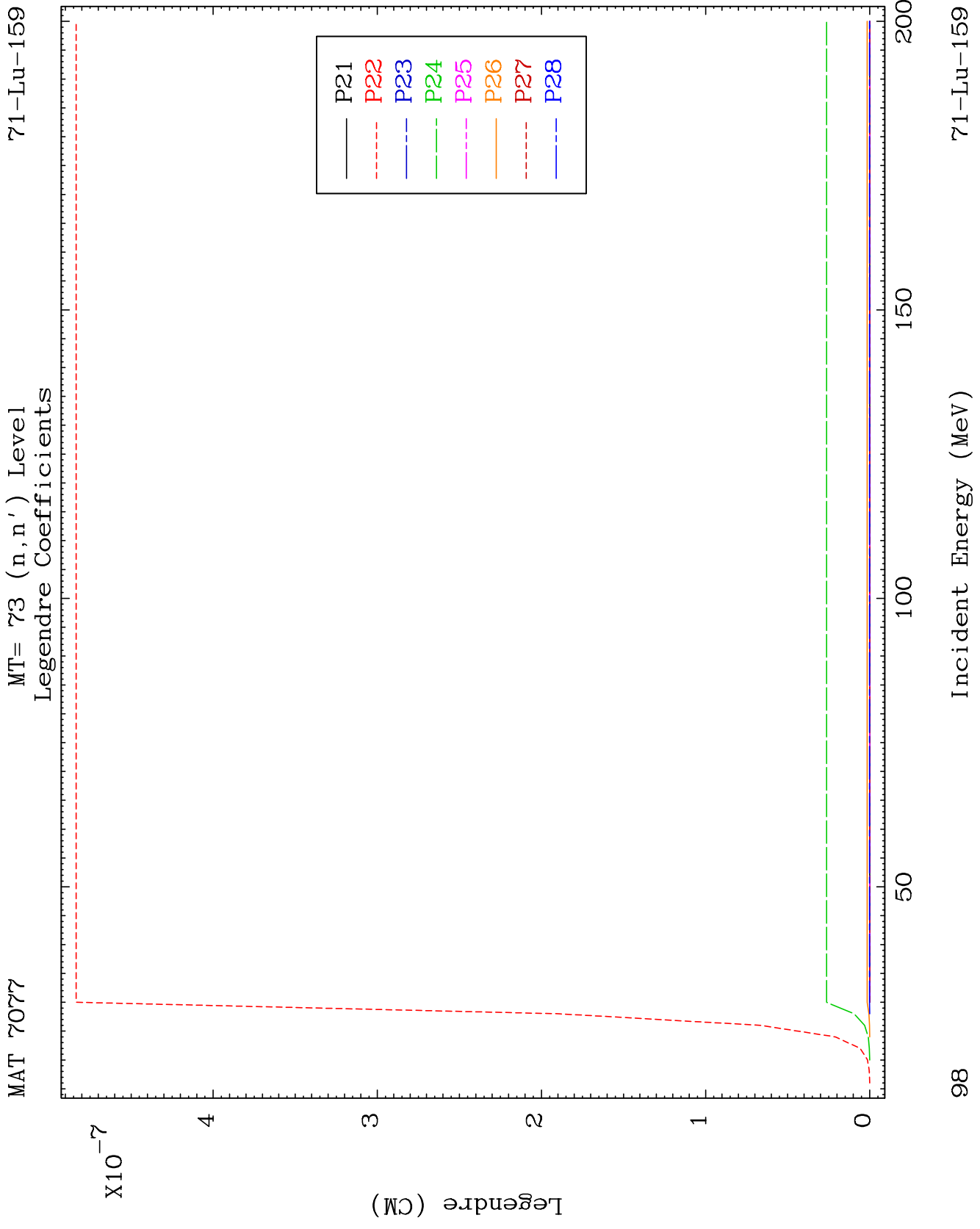


MAT 70777

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

71-Lu-159

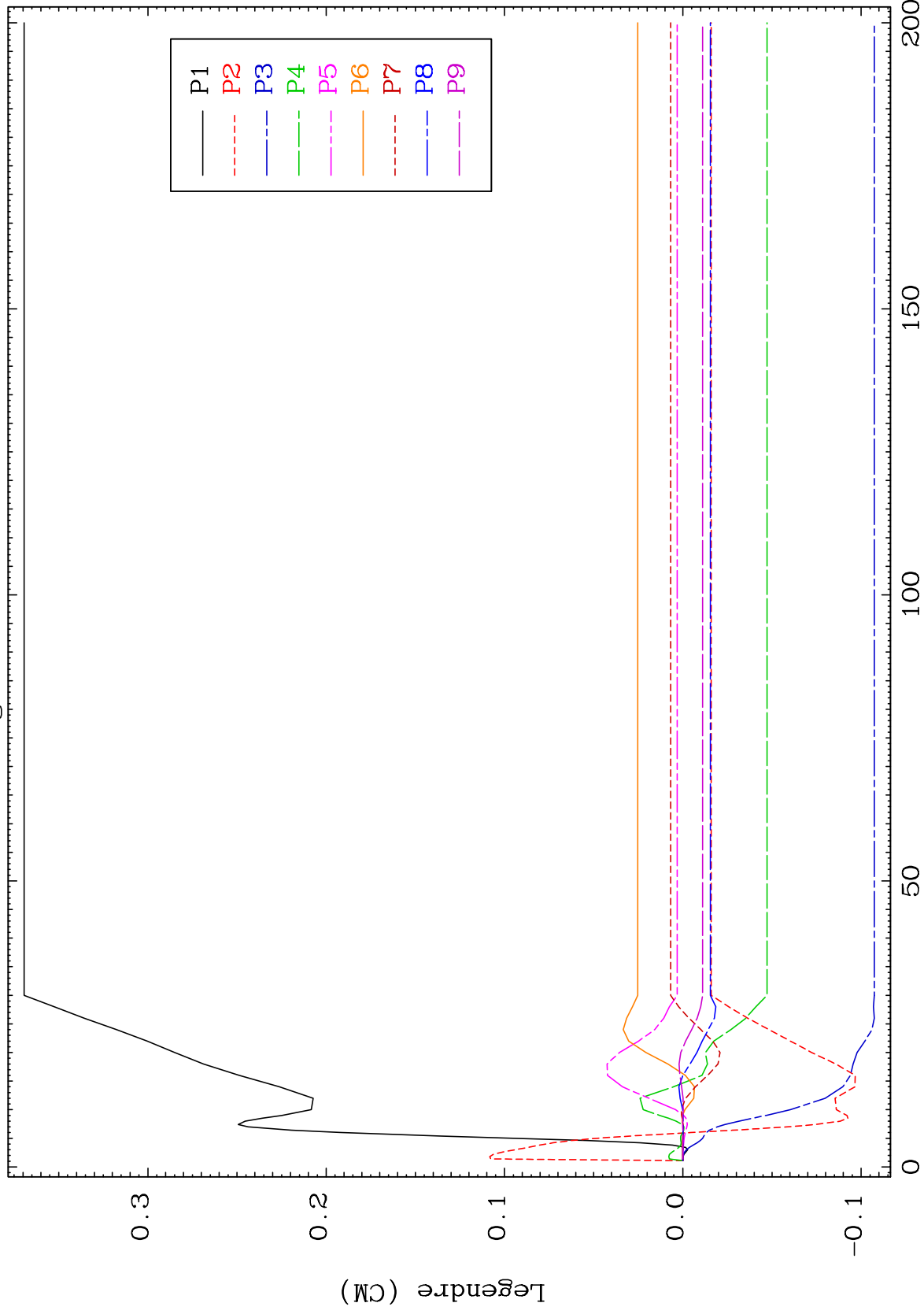




MAT 7077

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

71-Lu-159



99

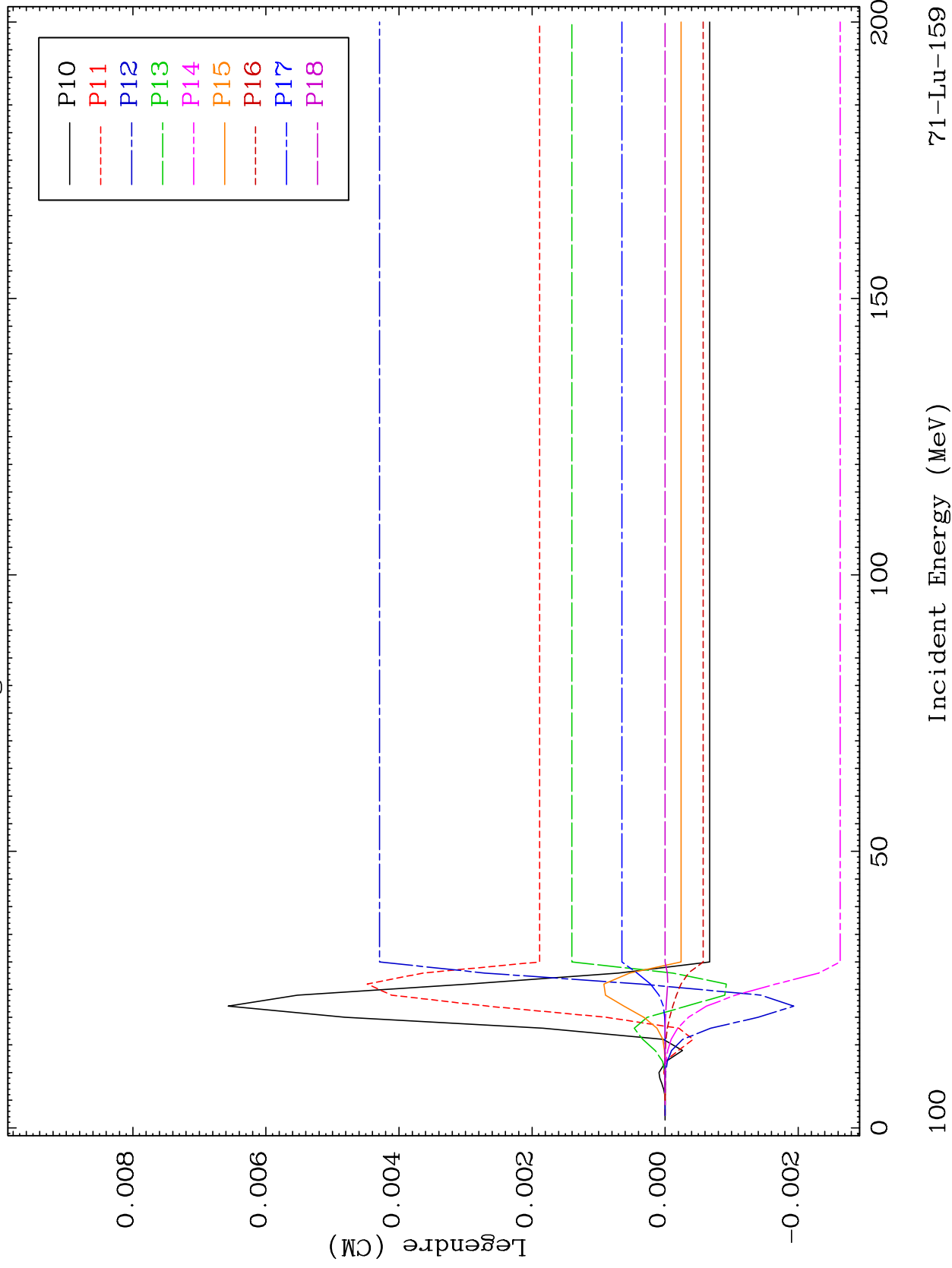
Incident Energy (MeV)

71-Lu-159

MAT 70777

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

71-Lu-159

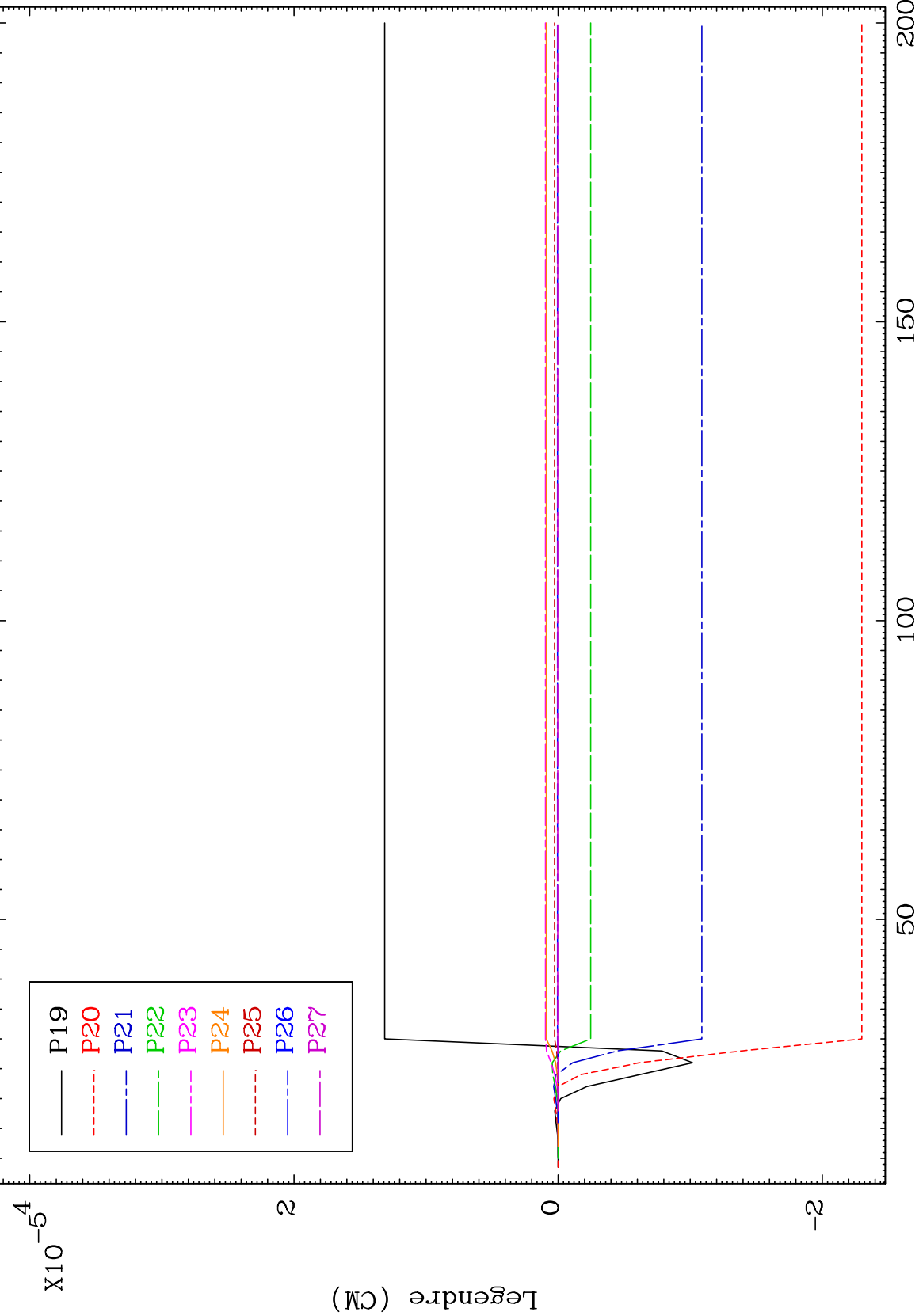


71-Lu-159

MAT 7077

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

71-Lu-159



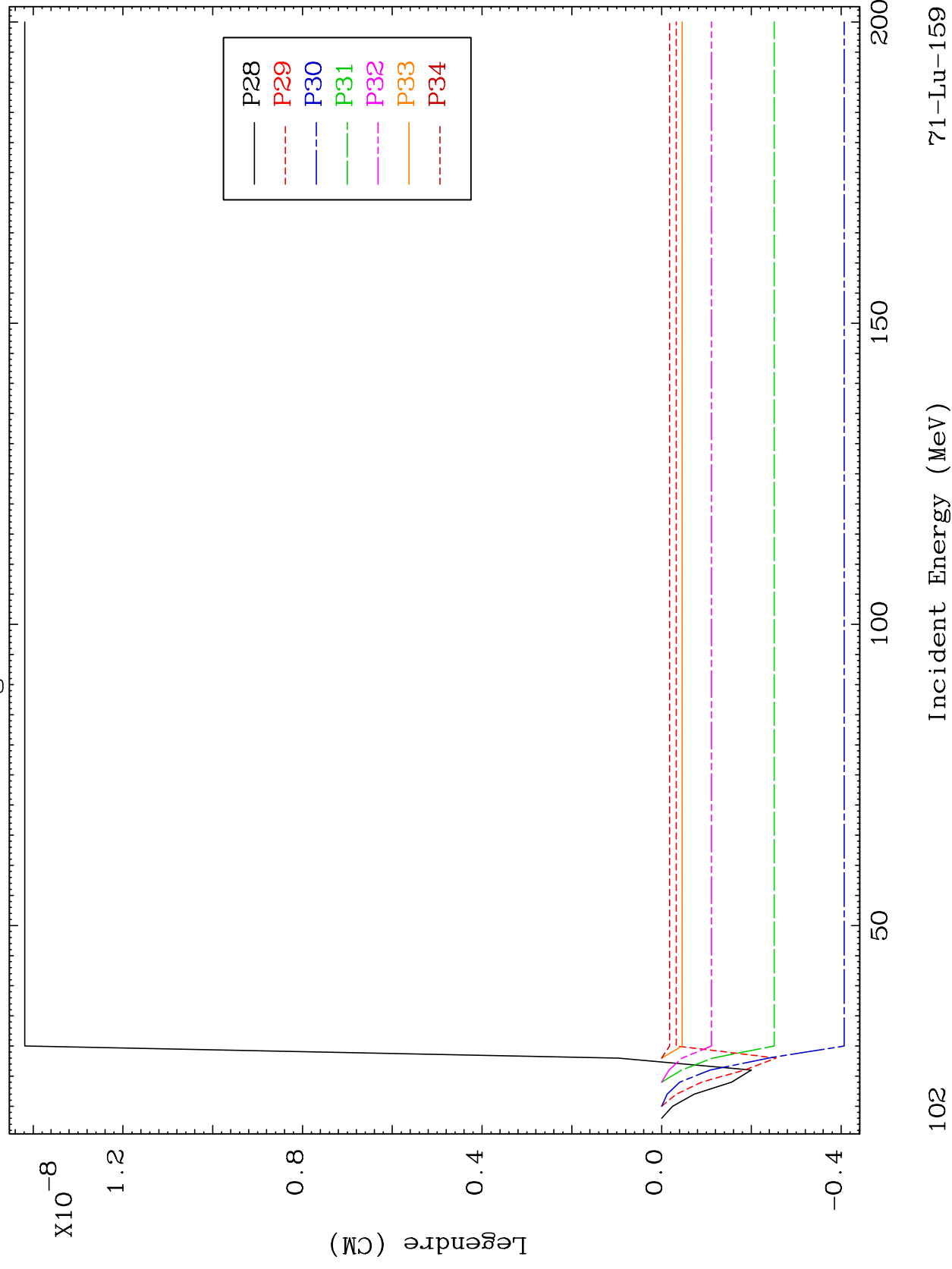
101

71-Lu-159

MAT 70777

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

71-Lu-159



102

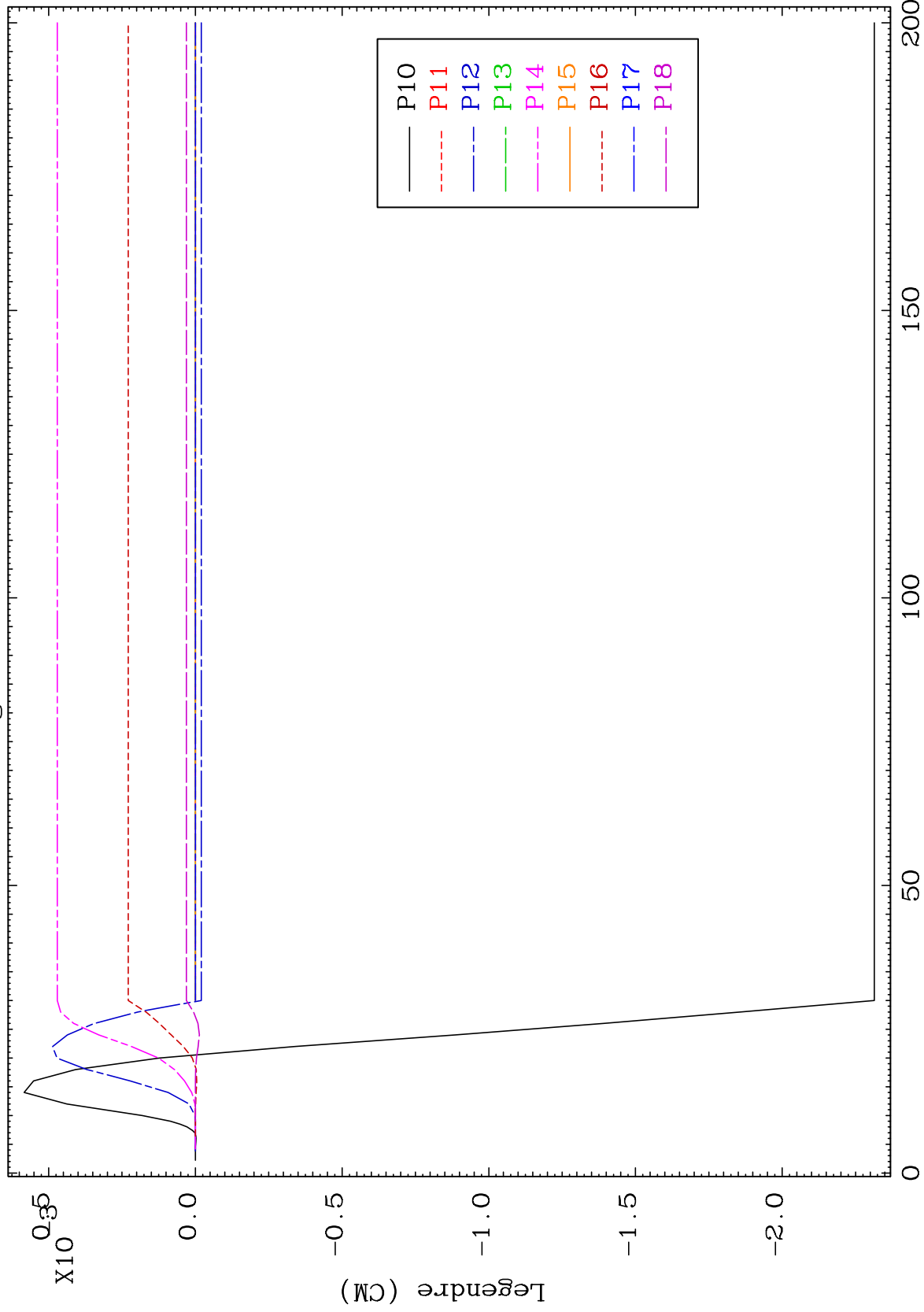
Incident Energy (MeV)

71-Lu-159

MAT 70777

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

71-Lu-159



104

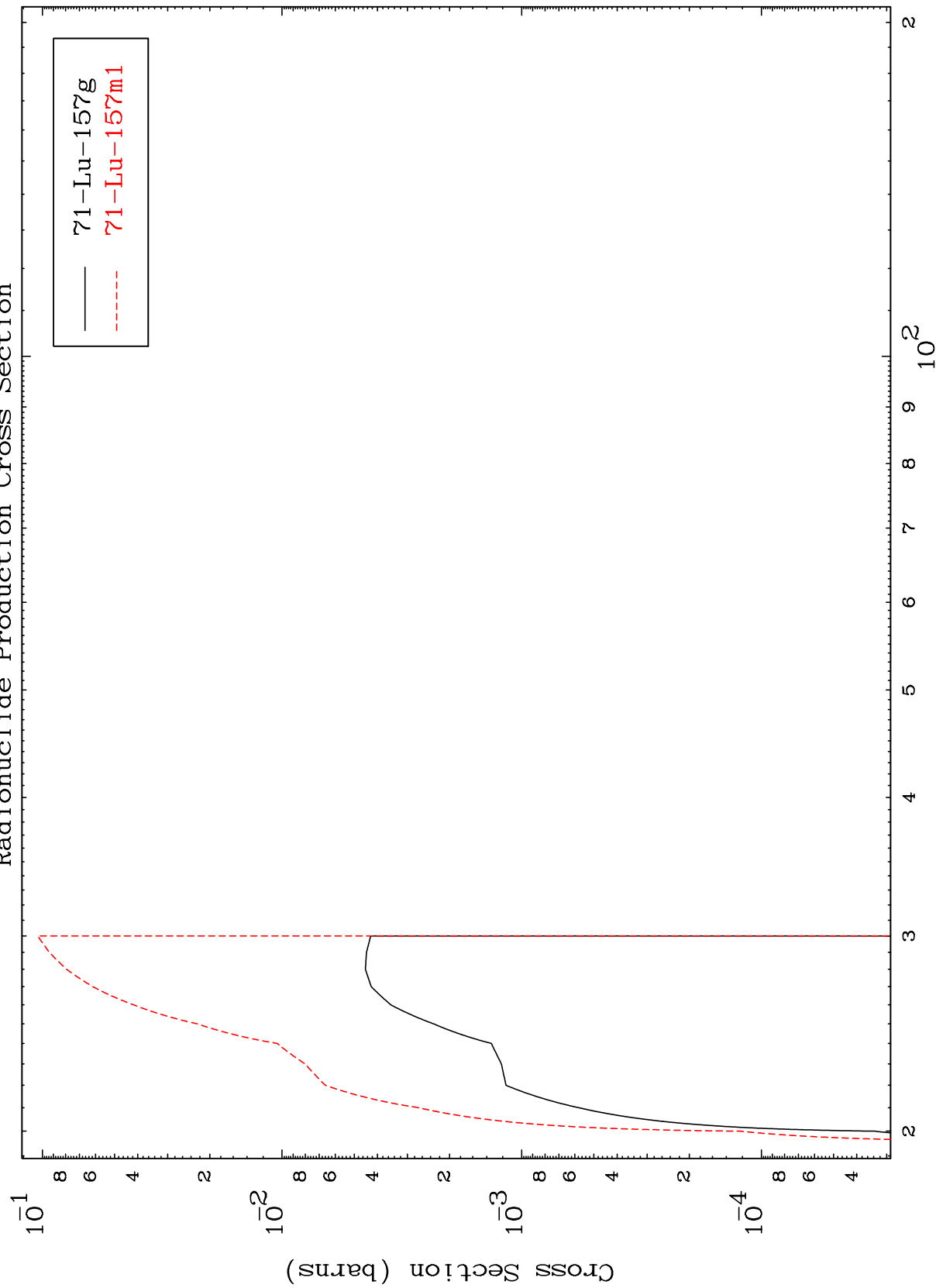
Incident Energy (MeV)

71-Lu-159

MAT 70777

71-Lu-159

(n,3n)
Radionuclide Production Cross Section



71-Lu-159

Incident Energy (MeV)

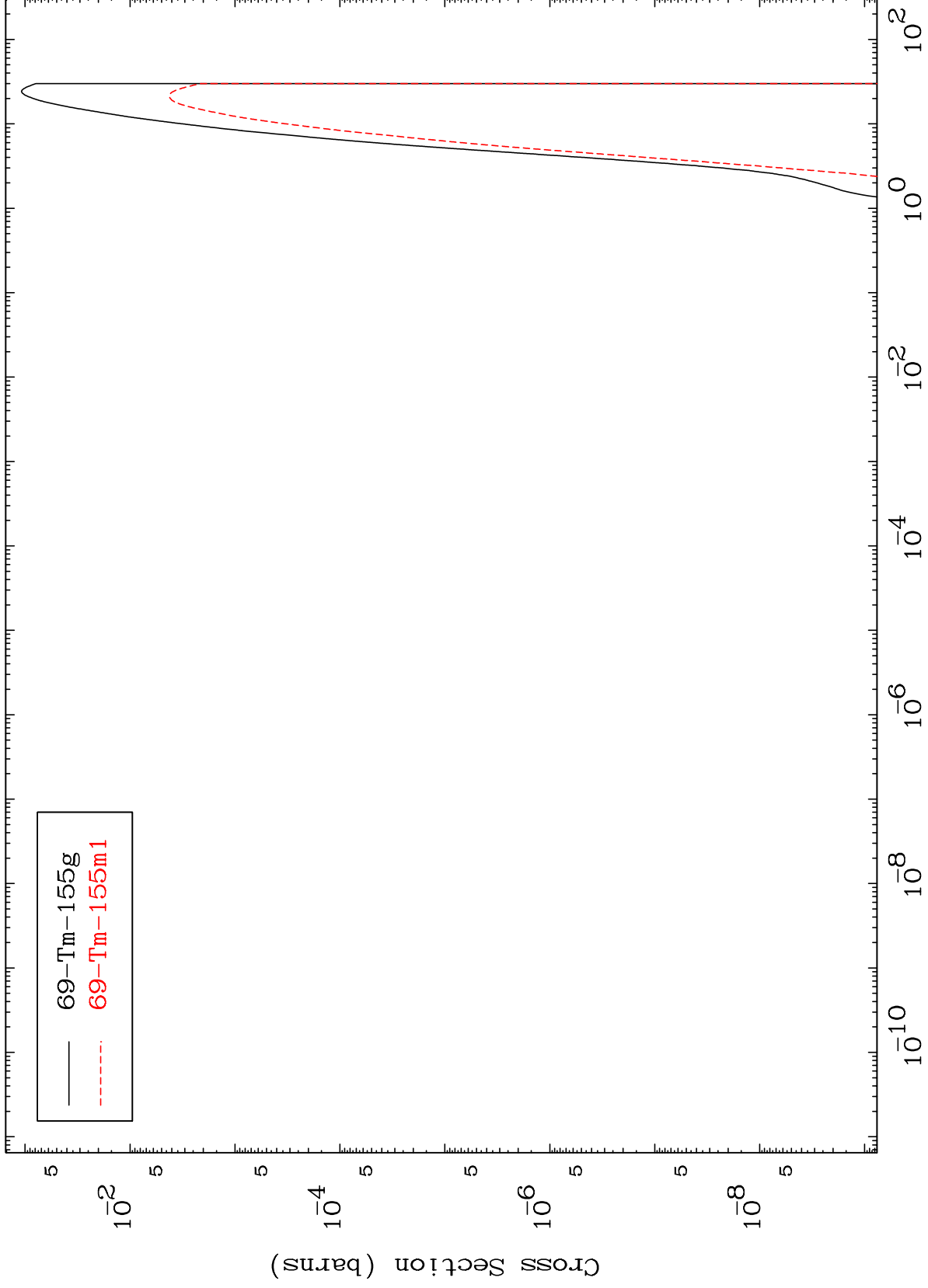
106

MAT 7077

$(n, n') \alpha$

71-Lu-159

Radionuclide Production Cross Section



107

Incident Energy (MeV)

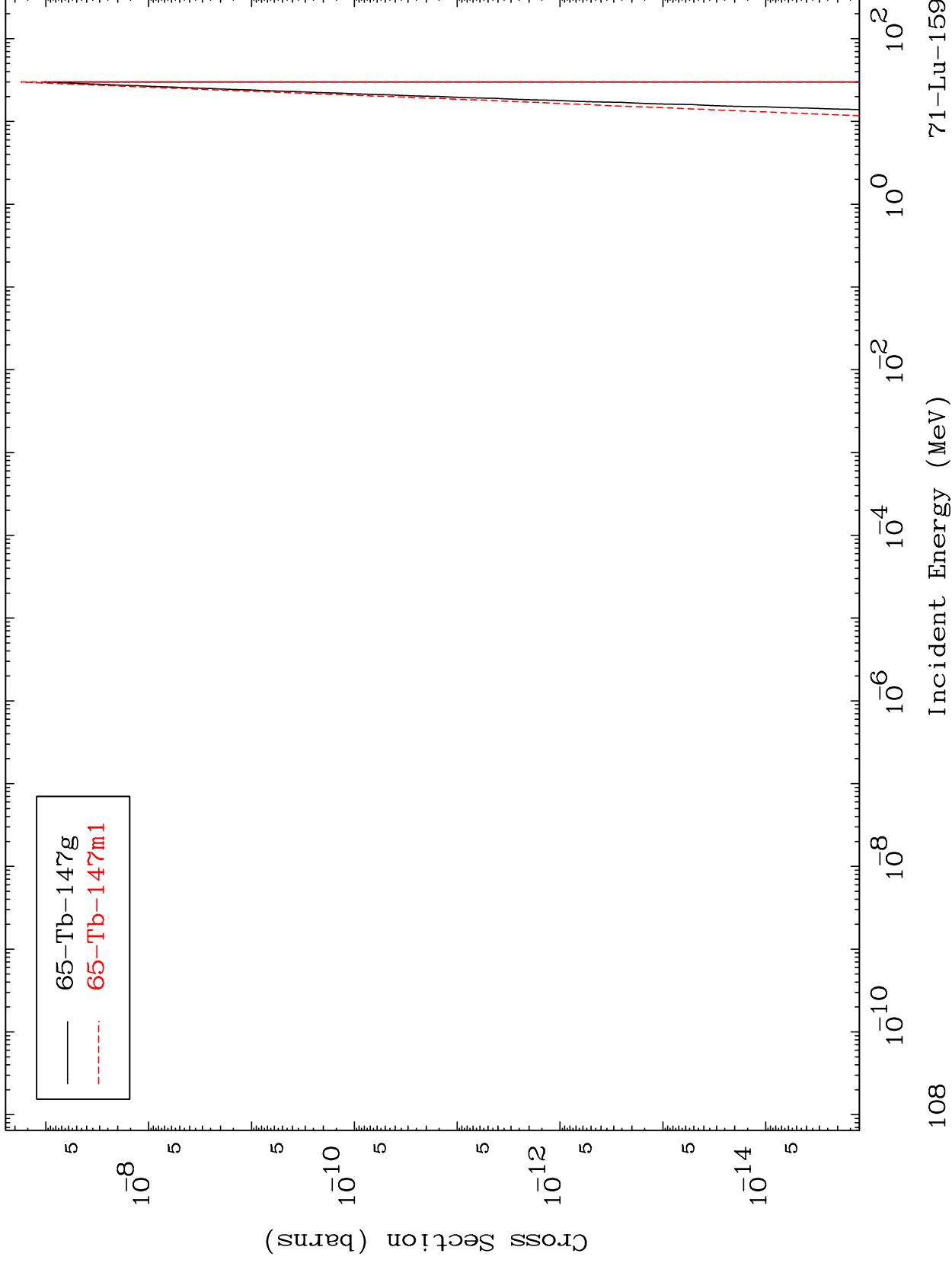
71-Lu-159

MAT 7077

(n,n') 3 α

71-Lu-159

Radionuclide Production Cross Section

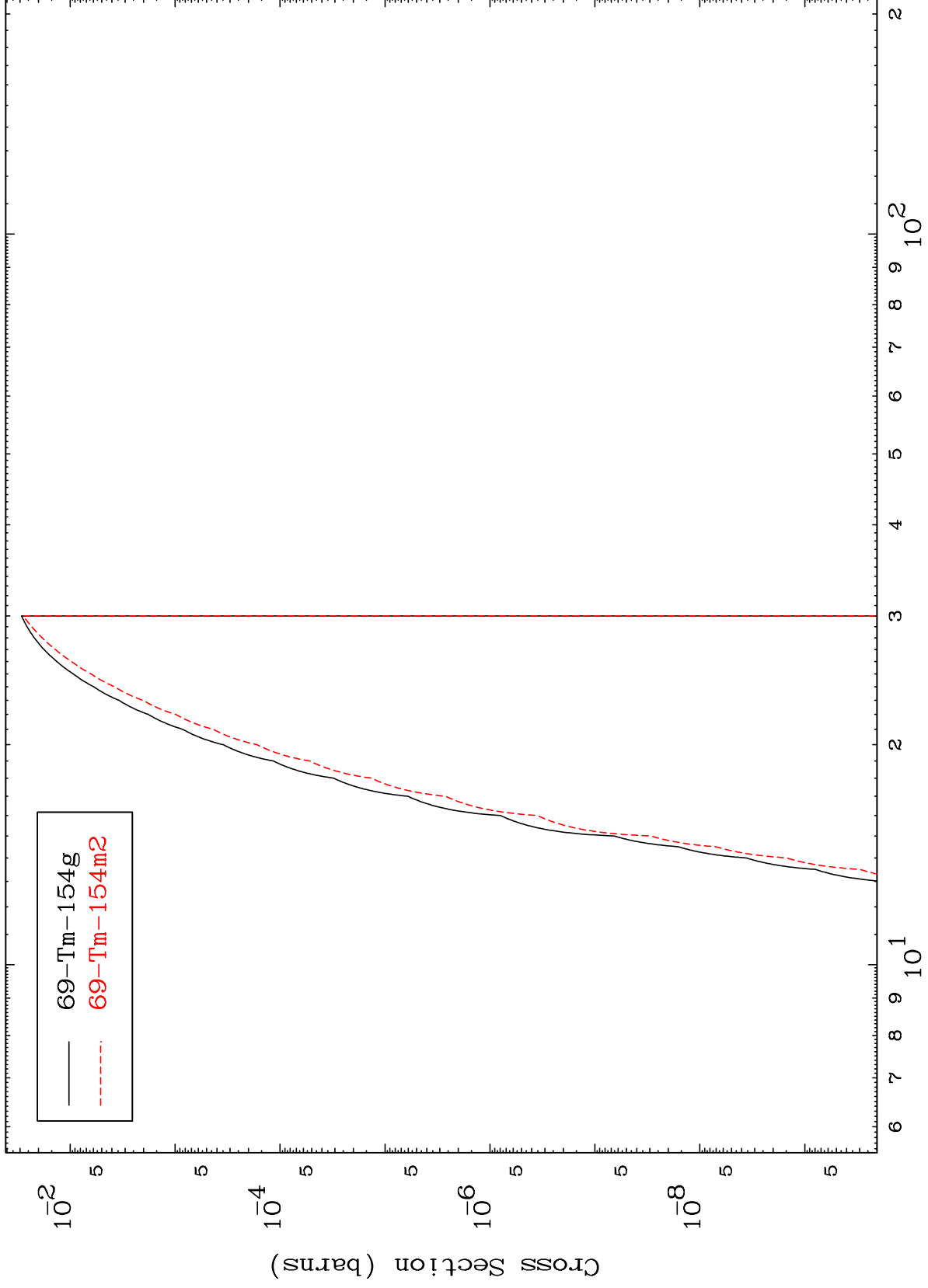


MAT 7077

(n,2n) α

71-Lu-159

Radionuclide Production Cross Section



109

Incident Energy (MeV)

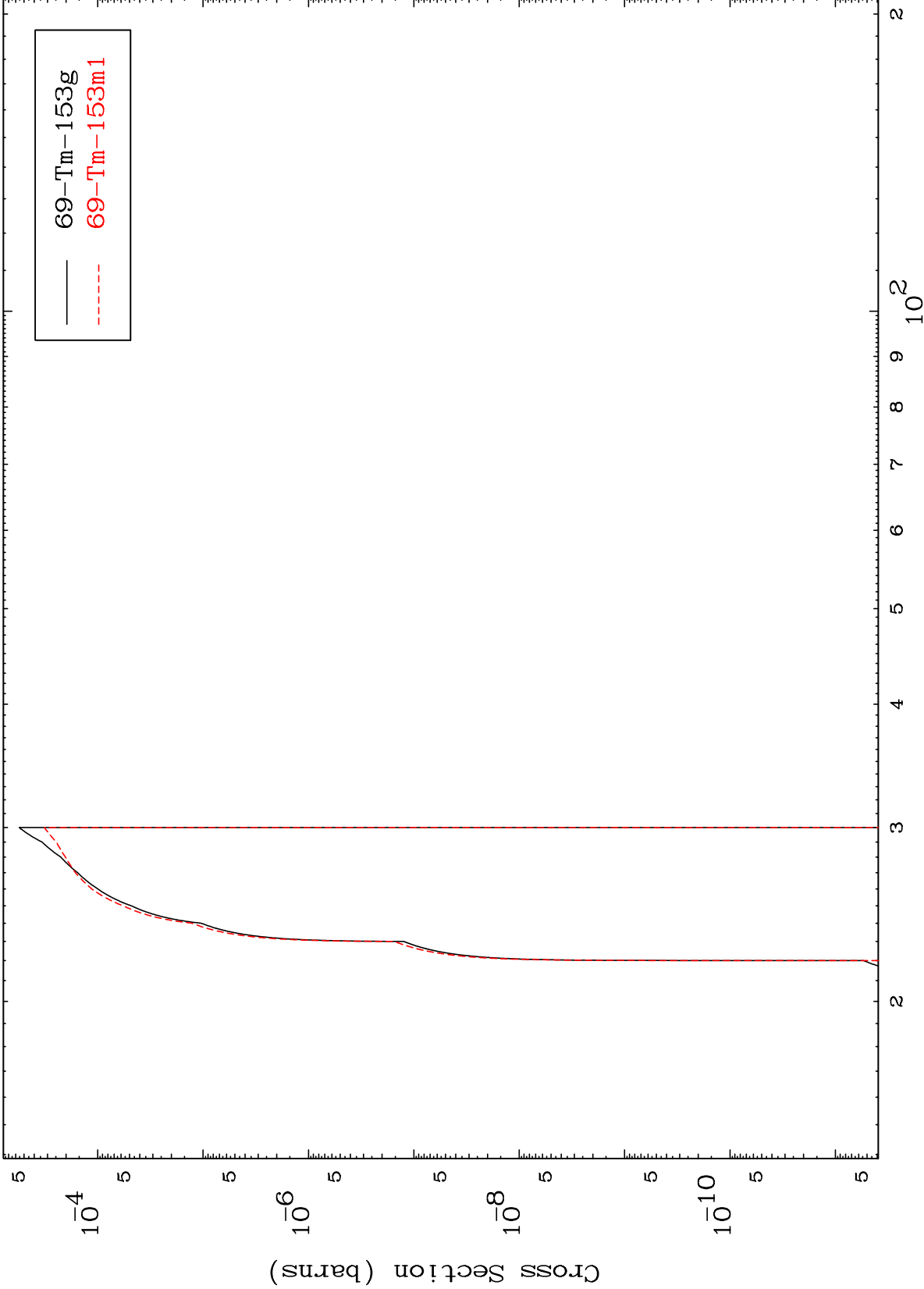
71-Lu-159

MAT 7077

(n,3n) α

71-Lu-159

Radionuclide Production Cross Section



110

Incident Energy (MeV)

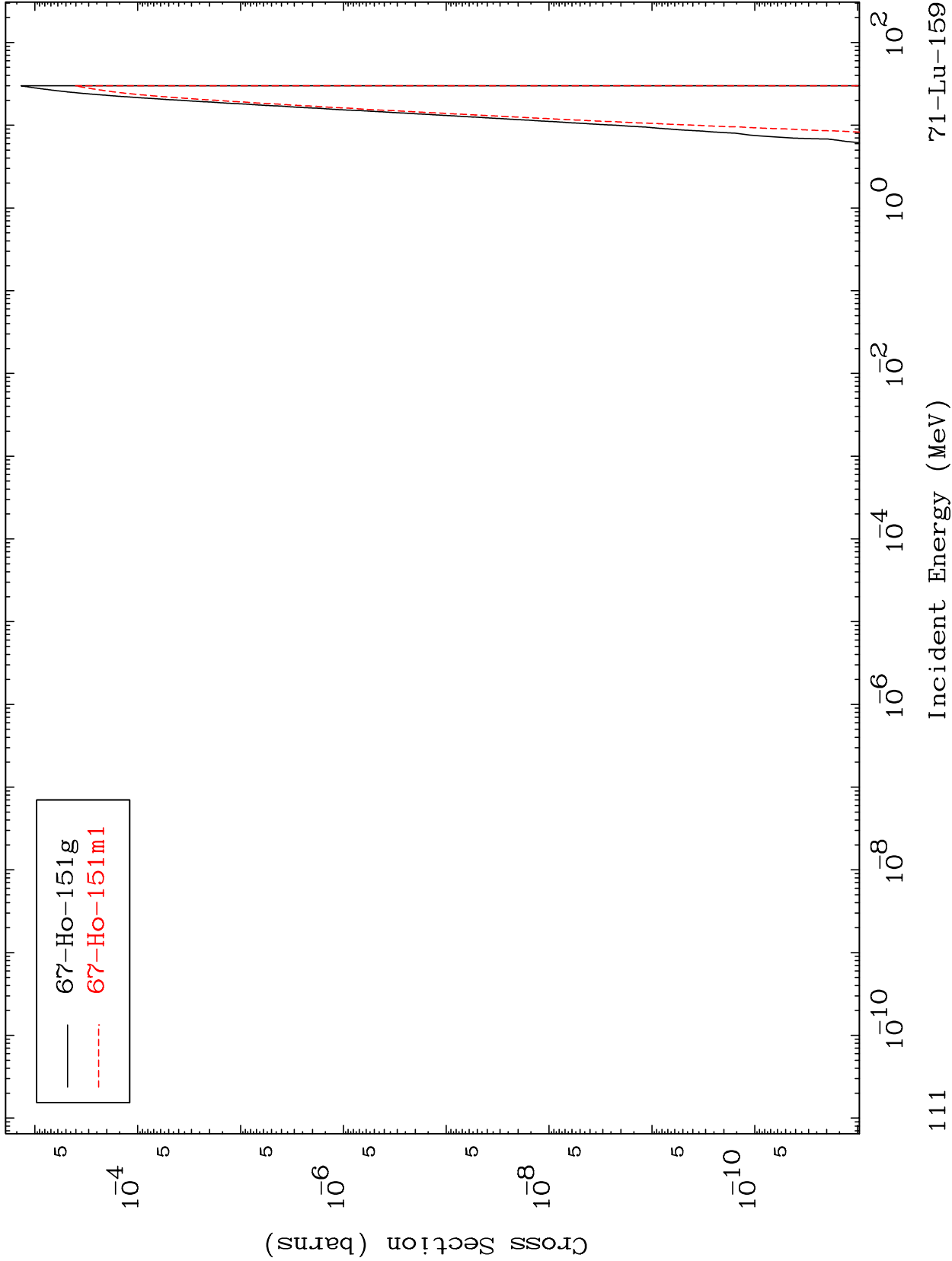
71-Lu-159

MAT 7077

(n,n') 2α

71-Lu-159

Radionuclide Production Cross Section



111

Incident Energy (MeV)

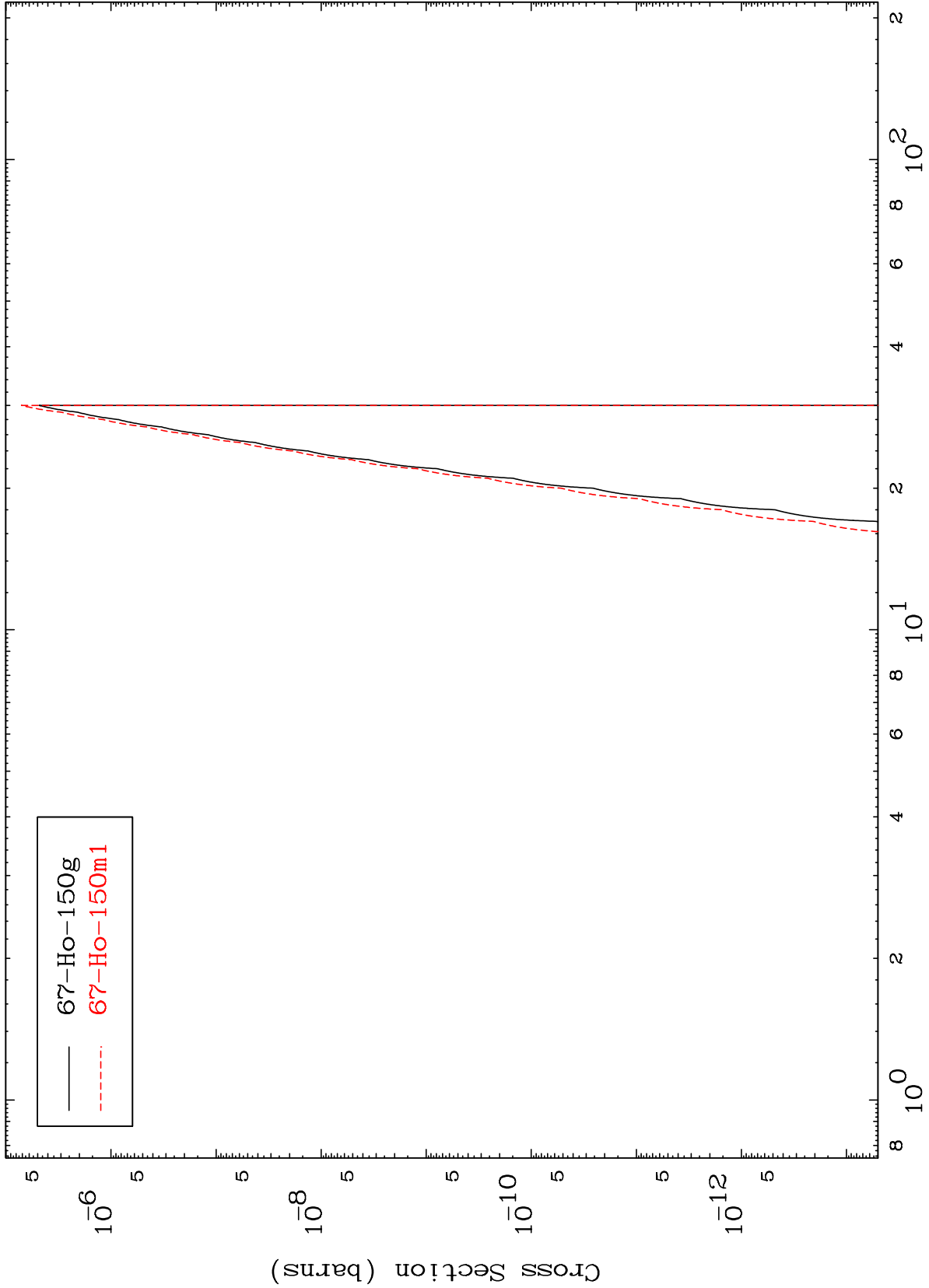
71-Lu-159

MAT 70777

$(n,2n) 2\alpha$

$^{71}\text{Lu-159}$

Radionuclide Production Cross Section



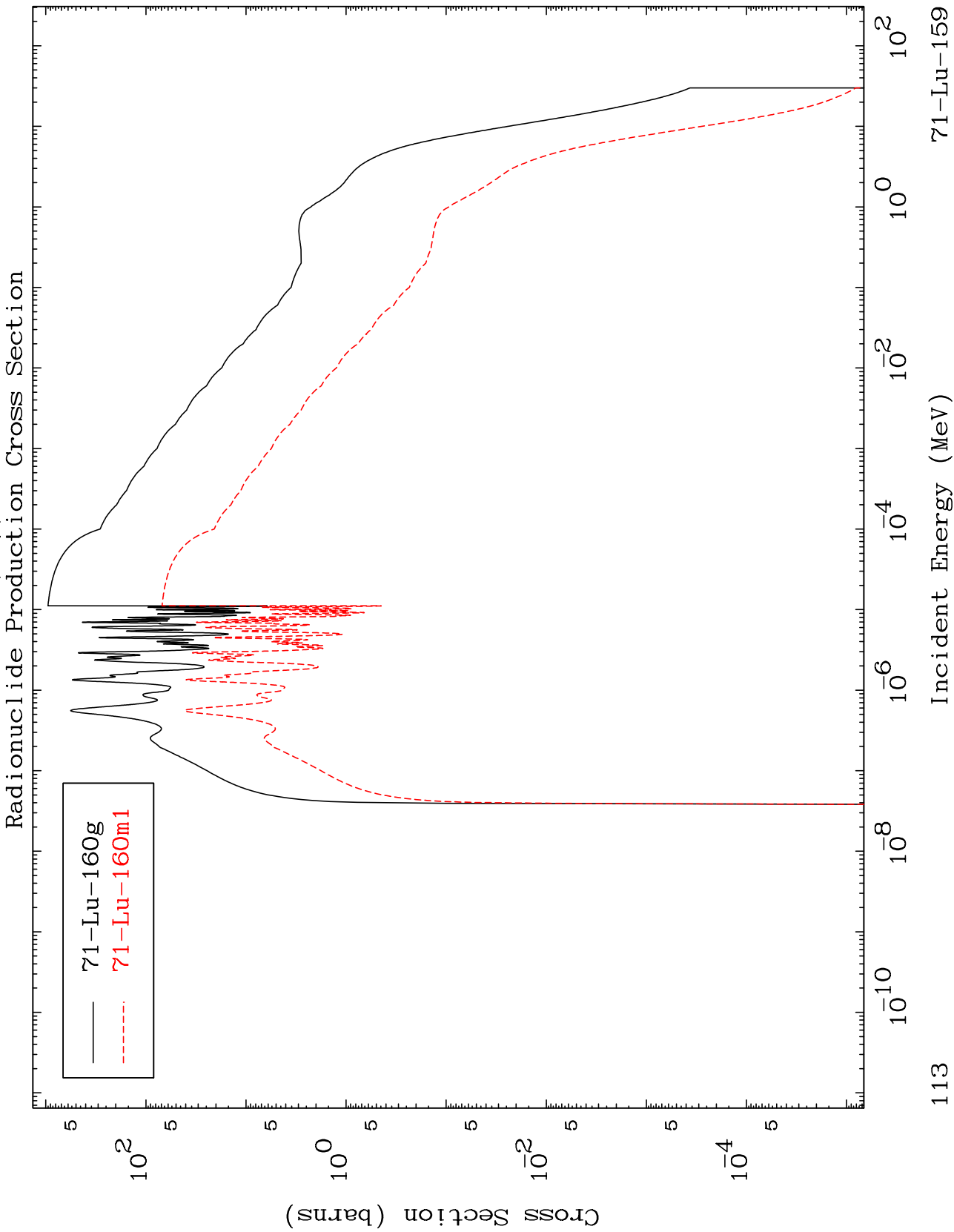
112

Incident Energy (MeV)

$^{71}\text{Lu-159}$

MAT 7077

71-Lu-159

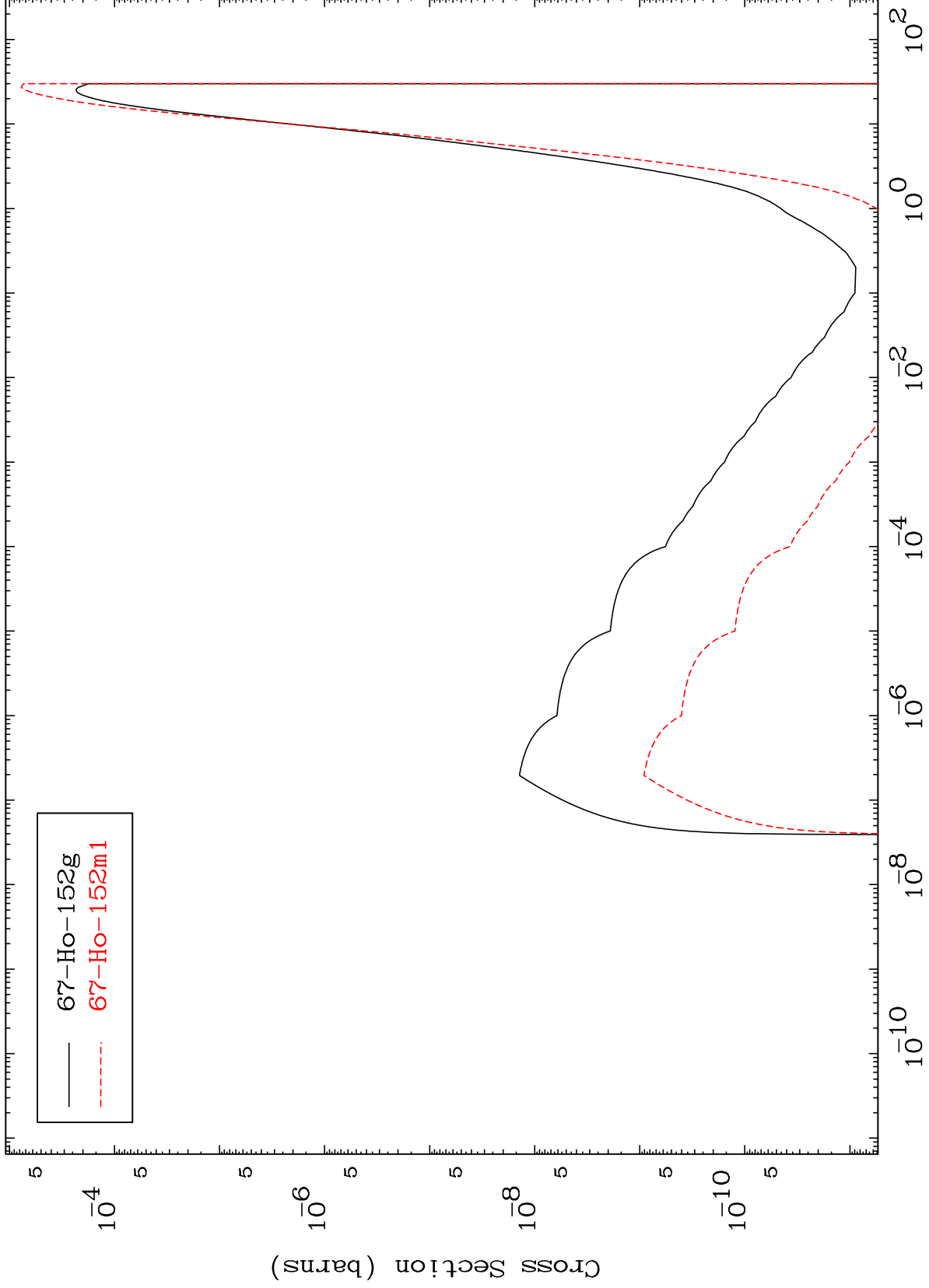


MAT 7077

(n,2α)

71-Lu-159

Radionuclide Production Cross Section



114

Incident Energy (MeV)

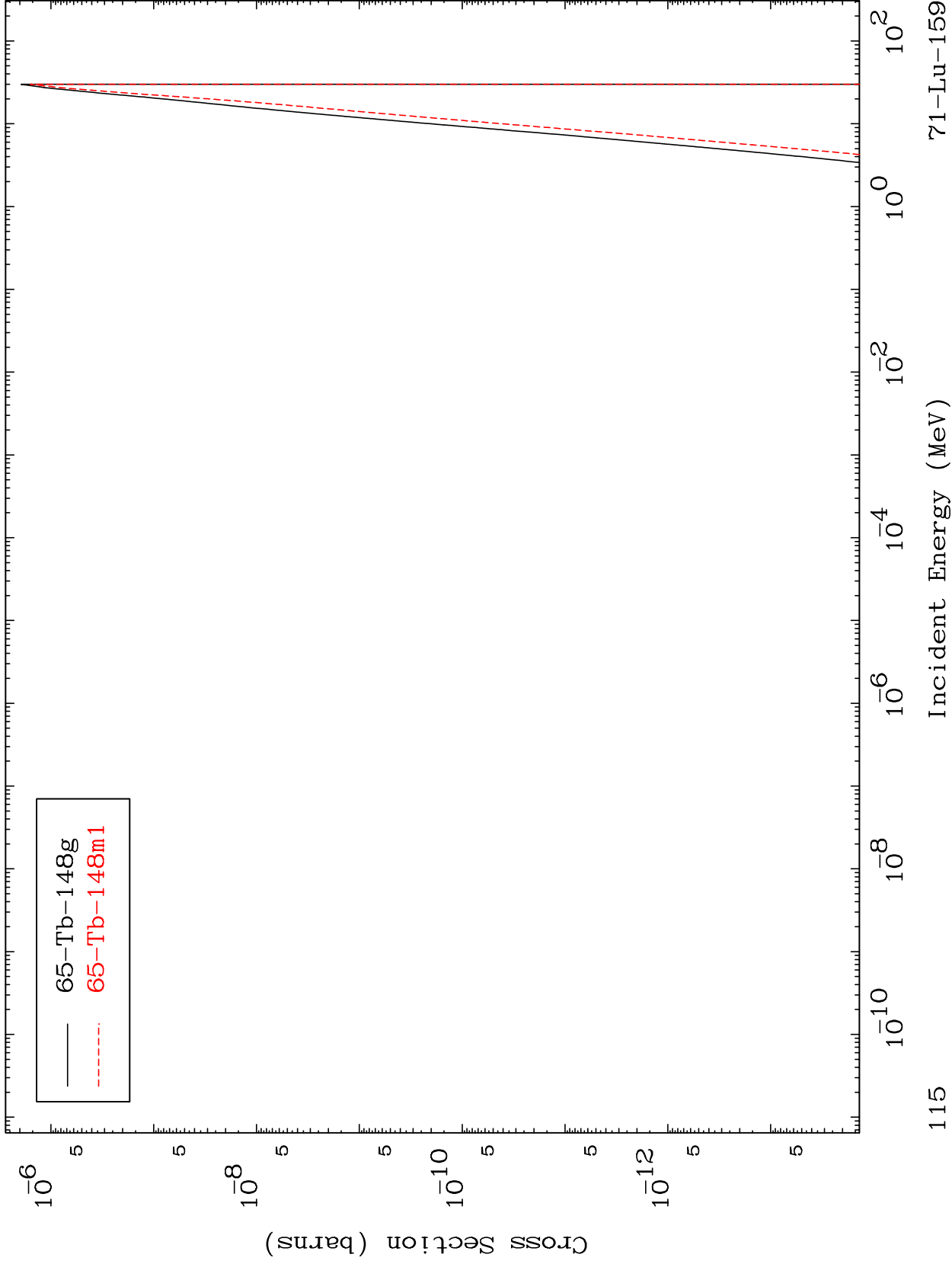
71-Lu-159

MAT 7077

(n,3 α)

⁷¹Lu-159

Radionuclide Production Cross Section



115

Incident Energy (MeV)

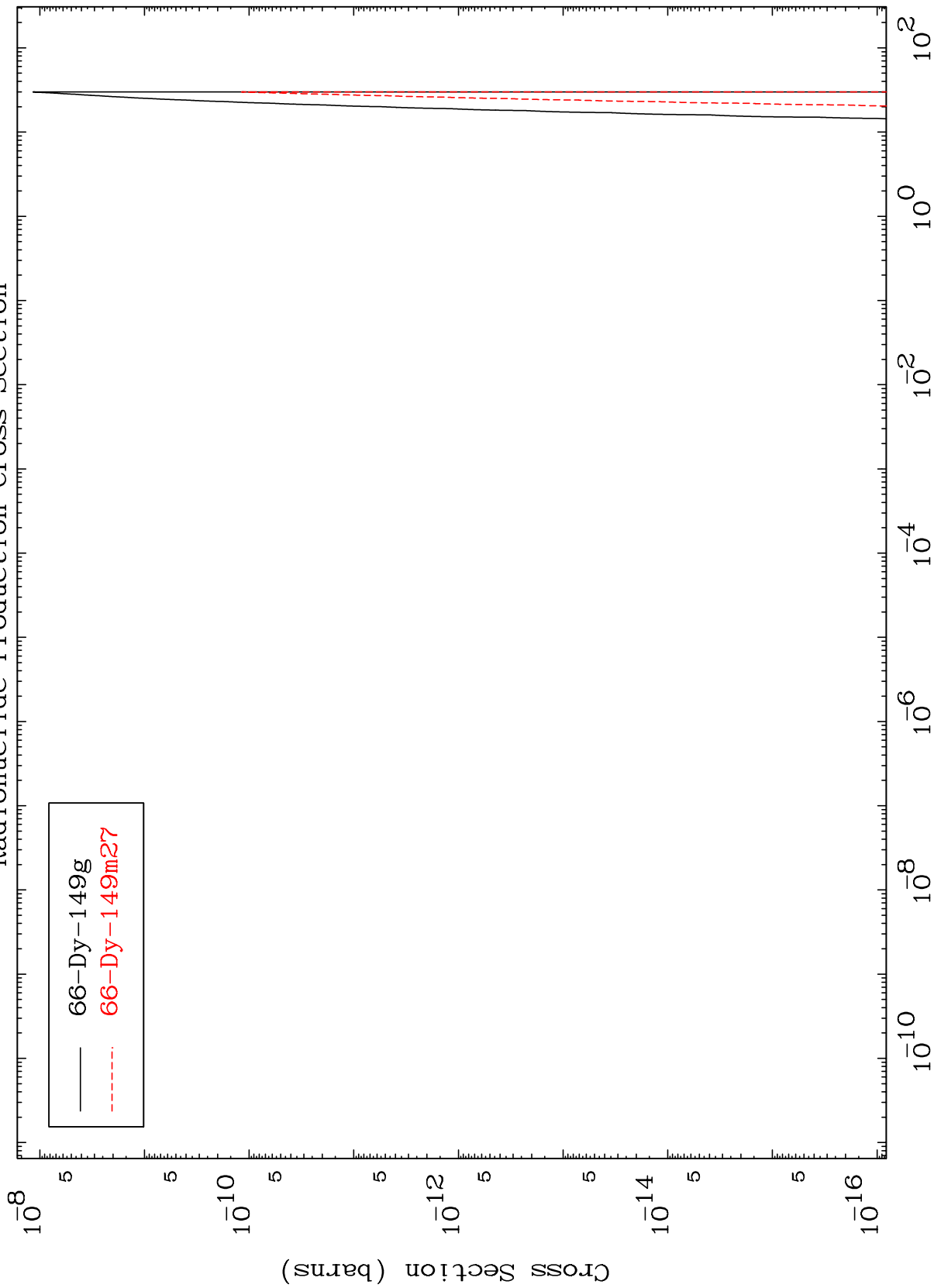
⁷¹Lu-159

MAT 7077

(n,t) 2 α

71-Lu-159

Radionuclide Production Cross Section



116

Incident Energy (MeV)

71-Lu-159