

Program EVALPLOT
(Version 2018-1)

by

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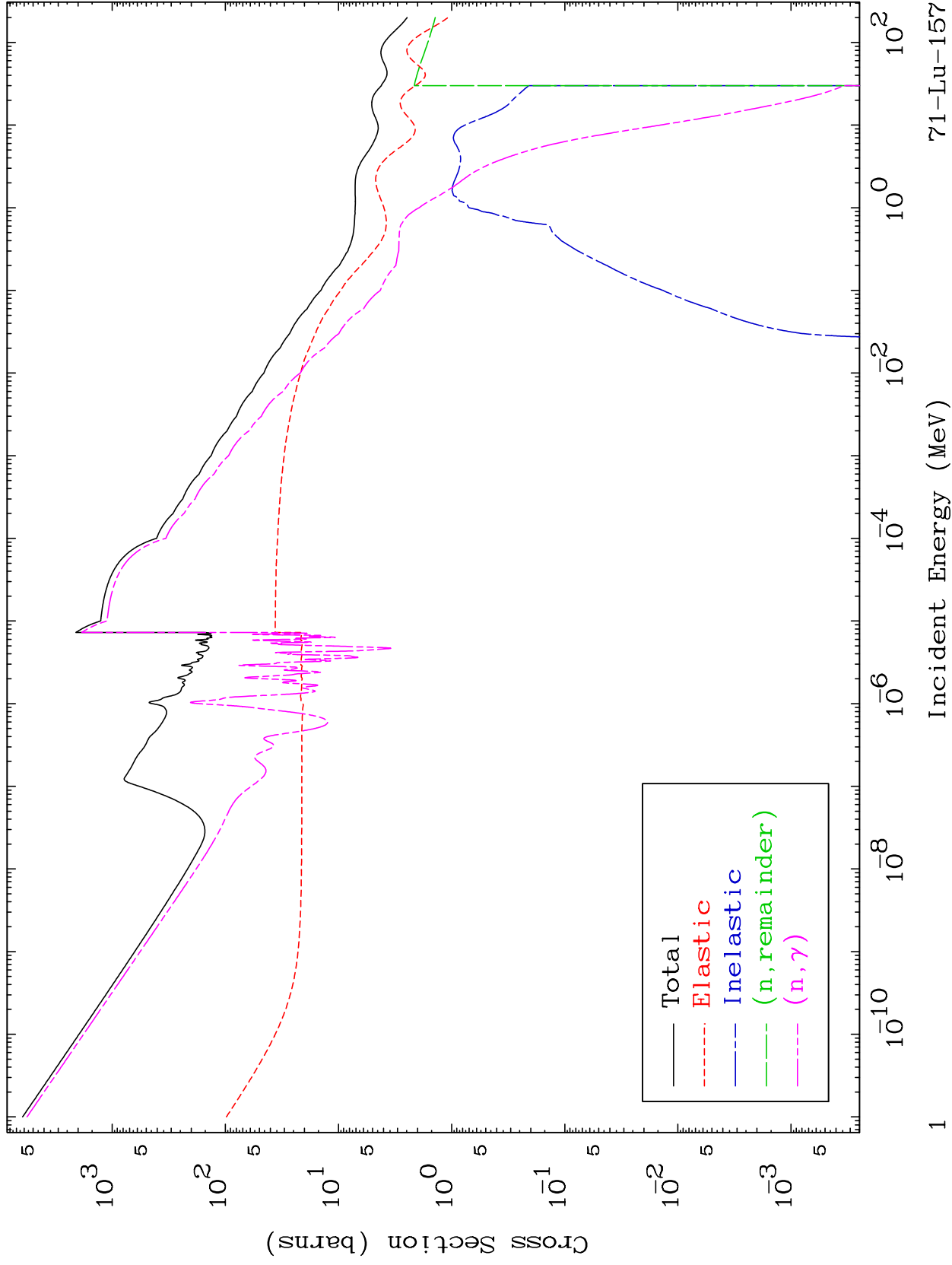
Press Mouse Button to Start

MAT 7071

Major

293 Kelvin Cross Sections

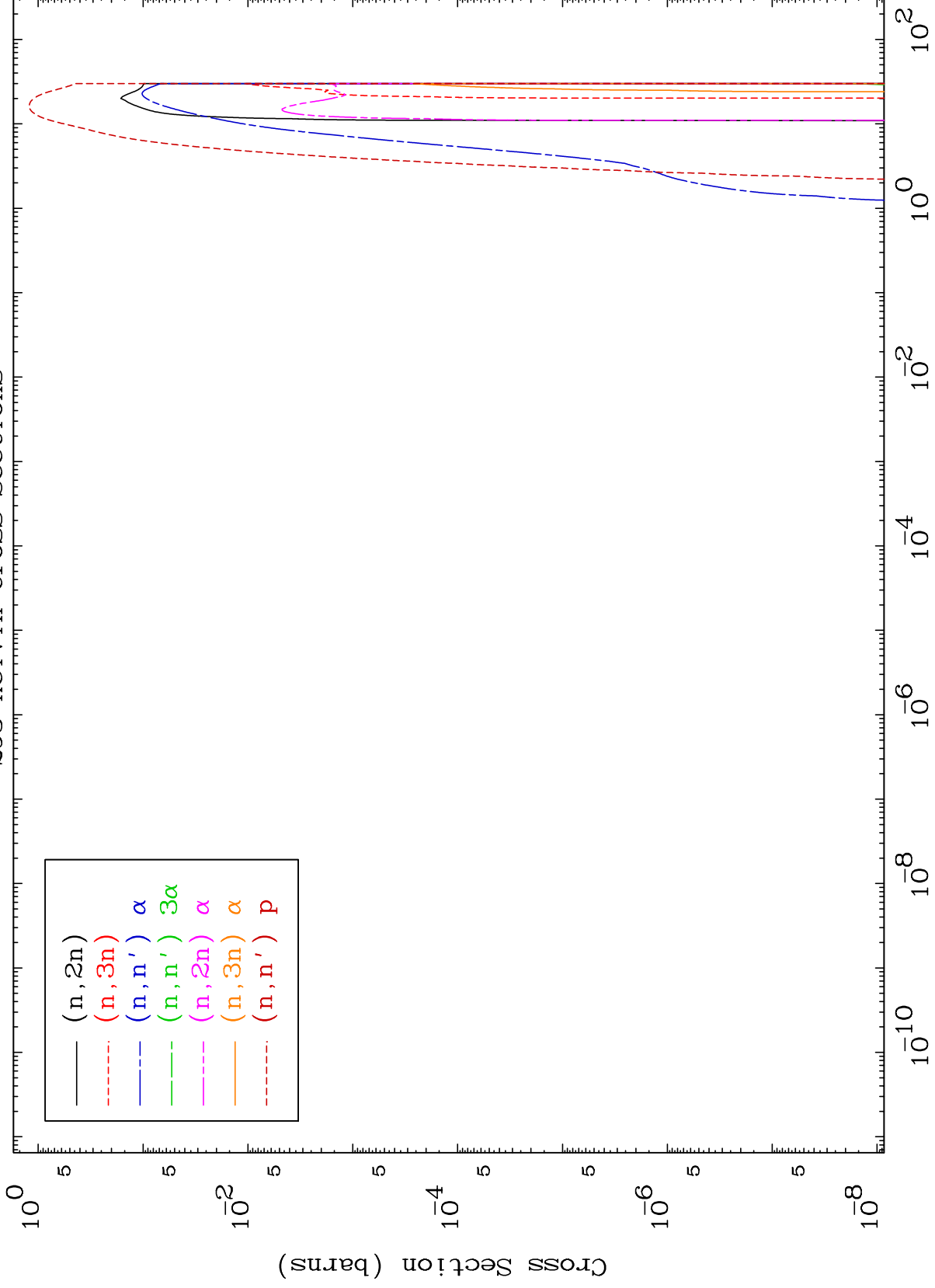
71-Lu-157



MAT 7071

Neutron Production
293 Kelvin Cross Sections

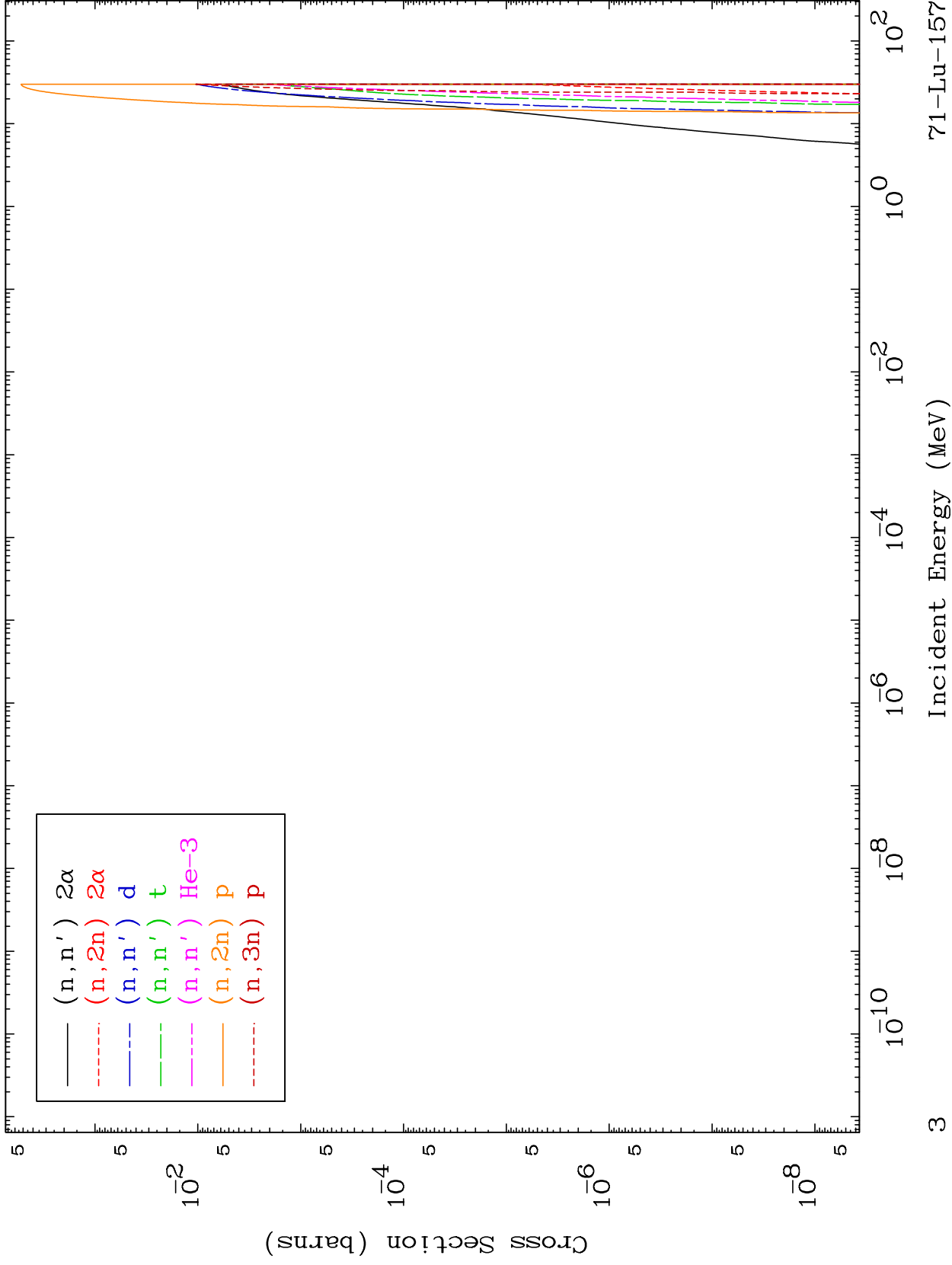
71-Lu-157



MAT 7071

Neutron Production
293 Kelvin Cross Sections

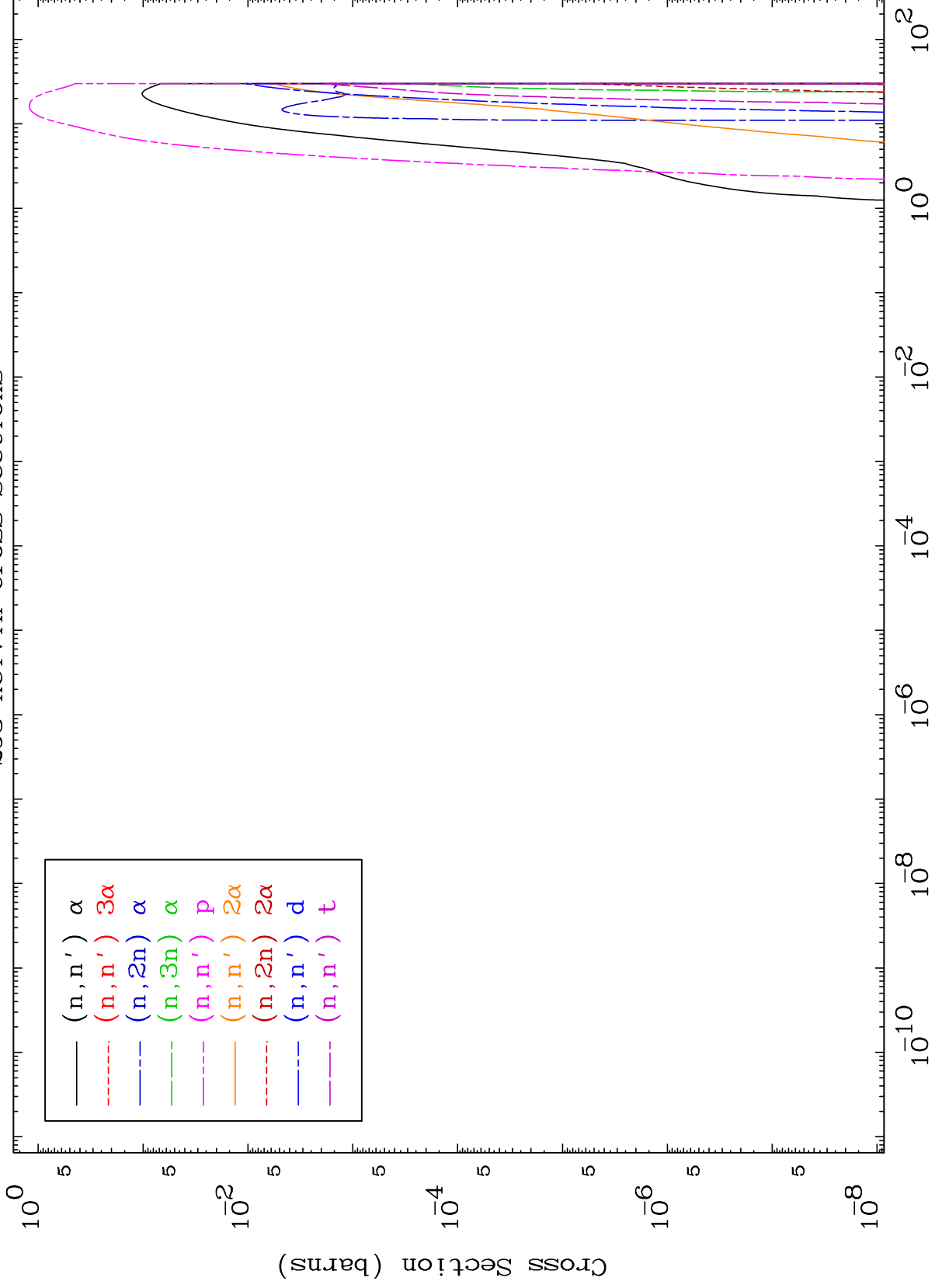
71-Lu-157

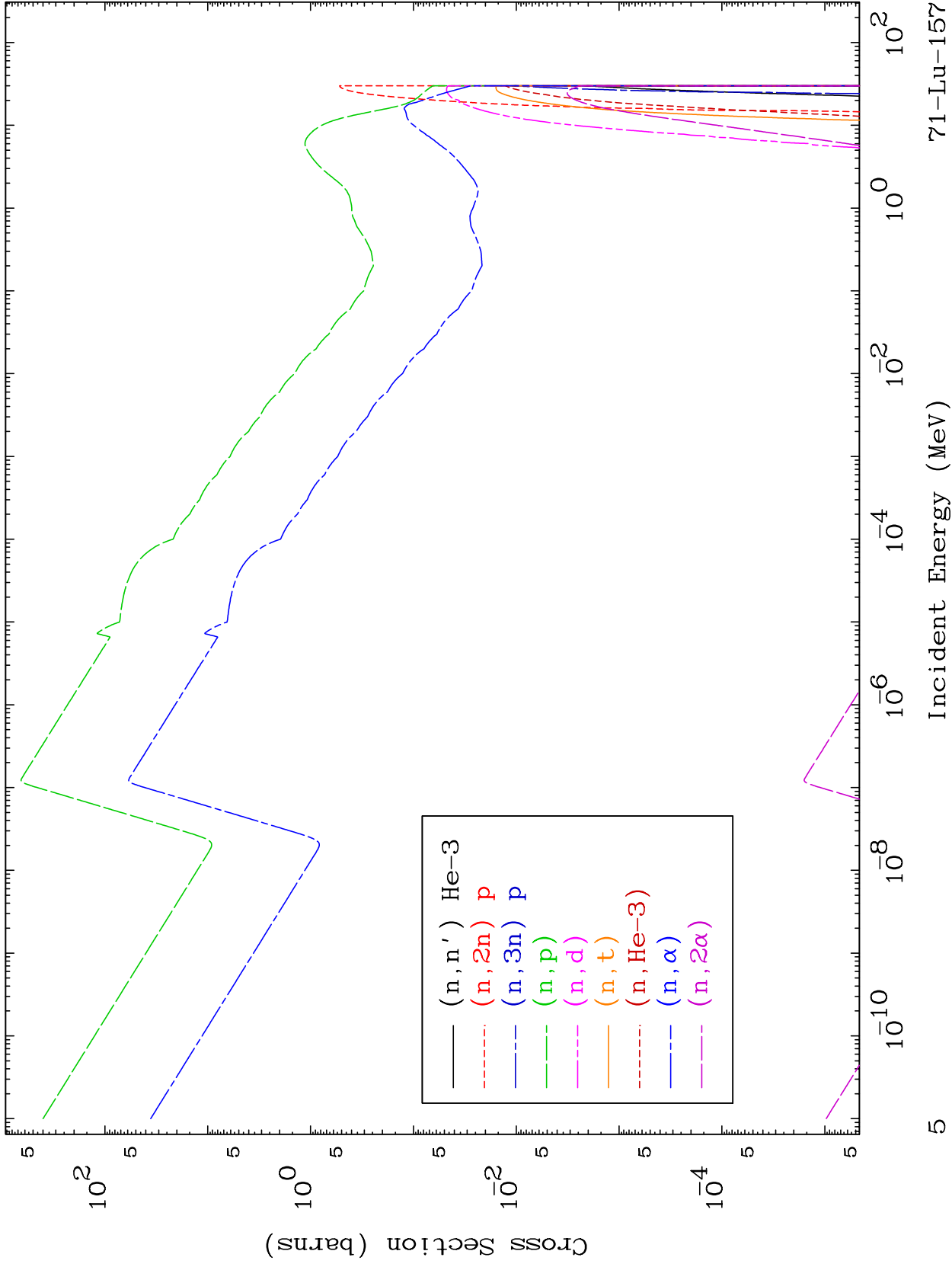


MAT 7071

Charged Particle
293 Kelvin Cross Sections

71-Lu-157

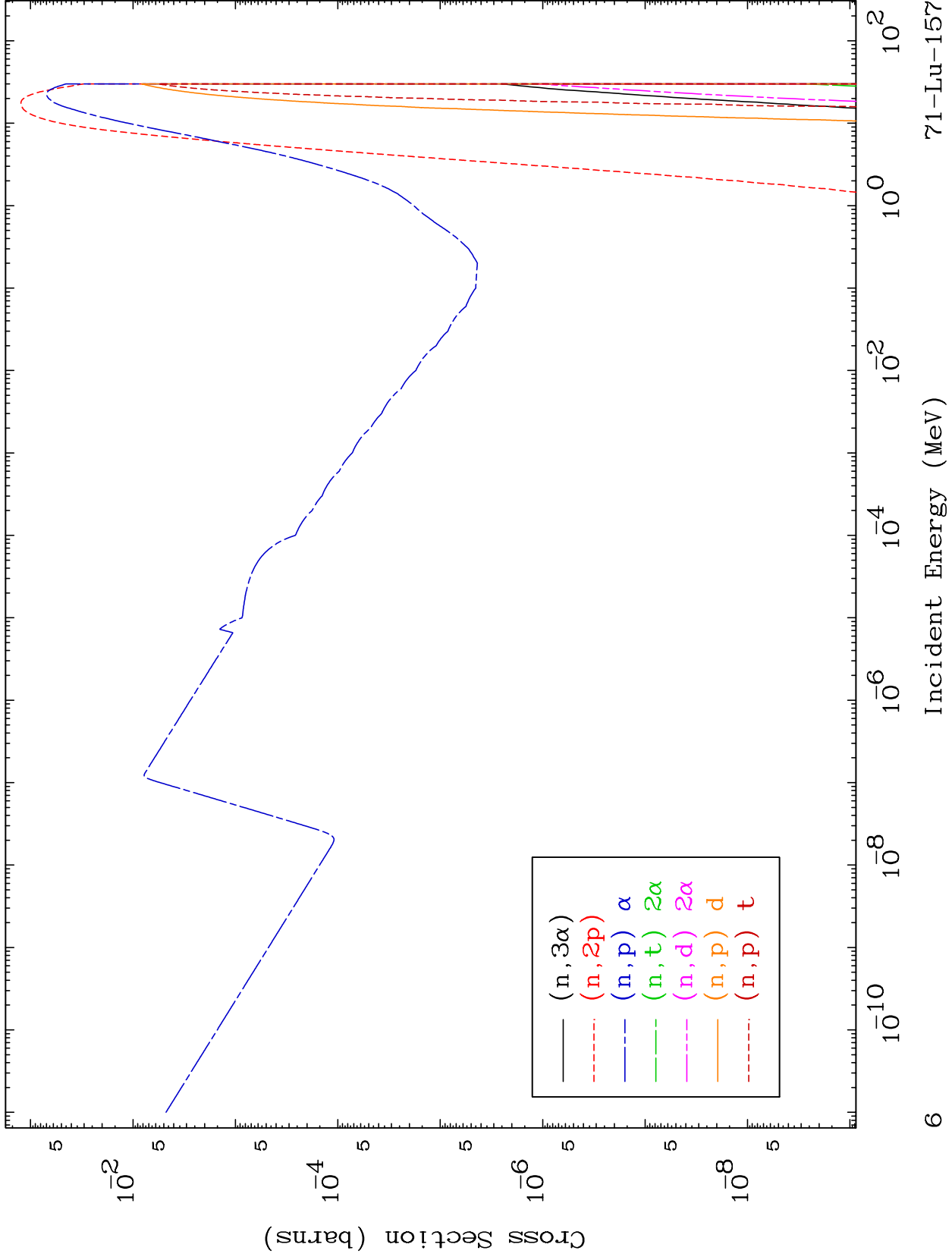


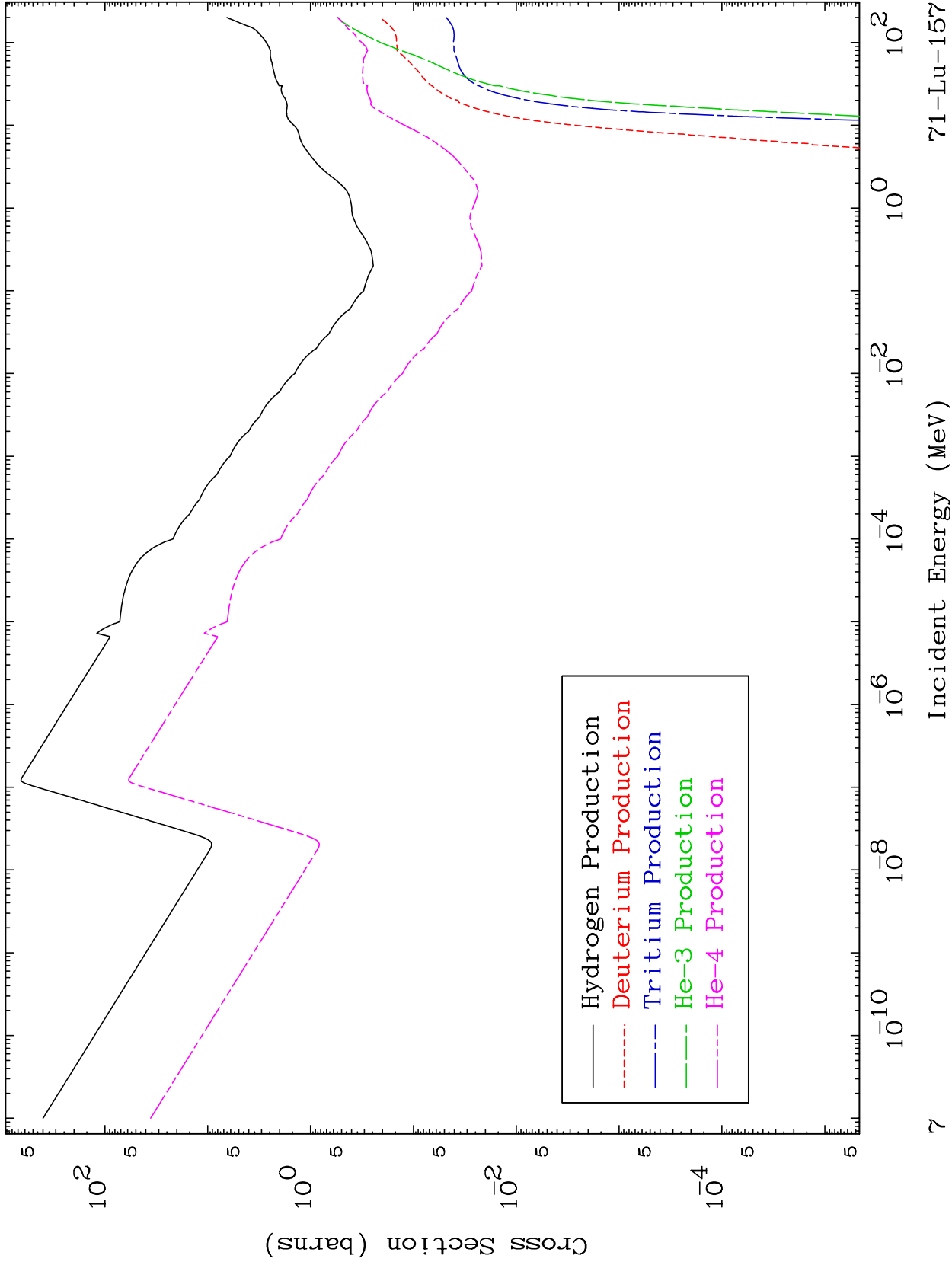


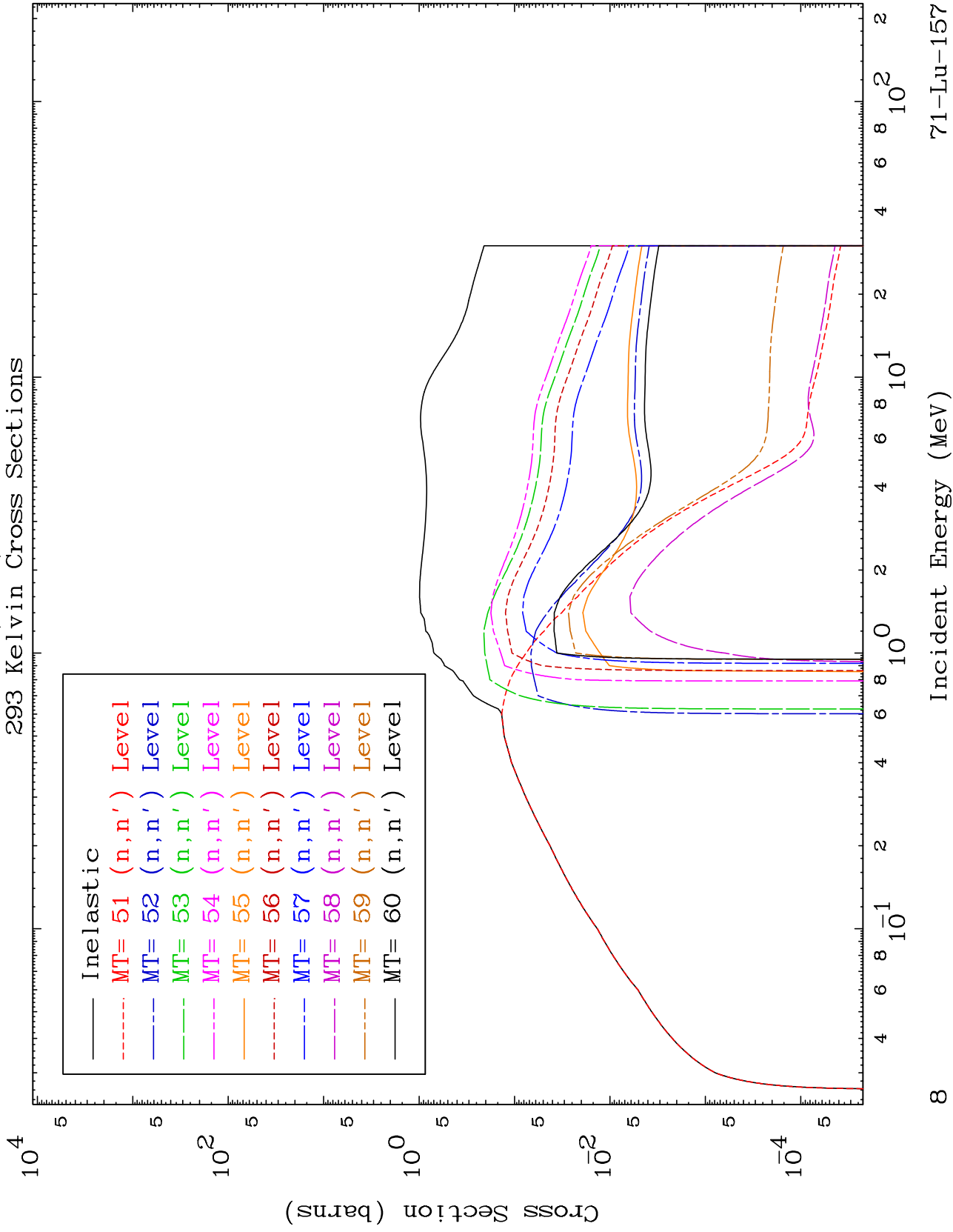
MAT 7071

293 Kelvin Cross Sections
Charged Particle

71-Lu-157





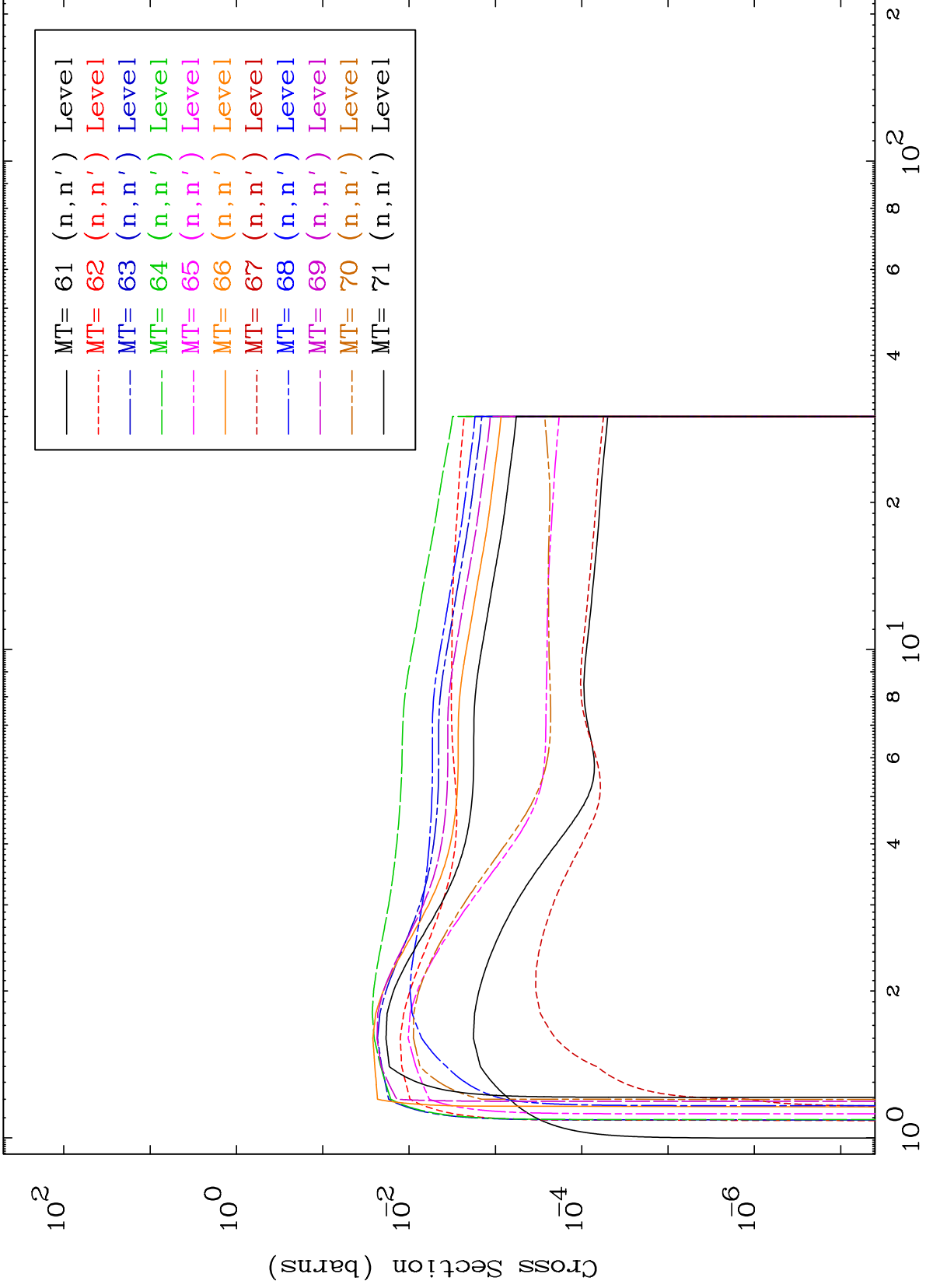


MAT 7071

(n,n') Level

71-Lu-157

293 Kelvin Cross Sections



Incident Energy (MeV)

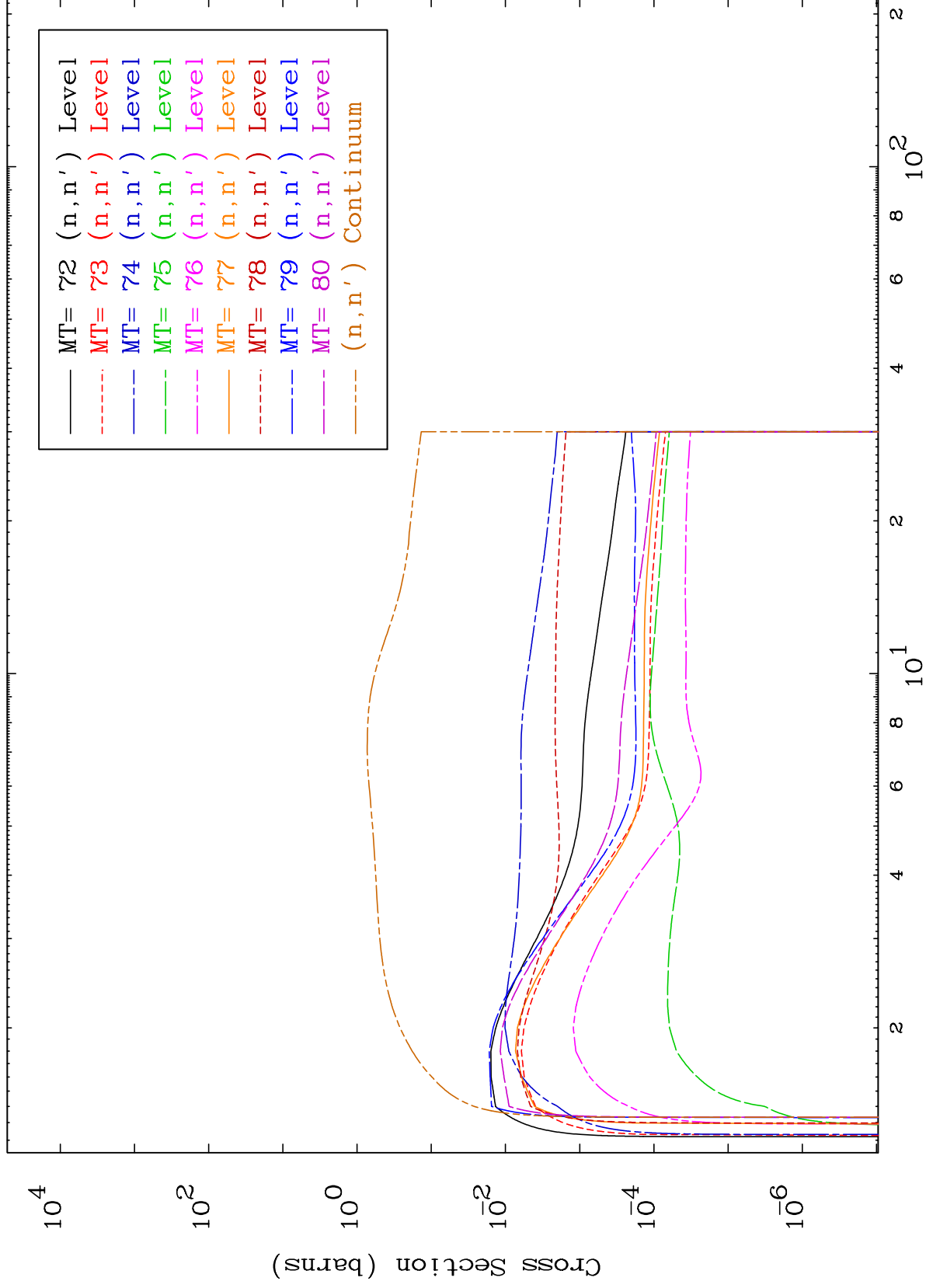
71-Lu-157

MAT 7071

(n,n') Level

293 Kelvin Cross Sections

71-Lu-157



10

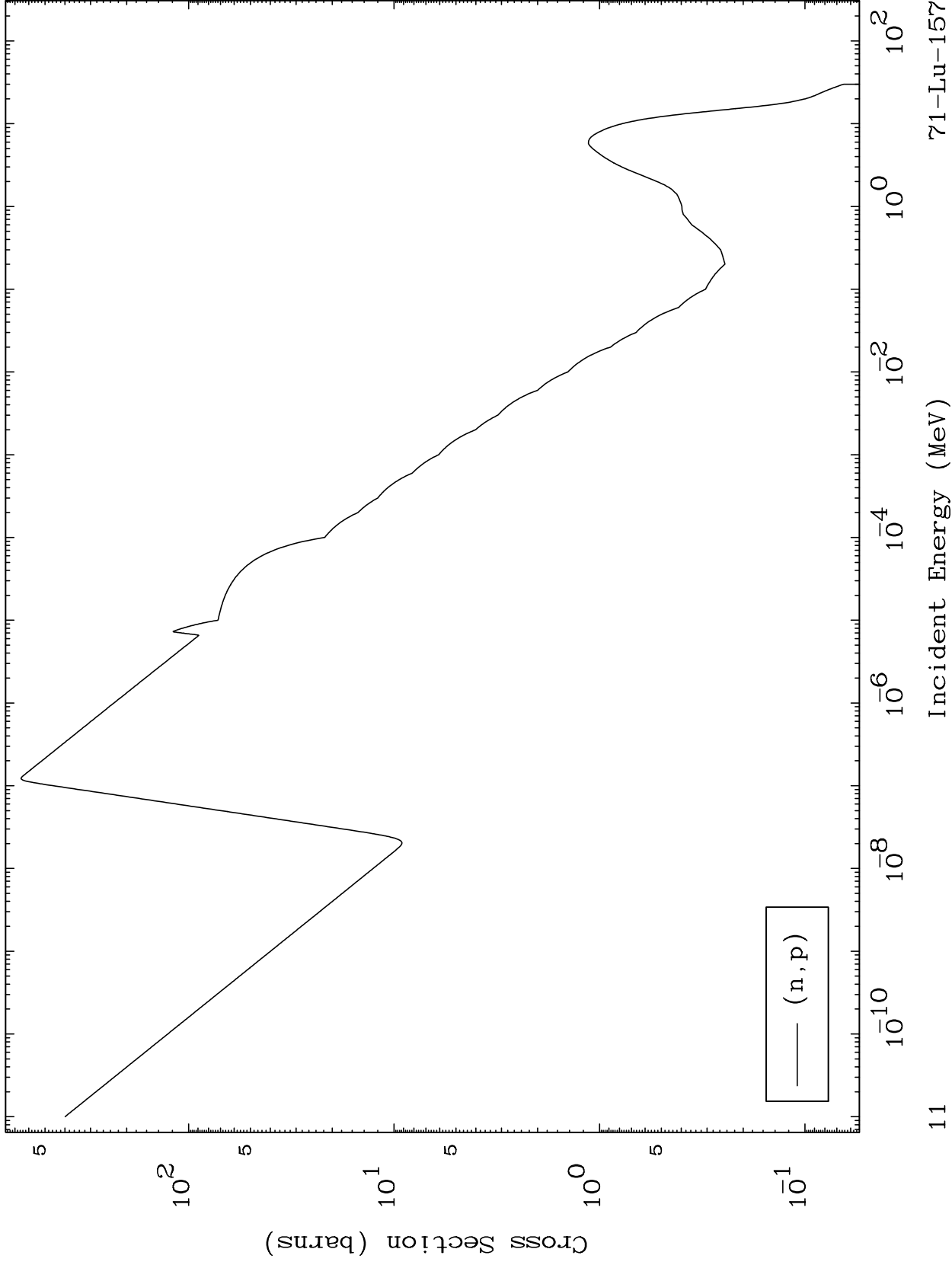
Incident Energy (MeV)

71-Lu-157

MAT 7071

(n,p) Levels
293 Kelvin Cross Sections

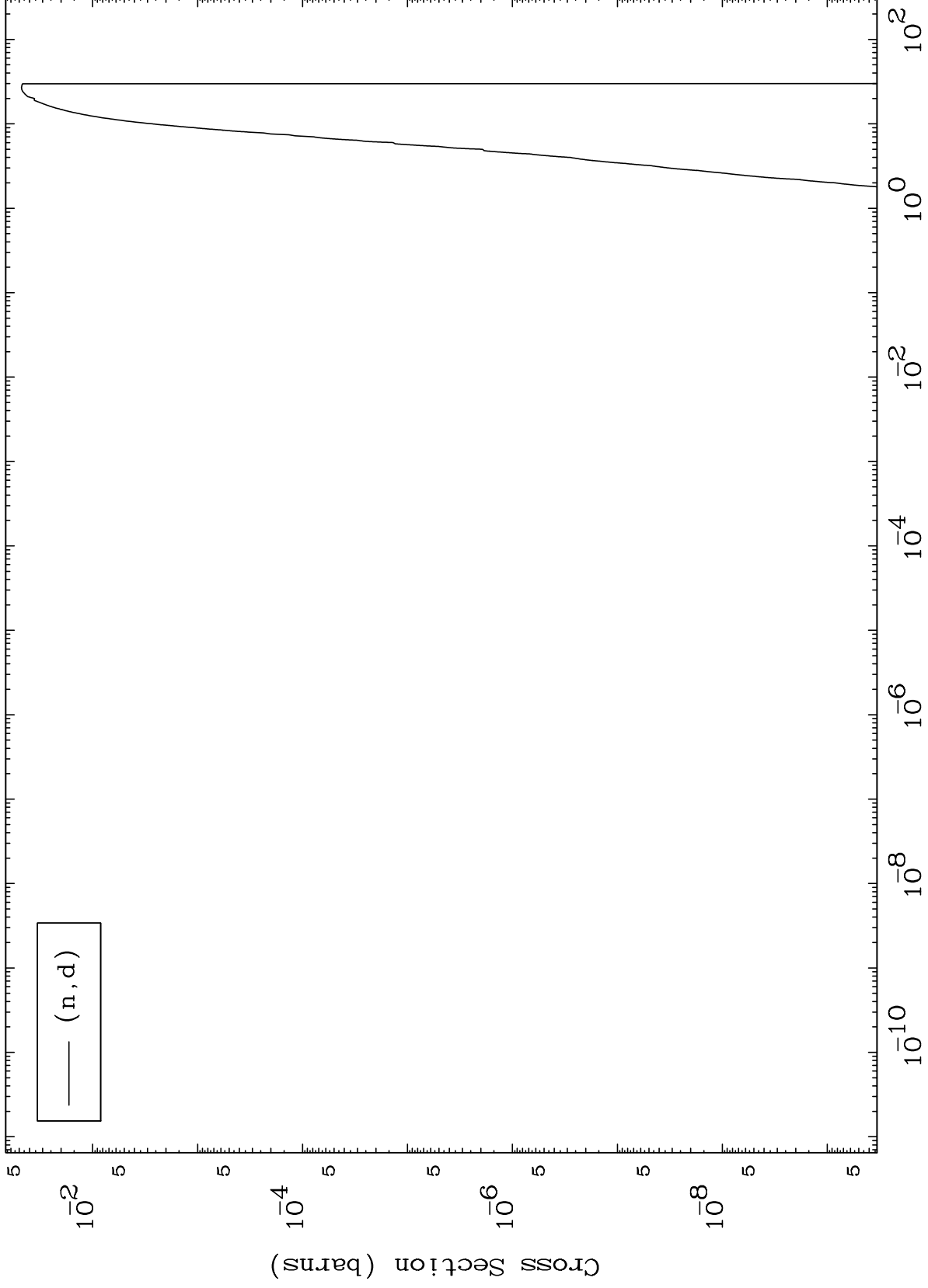
71-Lu-157



MAT 7071

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-157



12

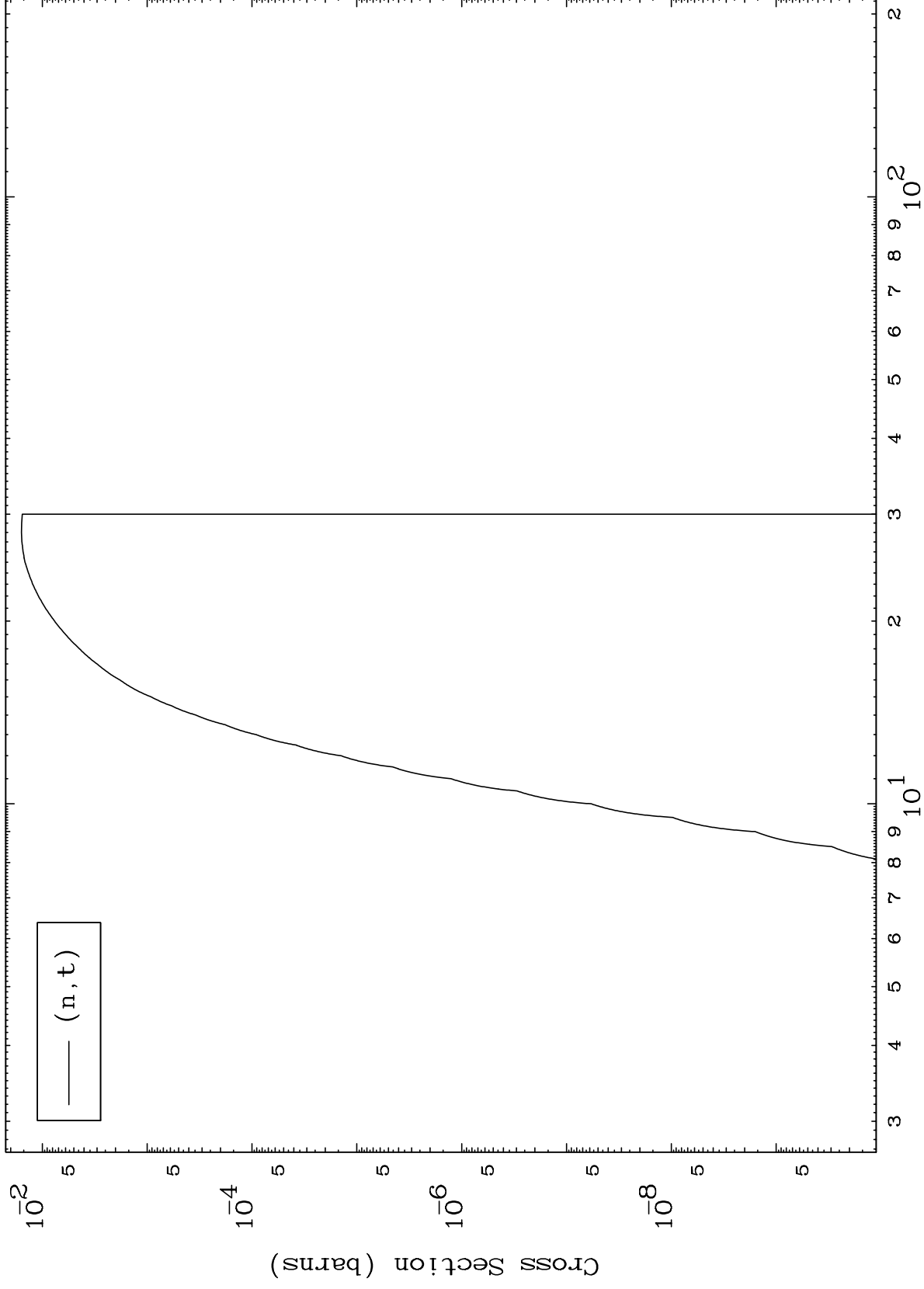
Incident Energy (MeV)

71-Lu-157

MAT 7071

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-157



13

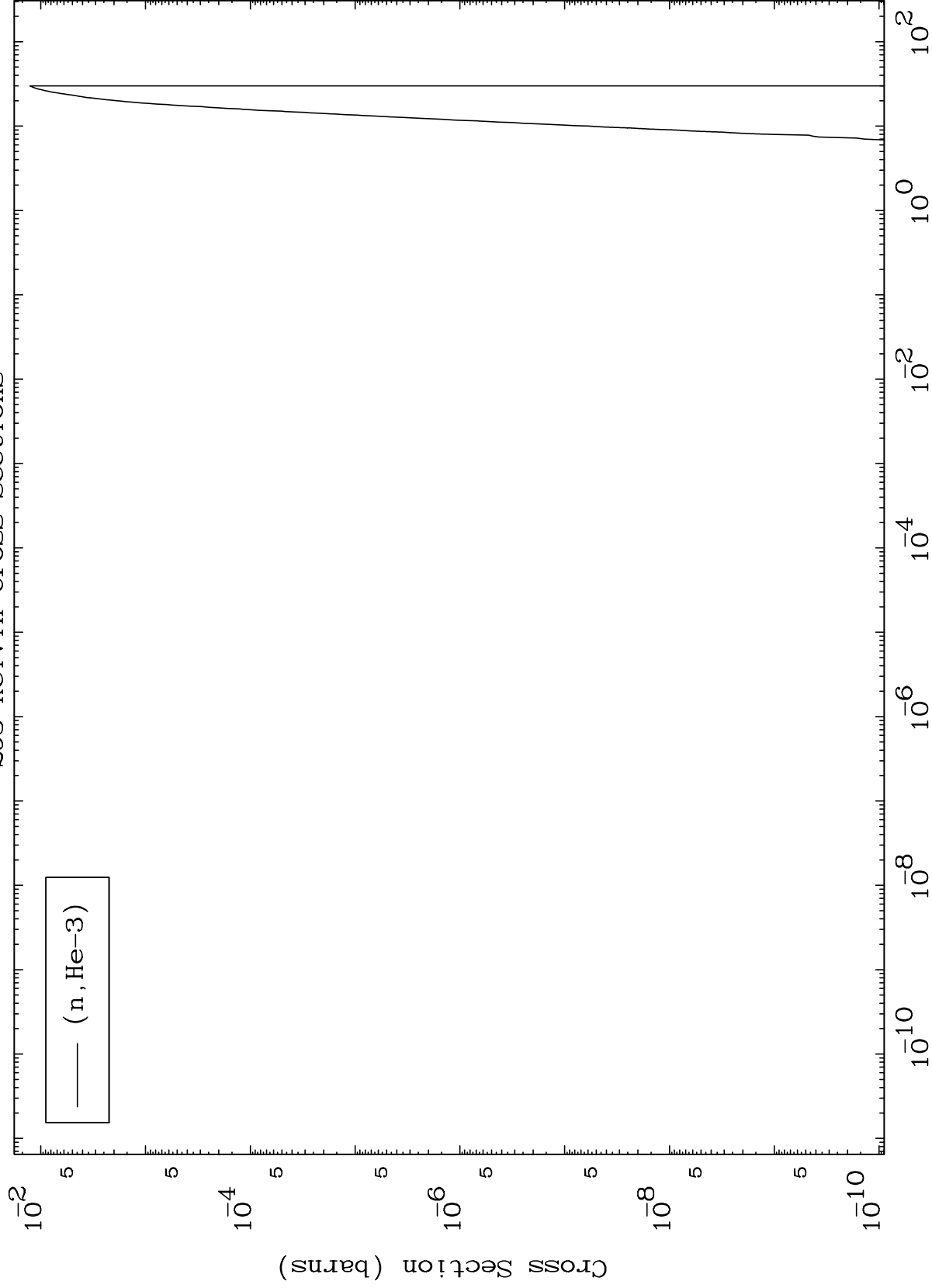
Incident Energy (MeV)

71-Lu-157

MAT 7071

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-157

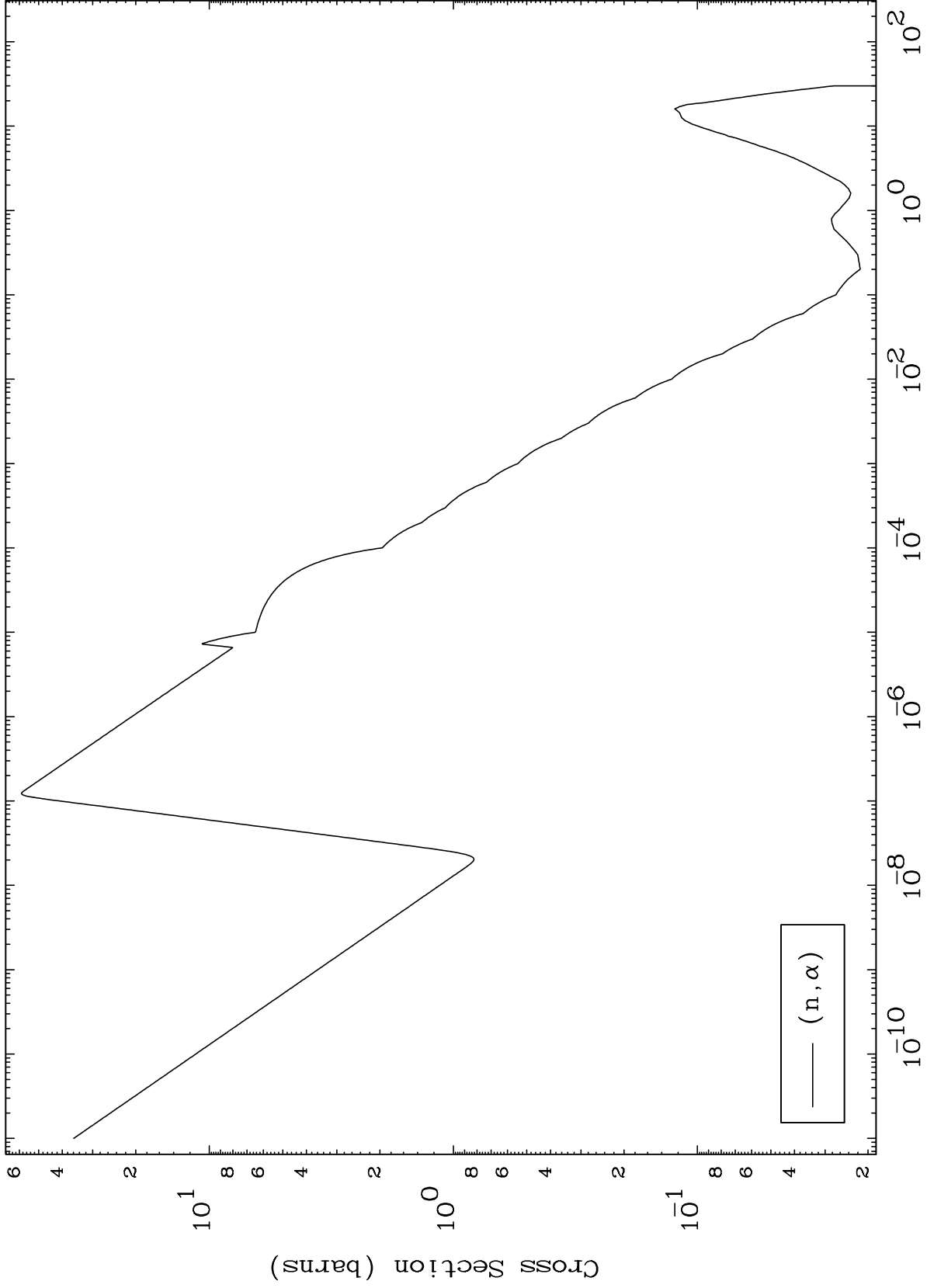


(n, He-3)

MAT 7071

(n,α) Levels
293 Kelvin Cross Sections

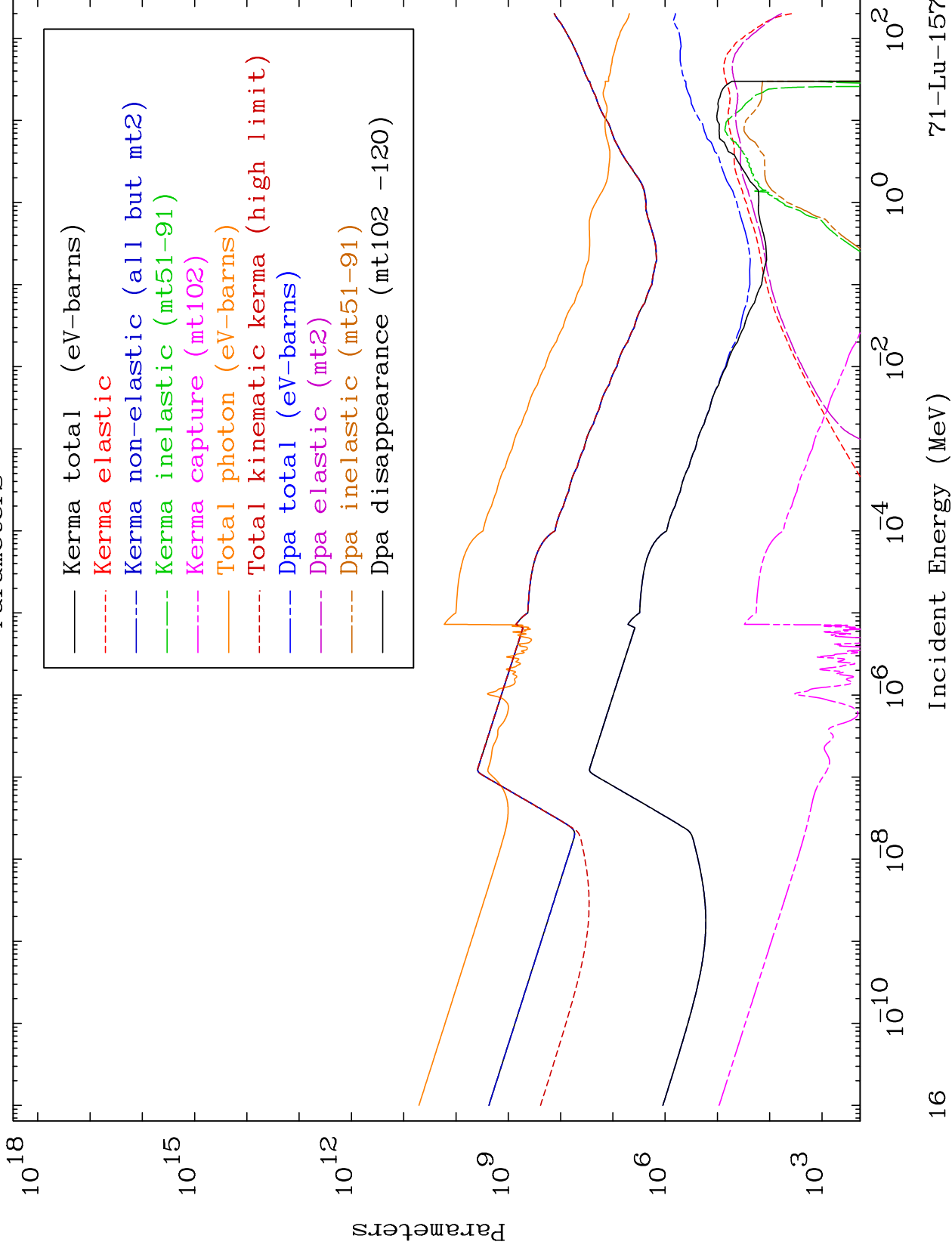
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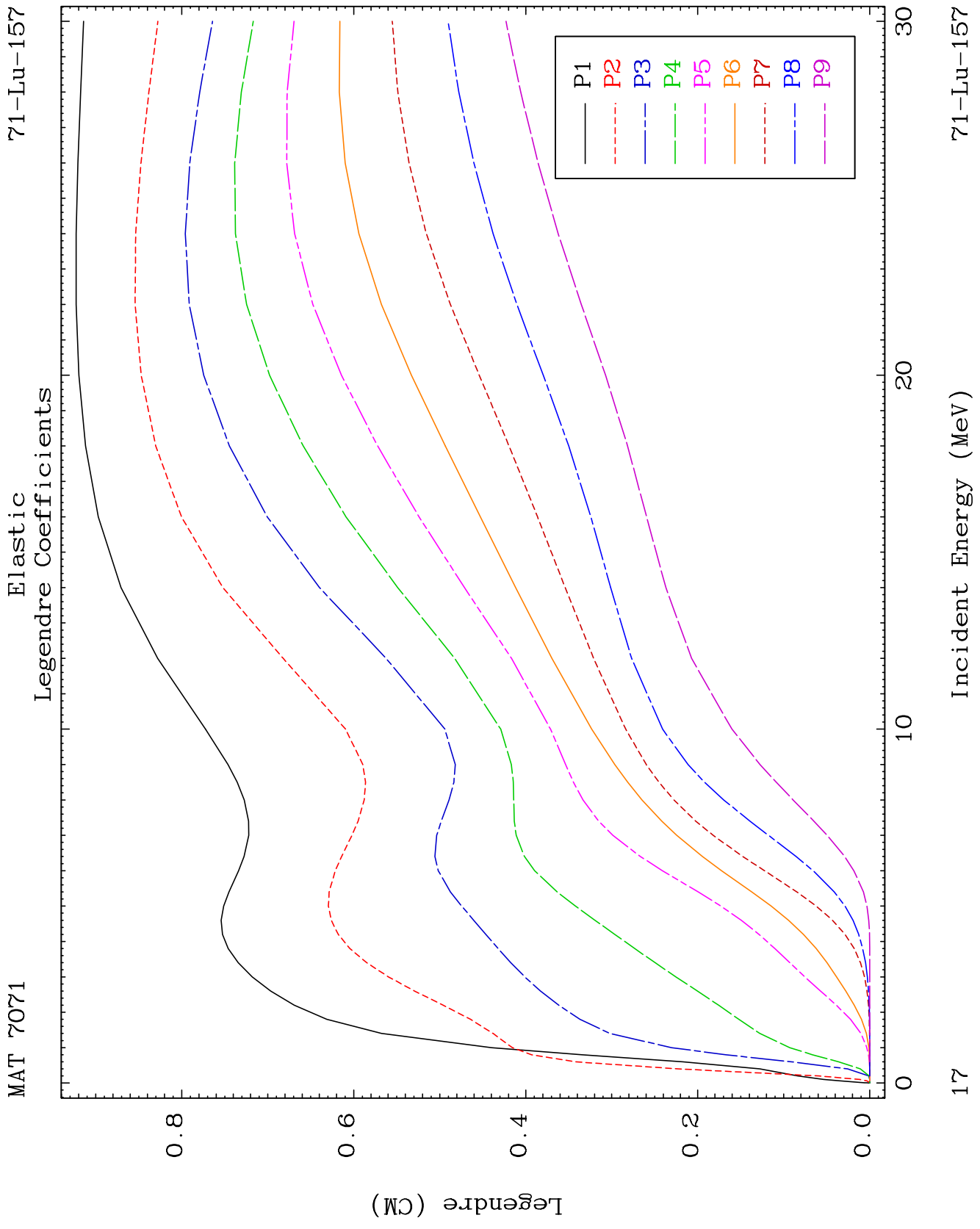


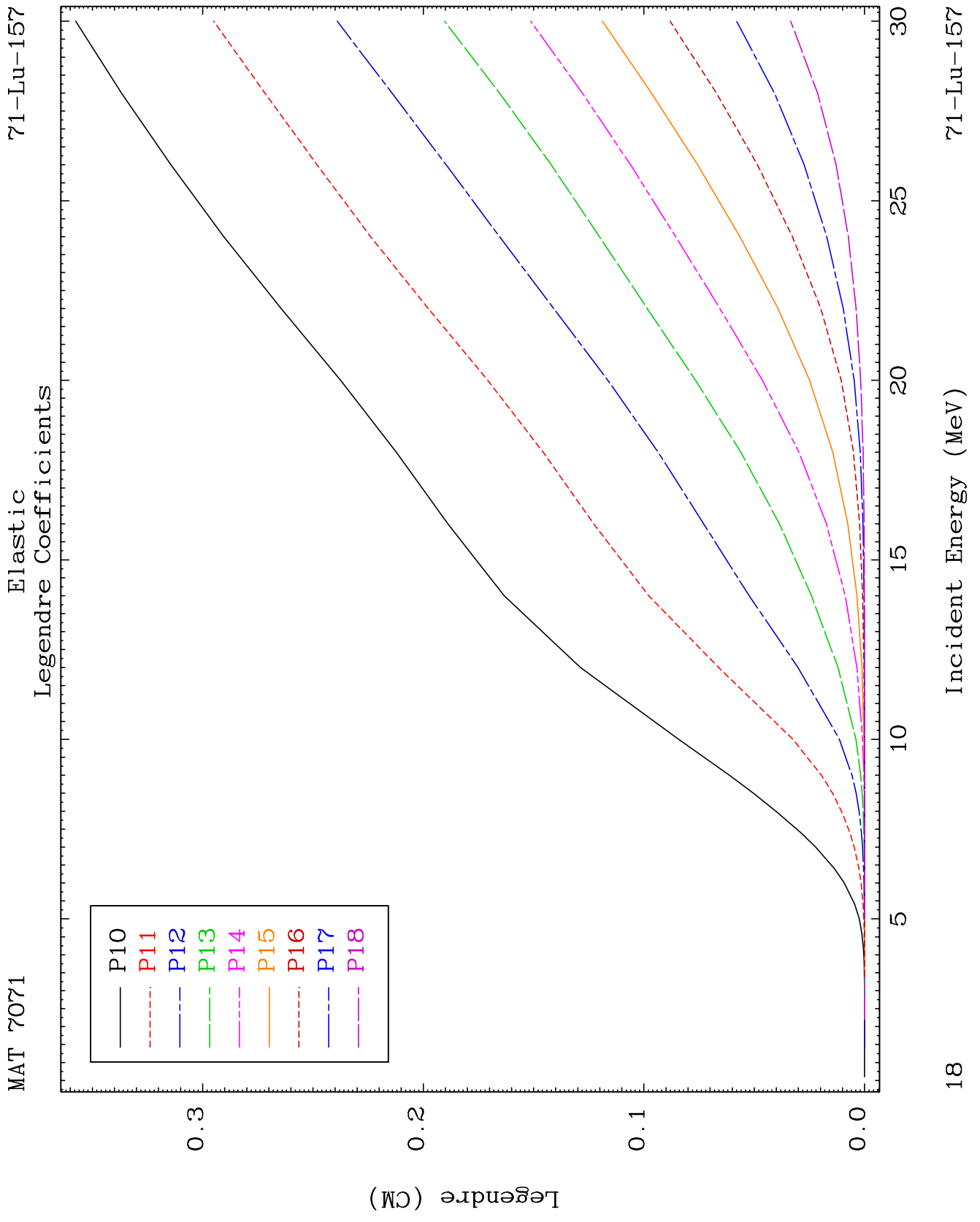
15

Incident Energy (MeV)

71-Lu-157



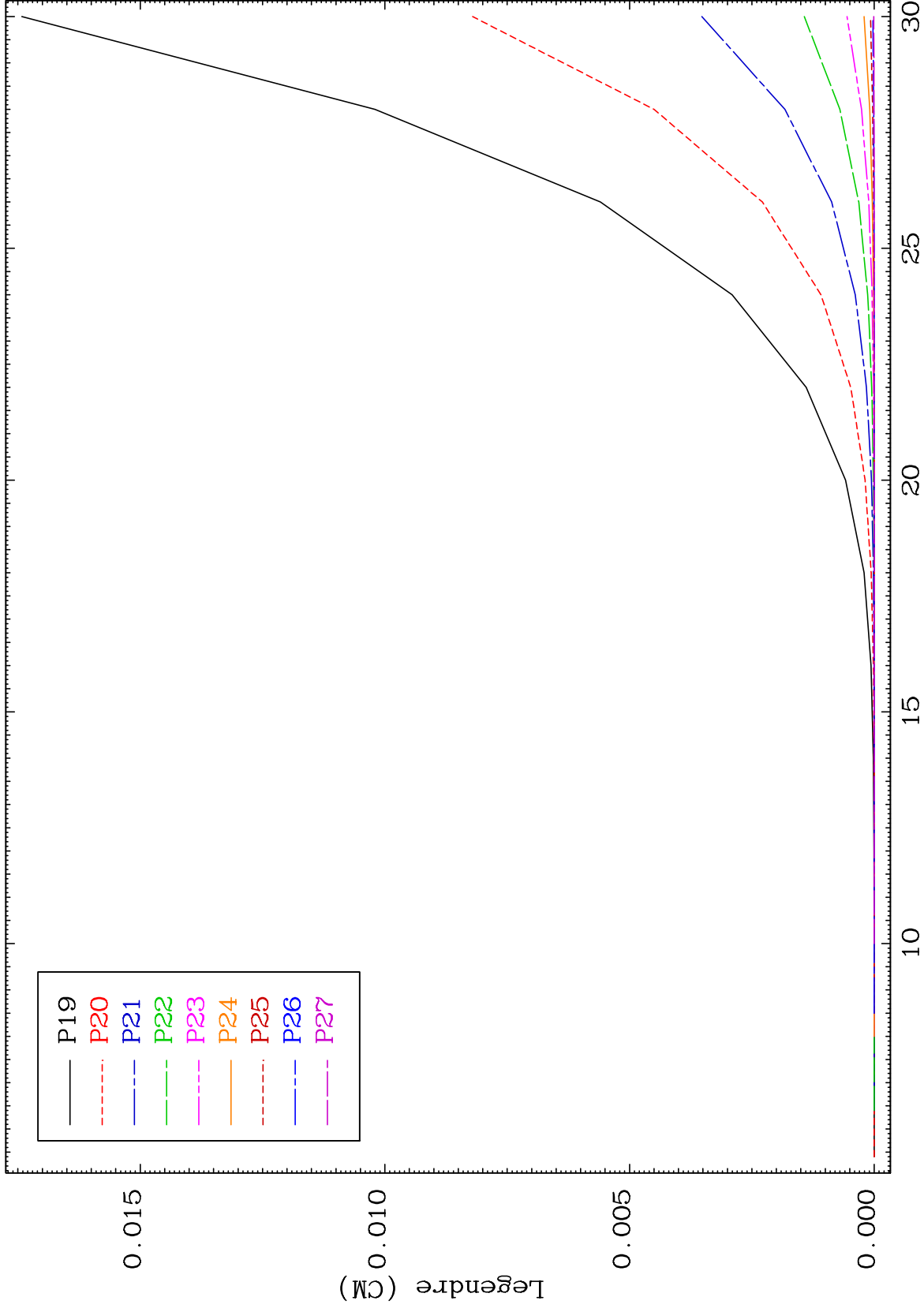




MAT 7071

Elastic Legendre Coefficients

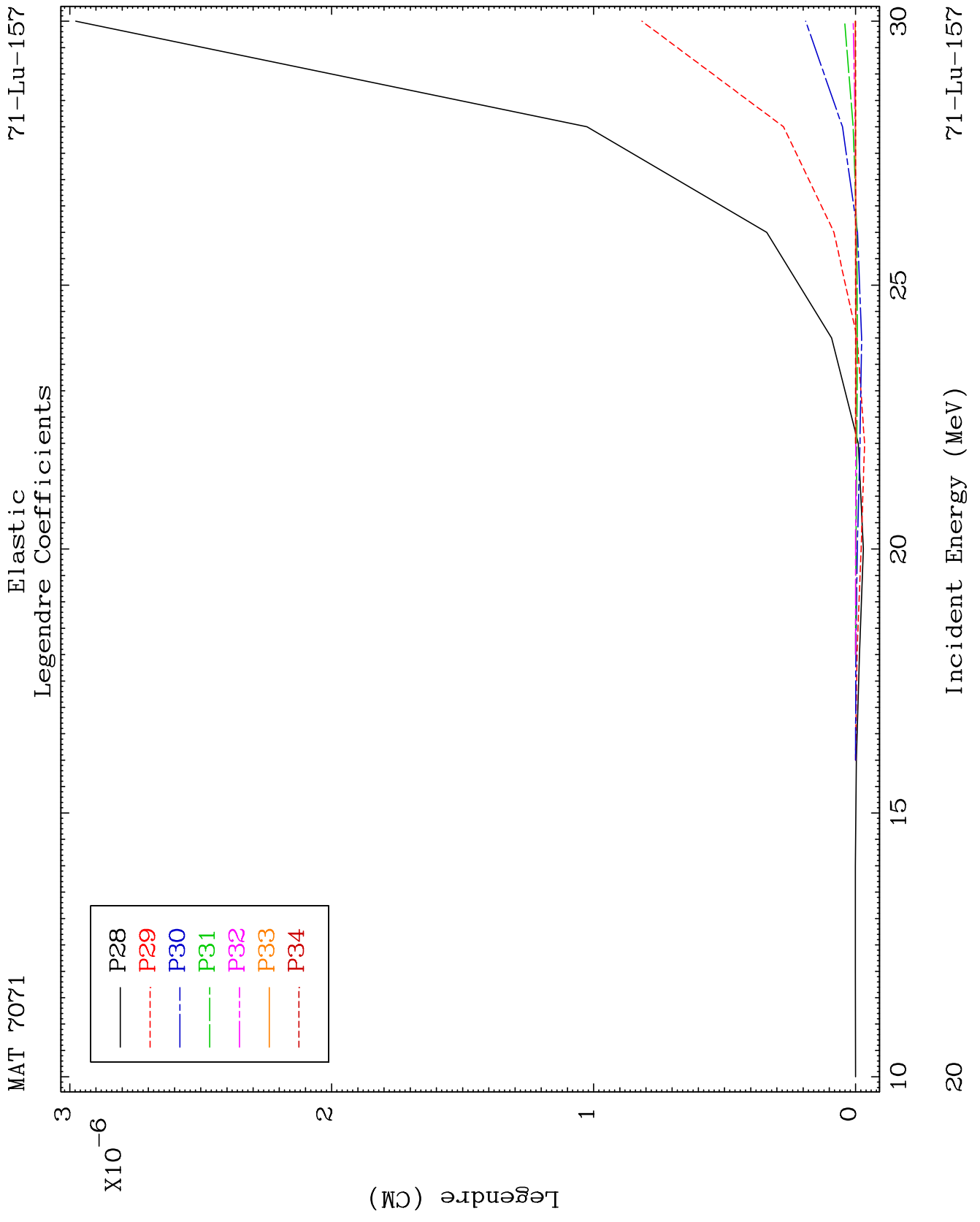
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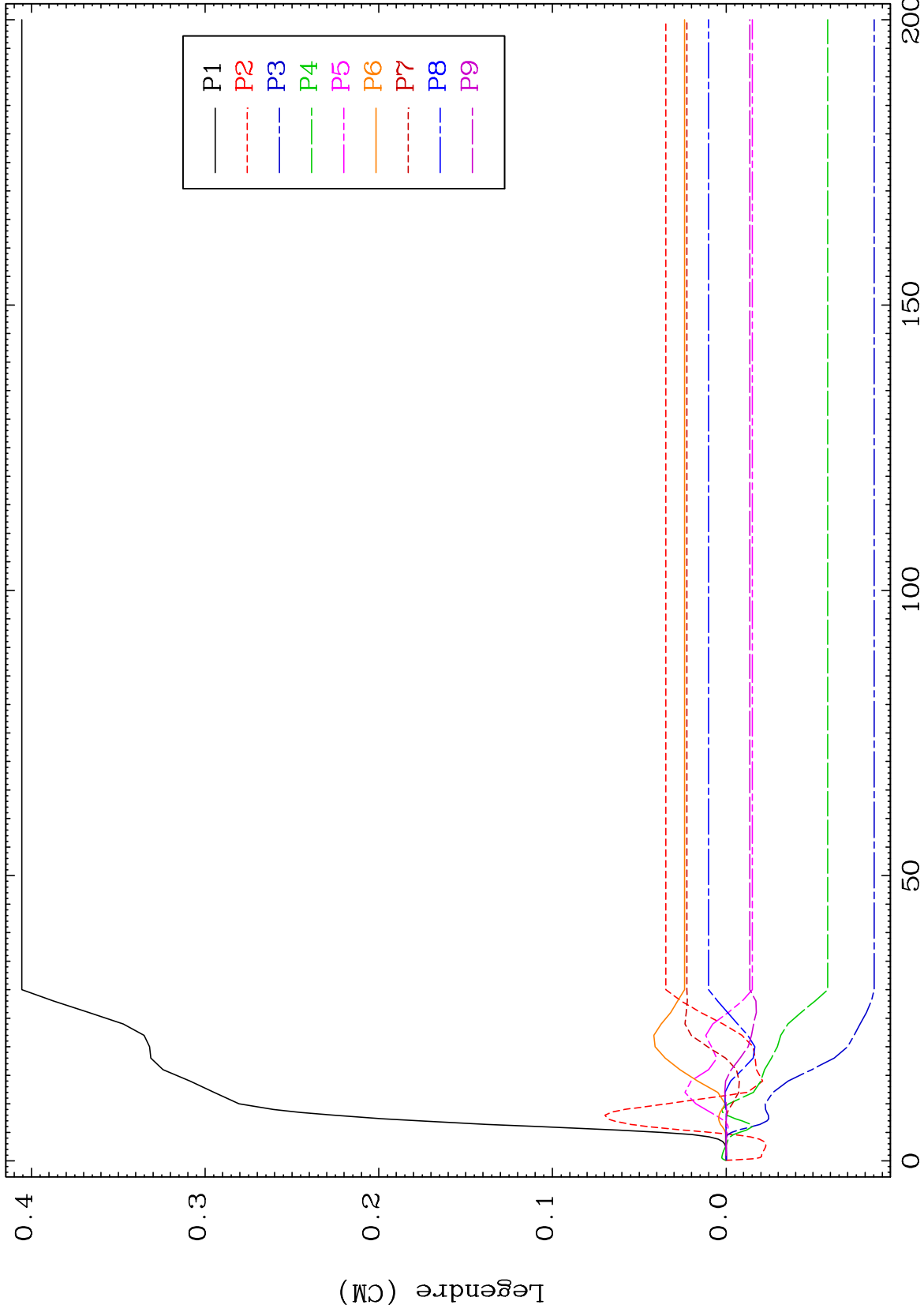


19

Incident Energy (MeV)

71-Lu-157

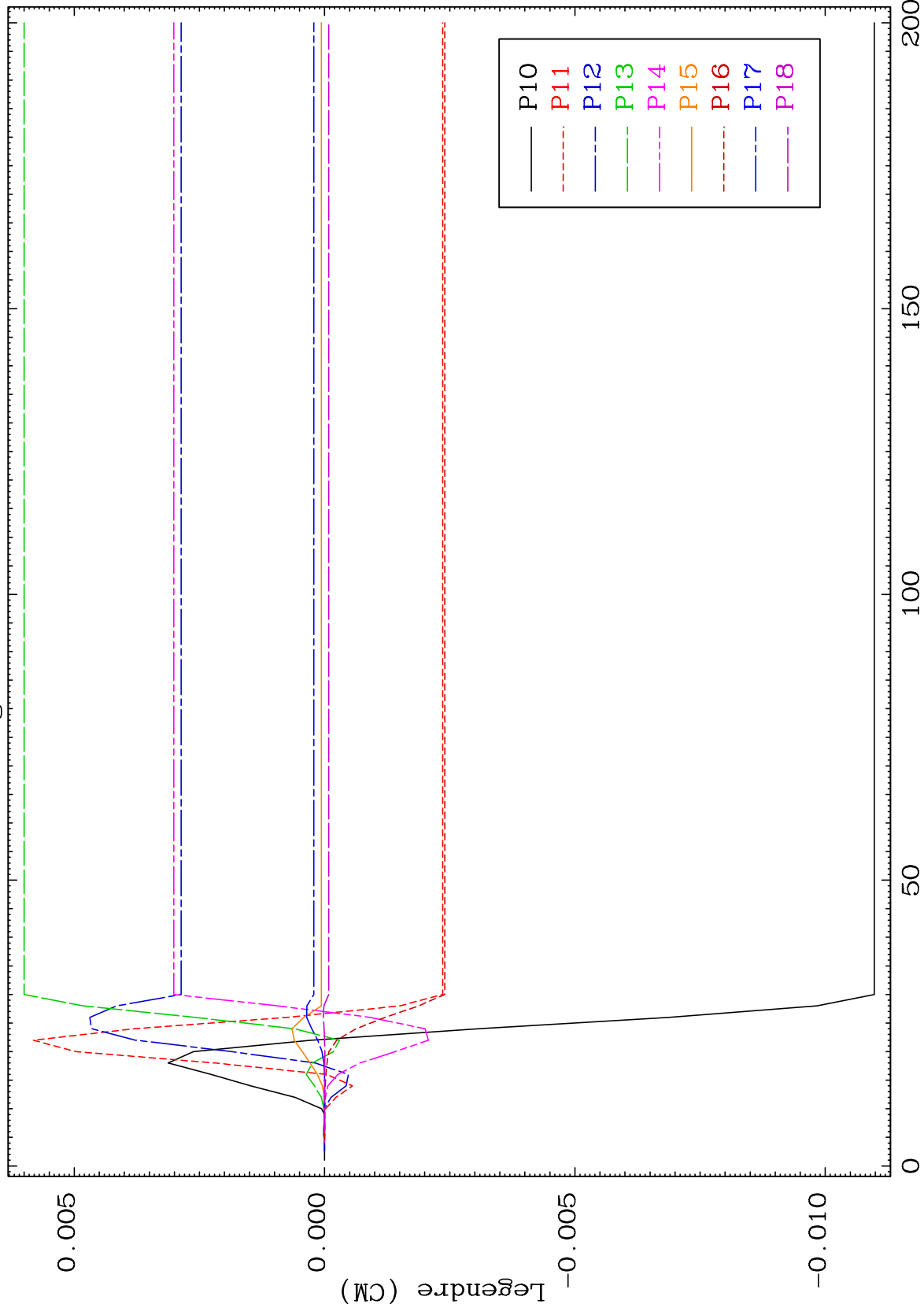




MAT 7071

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

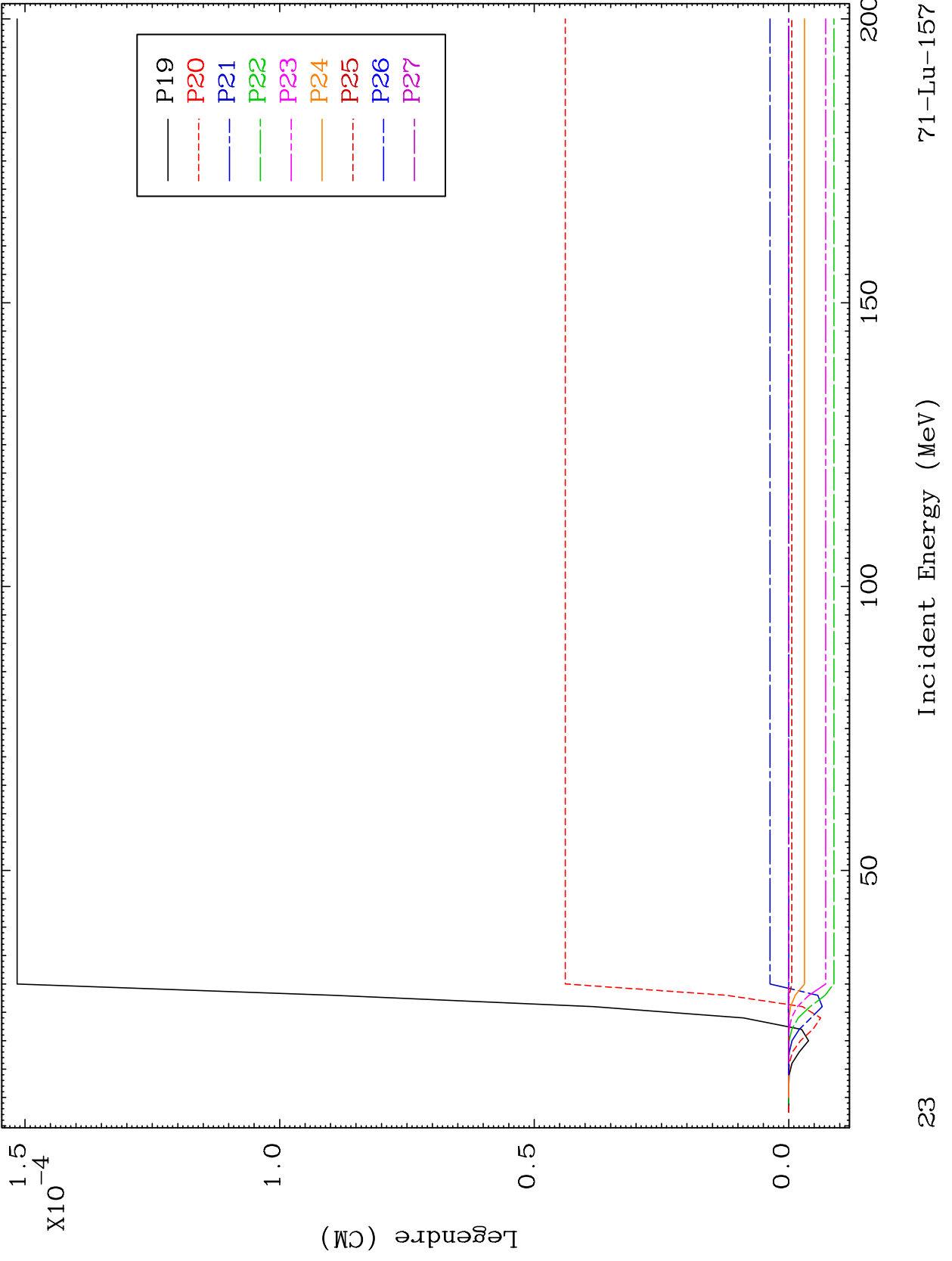
71-Lu-157

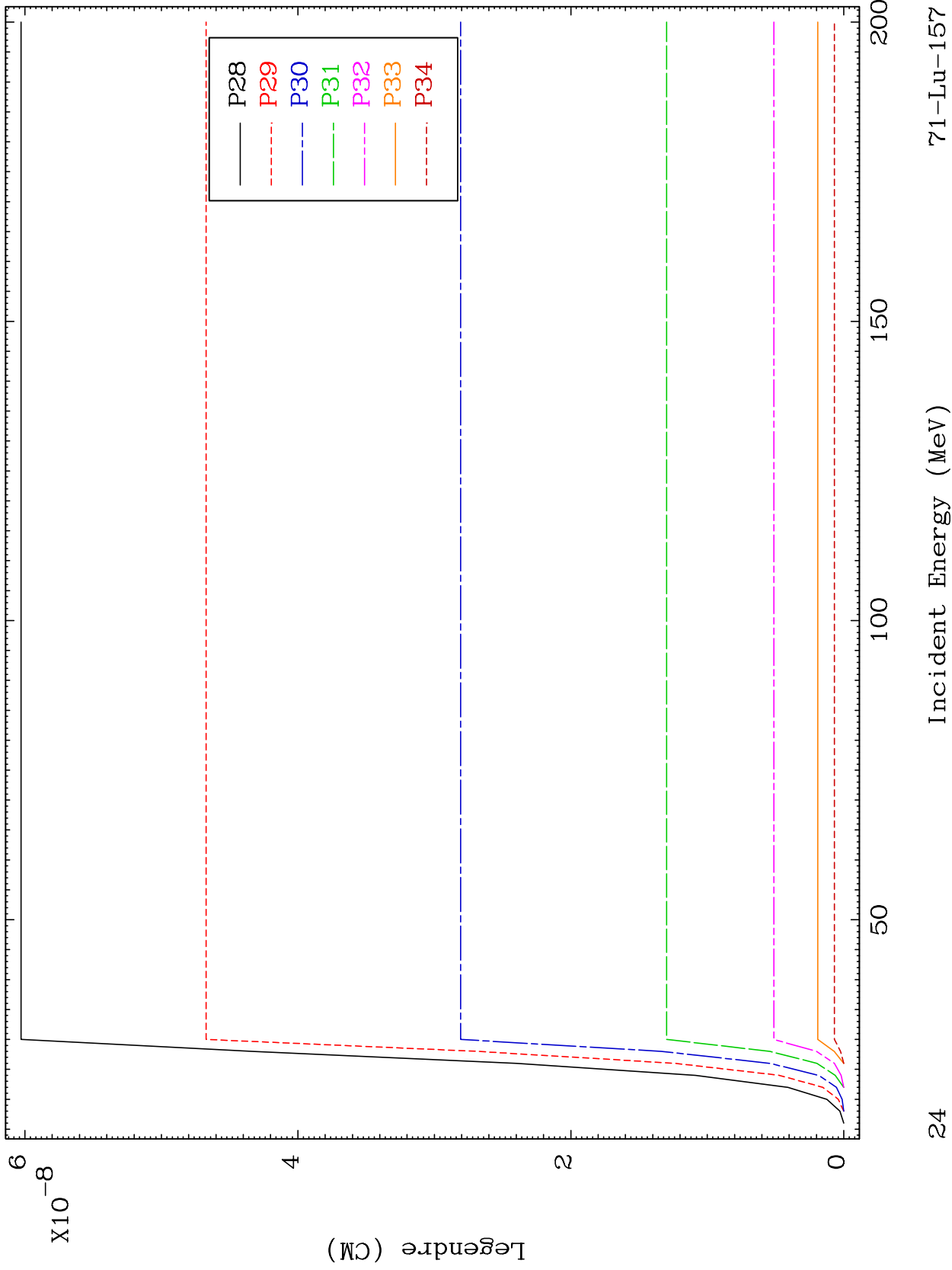


22

Incident Energy (MeV)

71-Lu-157

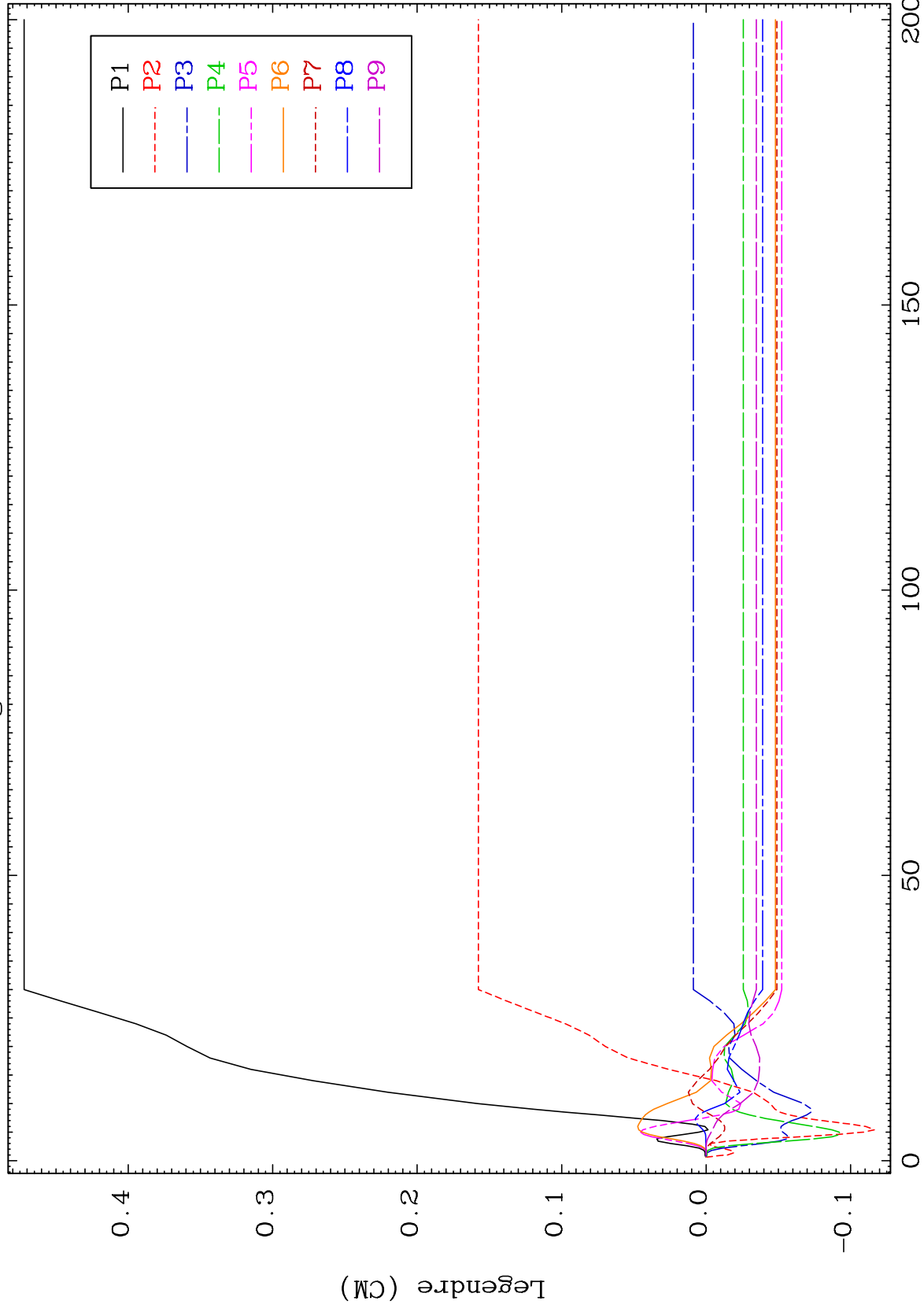




MAT 7071

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

71-Lu-157



Incident Energy (MeV)

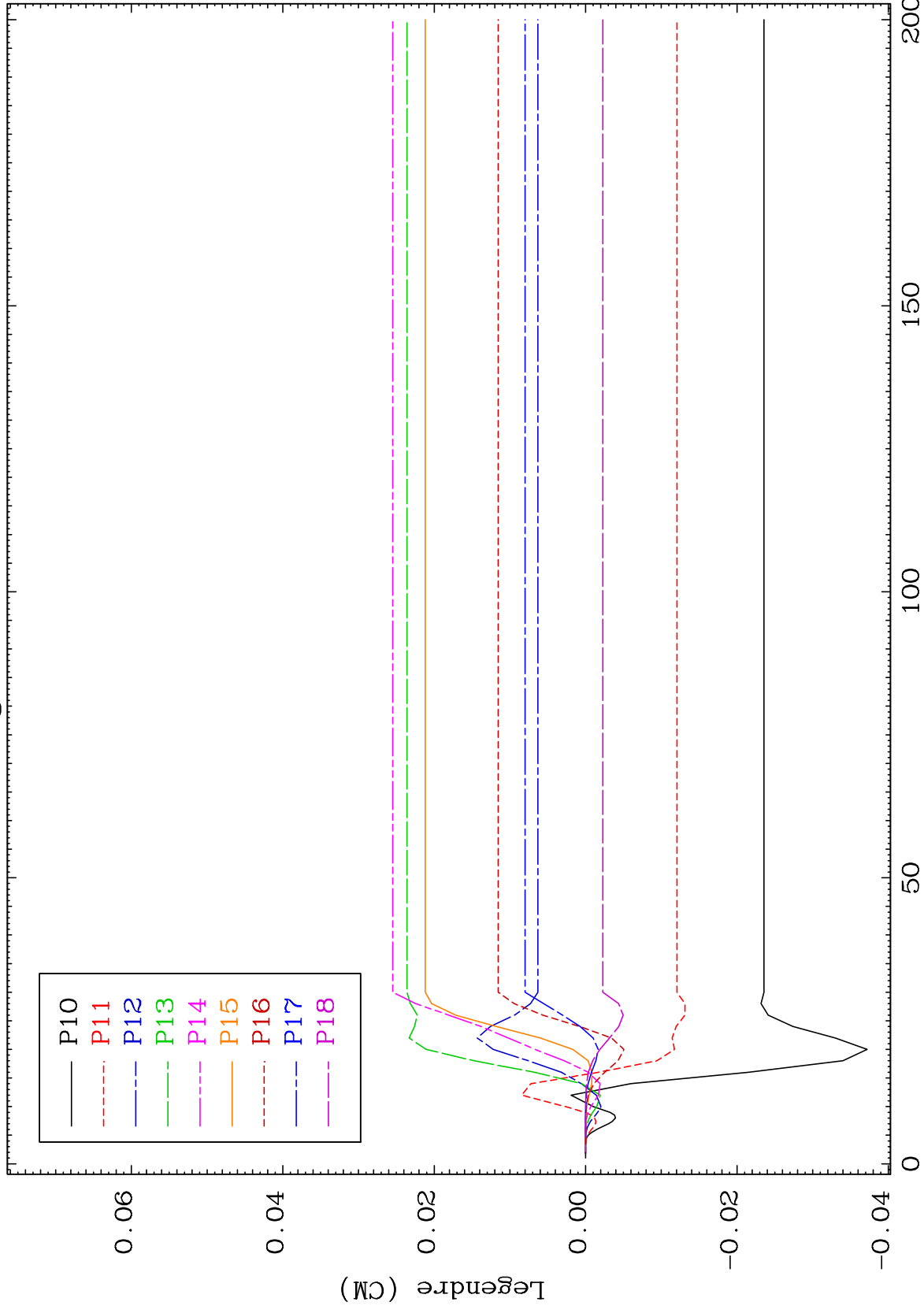
71-Lu-157

25

MAT 7071

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

71-Lu-157



26

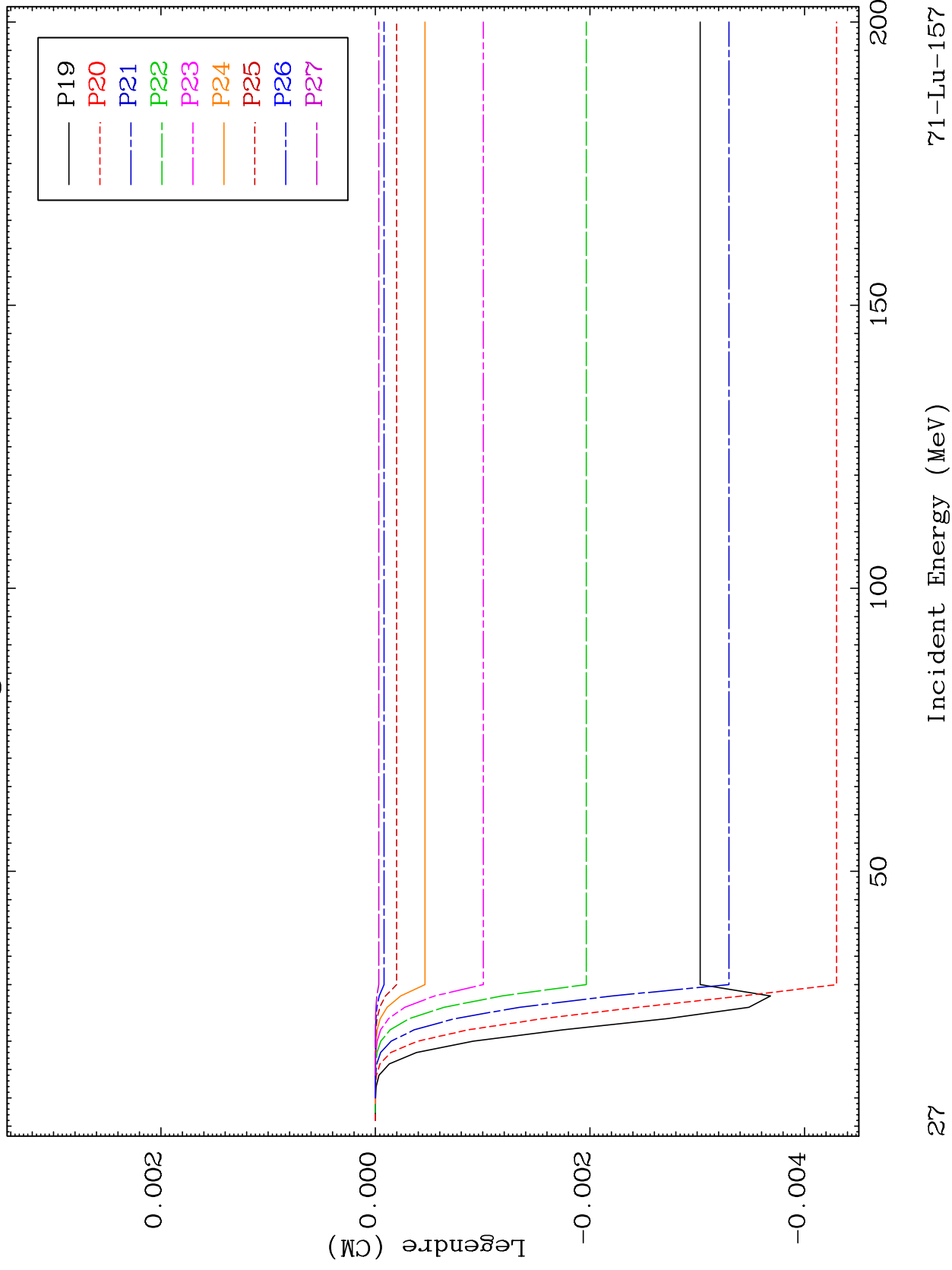
Incident Energy (MeV)

71-Lu-157

MAT 7071

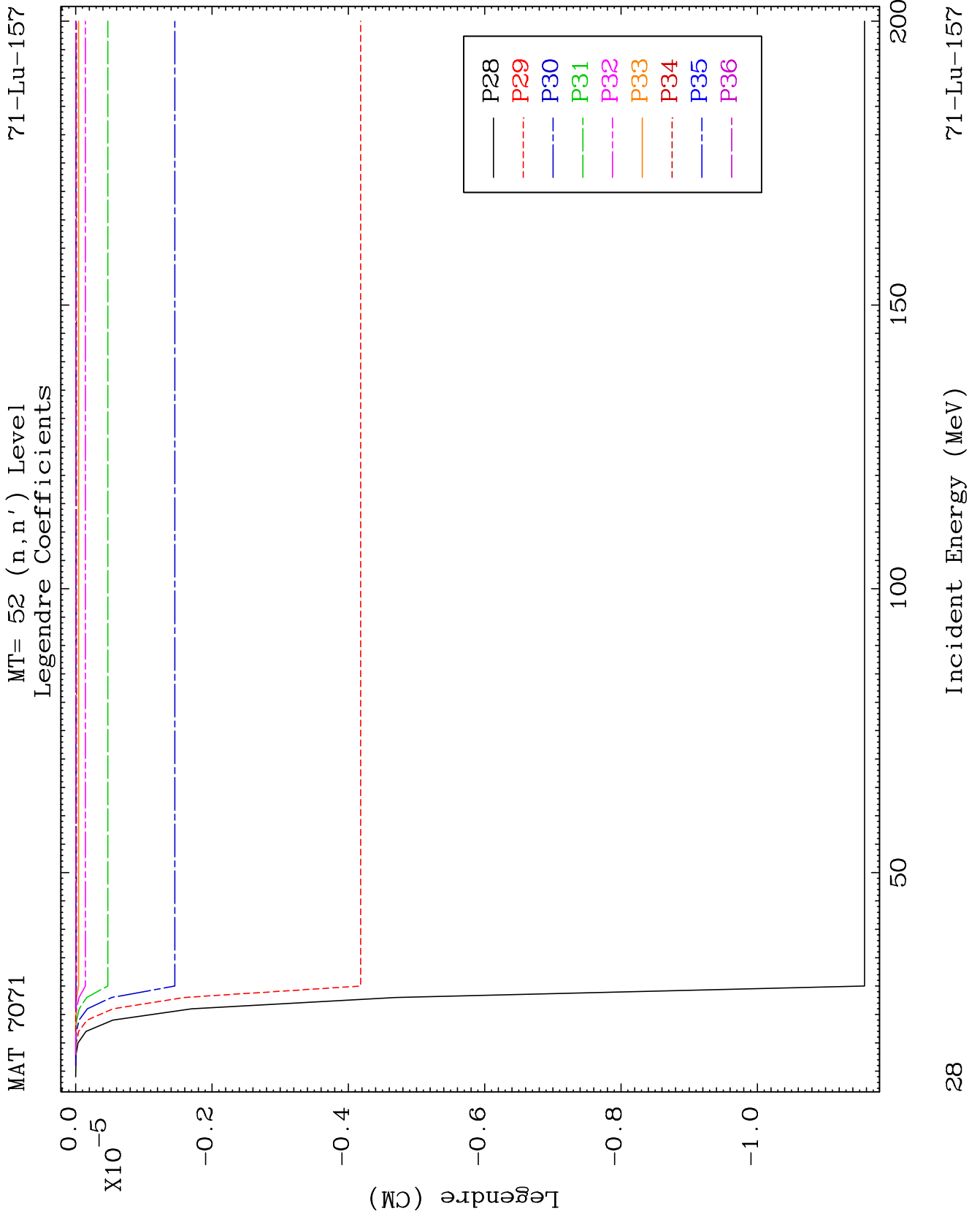
MT= 52 (n,n') Level
Legendre Coefficients

71-Lu-157



27

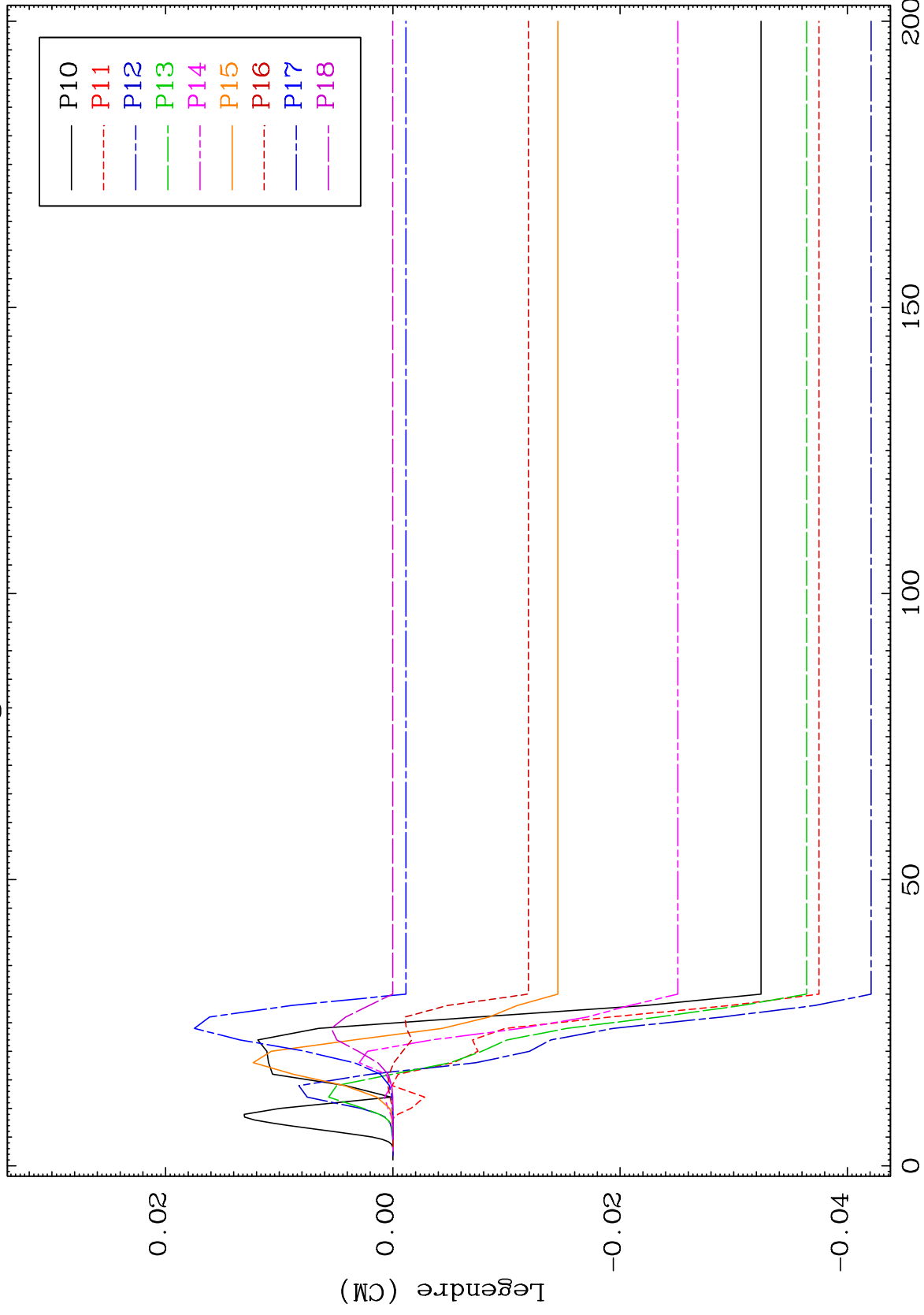
71-Lu-157



MAT 7071

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

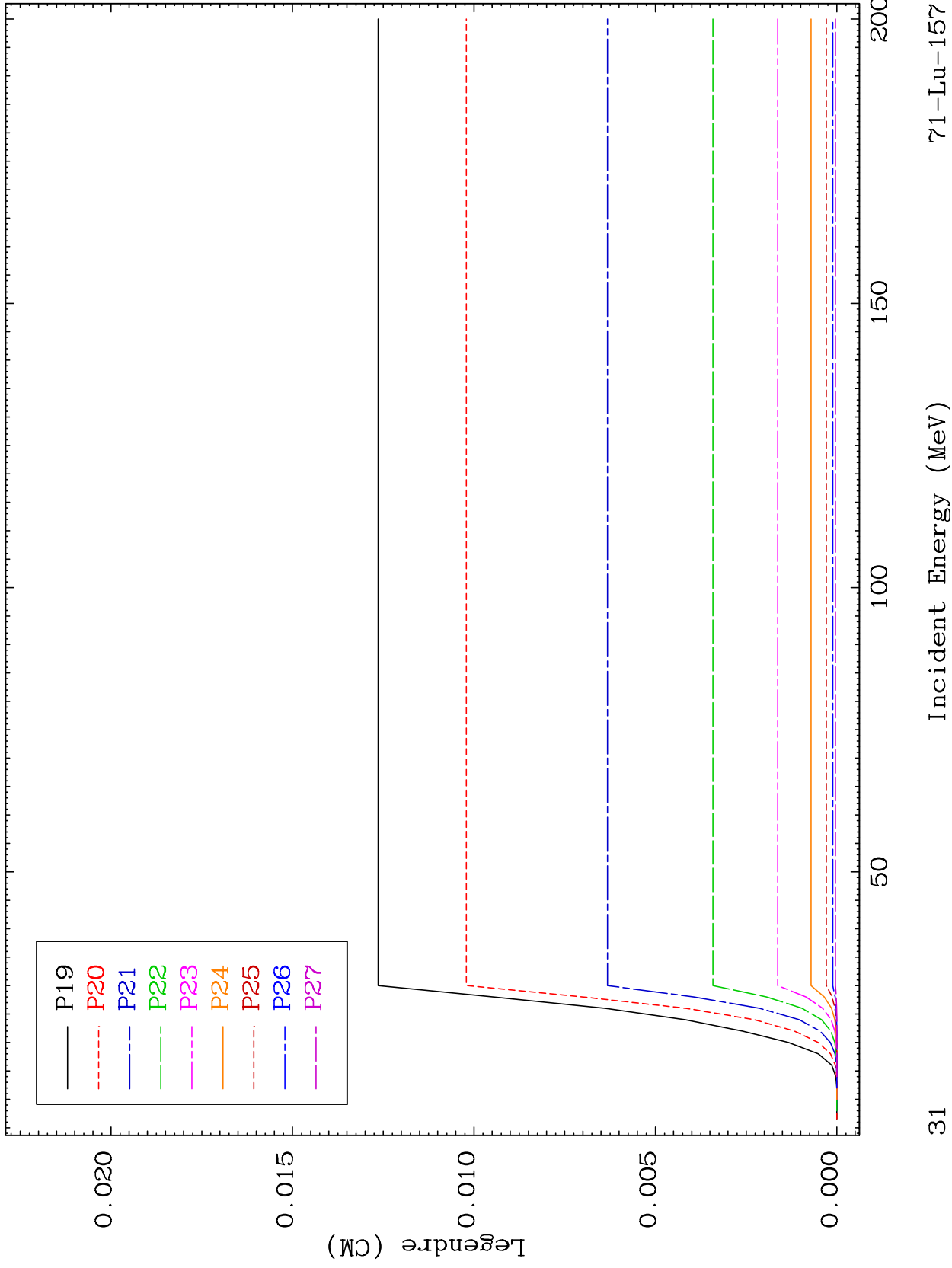
71-Lu-157



71-Lu-157

Incident Energy (MeV)

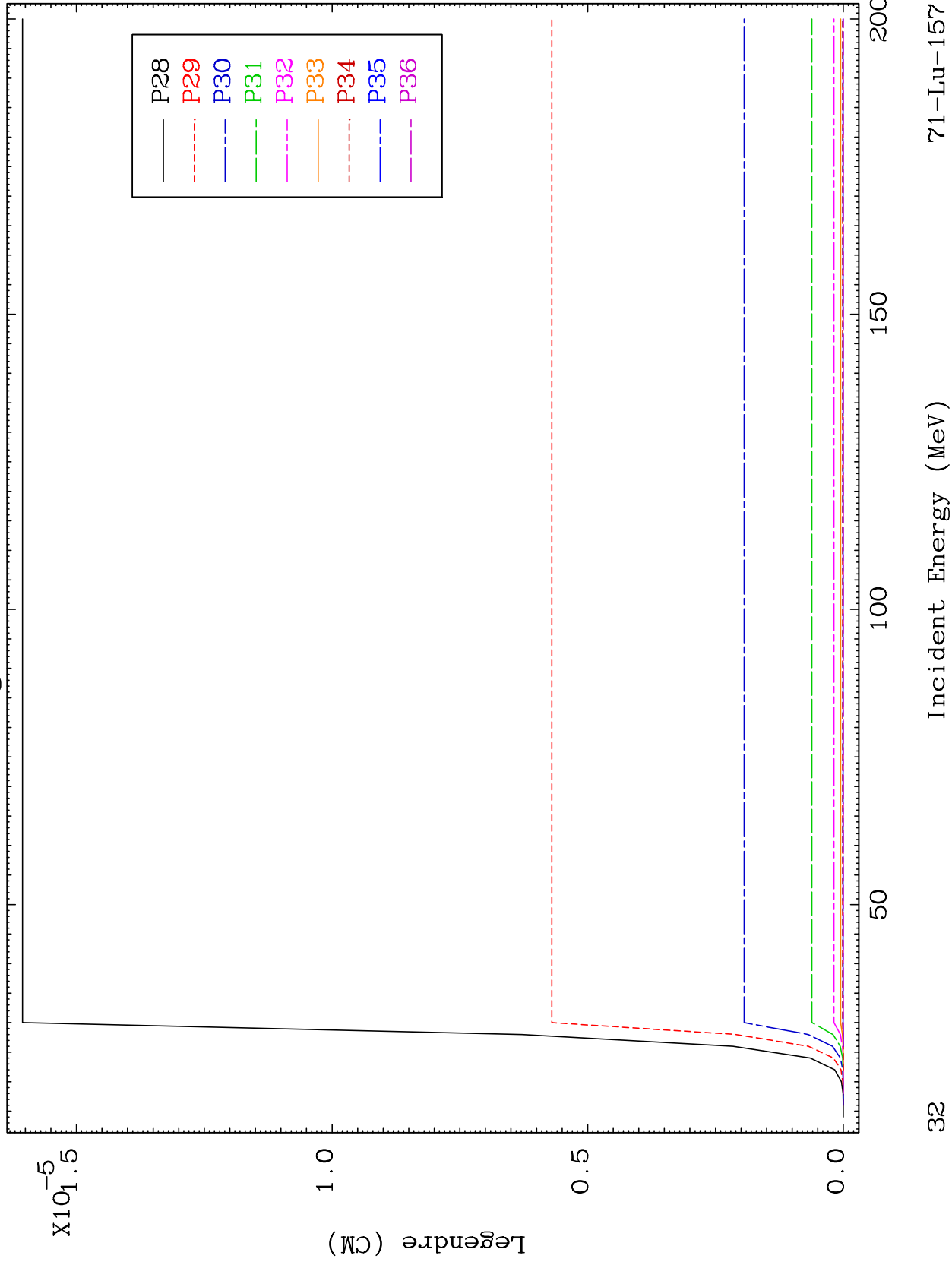
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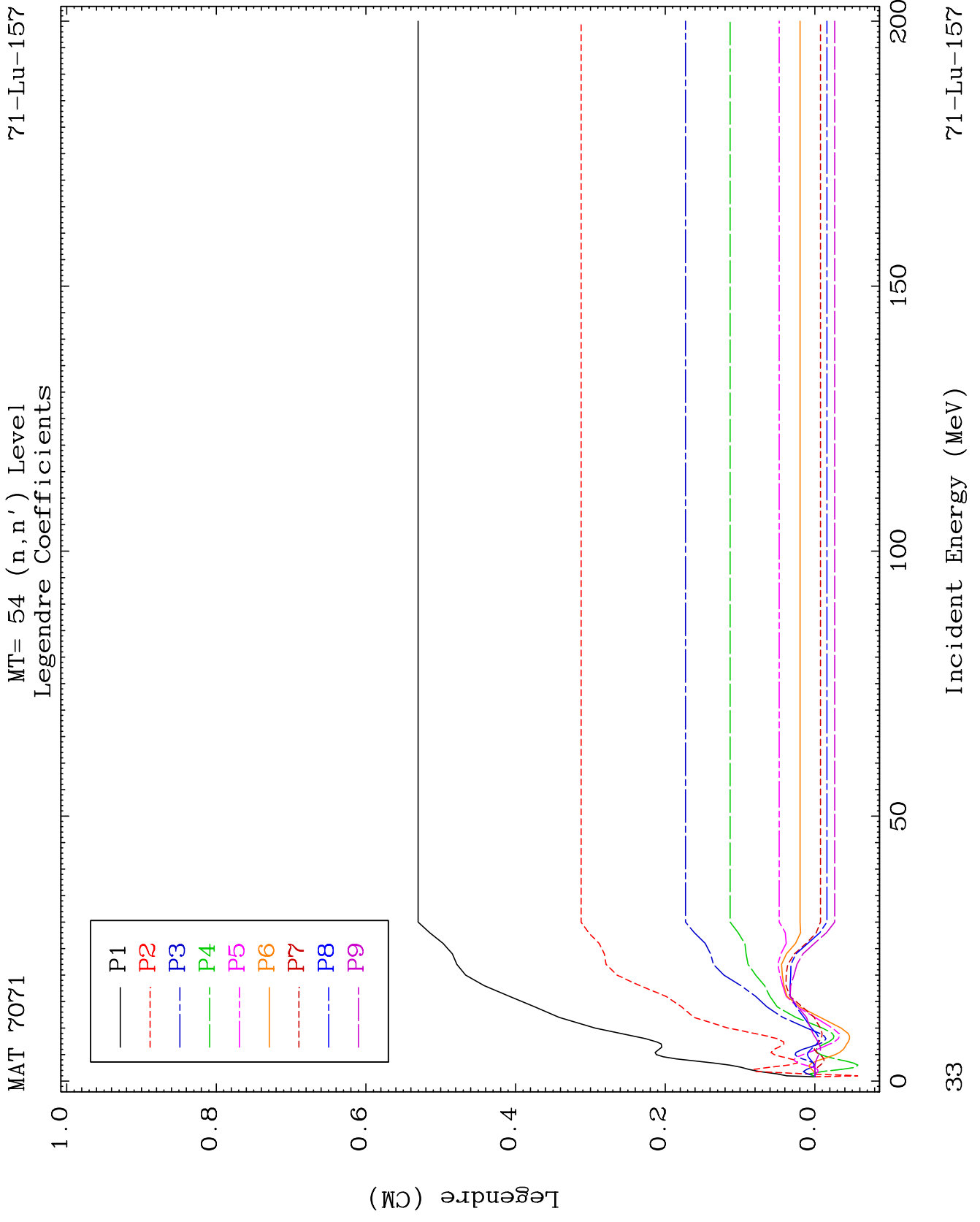


MAT 7071

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

71-Lu-157

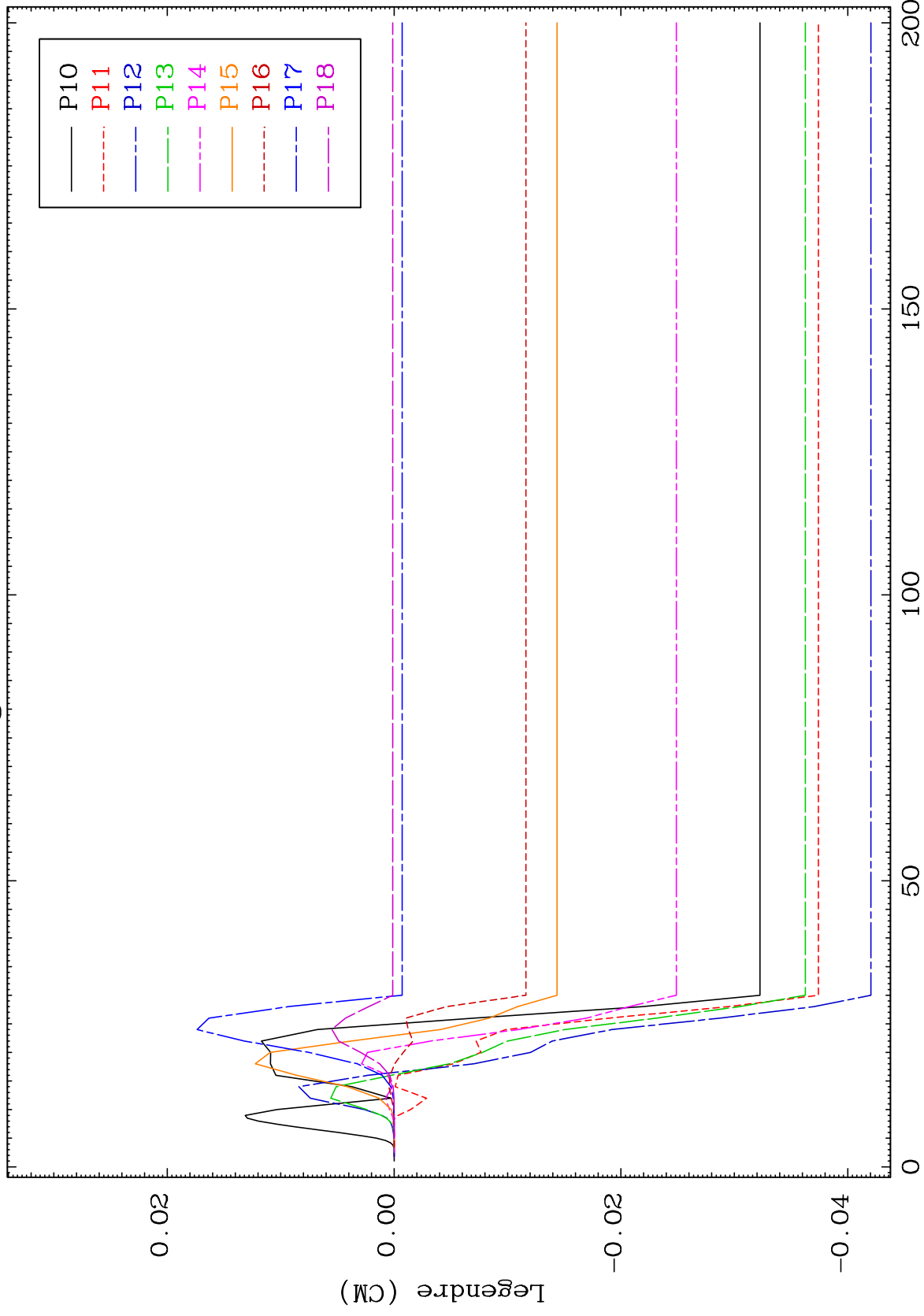




MAT 7071

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

71-Lu-157



34

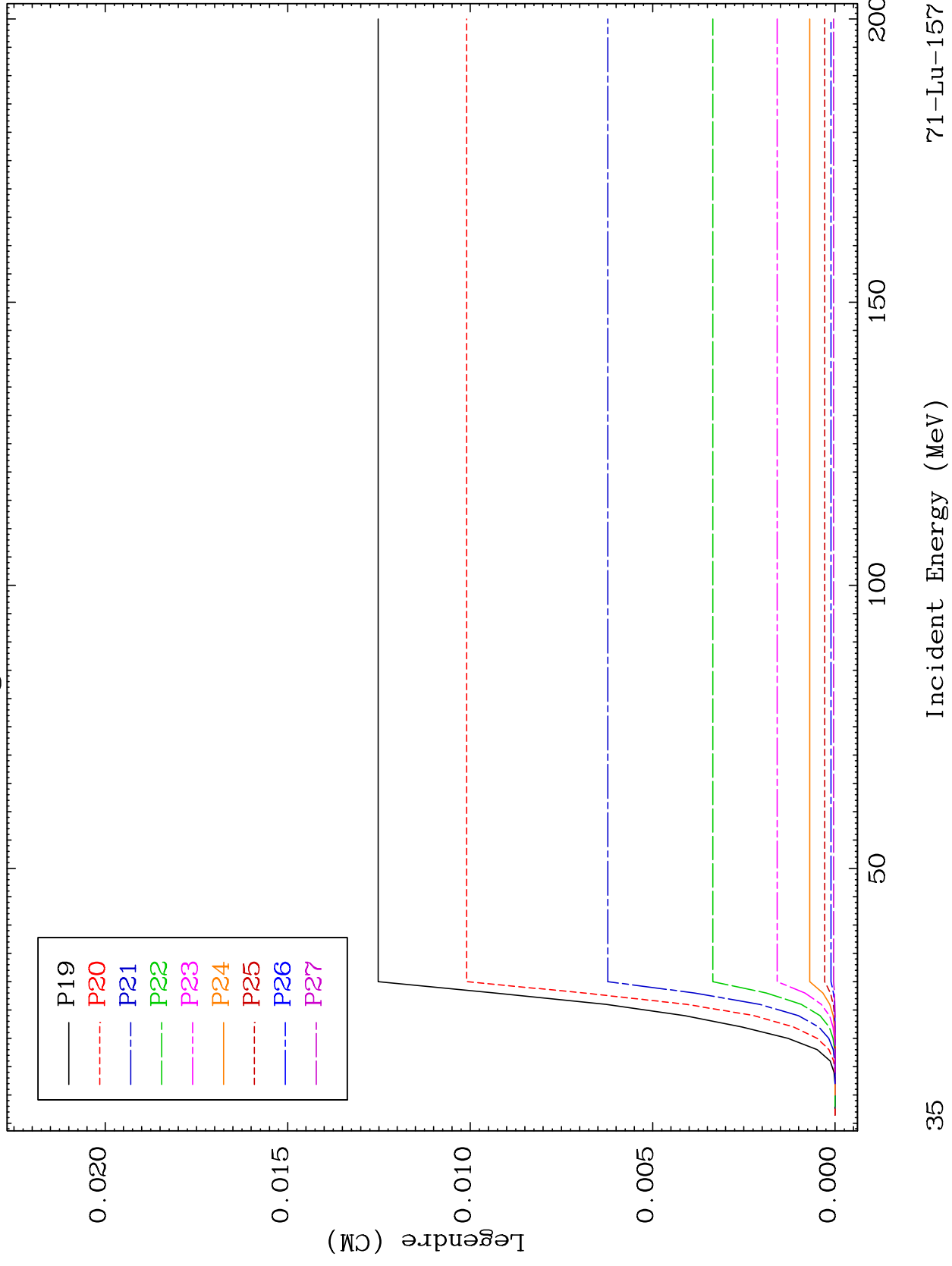
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

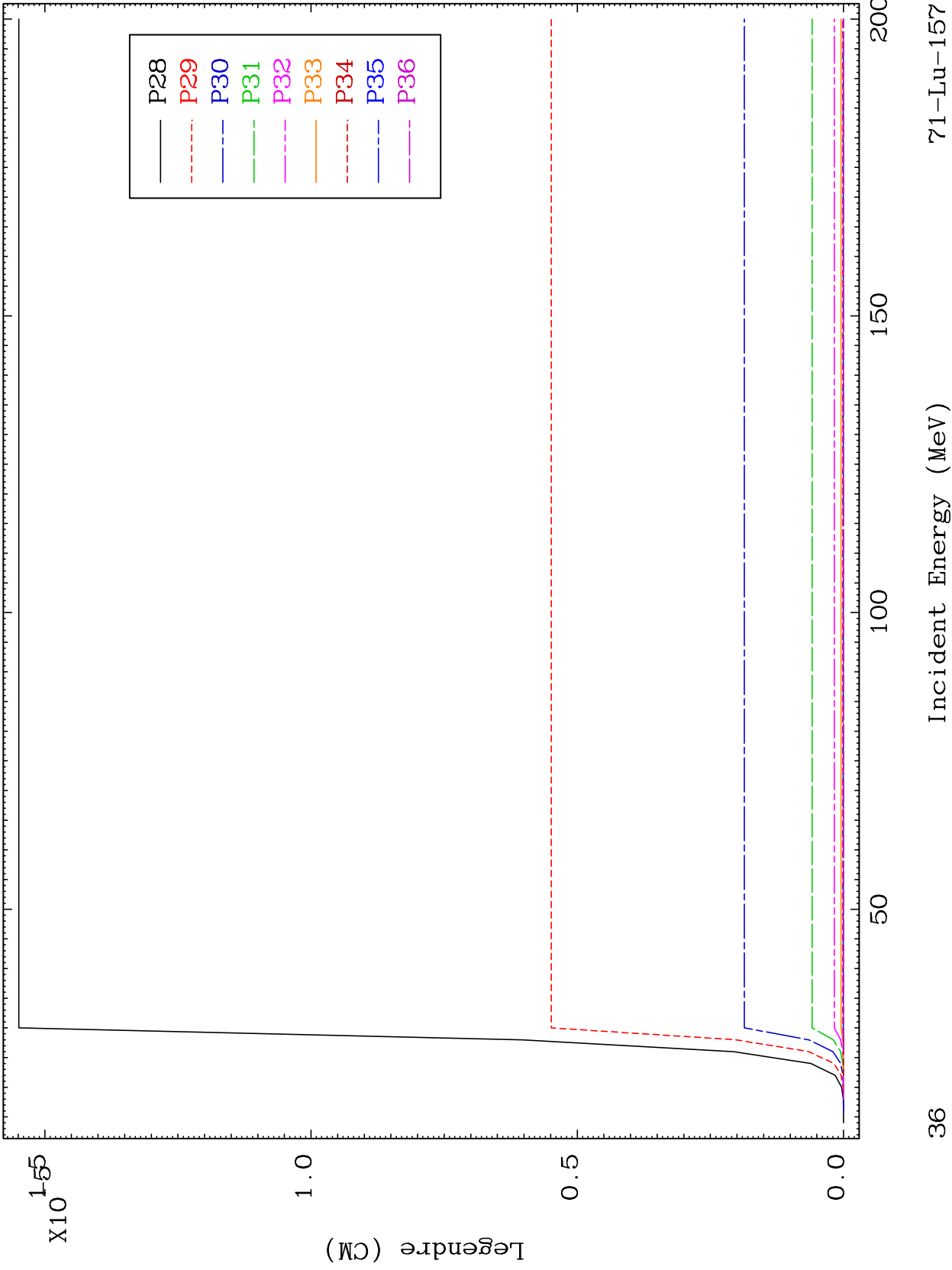
71-Lu-157



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Incident Energy (MeV)

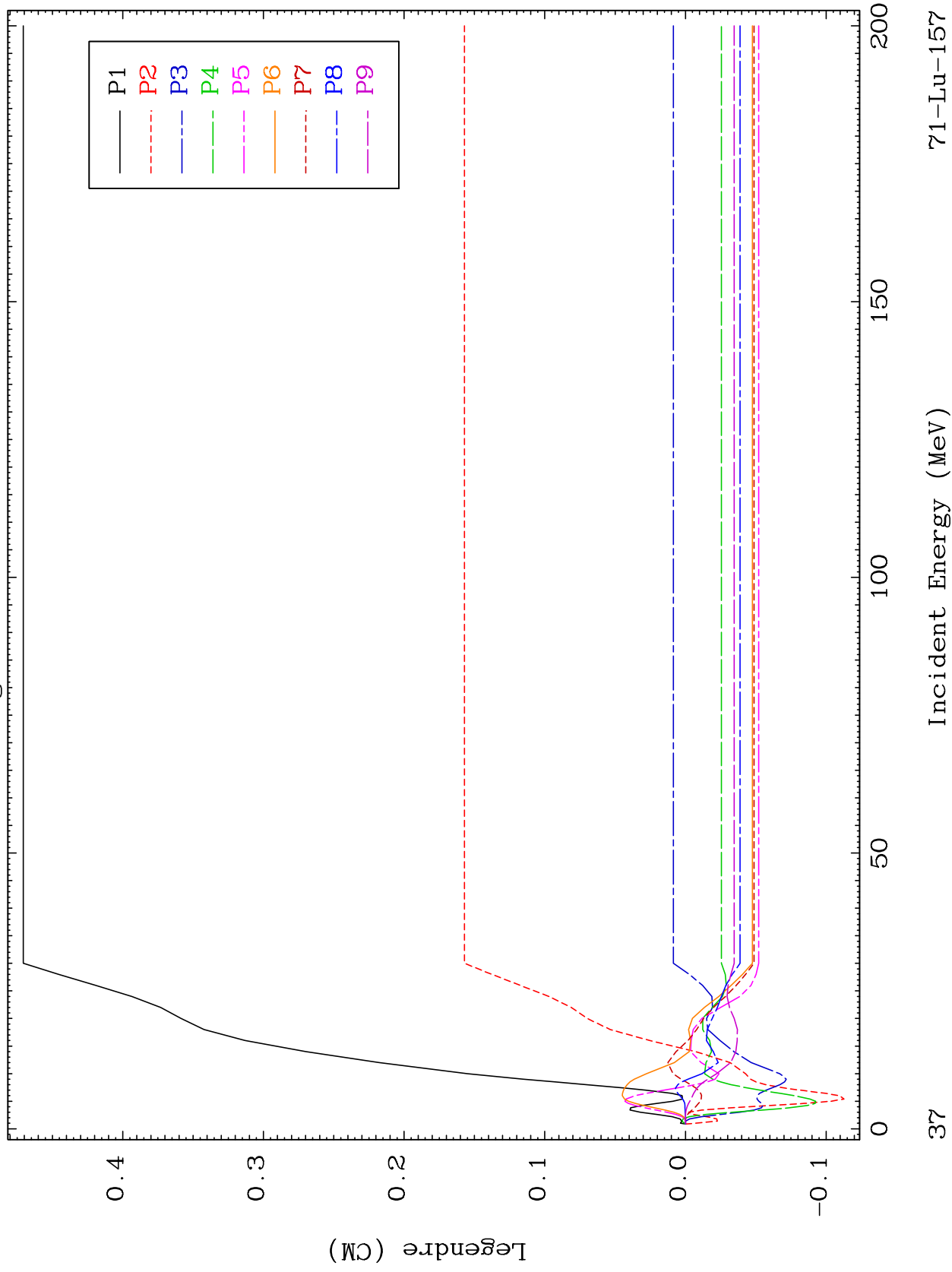
71-Lu-157



MAT 7071

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

71-Lu-157



71-Lu-157

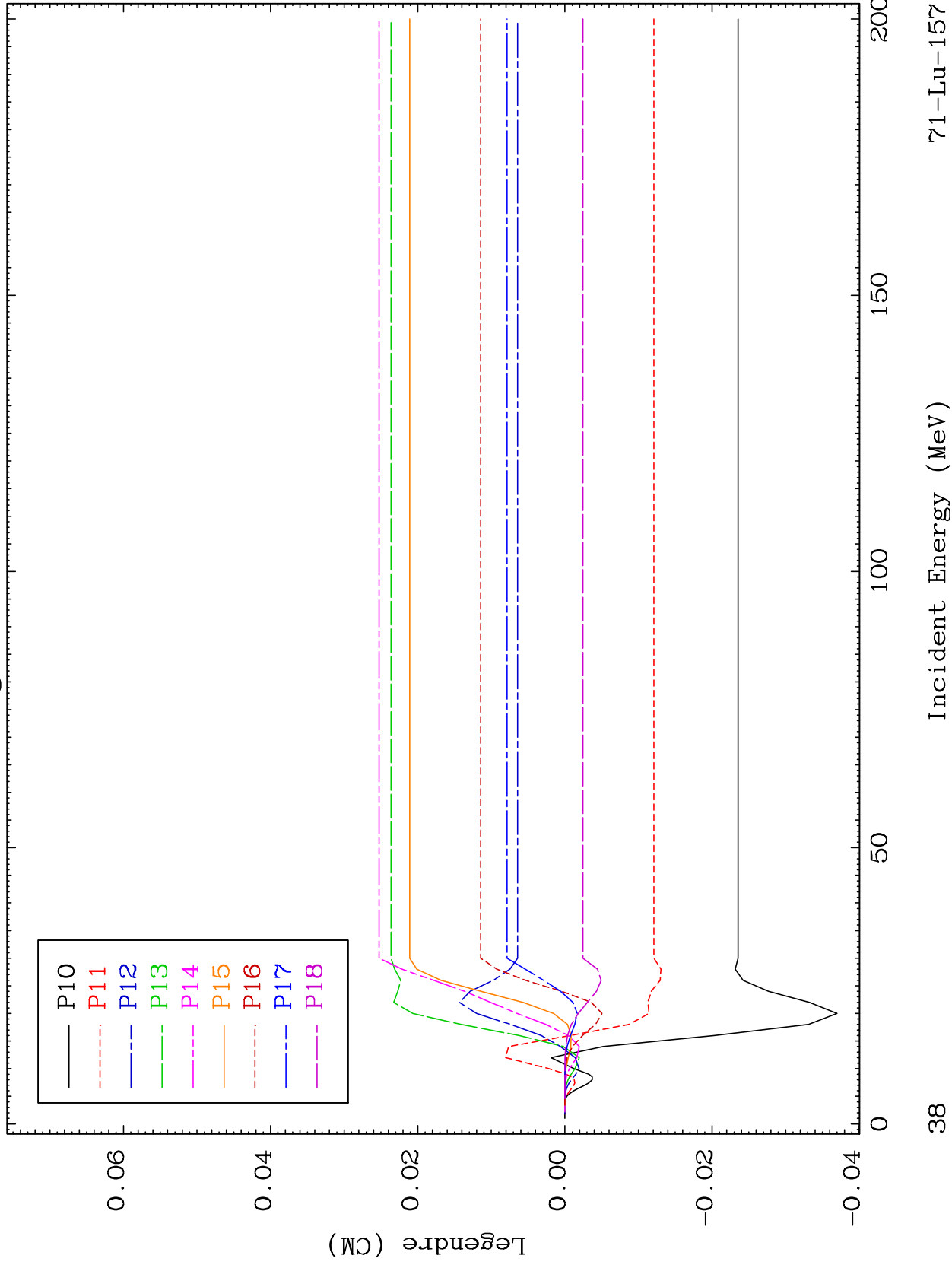
Incident Energy (MeV)

37

MAT 7071

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

71-Lu-157



38

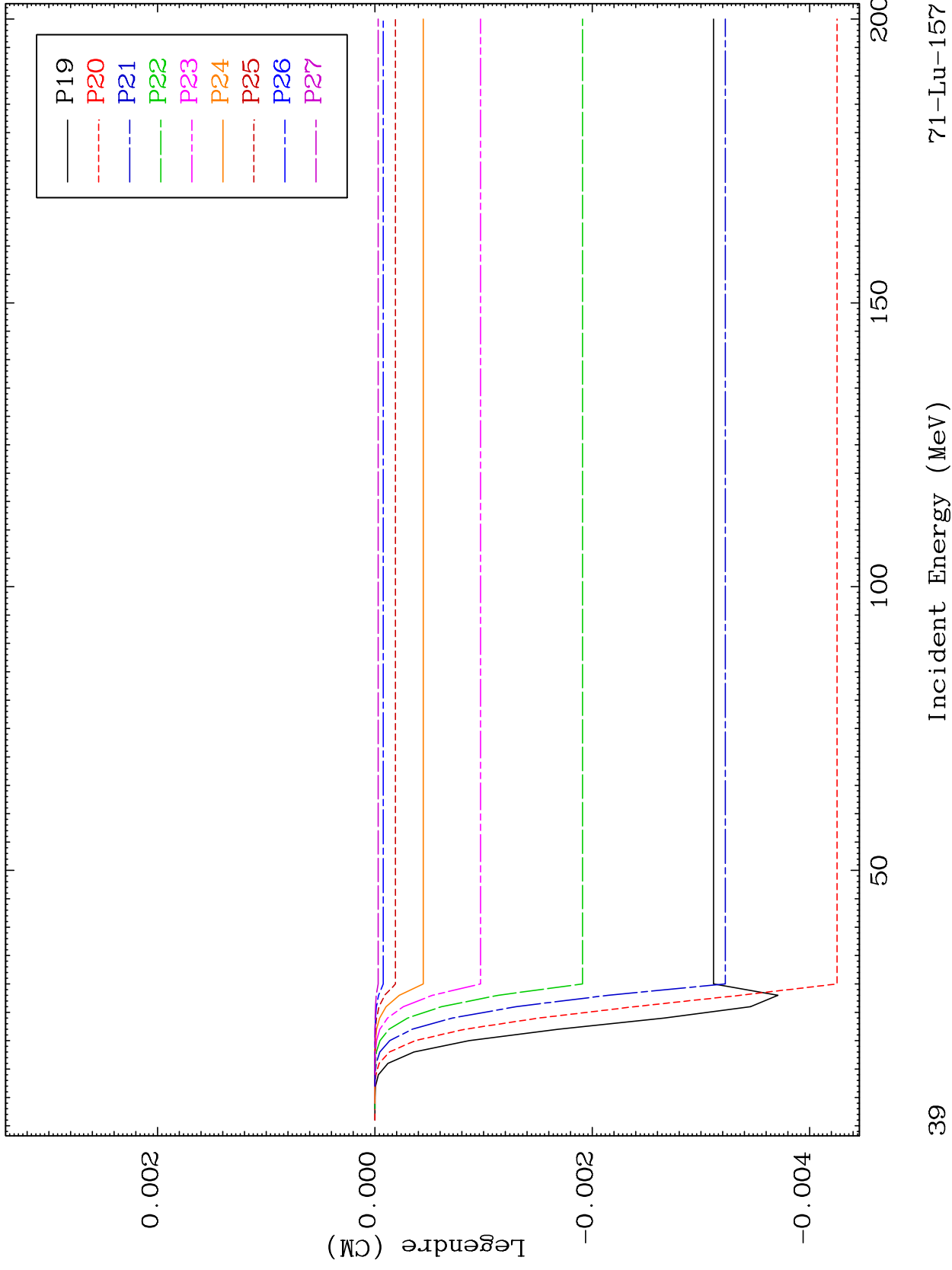
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

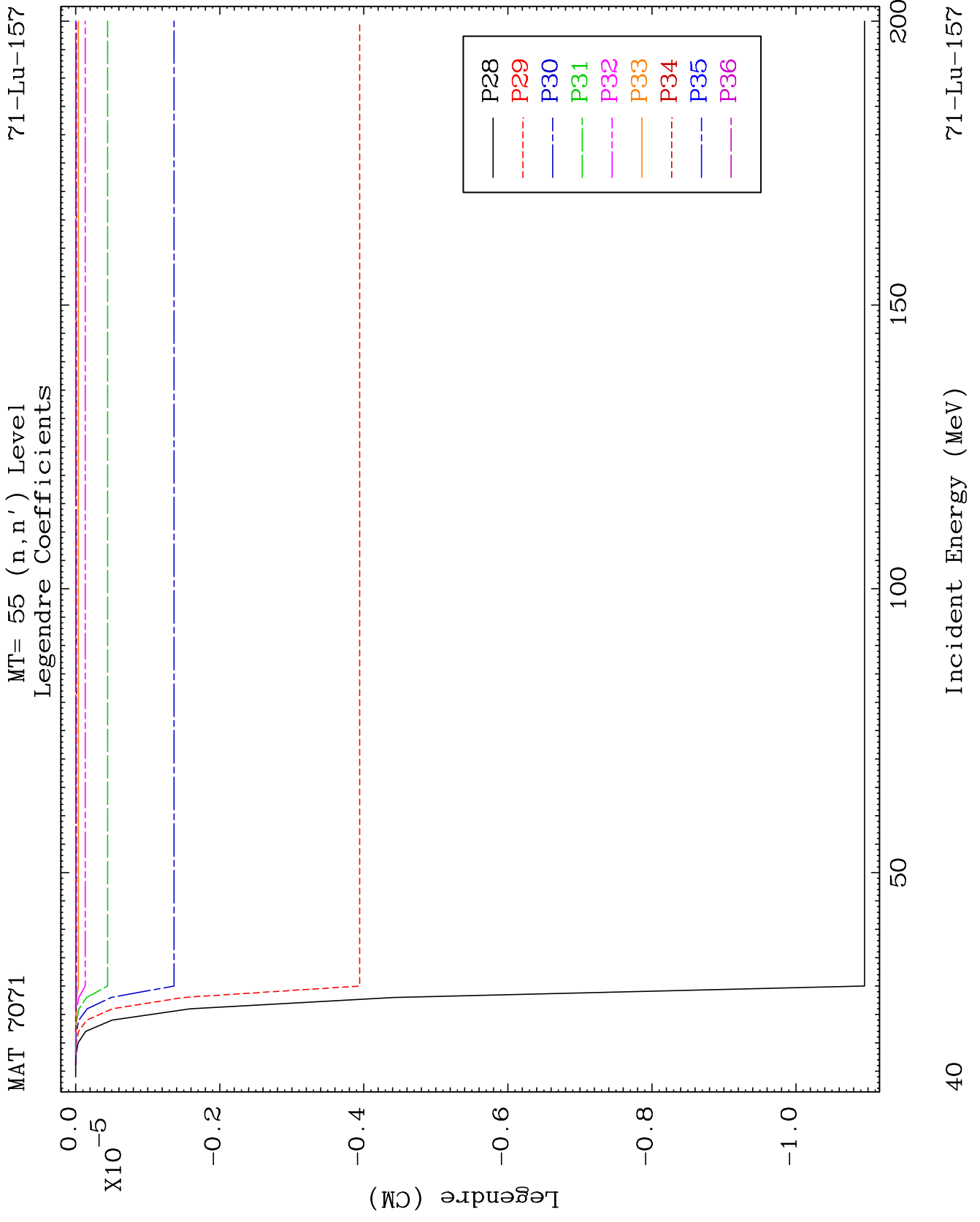
71-Lu-157



39

Incident Energy (MeV)

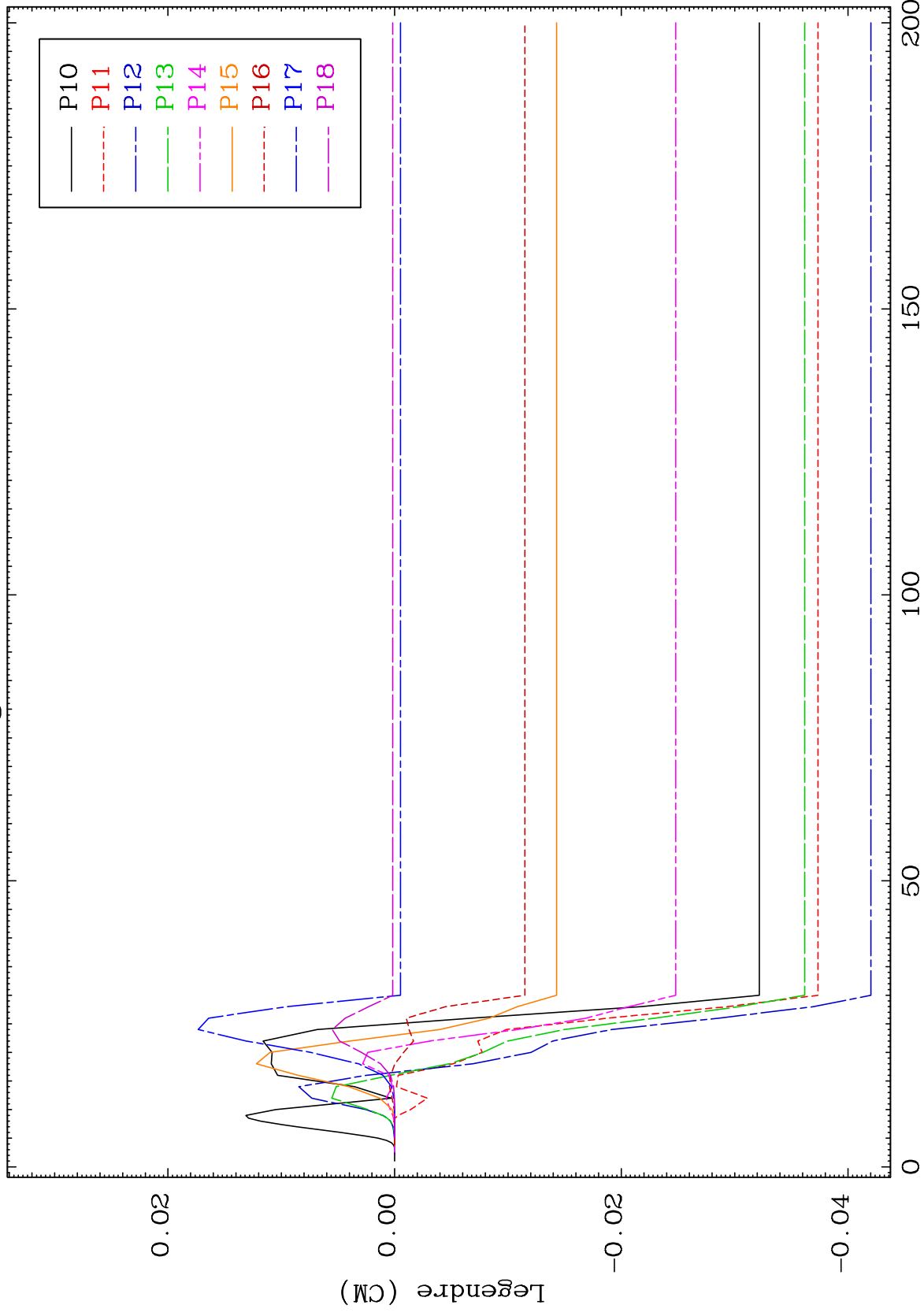
71-Lu-157



MAT 7071

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

71-Lu-157



42

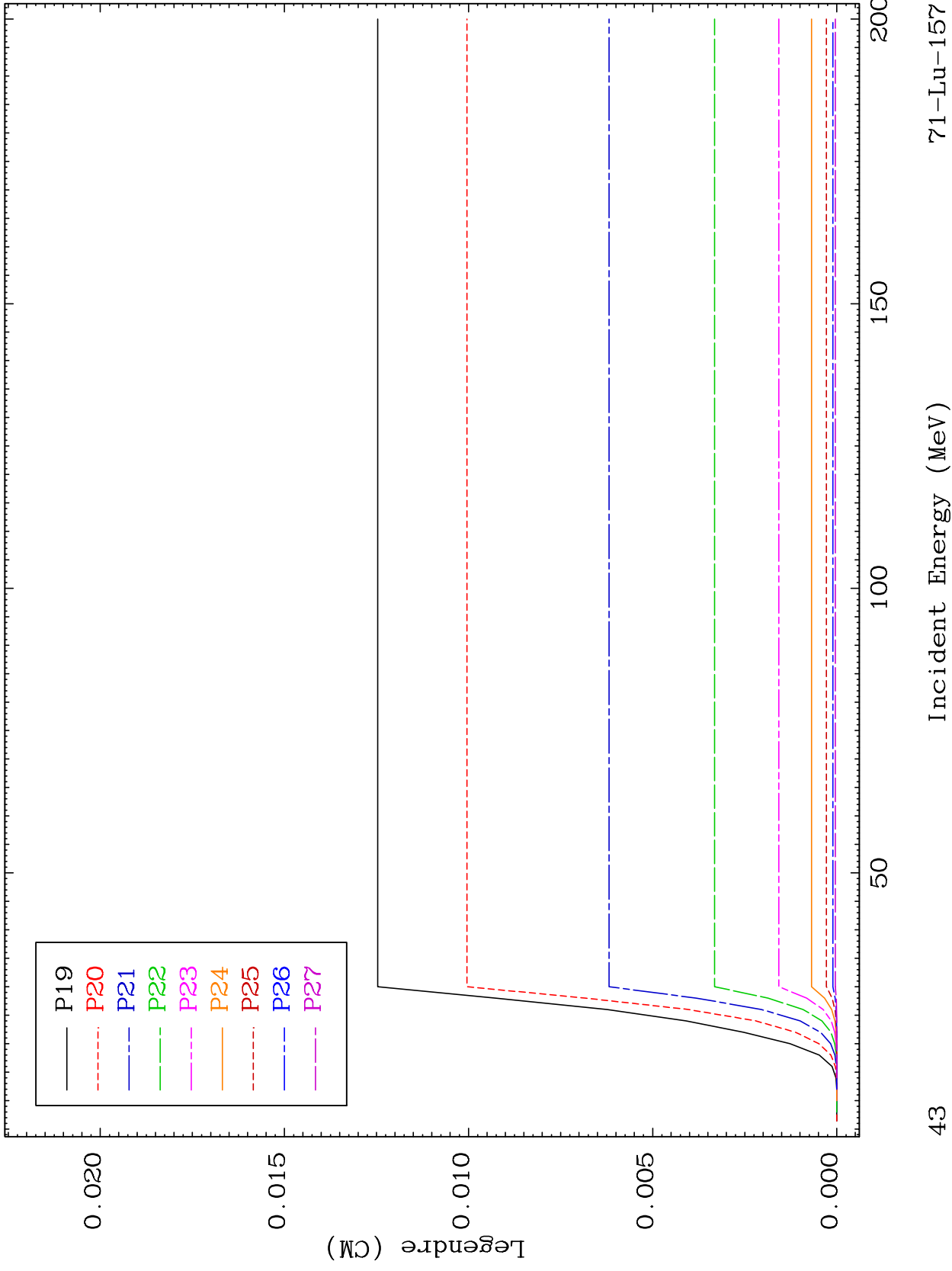
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

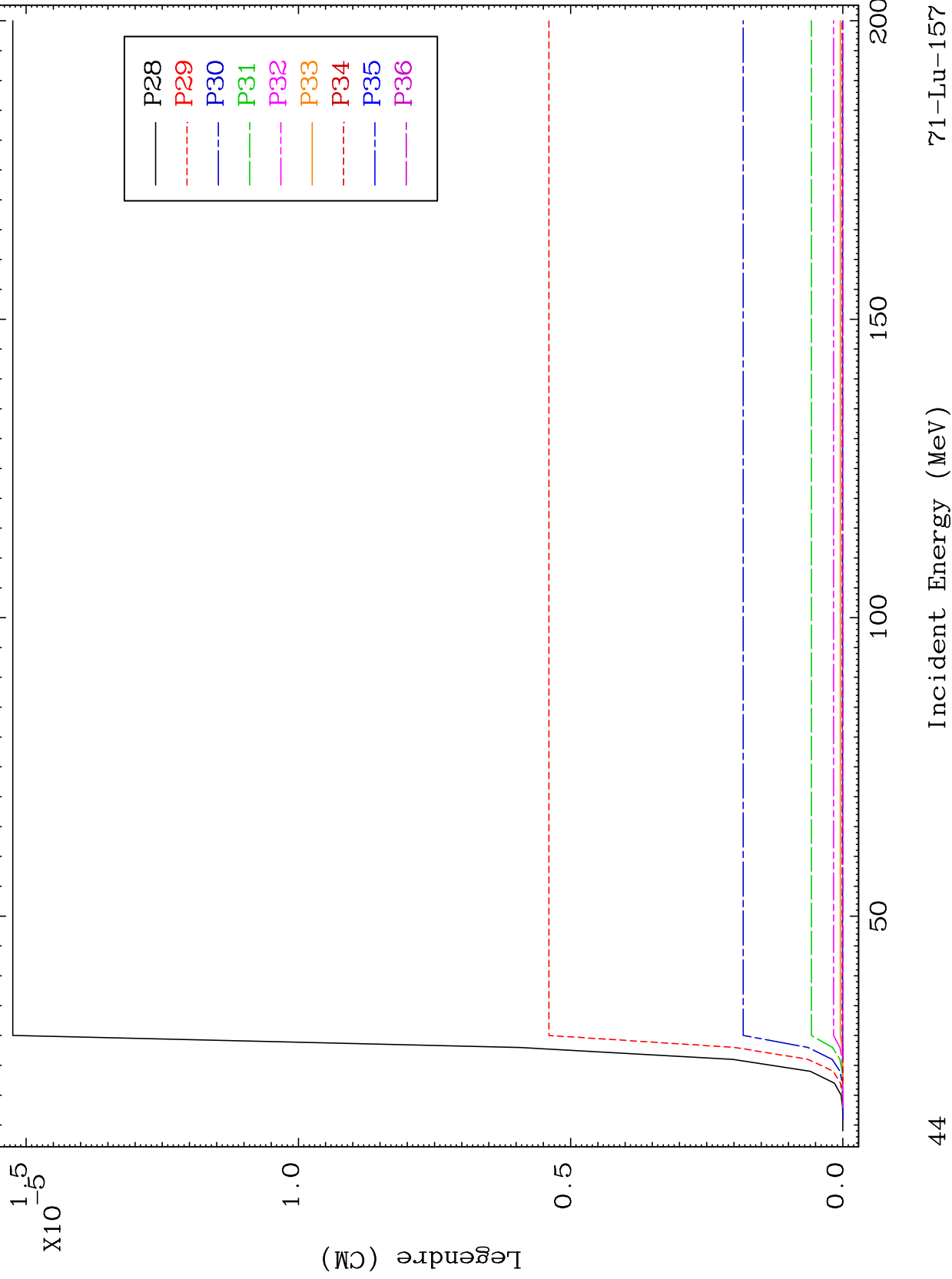
71-Lu-157



MAT 7071

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

71-Lu-157



44

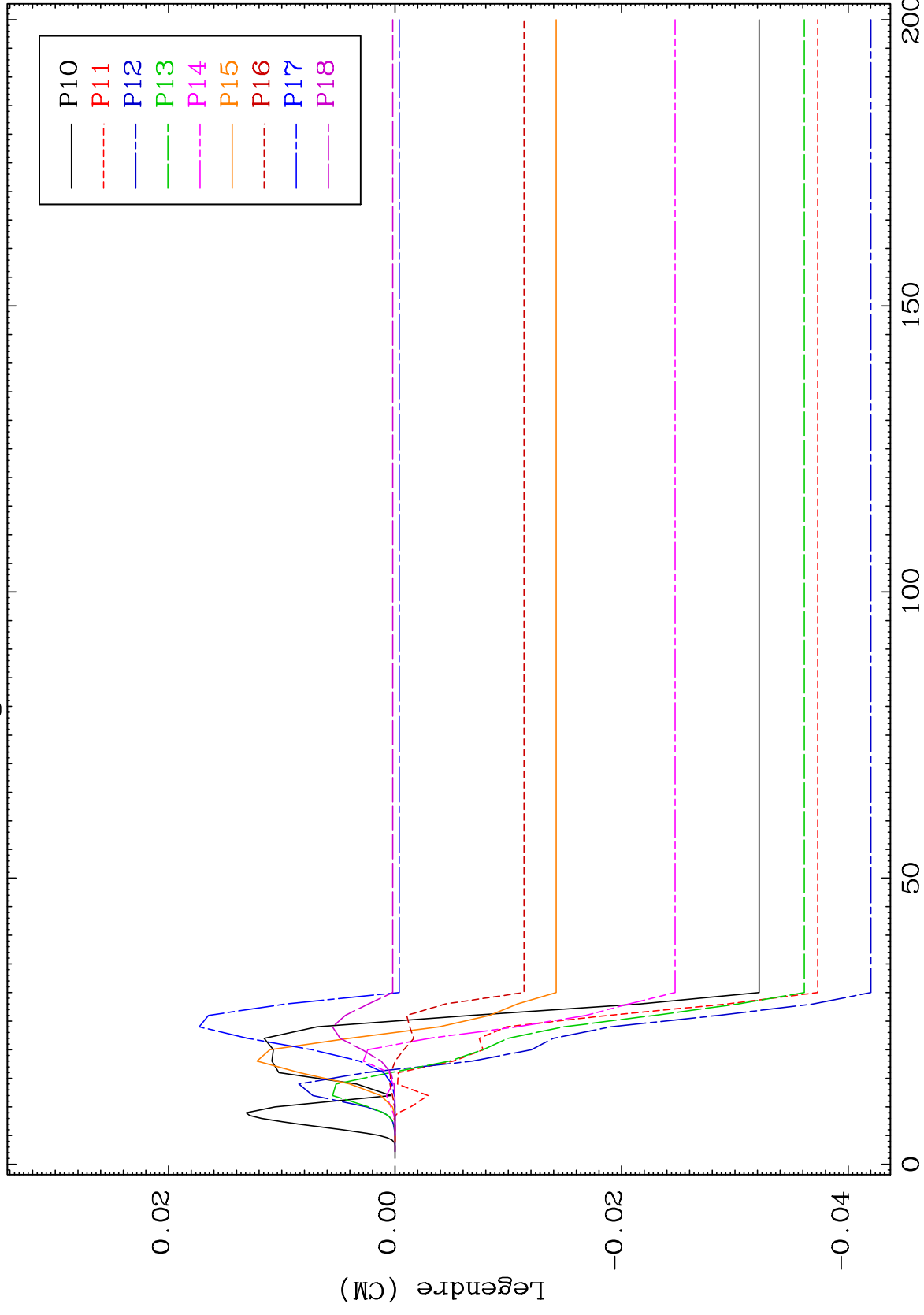
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



46

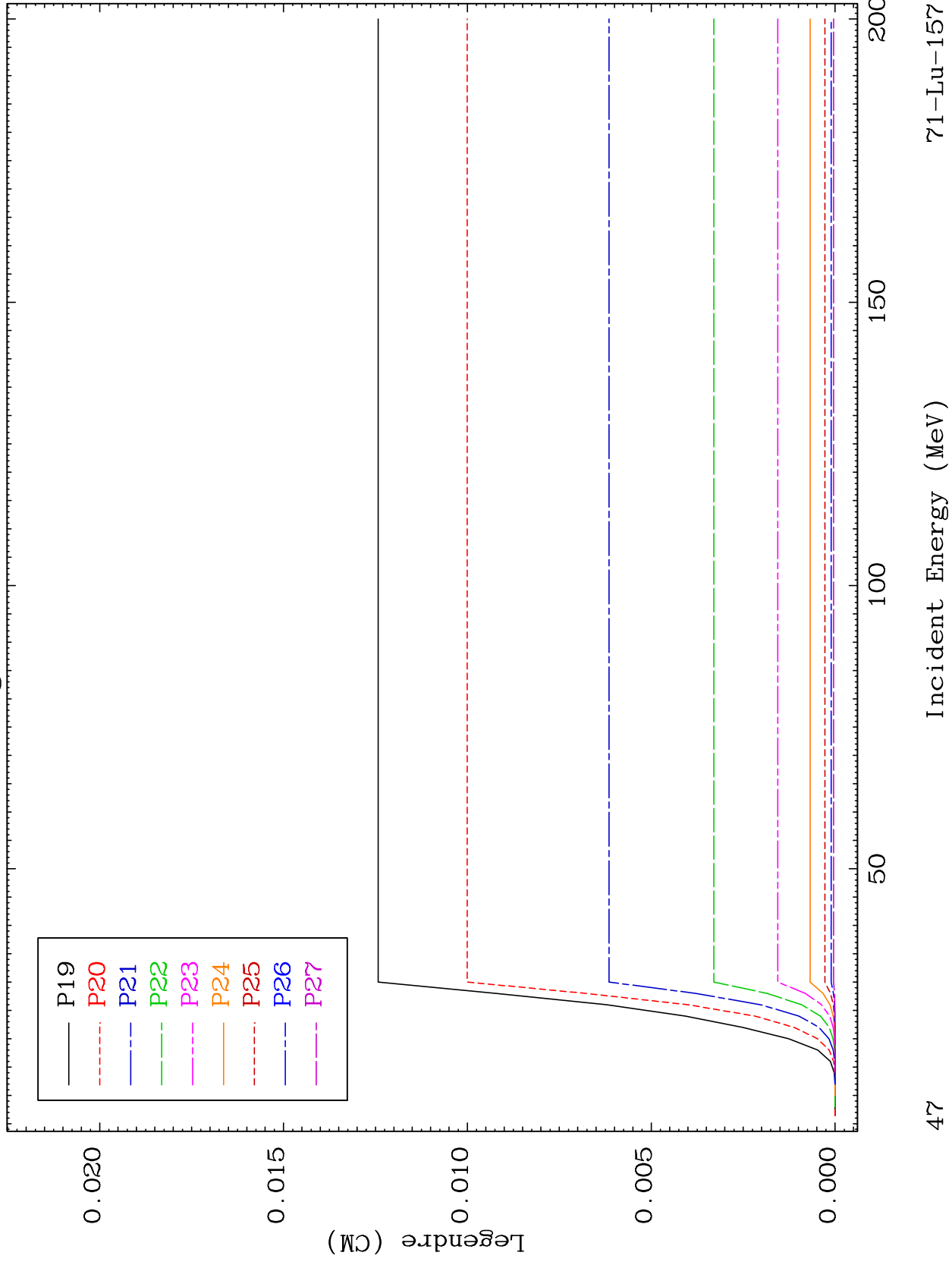
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



47

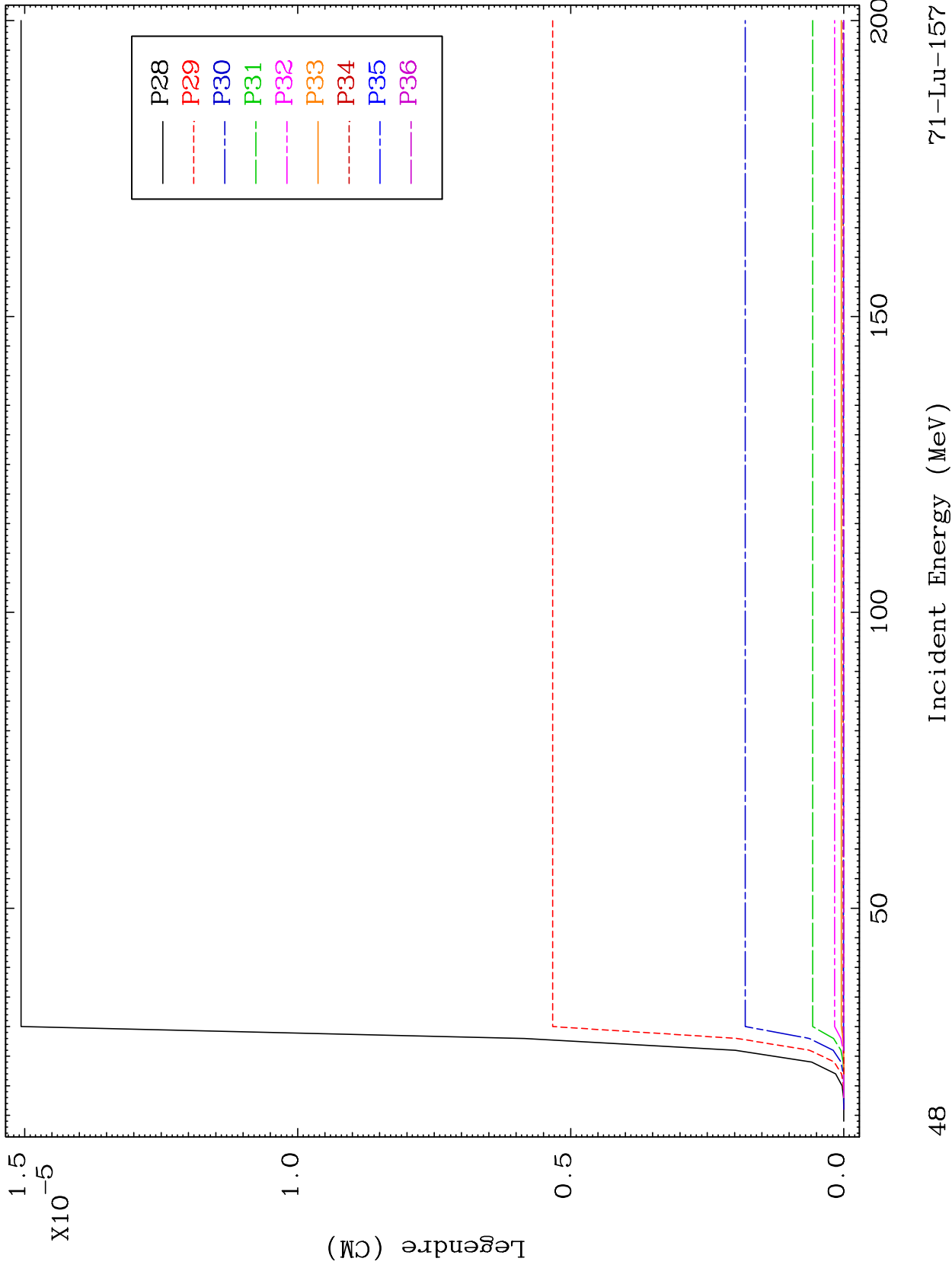
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

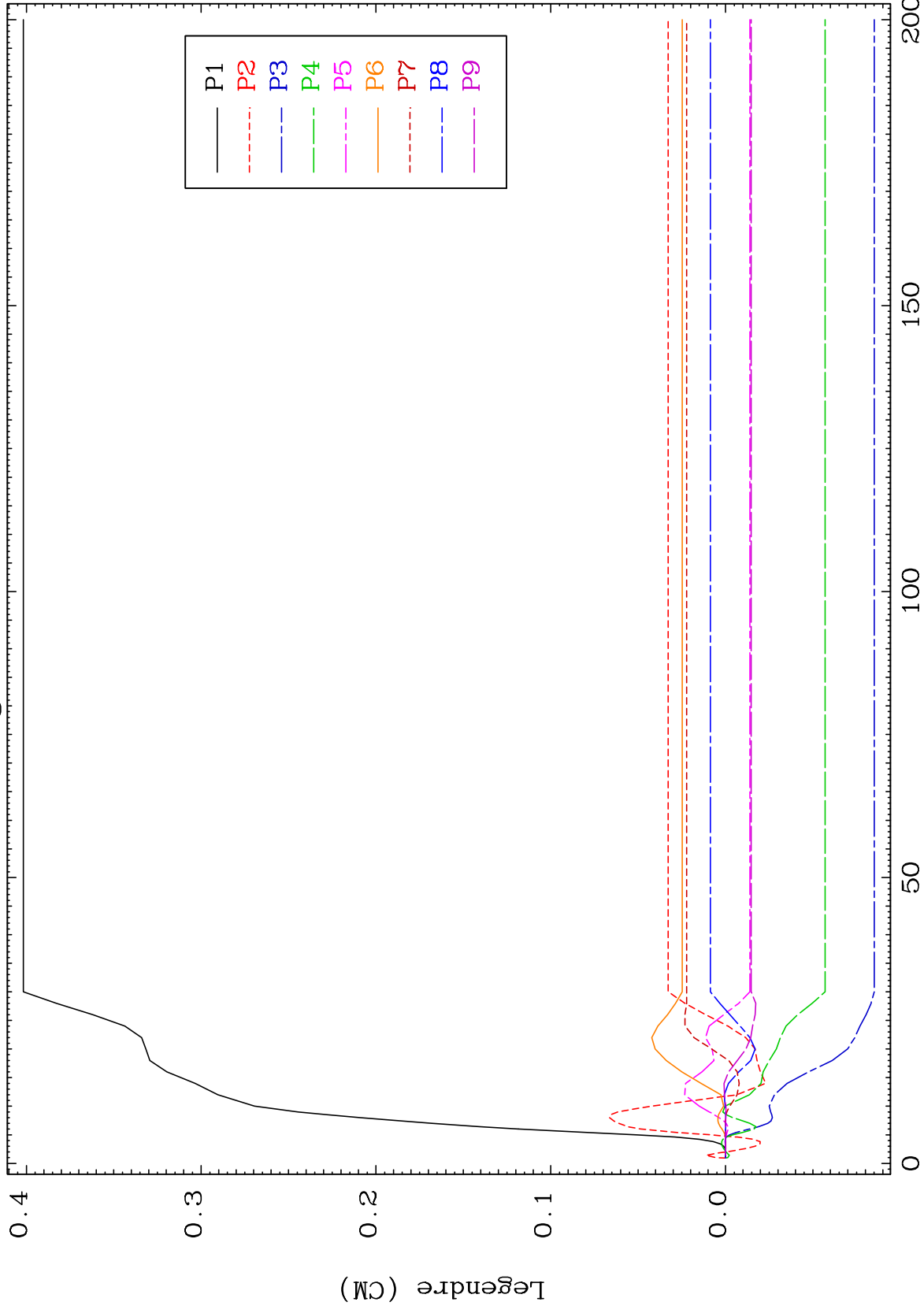
71-Lu-157



MAT 7071

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

71-Lu-157



49

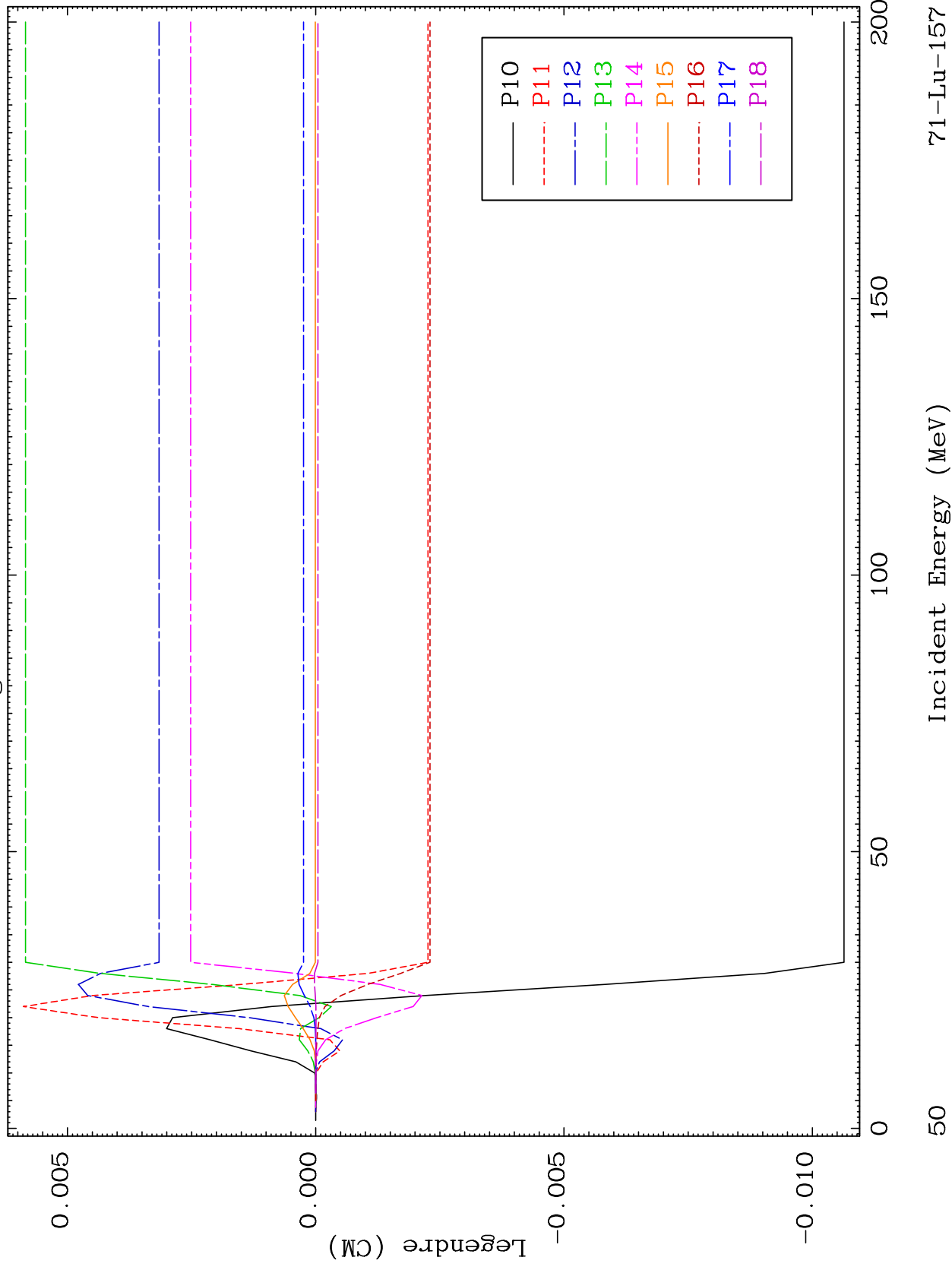
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

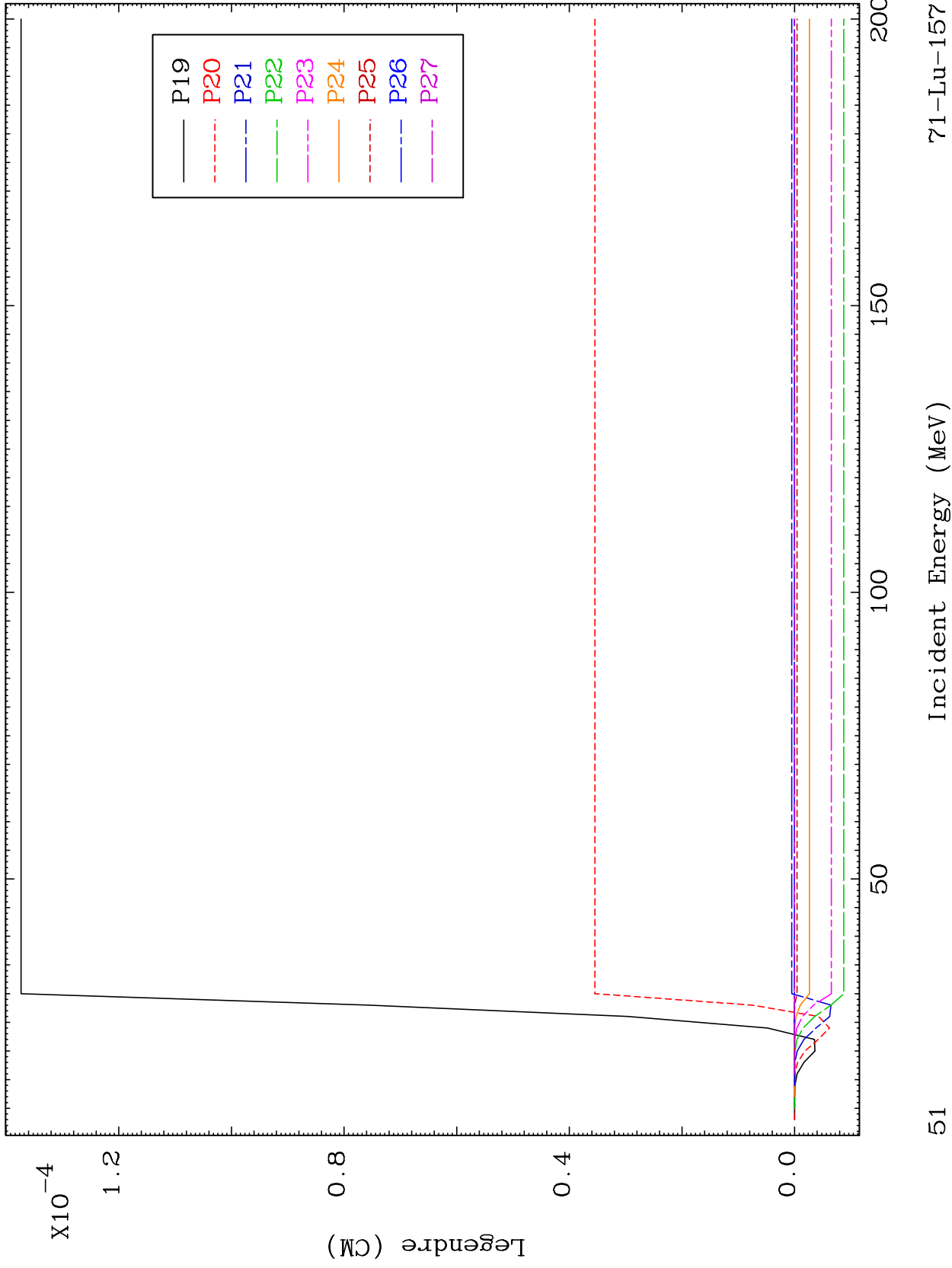
71-Lu-157



71-Lu-157

Incident Energy (MeV)

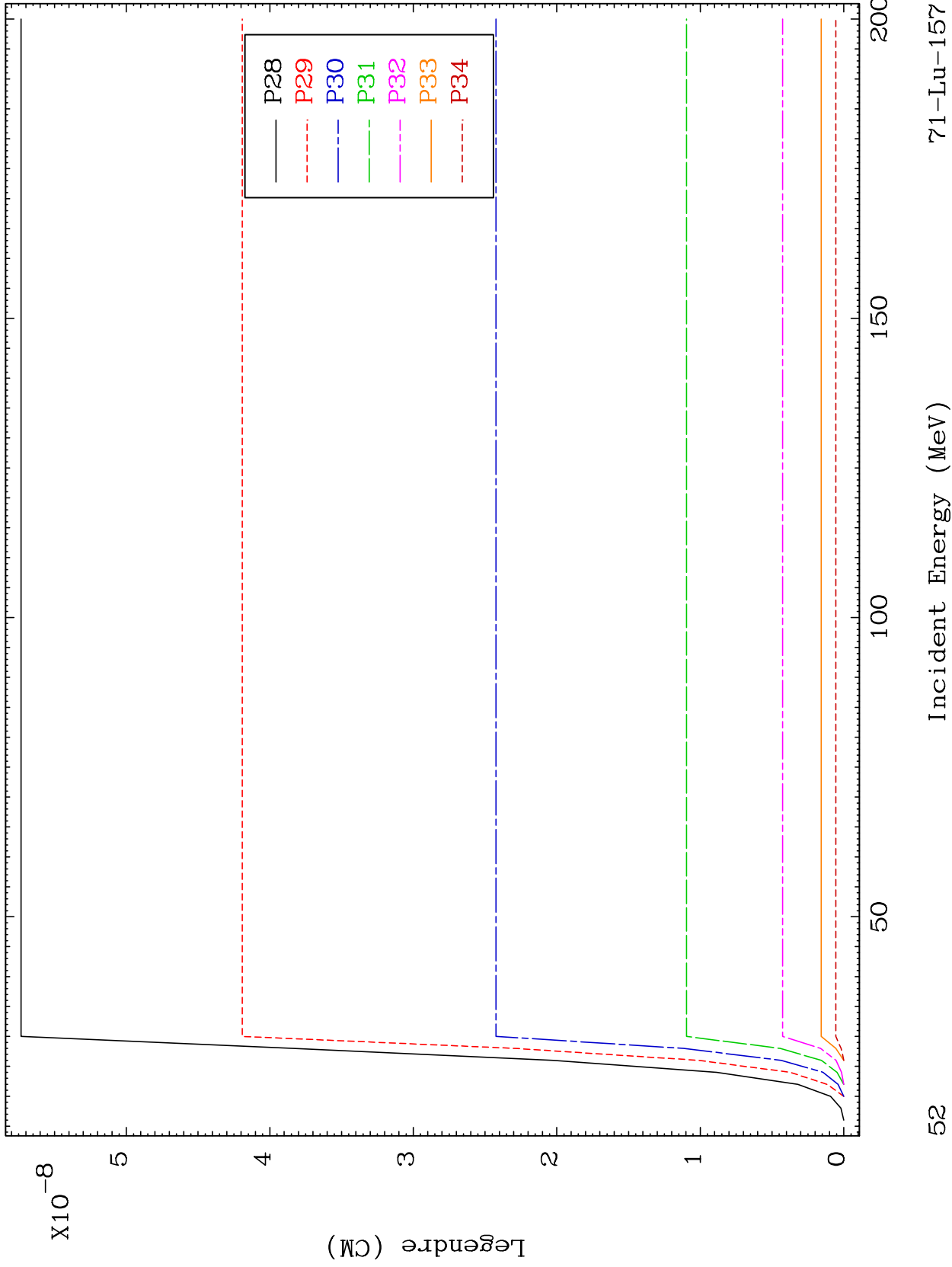
50



MAT 7071

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

71-Lu-157



52

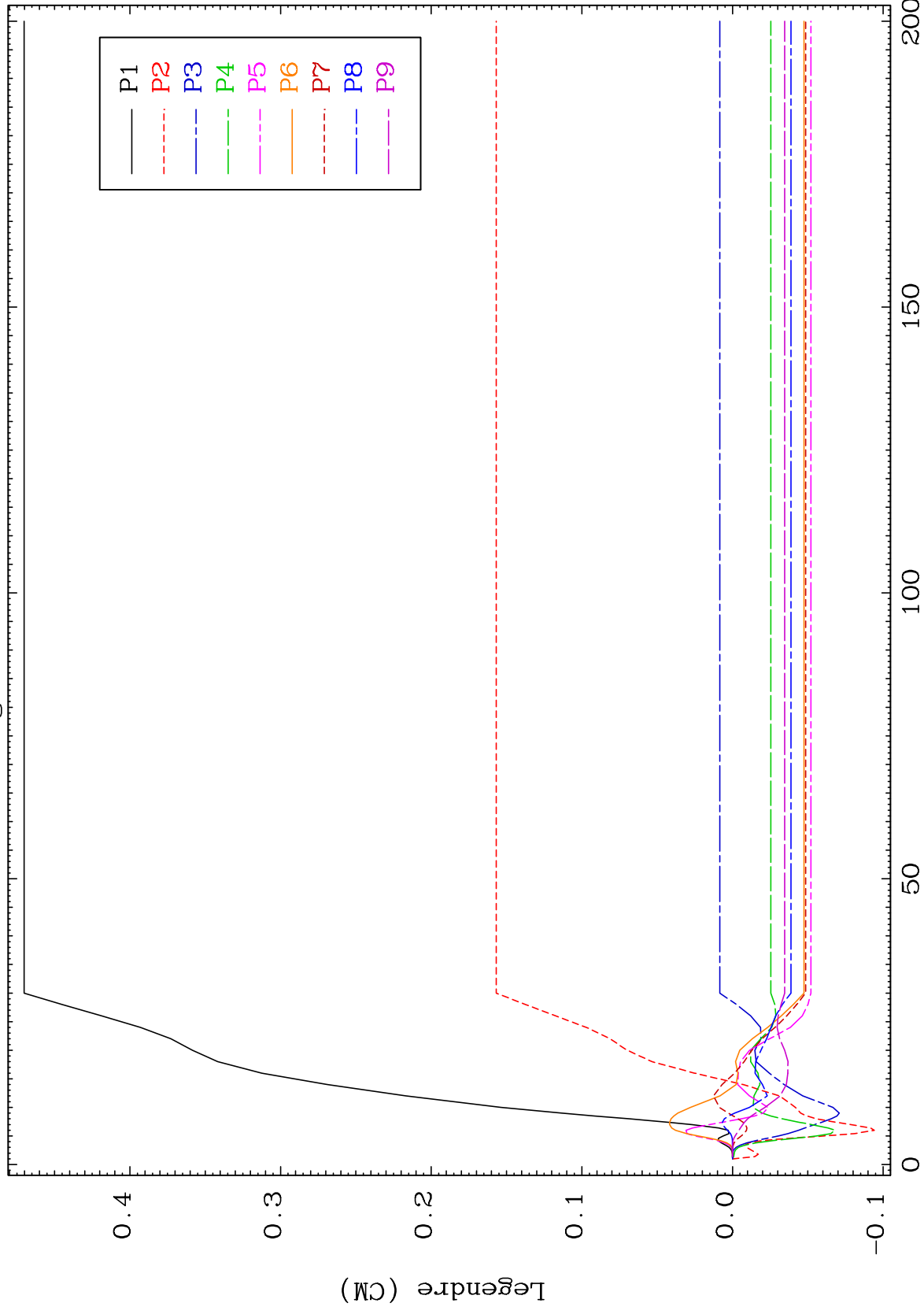
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



53

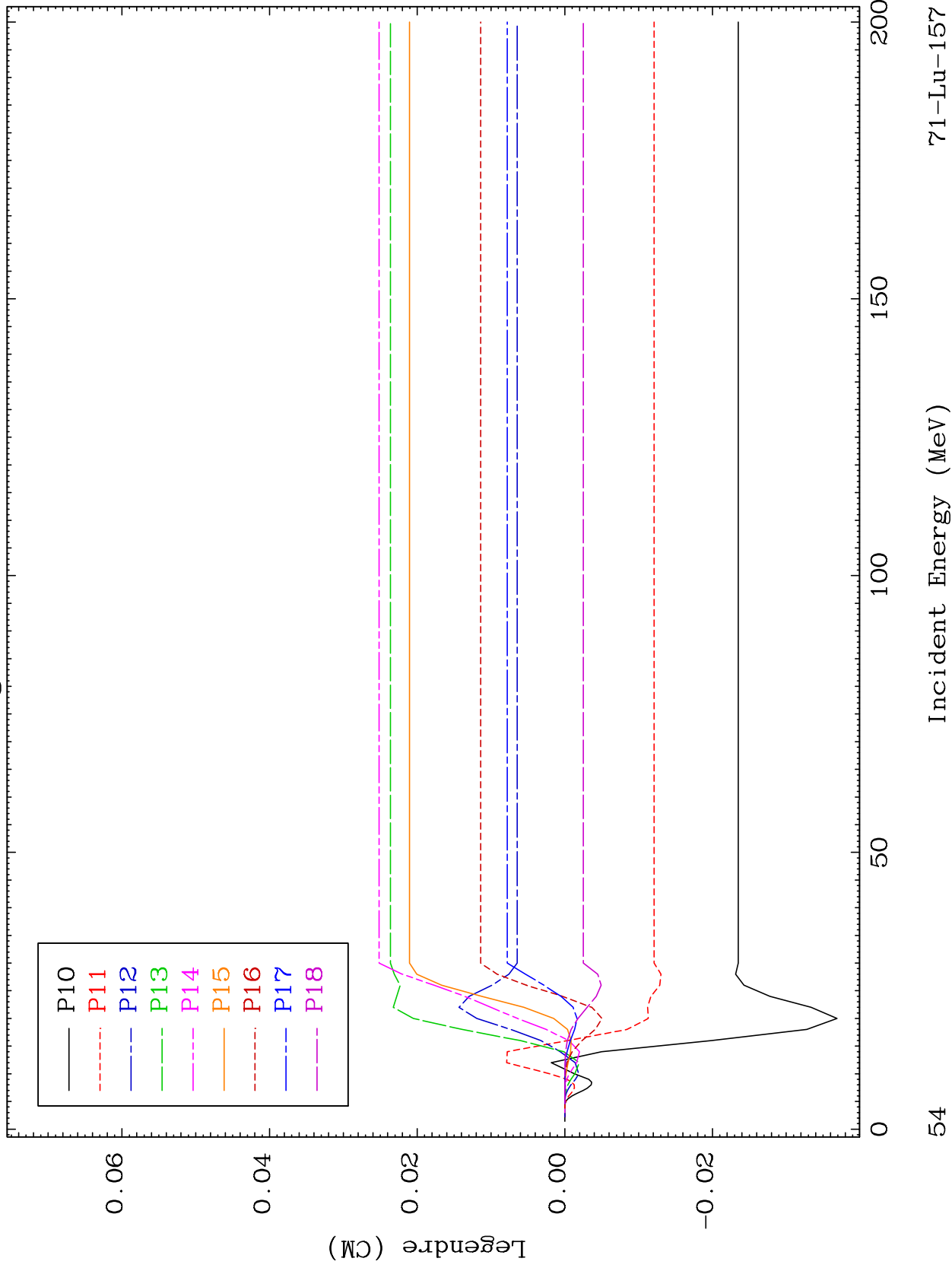
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



54

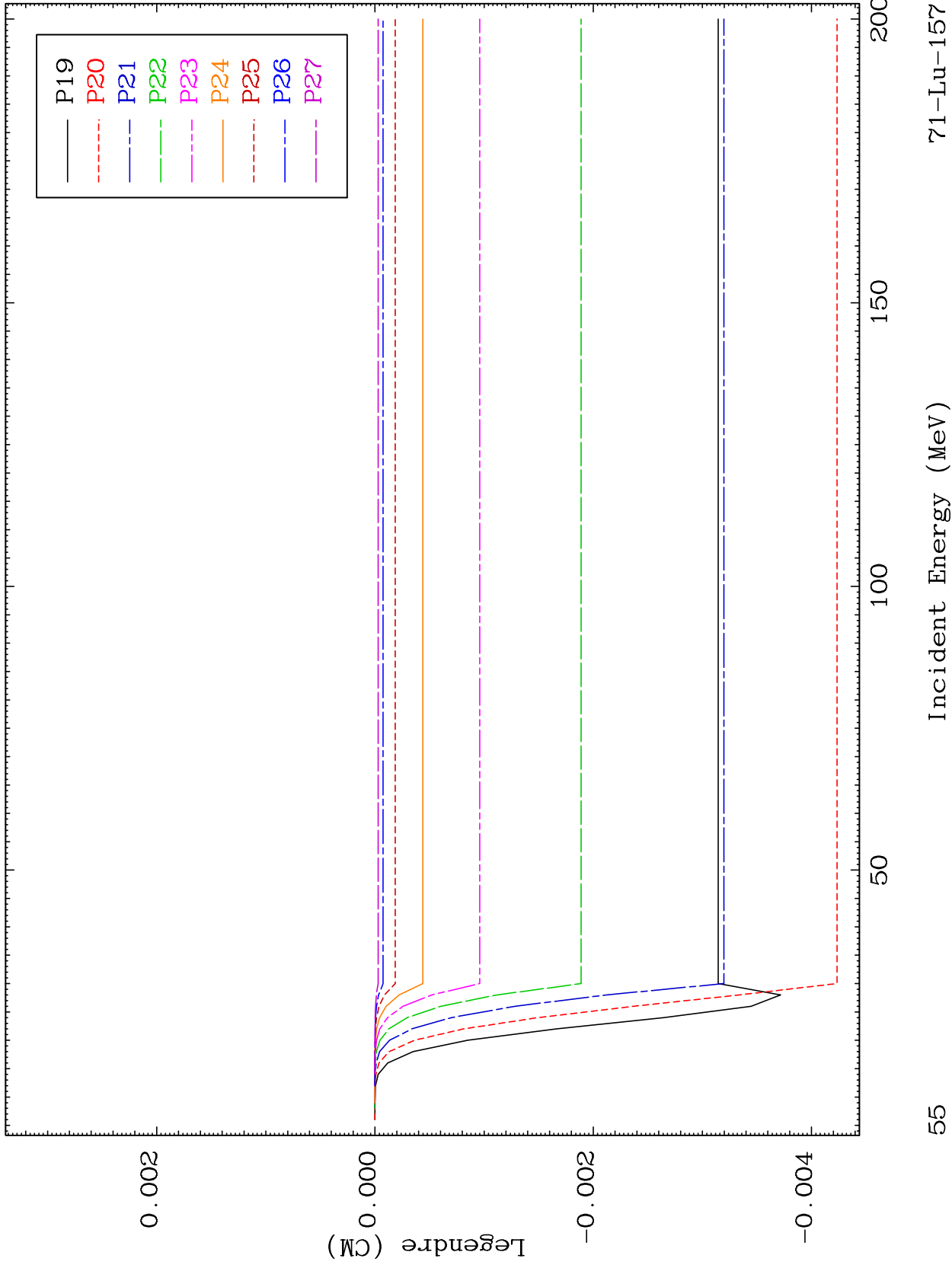
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

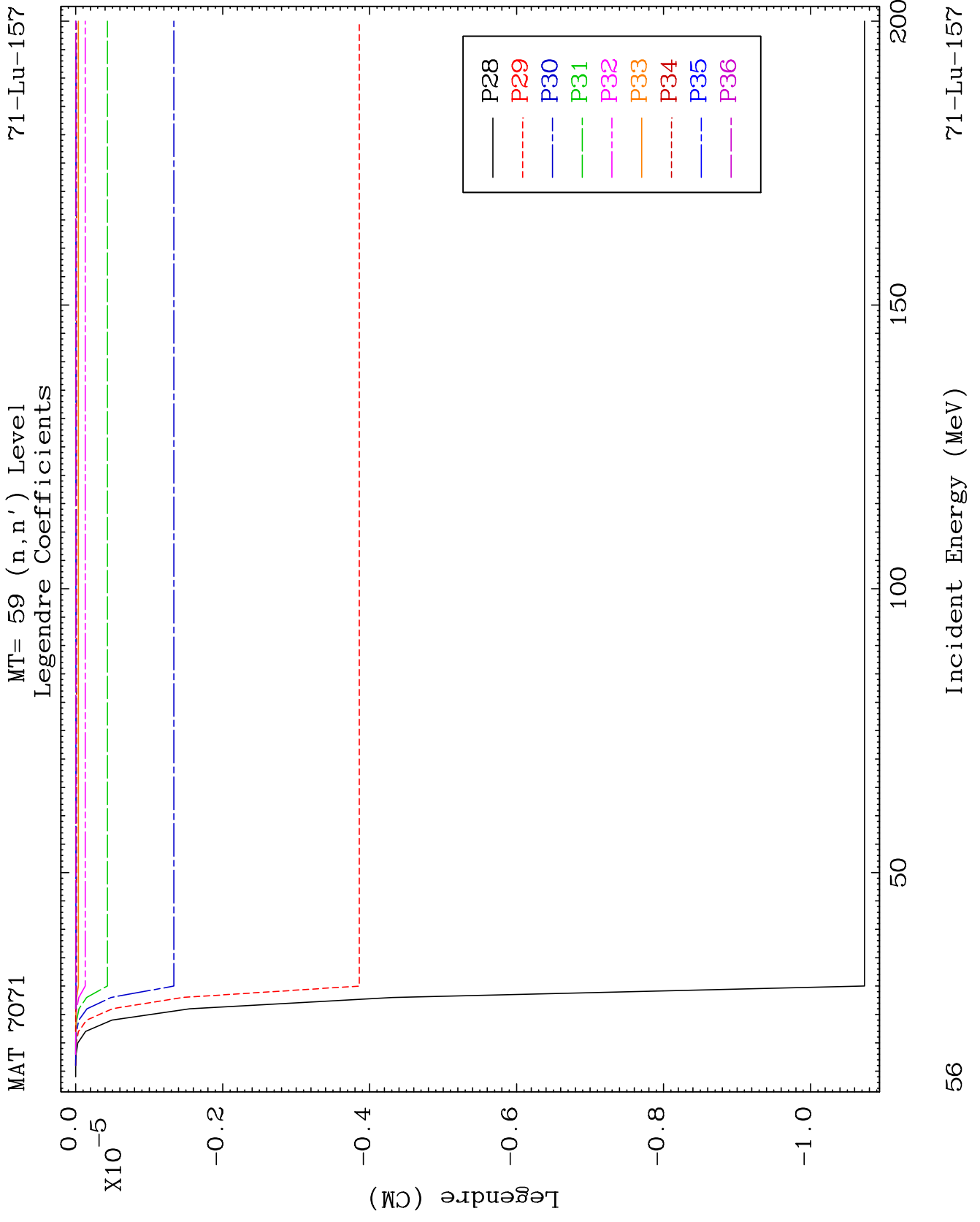
71-Lu-157



55

Incident Energy (MeV)

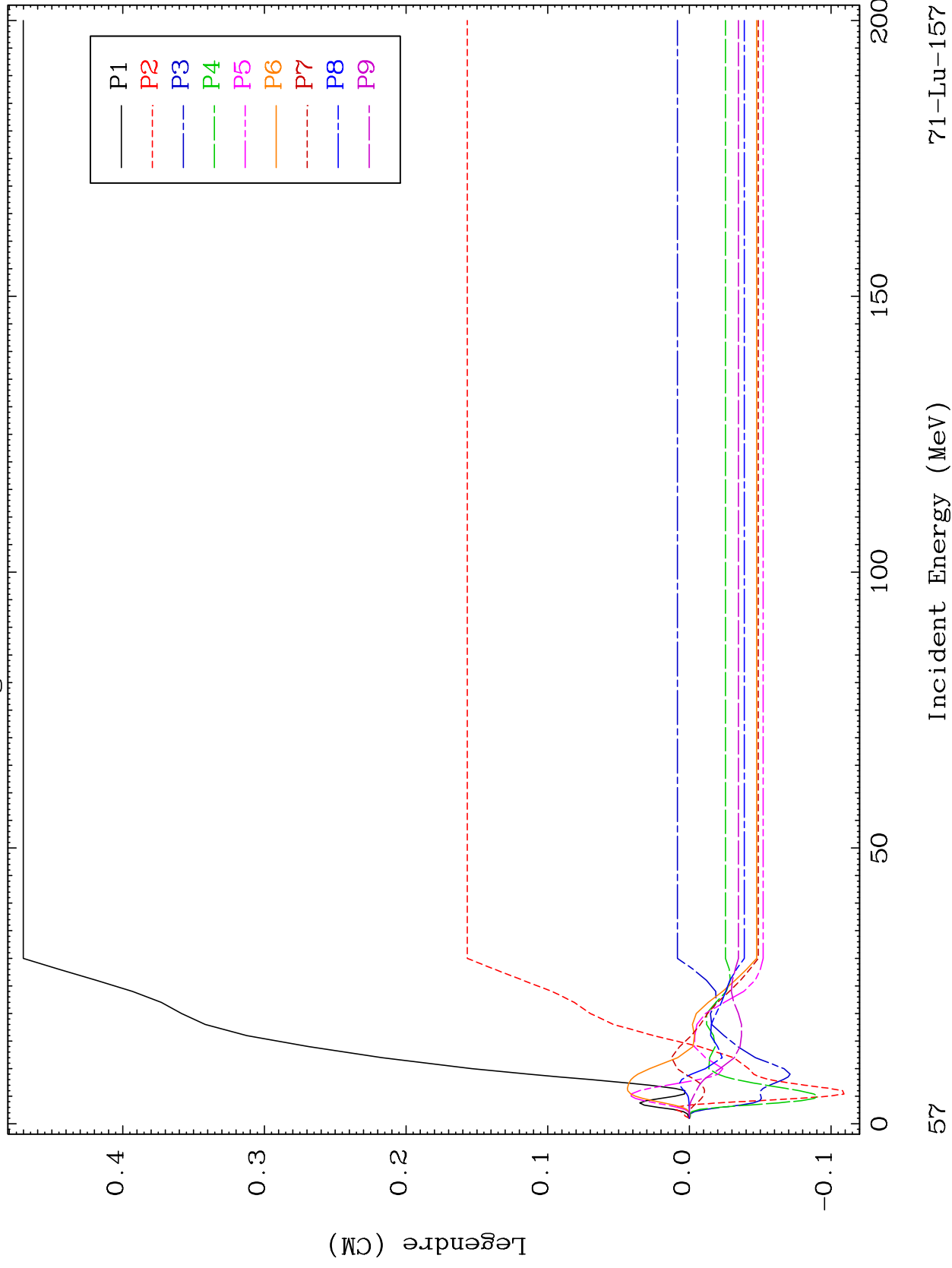
71-Lu-157



MAT 7071

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

71-Lu-157



71-Lu-157

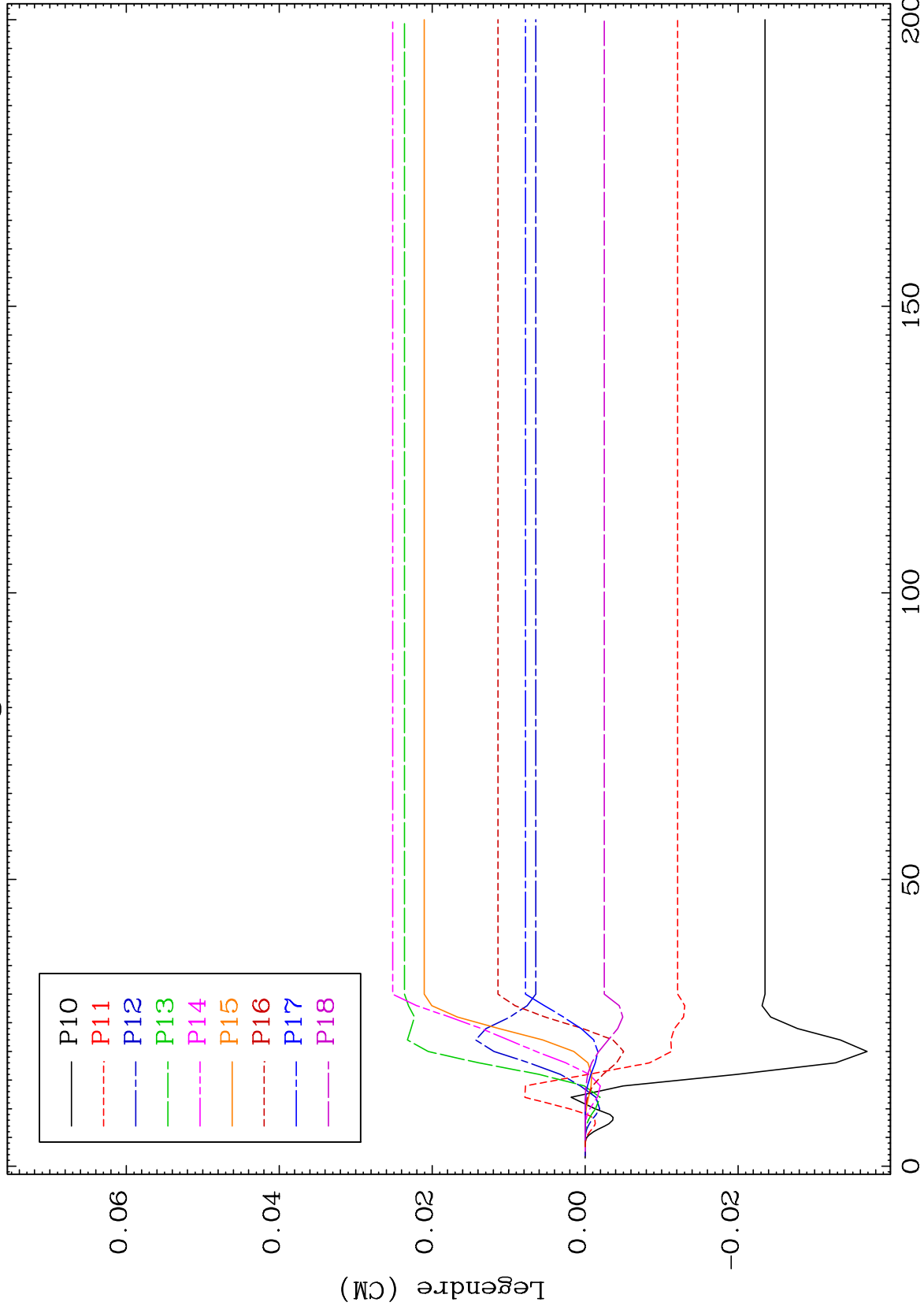
Incident Energy (MeV)

57

MAT 7071

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

71-Lu-157



58

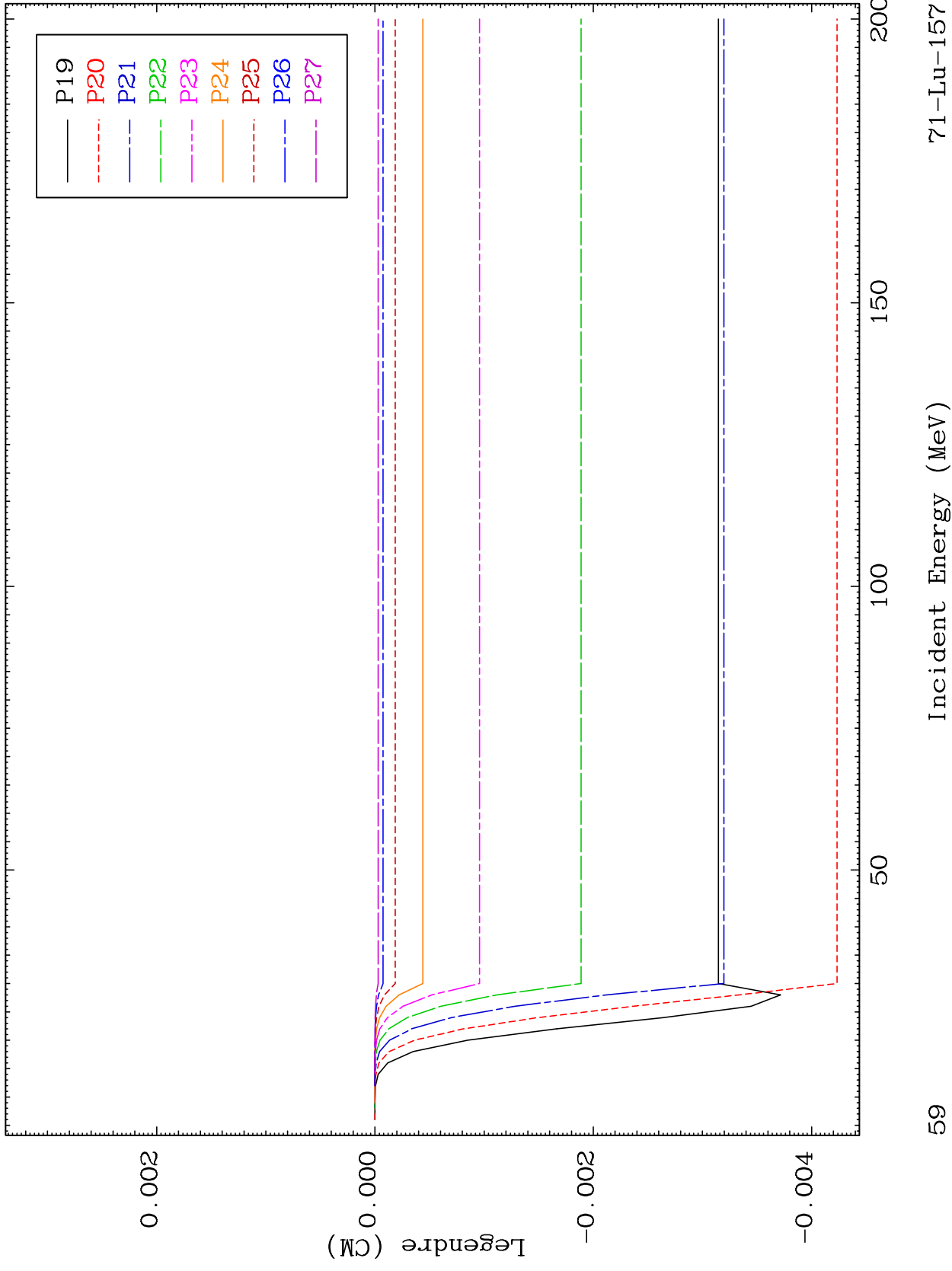
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

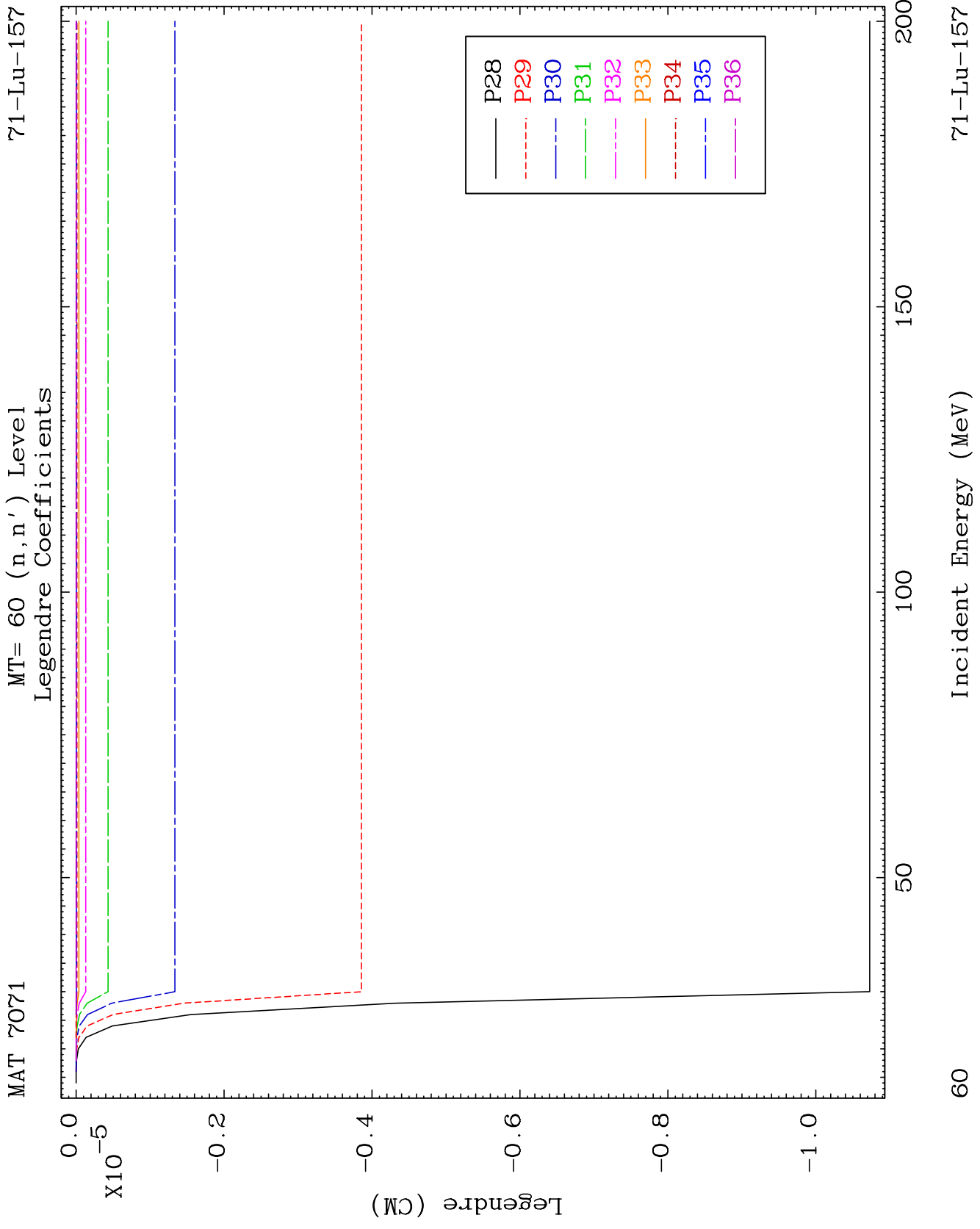
71-Lu-157

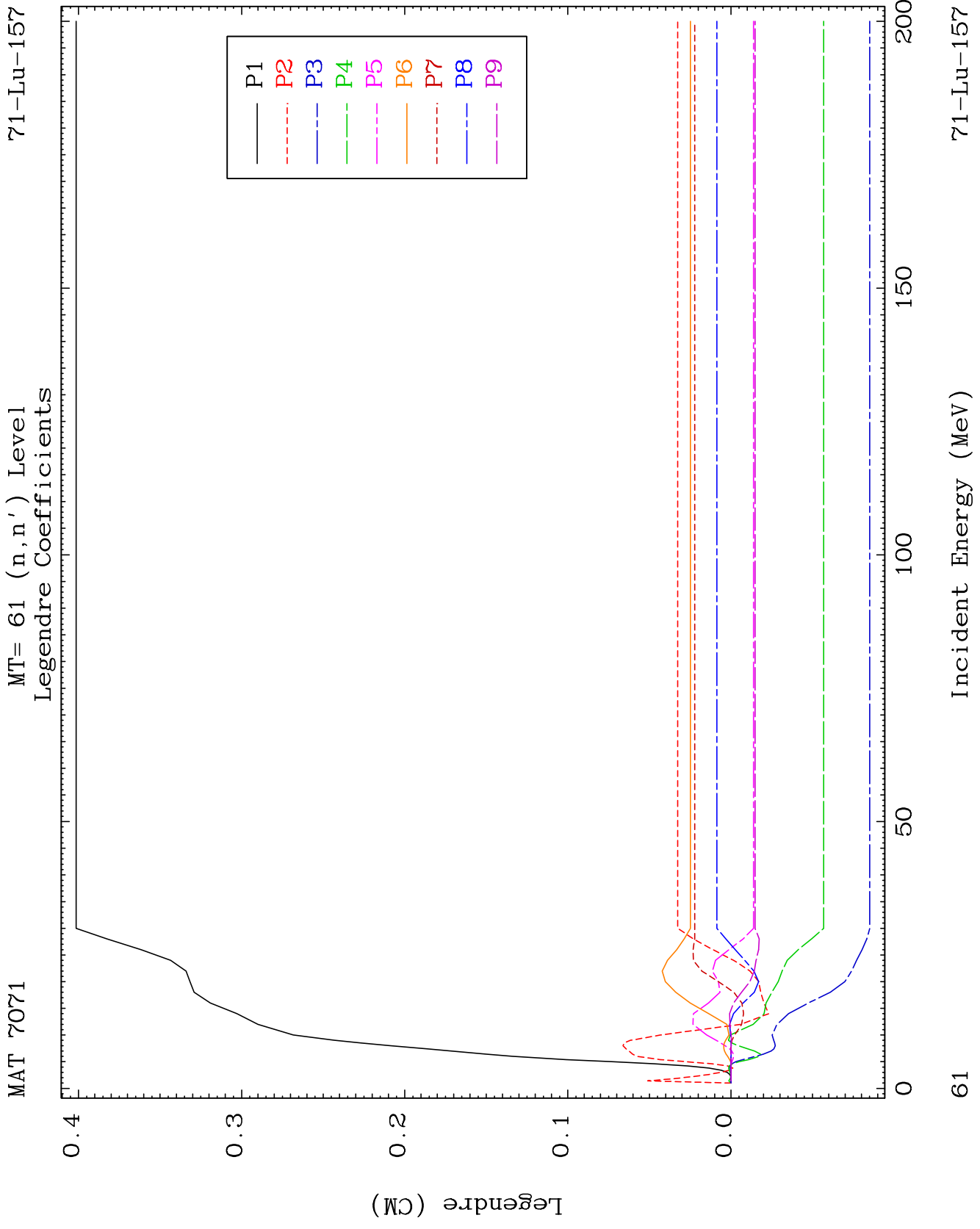


59

Incident Energy (MeV)

71-Lu-157

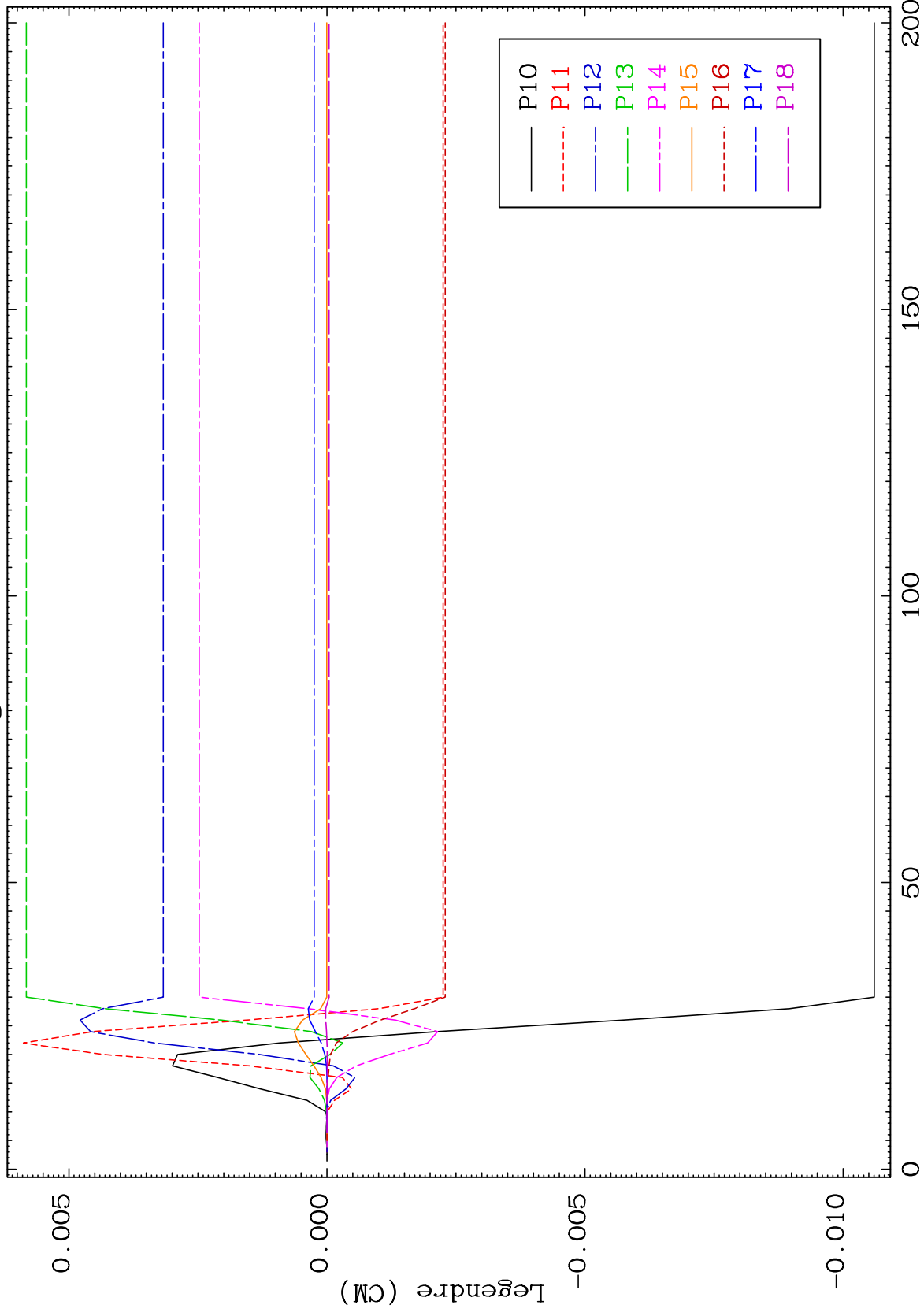




MAT 7071

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

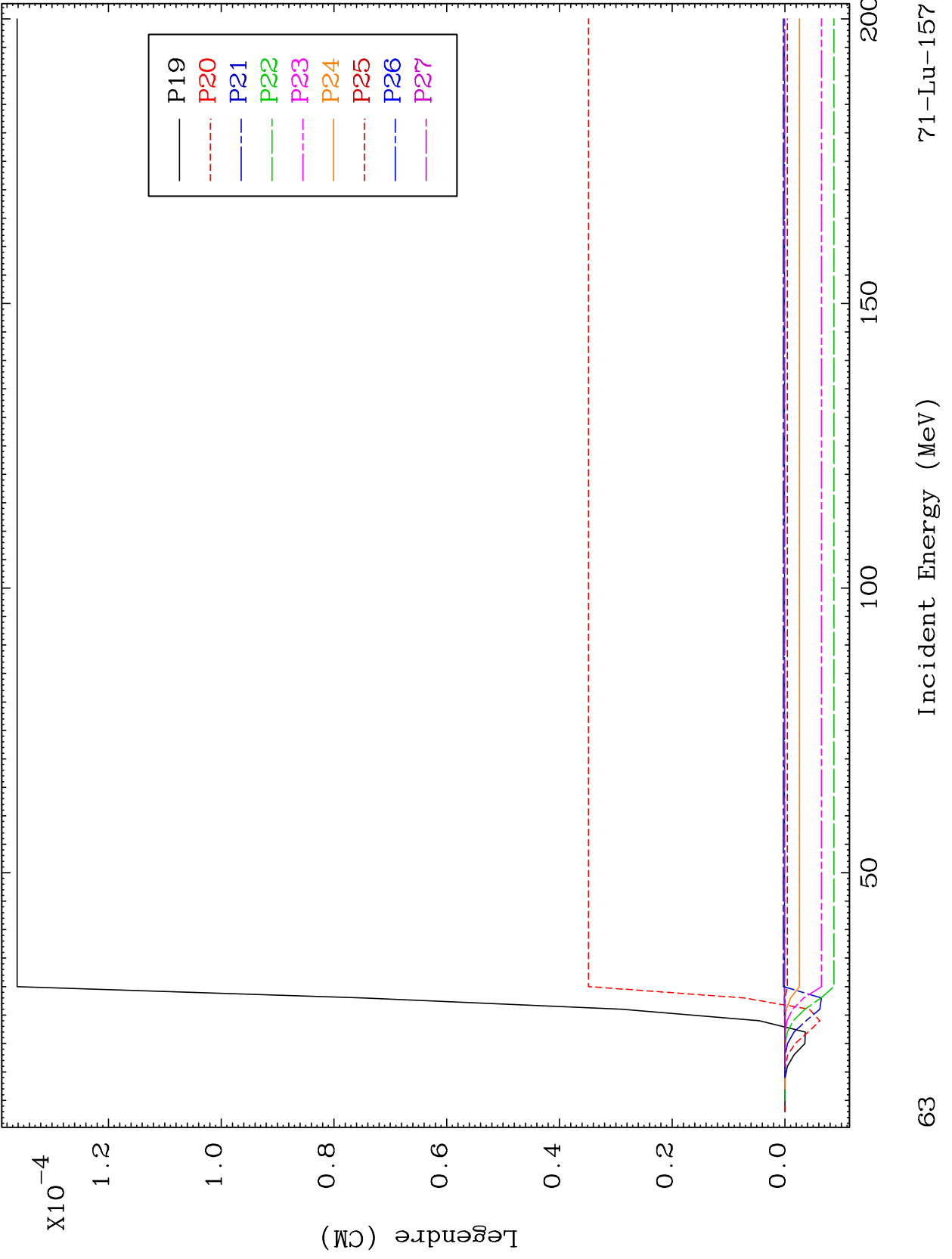
71-Lu-157



62

Incident Energy (MeV)

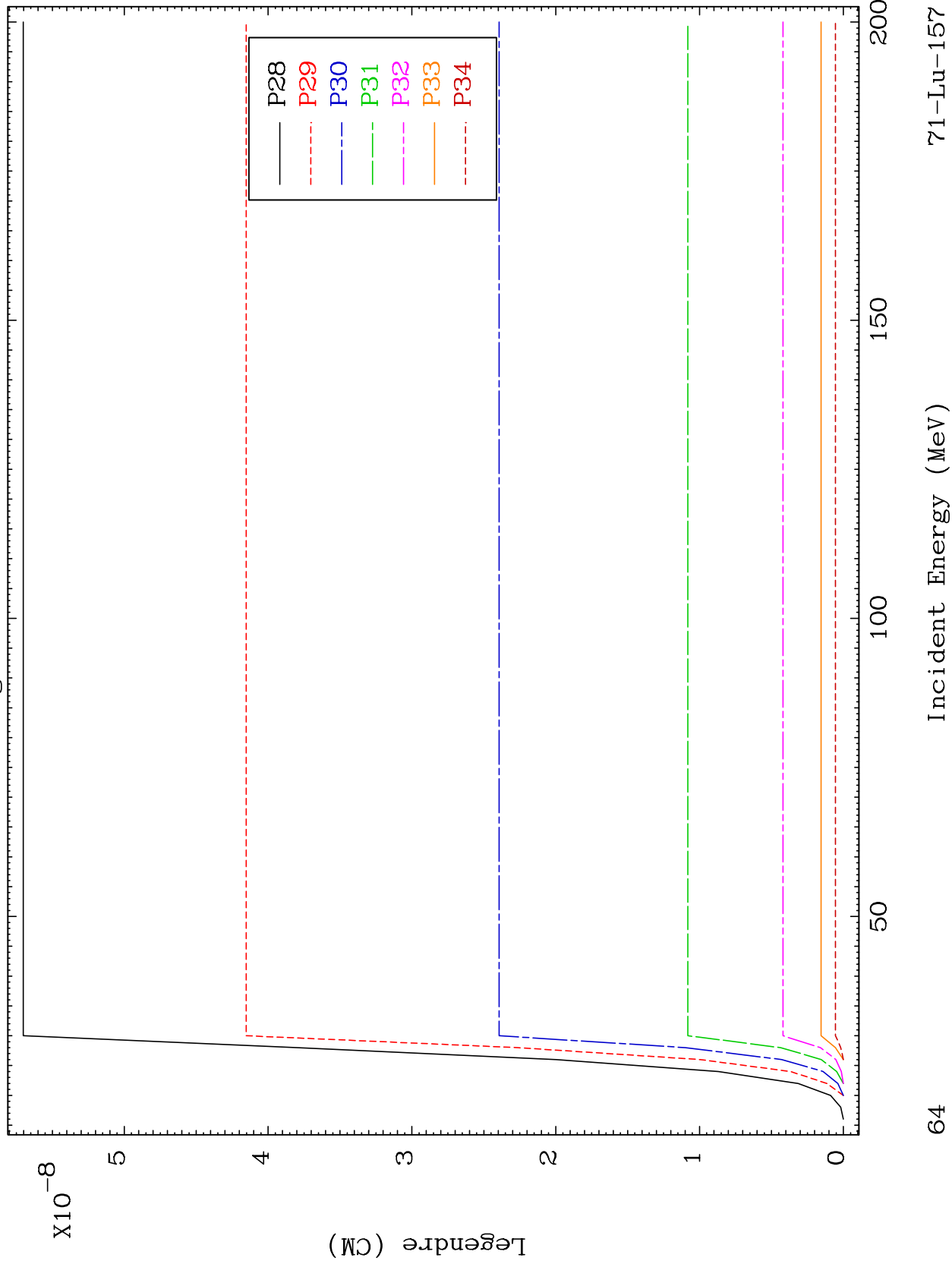
71-Lu-157



MAT 7071

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

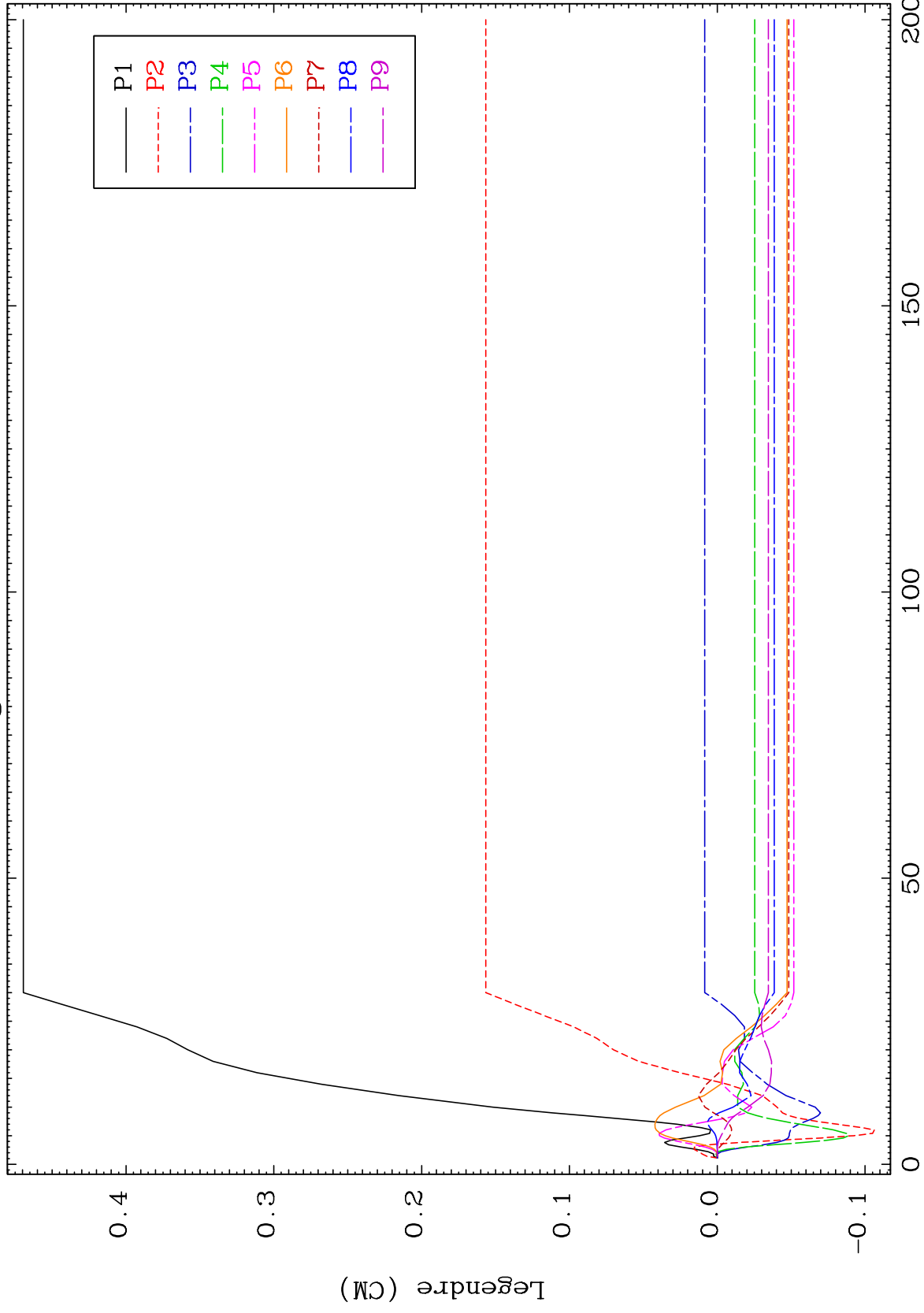
71-Lu-157



MAT 7071

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

71-Lu-157



71-Lu-157

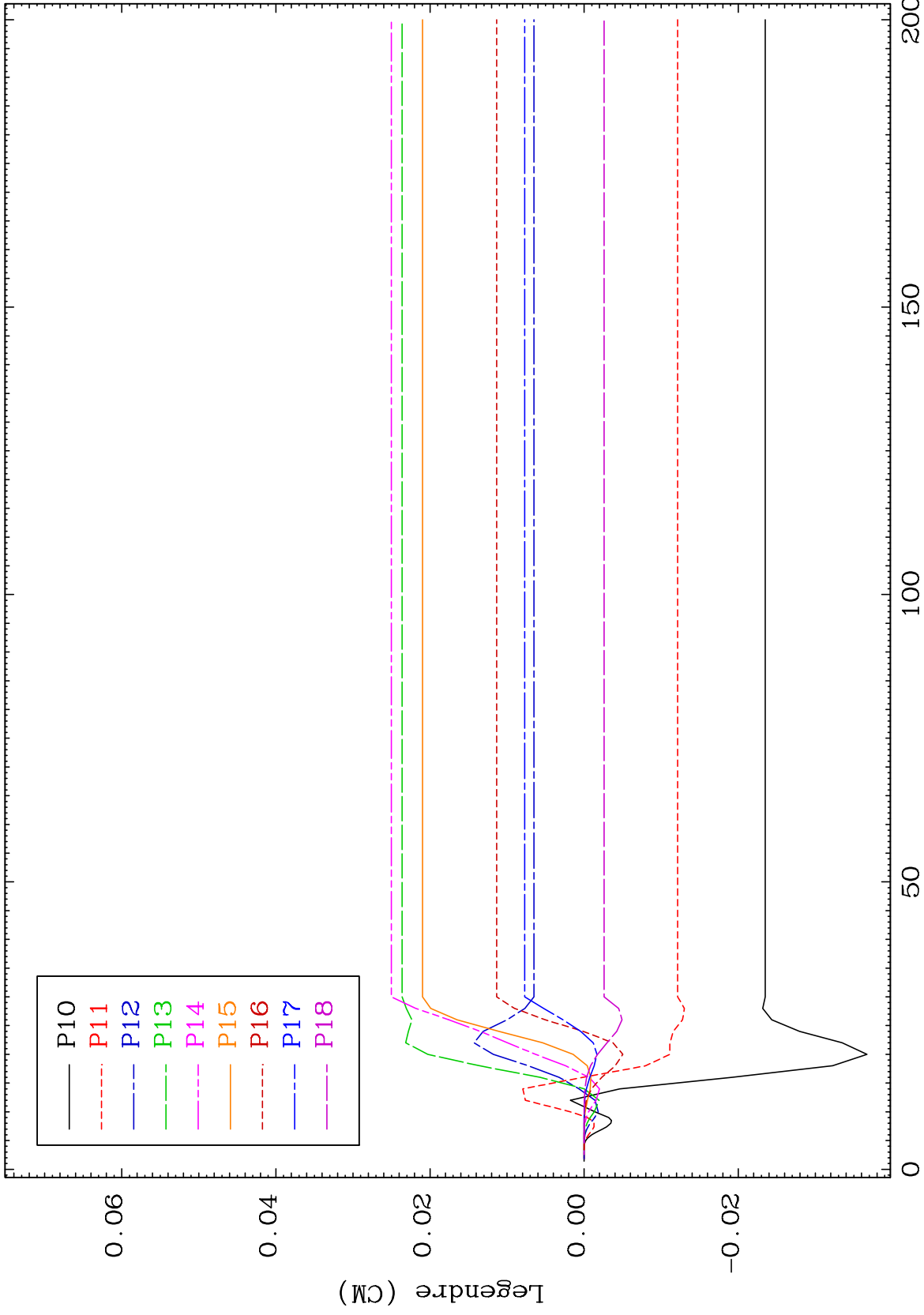
Incident Energy (MeV)

65

MAT 7071

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

71-Lu-157



66

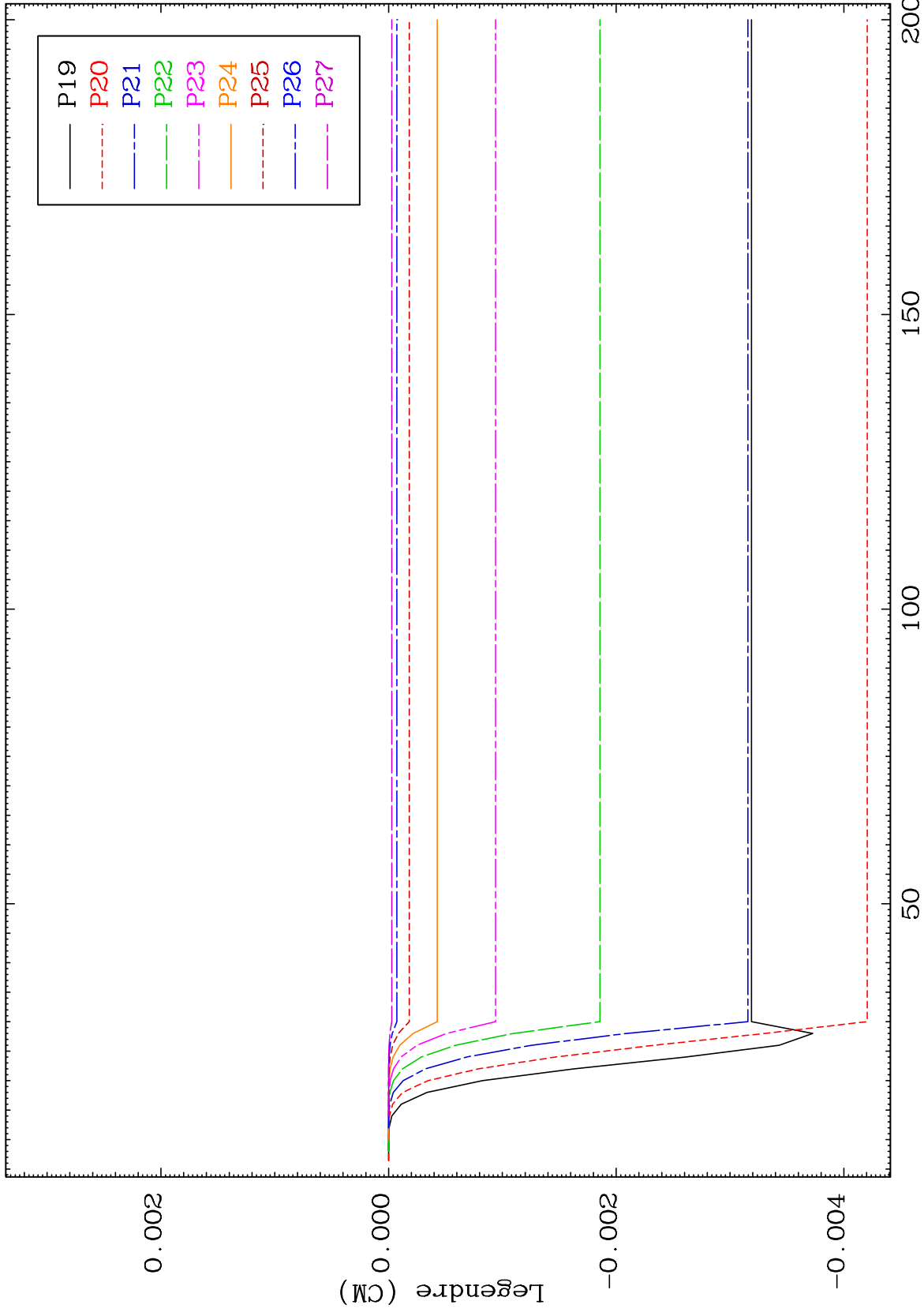
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

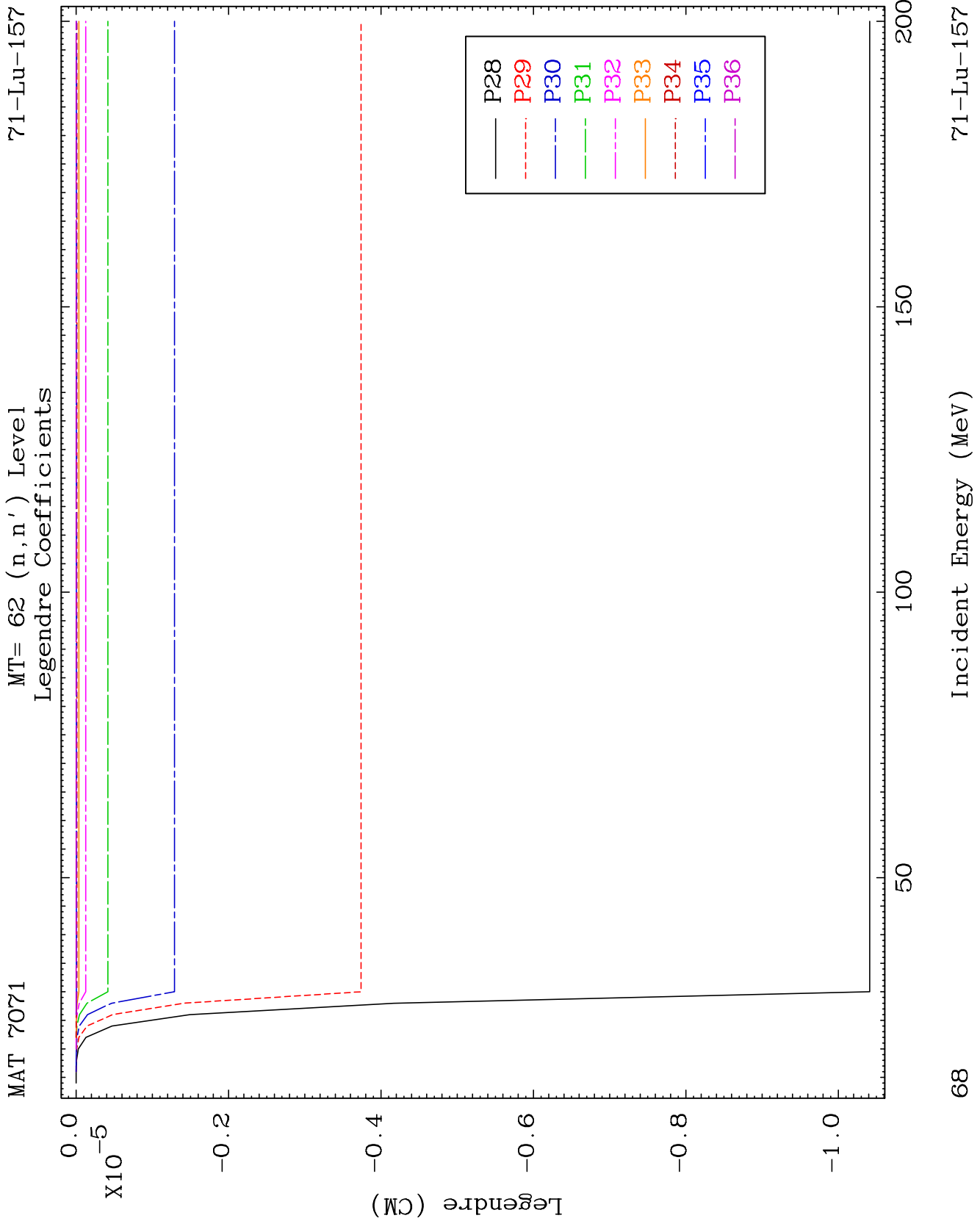
71-Lu-157



67

Incident Energy (MeV)

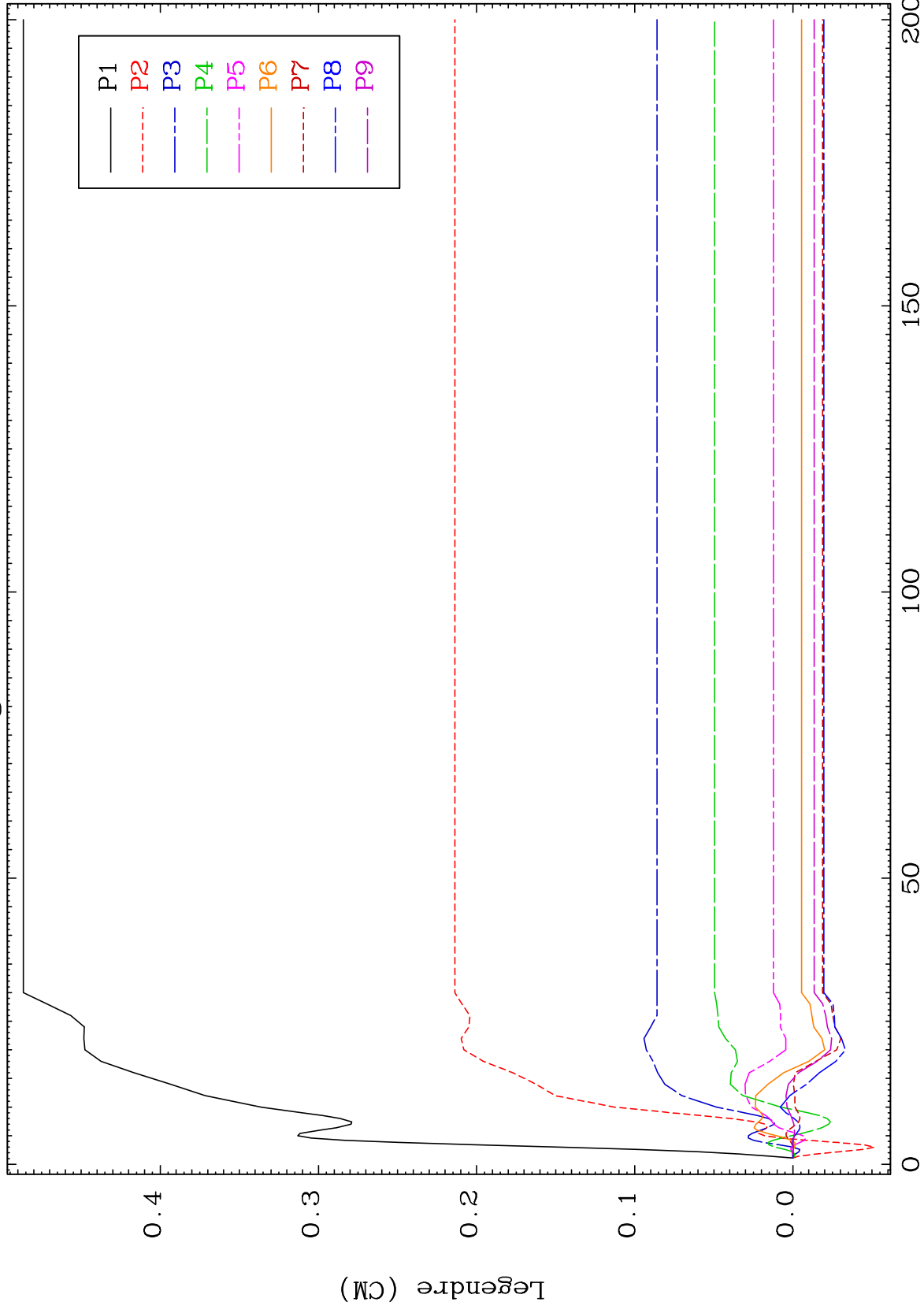
71-Lu-157



MAT 7071

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

71-Lu-157



69

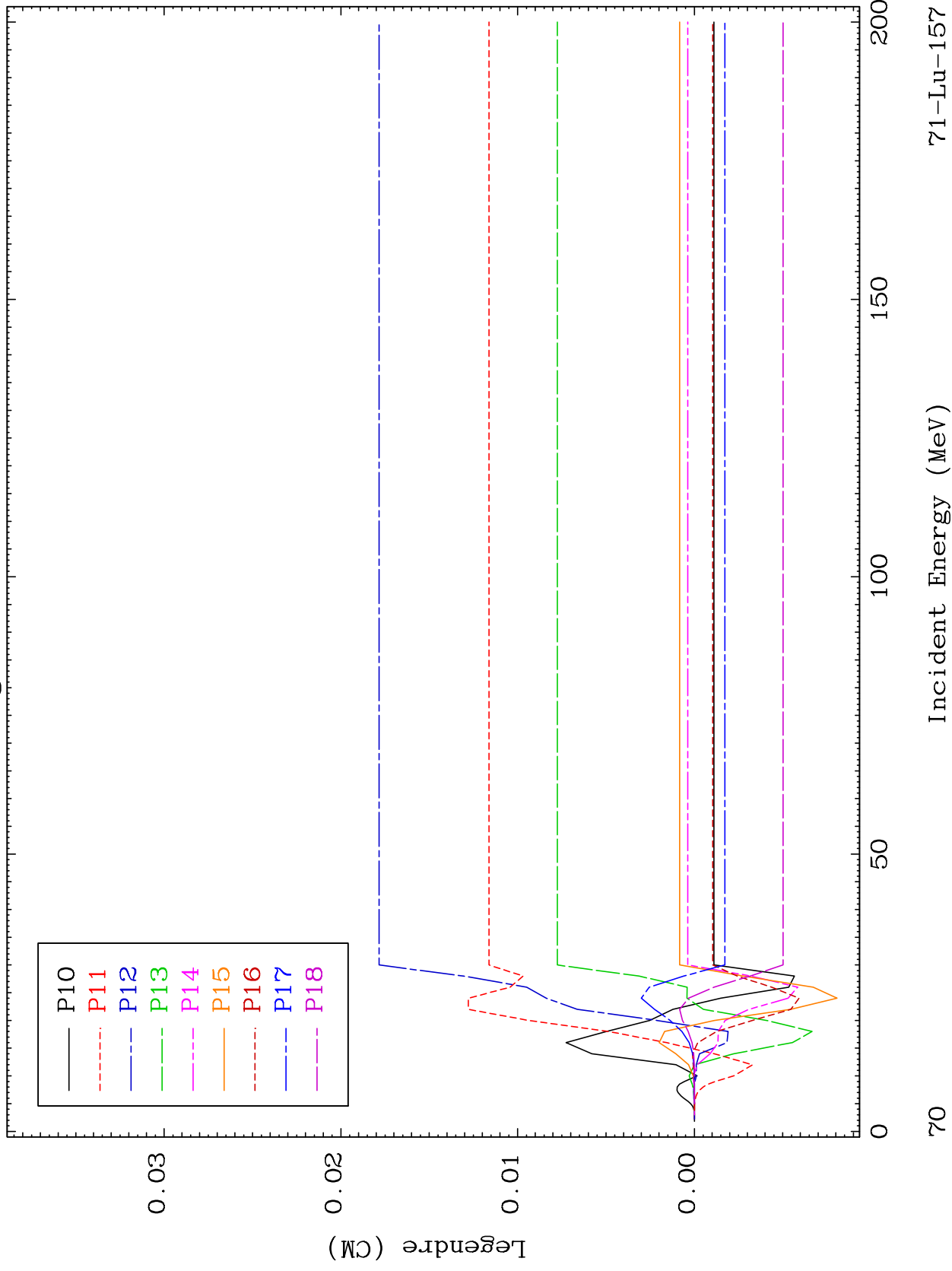
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



71-Lu-157

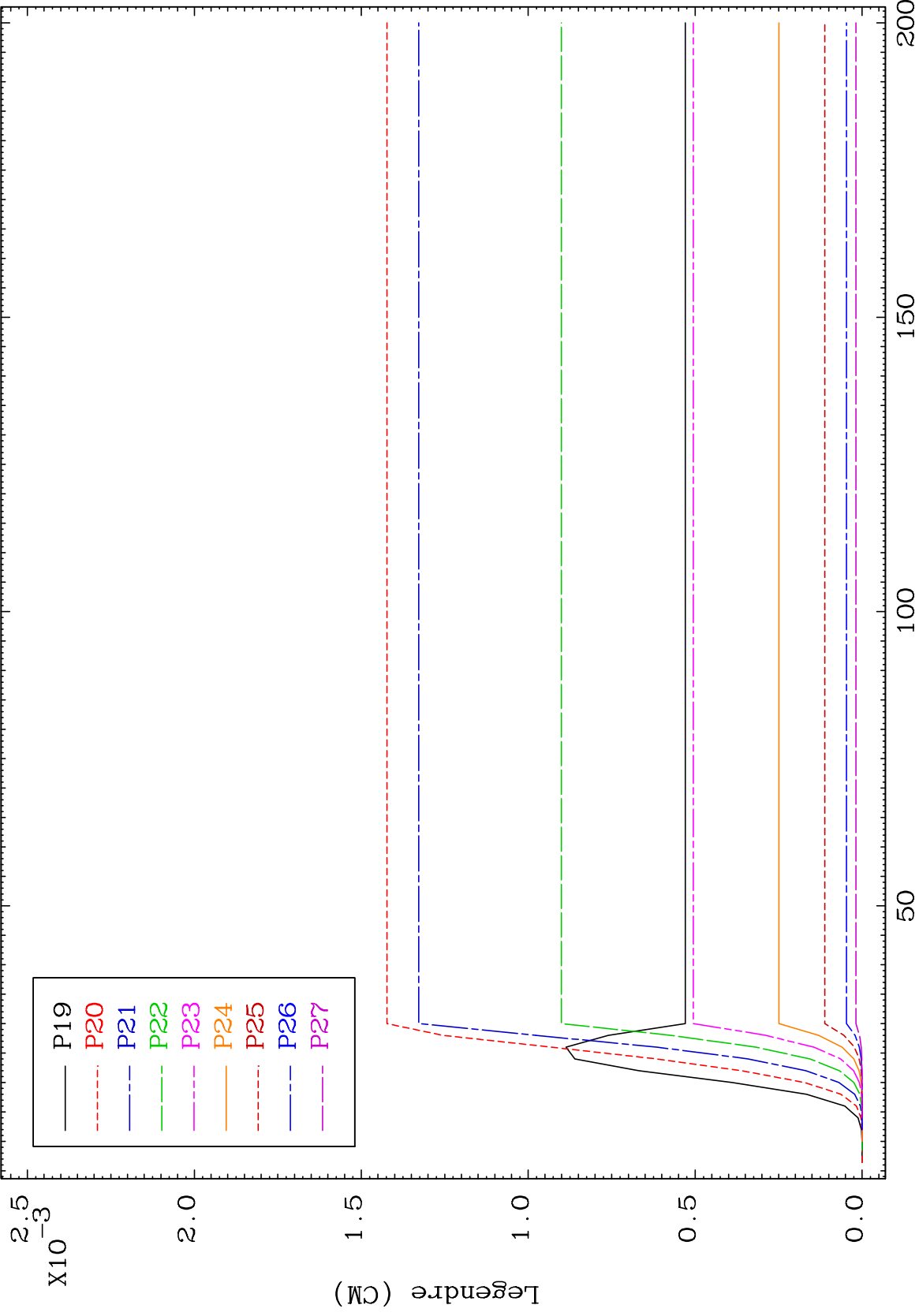
Incident Energy (MeV)

70

MAT 7071

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

71-Lu-157



71

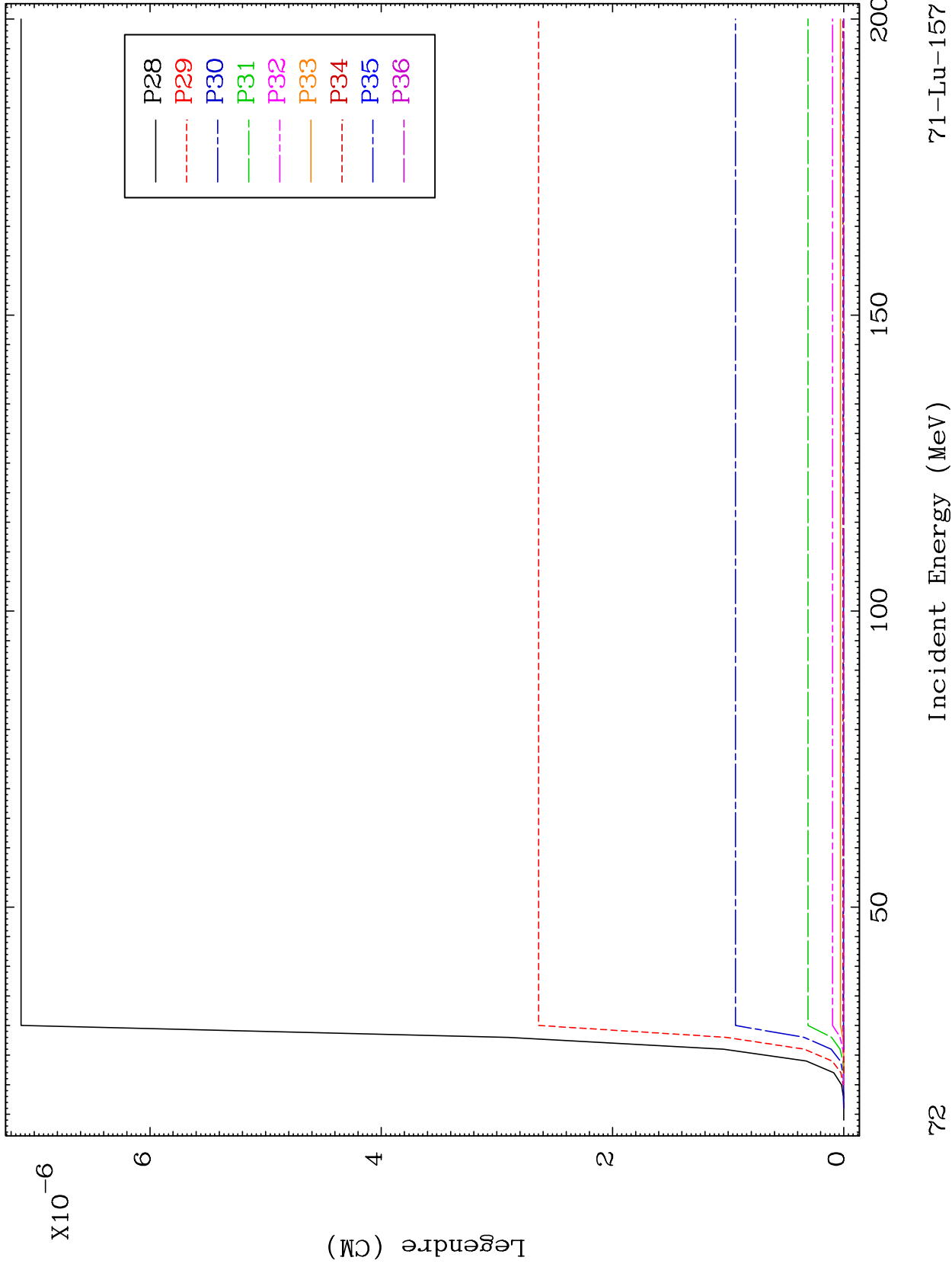
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

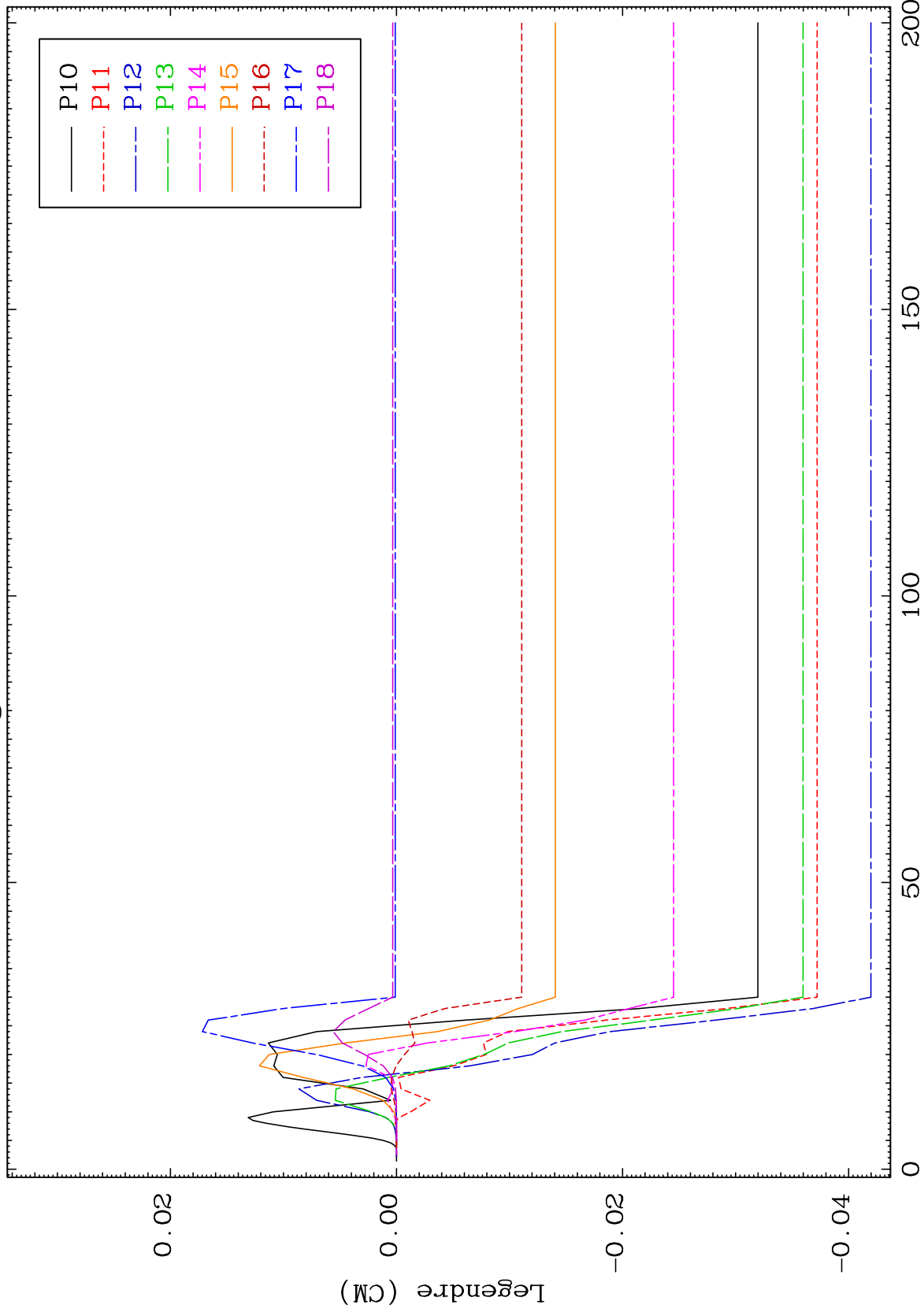
71-Lu-157



MAT 7071

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

71-Lu-157



74

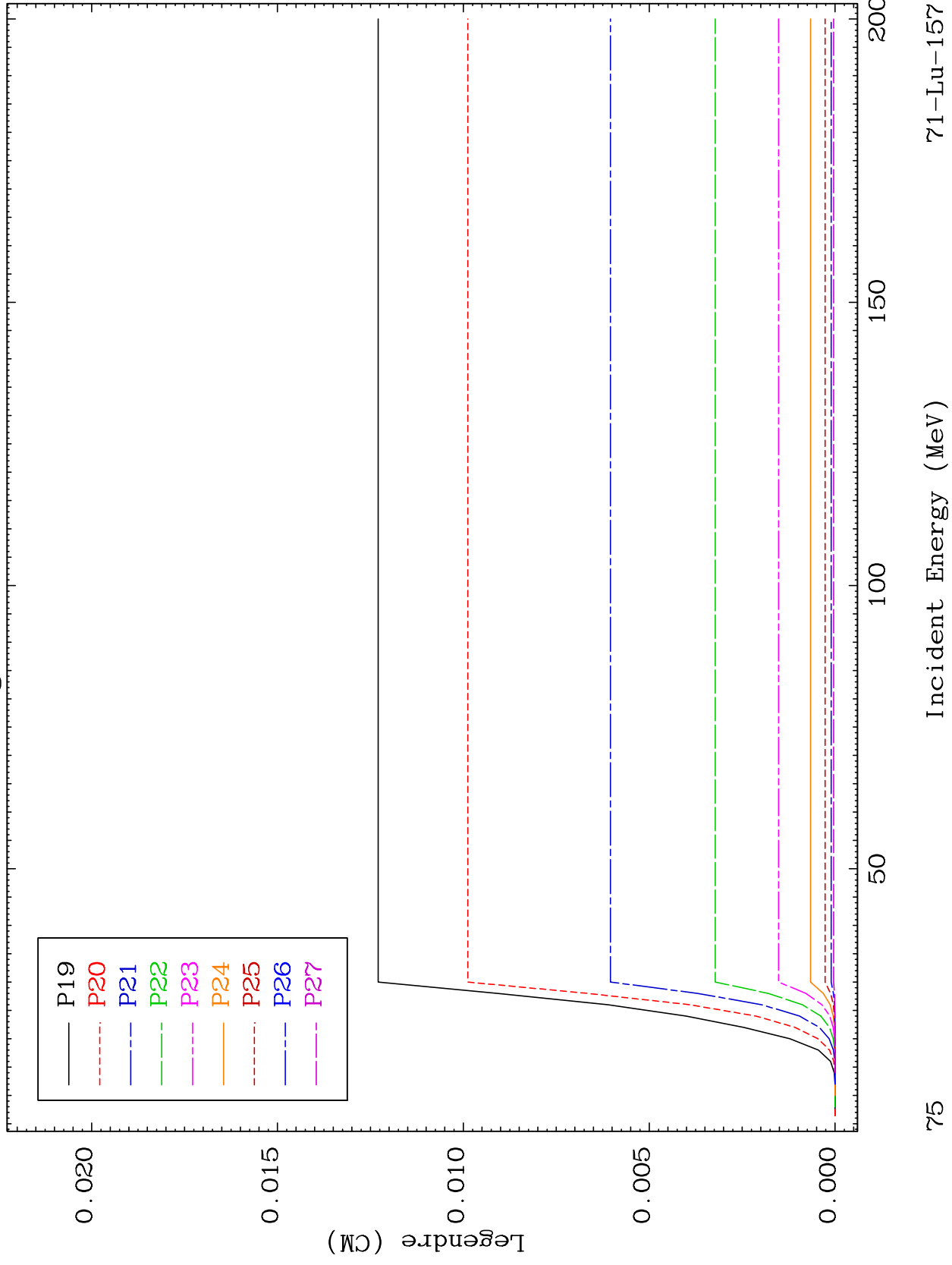
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



71-Lu-157

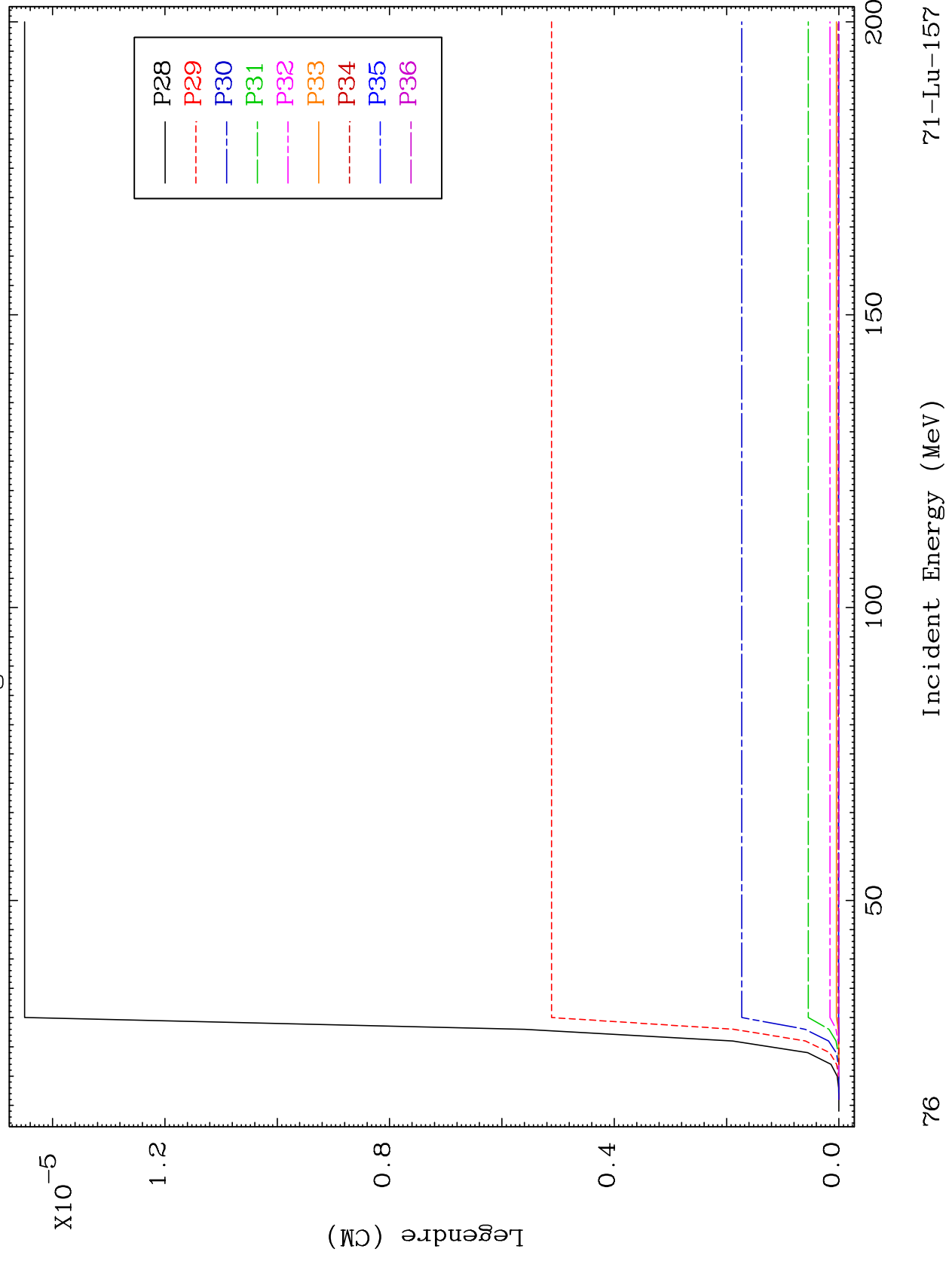
Incident Energy (MeV)

75

MAT 7071

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

71-Lu-157



71-Lu-157

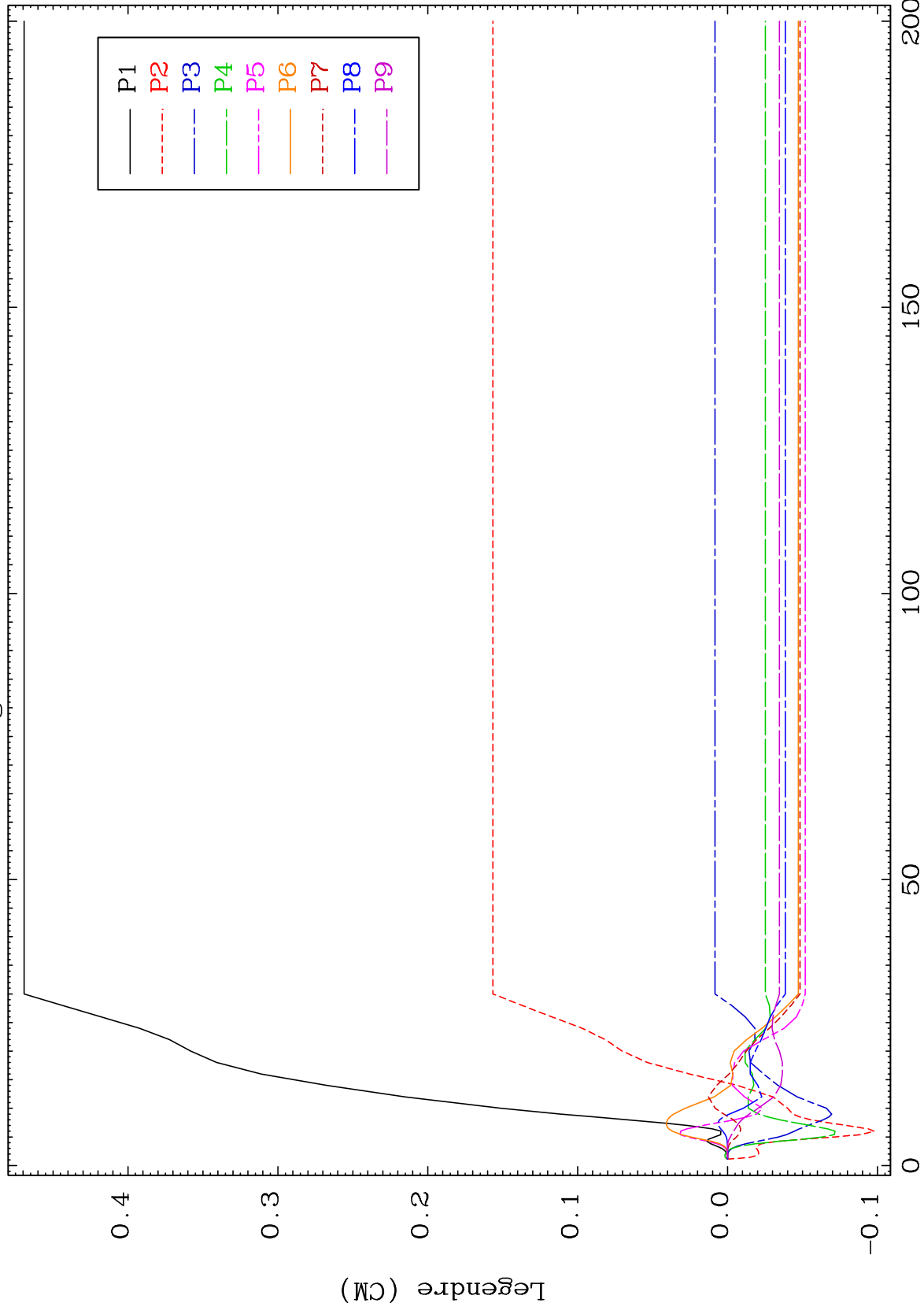
Incident Energy (MeV)

76

MAT 7071

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

71-Lu-157



77

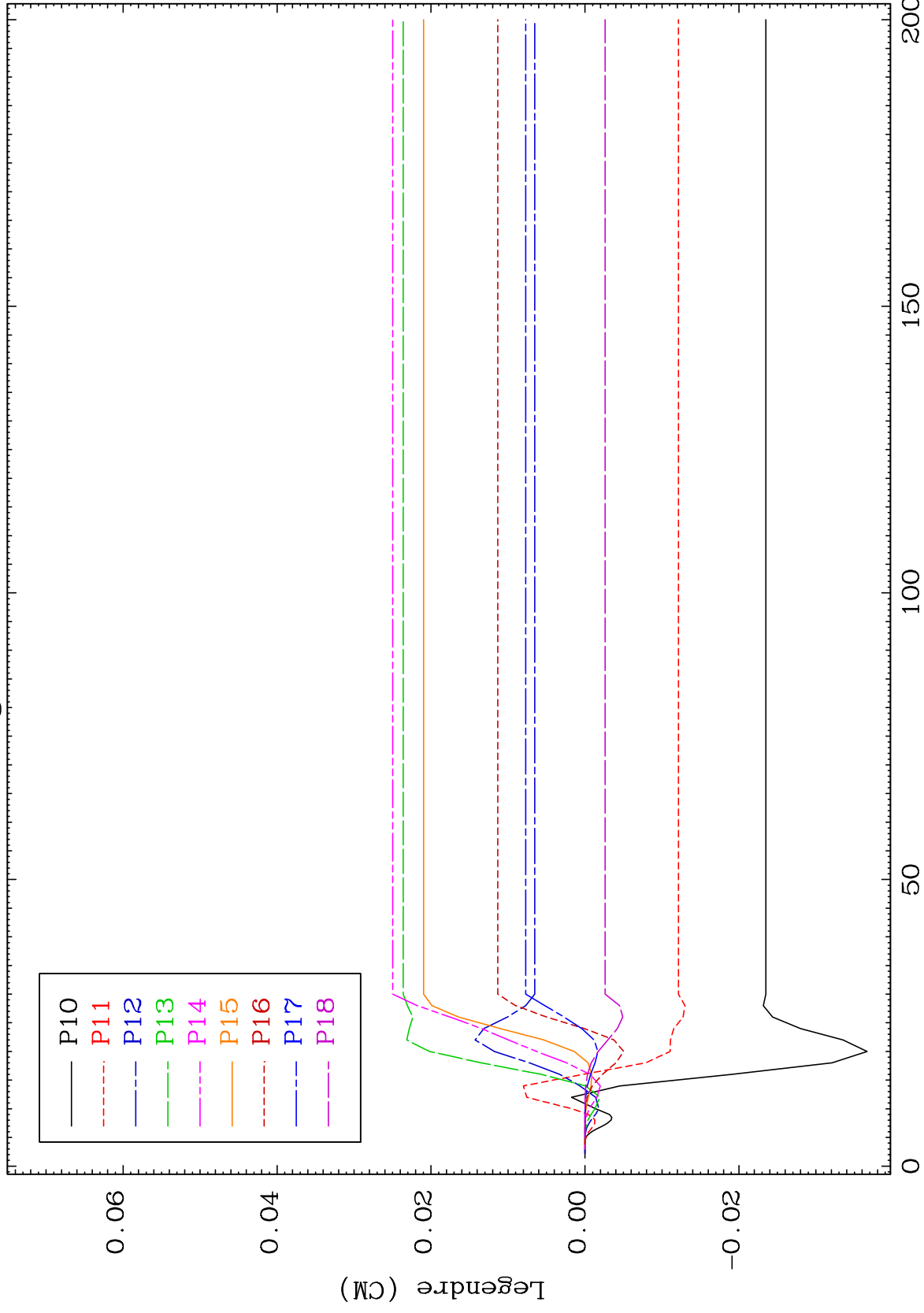
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



78

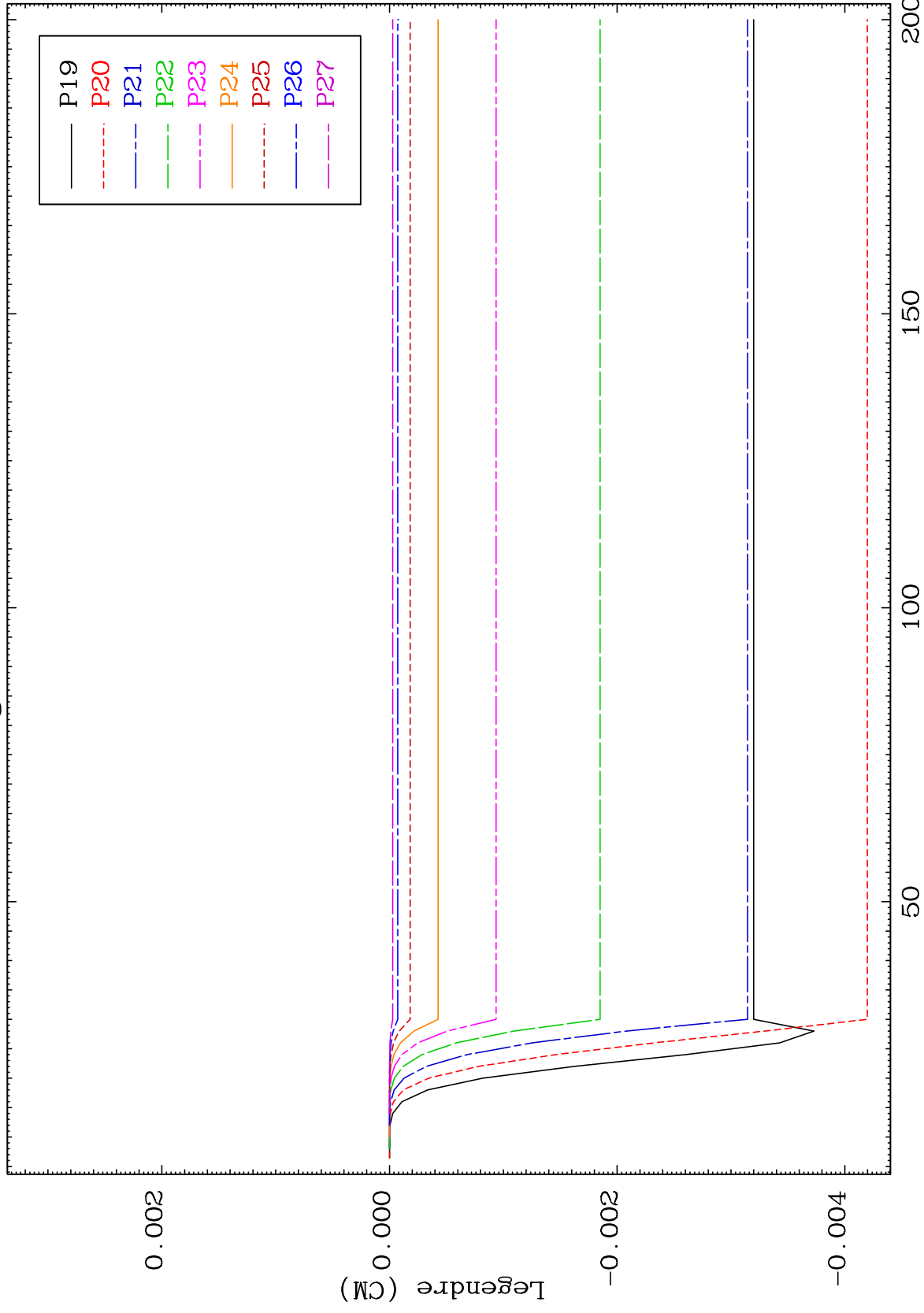
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

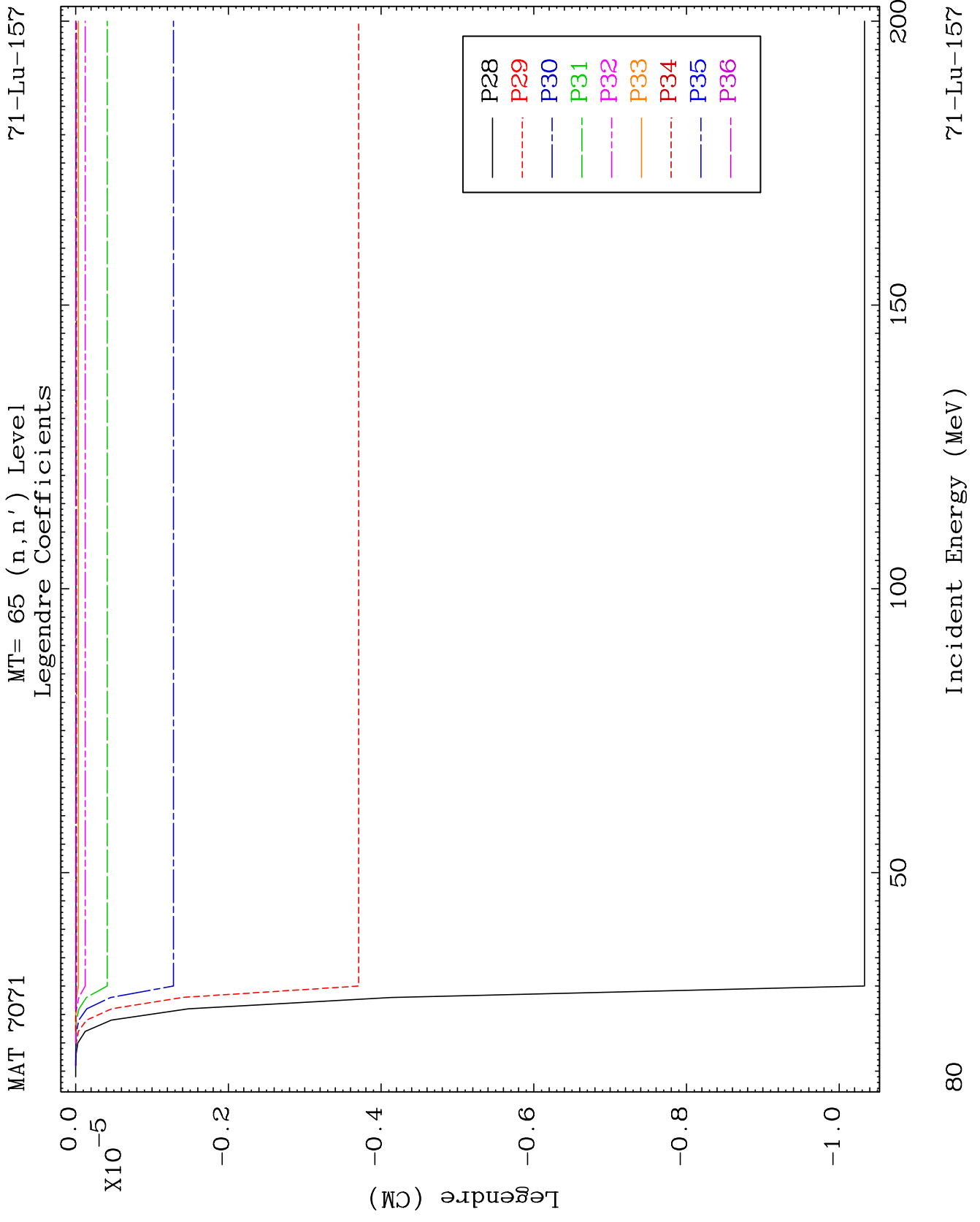
71-Lu-157



79

Incident Energy (MeV)

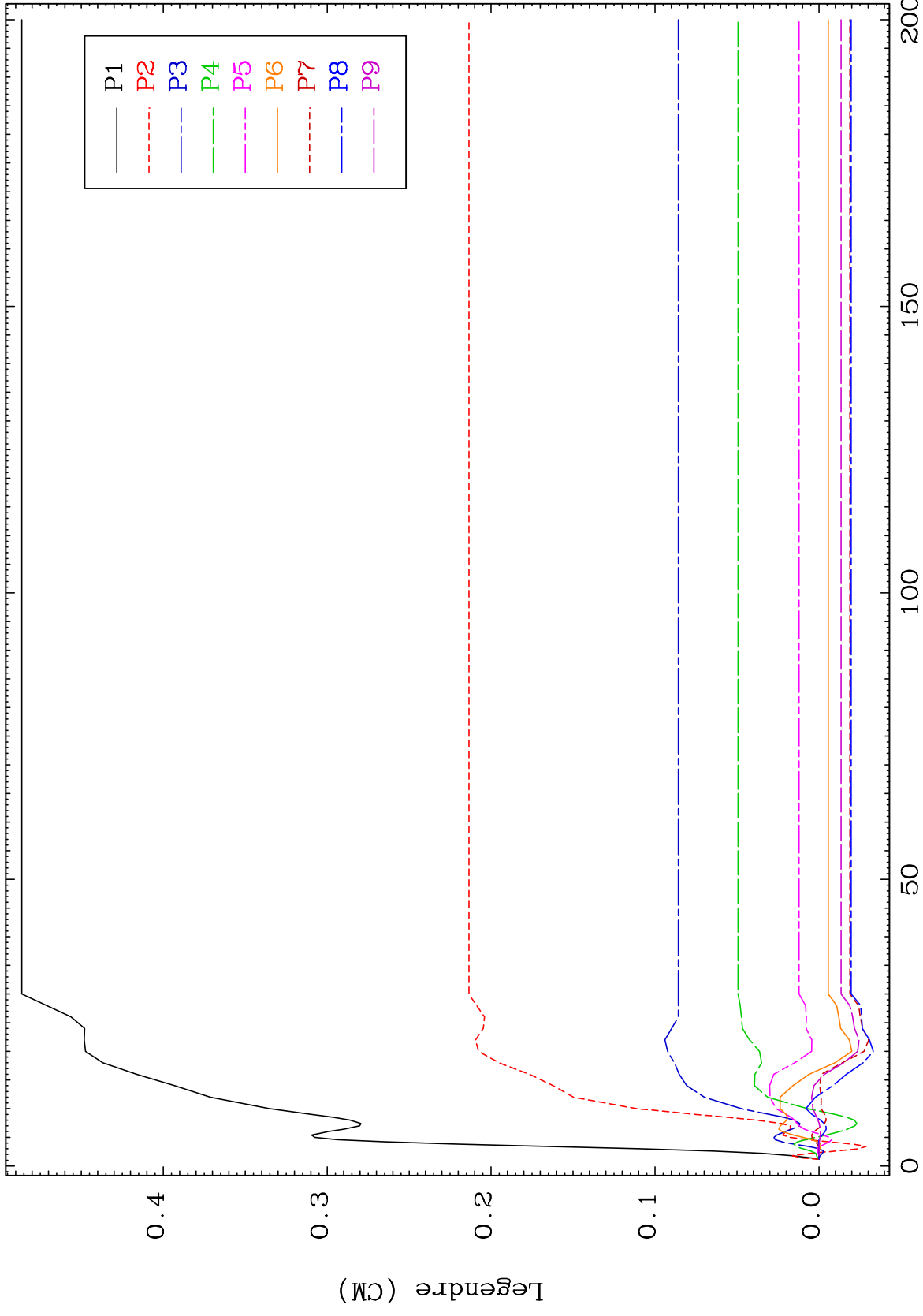
71-Lu-157



MAT 7071

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

71-Lu-157



81

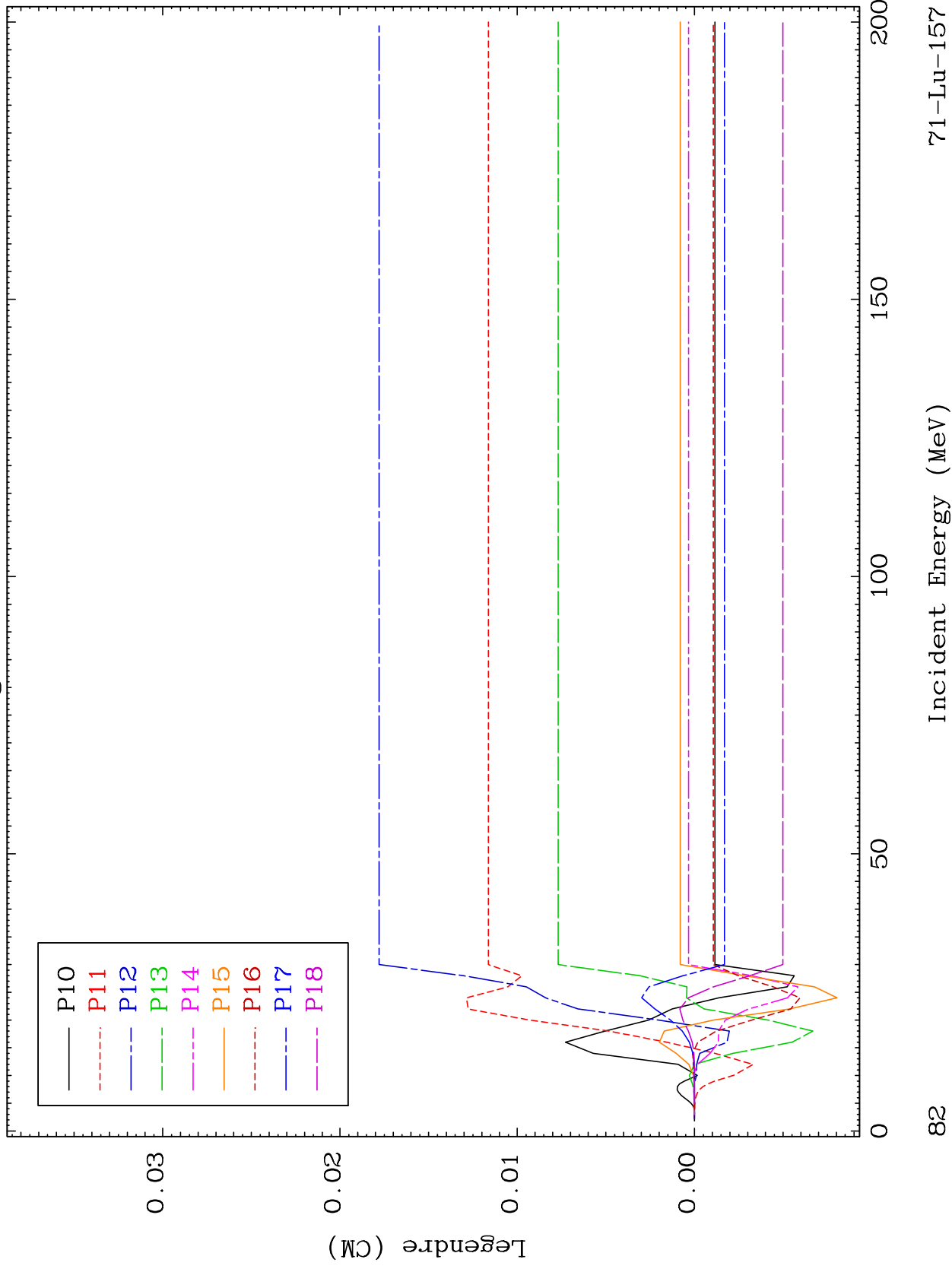
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

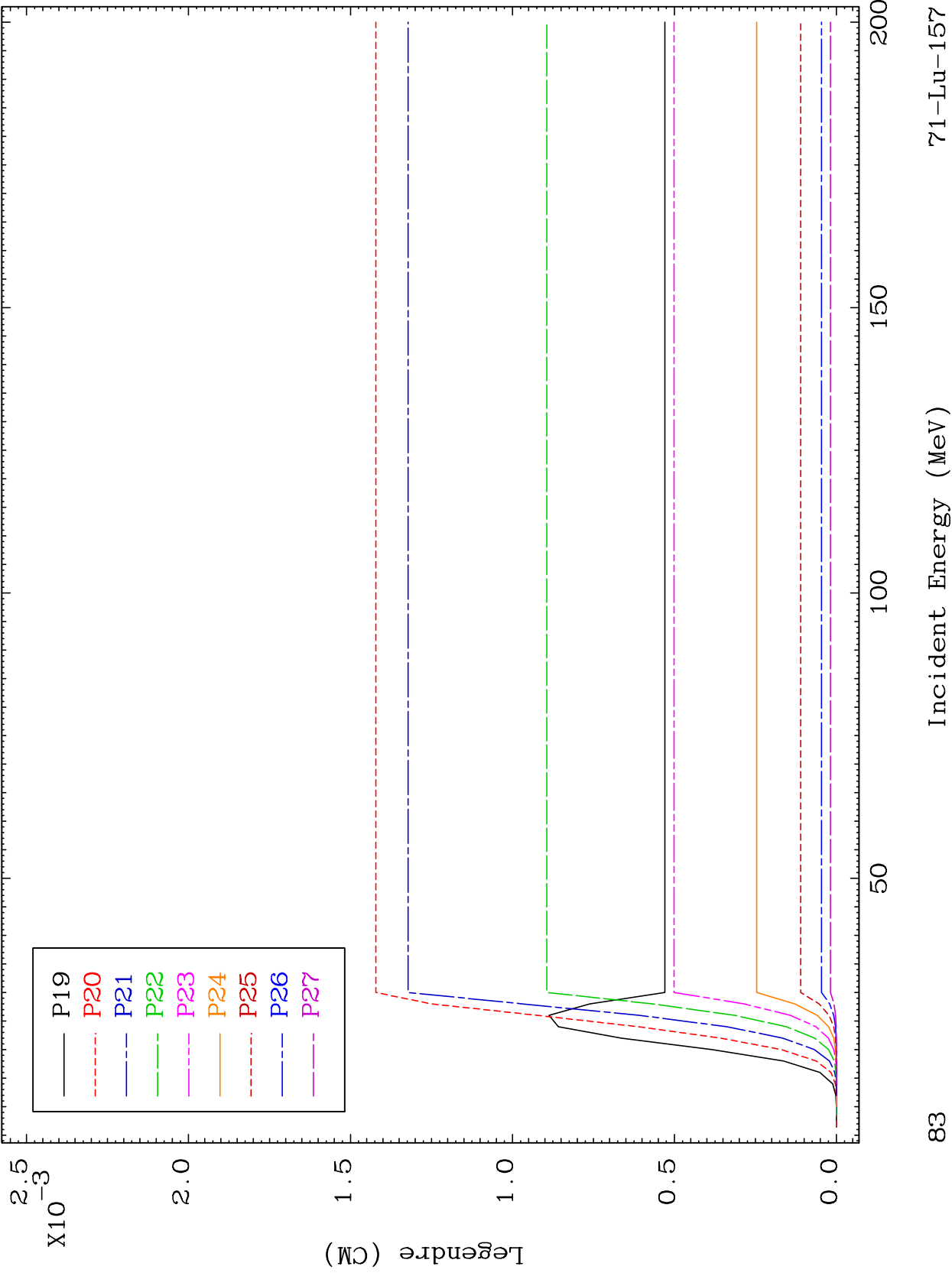
71-Lu-157



71-Lu-157

Incident Energy (MeV)

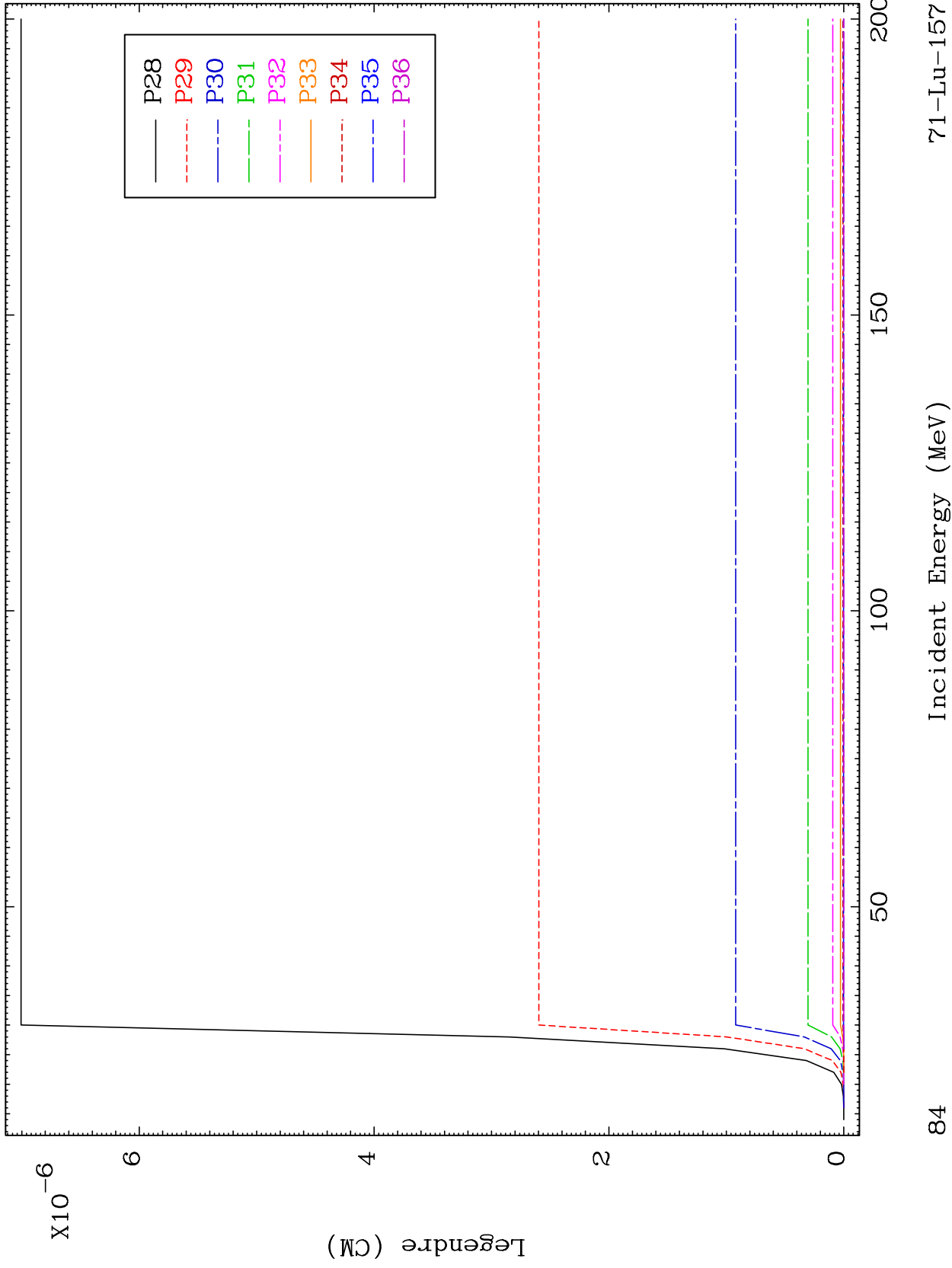
82



MAT 7071

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

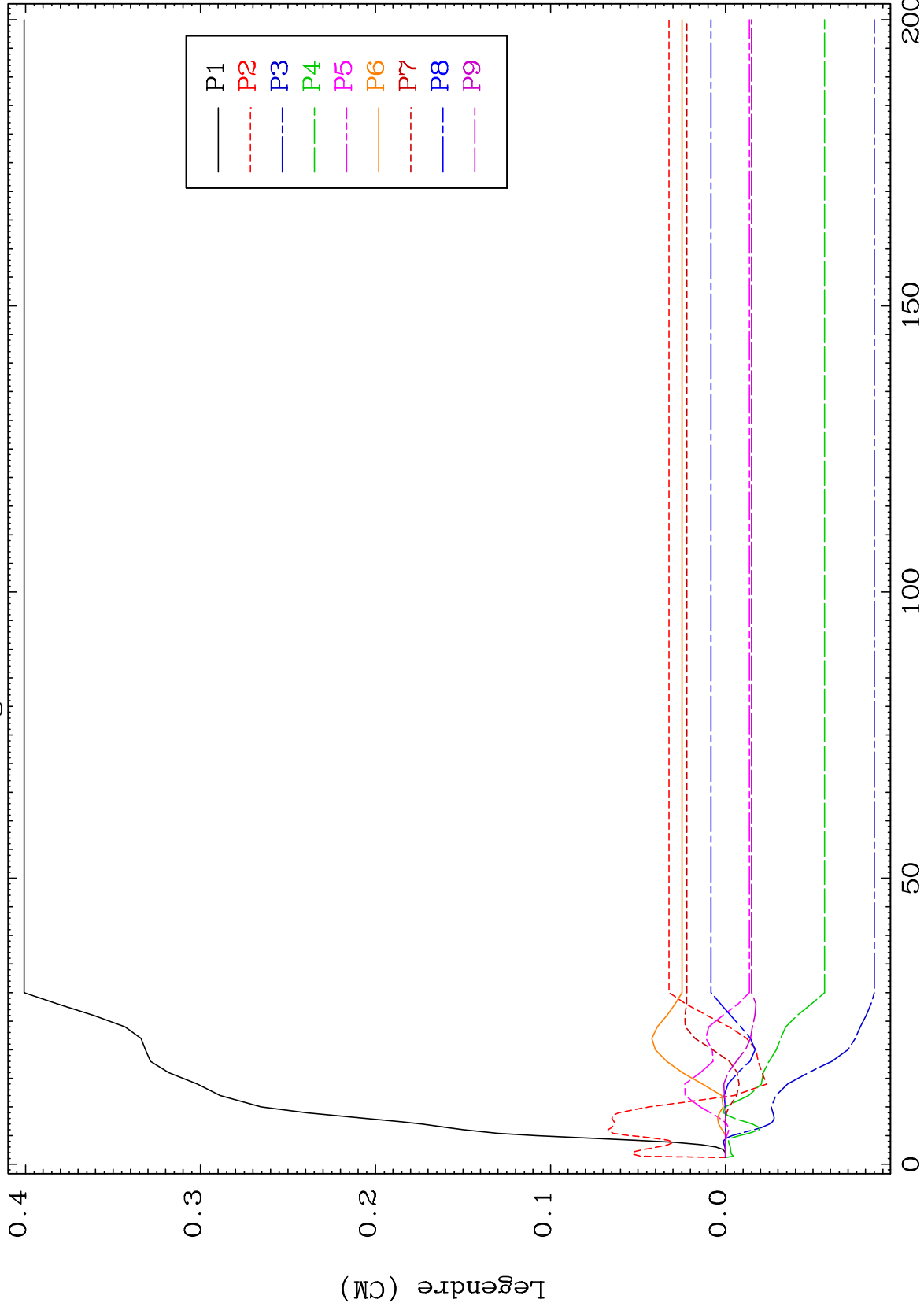
71-Lu-157



MAT 7071

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

71-Lu-157



85

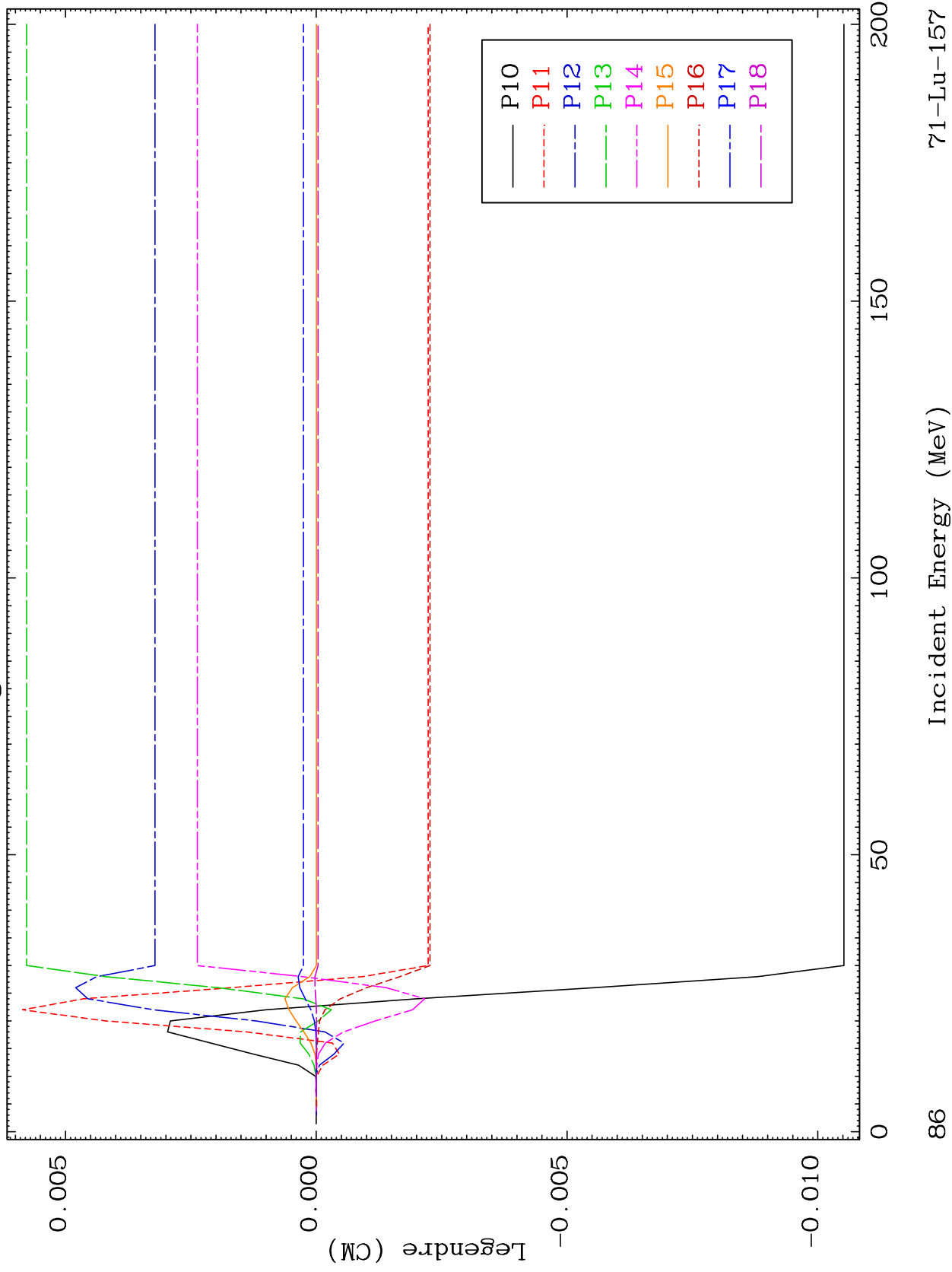
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

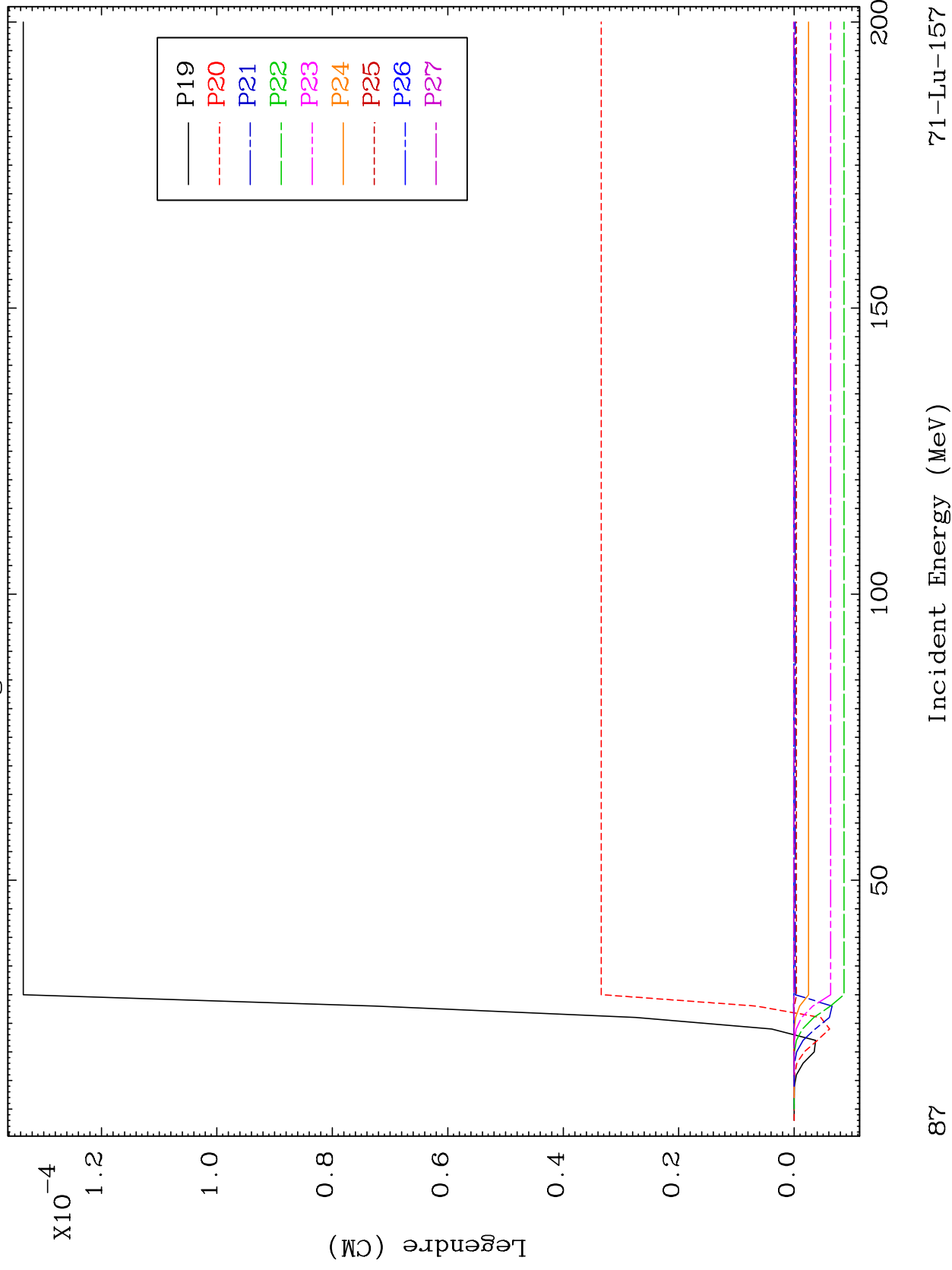
71-Lu-157

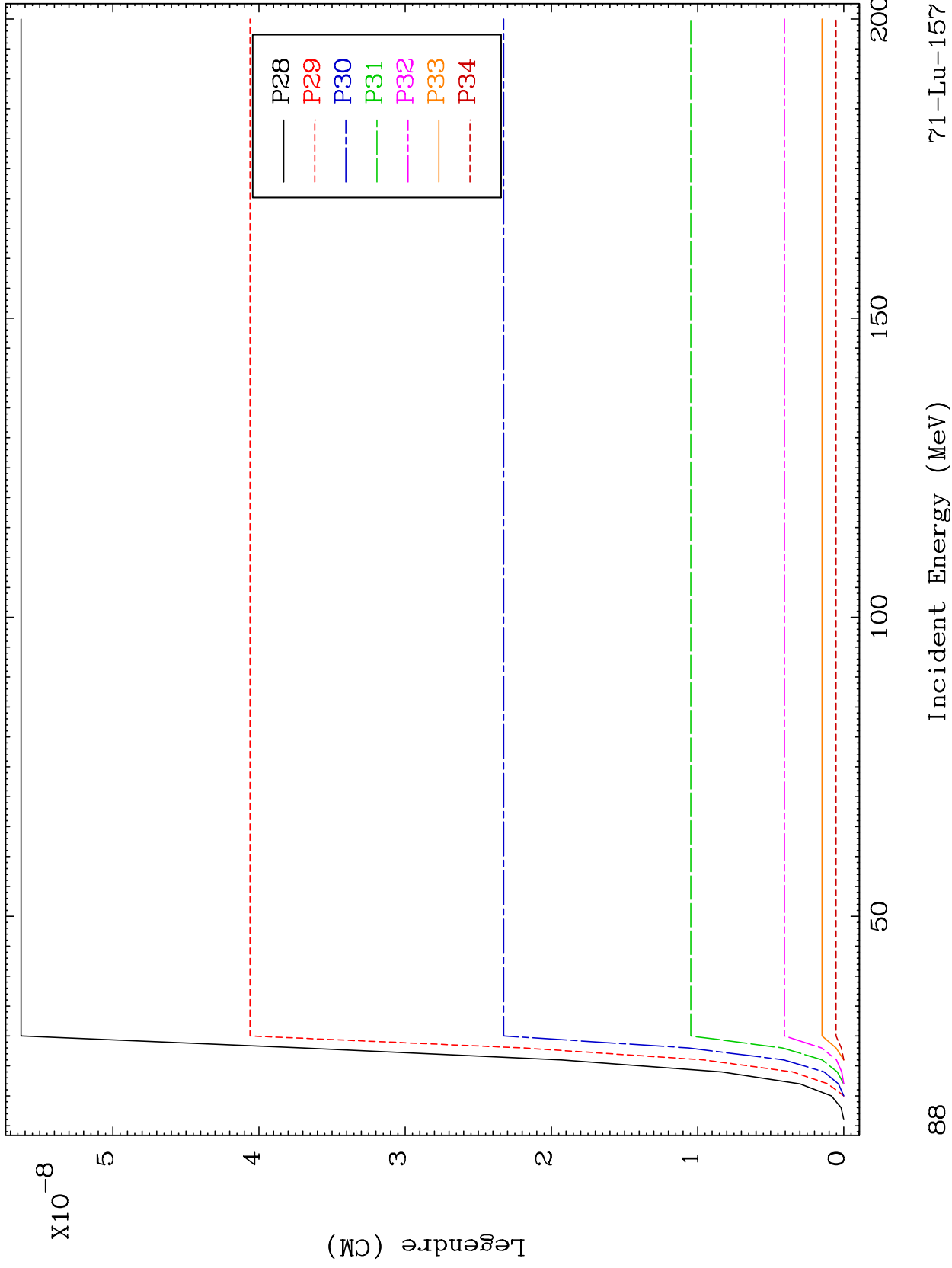


MAT 7071

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

71-Lu-157

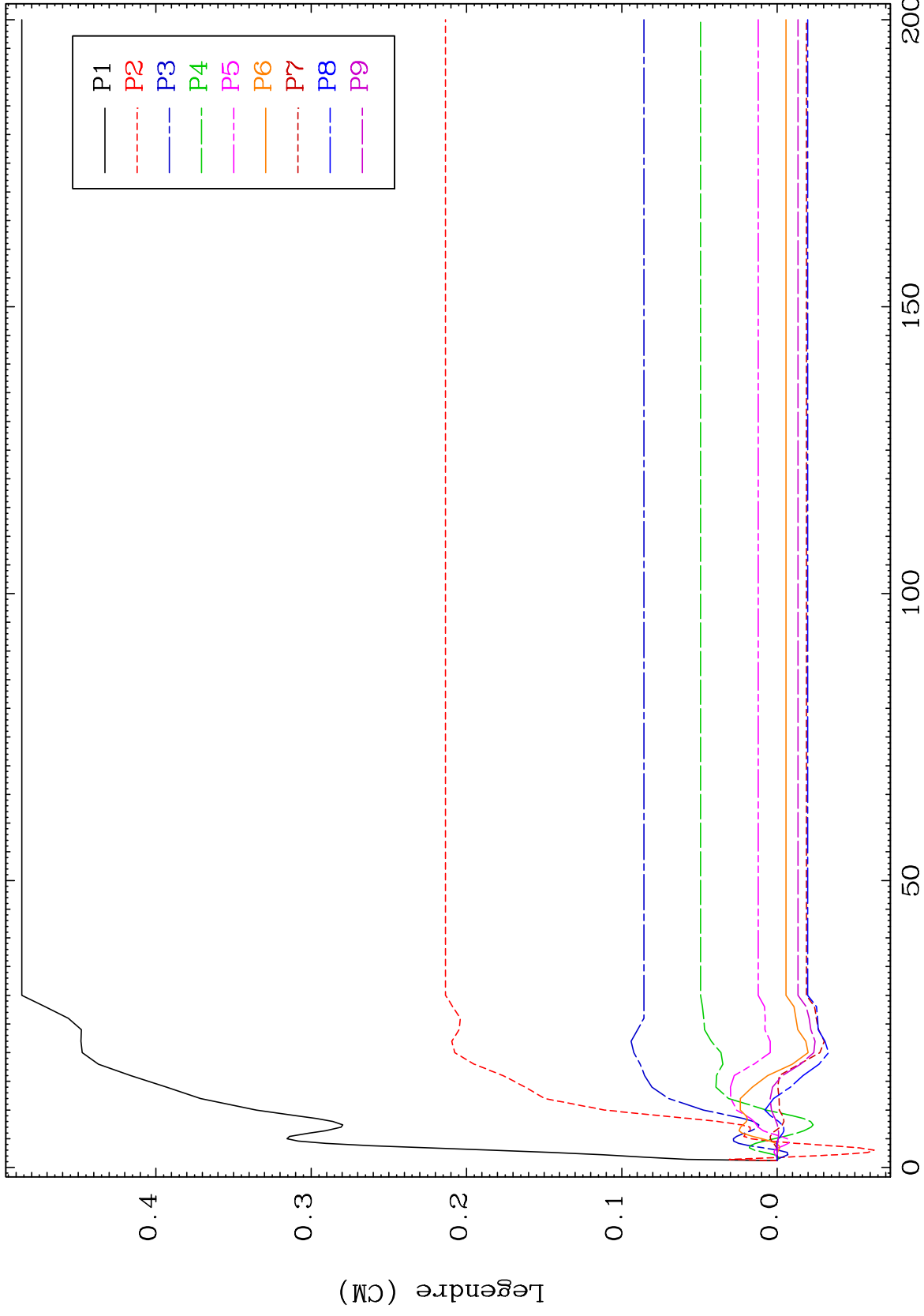




MAT 7071

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

71-Lu-157



89

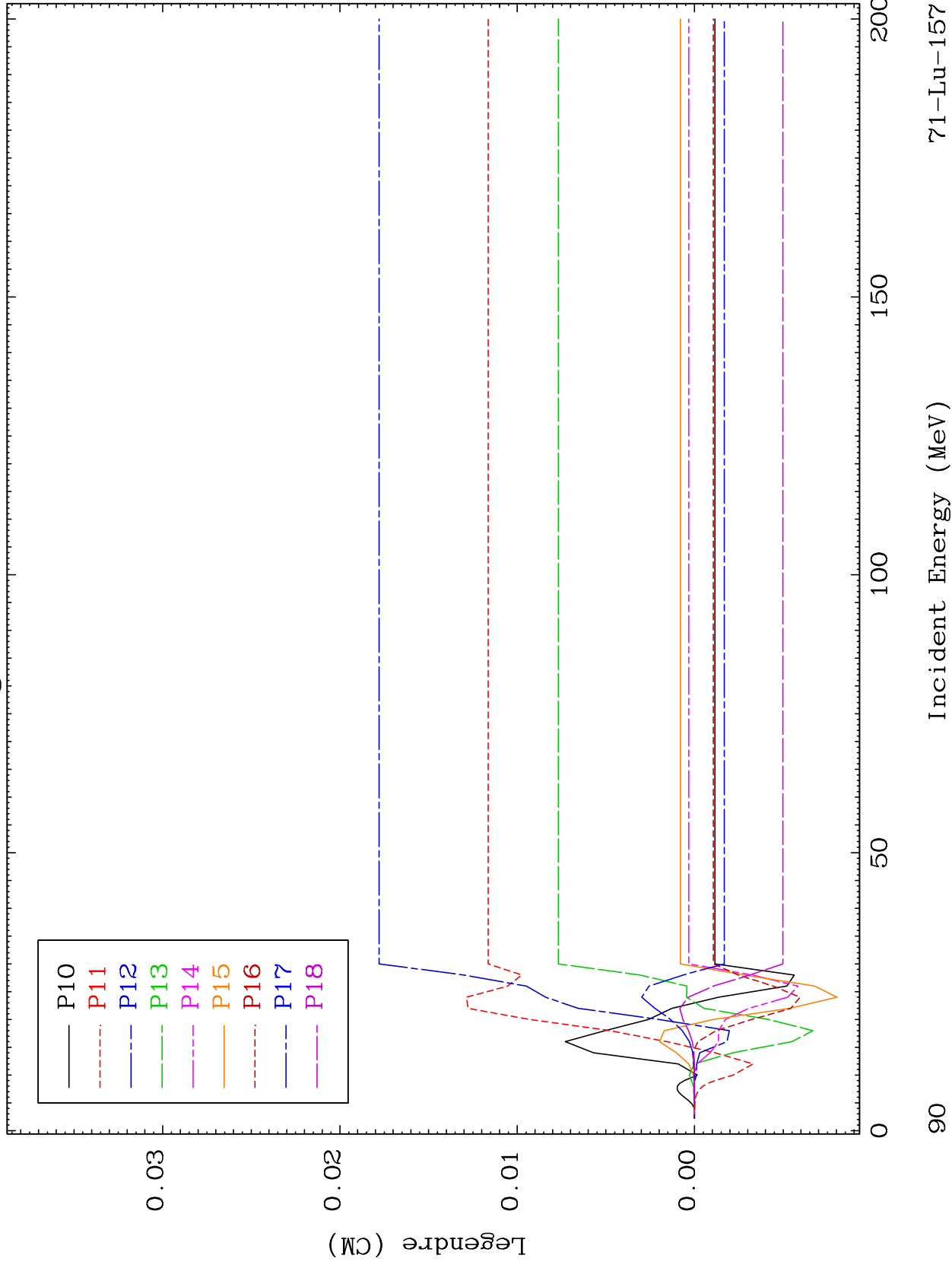
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

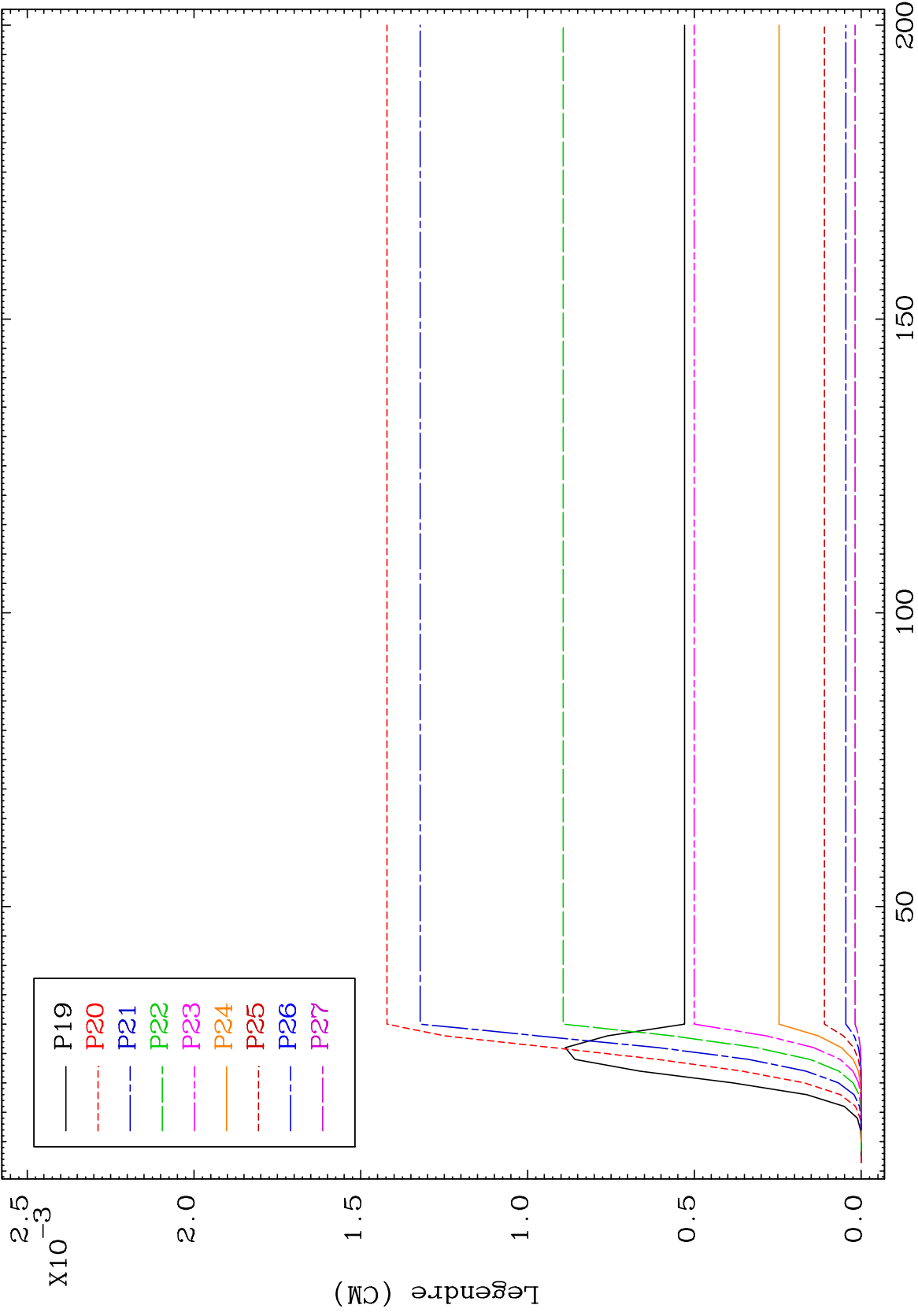
71-Lu-157



71-Lu-157

Incident Energy (MeV)

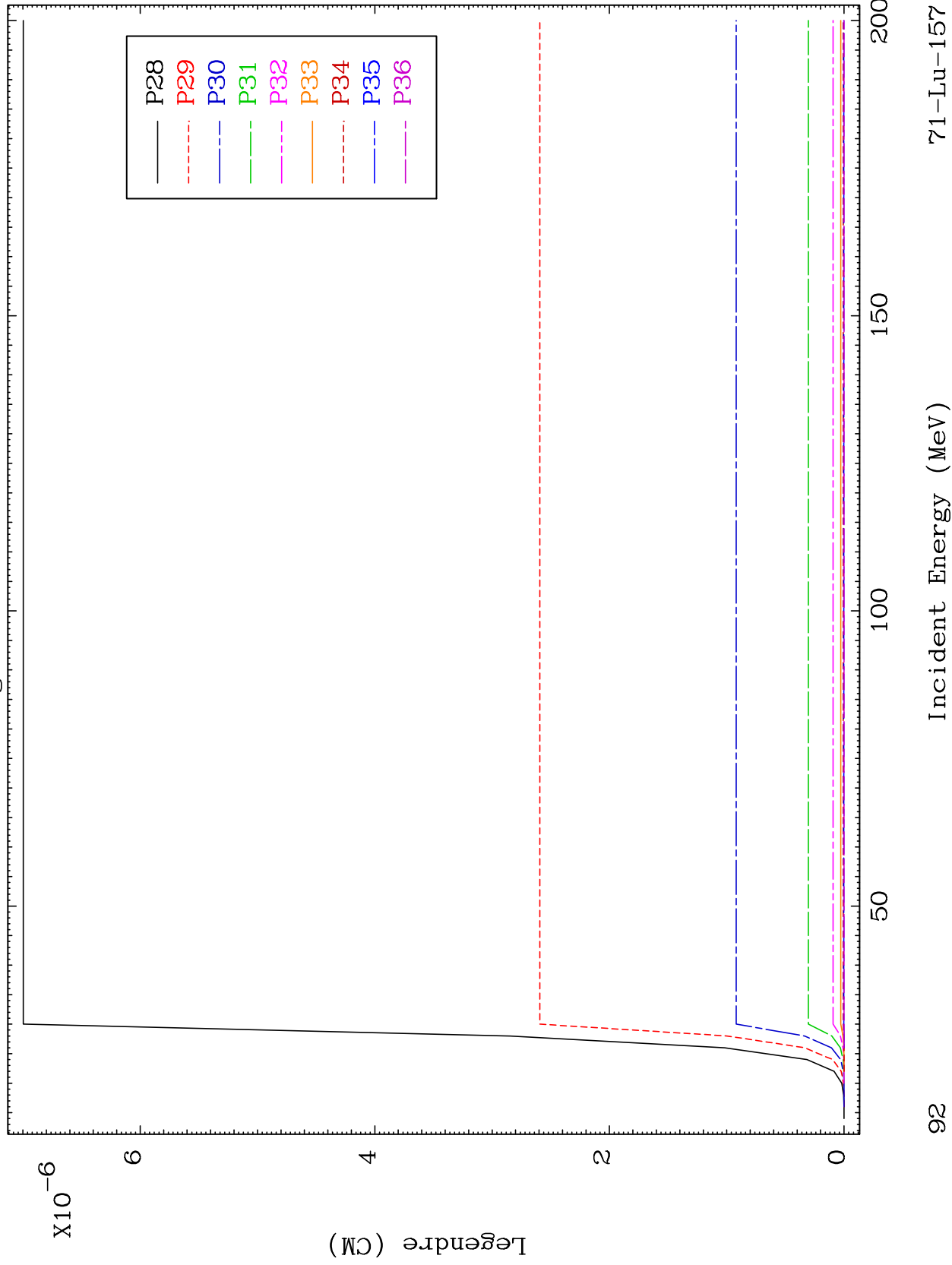
90



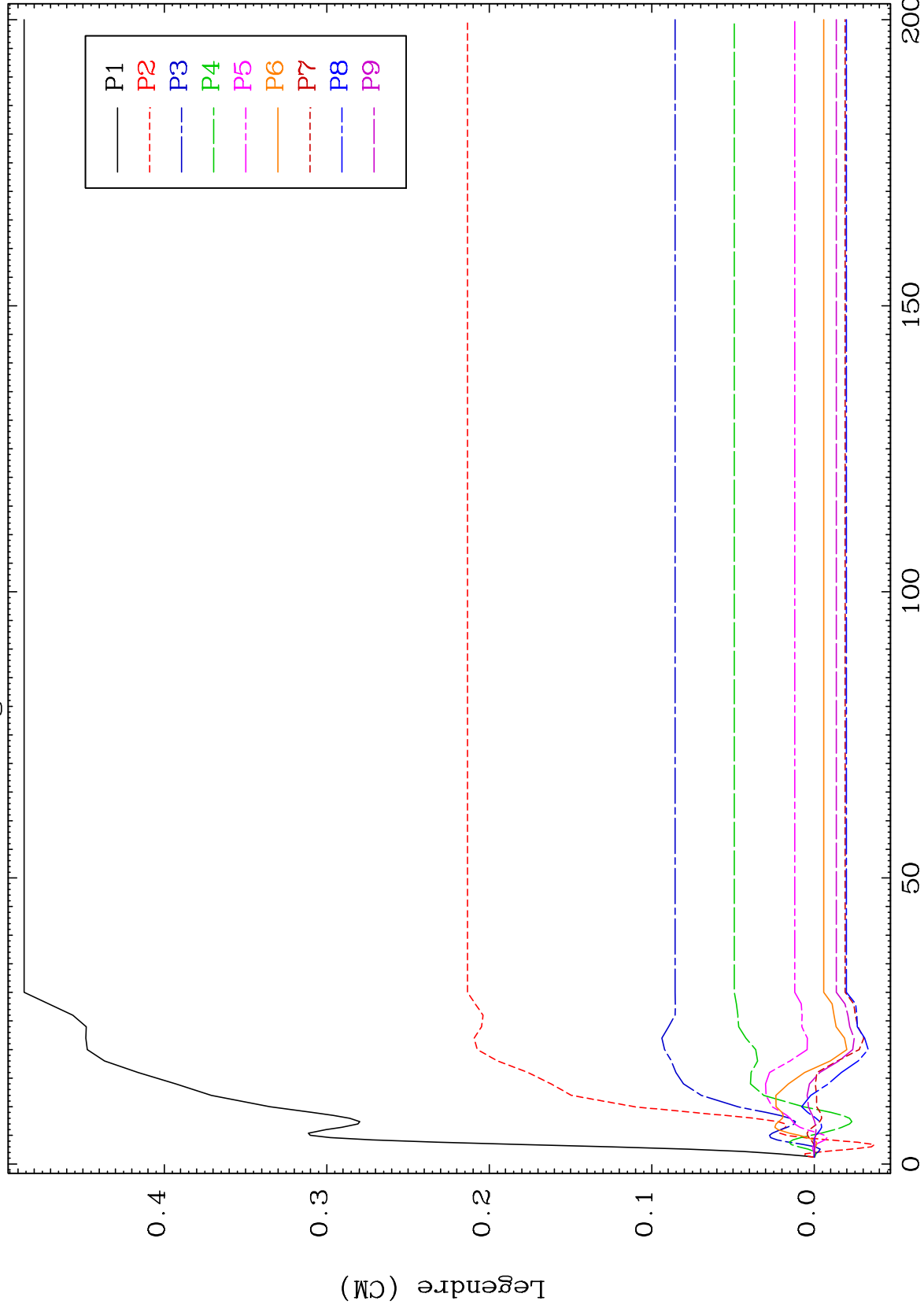
MAT 7071

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

71-Lu-157



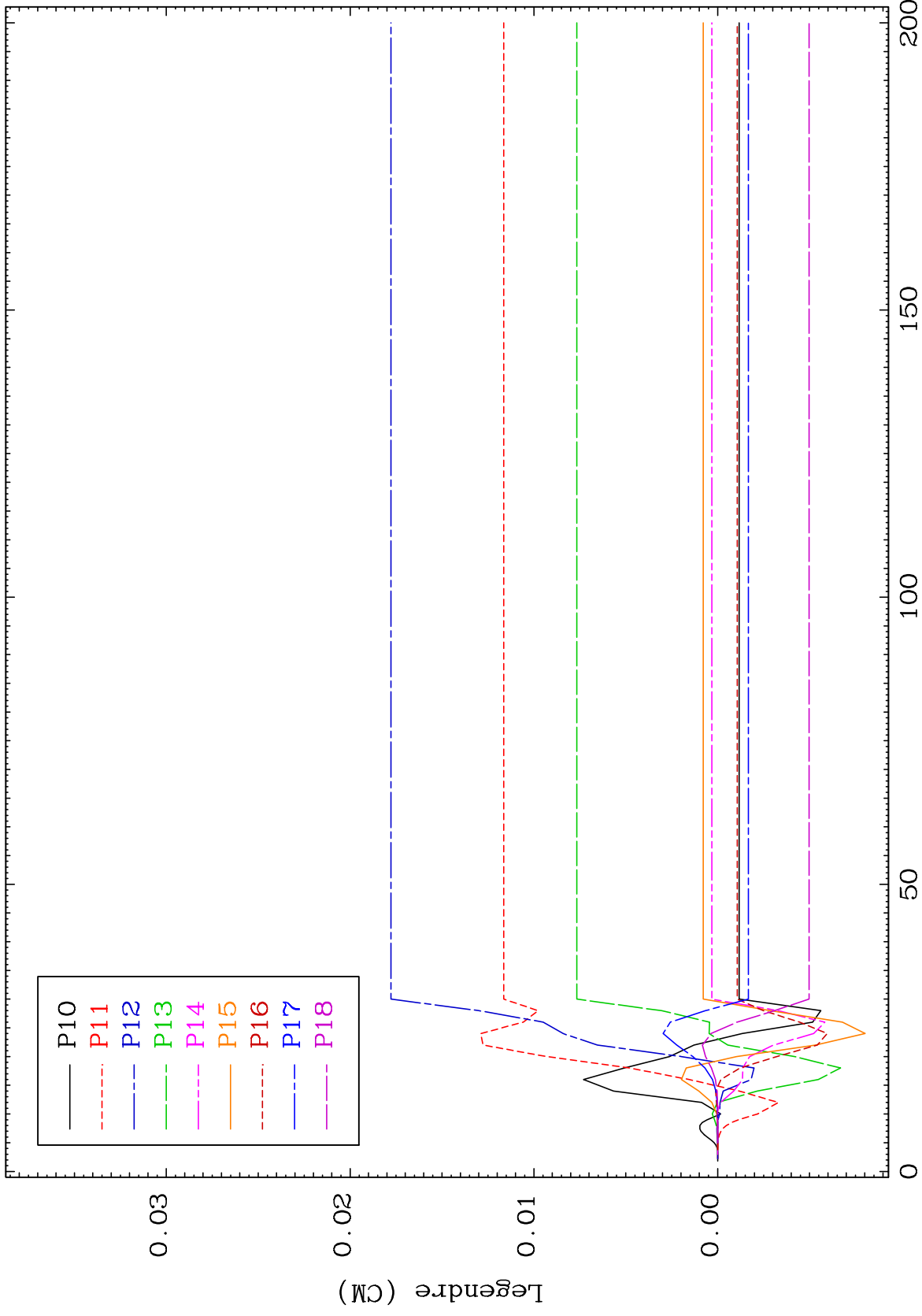
92



MAT 7071

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

71-Lu-157



94

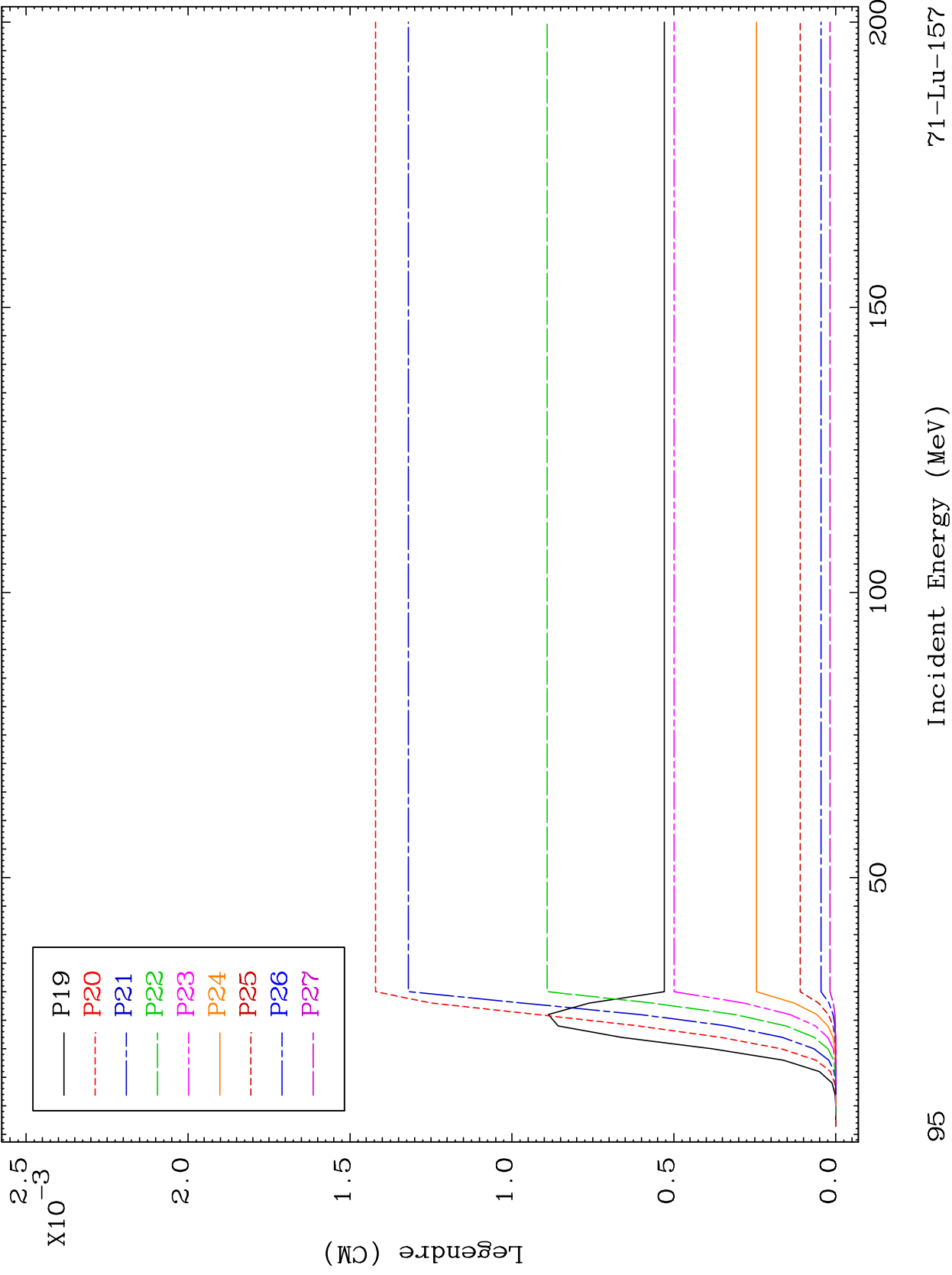
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



95

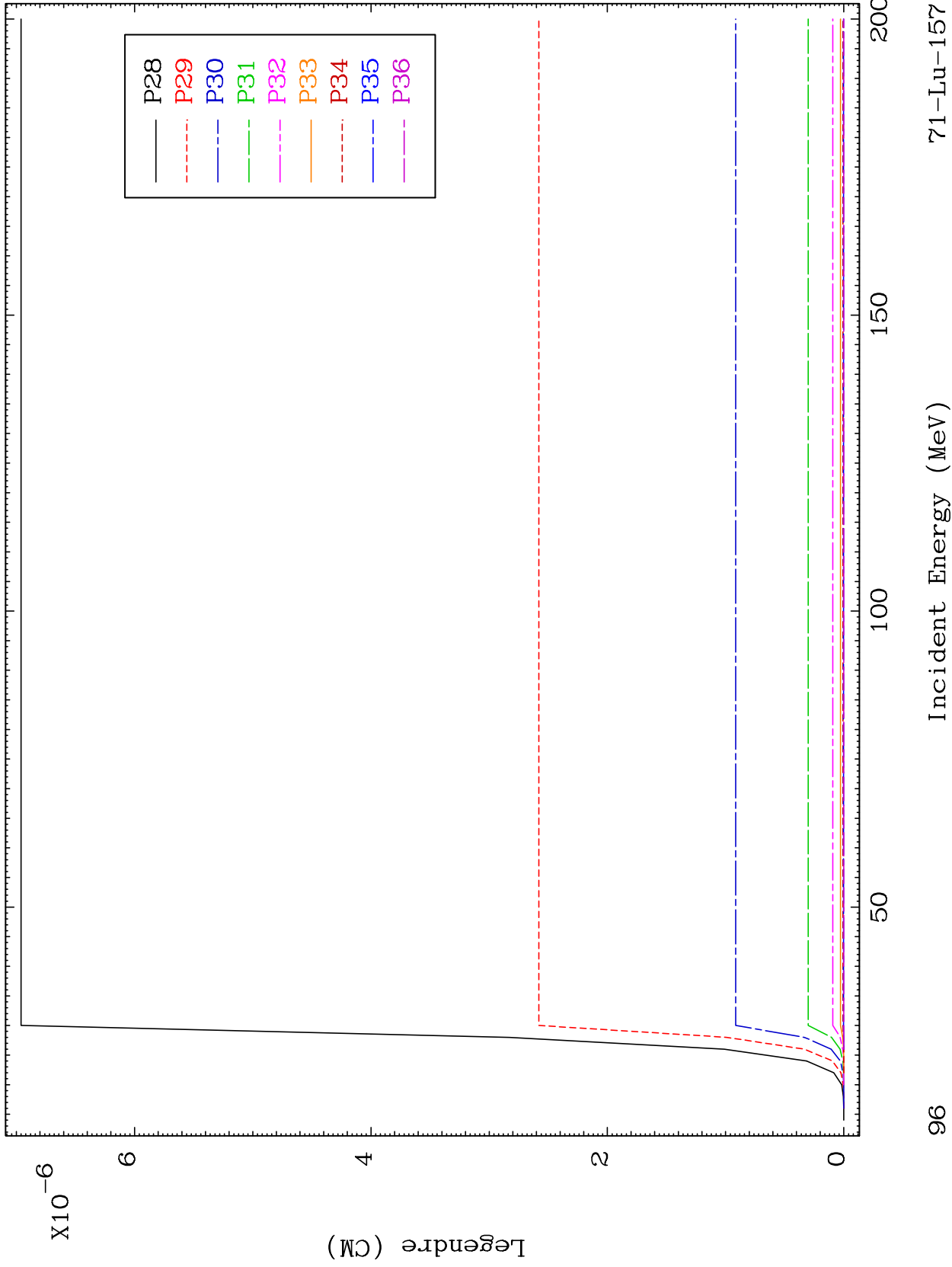
Incident Energy (MeV)

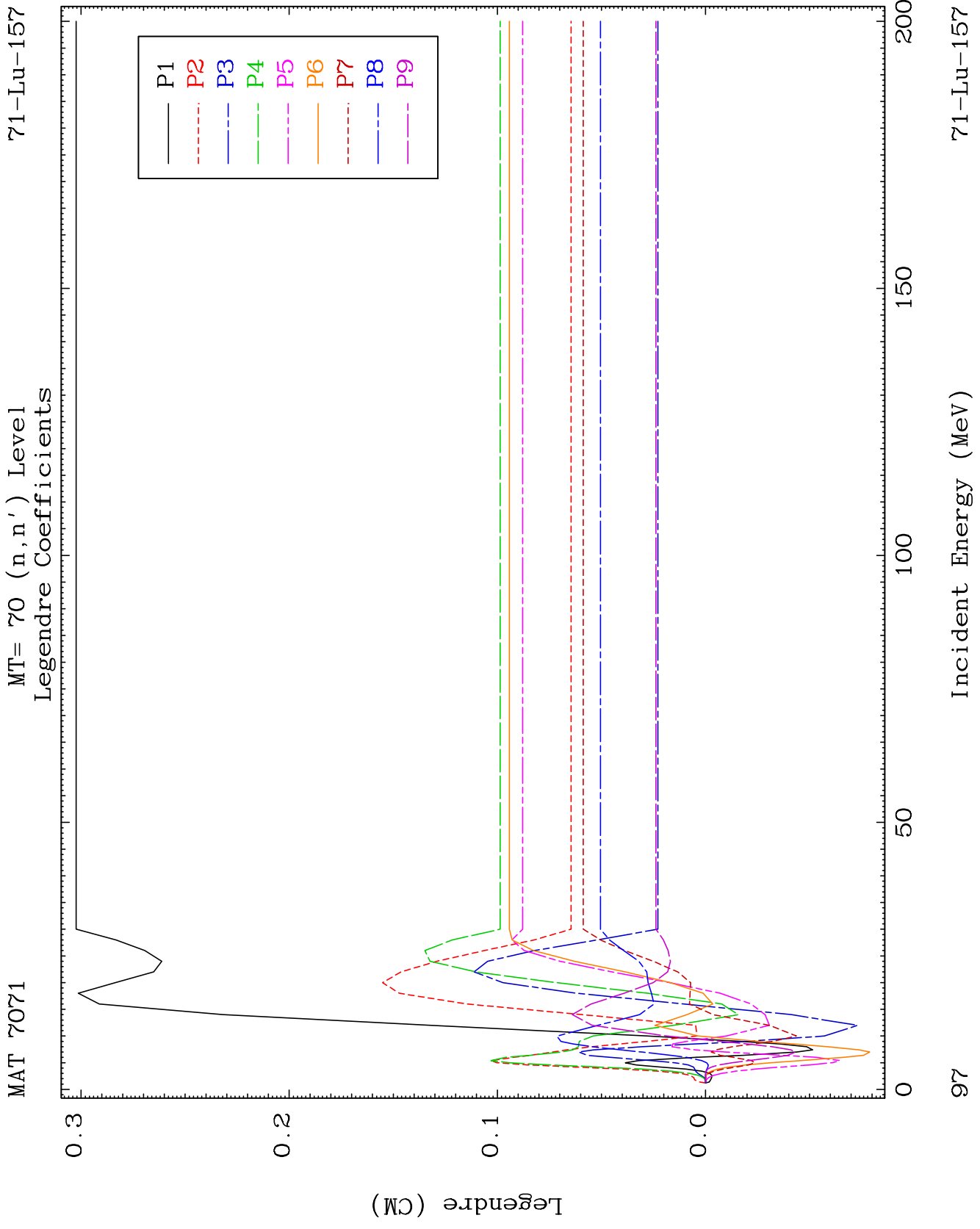
71-Lu-157

MAT 7071

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

71-Lu-157

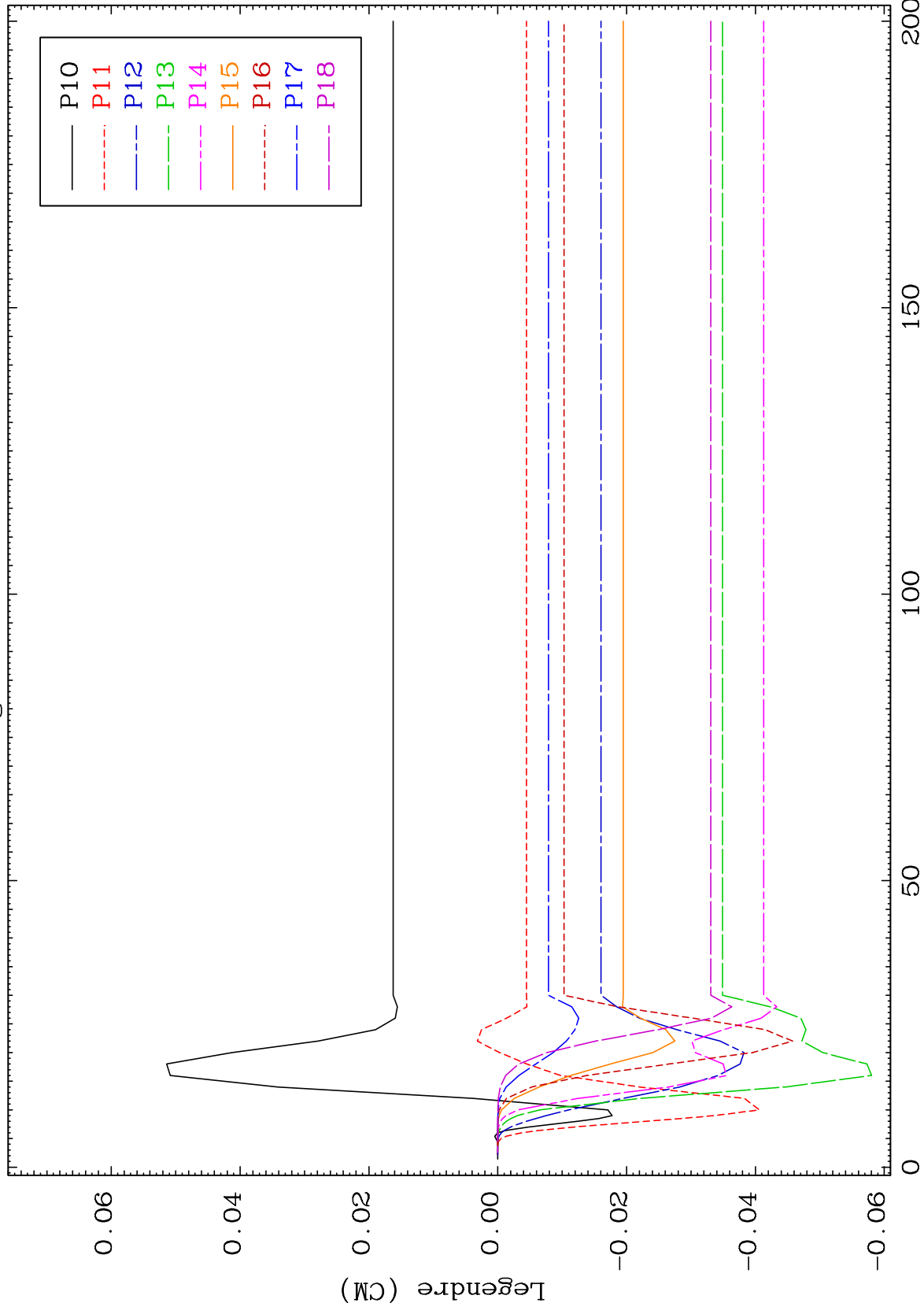




MAT 7071

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

71-Lu-157



98

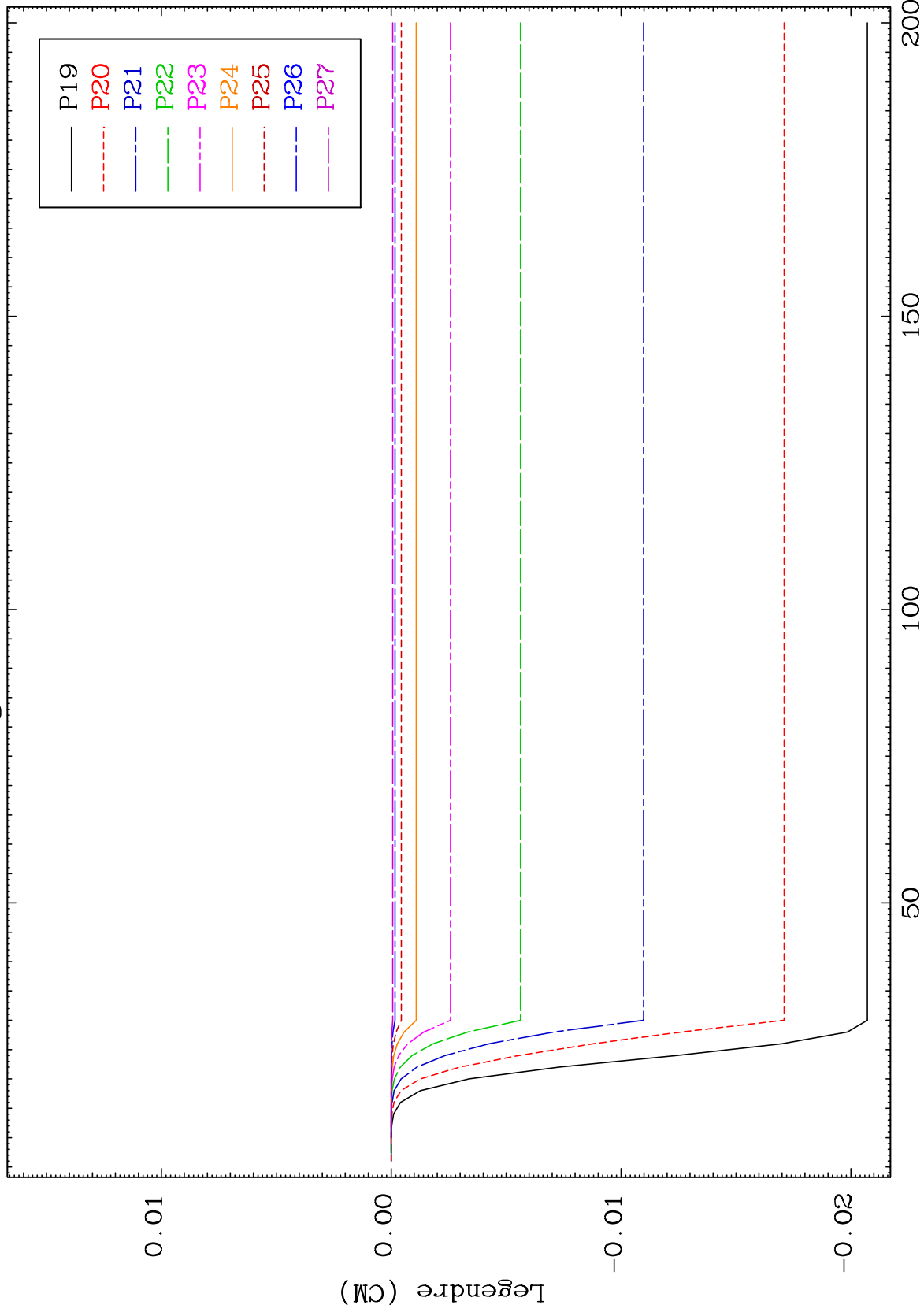
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



99

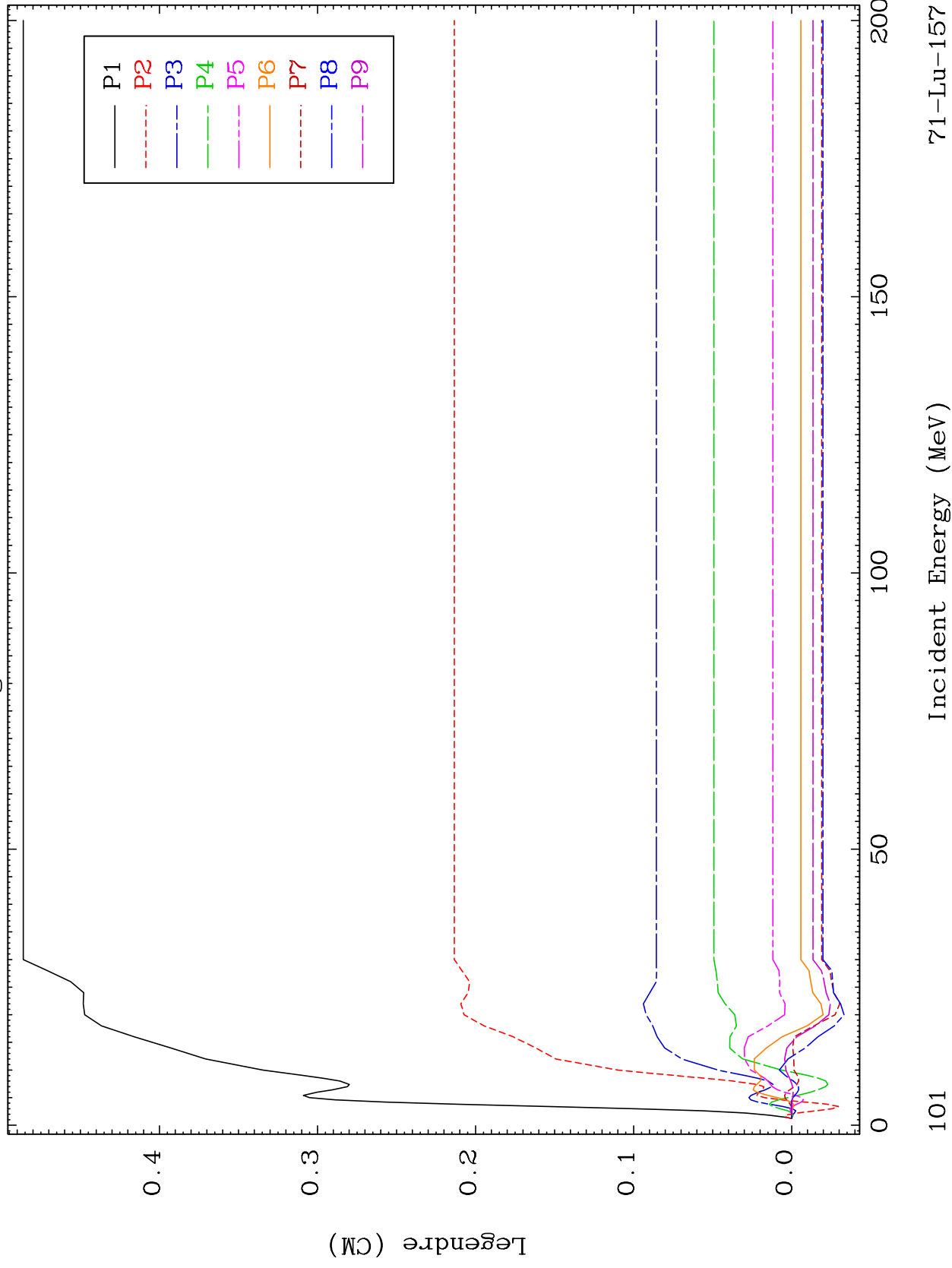
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

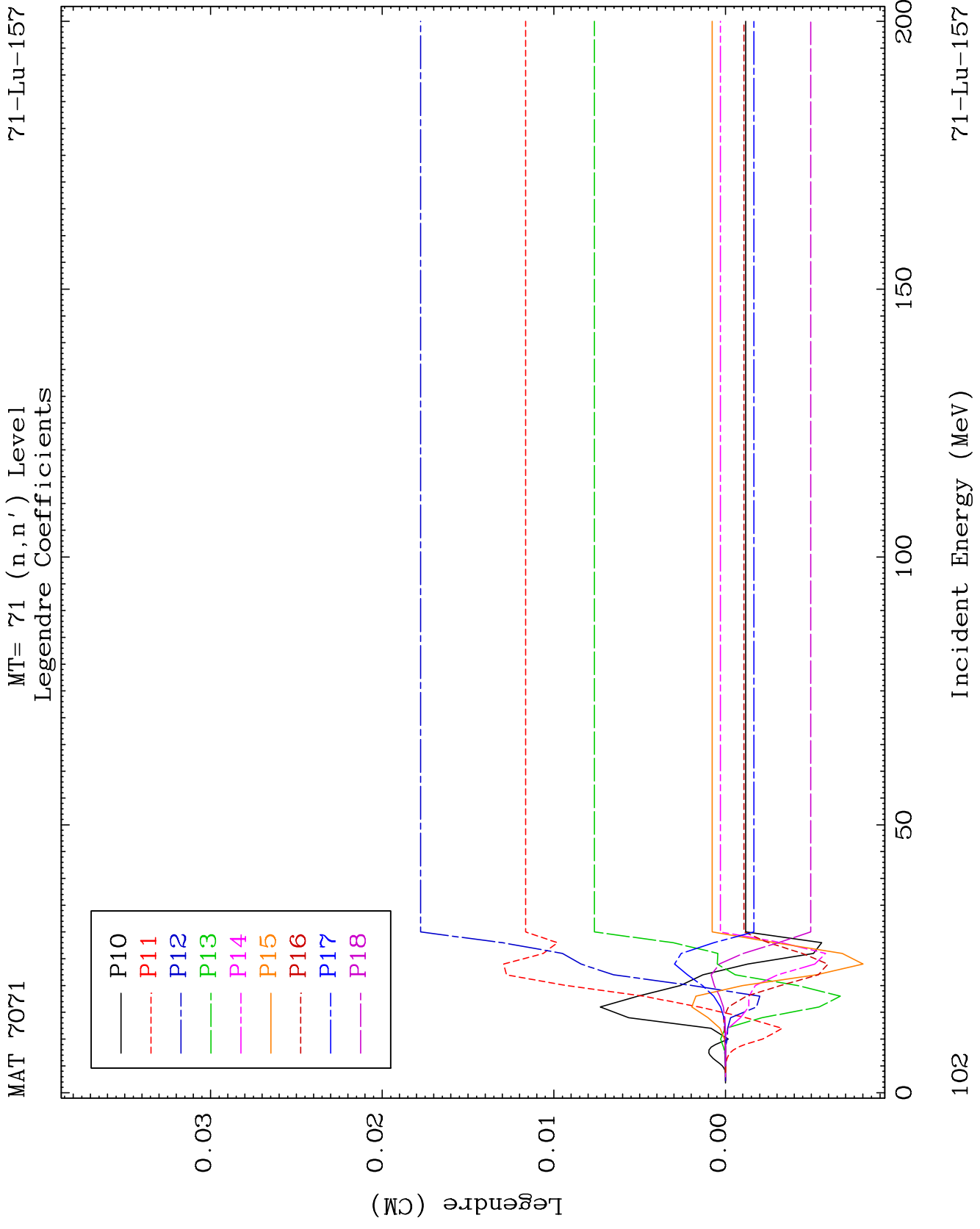
71-Lu-157



71-Lu-157

Incident Energy (MeV)

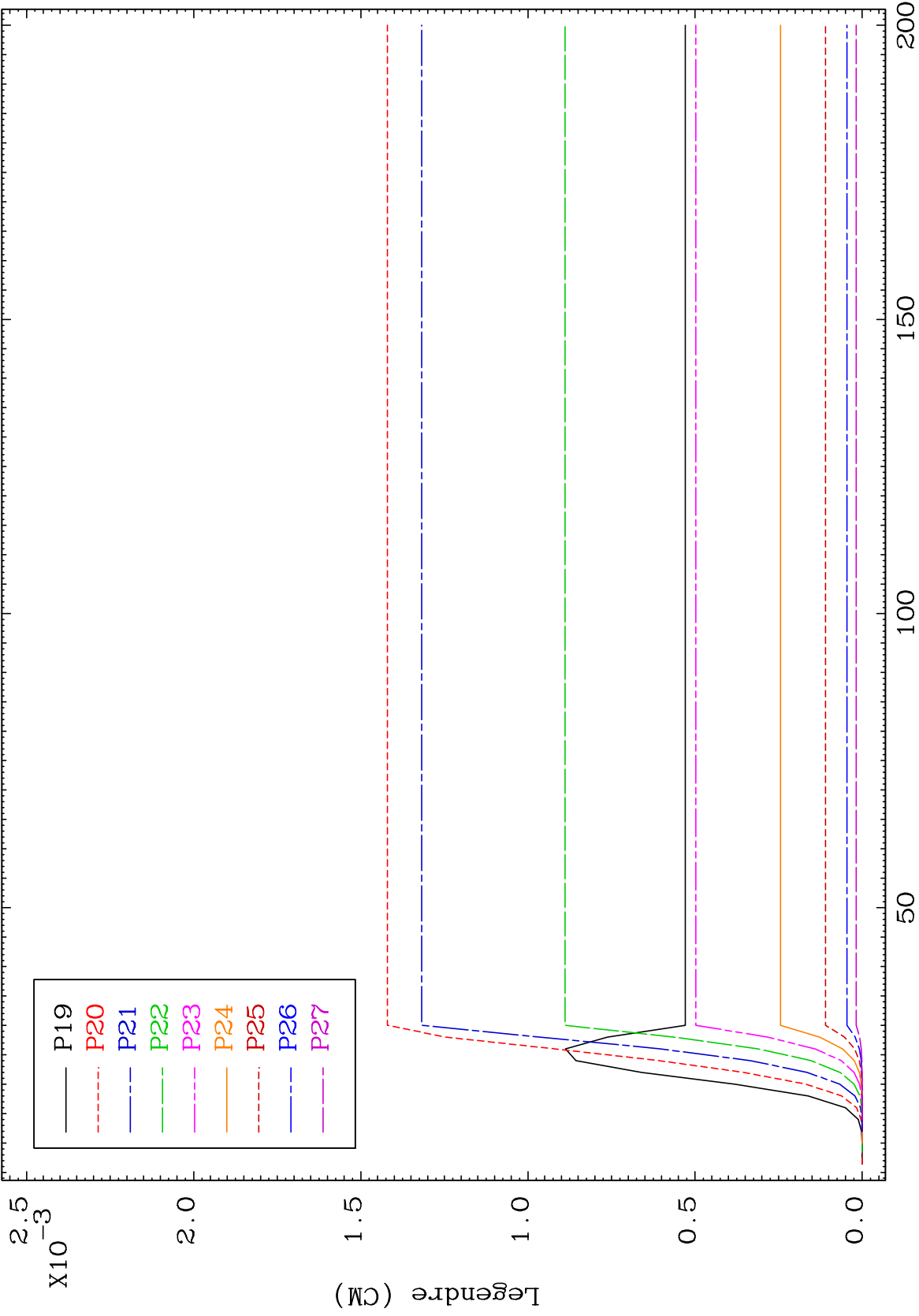
101



MAT 7071

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

71-Lu-157



103

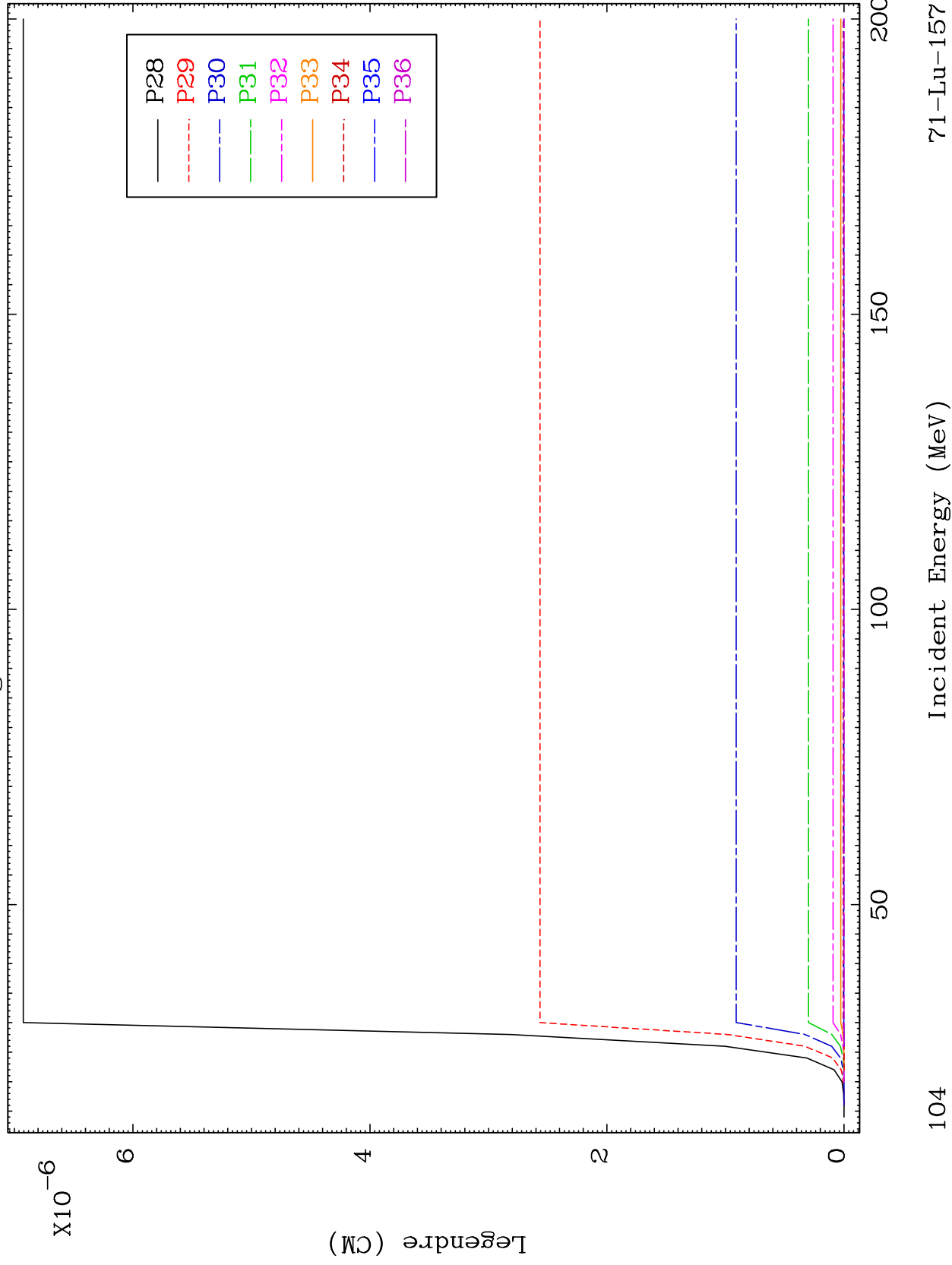
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

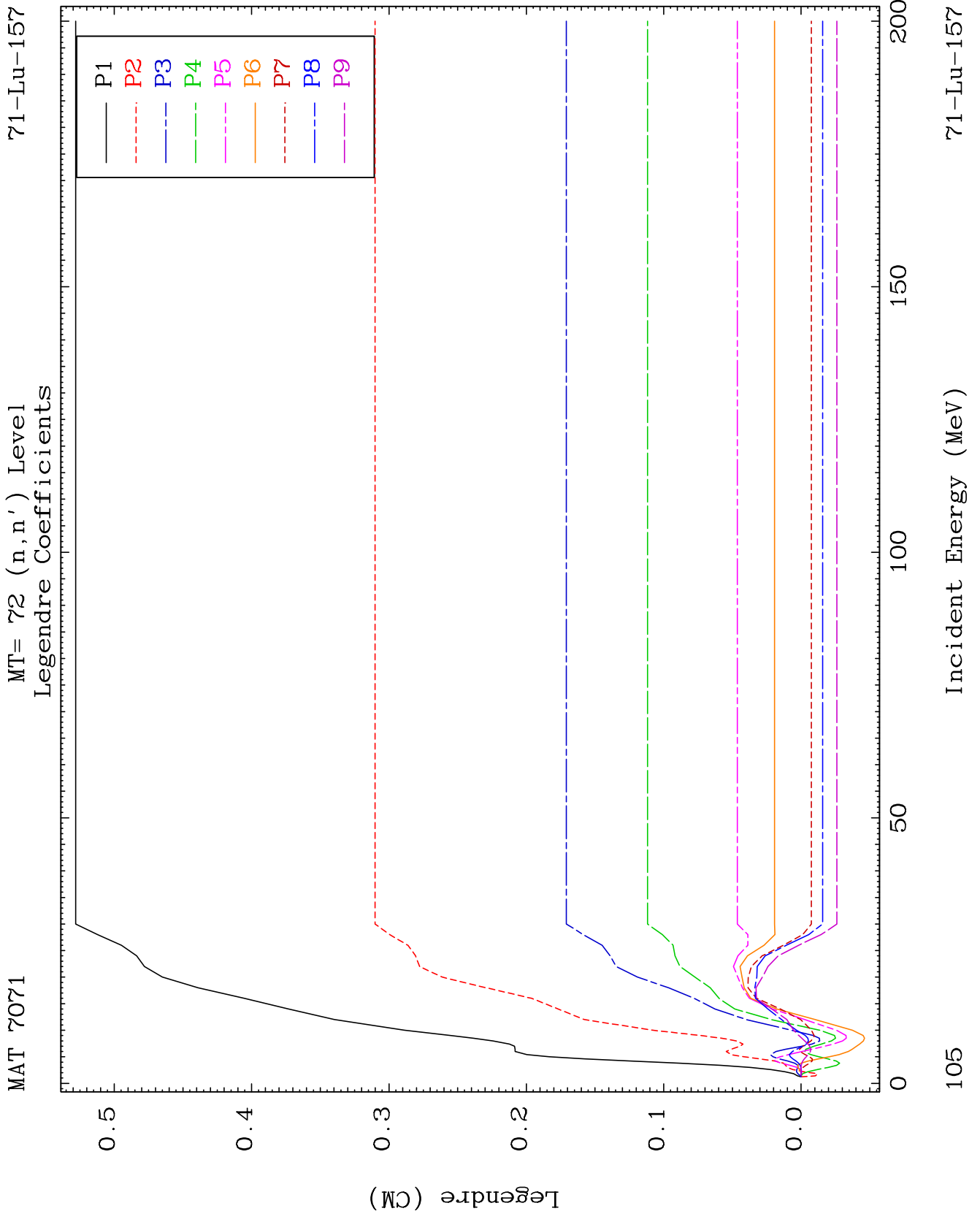
71-Lu-157



104

Incident Energy (MeV)

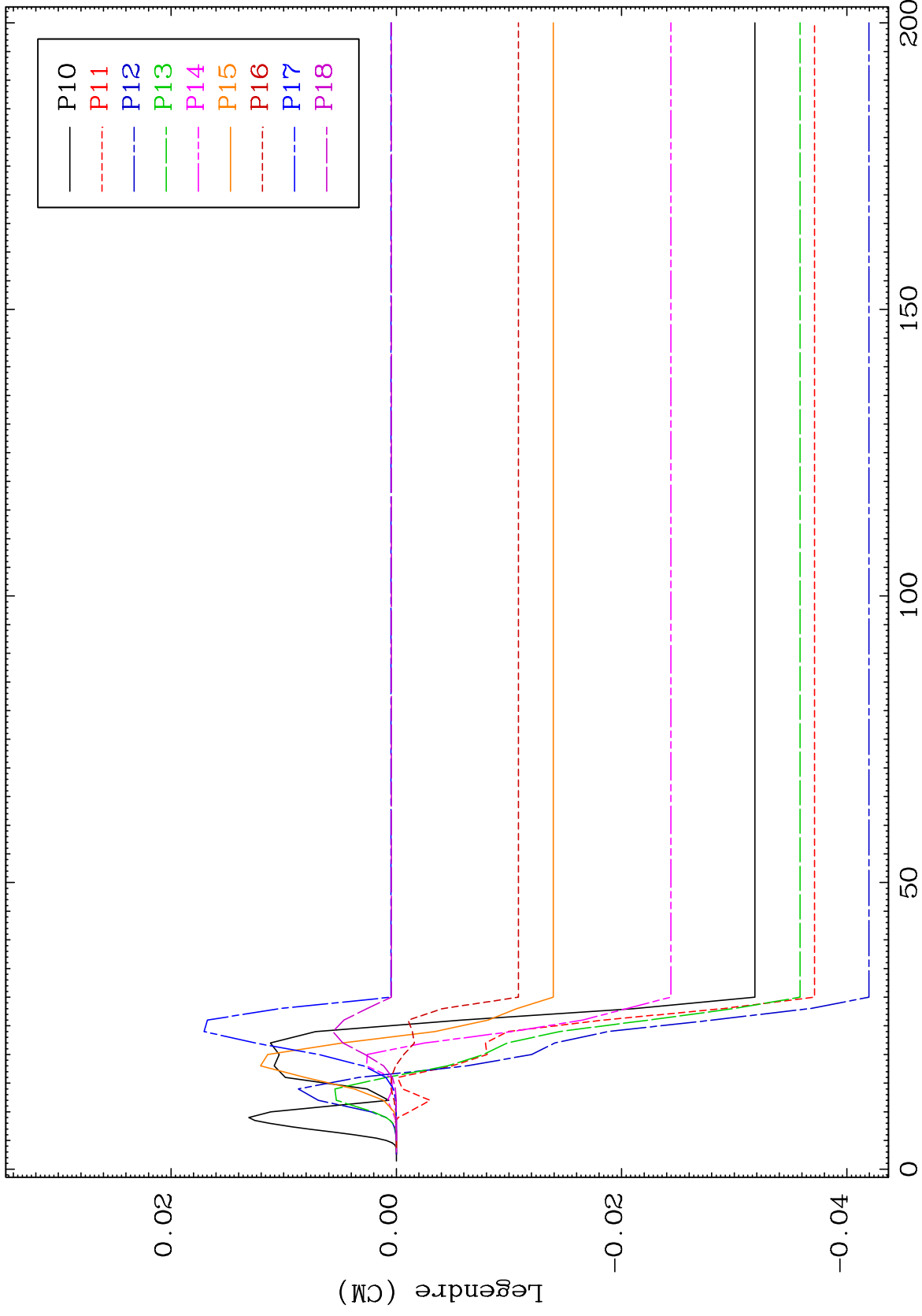
71-Lu-157



MAT 7071

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

71-Lu-157



106

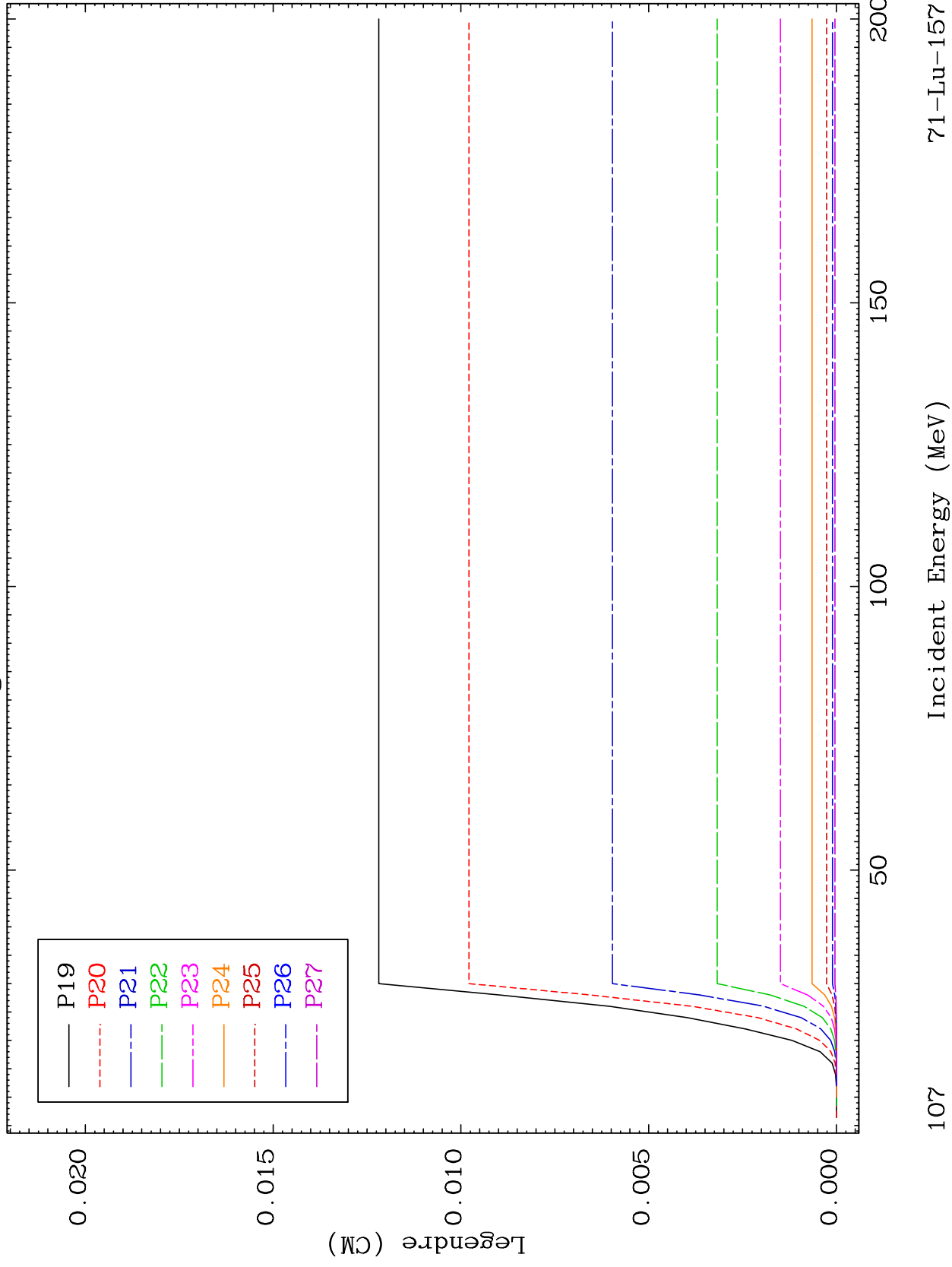
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



107

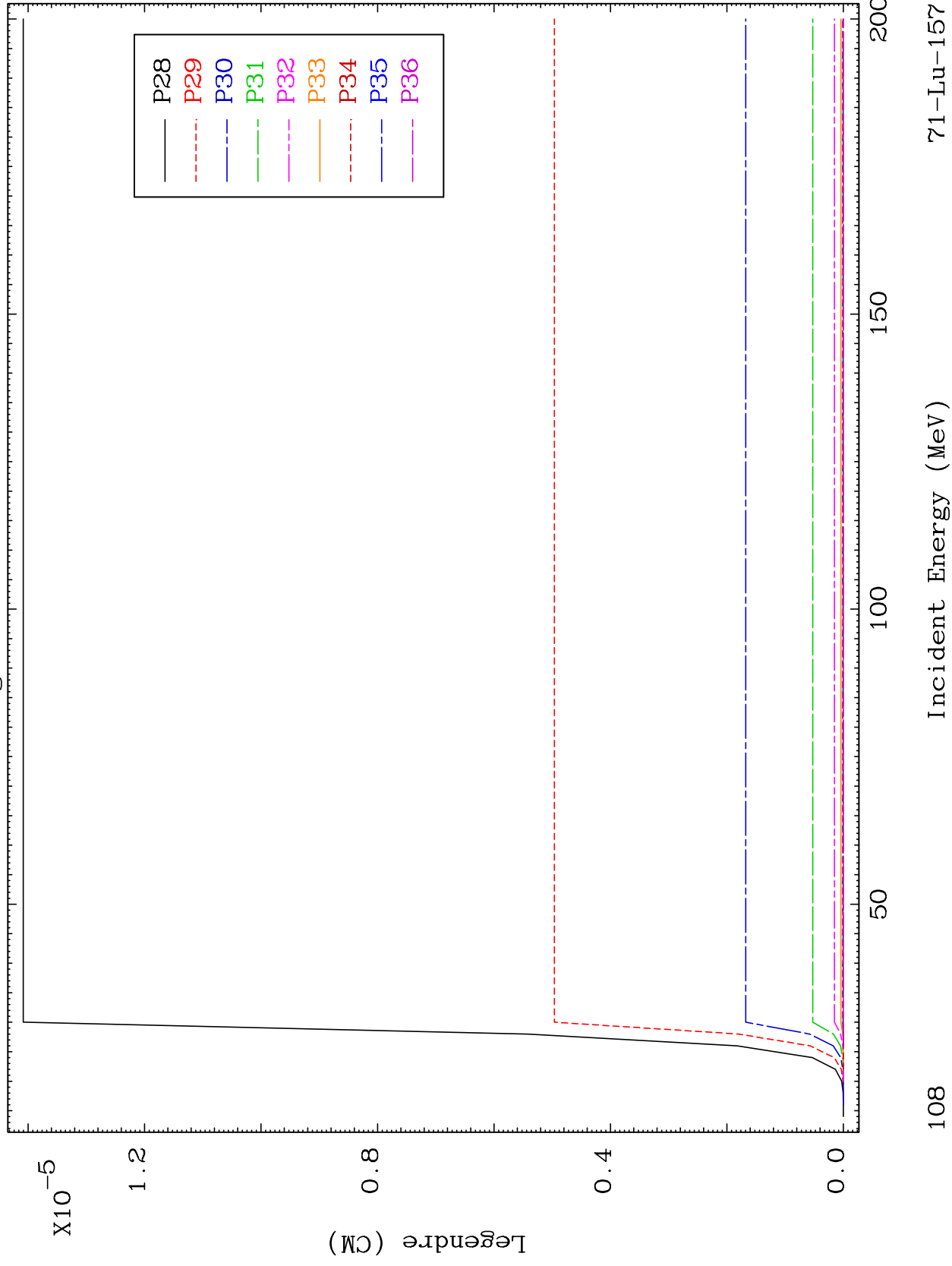
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

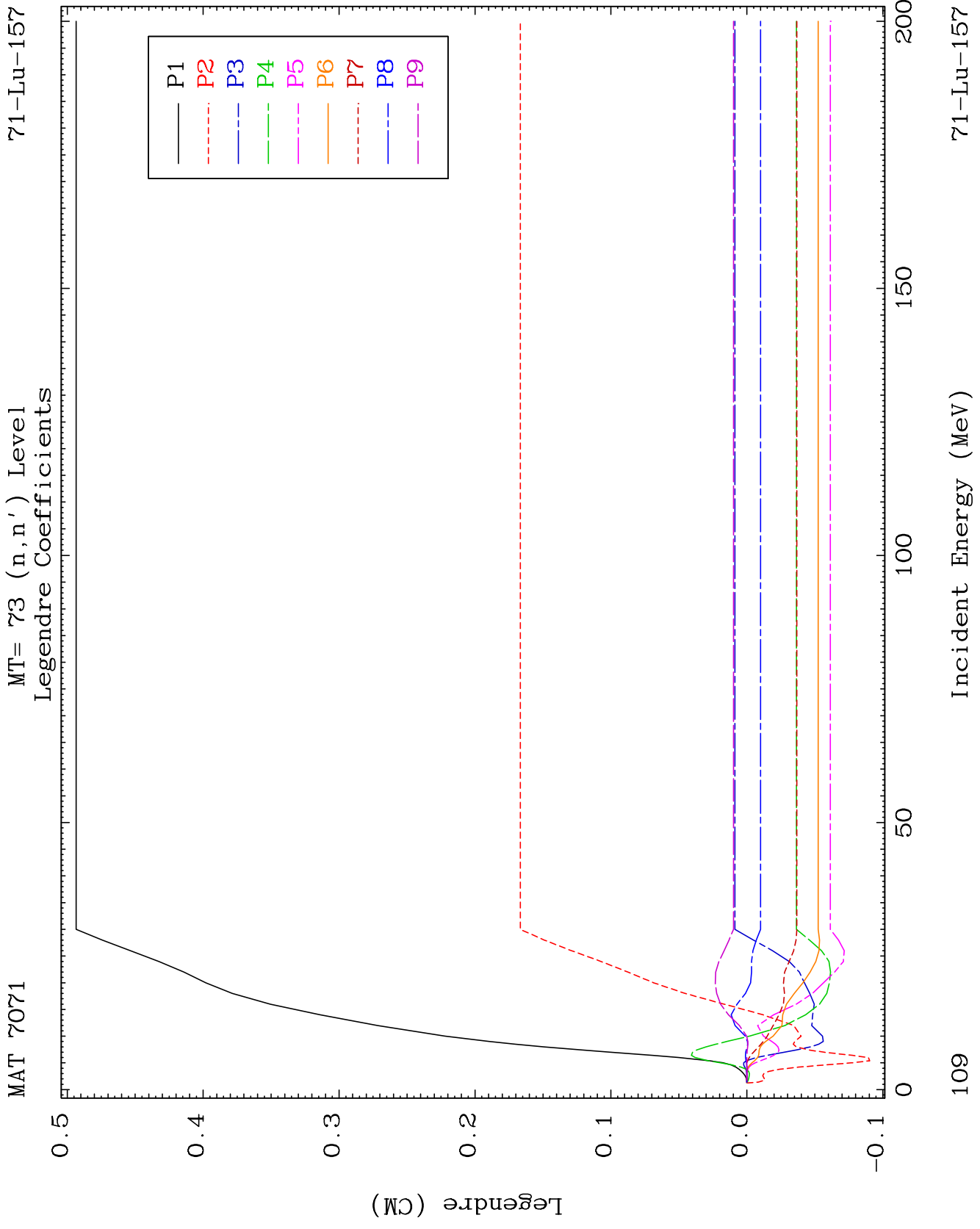
71-Lu-157



108

Incident Energy (MeV)

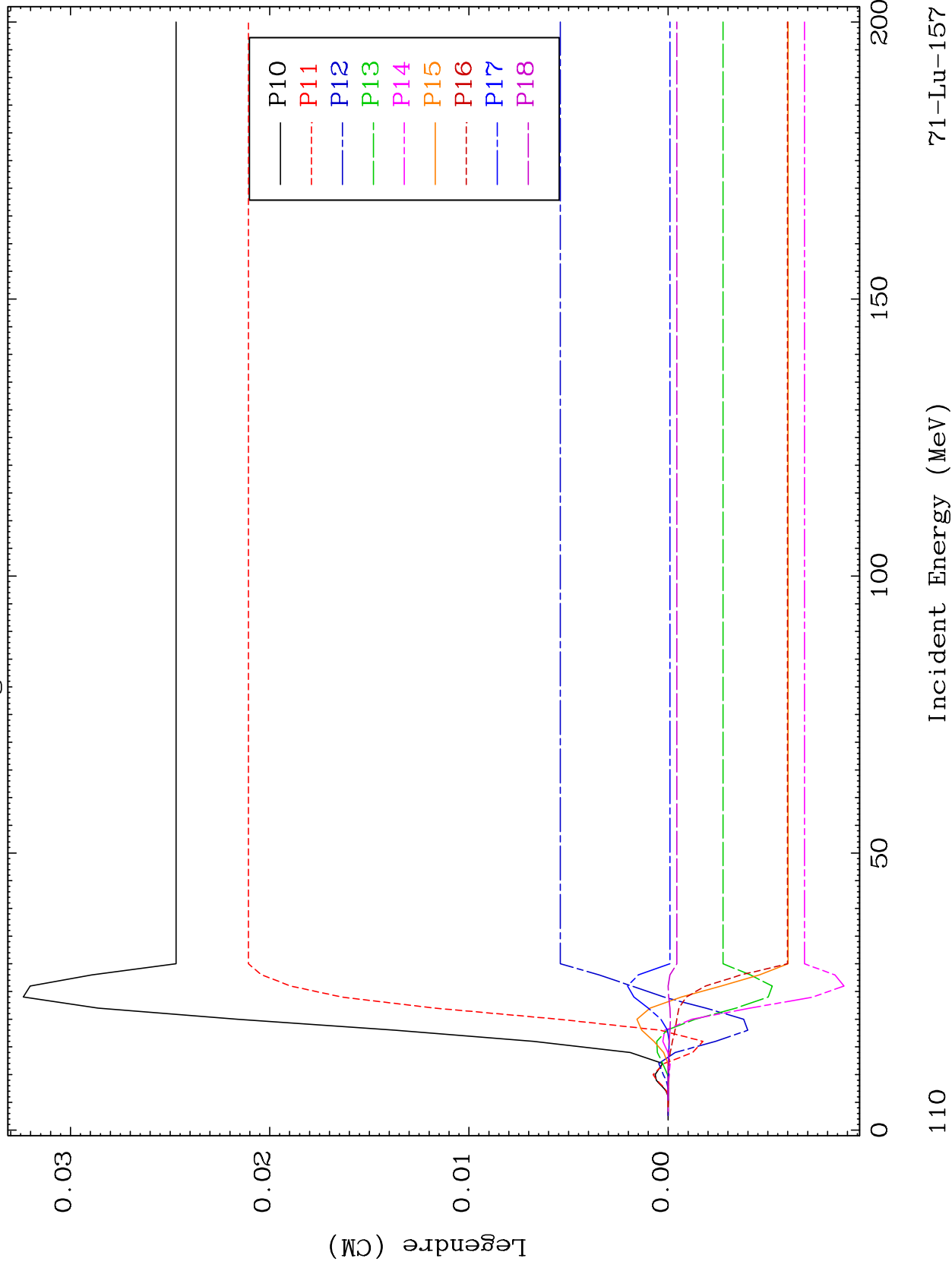
71-Lu-157



MAT 7071

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

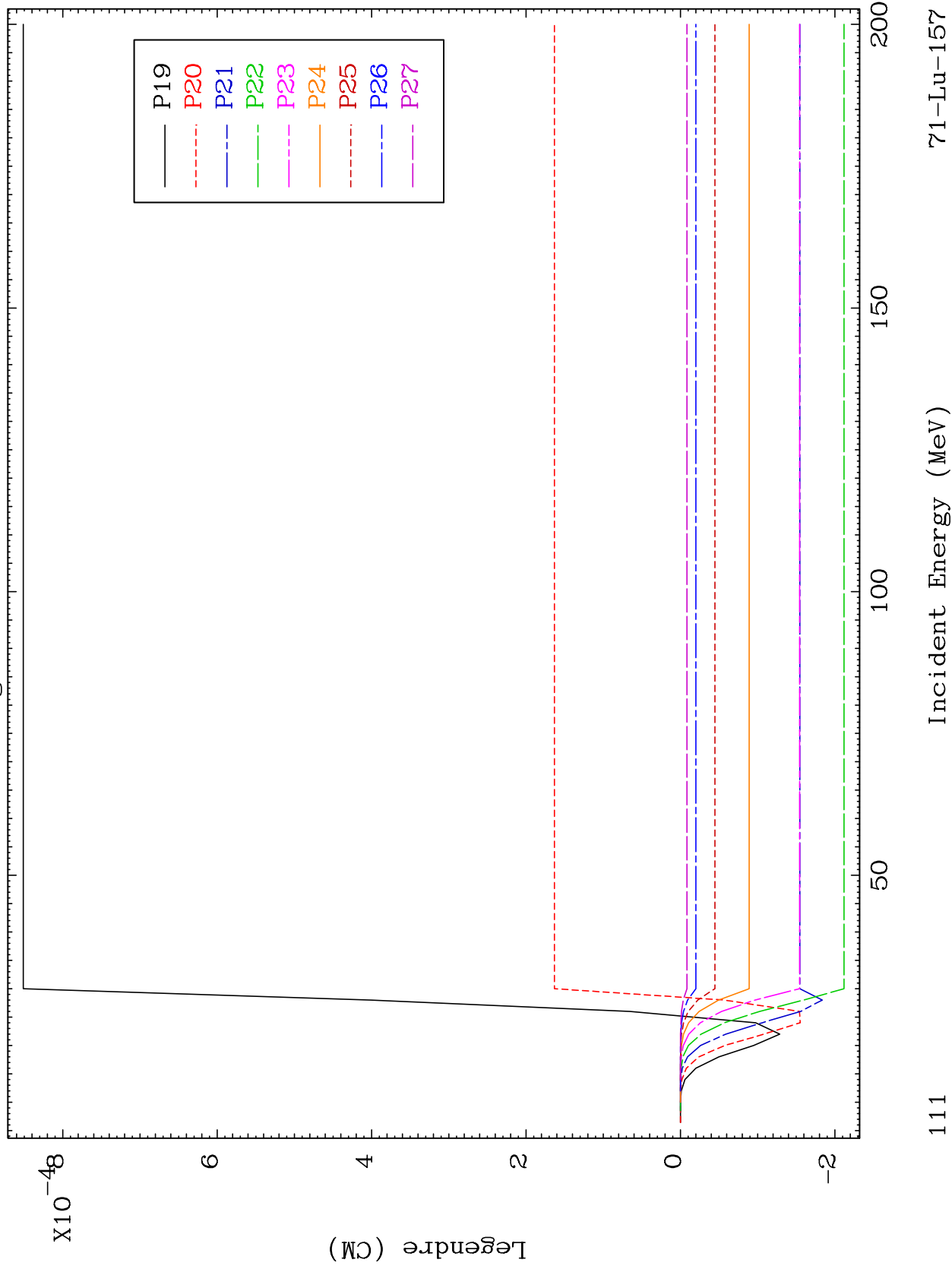
71-Lu-157

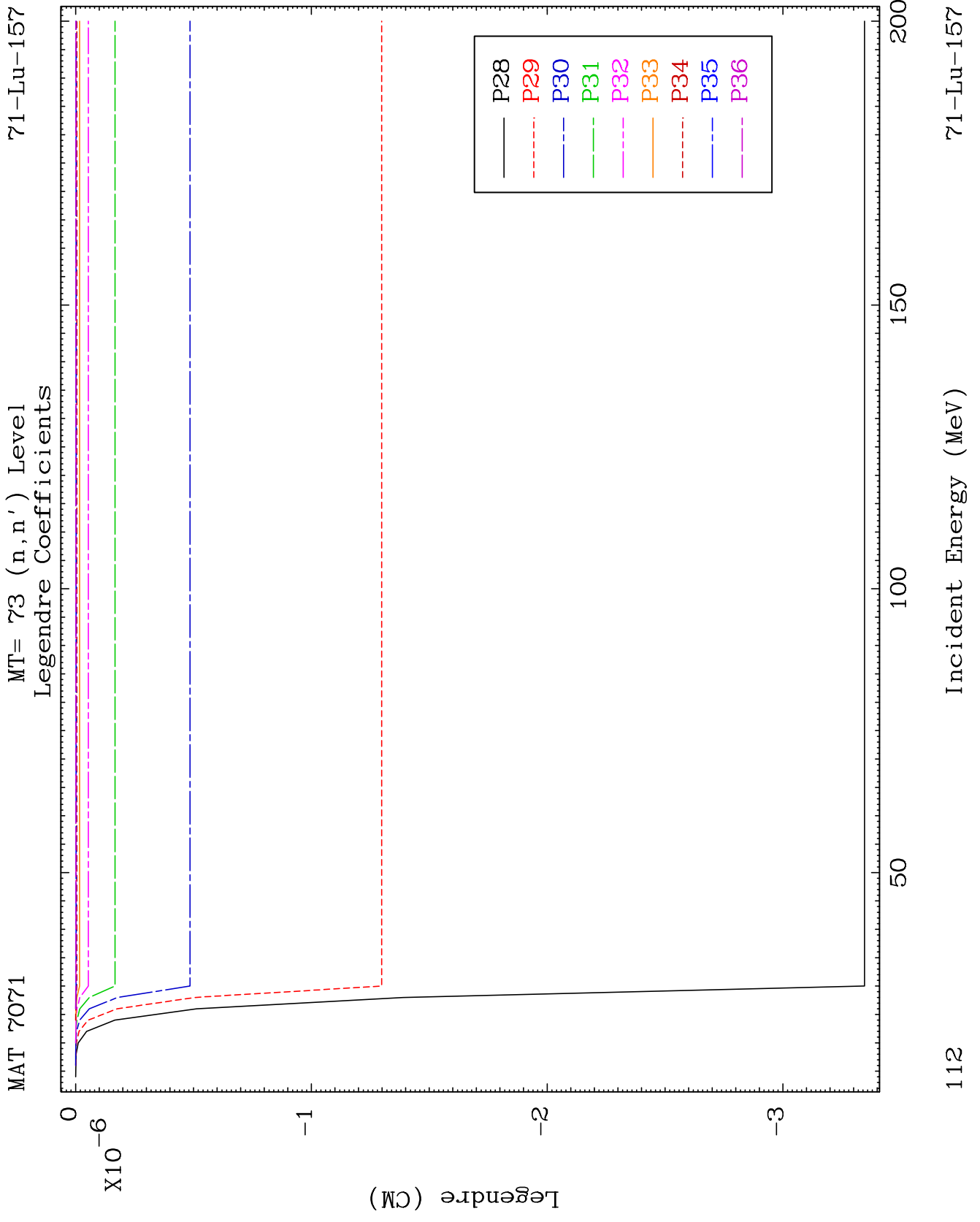


71-Lu-157

Incident Energy (MeV)

110

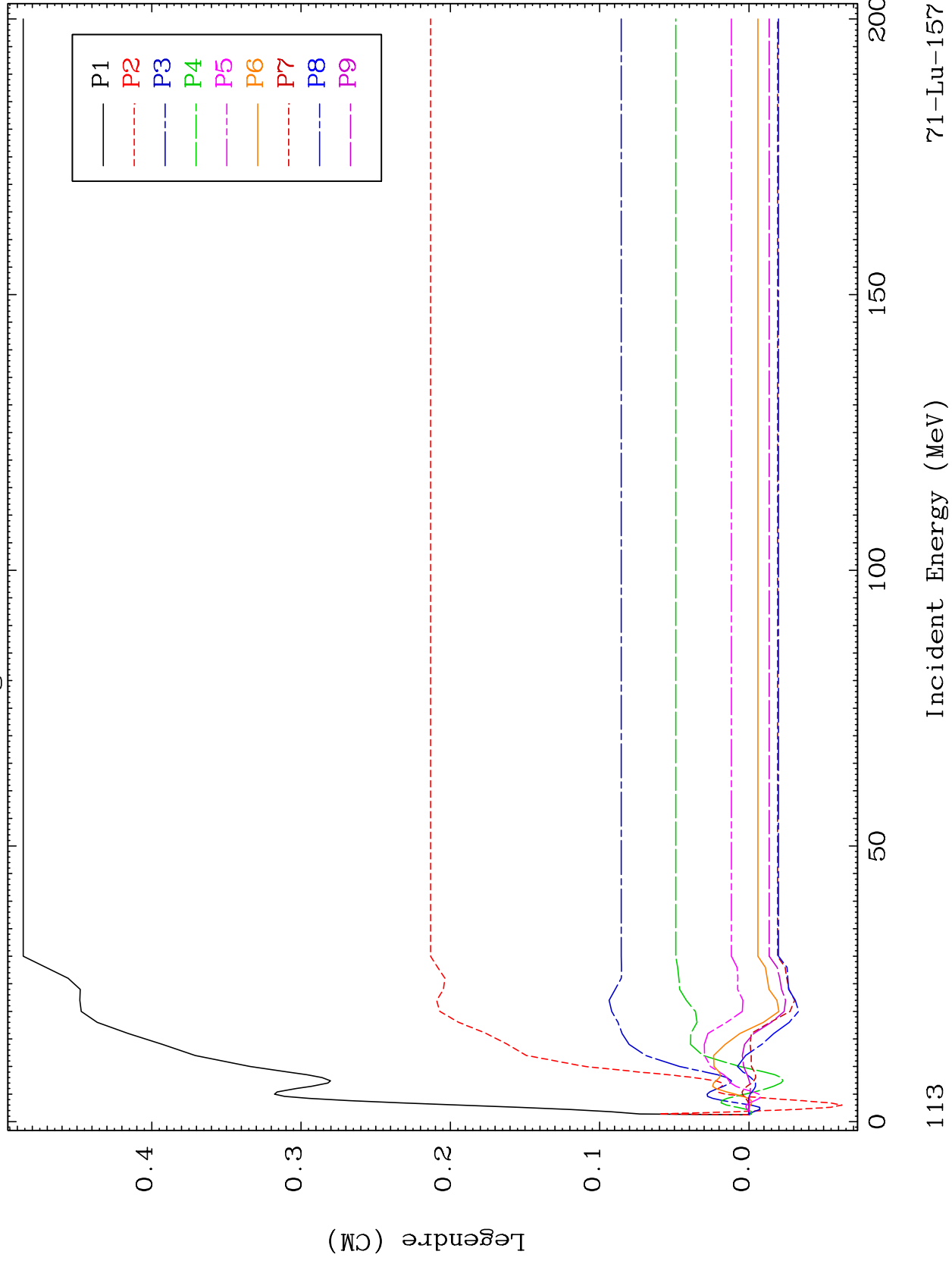




MAT 7071

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

71-Lu-157



71-Lu-157

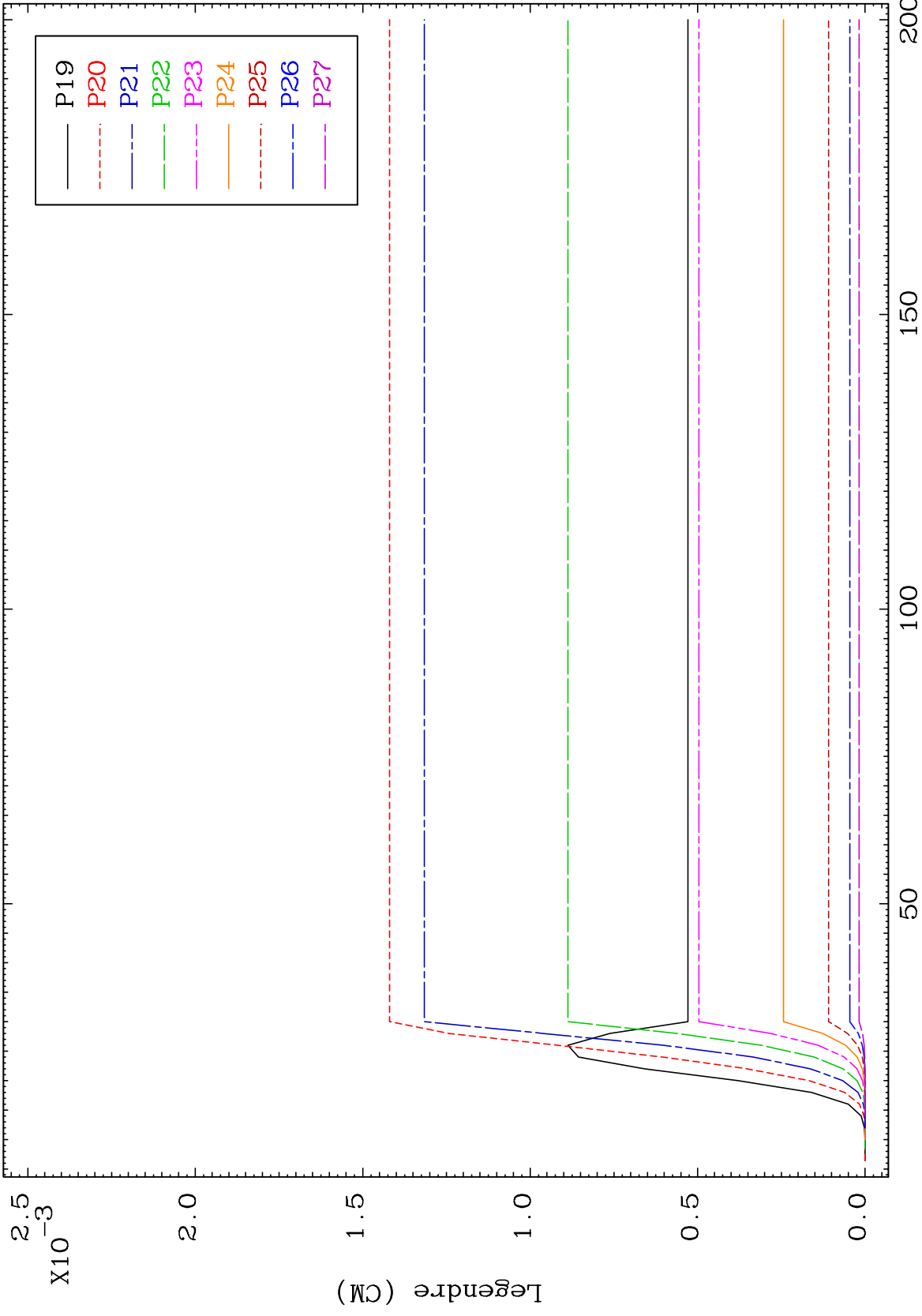
Incident Energy (MeV)

113

MAT 7071

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

71-Lu-157



115

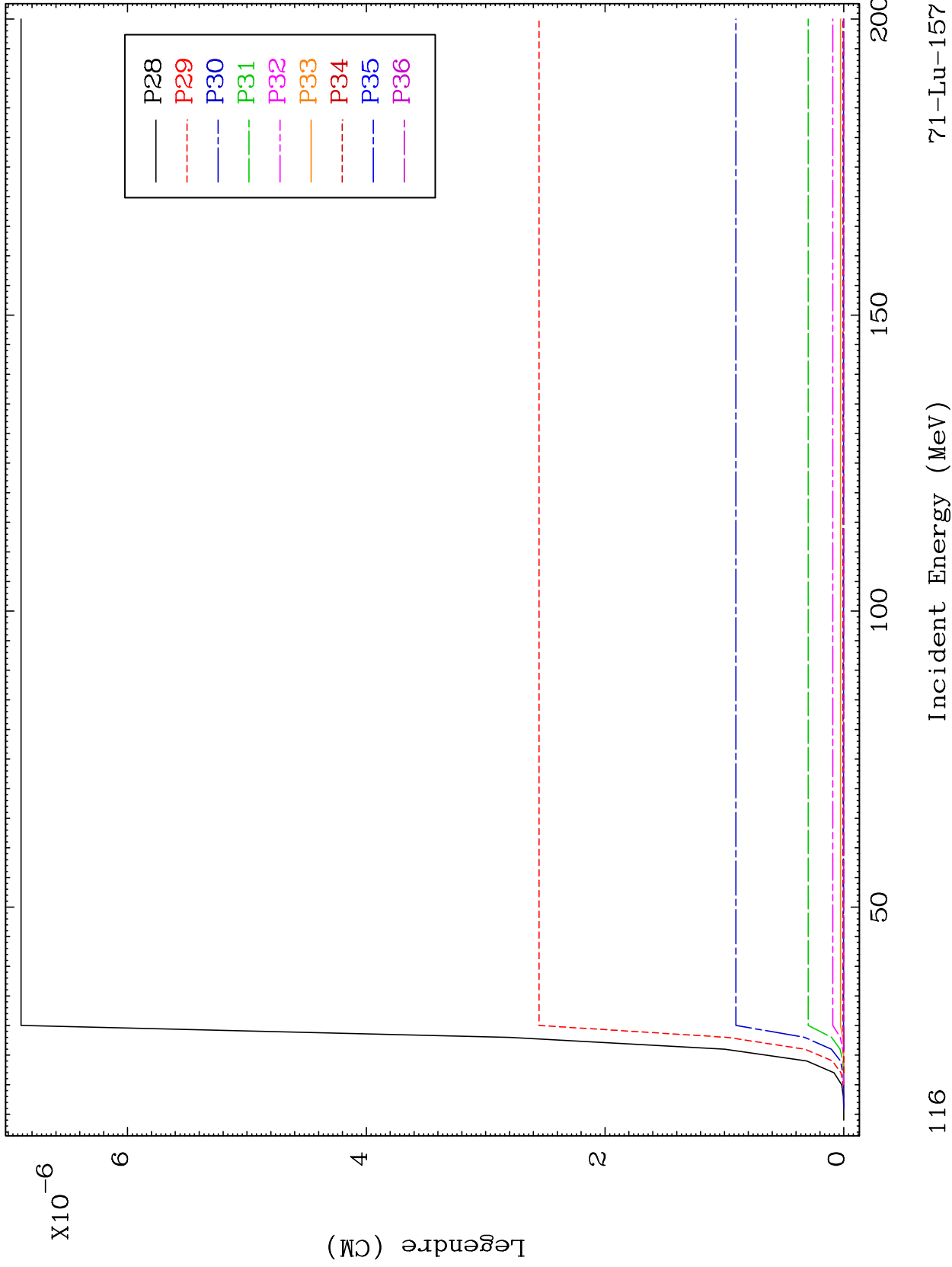
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

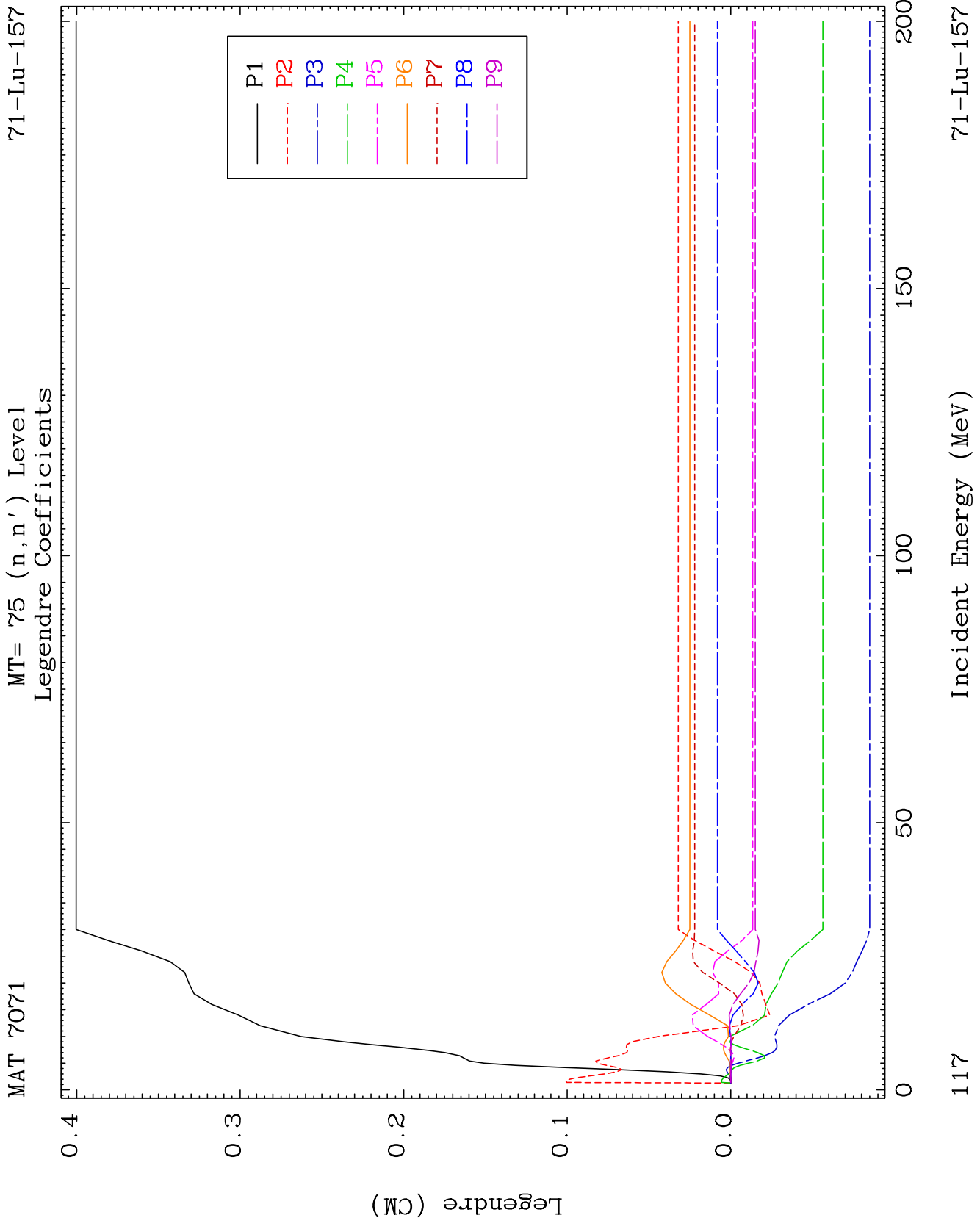
71-Lu-157



116

Incident Energy (MeV)

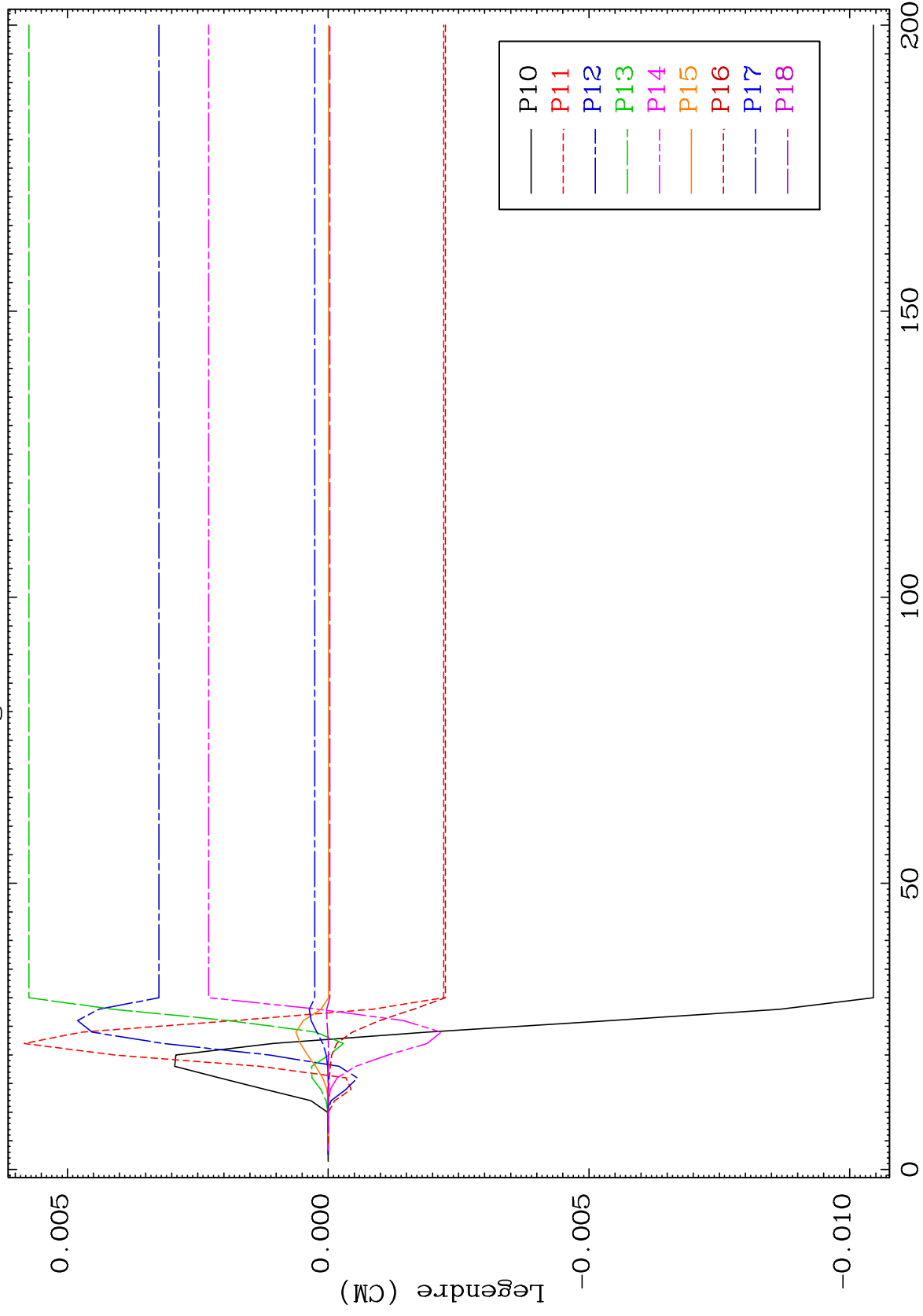
71-Lu-157



MAT 7071

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

71-Lu-157



118

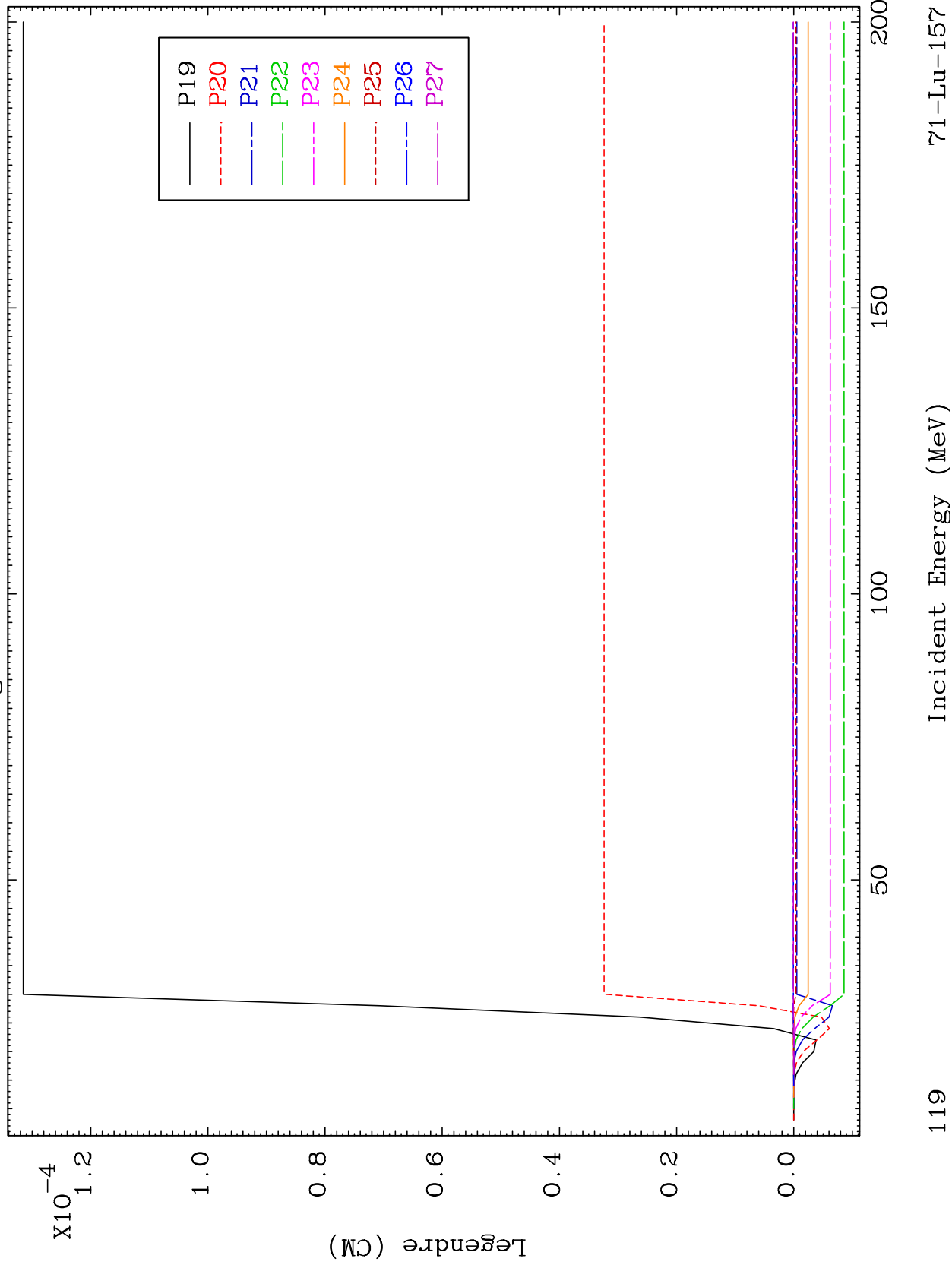
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

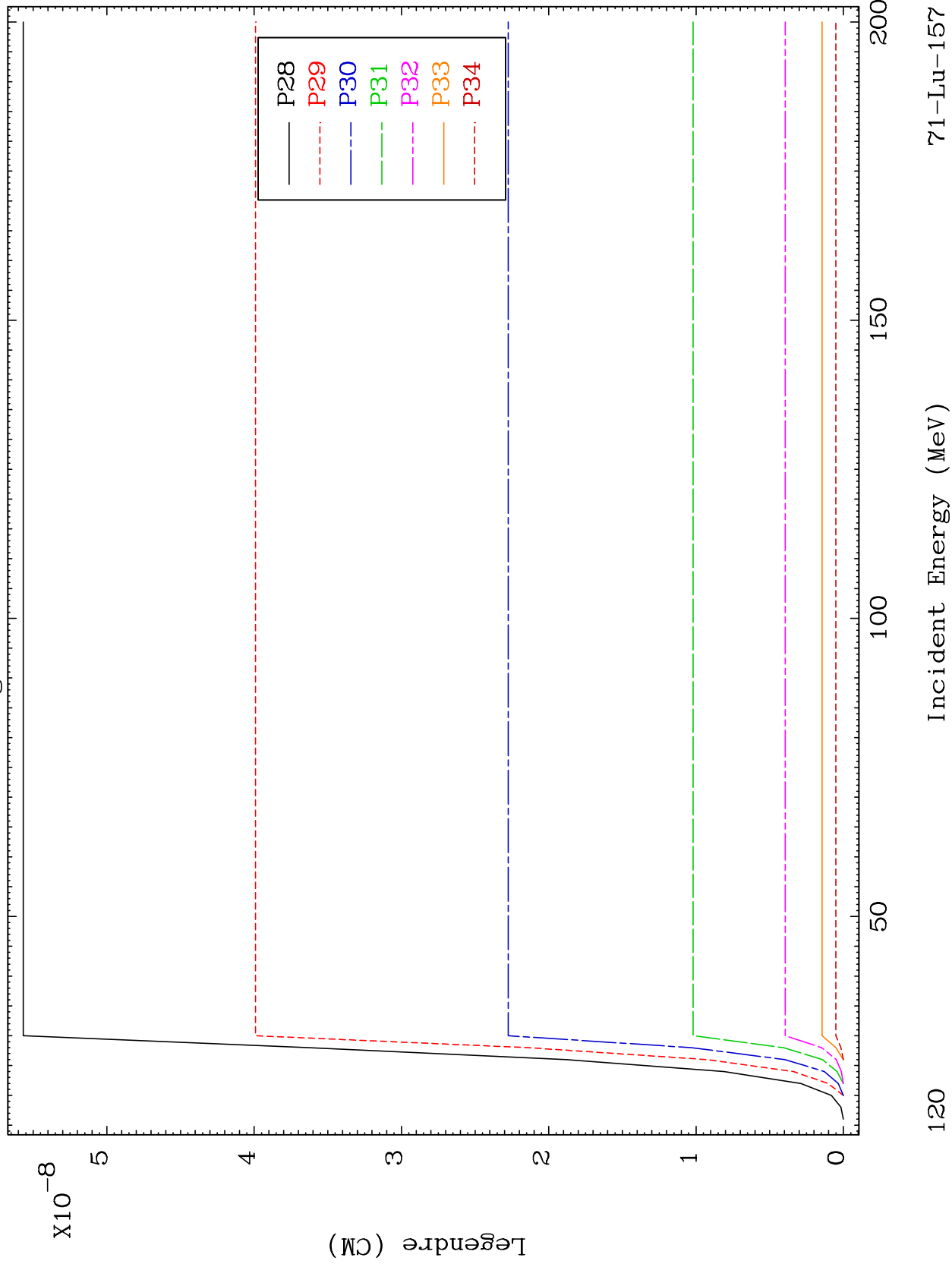
71-Lu-157



MAT 7071

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

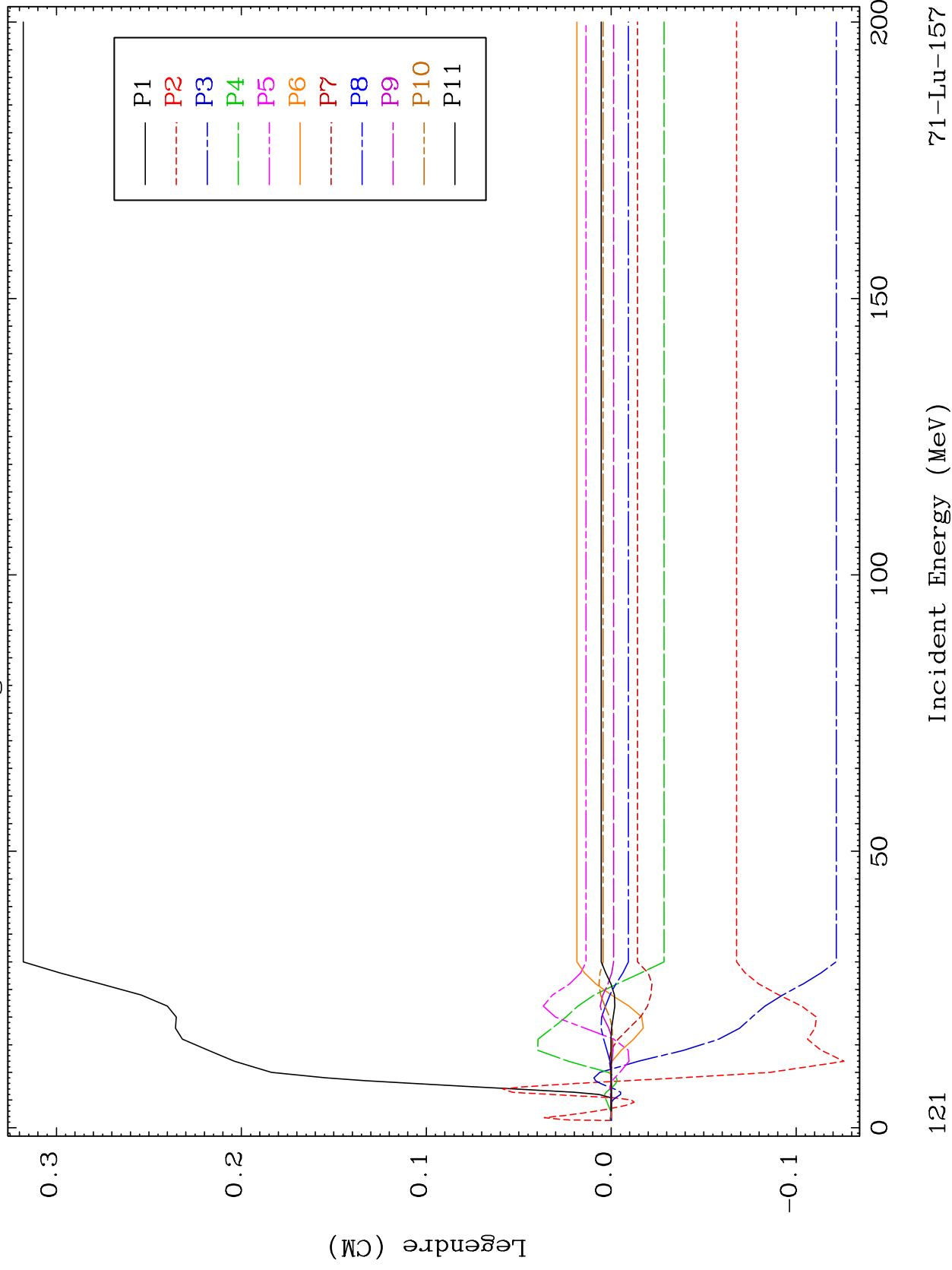
71-Lu-157



MAT 7071

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

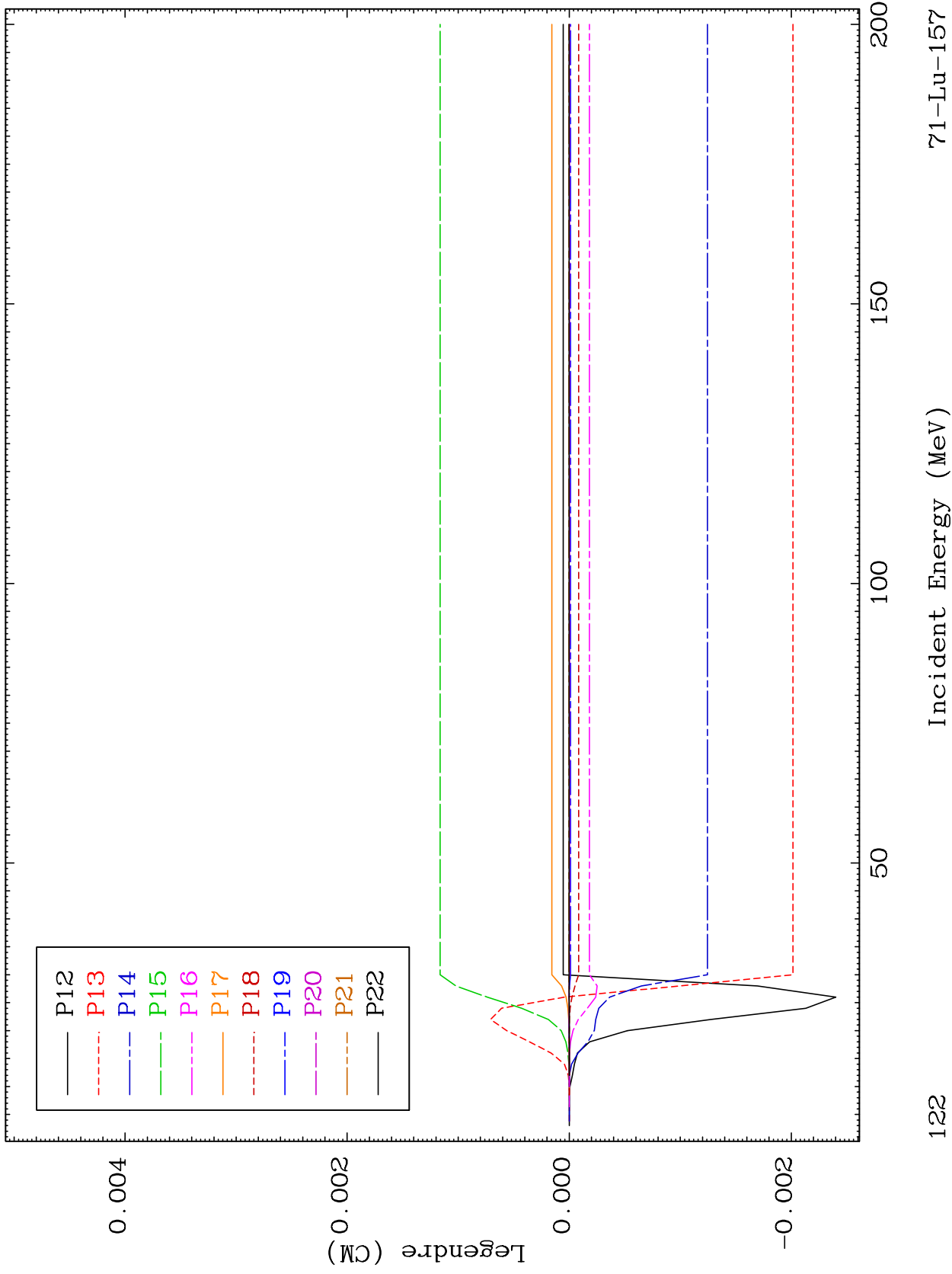
71-Lu-157

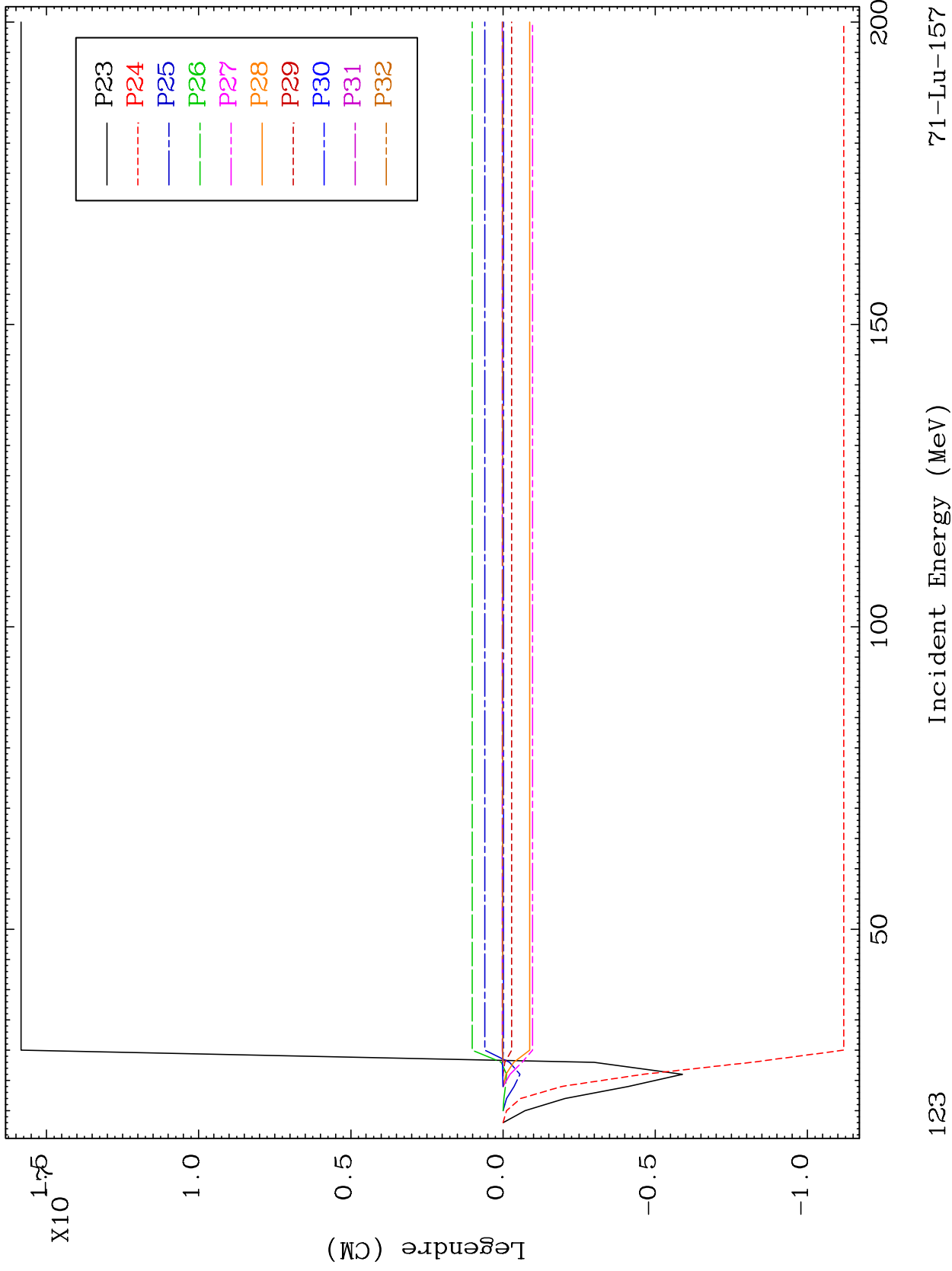


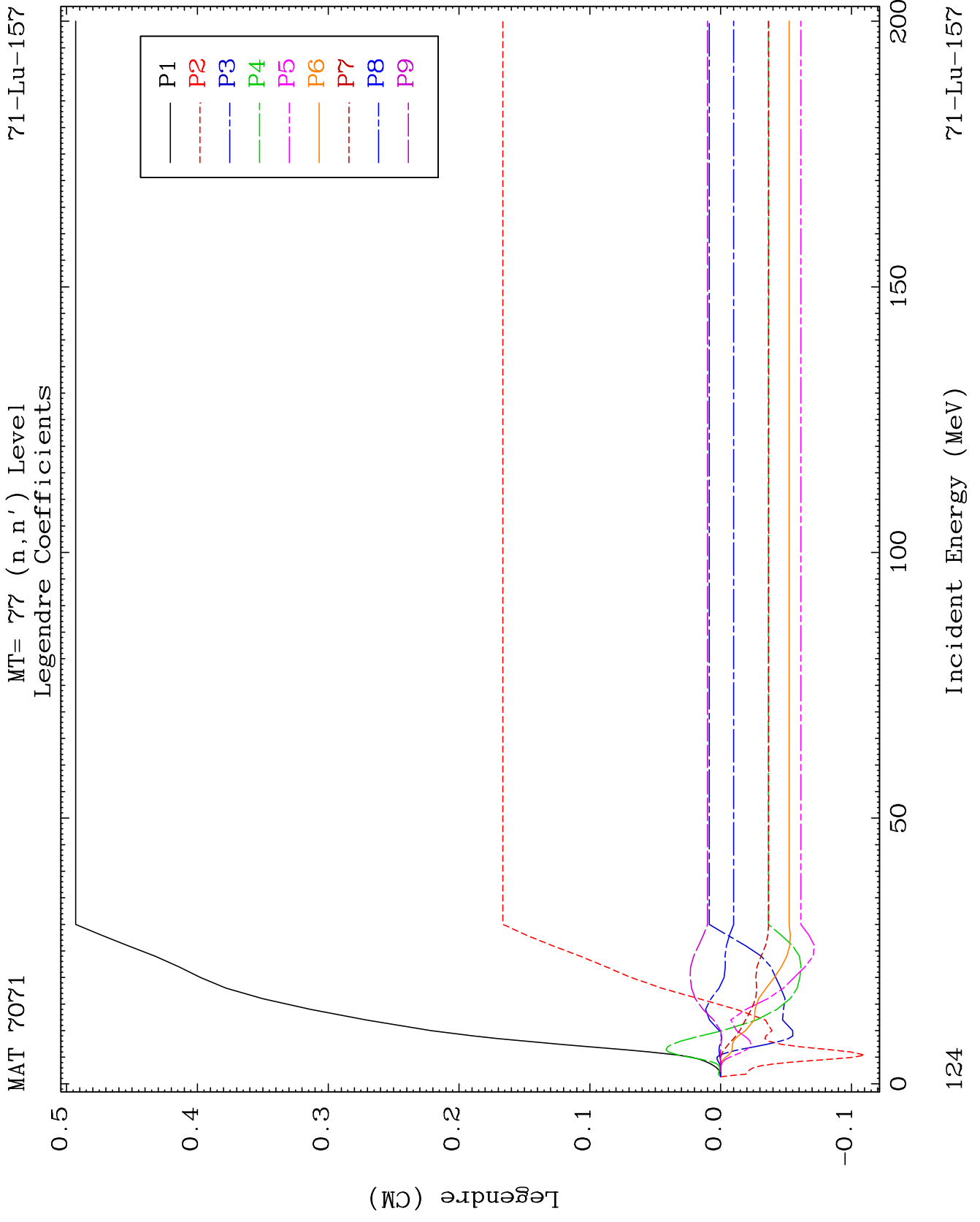
71-Lu-157

Incident Energy (MeV)

121



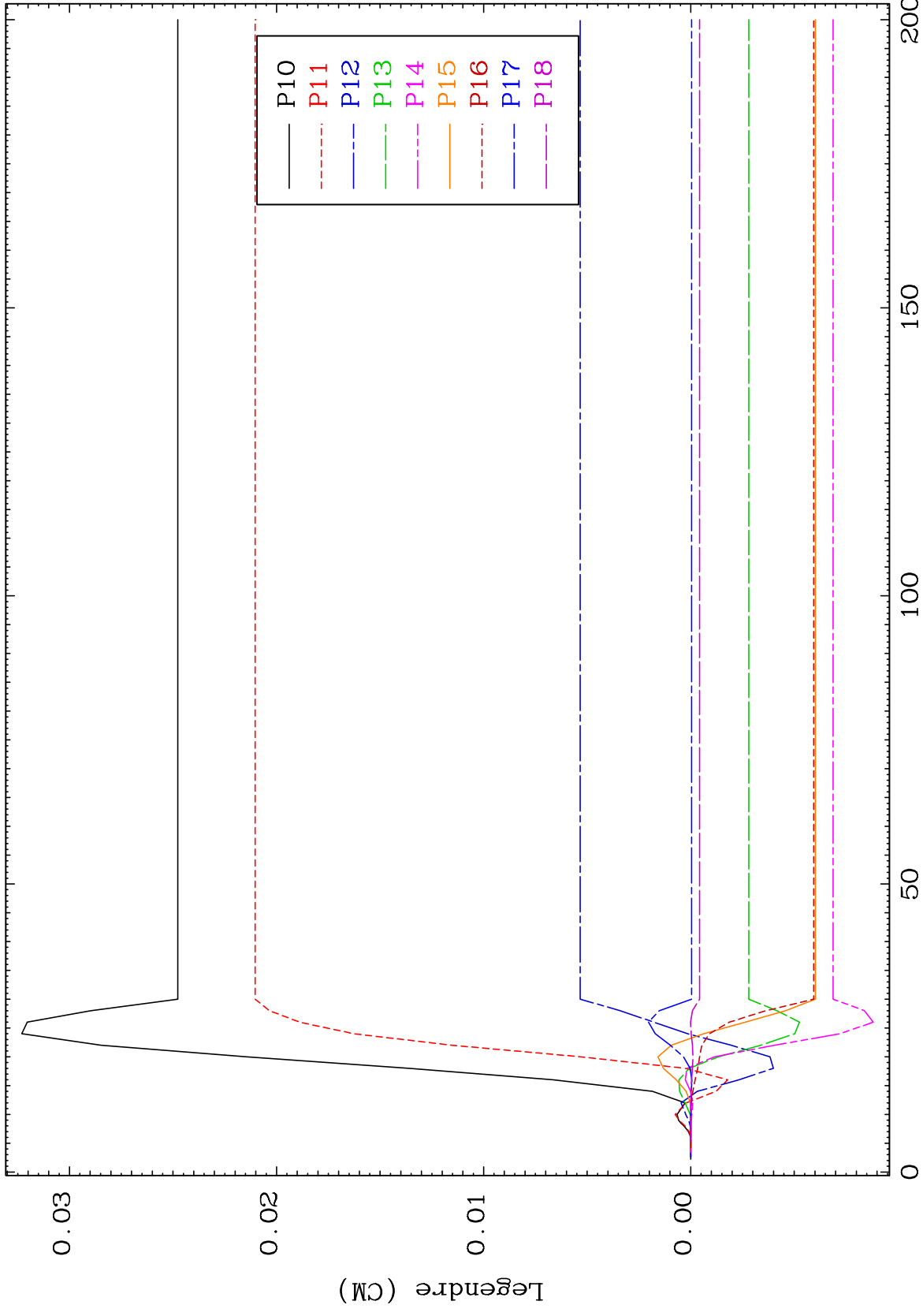




MAT 7071

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

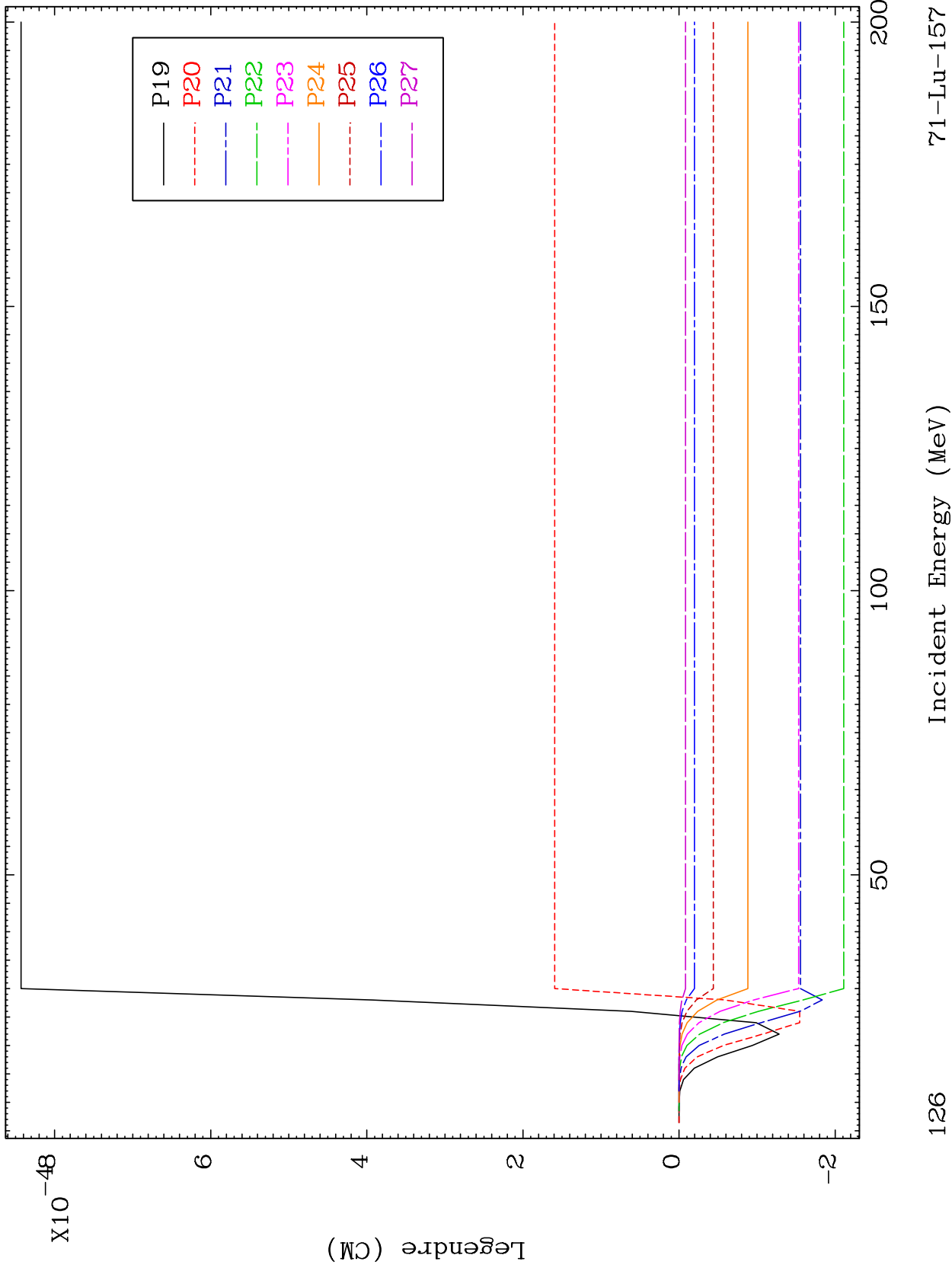
71-Lu-157

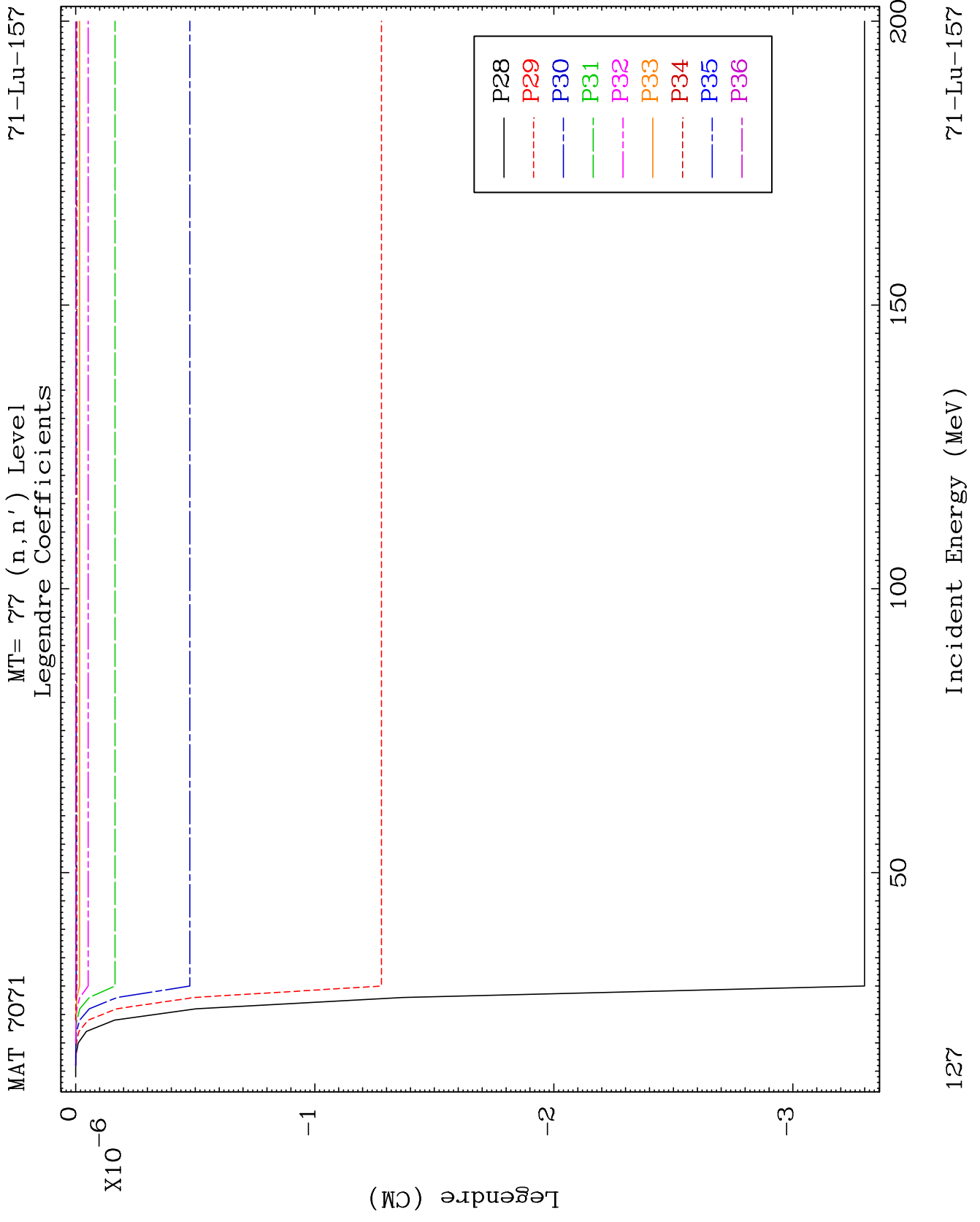


125

Incident Energy (MeV)

71-Lu-157

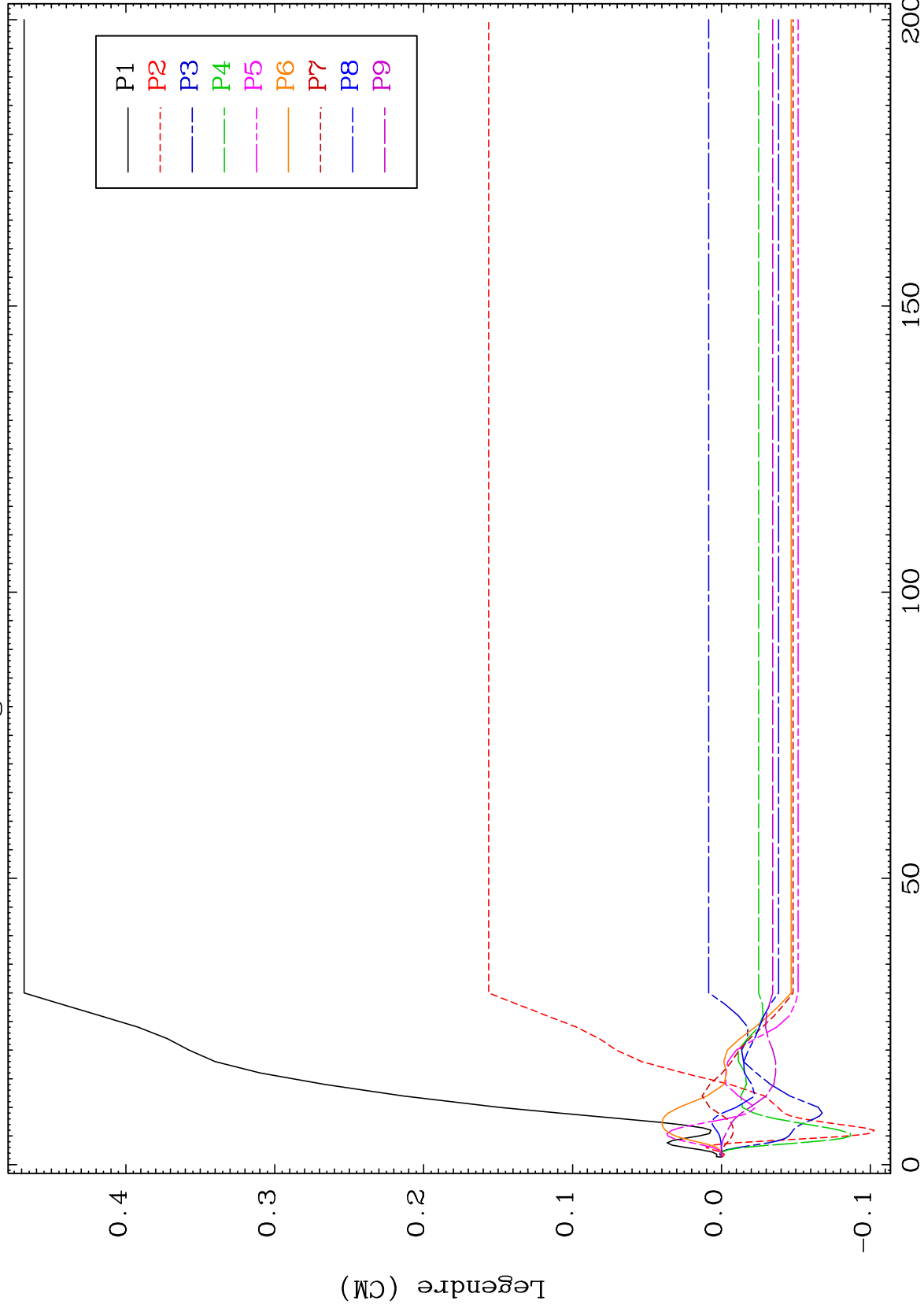




MAT 7071

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

71-Lu-157



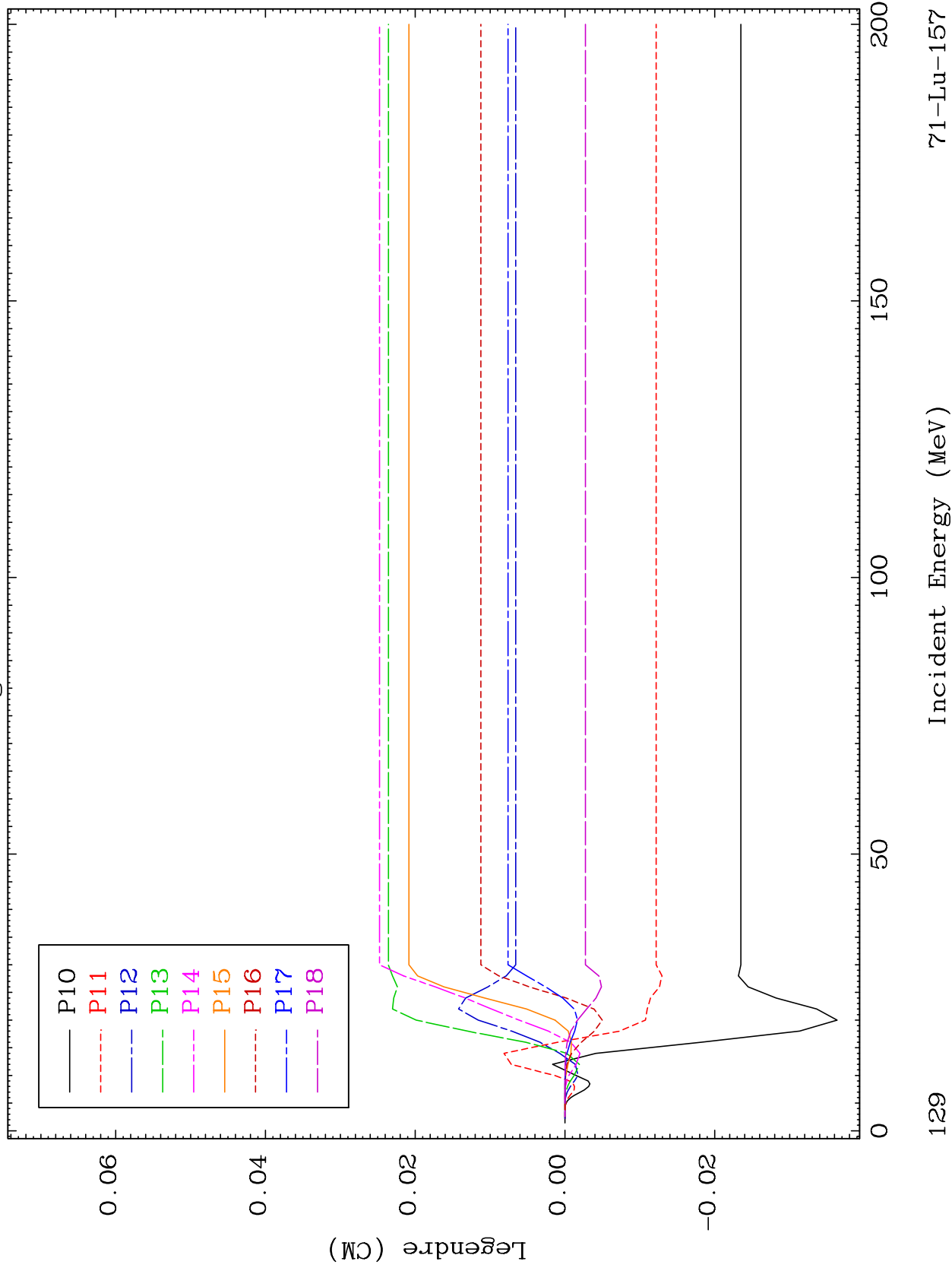
128

71-Lu-157

MAT 7071

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

71-Lu-157



129

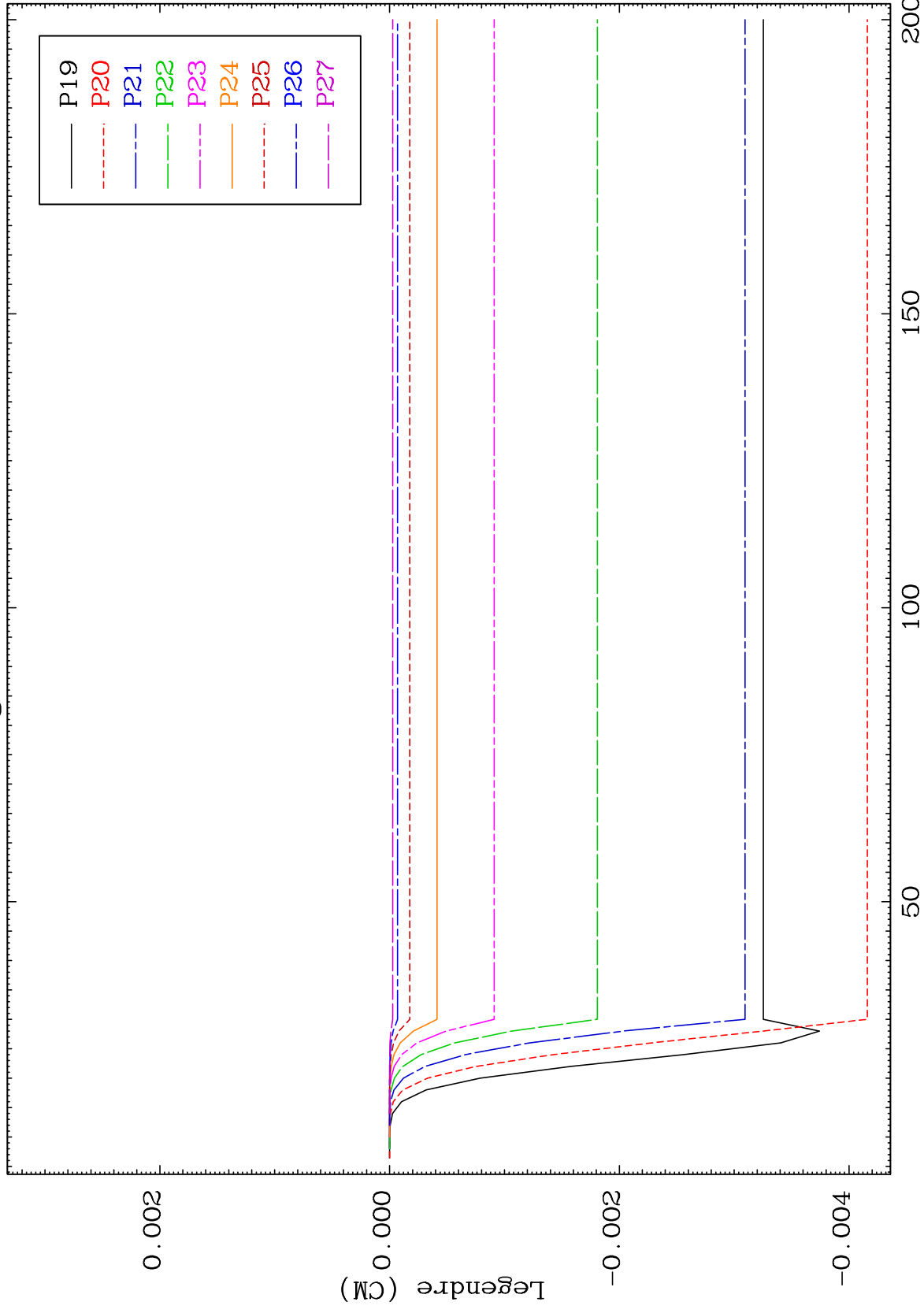
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

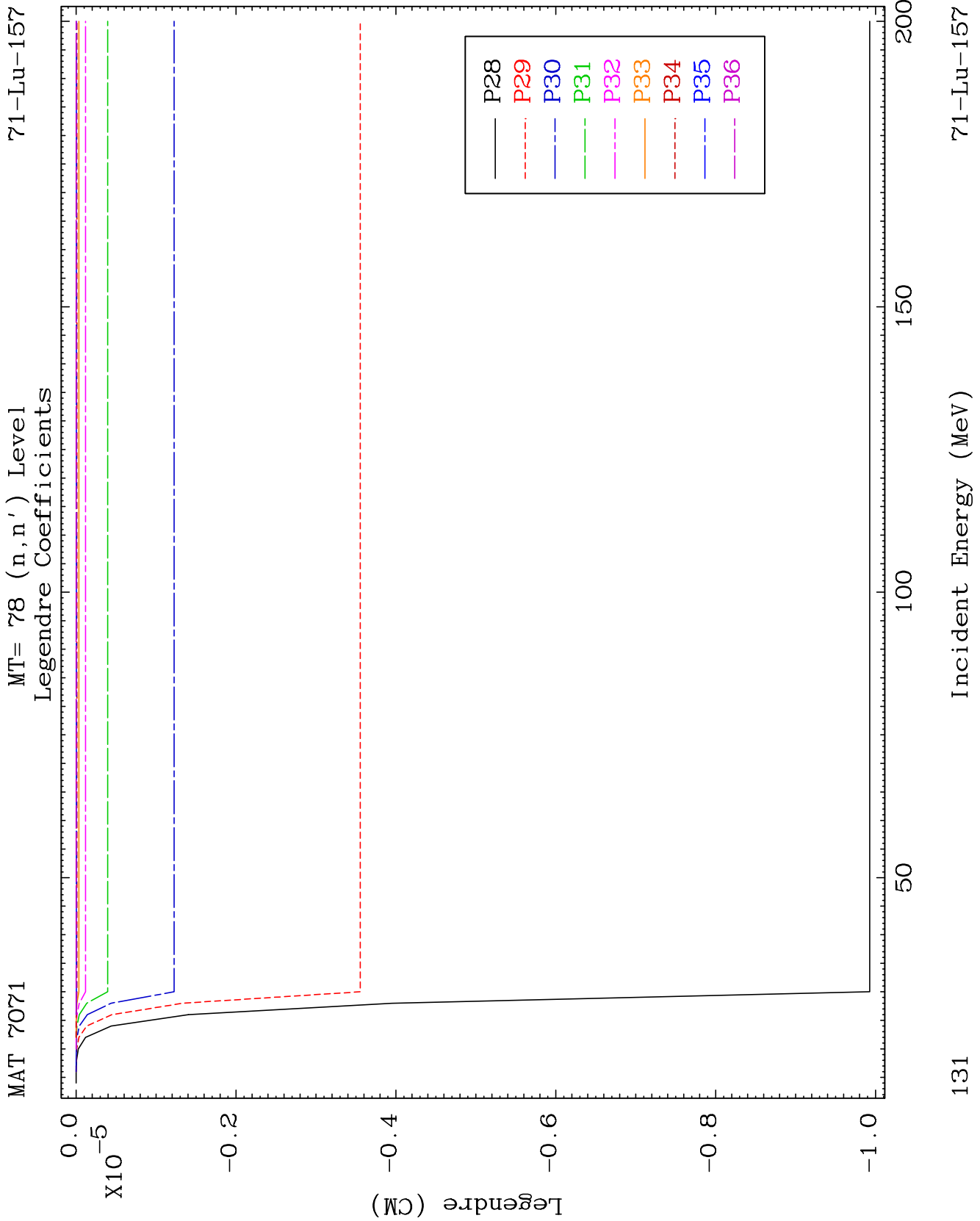
71-Lu-157

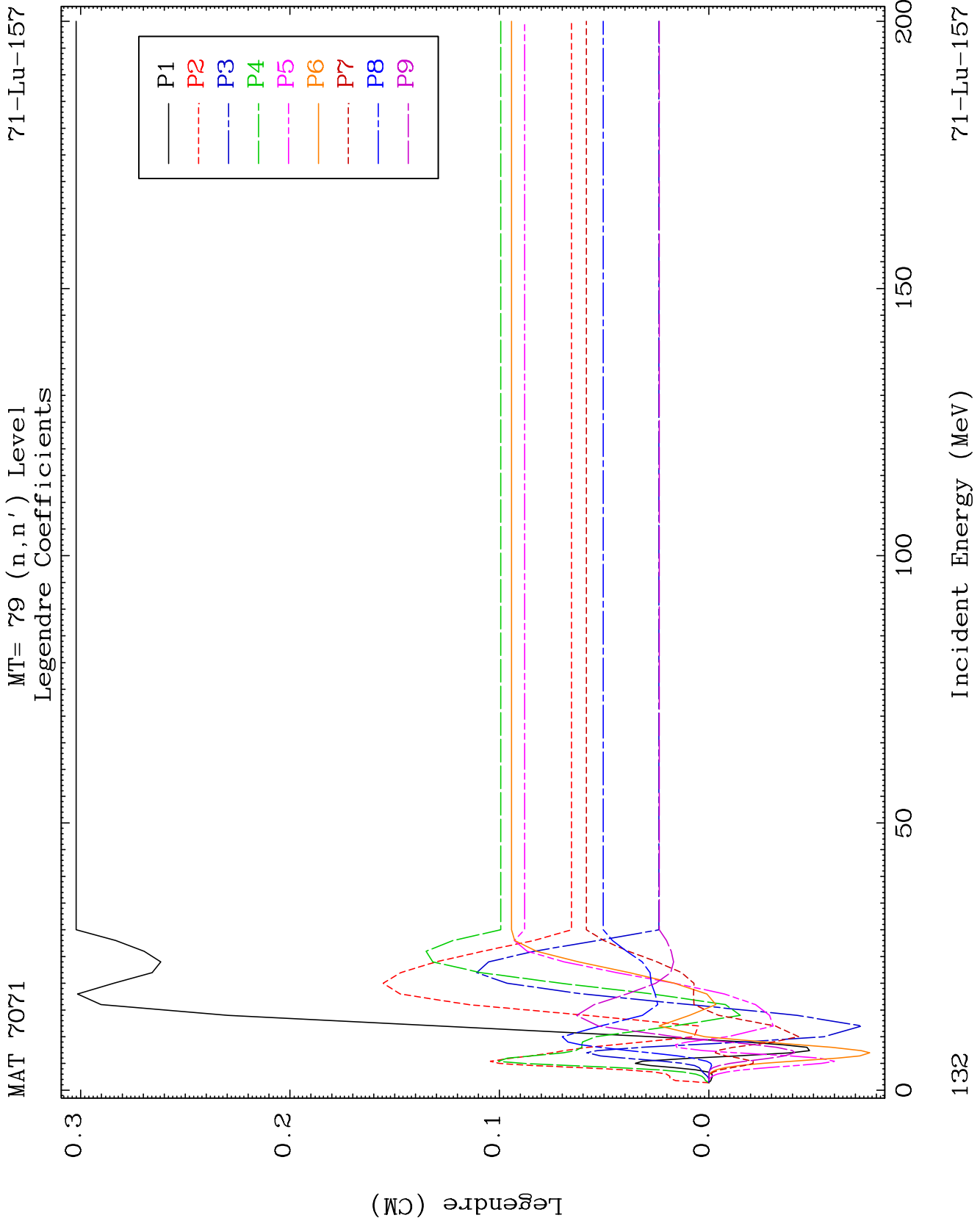


130

Incident Energy (MeV)

71-Lu-157

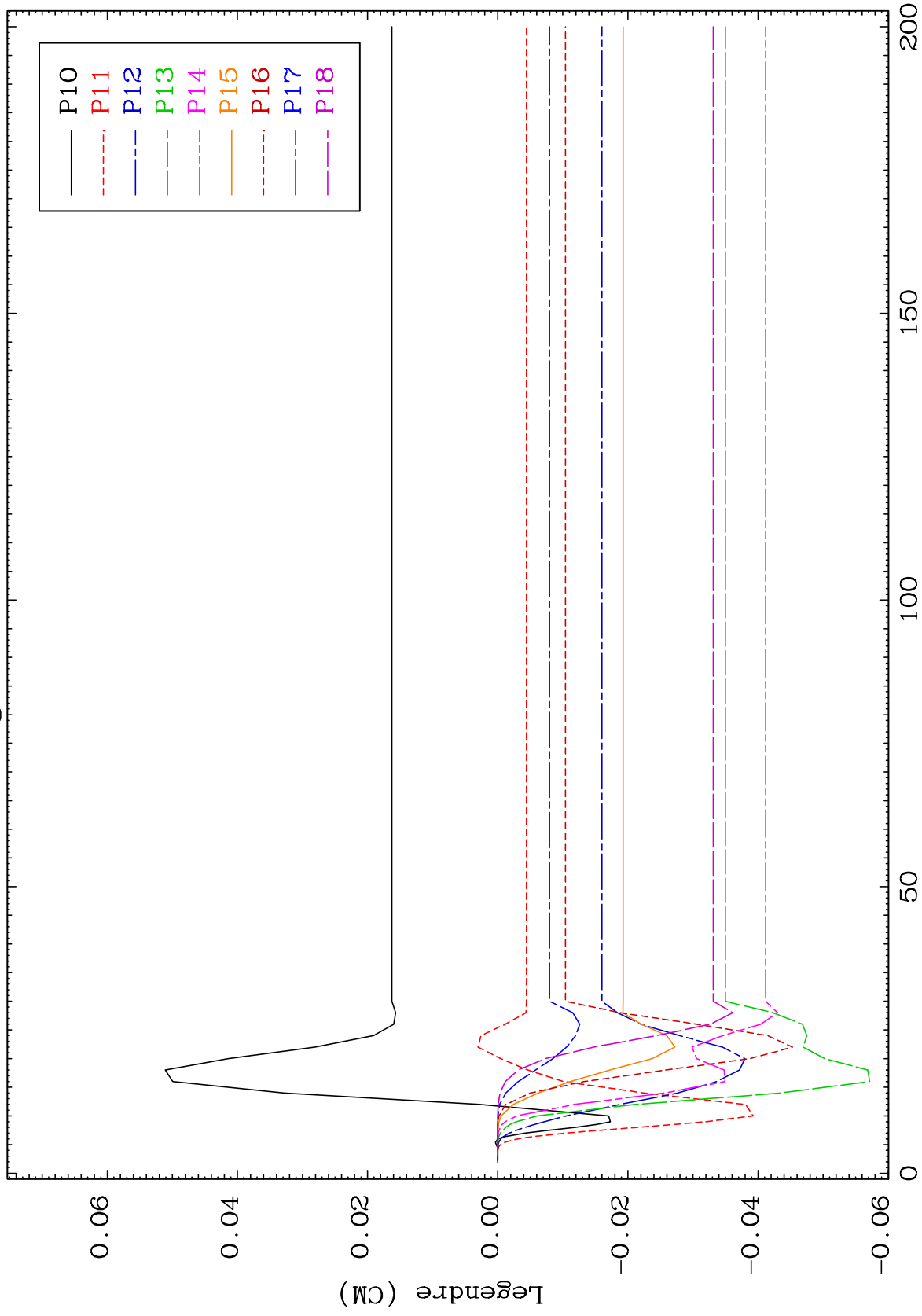




MAT 7071

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

71-Lu-157



133

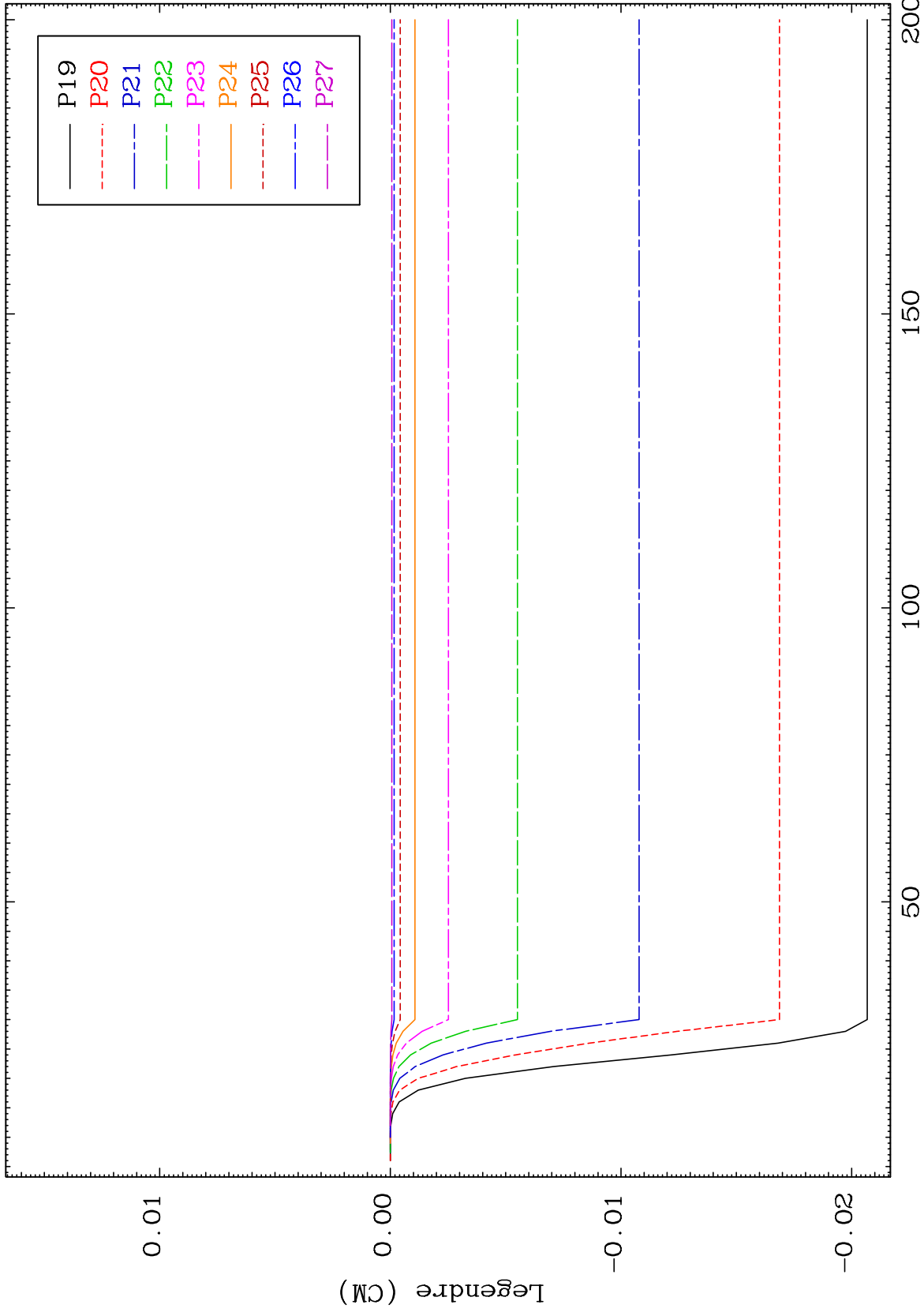
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

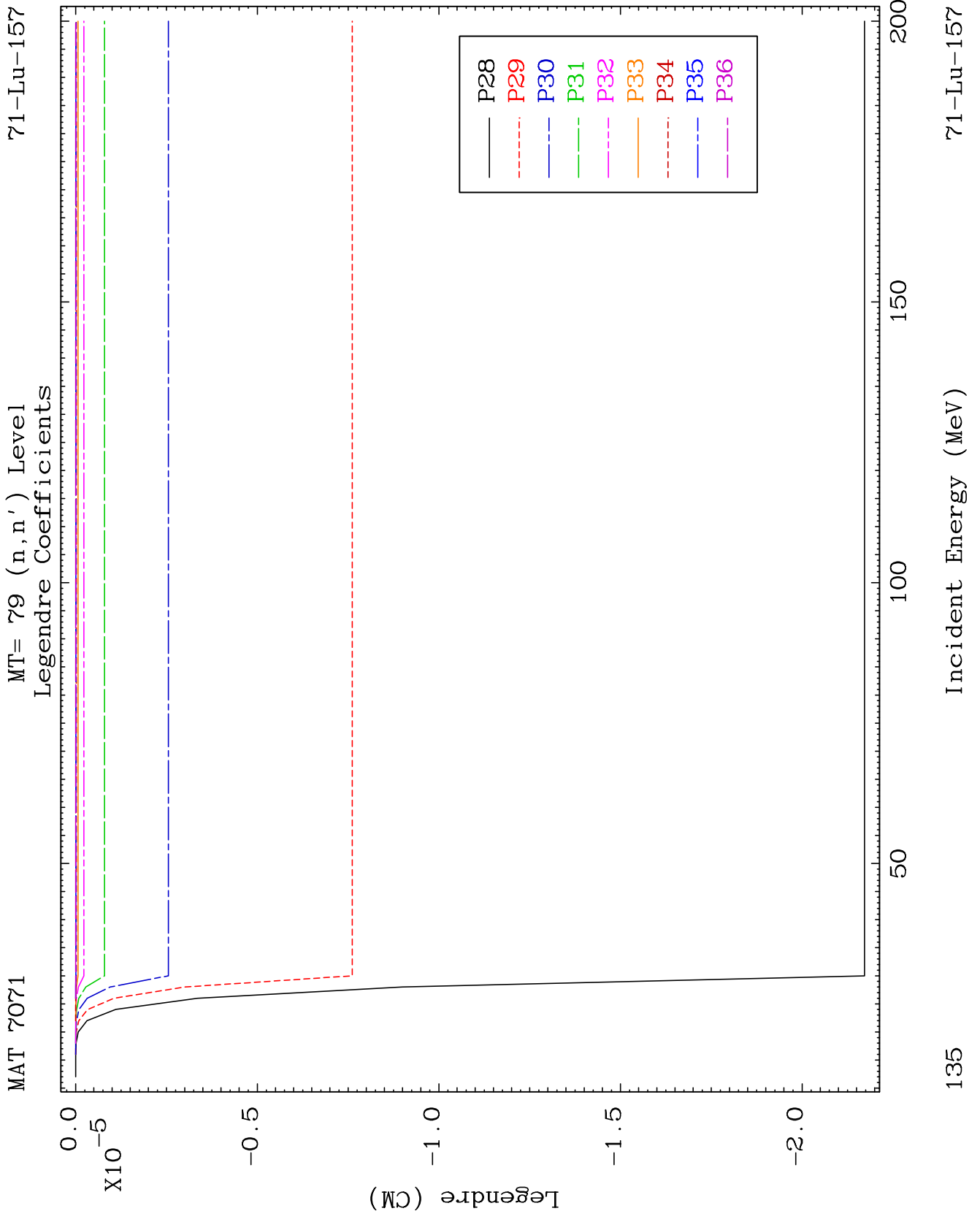
71-Lu-157



134

Incident Energy (MeV)

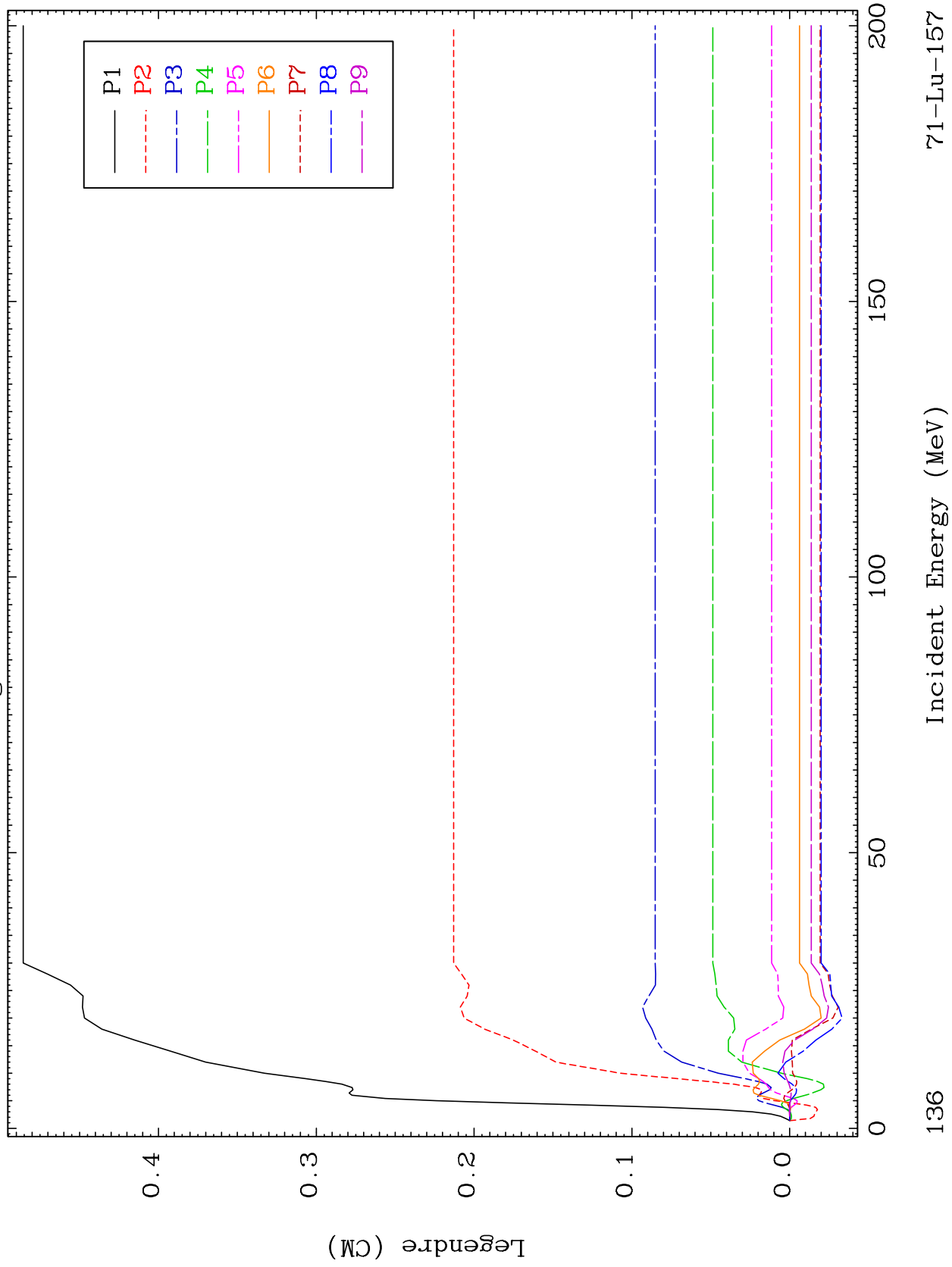
71-Lu-157



MAT 7071

MT= 80 (n,n') Level
Legendre Coefficients

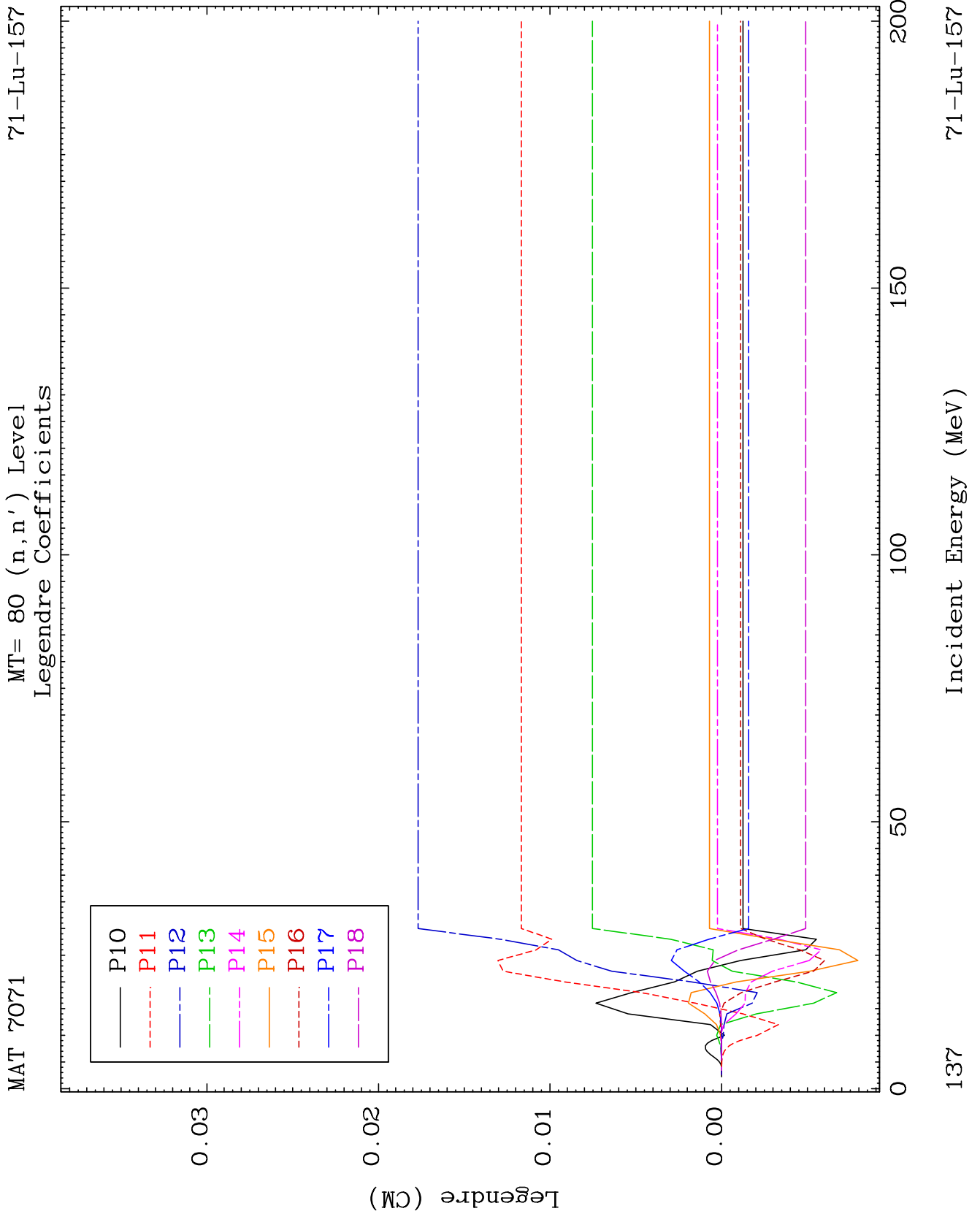
71-Lu-157



71-Lu-157

Incident Energy (MeV)

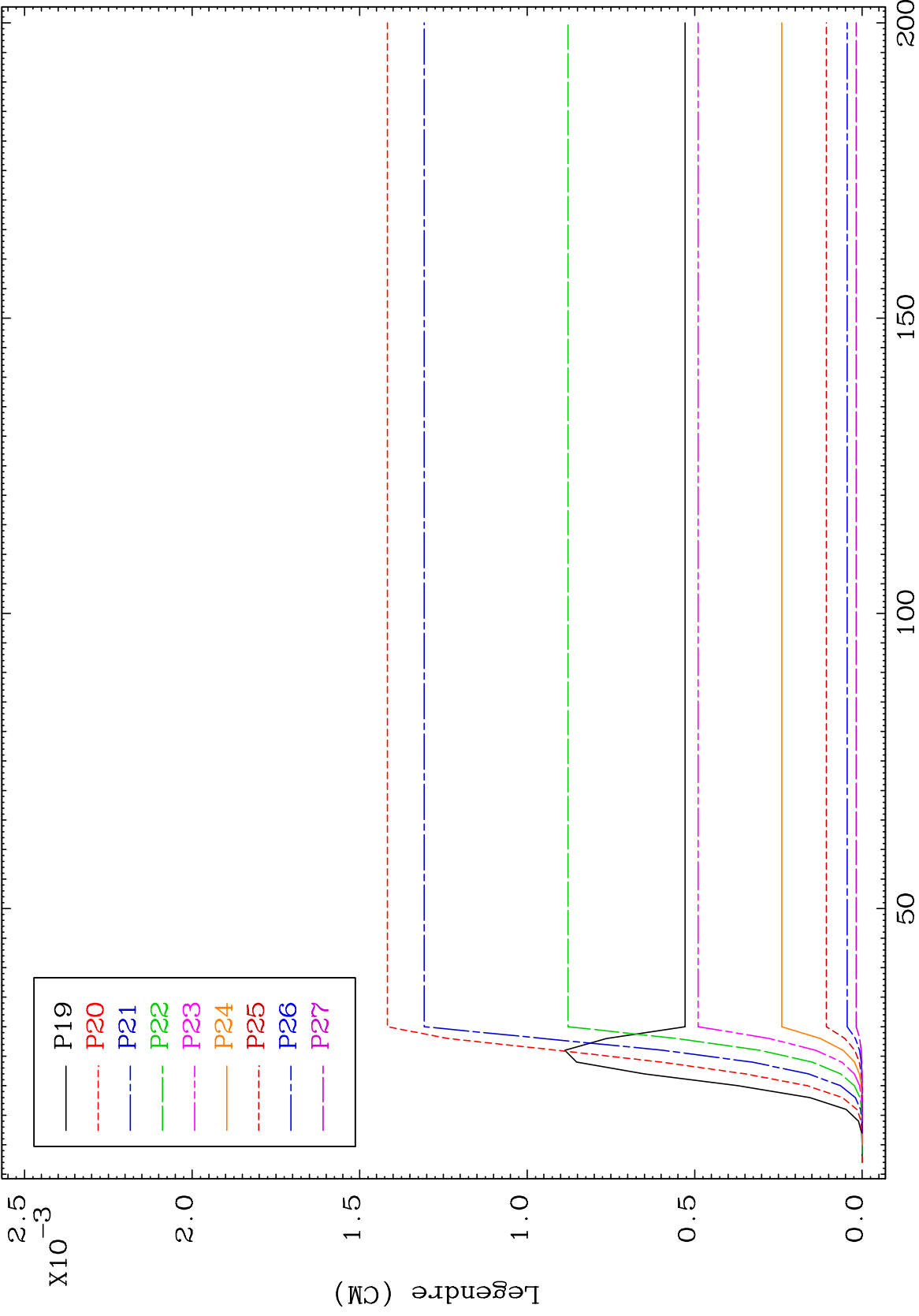
136



MAT 7071

MT= 80 (n,n') Level
Legendre Coefficients

71-Lu-157



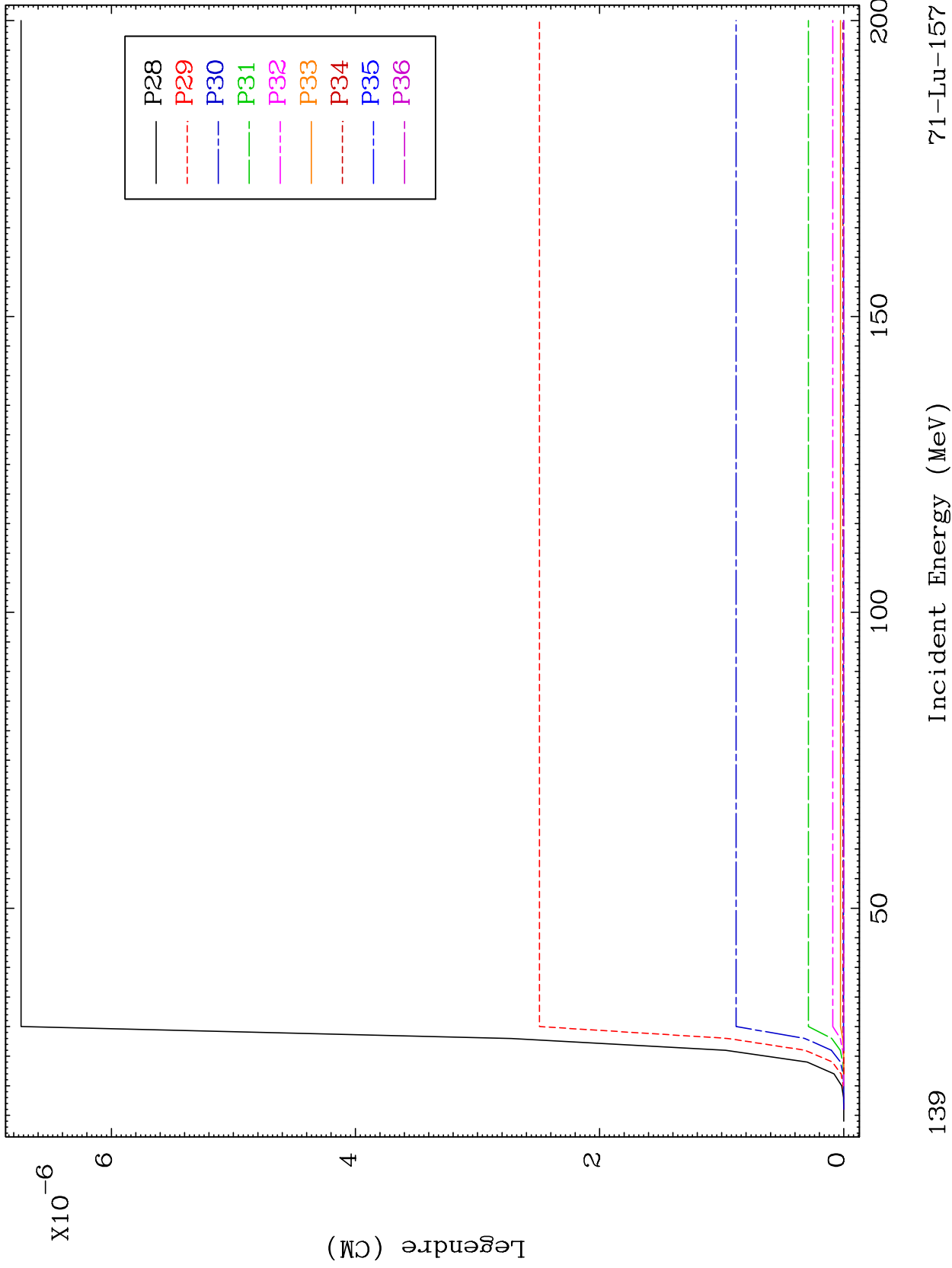
138

71-Lu-157

MAT 7071

MT= 80 (n,n') Level
Legendre Coefficients

71-Lu-157



139

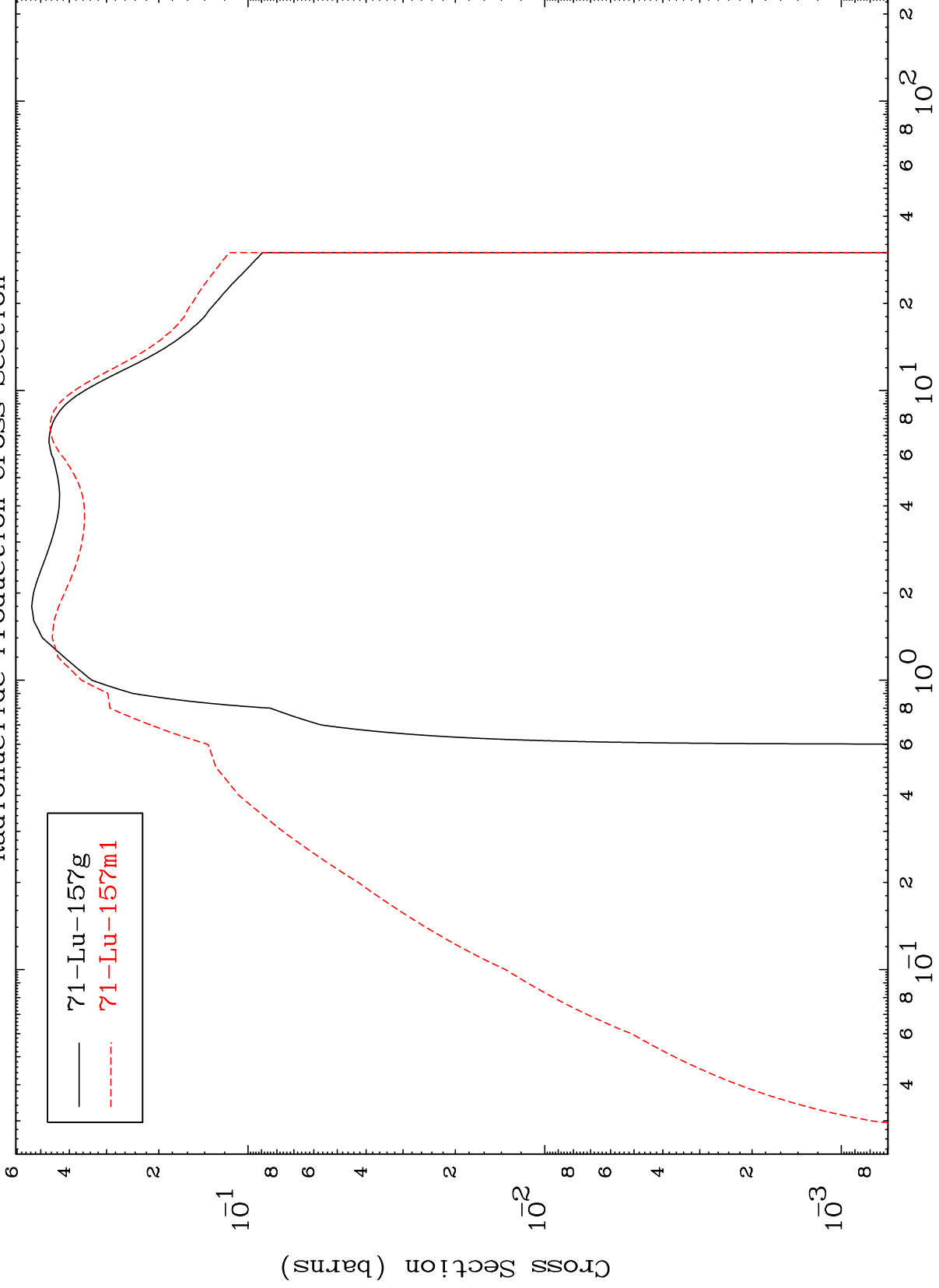
Incident Energy (MeV)

71-Lu-157

MAT 7071

71-Lu-157

Inelastic
Radionuclide Production Cross Section



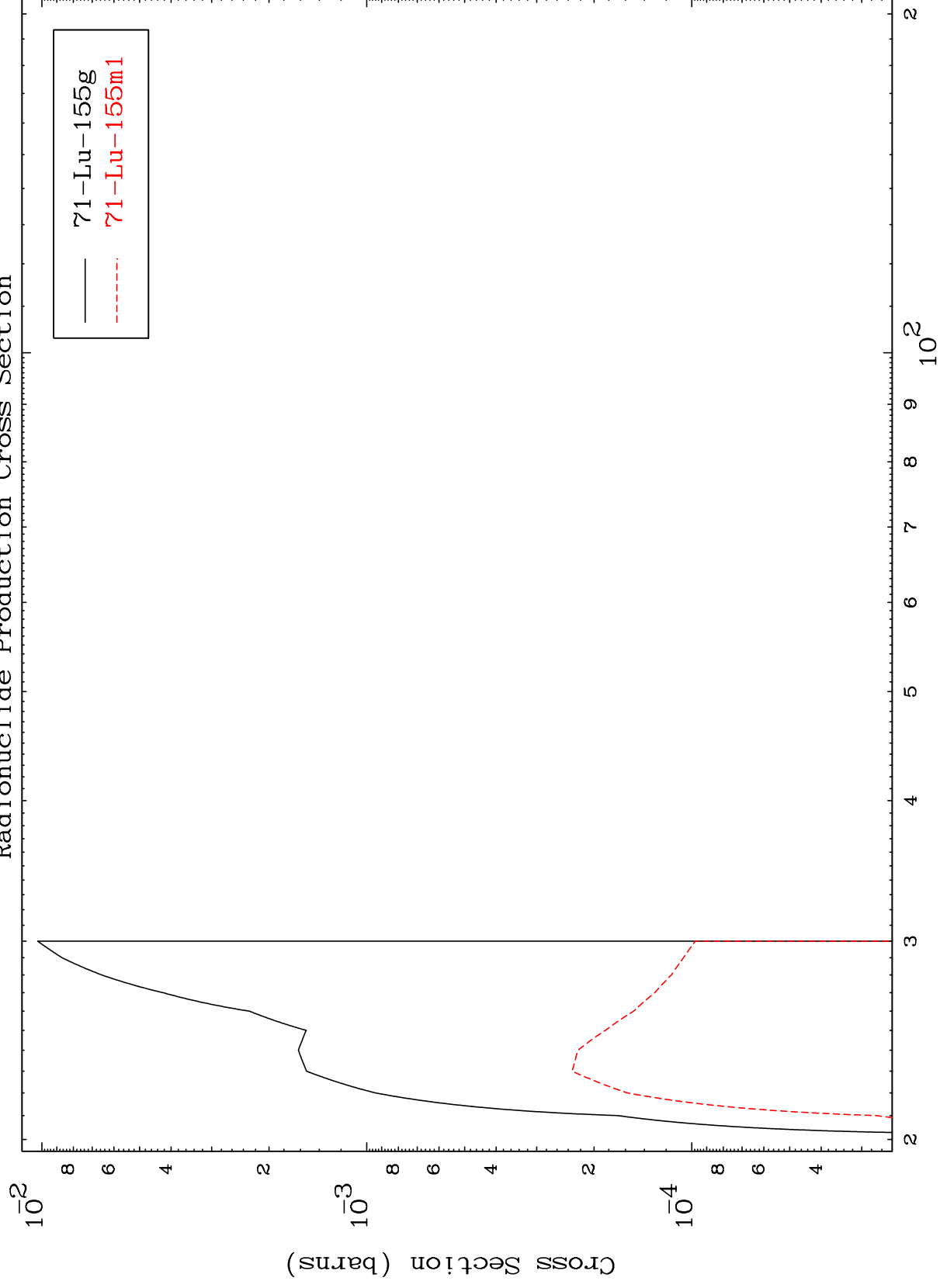
140

71-Lu-157

MAT 7071

71-Lu-157

(n,3n)
Radionuclide Production Cross Section



141

Incident Energy (MeV)

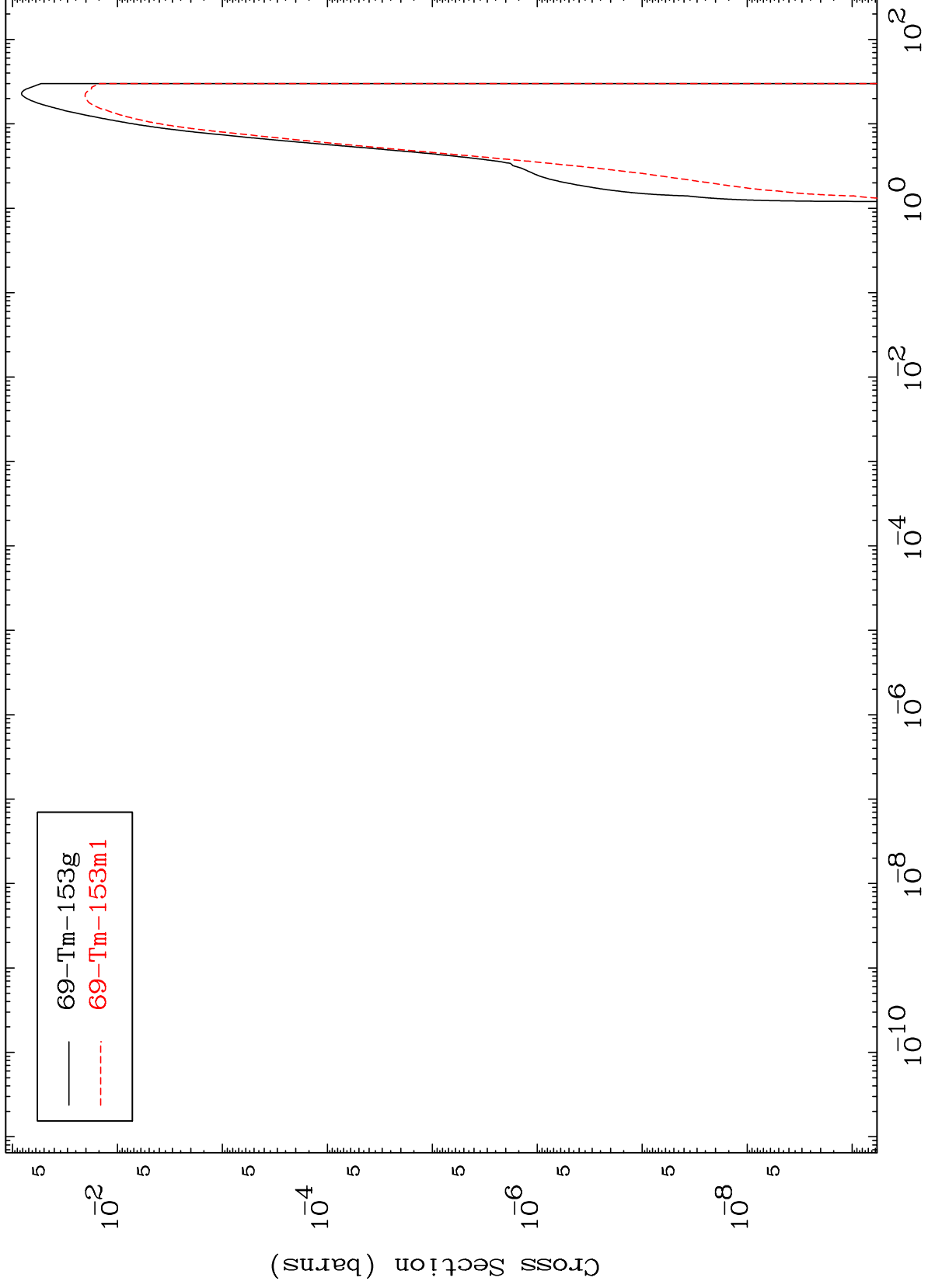
71-Lu-157

MAT 7071

$(n, n') \alpha$

71-Lu-157

Radionuclide Production Cross Section

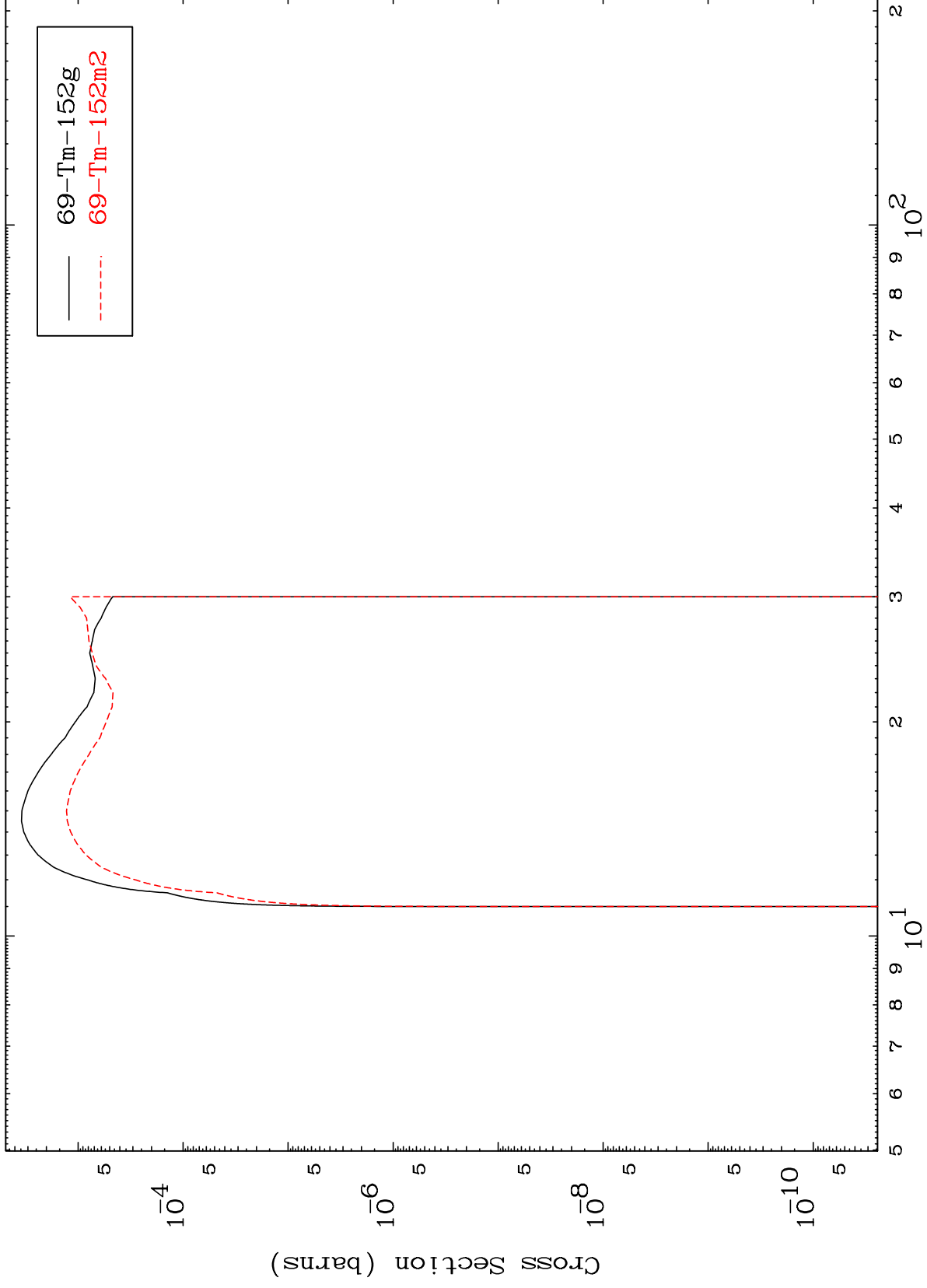


MAT 7071

$(n,2n) \alpha$

71-Lu-157

Radionuclide Production Cross Section

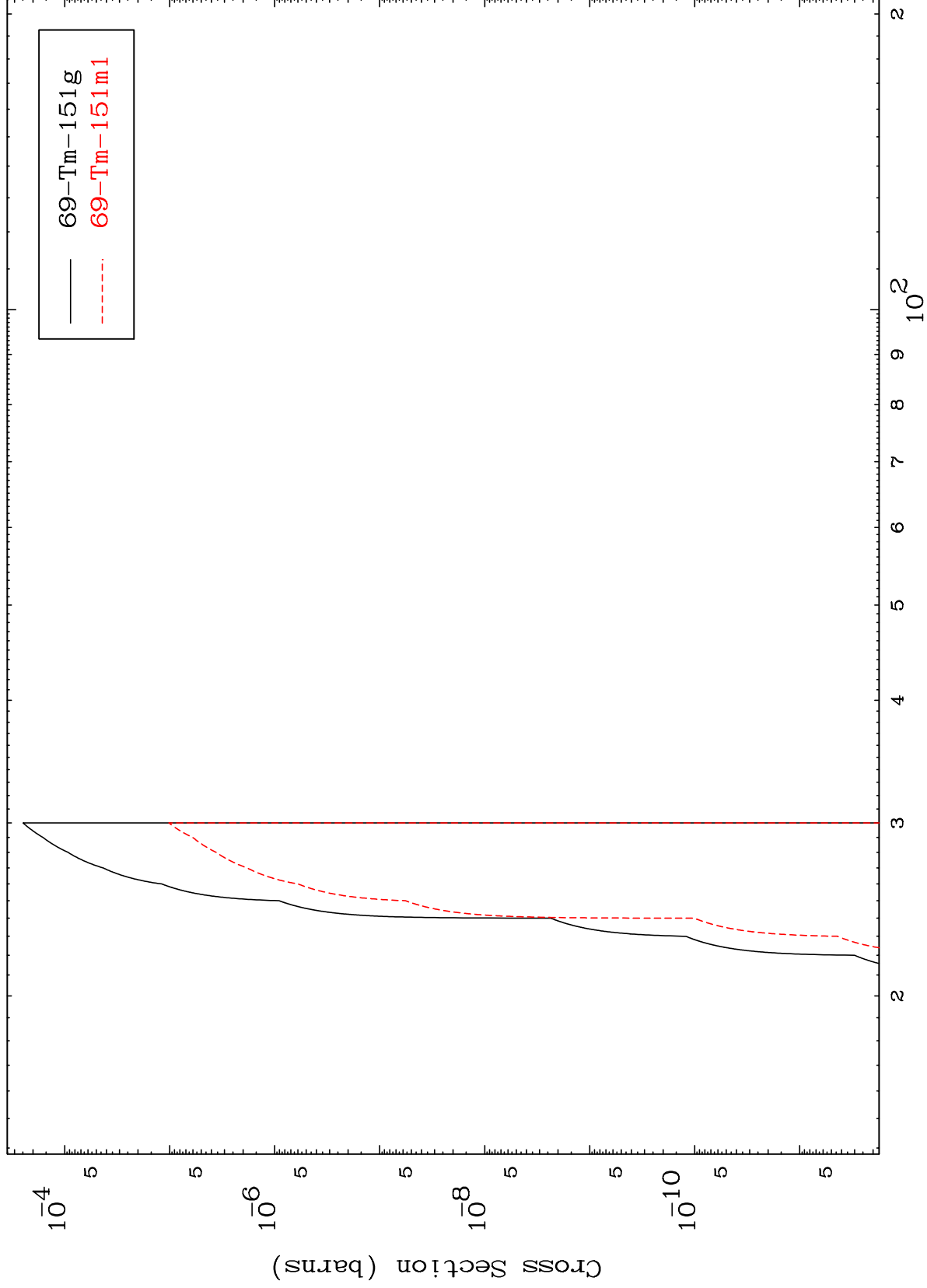


143

Incident Energy (MeV)

71-Lu-157

Radionuclide Production Cross Section

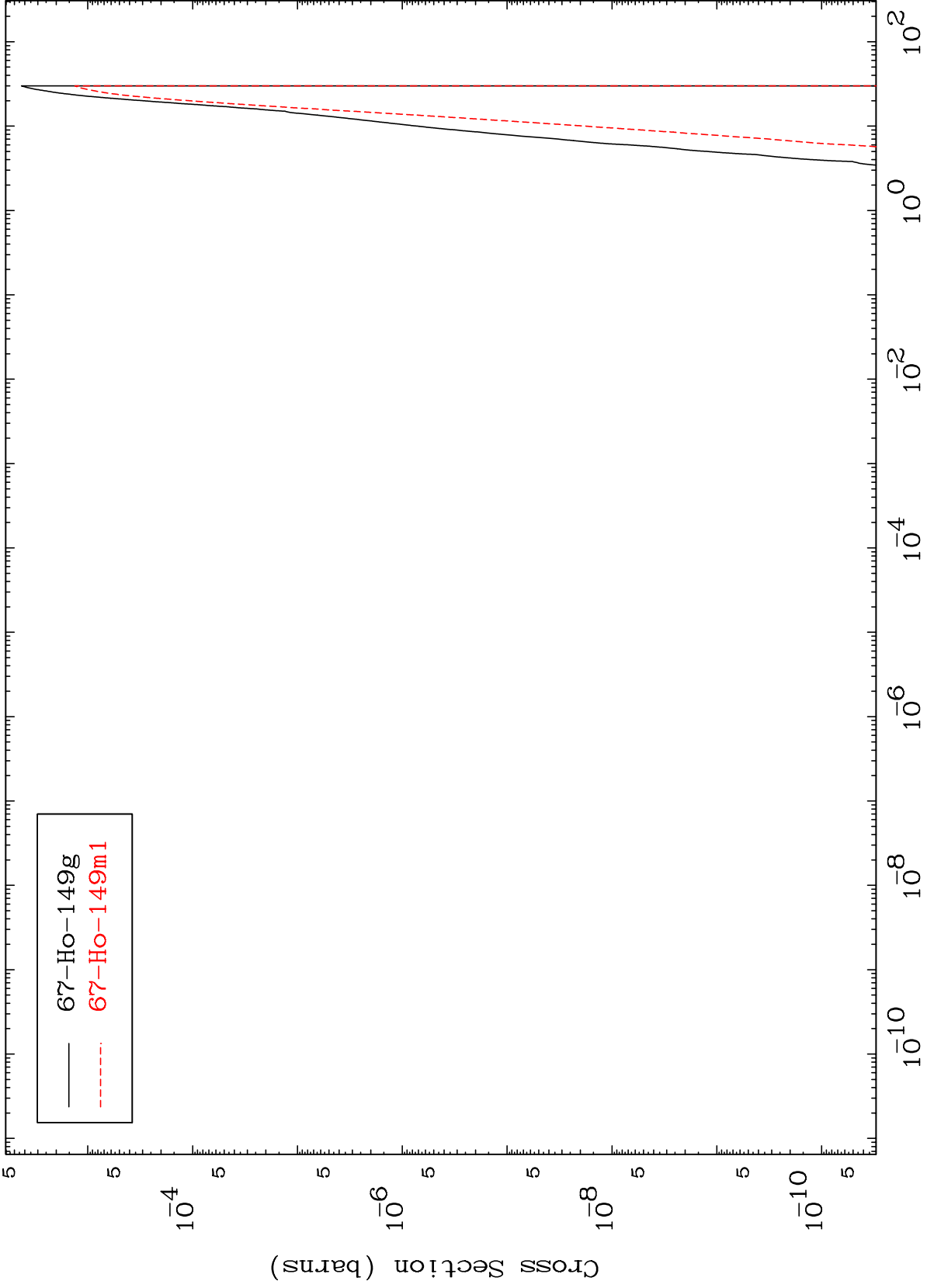


MAT 7071

(n,n') 2α

71-Lu-157

Radionuclide Production Cross Section



— 67-Ho-149g
- - - 67-Ho-149m1

145

Incident Energy (MeV)

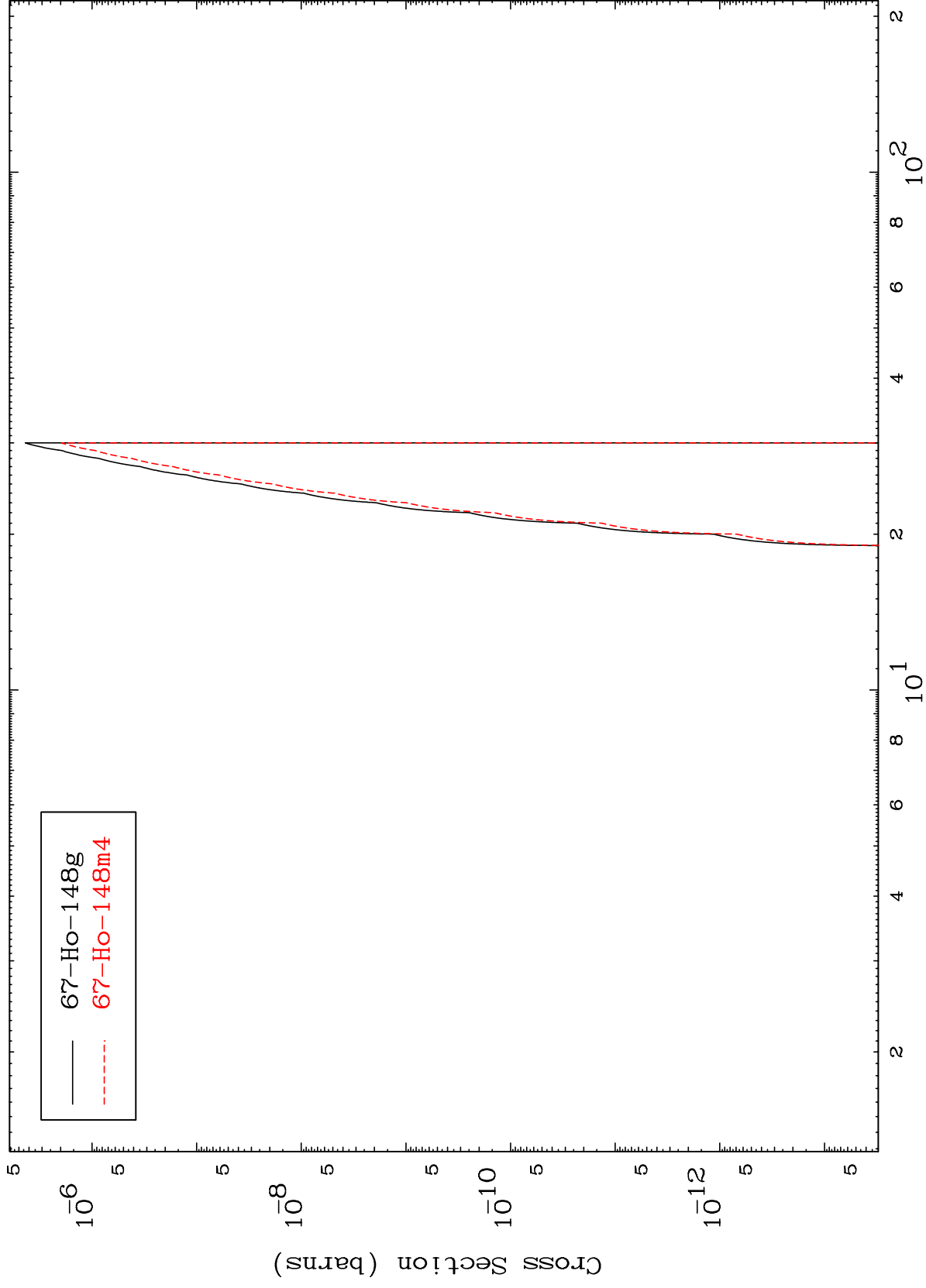
71-Lu-157

MAT 7071

(n,2n) 2α

71-Lu-157

Radionuclide Production Cross Section



146

Incident Energy (MeV)

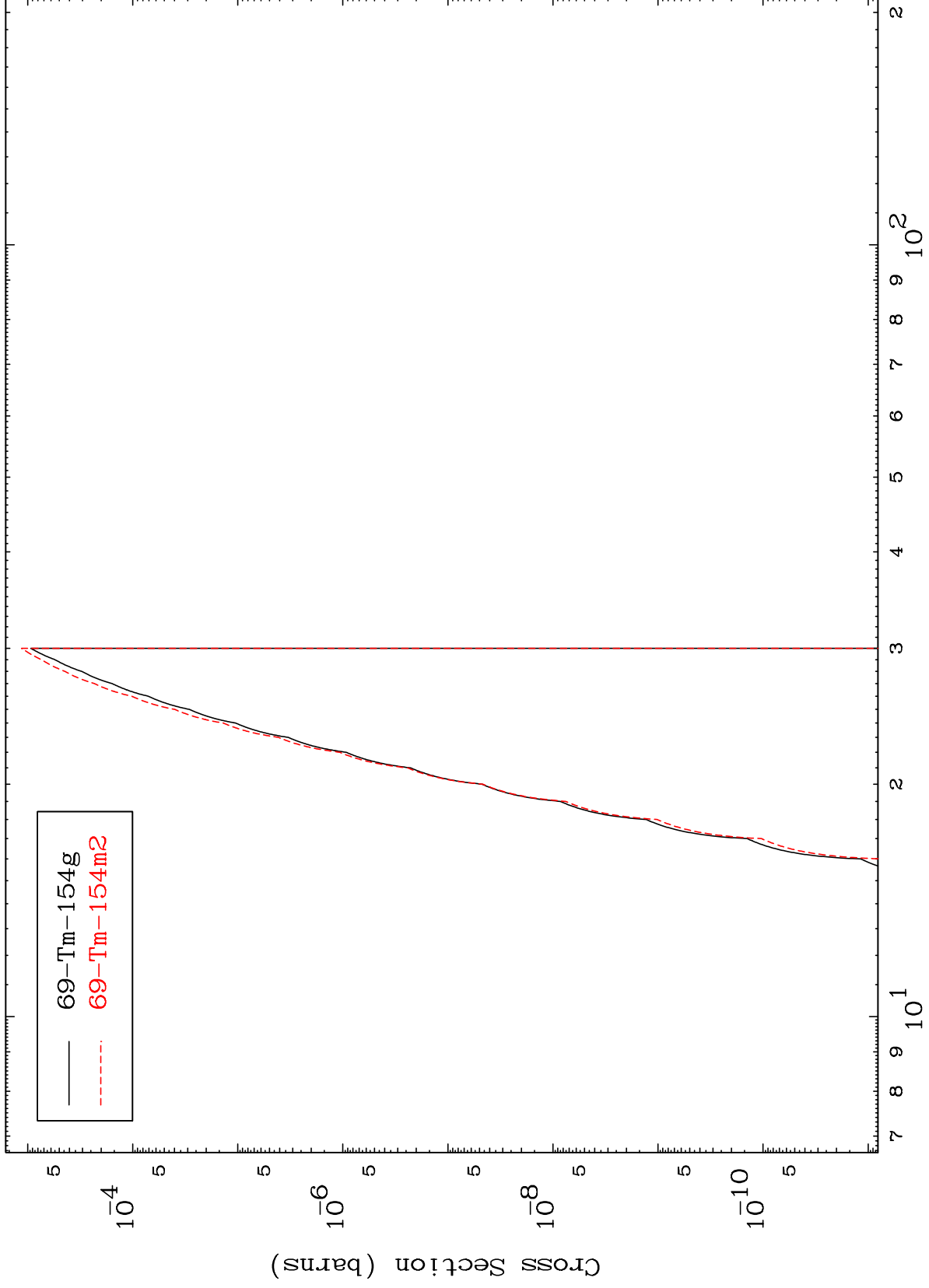
71-Lu-157

MAT 7071

(n,n') He-3

71-Lu-157

Radionuclide Production Cross Section



147

Incident Energy (MeV)

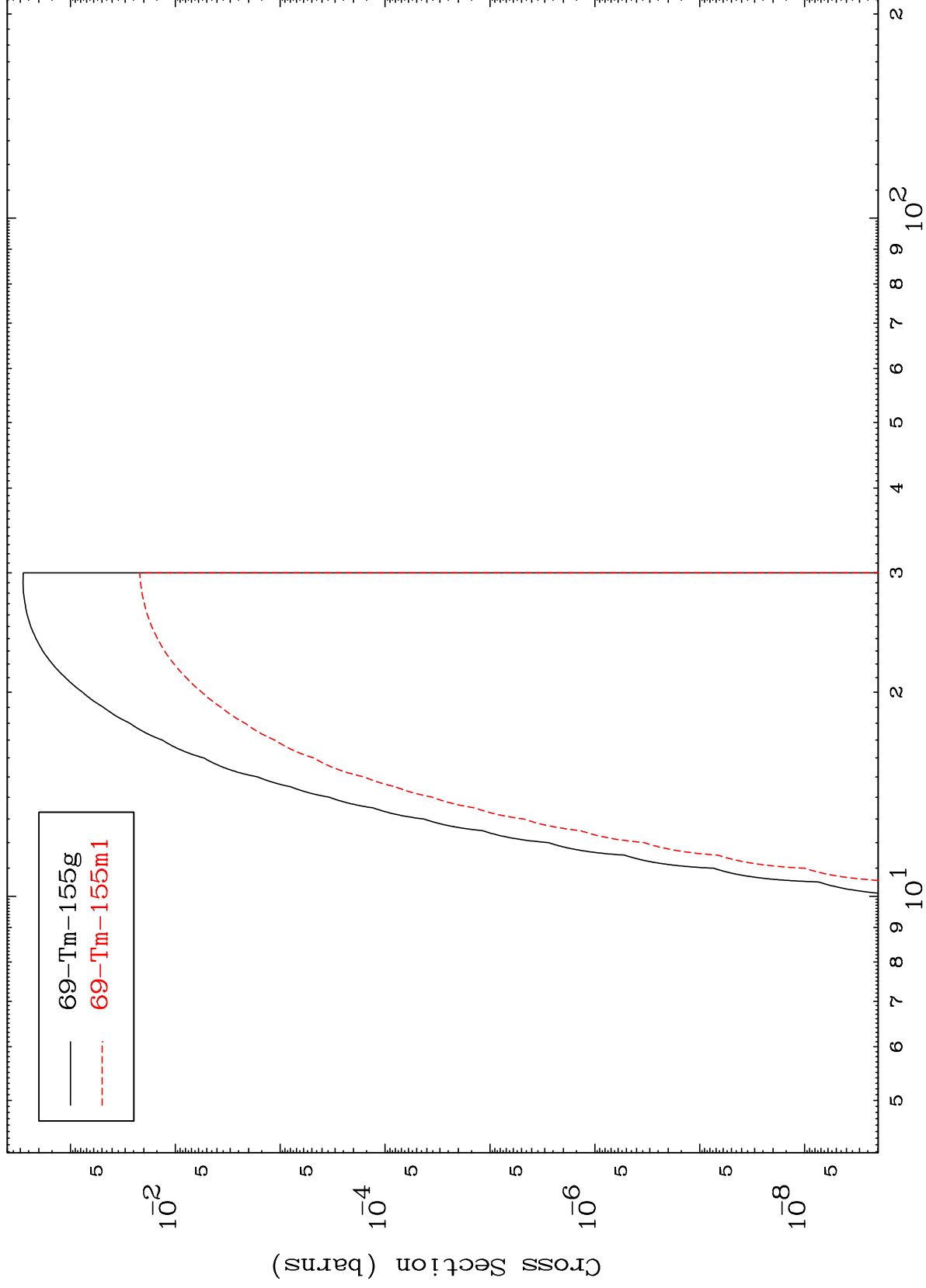
71-Lu-157

MAT 7071

(n,2n) p

71-Lu-157

Radionuclide Production Cross Section



148

Incident Energy (MeV)

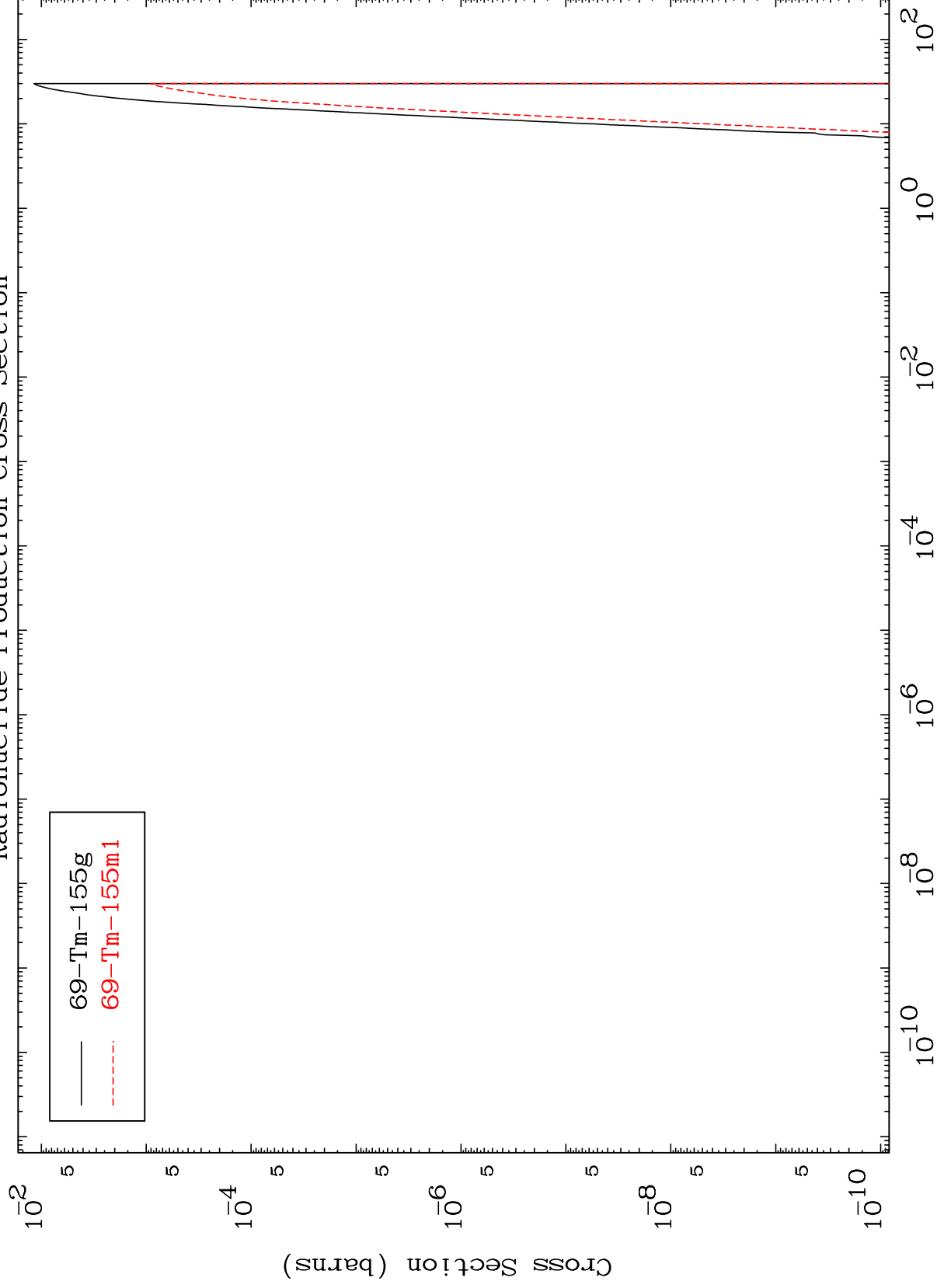
71-Lu-157

MAT 7071

(n,He-3)

71-Lu-157

Radionuclide Production Cross Section



149

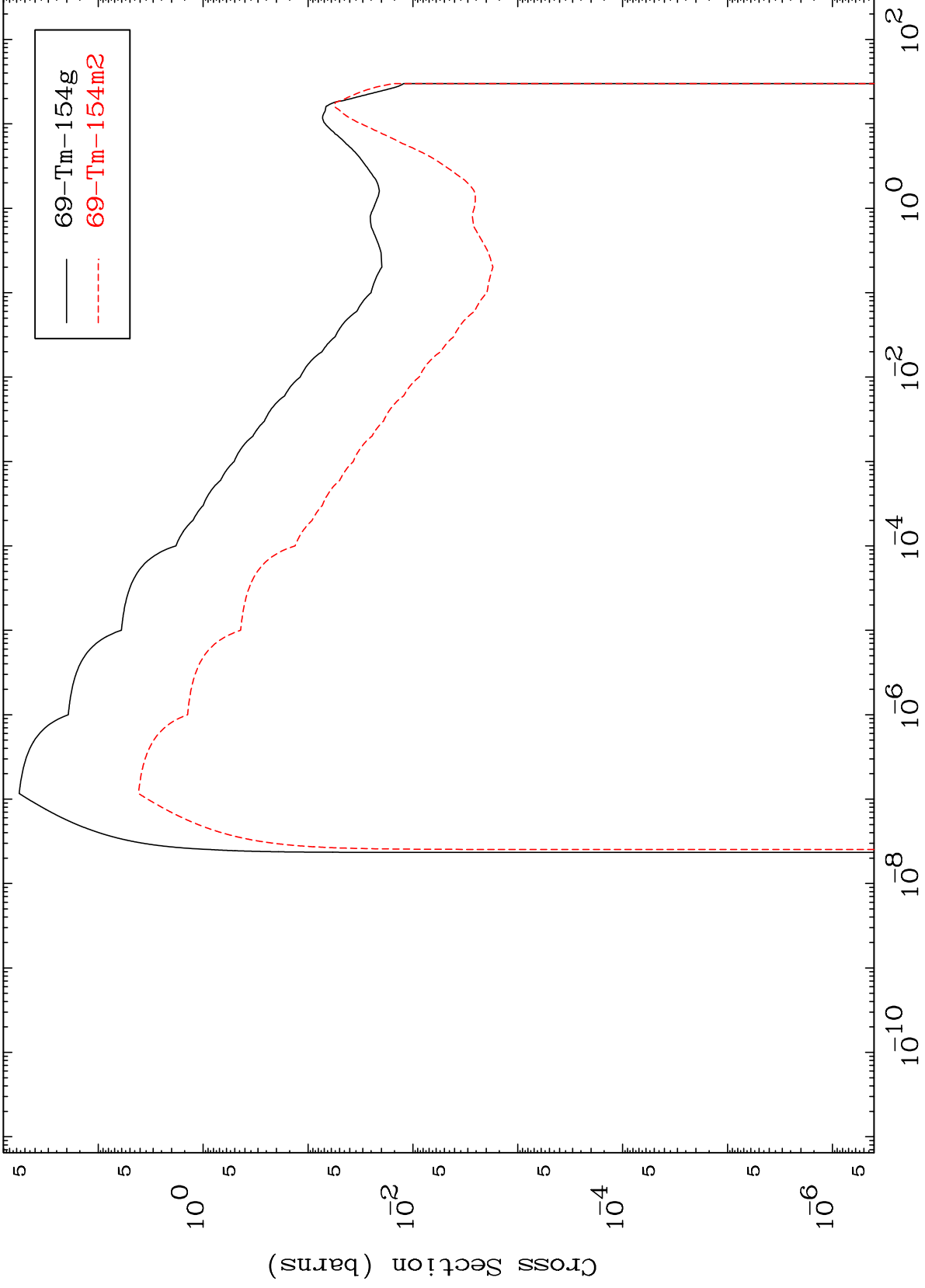
Incident Energy (MeV)

71-Lu-157

MAT 7071

71-Lu-157

(n, α)
Radionuclide Production Cross Section



150

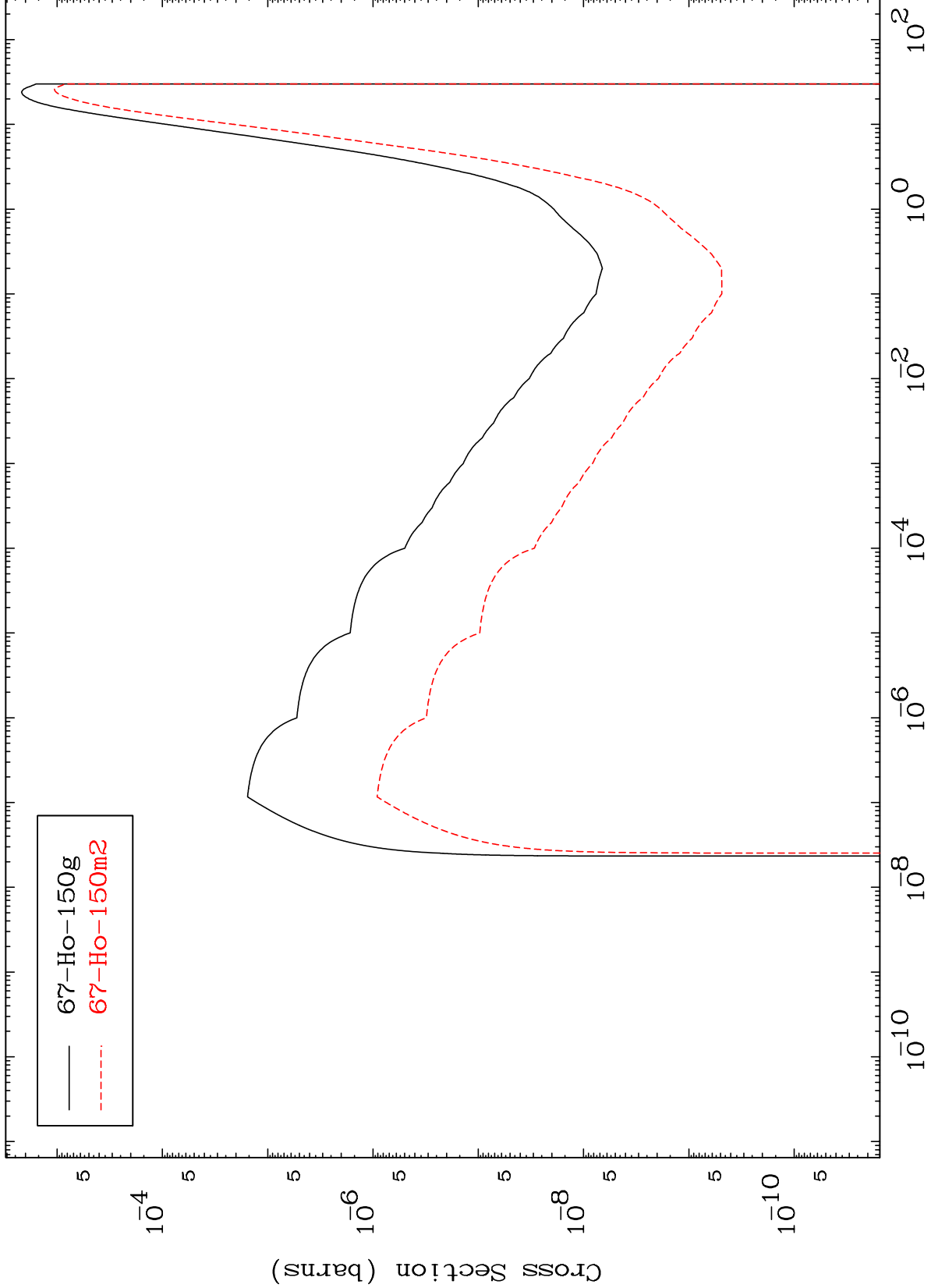
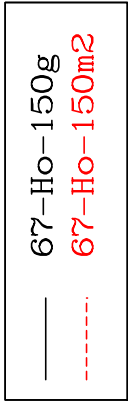
71-Lu-157

MAT 7071

(n,2α)

71-Lu-157

Radionuclide Production Cross Section



151

Incident Energy (MeV)

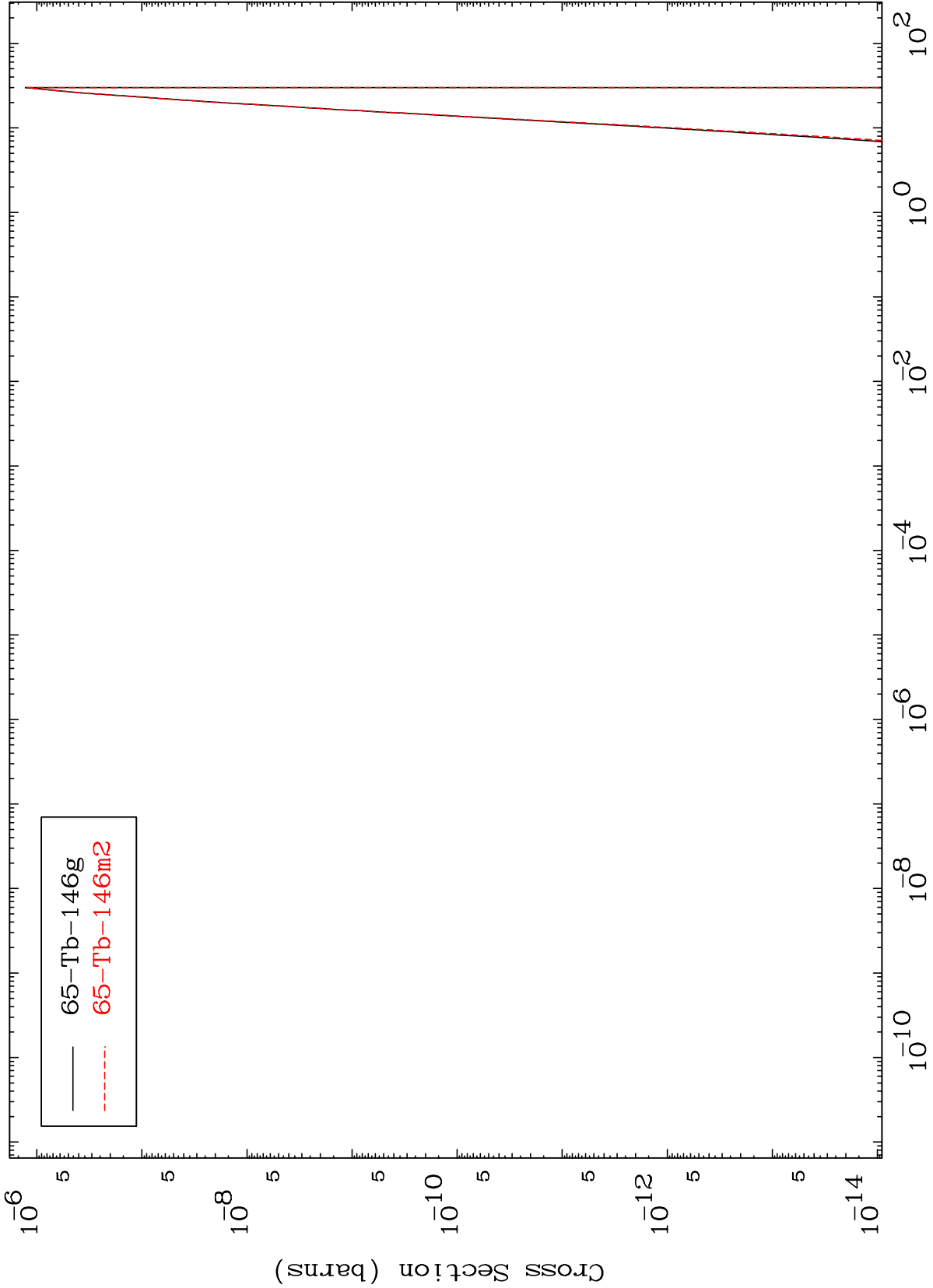
71-Lu-157

MAT 7071

(n, 3α)

⁷¹Lu-157

Radionuclide Production Cross Section

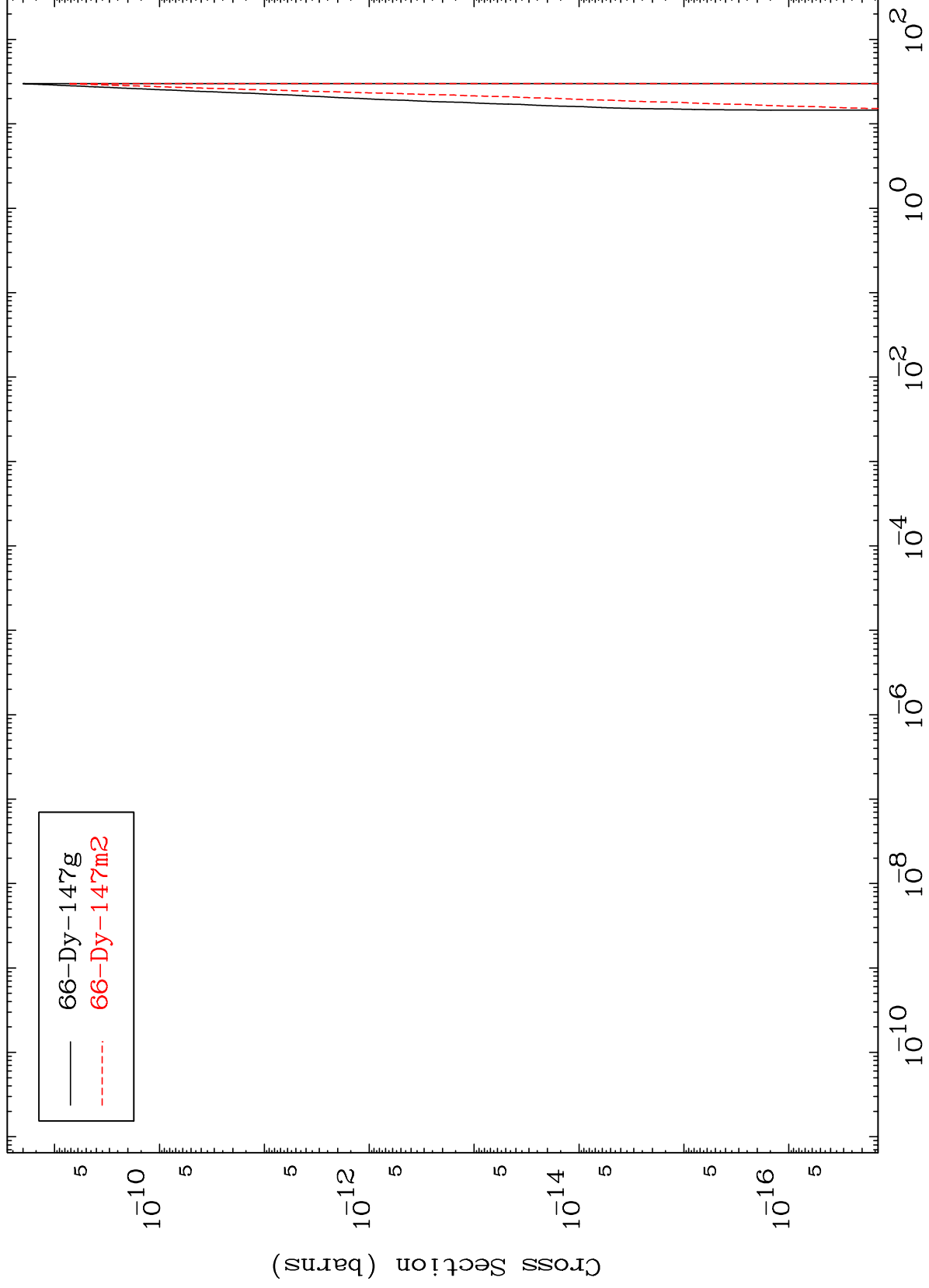


MAT 7071

(n,t) 2 α

71-Lu-157

Radionuclide Production Cross Section



153

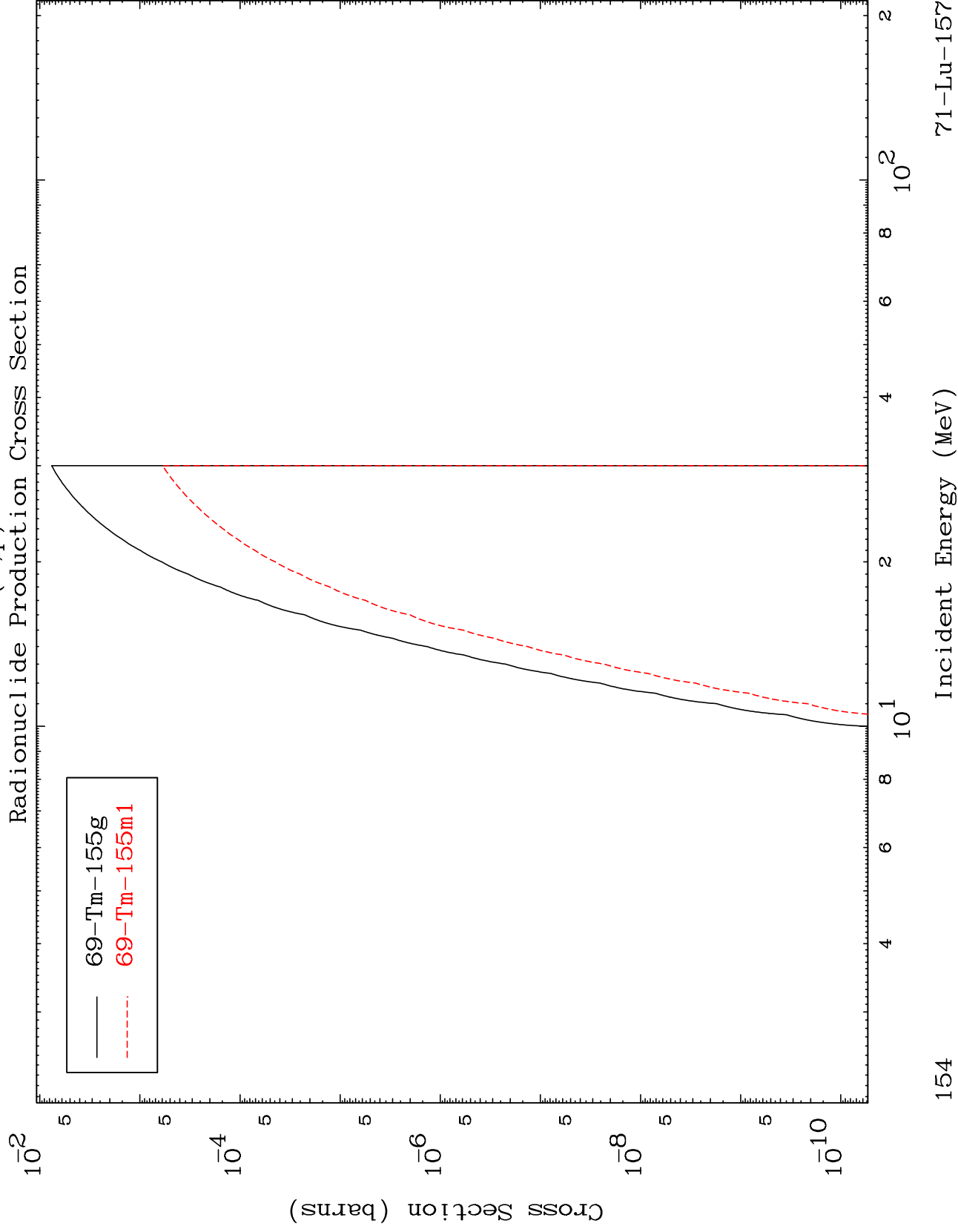
Incident Energy (MeV)

71-Lu-157

MAT 7071

(n,p) d

71-Lu-157

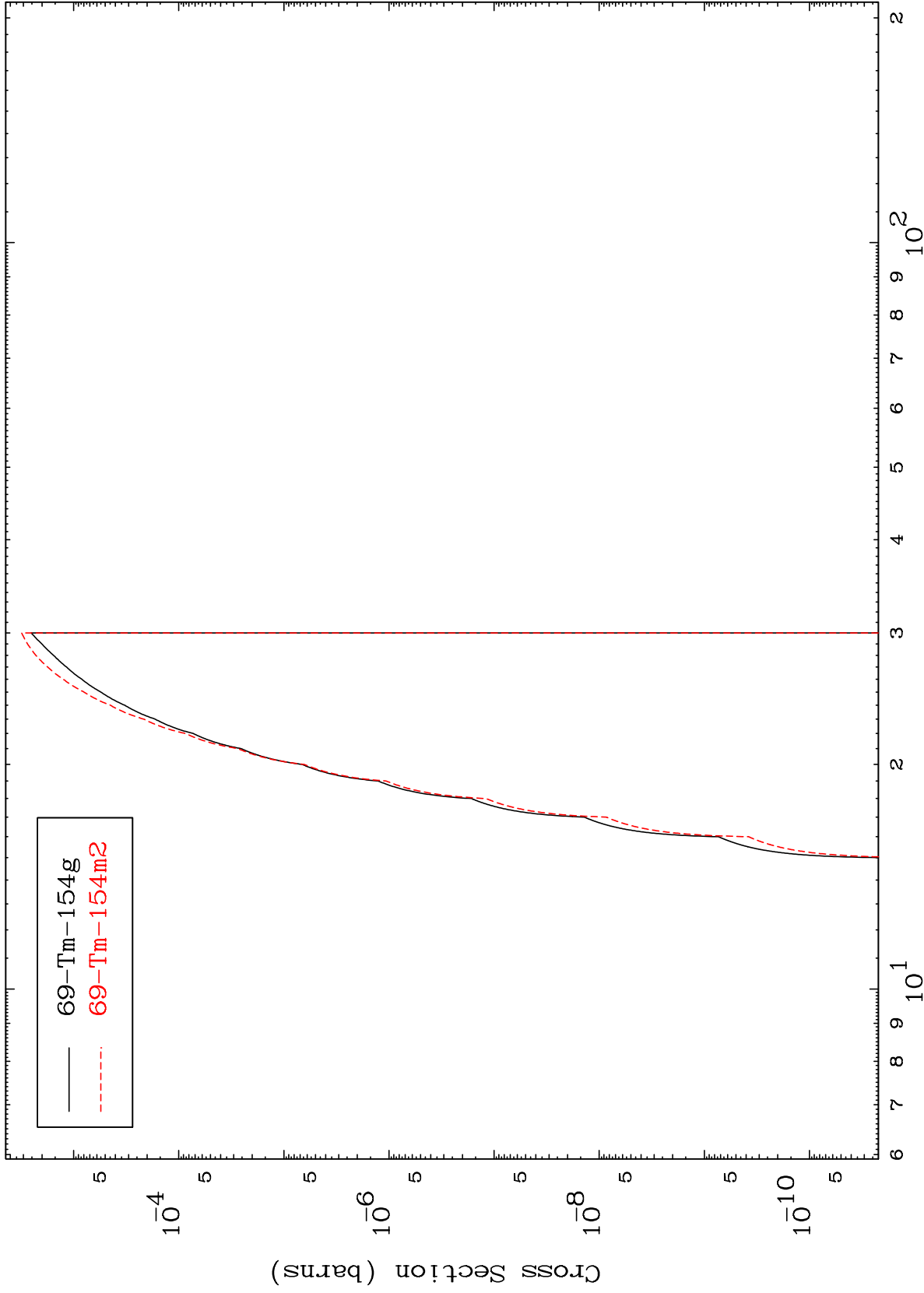


MAT 7071

(n,p) t

71-Lu-157

Radionuclide Production Cross Section



155

Incident Energy (MeV)

71-Lu-157