

Program EVALPLOT
(Version 2021-1)

by

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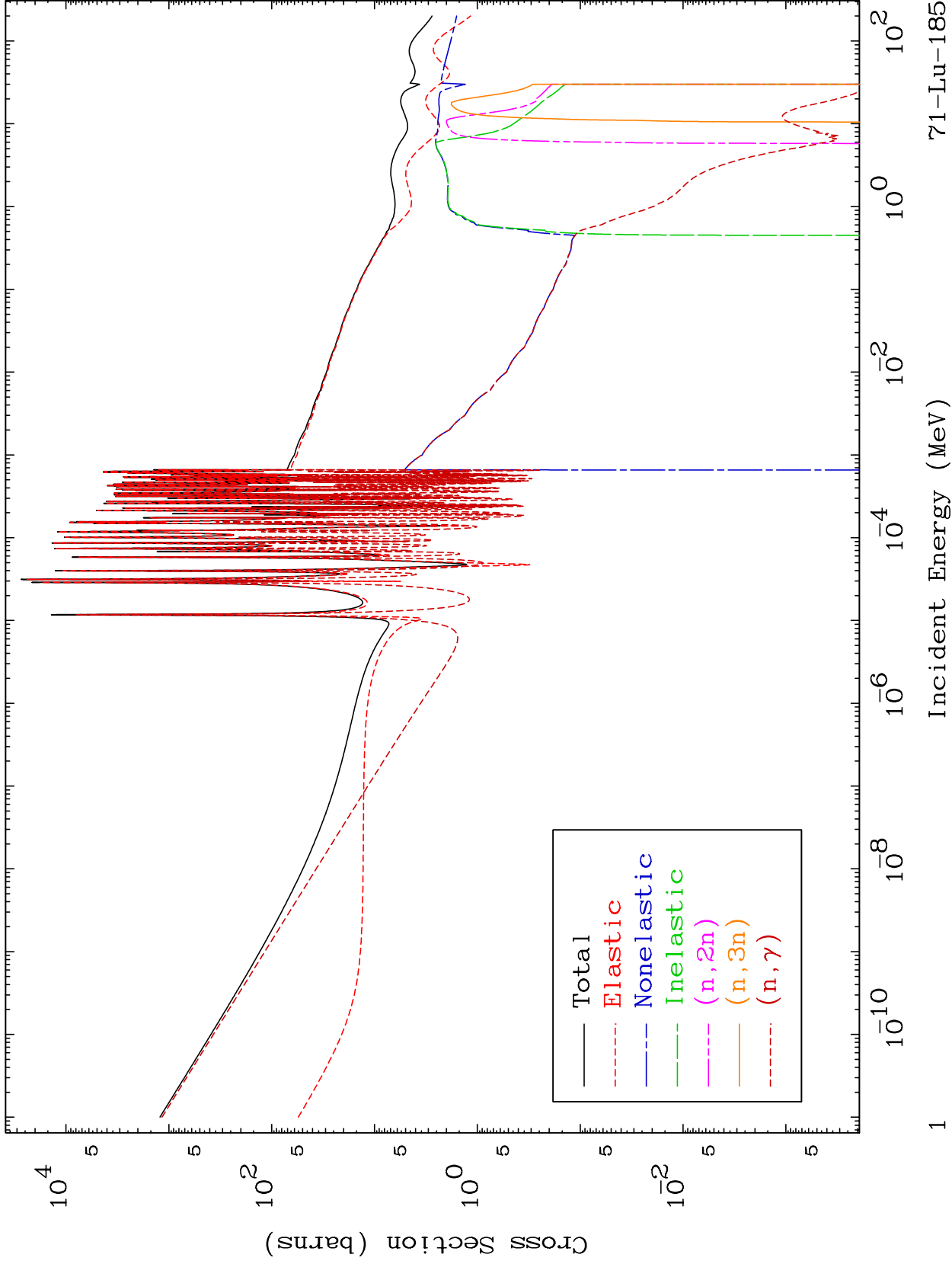
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Press Mouse Button to Start

MAT 7155

Neutron Major
293 Kelvin Cross Sections

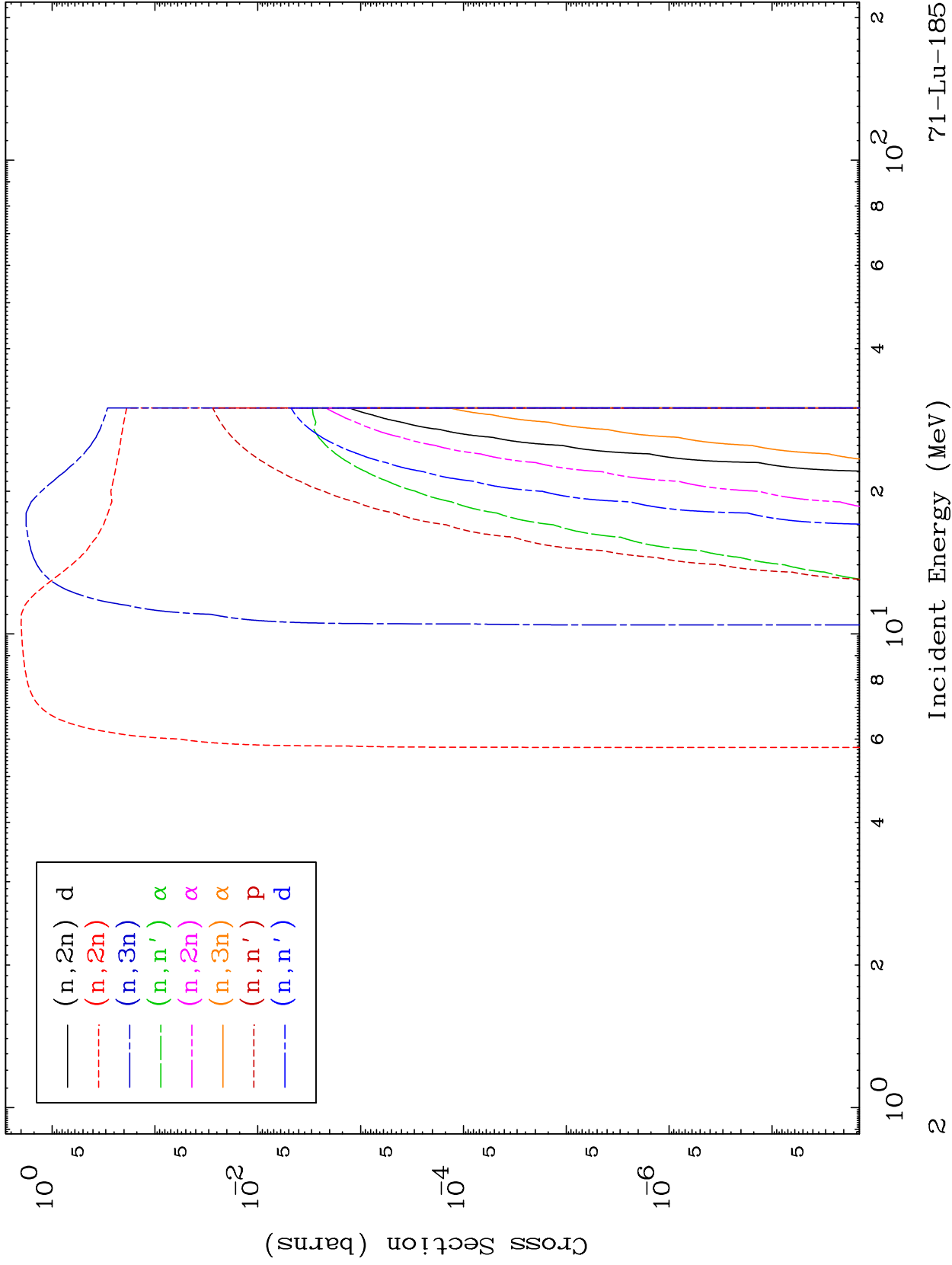
71-Lu-185



MAT 7155

Neutron Absorption
293 Kelvin Cross Sections

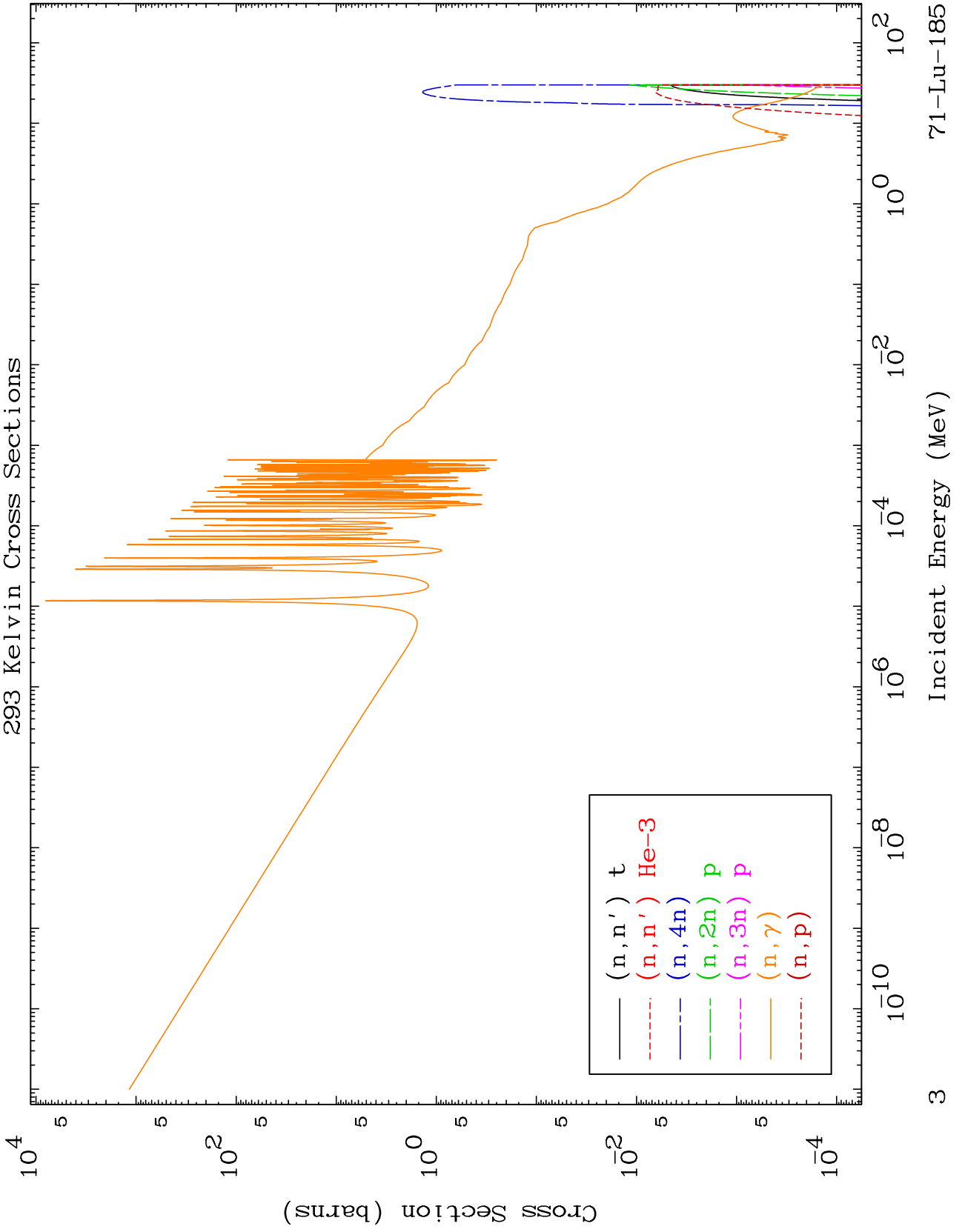
71-Lu-185



MAT 7155

Neutron Absorption
293 Kelvin Cross Sections

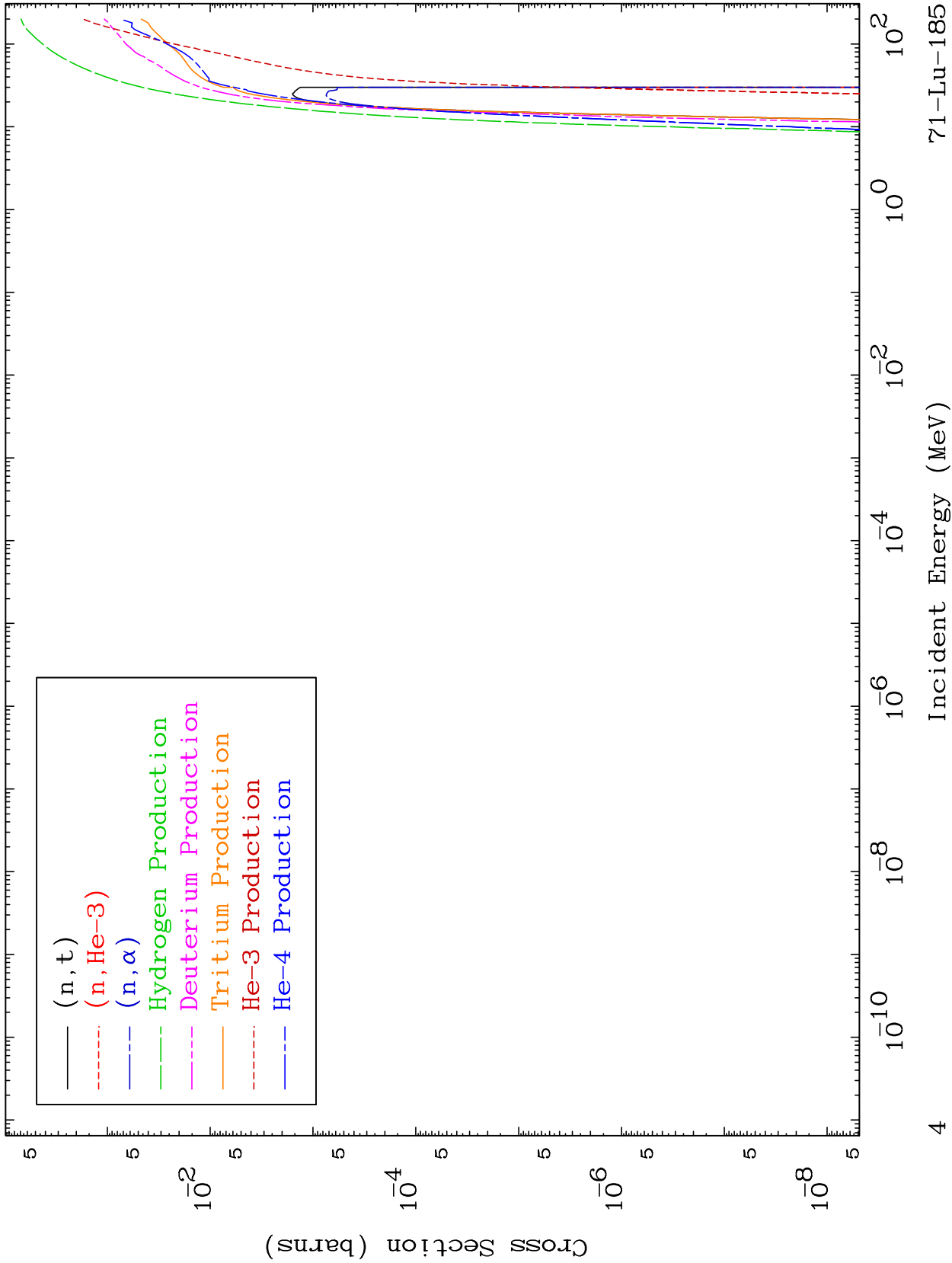
71-Lu-185



MAT 7155

Neutron Absorption
293 Kelvin Cross Sections

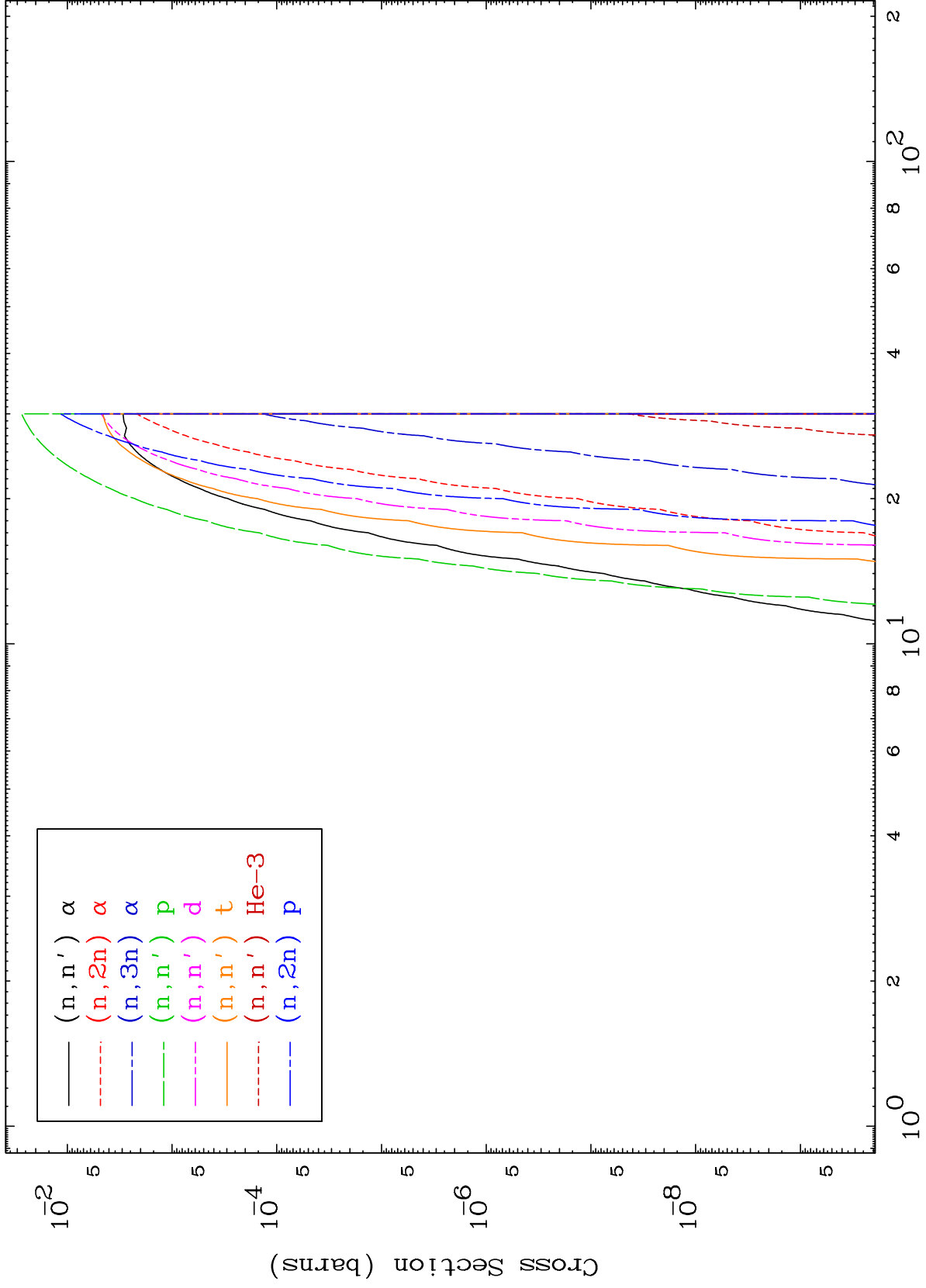
71-Lu-185



MAT 7155

Charged Particle
293 Kelvin Cross Sections

71-Lu-185



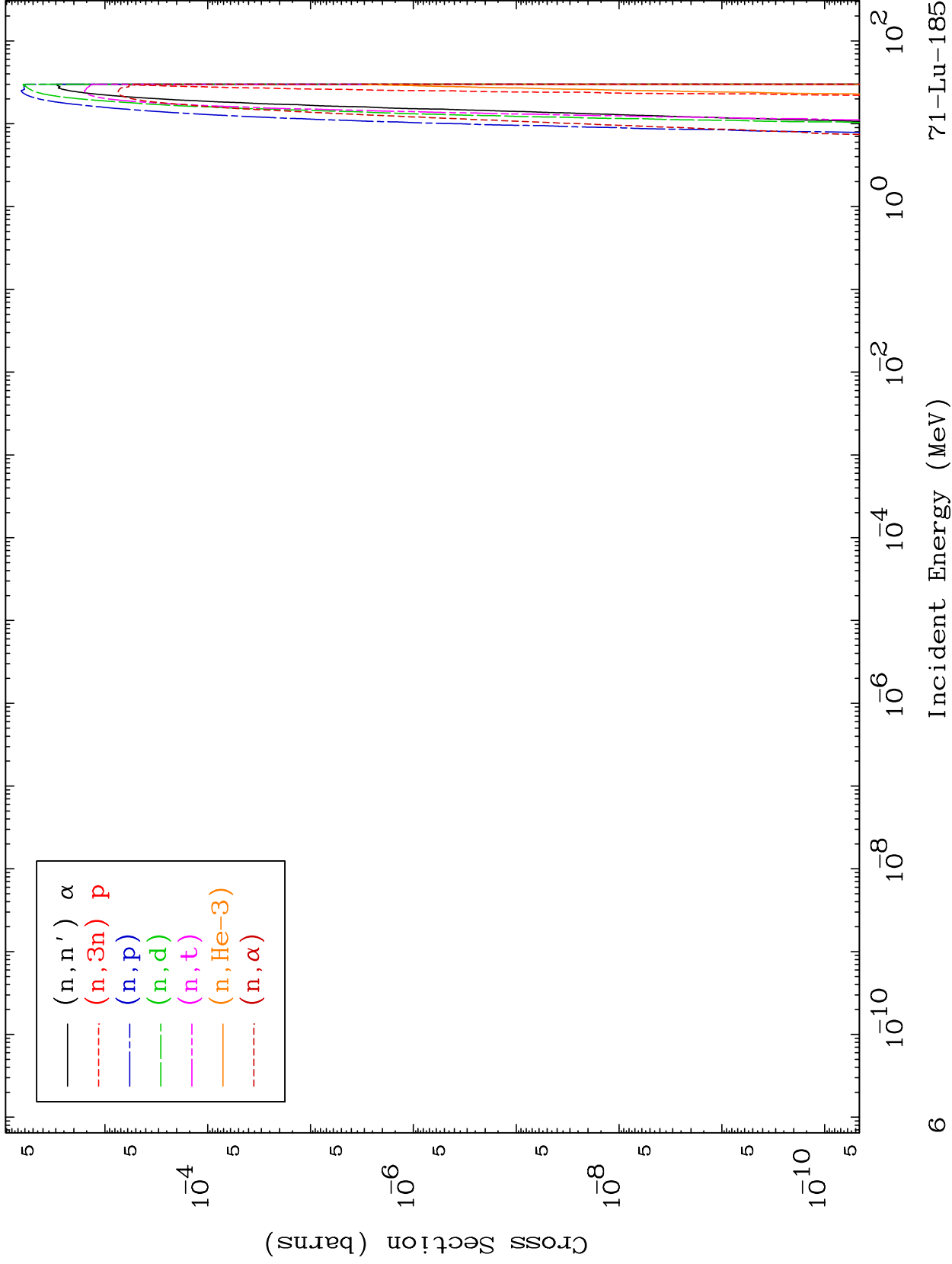
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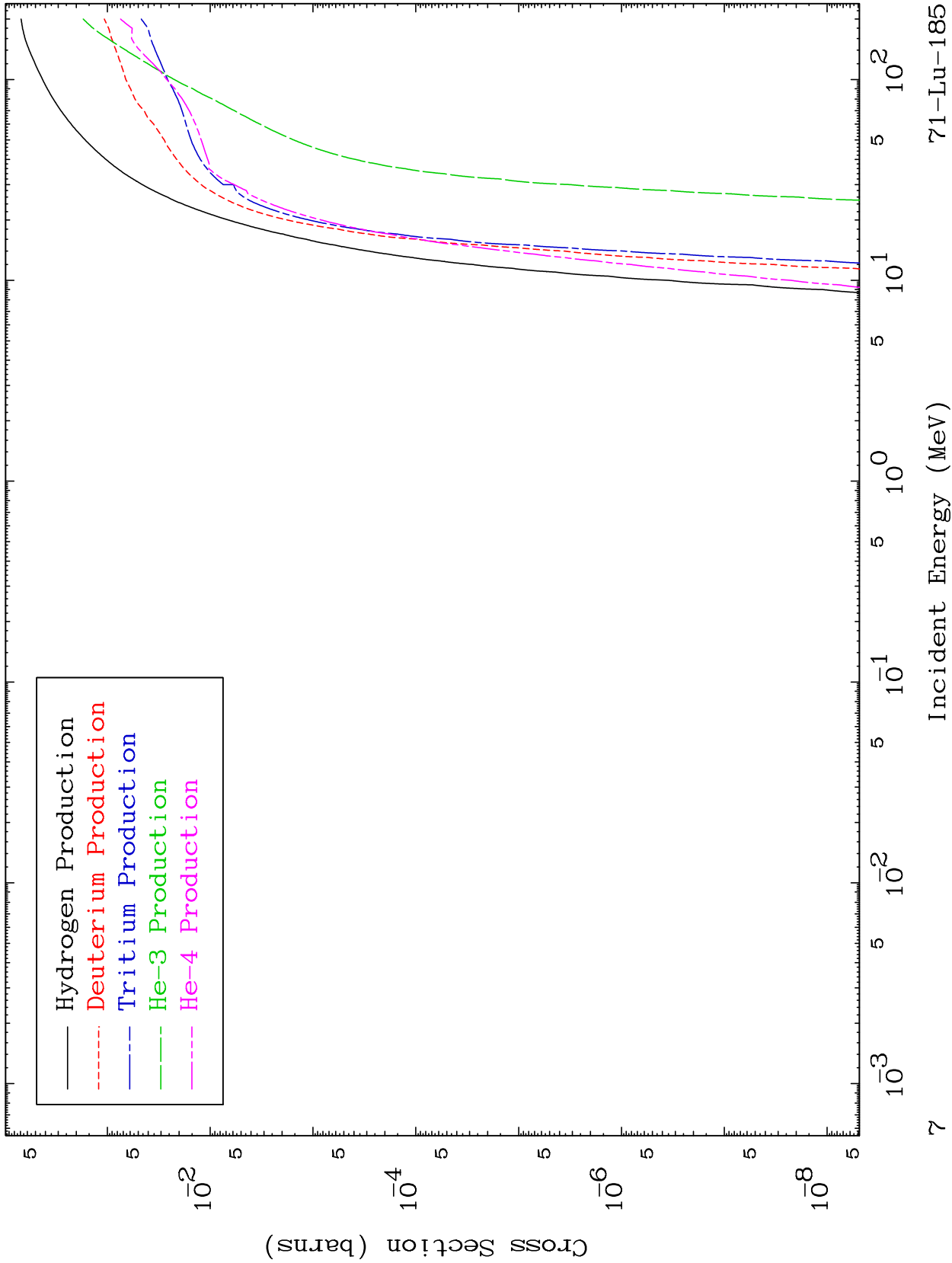
71-Lu-185

MAT 7155

Charged Particle
293 Kelvin Cross Sections

71-Lu-185



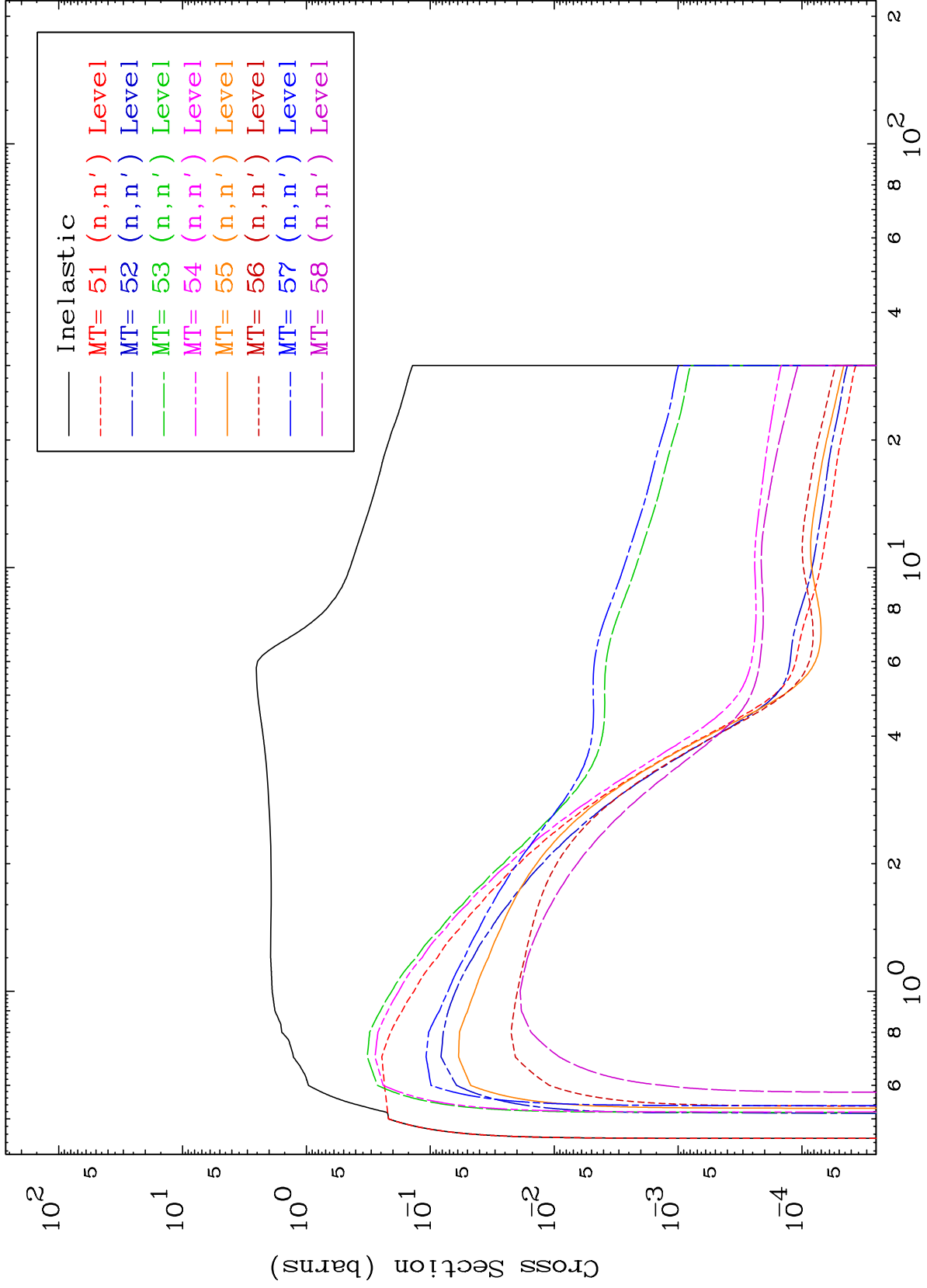


MAT 7155

(n,n') Levels

71-Lu-185

293 Kelvin Cross Sections



8

Incident Energy (MeV)

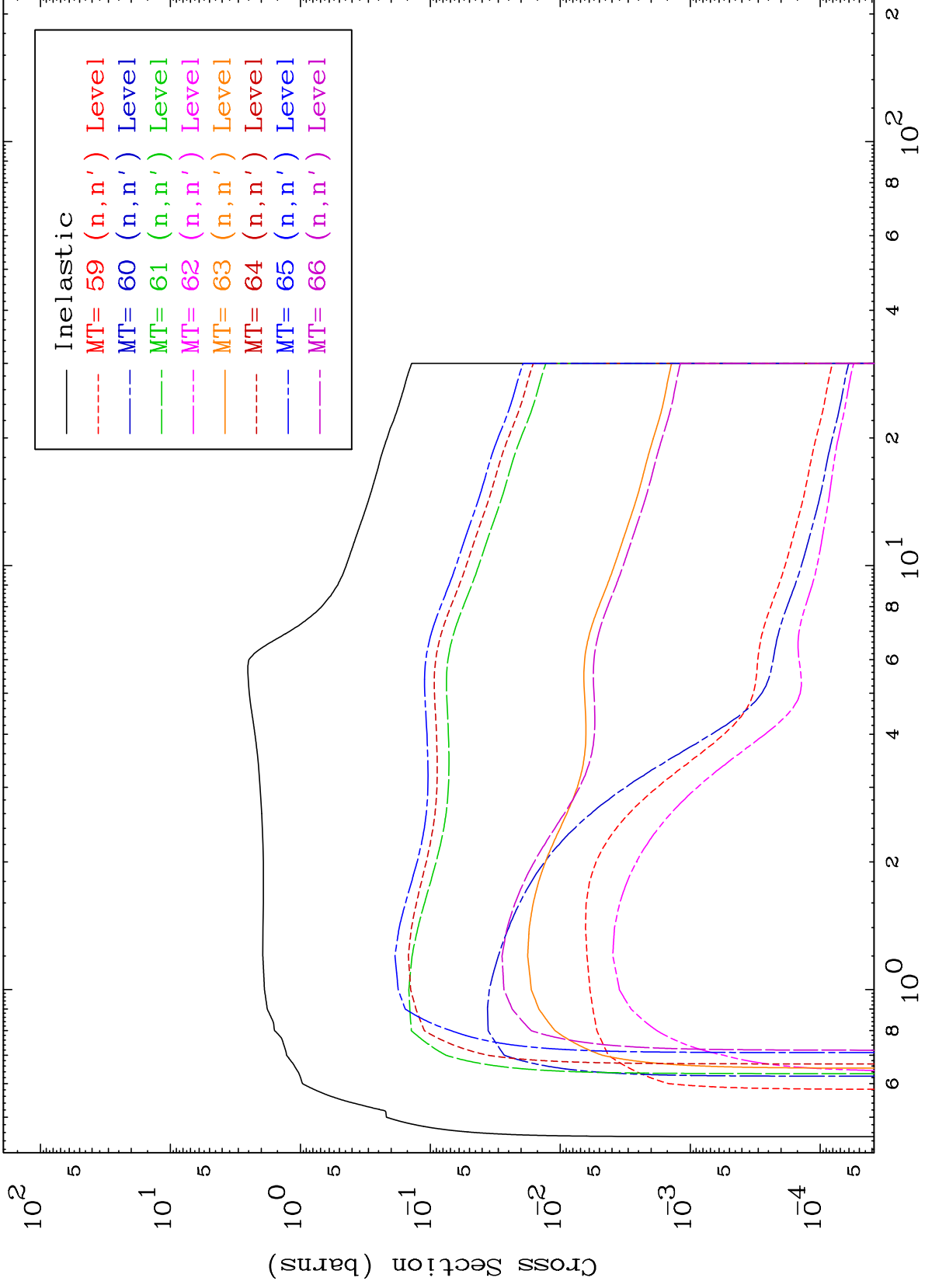
71-Lu-185

MAT 7155

(n,n') Levels

71-Lu-185

293 Kelvin Cross Sections

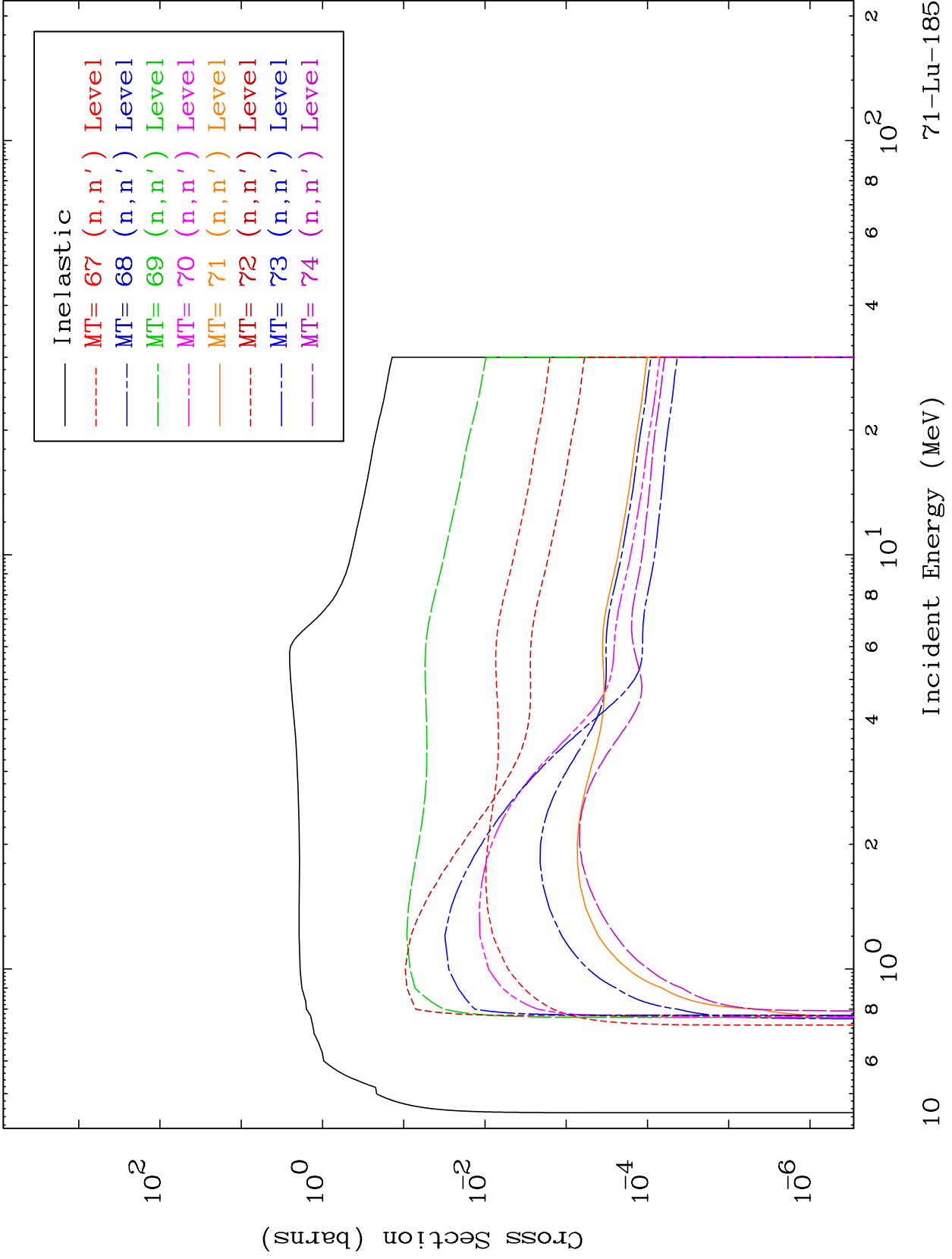


MAT 7155

(n,n') Levels

71-Lu-185

293 Kelvin Cross Sections

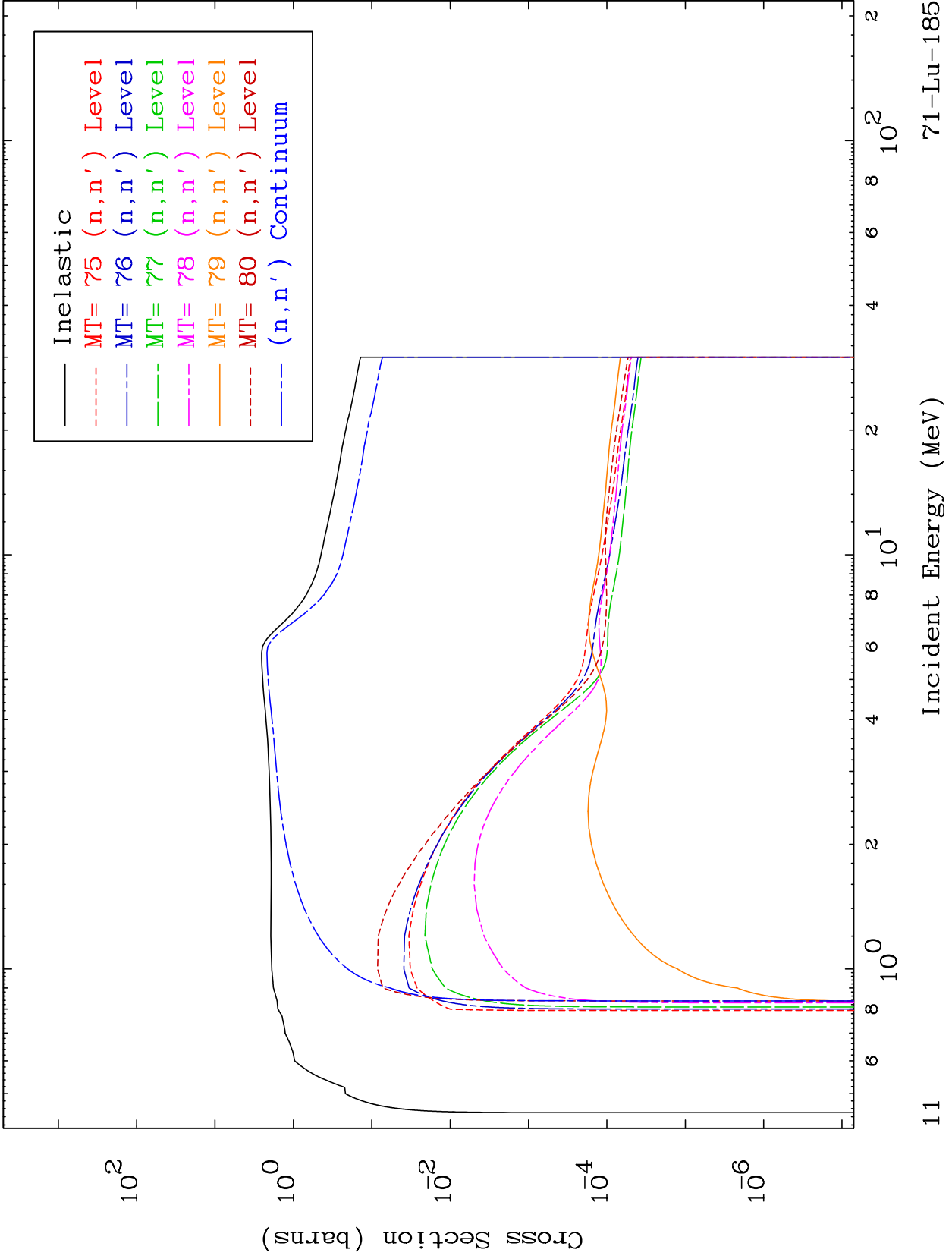


MAT 7155

(n,n') Levels

71-Lu-185

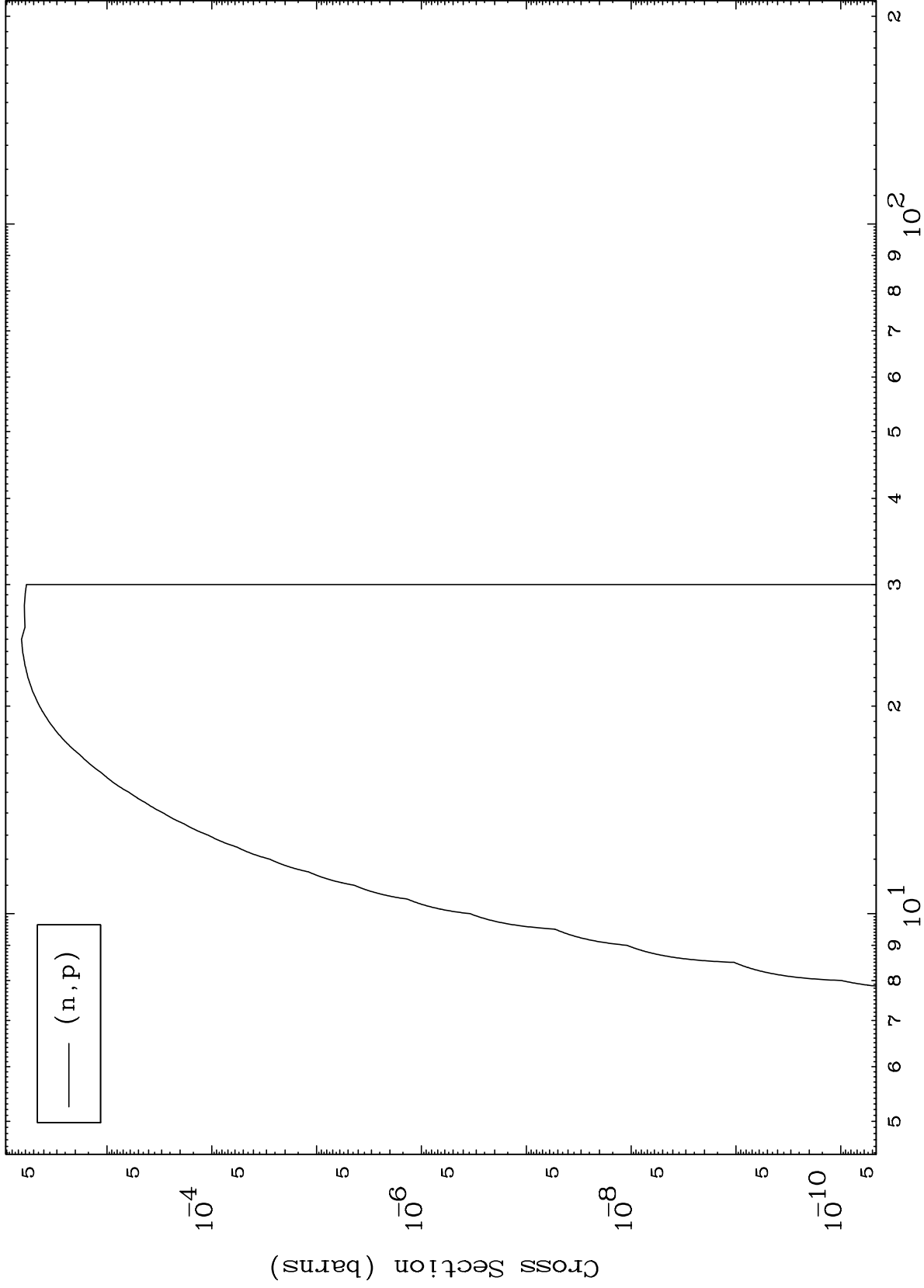
293 Kelvin Cross Sections



MAT 7155

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-185



12

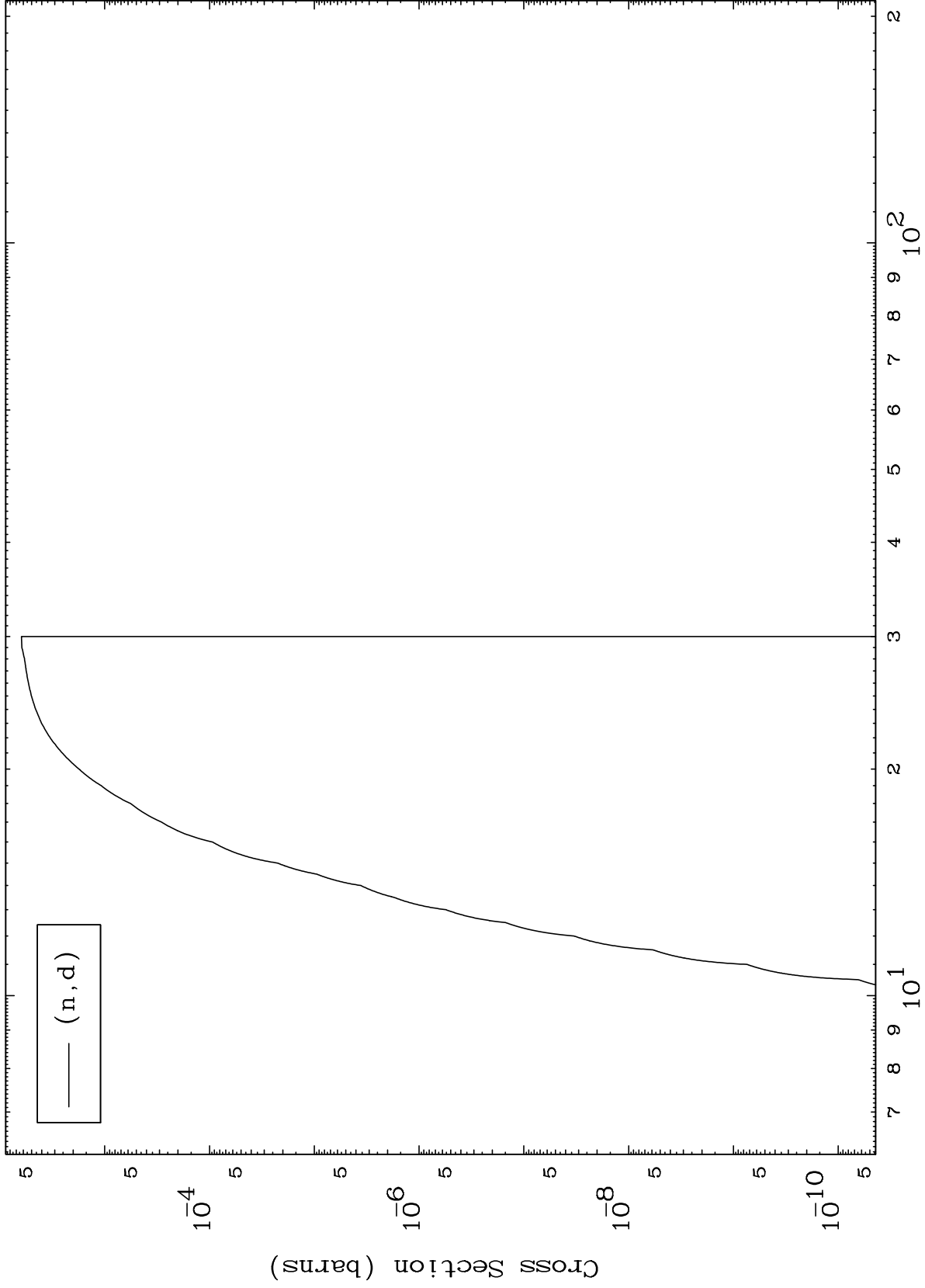
Incident Energy (MeV)

71-Lu-185

MAT 7155

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-185



13

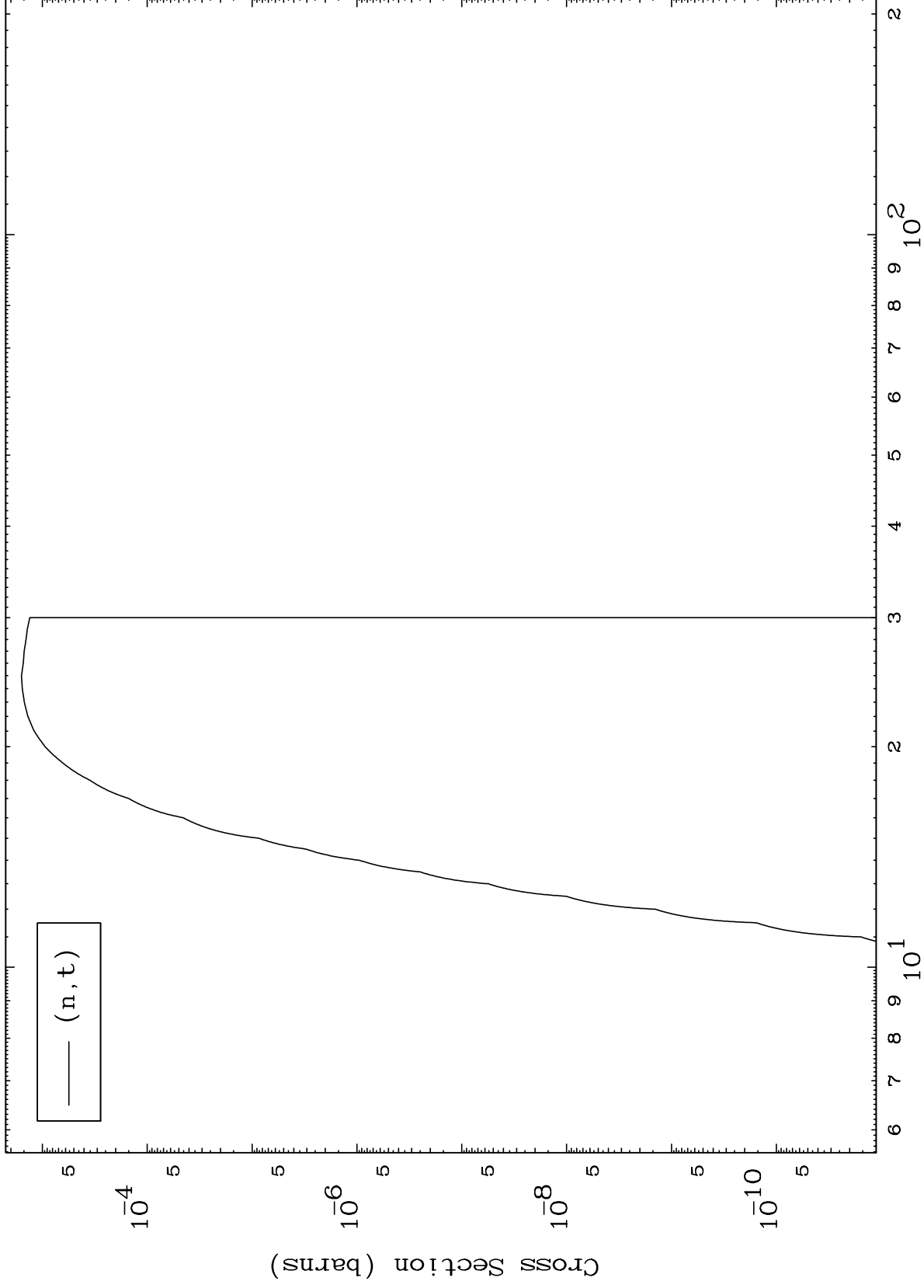
Incident Energy (MeV)

71-Lu-185

MAT 7155

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-185



14

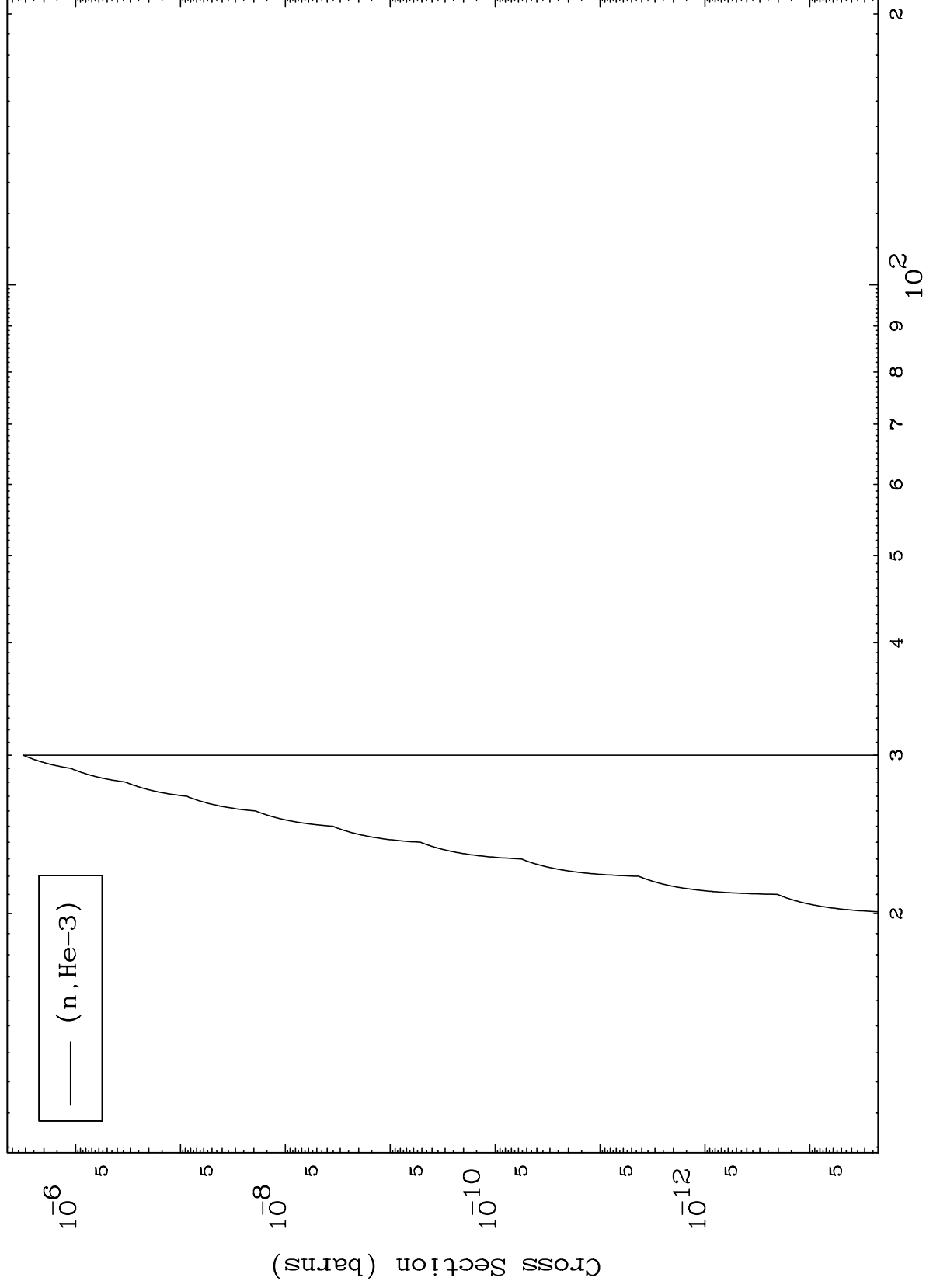
Incident Energy (MeV)

71-Lu-185

MAT 7155

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-185



15

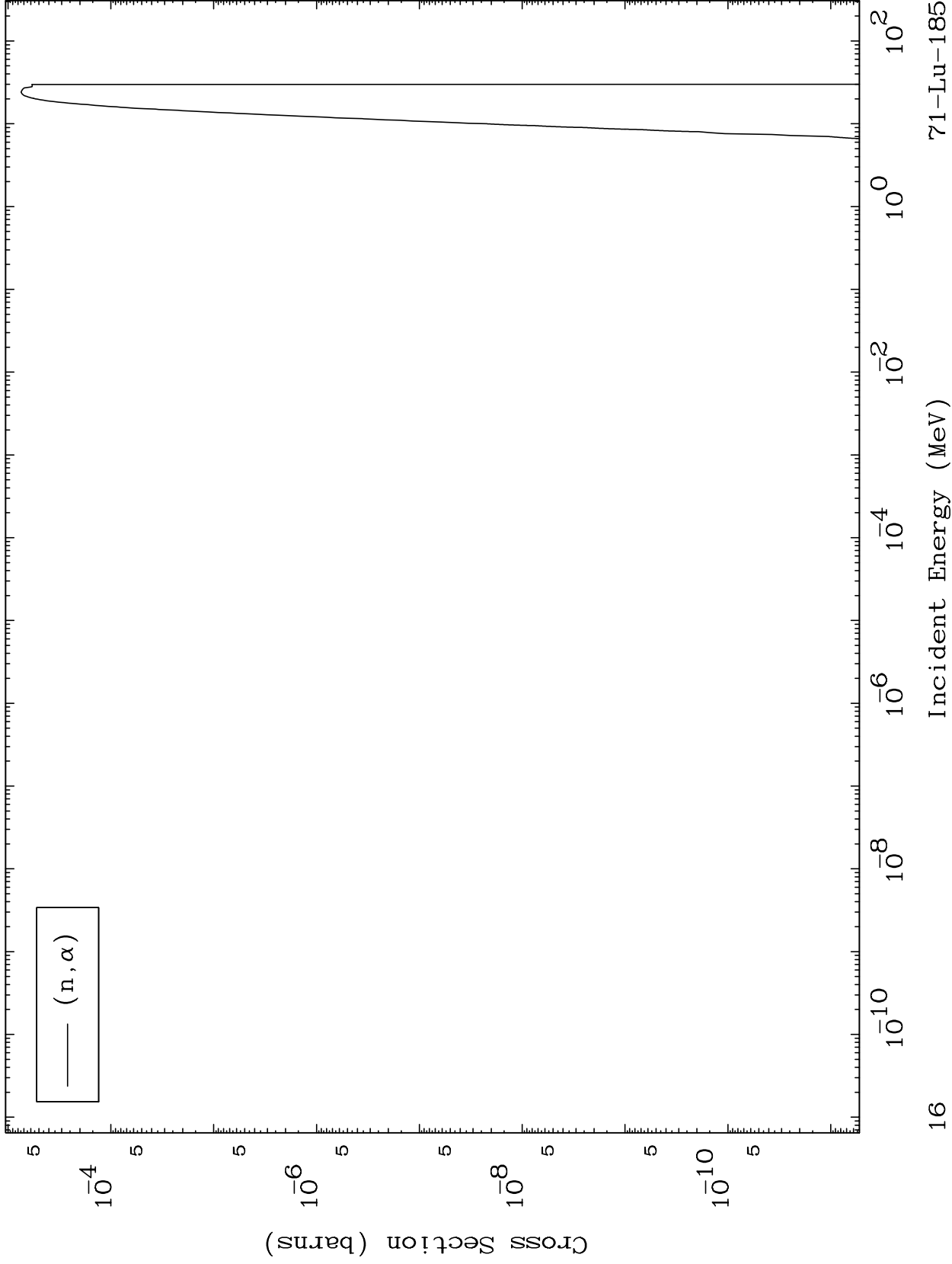
Incident Energy (MeV)

71-Lu-185

MAT 7155

(n, α) Levels
293 Kelvin Cross Sections

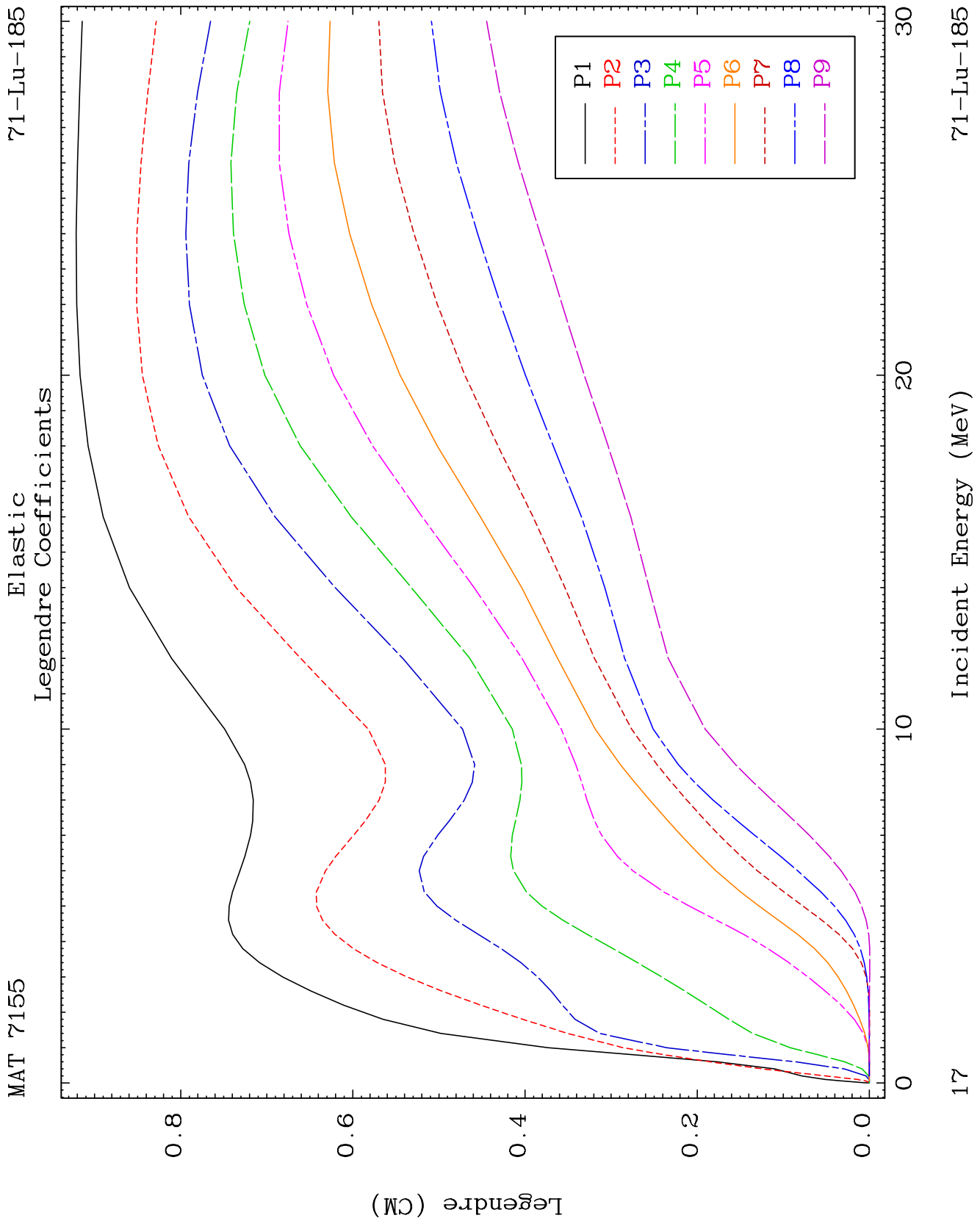
71-Lu-185



16

Incident Energy (MeV)

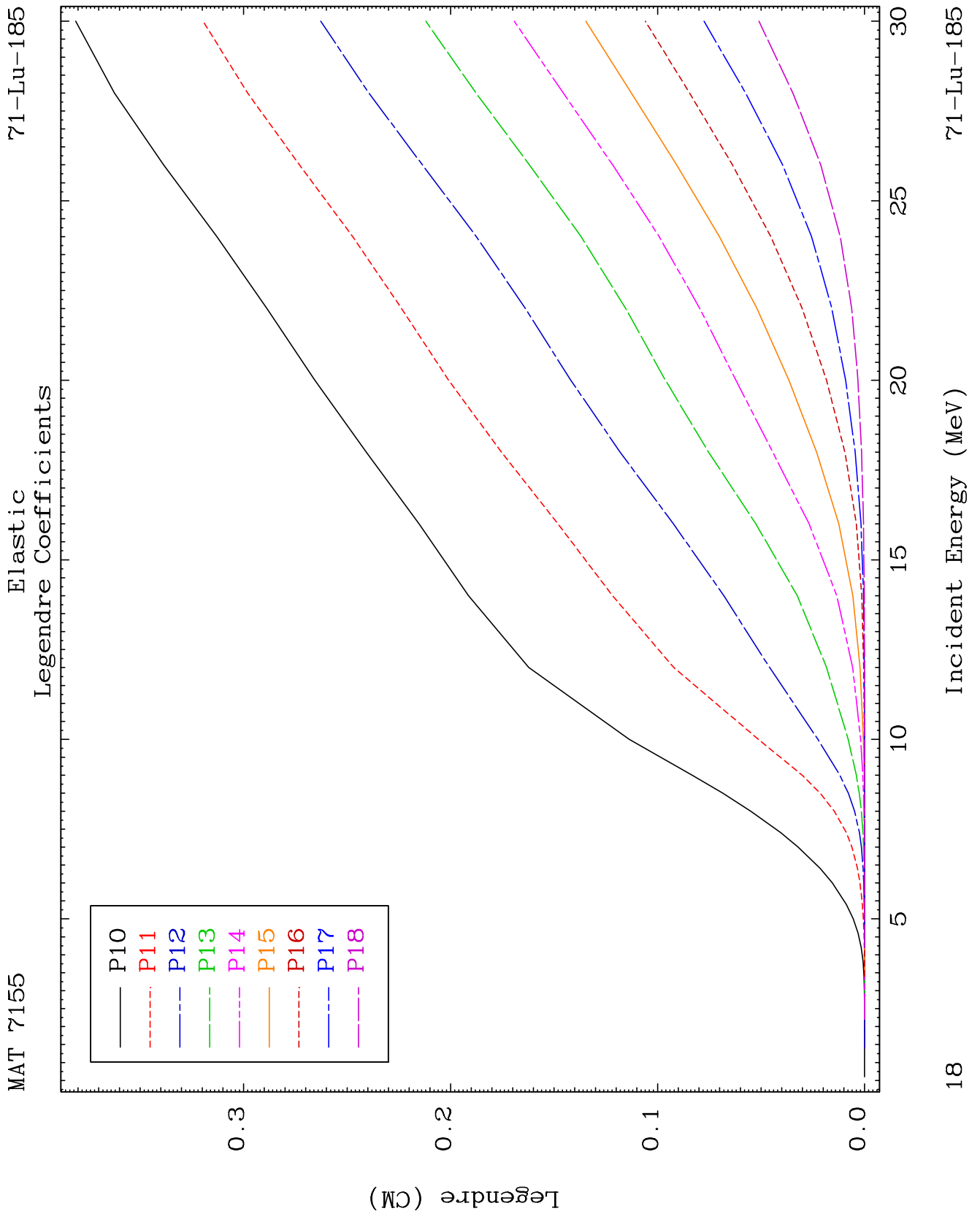
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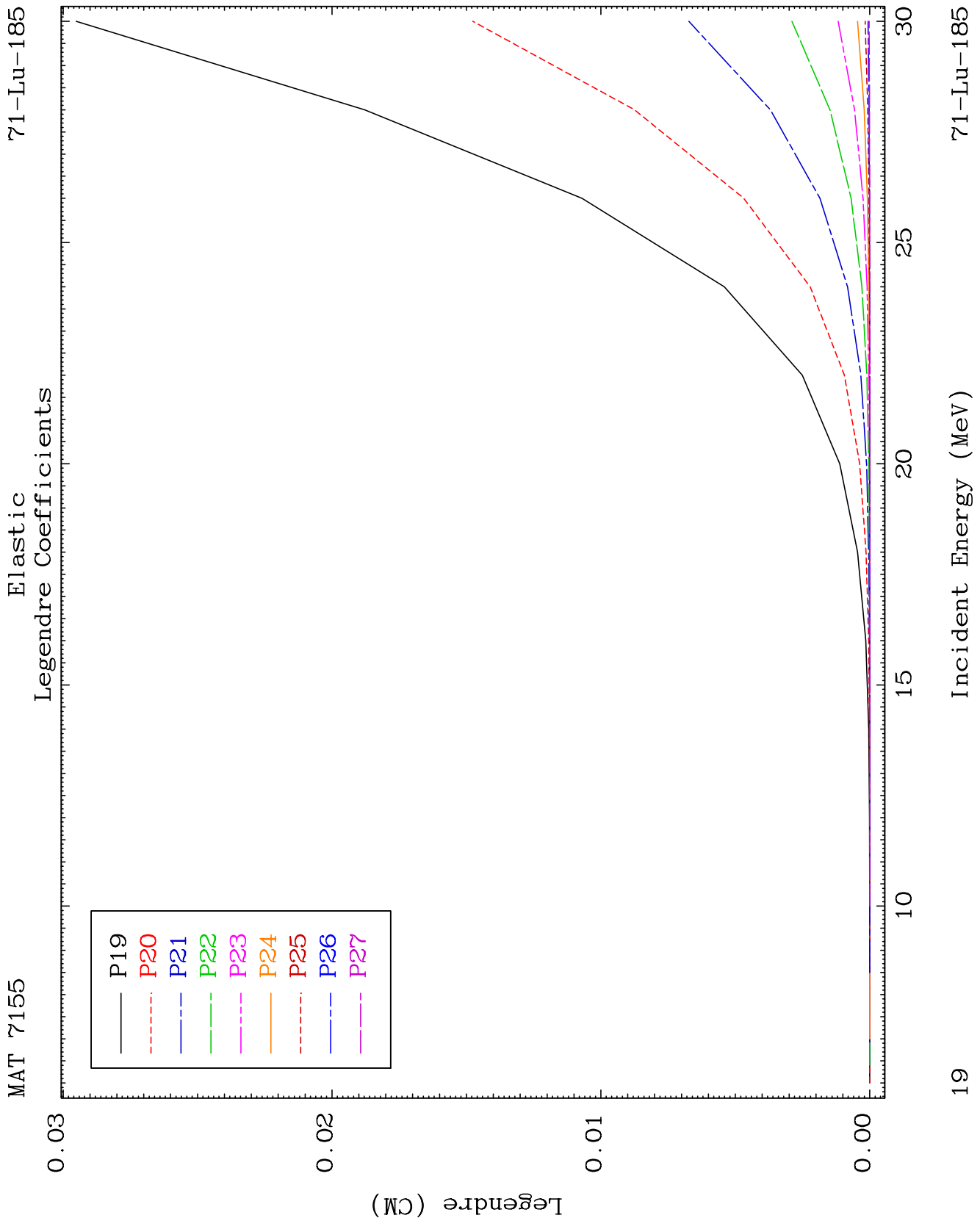


71-Lu-185

Incident Energy (MeV)

17





MAT 7155

Elastic Legendre Coefficients

71-Lu-185

- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

19

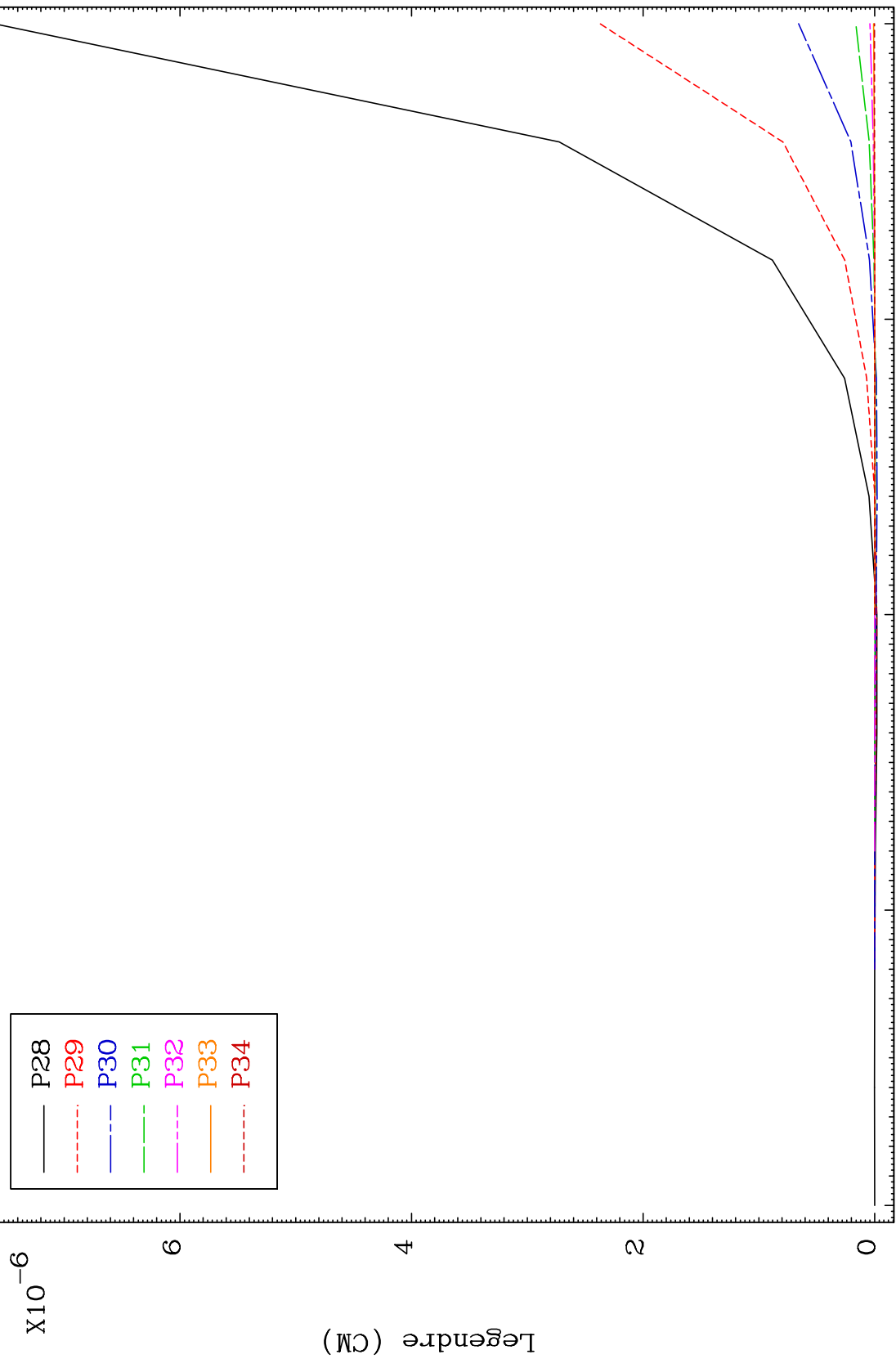
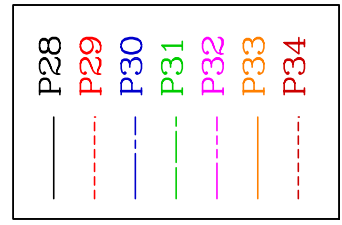
Incident Energy (MeV)

71-Lu-185

MAT 7155

Elastic Legendre Coefficients

71-Lu-185



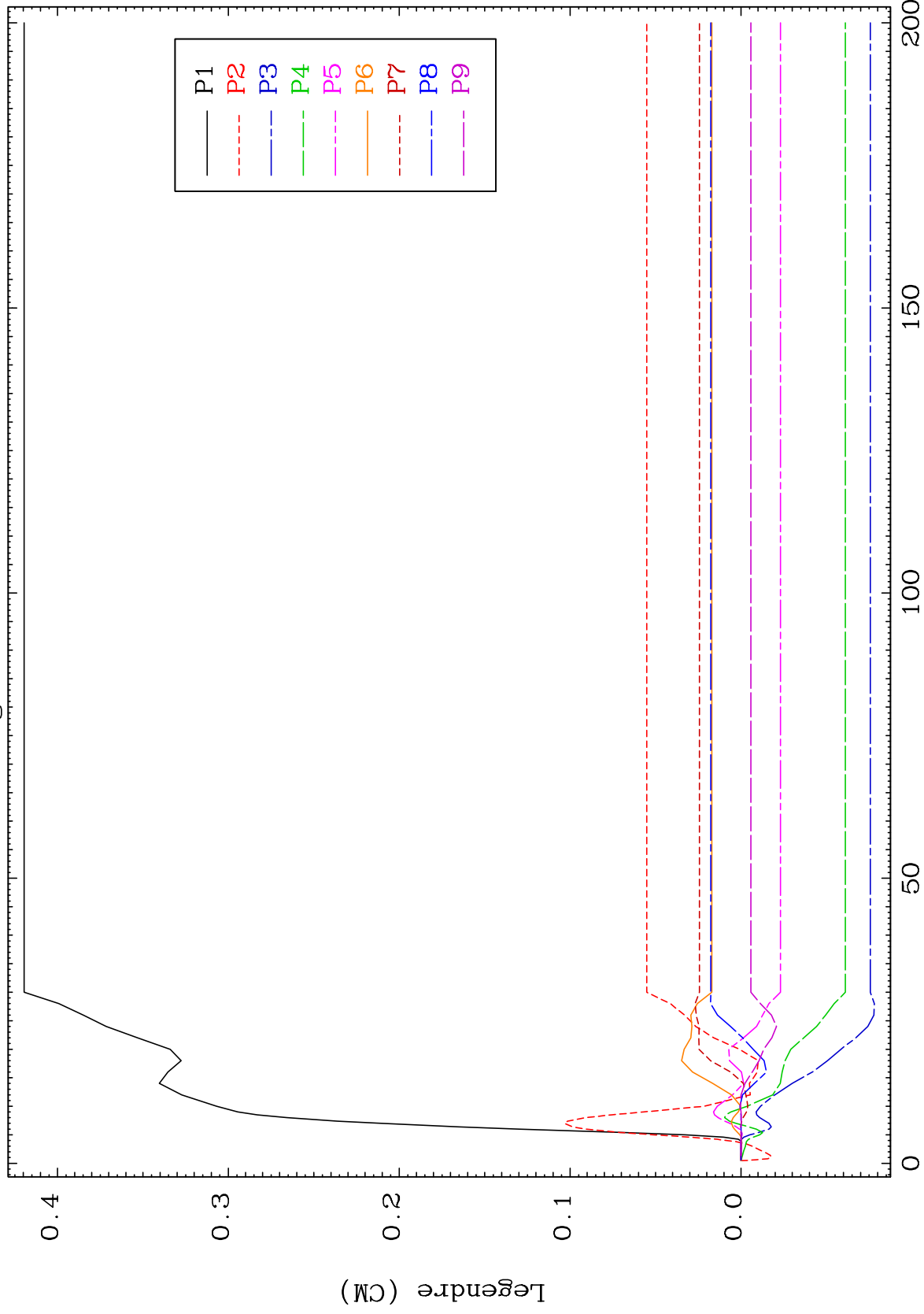
Incident Energy (MeV)

71-Lu-185

MAT 7155

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

71-Lu-185



21

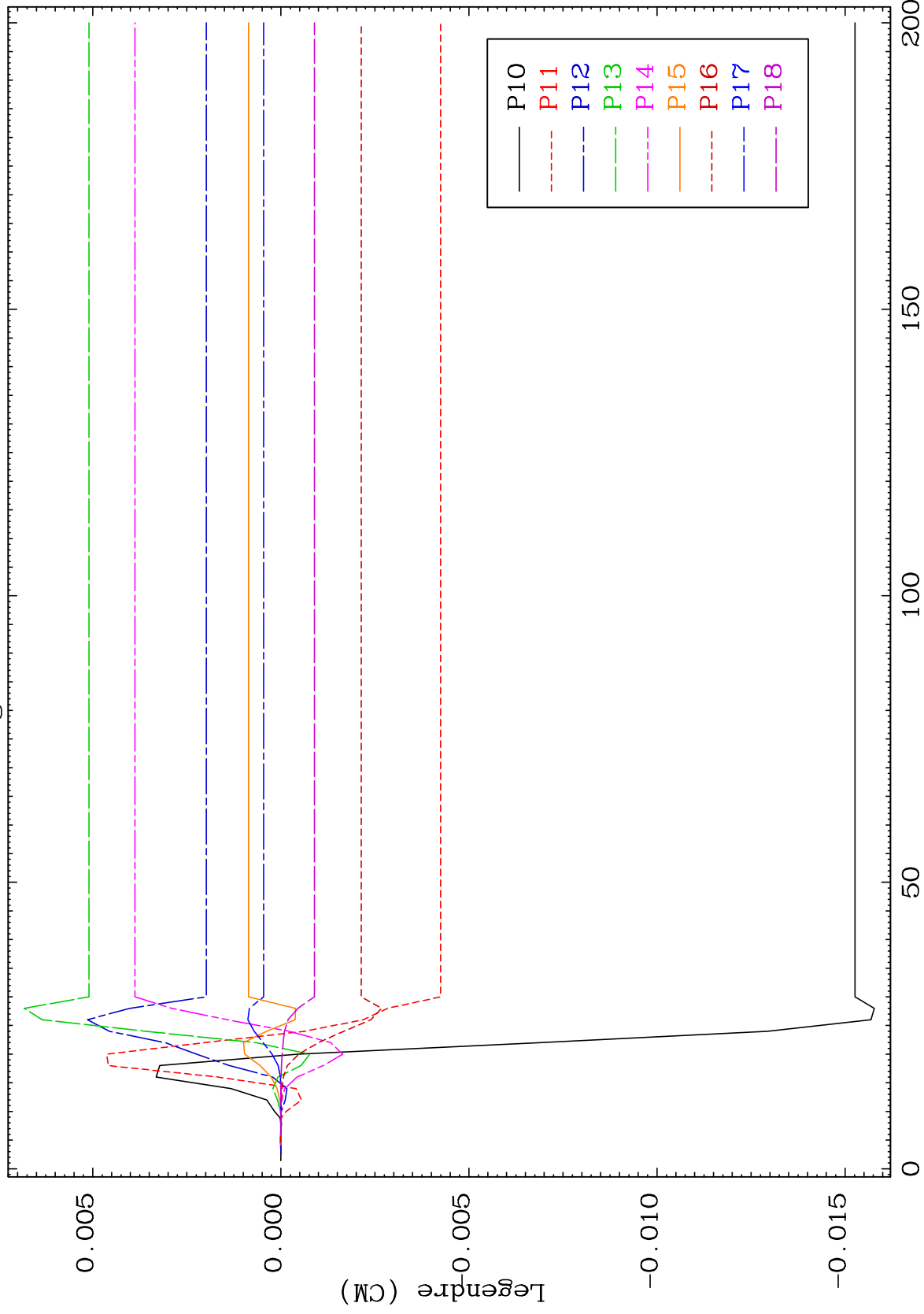
Incident Energy (MeV)

71-Lu-185

MAT 7155

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

71-Lu-185



22

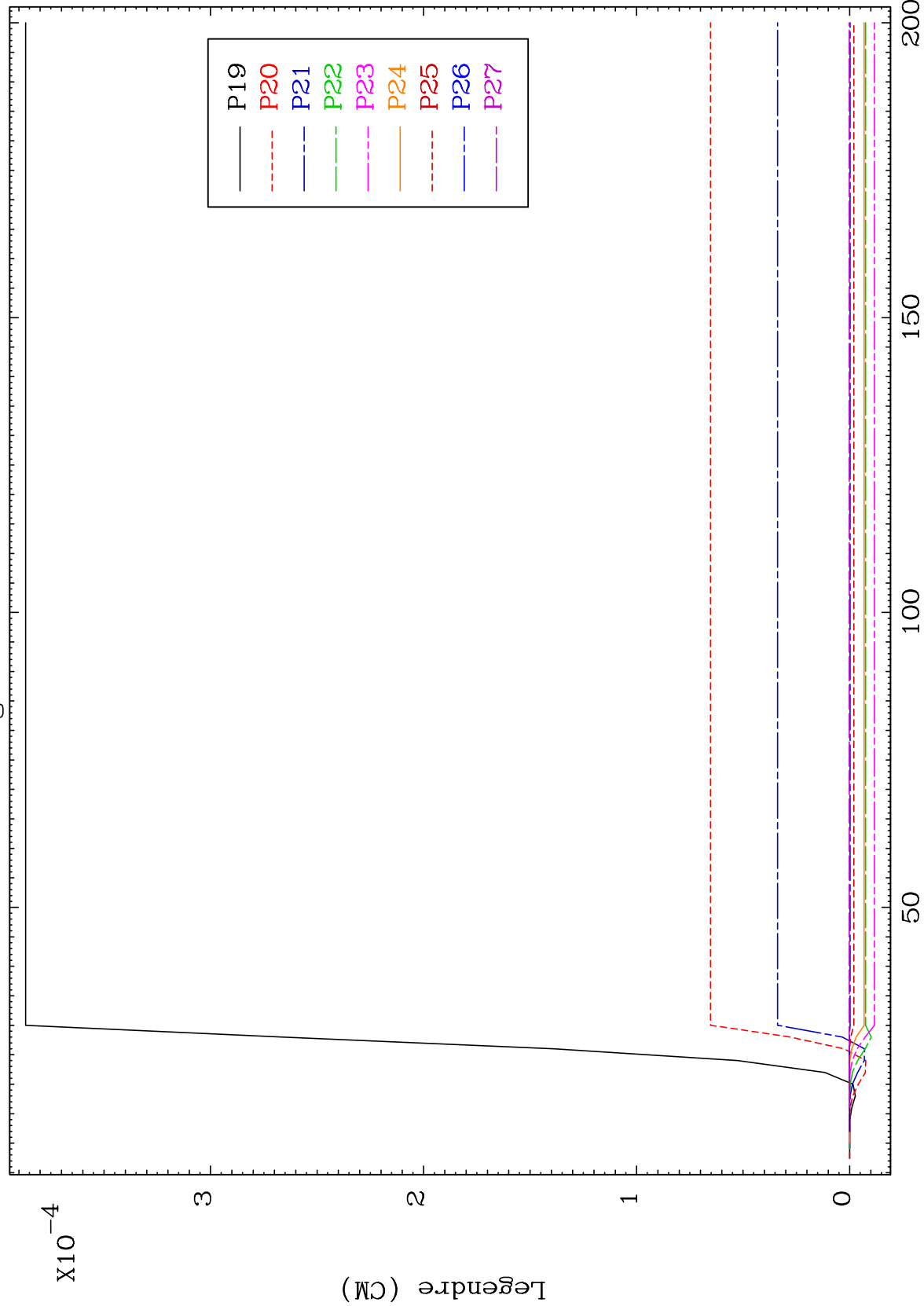
Incident Energy (MeV)

71-Lu-185

MAT 7155

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

71-Lu-185



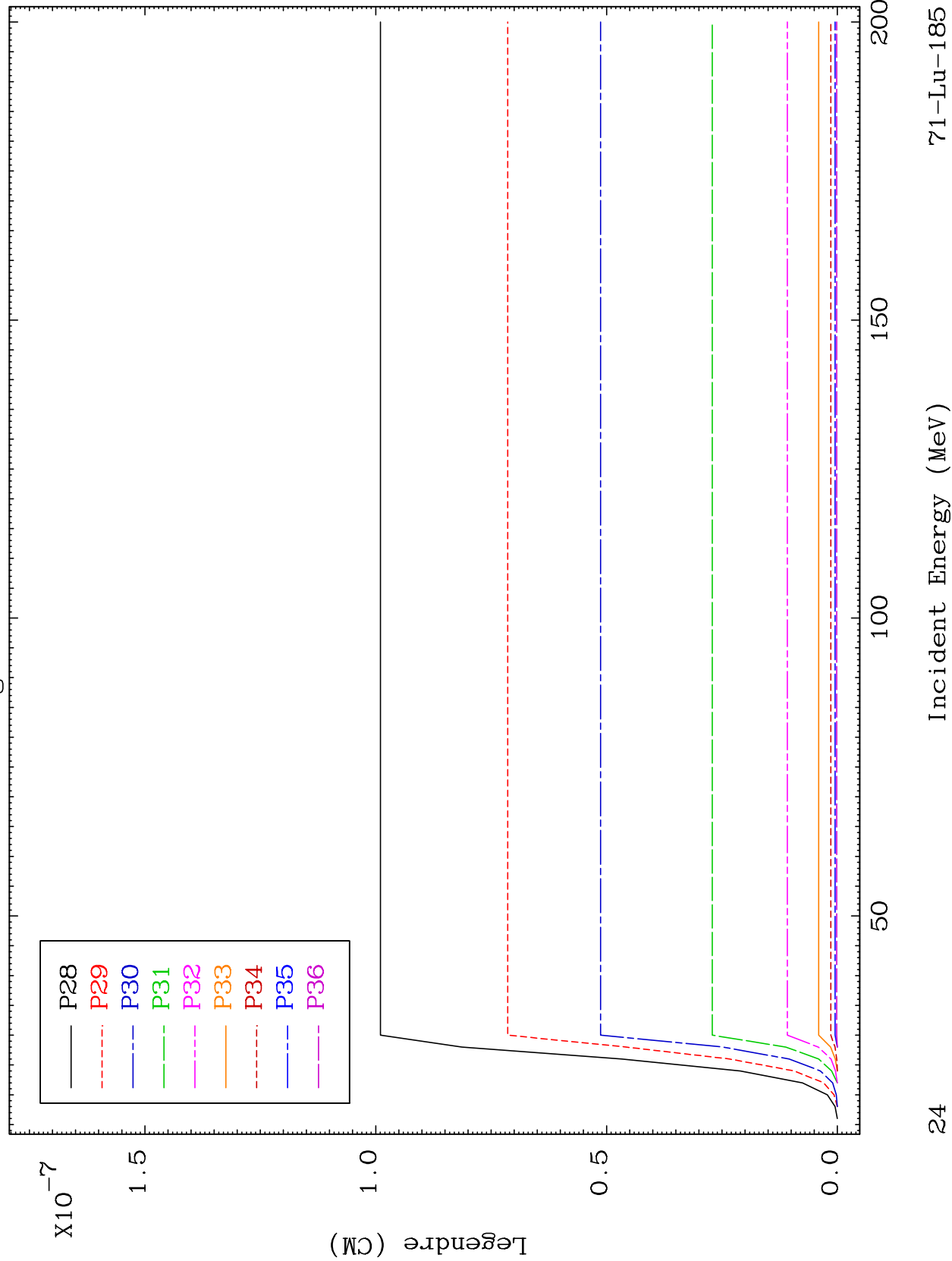
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71-Lu-185

MAT 7155

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

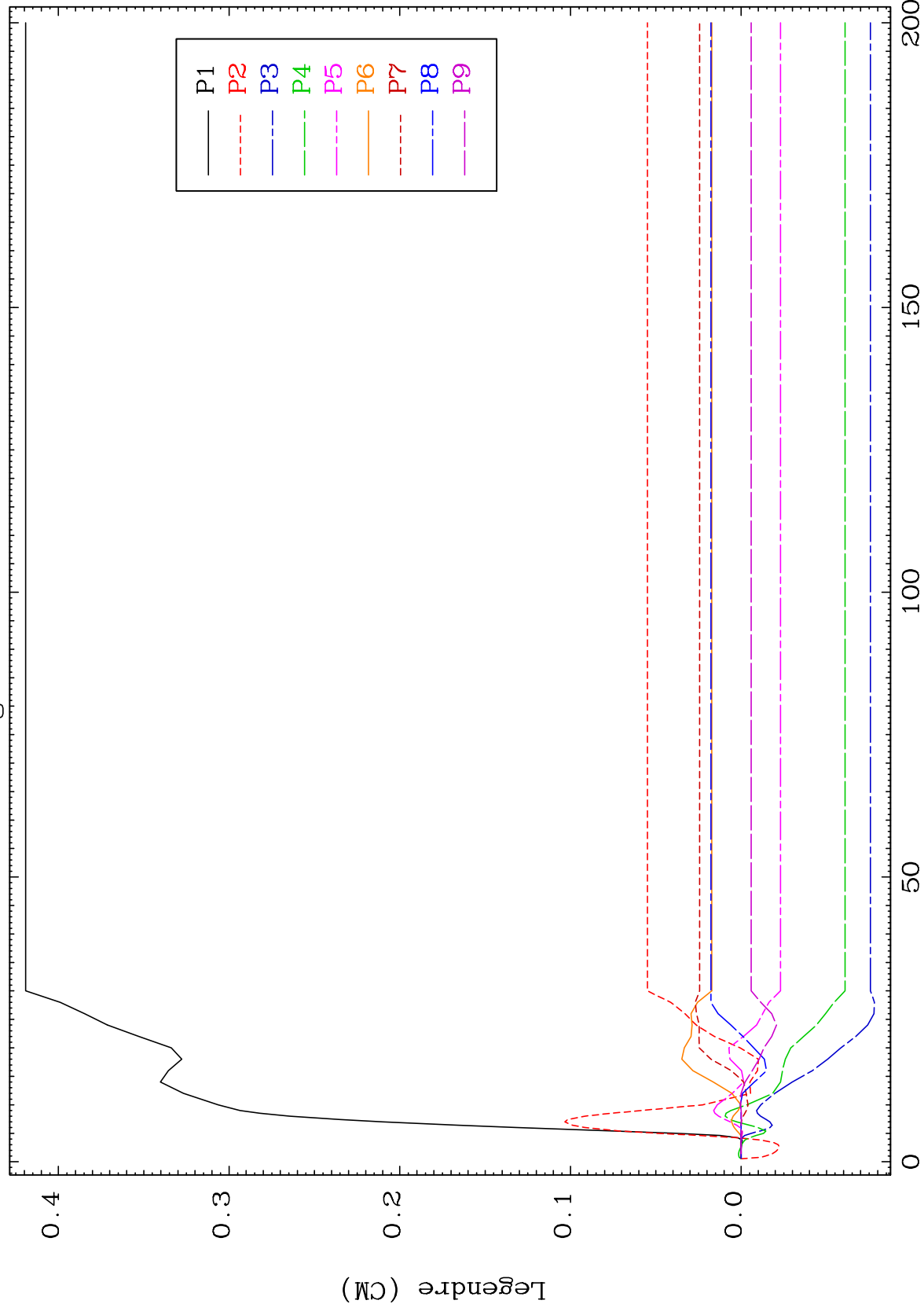
71-Lu-185



MAT 7155

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

71-Lu-185



71-Lu-185

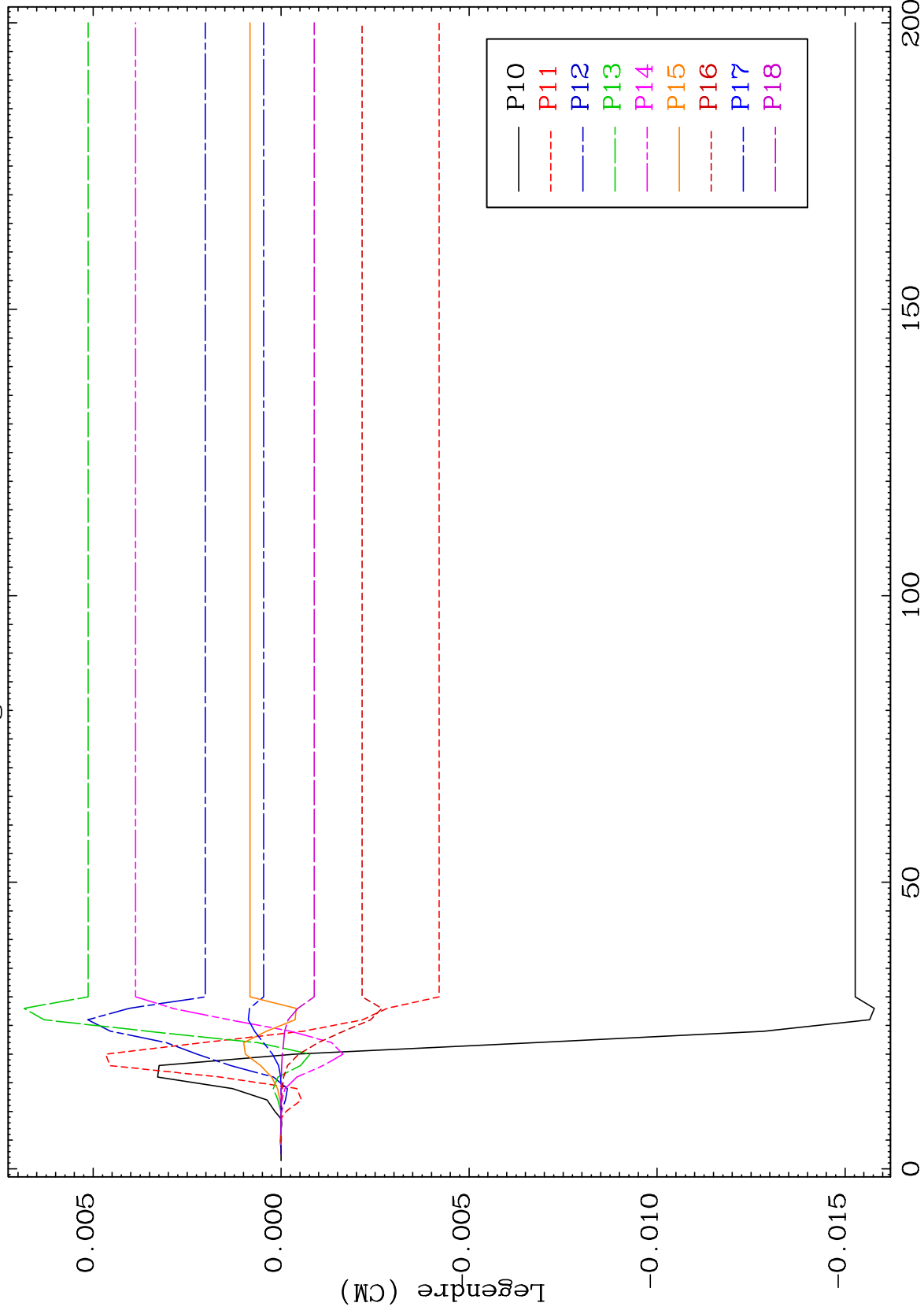
Incident Energy (MeV)

25

MAT 7155

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

71-Lu-185



26

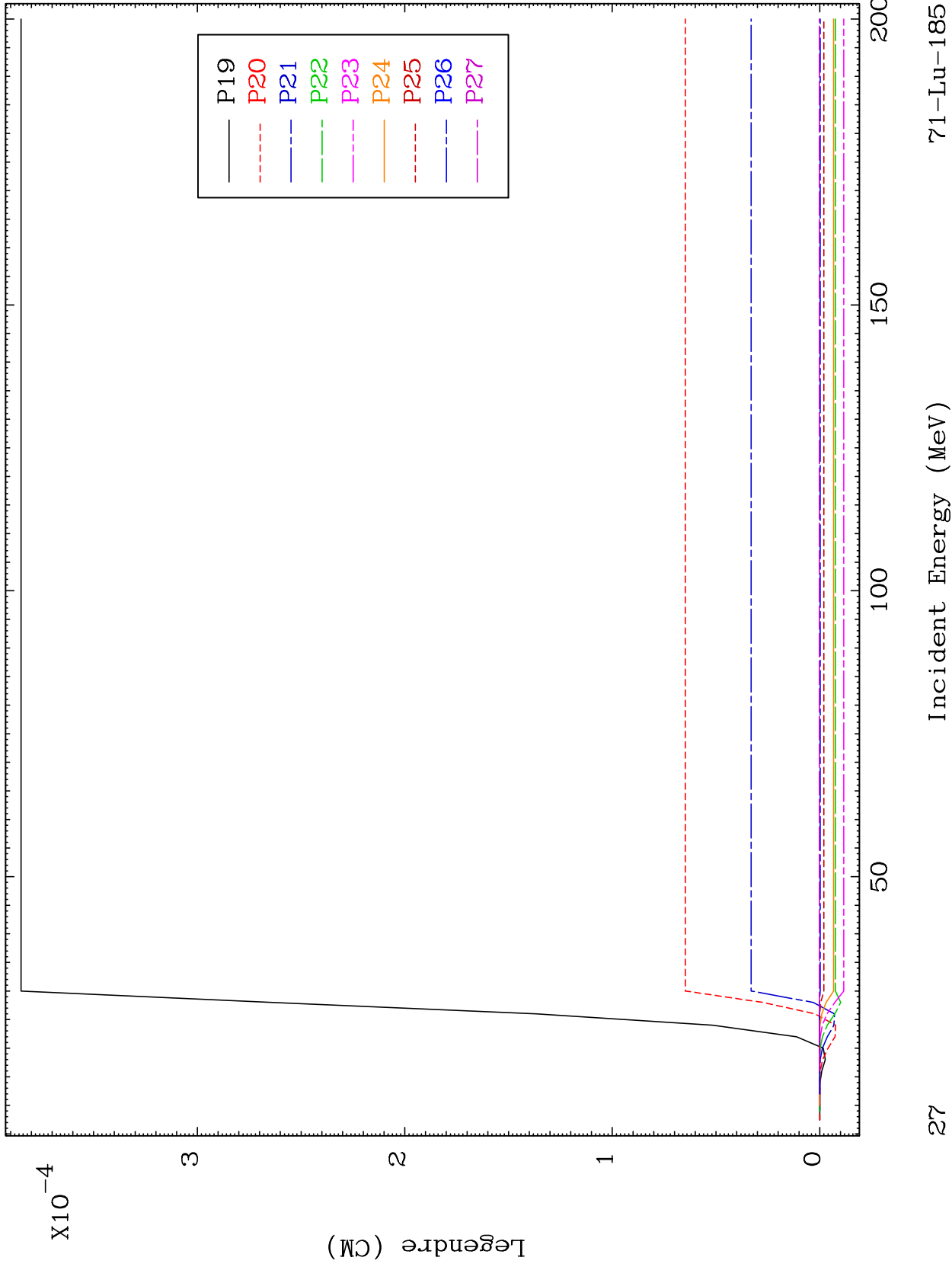
Incident Energy (MeV)

71-Lu-185

MAT 7155

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

71-Lu-185



27

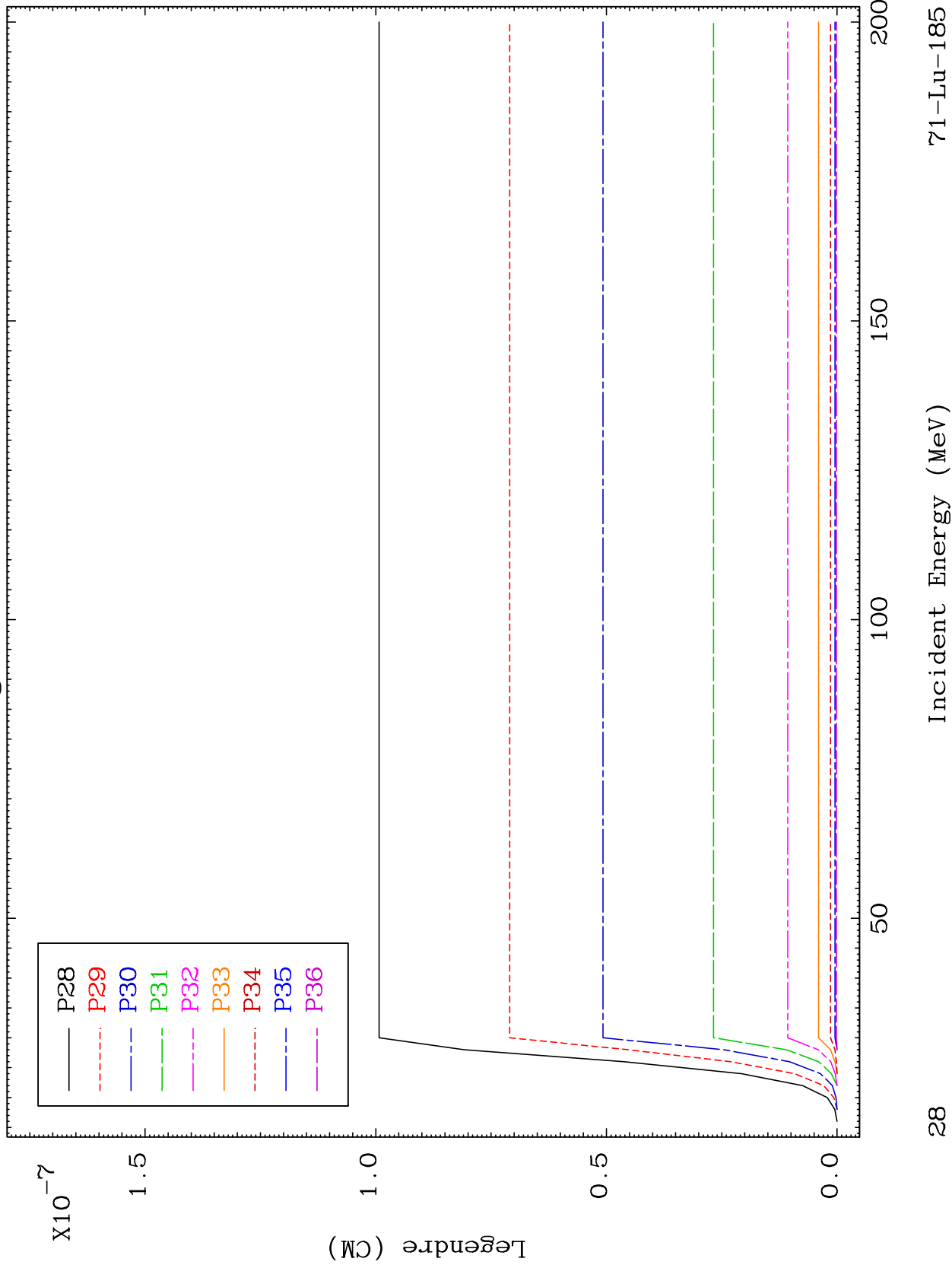
Incident Energy (MeV)

71-Lu-185

MAT 7155

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

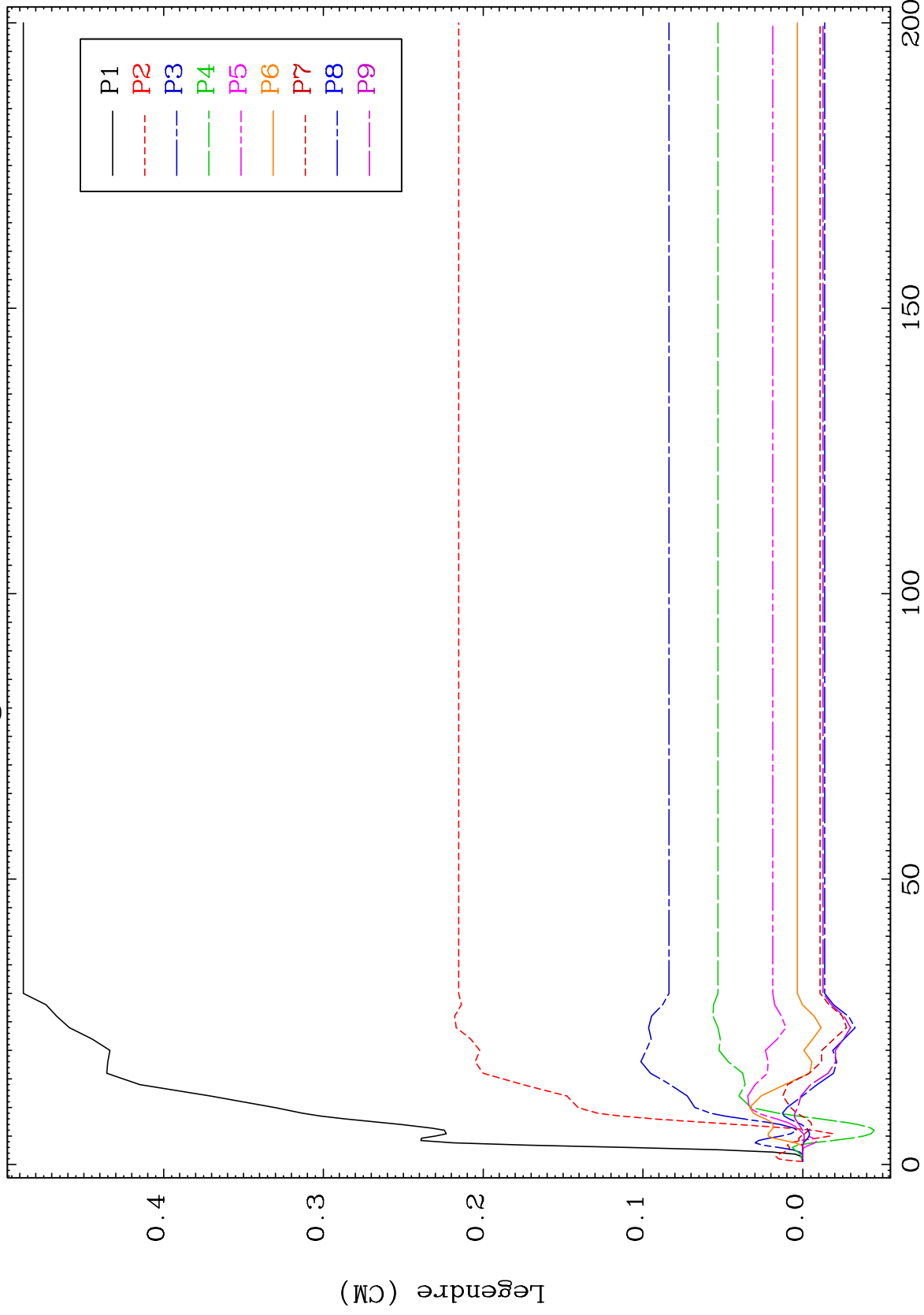
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MAT 7155

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

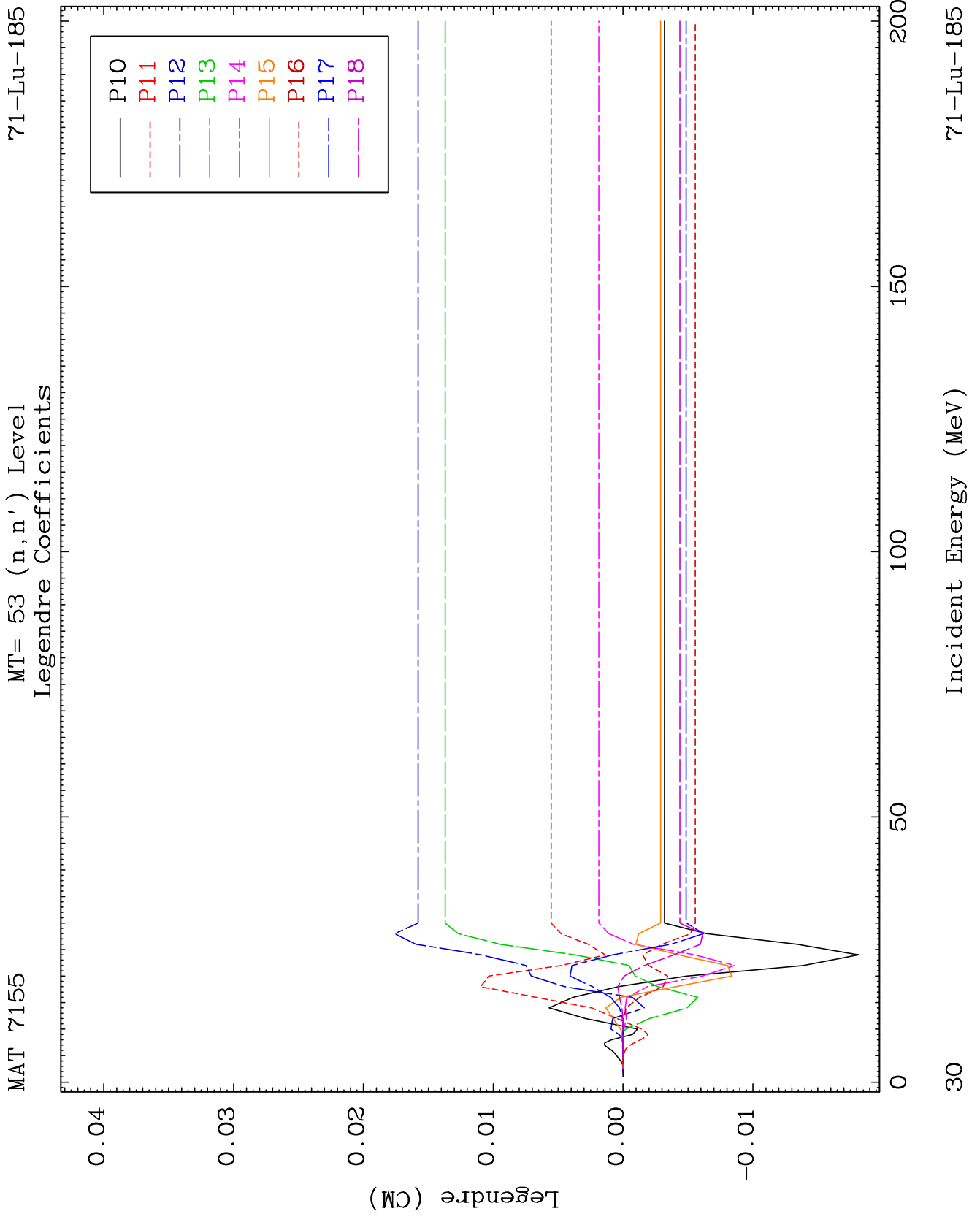
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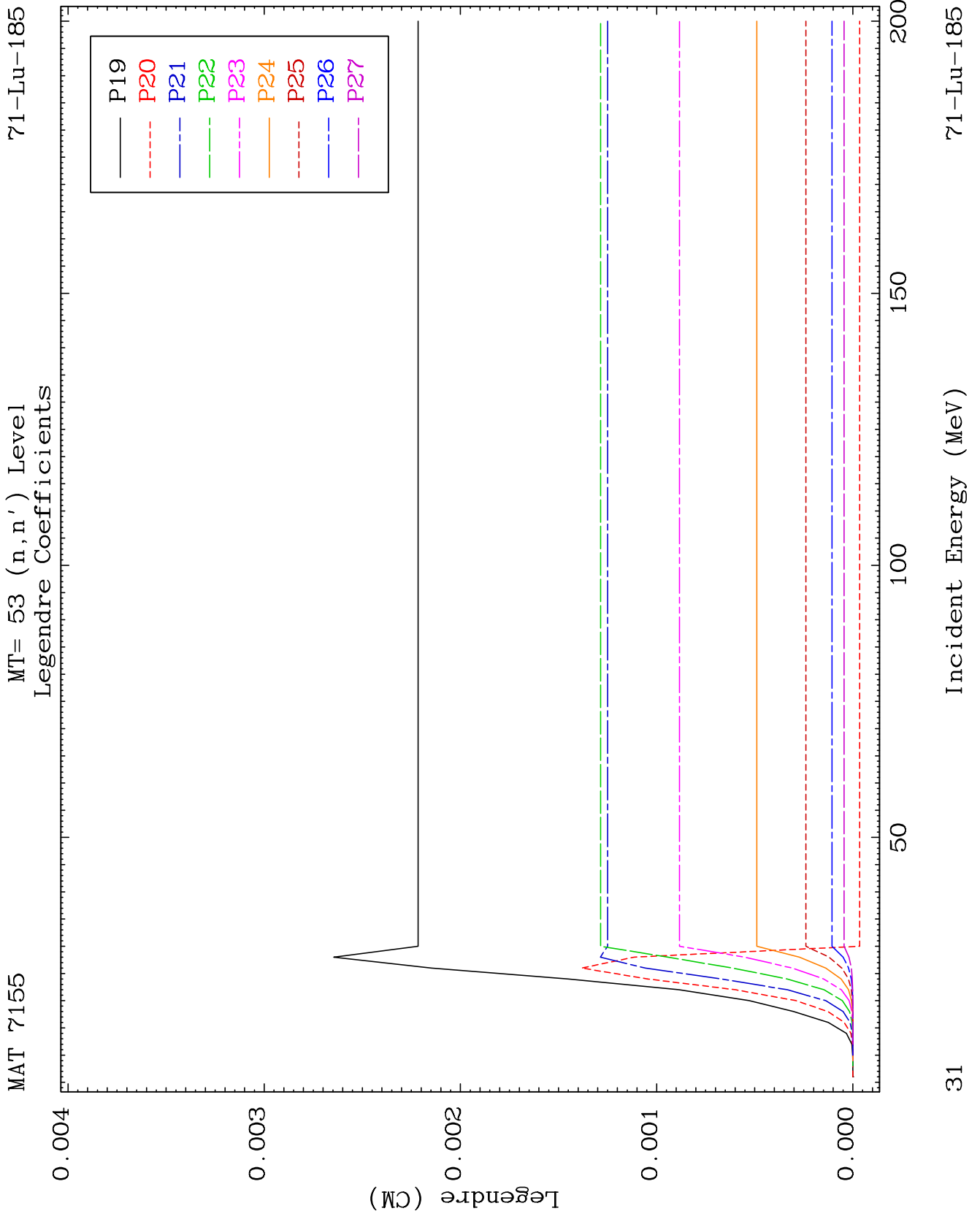


29

Incident Energy (MeV)

71-Lu-185

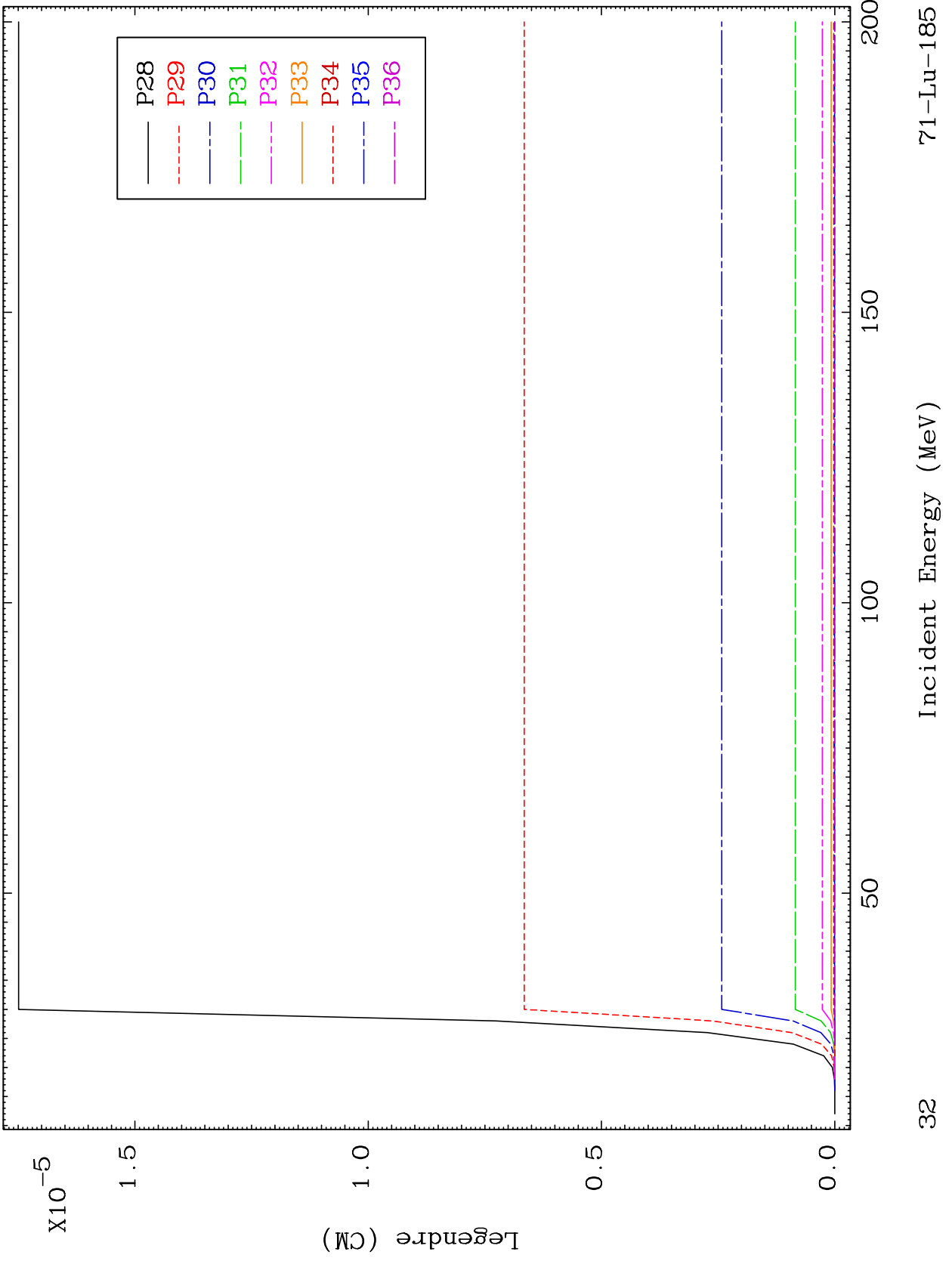




MAT 7155

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

71-Lu-185



32

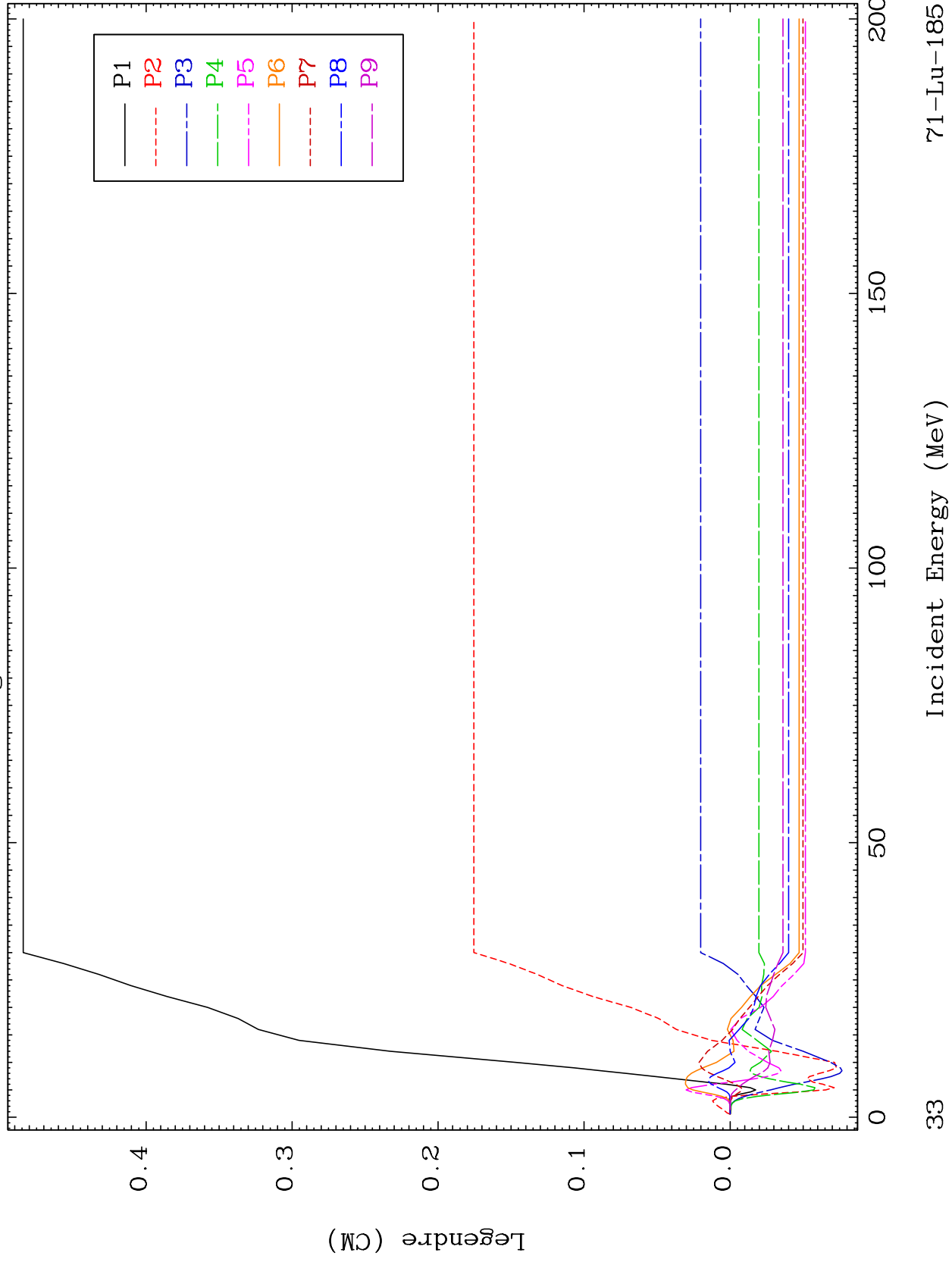
Incident Energy (MeV)

71-Lu-185

MAT 7155

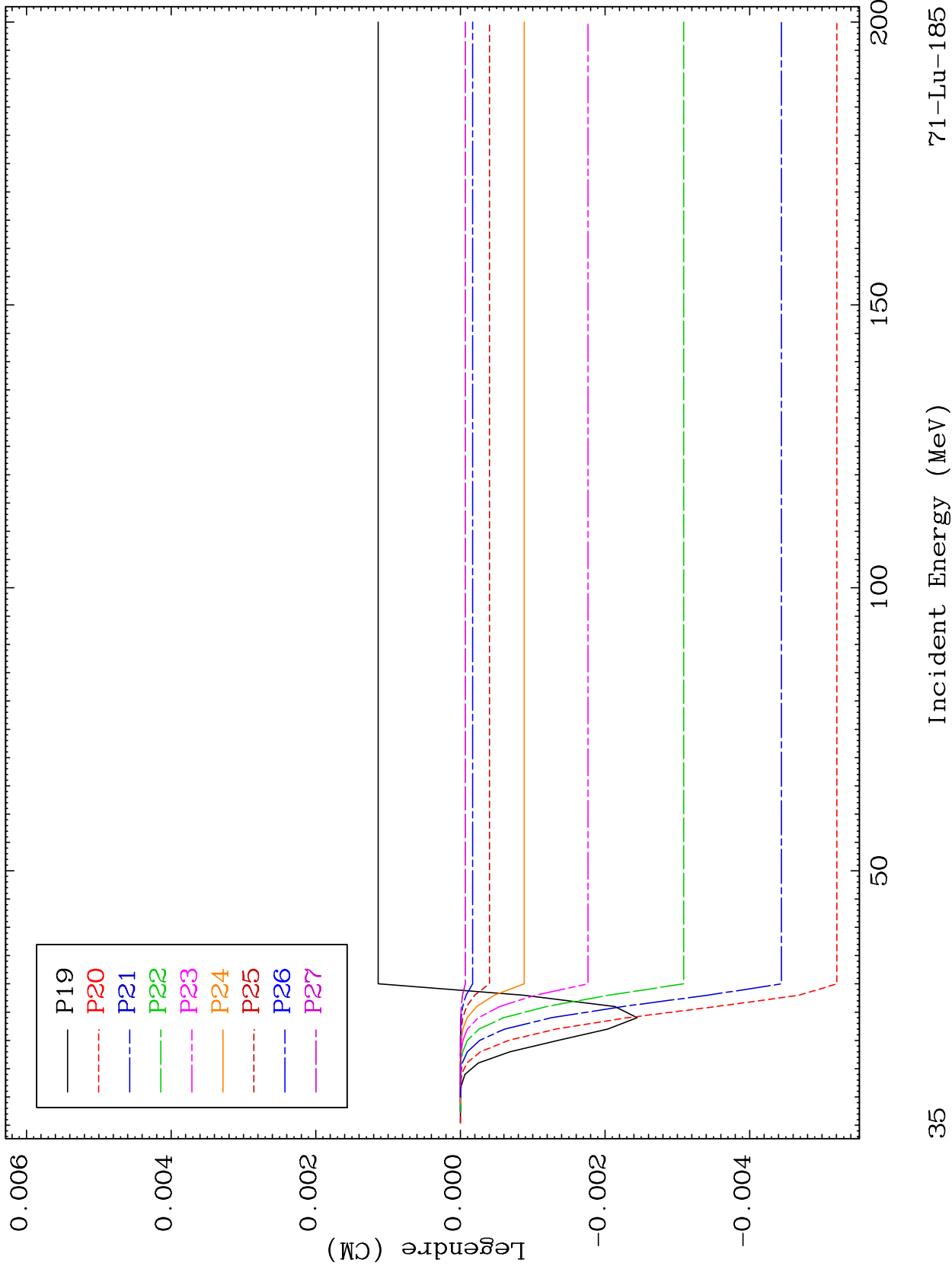
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Legendre Coefficients

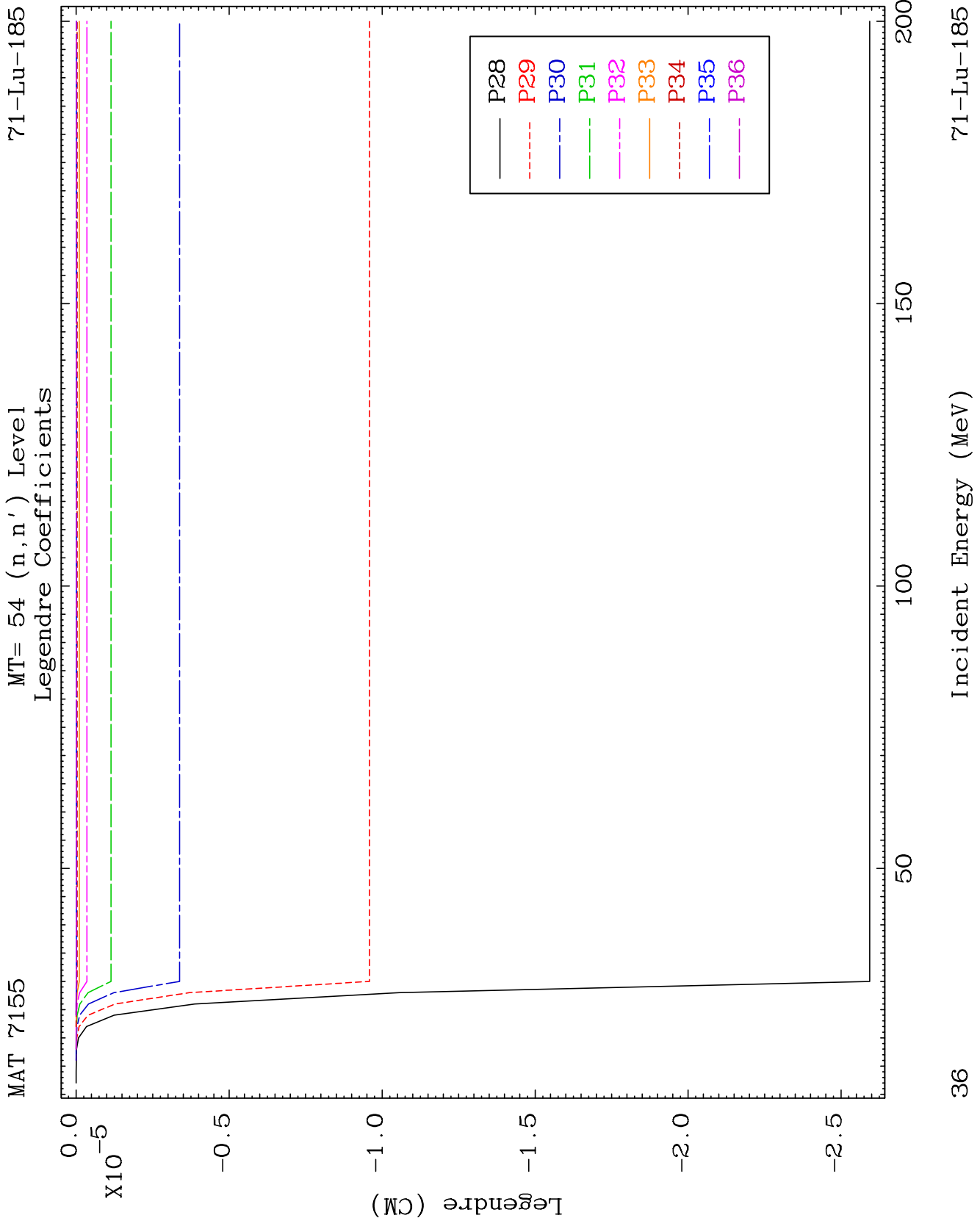
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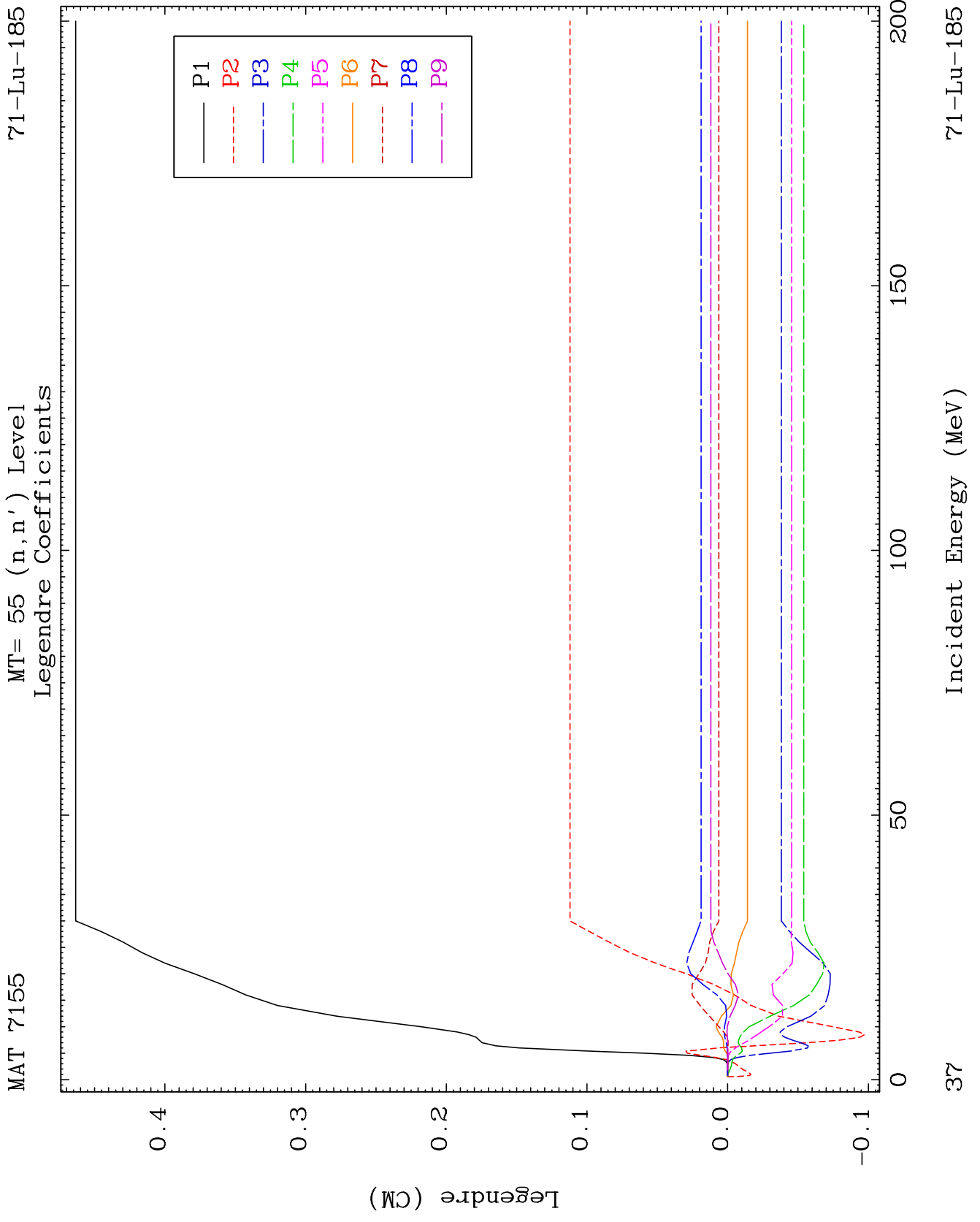


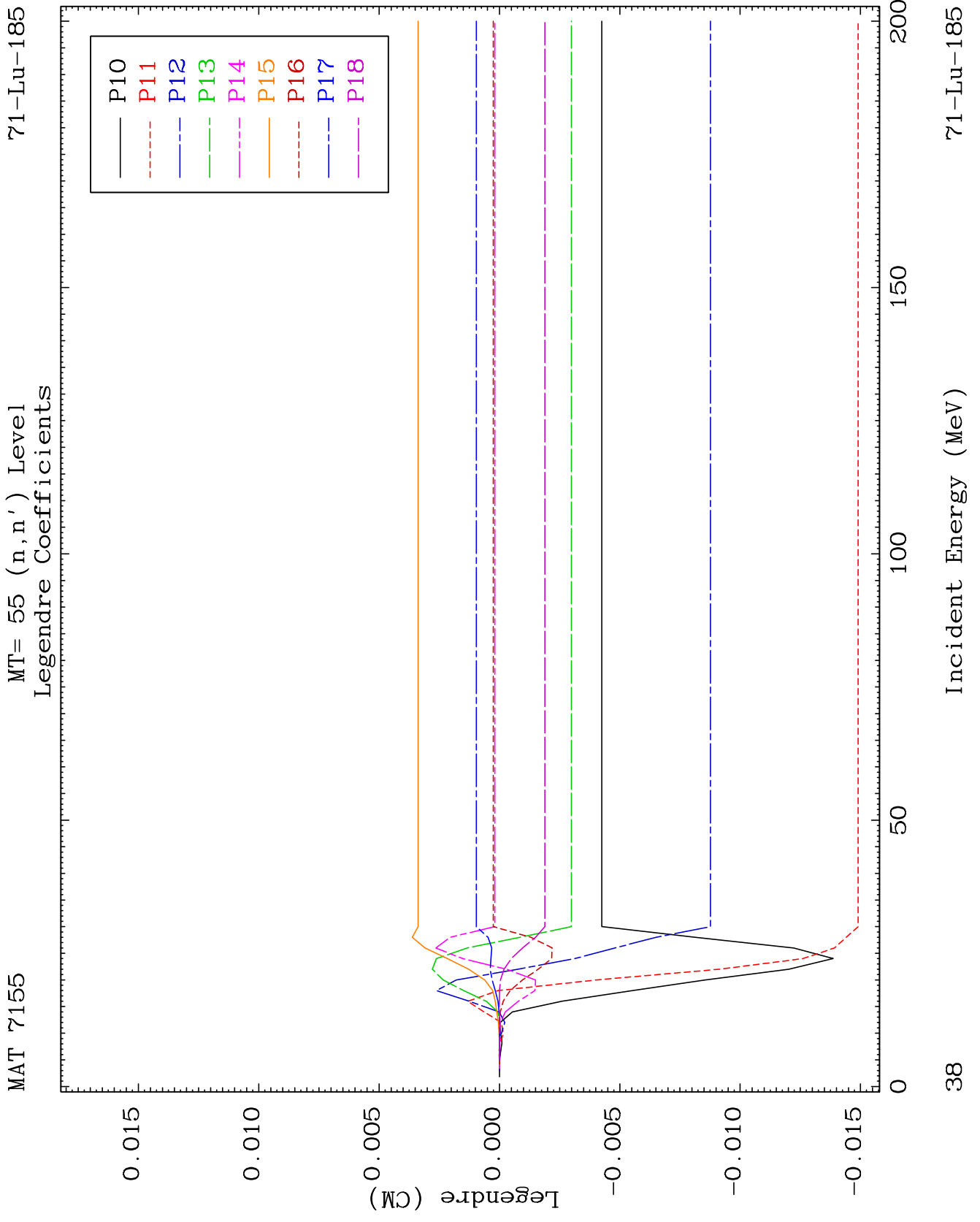
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71-Lu-185





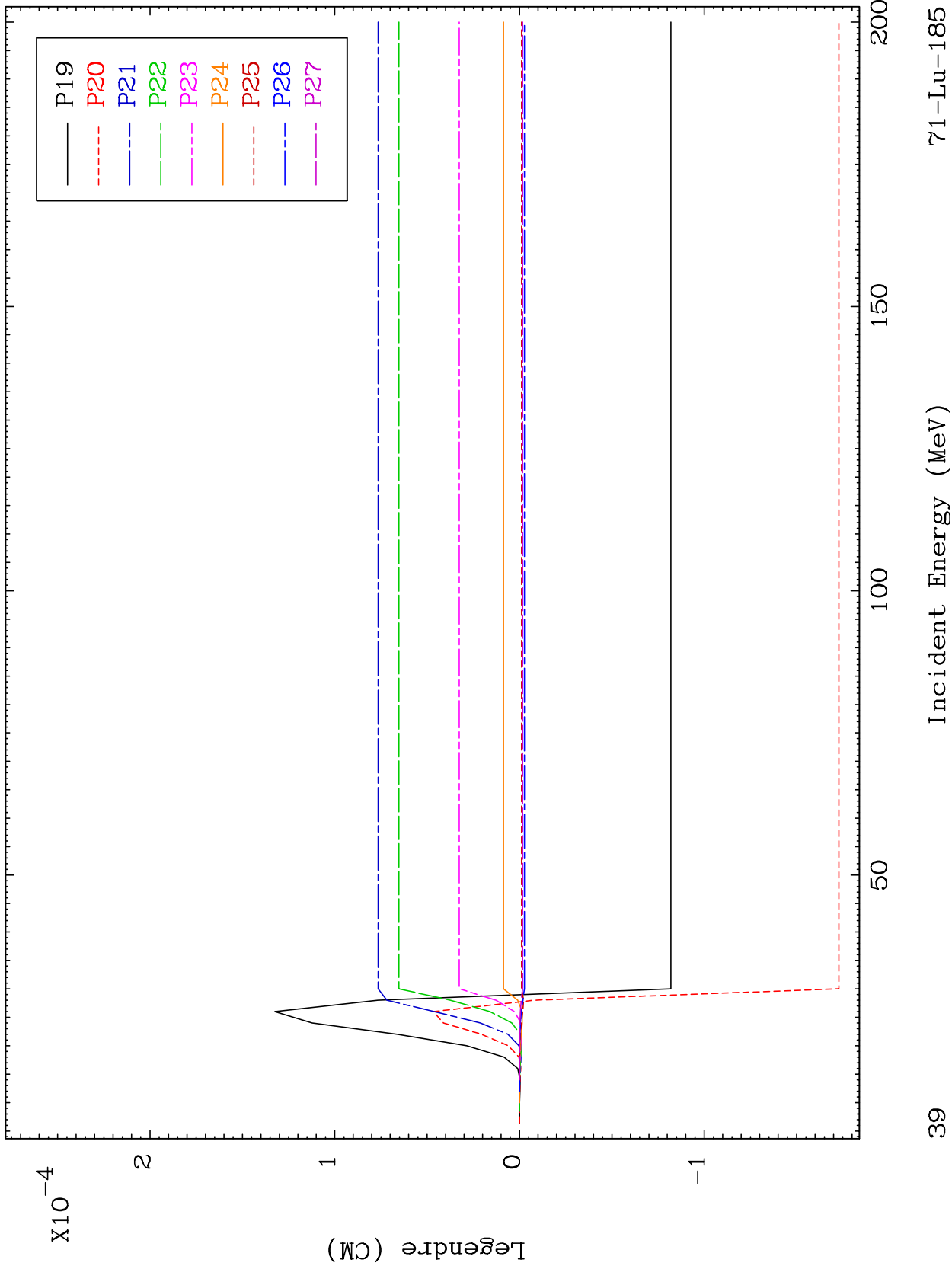




MAT 7155

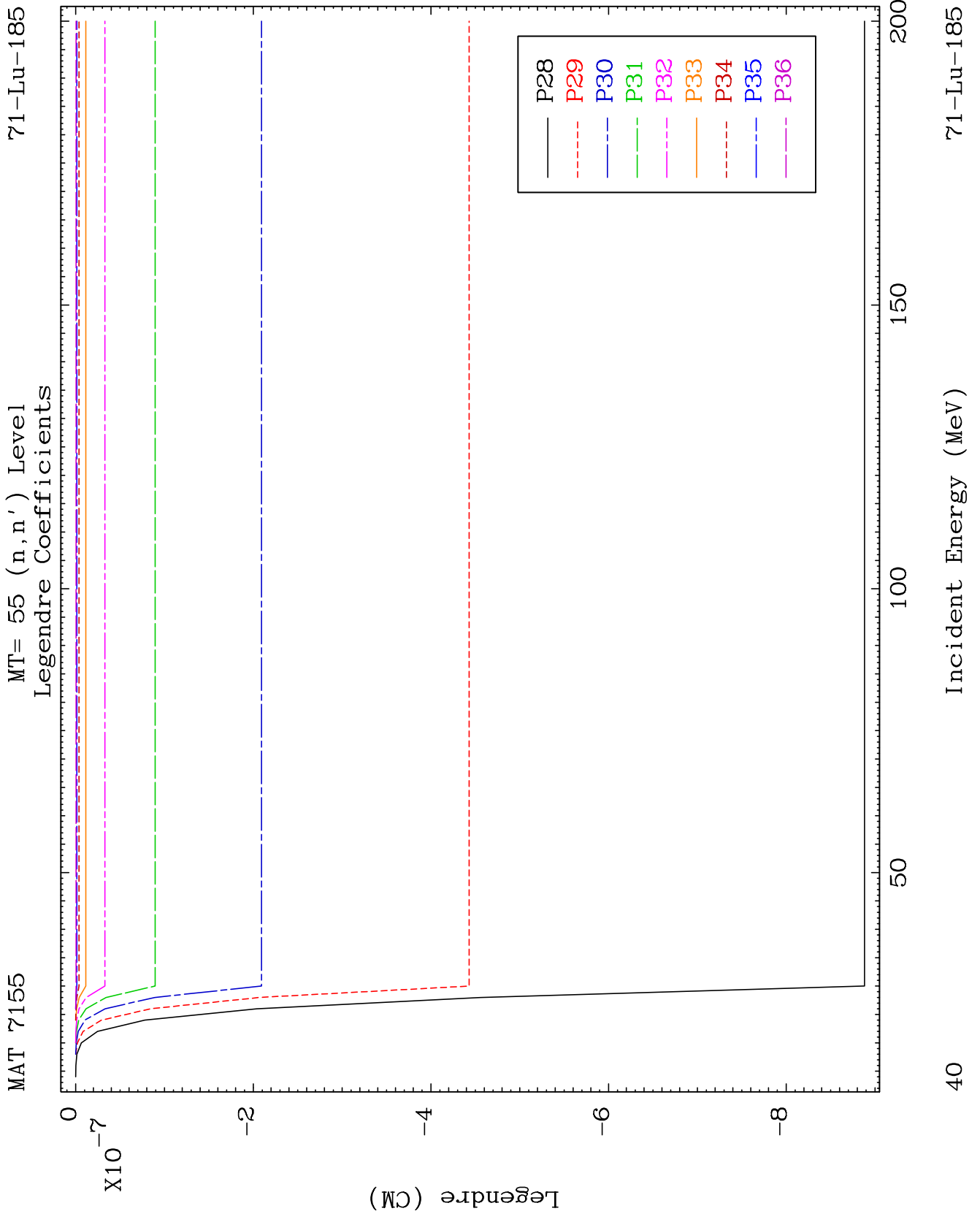
MT= 55 (n,n') Level
Legendre Coefficients

71-Lu-185



39

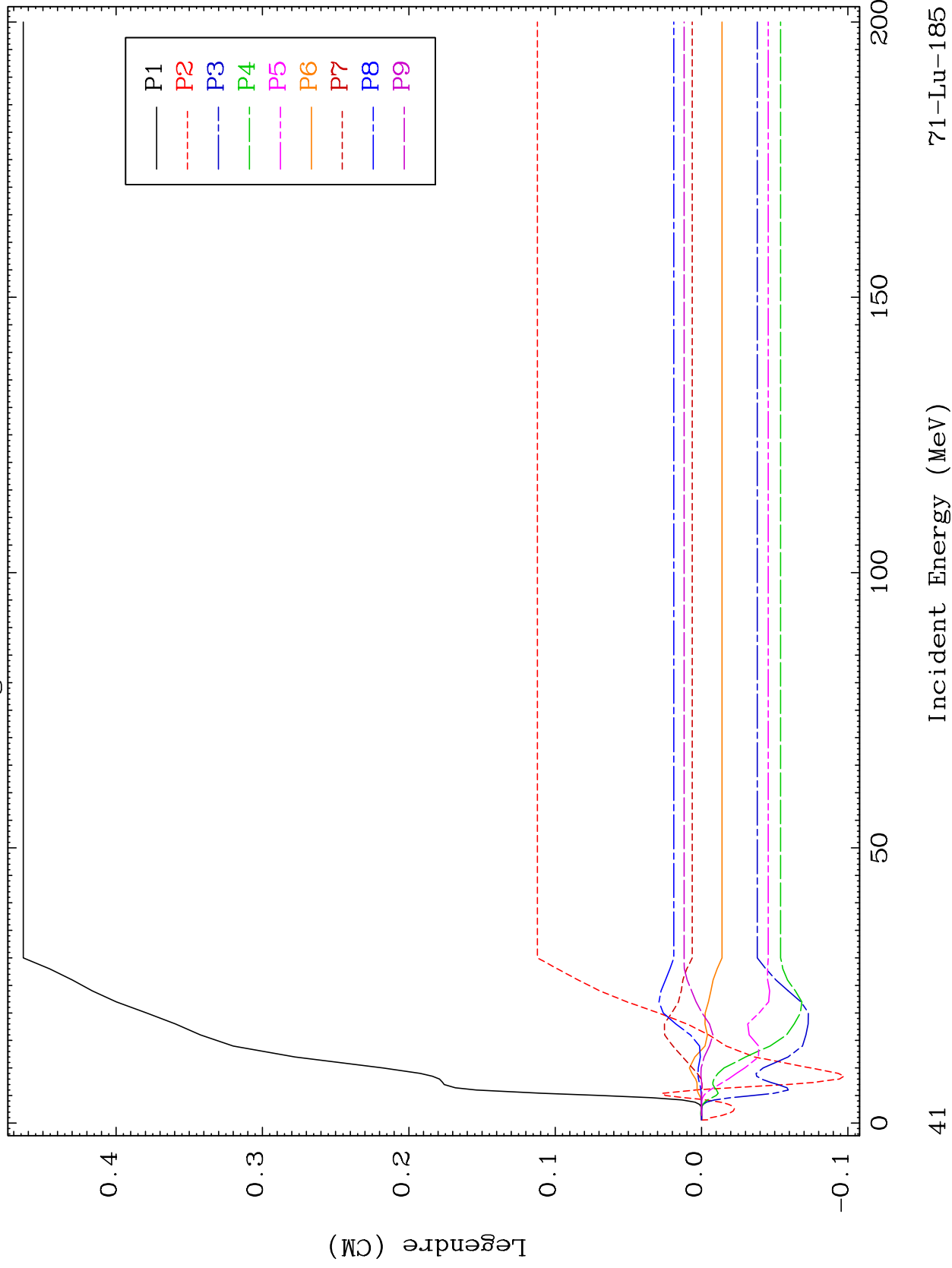
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MAT 7155

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

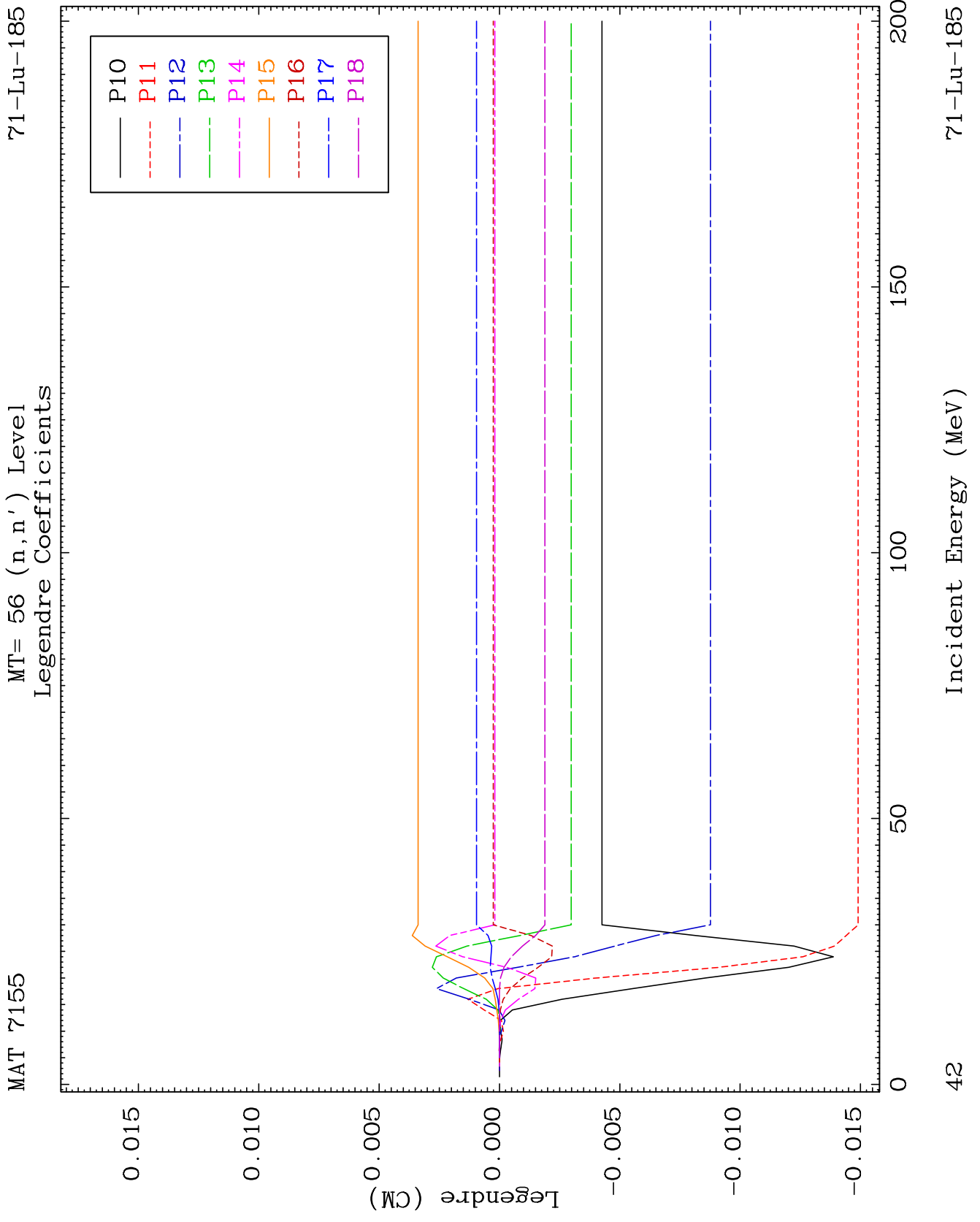
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41

Incident Energy (MeV)

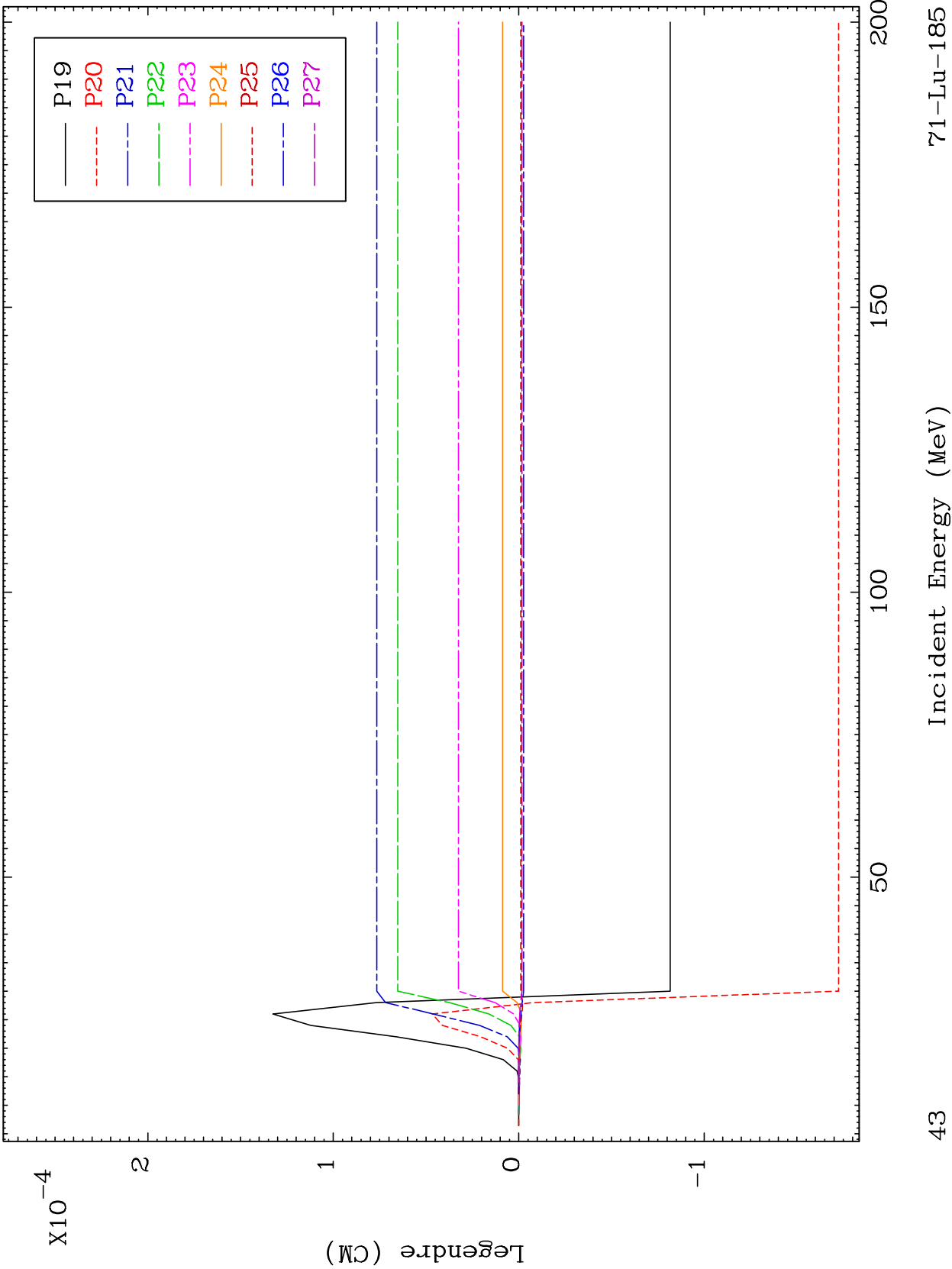
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MAT 7155

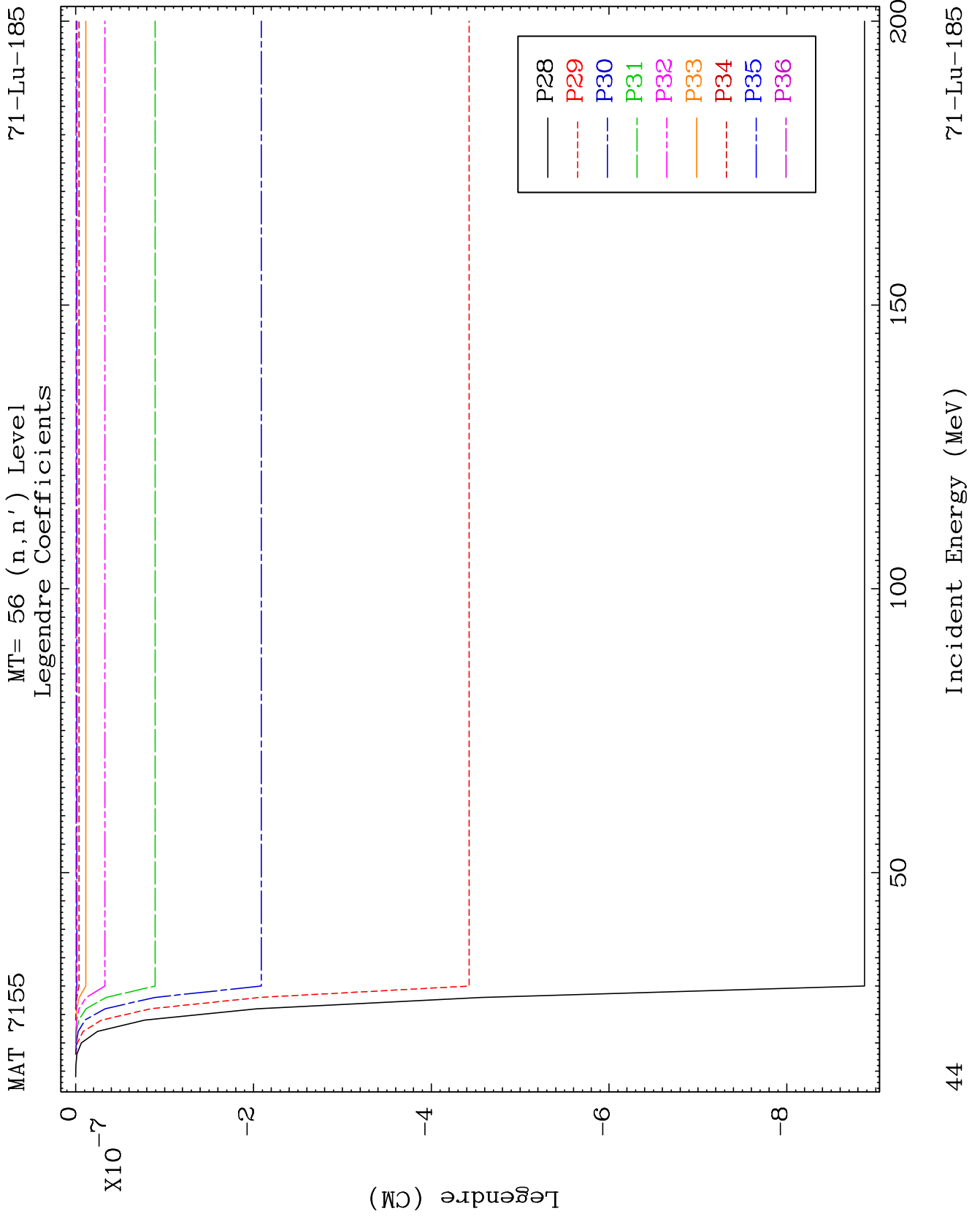
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Legendre Coefficients

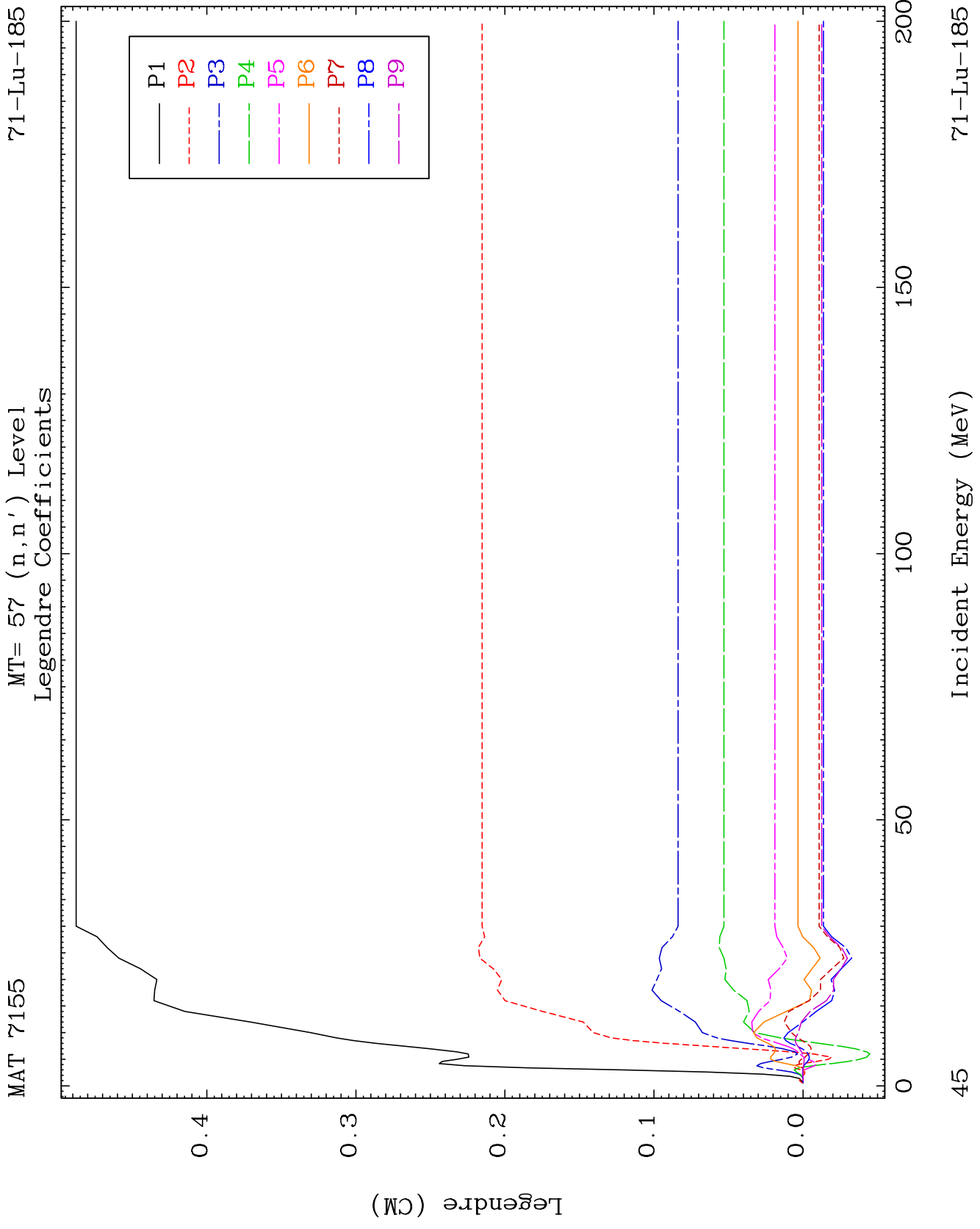
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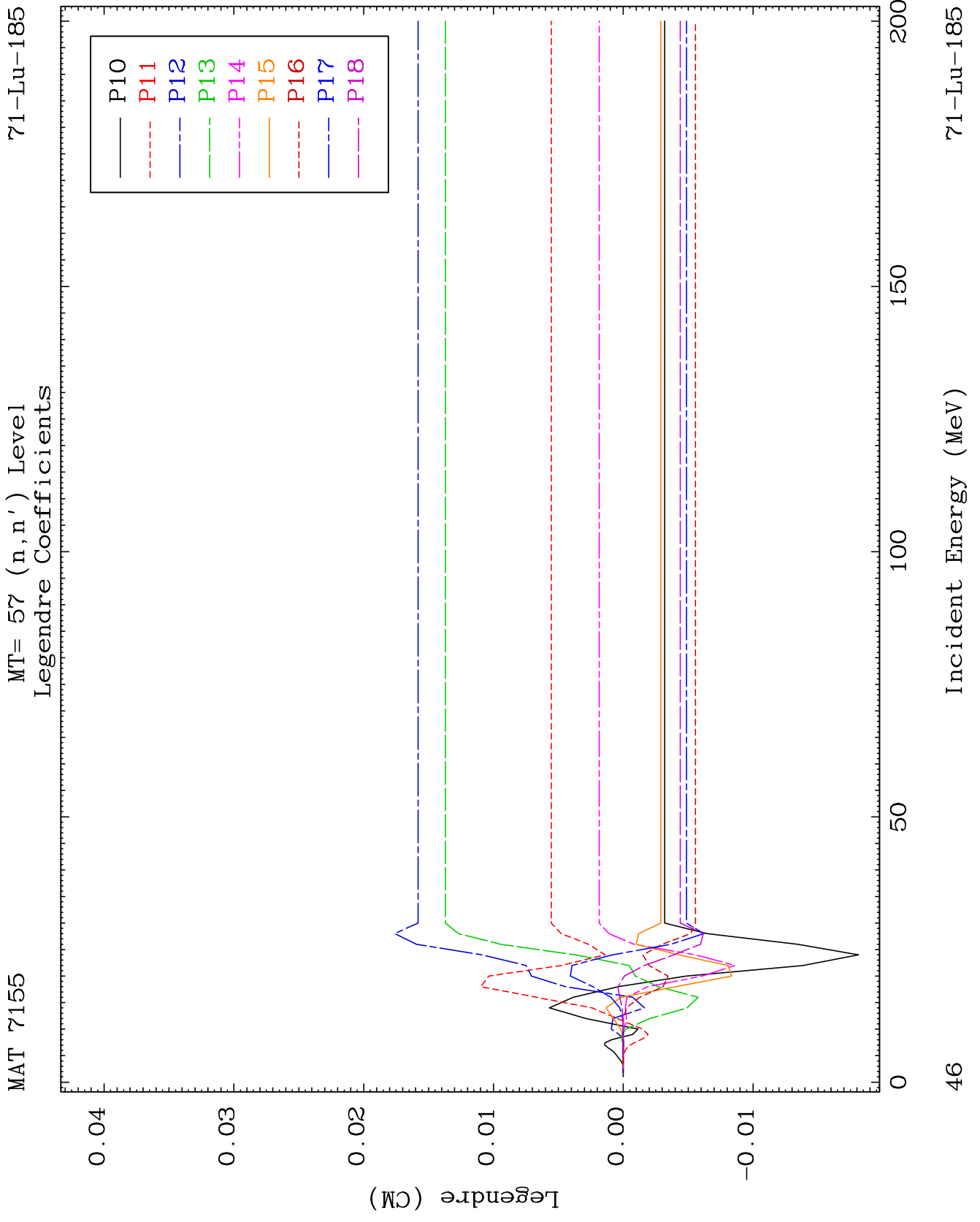


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71-Lu-185



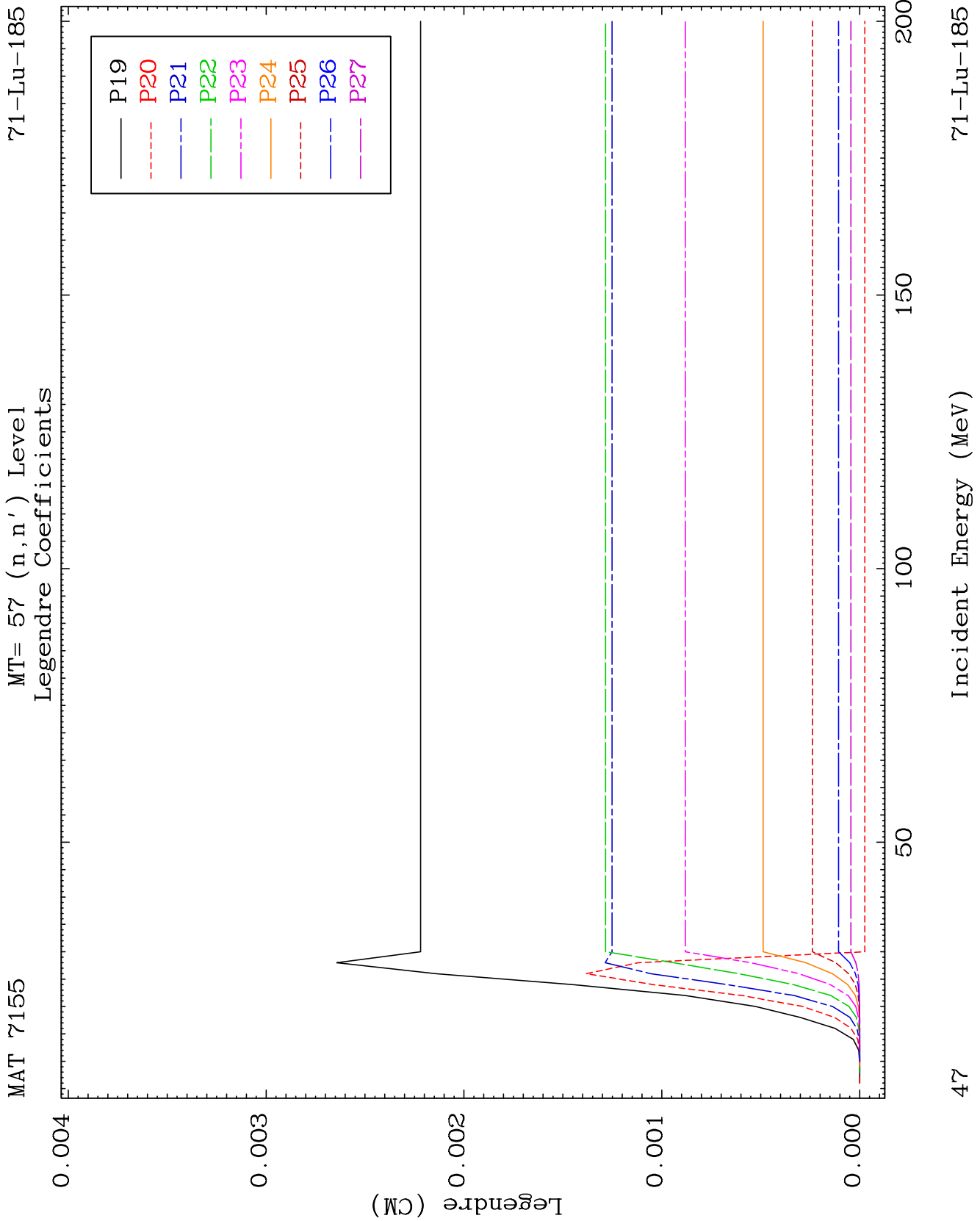




71-Lu-185

Incident Energy (MeV)

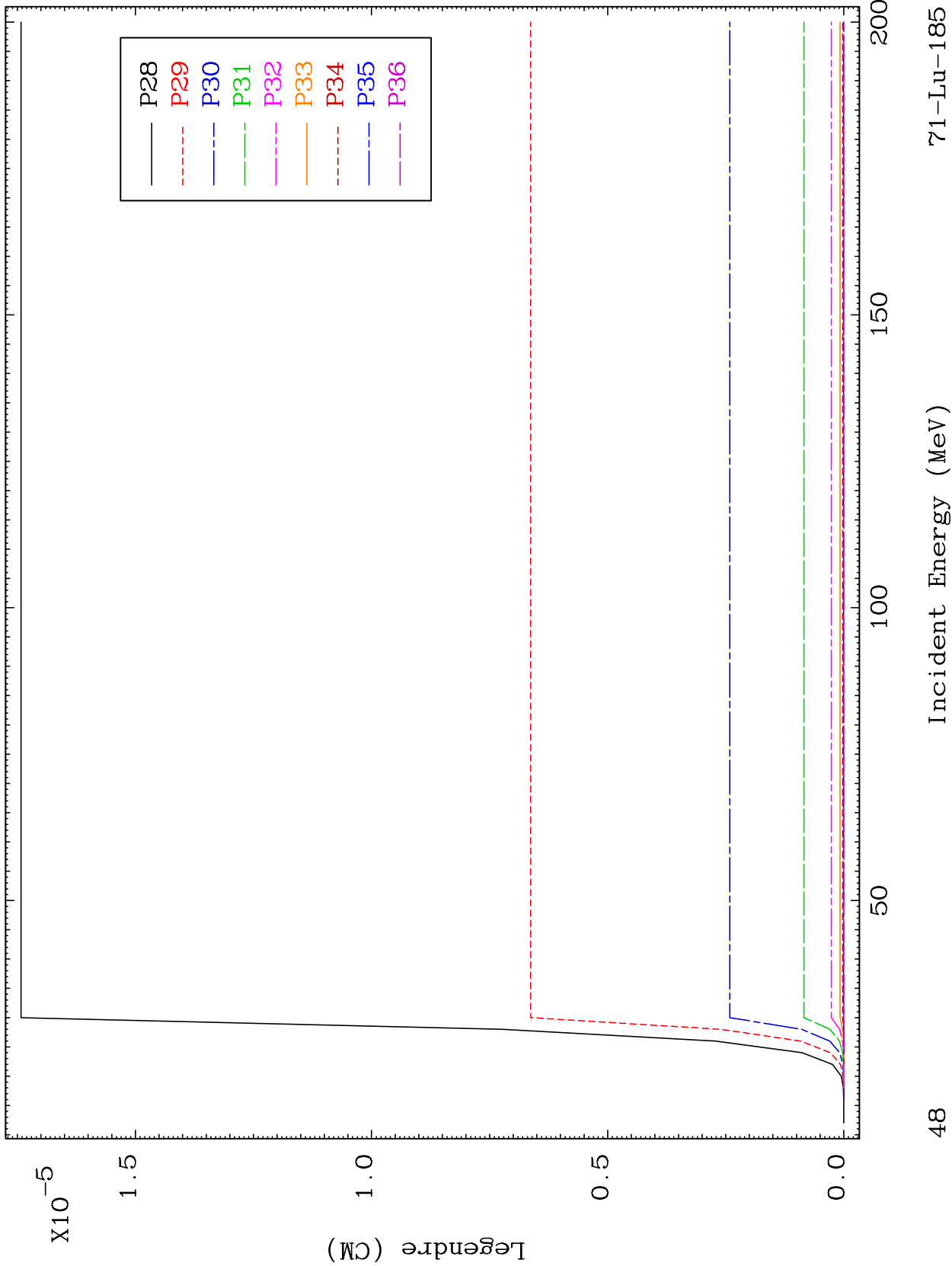
46



MAT 7155

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

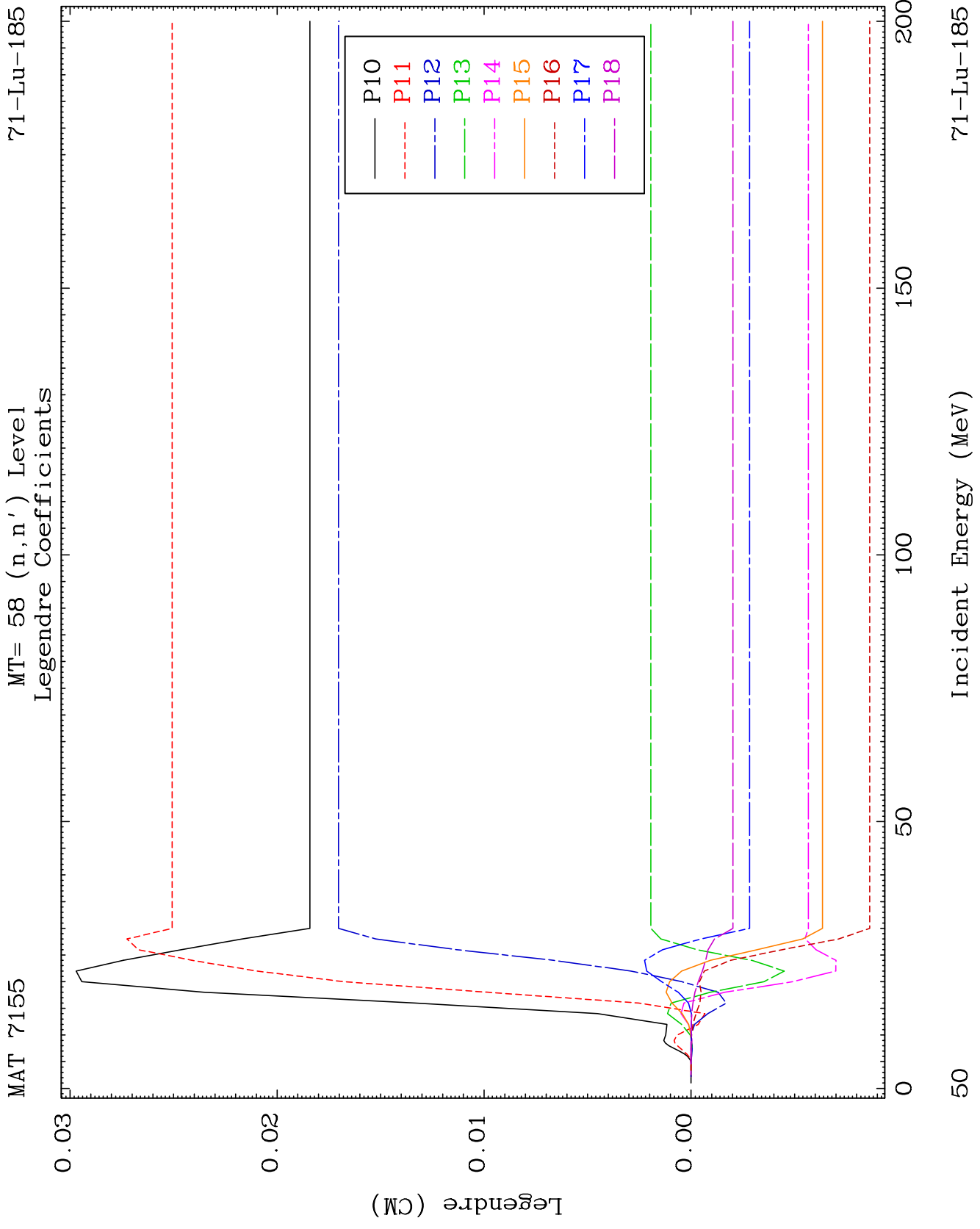
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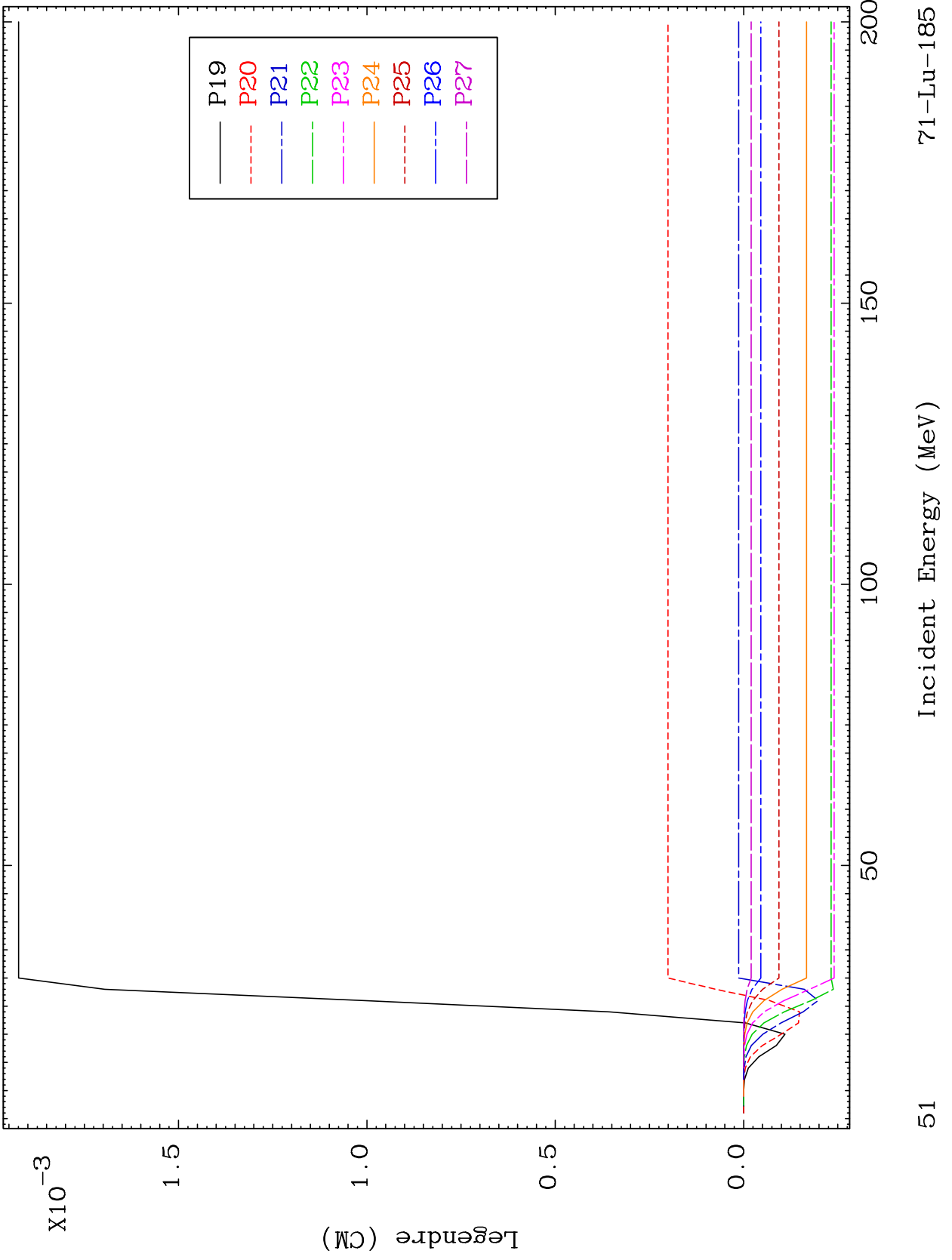


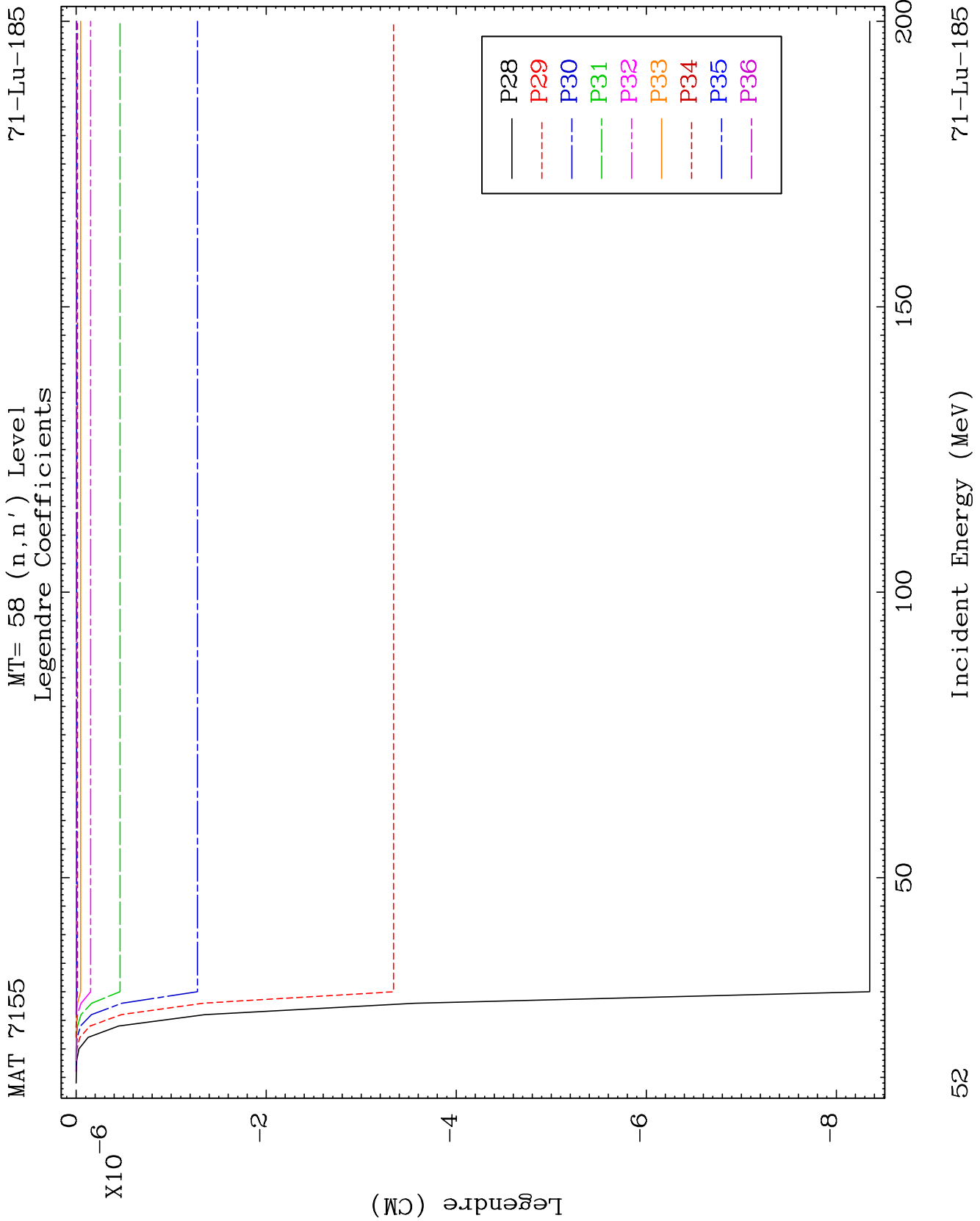
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Incident Energy (MeV)

71-Lu-185



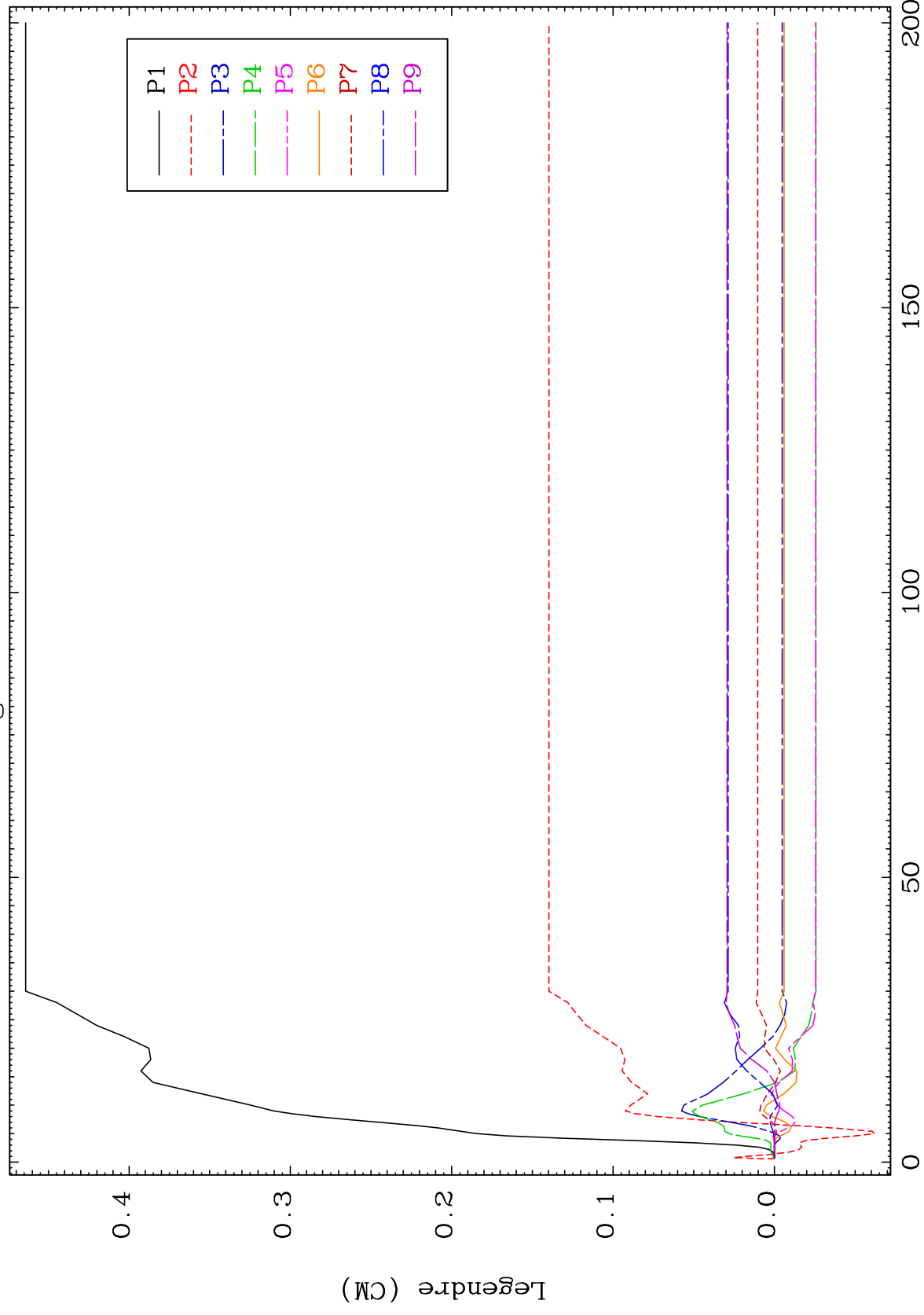




MAT 7155

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

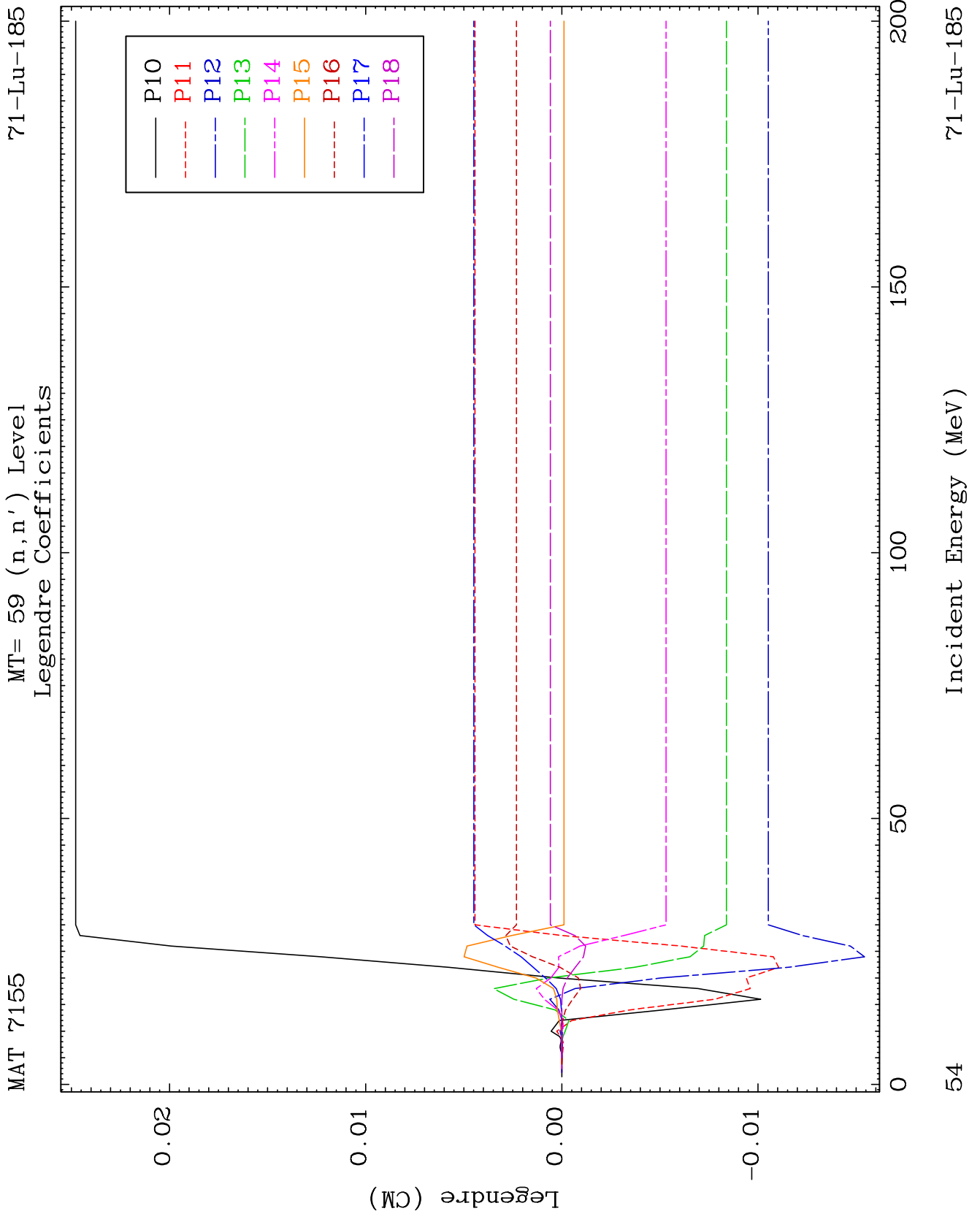
71-Lu-185



53

Incident Energy (MeV)

71-Lu-185



71-Lu-185

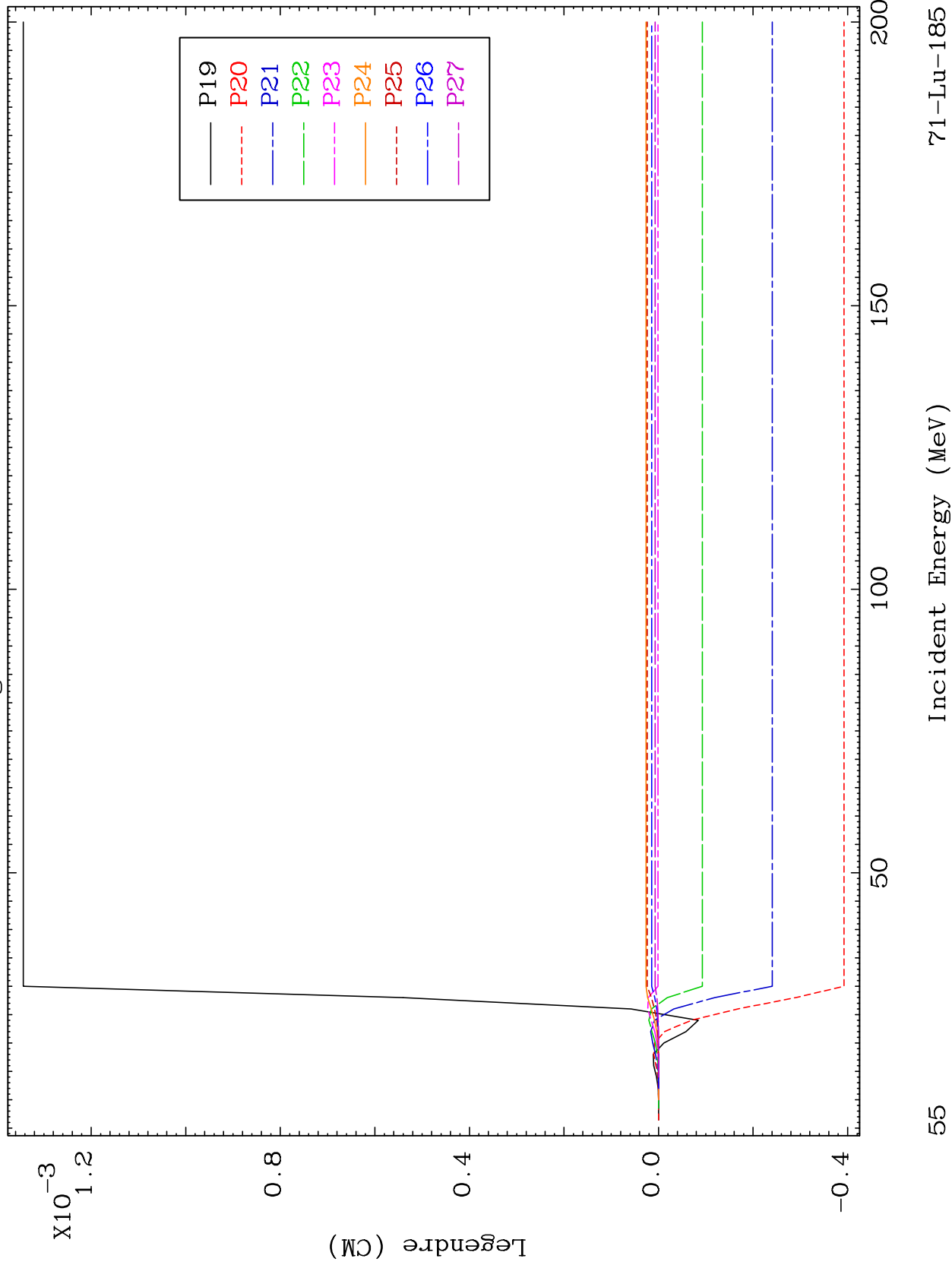
Incident Energy (MeV)

54

MAT 7155

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

71-Lu-185



55

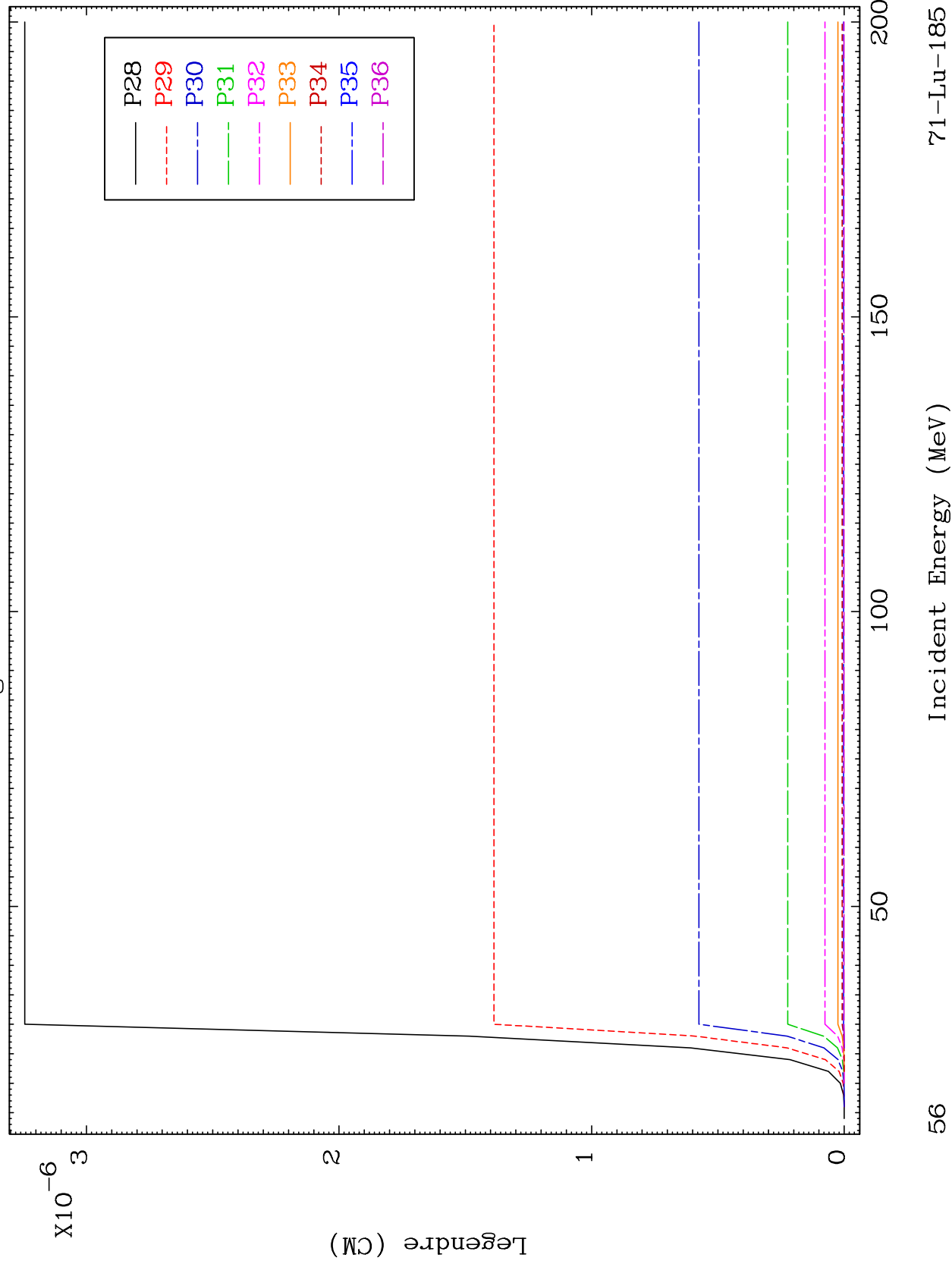
Incident Energy (MeV)

71-Lu-185

MAT 7155

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

71-Lu-185



56

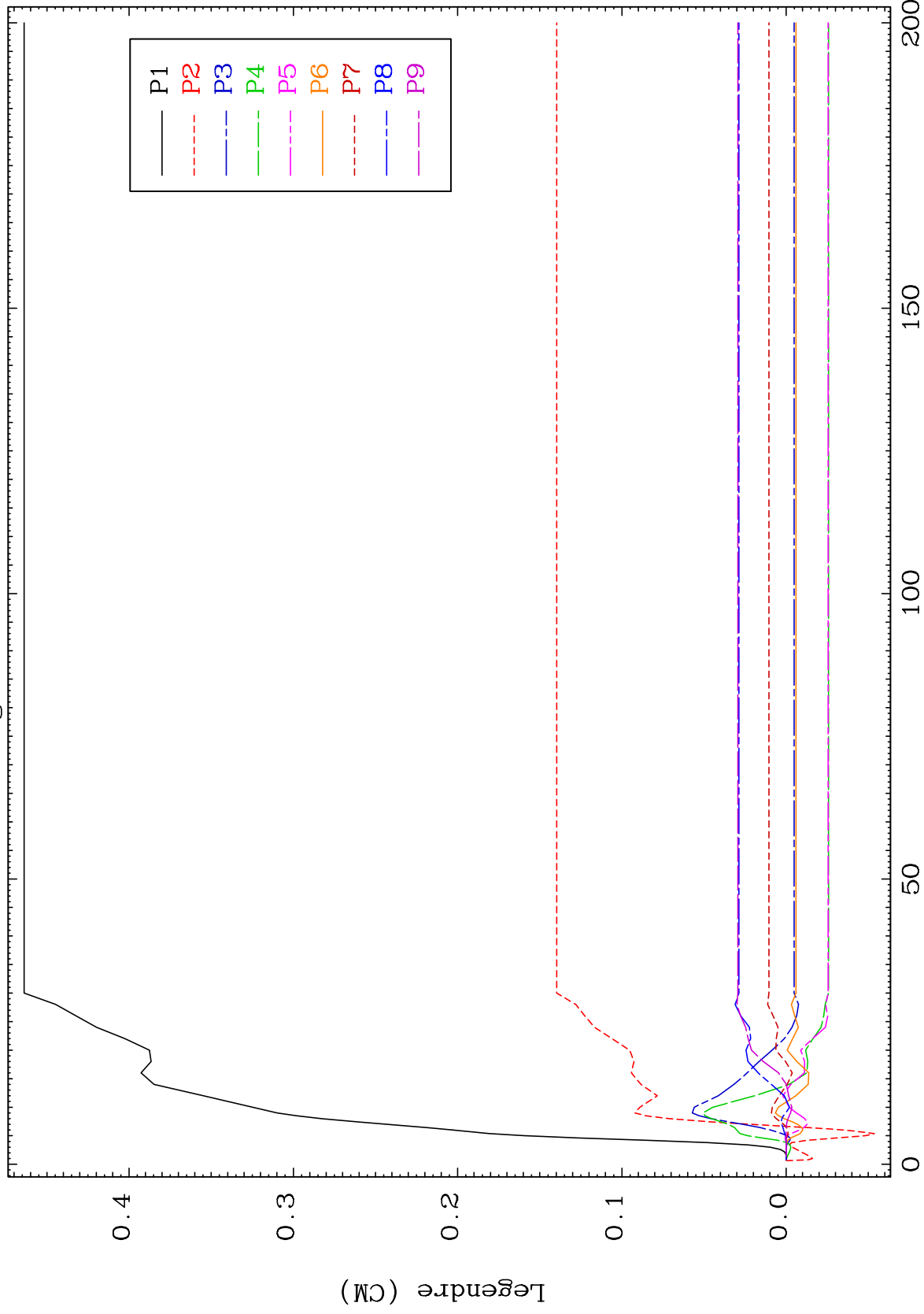
Incident Energy (MeV)

71-Lu-185

MAT 7155

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

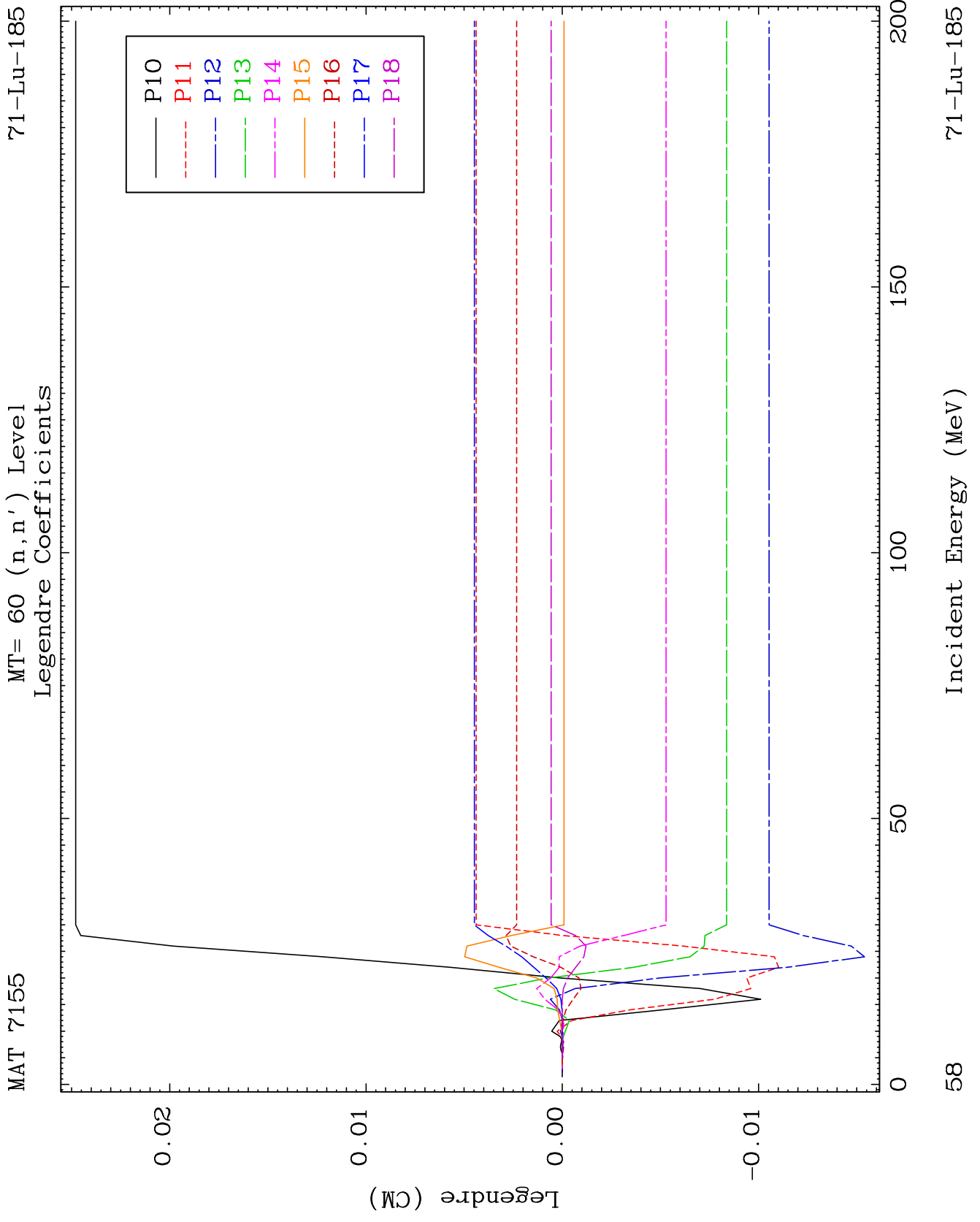
71-Lu-185



57

Incident Energy (MeV)

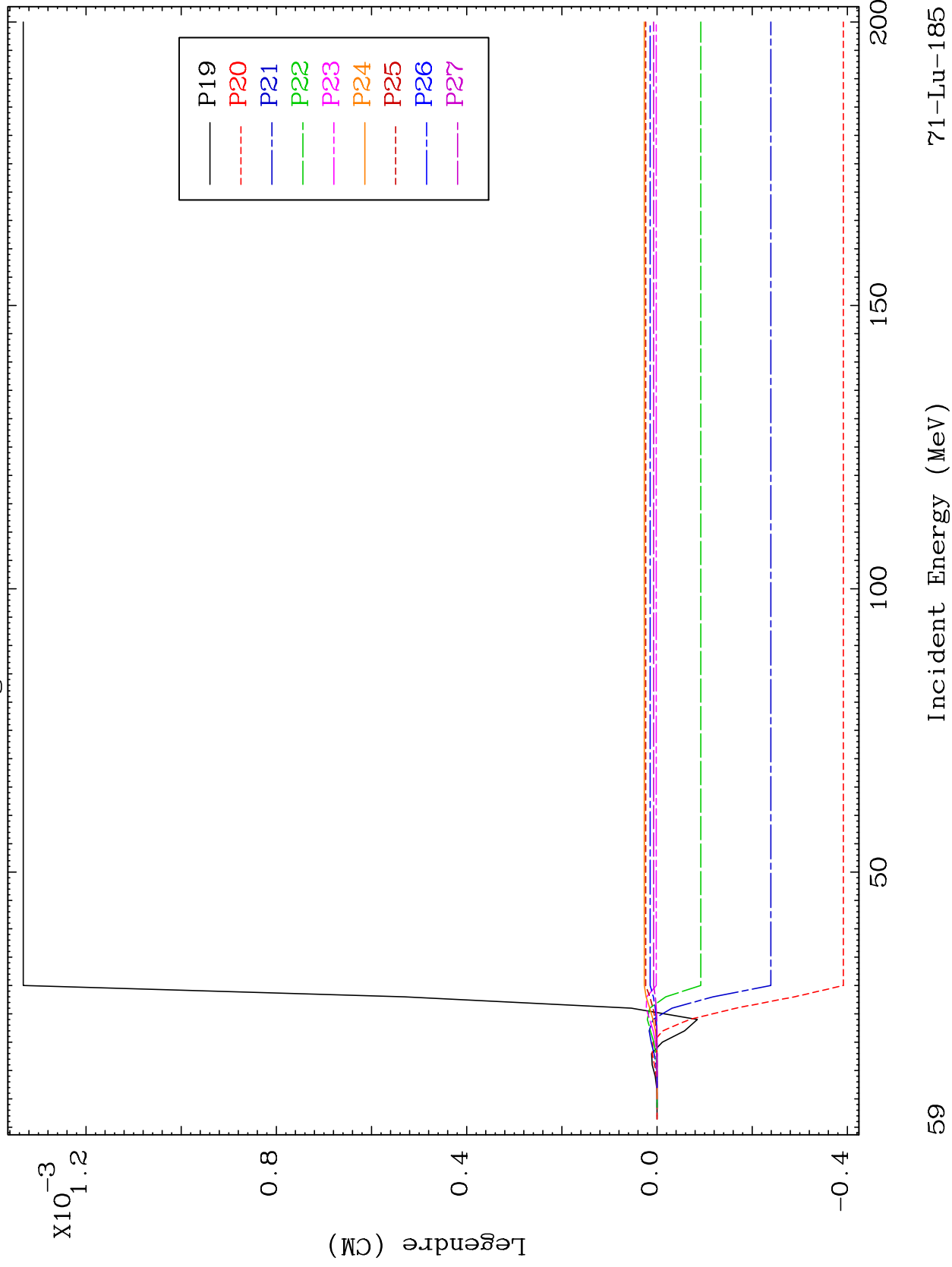
71-Lu-185



MAT 7155

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

71-Lu-185



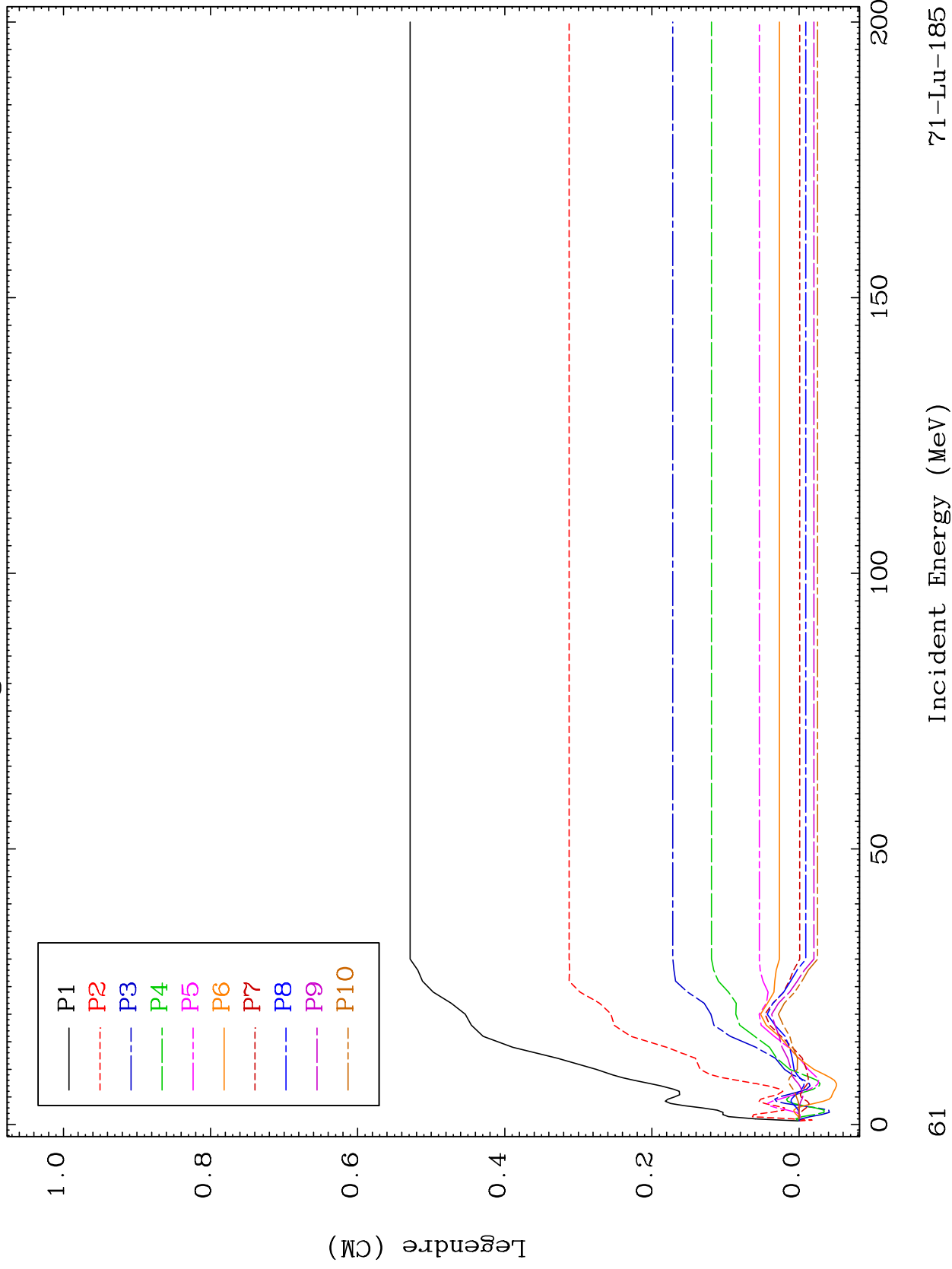
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71-Lu-185

MAT 7155

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

71-Lu-185



61

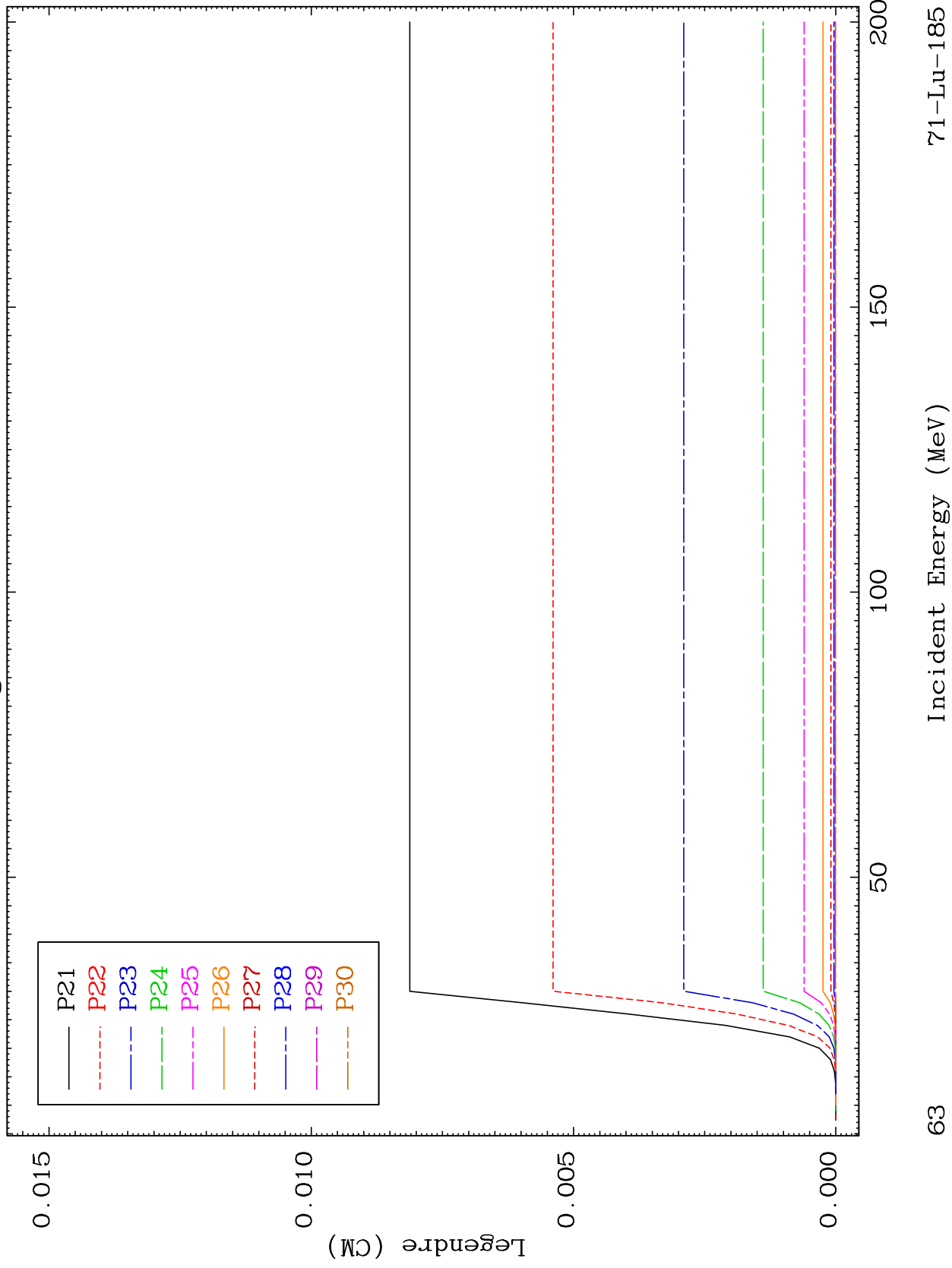
Incident Energy (MeV)

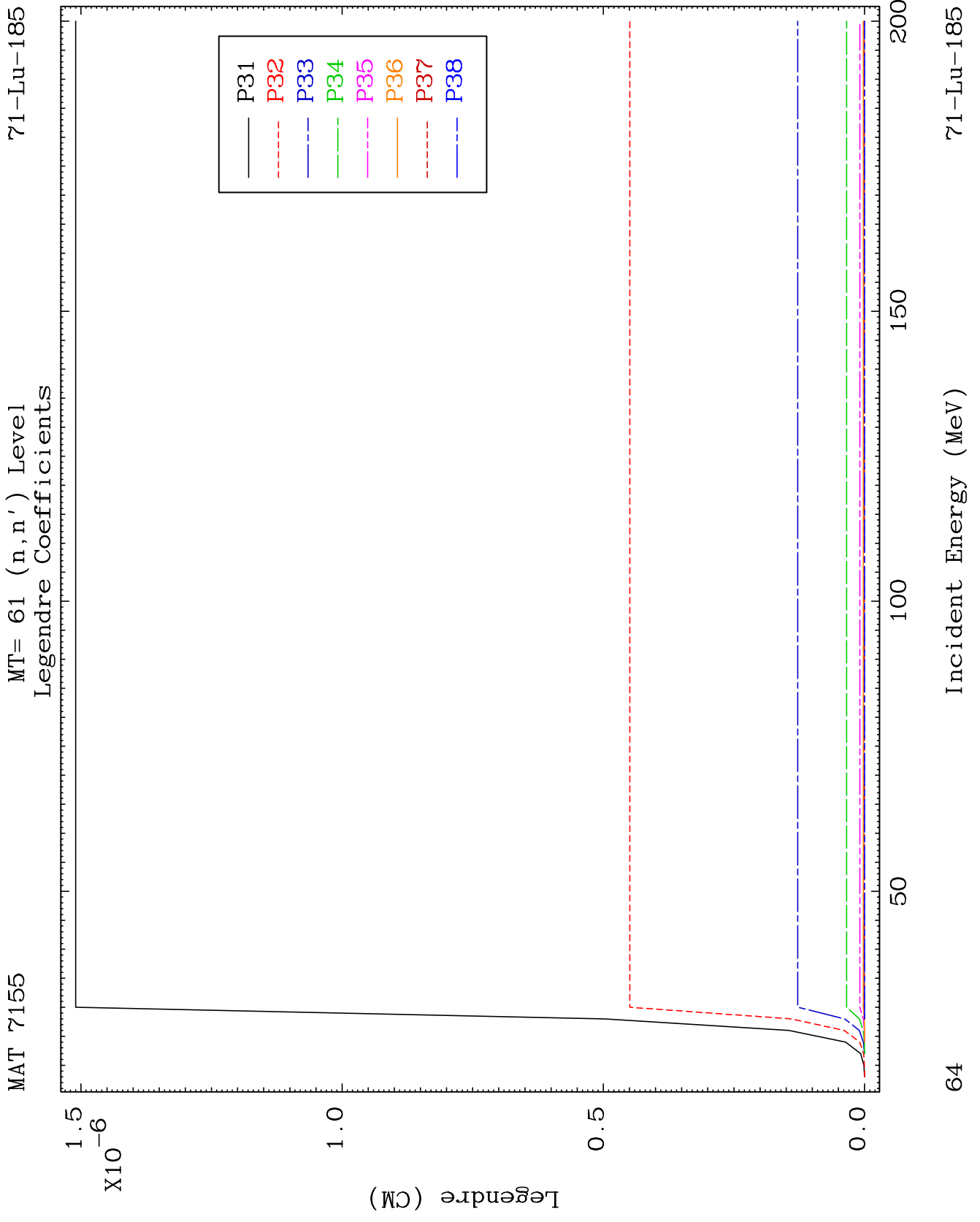
71-Lu-185

MAT 7155

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

71-Lu-185

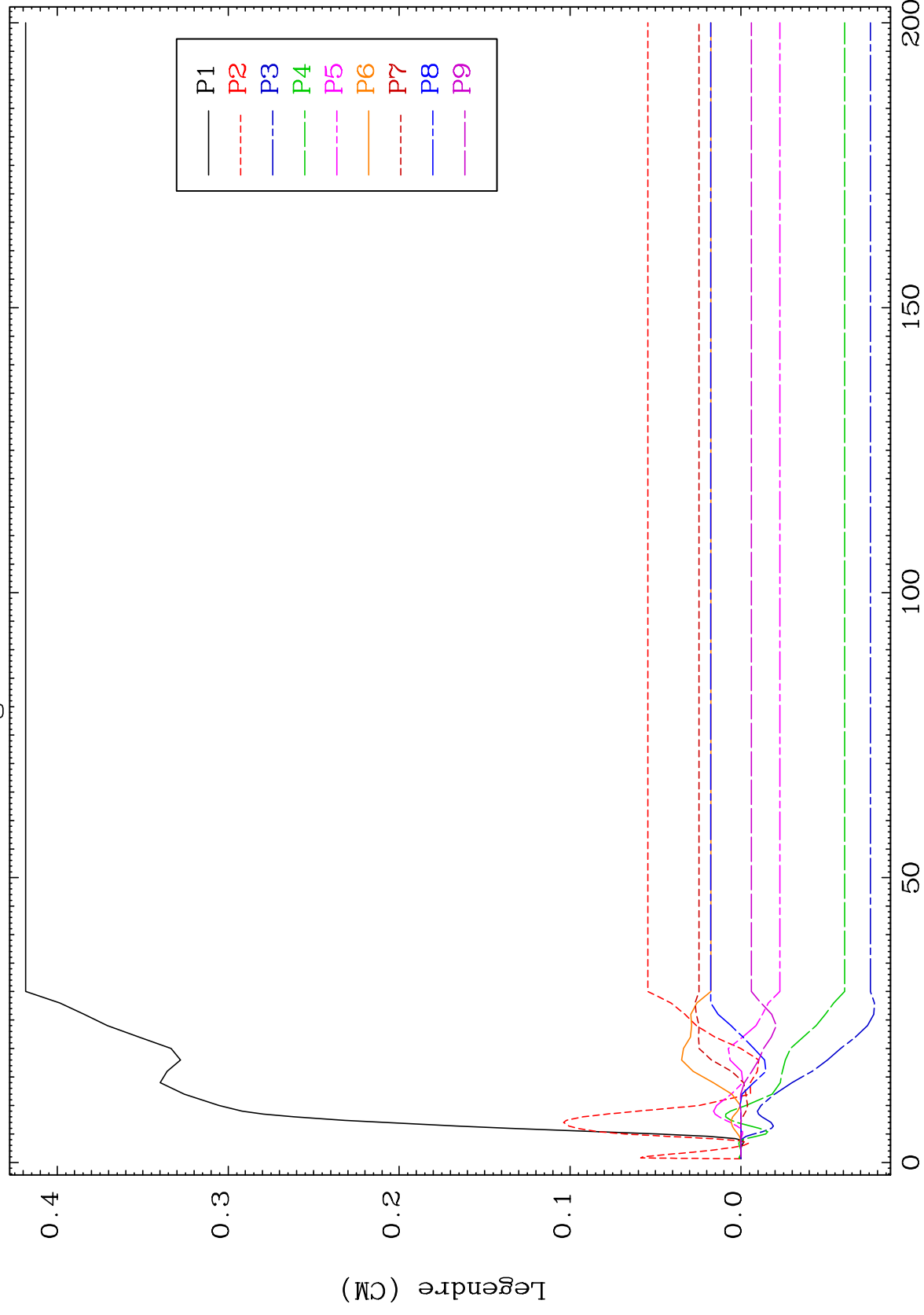




MAT 7155

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

71-Lu-185



65

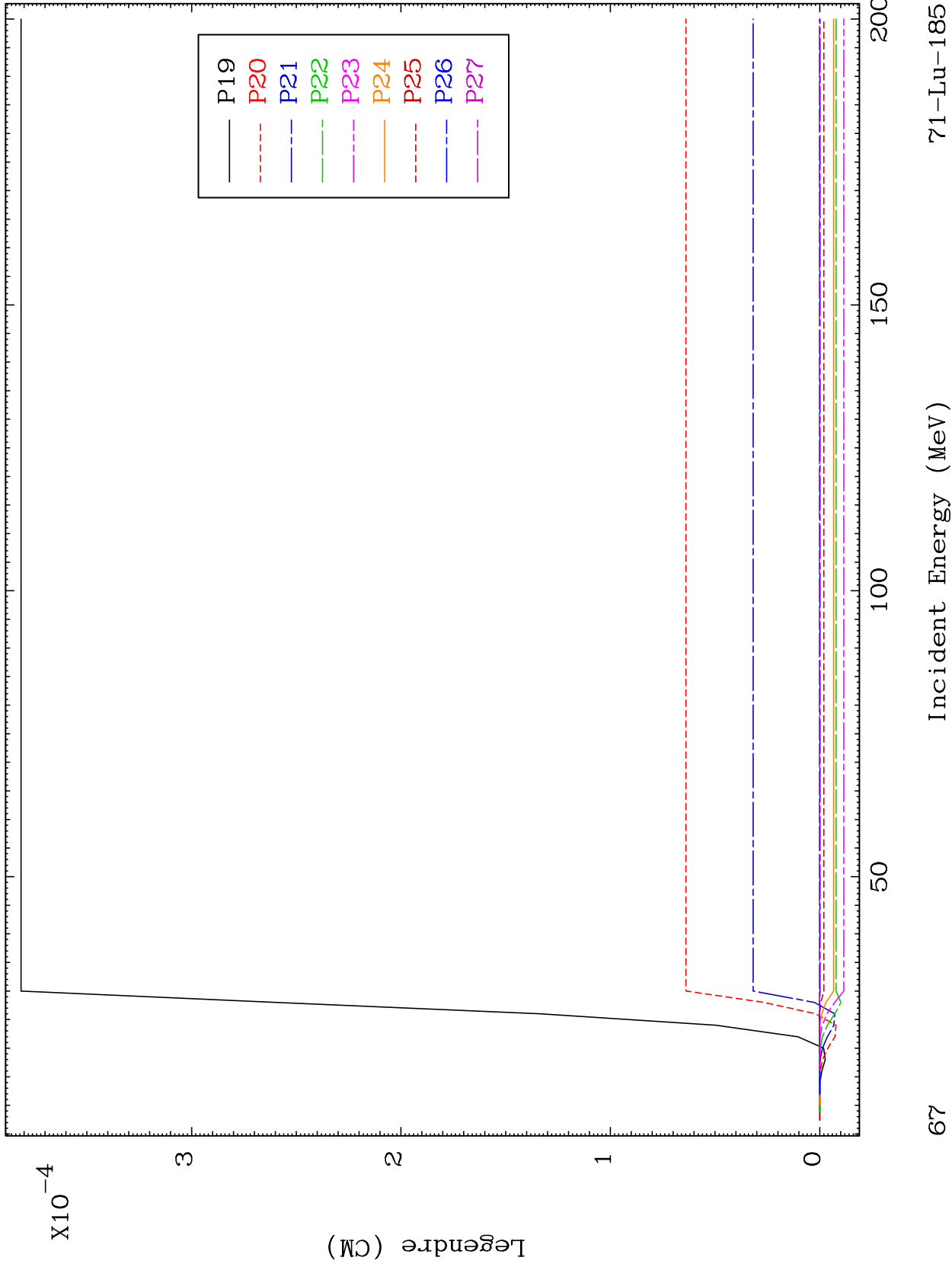
Incident Energy (MeV)

71-Lu-185

MAT 7155

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

71-Lu-185



67

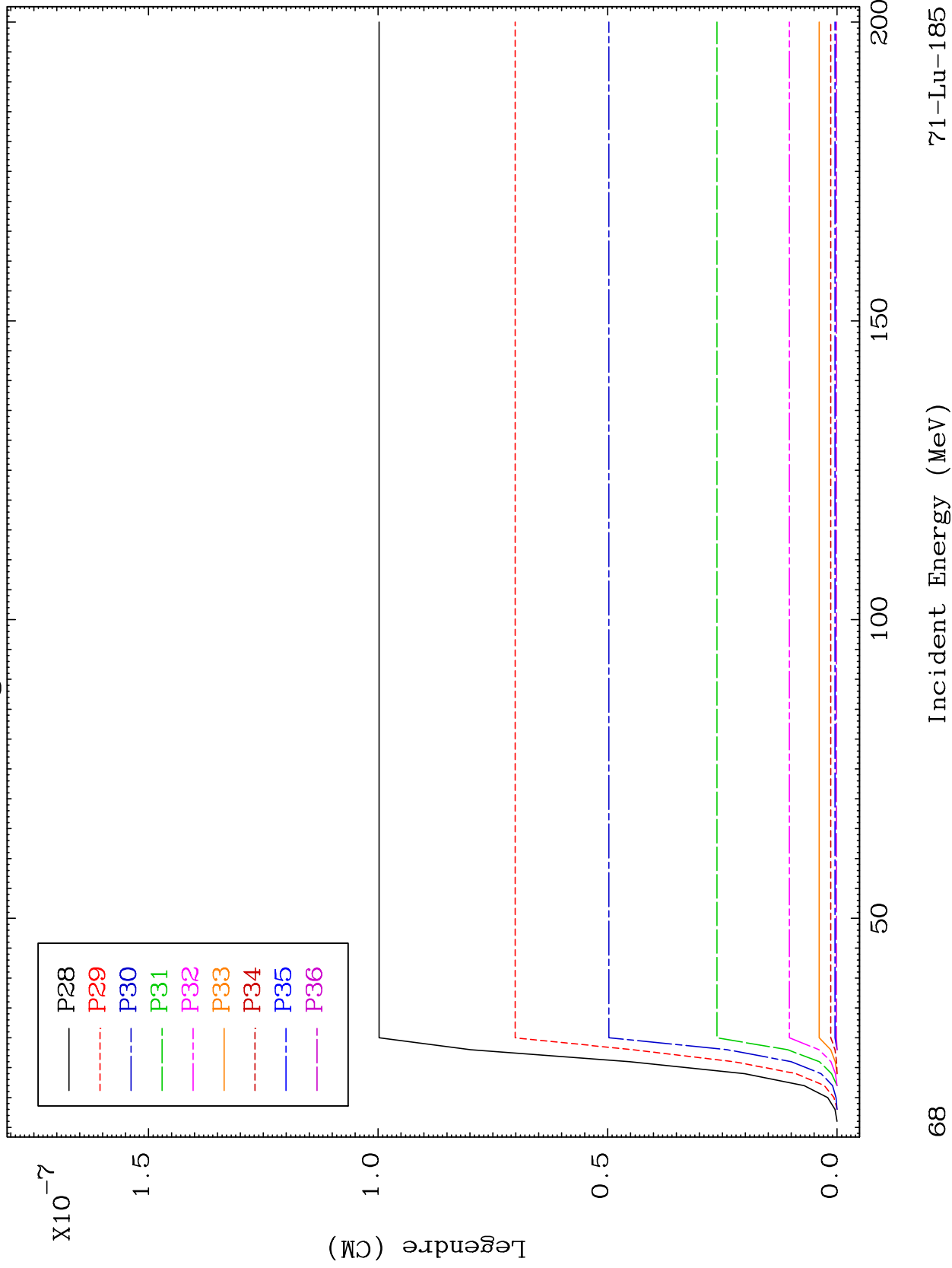
Incident Energy (MeV)

71-Lu-185

MAT 7155

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

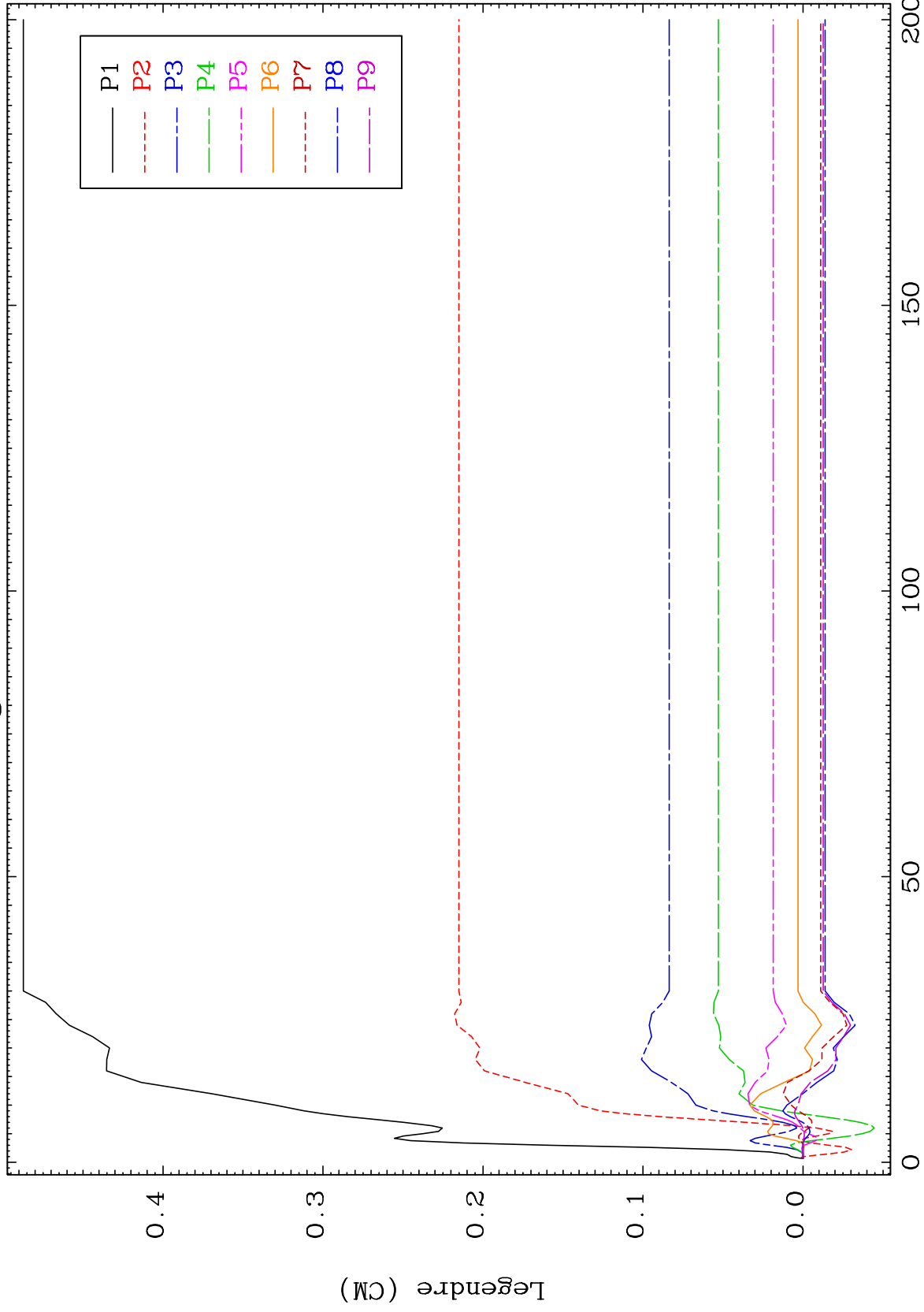
71-Lu-185



MAT 7155

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

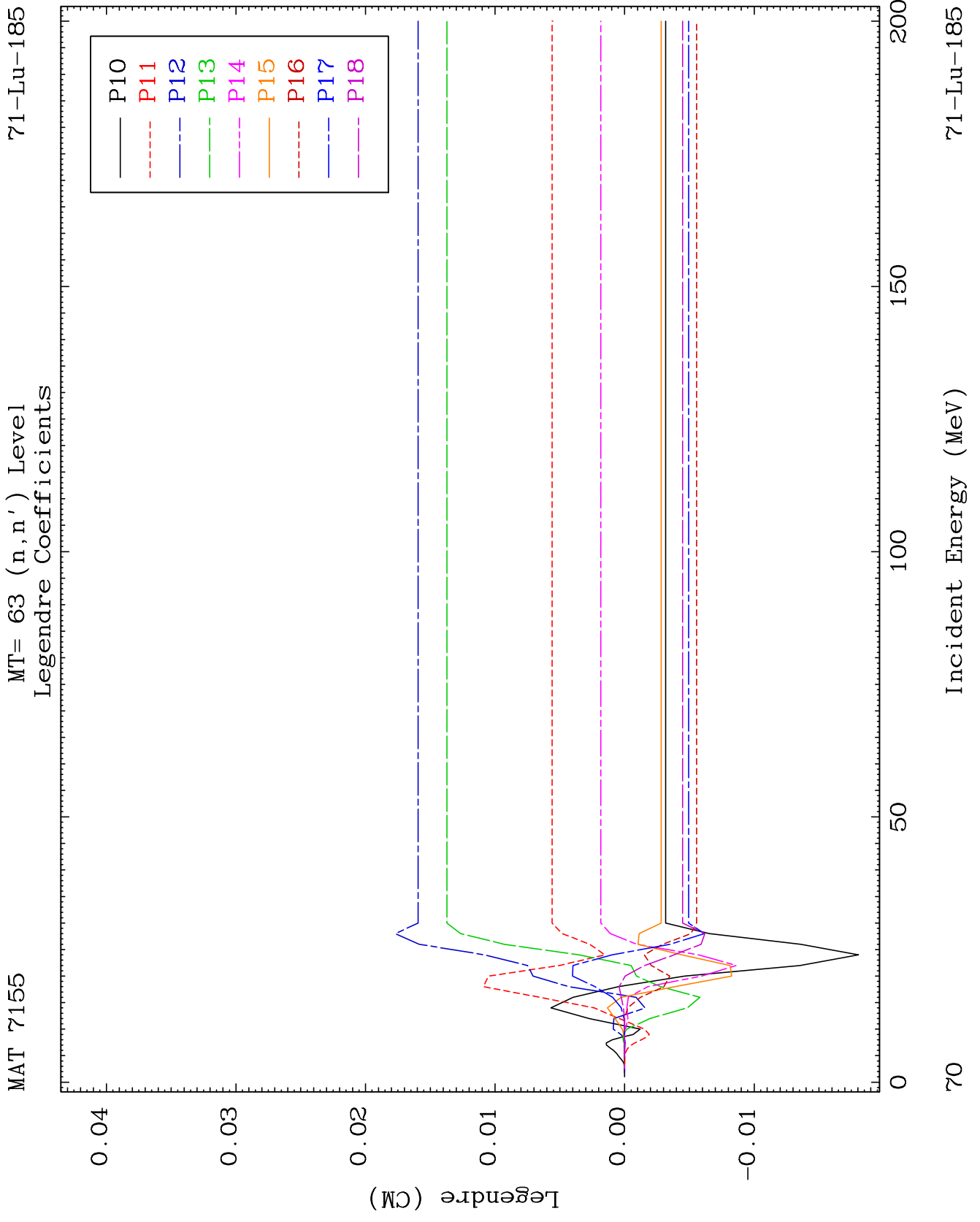
71-Lu-185

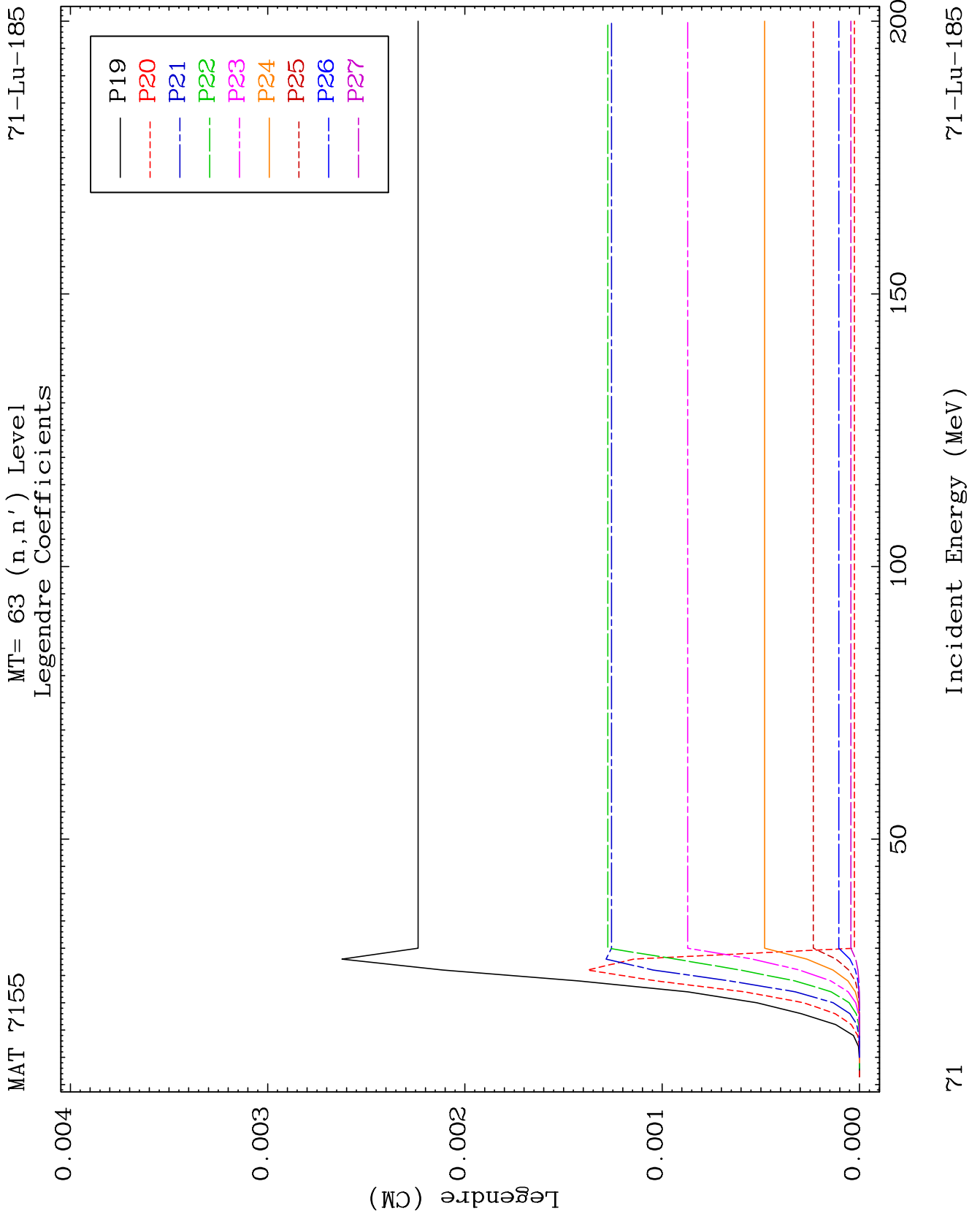


69

Incident Energy (MeV)

71-Lu-185

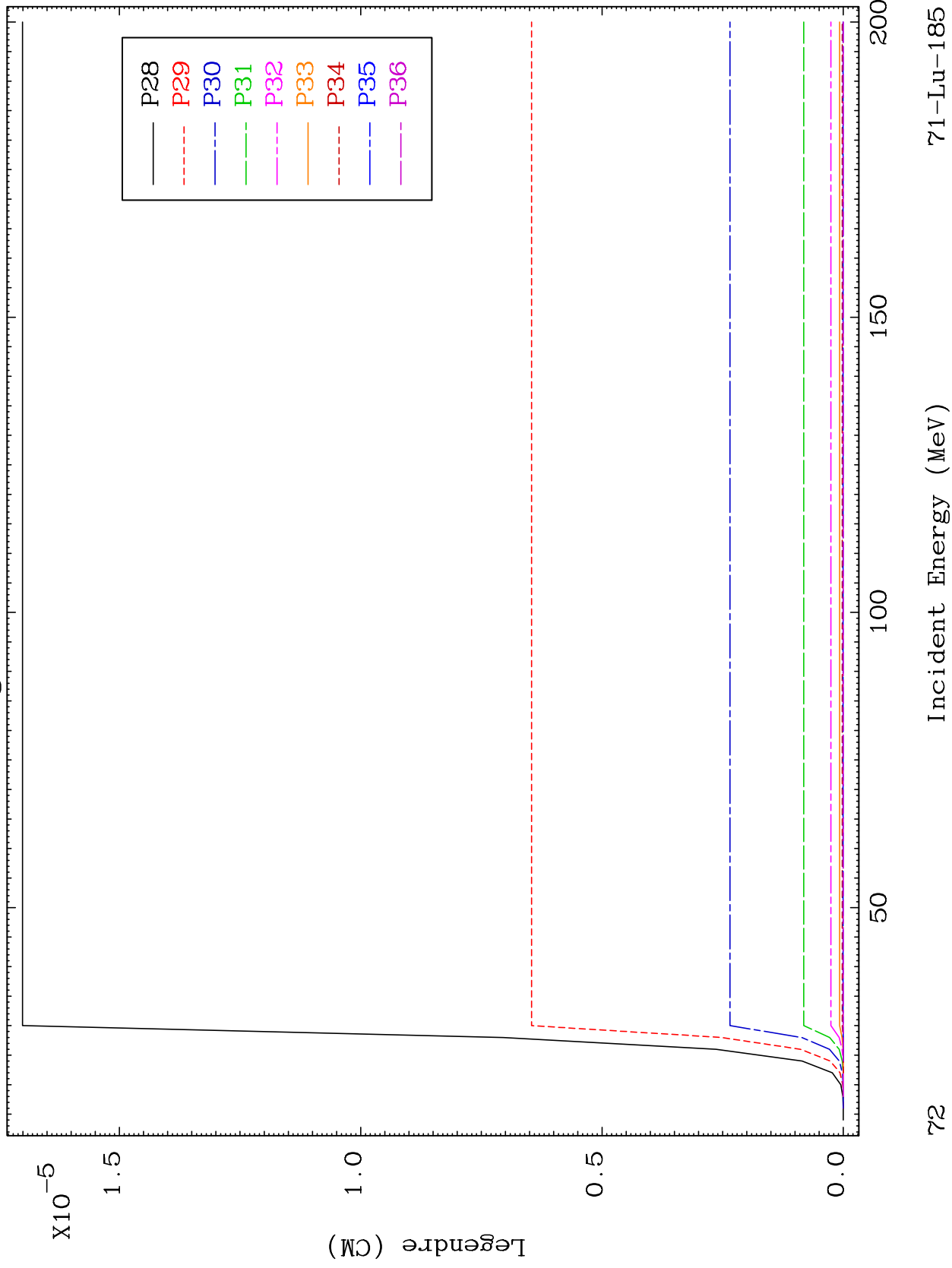




MAT 7155

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

71-Lu-185



72

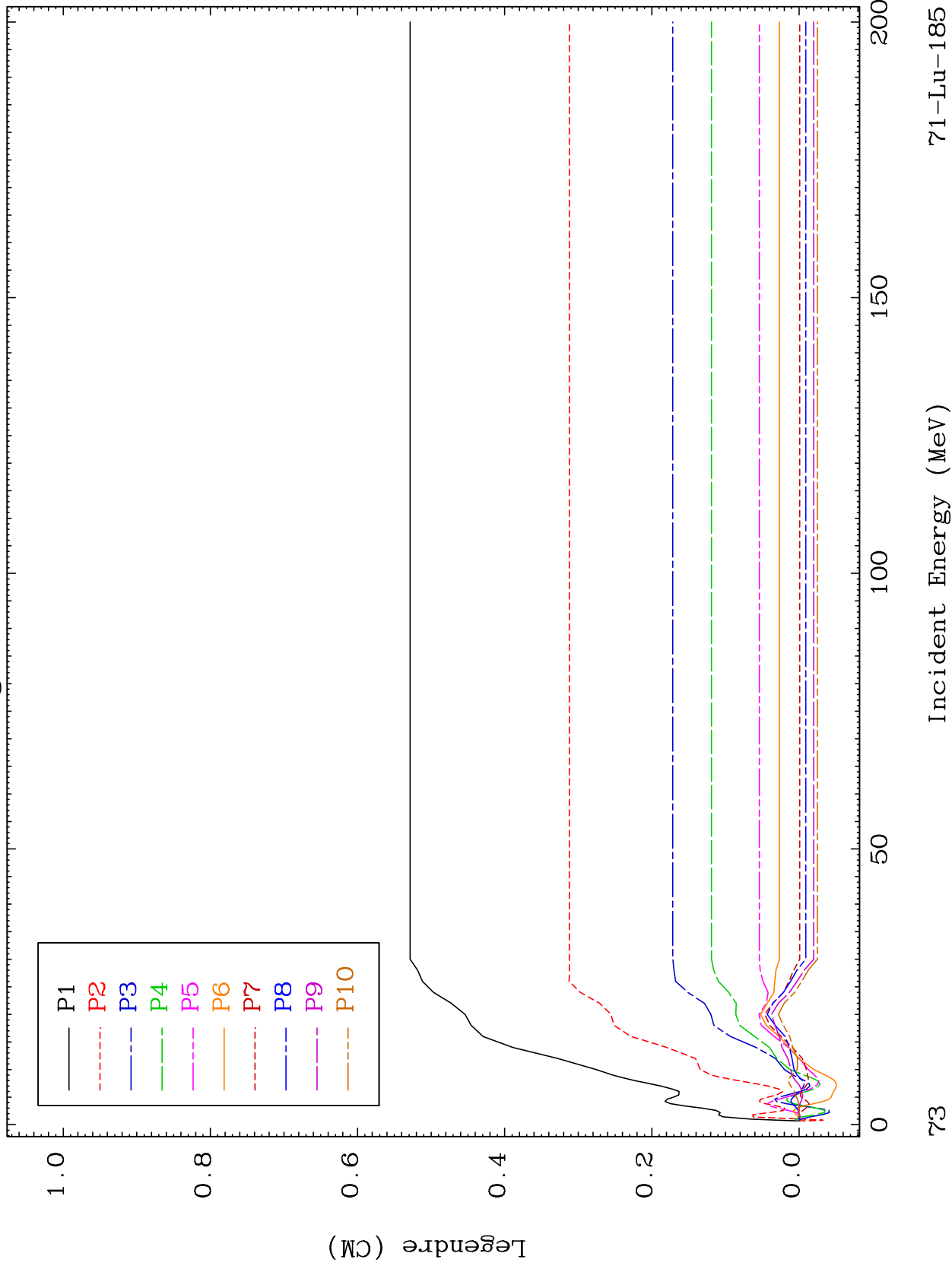
Incident Energy (MeV)

71-Lu-185

MAT 7155

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

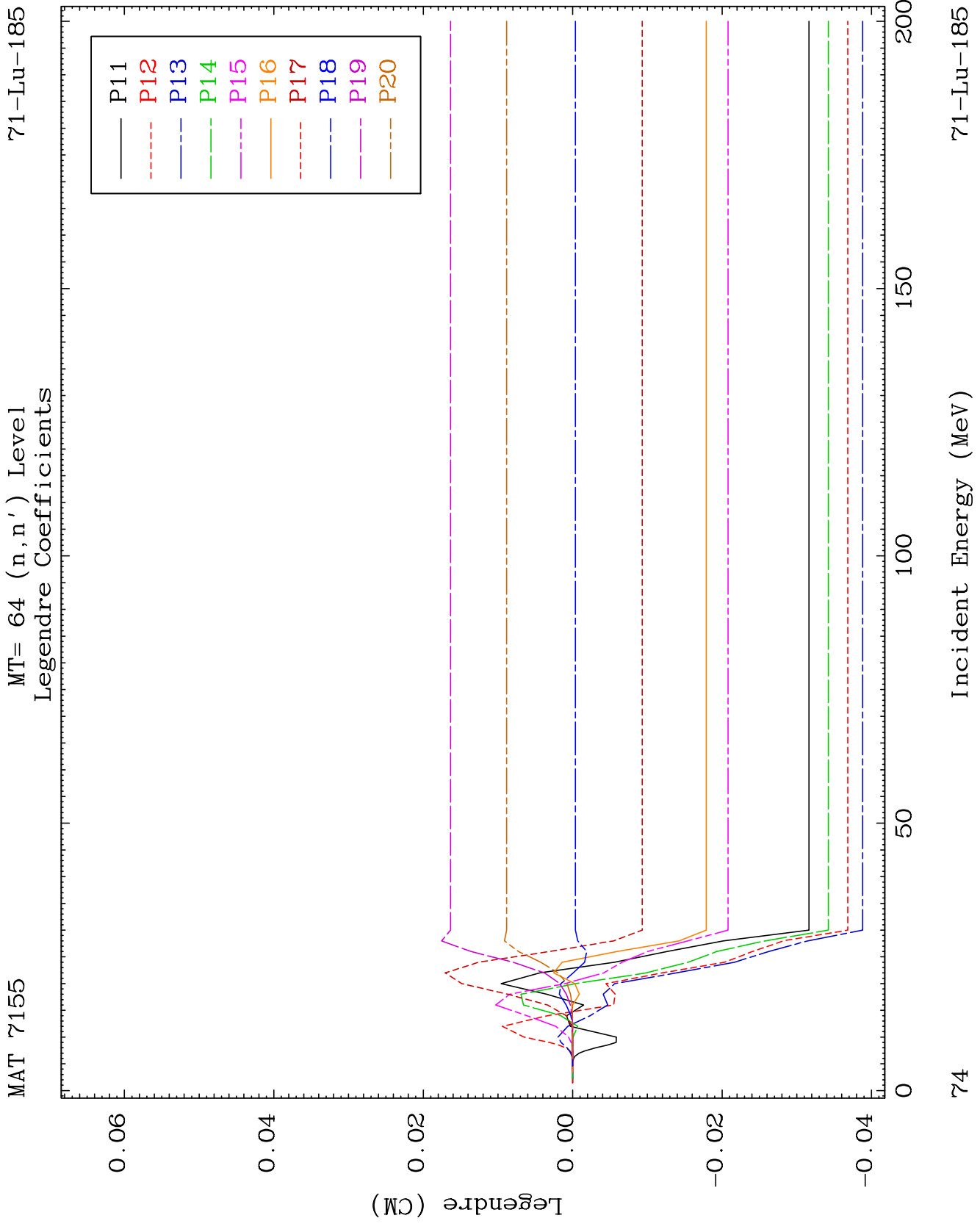
71-Lu-185



73

Incident Energy (MeV)

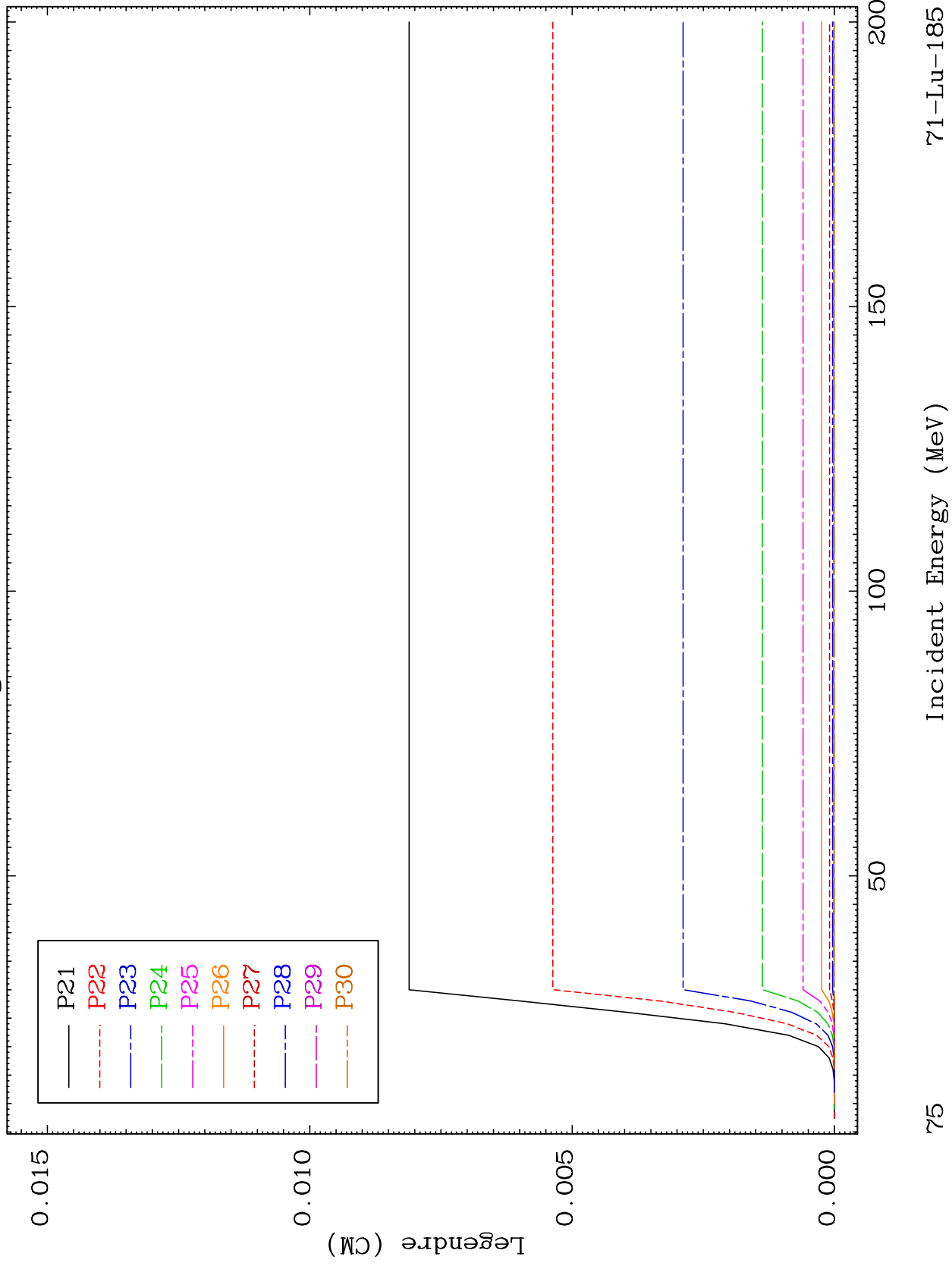
71-Lu-185



MAT 7155

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

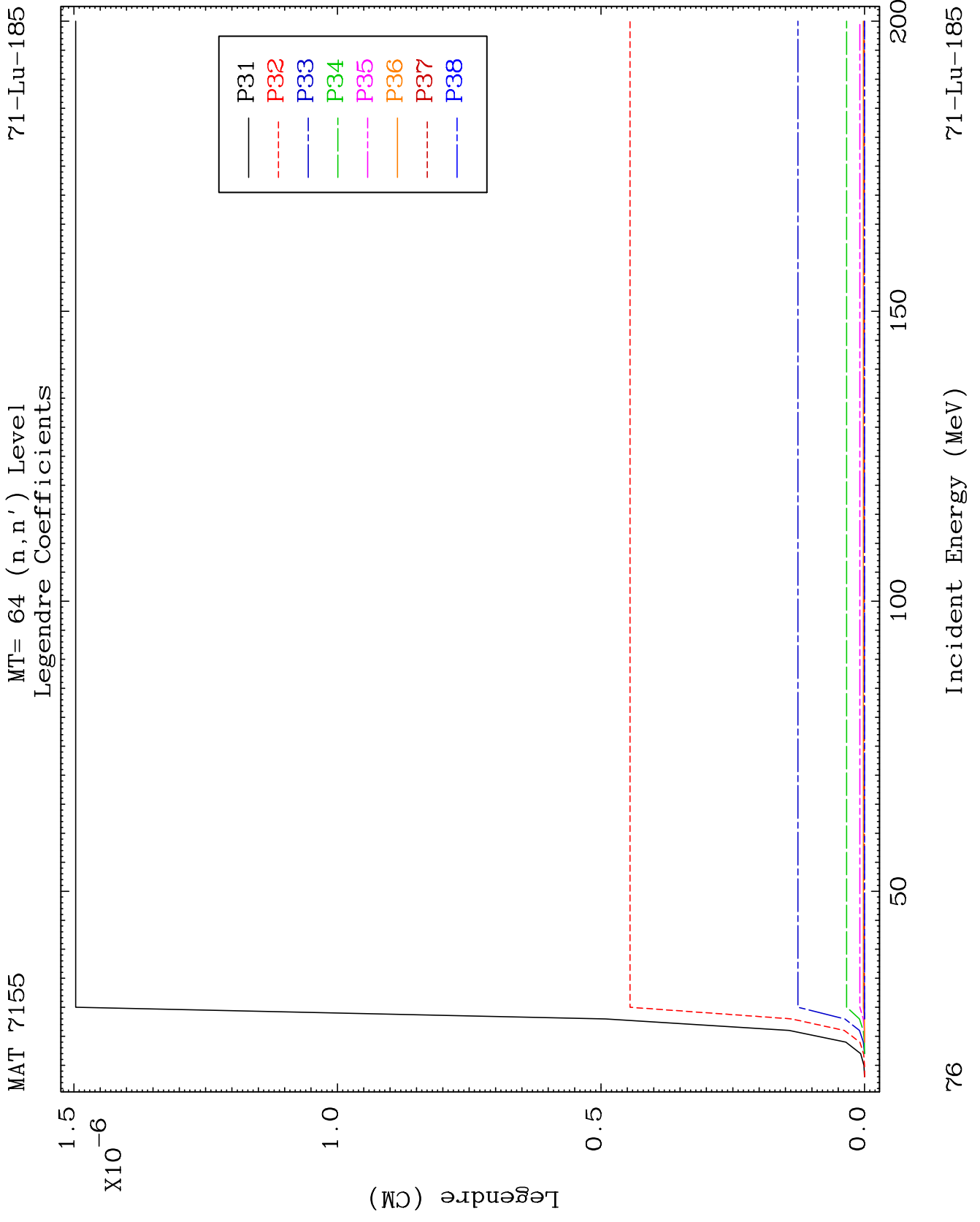
71-Lu-185



75

Incident Energy (MeV)

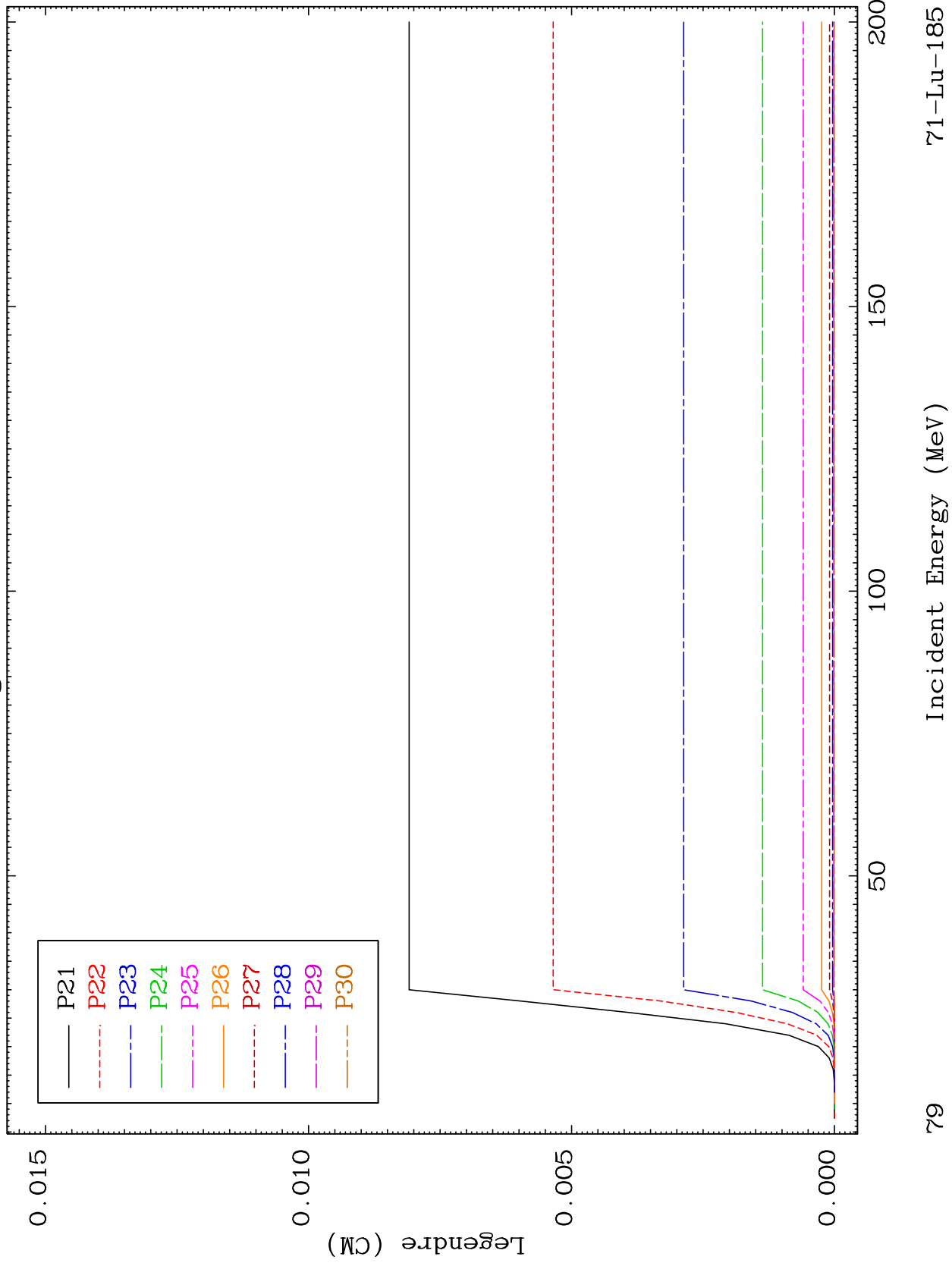
71-Lu-185



MAT 7155

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

71-Lu-185



79

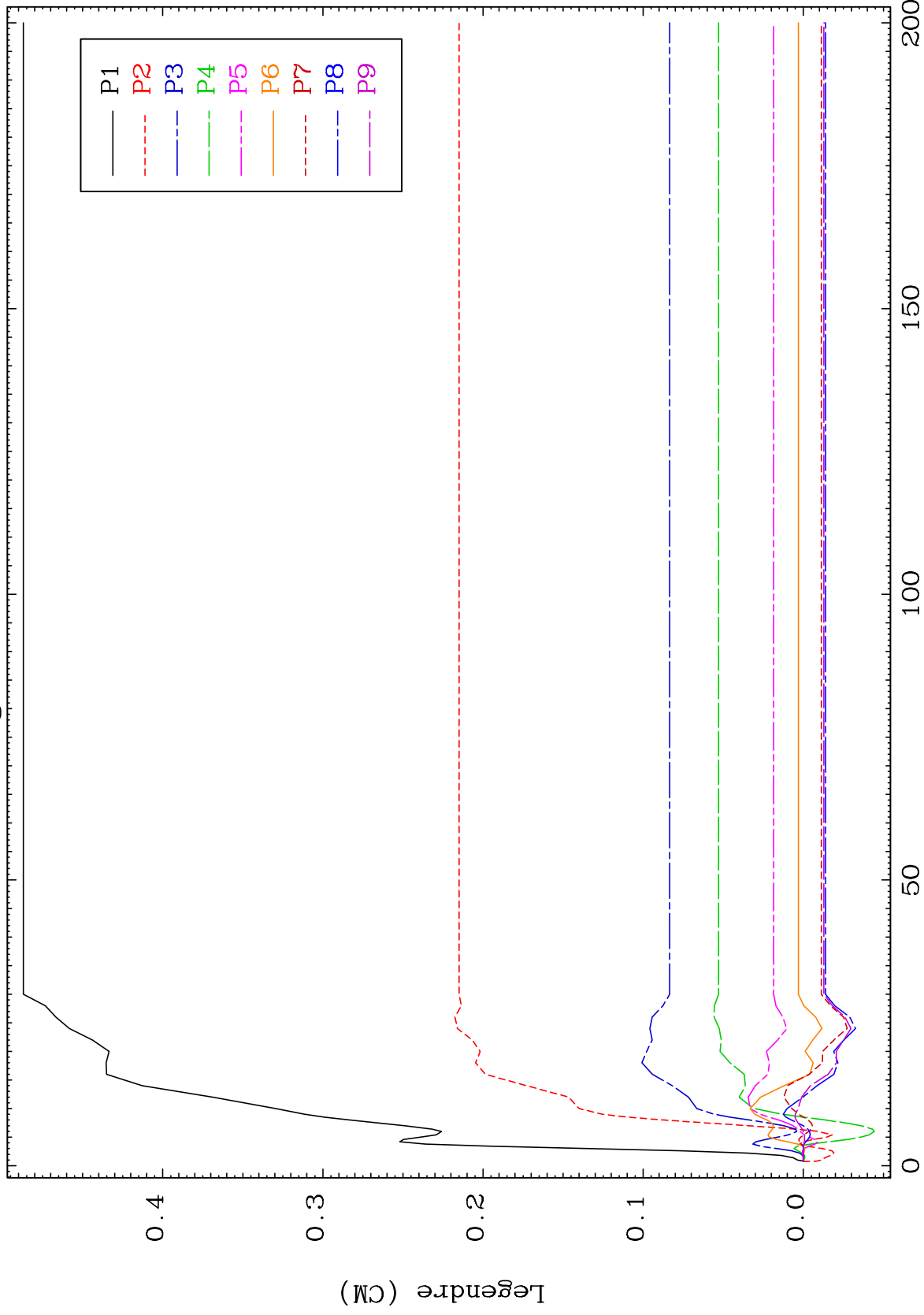
Incident Energy (MeV)

71-Lu-185

MAT 7155

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

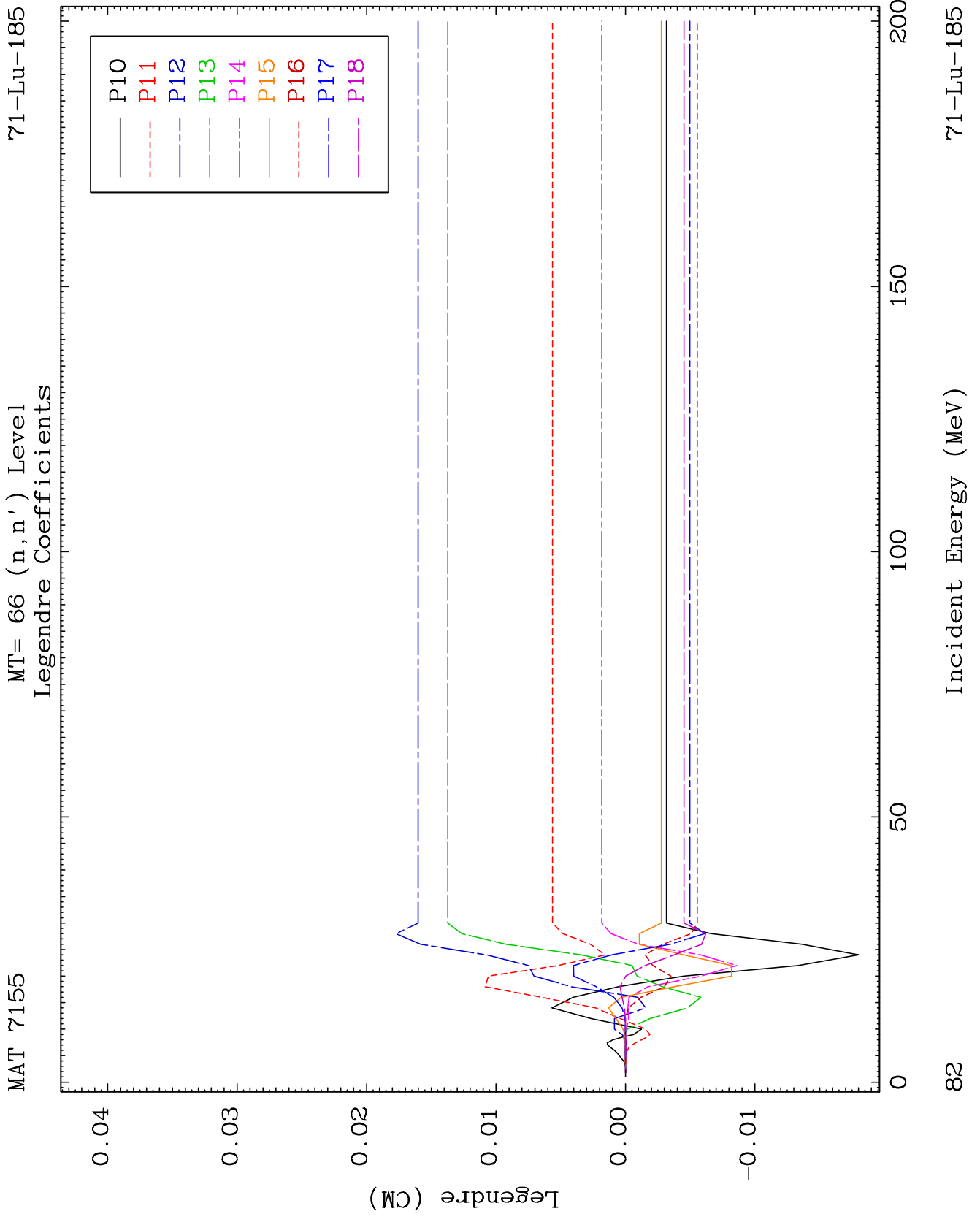
71-Lu-185



71-Lu-185

Incident Energy (MeV)

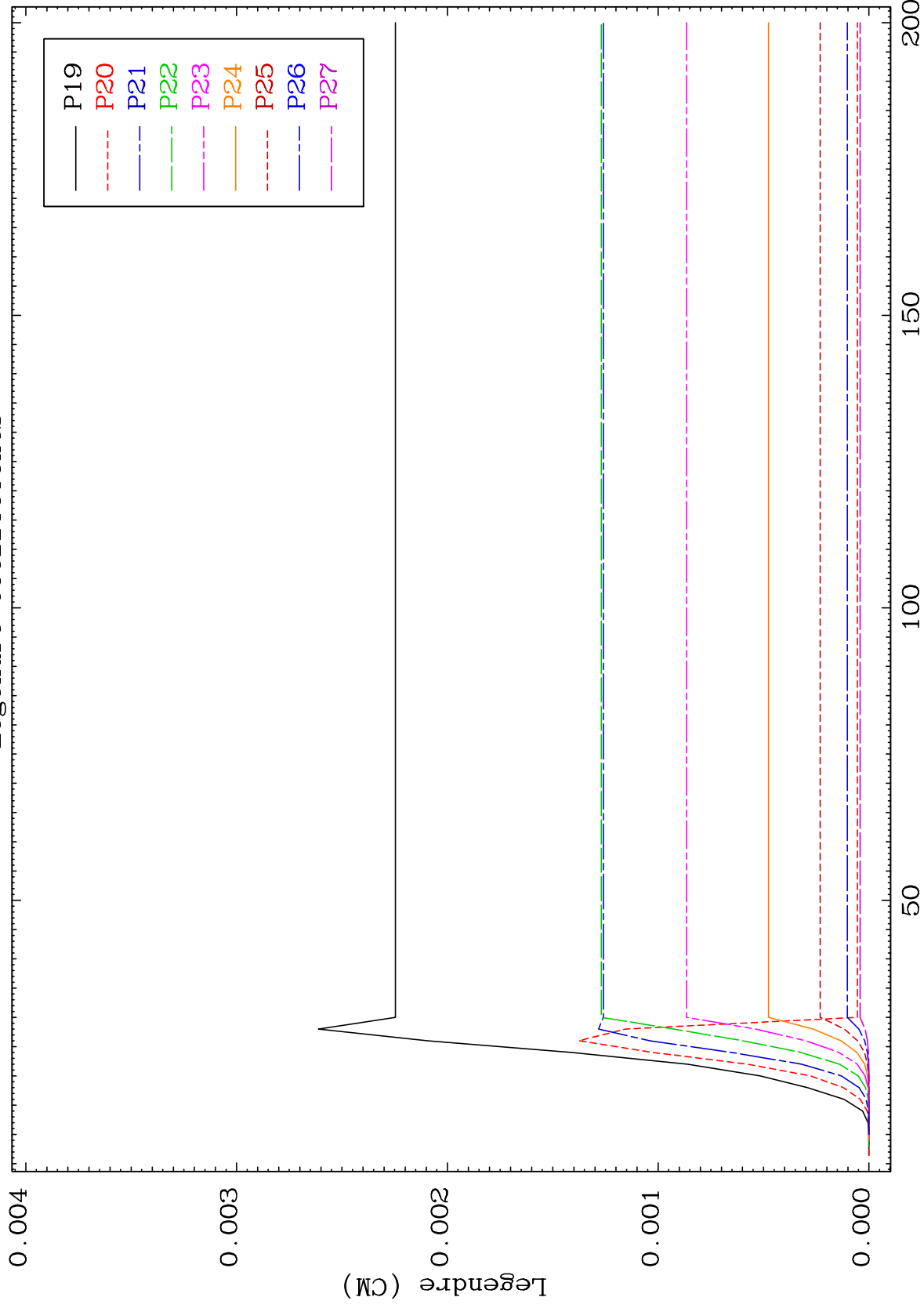
81



MAT 7155

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

71-Lu-185



83

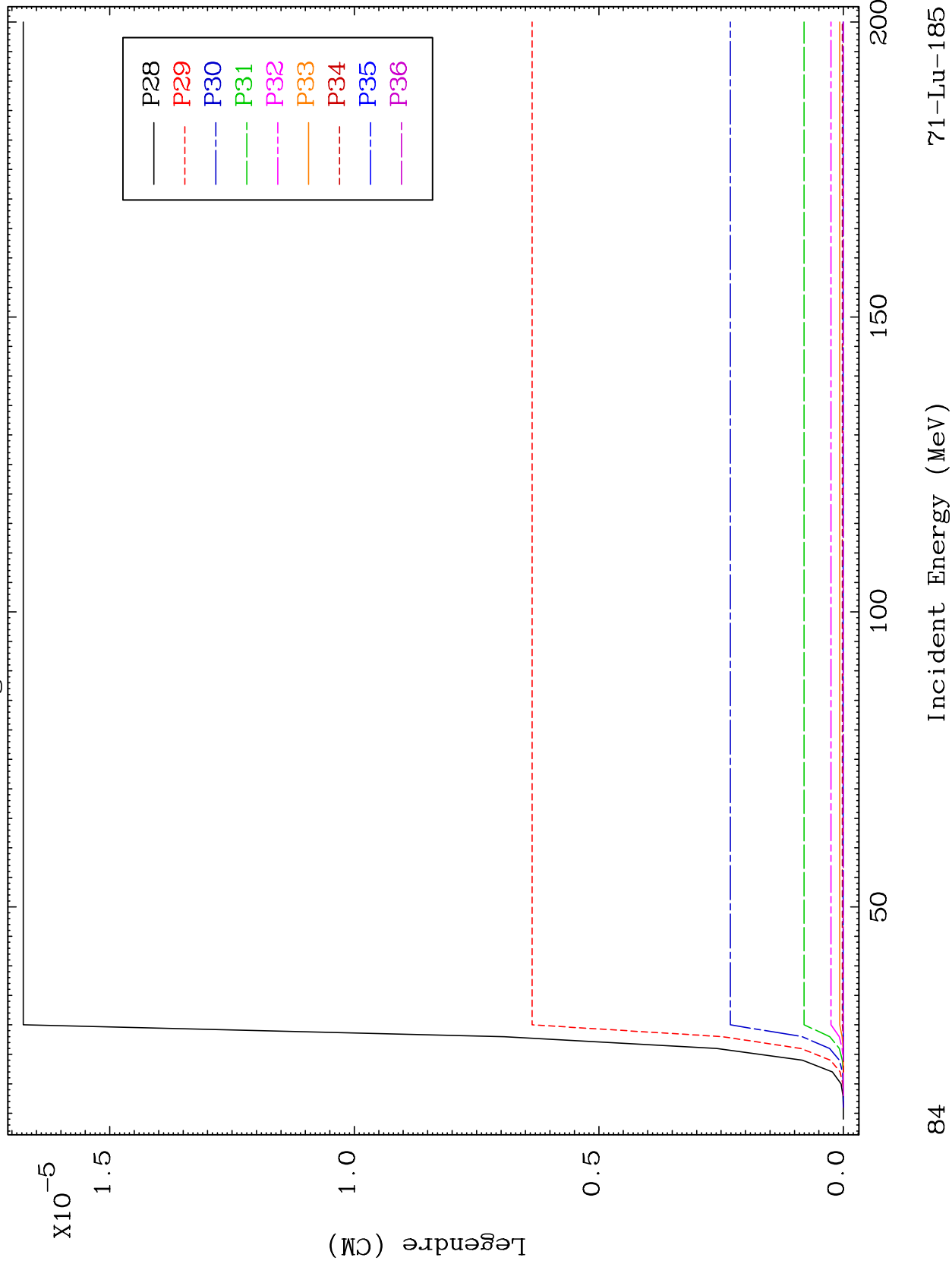
Incident Energy (MeV)

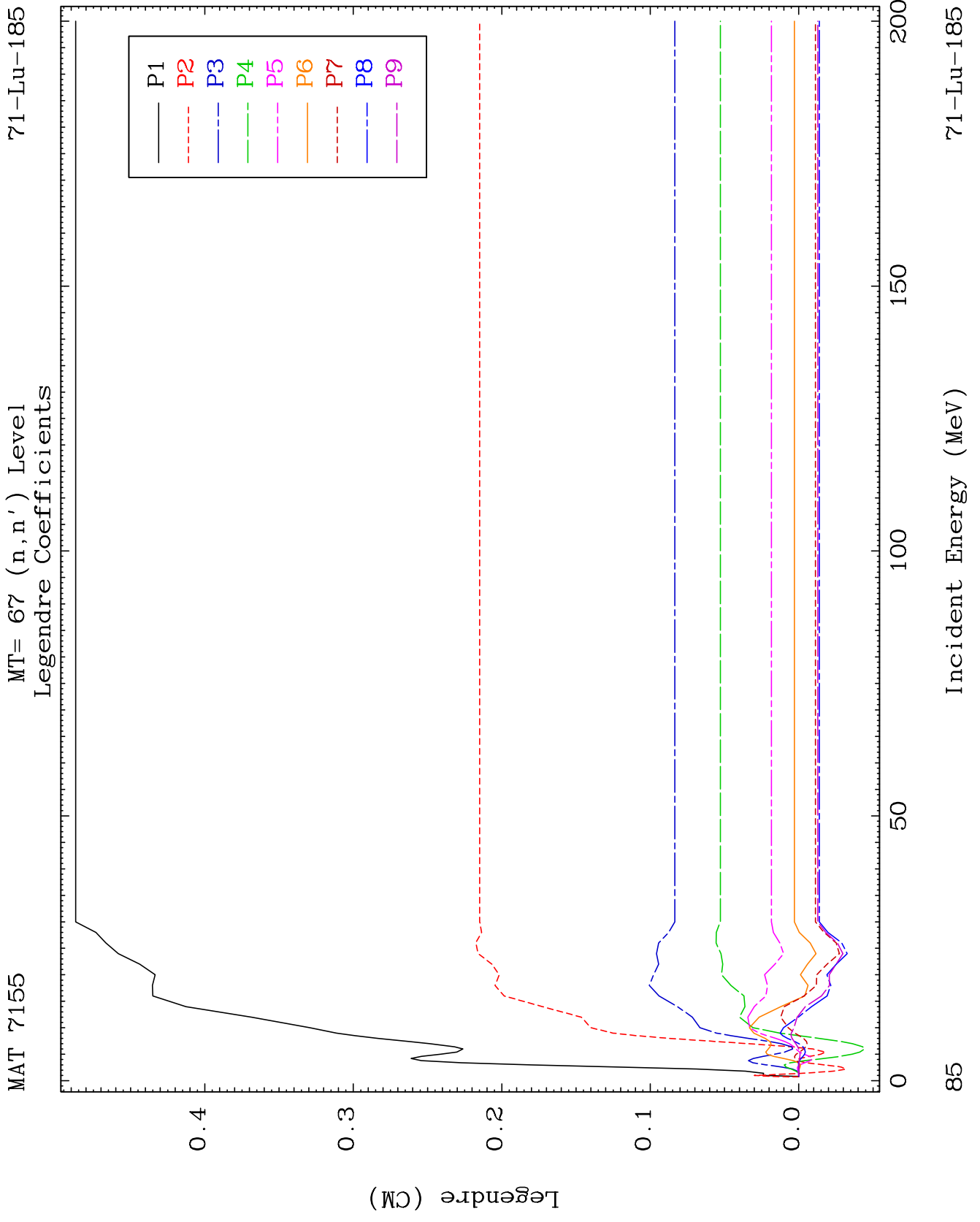
71-Lu-185

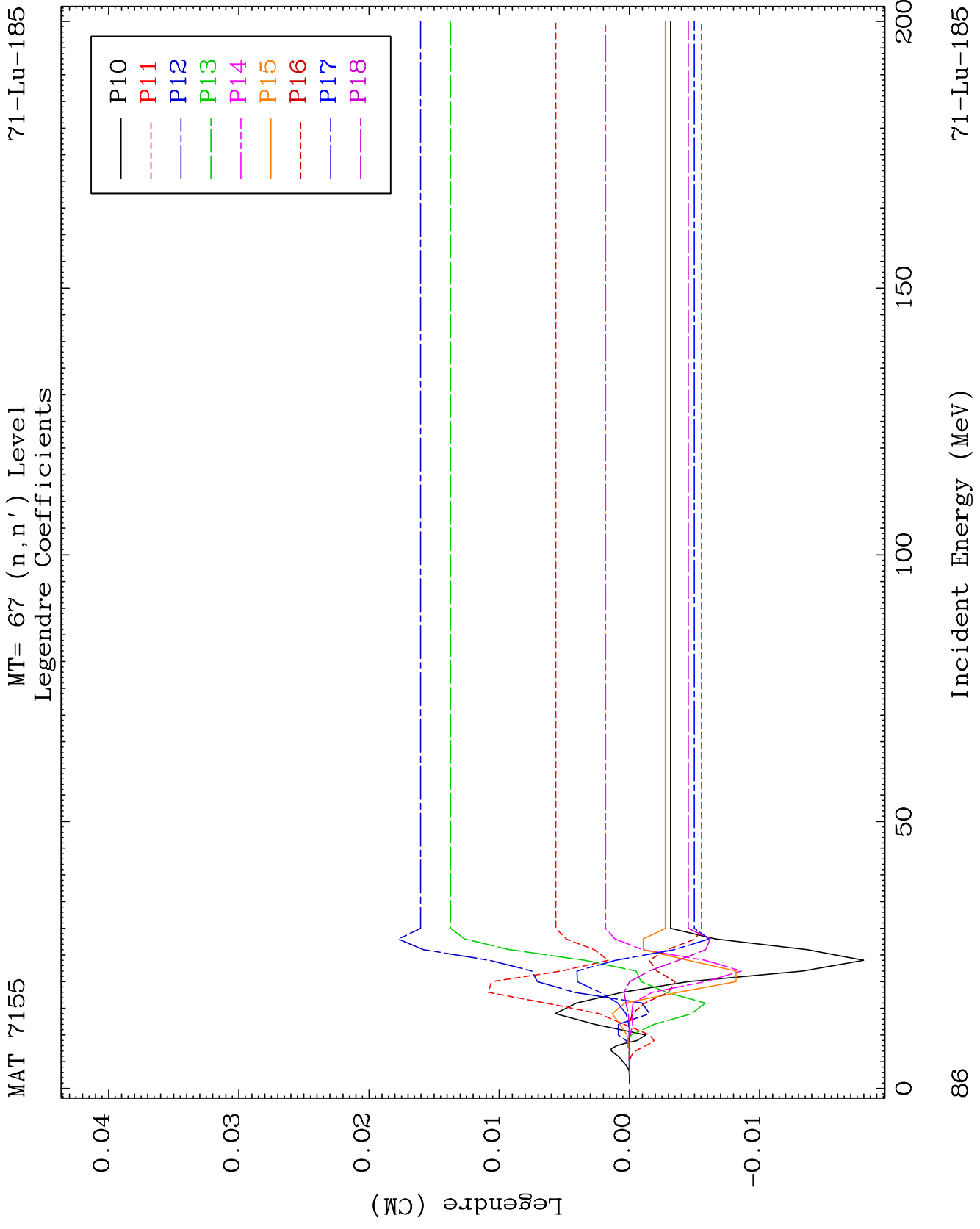
MAT 7155

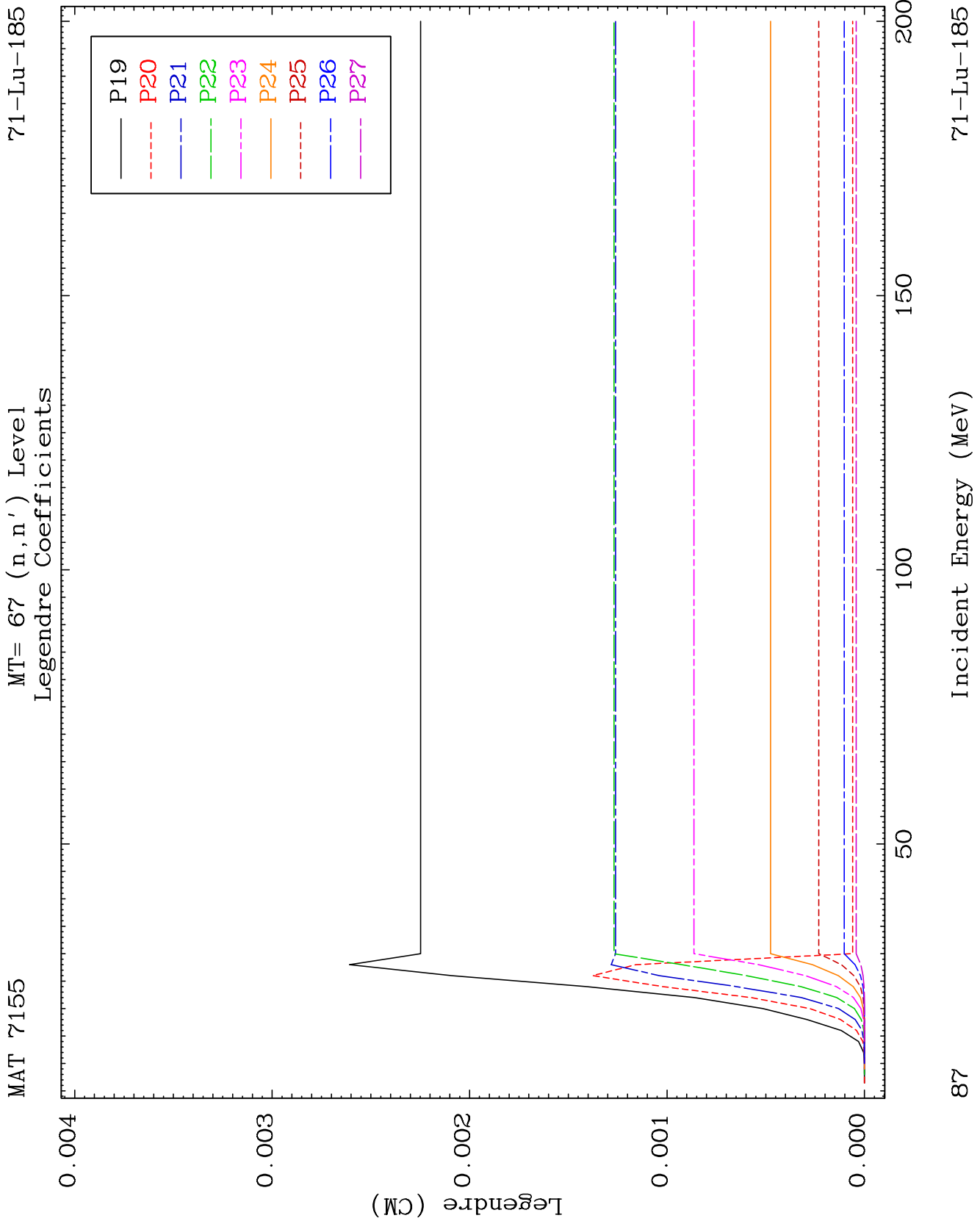
MT= 66 (n,n') Level
Legendre Coefficients

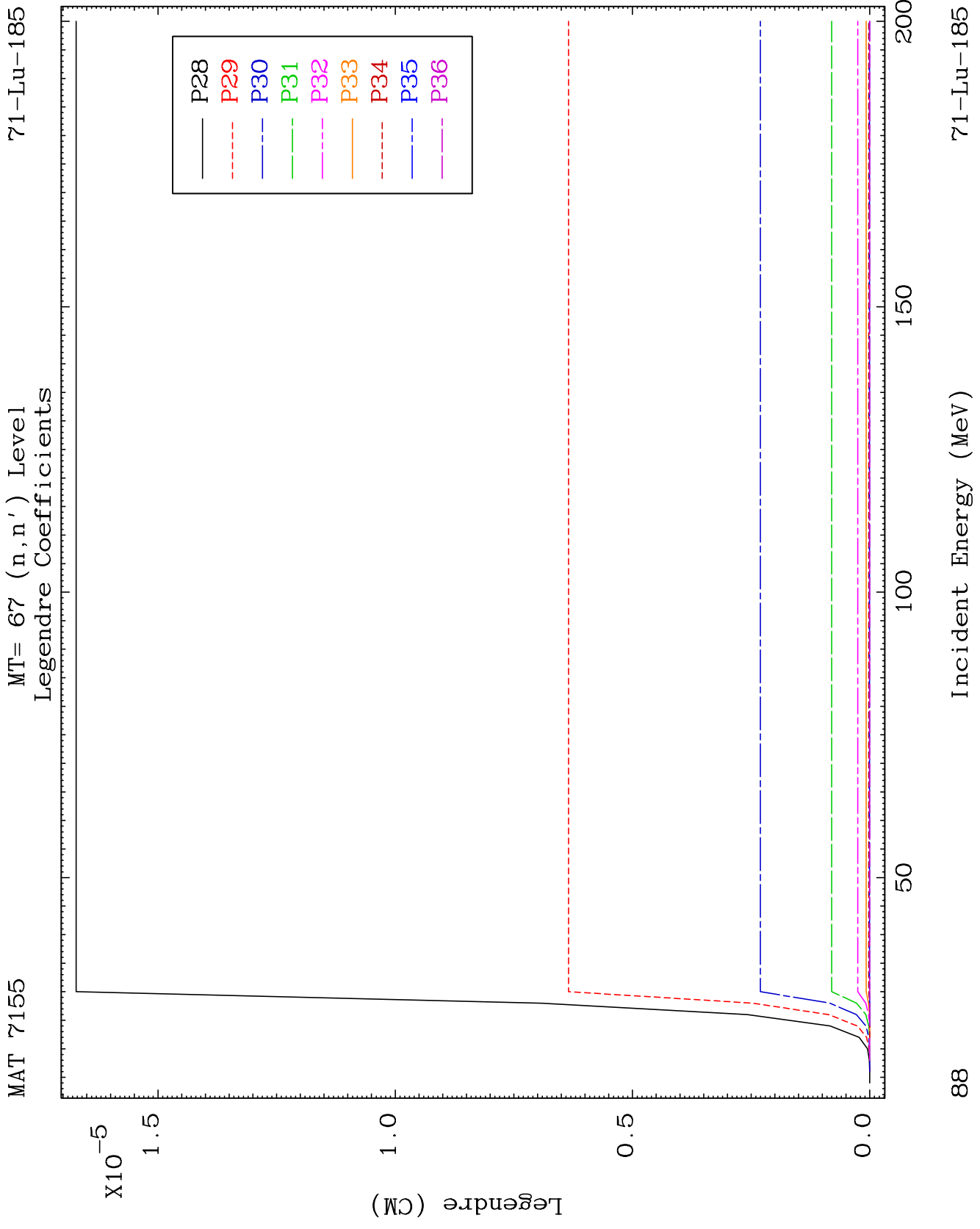
71-Lu-185







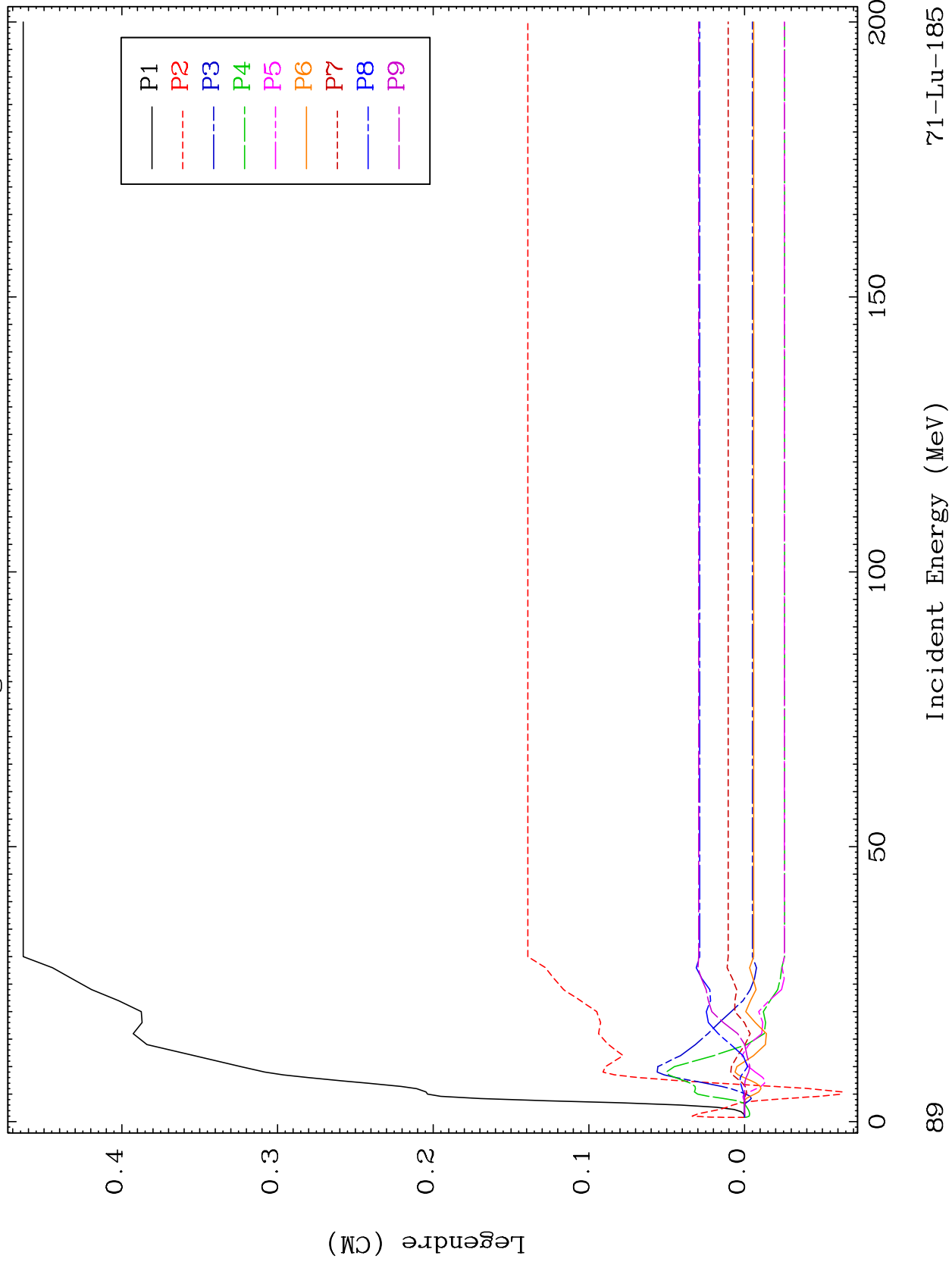




MAT 7155

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

71-Lu-185



71-Lu-185

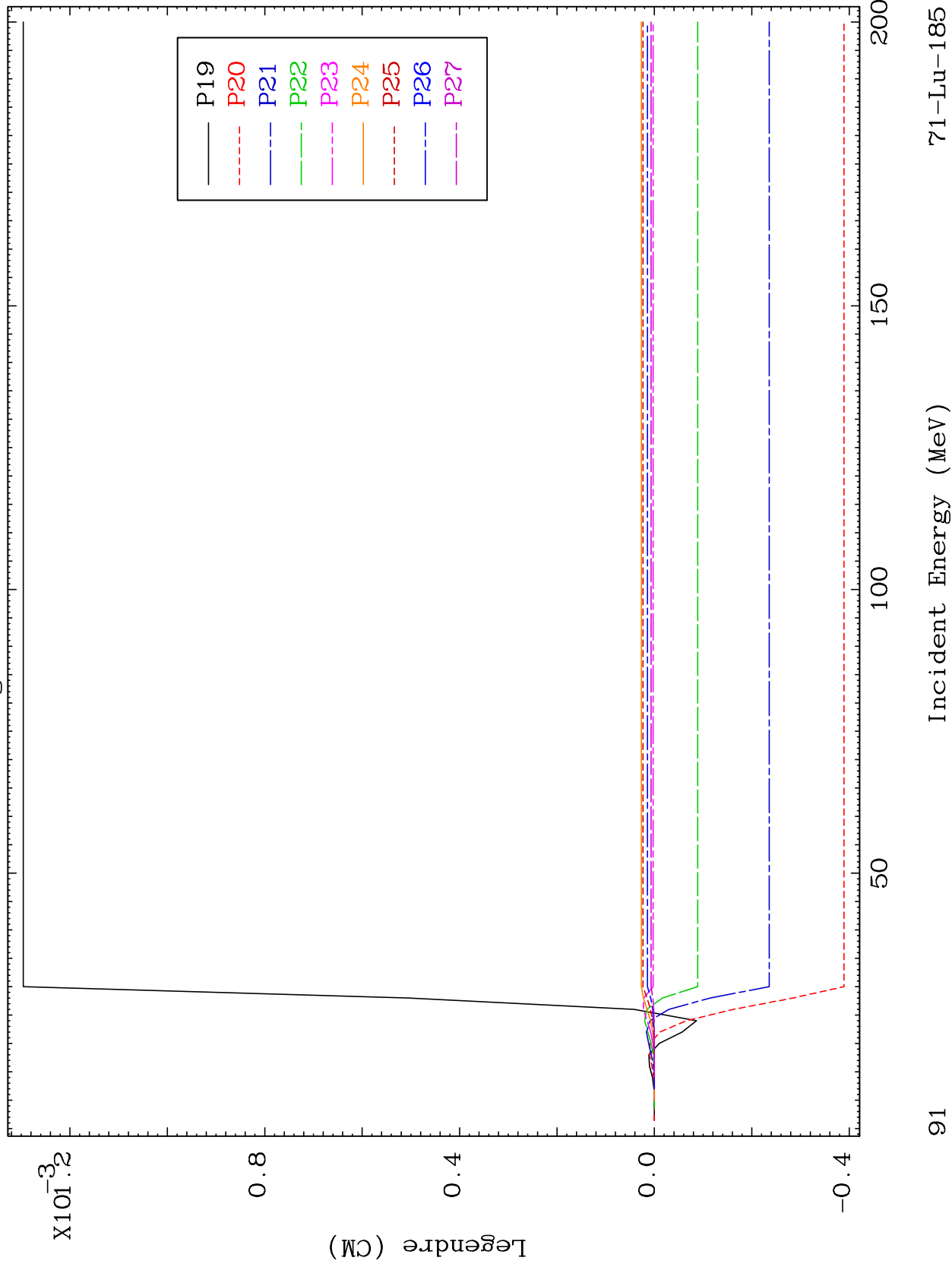
Incident Energy (MeV)

89

MAT 7155

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

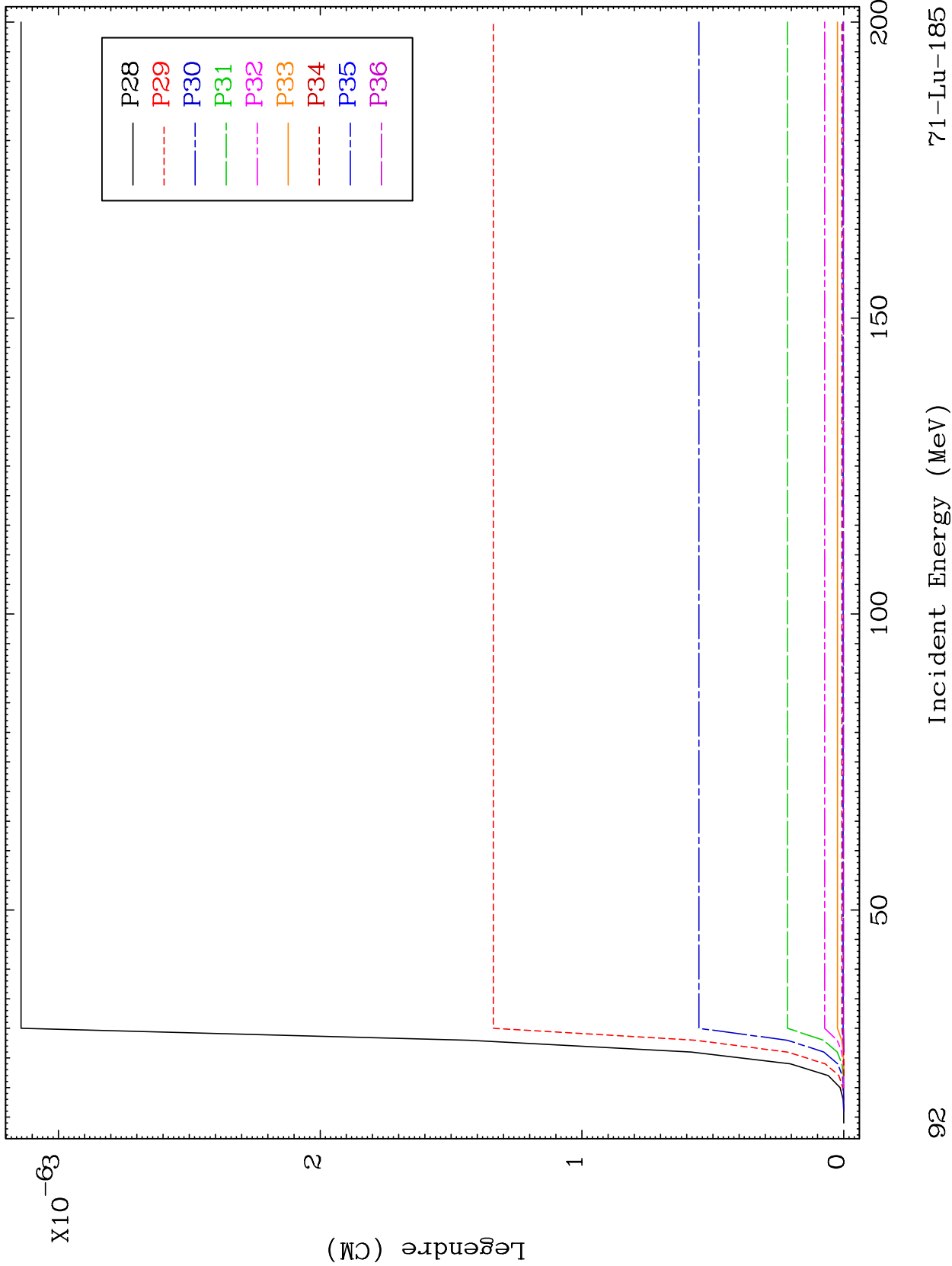
71-Lu-185



MAT 7155

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

71-Lu-185



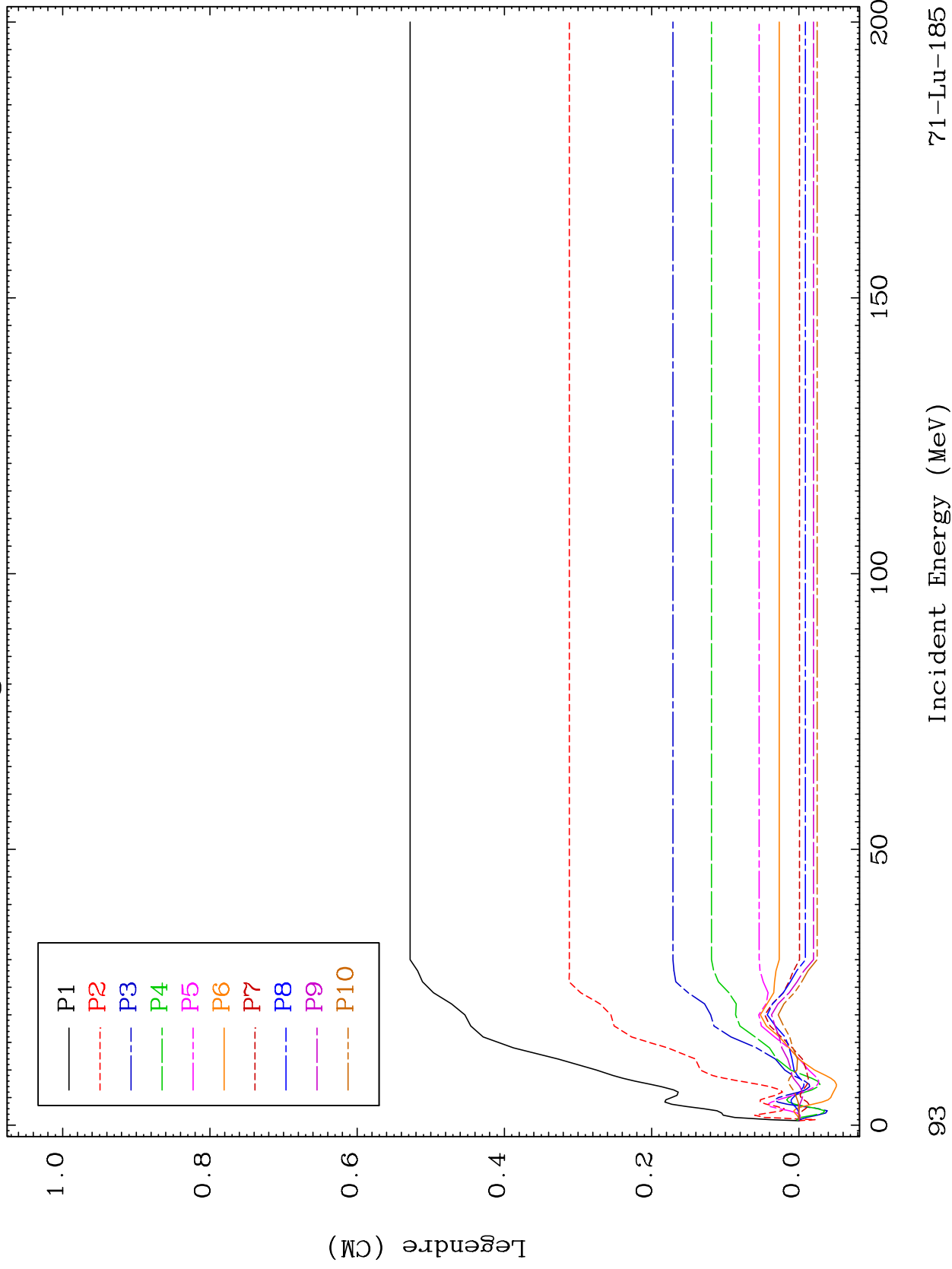
92

71-Lu-185

MAT 7155

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

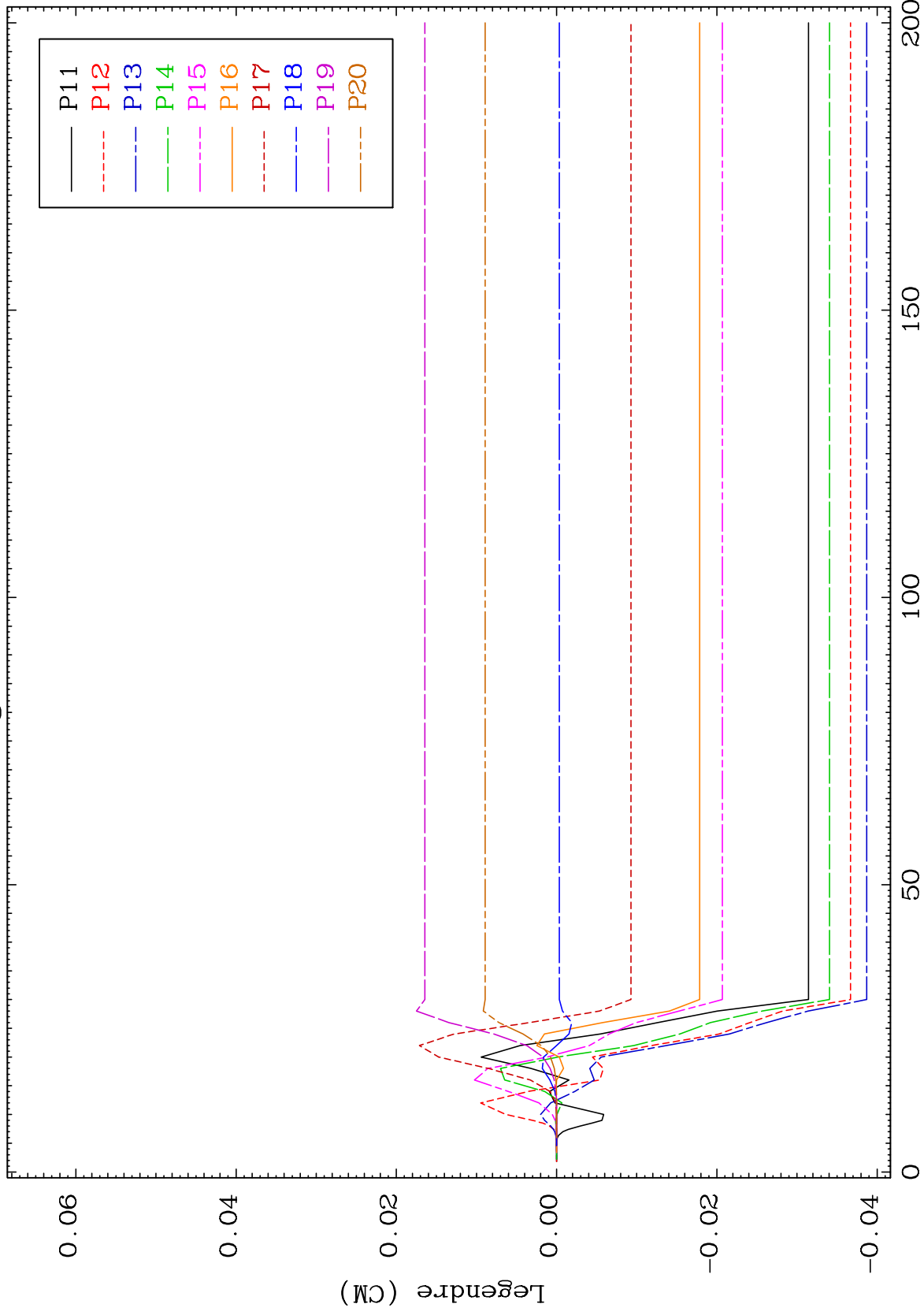
71-Lu-185



MAT 7155

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

71-Lu-185



94

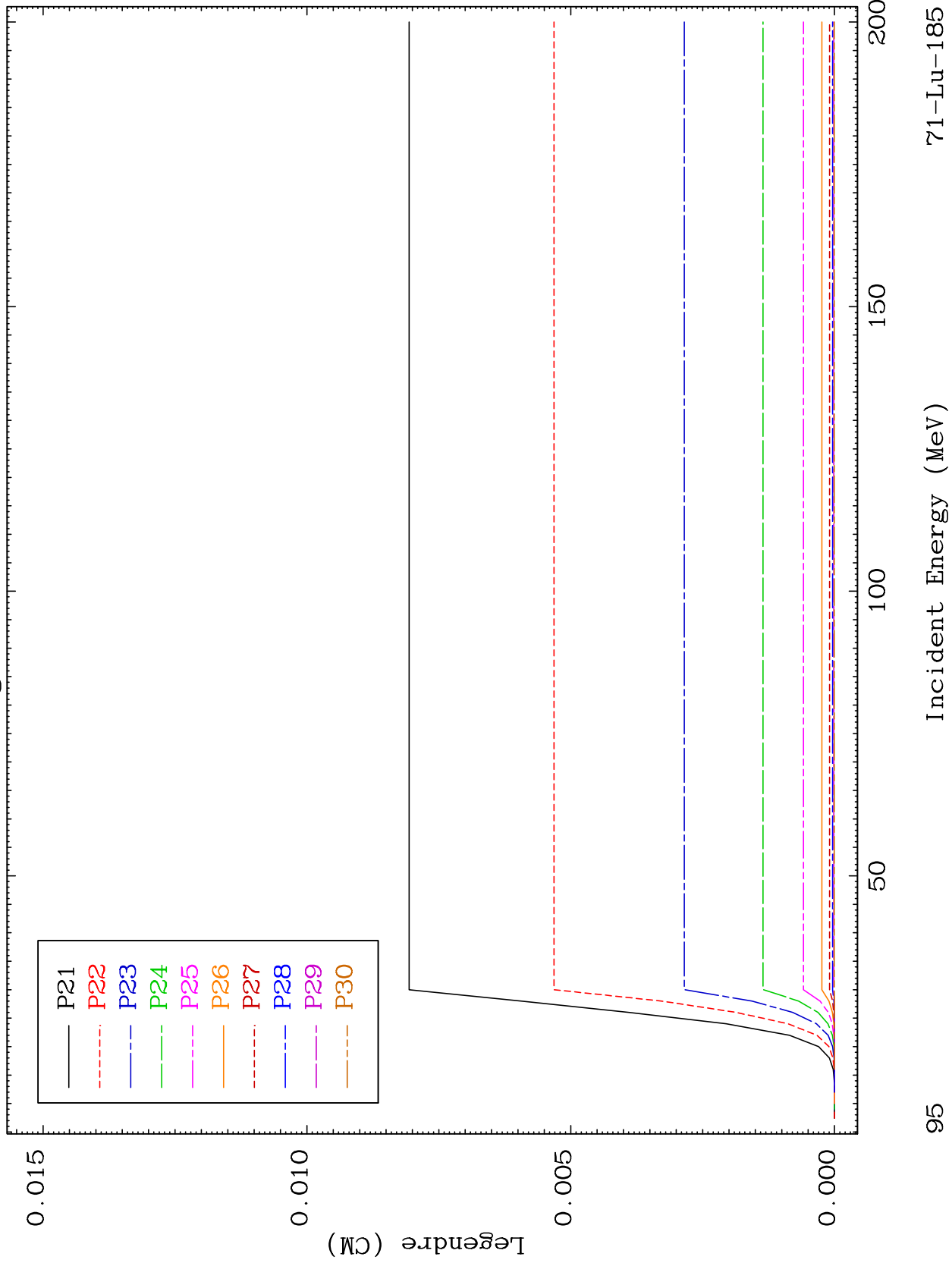
Incident Energy (MeV)

71-Lu-185

MAT 7155

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

71-Lu-185



95

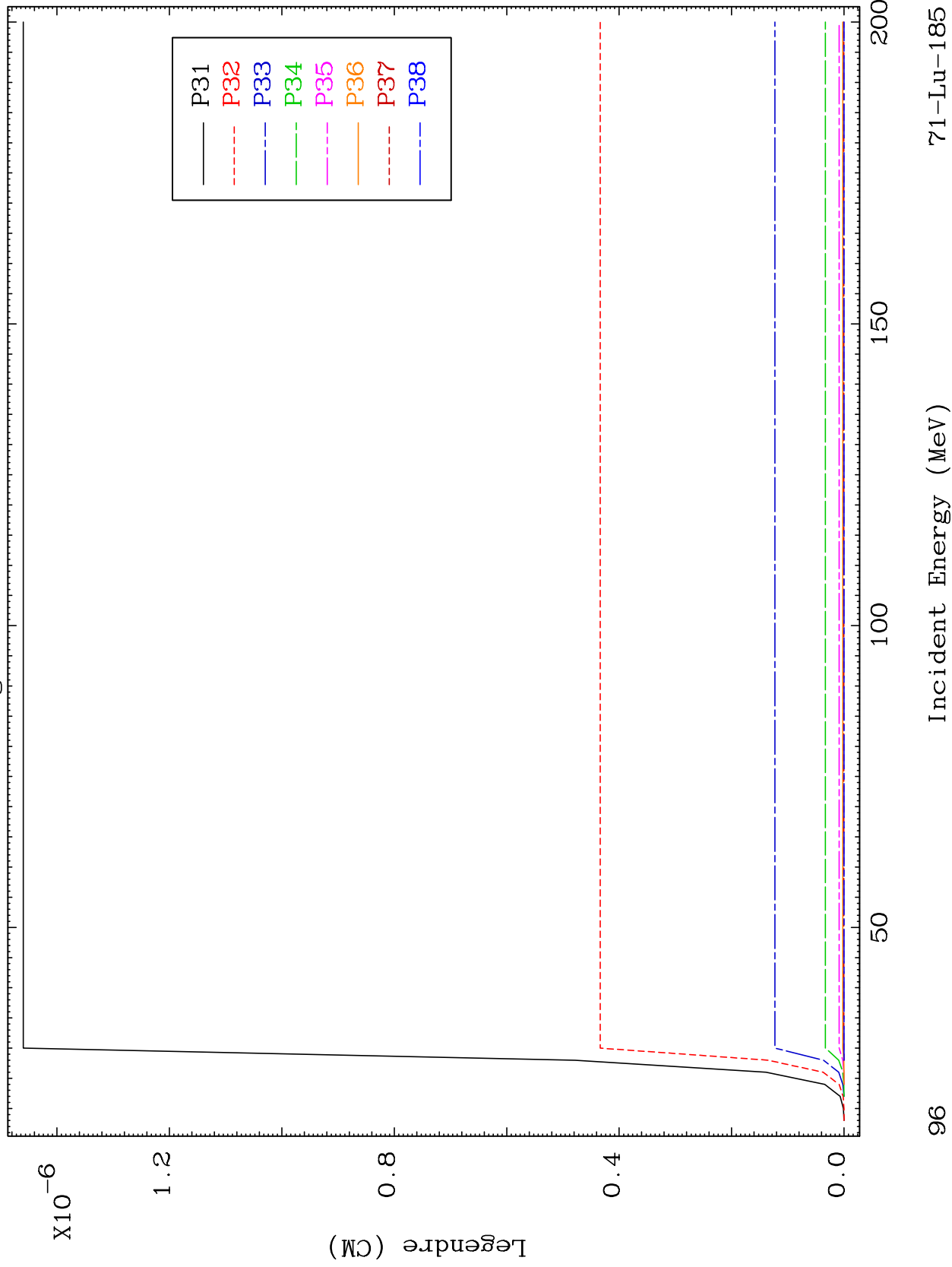
Incident Energy (MeV)

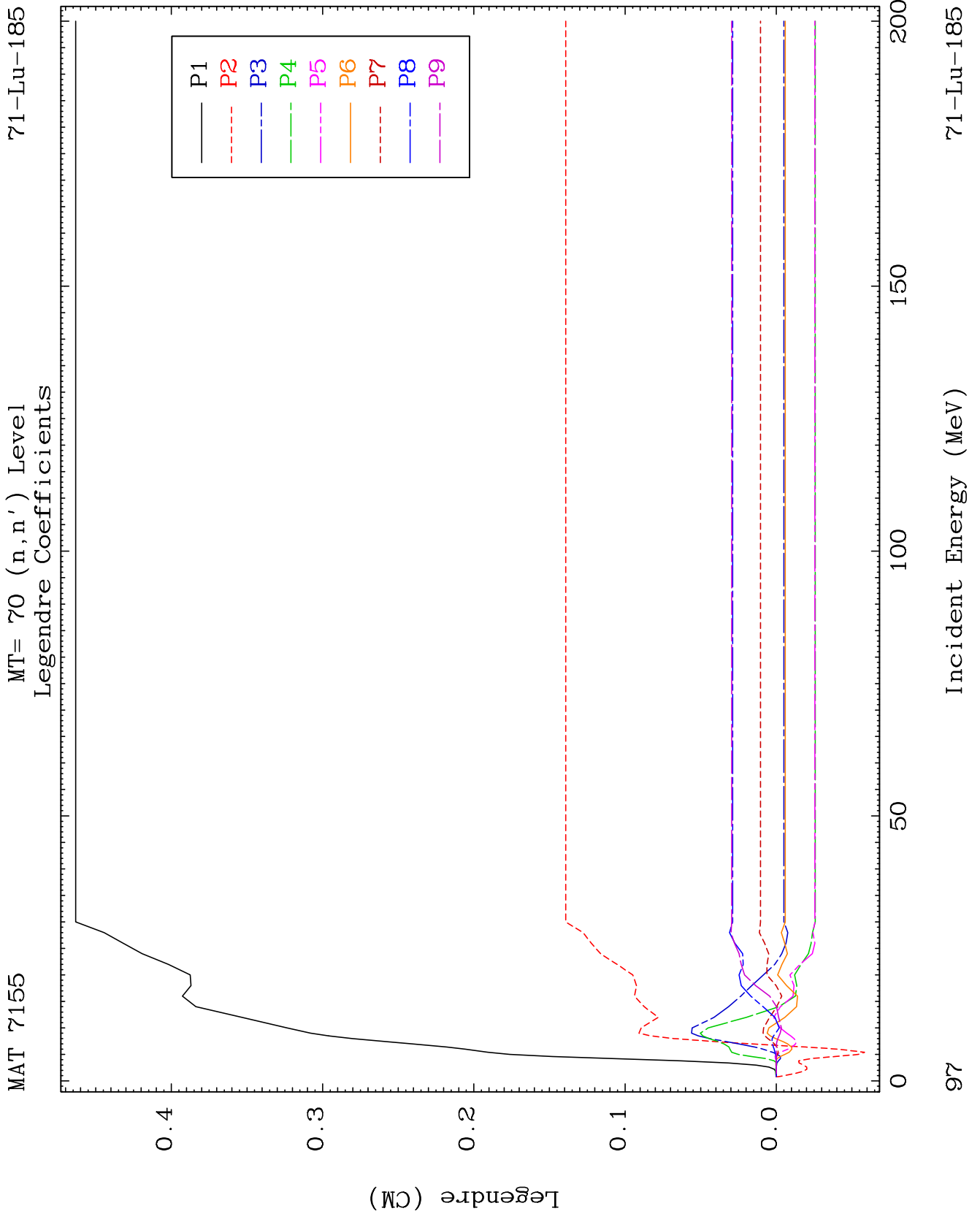
71-Lu-185

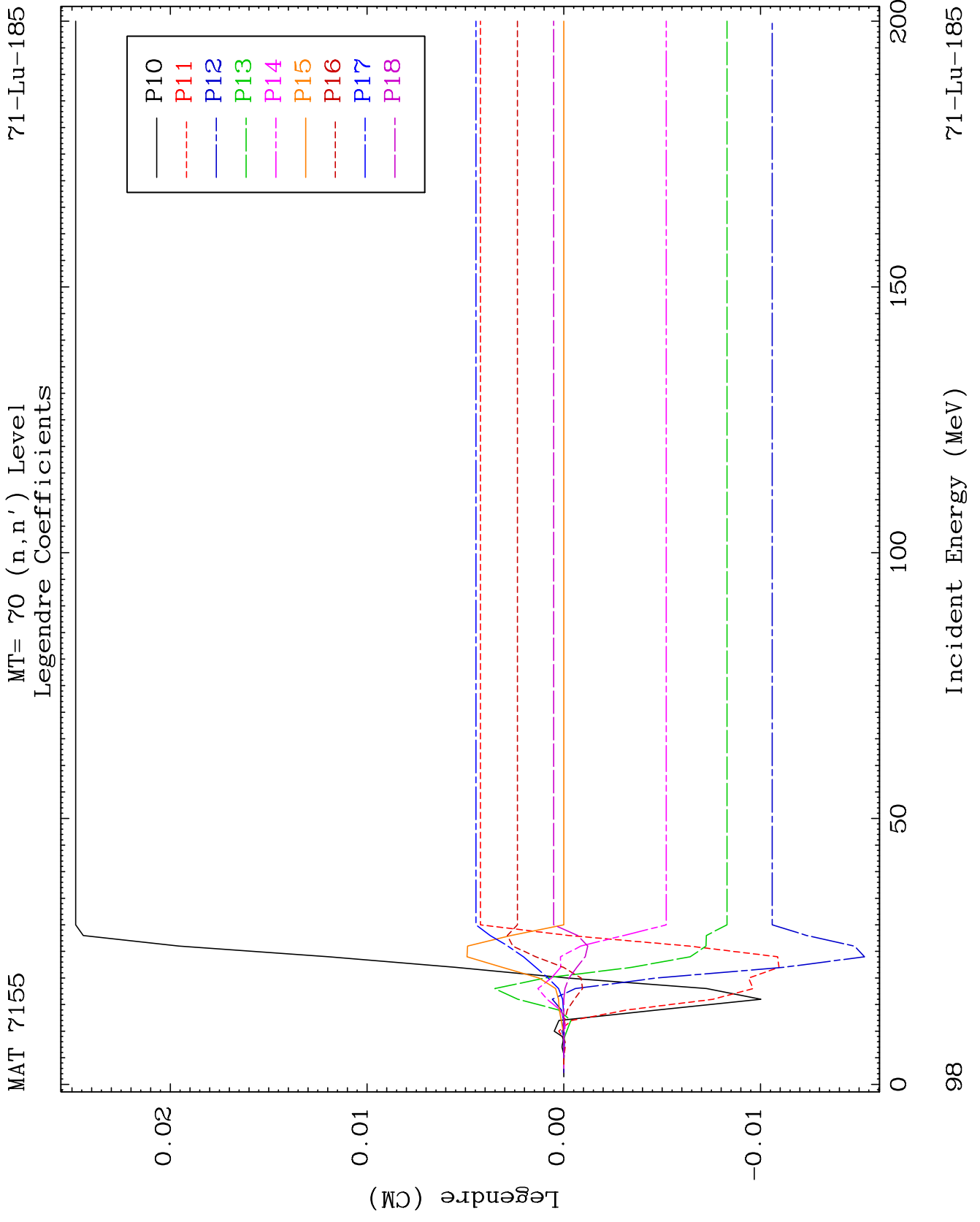
MAT 7155

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

71-Lu-185



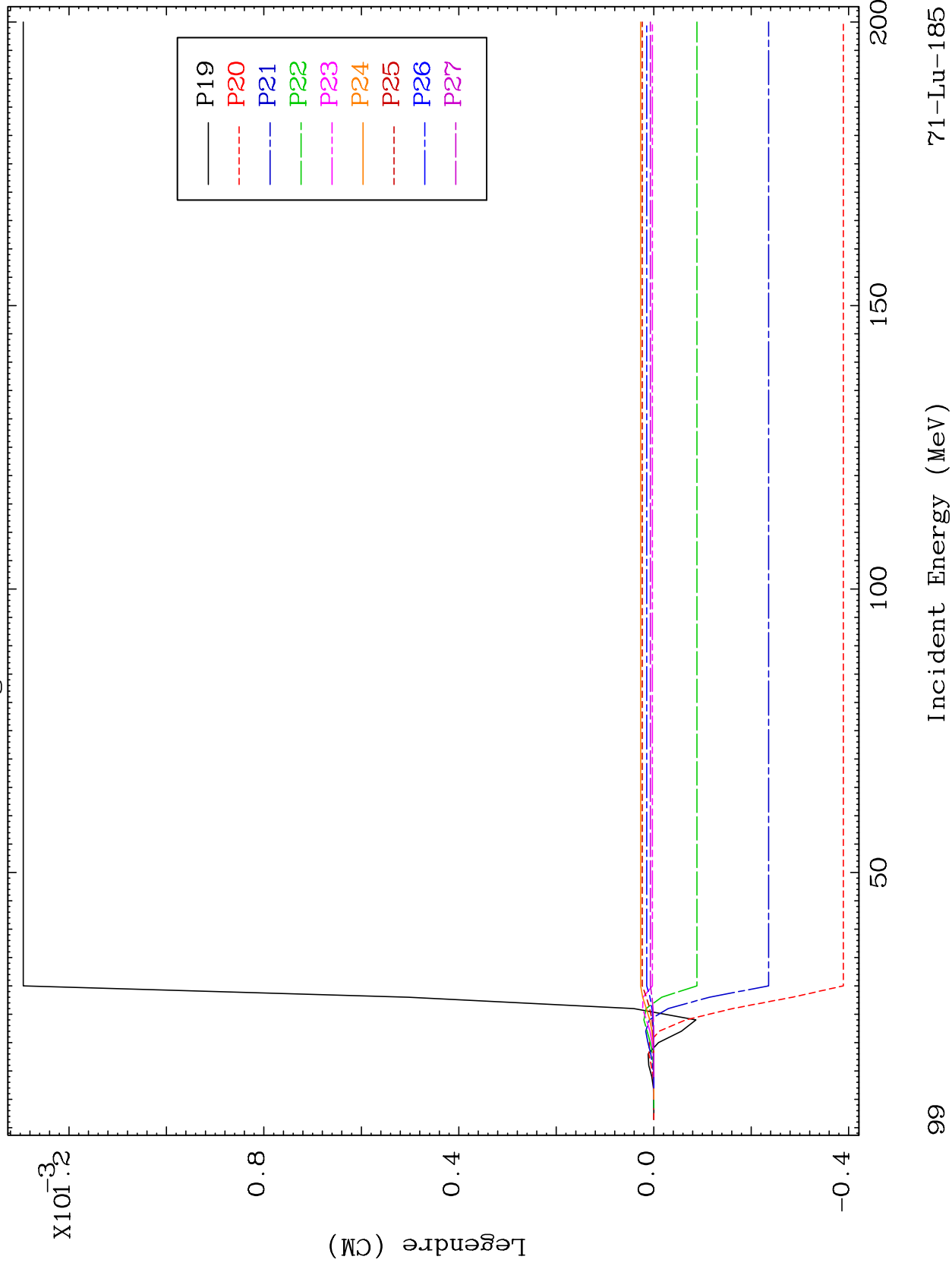


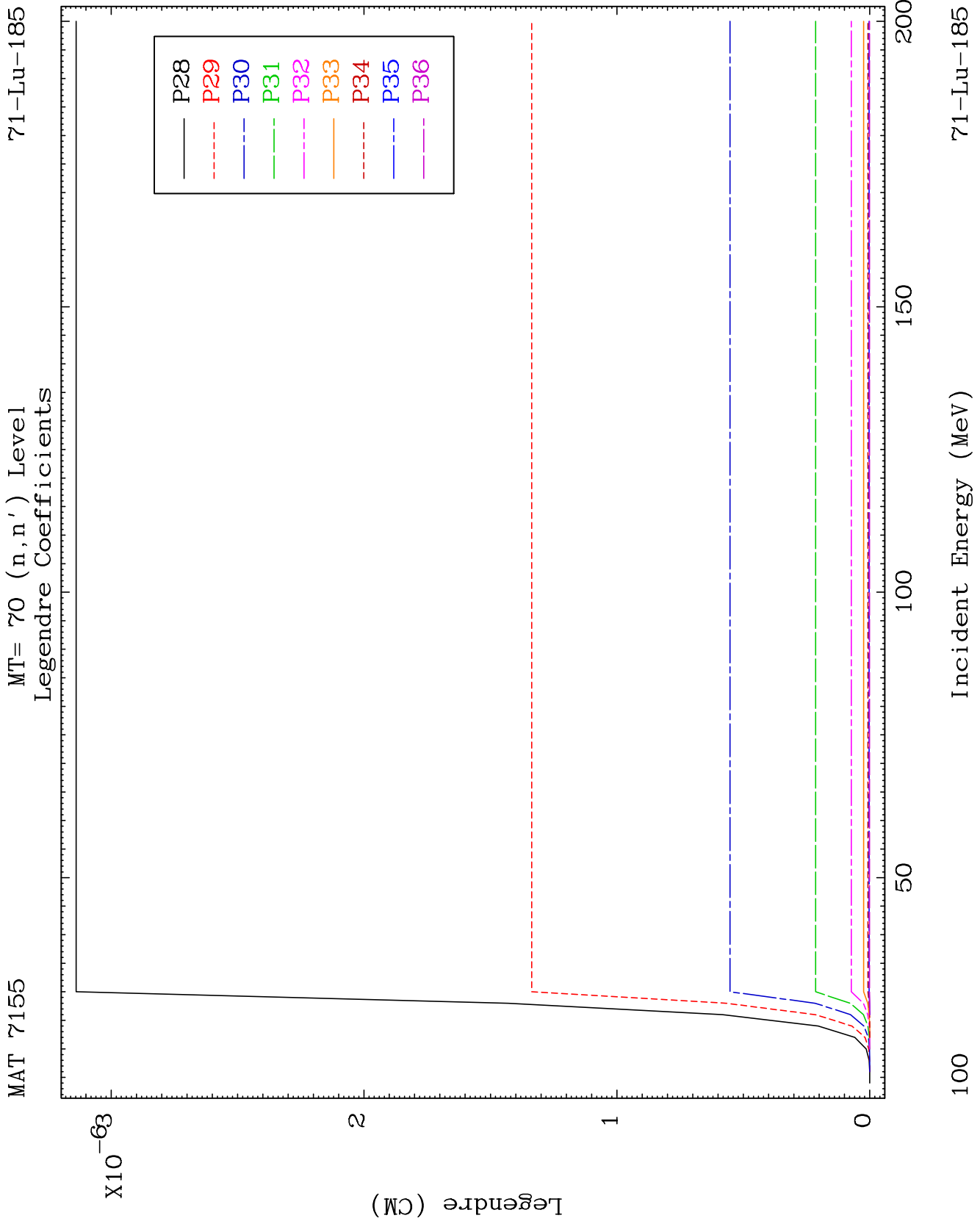


MAT 7155

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

71-Lu-185

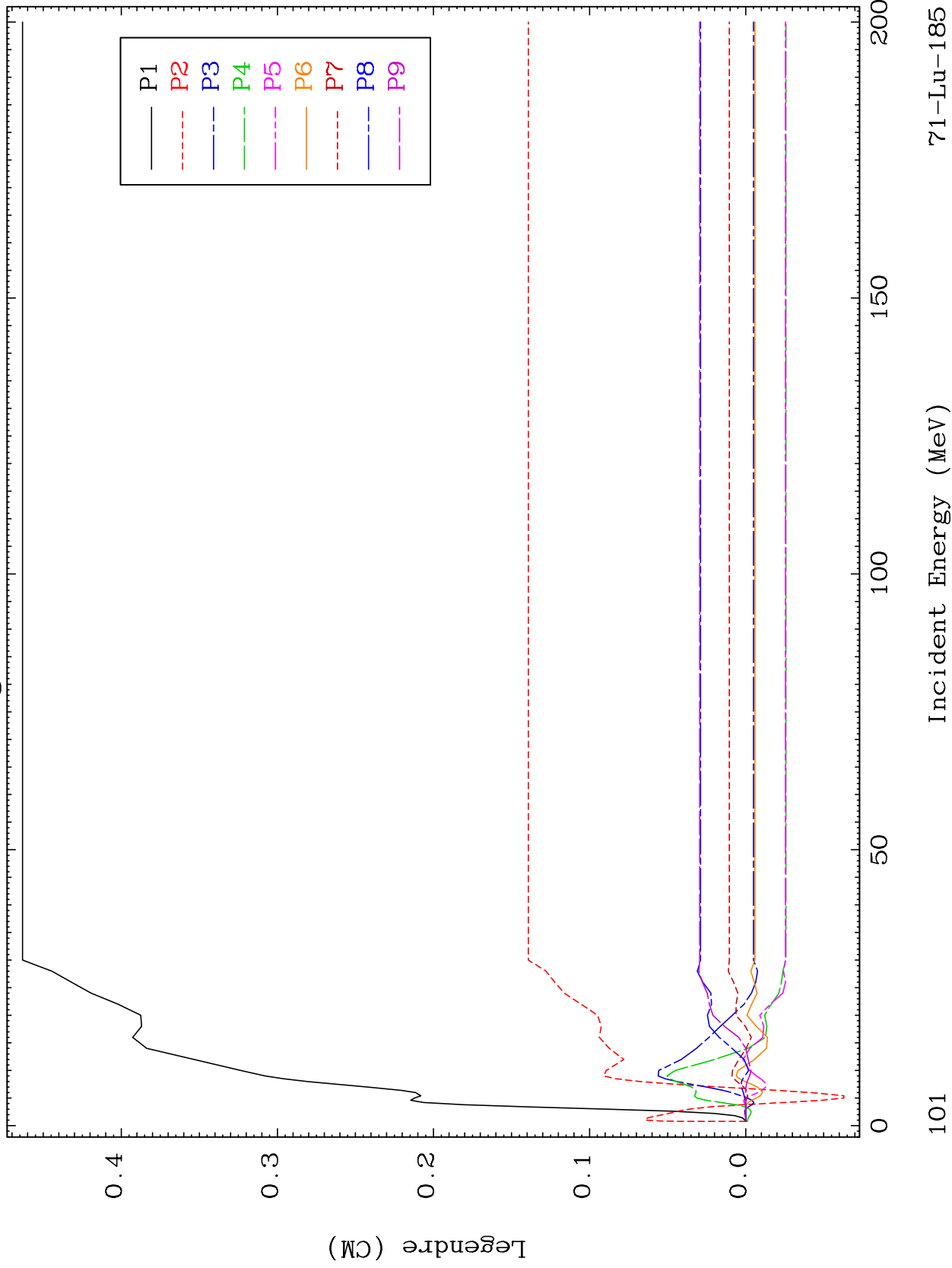




MAT 7155

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

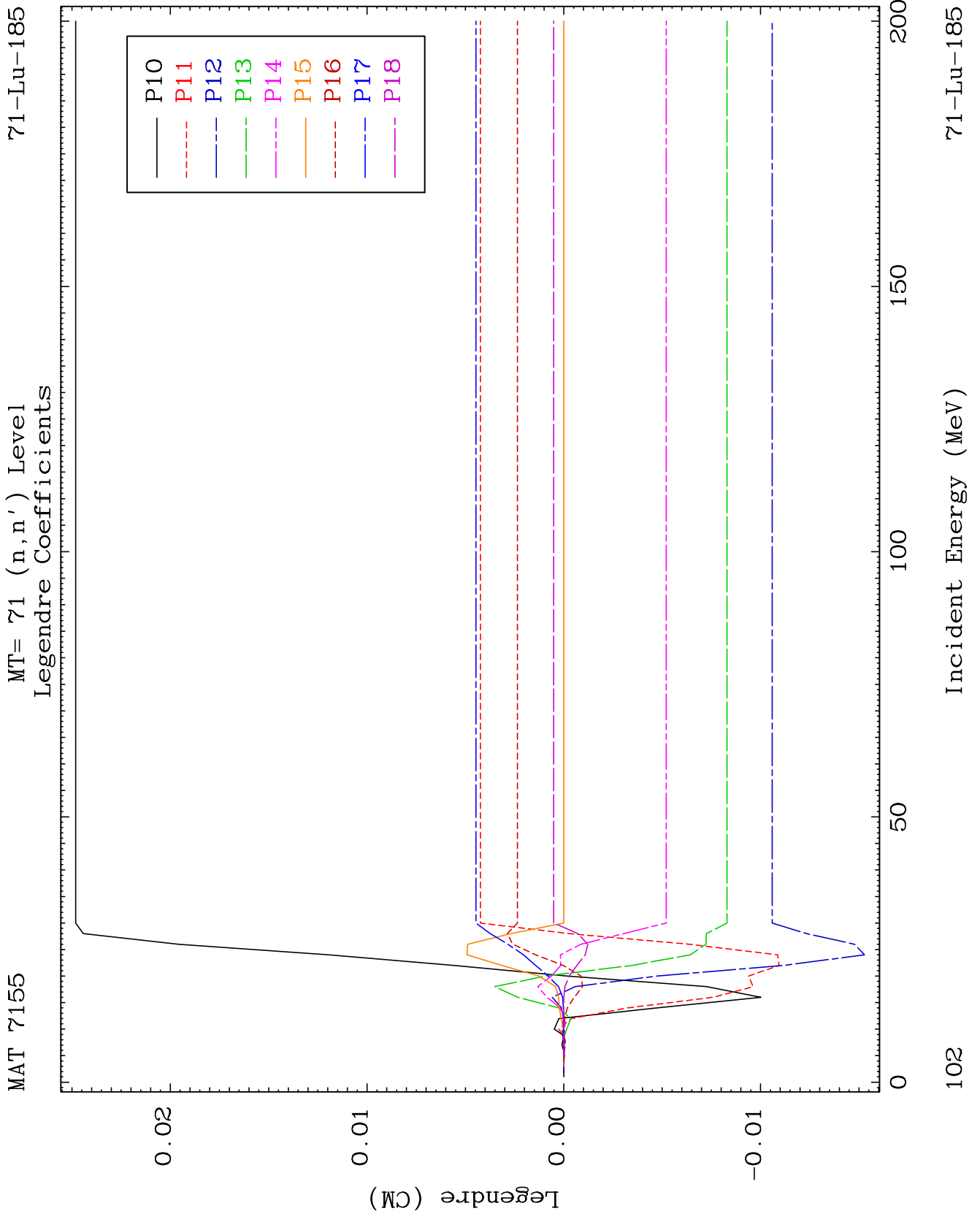
71-Lu-185



71-Lu-185

Incident Energy (MeV)

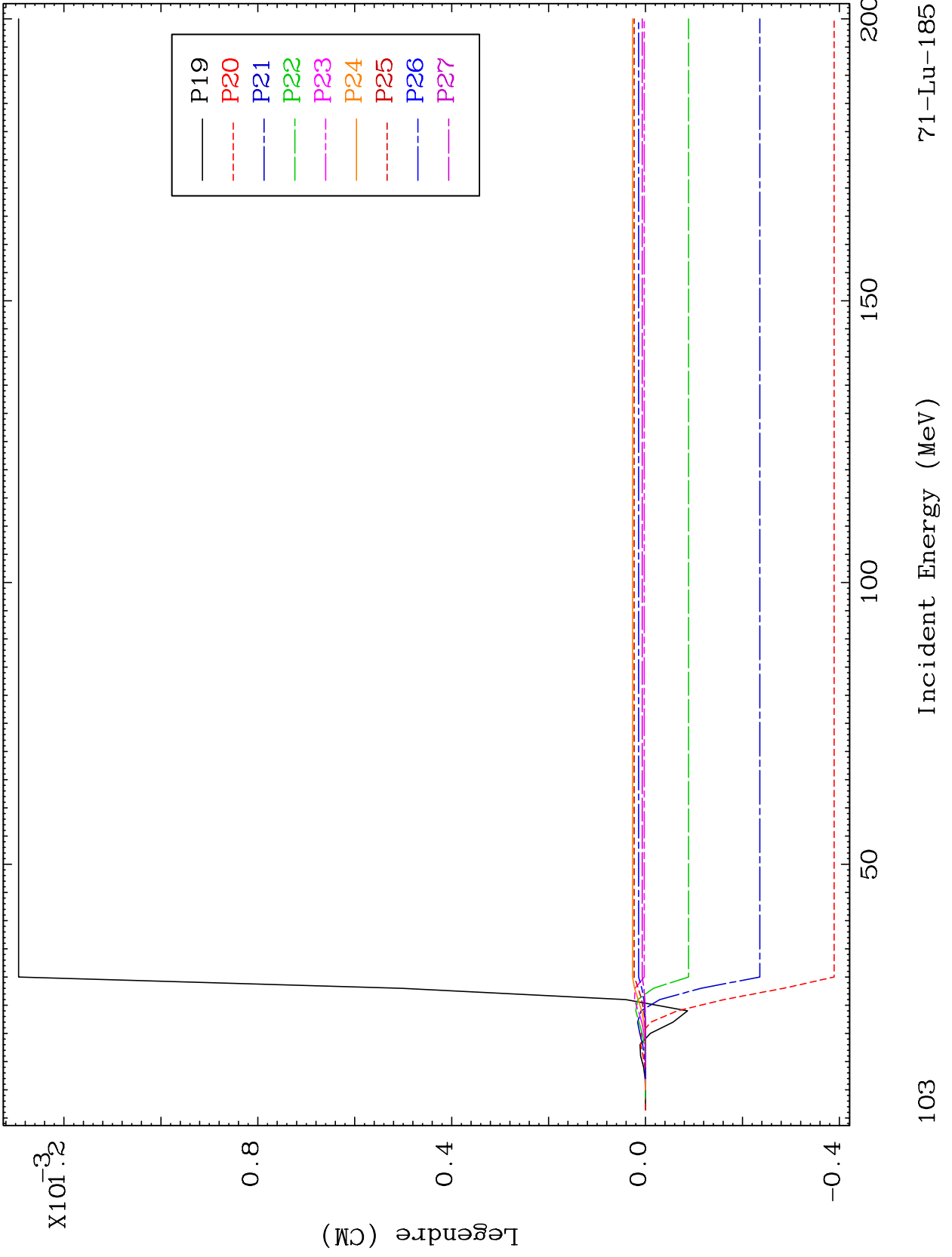
101



MAT 7155

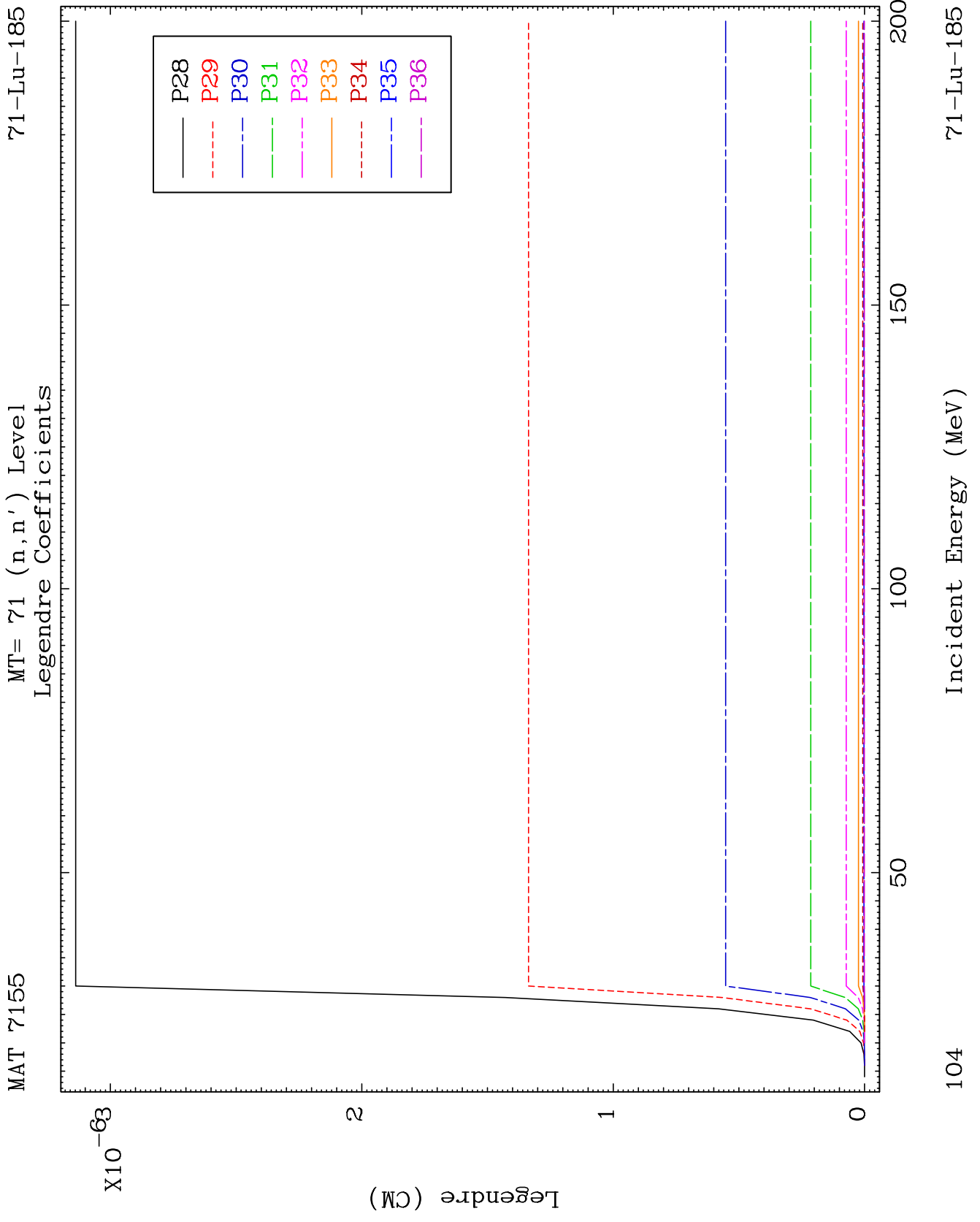
MT= 71 (n,n') Level
Legendre Coefficients

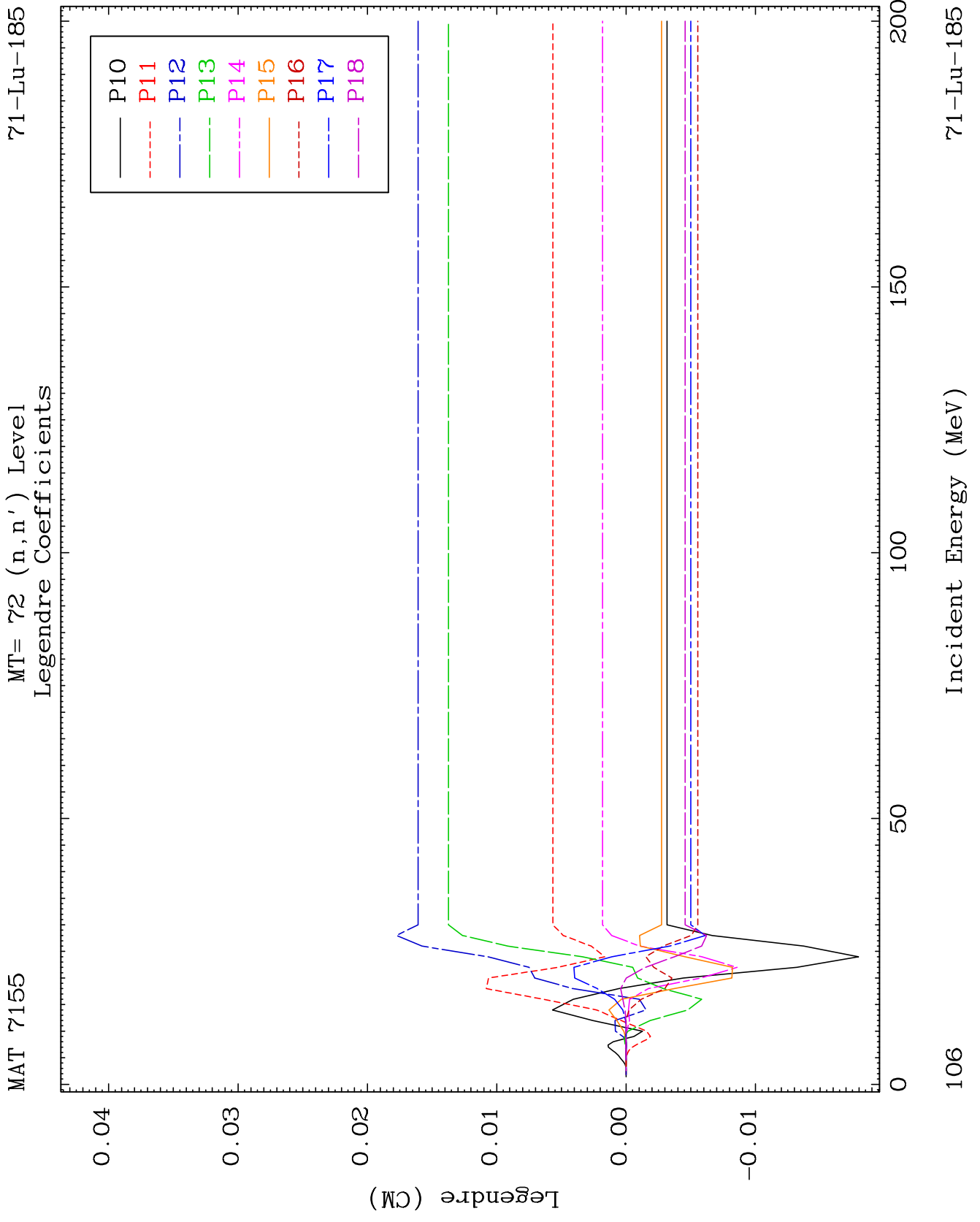
71-Lu-185



103

71-Lu-185

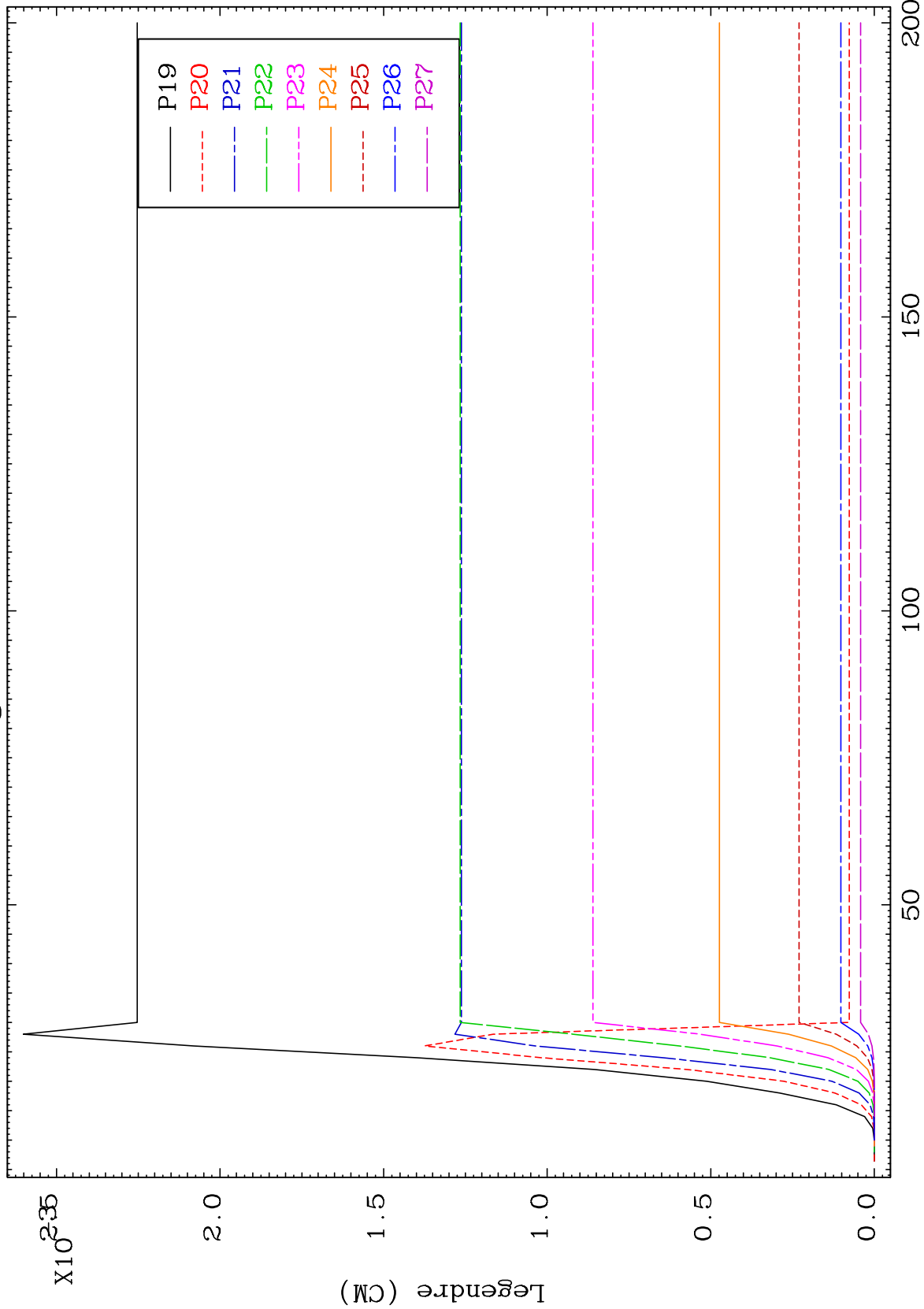




MAT 7155

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

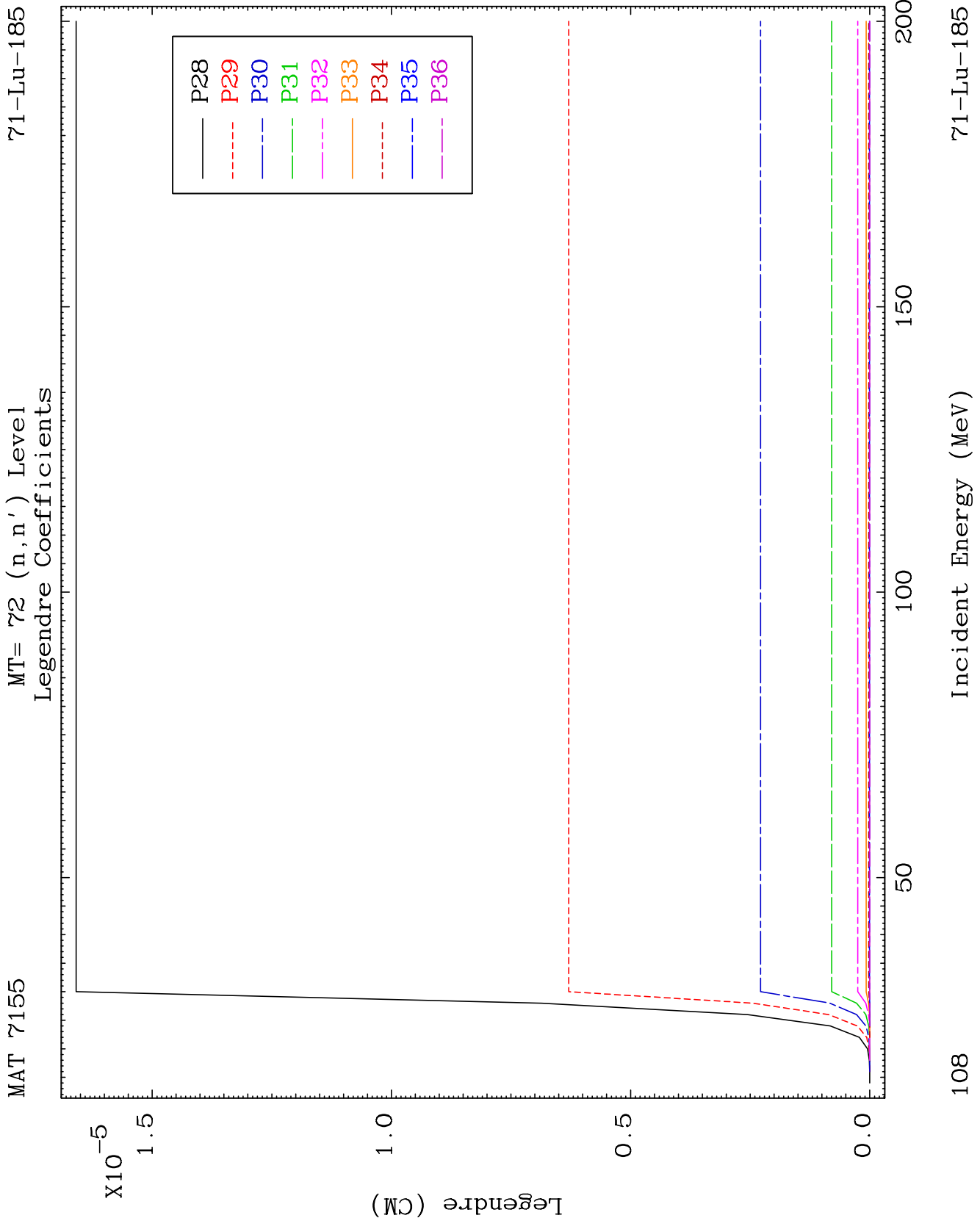
71-Lu-185



107

Incident Energy (MeV)

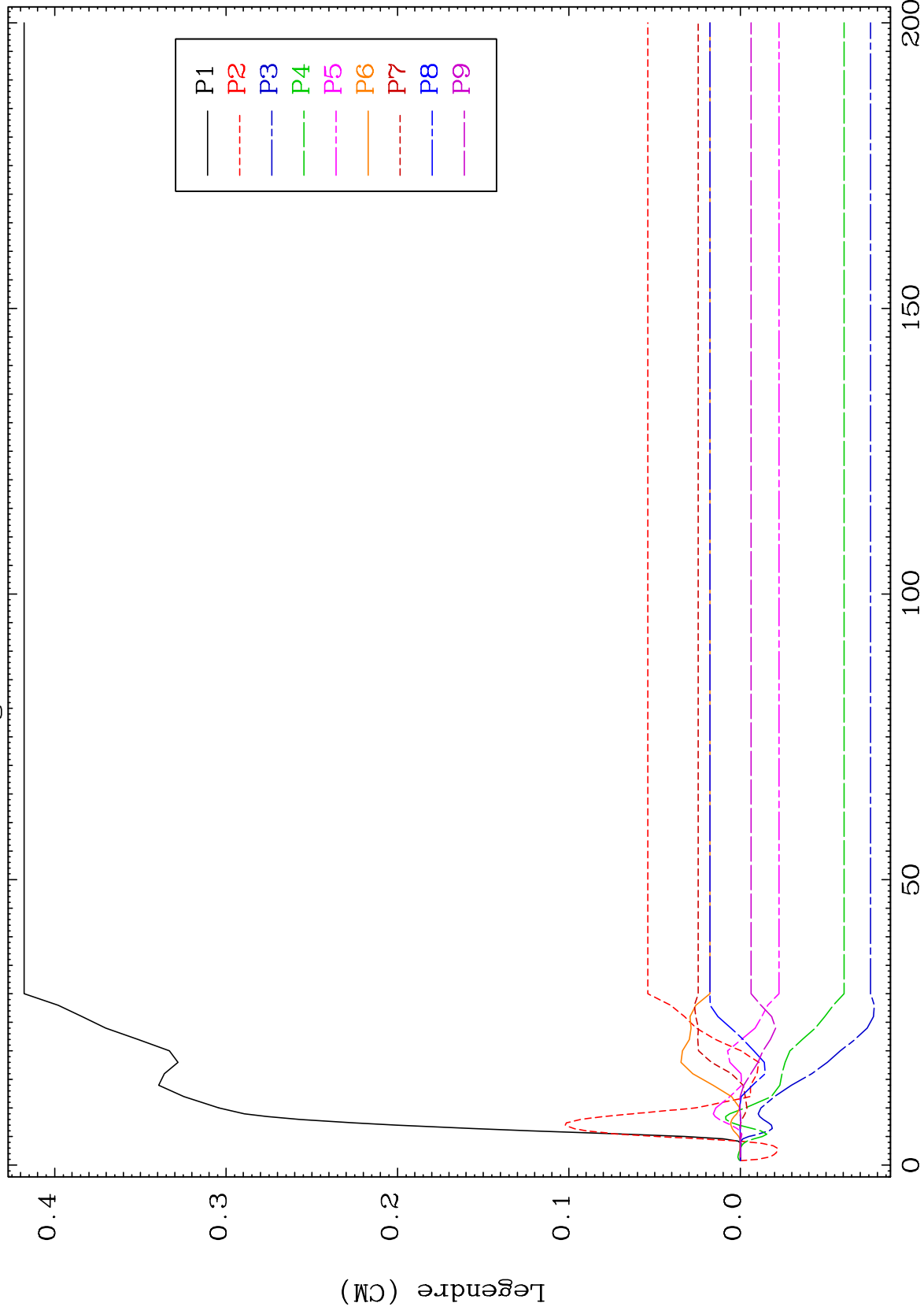
71-Lu-185



MAT 7155

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

71-Lu-185



109

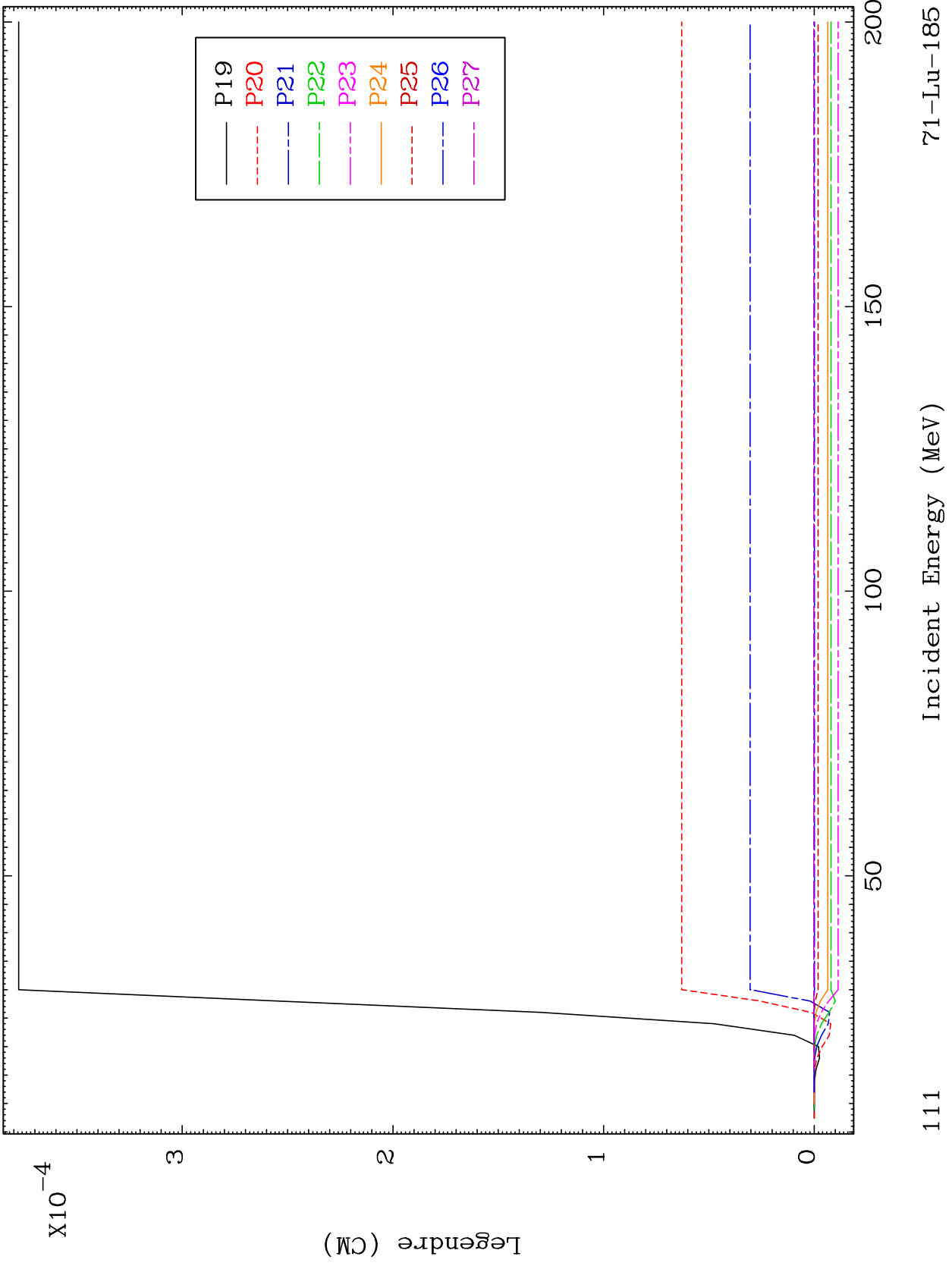
Incident Energy (MeV)

71-Lu-185

MAT 7155

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

71-Lu-185

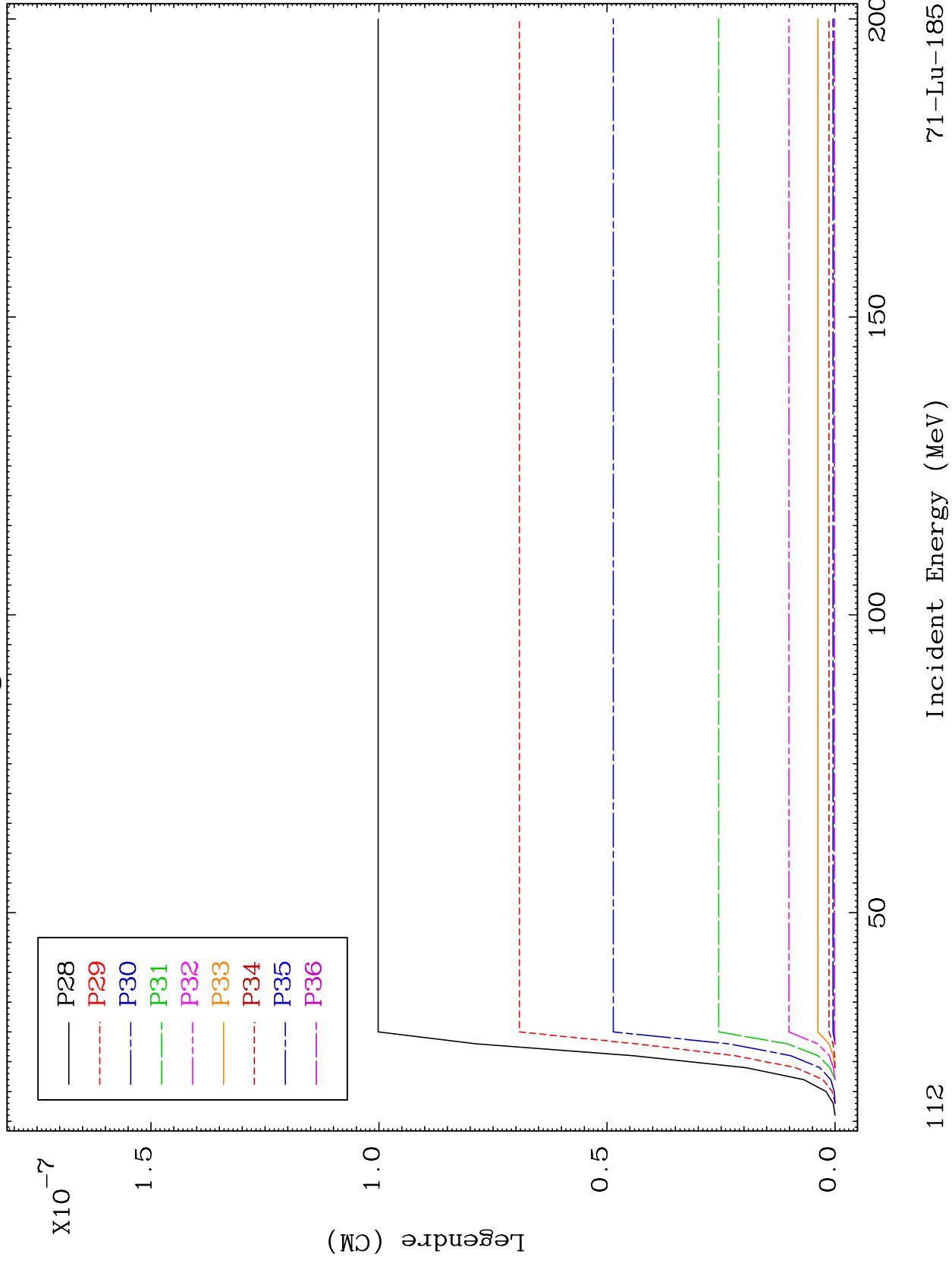


111

MAT 7155

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

71-Lu-185

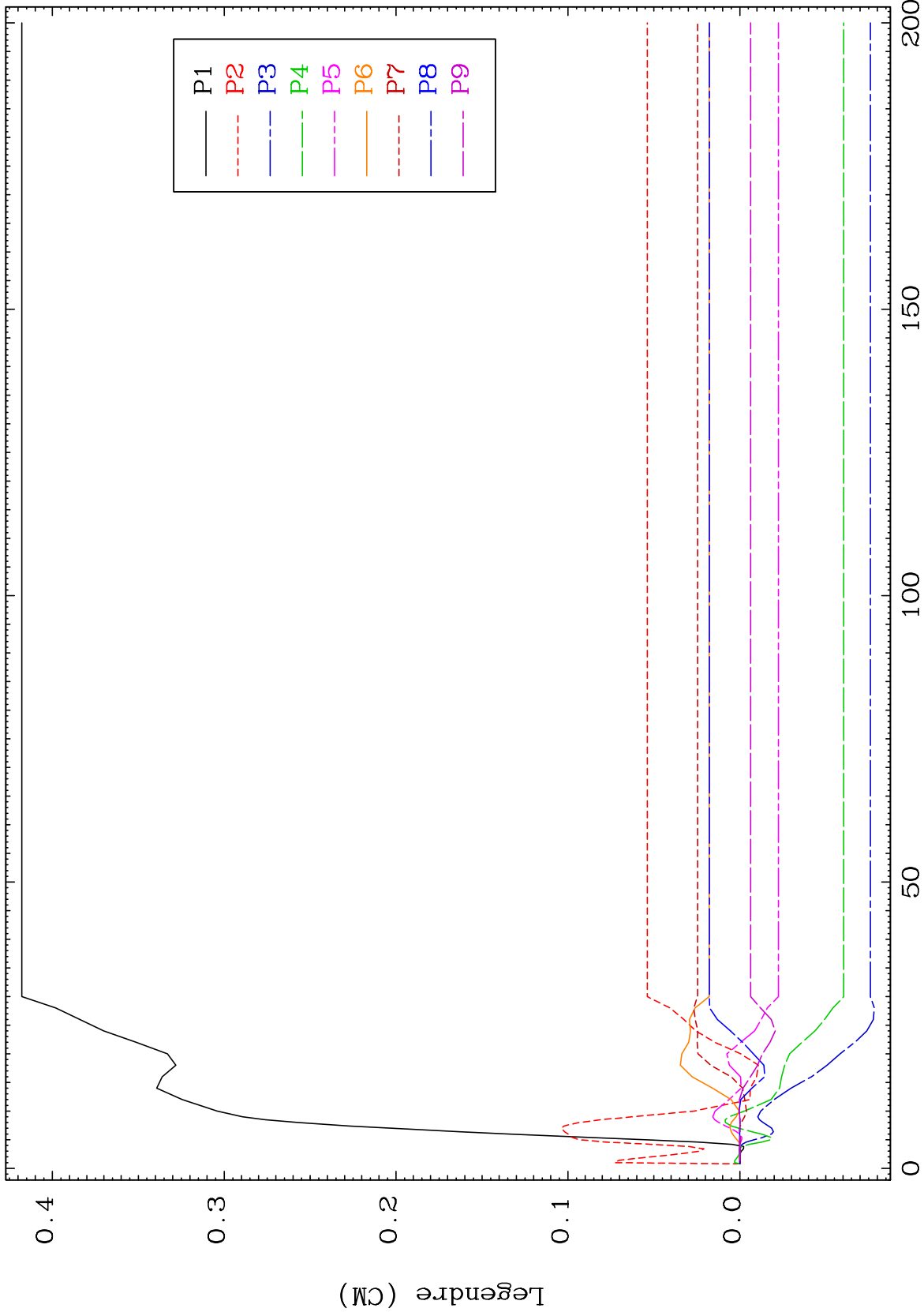


112

MAT 7155

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

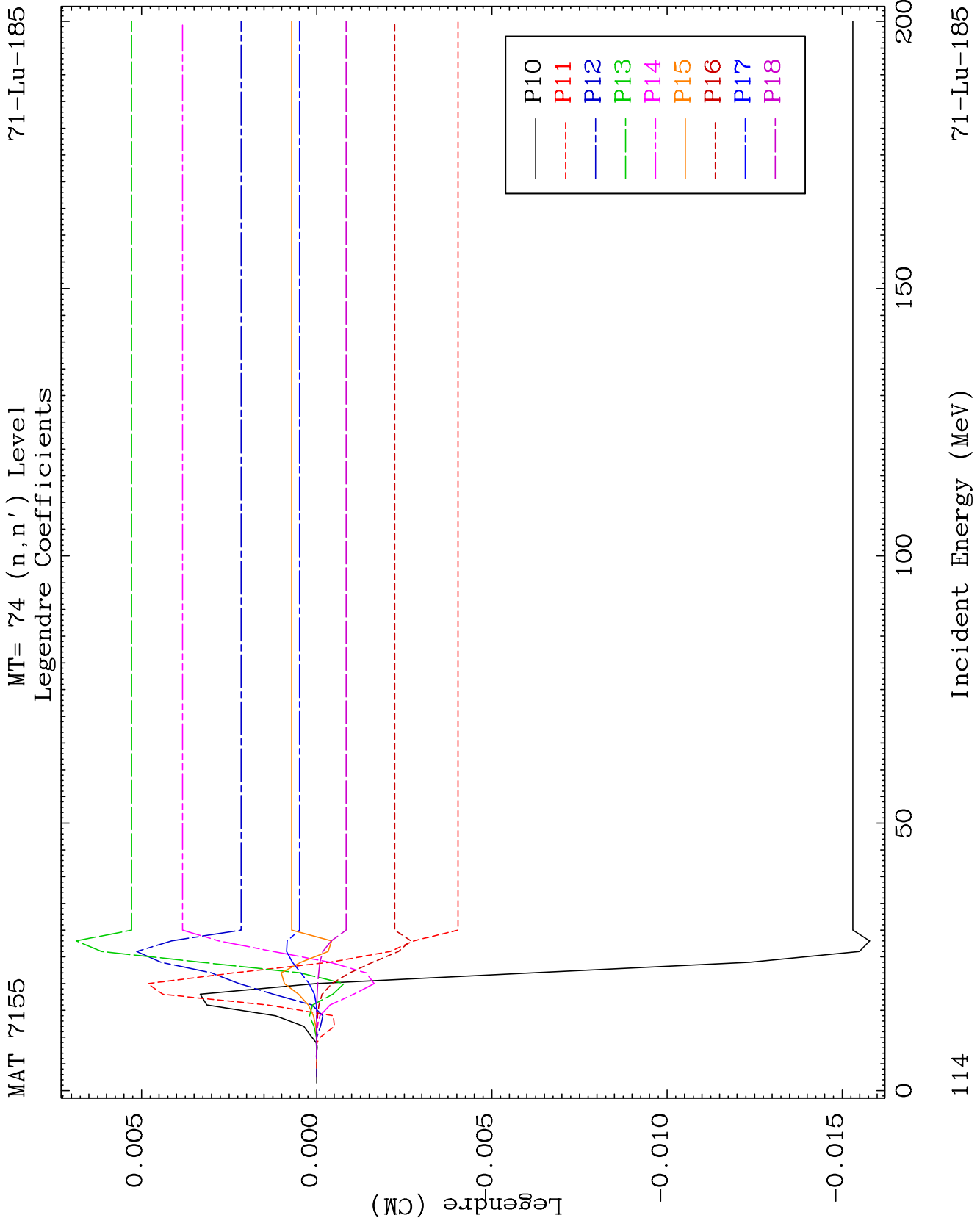
71-Lu-185



113

Incident Energy (MeV)

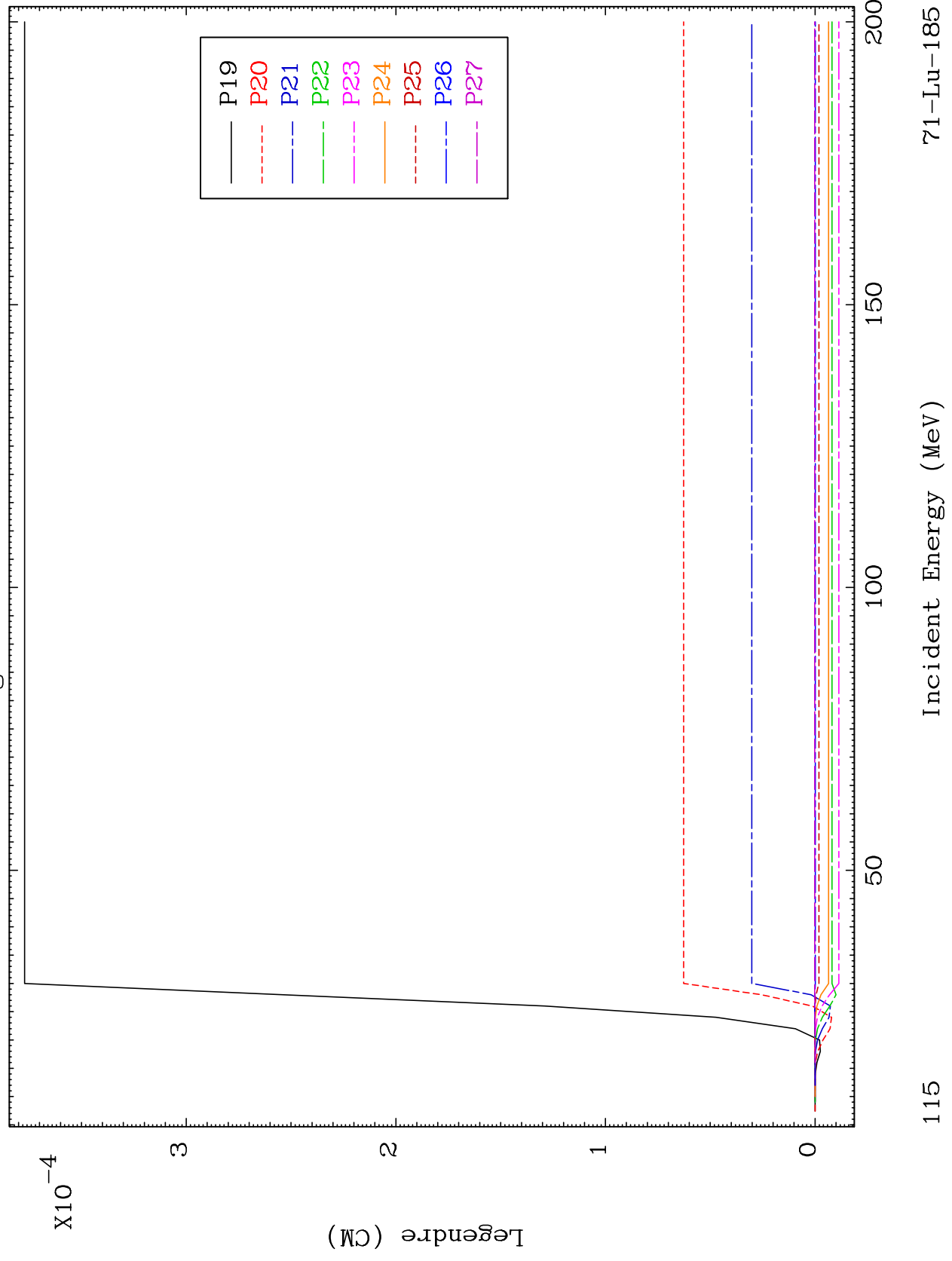
71-Lu-185



MAT 7155

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

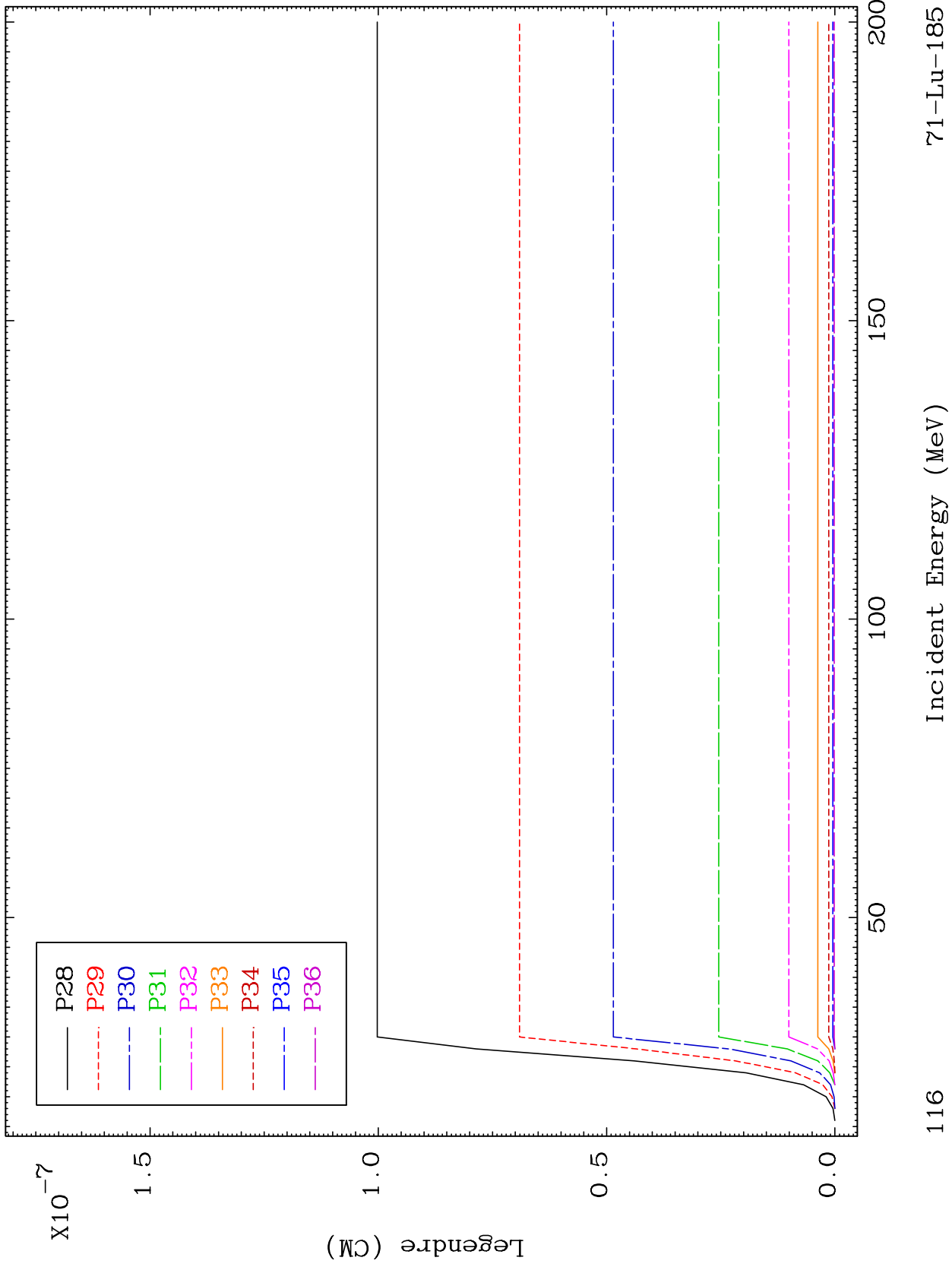
71-Lu-185



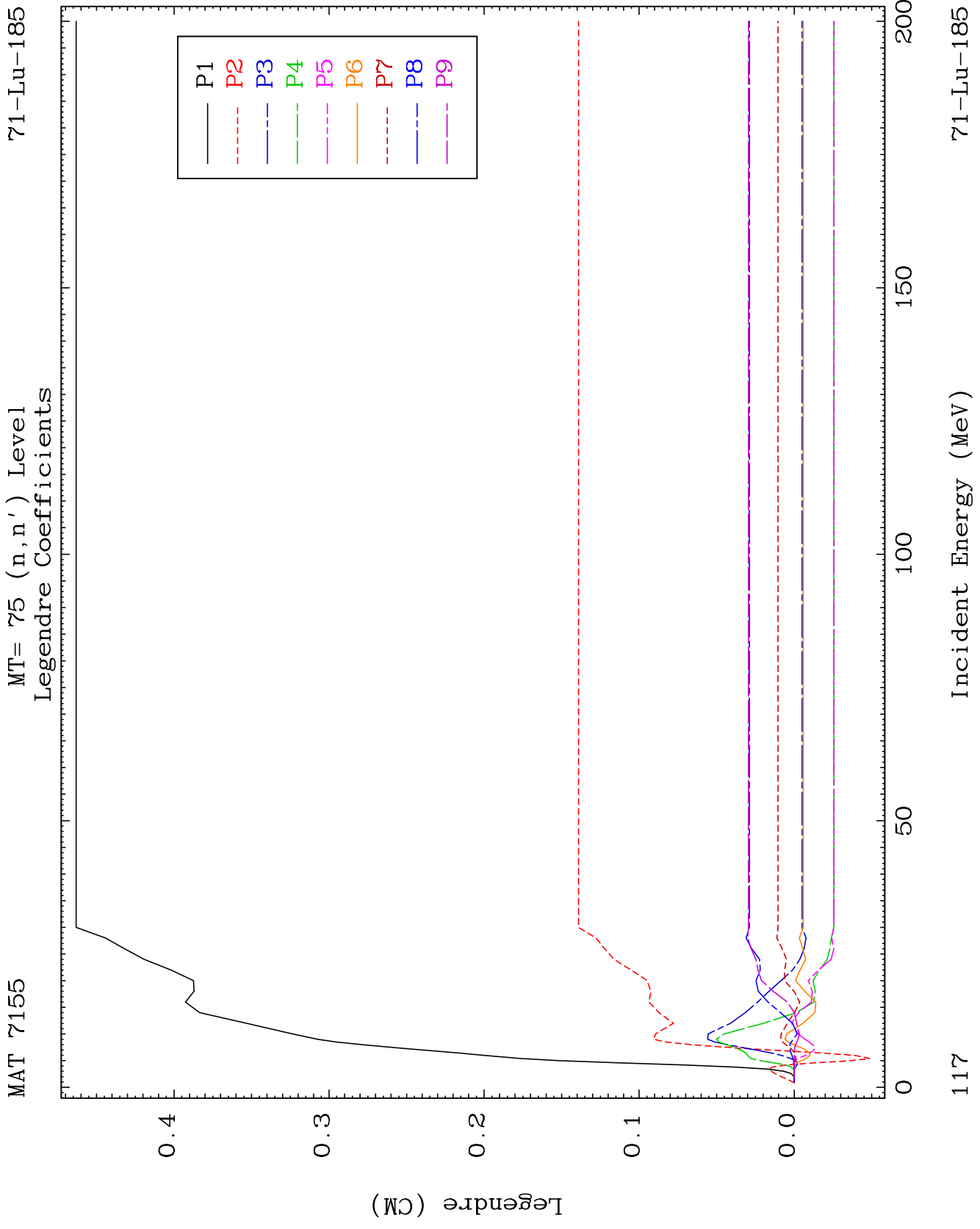
MAT 7155

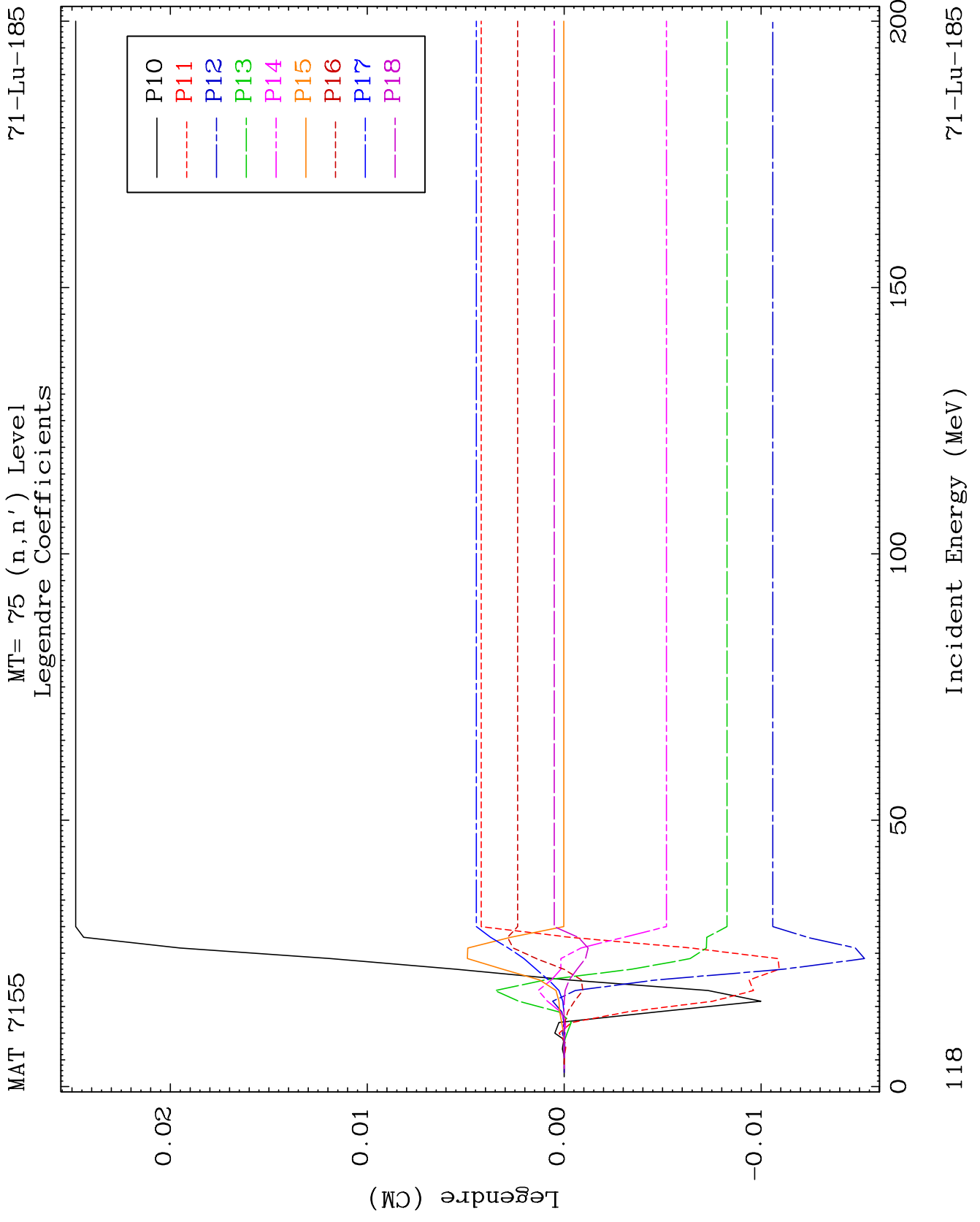
MT= 74 (n,n') Level
Legendre Coefficients

71-Lu-185



116

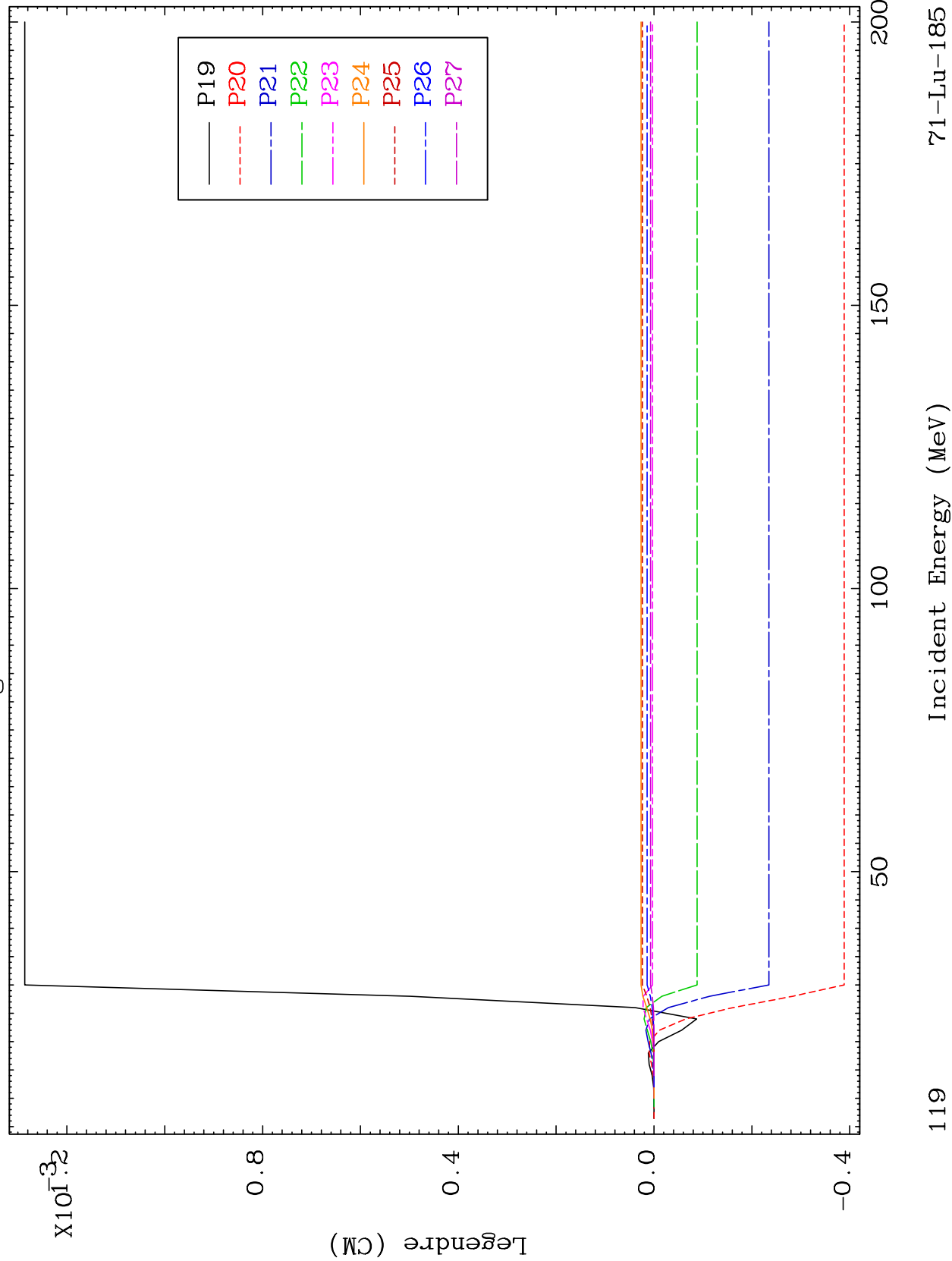




MAT 7155

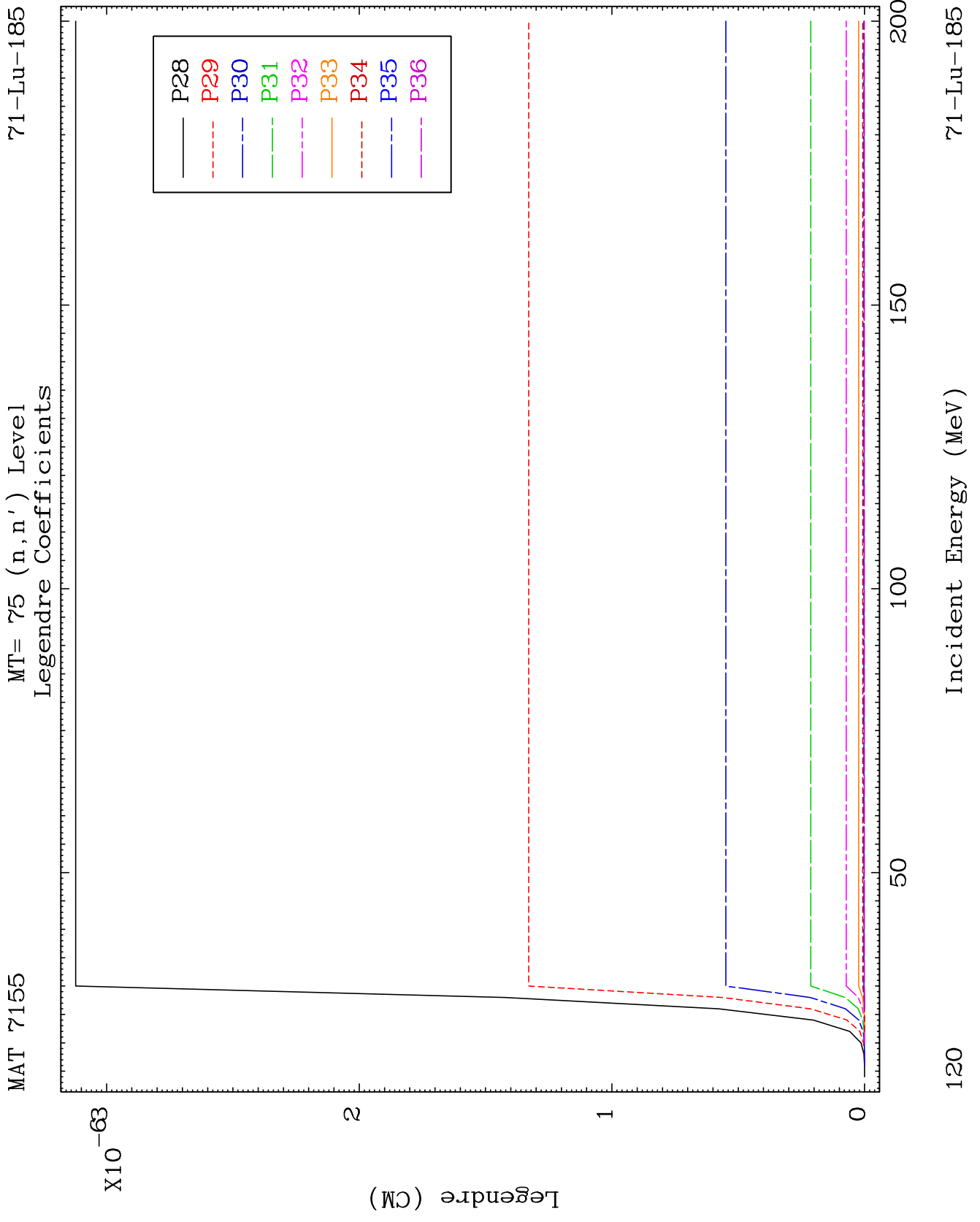
MT= 75 (n,n') Level
Legendre Coefficients

71-Lu-185



119

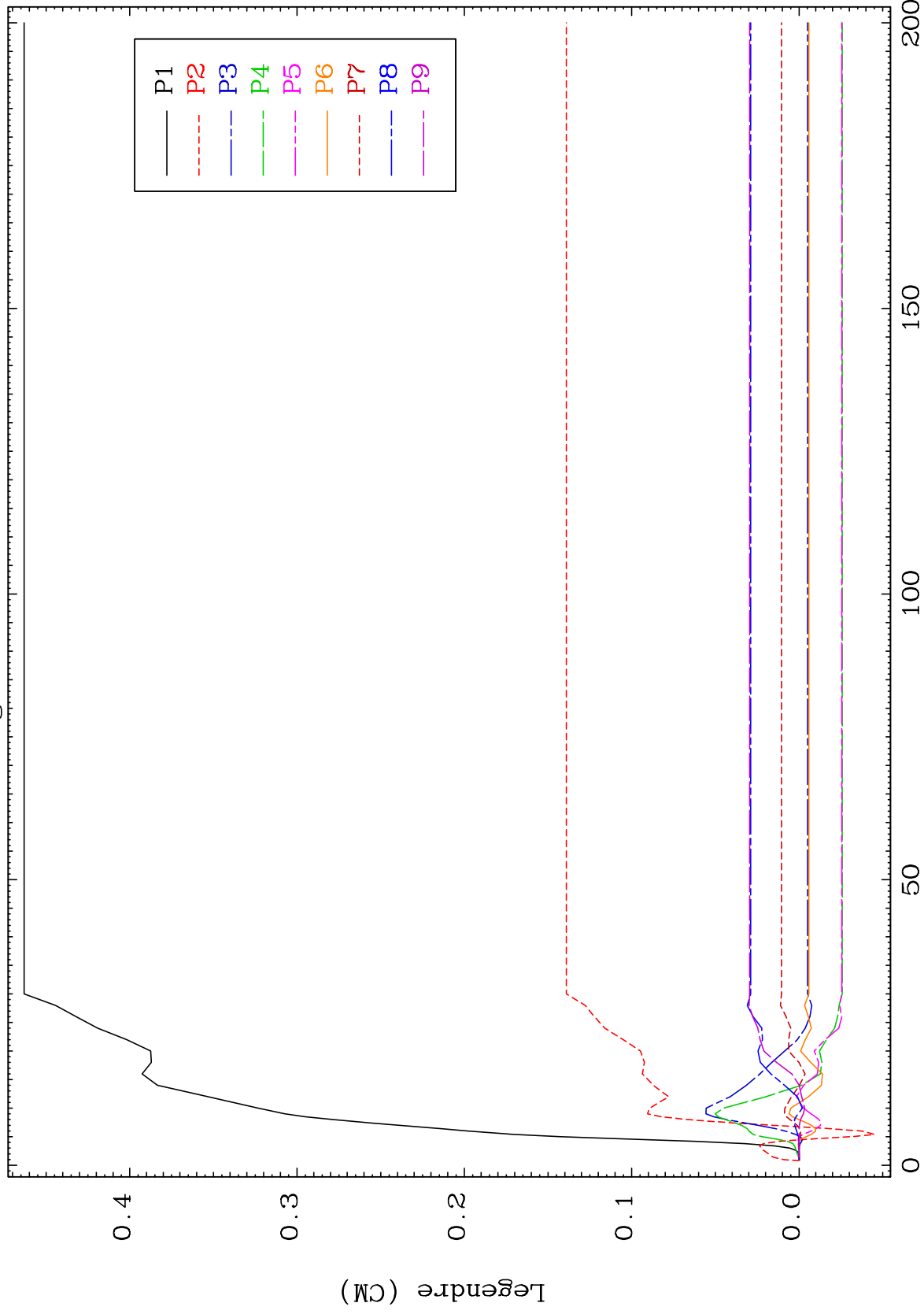
71-Lu-185



MAT 7155

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

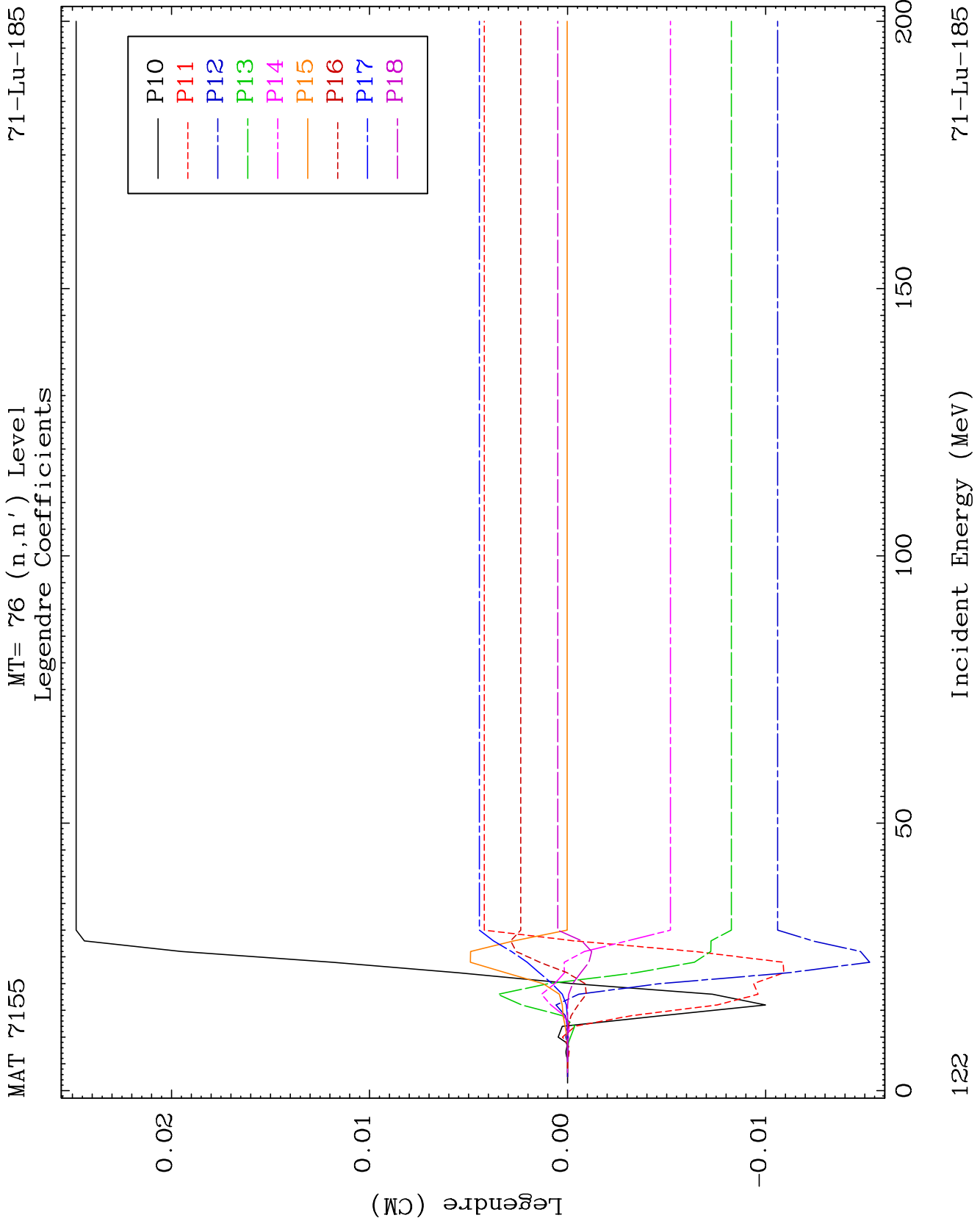
71-Lu-185



71-Lu-185

Incident Energy (MeV)

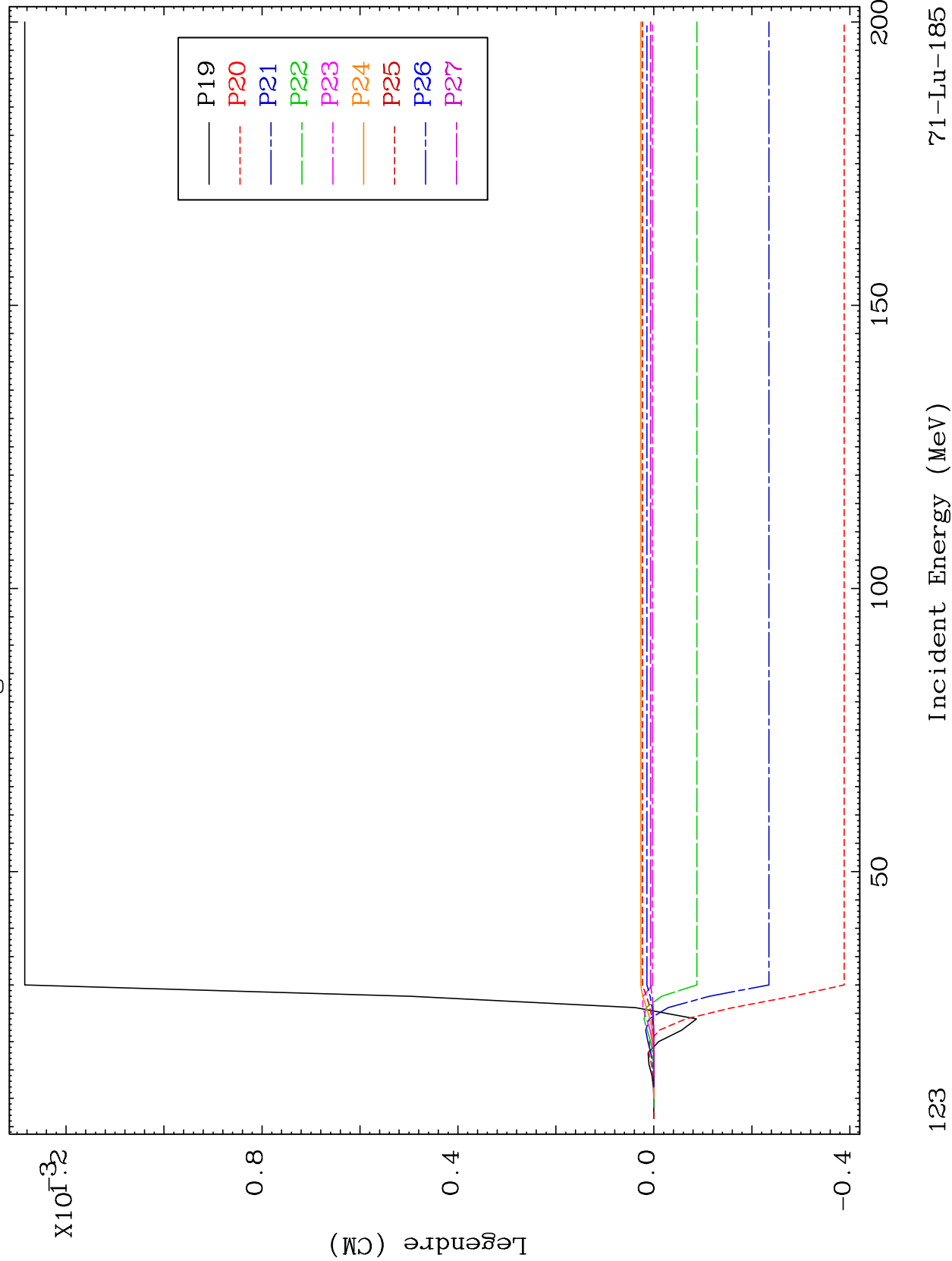
121



MAT 7155

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

71-Lu-185

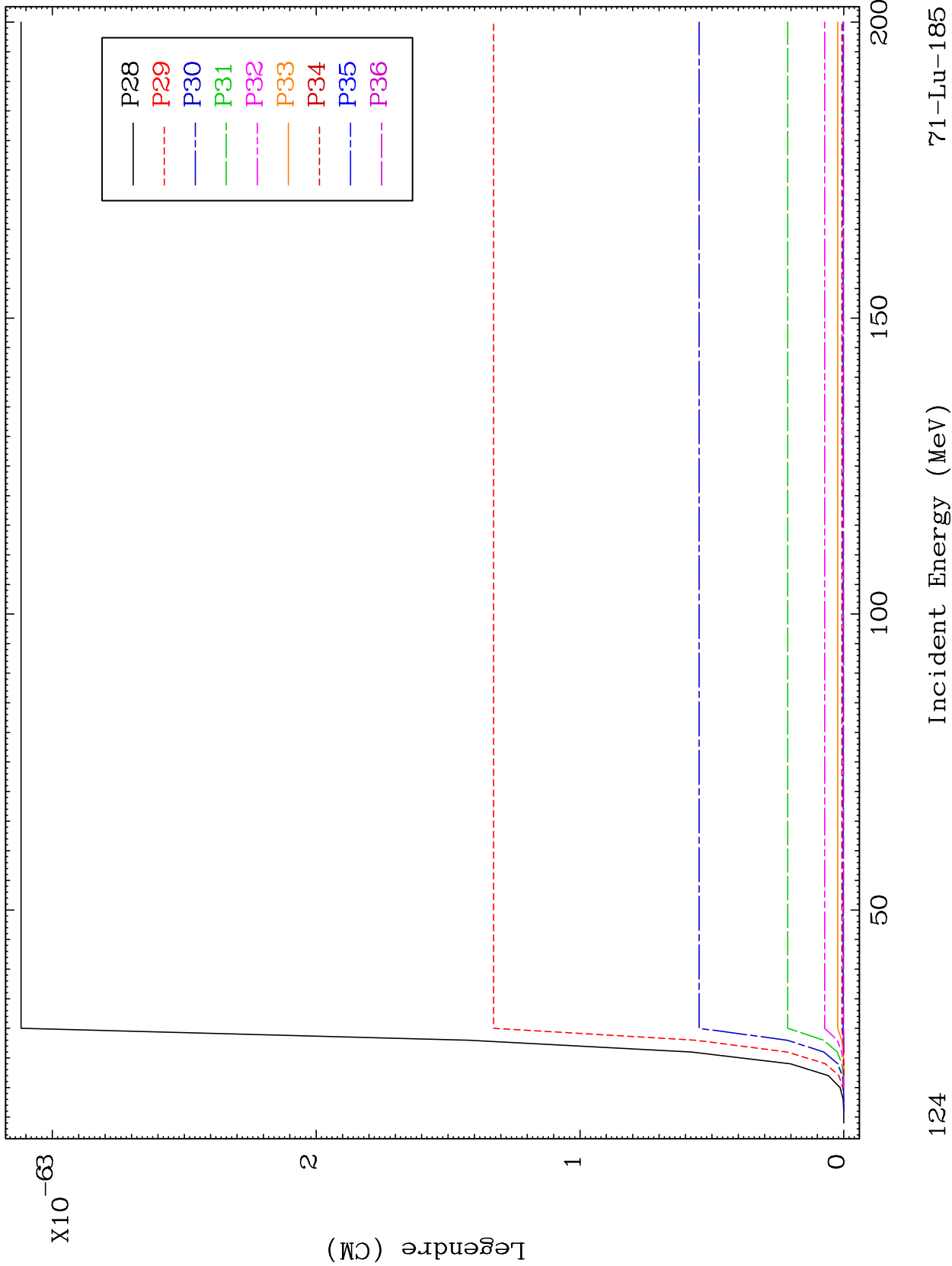


123

MAT 7155

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

71-Lu-185



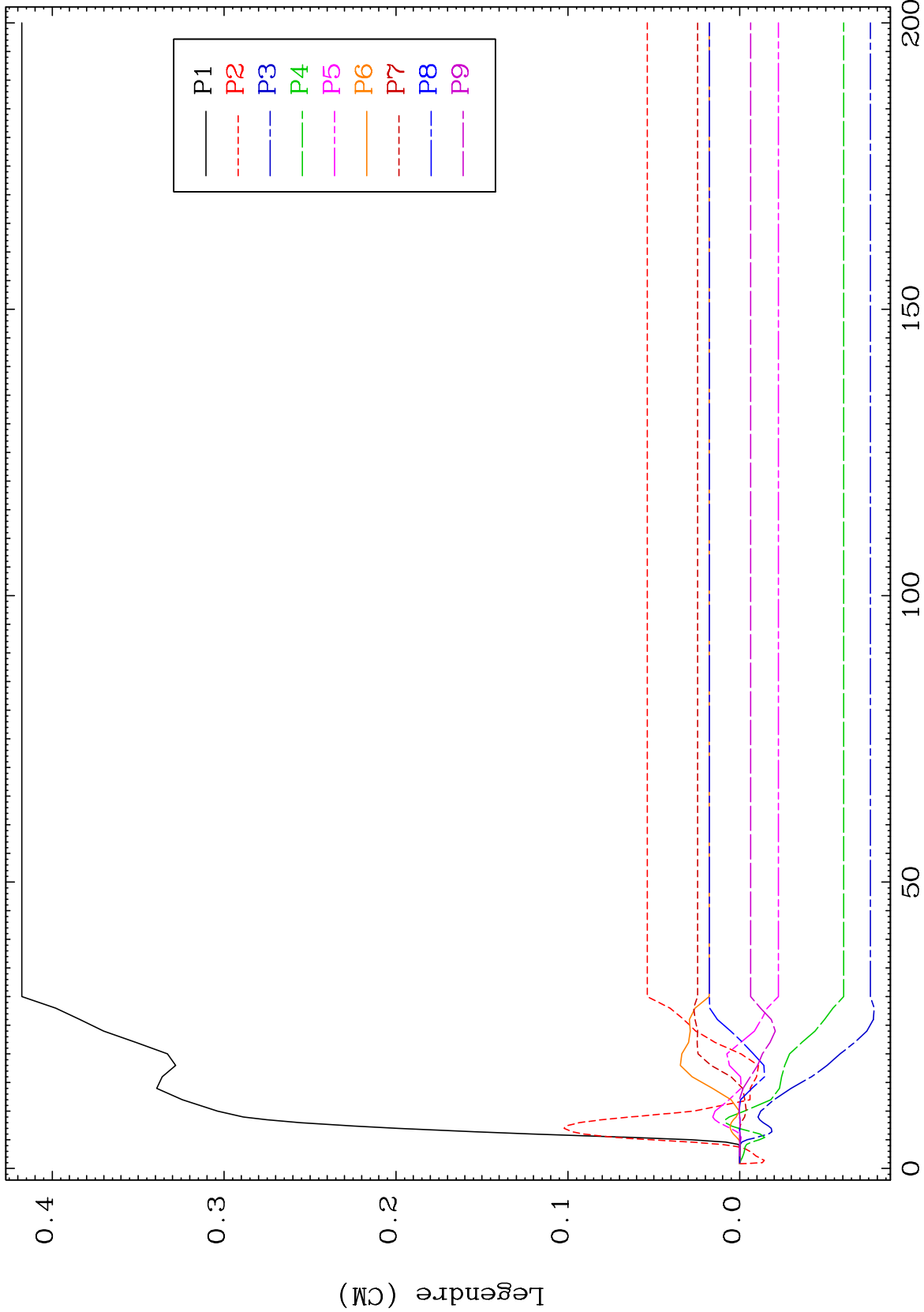
124

71-Lu-185

MAT 7155

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

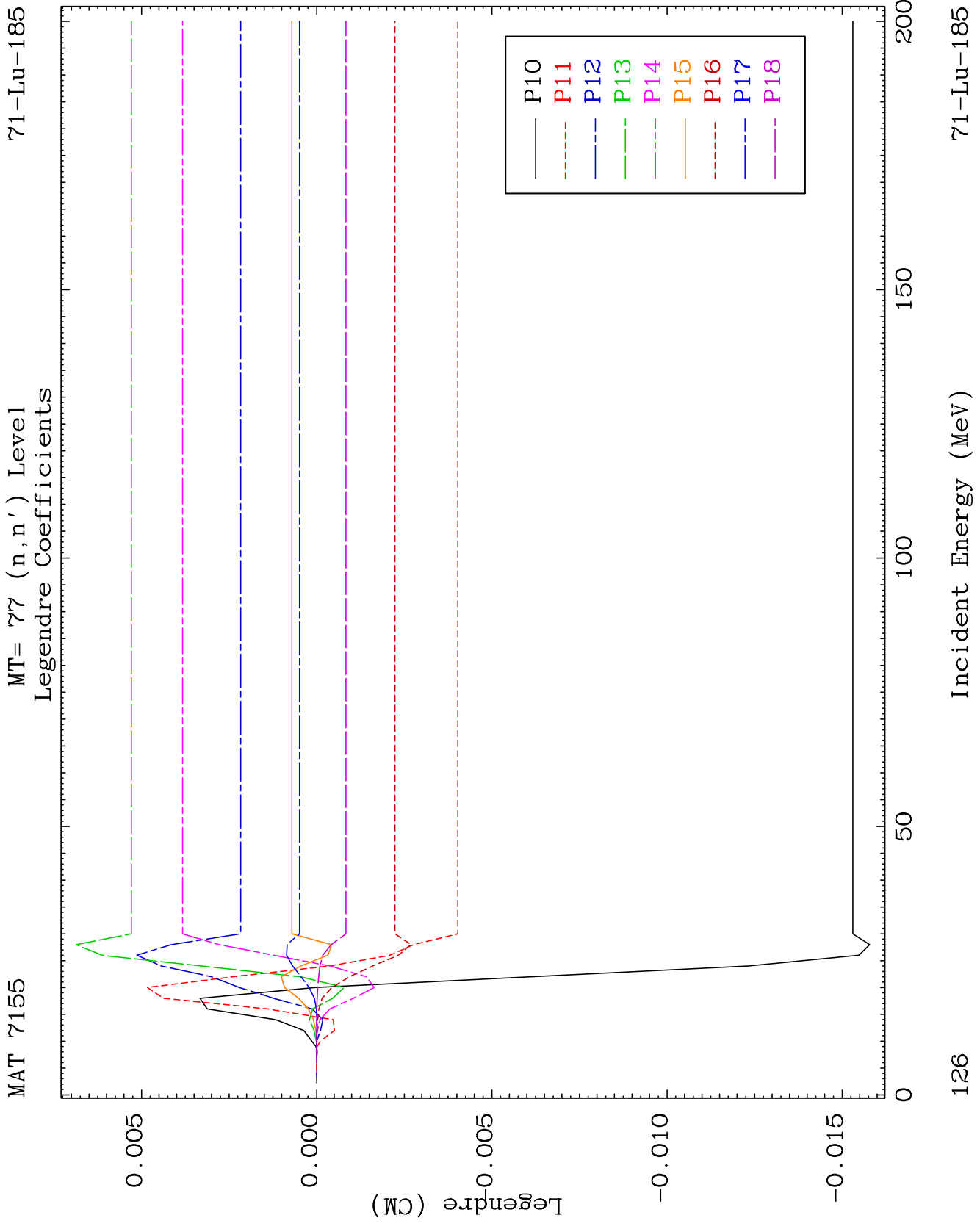
71-Lu-185



71-Lu-185

Incident Energy (MeV)

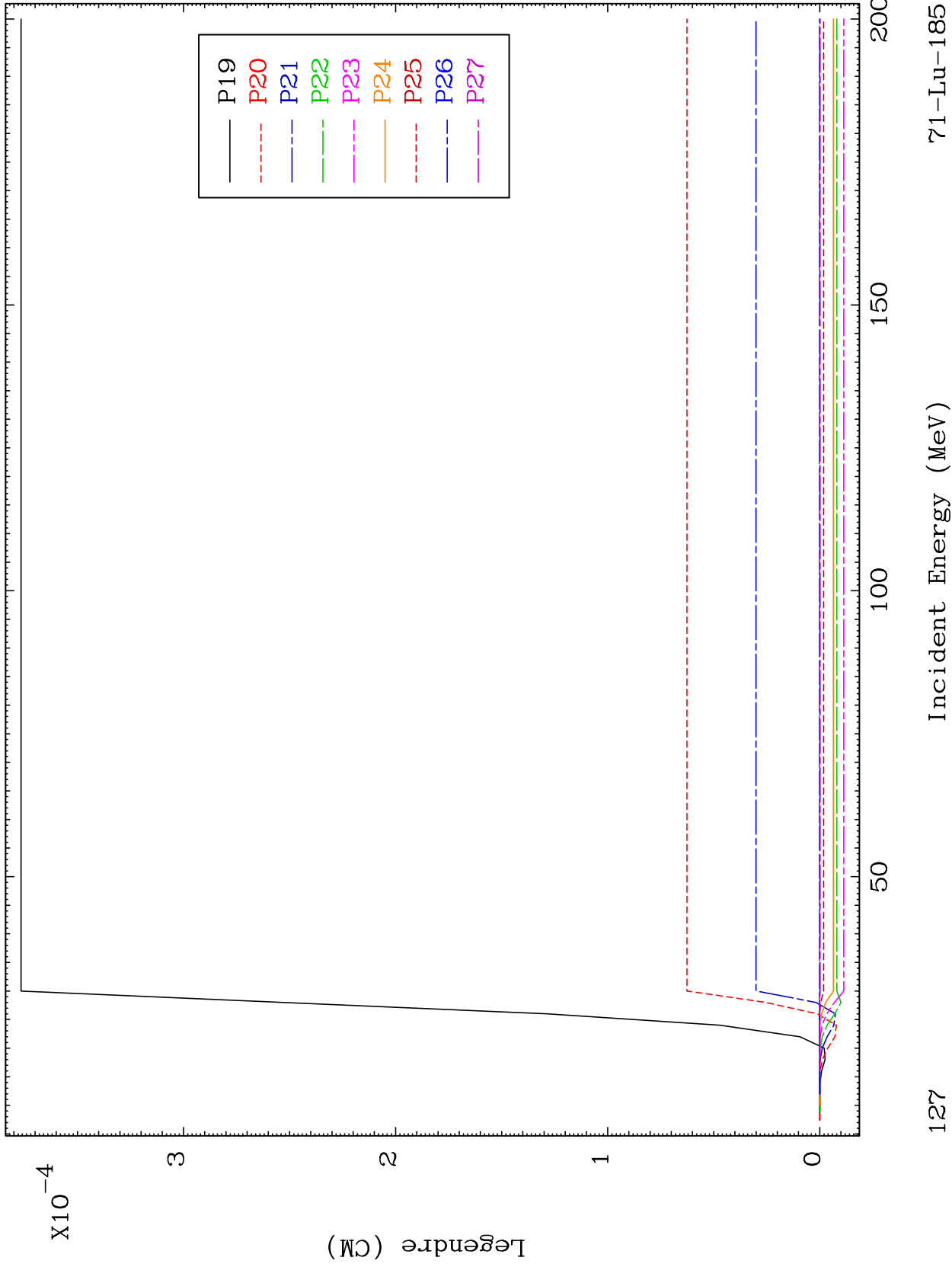
125



MAT 7155

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

71-Lu-185



127

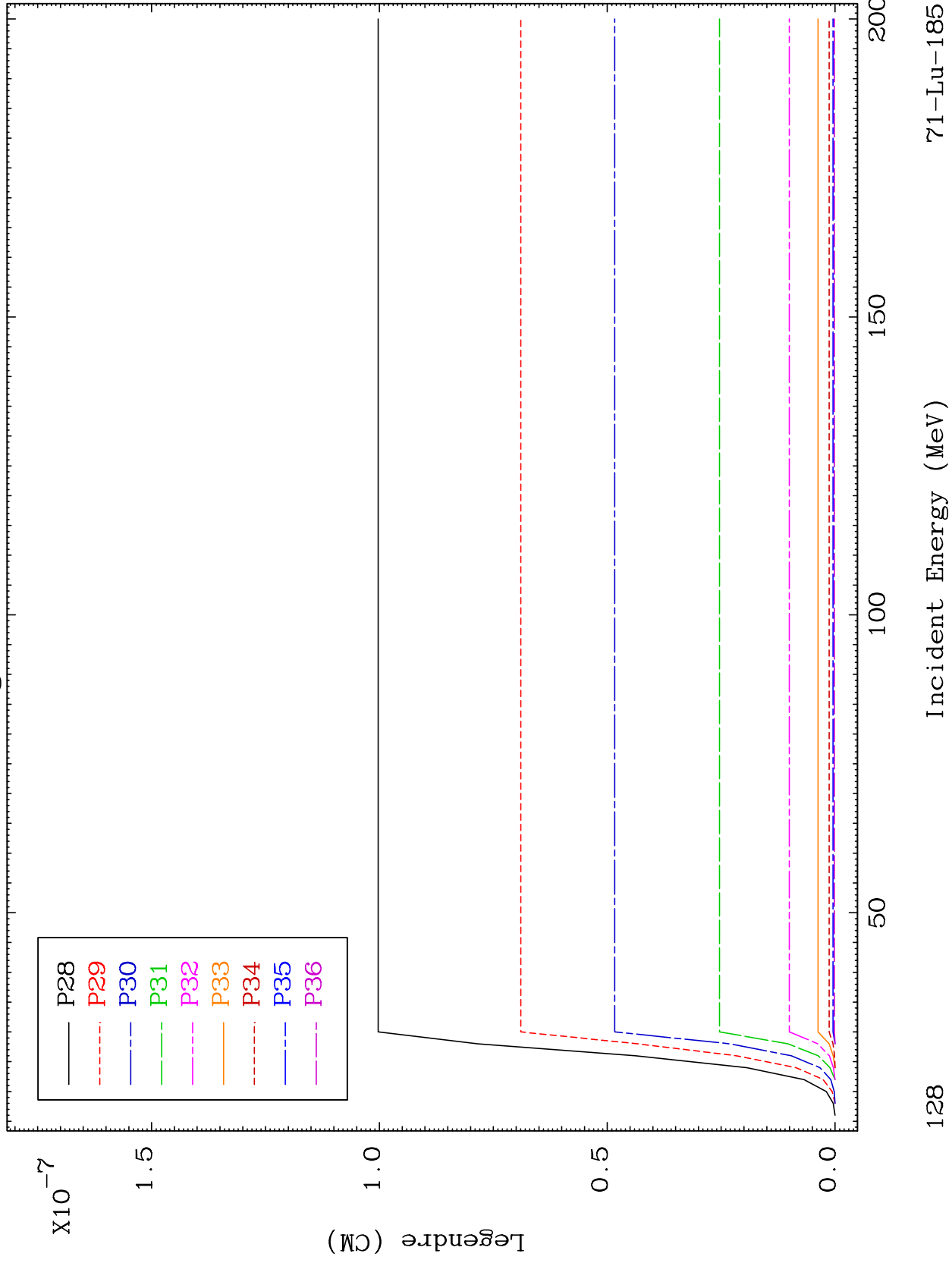
Incident Energy (MeV)

71-Lu-185

MAT 7155

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

71-Lu-185



128

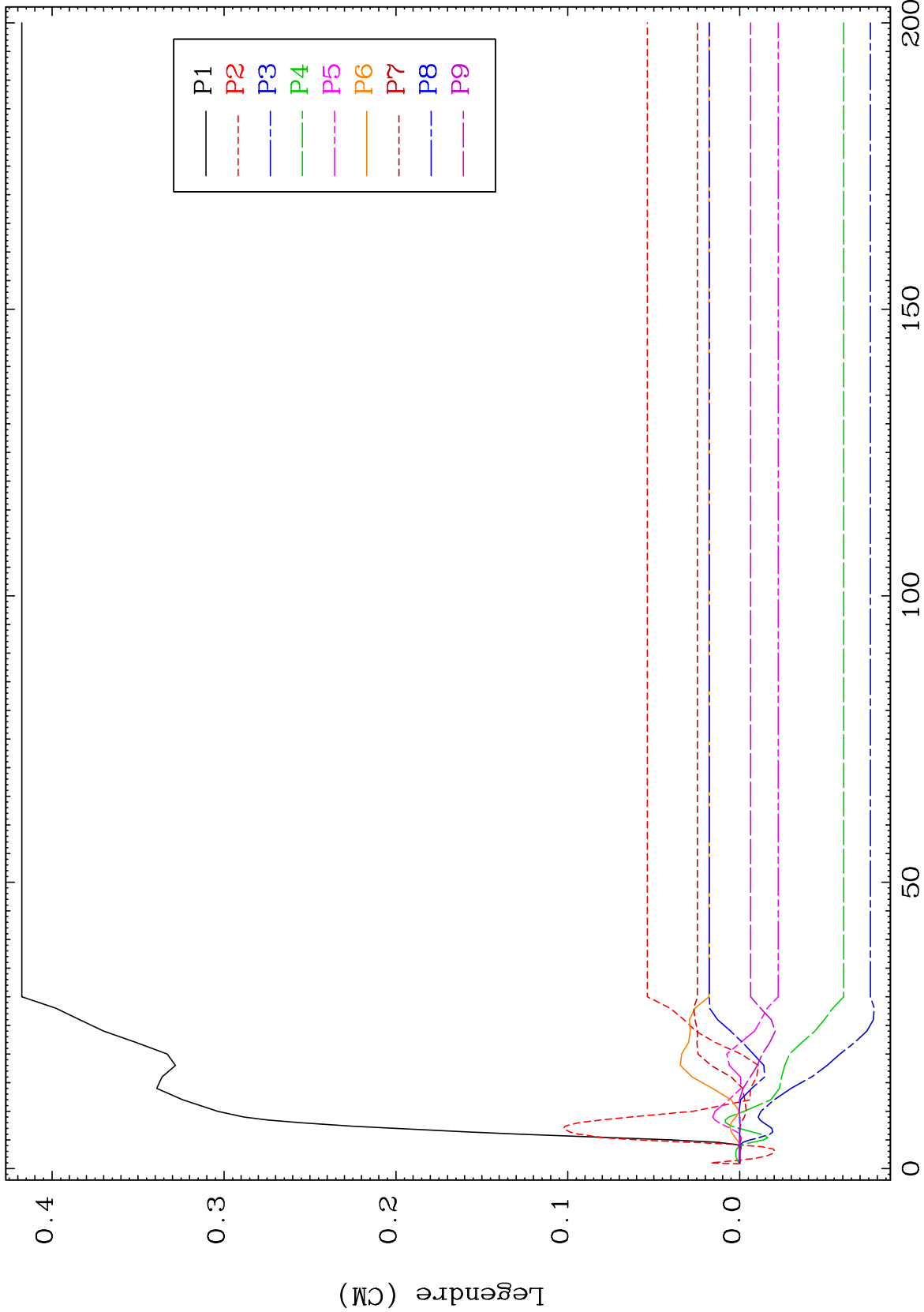
Incident Energy (MeV)

71-Lu-185

MAT 7155

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

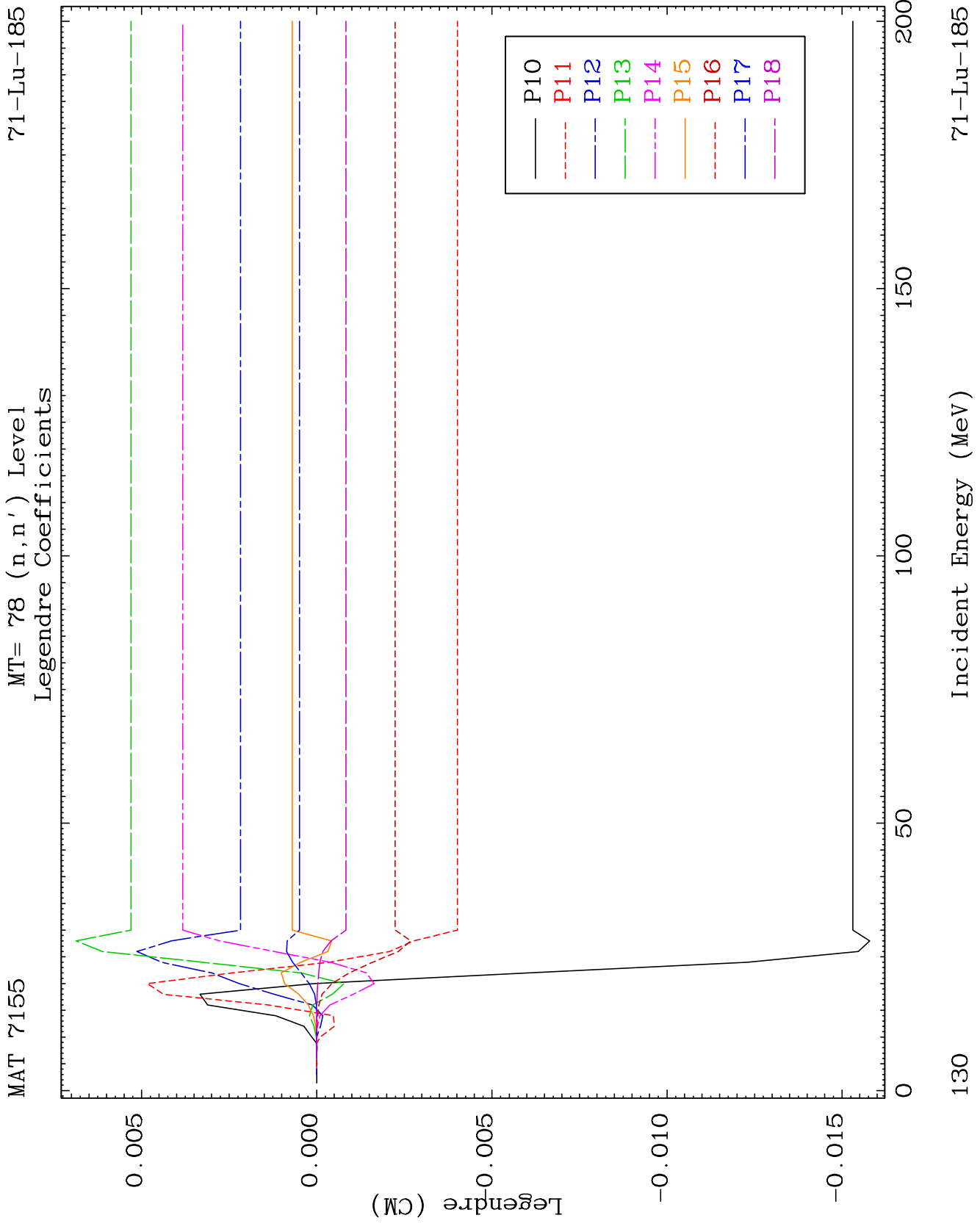
71-Lu-185



129

Incident Energy (MeV)

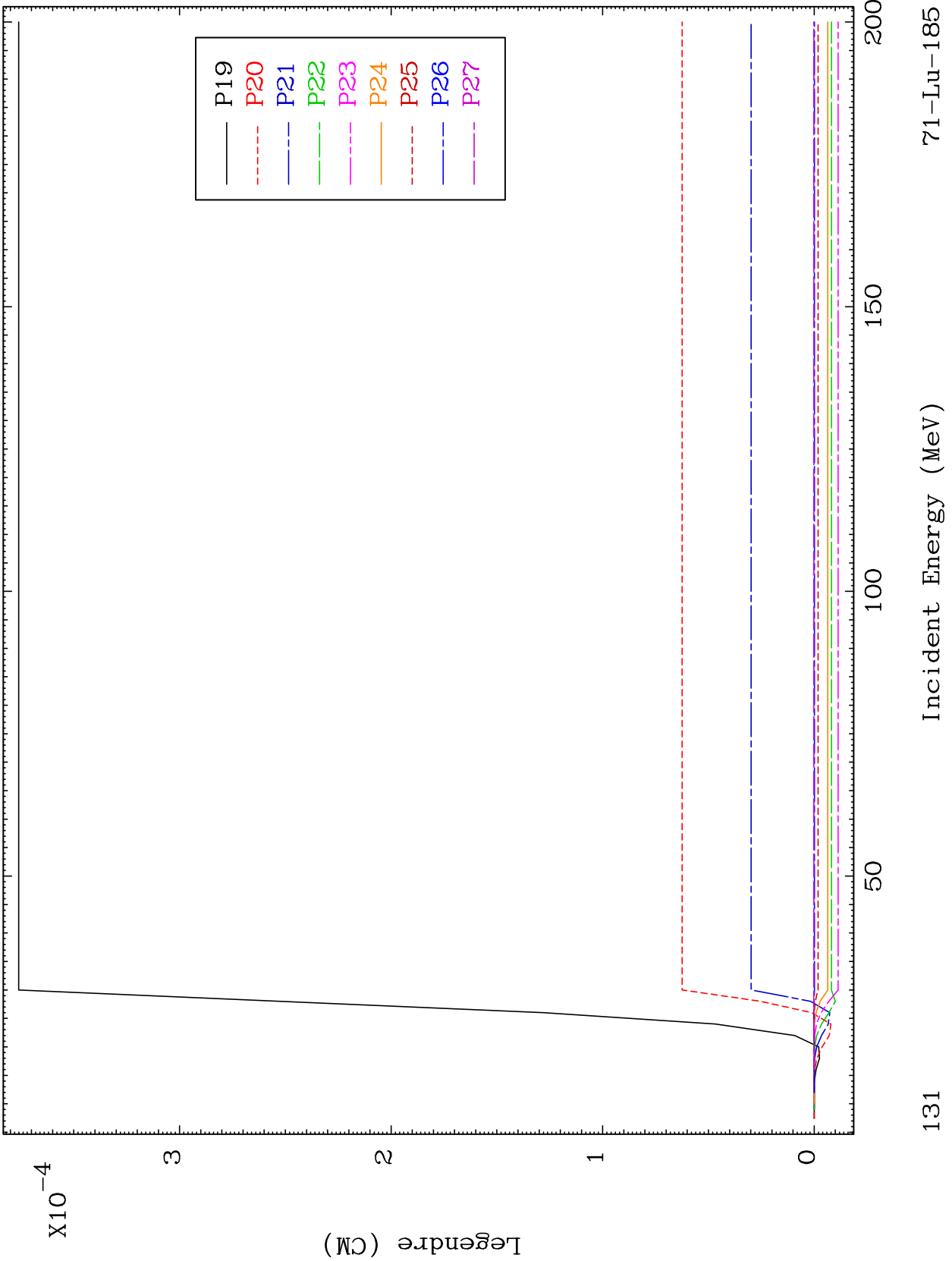
71-Lu-185



MAT 7155

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

71-Lu-185



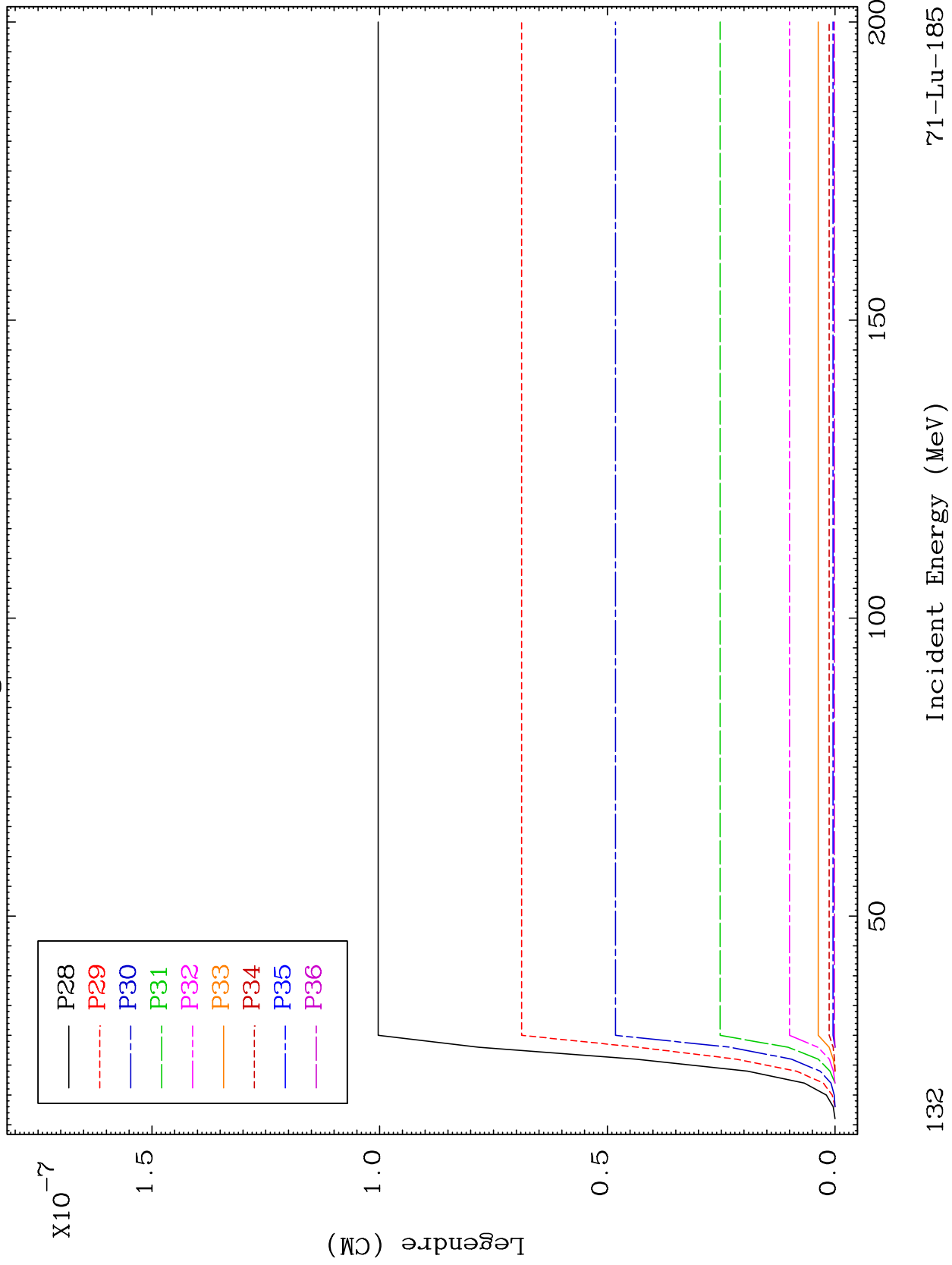
131

71-Lu-185

MAT 7155

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

71-Lu-185

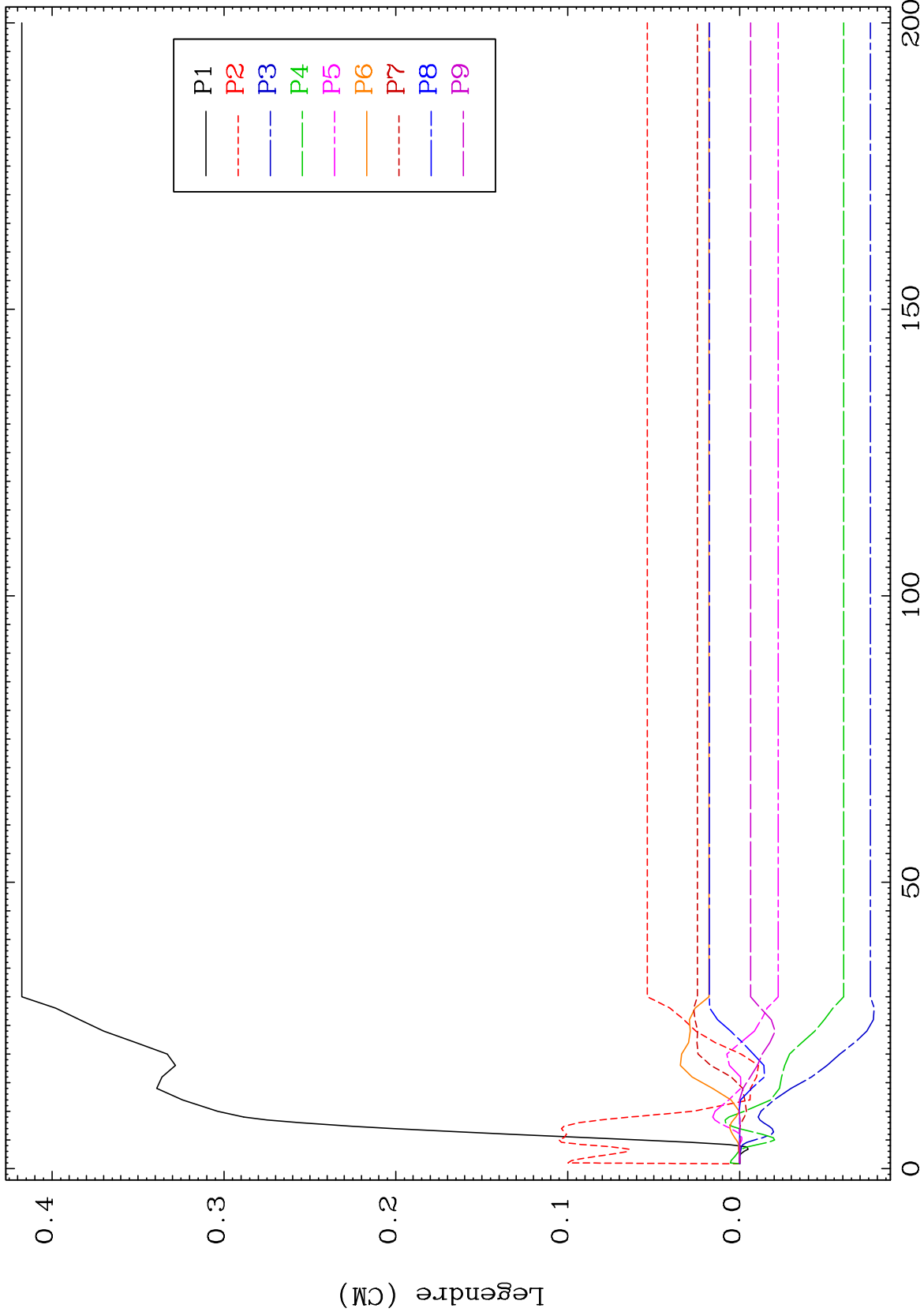


132

MAT 7155

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

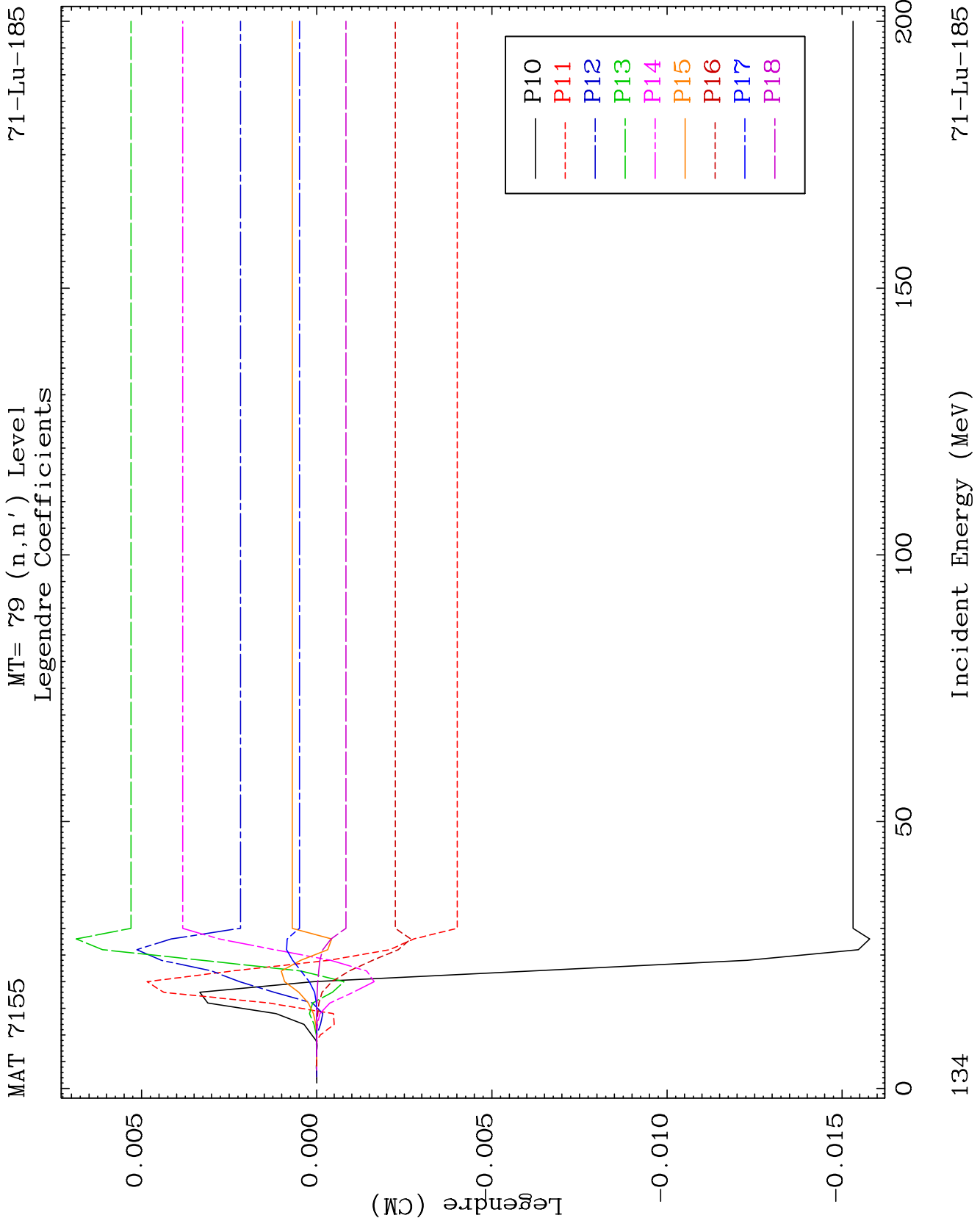
71-Lu-185



133

Incident Energy (MeV)

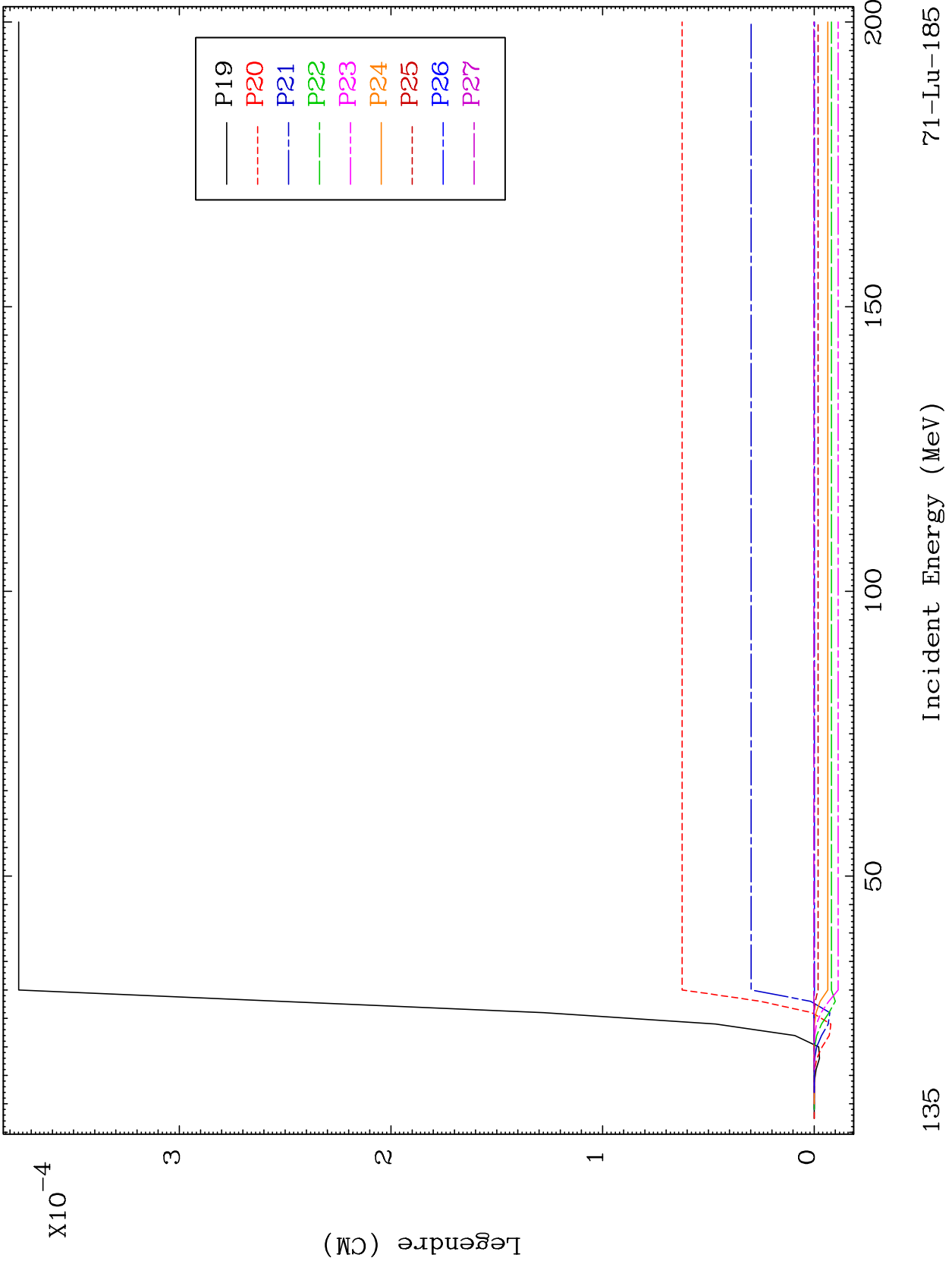
71-Lu-185



MAT 7155

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

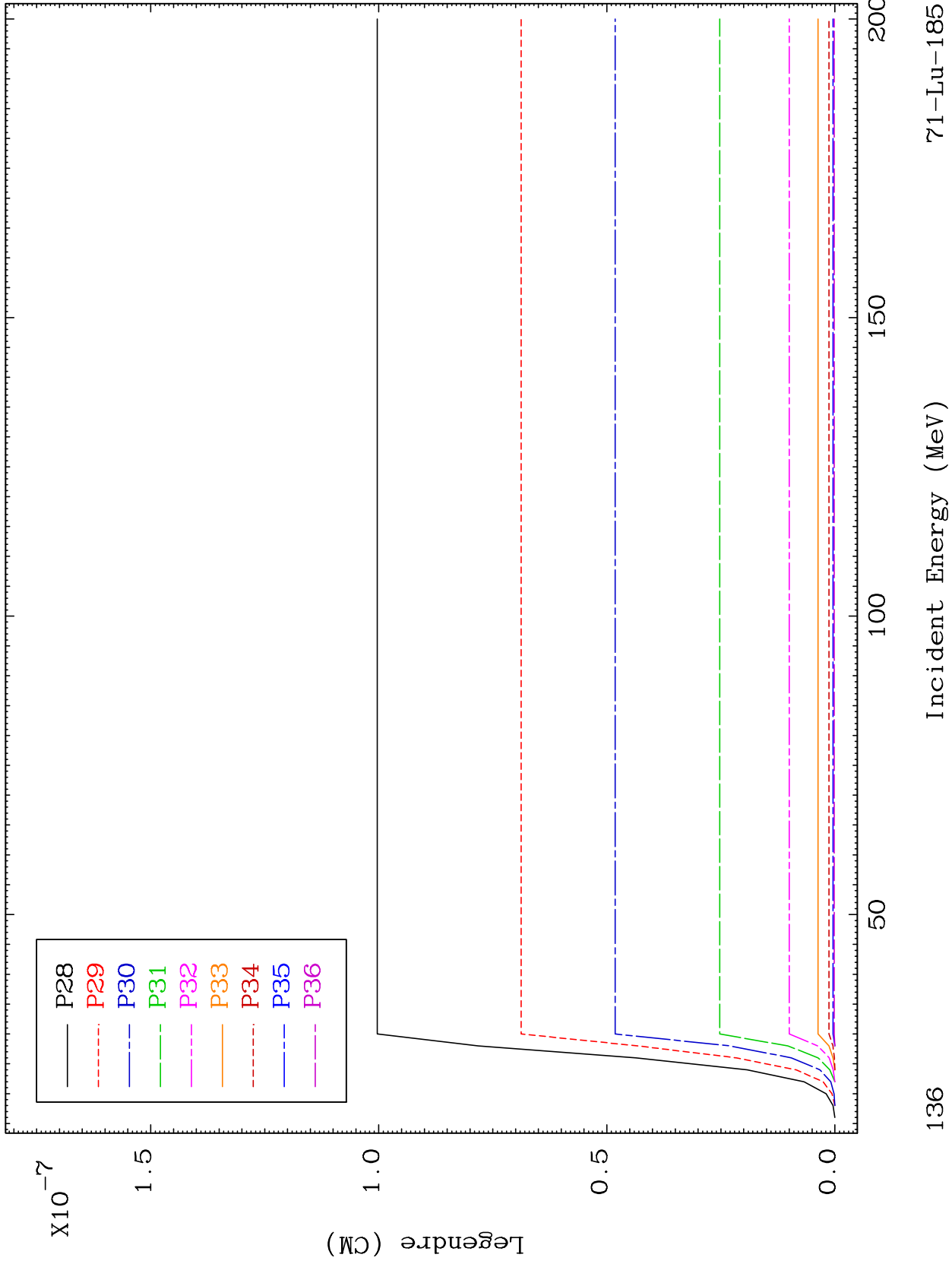
71-Lu-185

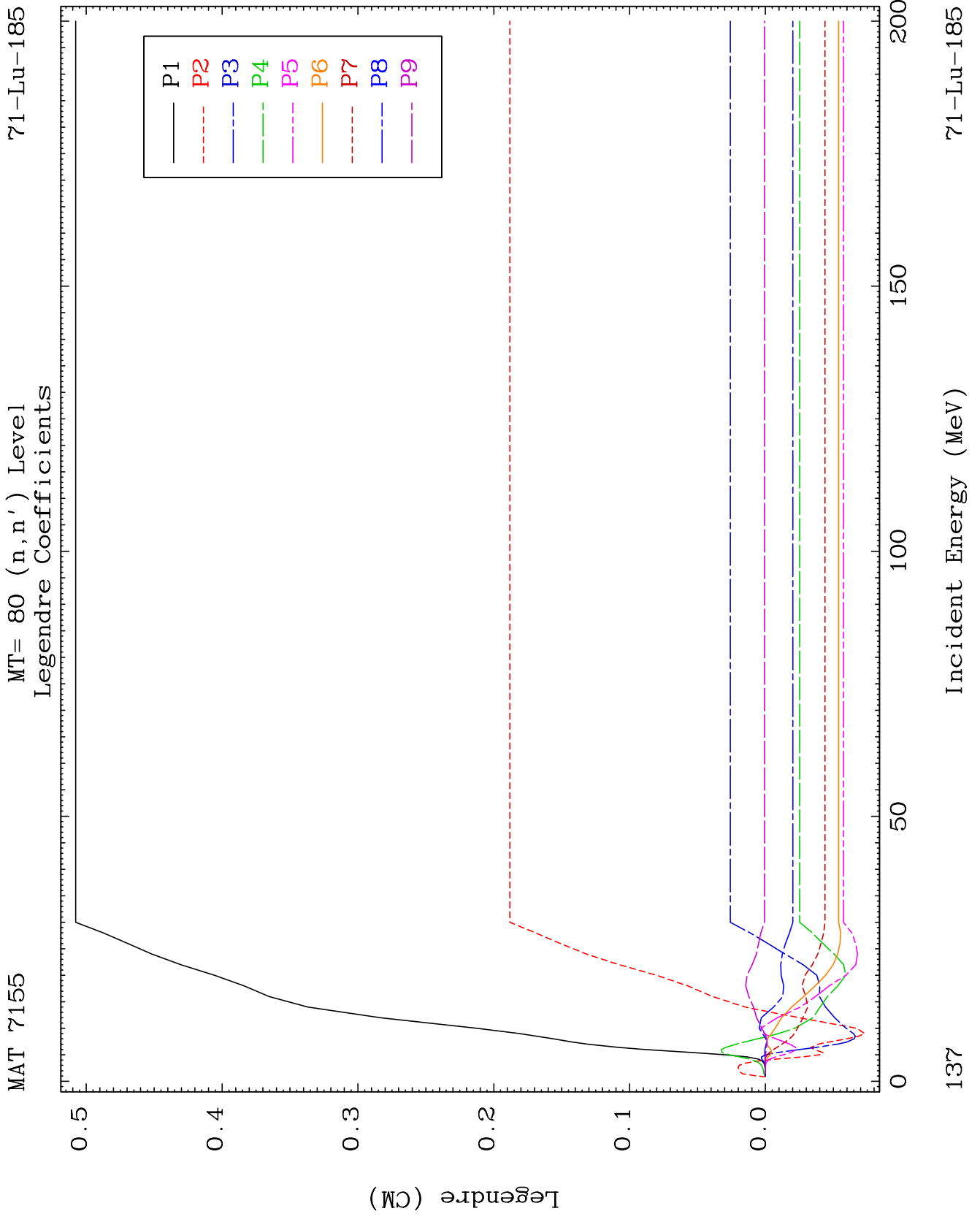


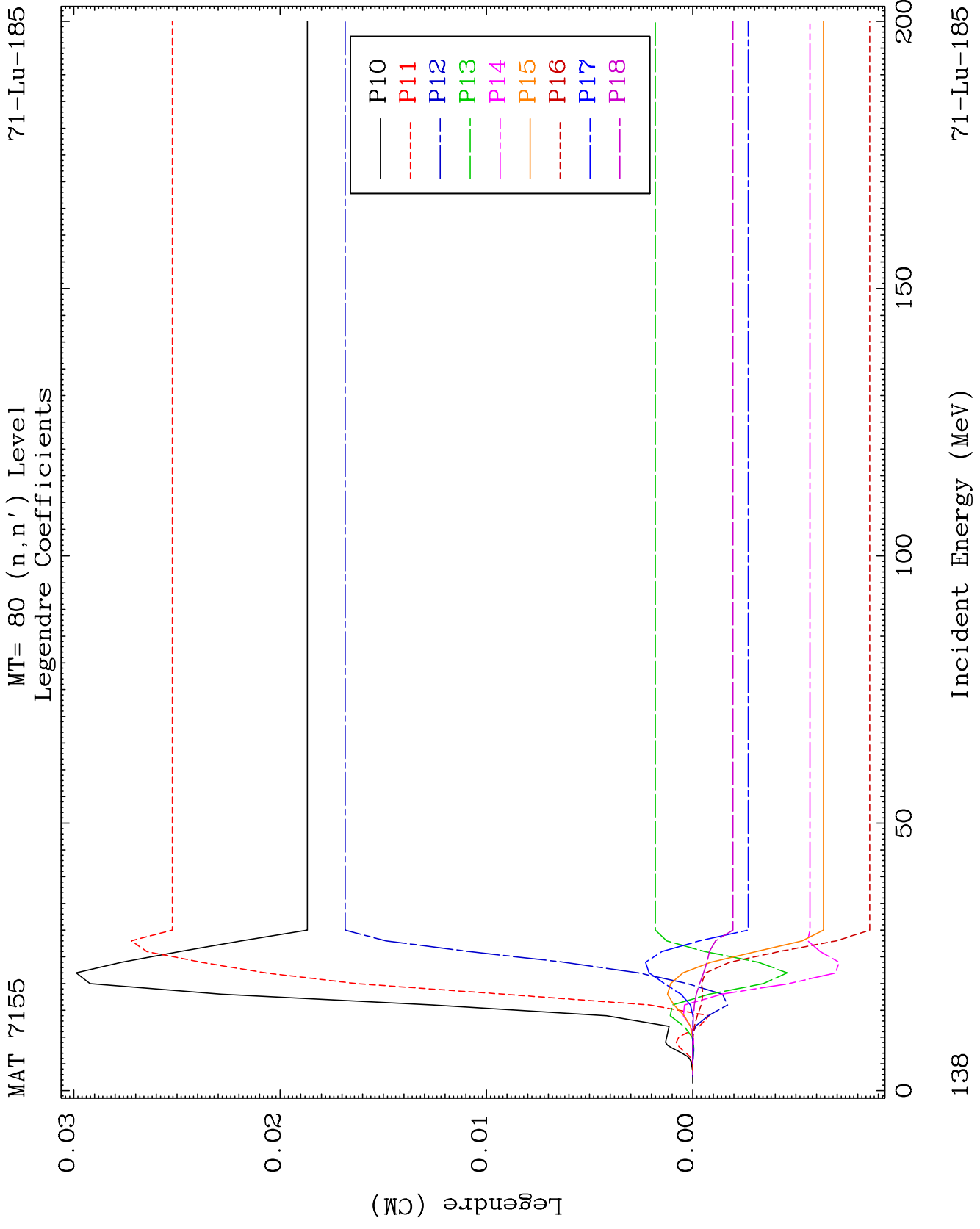
MAT 7155

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

71-Lu-185



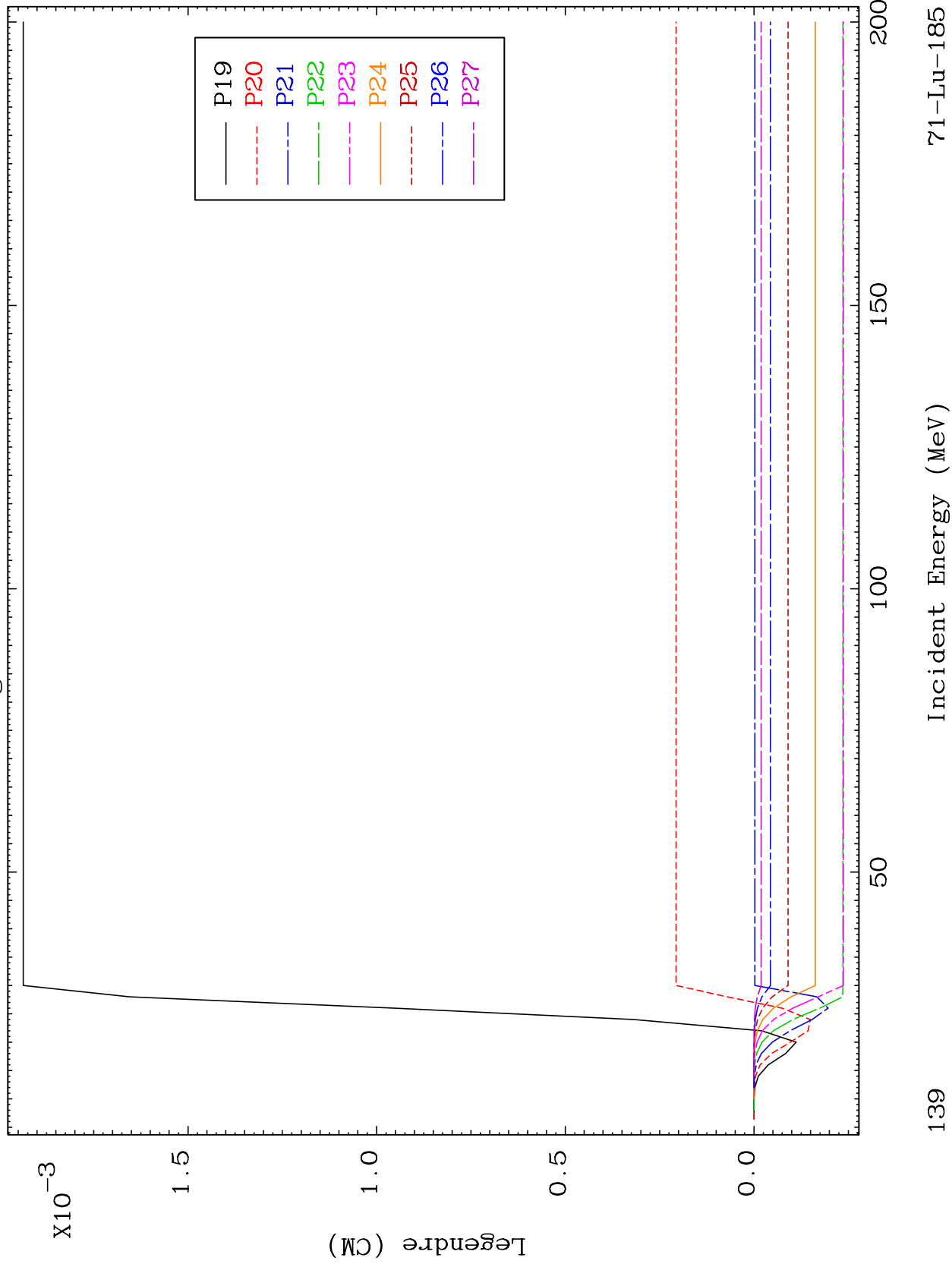


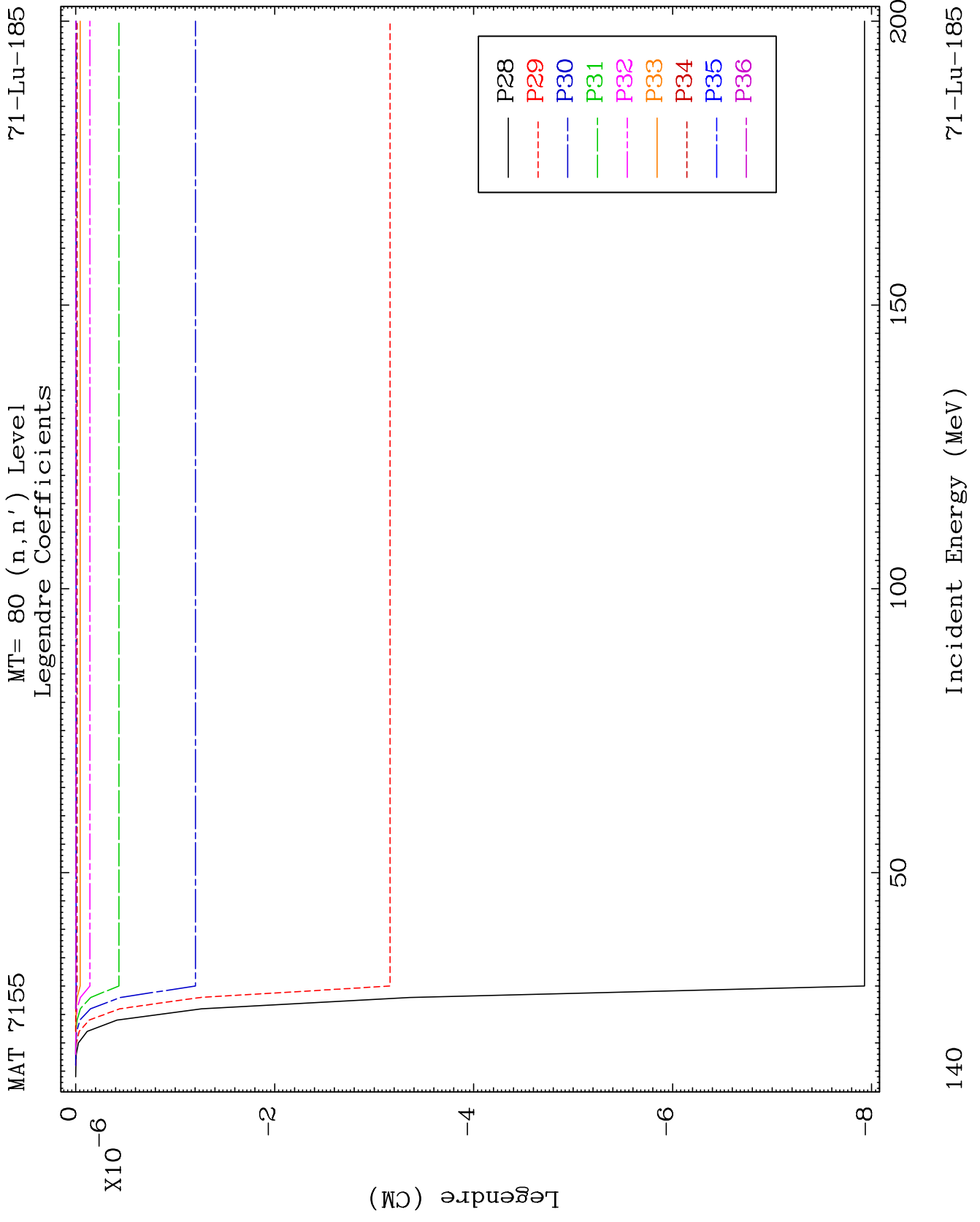


MAT 7155

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

71-Lu-185



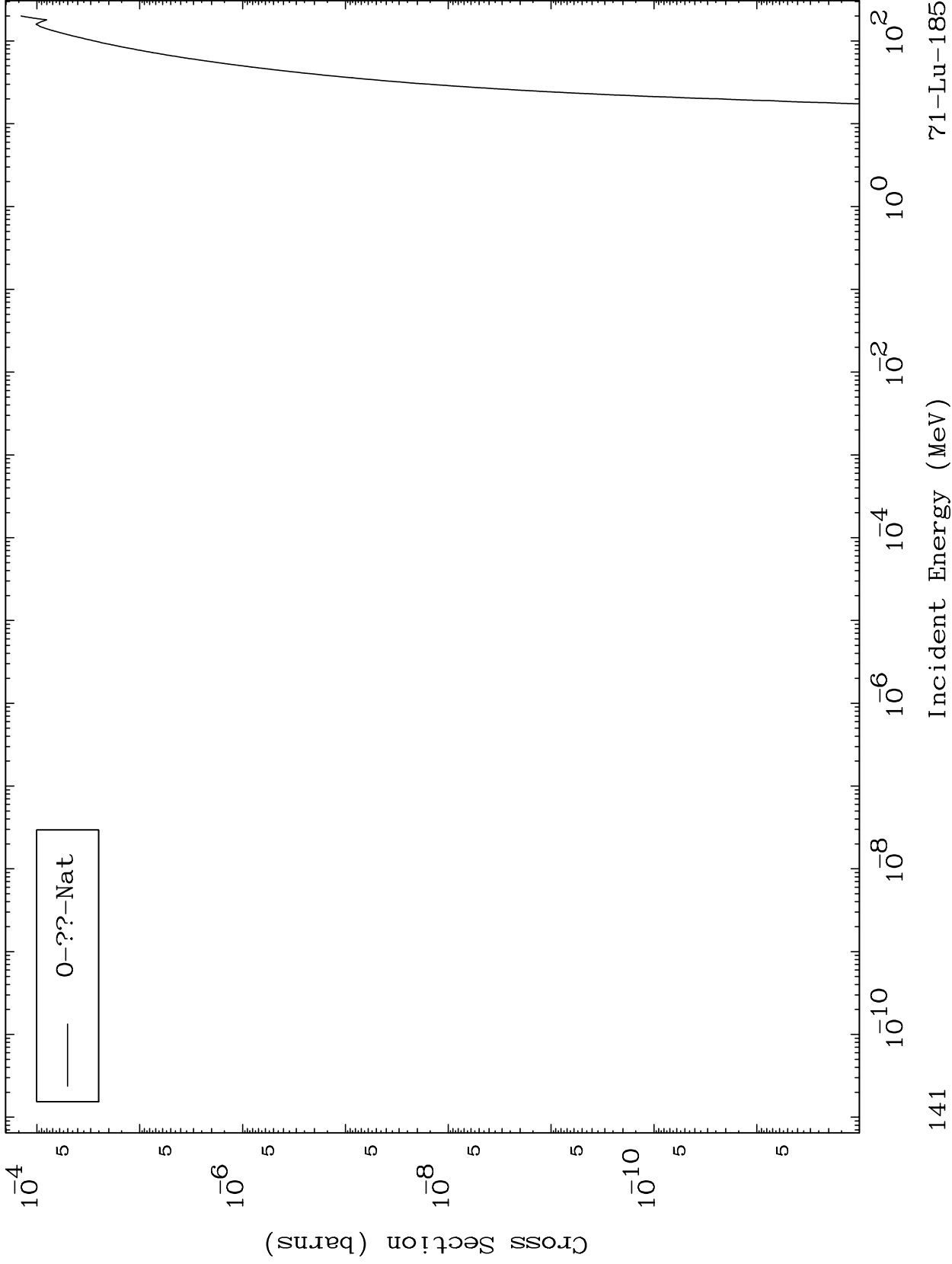


MAT 7155

Fission

⁷¹-Lu-185

Radionuclide Production Cross Section



141

Incident Energy (MeV)

⁷¹-Lu-185