

Program EVALPLOT
(Version 2021-1)

by

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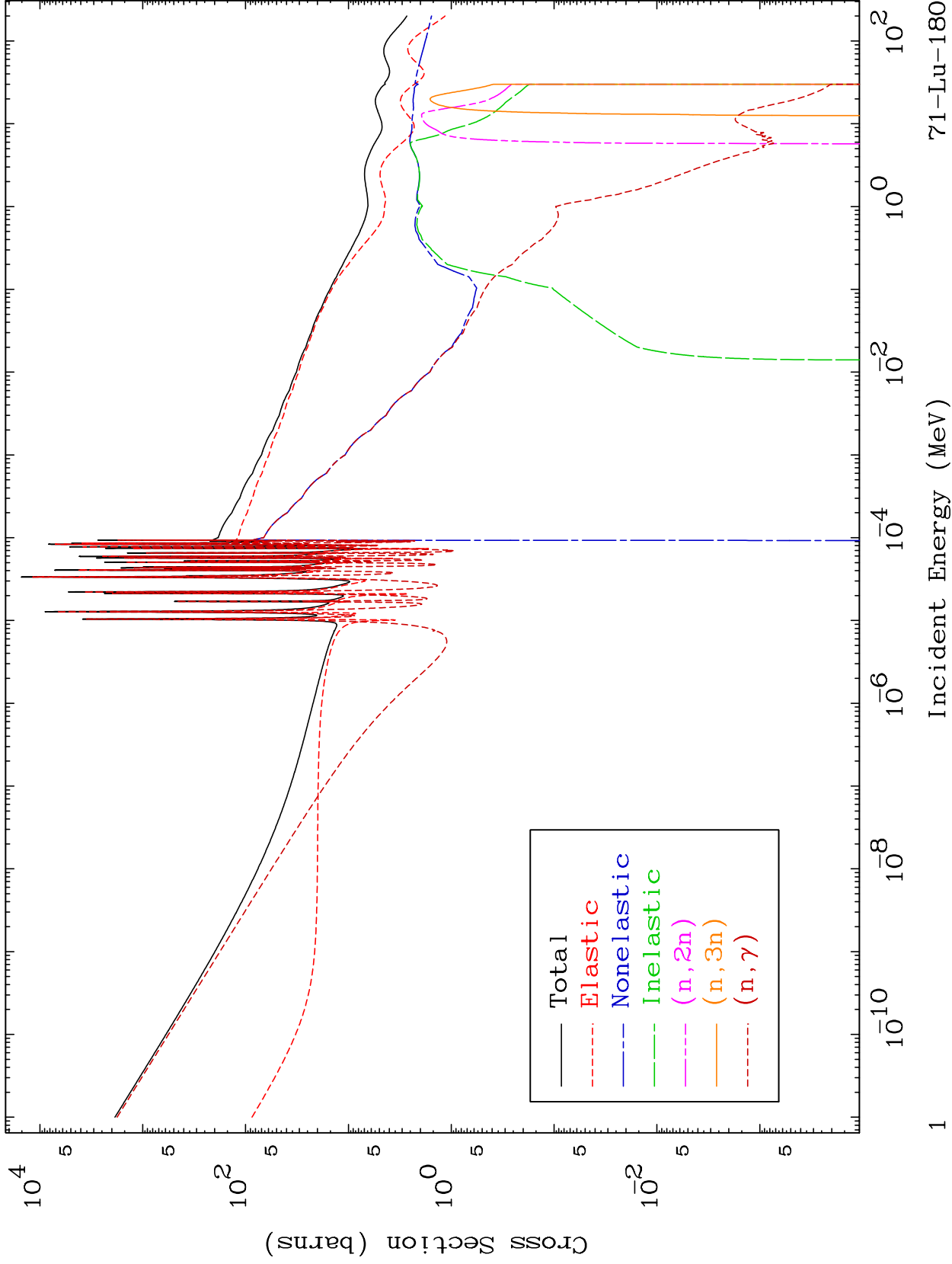
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7140

Neutron Major
293 Kelvin Cross Sections

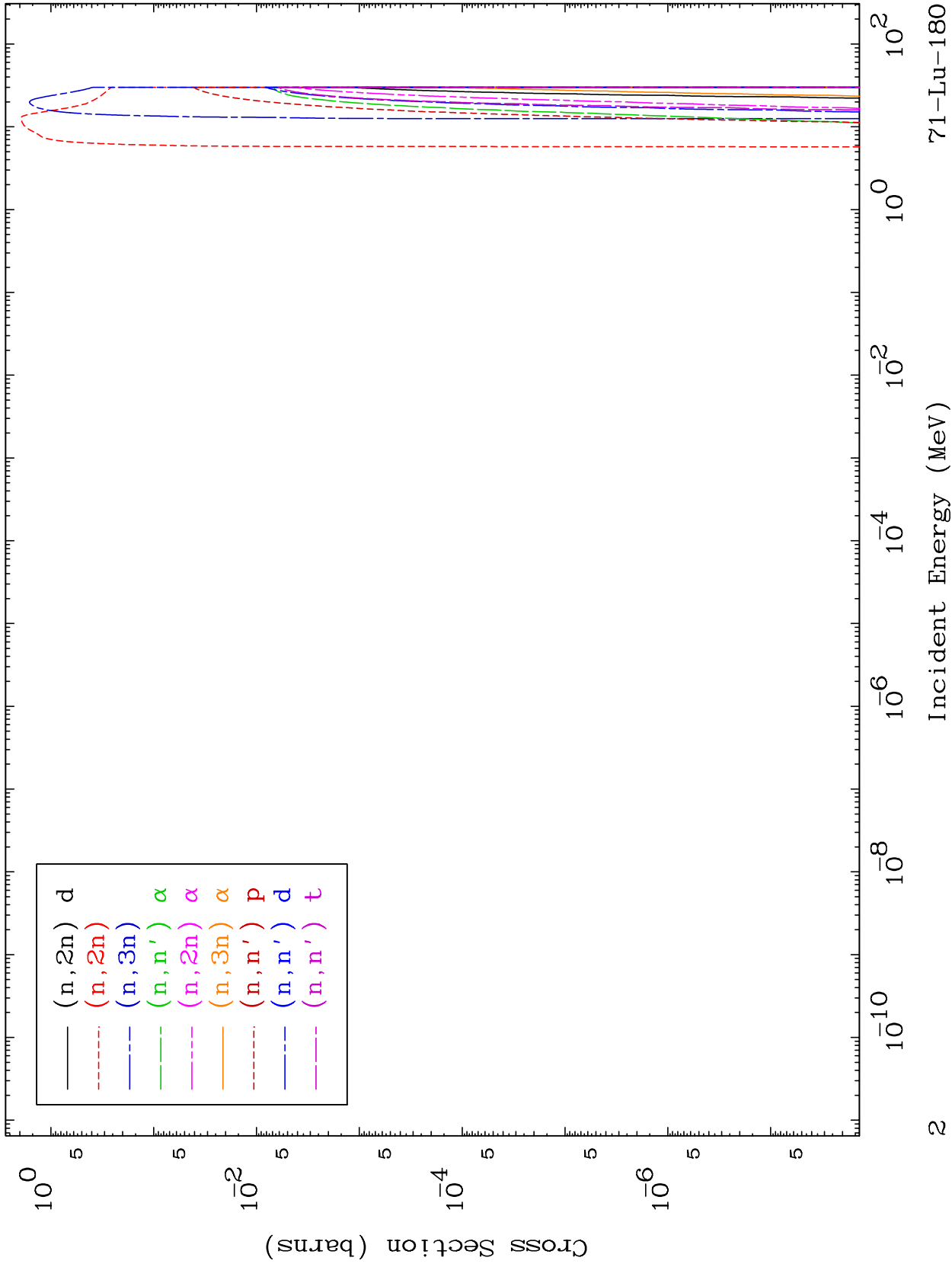
71-Lu-180



MAT 7140

Neutron Absorption
293 Kelvin Cross Sections

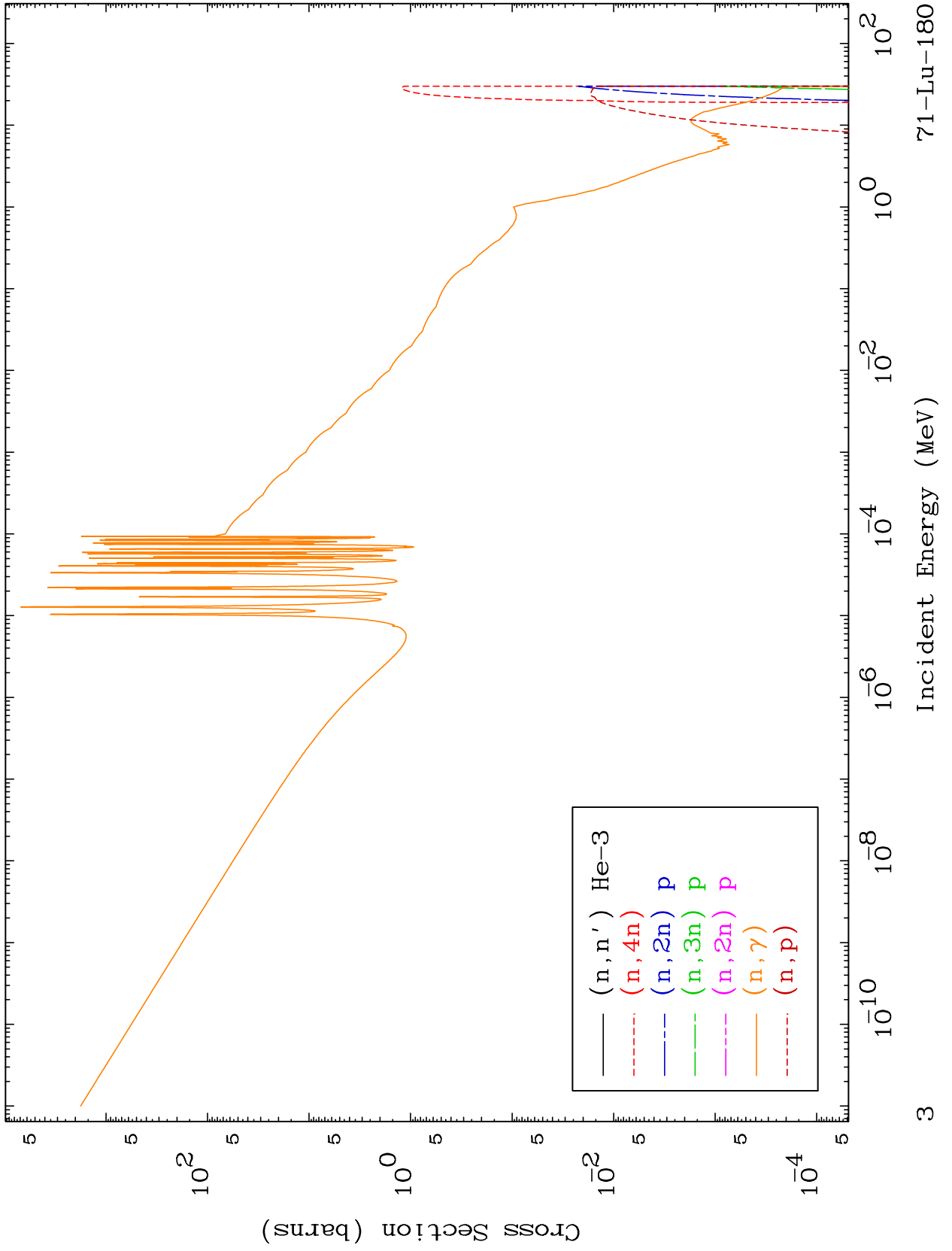
71-Lu-180

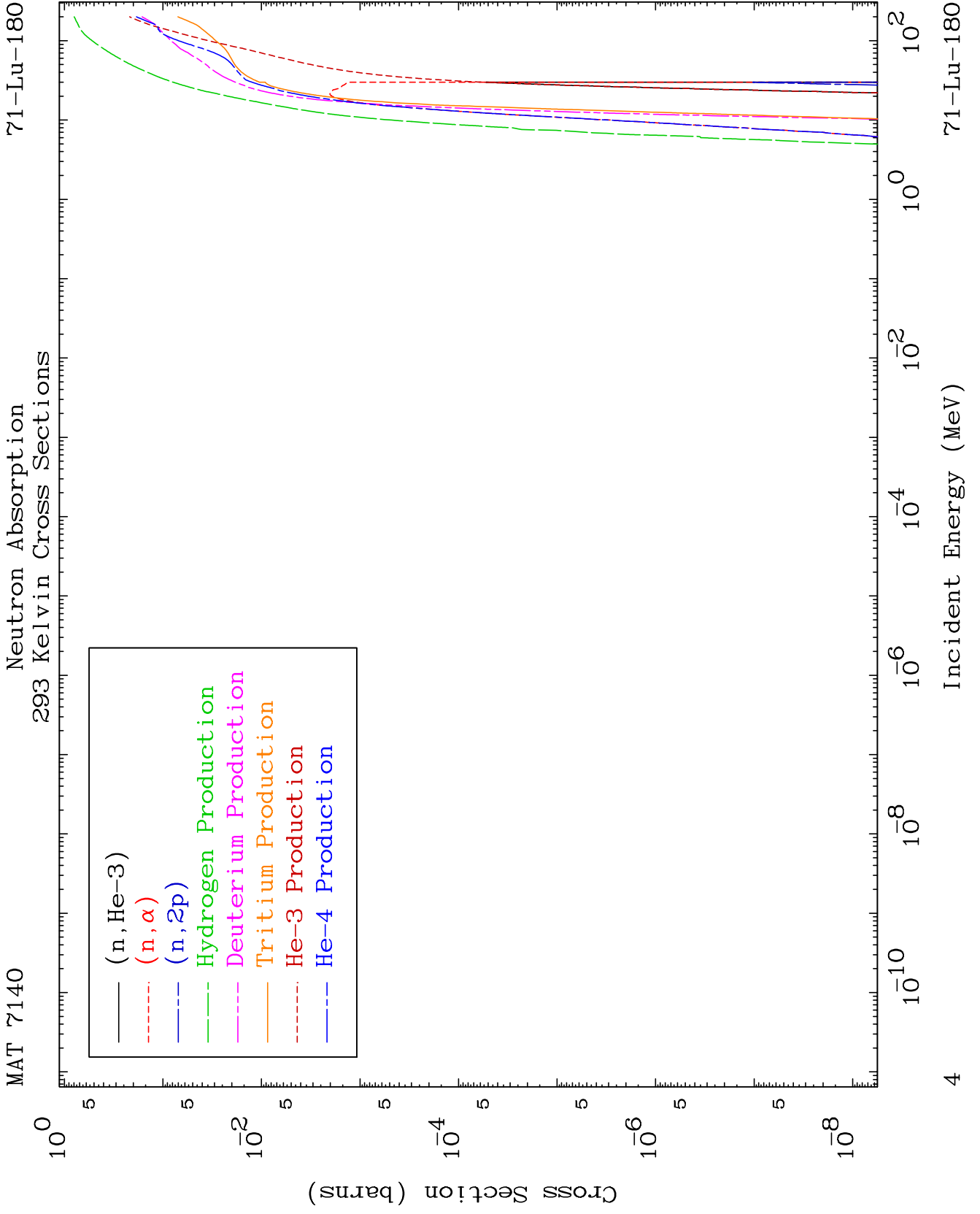


MAT 7140

Neutron Absorption
293 Kelvin Cross Sections

71-Lu-180

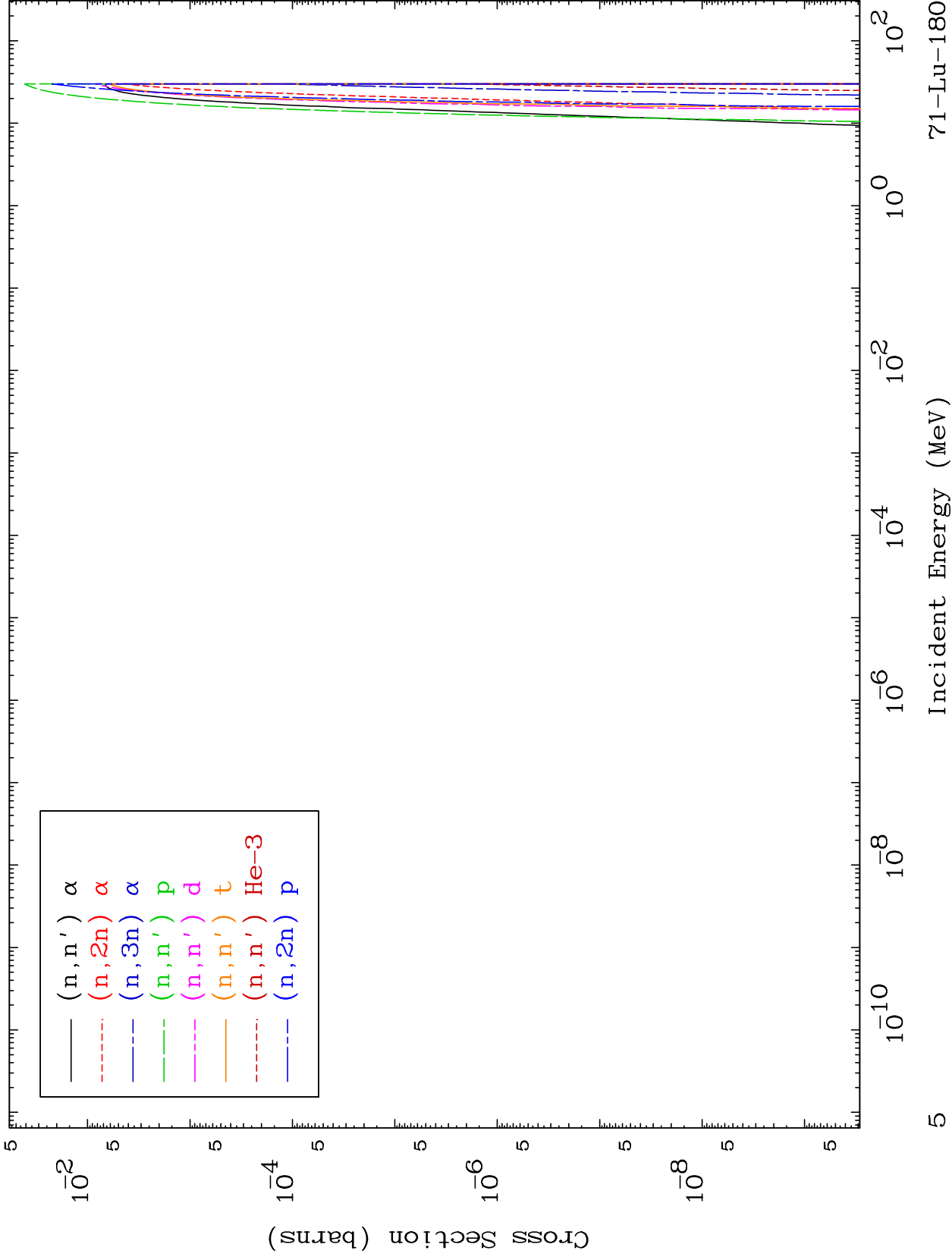




MAT 7140

Charged Particle
293 Kelvin Cross Sections

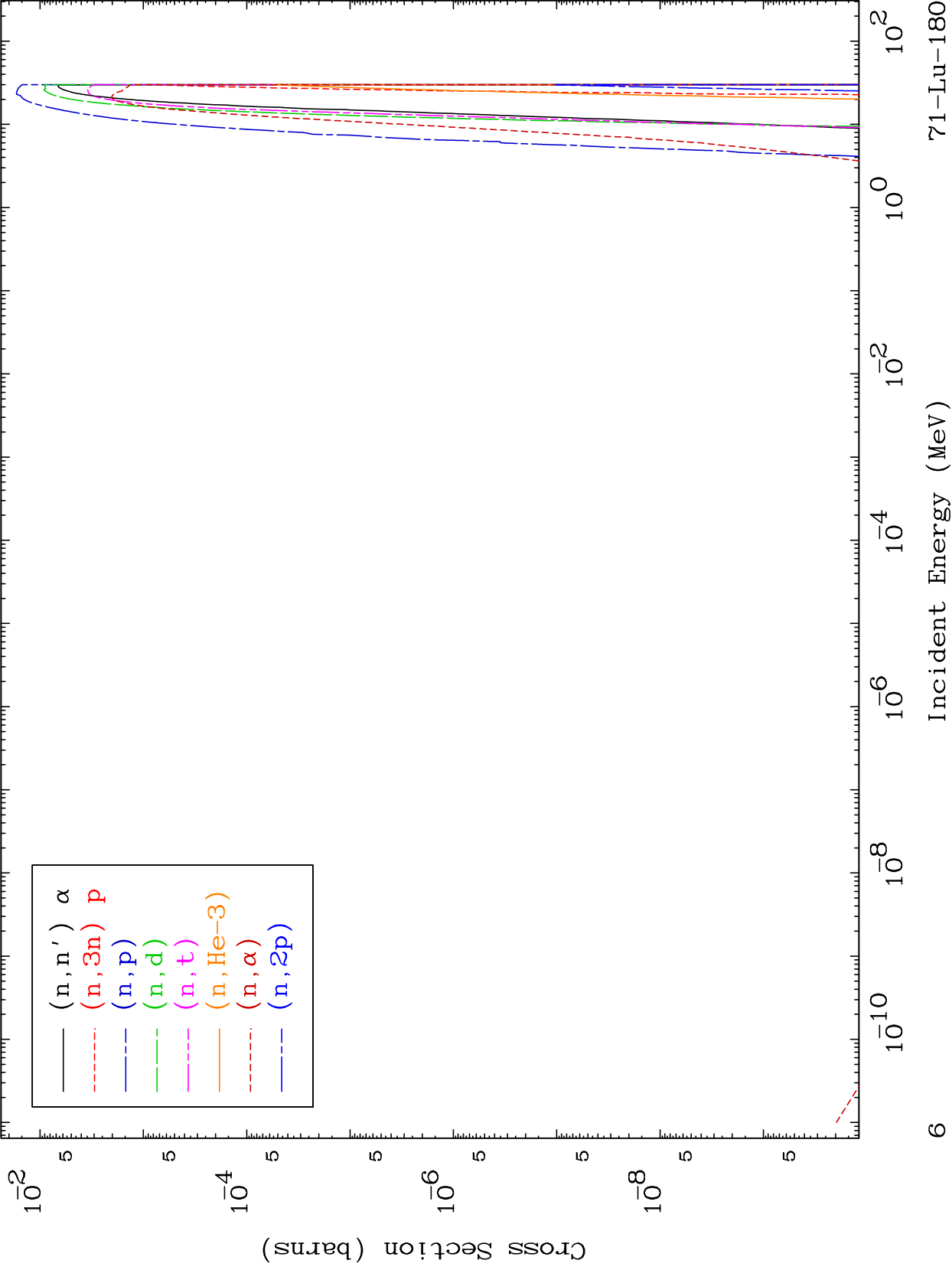
71-Lu-180



MAT 7140

Charged Particle
293 Kelvin Cross Sections

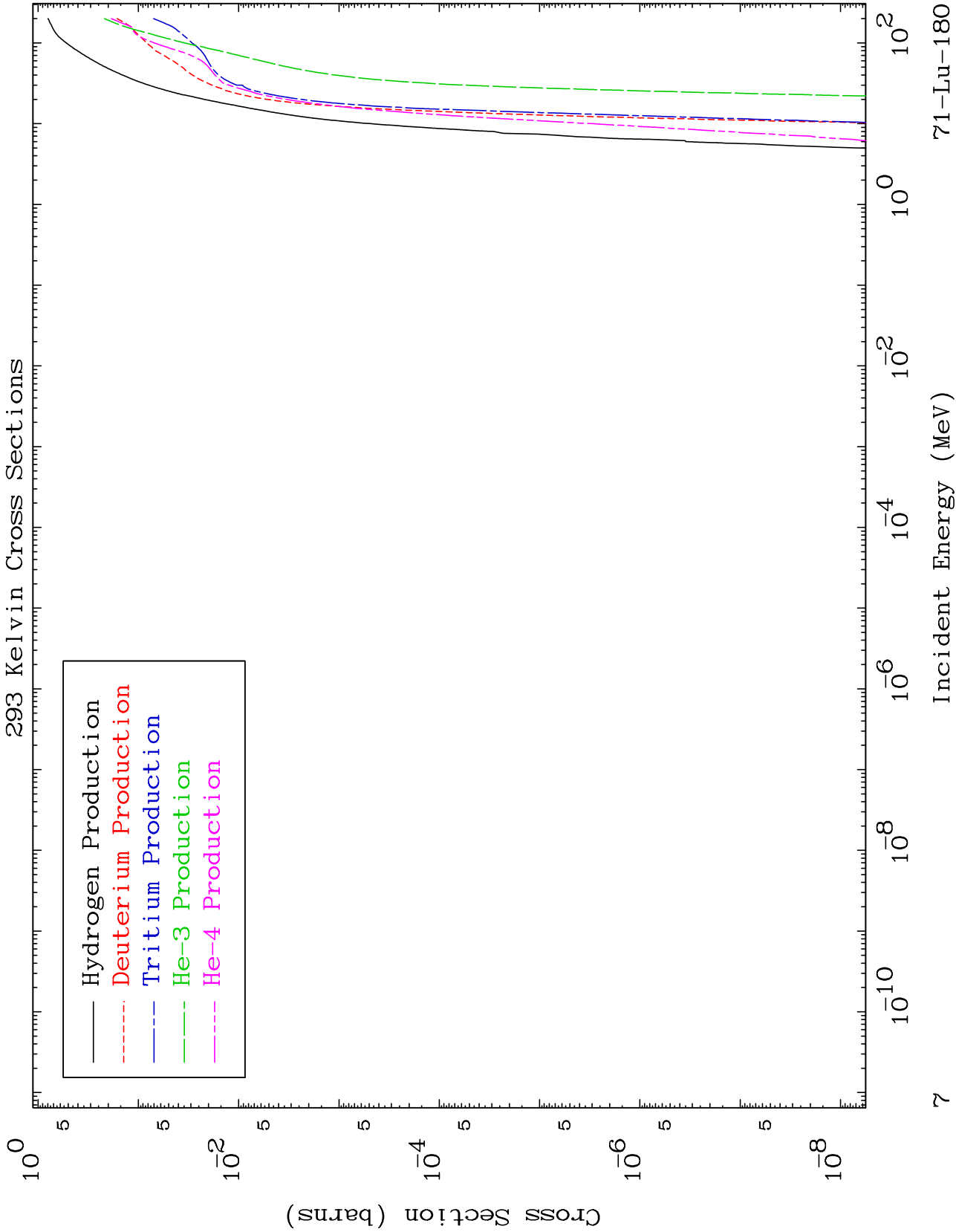
71-Lu-180



MAT 7140

Particle Production
293 Kelvin Cross Sections

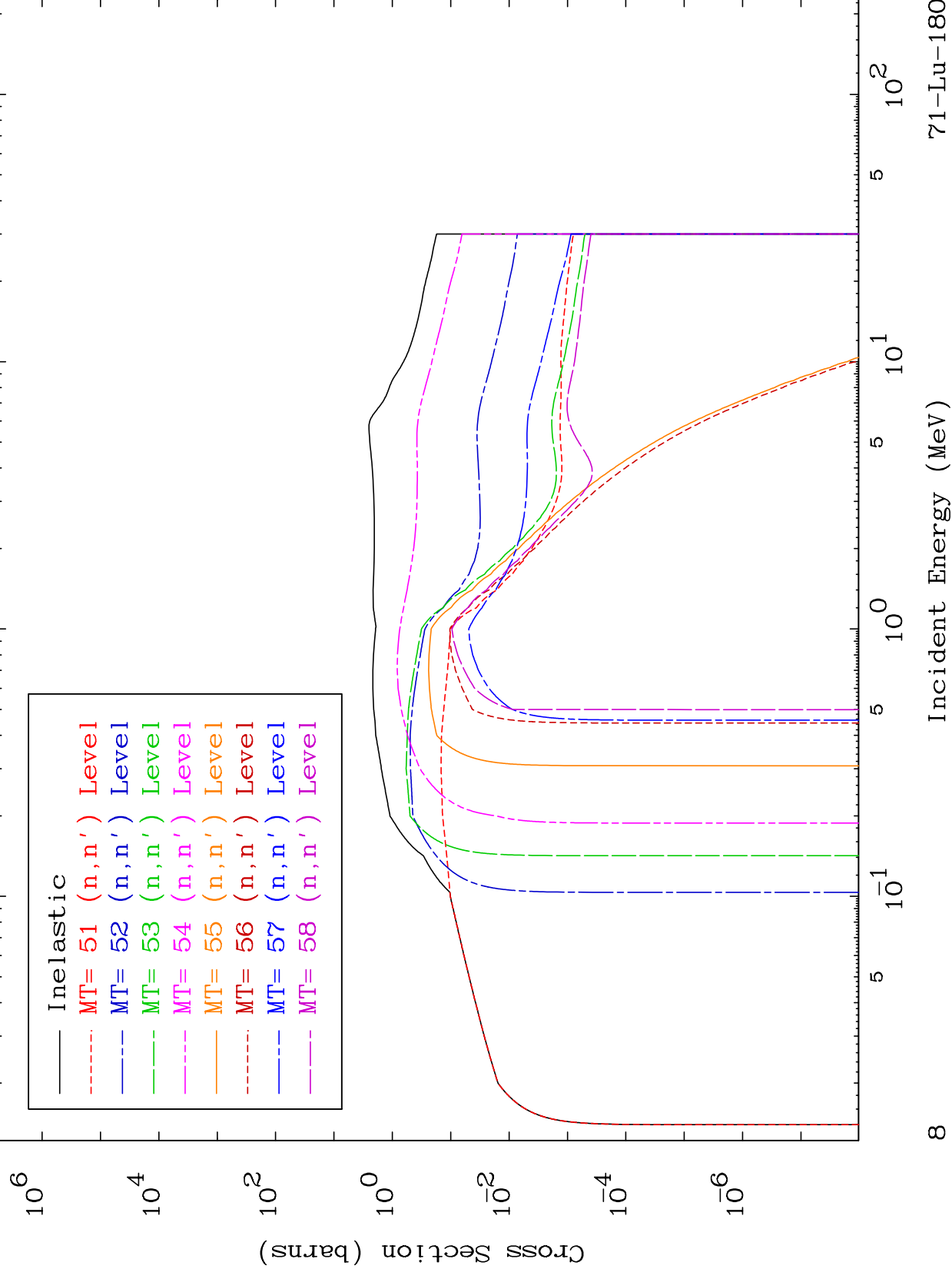
71-Lu-180



MAT 7140

(n,n') Levels
293 Kelvin Cross Sections

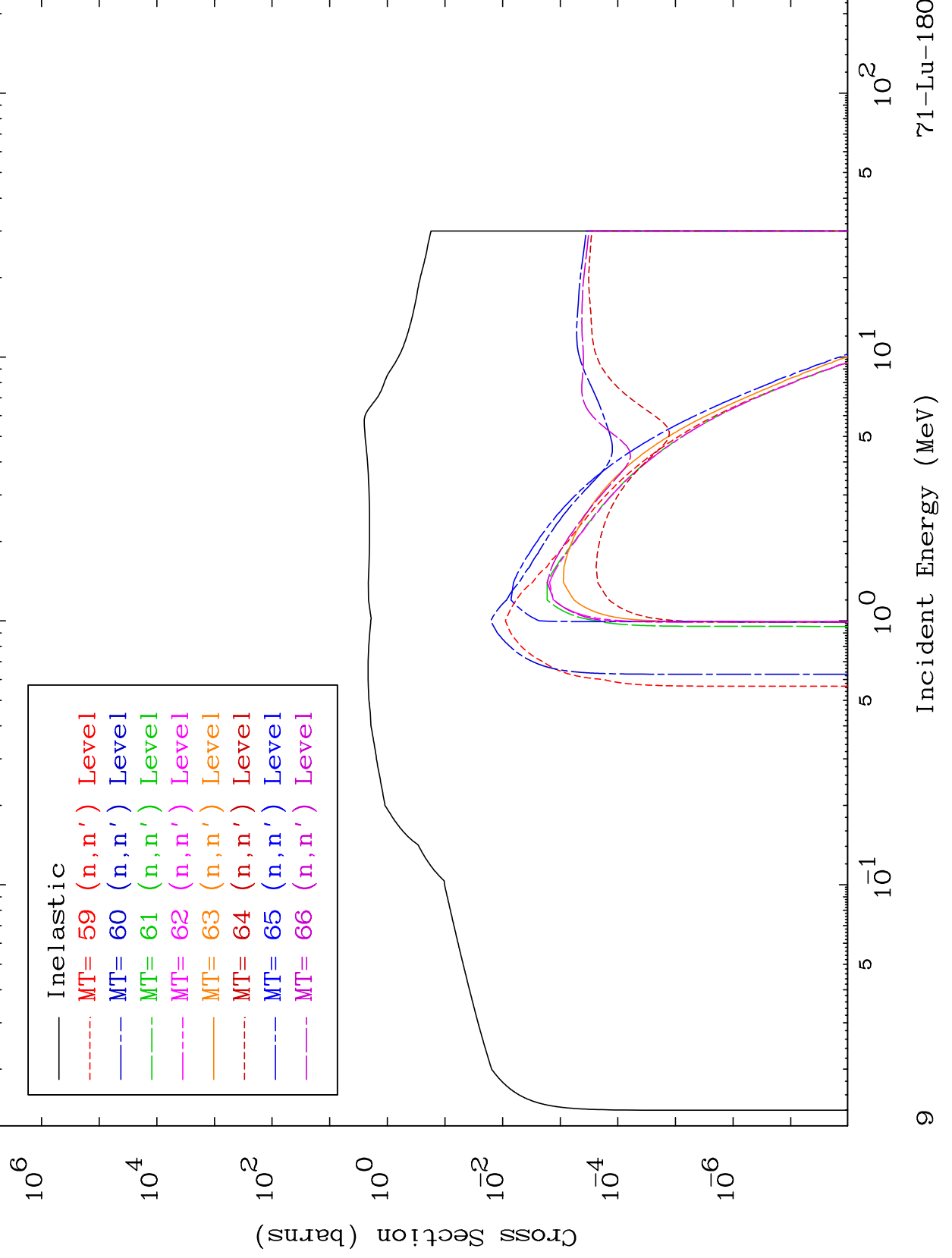
71-Lu-180



MAT 7140

293 Kelvin Cross Sections
(n,n') Levels

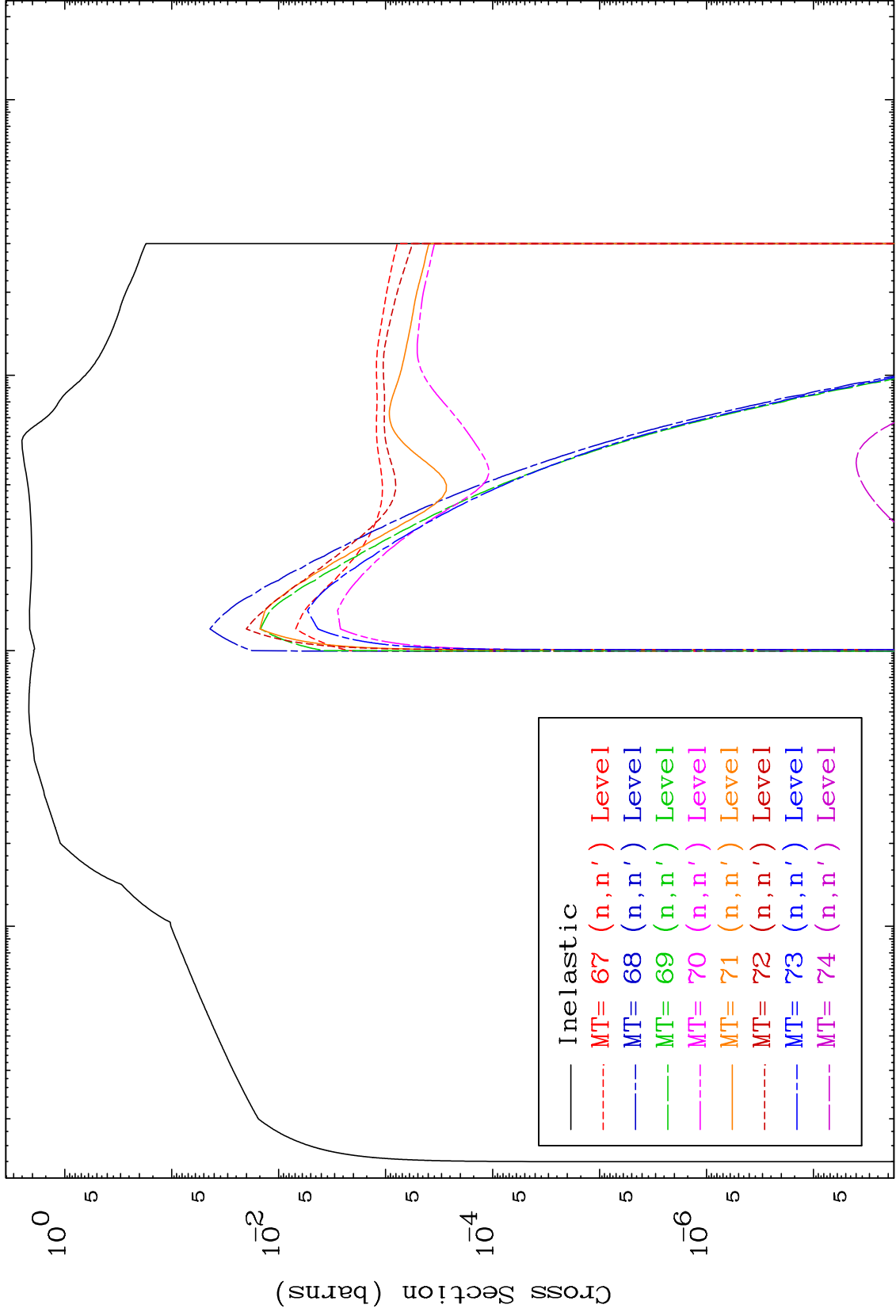
71-Lu-180



MAT 7140

293 Kelvin Cross Sections
(n,n') Levels

71-Lu-180



10

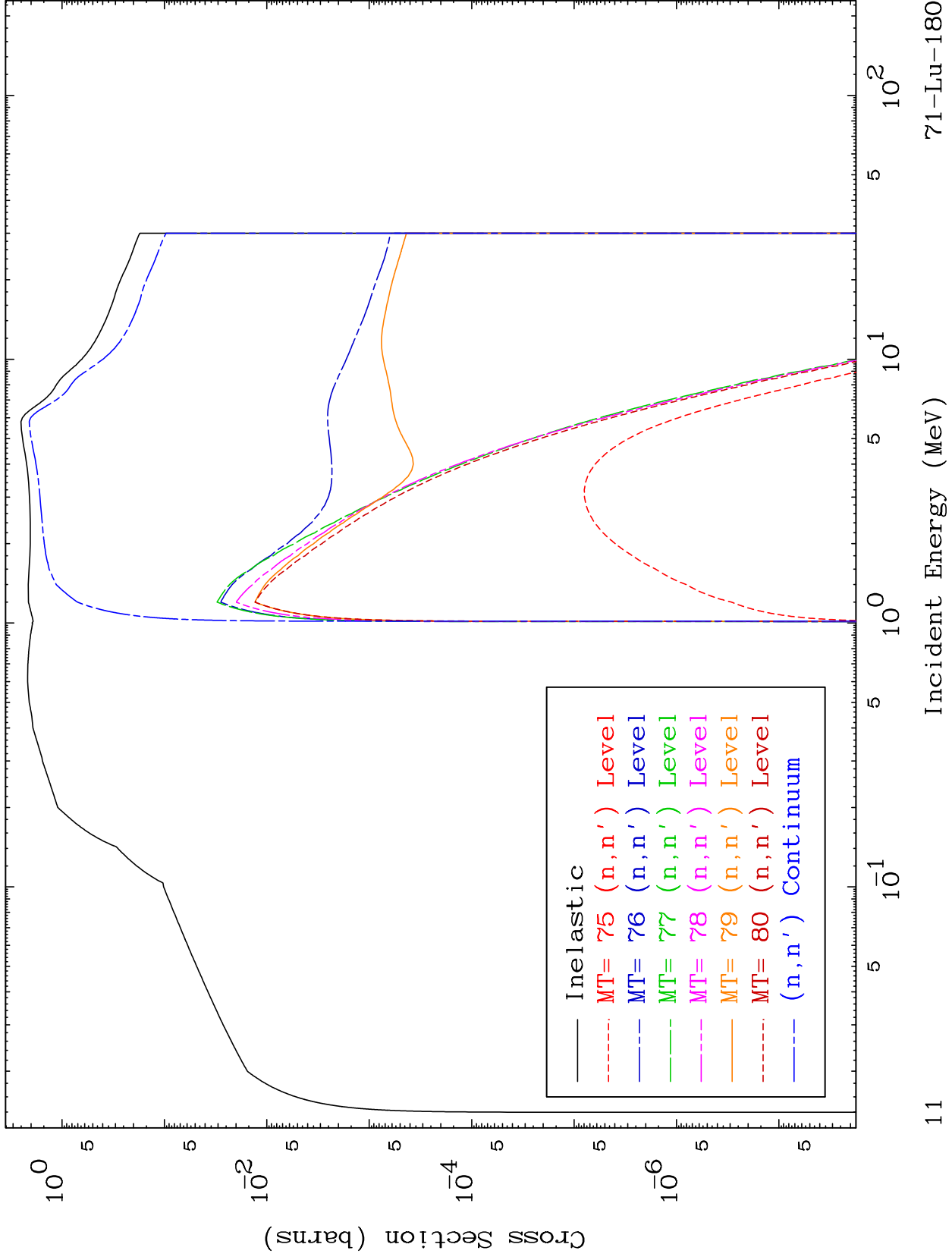
Incident Energy (MeV)

71-Lu-180

MAT 7140

293 Kelvin Cross Sections
(n,n') Levels

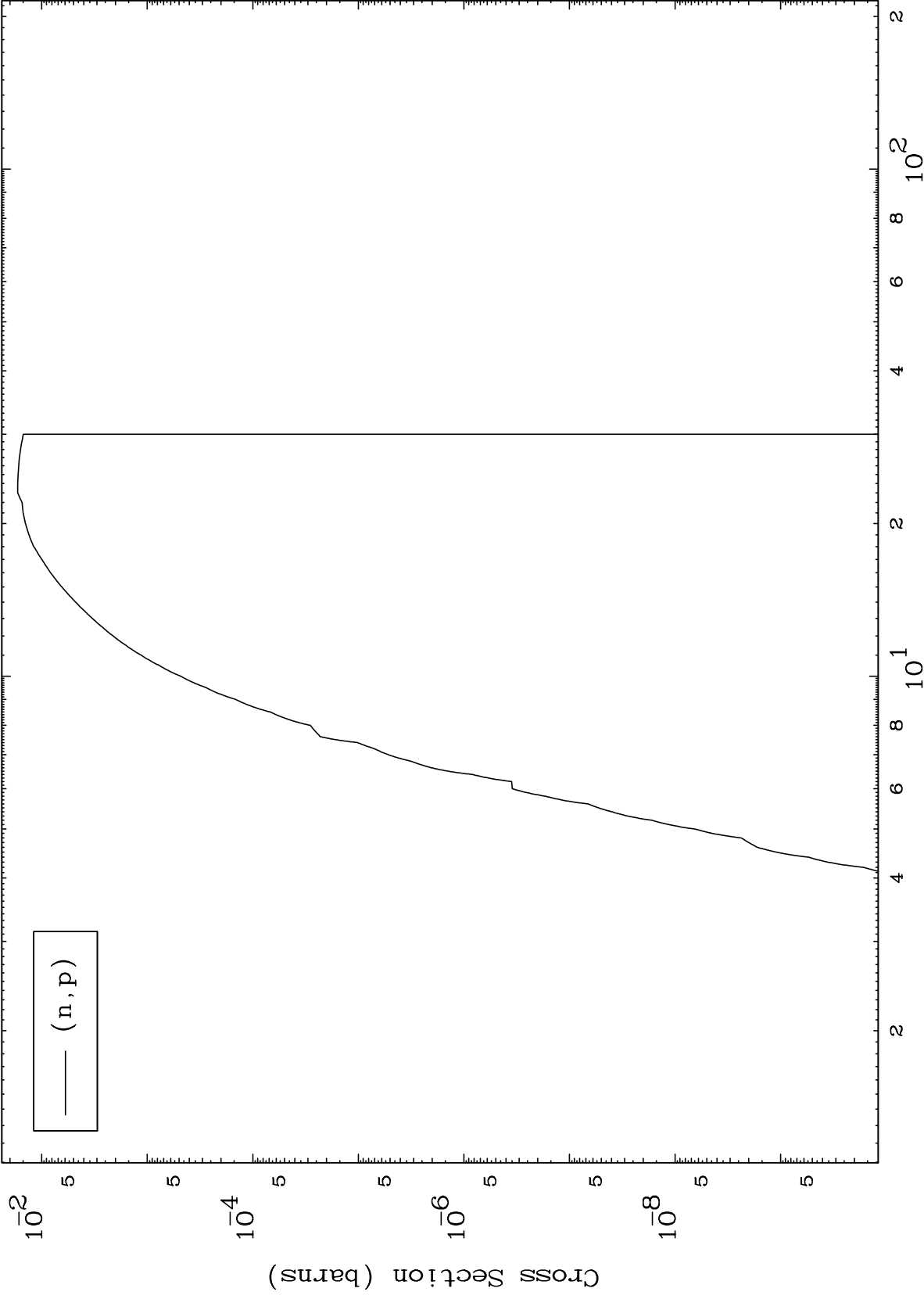
71-Lu-180



MAT 7140

(n,p) Levels
293 Kelvin Cross Sections

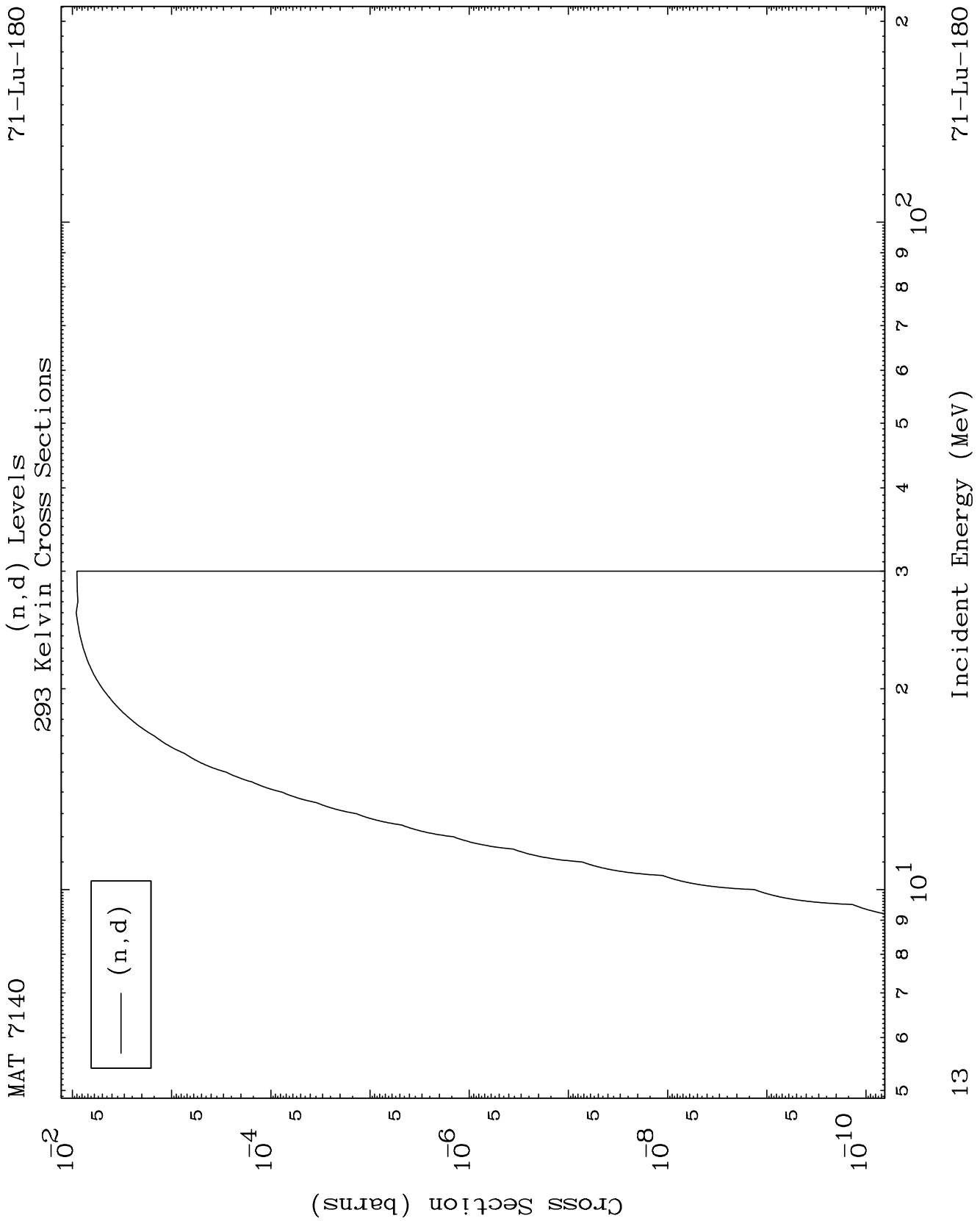
71-Lu-180



12

Incident Energy (MeV)

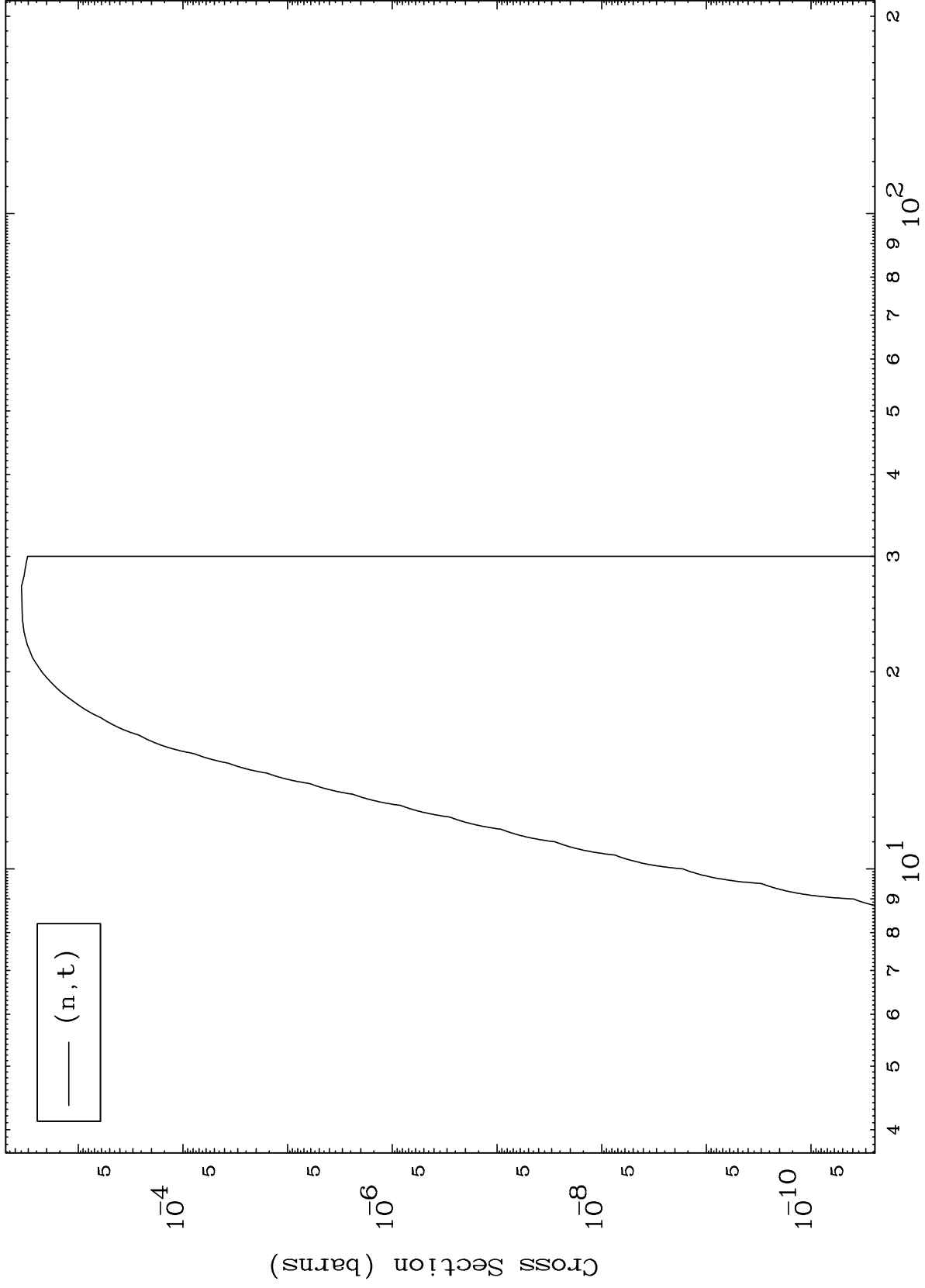
71-Lu-180



MAT 7140

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-180



14

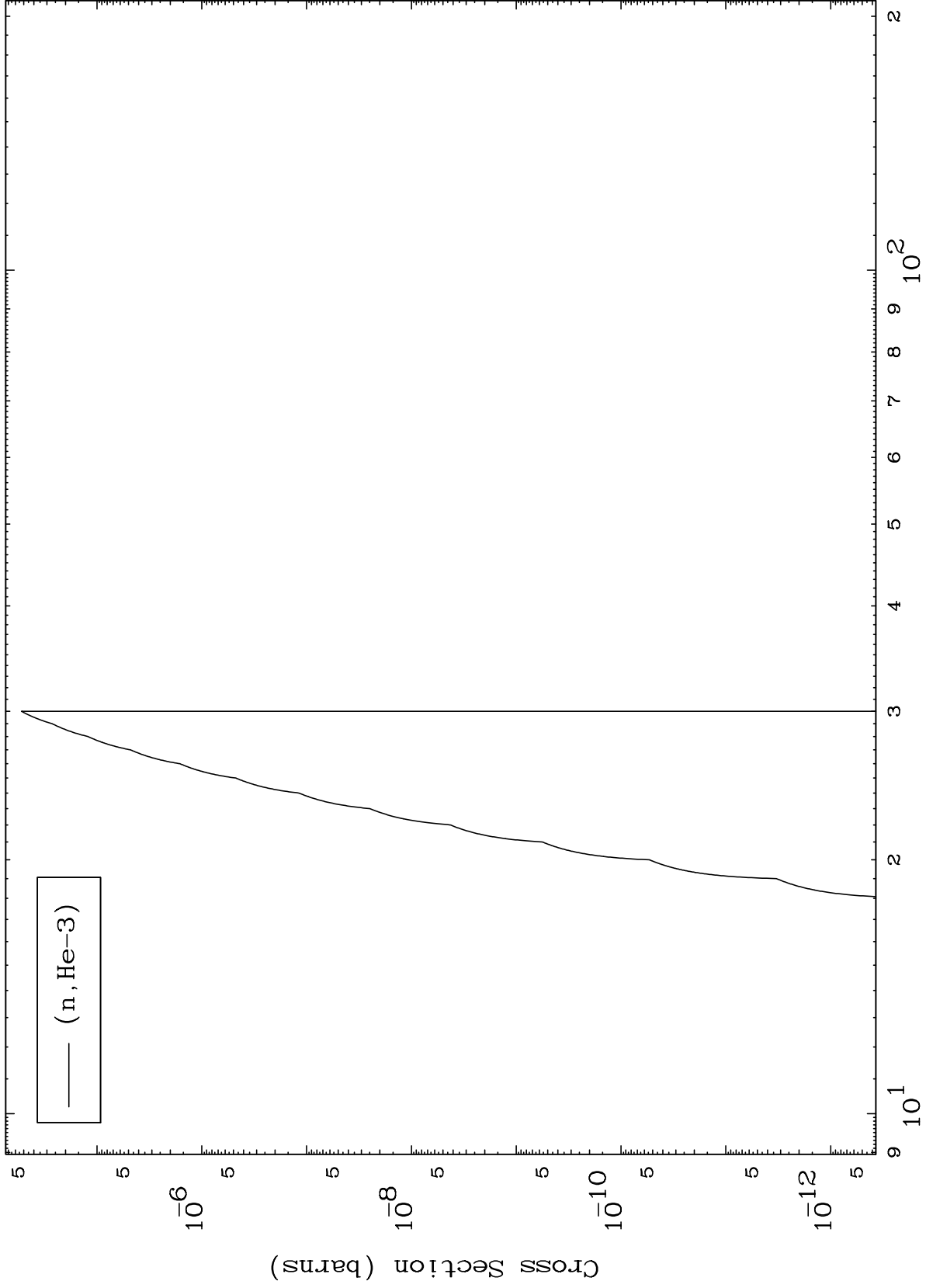
Incident Energy (MeV)

71-Lu-180

MAT 7140

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-180



15

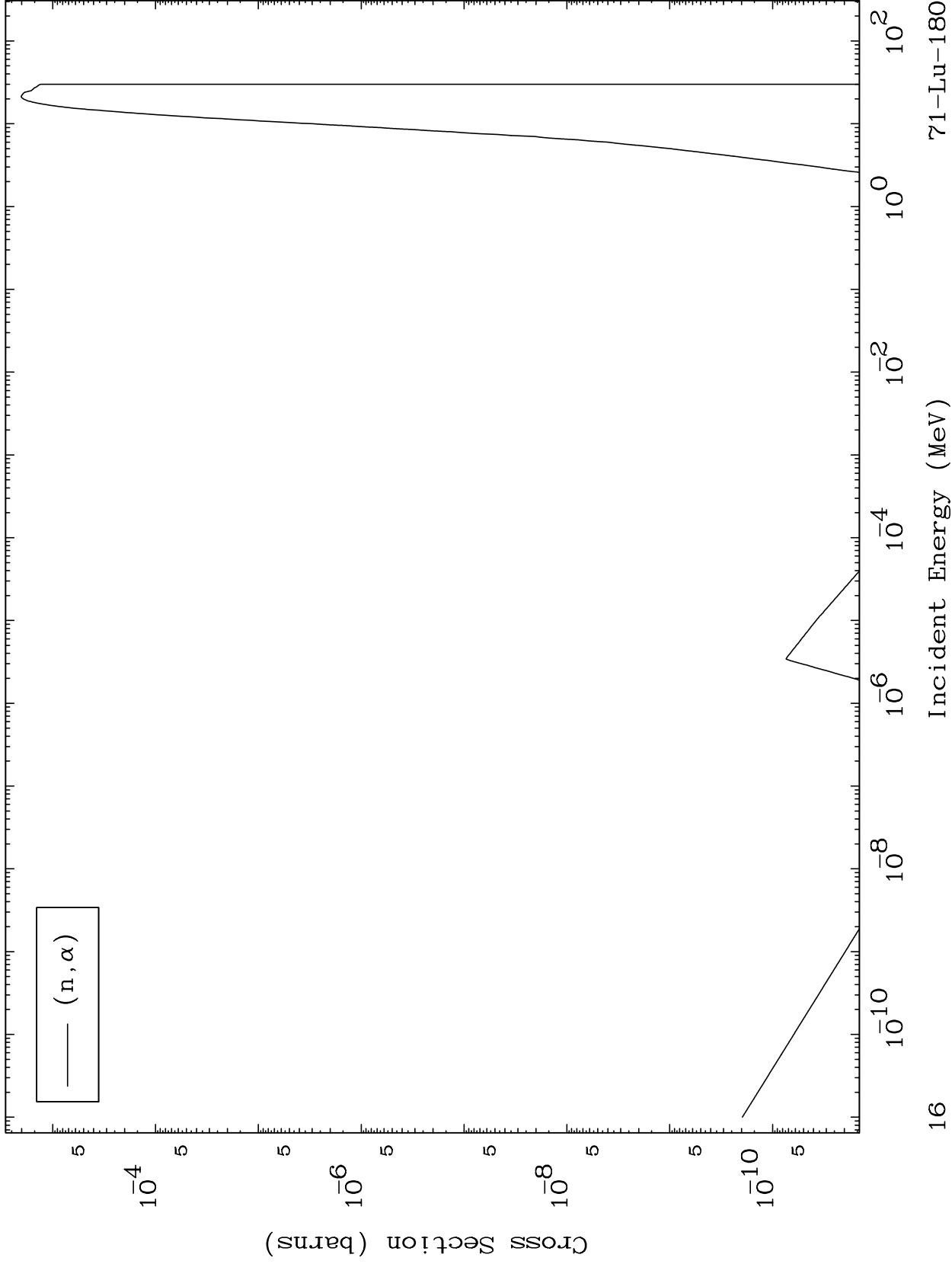
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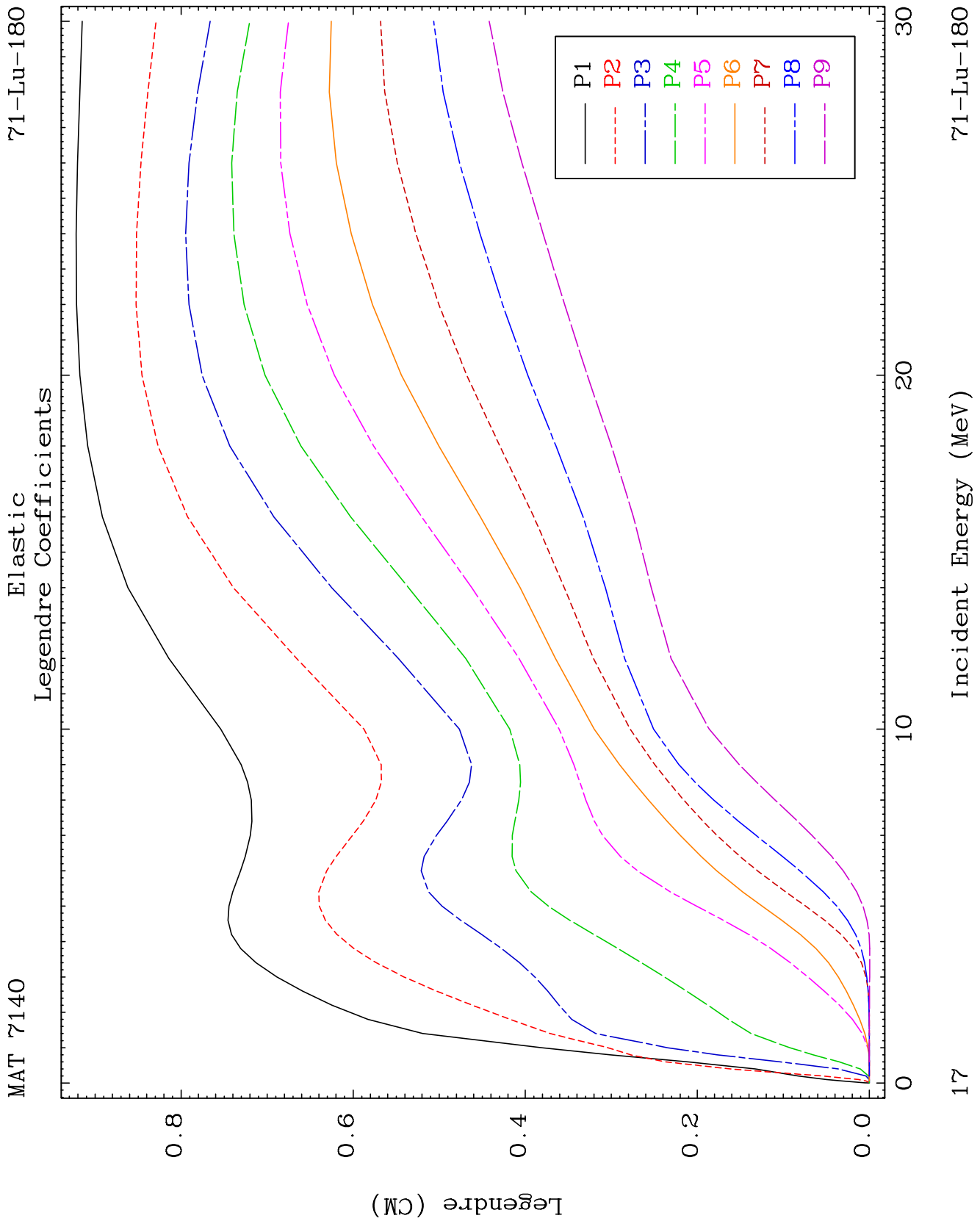
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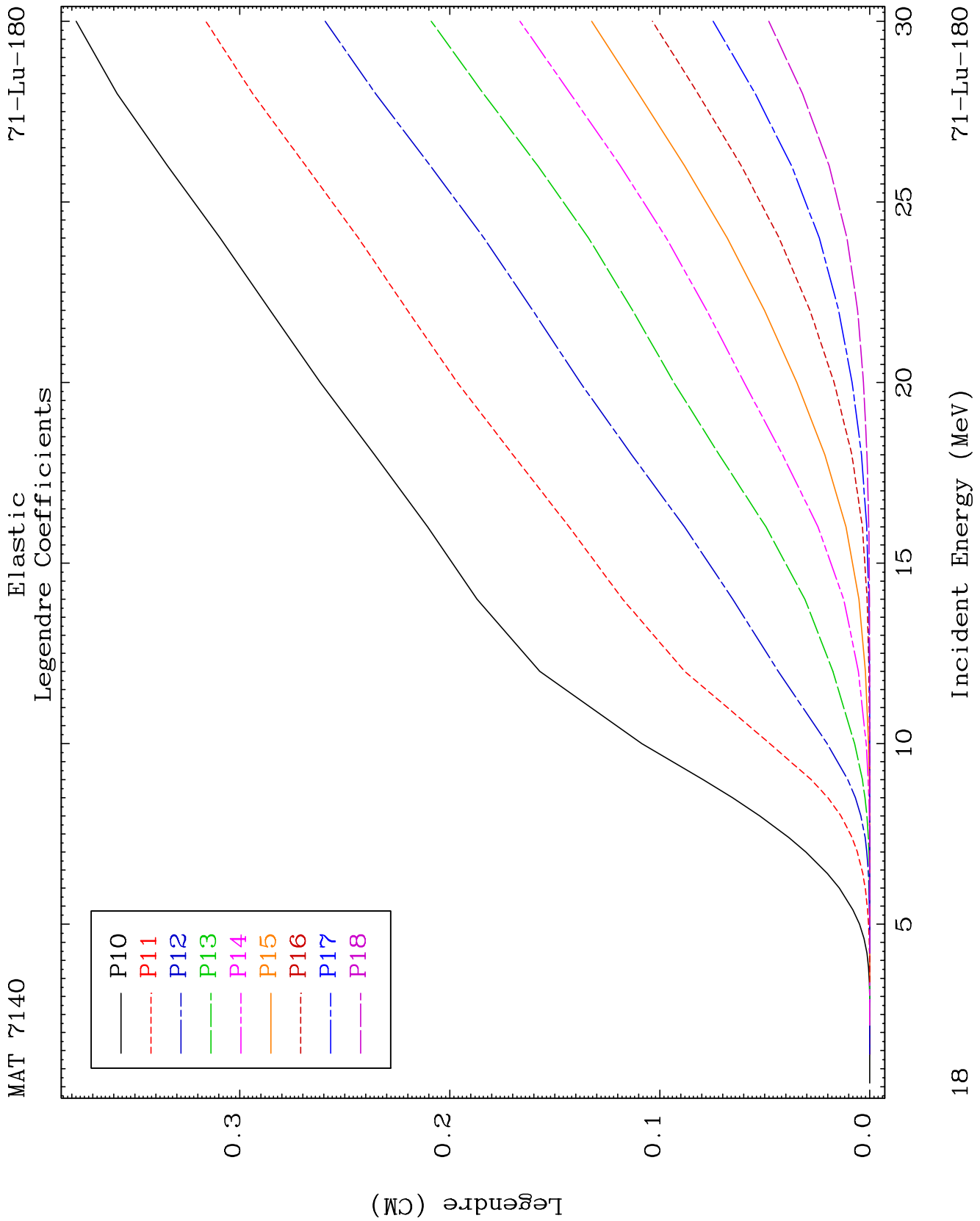
MAT 7140

(n, α) Levels
293 Kelvin Cross Sections

71-Lu-180



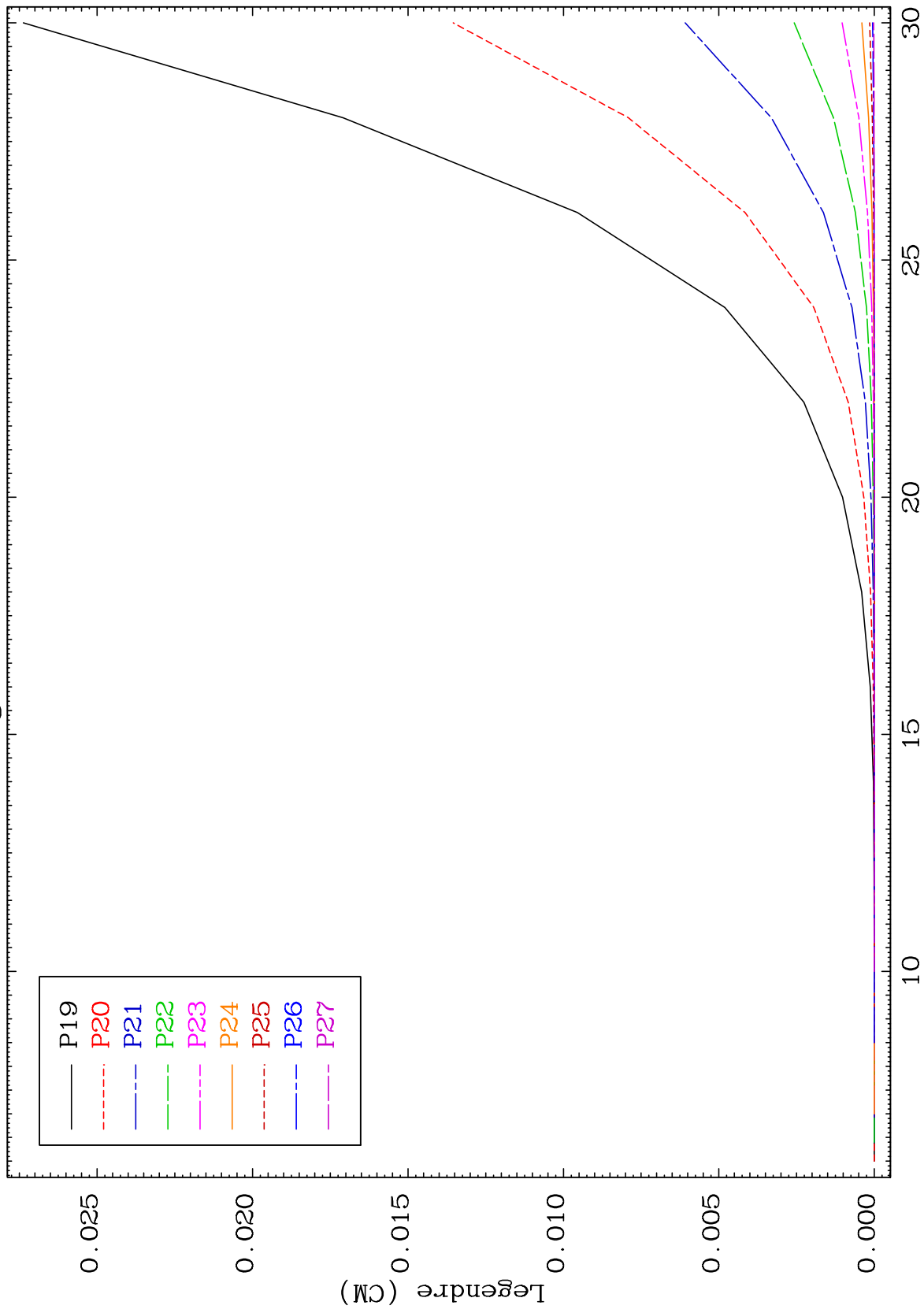




MAT 7140

Elastic Legendre Coefficients

71-Lu-180



19

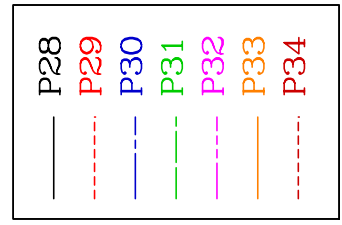
Incident Energy (MeV)

71-Lu-180

MAT 7140

Elastic
Legendre Coefficients

⁷¹Lu-180

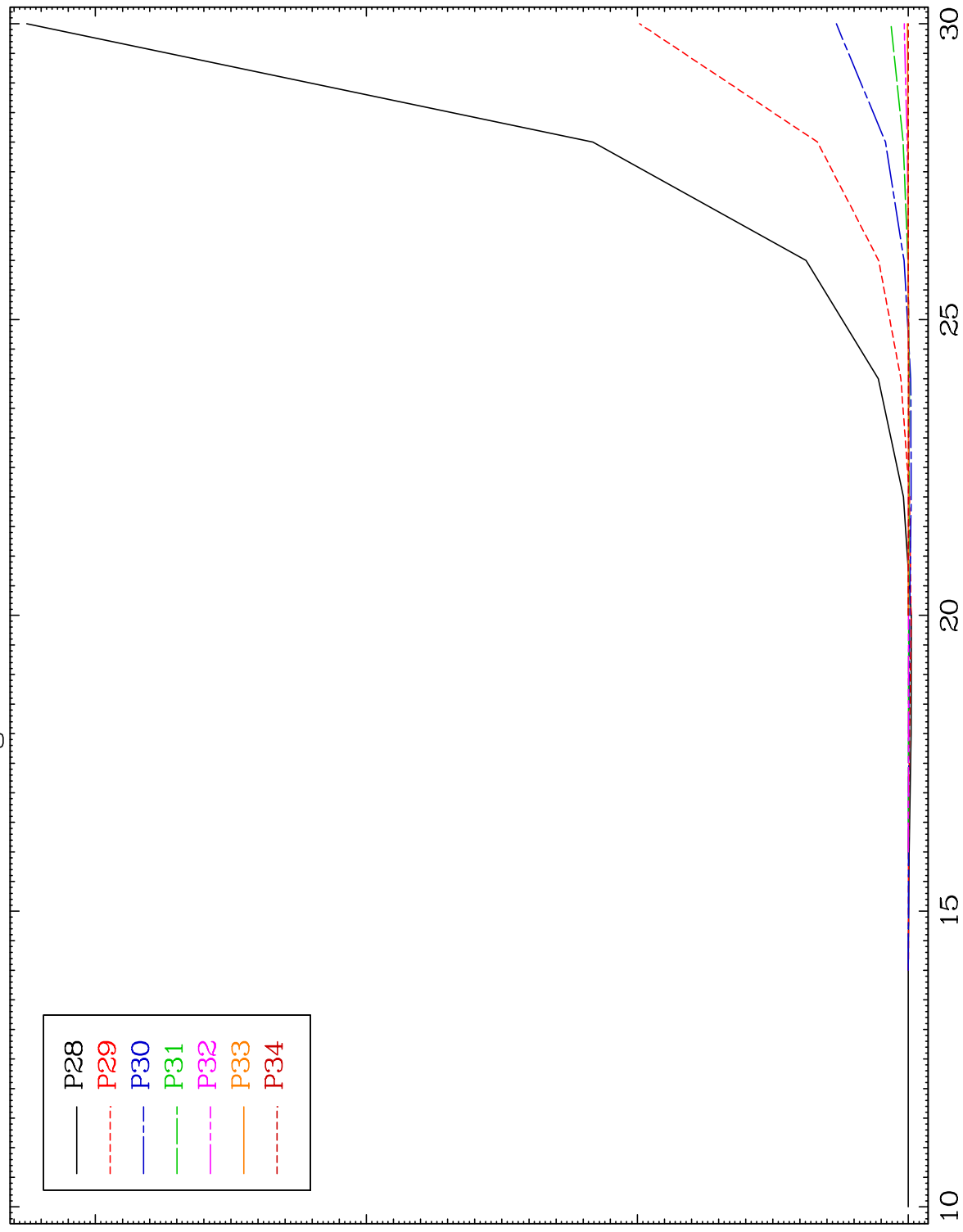


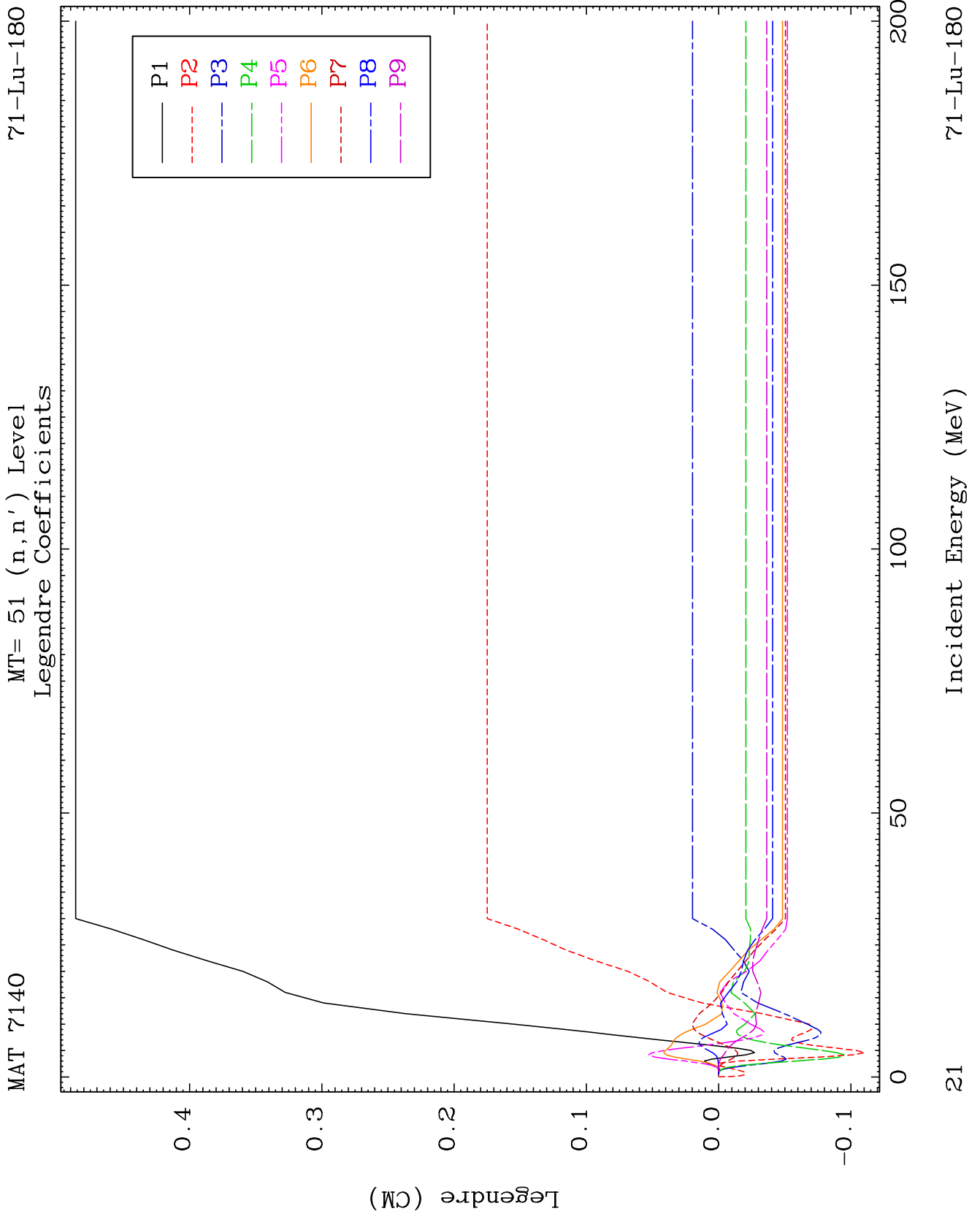
$\times 10^{-6}$

Legendre (CM)

Incident Energy (MeV)

⁷¹Lu-180

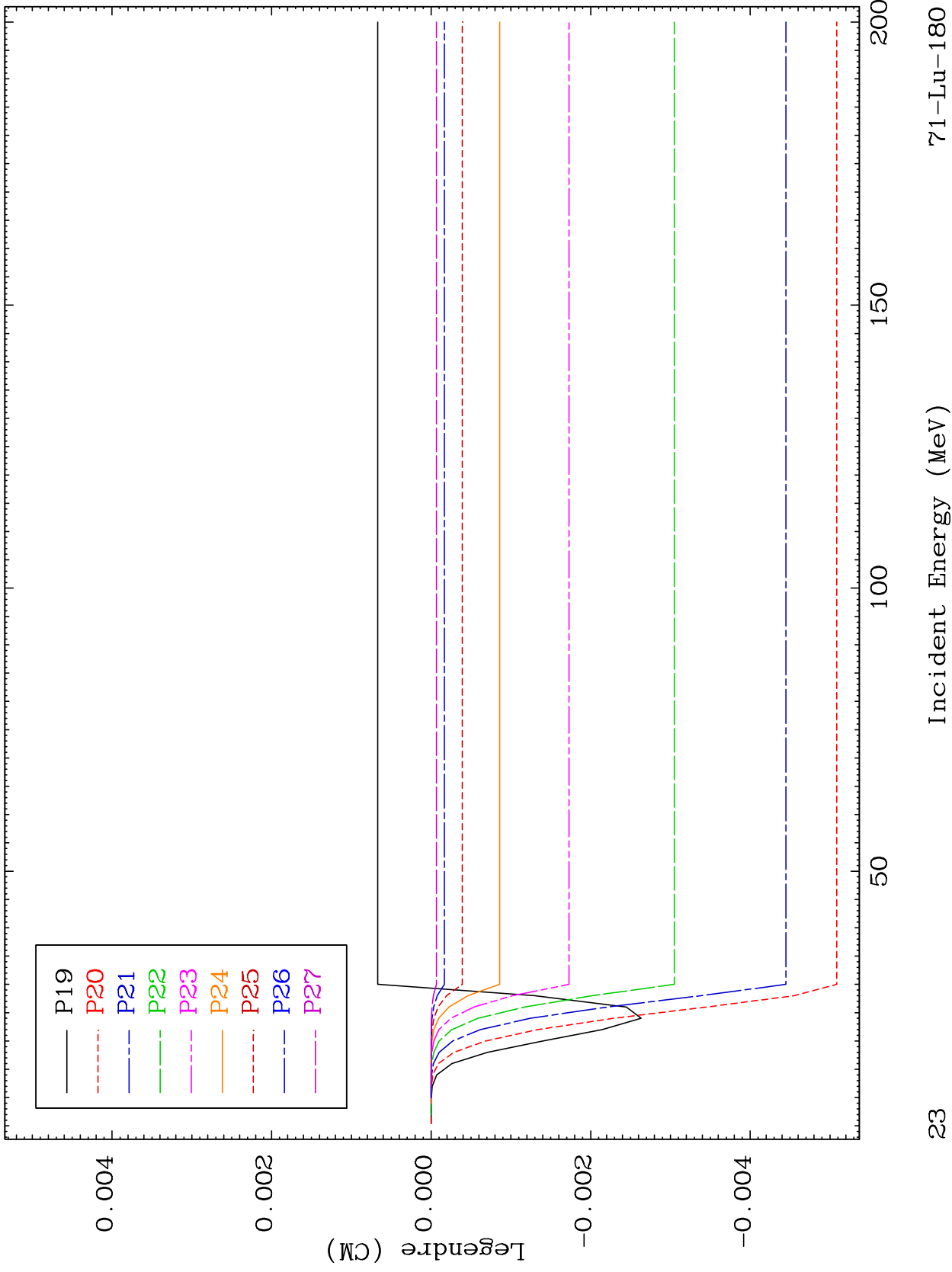


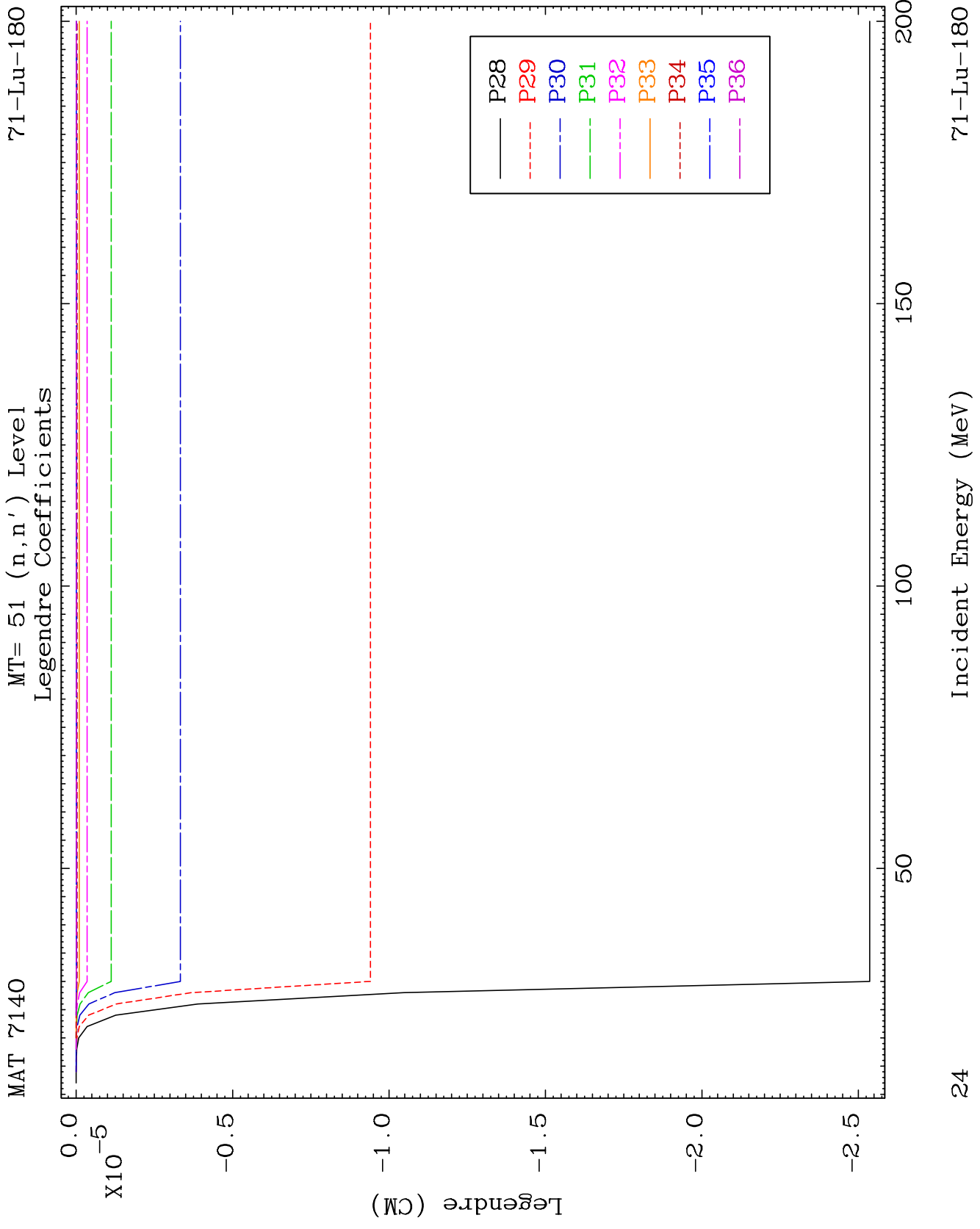


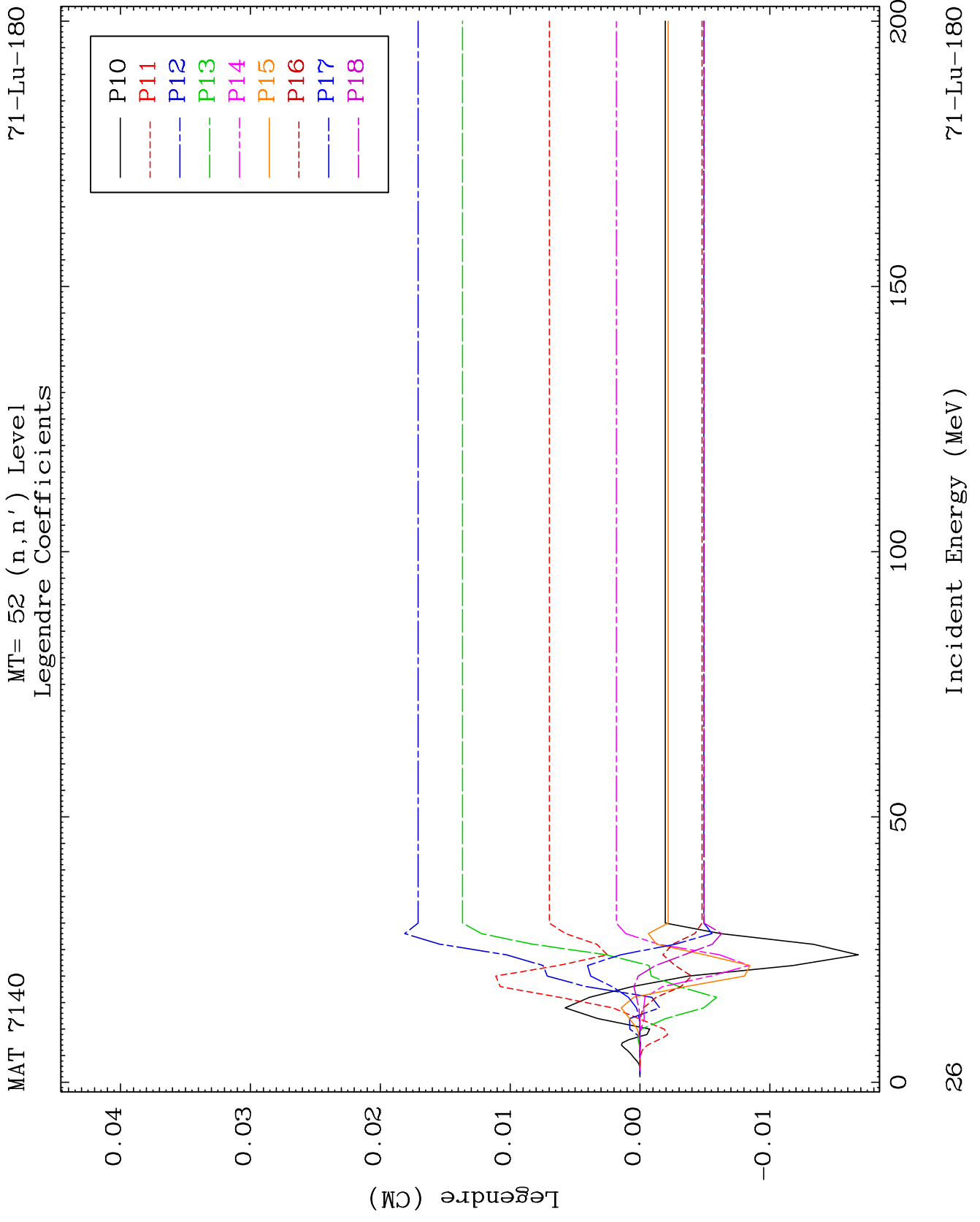
MAT 7140

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

71-Lu-180



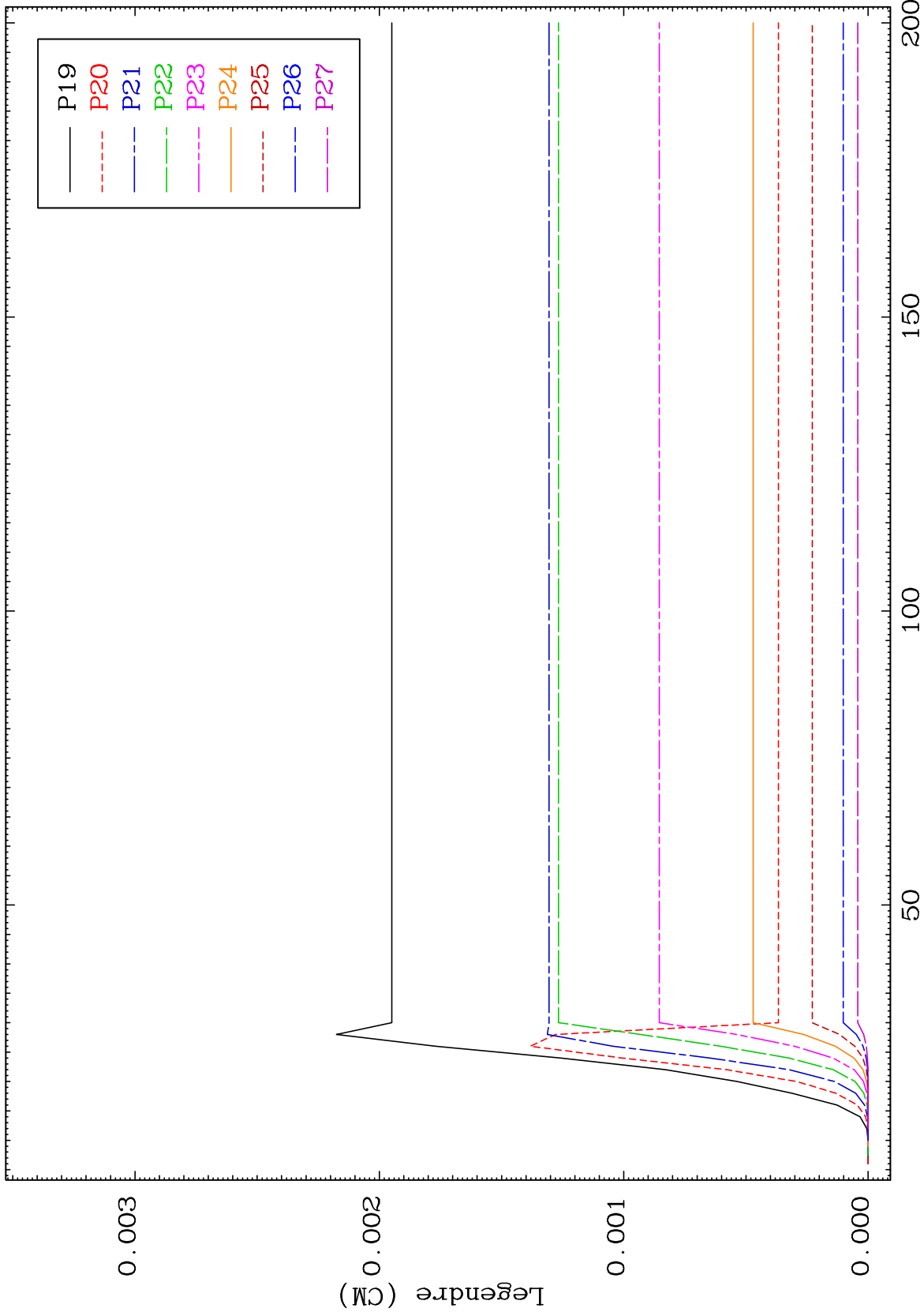




MAT 7140

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

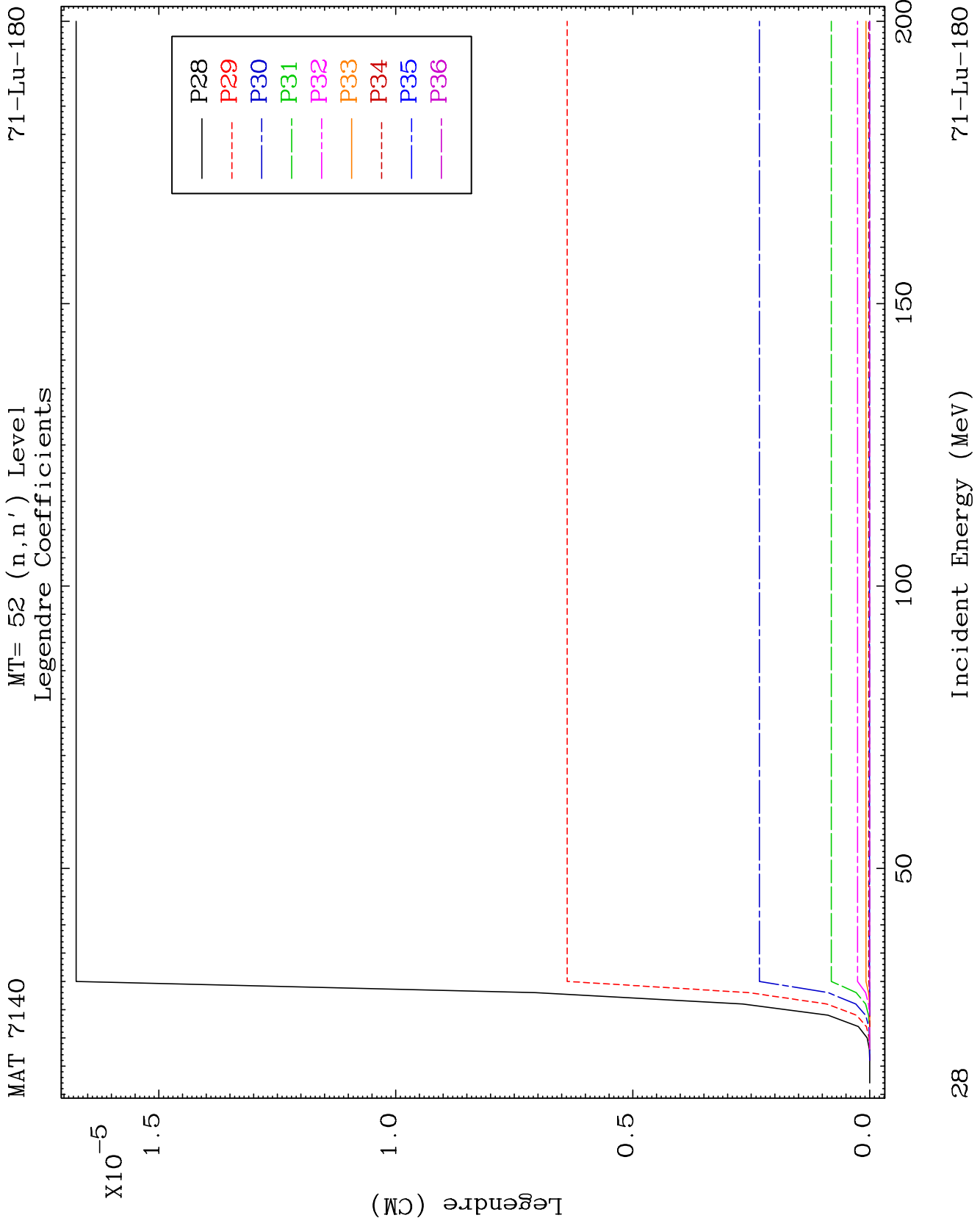
71-Lu-180



27

Incident Energy (MeV)

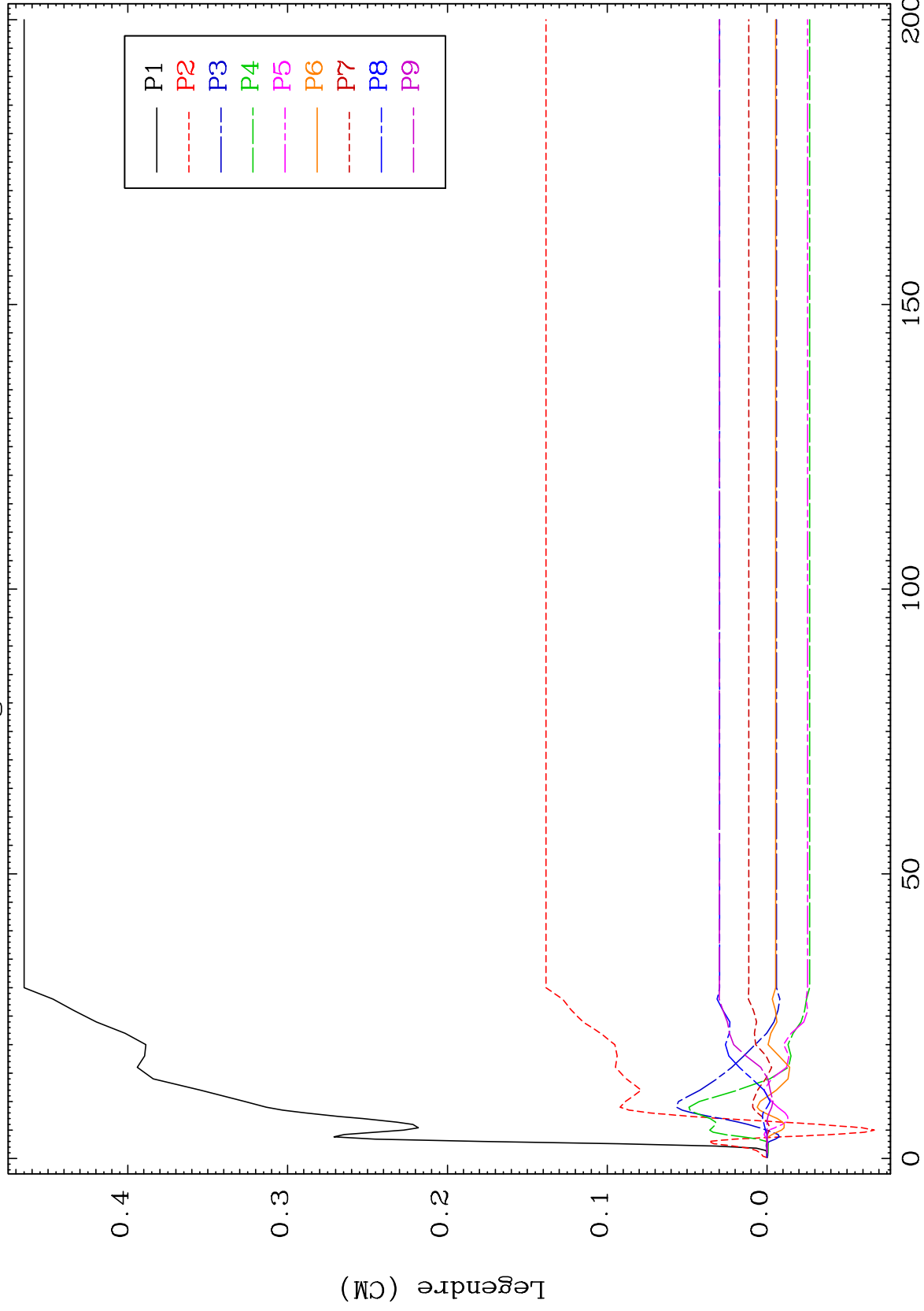
71-Lu-180



MAT 7140

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

71-Lu-180



29

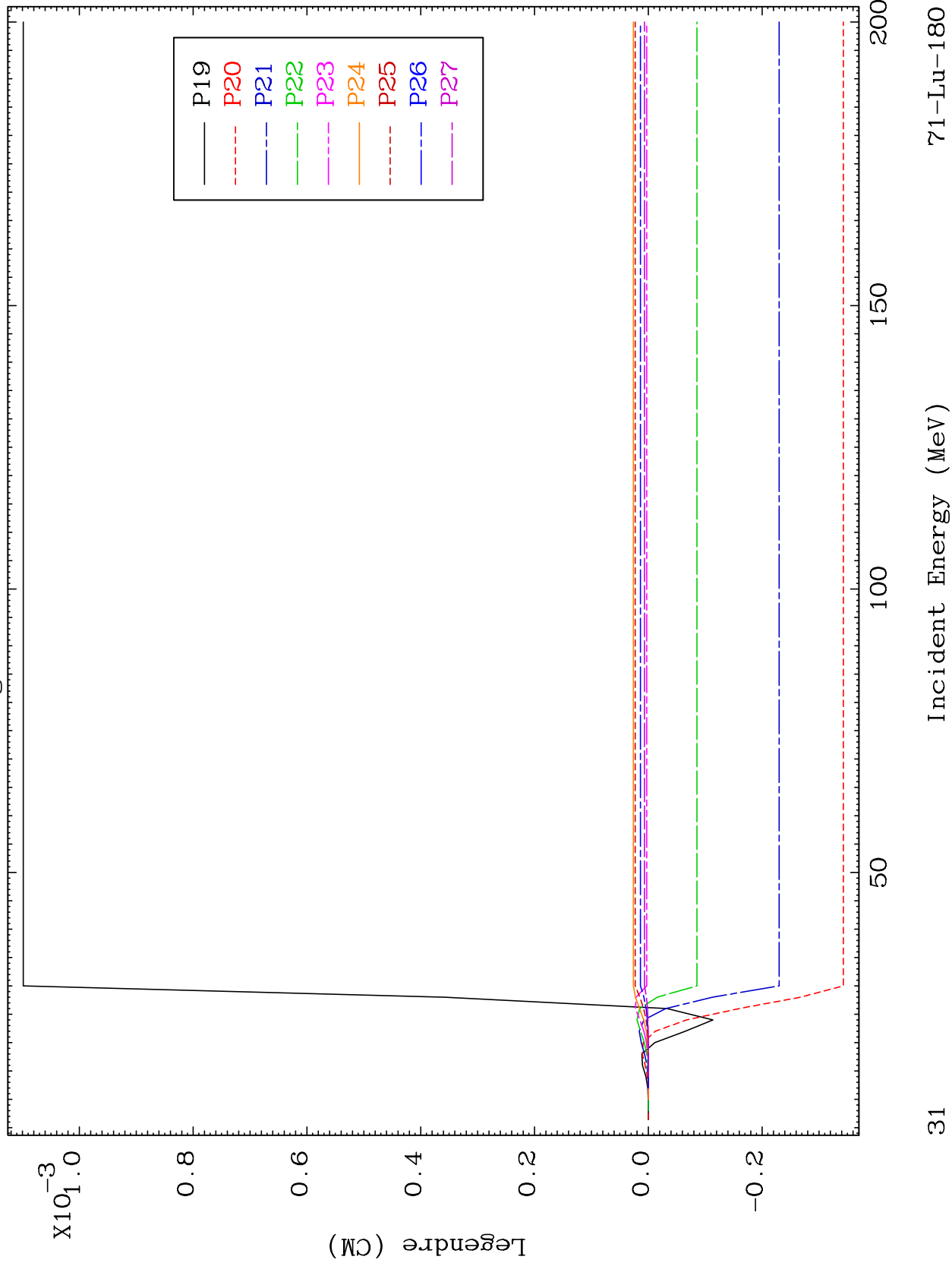
Incident Energy (MeV)

71-Lu-180

MAT 7140

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

71-Lu-180



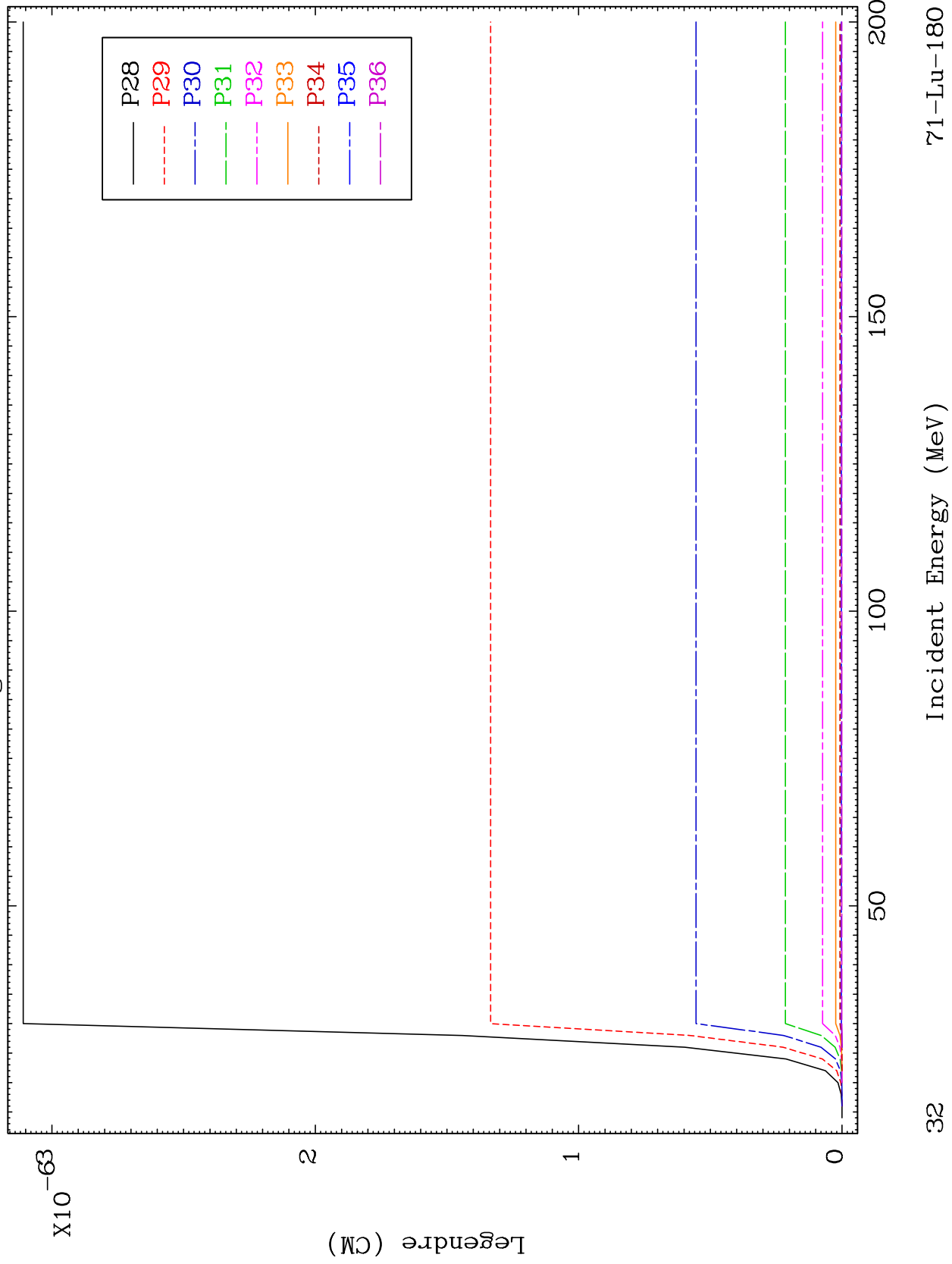
31

71-Lu-180

MAT 7140

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

71-Lu-180



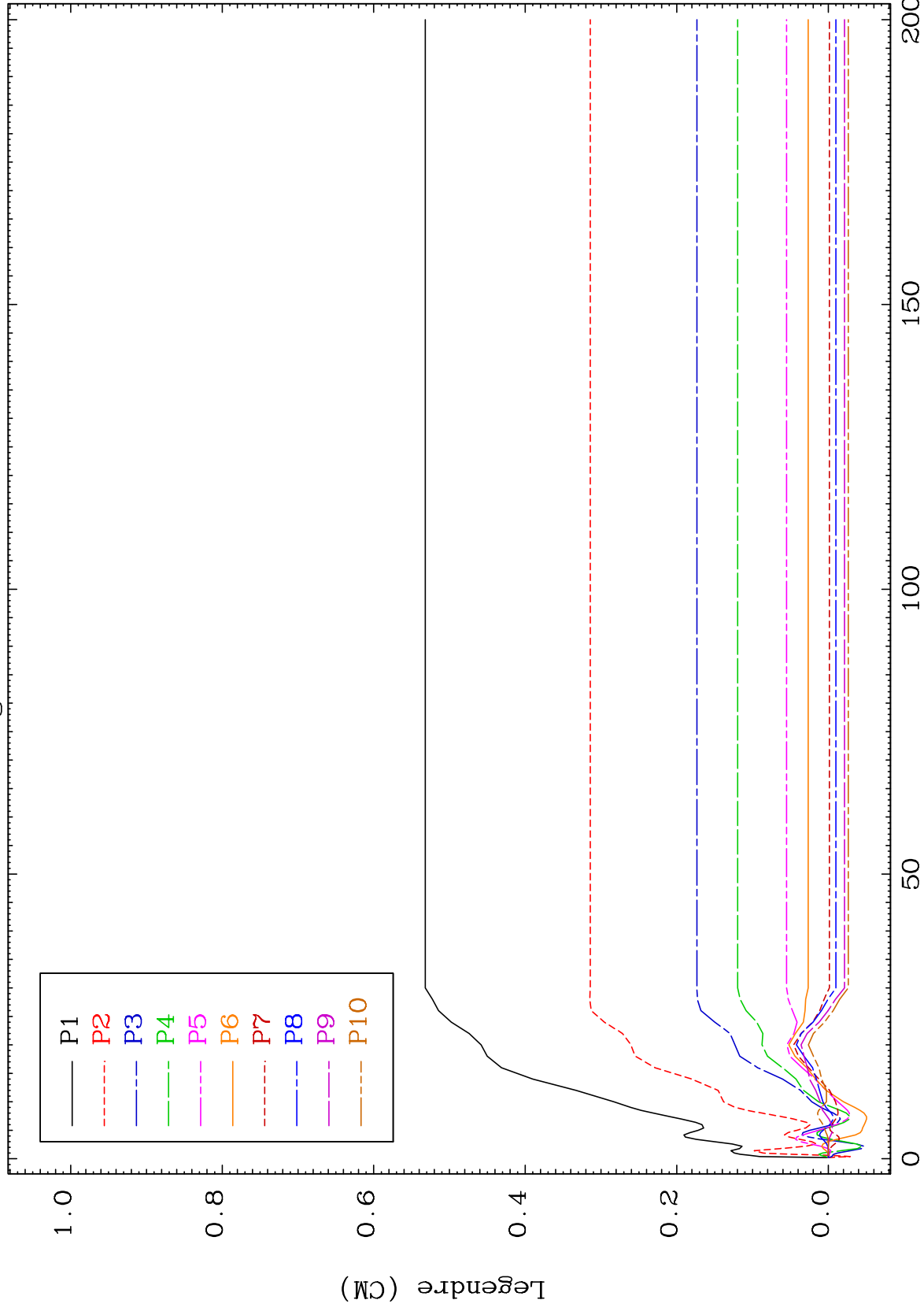
32

71-Lu-180

MAT 7140

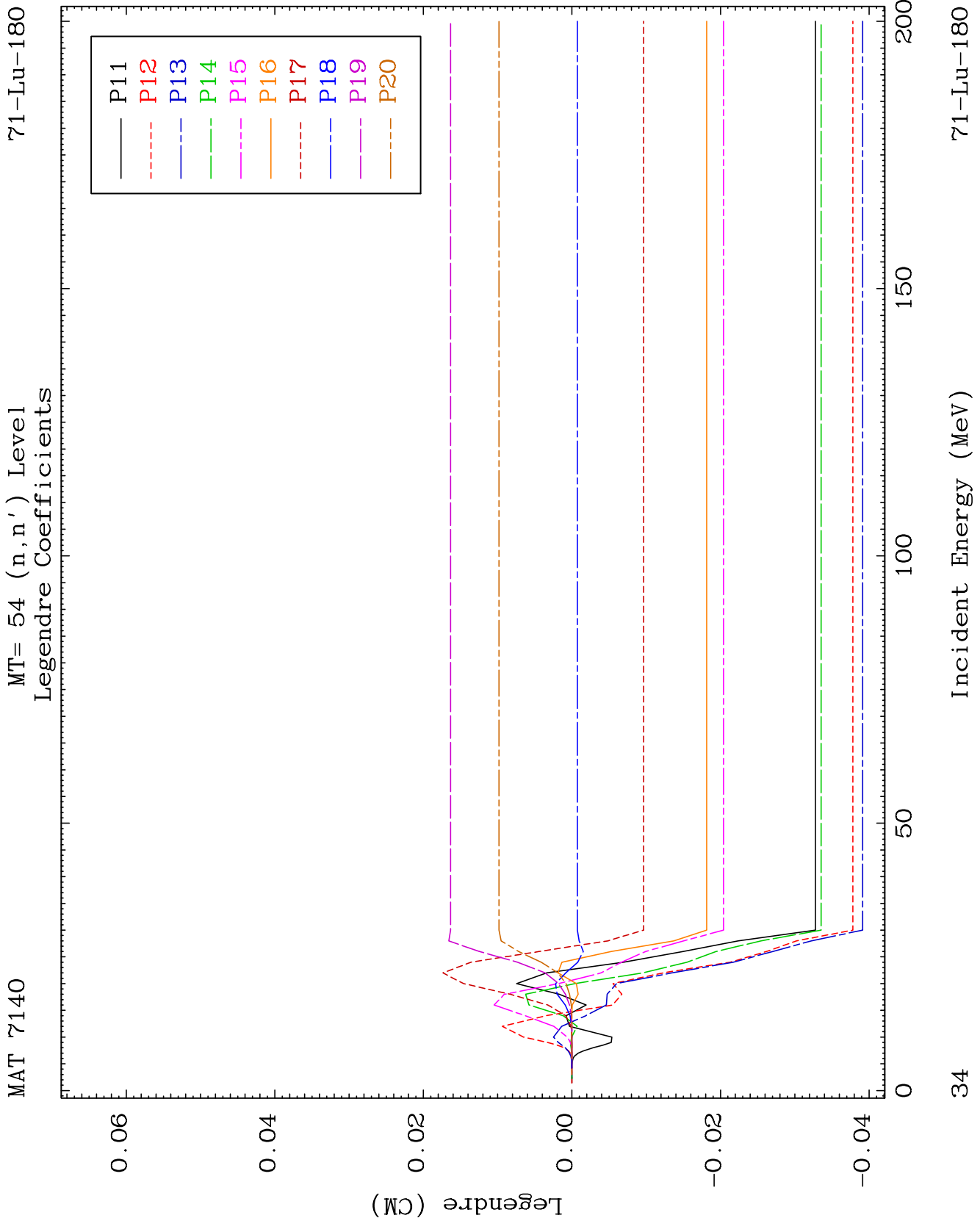
MT= 54 (n,n') Level
Legendre Coefficients

71-Lu-180



33

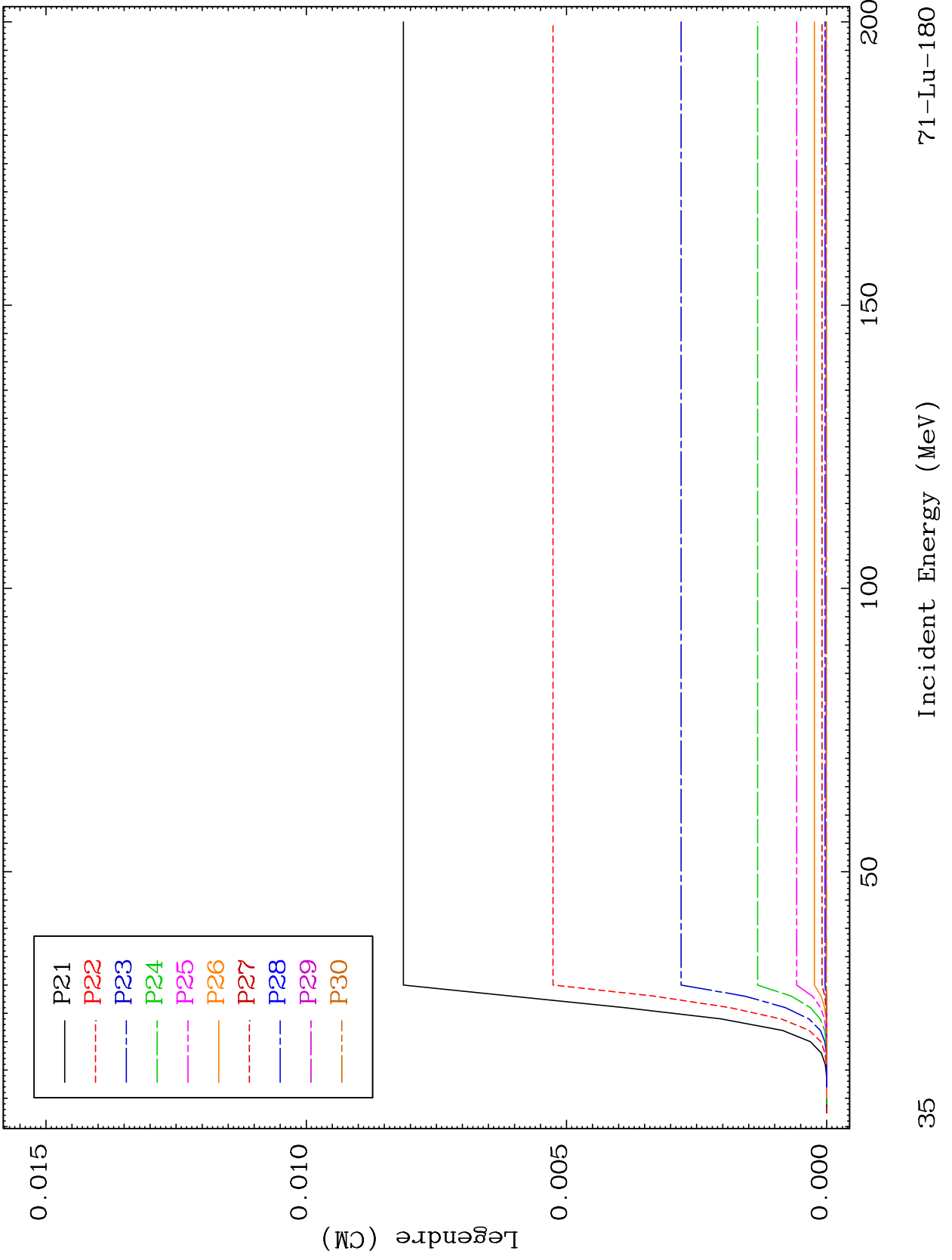
71-Lu-180



MAT 7140

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

71-Lu-180



35

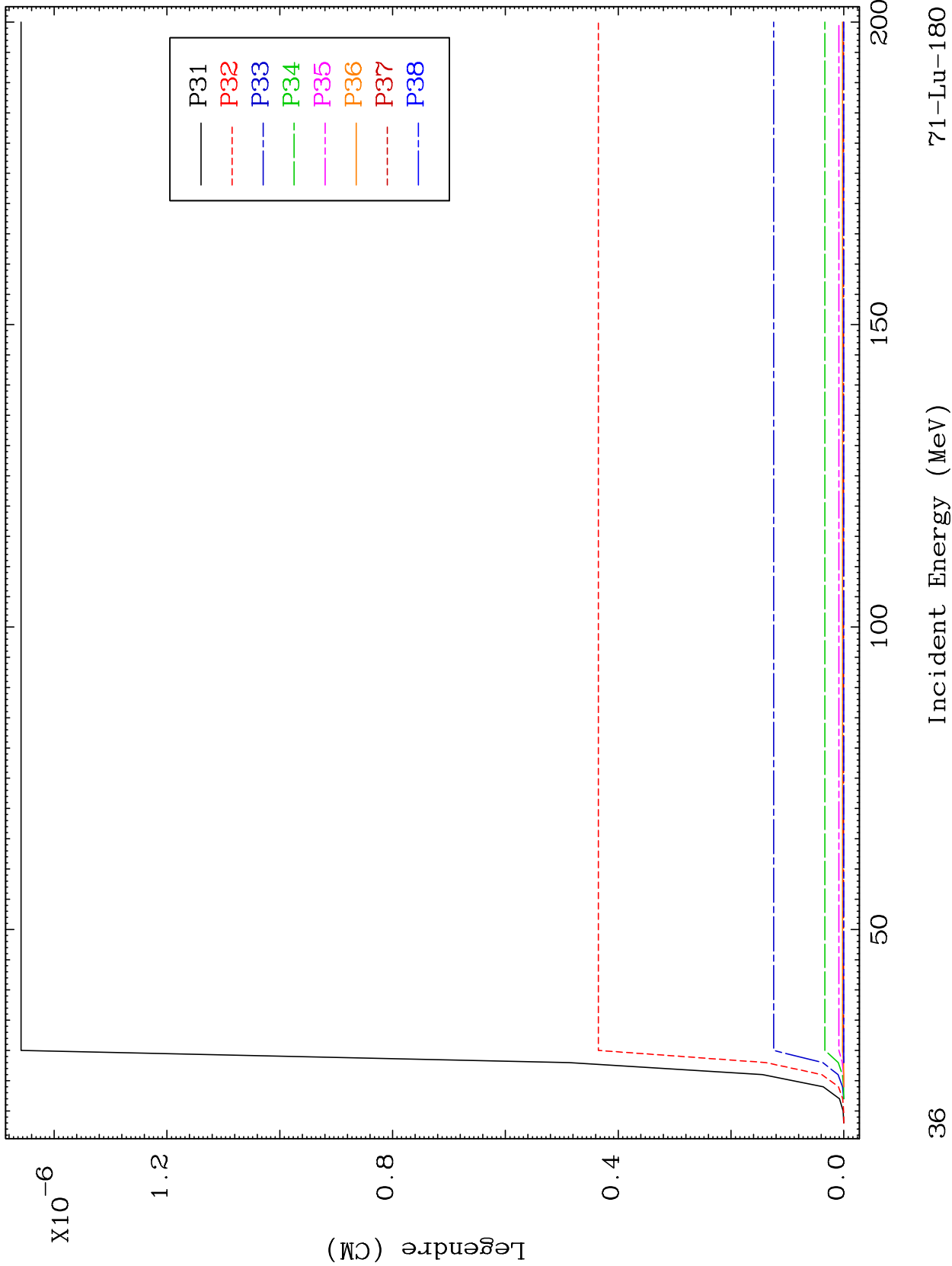
Incident Energy (MeV)

71-Lu-180

MAT 7140

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

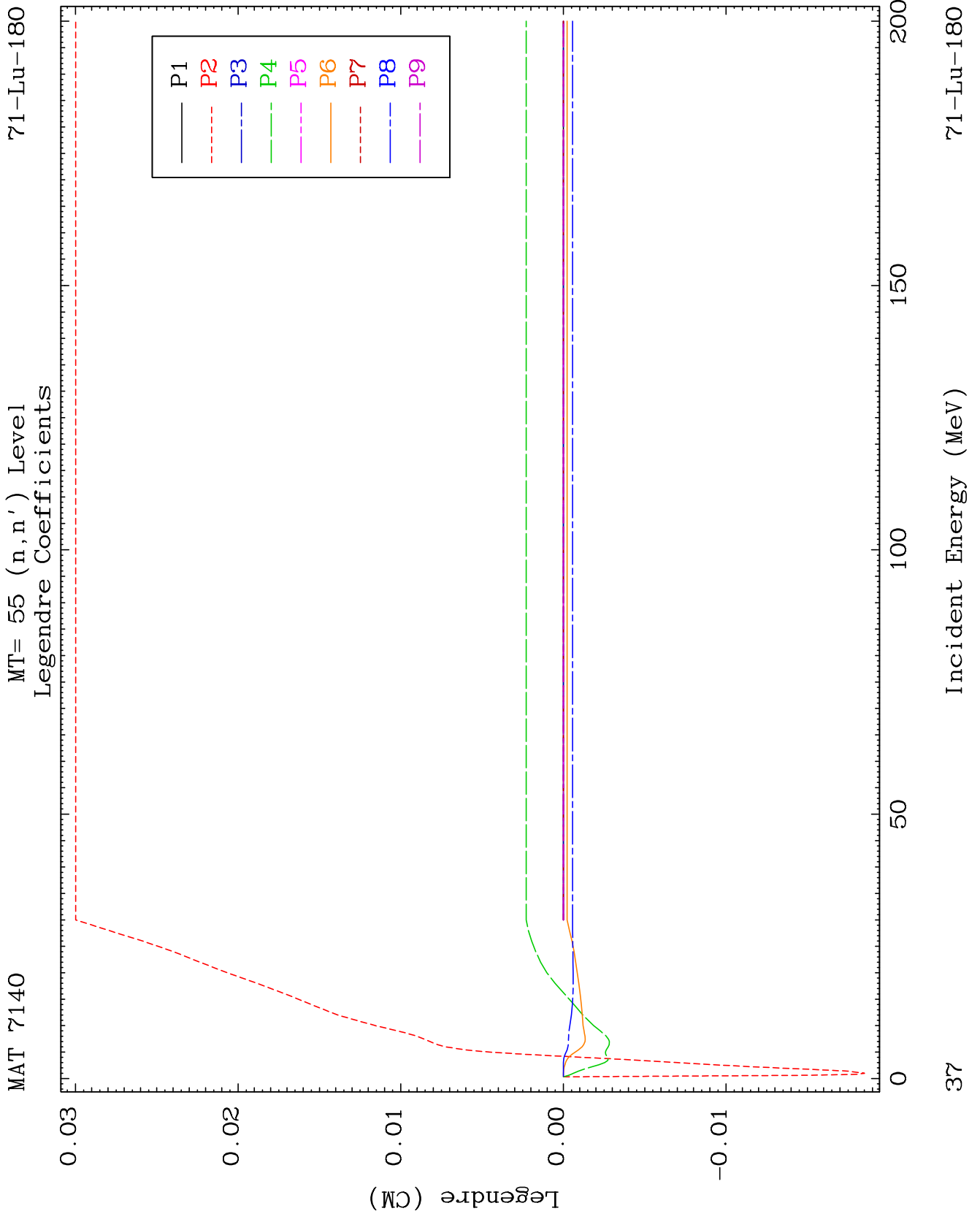
71-Lu-180



36

Incident Energy (MeV)

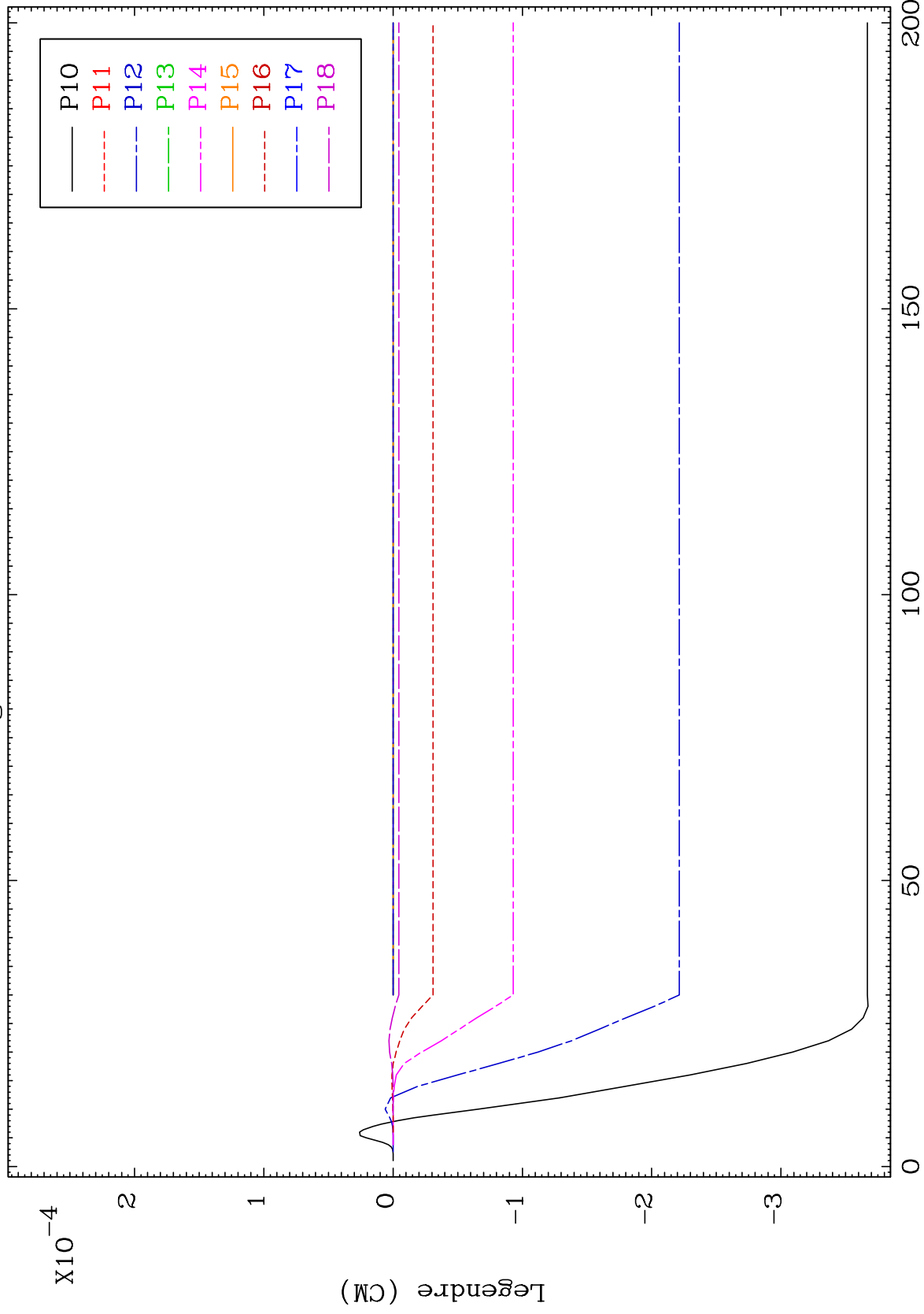
71-Lu-180



MAT 7140

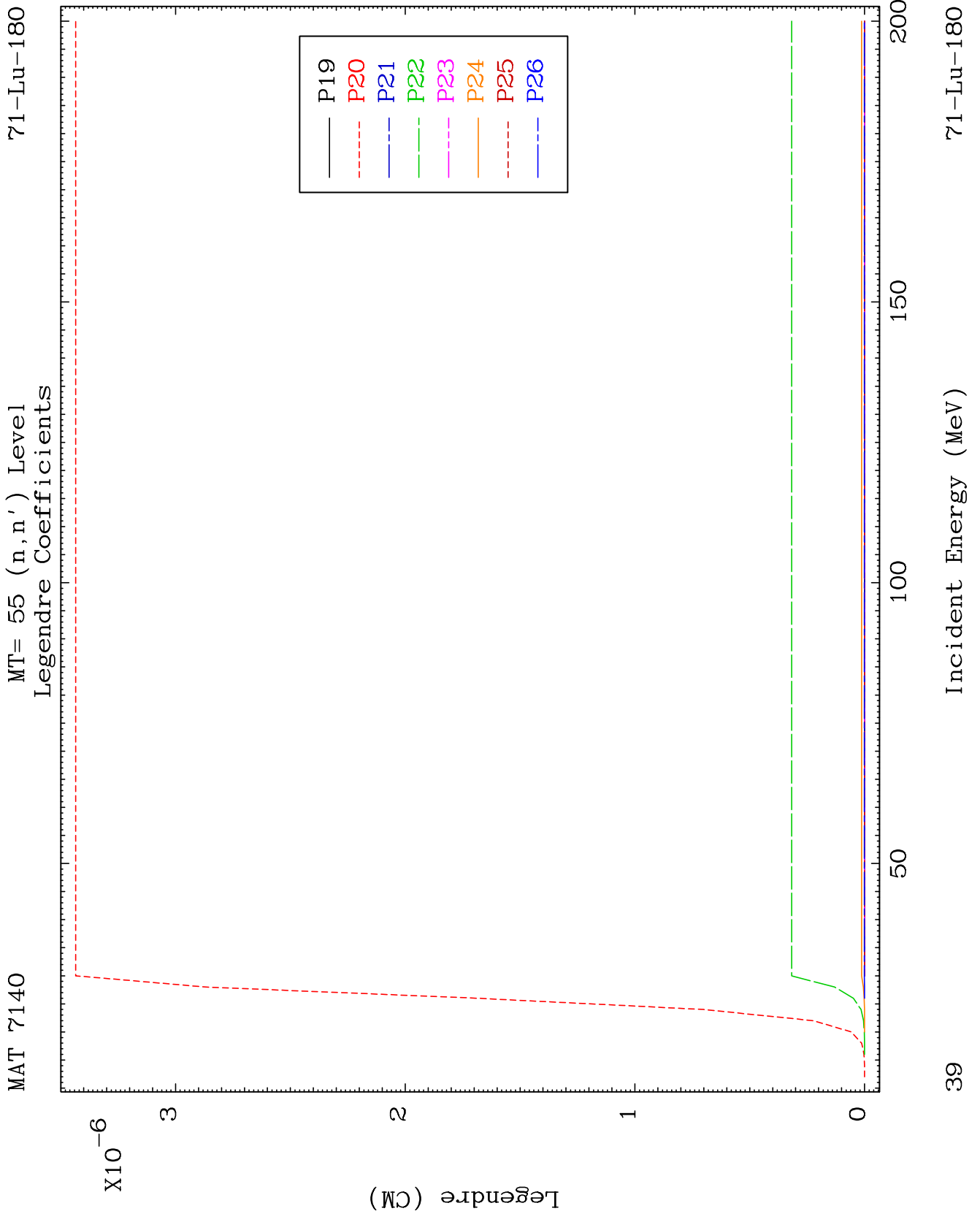
MT= 55 (n,n') Level
Legendre Coefficients

71-Lu-180



38

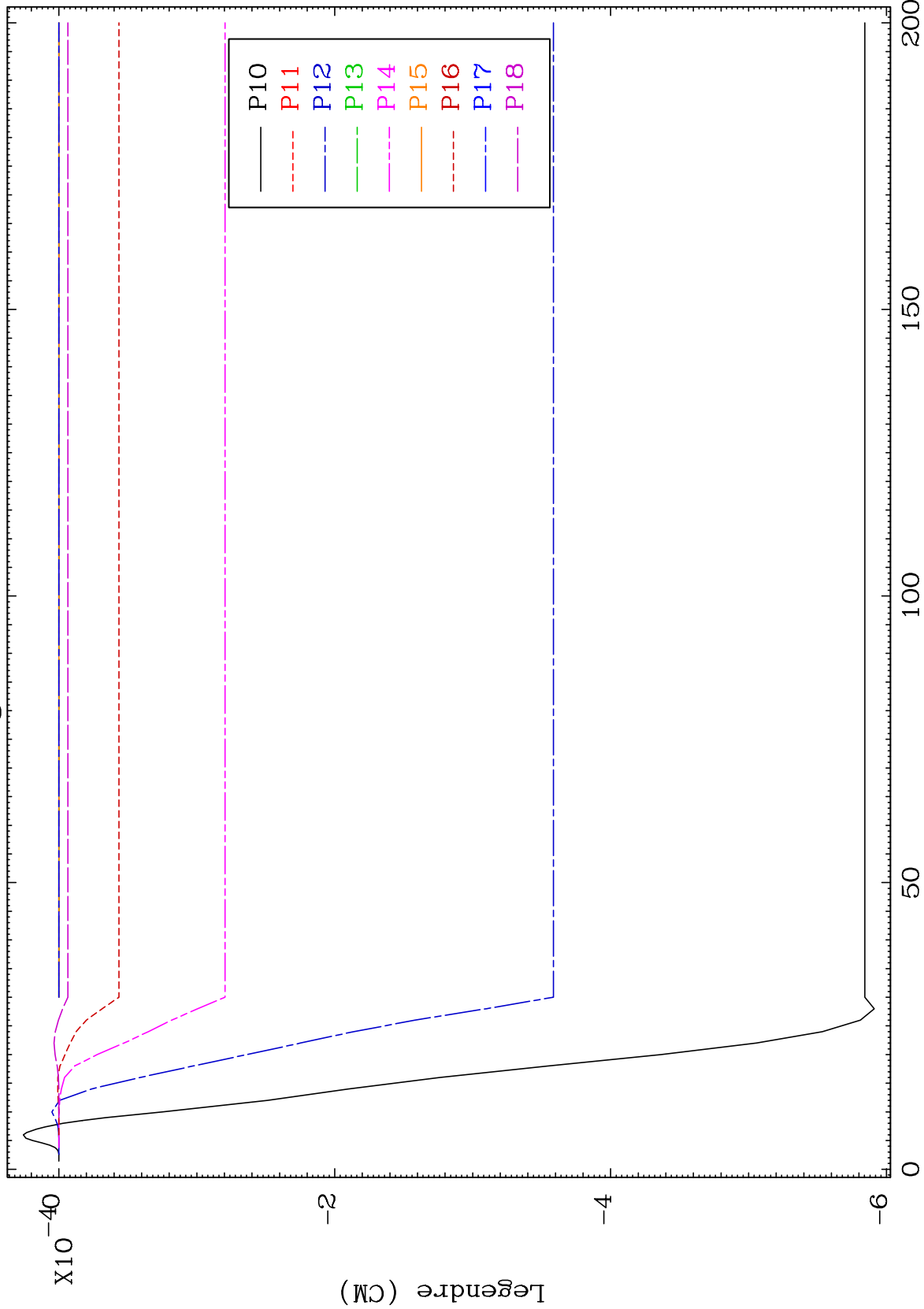
71-Lu-180



MAT 7140

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Legendre Coefficients

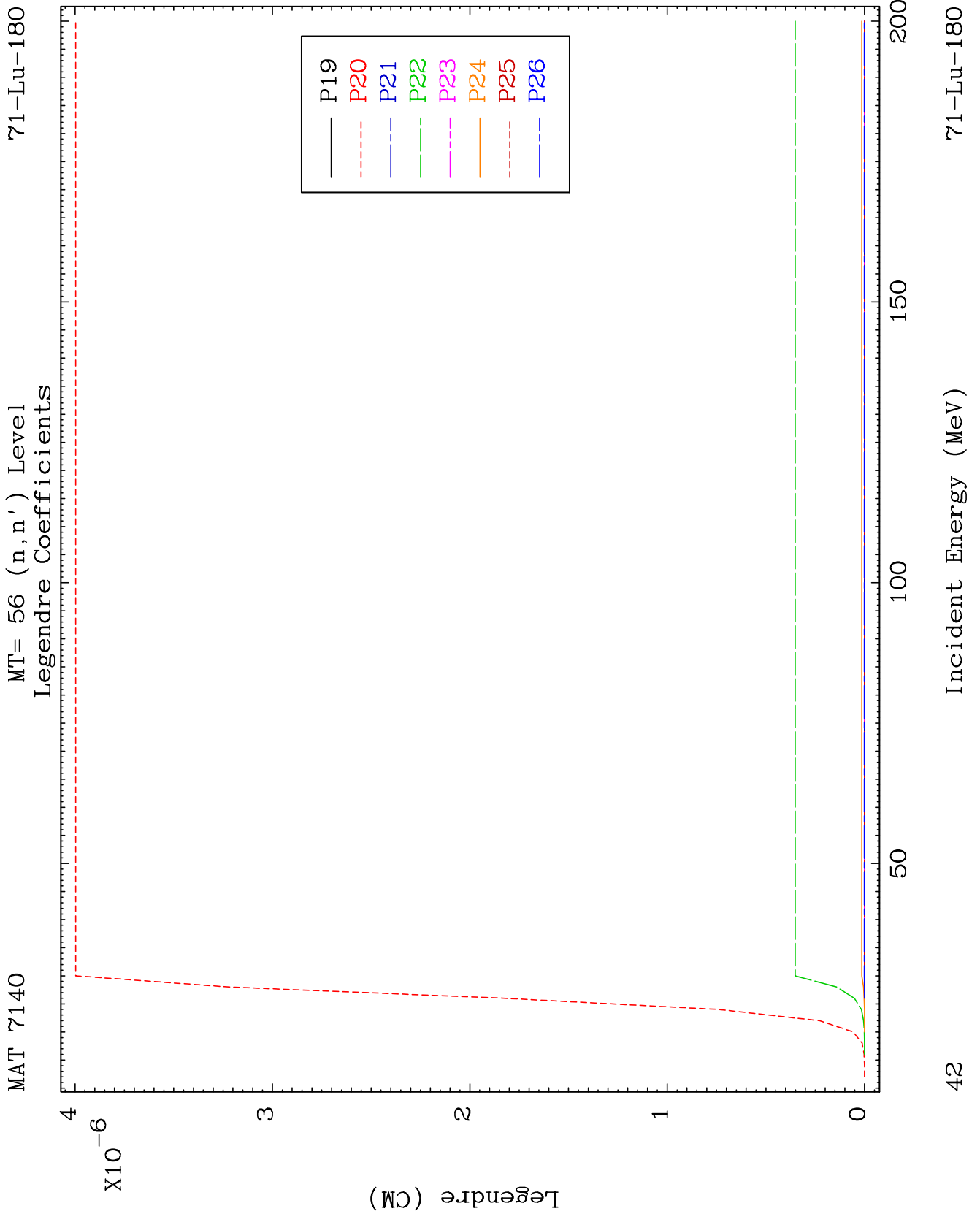
71-Lu-180



41

Incident Energy (MeV)

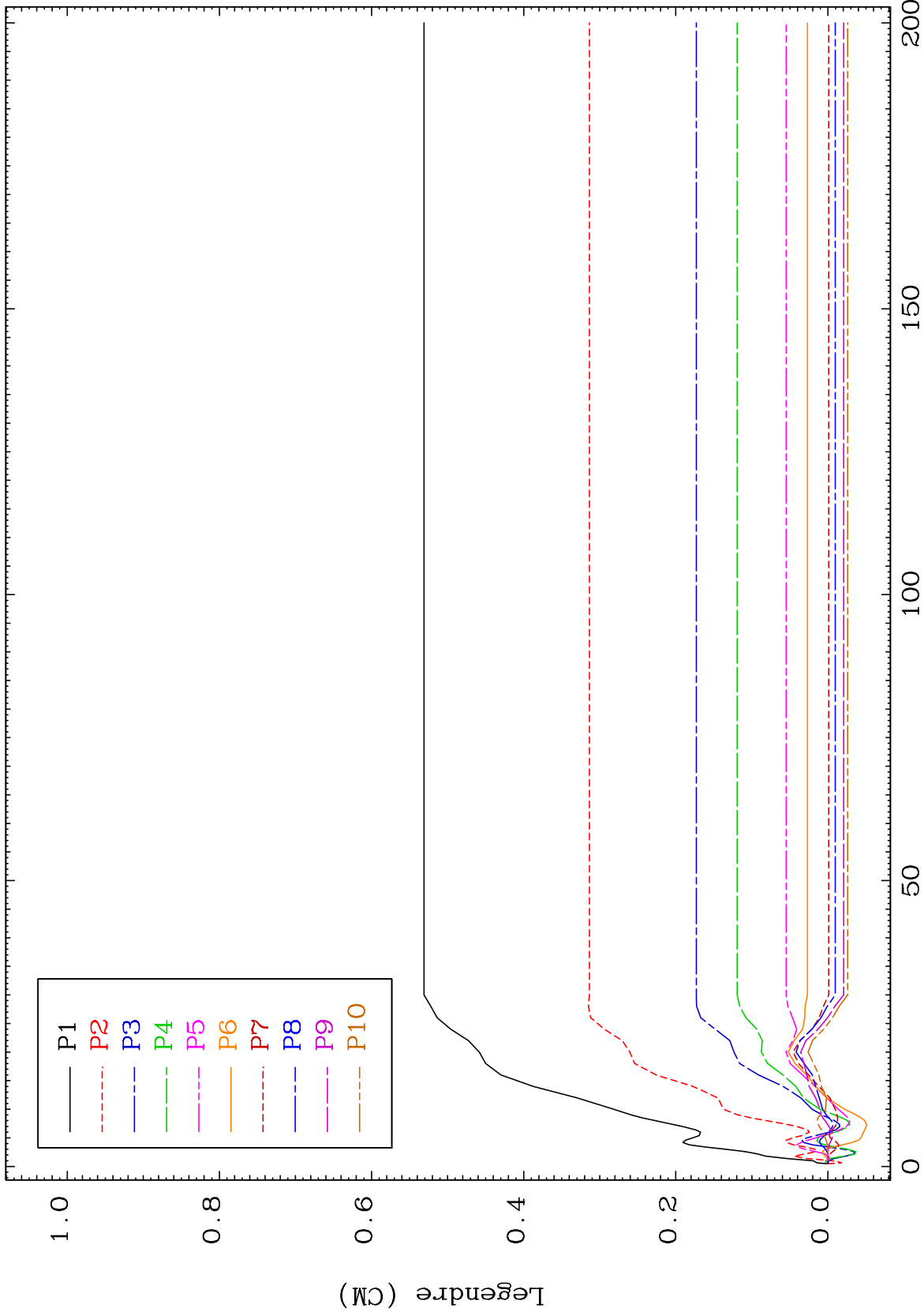
71-Lu-180



MAT 7140

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

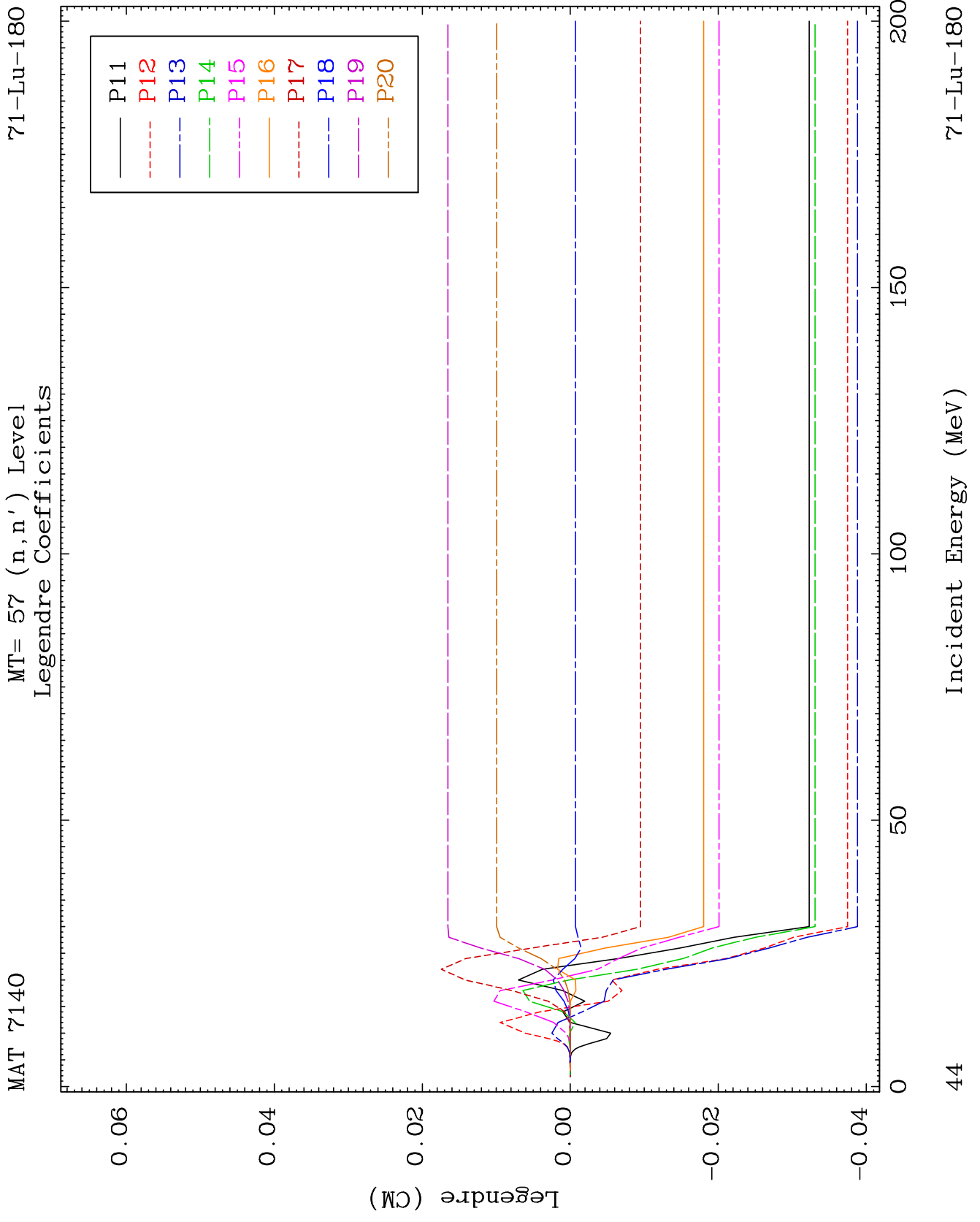
71-Lu-180



43

Incident Energy (MeV)

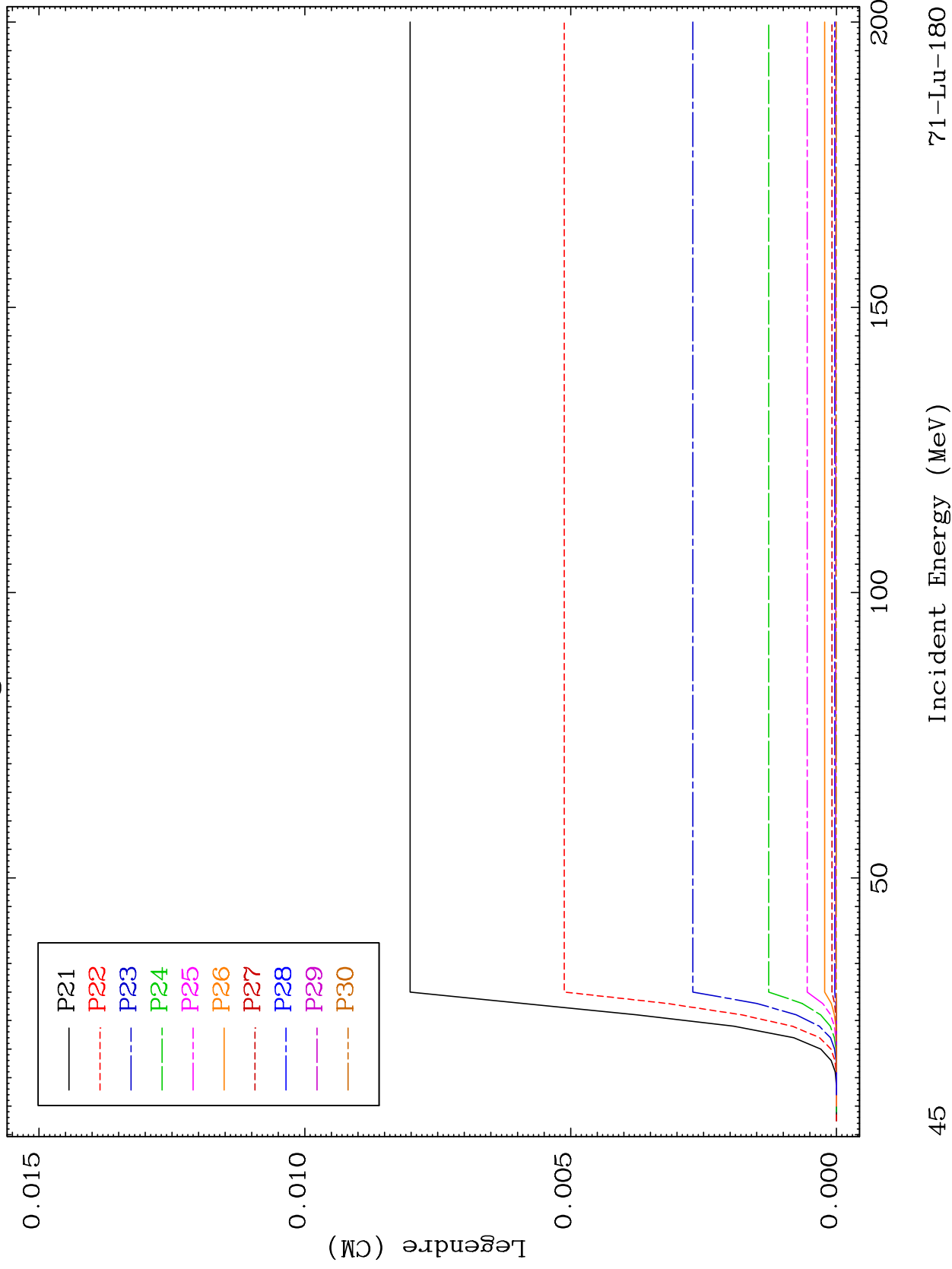
71-Lu-180



MAT 7140

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

71-Lu-180



45

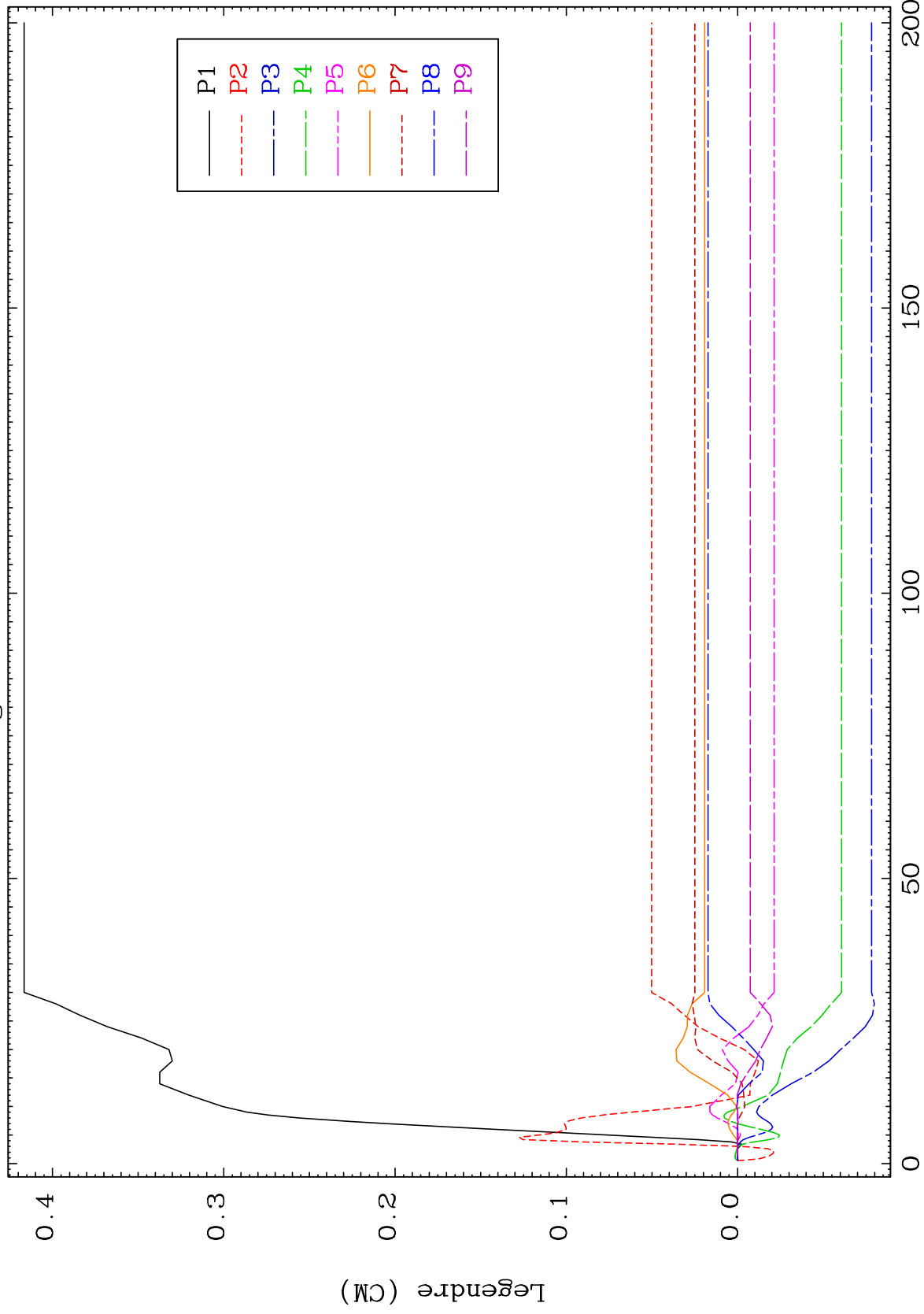
Incident Energy (MeV)

71-Lu-180

MAT 7140

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

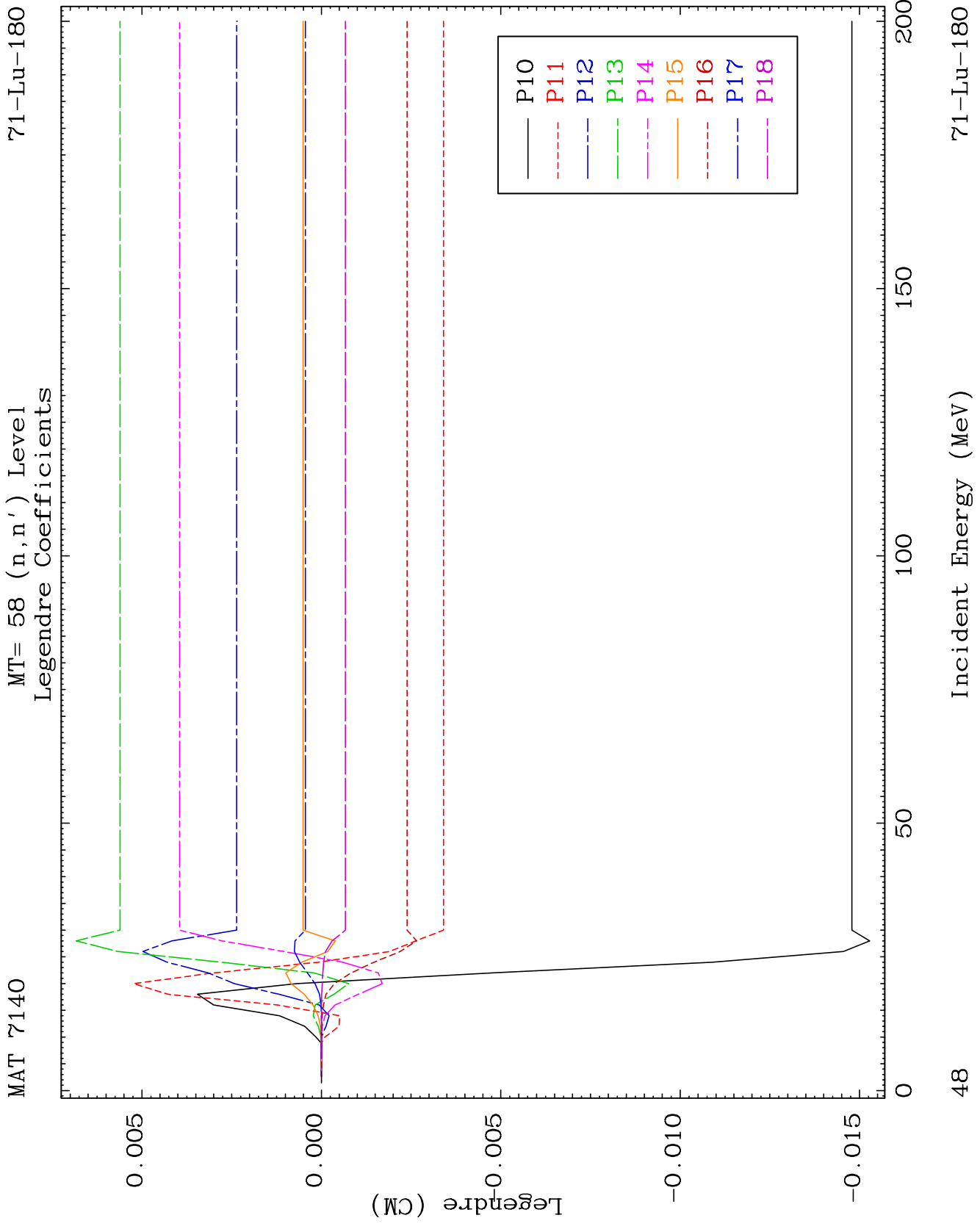
71-Lu-180



47

Incident Energy (MeV)

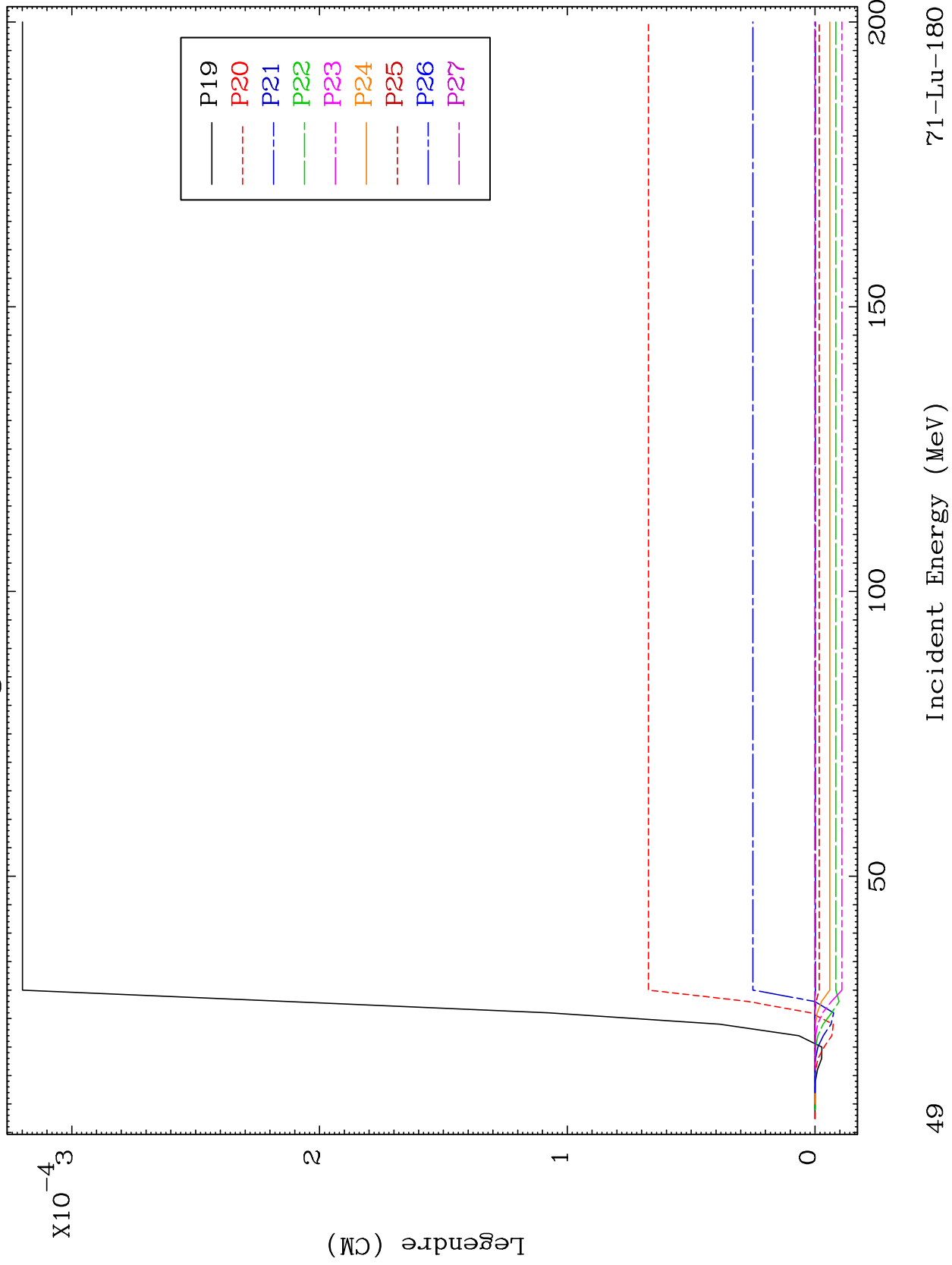
71-Lu-180



MAT 7140

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

71-Lu-180



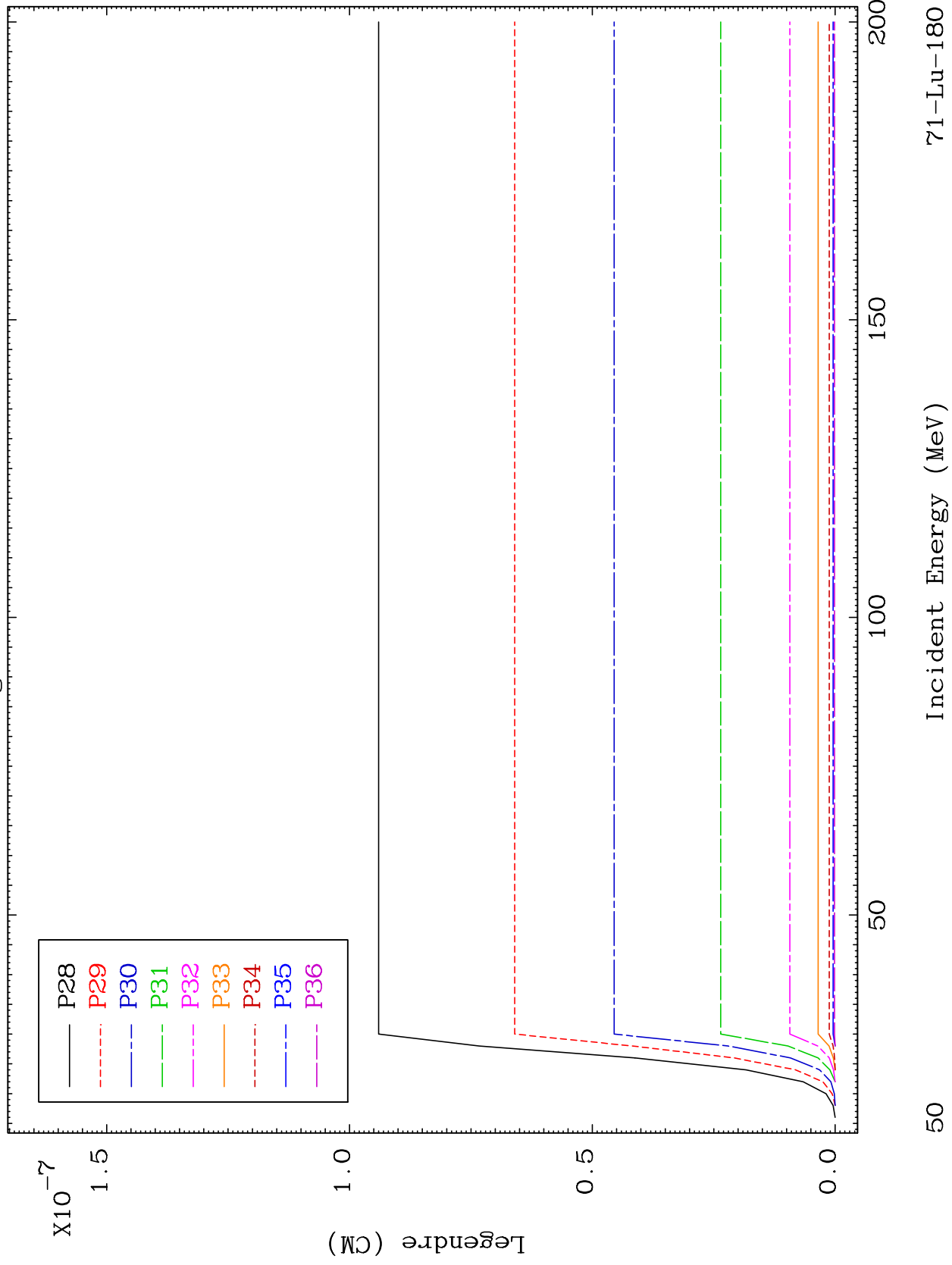
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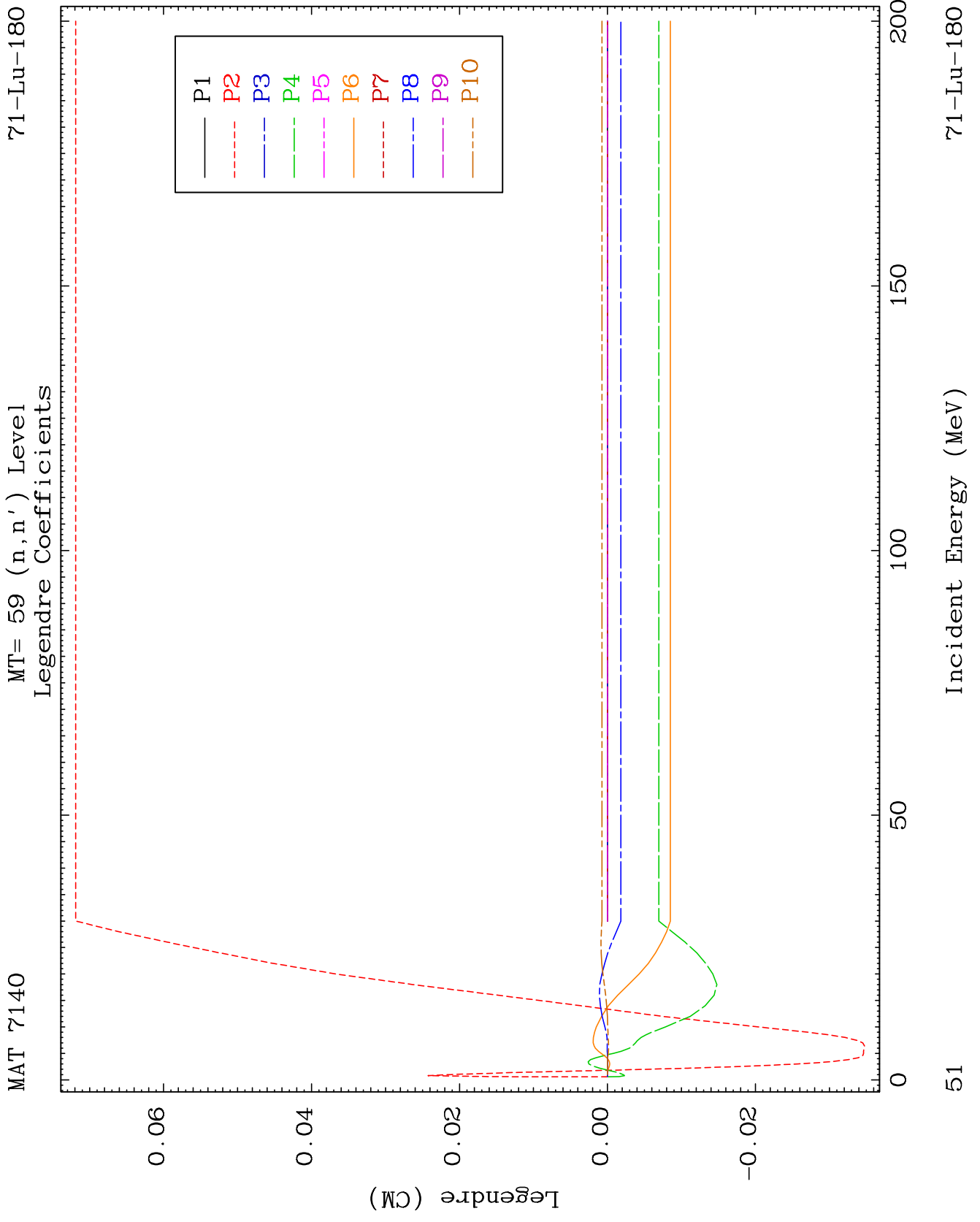
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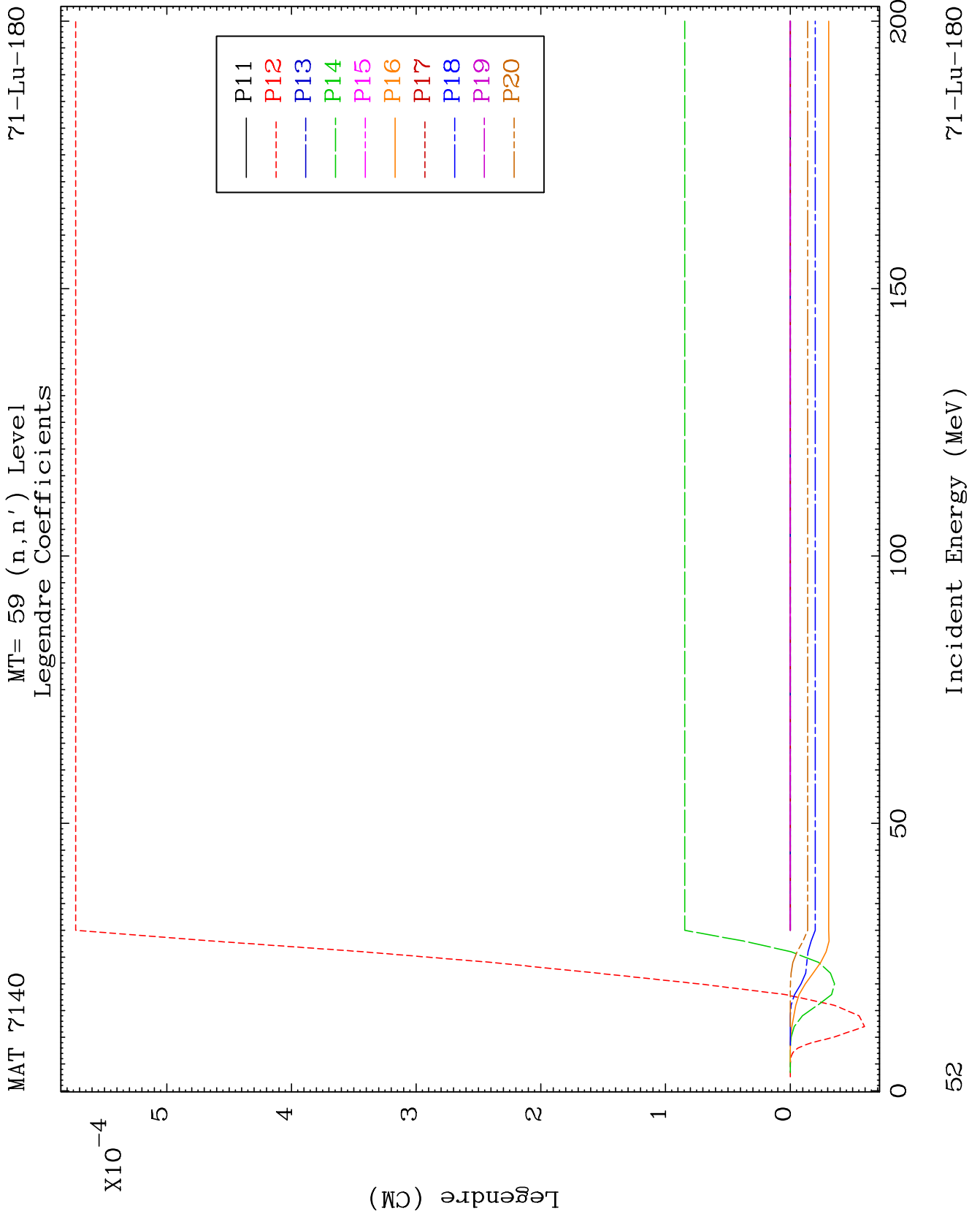
MAT 7140

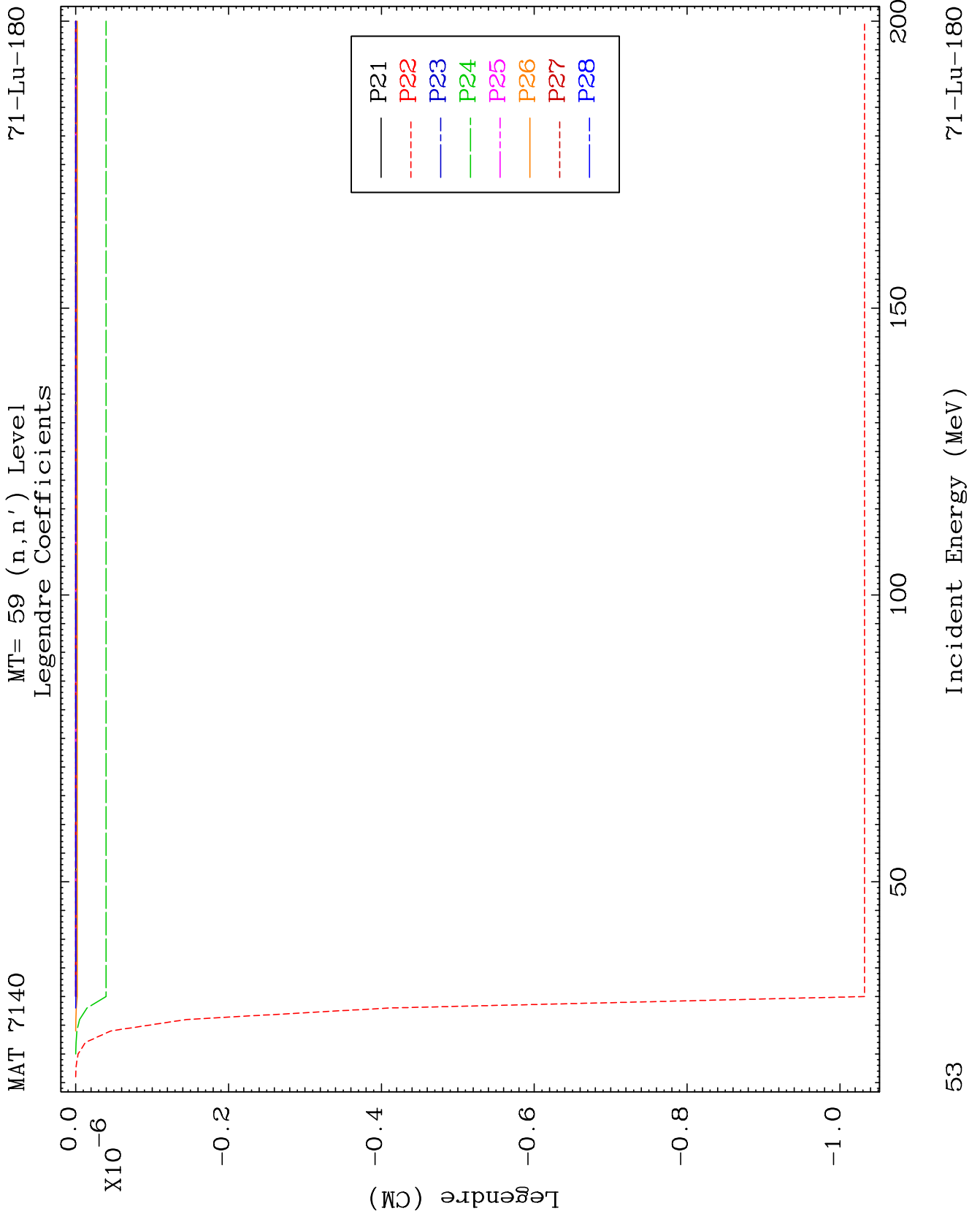
MT= 58 (n,n') Level
Legendre Coefficients

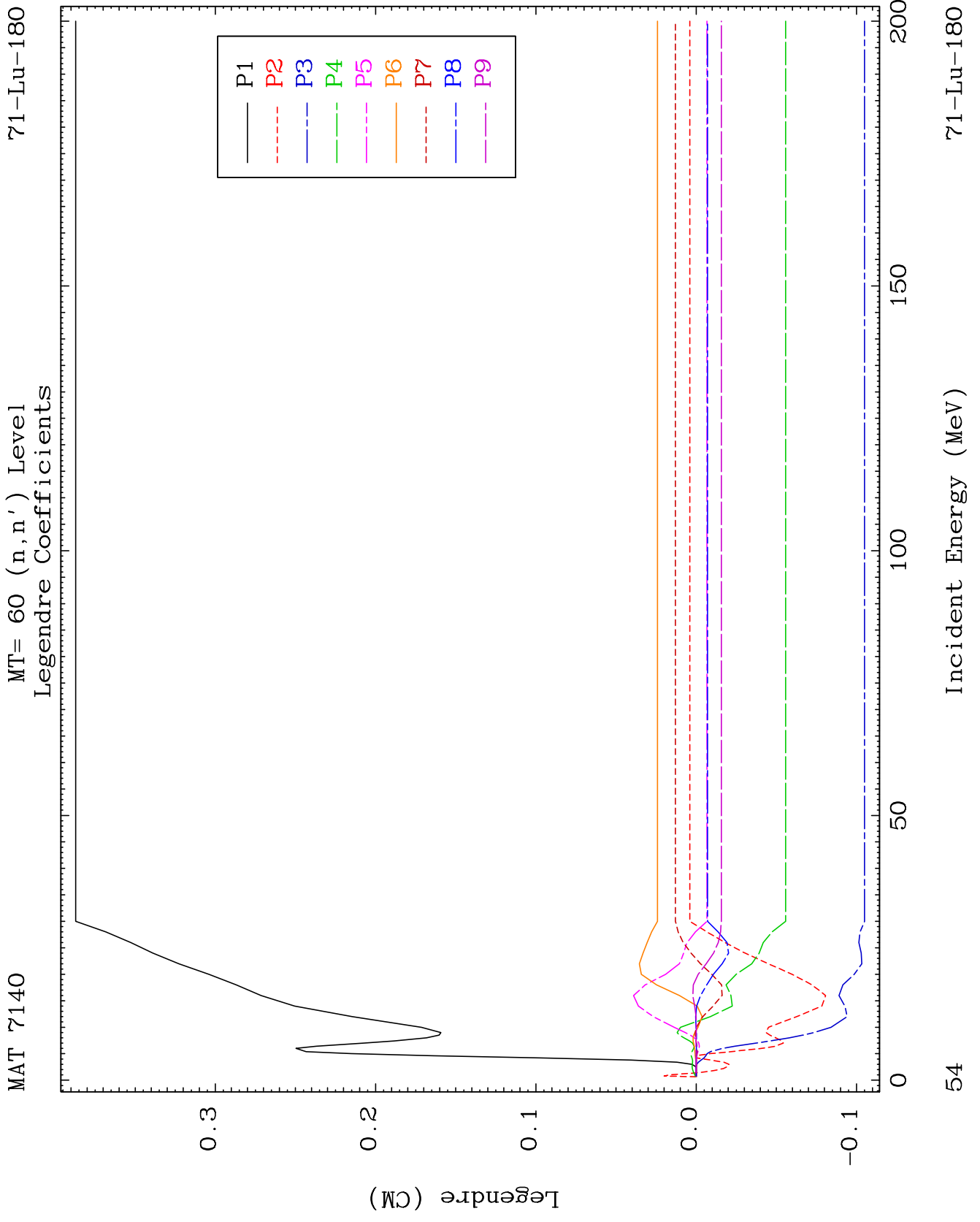
71-Lu-180

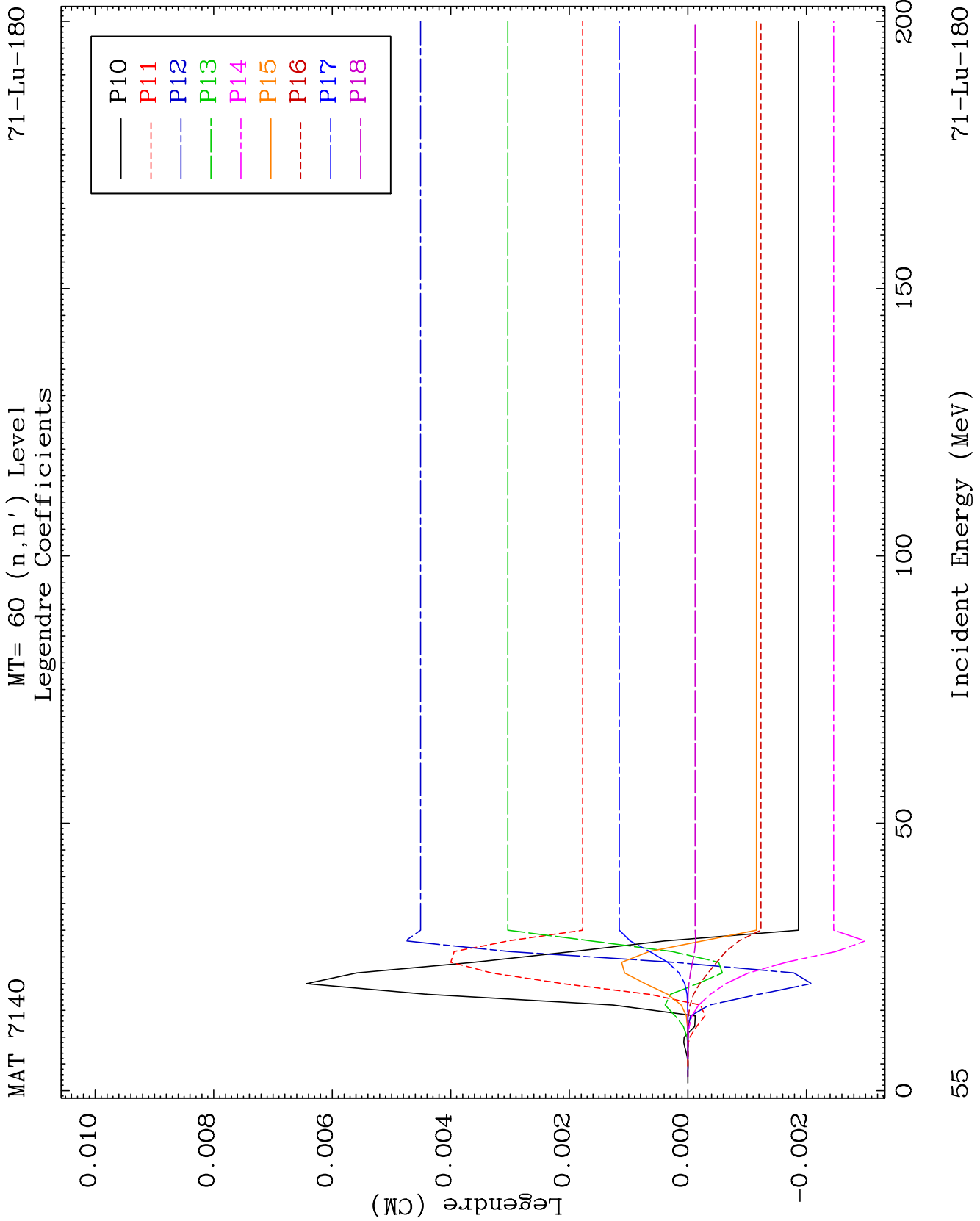


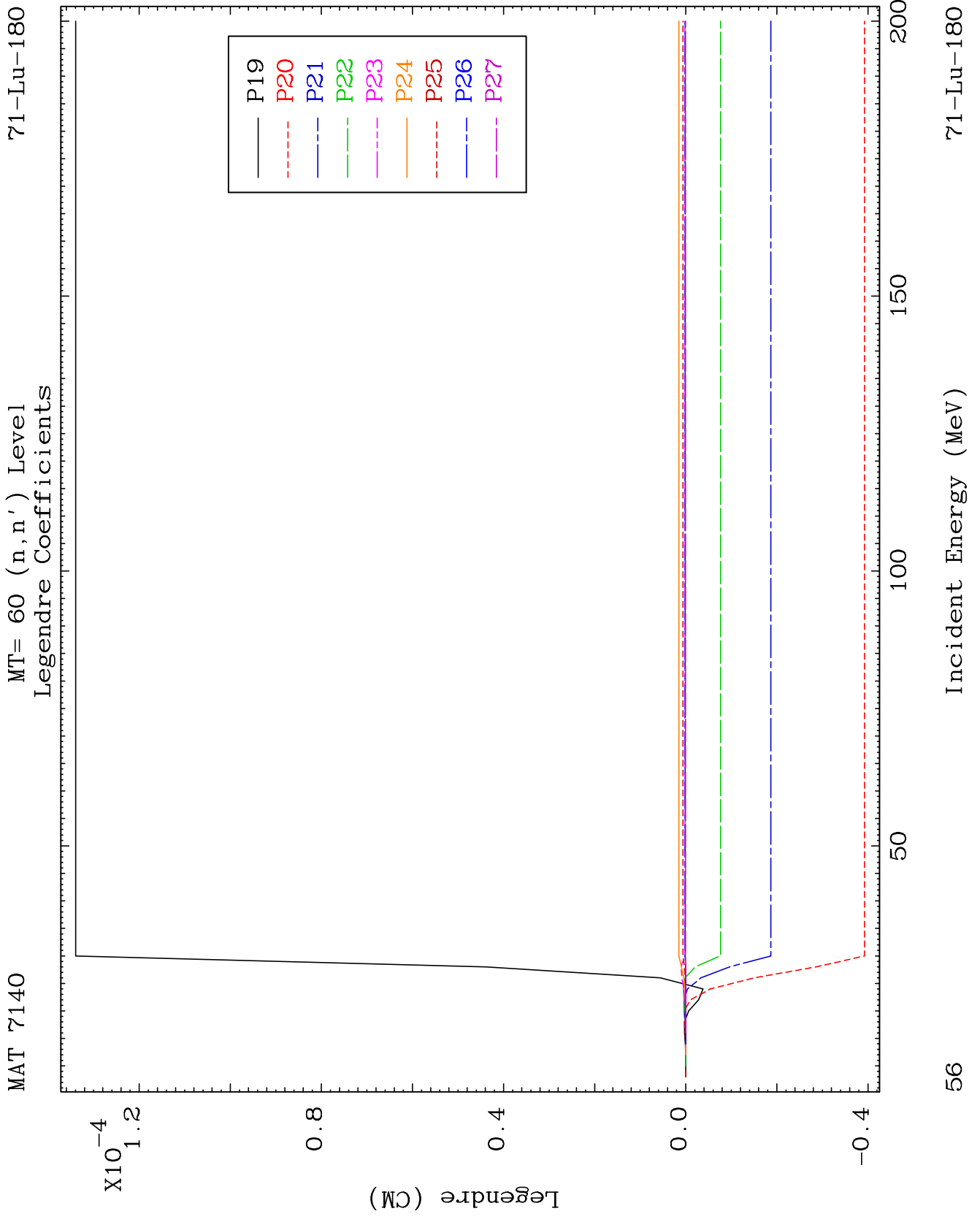








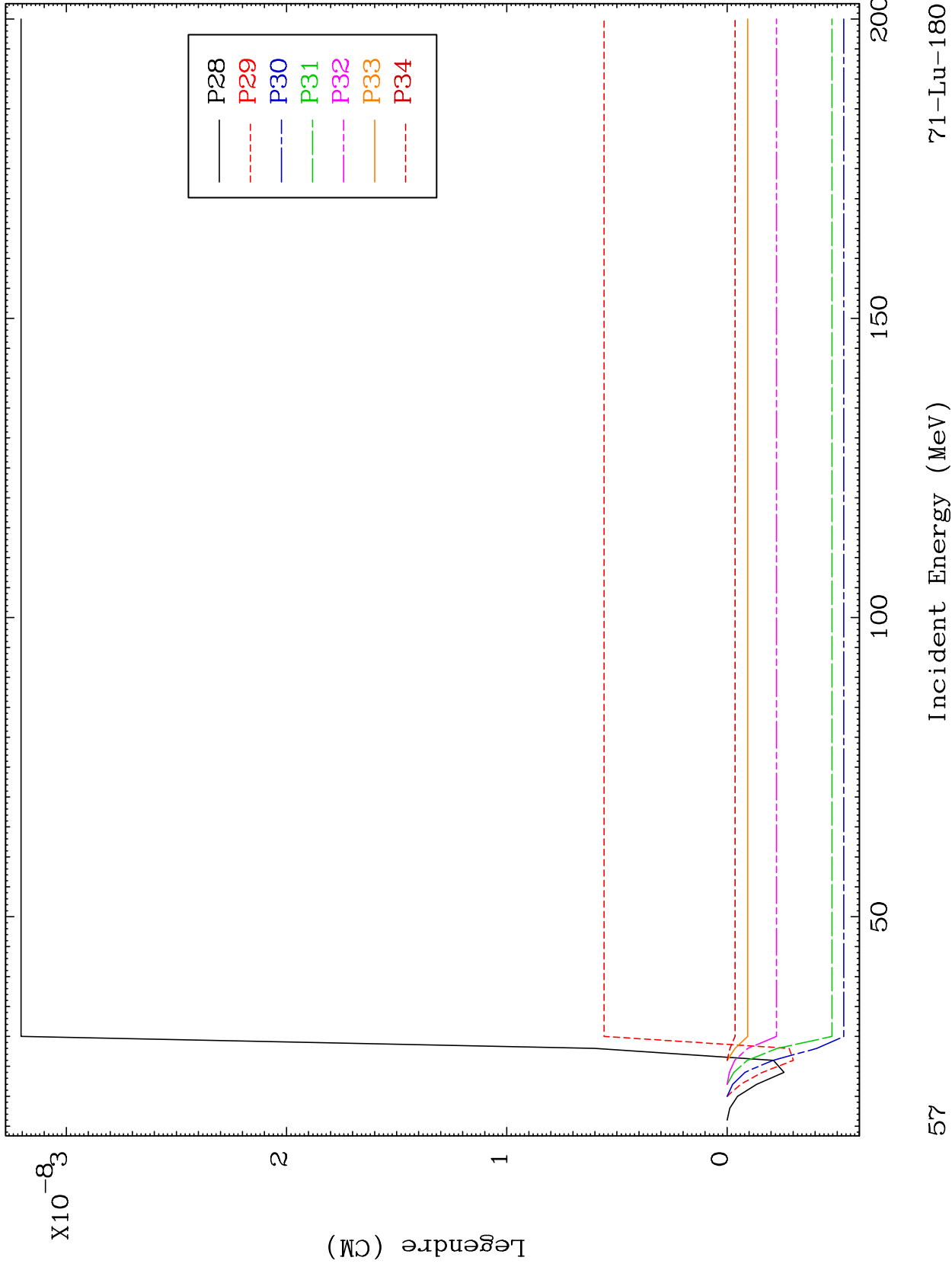


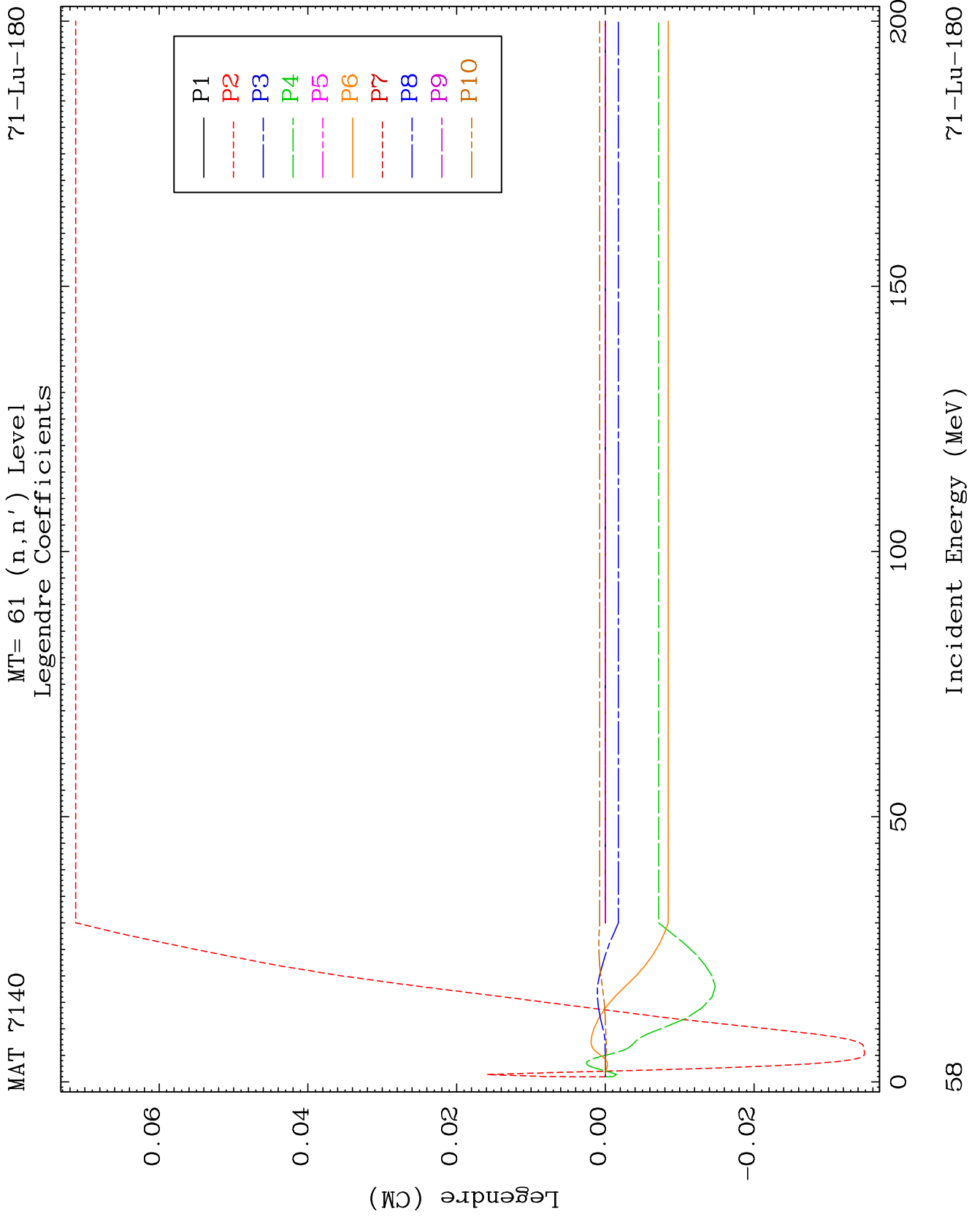


MAT 7140

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

71-Lu-180

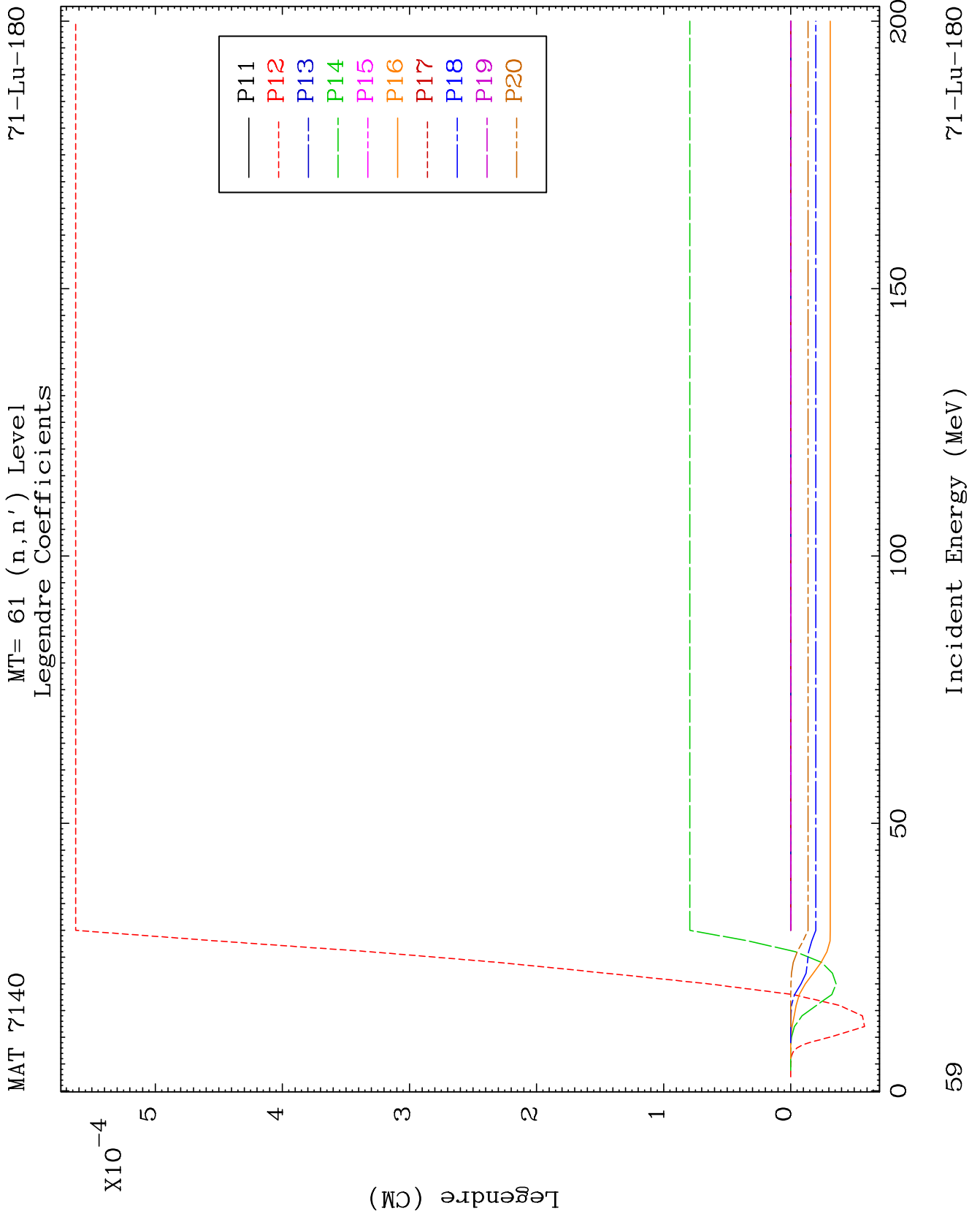


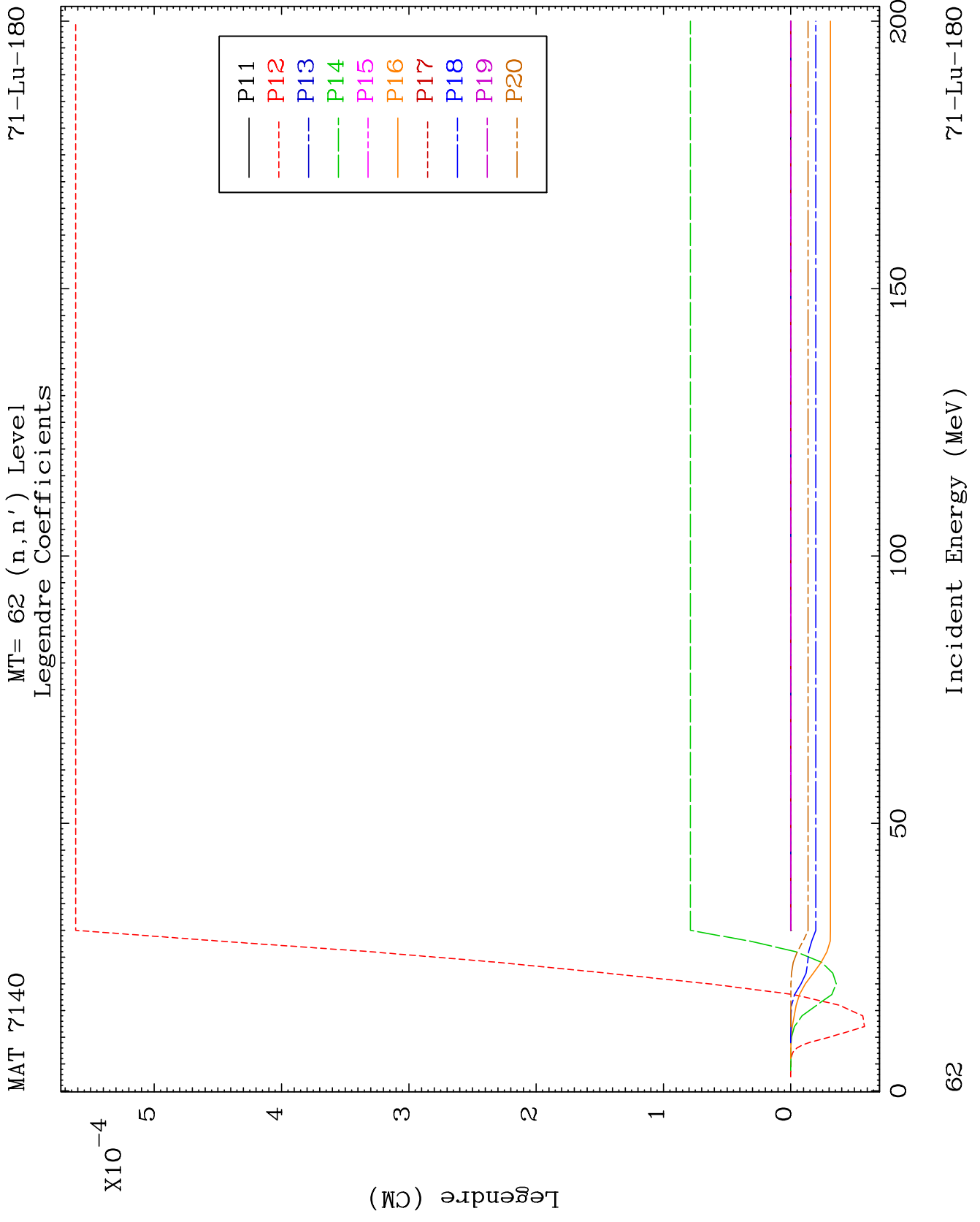


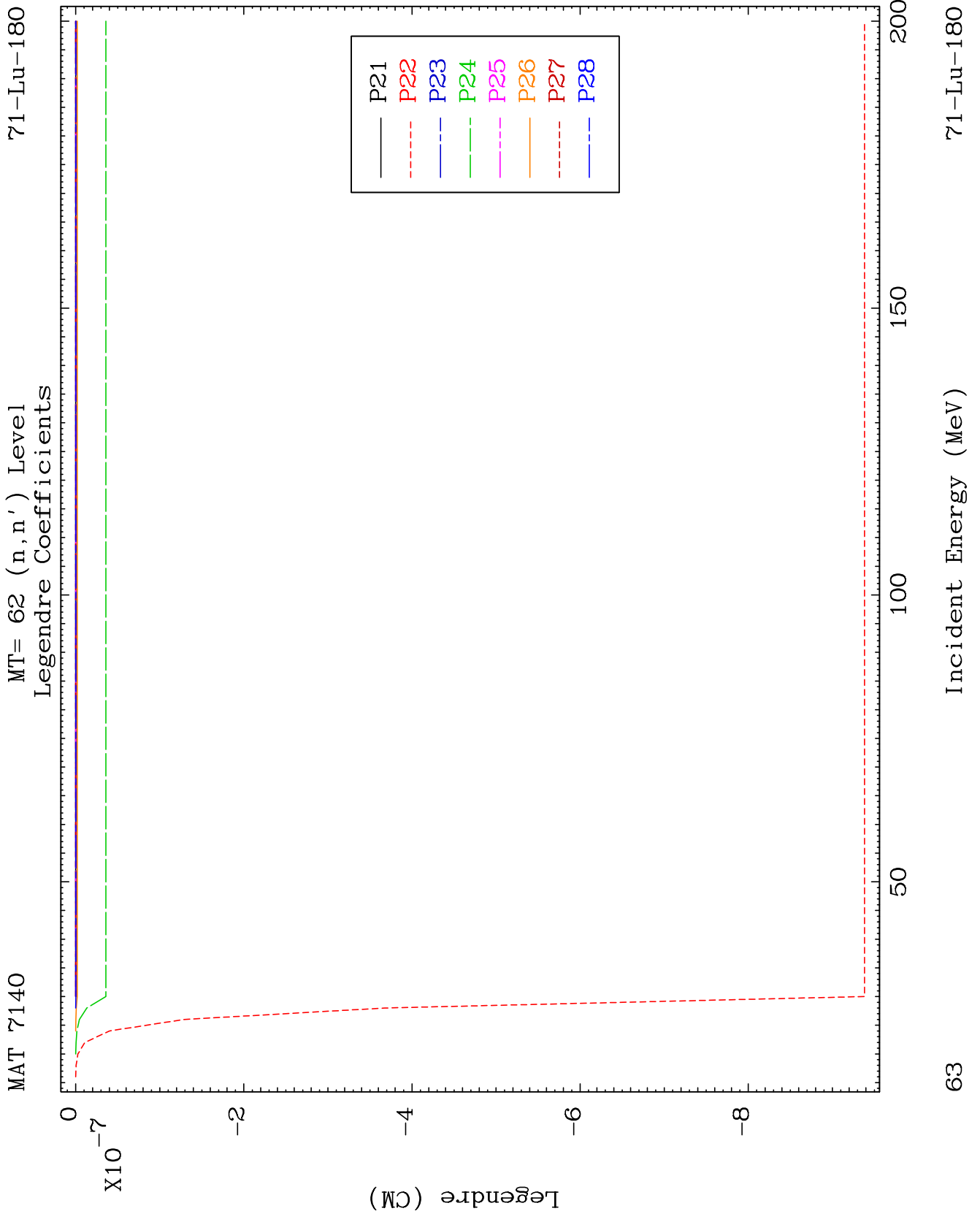
71-Lu-180

Incident Energy (MeV)

58



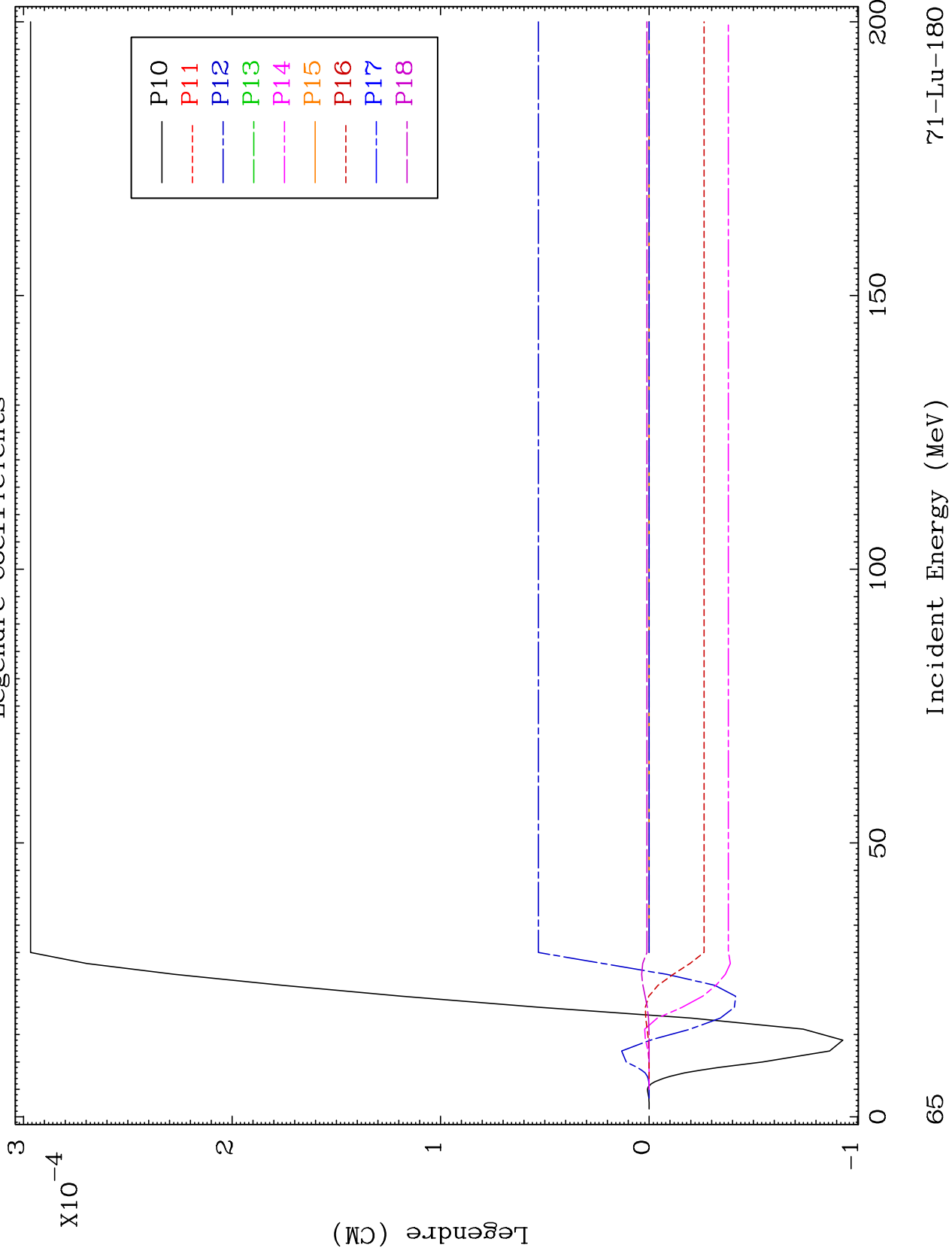




MAT 7140

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

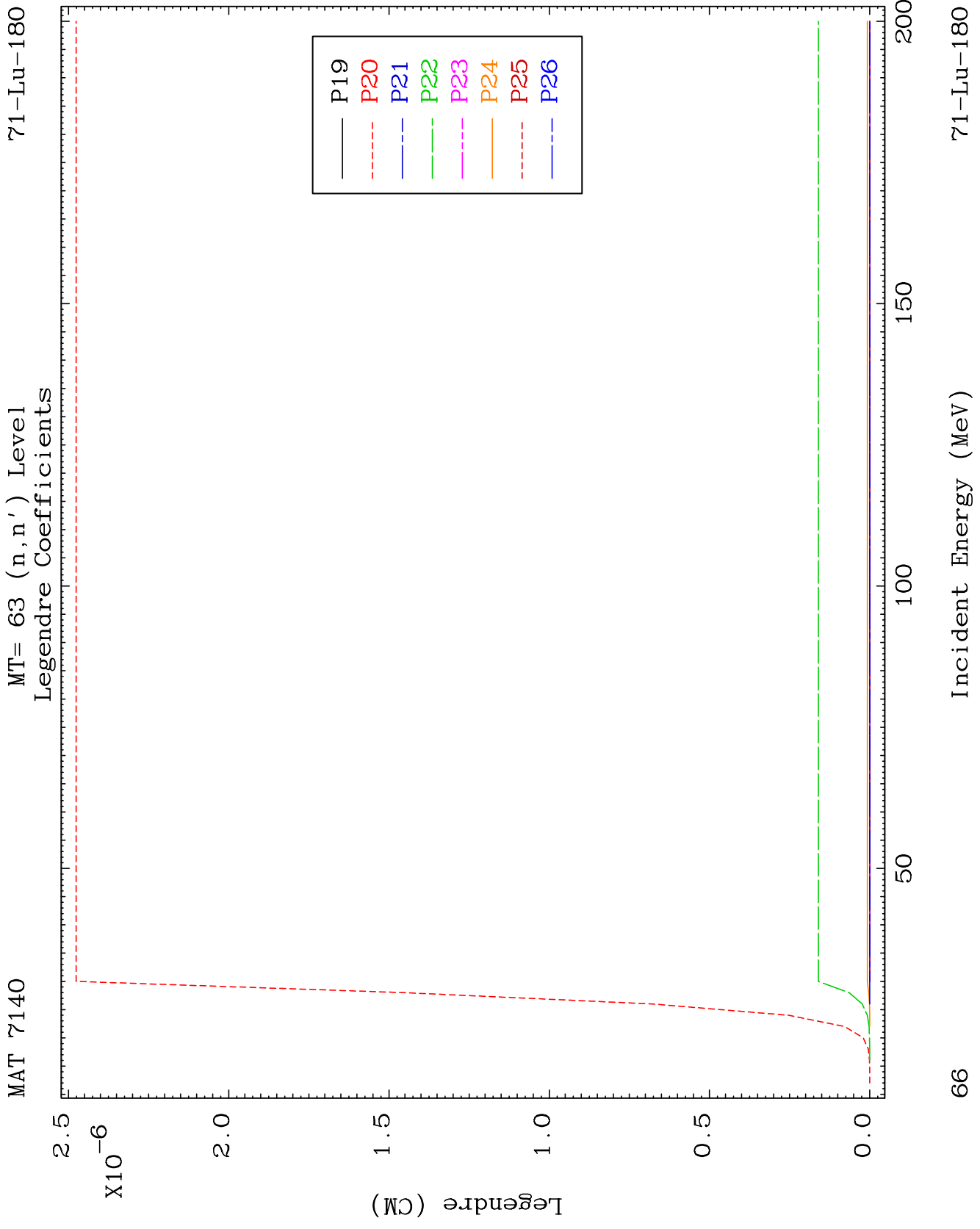
71-Lu-180



71-Lu-180

Incident Energy (MeV)

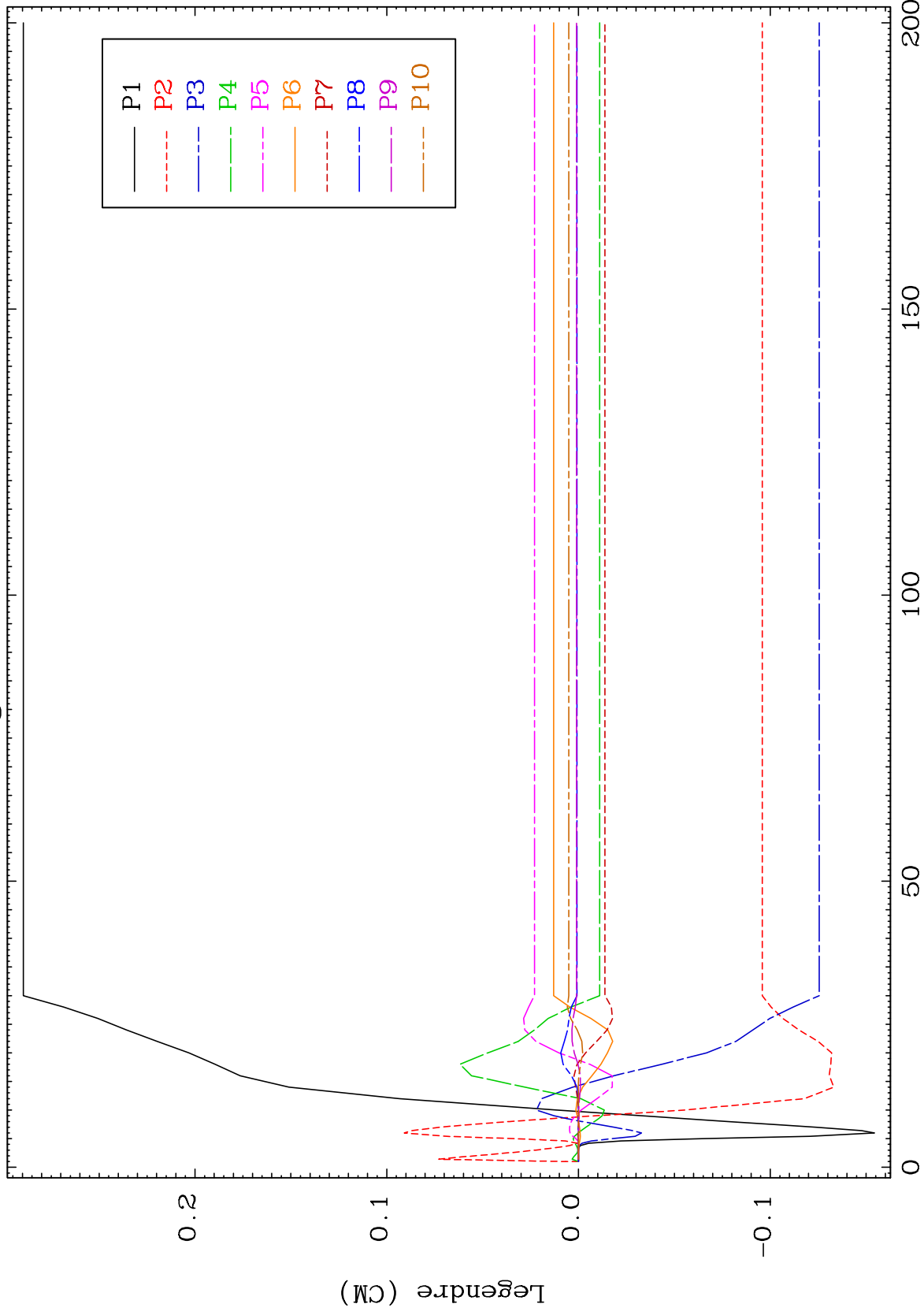
65



MAT 7140

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

71-Lu-180



67

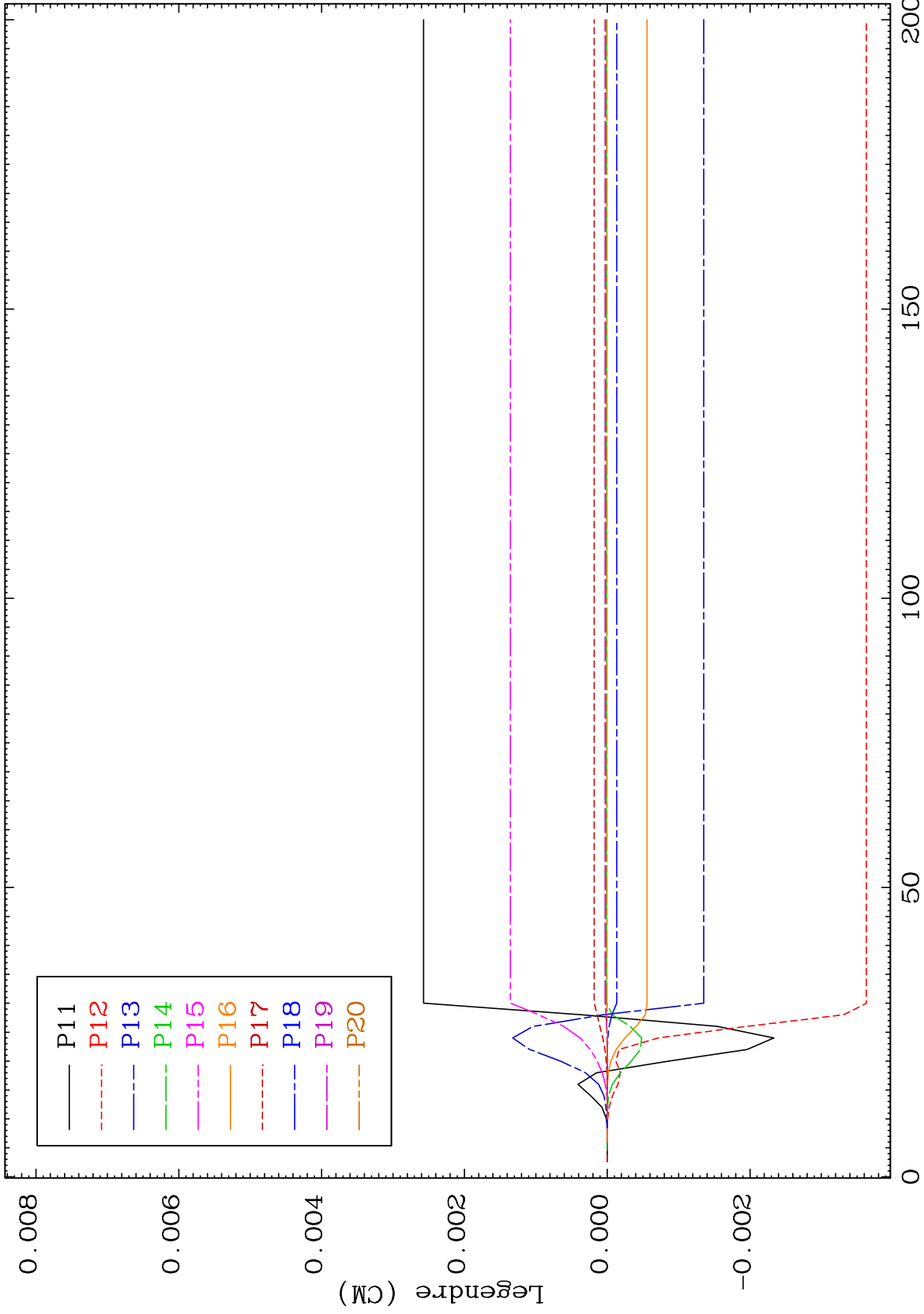
Incident Energy (MeV)

71-Lu-180

MAT 7140

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

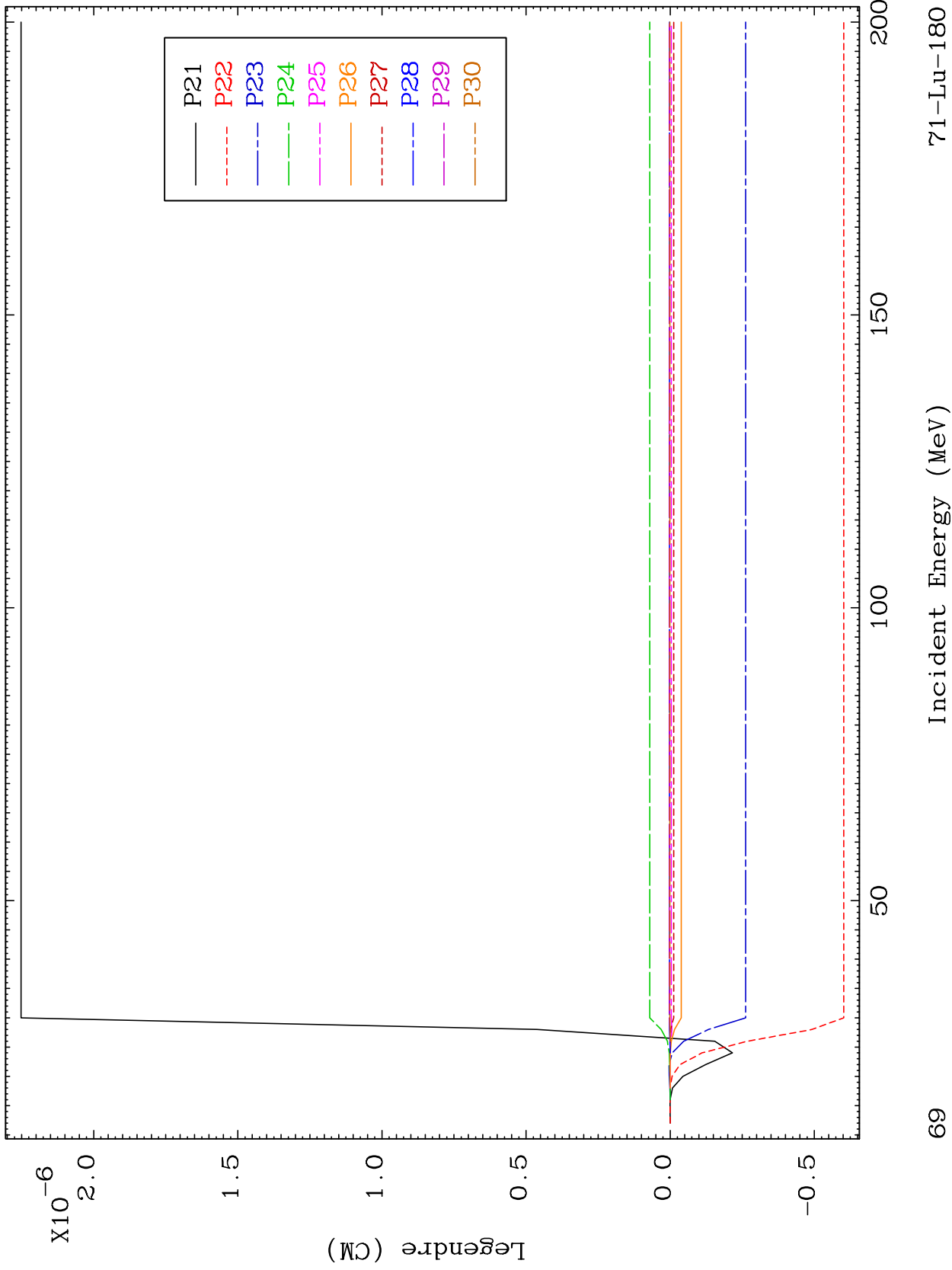
71-Lu-180

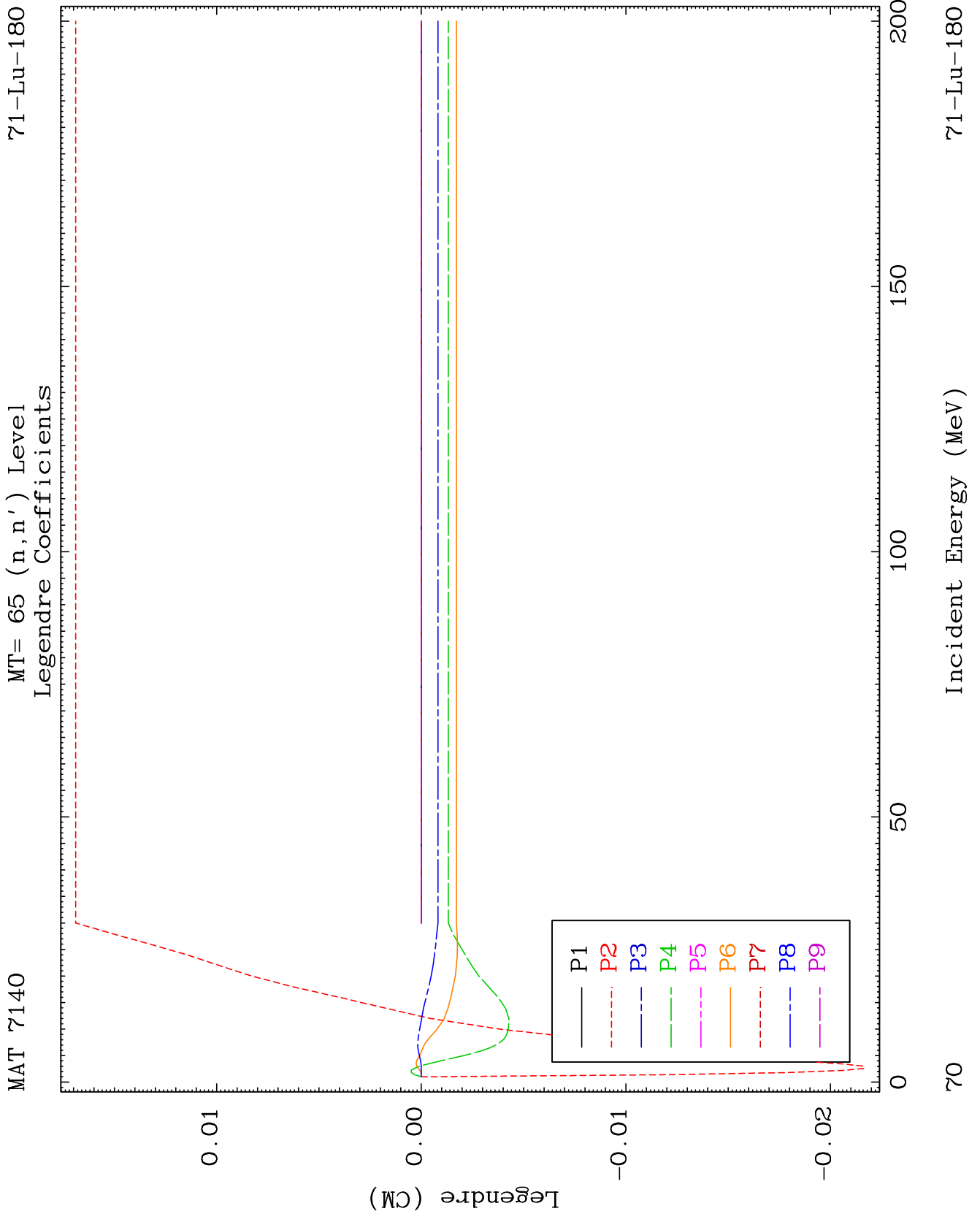


68

Incident Energy (MeV)

71-Lu-180

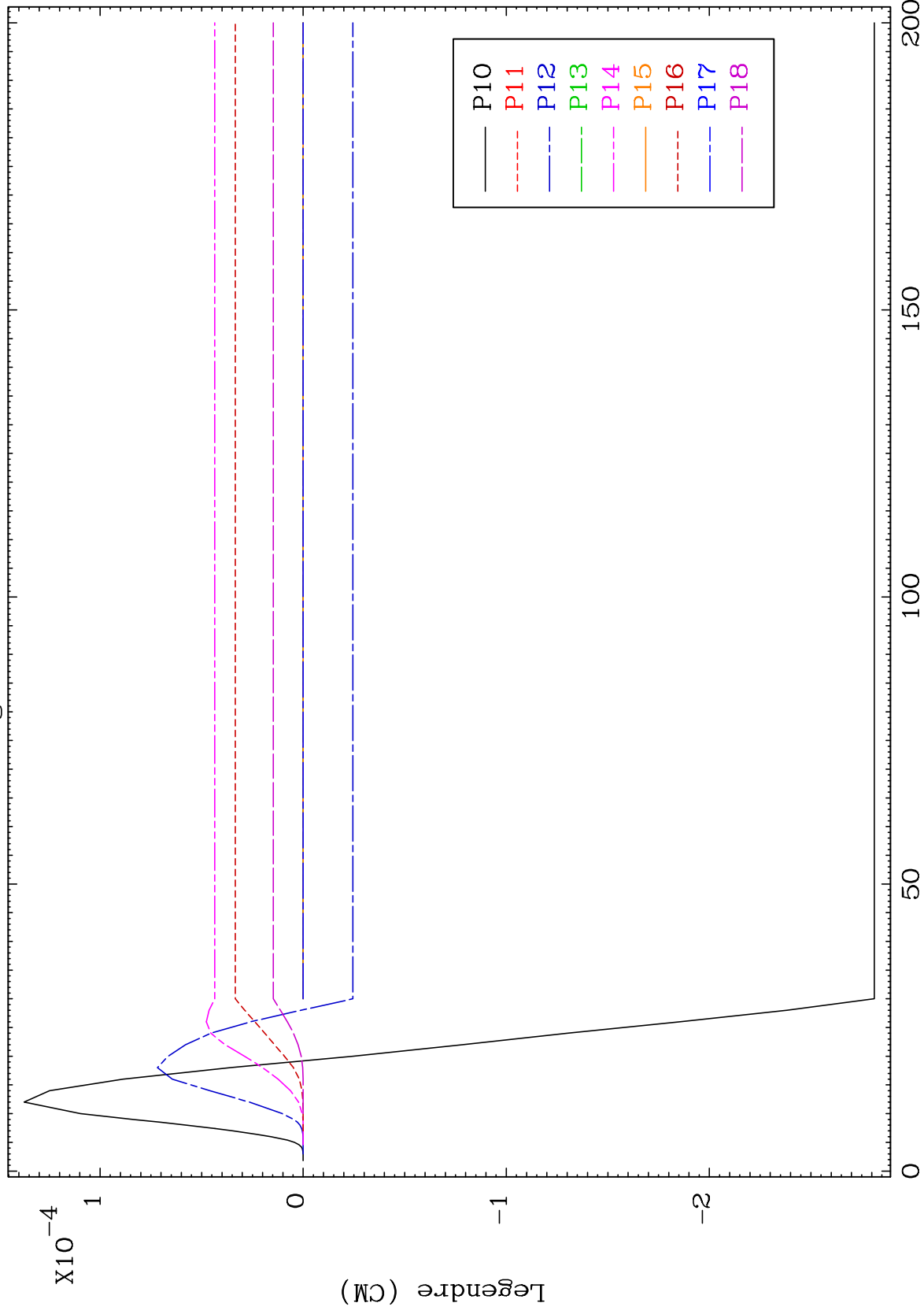




MAT 7140

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

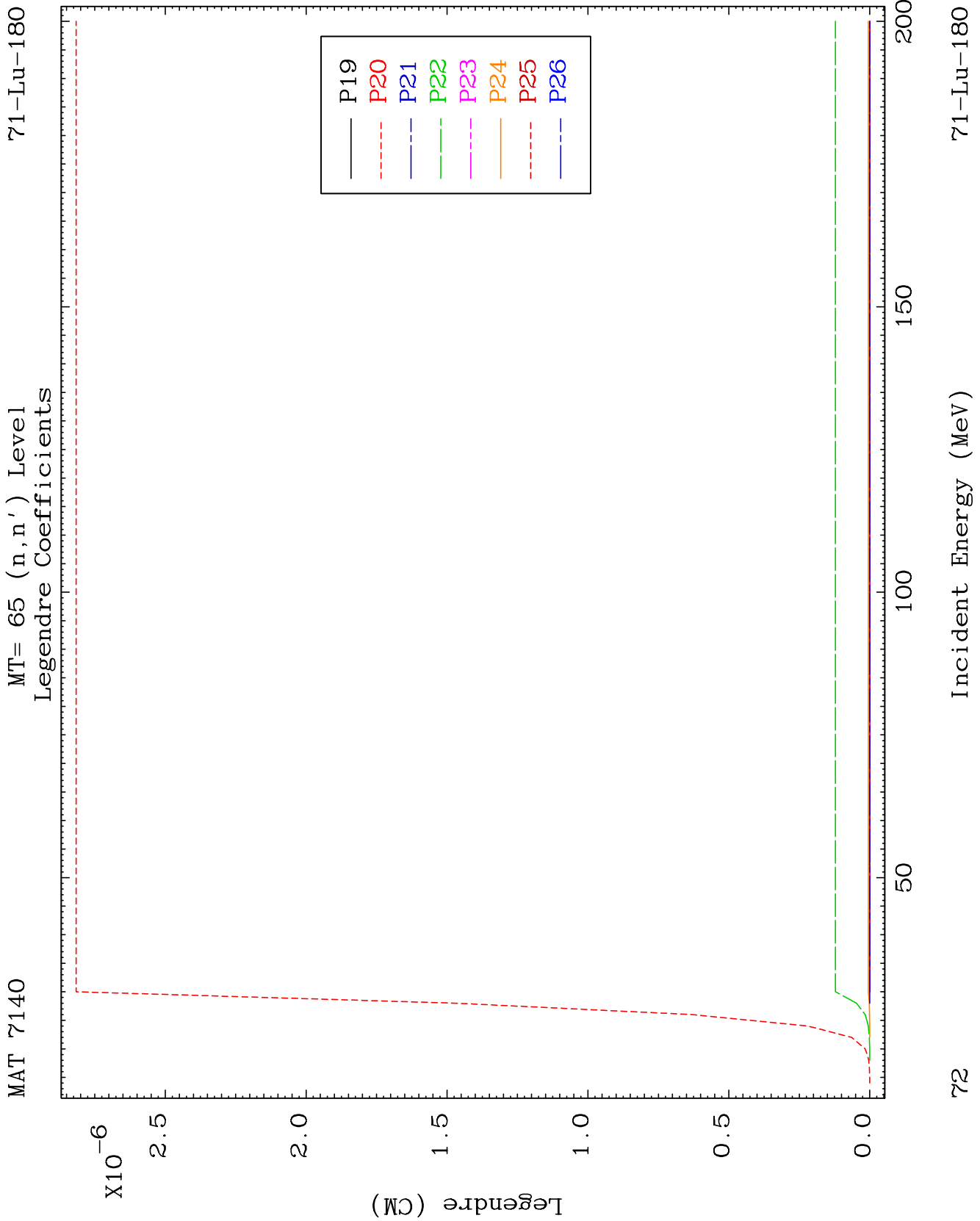
71-Lu-180

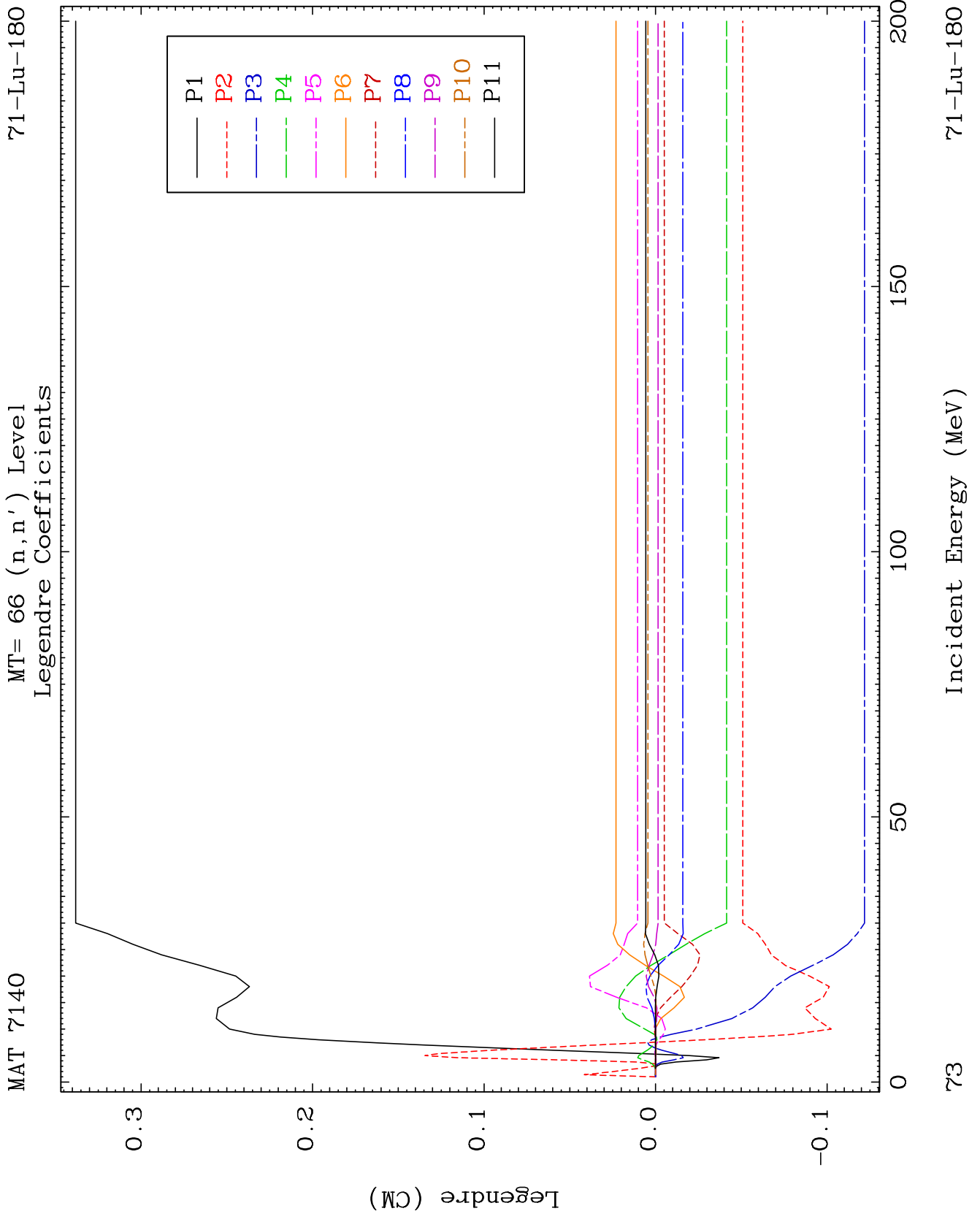


71

Incident Energy (MeV)

71-Lu-180

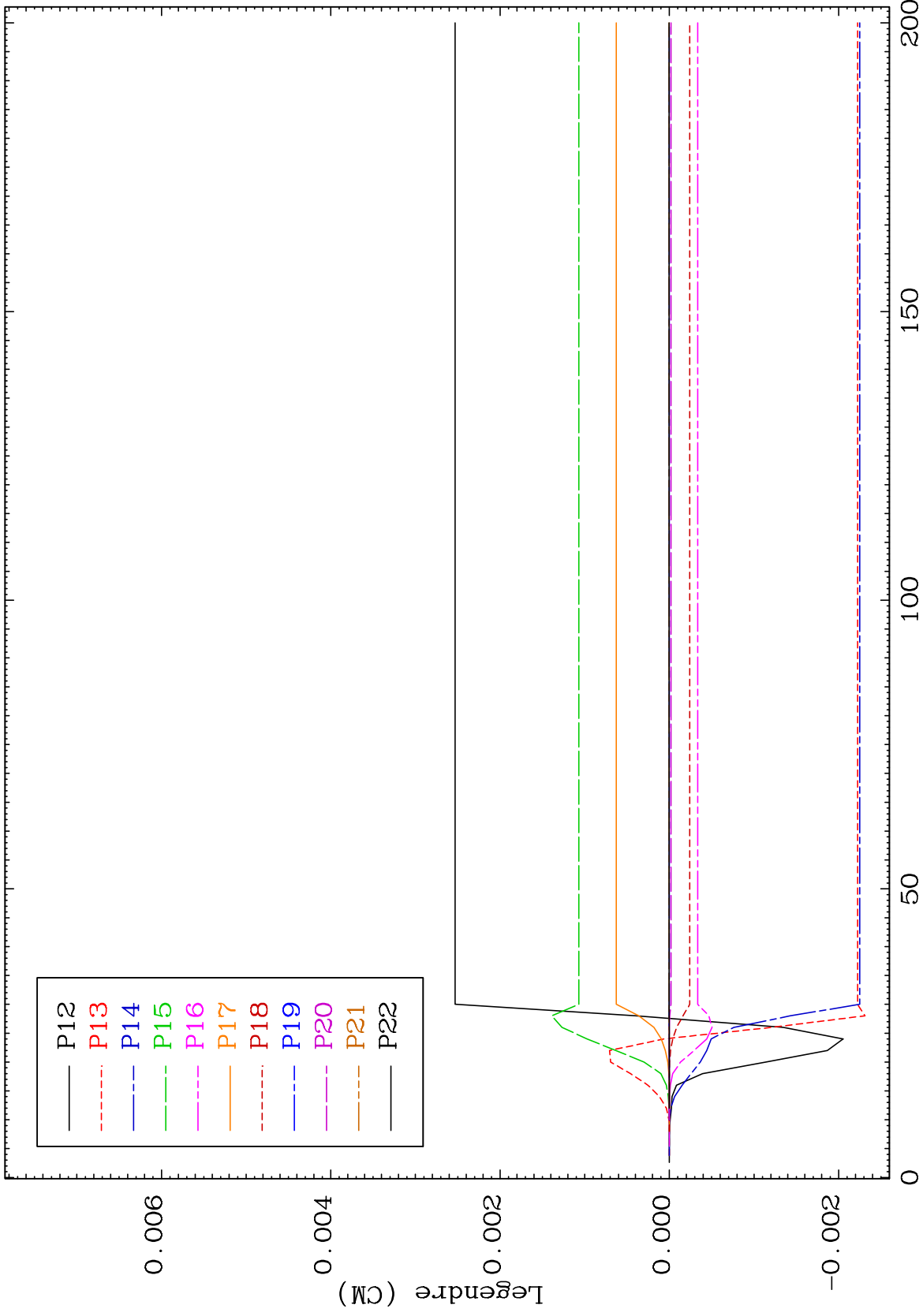




MAT 7140

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

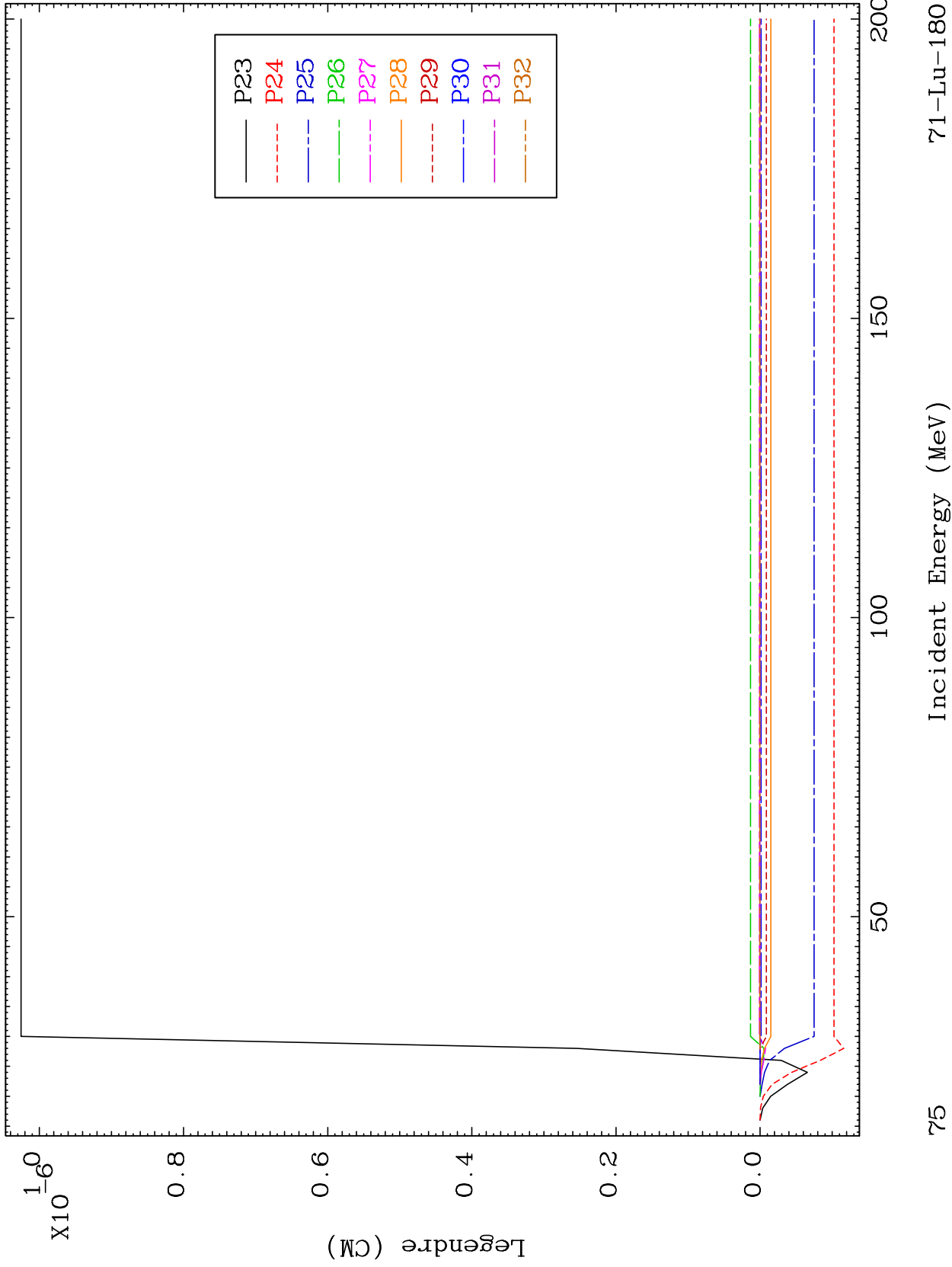
71-Lu-180



MAT 7140

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

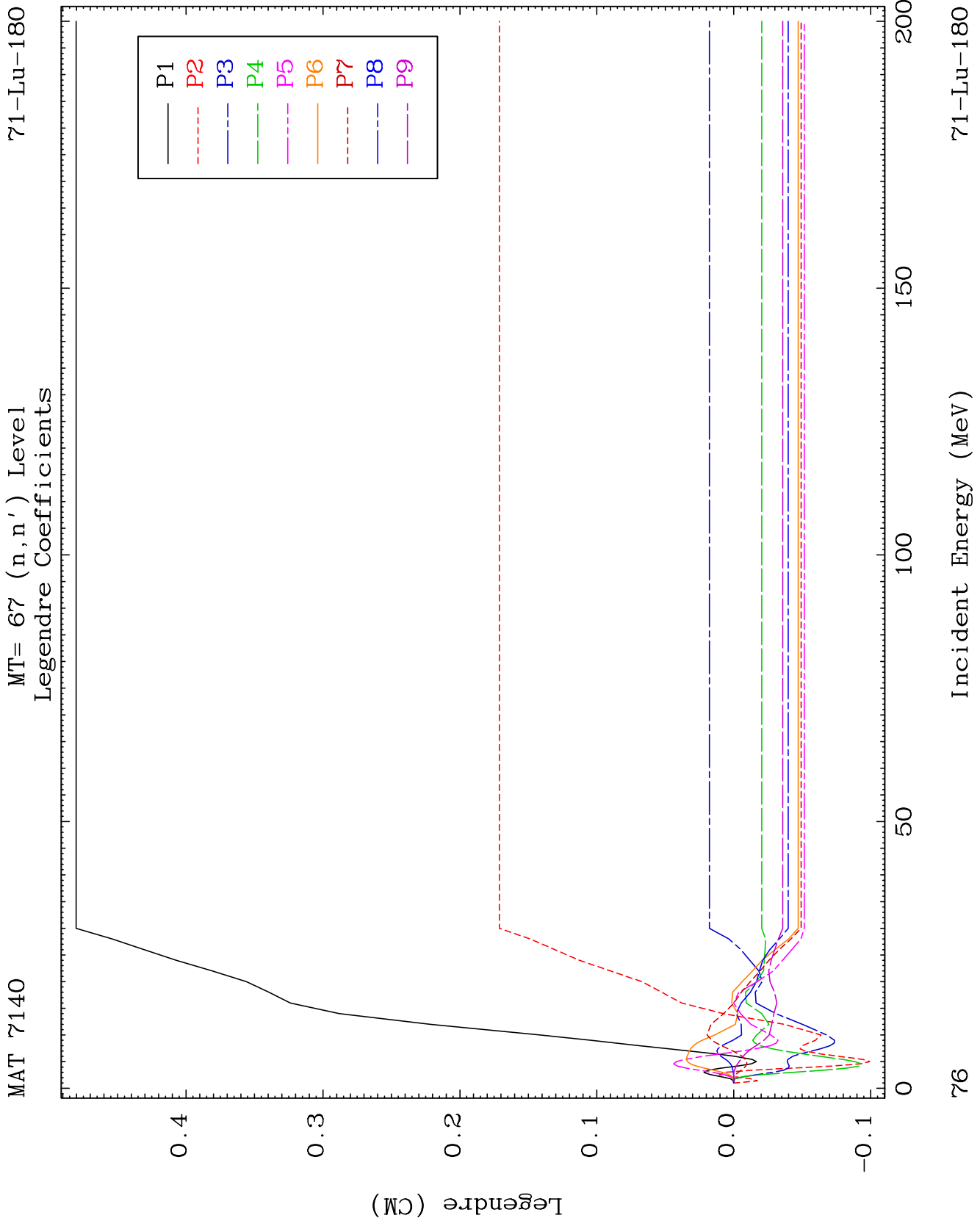
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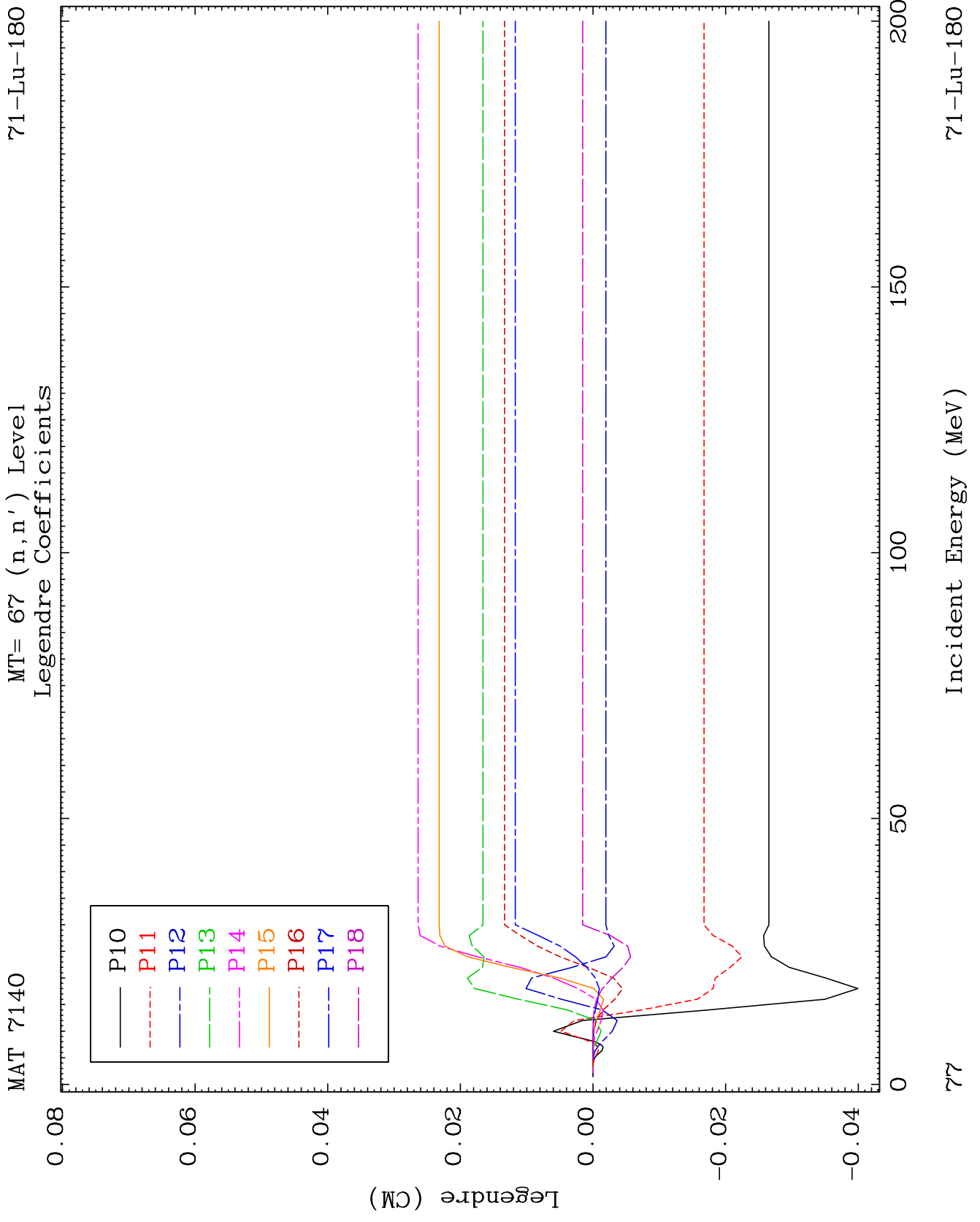


75

Incident Energy (MeV)

71-Lu-180

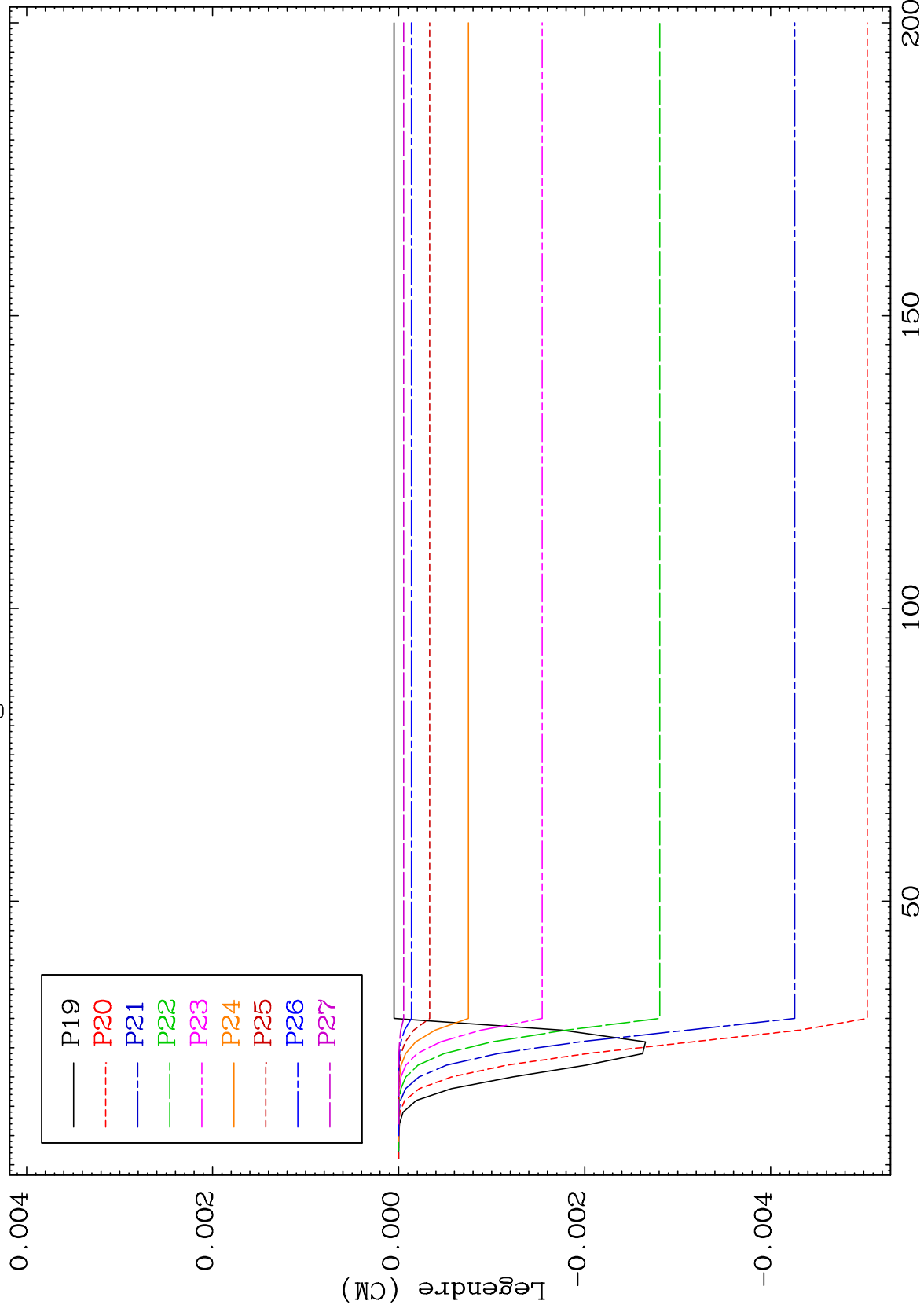




MAT 7140

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

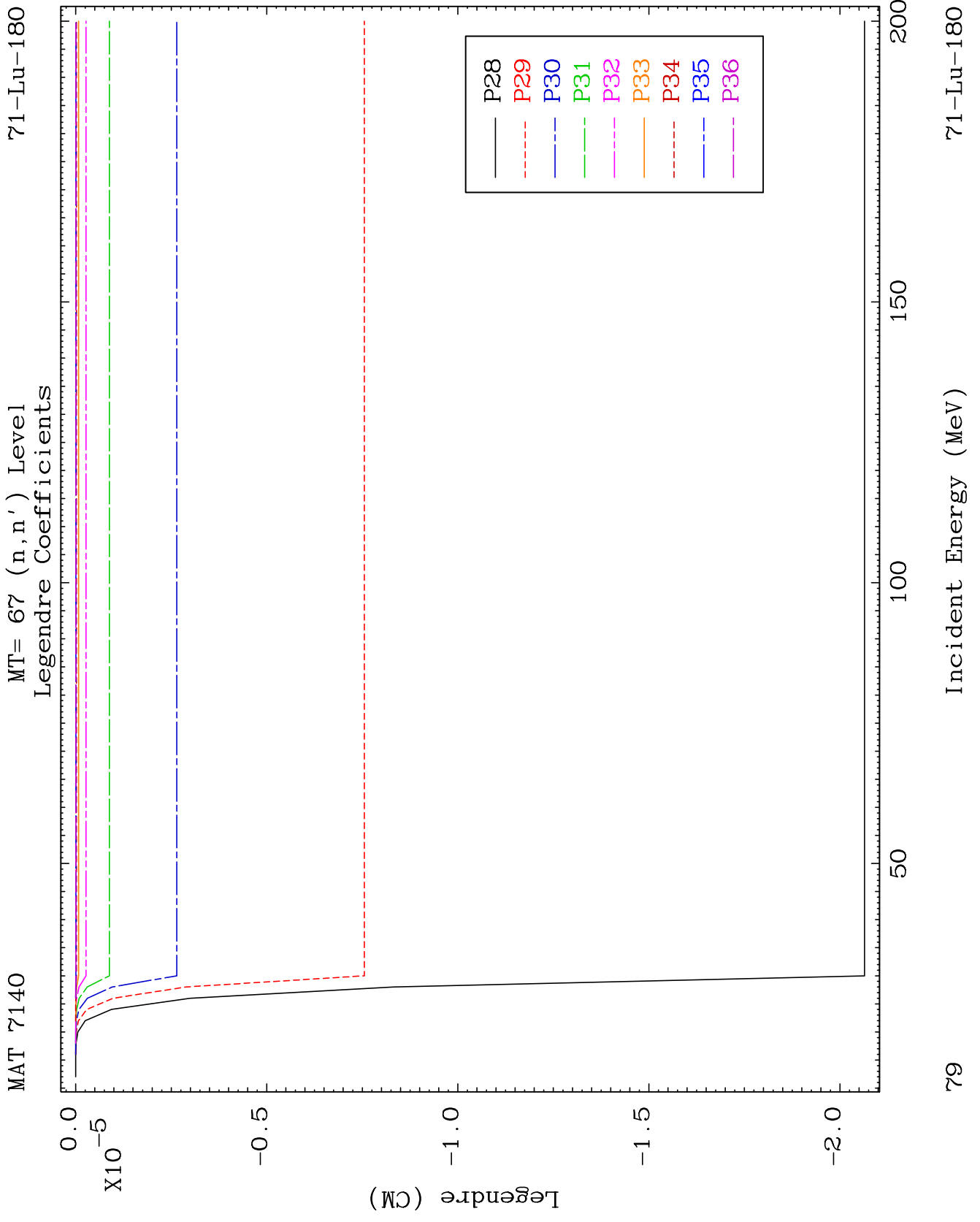
71-Lu-180

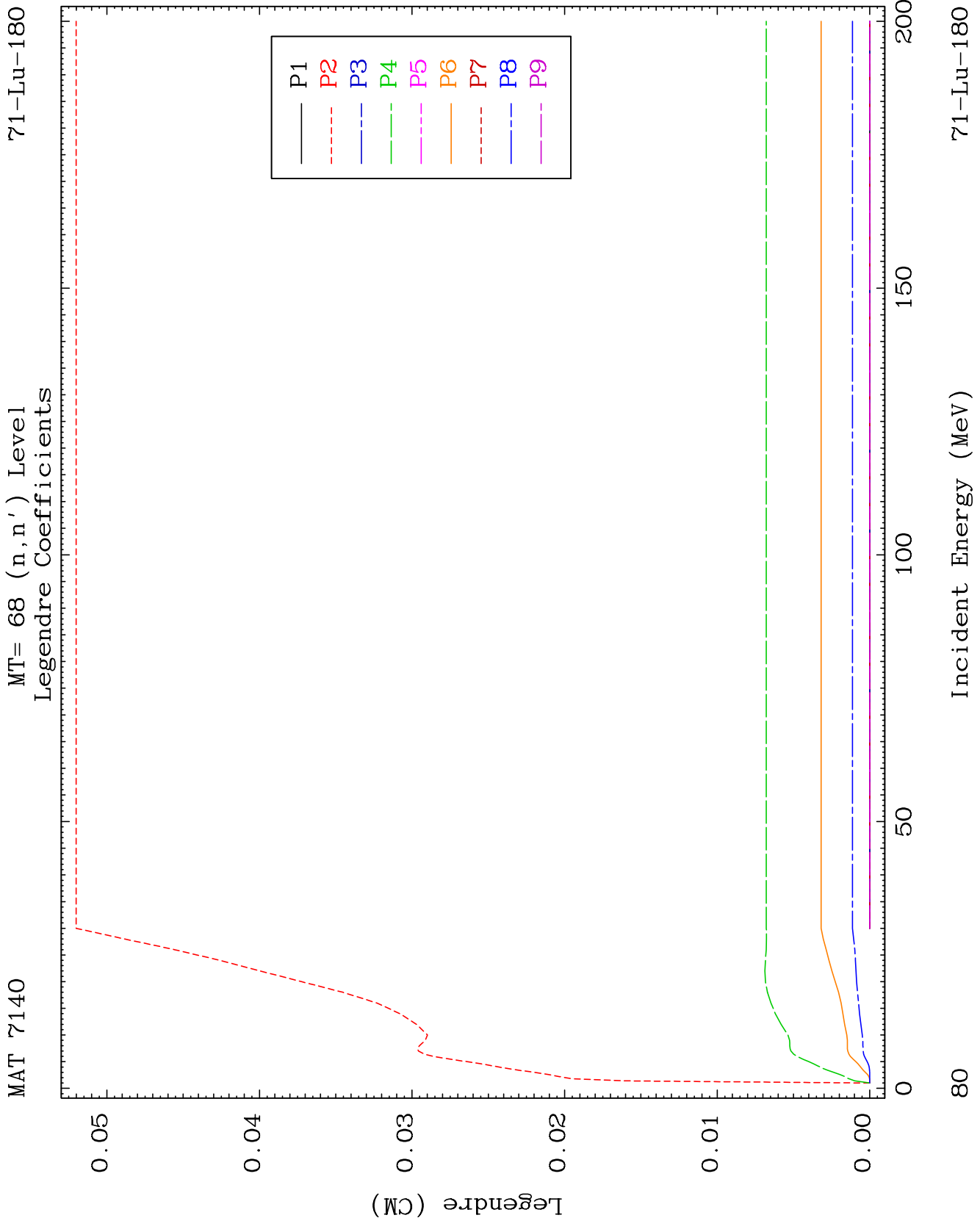


78

Incident Energy (MeV)

71-Lu-180

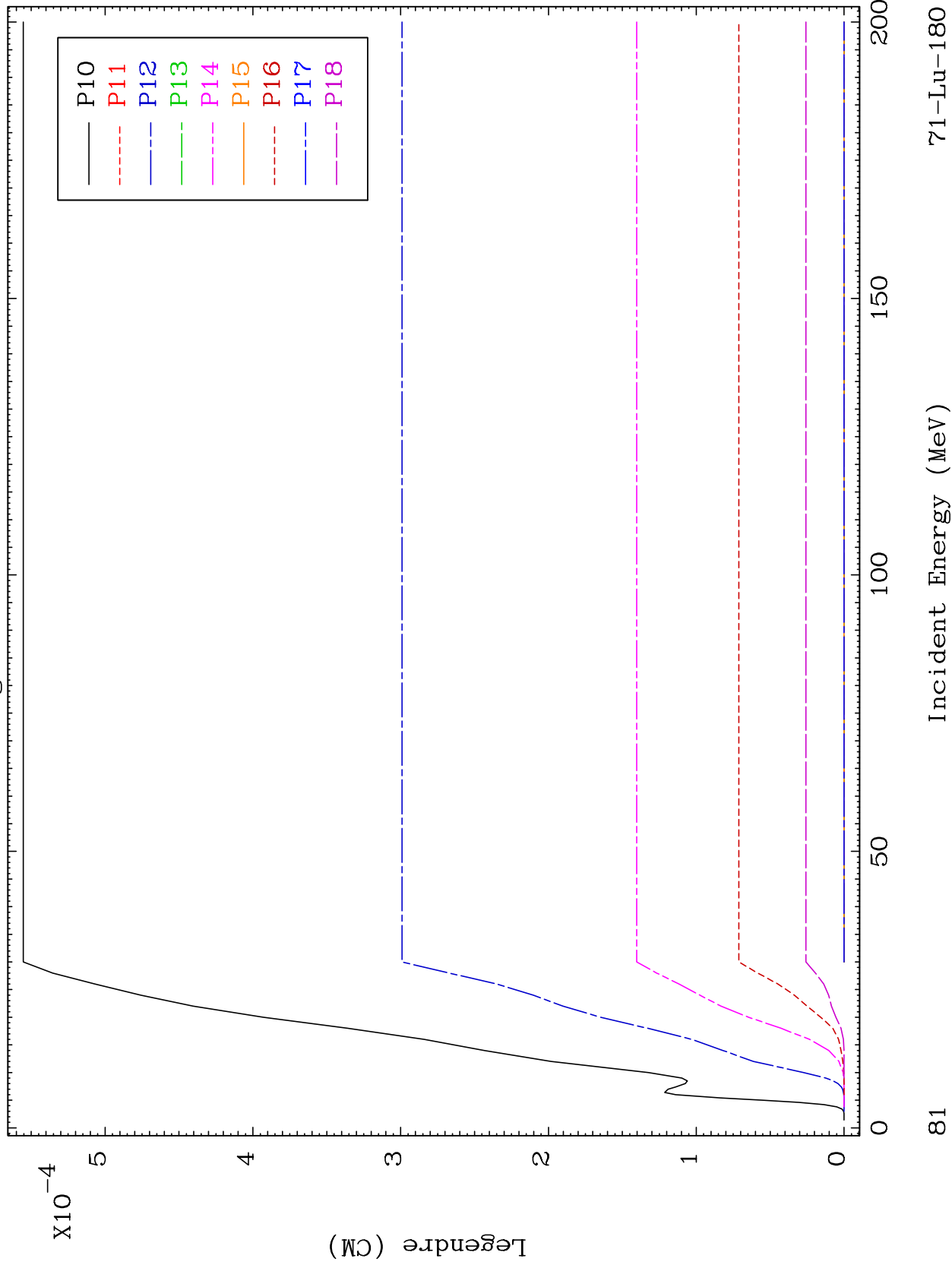




MAT 7140

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

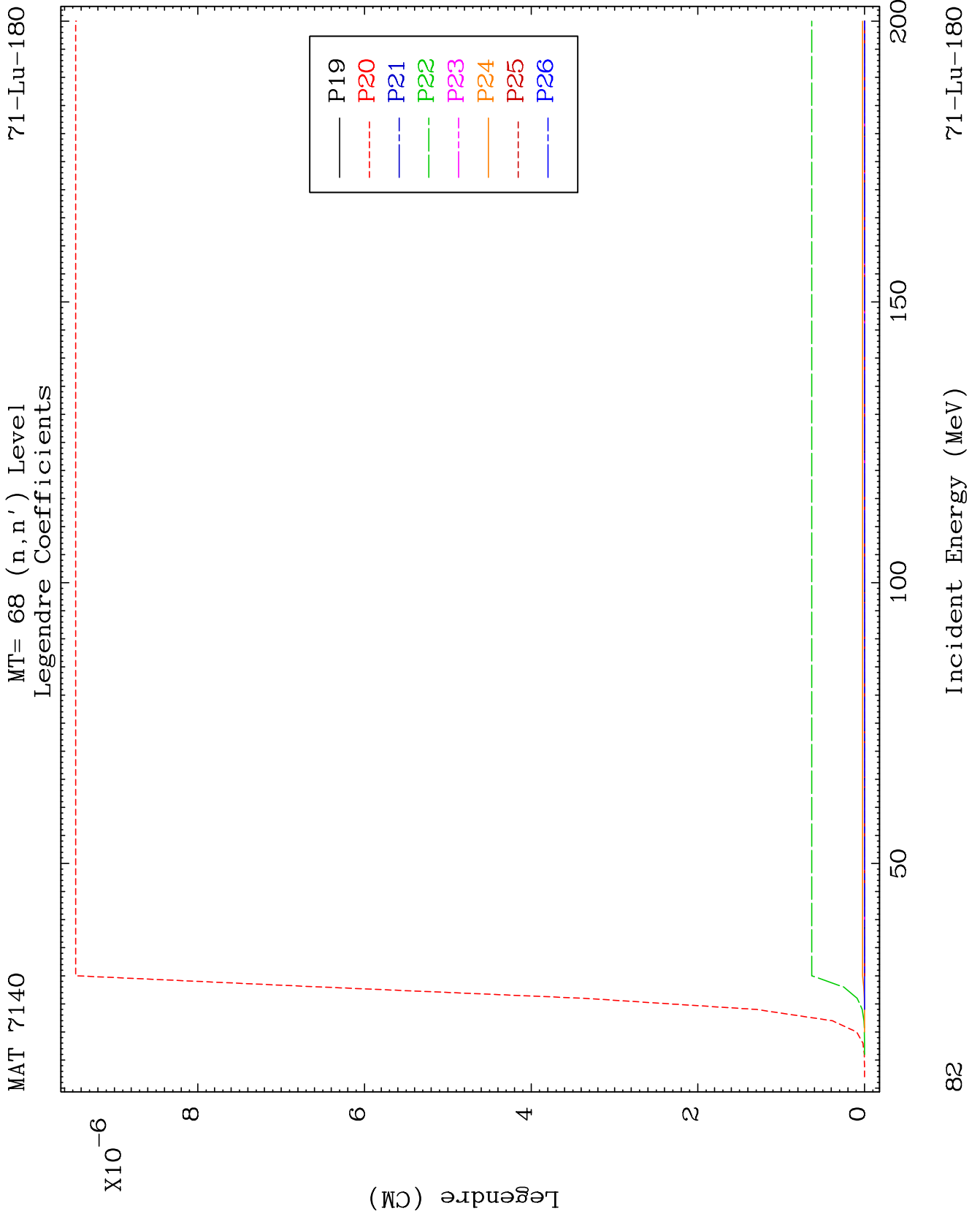
71-Lu-180

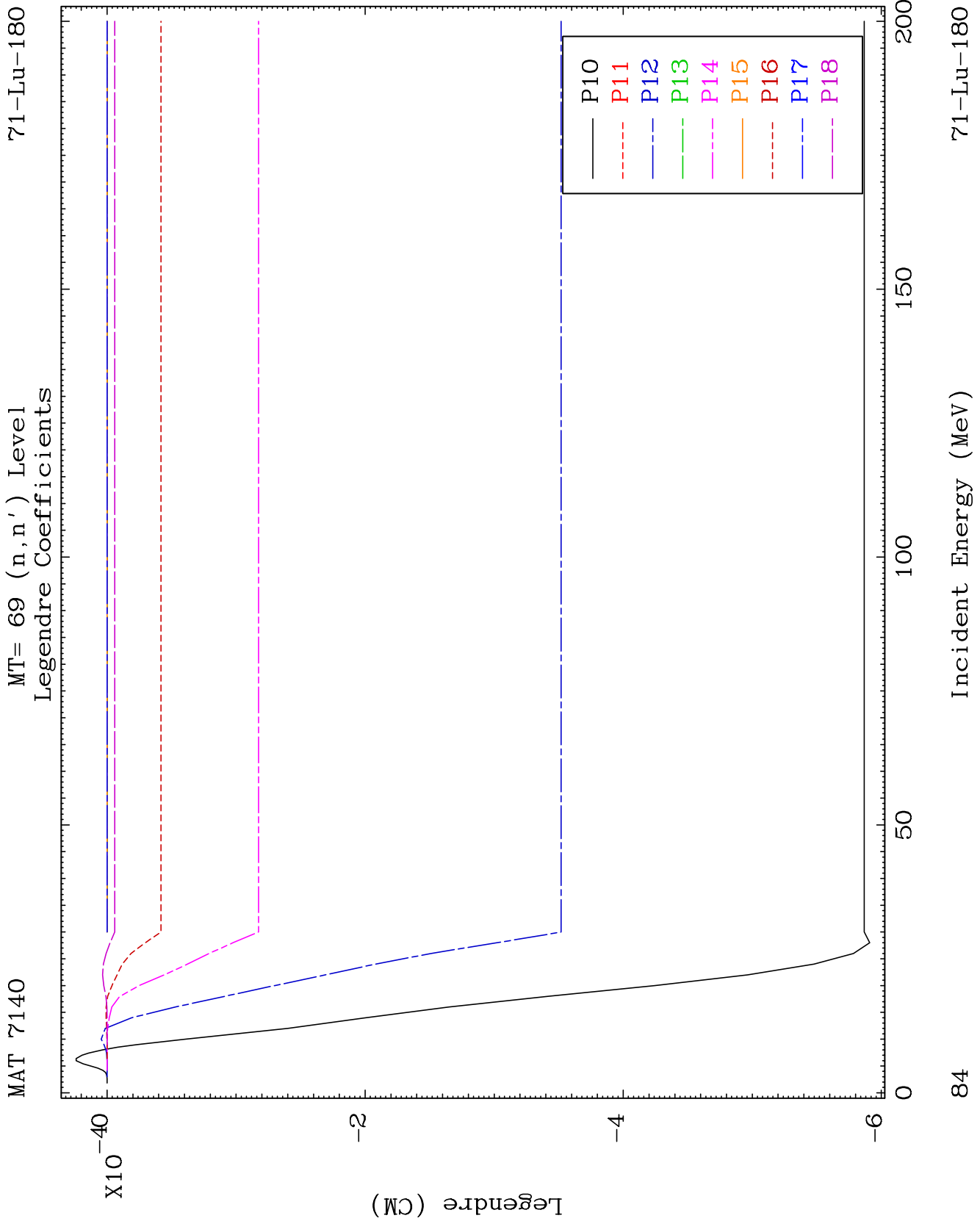


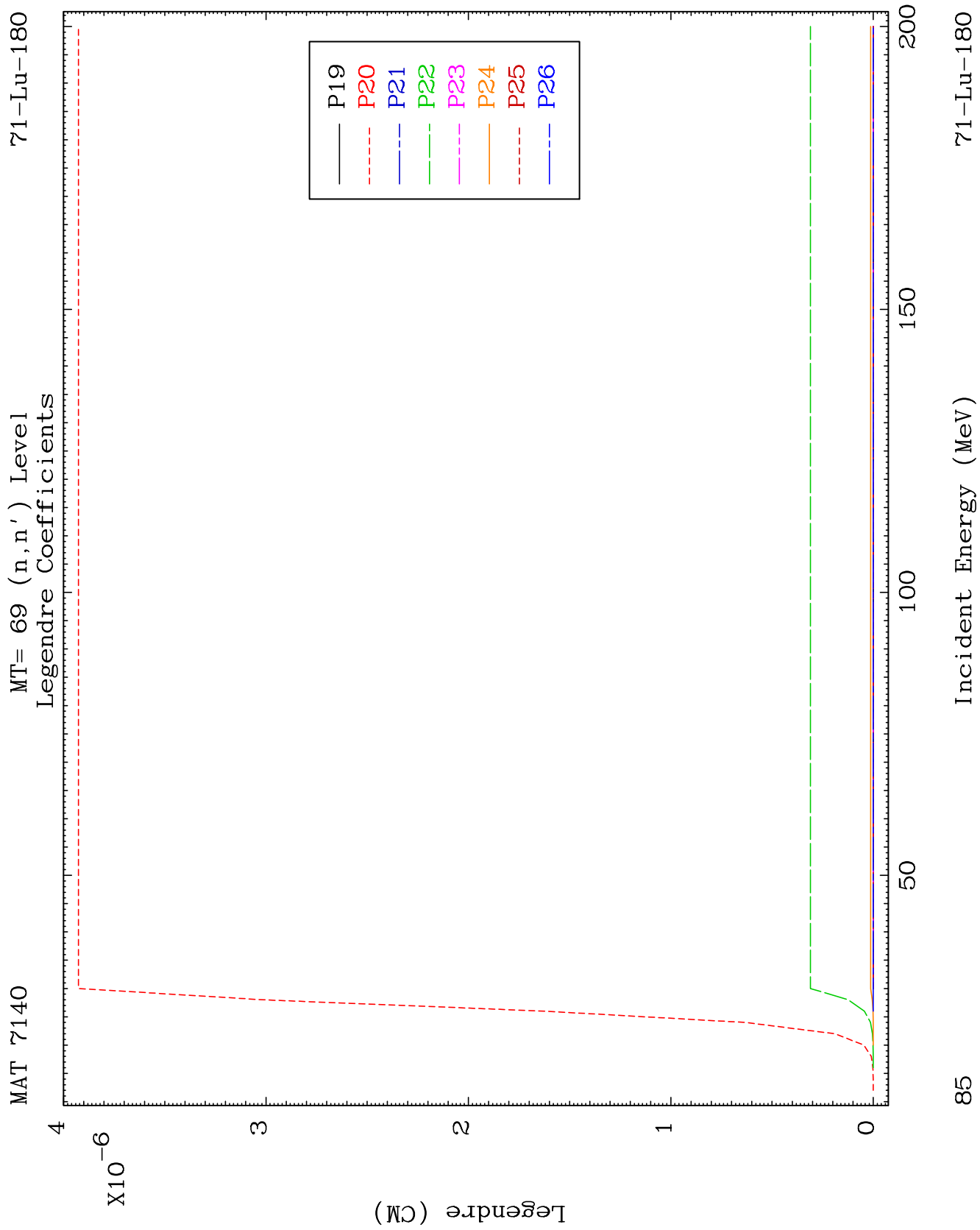
81

Incident Energy (MeV)

71-Lu-180



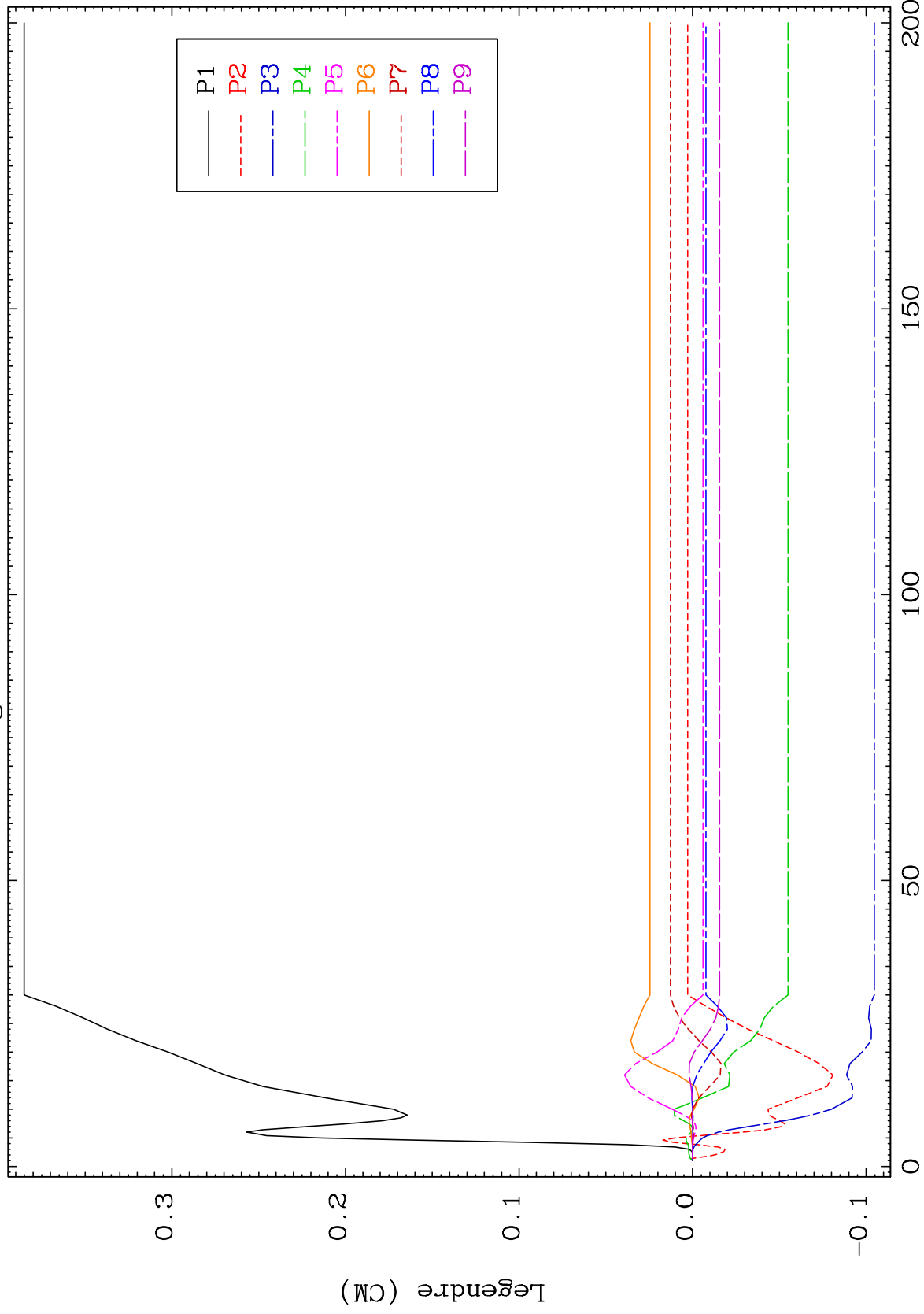




MAT 7140

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

71-Lu-180



86

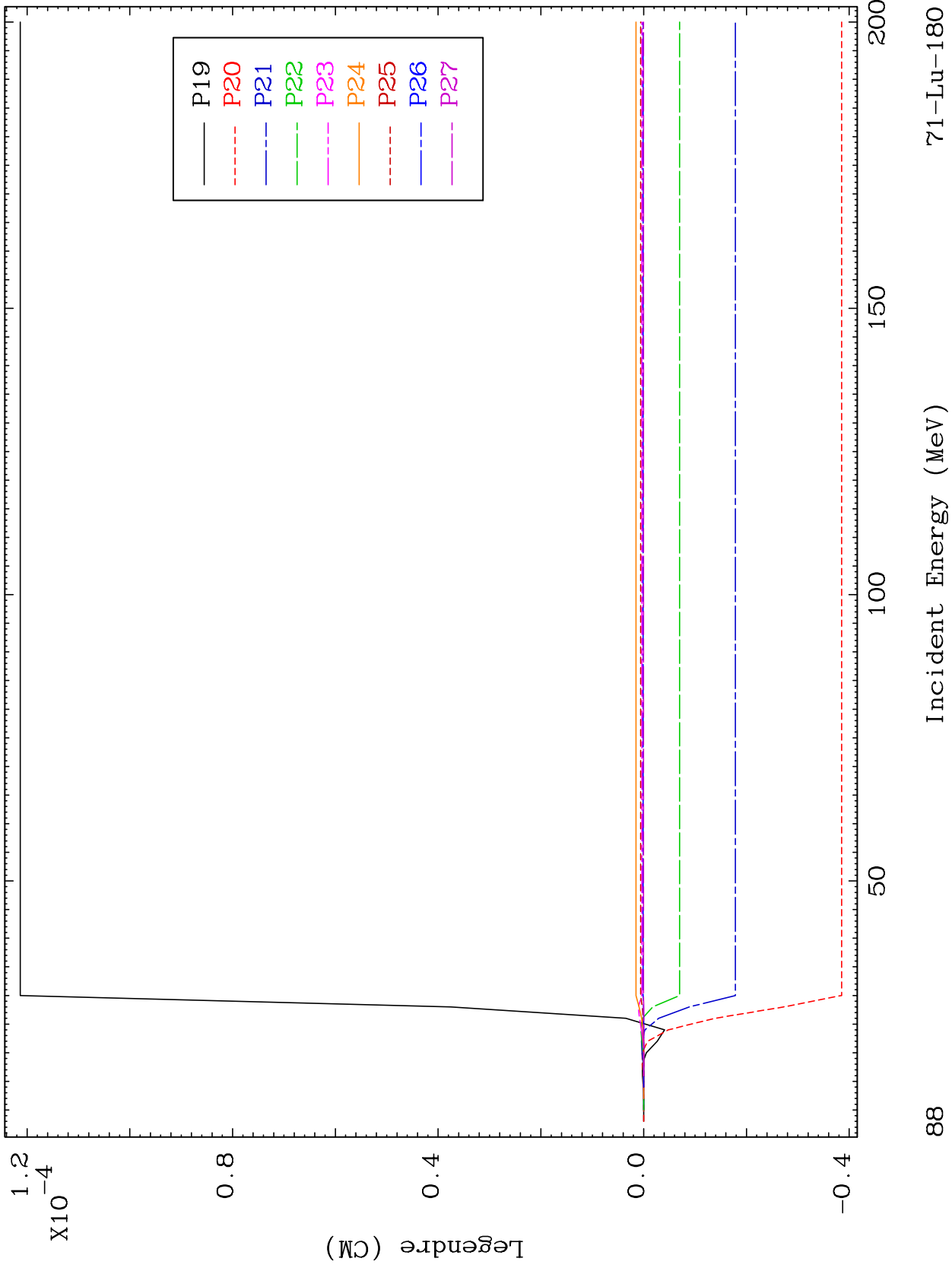
Incident Energy (MeV)

71-Lu-180

MAT 7140

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

71-Lu-180



88

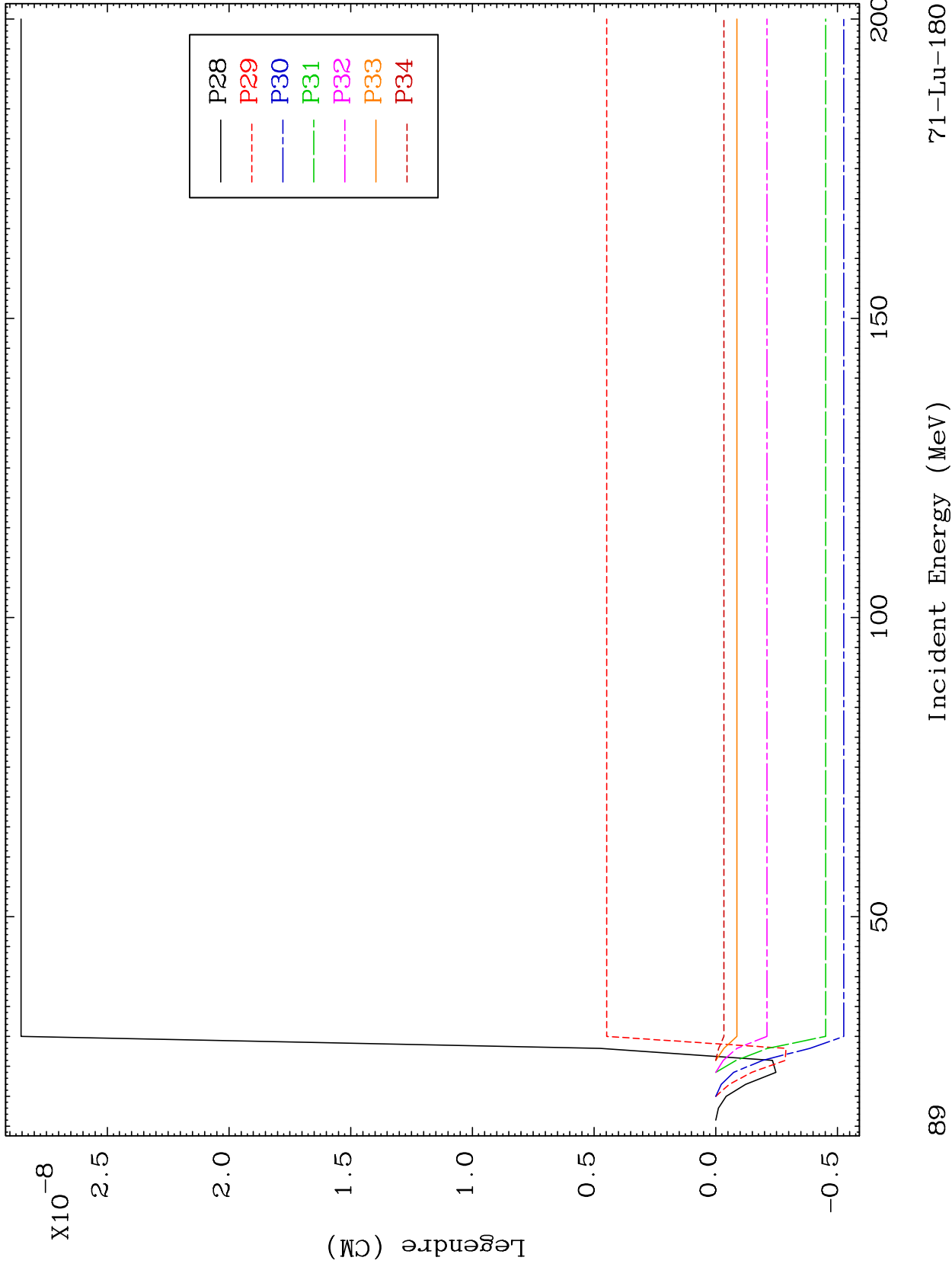
Incident Energy (MeV)

71-Lu-180

MAT 7140

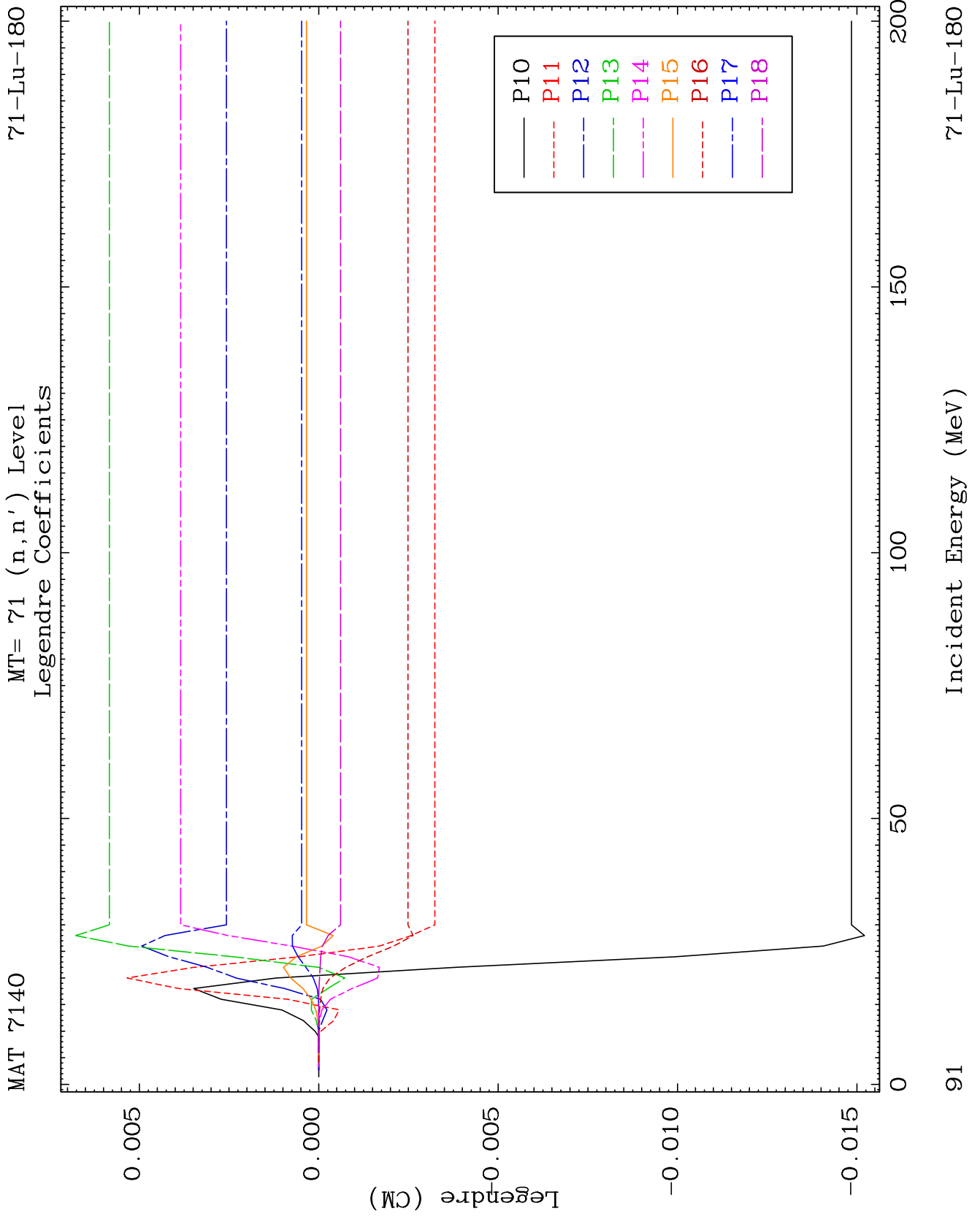
MT= 70 (n,n') Level
Legendre Coefficients

71-Lu-180



89

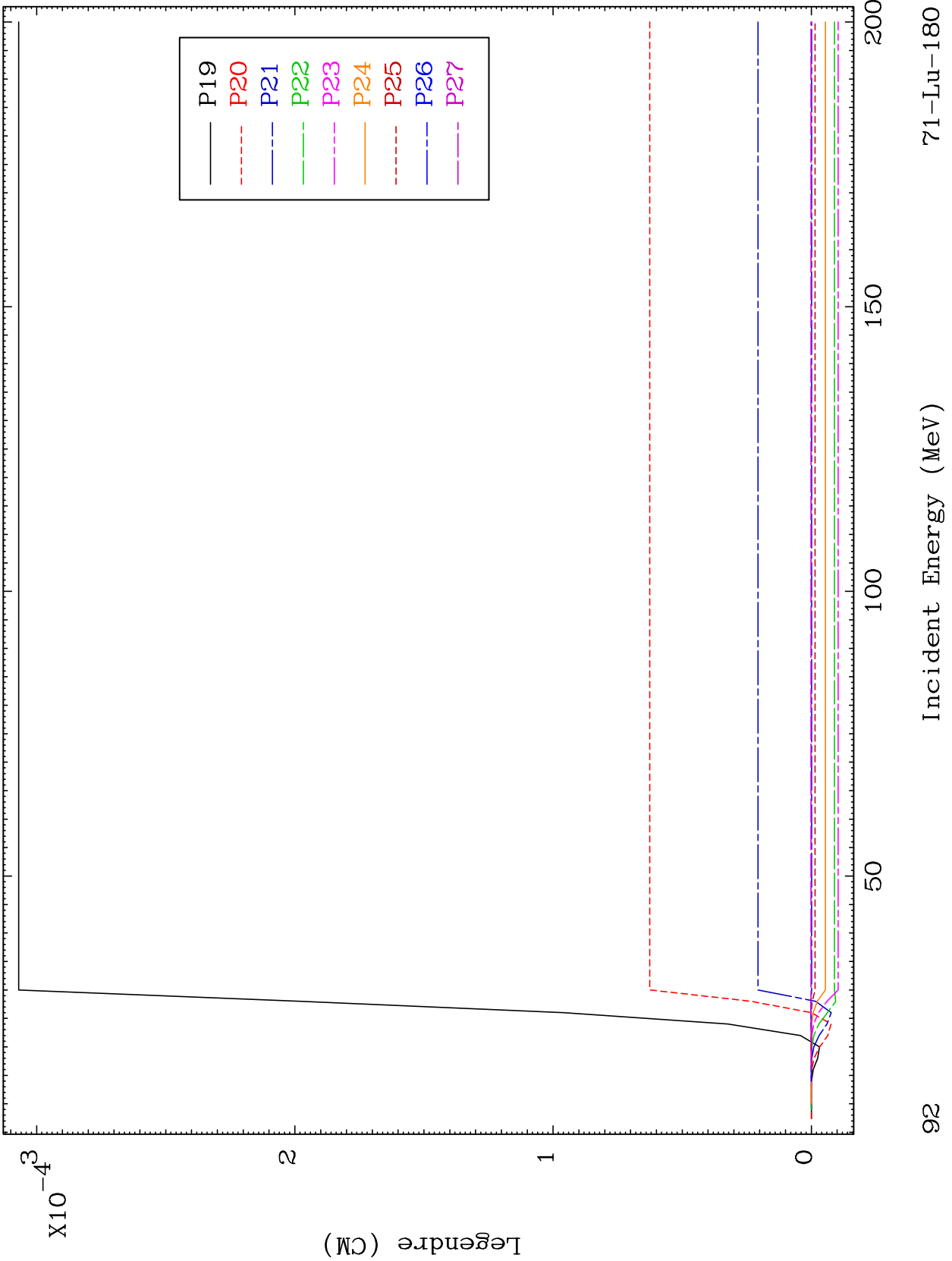
71-Lu-180



MAT 7140

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

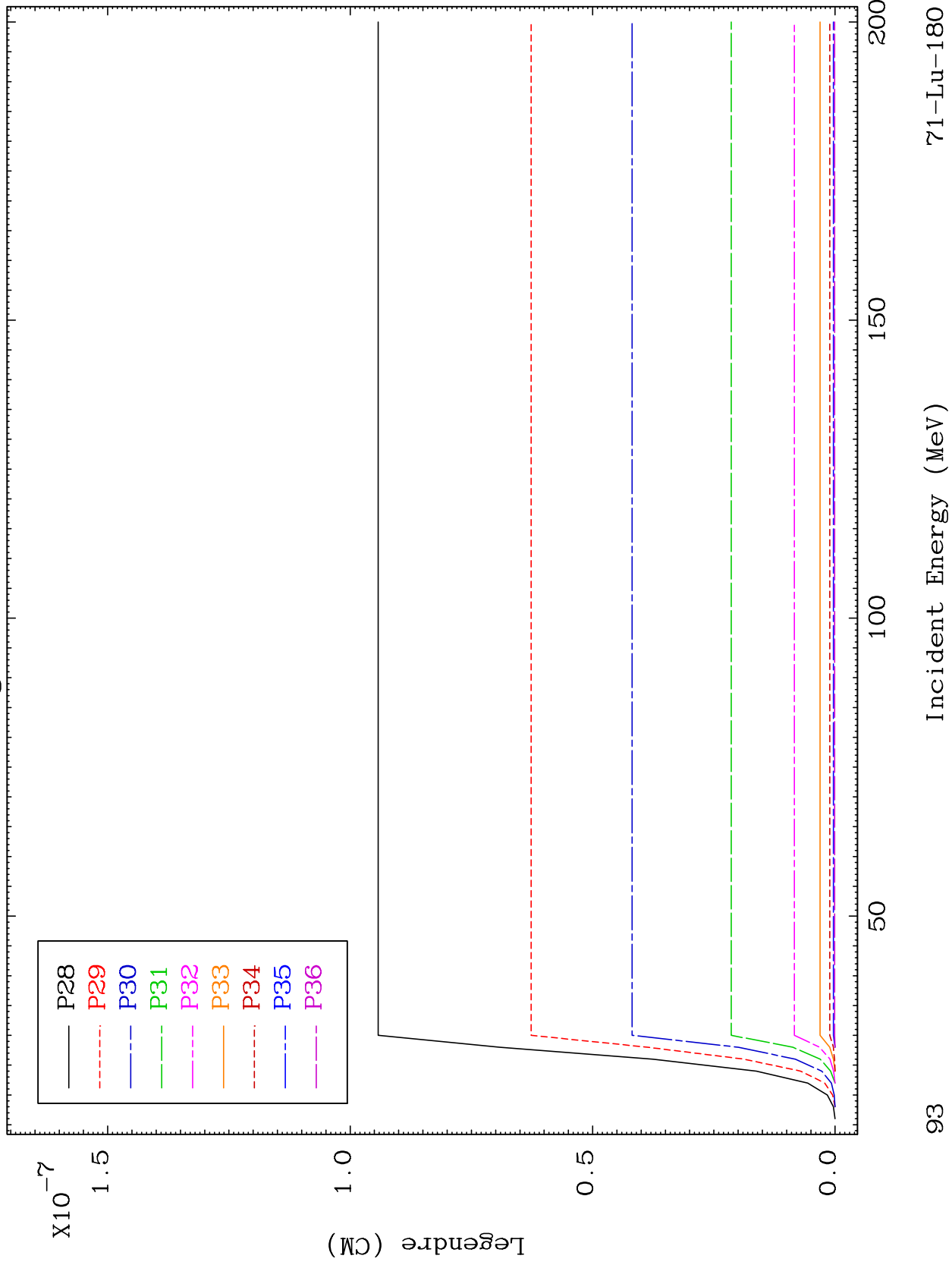
71-Lu-180

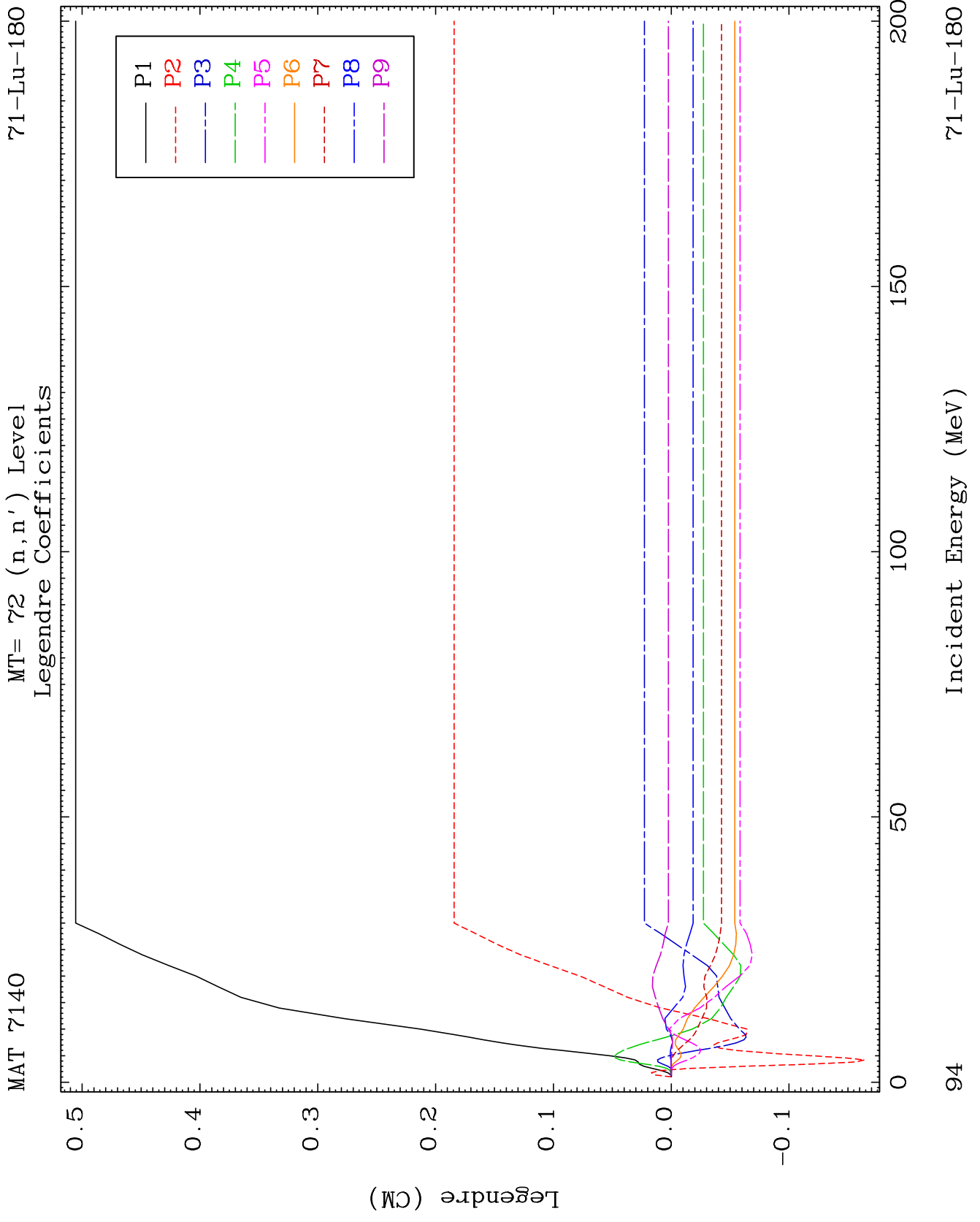


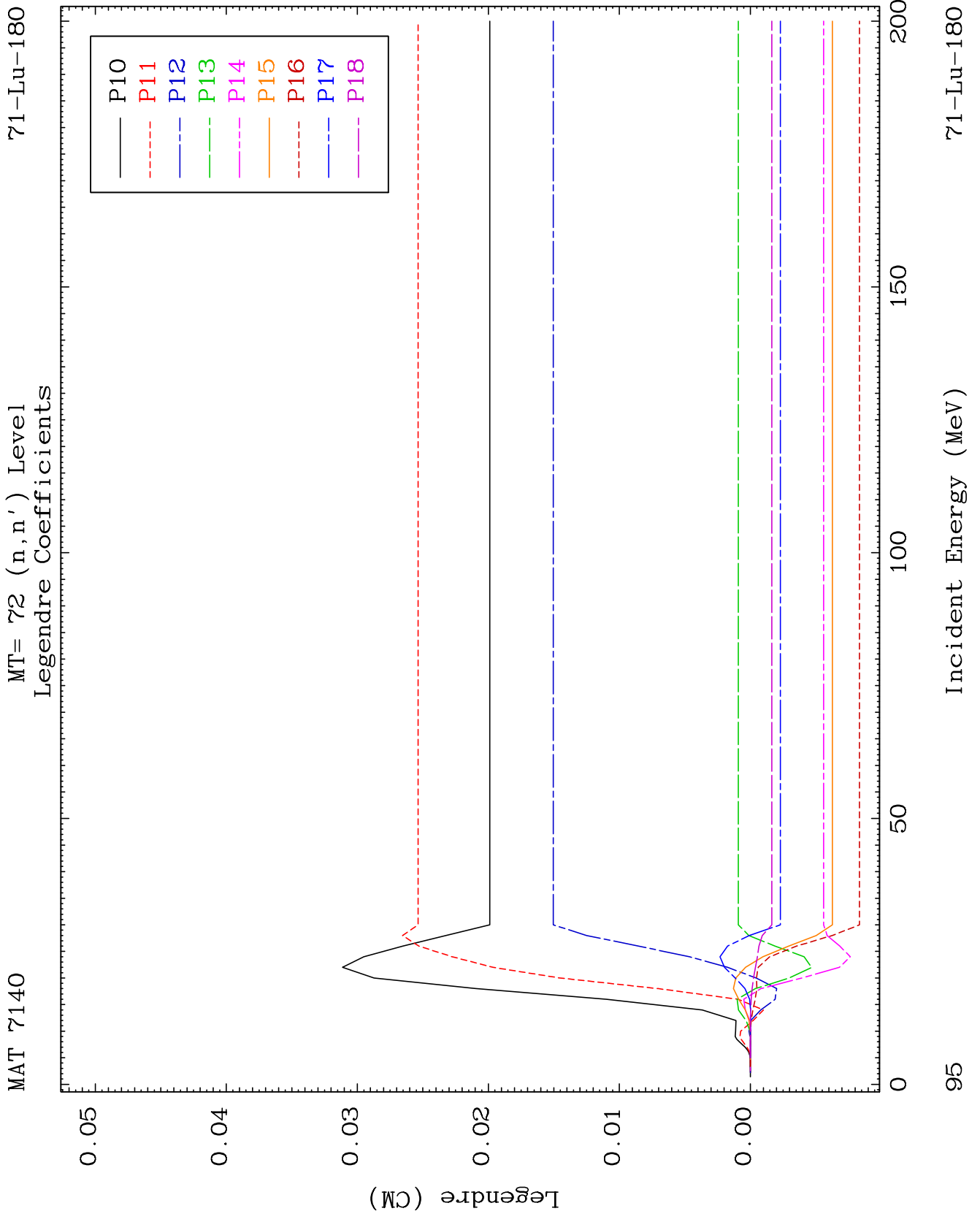
MAT 7140

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

71-Lu-180



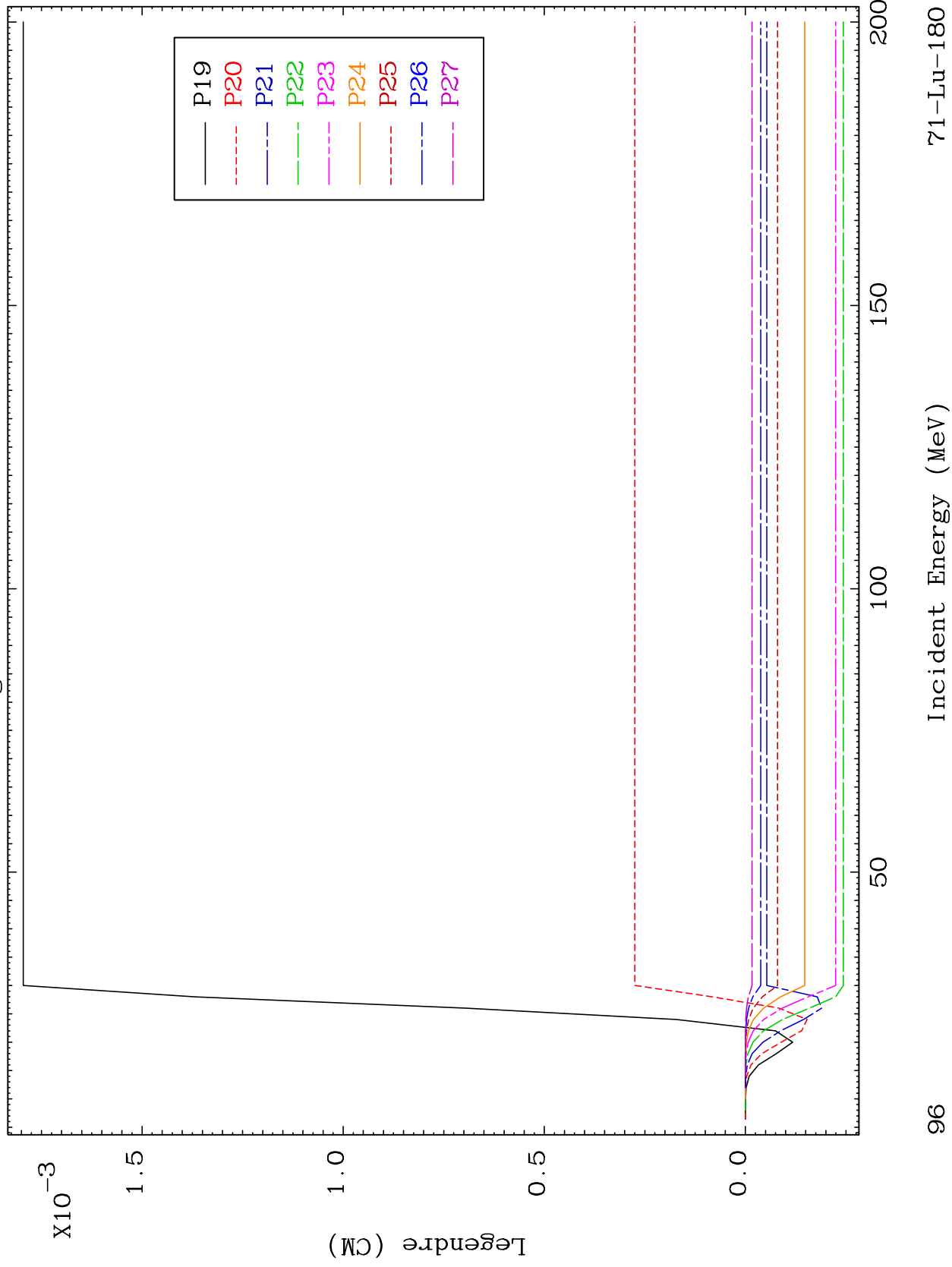




MAT 7140

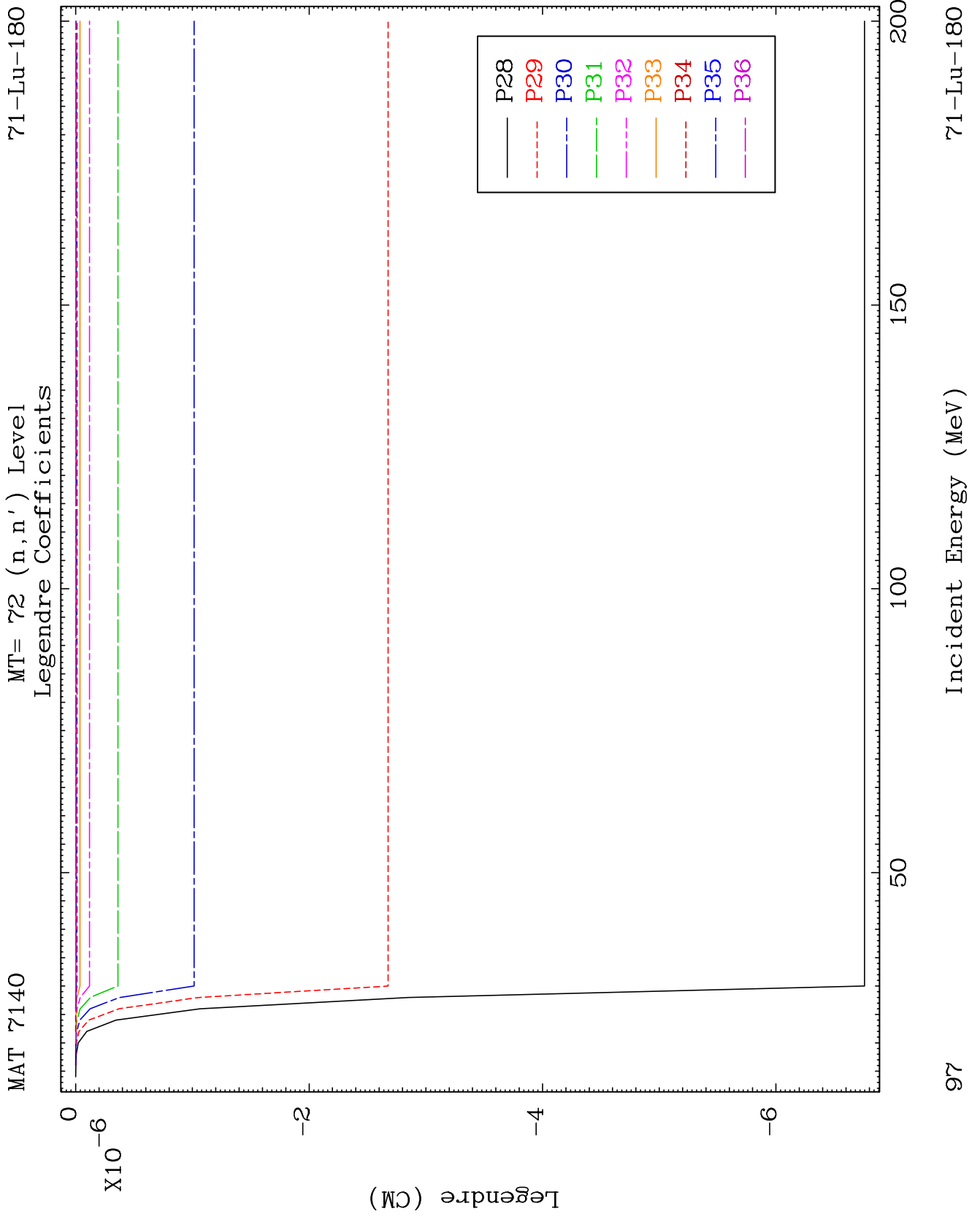
MT= 72 (n,n') Level
Legendre Coefficients

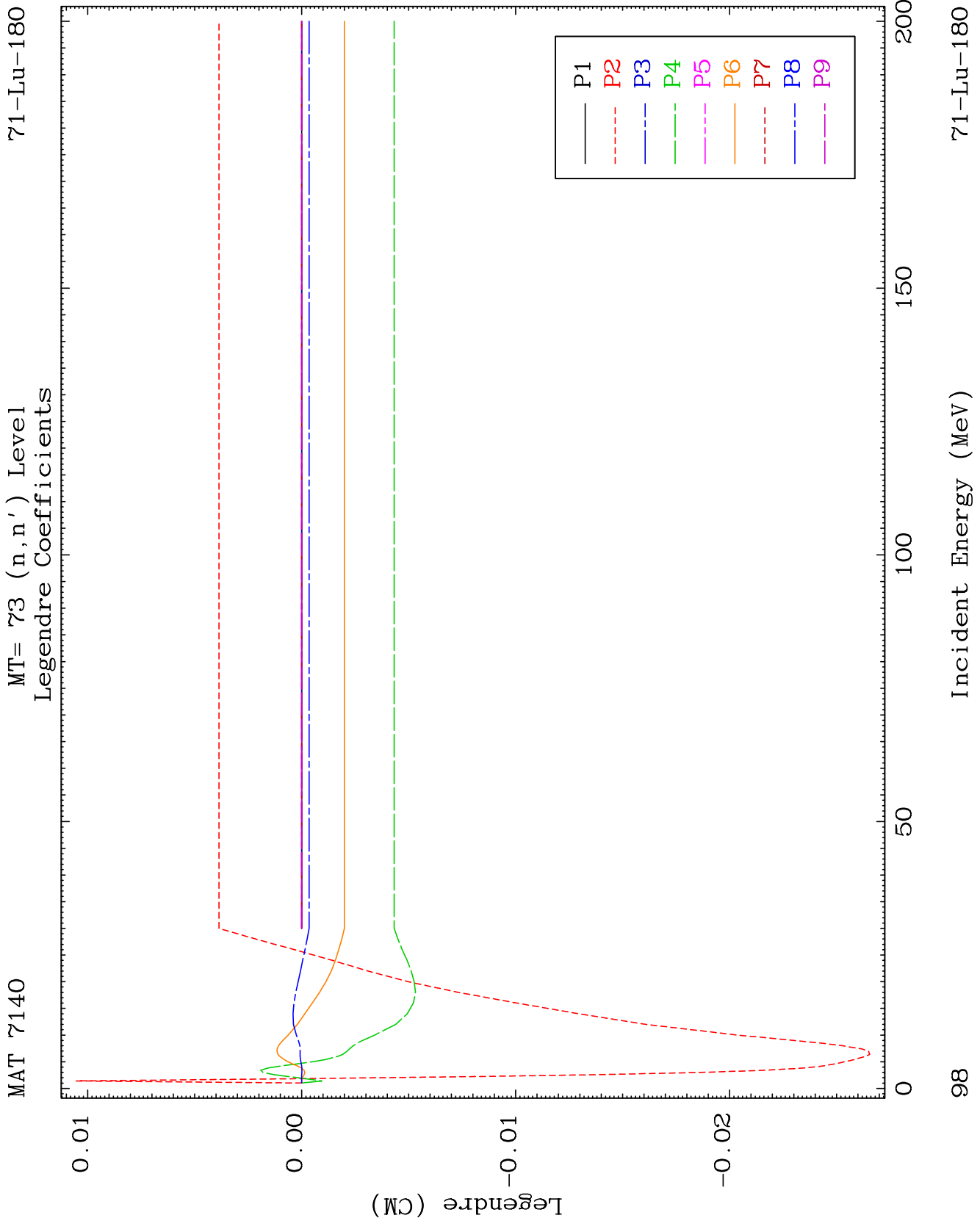
71-Lu-180

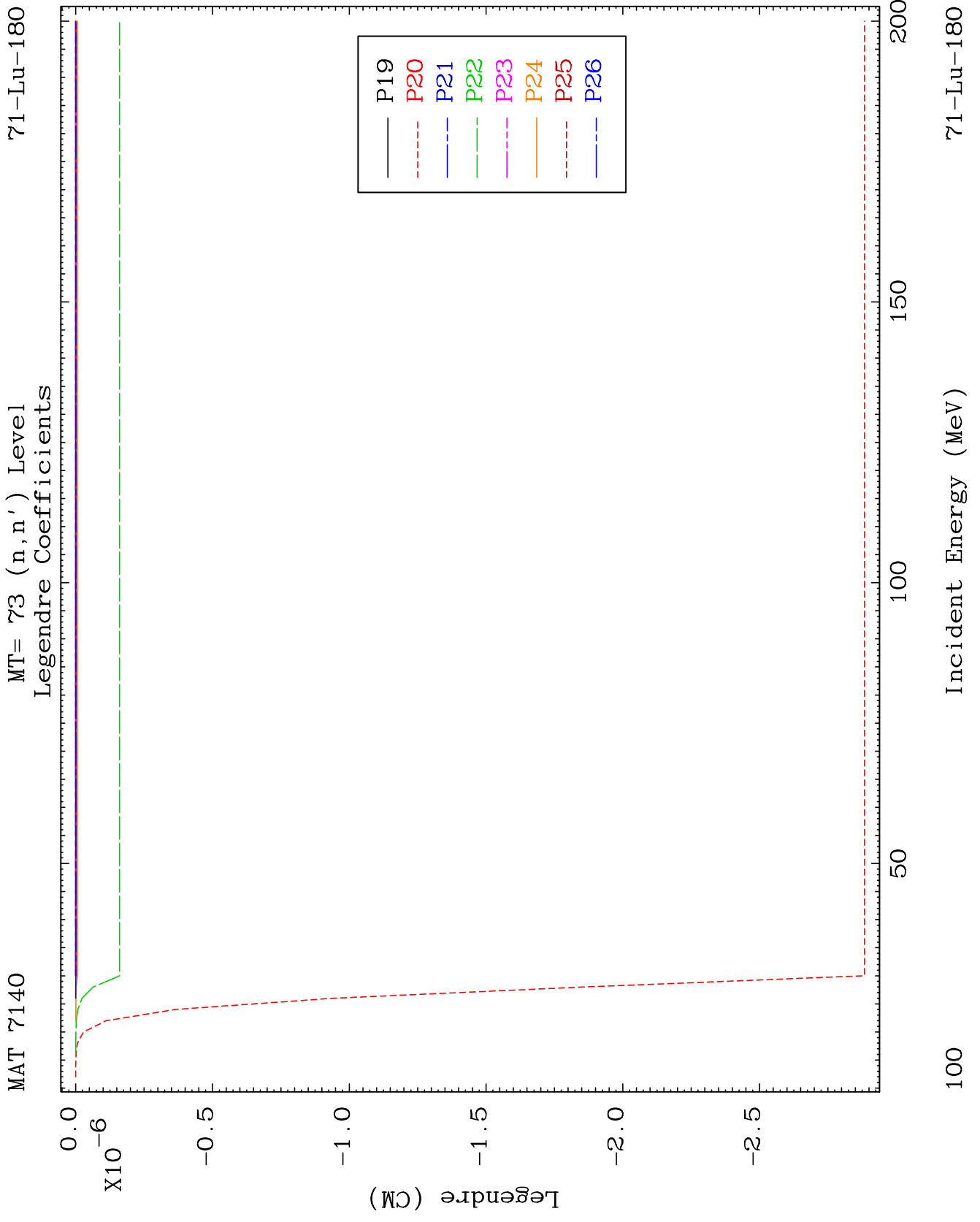


96

71-Lu-180



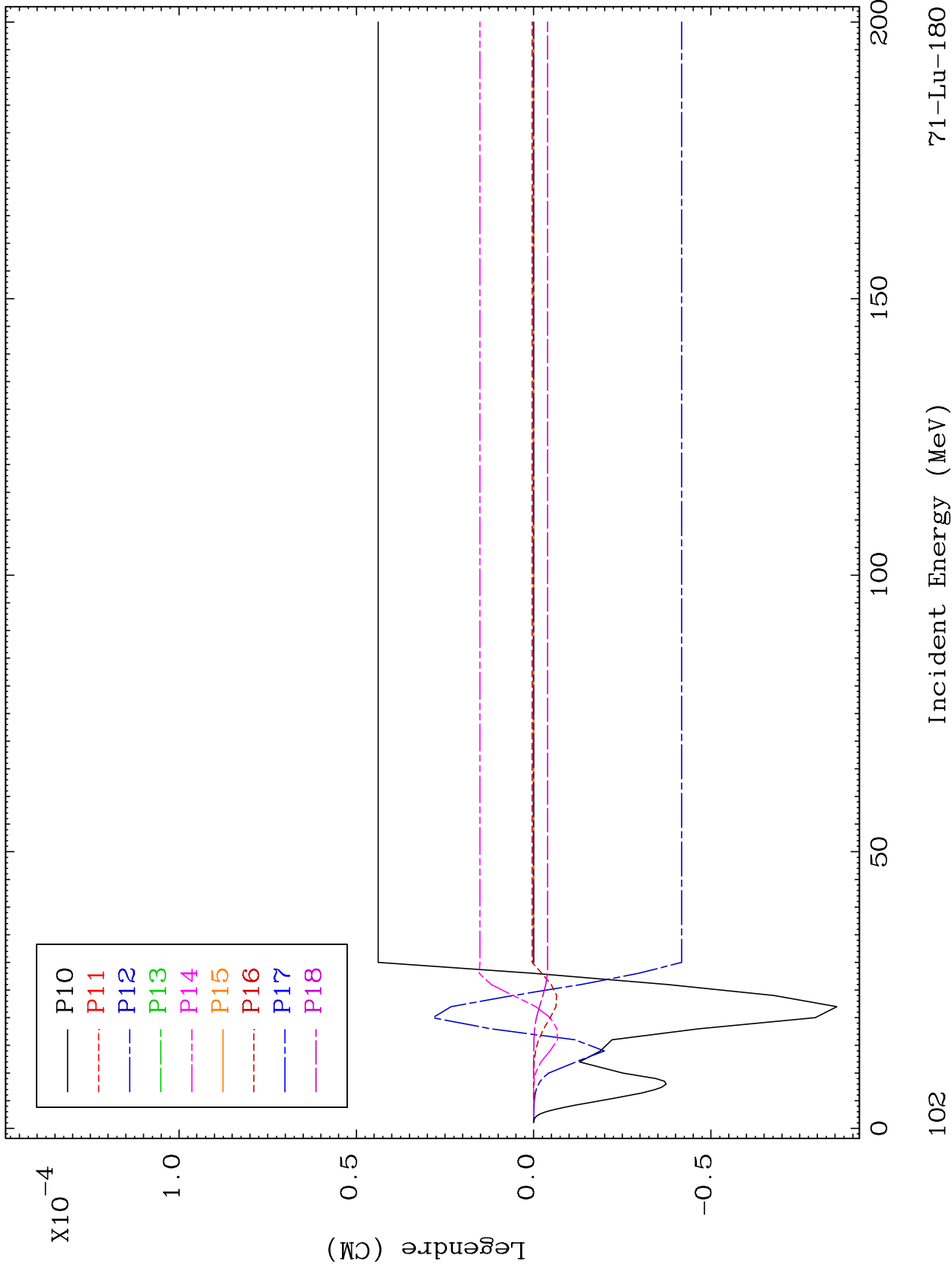




MAT 7140

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

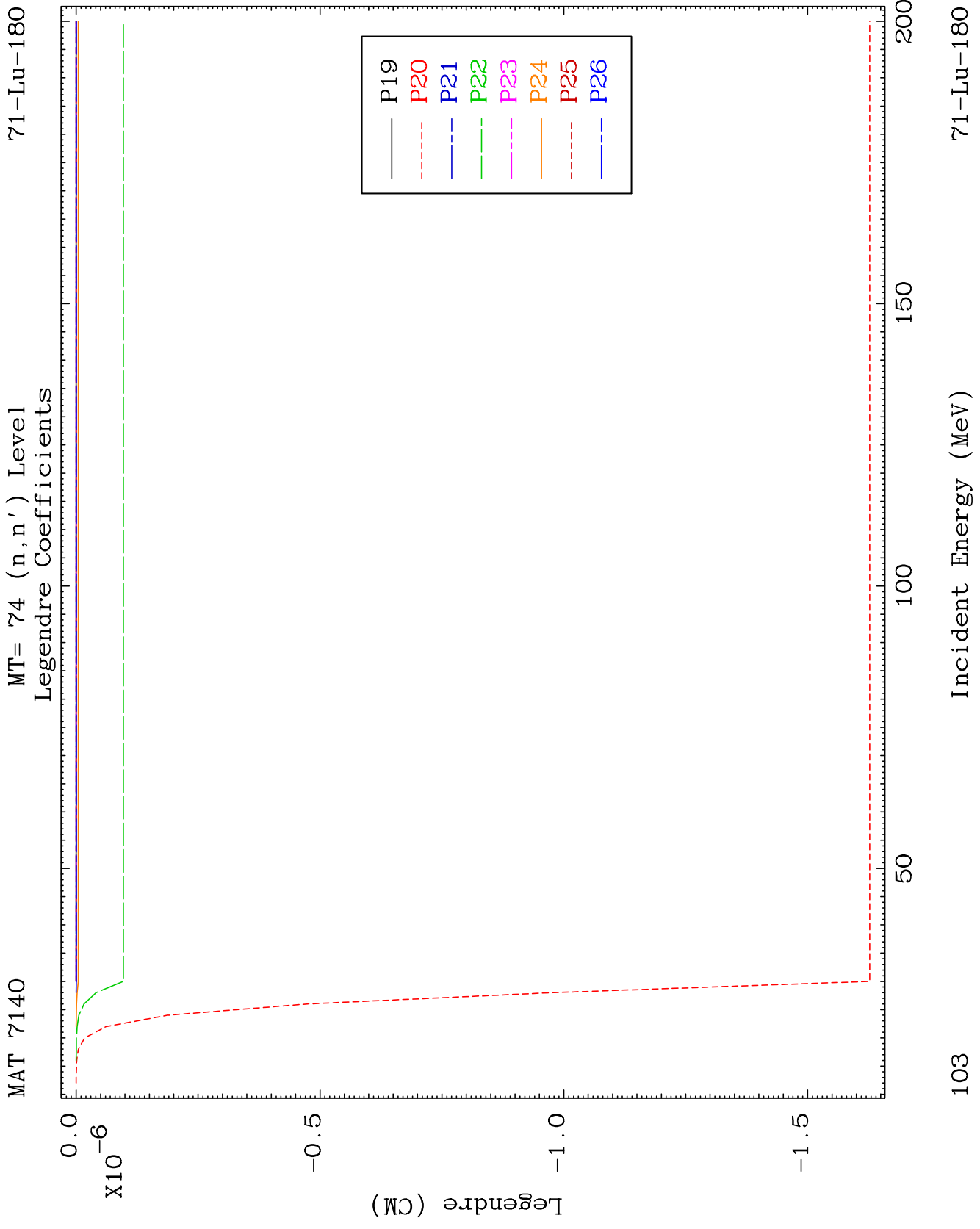
71-Lu-180



102

Incident Energy (MeV)

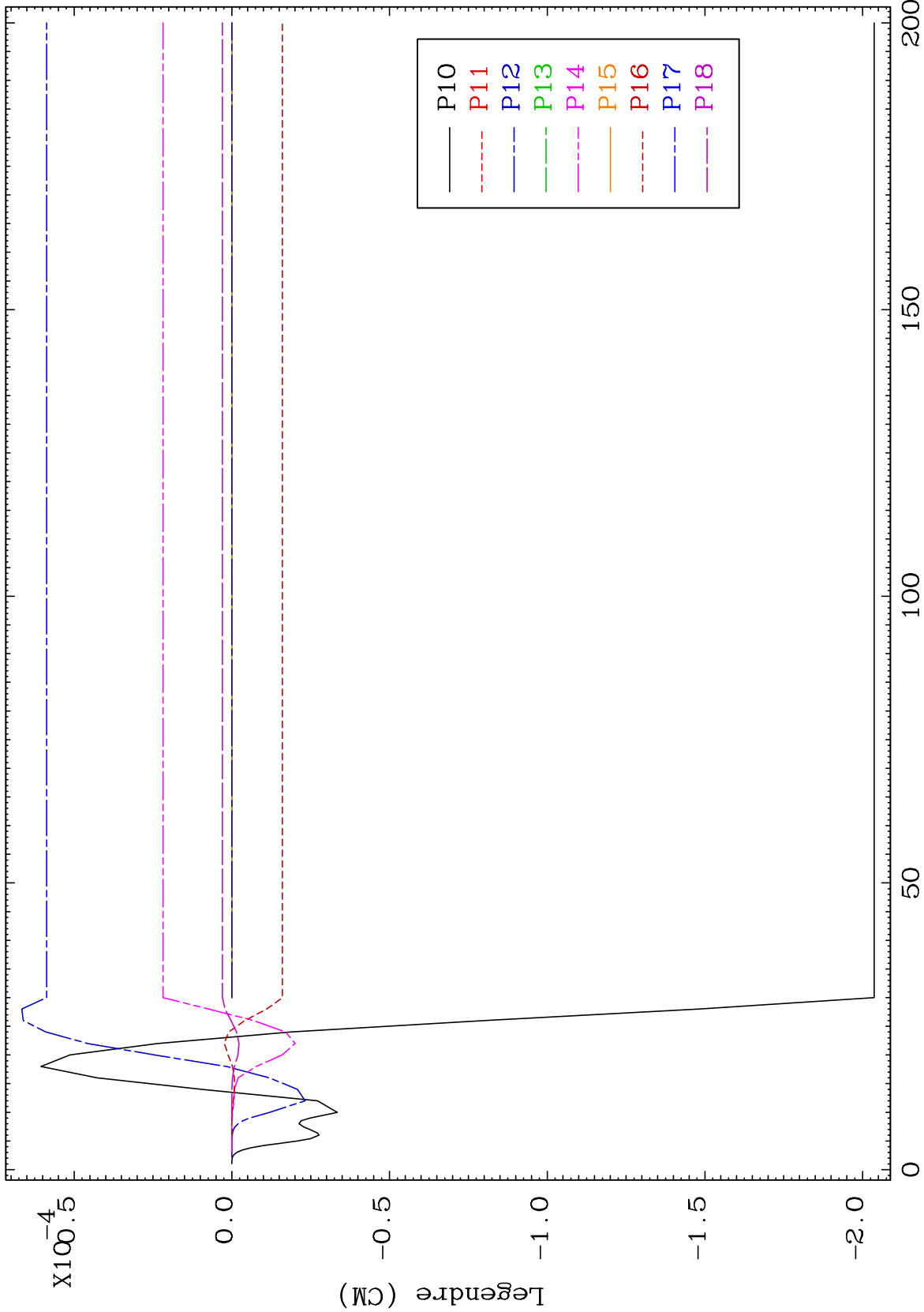
71-Lu-180



MAT 7140

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

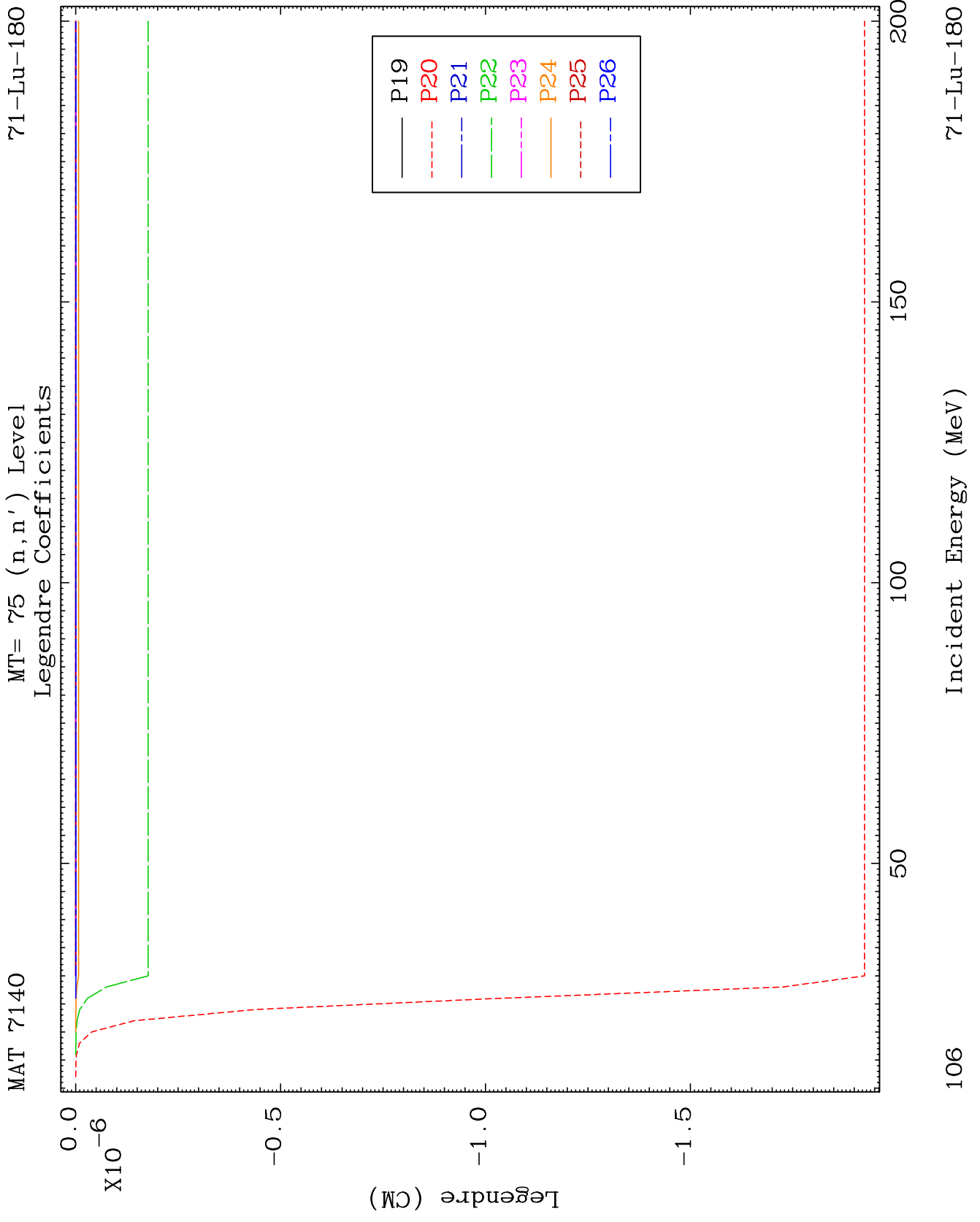
71-Lu-180

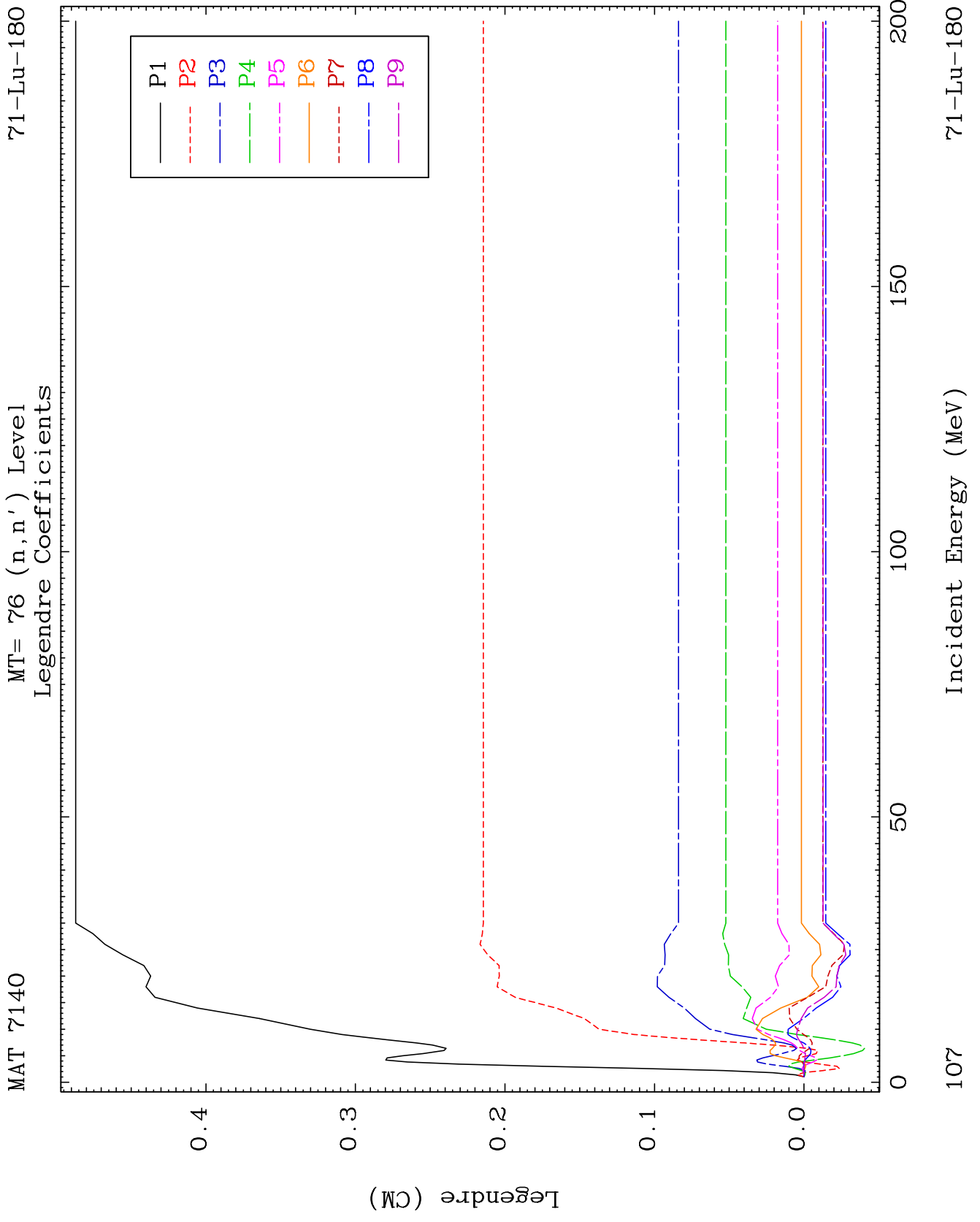


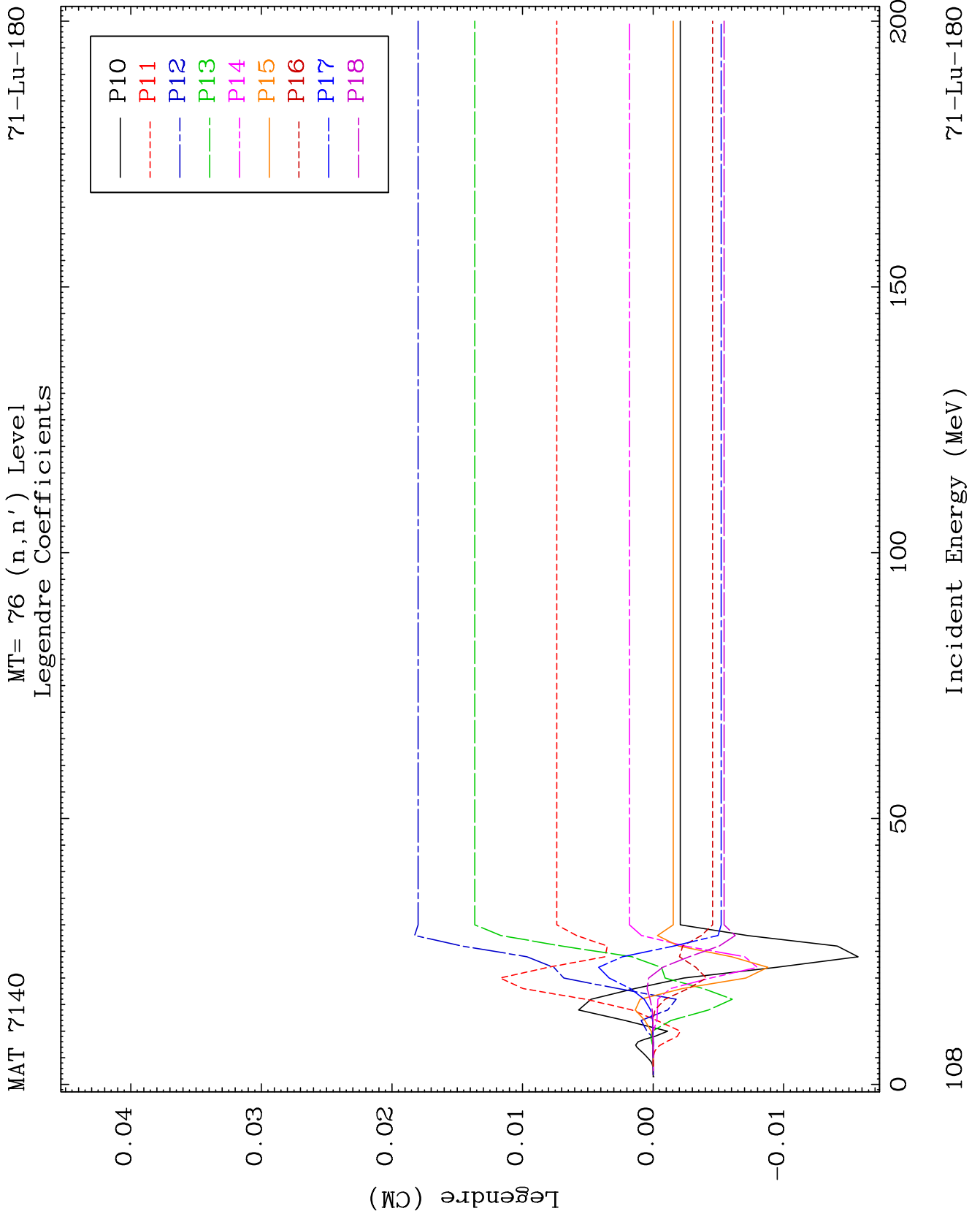
105

Incident Energy (MeV)

71-Lu-180



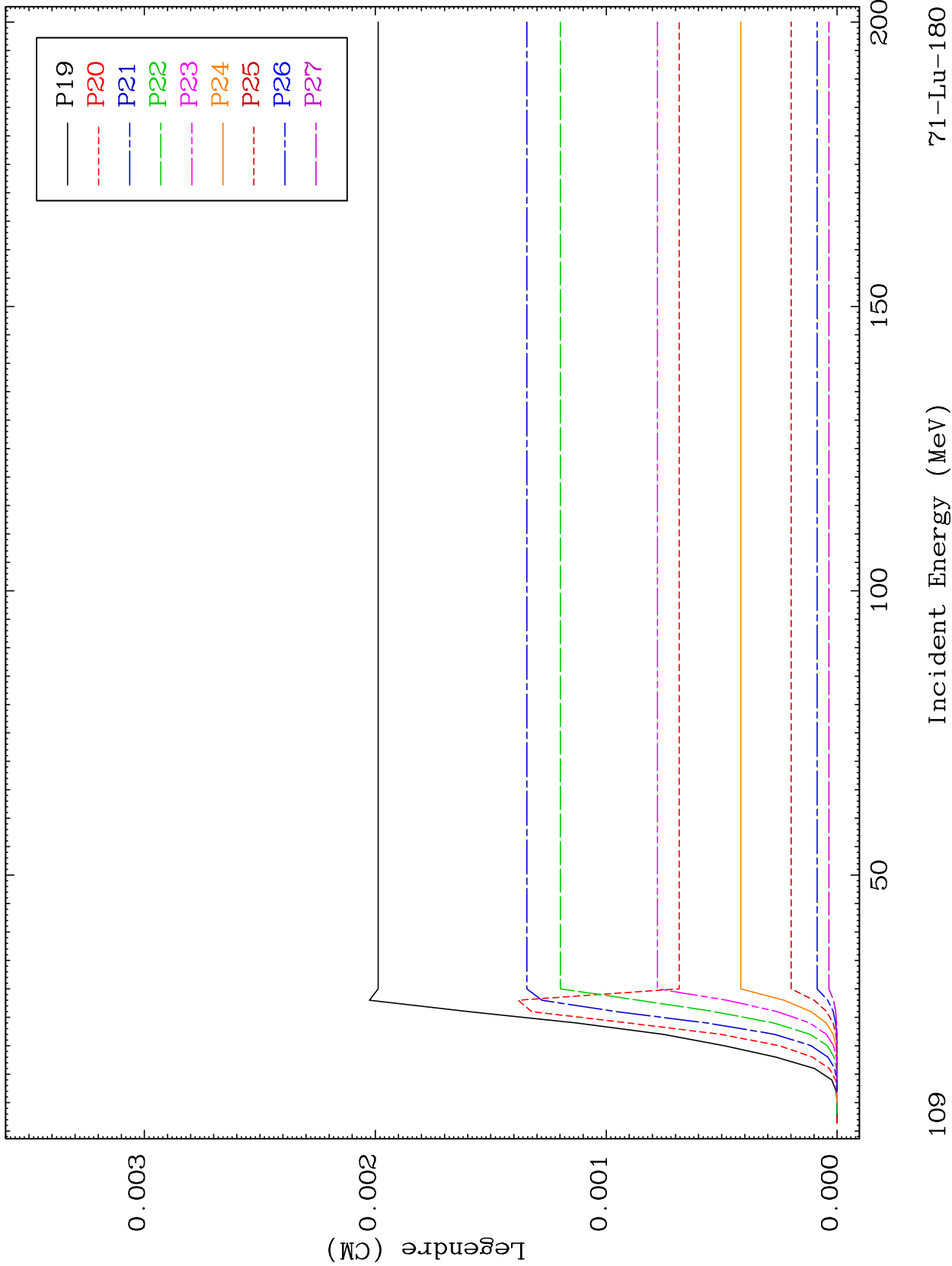




MAT 7140

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

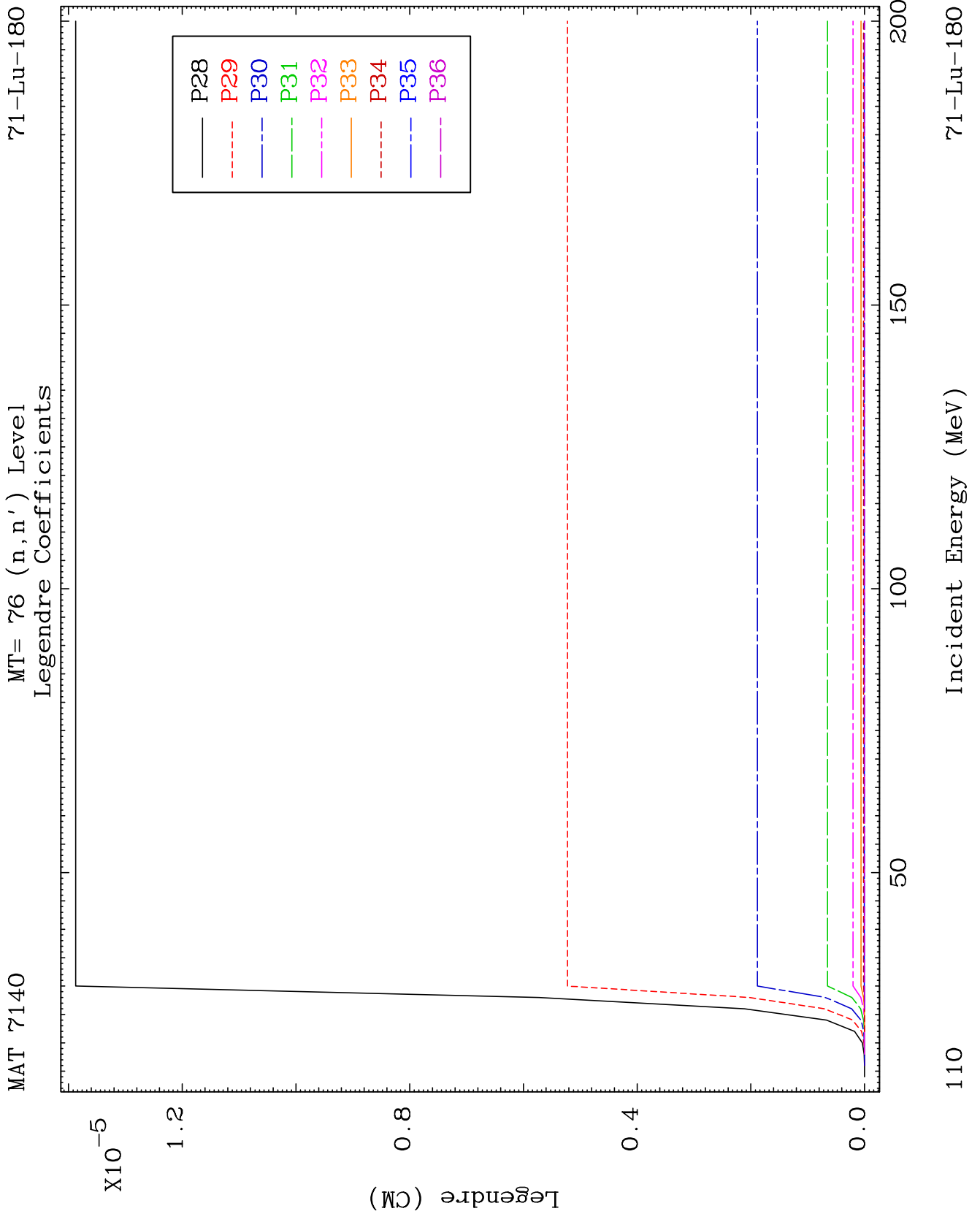
71-Lu-180

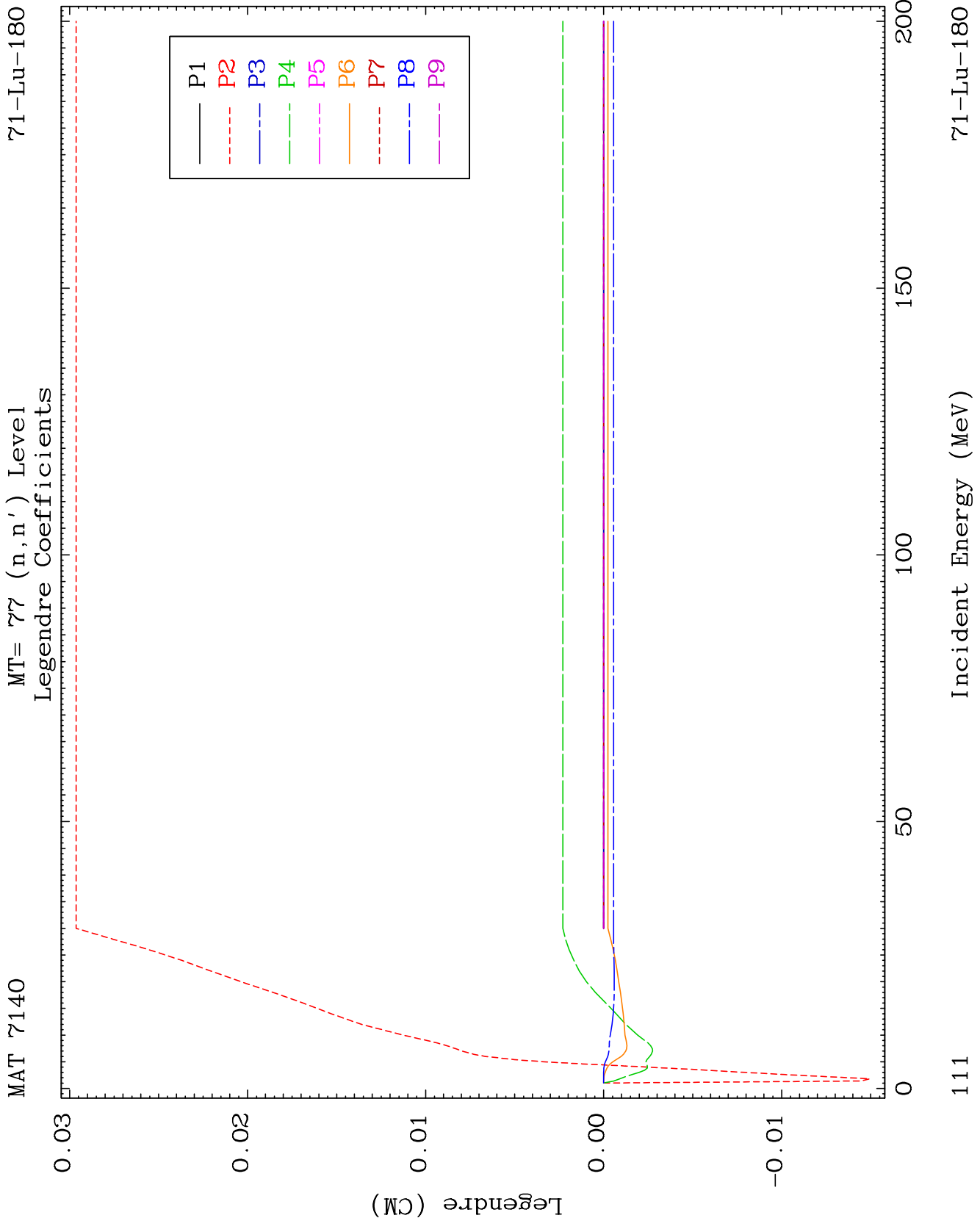


109

Incident Energy (MeV)

71-Lu-180

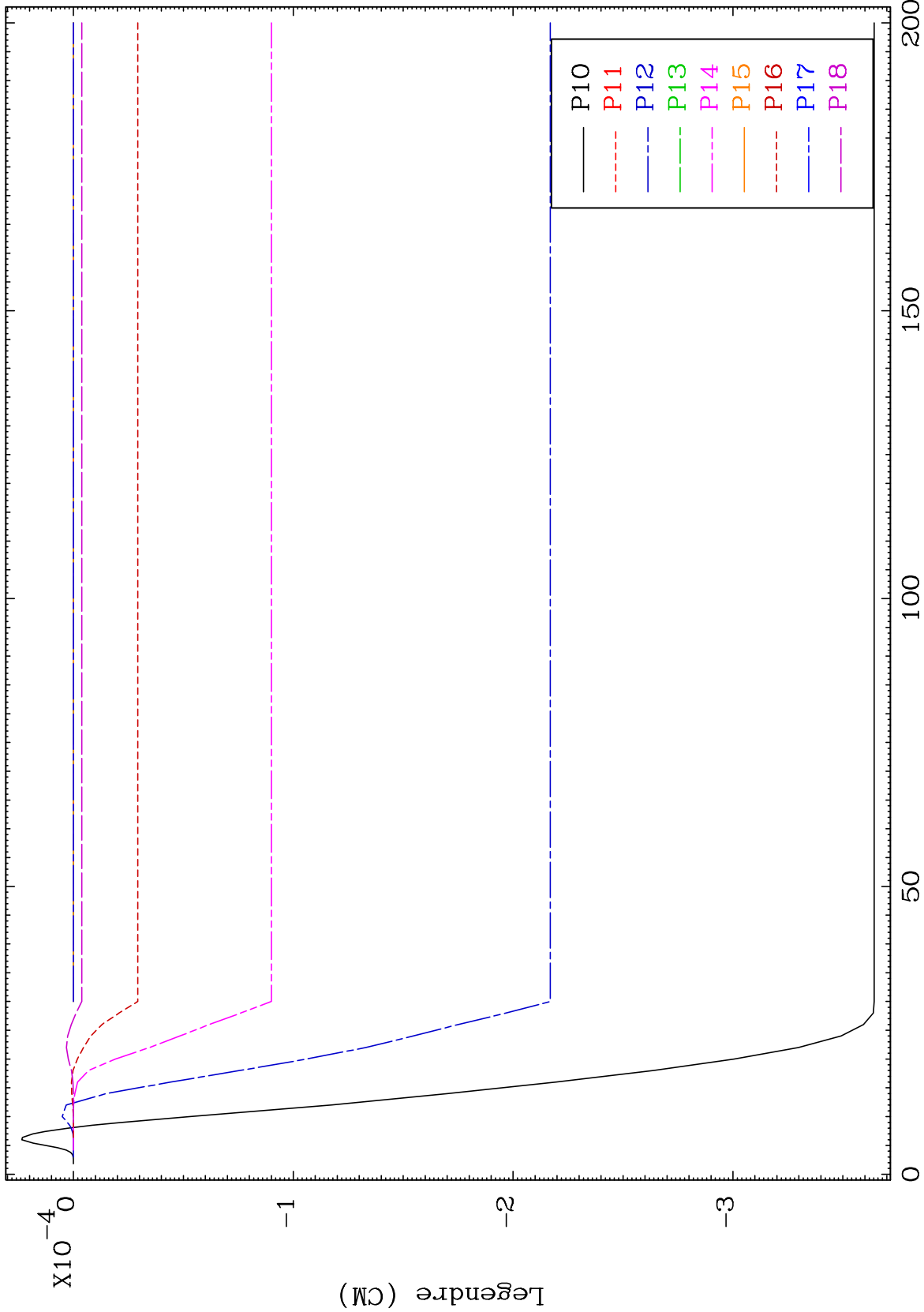




MAT 7140

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

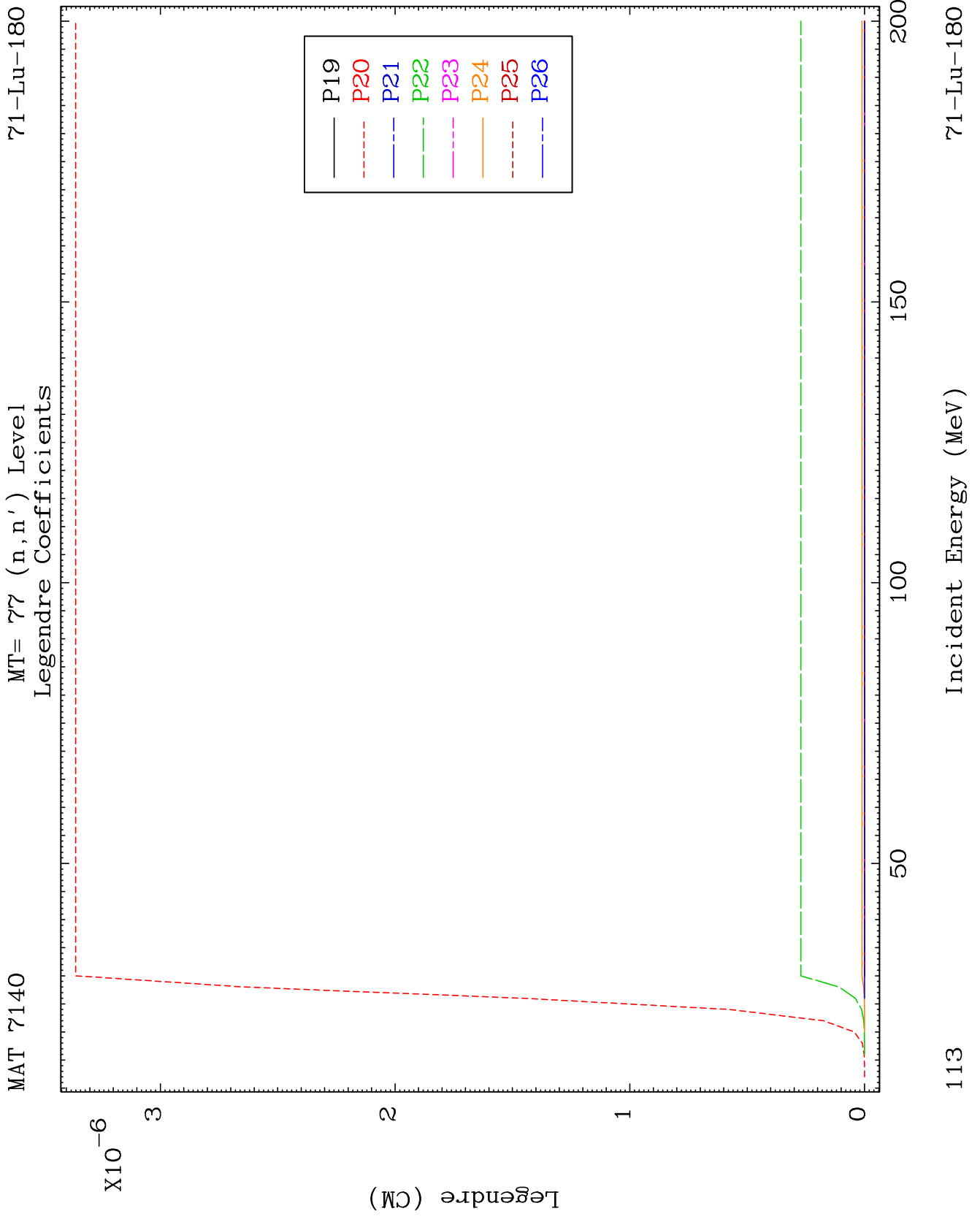
71-Lu-180

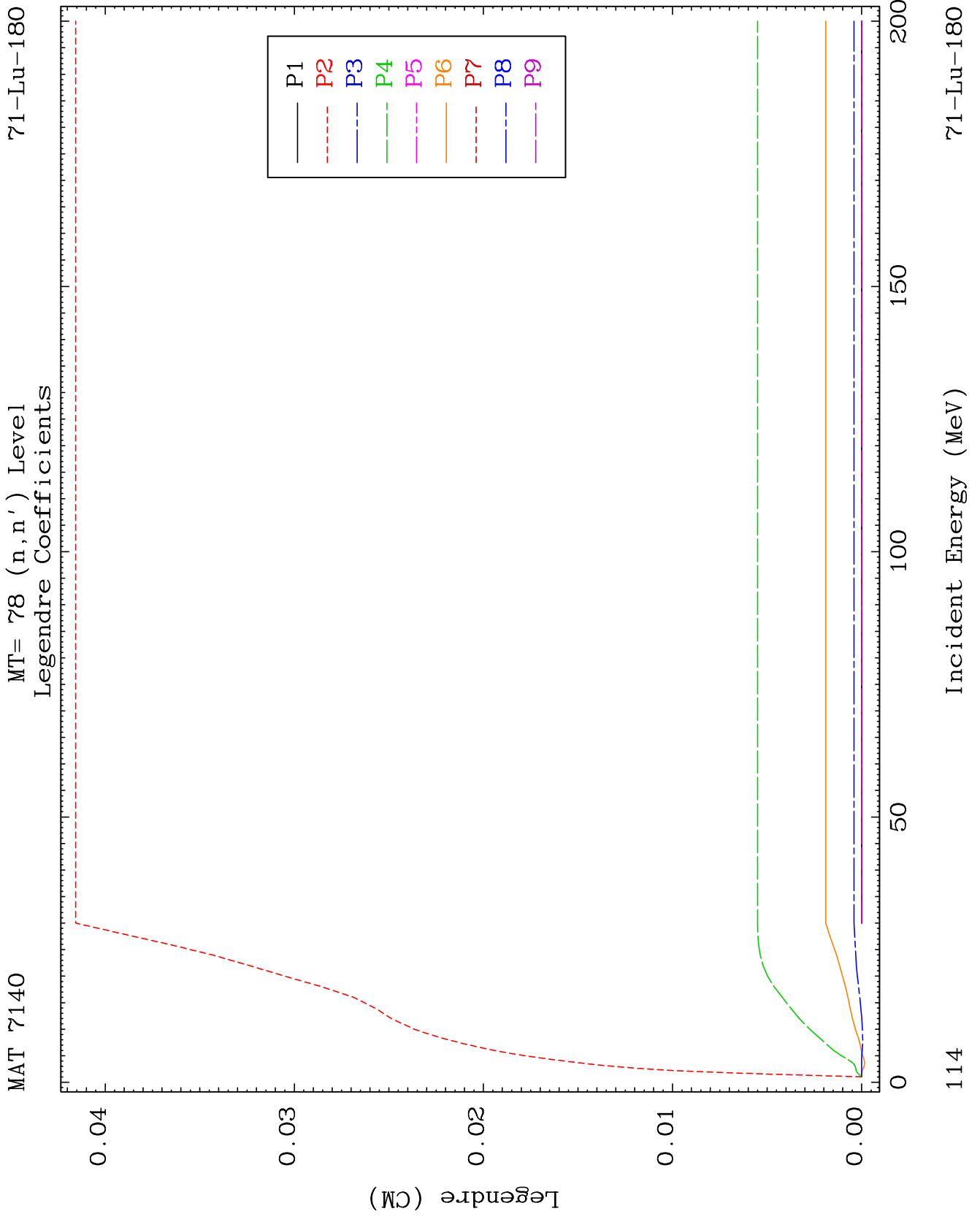


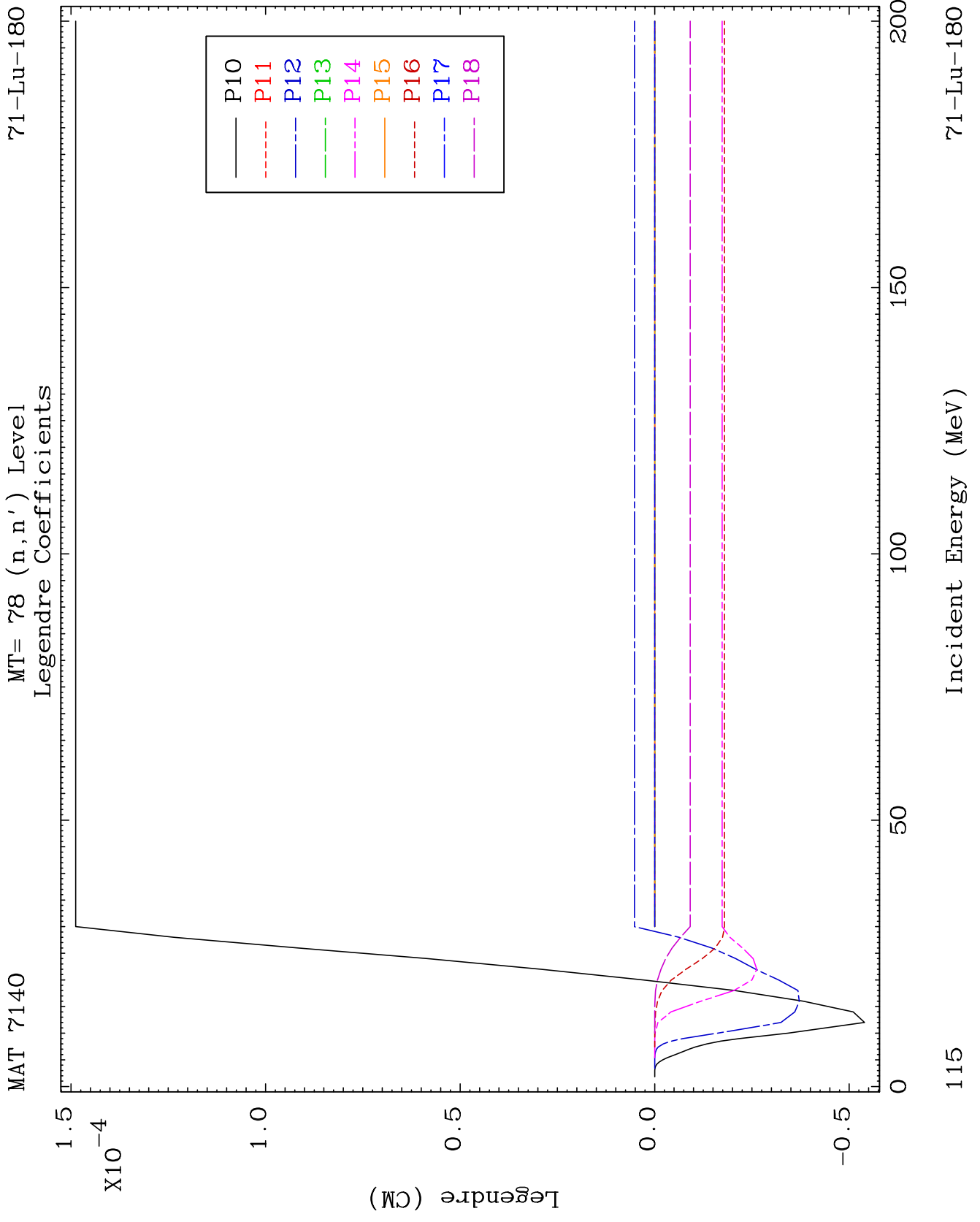
112

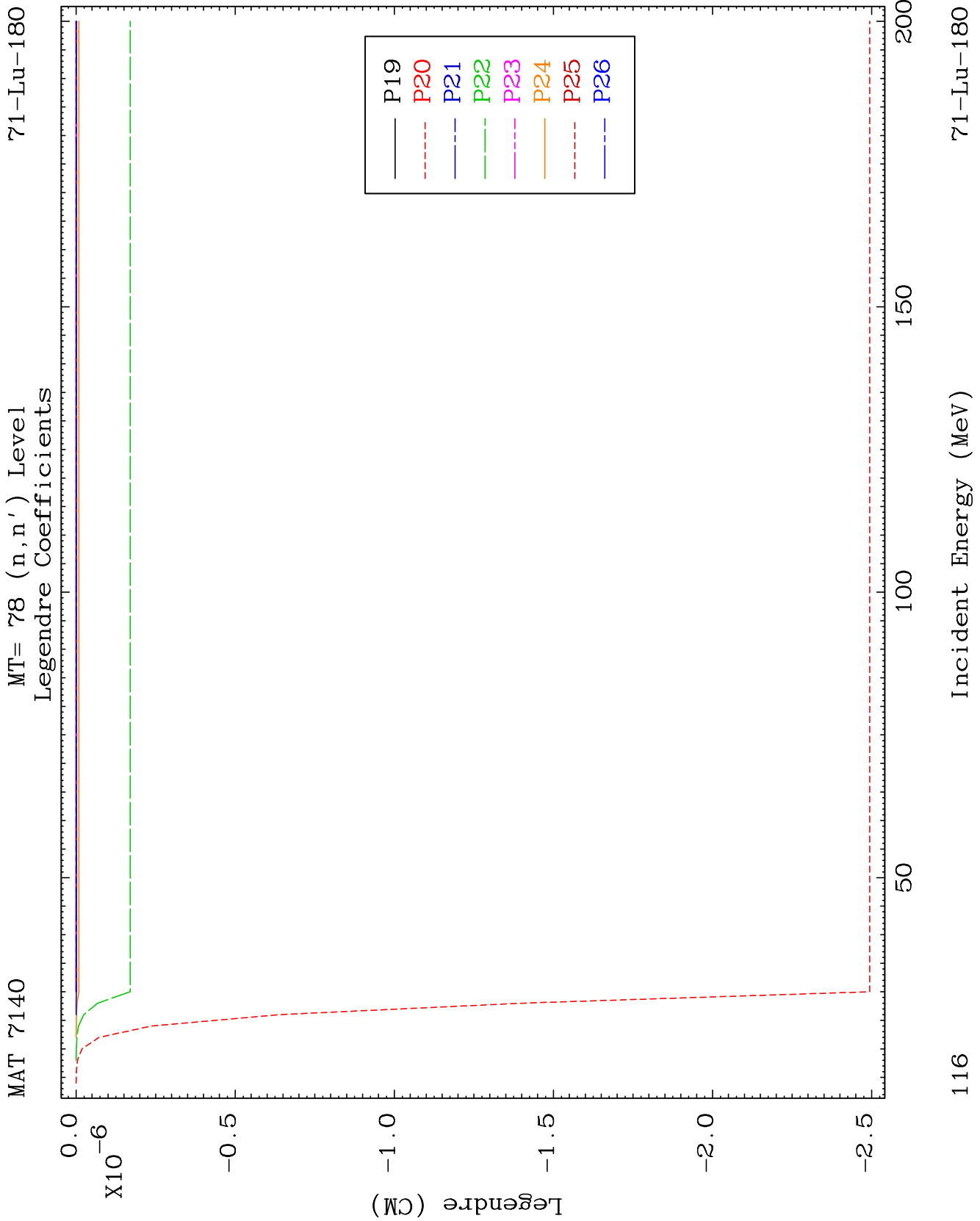
Incident Energy (MeV)

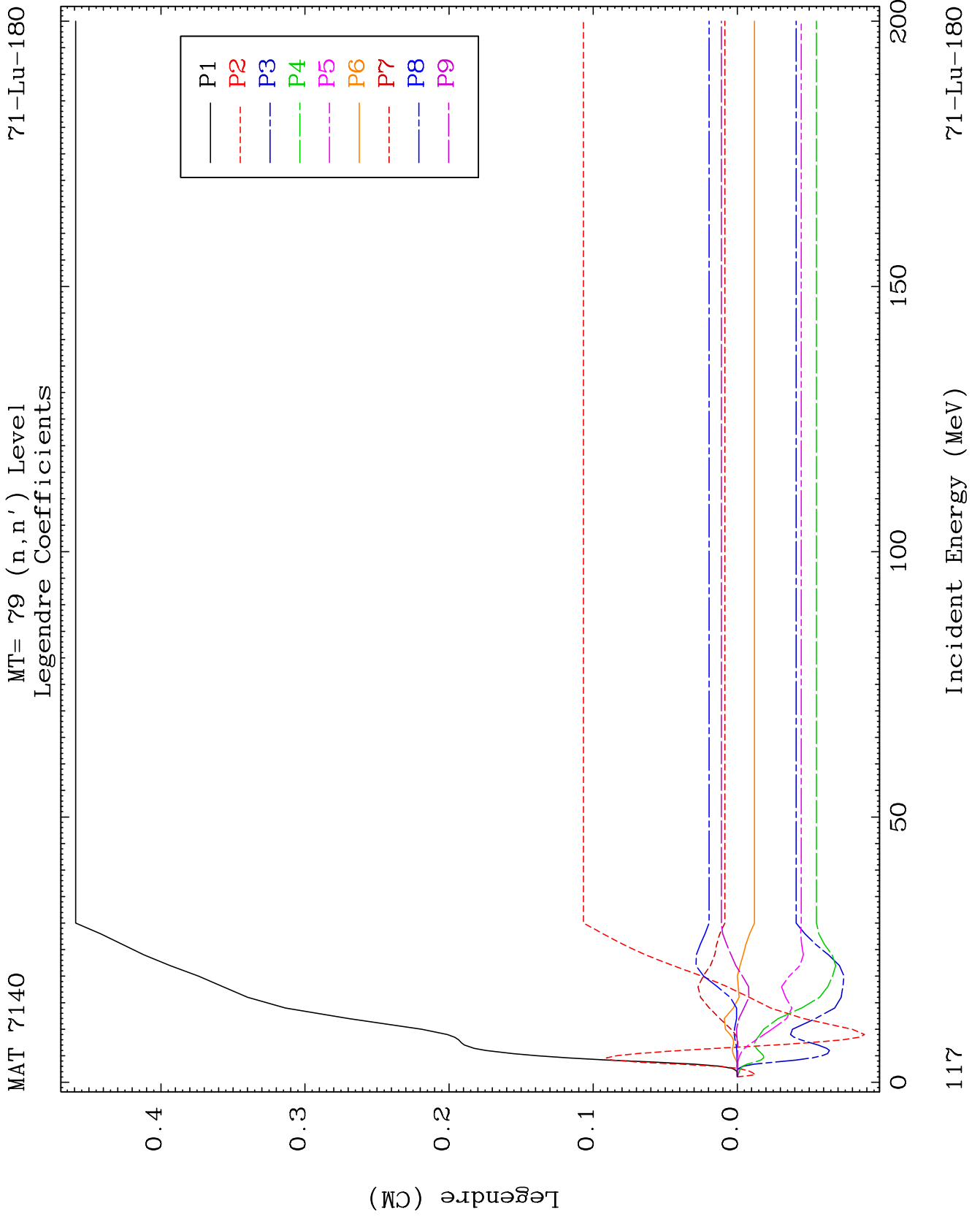
71-Lu-180

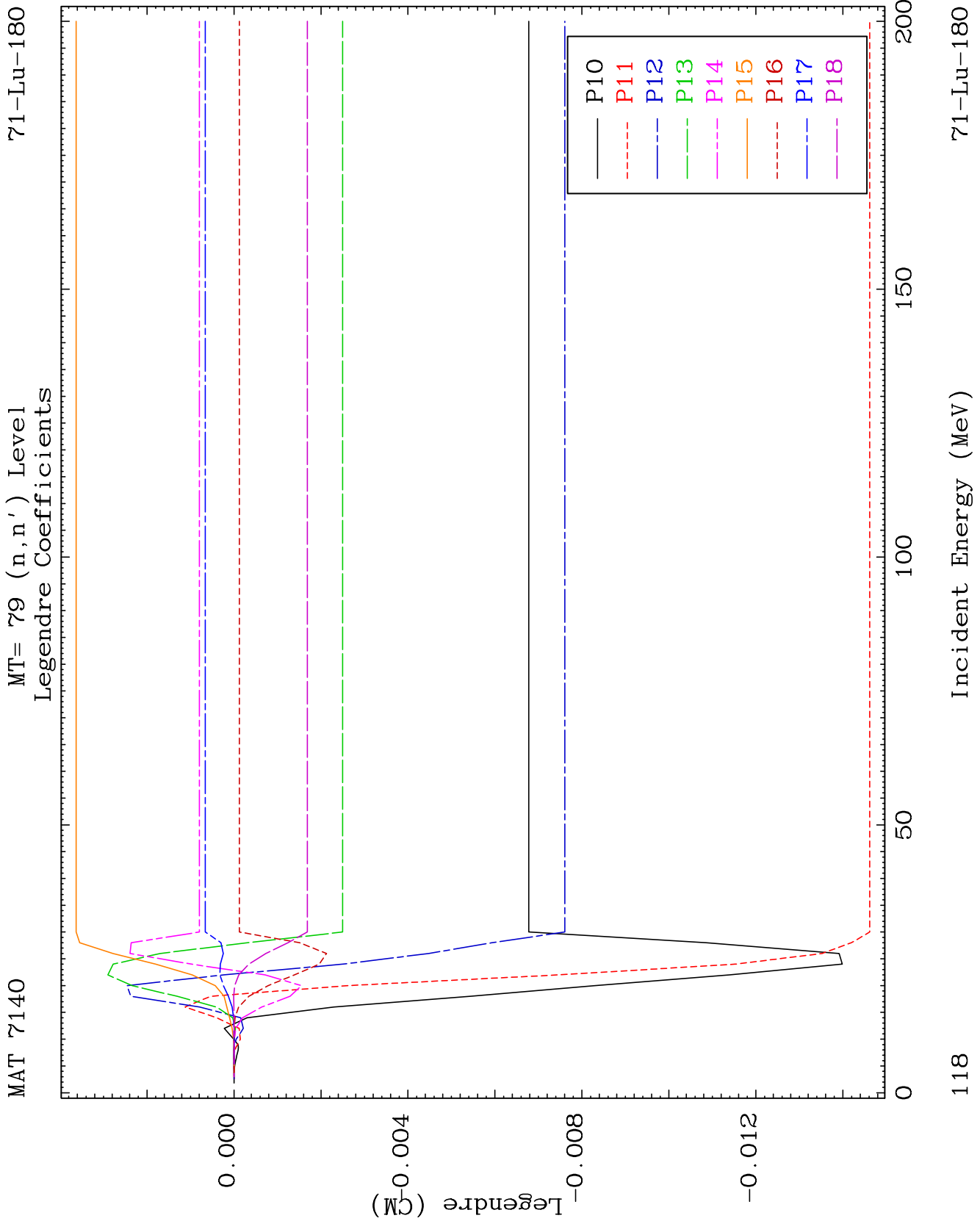








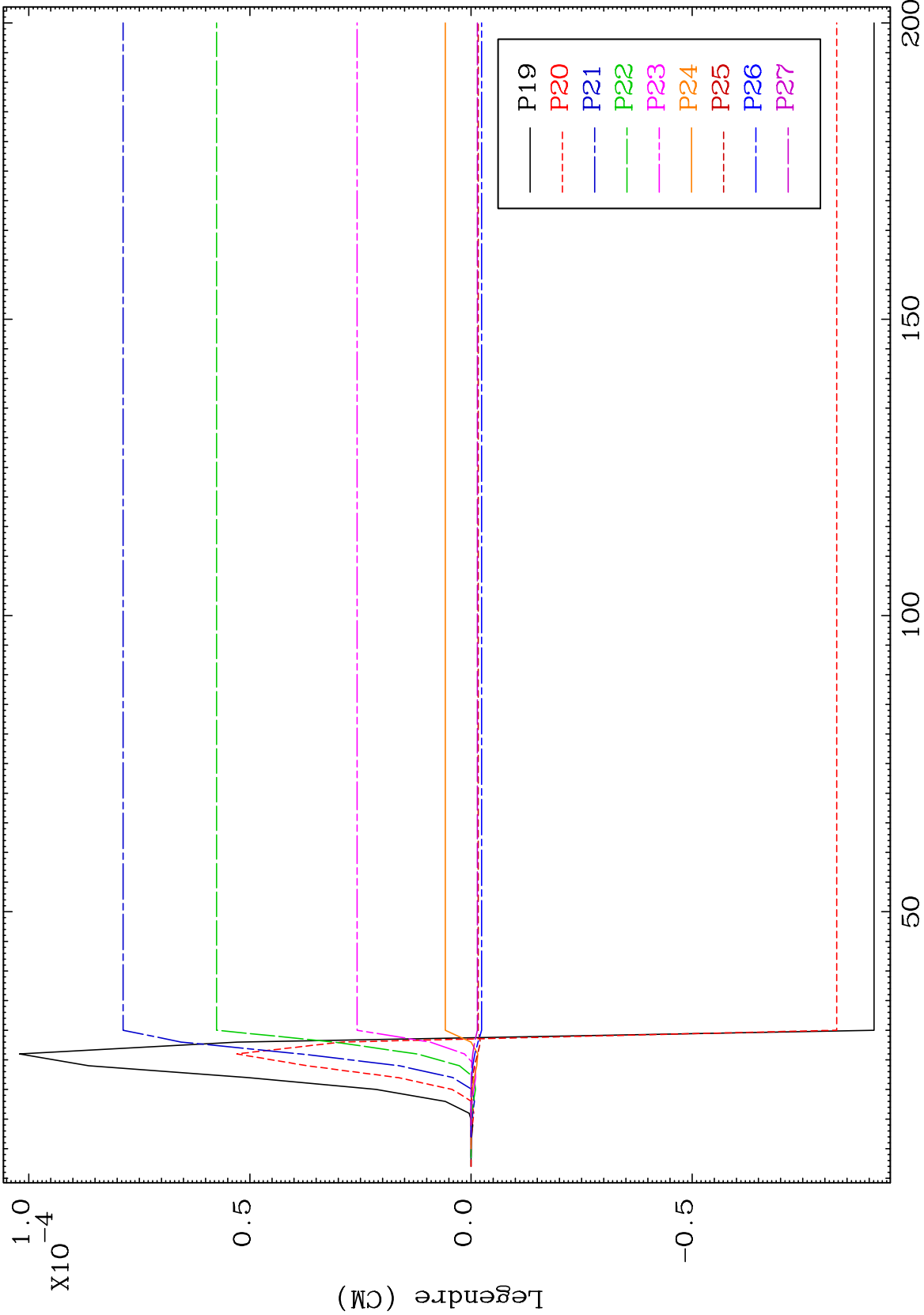




MAT 7140

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

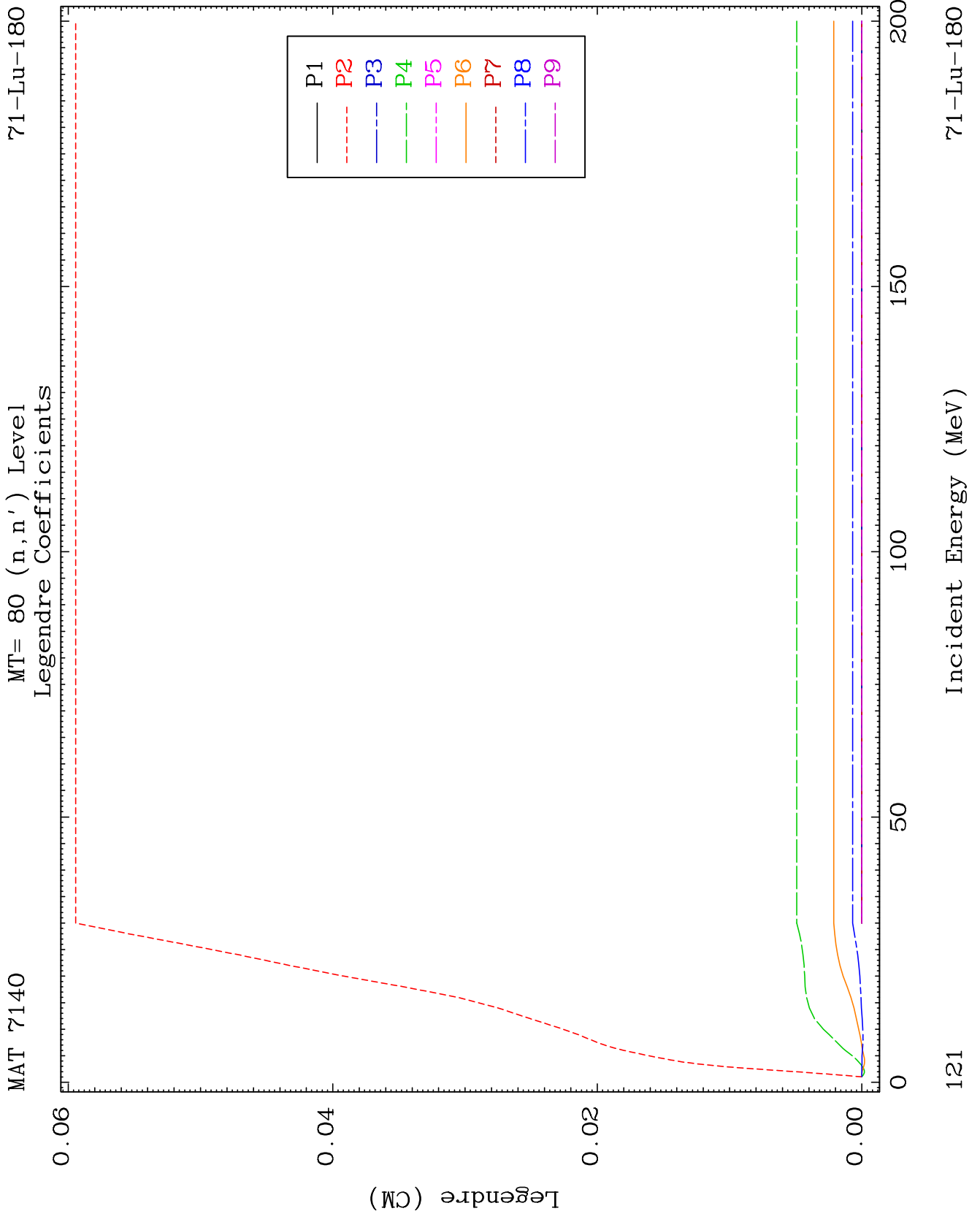
71-Lu-180



119

Incident Energy (MeV)

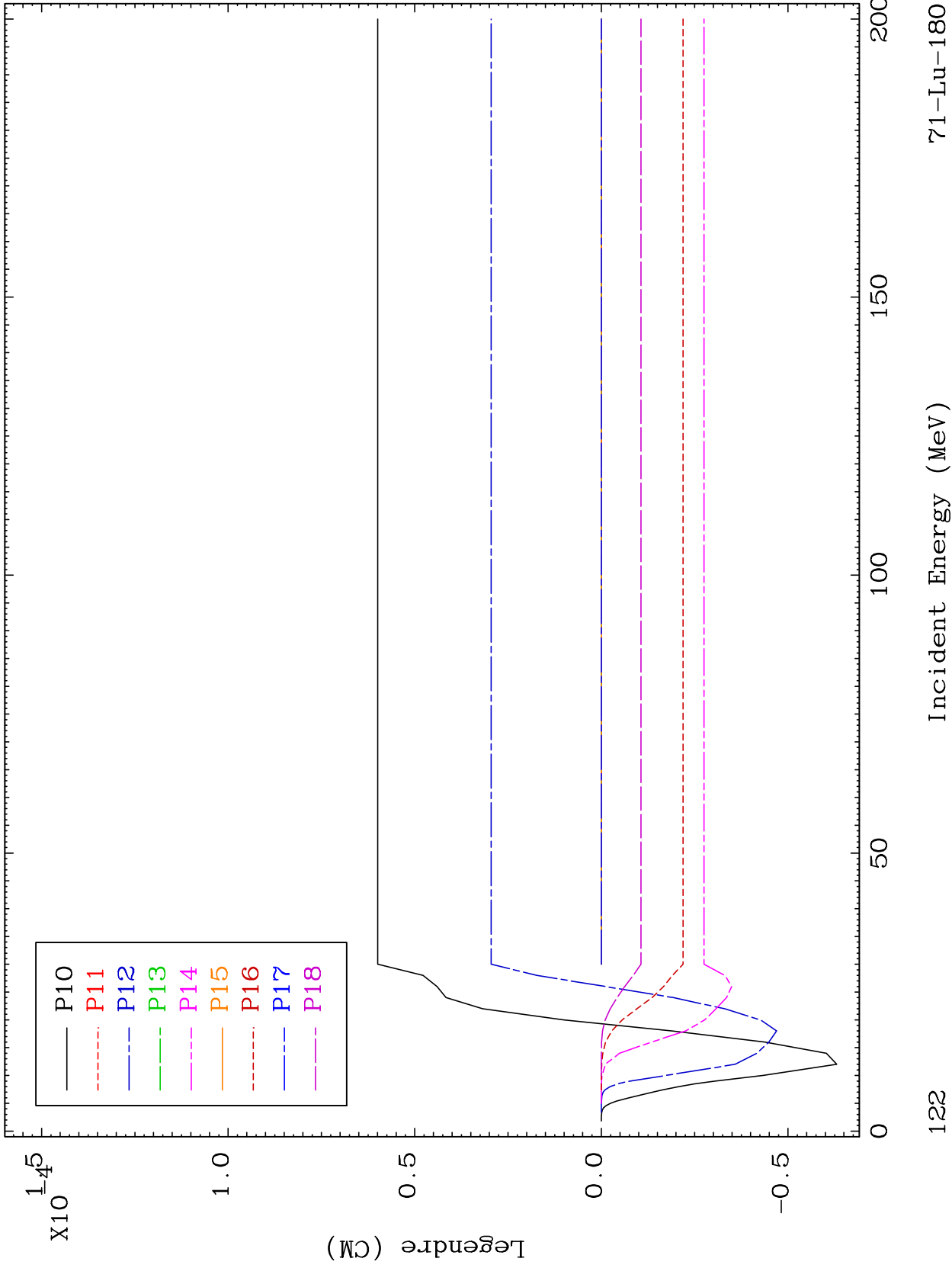
71-Lu-180



MAT 7140

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

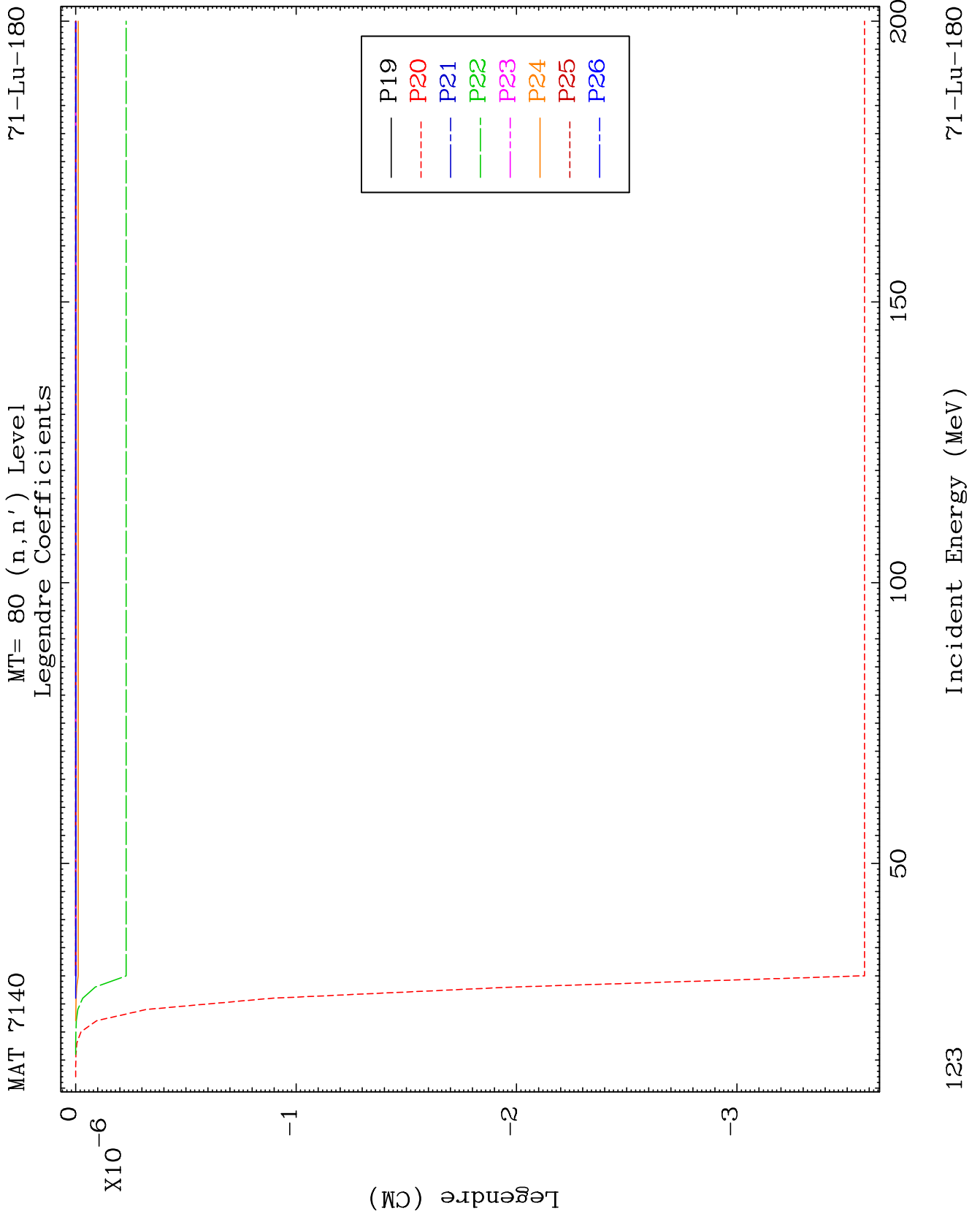
71-Lu-180



122

Incident Energy (MeV)

71-Lu-180

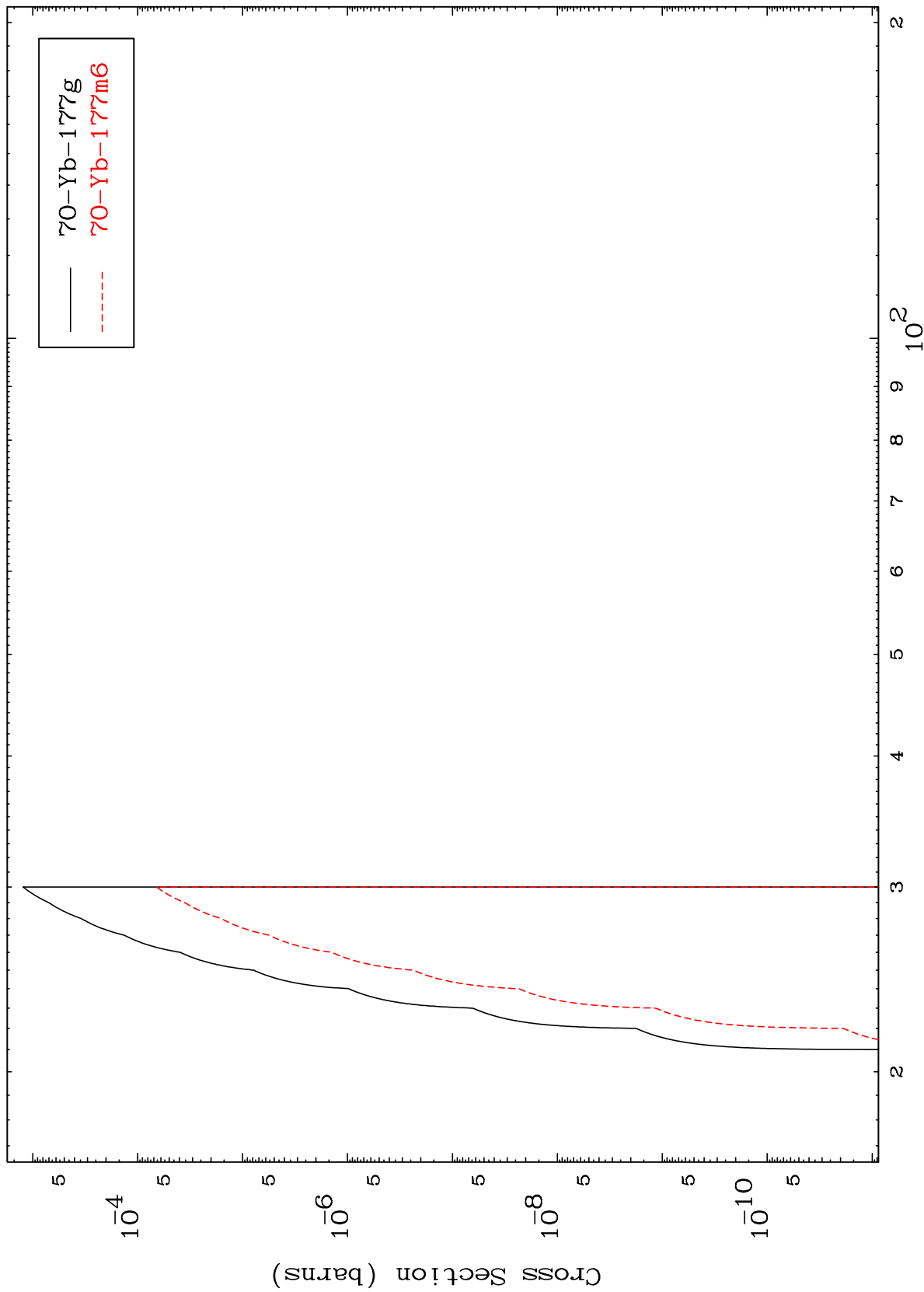


MAT 7140

(n,2n) d

71-Lu-180

Radionuclide Production Cross Section



124

Incident Energy (MeV)

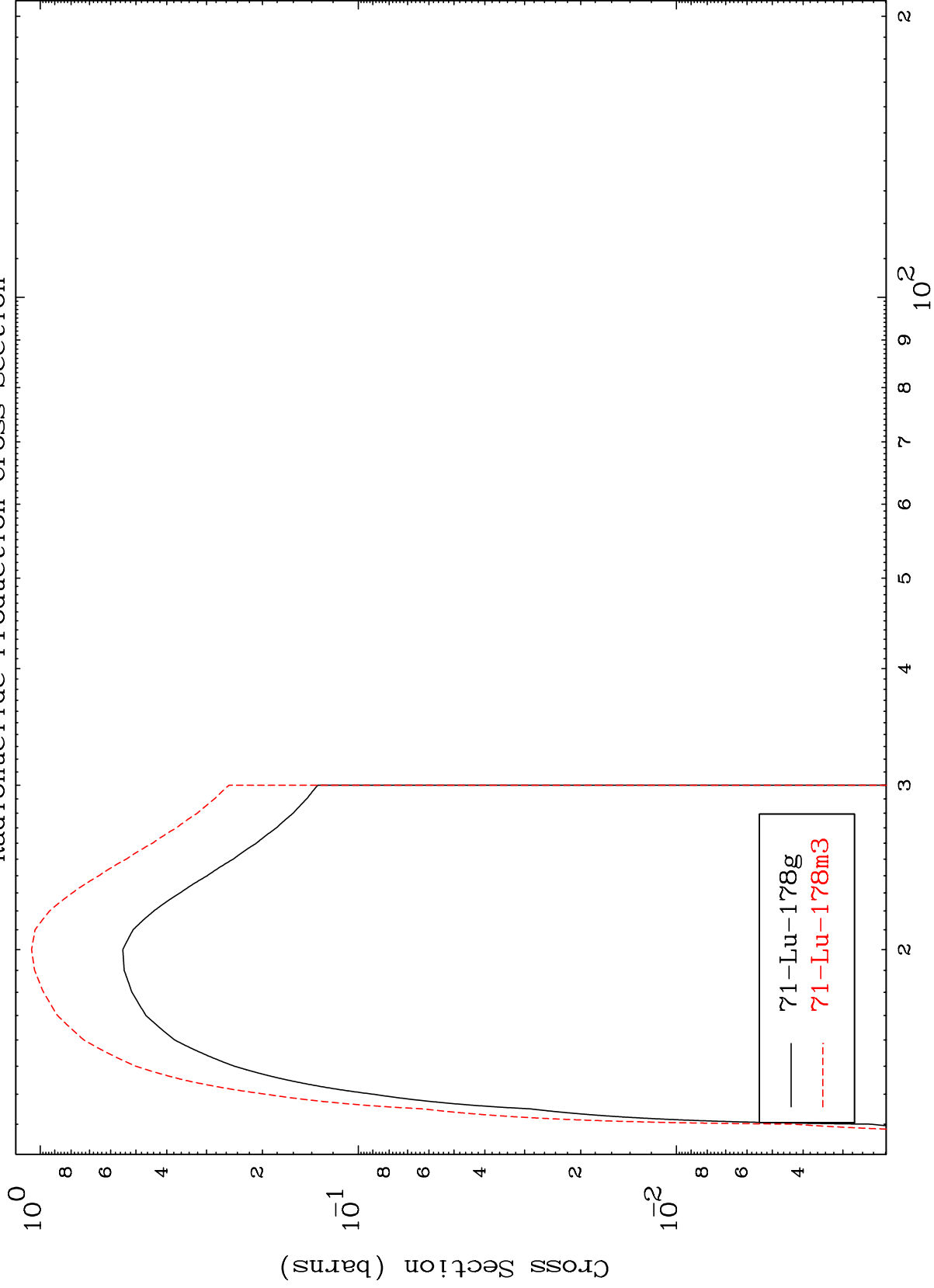
71-Lu-180

MAT 7140

(n,3n)

⁷¹Lu-180

Radionuclide Production Cross Section



125

Incident Energy (MeV)

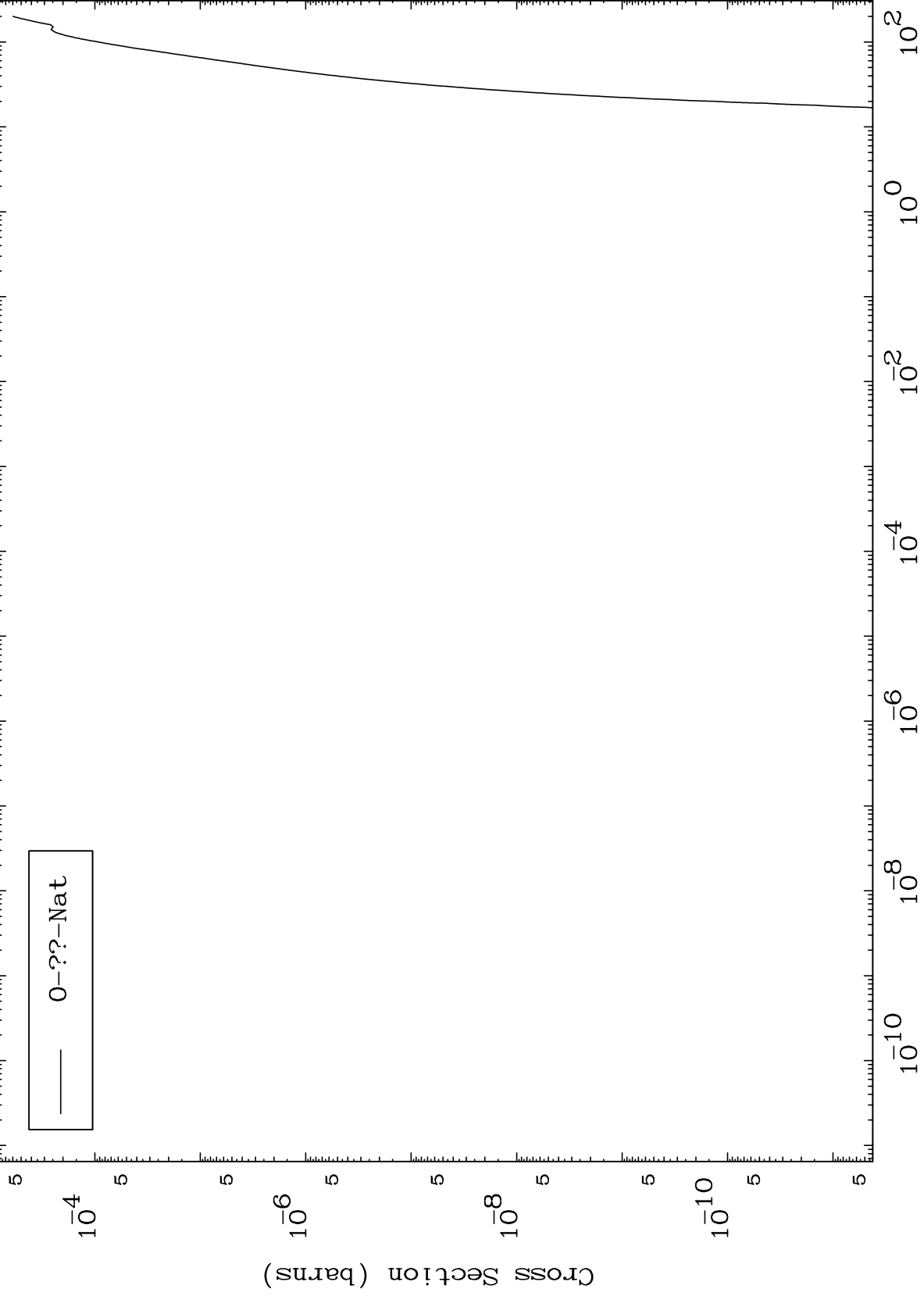
⁷¹Lu-180

MAT 7140

Fission

71-Lu-180

Radionuclide Production Cross Section

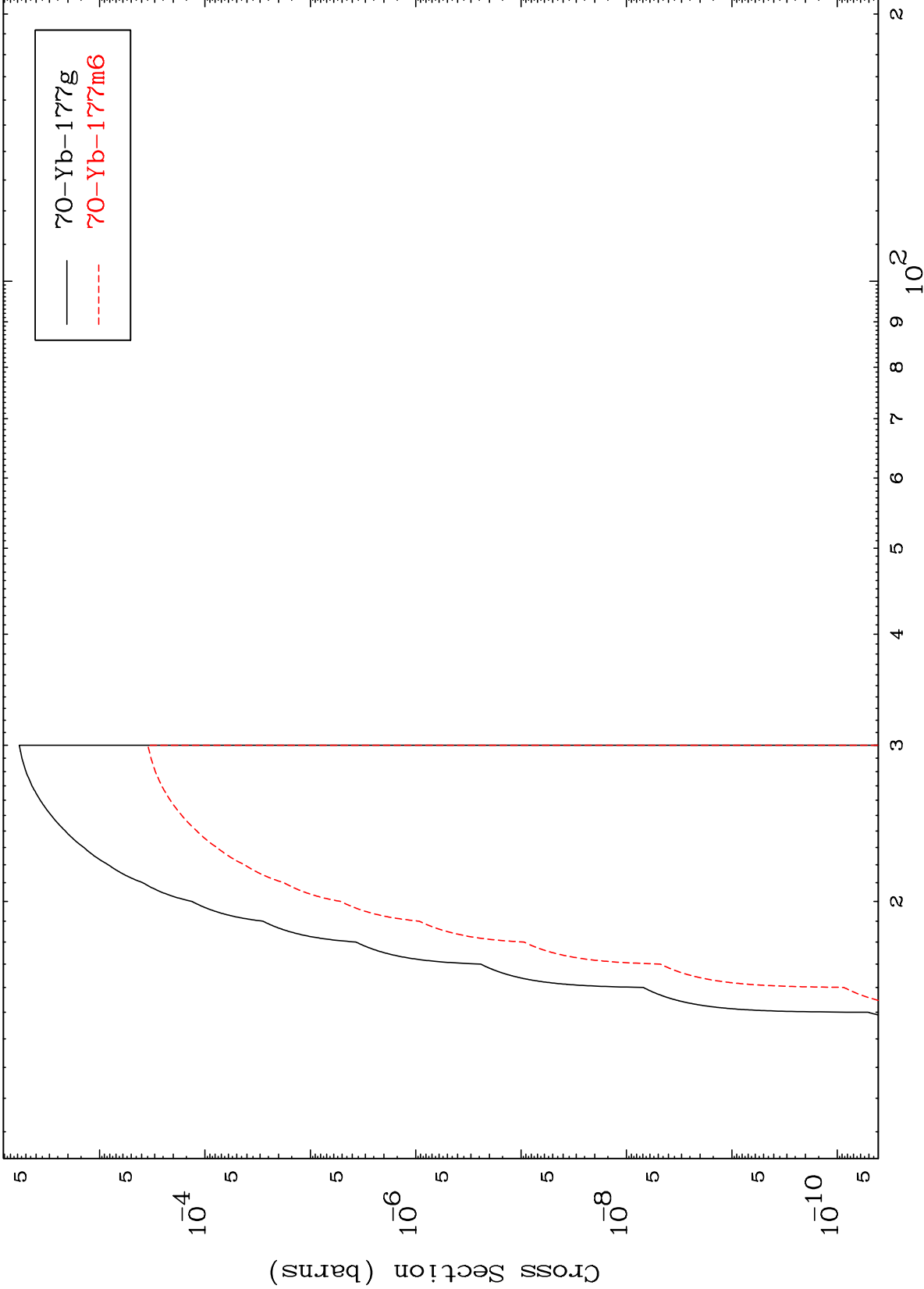


MAT 7140

(n,n') t

71-Lu-180

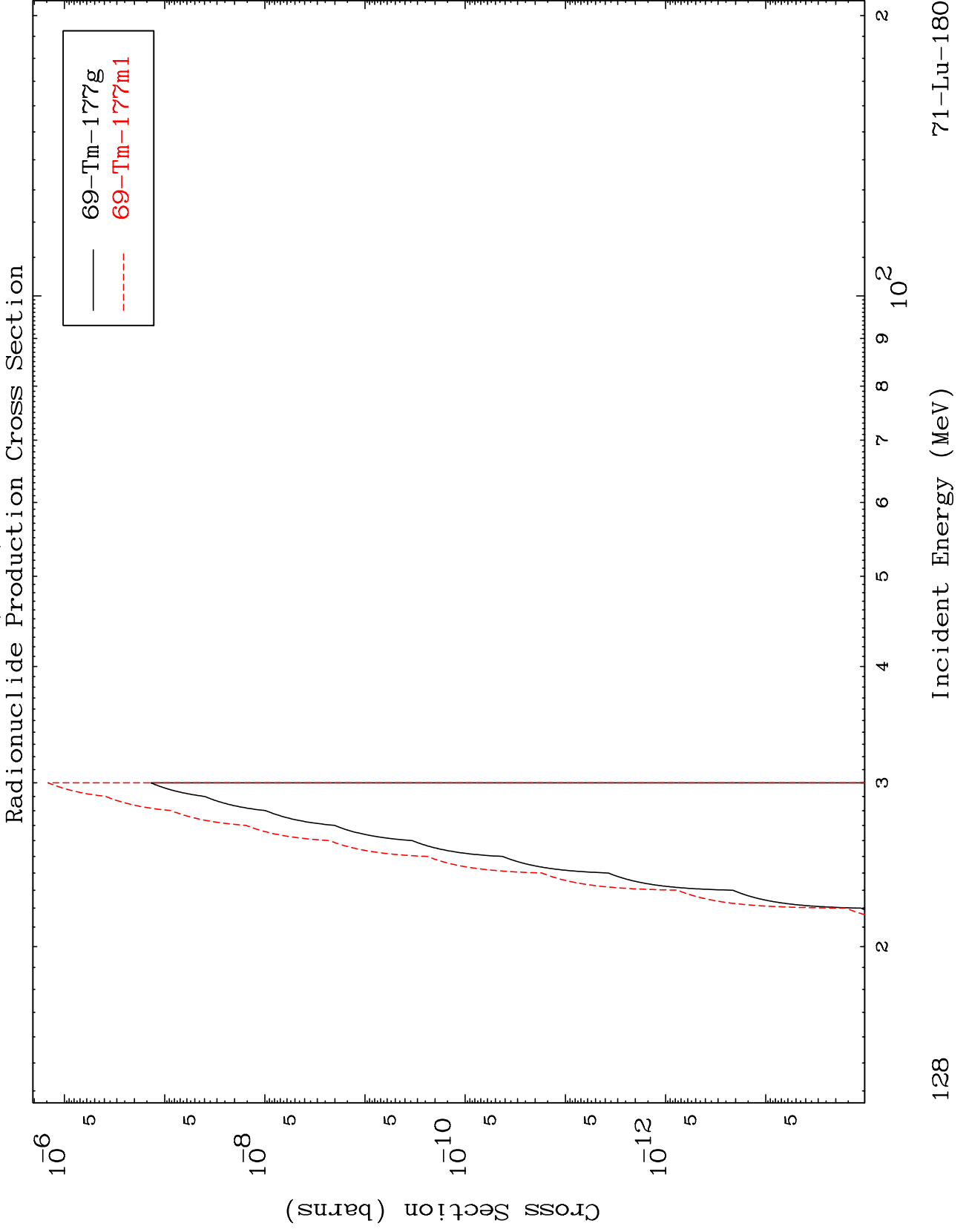
Radionuclide Production Cross Section

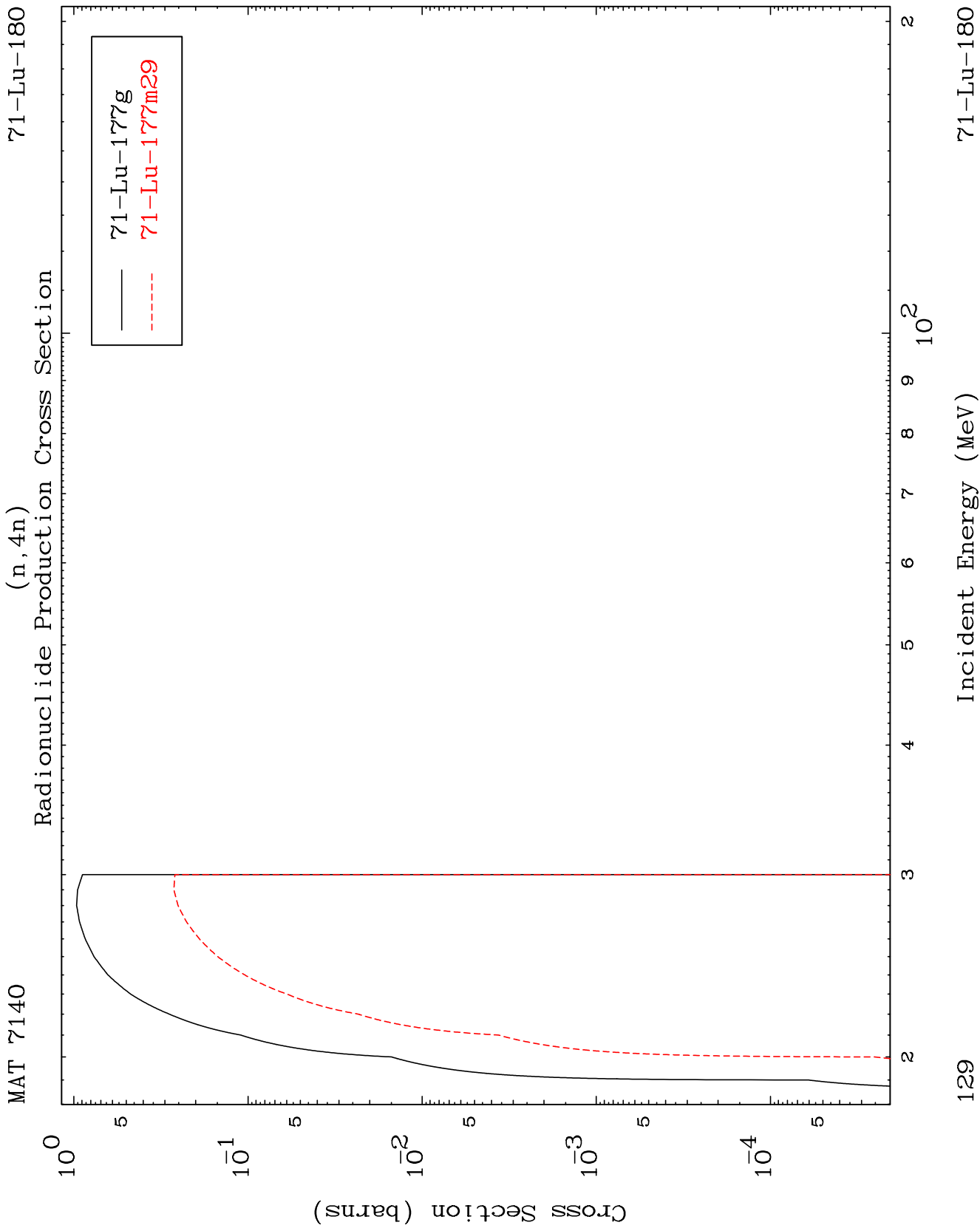


127

Incident Energy (MeV)

71-Lu-180



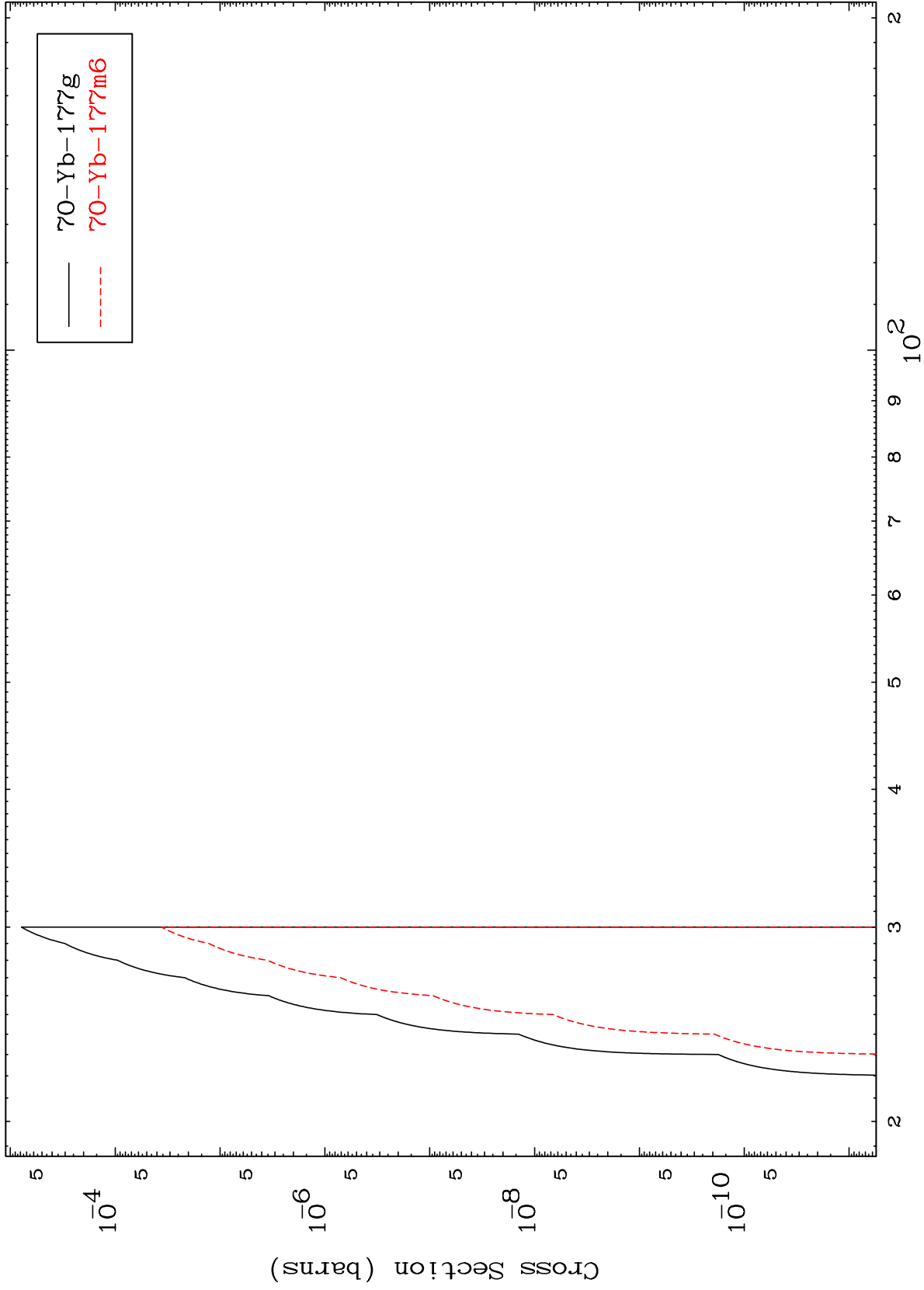


MAT 7140

(n,3n) p

71-Lu-180

Radionuclide Production Cross Section



130

Incident Energy (MeV)

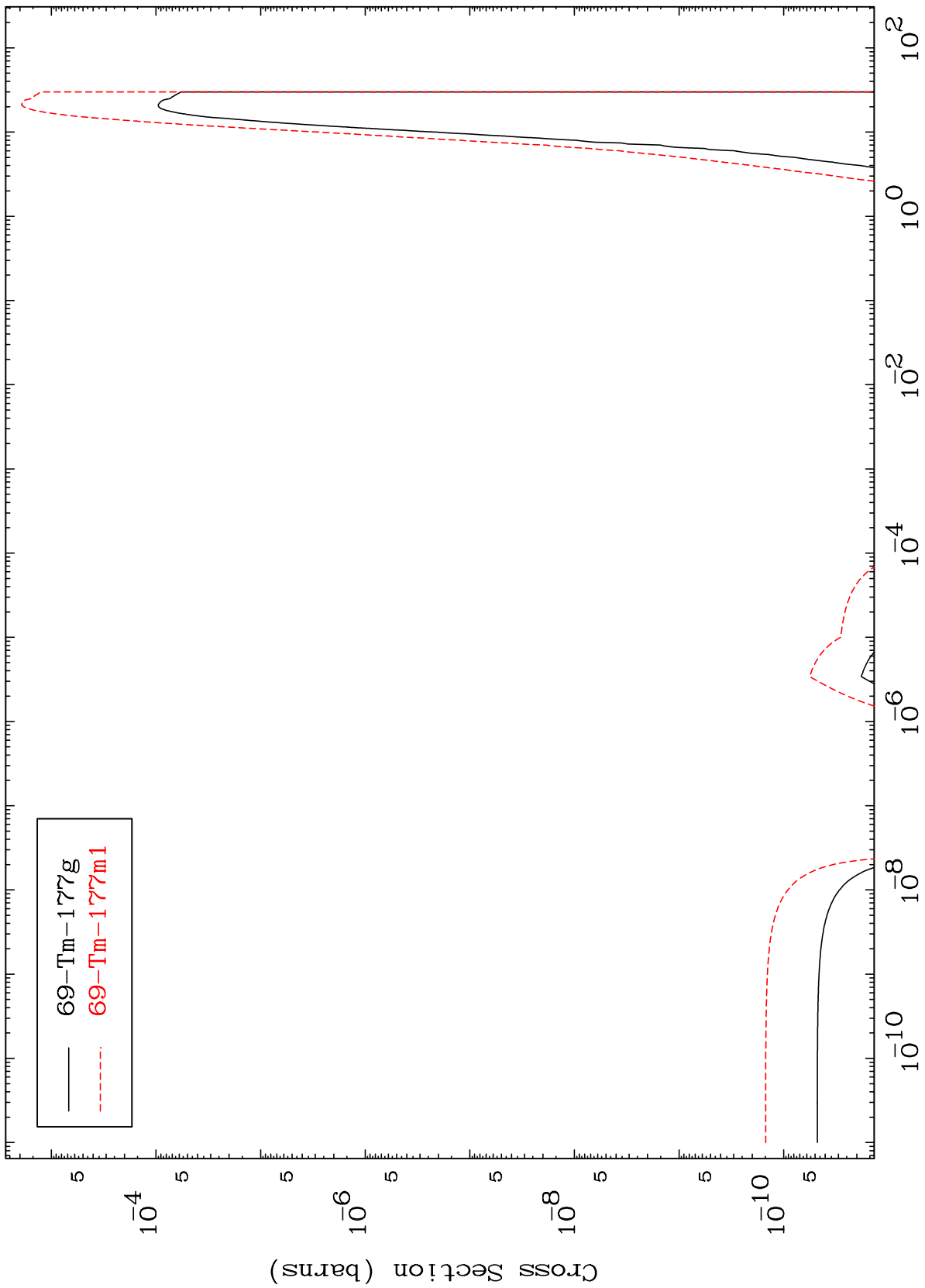
71-Lu-180

MAT 7140

(n, α)

⁷¹Lu-180

Radionuclide Production Cross Section



131

Incident Energy (MeV)

⁷¹Lu-180