

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

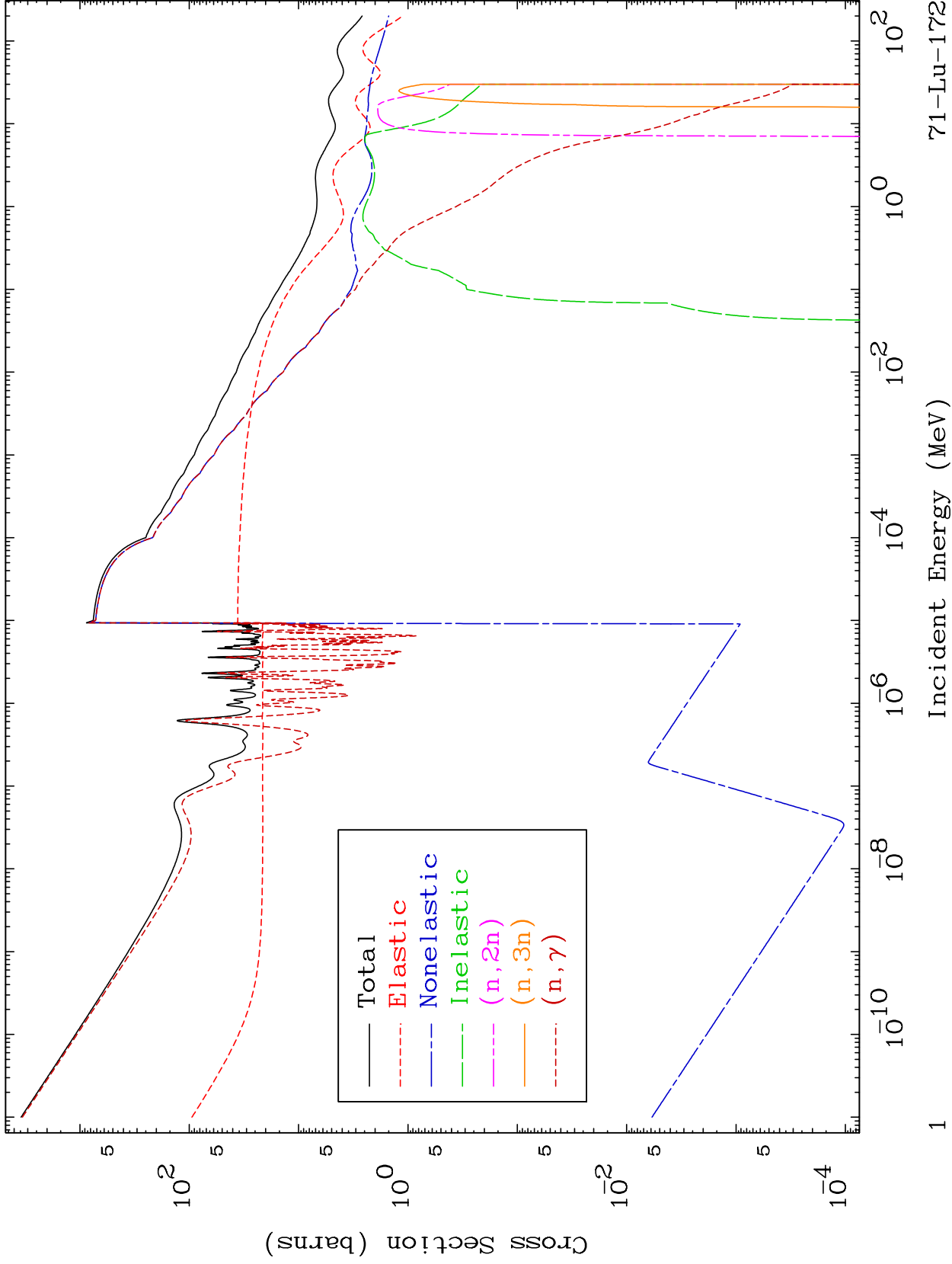
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Press Mouse Button to Start

MAT 7116

Neutron Major
293 Kelvin Cross Sections

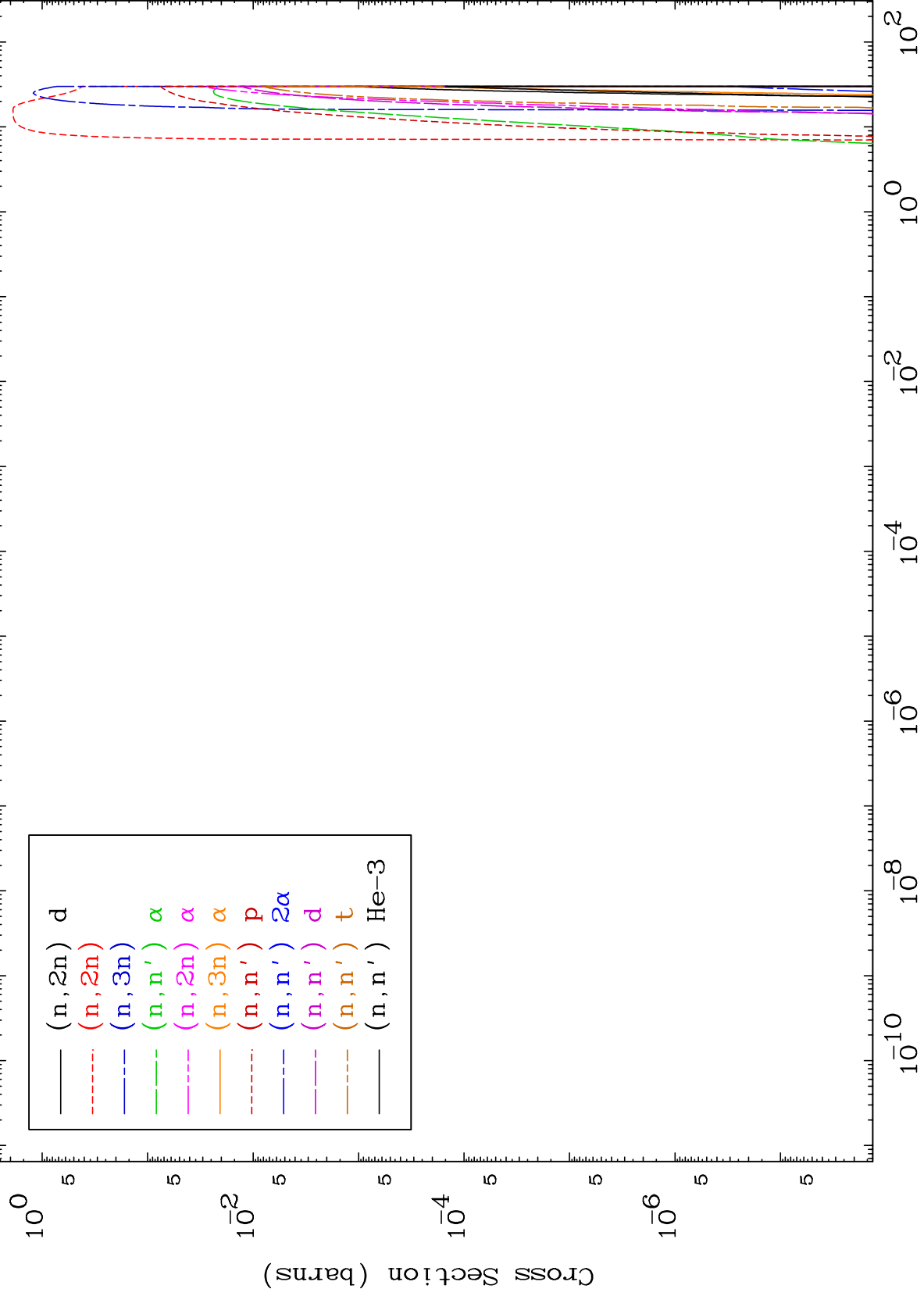
71-Lu-172



MAT 7116

Neutron Absorption
293 Kelvin Cross Sections

71-Lu-172

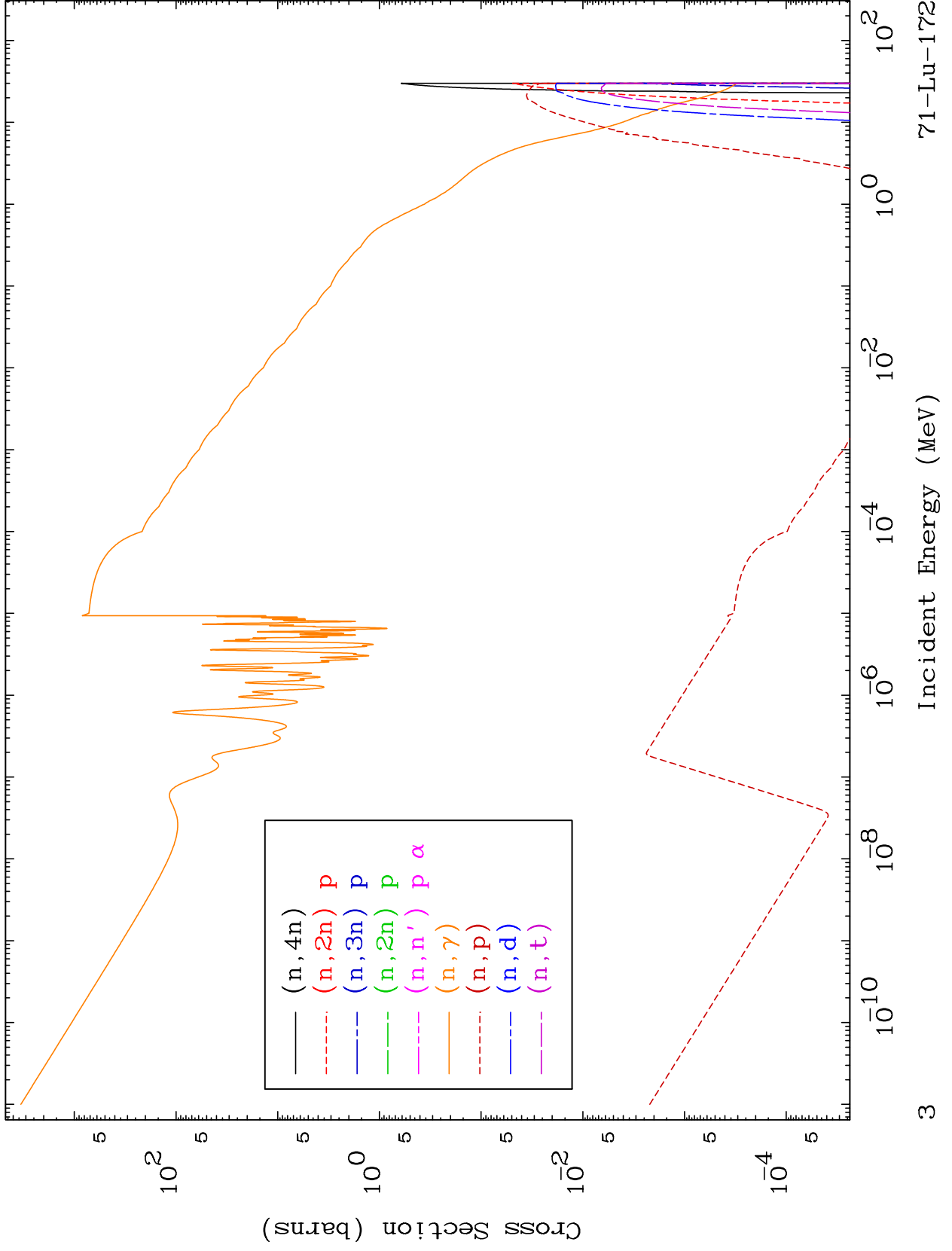


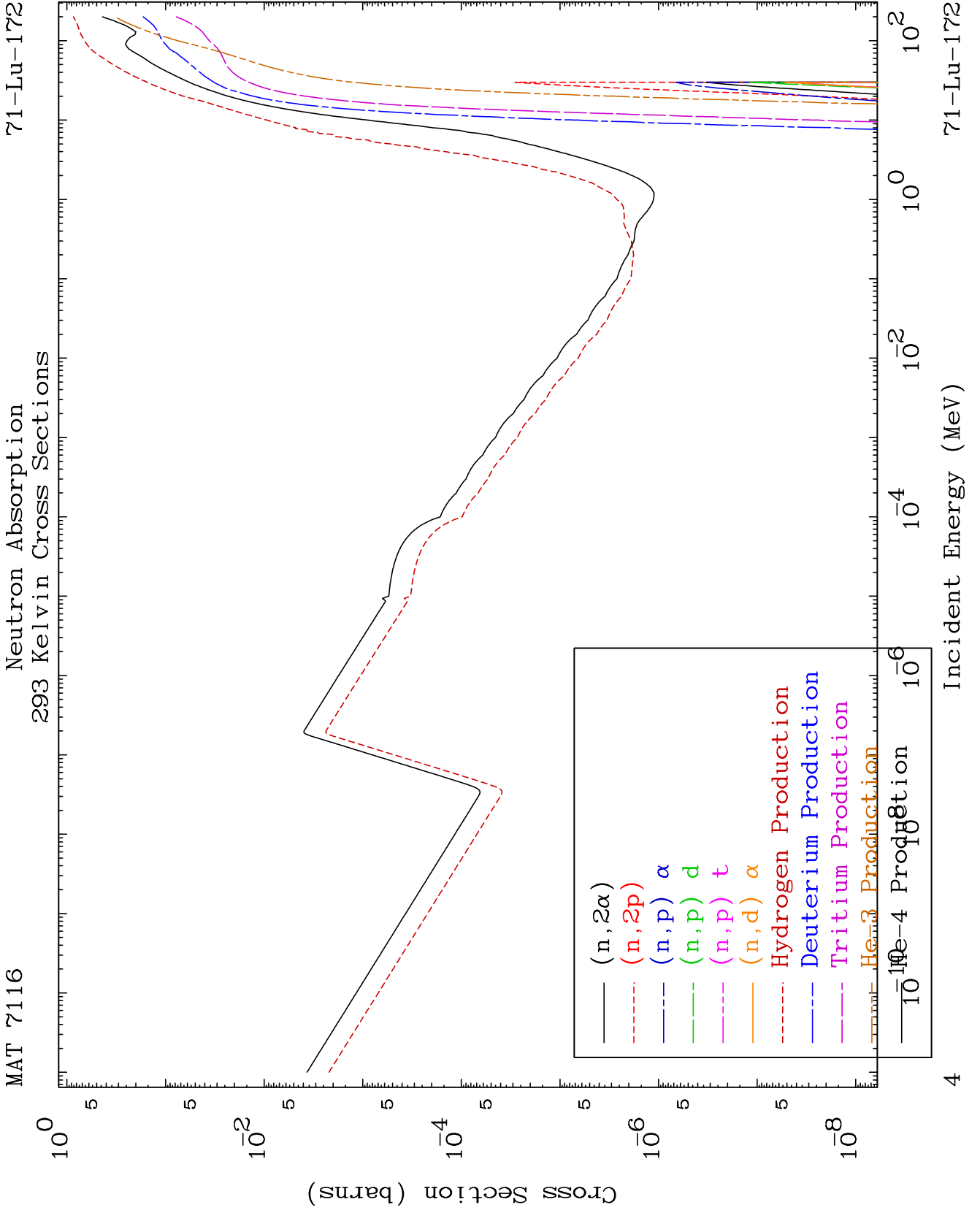
71-Lu-172

MAT 7116

Neutron Absorption
293 Kelvin Cross Sections

71-Lu-172

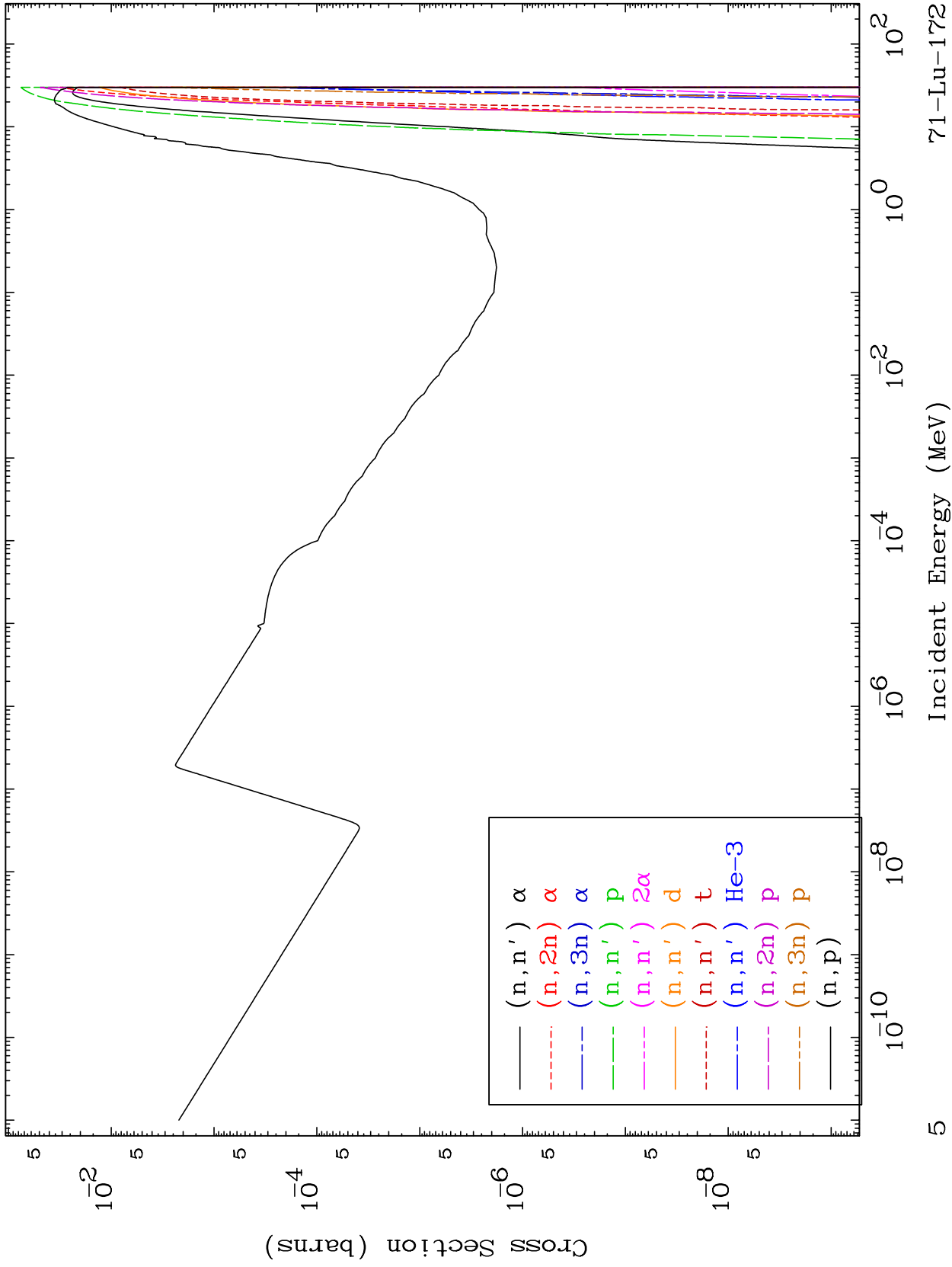




MAT 7116

Charged Particle
293 Kelvin Cross Sections

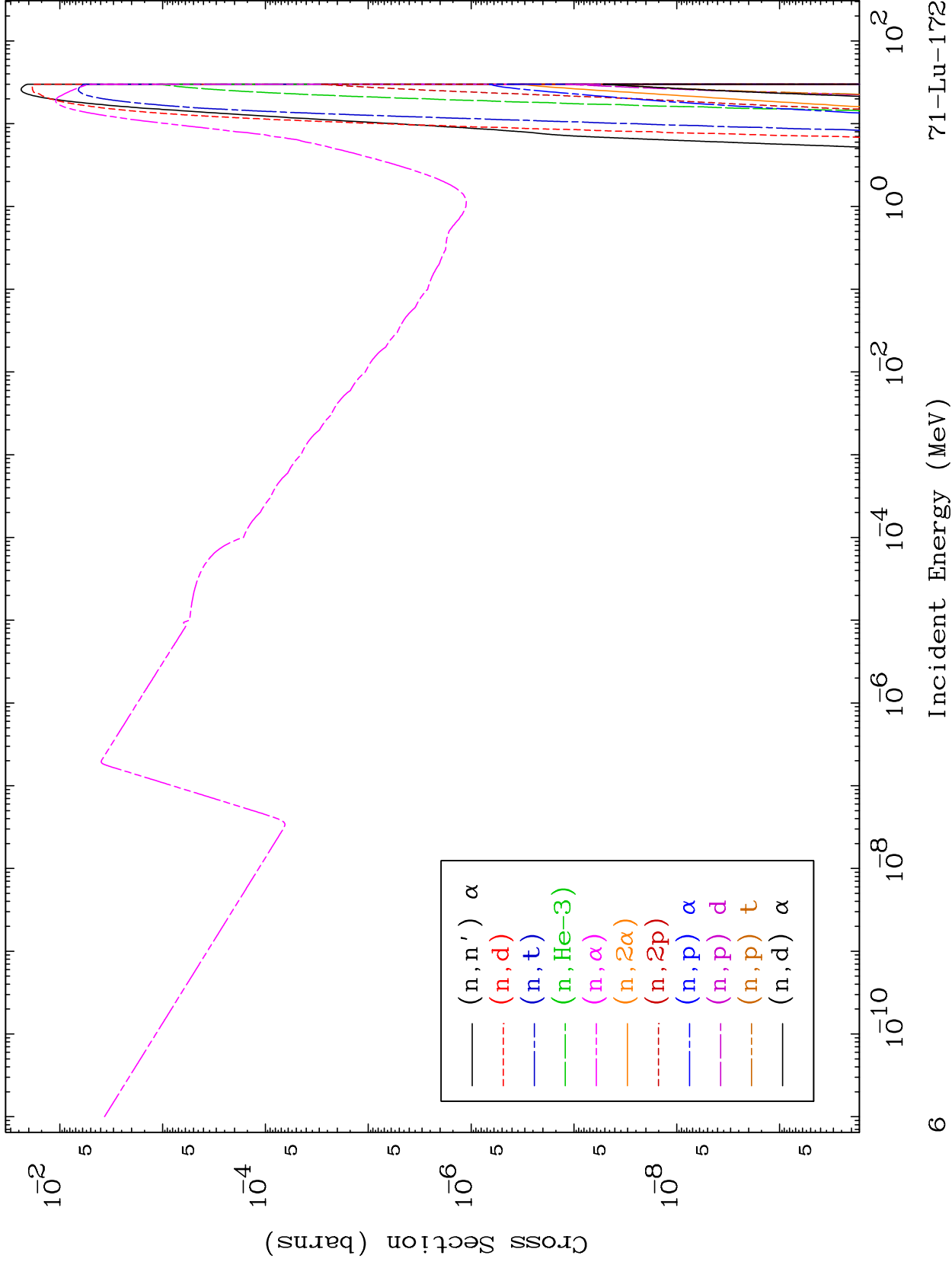
71-Lu-172



MAT 7116

Charged Particle
293 Kelvin Cross Sections

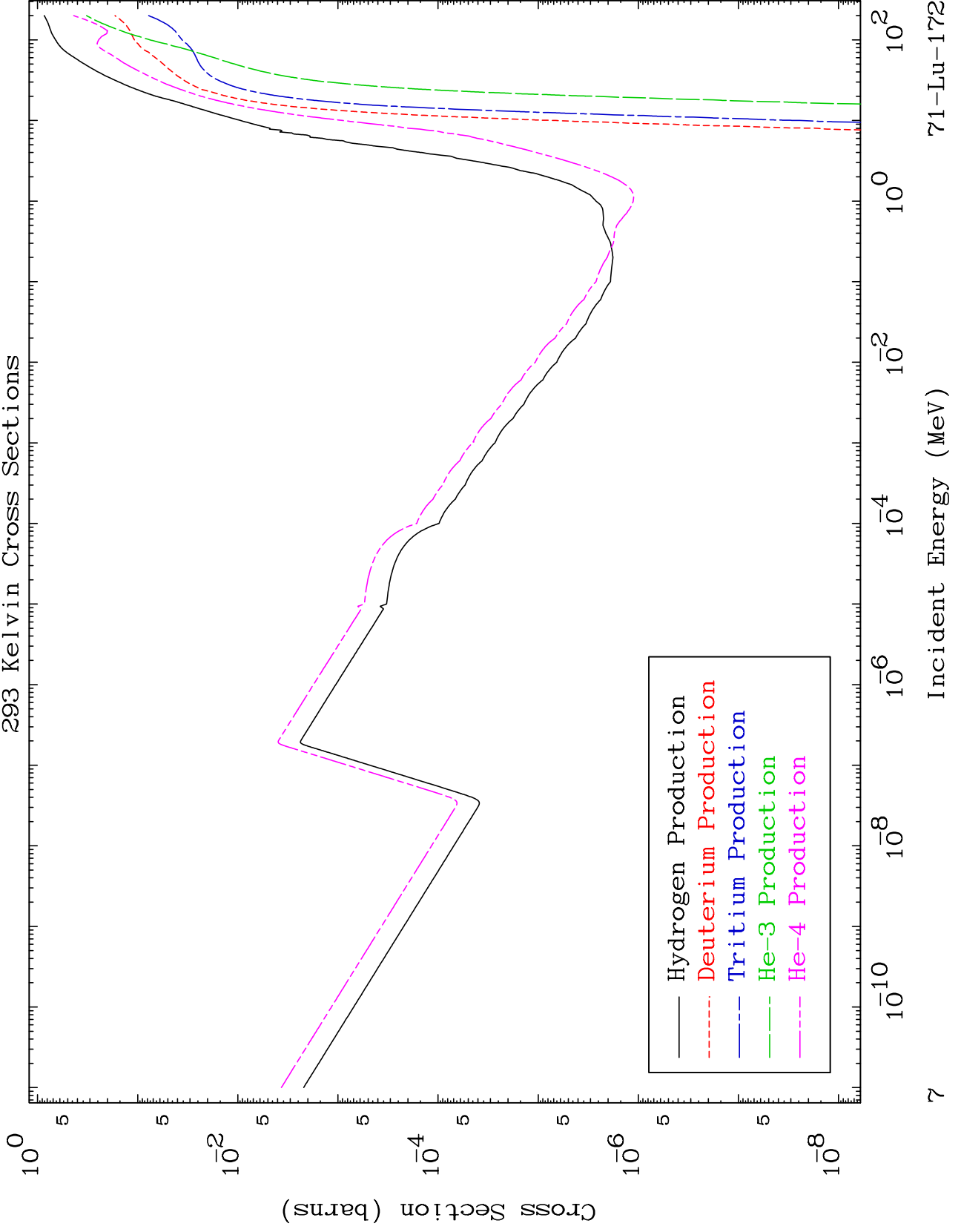
71-Lu-172



MAT 7116

Particle Production
293 Kelvin Cross Sections

71-Lu-172

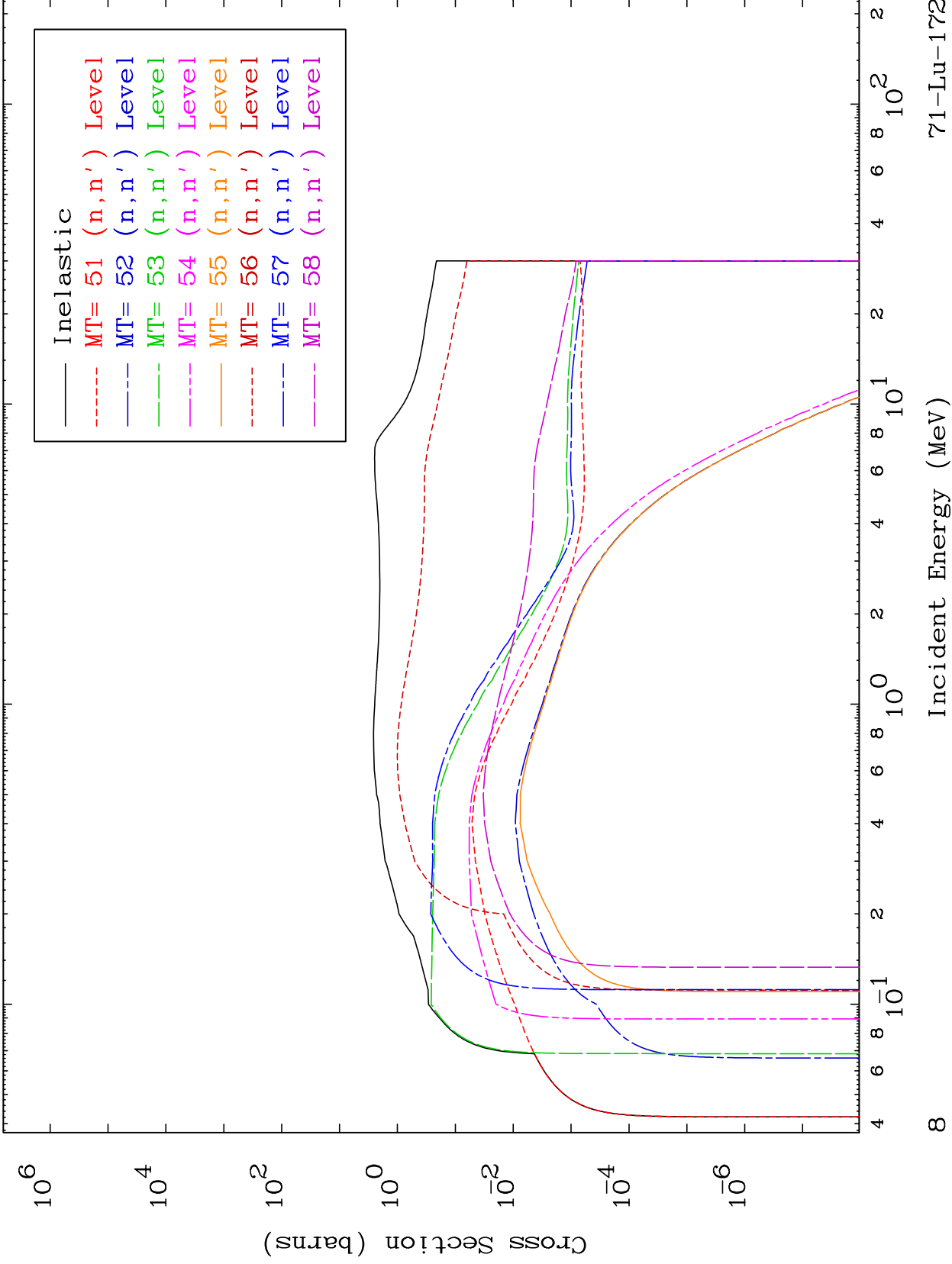


MAT 7116

(n,n') Levels

71-Lu-172

293 Kelvin Cross Sections

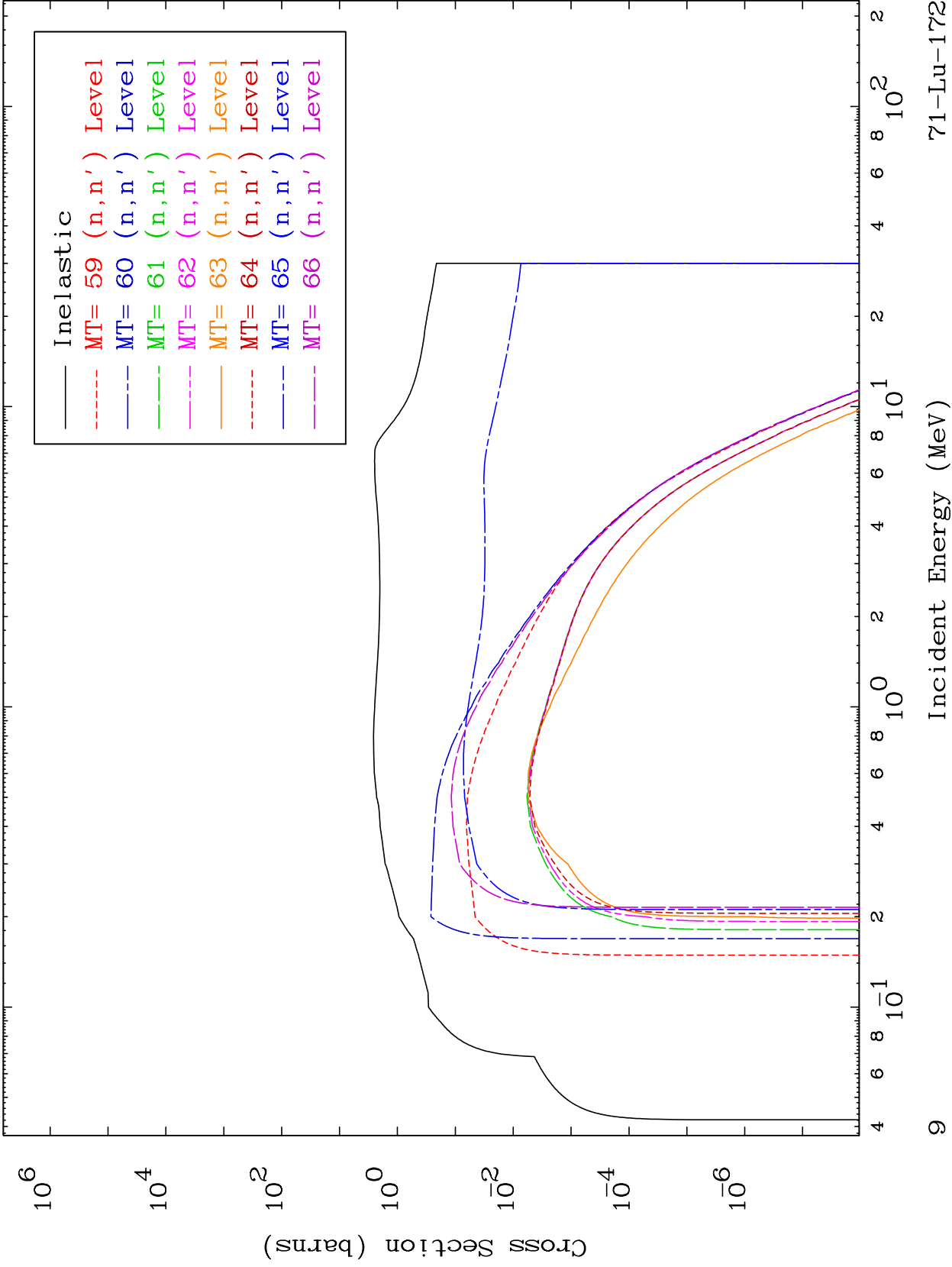


MAT 7116

(n,n') Levels

71-Lu-172

293 Kelvin Cross Sections

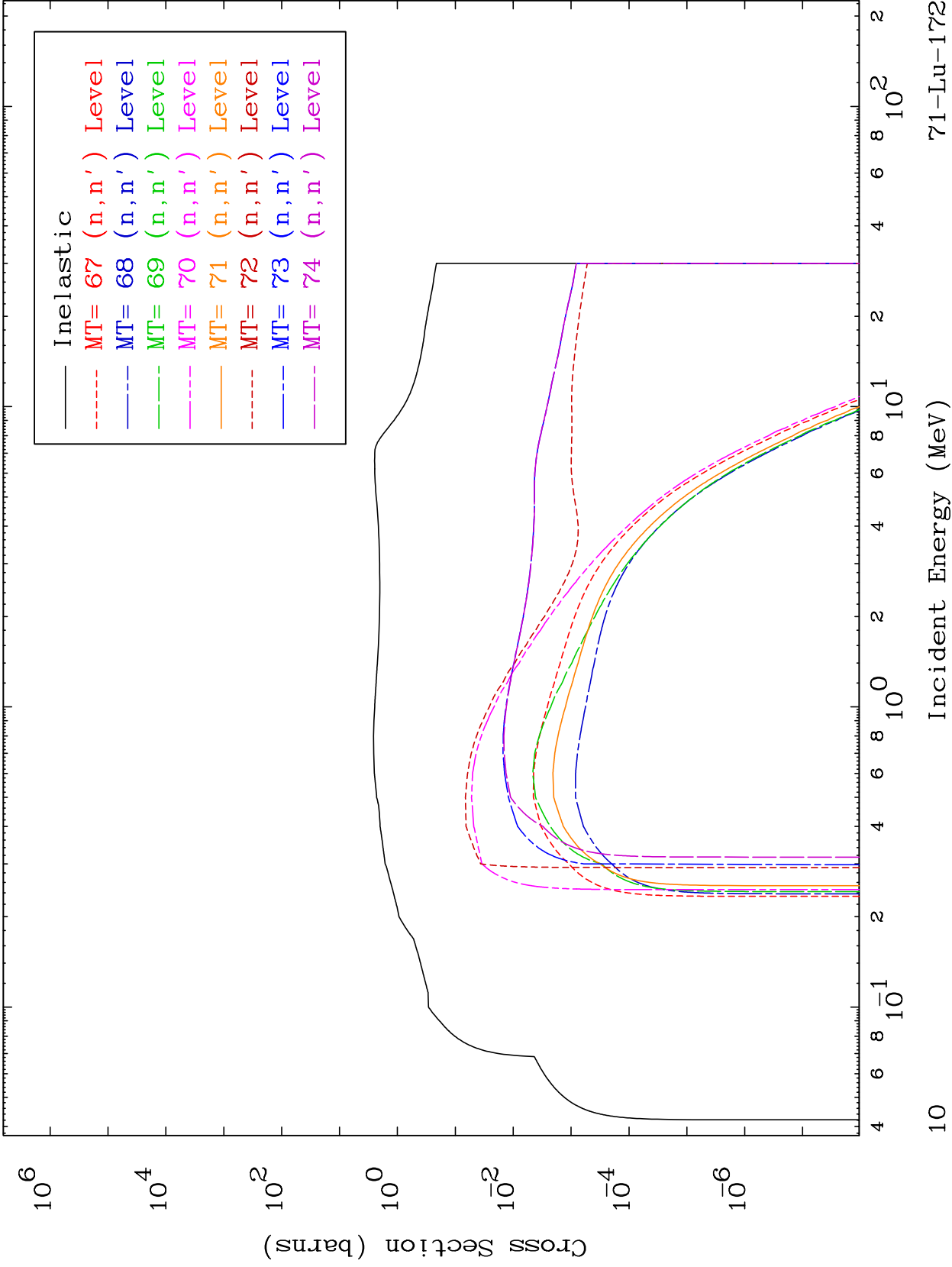


MAT 7116

(n,n') Levels

71-Lu-172

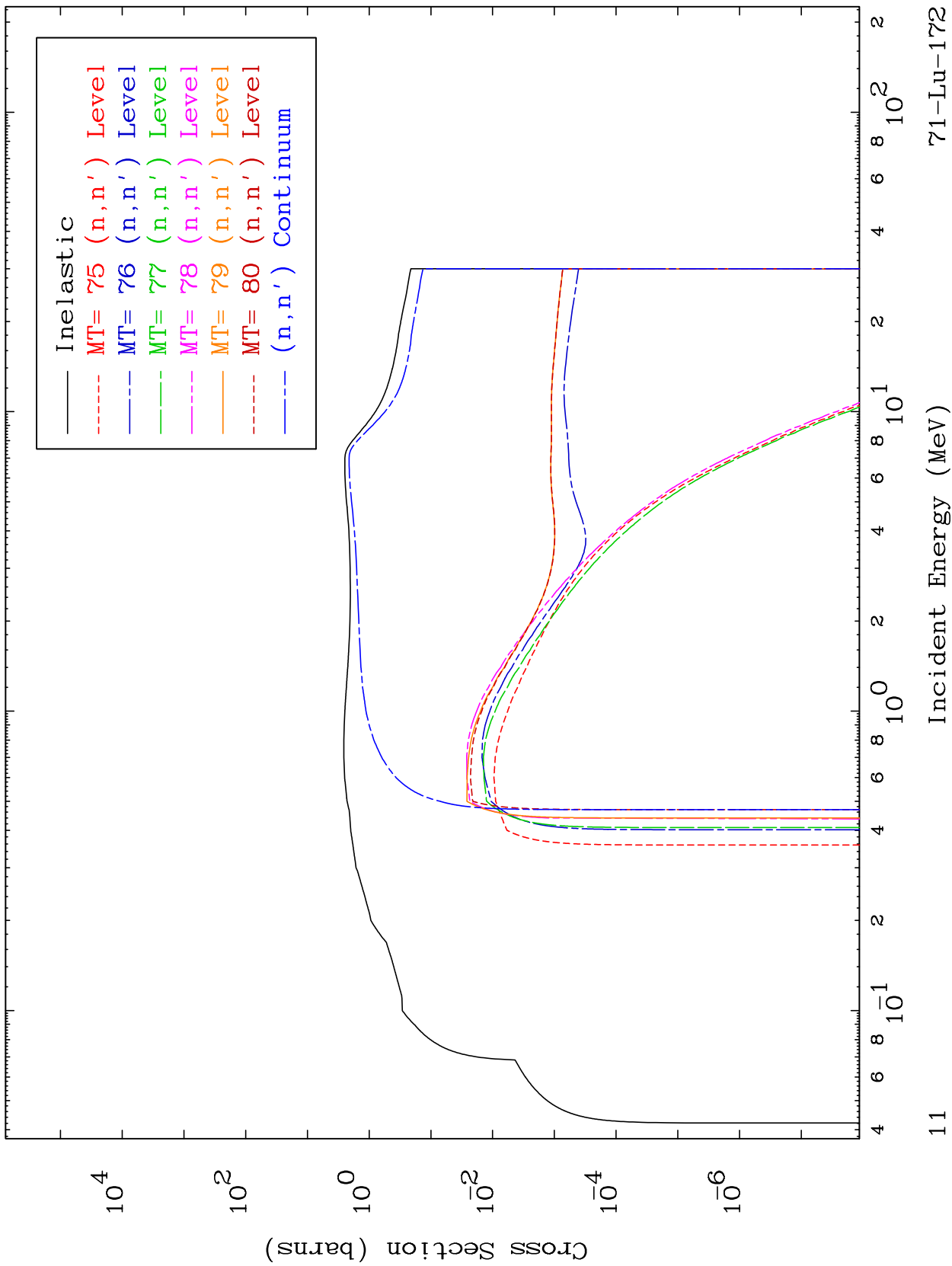
293 Kelvin Cross Sections



10

Incident Energy (MeV)

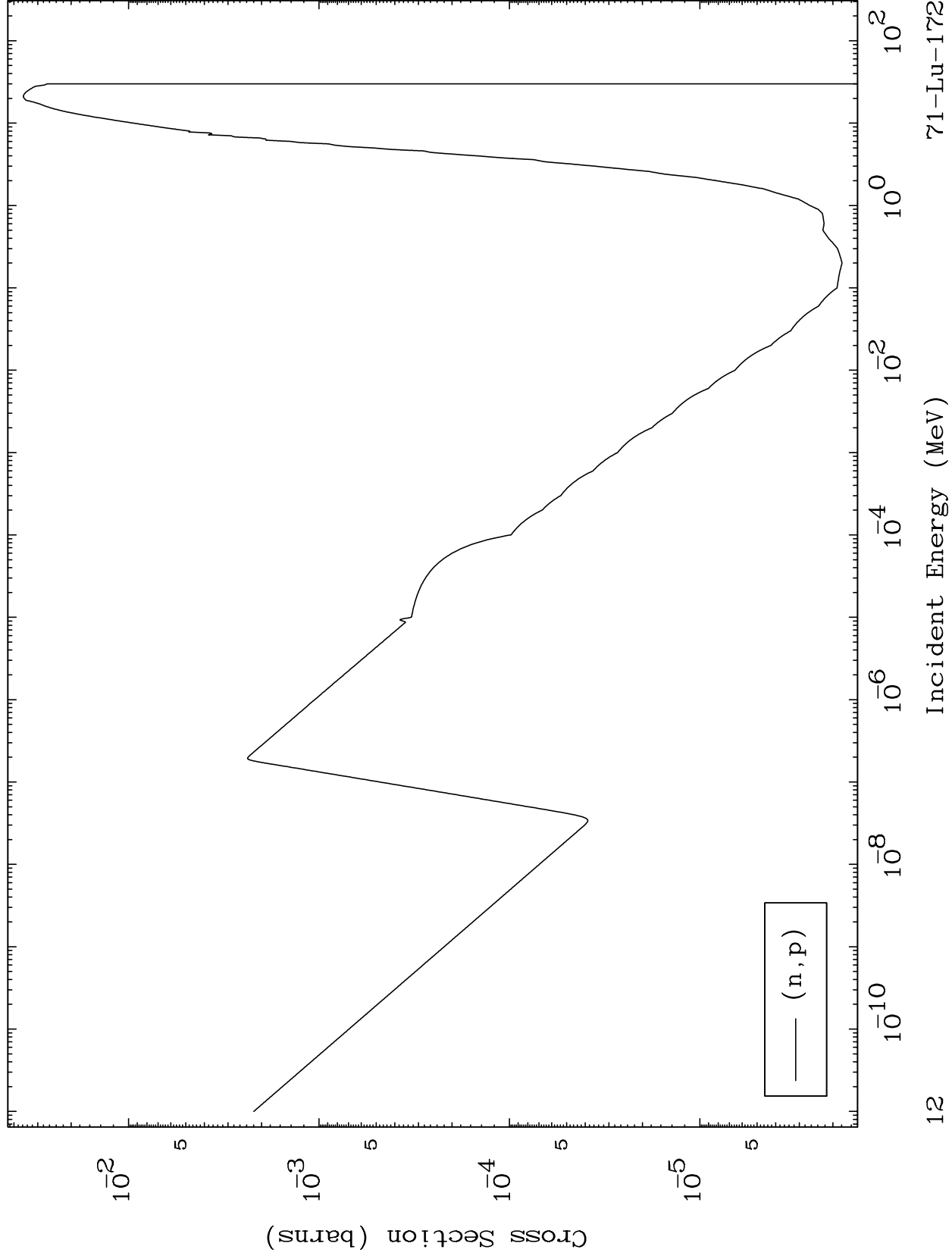
71-Lu-172



MAT 7116

(n,p) Levels
293 Kelvin Cross Sections

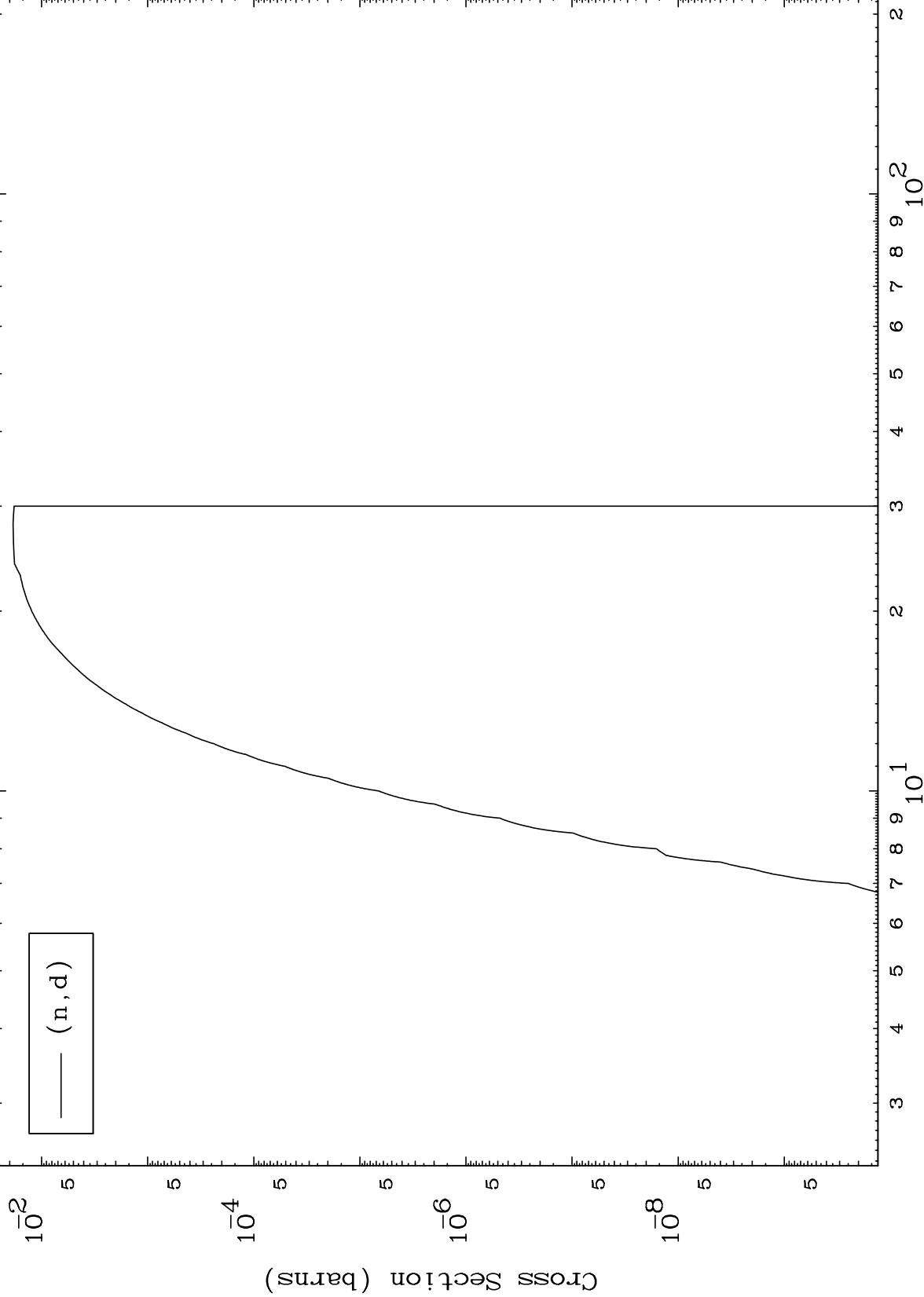
71-Lu-172



MAT 7116

(n,d) Levels
293 Kelvin Cross Sections

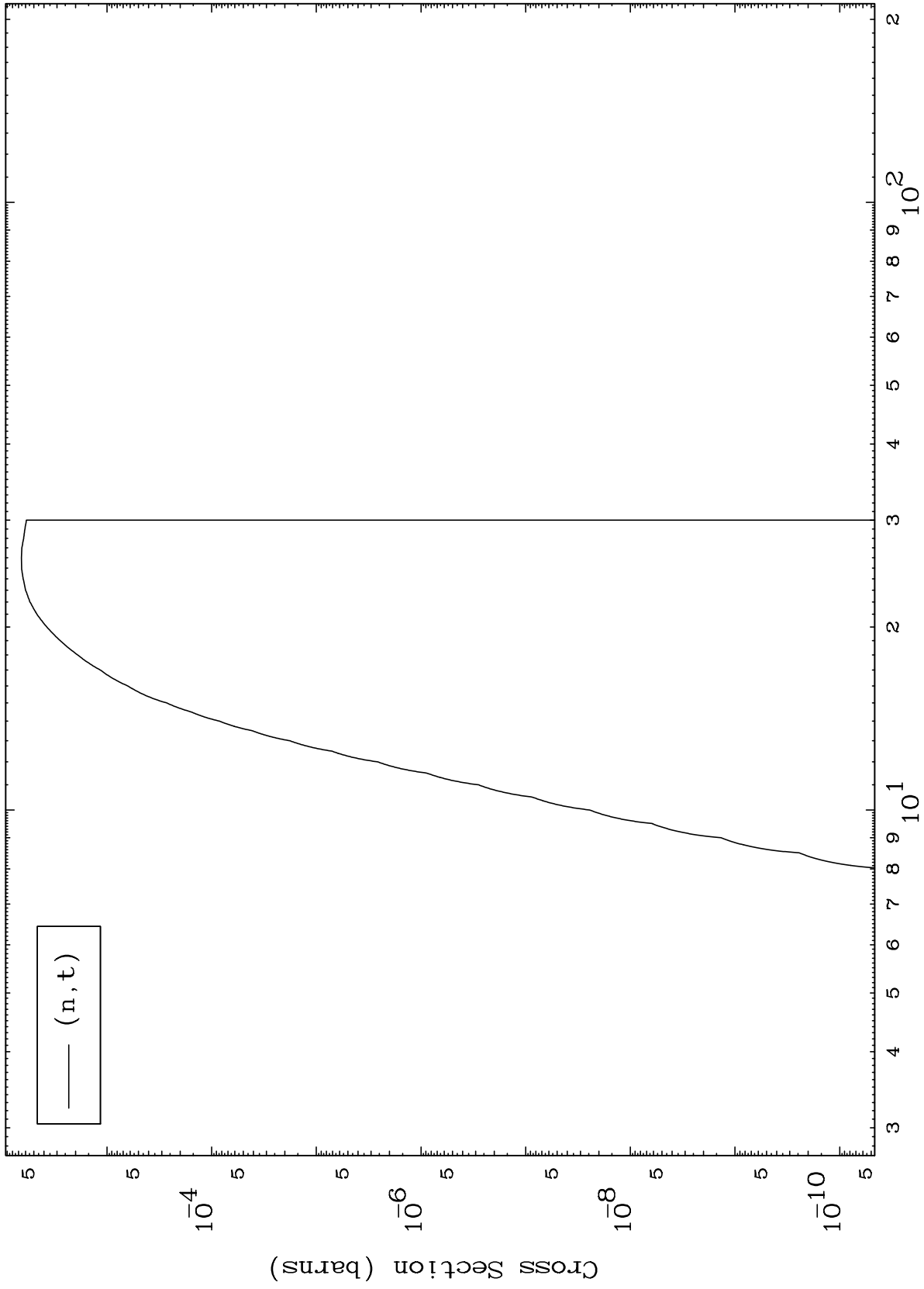
71-Lu-172



MAT 71116

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-172



14

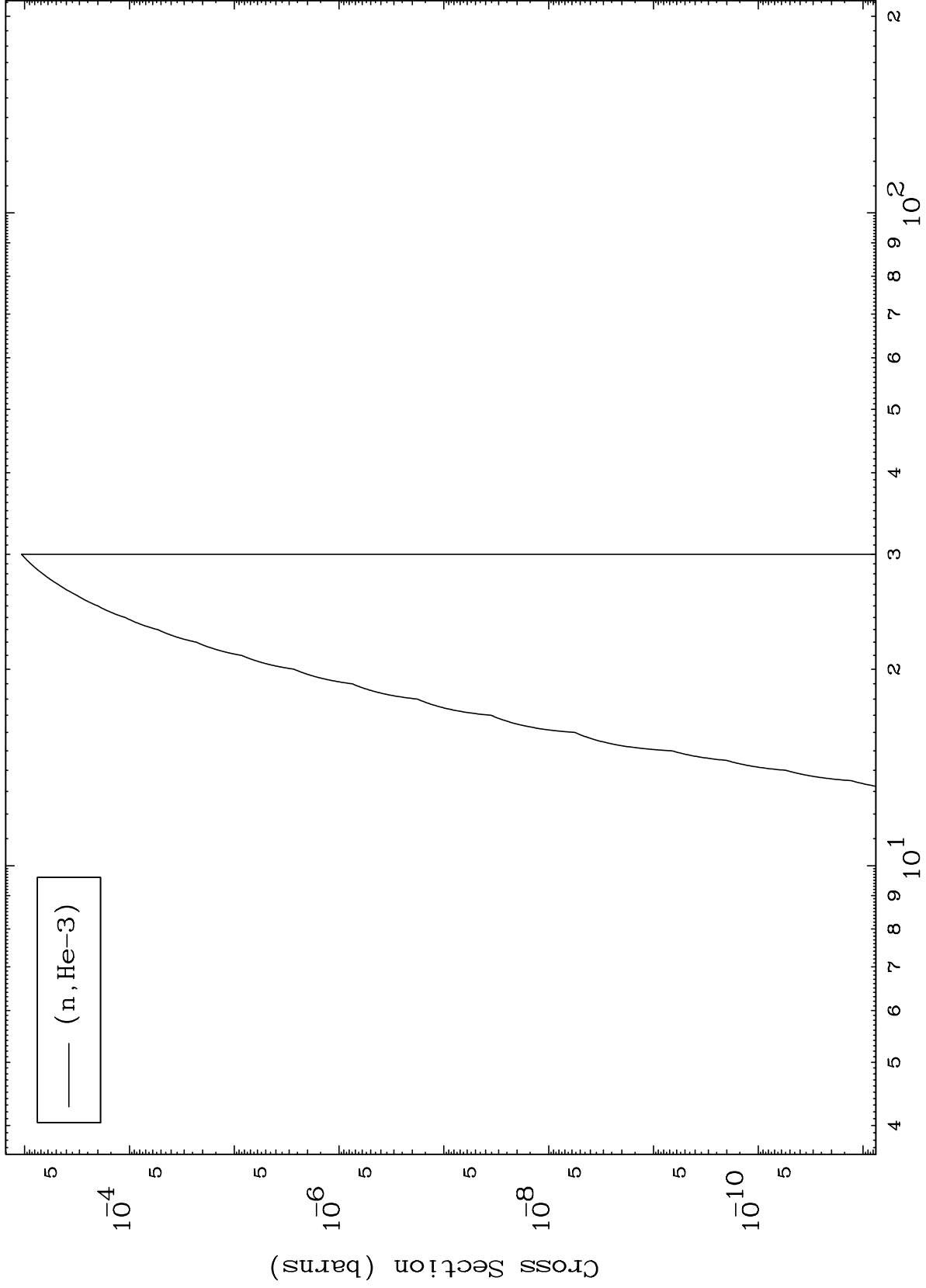
Incident Energy (MeV)

71-Lu-172

MAT 7116

(n,He3) Levels
293 Kelvin Cross Sections

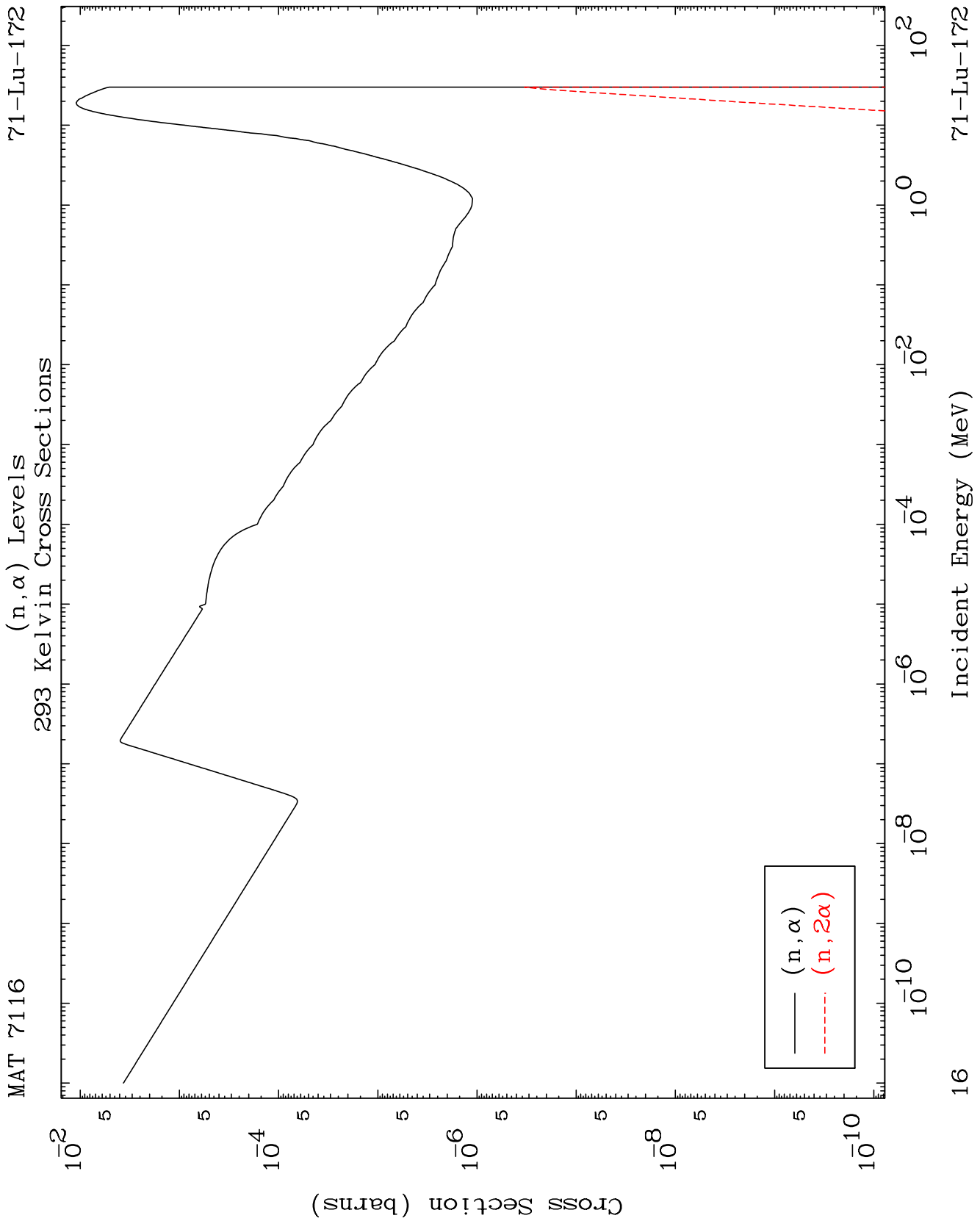
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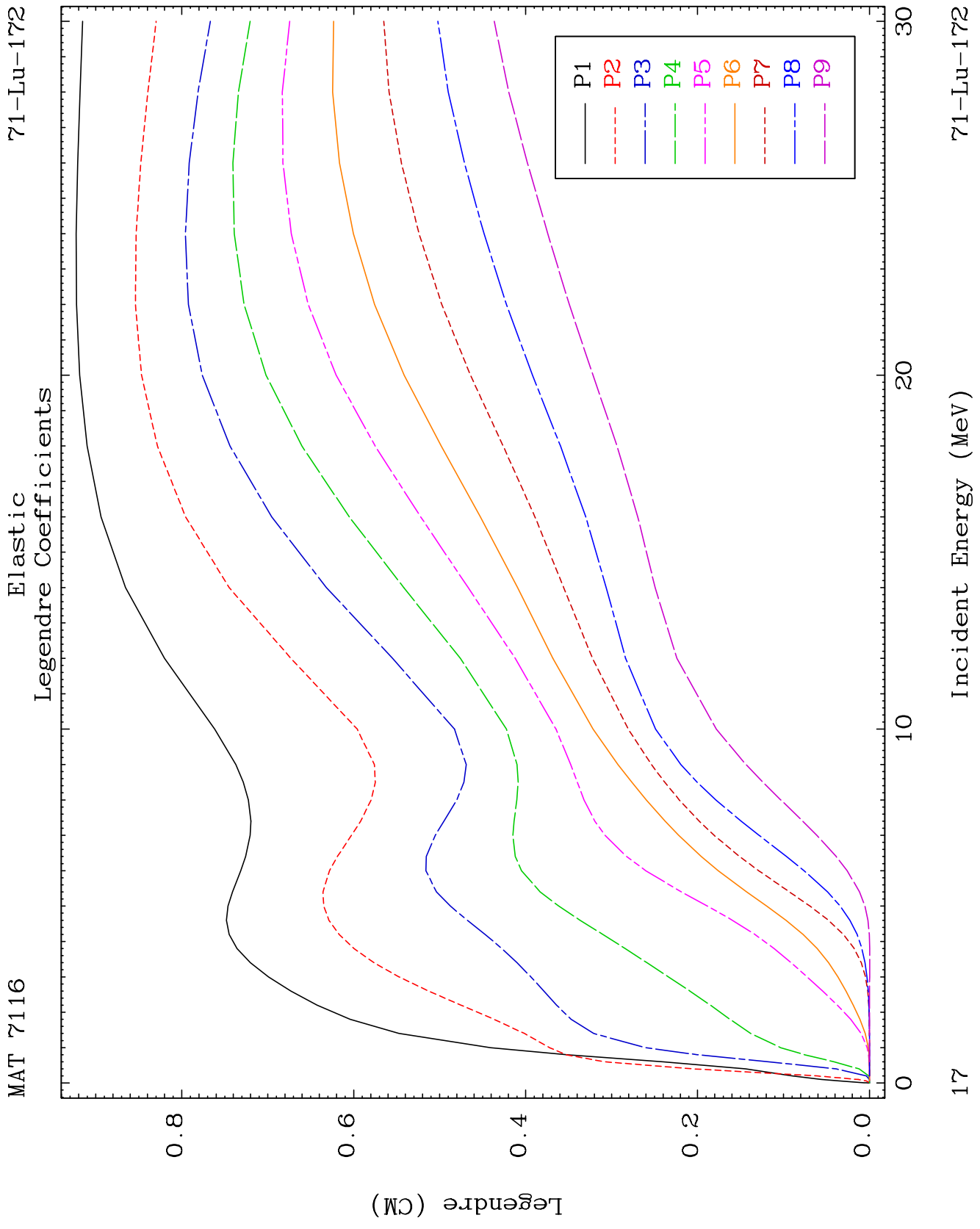


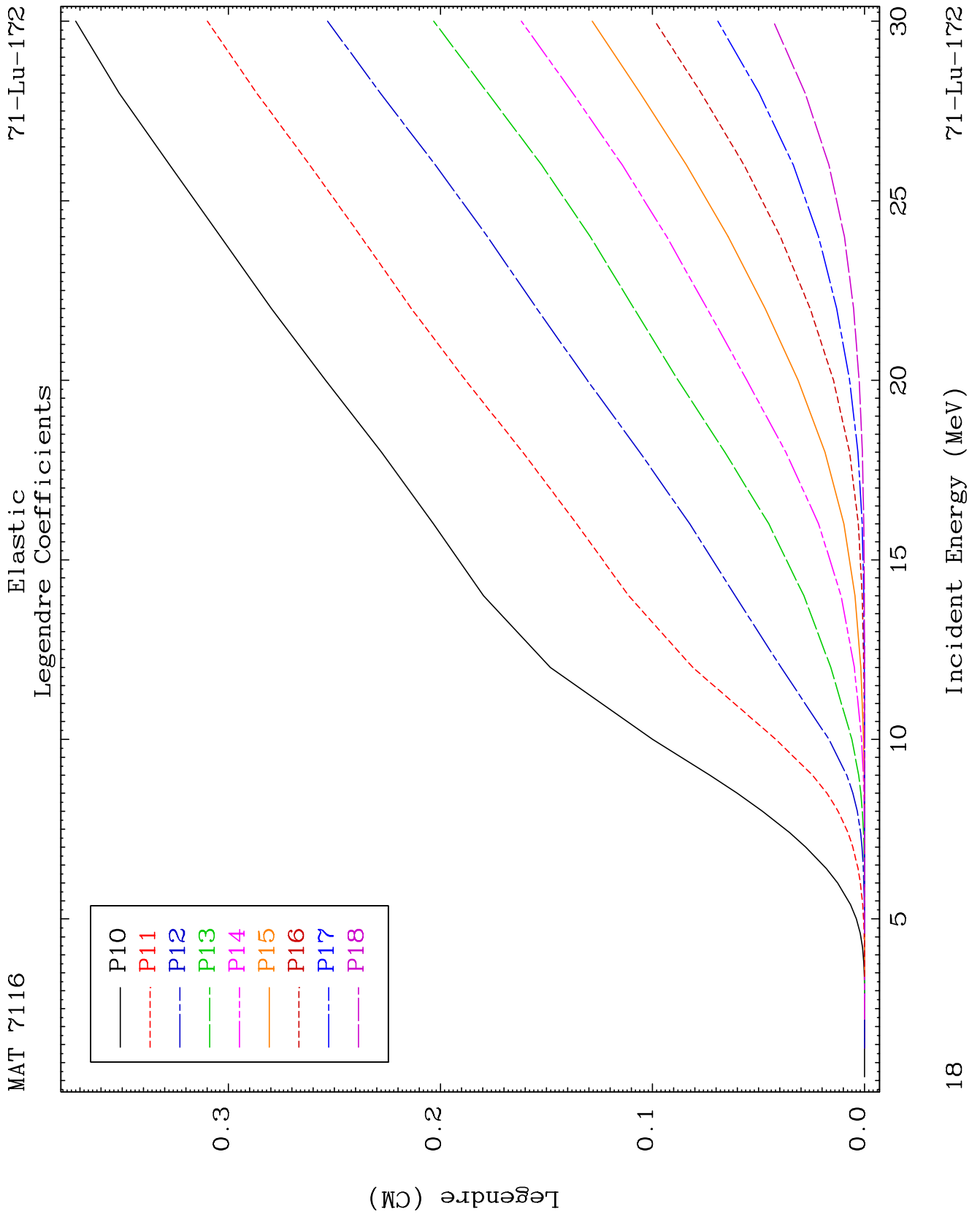
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Incident Energy (MeV)

71-Lu-172



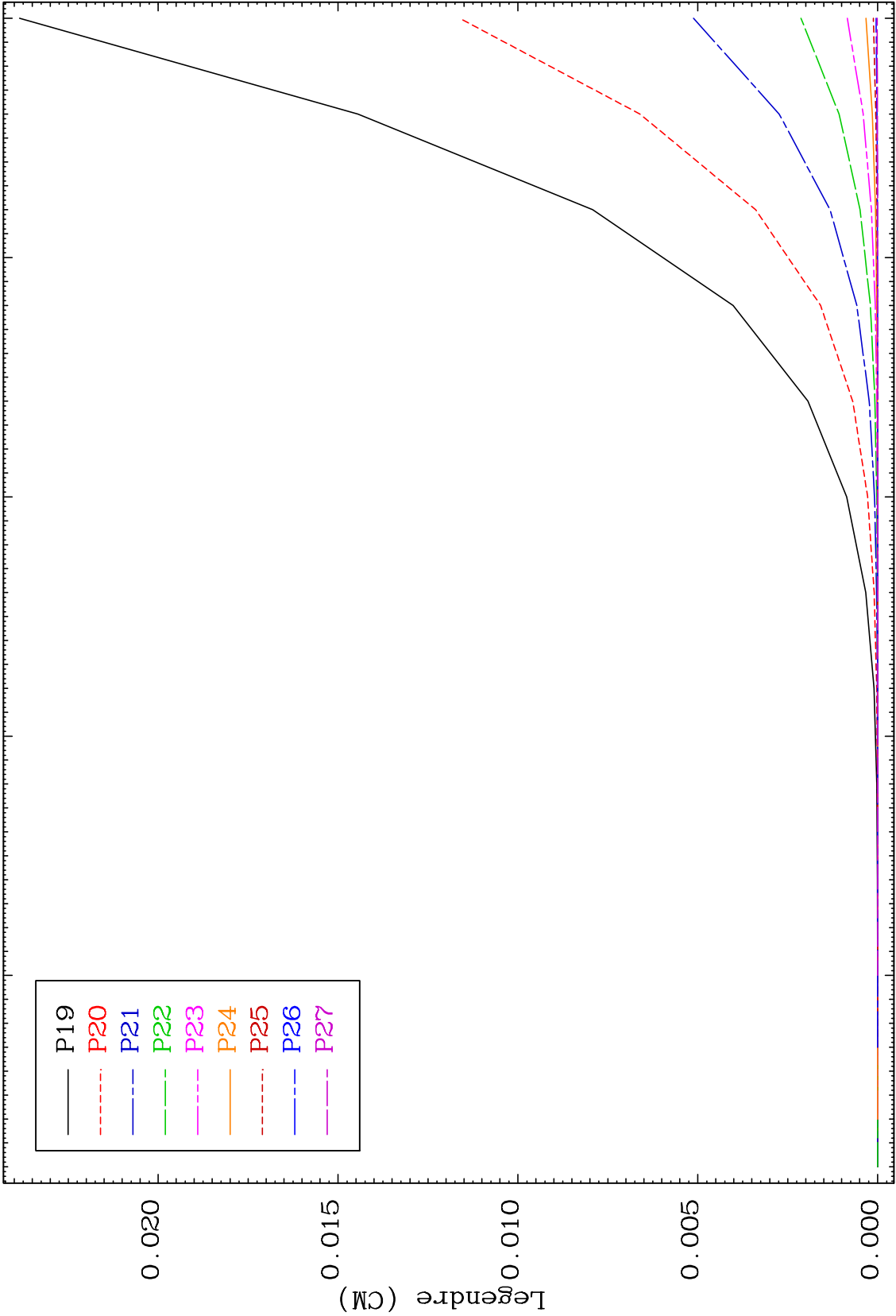




MAT 7116

Elastic Legendre Coefficients

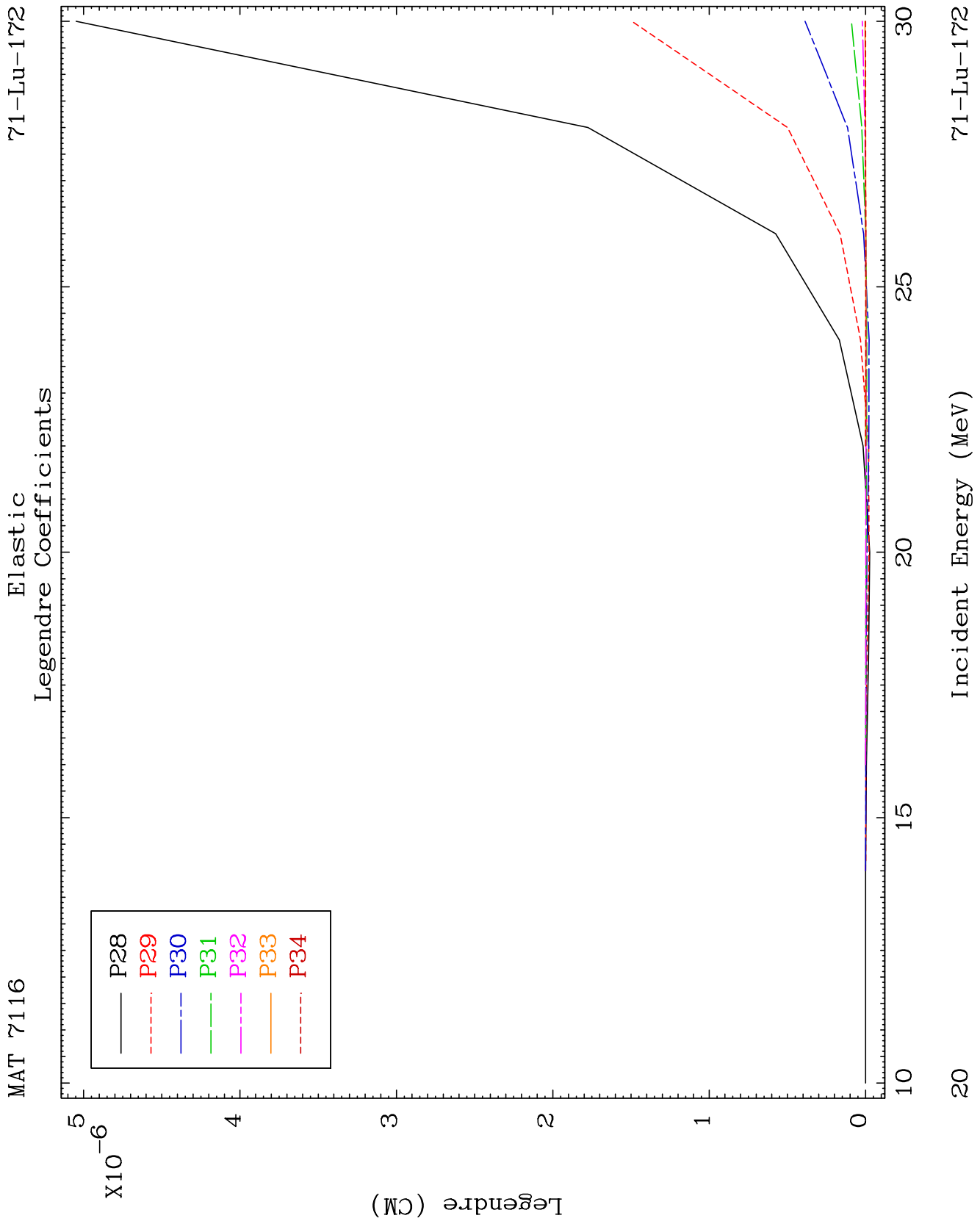
71-Lu-172



19

Incident Energy (MeV)

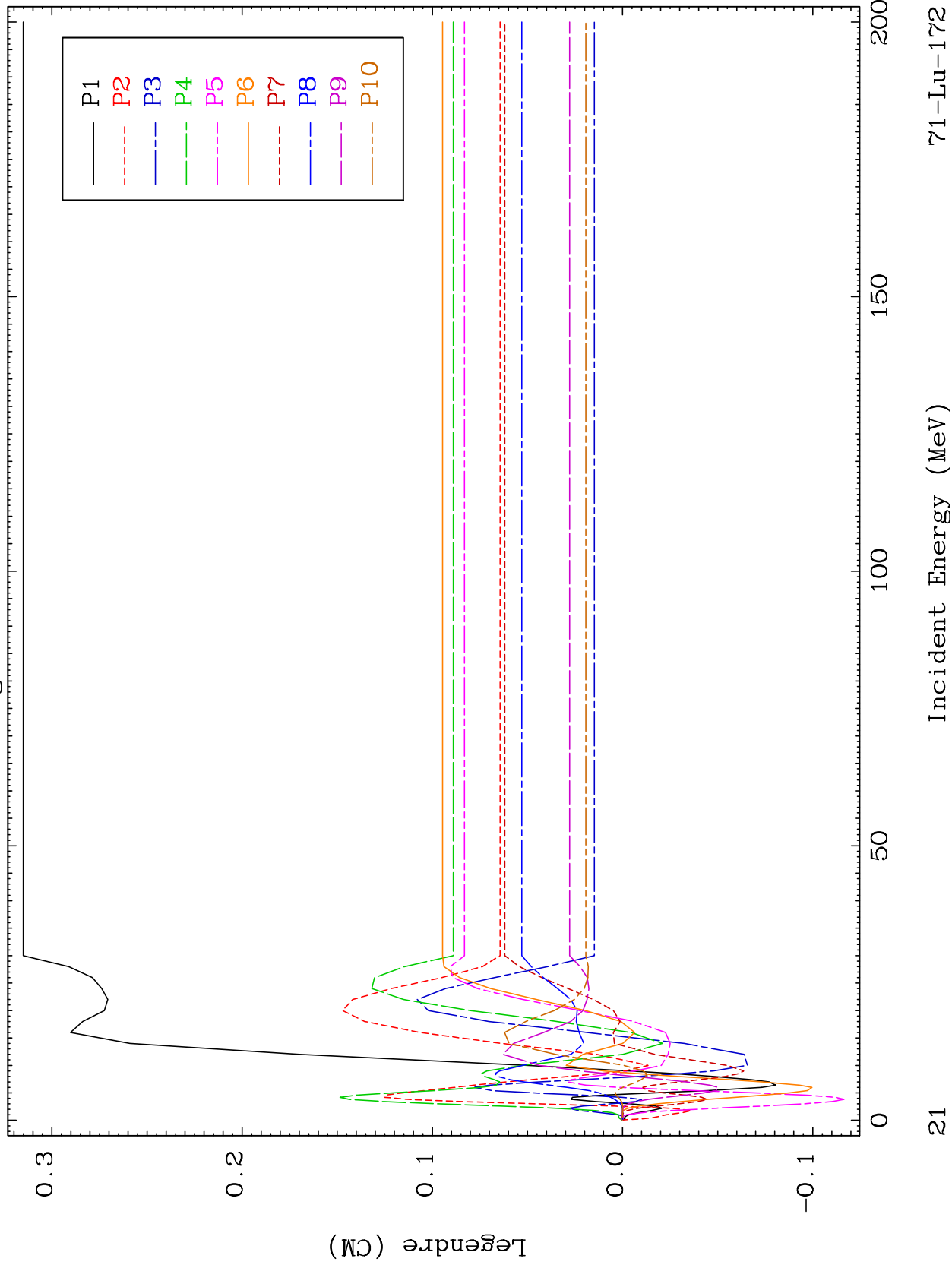
71-Lu-172



MAT 7116

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

71-Lu-172



71-Lu-172

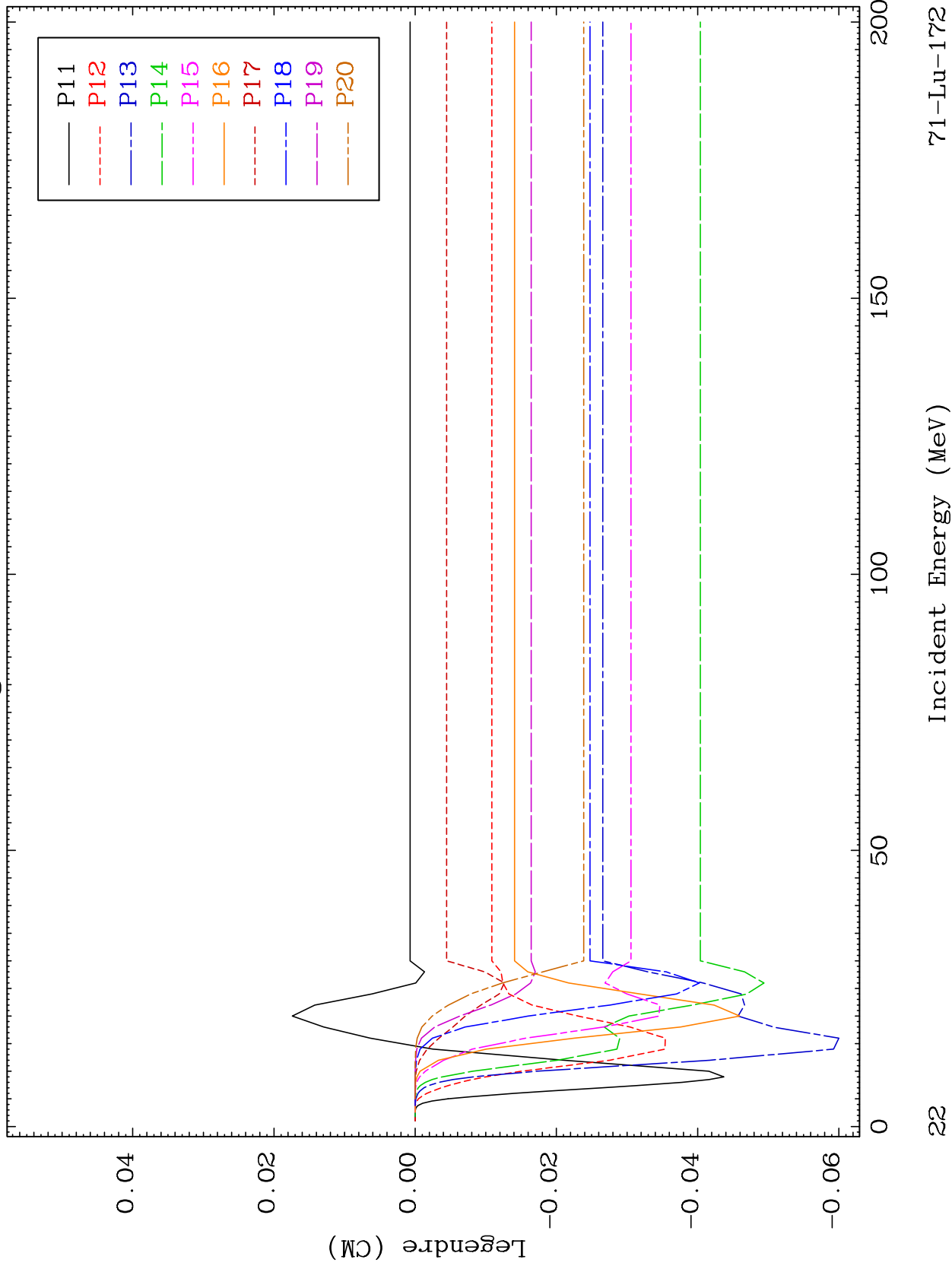
Incident Energy (MeV)

21

MAT 7116

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

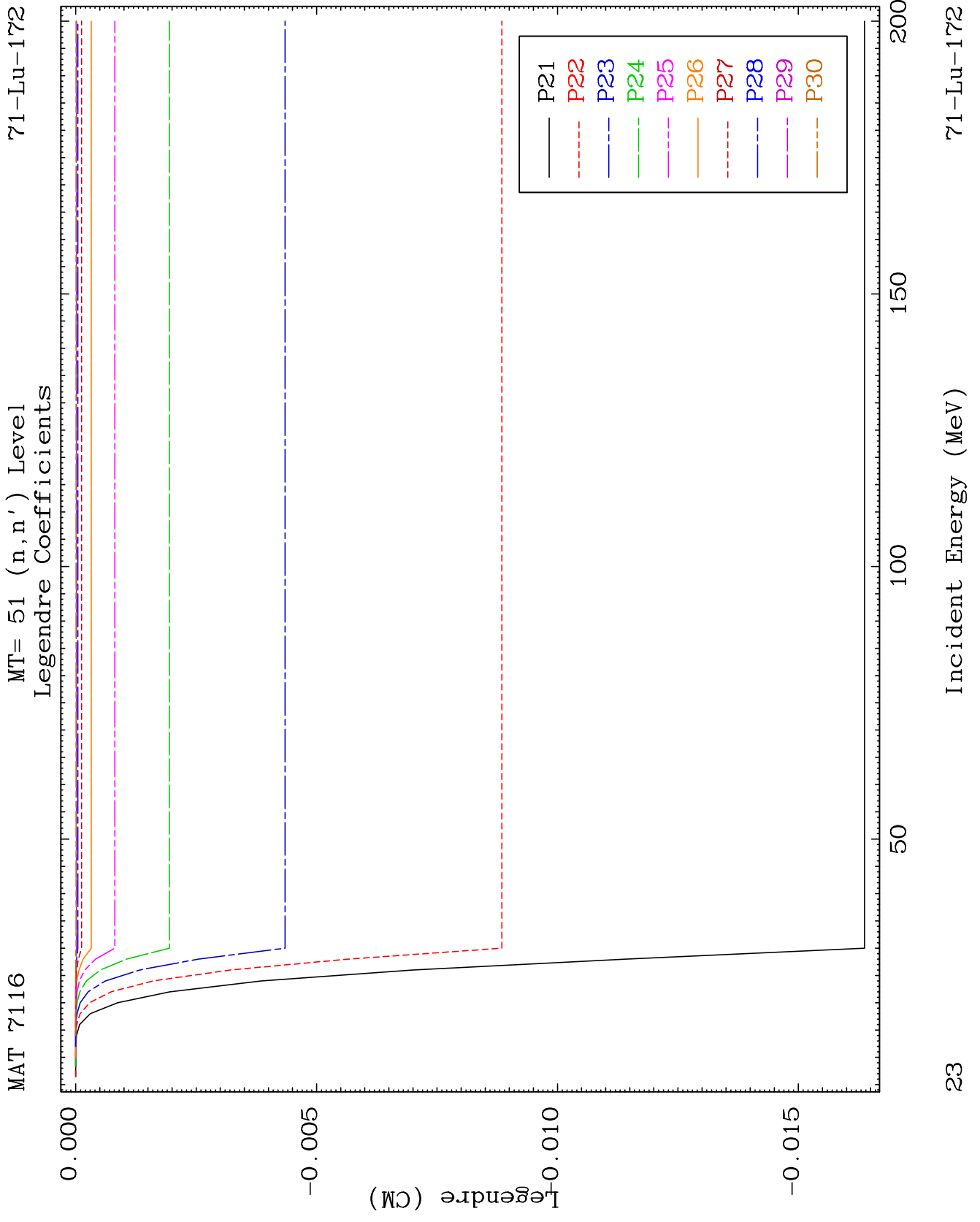
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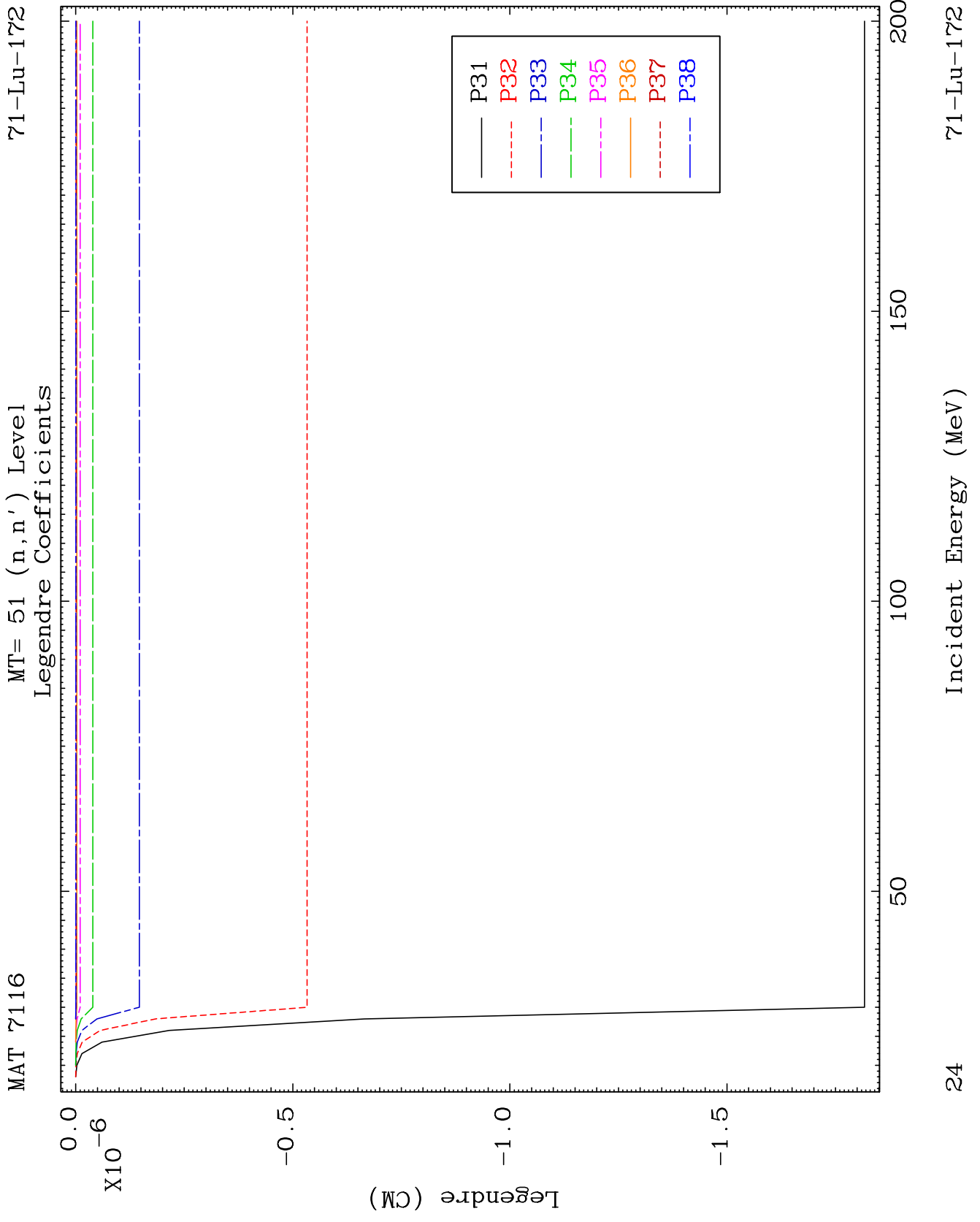


71-Lu-172

Incident Energy (MeV)

22

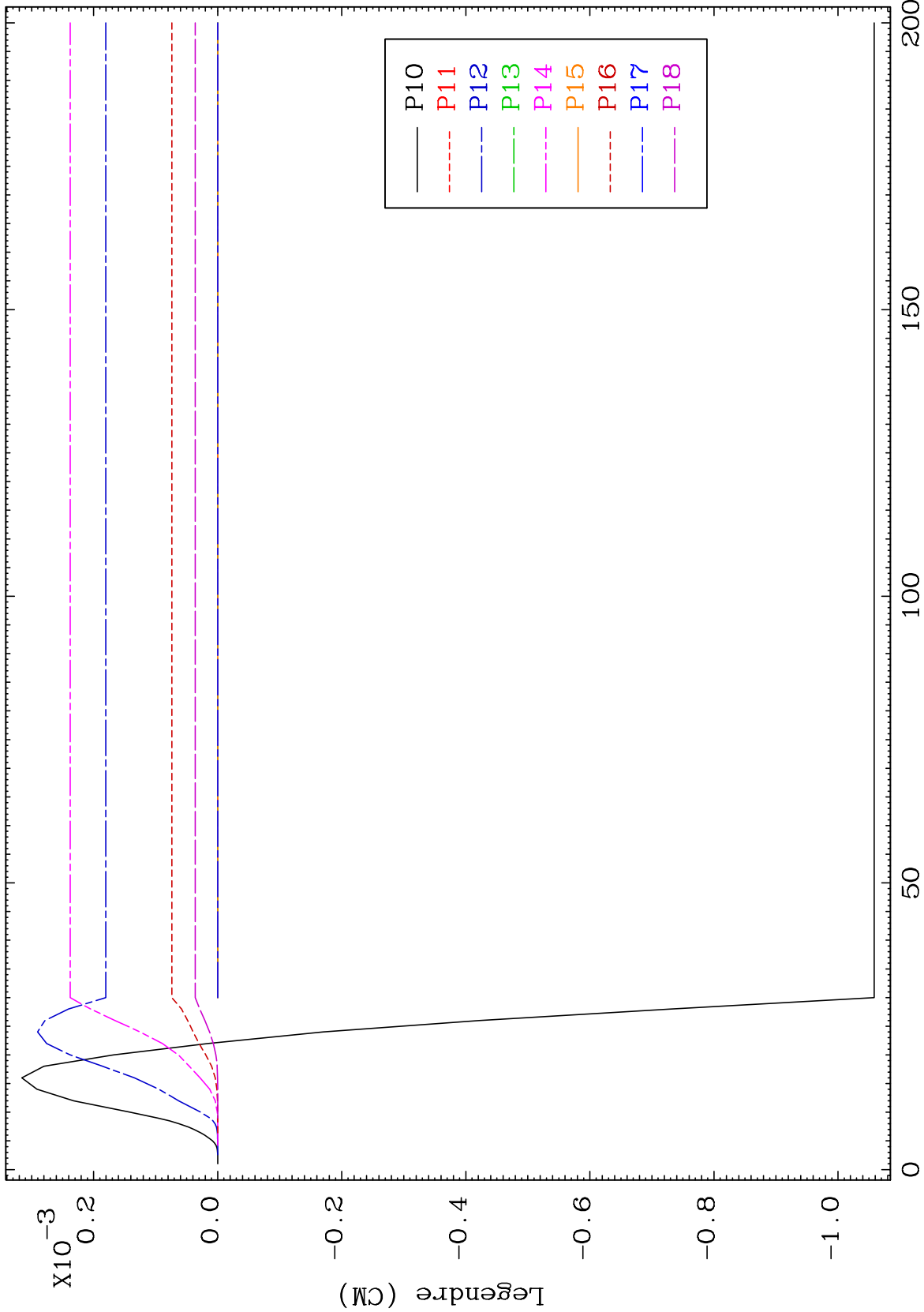




MAT 7116

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

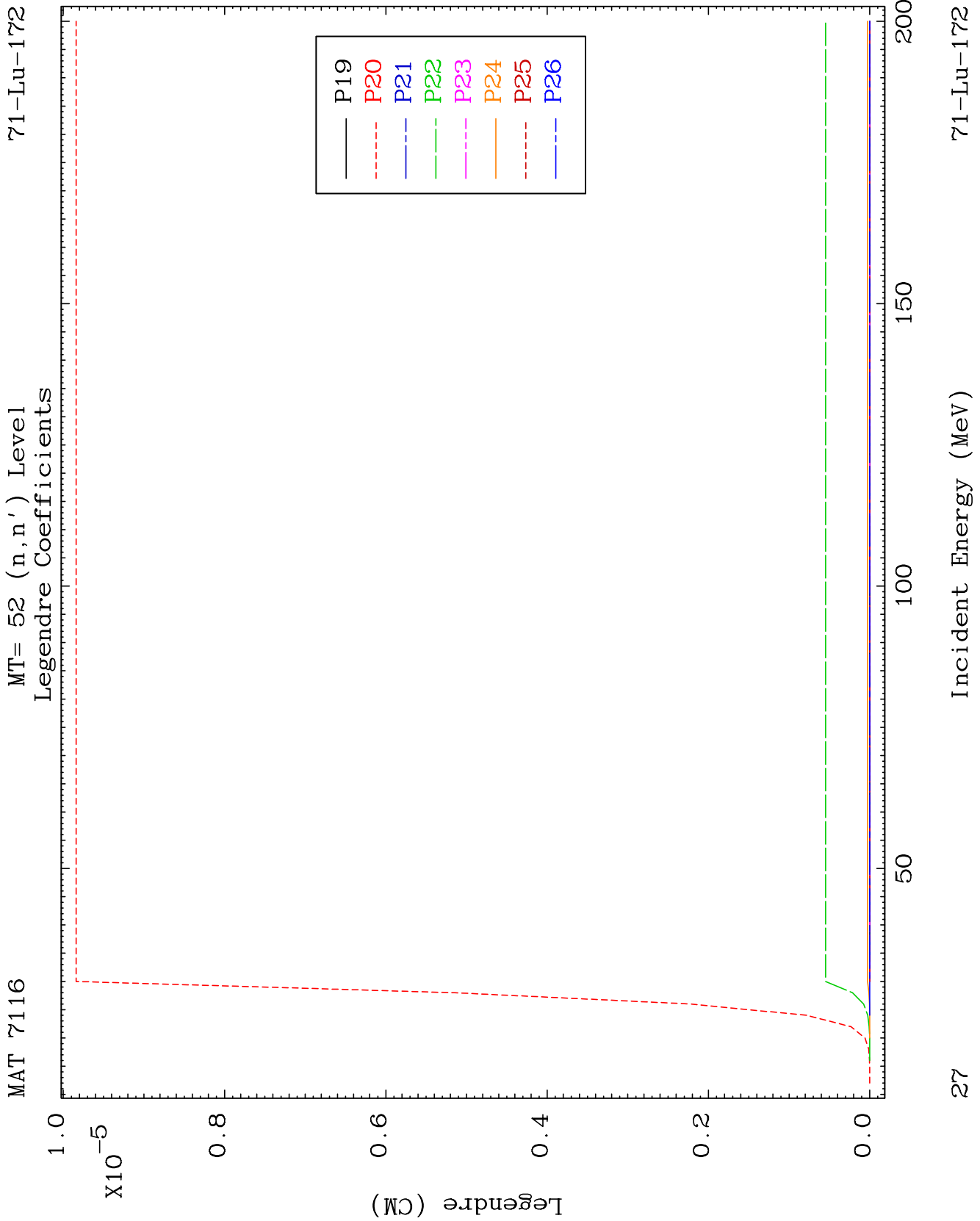
71-Lu-172



26

Incident Energy (MeV)

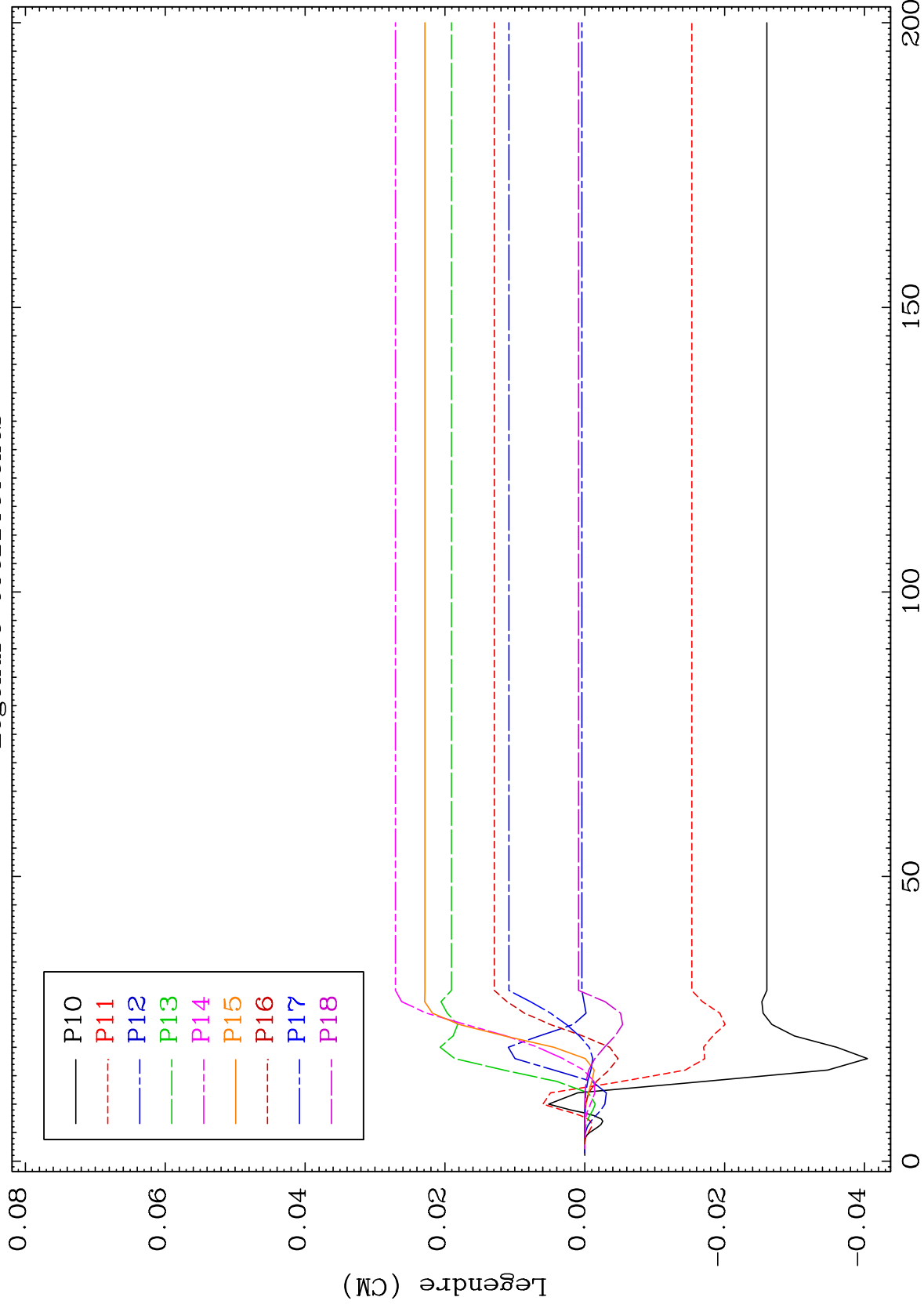
71-Lu-172



MAT 7116

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

71-Lu-172



29

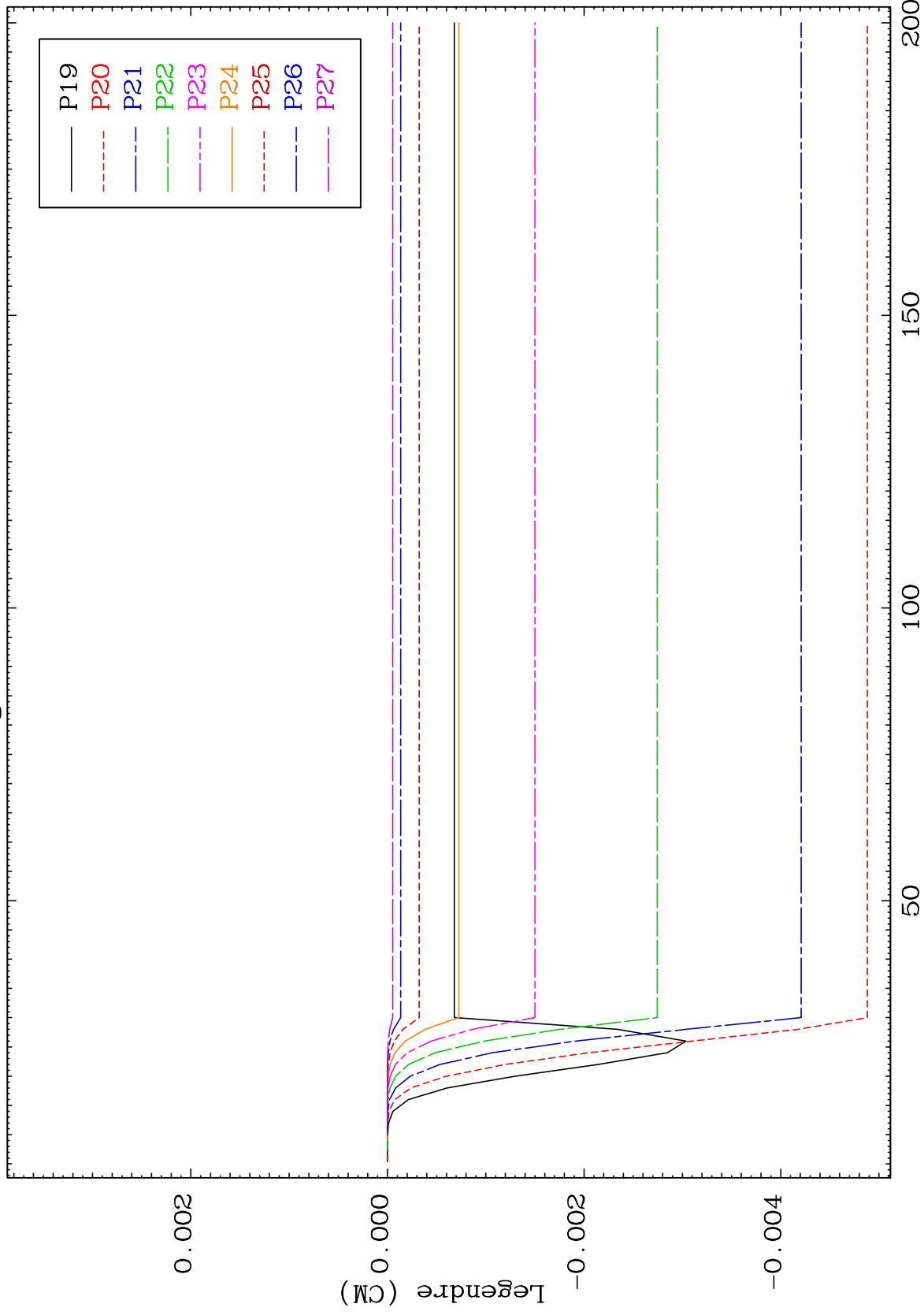
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

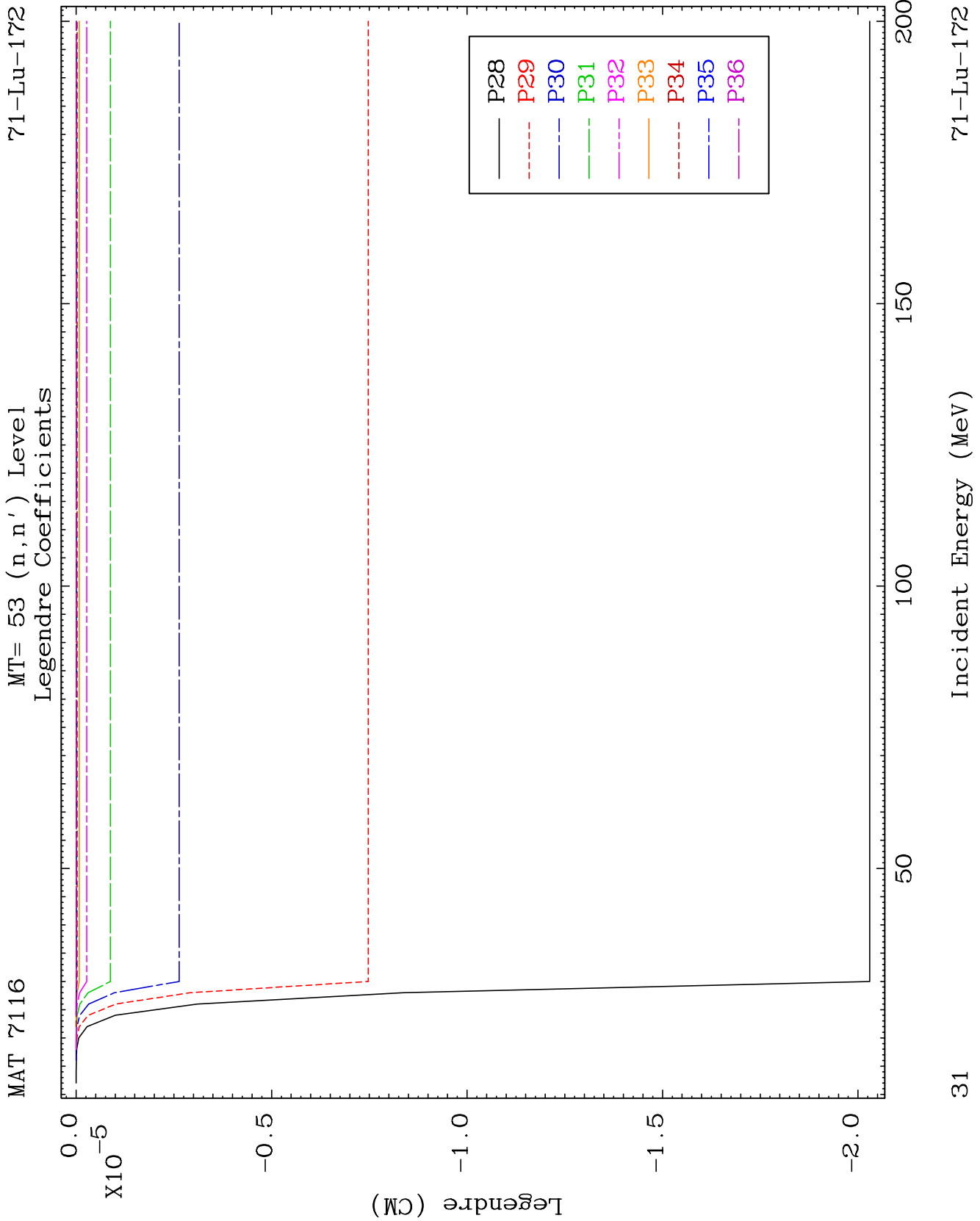
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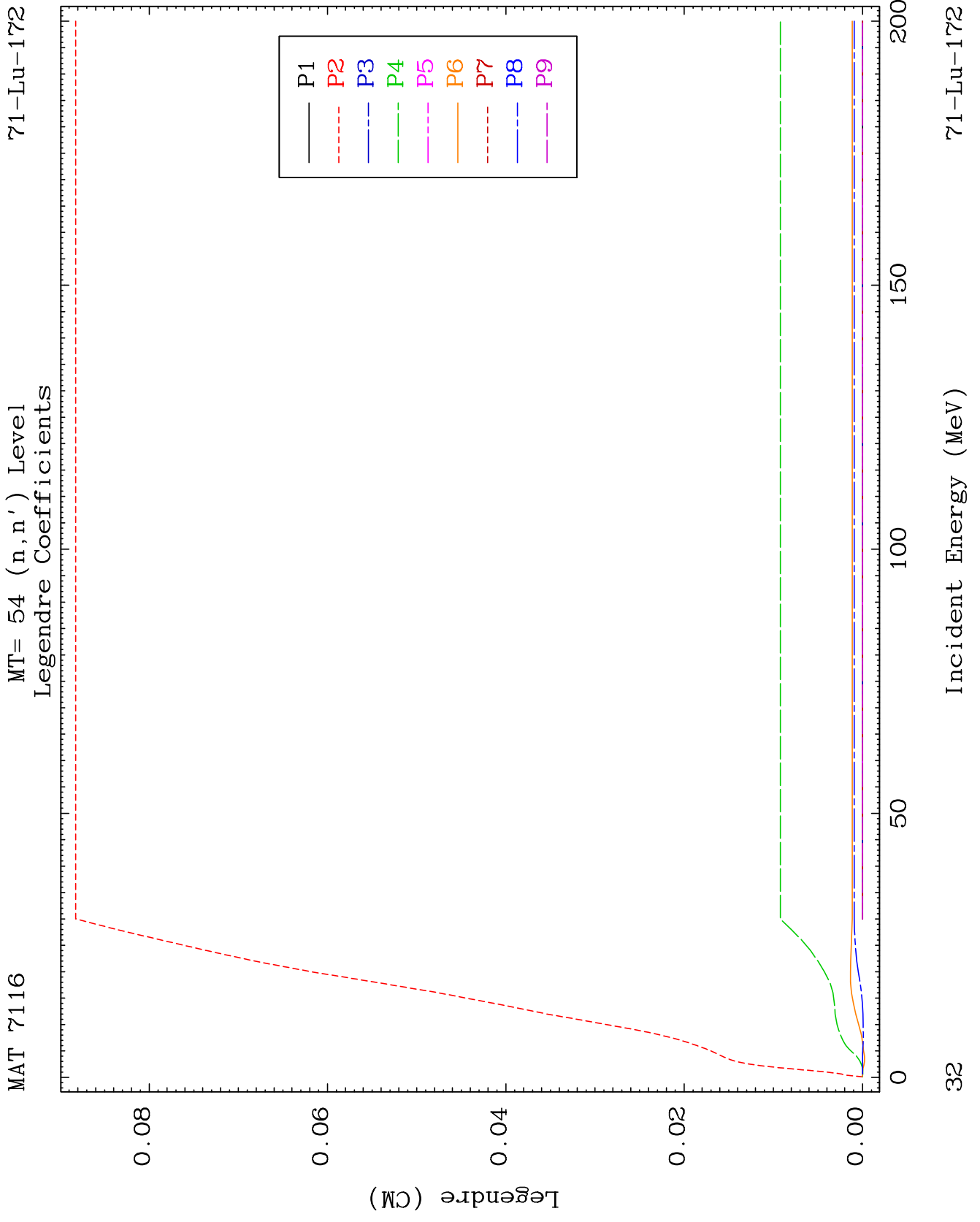


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Incident Energy (MeV)

71-Lu-172

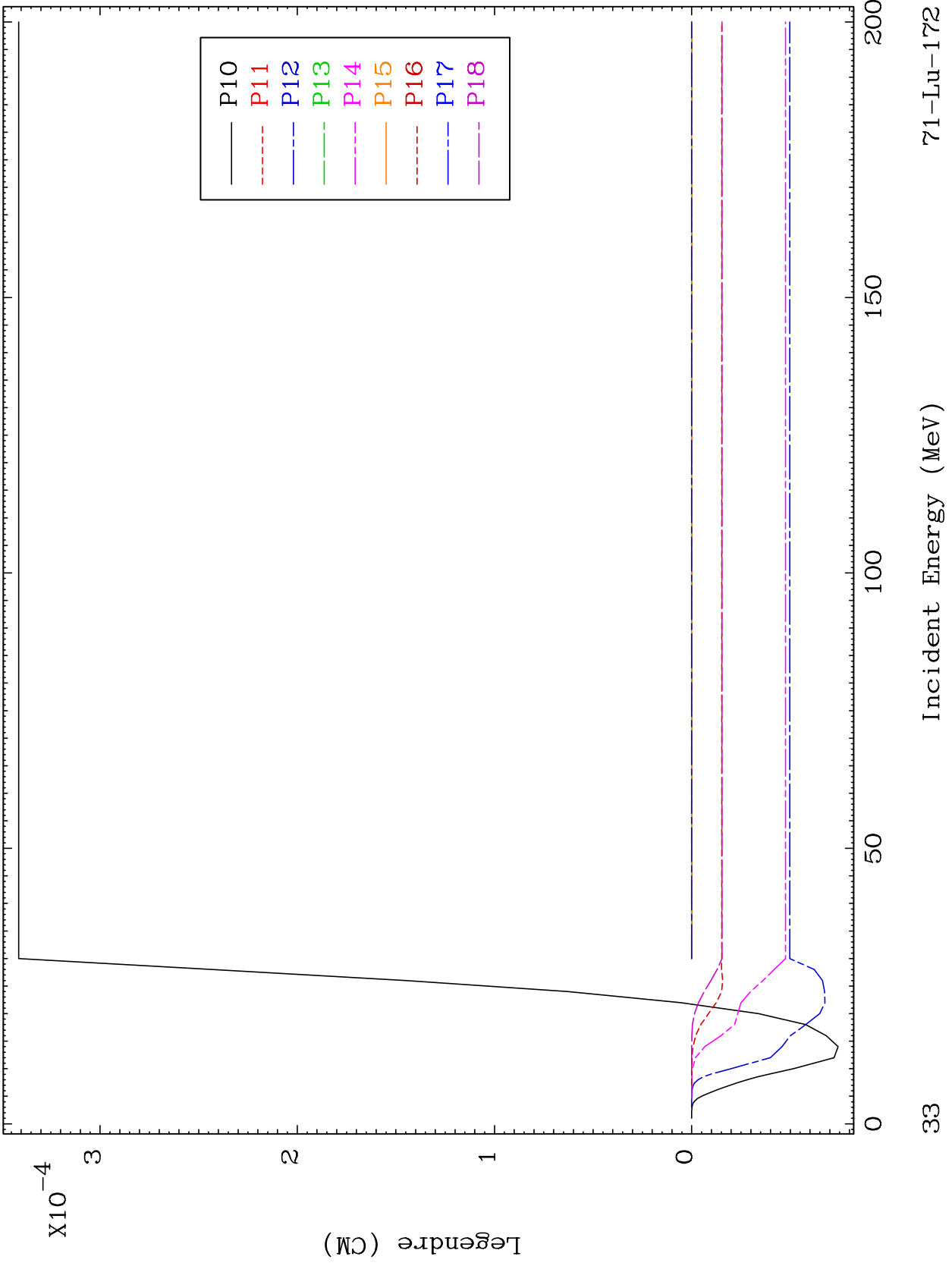


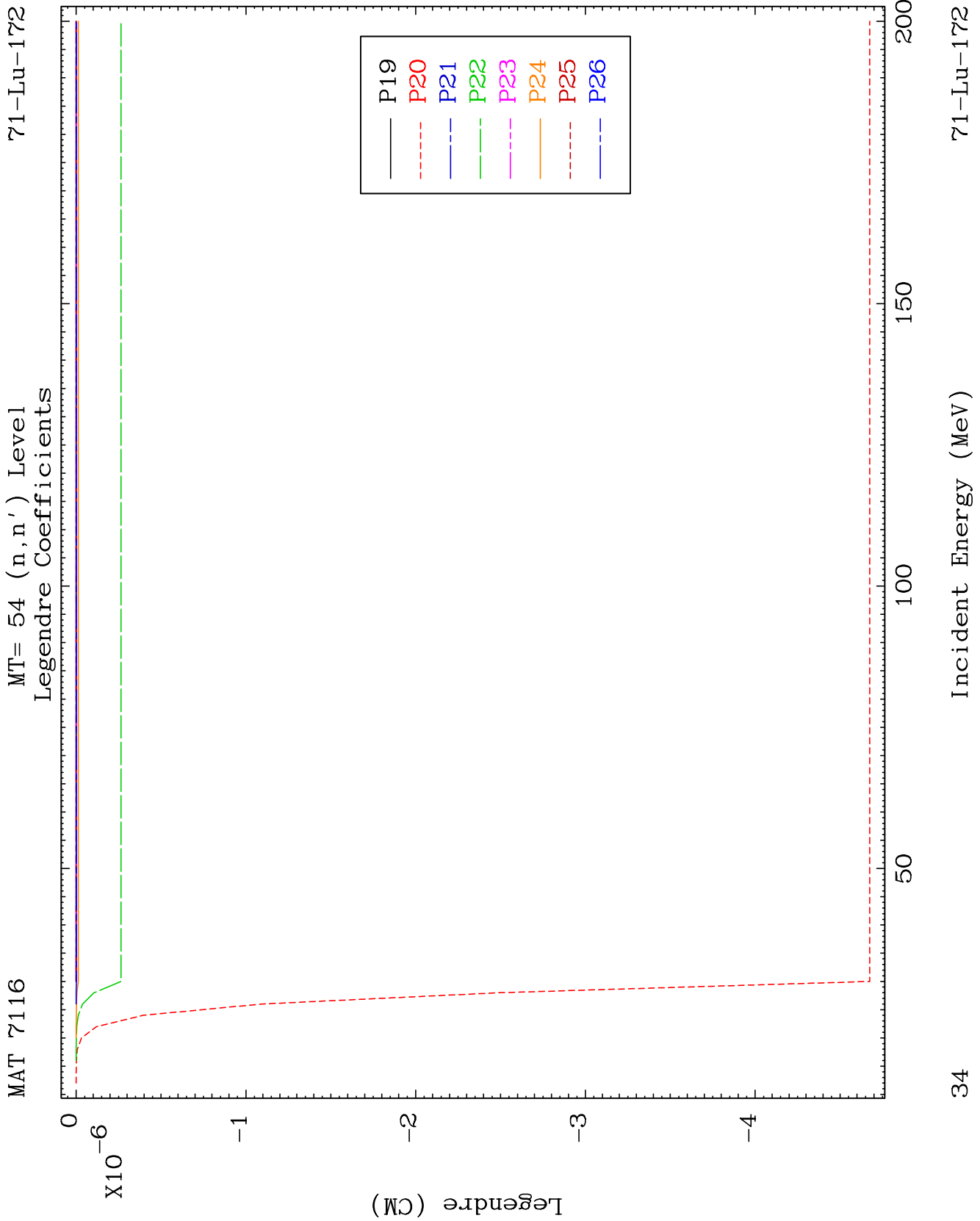


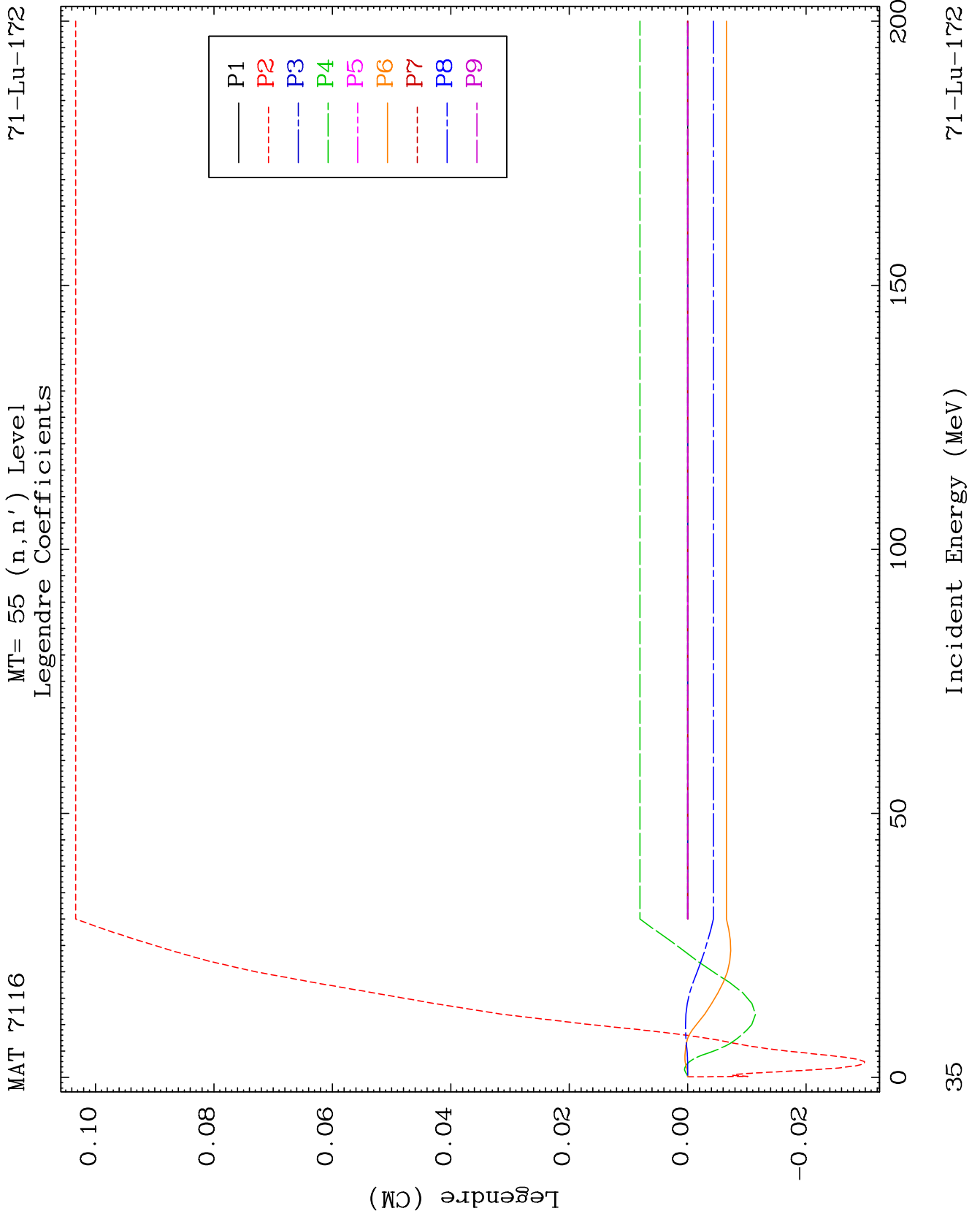
MAT 7116

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

71-Lu-172



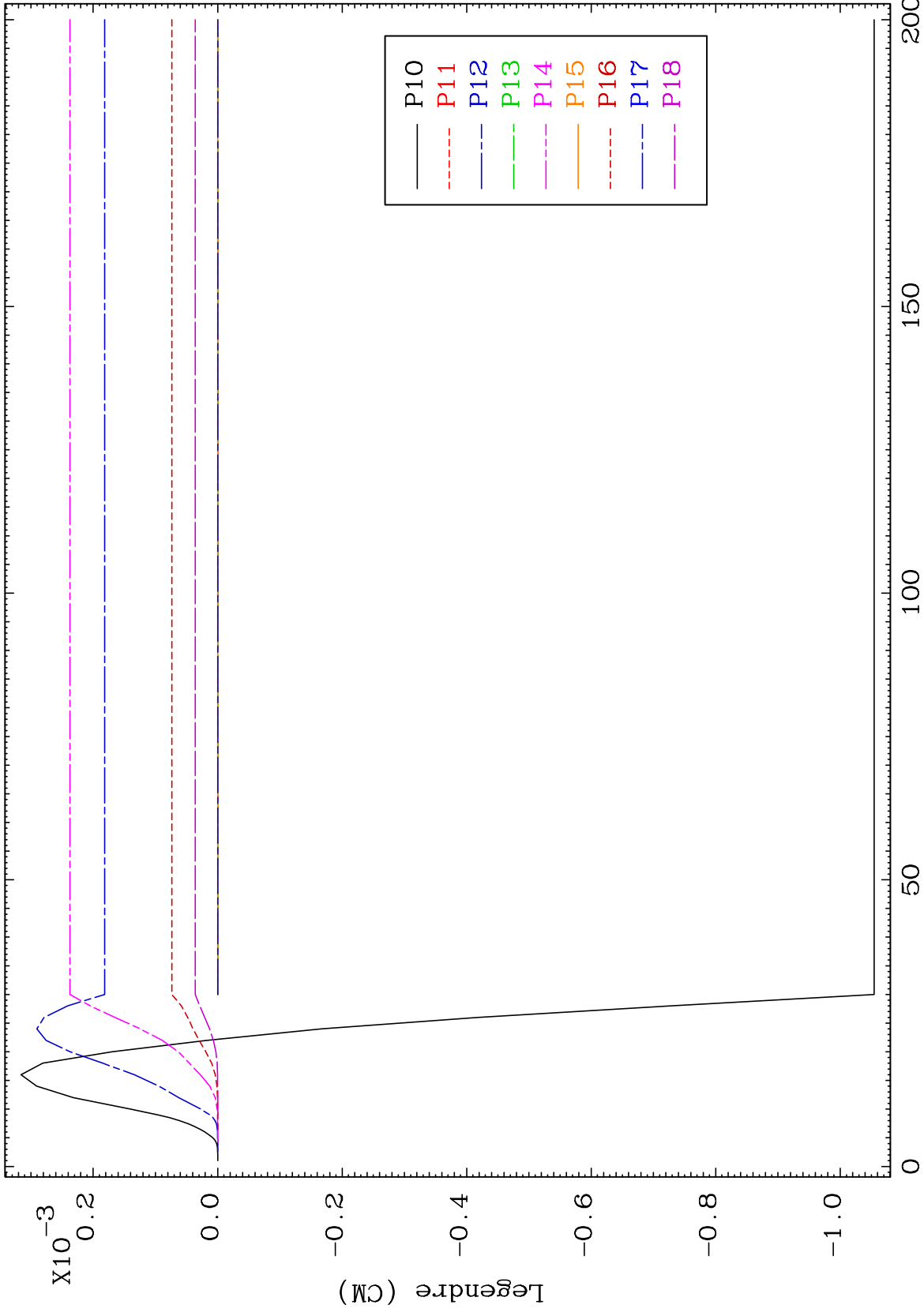




MAT 7116

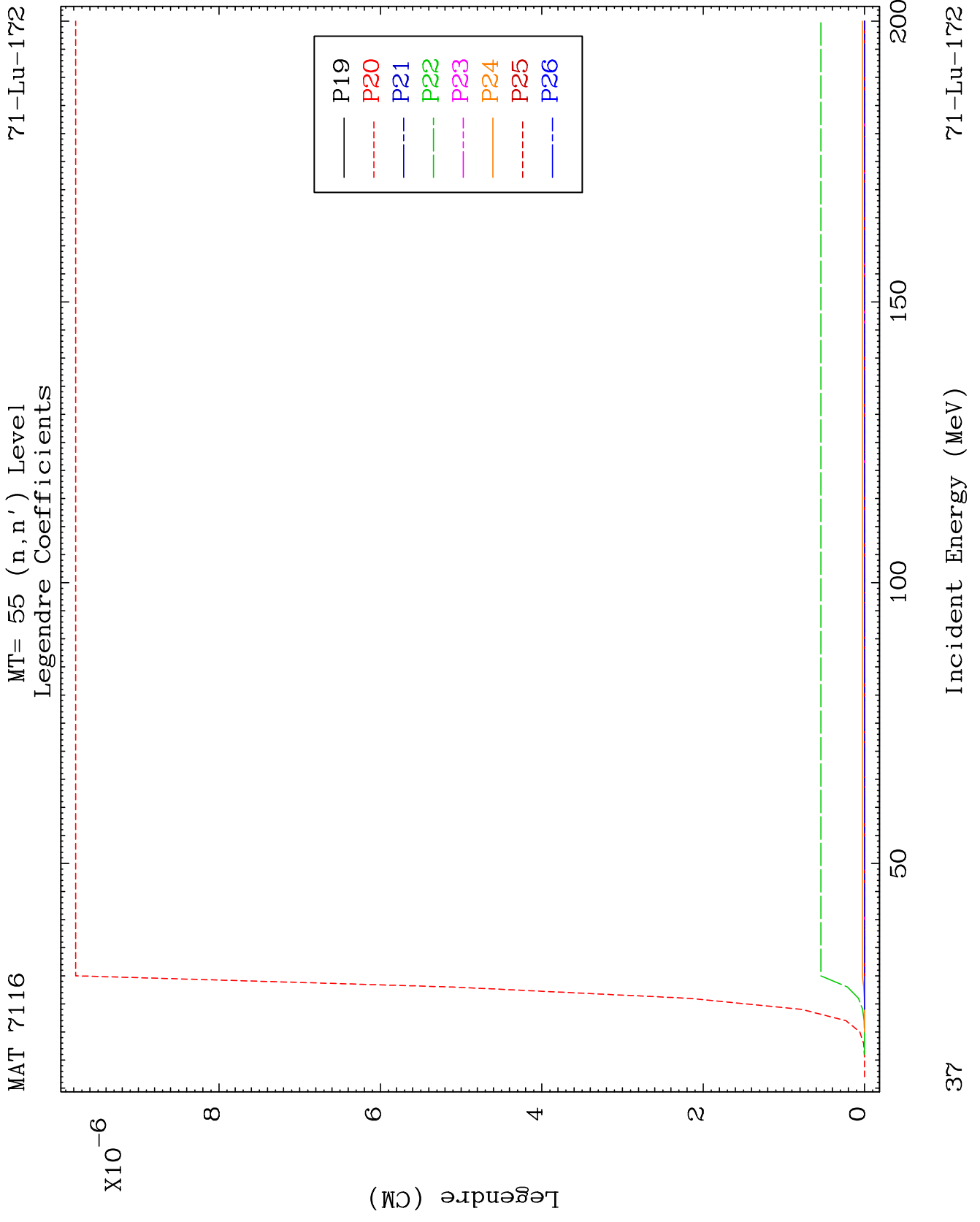
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Legendre Coefficients

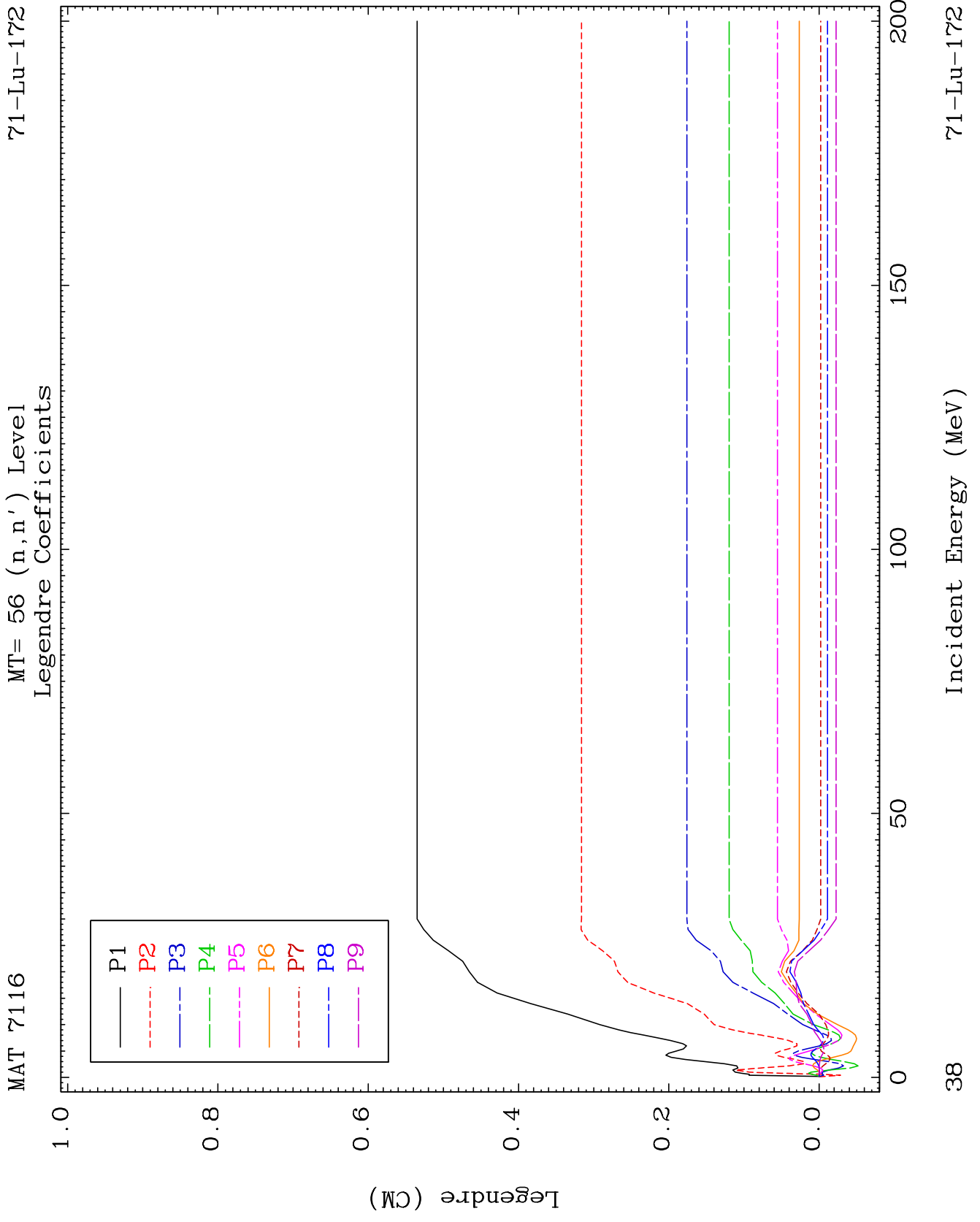
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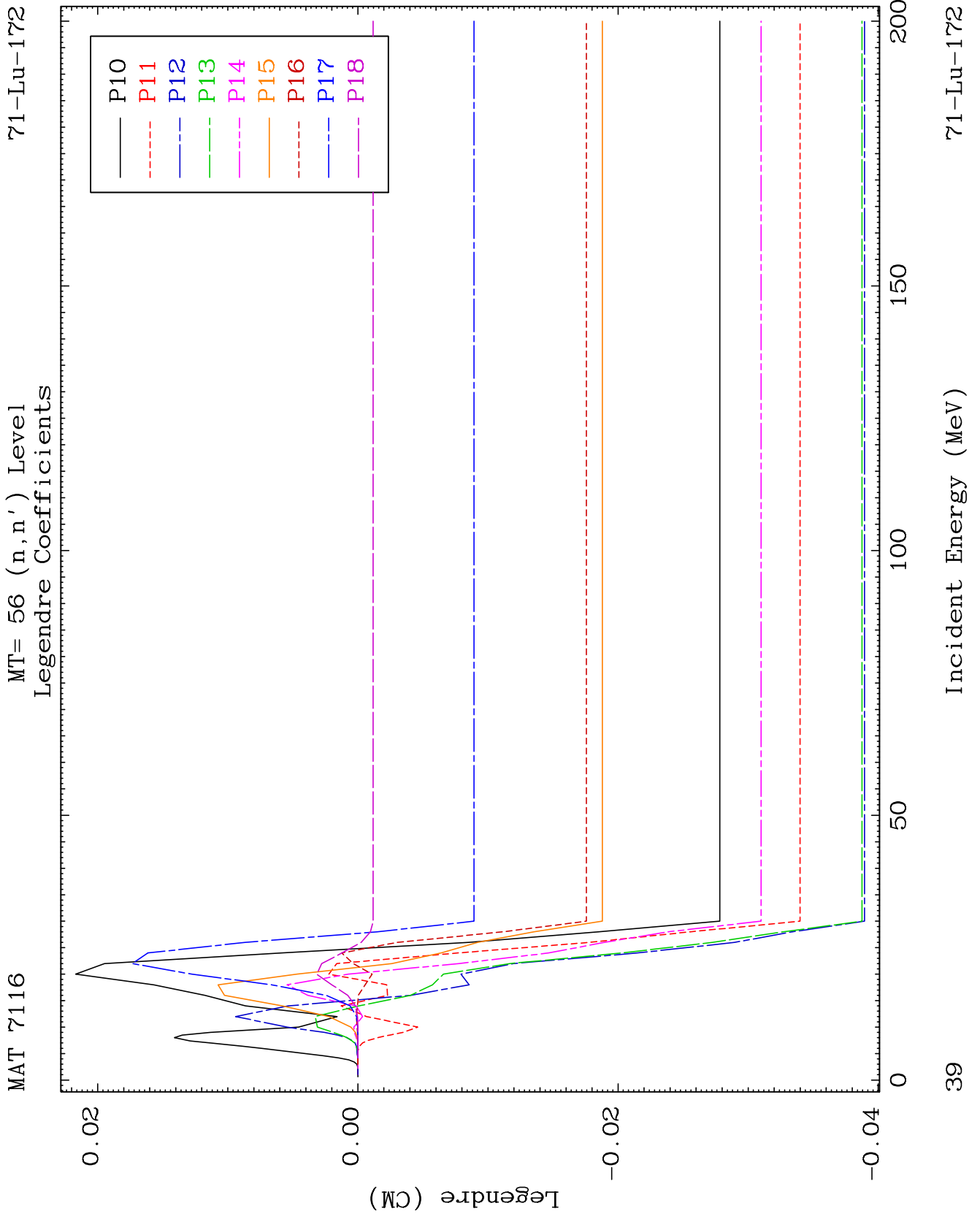


36

71-Lu-172



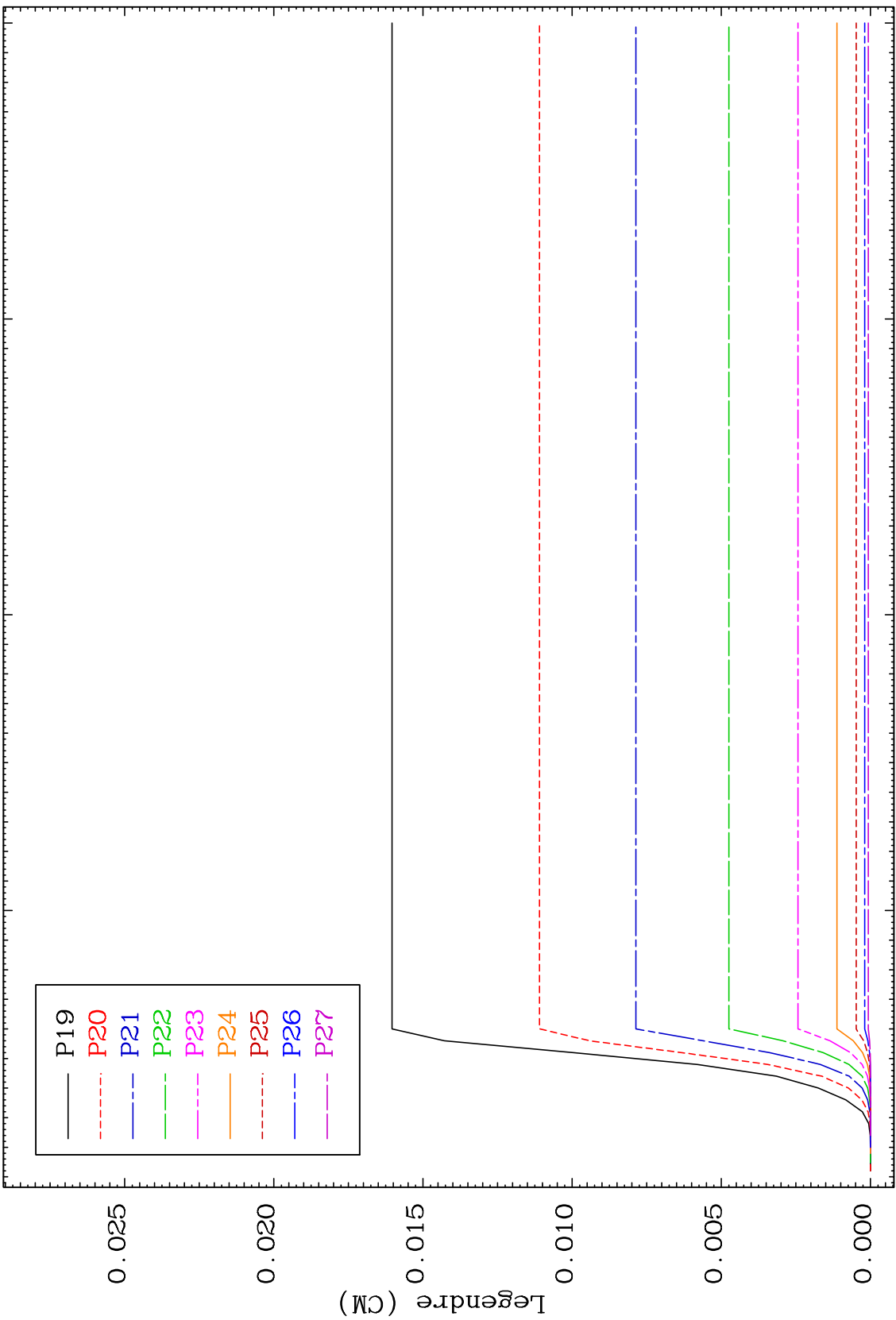




MAT 7116

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

71-Lu-172



71-Lu-172

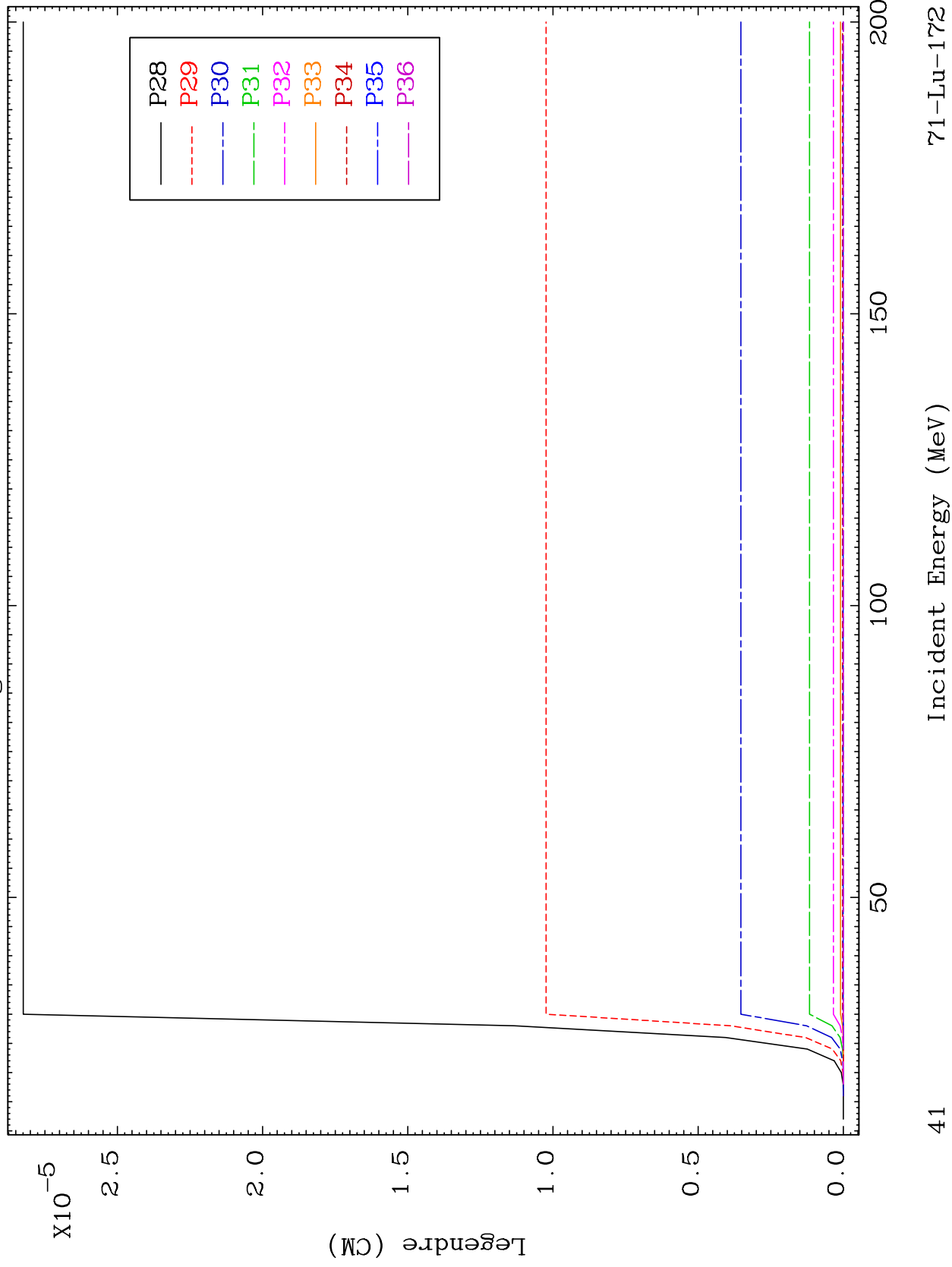
Incident Energy (MeV)

40

MAT 7116

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

71-Lu-172



41

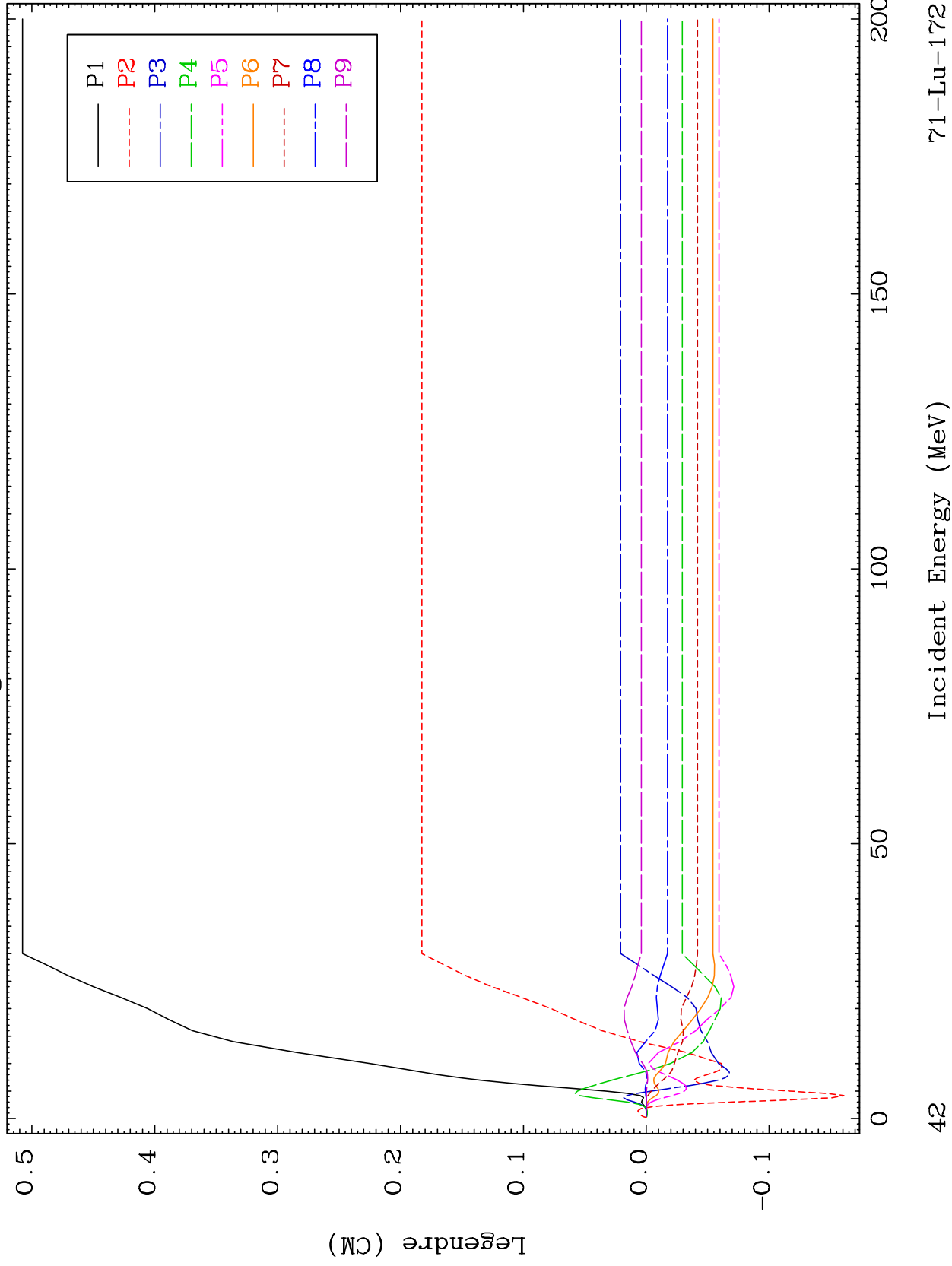
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

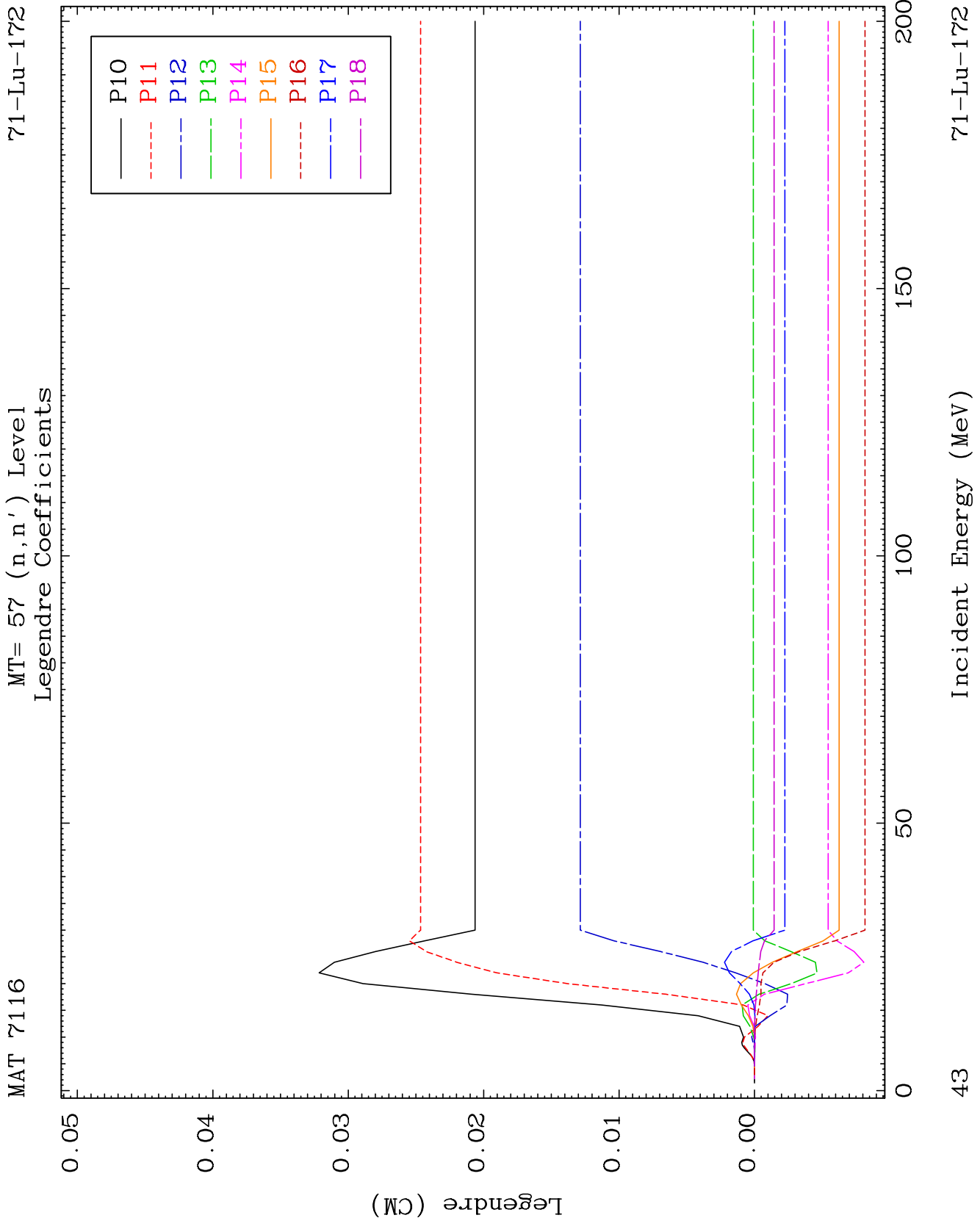
71-Lu-172



71-Lu-172

Incident Energy (MeV)

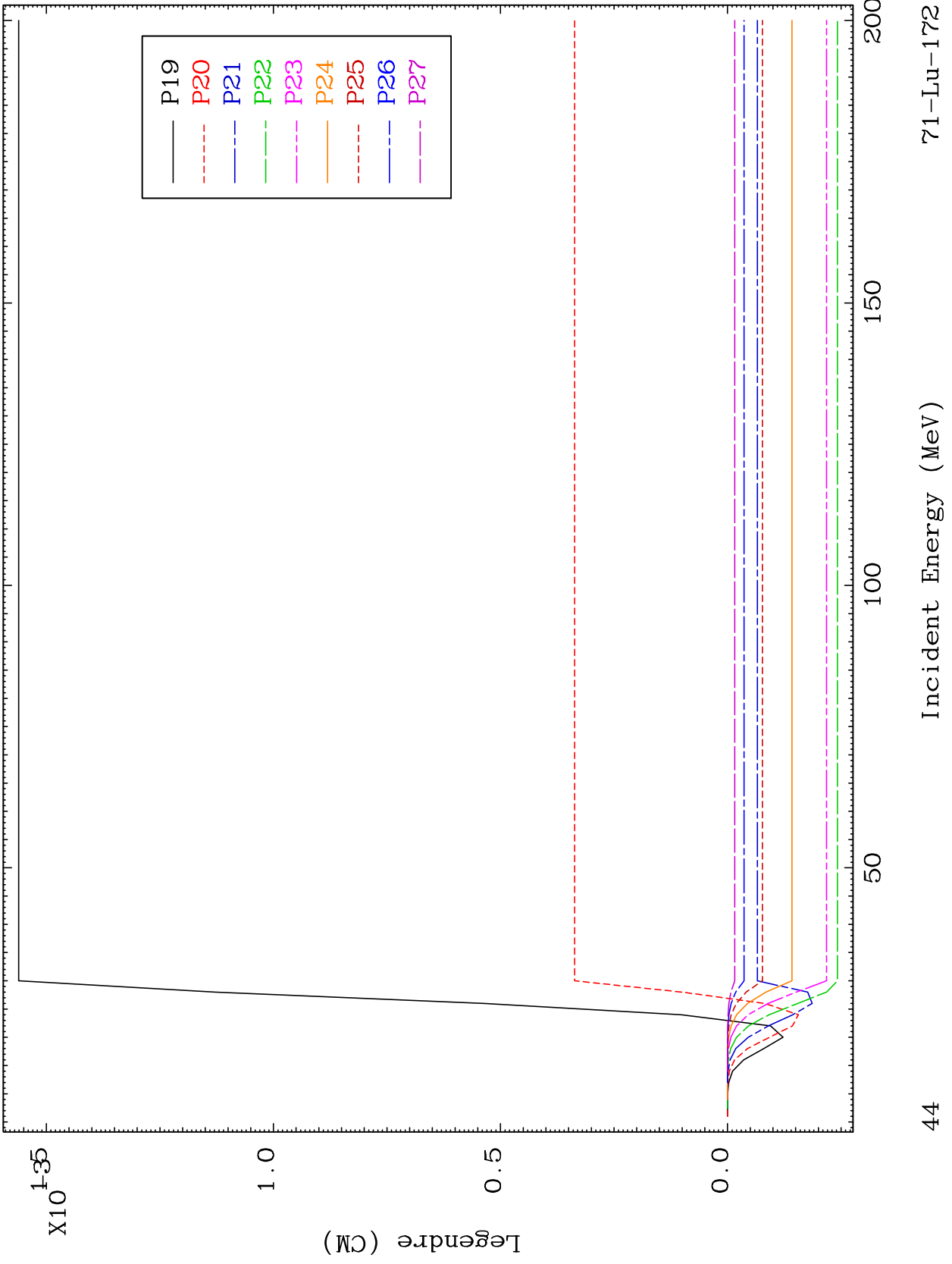
42



MAT 7116

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

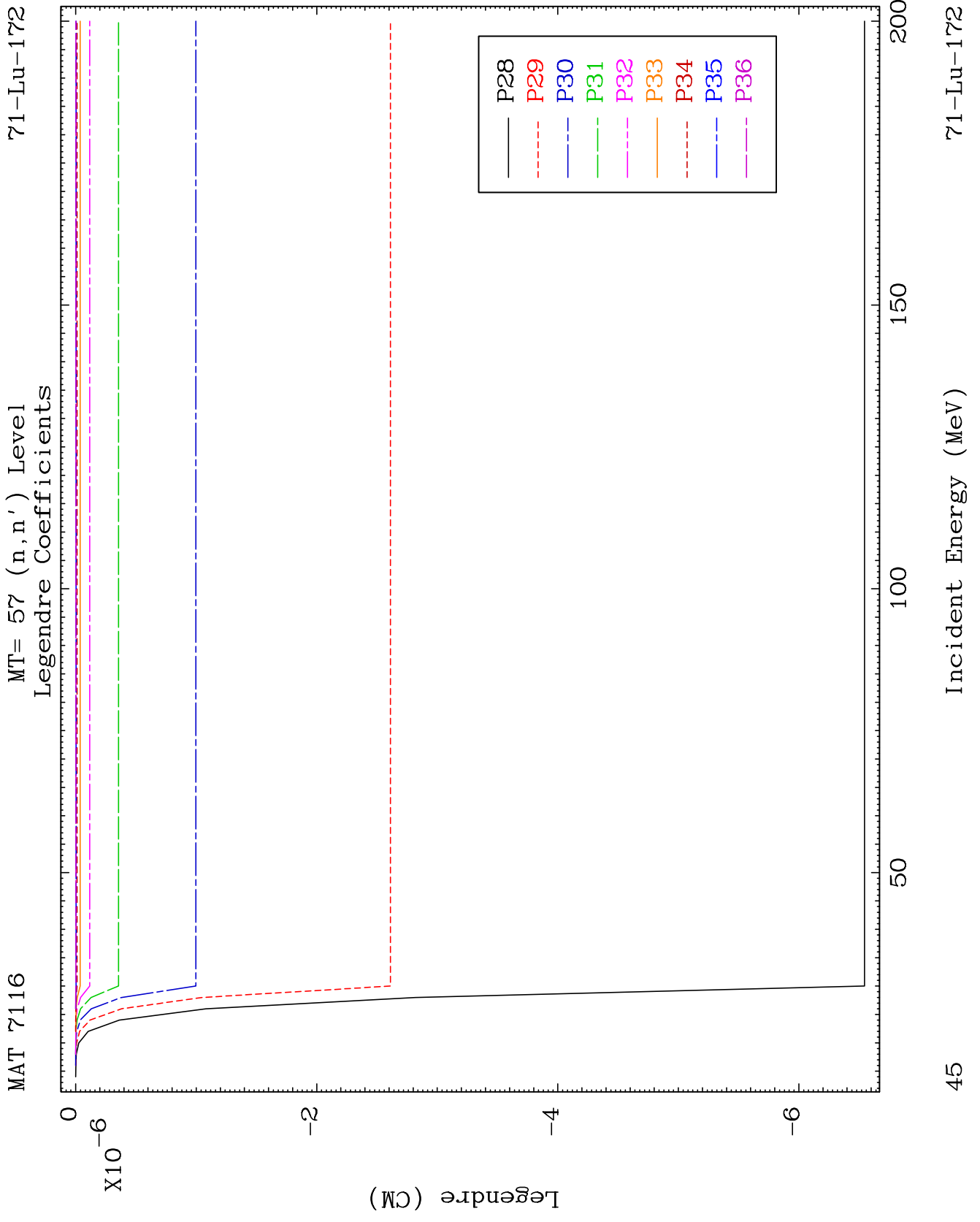
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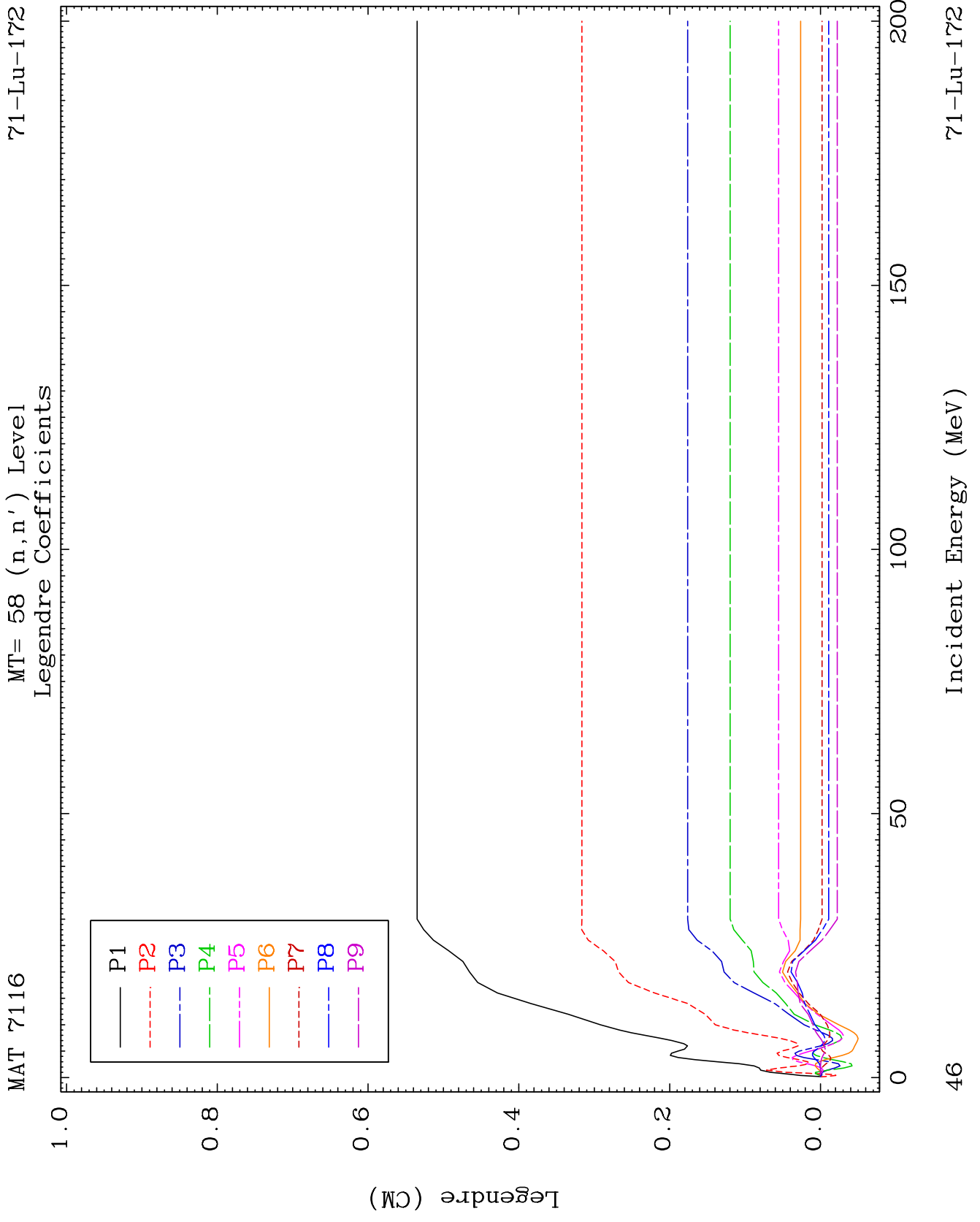


44

Incident Energy (MeV)

71-Lu-172

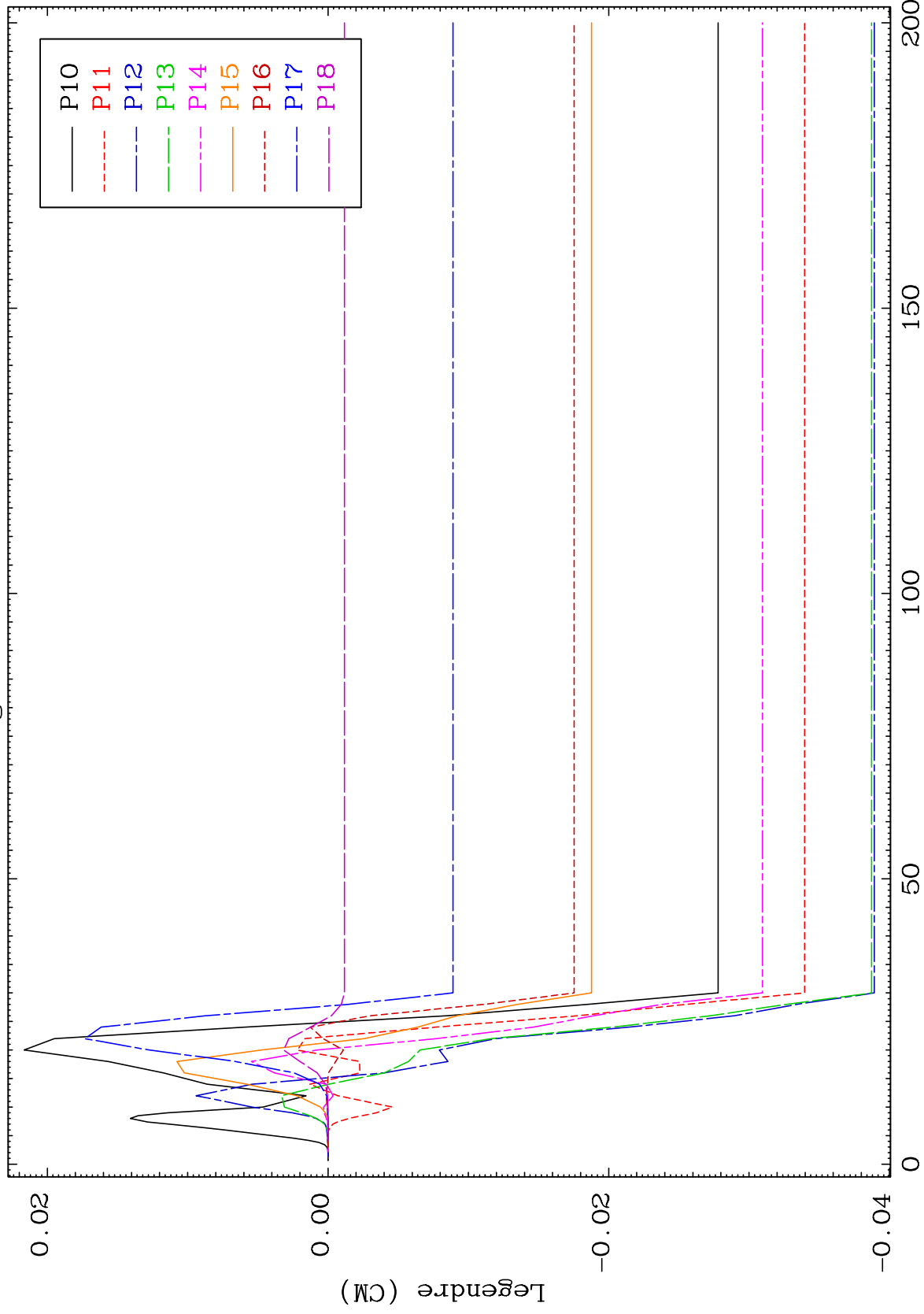




MAT 7116

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

71-Lu-172



47

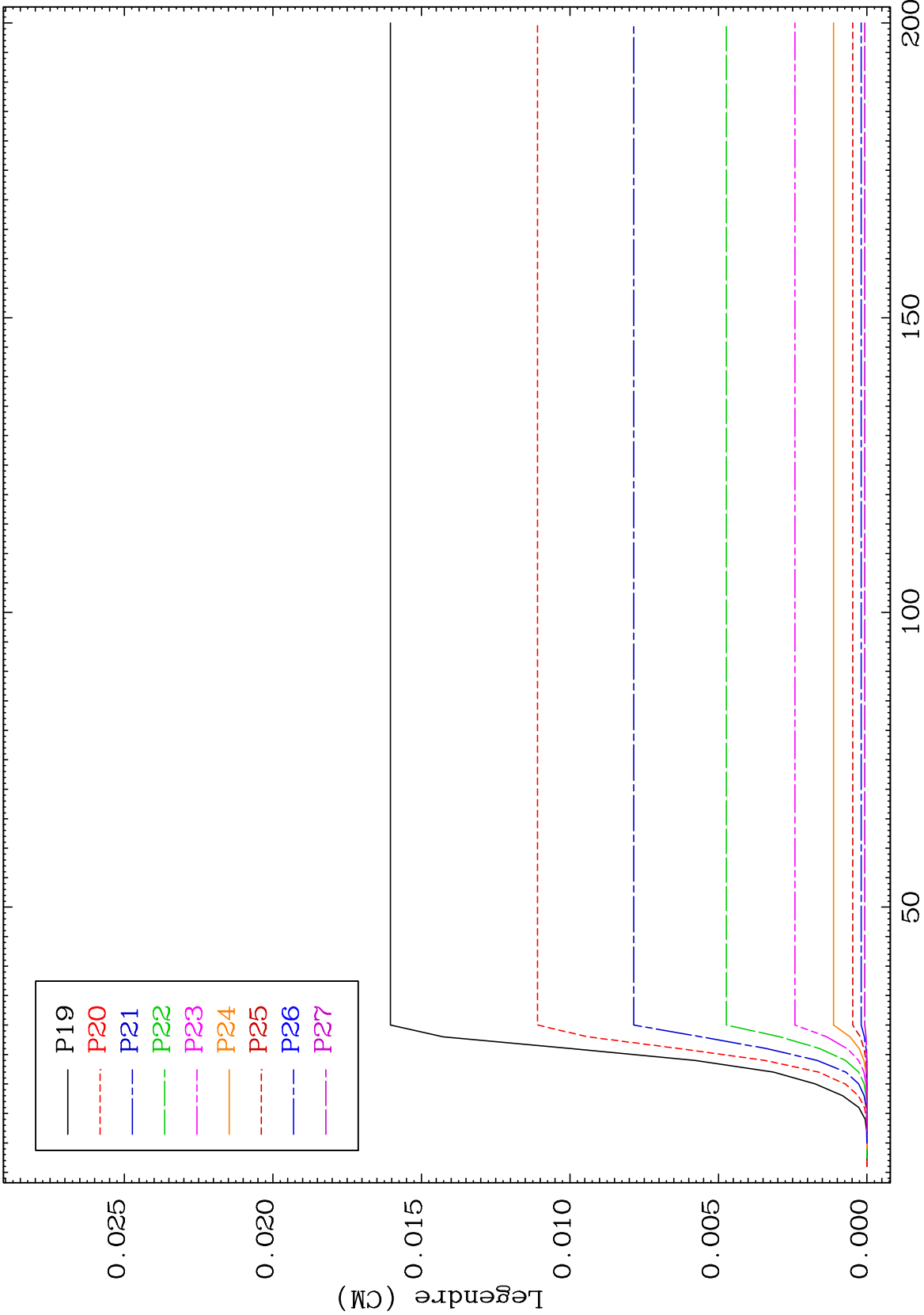
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



48

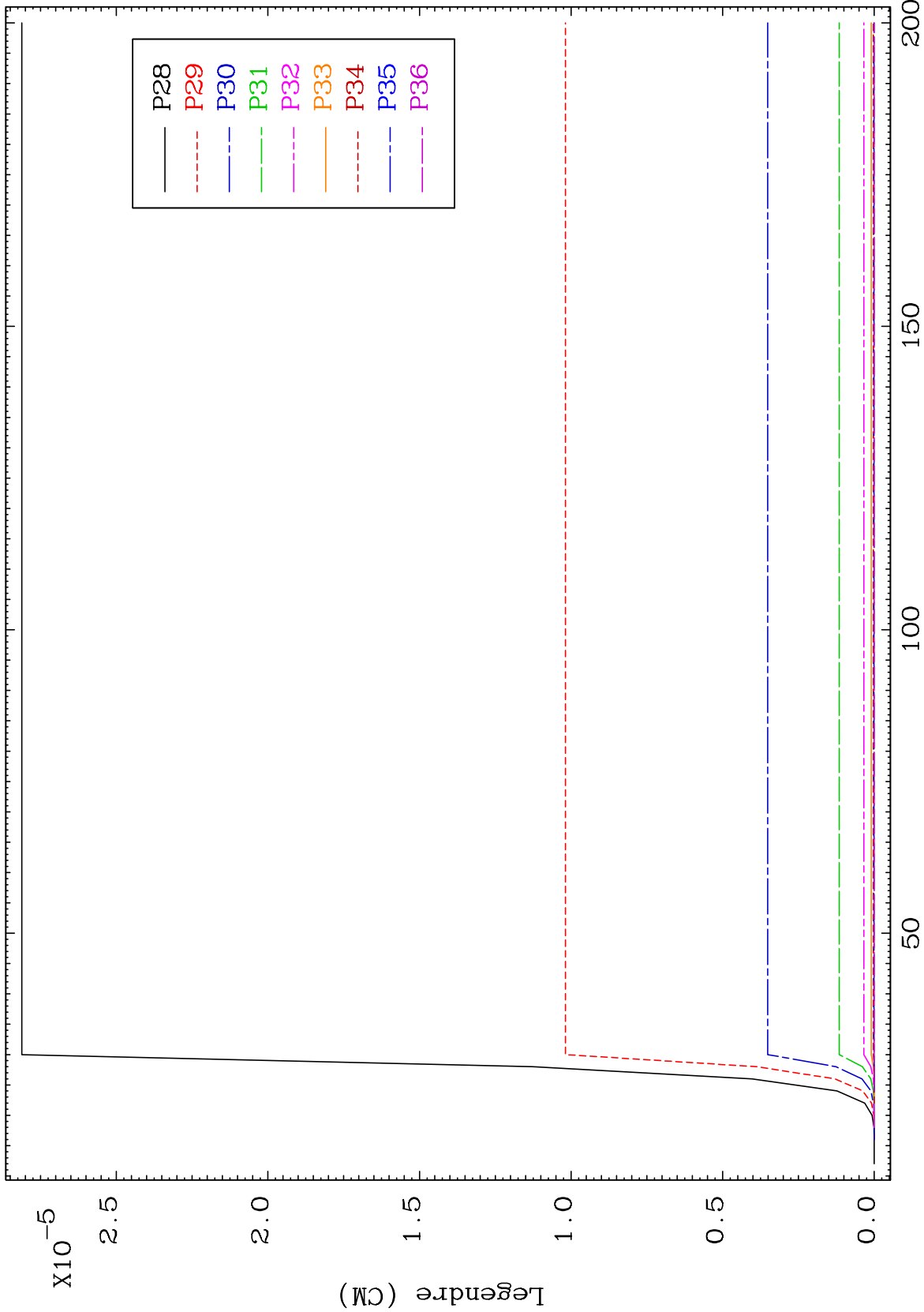
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

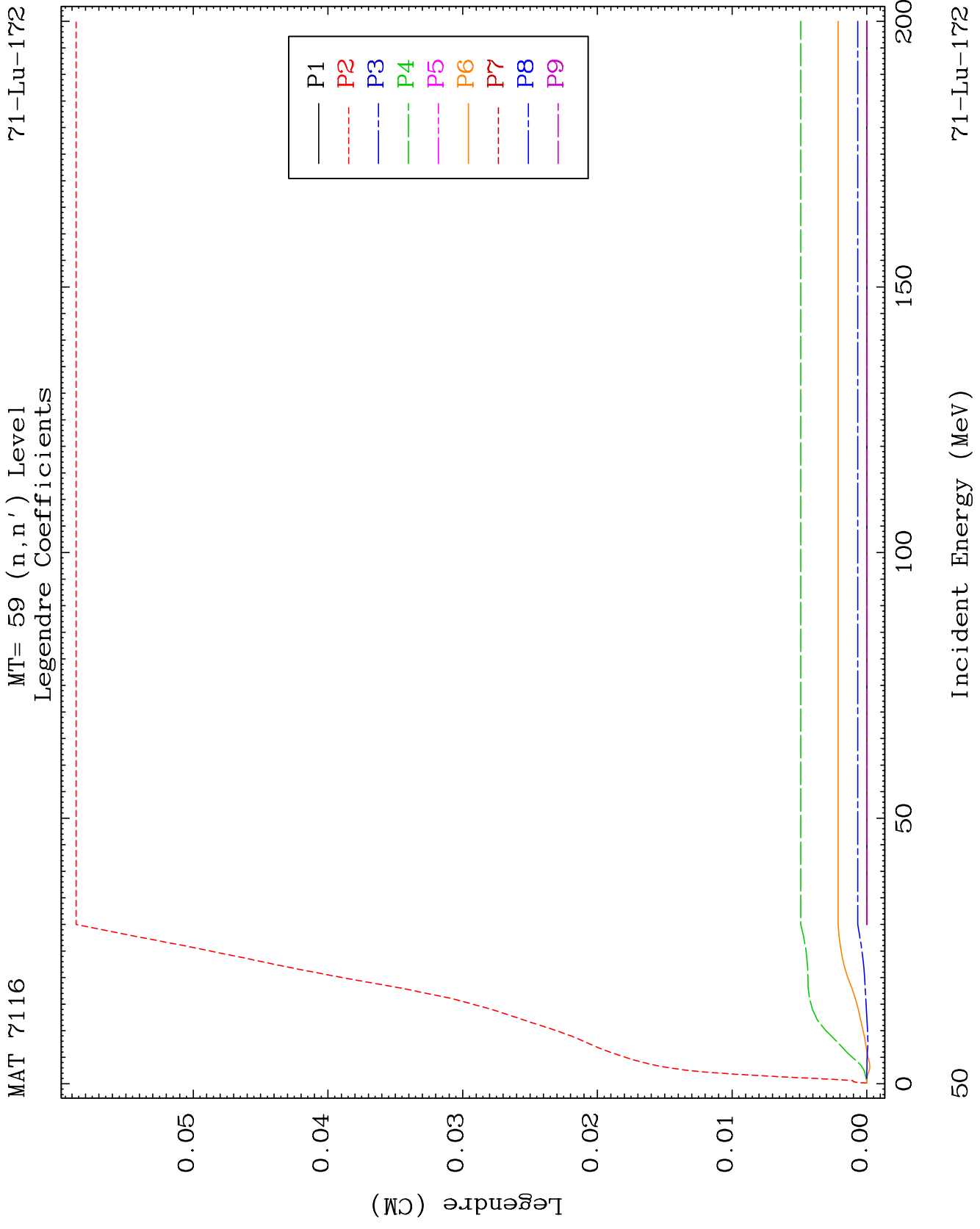
71-Lu-172



49

Incident Energy (MeV)

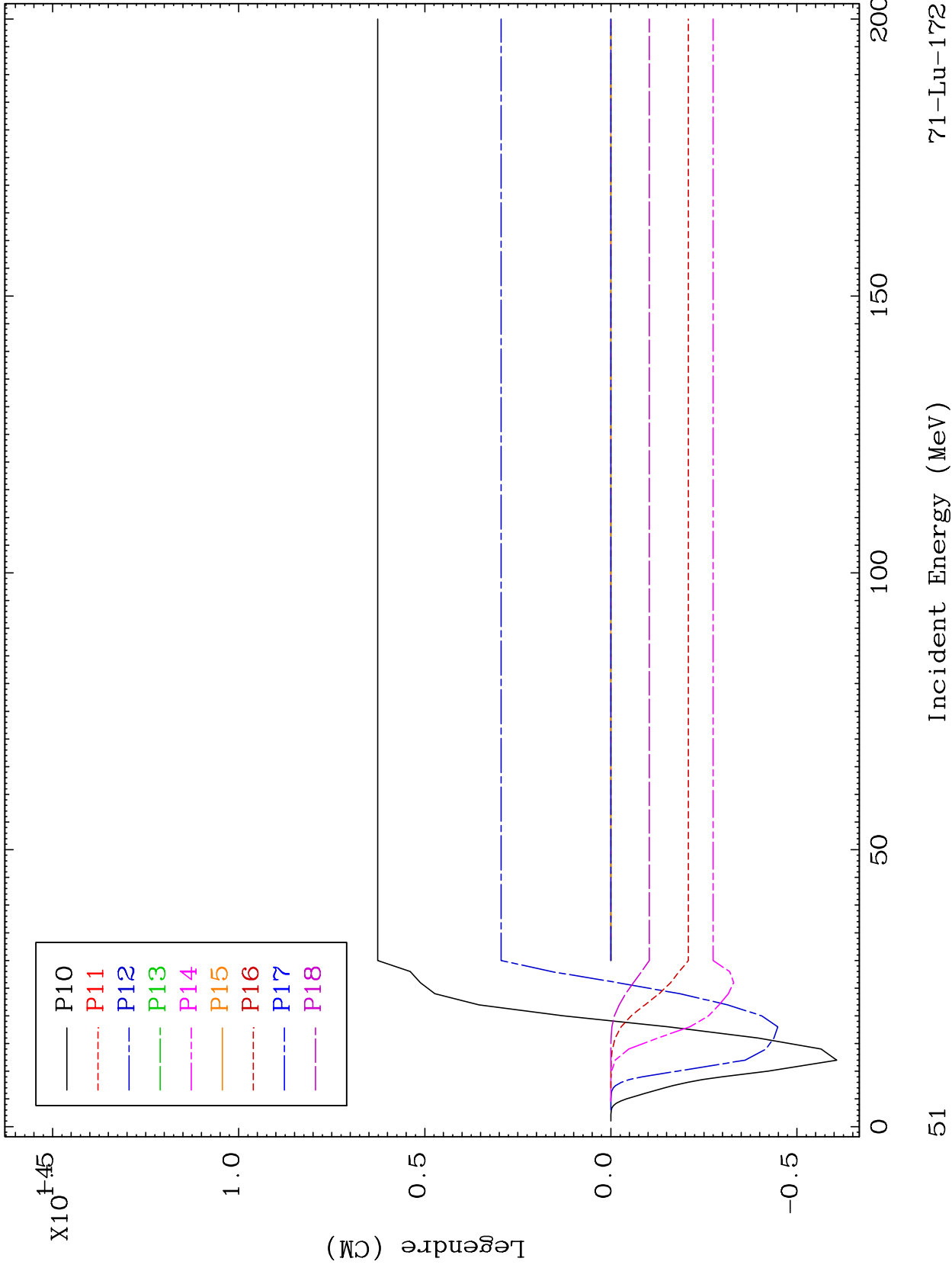
71-Lu-172



MAT 71116

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

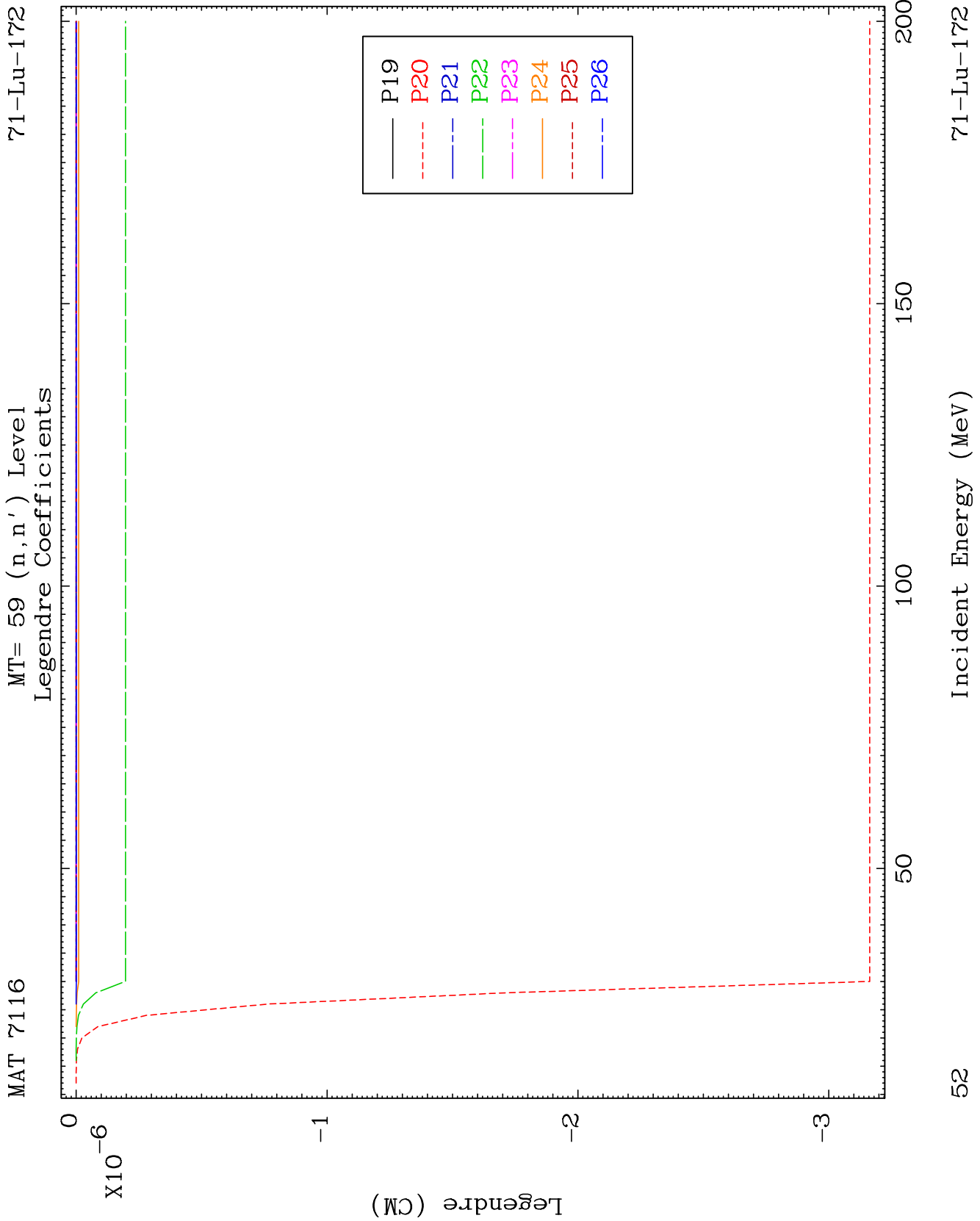
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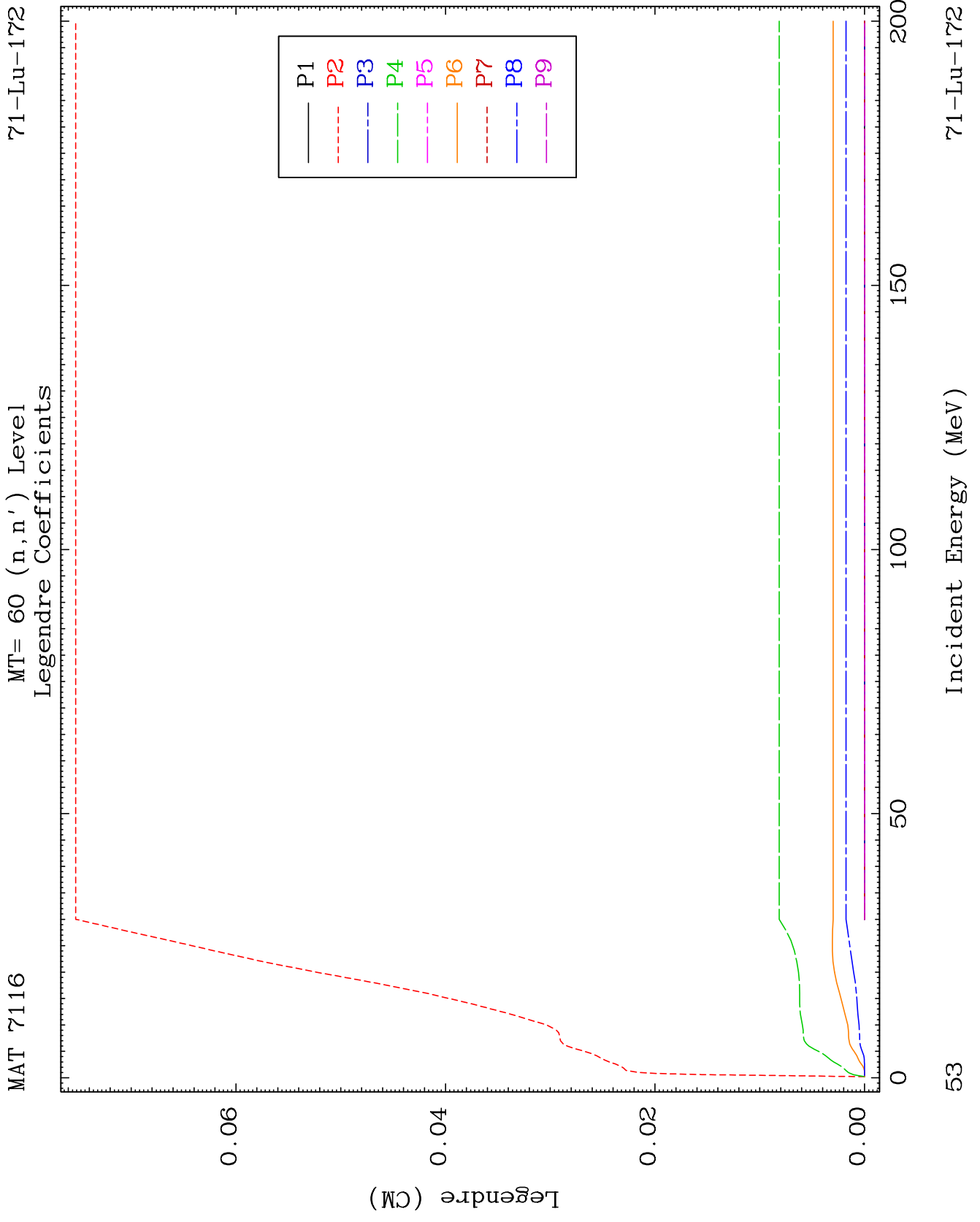


51

Incident Energy (MeV)

71-Lu-172

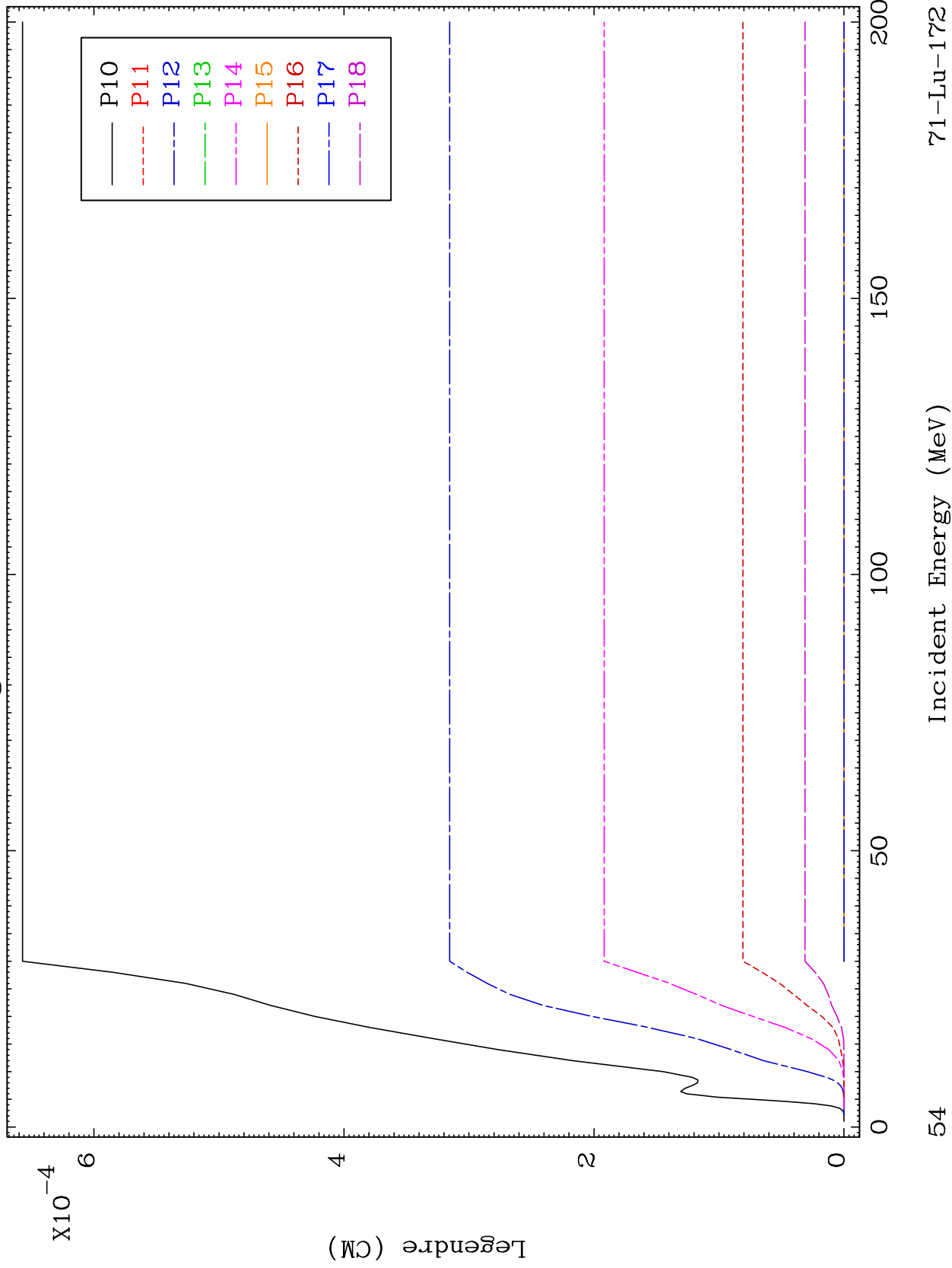




MAT 7116

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

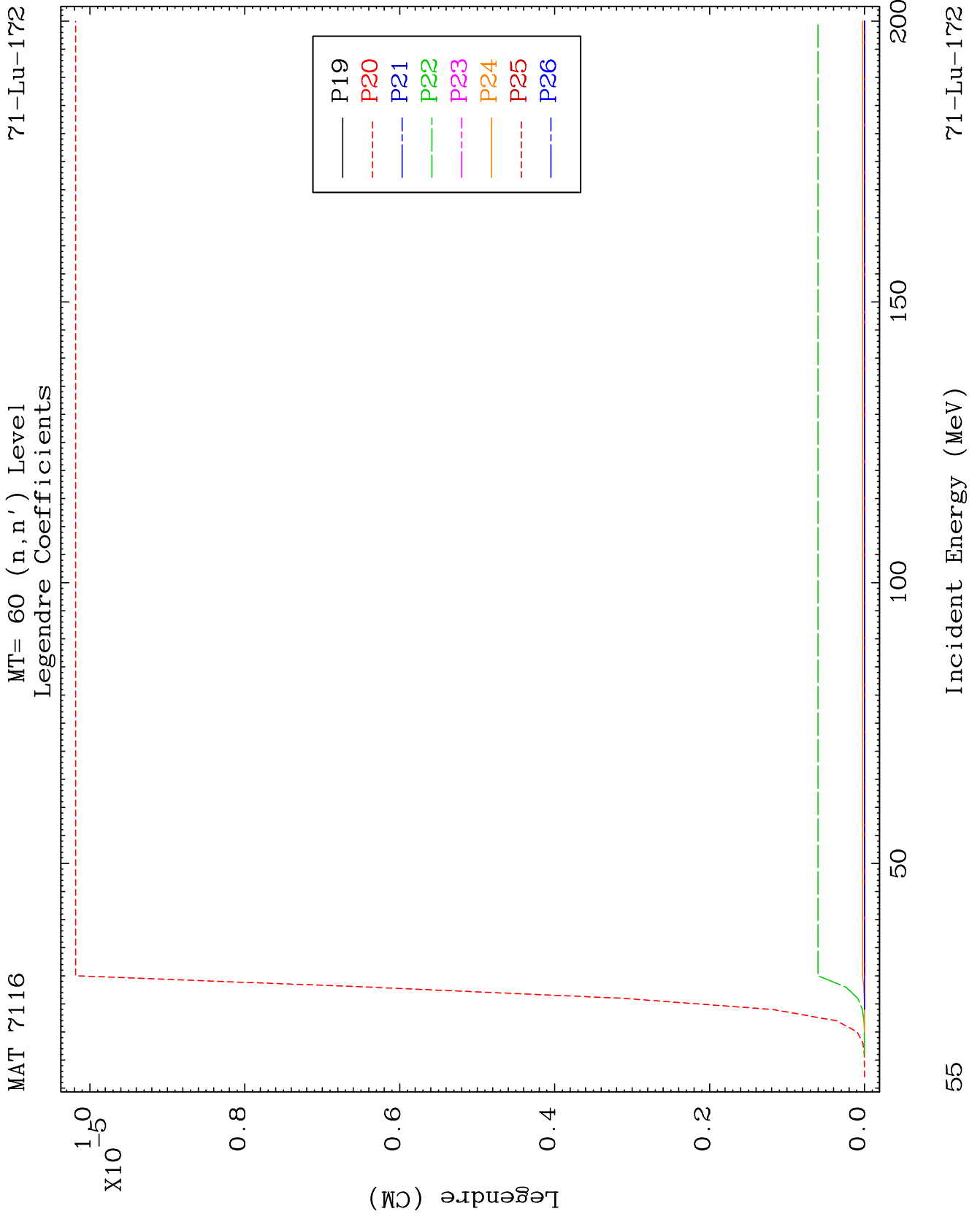
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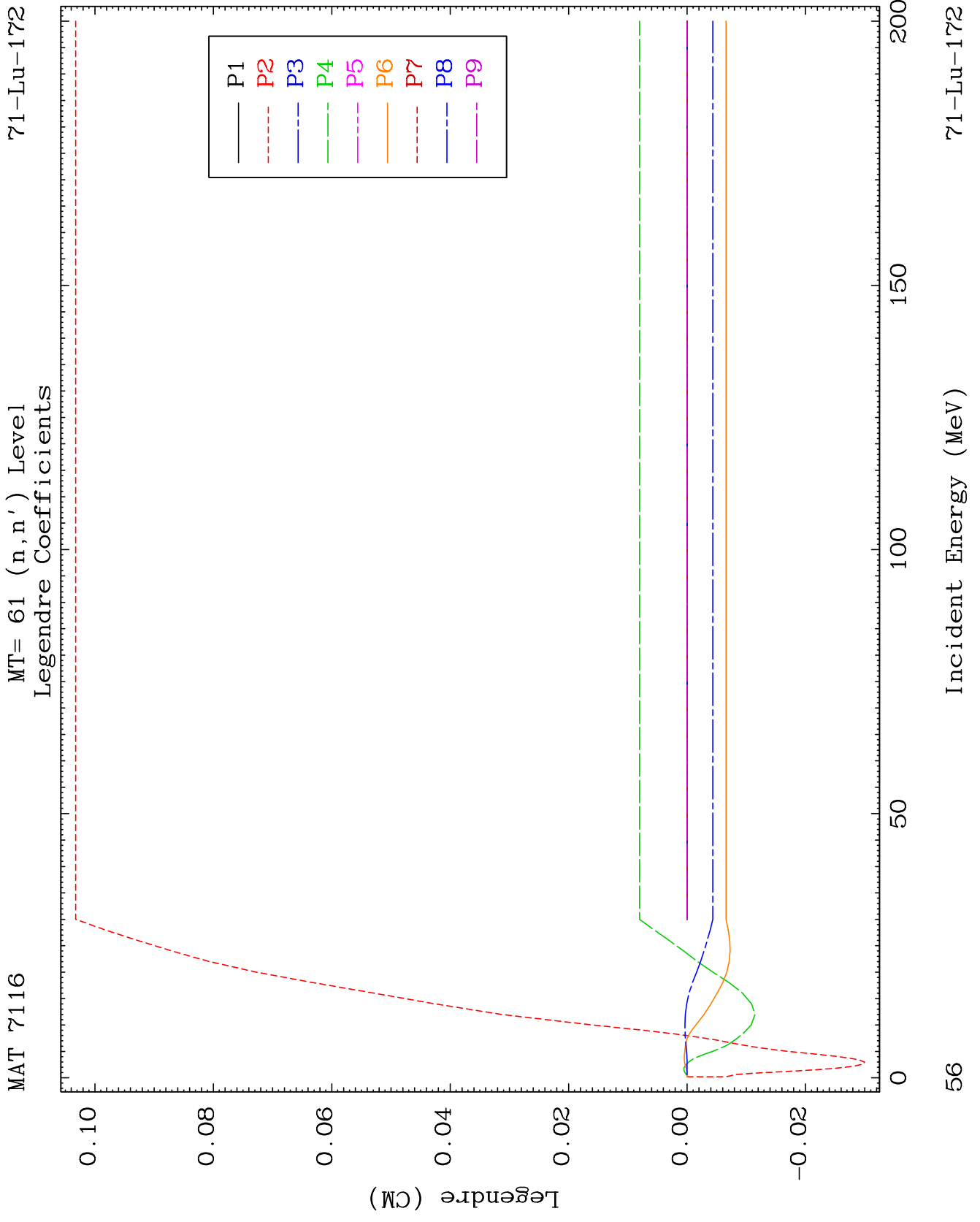


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Incident Energy (MeV)

71-Lu-172

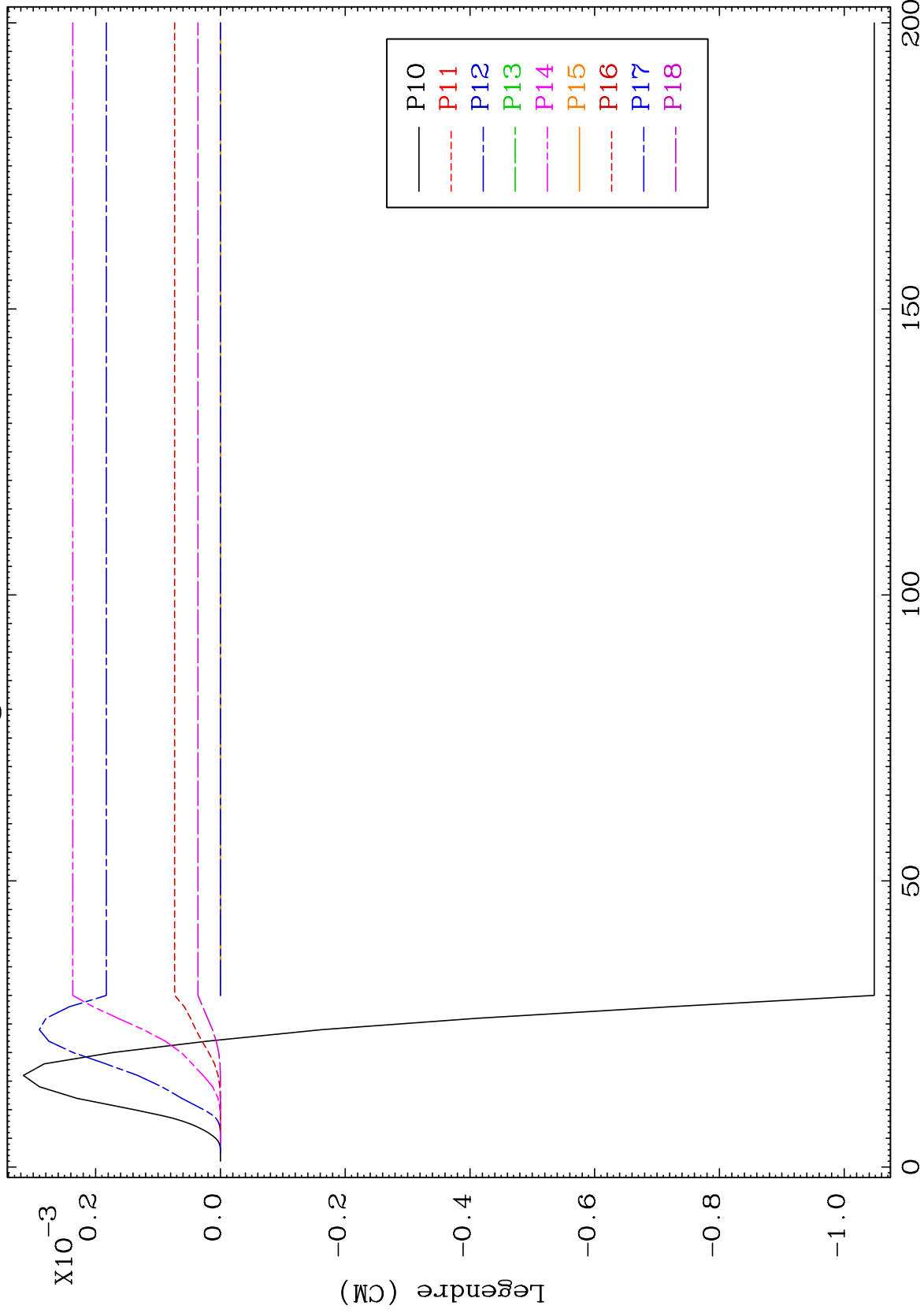




MAT 7116

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

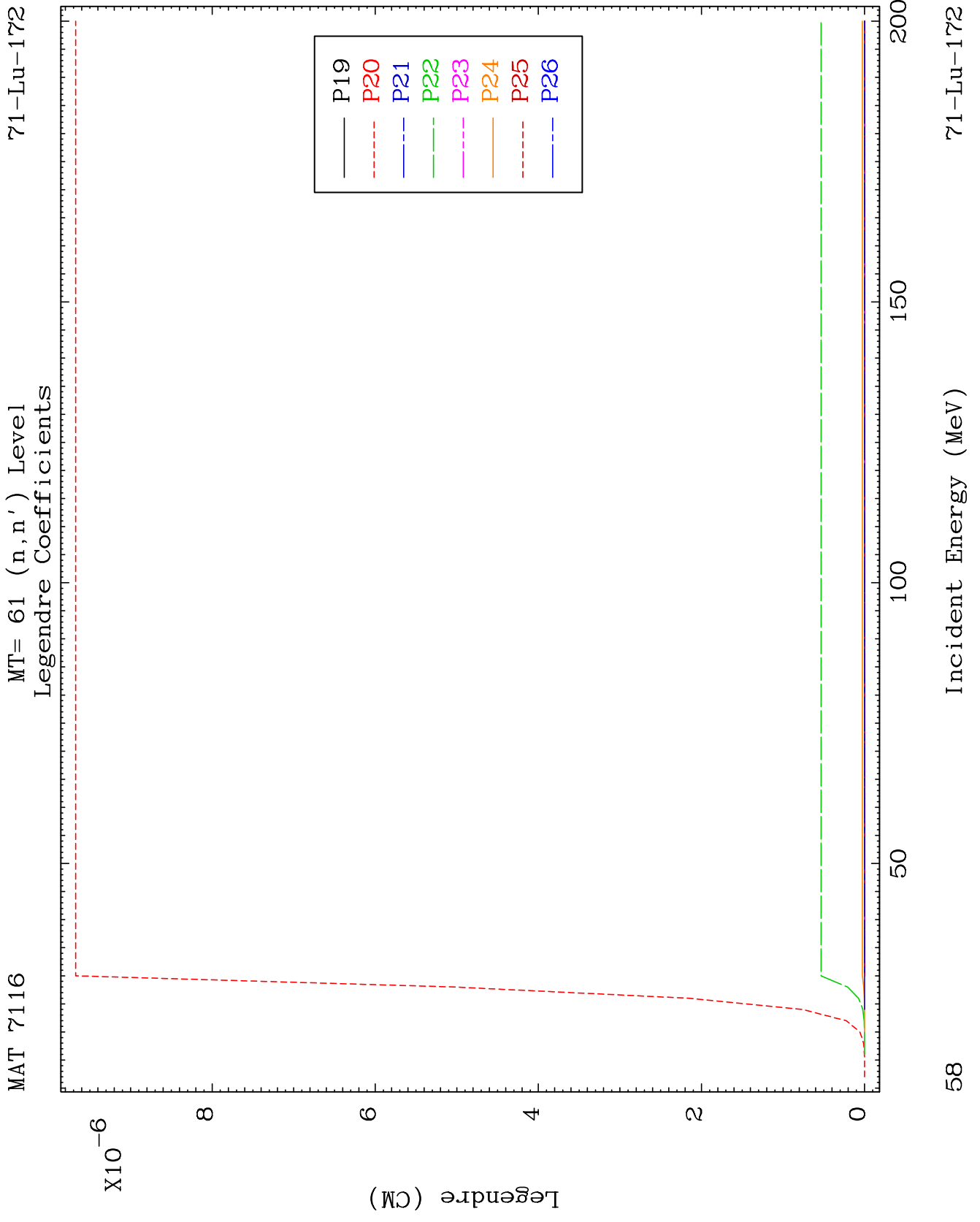
71-Lu-172



57

Incident Energy (MeV)

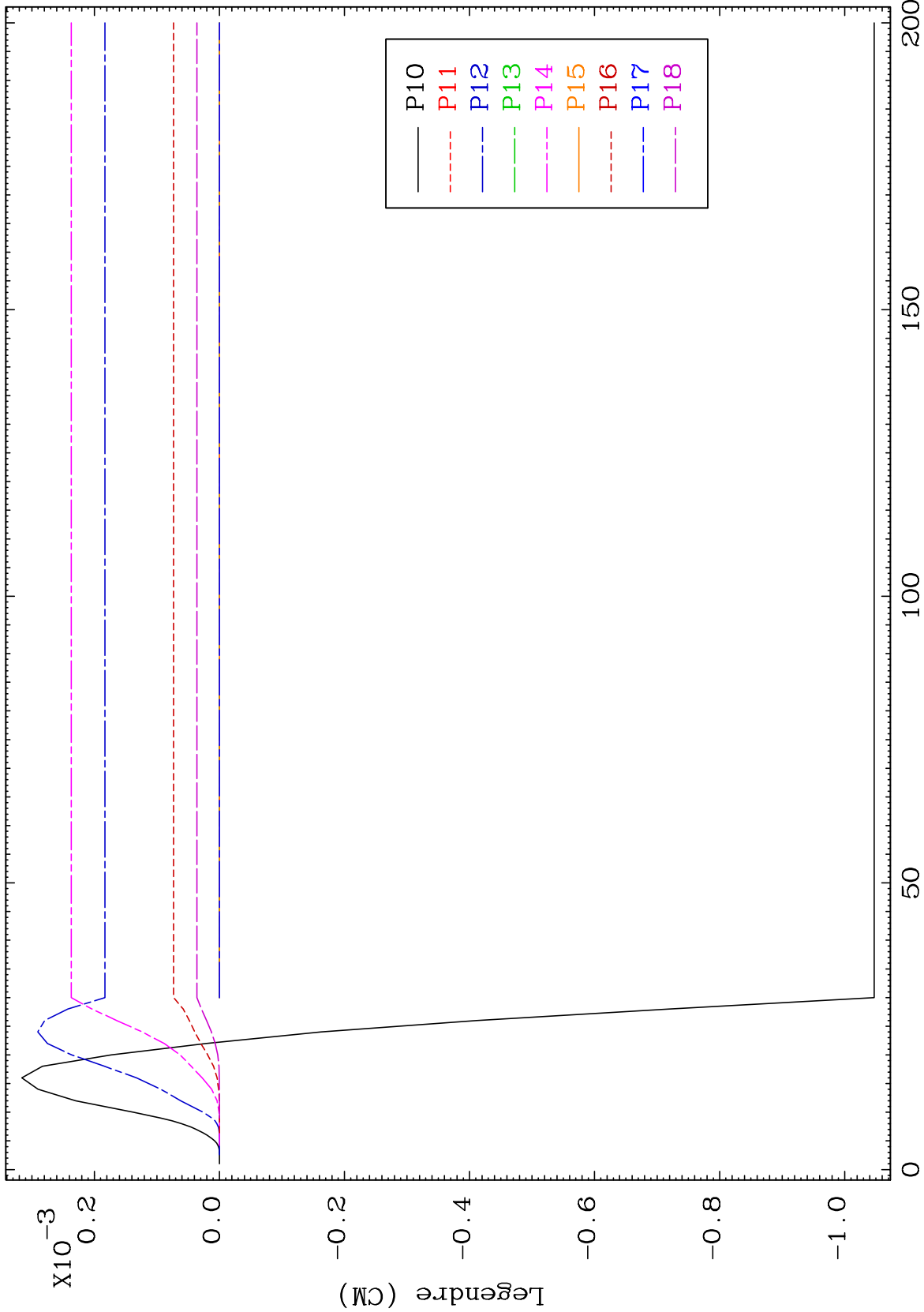
71-Lu-172



MAT 7116

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

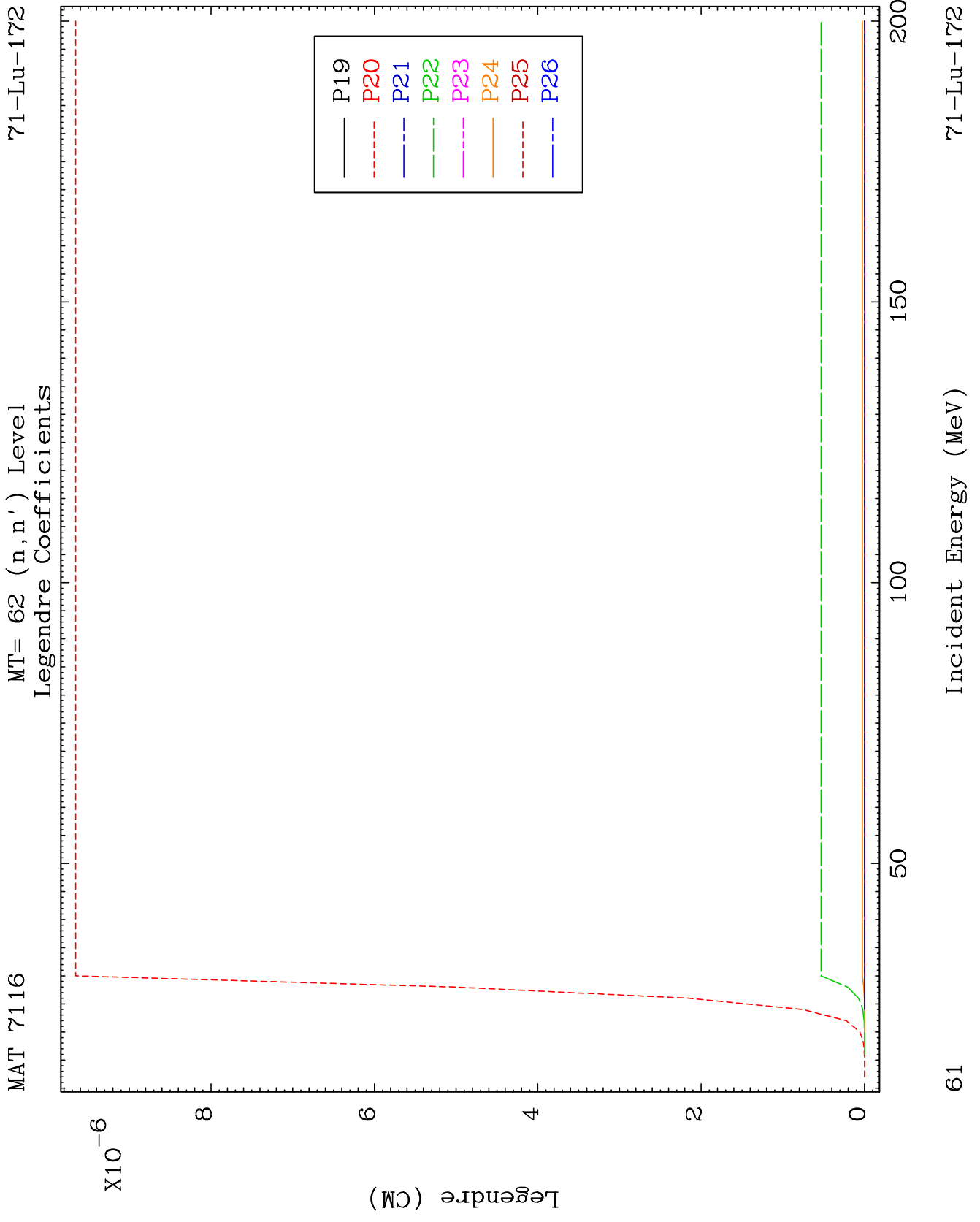
71-Lu-172

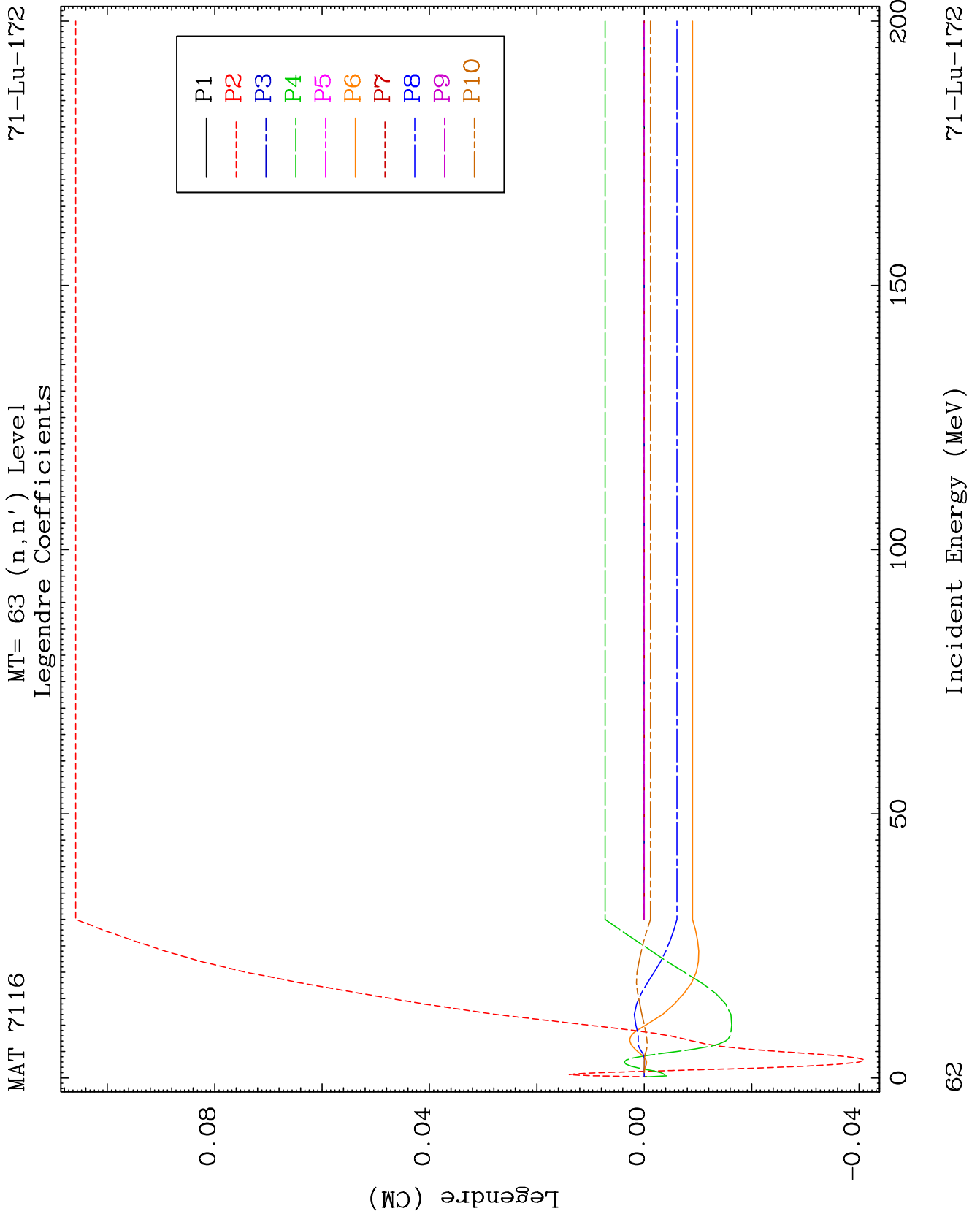


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Incident Energy (MeV)

71-Lu-172

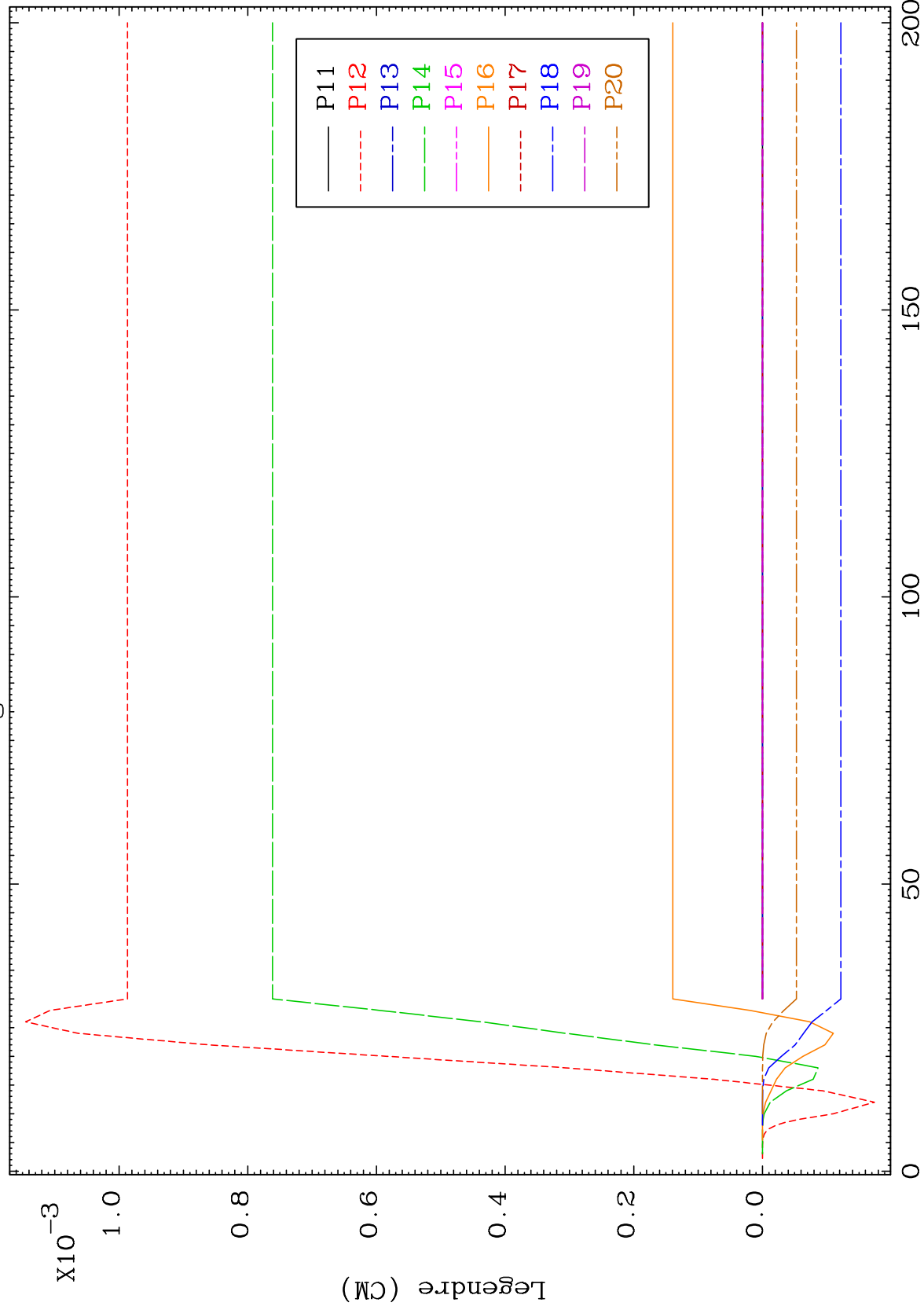




MAT 7116

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

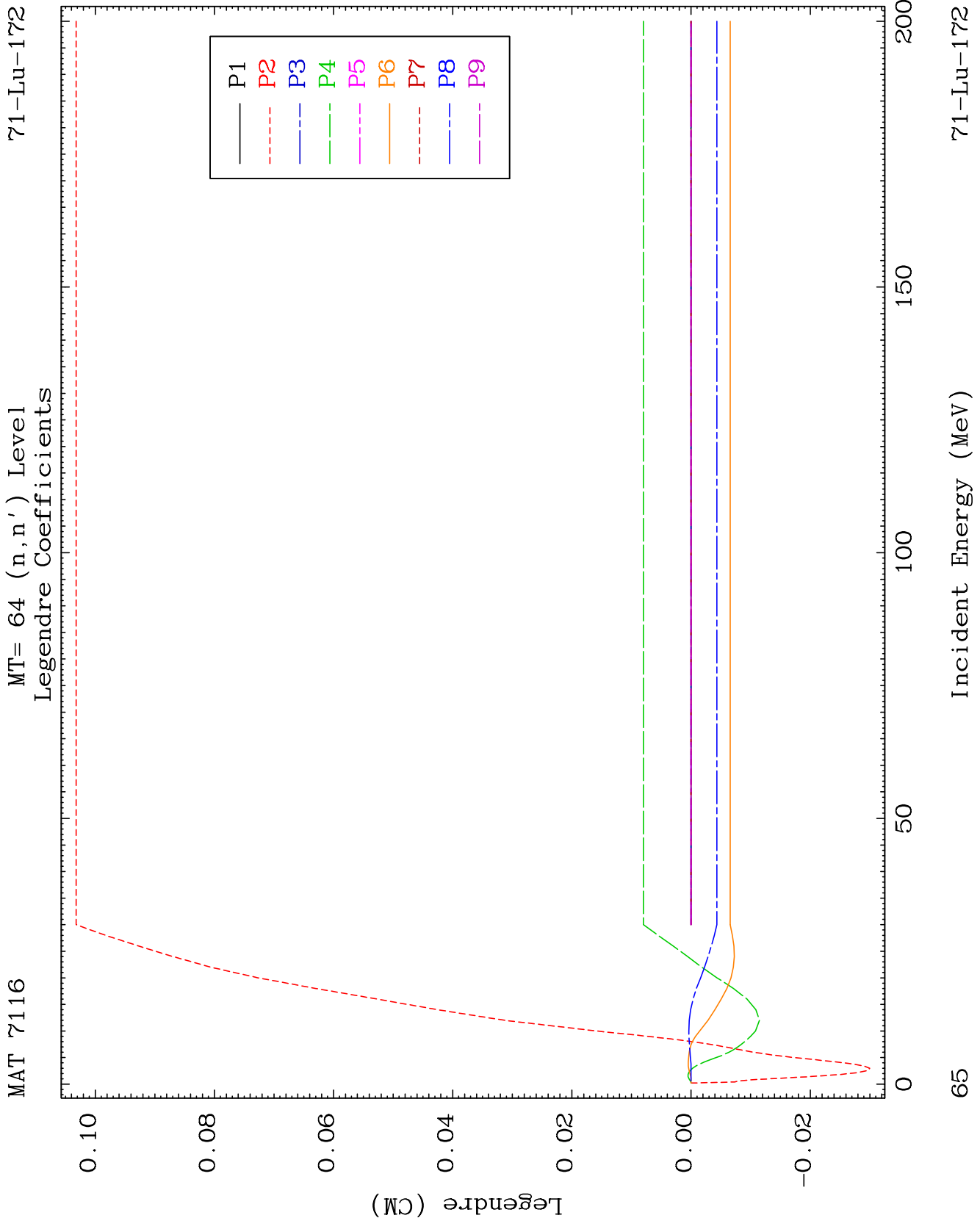
71-Lu-172



63

Incident Energy (MeV)

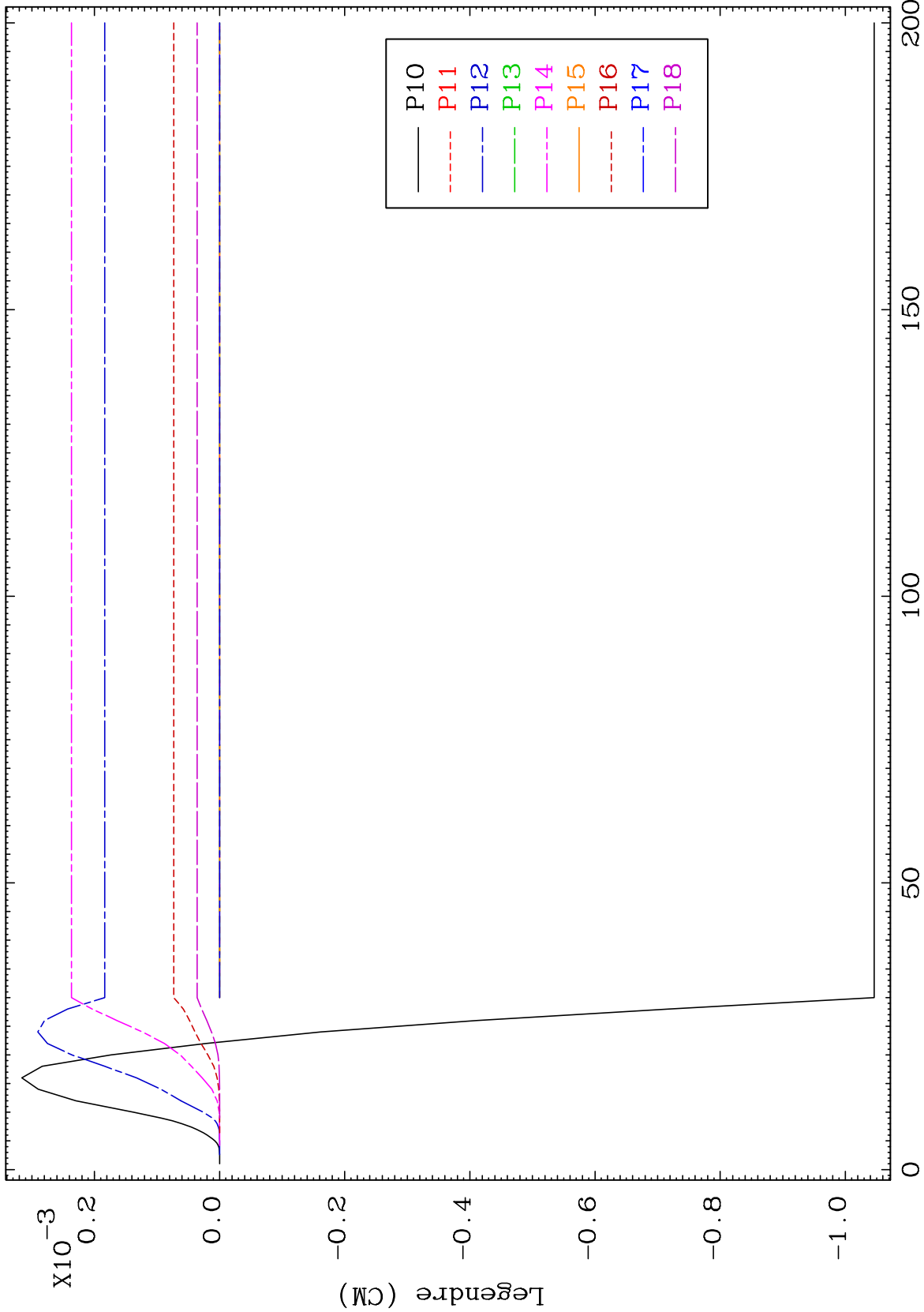
71-Lu-172



MAT 7116

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

71-Lu-172



66

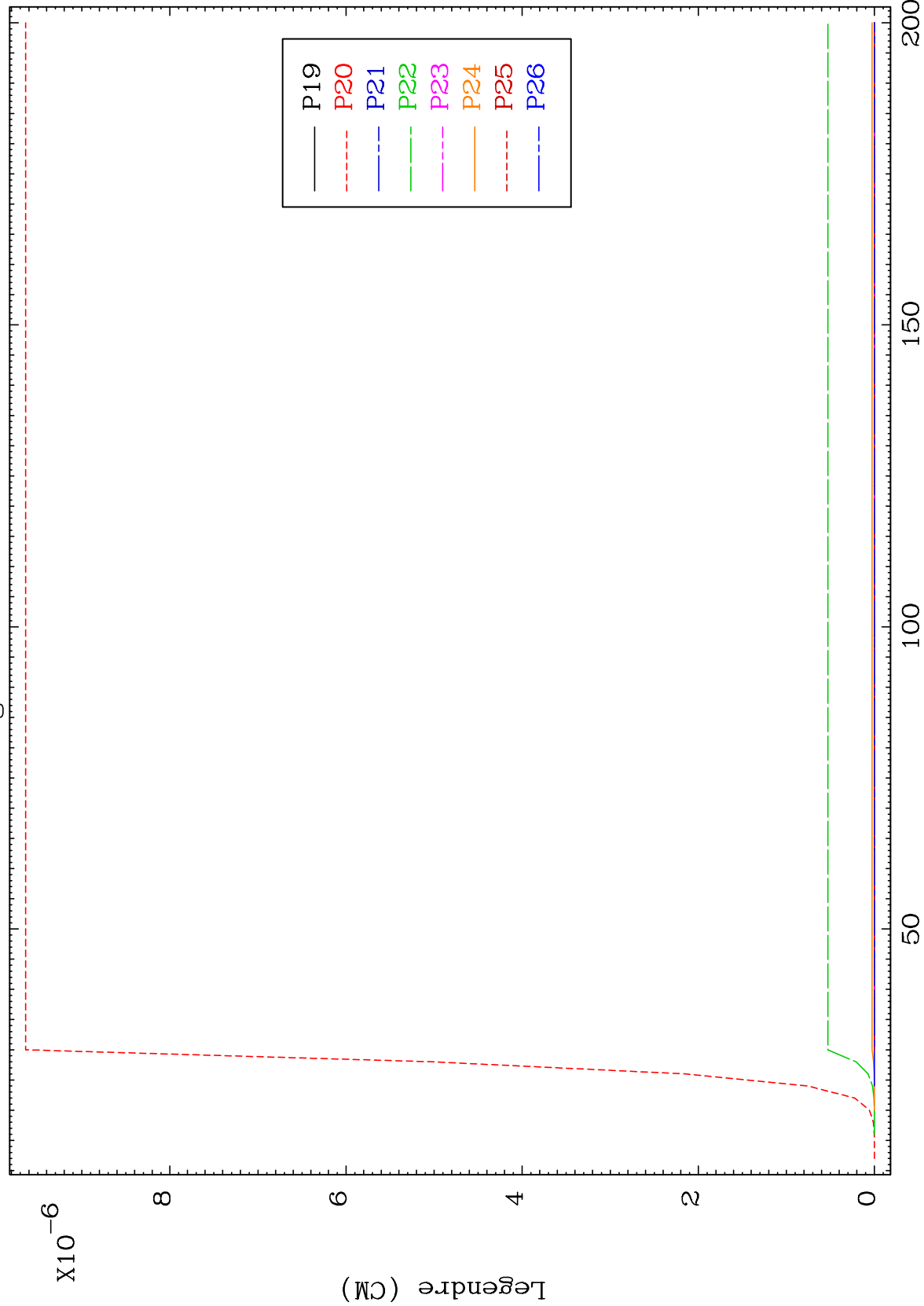
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

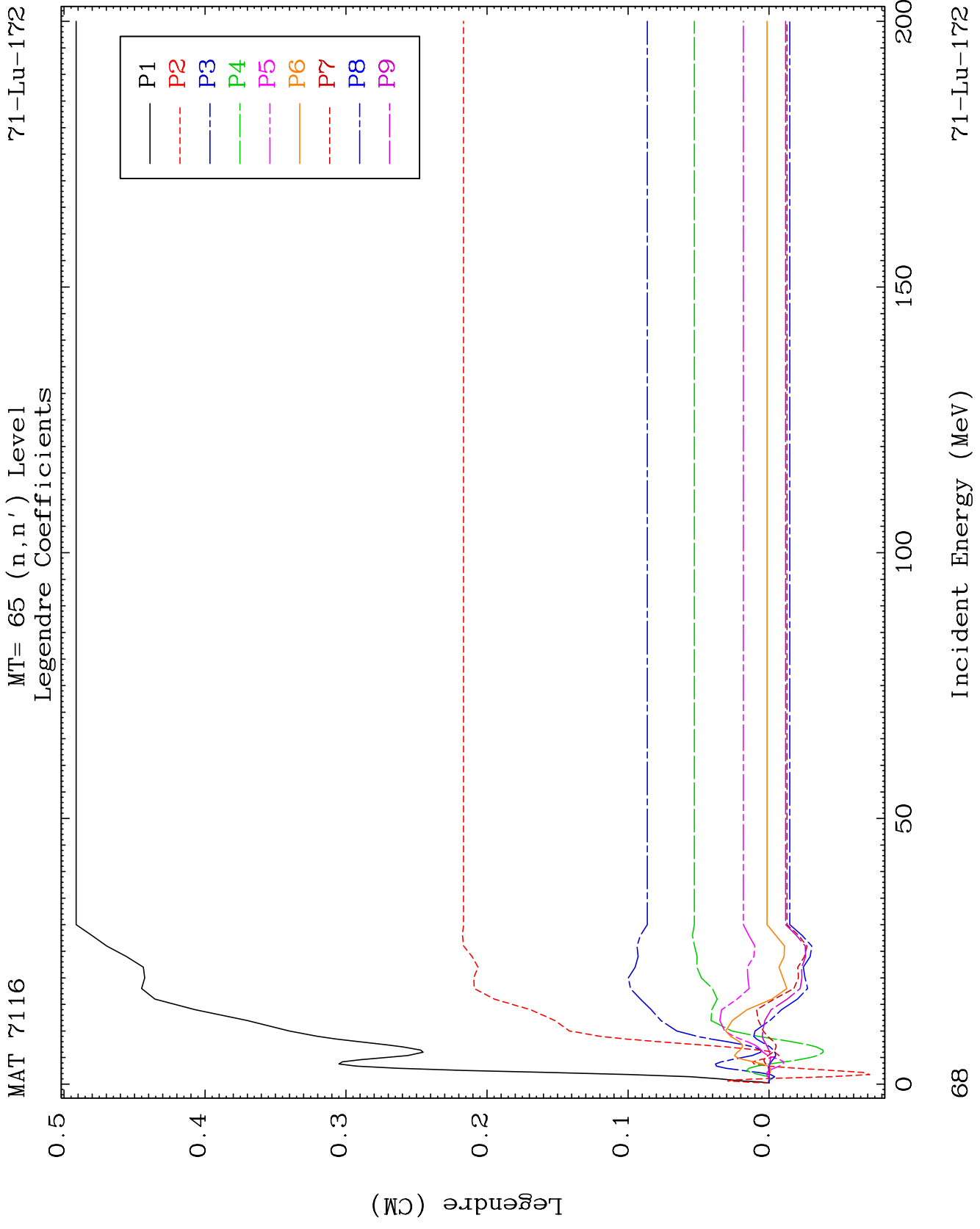
71-Lu-172



71-Lu-172

Incident Energy (MeV)

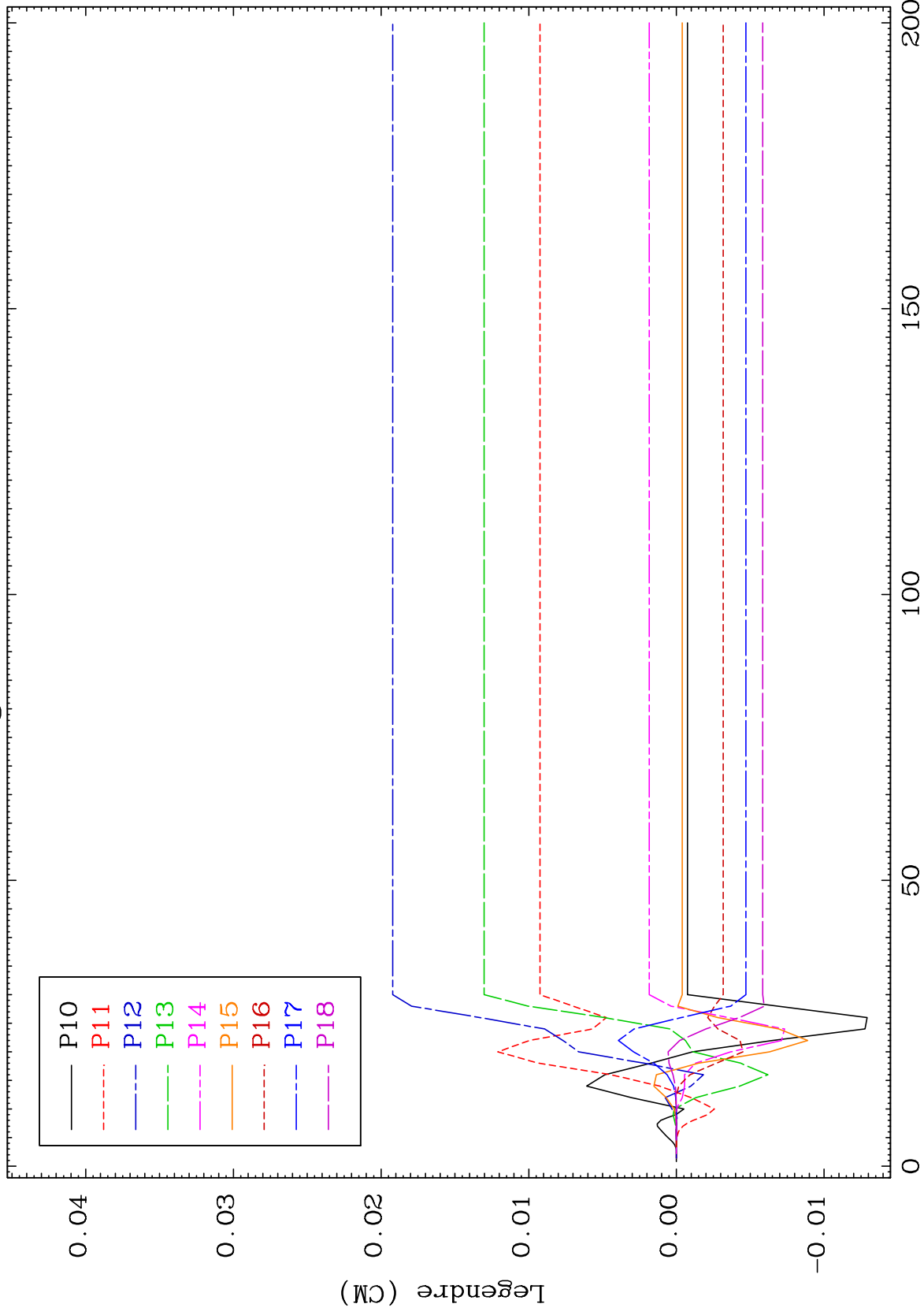
67



MAT 7116

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

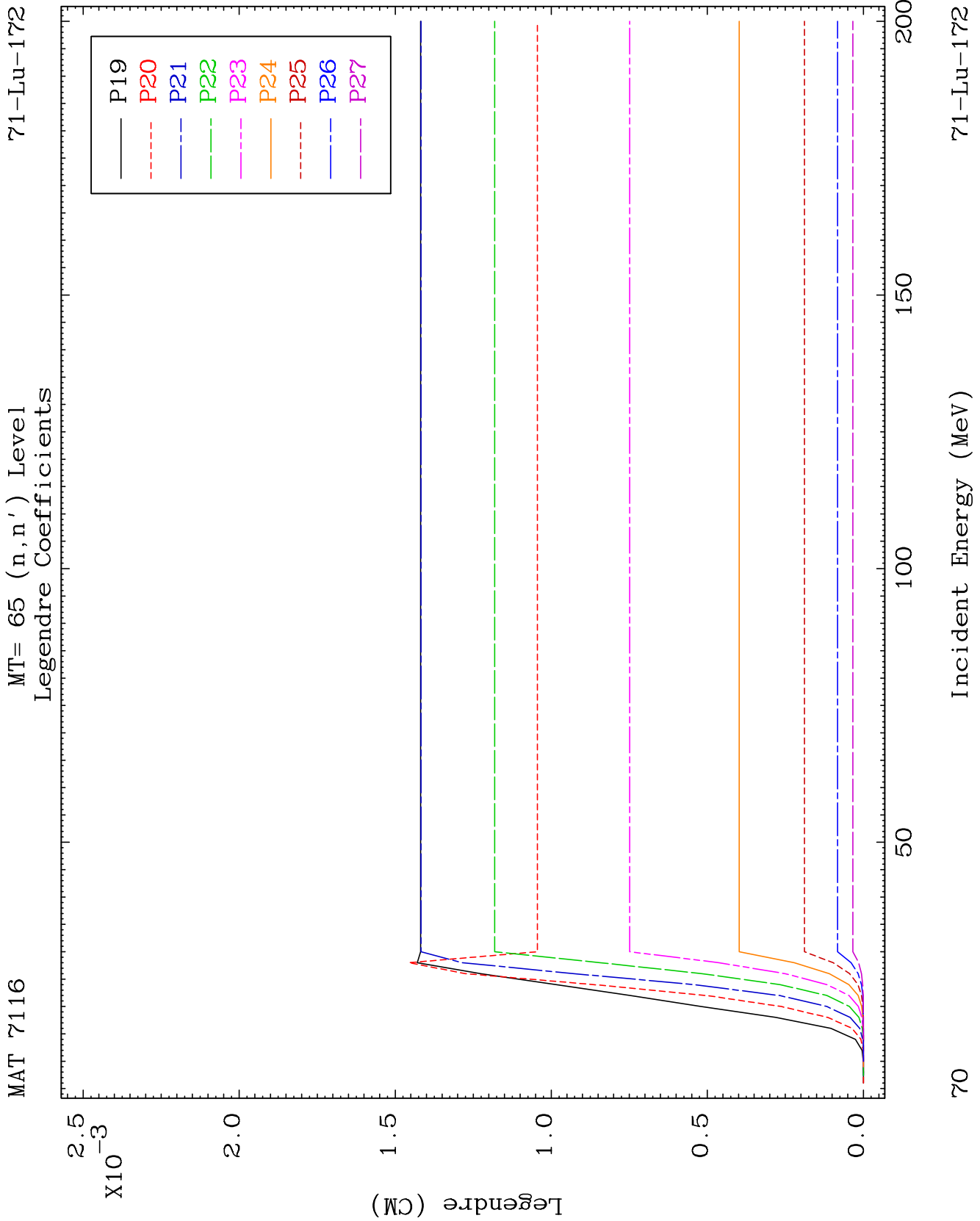
71-Lu-172



69

Incident Energy (MeV)

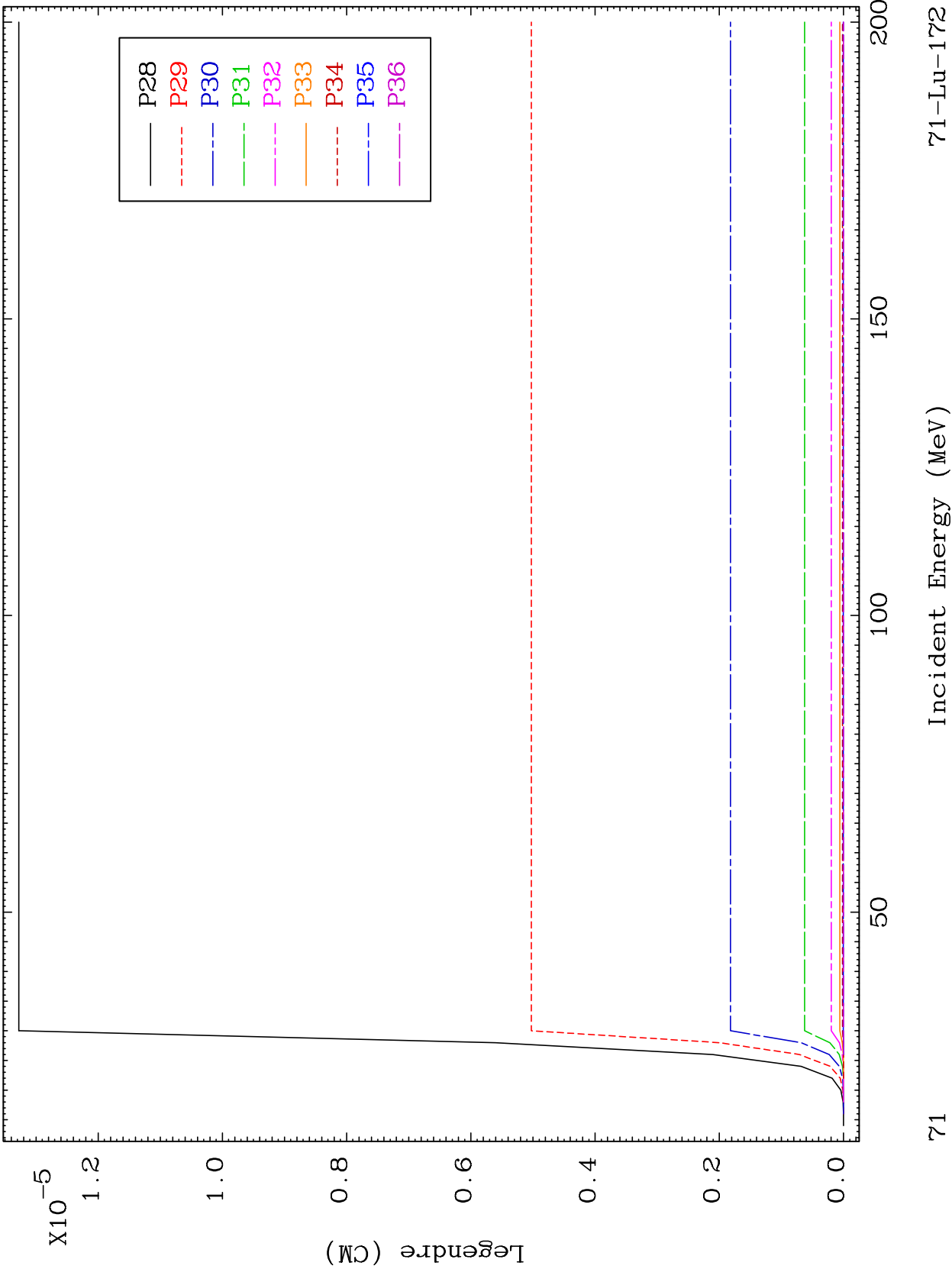
71-Lu-172



MAT 7116

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

71-Lu-172



71

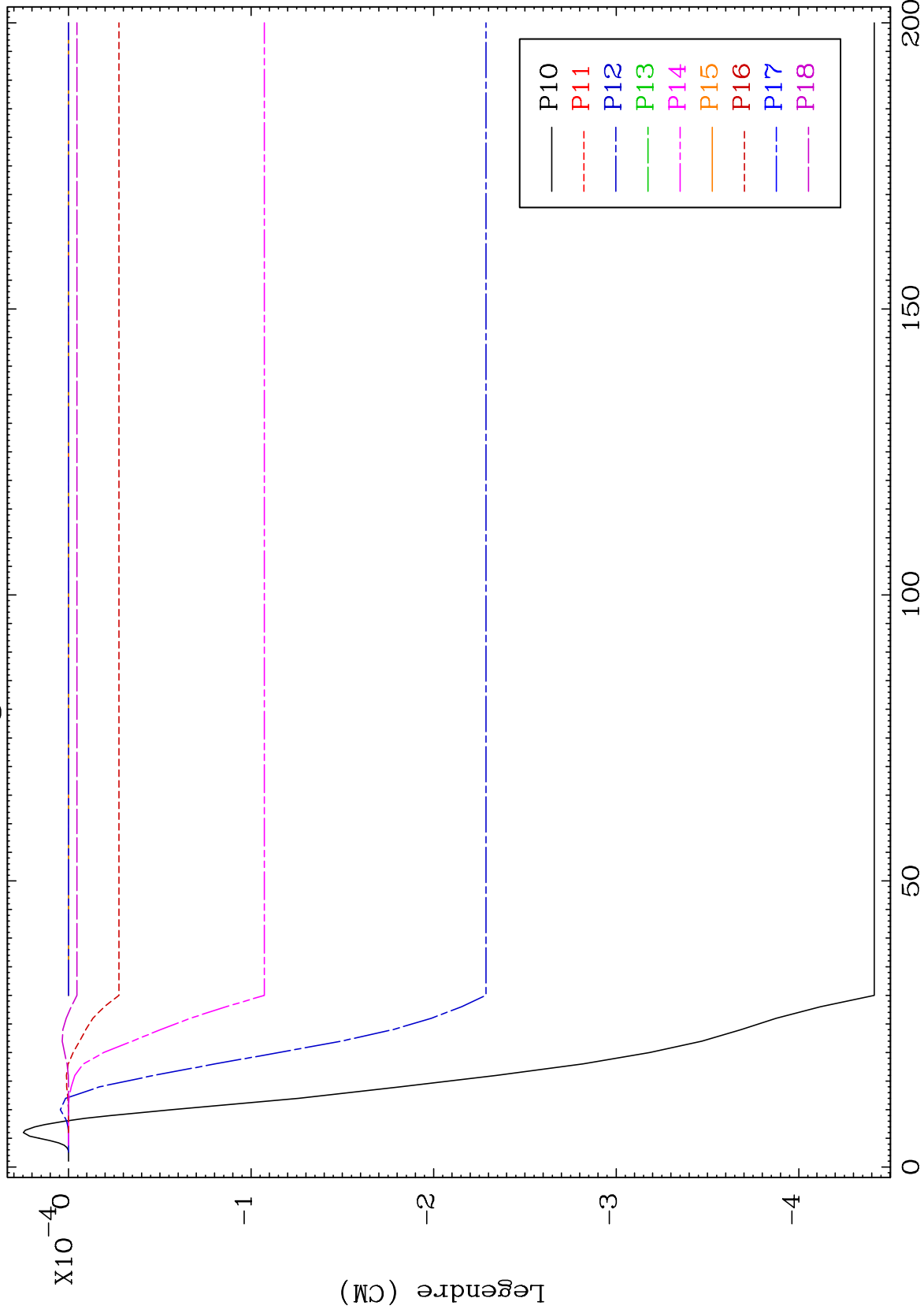
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



73

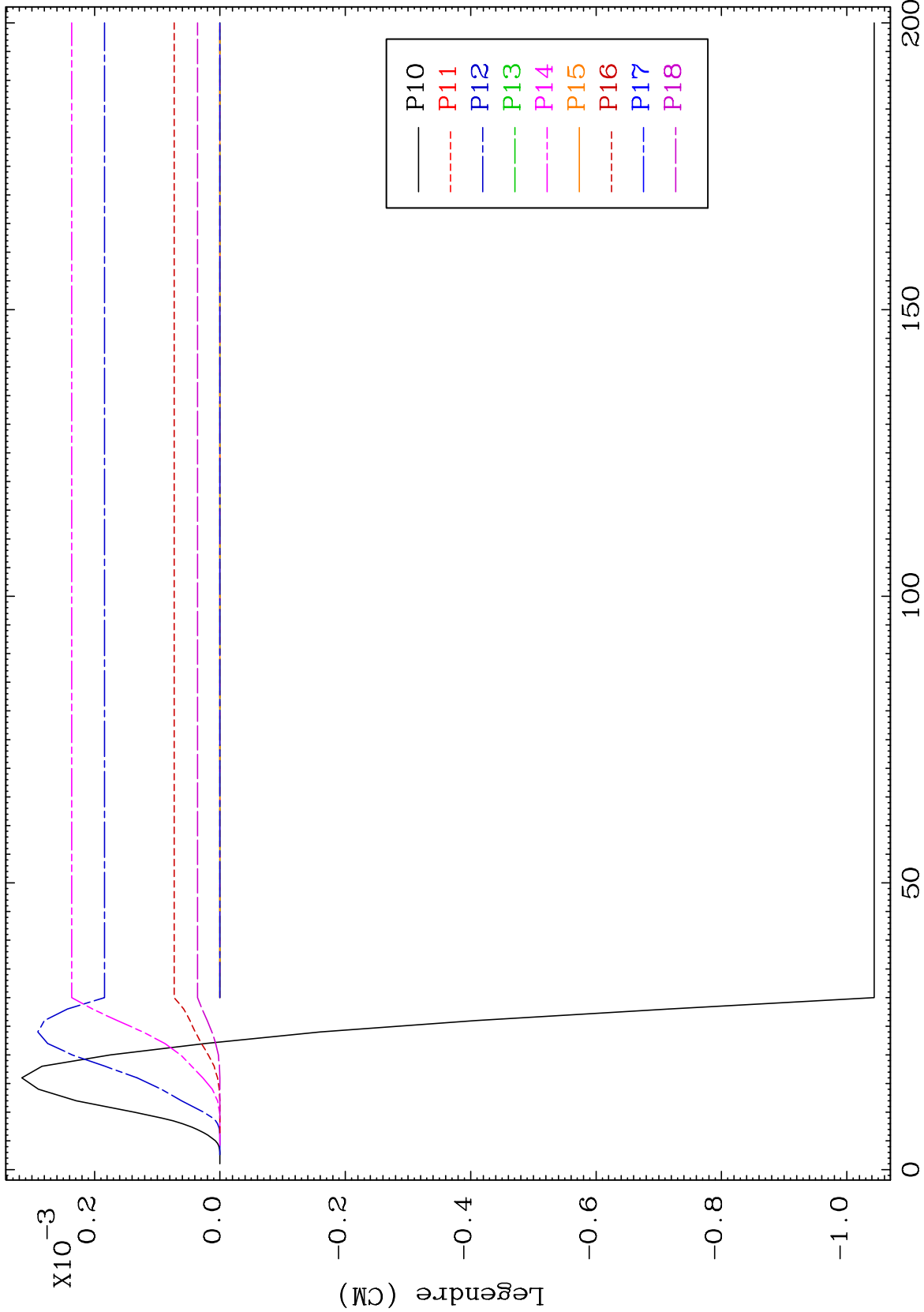
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

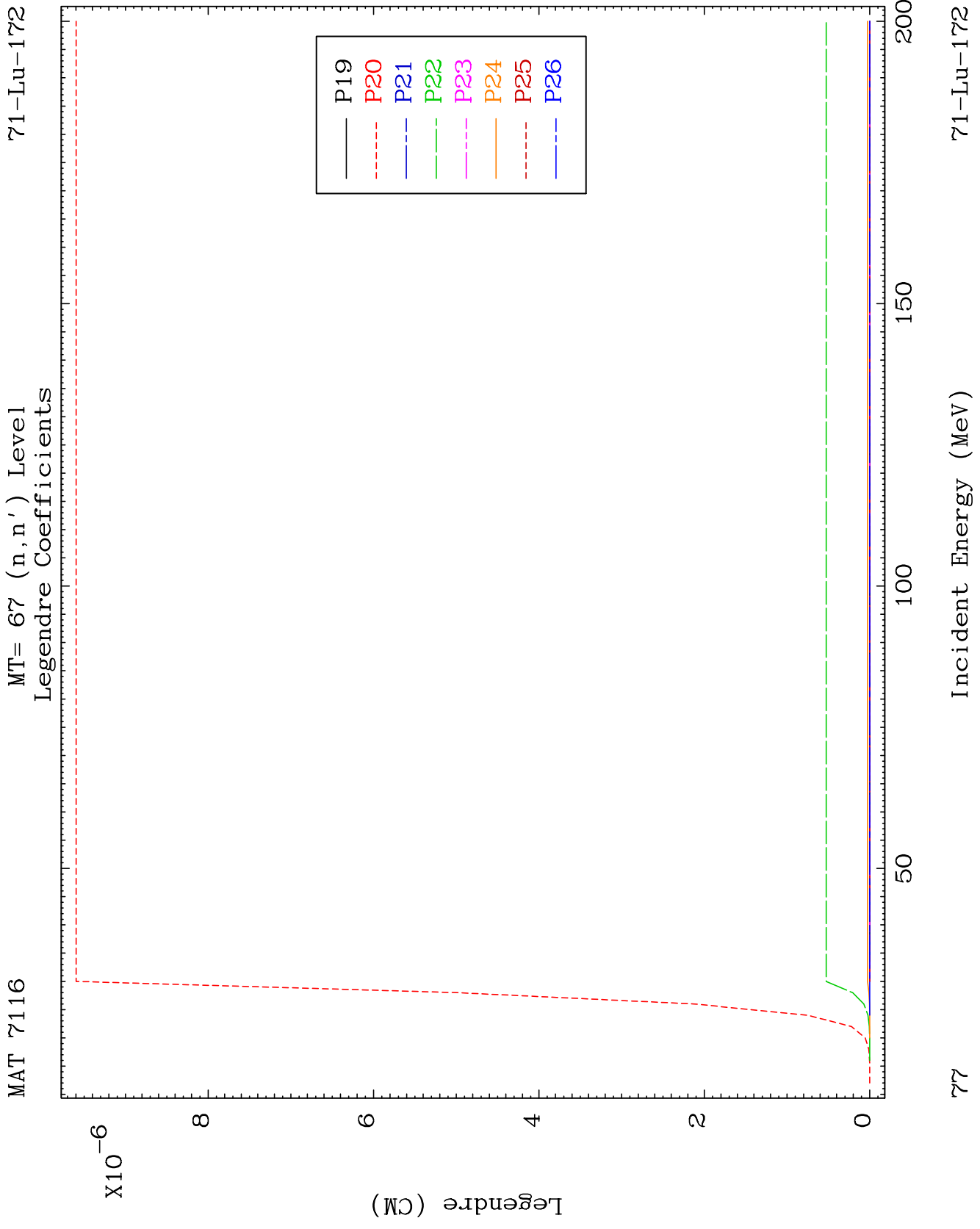
71-Lu-172

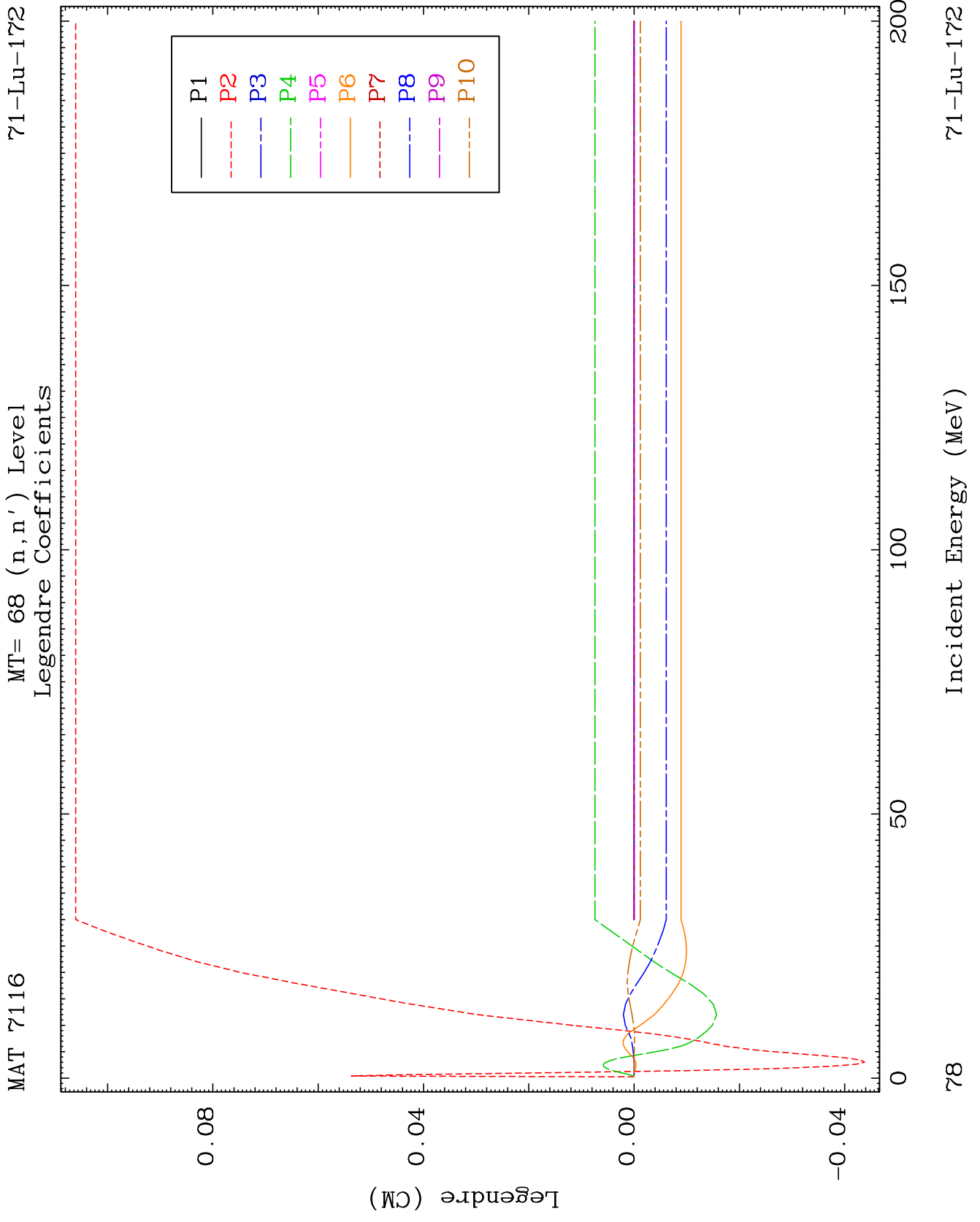


76

Incident Energy (MeV)

71-Lu-172

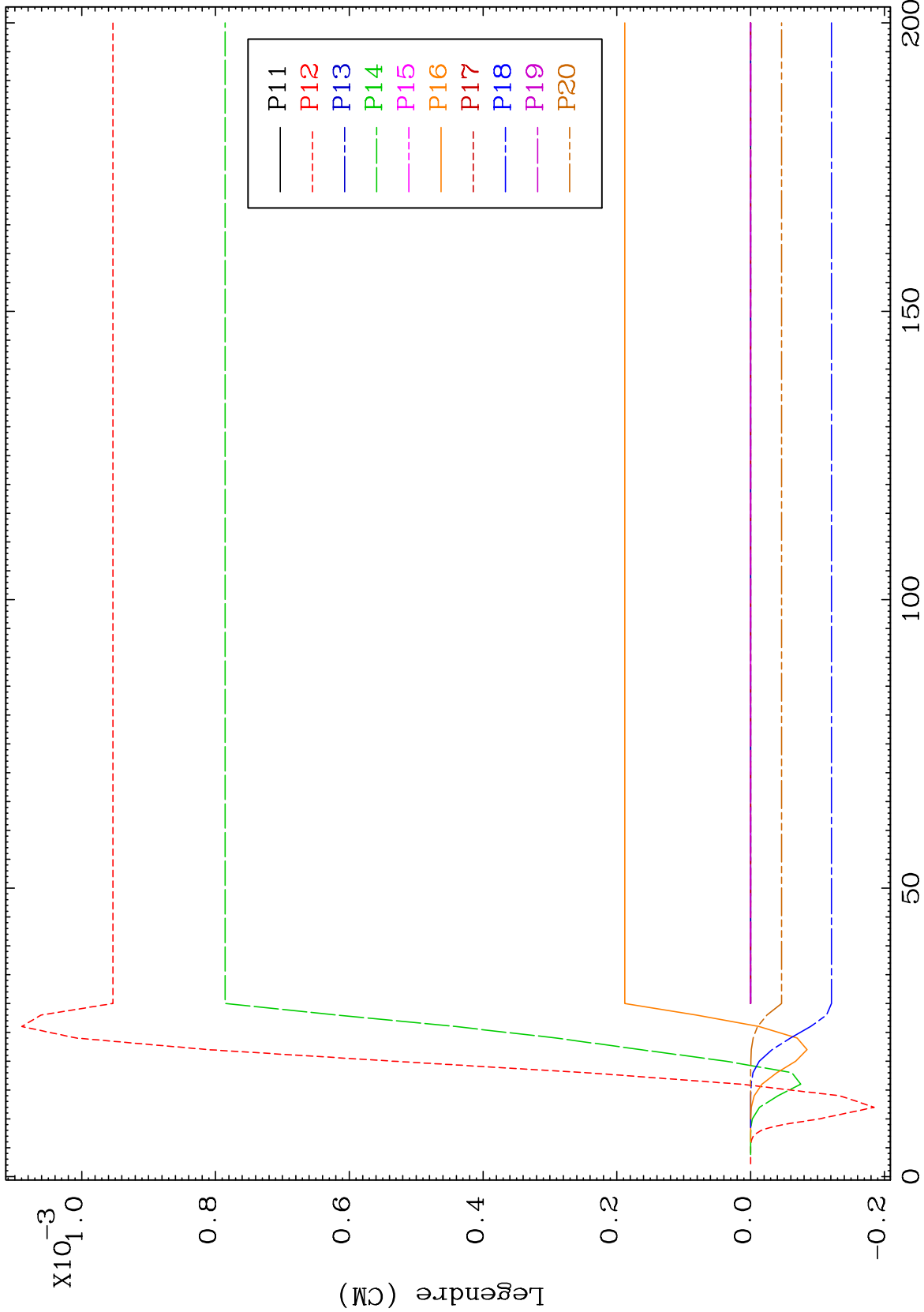




MAT 7116

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

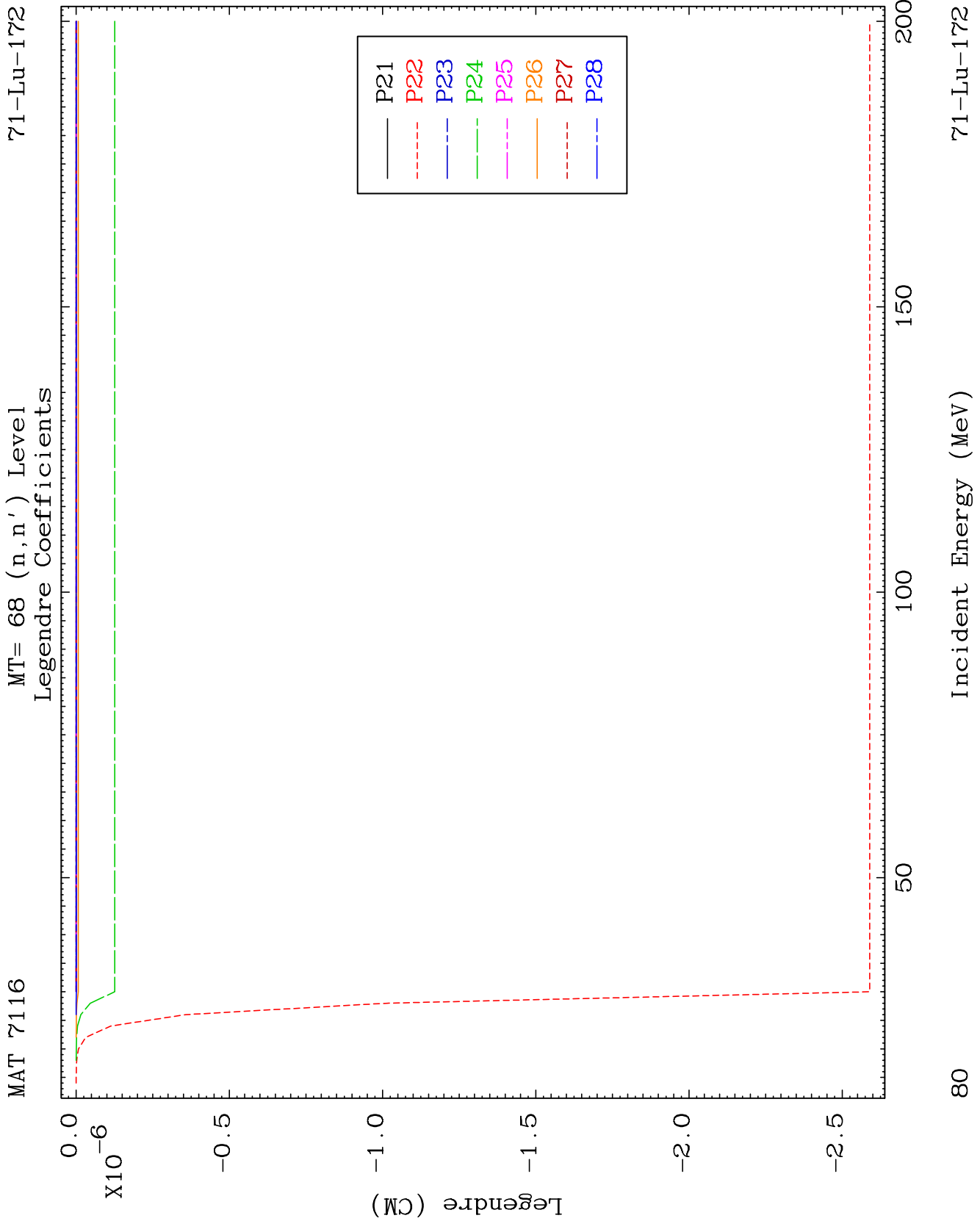
71-Lu-172

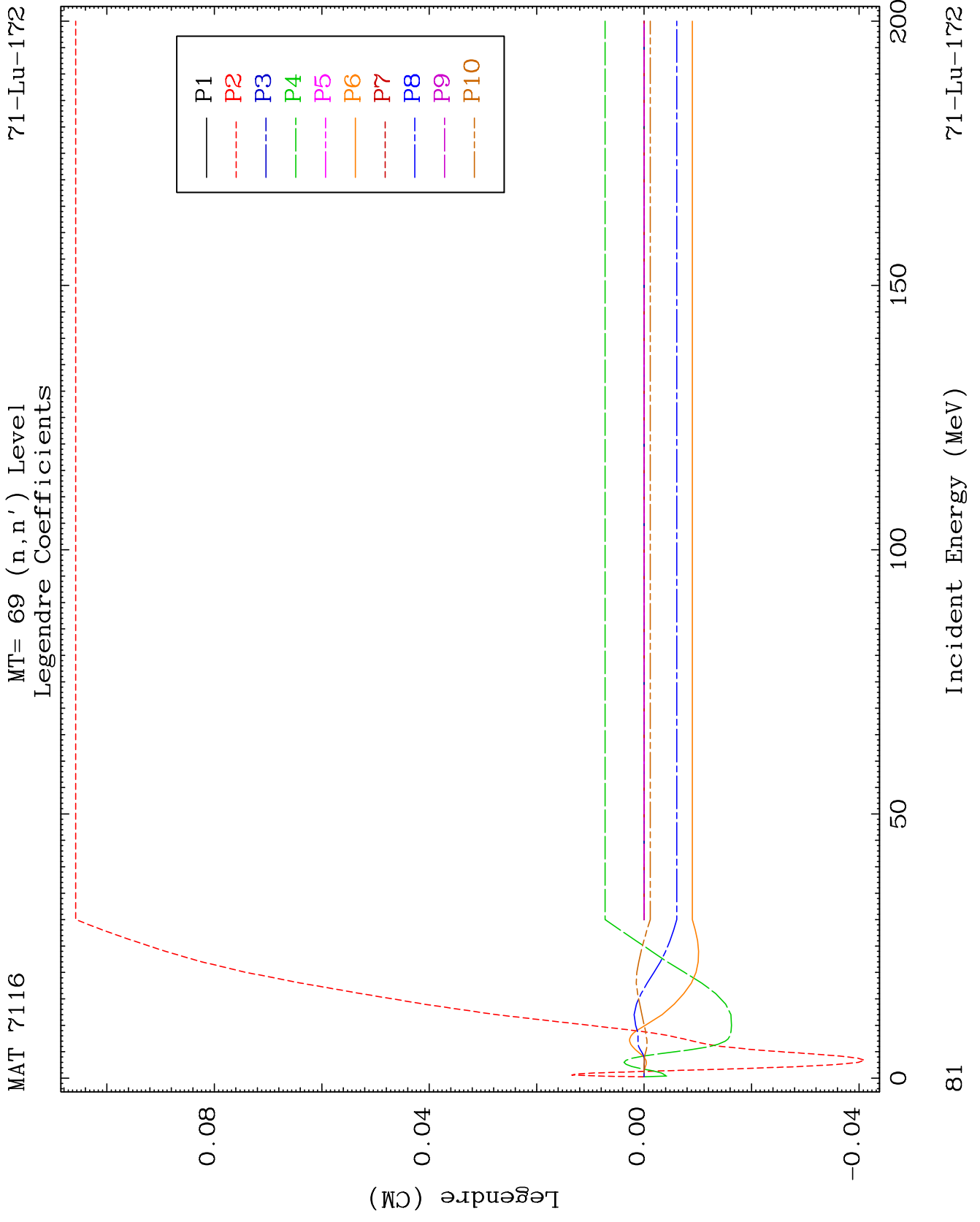


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Incident Energy (MeV)

71-Lu-172

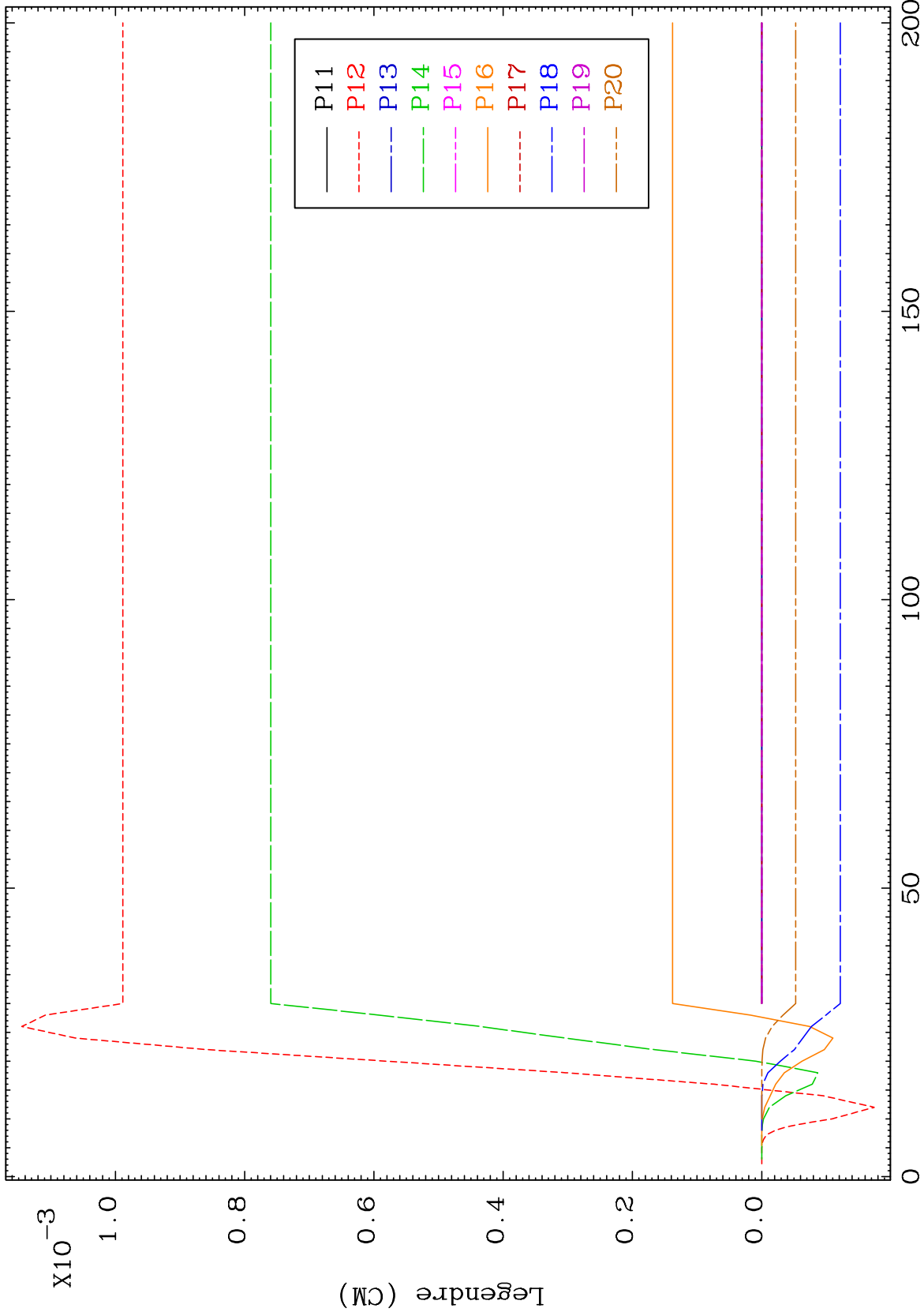




MAT 71116

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

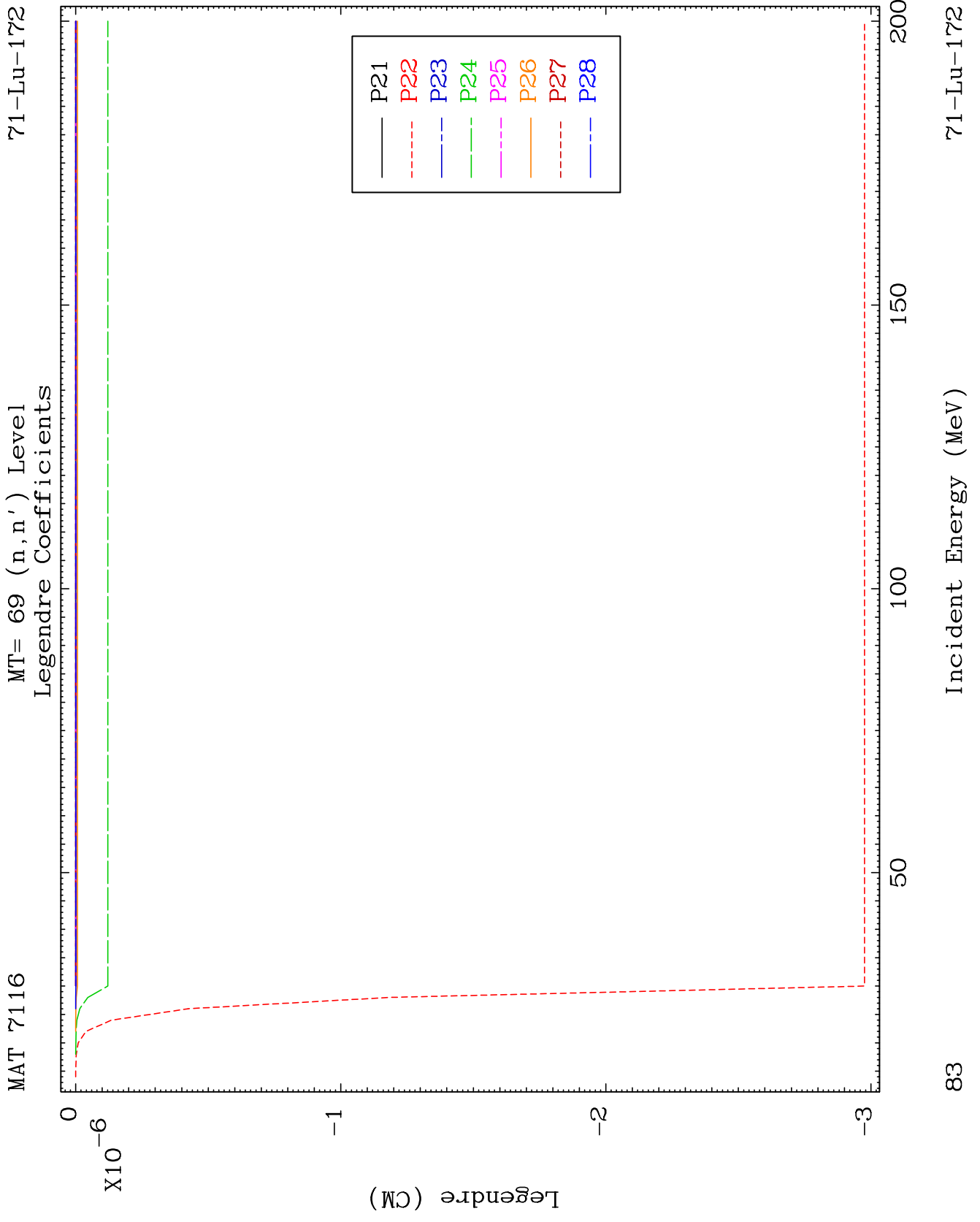
71-Lu-172



82

Incident Energy (MeV)

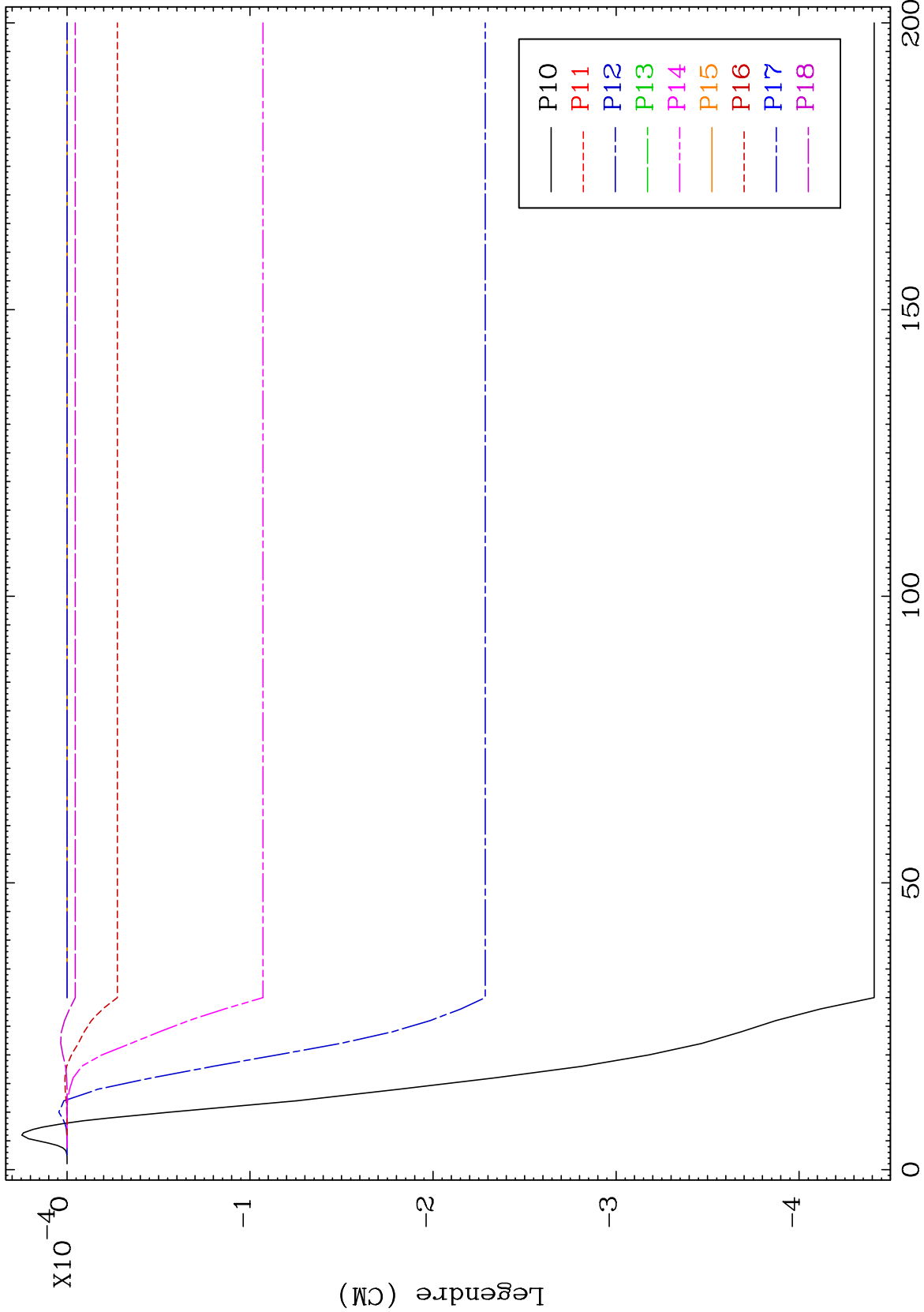
71-Lu-172



MAT 7116

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

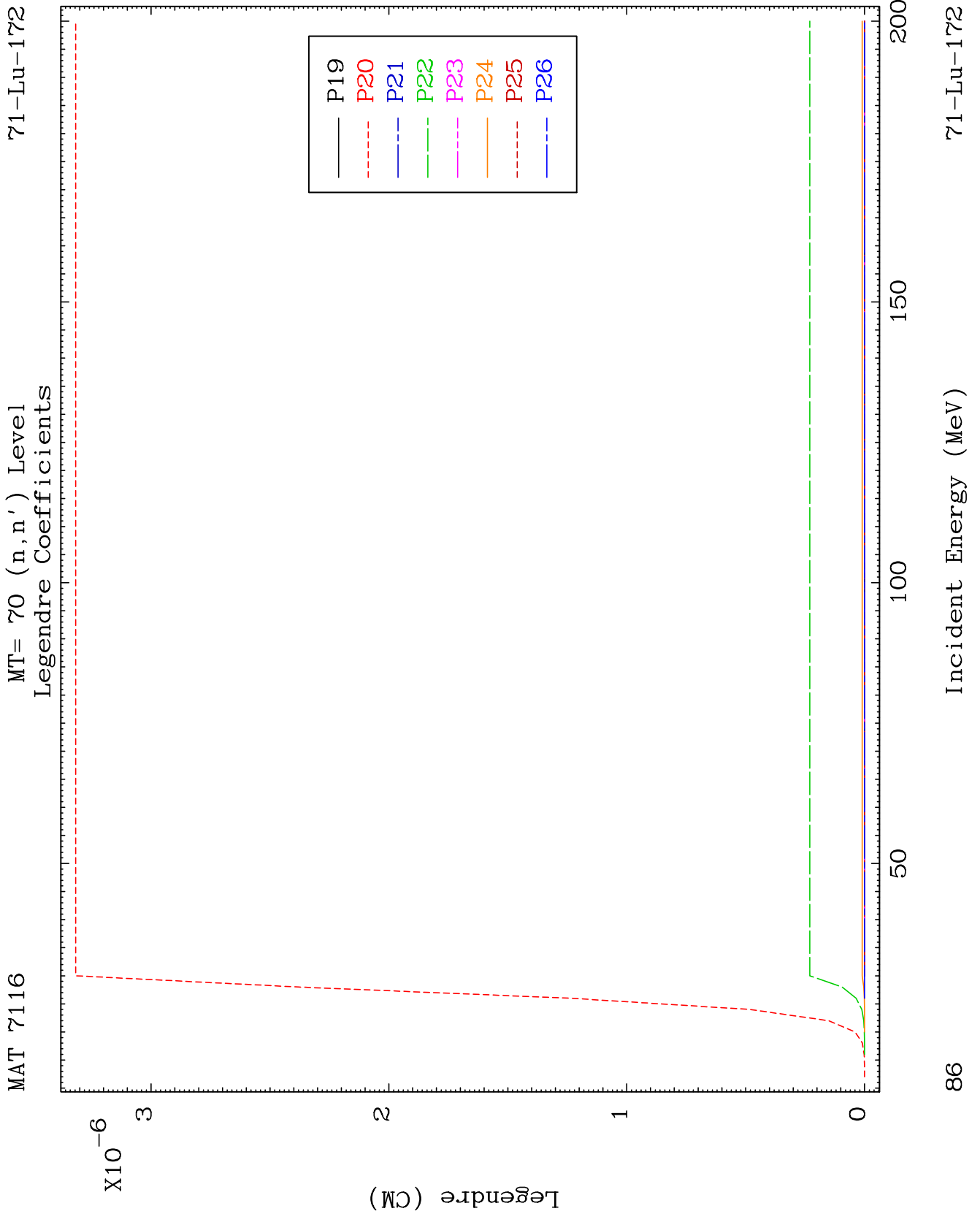
71-Lu-172



85

Incident Energy (MeV)

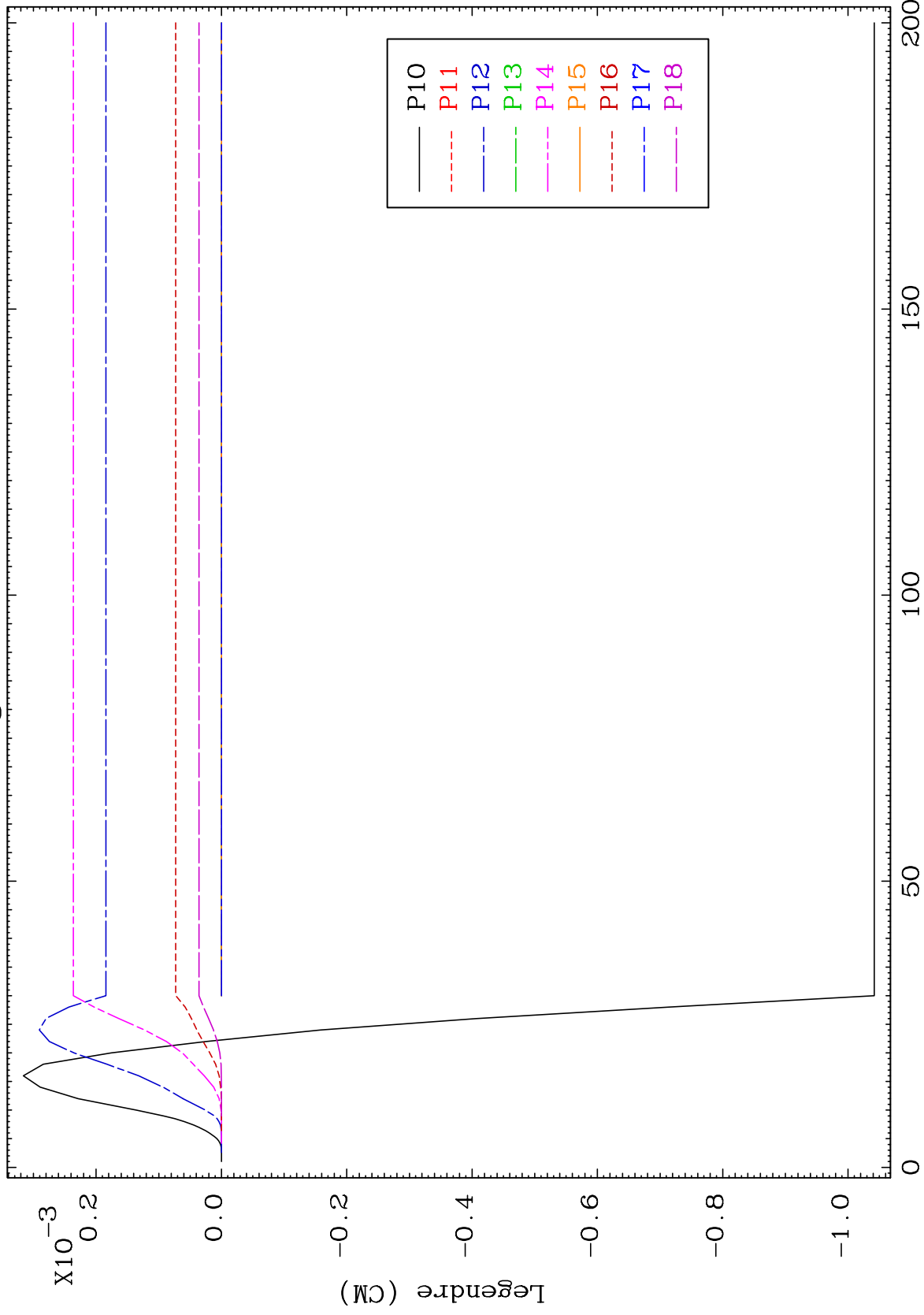
71-Lu-172



MAT 7116

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

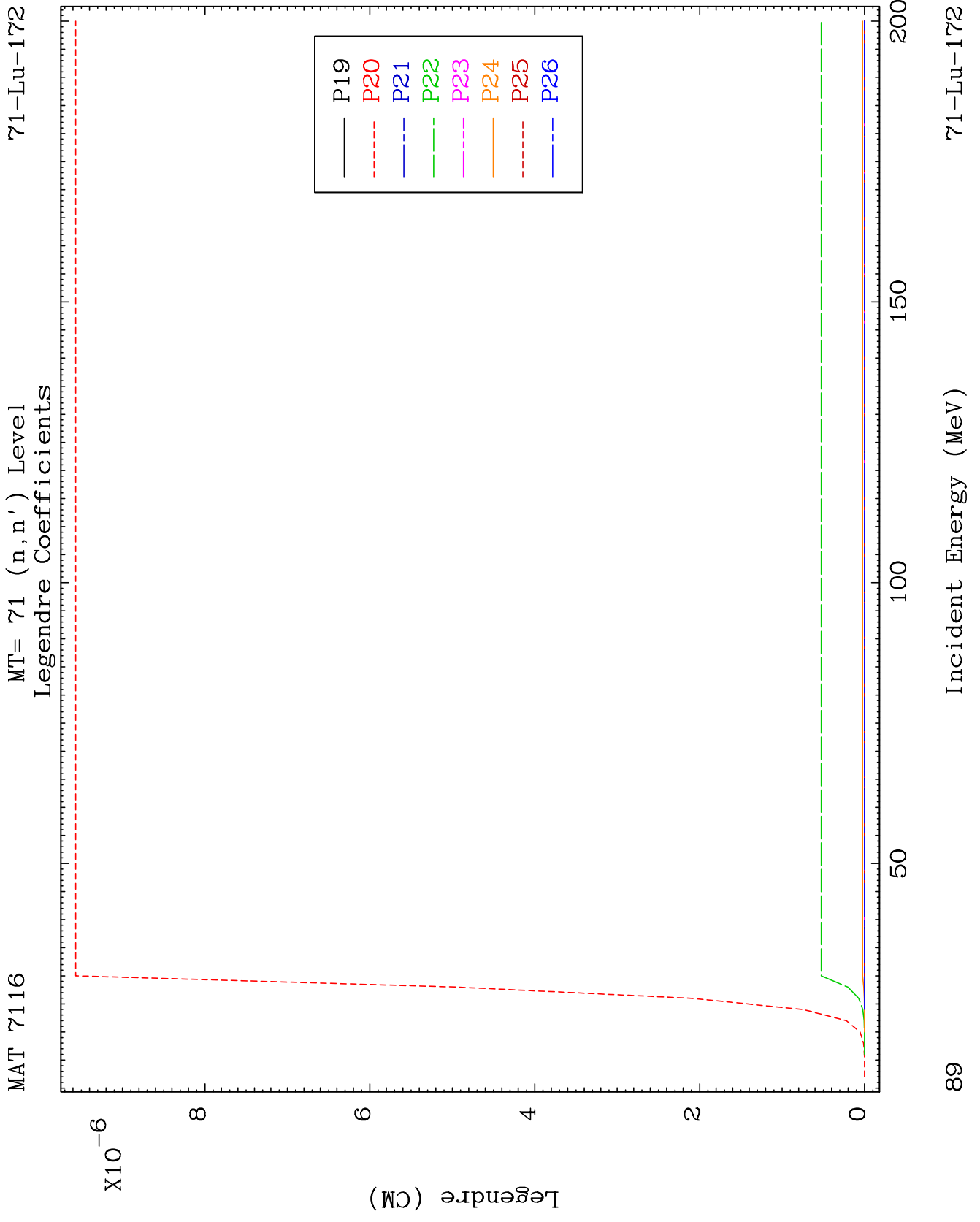
71-Lu-172



88

Incident Energy (MeV)

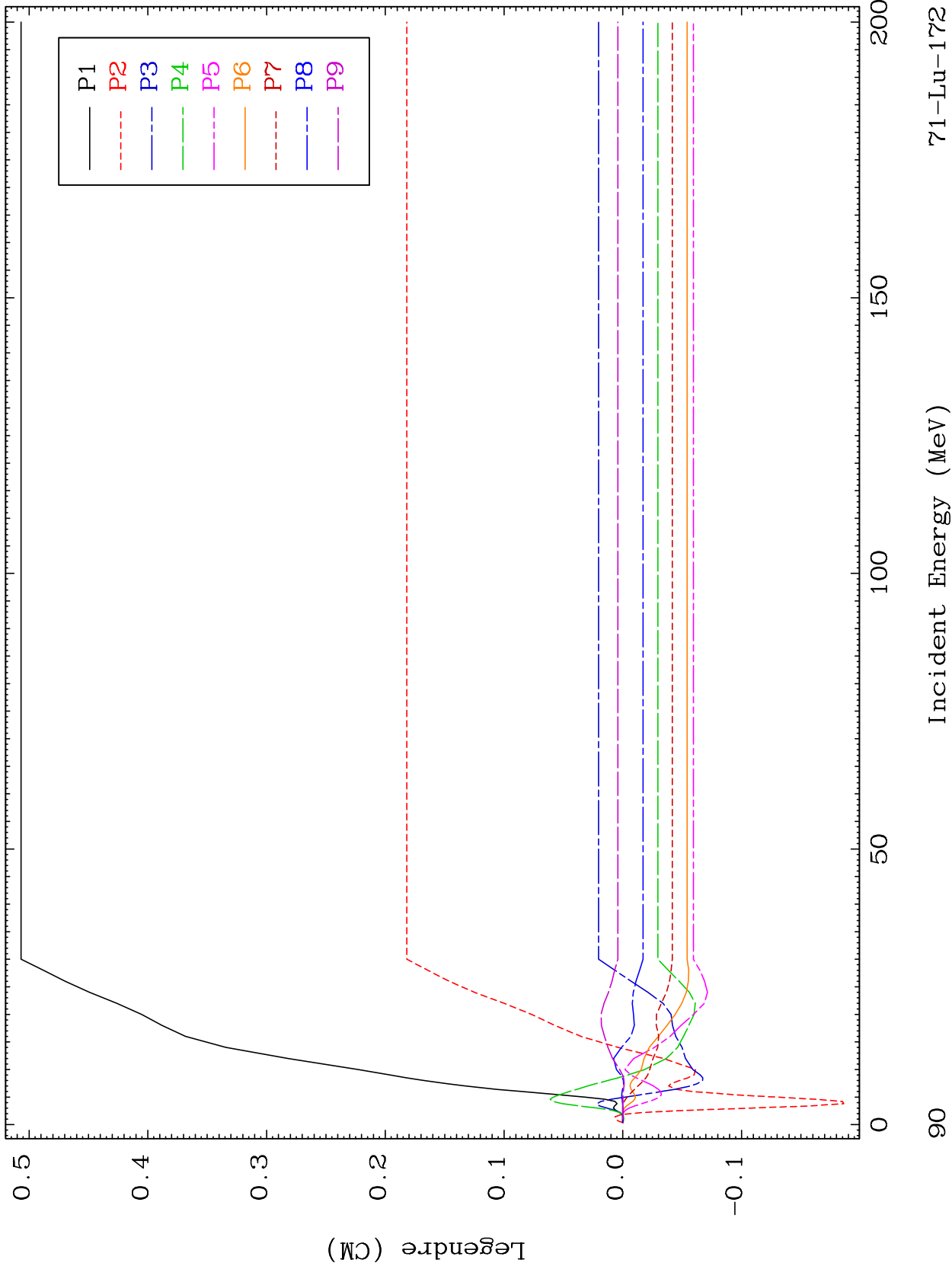
71-Lu-172

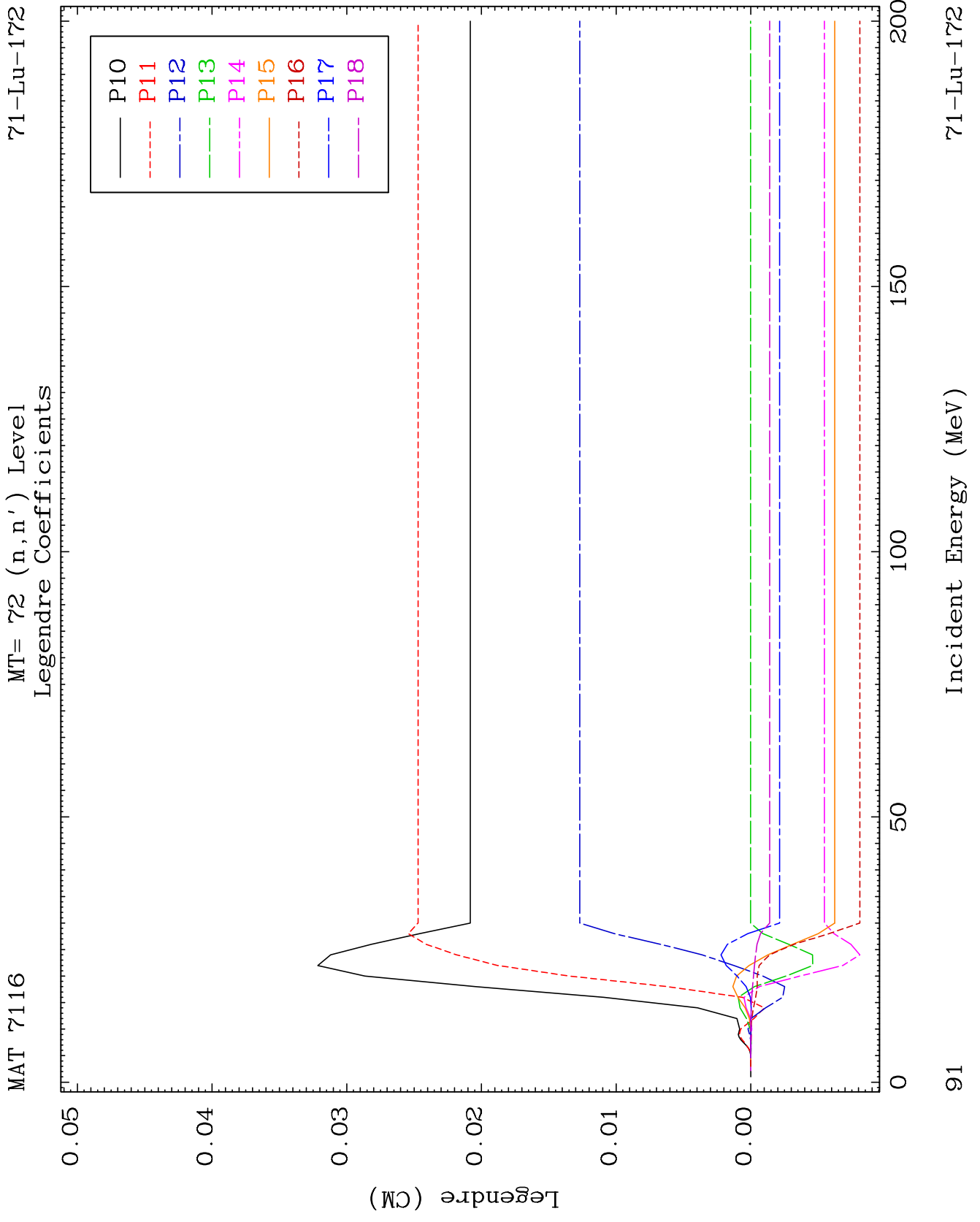


MAT 7116

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

71-Lu-172

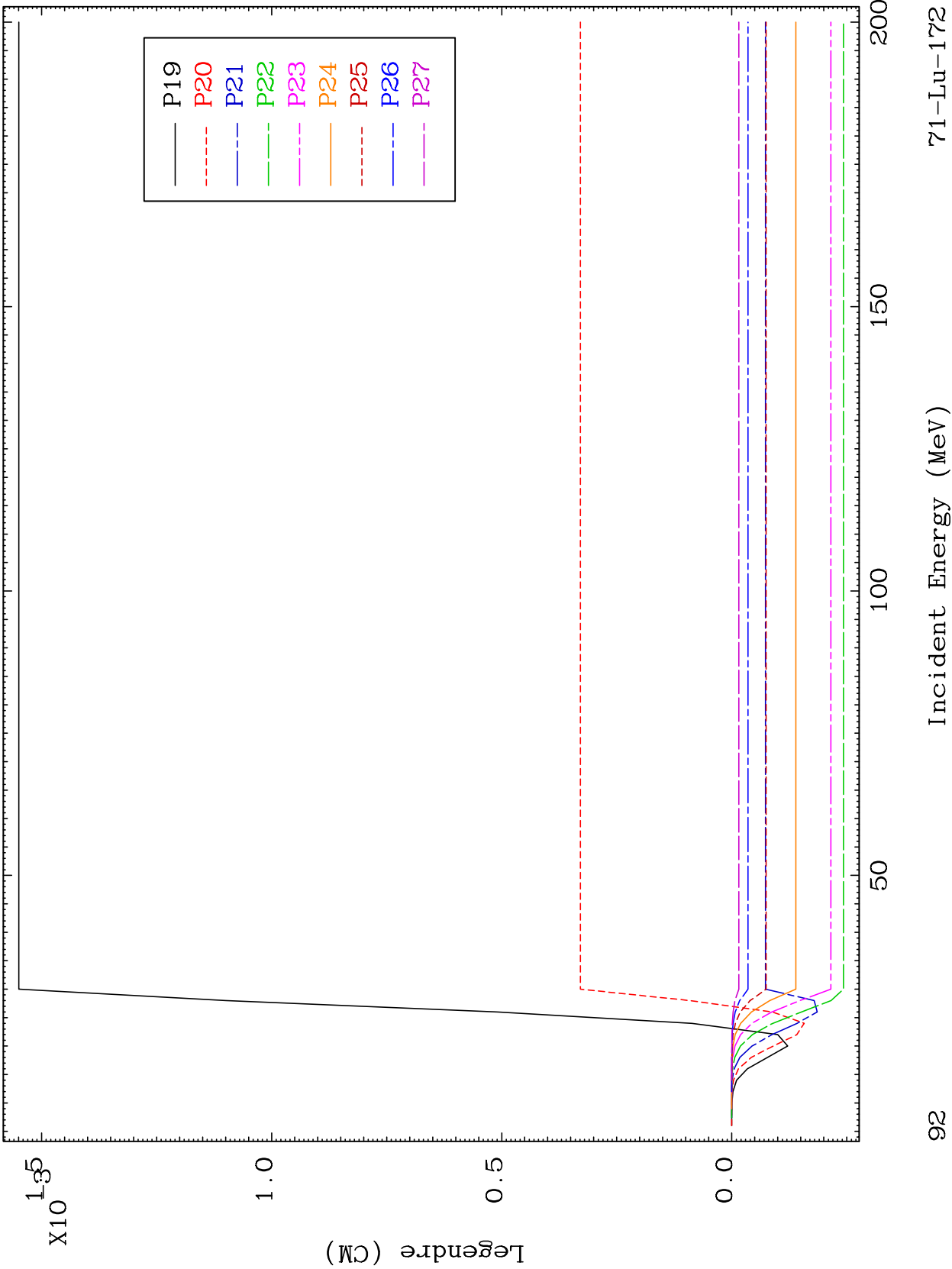




MAT 7116

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

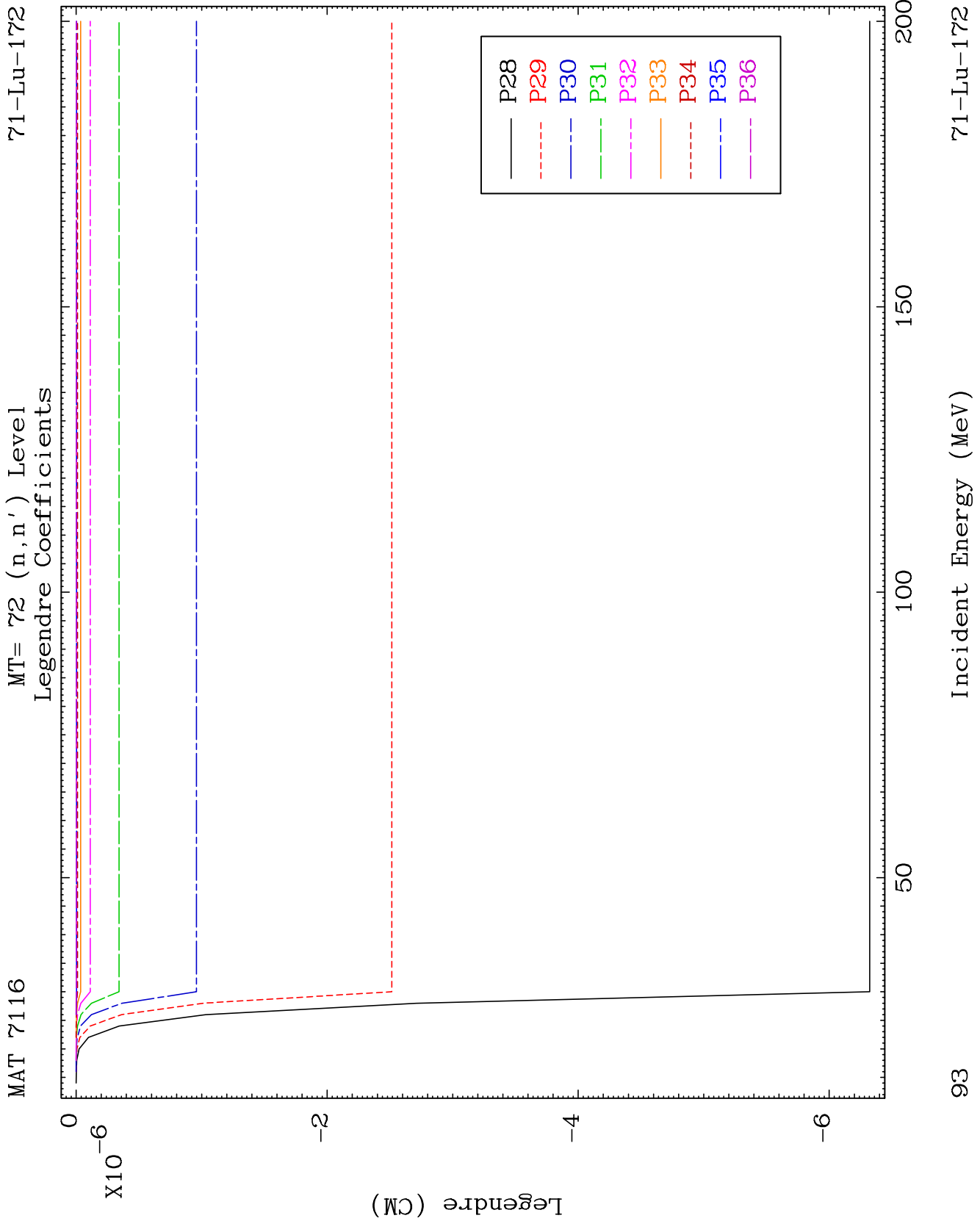
71-Lu-172

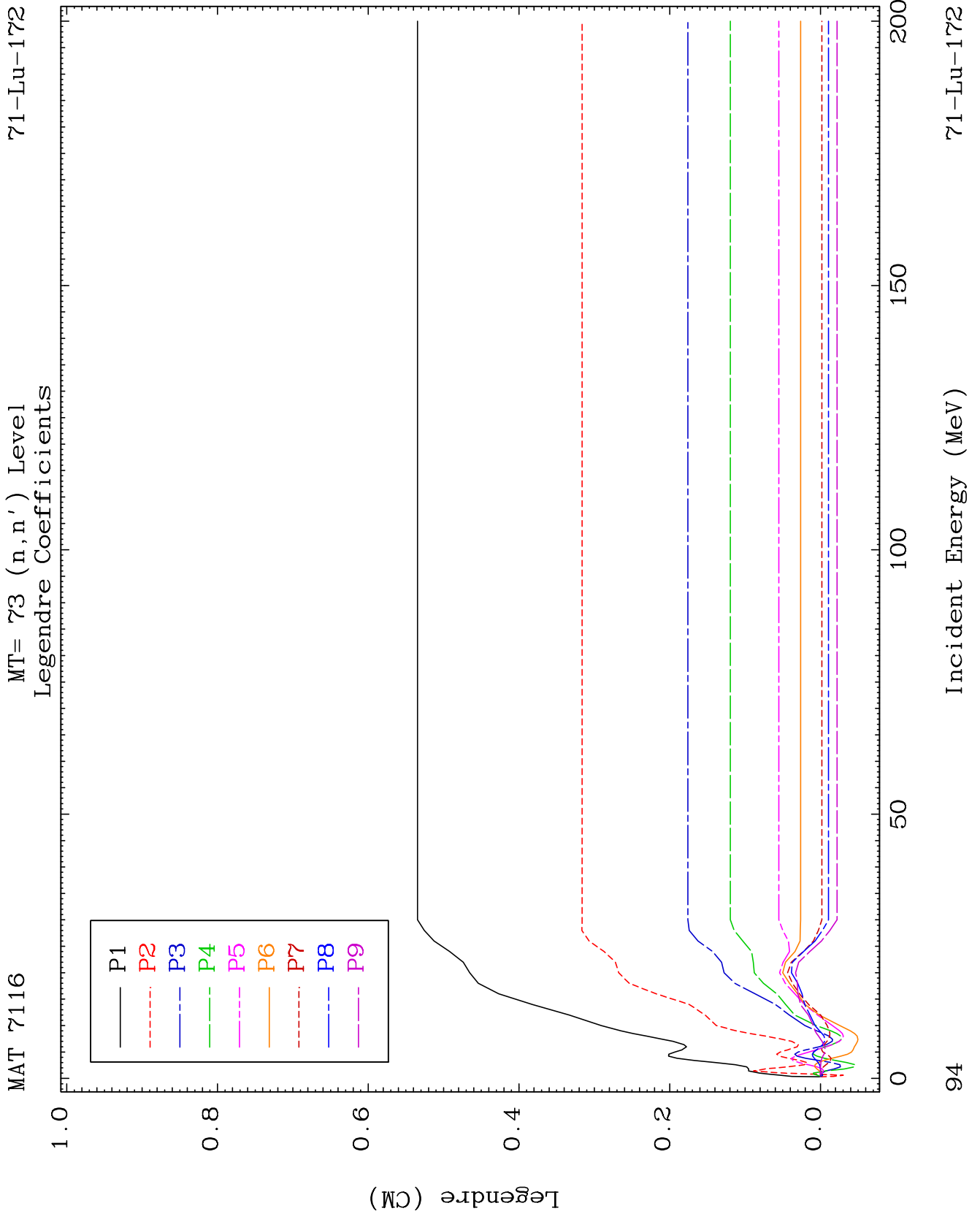


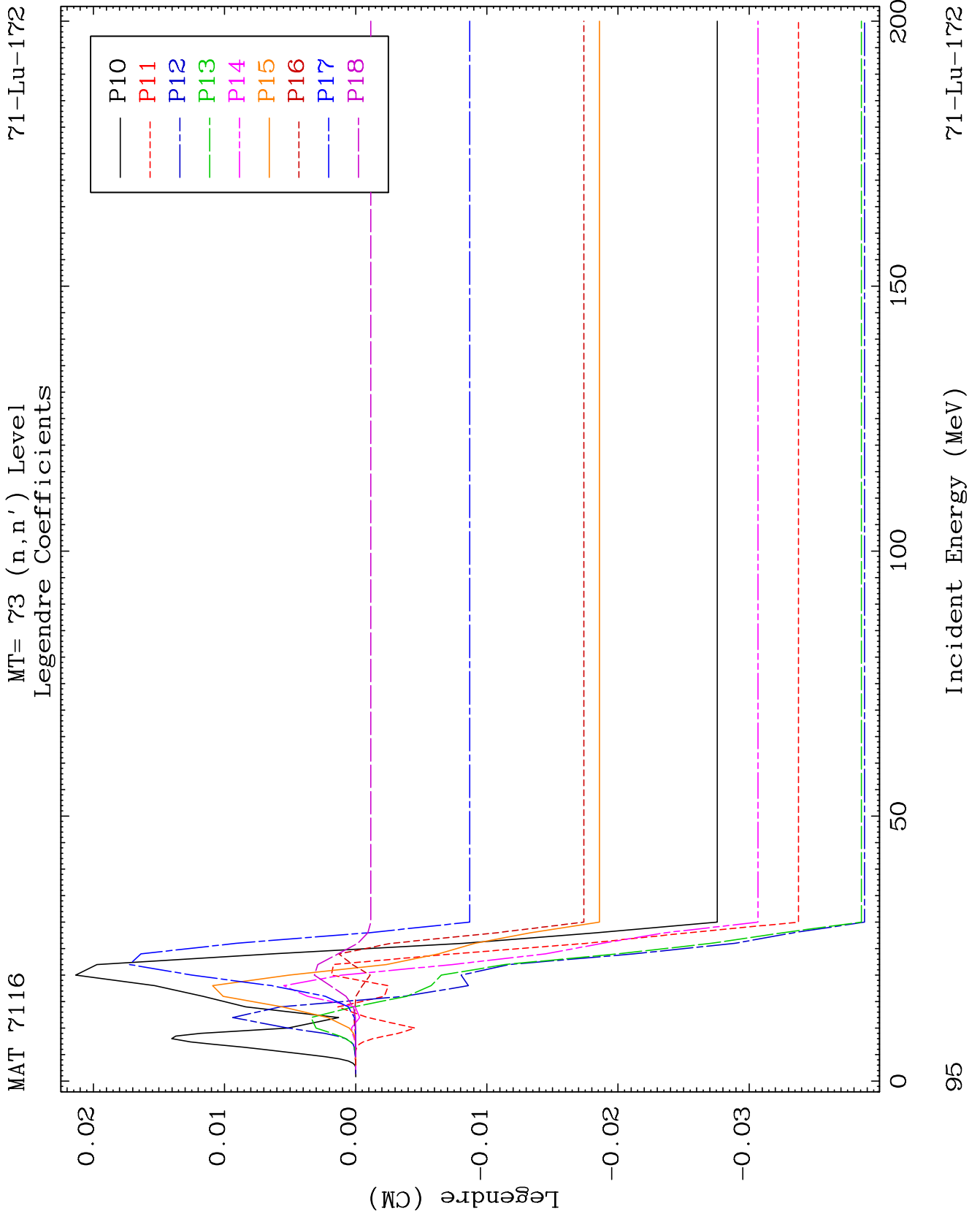
92

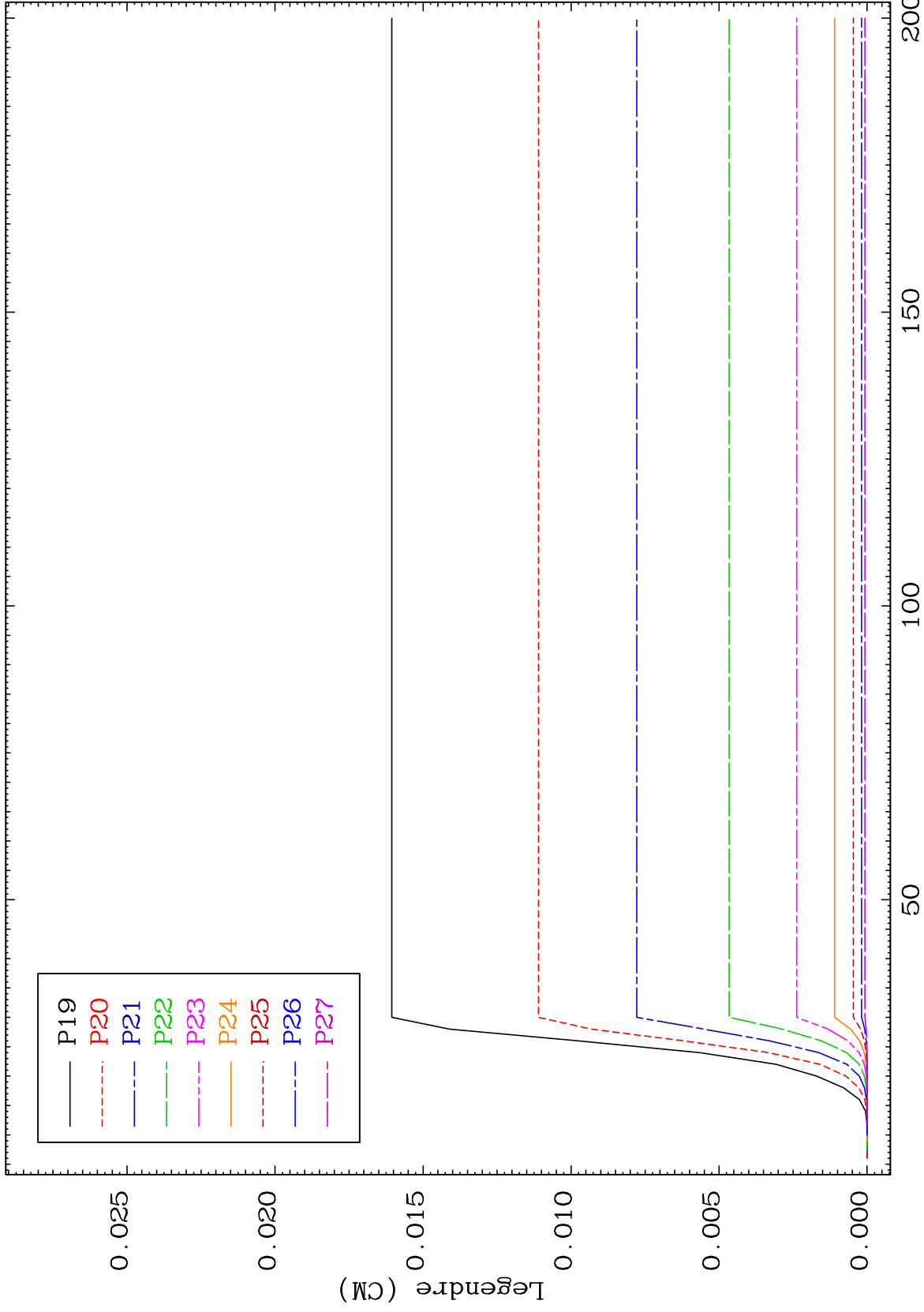
Incident Energy (MeV)

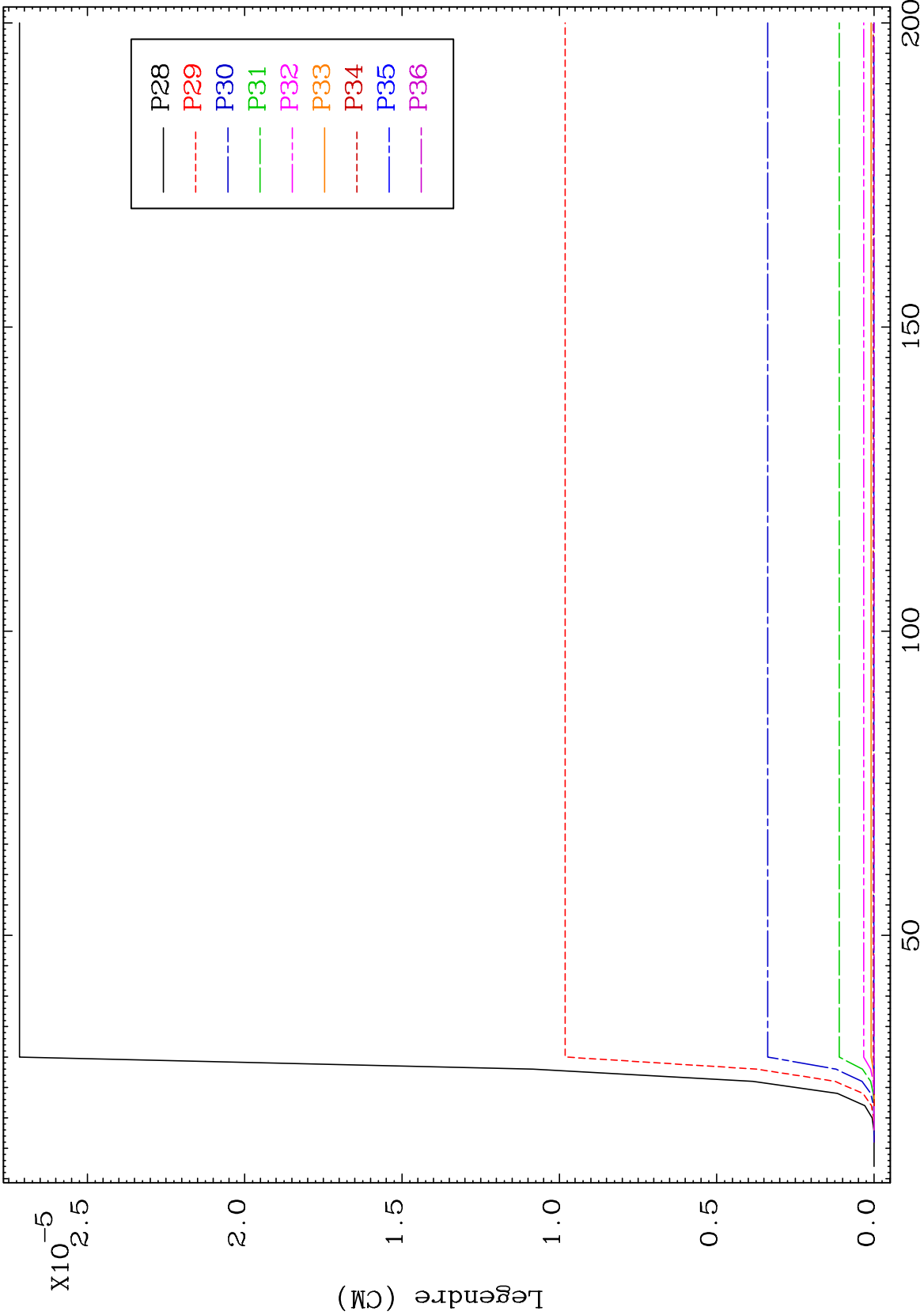
71-Lu-172

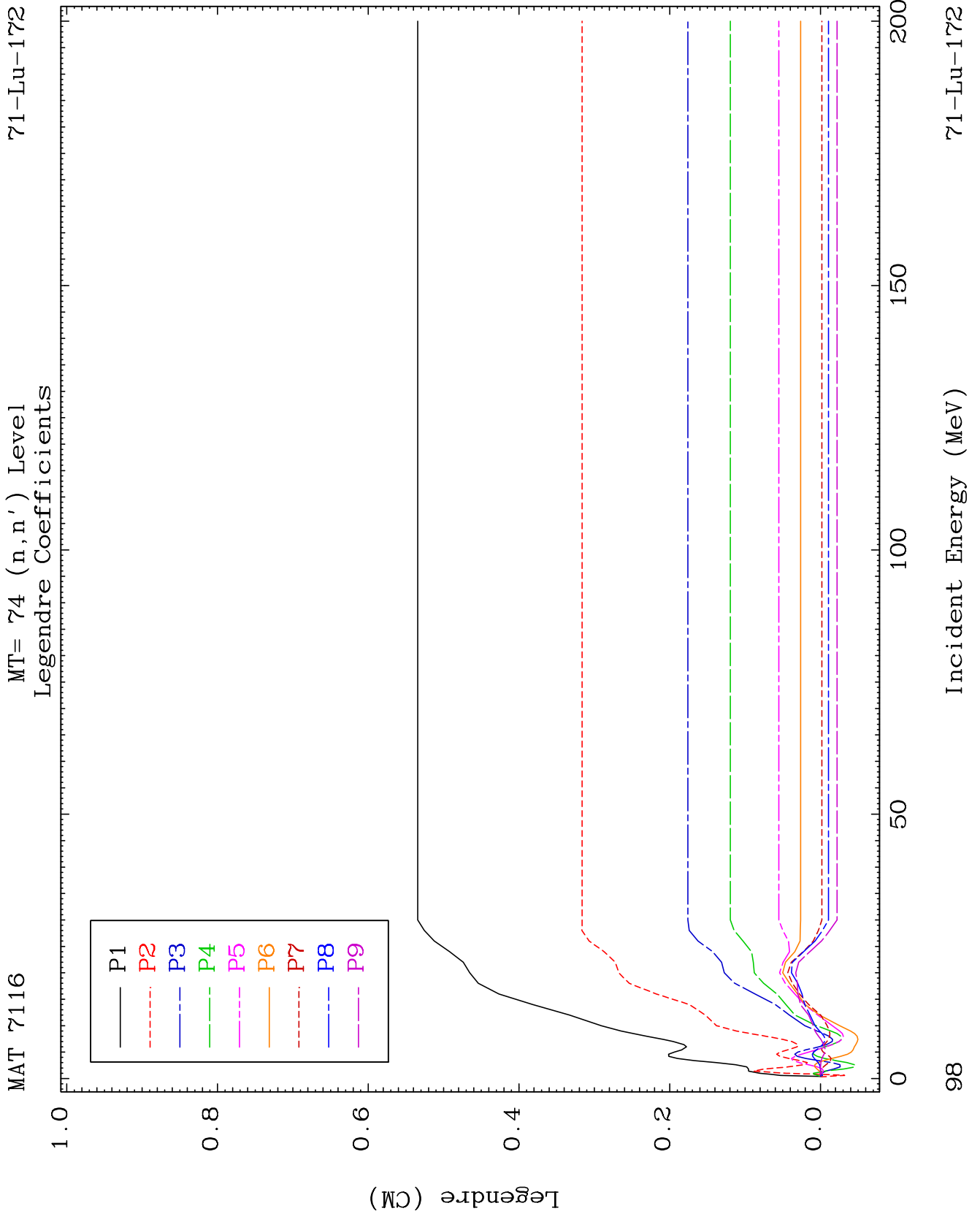








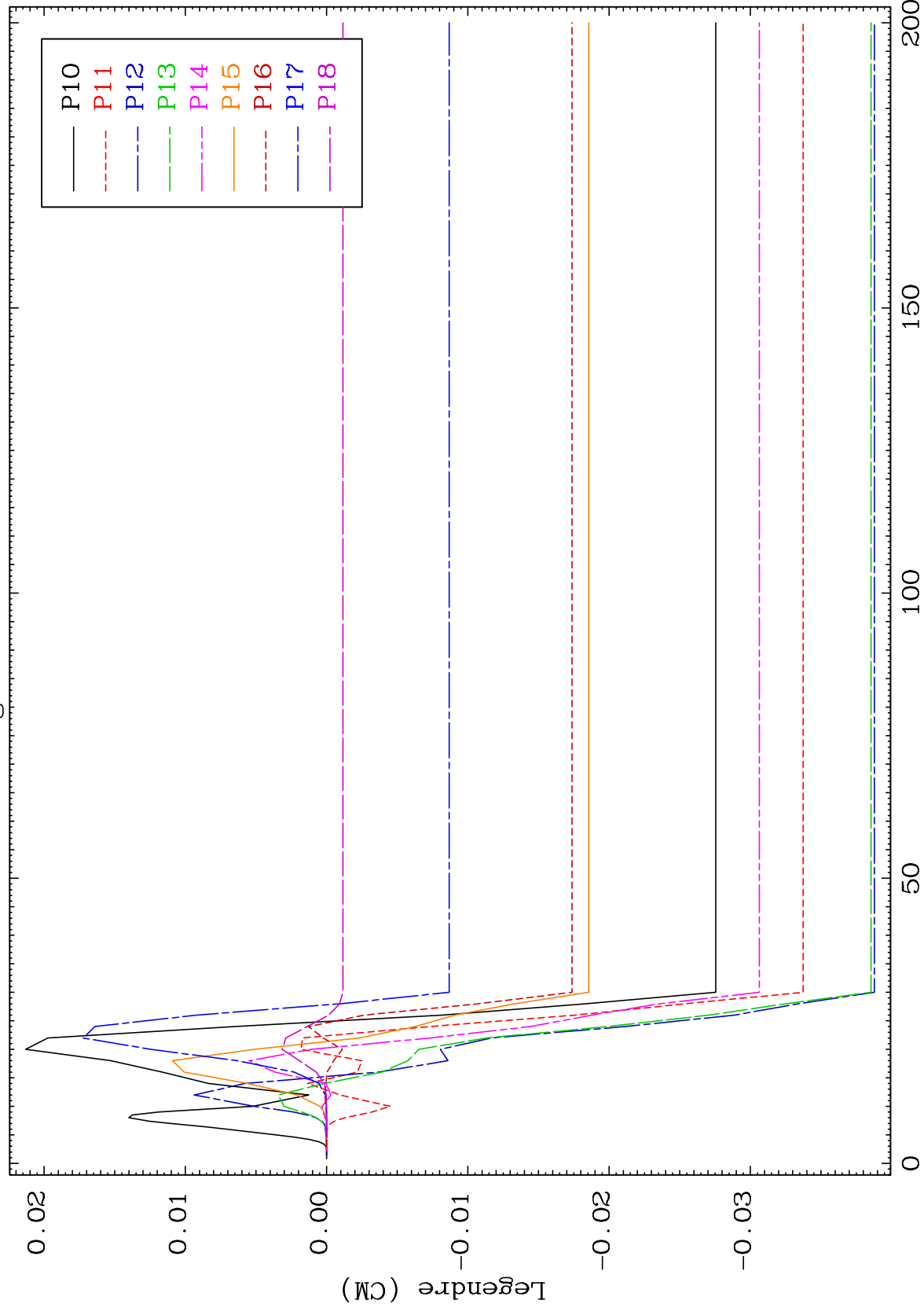




MAT 7116

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

71-Lu-172



99

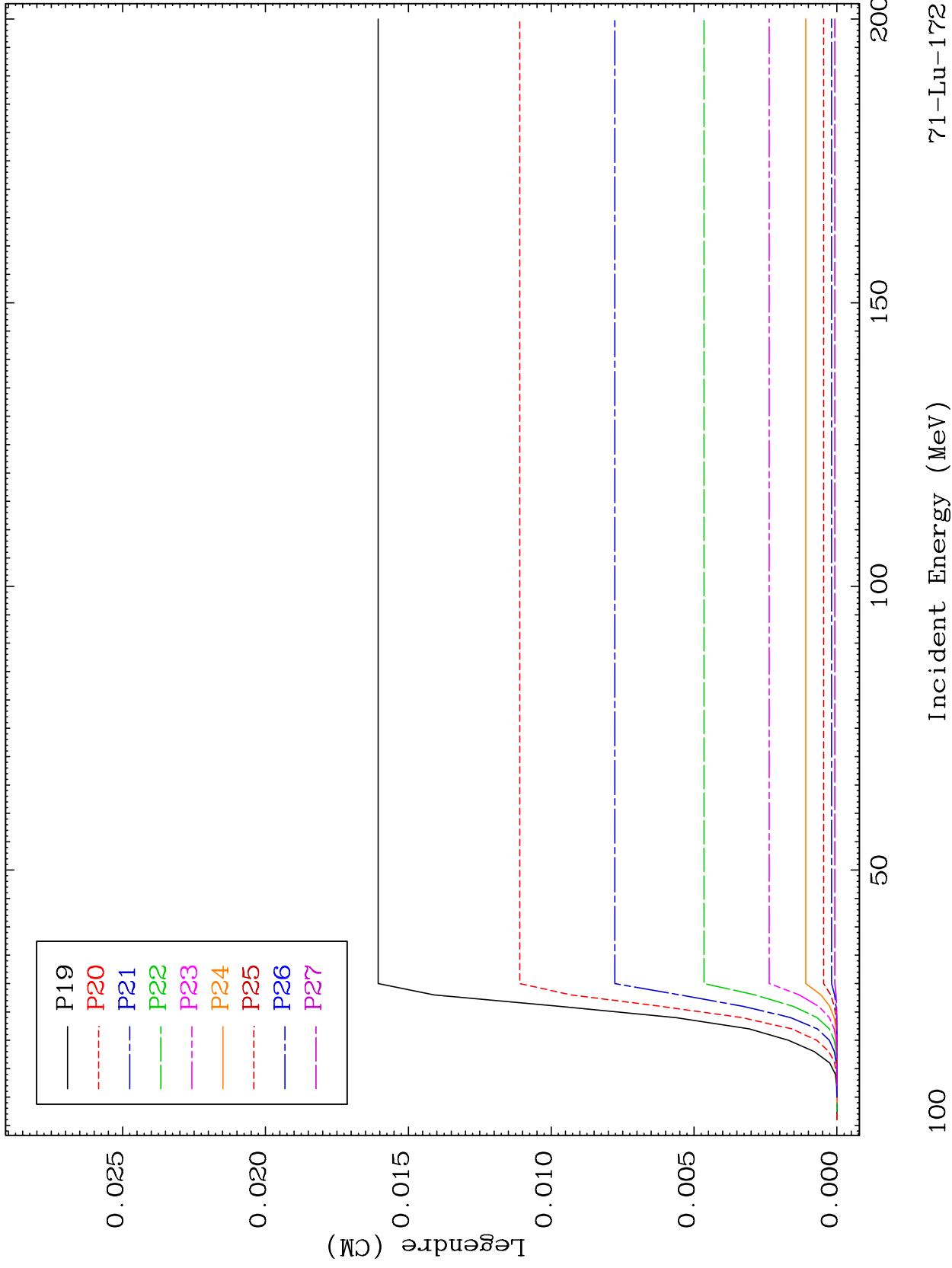
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



71-Lu-172

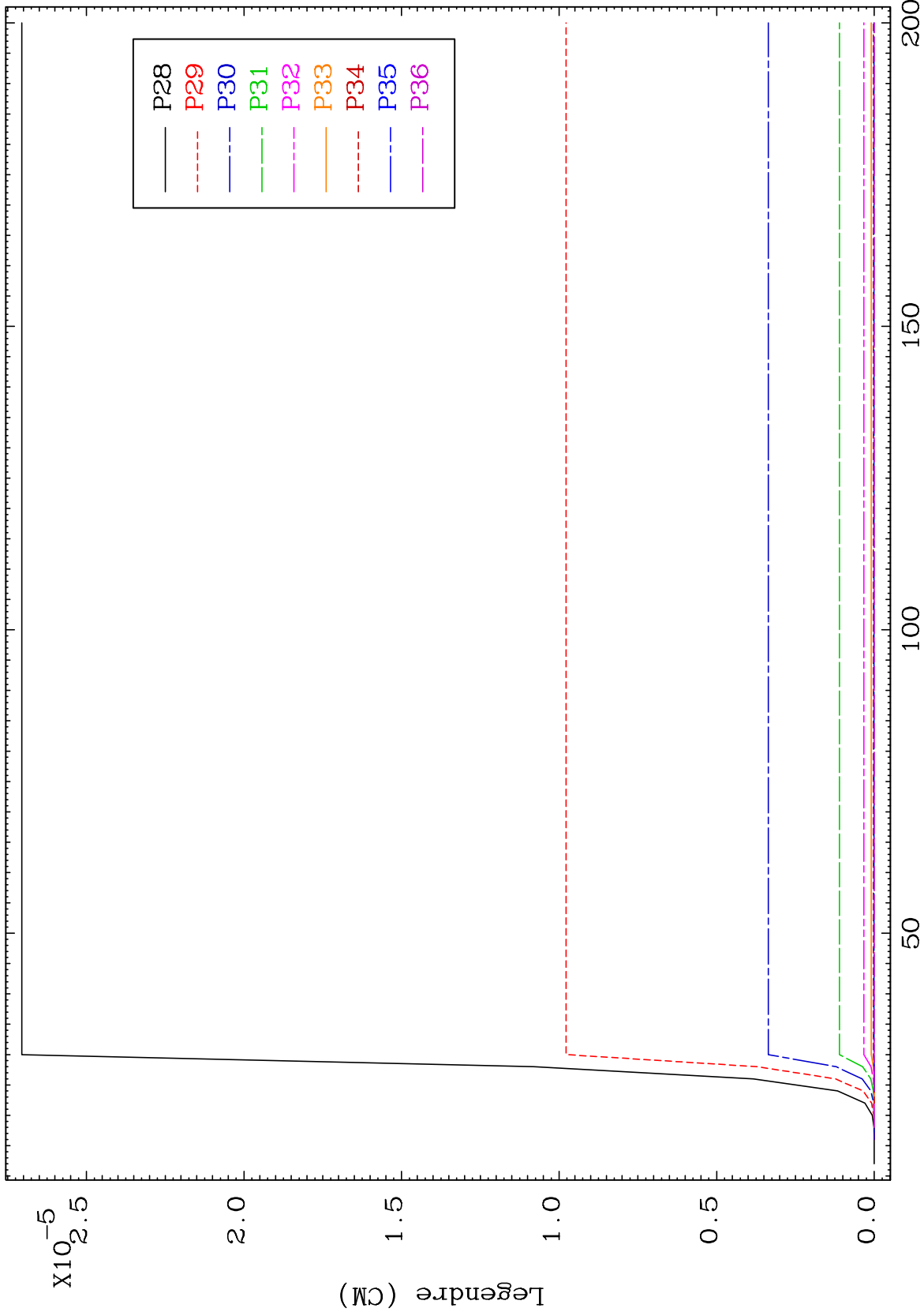
Incident Energy (MeV)

100

MAT 7116

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

71-Lu-172



101

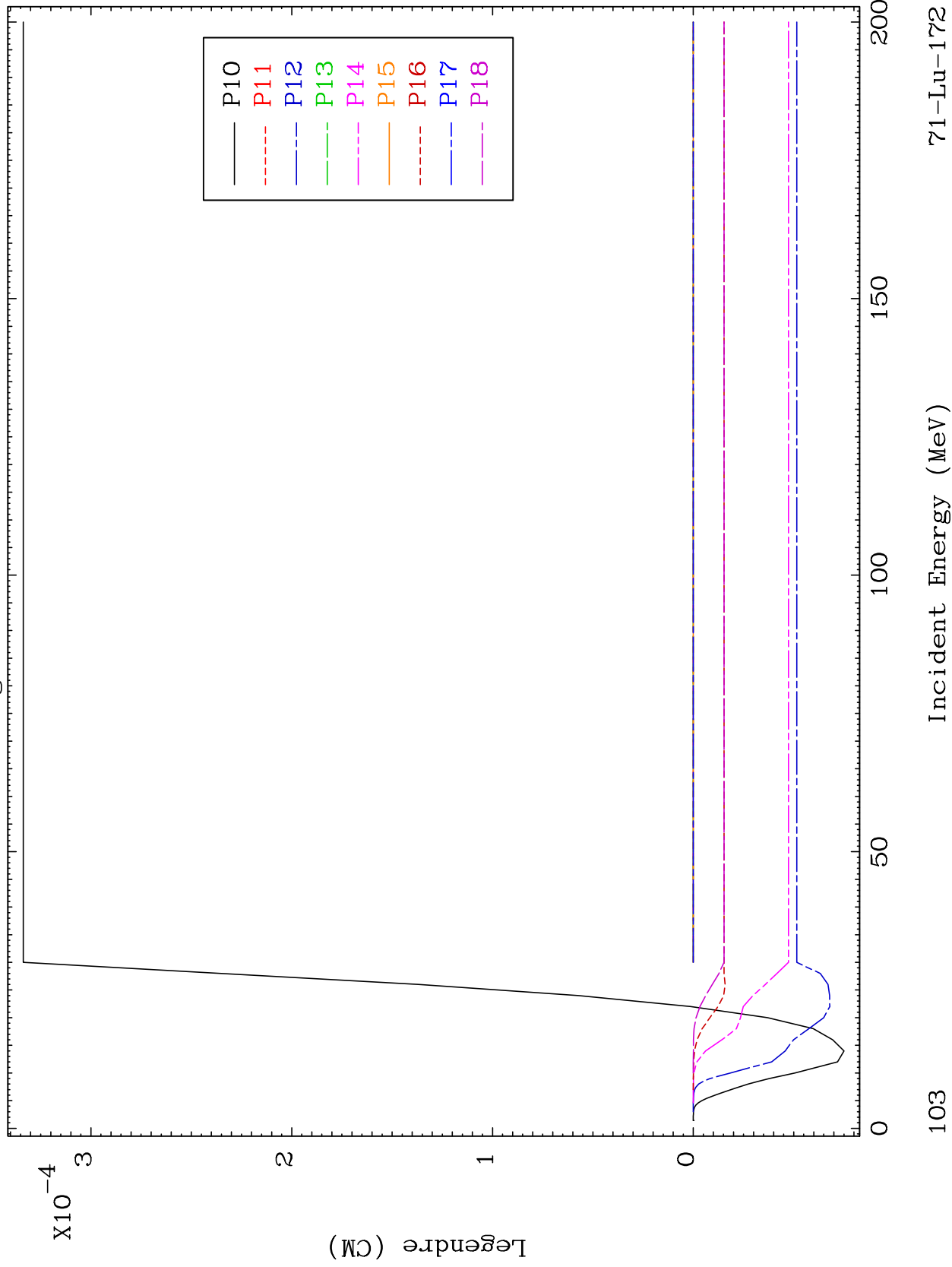
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

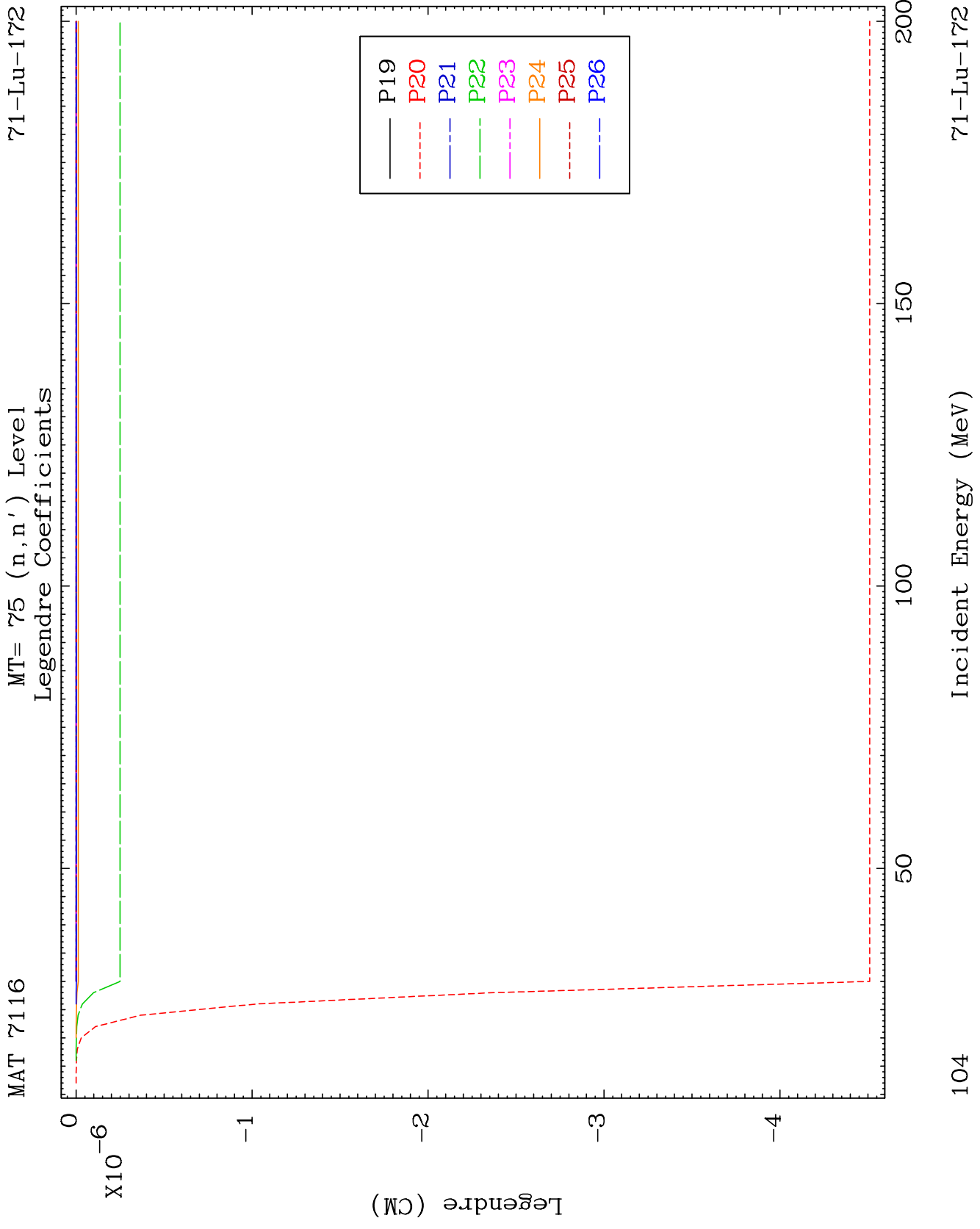
71-Lu-172

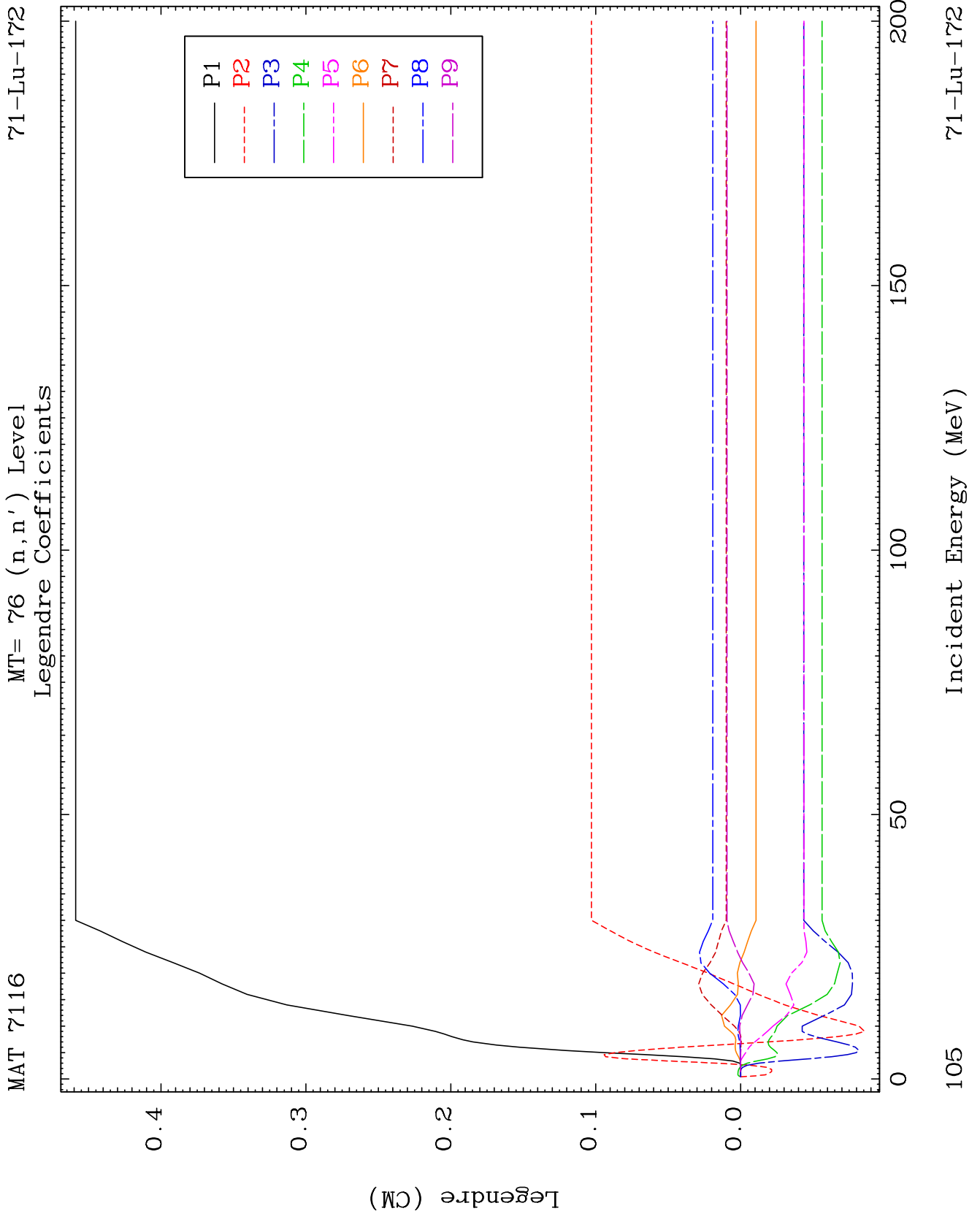


71-Lu-172

Incident Energy (MeV)

103

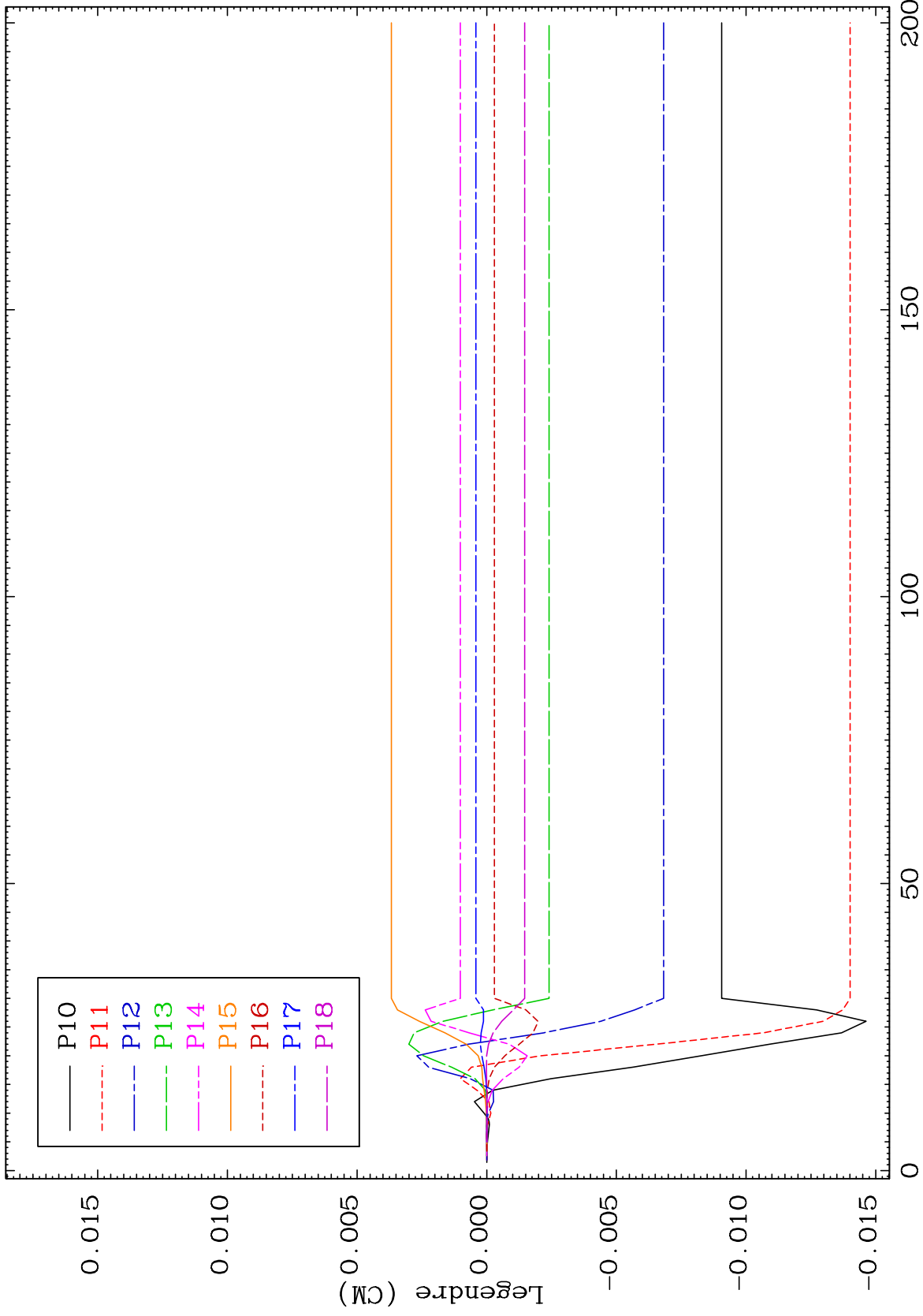




MAT 7116

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

71-Lu-172



106

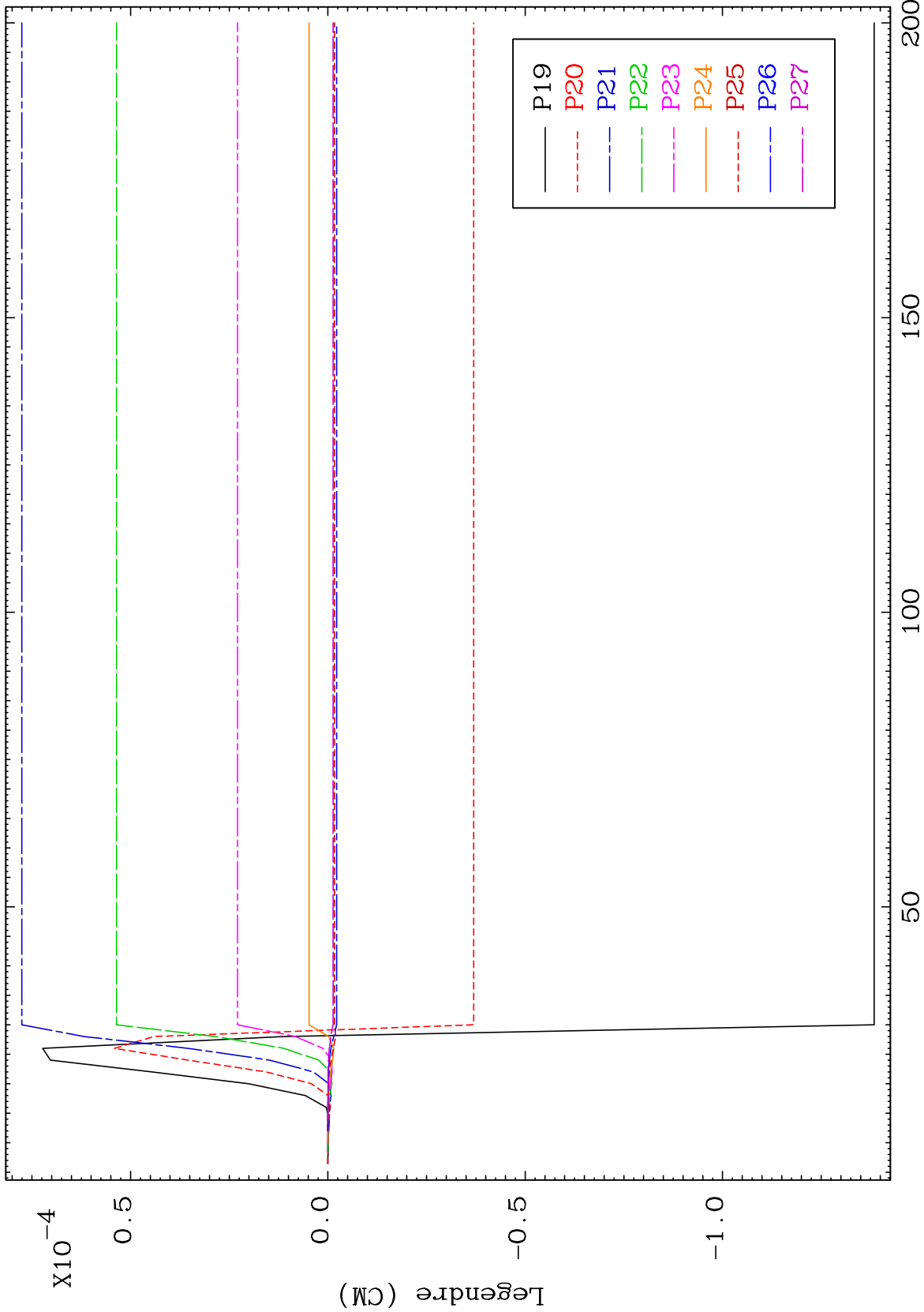
Incident Energy (MeV)

71-Lu-172

MAT 7116

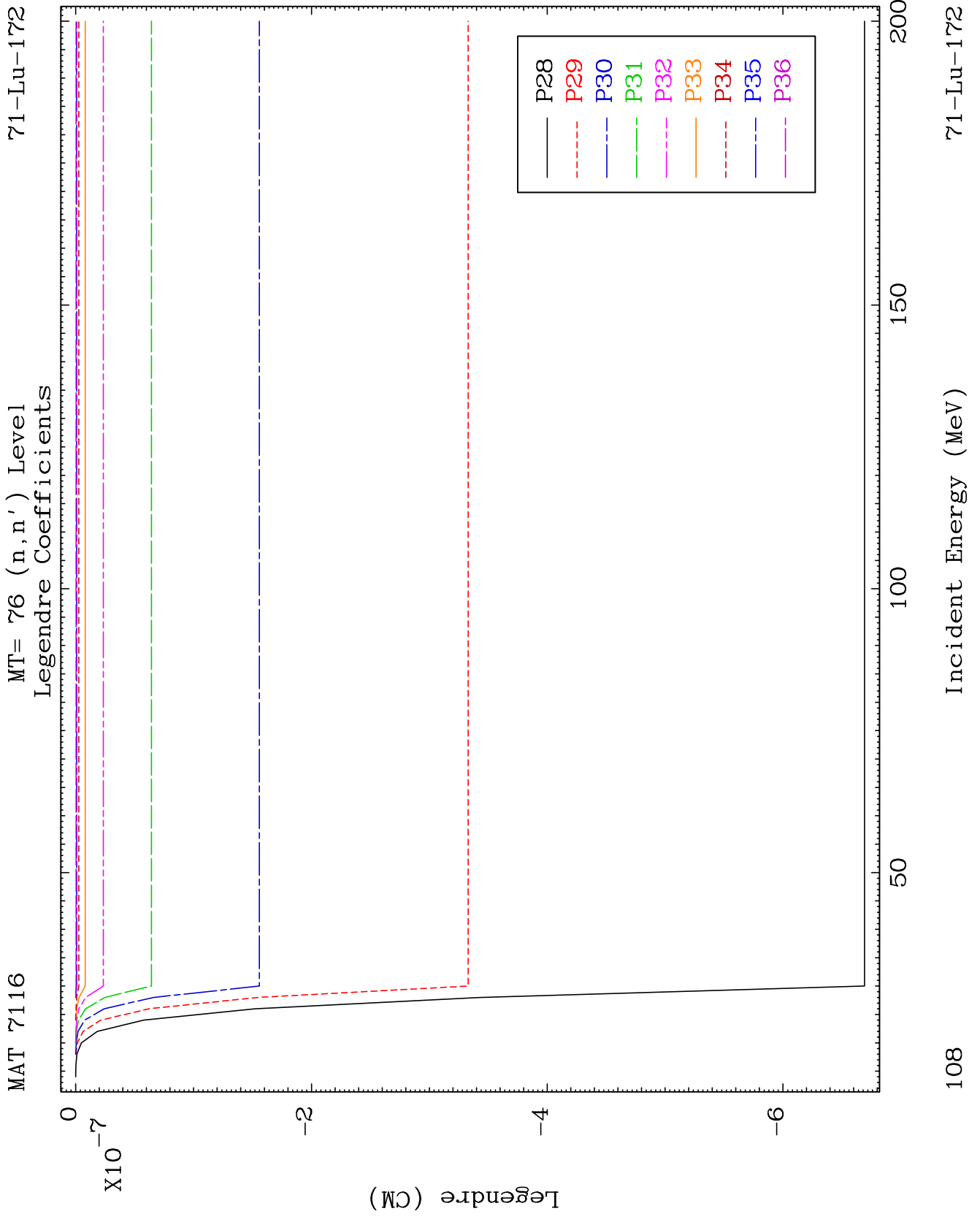
MT= 76 (n,n') Level
Legendre Coefficients

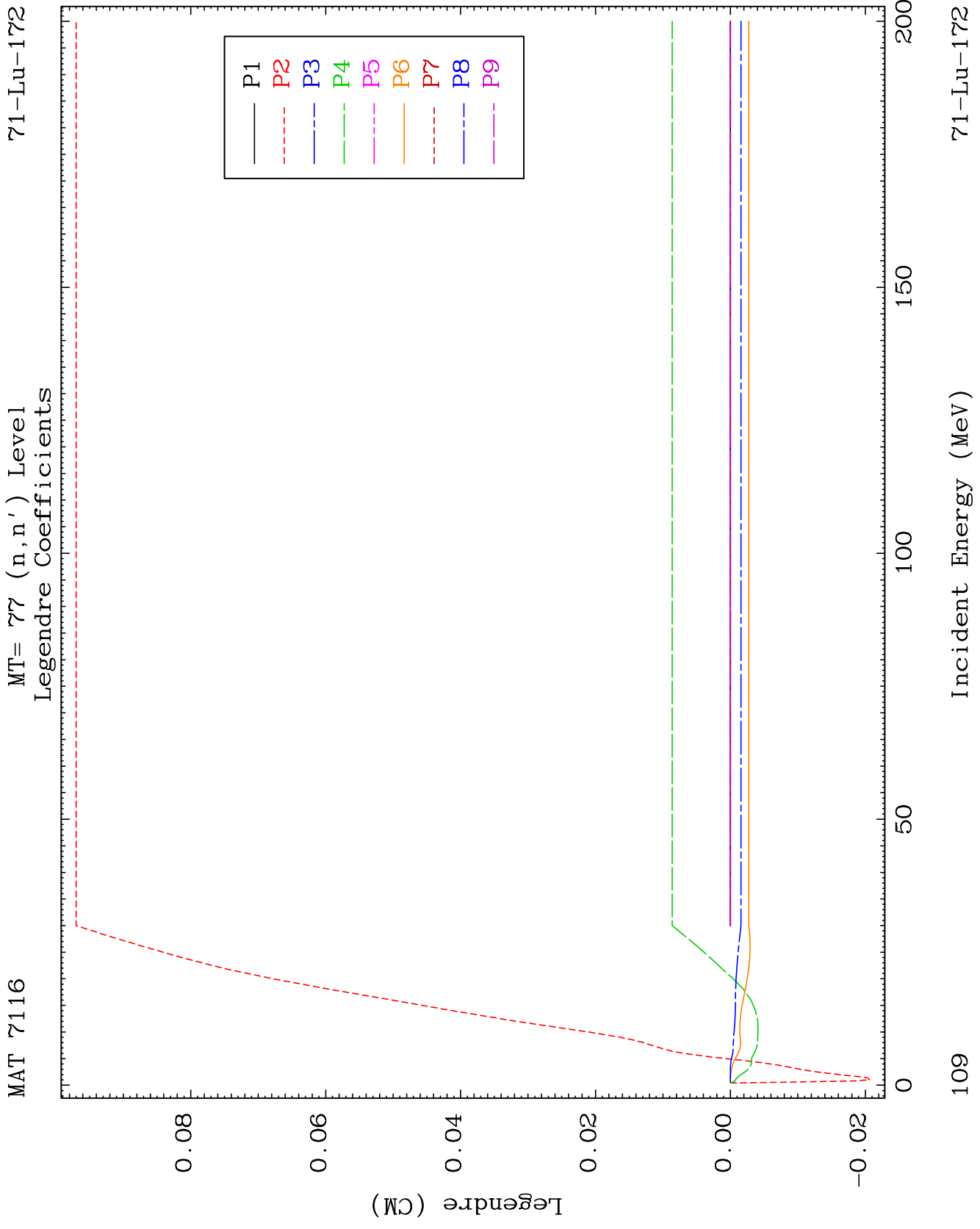
71-Lu-172



107

71-Lu-172

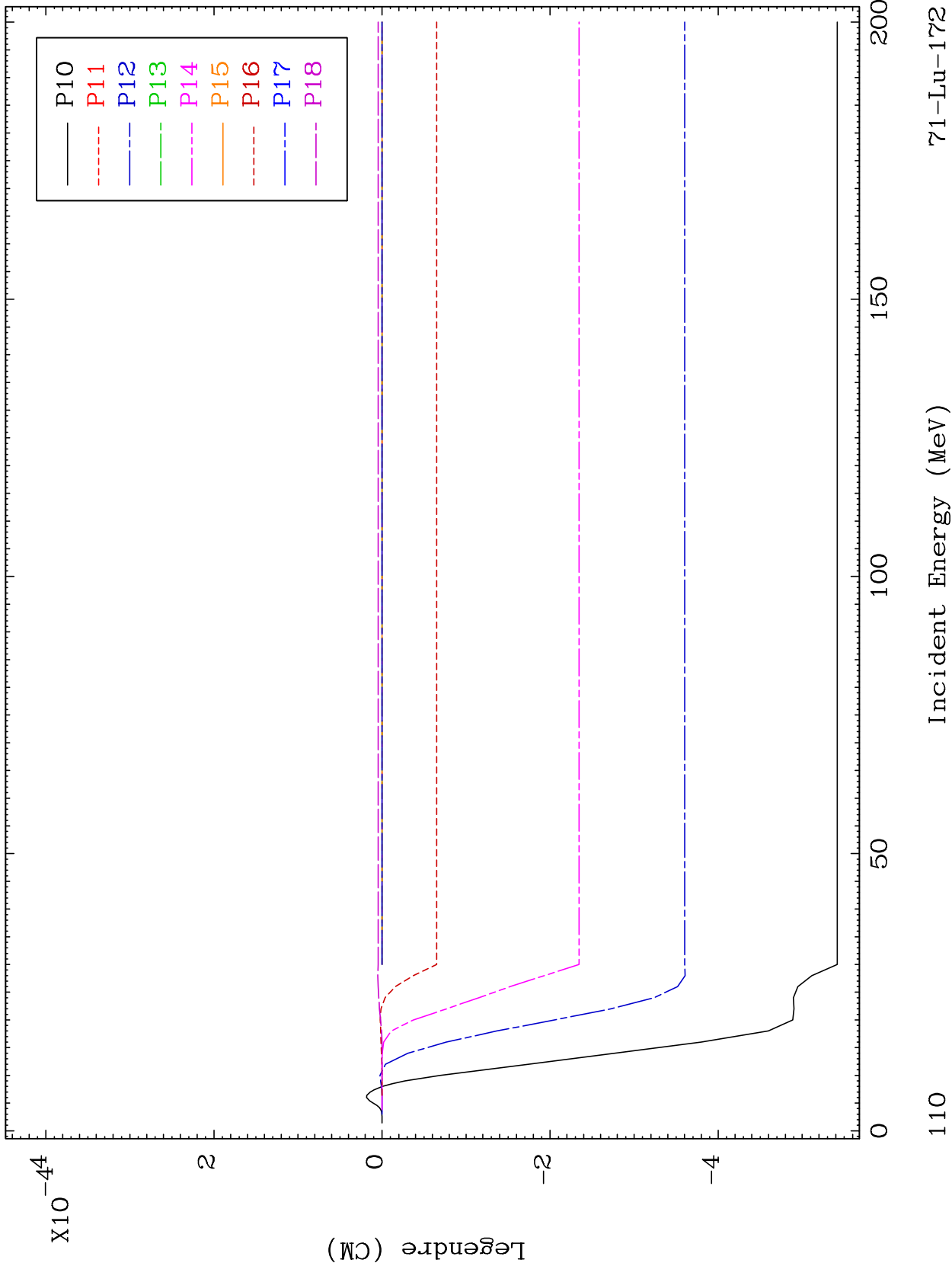




MAT 7116

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

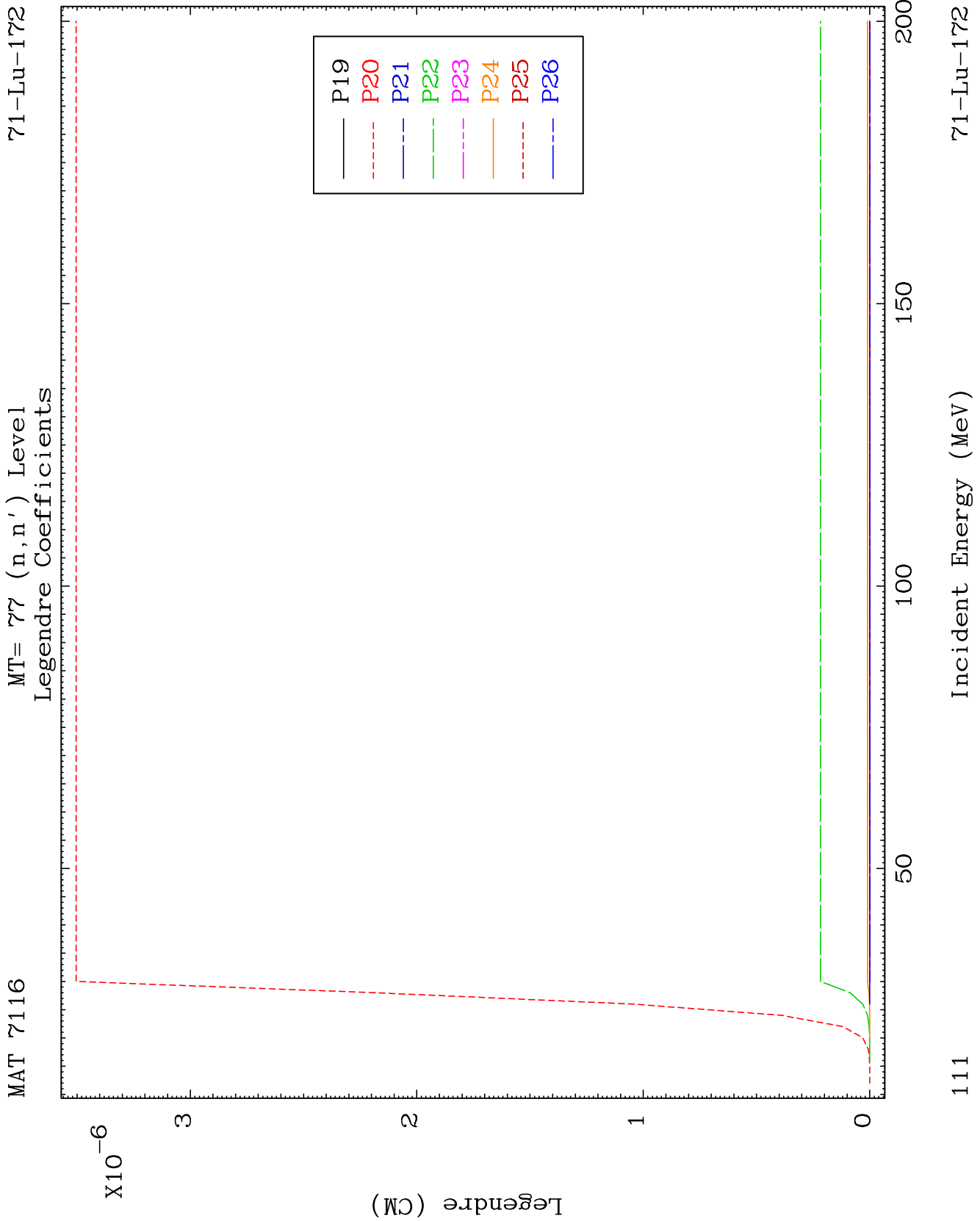
71-Lu-172

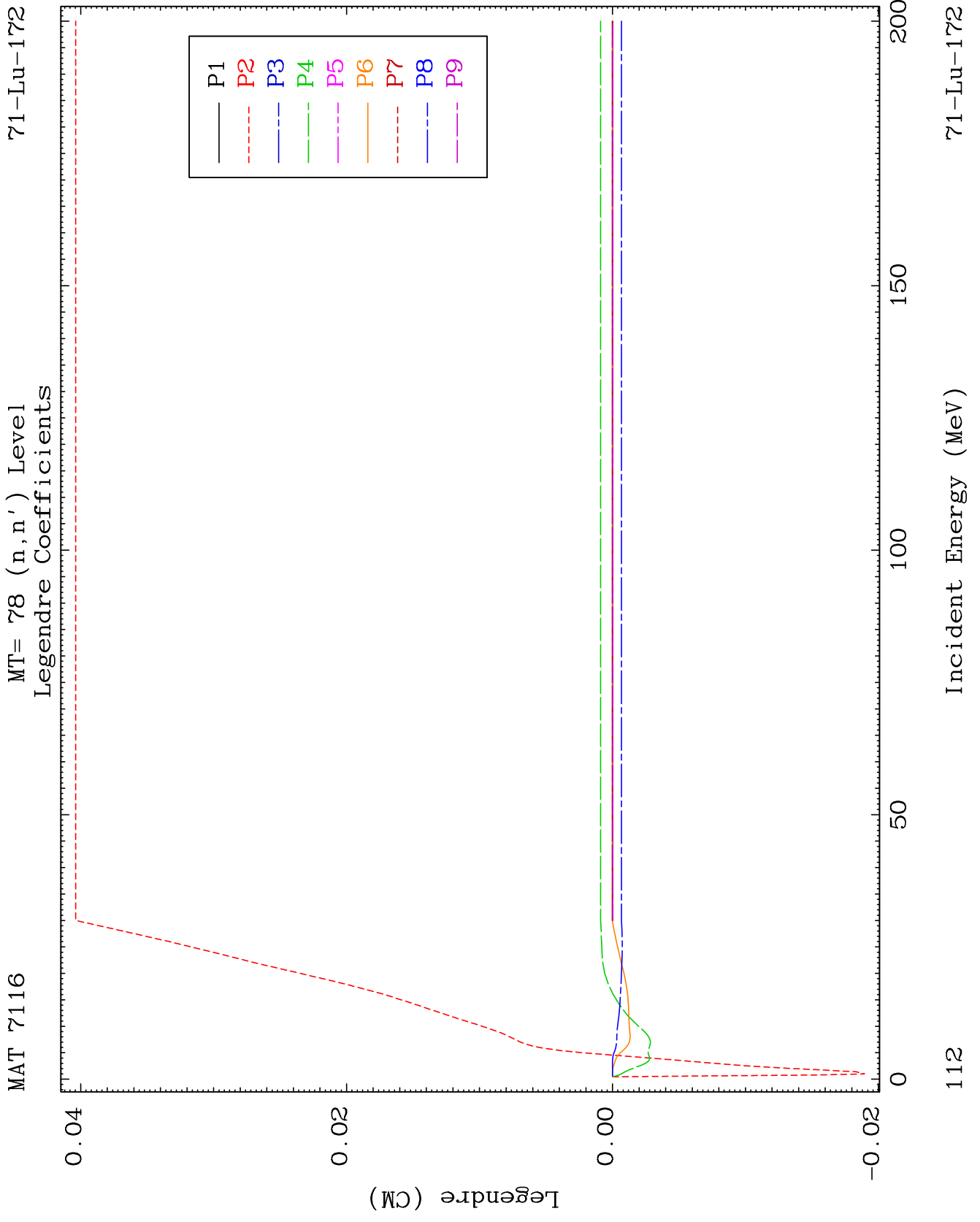


71-Lu-172

Incident Energy (MeV)

110

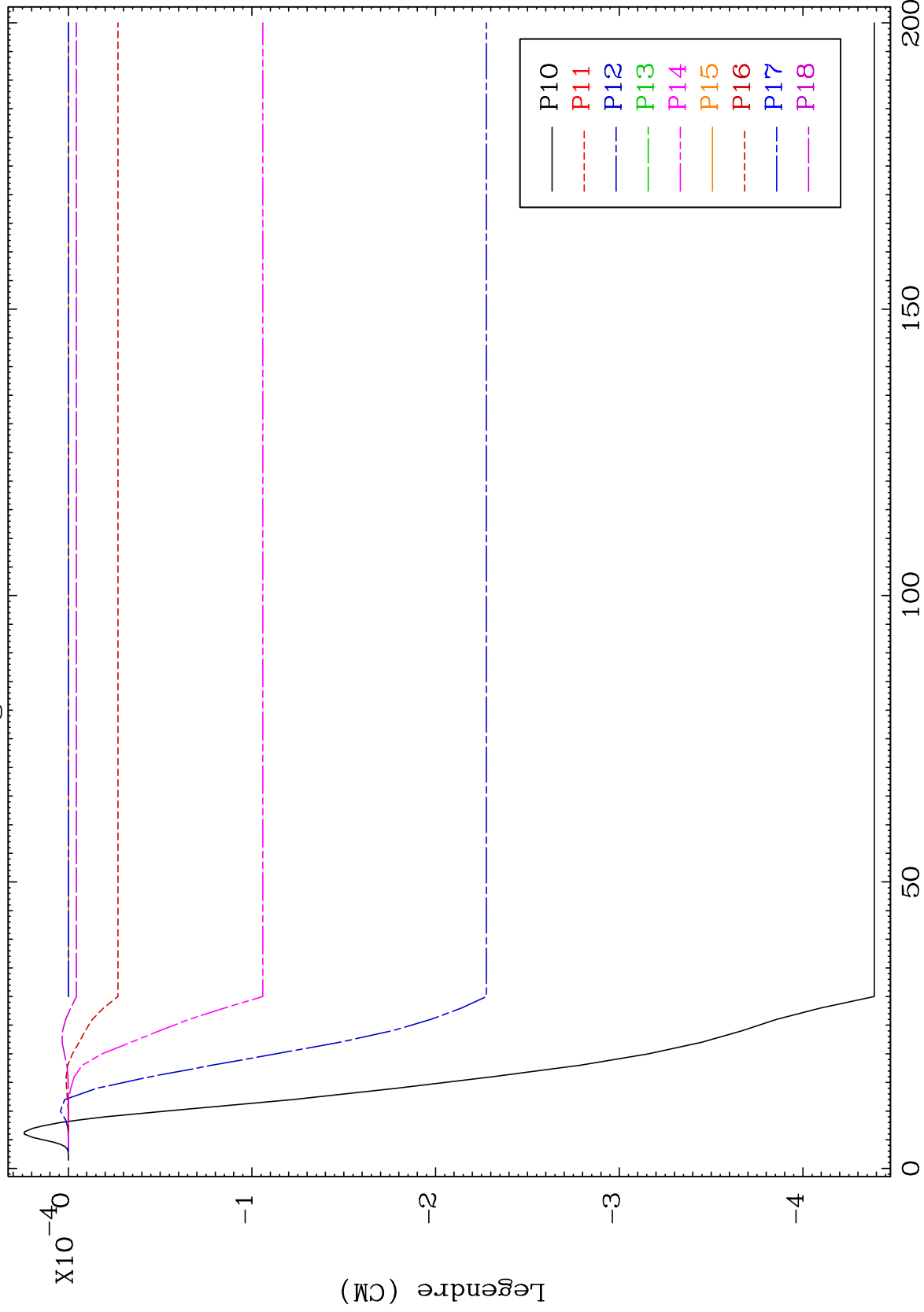




MAT 7116

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

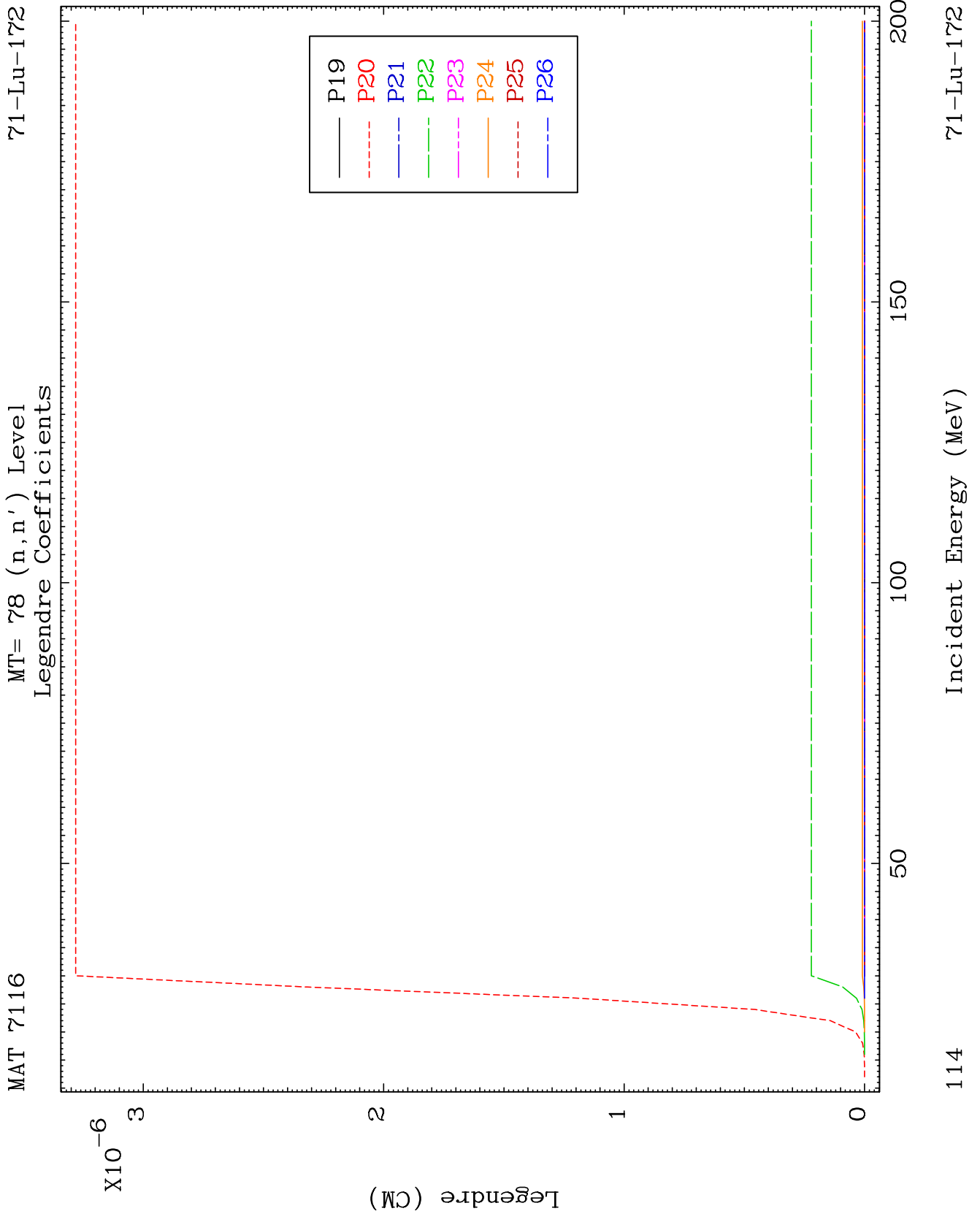
71-Lu-172



113

Incident Energy (MeV)

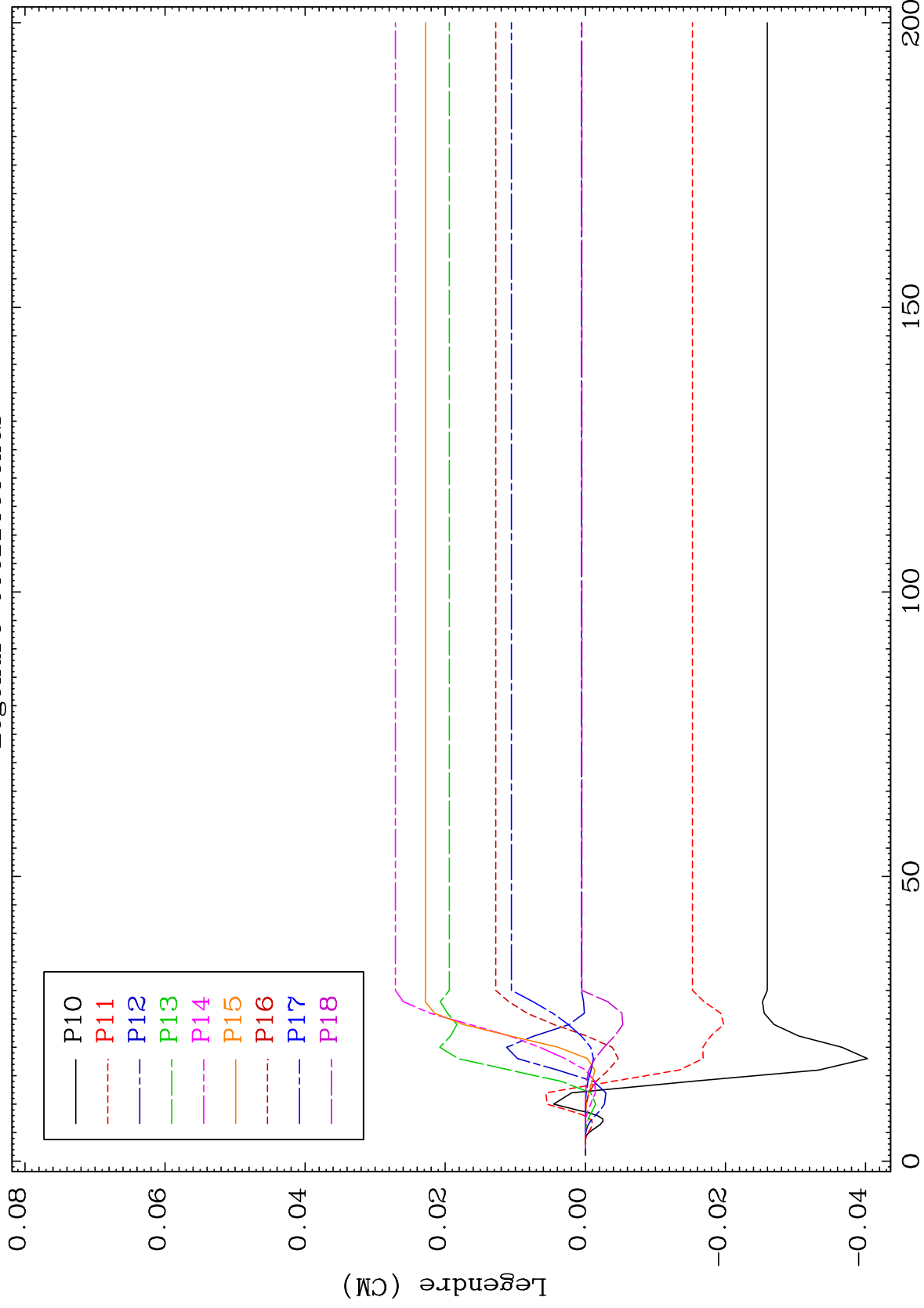
71-Lu-172



MAT 7116

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

71-Lu-172



116

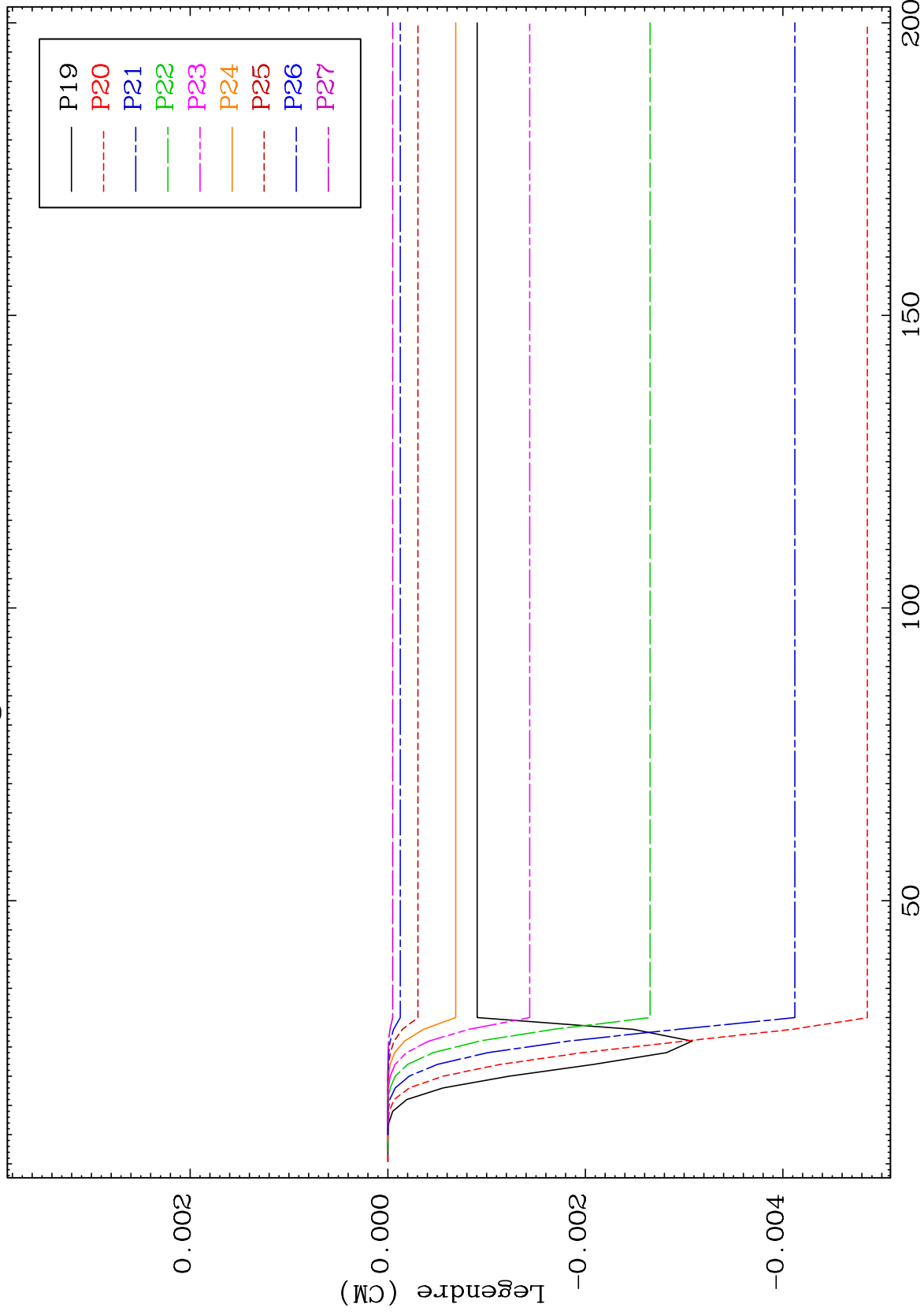
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

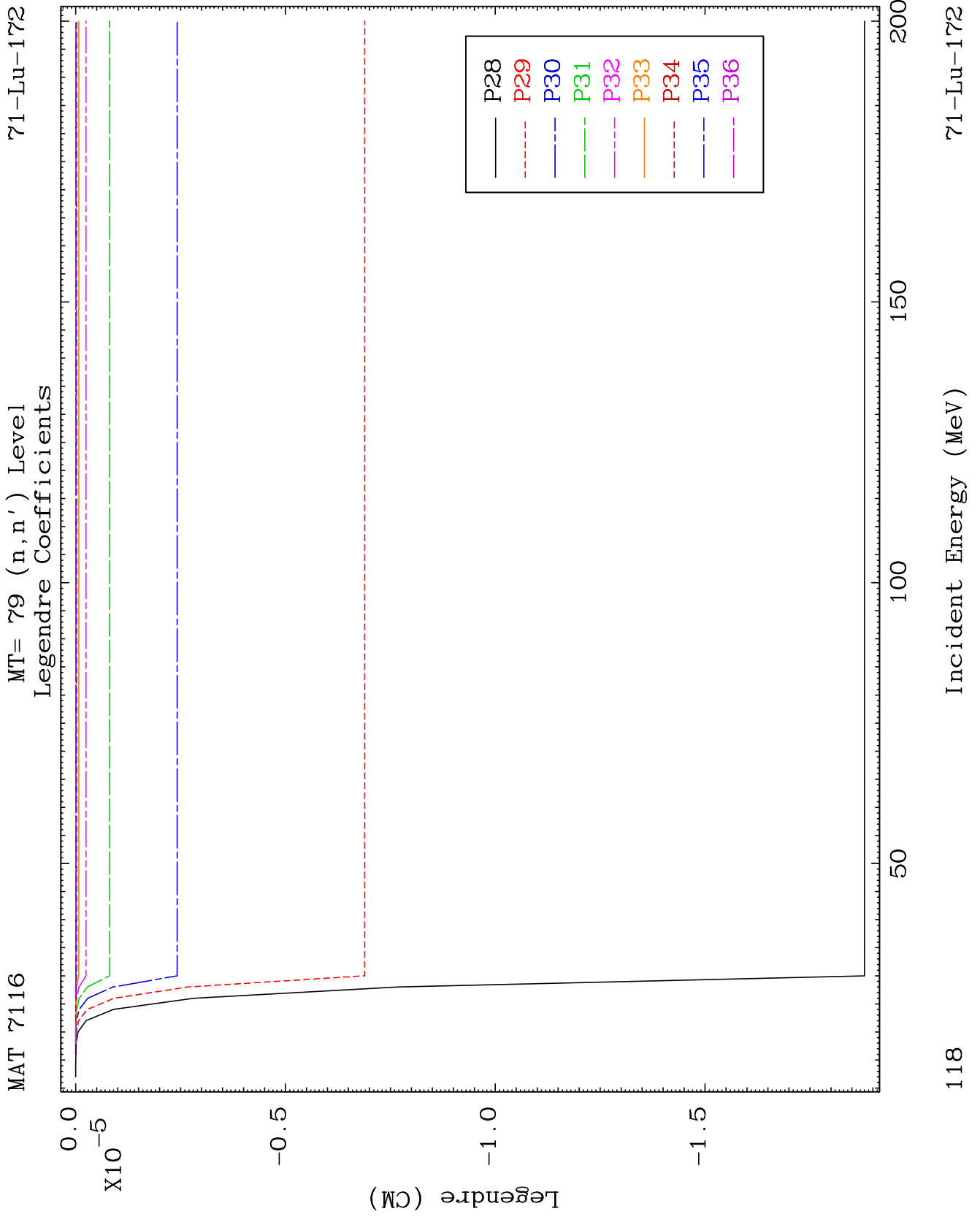
71-Lu-172



117

Incident Energy (MeV)

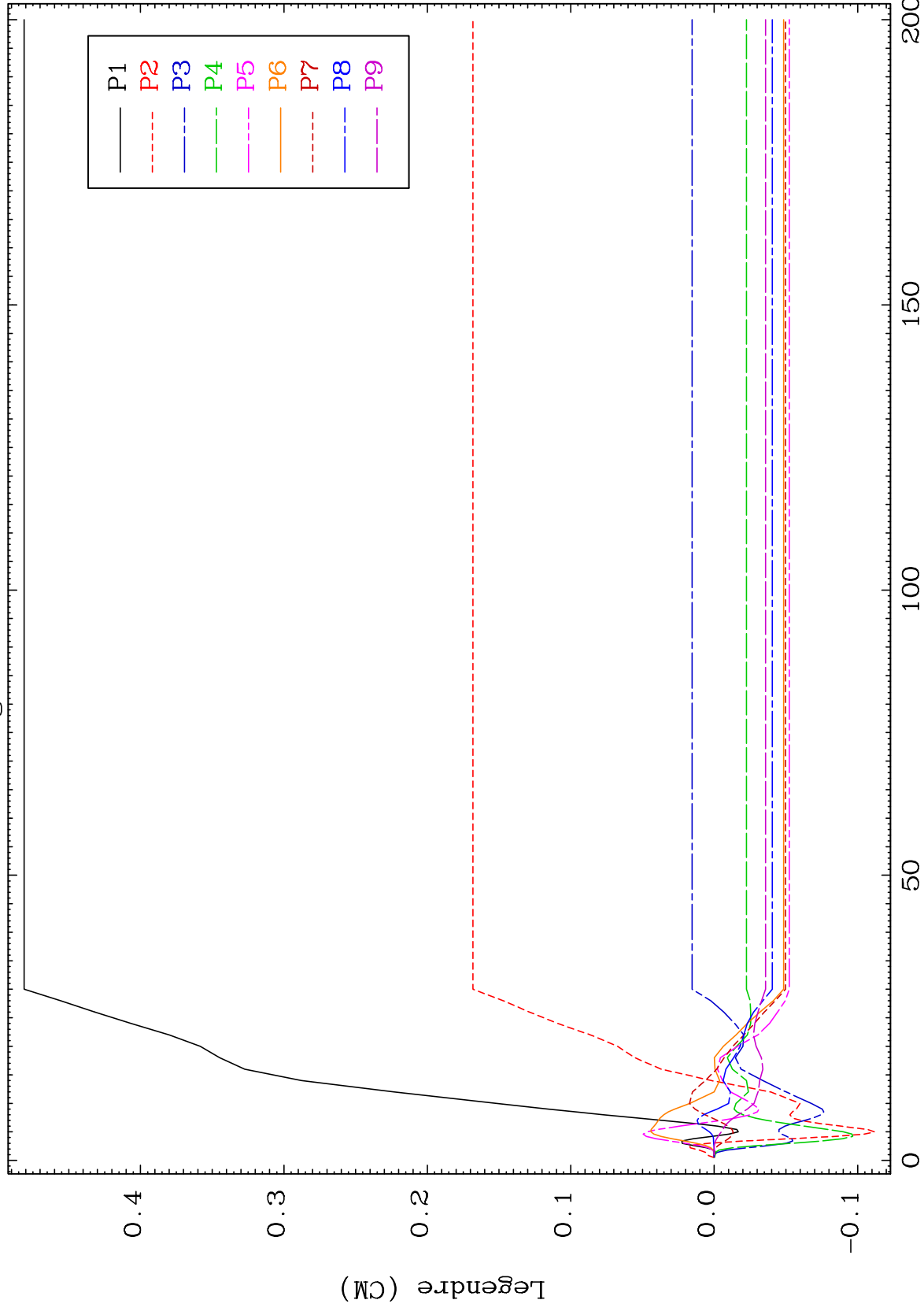
71-Lu-172



MAT 7116

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

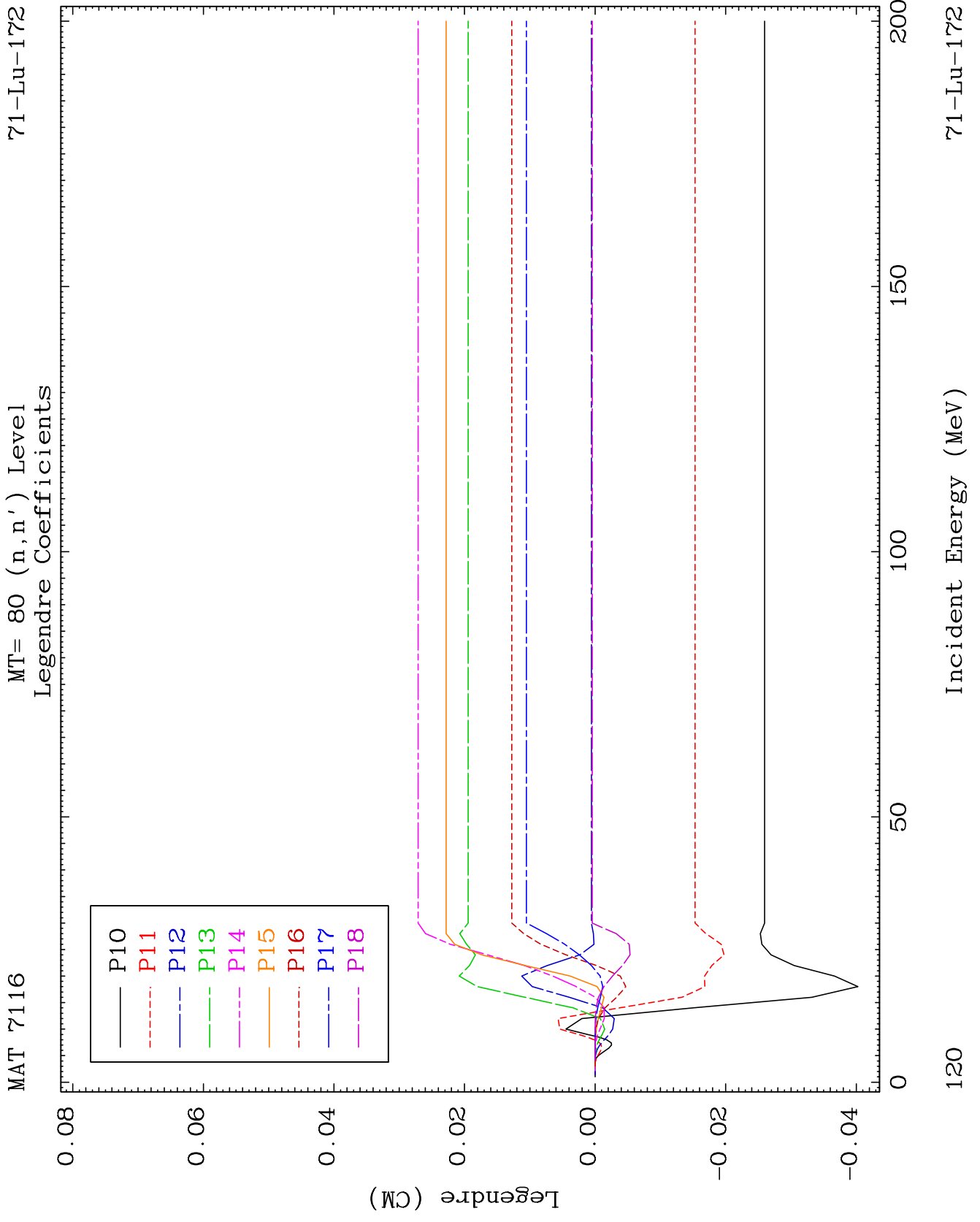
71-Lu-172



119

Incident Energy (MeV)

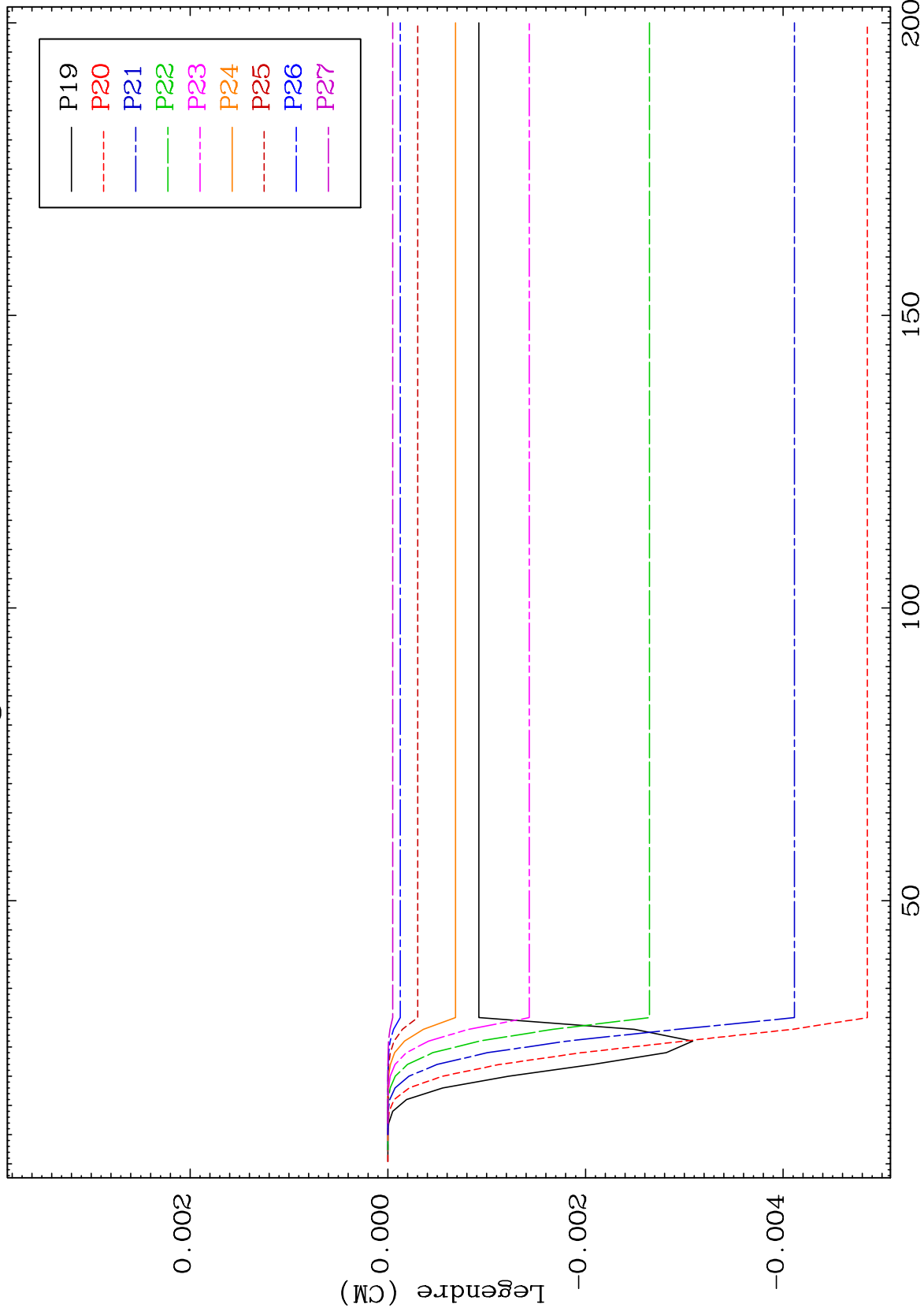
71-Lu-172



MAT 7116

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

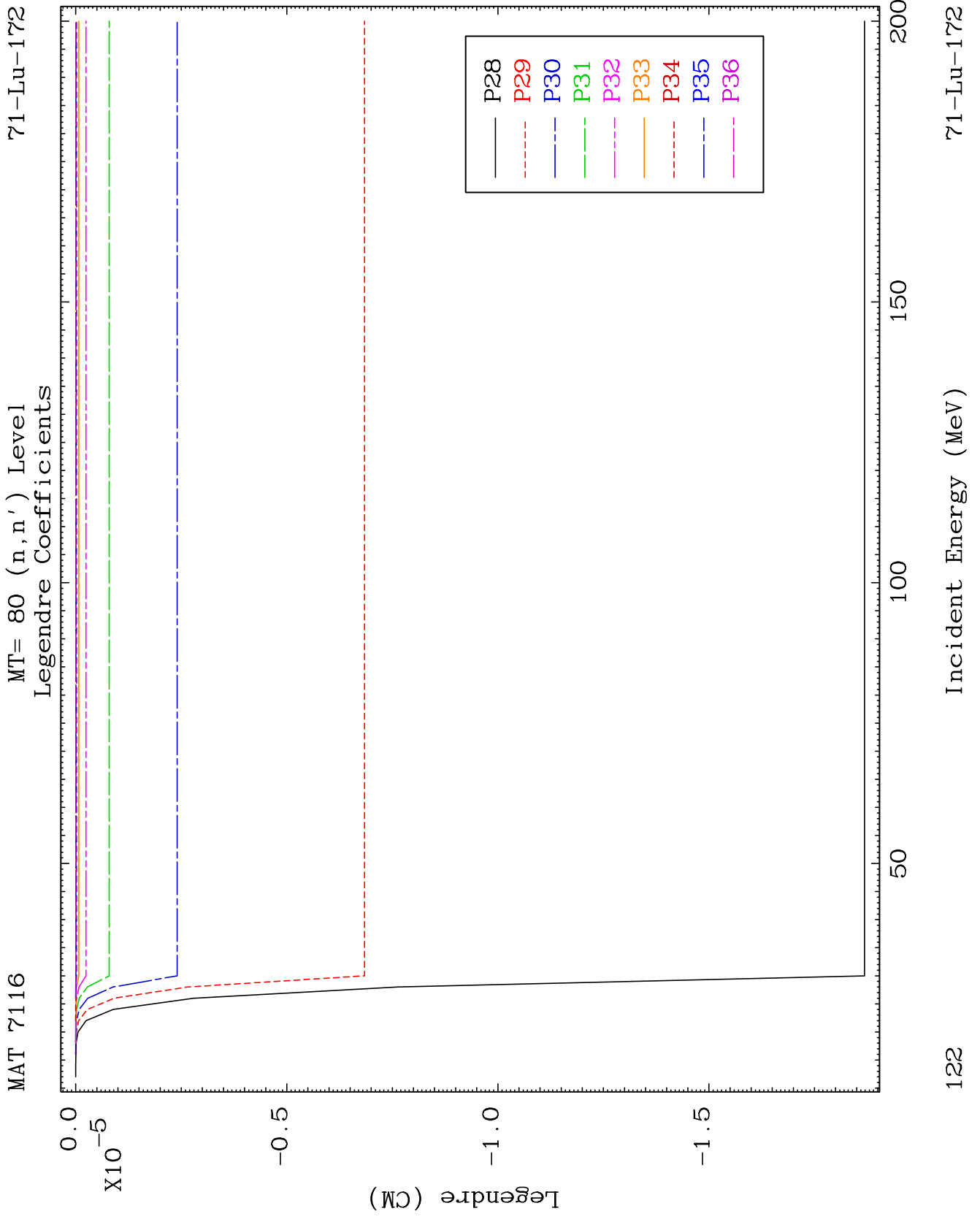
71-Lu-172



121

Incident Energy (MeV)

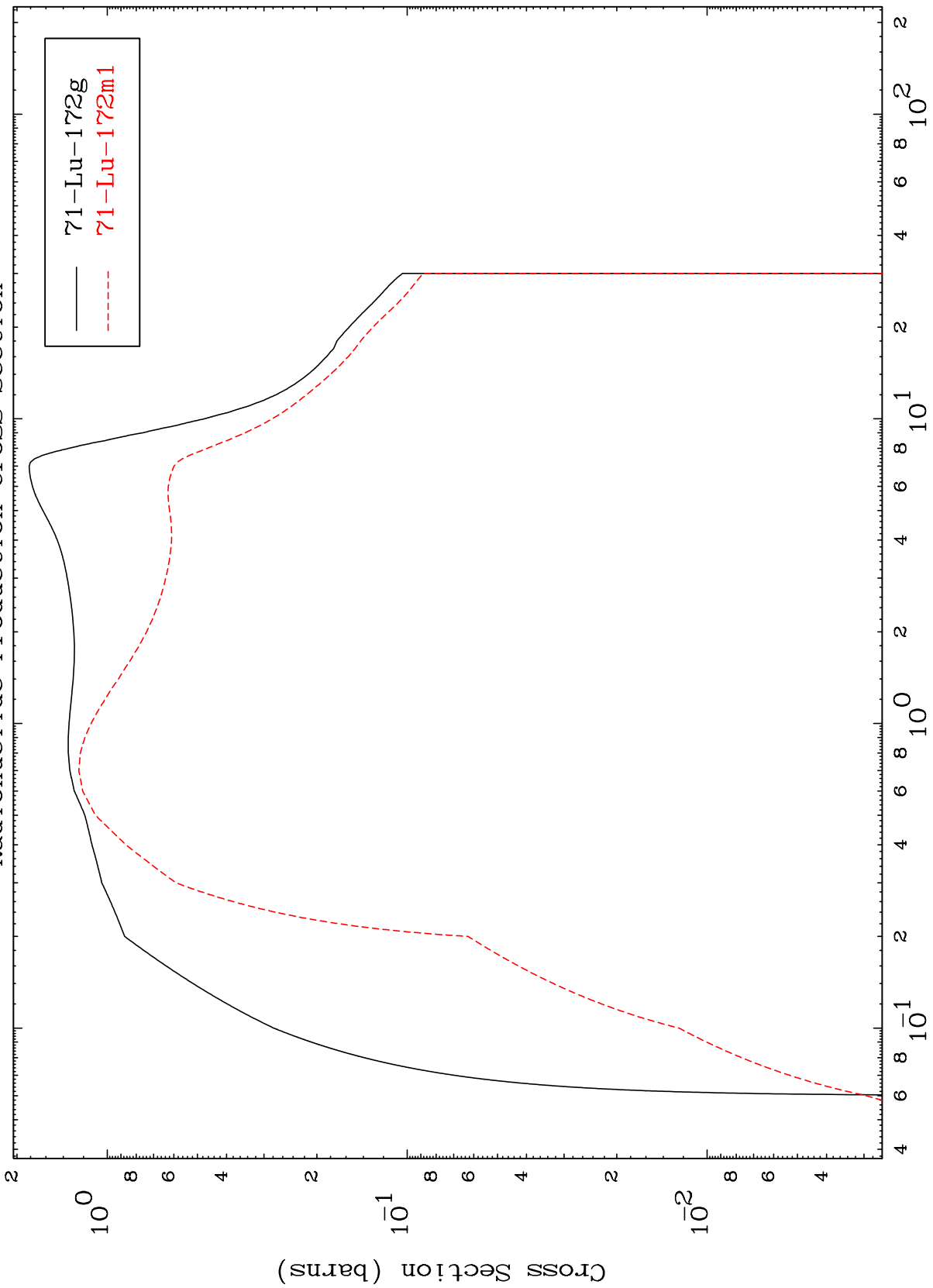
71-Lu-172



MAT 7116

71-Lu-172

Inelastic
Radionuclide Production Cross Section



71-Lu-172g
71-Lu-172m1

123

Incident Energy (MeV)

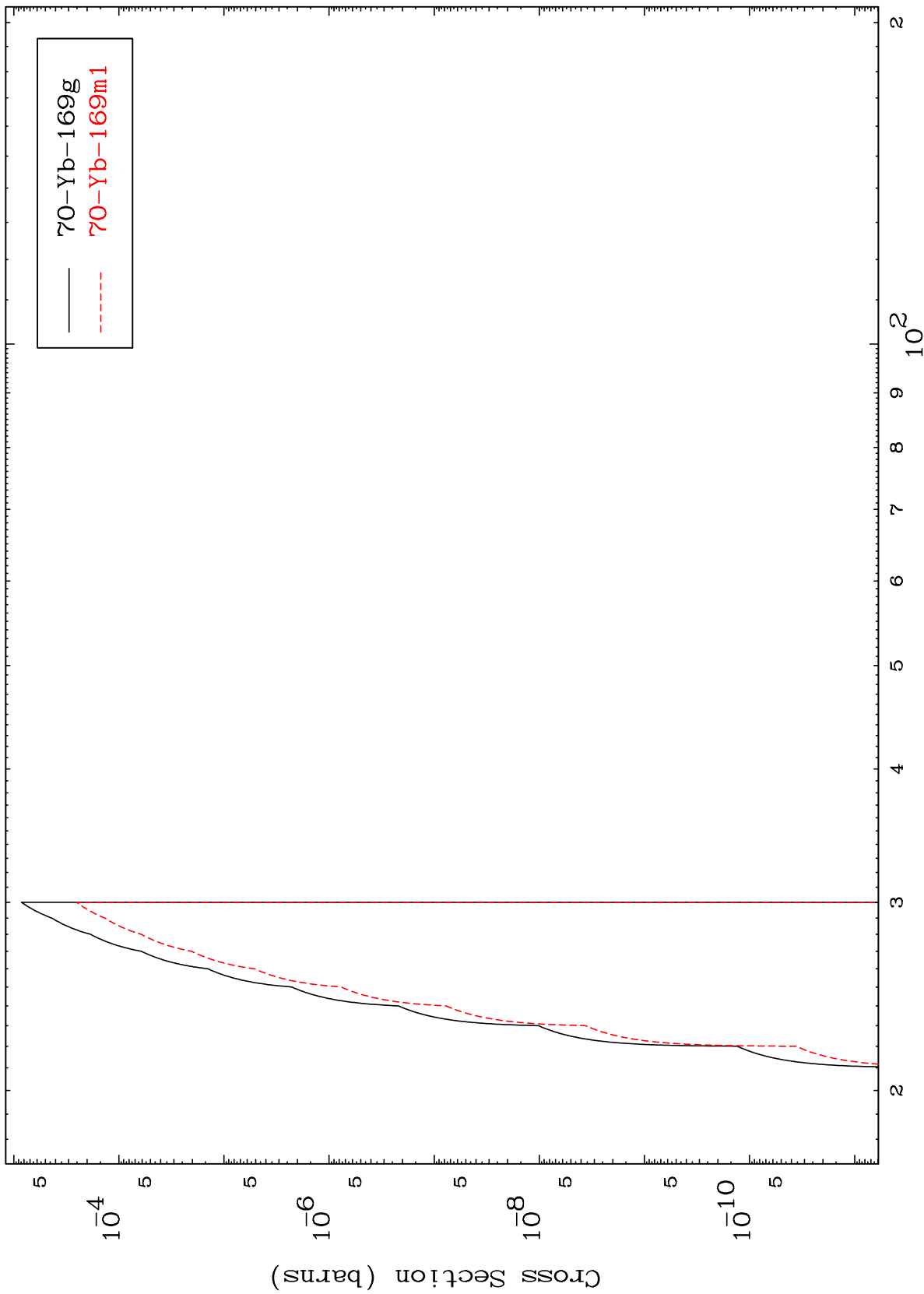
71-Lu-172

MAT 71116

(n,2n) d

71-Lu-172

Radionuclide Production Cross Section

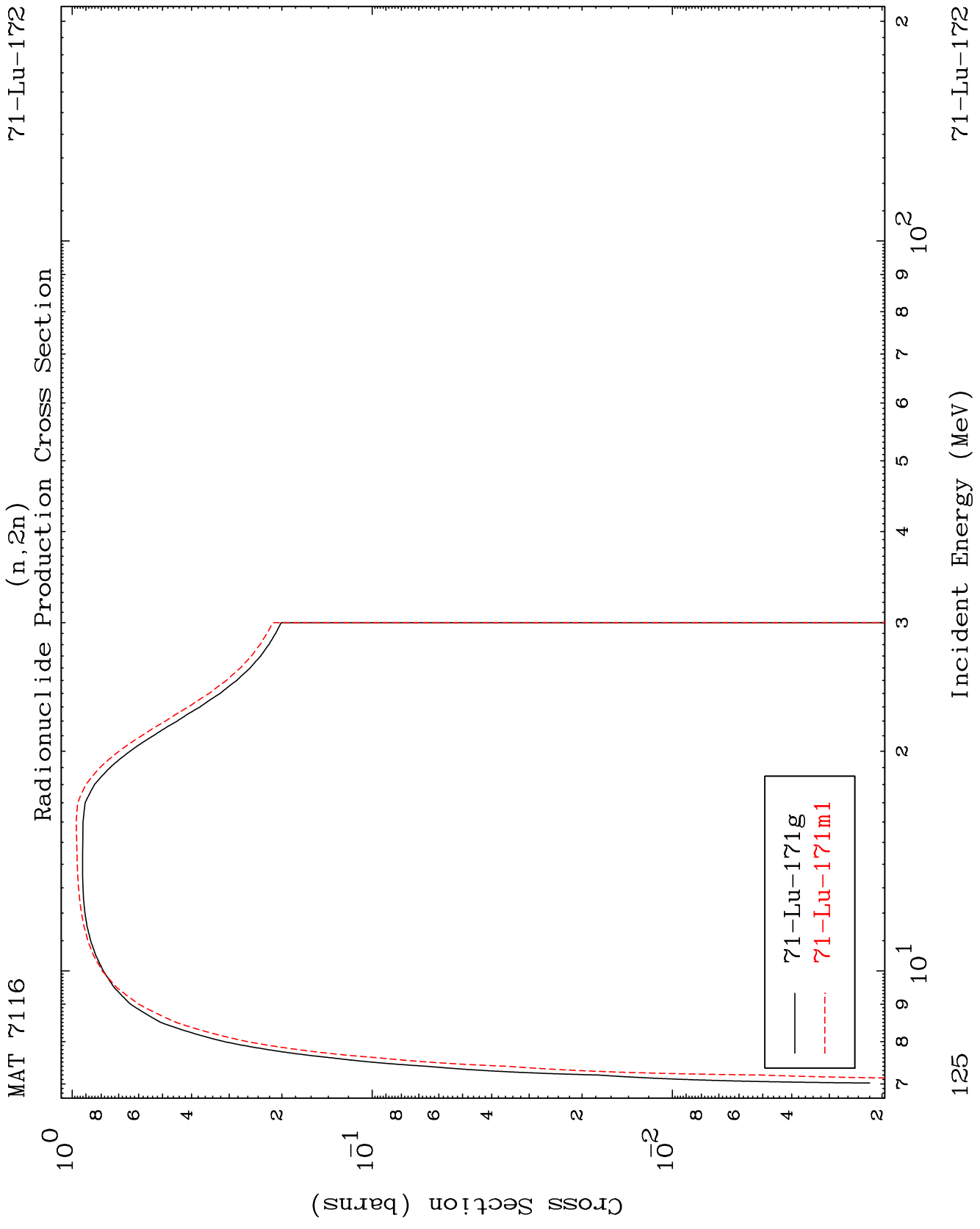


70-Yb-169g
70-Yb-169m1

124

Incident Energy (MeV)

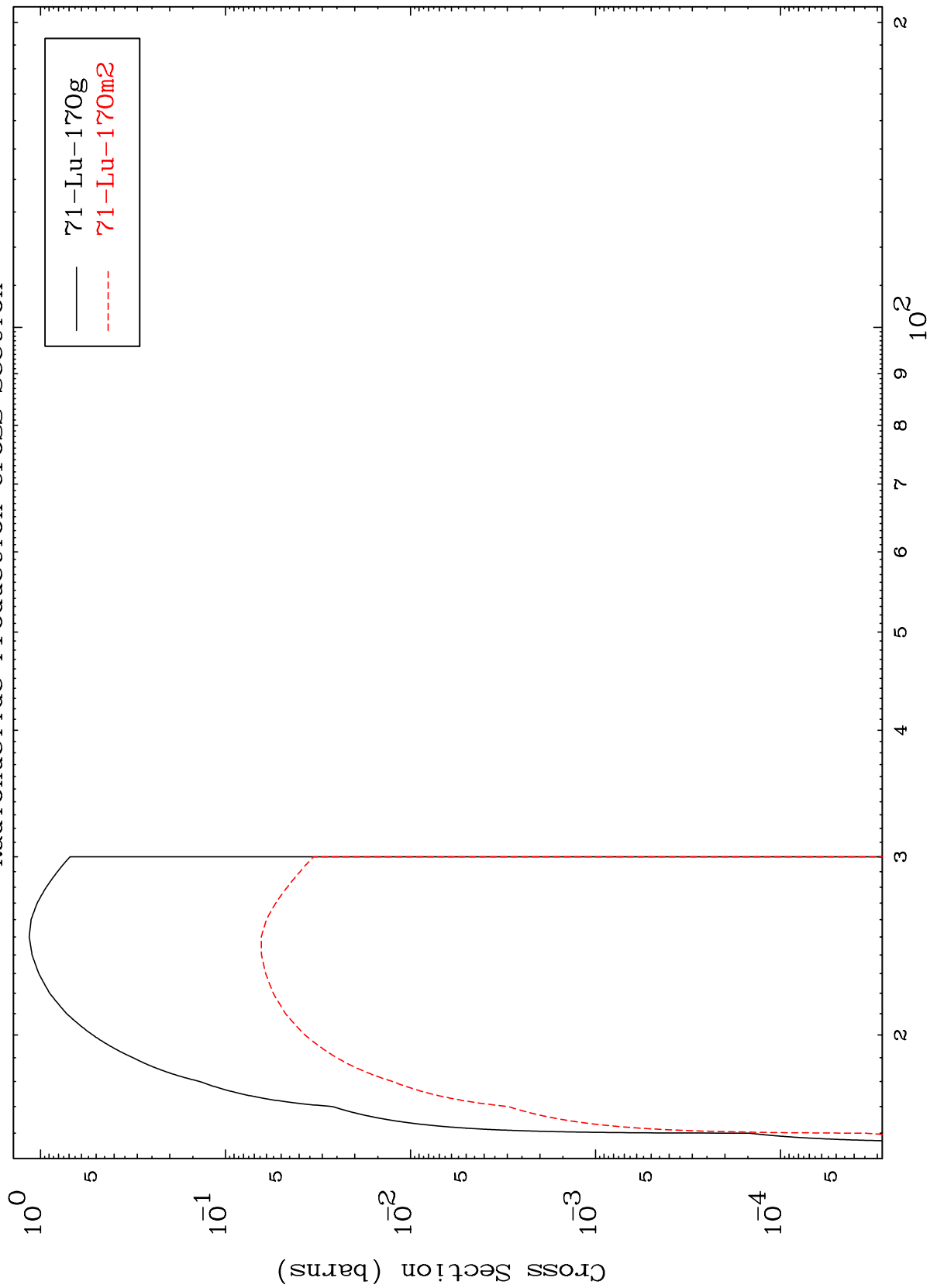
71-Lu-172



MAT 7116

71-Lu-172

(n,3n)
Radionuclide Production Cross Section



126

Incident Energy (MeV)

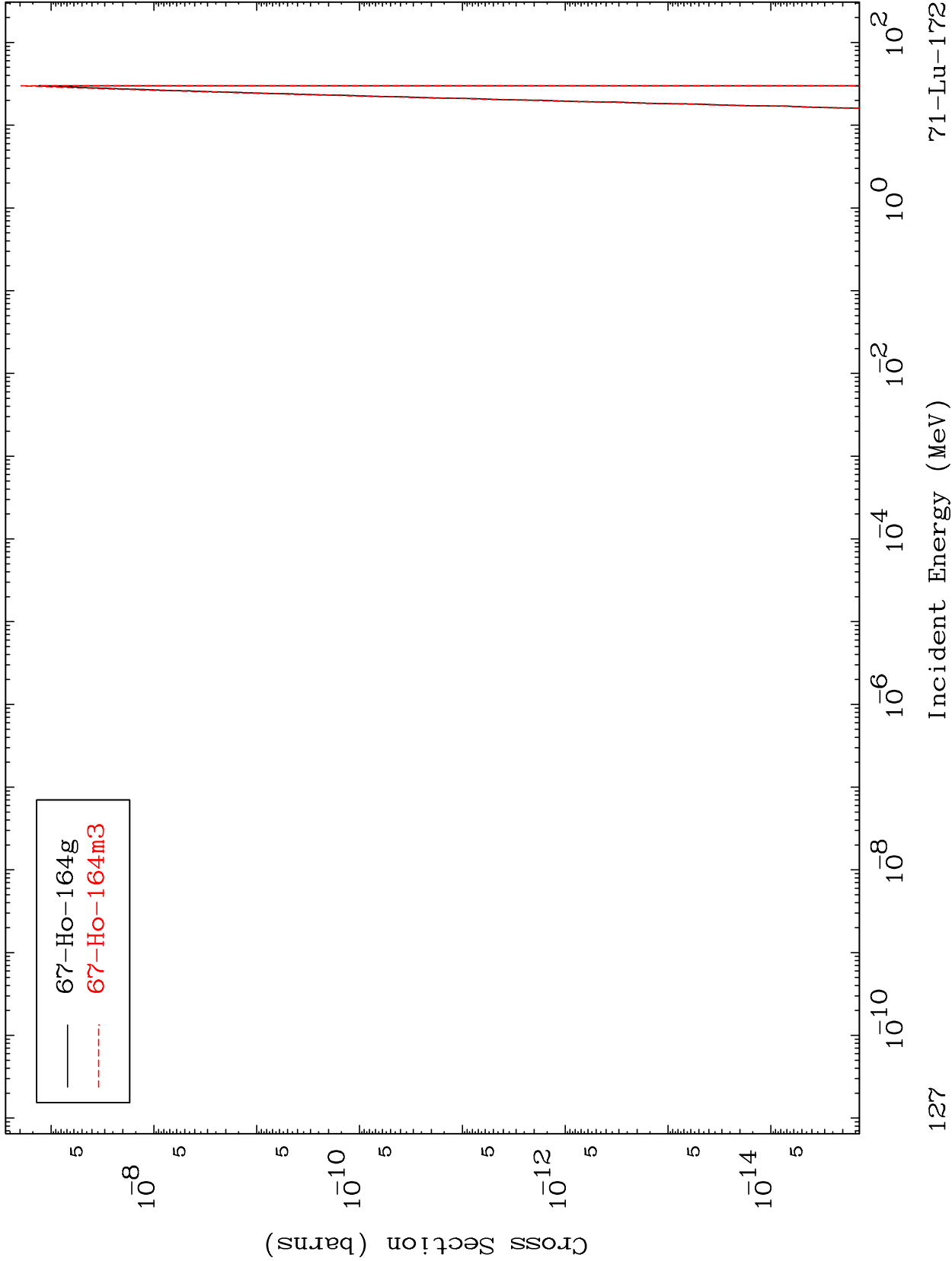
71-Lu-172

MAT 71116

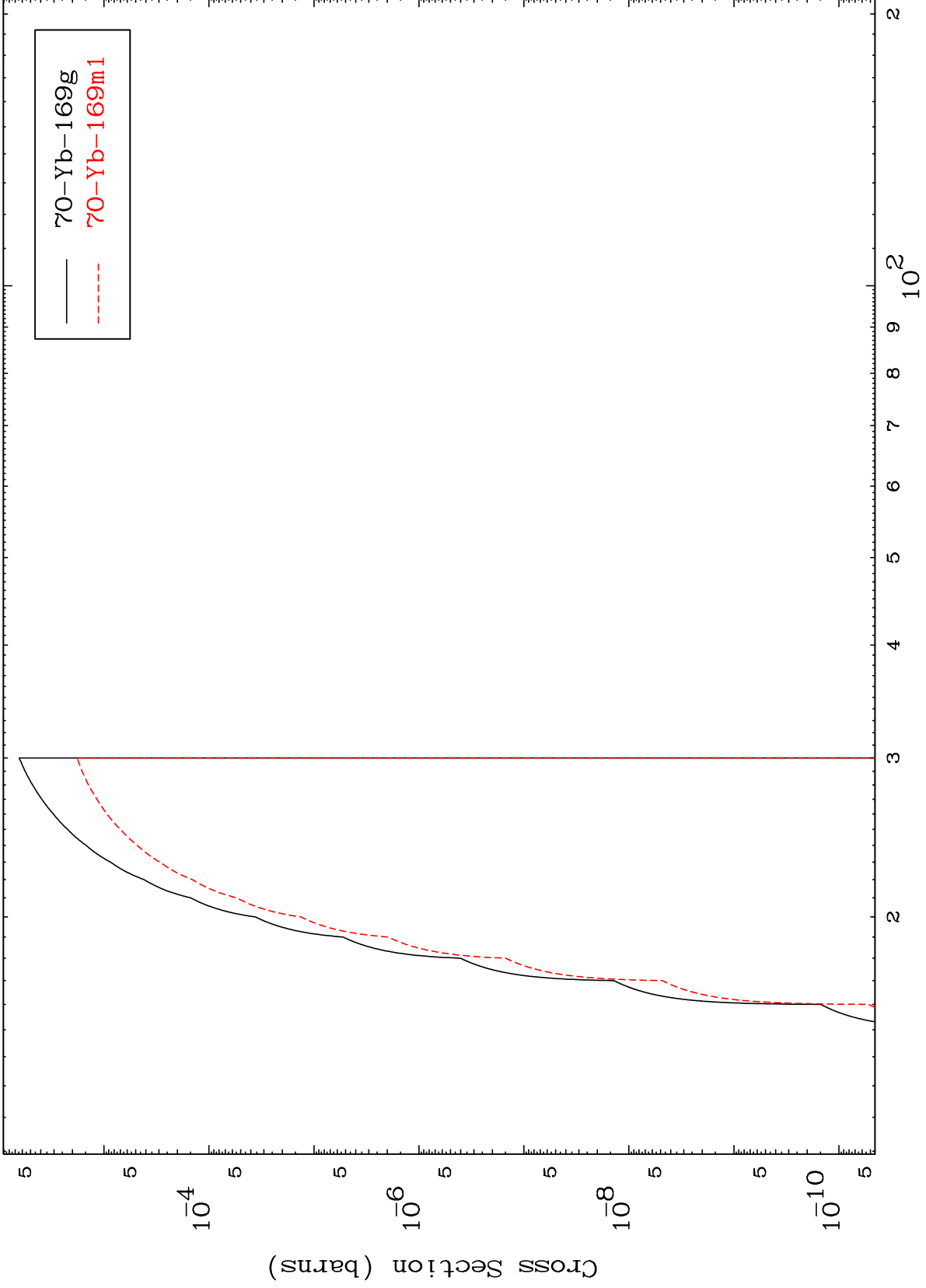
(n,n') 2α

71-Lu-172

Radionuclide Production Cross Section



Radionuclide Production Cross Section

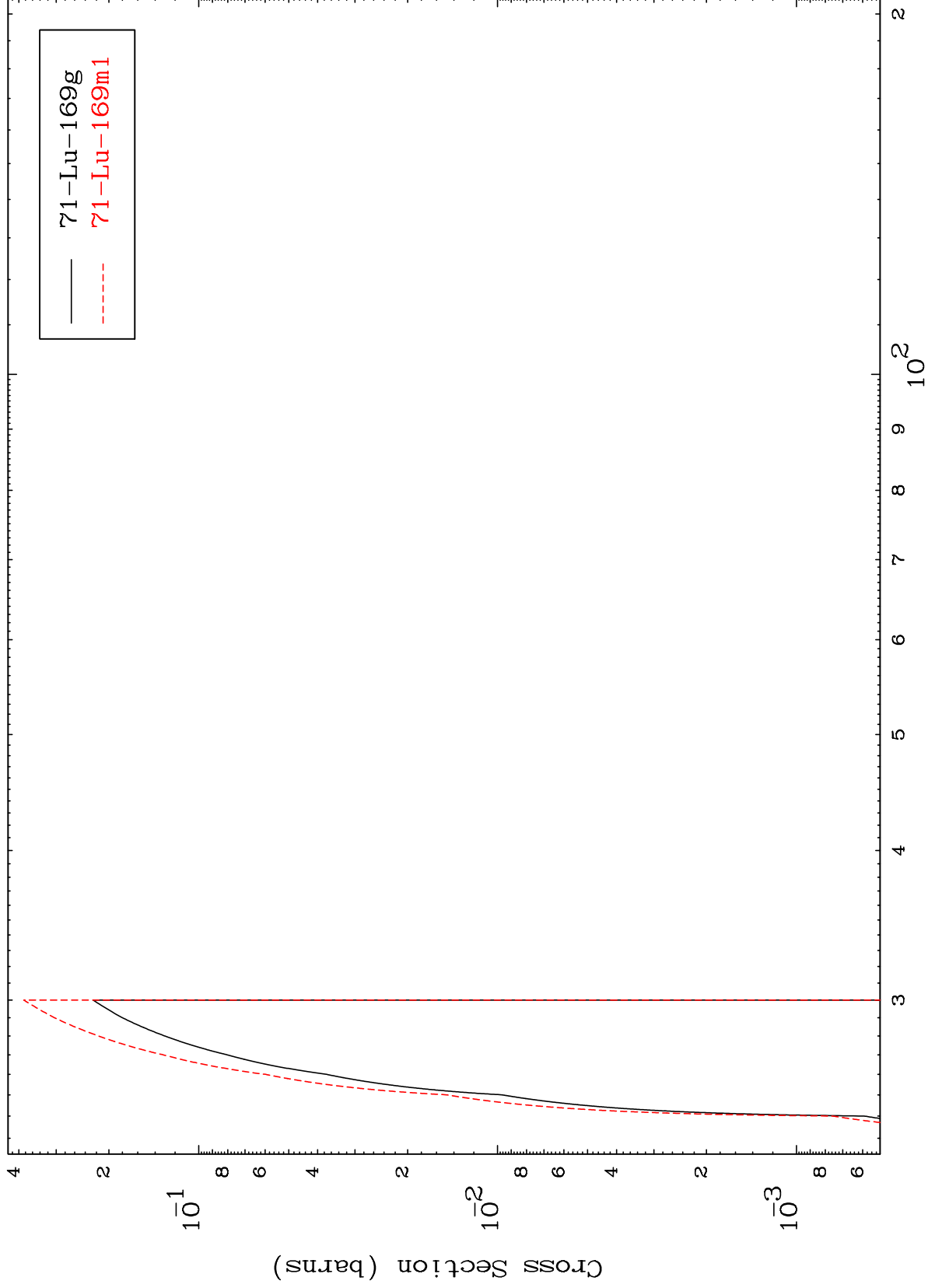


MAT 7116

(n,4n)

71-Lu-172

Radionuclide Production Cross Section



129

Incident Energy (MeV)

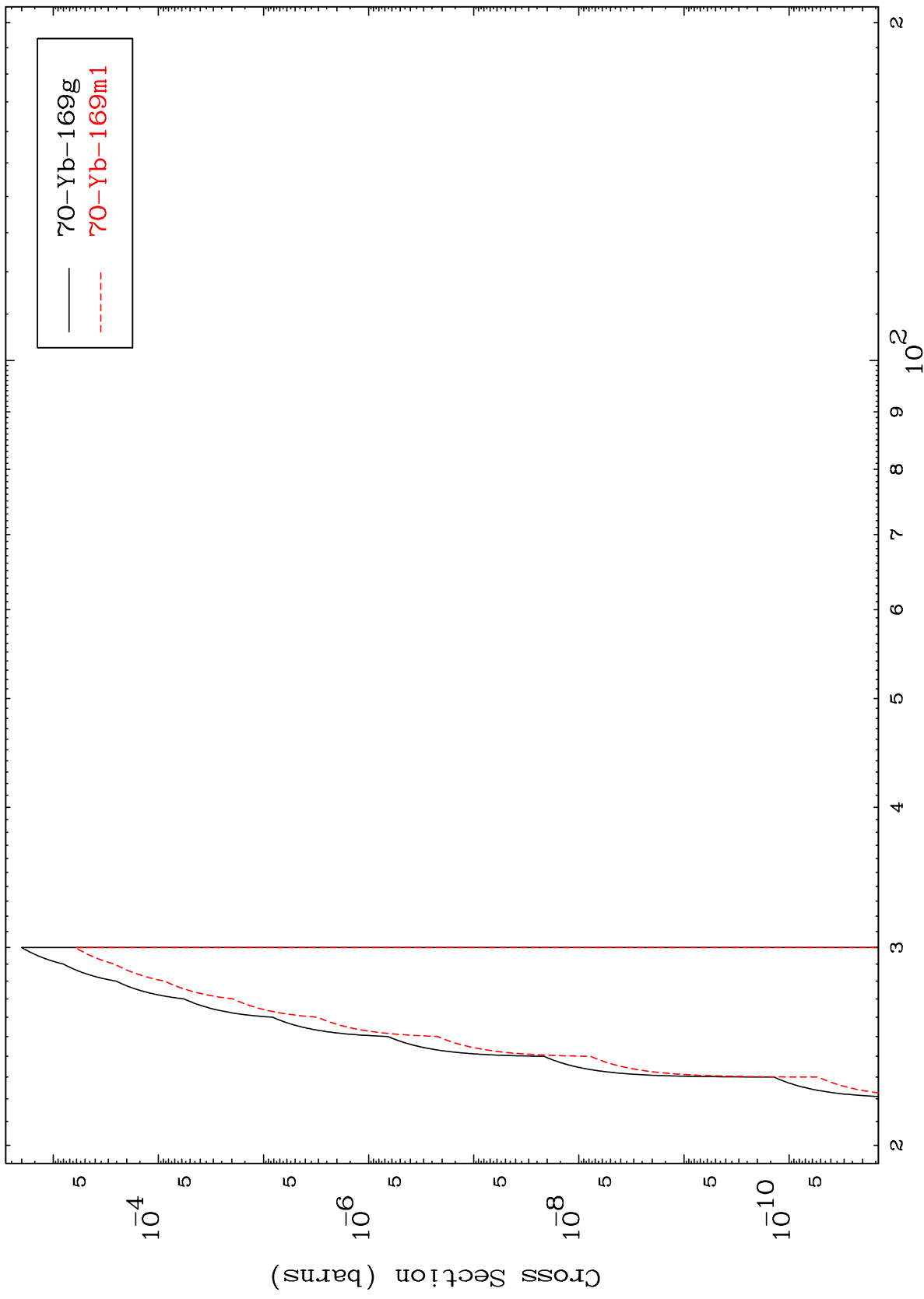
71-Lu-172

MAT 7116

(n,3n) p

71-Lu-172

Radionuclide Production Cross Section



130

Incident Energy (MeV)

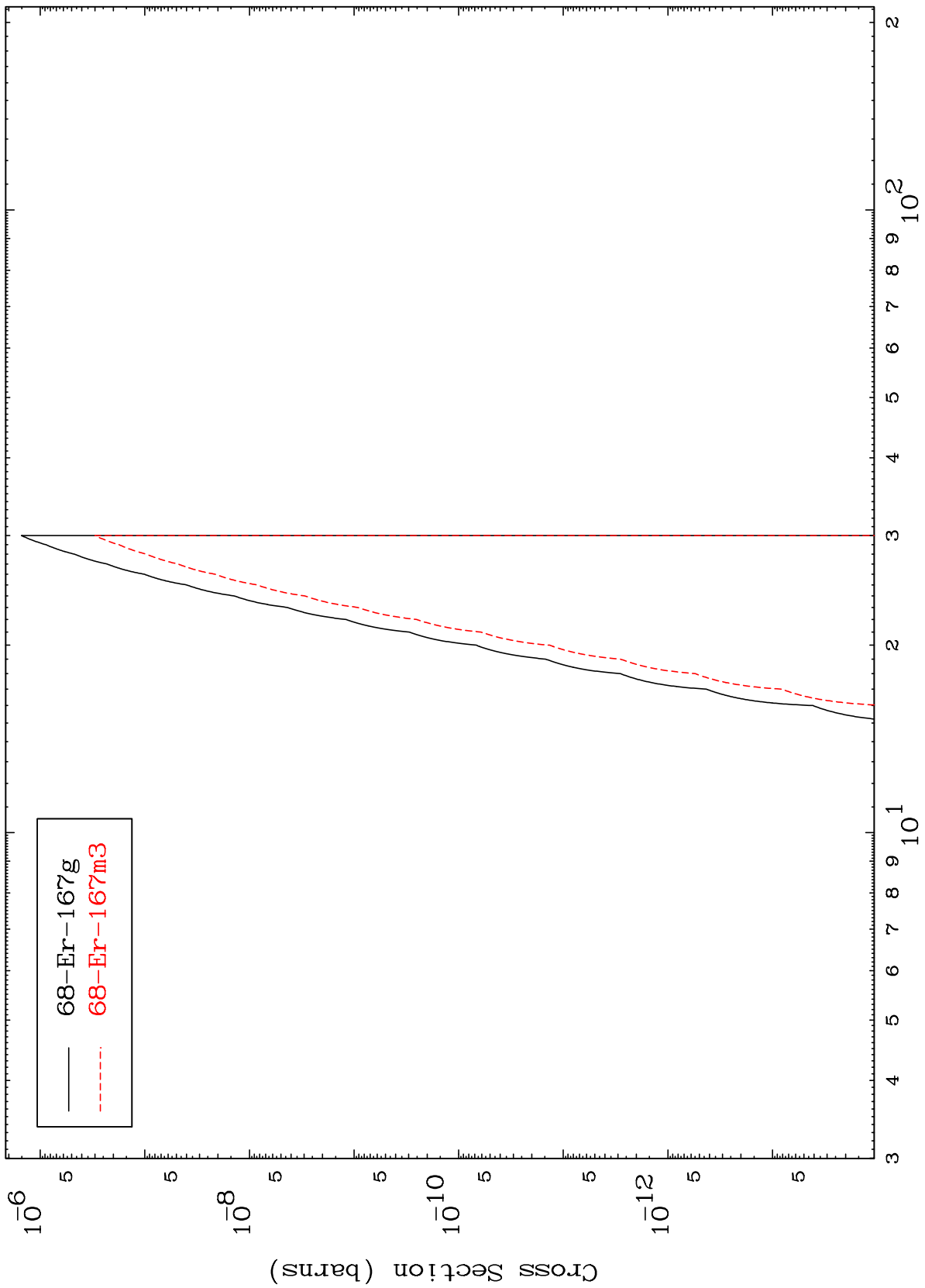
71-Lu-172

MAT 71116

(n,n') p α

71-Lu-172

Radionuclide Production Cross Section



131

Incident Energy (MeV)

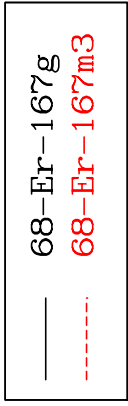
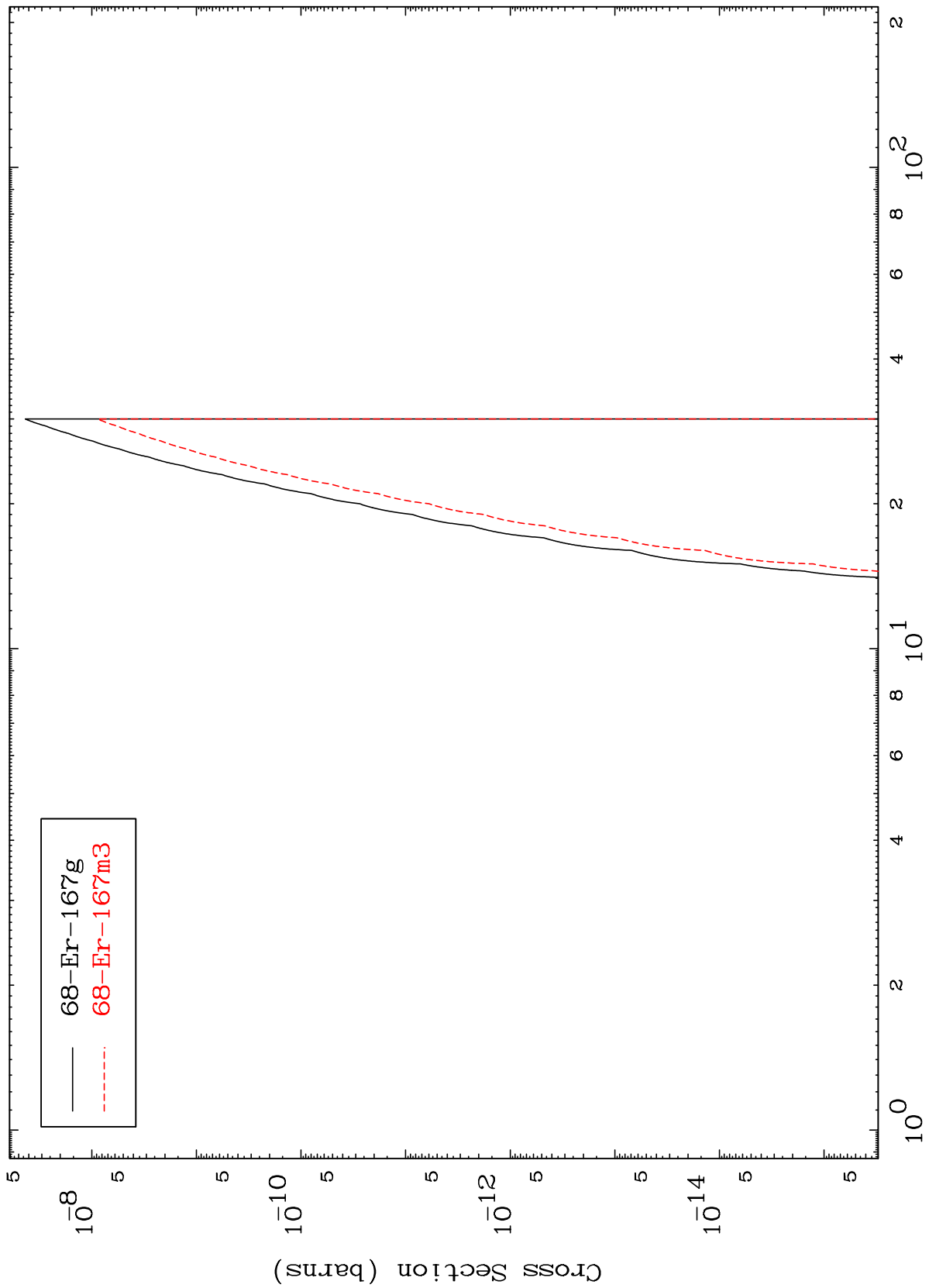
71-Lu-172

MAT 71116

(n,d) α

71-Lu-172

Radionuclide Production Cross Section



Incident Energy (MeV)

71-Lu-172

132