

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

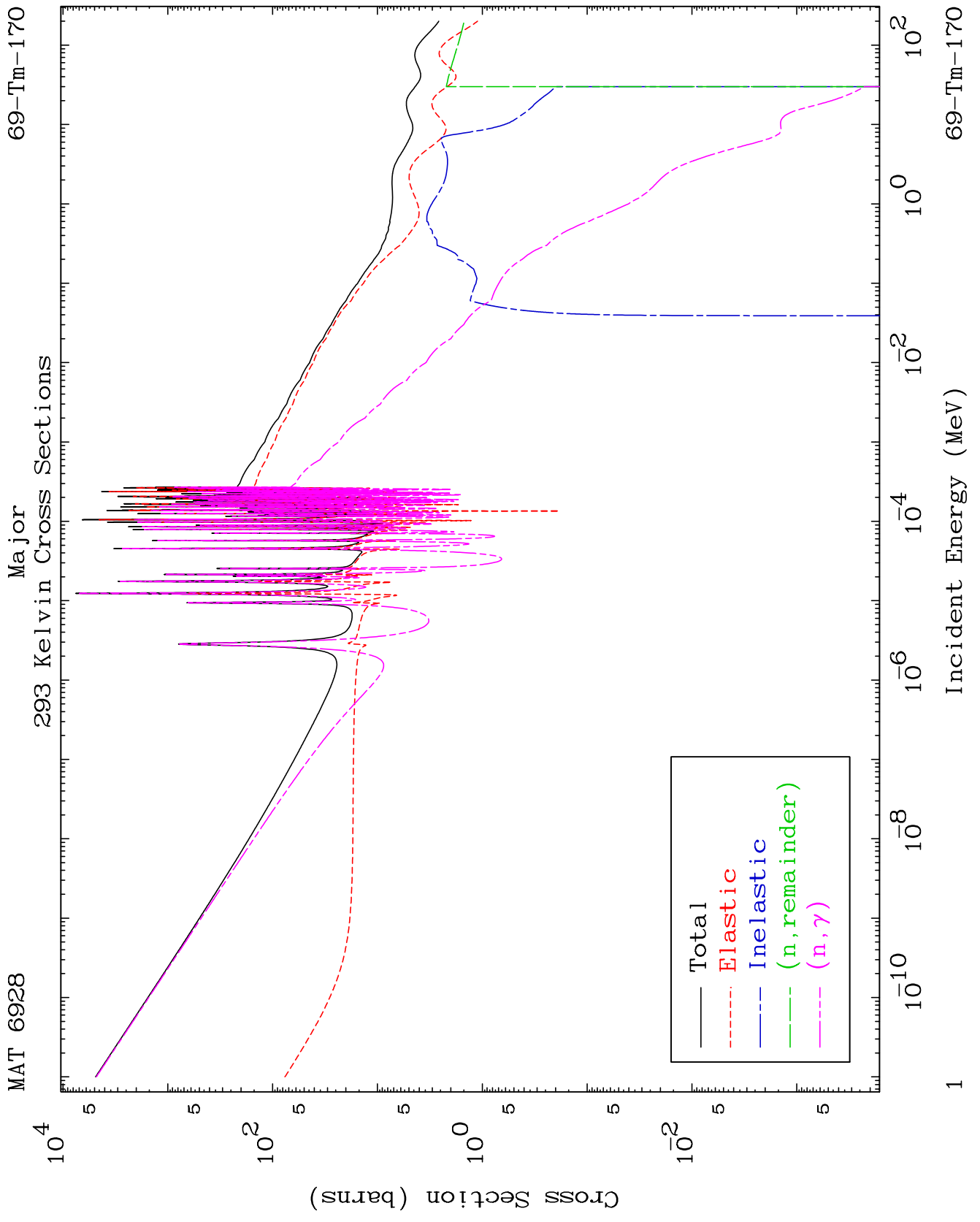
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

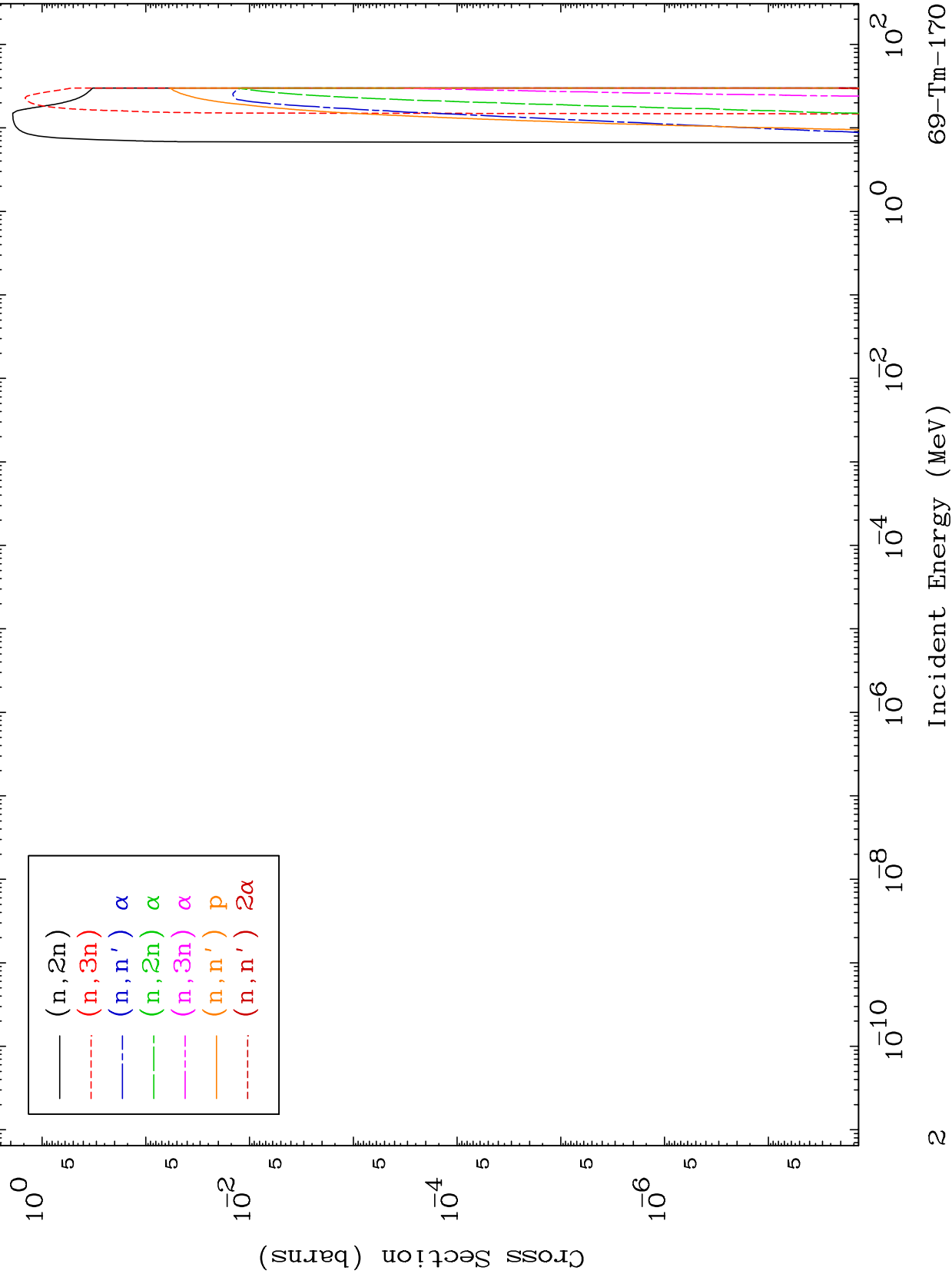
Press Mouse Button to Start



MAT 6928

Neutron Production
293 Kelvin Cross Sections

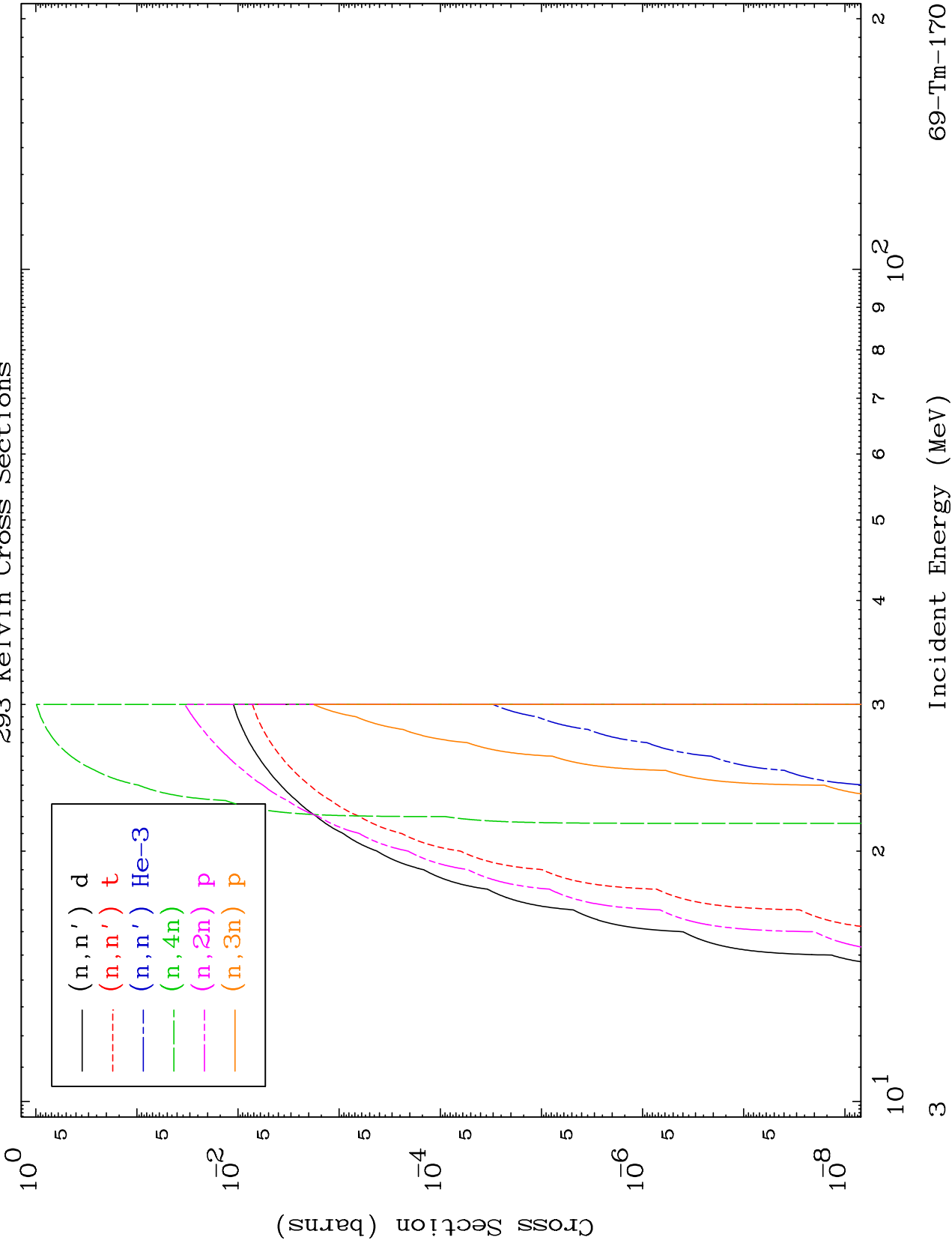
69-Tm-170



MAT 6928

Neutron Production
293 Kelvin Cross Sections

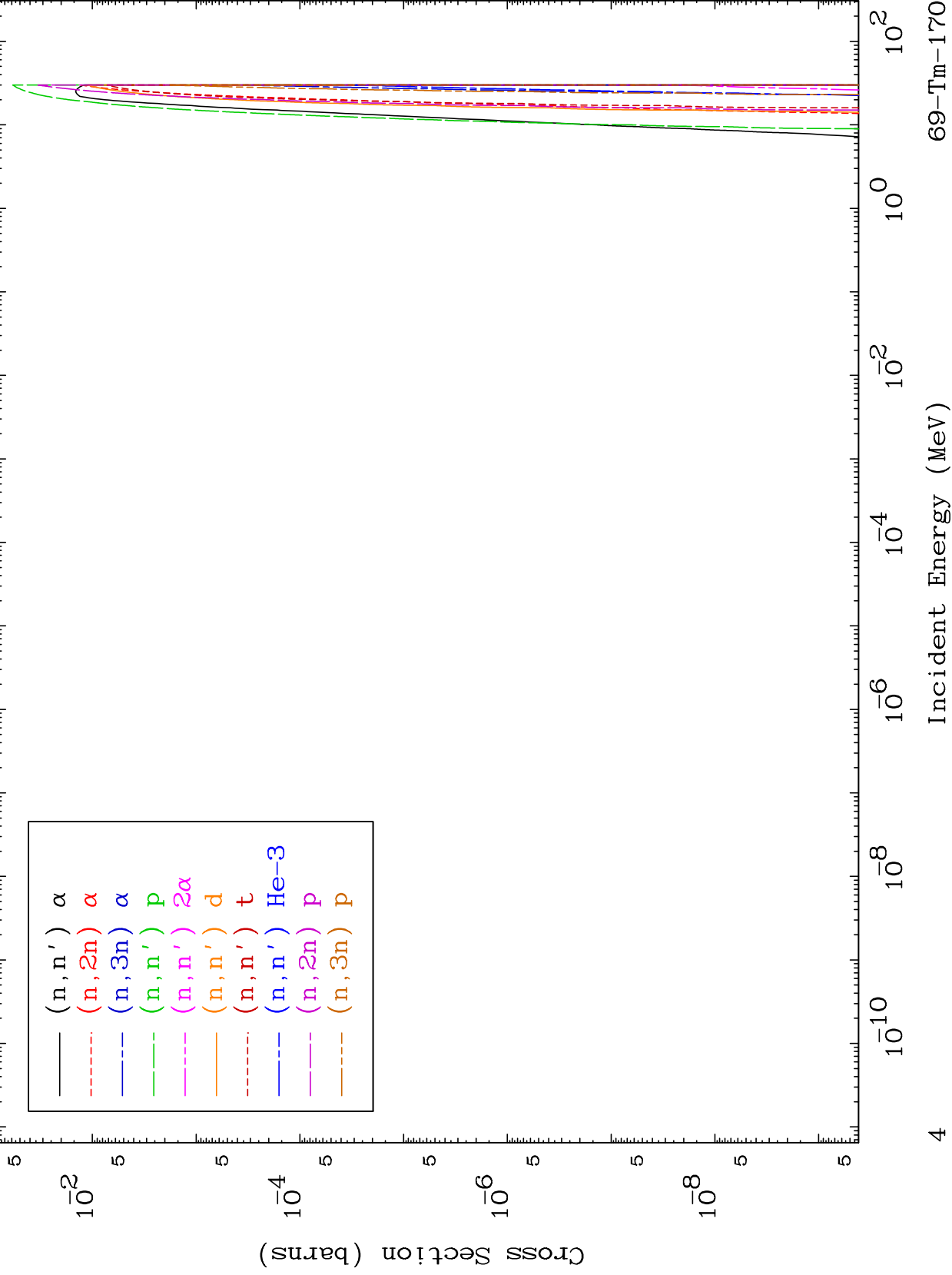
69-Tm-170



MAT 6928

Charged Particle
293 Kelvin Cross Sections

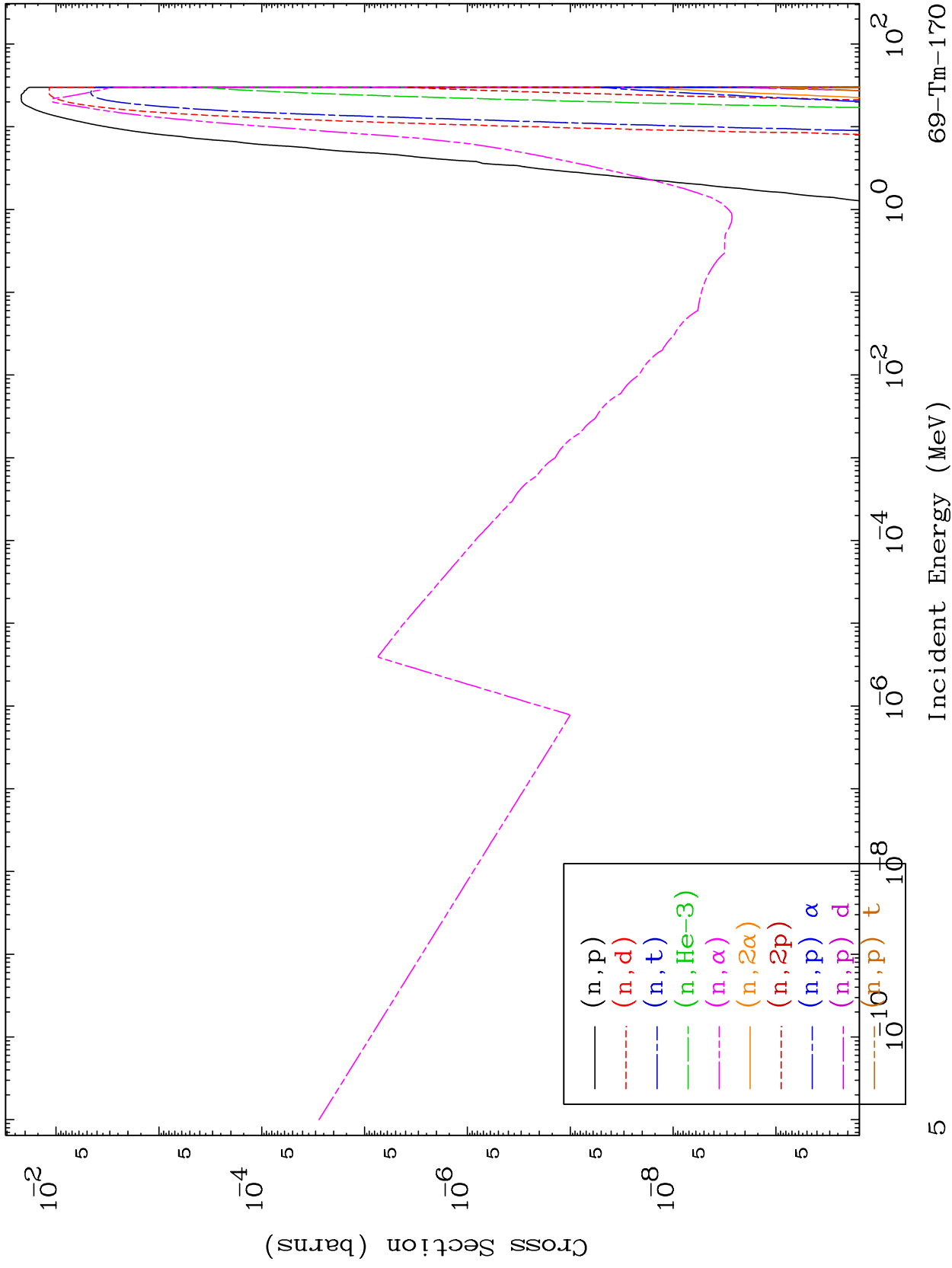
69-Tm-170



MAT 6928

Charged Particle
293 Kelvin Cross Sections

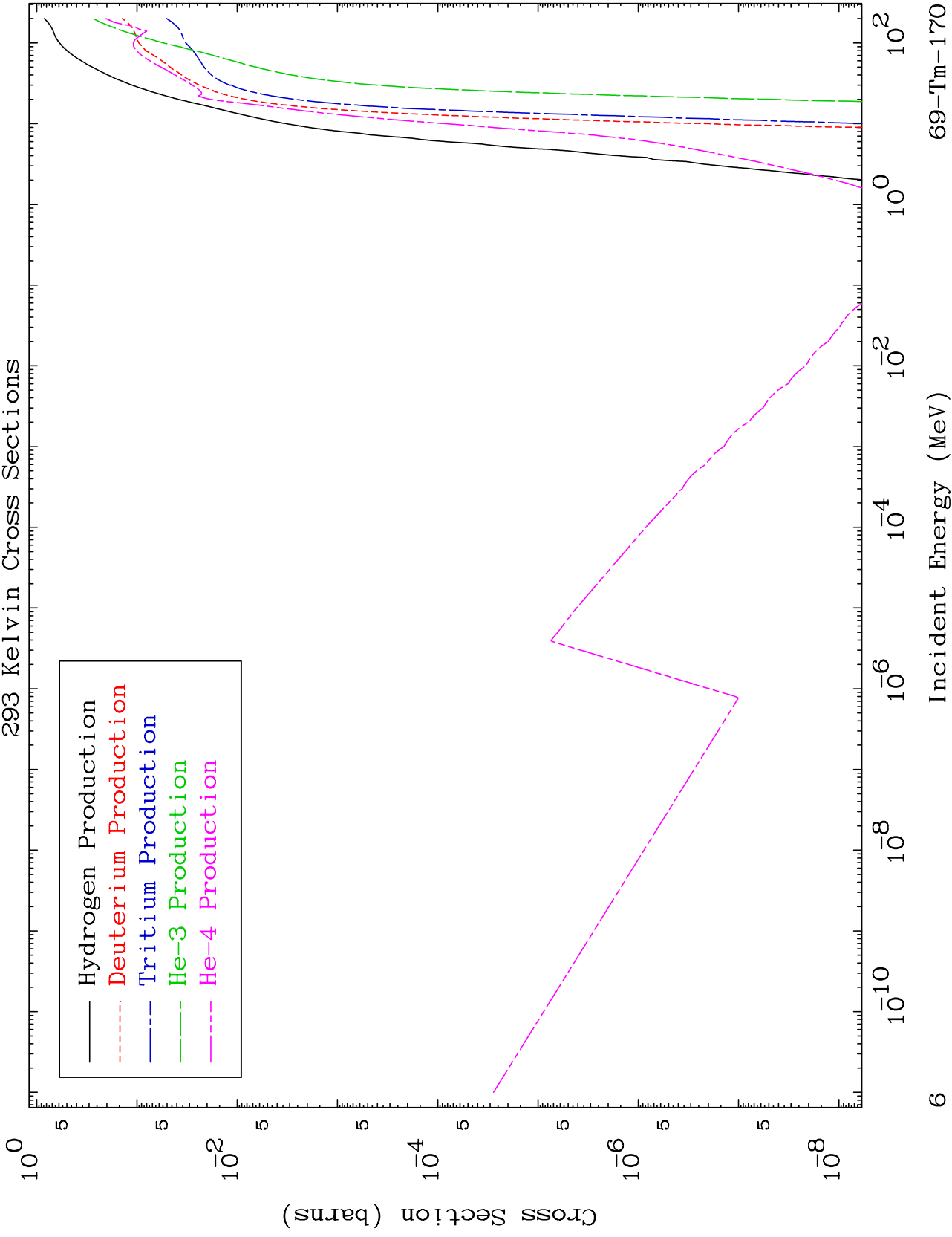
69-Tm-170



MAT 6928

Particle Production
293 Kelvin Cross Sections

69-Tm-170

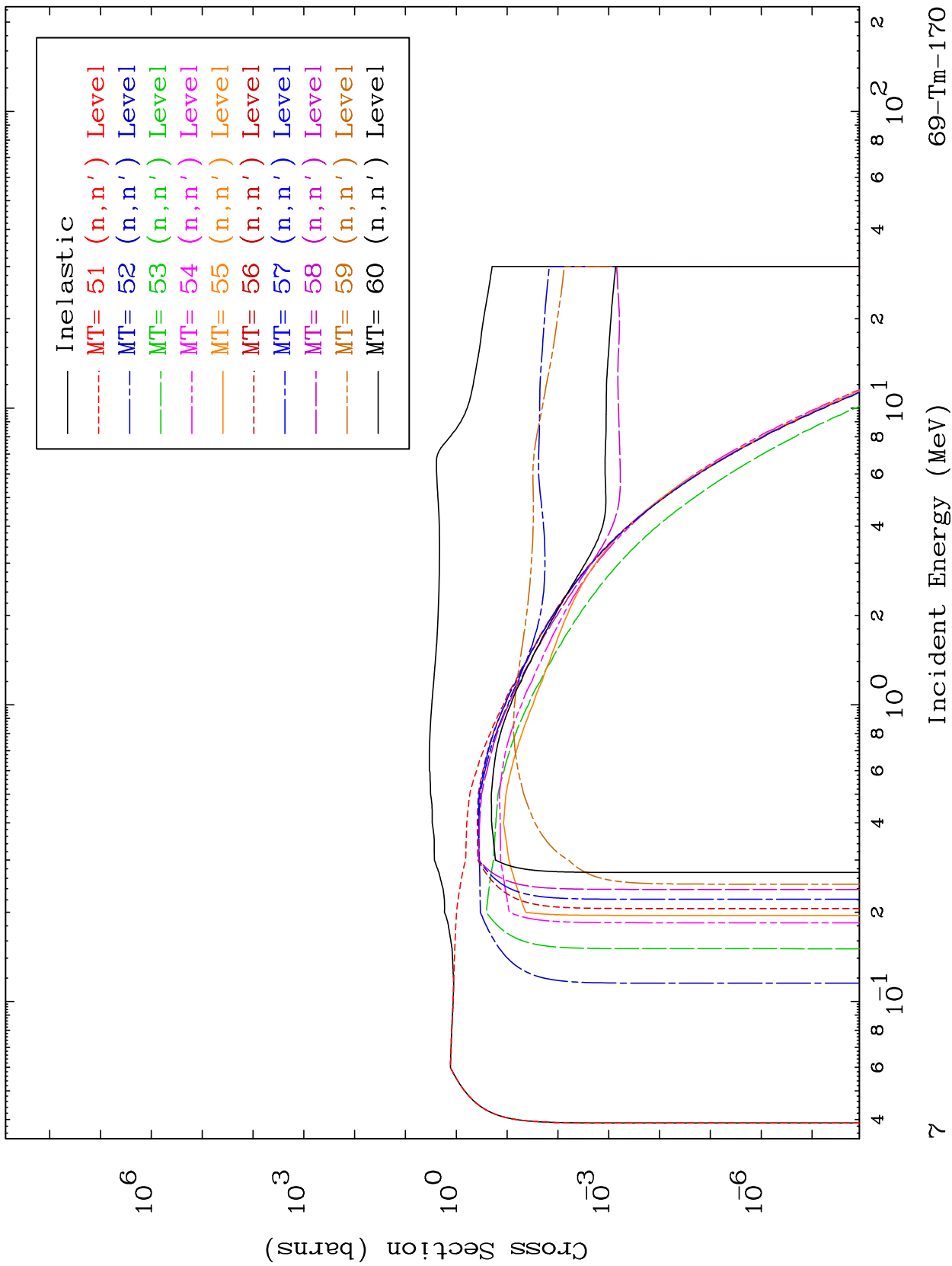


MAT 6928

(n,n') Level

69-Tm-170

293 Kelvin Cross Sections

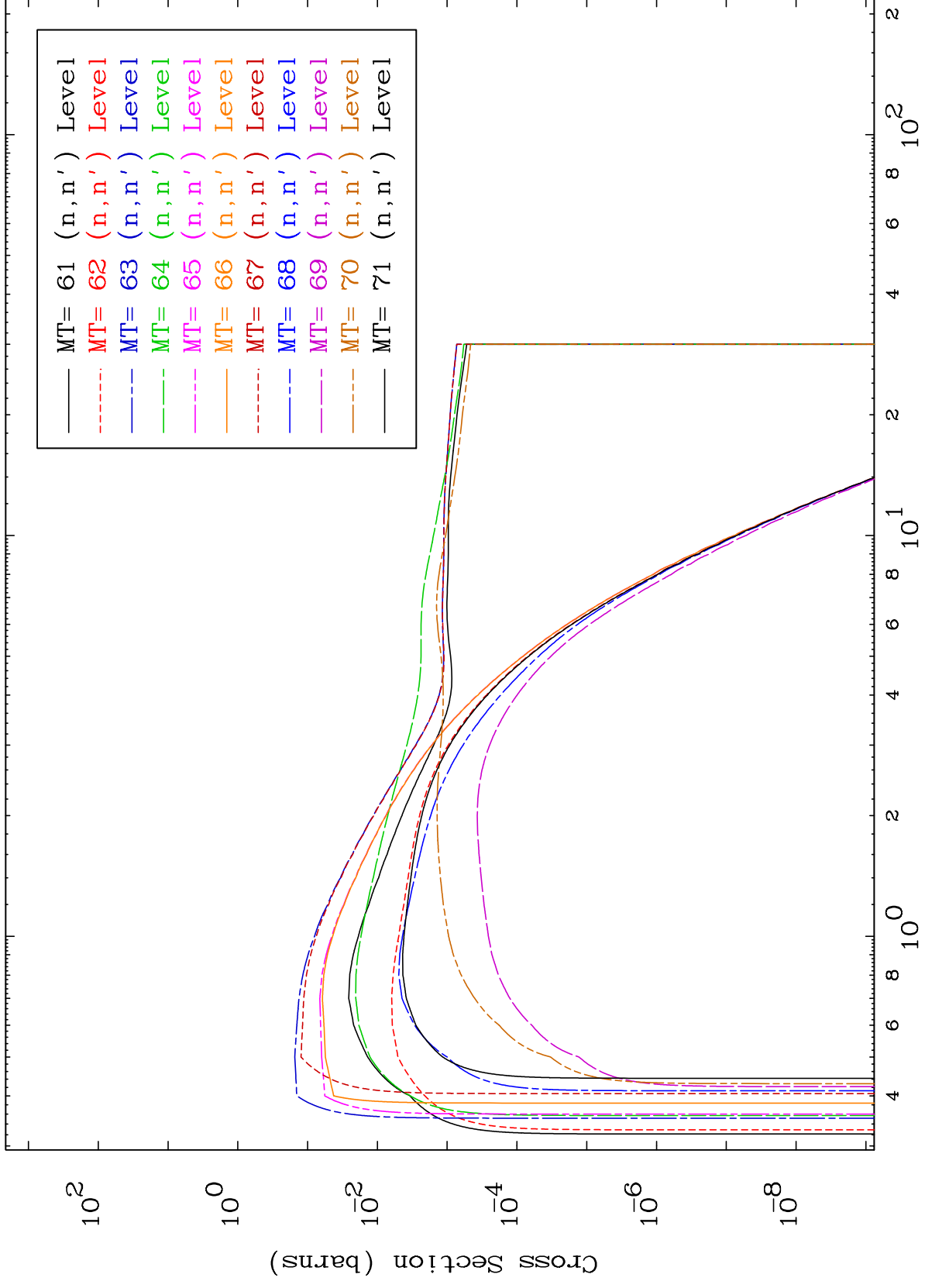


MAT 6928

(n,n') Level

69-Tm-170

293 Kelvin Cross Sections

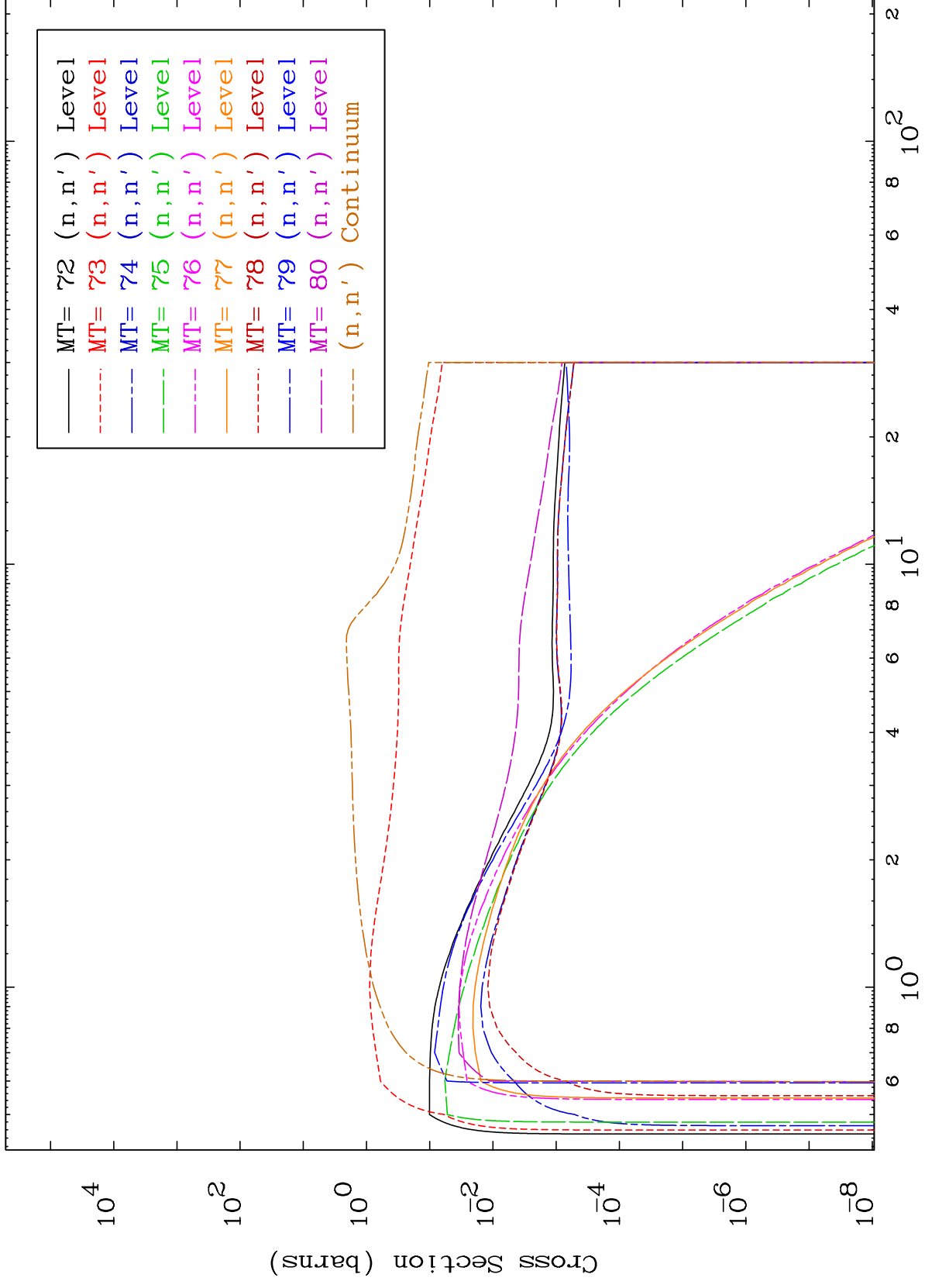


8

Incident Energy (MeV)

69-Tm-170

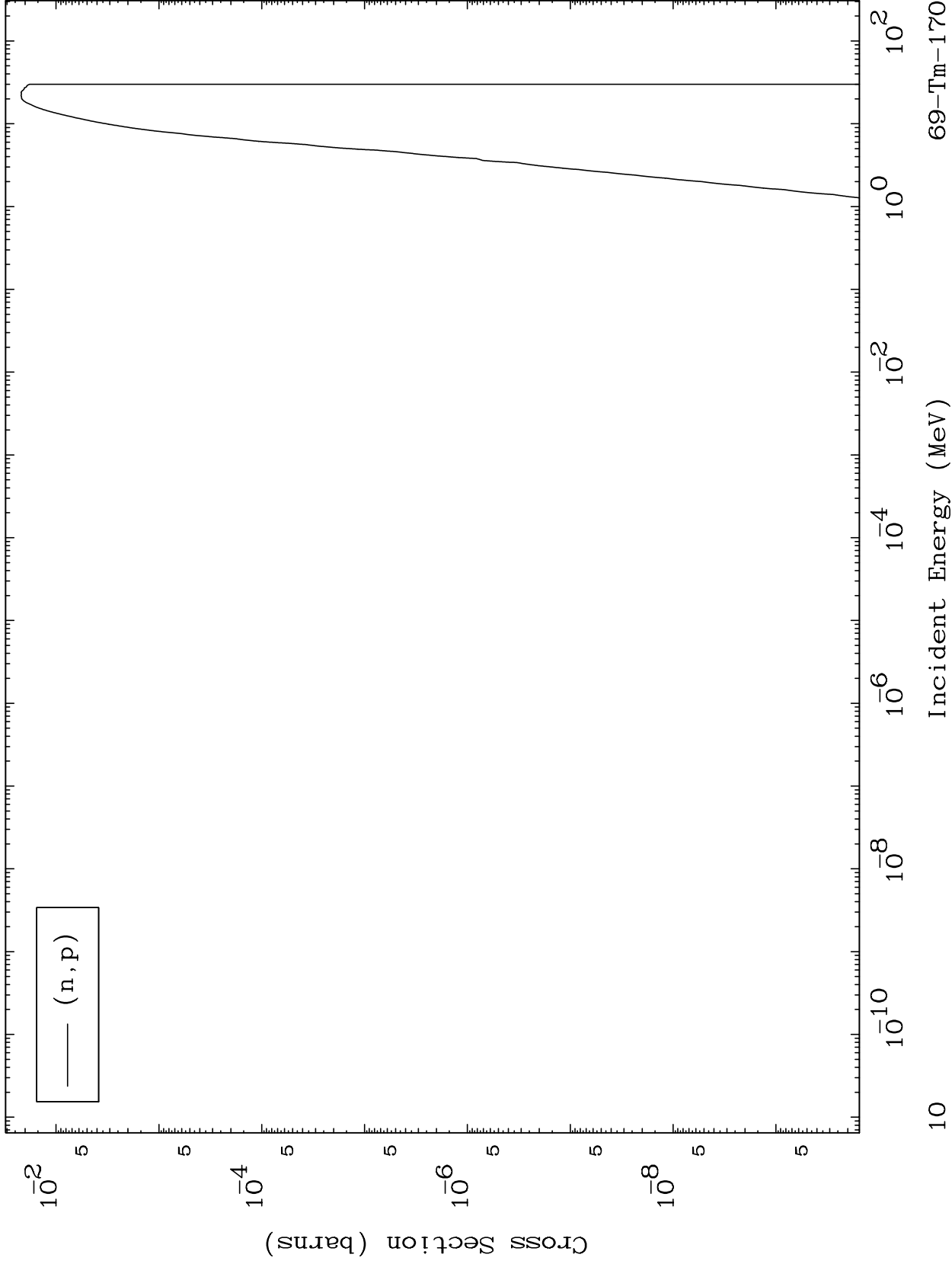
293 Kelvin Cross Sections



MAT 6928

(n,p) Levels
293 Kelvin Cross Sections

69-Tm-170



10

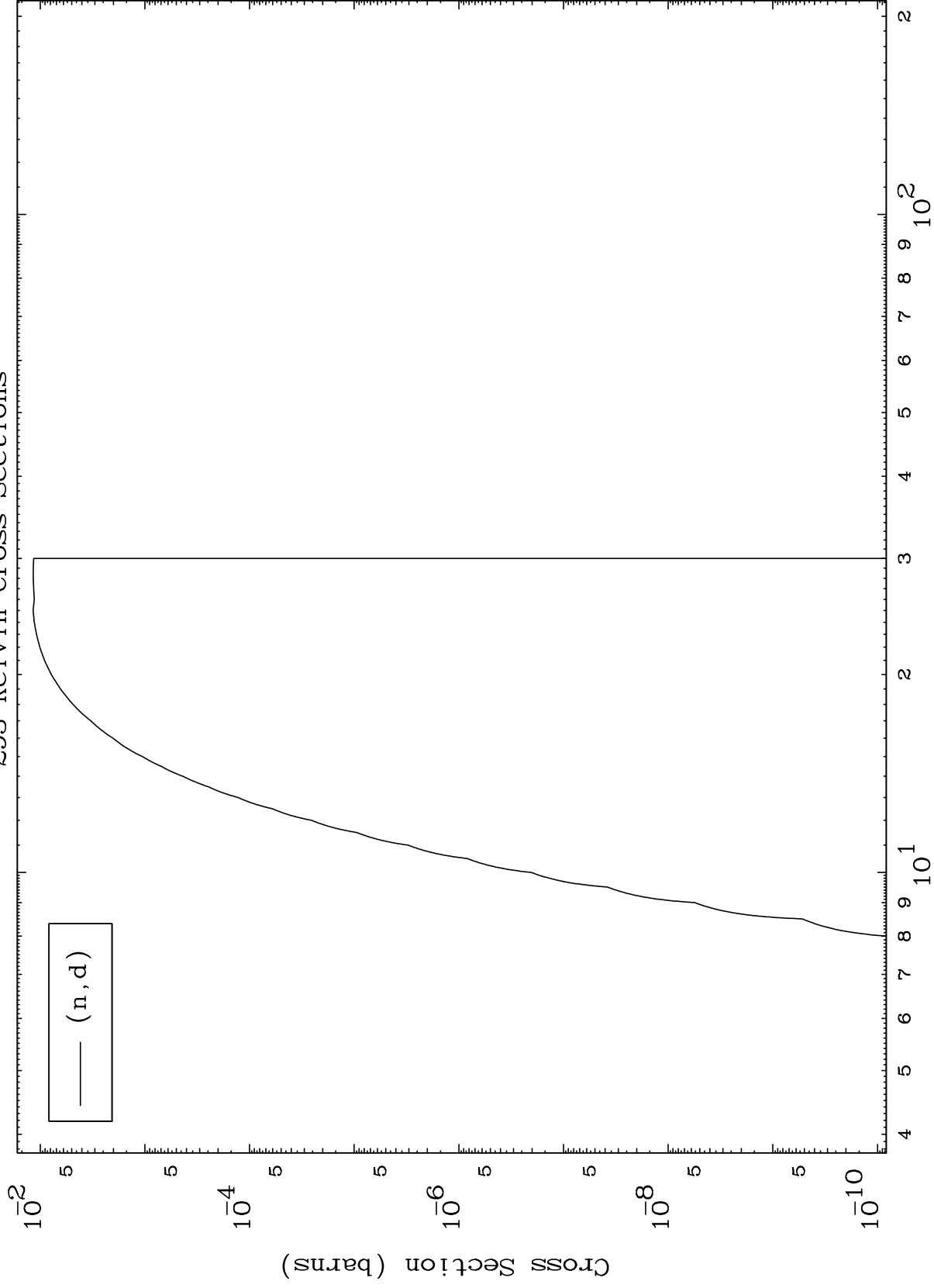
Incident Energy (MeV)

69-Tm-170

MAT 6928

(n,d) Levels
293 Kelvin Cross Sections

69-Tm-170



11

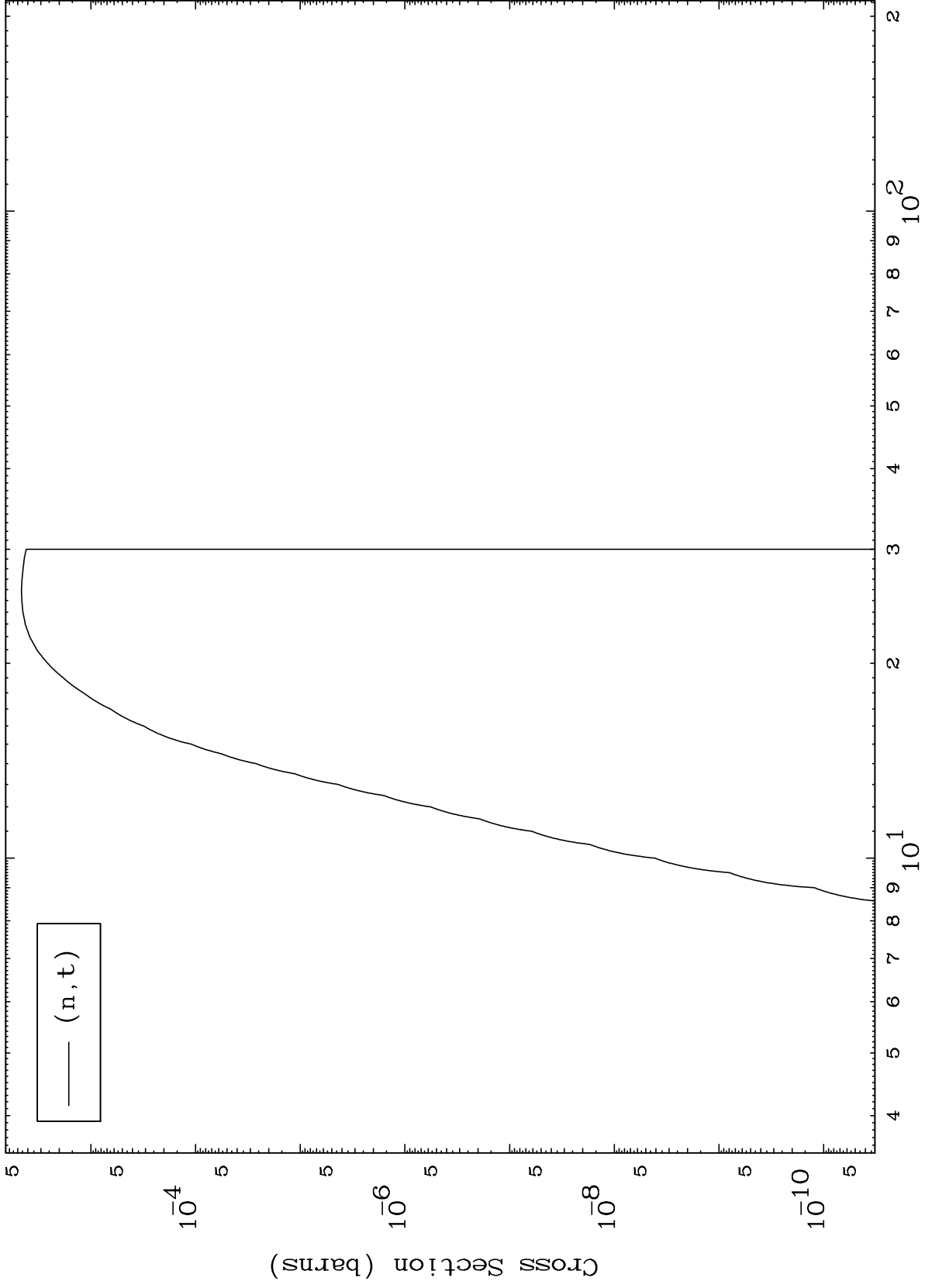
Incident Energy (MeV)

69-Tm-170

MAT 6928

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-170



12

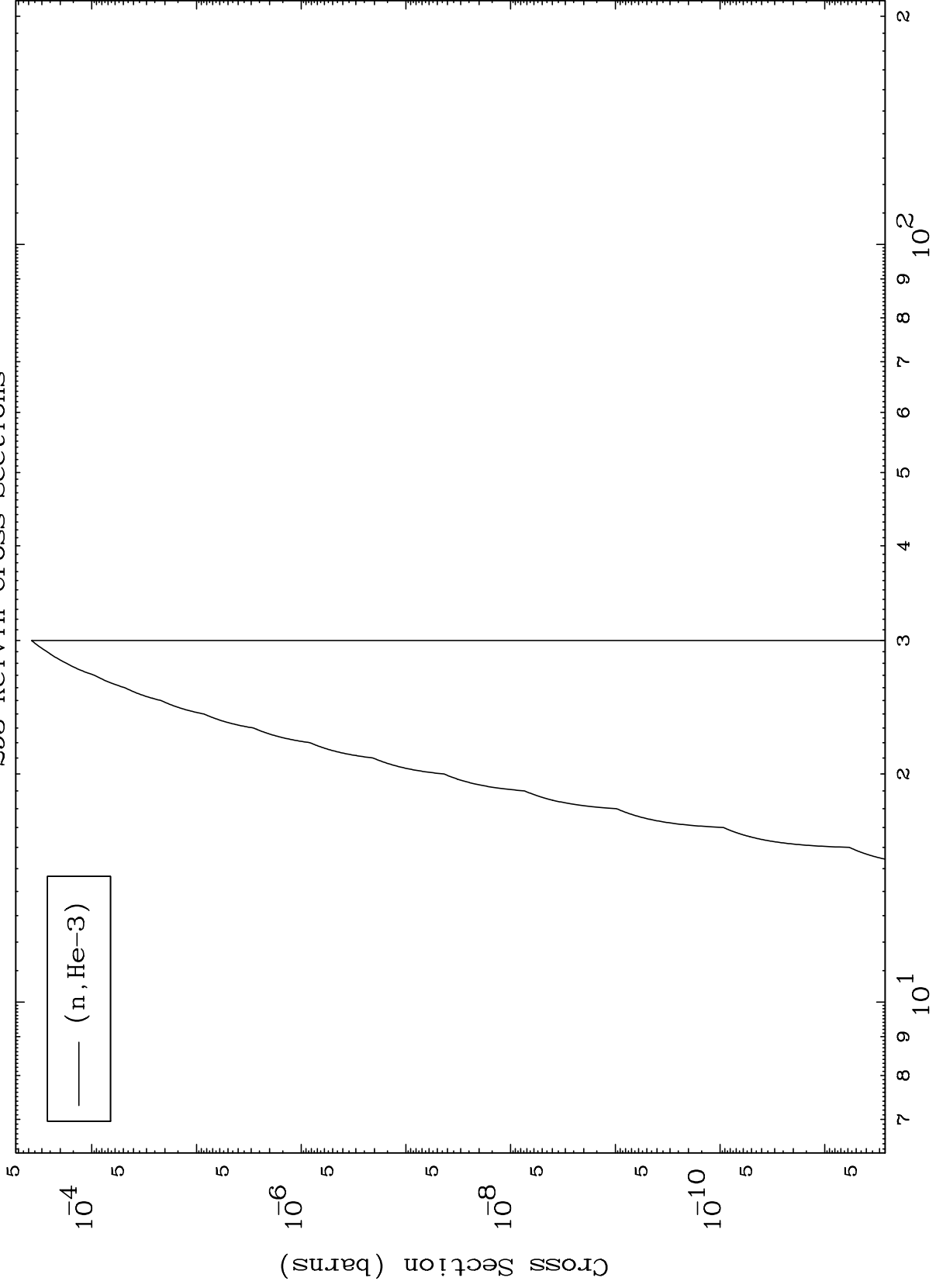
Incident Energy (MeV)

69-Tm-170

MAT 6928

(n,He3) Levels
293 Kelvin Cross Sections

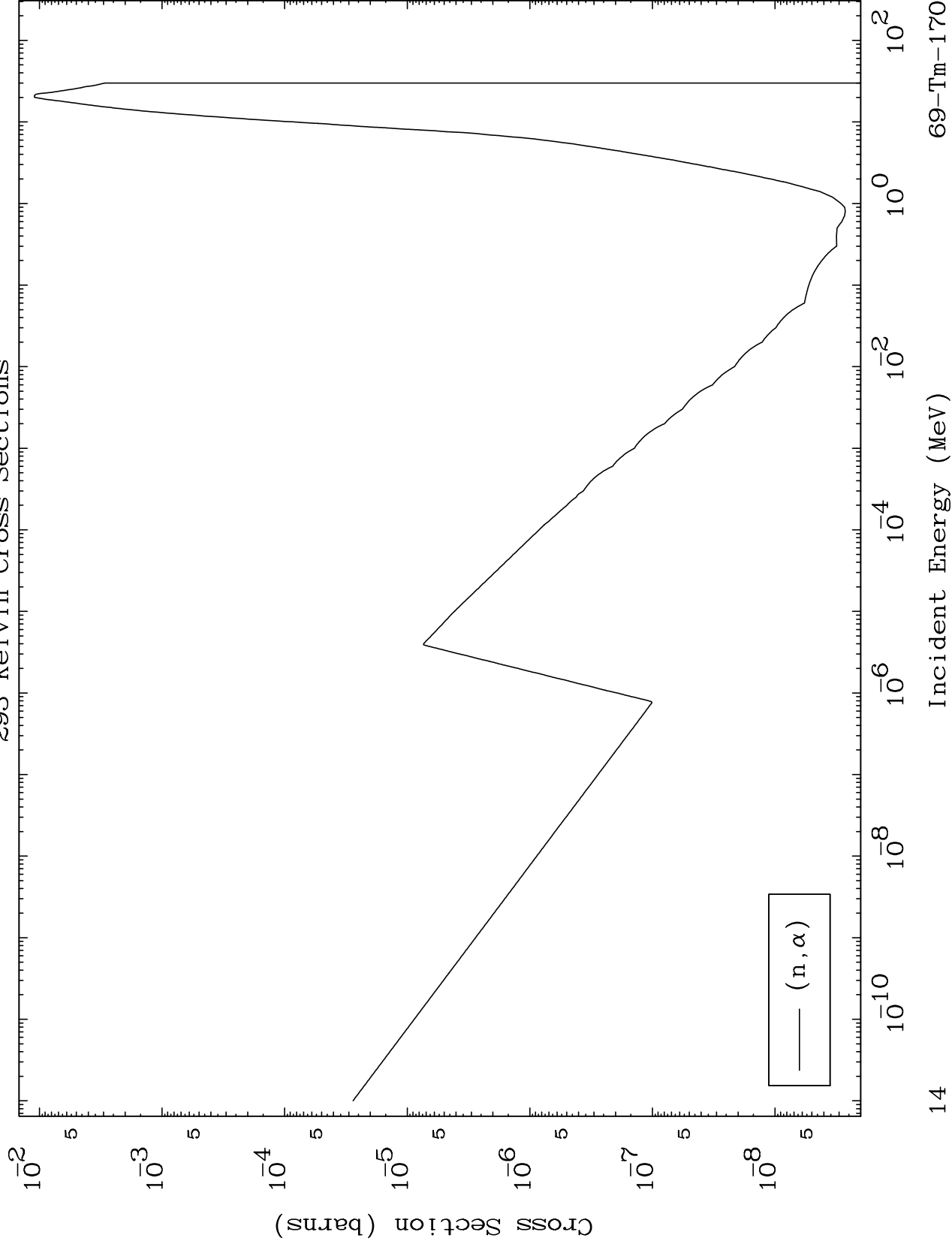
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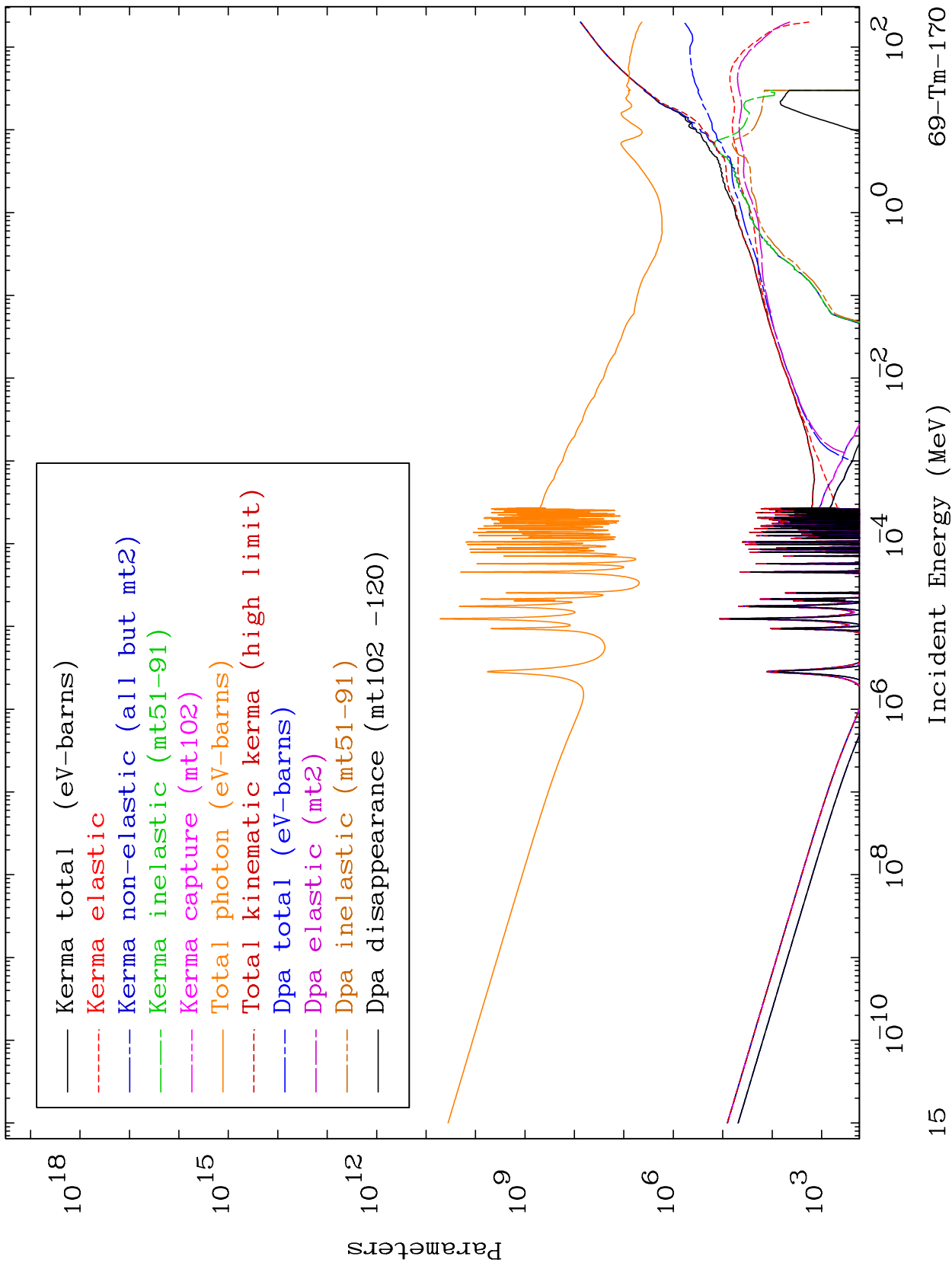


MAT 6928

(n,α) Levels
293 Kelvin Cross Sections

69-Tm-170

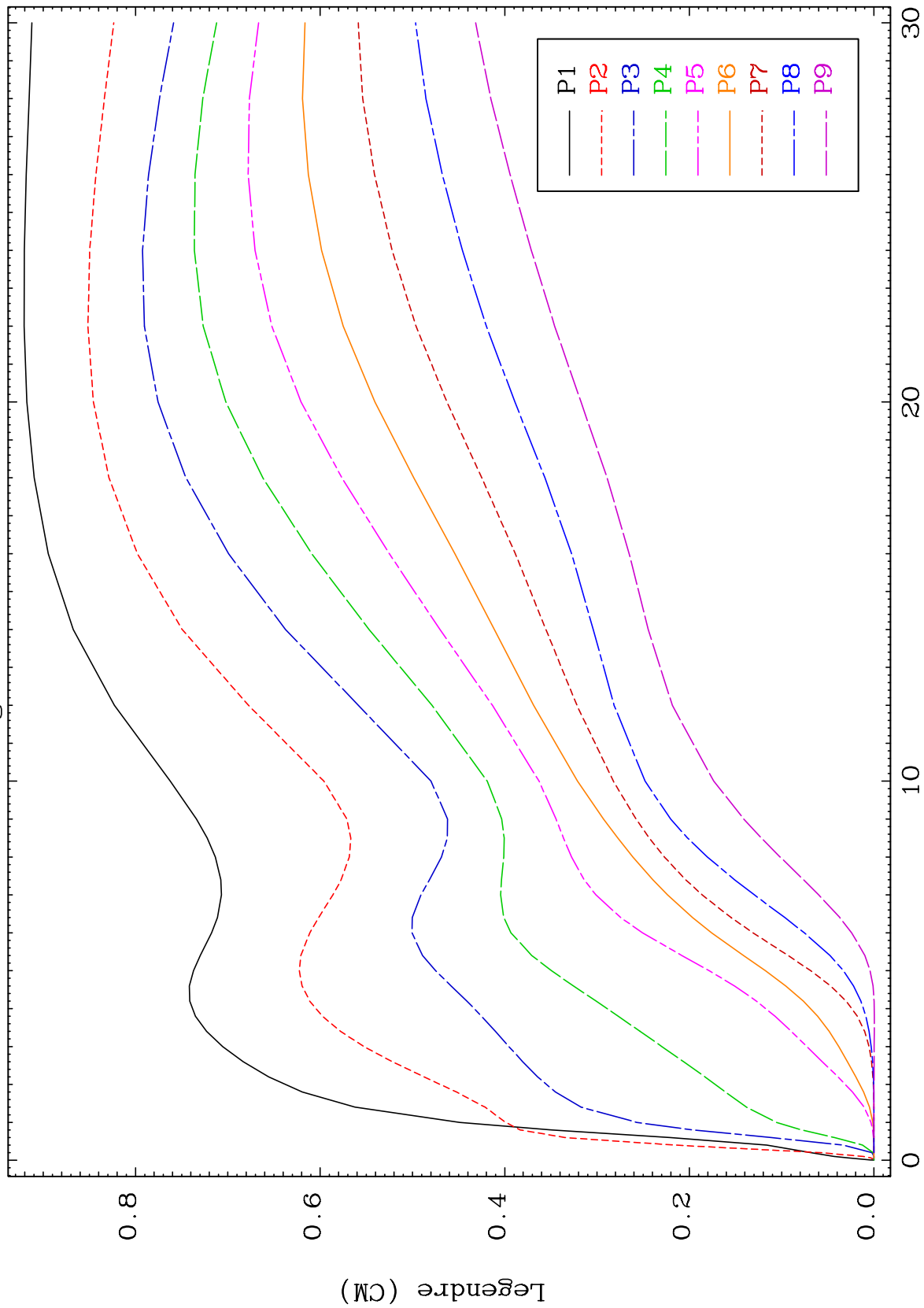




MAT 6928

Elastic Legendre Coefficients

69-Tm-170



16

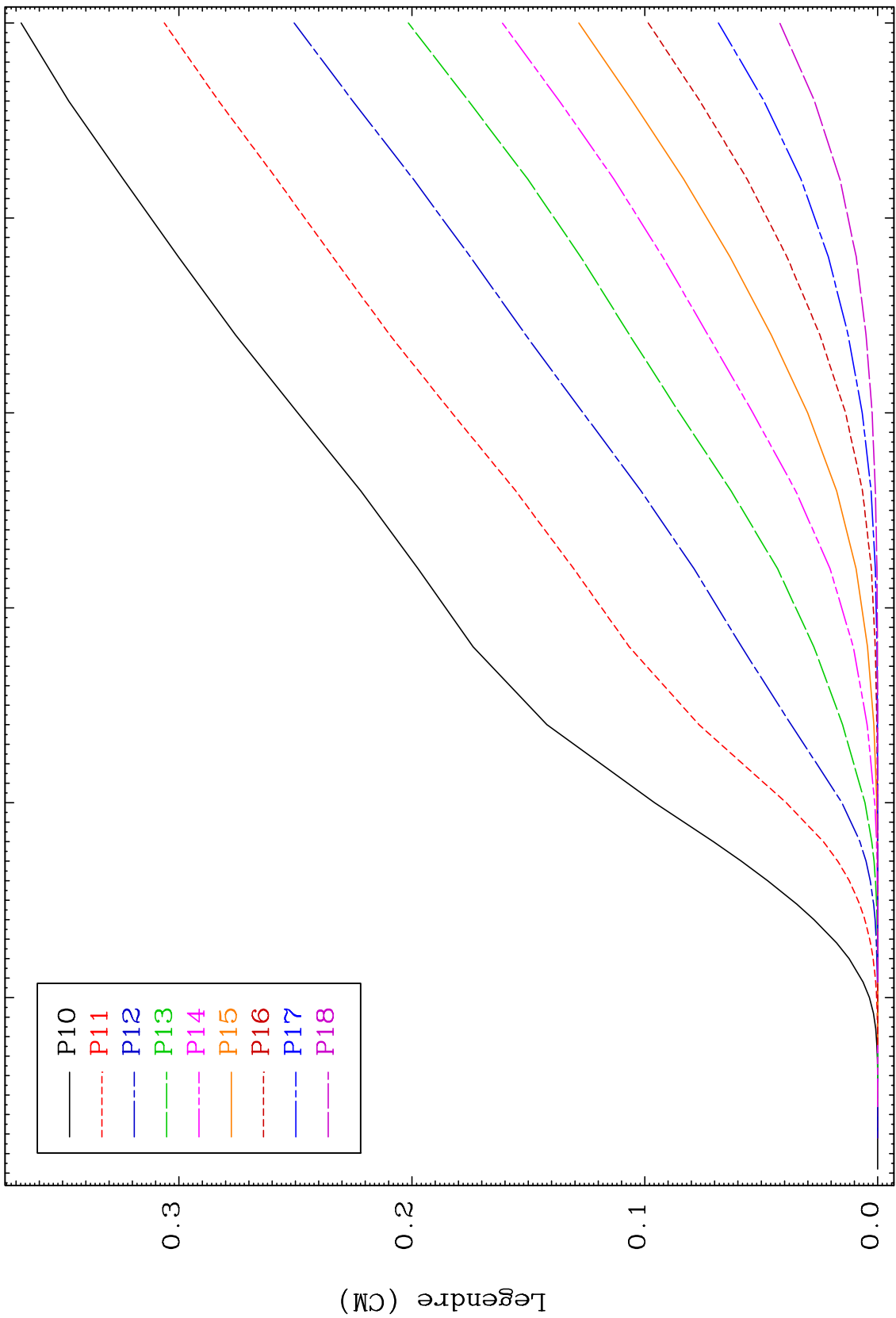
Incident Energy (MeV)

69-Tm-170

MAT 6928

Elastic Legendre Coefficients

69-Tm-170



17

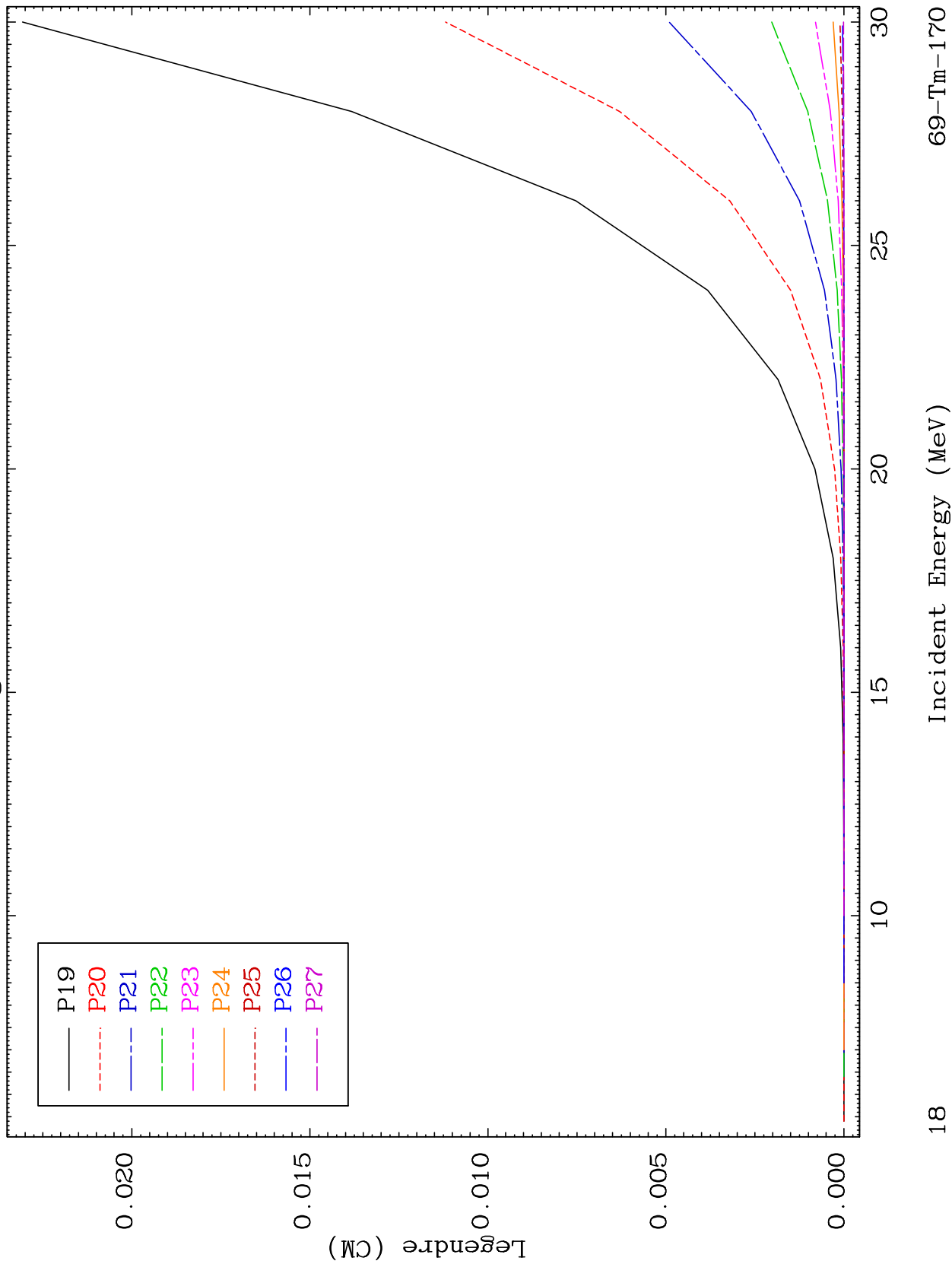
Incident Energy (MeV)

69-Tm-170

MAT 6928

Elastic Legendre Coefficients

69-Tm-170



18

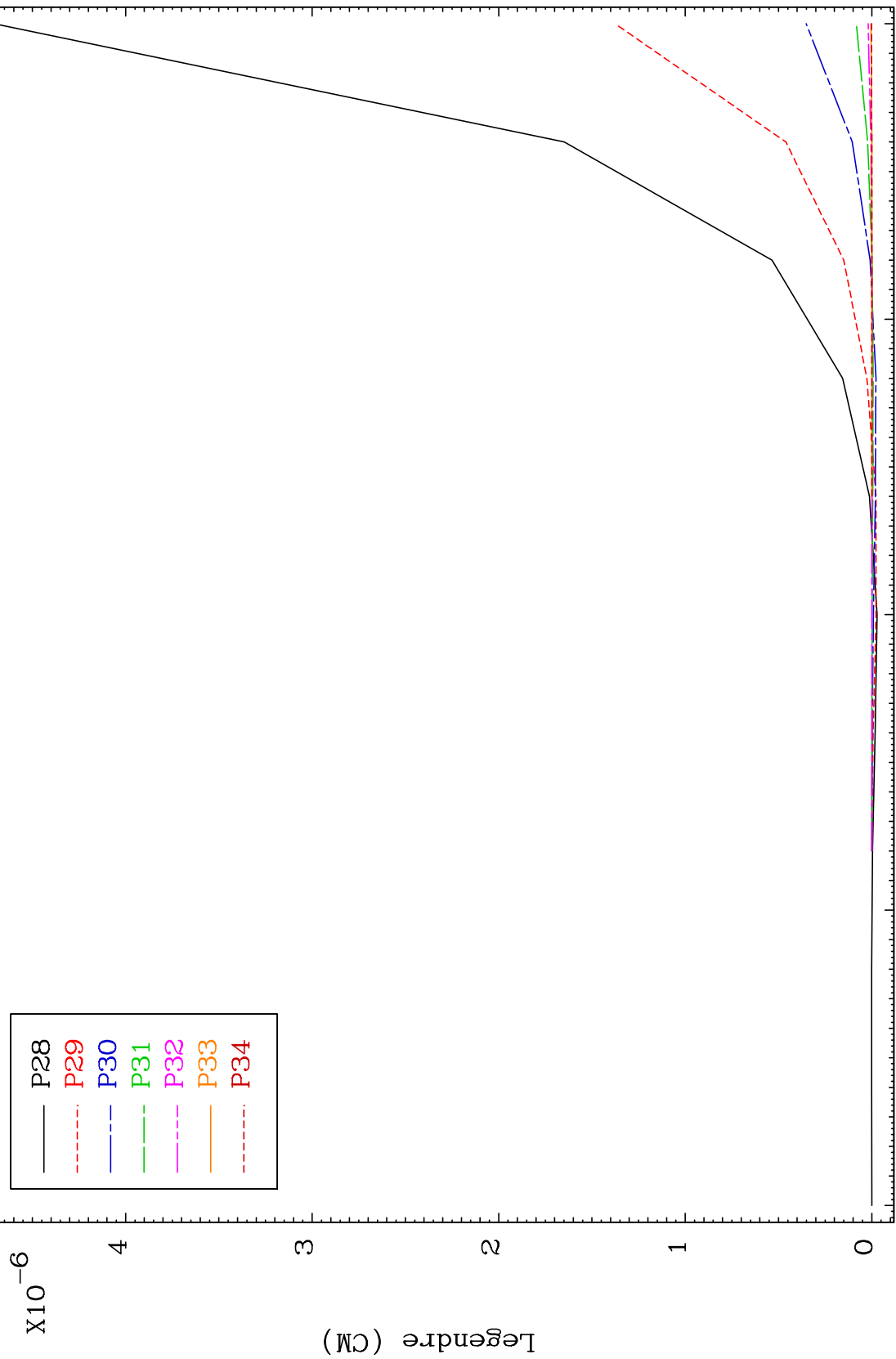
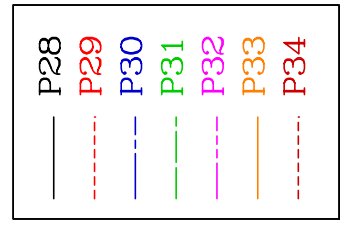
Incident Energy (MeV)

69-Tm-170

MAT 6928

Elastic Legendre Coefficients

69-Tm-170



10

15

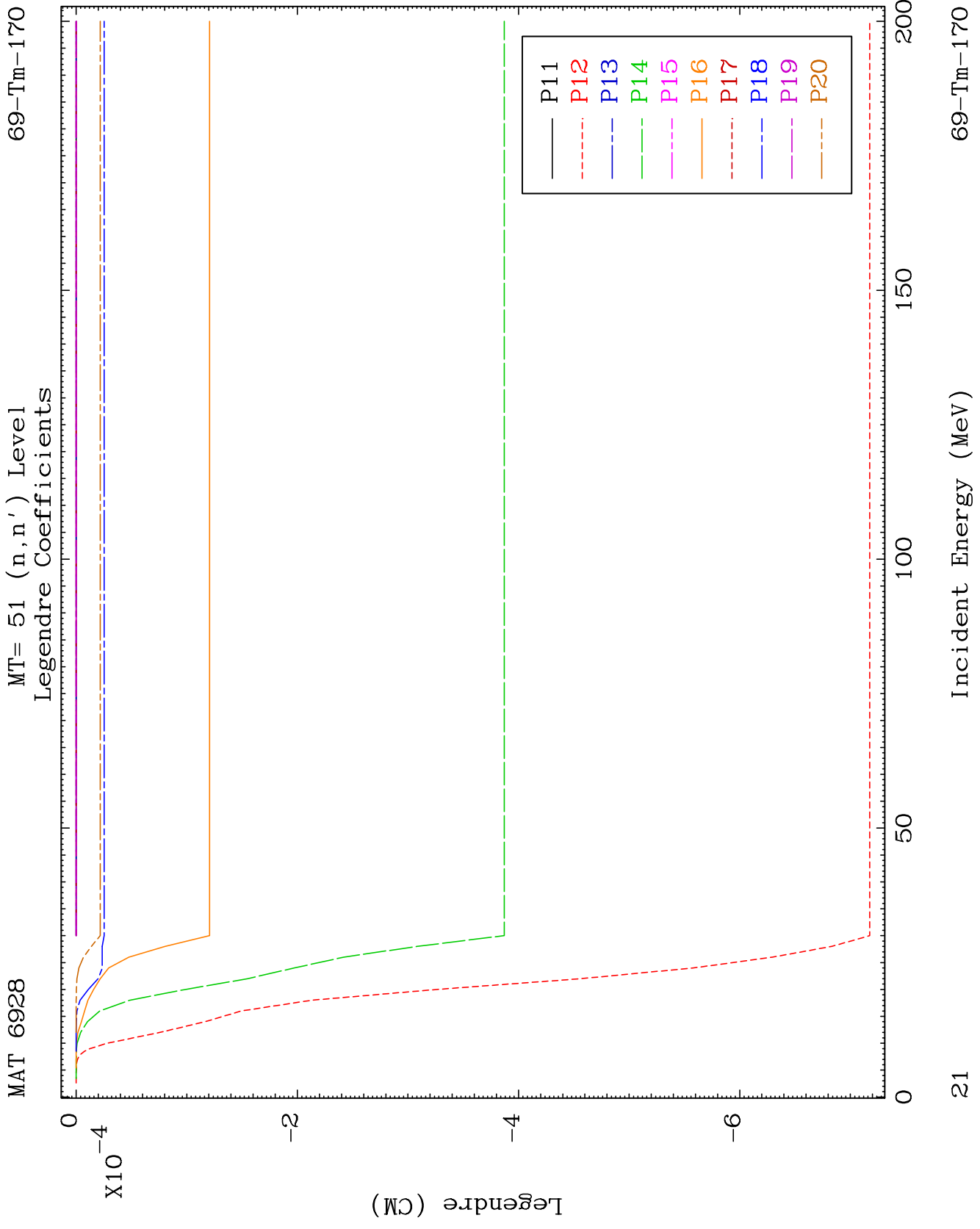
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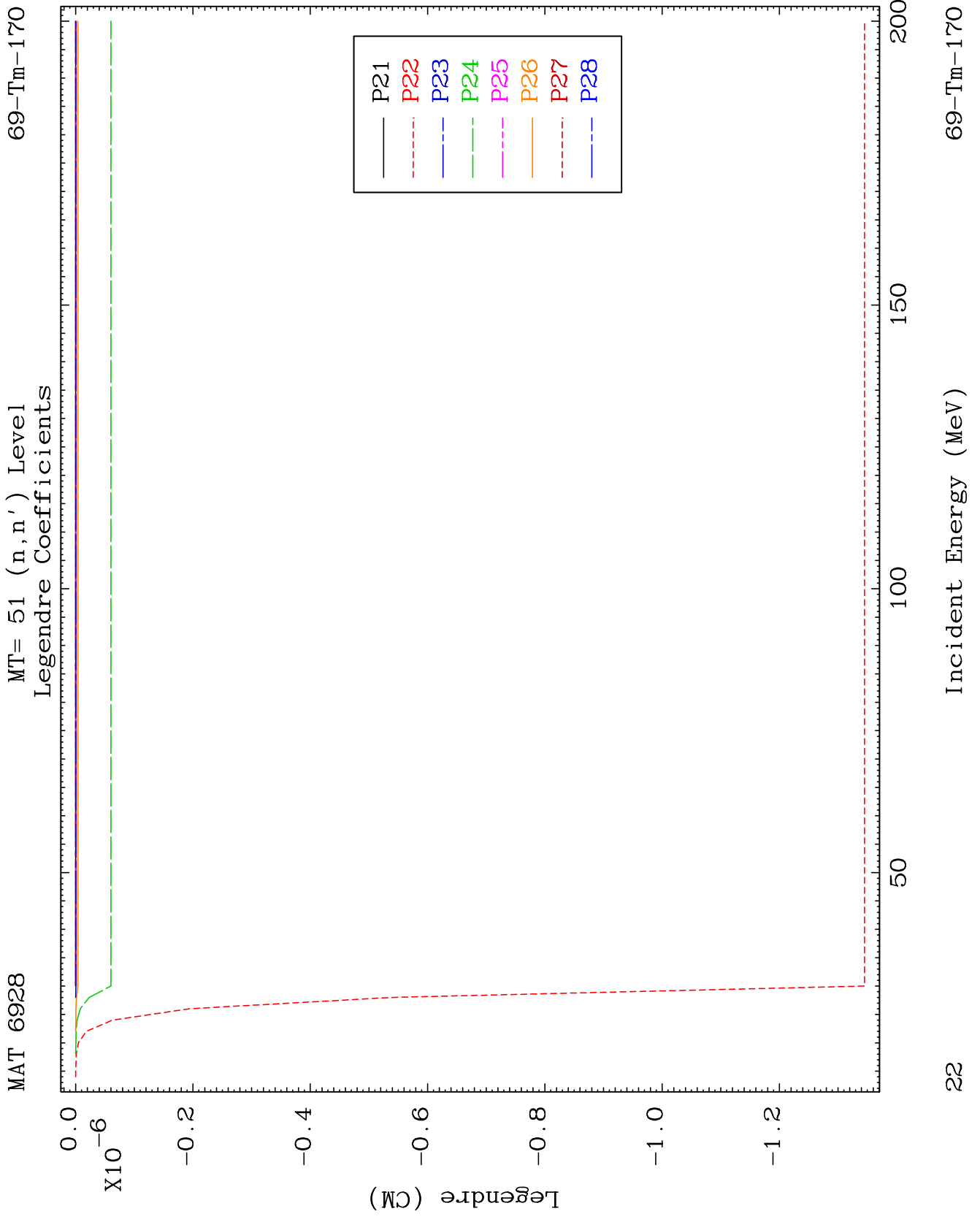
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30

Incident Energy (MeV)

69-Tm-170

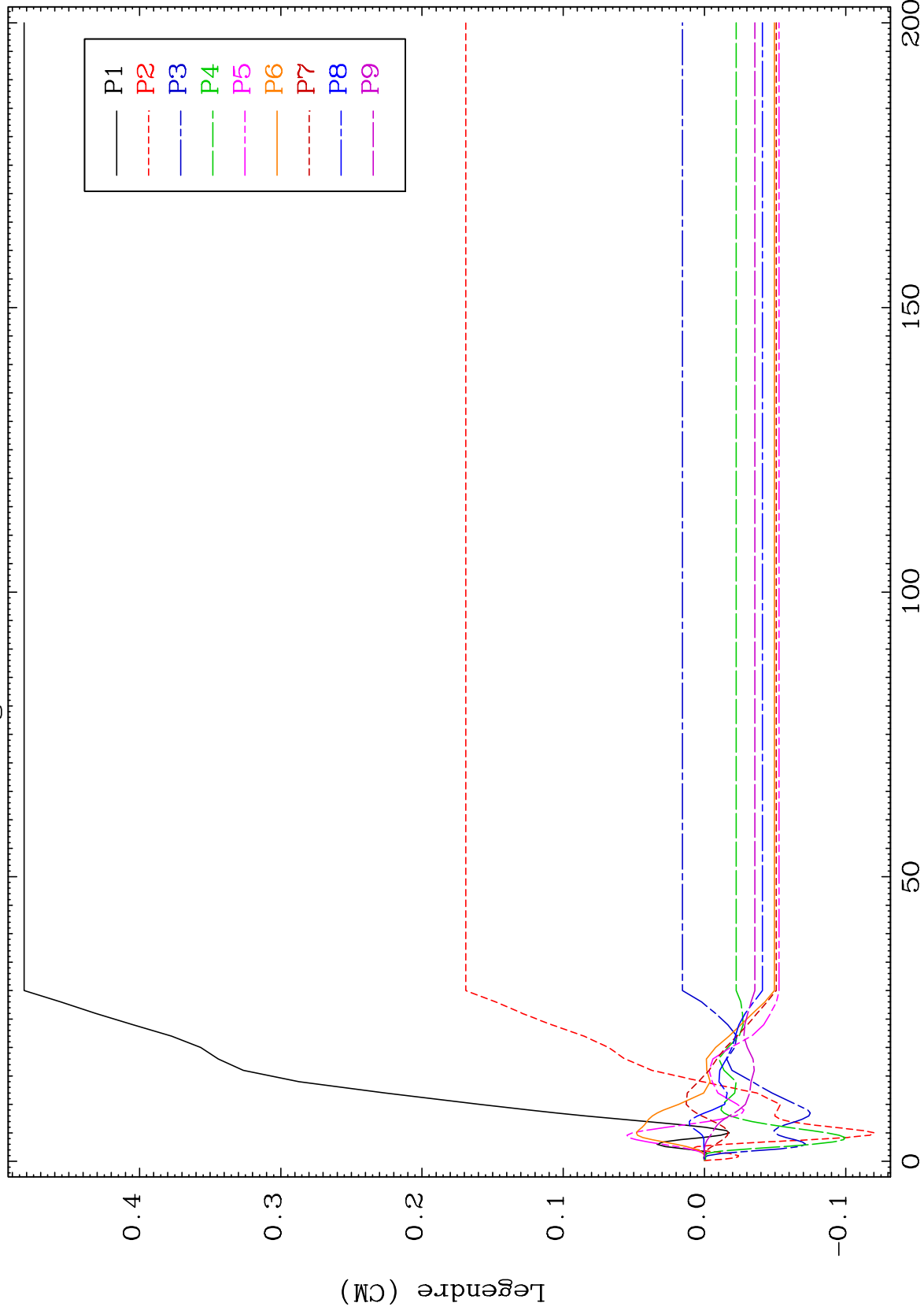




MAT 6928

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

69-Tm-170



23

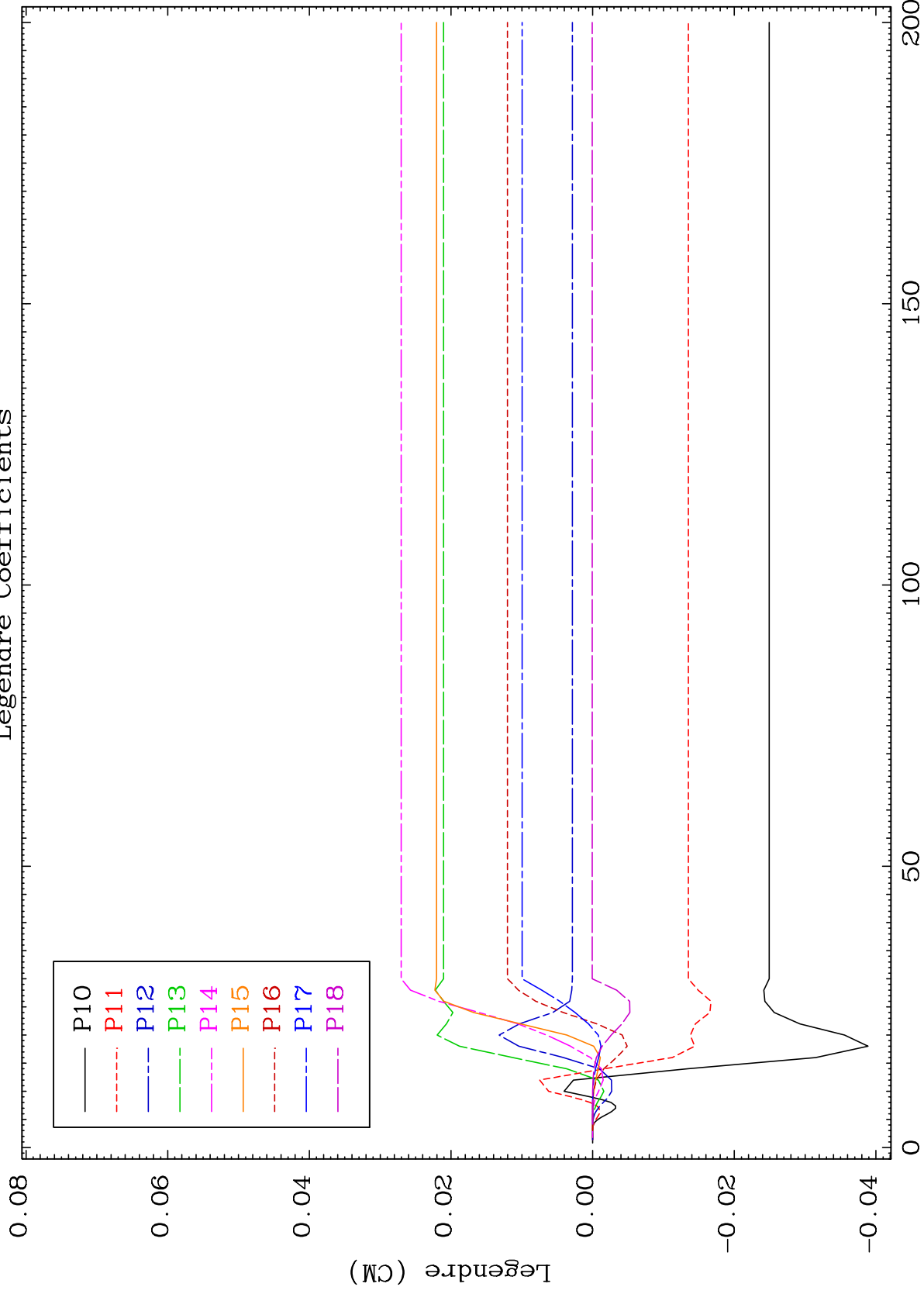
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

69-Tm-170



24

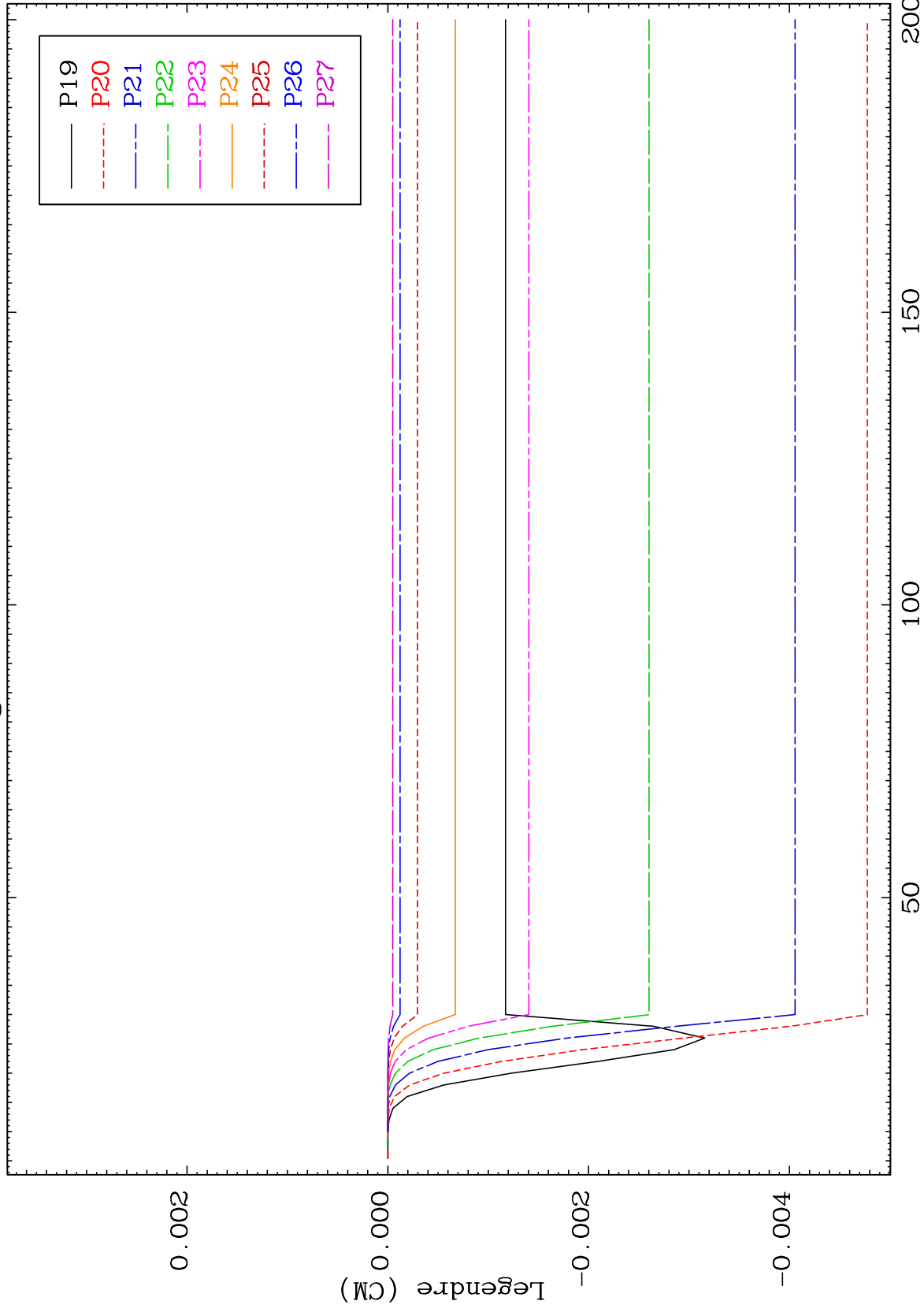
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

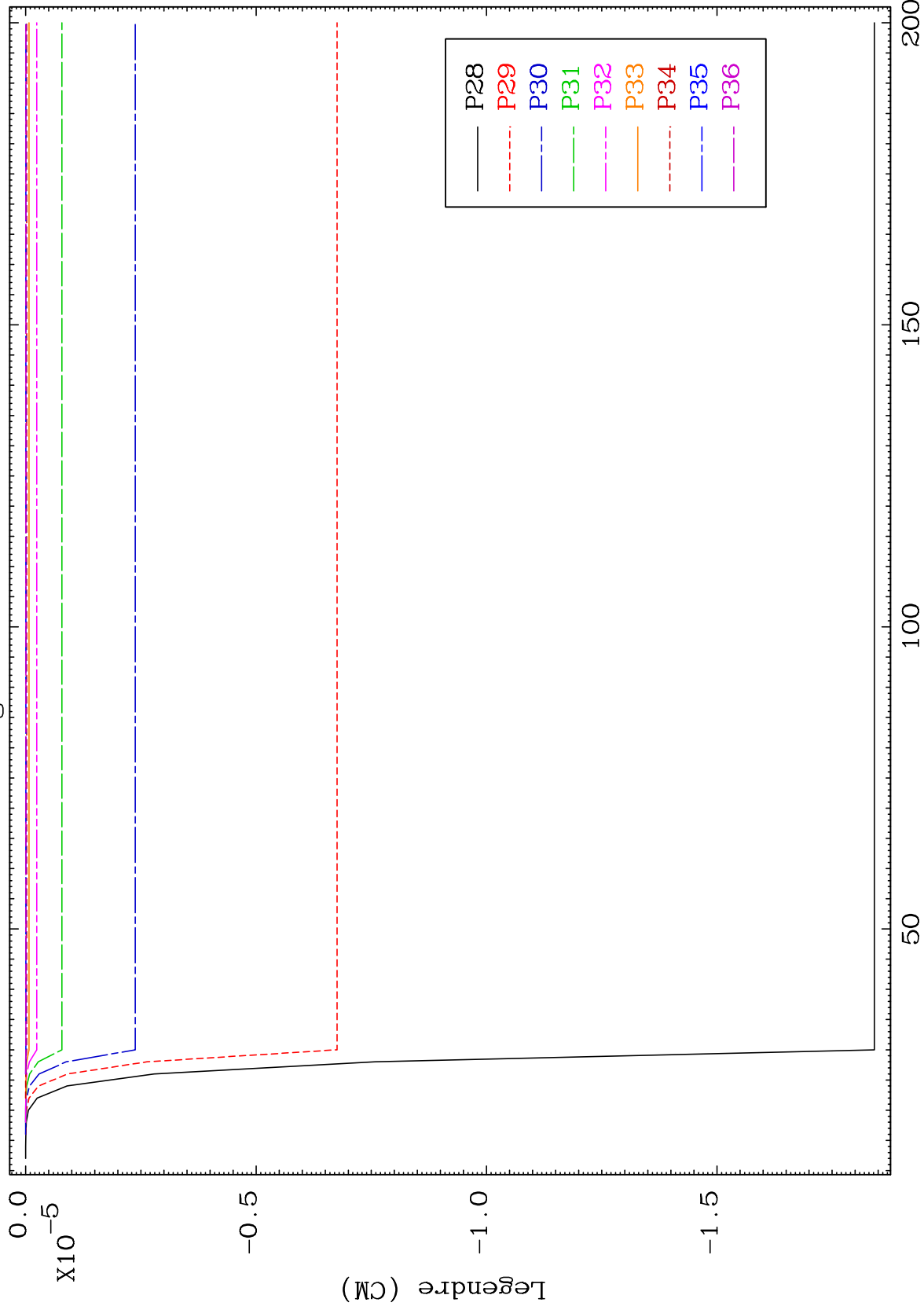
69-Tm-170

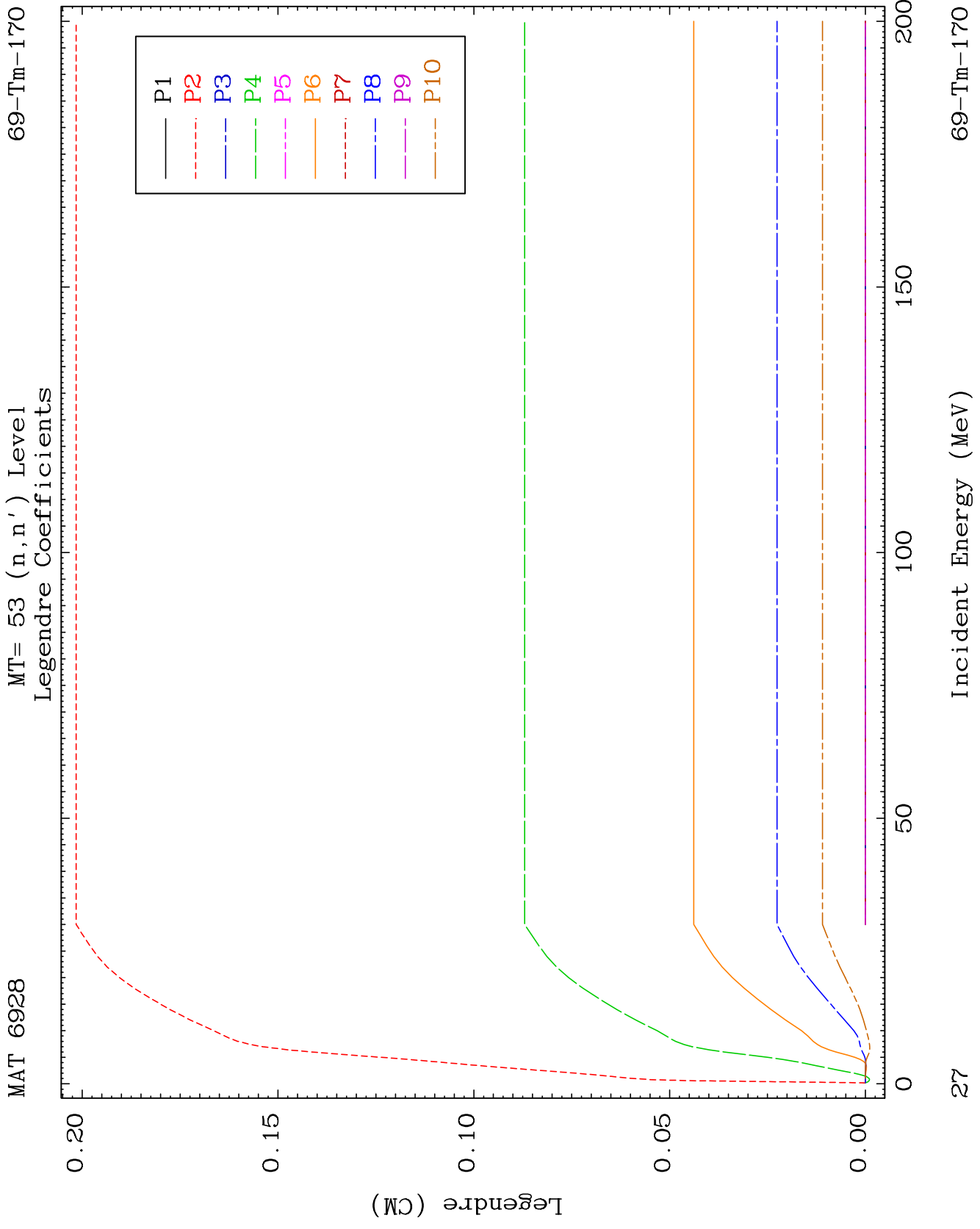


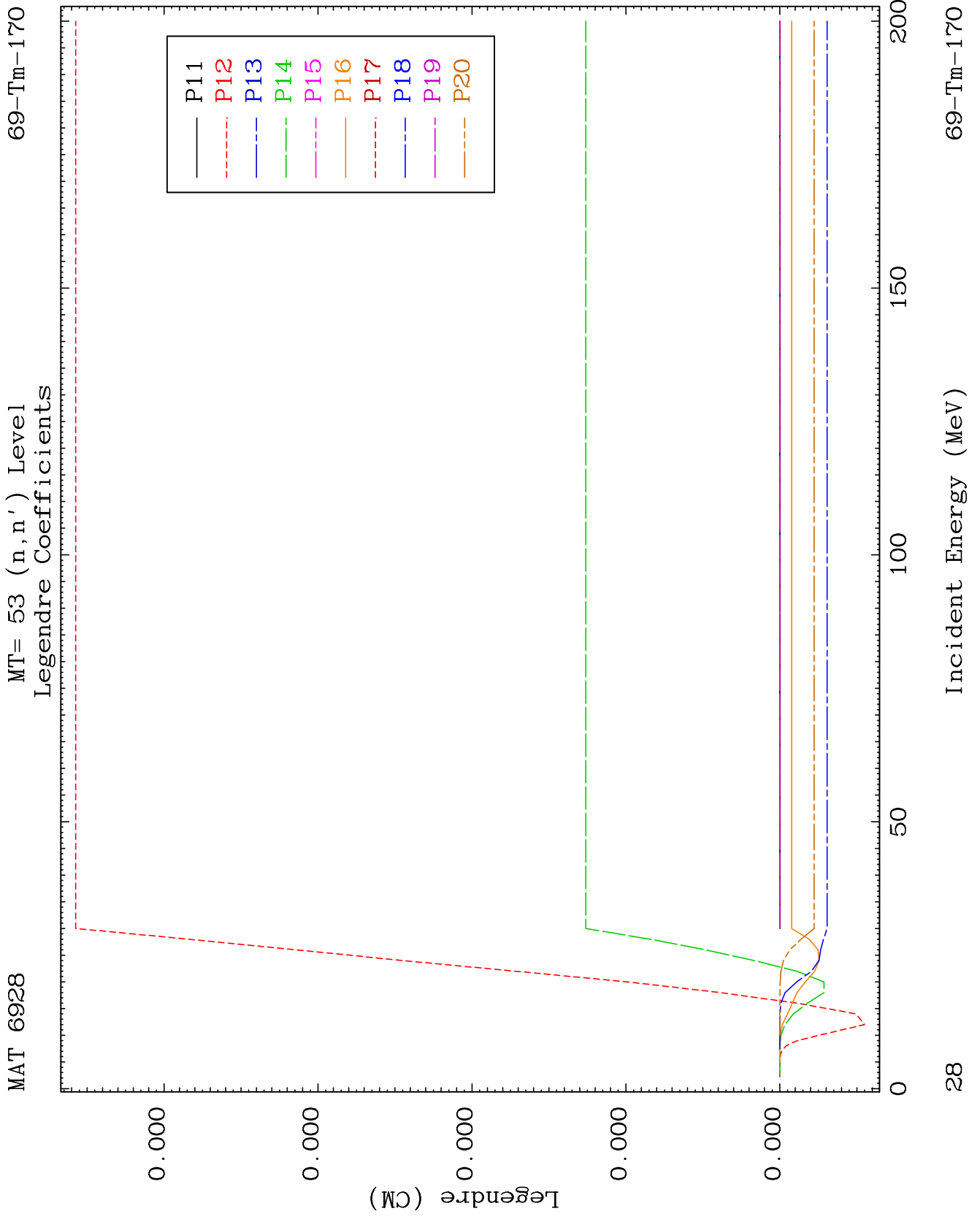
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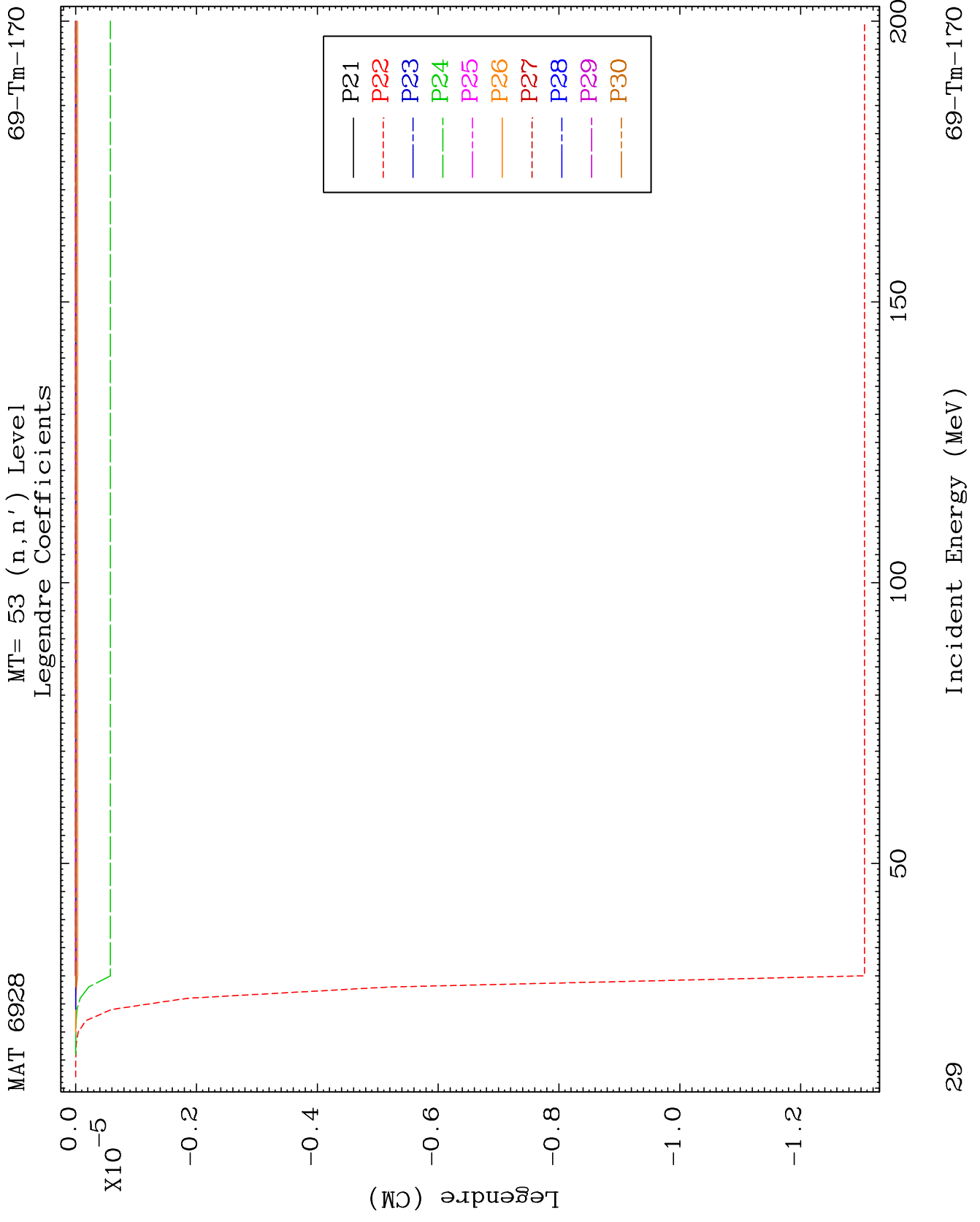
Incident Energy (MeV)

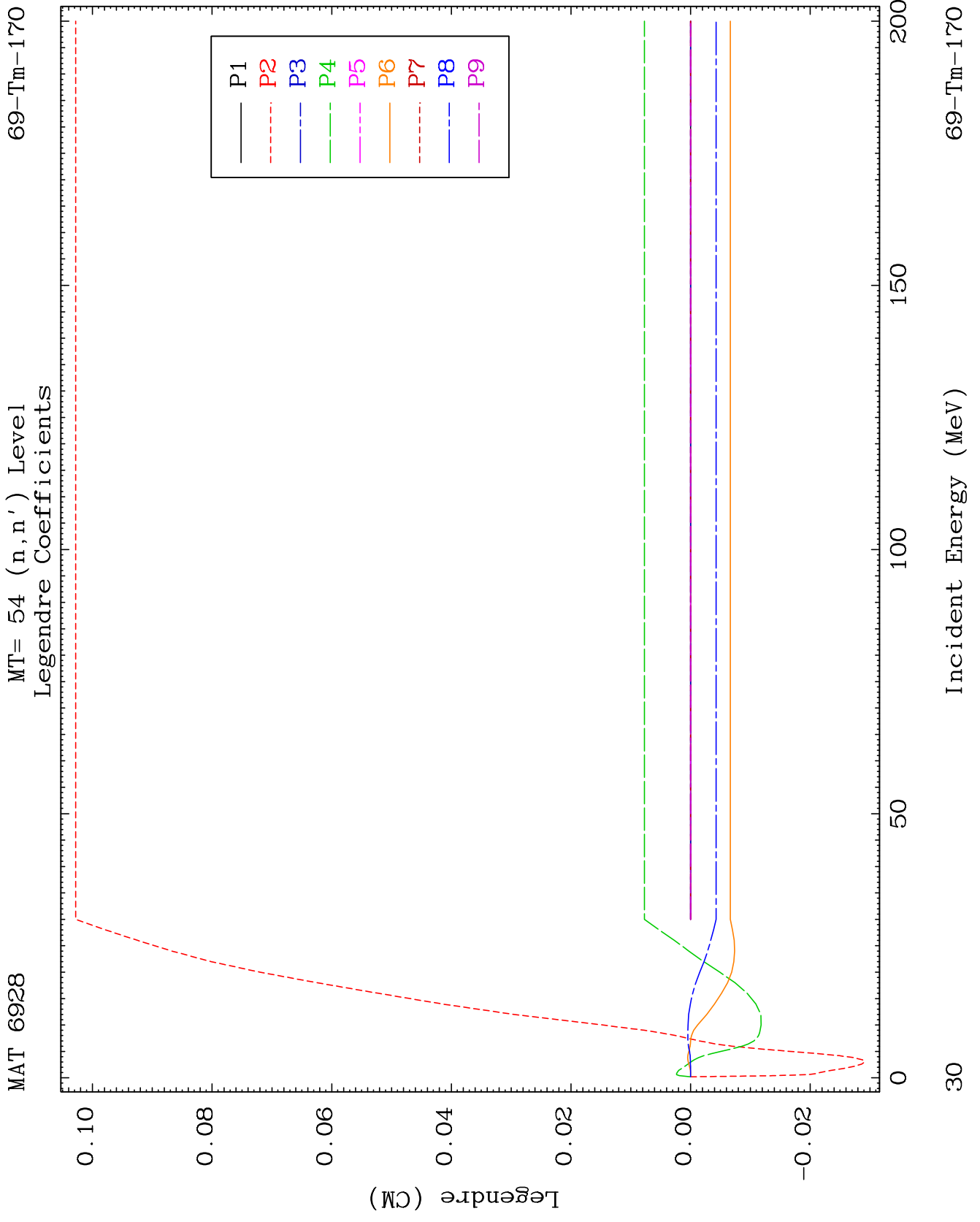
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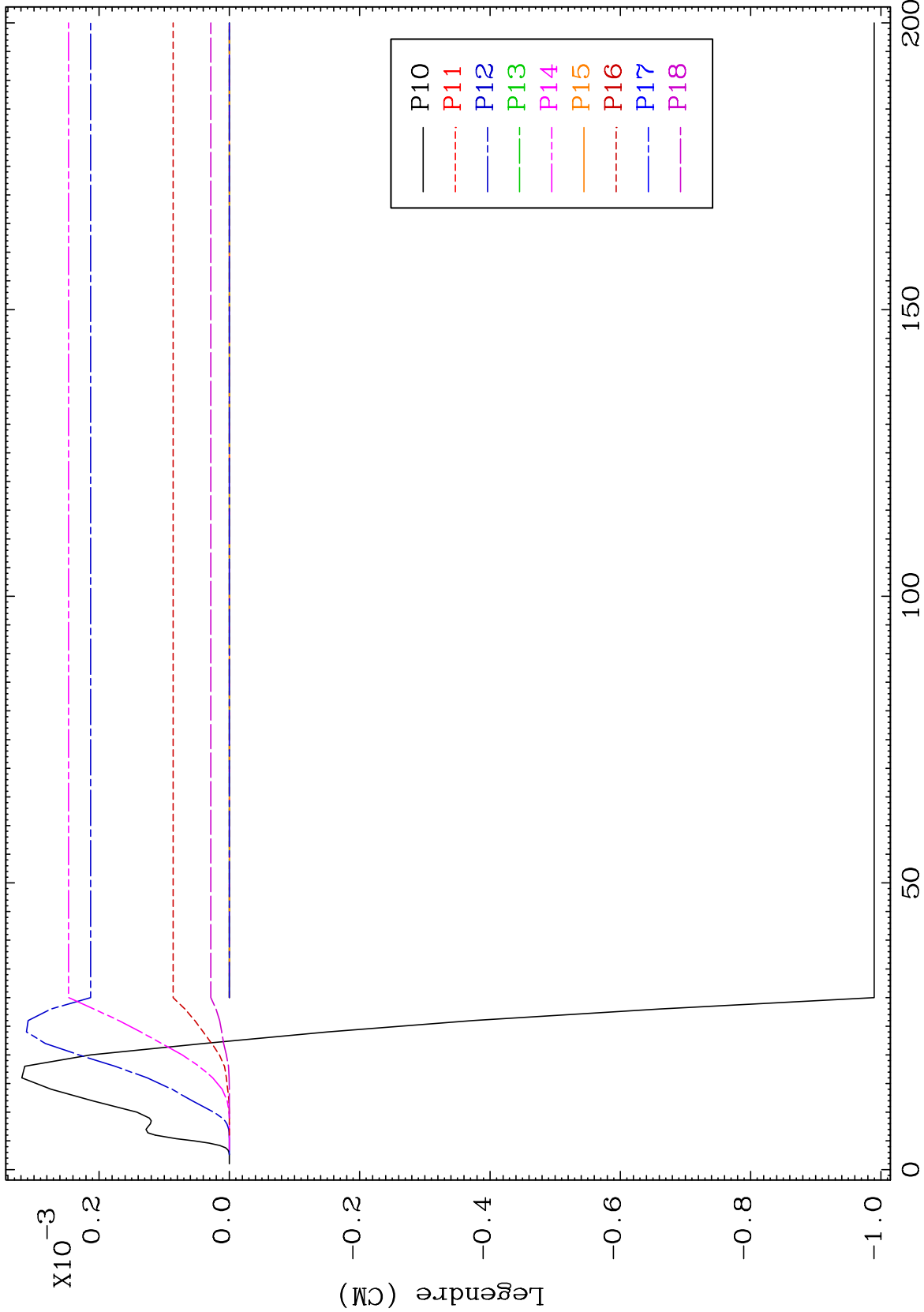




MAT 6928

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

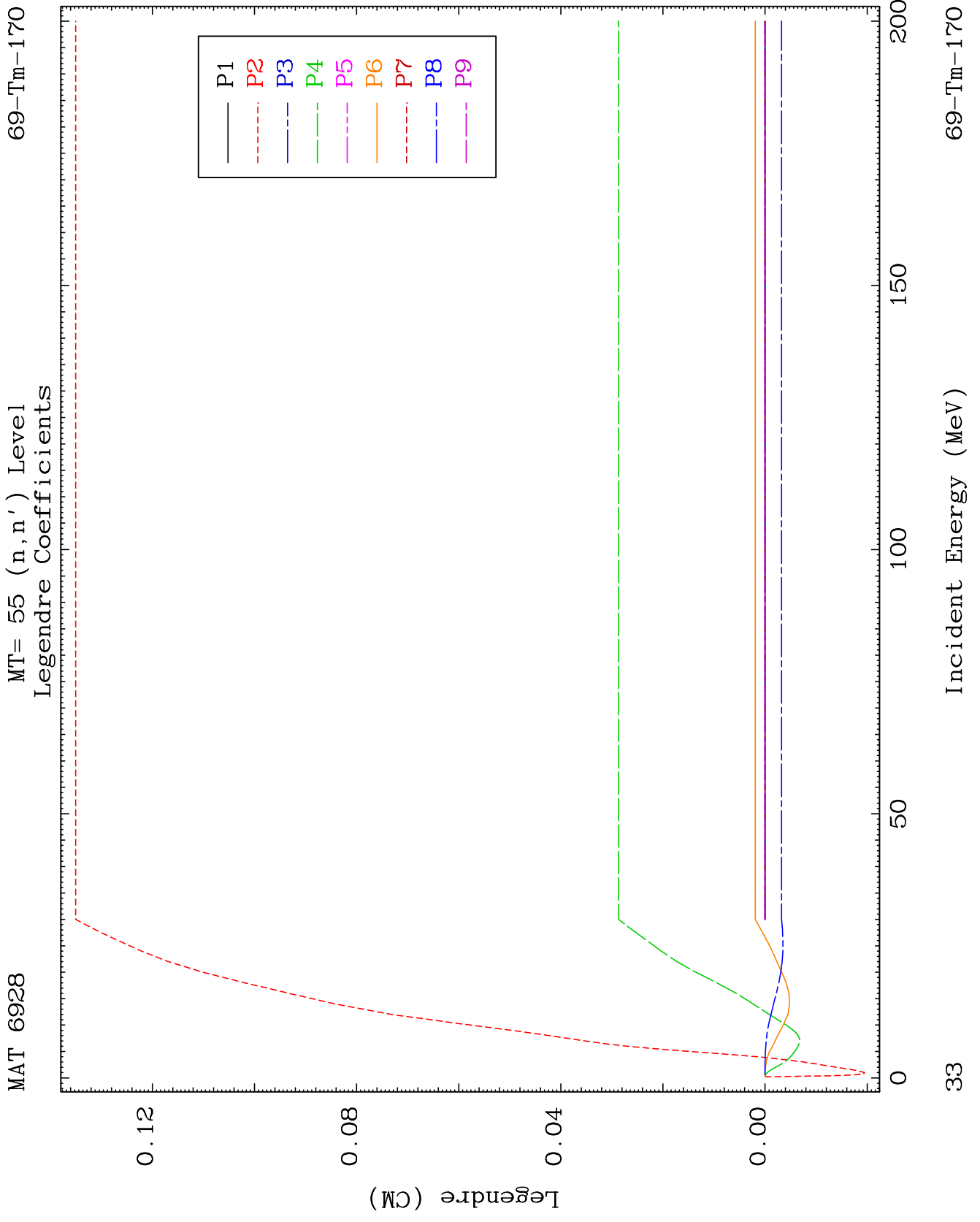
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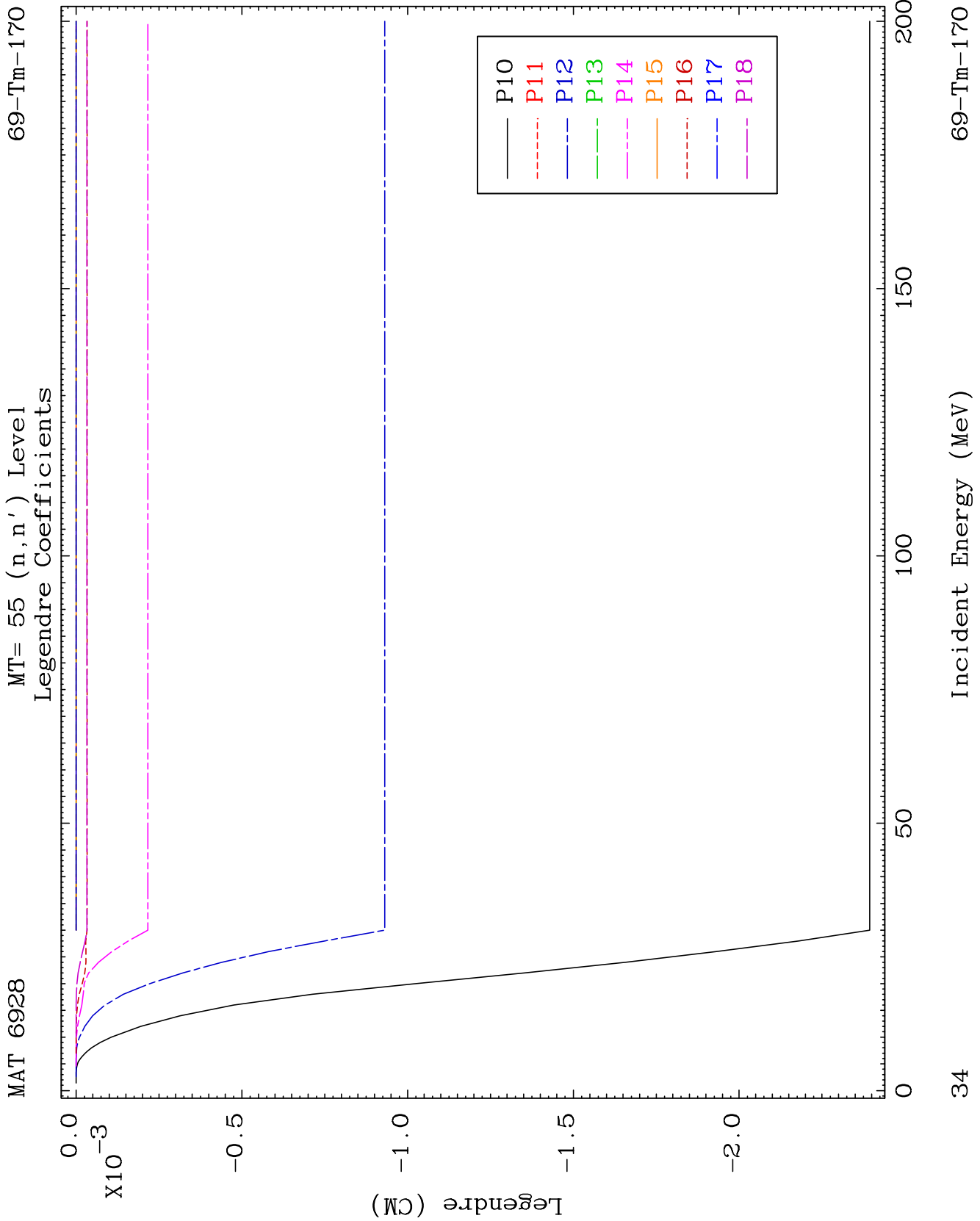


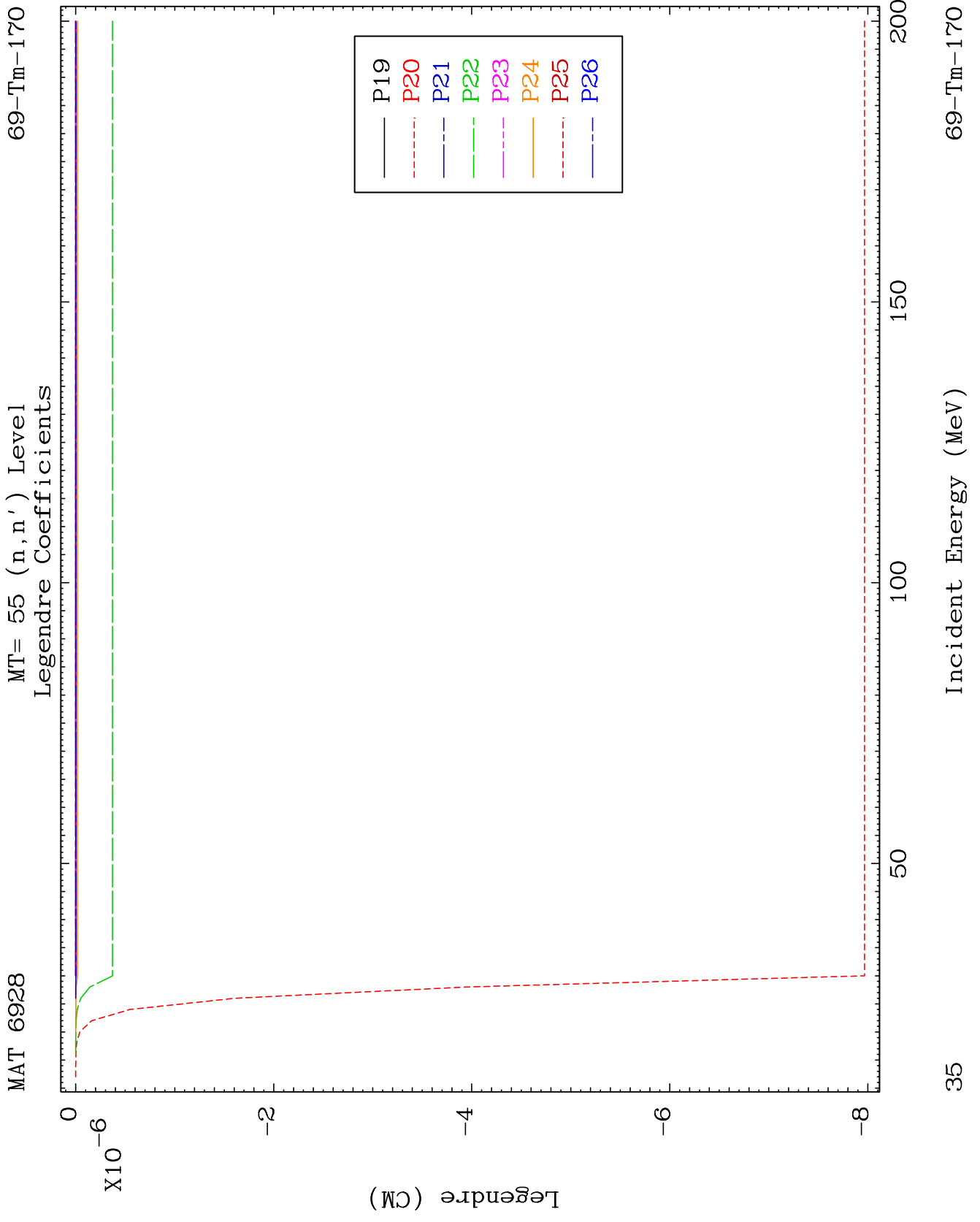
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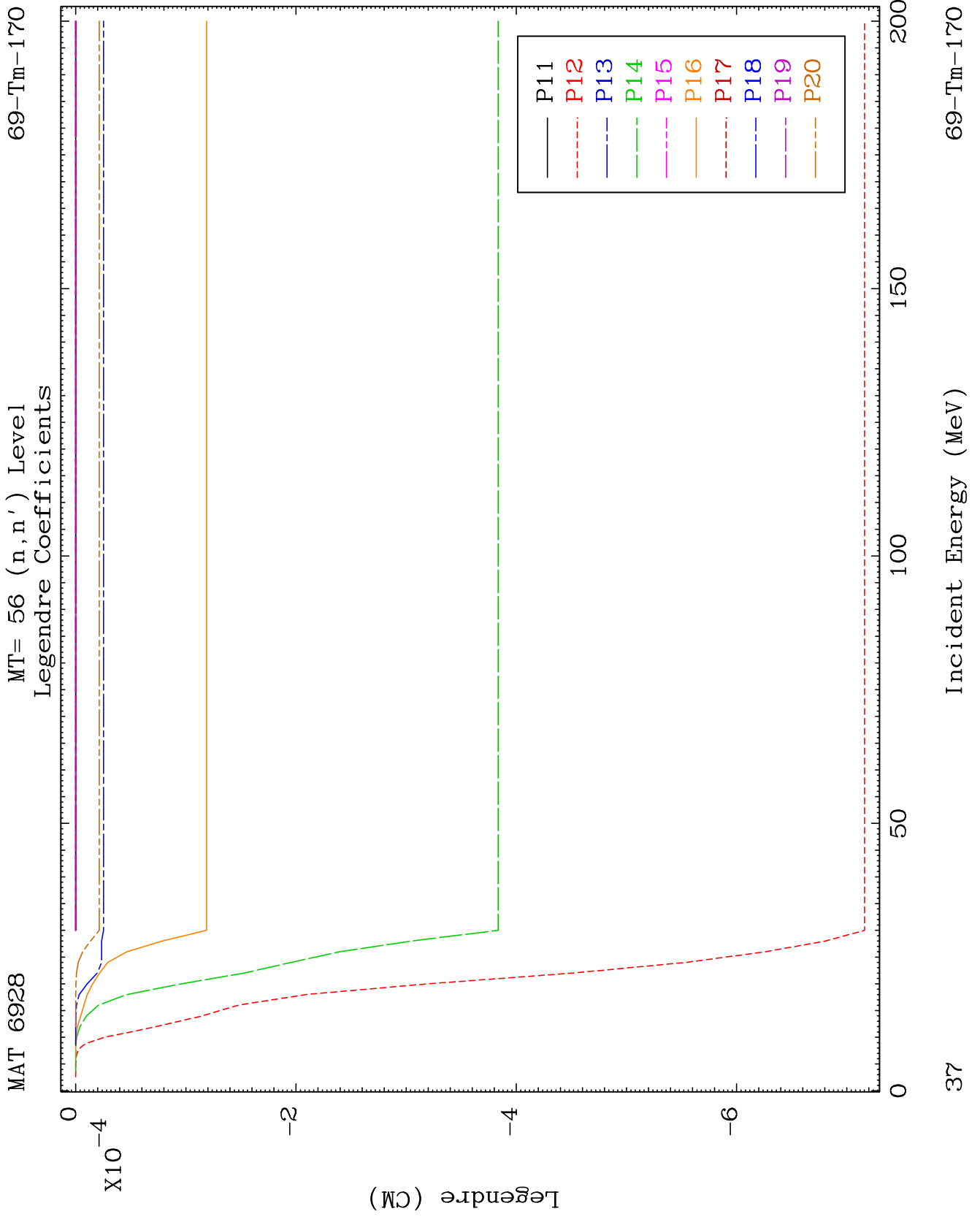
Incident Energy (MeV)

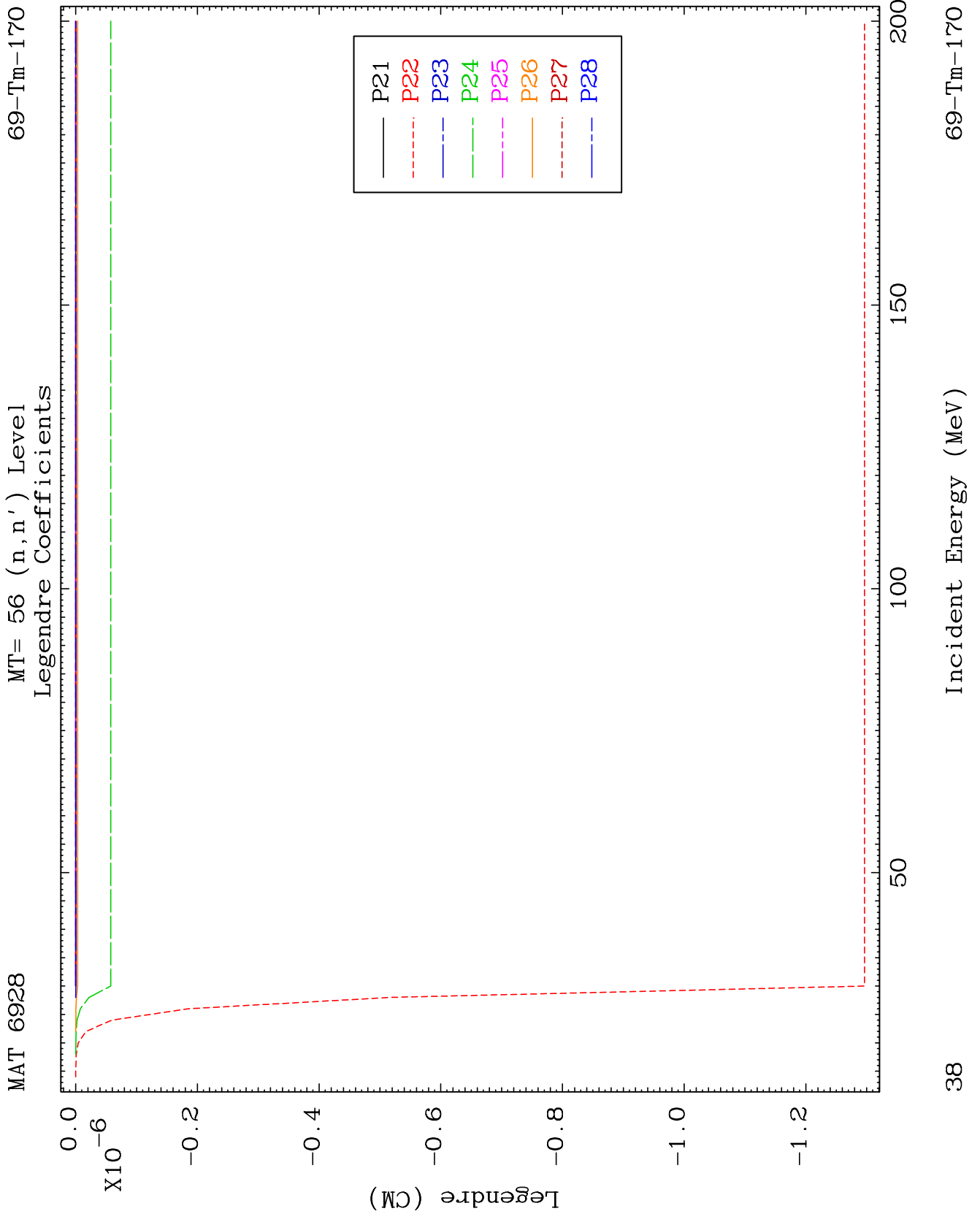
69-Tm-170

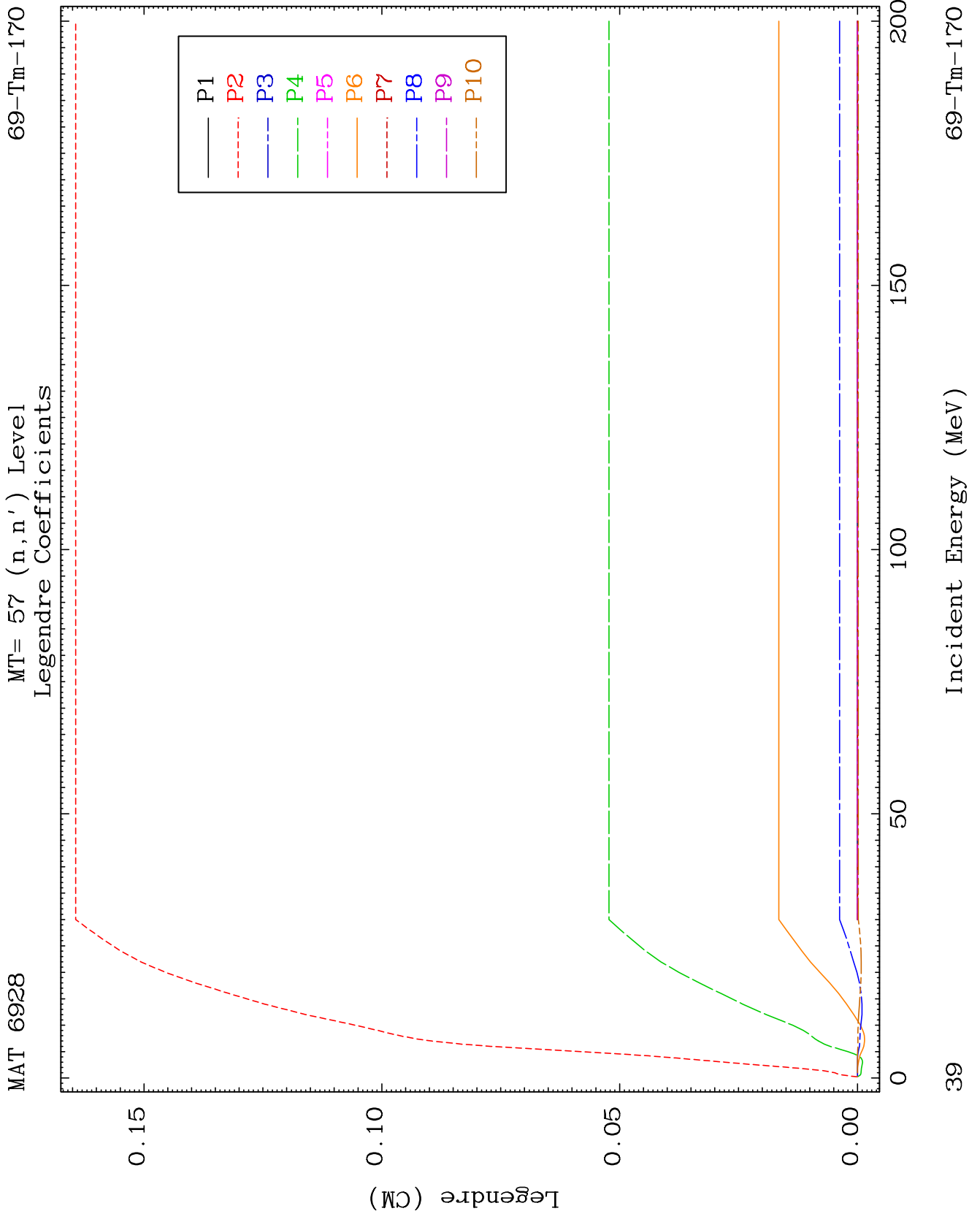


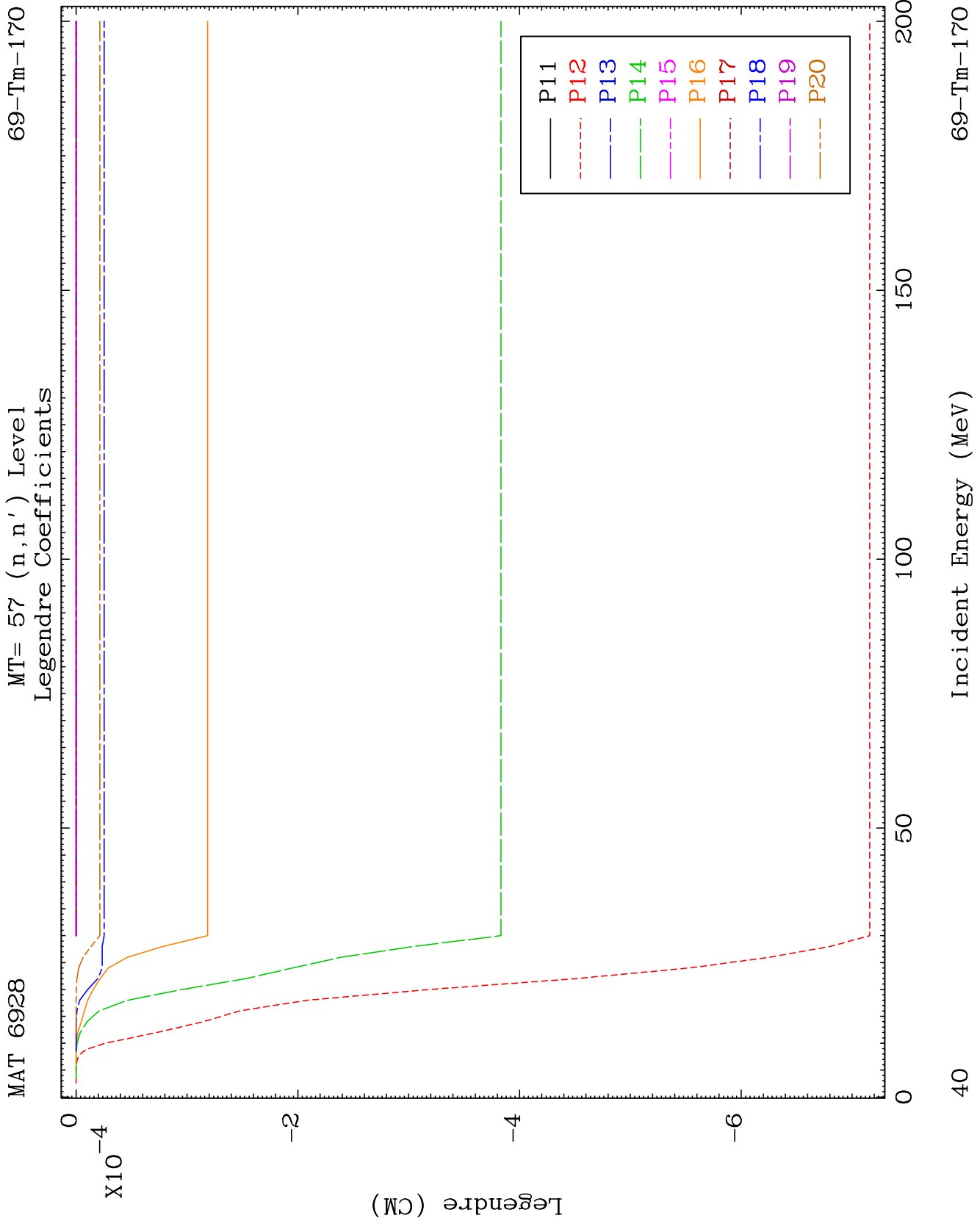


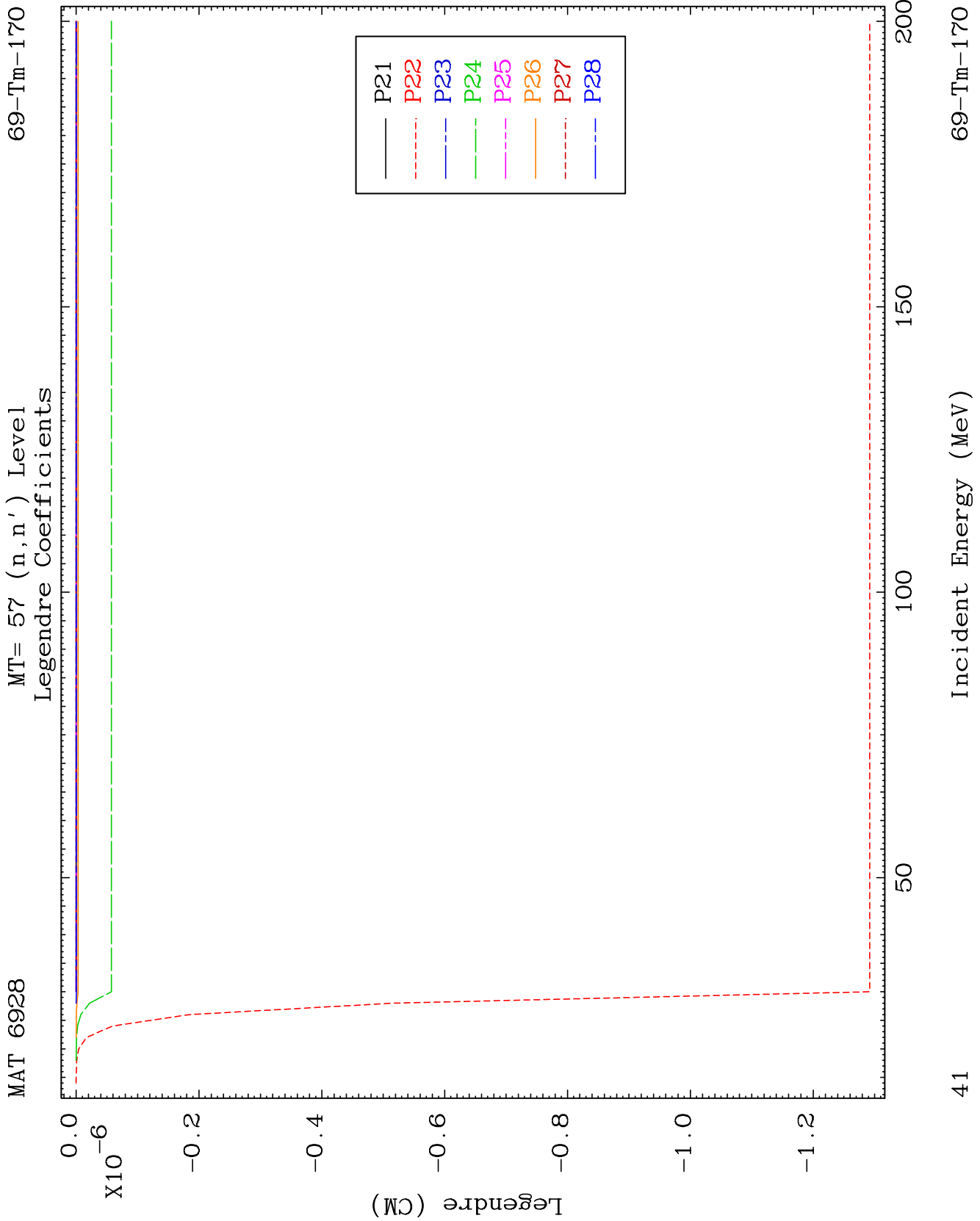








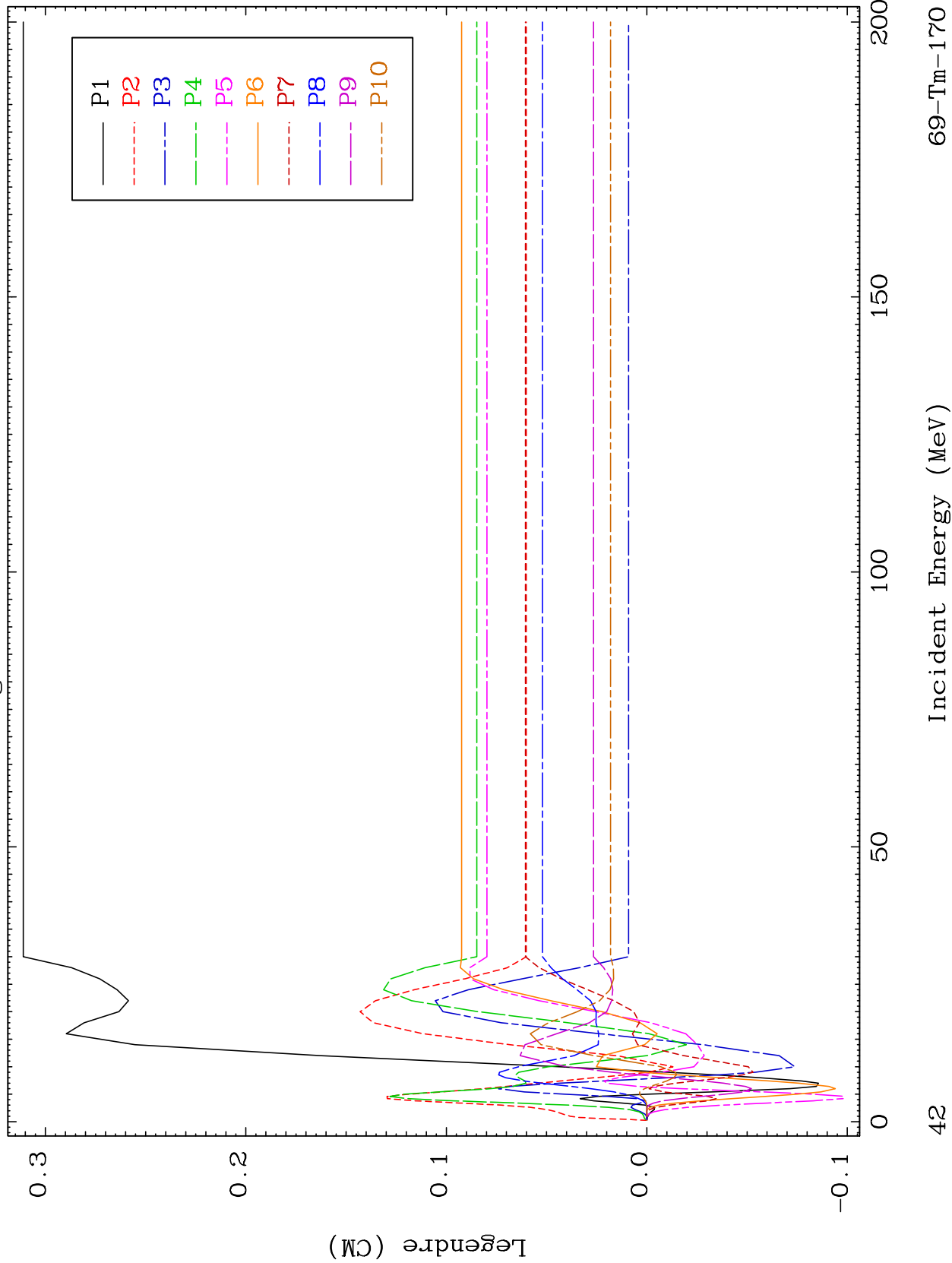




MAT 6928

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

69-Tm-170



69-Tm-170

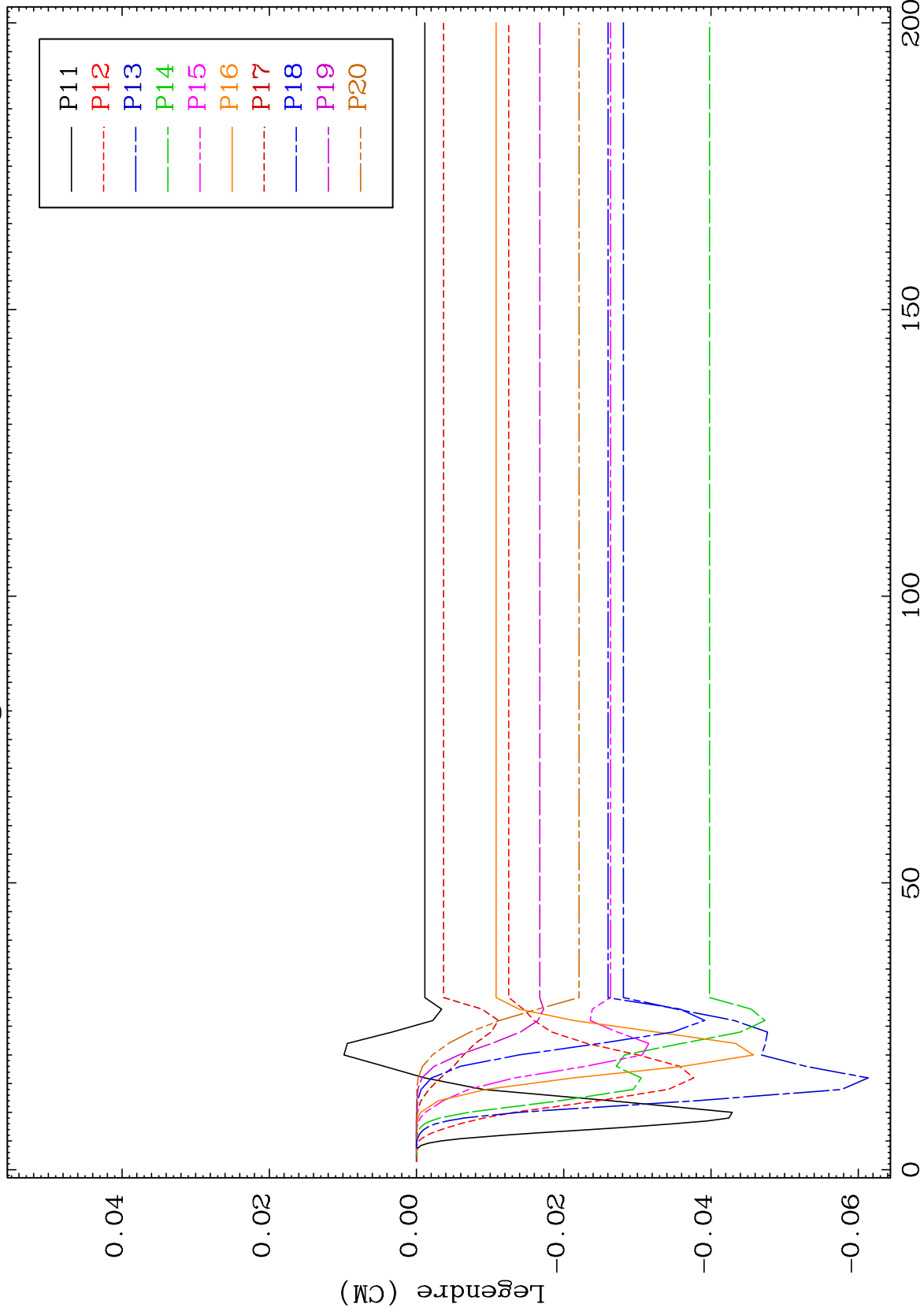
Incident Energy (MeV)

42

MAT 6928

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

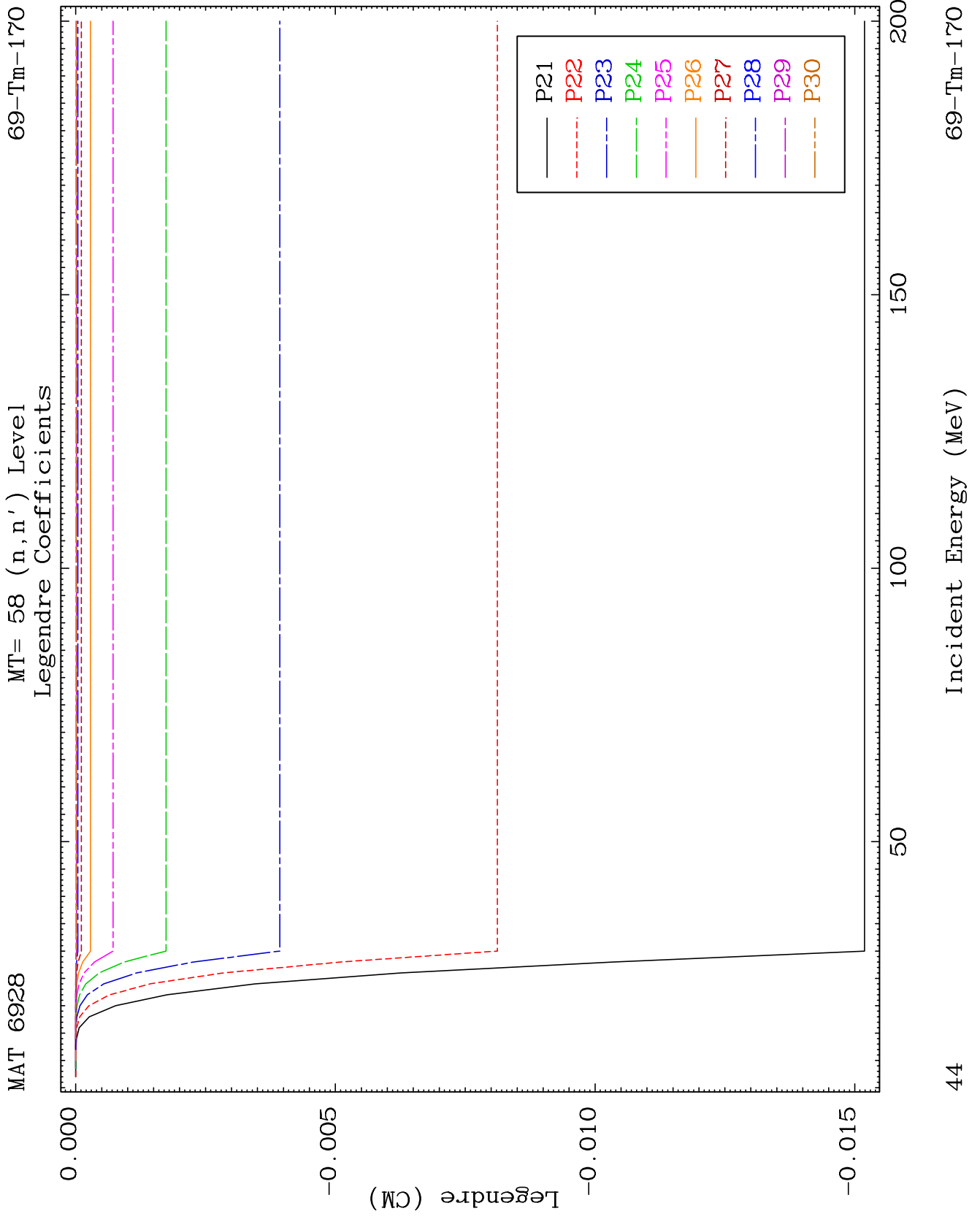
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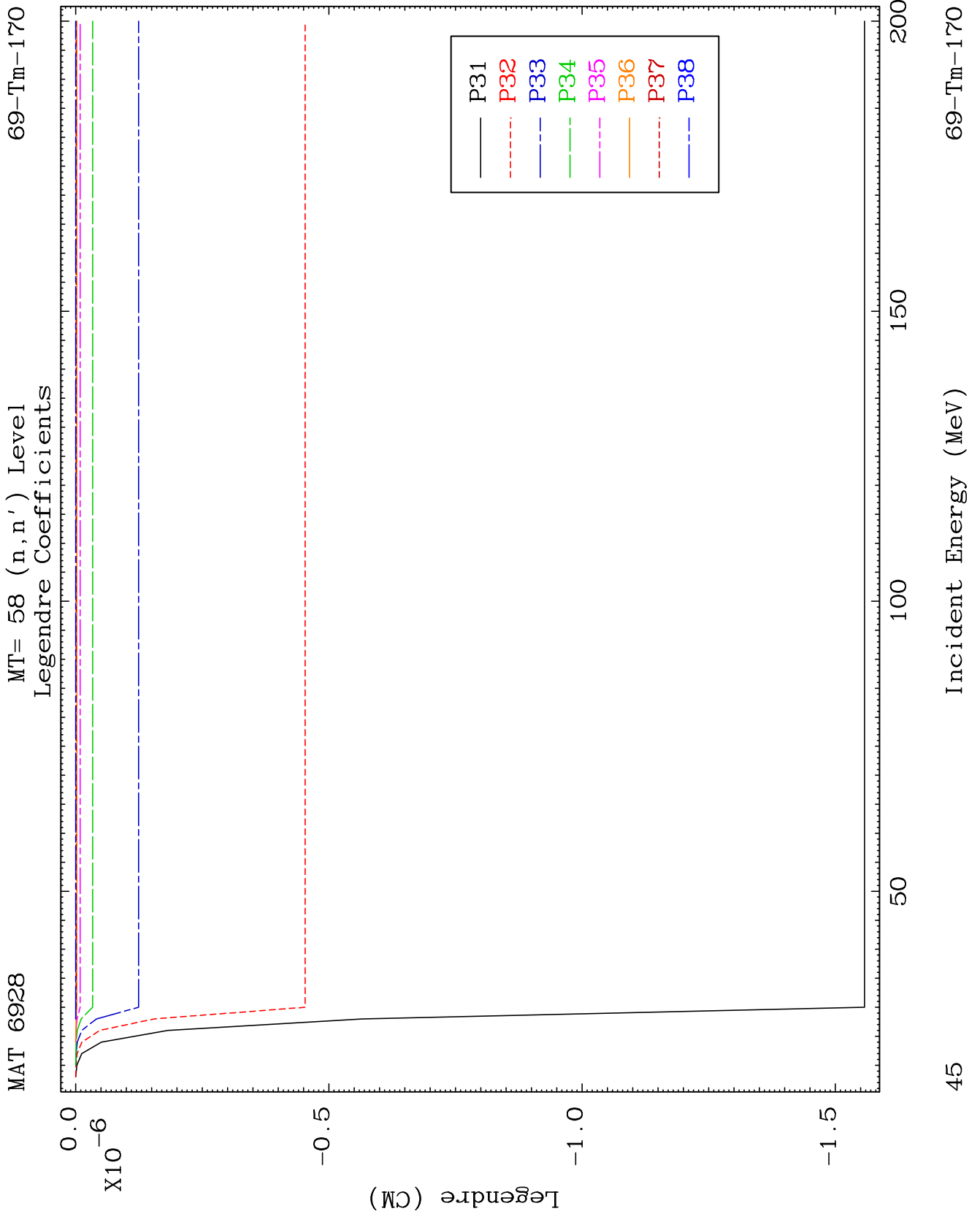


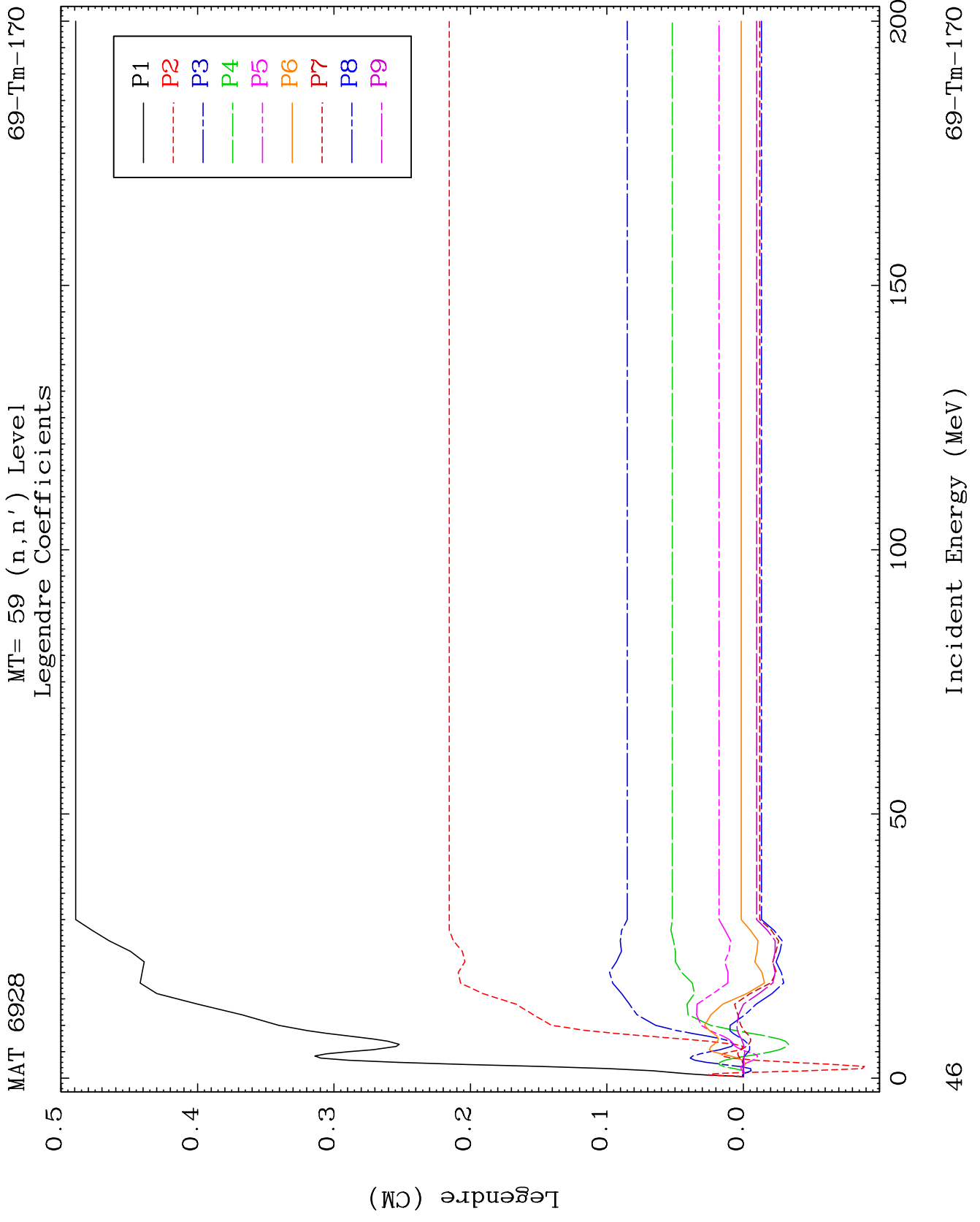
43

Incident Energy (MeV)

69-Tm-170



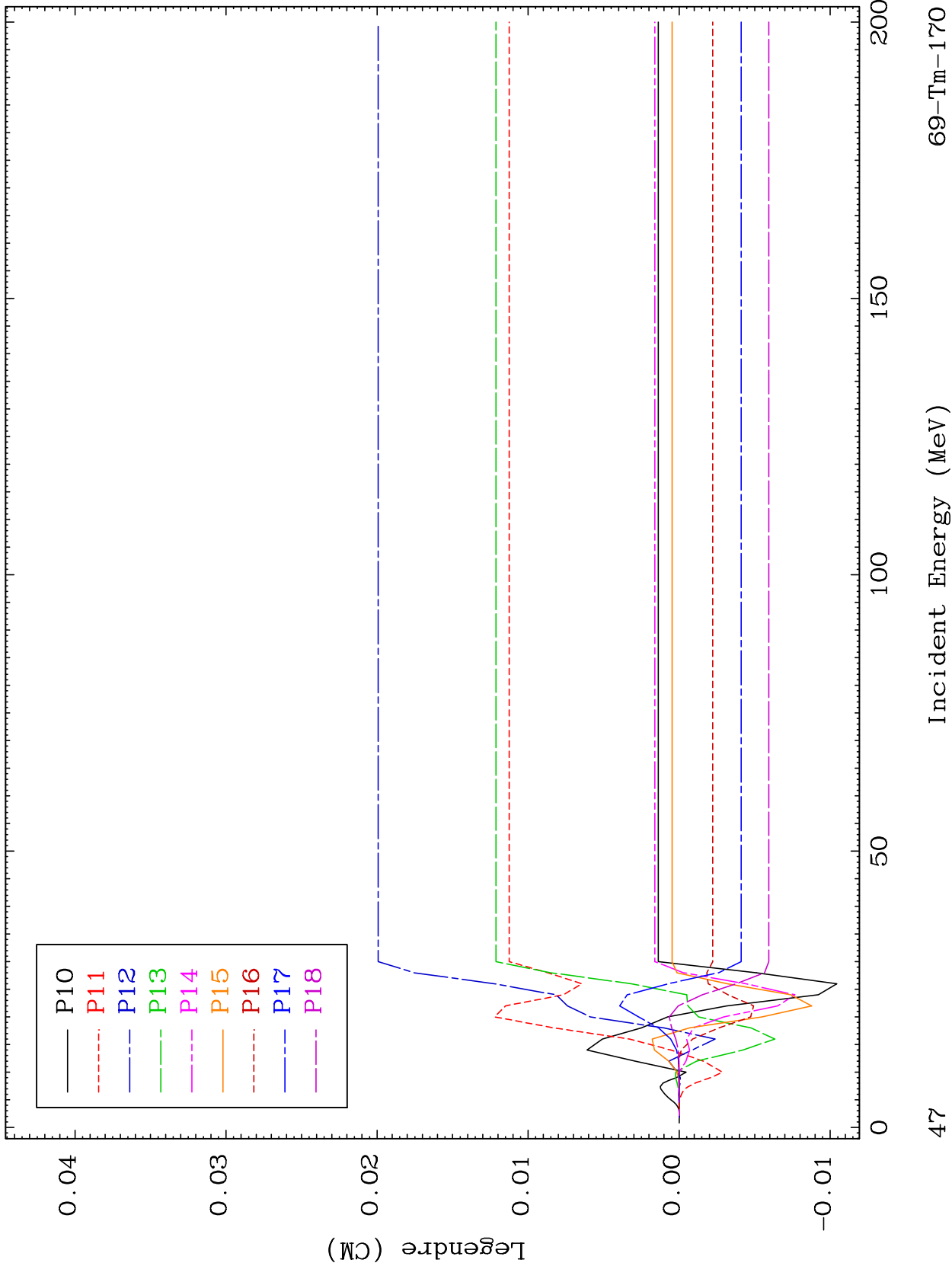


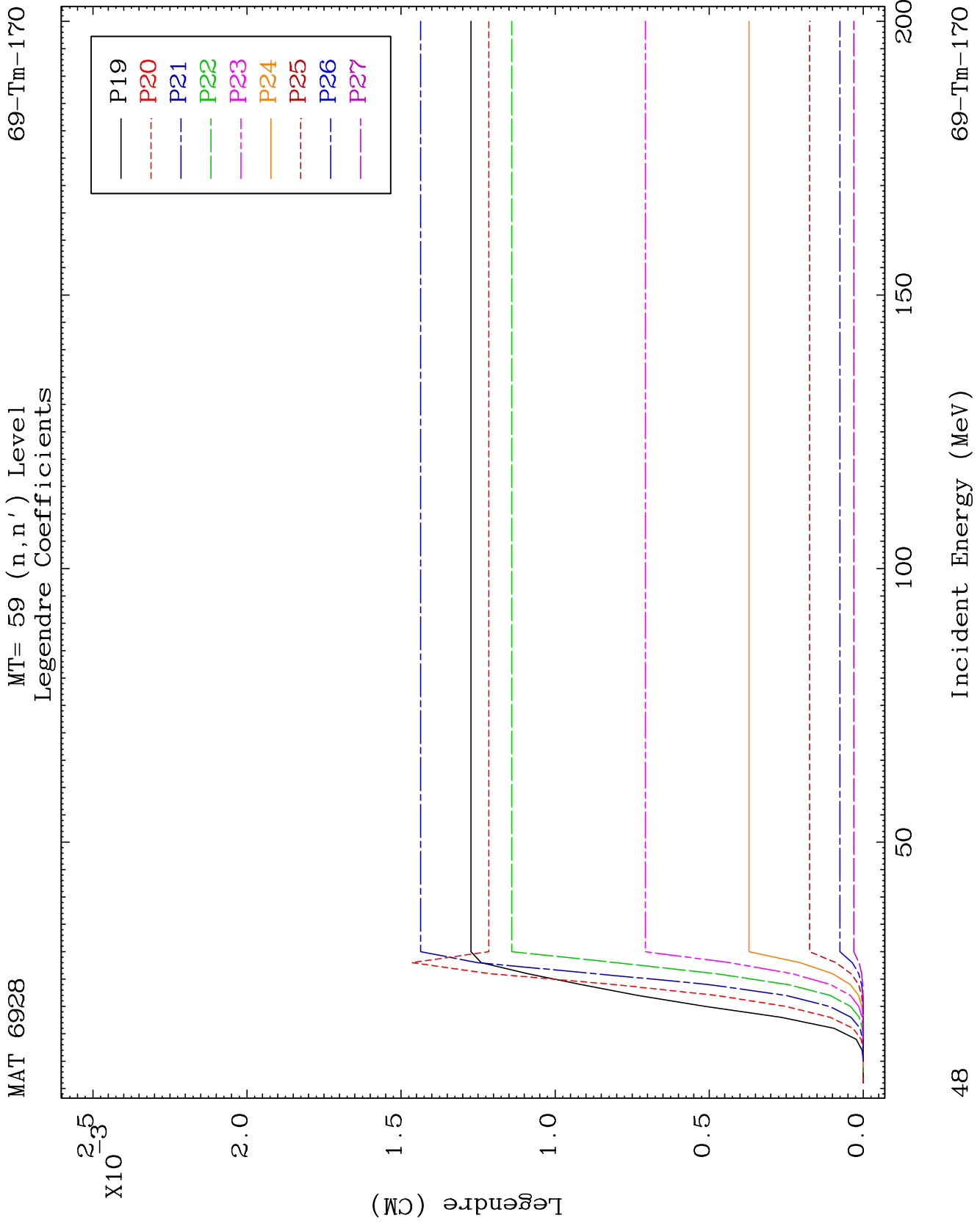


MAT 6928

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

69-Tm-170

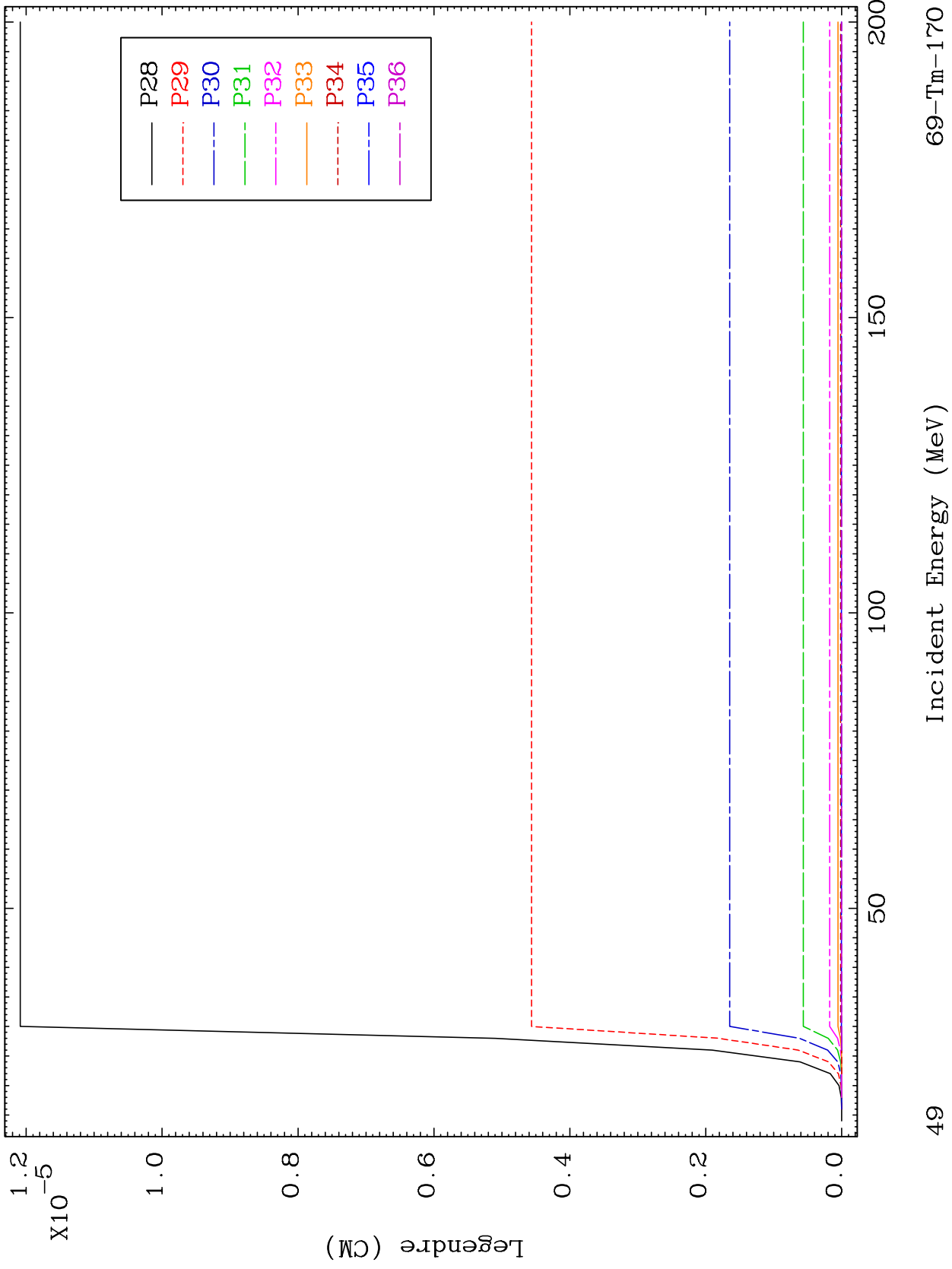




MAT 6928

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

69-Tm-170



49

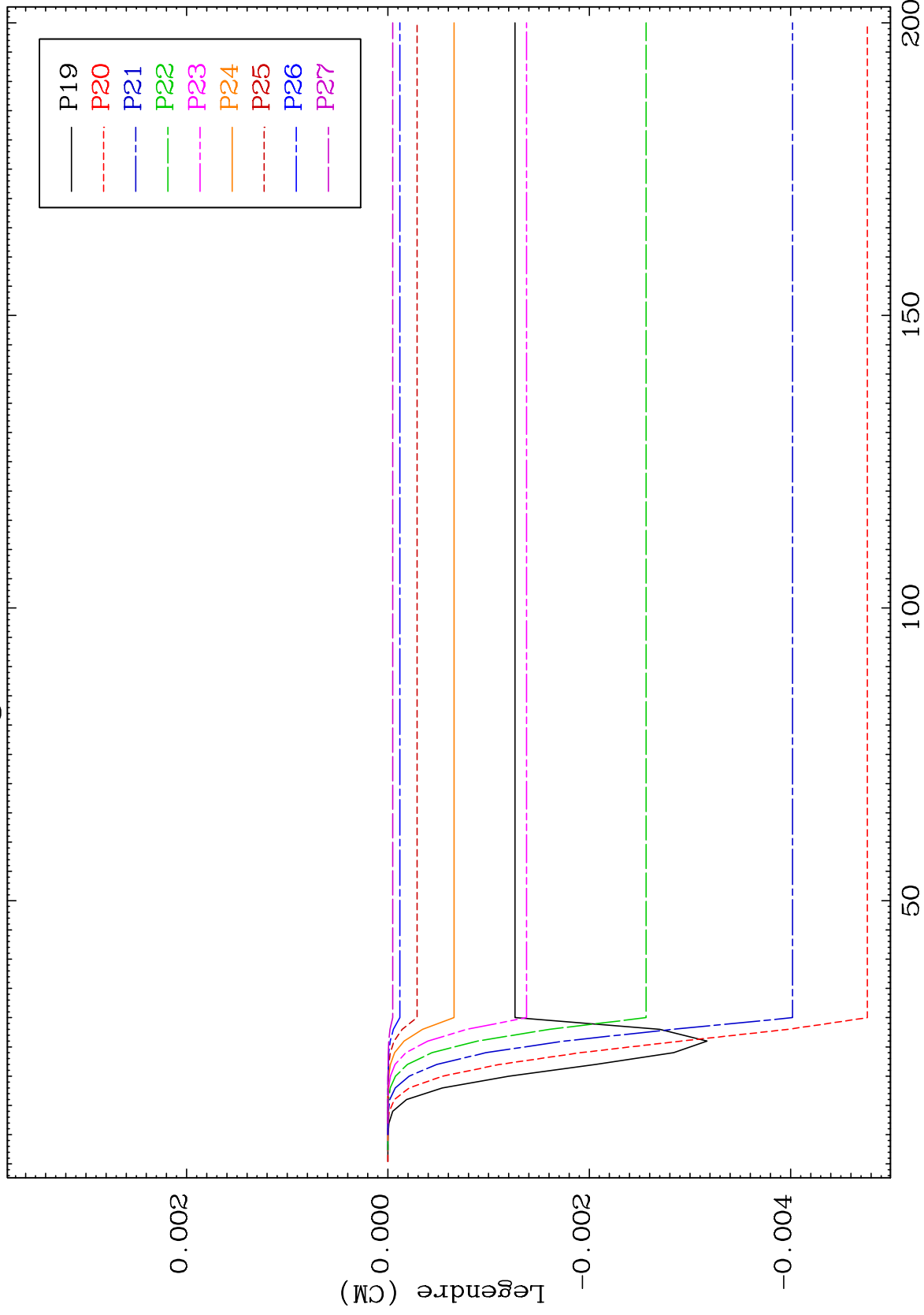
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

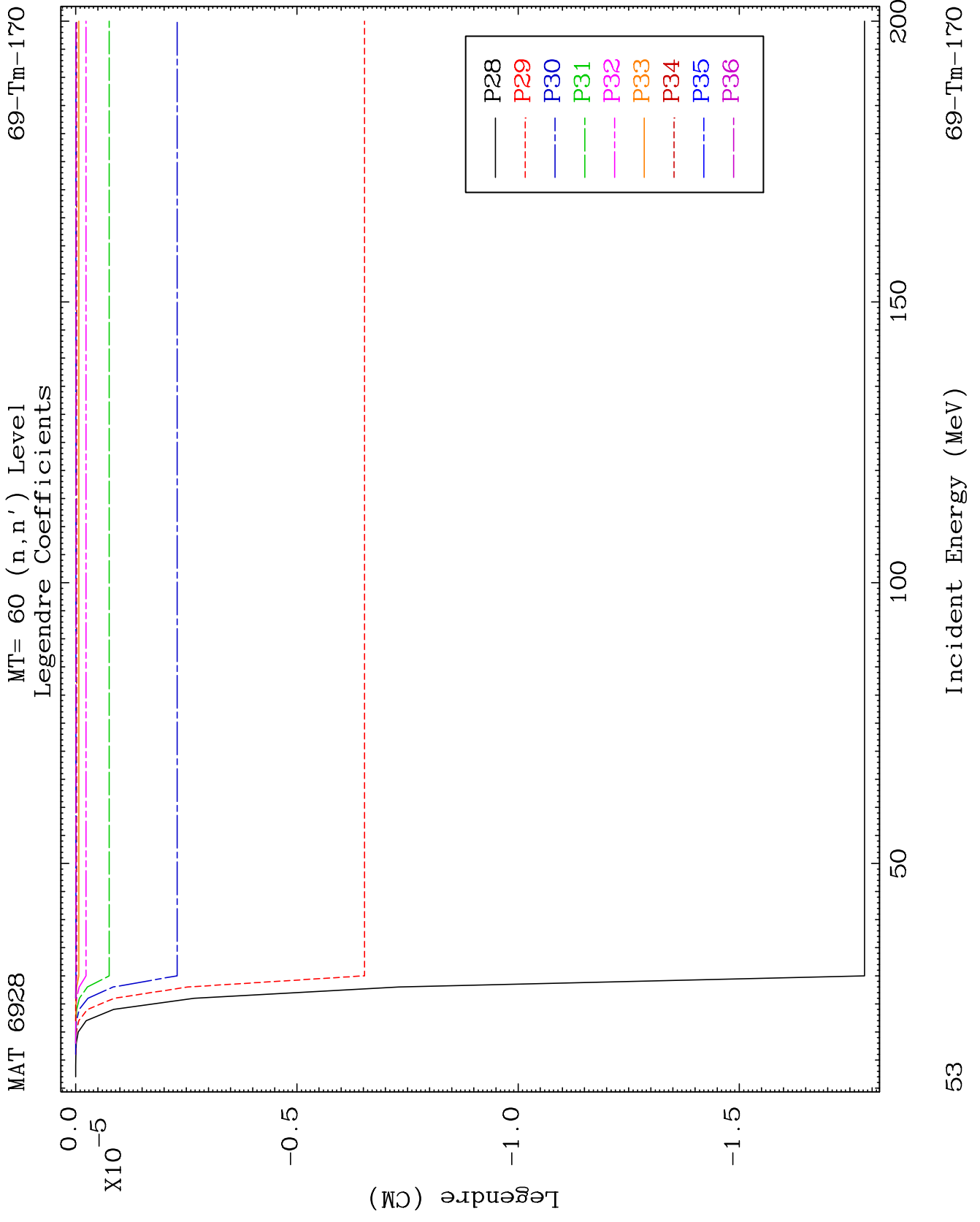
69-Tm-170



52

Incident Energy (MeV)

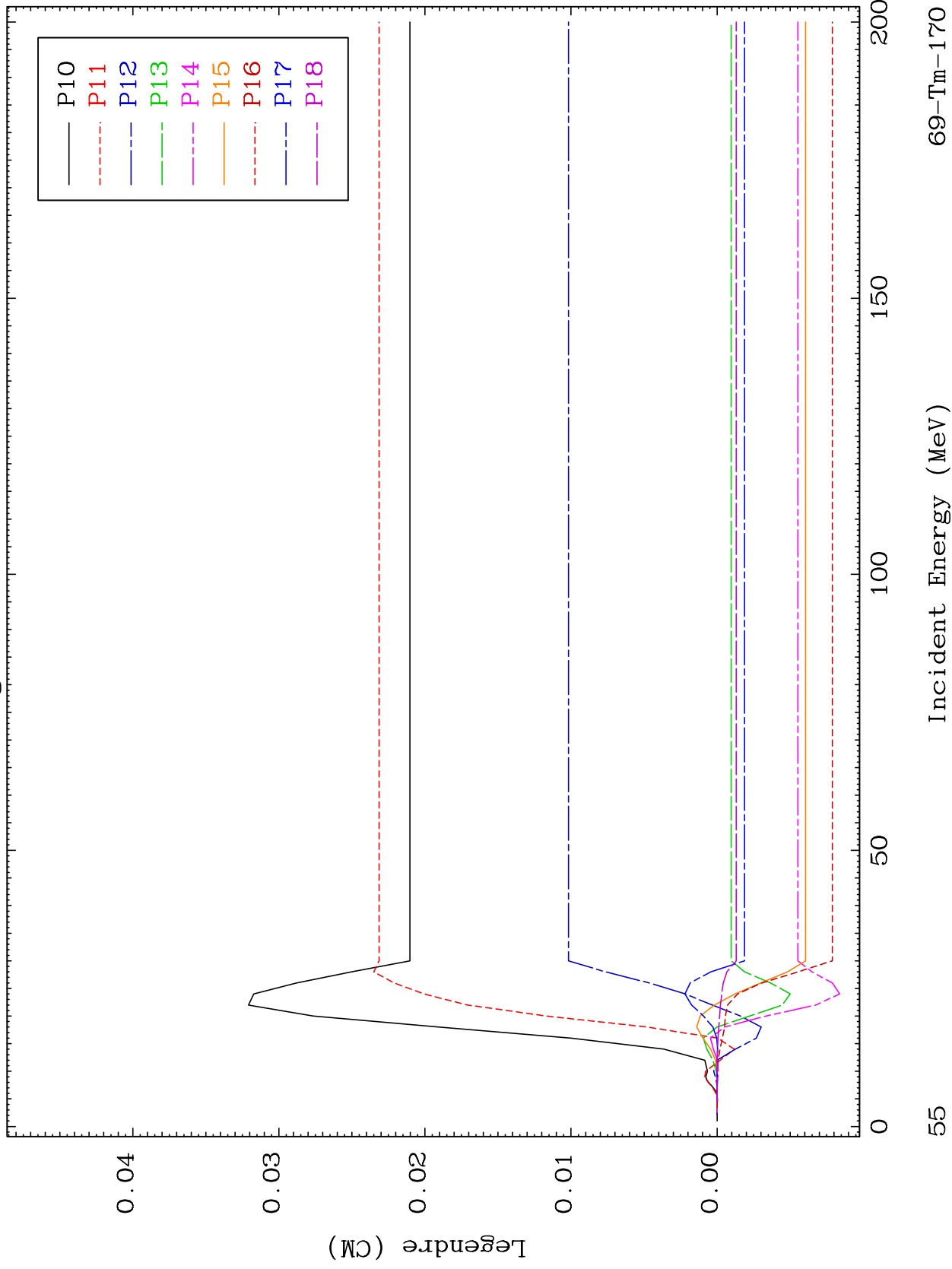
69-Tm-170



MAT 6928

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

69-Tm-170



55

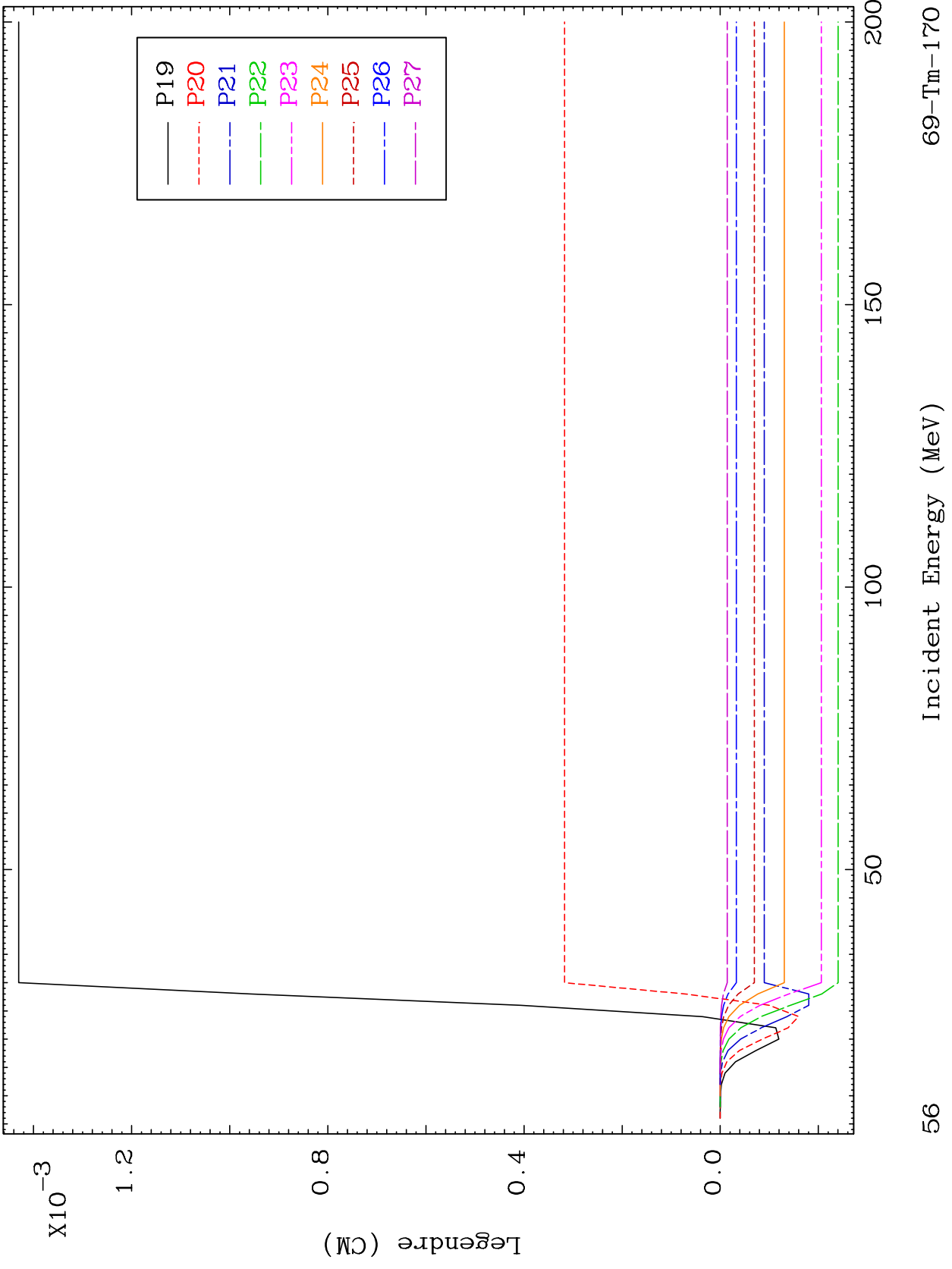
Incident Energy (MeV)

69-Tm-170

MAT 6928

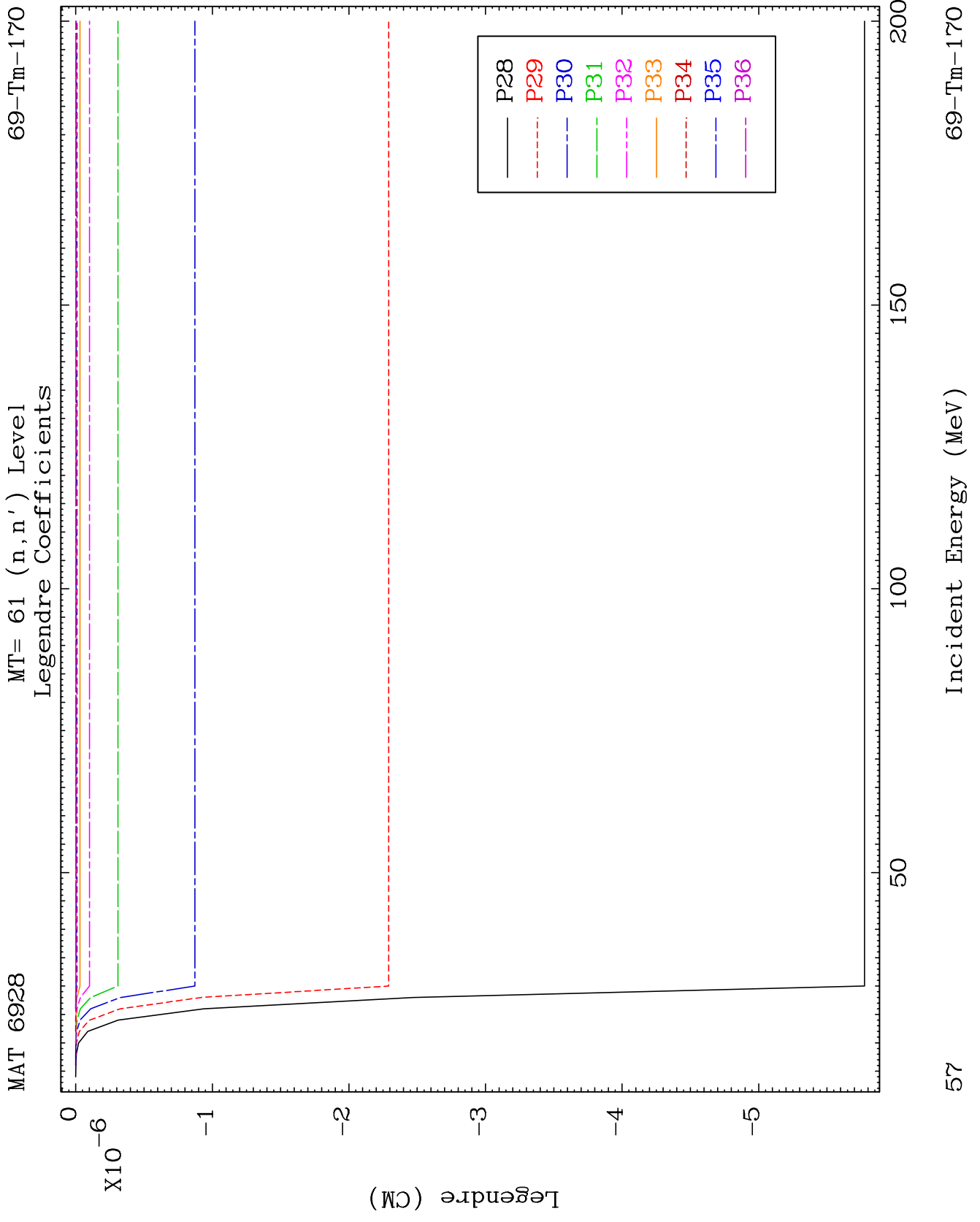
MT= 61 (n,n') Level
Legendre Coefficients

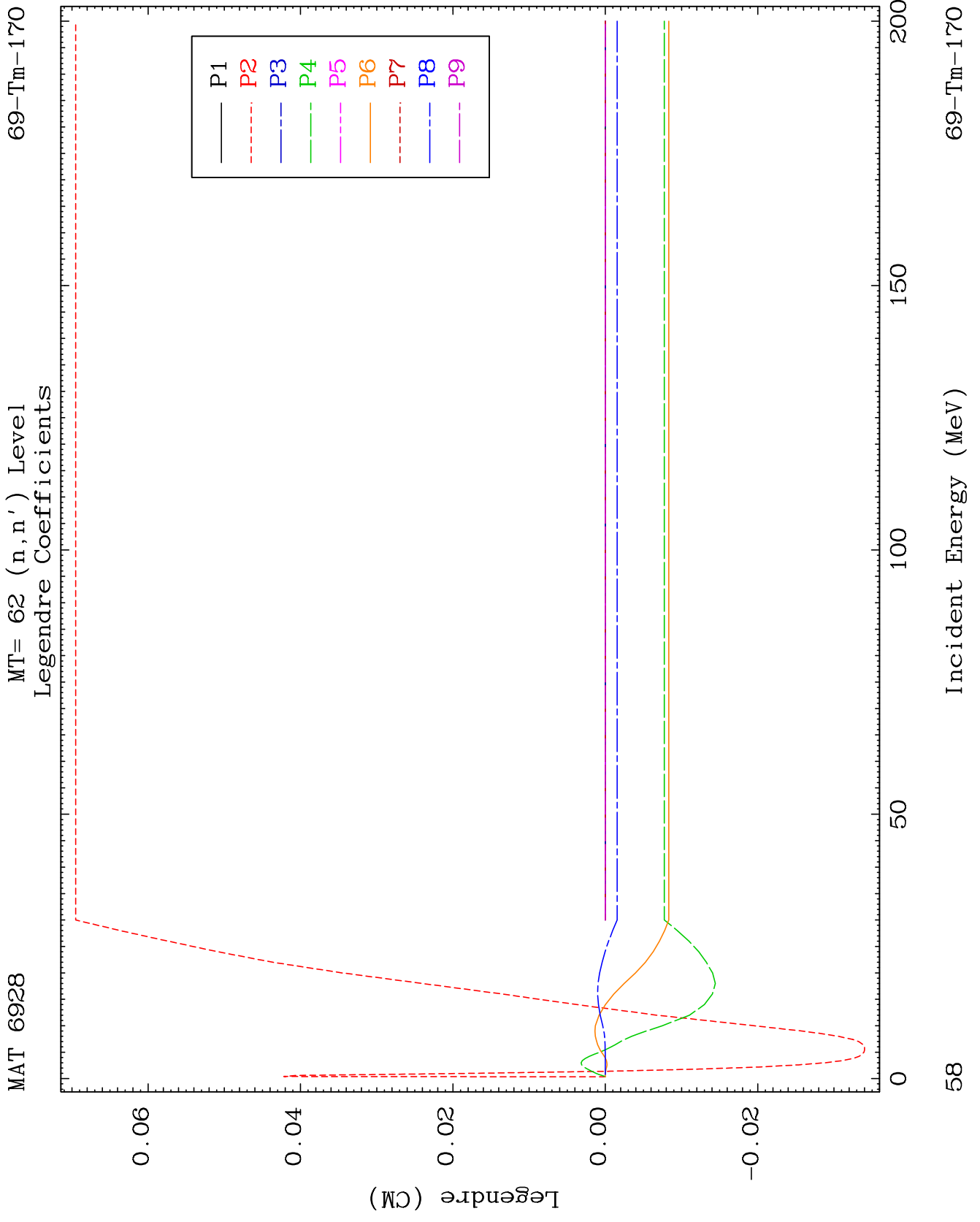
69-Tm-170



56

69-Tm-170

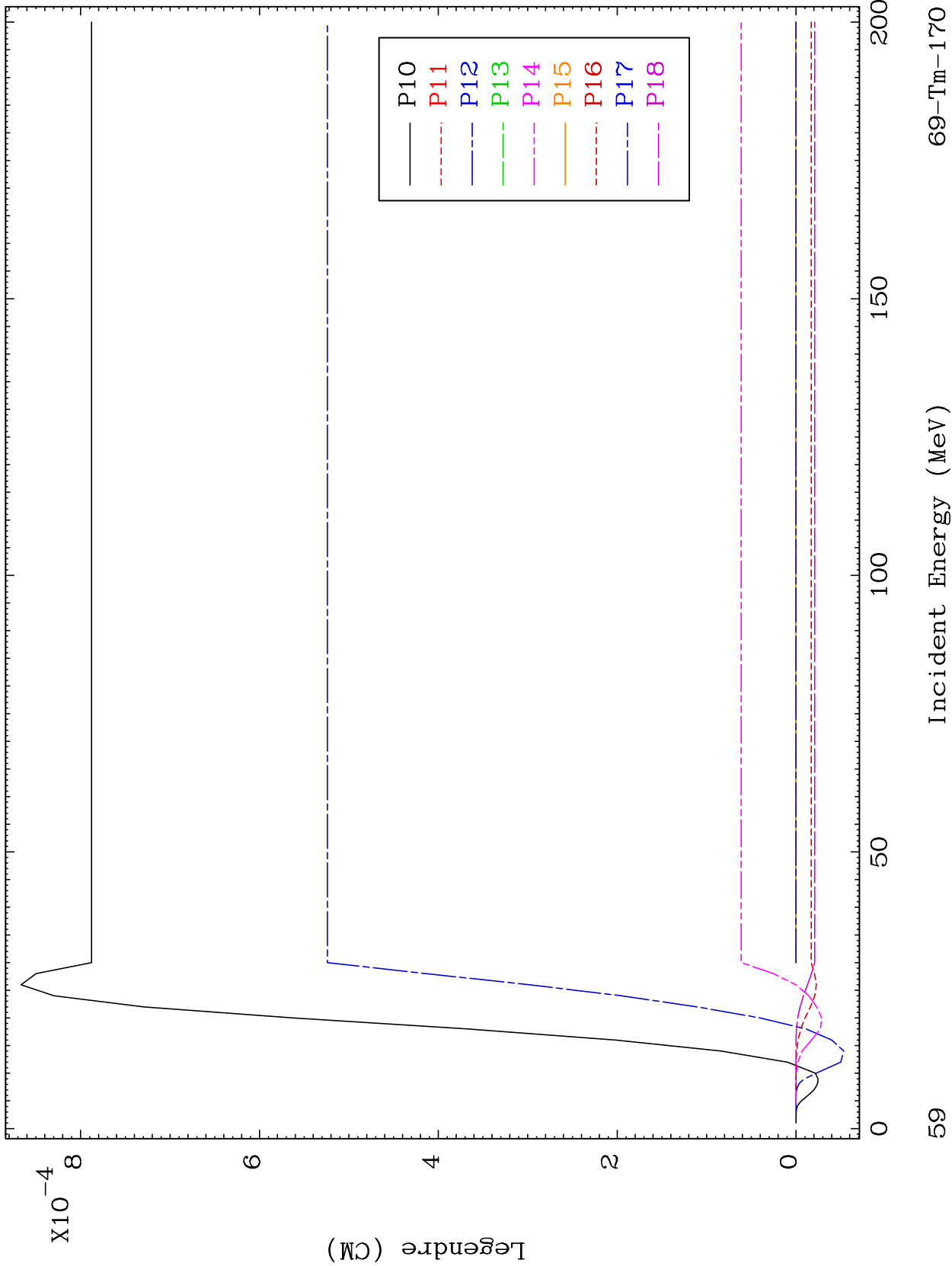




MAT 6928

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

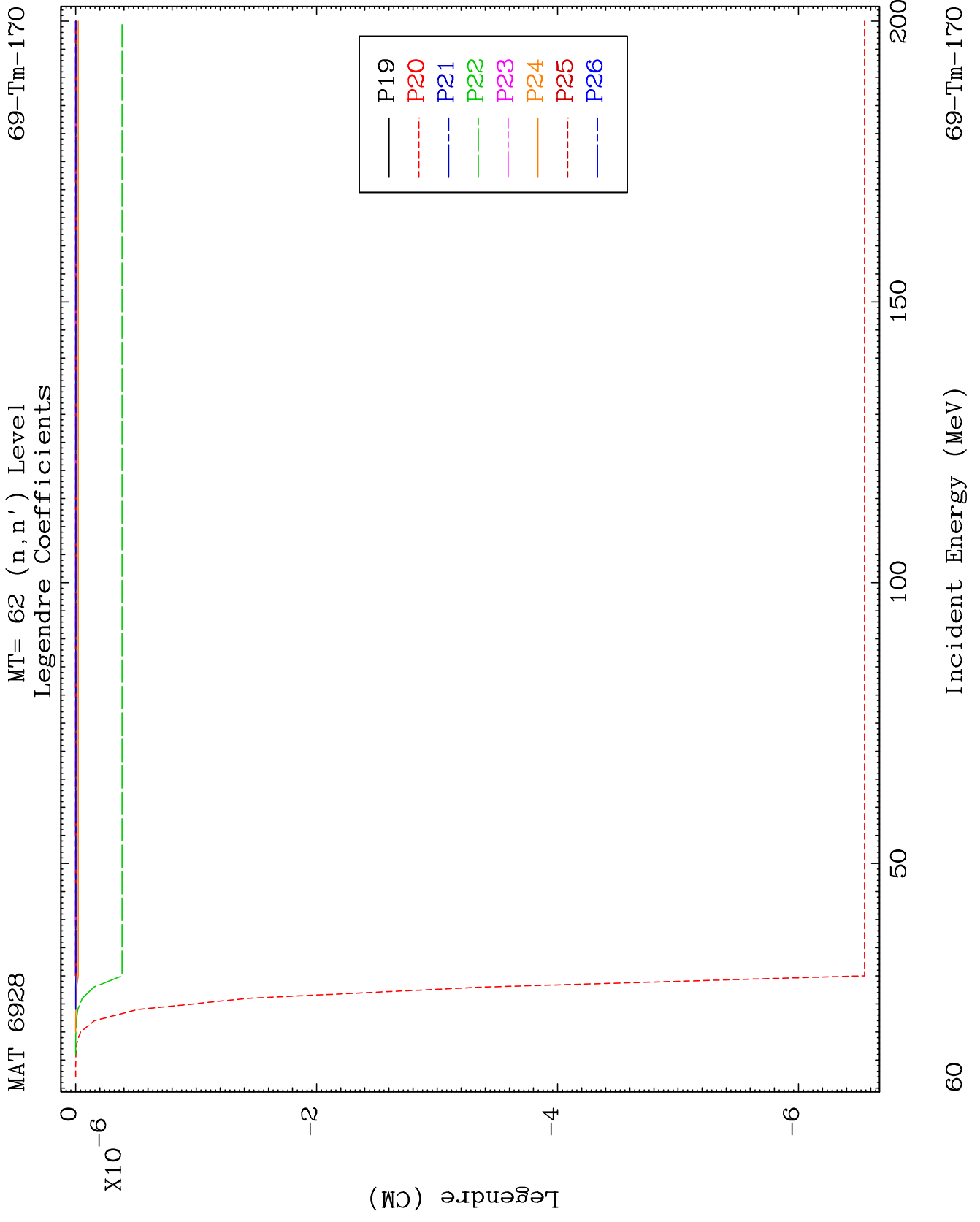
69-Tm-170



59

Incident Energy (MeV)

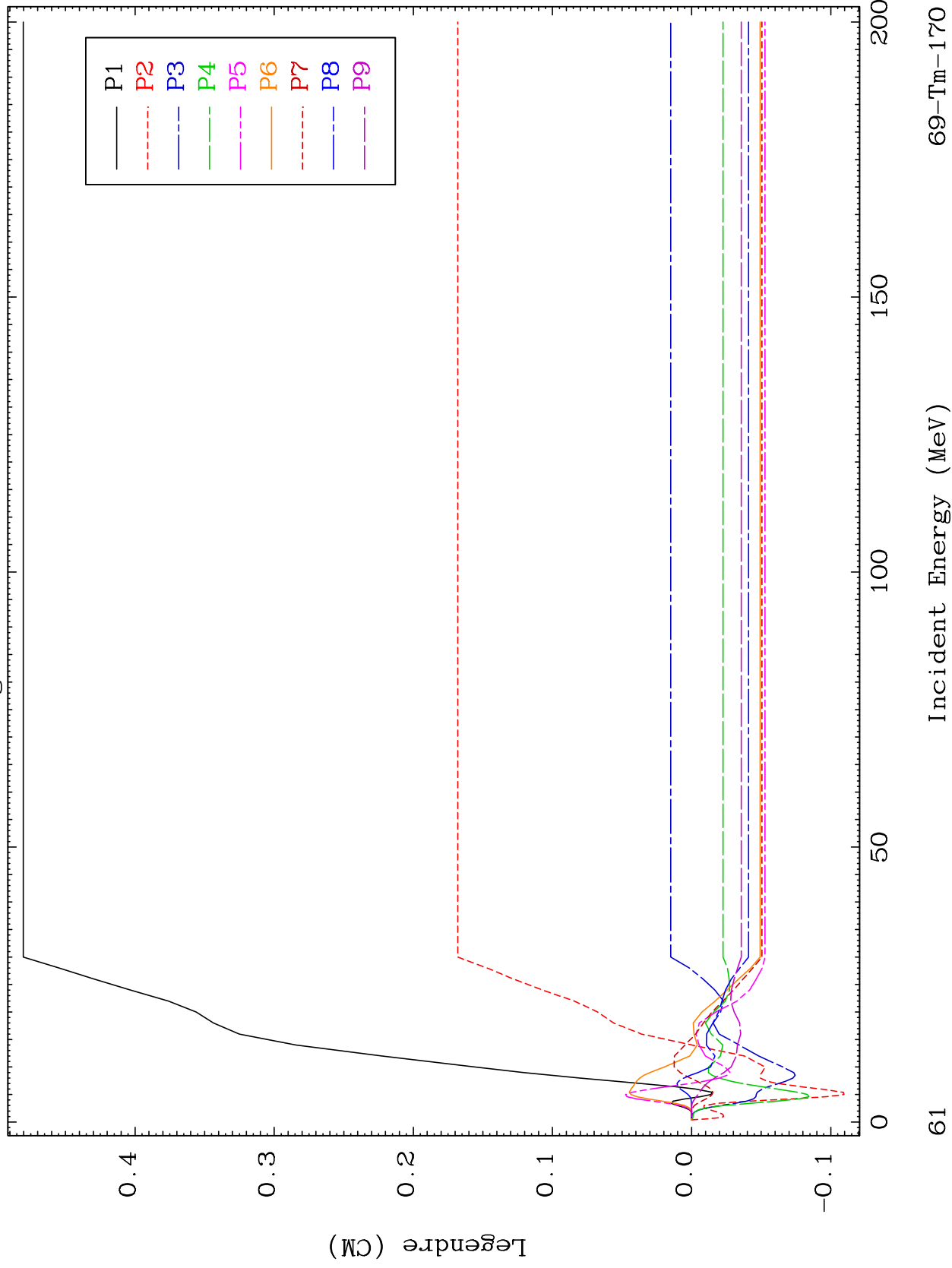
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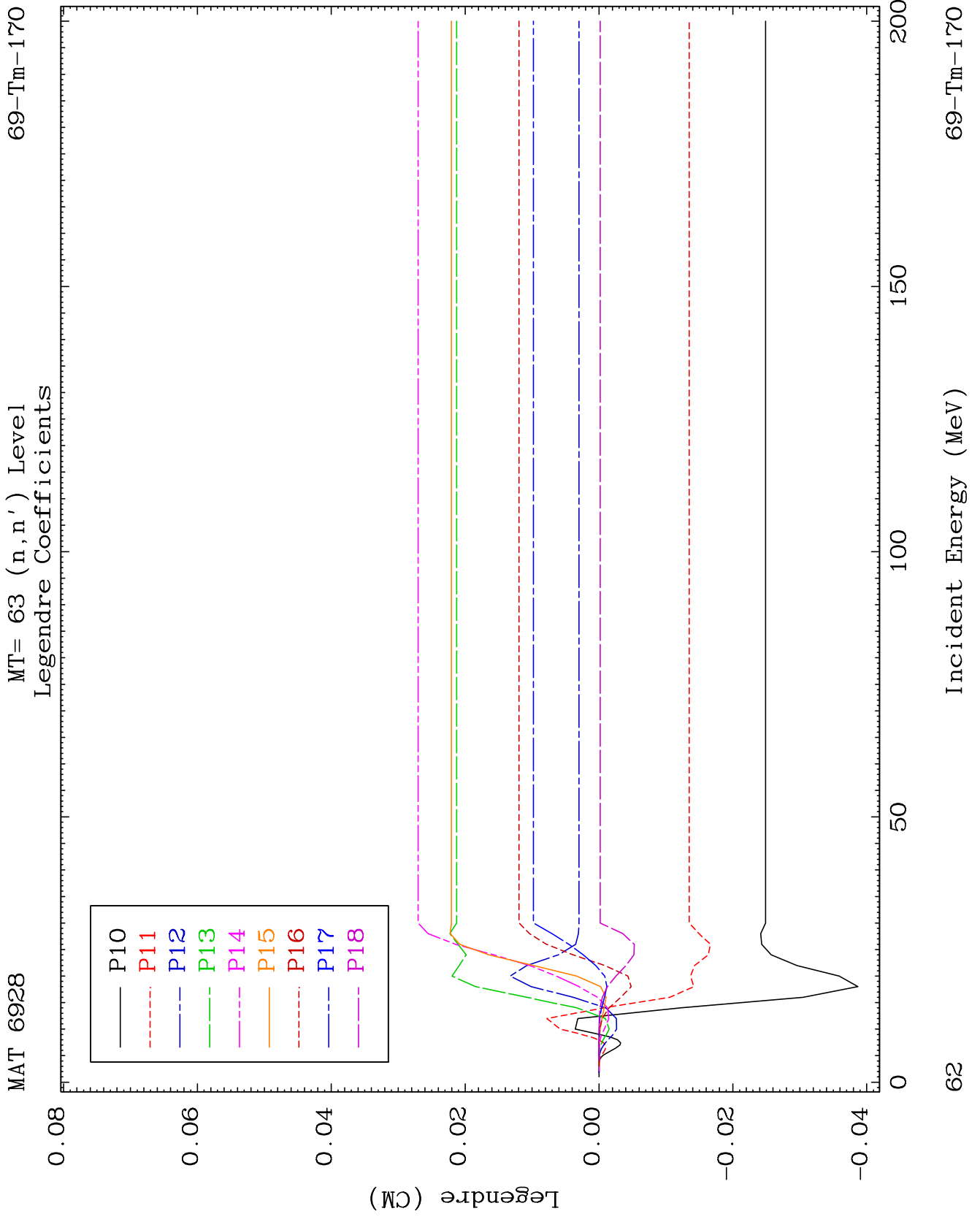
MAT 6928

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

69-Tm-170



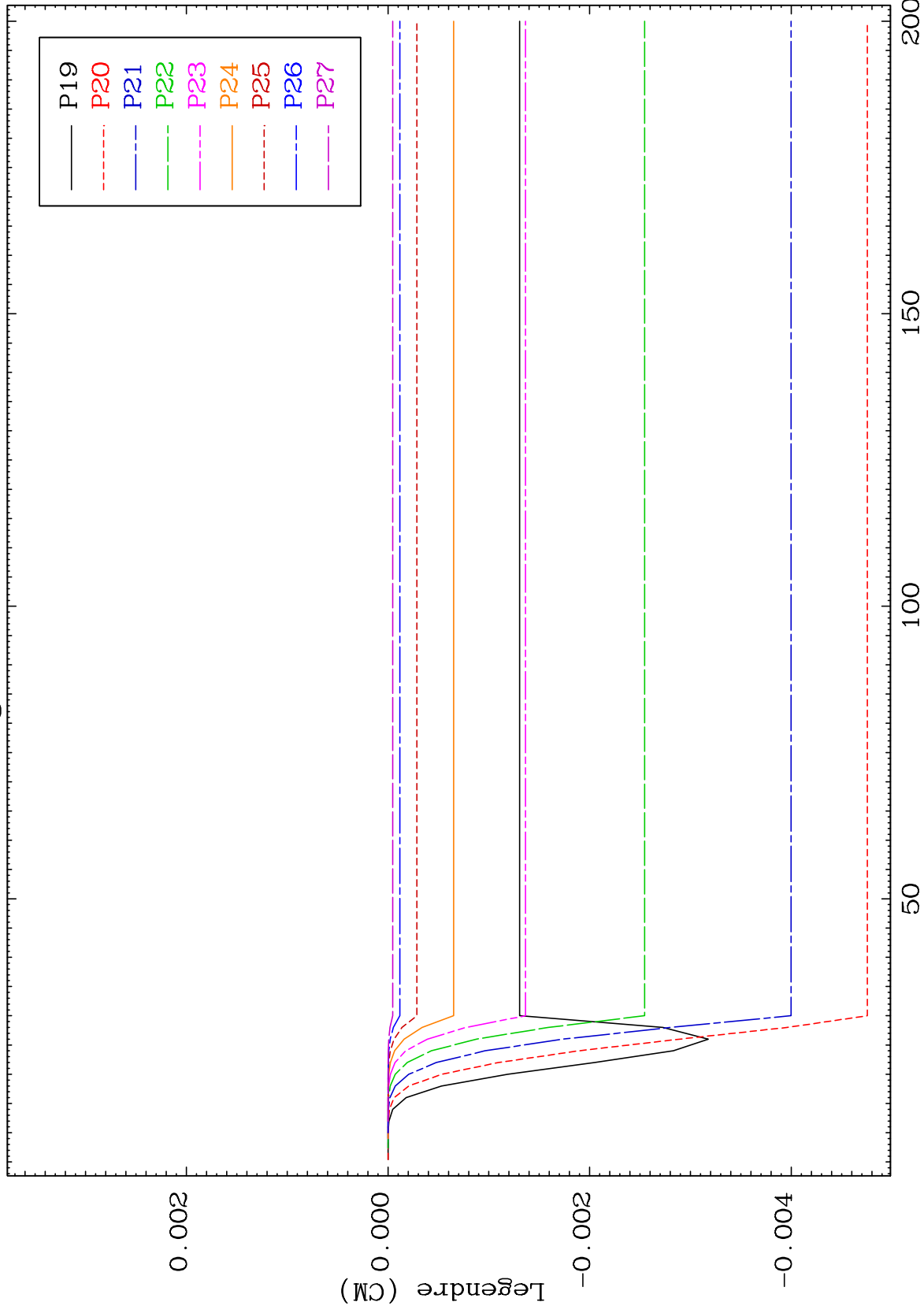
69-Tm-170



MAT 6928

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

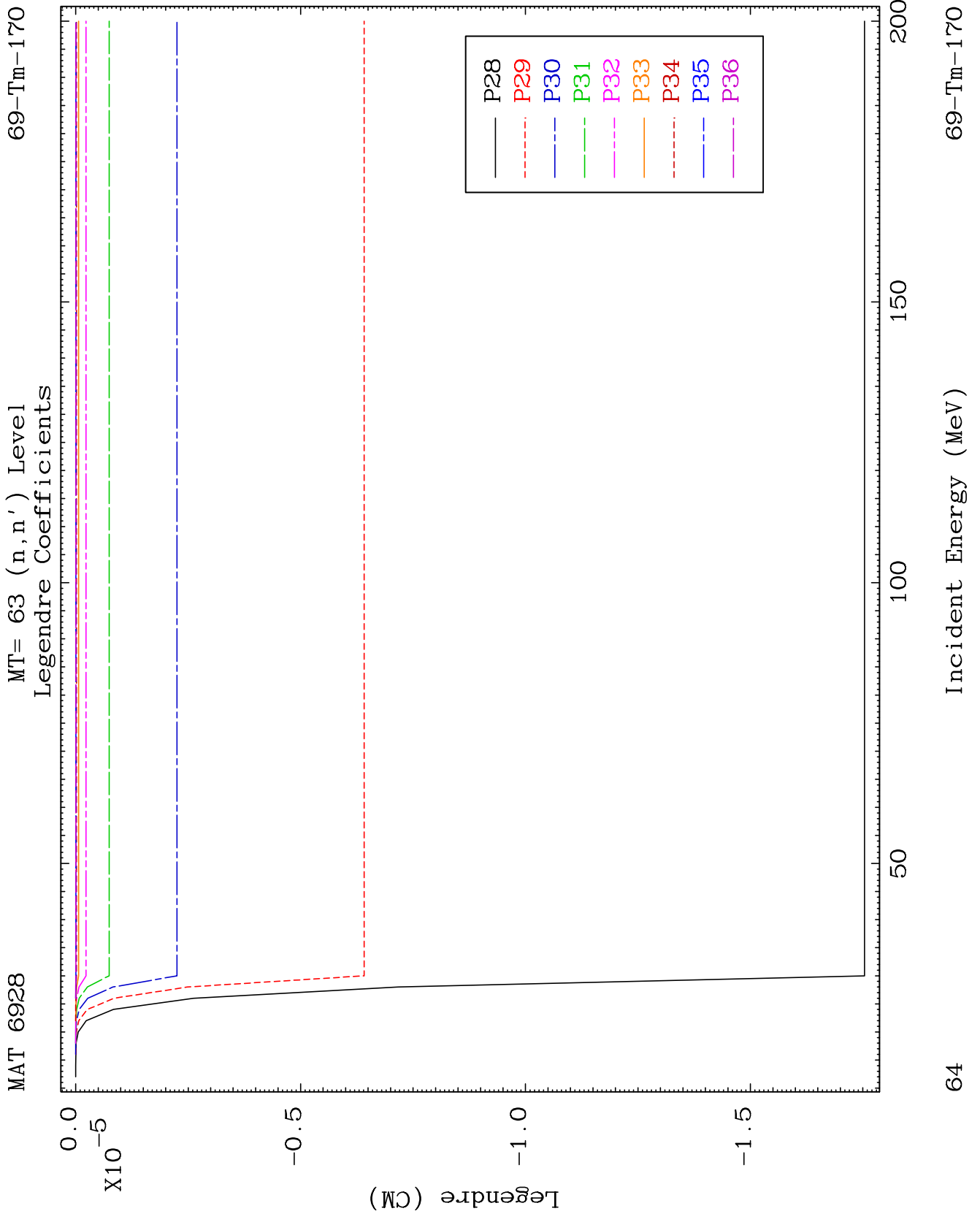
69-Tm-170



63

Incident Energy (MeV)

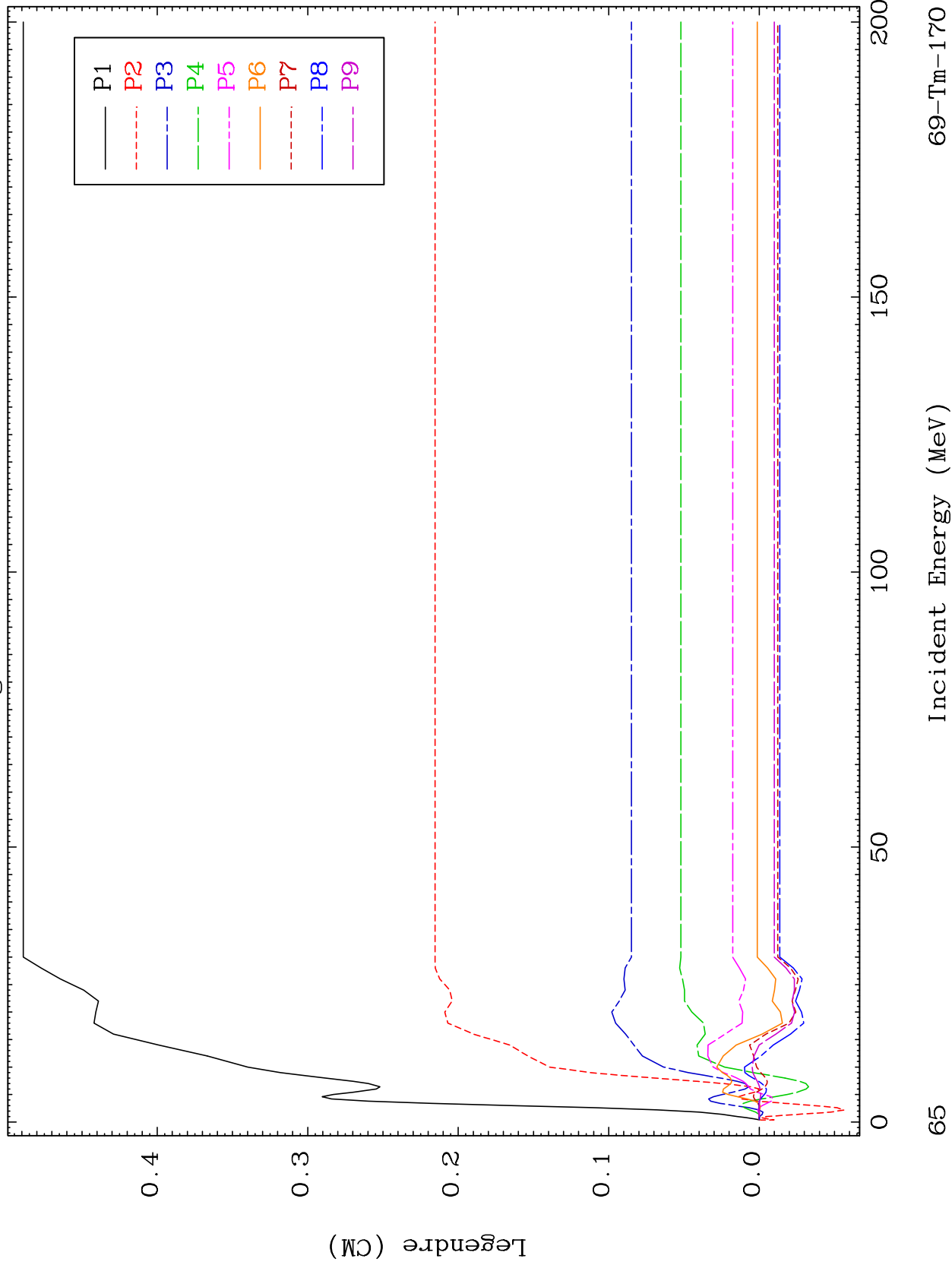
69-Tm-170



MAT 6928

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

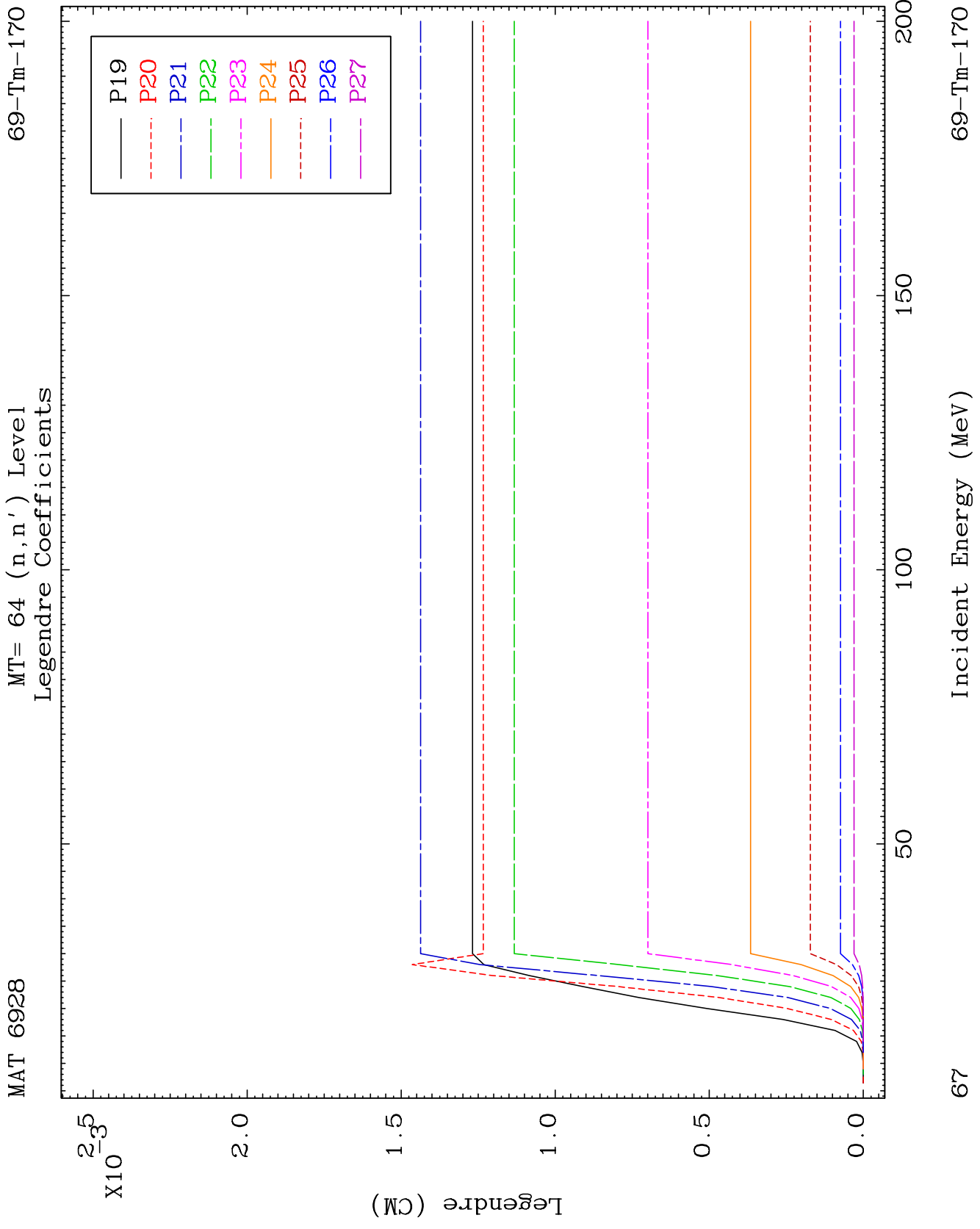
69-Tm-170

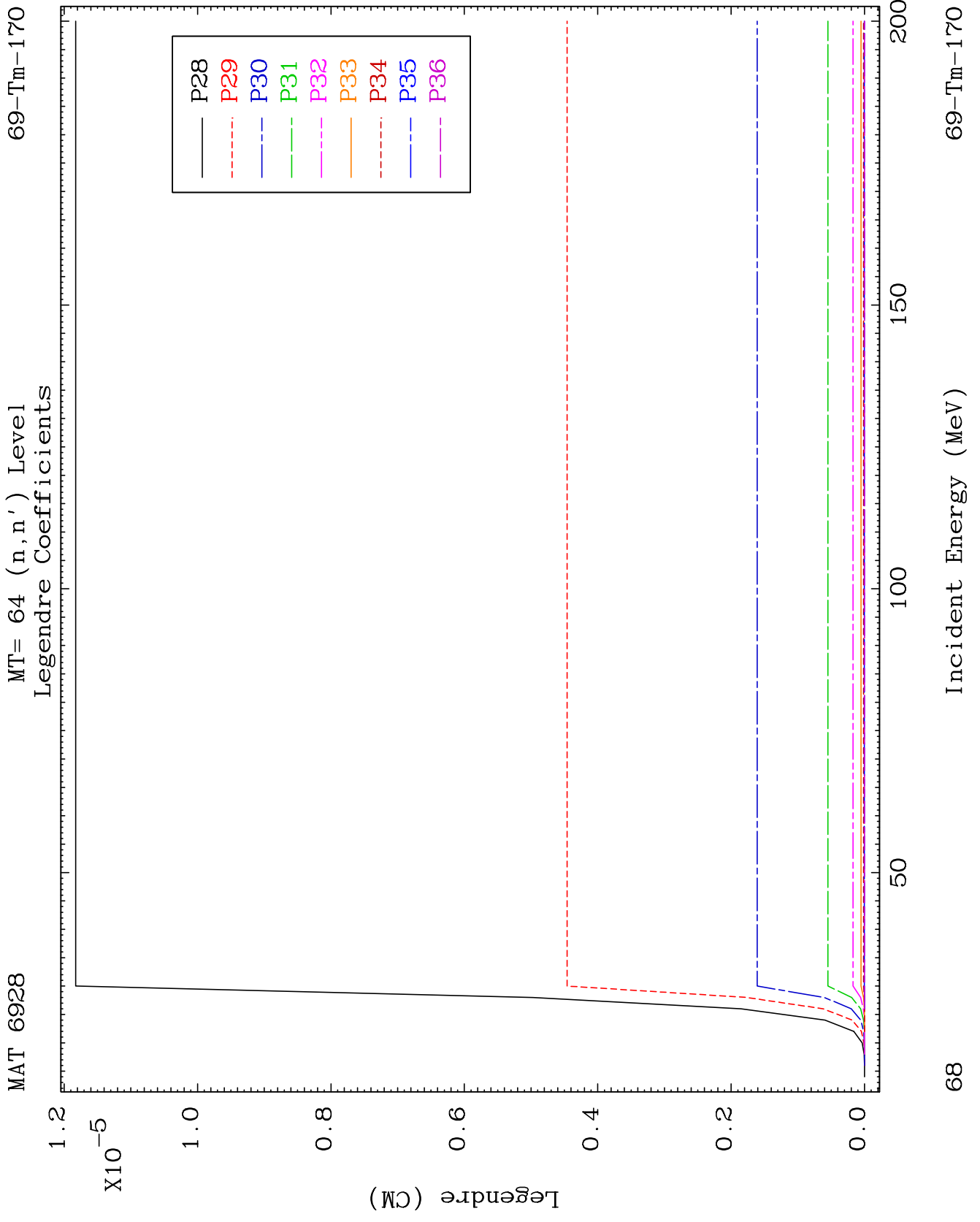


69-Tm-170

Incident Energy (MeV)

65

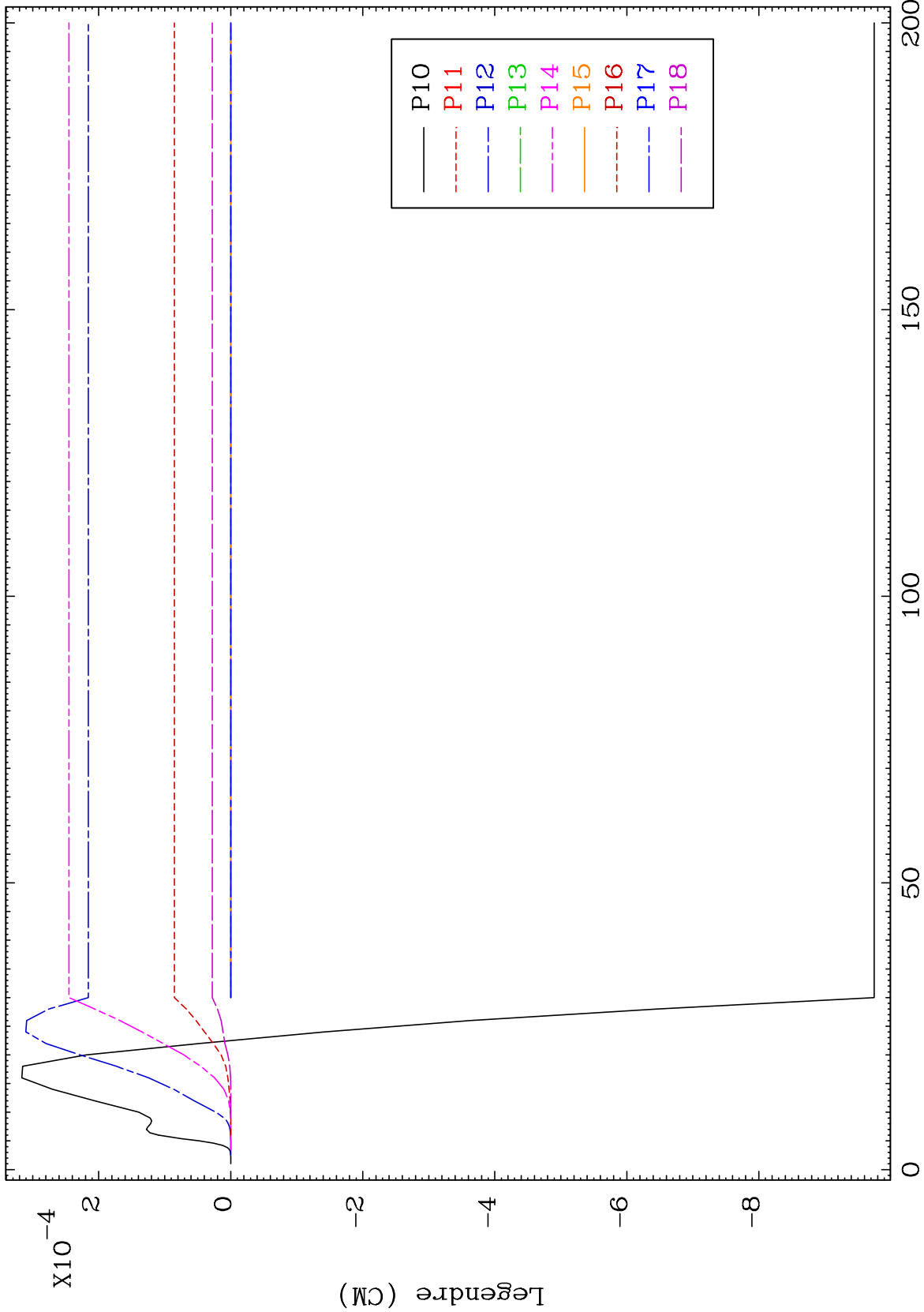




MAT 6928

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

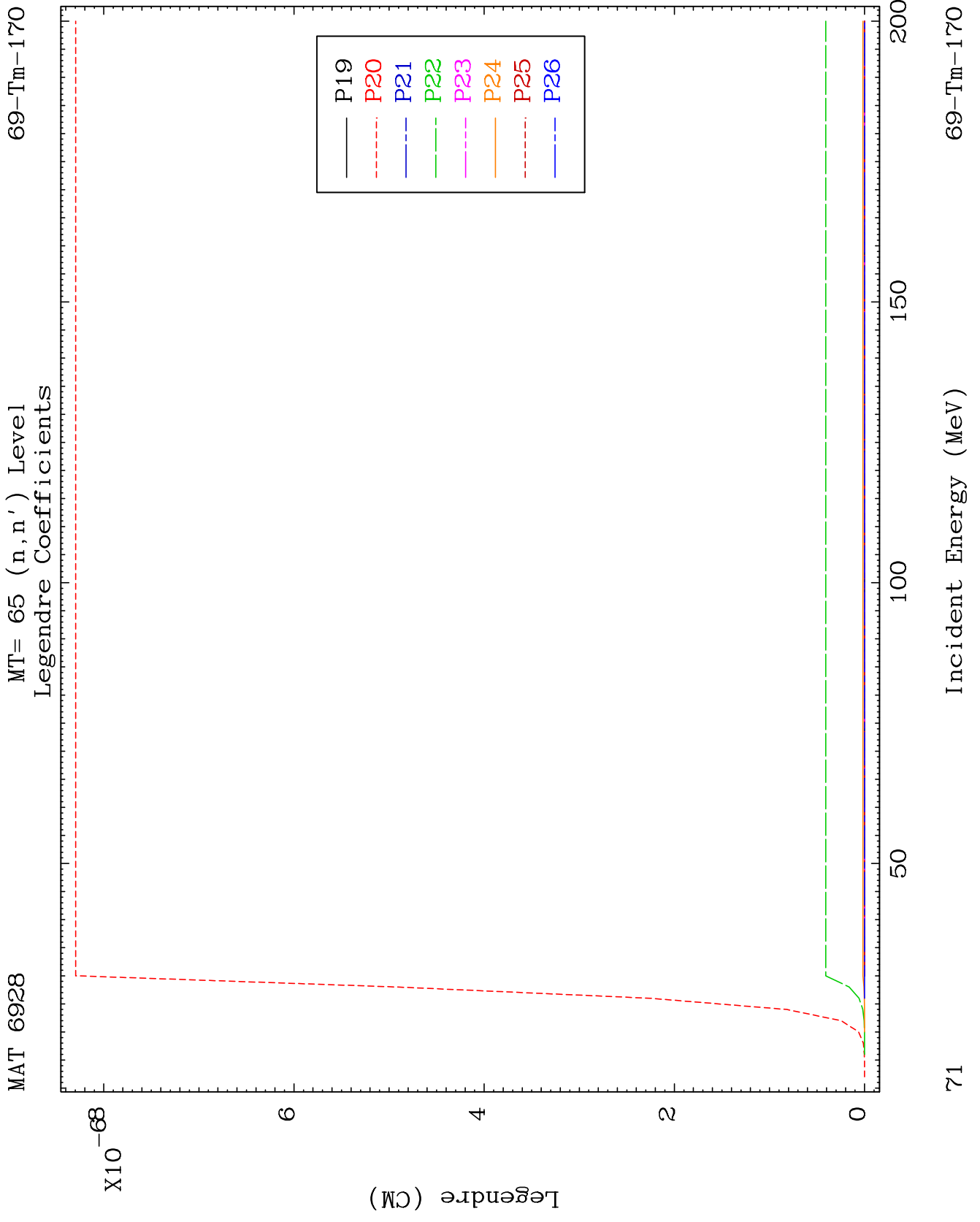
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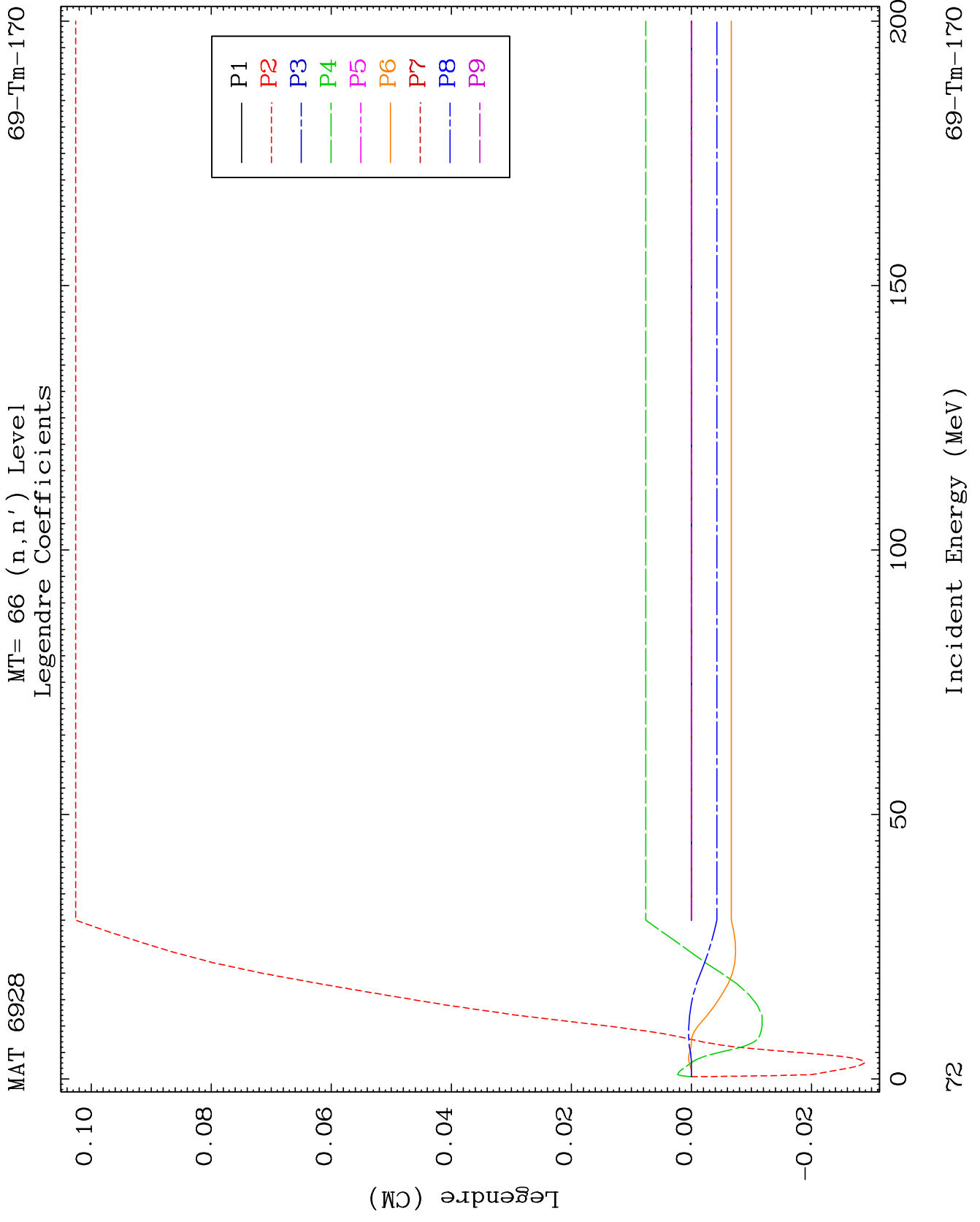


70

Incident Energy (MeV)

69-Tm-170

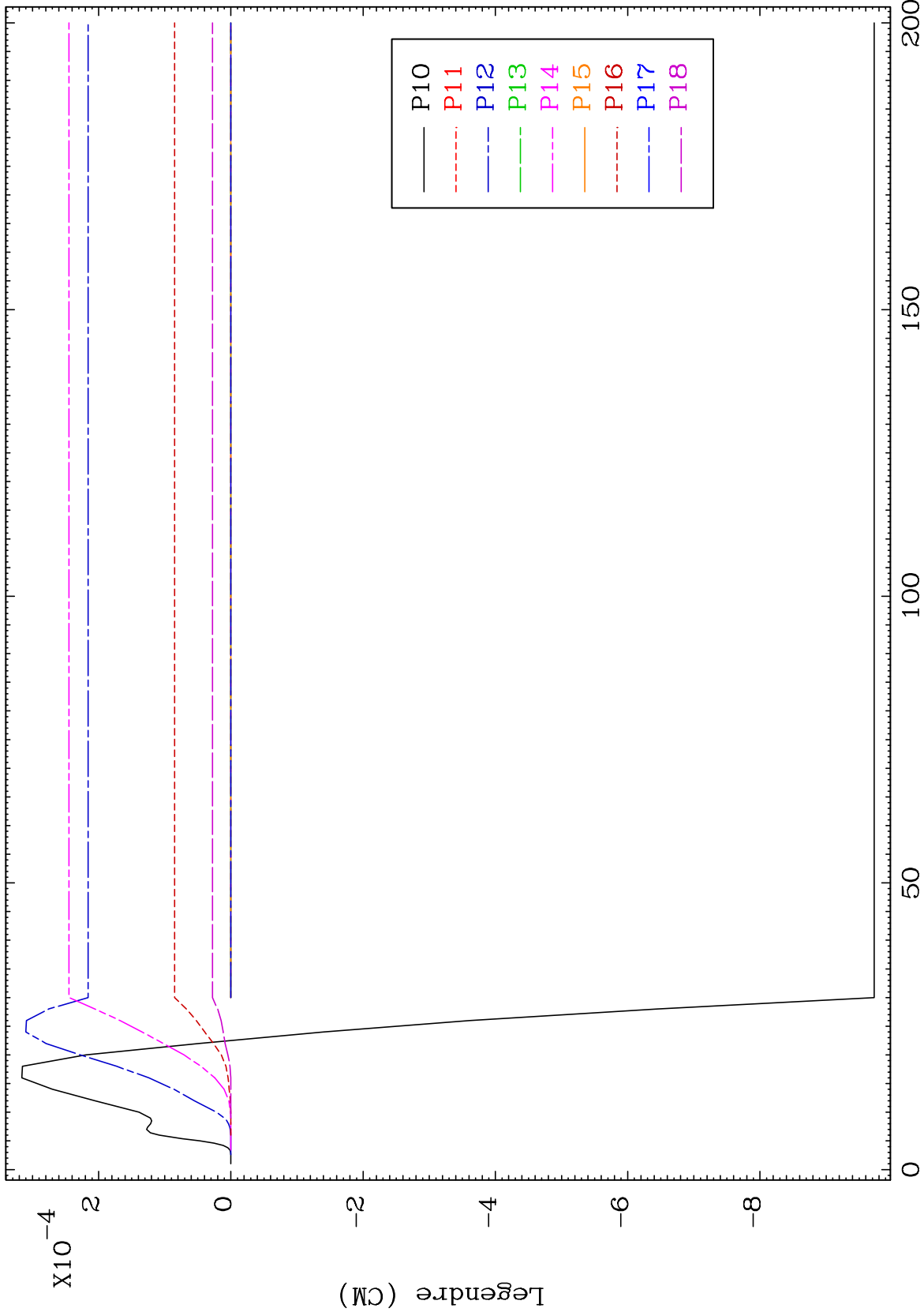




MAT 6928

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

69-Tm-170



73

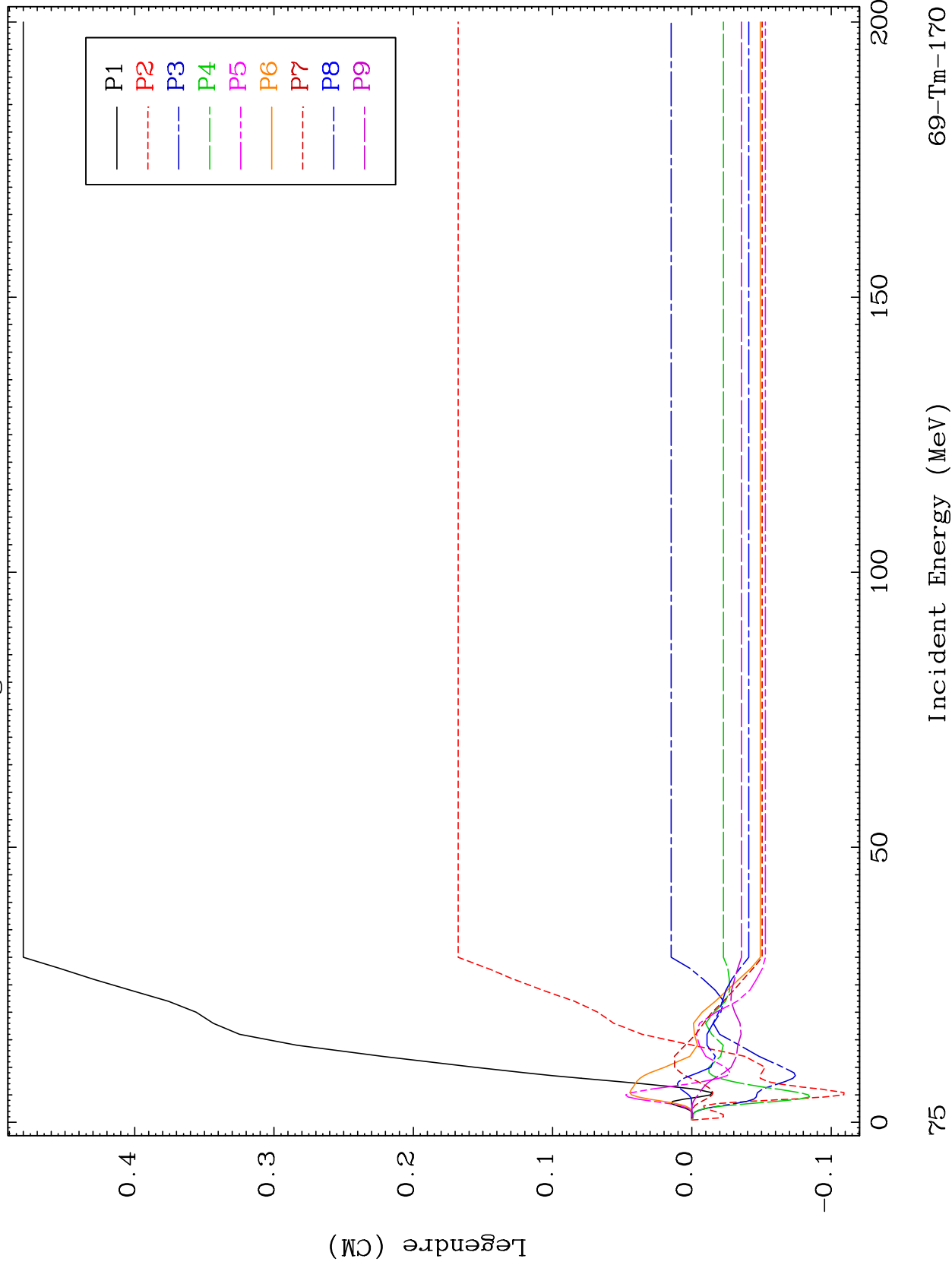
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

69-Tm-170



75

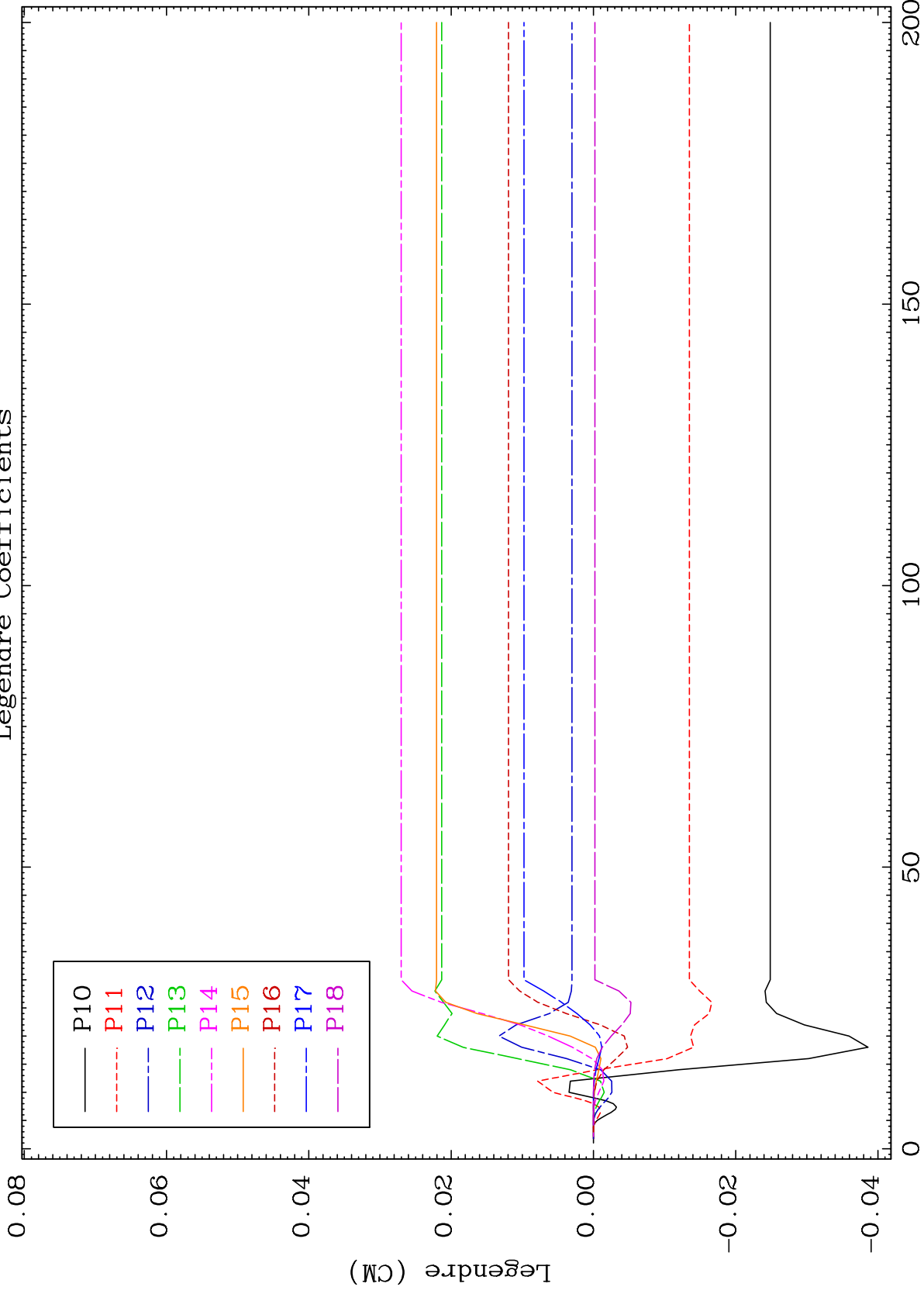
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

69-Tm-170



76

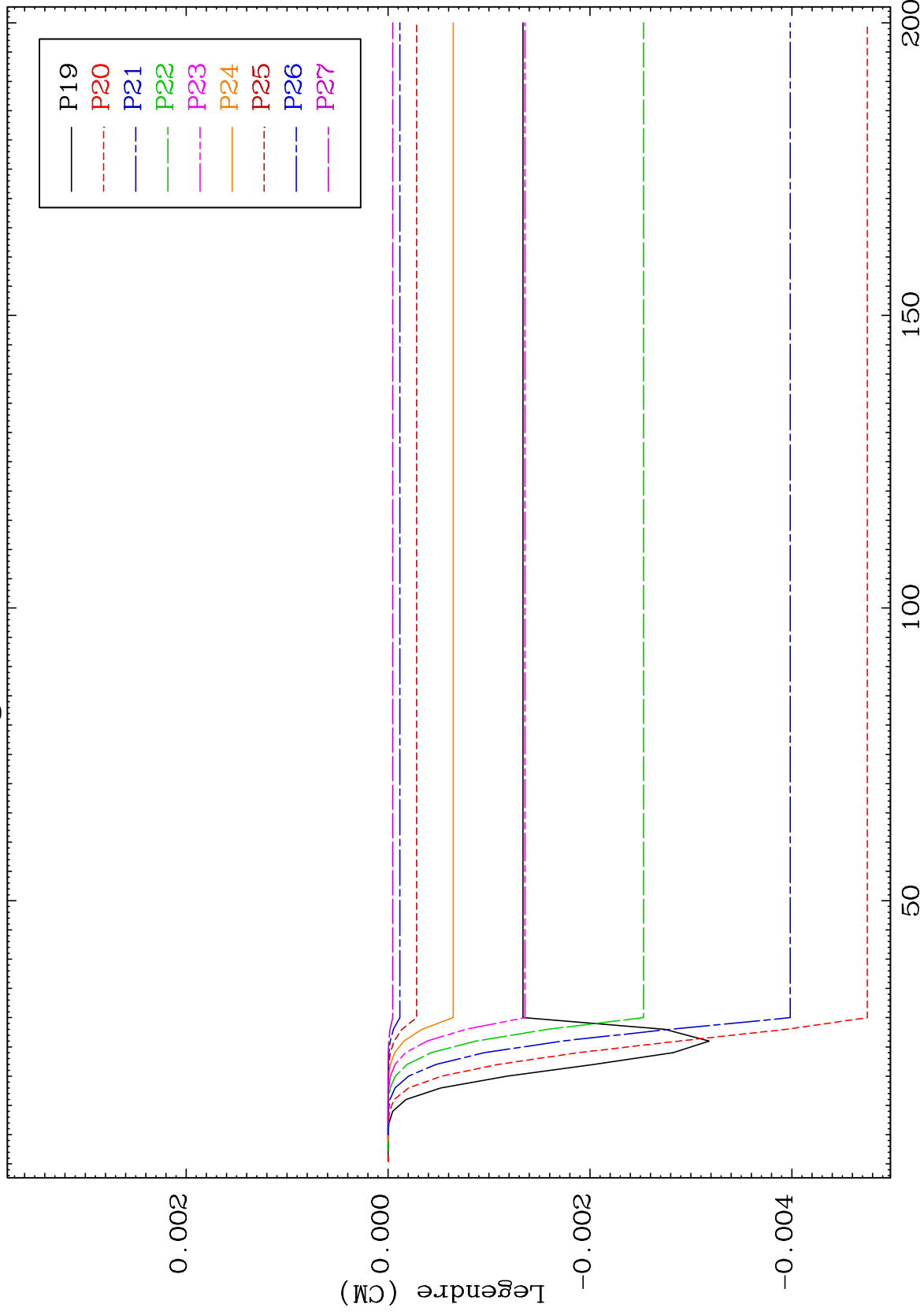
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

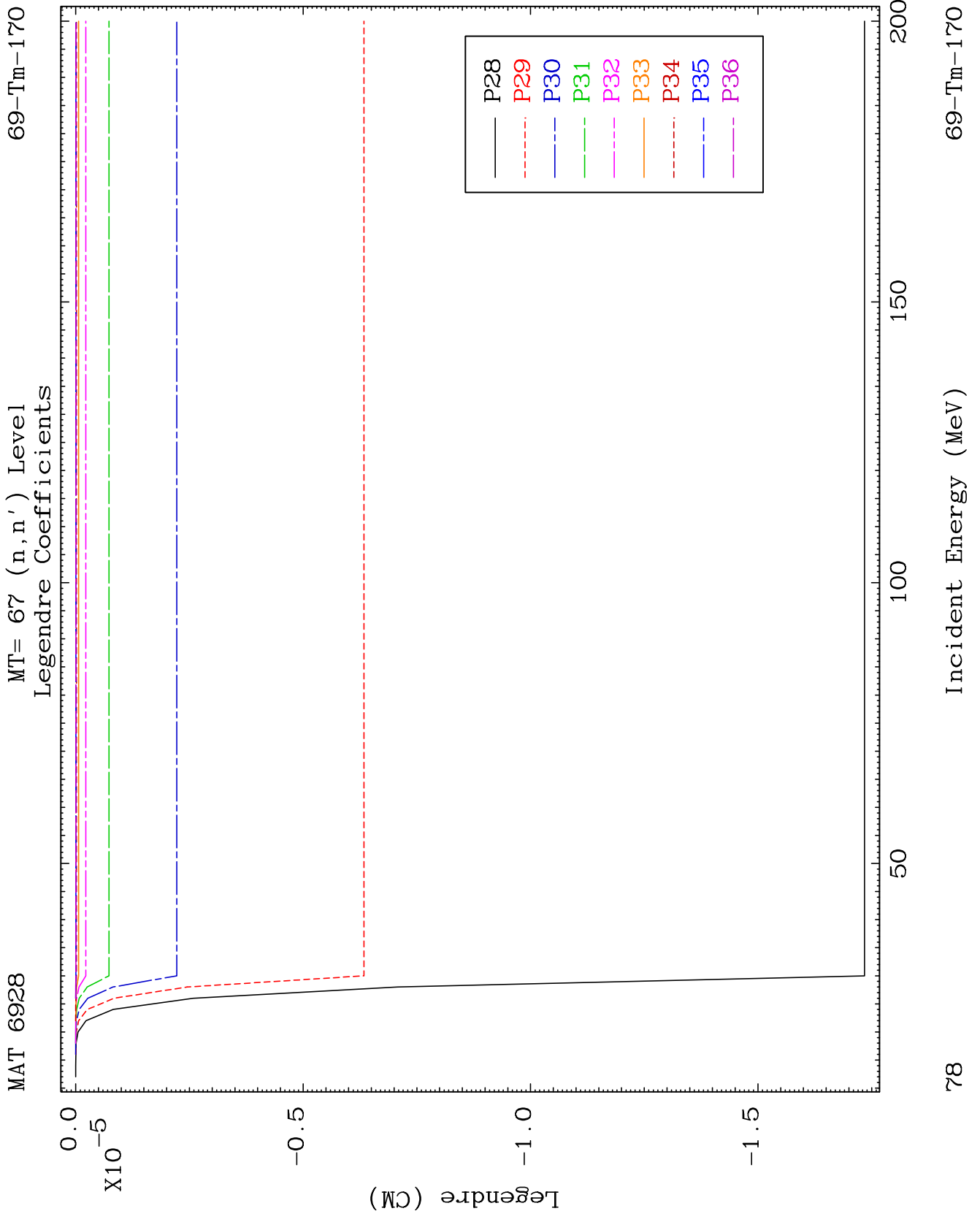
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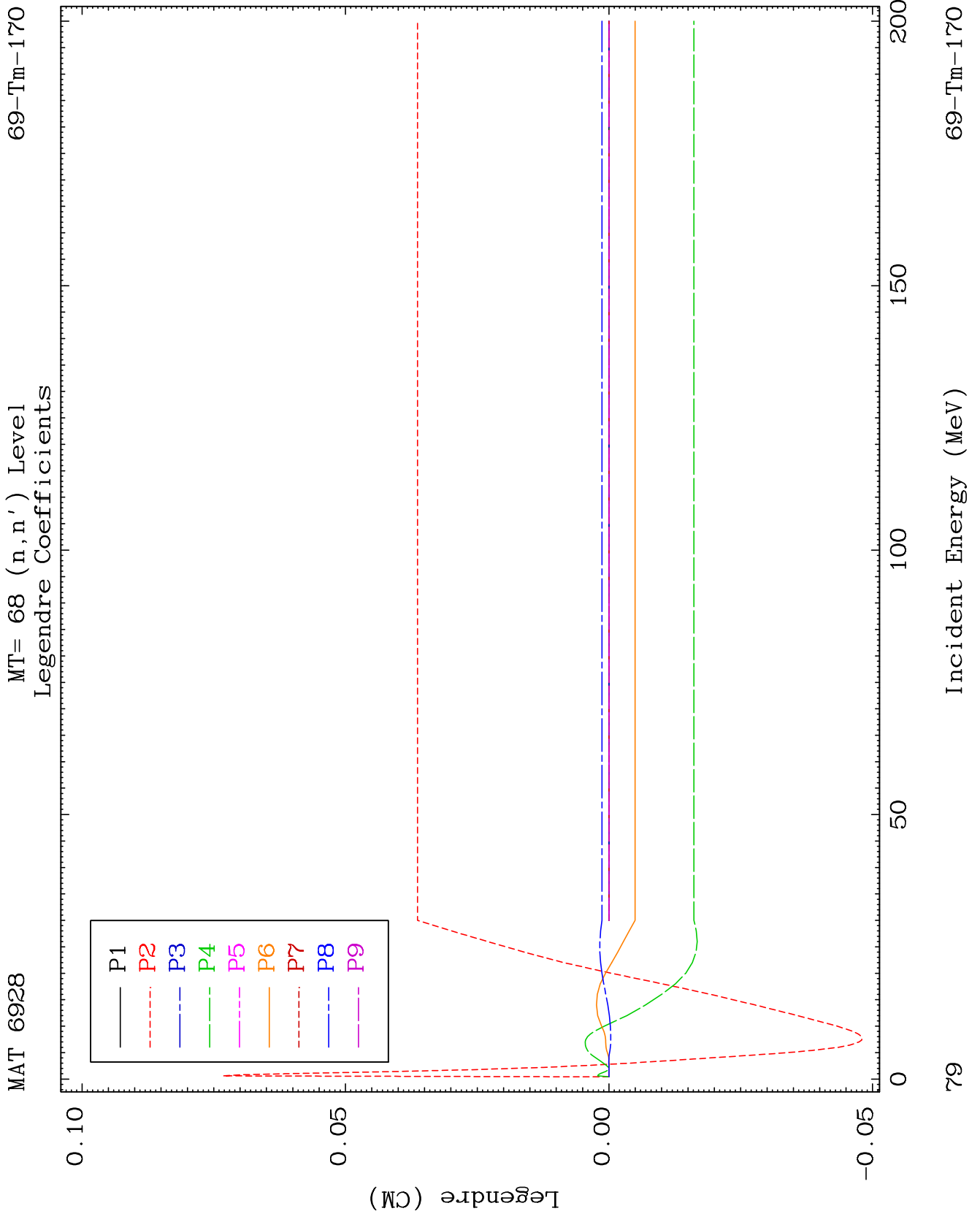


77

Incident Energy (MeV)

69-Tm-170

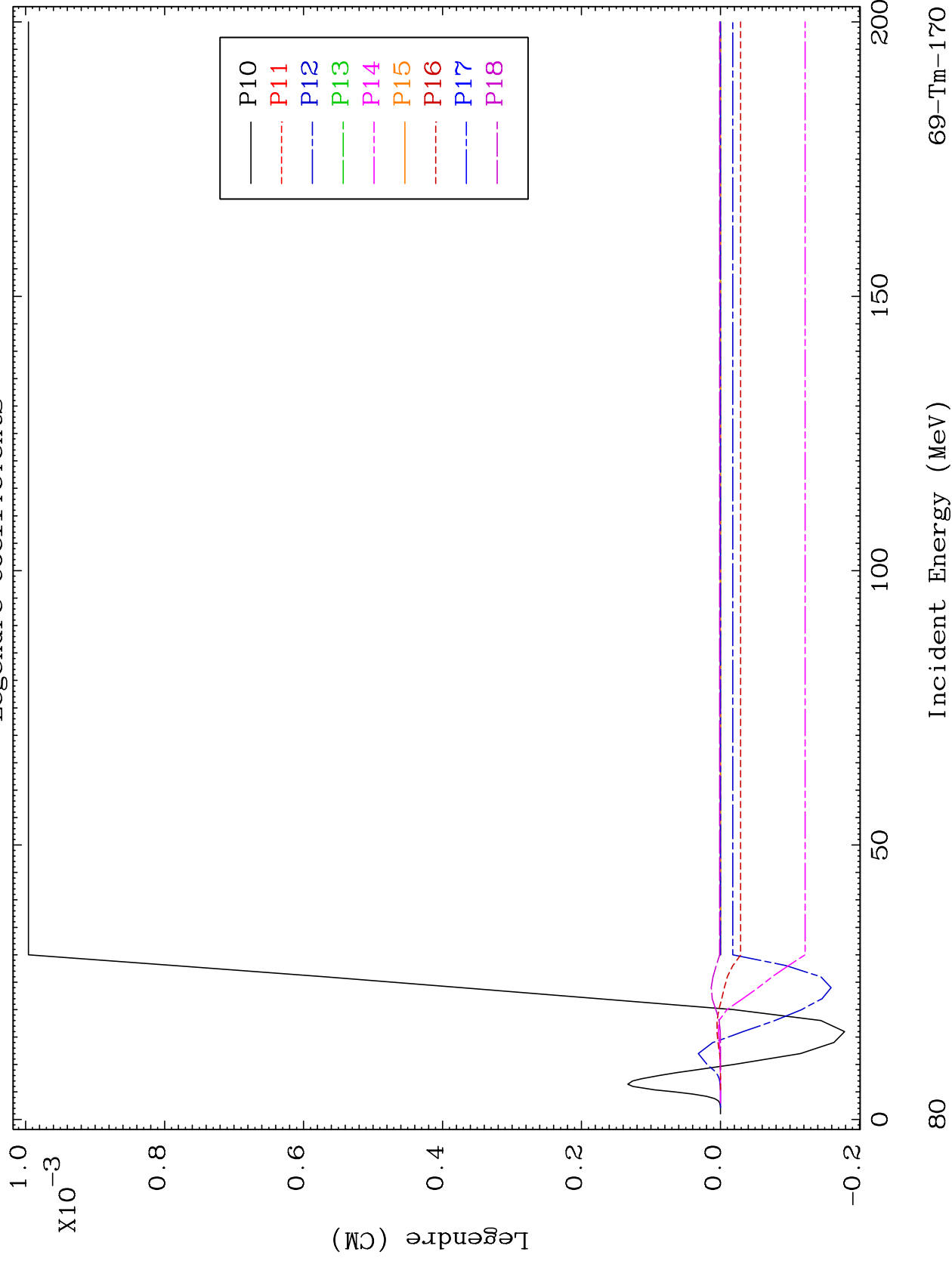




MAT 6928

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

69-Tm-170



69-Tm-170

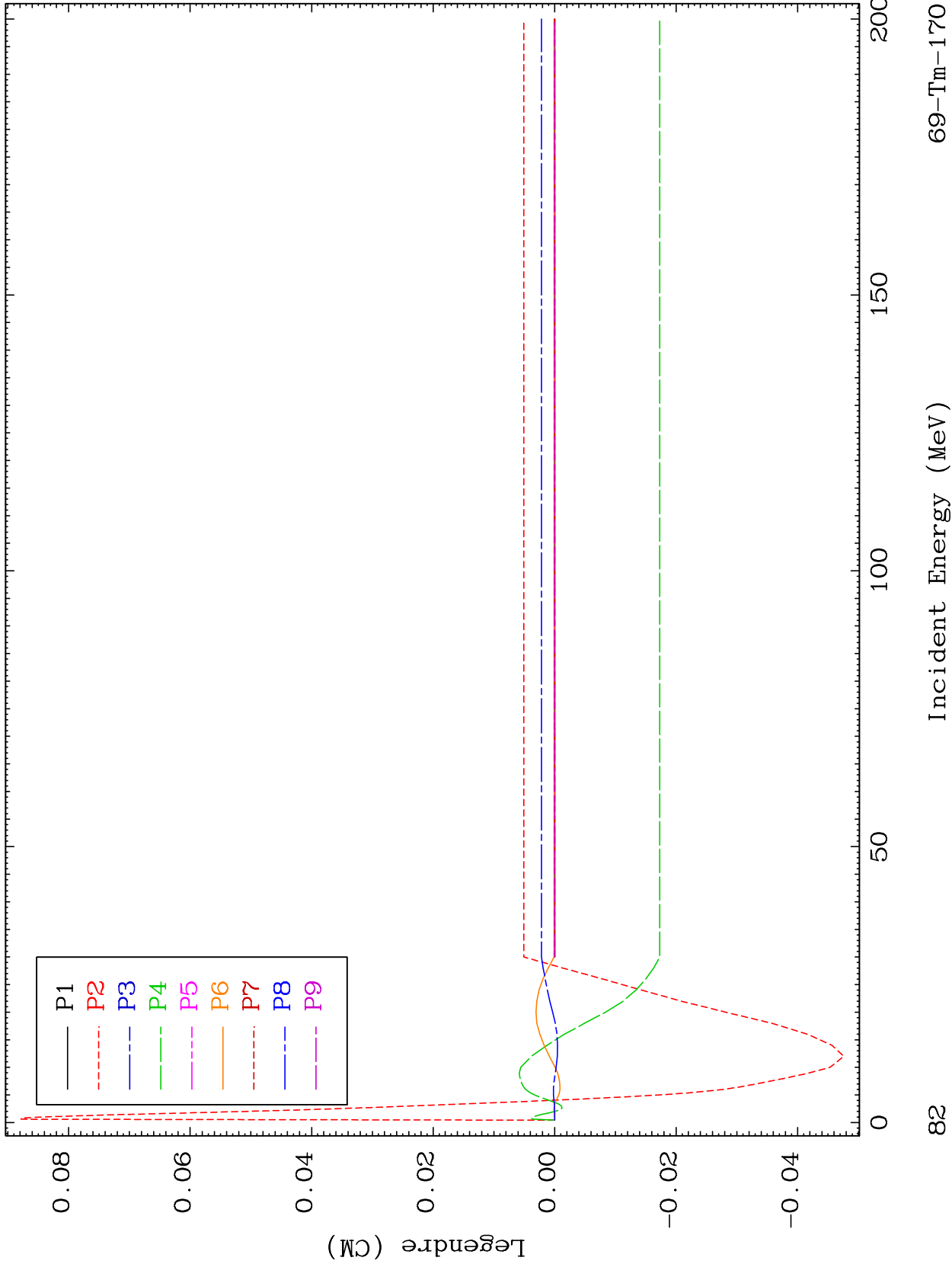
Incident Energy (MeV)

80

MAT 6928

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

69-Tm-170



82

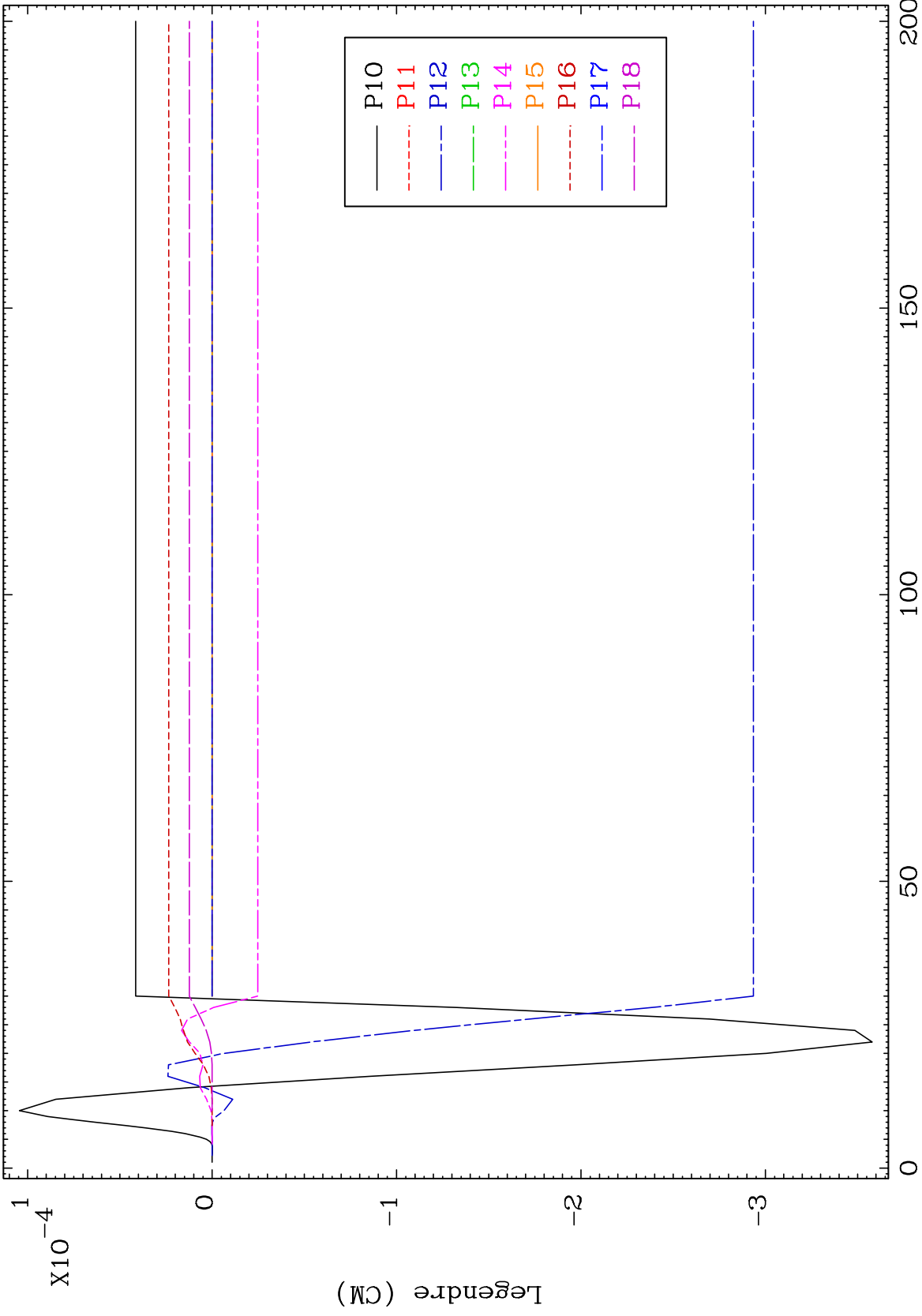
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

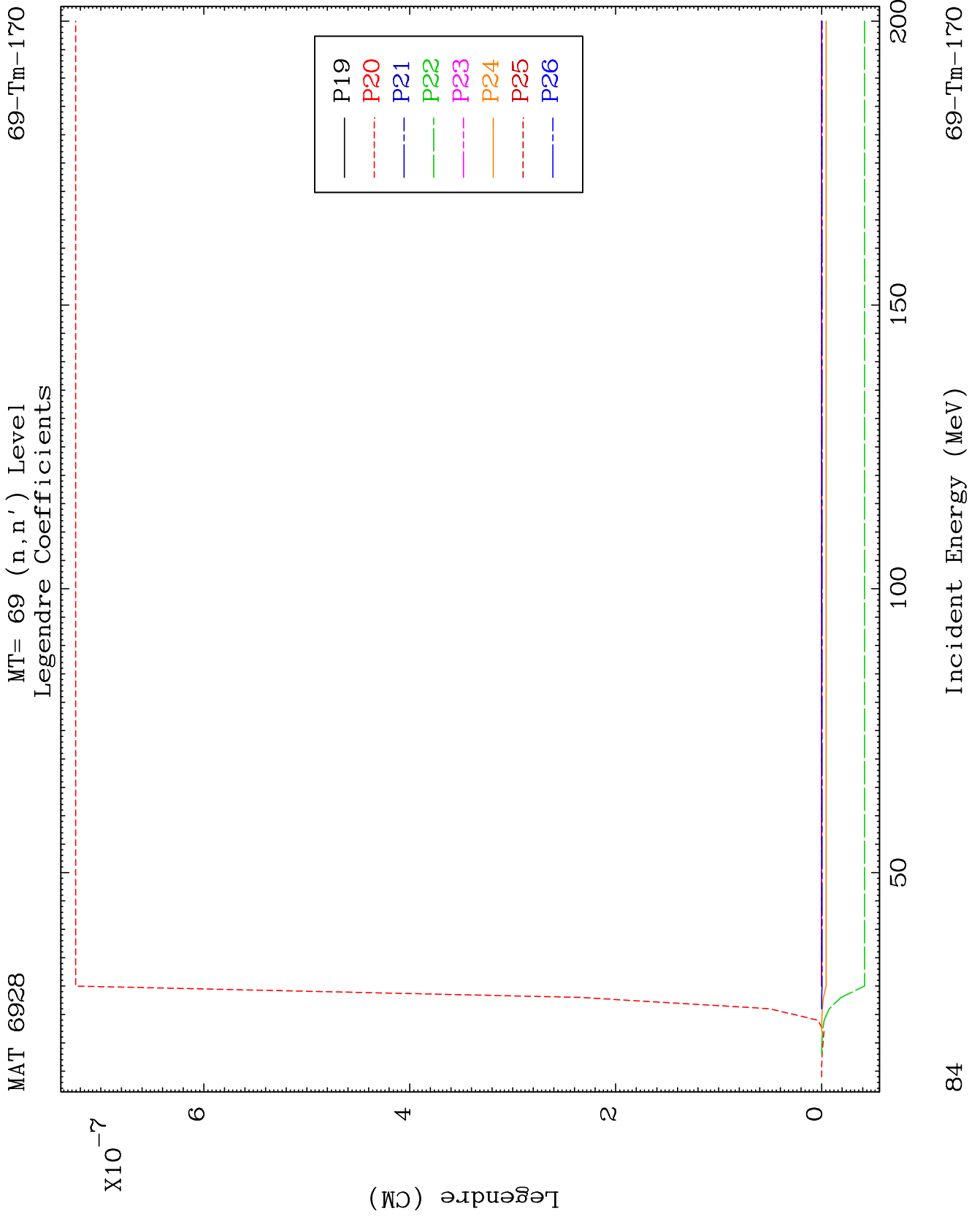
69-Tm-170



83

Incident Energy (MeV)

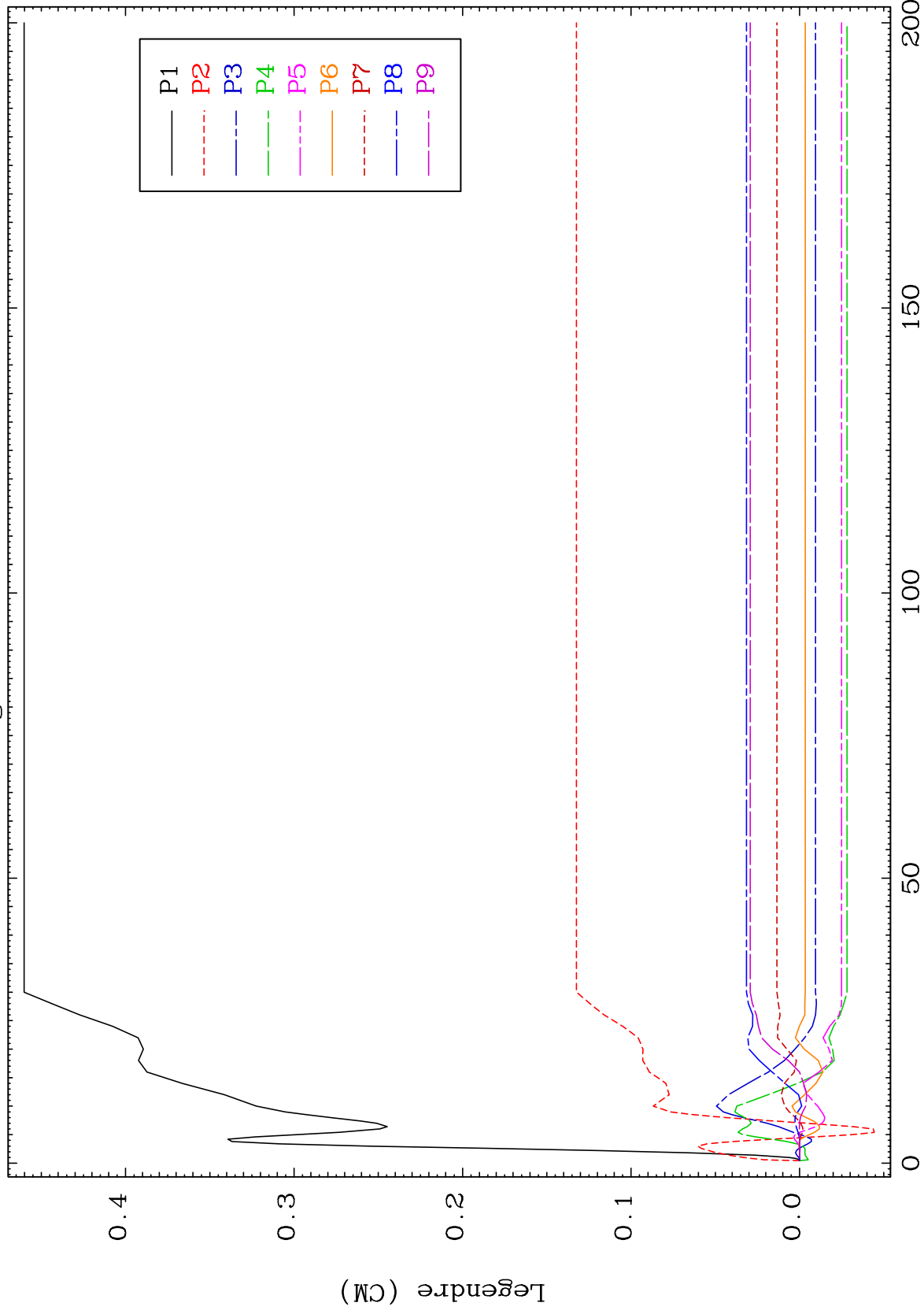
69-Tm-170



MAT 6928

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

69-Tm-170



85

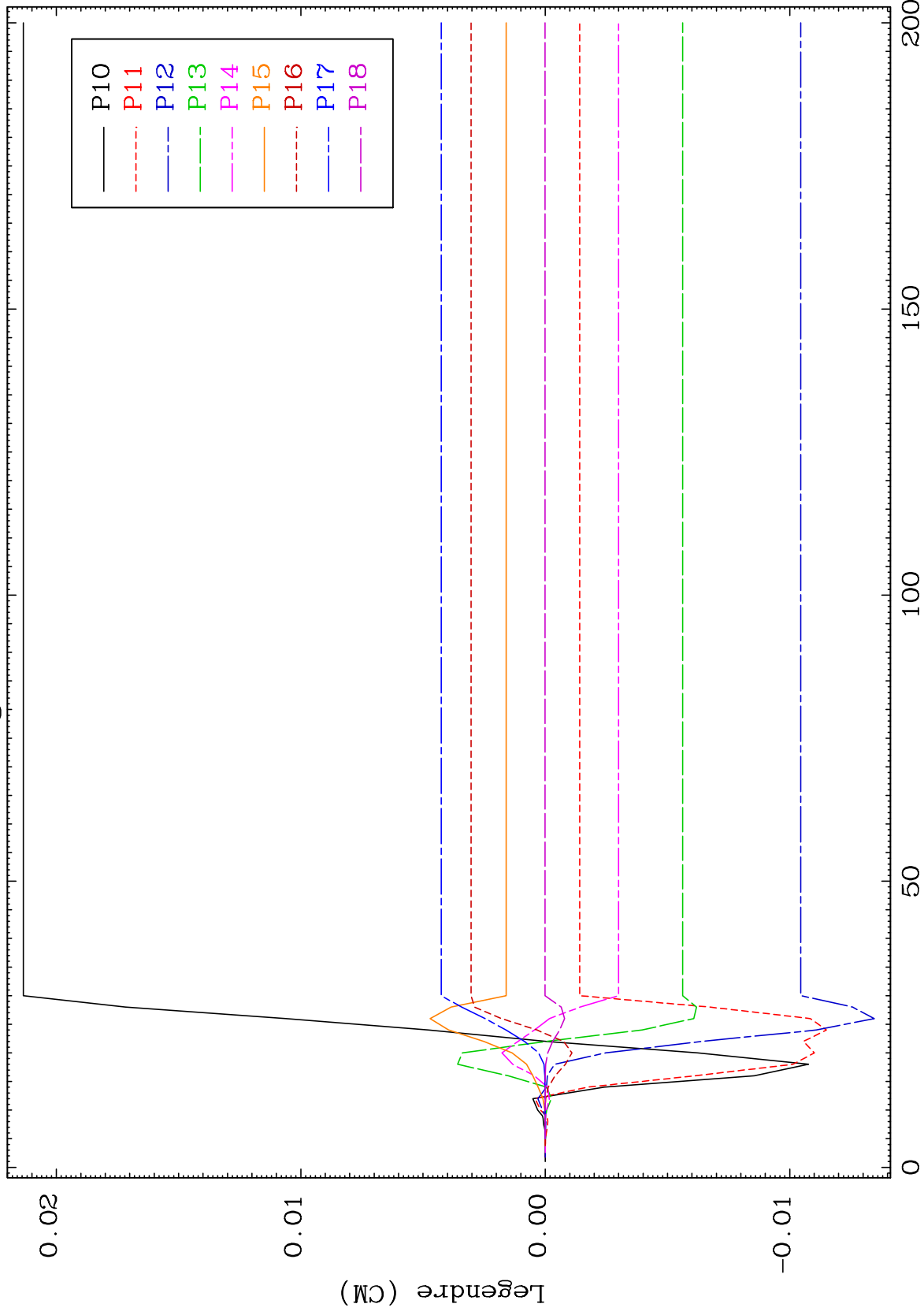
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

69-Tm-170



86

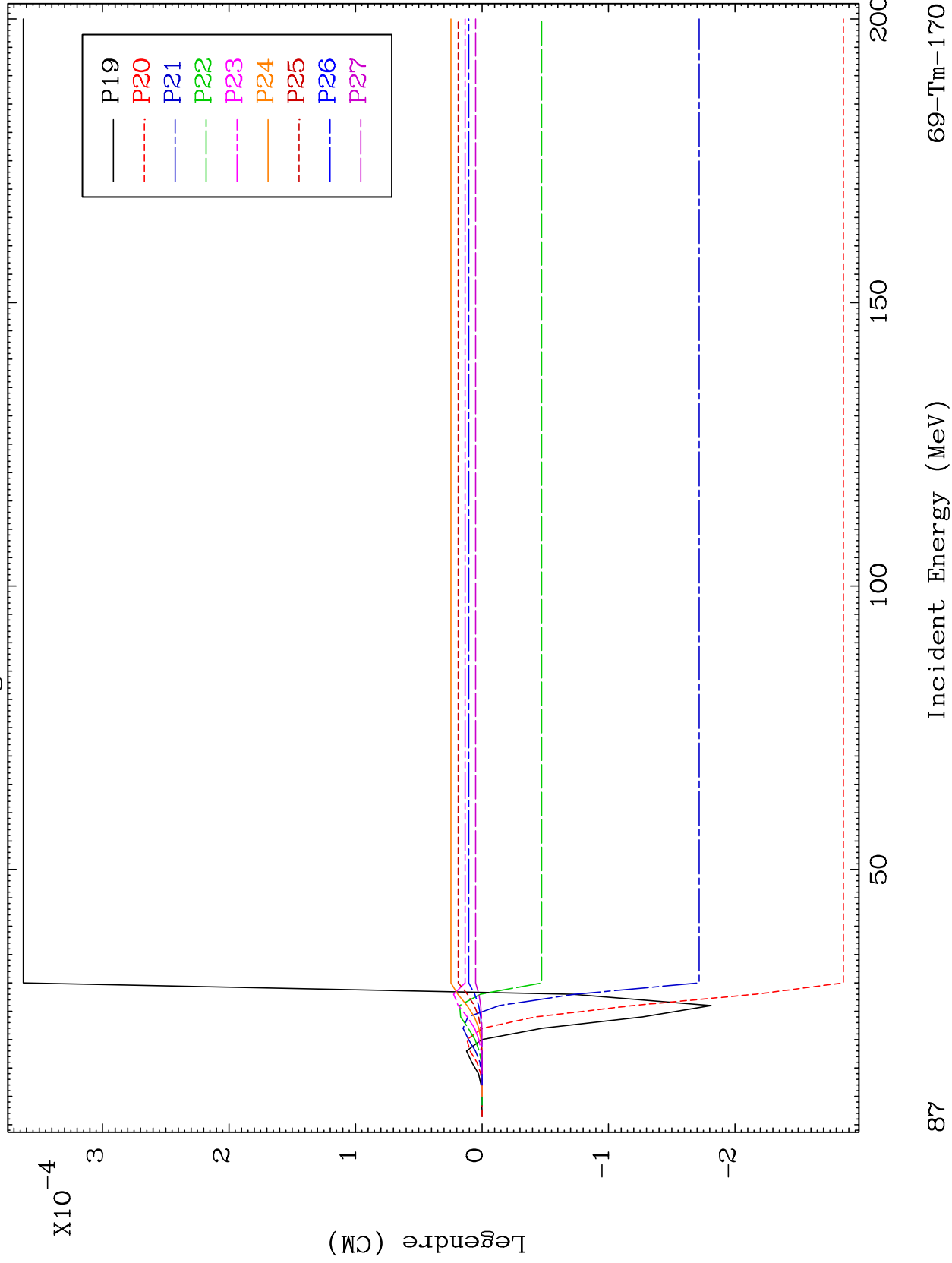
Incident Energy (MeV)

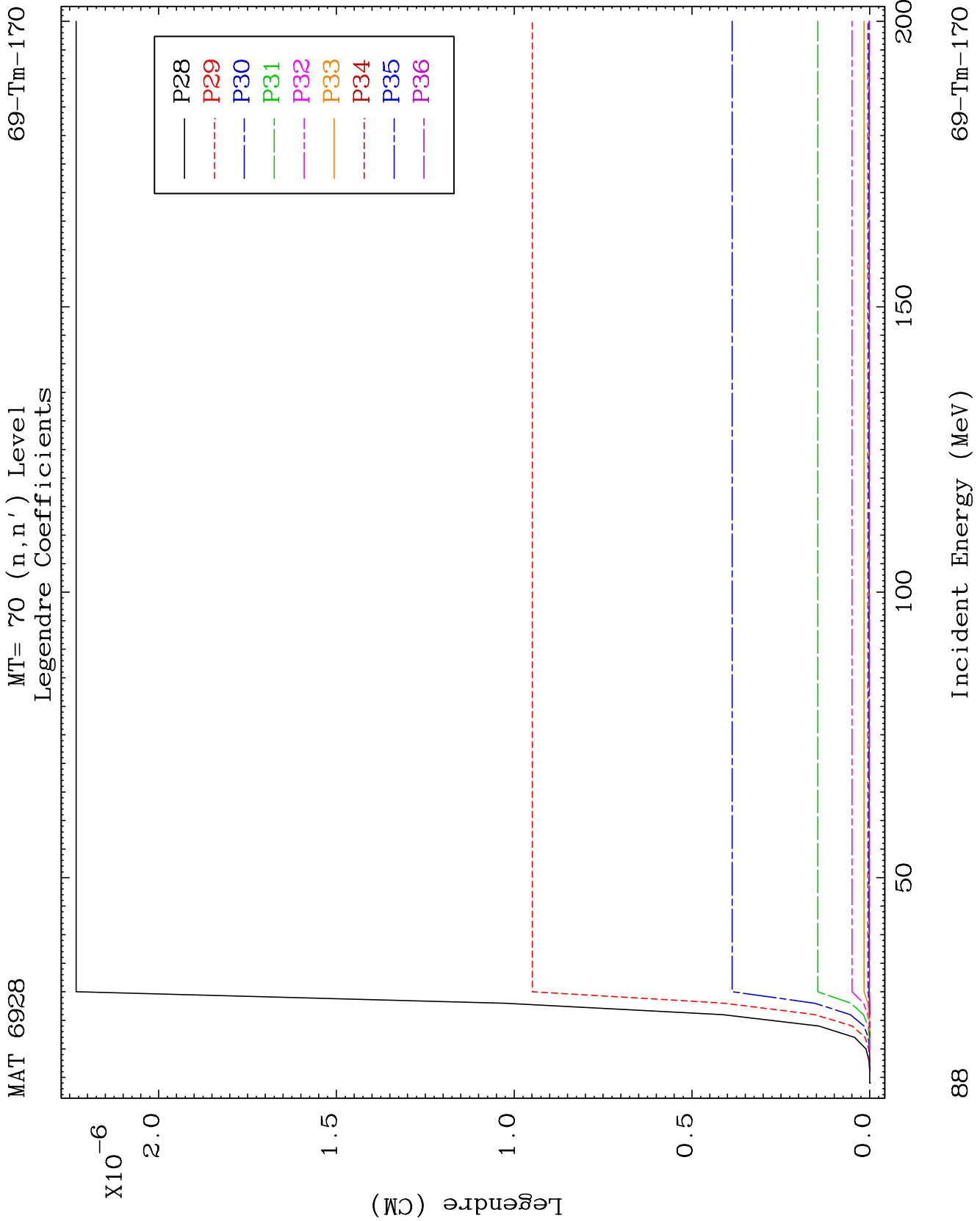
69-Tm-170

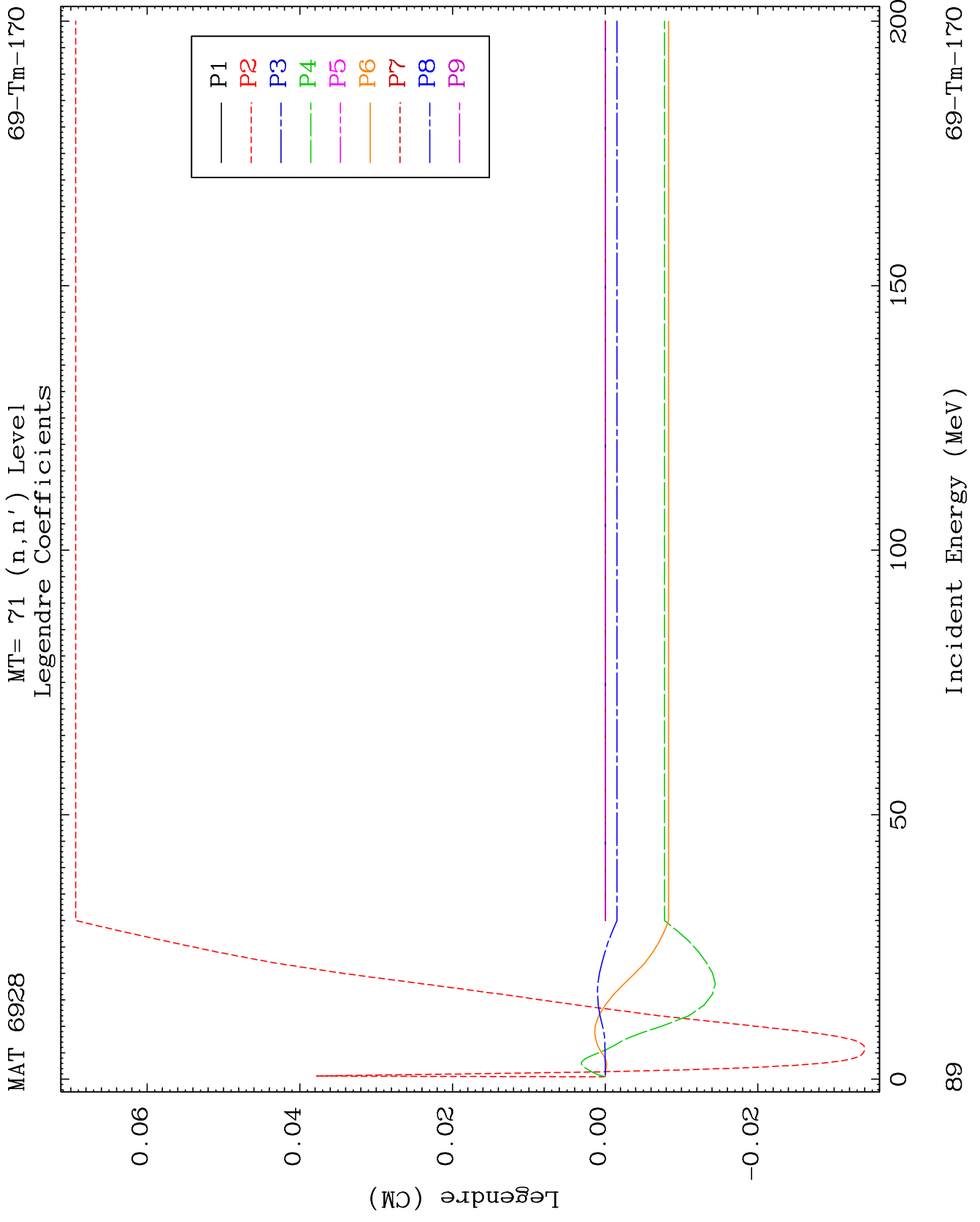
MAT 6928

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

69-Tm-170



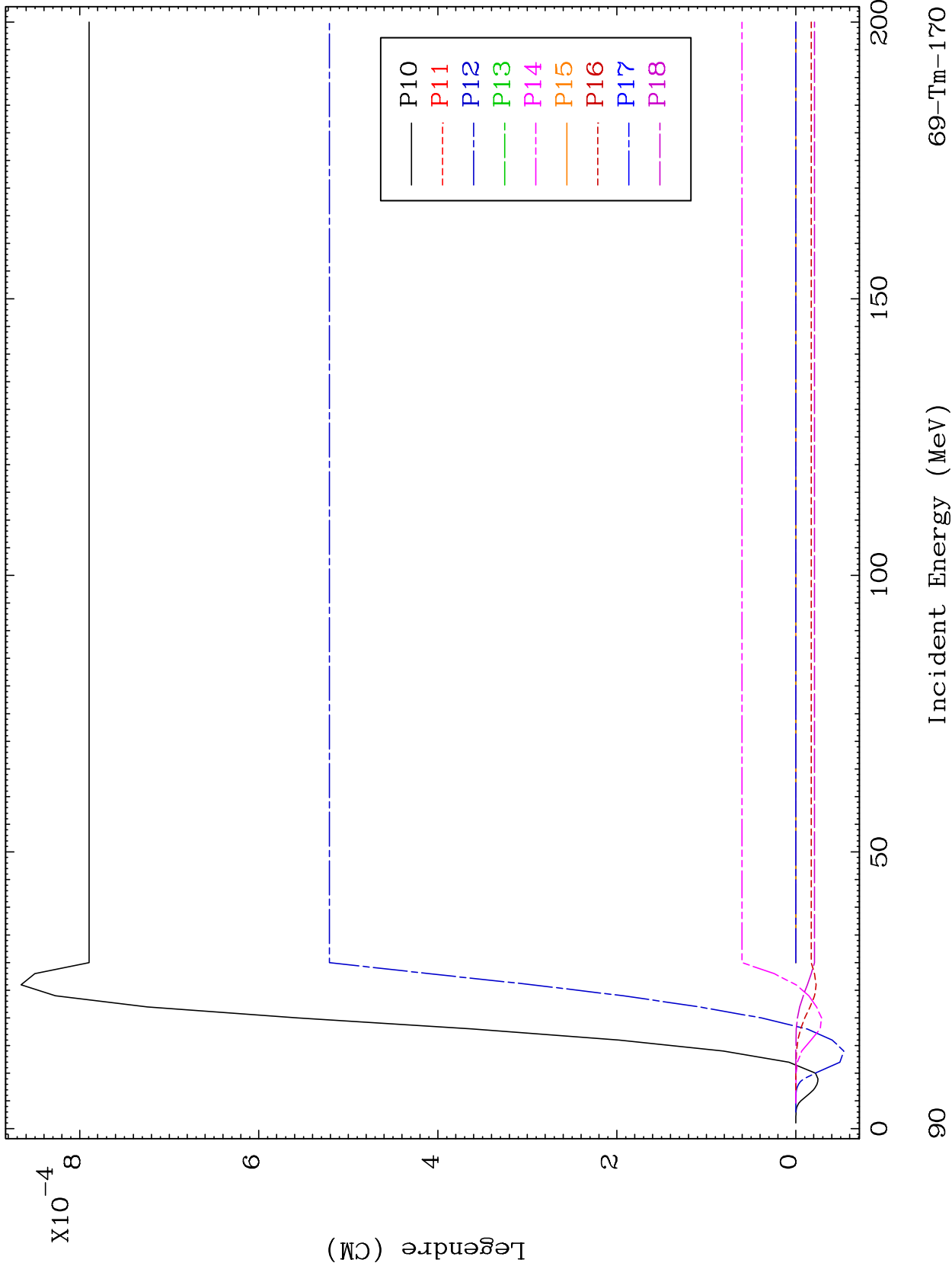


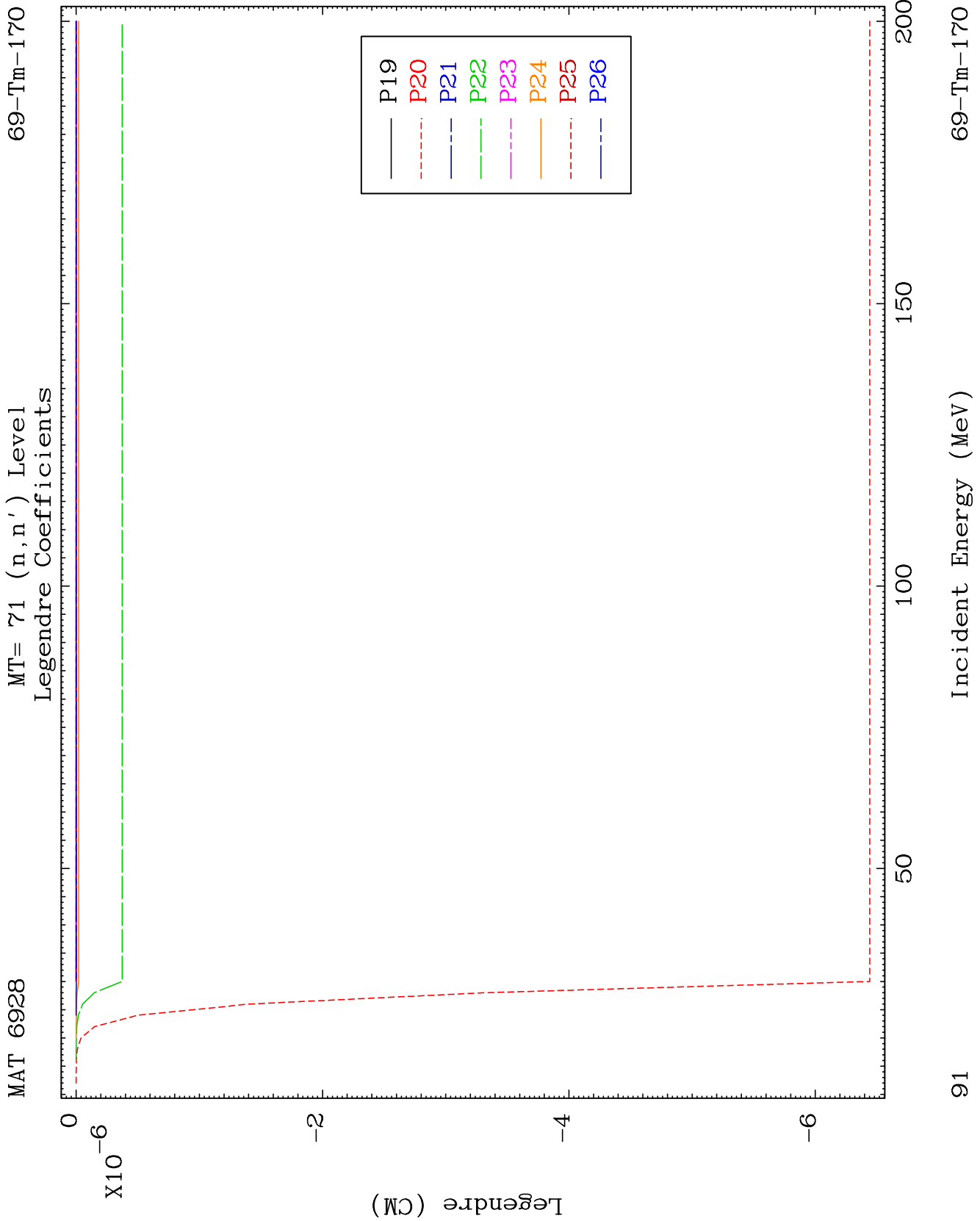


MAT 6928

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

69-Tm-170

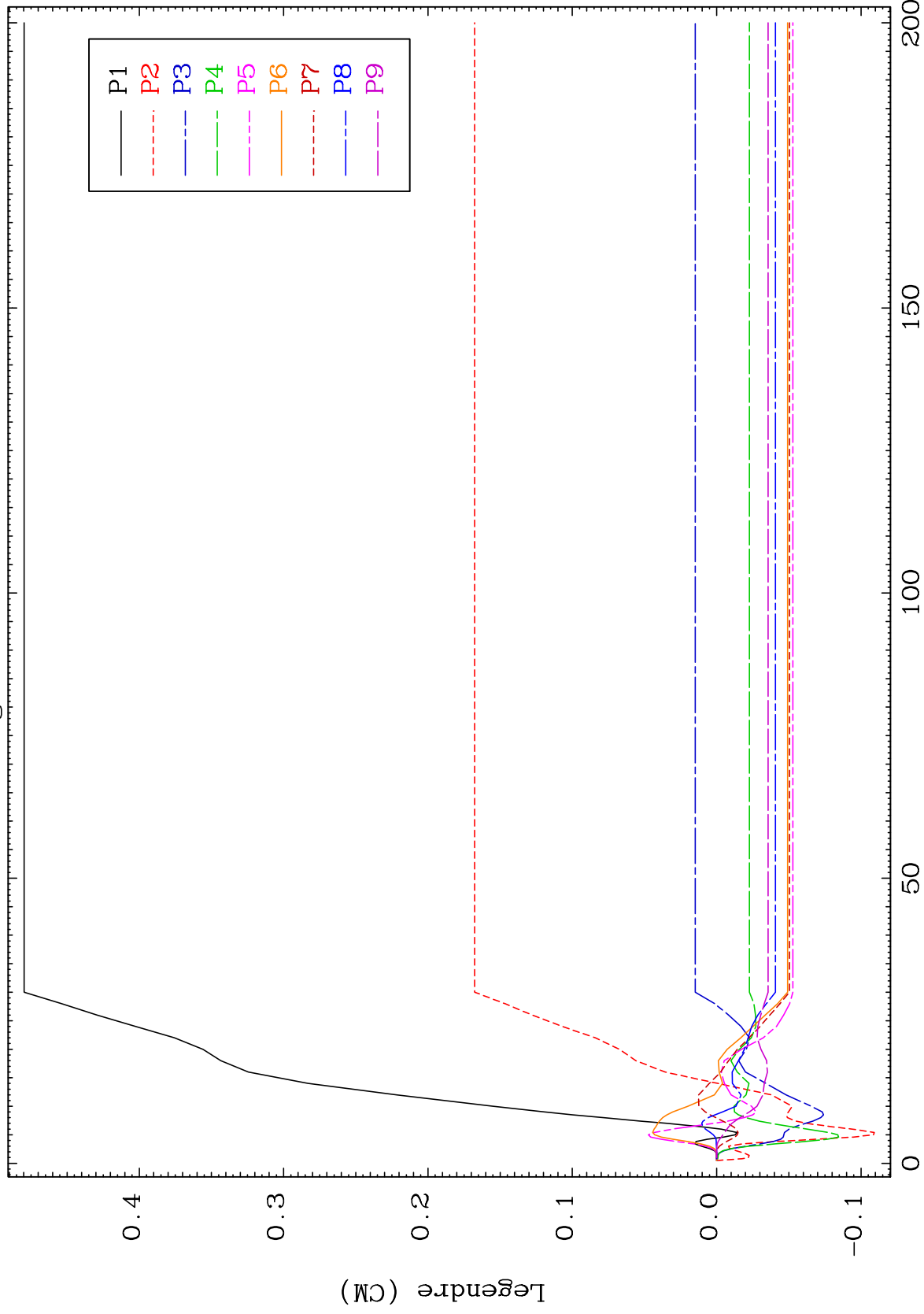




MAT 6928

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

69-Tm-170



92

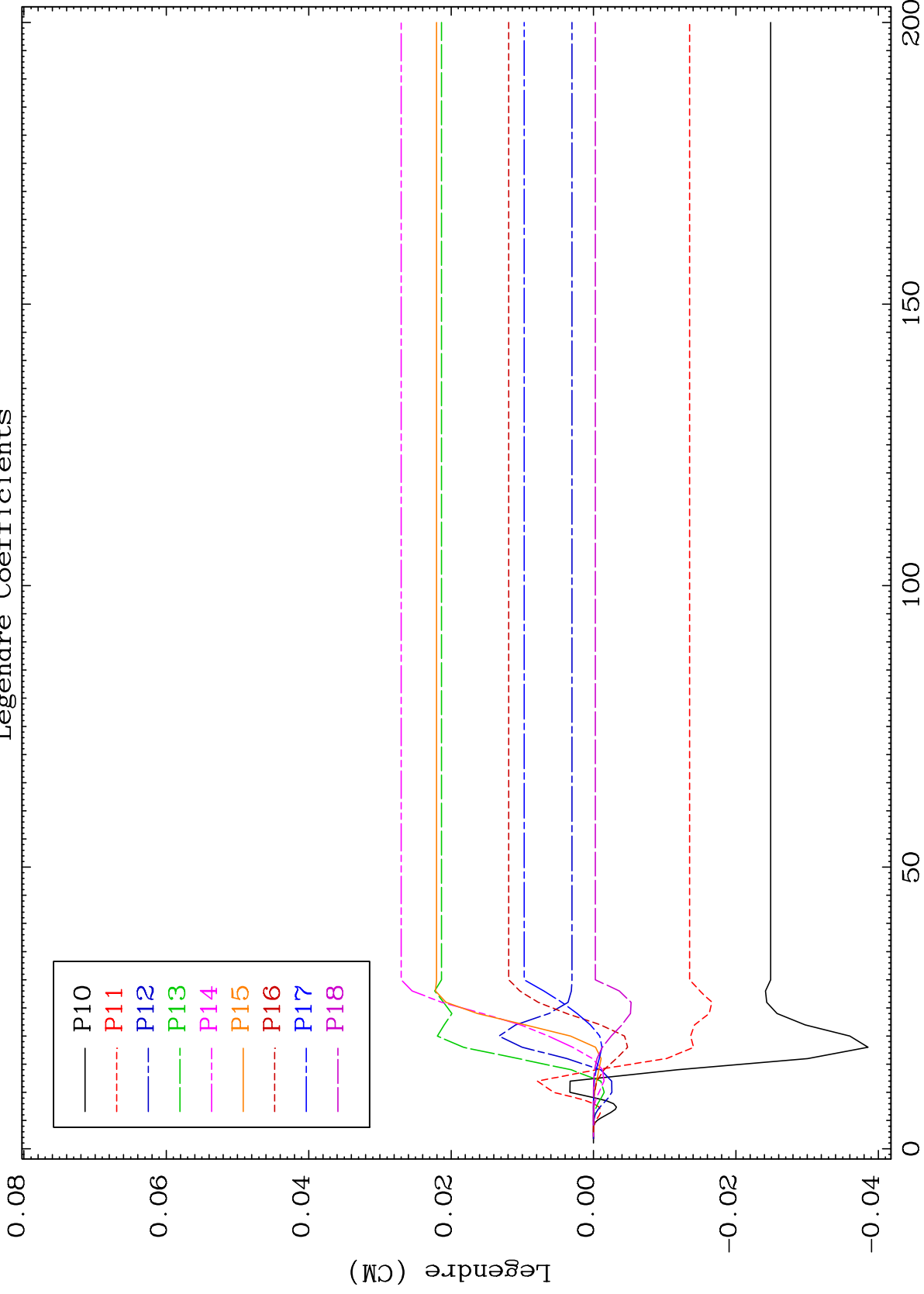
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

69-Tm-170



93

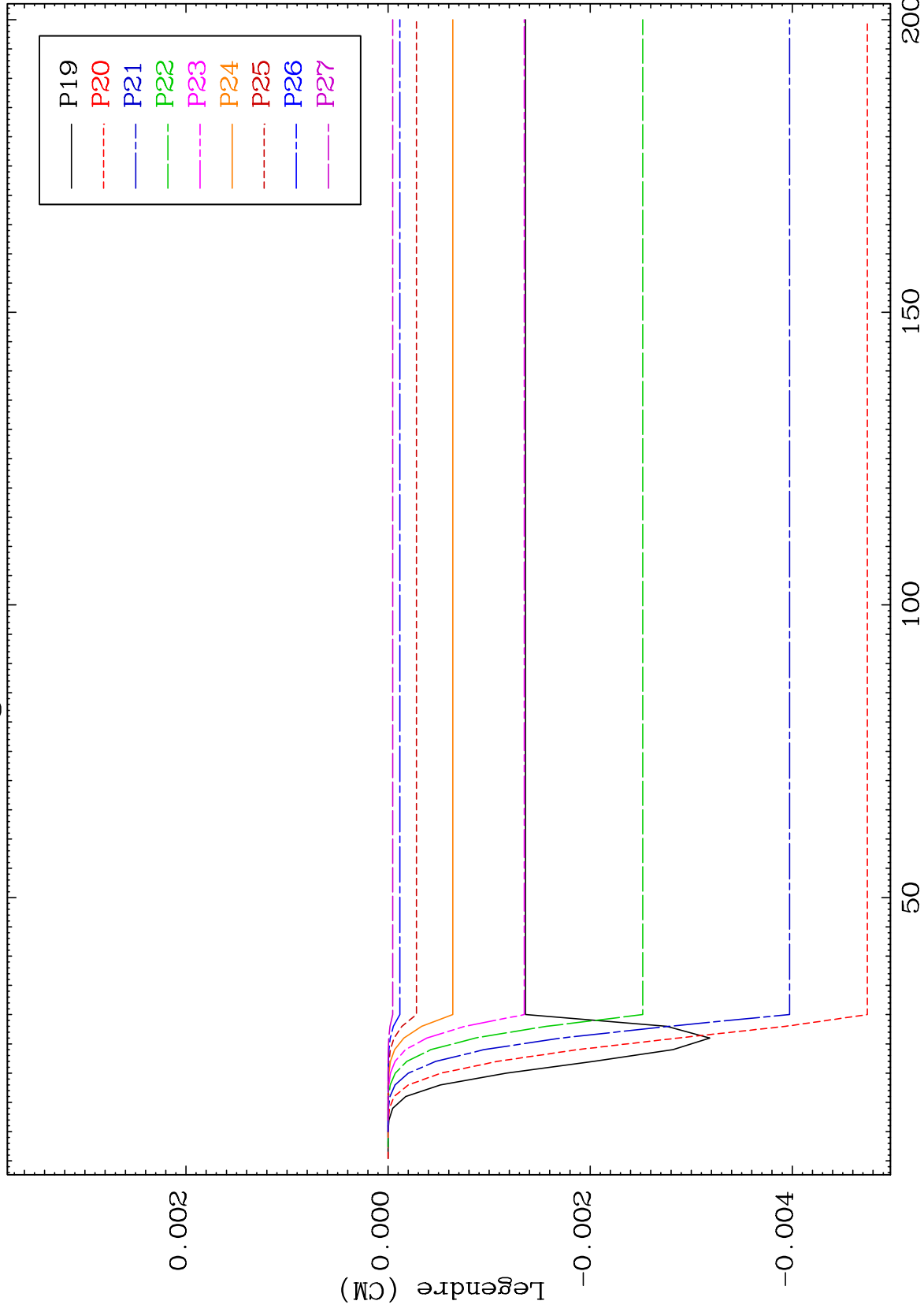
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

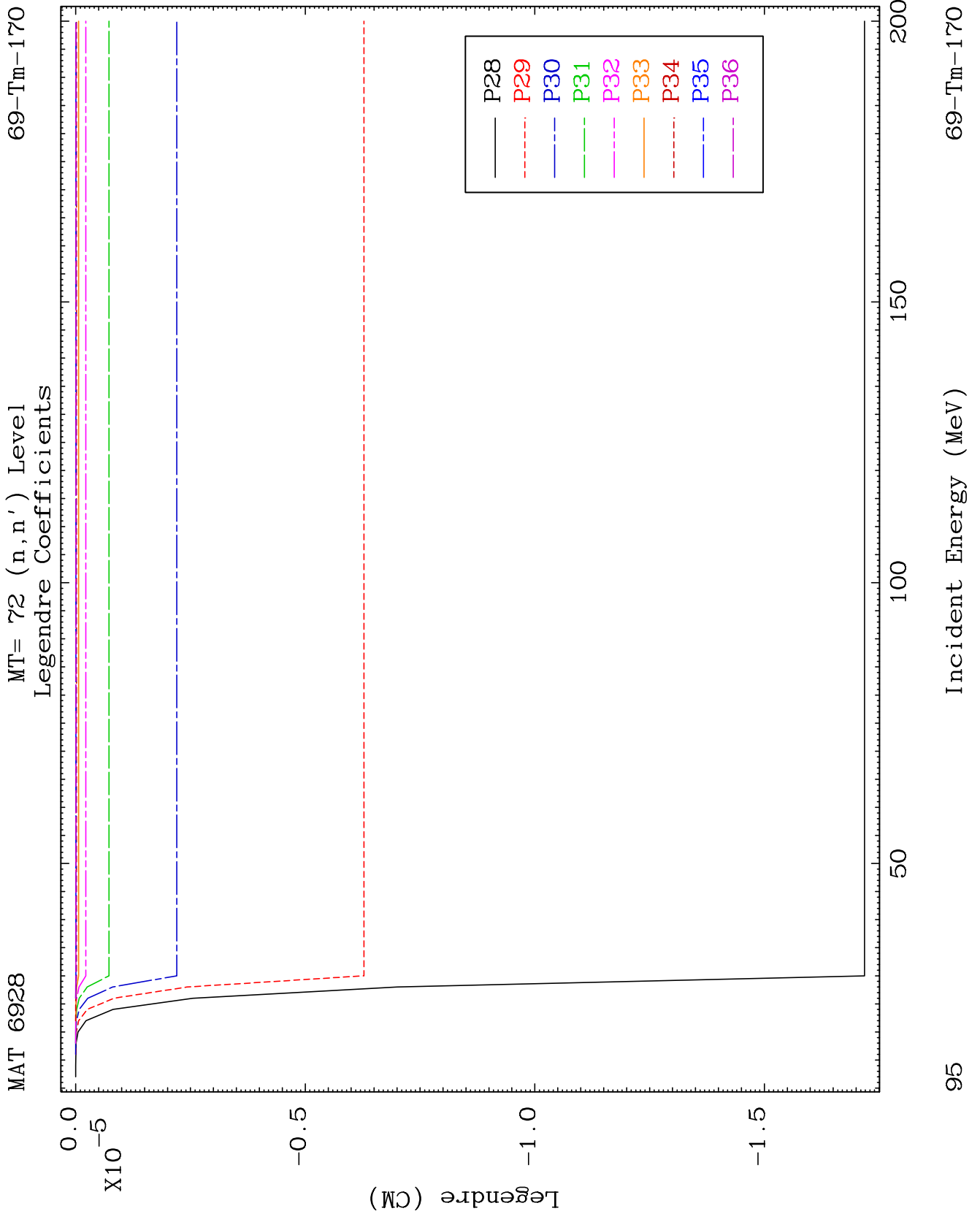
69-Tm-170



94

Incident Energy (MeV)

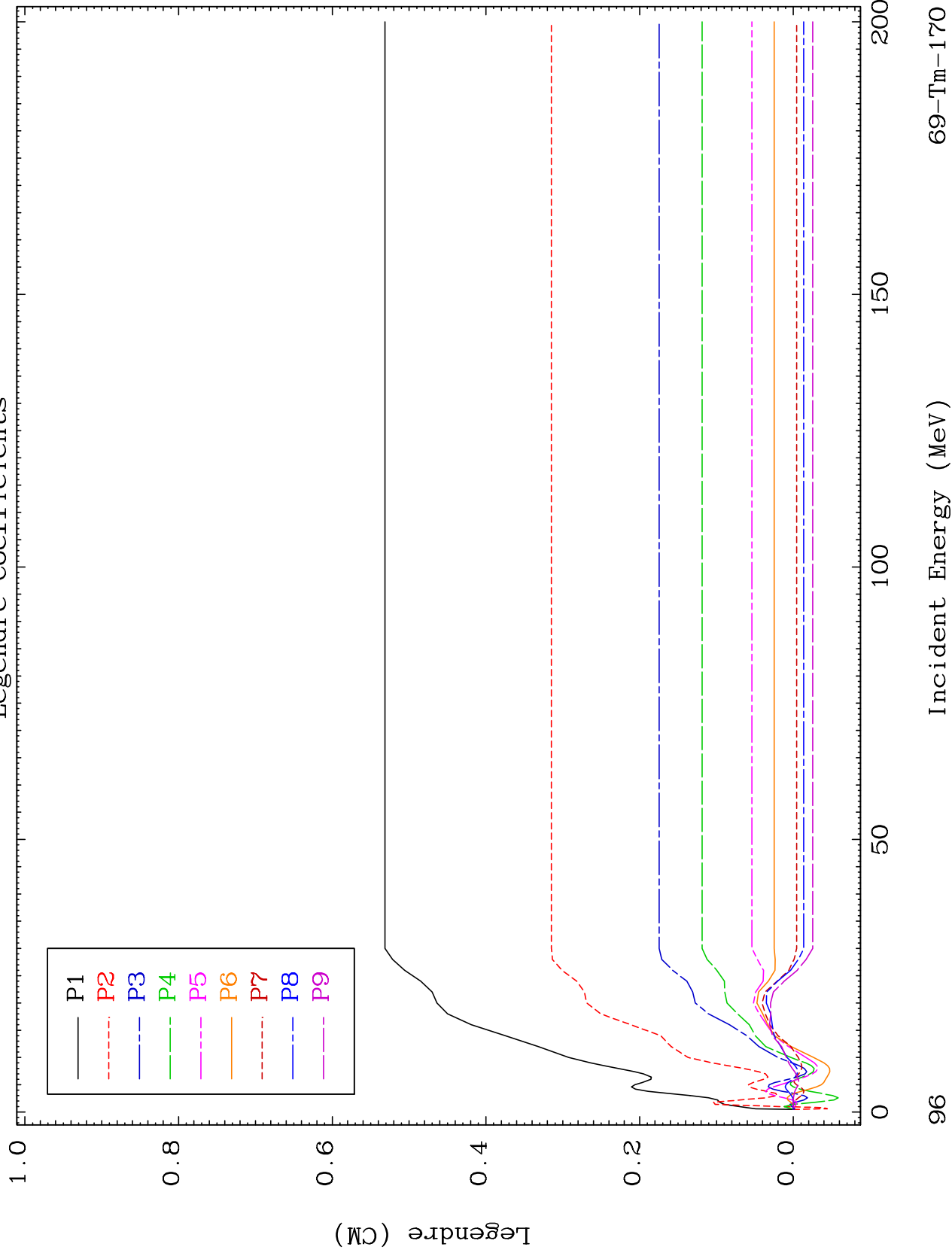
69-Tm-170



MAT 6928

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

69-Tm-170



96

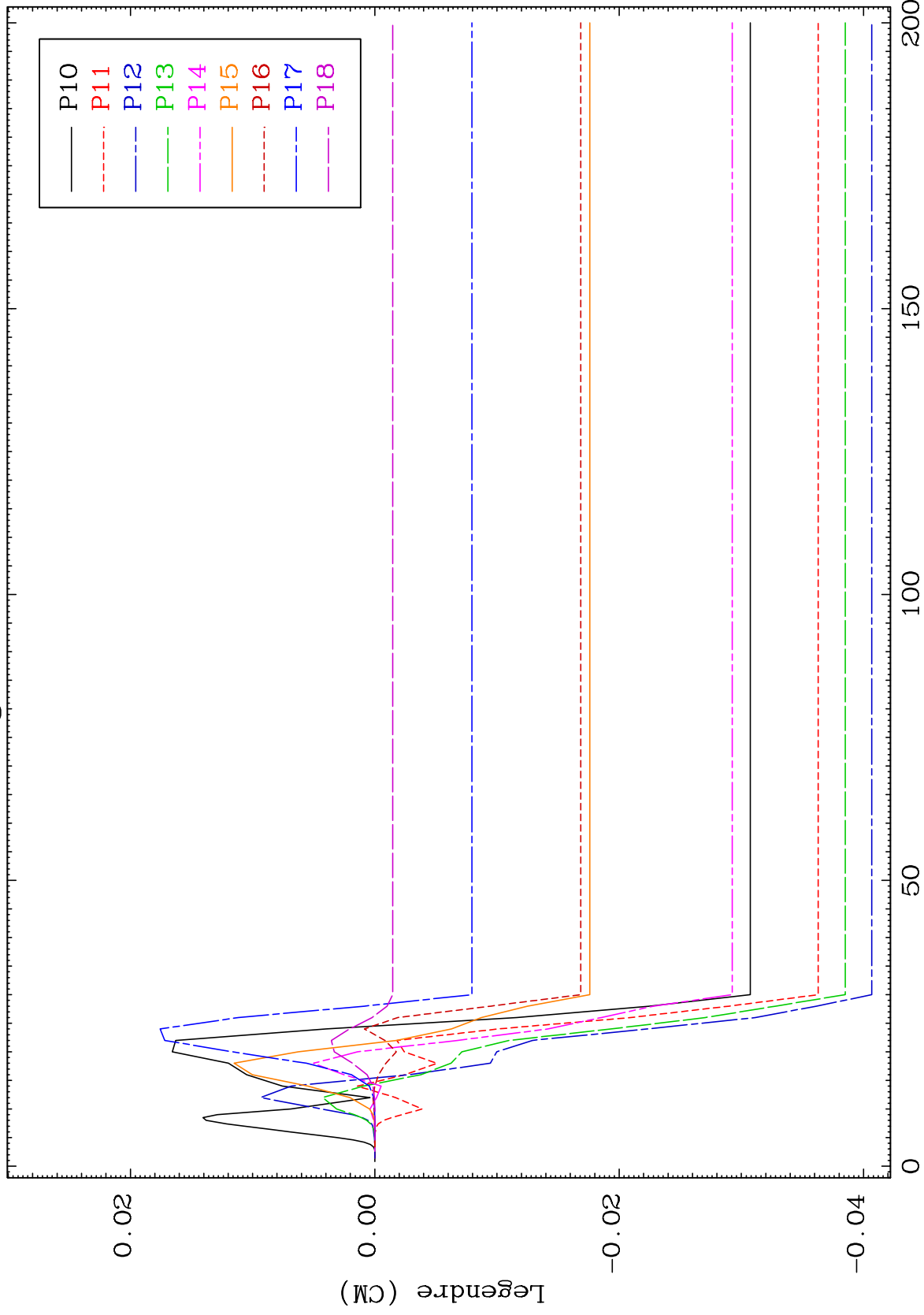
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

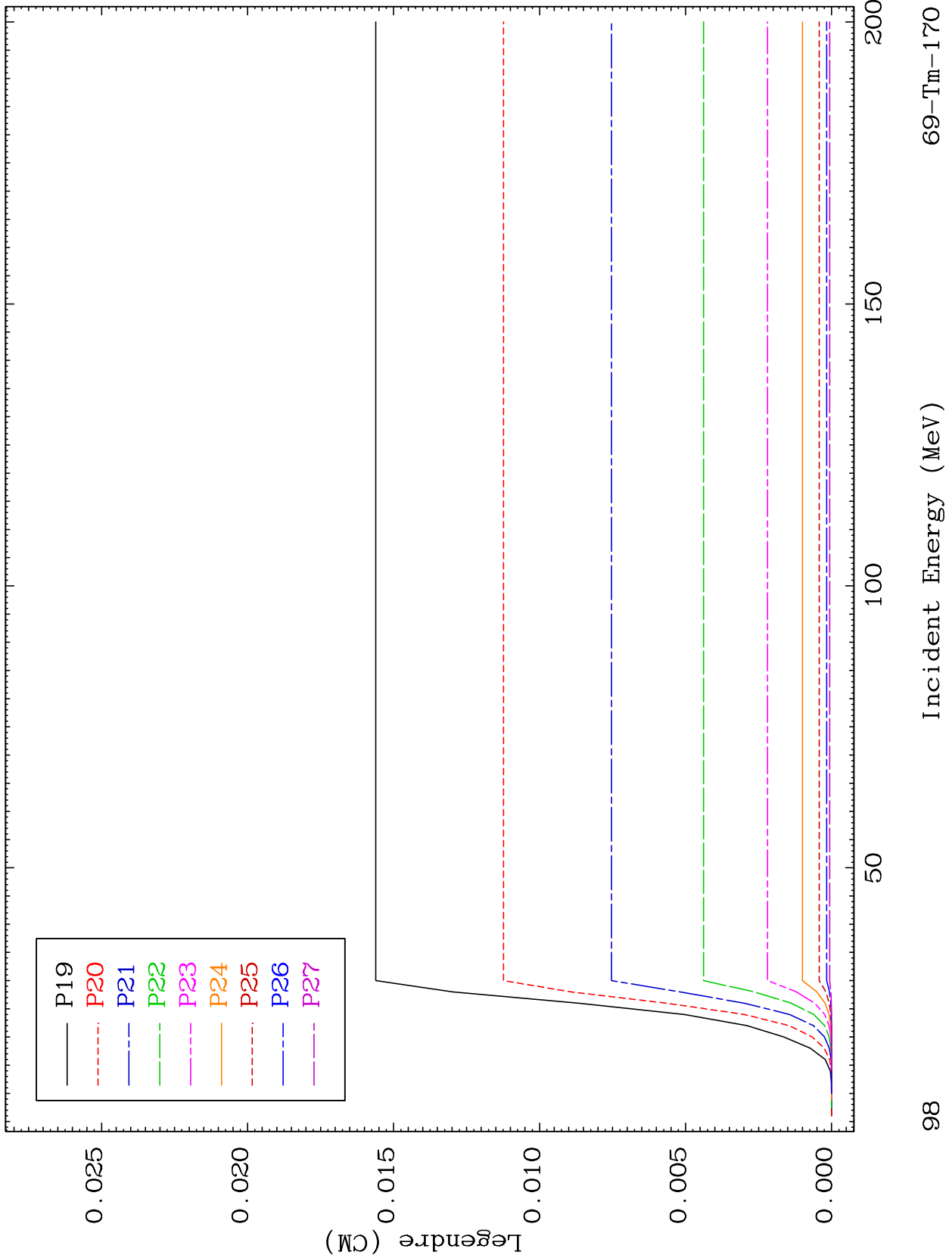
69-Tm-170



97

Incident Energy (MeV)

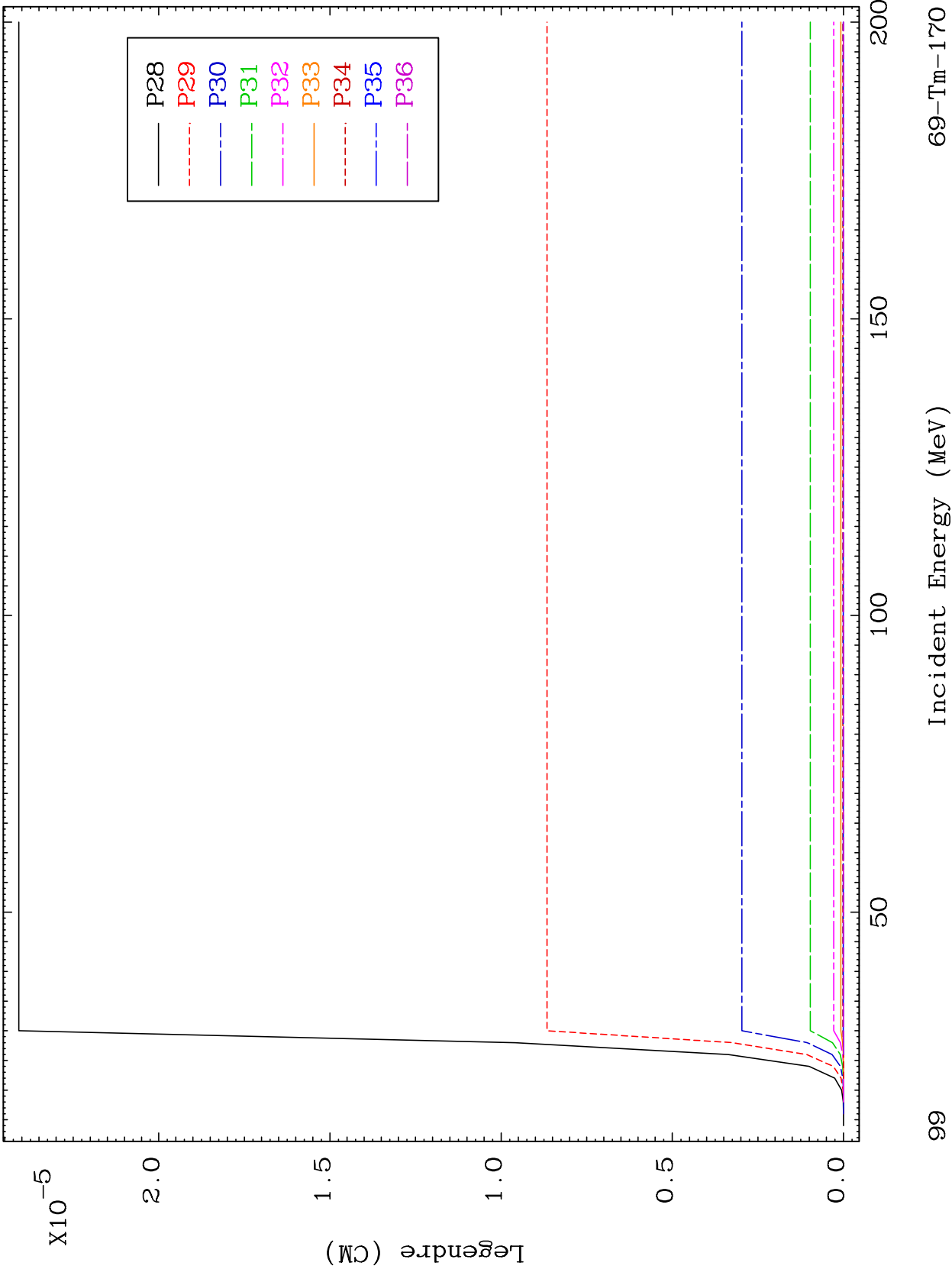
69-Tm-170



MAT 6928

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

69-Tm-170

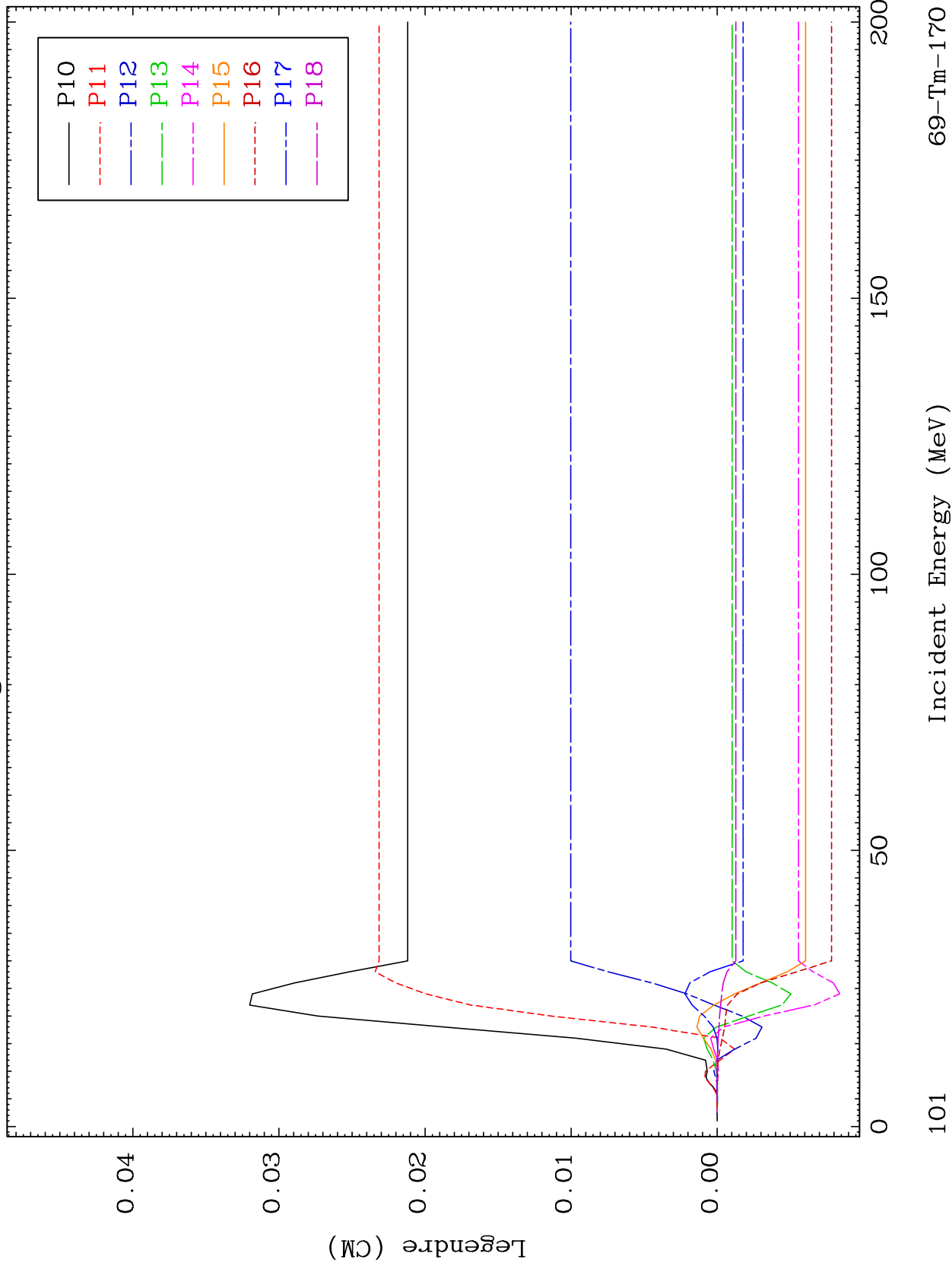


99

MAT 6928

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

69-Tm-170



101

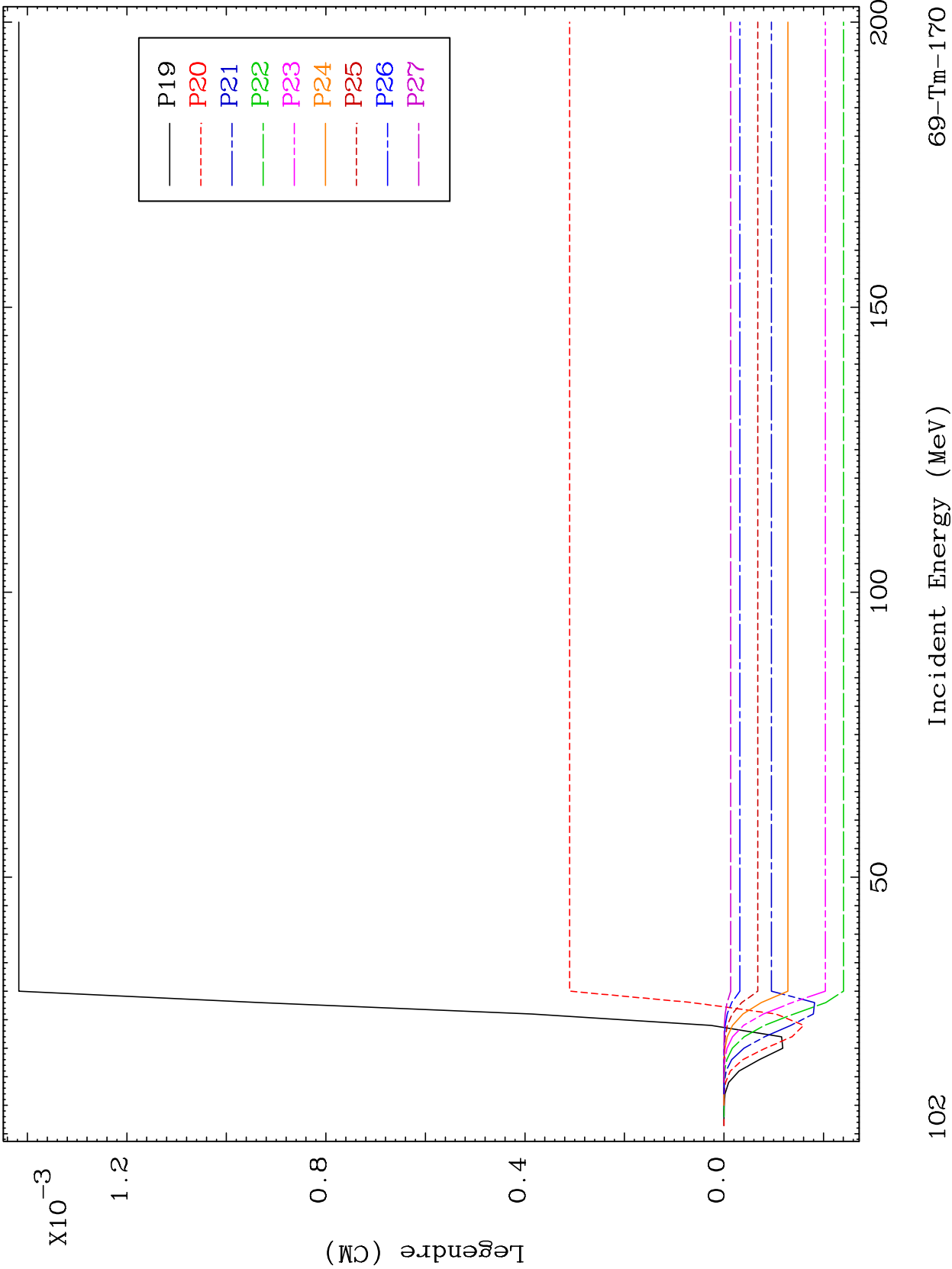
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

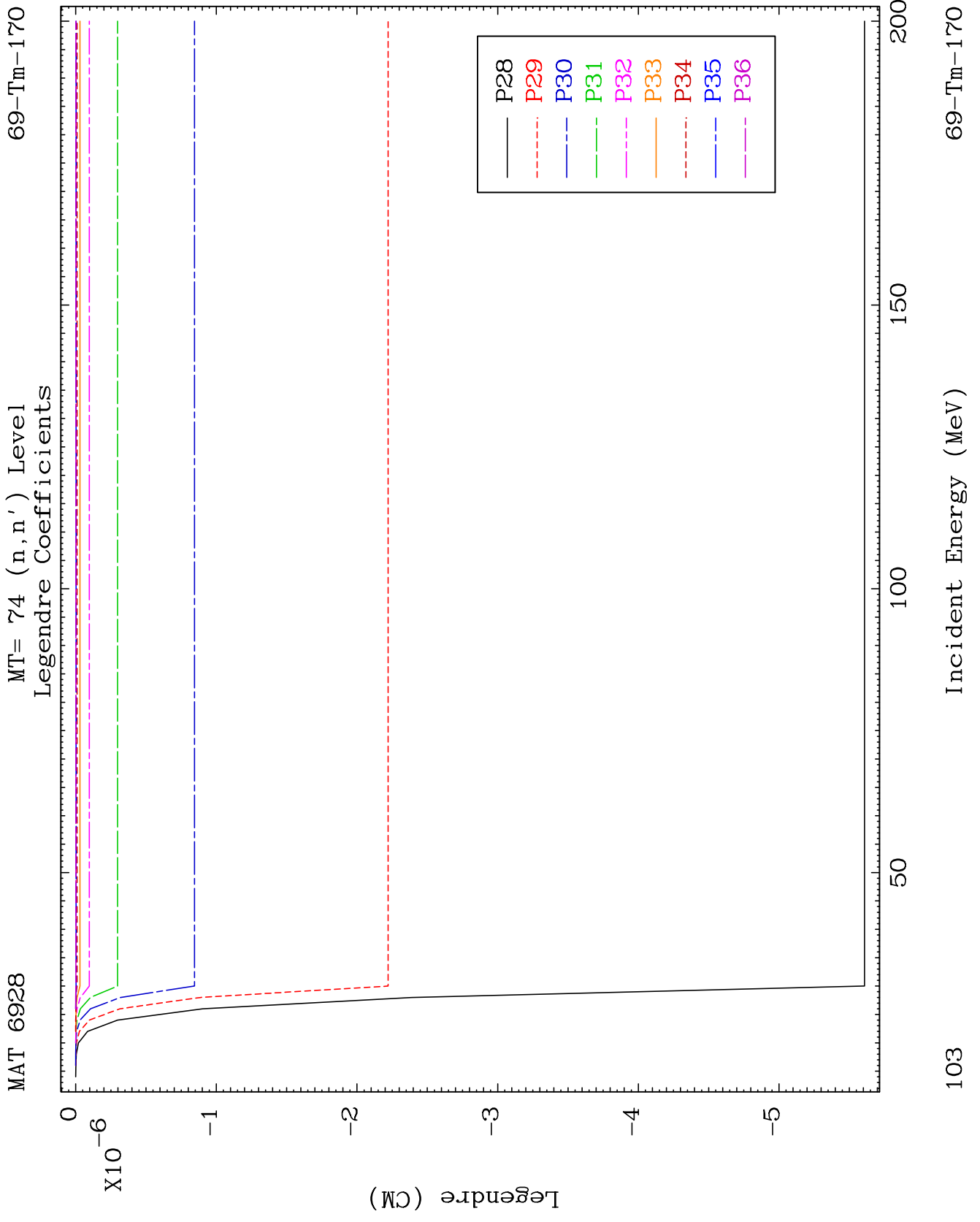
69-Tm-170

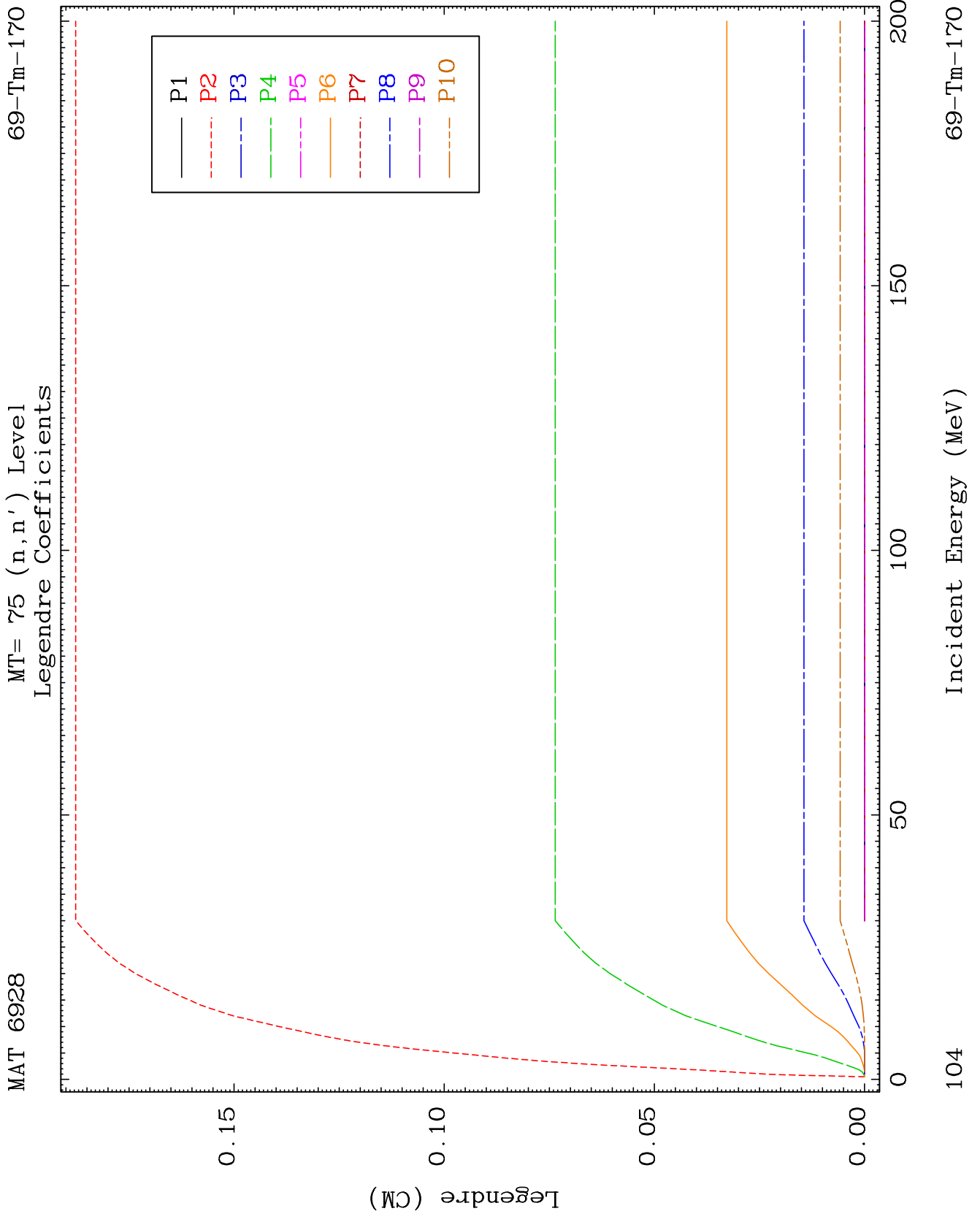


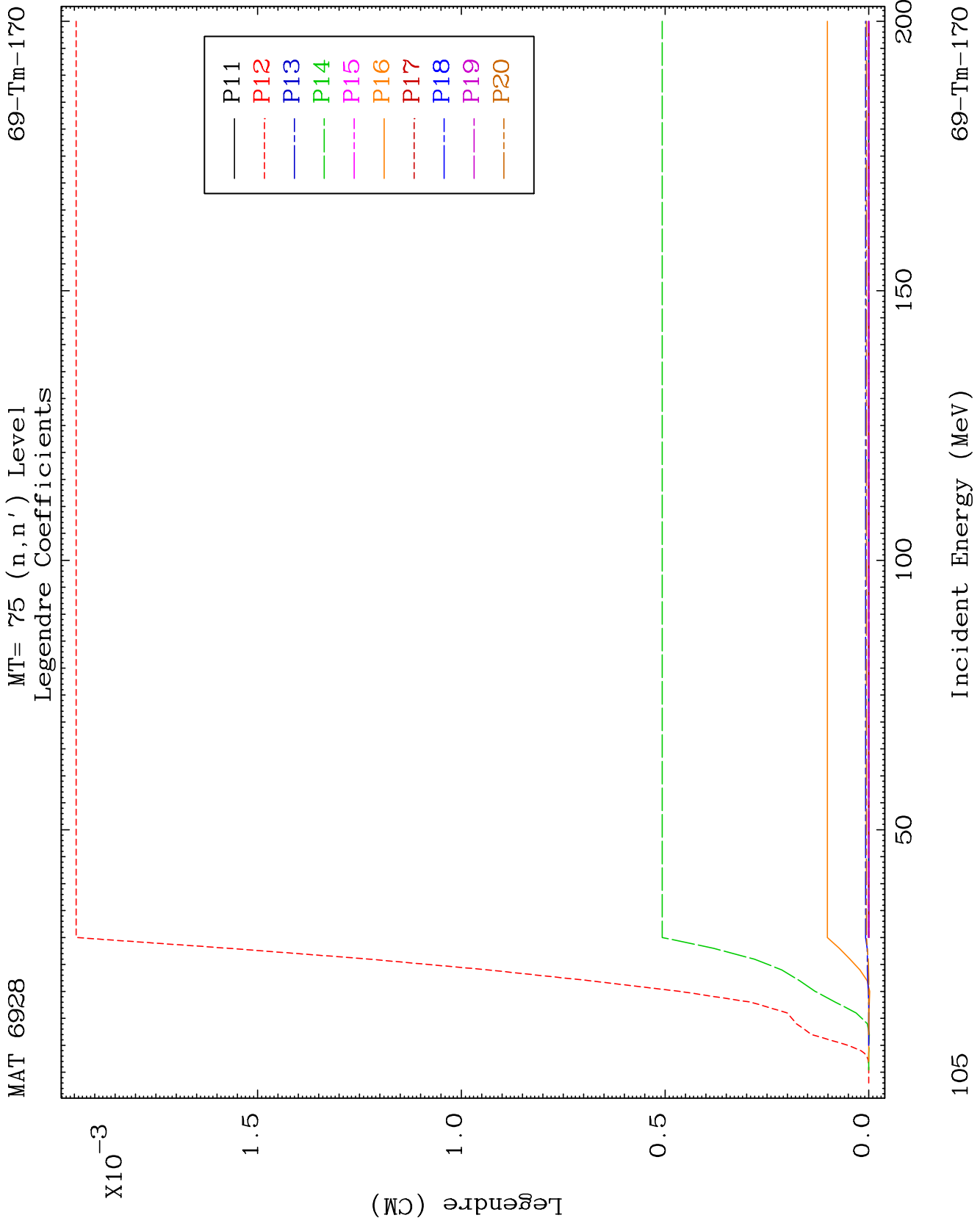
102

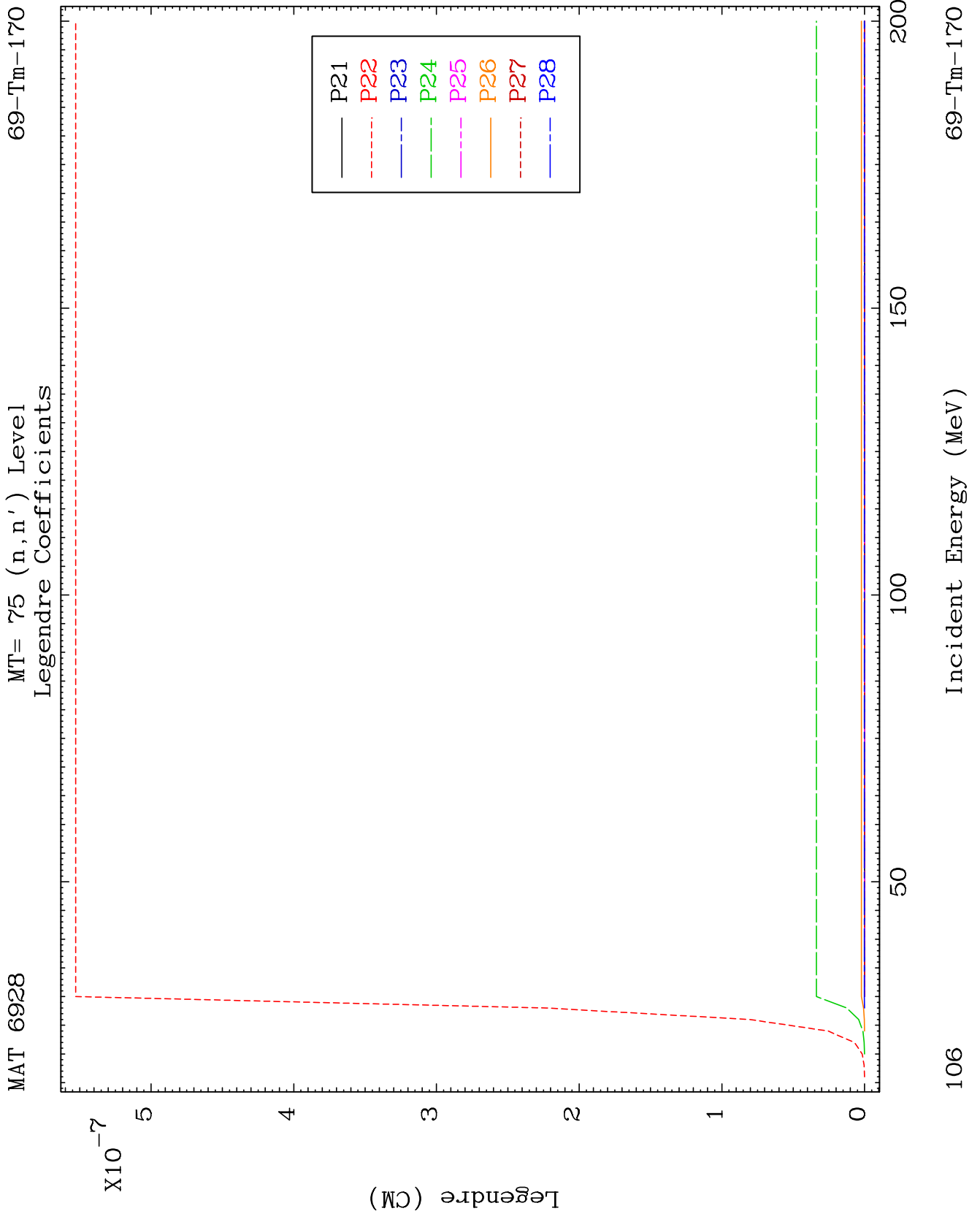
Incident Energy (MeV)

69-Tm-170





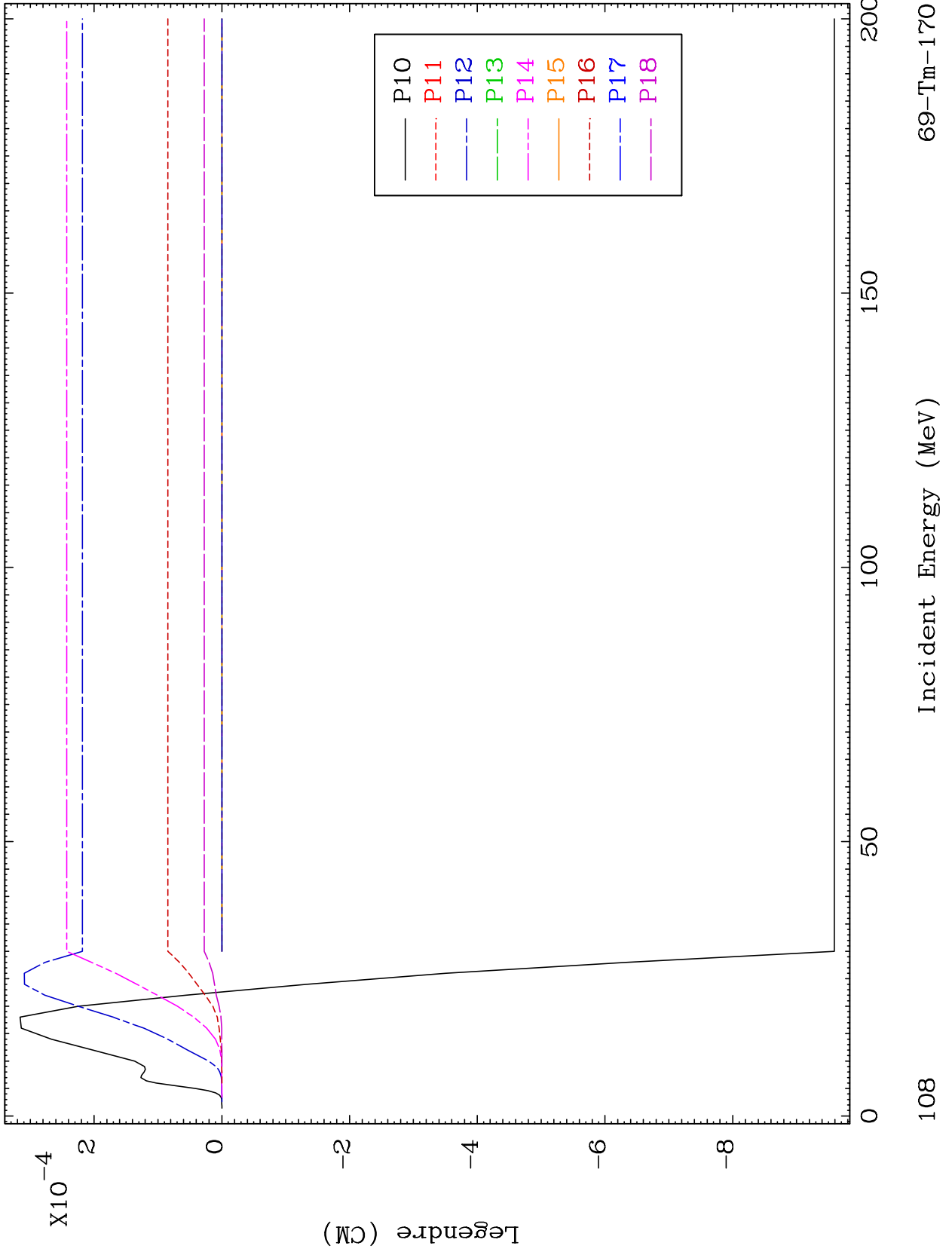




MAT 6928

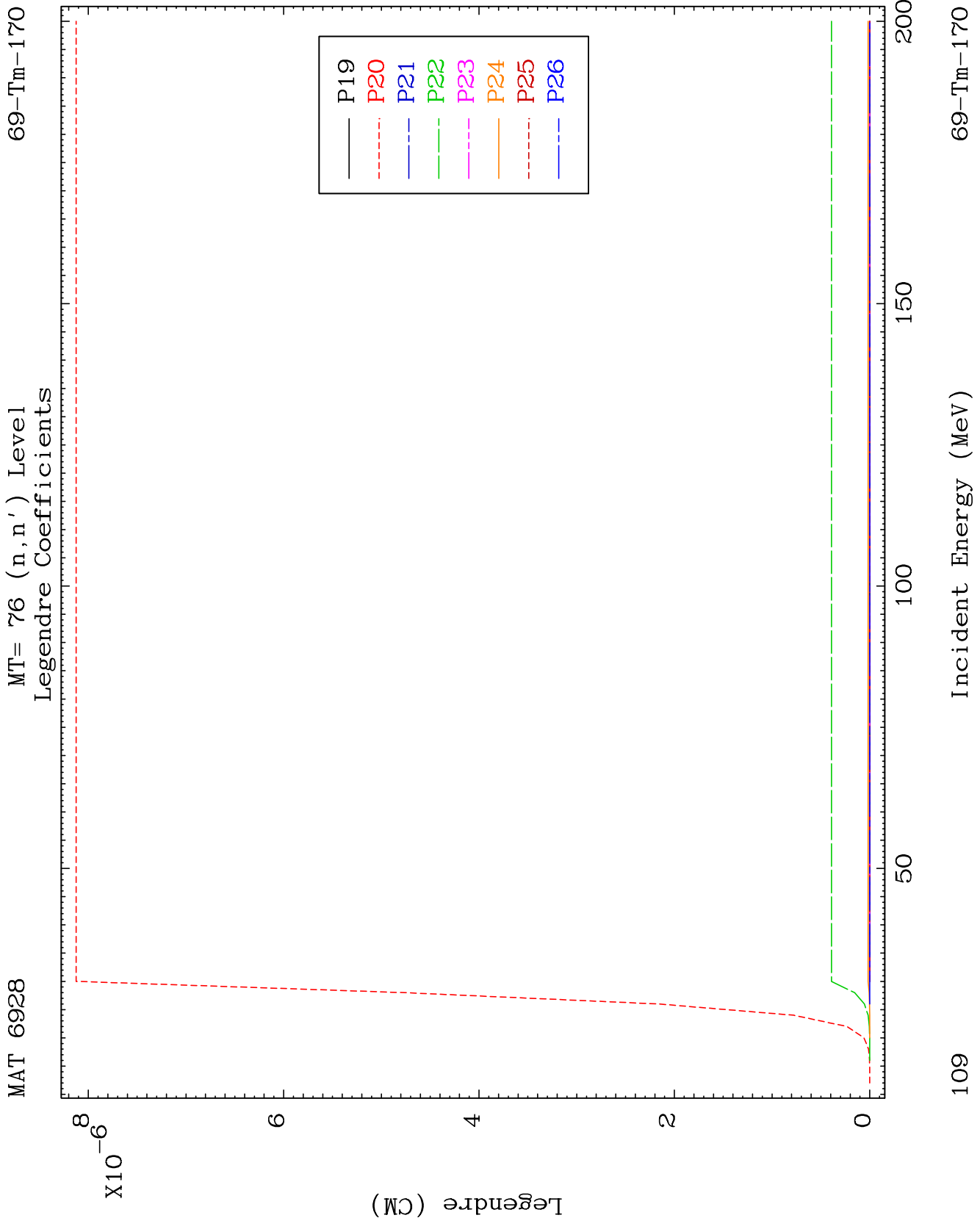
MT= 76 (n,n') Level
Legendre Coefficients

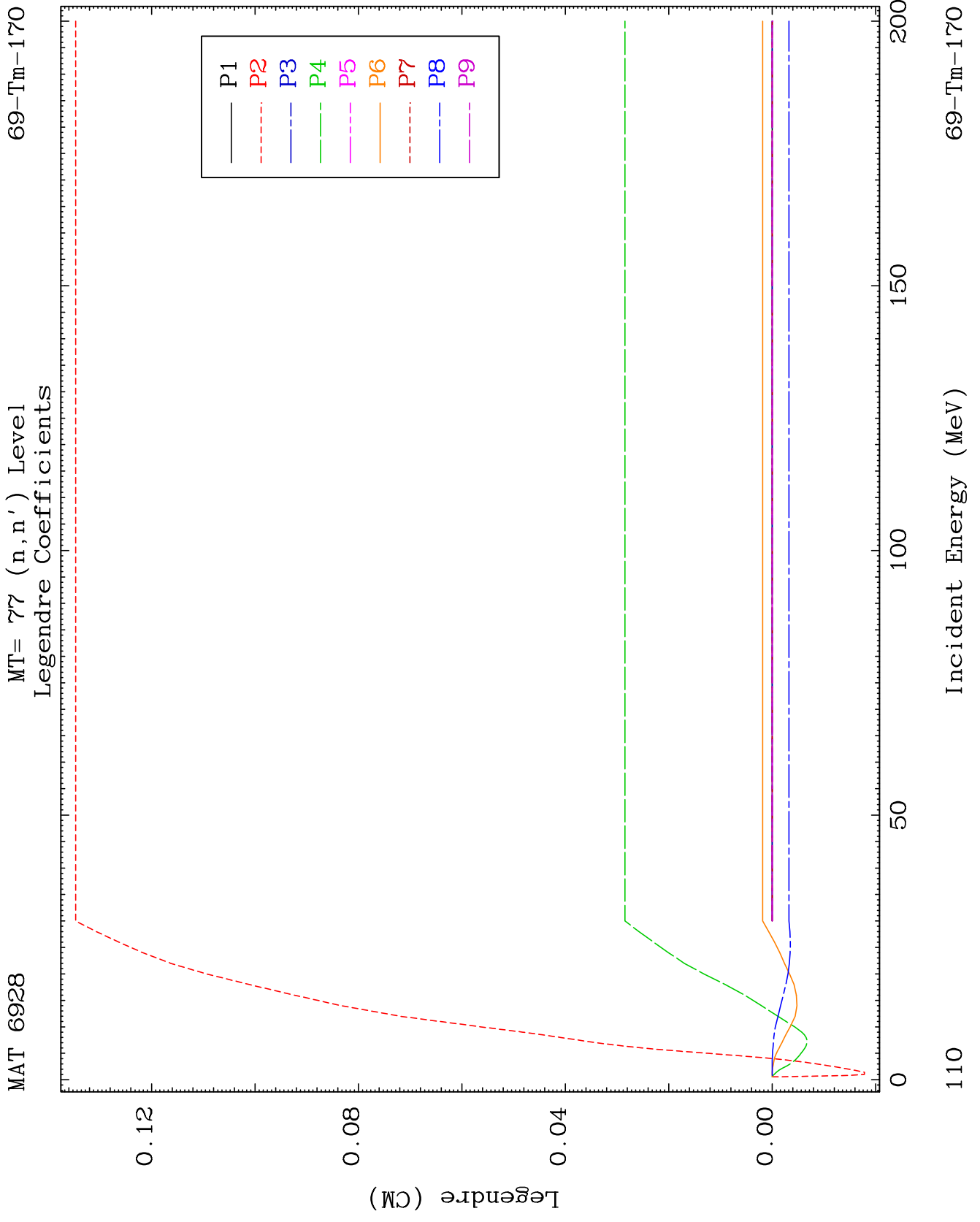
69-Tm-170



108

69-Tm-170

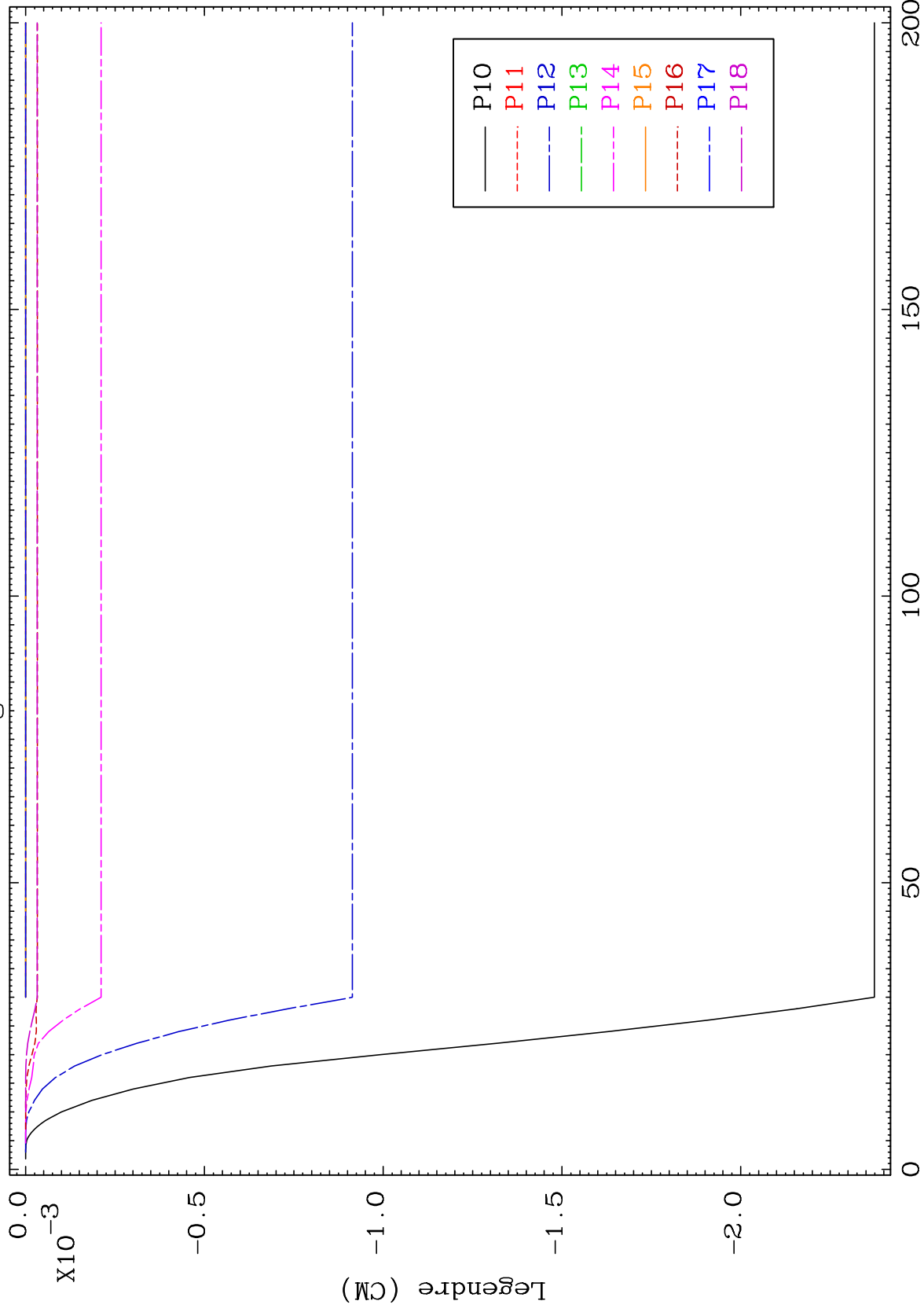




MAT 6928

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

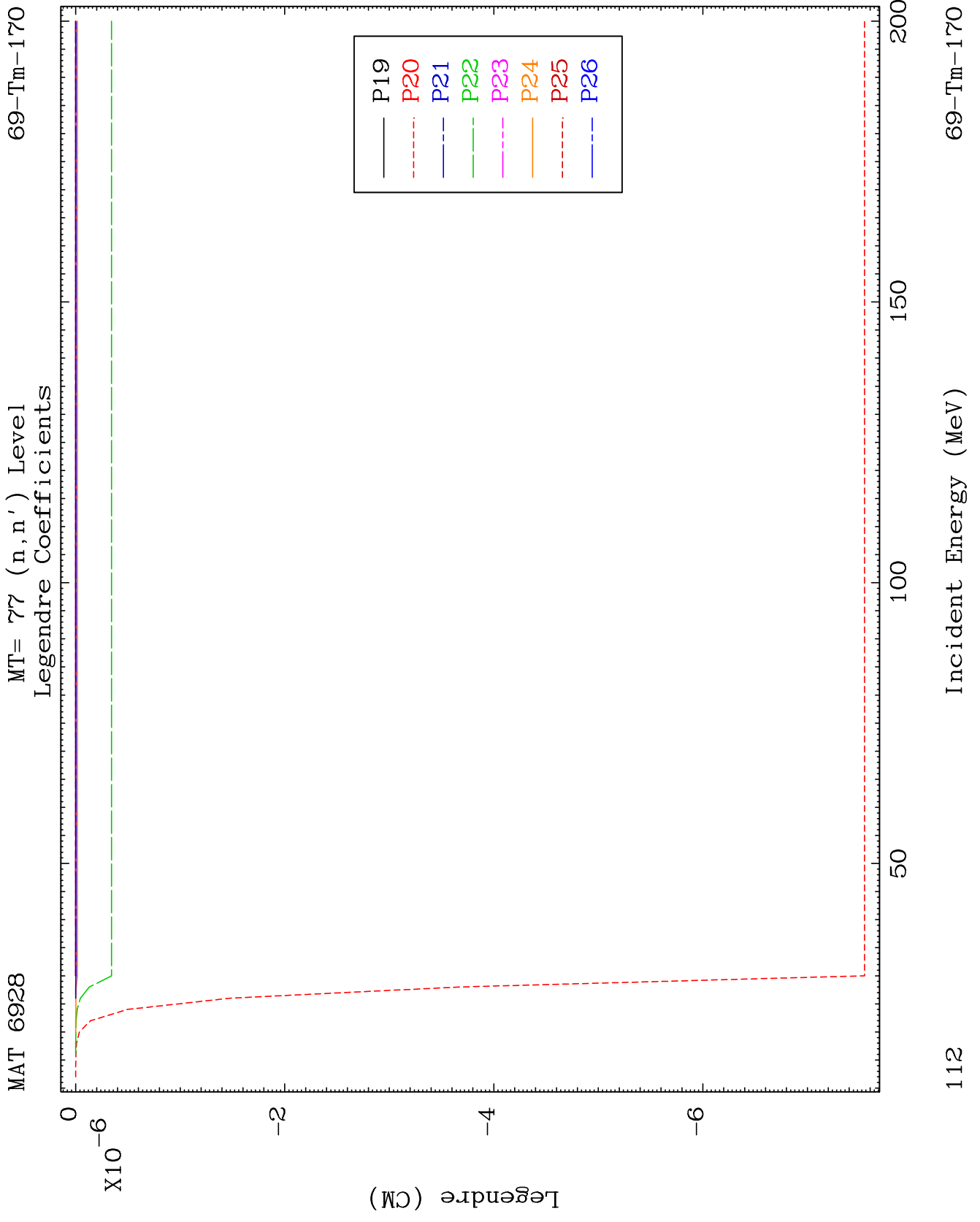
69-Tm-170



111

Incident Energy (MeV)

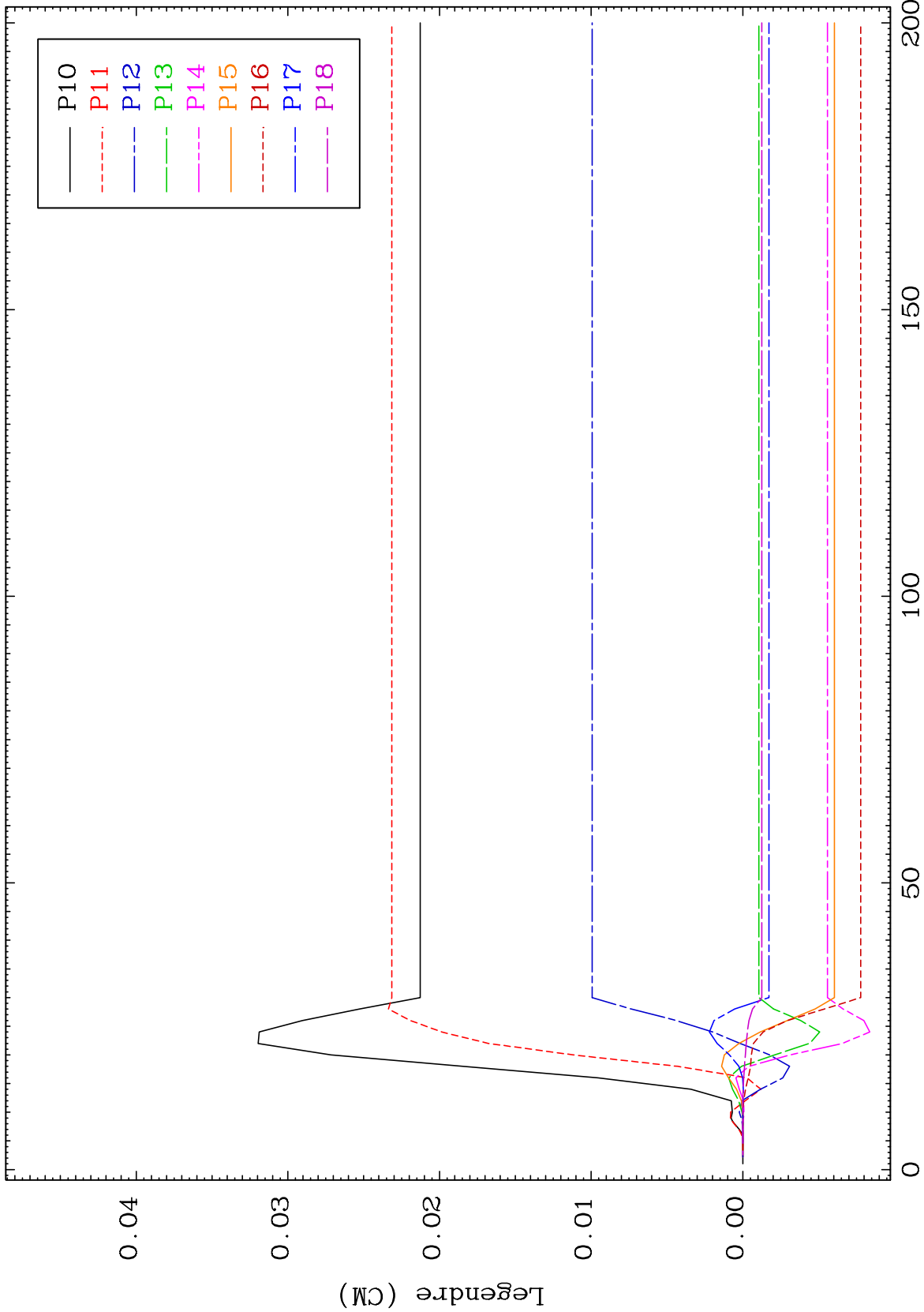
69-Tm-170



MAT 6928

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

69-Tm-170



114

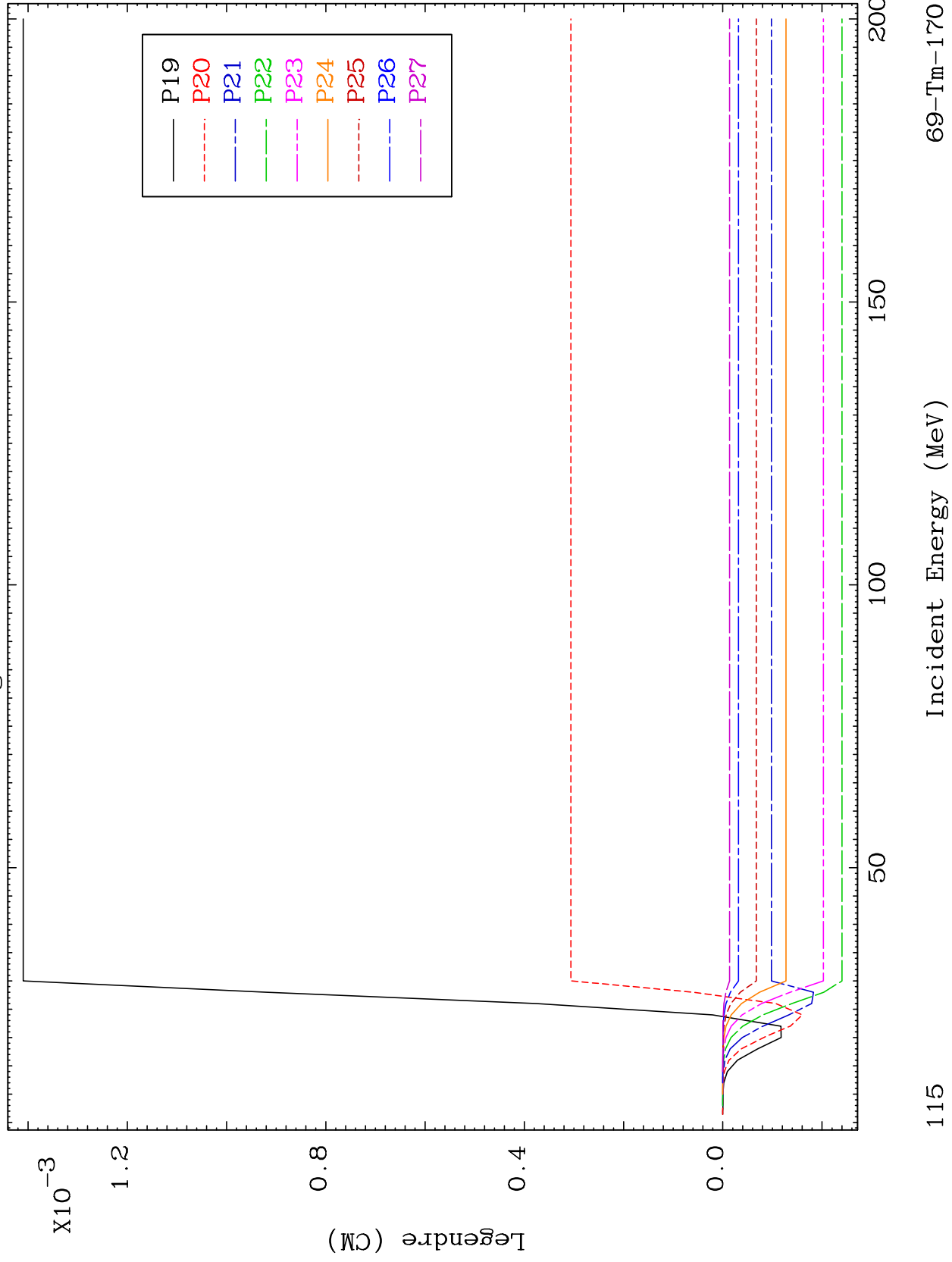
Incident Energy (MeV)

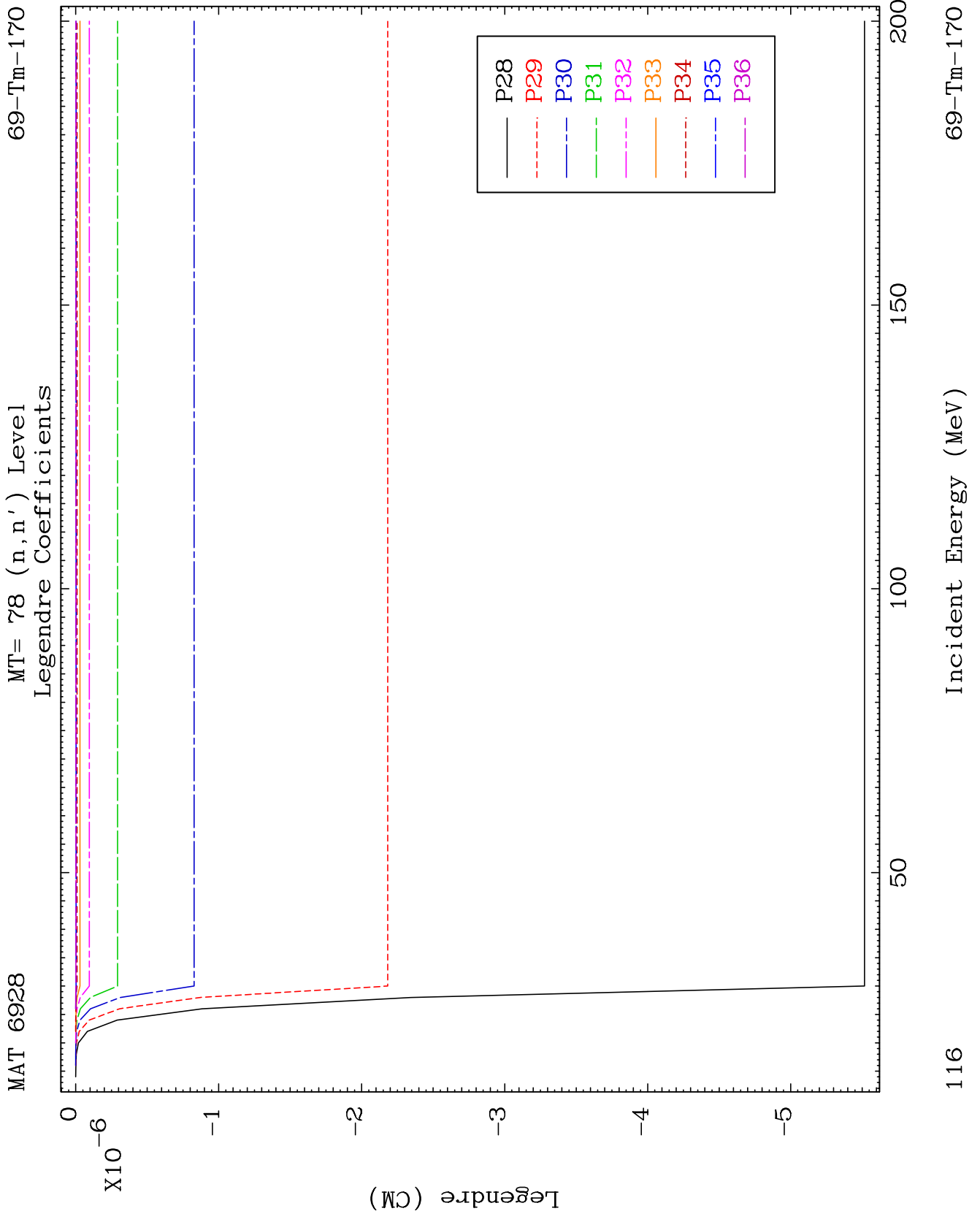
69-Tm-170

MAT 6928

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

69-Tm-170

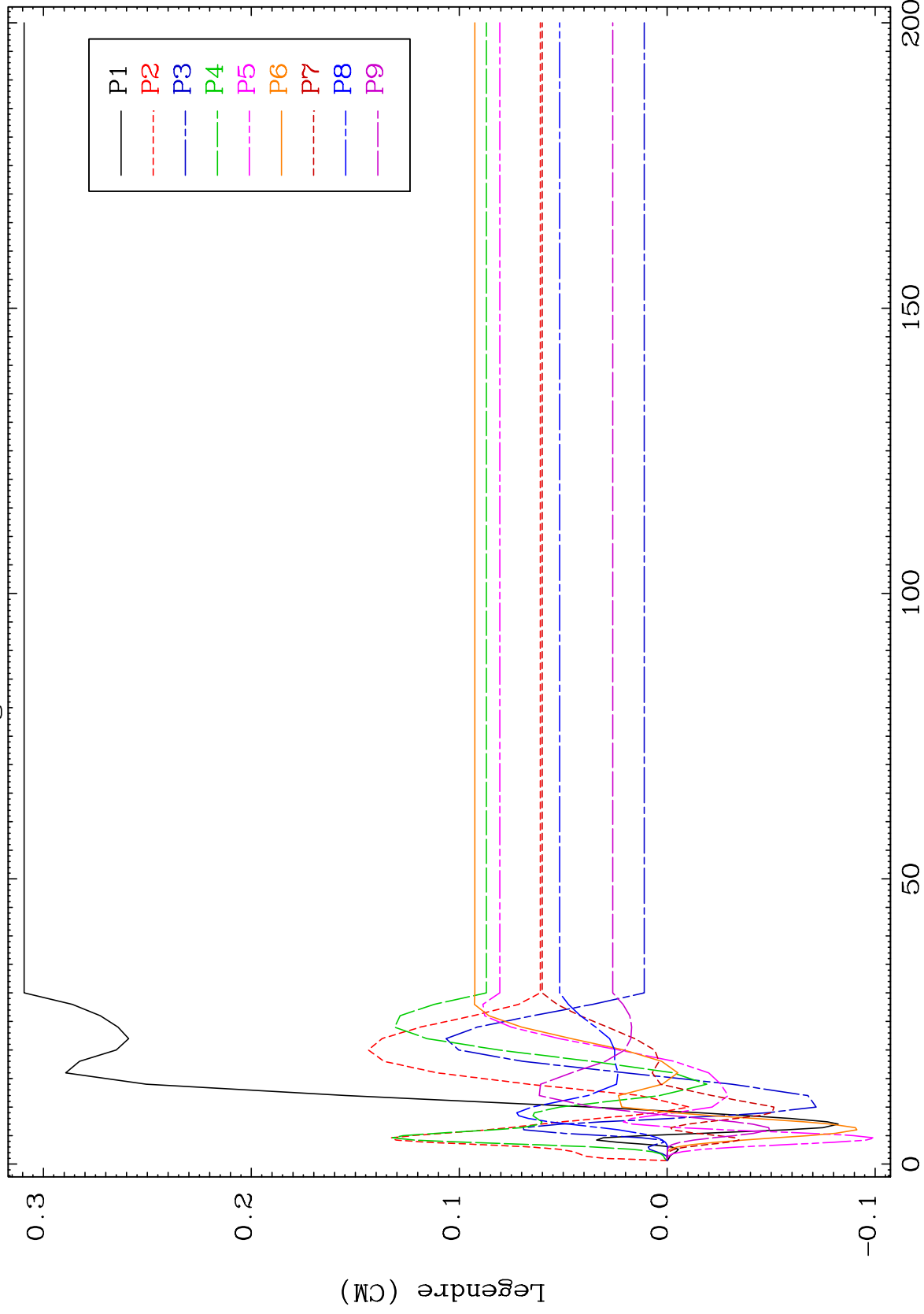




MAT 6928

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

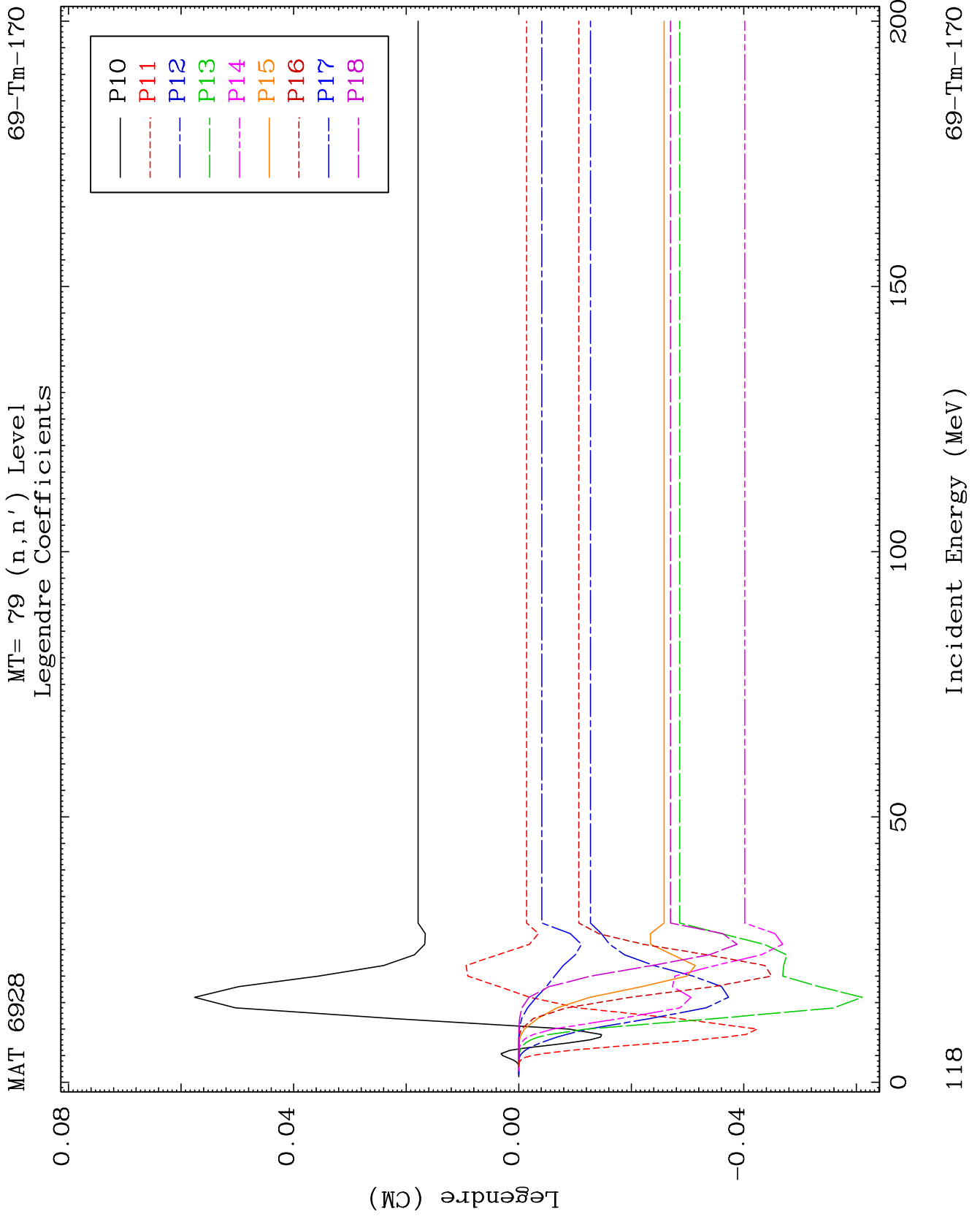
69-Tm-170

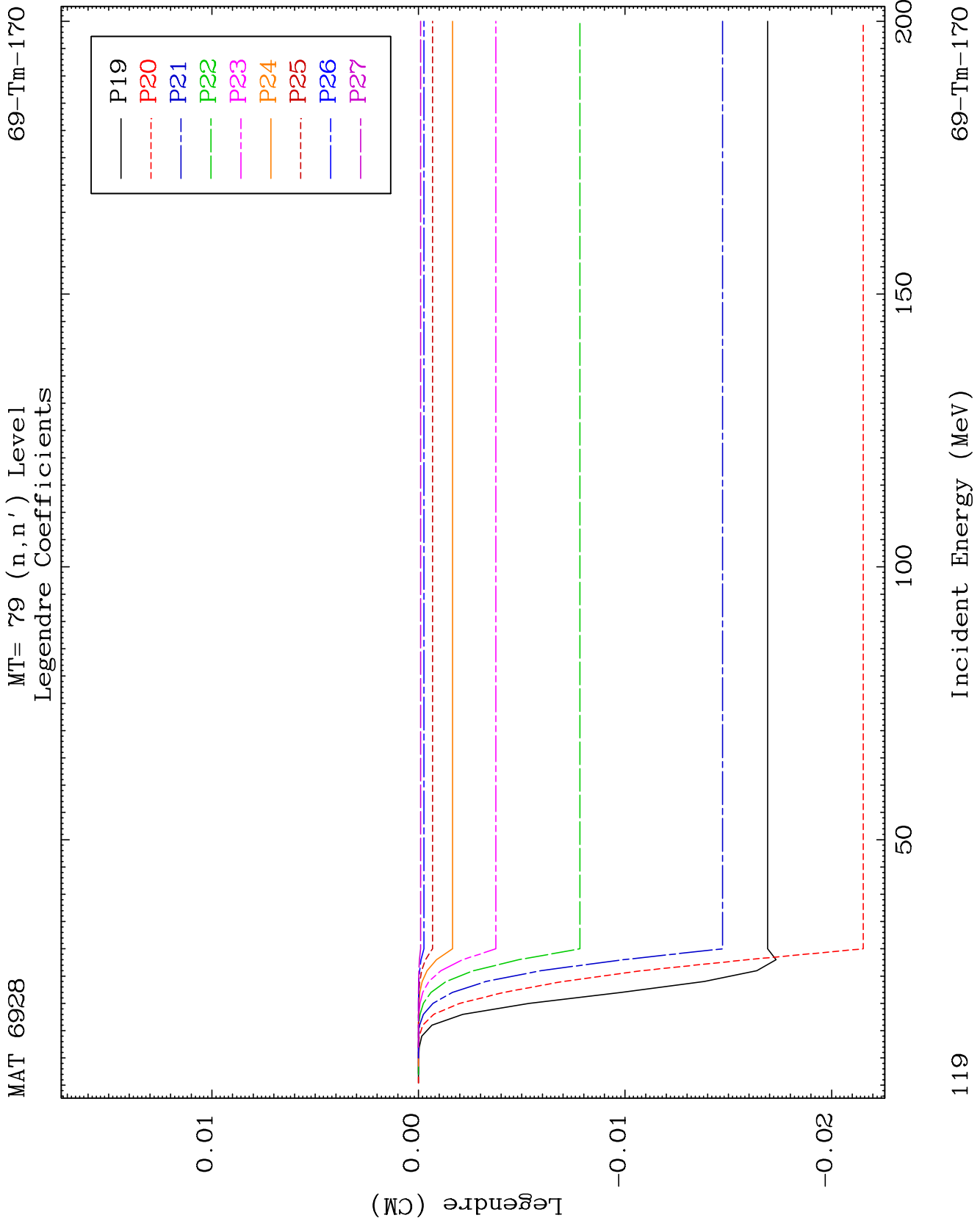


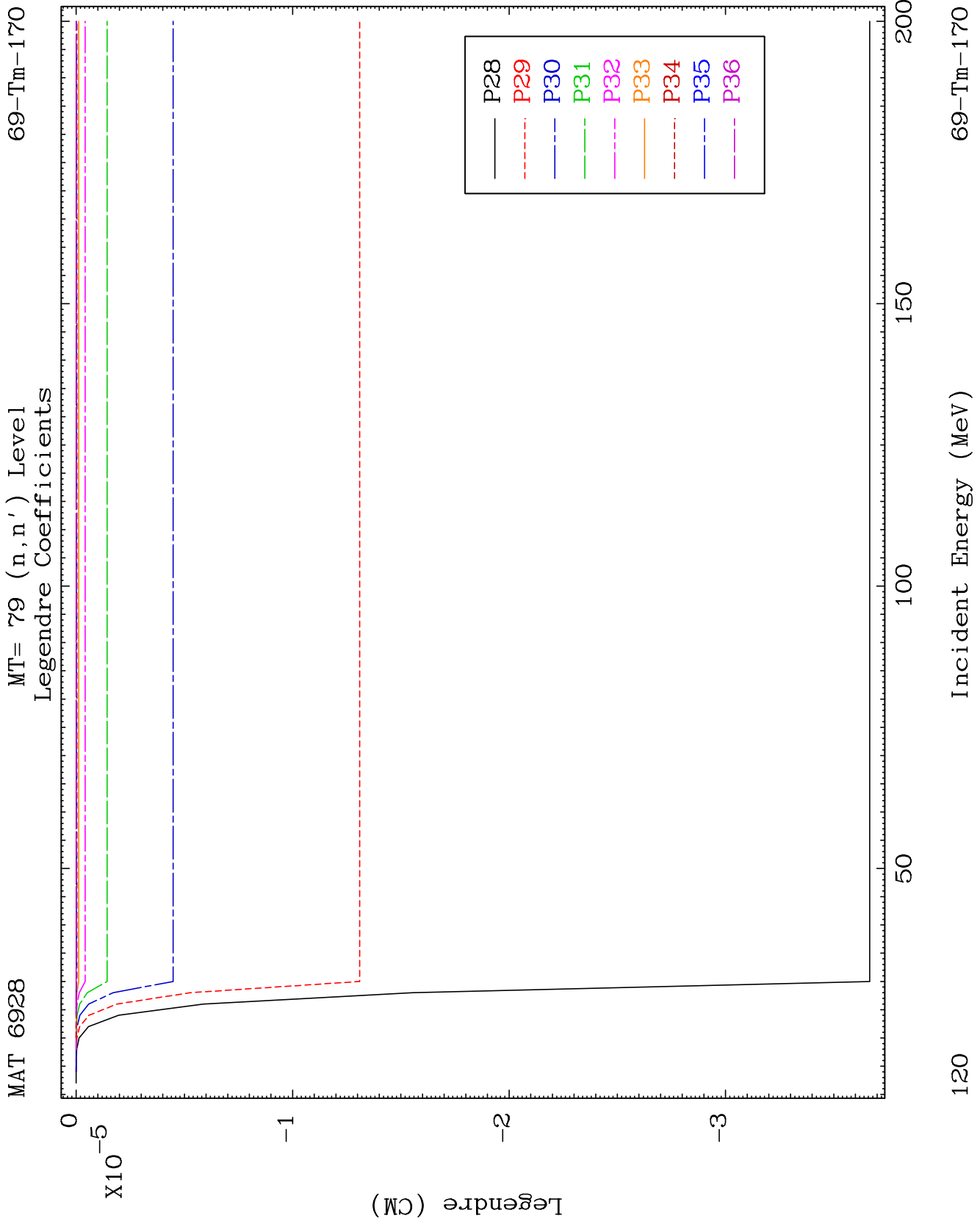
117

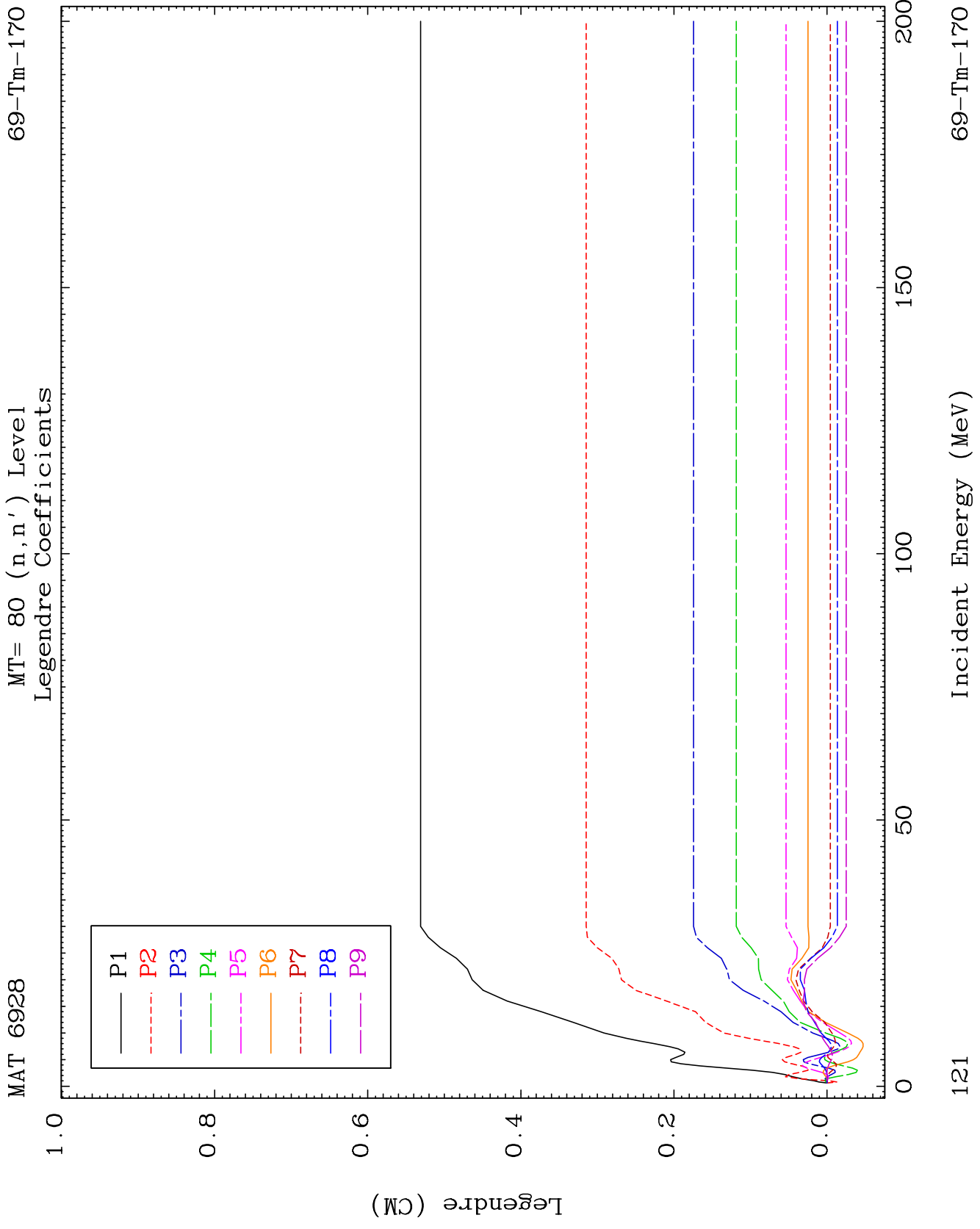
Incident Energy (MeV)

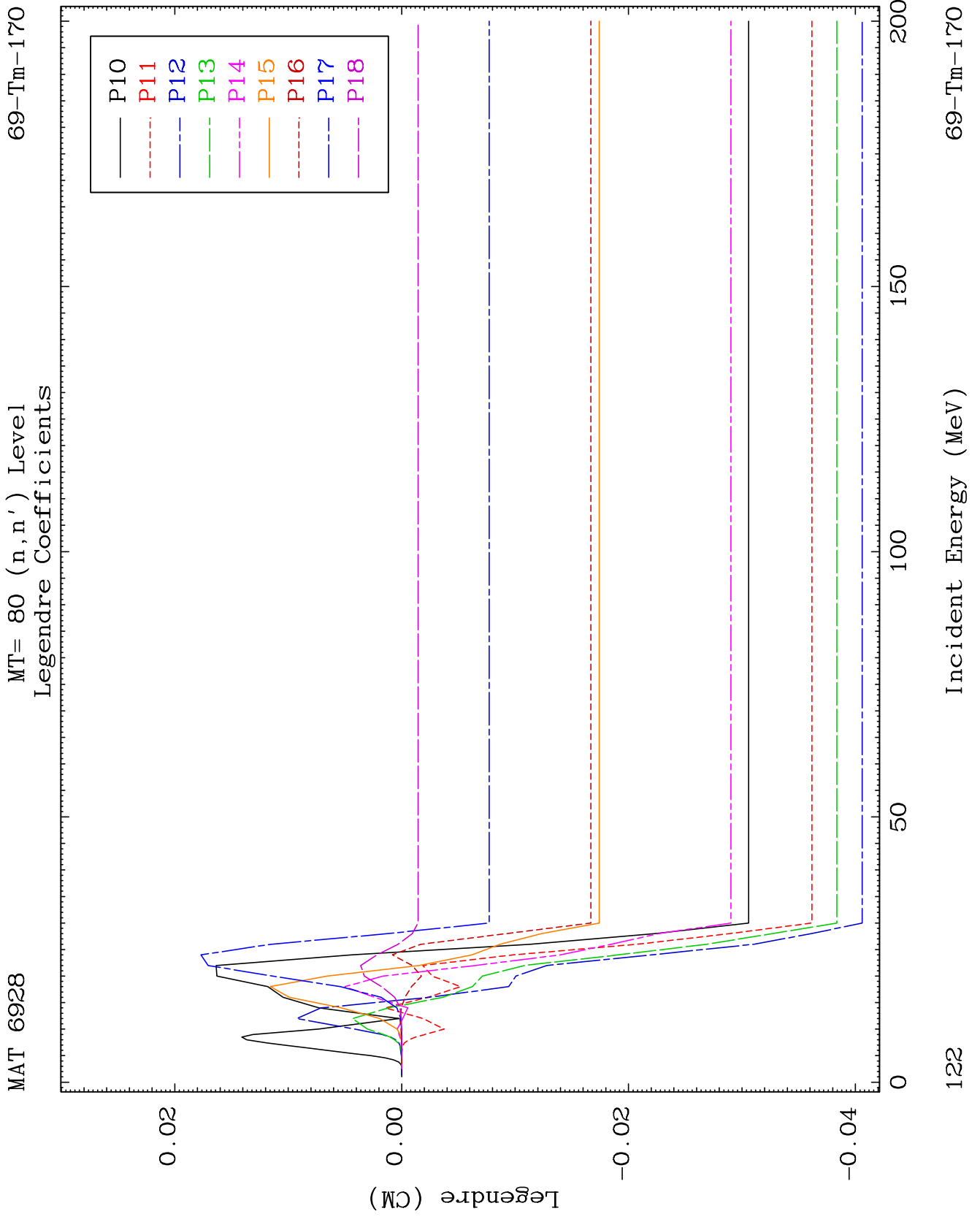
69-Tm-170







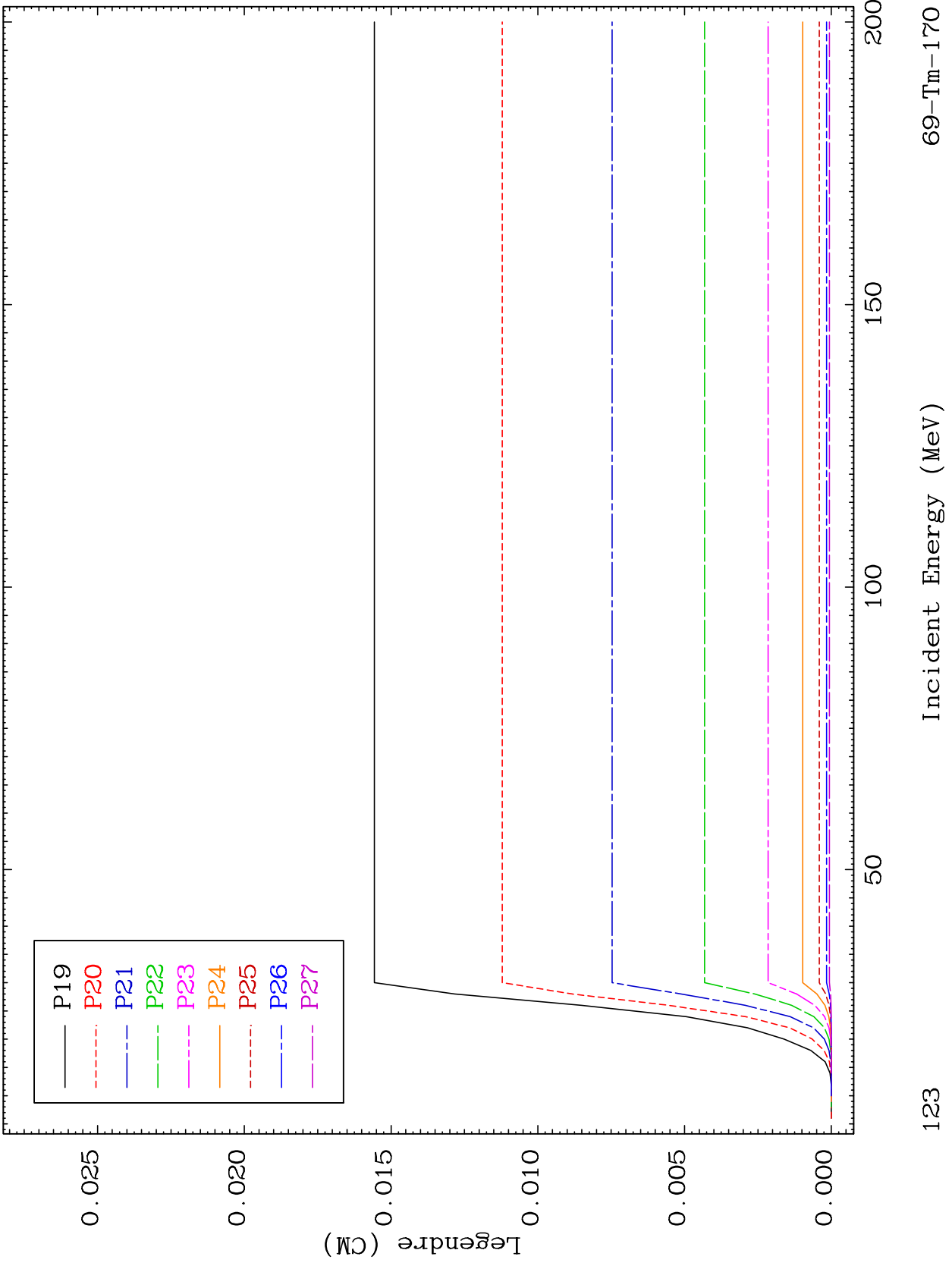




MAT 6928

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

69-Tm-170



123

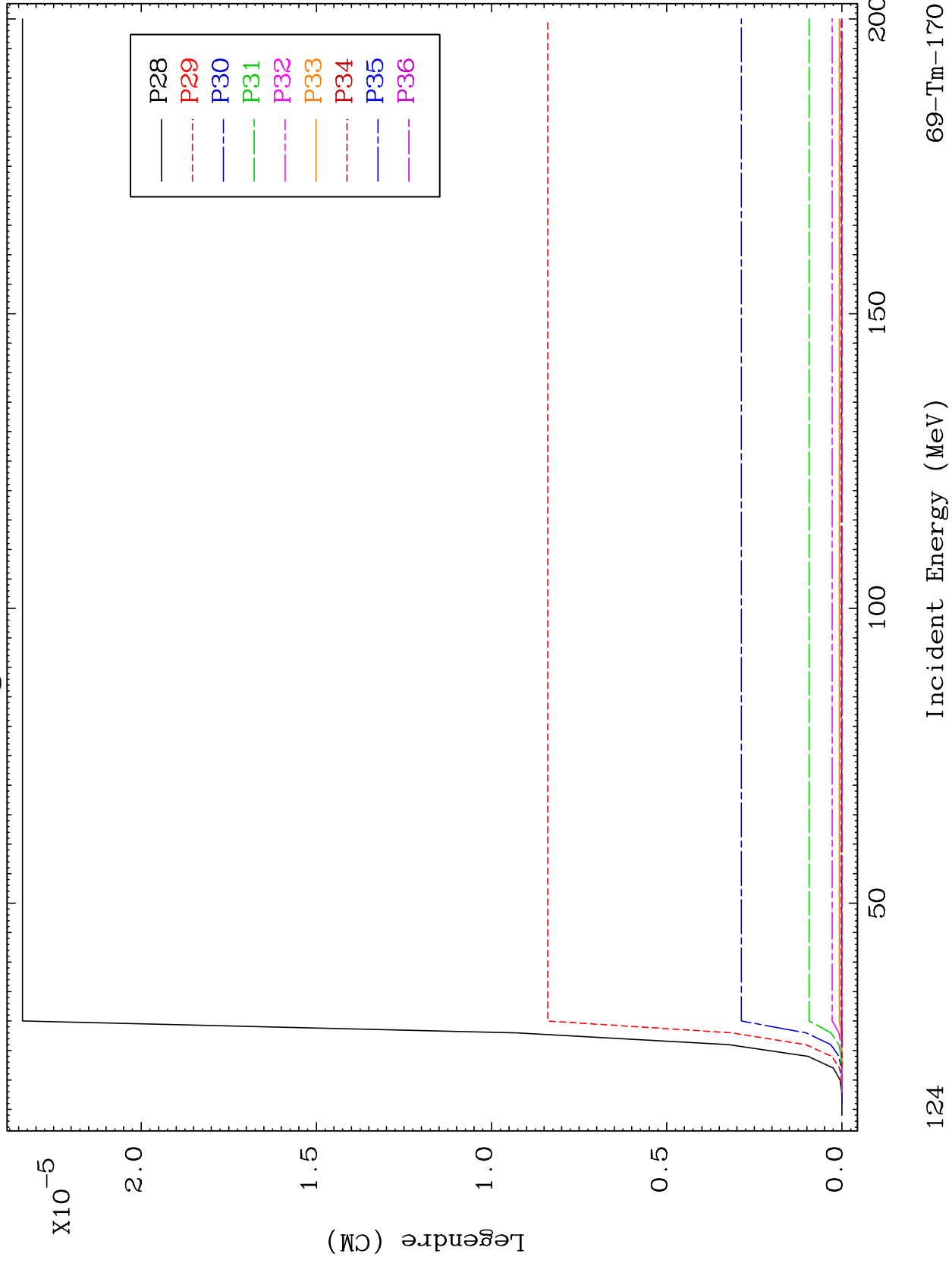
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

69-Tm-170



124

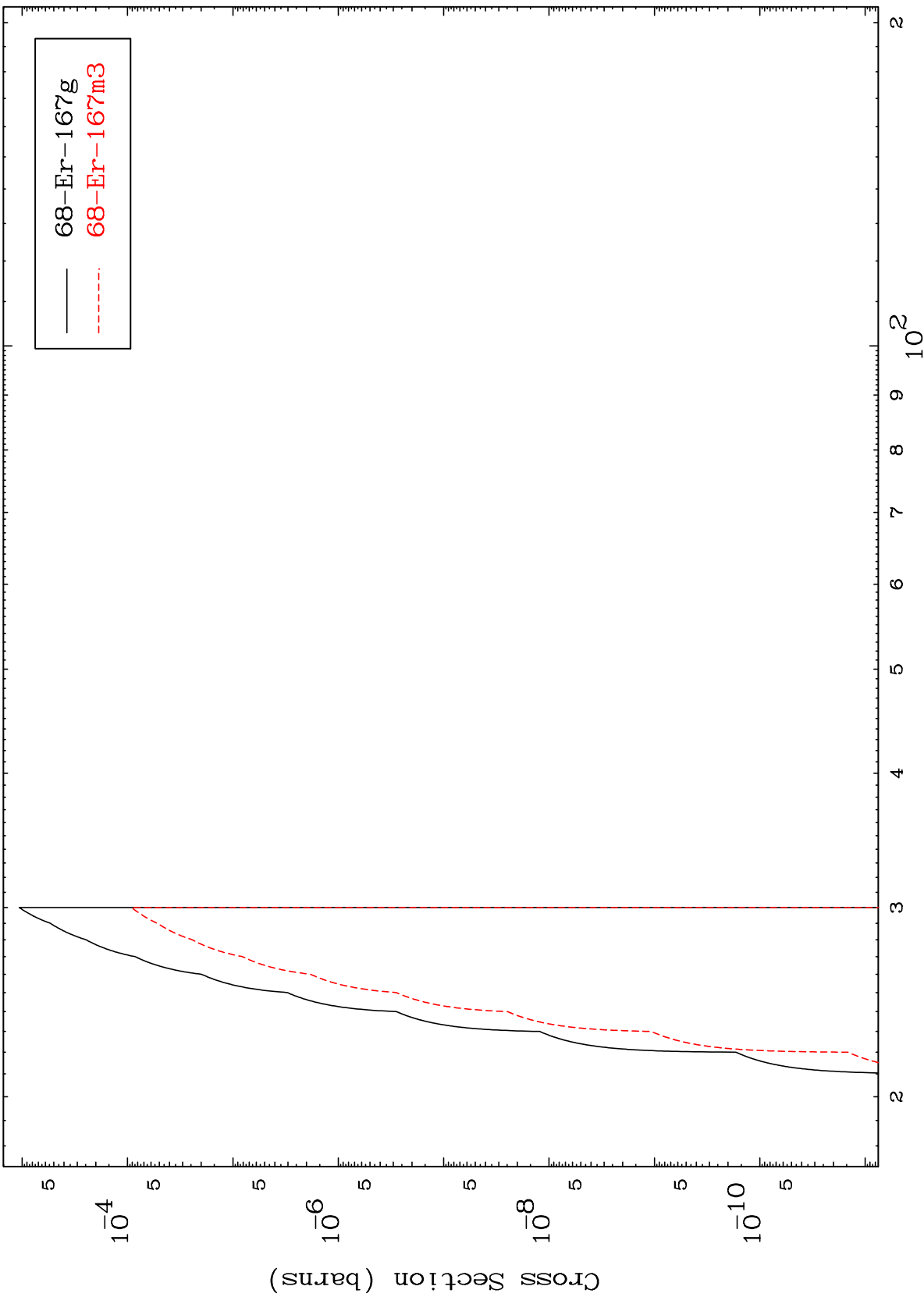
69-Tm-170

MAT 6928

(n,2n) d

69-Tm-170

Radionuclide Production Cross Section



125

Incident Energy (MeV)

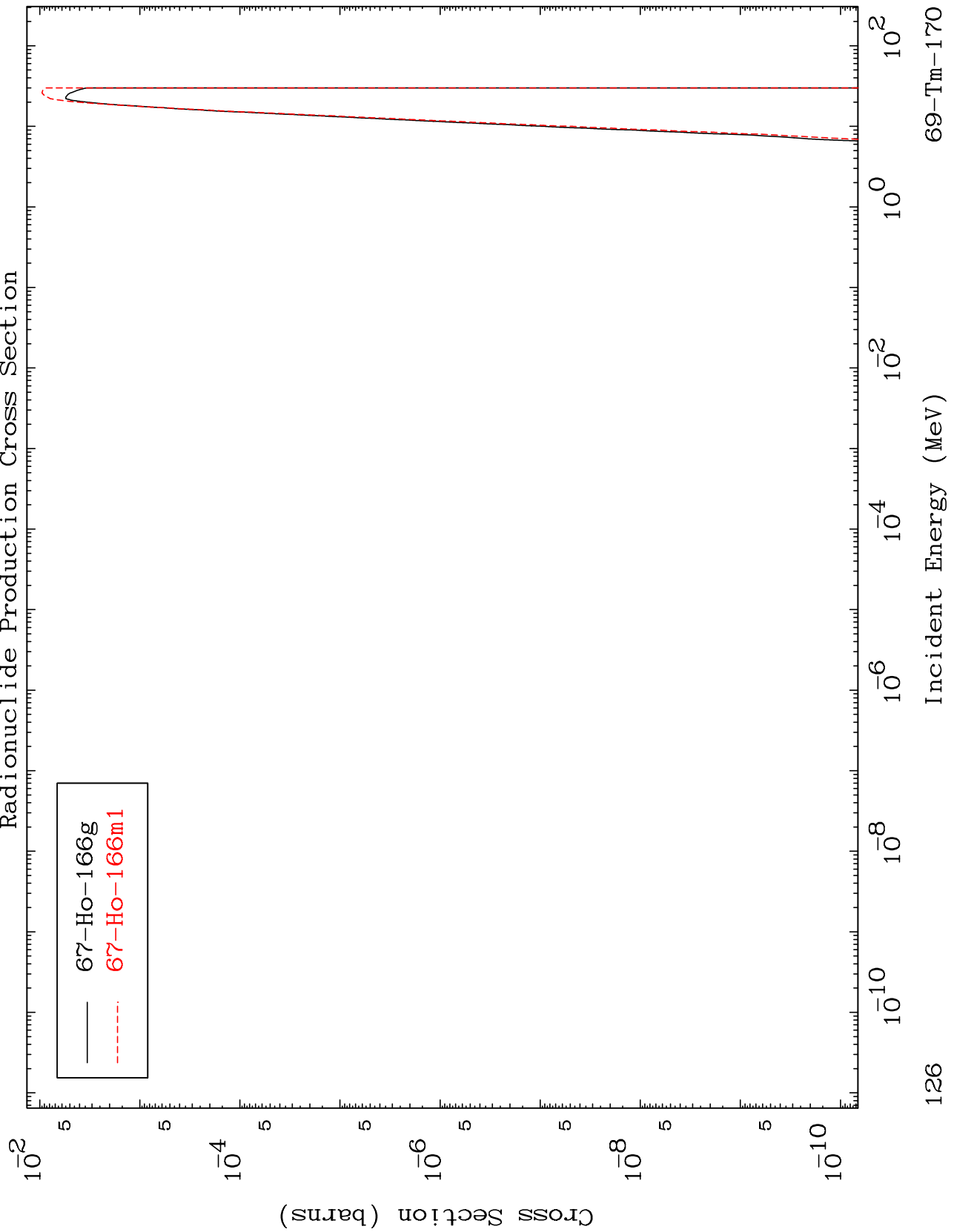
69-Tm-170

MAT 6928

$(n, n') \alpha$

69-Tm-170

Radionuclide Production Cross Section

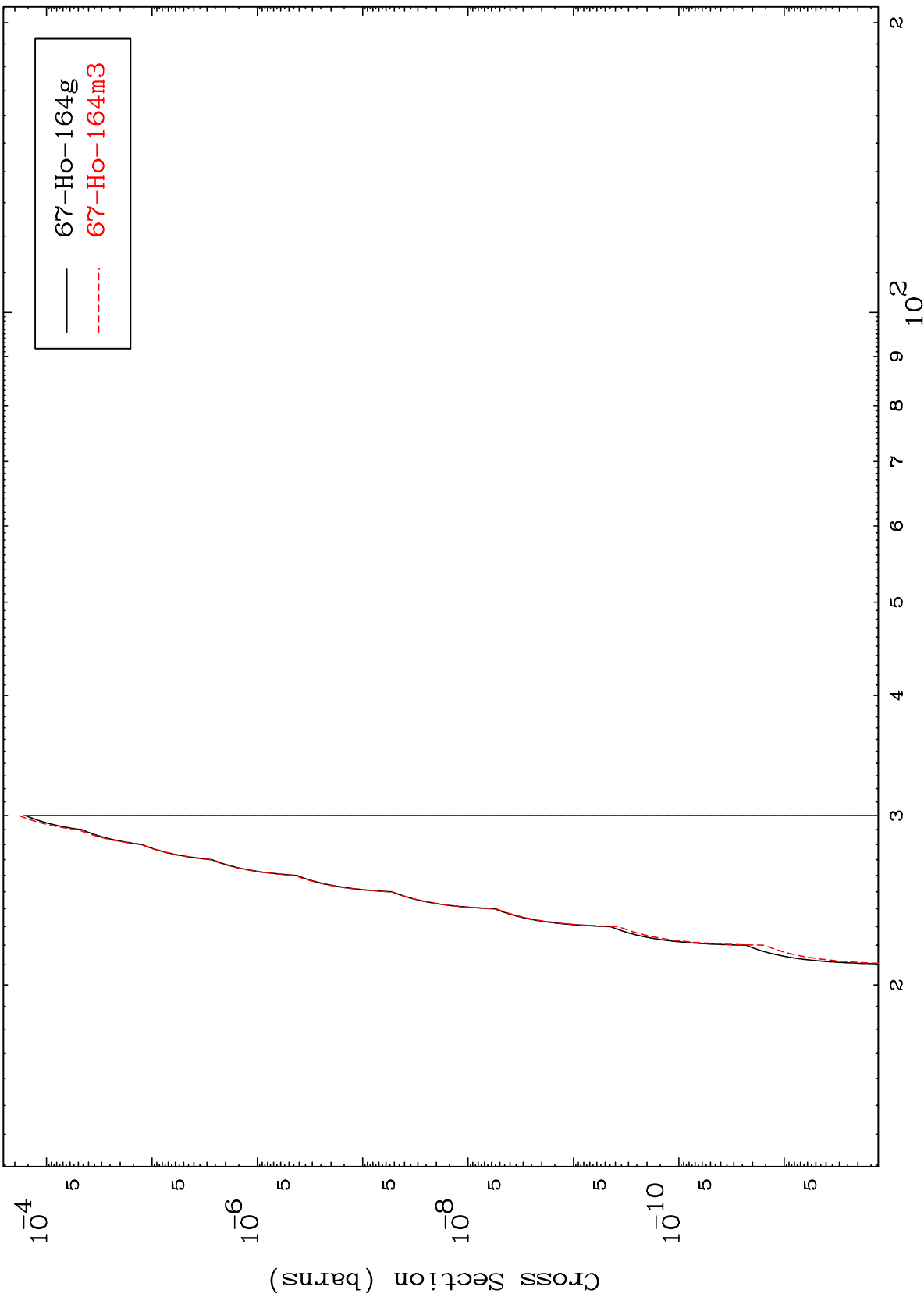


MAT 6928

$(n,3n) \alpha$

69-Tm-170

Radionuclide Production Cross Section

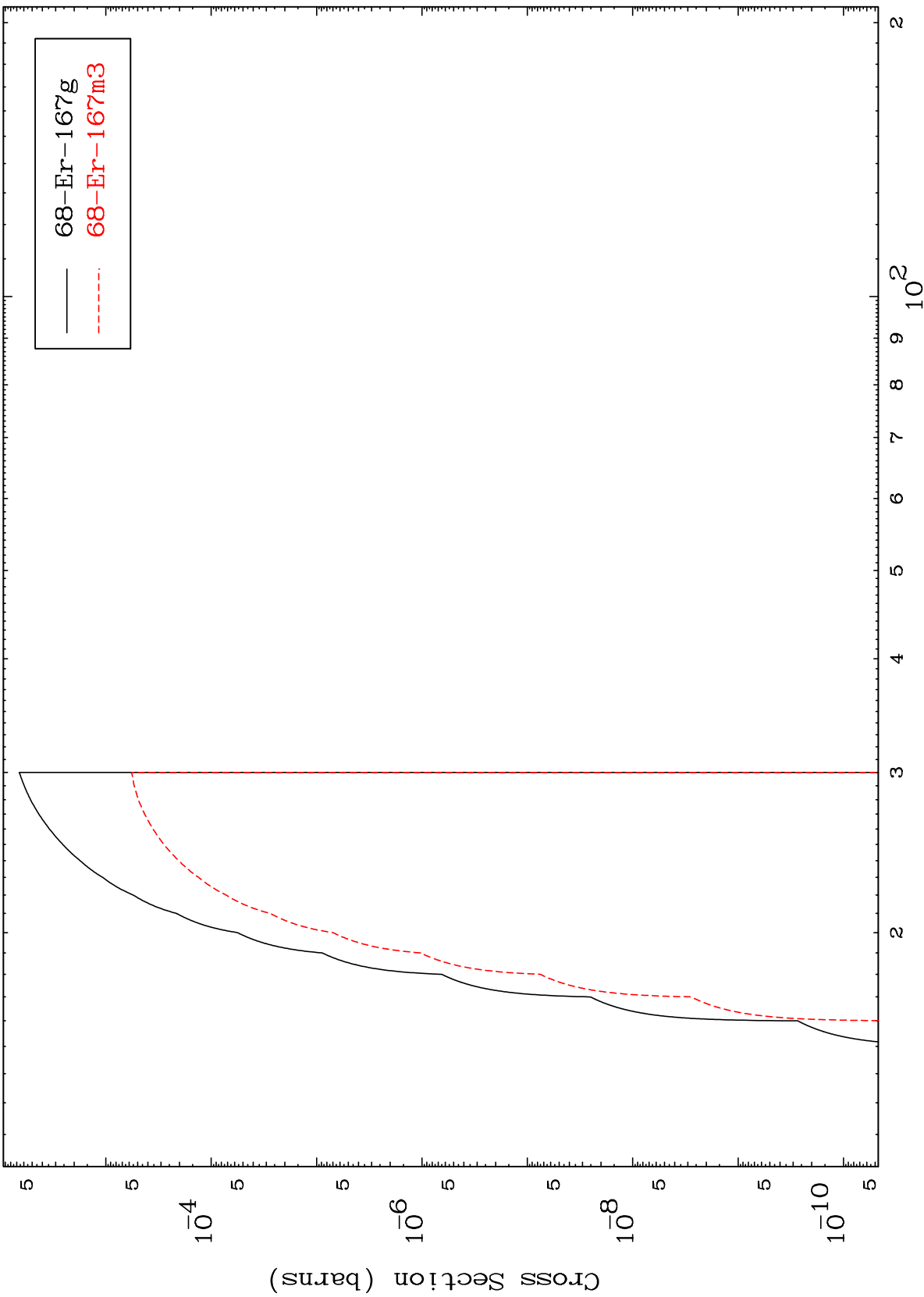


127

Incident Energy (MeV)

69-Tm-170

Radionuclide Production Cross Section

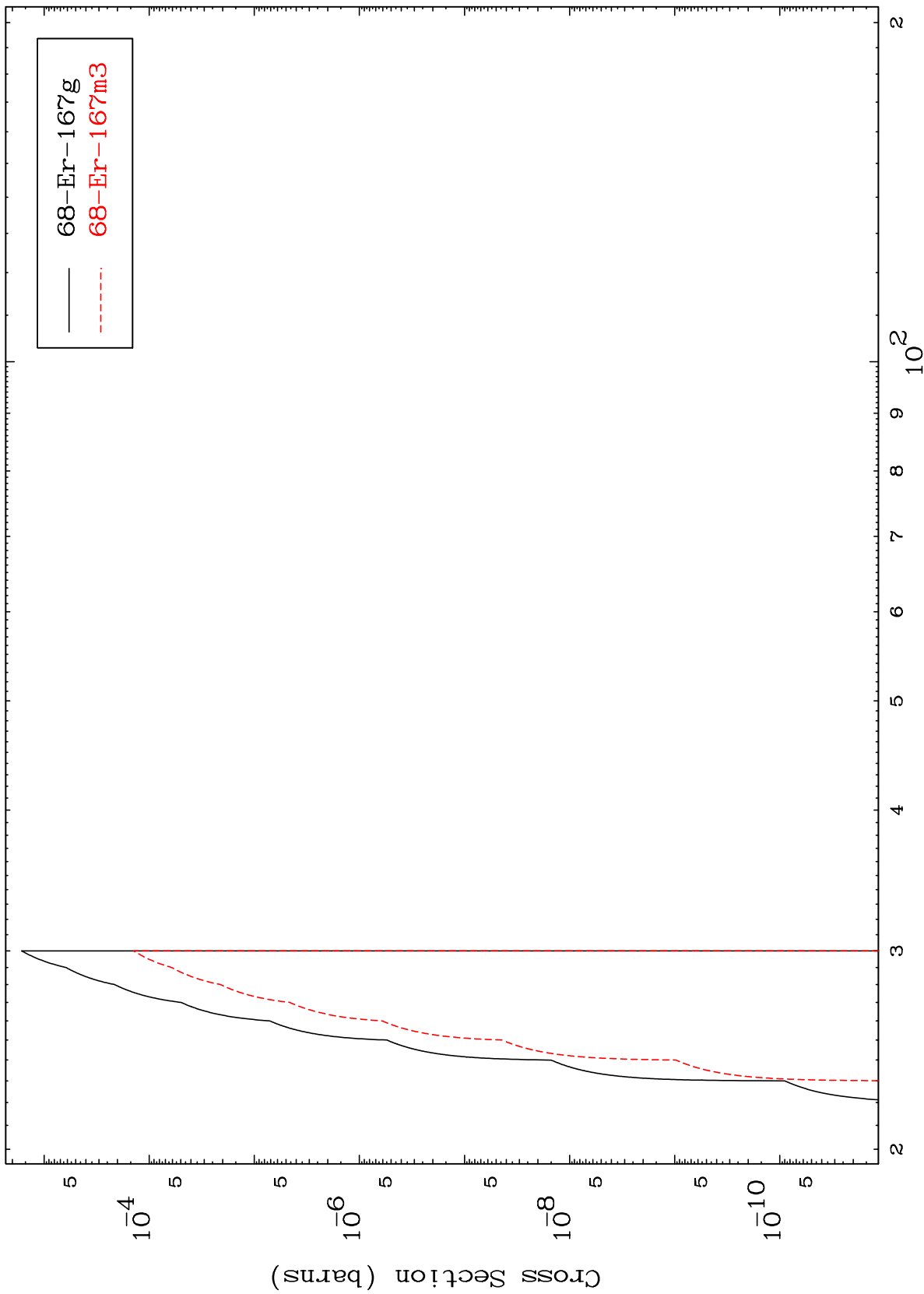


MAT 6928

(n,3n) p

69-Tm-170

Radionuclide Production Cross Section



129

Incident Energy (MeV)

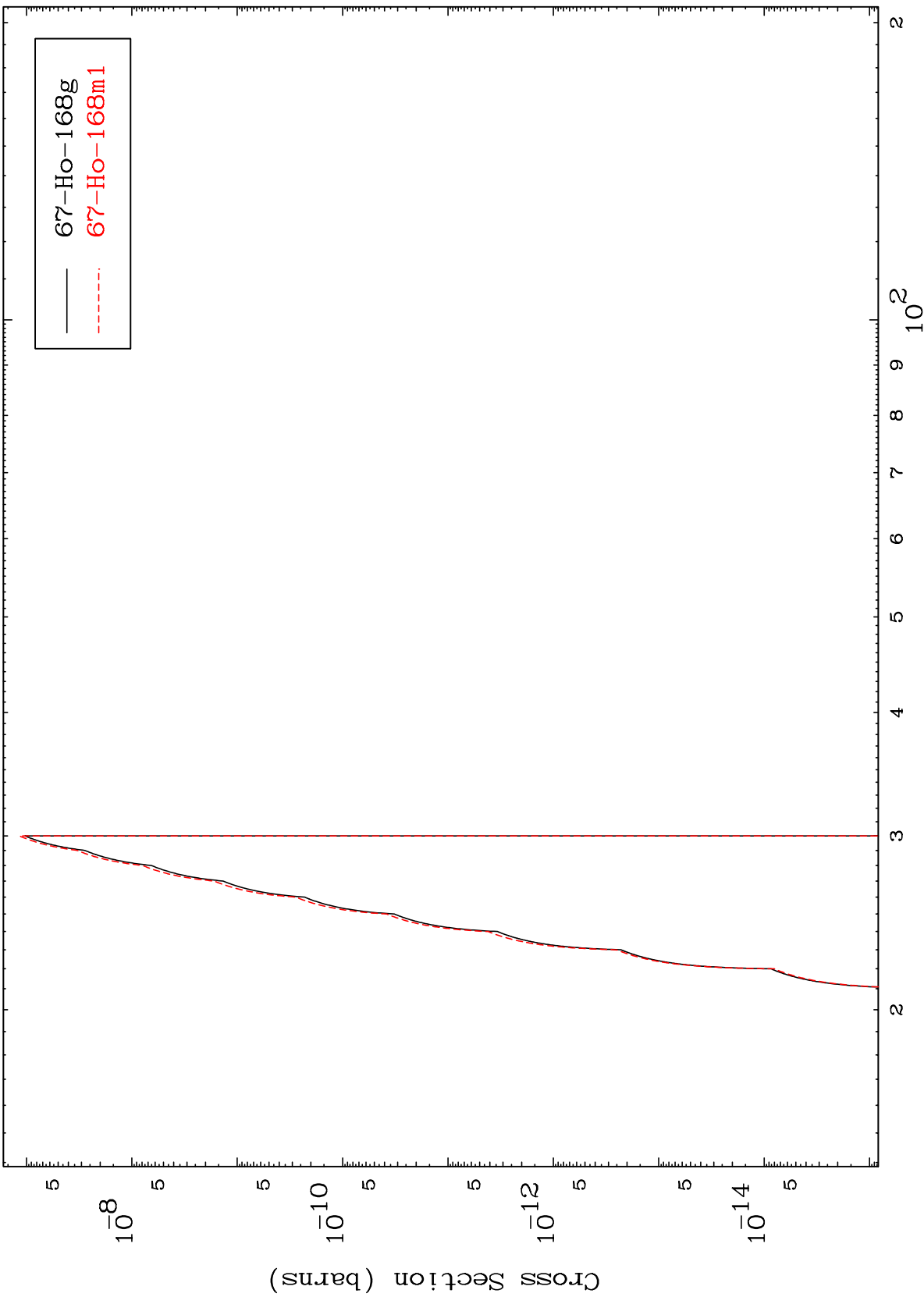
69-Tm-170

MAT 6928

(n,2n) p

69-Tm-170

Radionuclide Production Cross Section



130

Incident Energy (MeV)

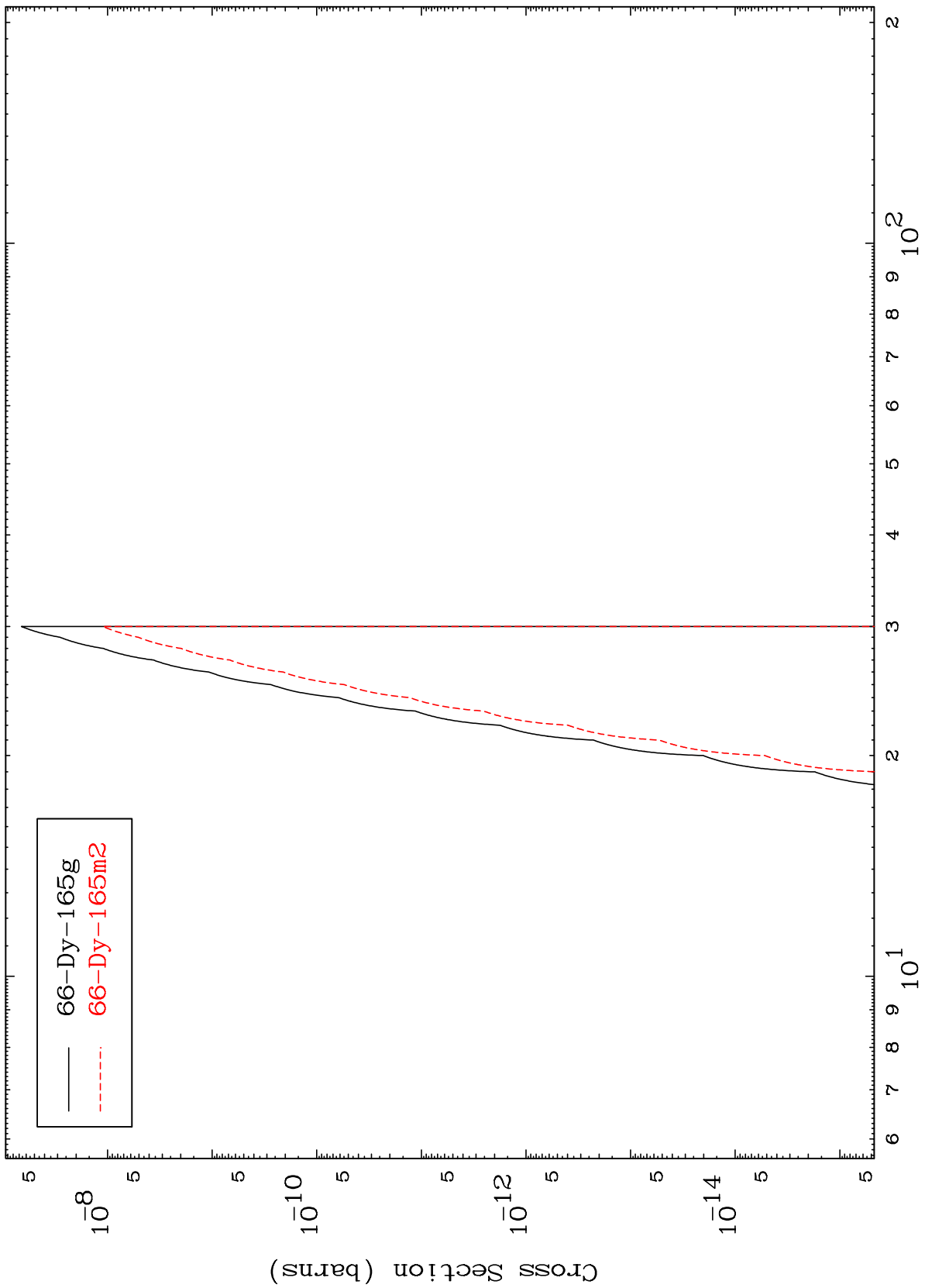
69-Tm-170

MAT 6928

(n,n') p α

69-Tm-170

Radionuclide Production Cross Section



66-Dy-165g
66-Dy-165m2

131

Incident Energy (MeV)

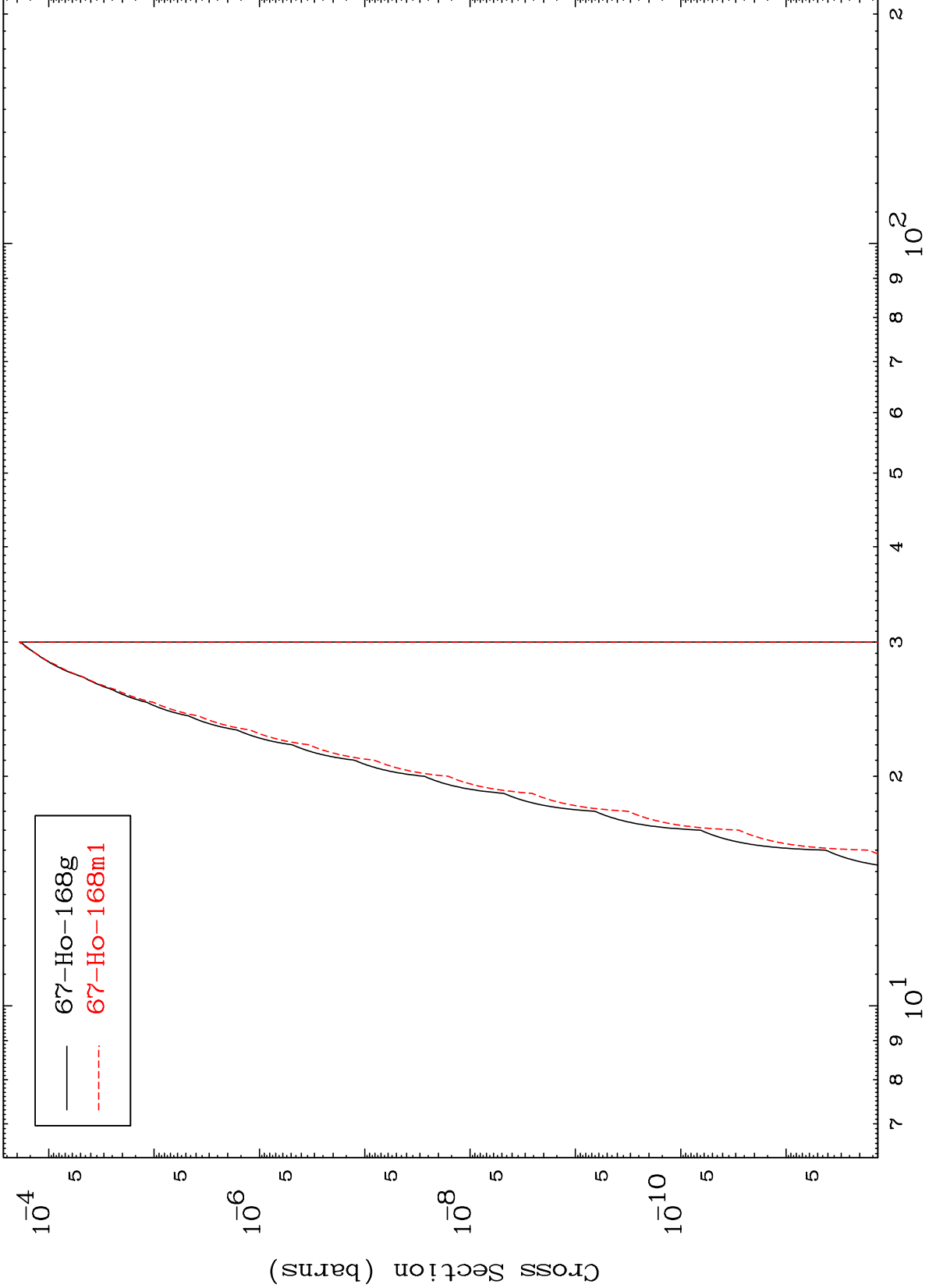
69-Tm-170

MAT 6928

(n,He-3)

69-Tm-170

Radionuclide Production Cross Section

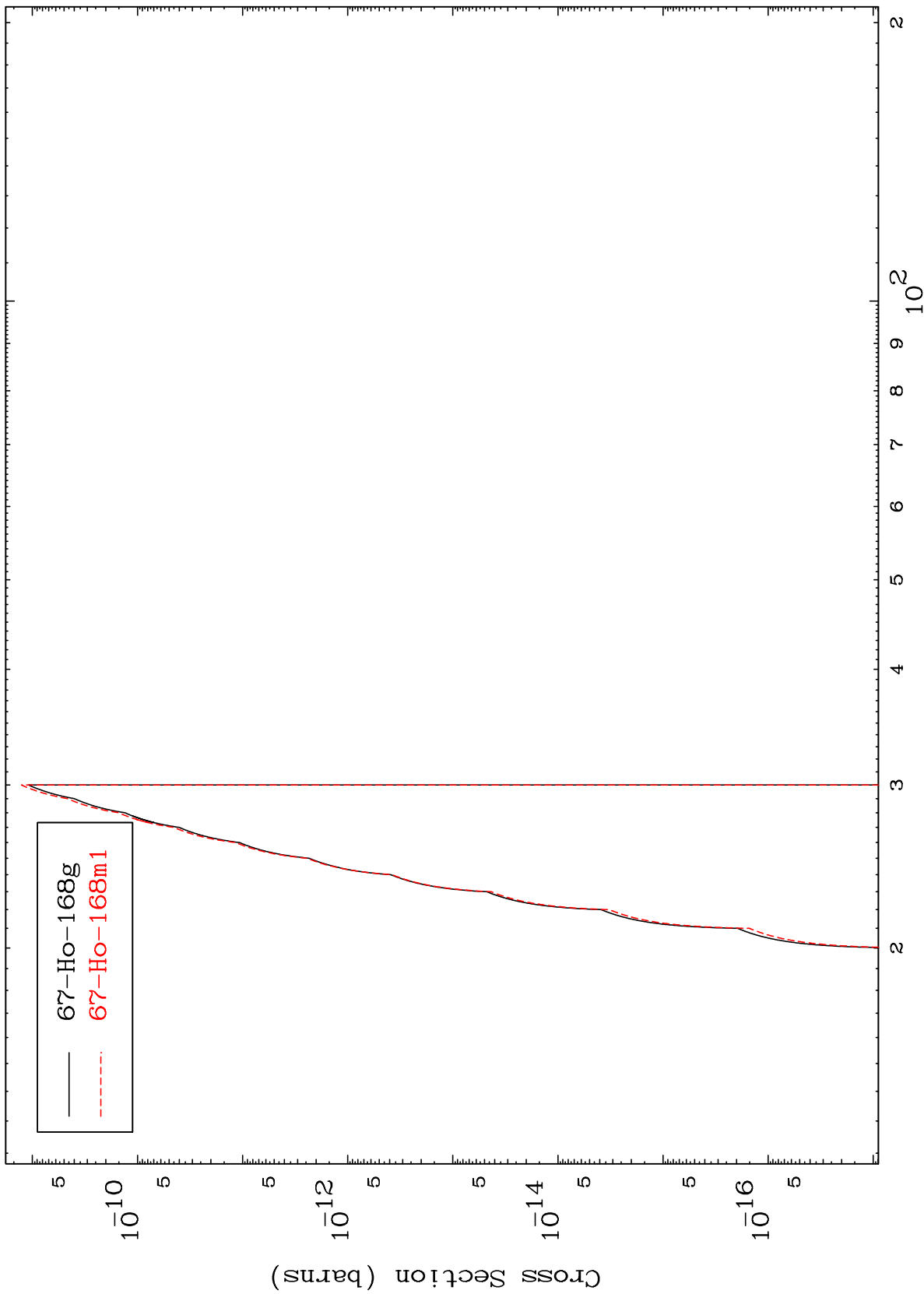


132

Incident Energy (MeV)

69-Tm-170

Radionuclide Production Cross Section

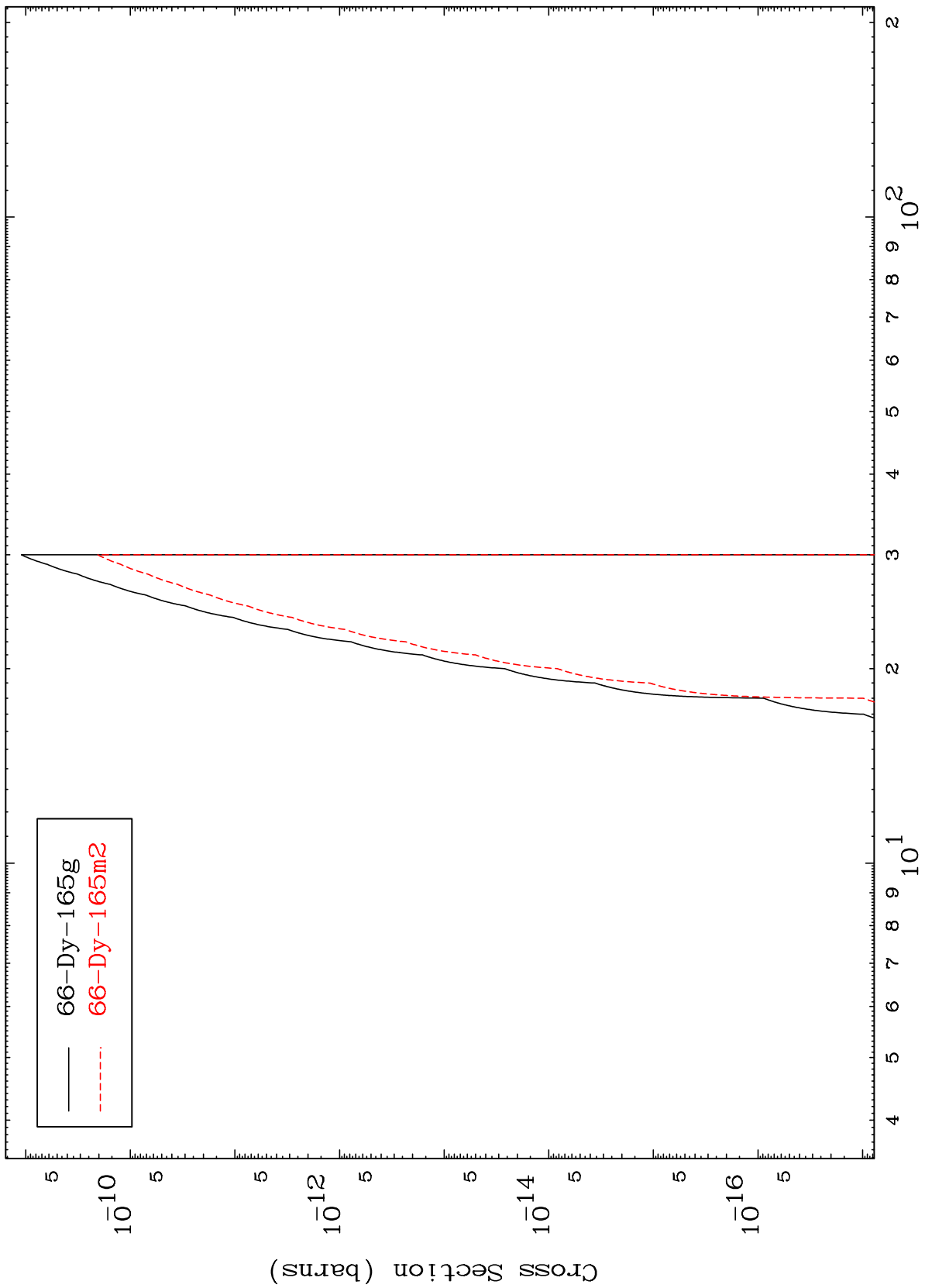


MAT 6928

(n,d) α

69-Tm-170

Radionuclide Production Cross Section



66-Dy-165g
66-Dy-165m2

134

Incident Energy (MeV)

69-Tm-170