

Program EVALPLOT
(Version 2021-1)

by

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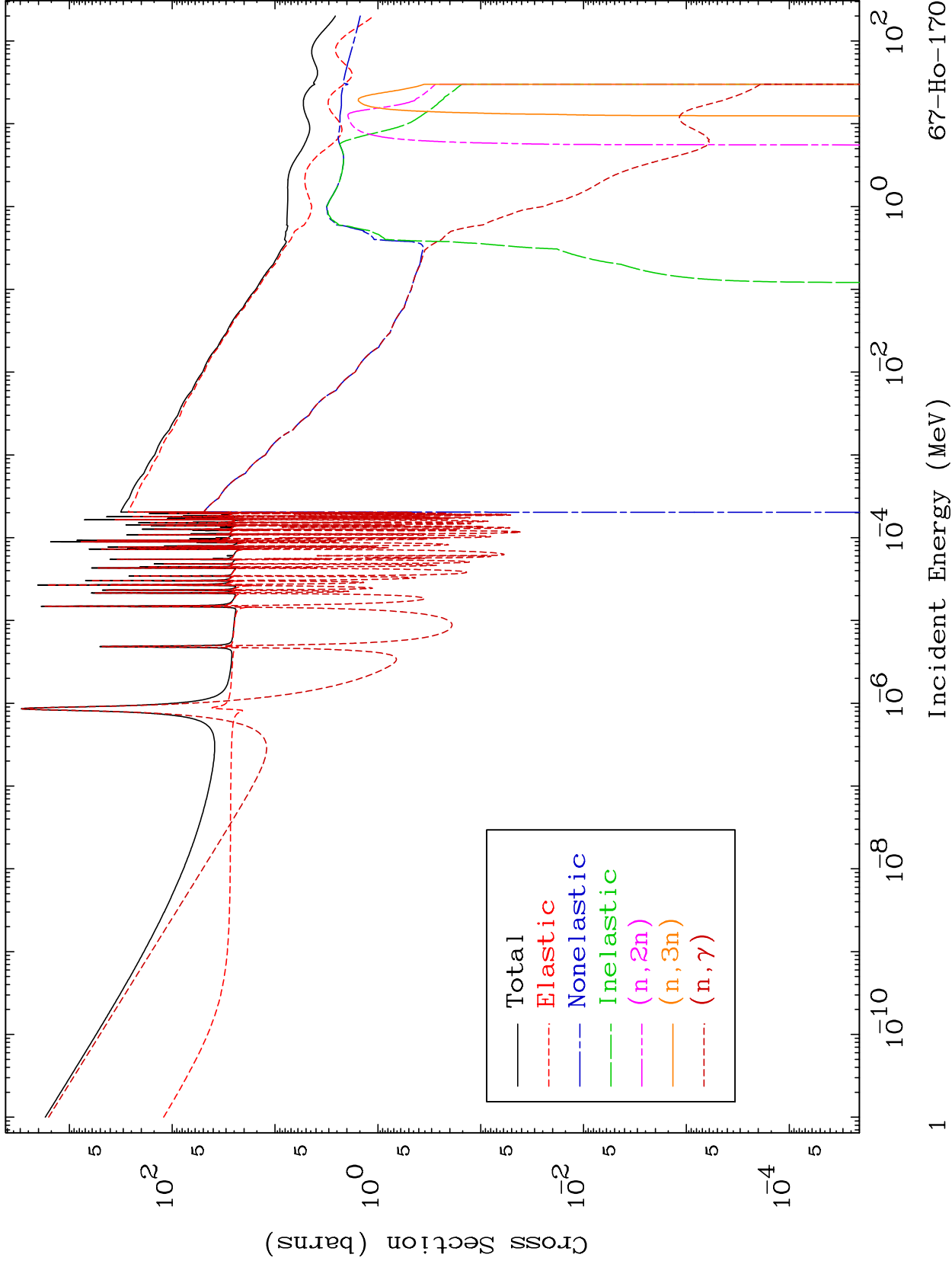
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6740

Neutron Major
293 Kelvin Cross Sections

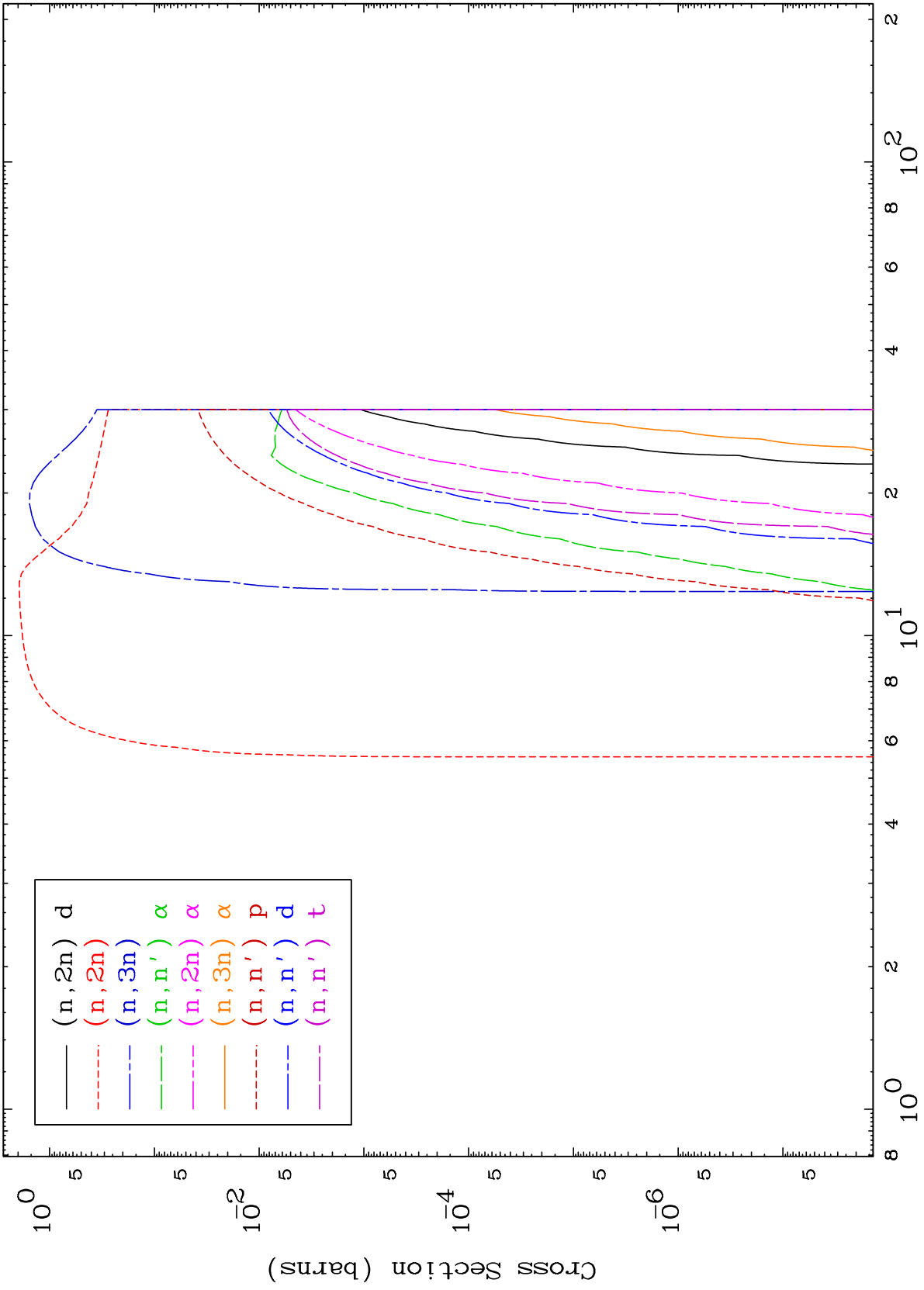
67-Ho-170



MAT 6740

Neutron Absorption
293 Kelvin Cross Sections

67-Ho-170



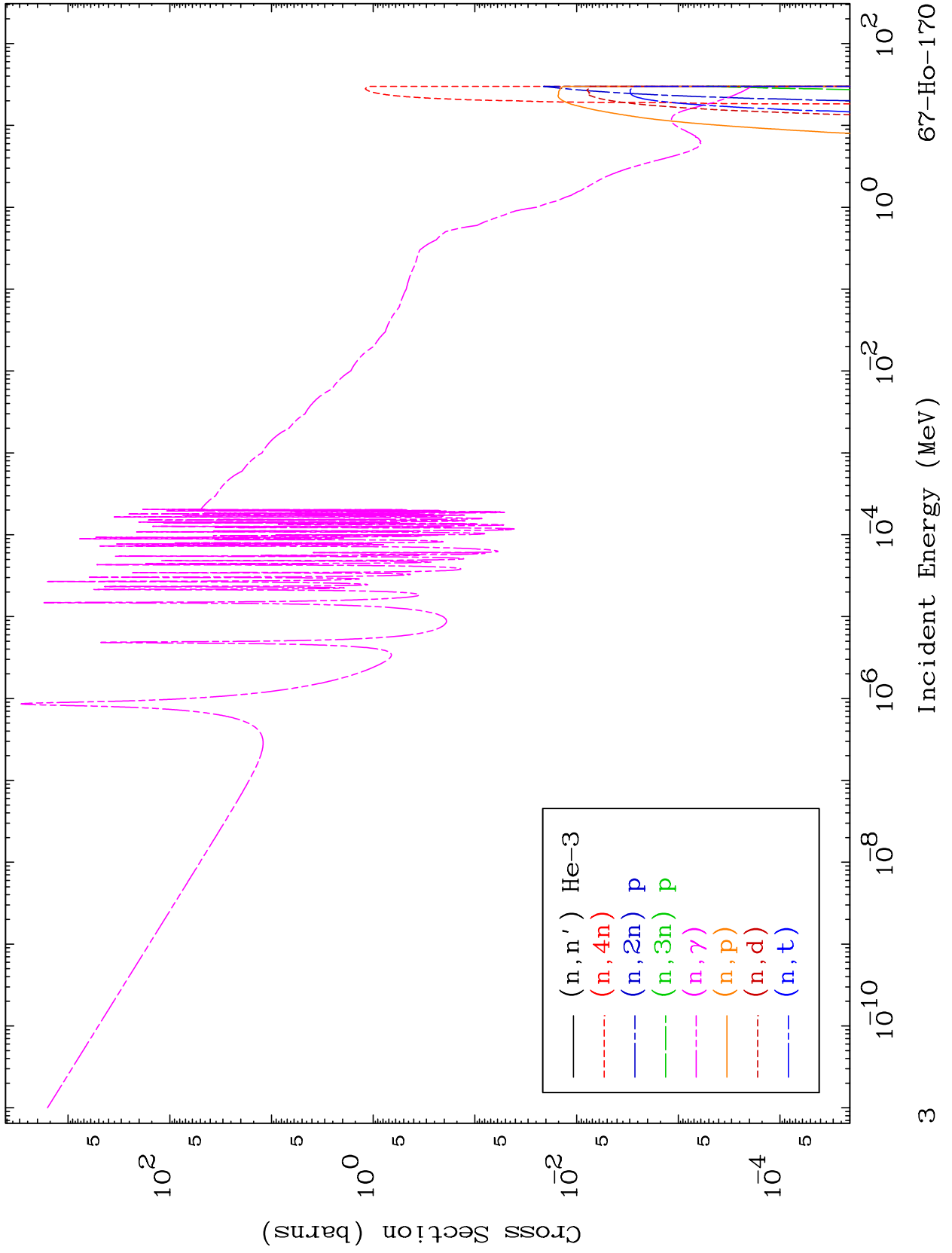
Incident Energy (MeV)

67-Ho-170

MAT 6740

Neutron Absorption
293 Kelvin Cross Sections

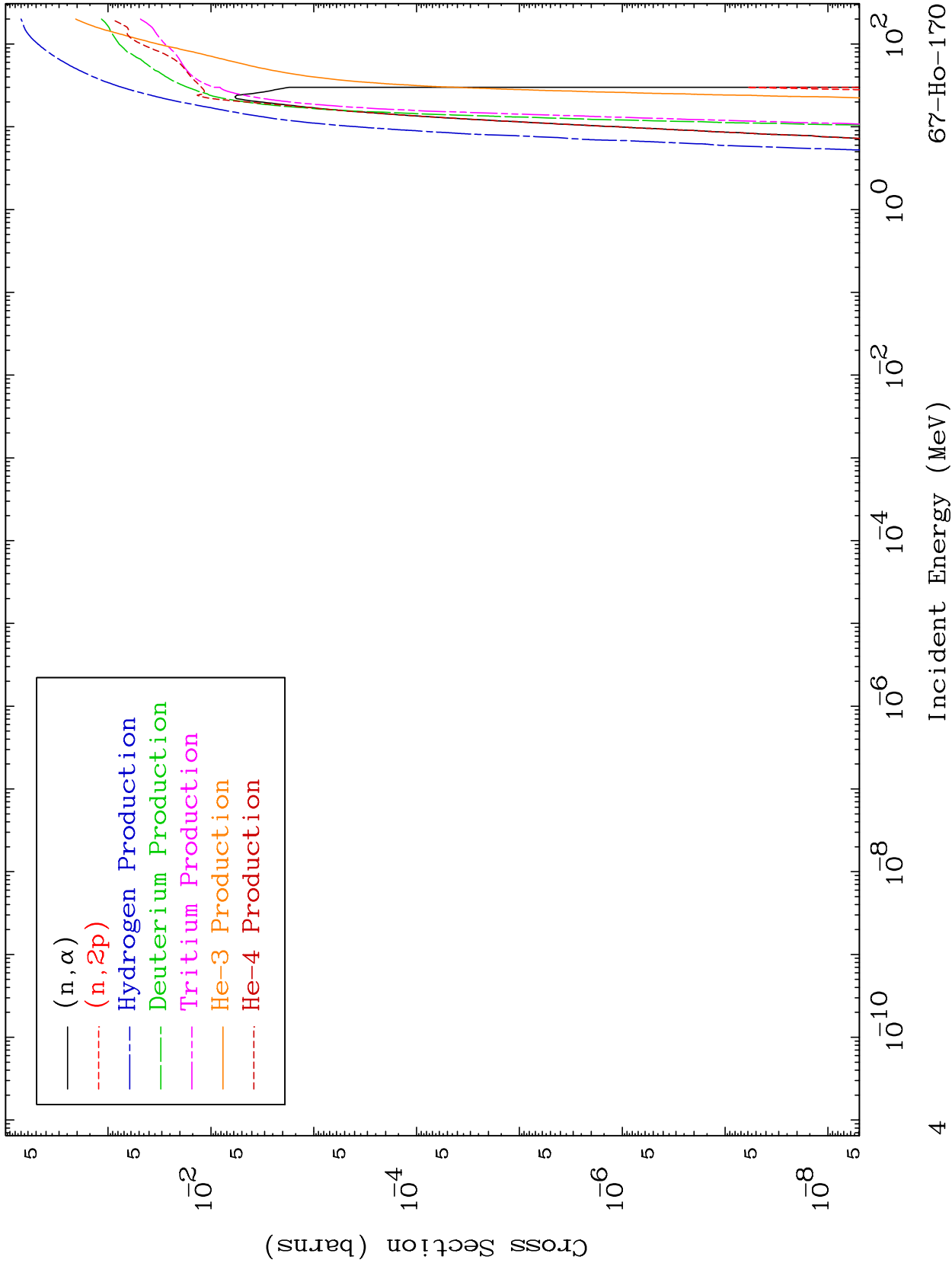
67-Ho-170



MAT 6740

Neutron Absorption
293 Kelvin Cross Sections

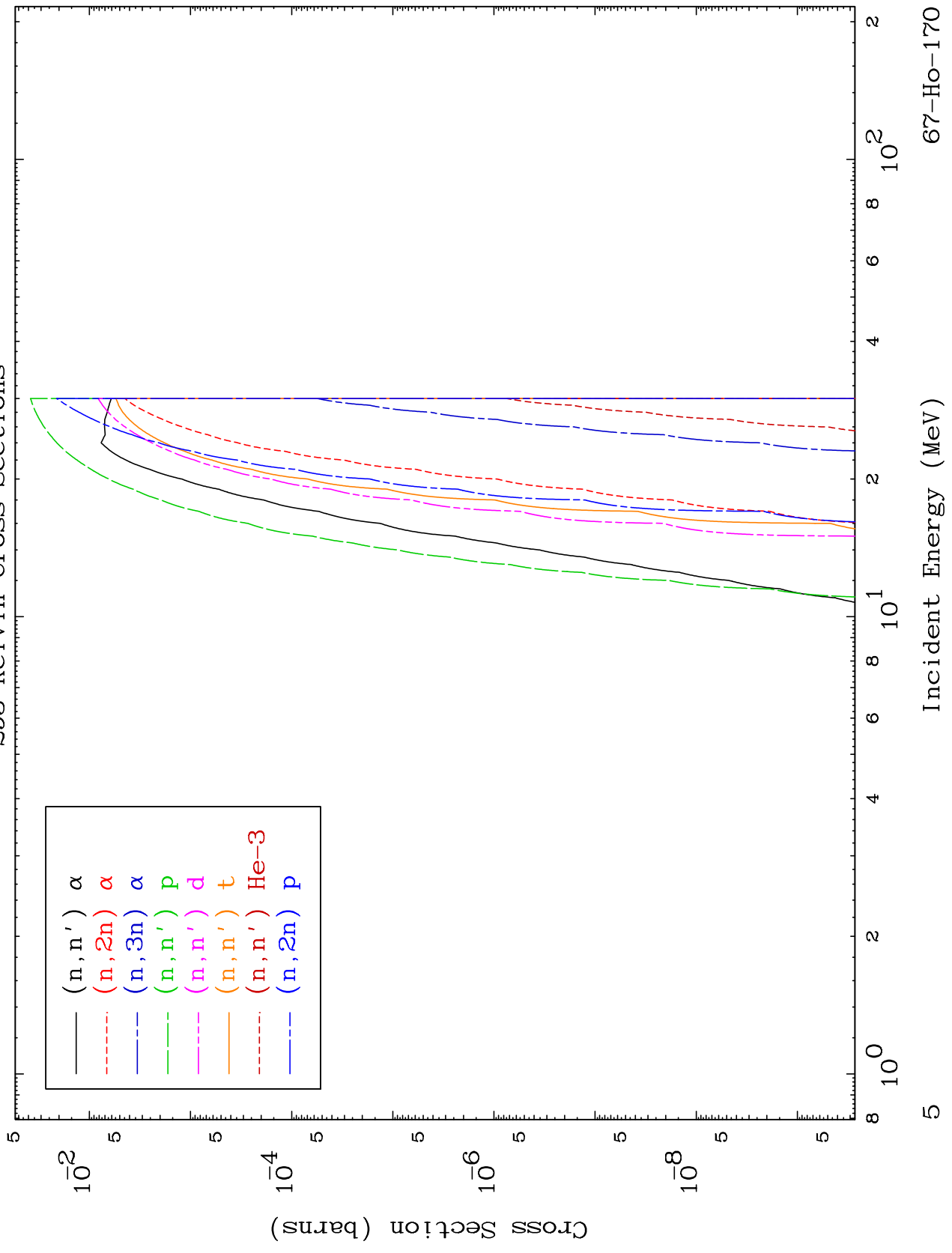
67-Ho-170



MAT 6740

Charged Particle
293 Kelvin Cross Sections

67-Ho-170



67-Ho-170

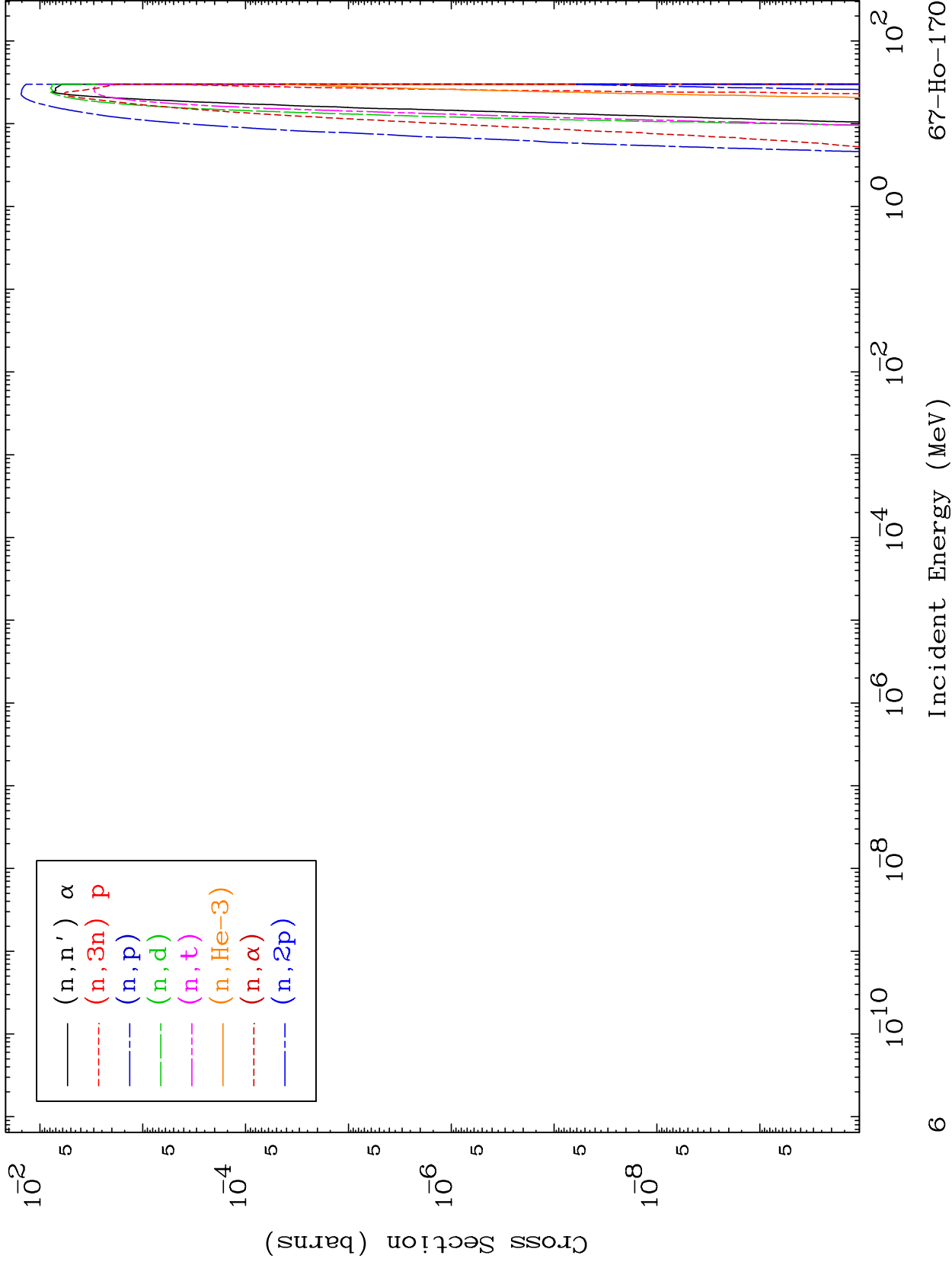
Incident Energy (MeV)

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MAT 6740

Charged Particle
293 Kelvin Cross Sections

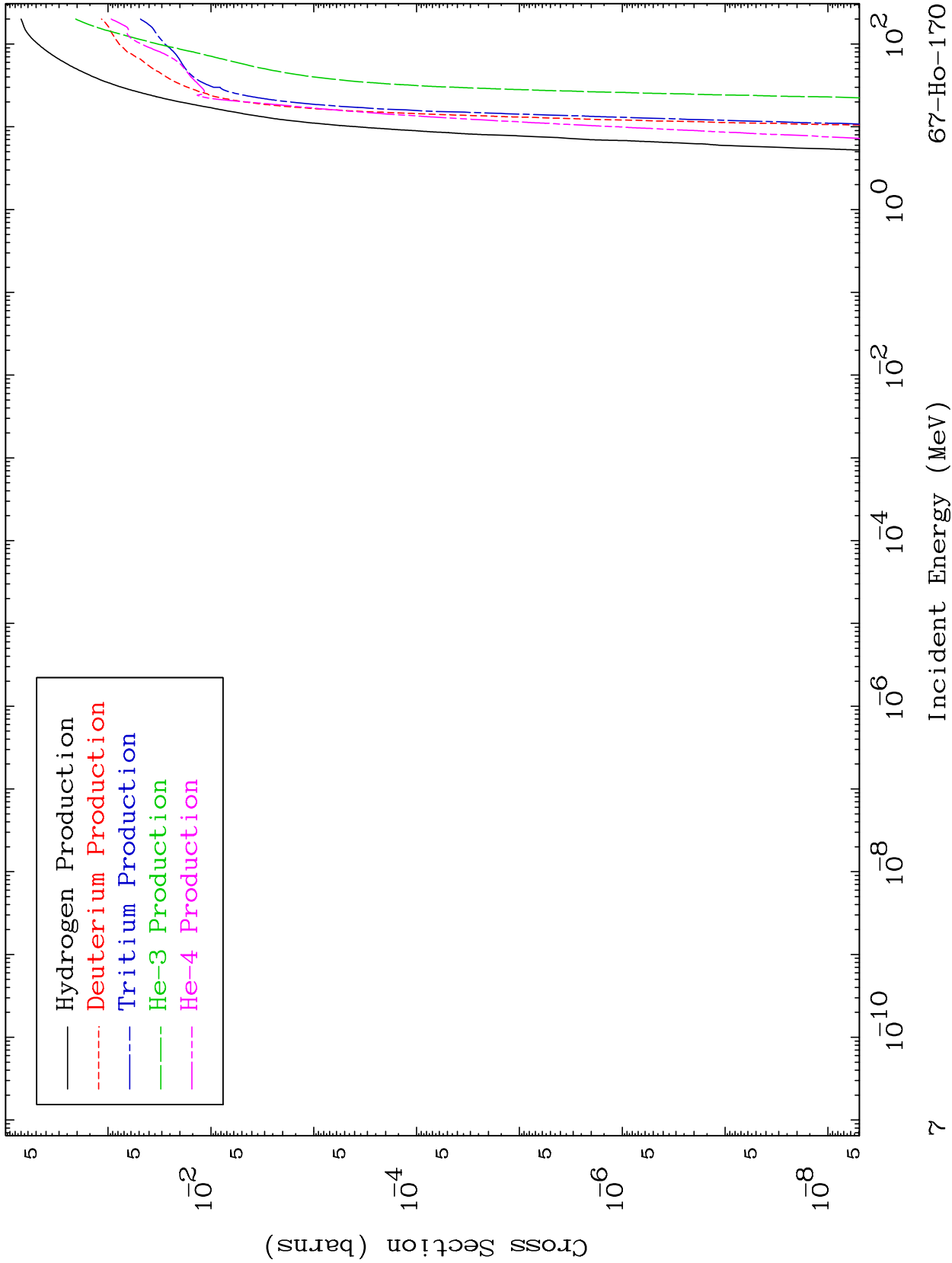
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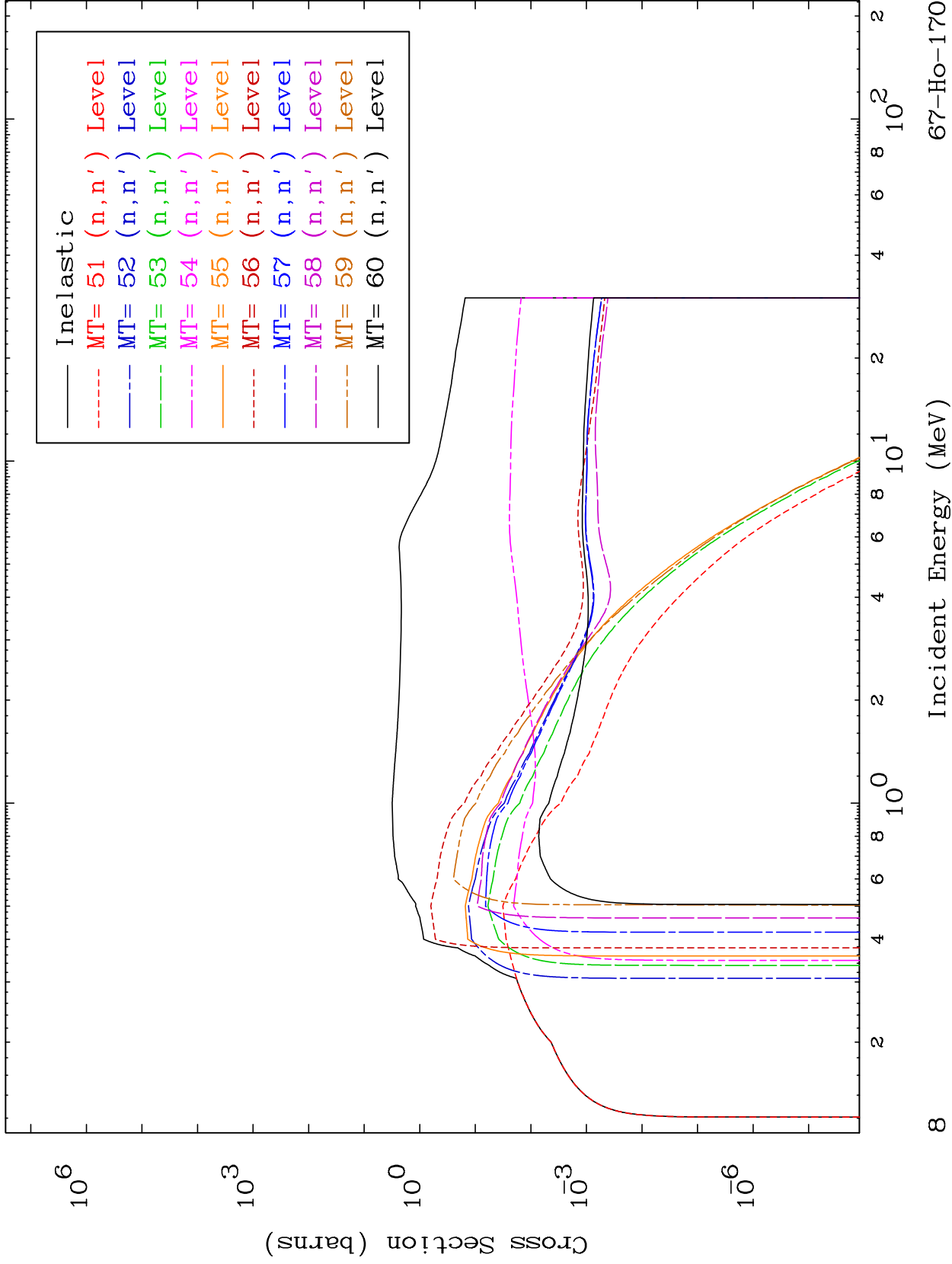


MAT 6740

Particle Production
293 Kelvin Cross Sections

67-Ho-170



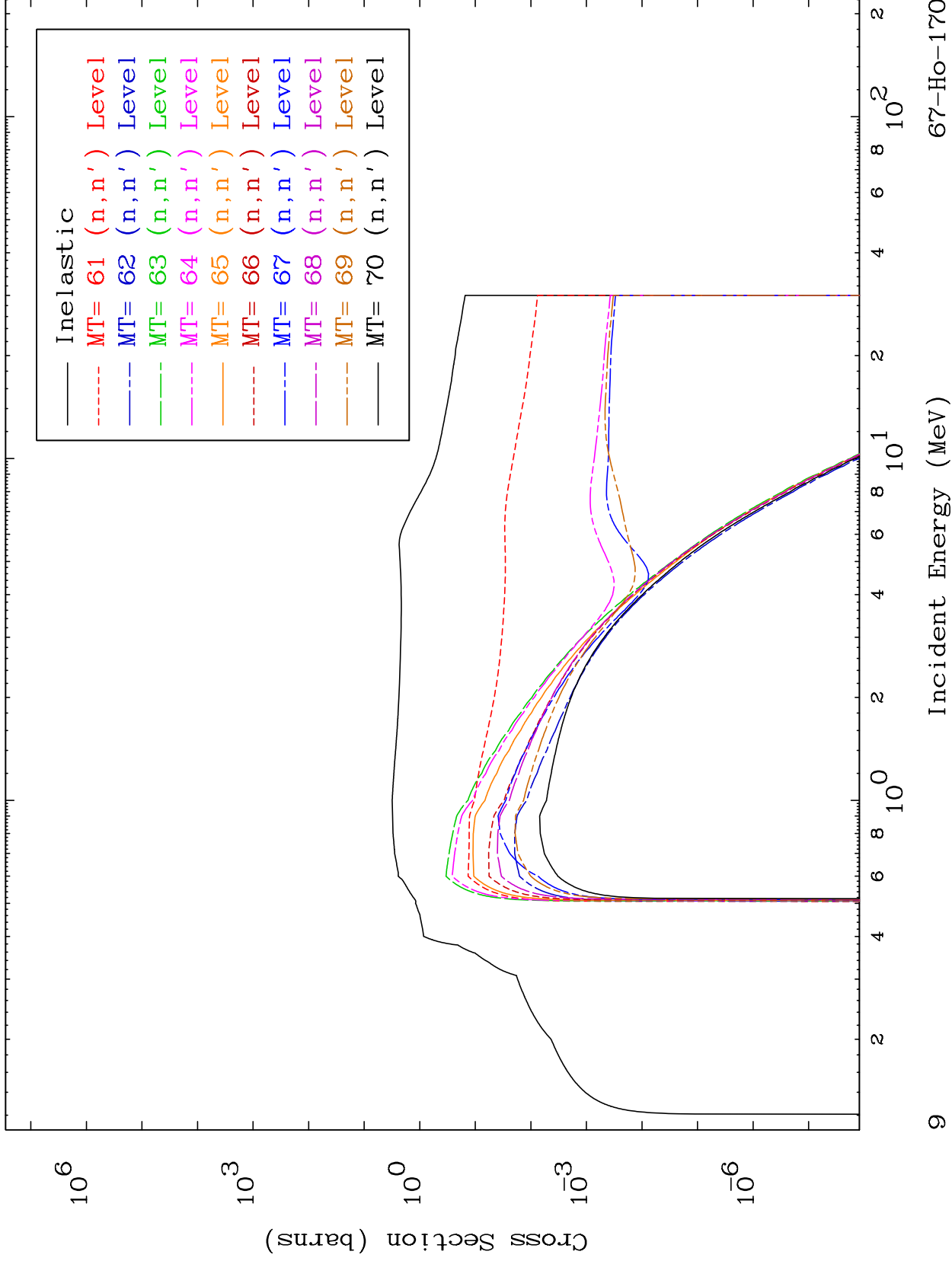


MAT 6740

(n,n') Levels

67-Ho-170

293 Kelvin Cross Sections

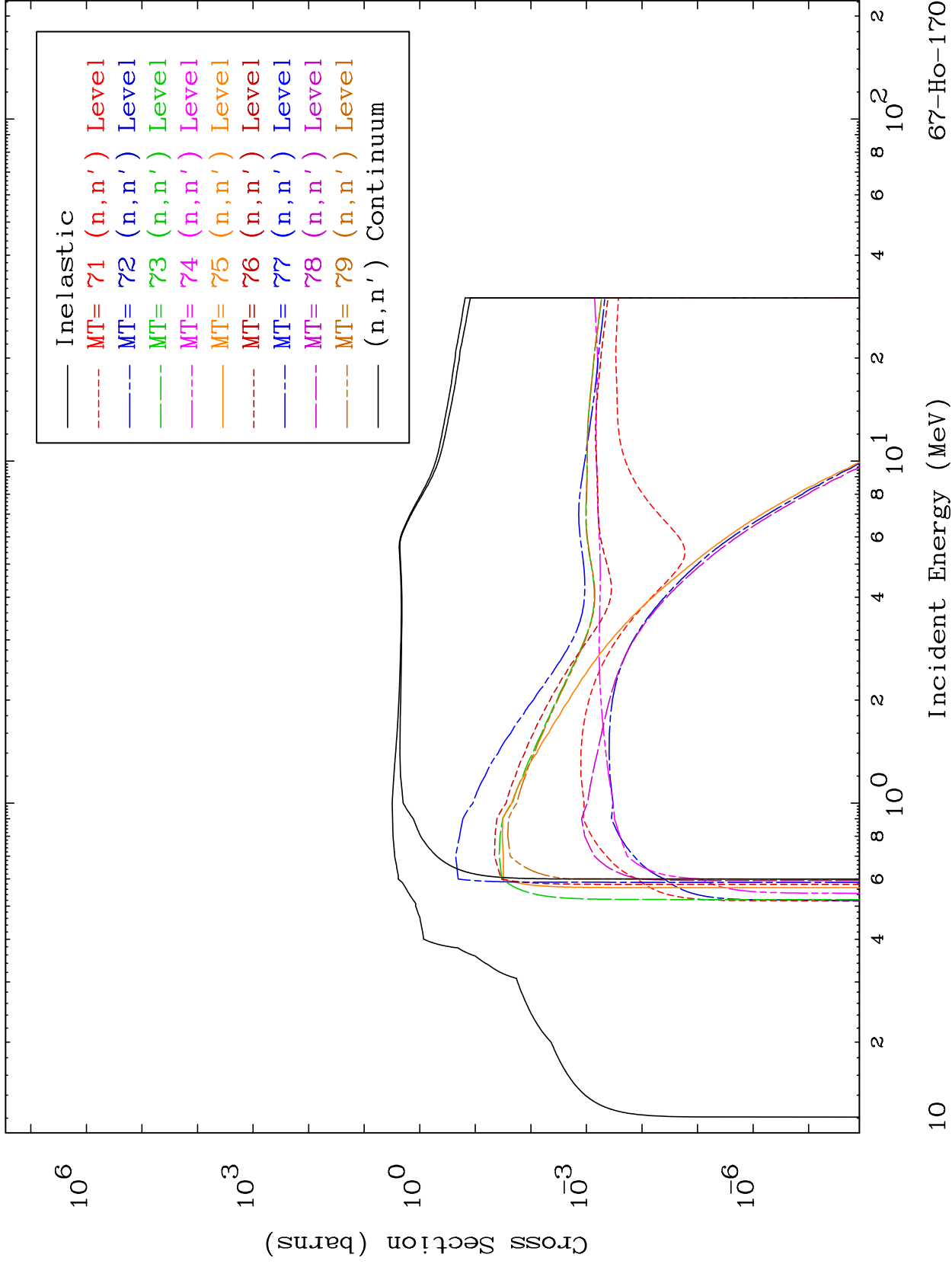


MAT 6740

(n,n') Levels

293 Kelvin Cross Sections

67-Ho-170



10

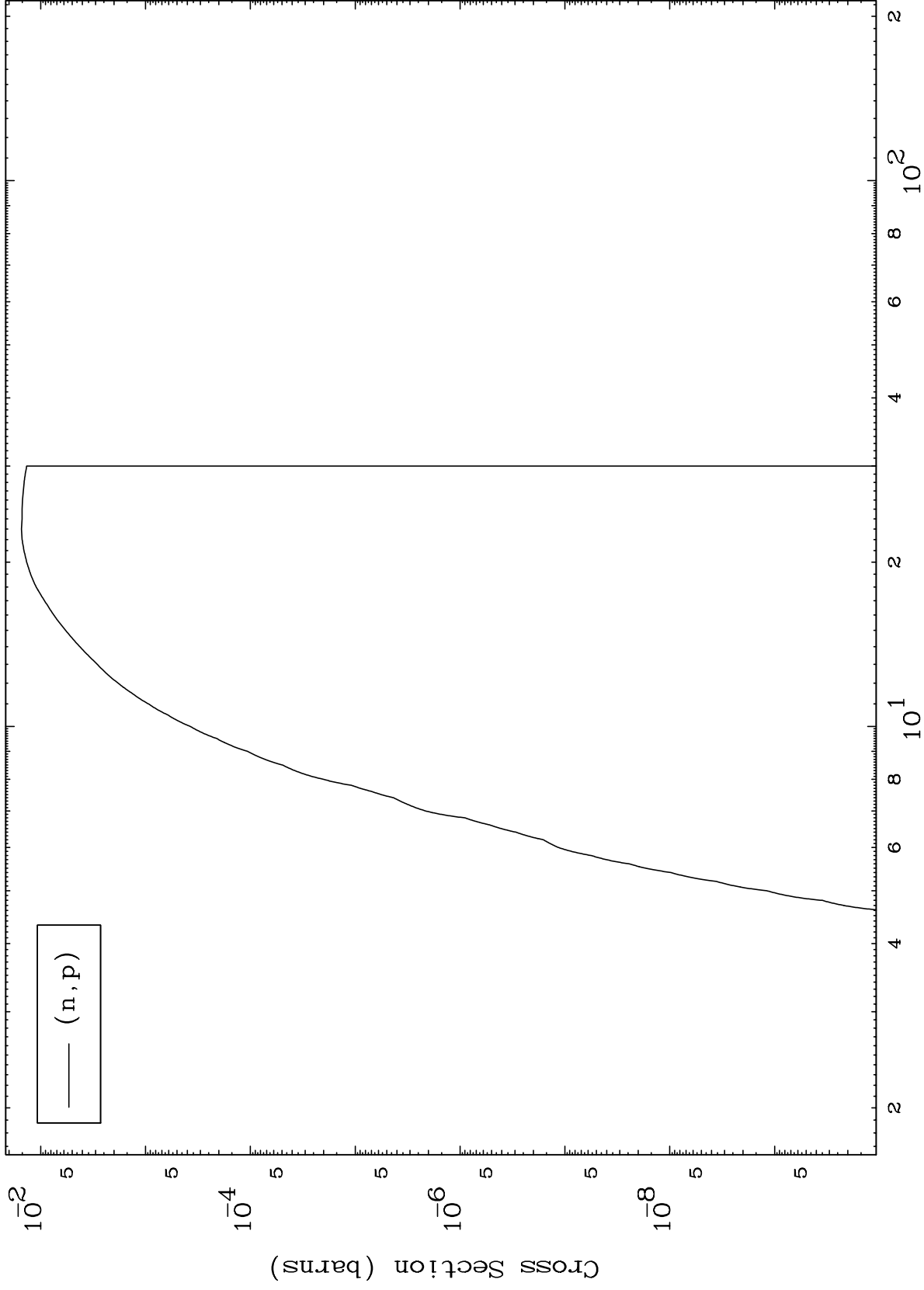
Incident Energy (MeV)

67-Ho-170

MAT 6740

(n,p) Levels
293 Kelvin Cross Sections

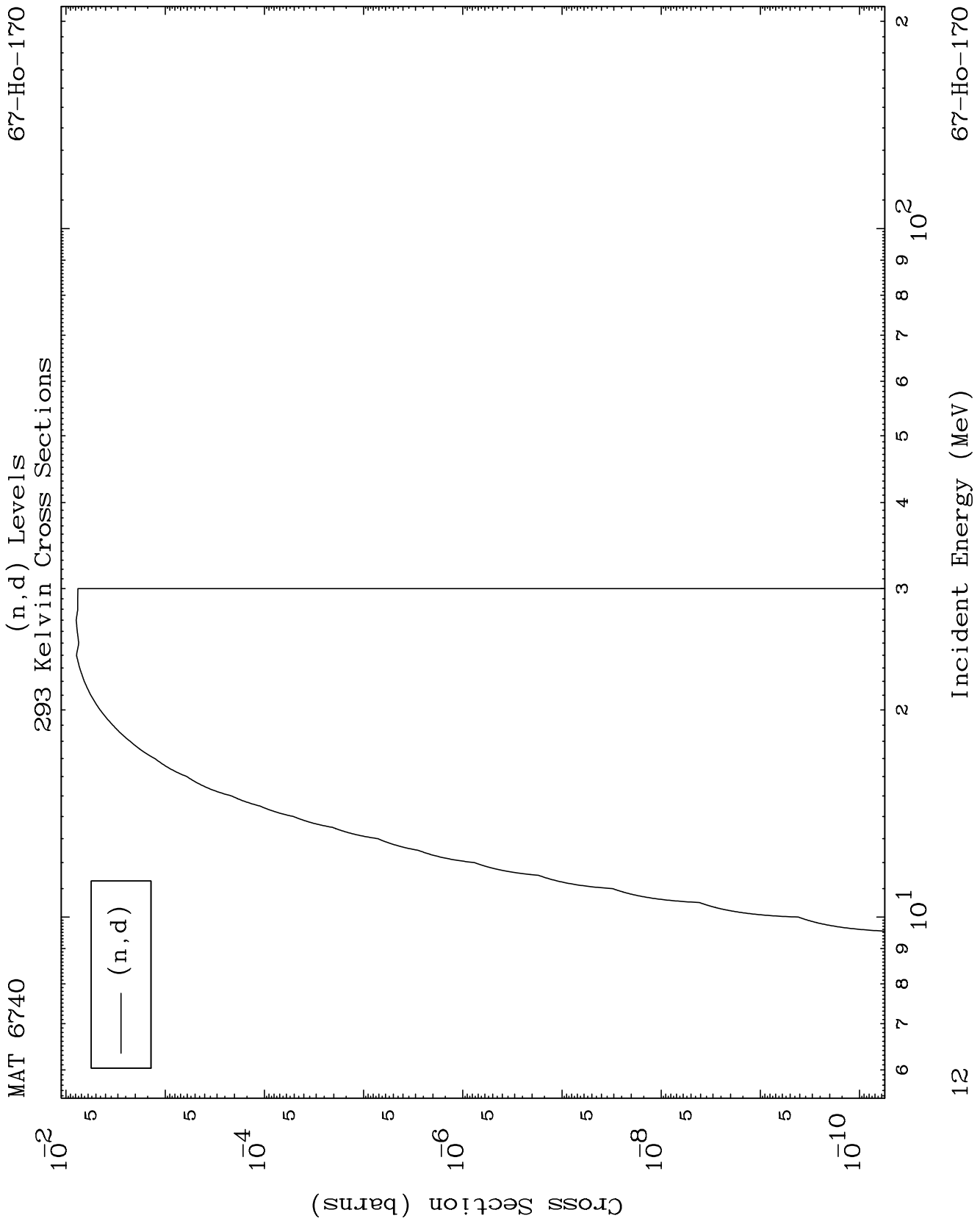
67-Ho-170



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Incident Energy (MeV)

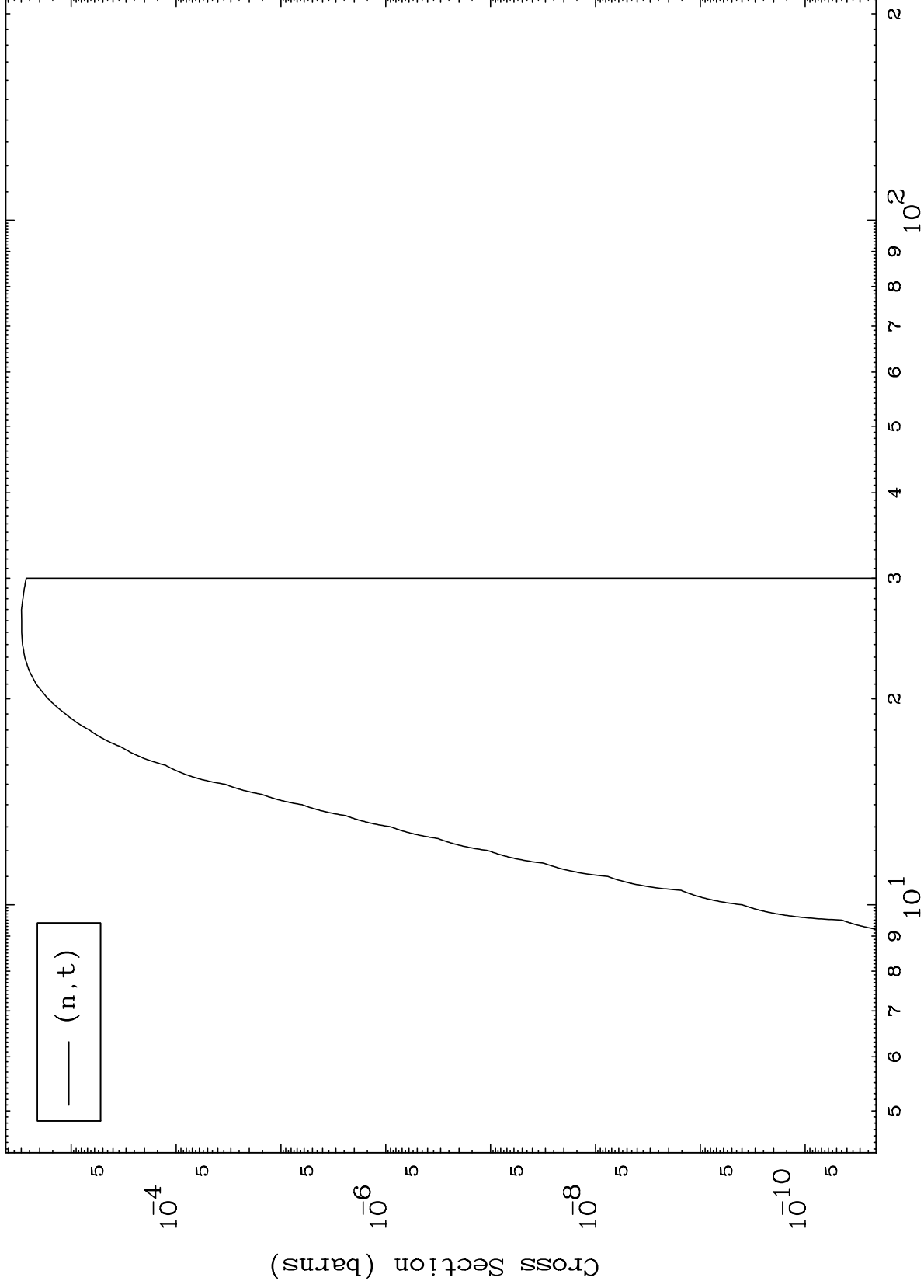
67-Ho-170



MAT 6740

(n,t) Levels
293 Kelvin Cross Sections

67-Ho-170



13

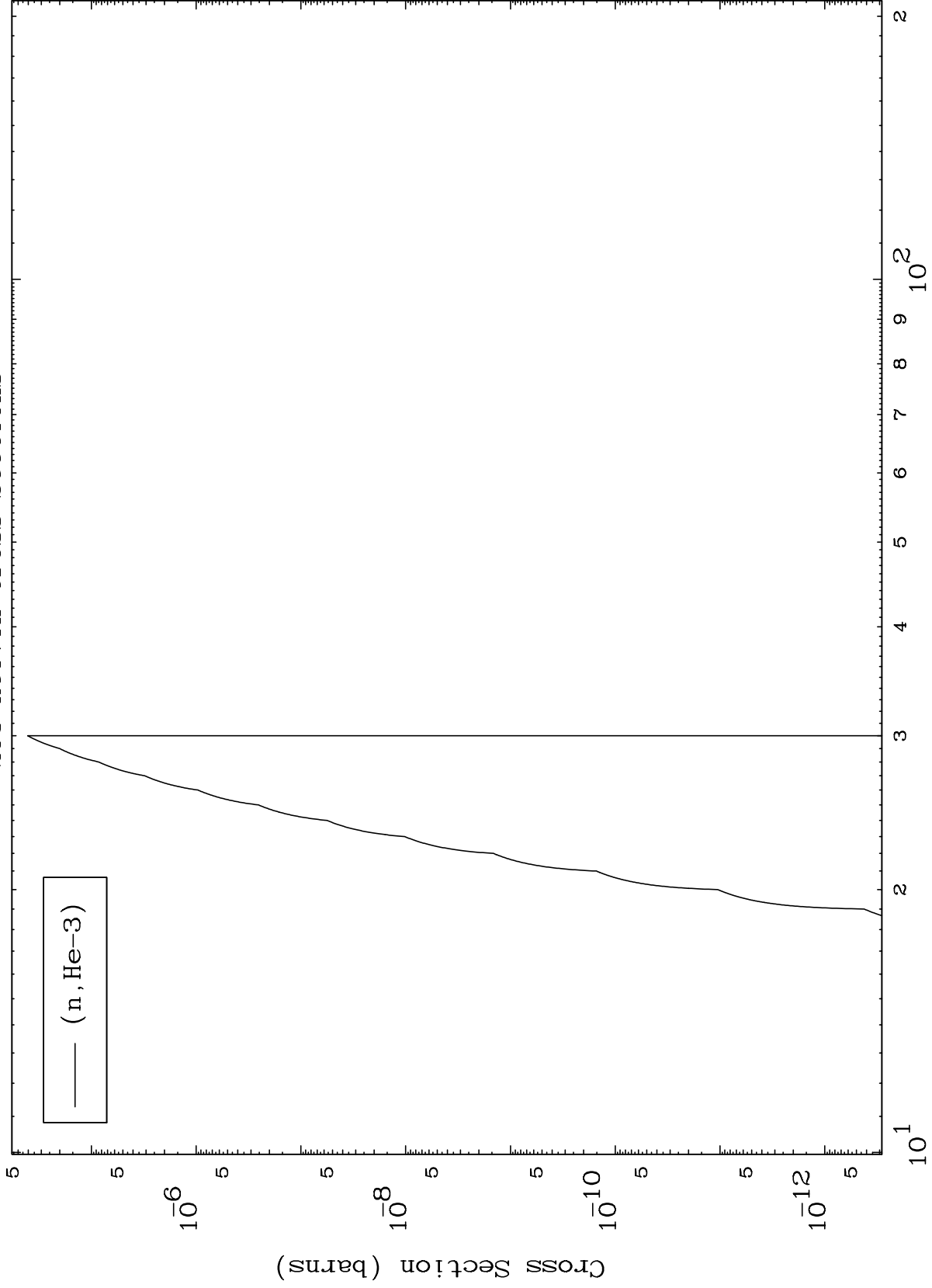
Incident Energy (MeV)

67-Ho-170

MAT 6740

(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-170



14

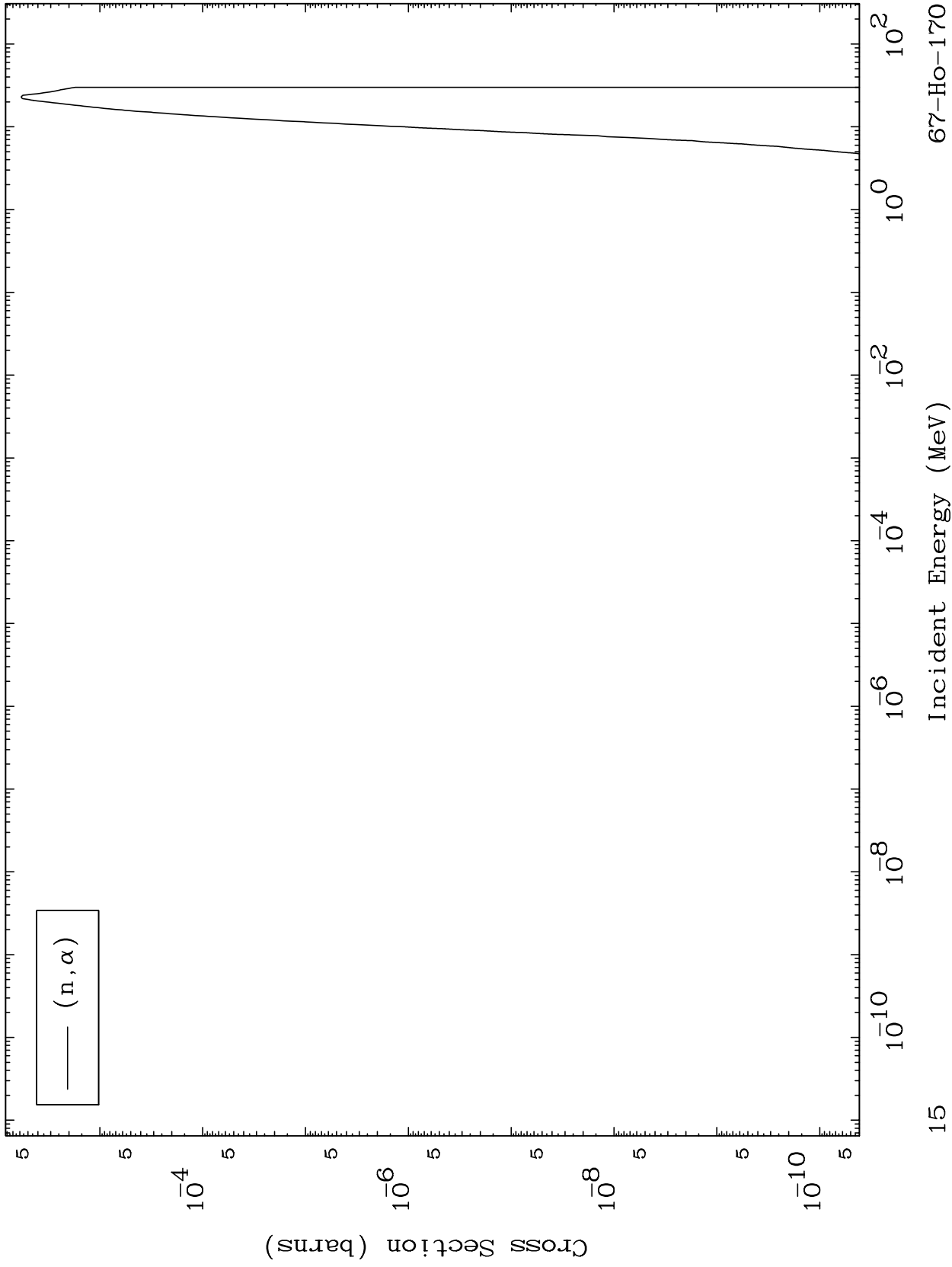
Incident Energy (MeV)

67-Ho-170

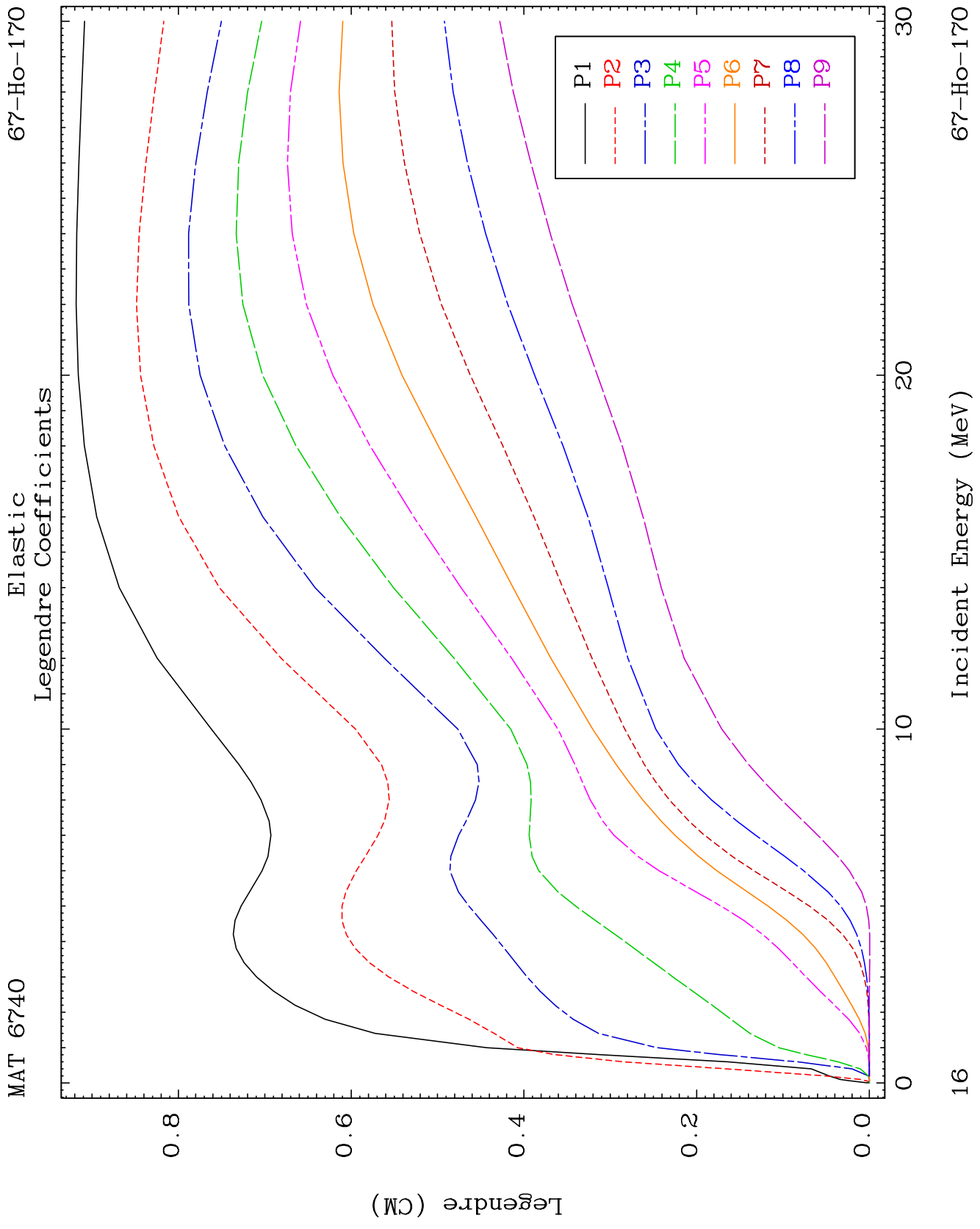
MAT 6740

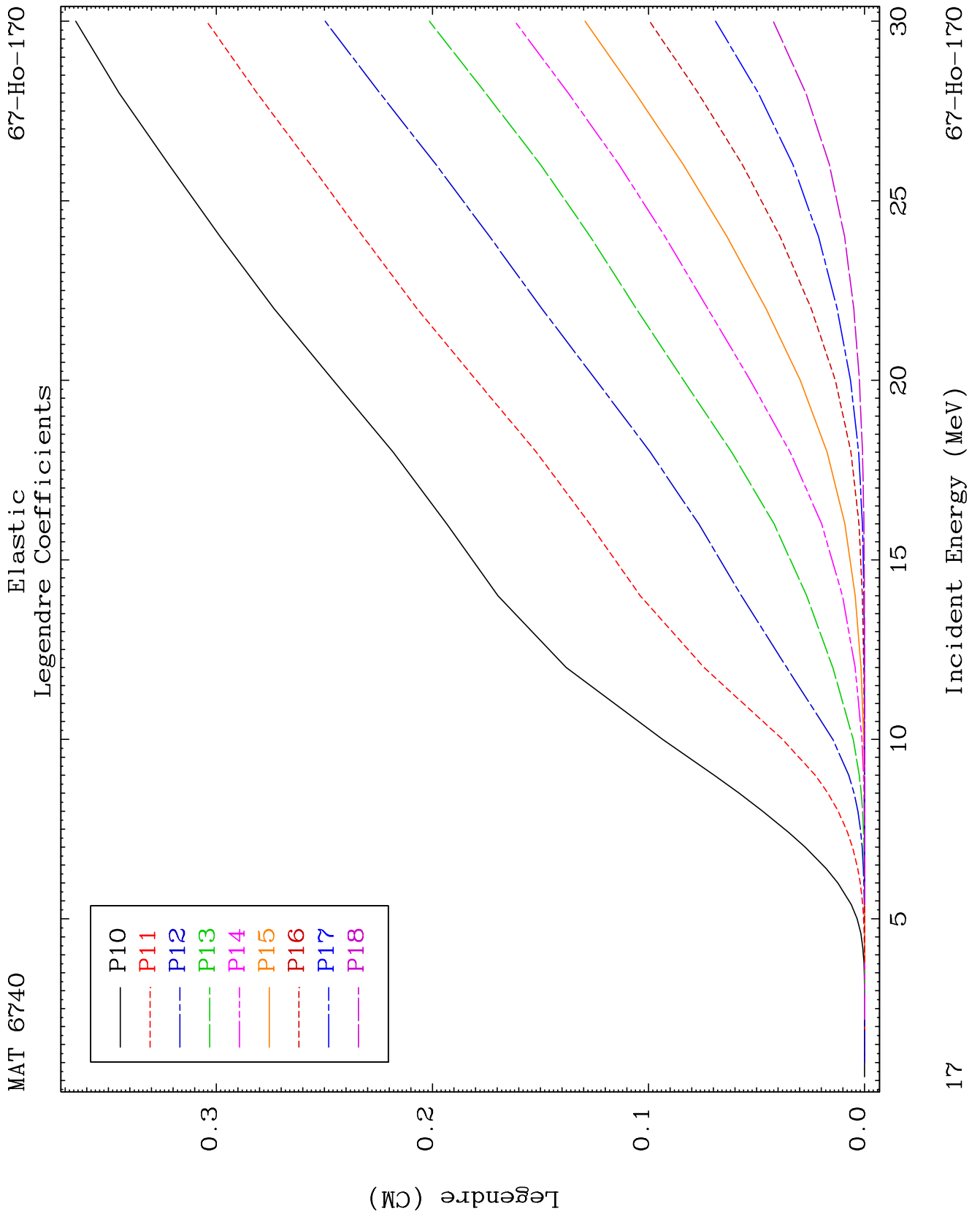
(n, α) Levels
293 Kelvin Cross Sections

67-Ho-170



15

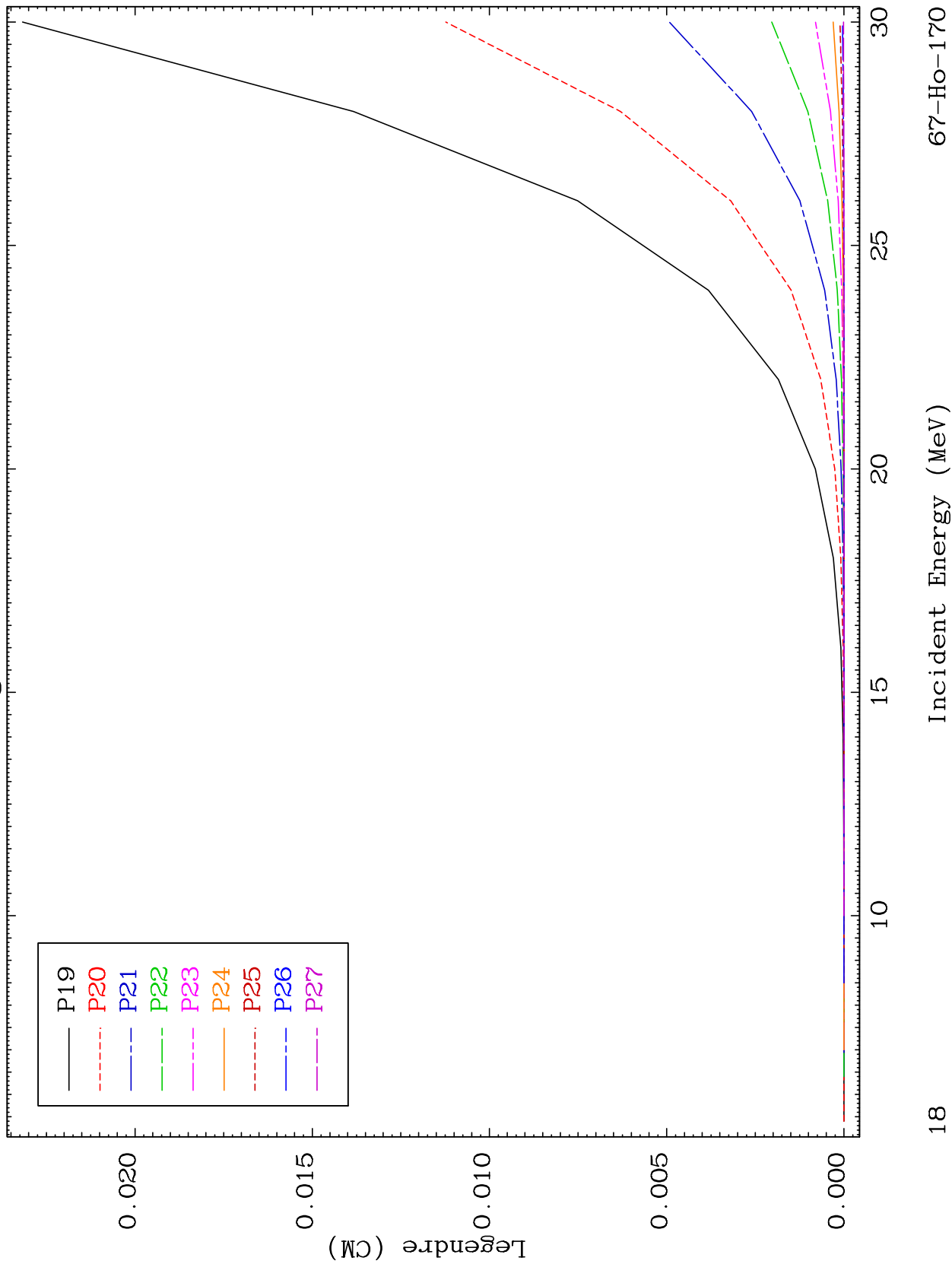




MAT 6740

Elastic Legendre Coefficients

67-Ho-170



18

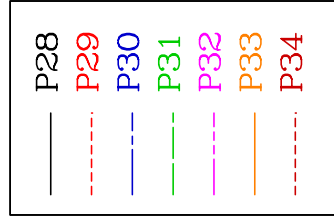
Incident Energy (MeV)

67-Ho-170

MAT 6740

Elastic
Legendre Coefficients

67-Ho-170



$\times 10^{-6}$

Legendre (CM)

10

15

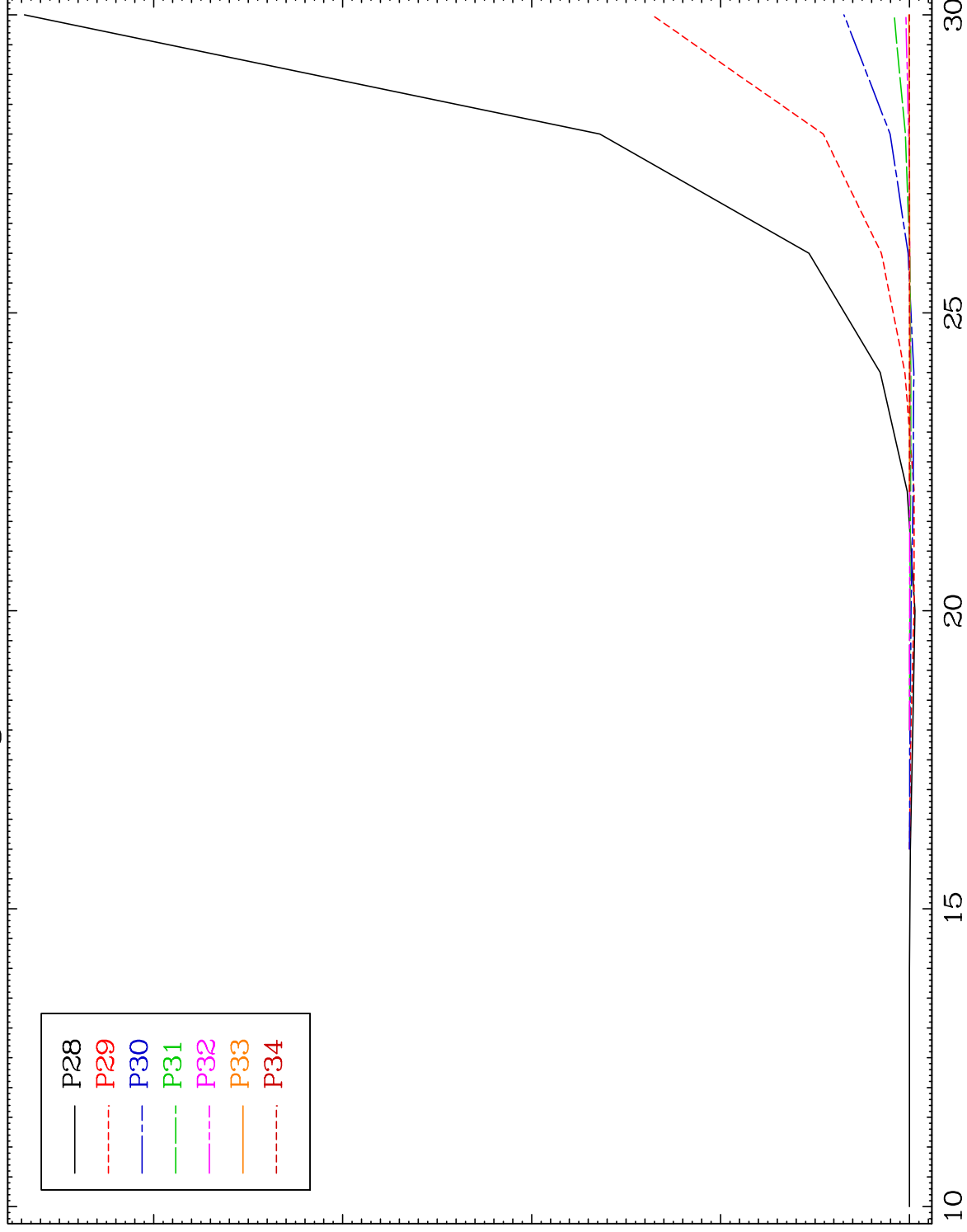
20

25

30

Incident Energy (MeV)

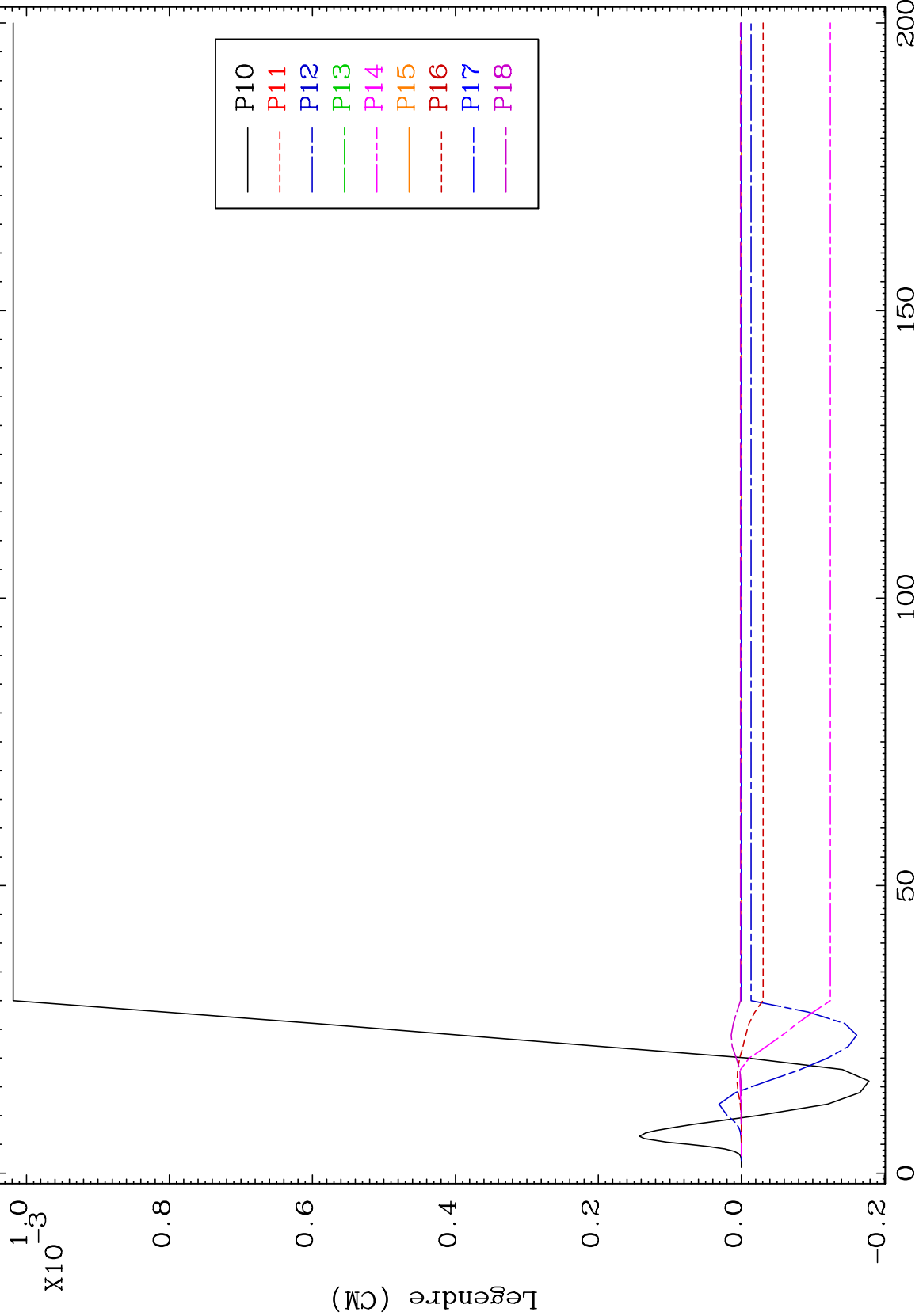
67-Ho-170



MAT 6740

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

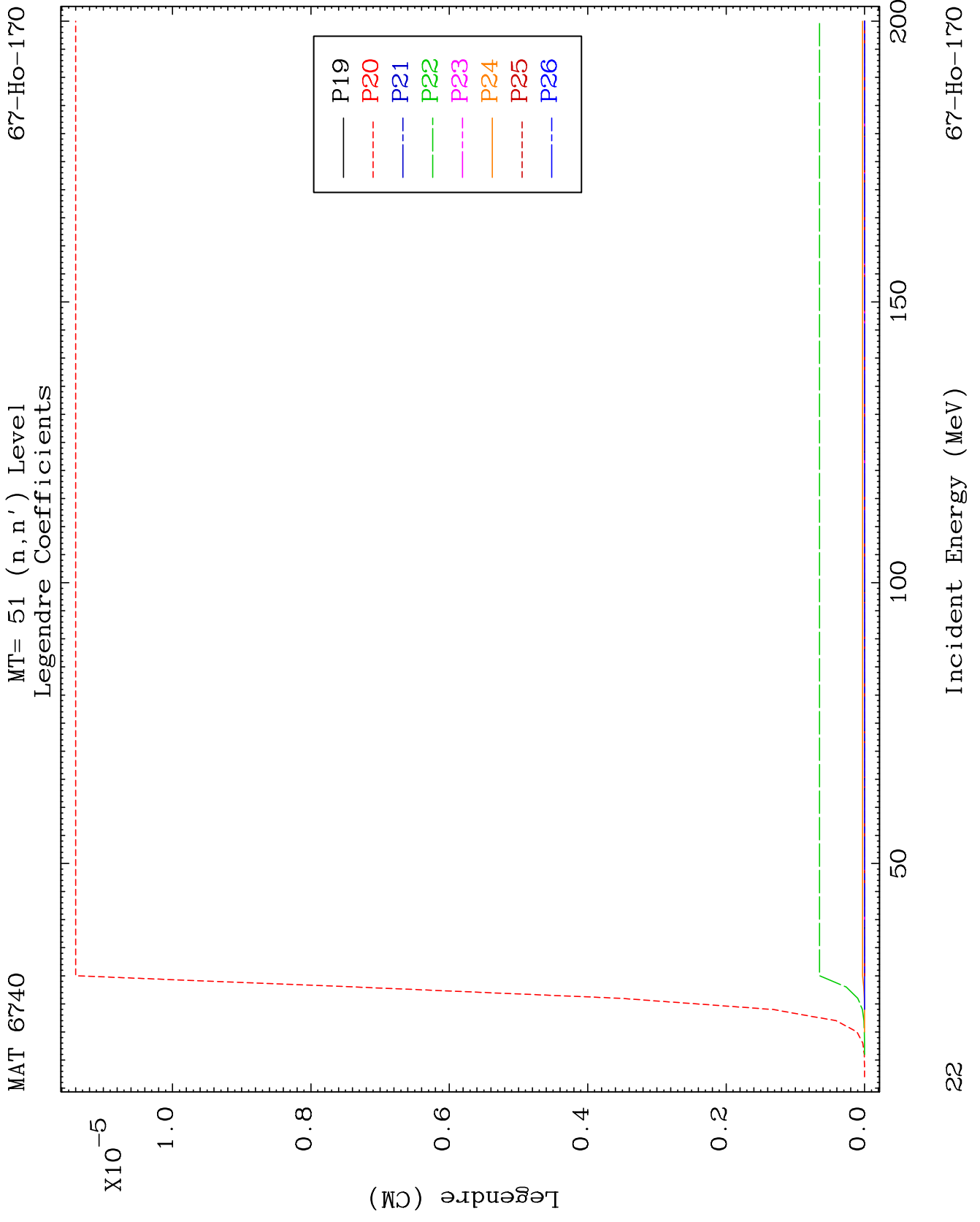
67-Ho-170



21

Incident Energy (MeV)

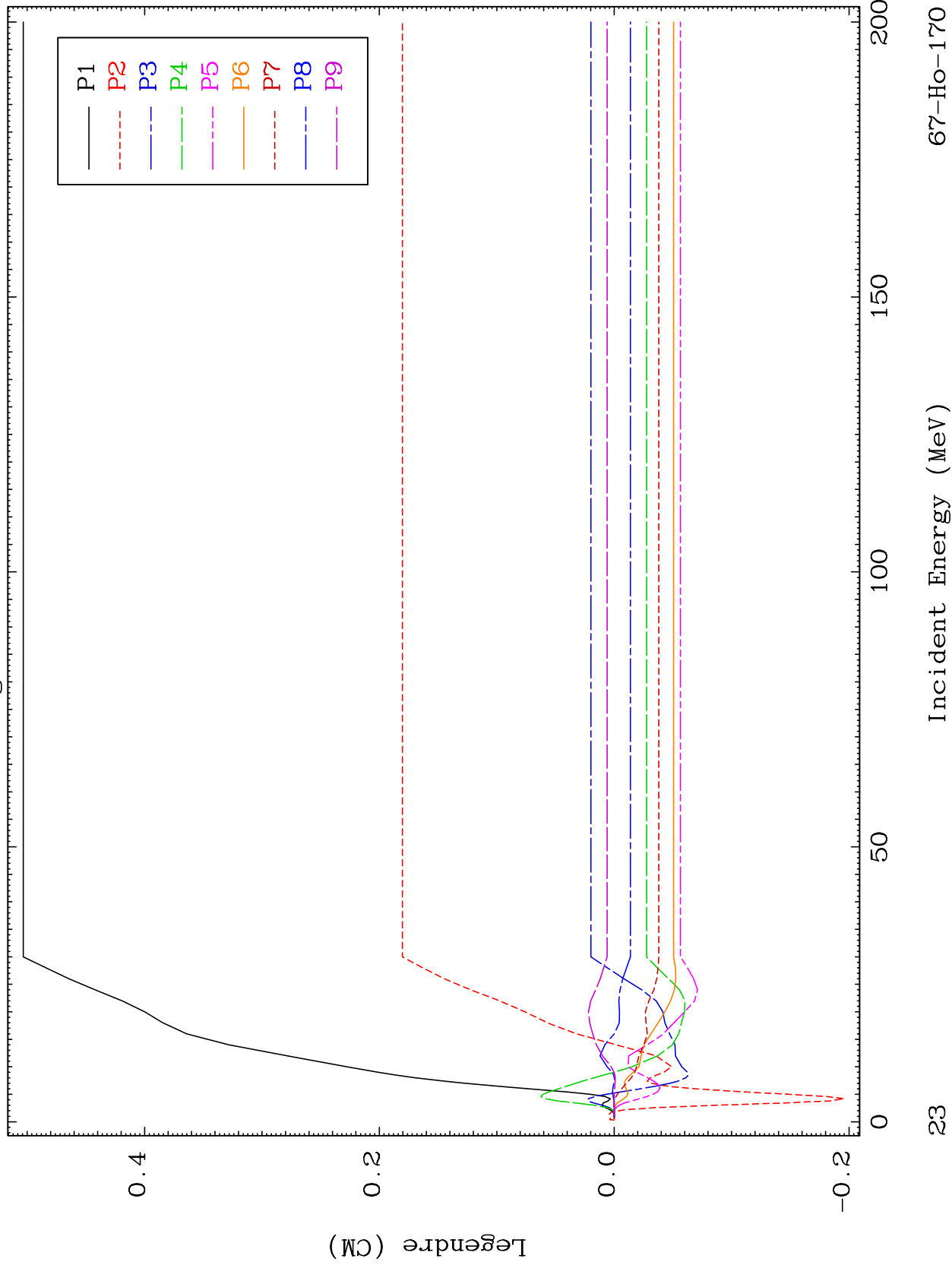
67-Ho-170



MAT 6740

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

67-Ho-170



67-Ho-170

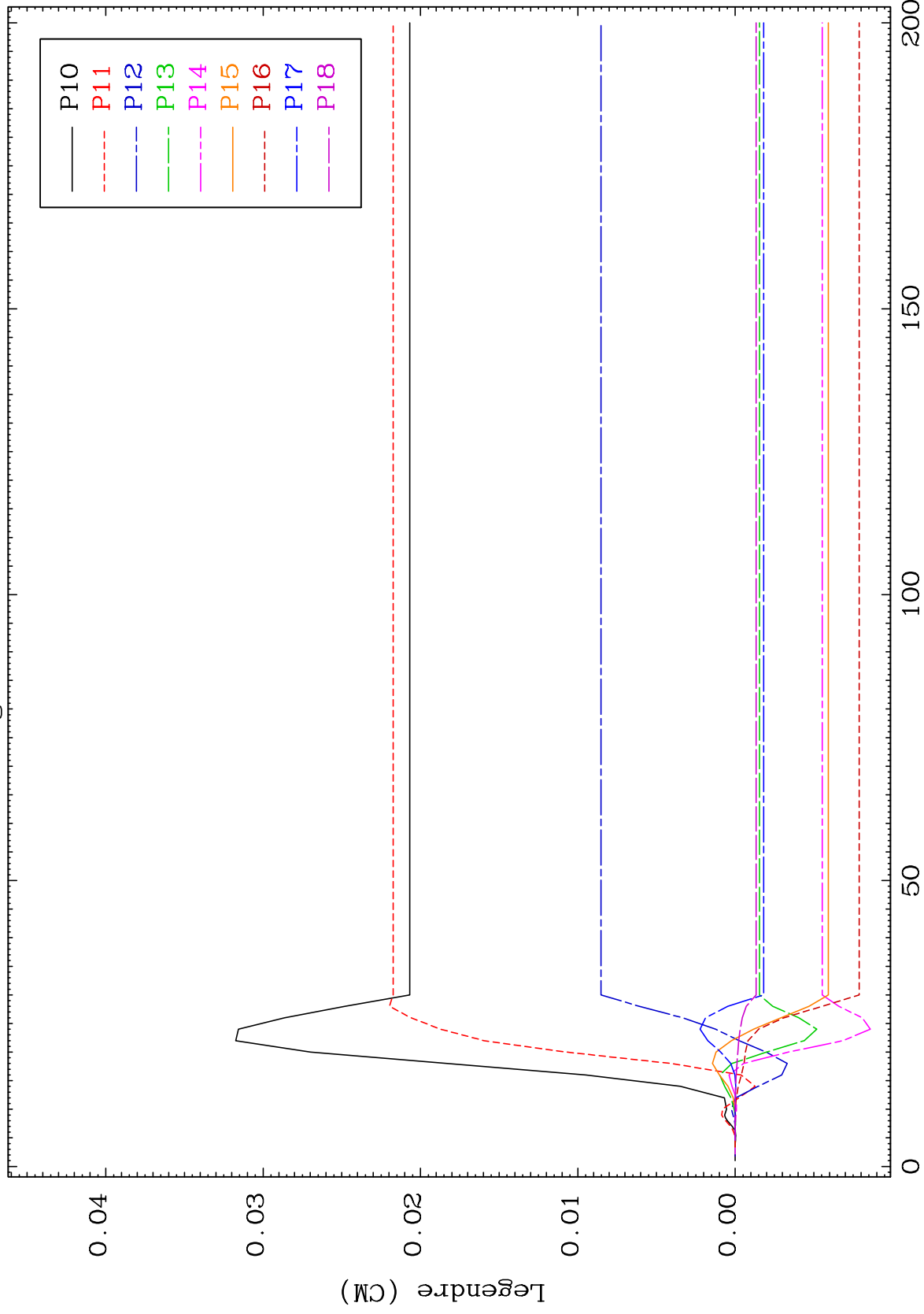
Incident Energy (MeV)

23

MAT 6740

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

67-Ho-170



24

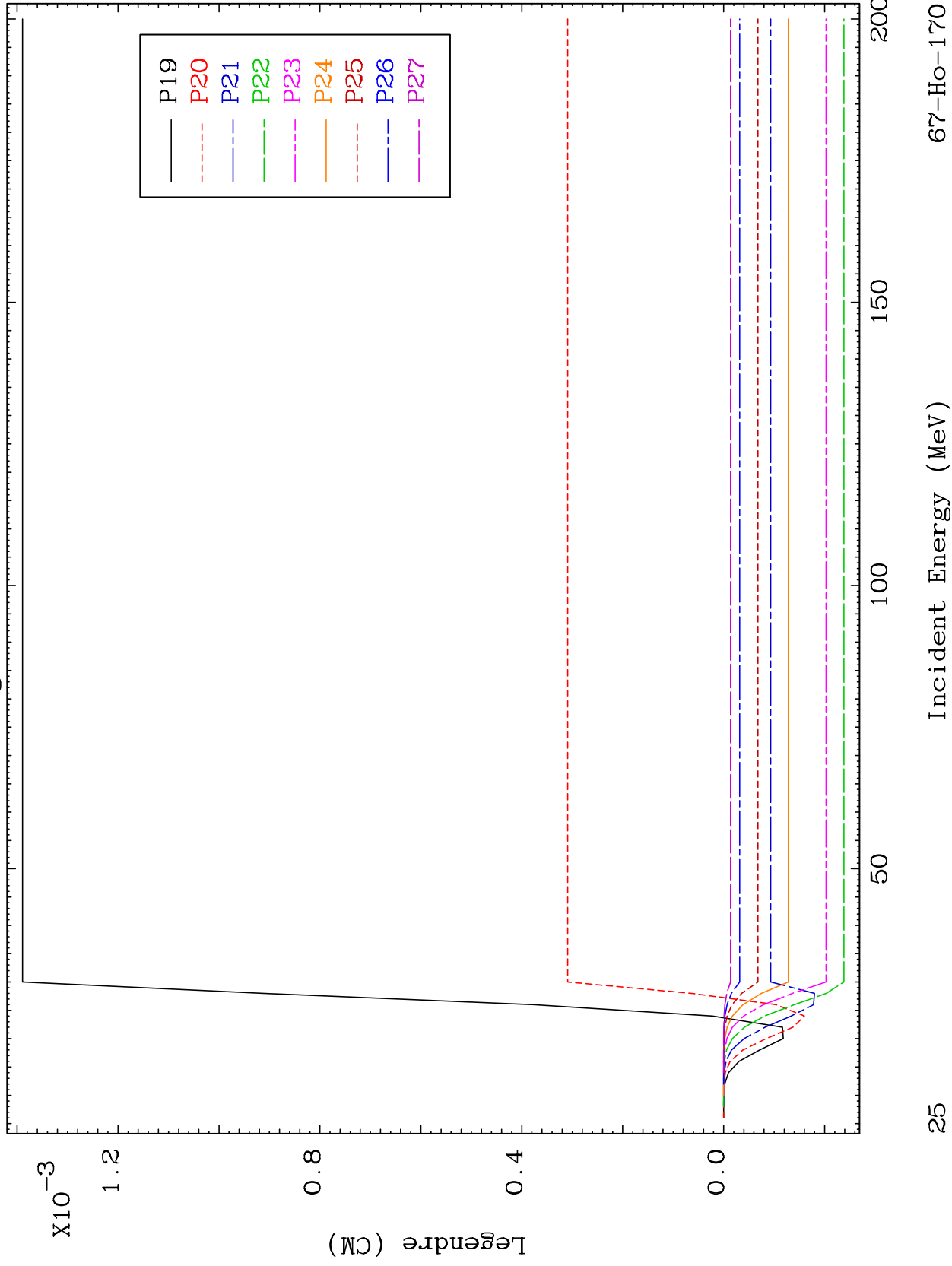
Incident Energy (MeV)

67-Ho-170

MAT 6740

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

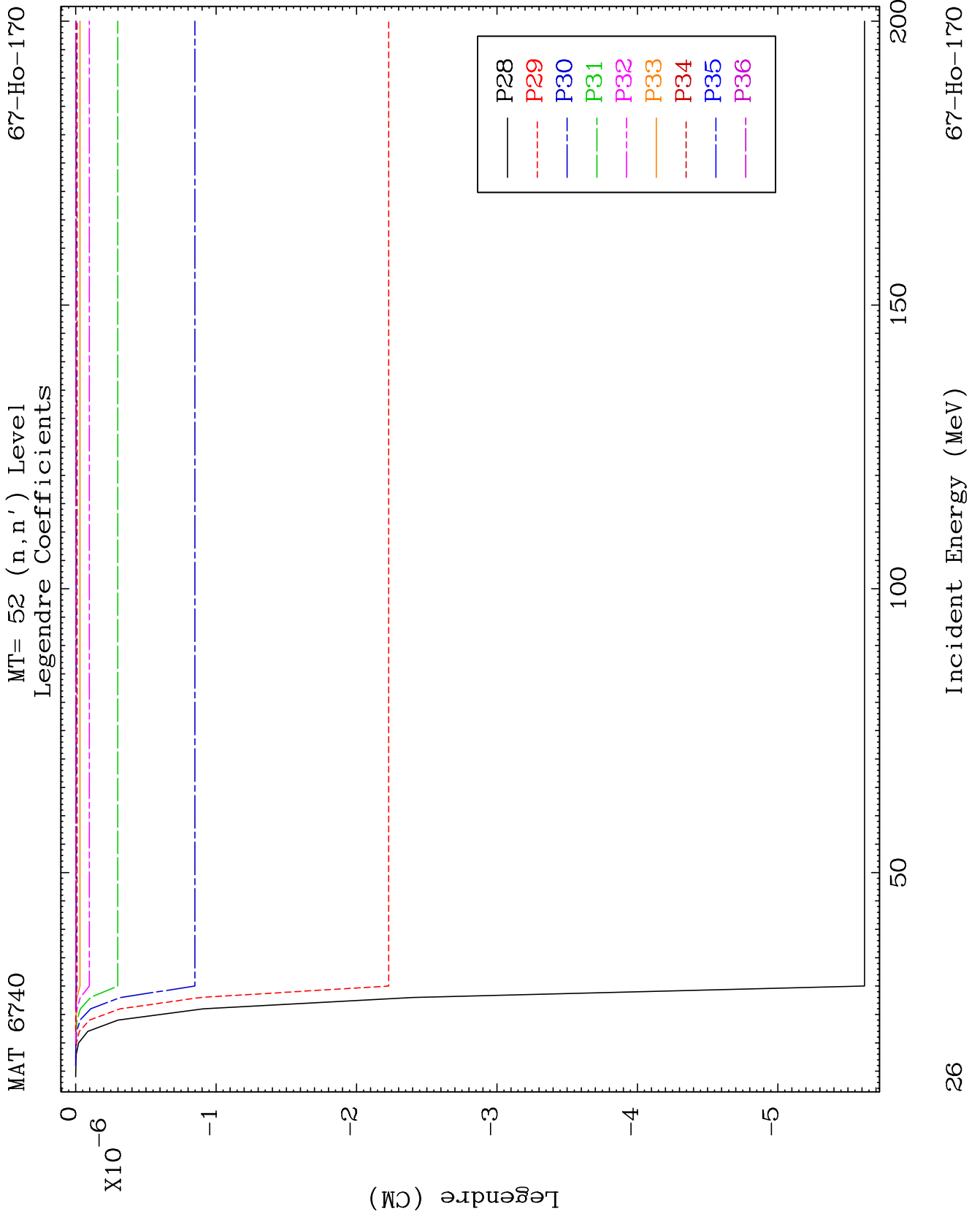
67-Ho-170

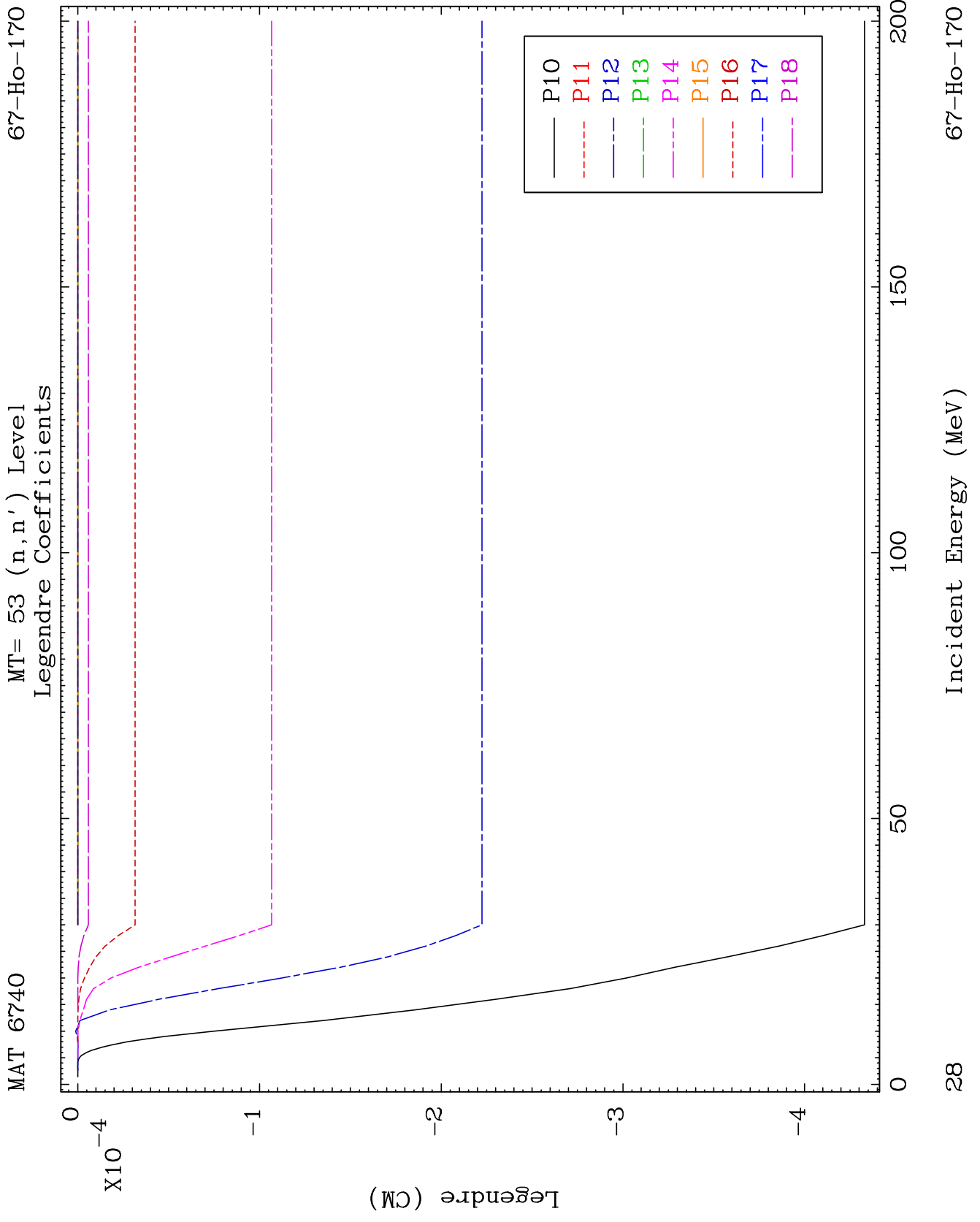


25

Incident Energy (MeV)

67-Ho-170

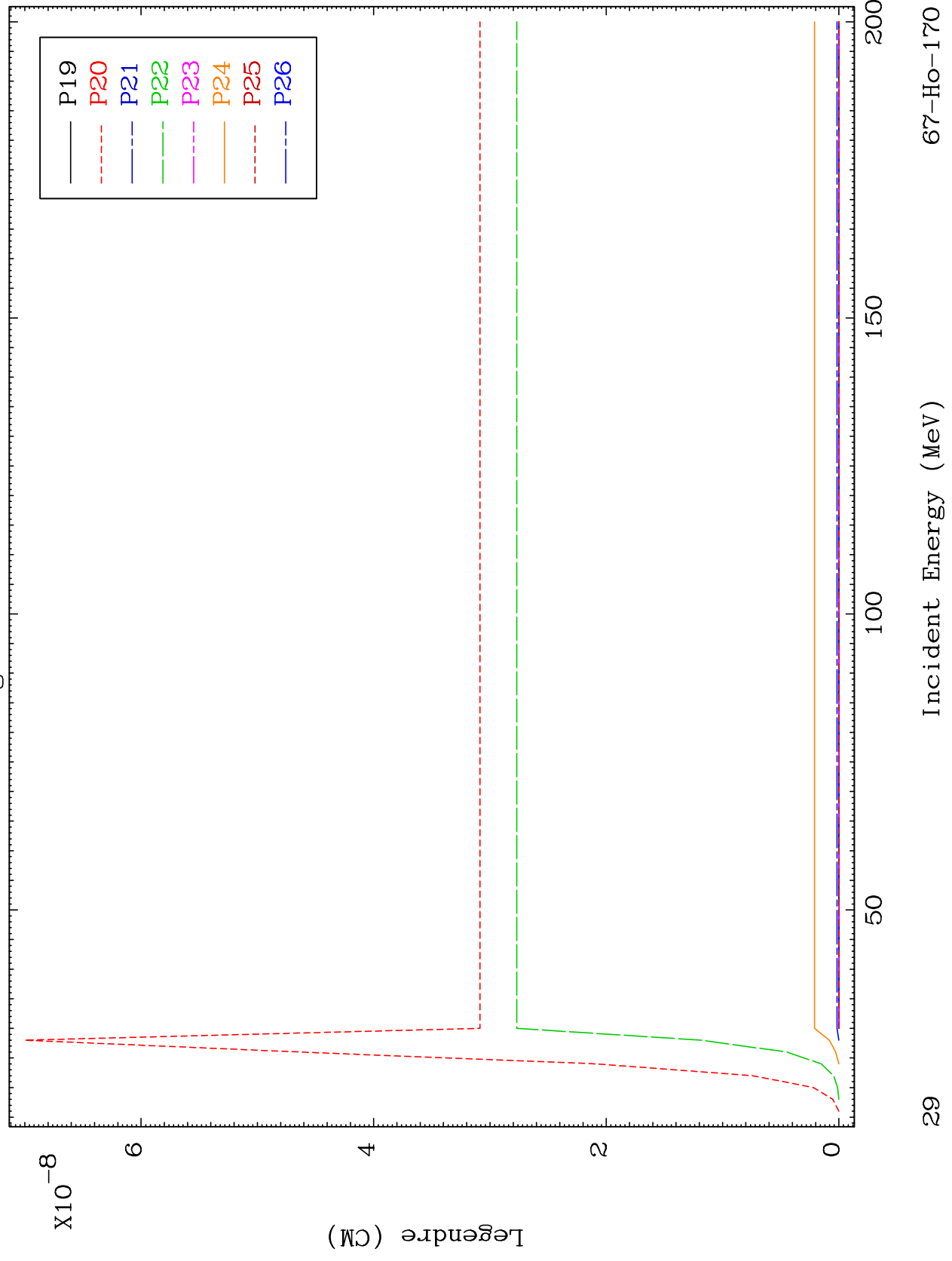




MAT 6740

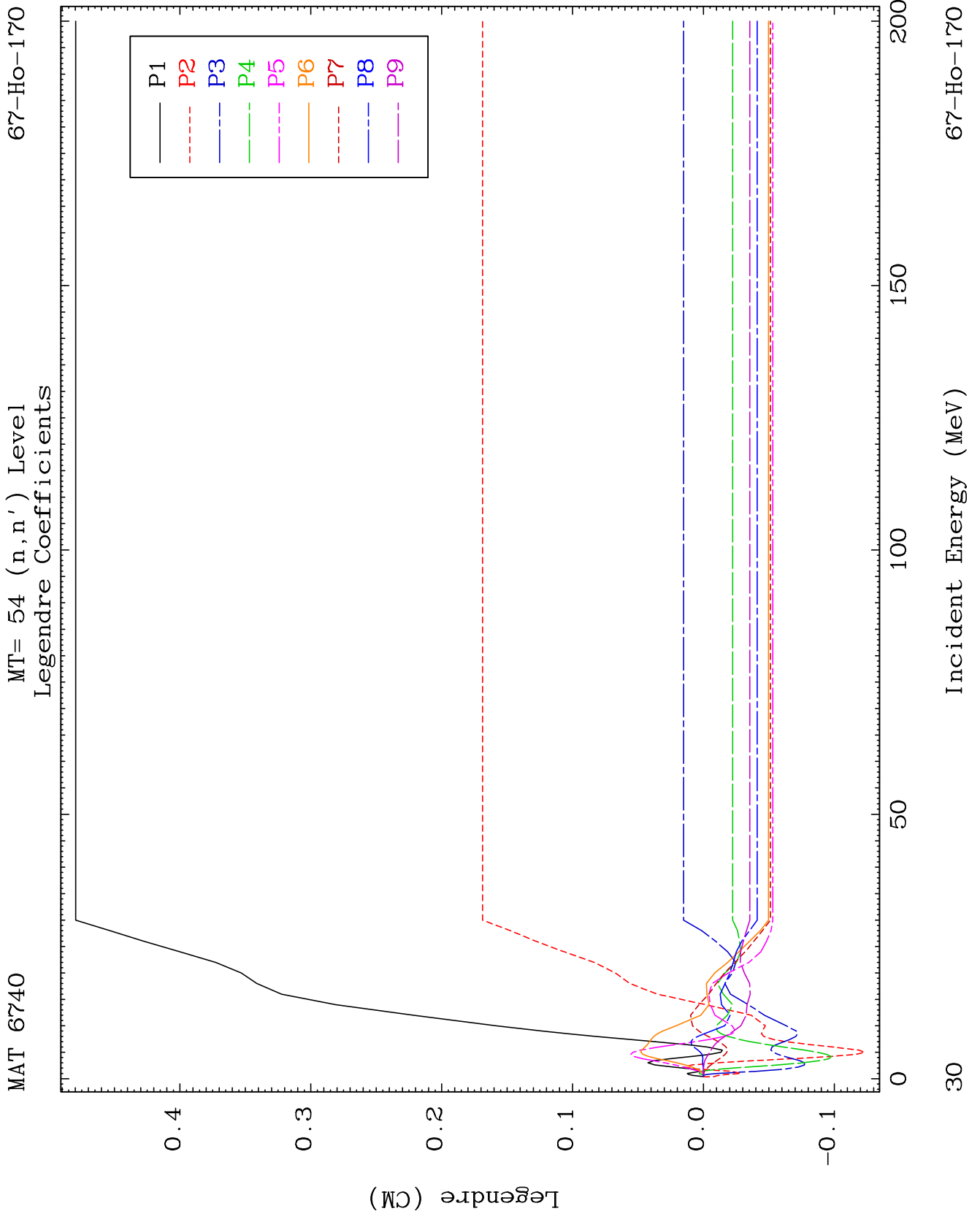
MT= 53 (n,n') Level
Legendre Coefficients

67-Ho-170



29

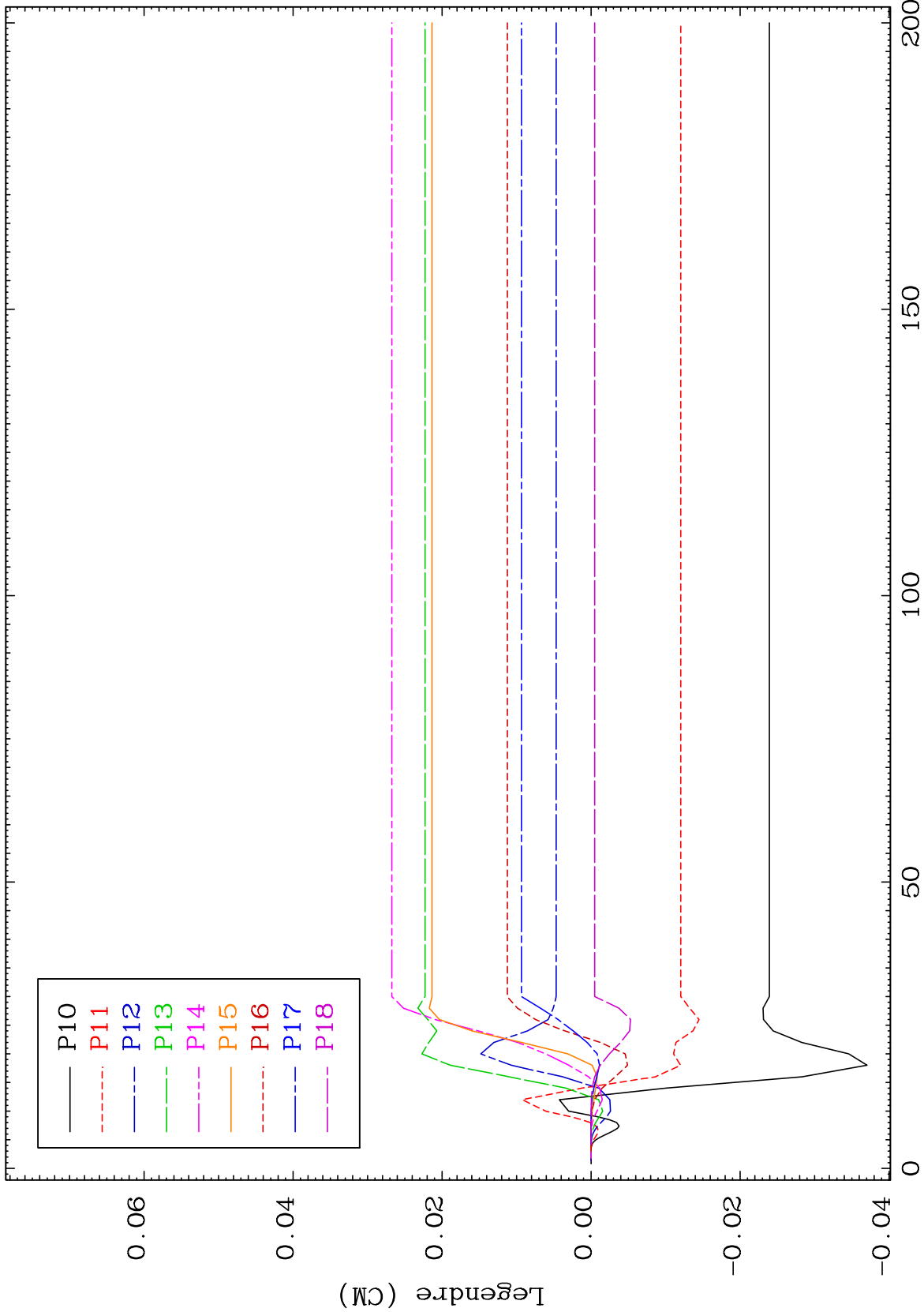
67-Ho-170



MAT 6740

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

67-Ho-170



31

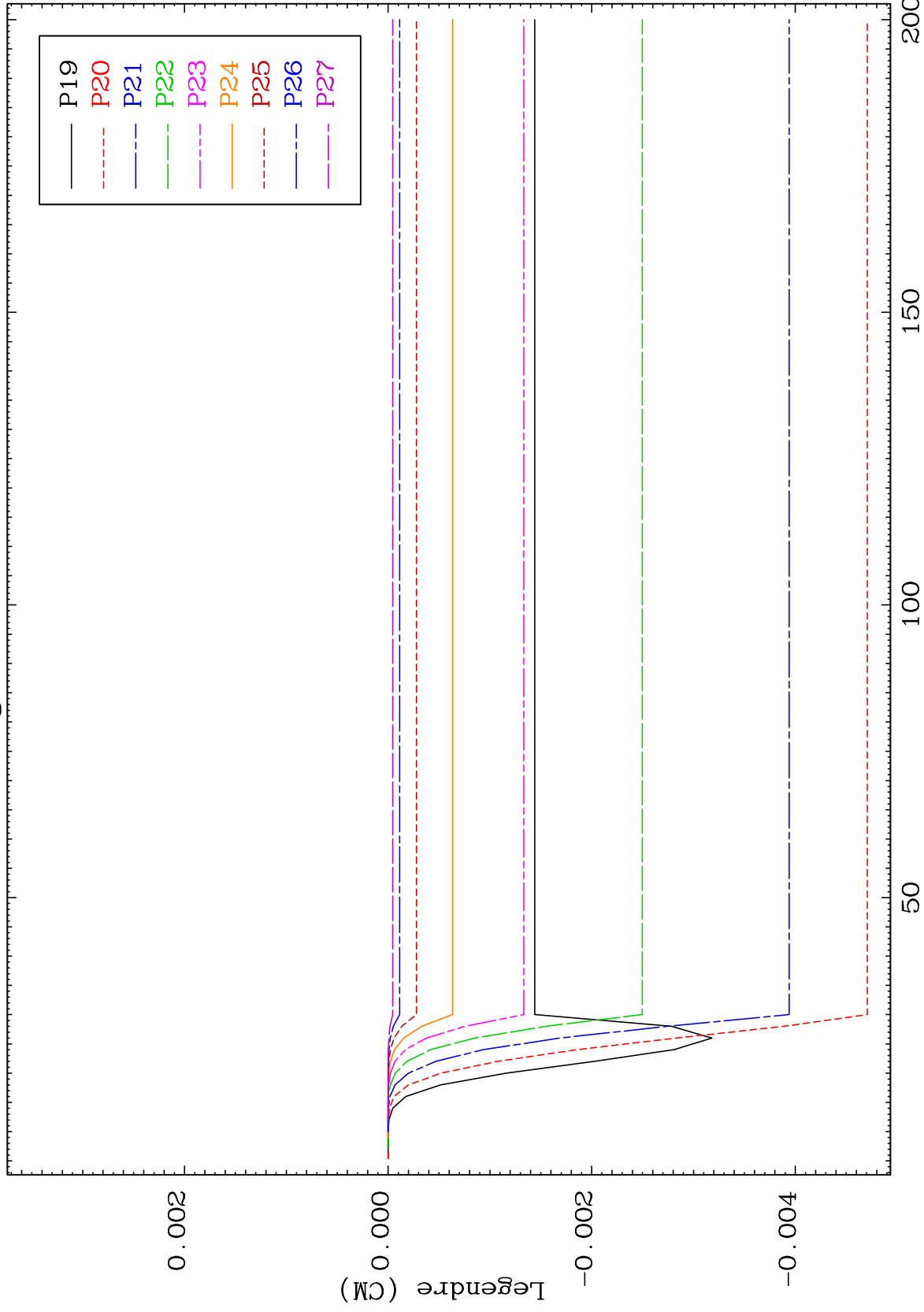
Incident Energy (MeV)

67-Ho-170

MAT 6740

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

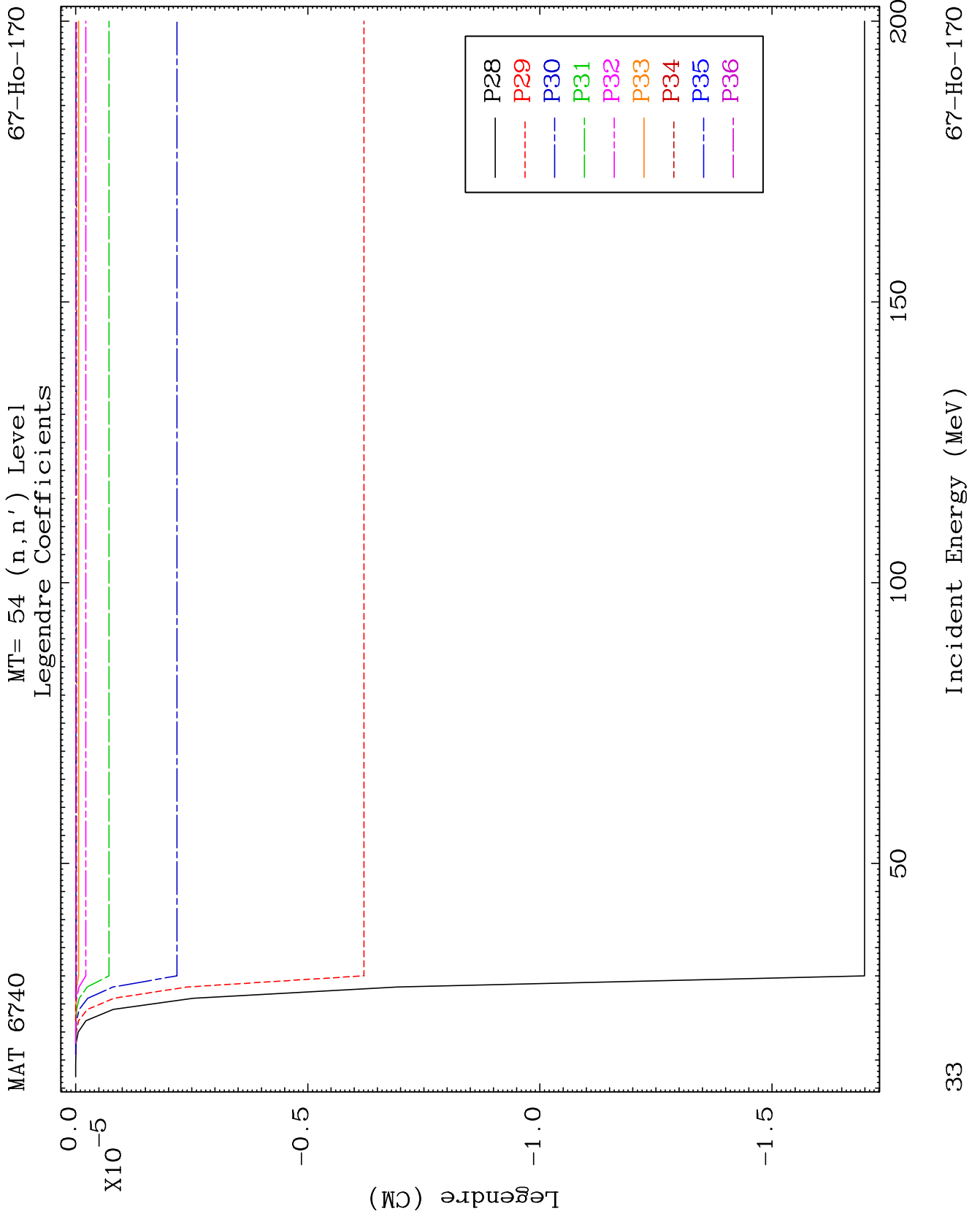
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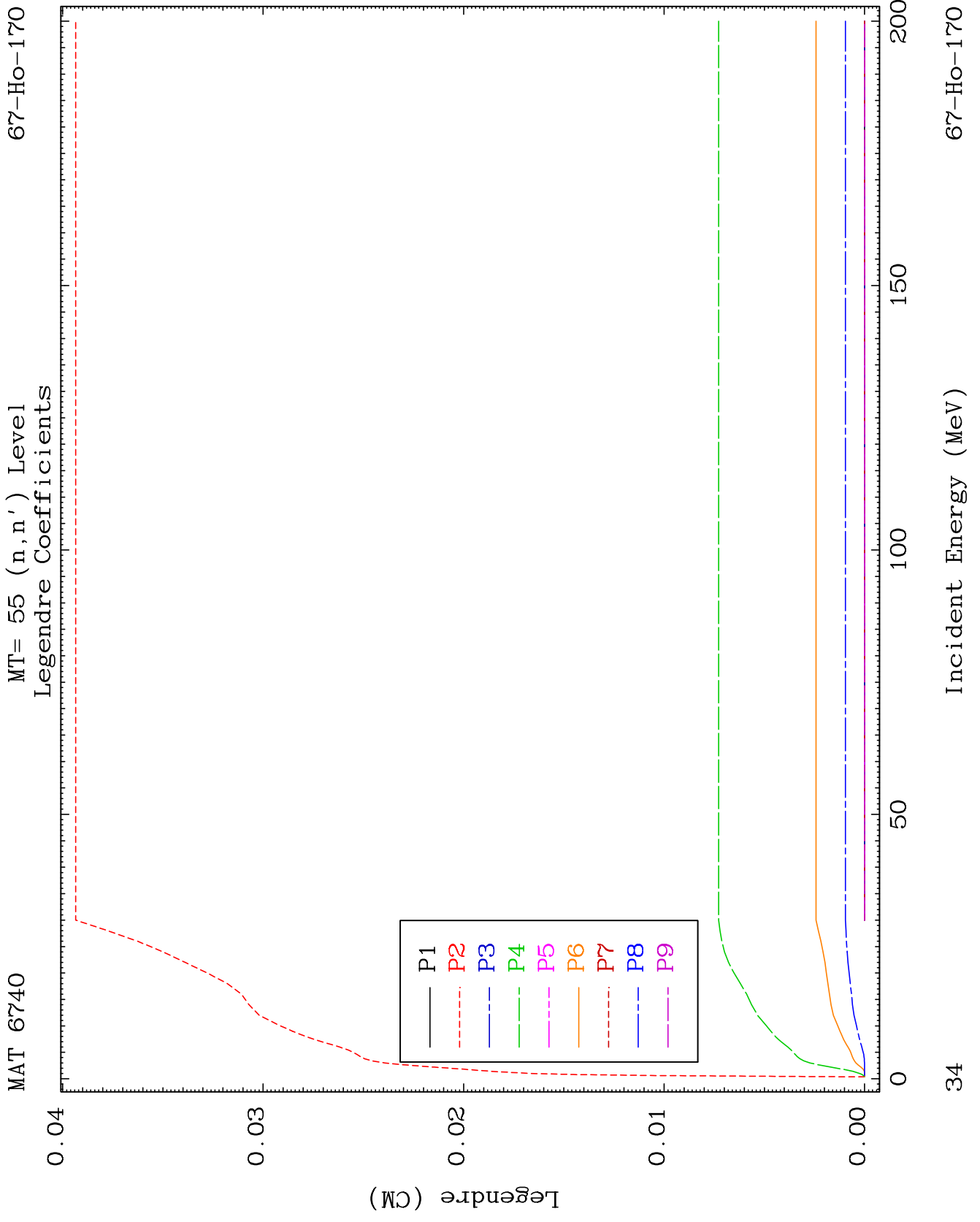


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Incident Energy (MeV)

67-Ho-170

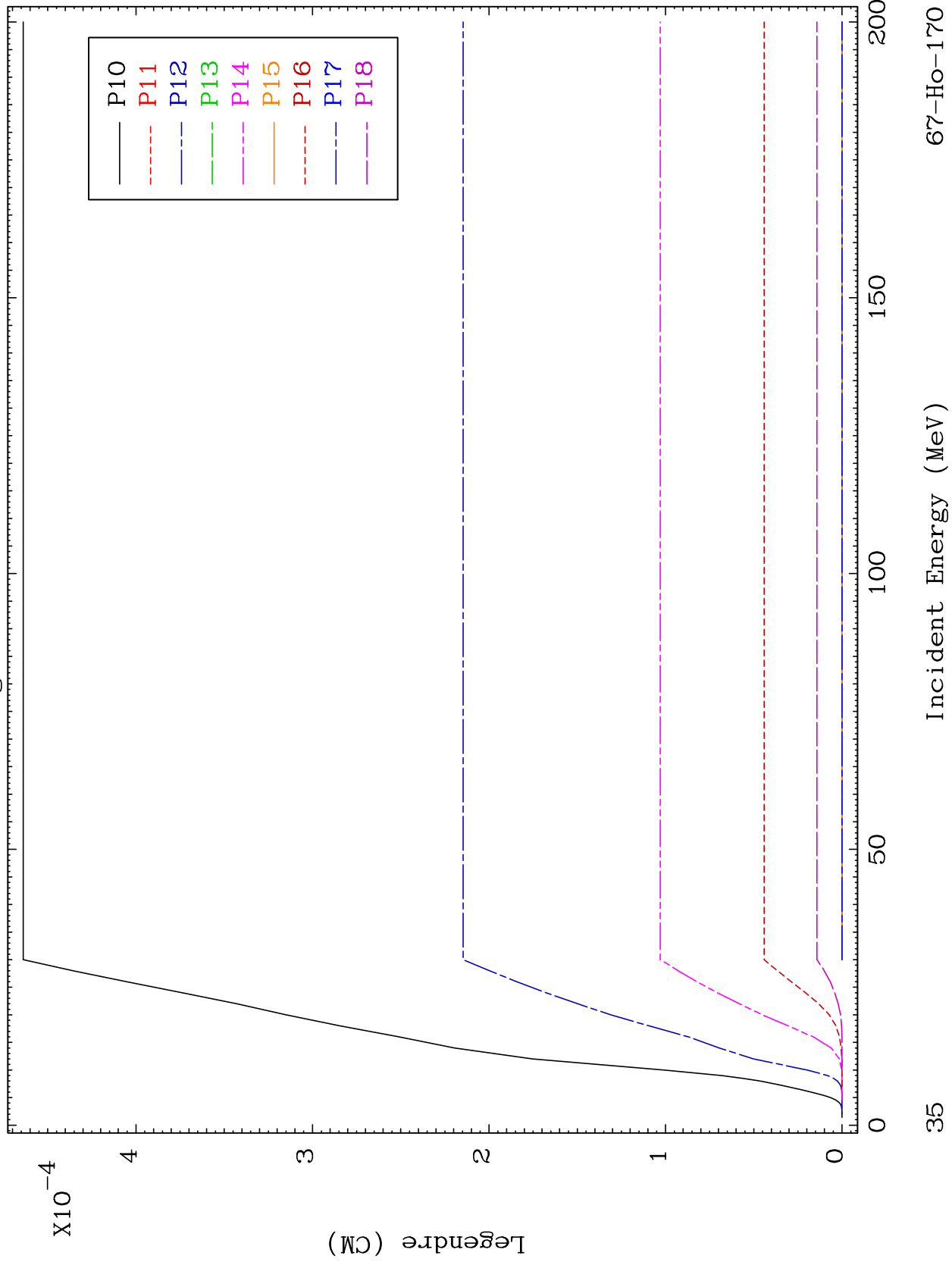




MAT 6740

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

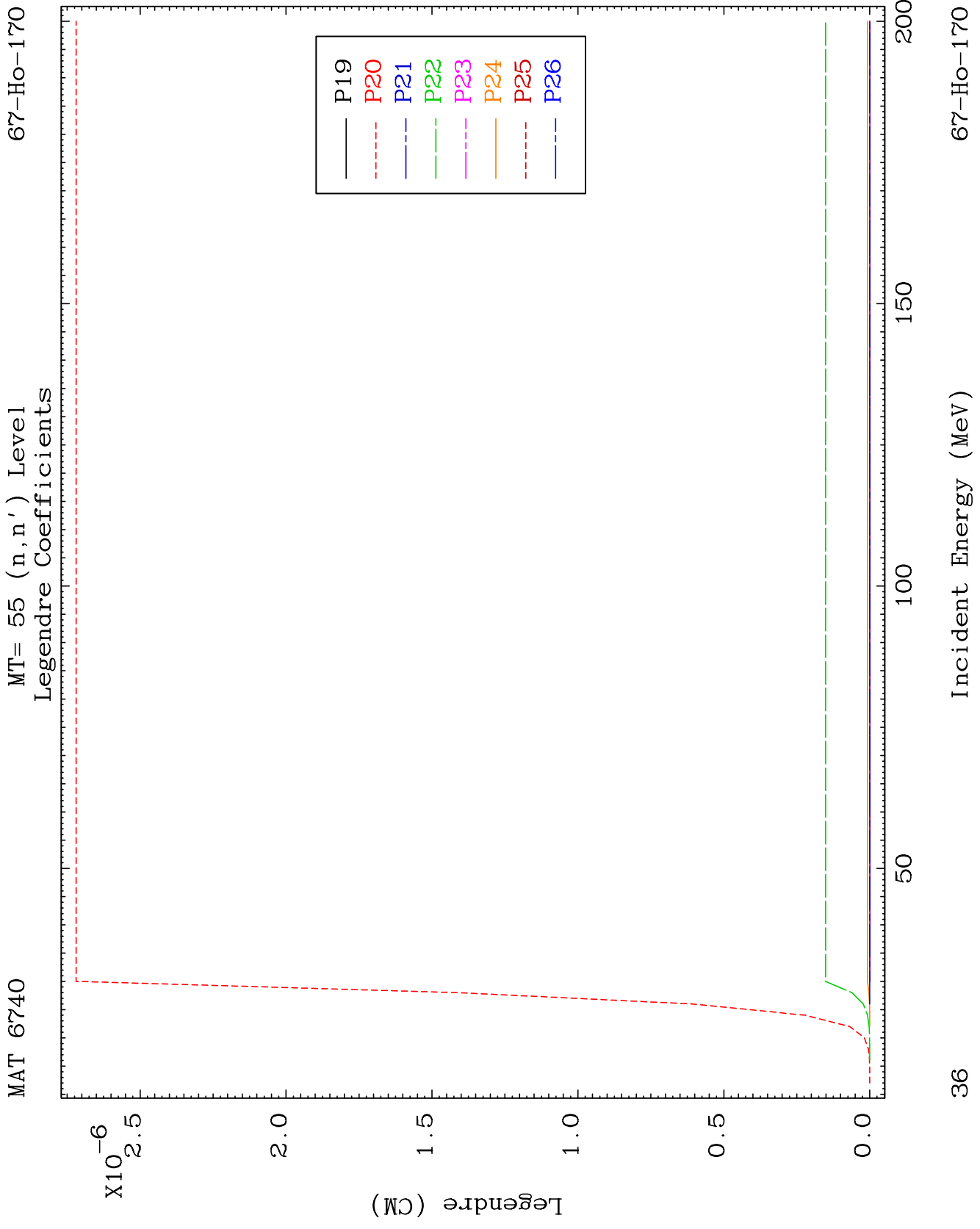
67-Ho-170



67-Ho-170

Incident Energy (MeV)

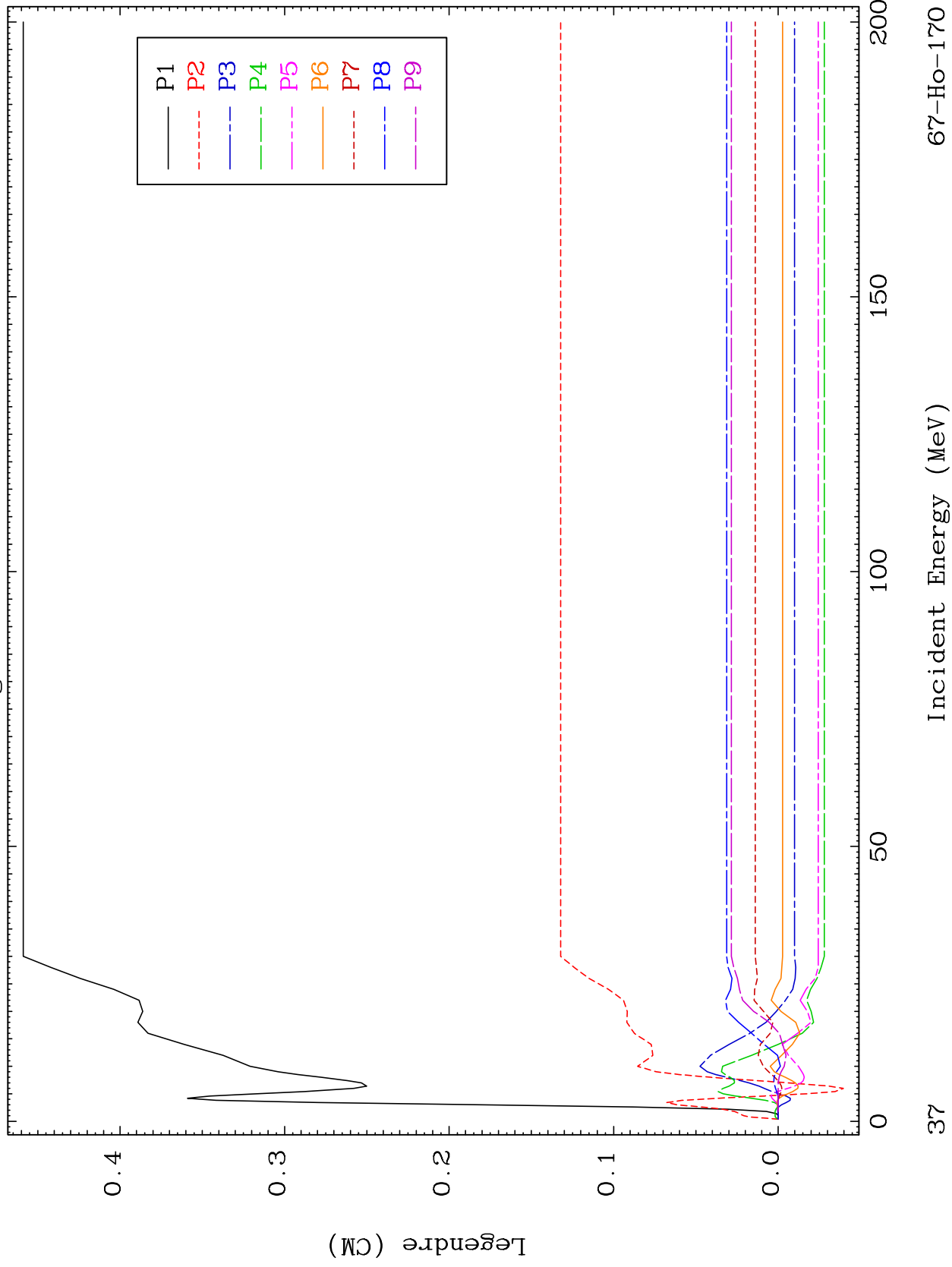
35



MAT 6740

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

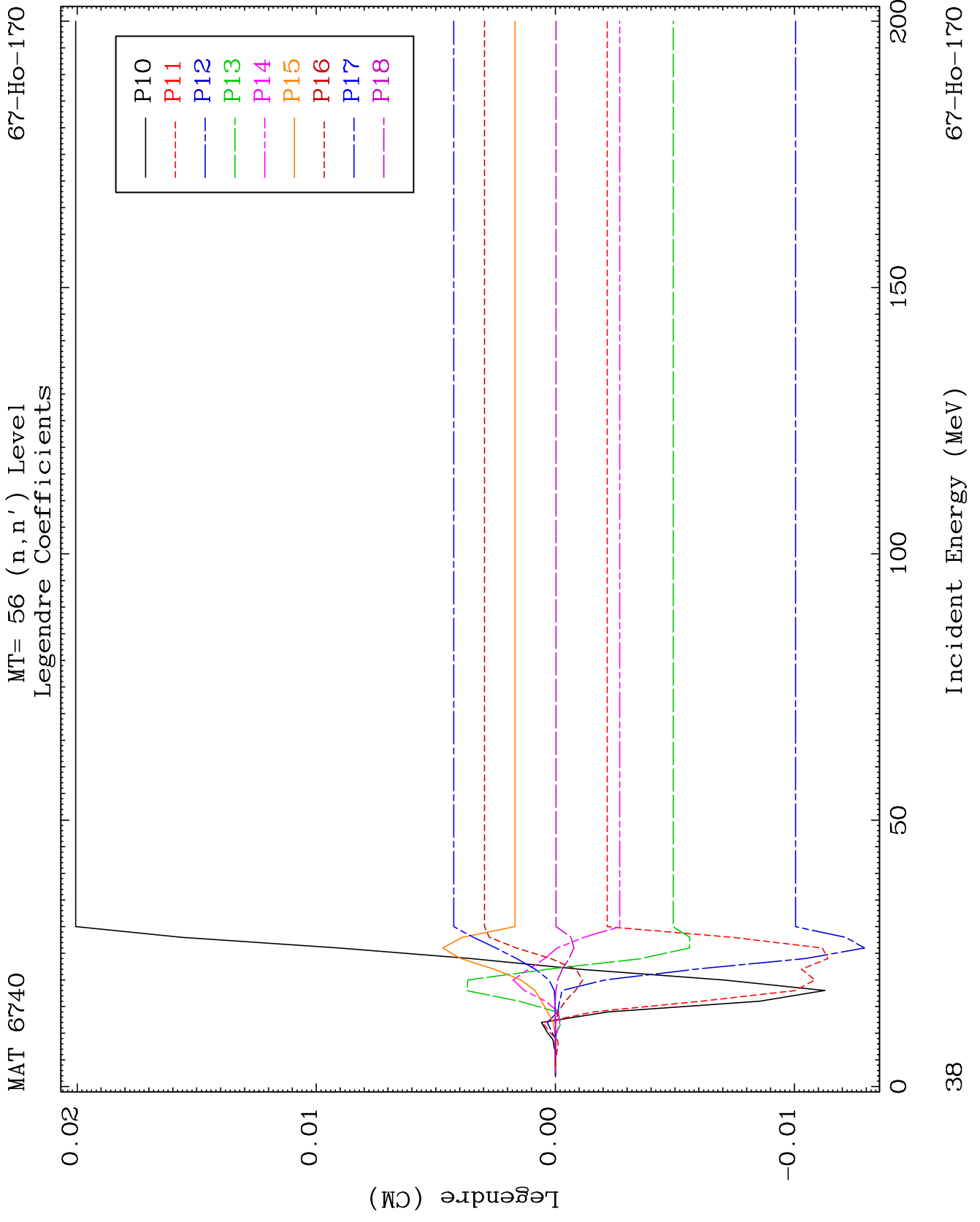
67-Ho-170



37

Incident Energy (MeV)

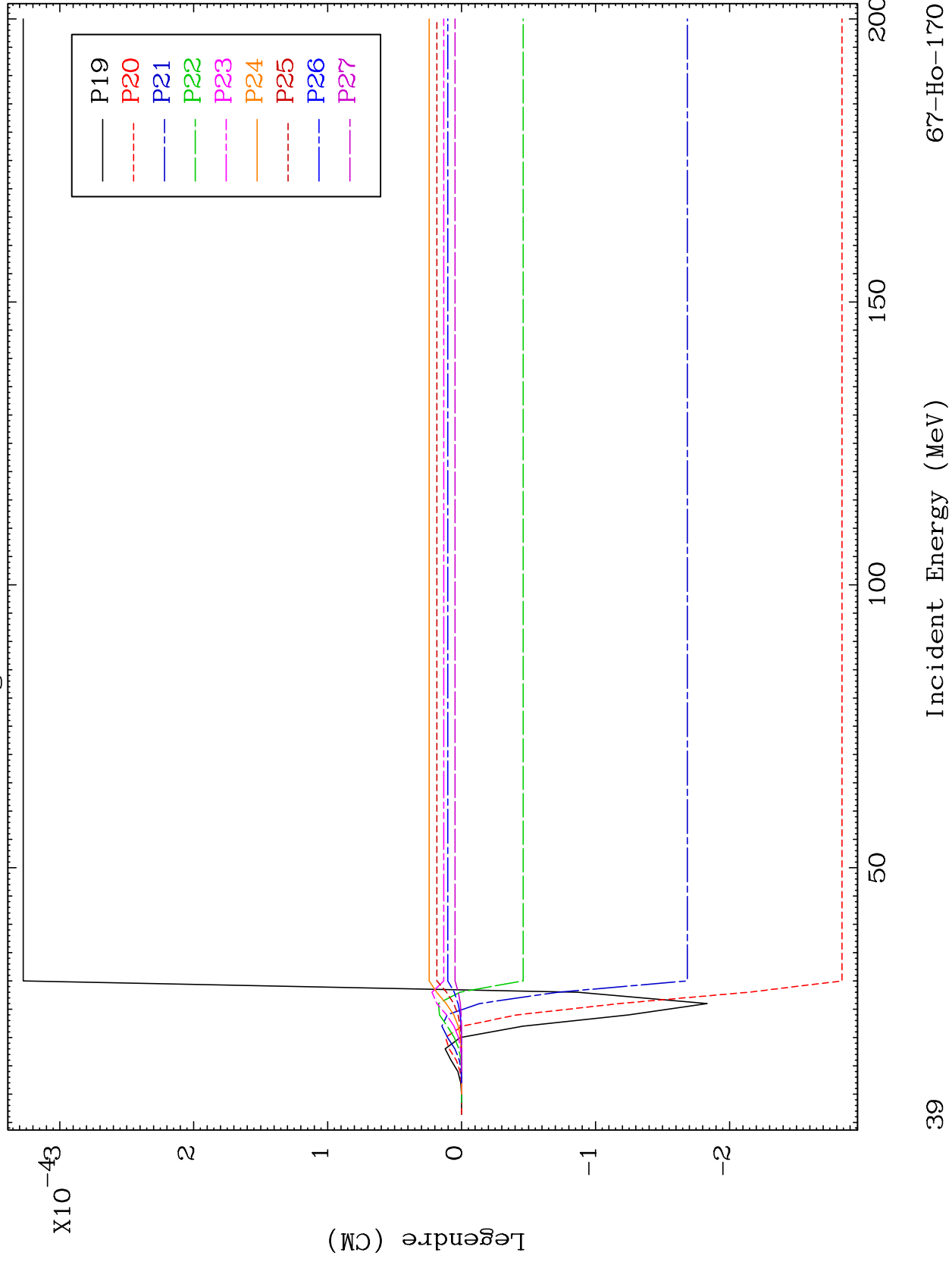
67-Ho-170



MAT 6740

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

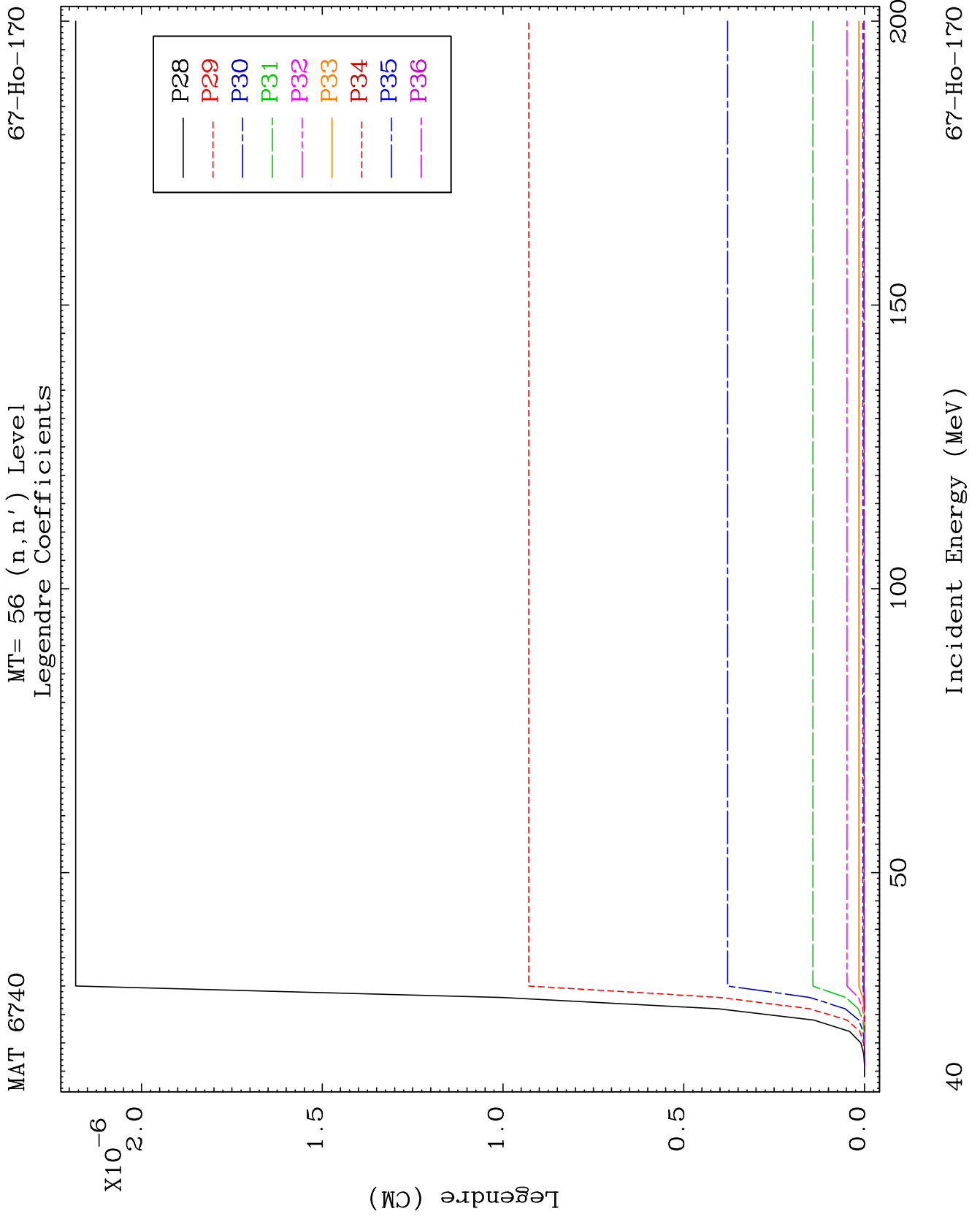
67-Ho-170



39

Incident Energy (MeV)

67-Ho-170

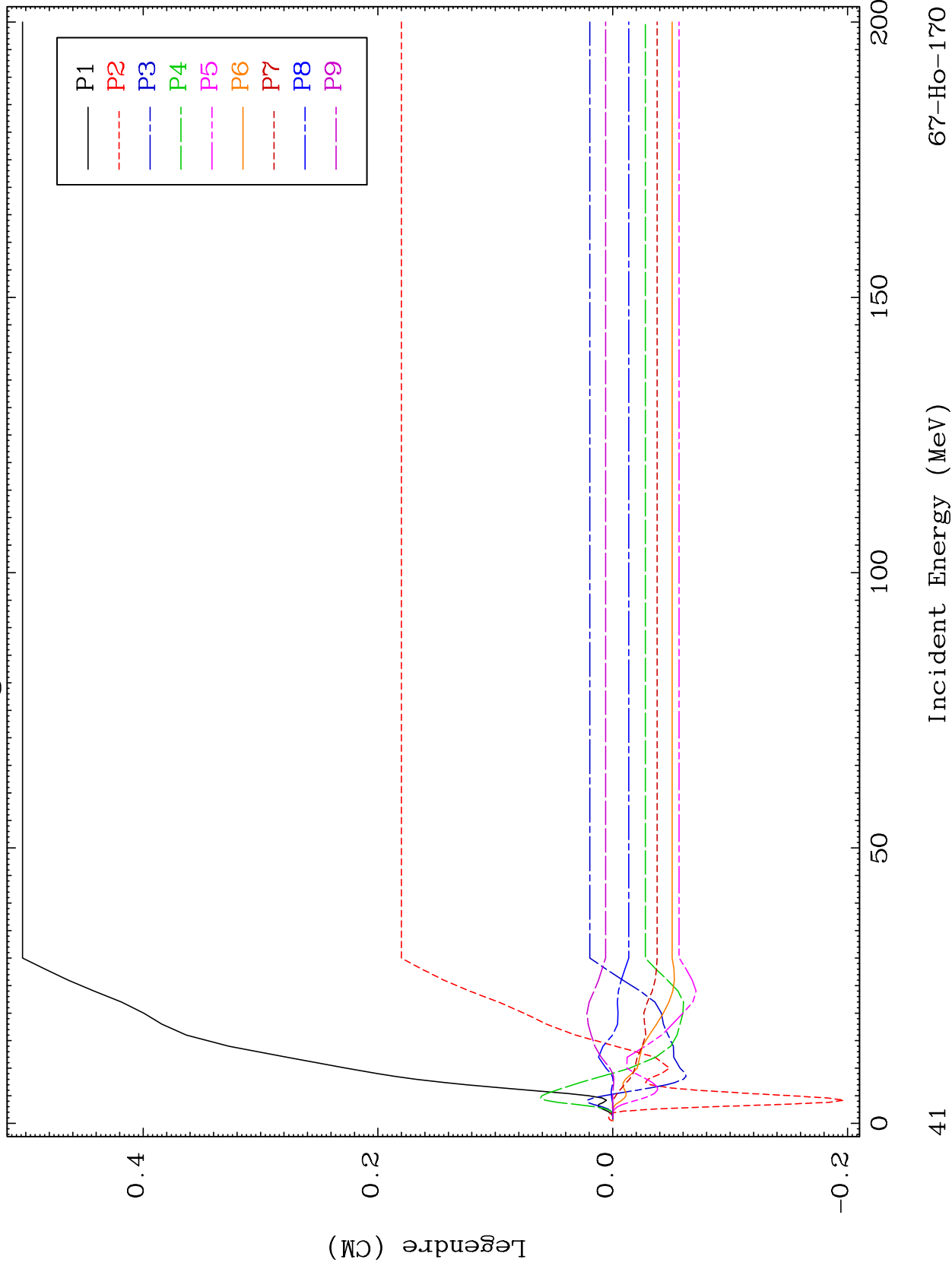


MAT 6740

MT= 57 (n,n') Level

67-Ho-170

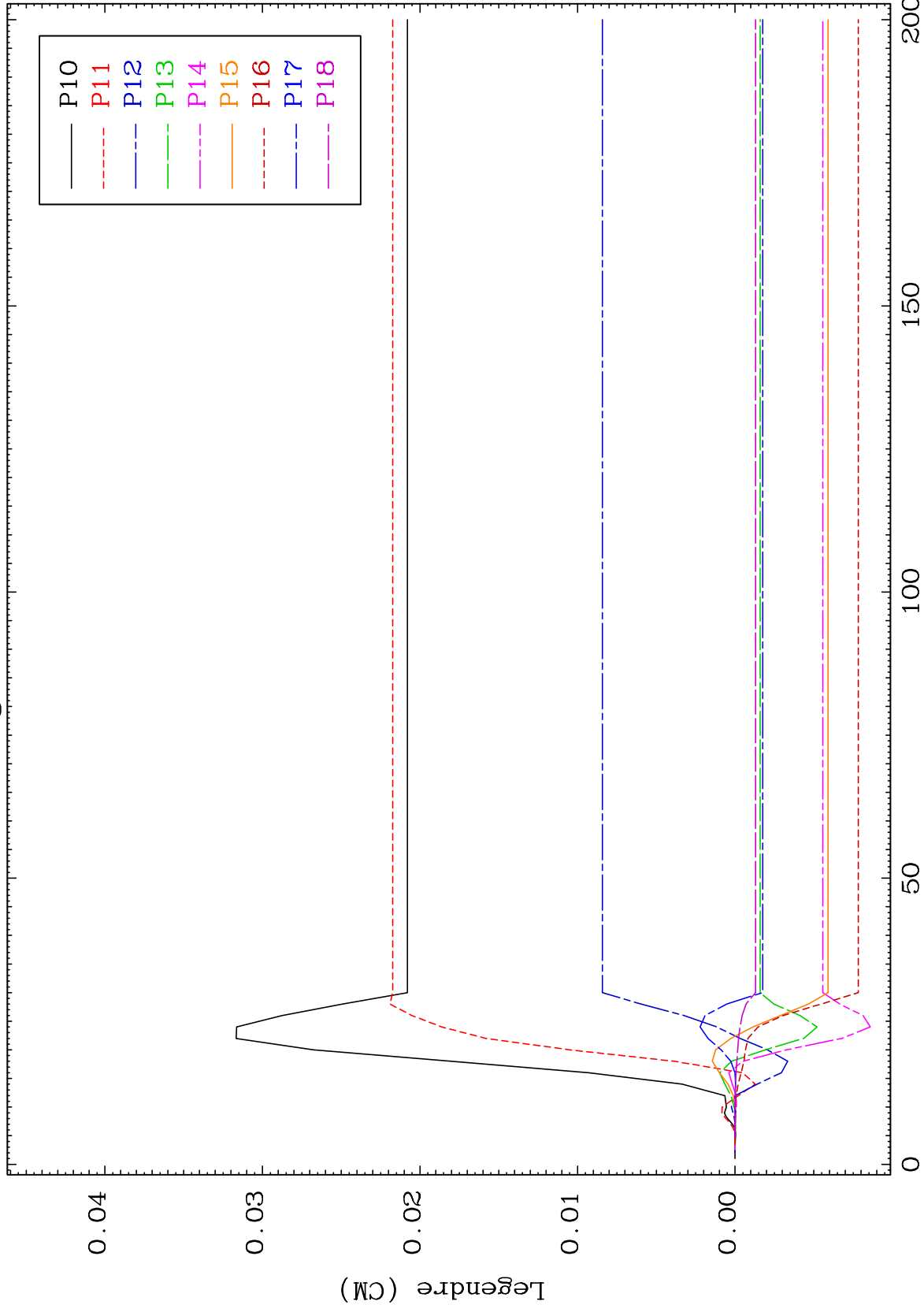
Legendre Coefficients



MAT 6740

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

67-Ho-170



42

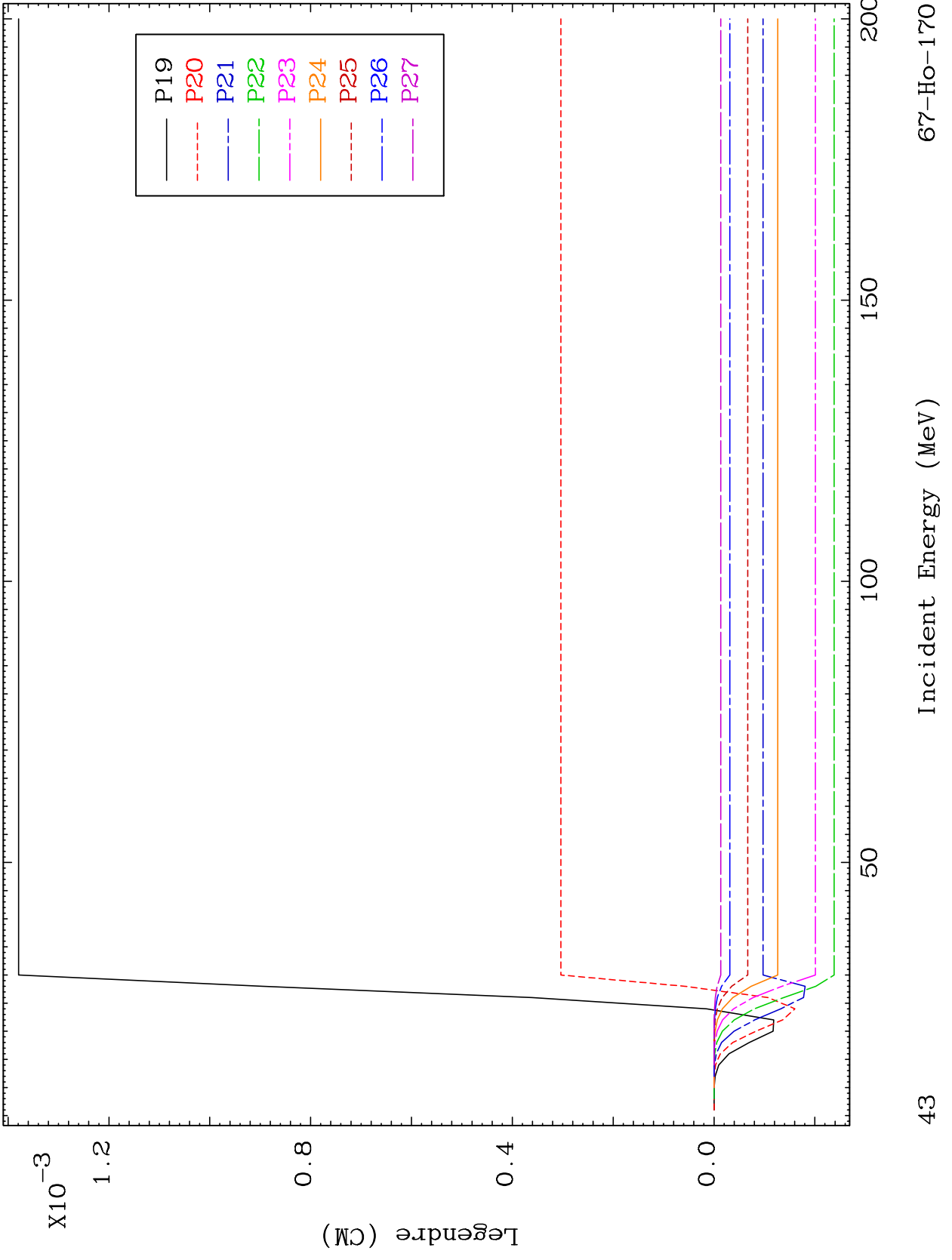
Incident Energy (MeV)

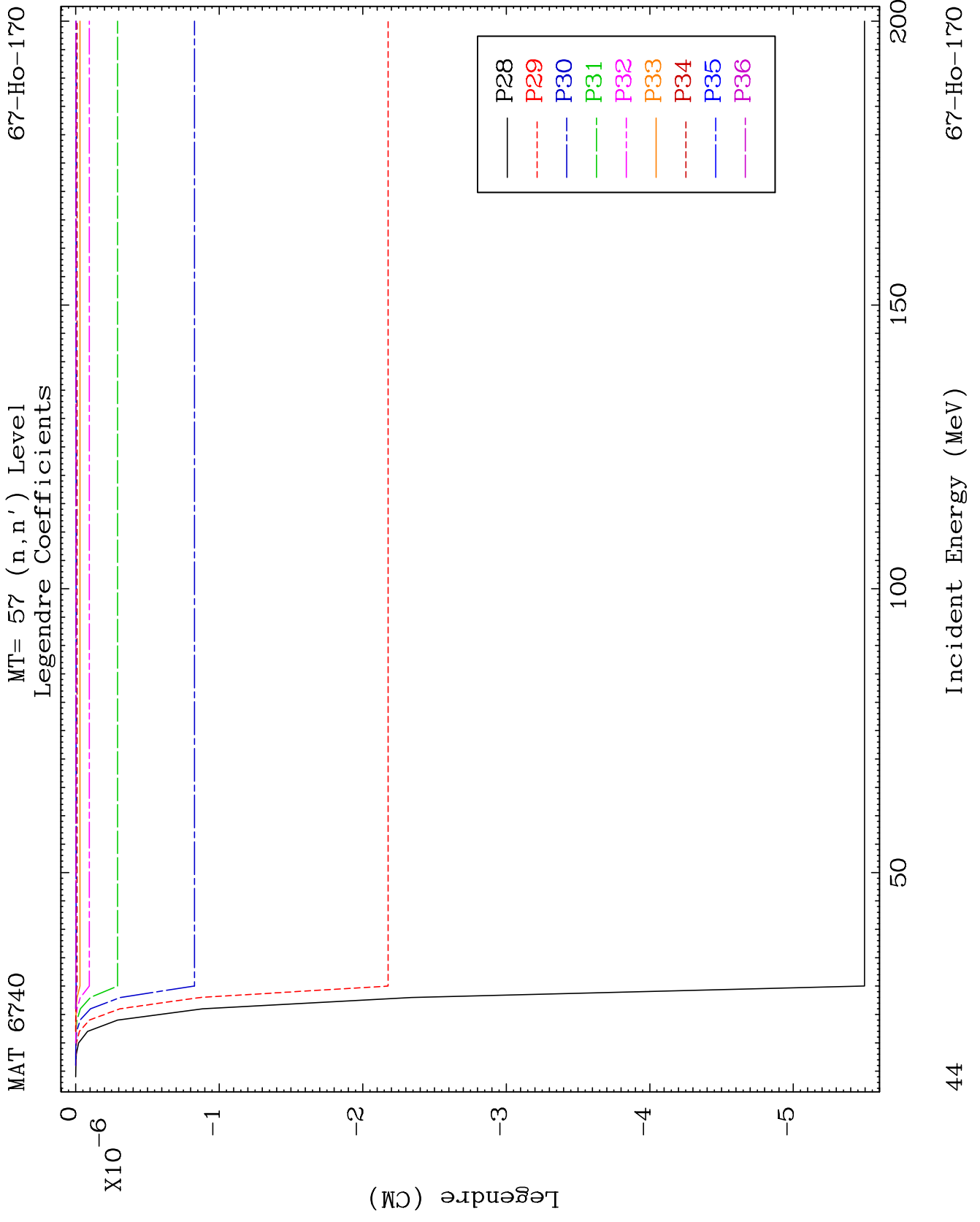
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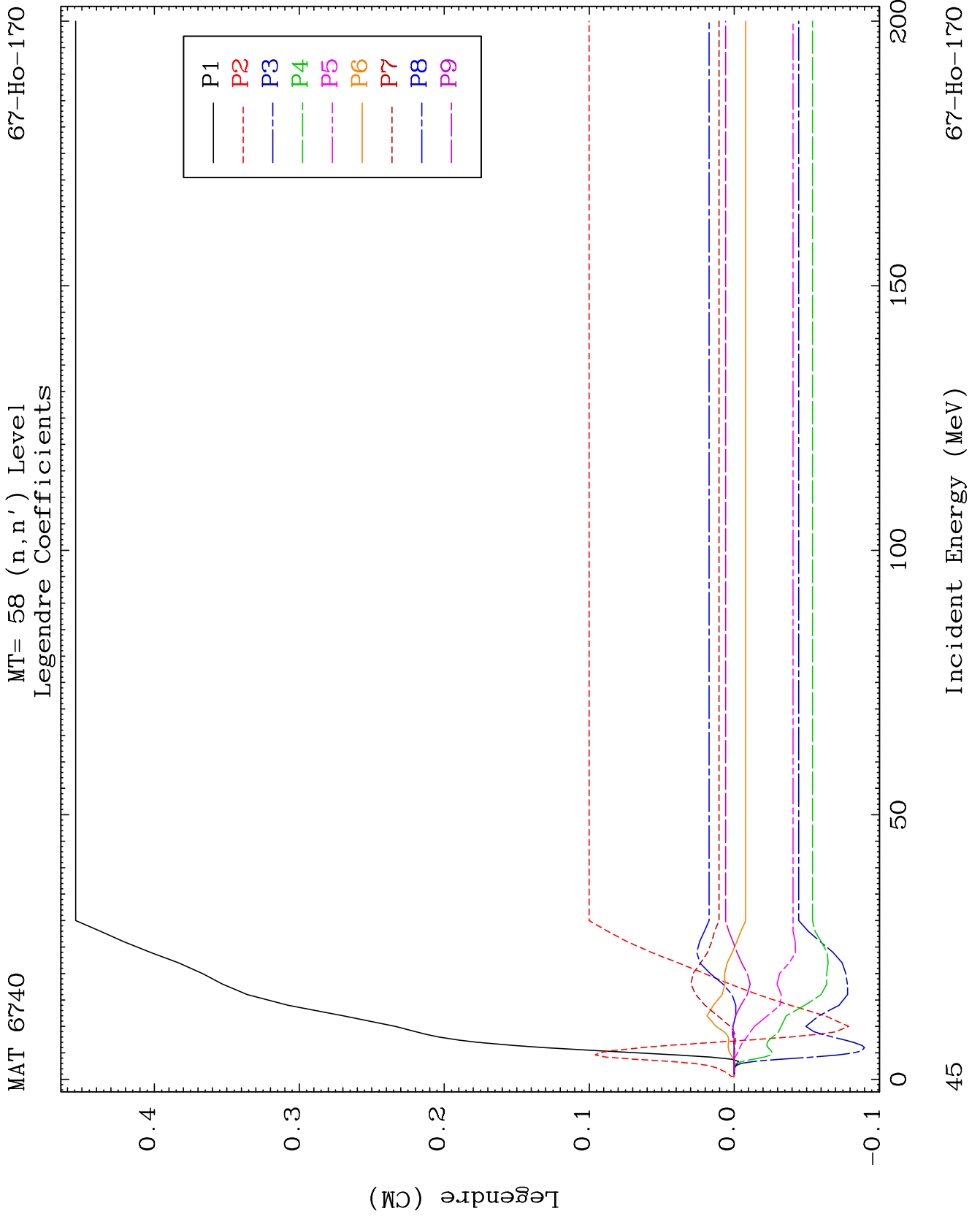
MAT 6740

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

67-Ho-170



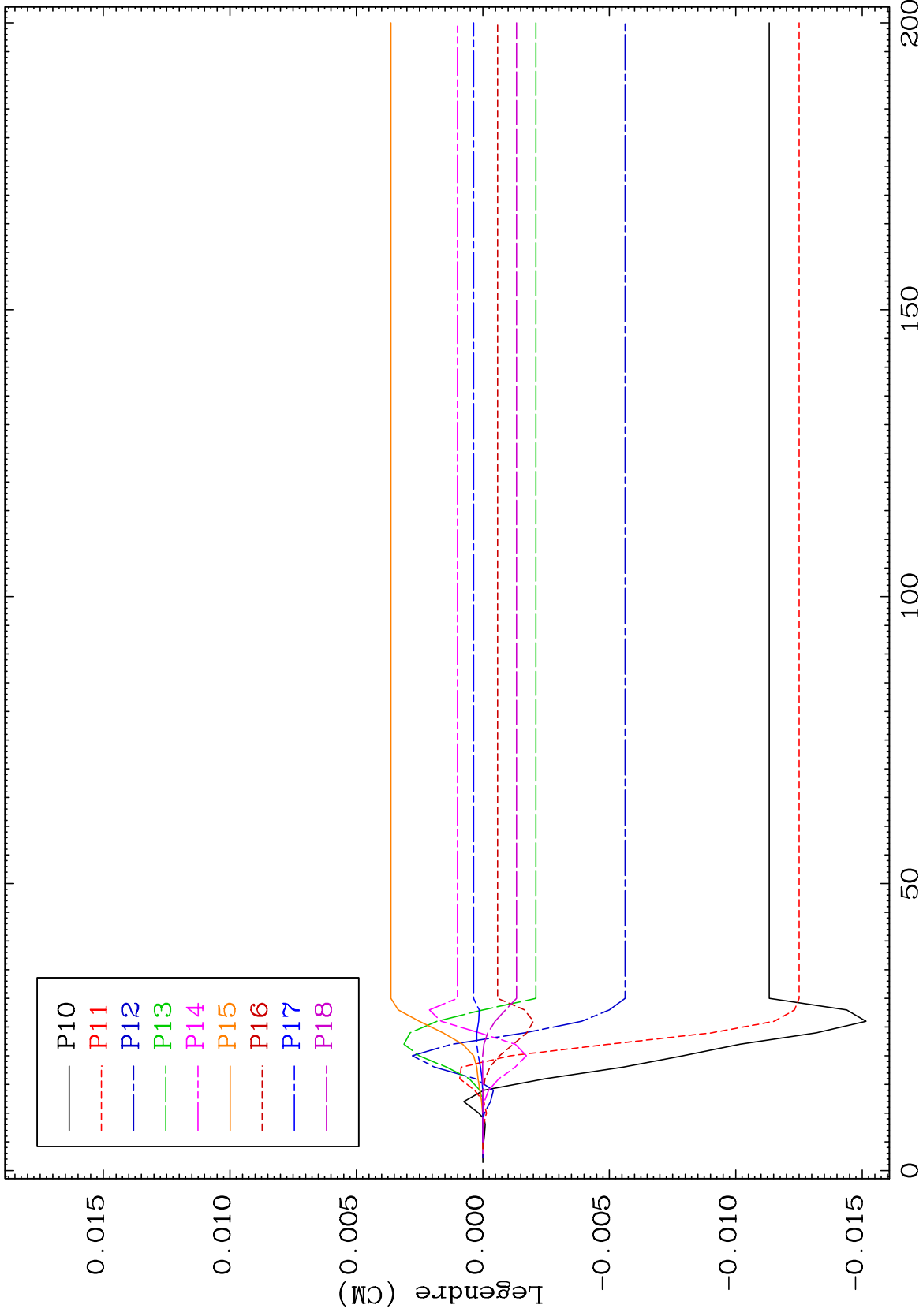




MAT 6740

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

67-Ho-170



46

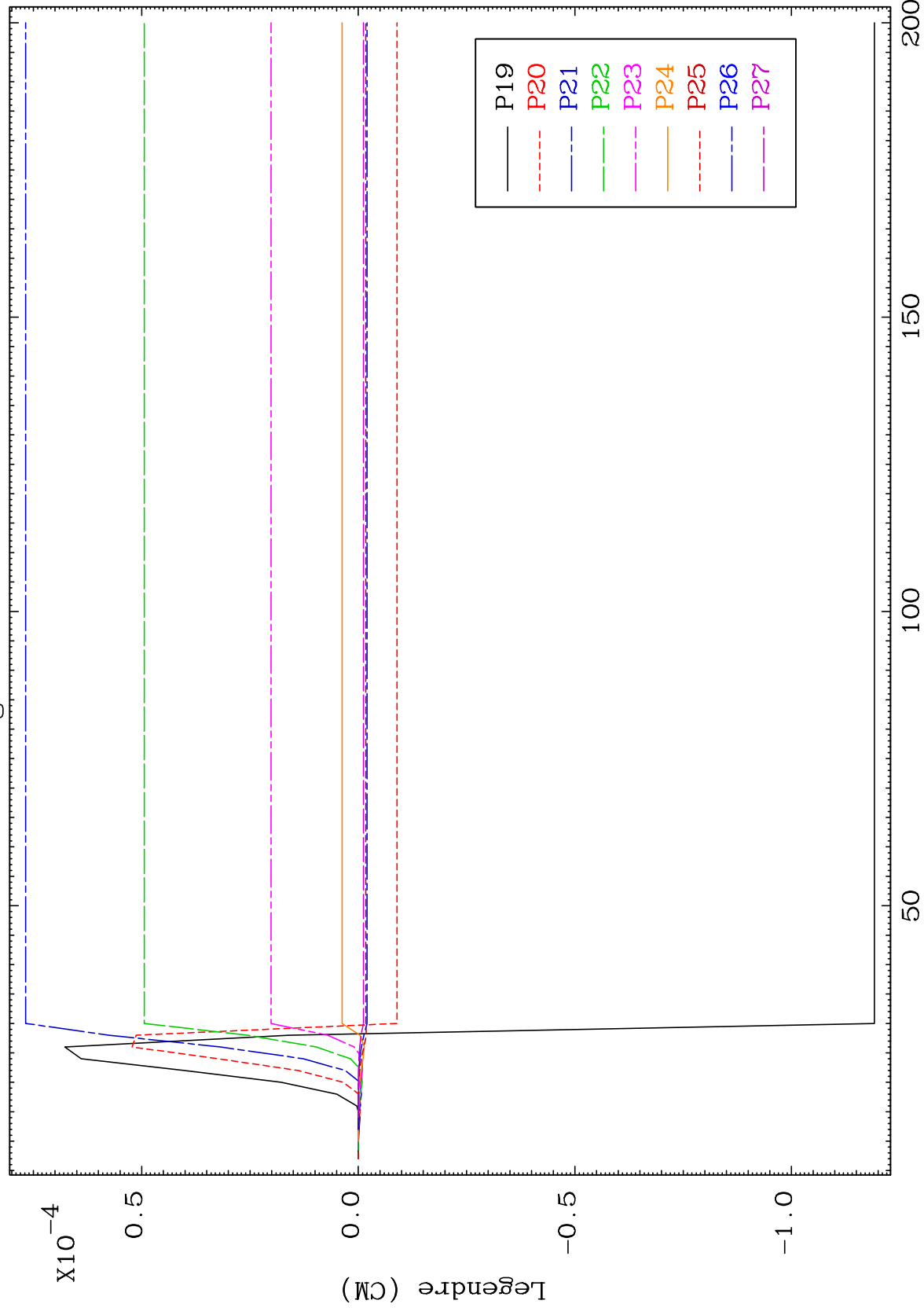
Incident Energy (MeV)

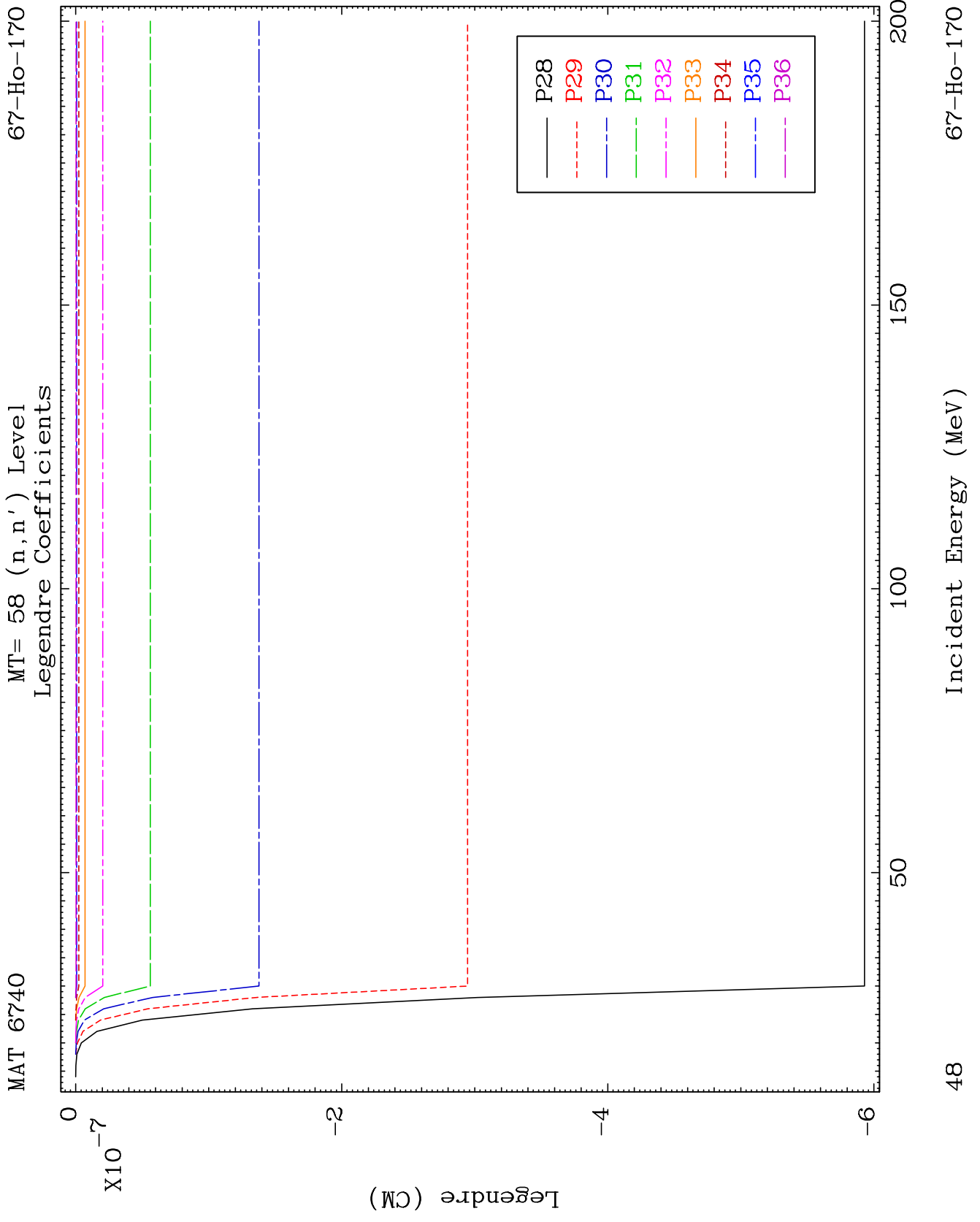
67-Ho-170

MAT 6740

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

67-Ho-170

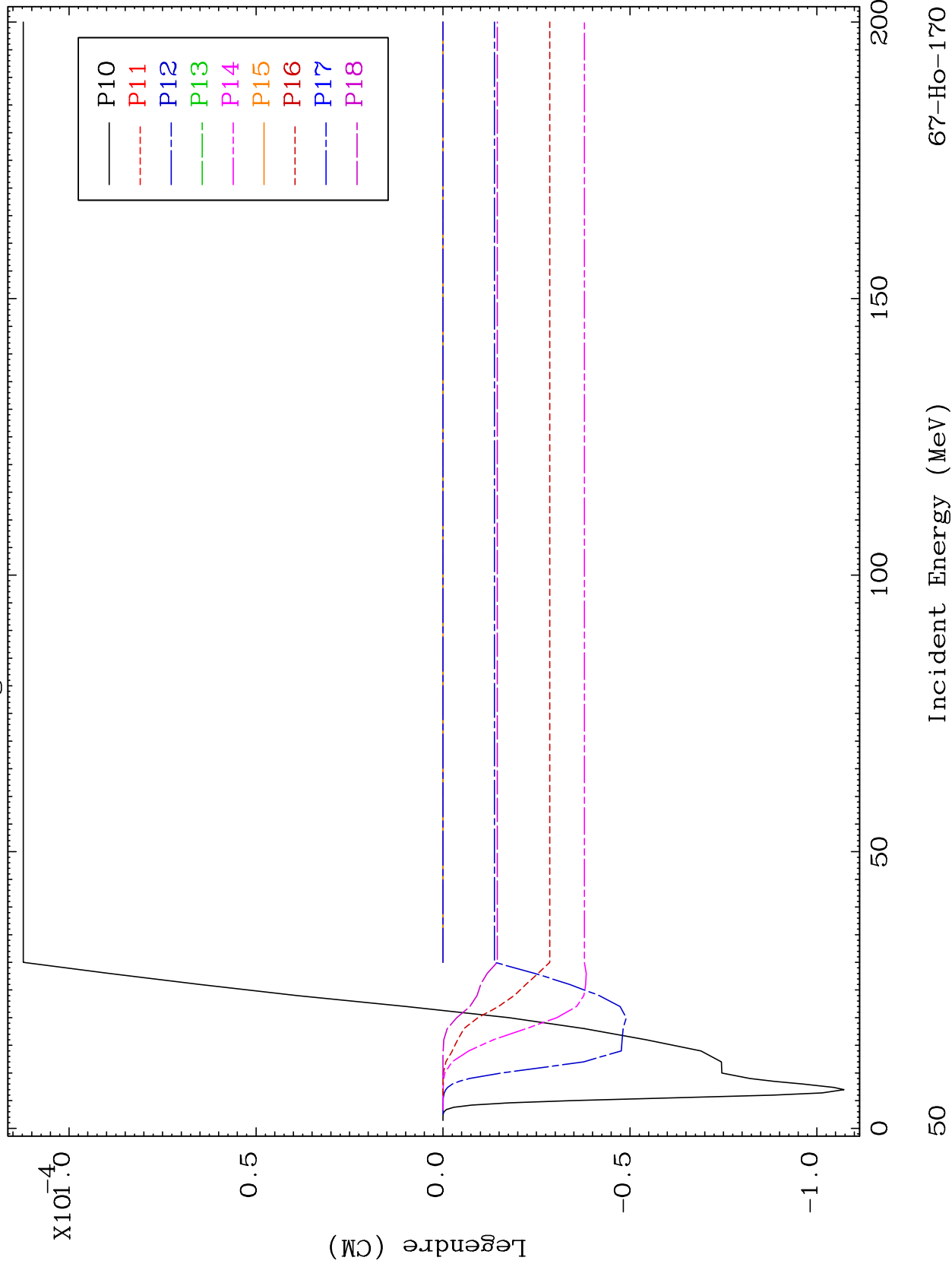


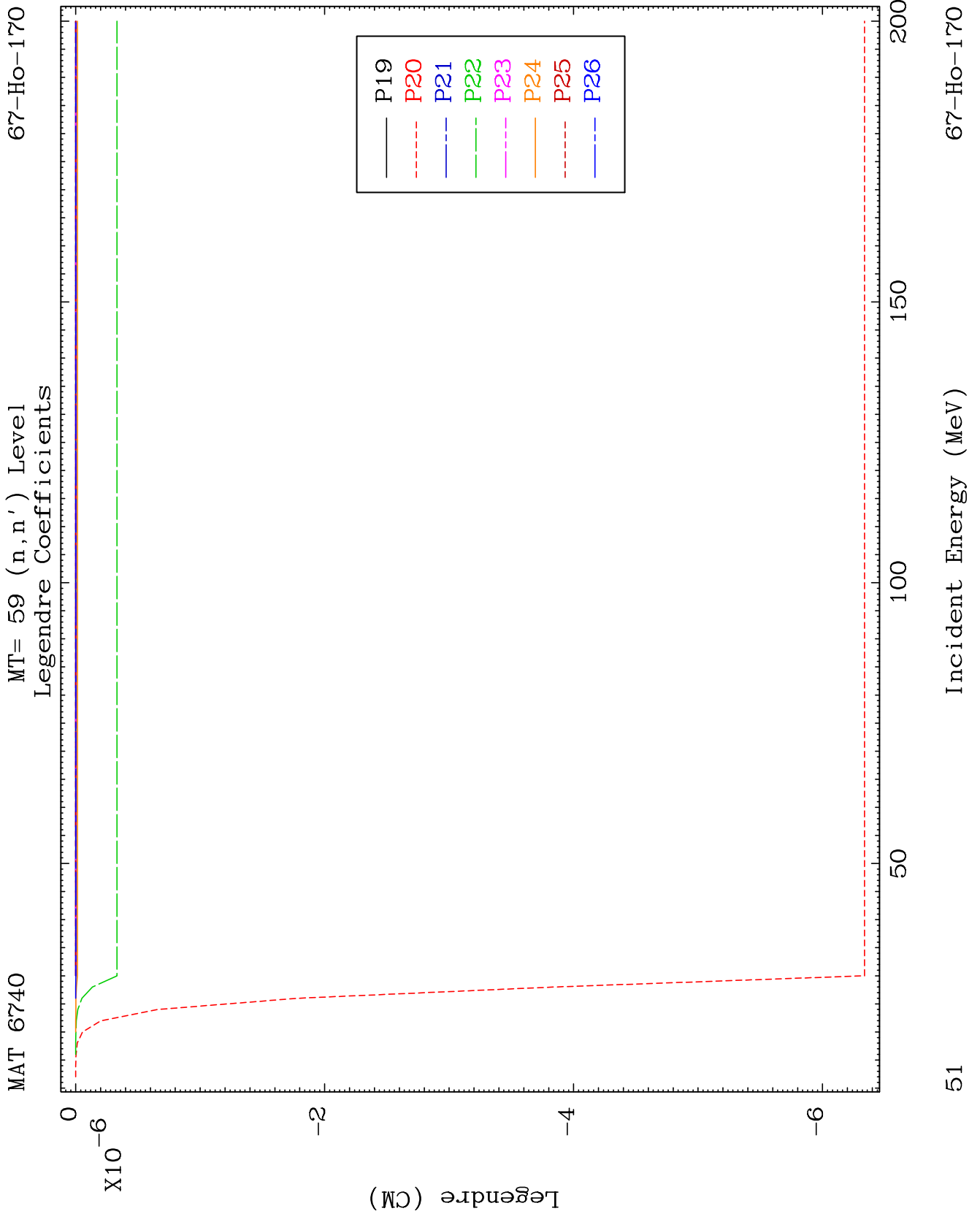


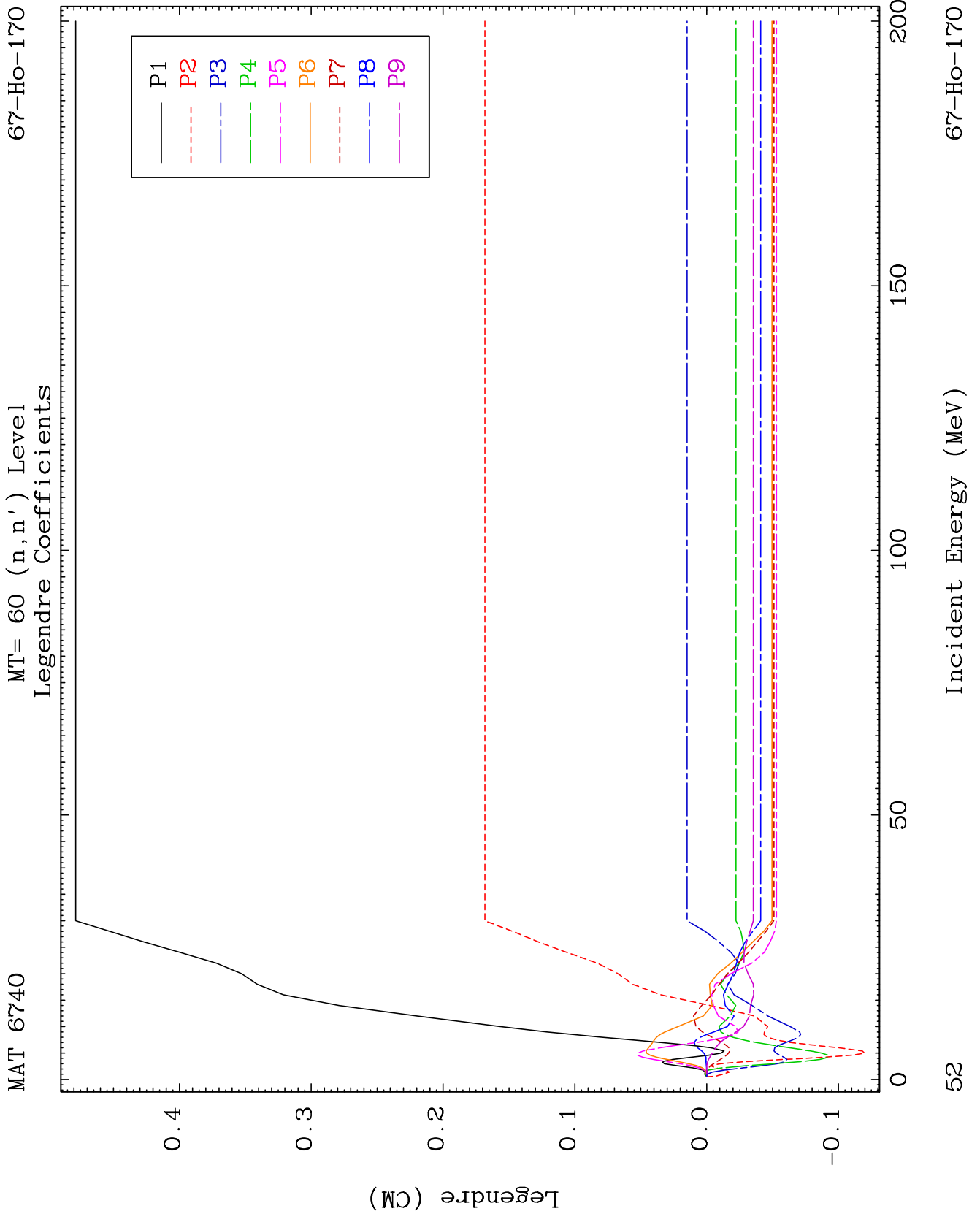
MAT 6740

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

67-Ho-170



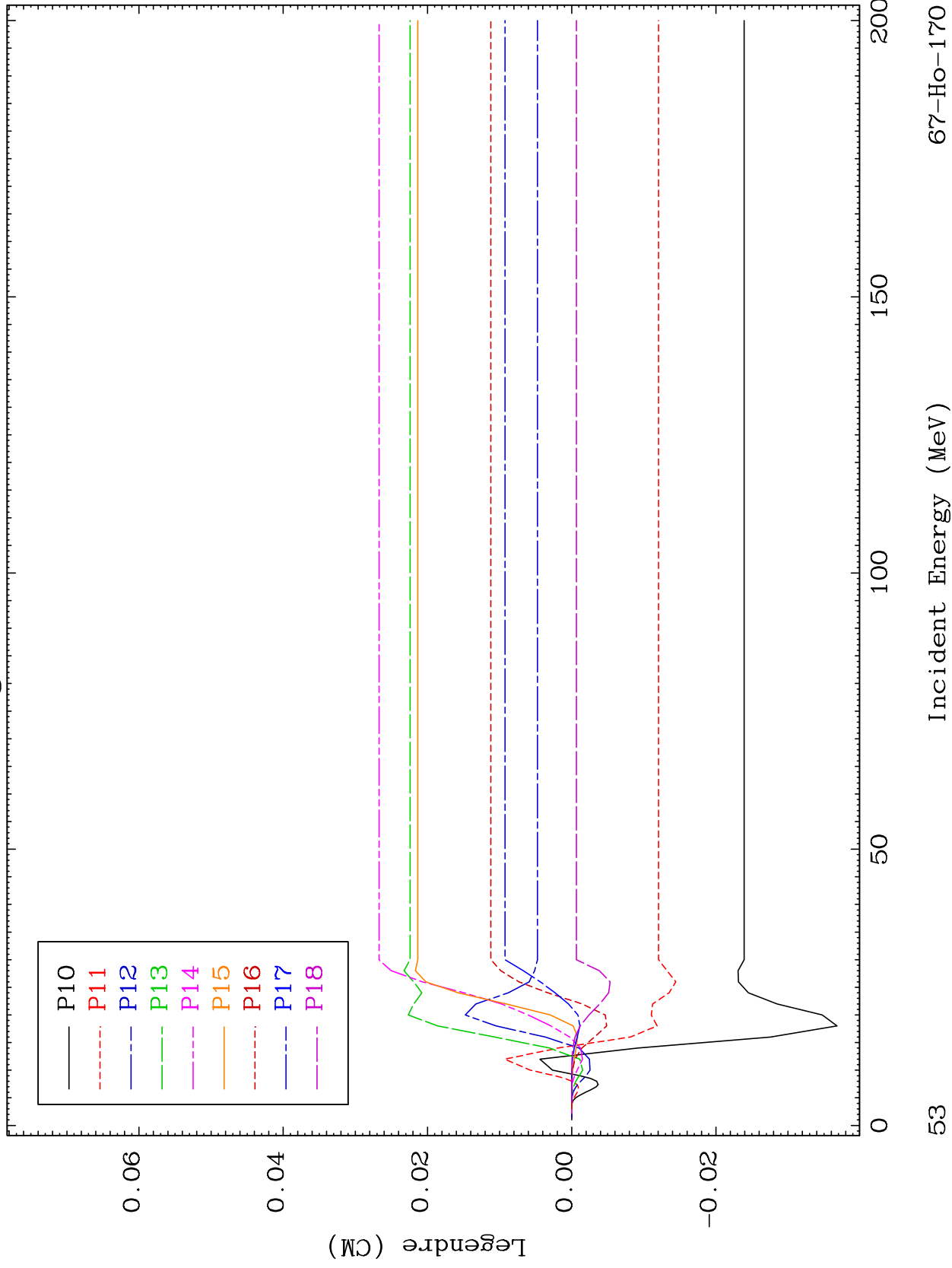




MAT 6740

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

67-Ho-170



53

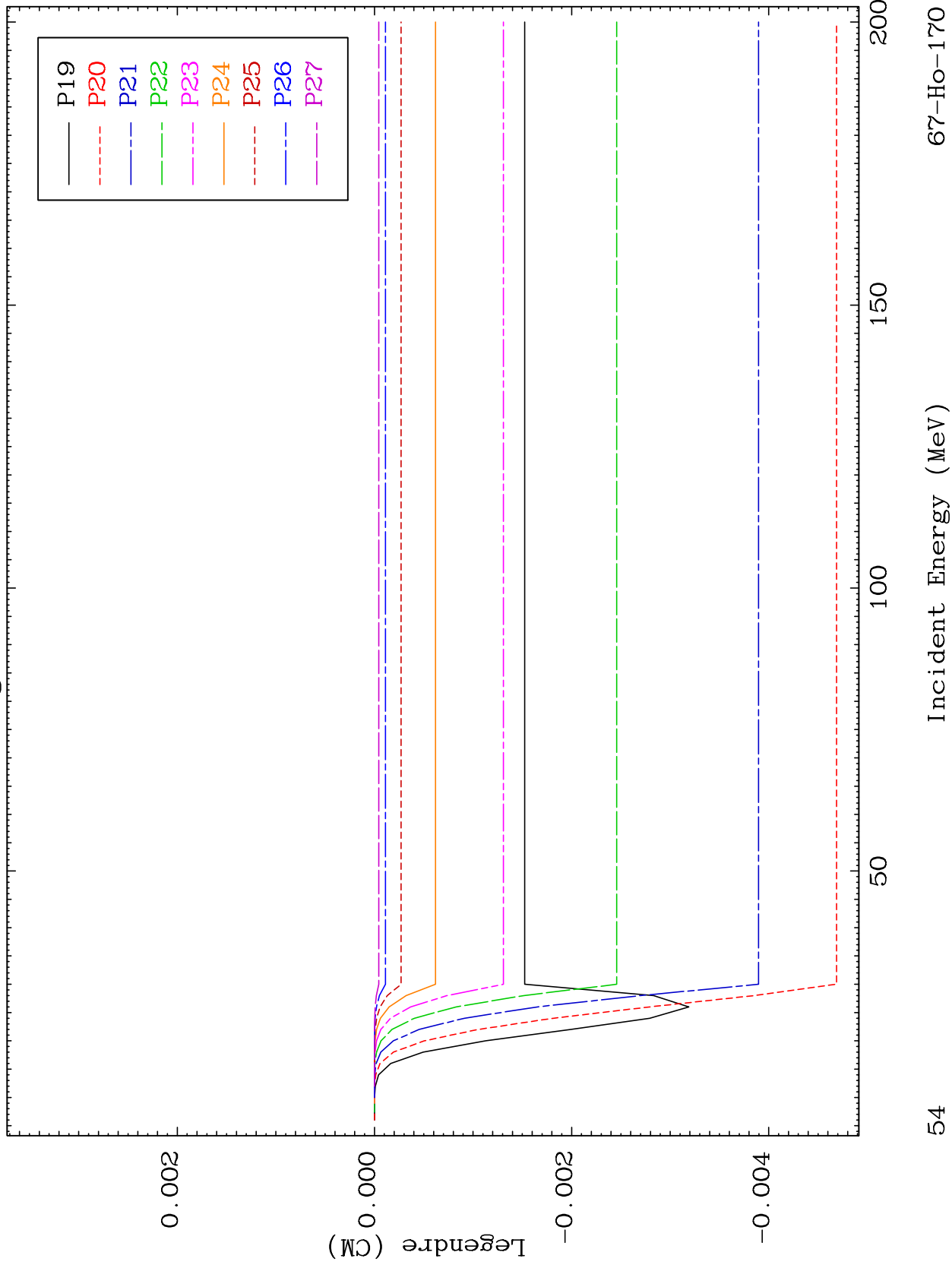
Incident Energy (MeV)

67-Ho-170

MAT 6740

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

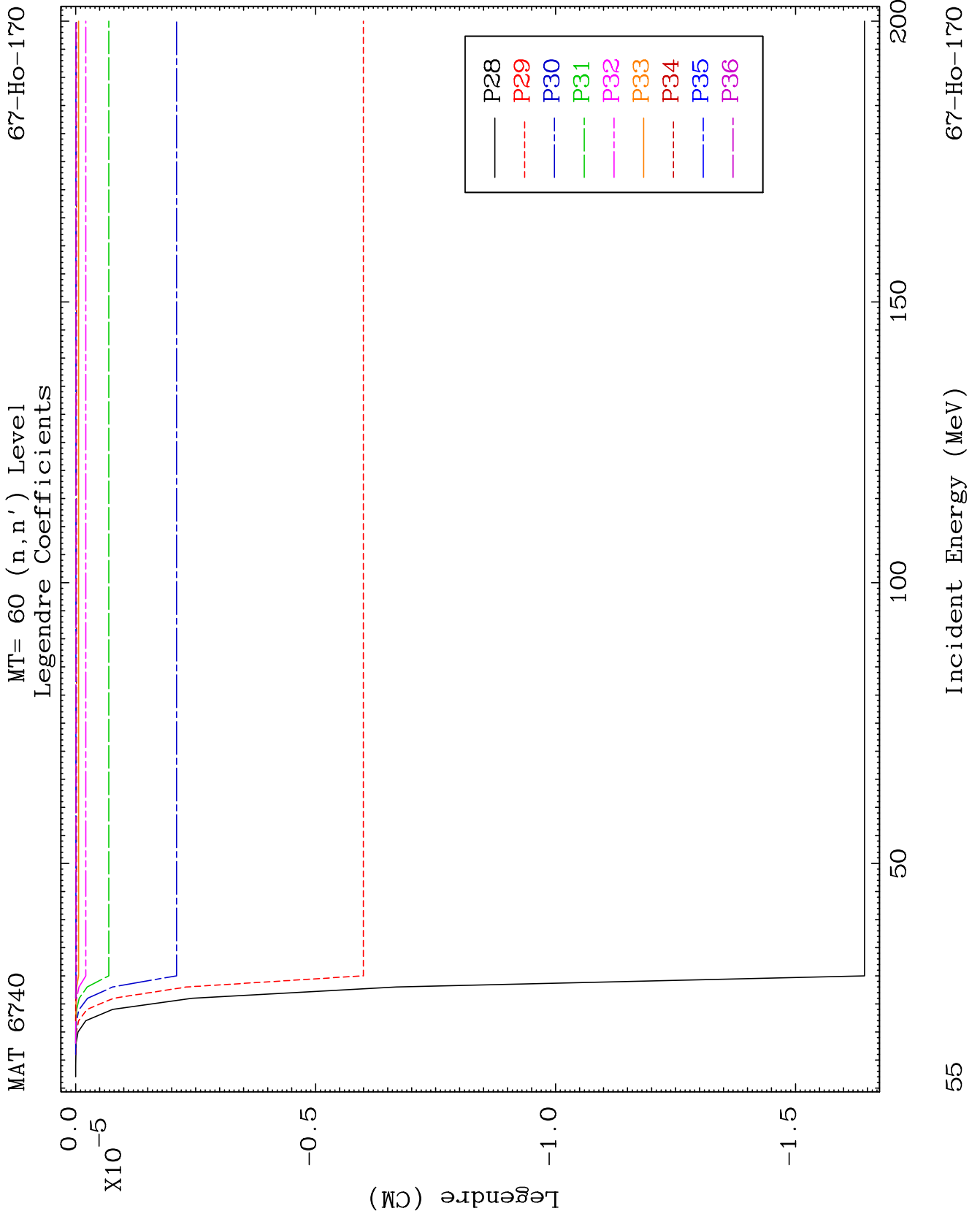
67-Ho-170



54

Incident Energy (MeV)

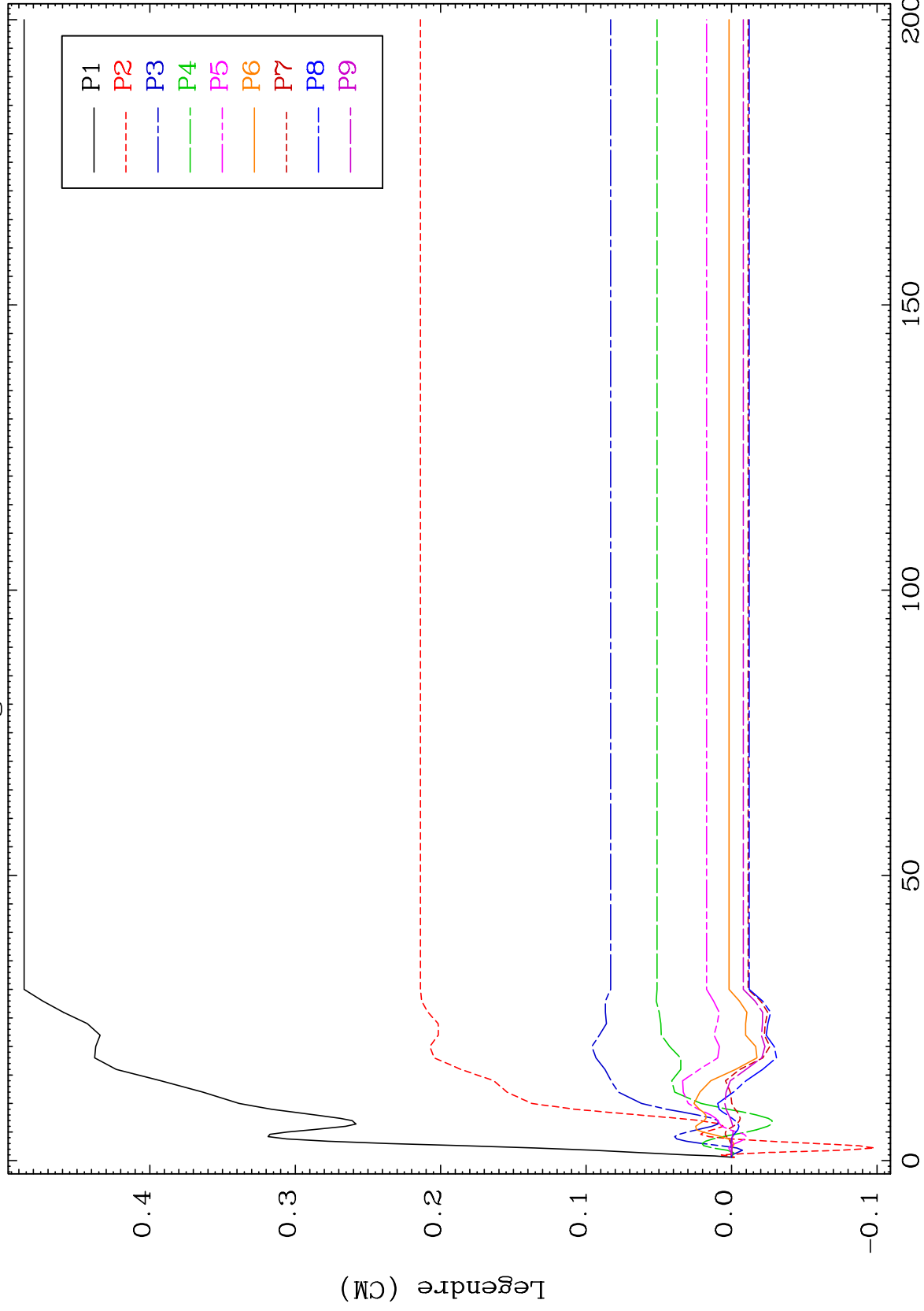
67-Ho-170



MAT 6740

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

67-Ho-170



56

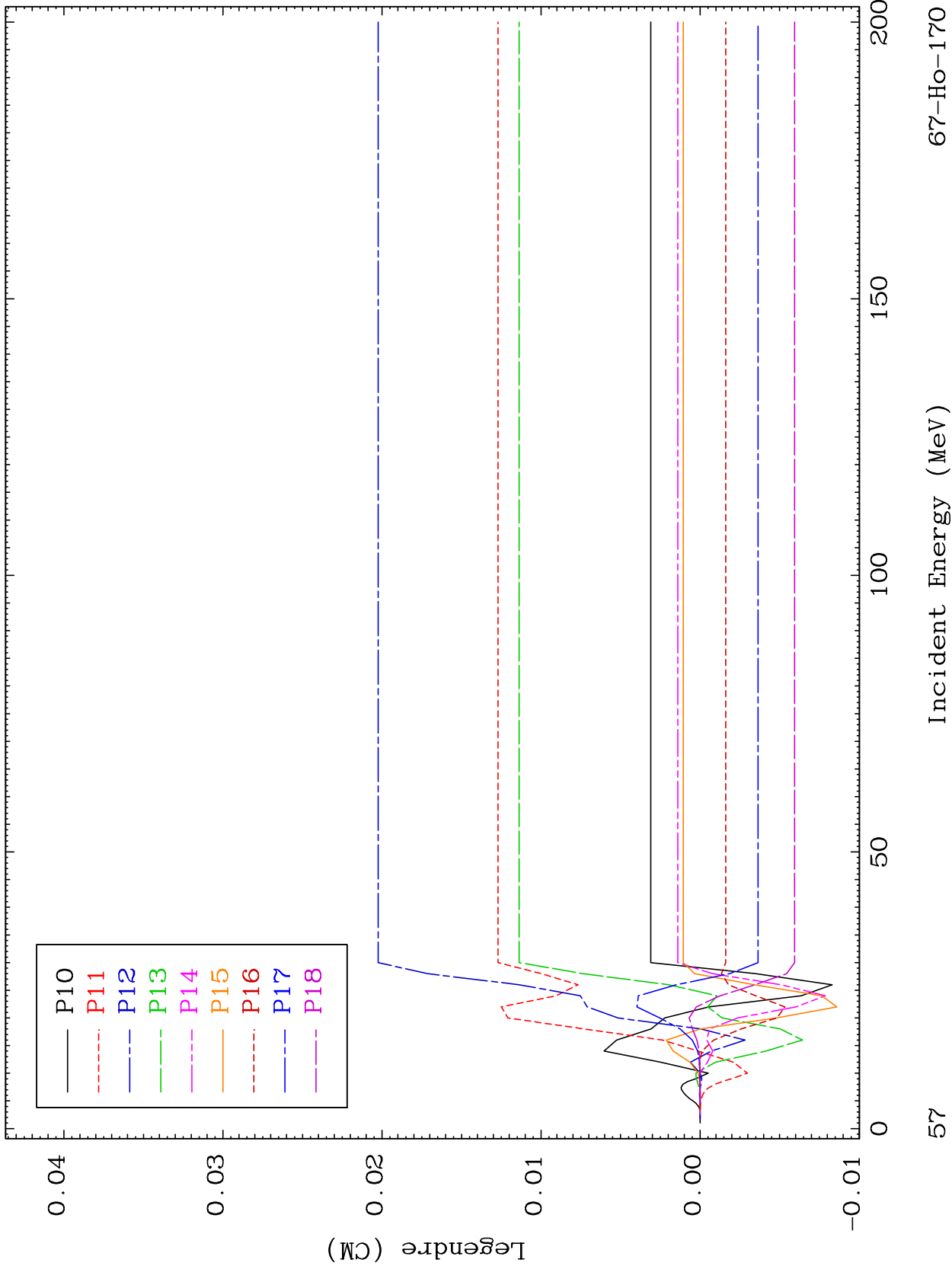
Incident Energy (MeV)

67-Ho-170

MAT 6740

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

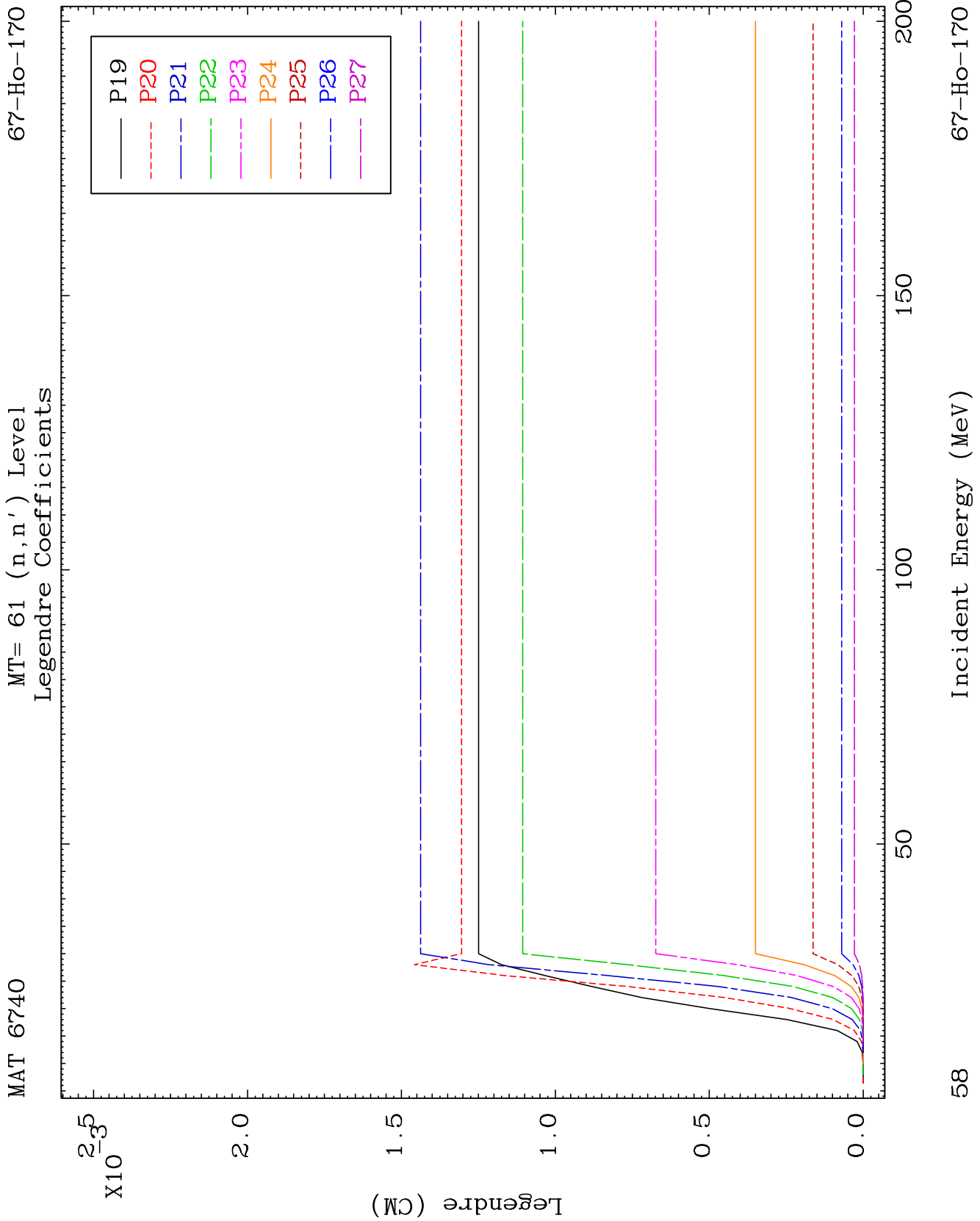
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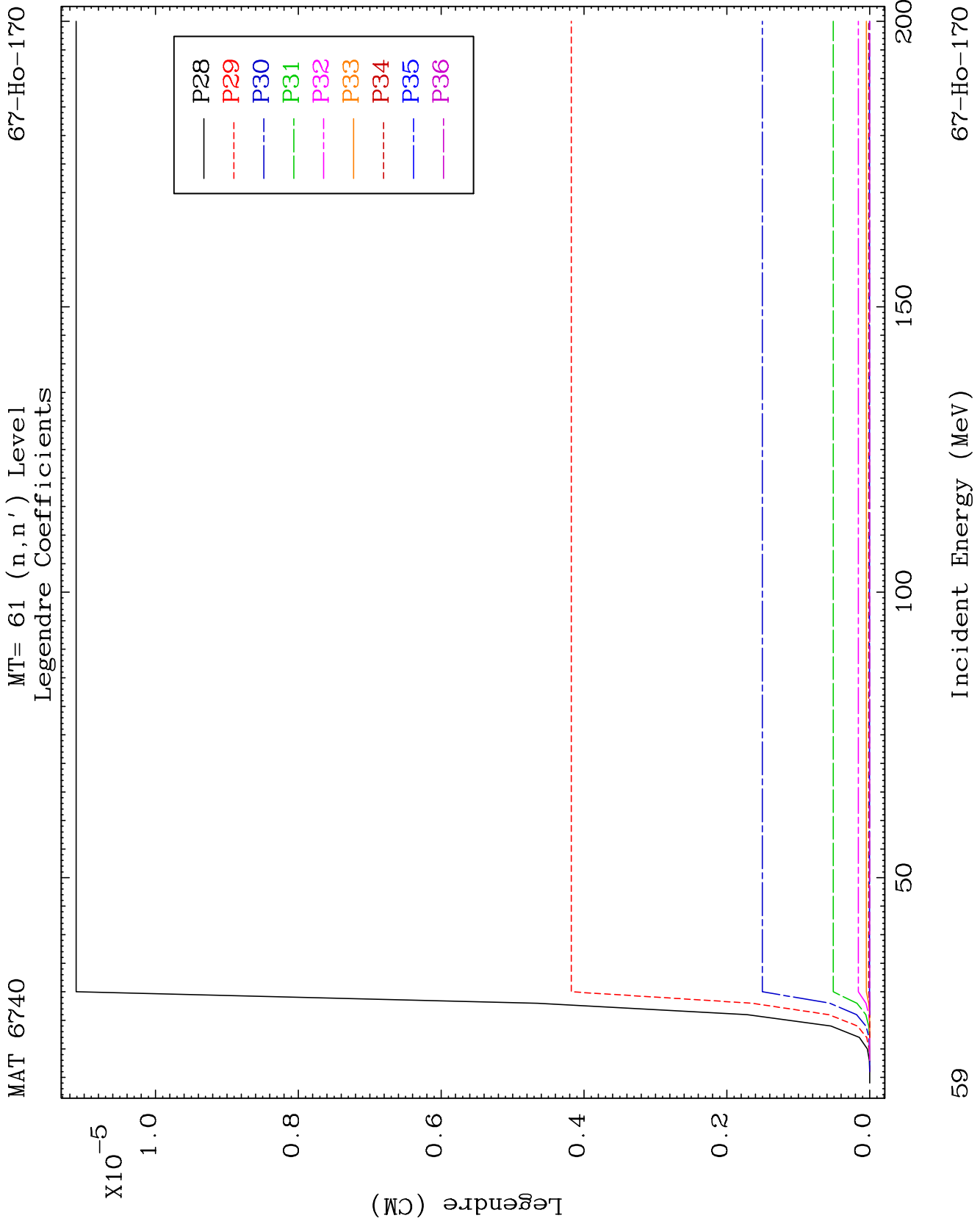


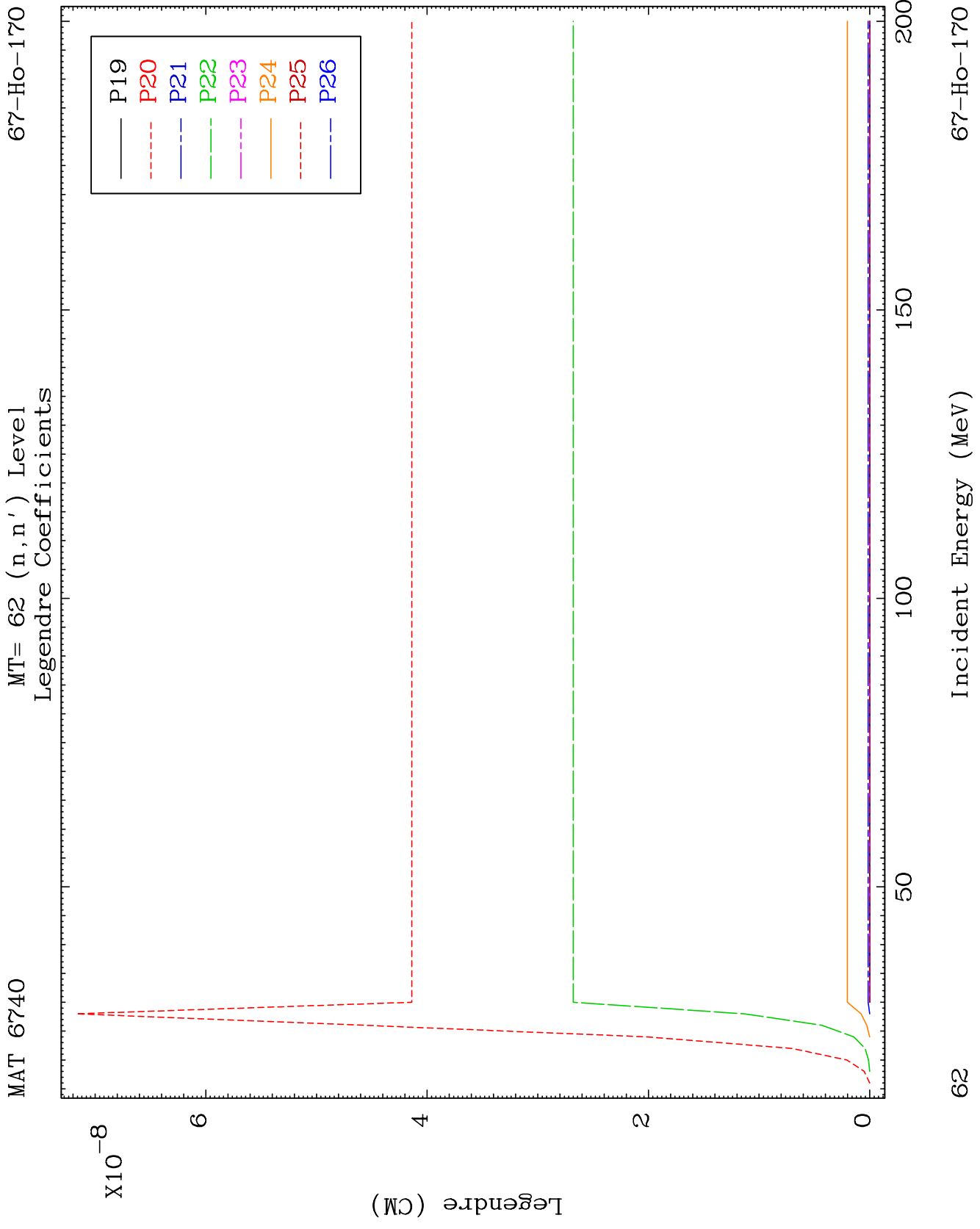
57

Incident Energy (MeV)

67-Ho-170



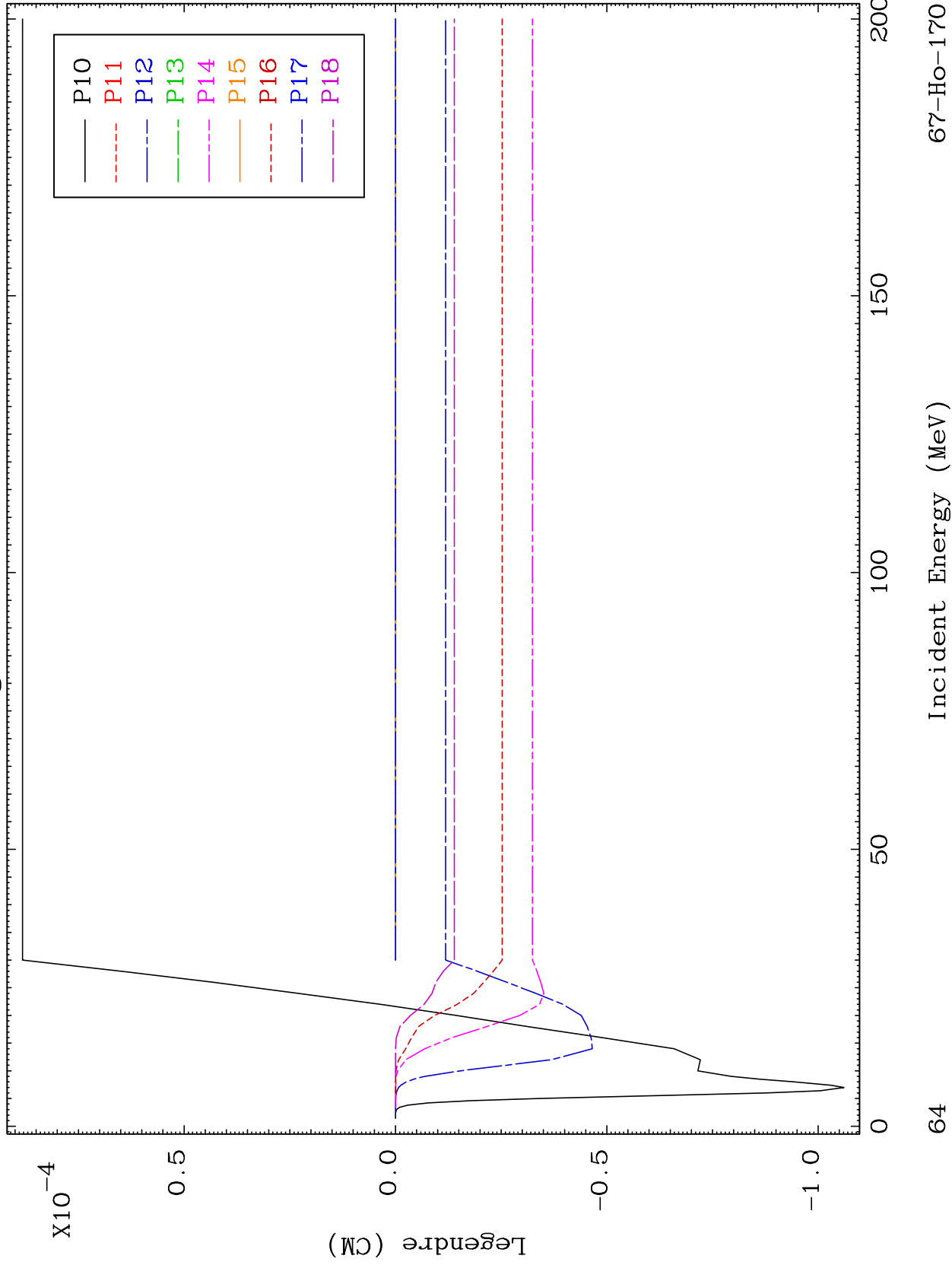


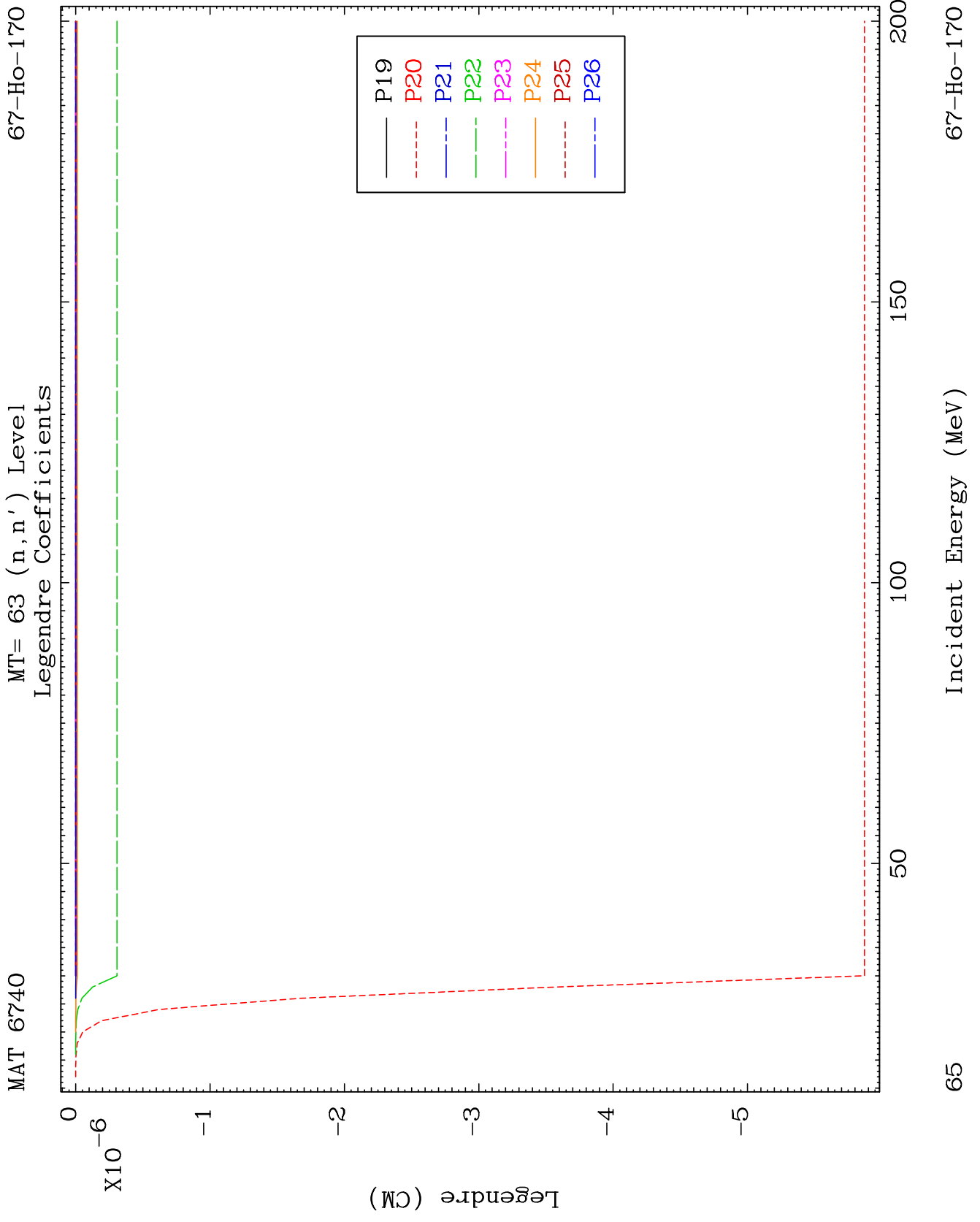


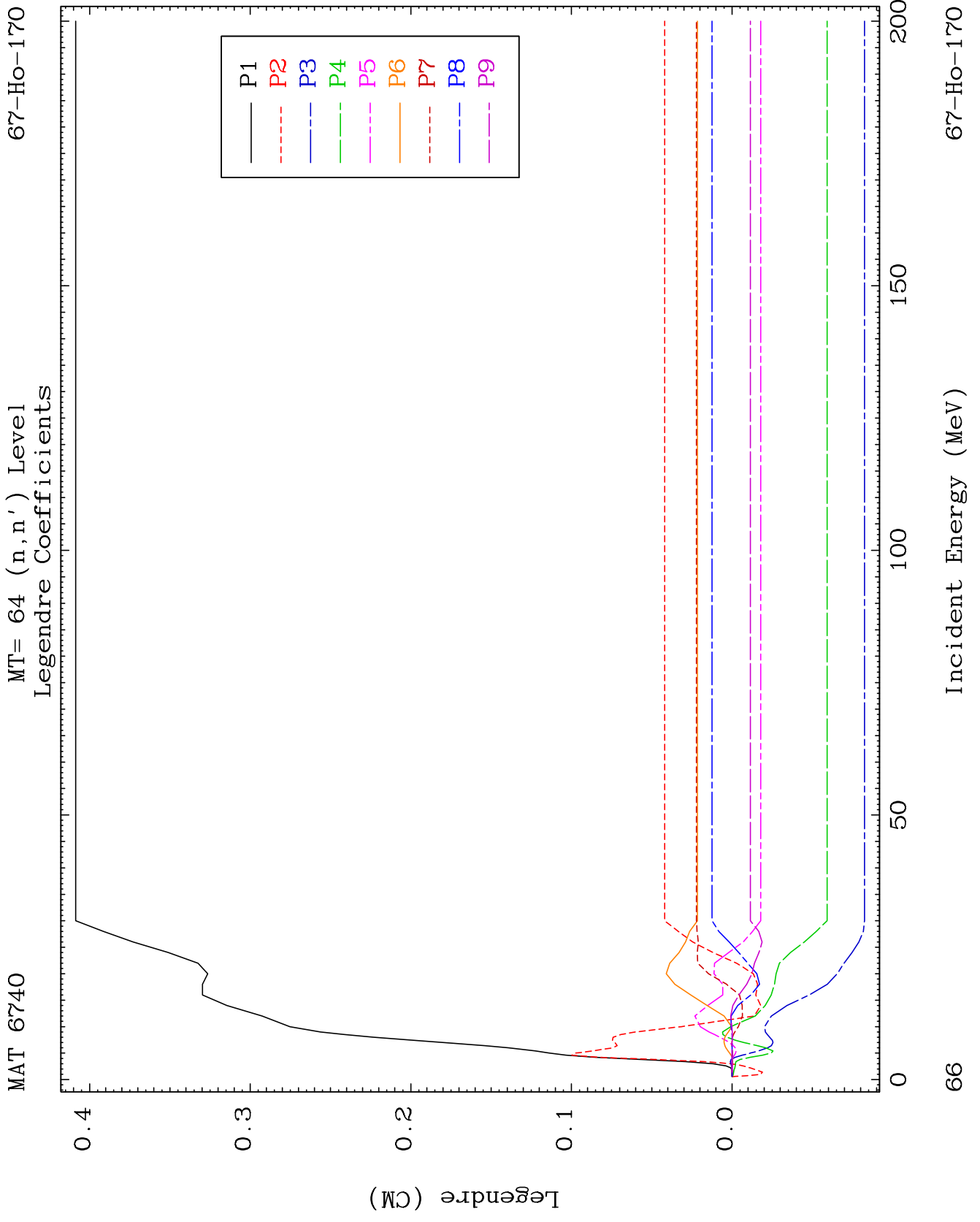
MAT 6740

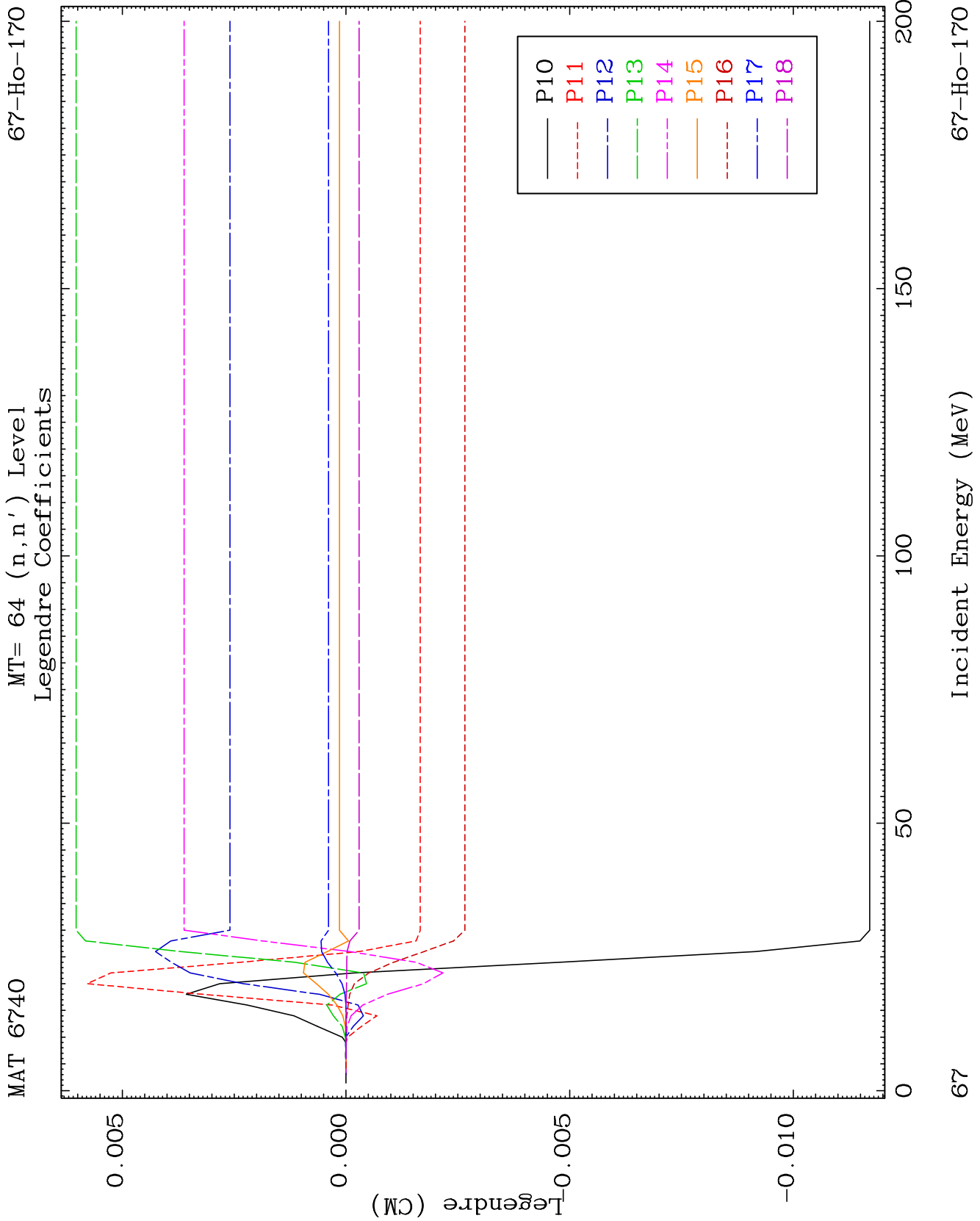
MT= 63 (n,n') Level
Legendre Coefficients

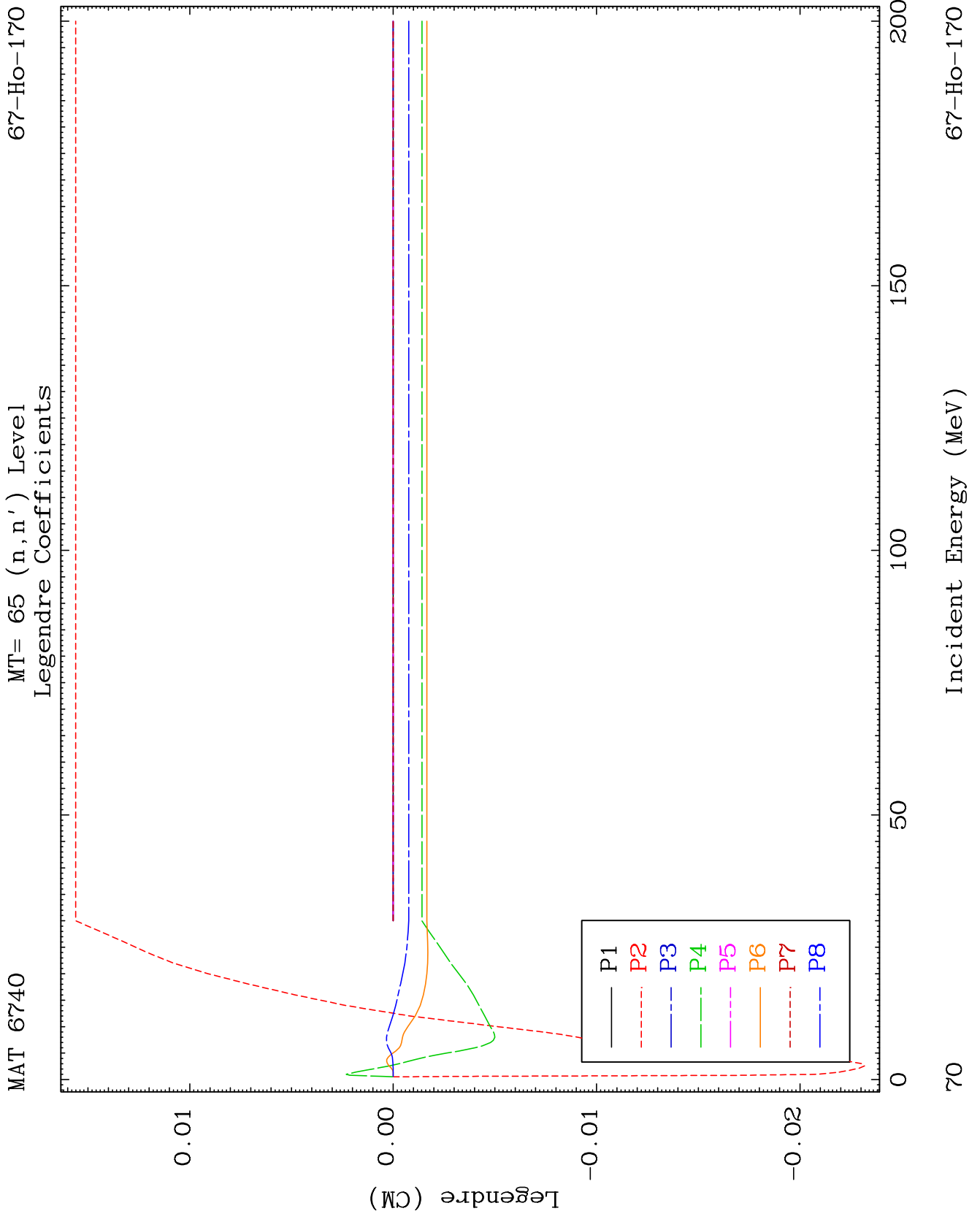
67-Ho-170

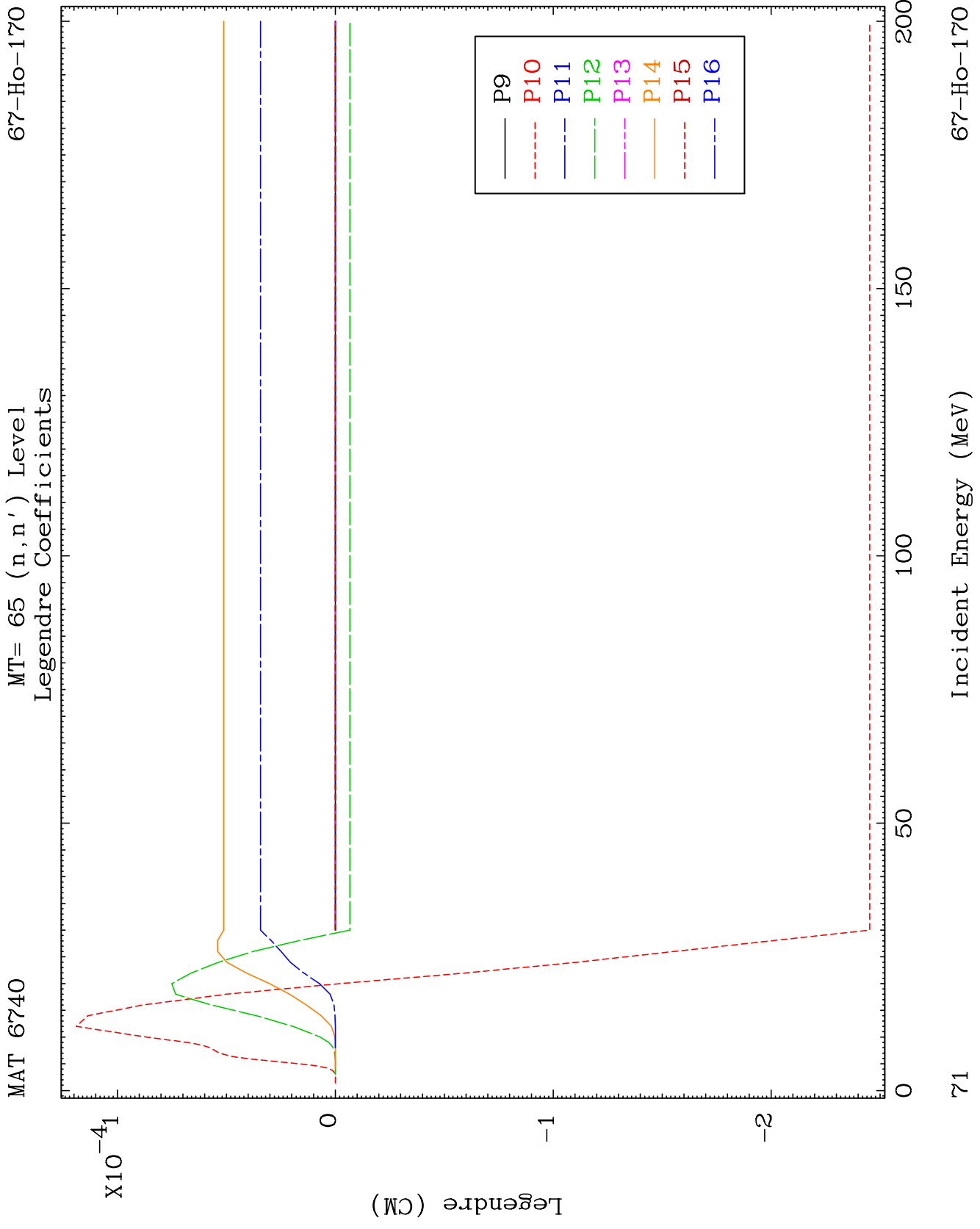


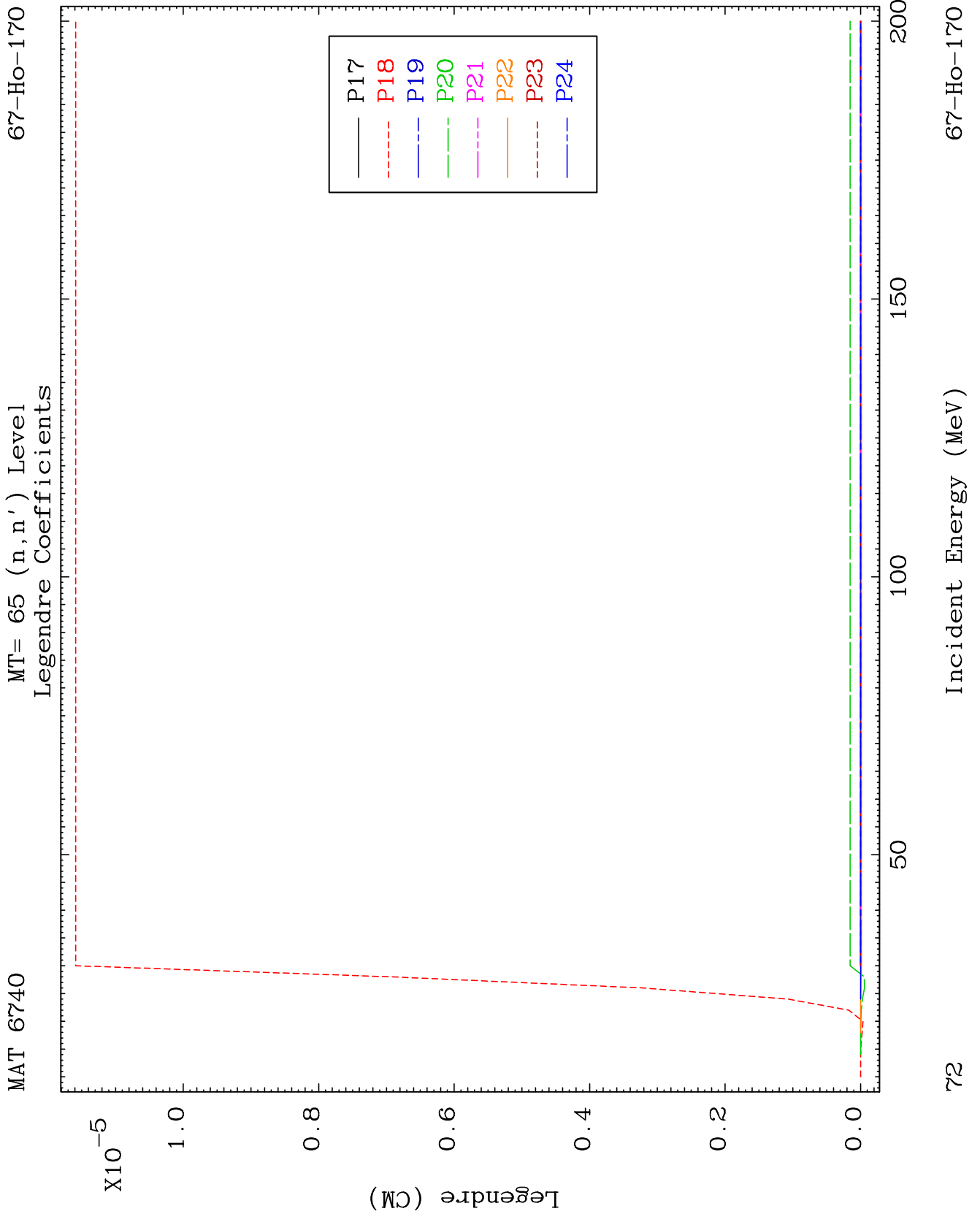








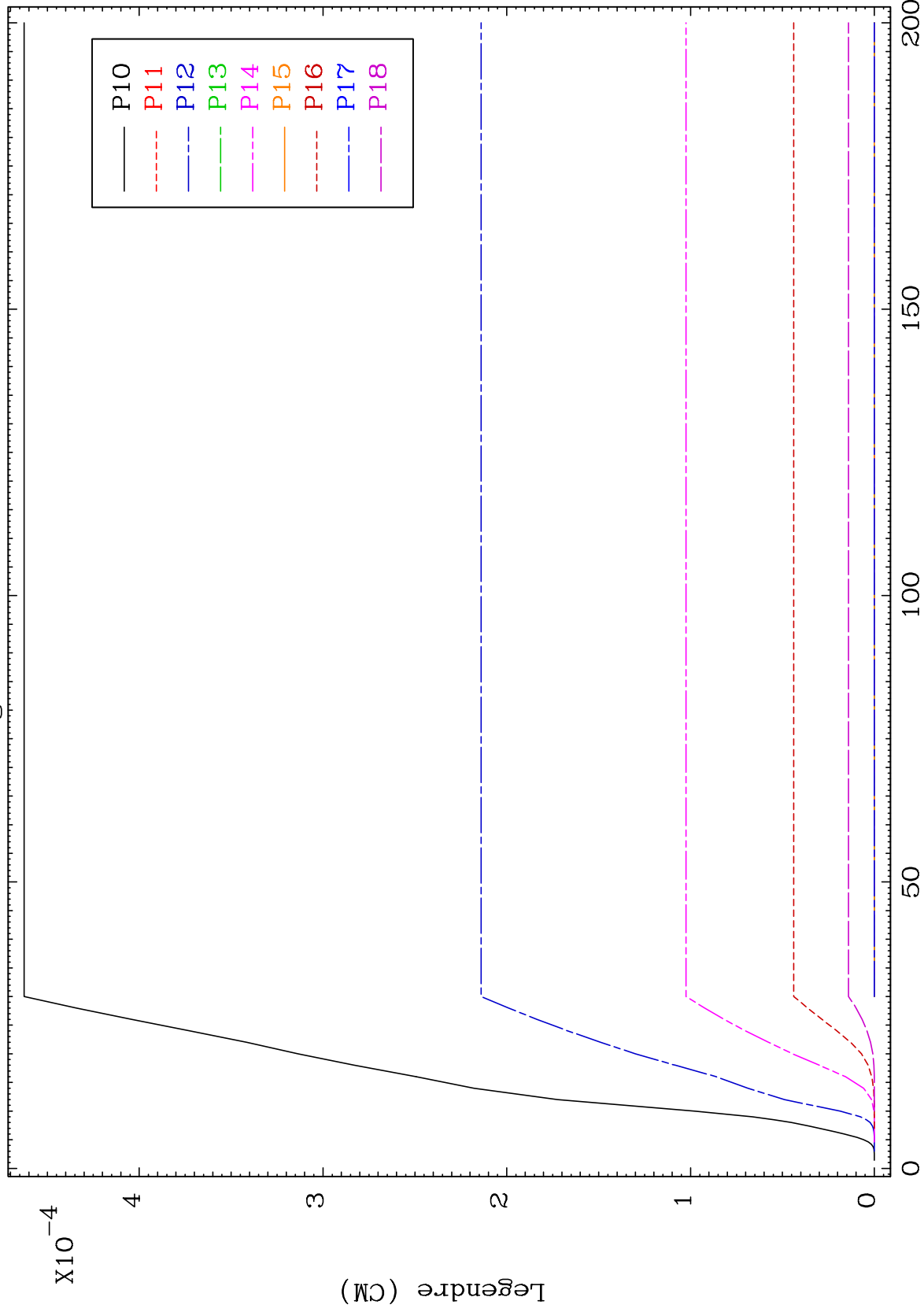




MAT 6740

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

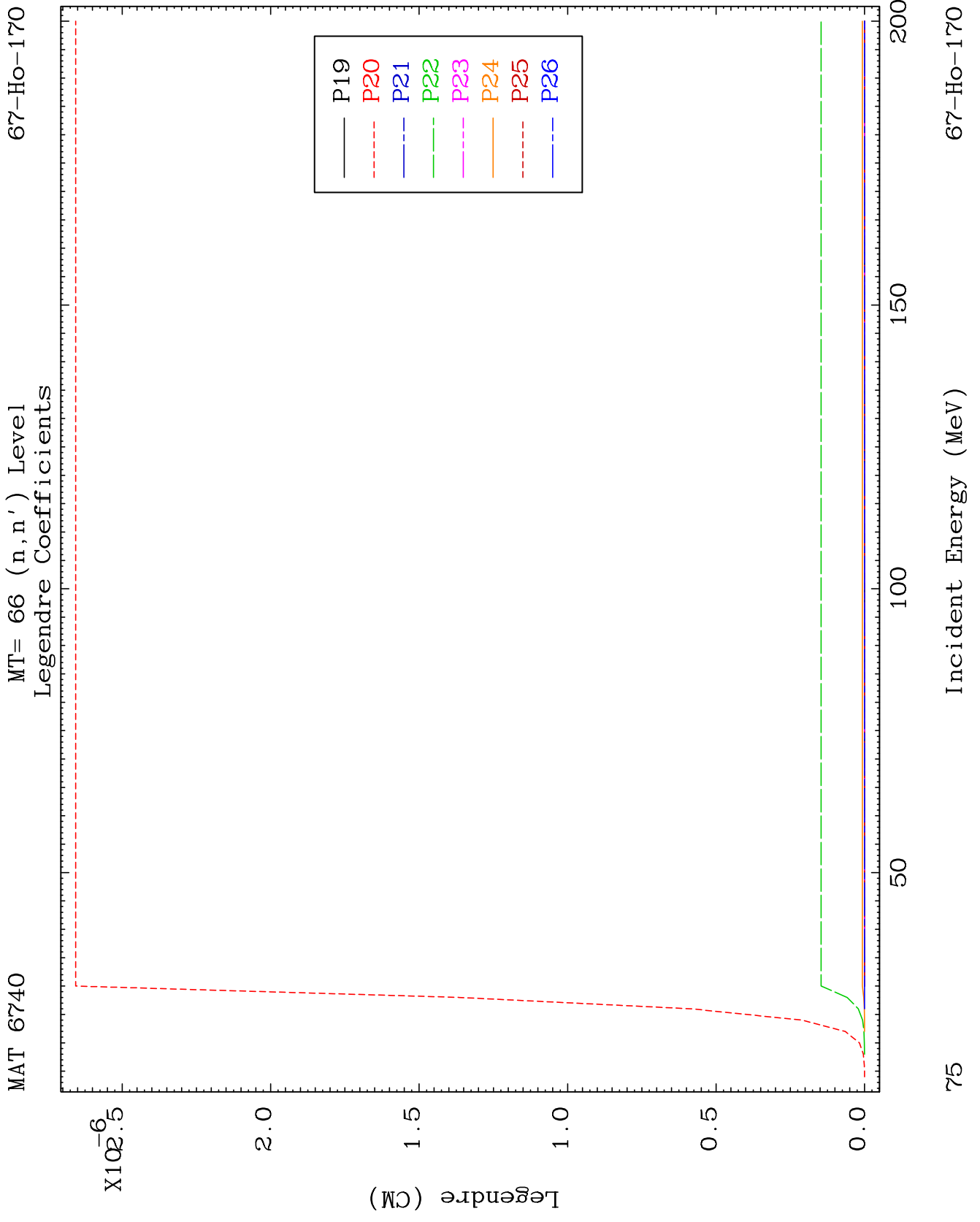
67-Ho-170



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Incident Energy (MeV)

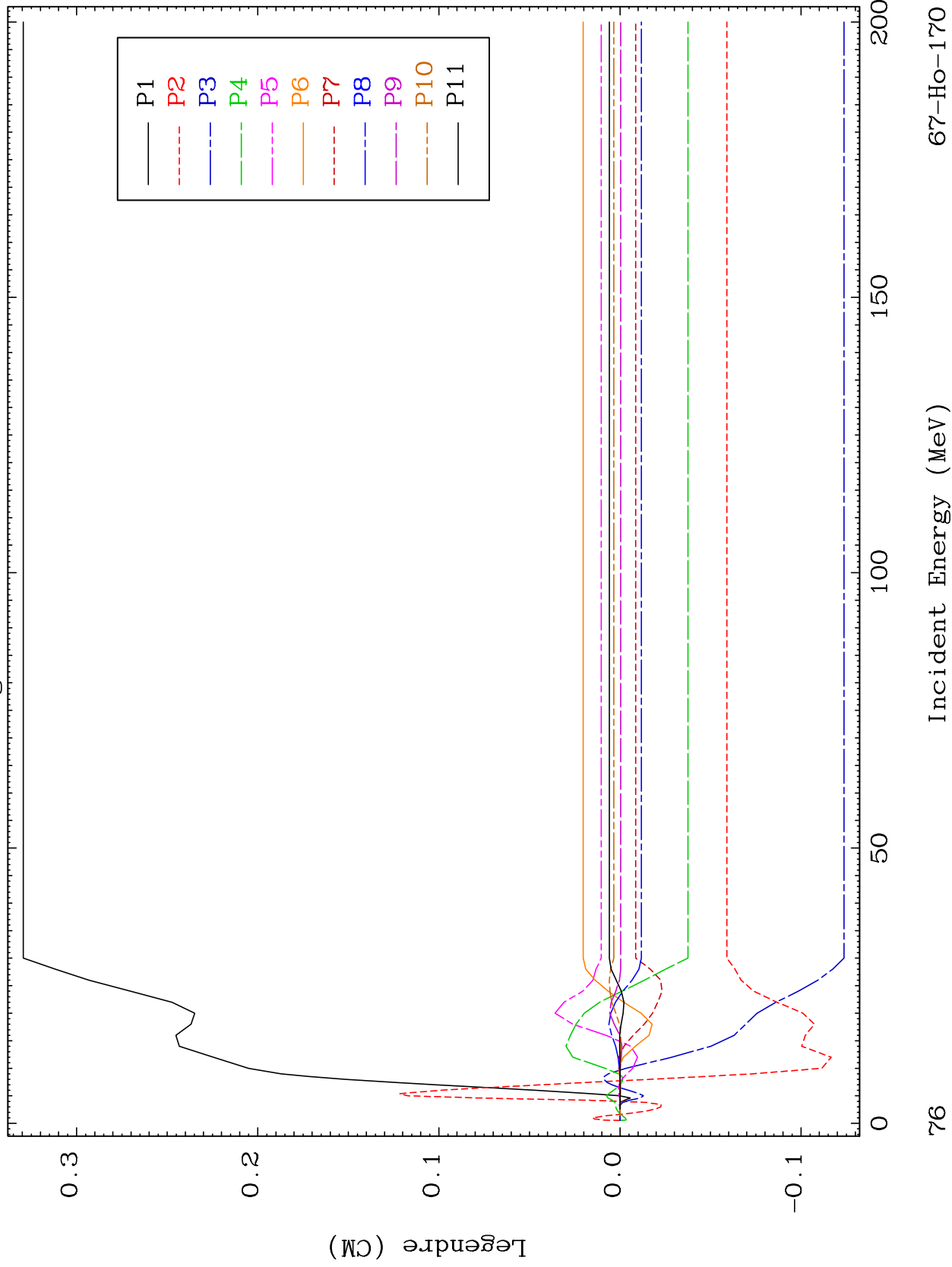
67-Ho-170



MAT 6740

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

67-Ho-170



76

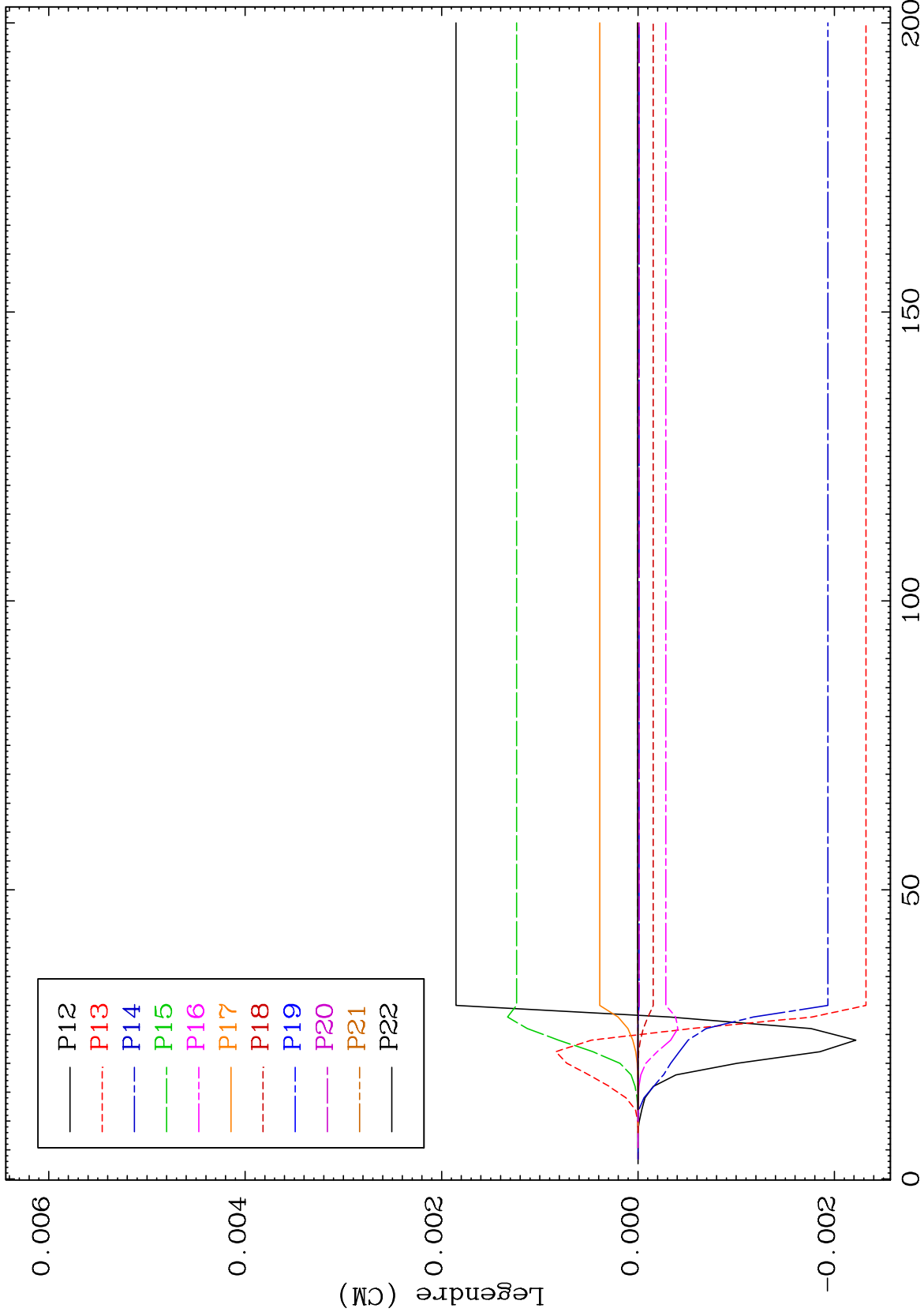
Incident Energy (MeV)

67-Ho-170

MAT 6740

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

67-Ho-170



77

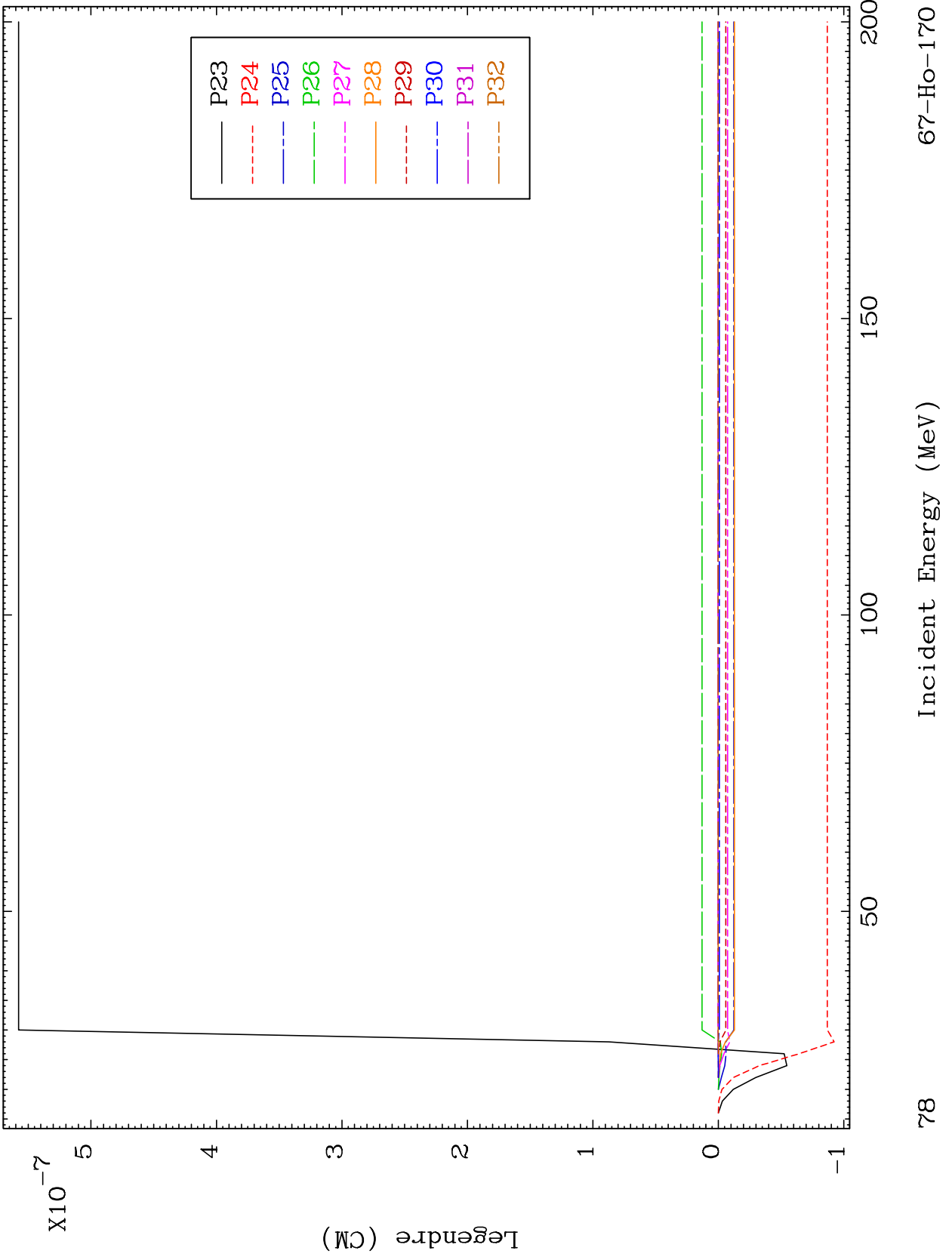
Incident Energy (MeV)

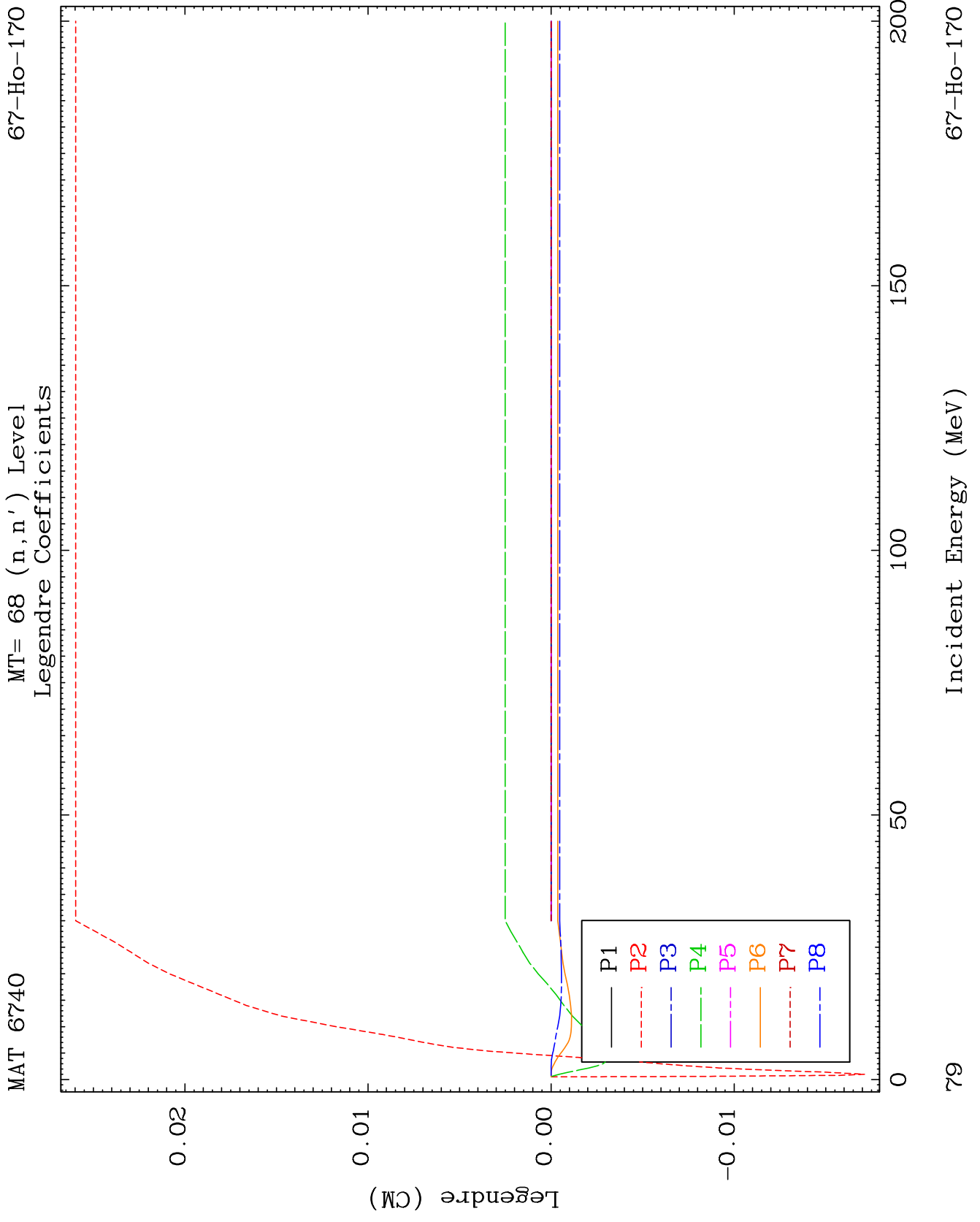
67-Ho-170

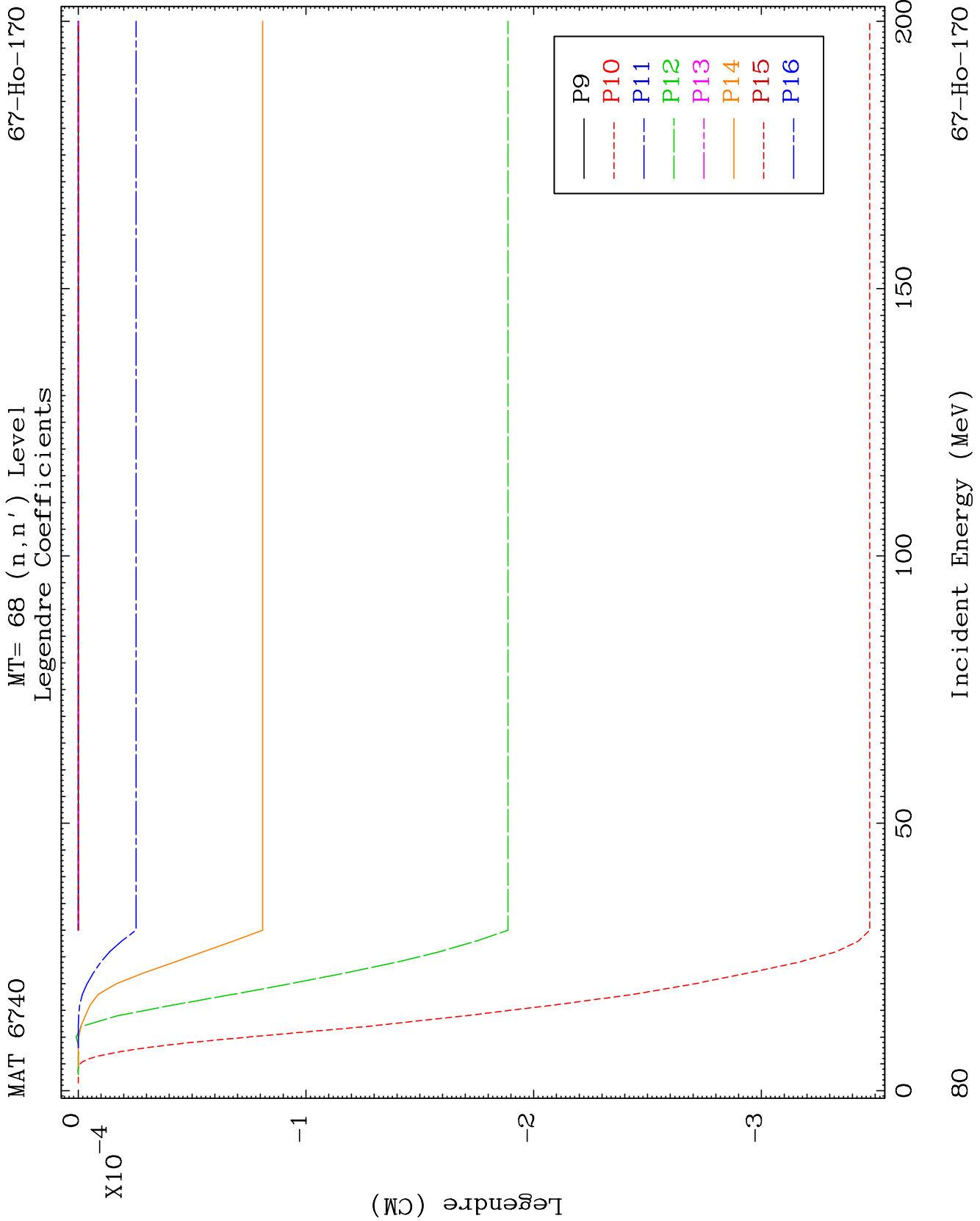
MAT 6740

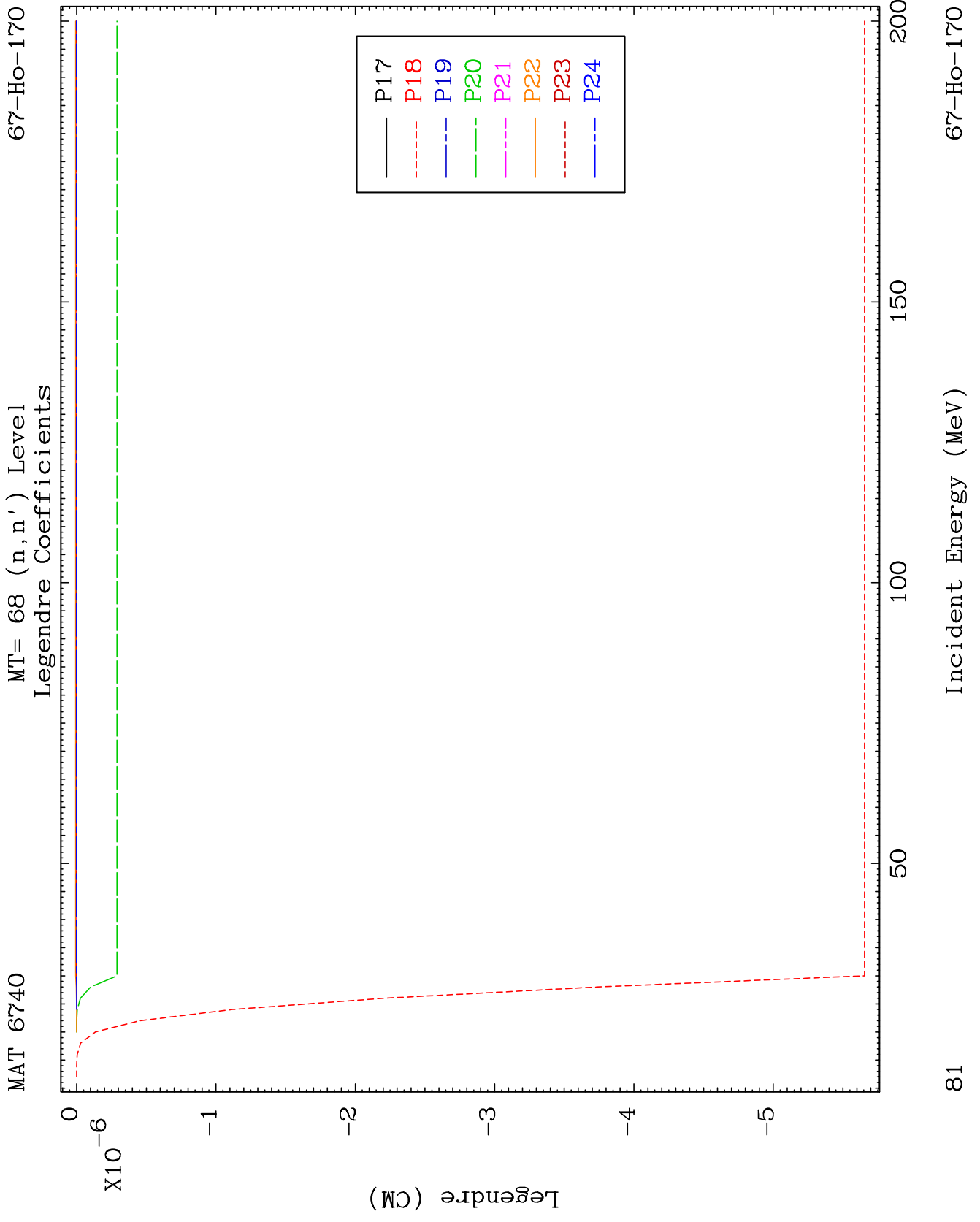
MT= 67 (n,n') Level
Legendre Coefficients

67-Ho-170





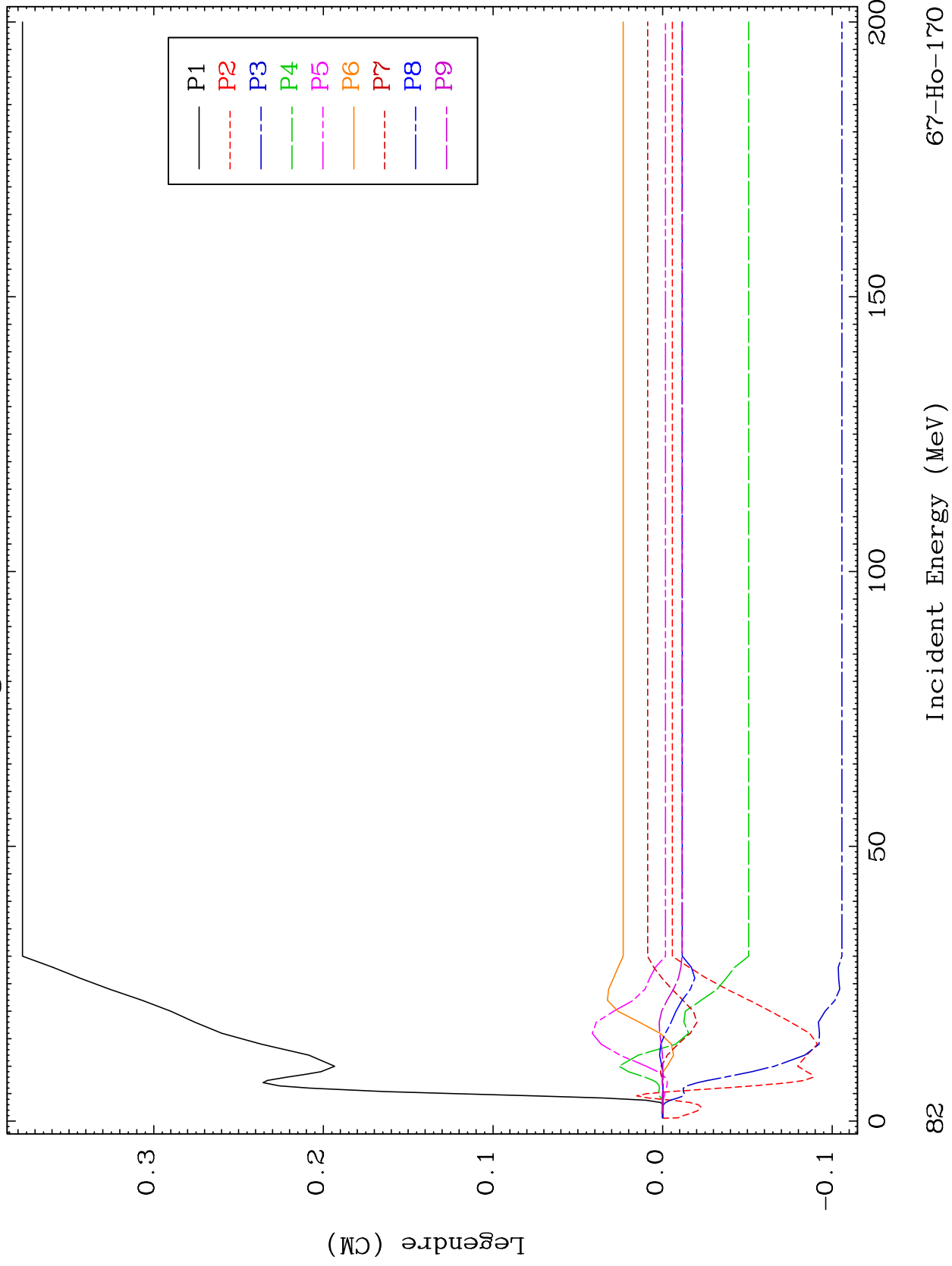




MAT 6740

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

67-Ho-170



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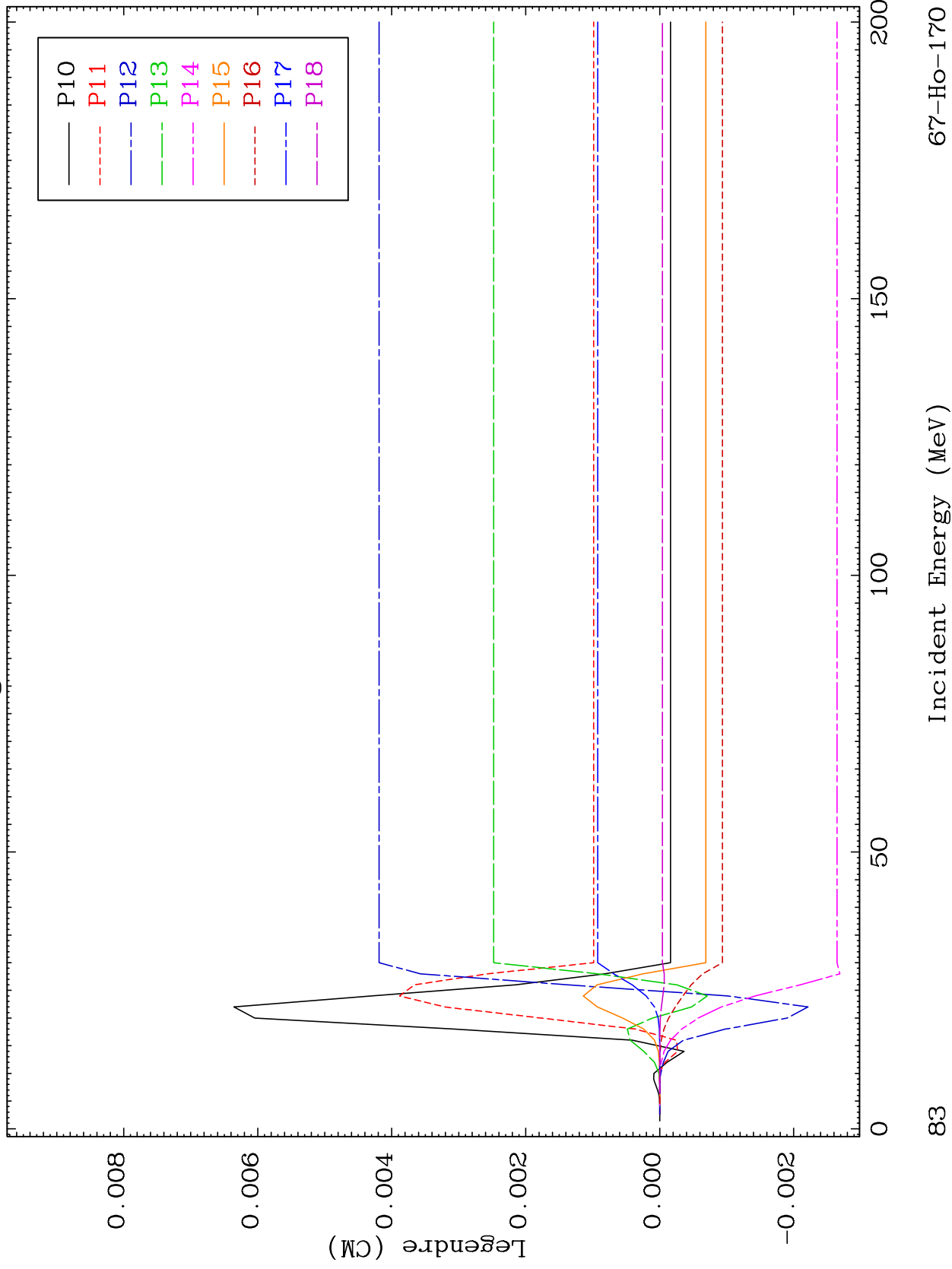
Incident Energy (MeV)

67-Ho-170

MAT 6740

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

67-Ho-170



83

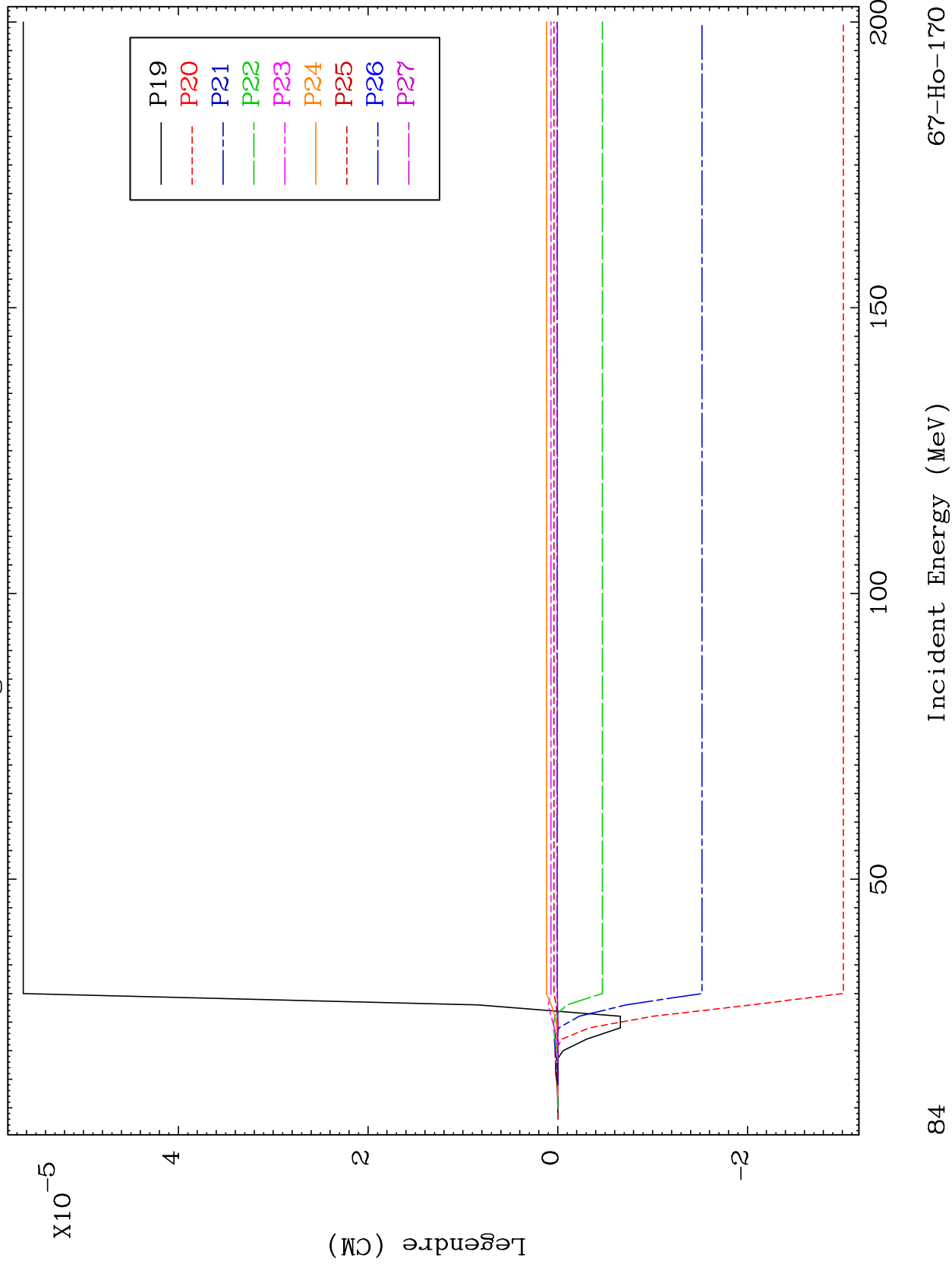
Incident Energy (MeV)

67-Ho-170

MAT 6740

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

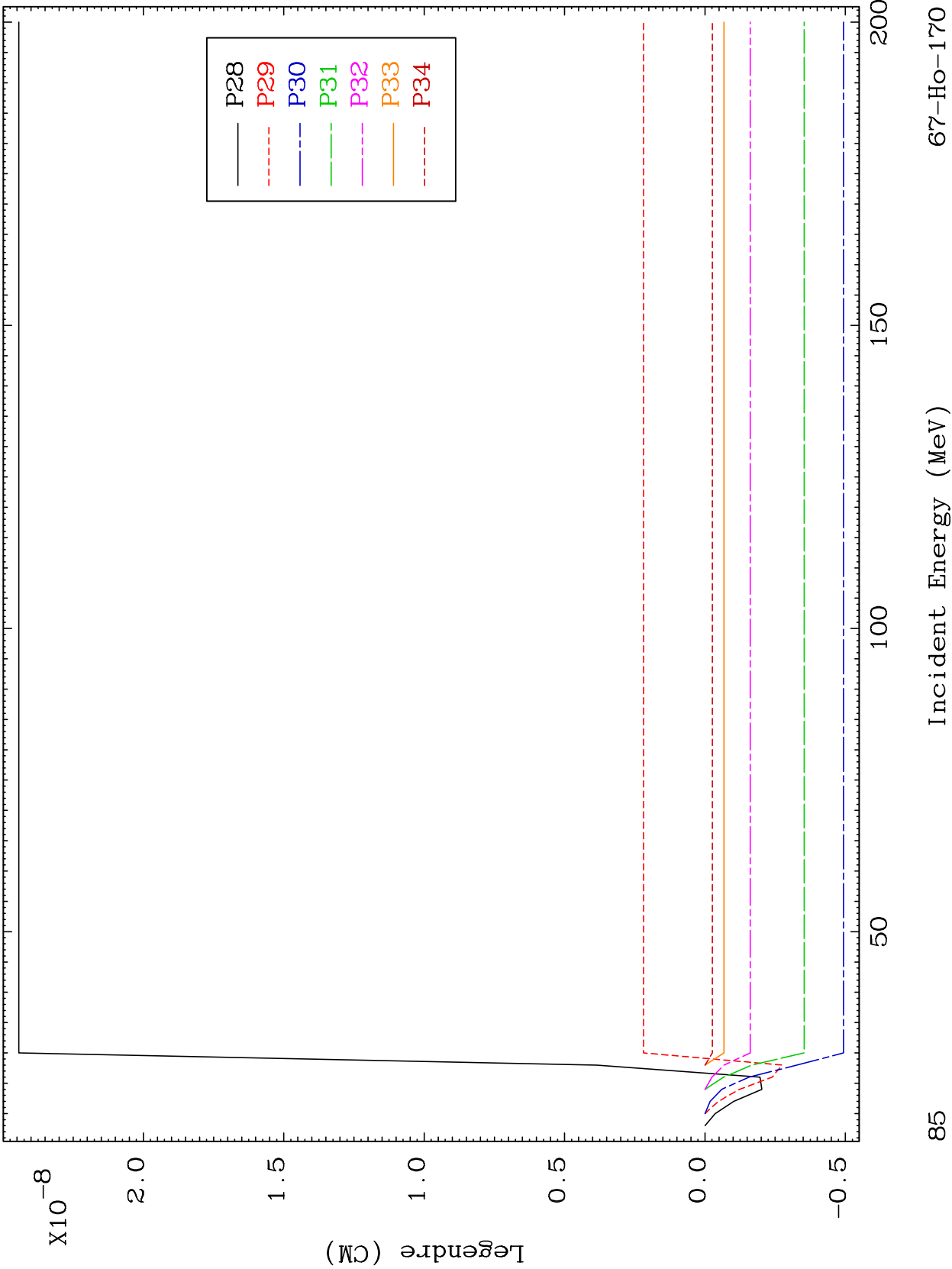
67-Ho-170



MAT 6740

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

67-Ho-170



85

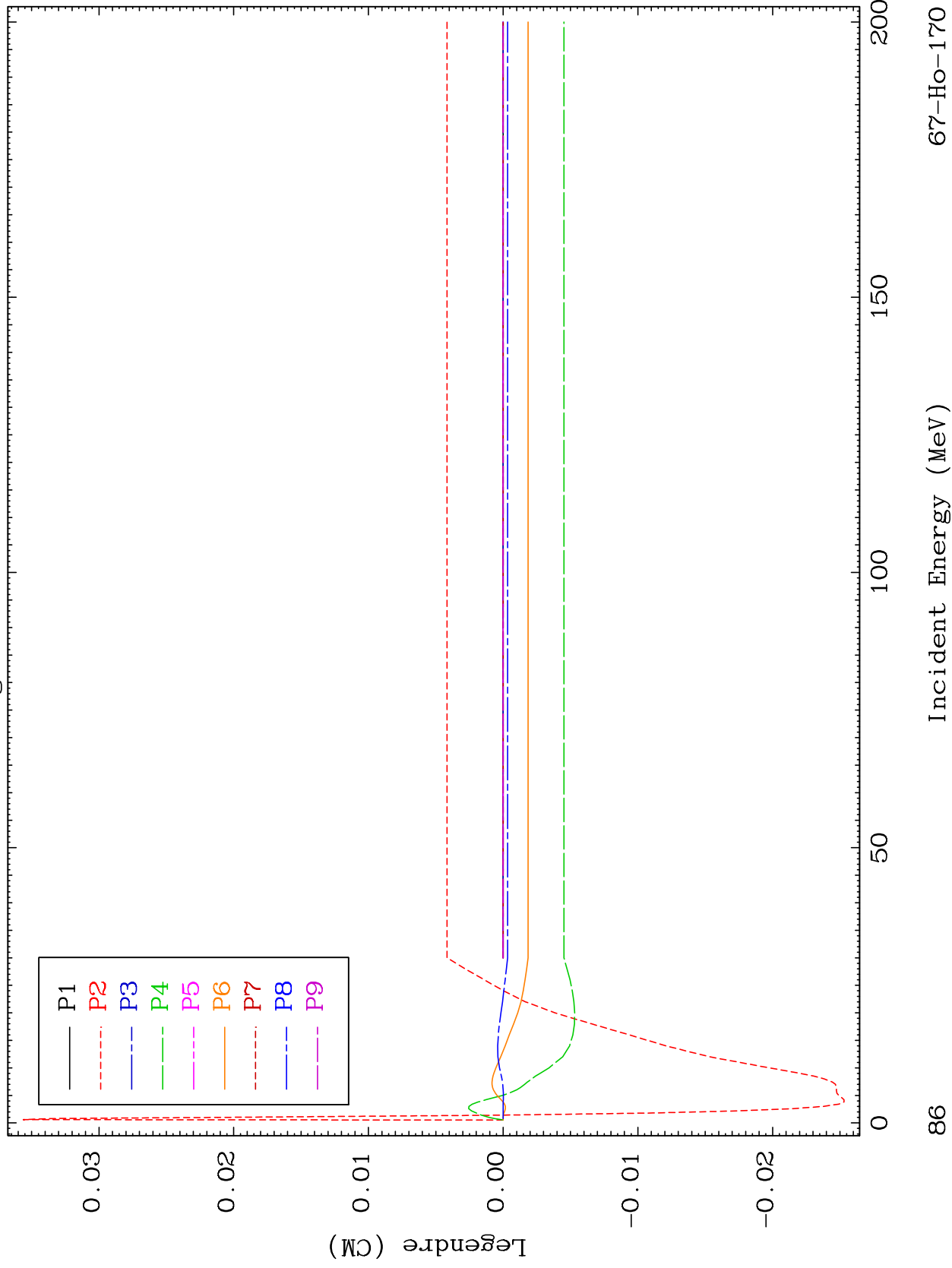
Incident Energy (MeV)

67-Ho-170

MAT 6740

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

67-Ho-170



86

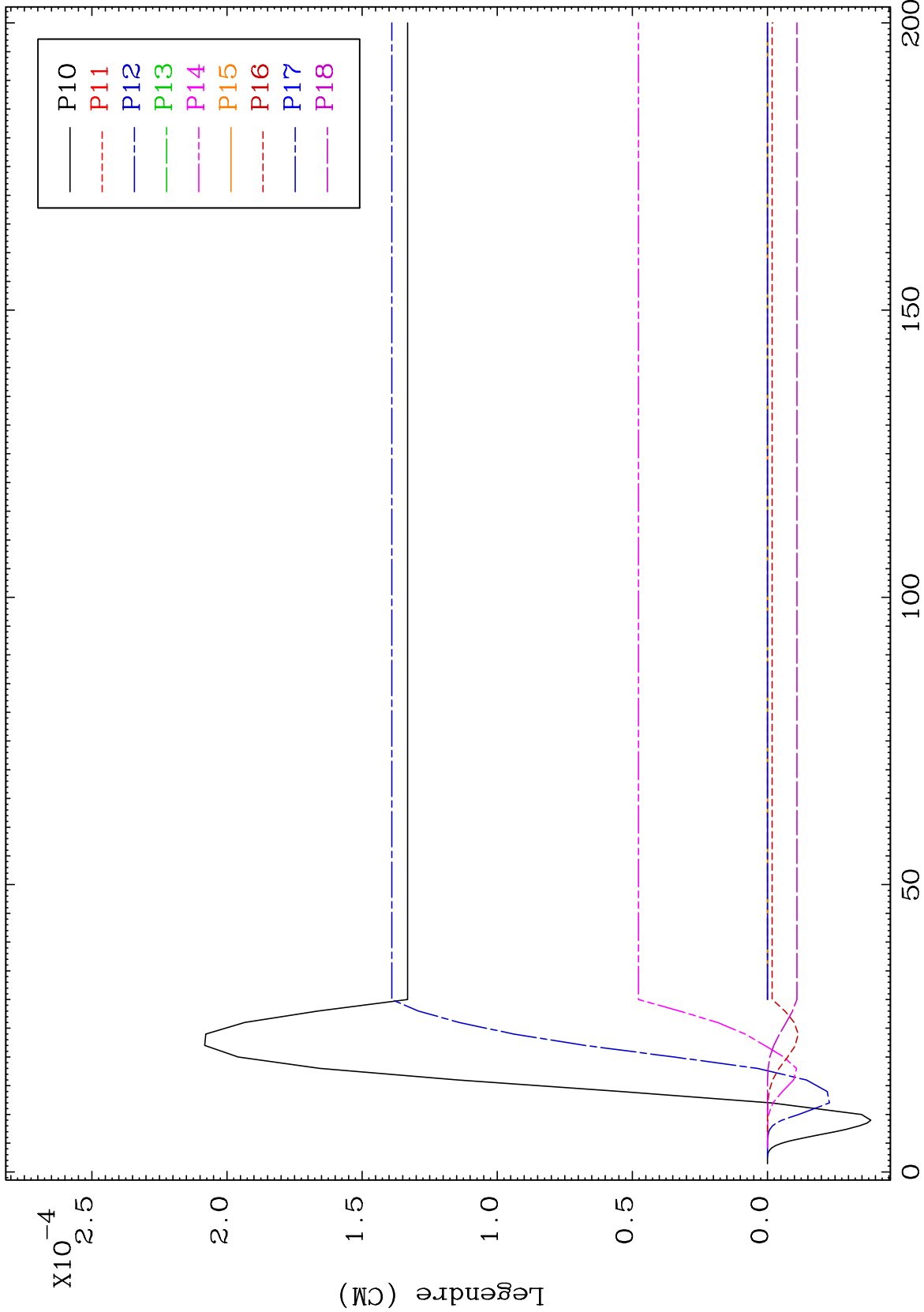
Incident Energy (MeV)

67-Ho-170

MAT 6740

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

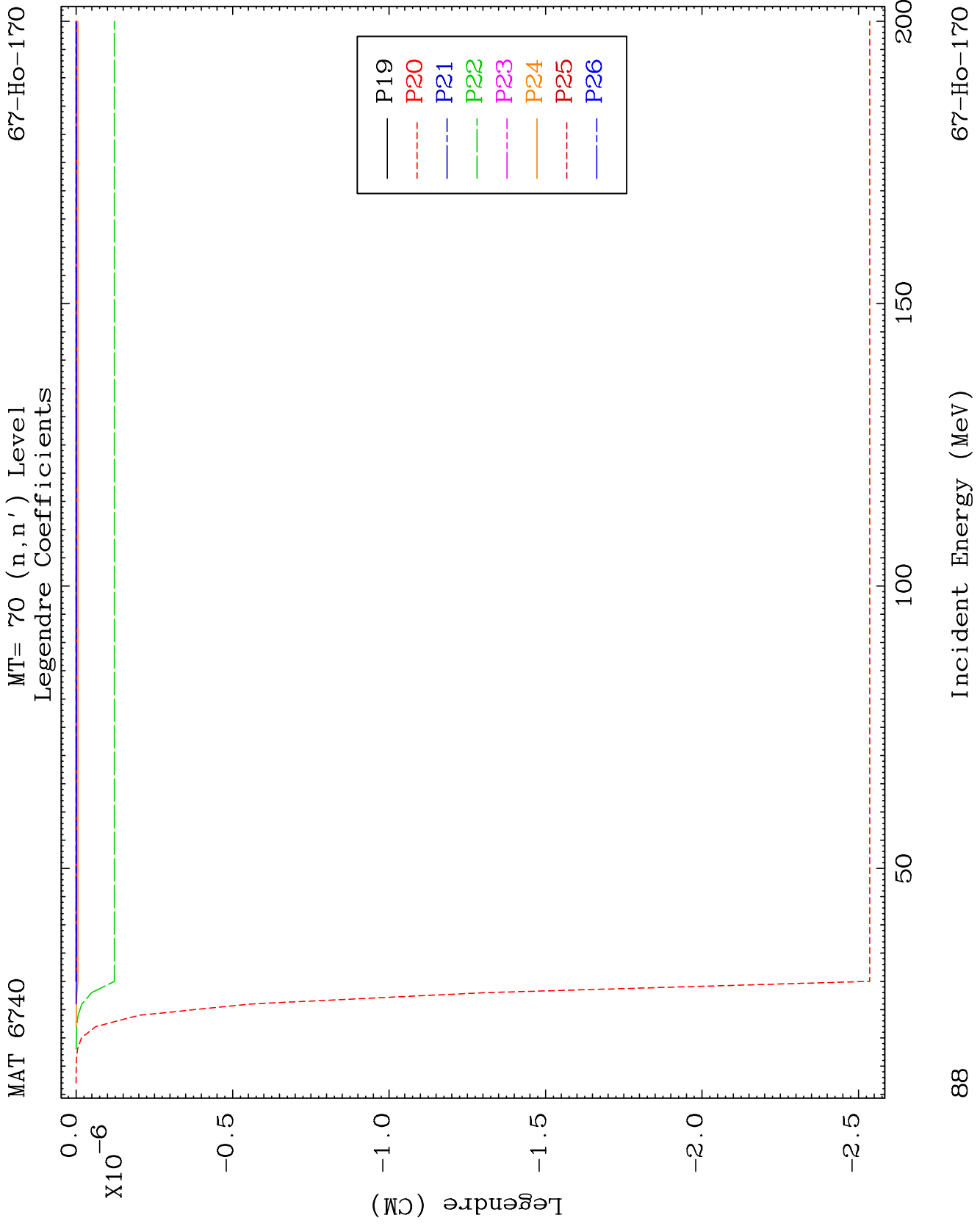
67-Ho-170



87

Incident Energy (MeV)

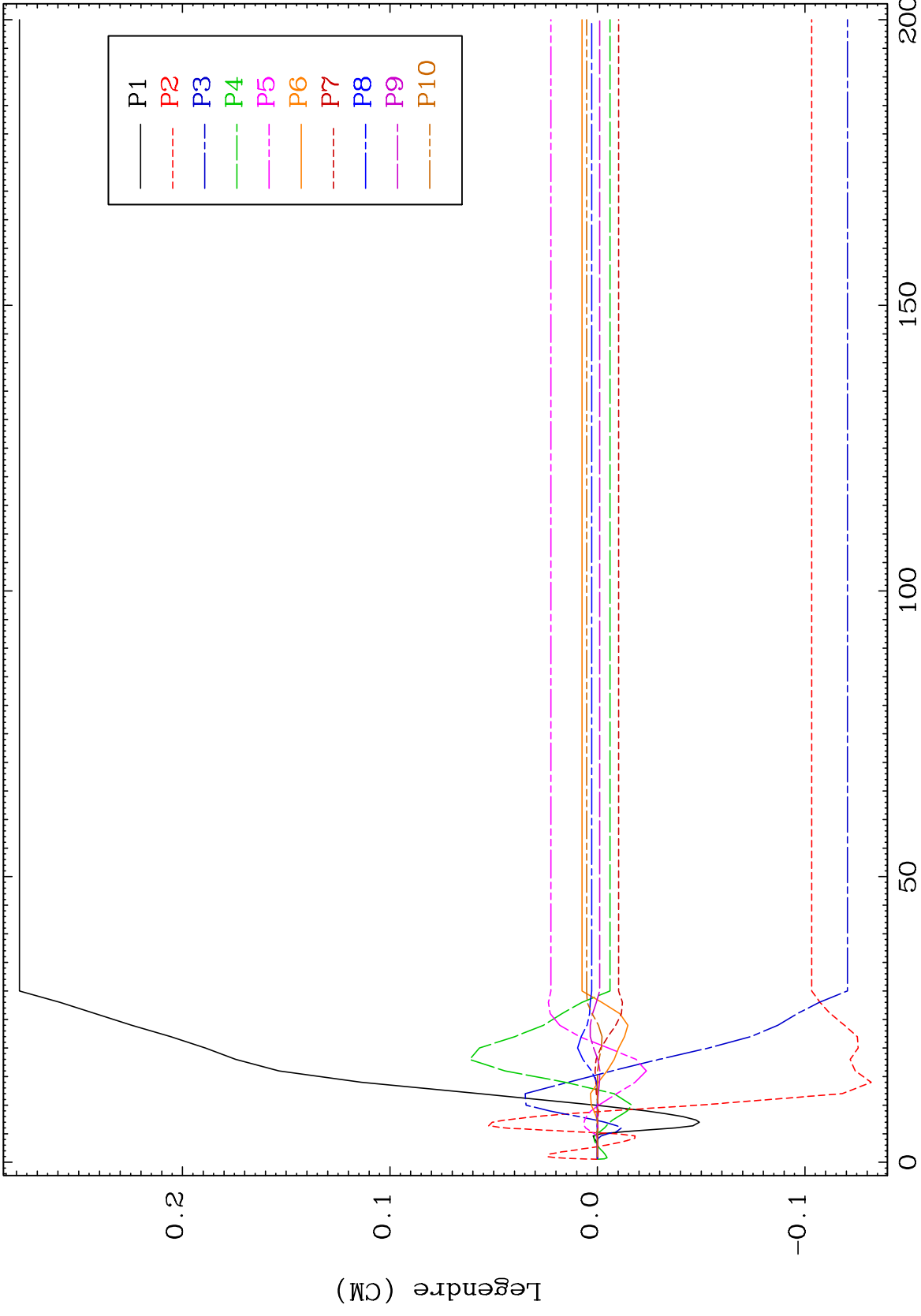
67-Ho-170



MAT 6740

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

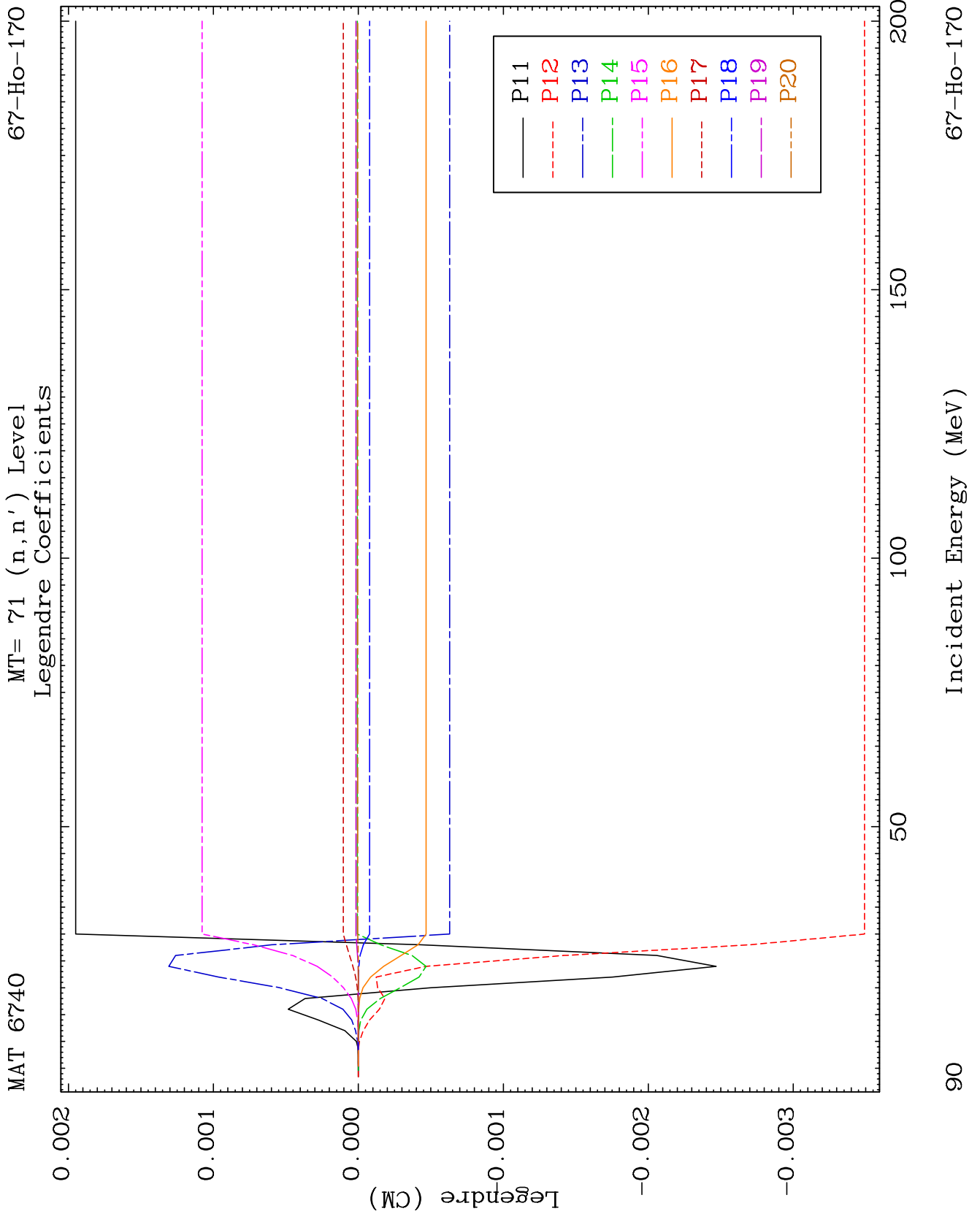
67-Ho-170



89

Incident Energy (MeV)

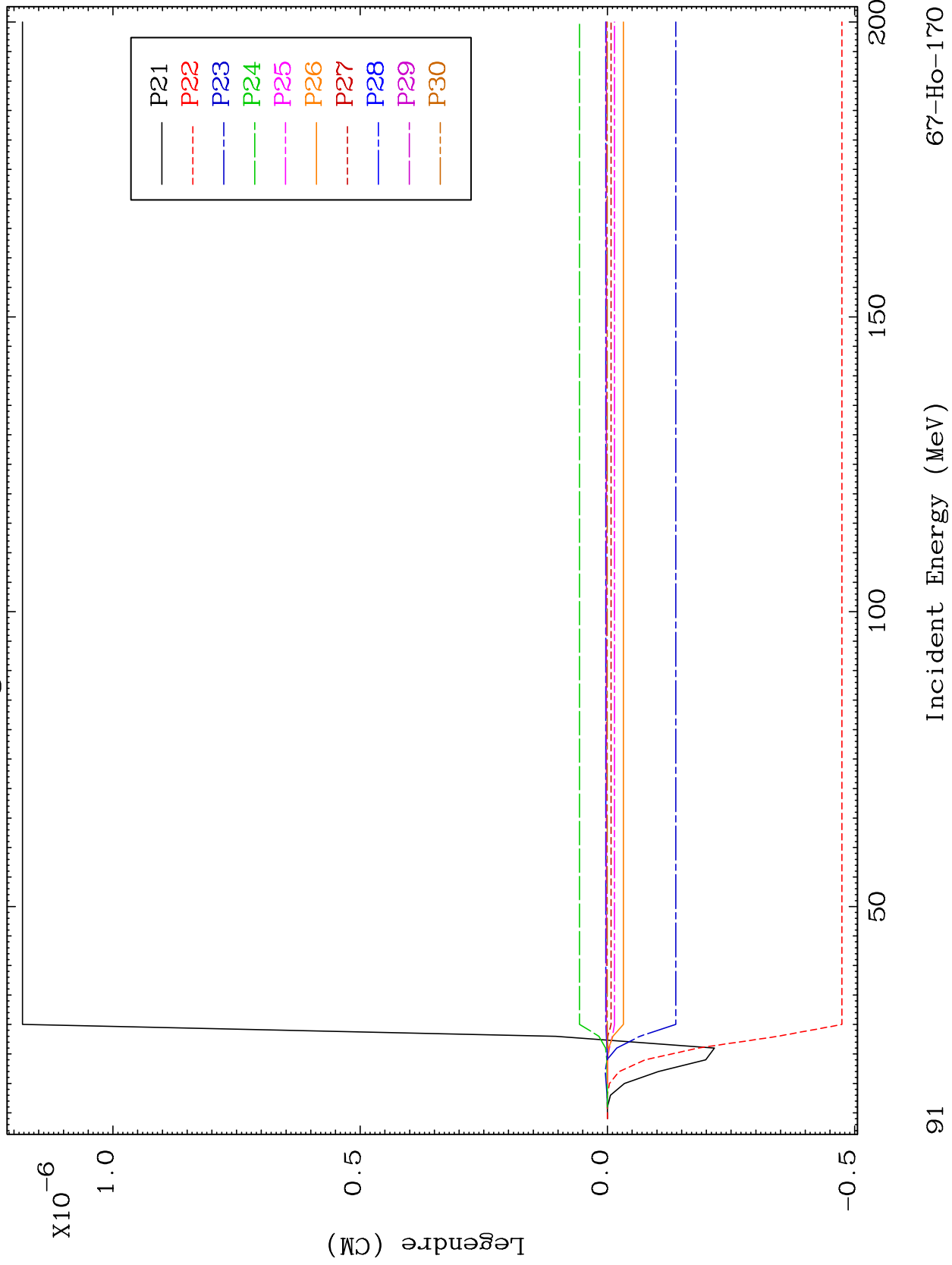
67-Ho-170



MAT 6740

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

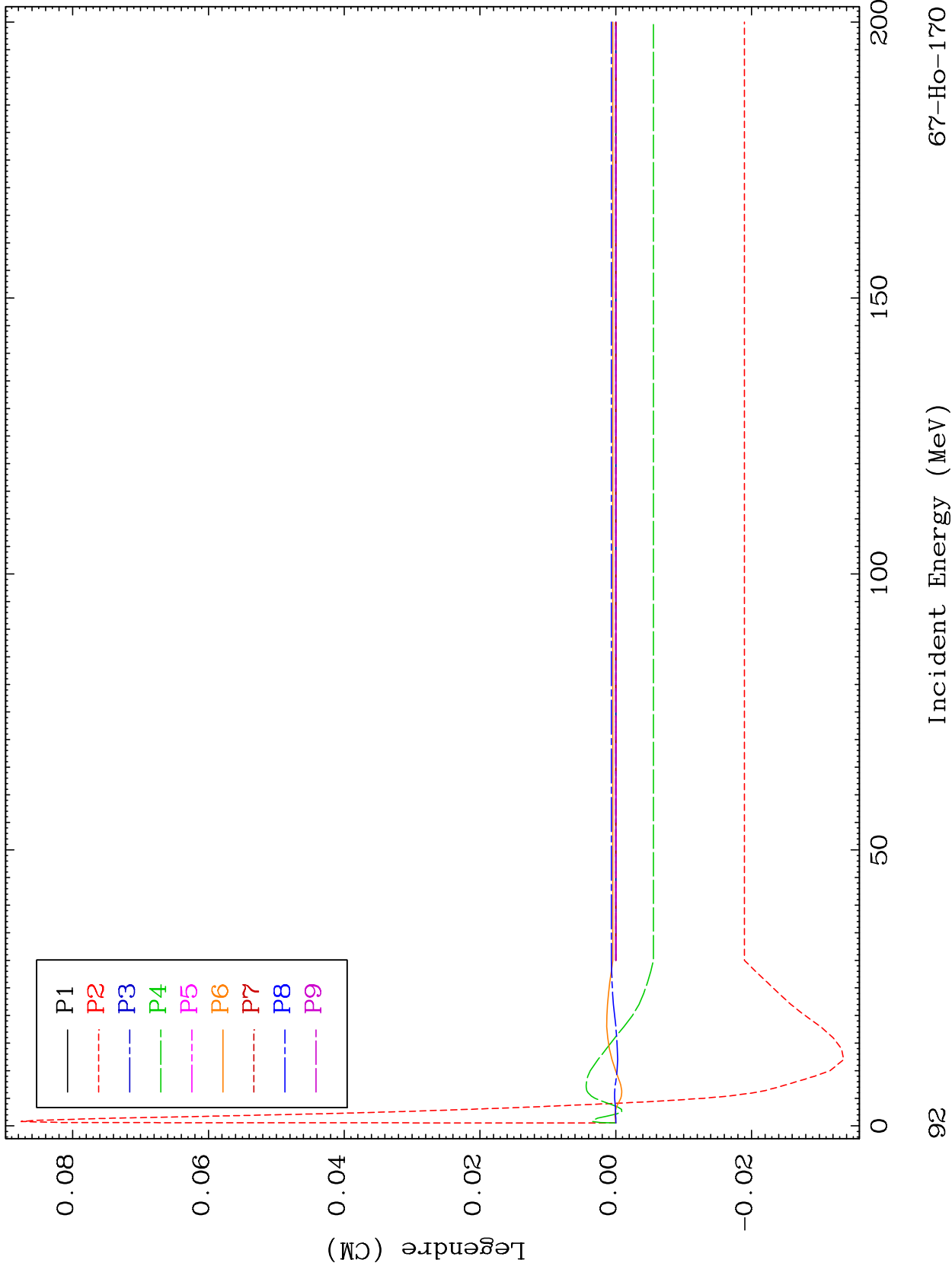
67-Ho-170



MAT 6740

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

67-Ho-170



67-Ho-170

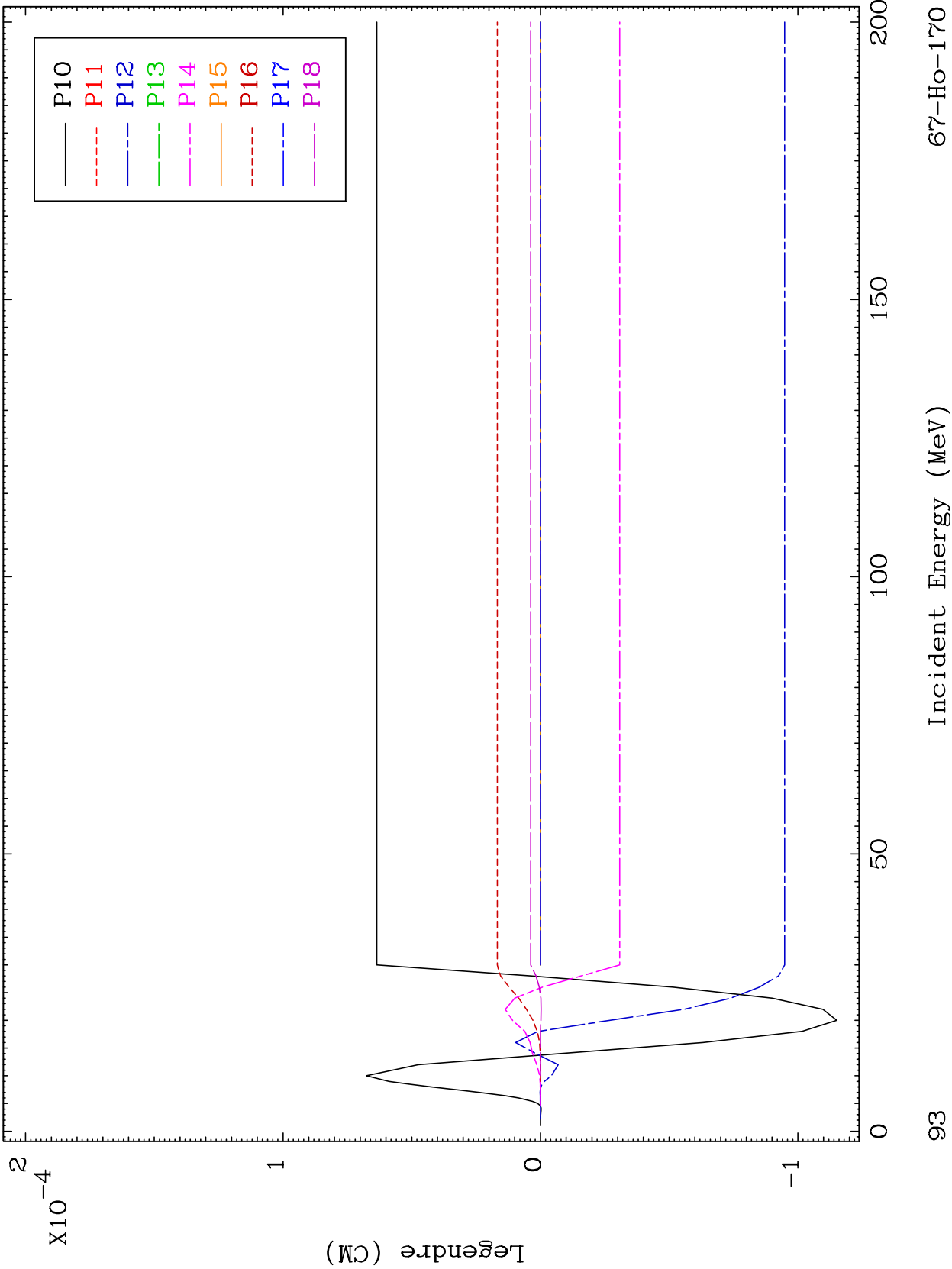
Incident Energy (MeV)

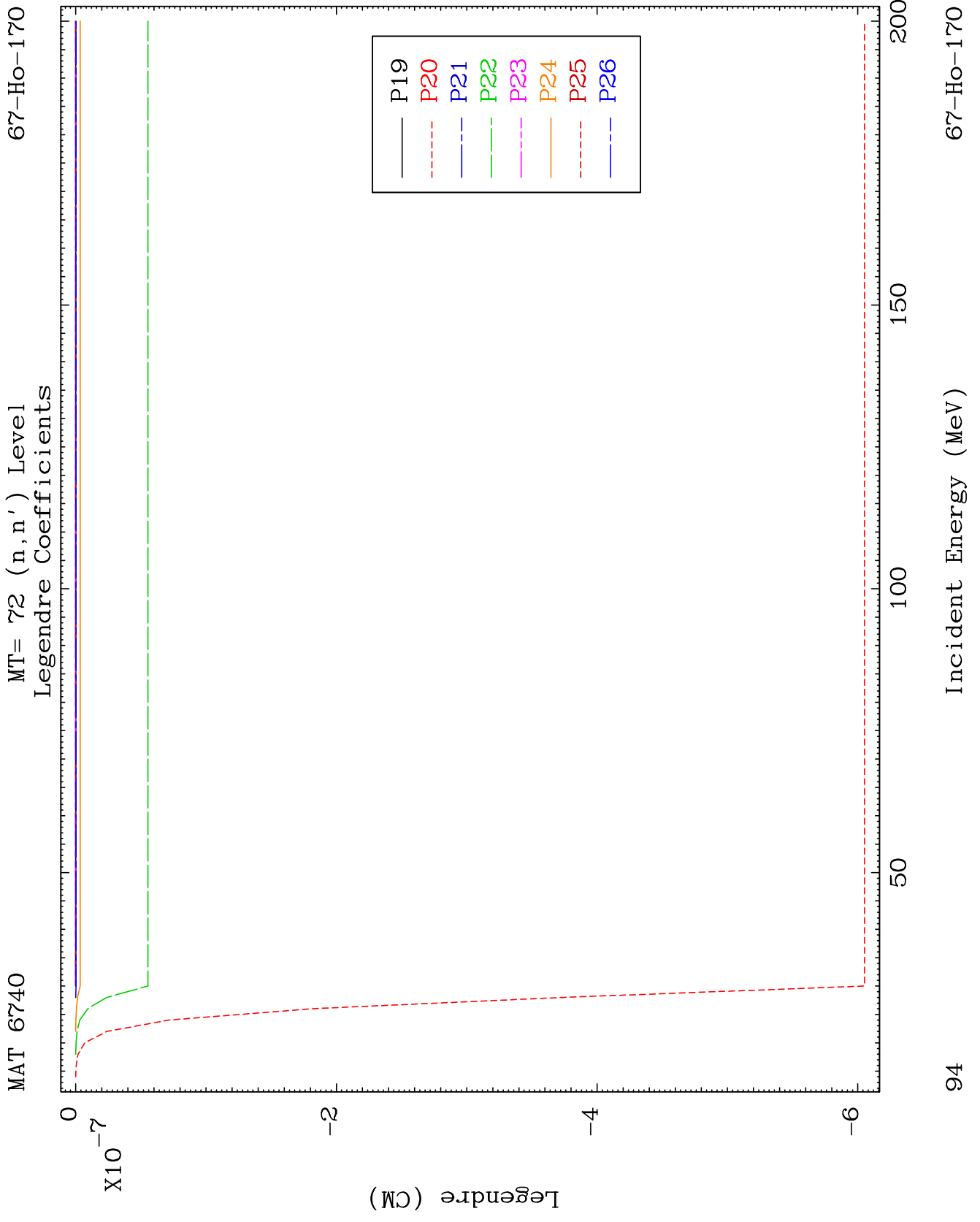
92

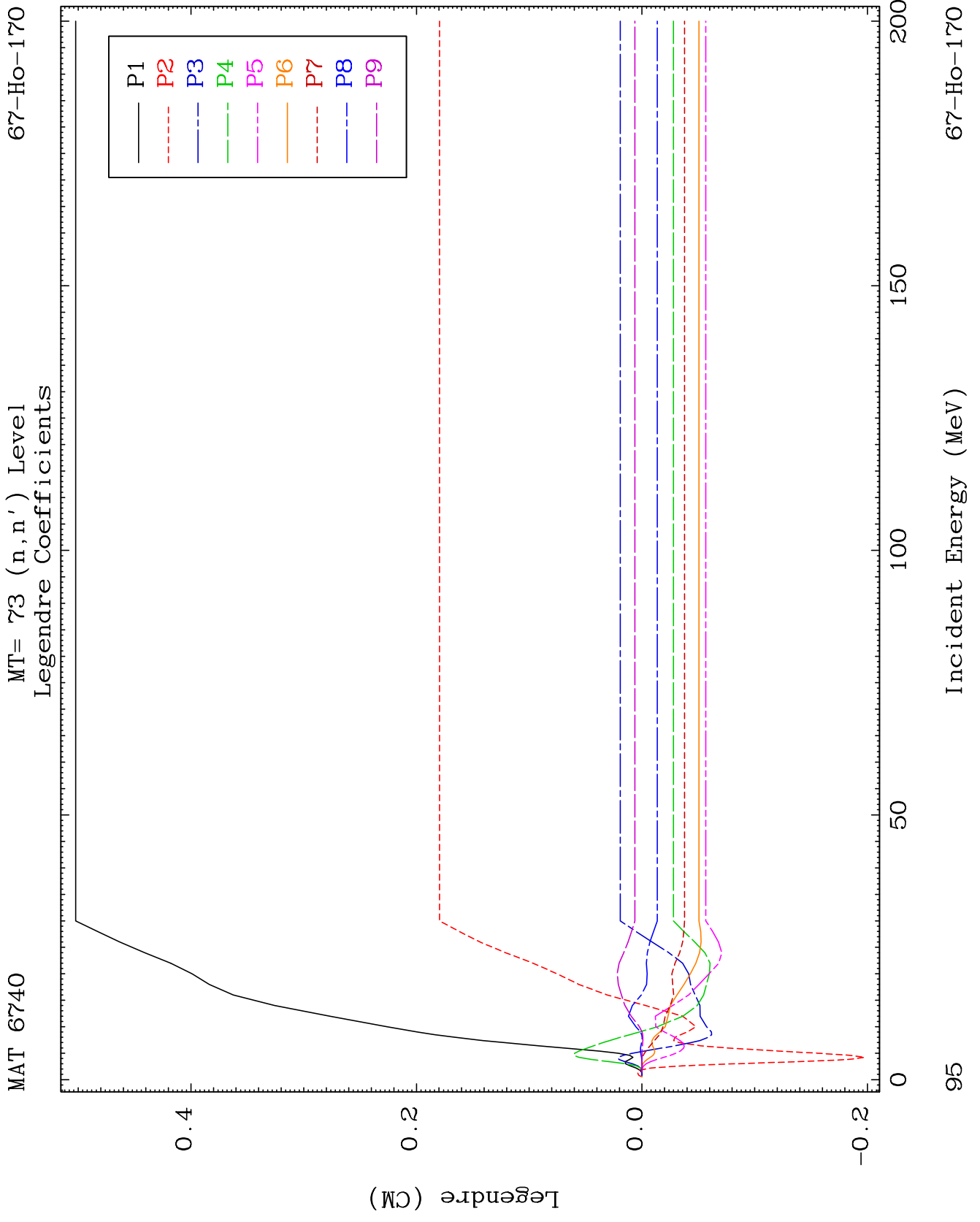
MAT 6740

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

67-Ho-170



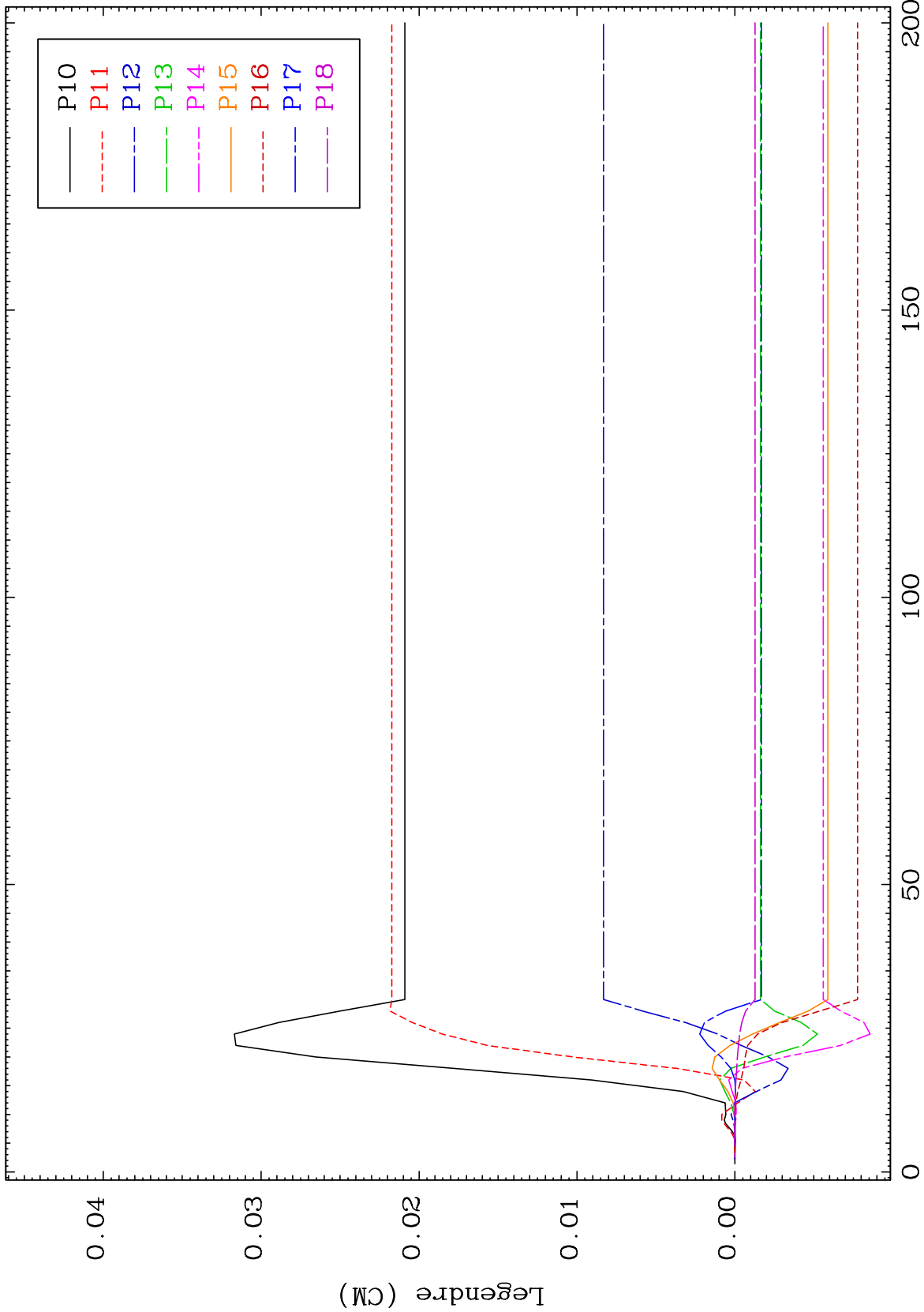




MAT 6740

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

67-Ho-170



96

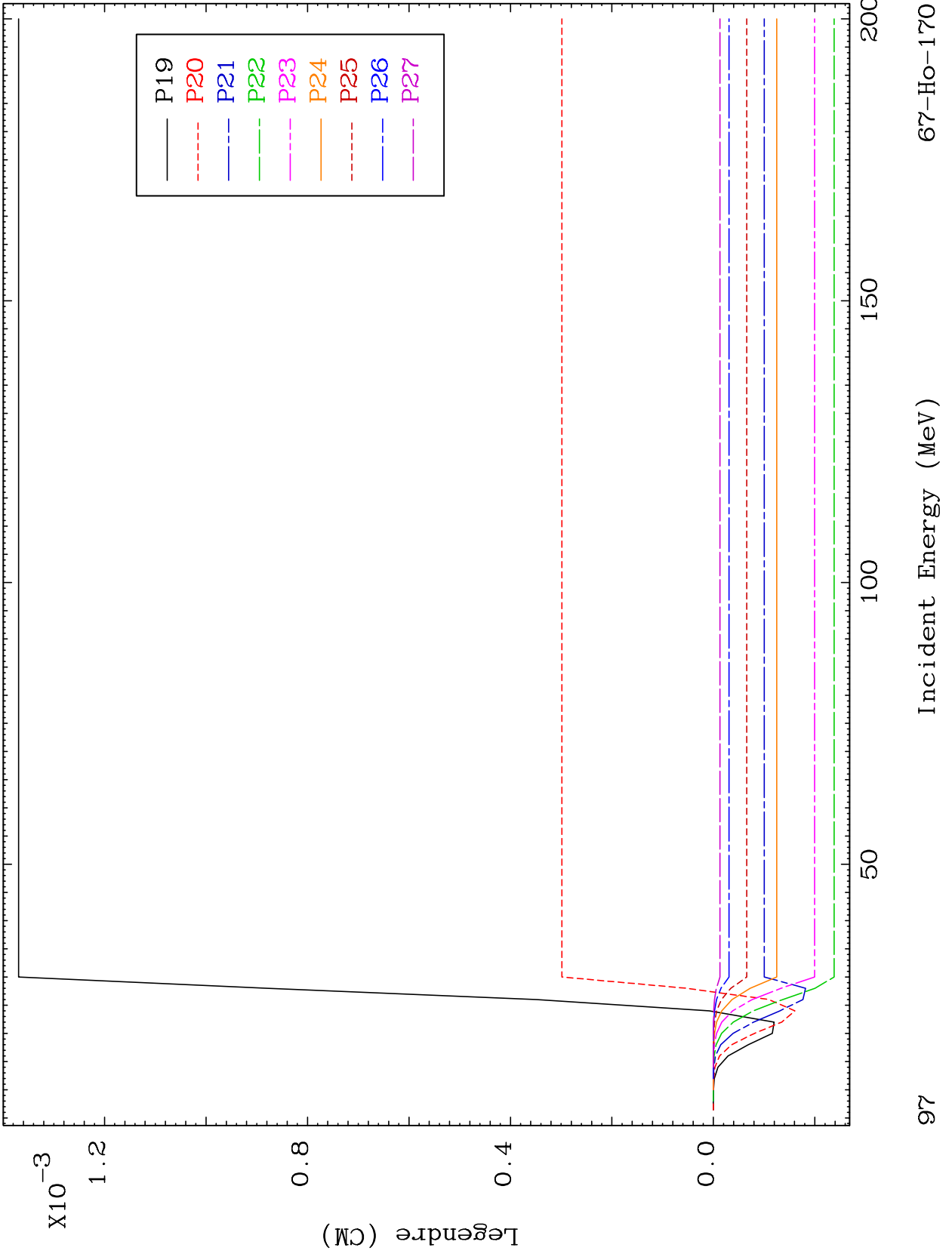
Incident Energy (MeV)

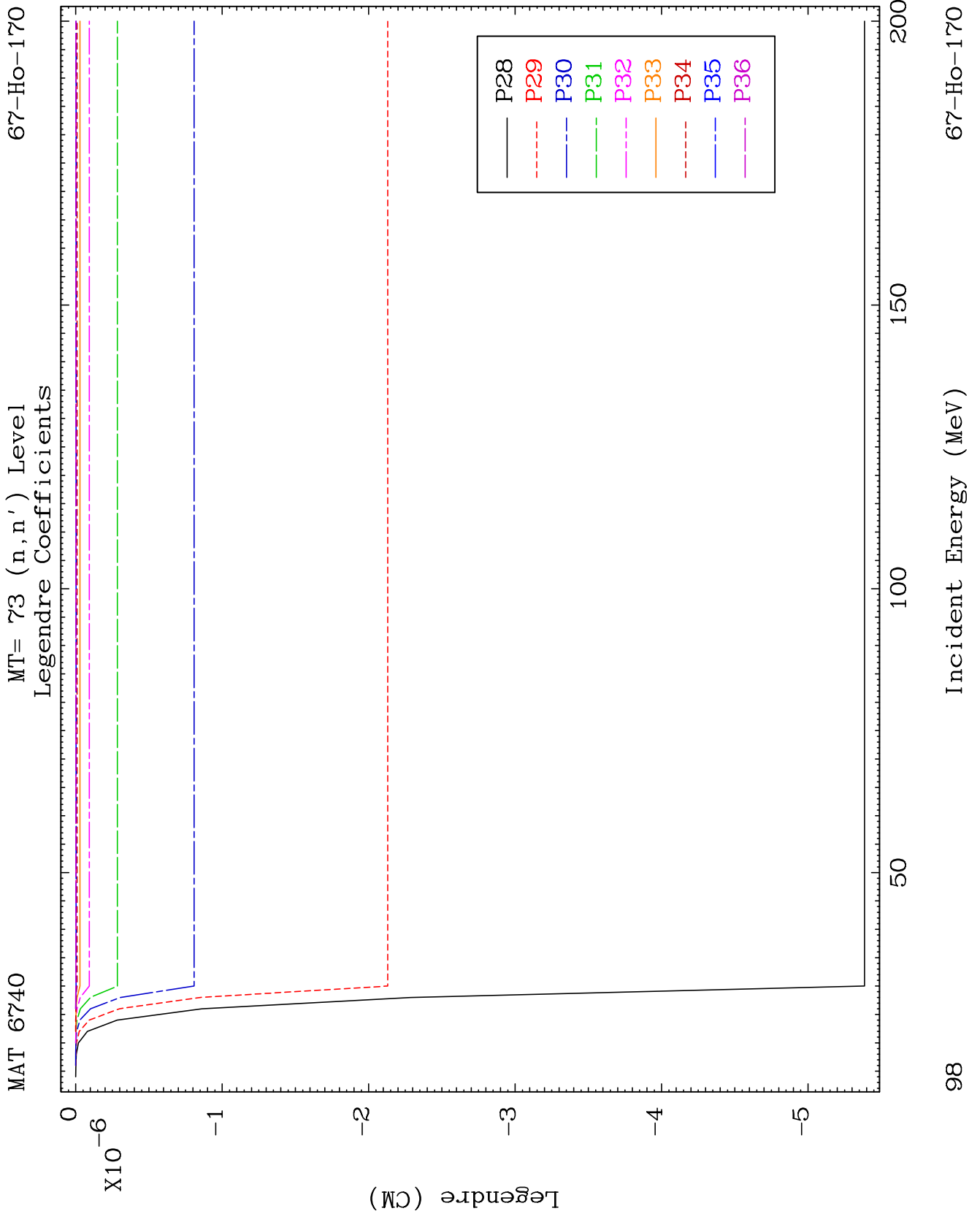
67-Ho-170

MAT 6740

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

67-Ho-170

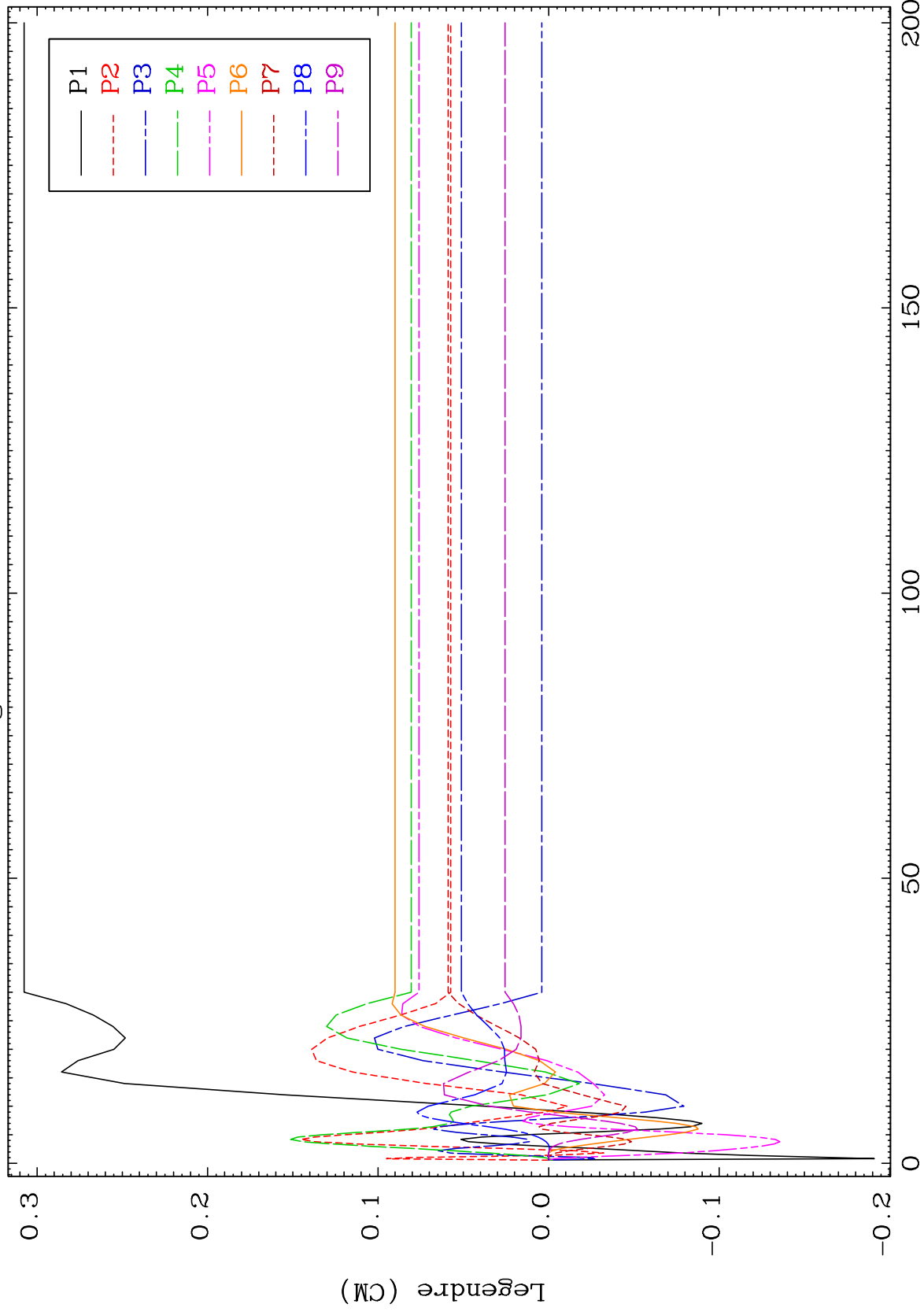




MAT 6740

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

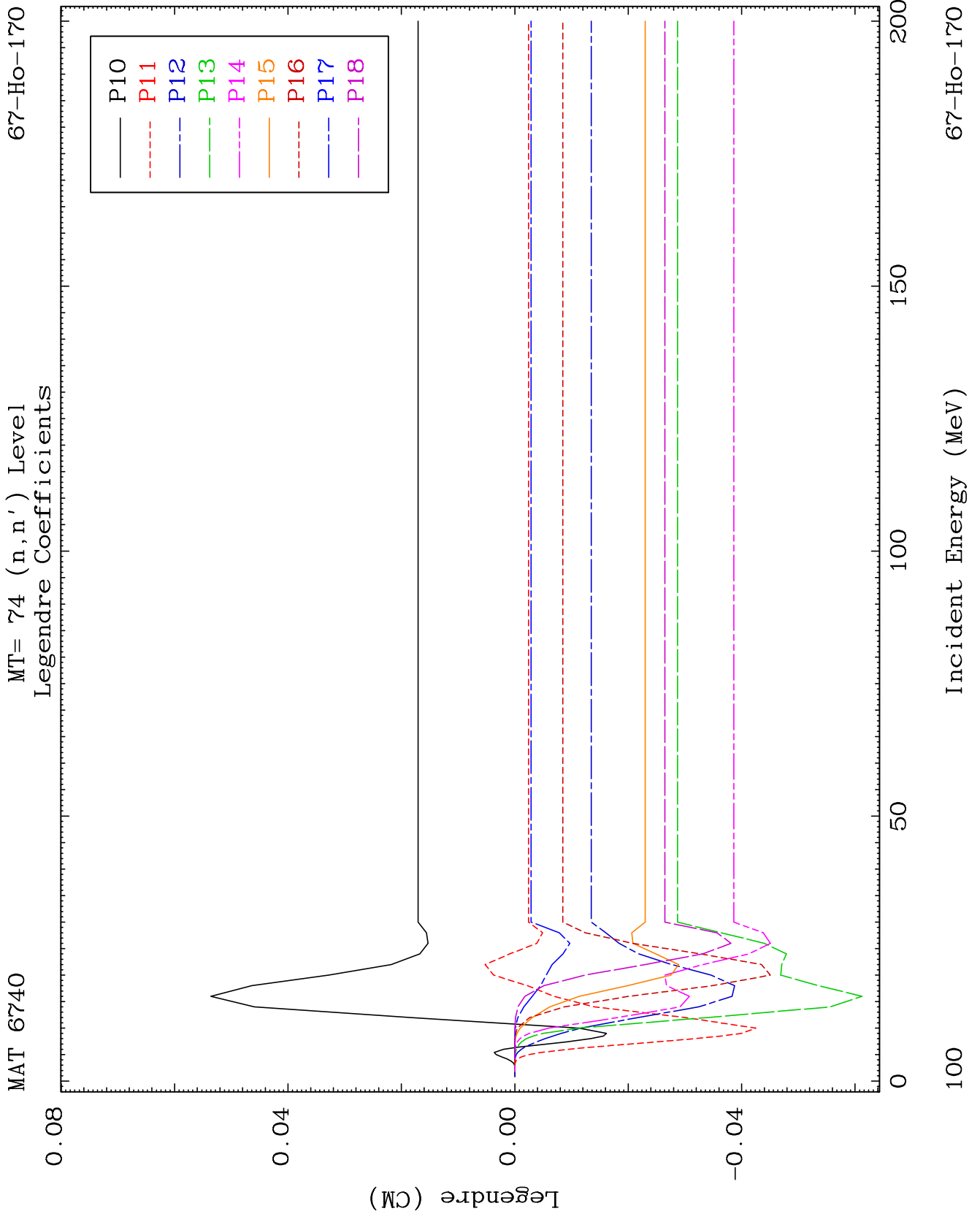
67-Ho-170



99

Incident Energy (MeV)

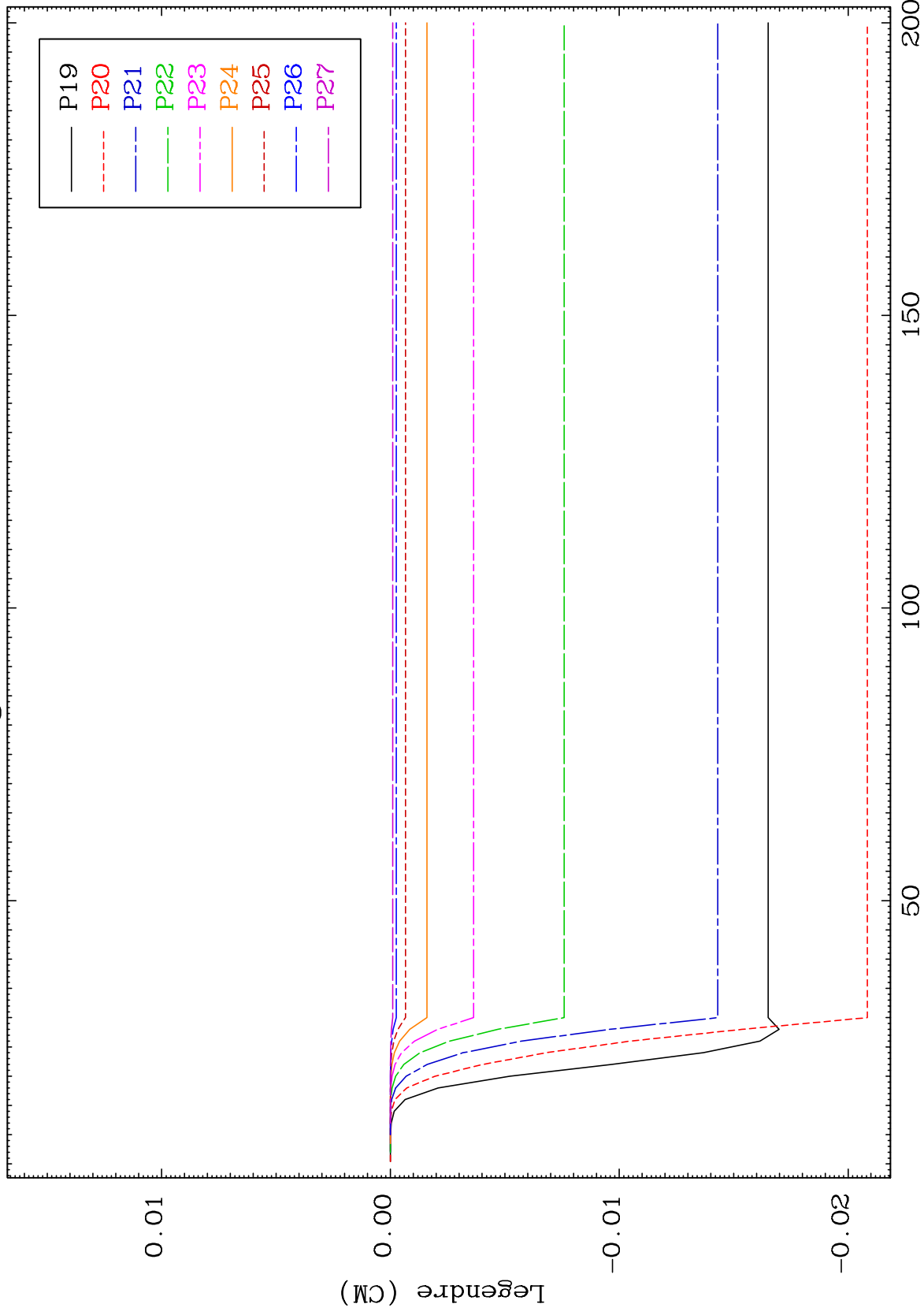
67-Ho-170



MAT 6740

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

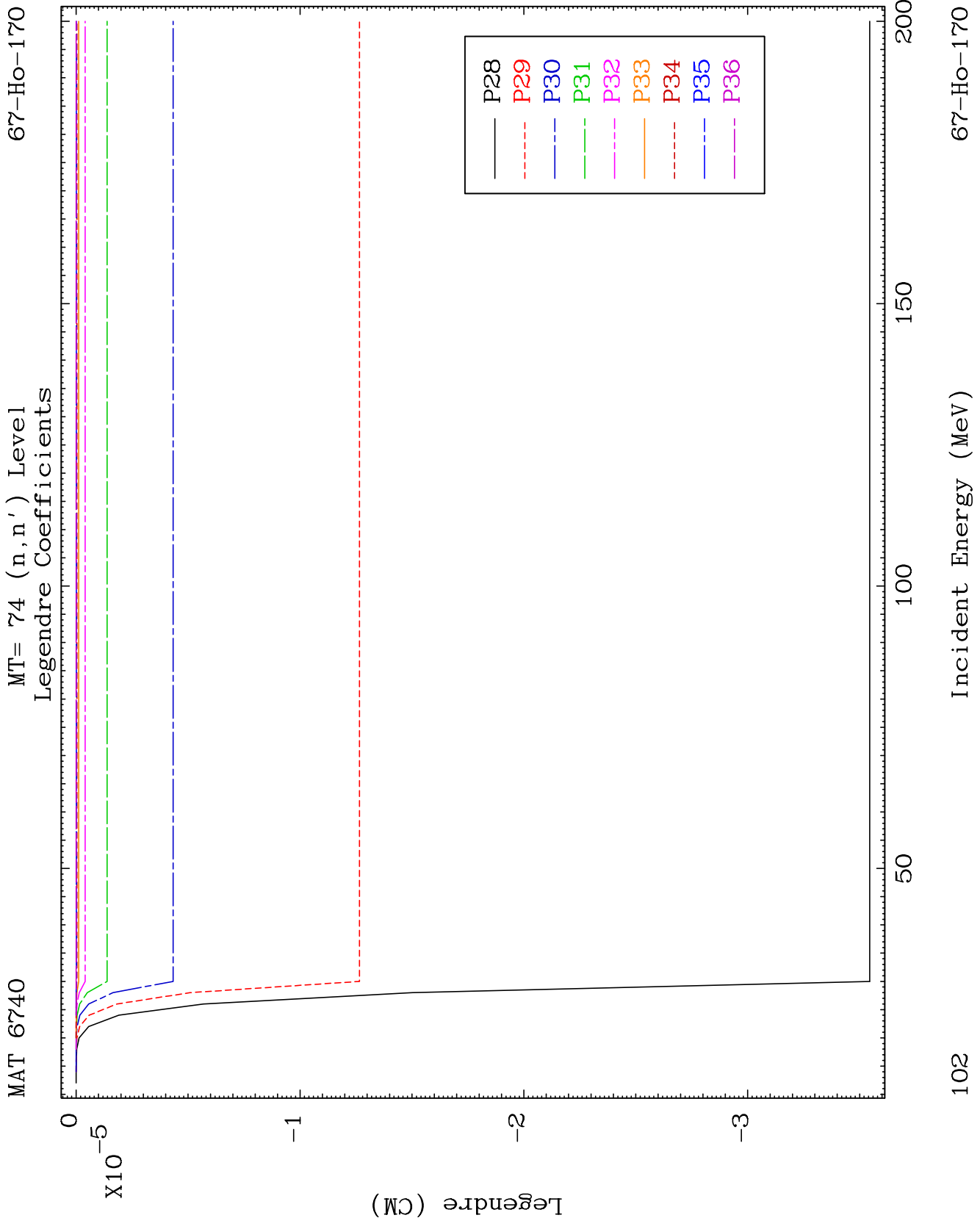
67-Ho-170

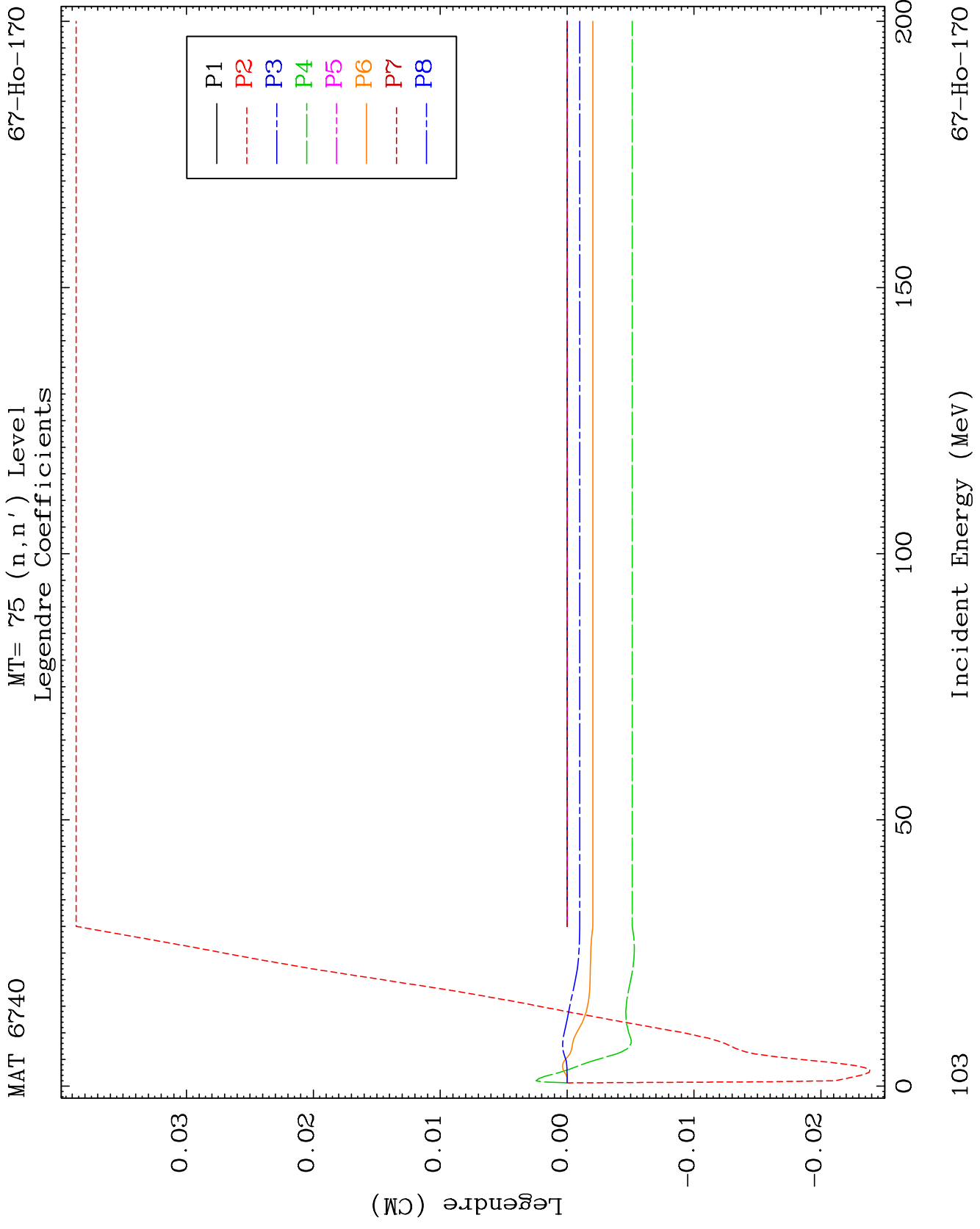


101

Incident Energy (MeV)

67-Ho-170

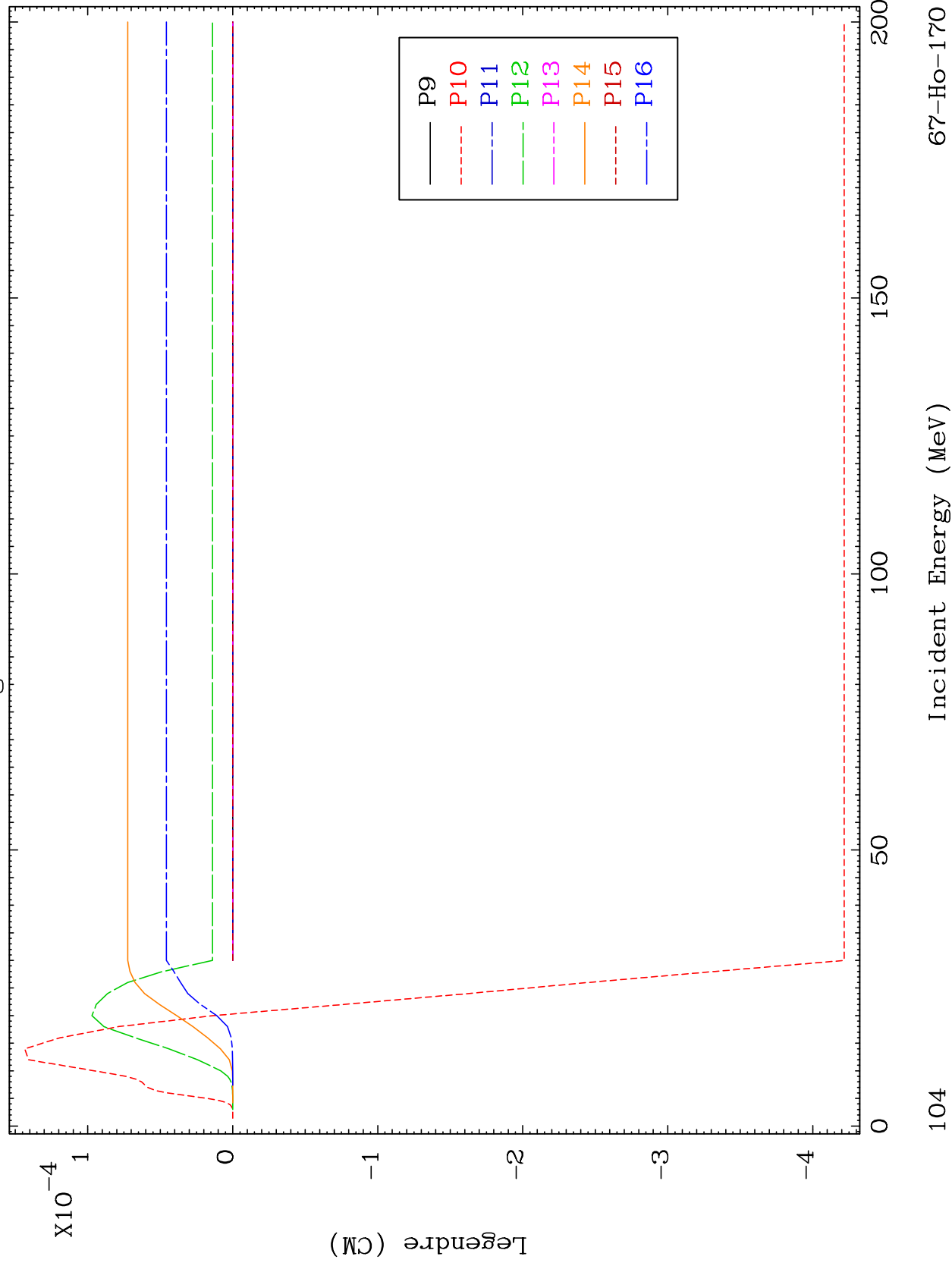




MAT 6740

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

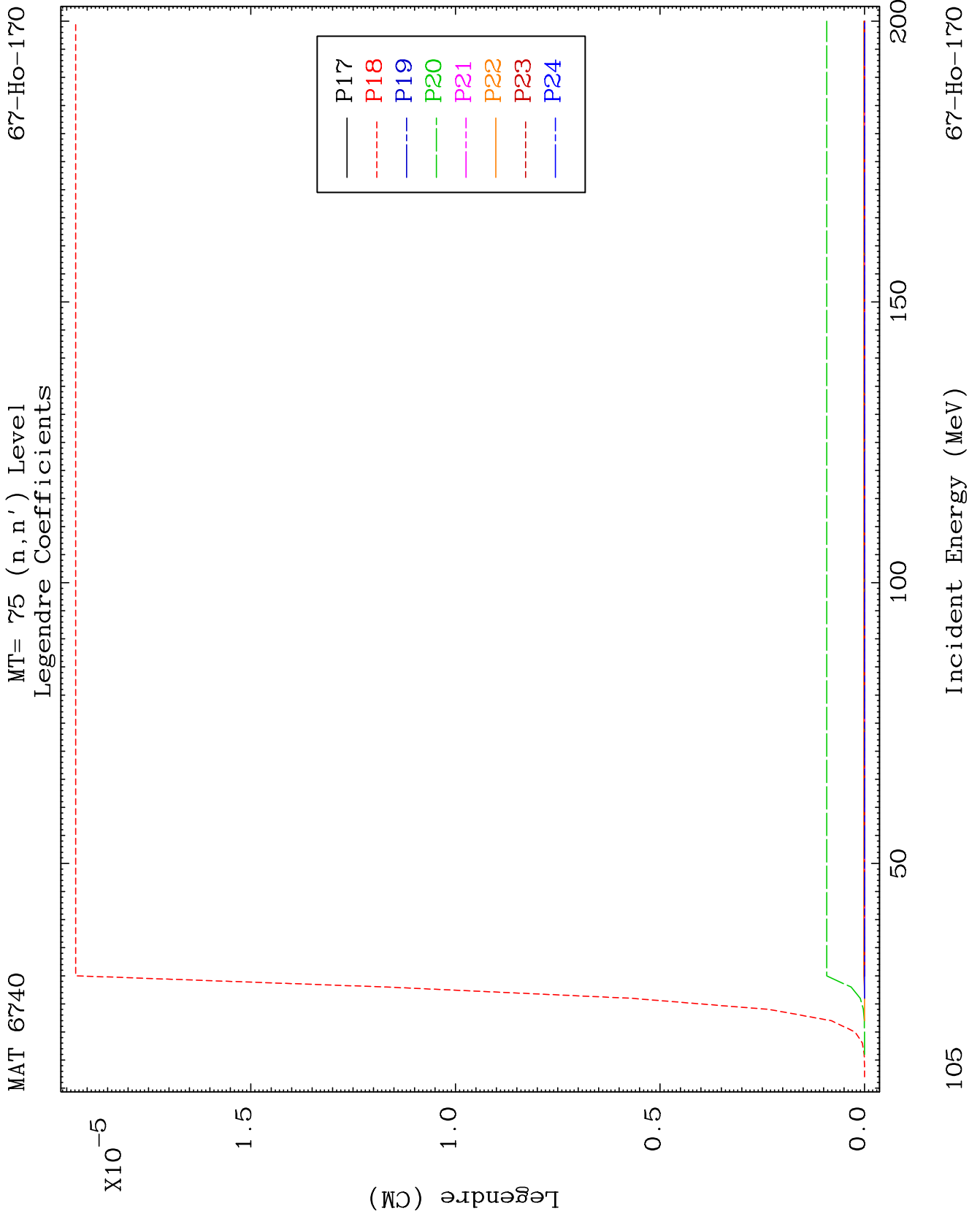
67-Ho-170

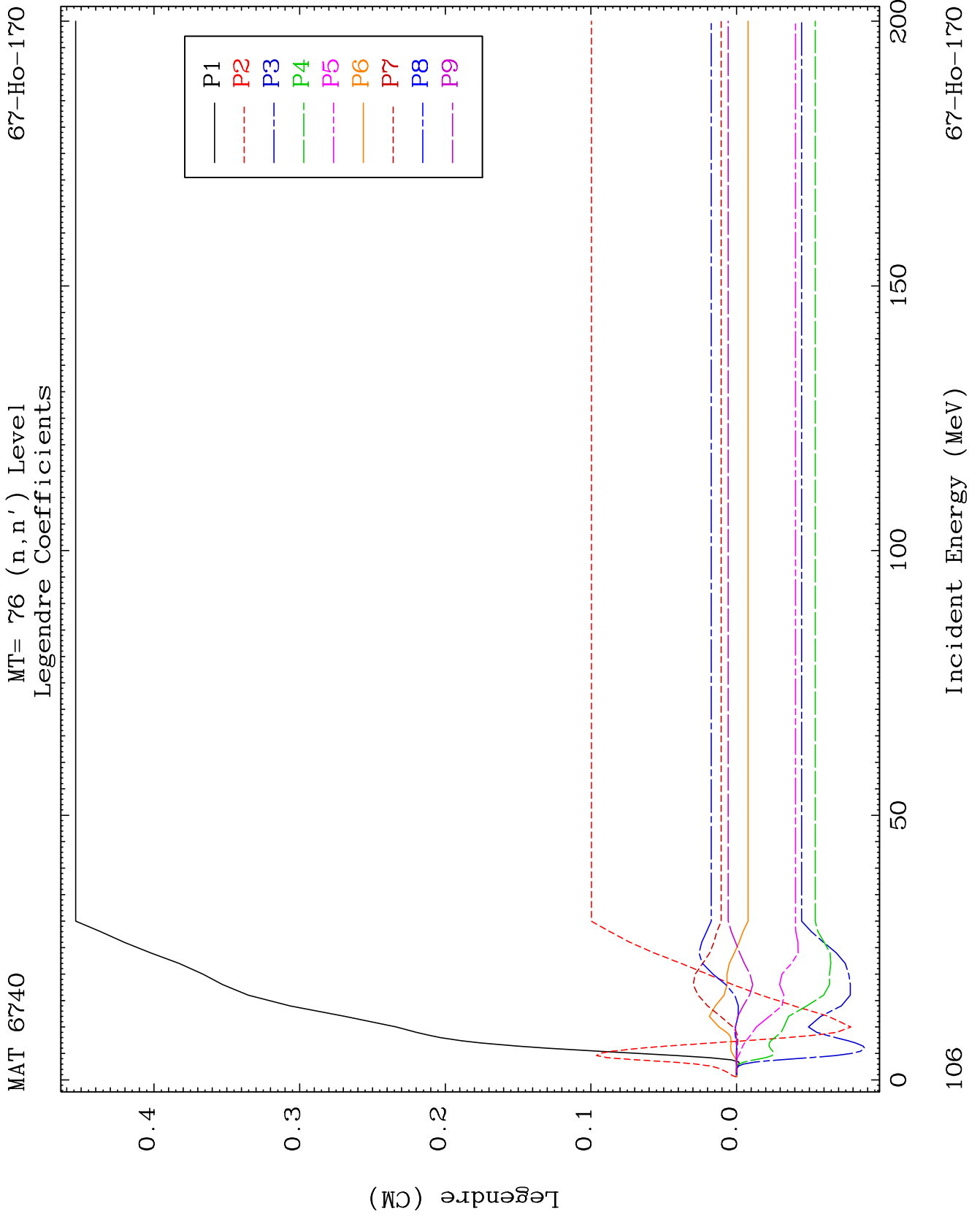


67-Ho-170

Incident Energy (MeV)

104

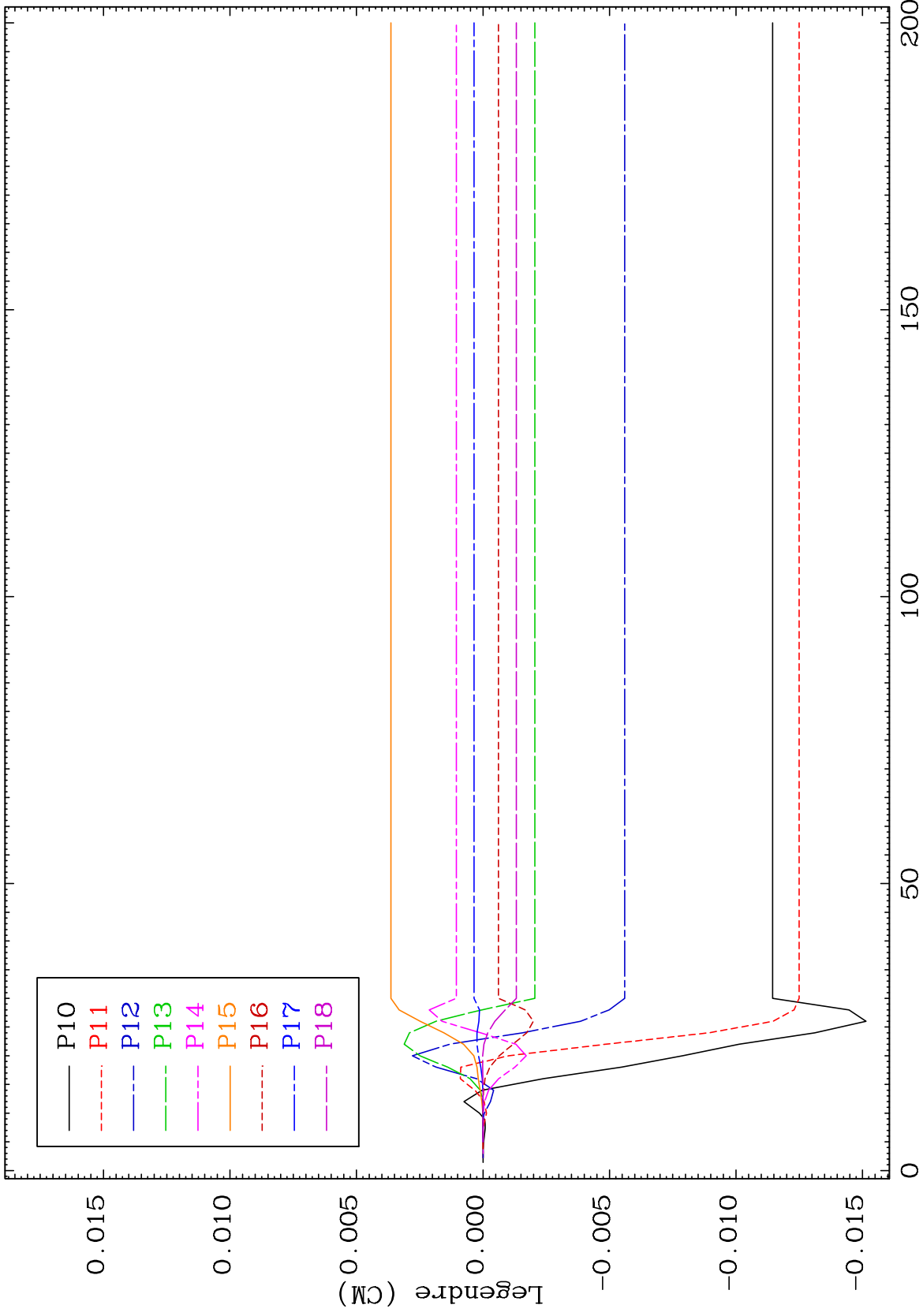




MAT 6740

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

67-Ho-170



107

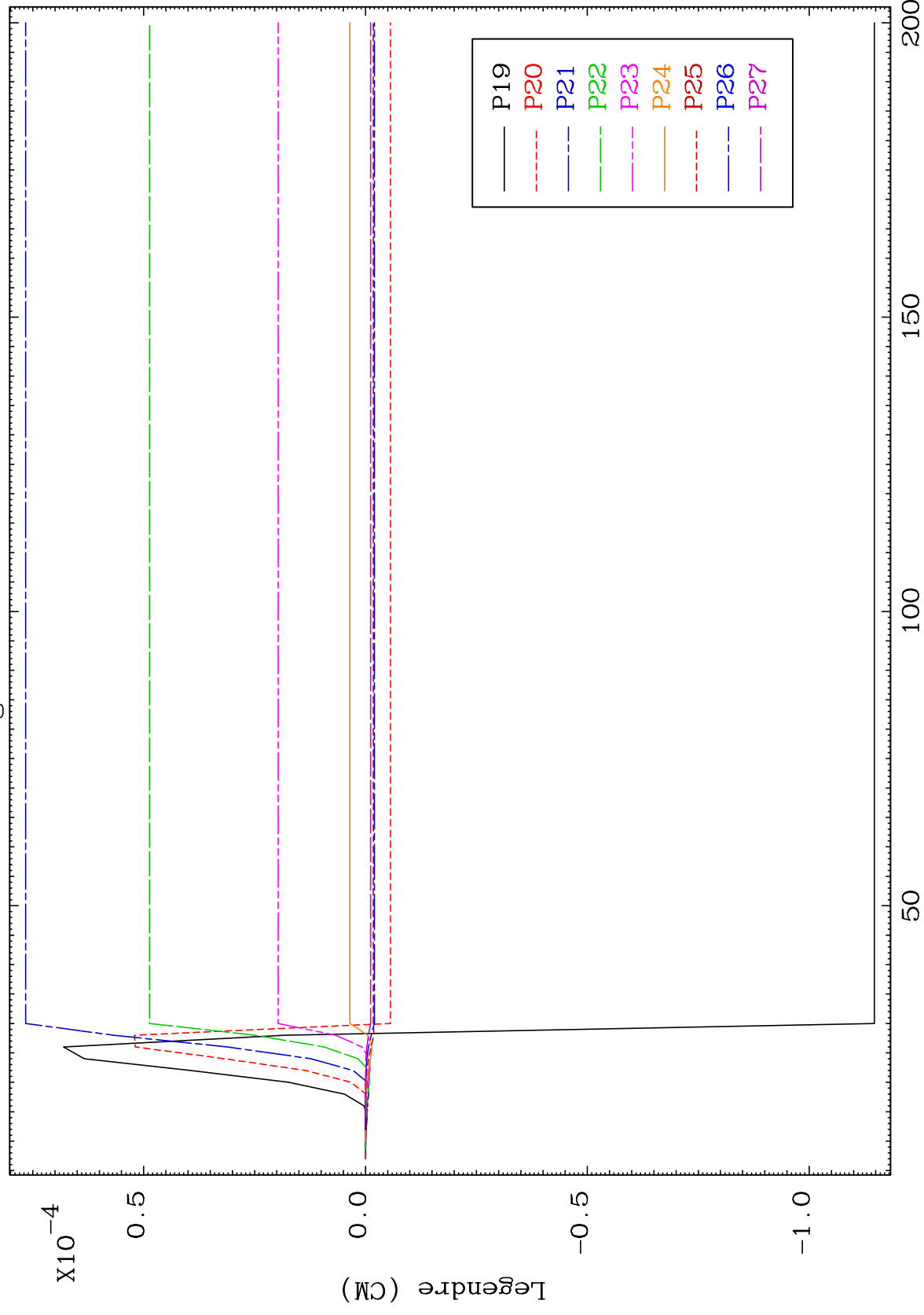
Incident Energy (MeV)

67-Ho-170

MAT 6740

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

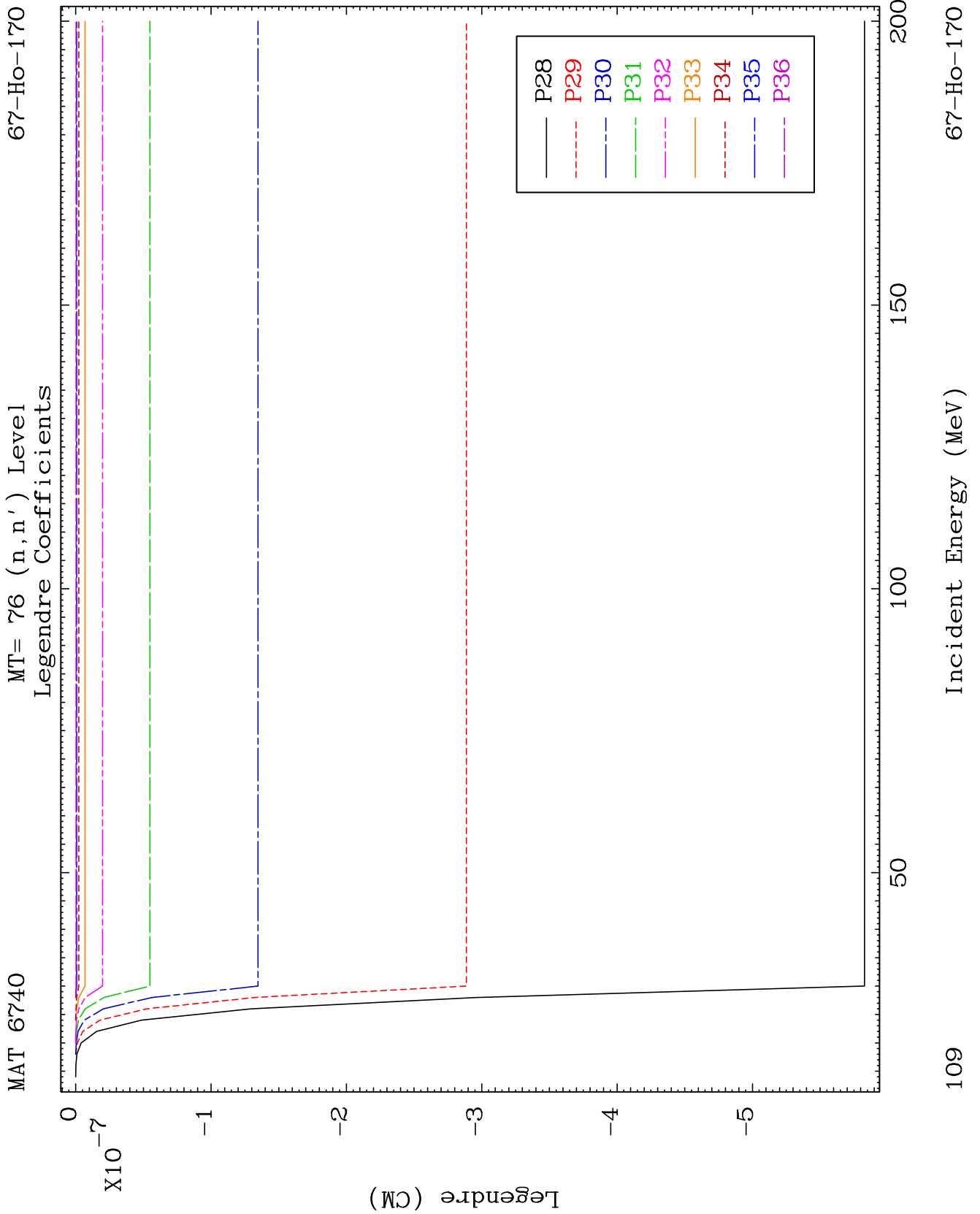
67-Ho-170

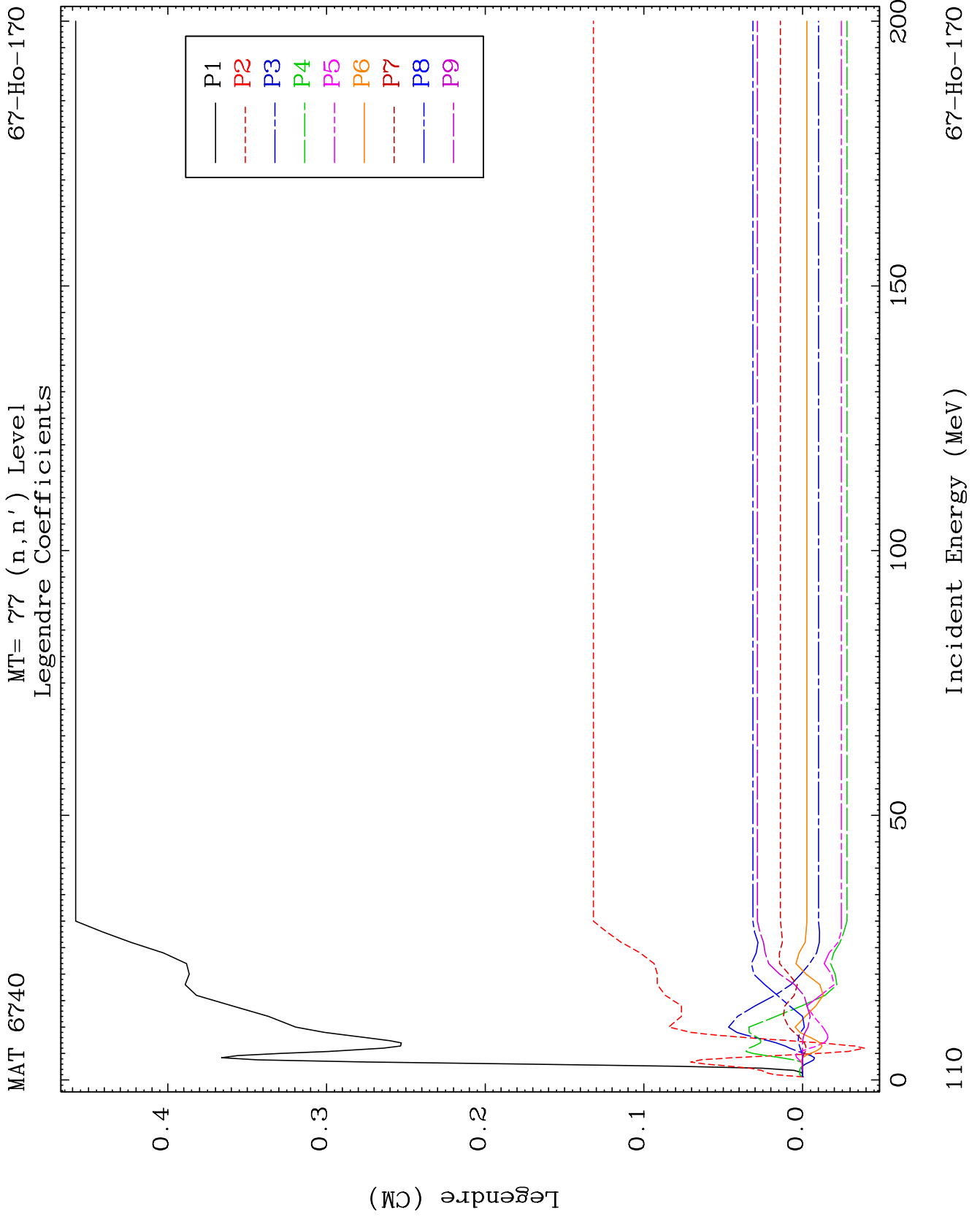


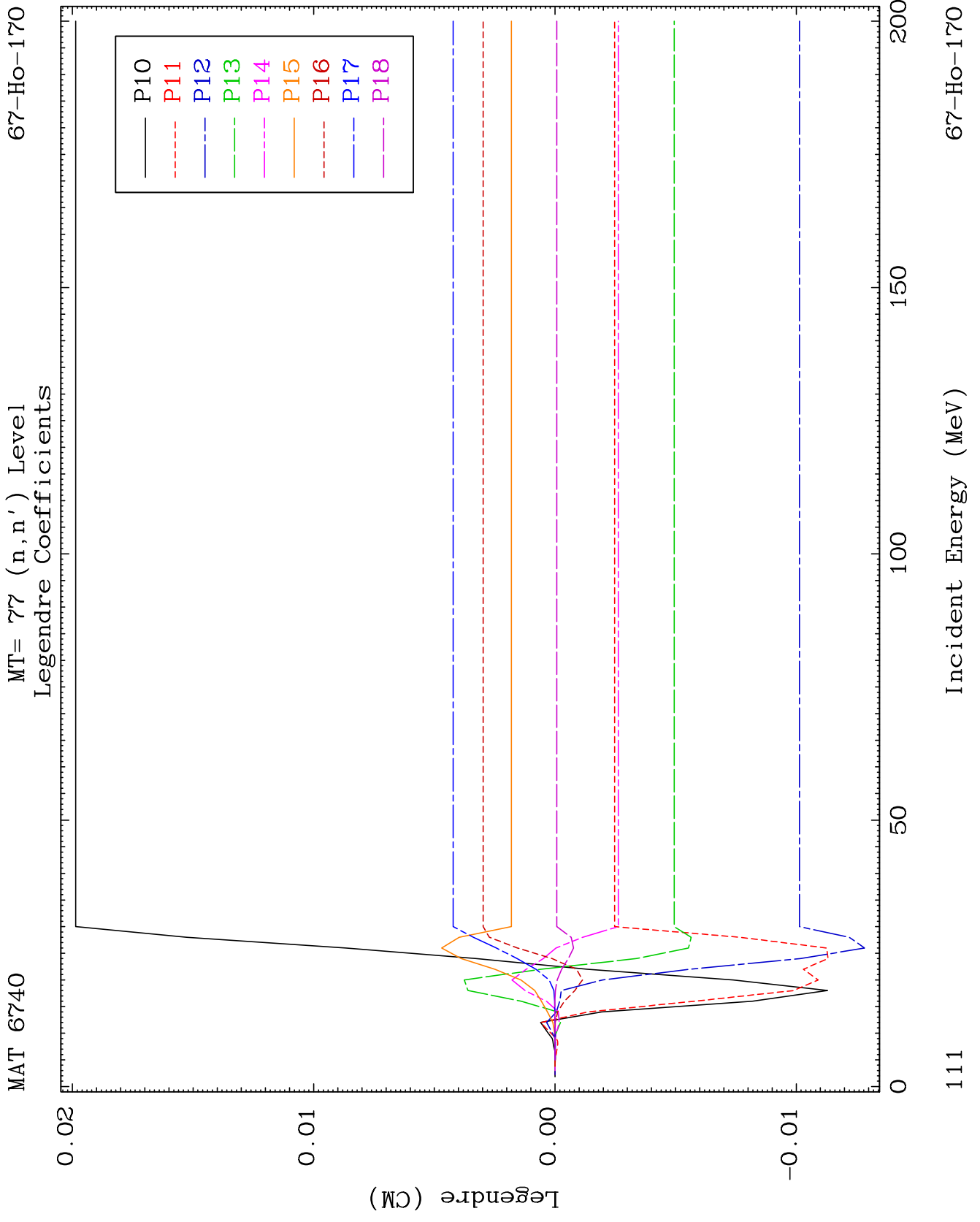
108

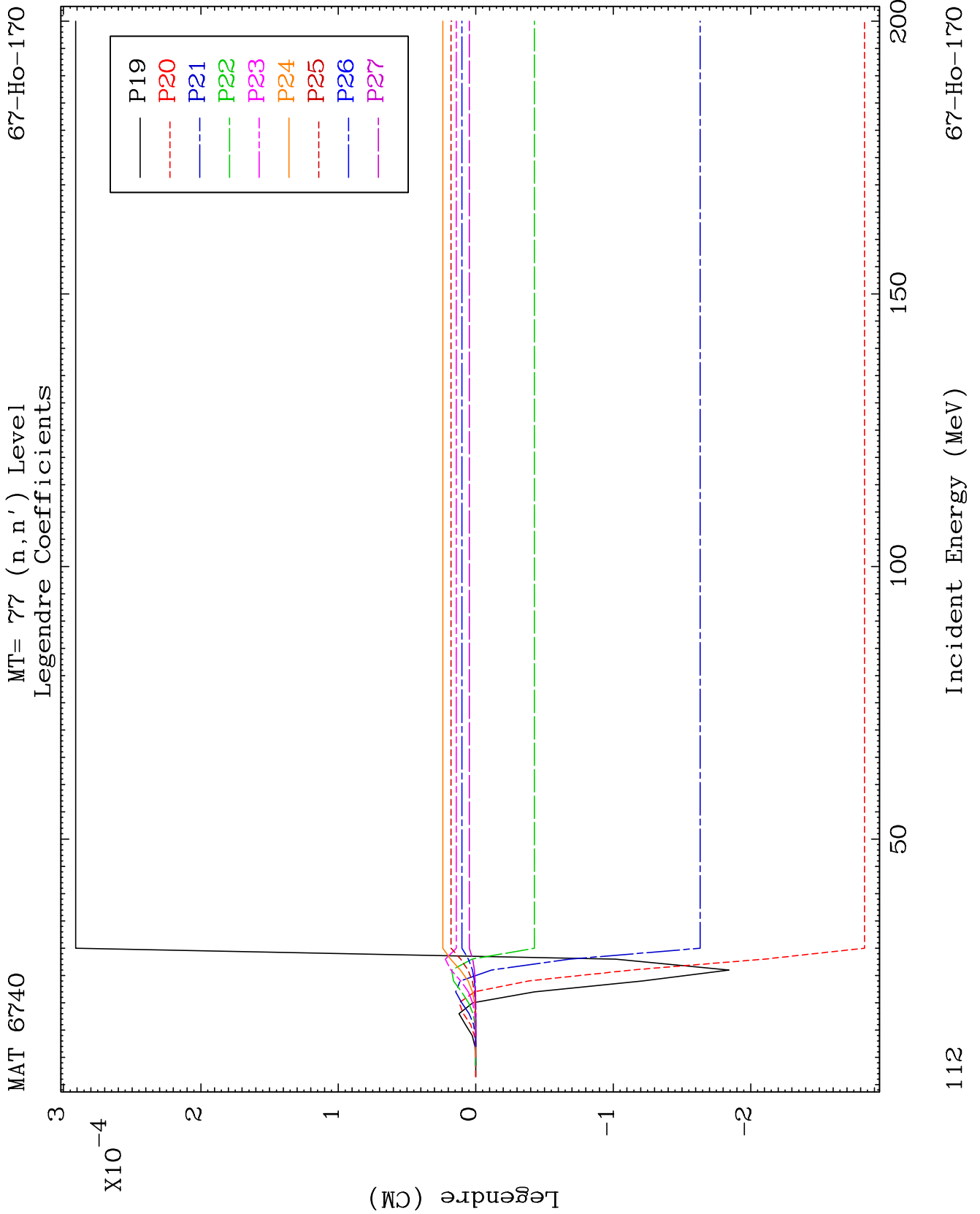
Incident Energy (MeV)

67-Ho-170





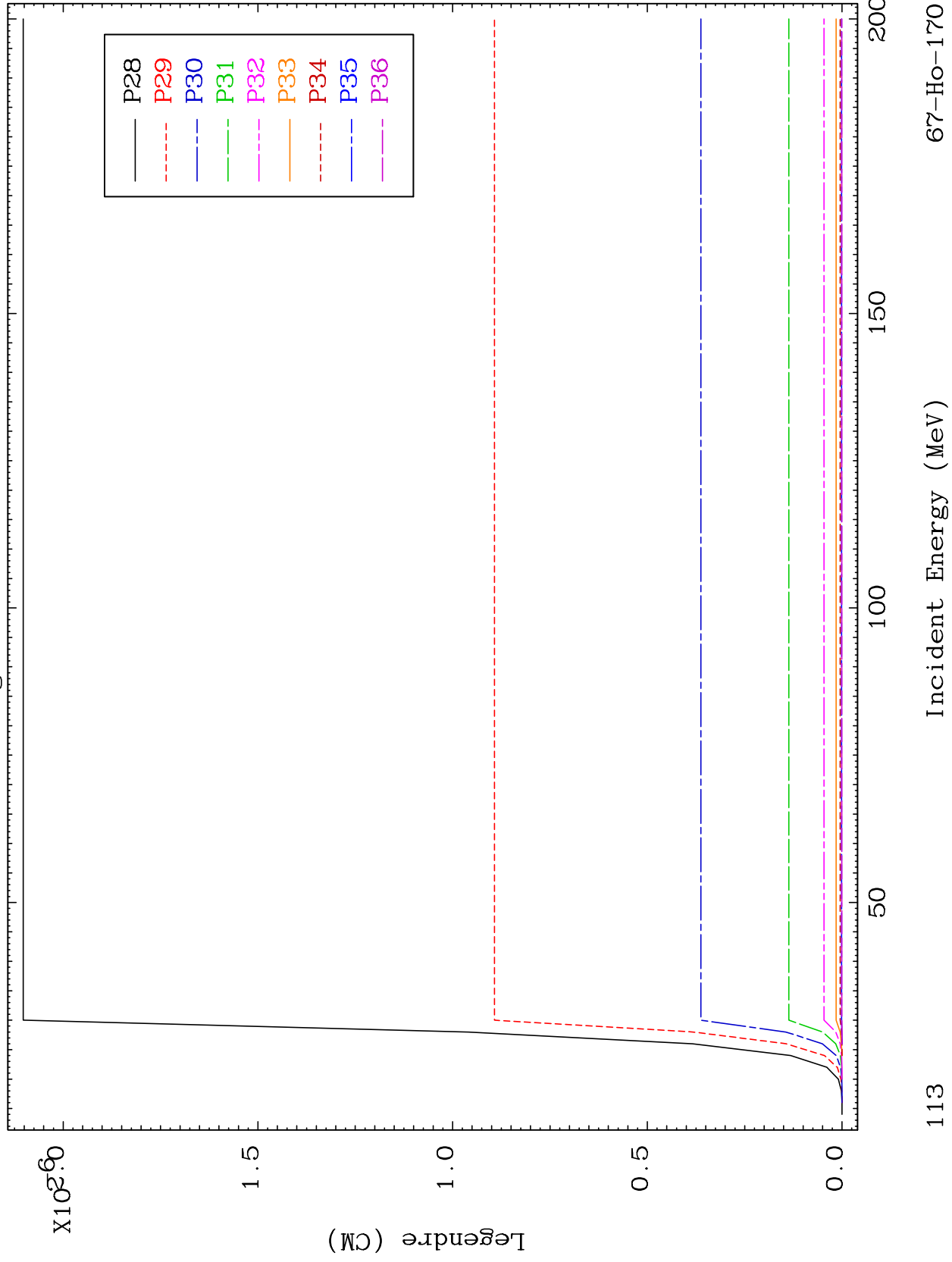




MAT 6740

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

67-Ho-170



113

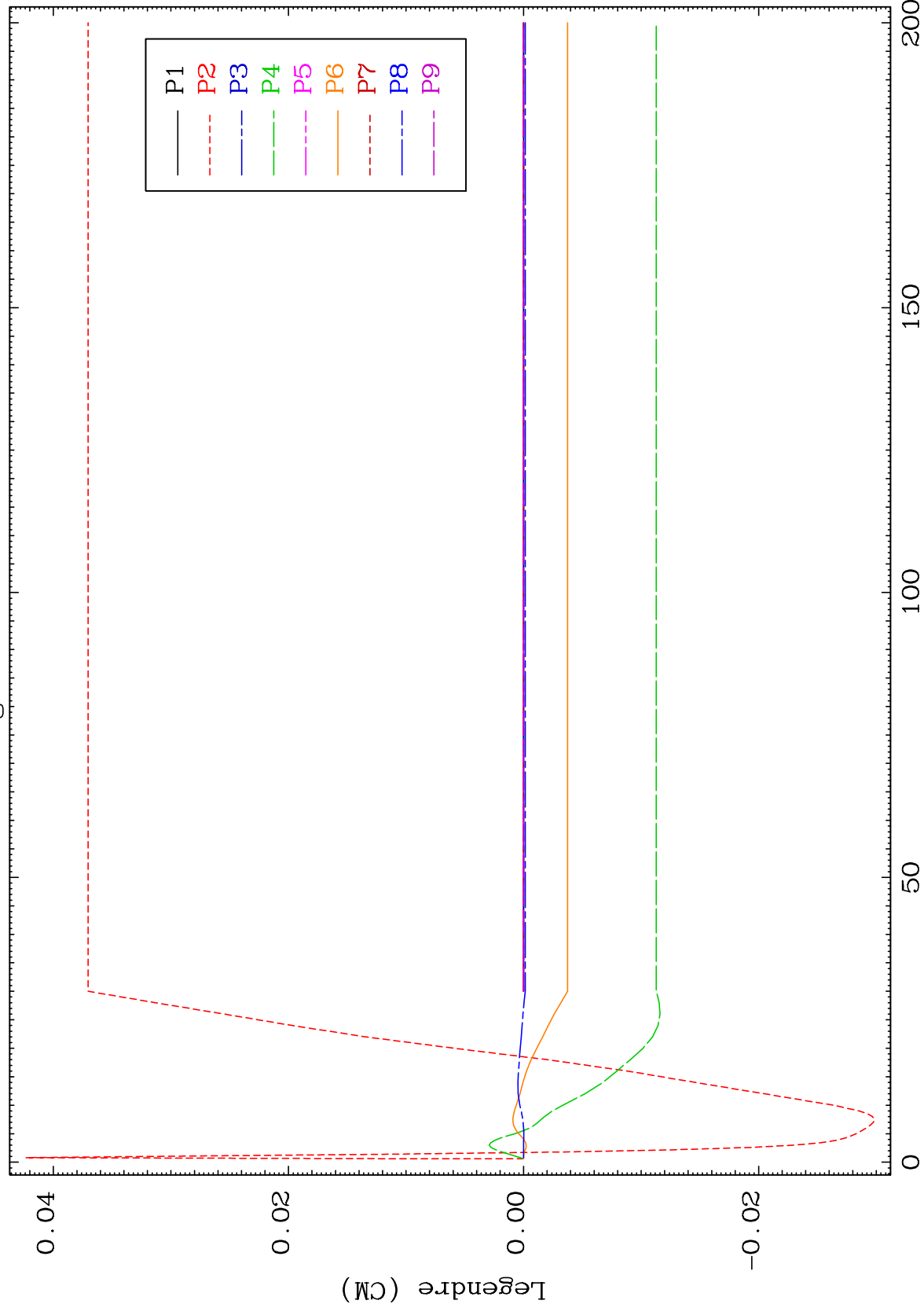
Incident Energy (MeV)

67-Ho-170

MAT 6740

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

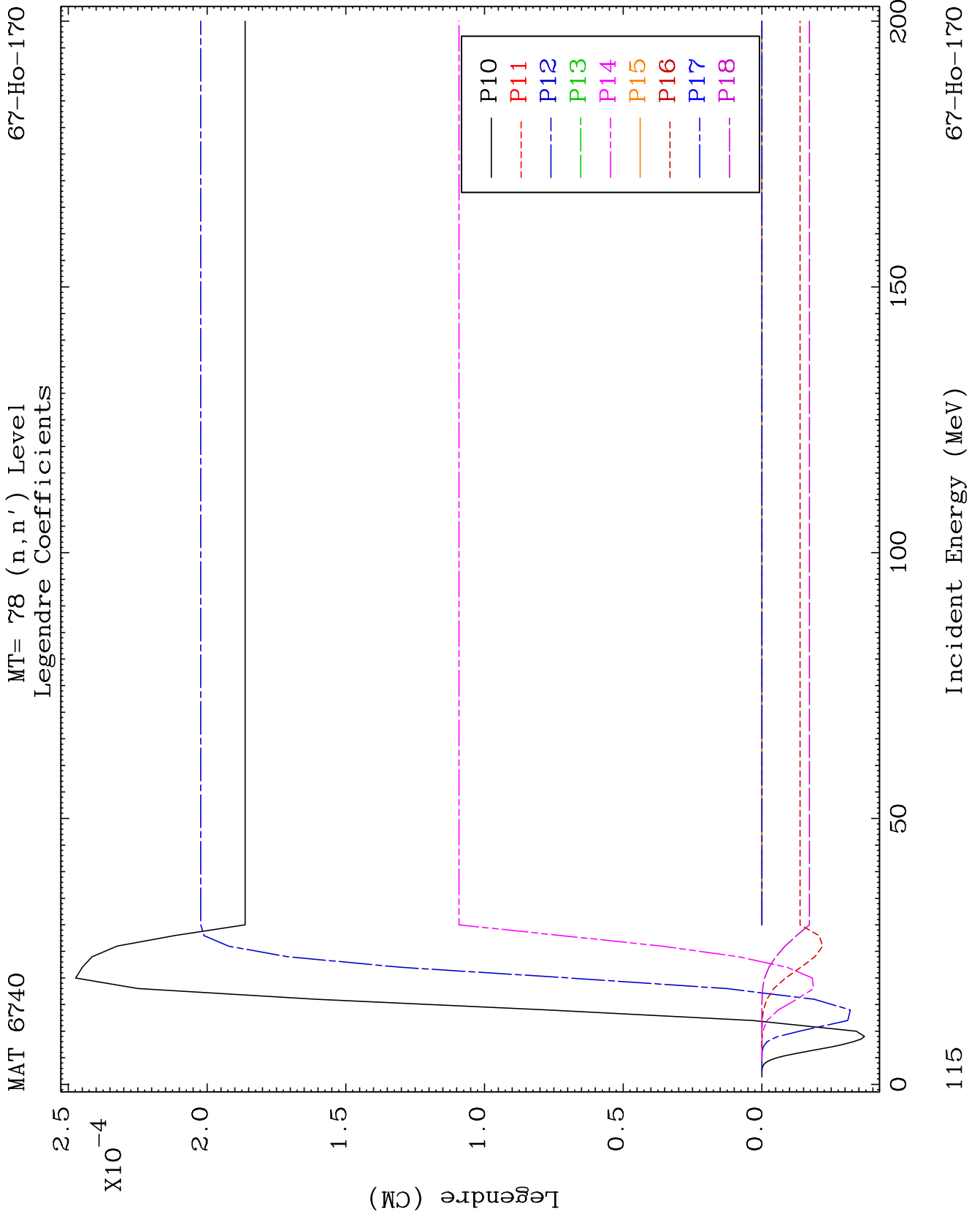
67-Ho-170

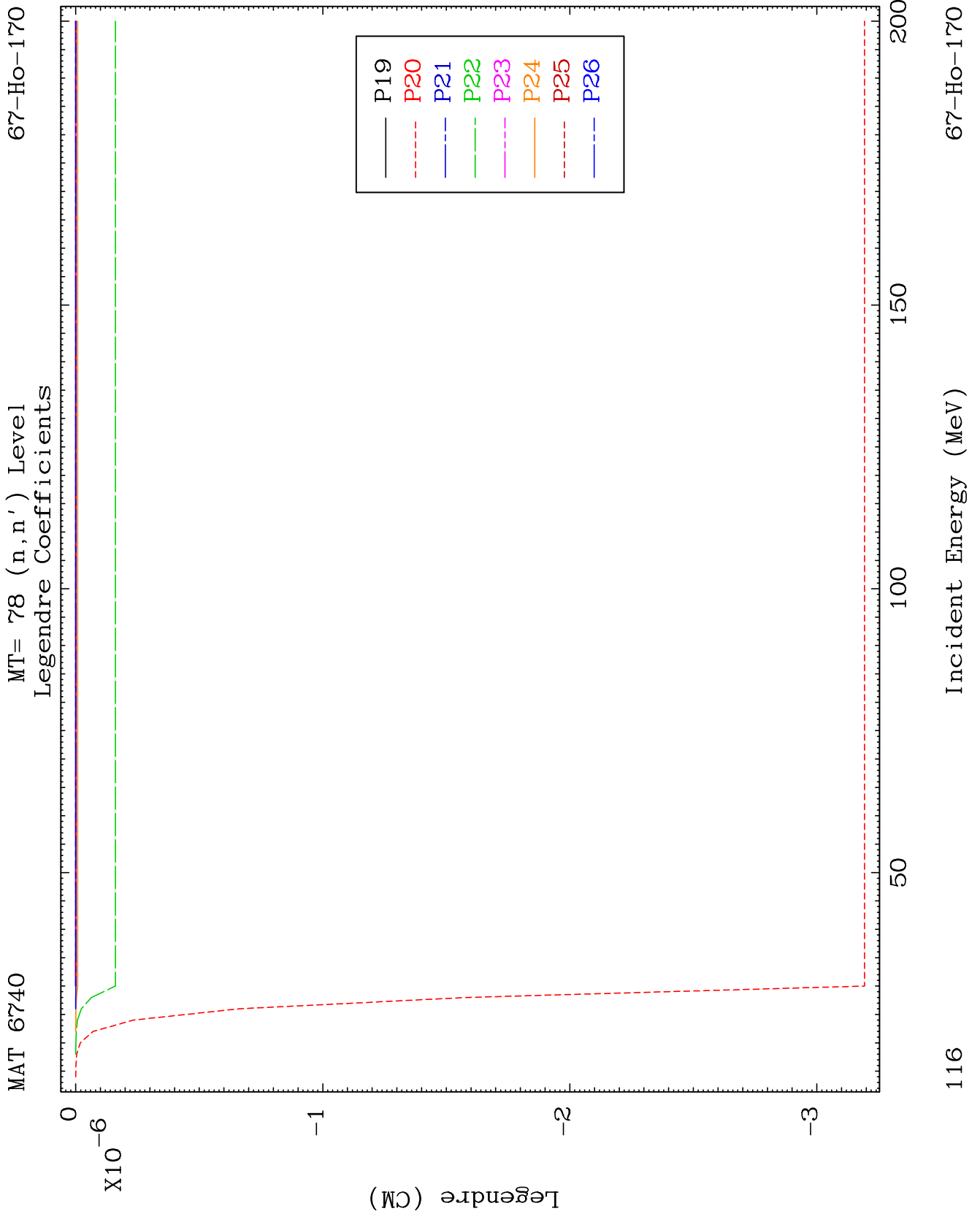


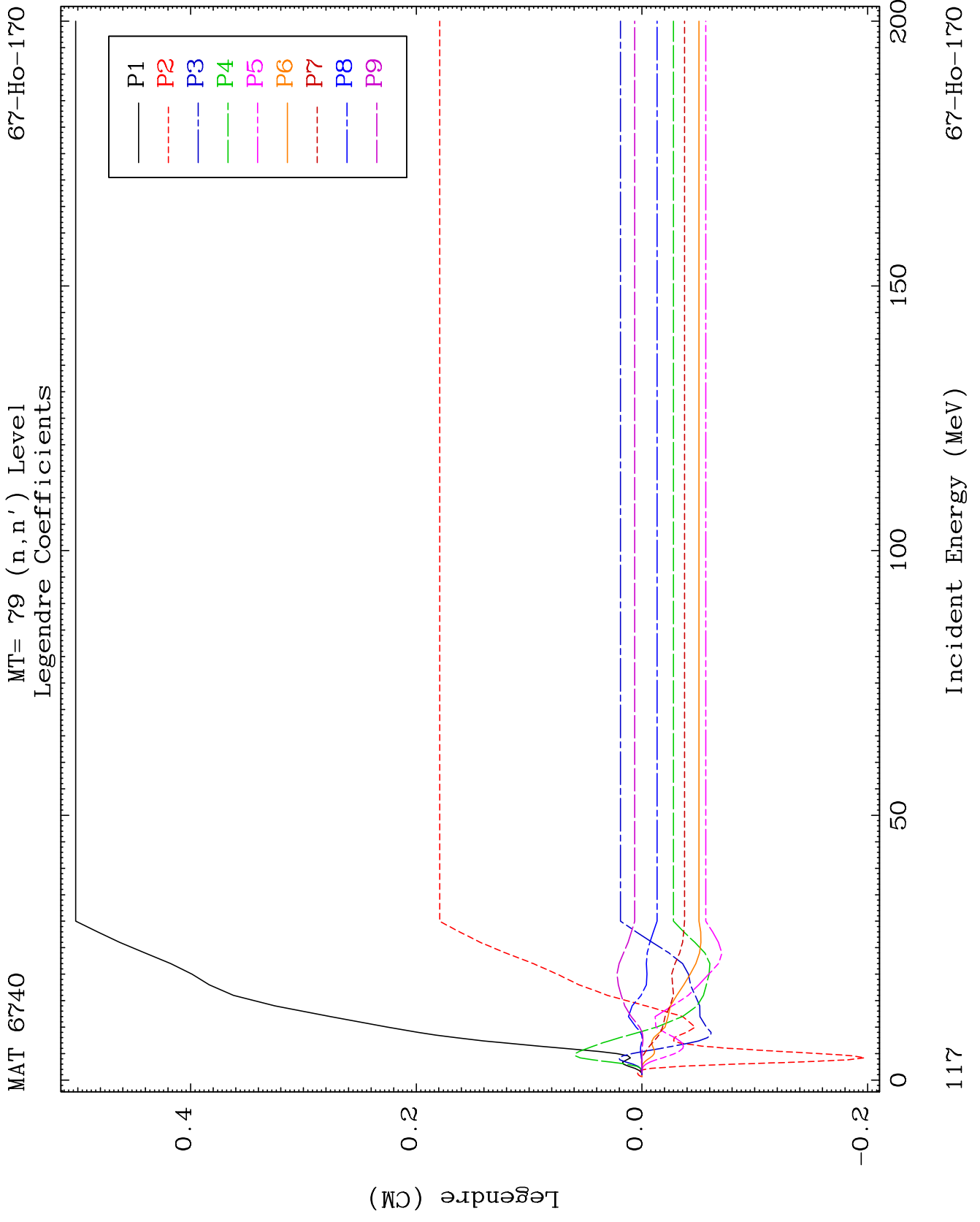
114

Incident Energy (MeV)

67-Ho-170



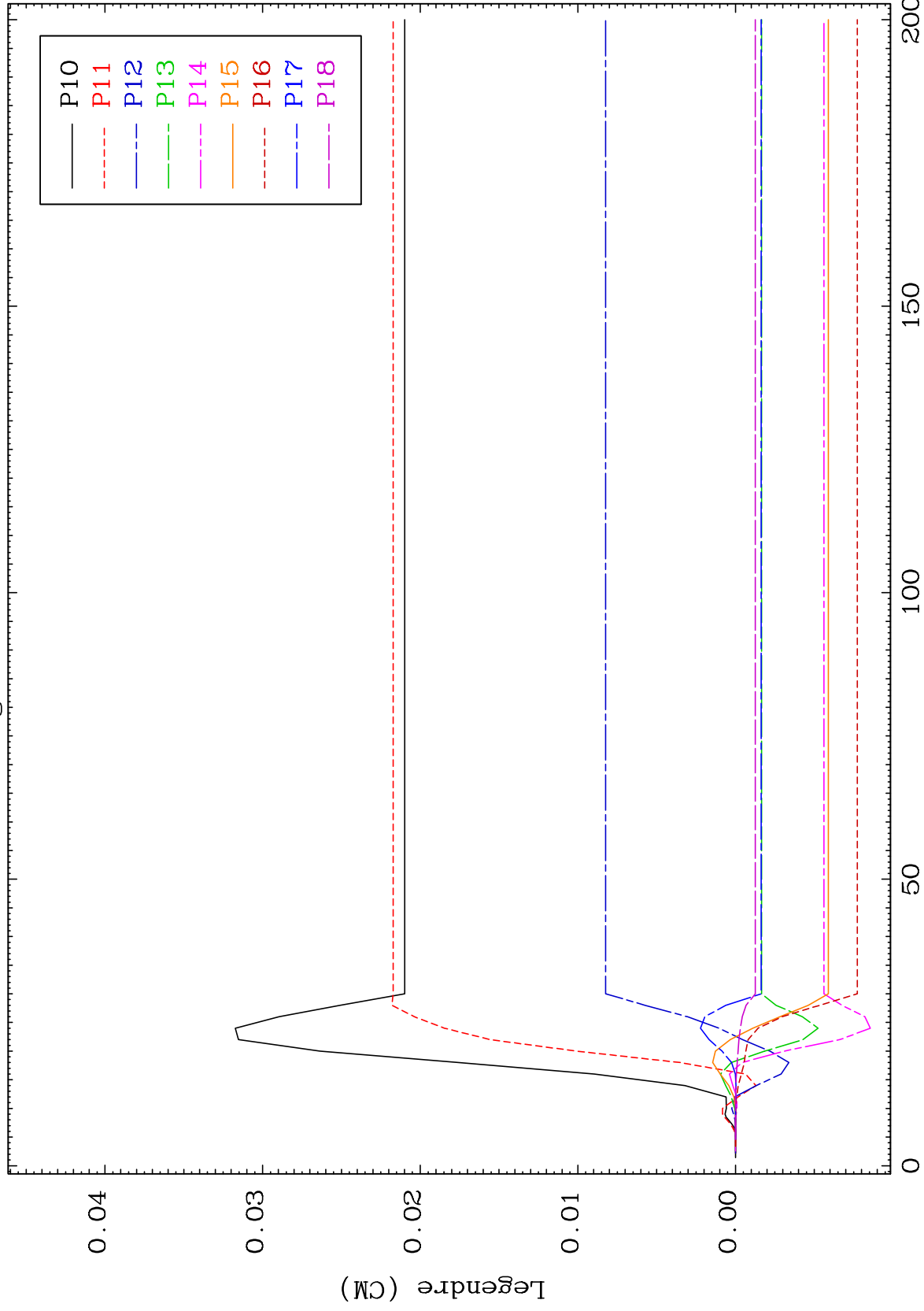




MAT 6740

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

67-Ho-170



118

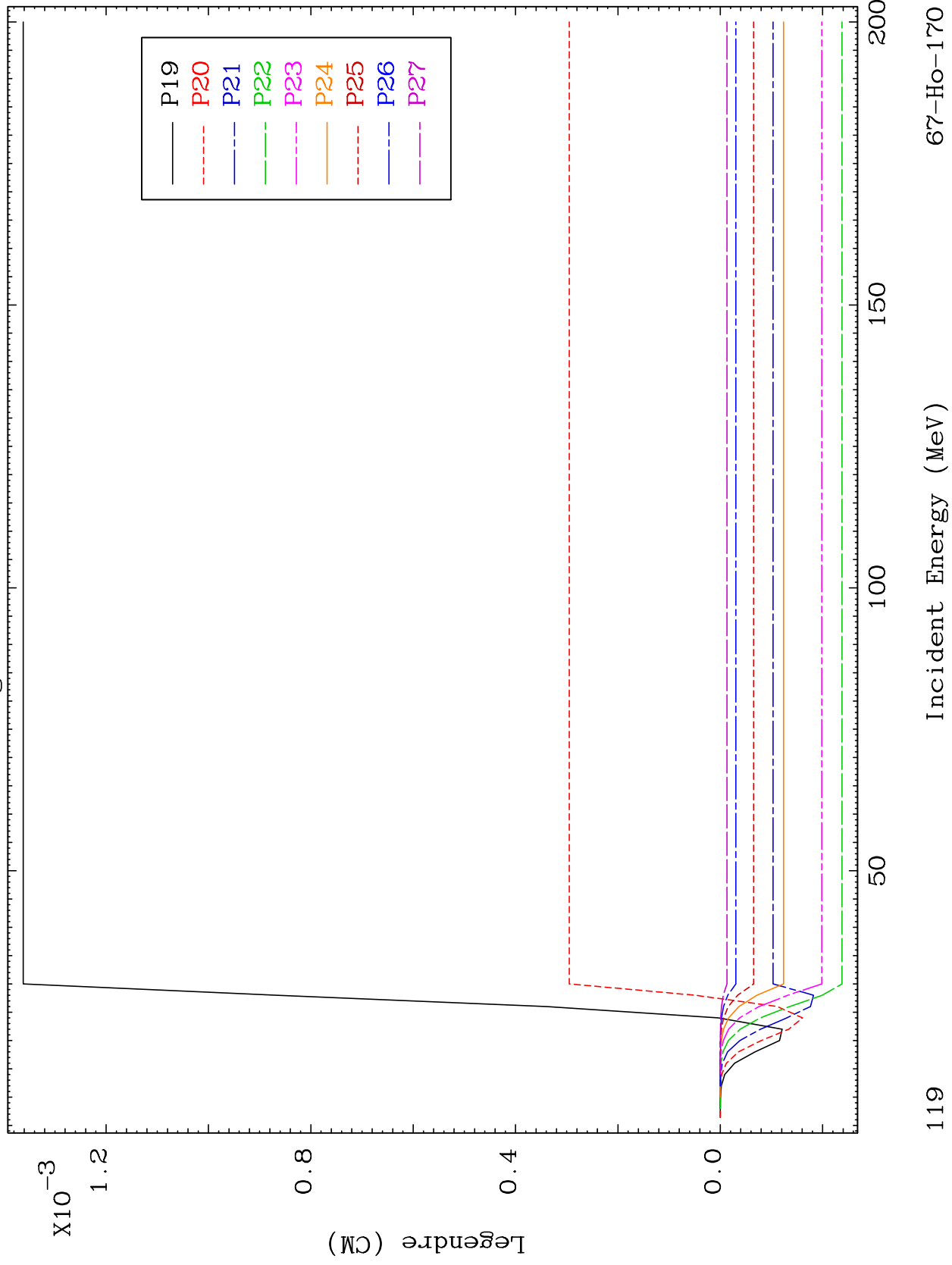
Incident Energy (MeV)

67-Ho-170

MAT 6740

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

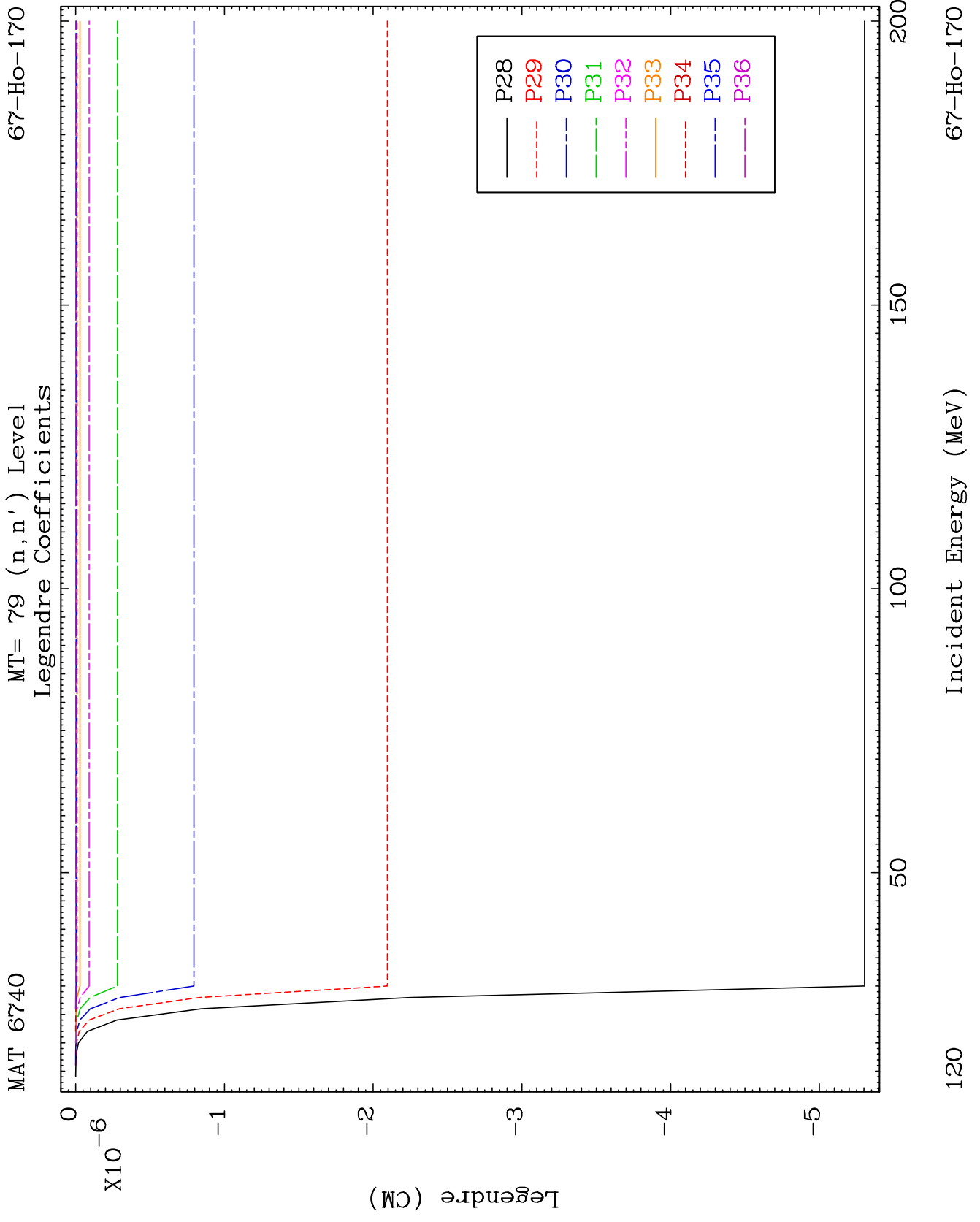
67-Ho-170



119

Incident Energy (MeV)

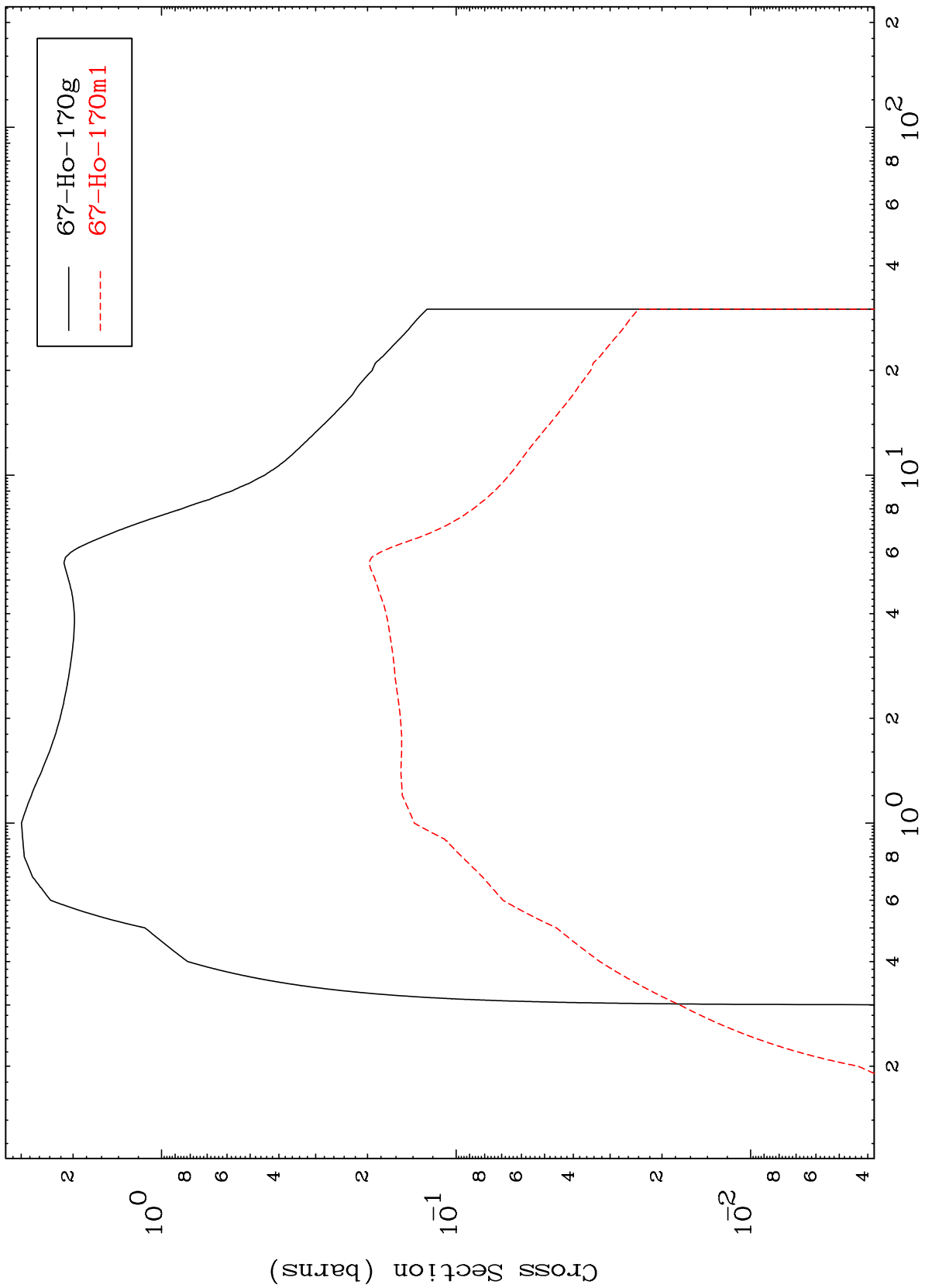
67-Ho-170



MAT 6740

67-Ho-170

Inelastic
Radionuclide Production Cross Section



67-Ho-170g
67-Ho-170m1

121

67-Ho-170

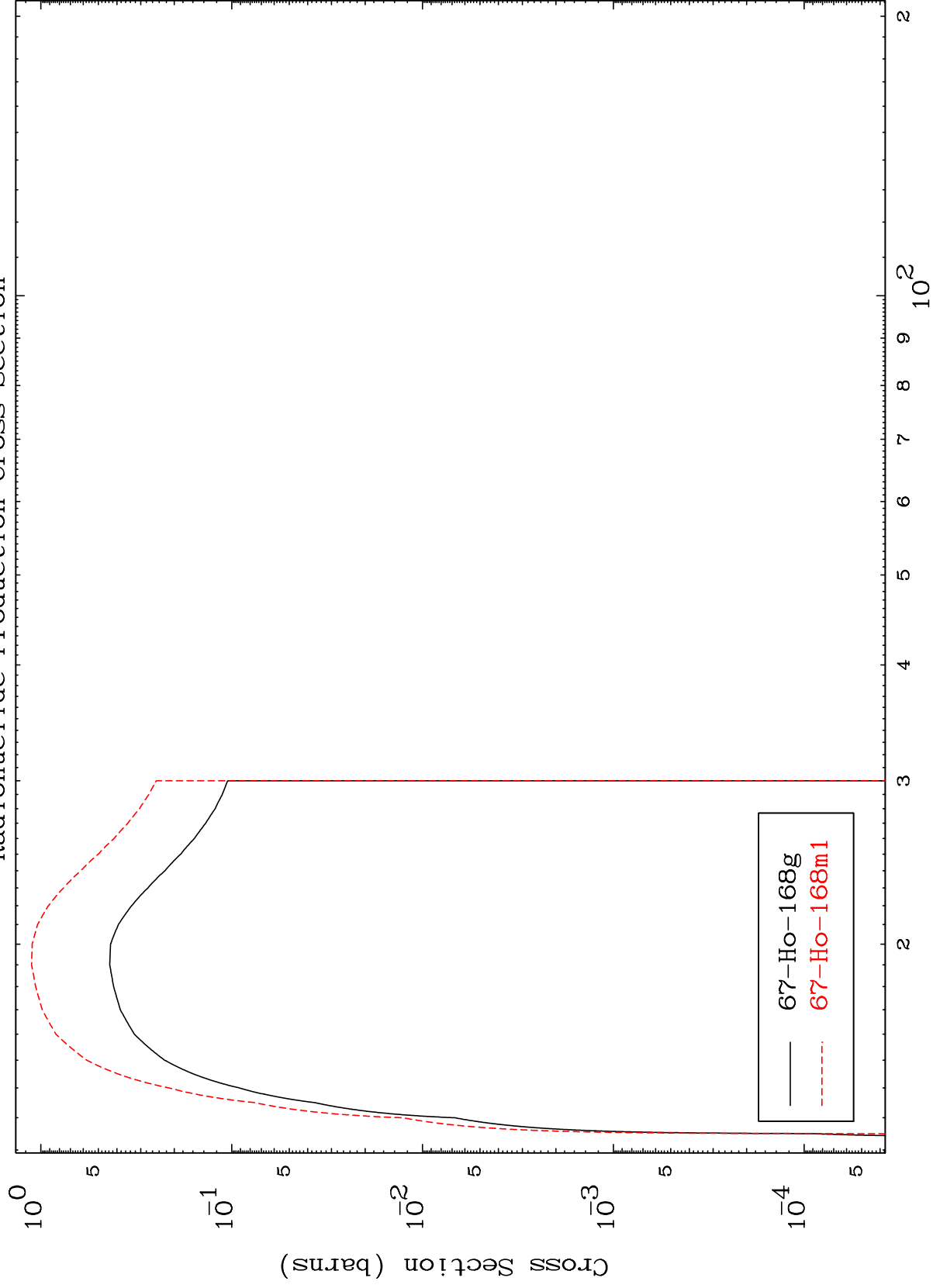
Incident Energy (MeV)

MAT 6740

(n,3n)

⁶⁷Ho-170

Radionuclide Production Cross Section



122

Incident Energy (MeV)

⁶⁷Ho-170