

Program EVALPLOT
(Version 2021-1)

by

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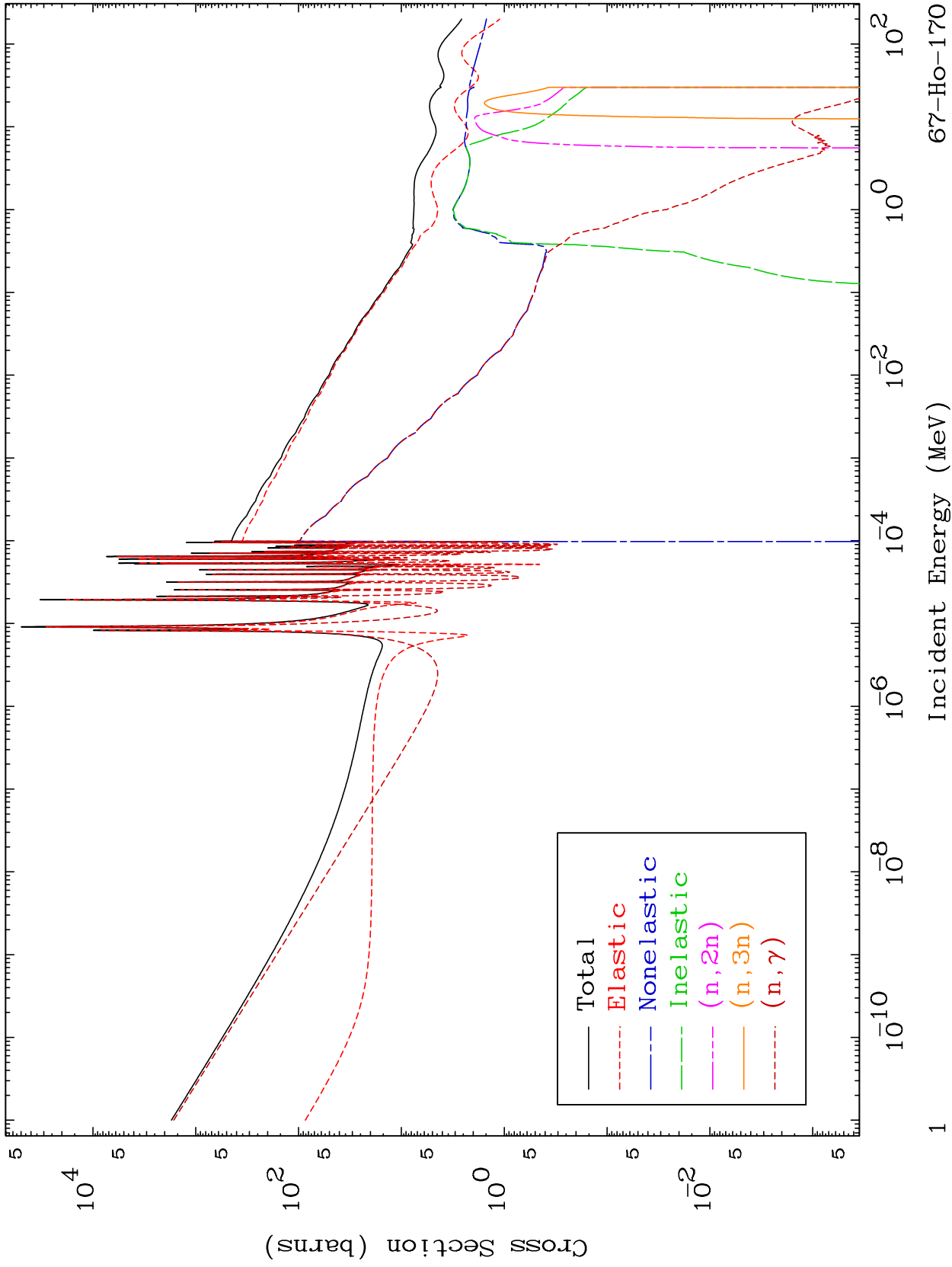
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6740

Neutron Major
293 Kelvin Cross Sections

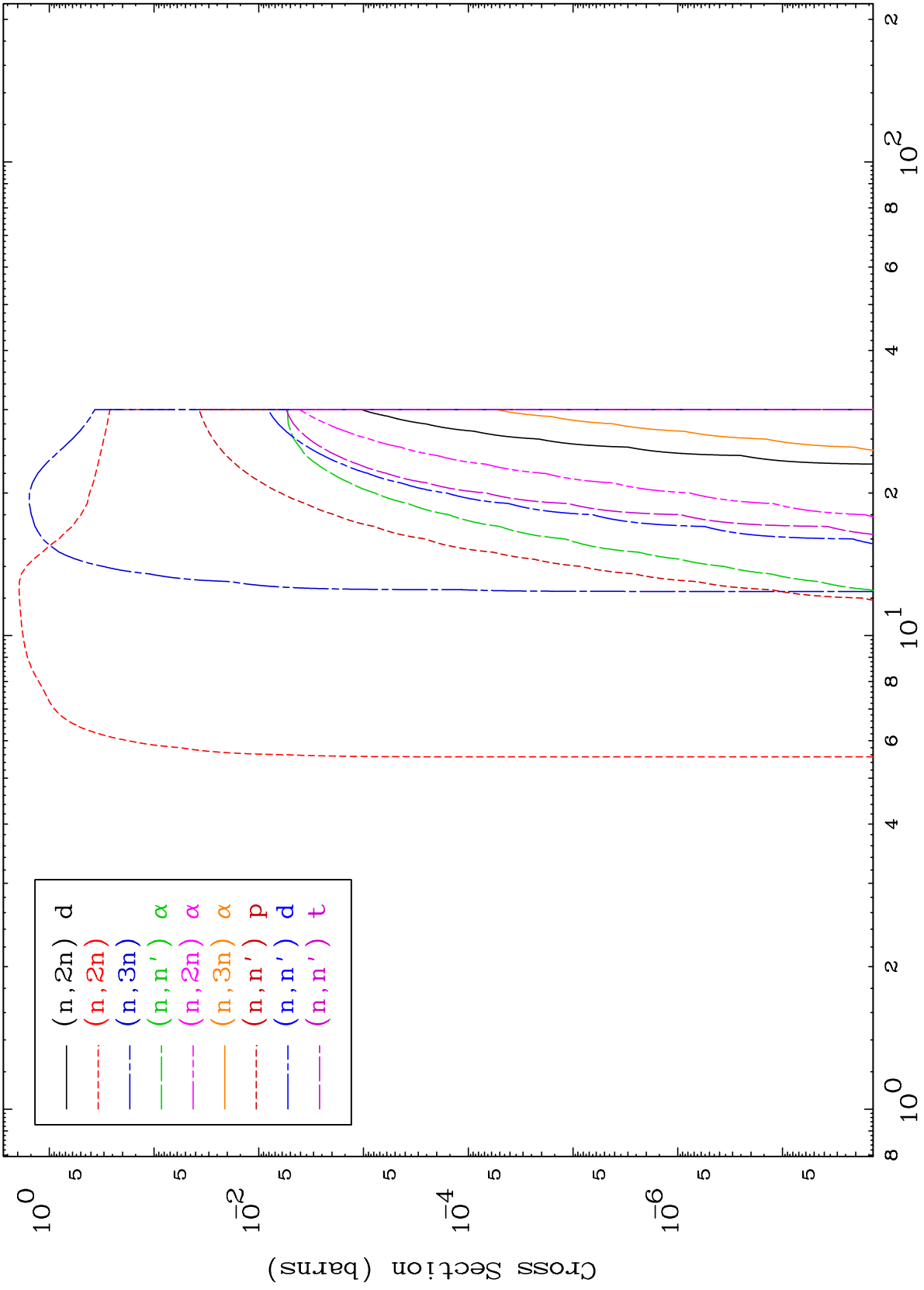
67-Ho-170



MAT 6740

Neutron Absorption
293 Kelvin Cross Sections

67-Ho-170



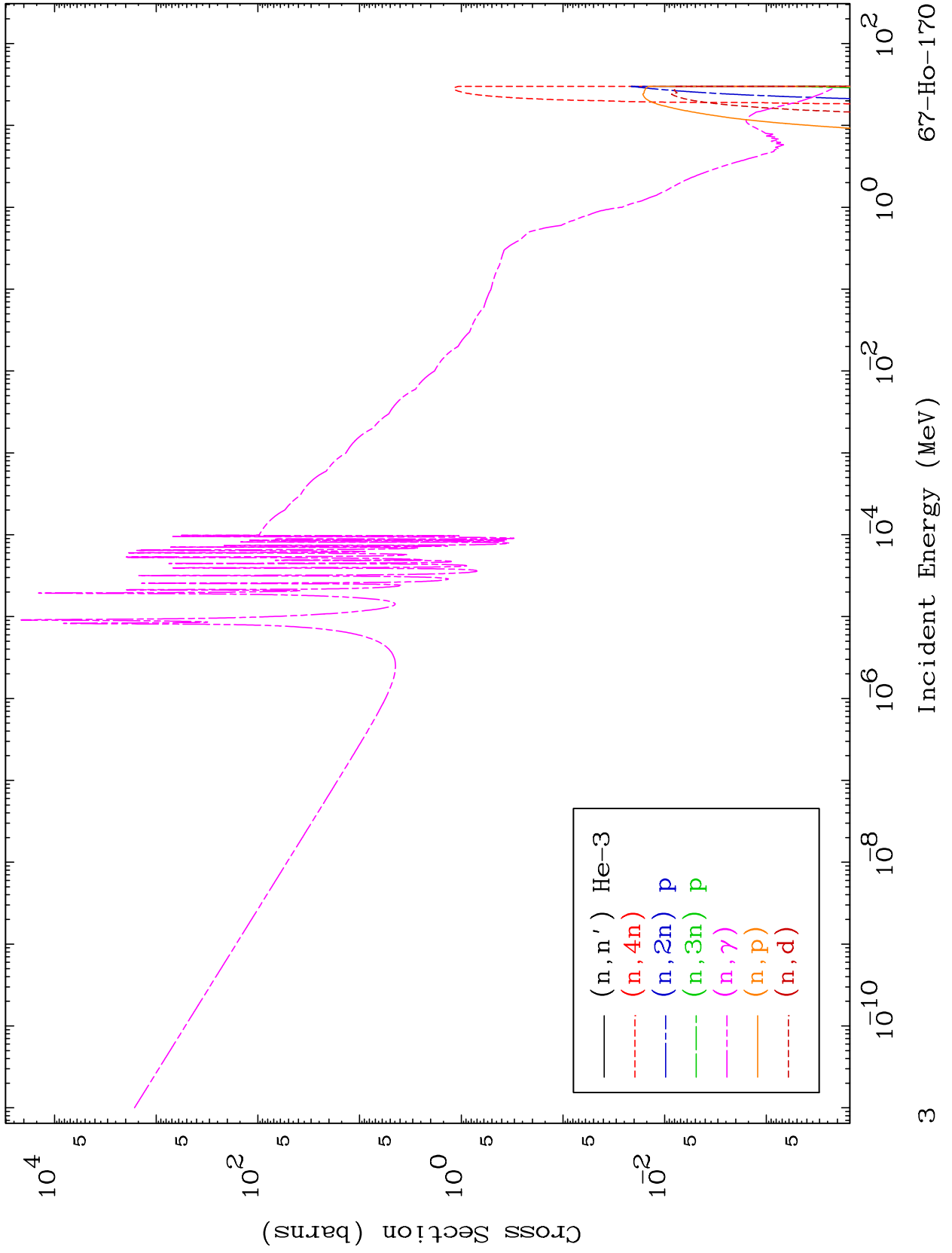
Incident Energy (MeV)

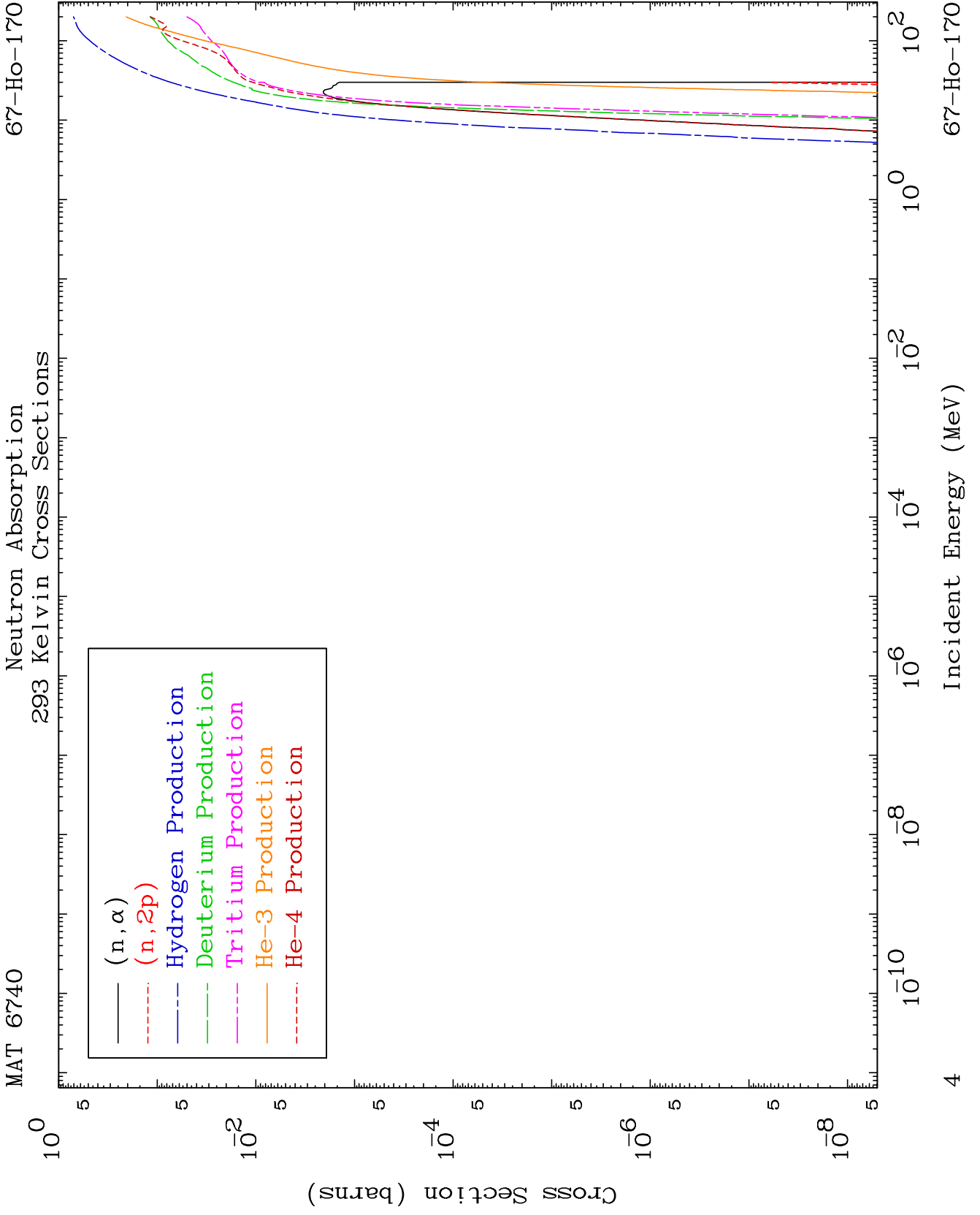
67-Ho-170

MAT 6740

Neutron Absorption
293 Kelvin Cross Sections

67-Ho-170

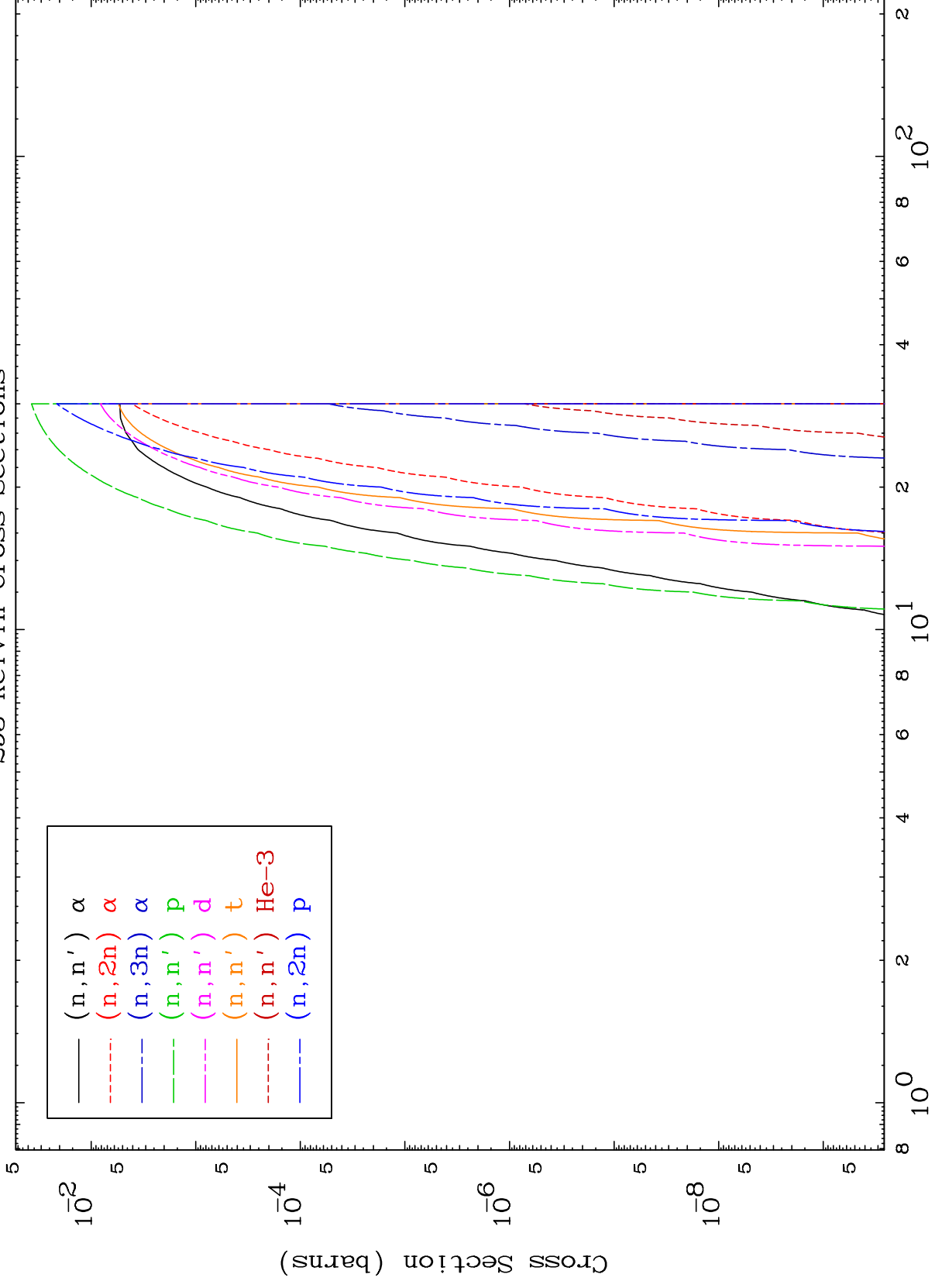




MAT 6740

Charged Particle
293 Kelvin Cross Sections

67-Ho-170



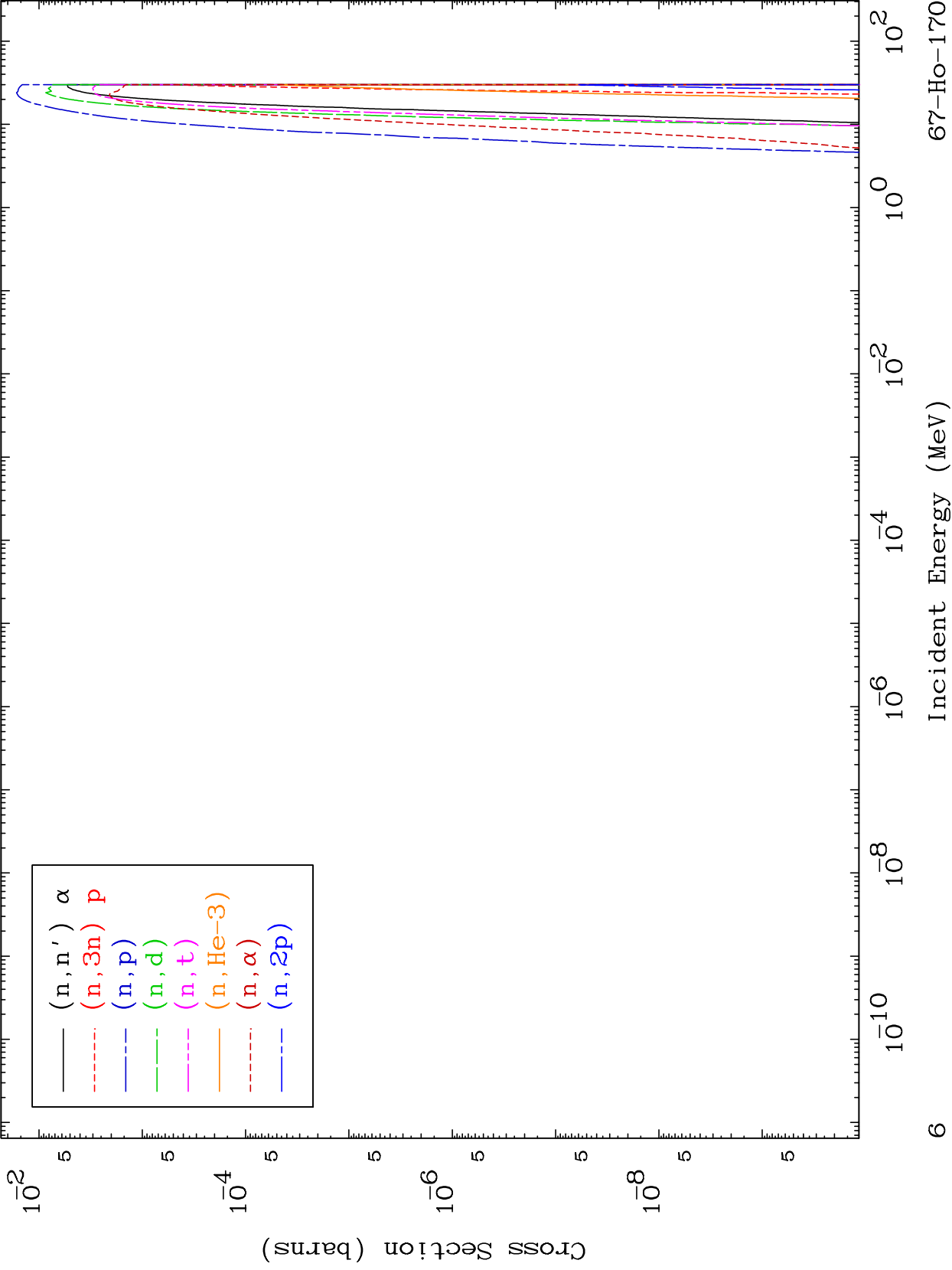
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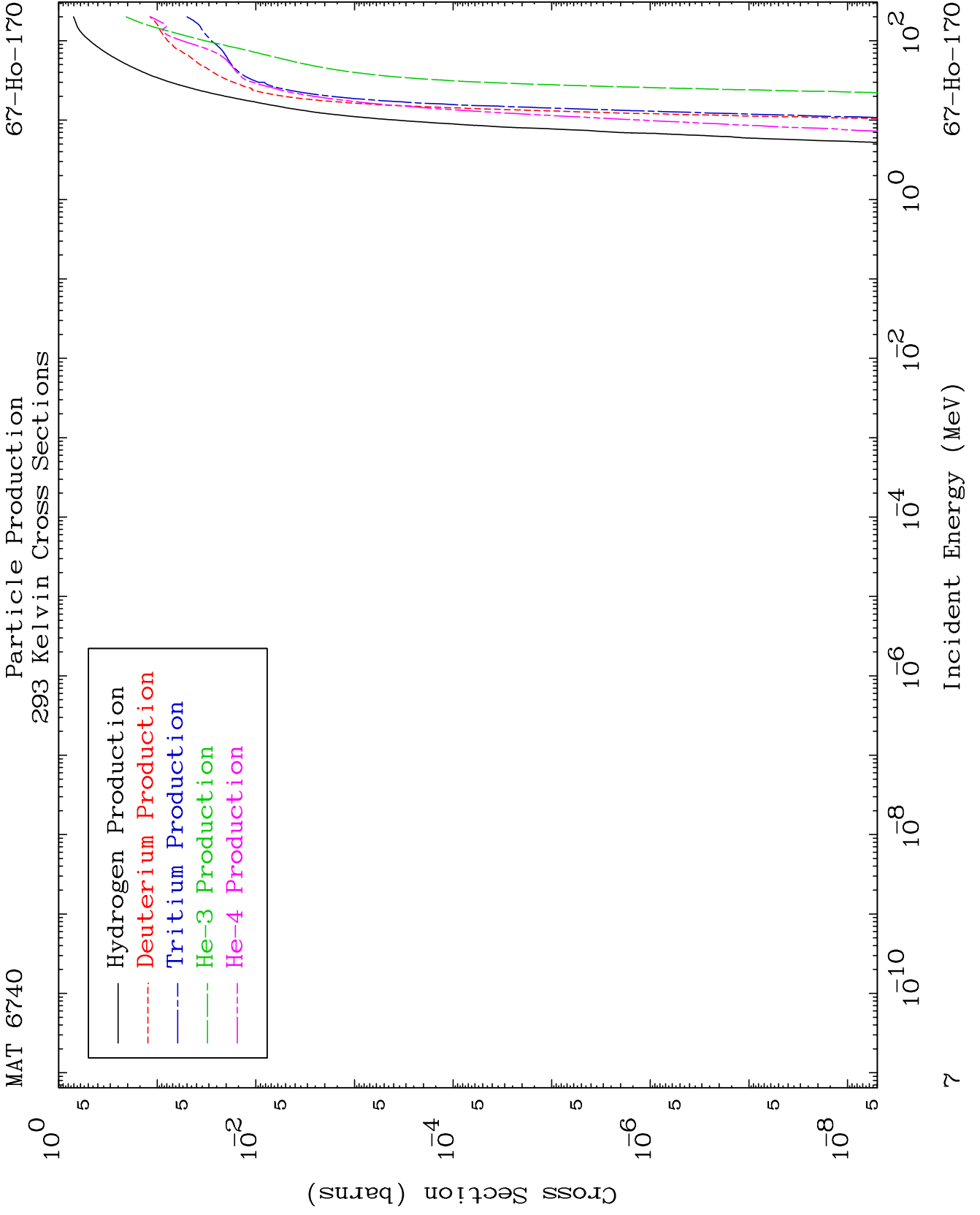
67-Ho-170

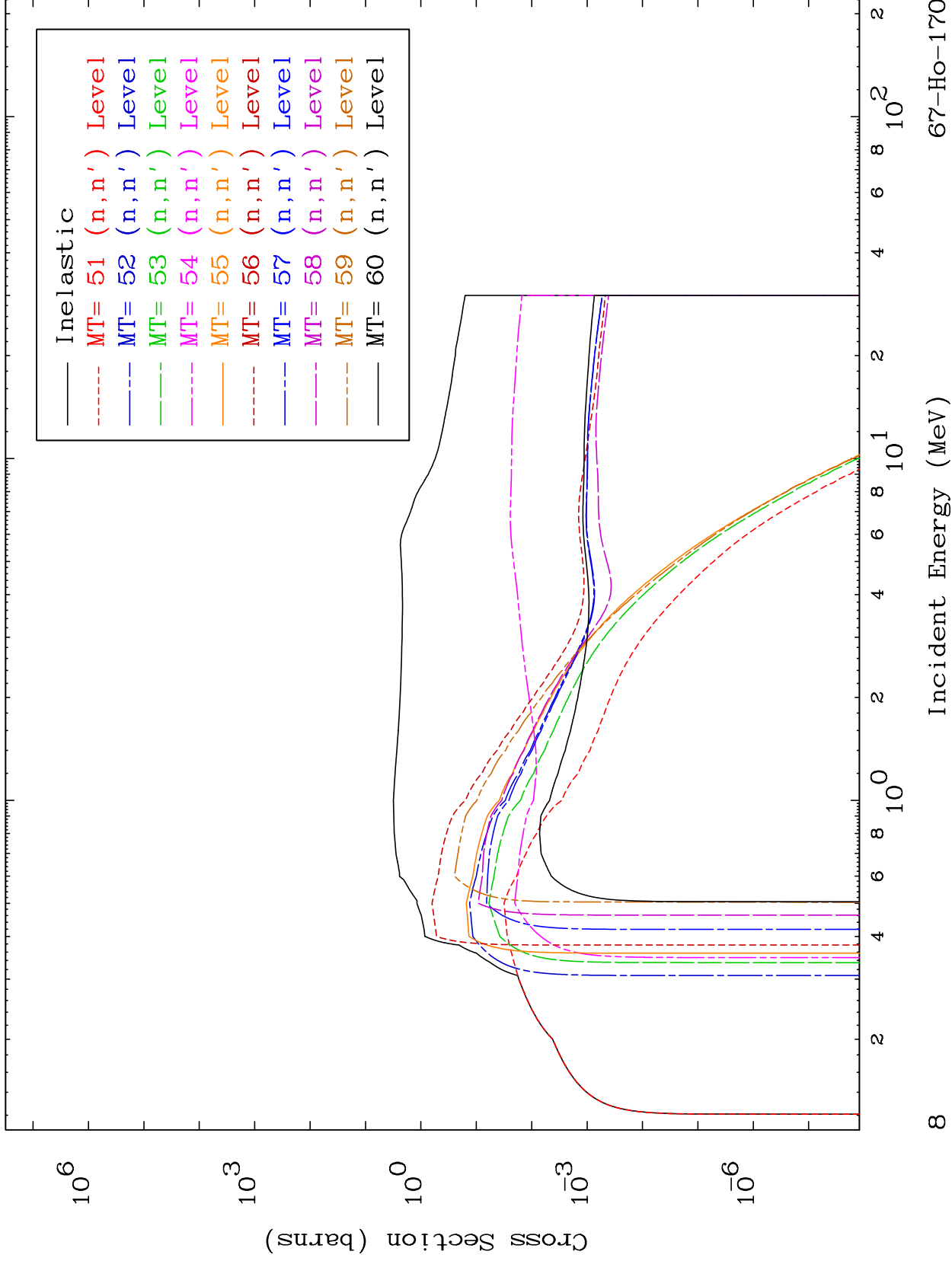
MAT 6740

Charged Particle
293 Kelvin Cross Sections

67-Ho-170





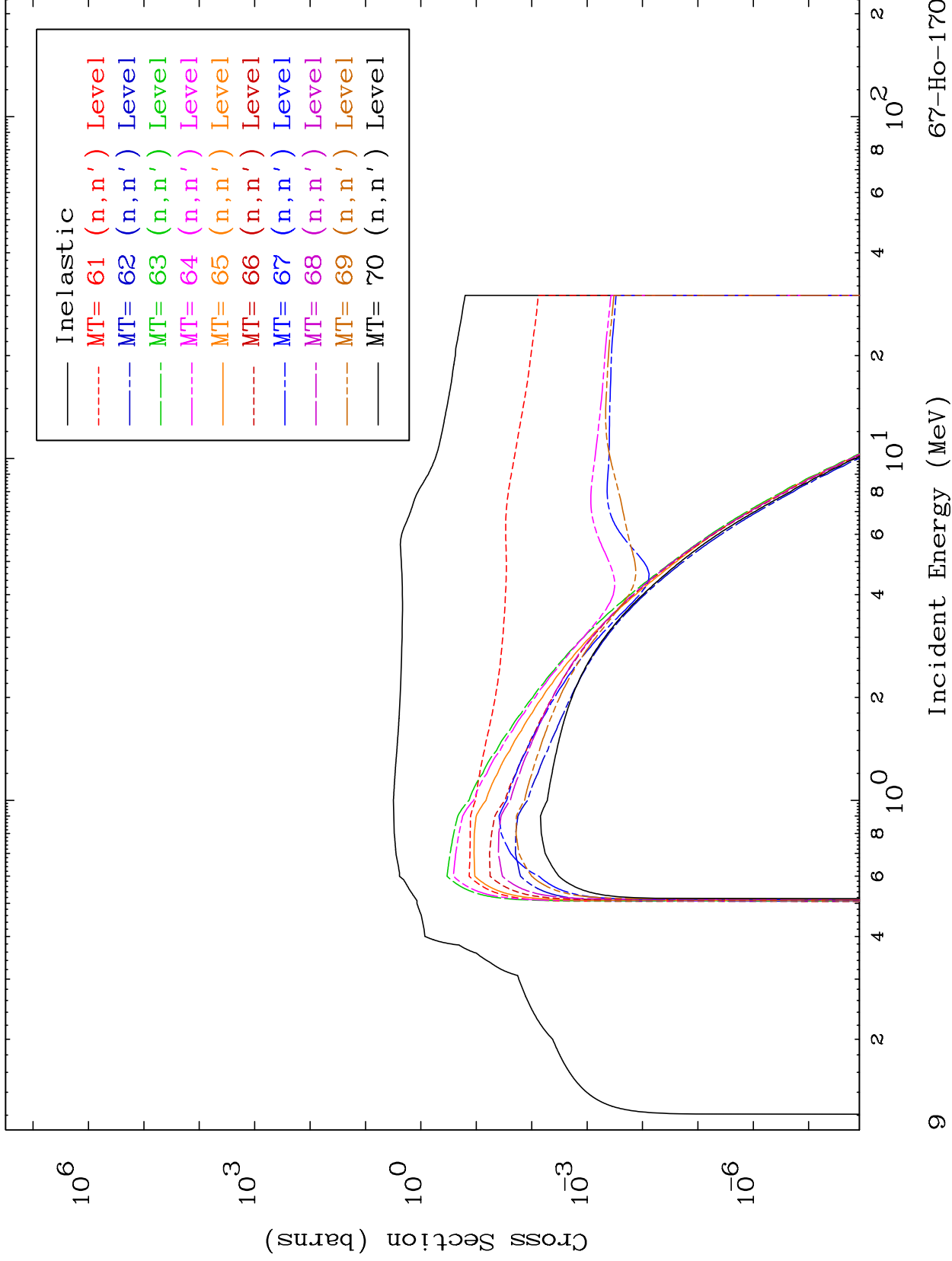


MAT 6740

(n,n') Levels

67-Ho-170

293 Kelvin Cross Sections

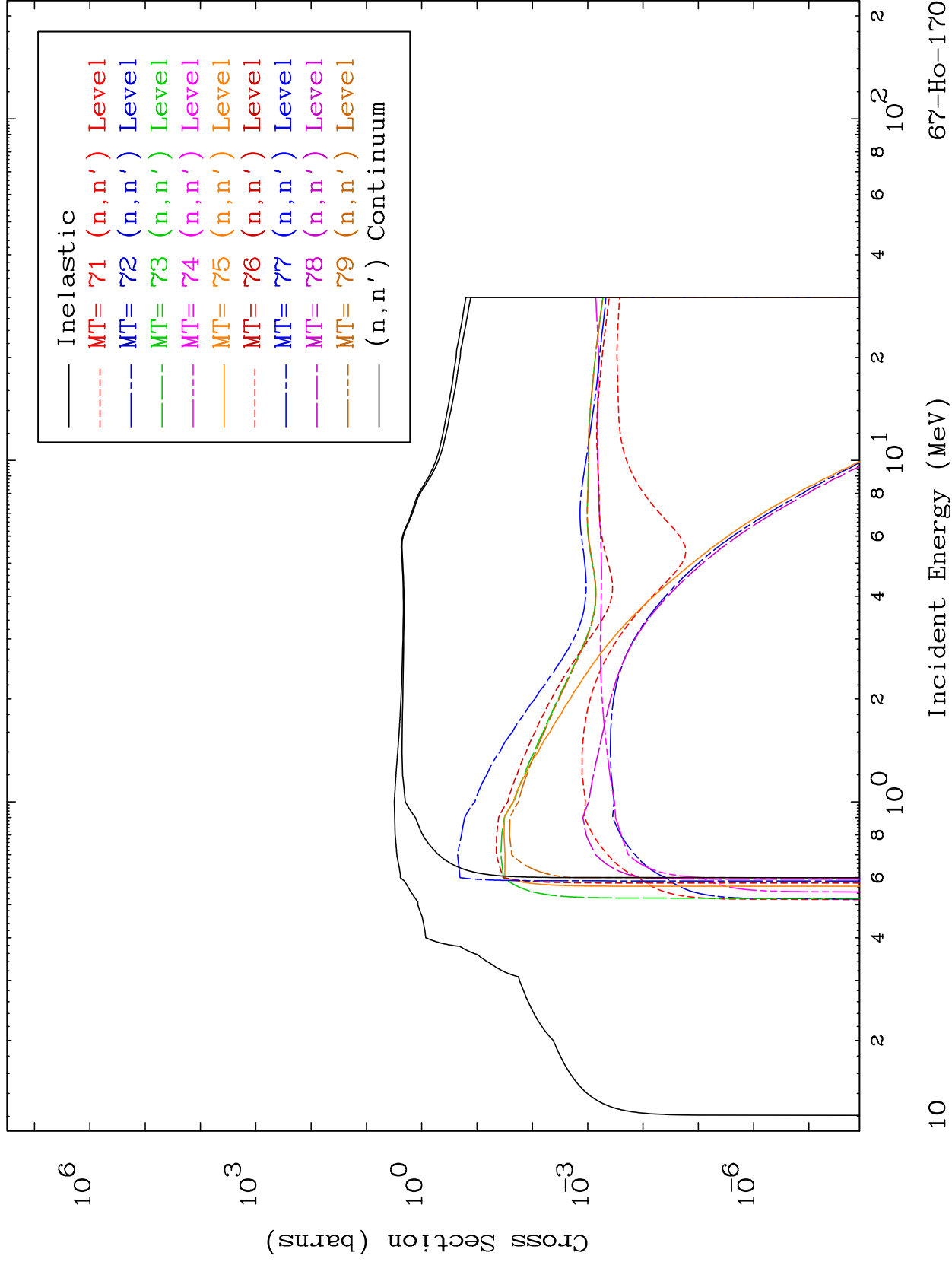


MAT 6740

(n,n') Levels

293 Kelvin Cross Sections

67-Ho-170



10

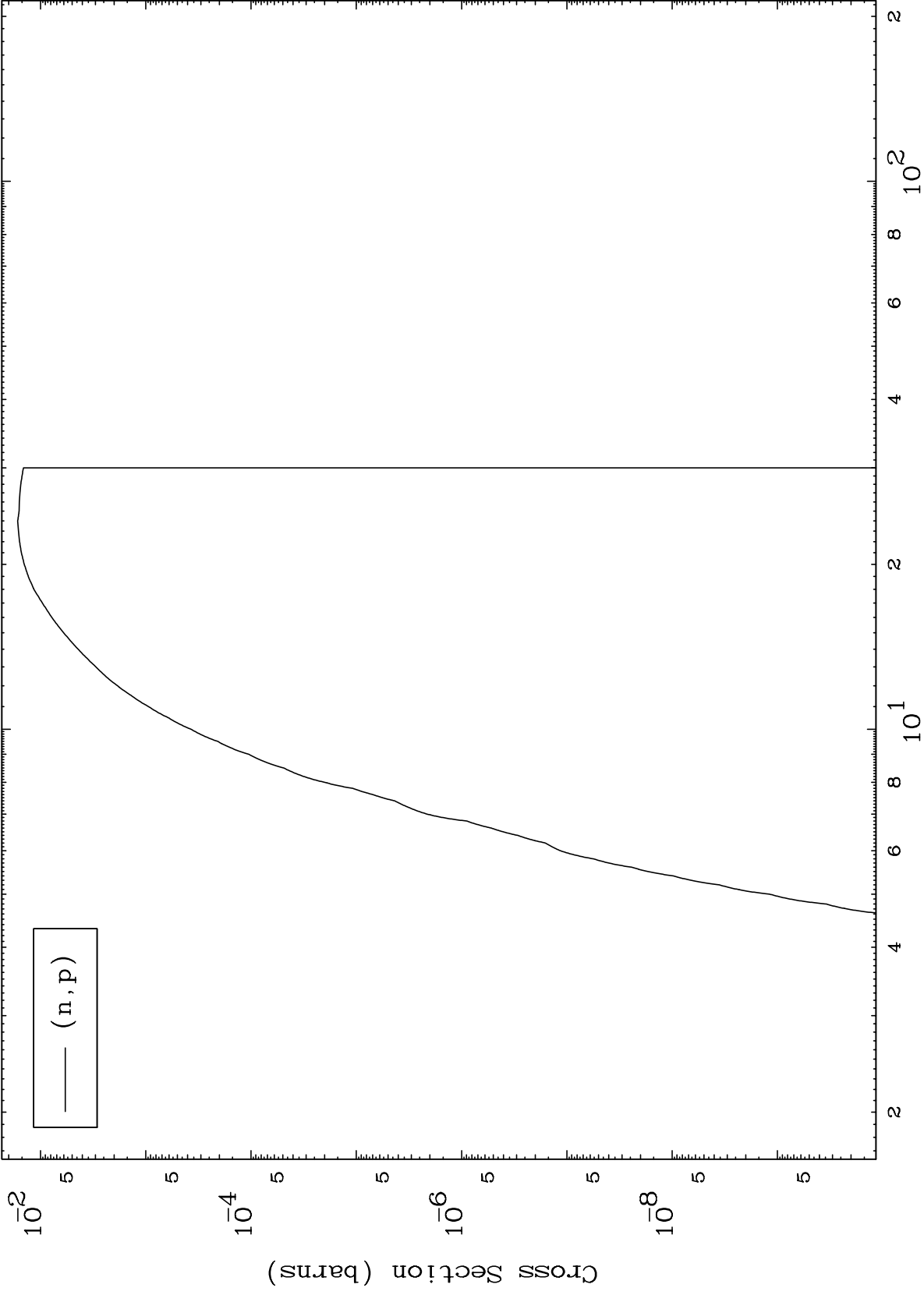
Incident Energy (MeV)

67-Ho-170

MAT 6740

(n,p) Levels
293 Kelvin Cross Sections

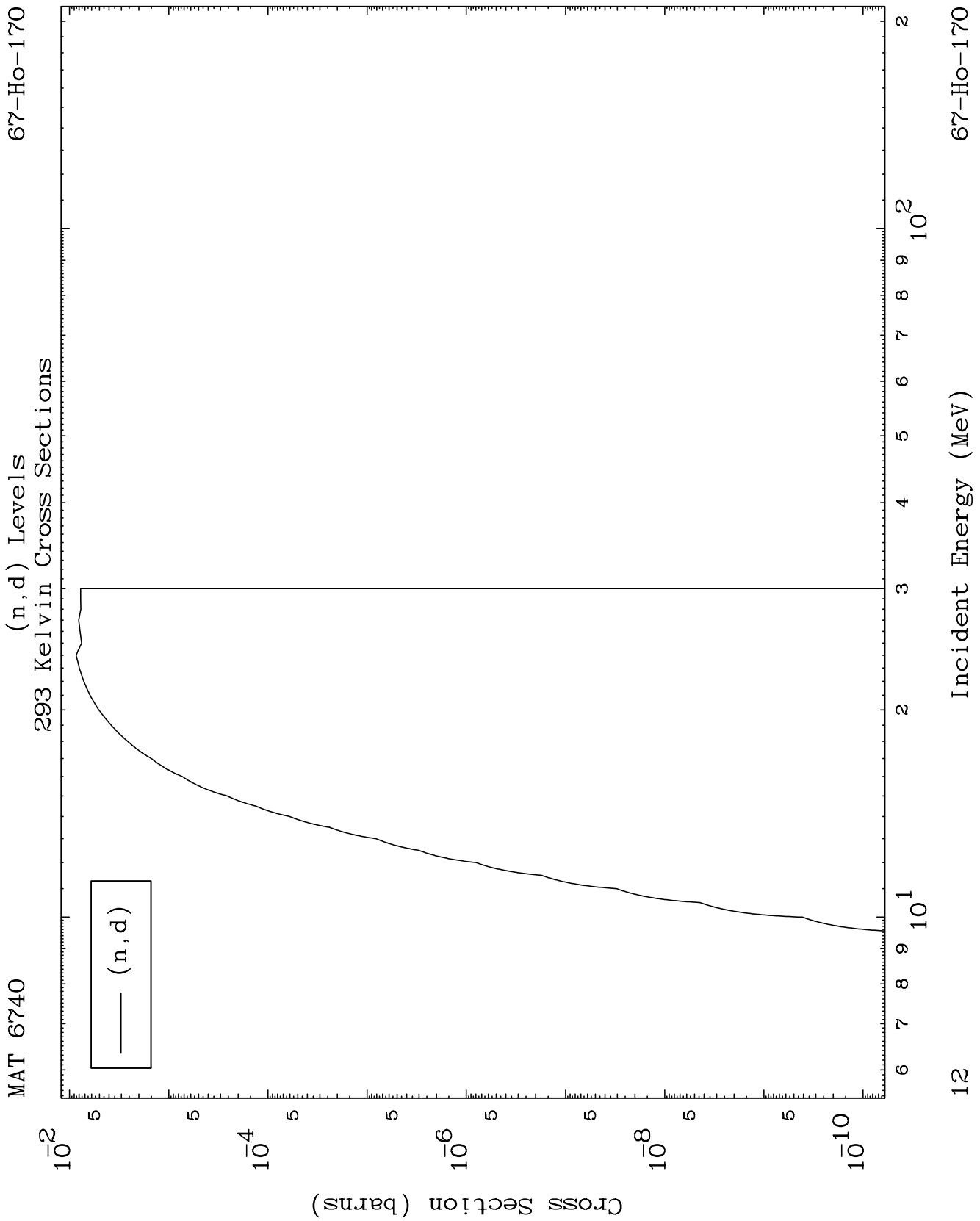
67-Ho-170



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Incident Energy (MeV)

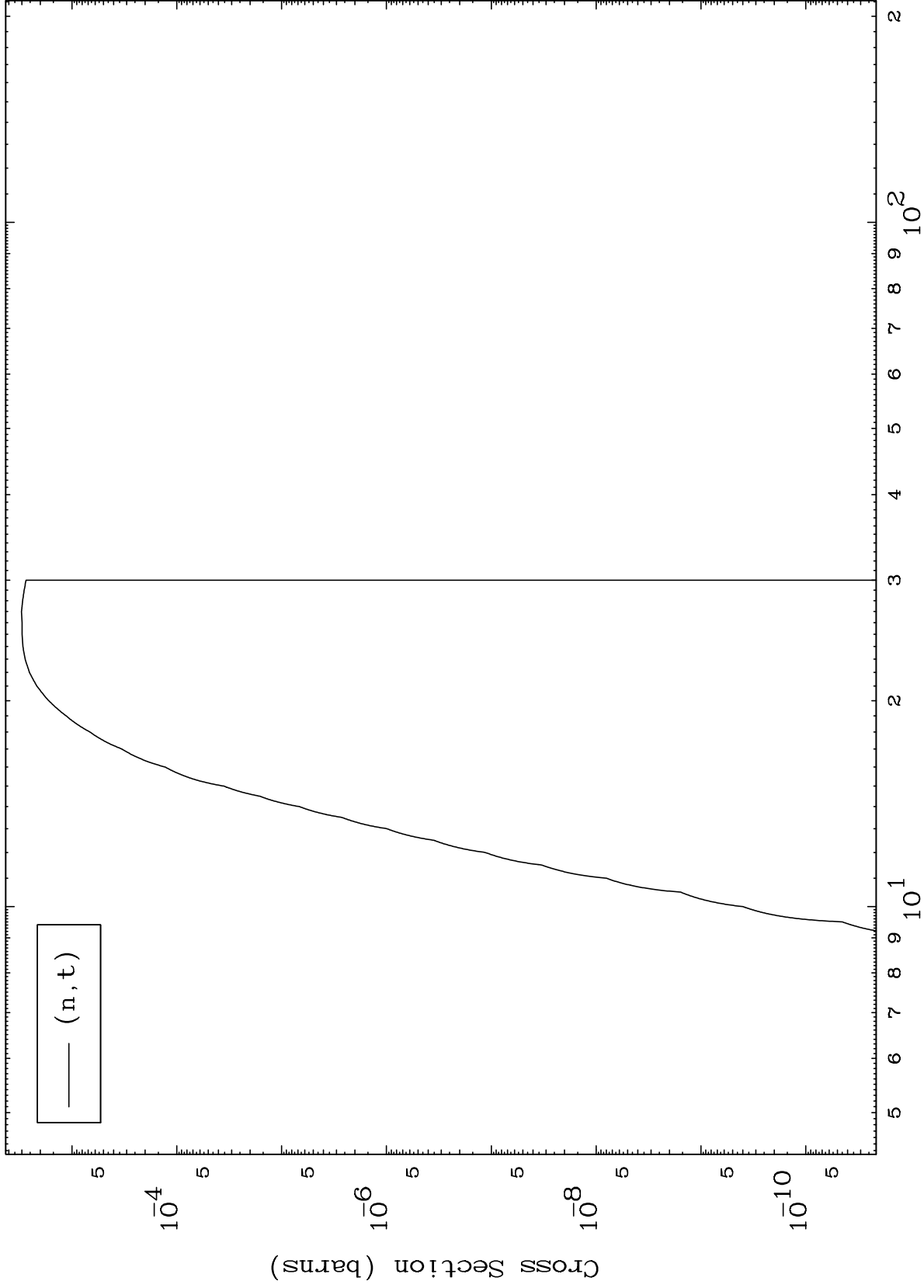
67-Ho-170



MAT 6740

(n,t) Levels
293 Kelvin Cross Sections

67-Ho-170



13

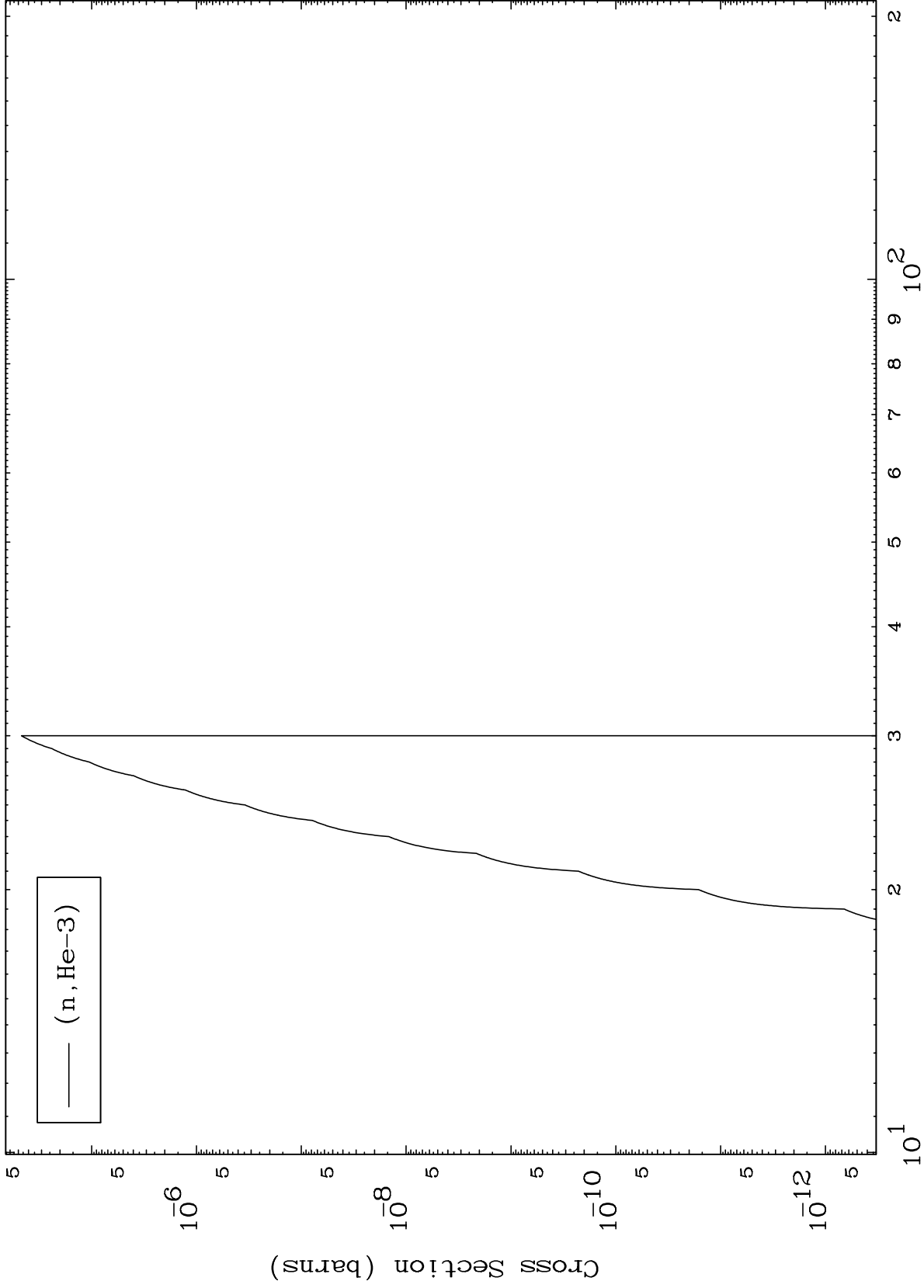
Incident Energy (MeV)

67-Ho-170

MAT 6740

(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-170



14

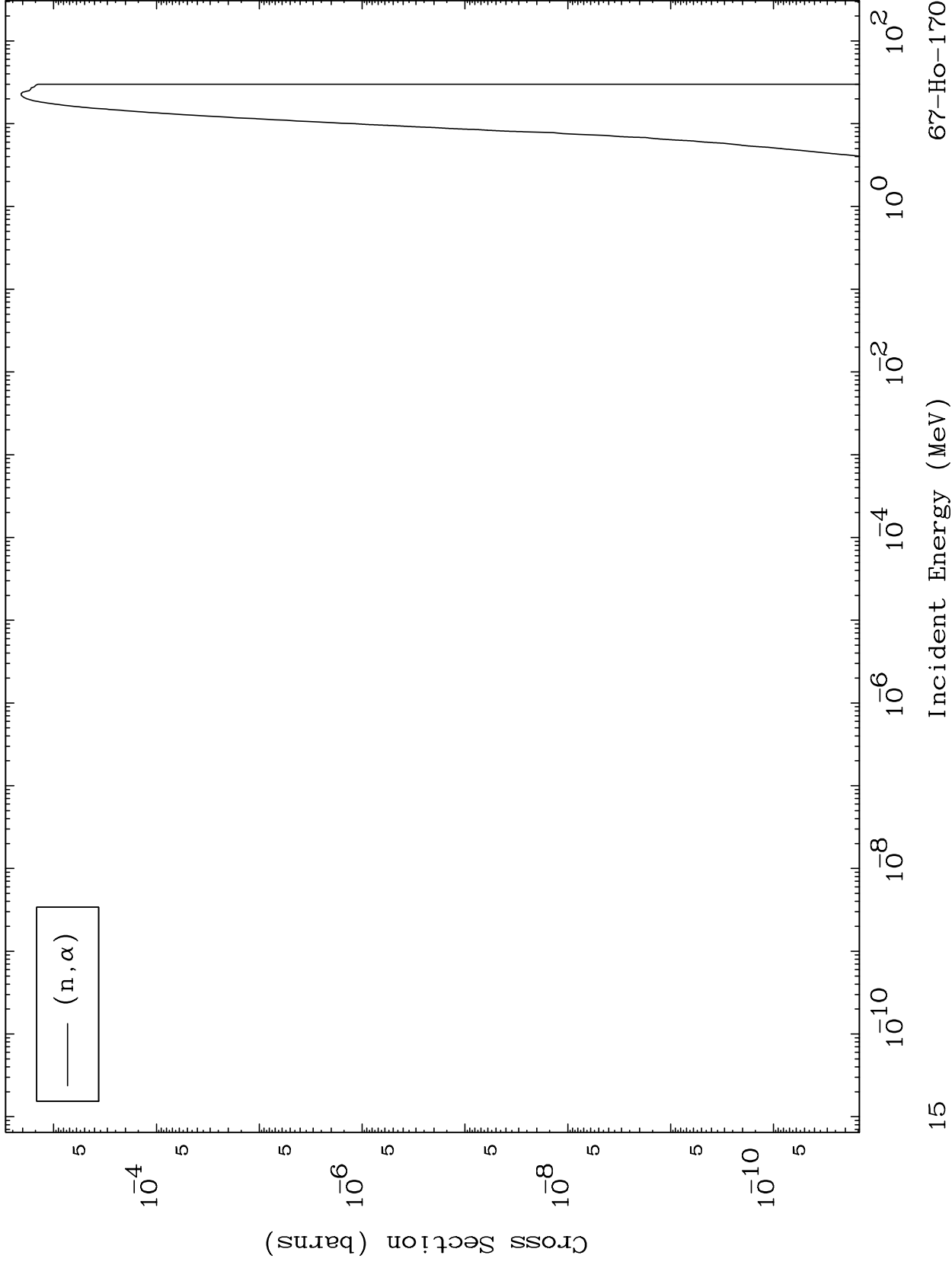
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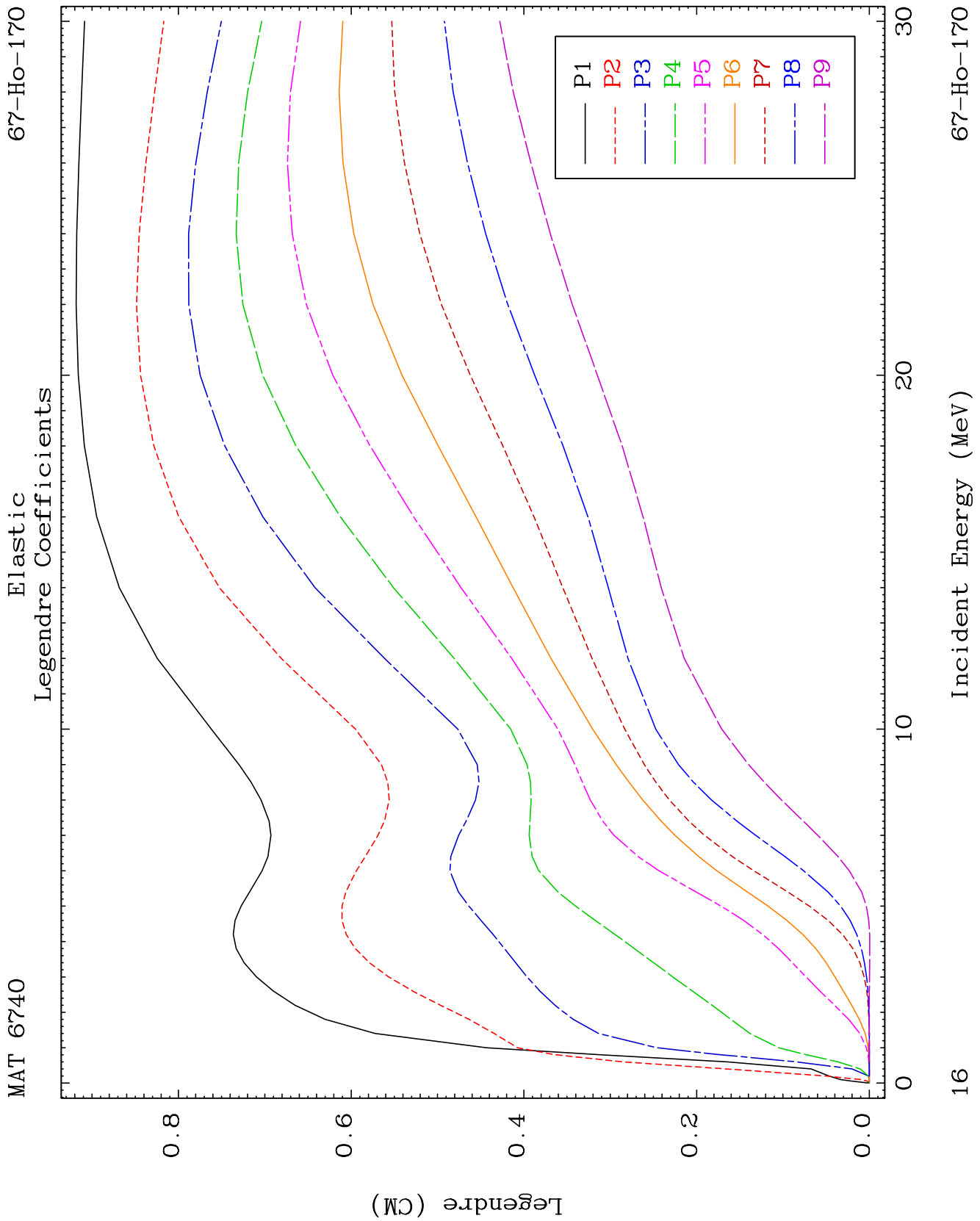
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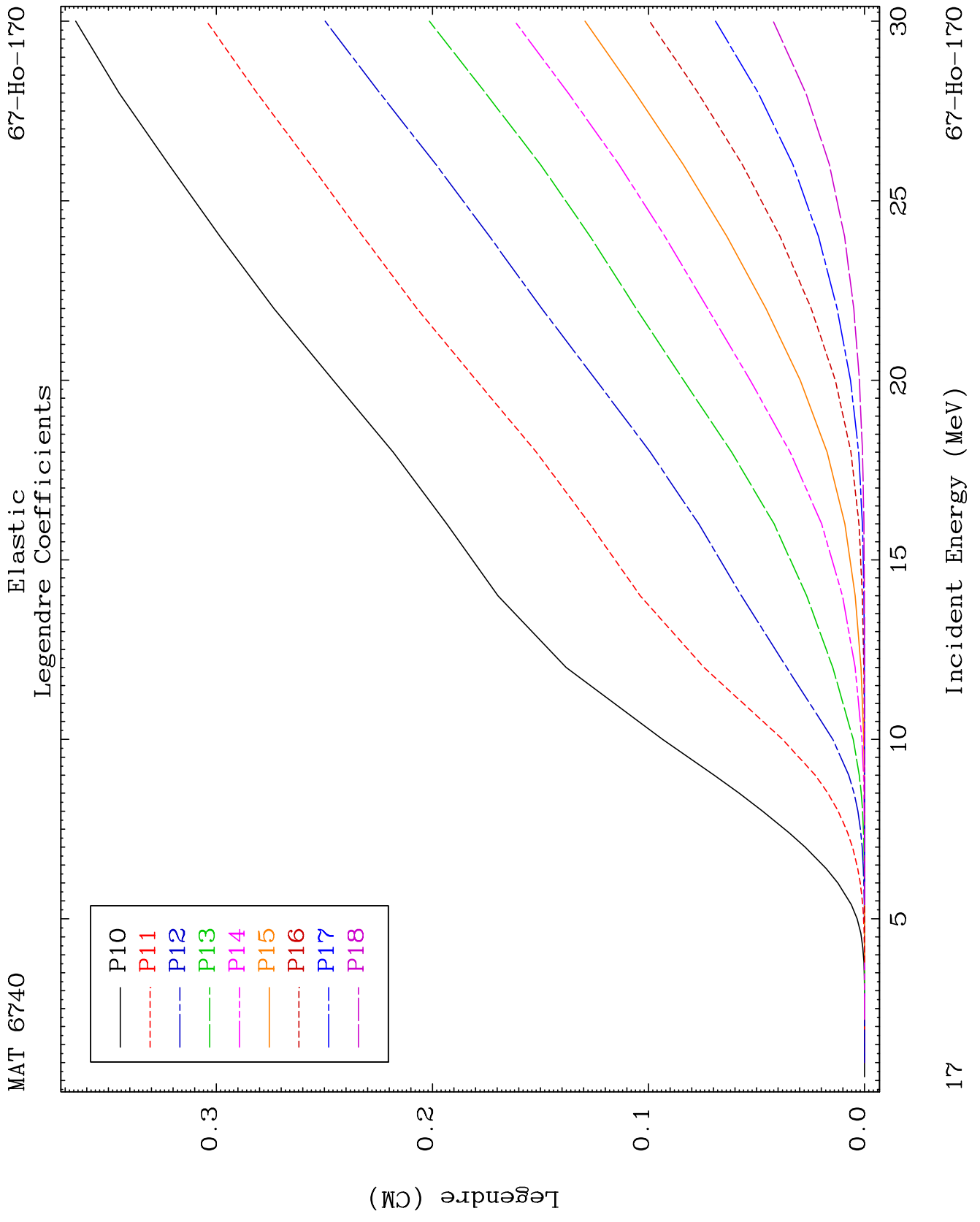
MAT 6740

(n, α) Levels
293 Kelvin Cross Sections

67-Ho-170



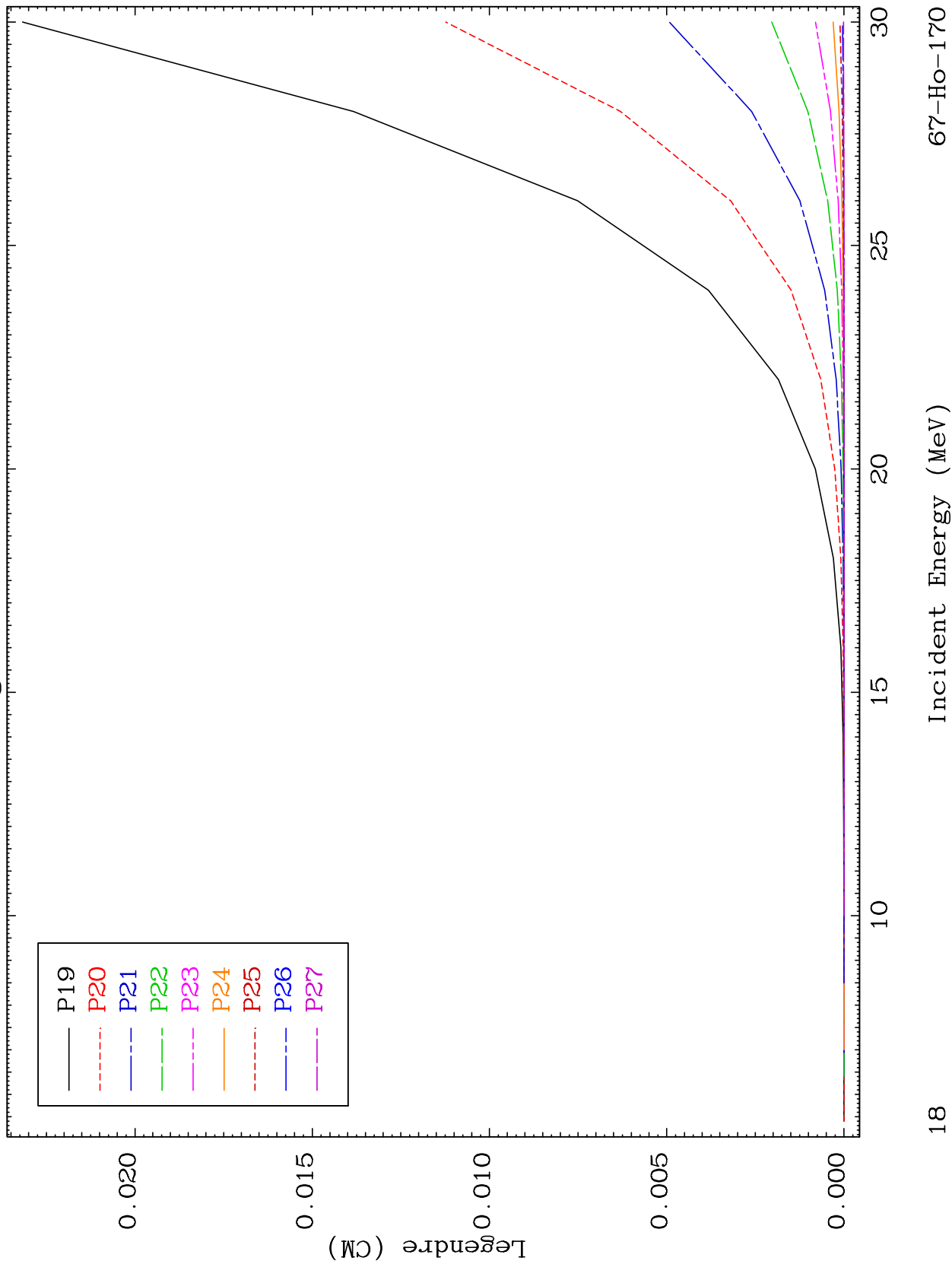




MAT 6740

Elastic Legendre Coefficients

67-Ho-170



18

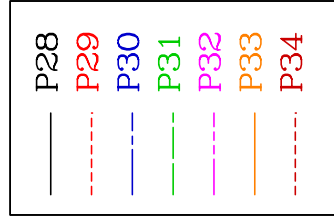
Incident Energy (MeV)

67-Ho-170

MAT 6740

Elastic
Legendre Coefficients

67-Ho-170



$\times 10^{-6}$

Legendre (CM)

4

3

2

1

0

15

20

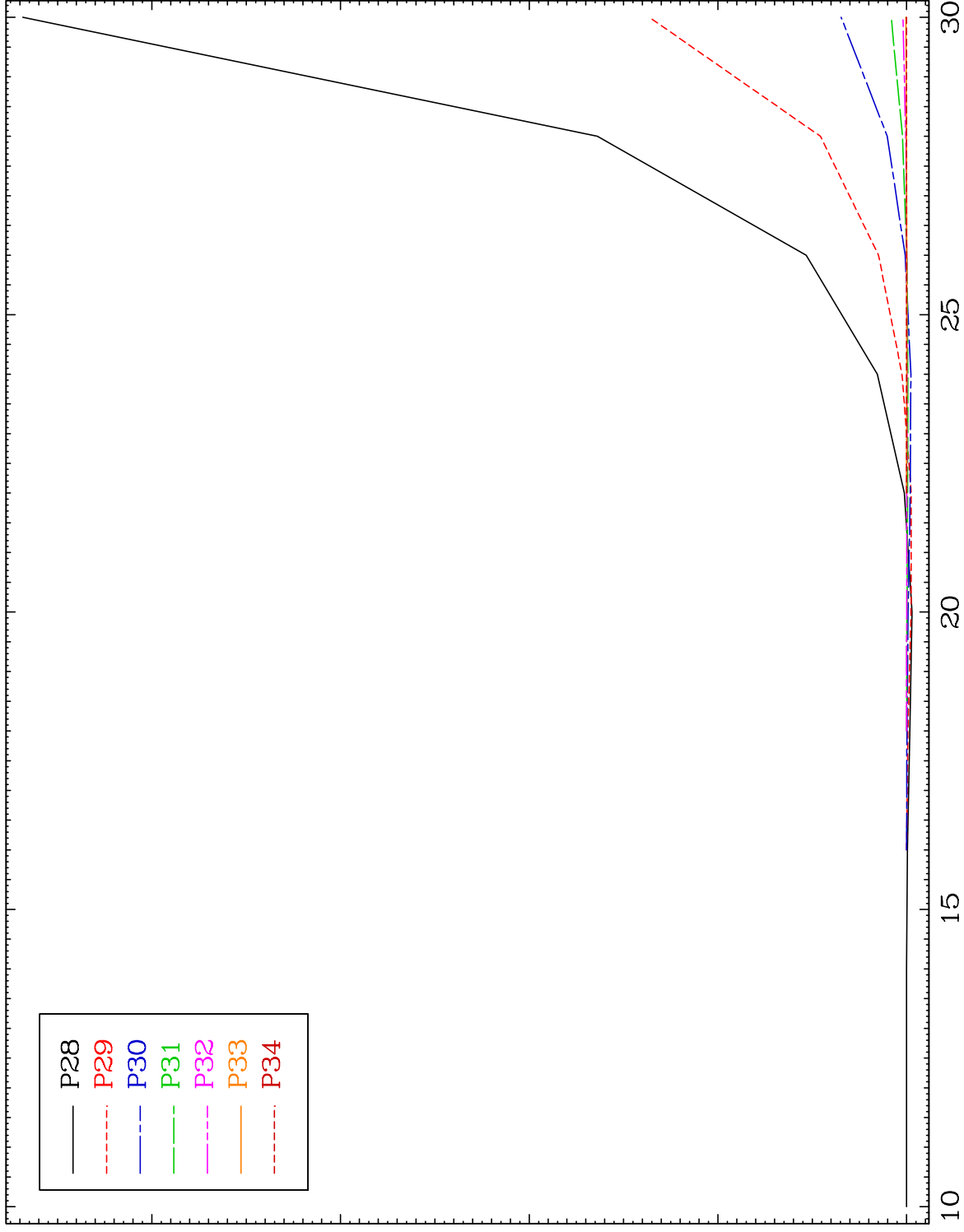
25

30

19

Incident Energy (MeV)

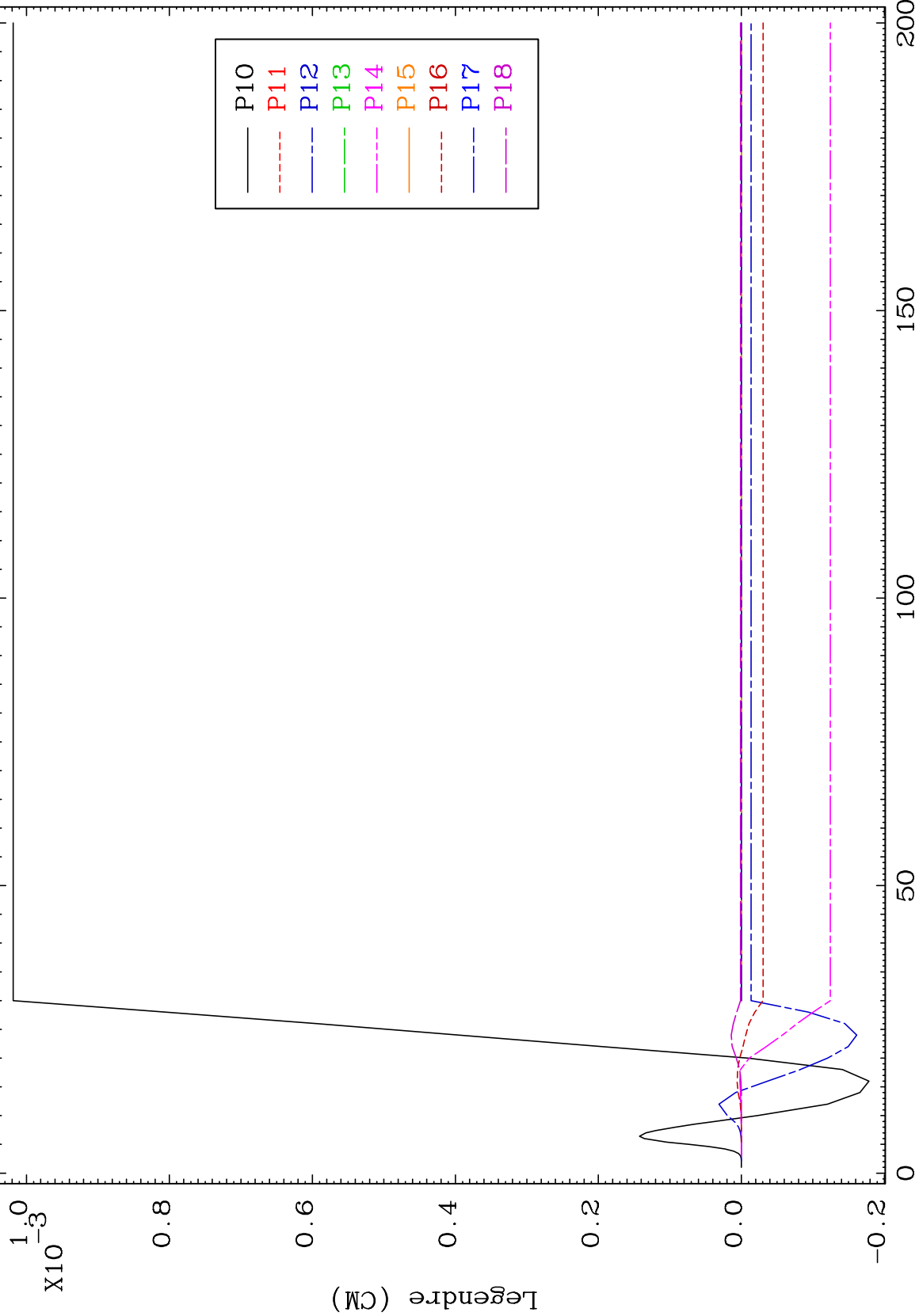
67-Ho-170



MAT 6740

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

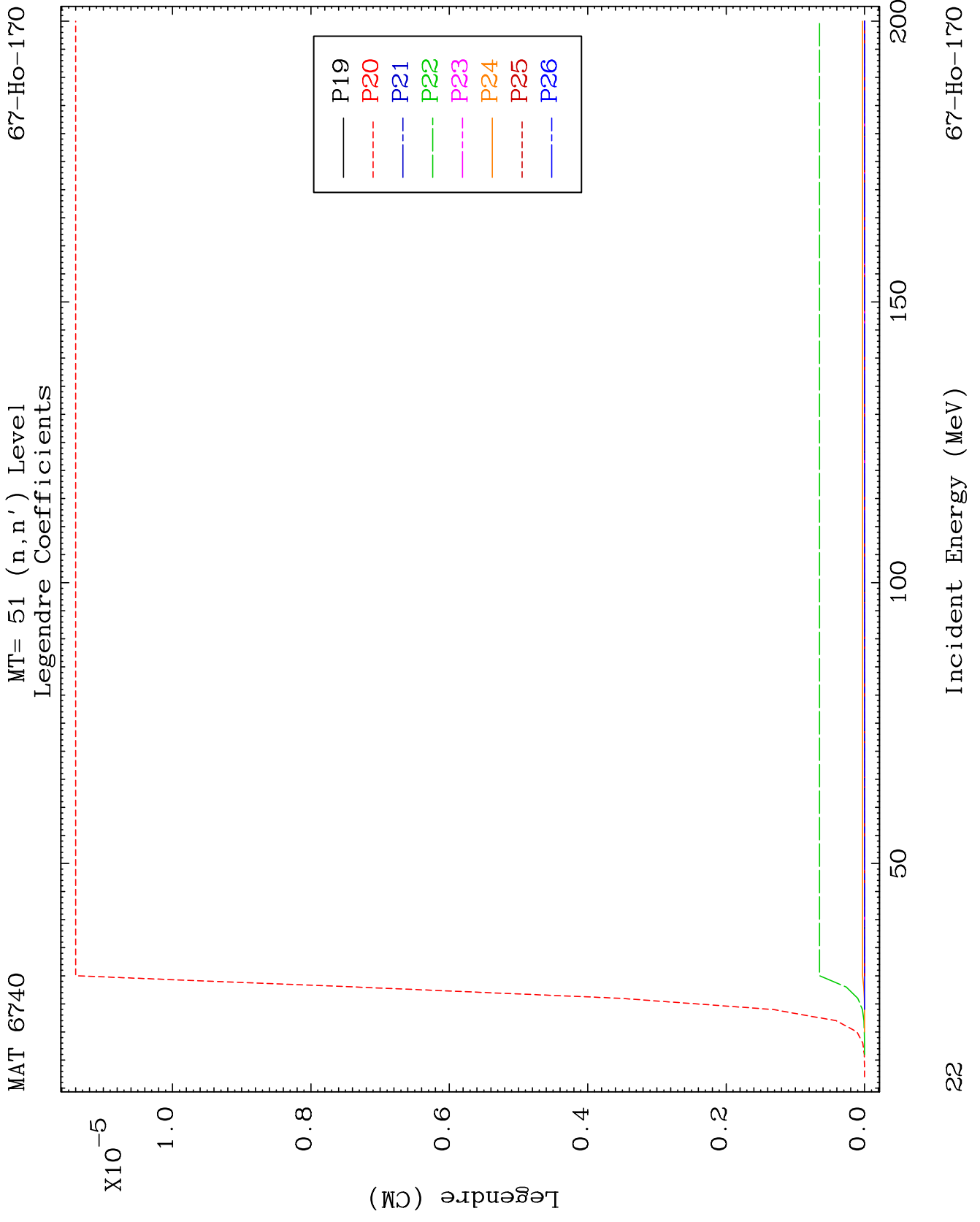
67-Ho-170



21

Incident Energy (MeV)

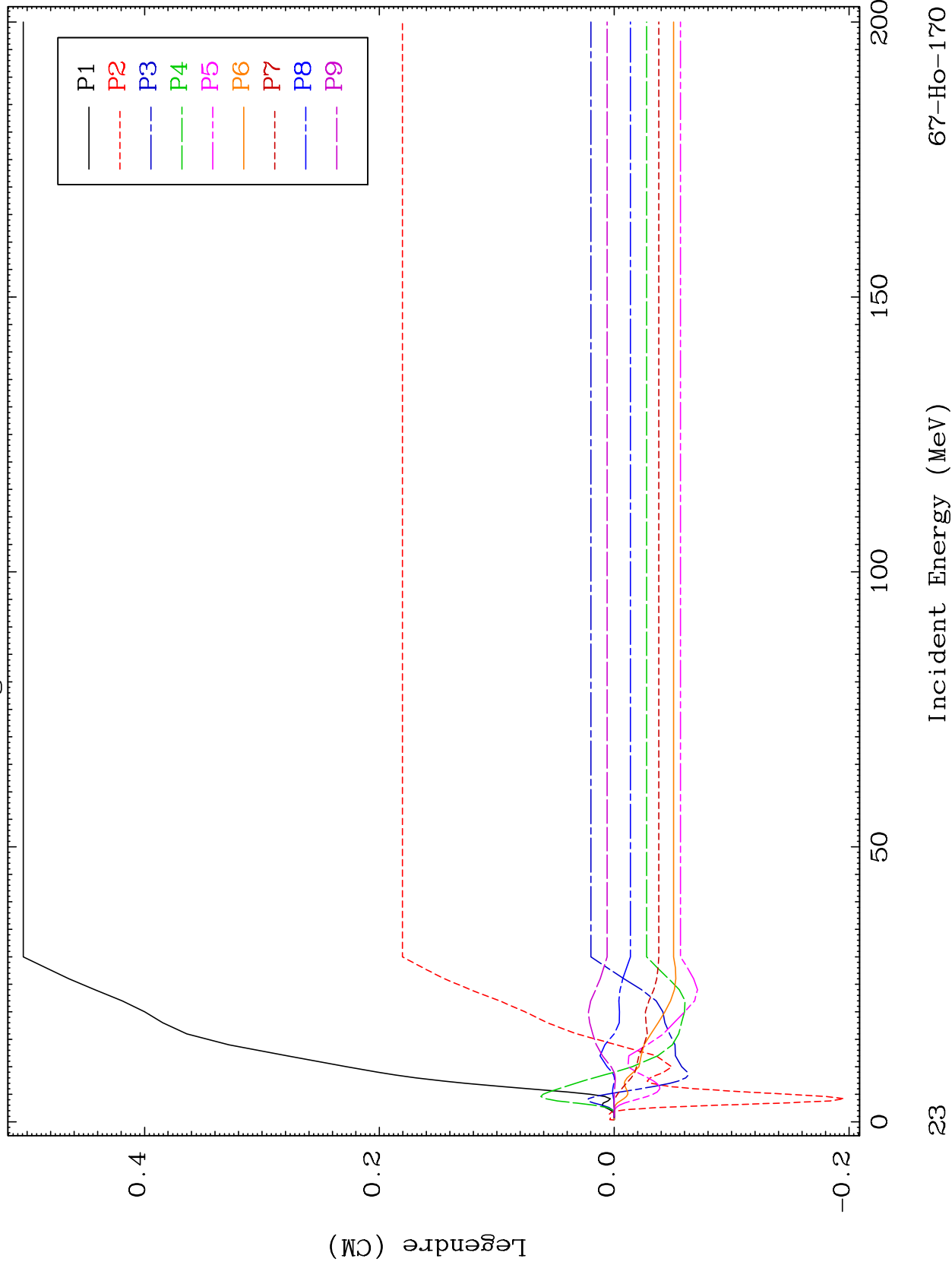
67-Ho-170



MAT 6740

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

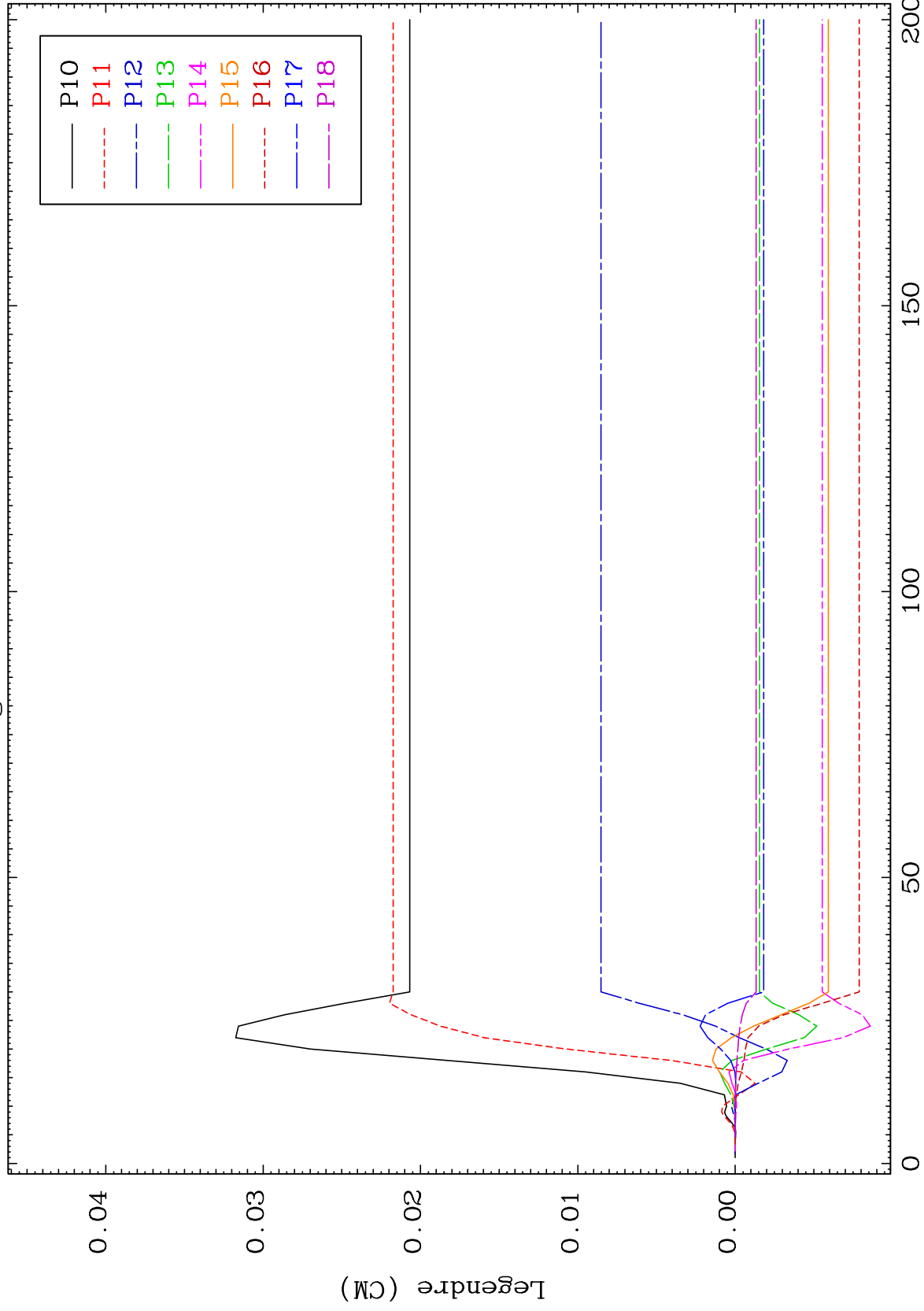
67-Ho-170



MAT 6740

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

67-Ho-170



24

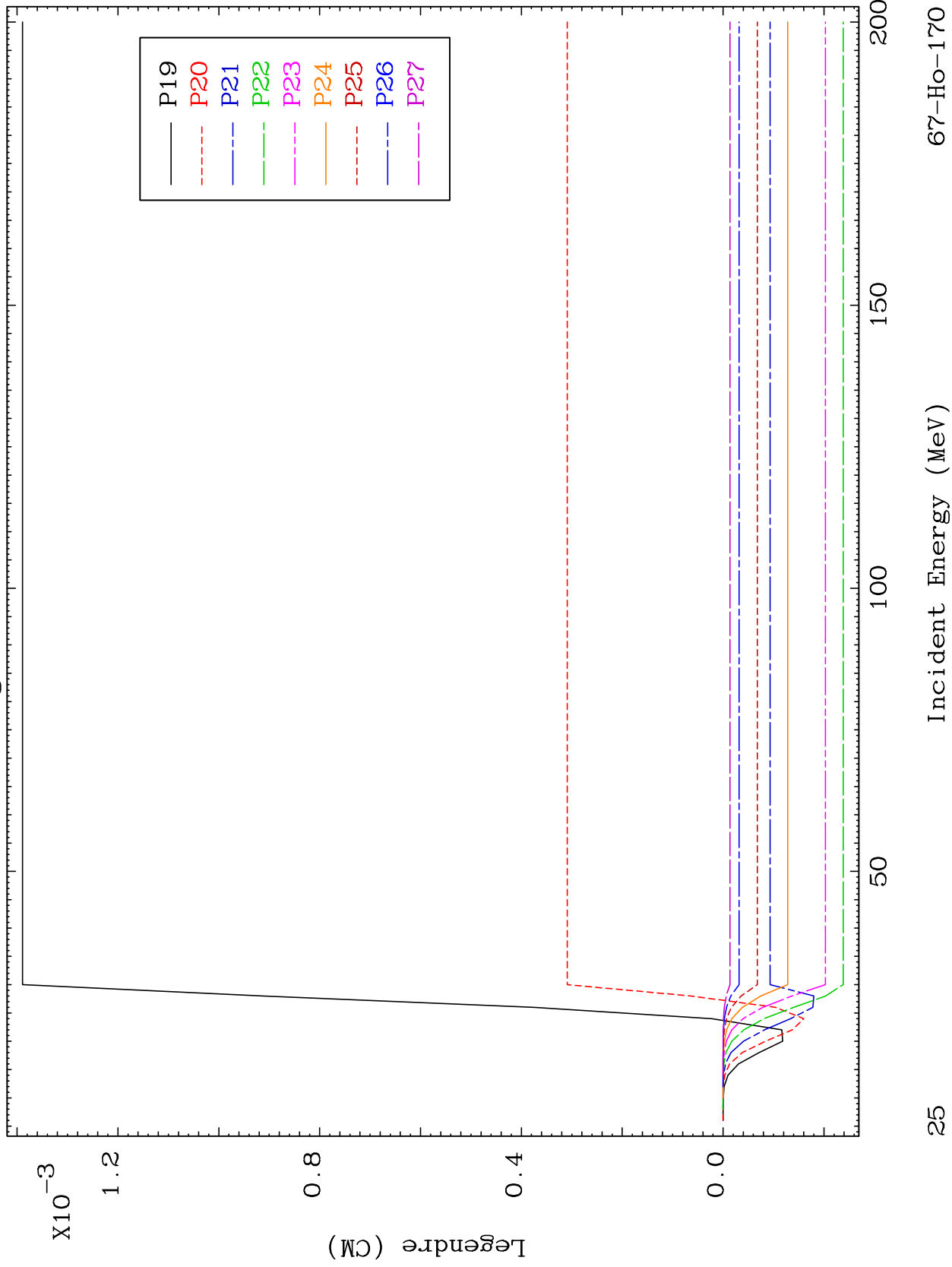
Incident Energy (MeV)

67-Ho-170

MAT 6740

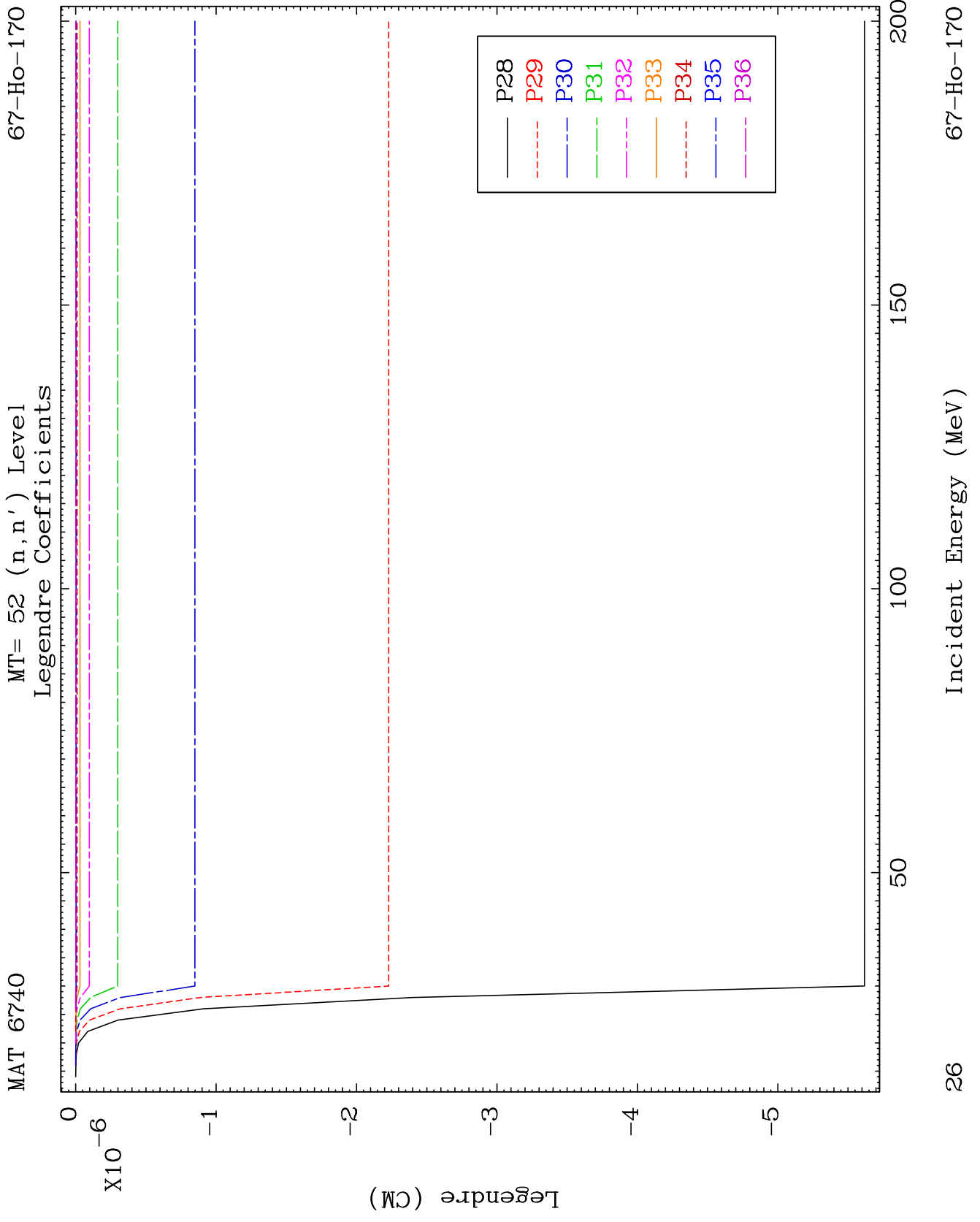
MT= 52 (n,n') Level
Legendre Coefficients

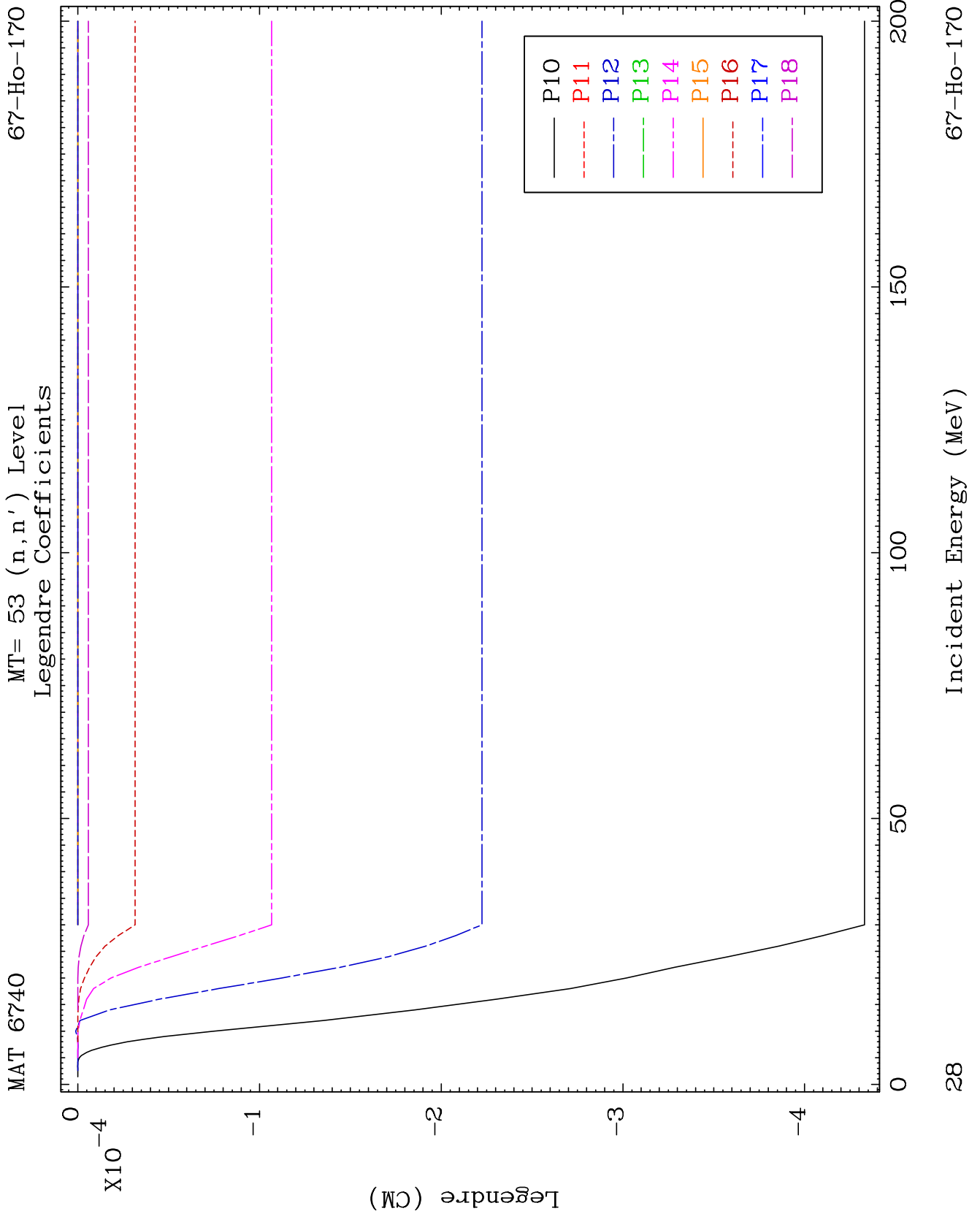
67-Ho-170



25

67-Ho-170

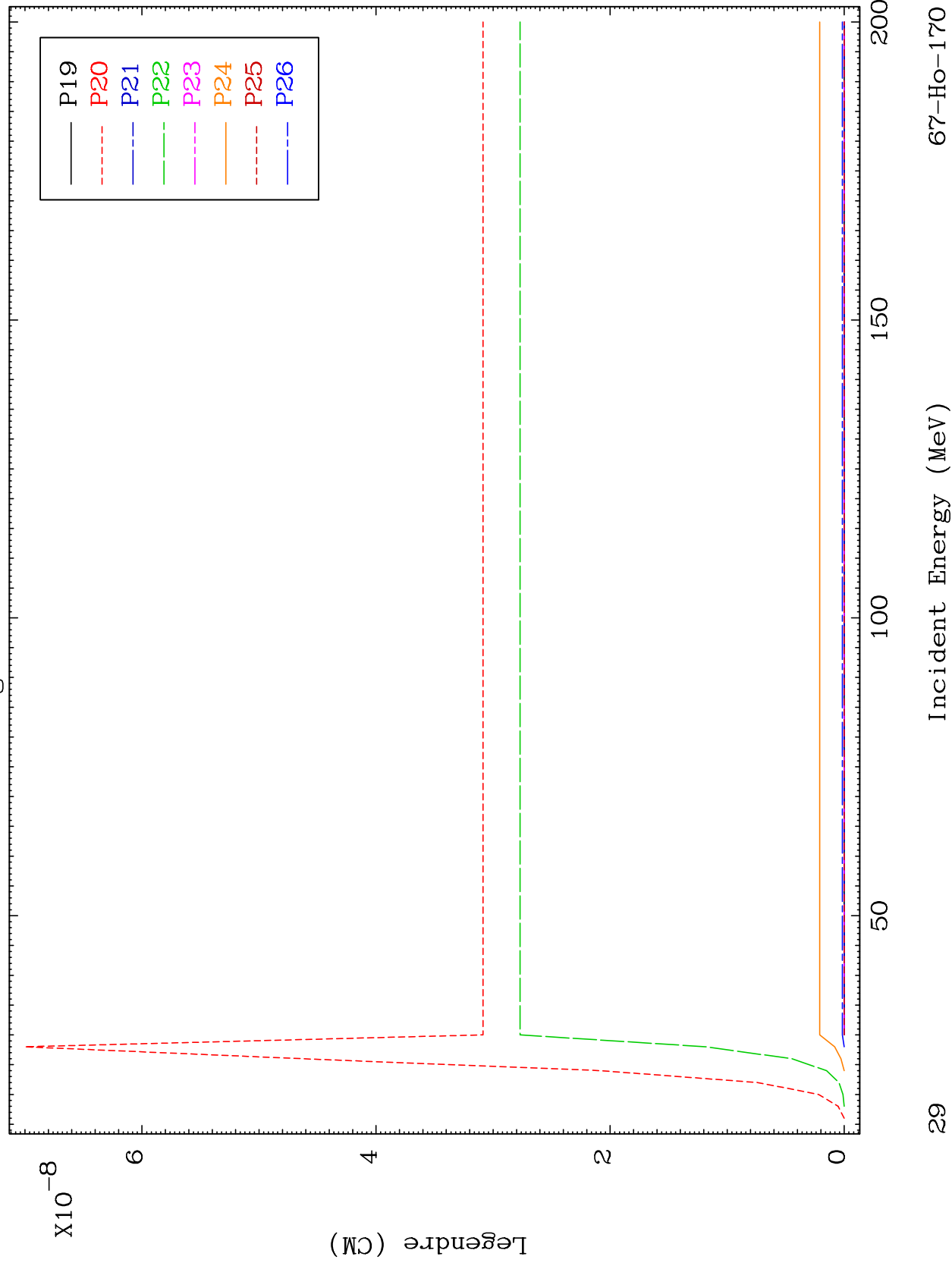




MAT 6740

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

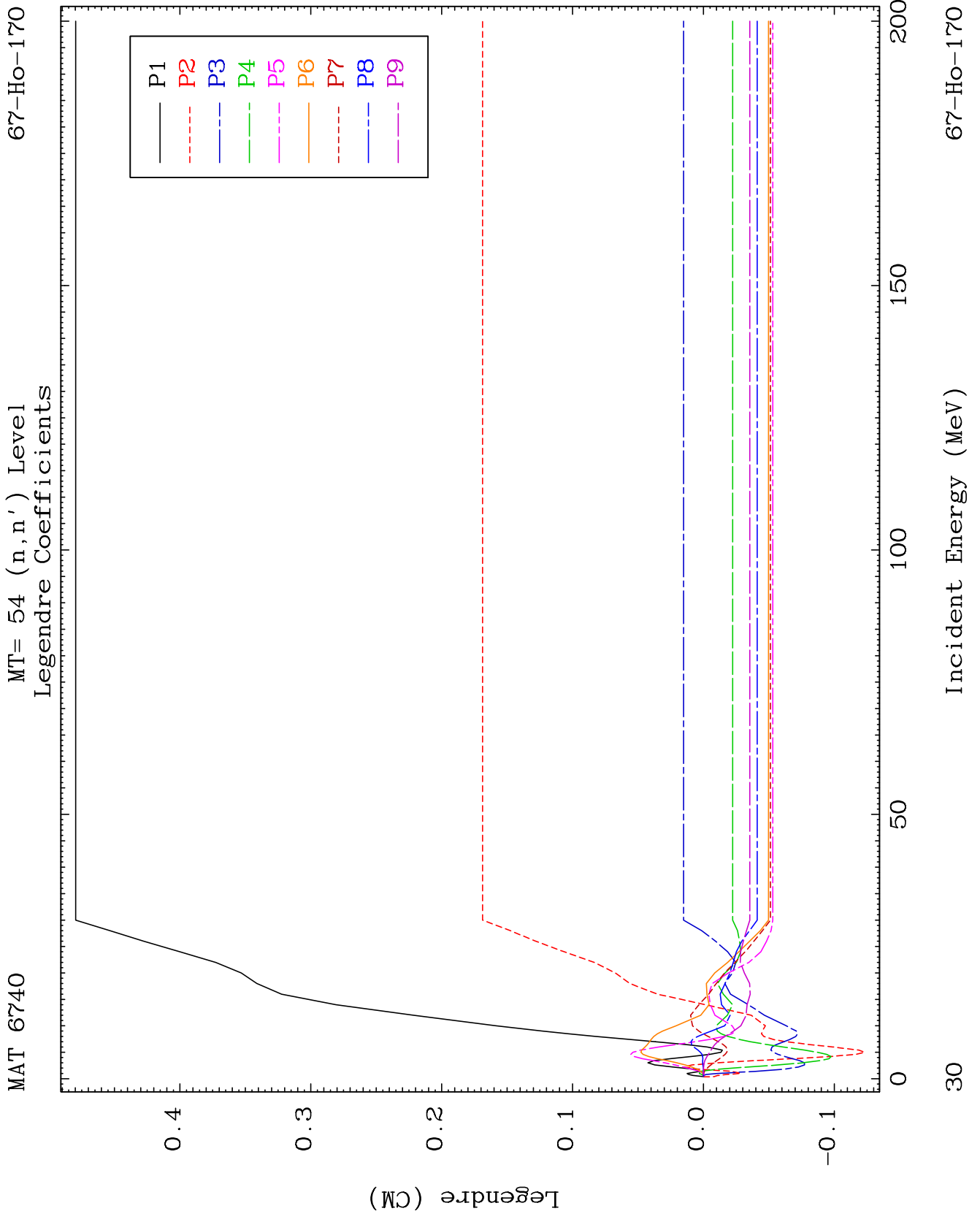
67-Ho-170



29

Incident Energy (MeV)

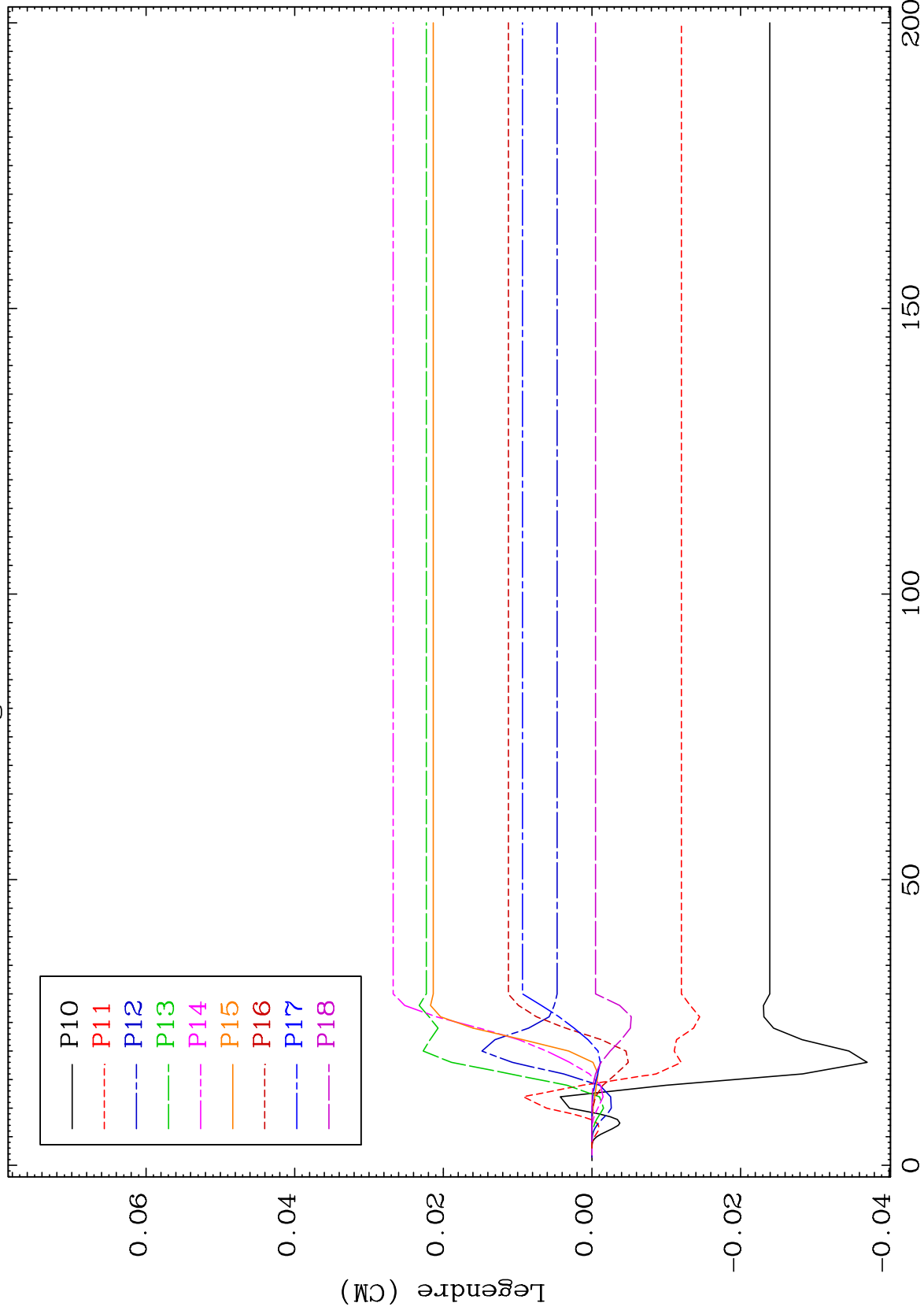
67-Ho-170



MAT 6740

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

67-Ho-170



31

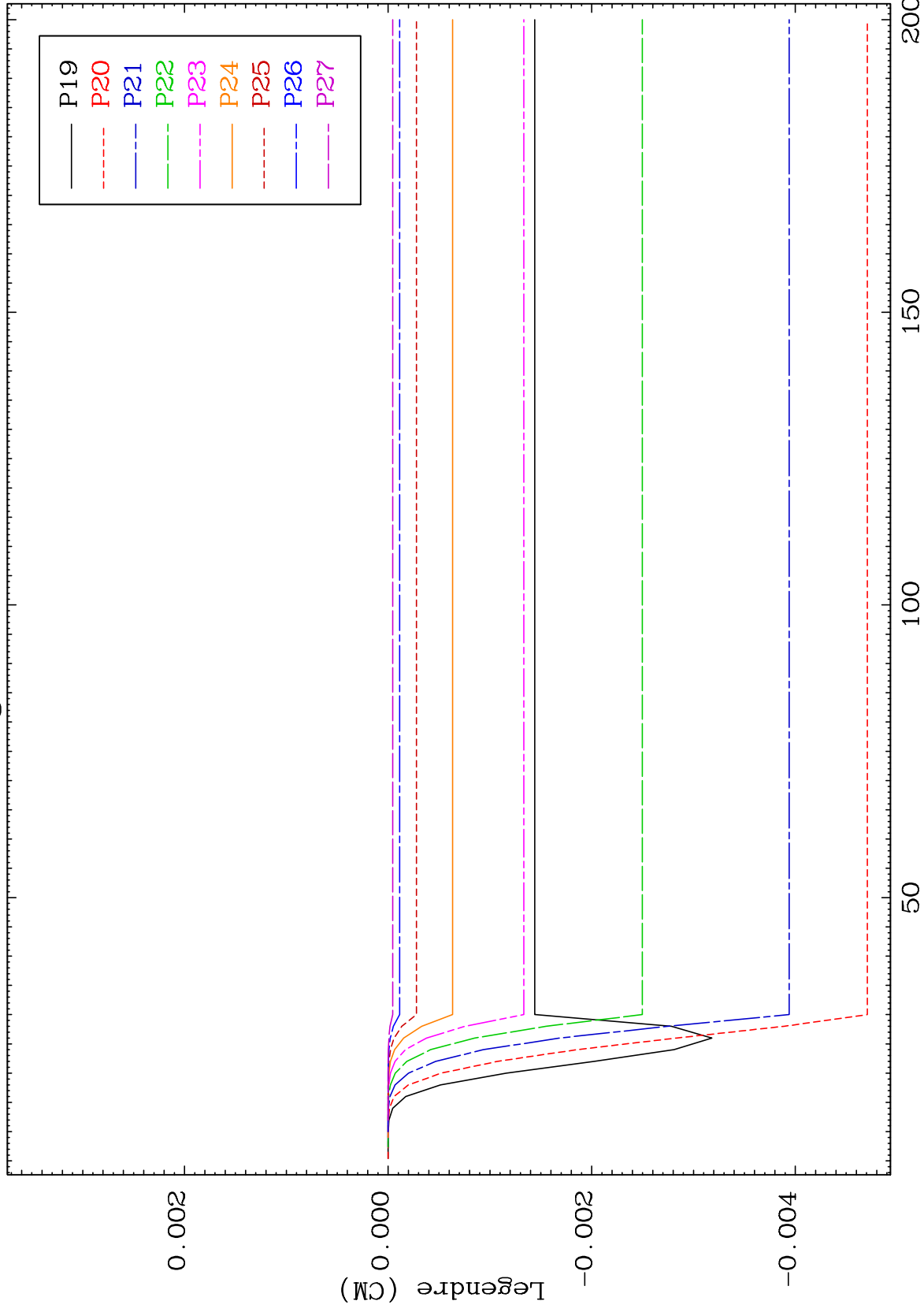
Incident Energy (MeV)

67-Ho-170

MAT 6740

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

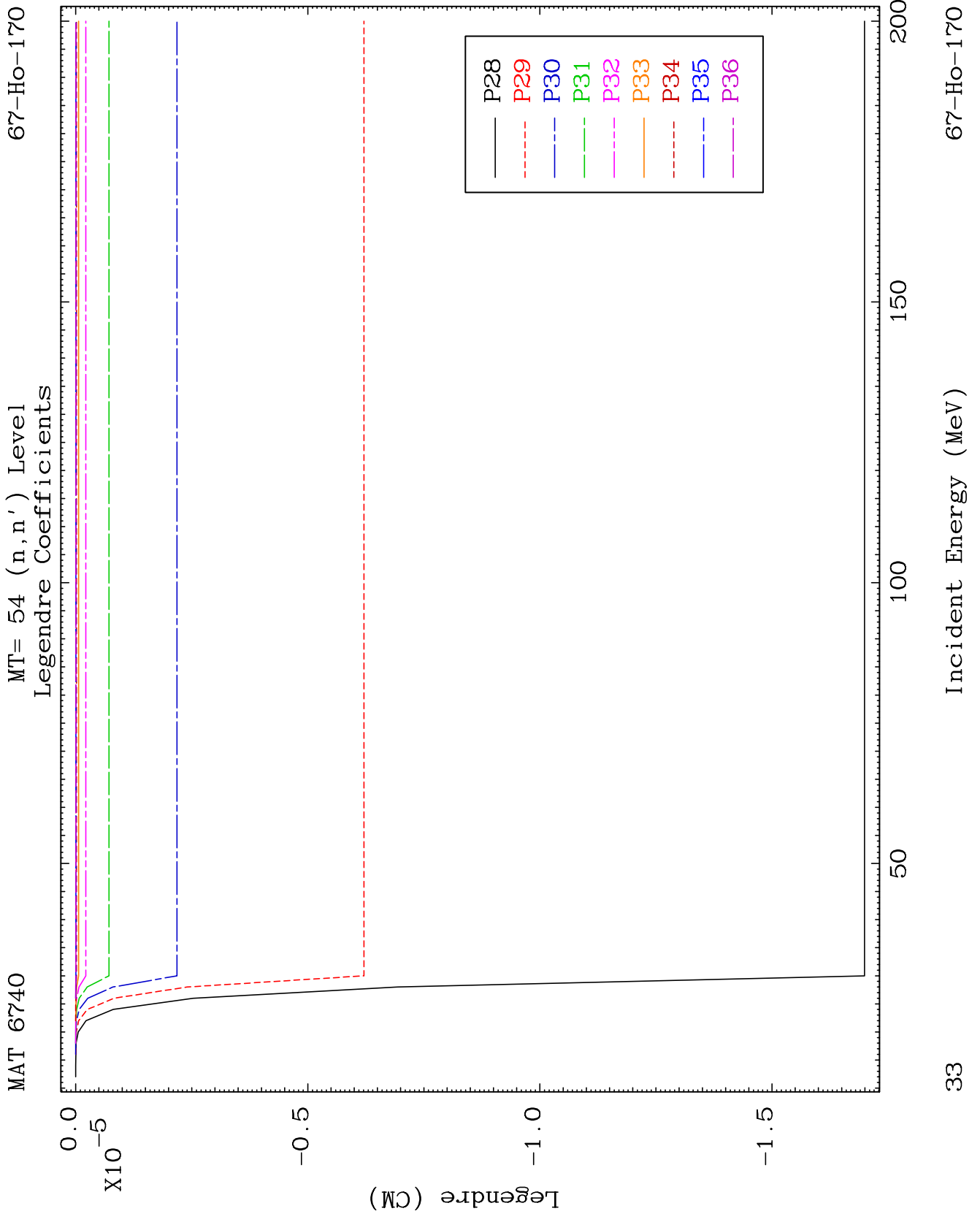
67-Ho-170

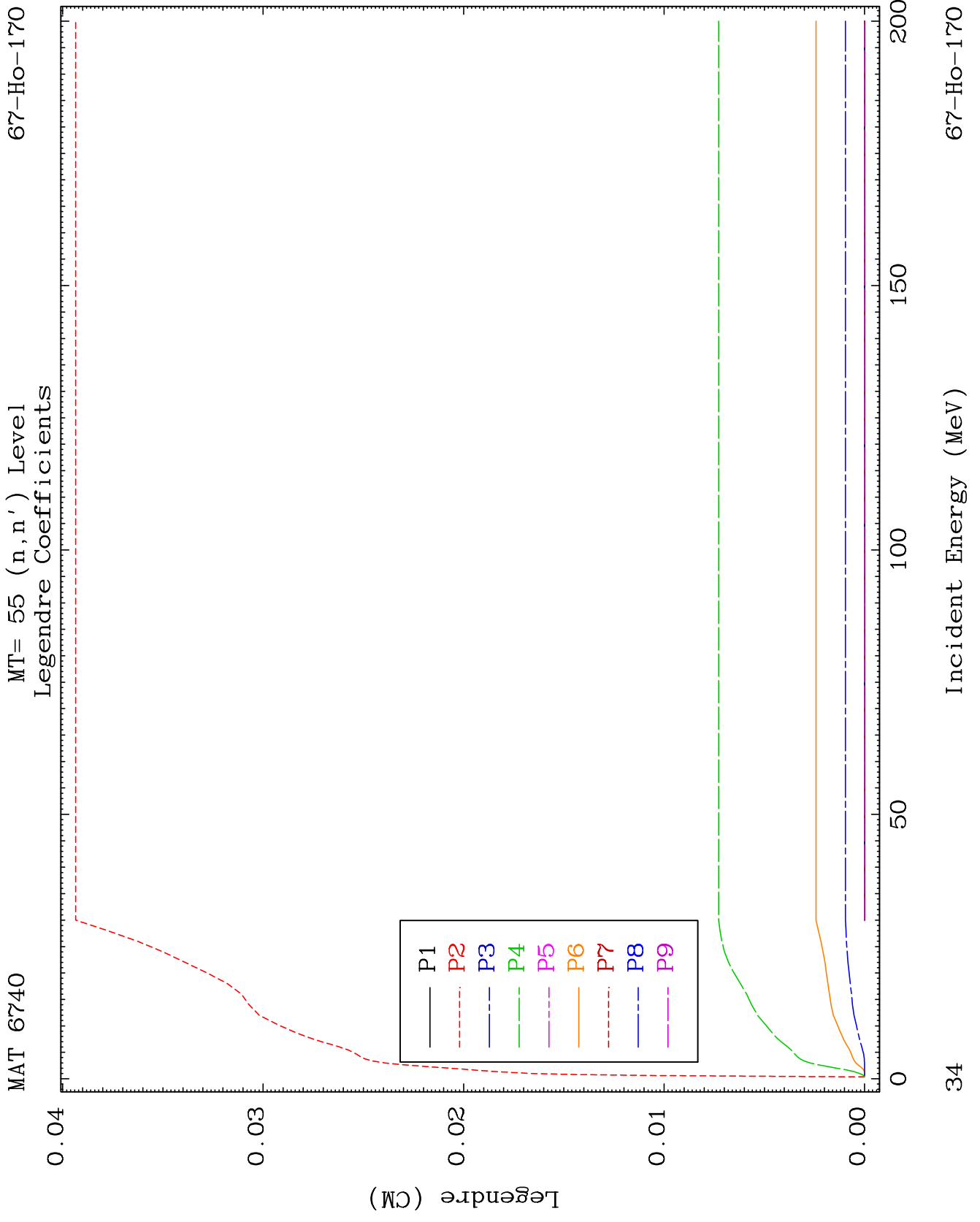


32

Incident Energy (MeV)

67-Ho-170

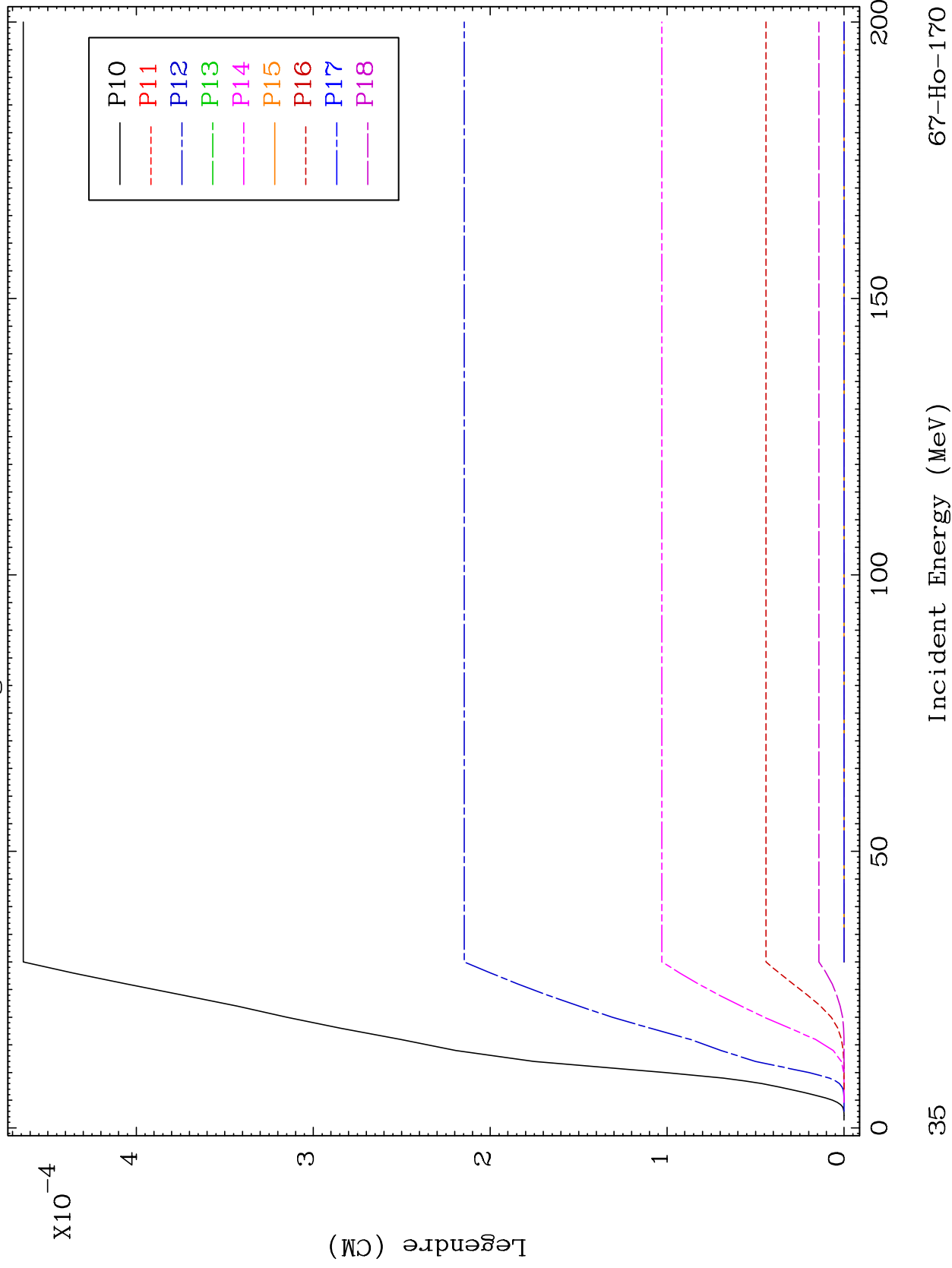




MAT 6740

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

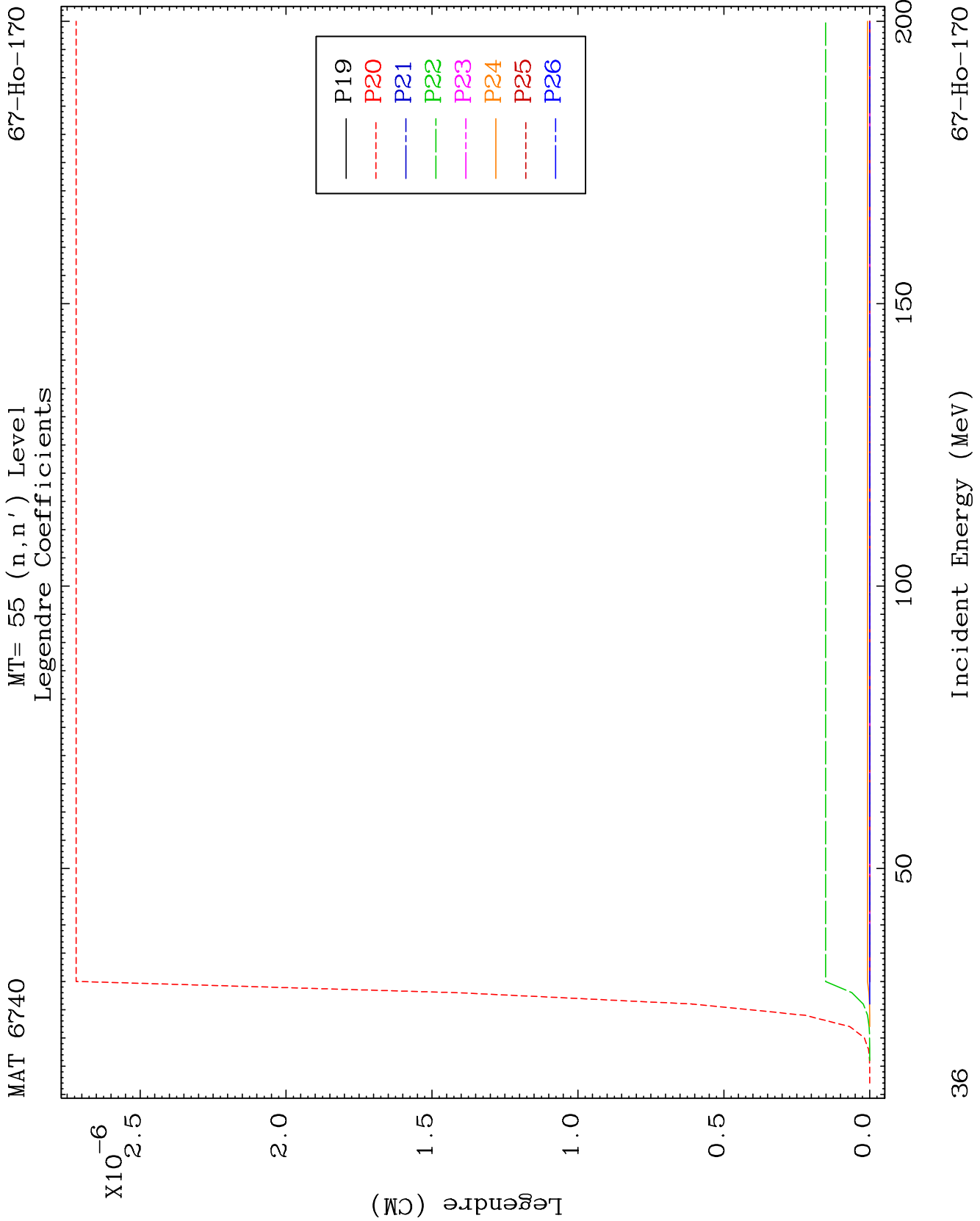
67-Ho-170



67-Ho-170

Incident Energy (MeV)

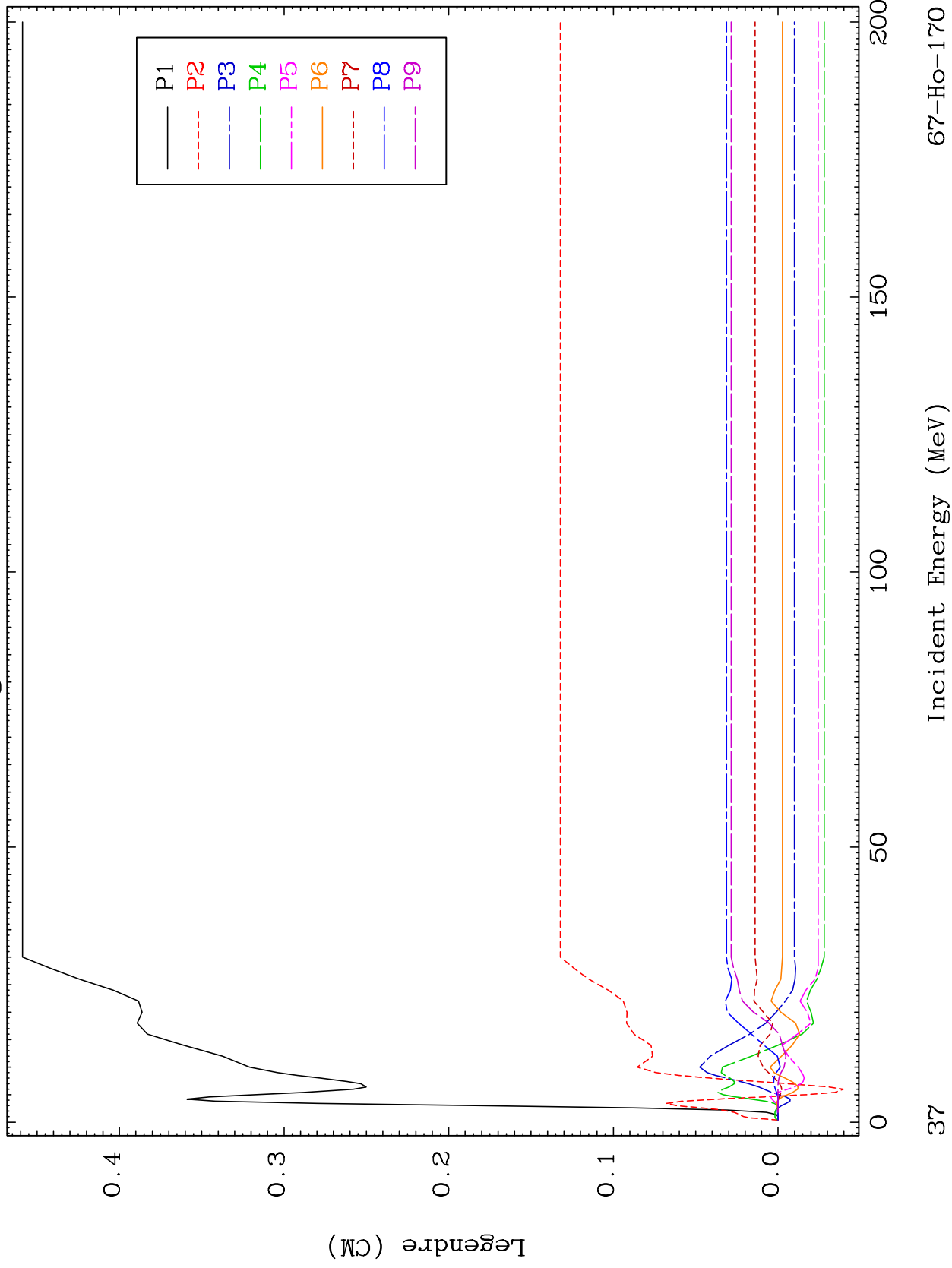
35



MAT 6740

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

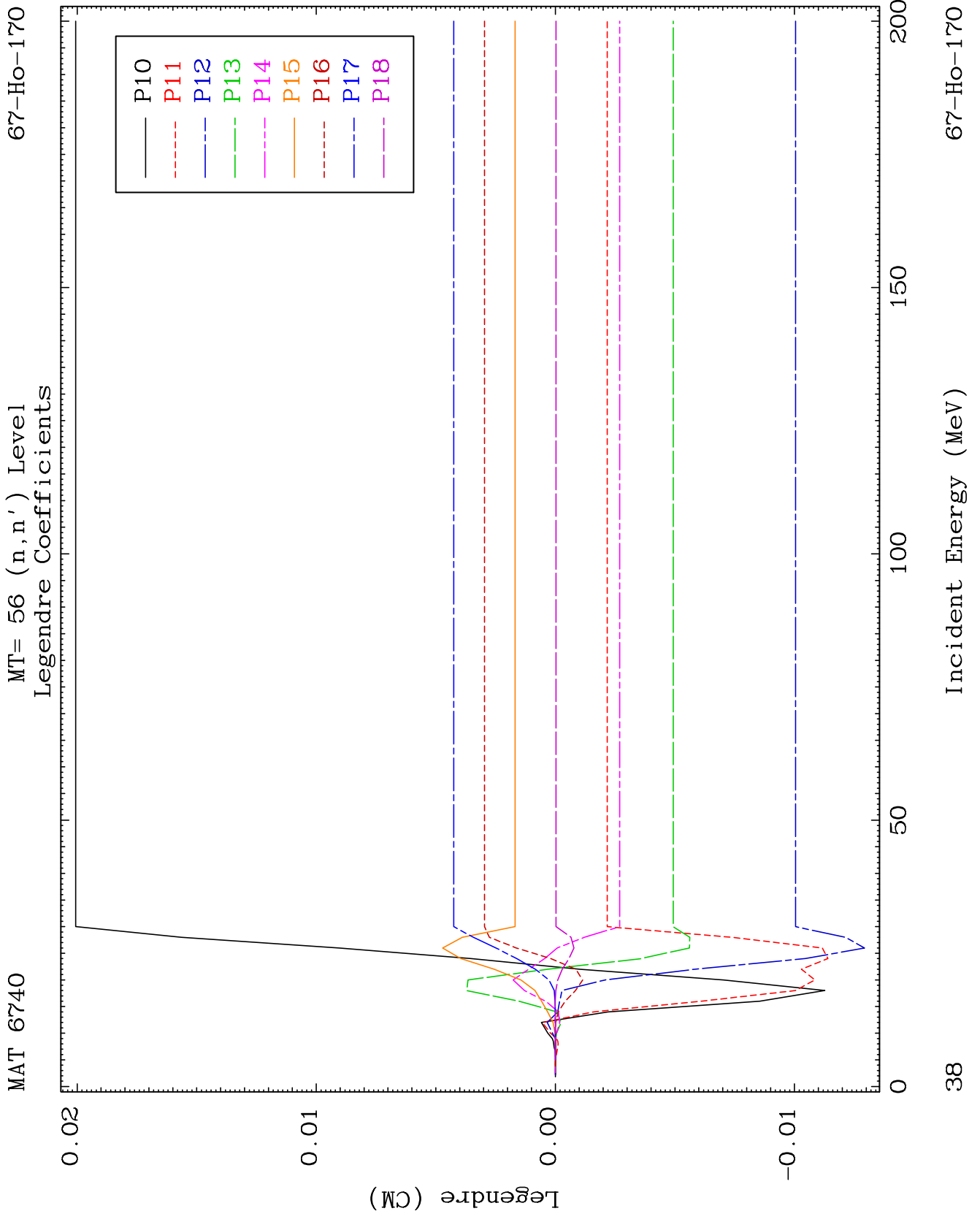
67-Ho-170



37

Incident Energy (MeV)

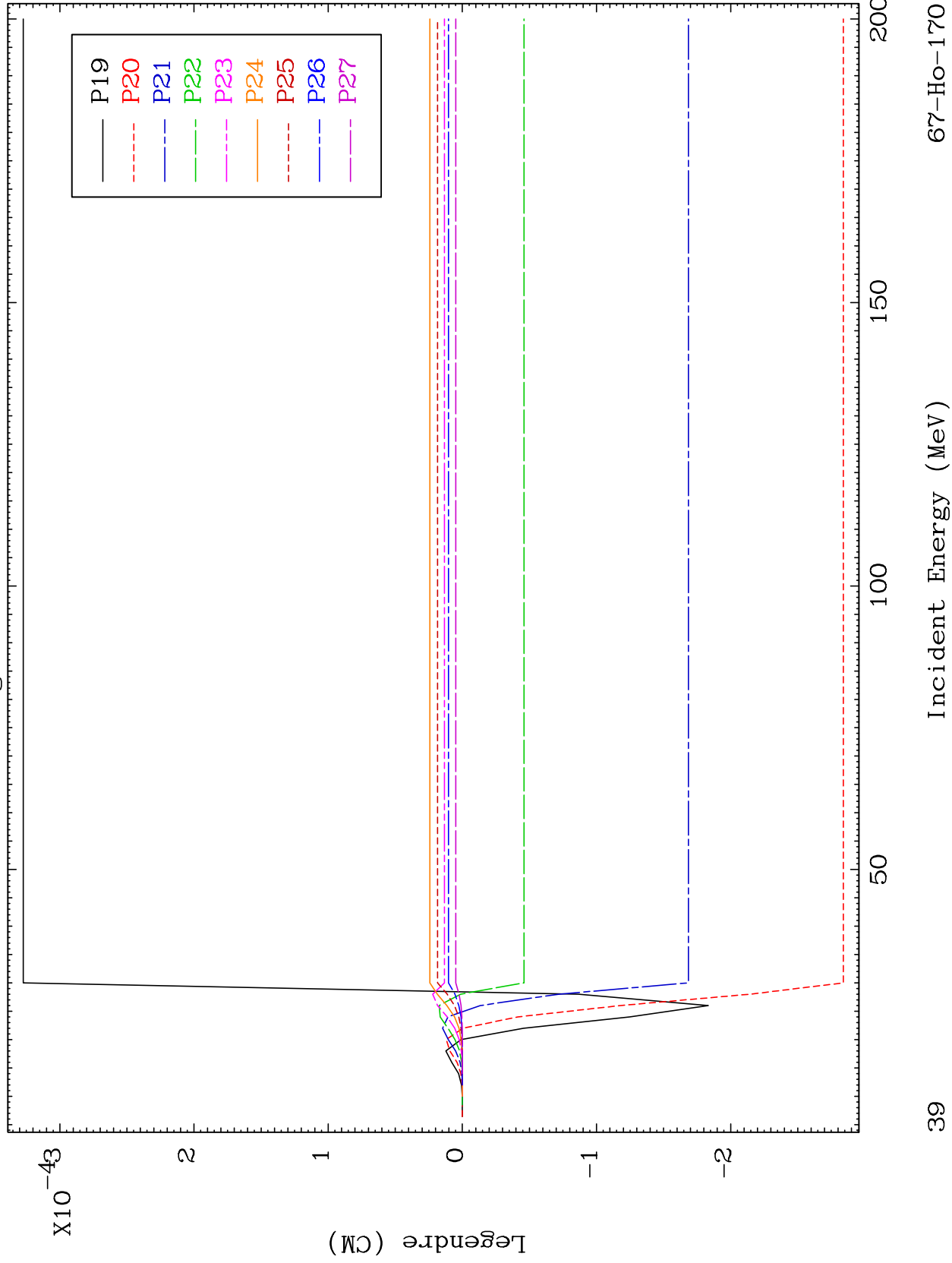
67-Ho-170



MAT 6740

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

67-Ho-170



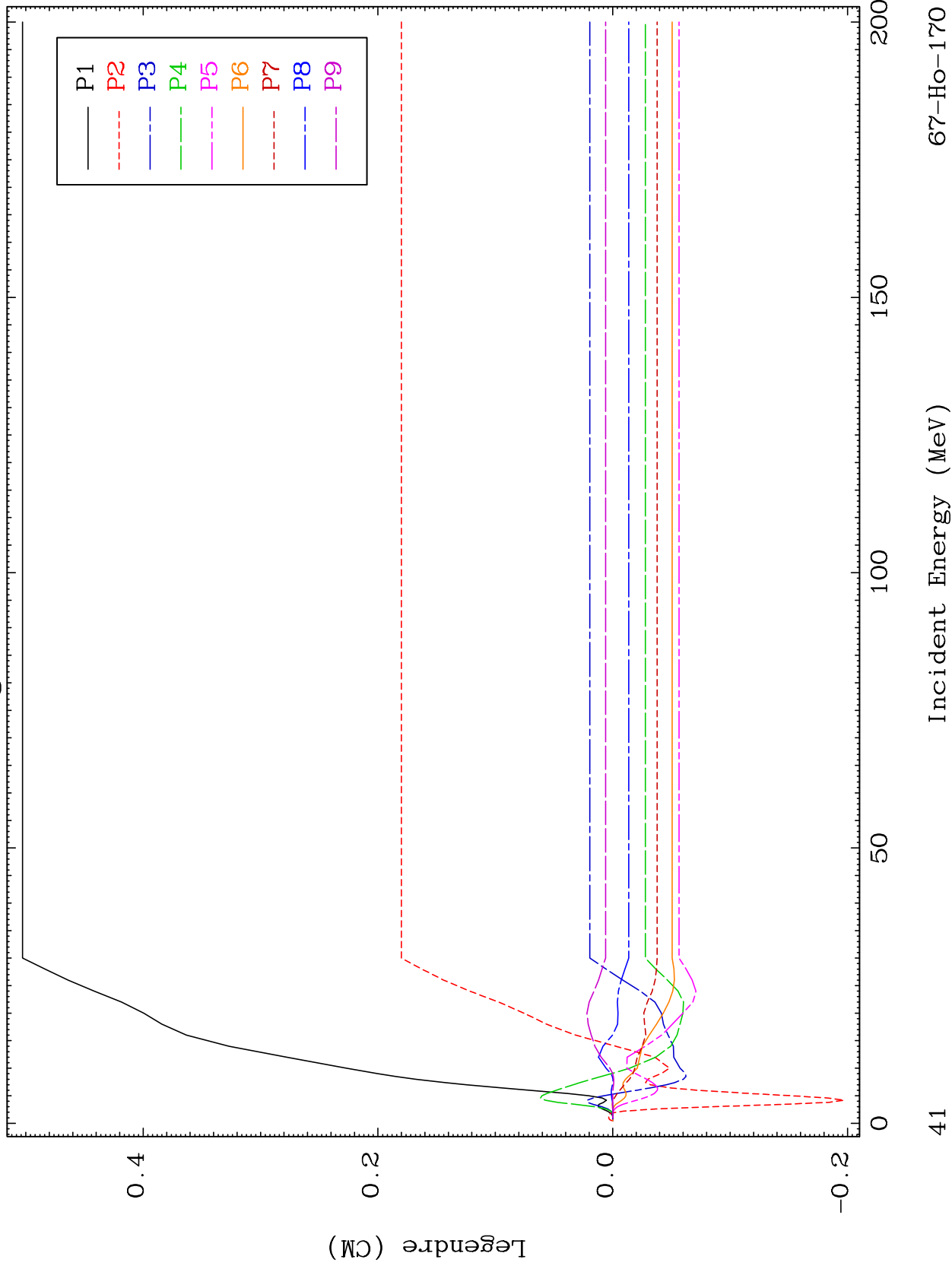
67-Ho-170

Incident Energy (MeV)

MAT 6740

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

67-Ho-170



41

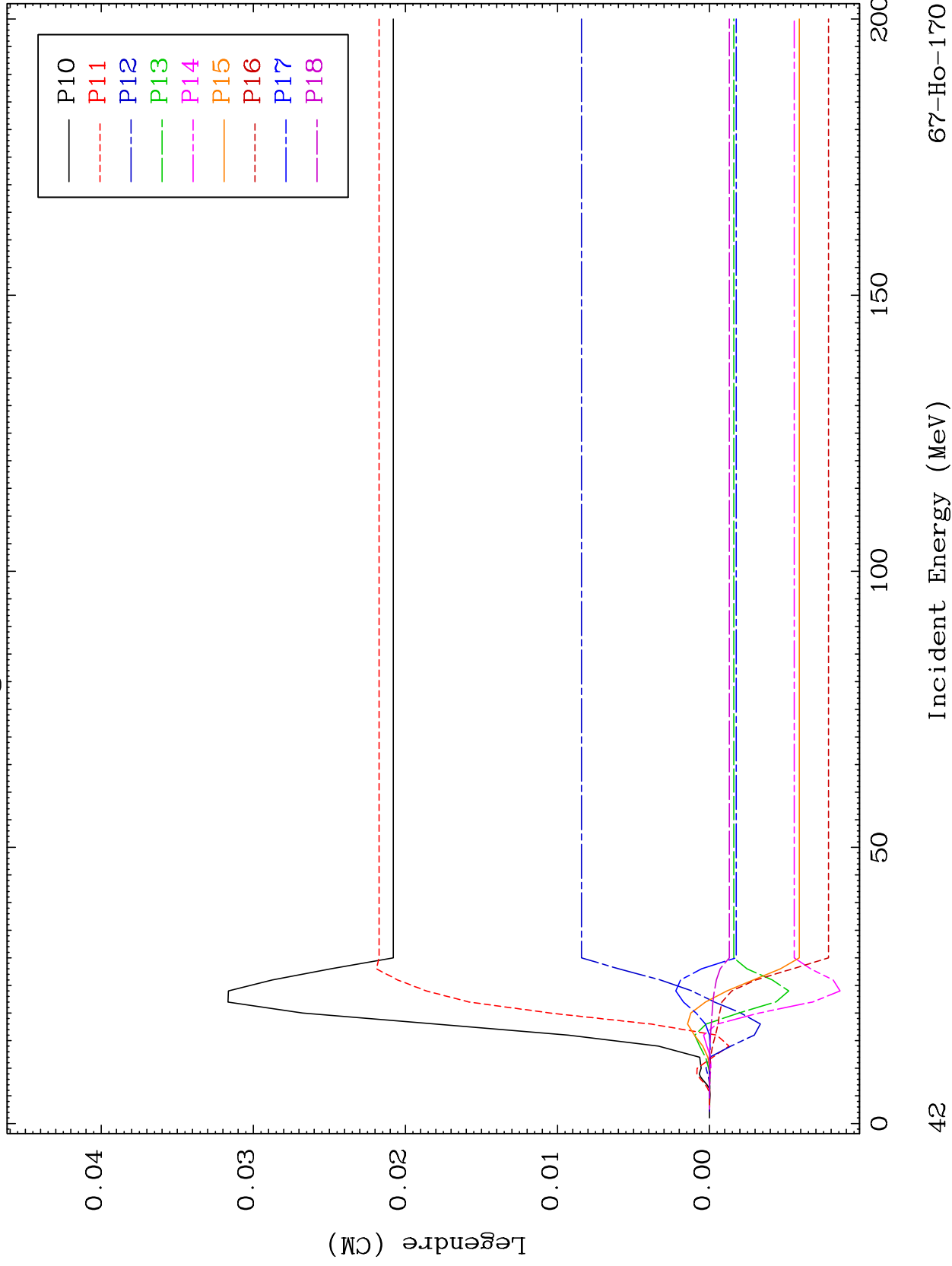
Incident Energy (MeV)

67-Ho-170

MAT 6740

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

67-Ho-170



42

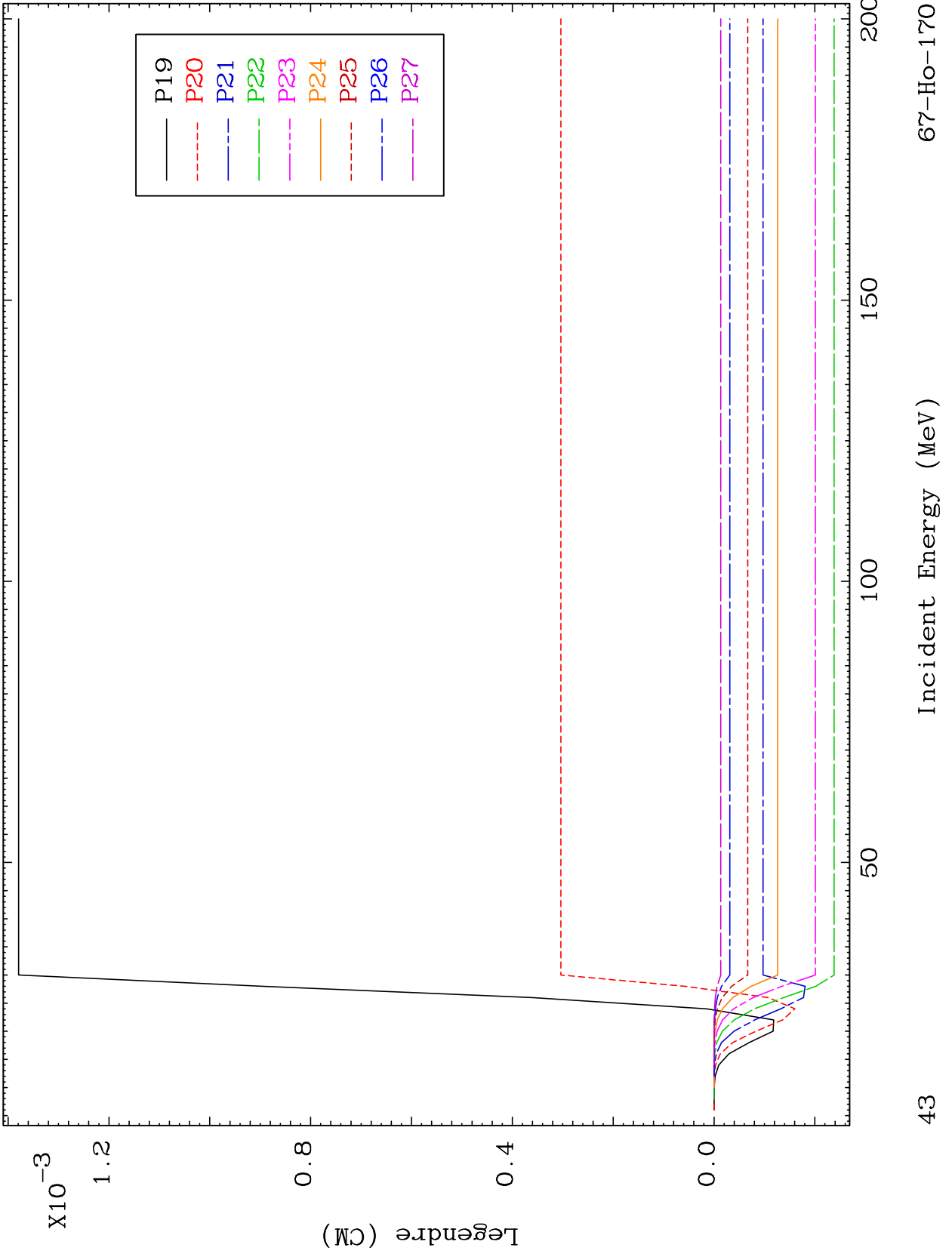
Incident Energy (MeV)

67-Ho-170

MAT 6740

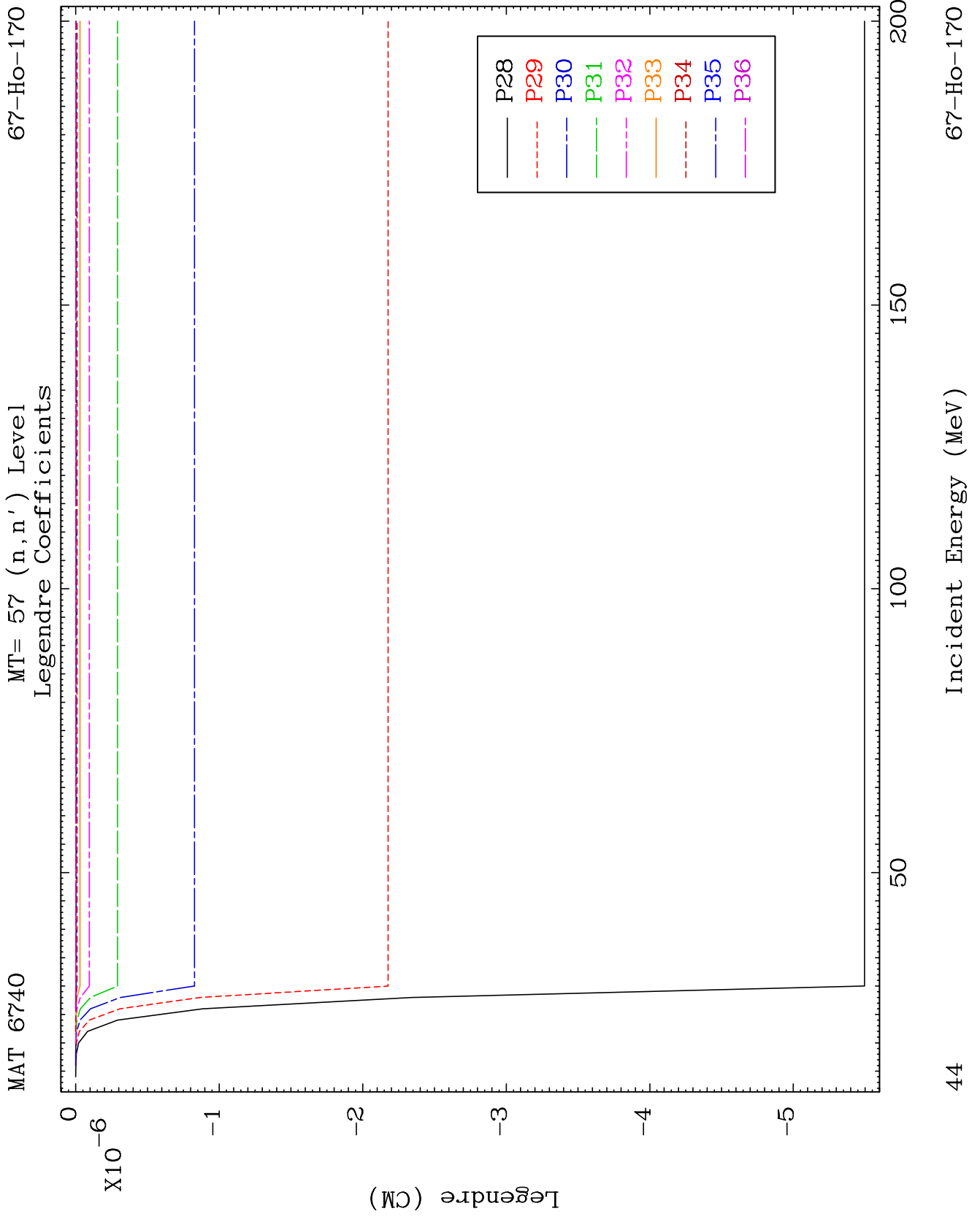
MT= 57 (n,n') Level
Legendre Coefficients

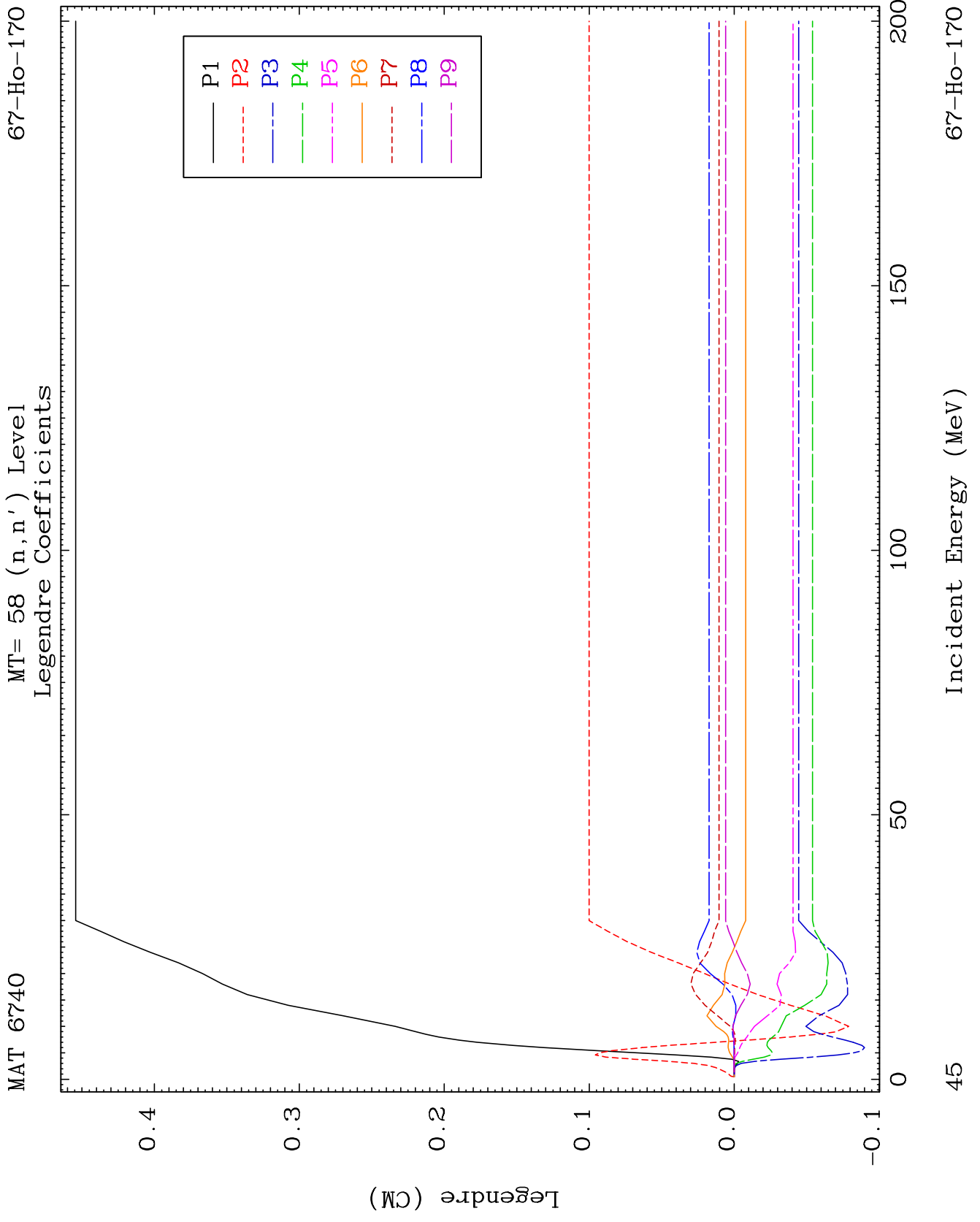
67-Ho-170



43

67-Ho-170

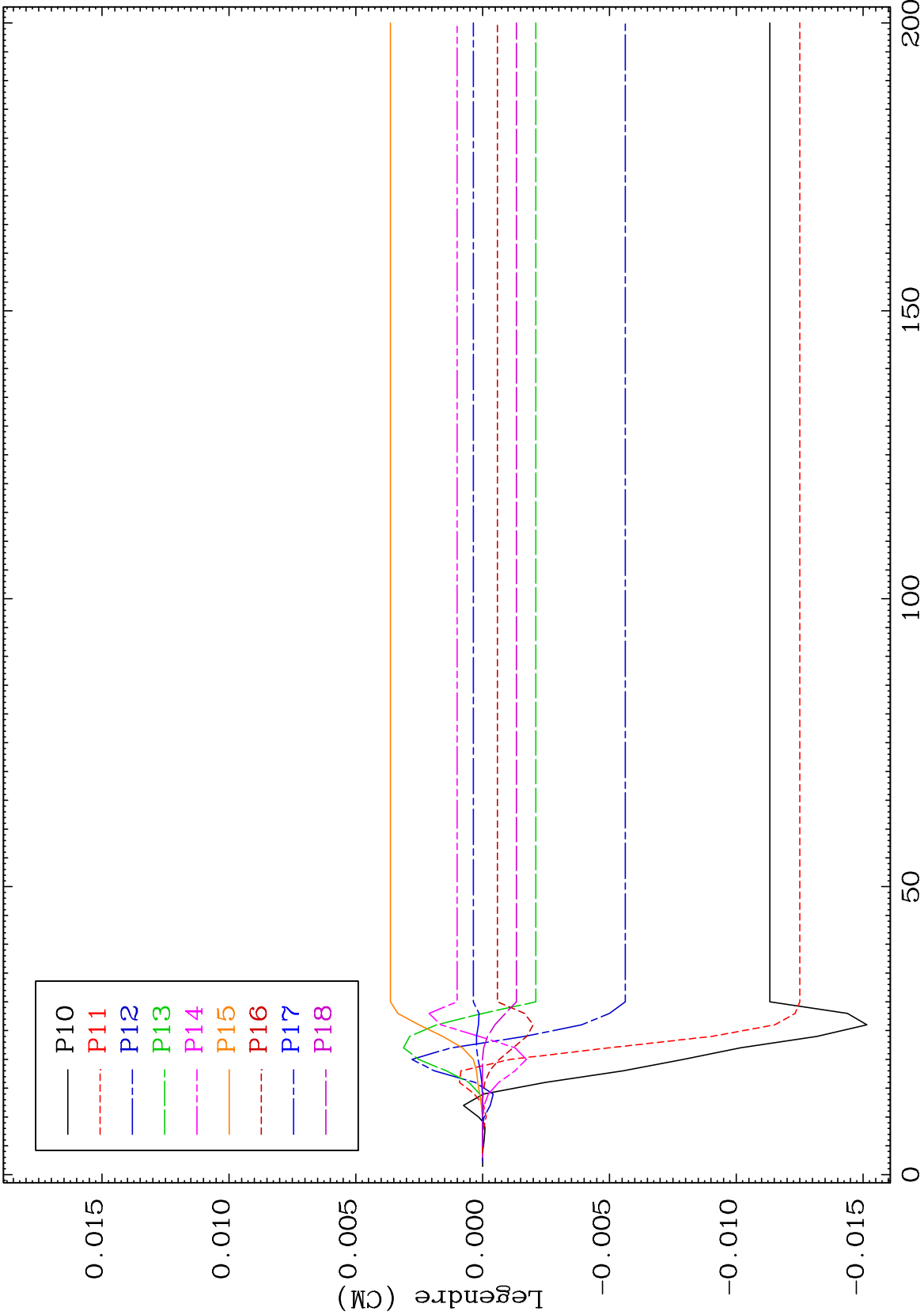




MAT 6740

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

67-Ho-170



46

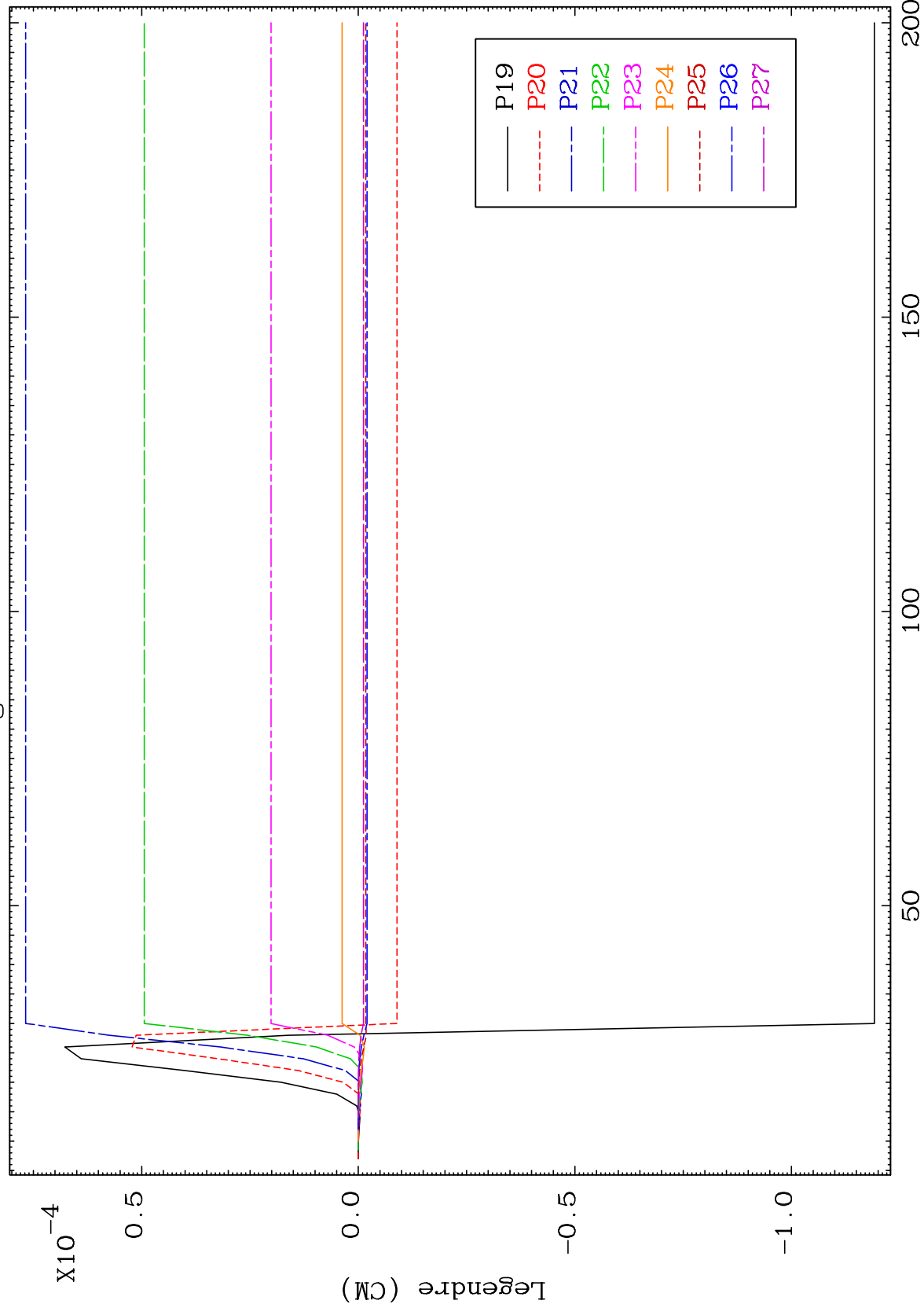
Incident Energy (MeV)

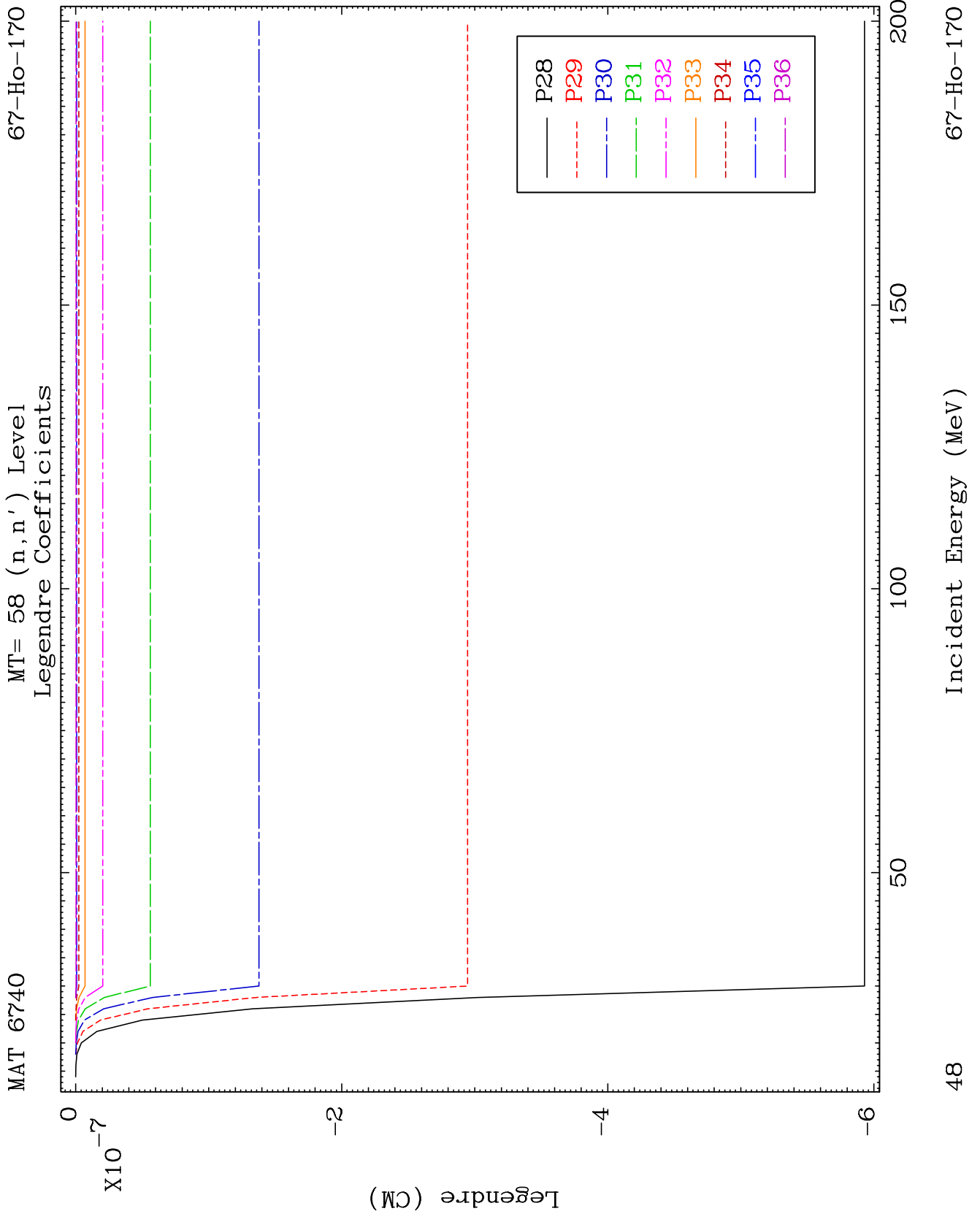
67-Ho-170

MAT 6740

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

67-Ho-170

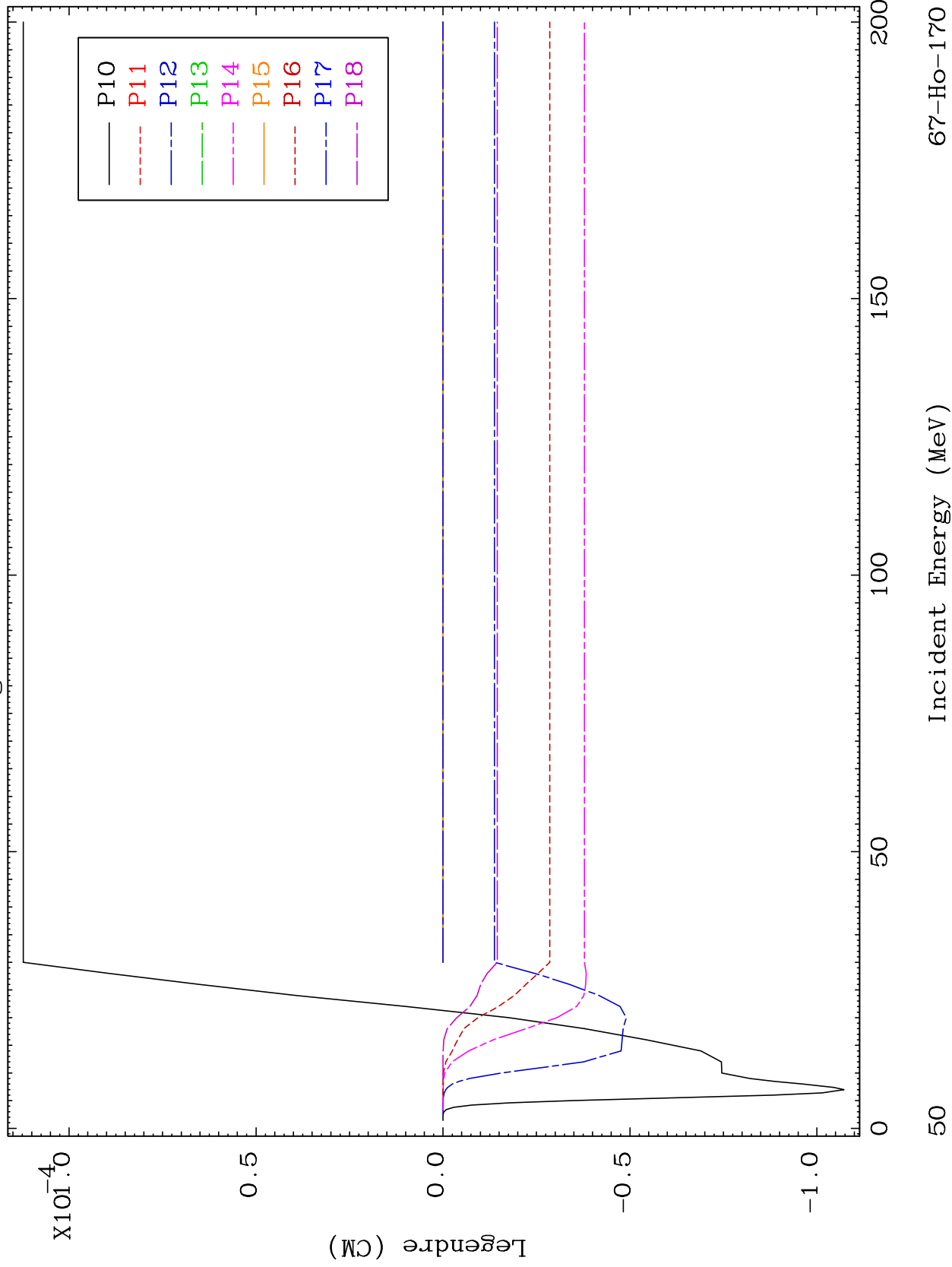




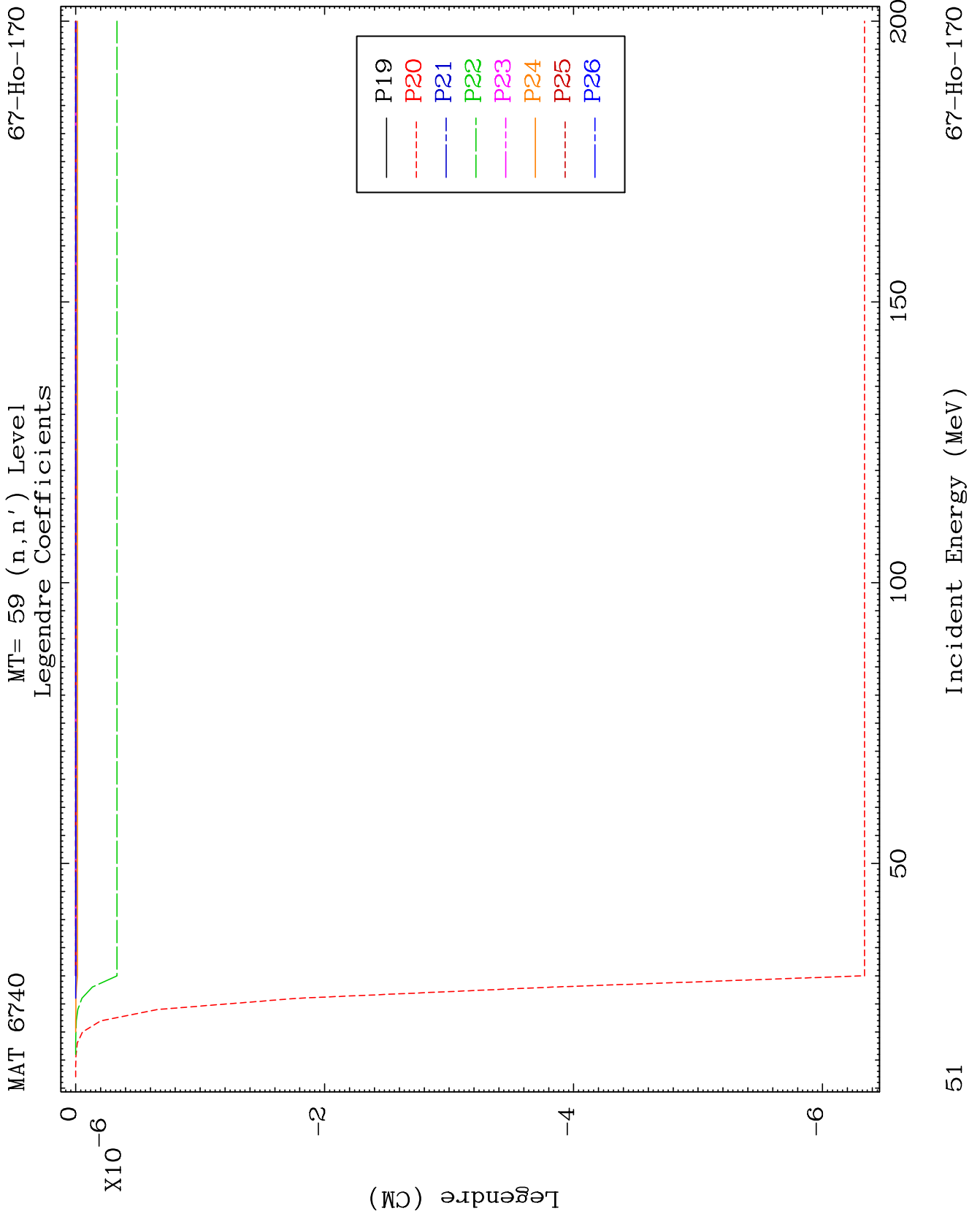
MAT 6740

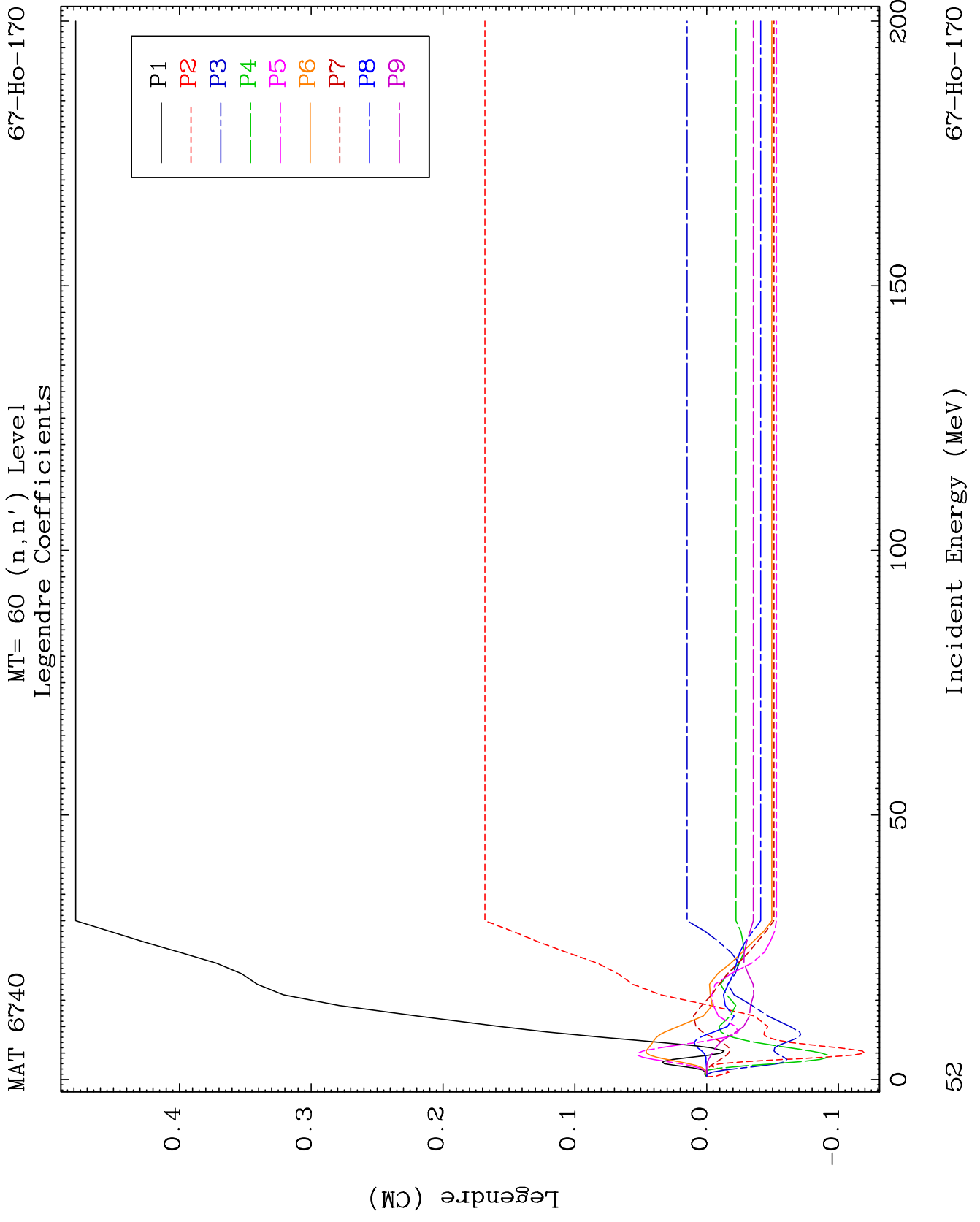
MT= 59 (n,n') Level
Legendre Coefficients

67-Ho-170



67-Ho-170

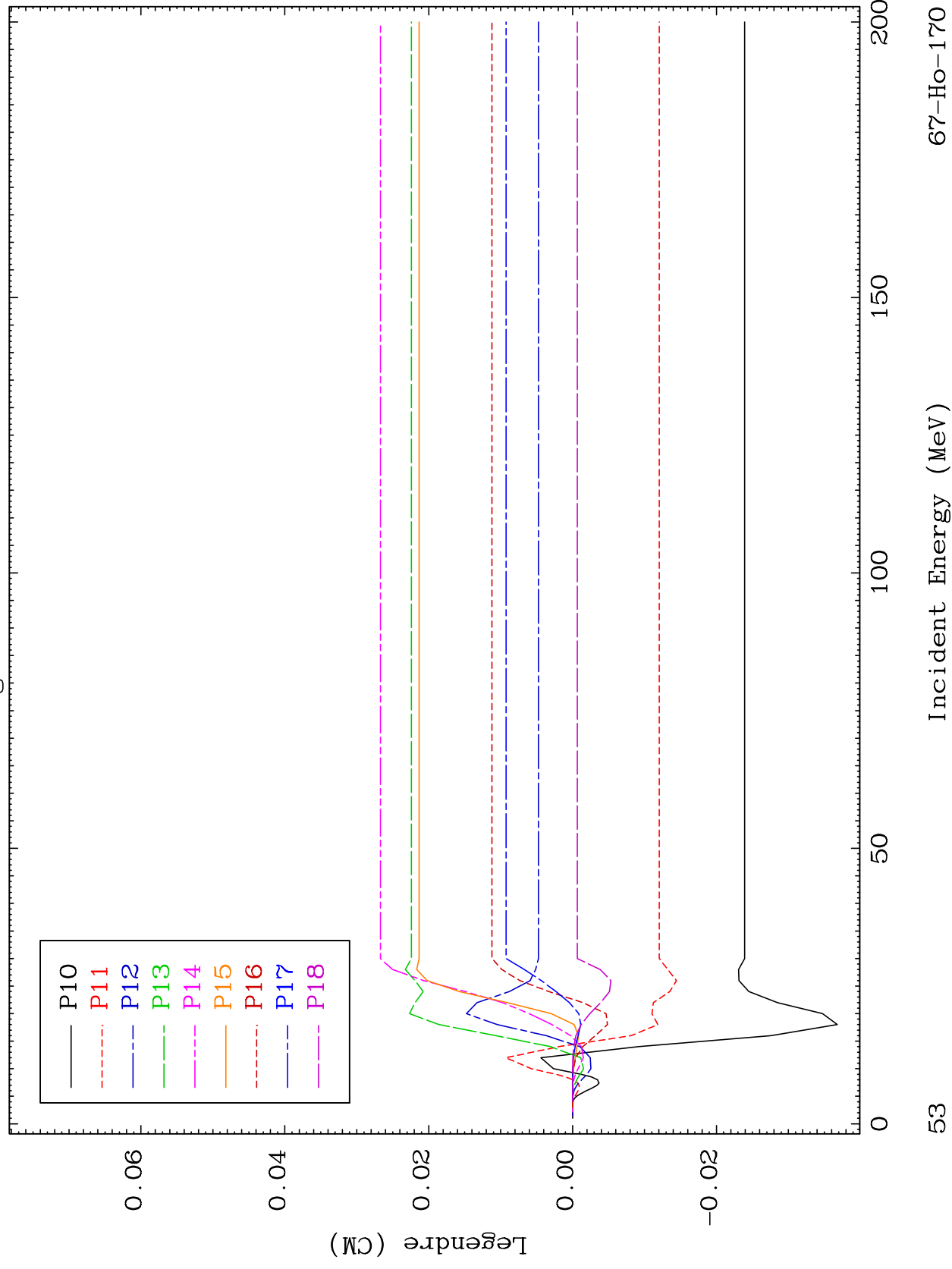




MAT 6740

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

67-Ho-170



53

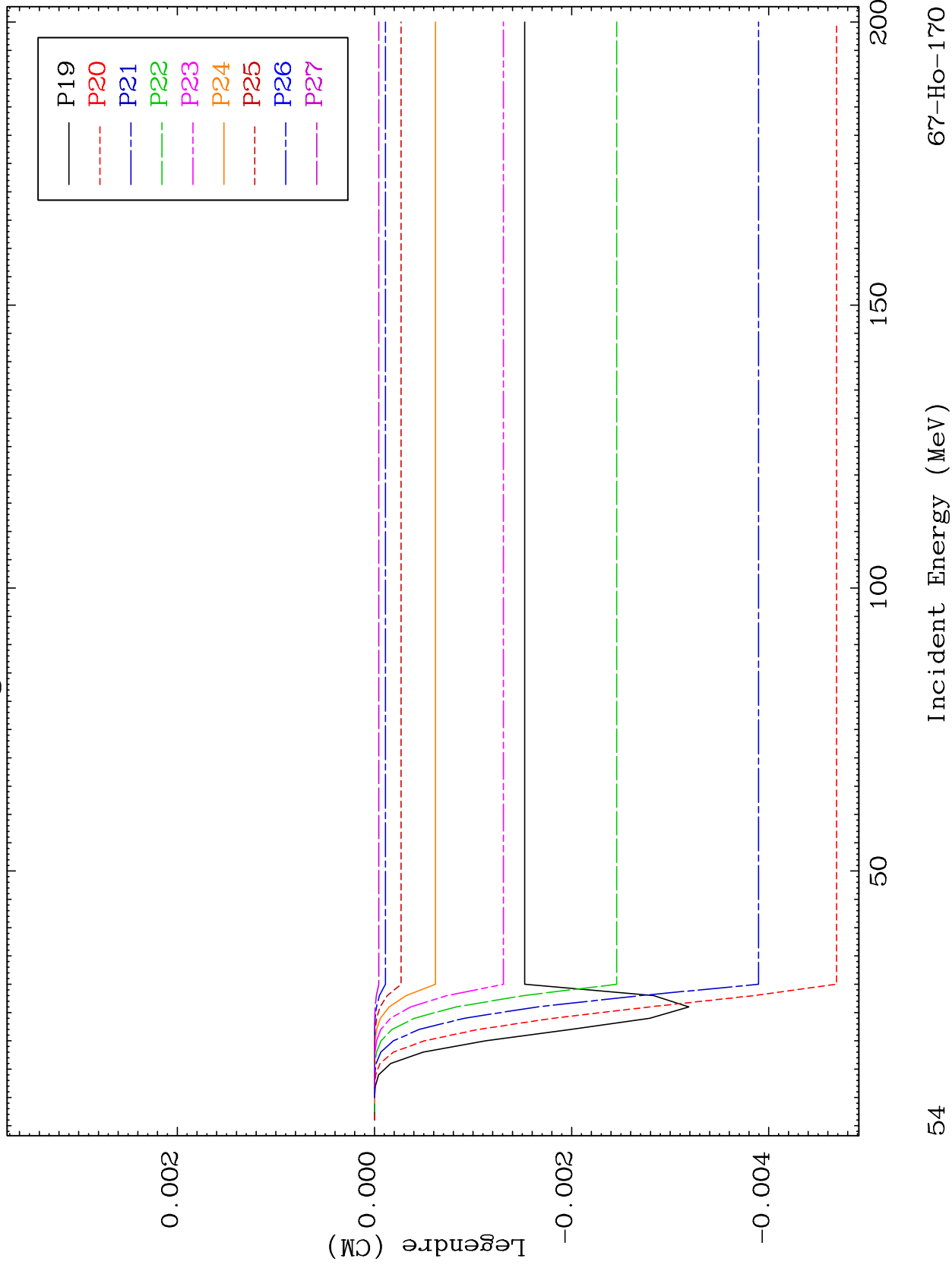
Incident Energy (MeV)

67-Ho-170

MAT 6740

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

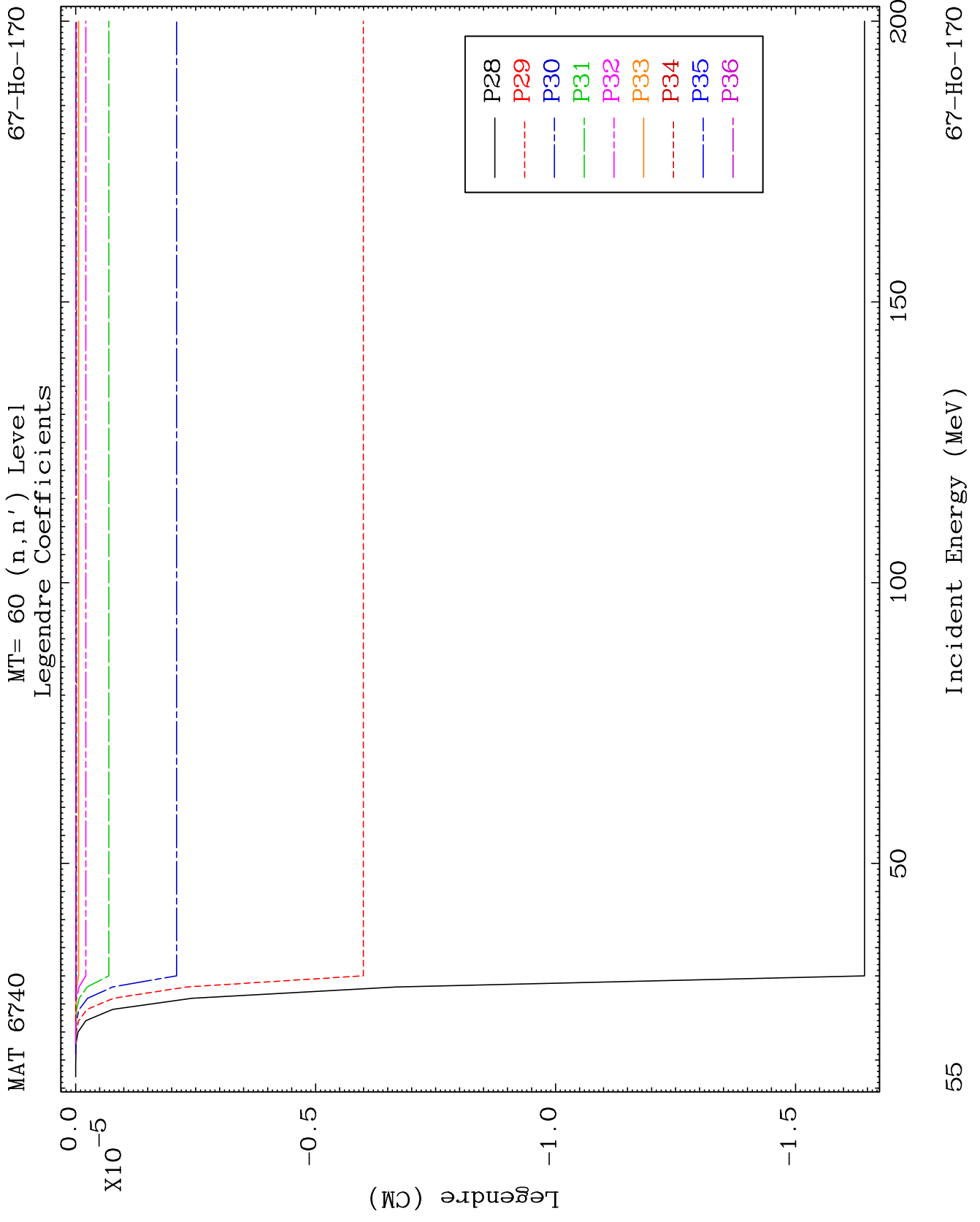
67-Ho-170



54

Incident Energy (MeV)

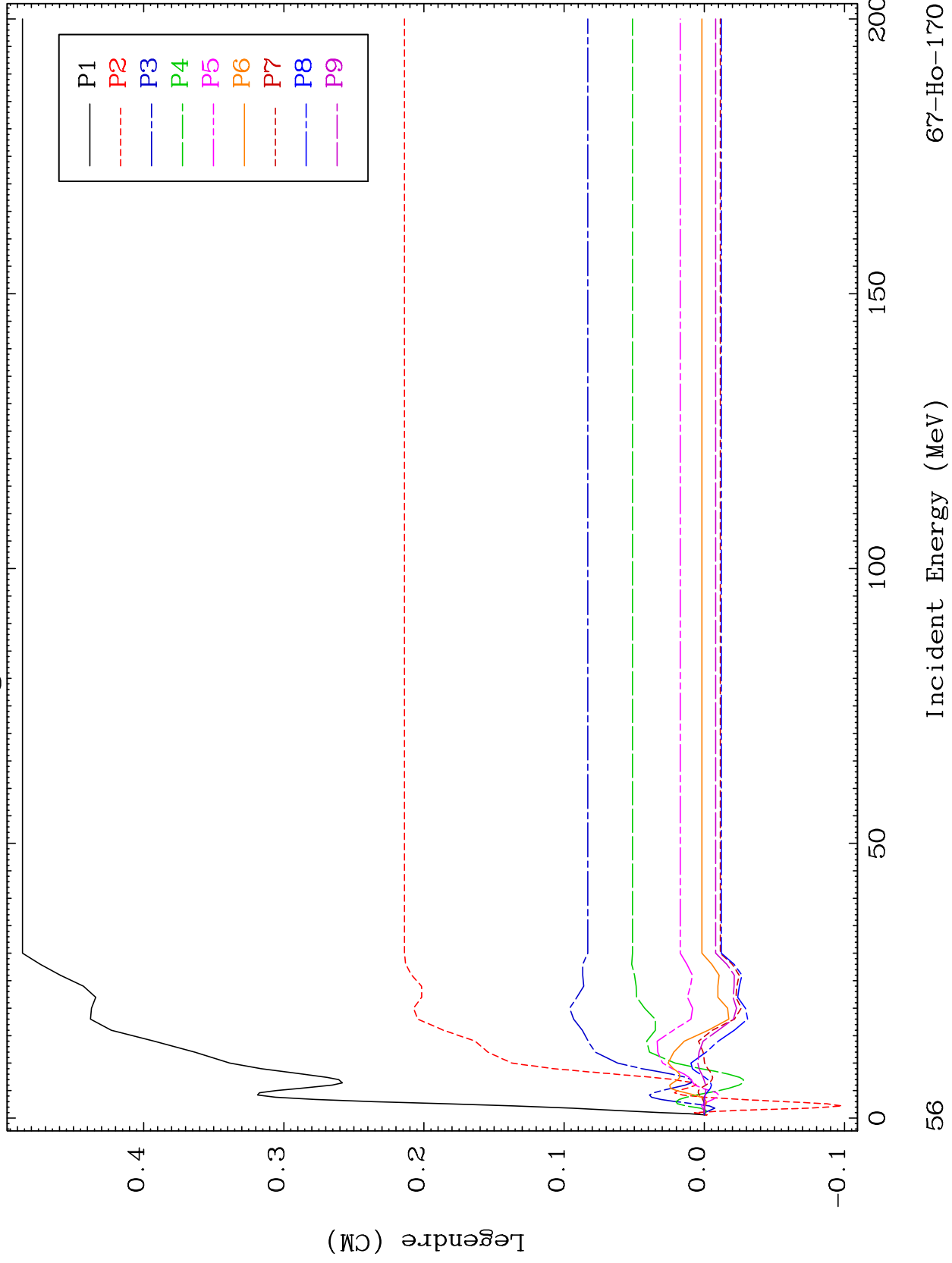
67-Ho-170



MAT 6740

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

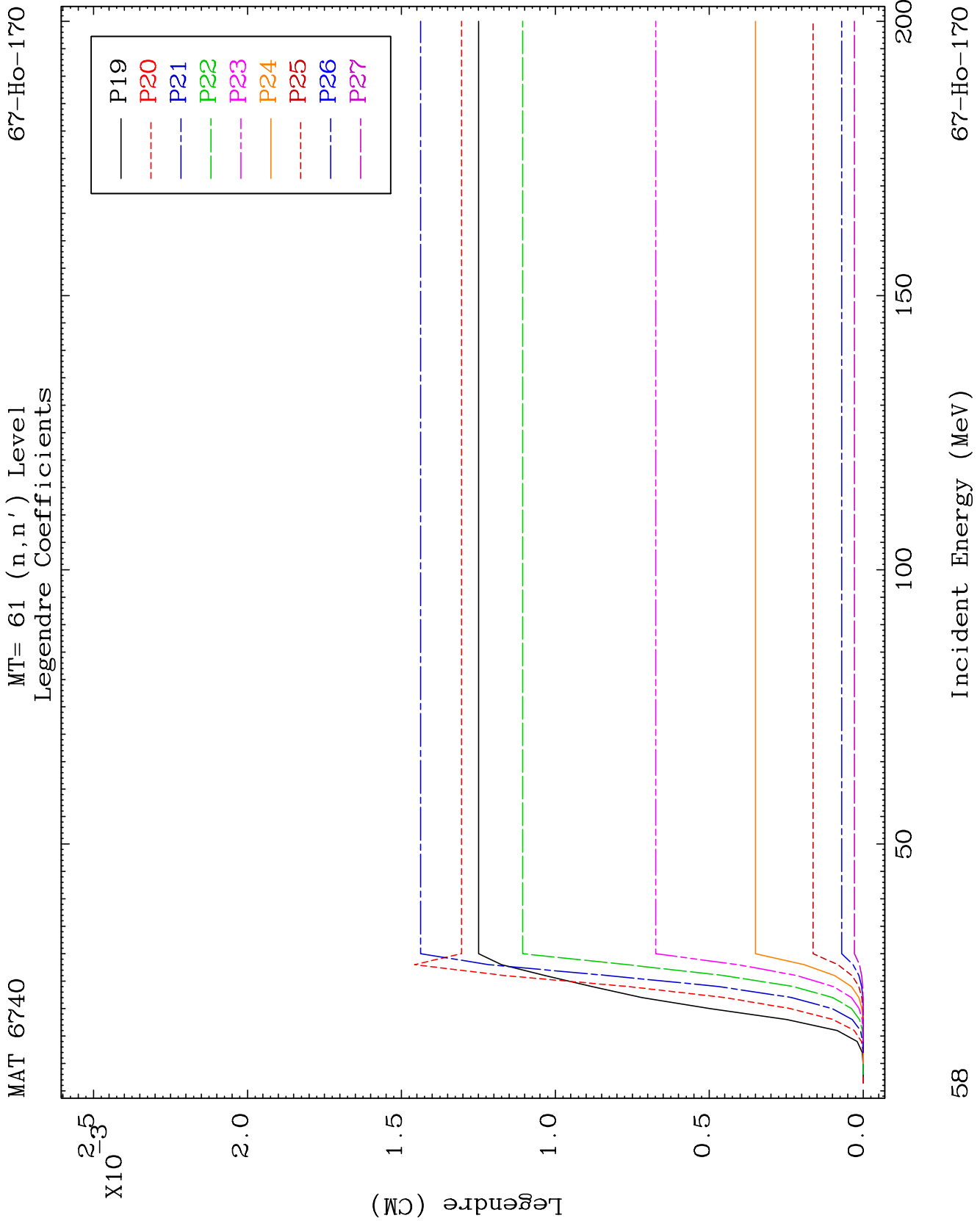
67-Ho-170

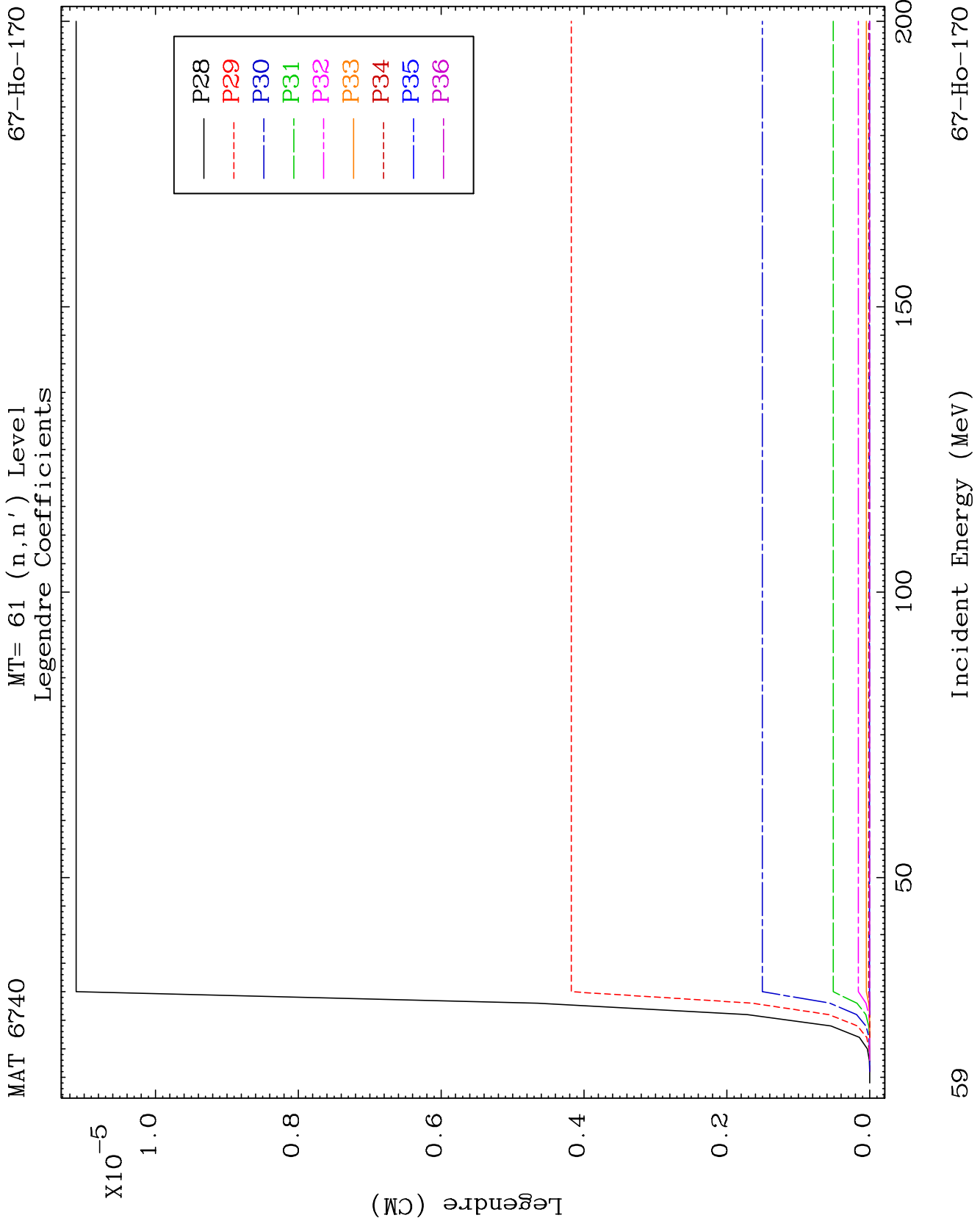


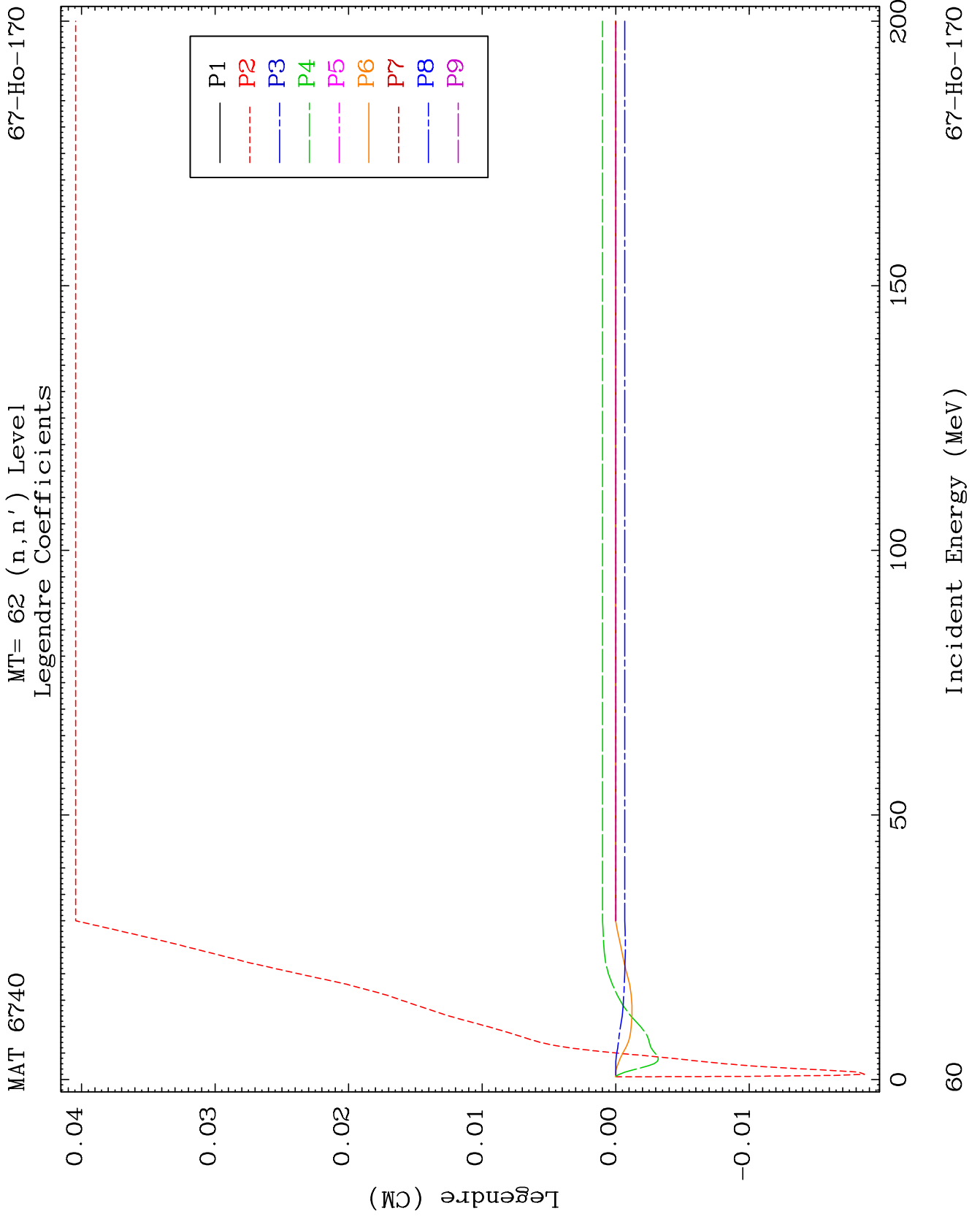
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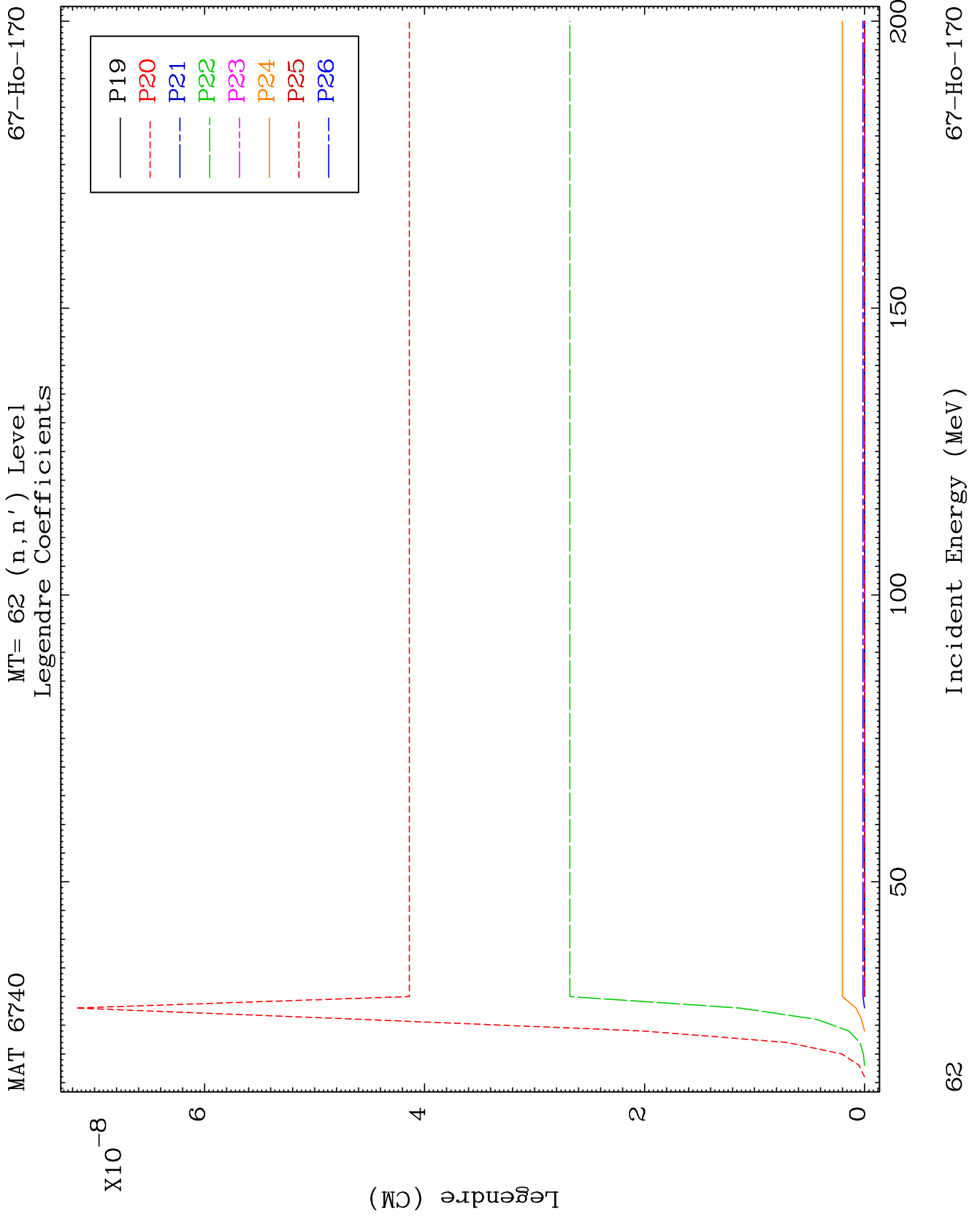
Incident Energy (MeV)

67-Ho-170





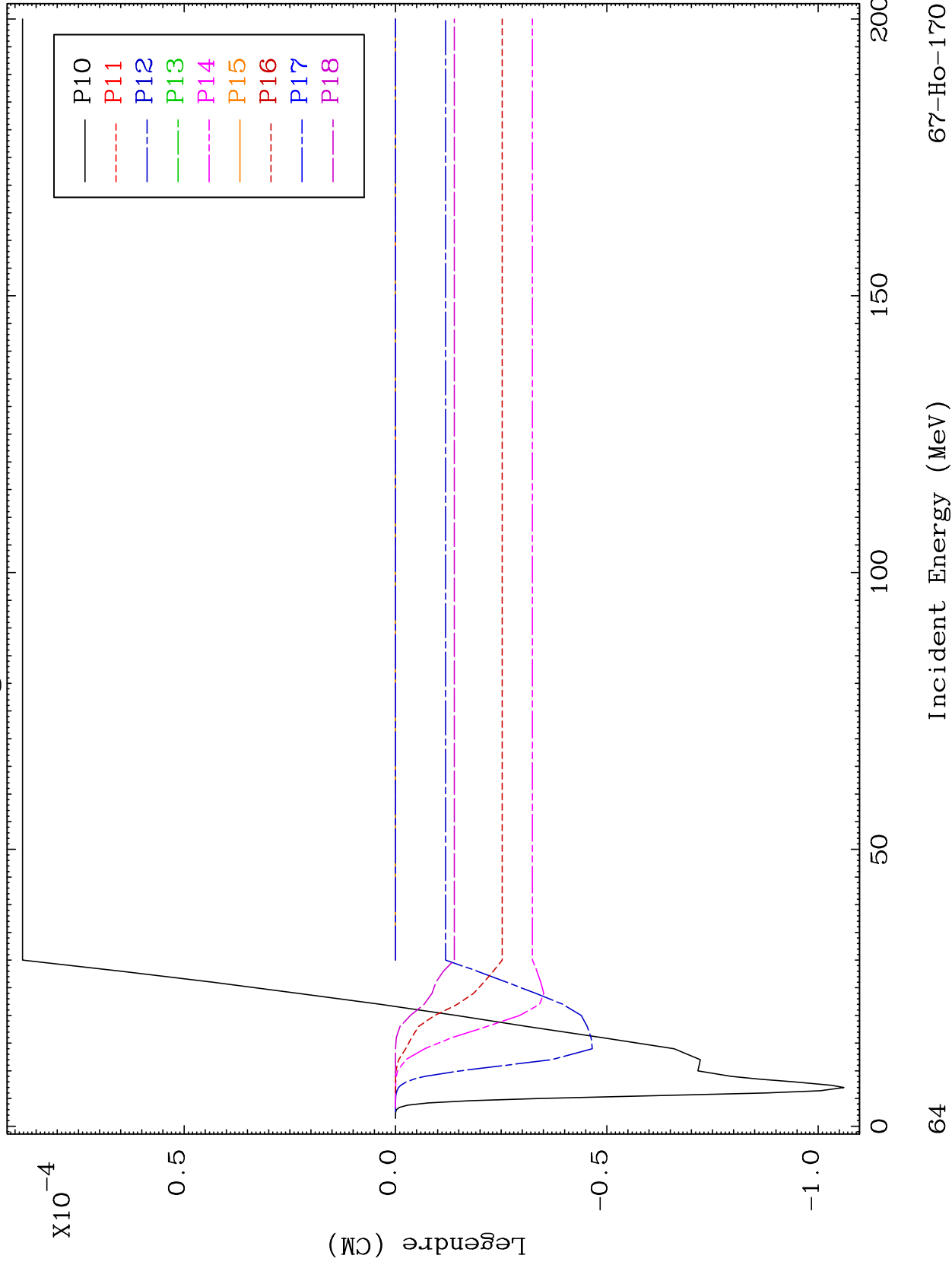




MAT 6740

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

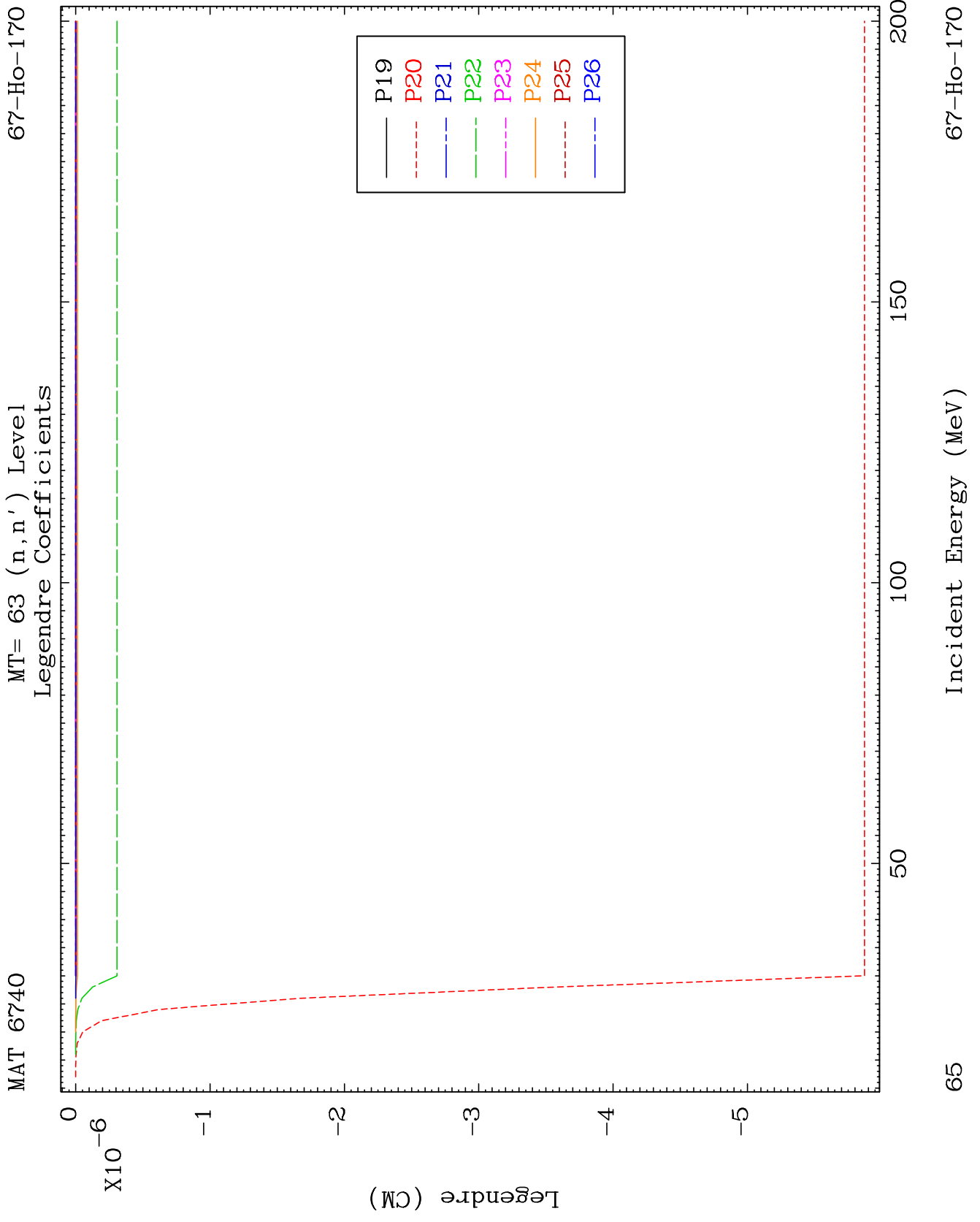
67-Ho-170

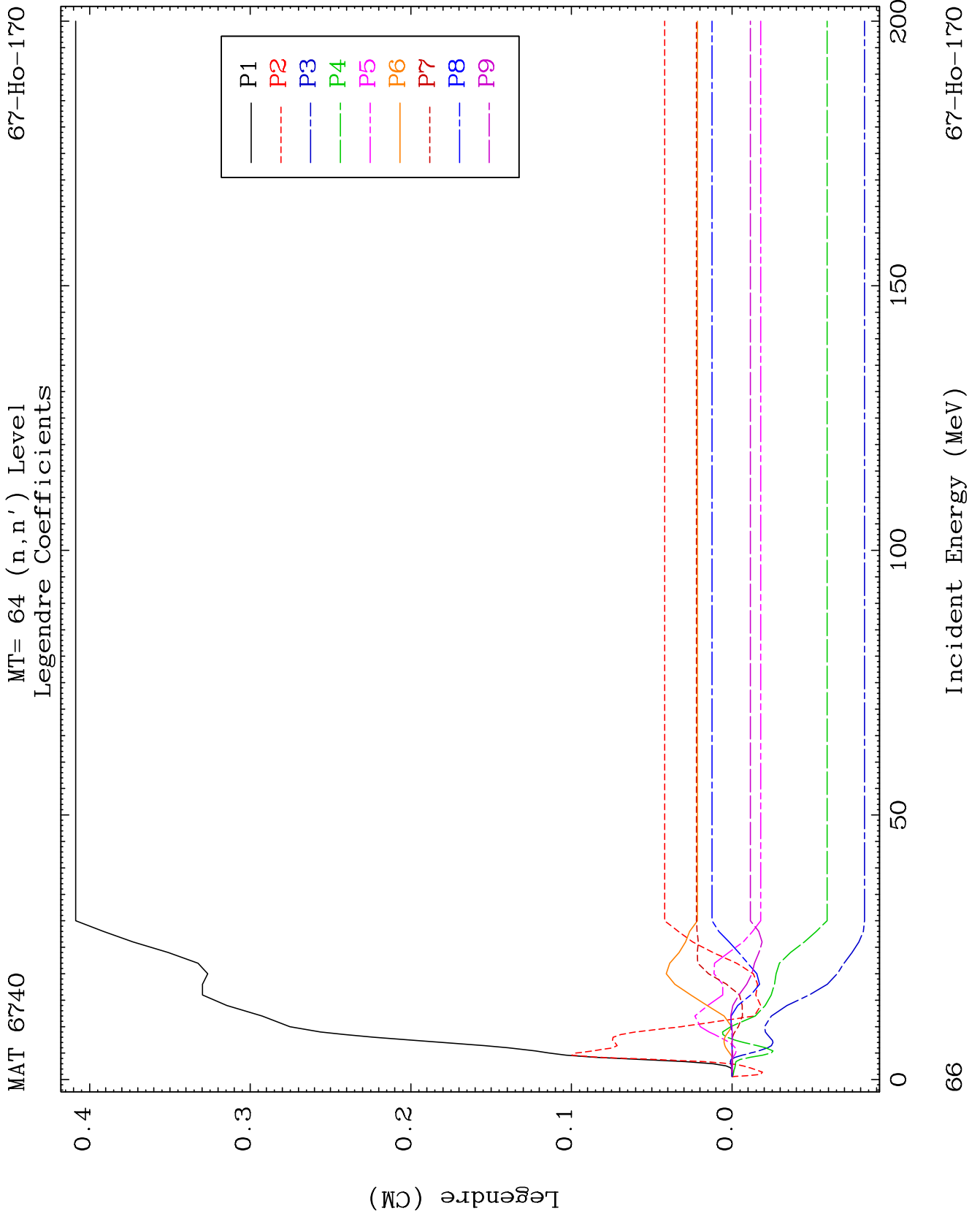


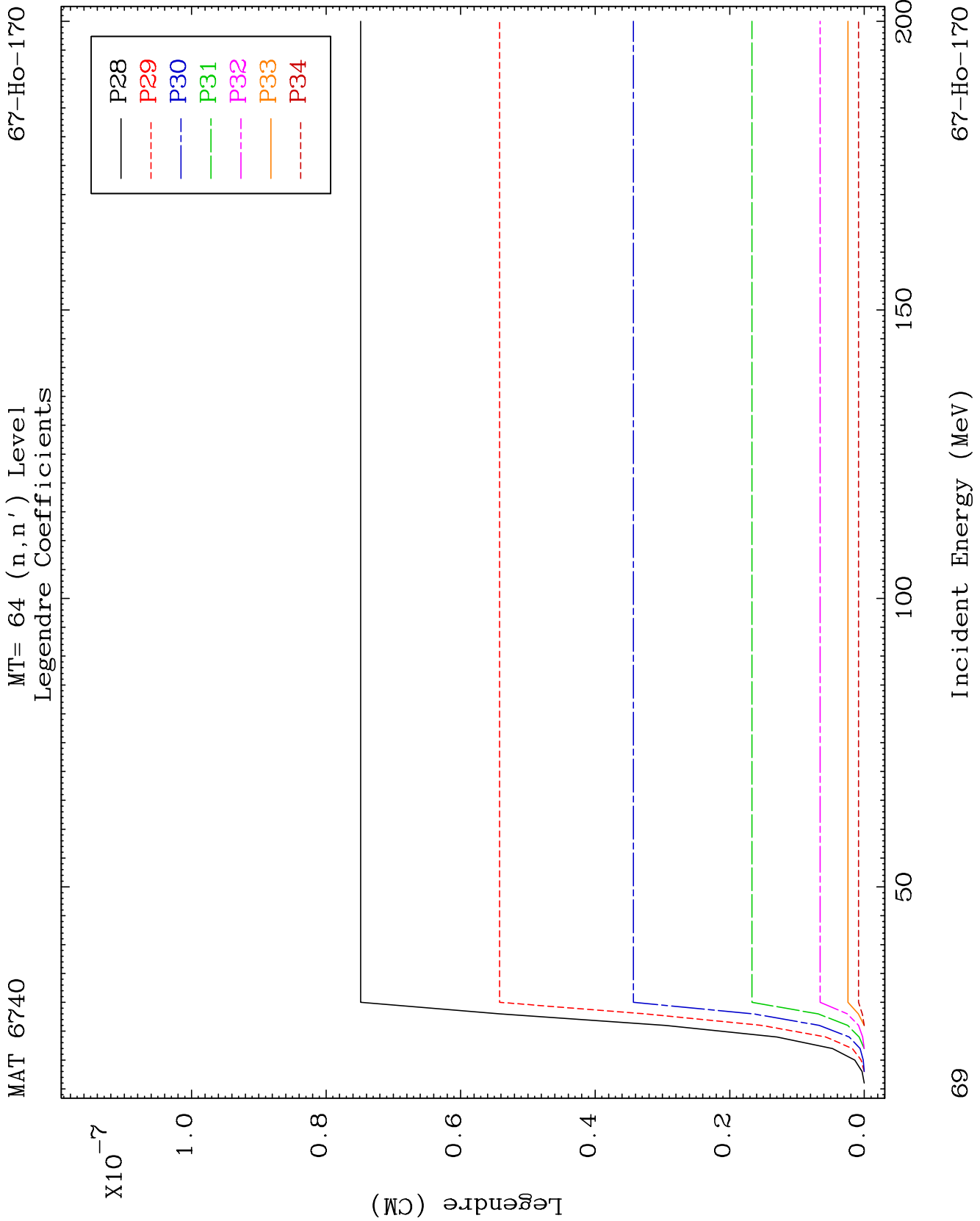
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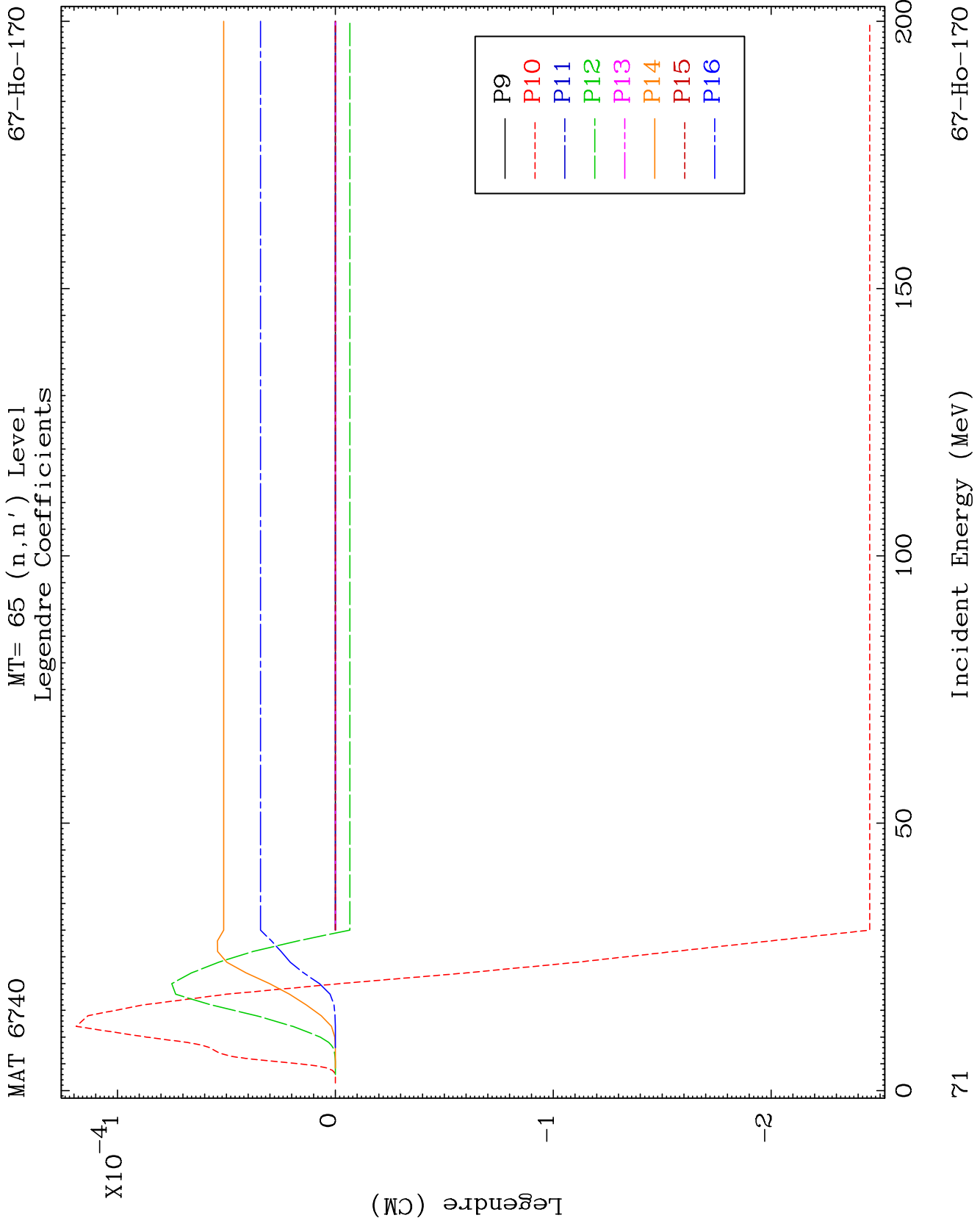
Incident Energy (MeV)

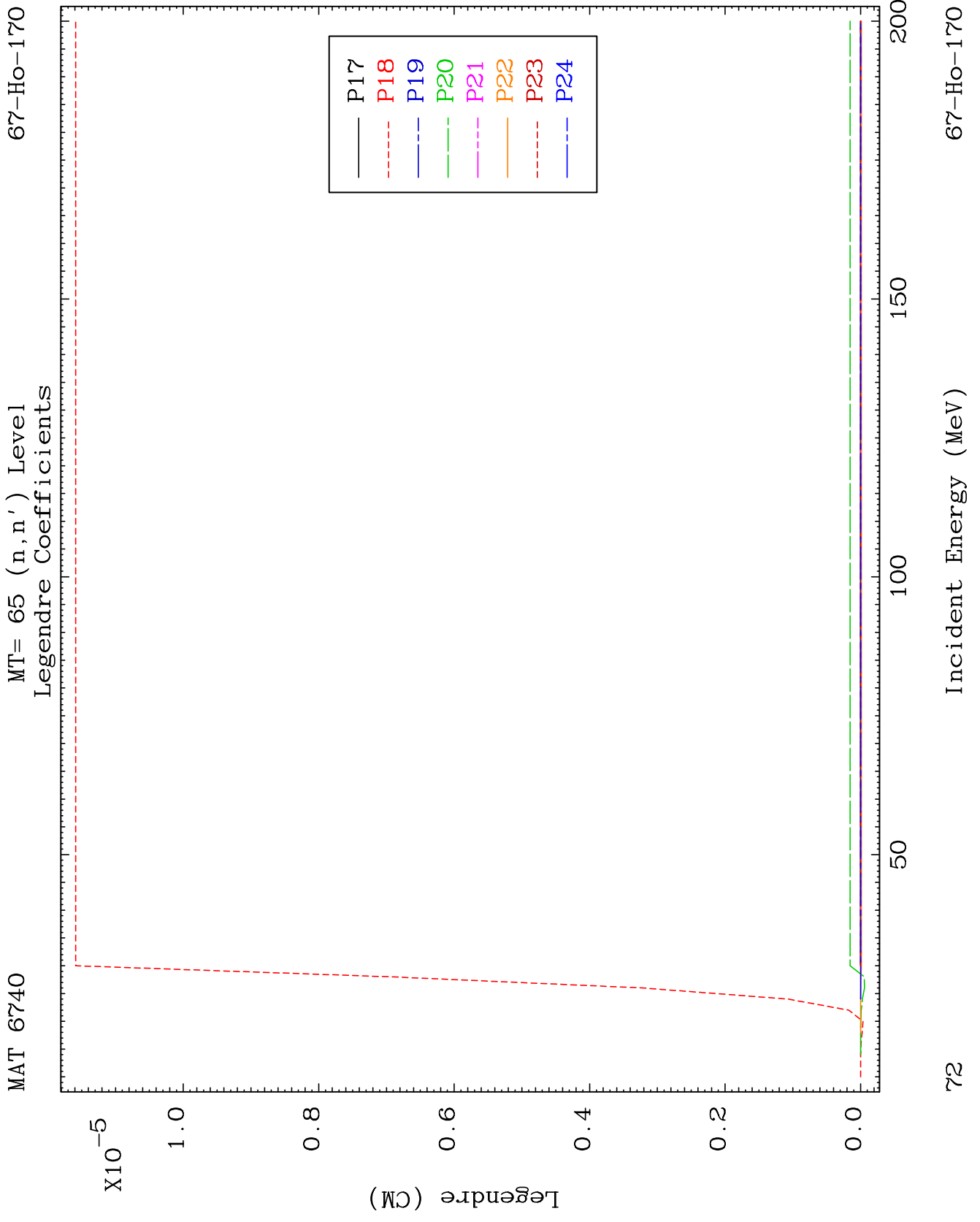
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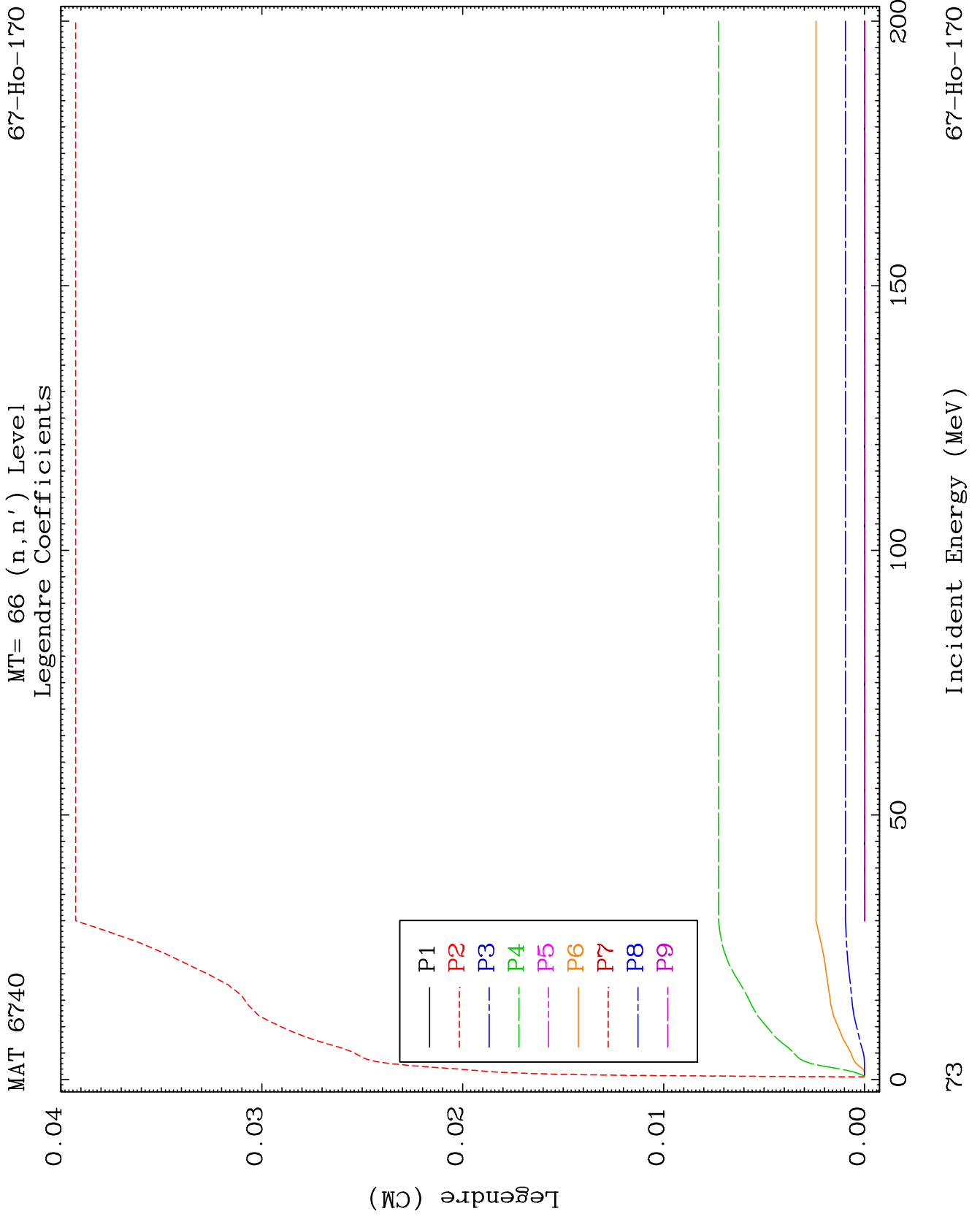








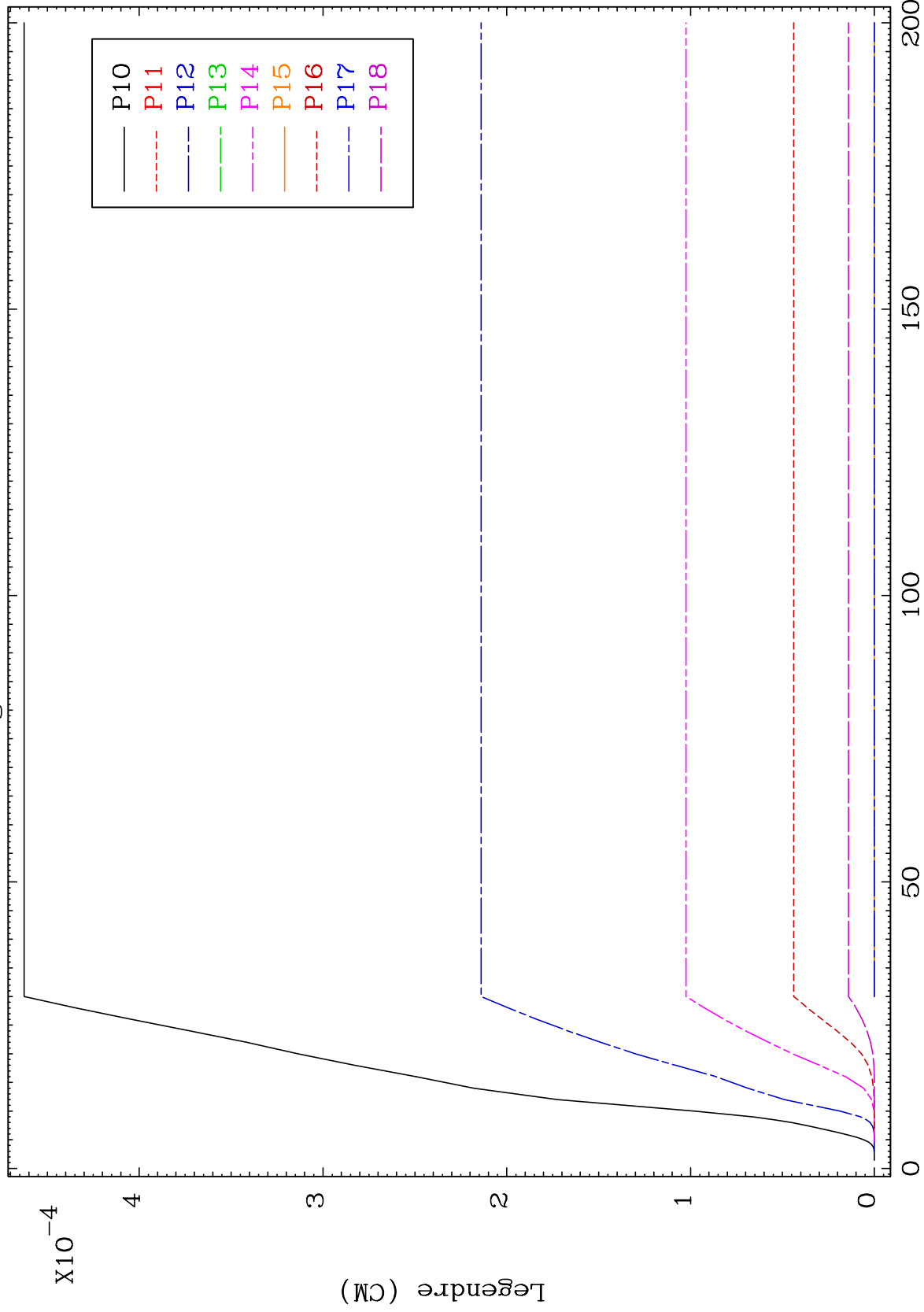




MAT 6740

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

67-Ho-170



74

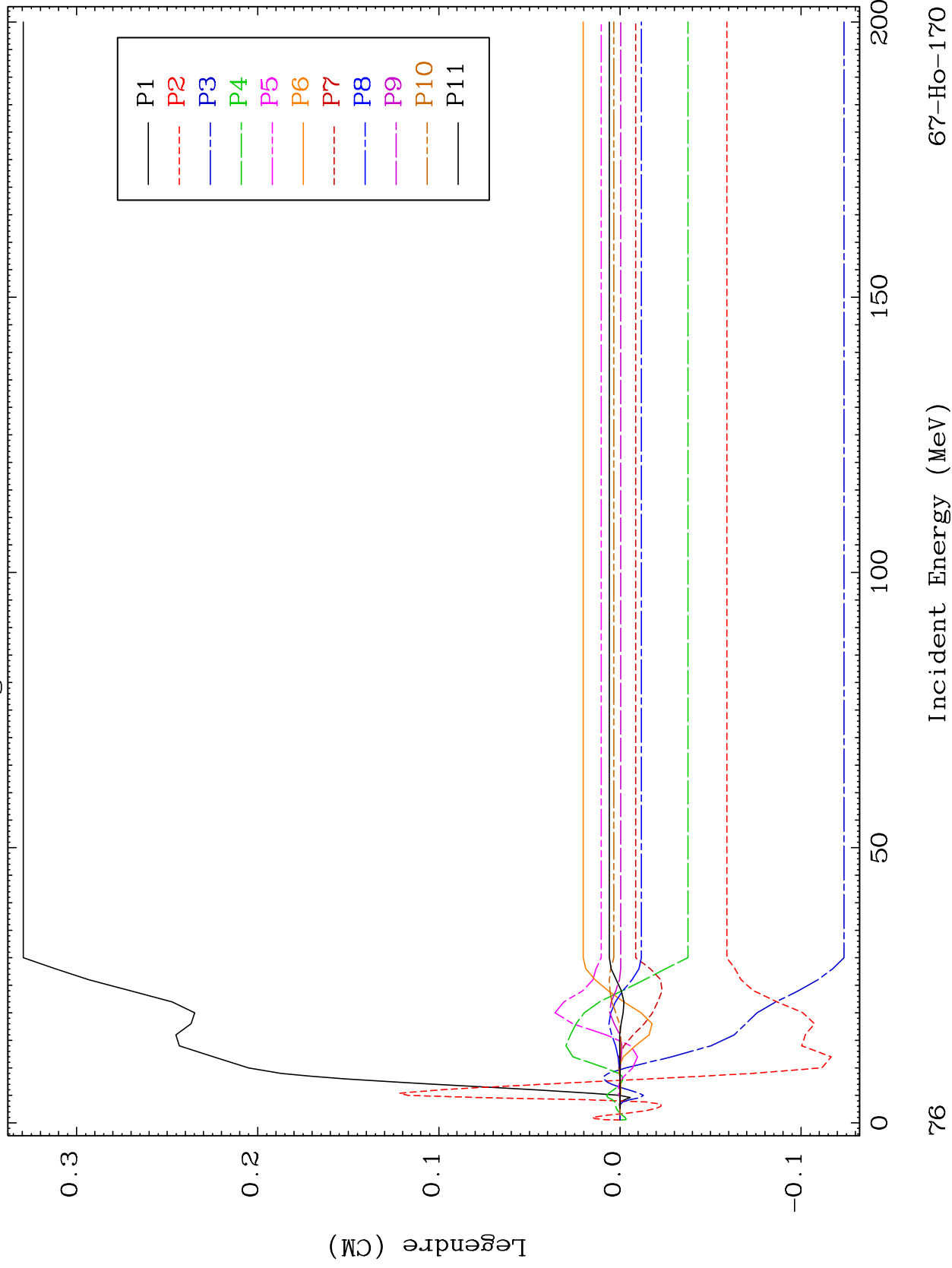
Incident Energy (MeV)

67-Ho-170

MAT 6740

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

67-Ho-170



76

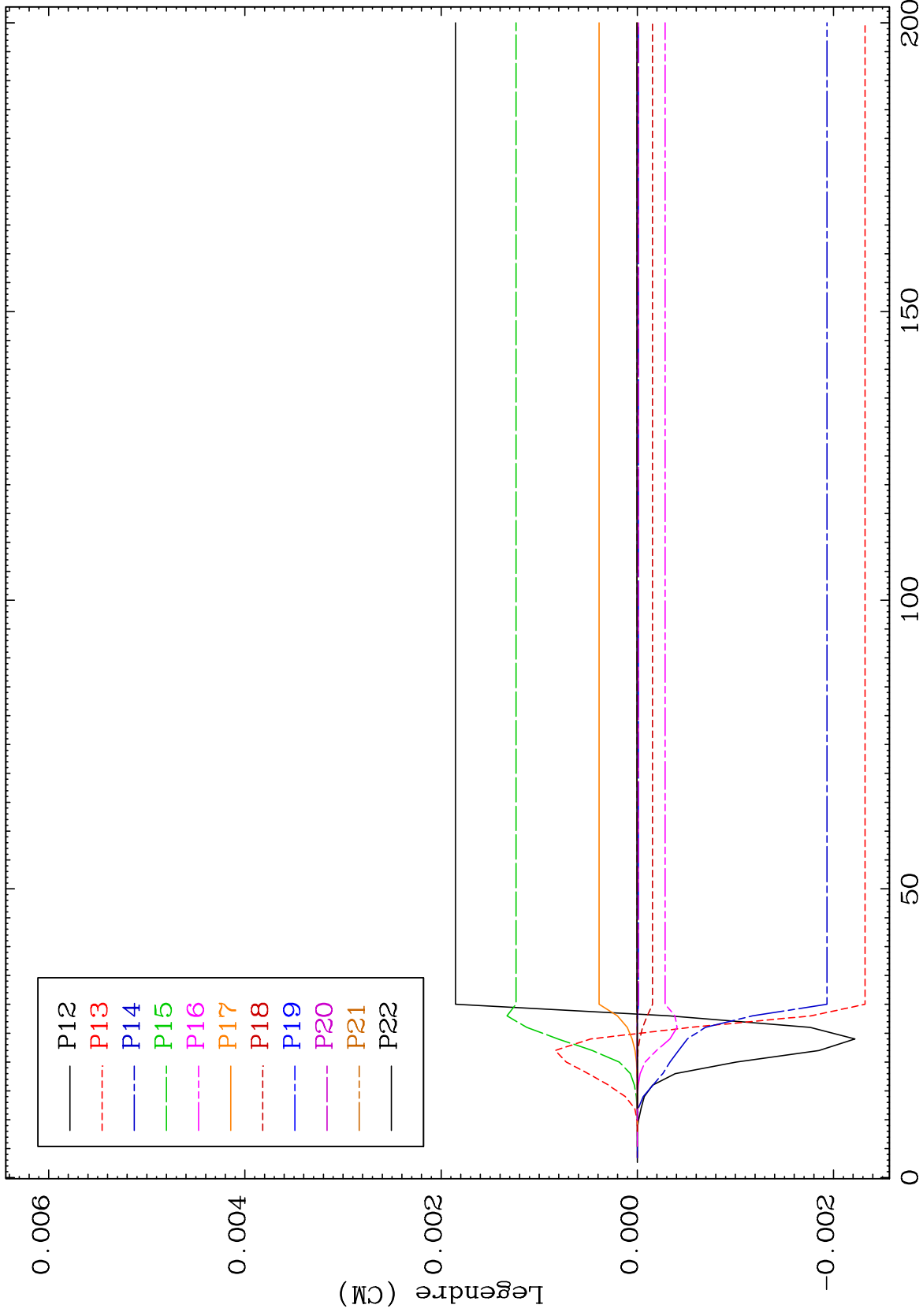
Incident Energy (MeV)

67-Ho-170

MAT 6740

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

67-Ho-170



77

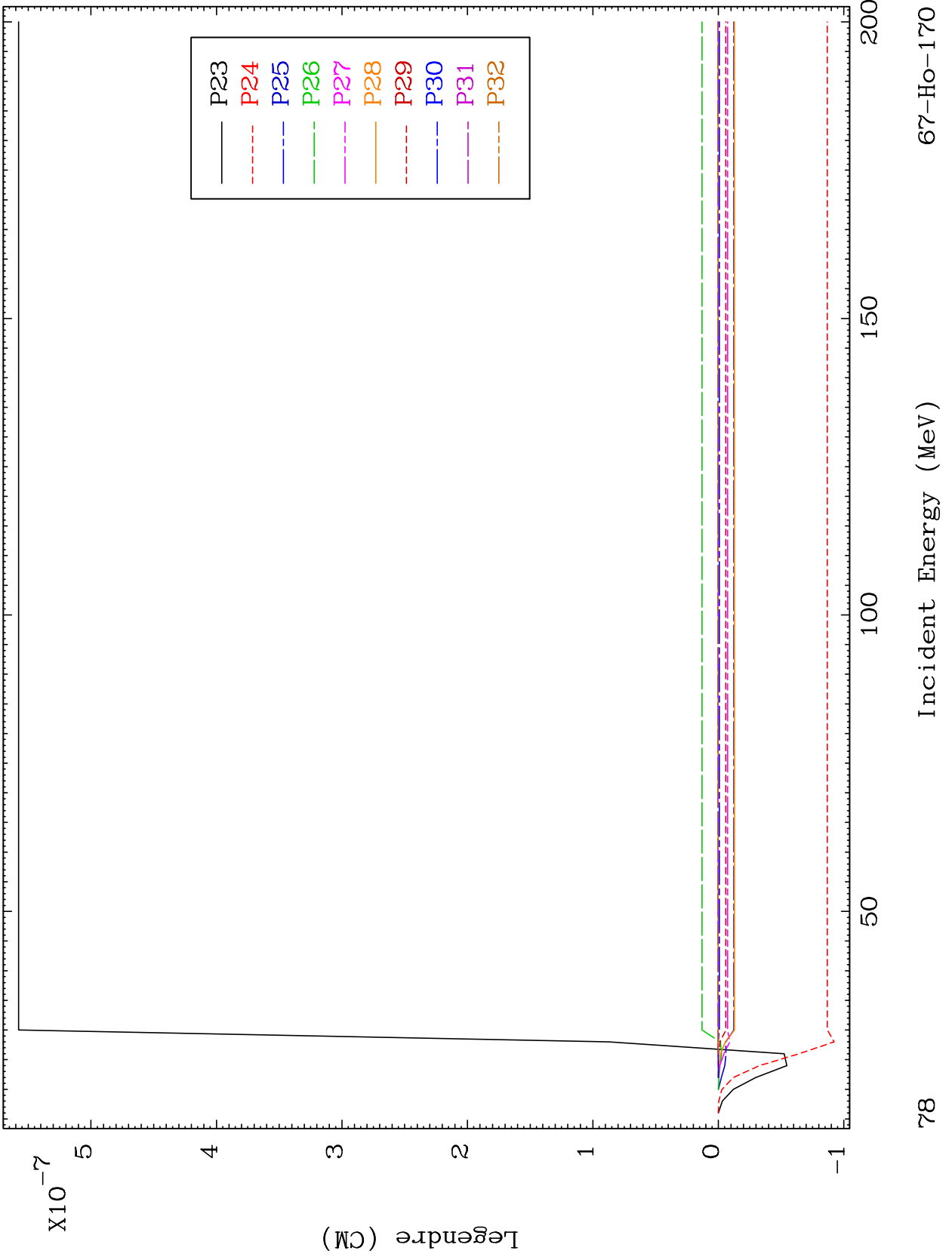
Incident Energy (MeV)

67-Ho-170

MAT 6740

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

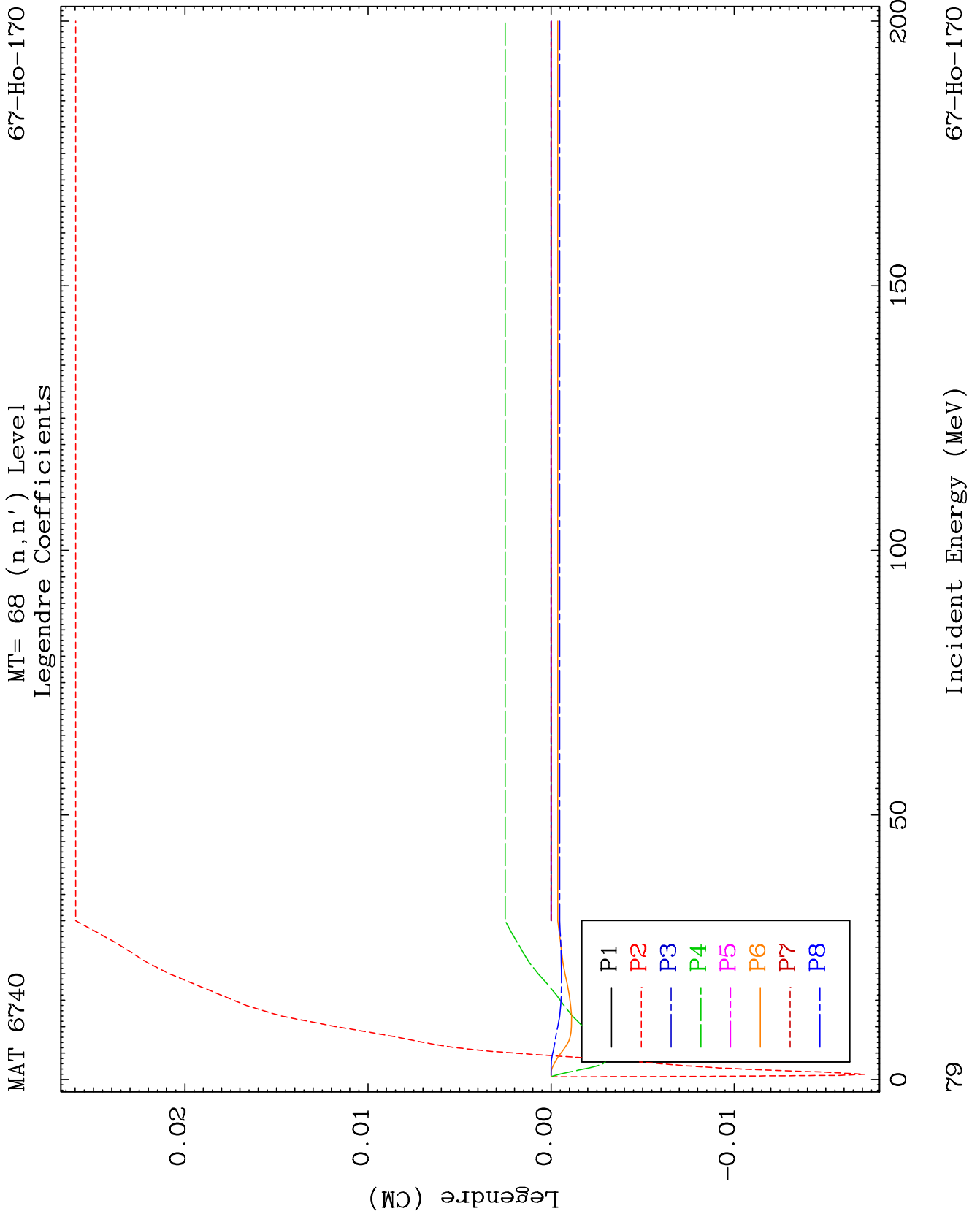
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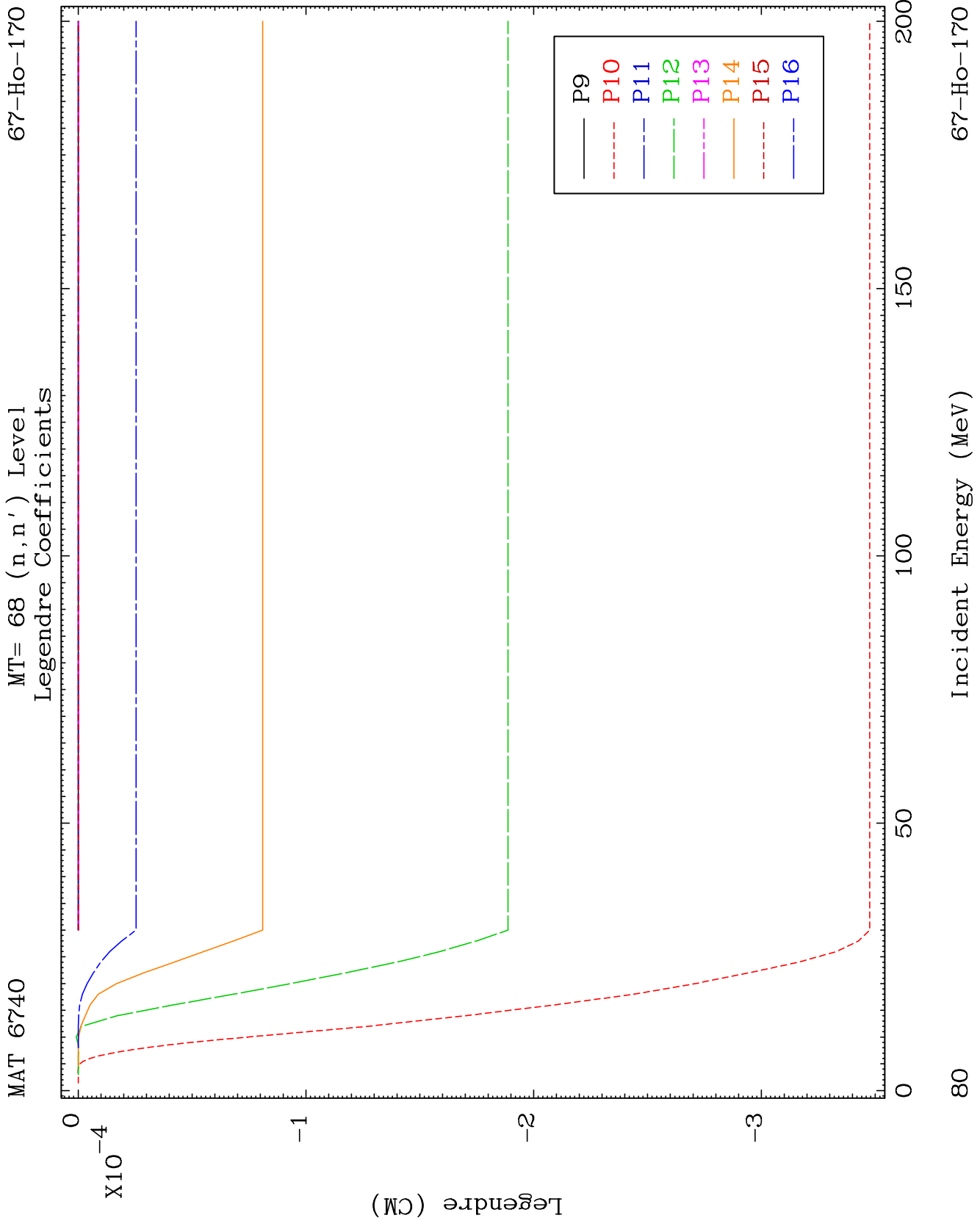


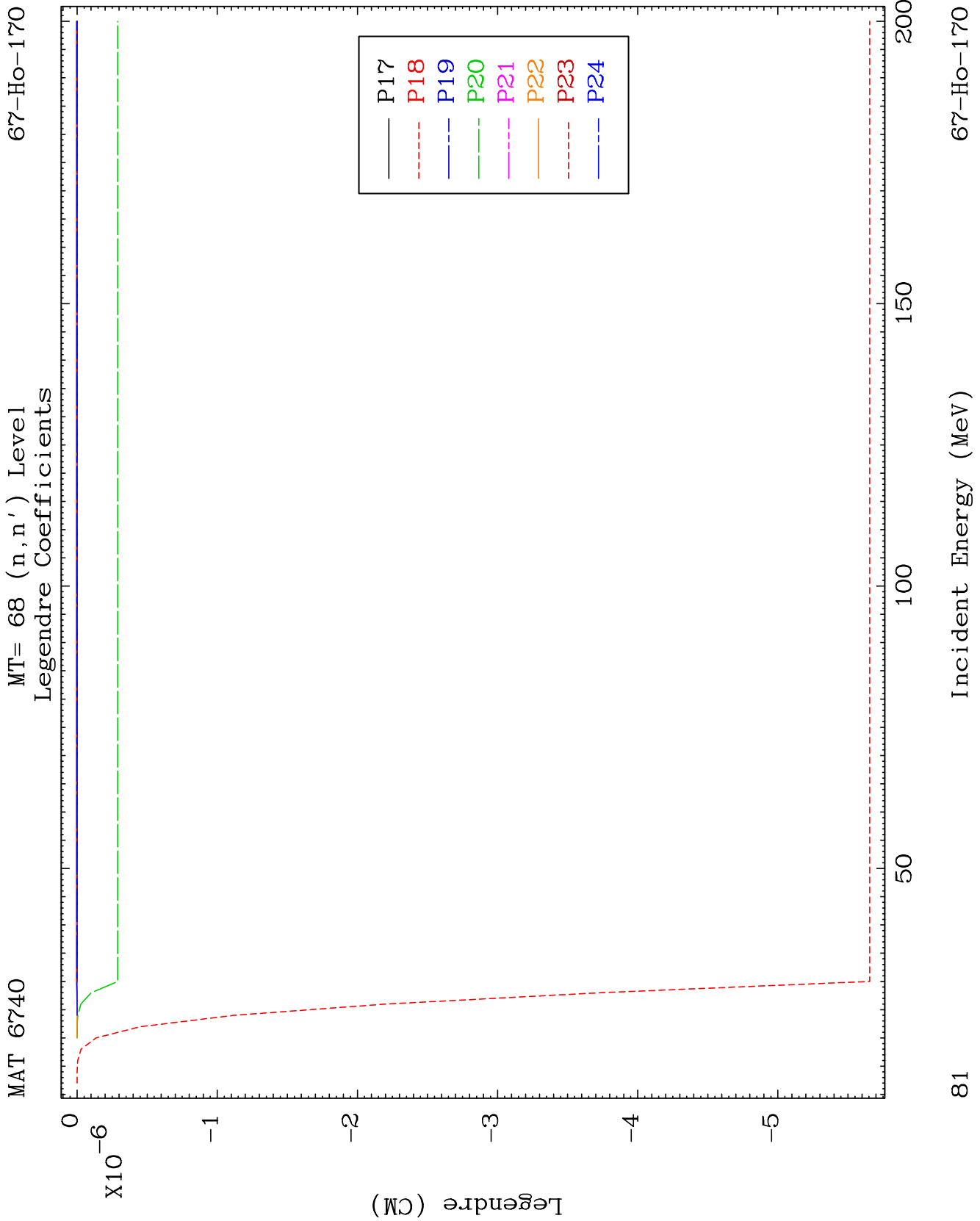
78

Incident Energy (MeV)

67-Ho-170



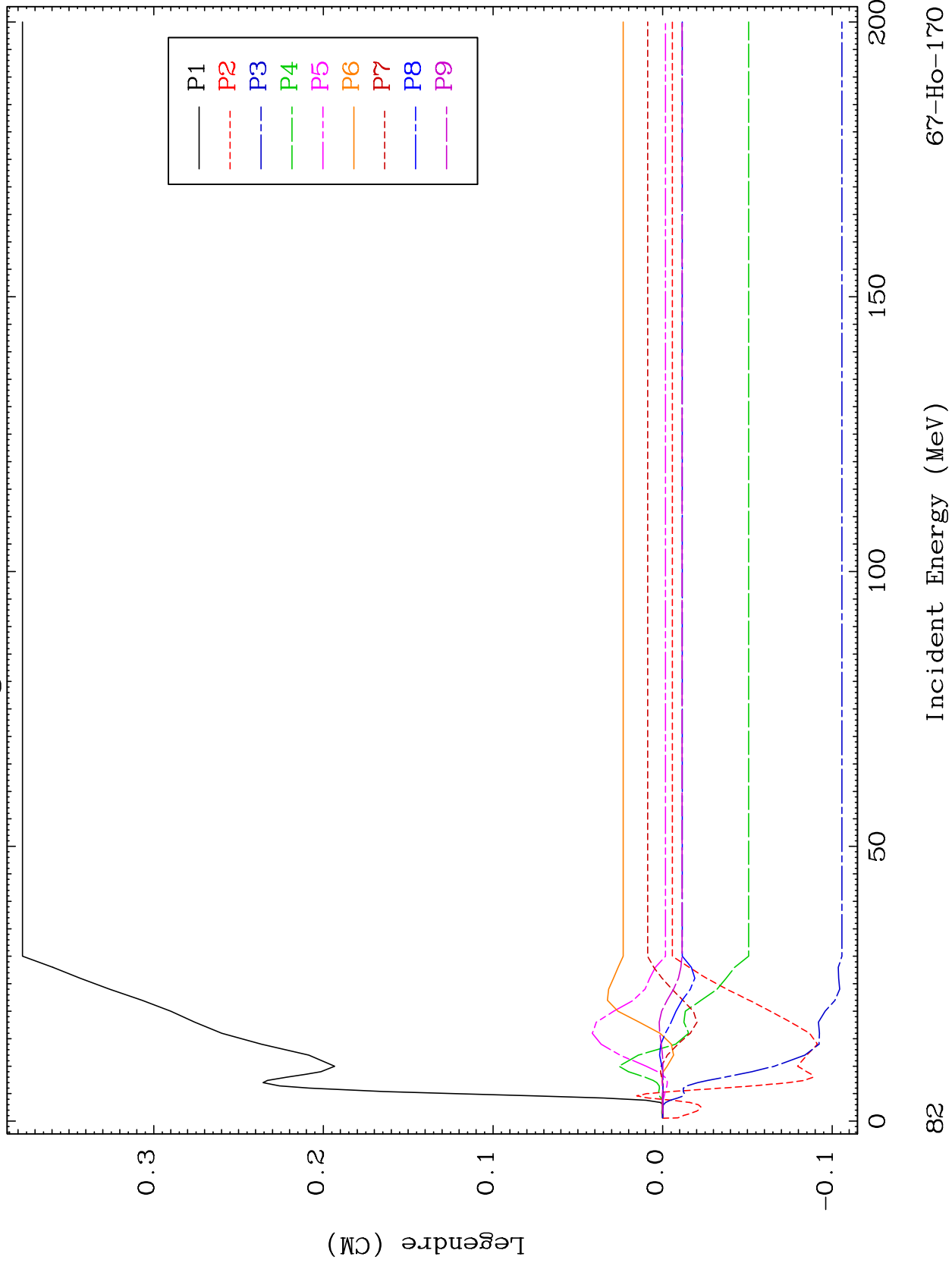




MAT 6740

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

67-Ho-170



82

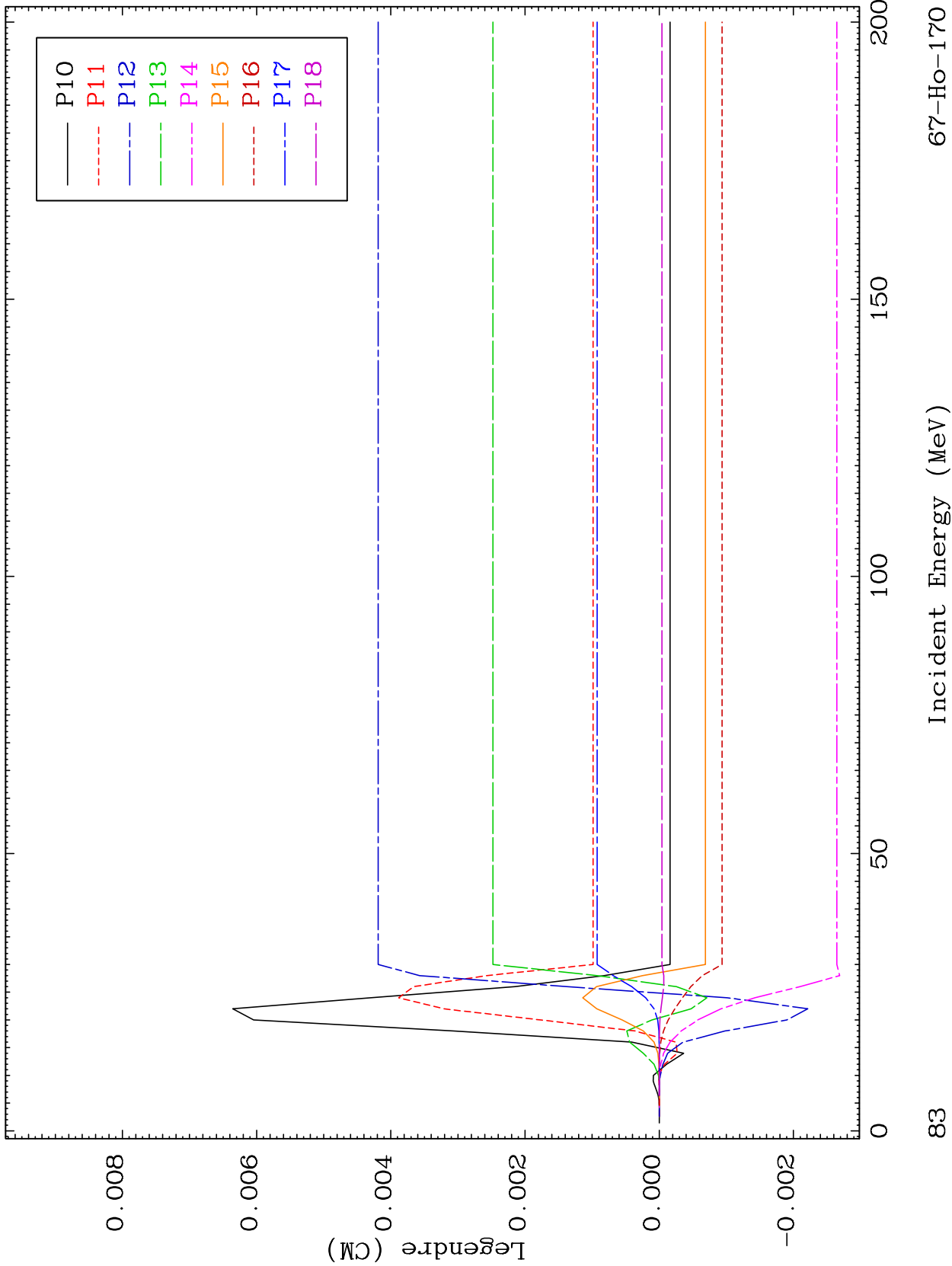
Incident Energy (MeV)

67-Ho-170

MAT 6740

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

67-Ho-170



83

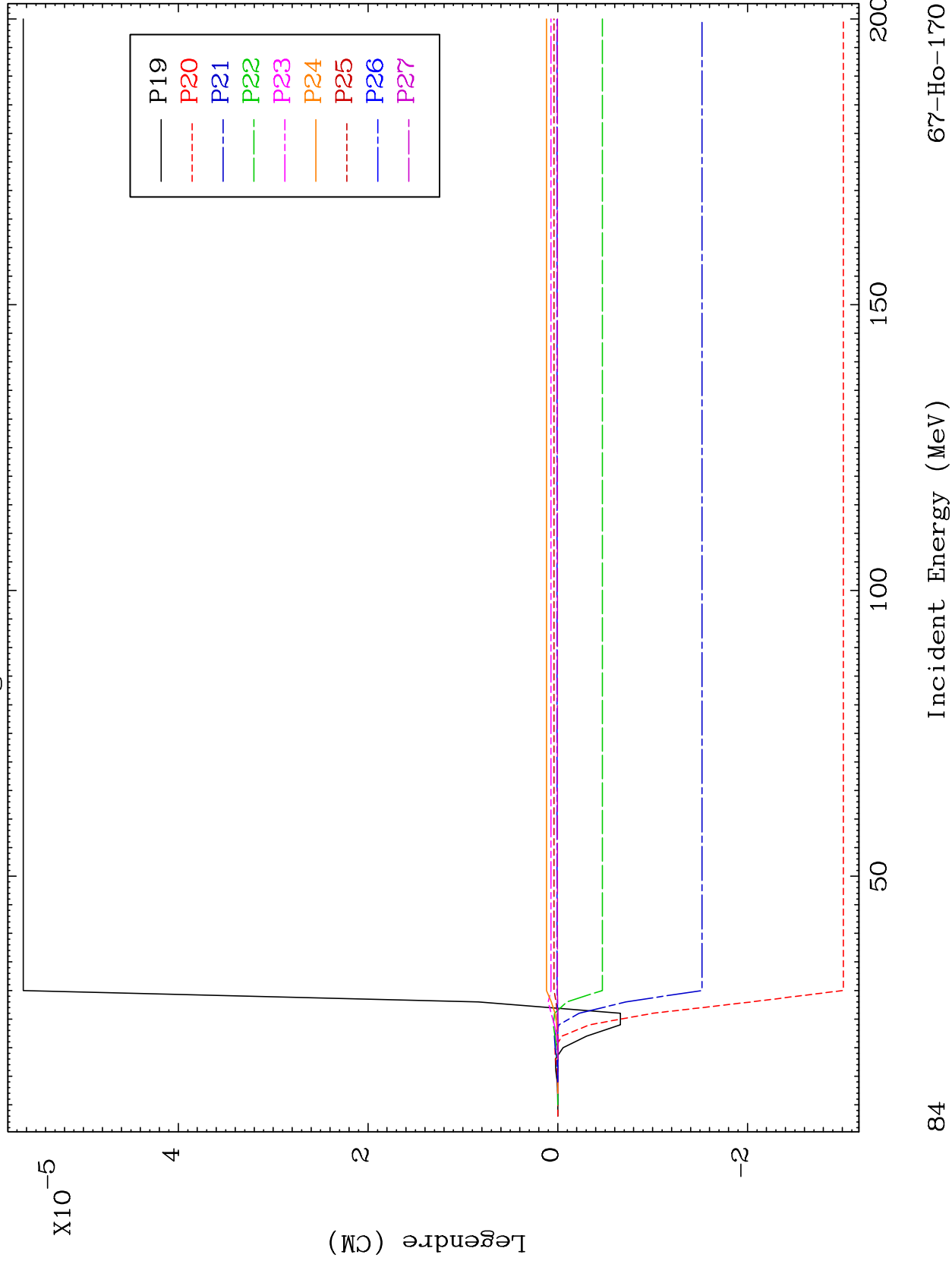
Incident Energy (MeV)

67-Ho-170

MAT 6740

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

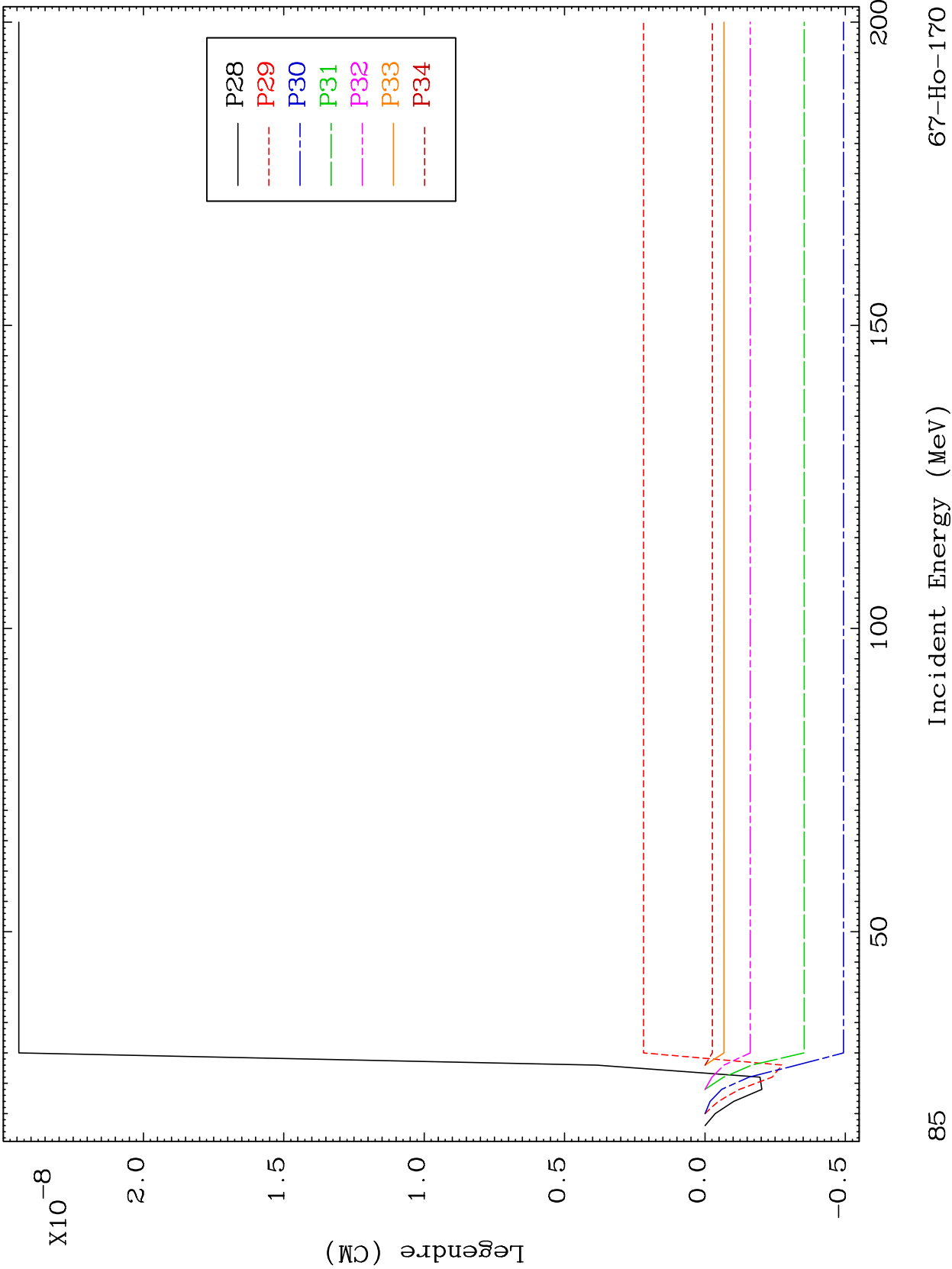
67-Ho-170



MAT 6740

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

67-Ho-170



85

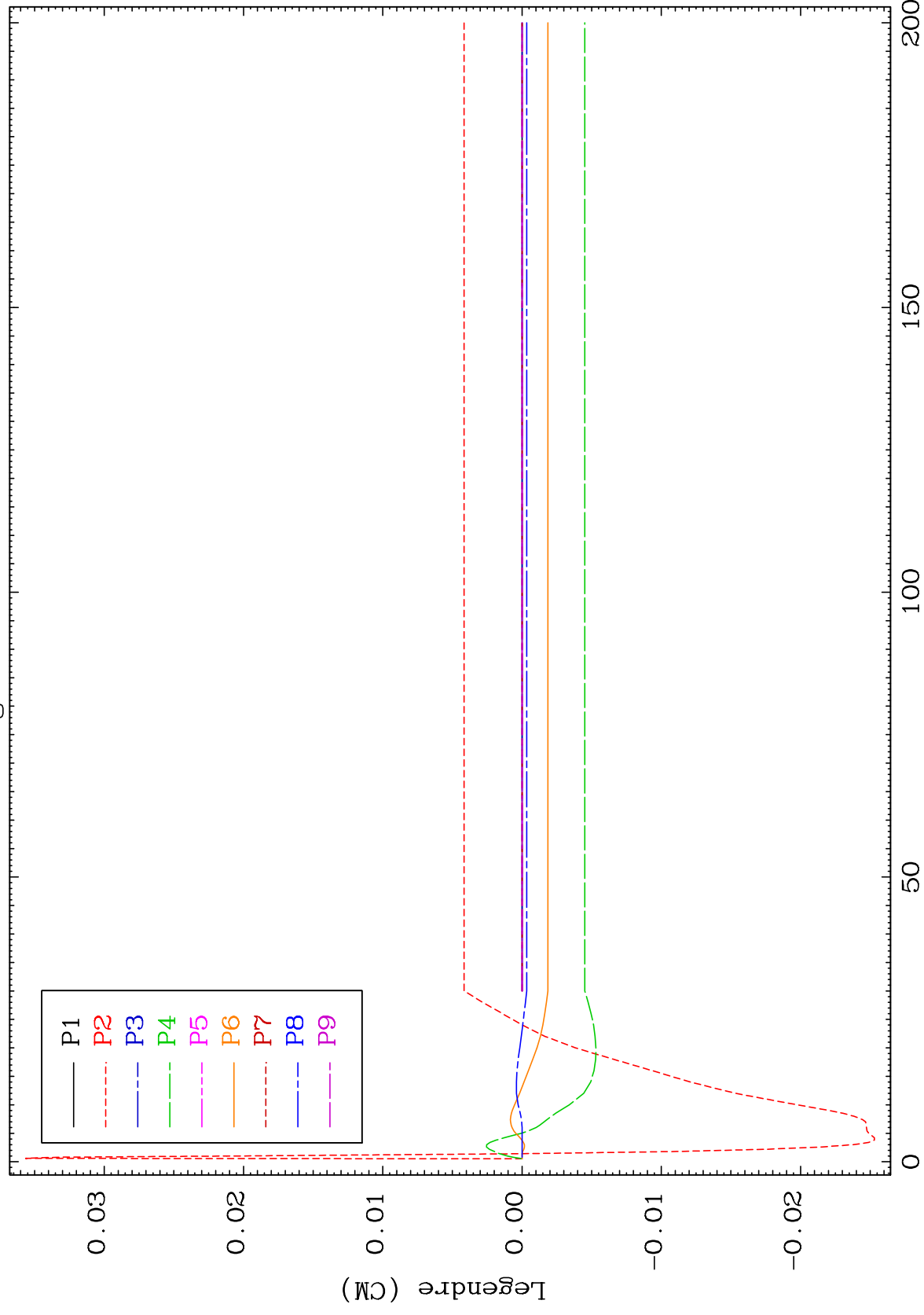
Incident Energy (MeV)

67-Ho-170

MAT 6740

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

67-Ho-170



86

Incident Energy (MeV)

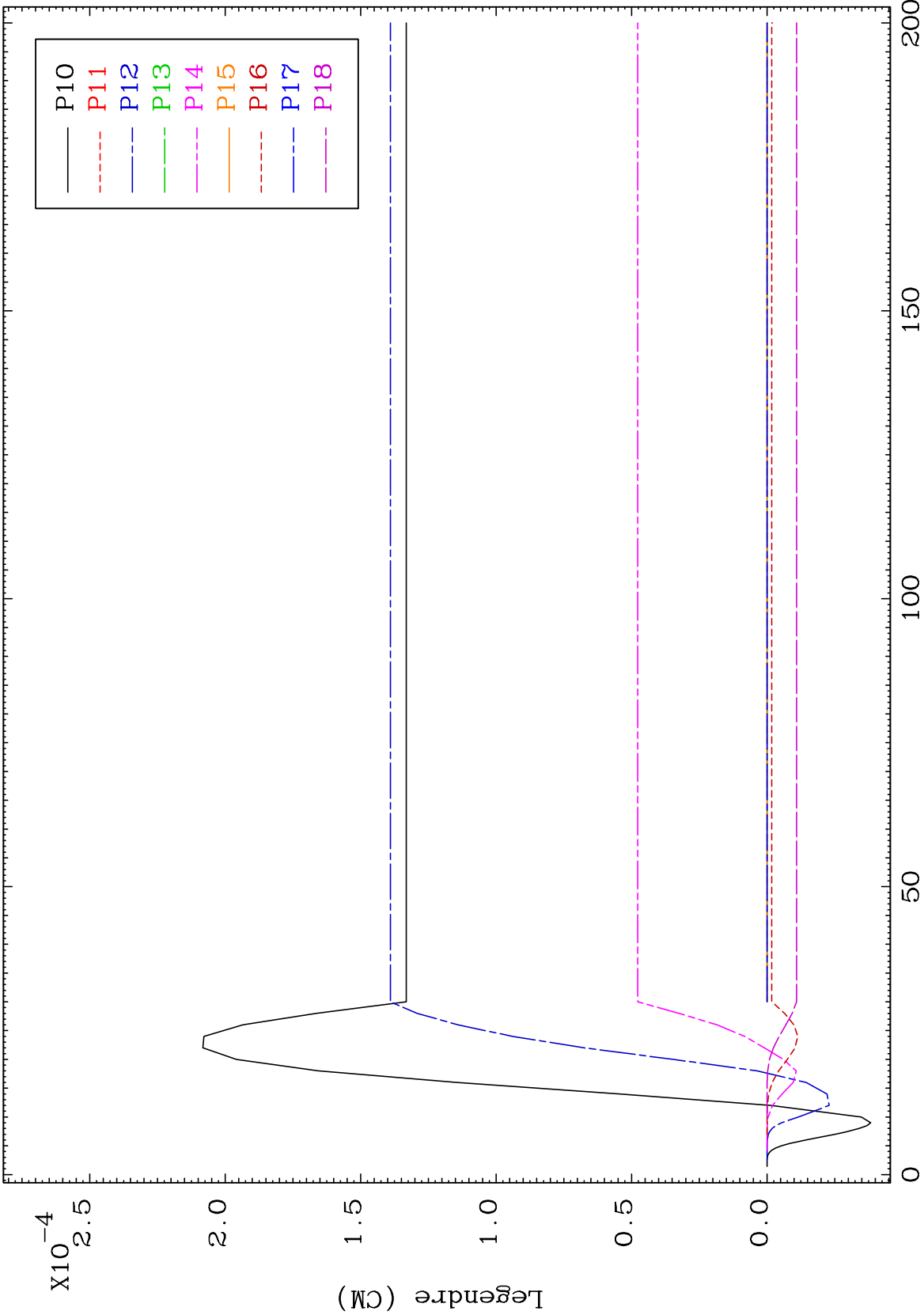
67-Ho-170

MAT 6740

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

67-Ho-170

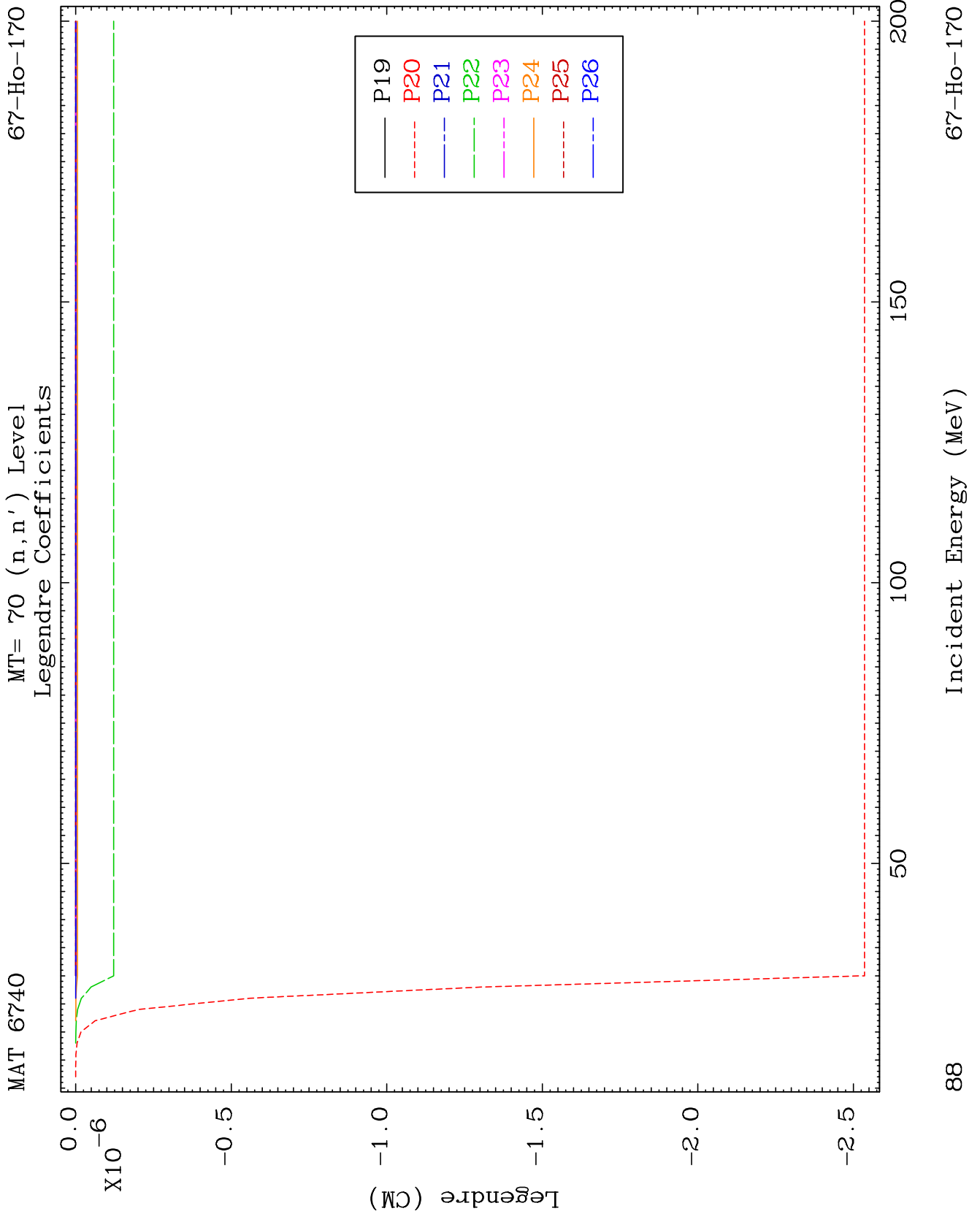
$\times 10^{-4}$



87

Incident Energy (MeV)

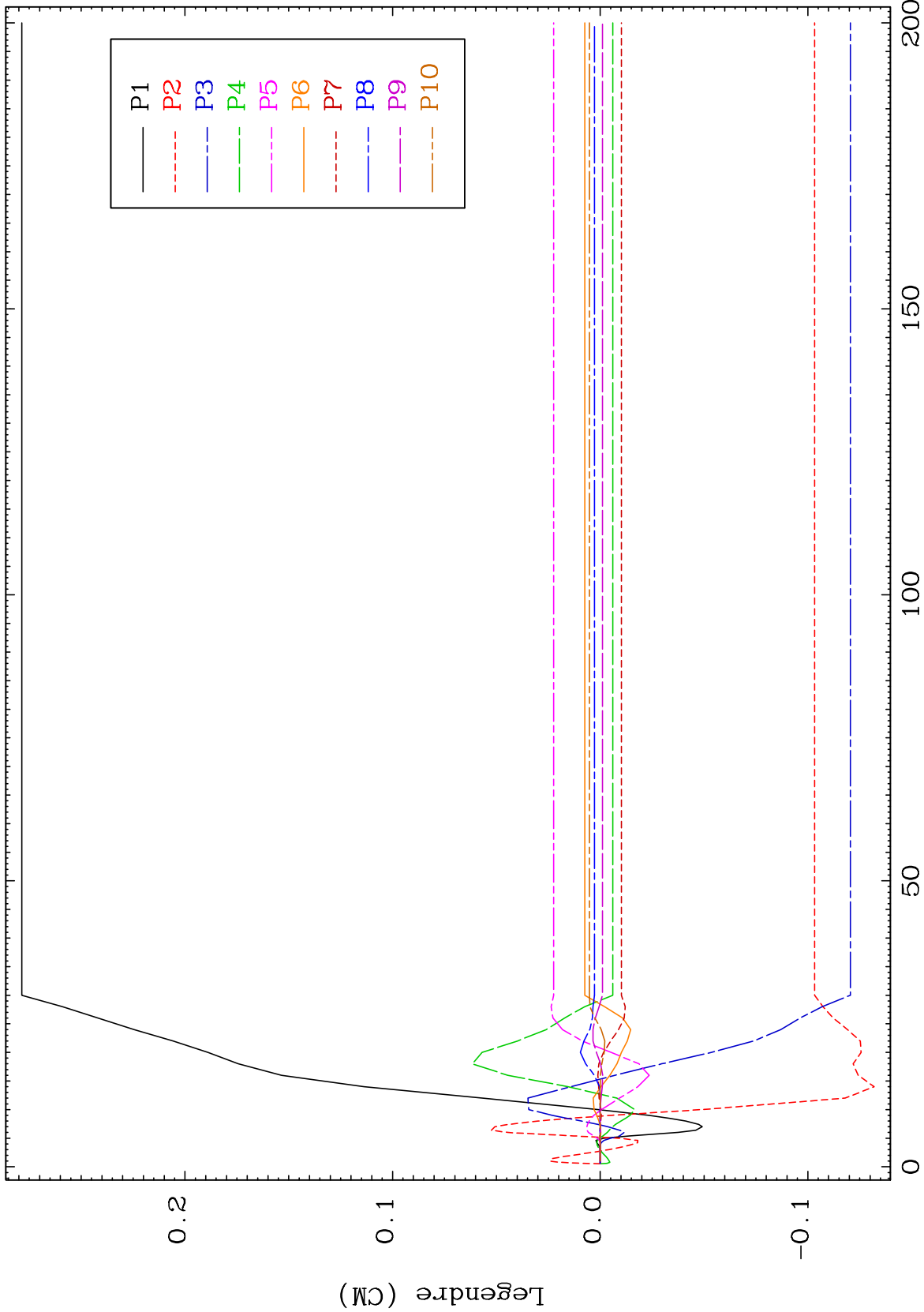
67-Ho-170



MAT 6740

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

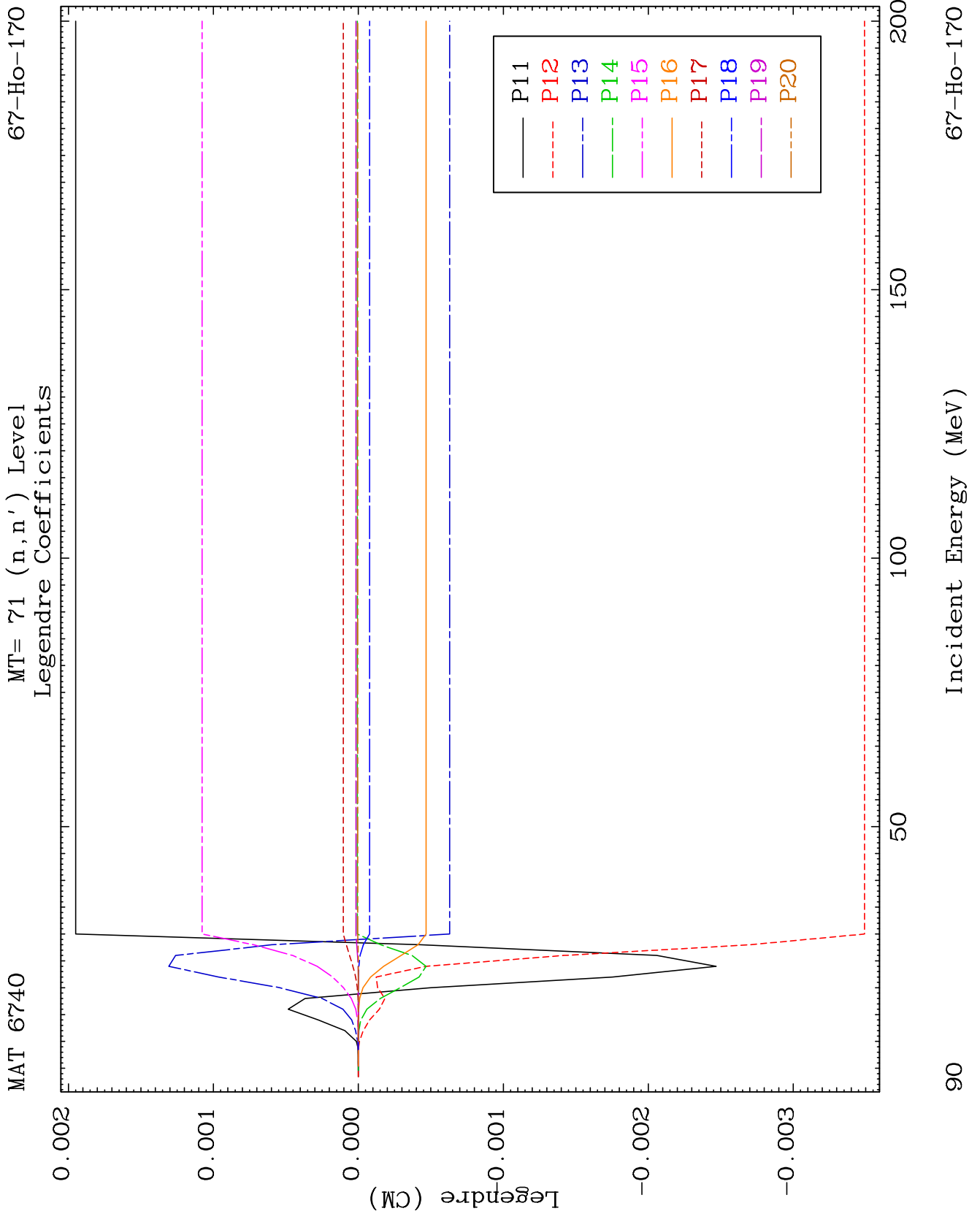
67-Ho-170



89

Incident Energy (MeV)

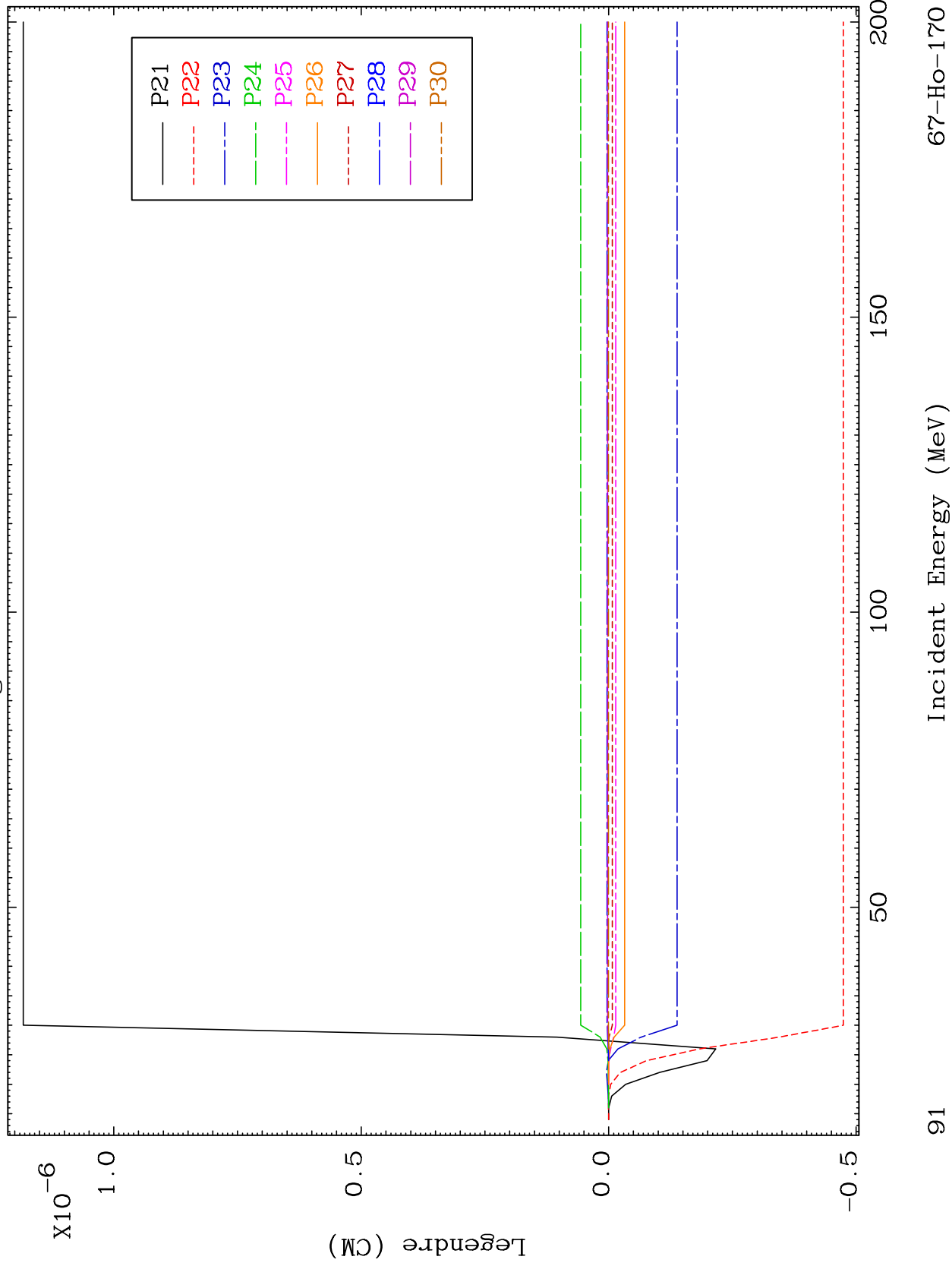
67-Ho-170



MAT 6740

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

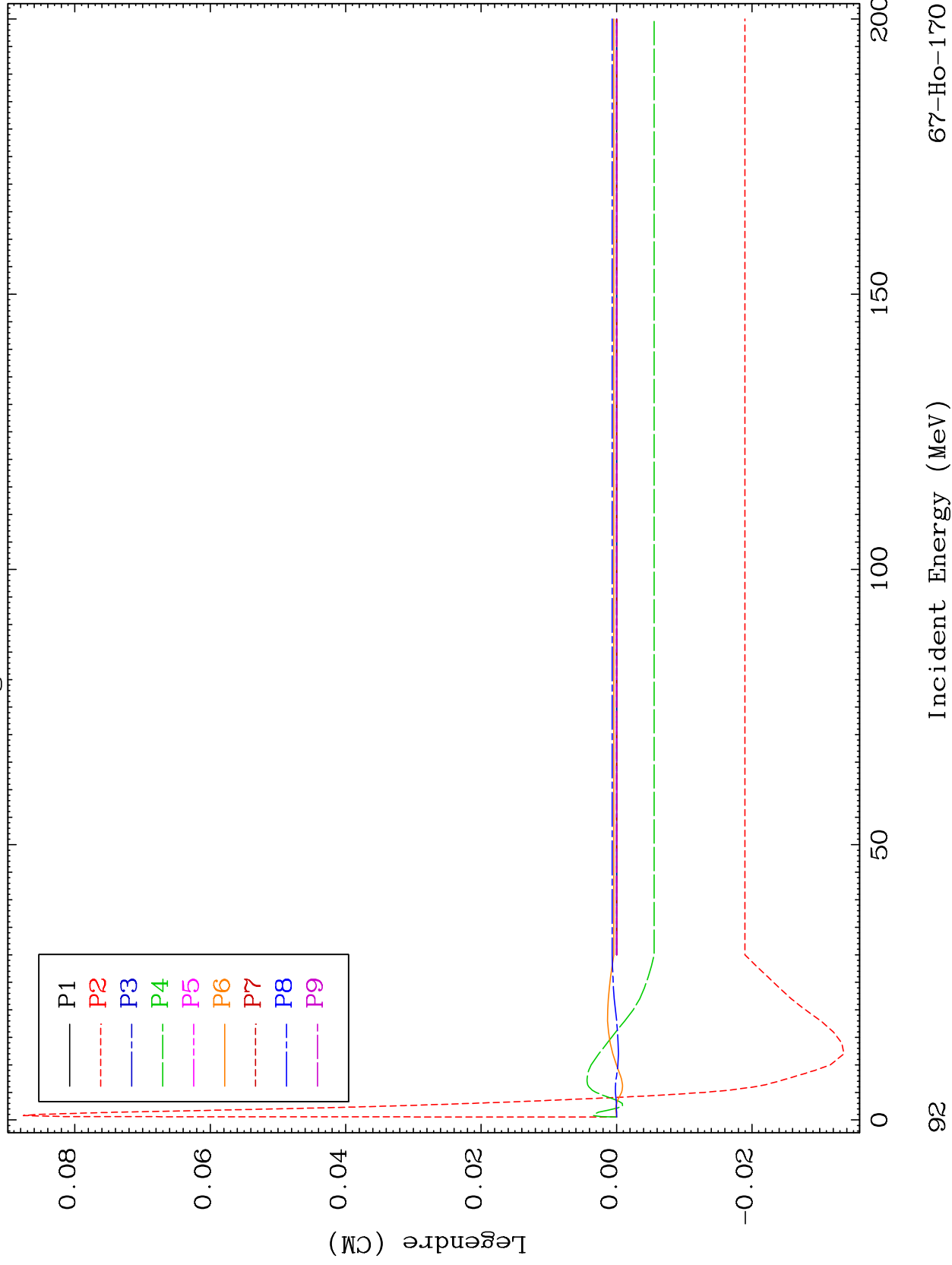
67-Ho-170



MAT 6740

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

67-Ho-170



92

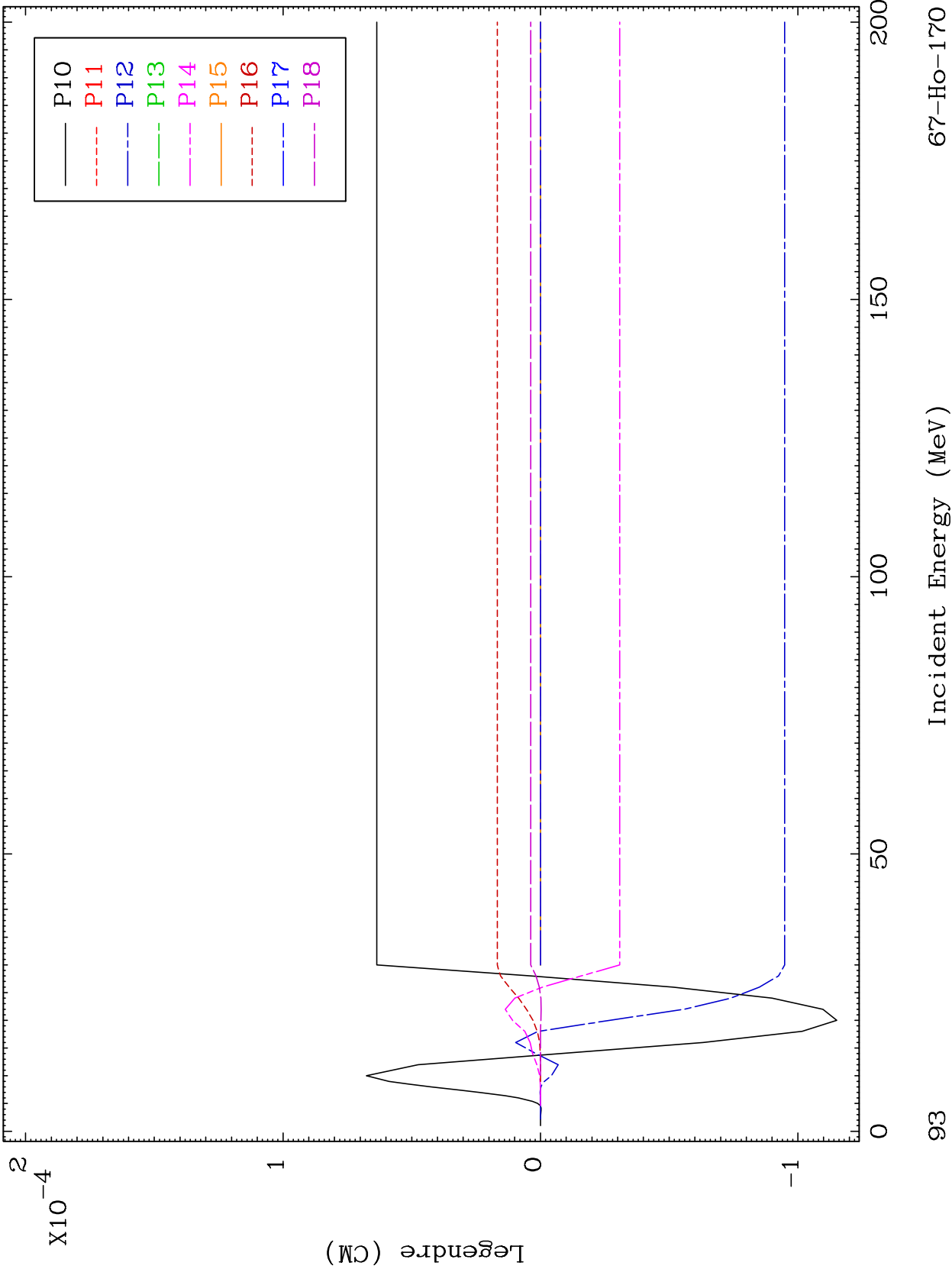
Incident Energy (MeV)

67-Ho-170

MAT 6740

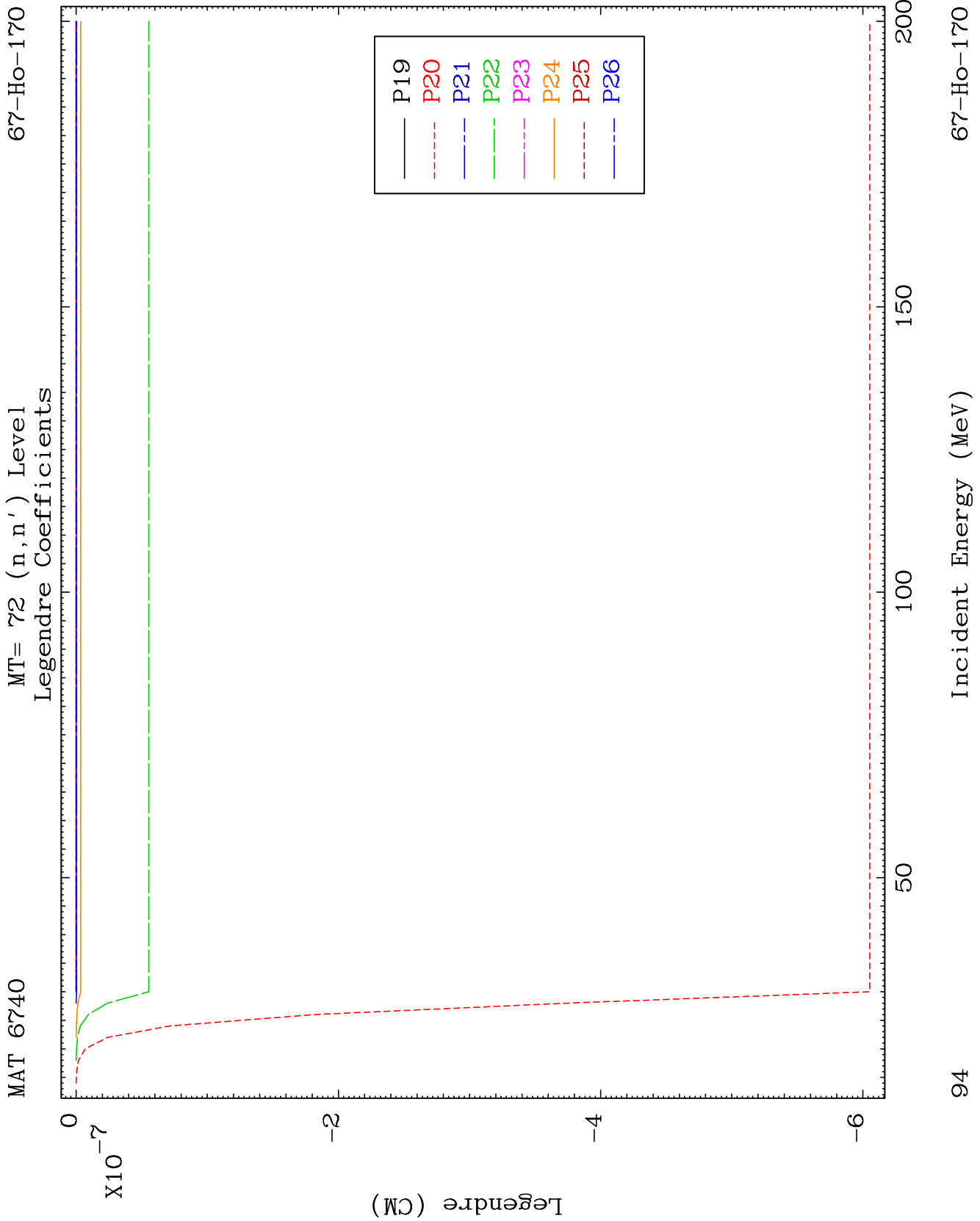
MT= 72 (n,n') Level
Legendre Coefficients

67-Ho-170



93

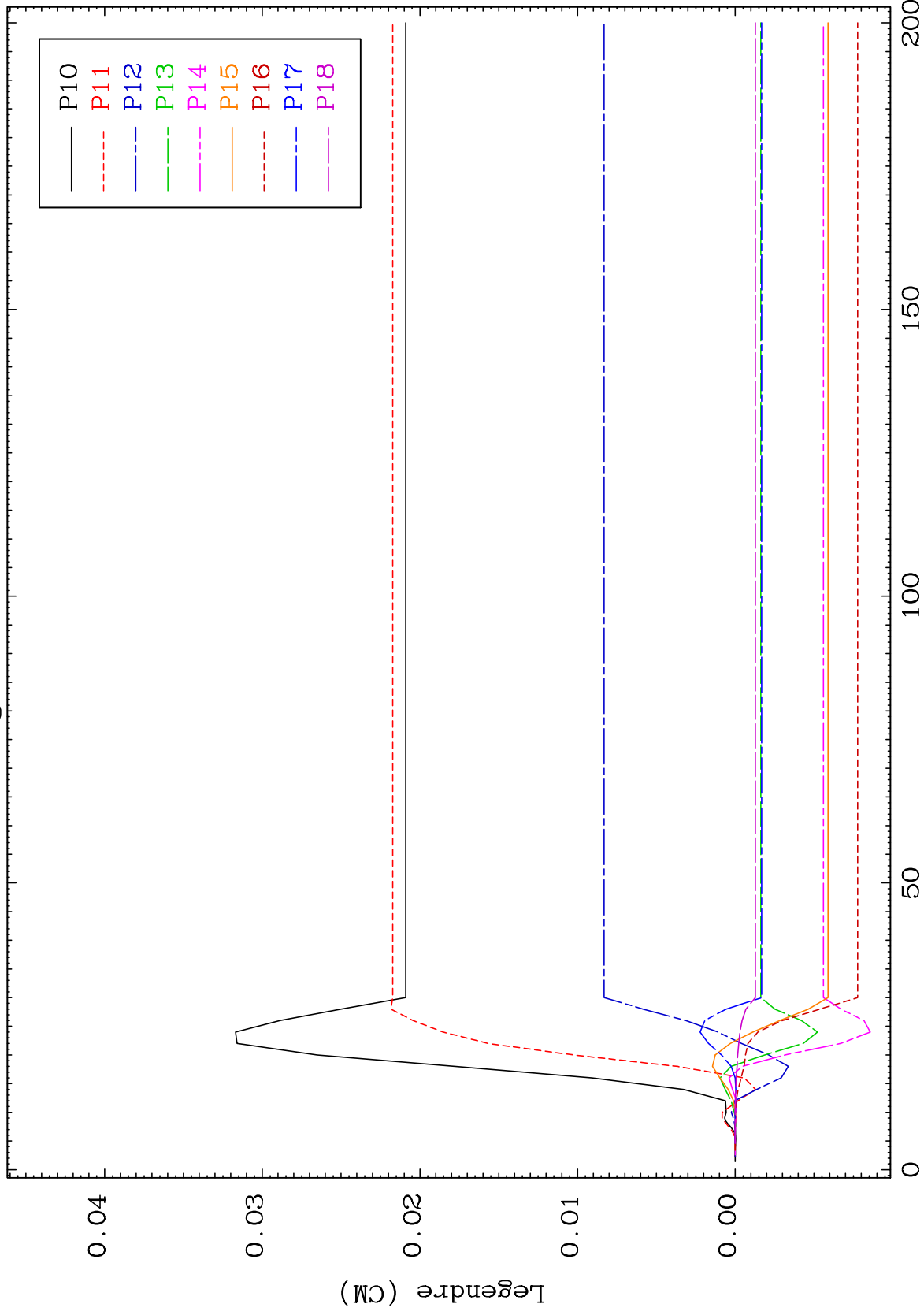
67-Ho-170



MAT 6740

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

67-Ho-170



96

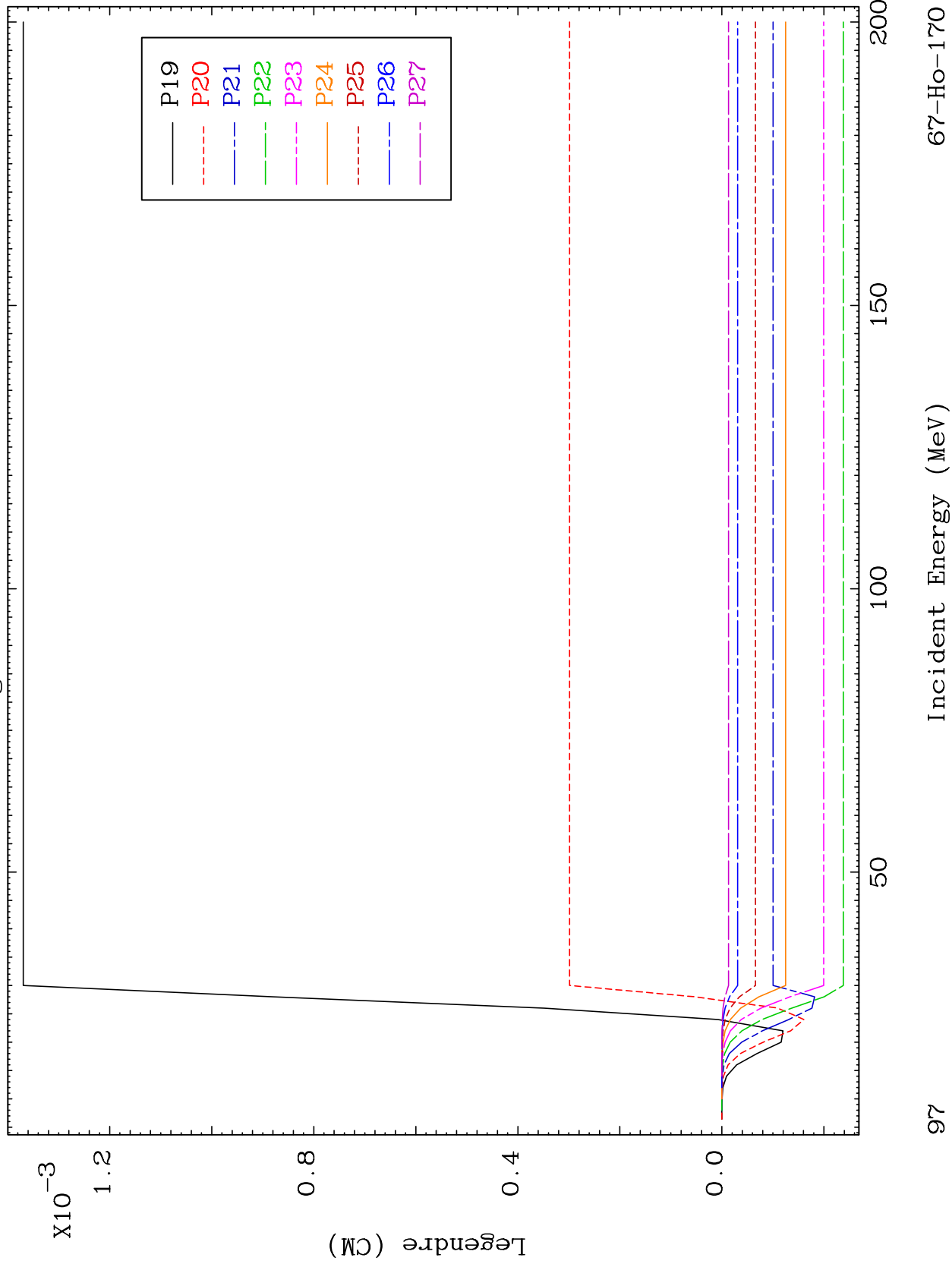
Incident Energy (MeV)

67-Ho-170

MAT 6740

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

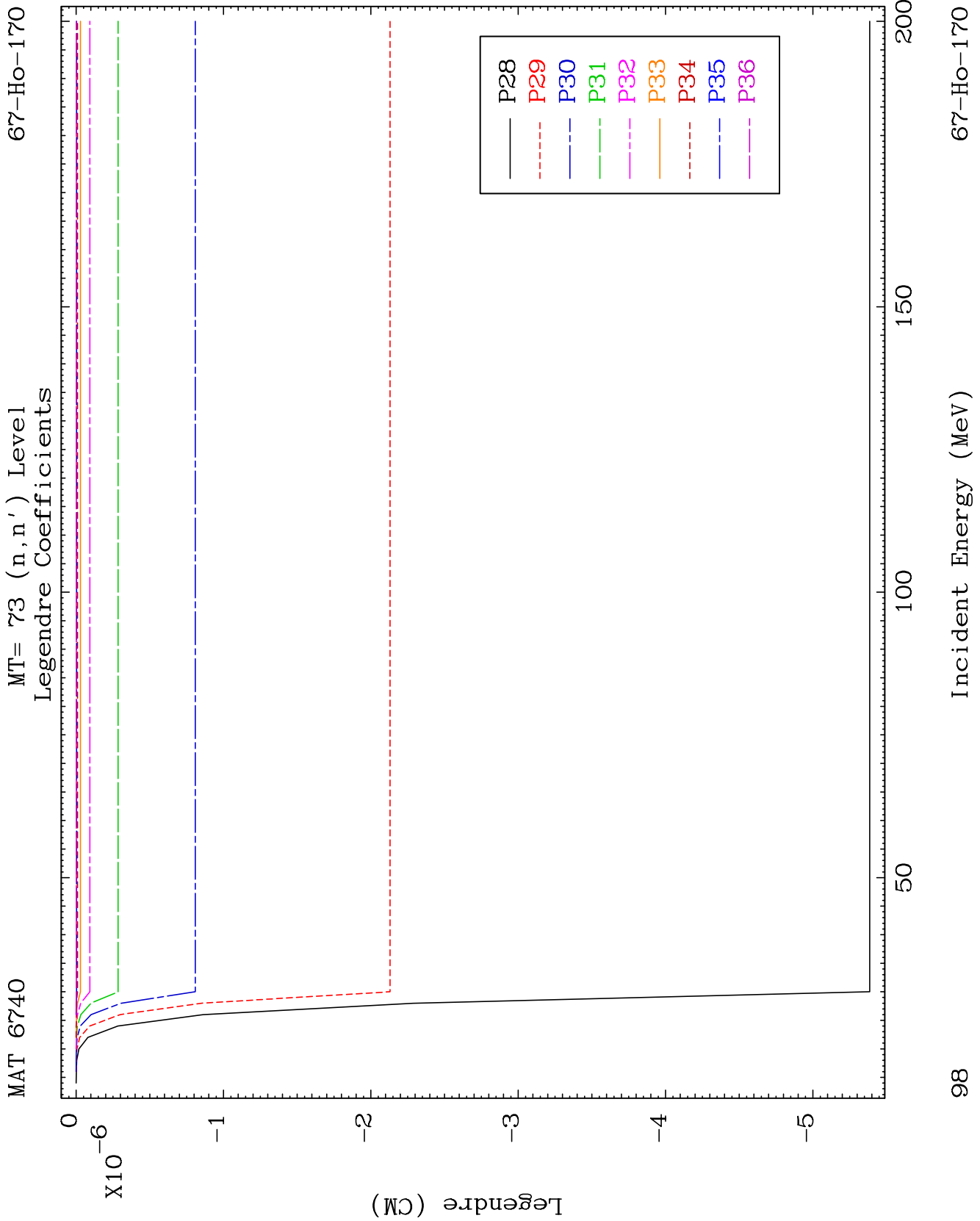
67-Ho-170



97

Incident Energy (MeV)

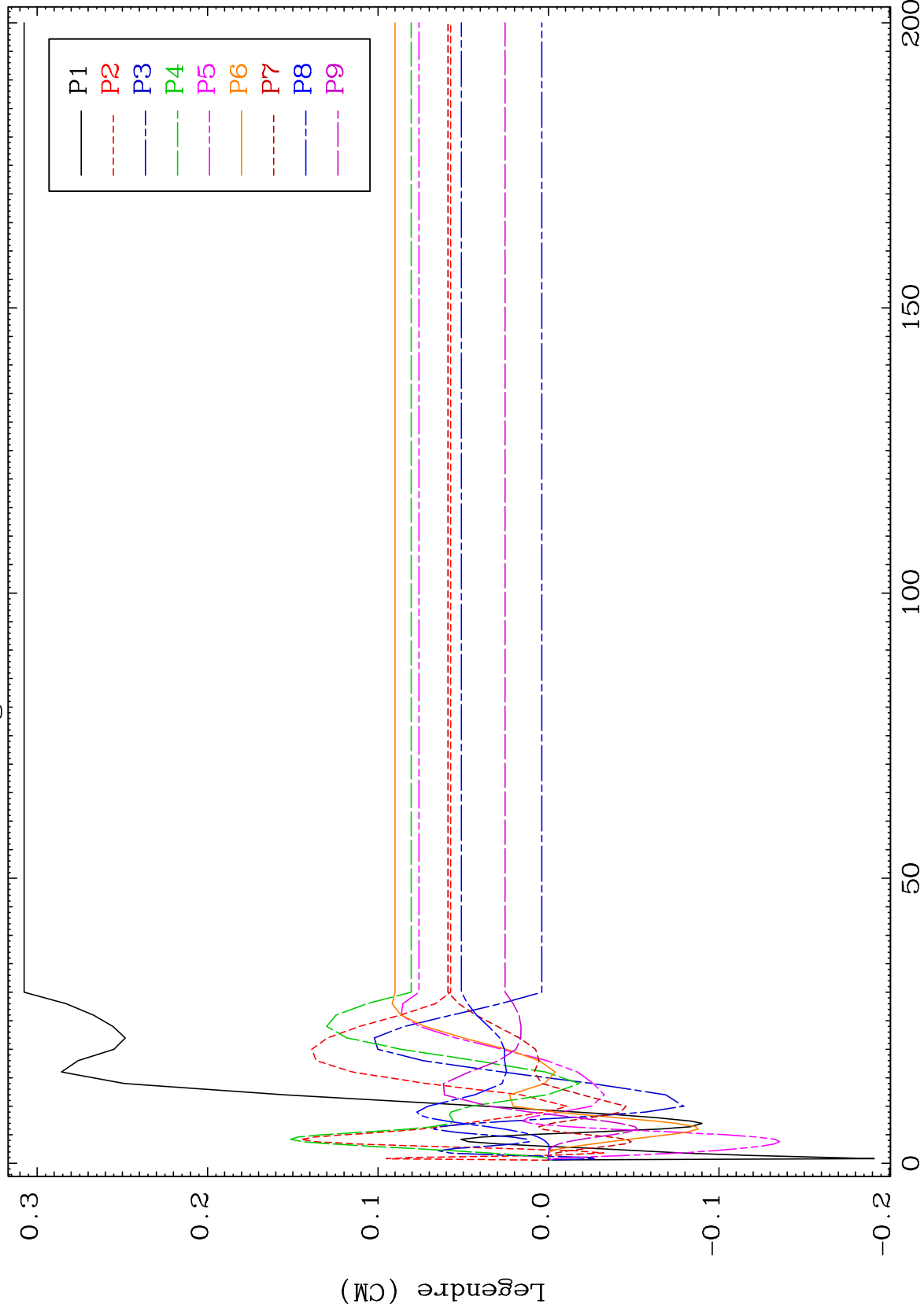
67-Ho-170



MAT 6740

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

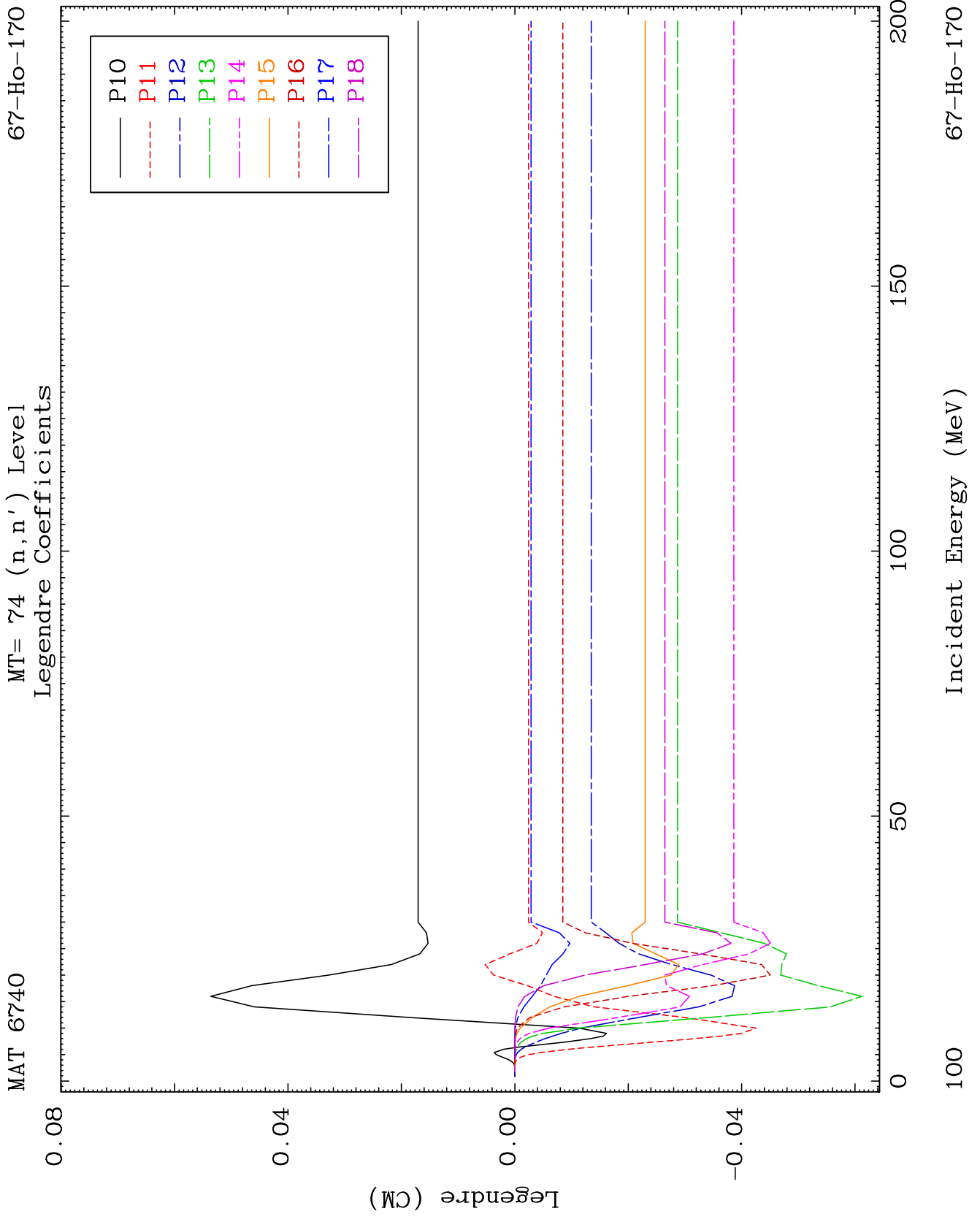
67-Ho-170



99

Incident Energy (MeV)

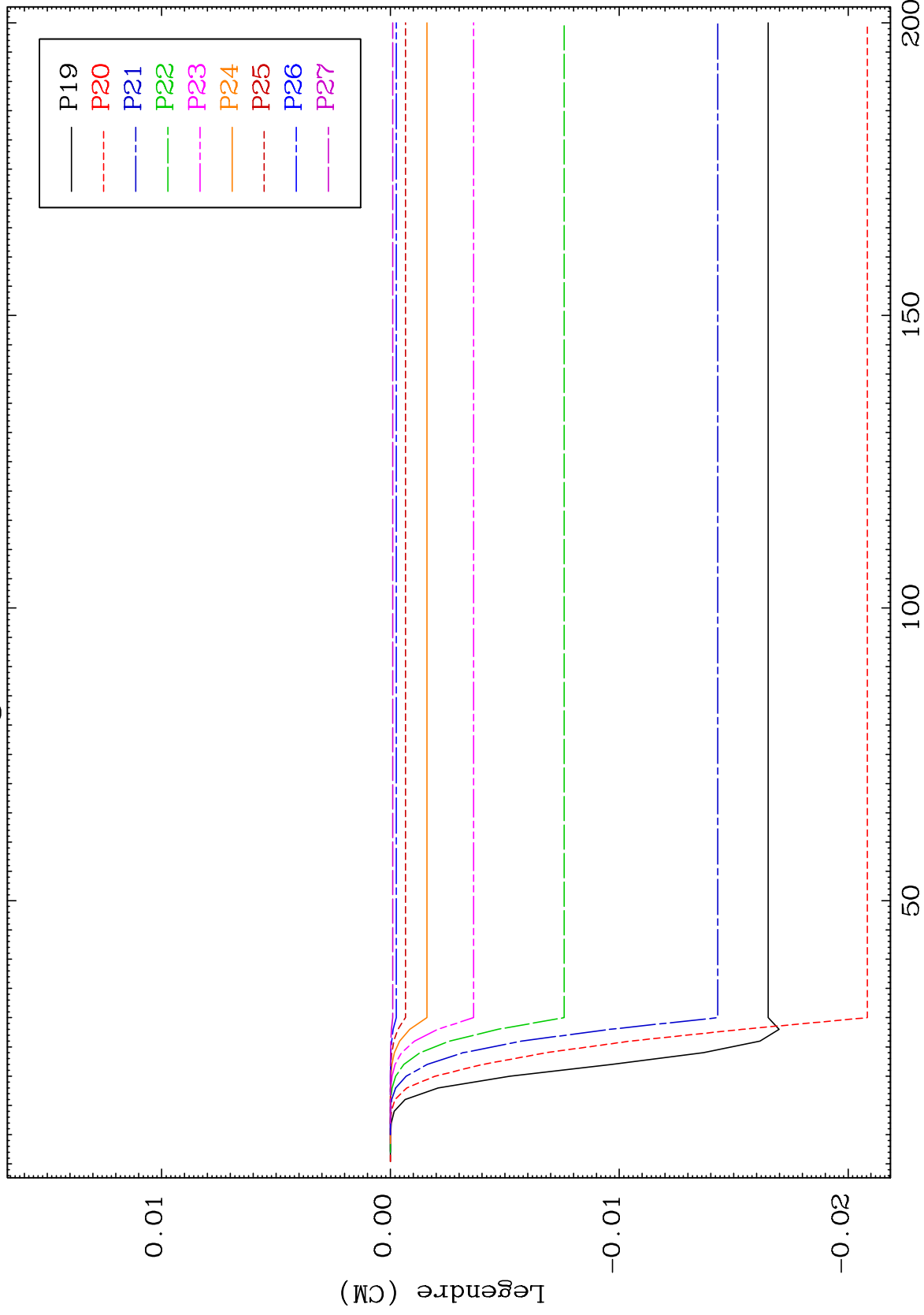
67-Ho-170



MAT 6740

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

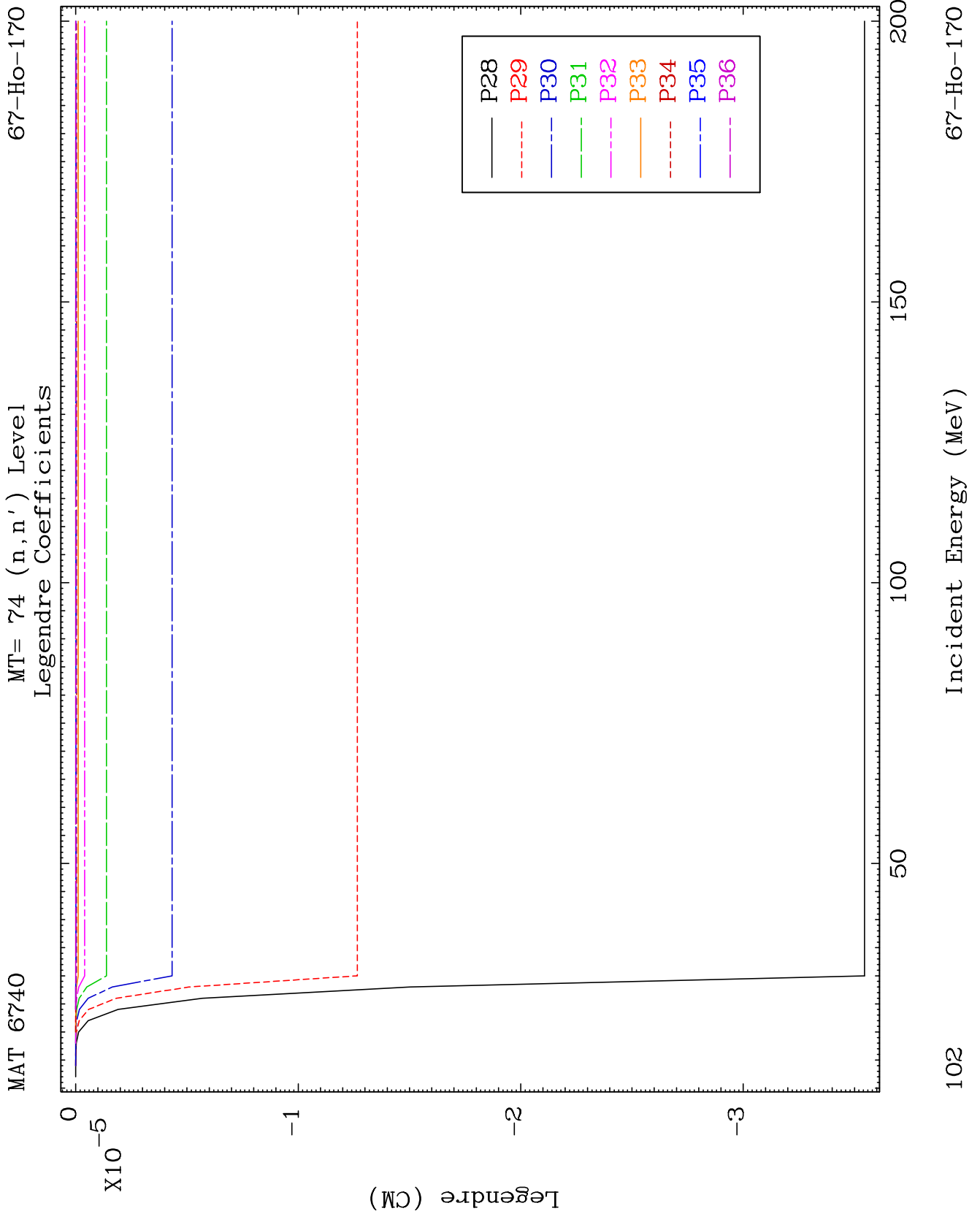
67-Ho-170

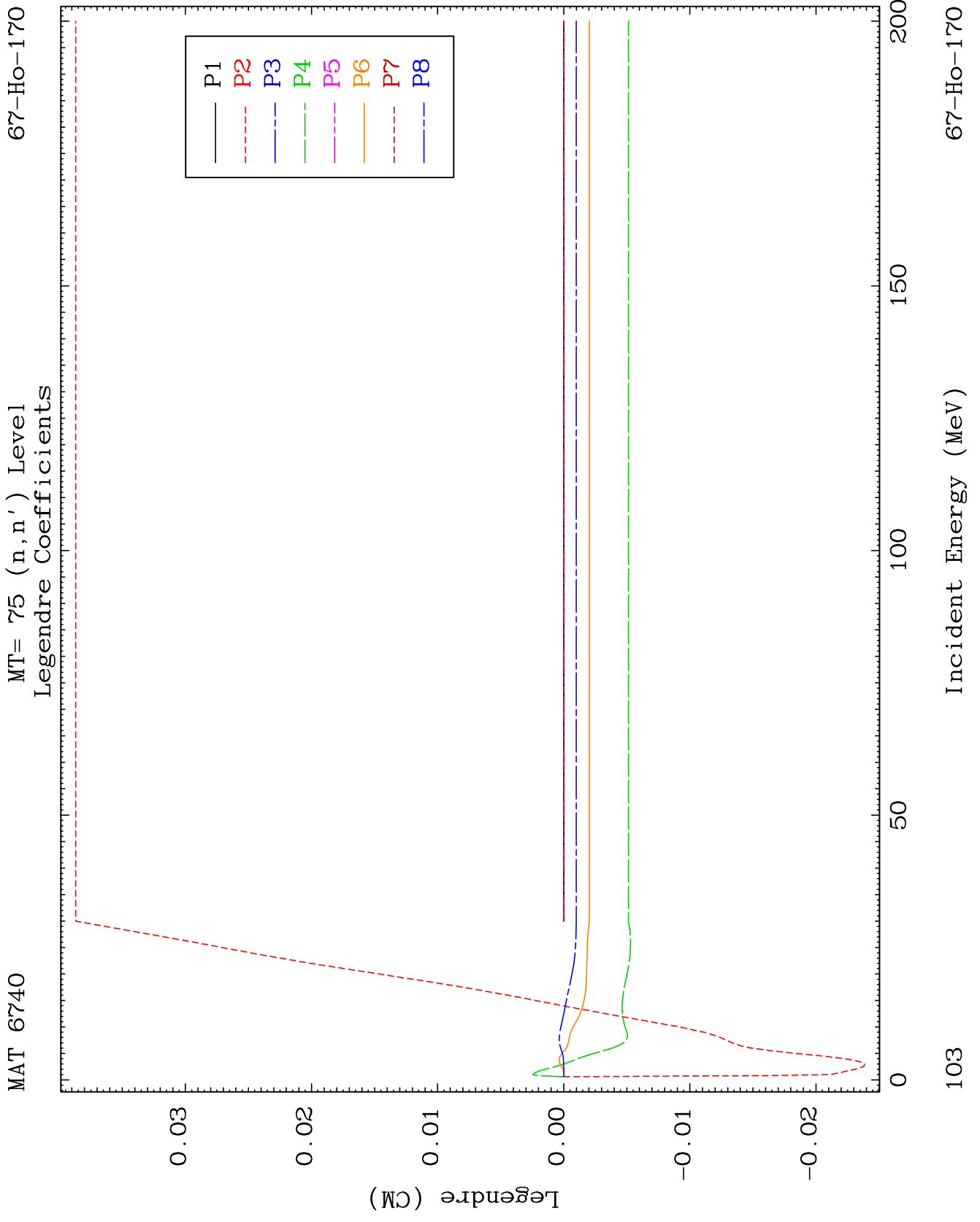


101

Incident Energy (MeV)

67-Ho-170

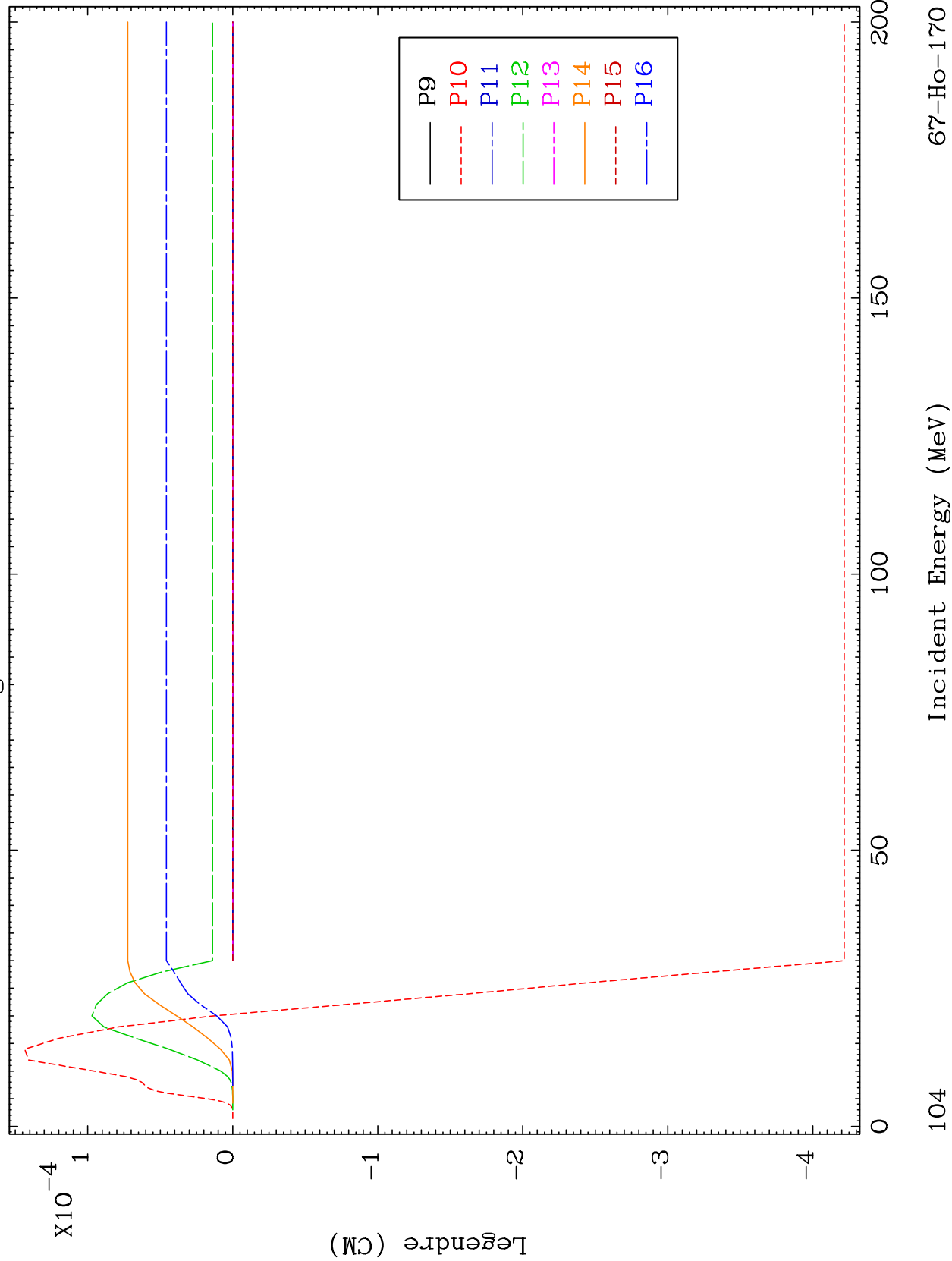




MAT 6740

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

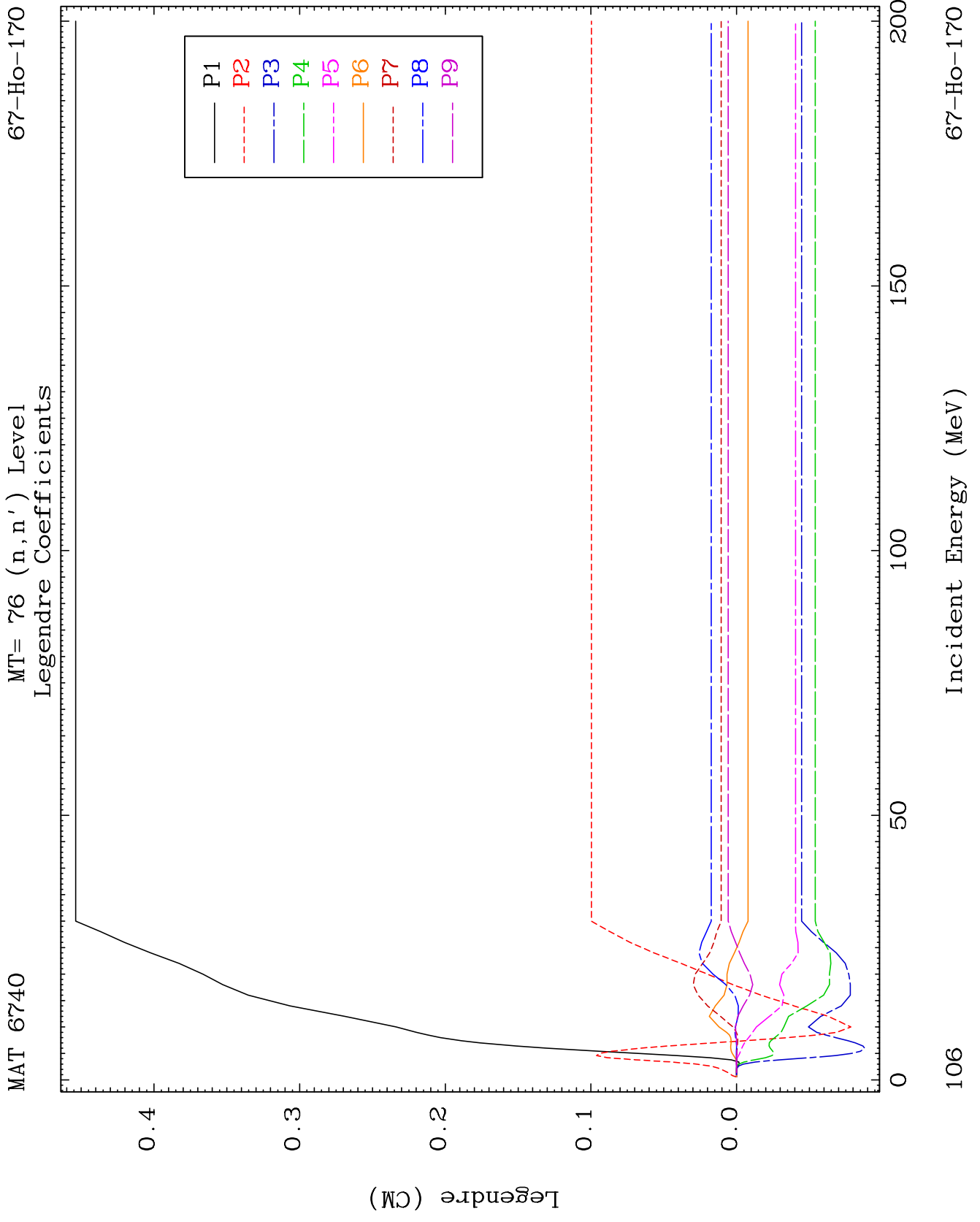
67-Ho-170



104

Incident Energy (MeV)

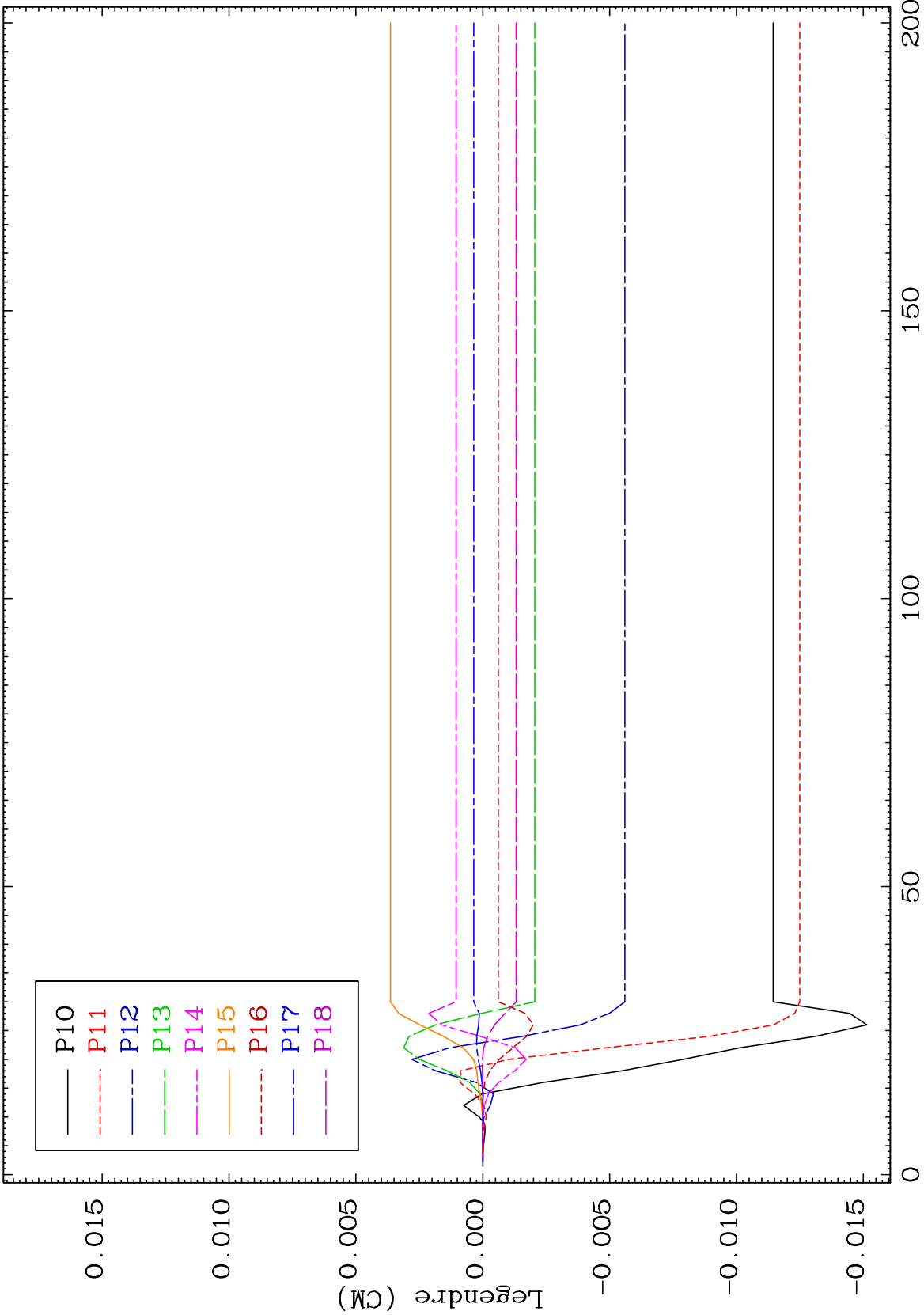
67-Ho-170



MAT 6740

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

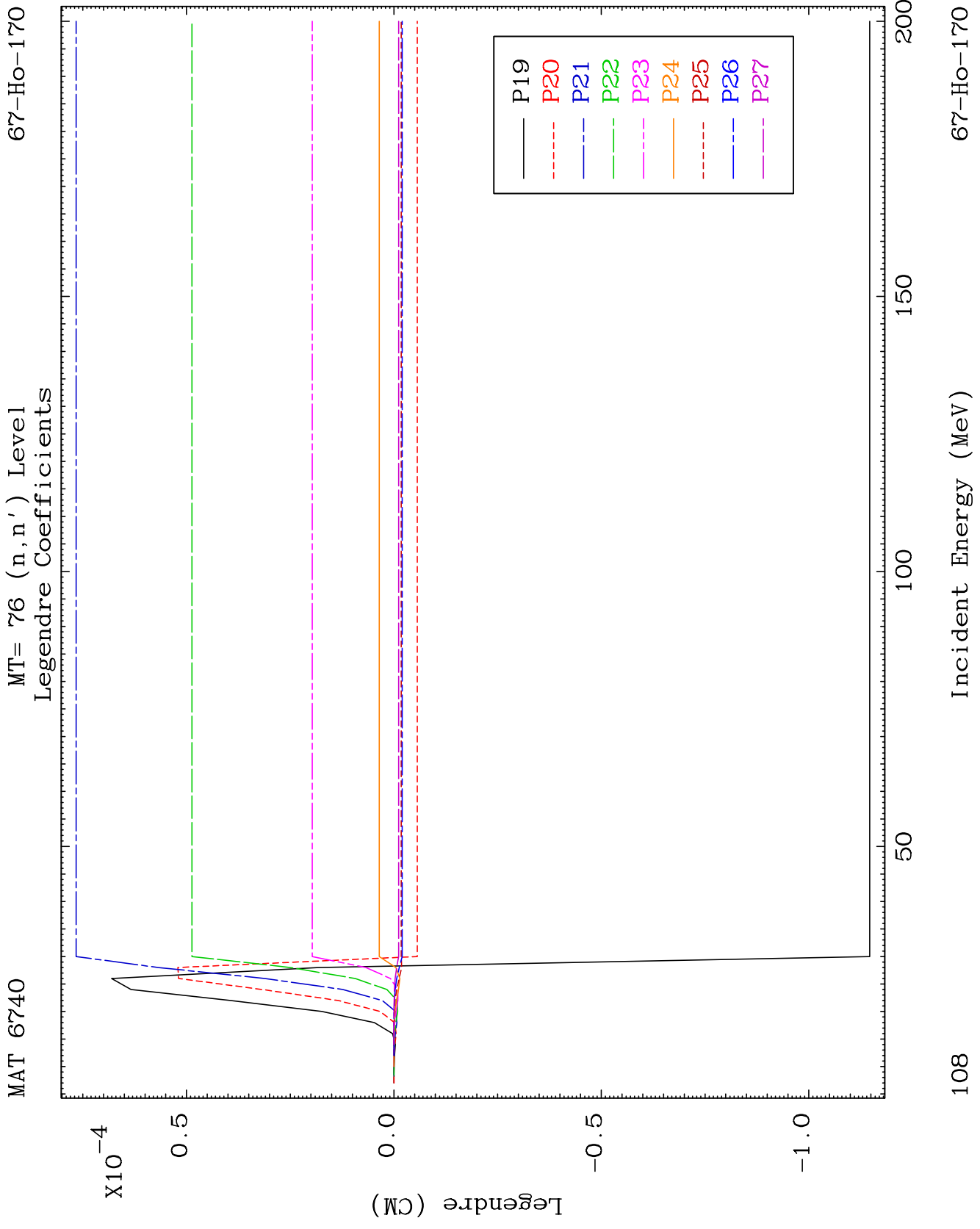
67-Ho-170

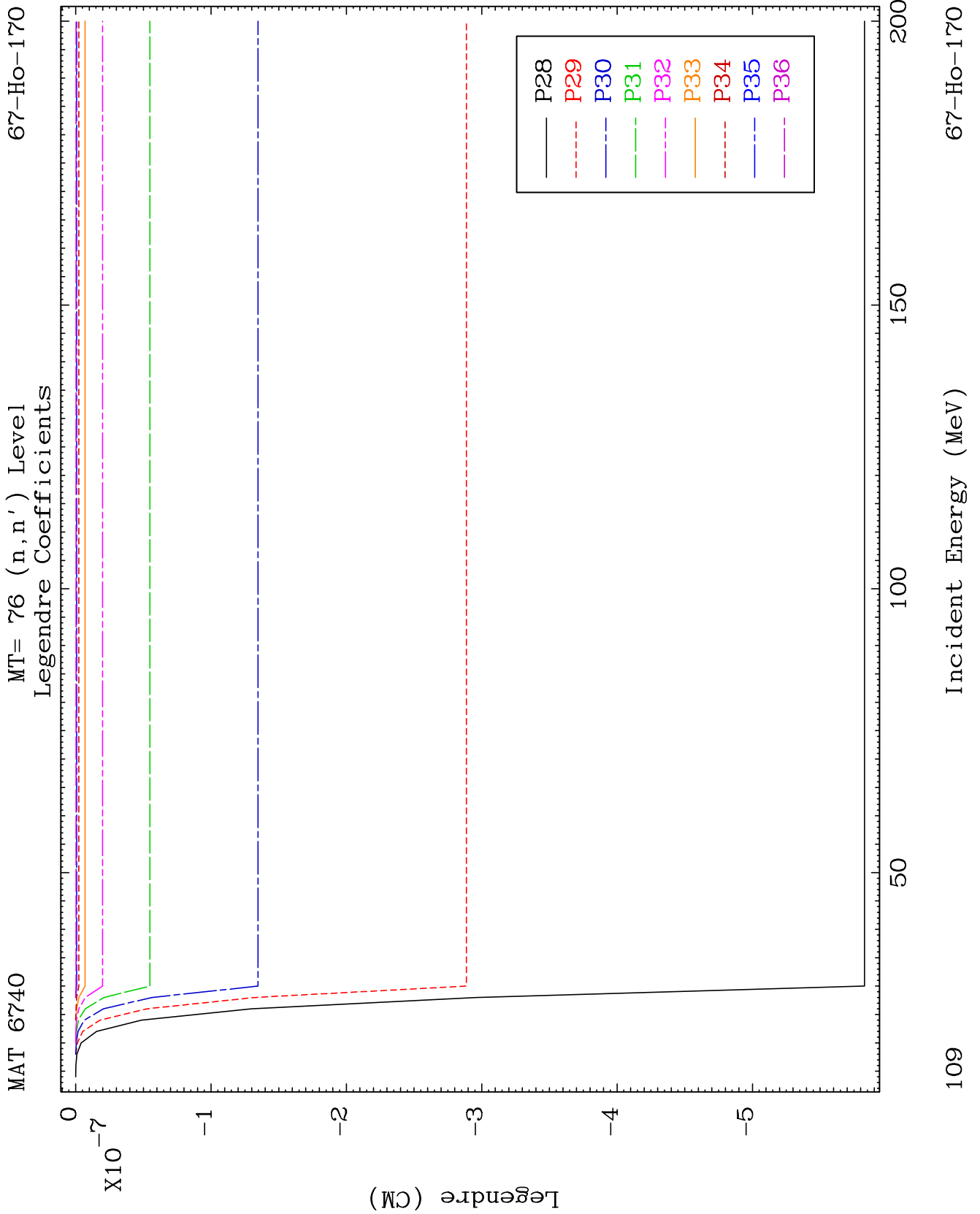


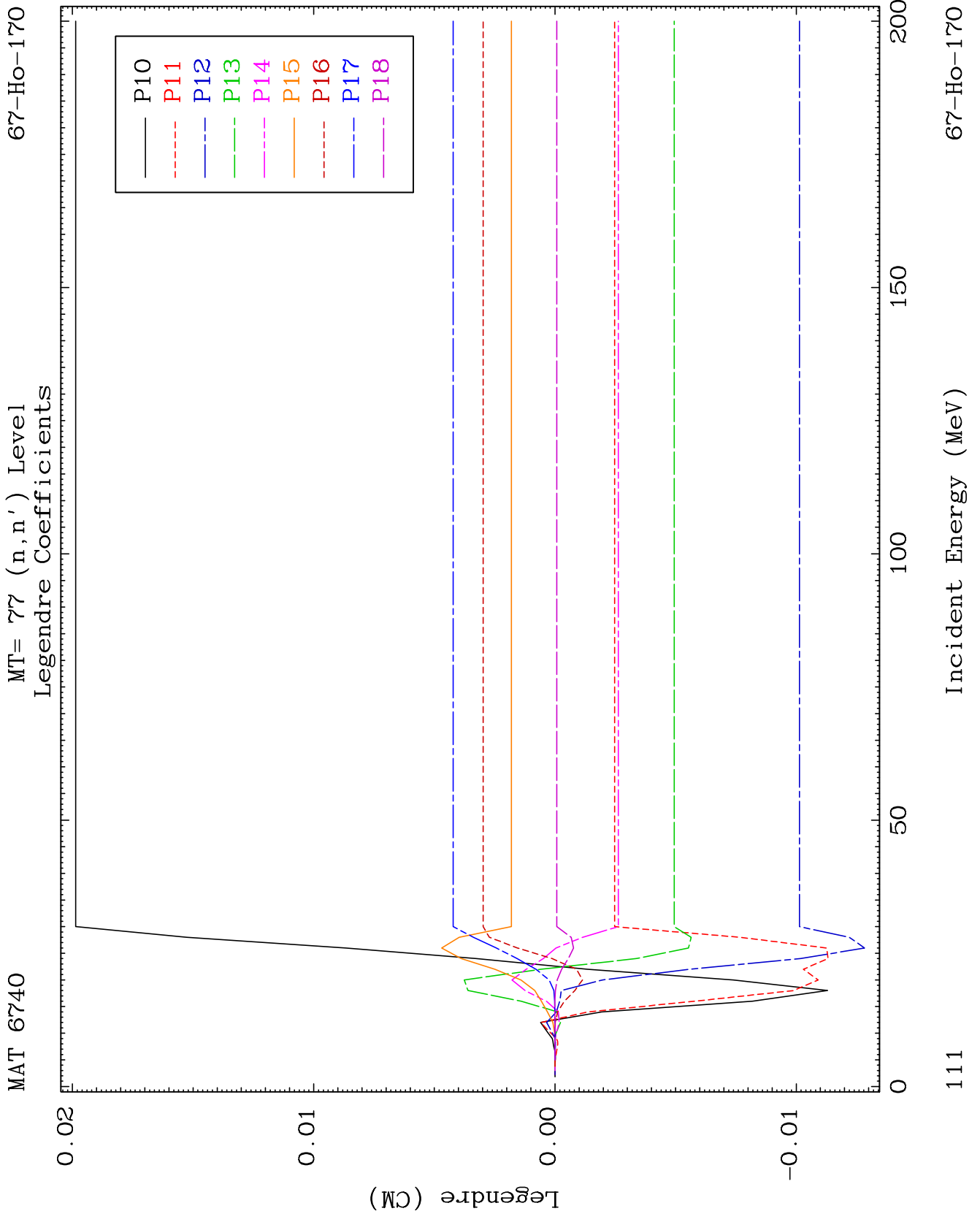
107

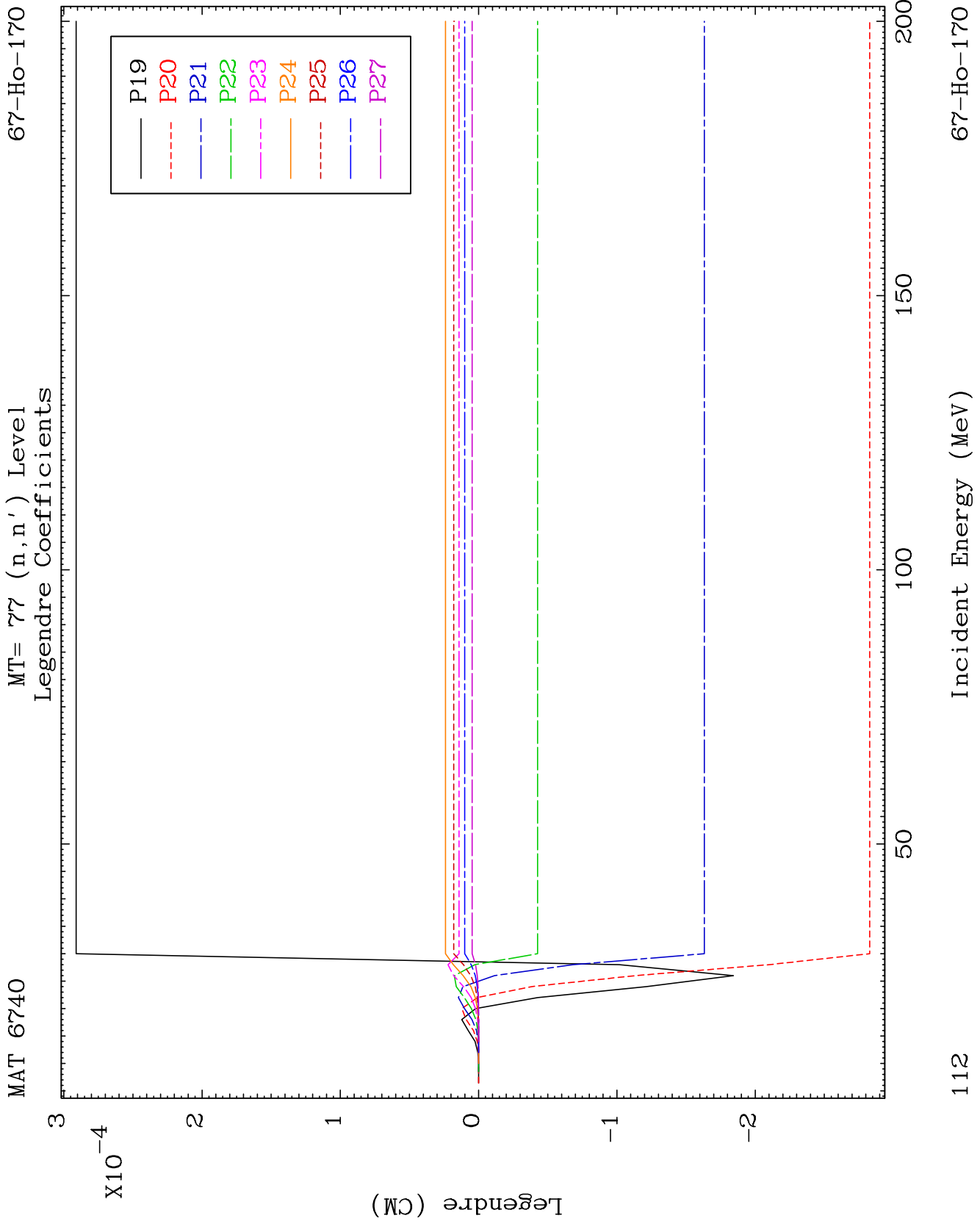
Incident Energy (MeV)

67-Ho-170





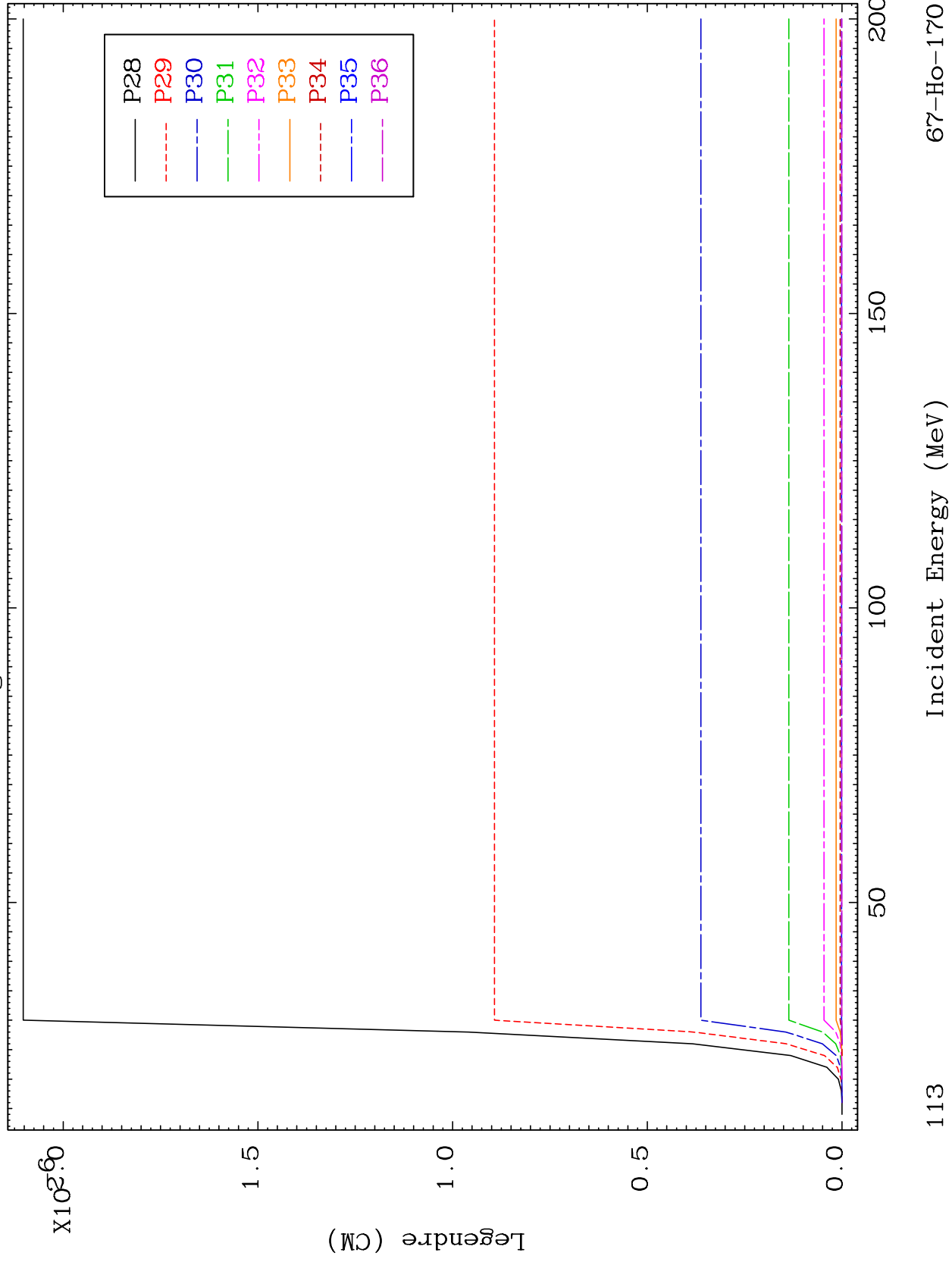




MAT 6740

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

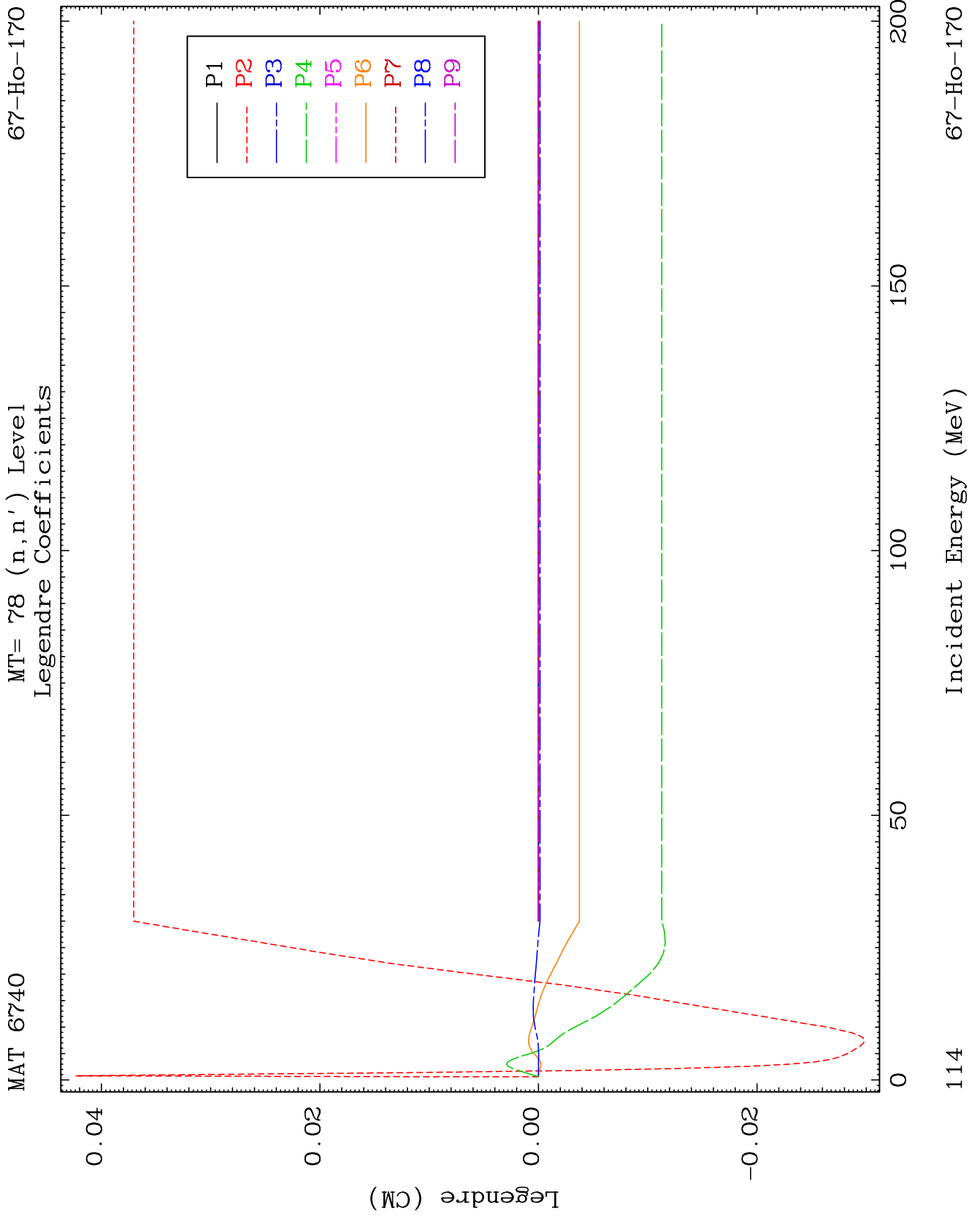
67-Ho-170

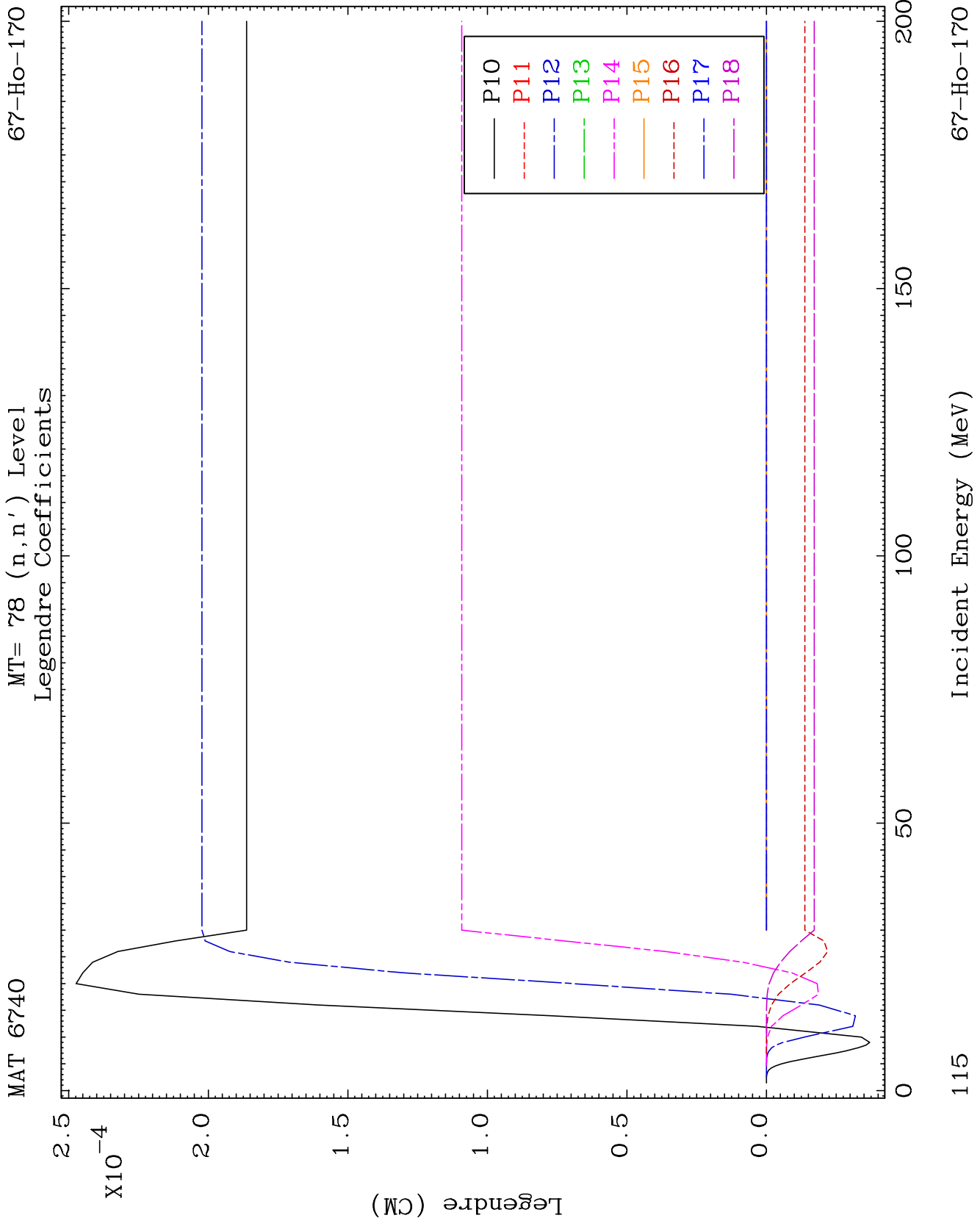


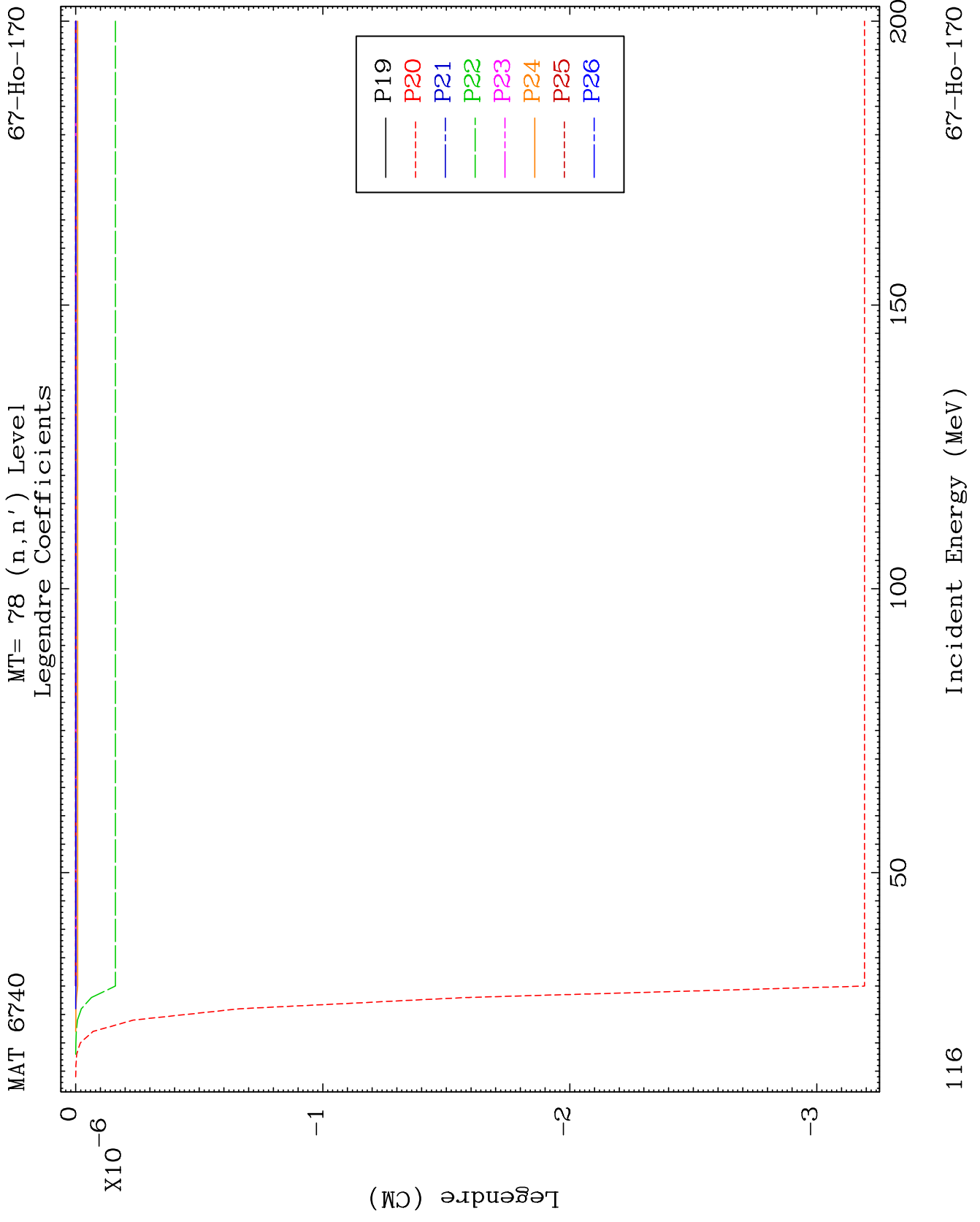
113

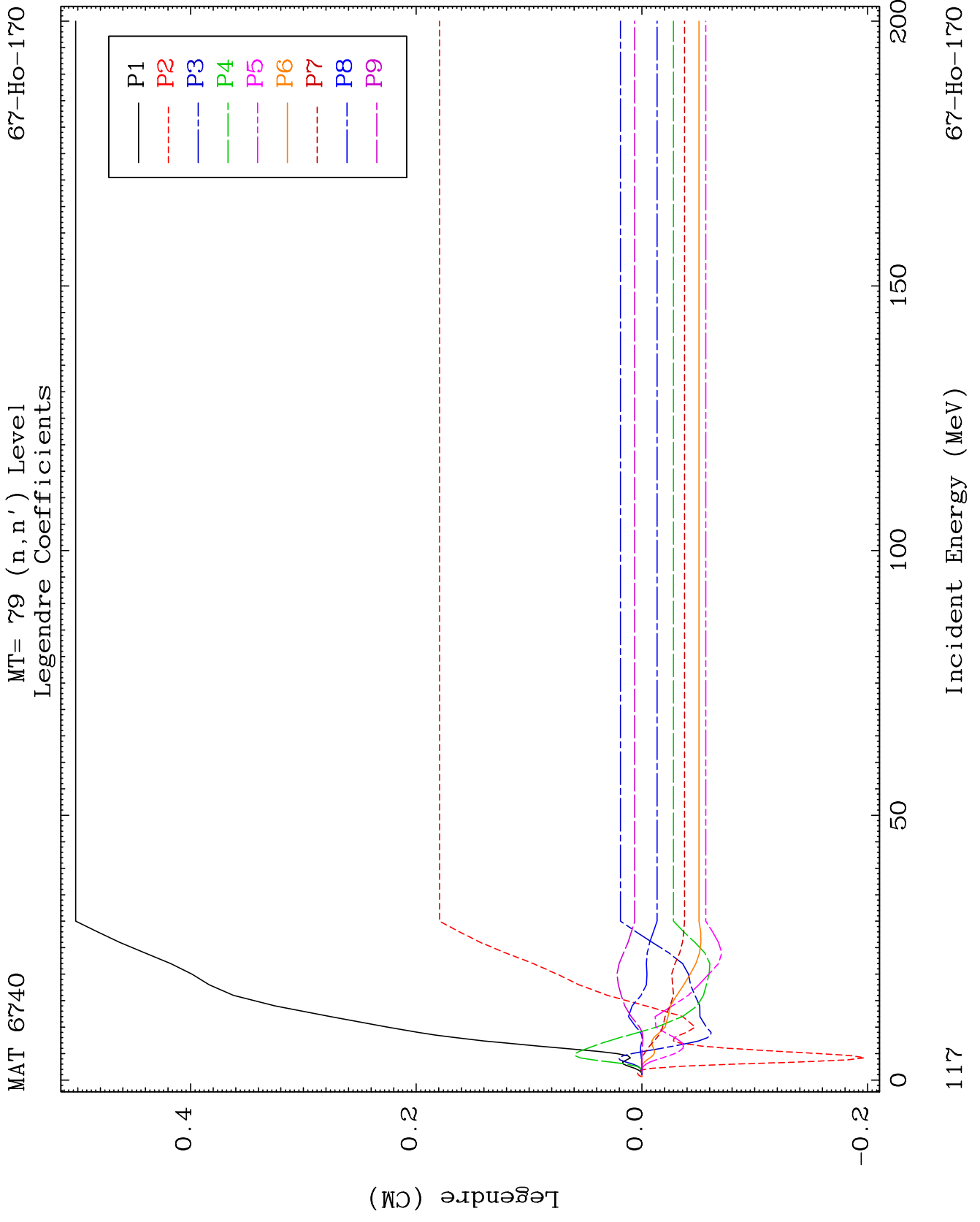
Incident Energy (MeV)

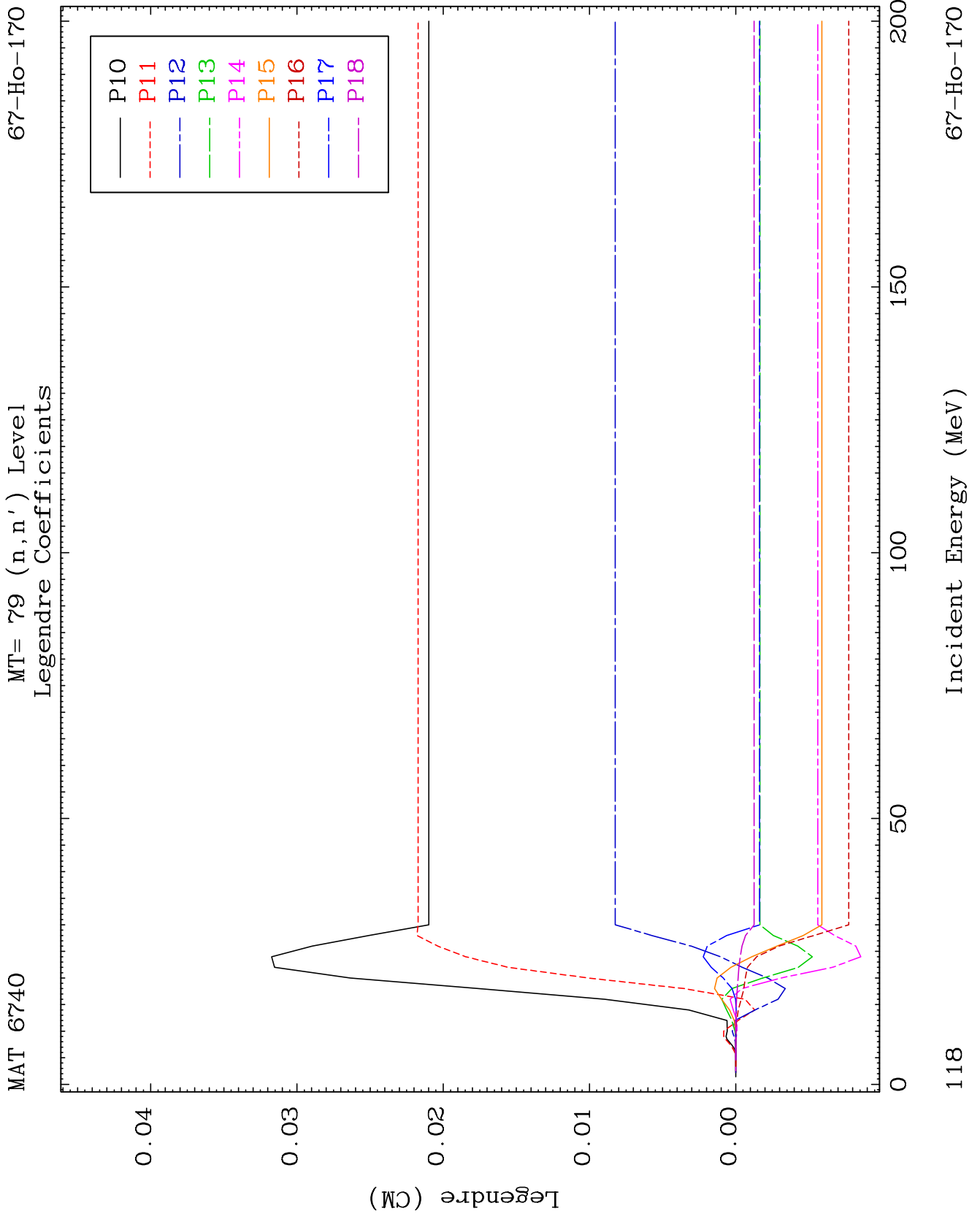
67-Ho-170







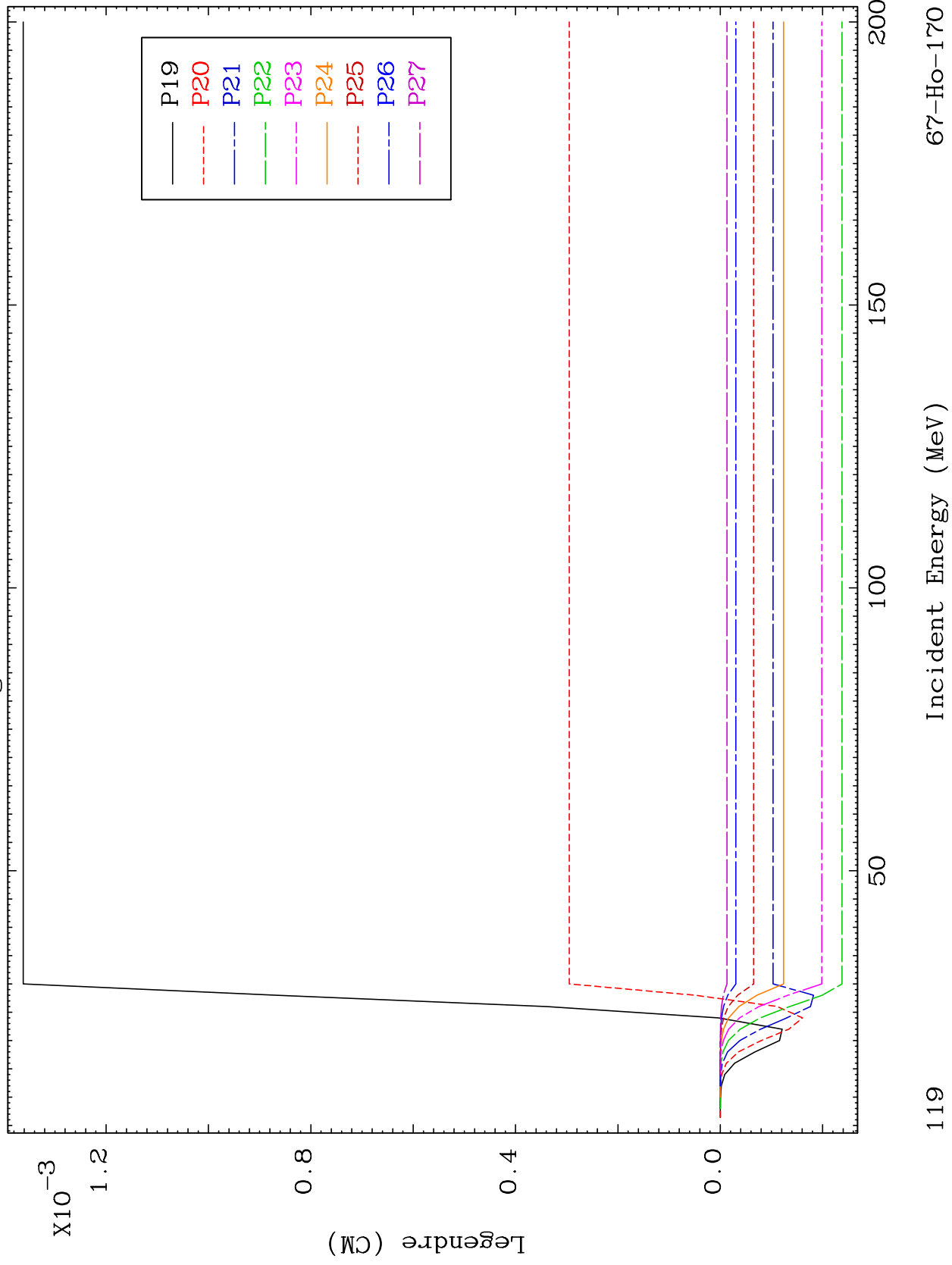




MAT 6740

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

67-Ho-170



119

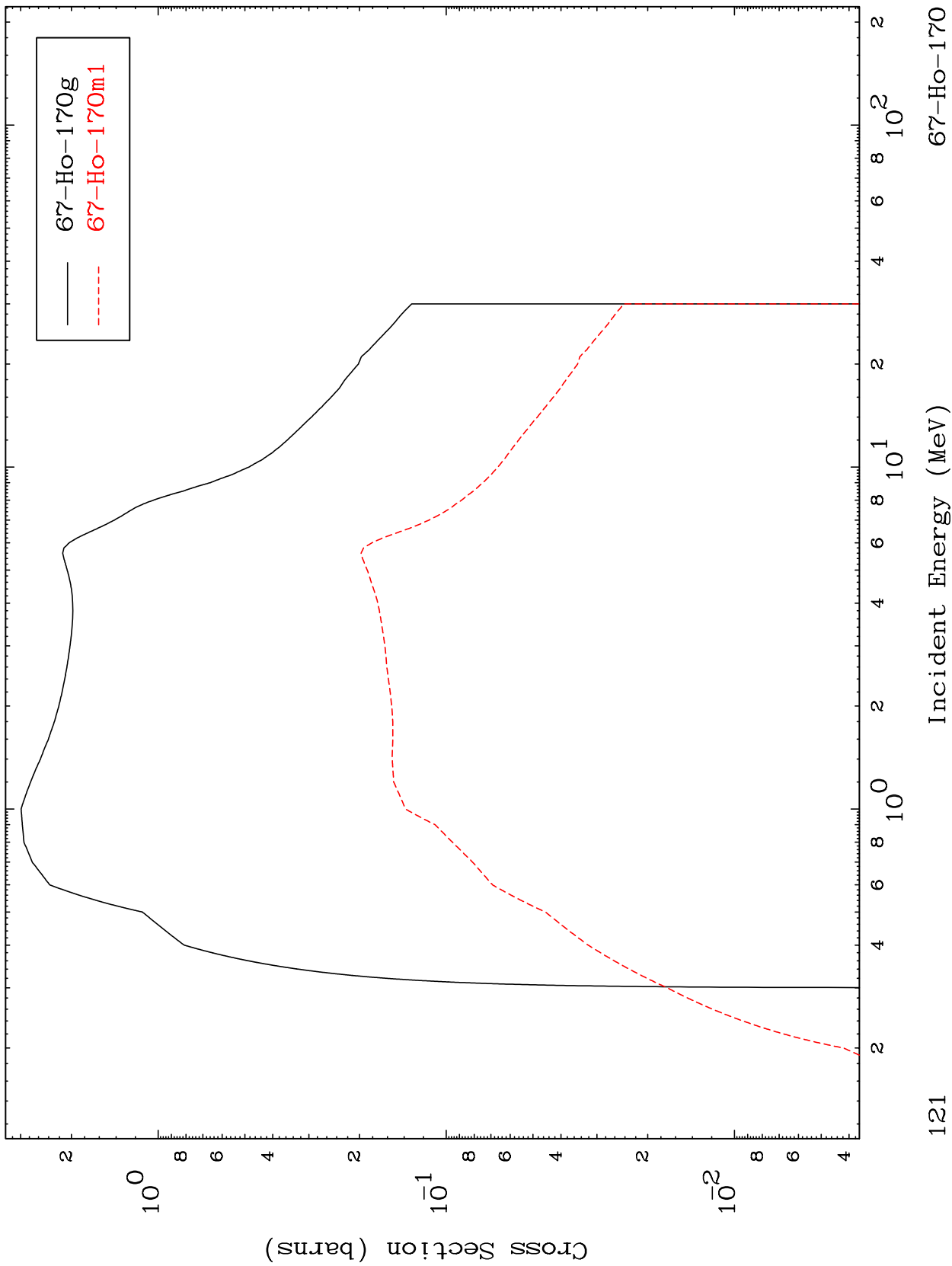
Incident Energy (MeV)

67-Ho-170

MAT 6740

67-Ho-170

Inelastic
Radionuclide Production Cross Section



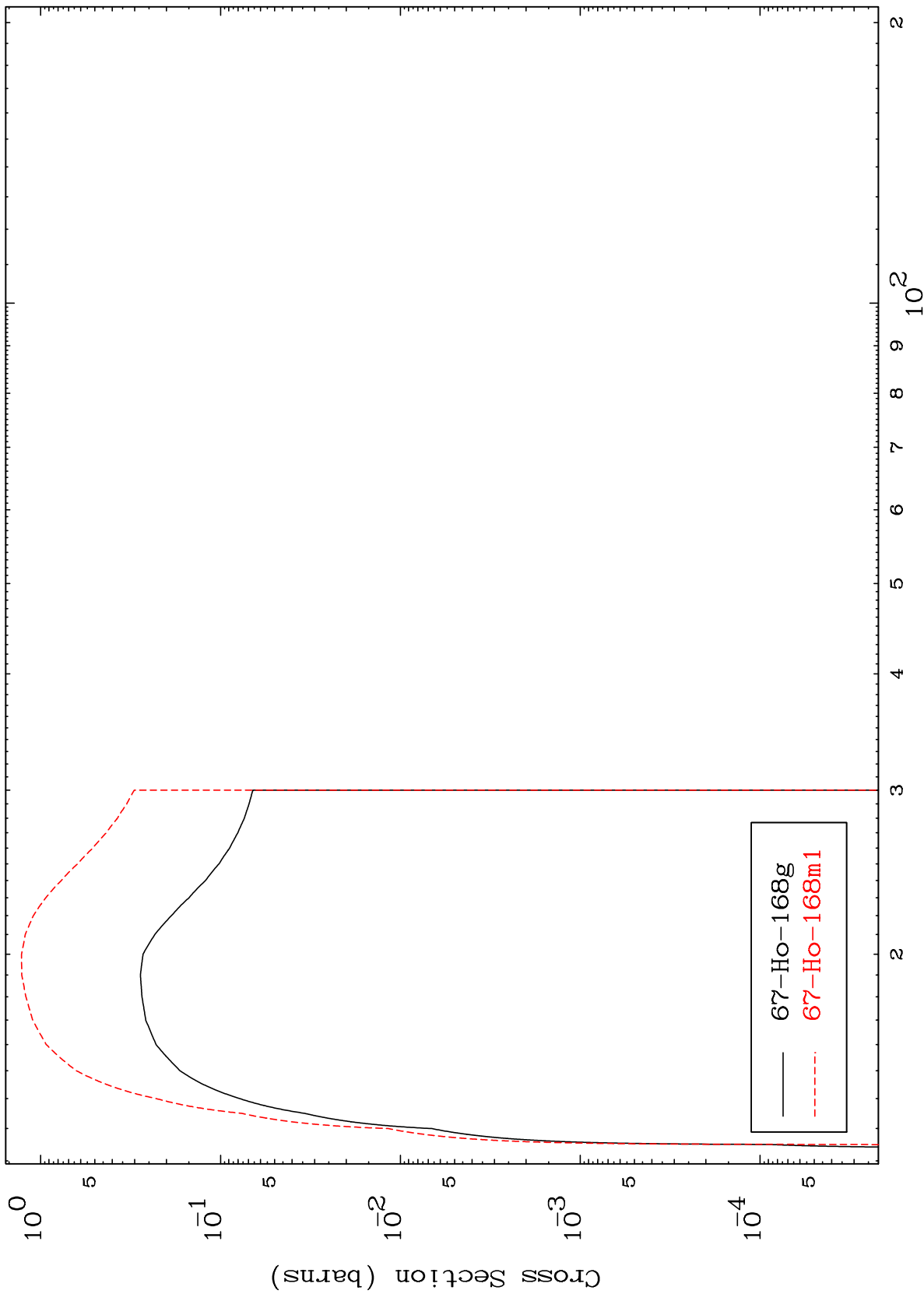
121

67-Ho-170

MAT 6740

67-Ho-170

(n,3n)
Radionuclide Production Cross Section



67-Ho-170

Incident Energy (MeV)

122