

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

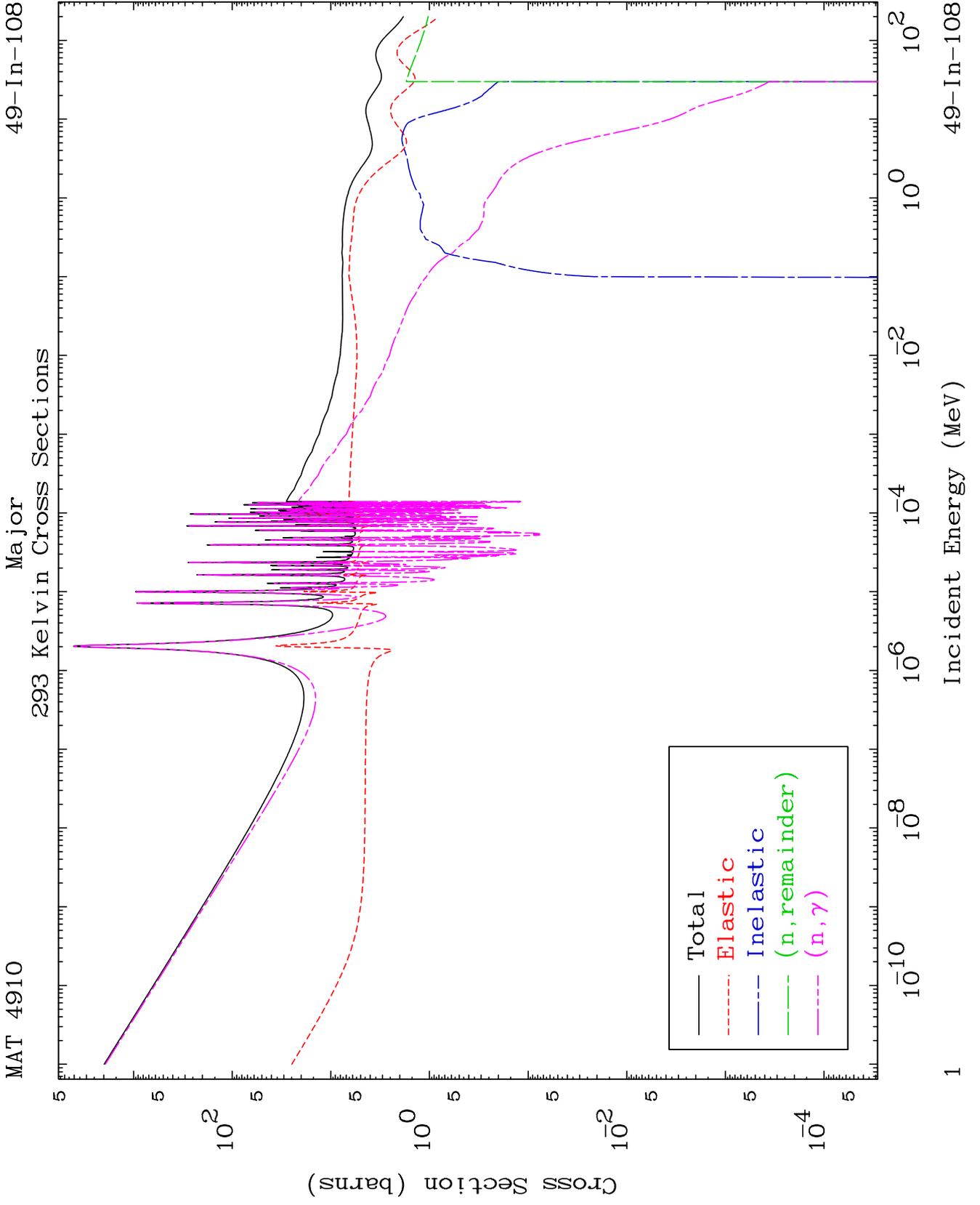
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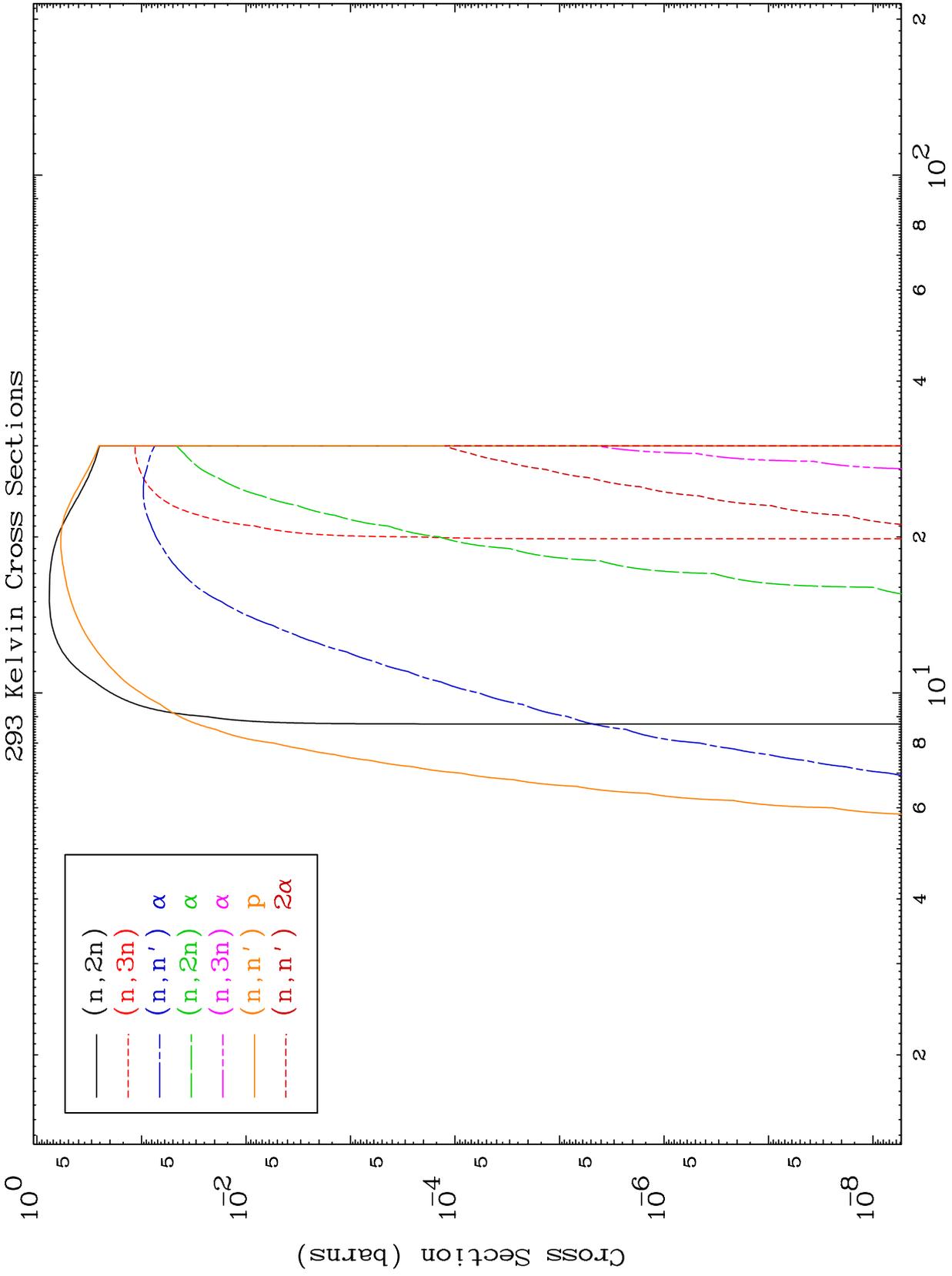
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MAT 4910

Neutron Production
293 Kelvin Cross Sections

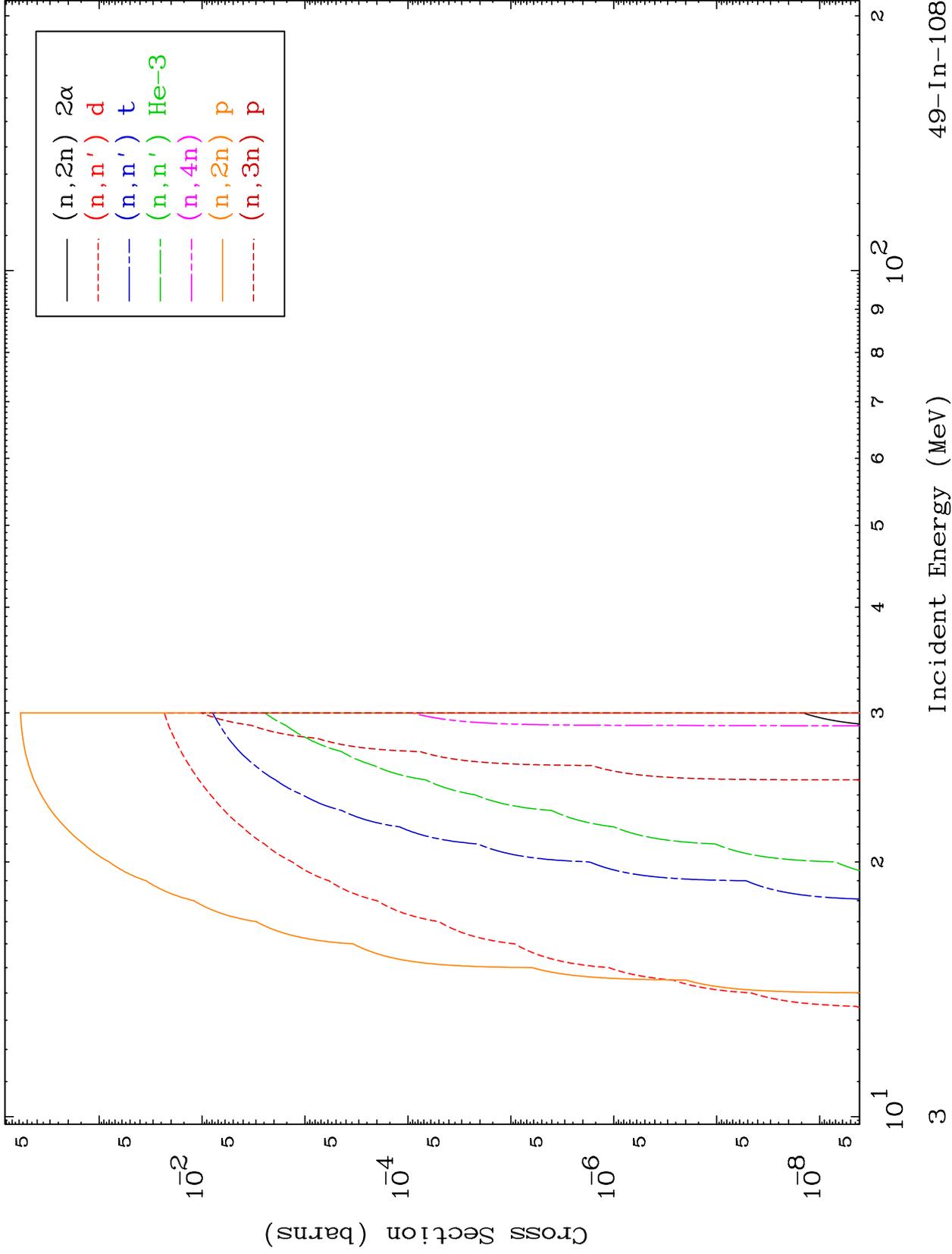
49-In-108



MAT 4910

Neutron Production
293 Kelvin Cross Sections

49-In-108



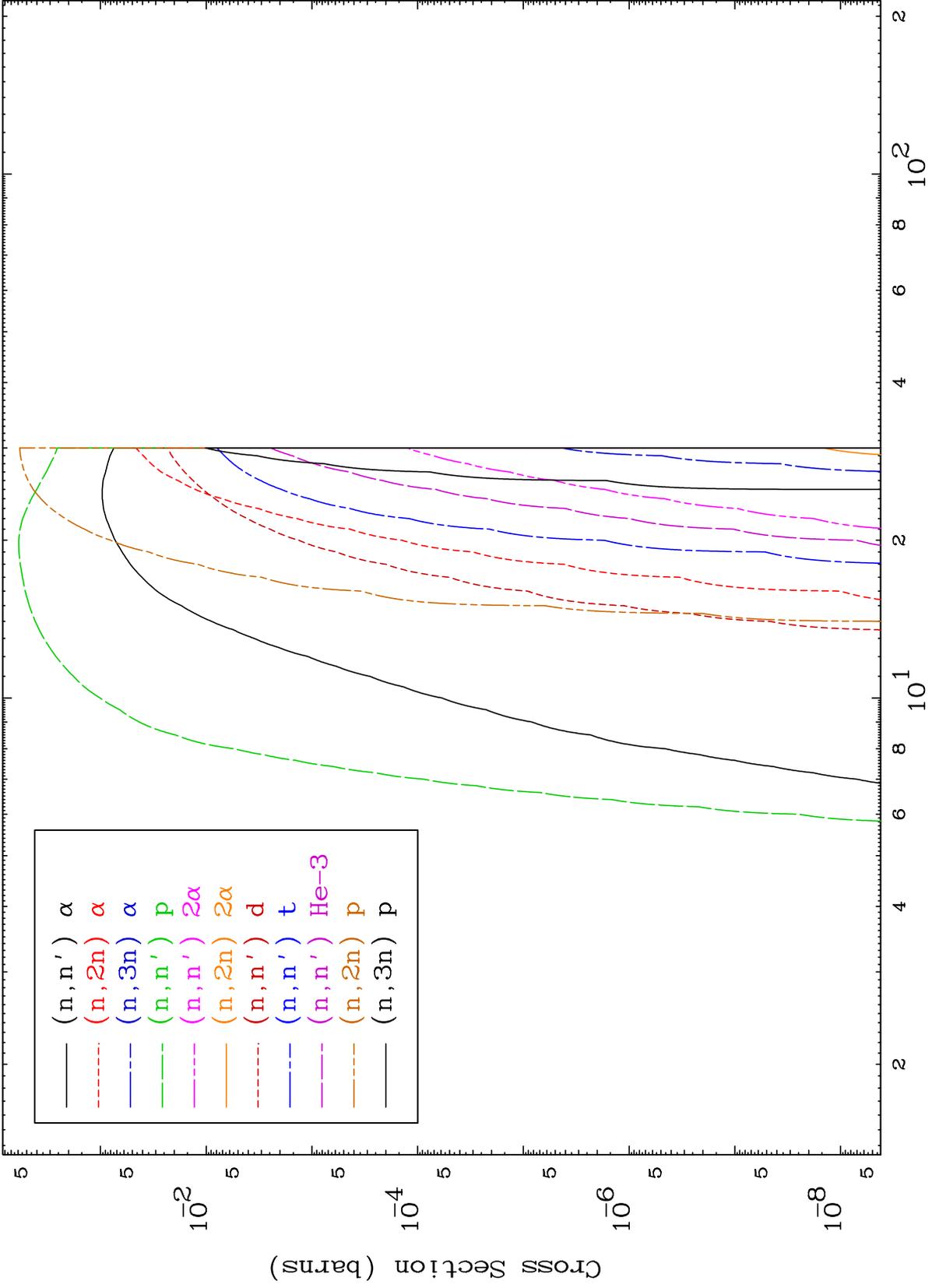
49-In-108

Incident Energy (MeV)

MAT 4910

Charged Particle
293 Kelvin Cross Sections

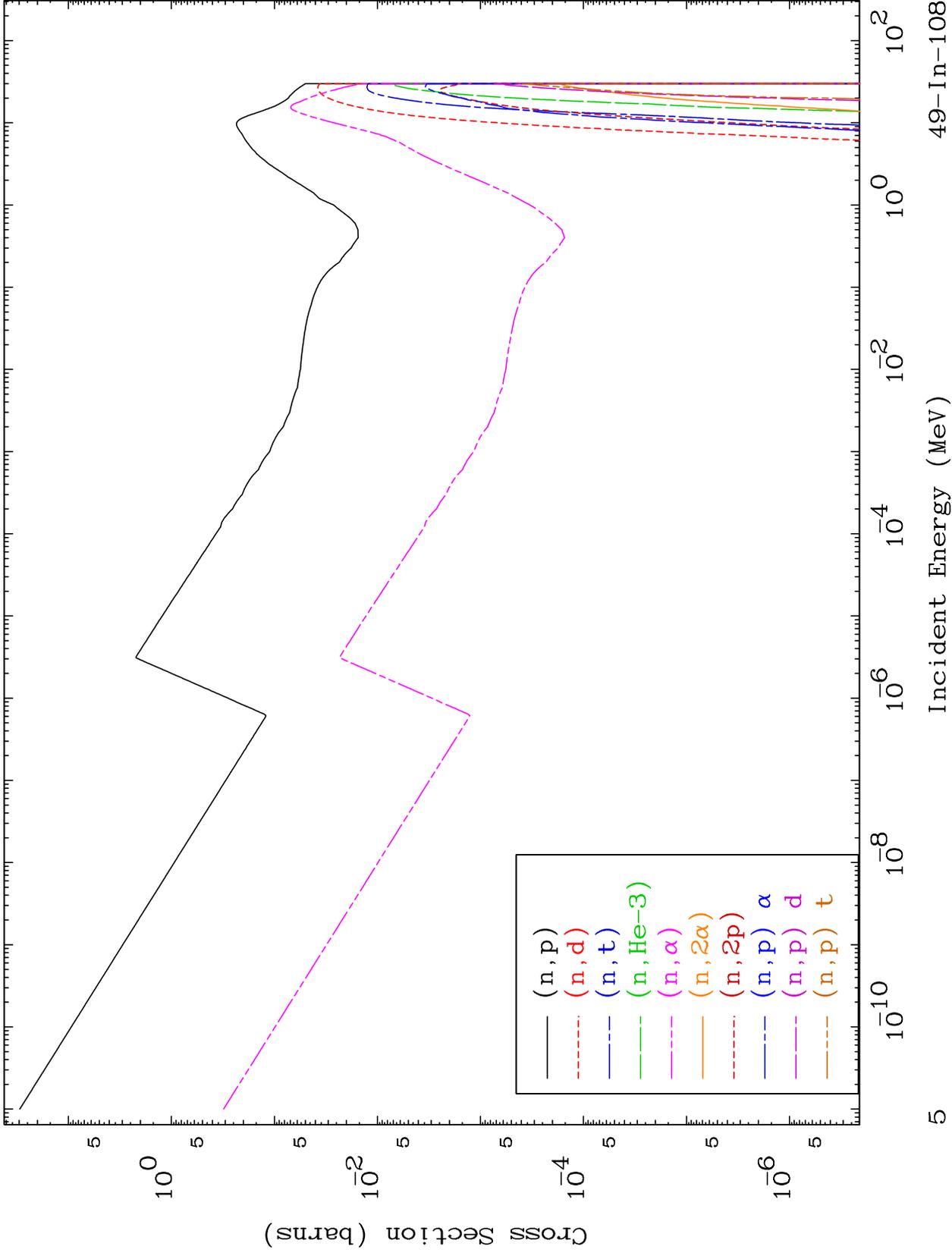
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MAT 4910

Charged Particle
293 Kelvin Cross Sections

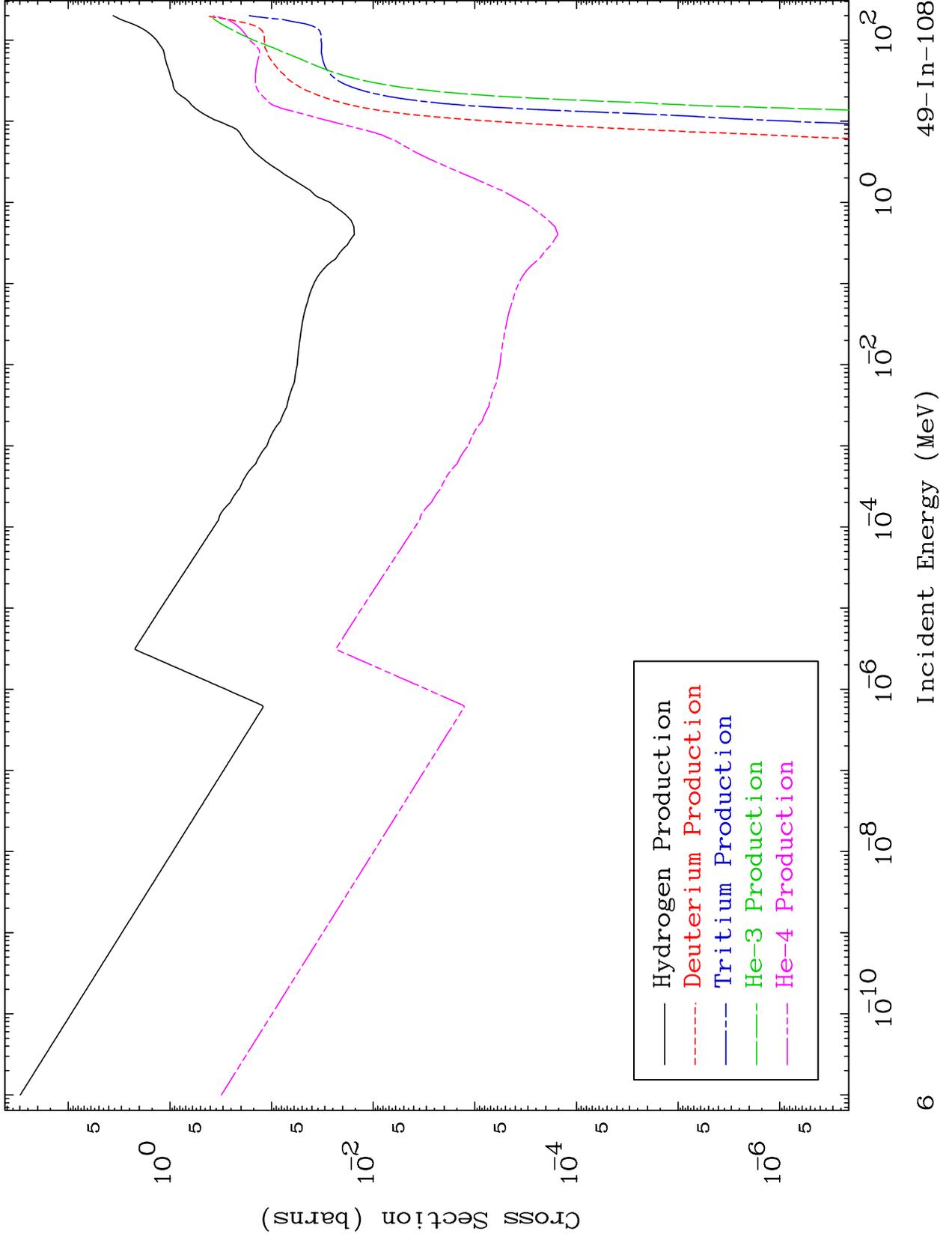
49-In-108



MAT 4910

Particle Production
293 Kelvin Cross Sections

49-In-108

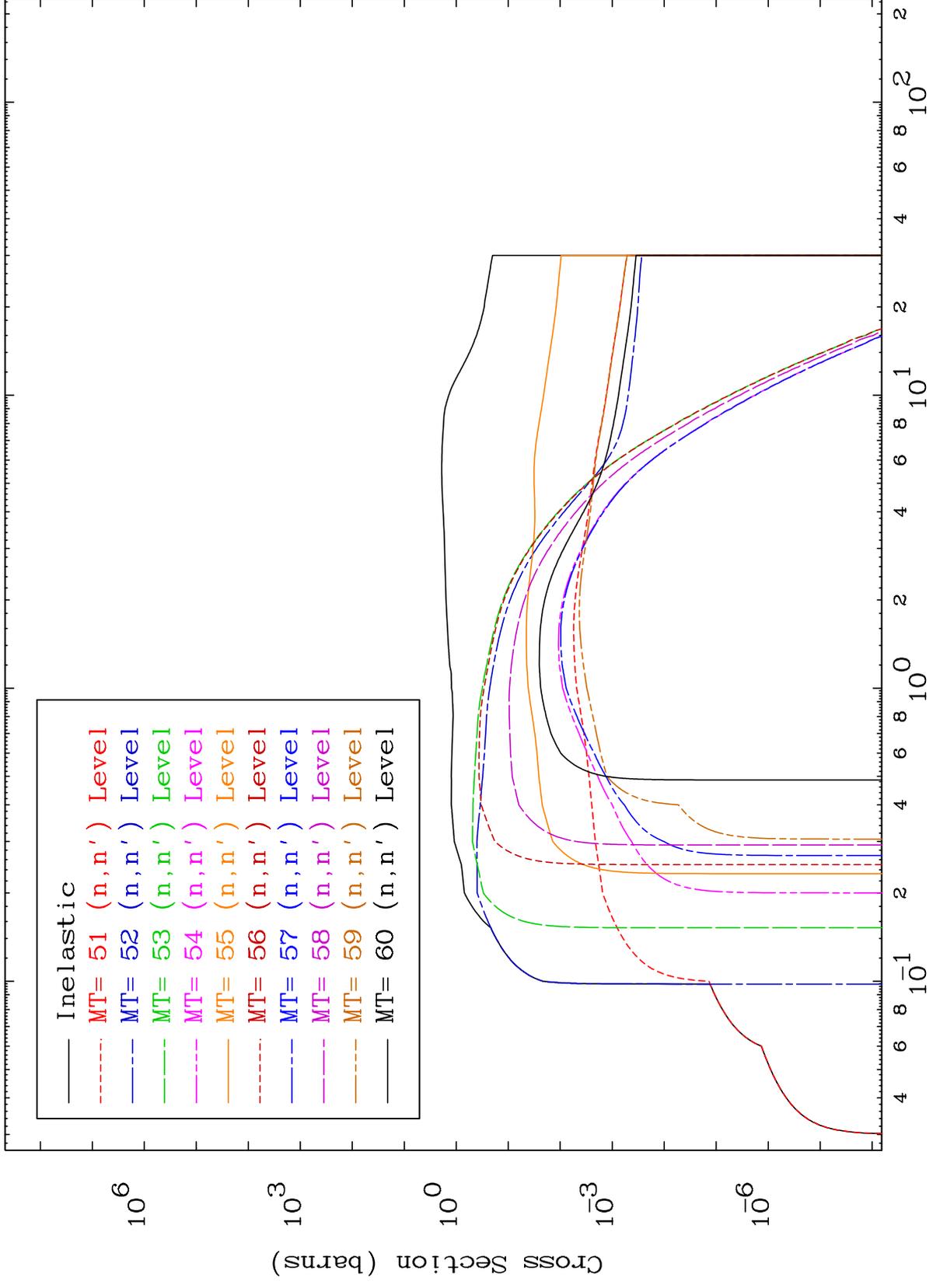


MAT 4910

(n,n') Level

49-In-108

293 Kelvin Cross Sections

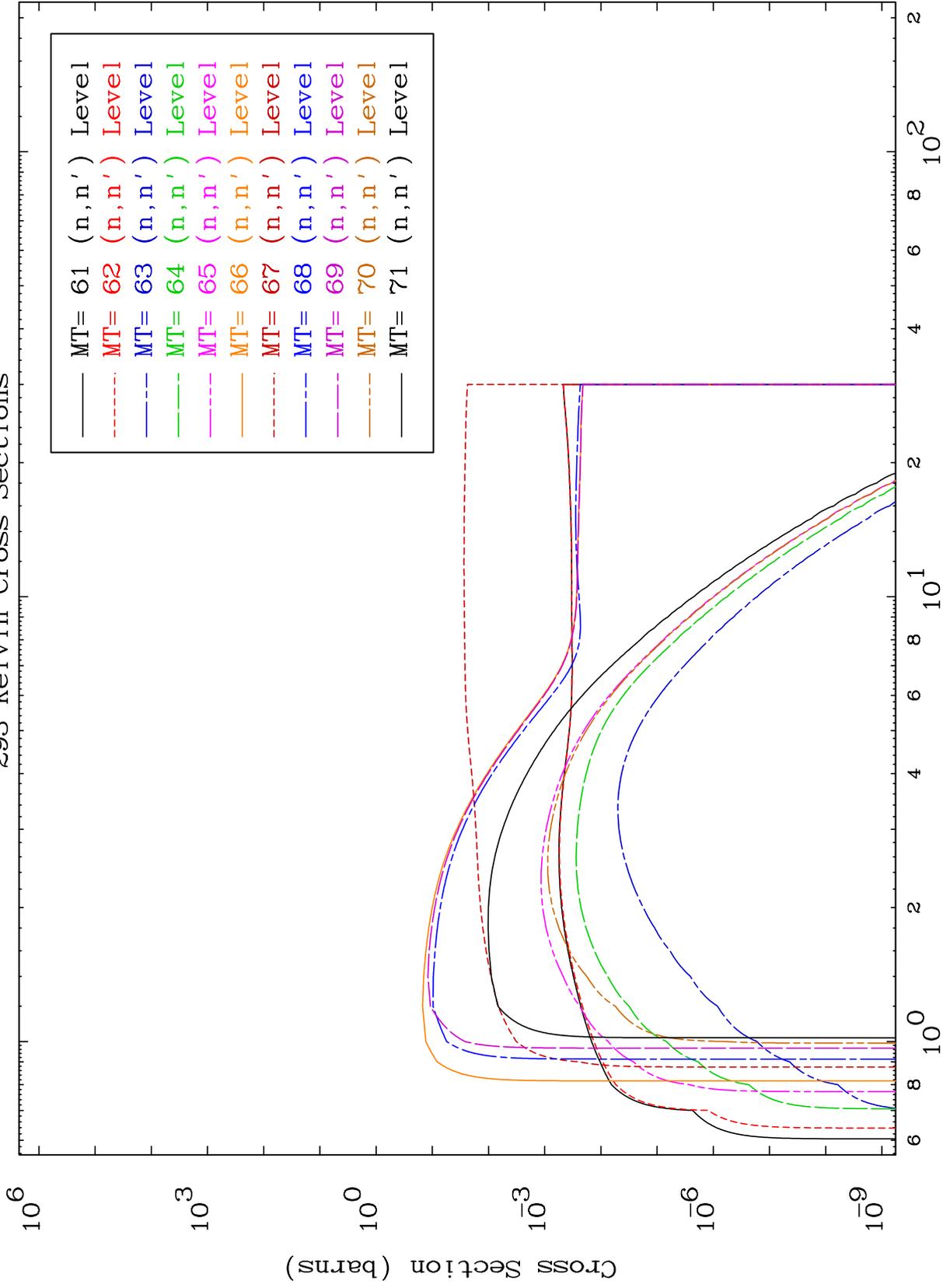


MAT 4910

(n,n') Level

49-In-108

293 Kelvin Cross Sections



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Incident Energy (MeV)

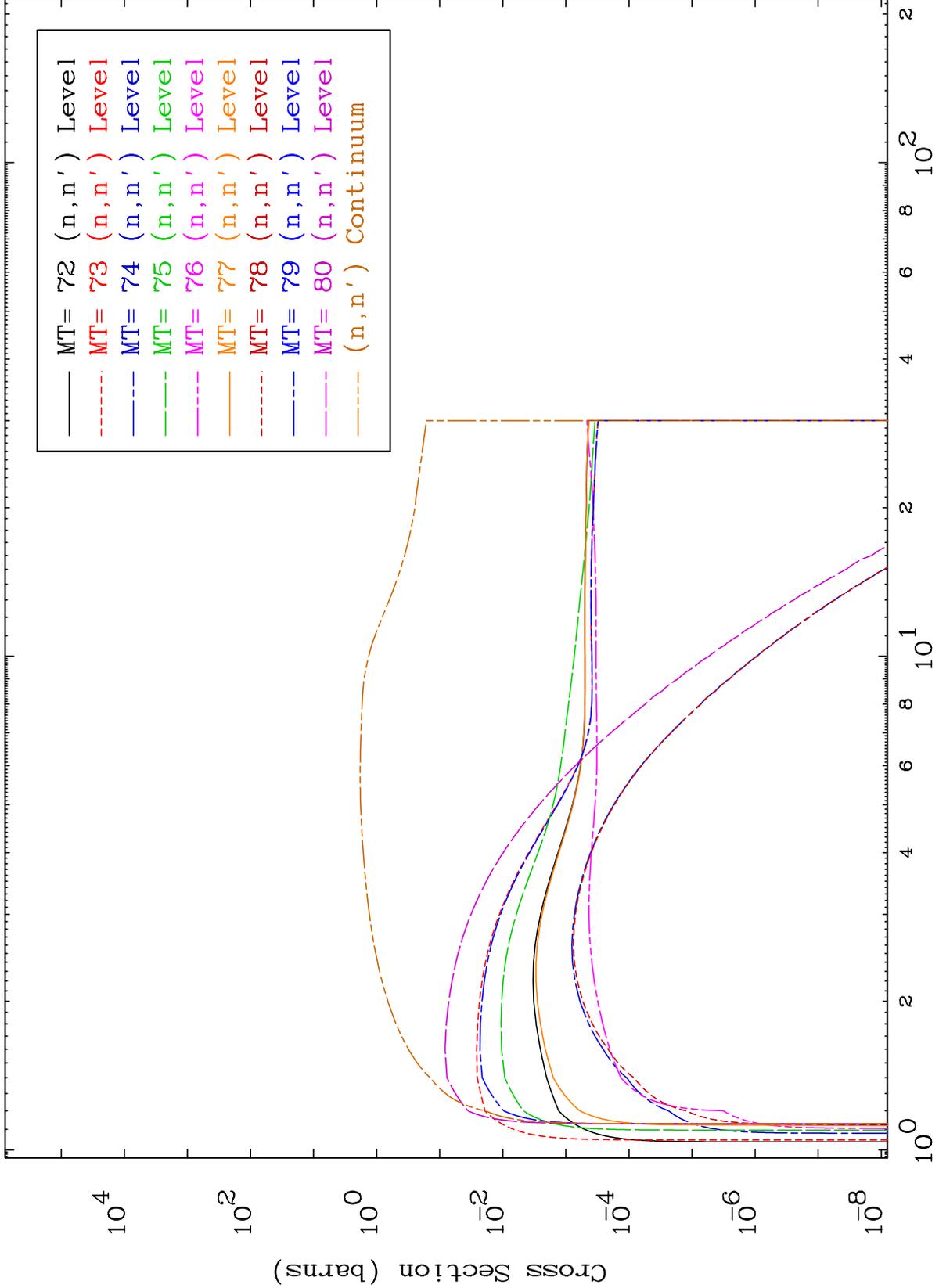
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MAT 4910

(n,n') Level

49-In-108

293 Kelvin Cross Sections



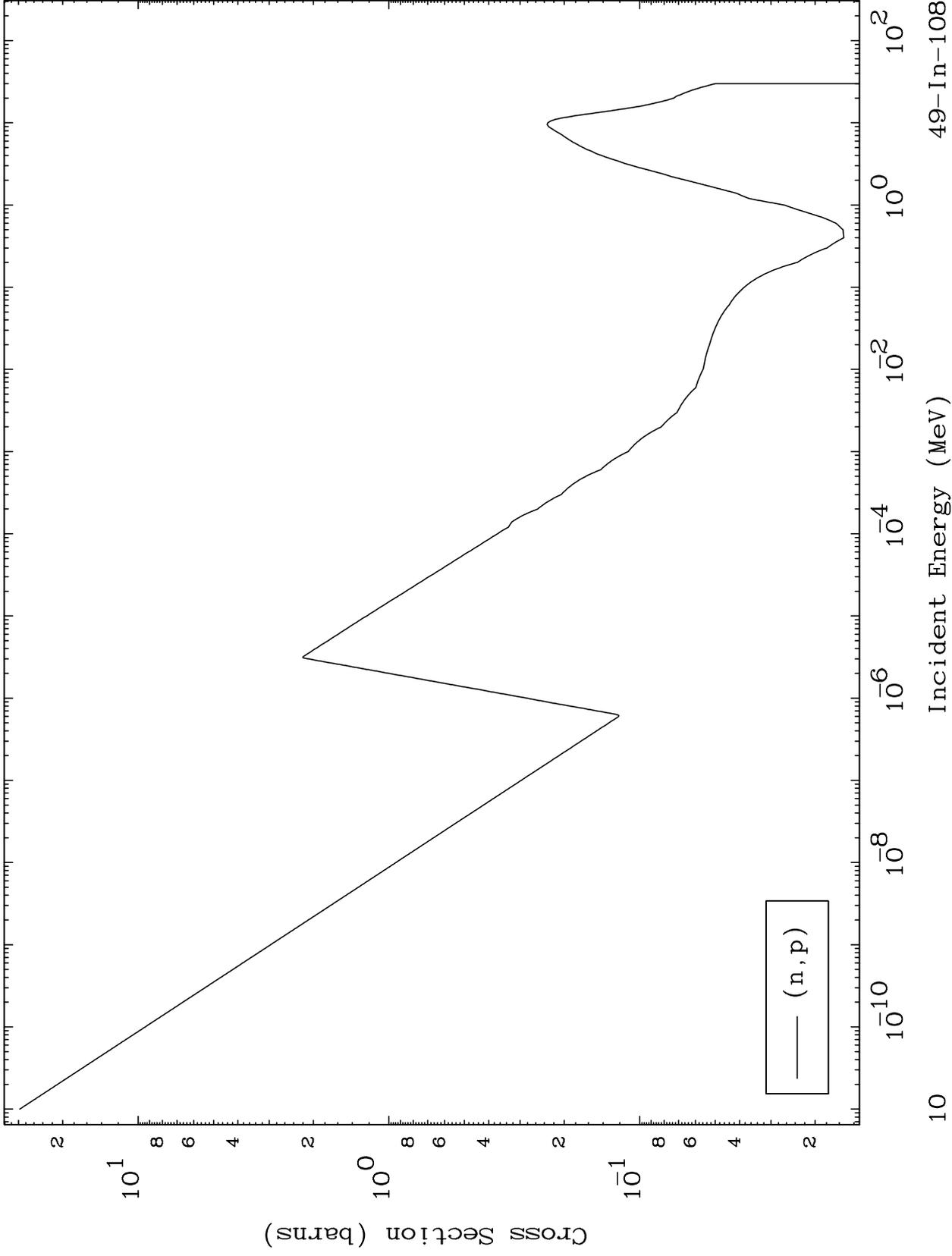
Incident Energy (MeV)

49-In-108

MAT 4910

(n,p) Levels
293 Kelvin Cross Sections

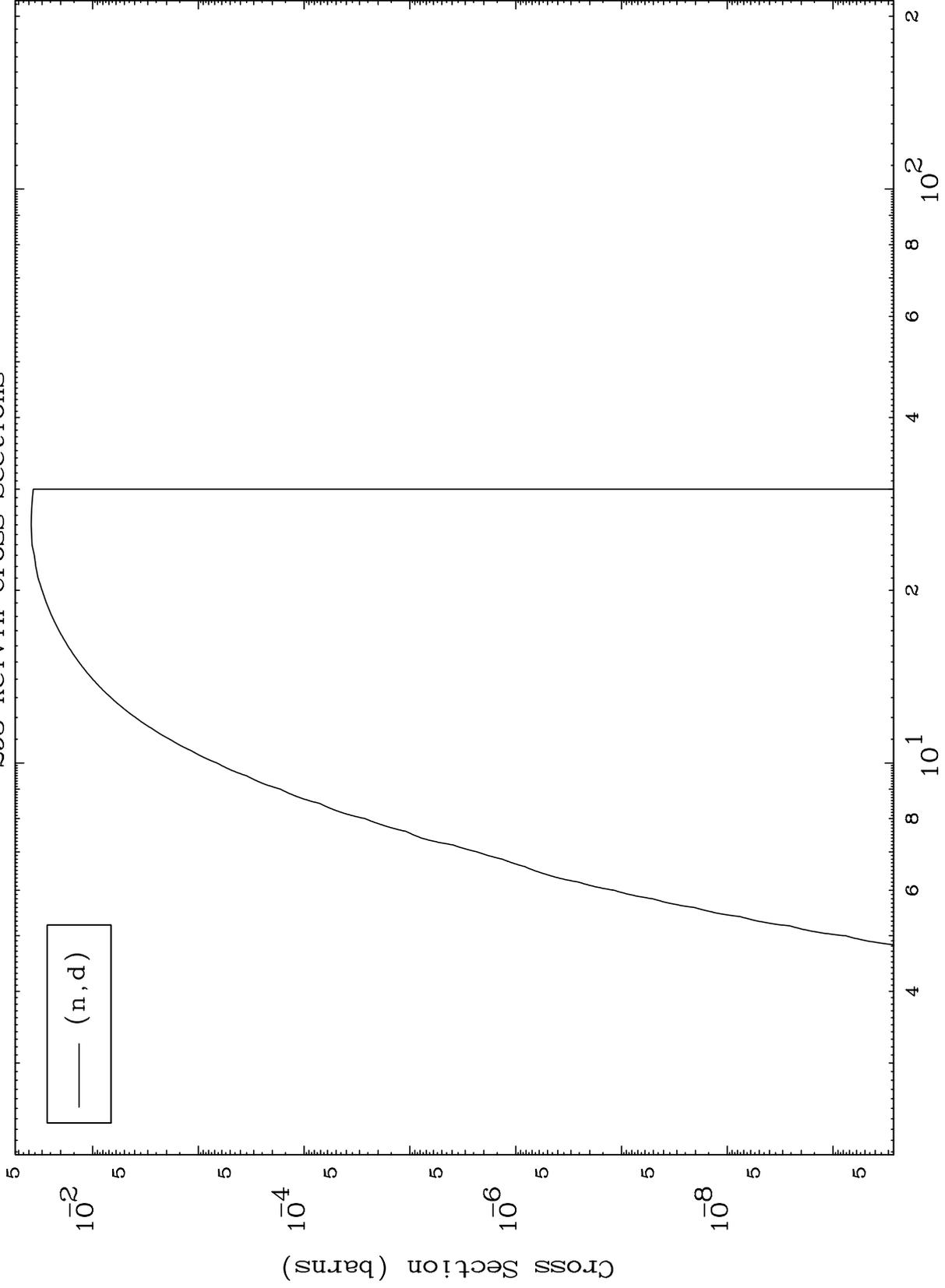
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MAT 4910

(n,d) Levels
293 Kelvin Cross Sections

49-In-108

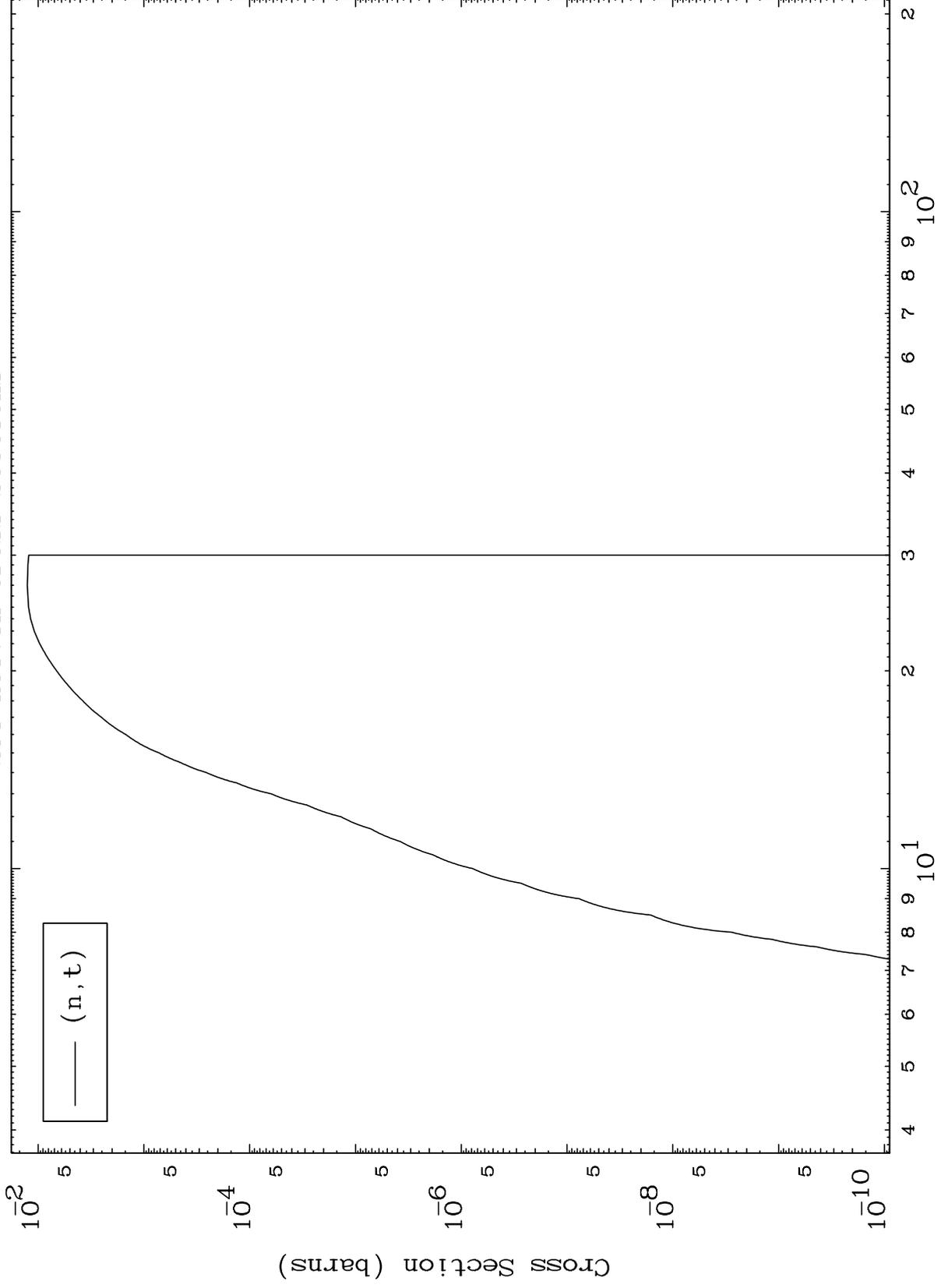


(n,d)

MAT 4910

(n,t) Levels
293 Kelvin Cross Sections

49-In-108



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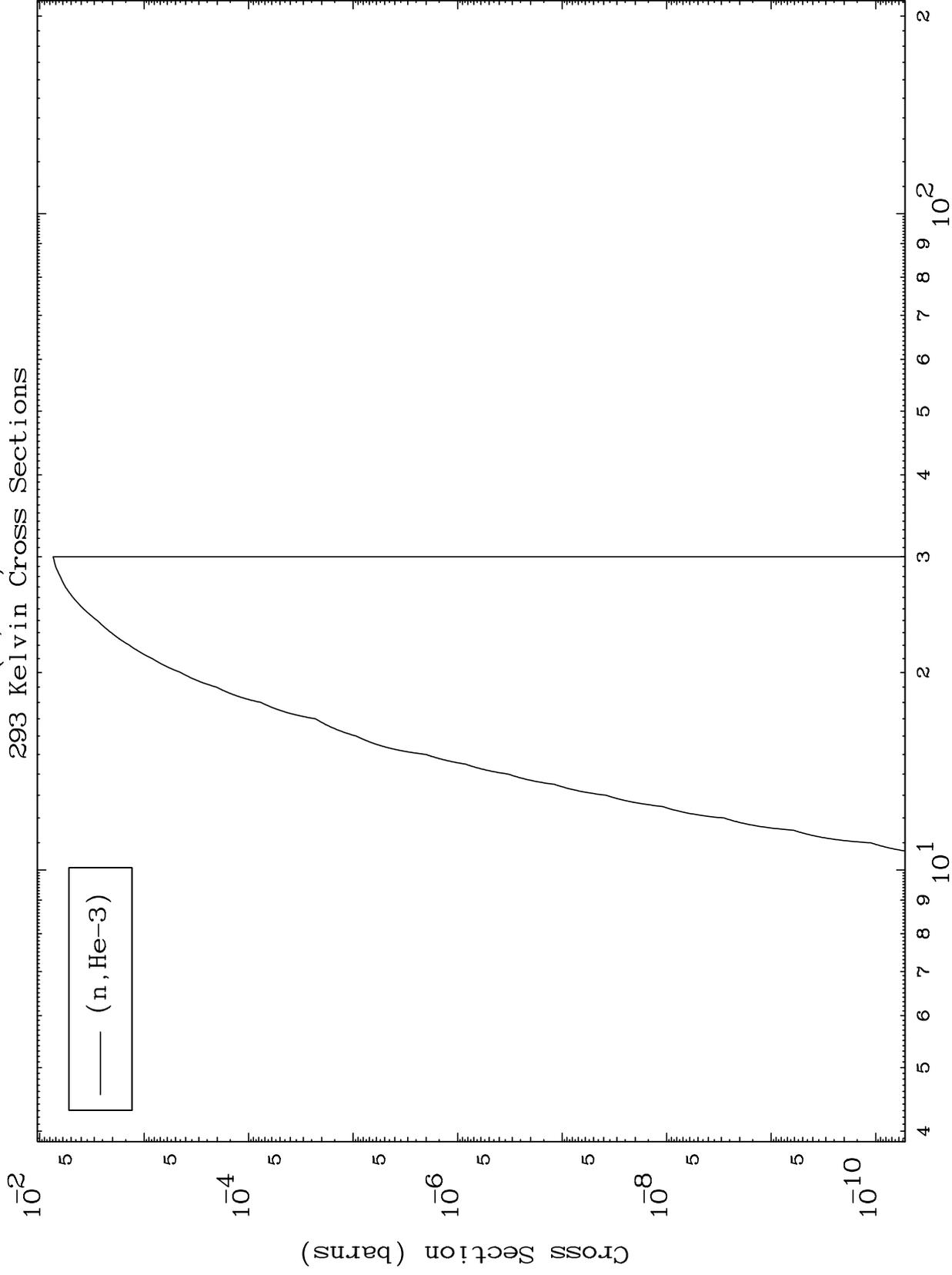
Incident Energy (MeV)

49-In-108

MAT 4910

(n,He3) Levels
293 Kelvin Cross Sections

49-In-108



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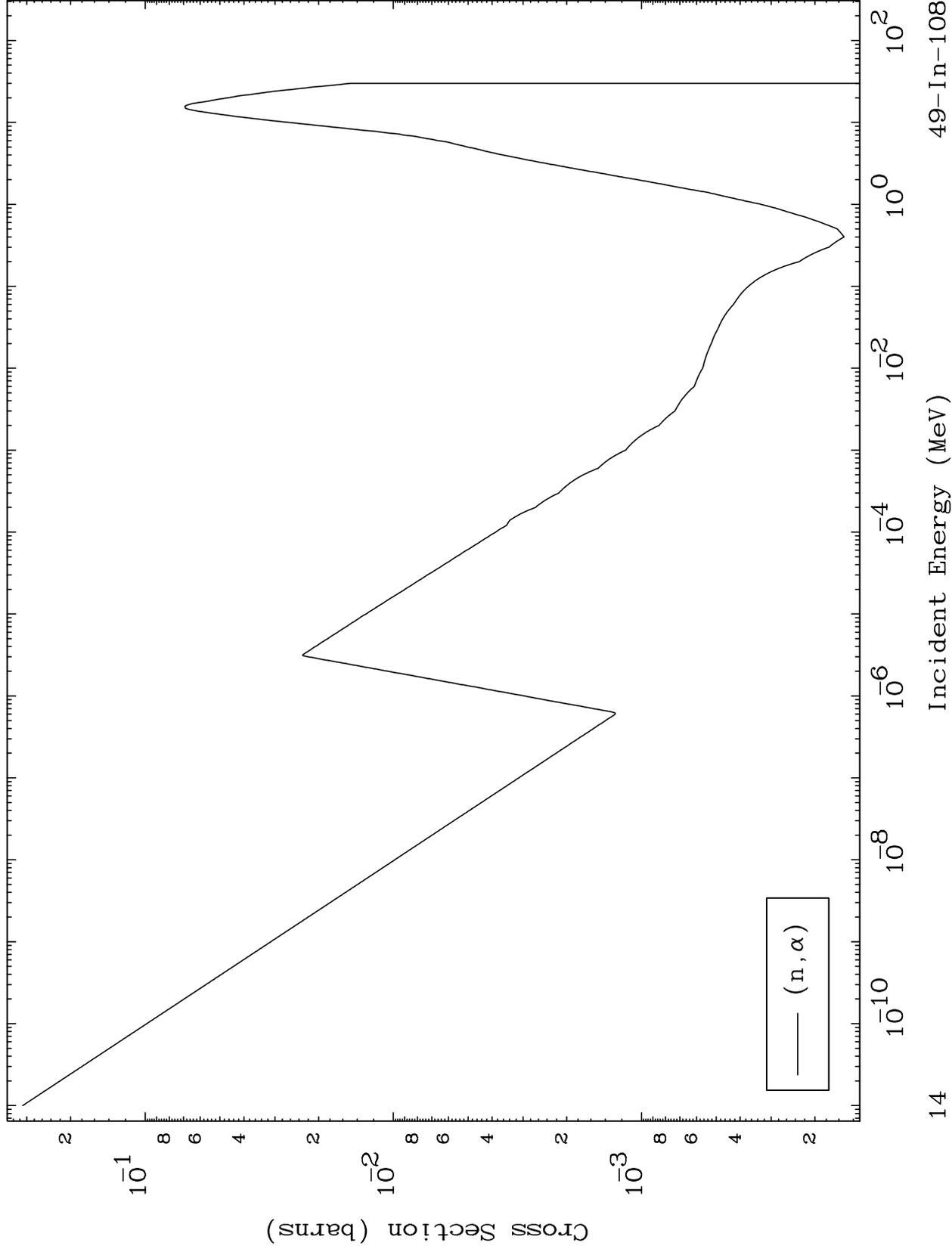
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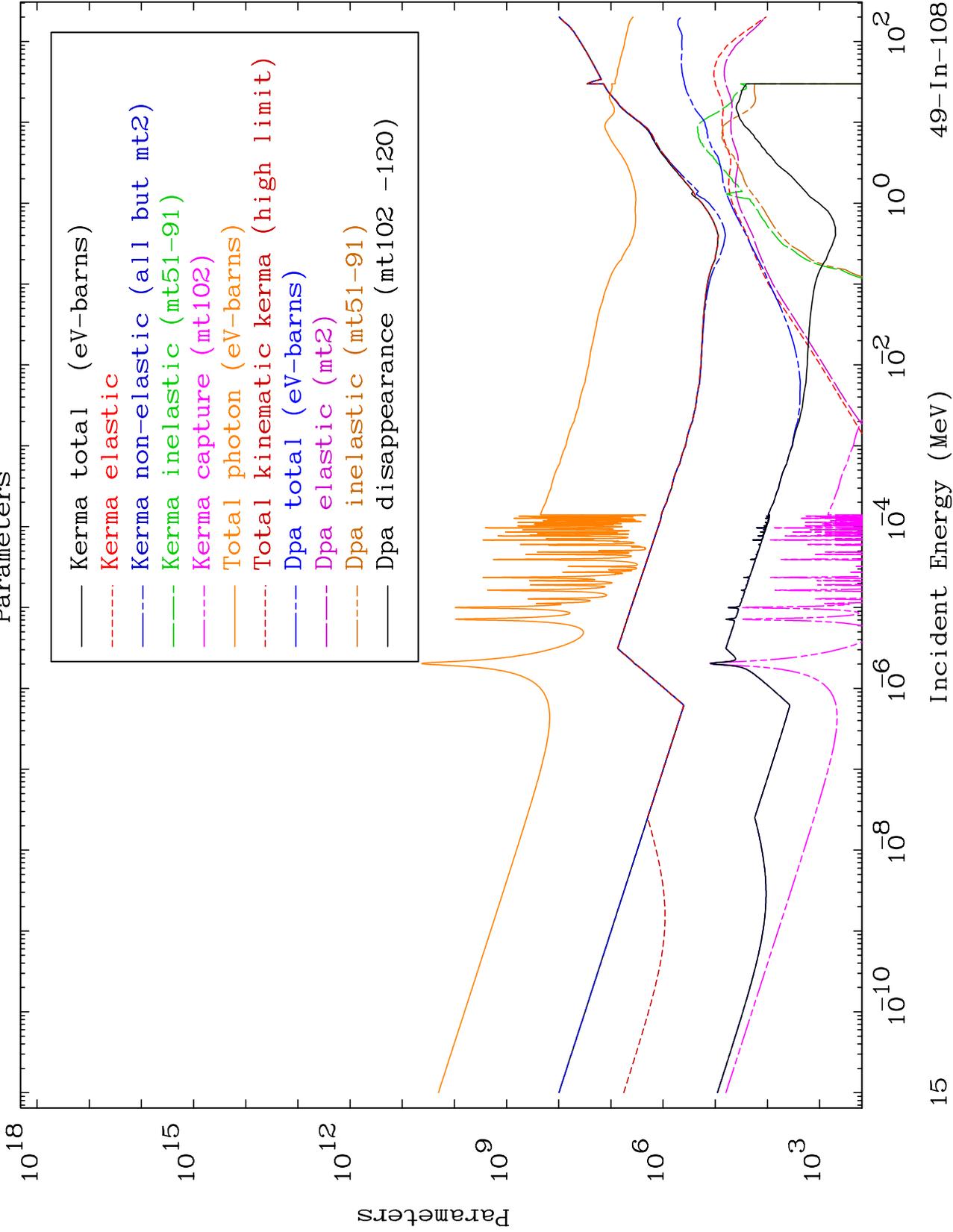
49-In-108

MAT 4910

(n,α) Levels
293 Kelvin Cross Sections

49-In-108

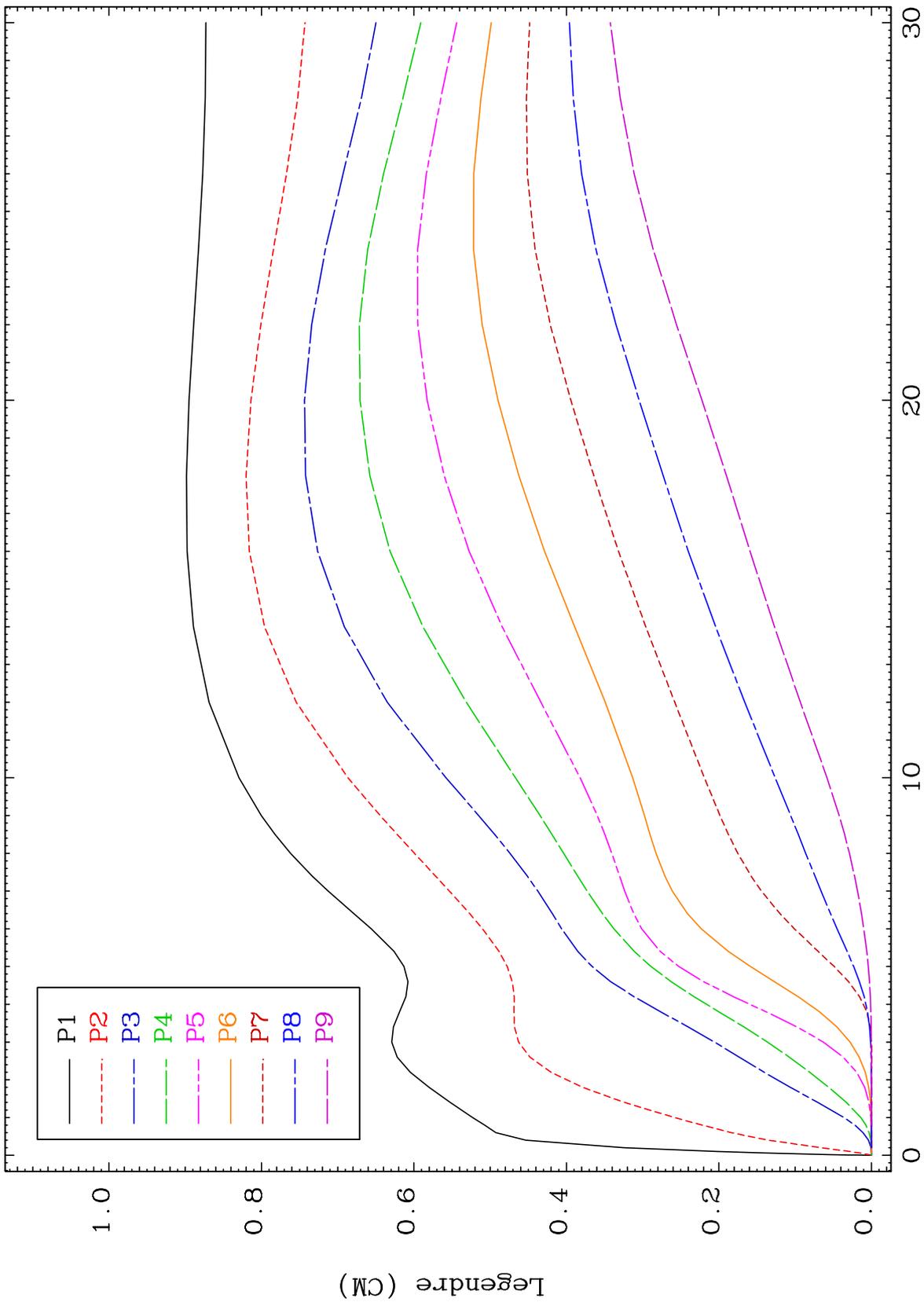




MAT 4910

Elastic Legendre Coefficients

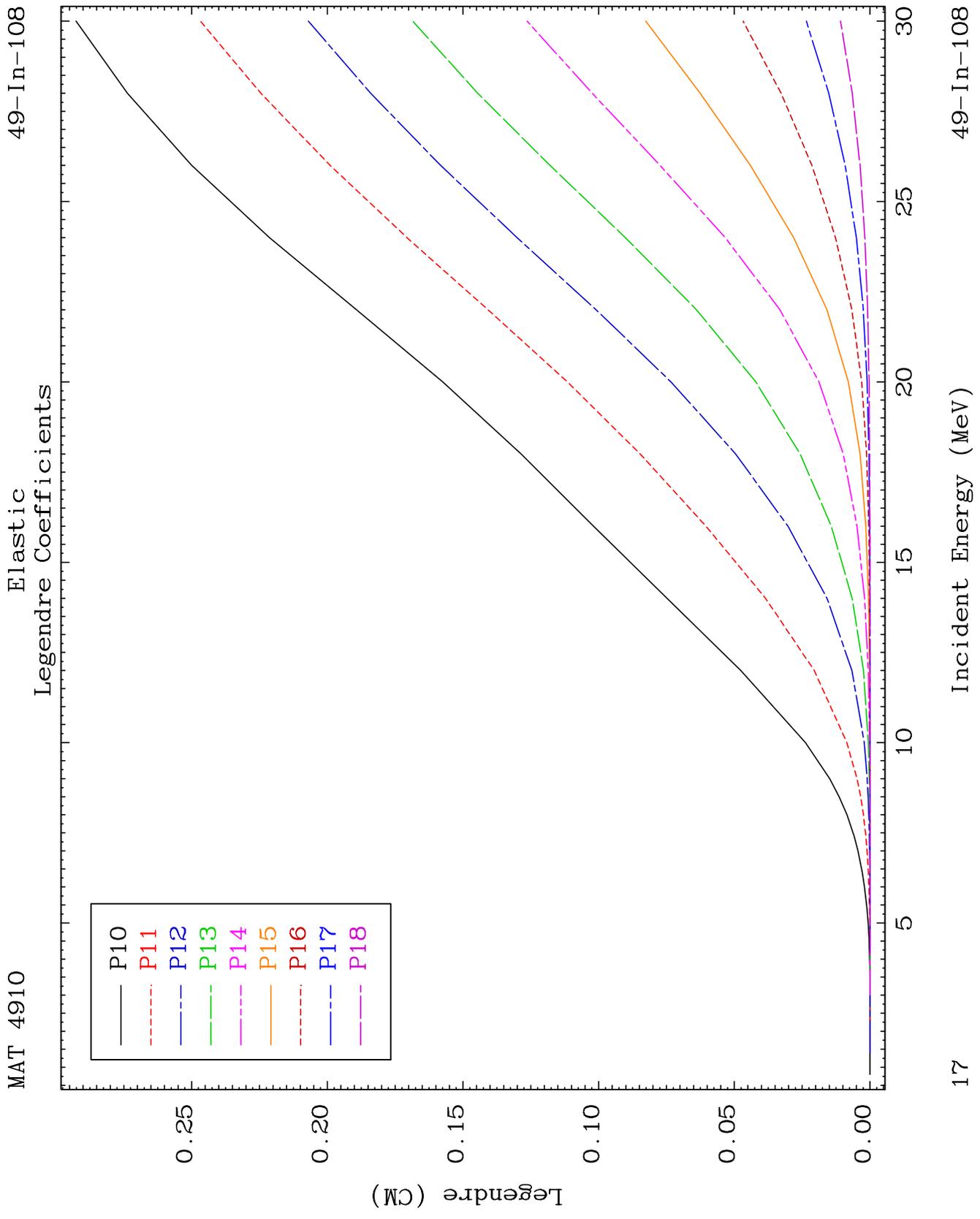
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Incident Energy (MeV)

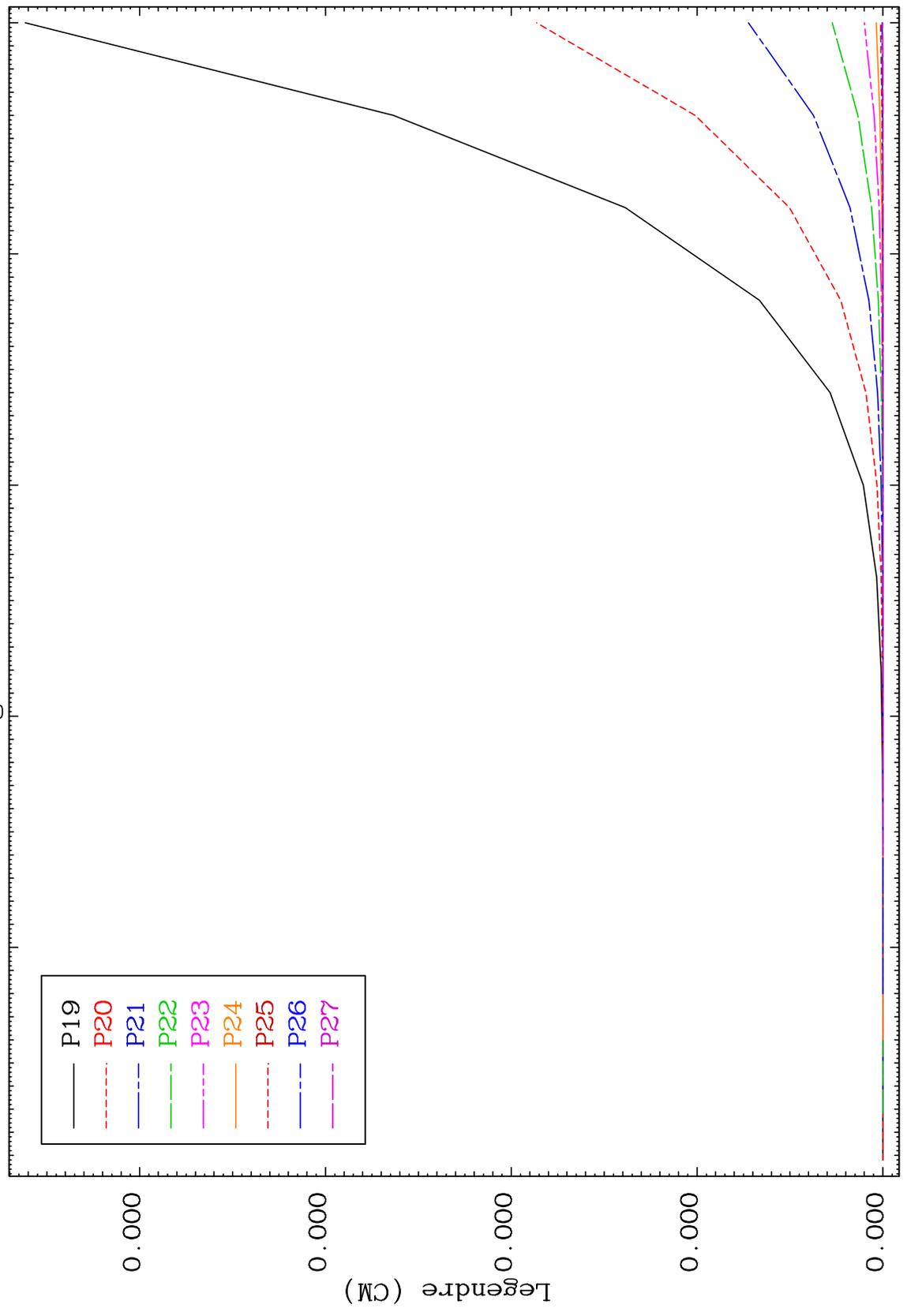
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MAT 4910

Elastic Legendre Coefficients

49-In-108



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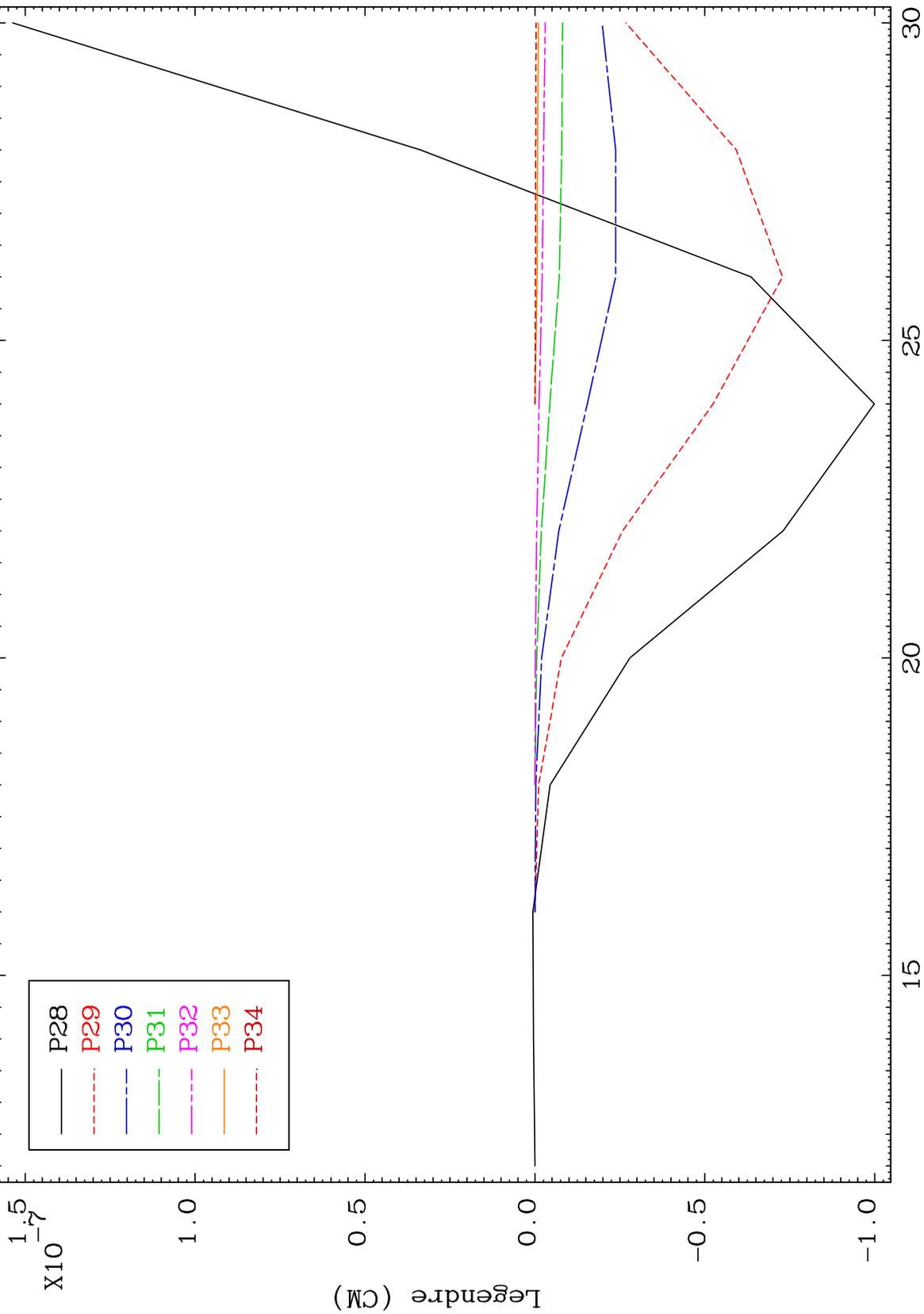
Incident Energy (MeV)

49-In-108

MAT 4910

Elastic Legendre Coefficients

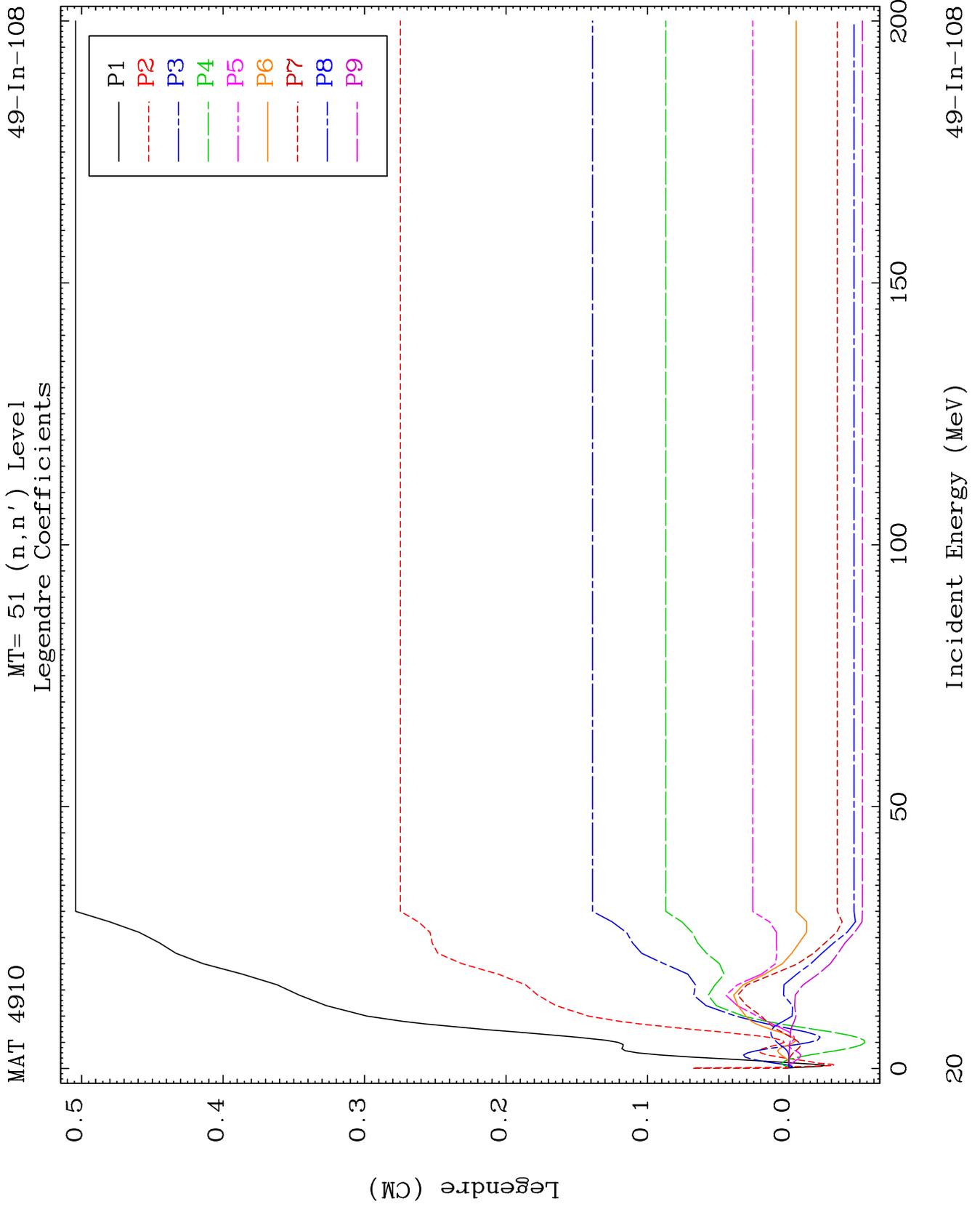
49-In-108



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Incident Energy (MeV)

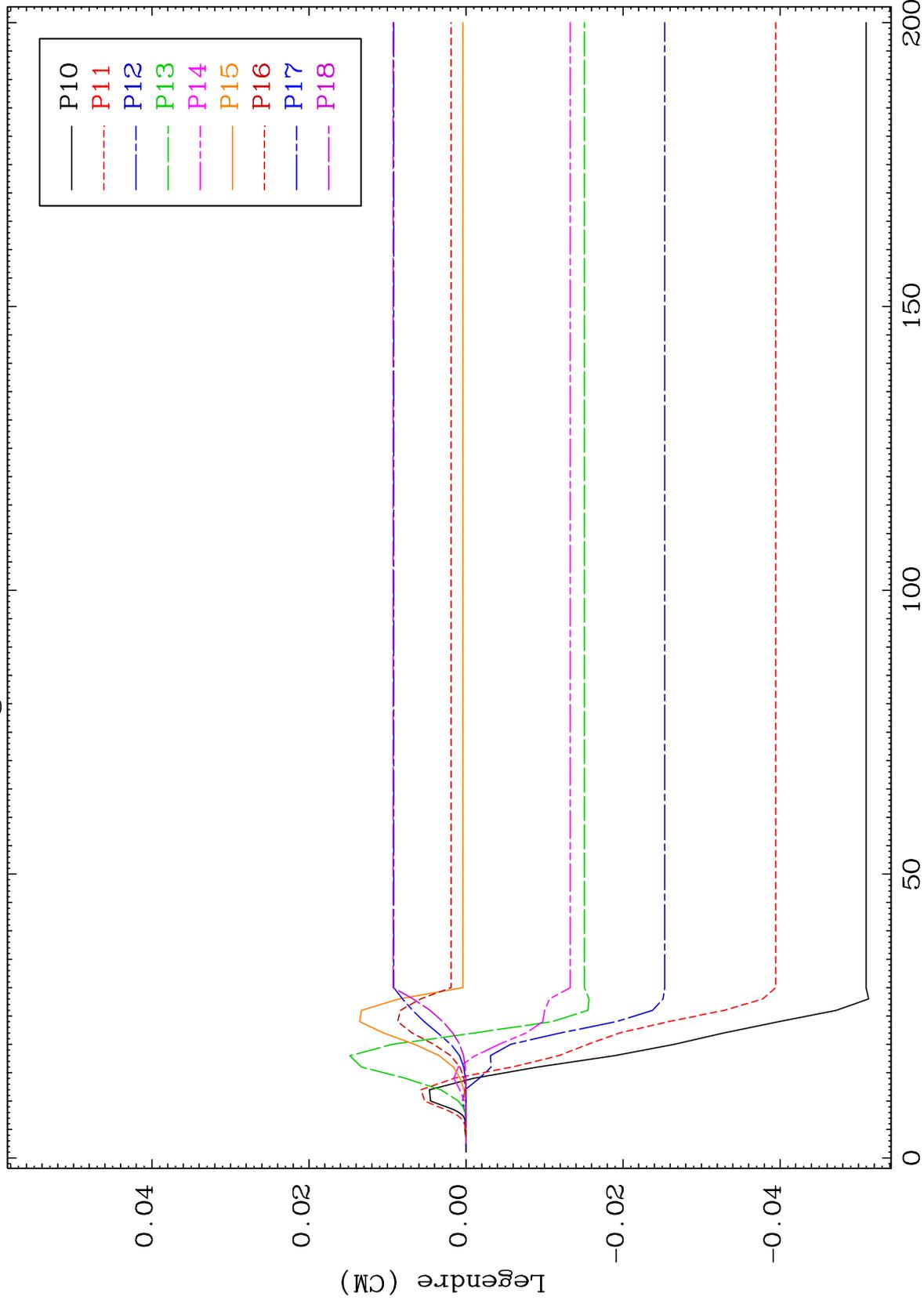
49-In-108



MAT 4910

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

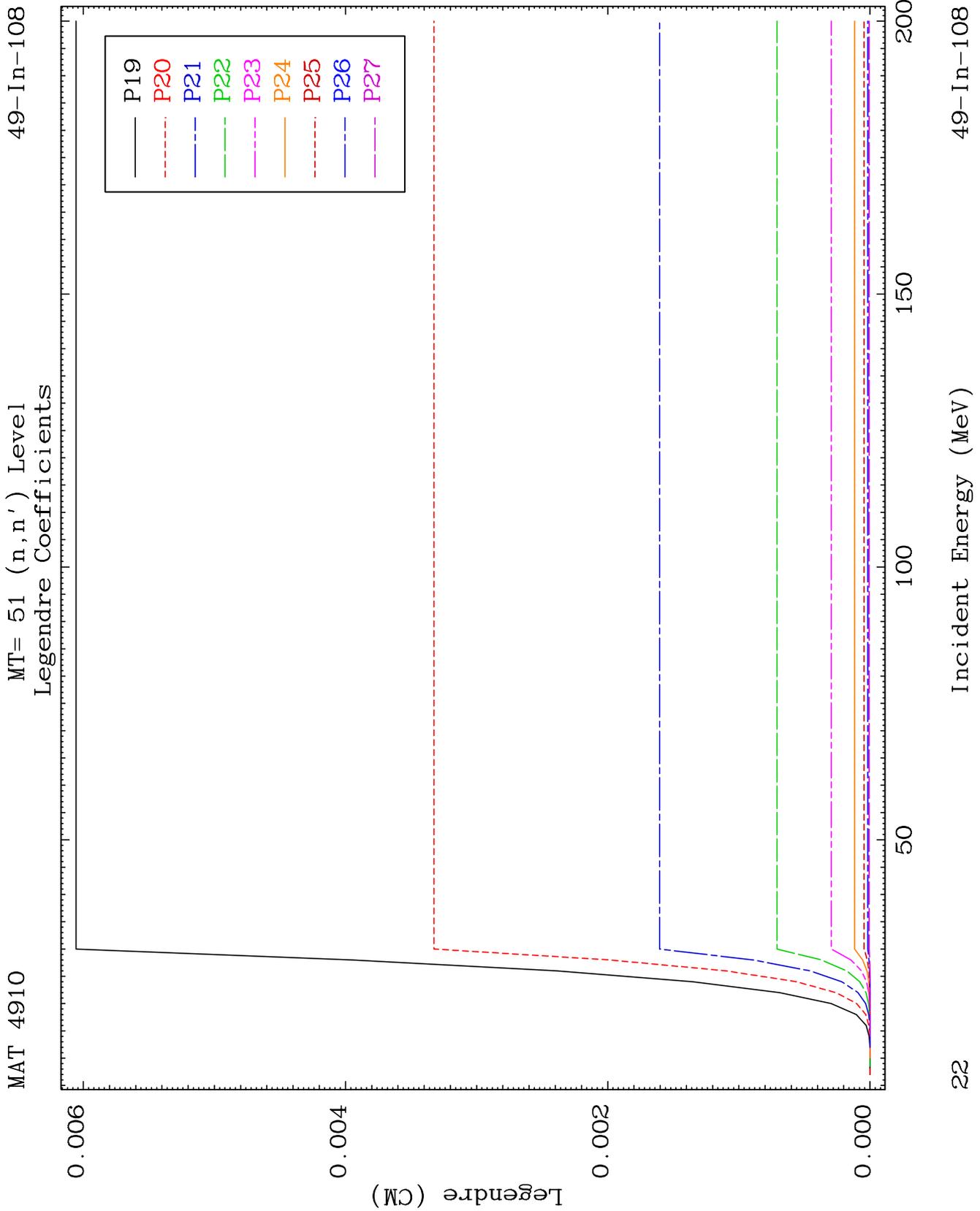
49-In-108



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Incident Energy (MeV)

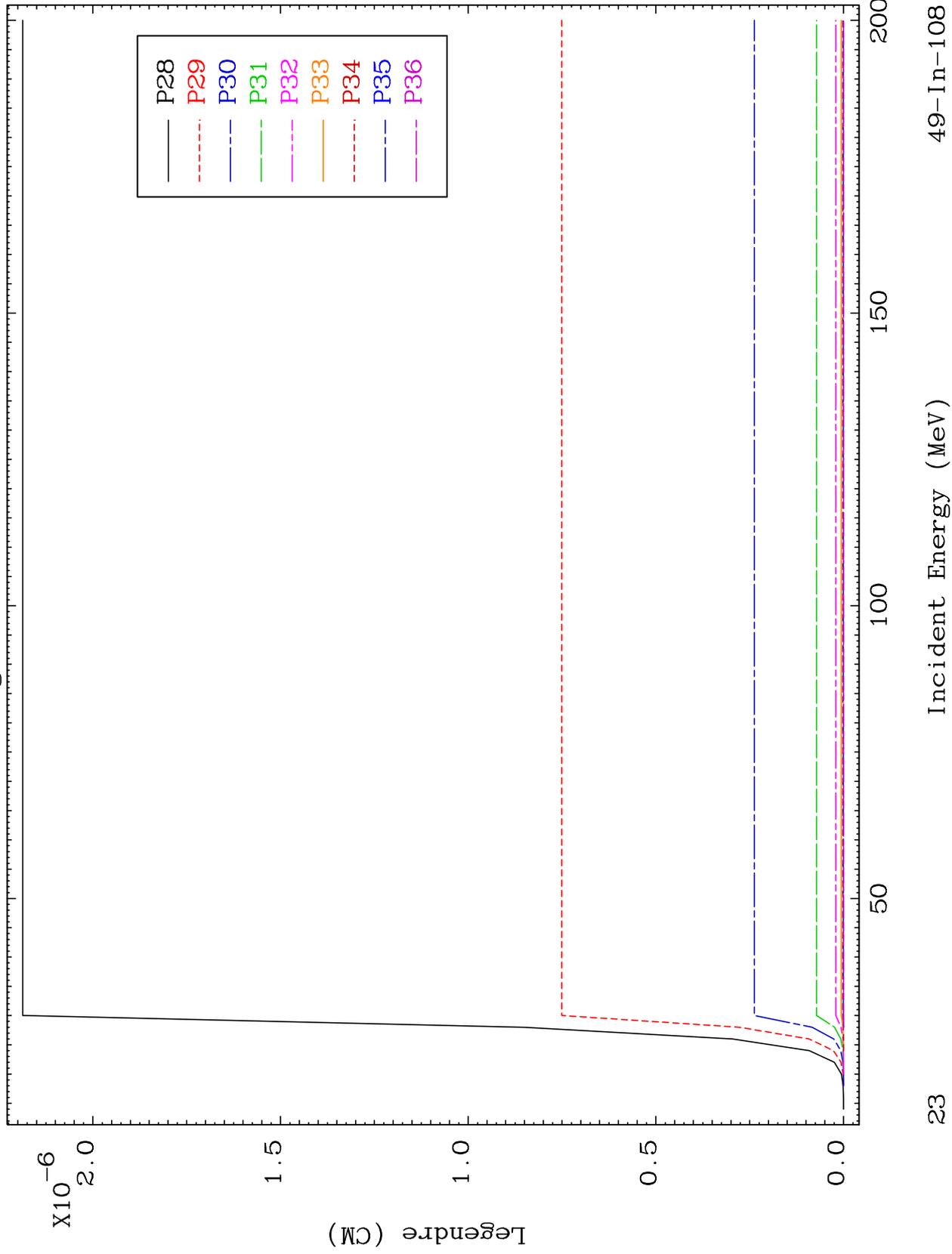
49-In-108



MAT 4910

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

49-In-108



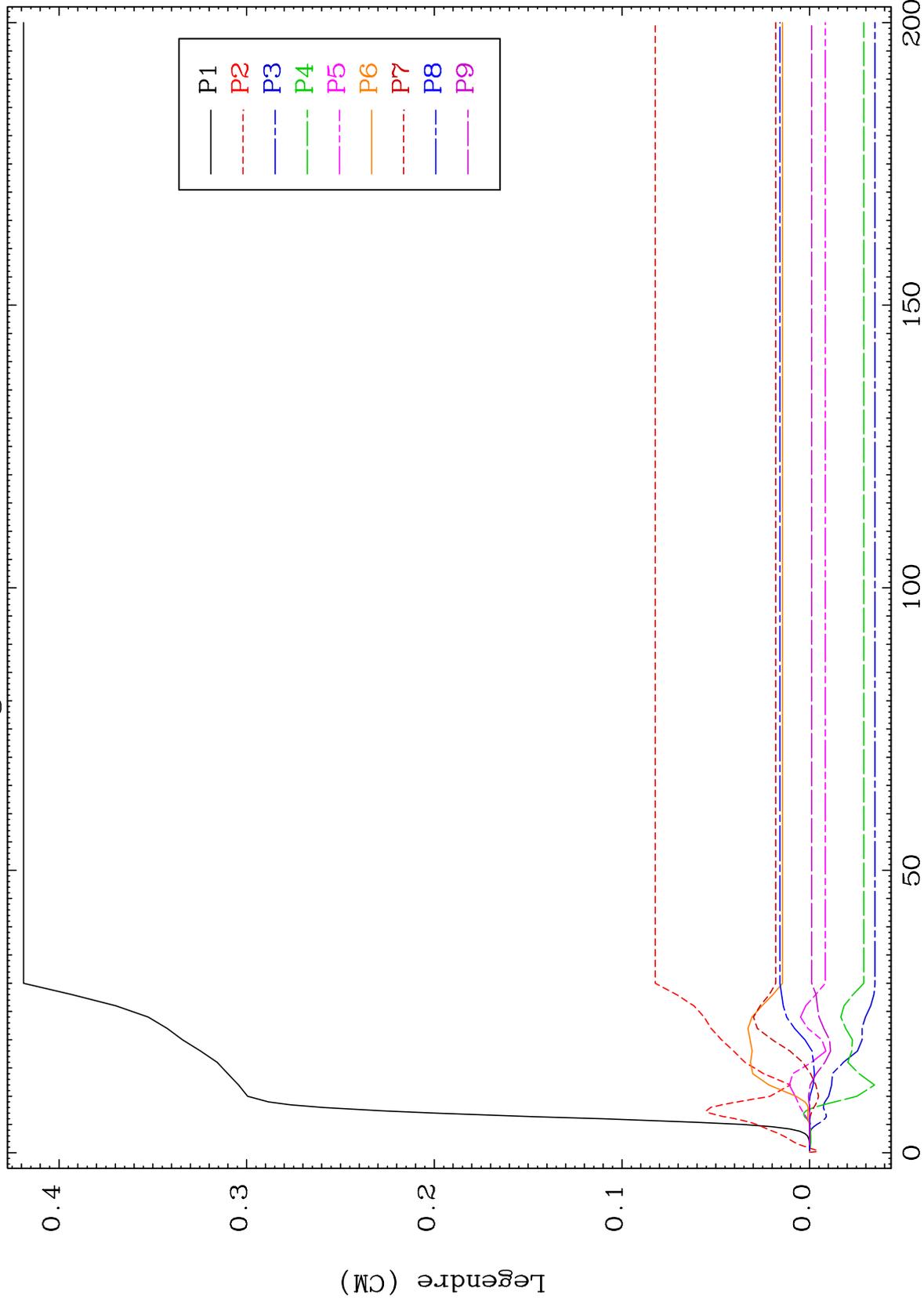
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49-In-108

MAT 4910

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

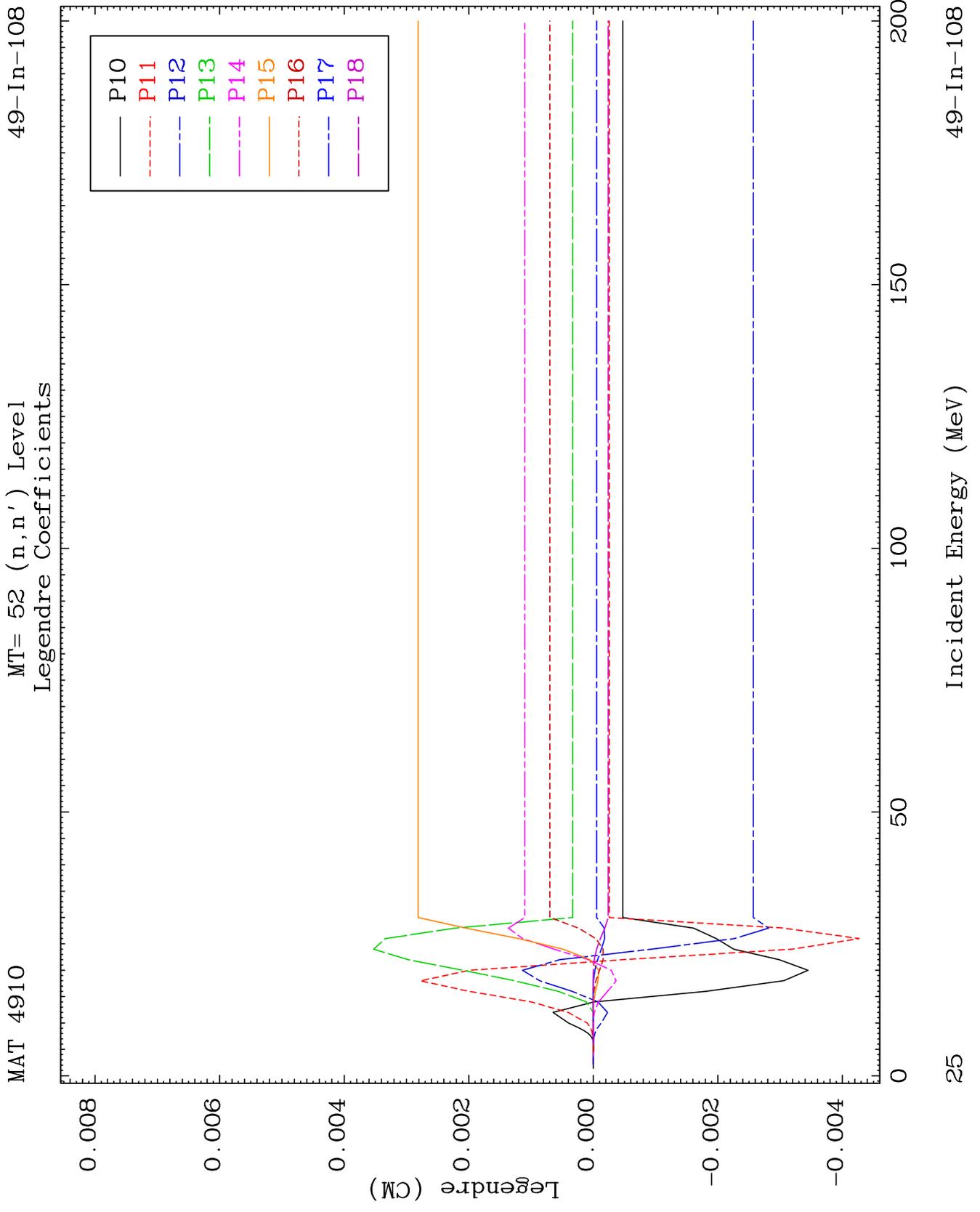
49-In-108



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Incident Energy (MeV)

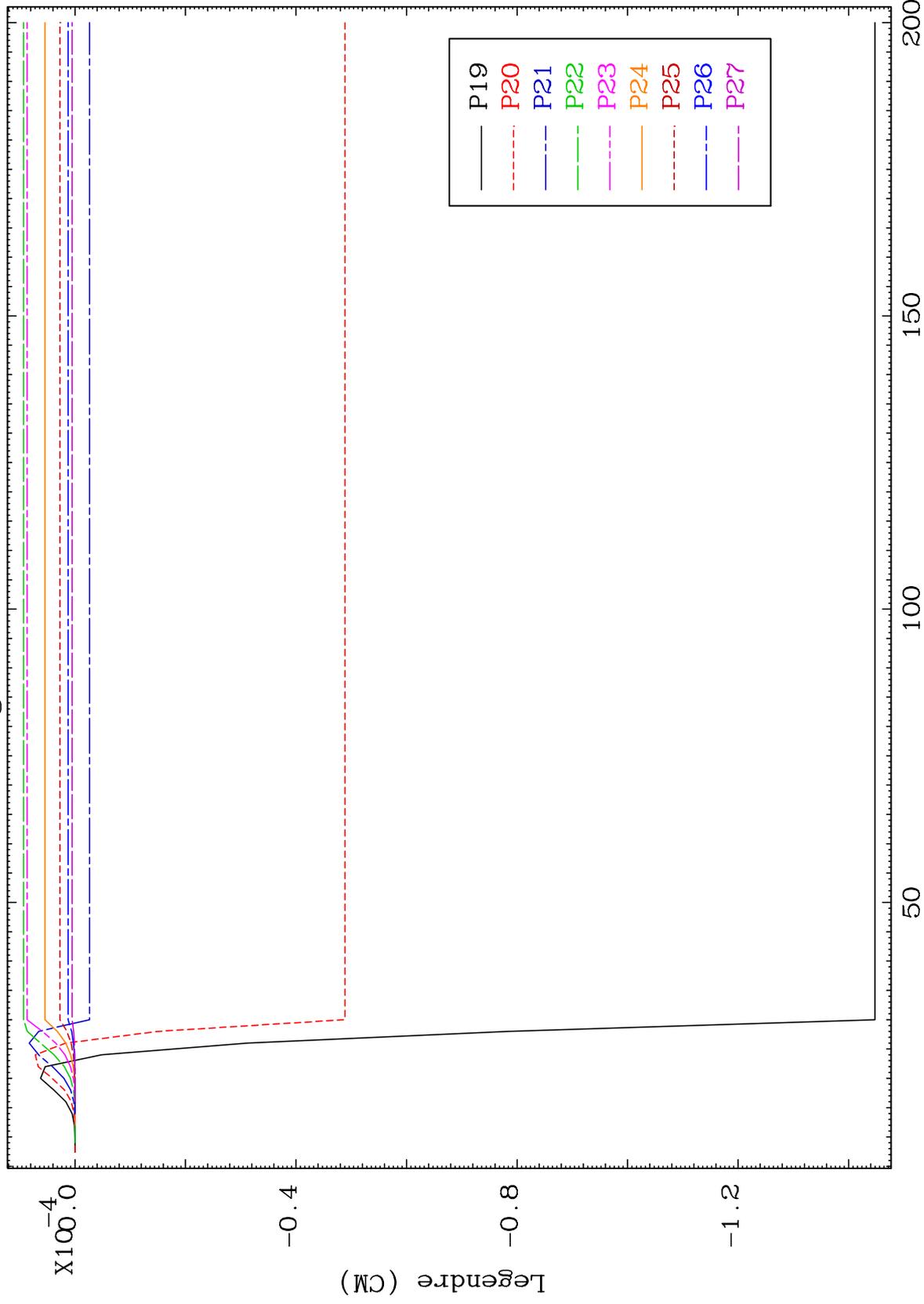
49-In-108



MAT 4910

49-In-108

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



26

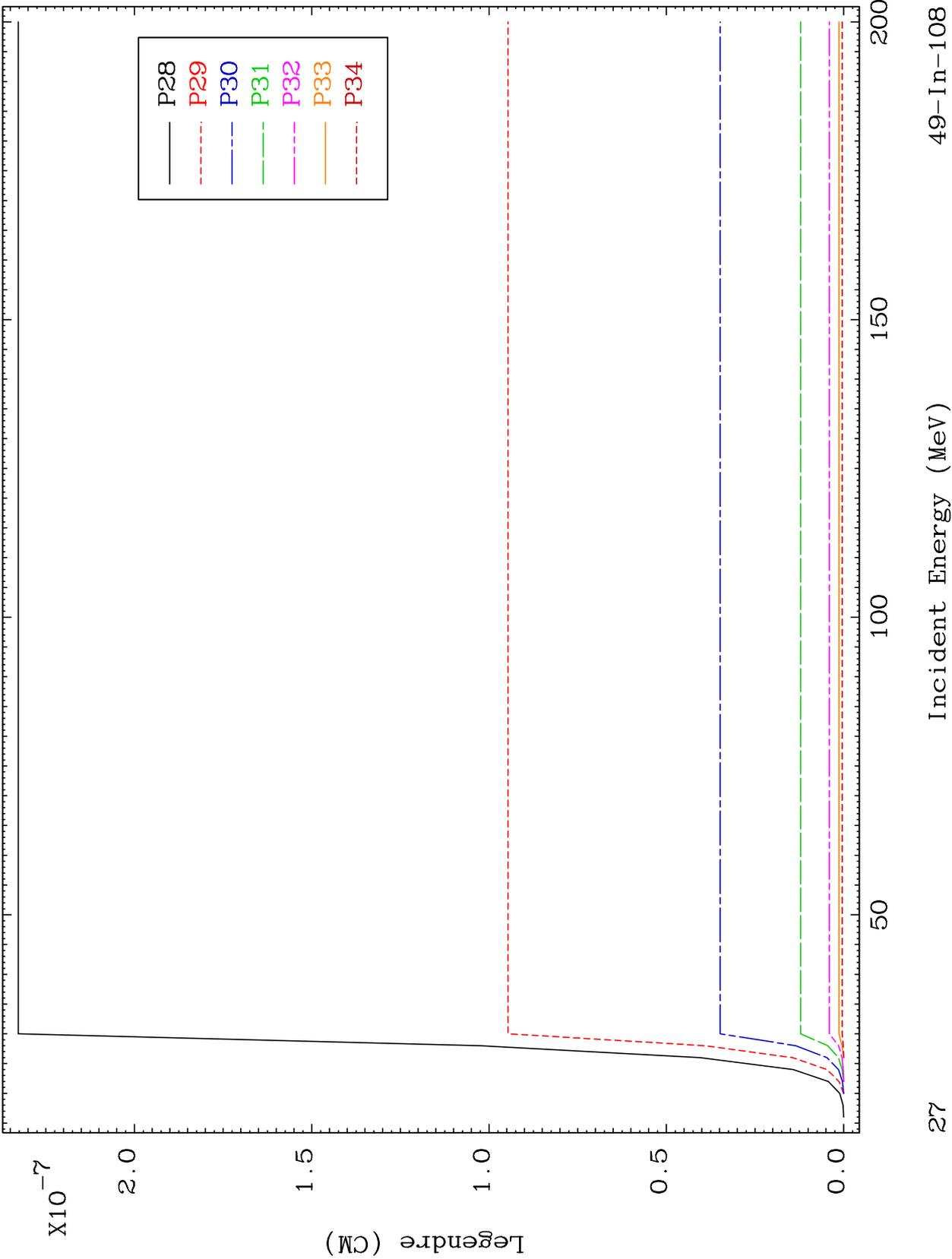
Incident Energy (MeV)

49-In-108

MAT 4910

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

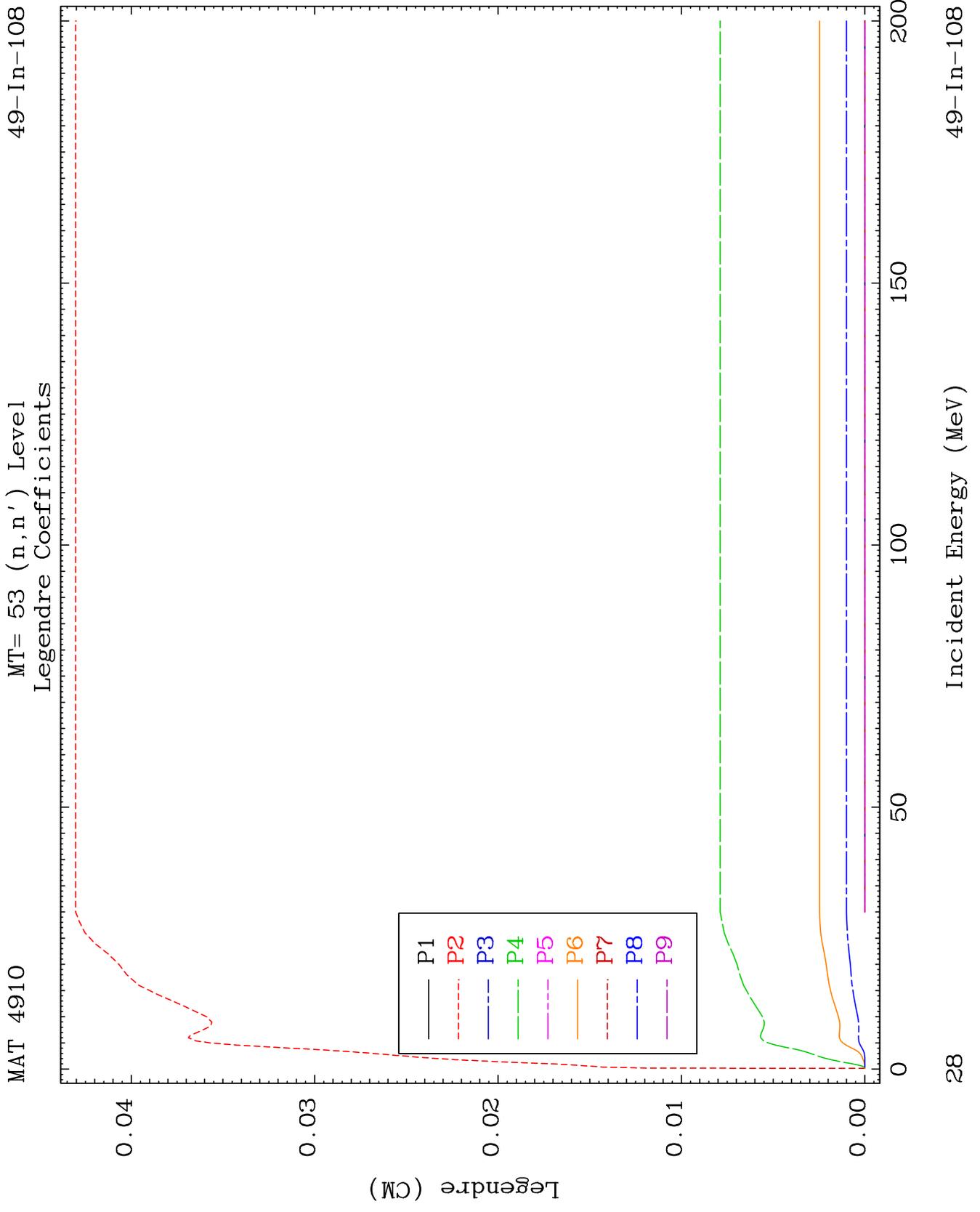
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Incident Energy (MeV)

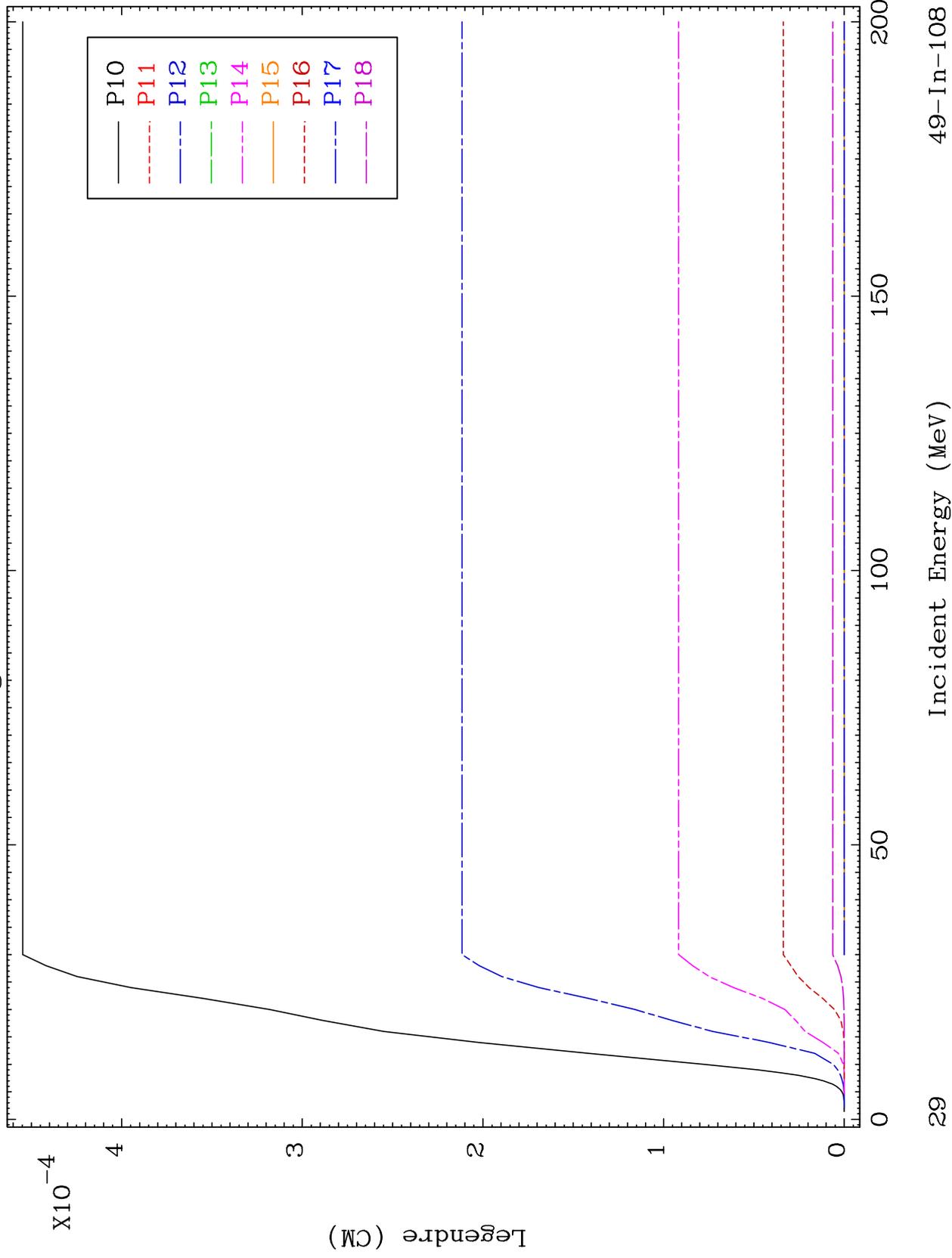
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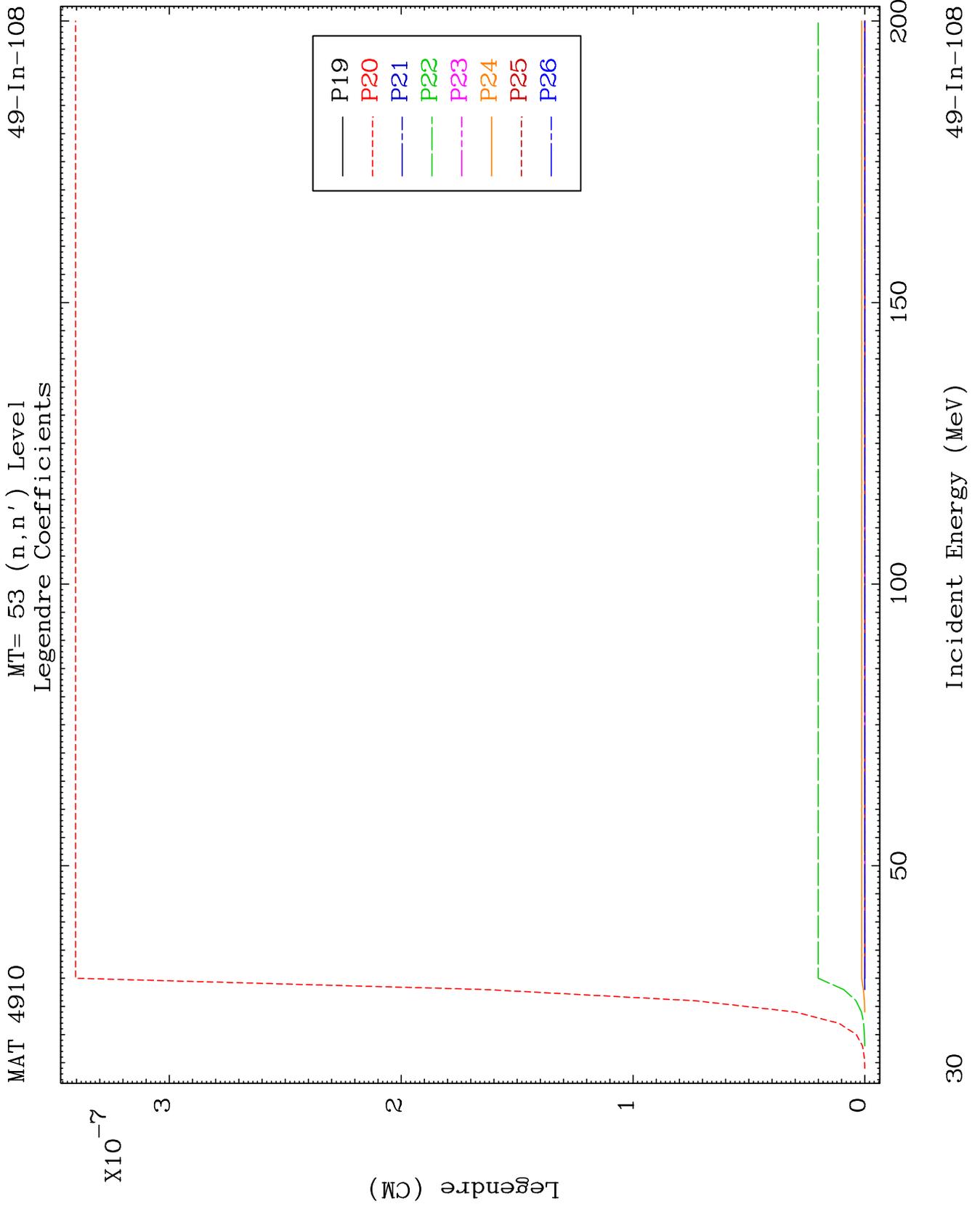


MAT 4910

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

49-In-108

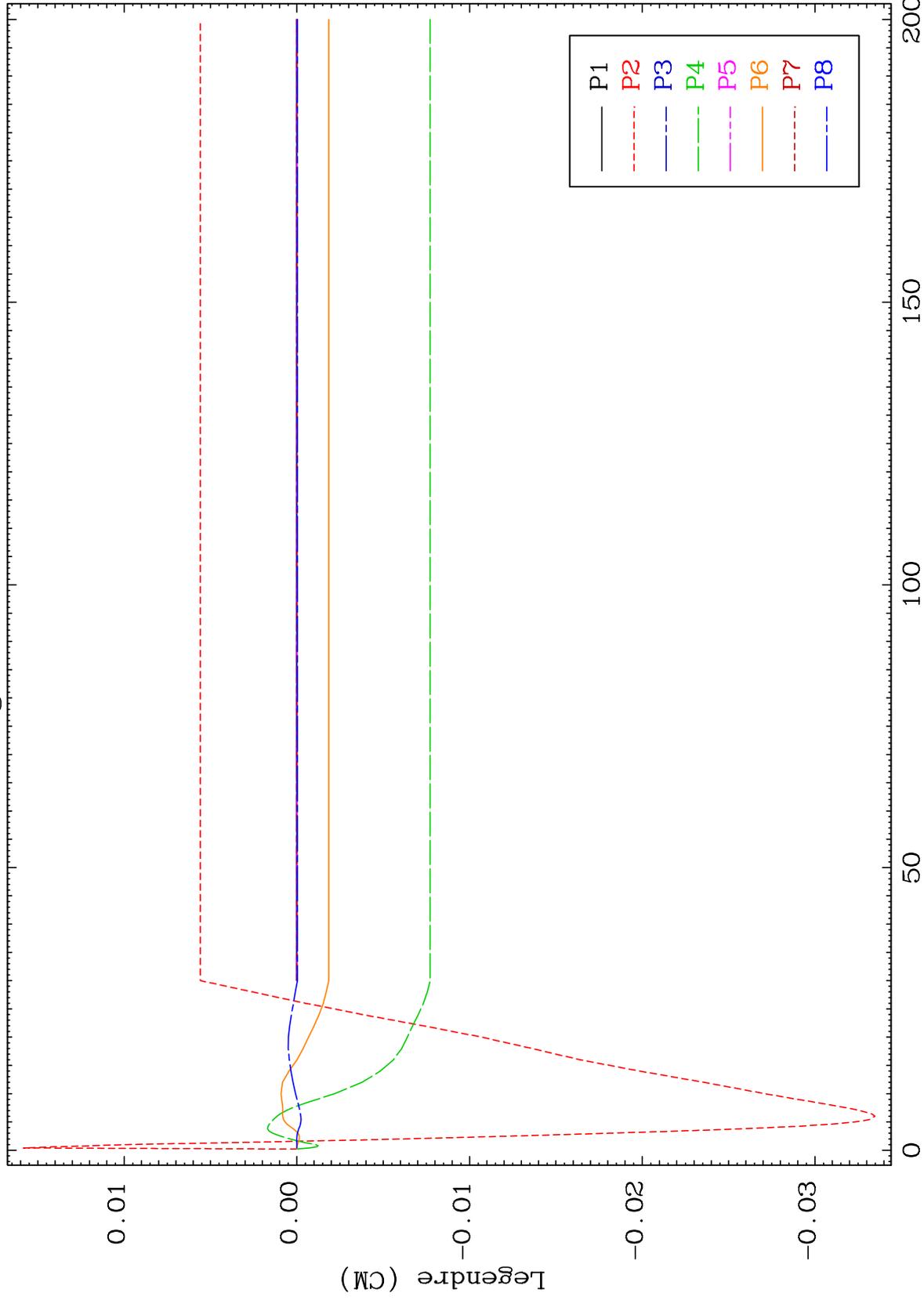




MAT 4910

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Legendre Coefficients

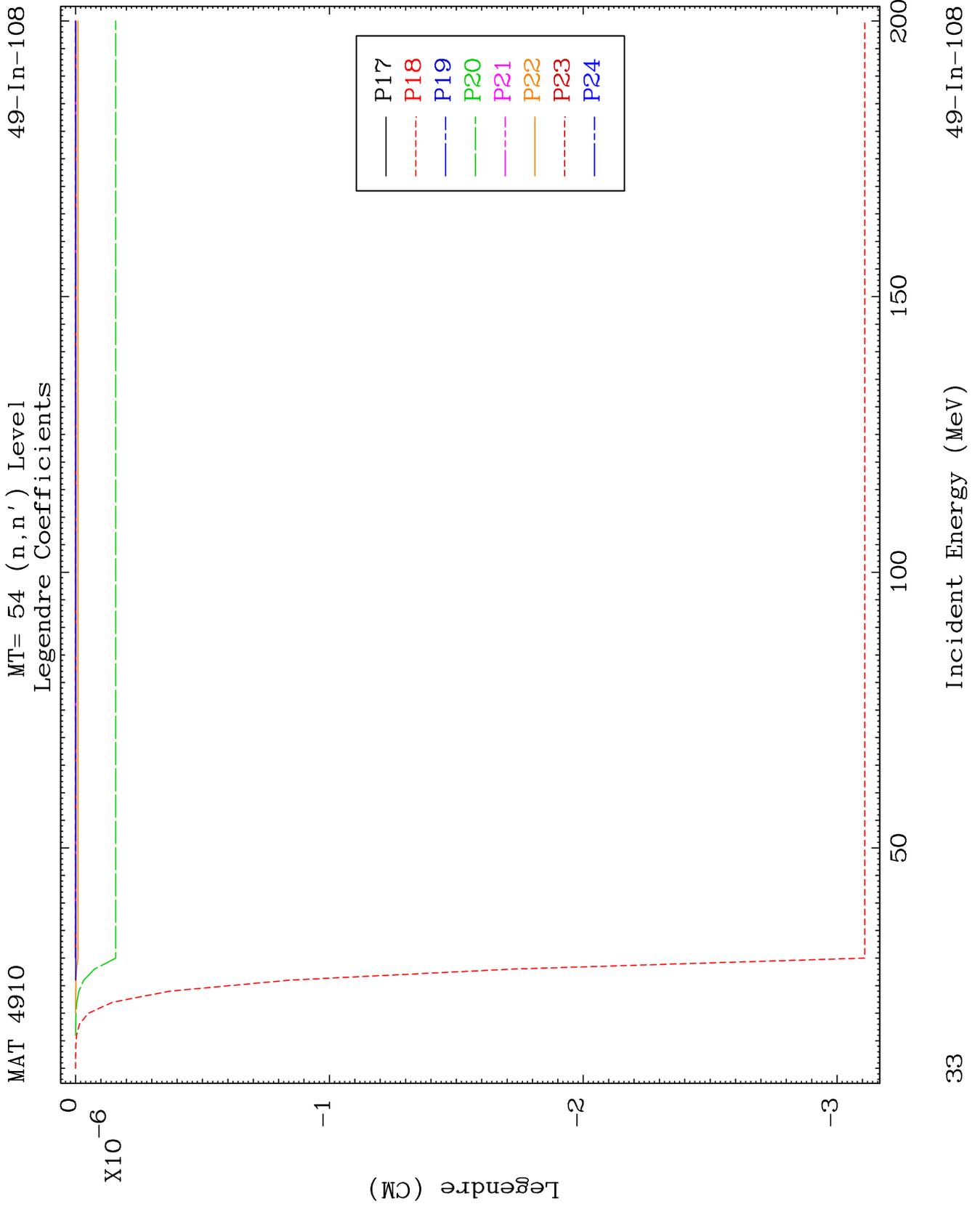
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Incident Energy (MeV)

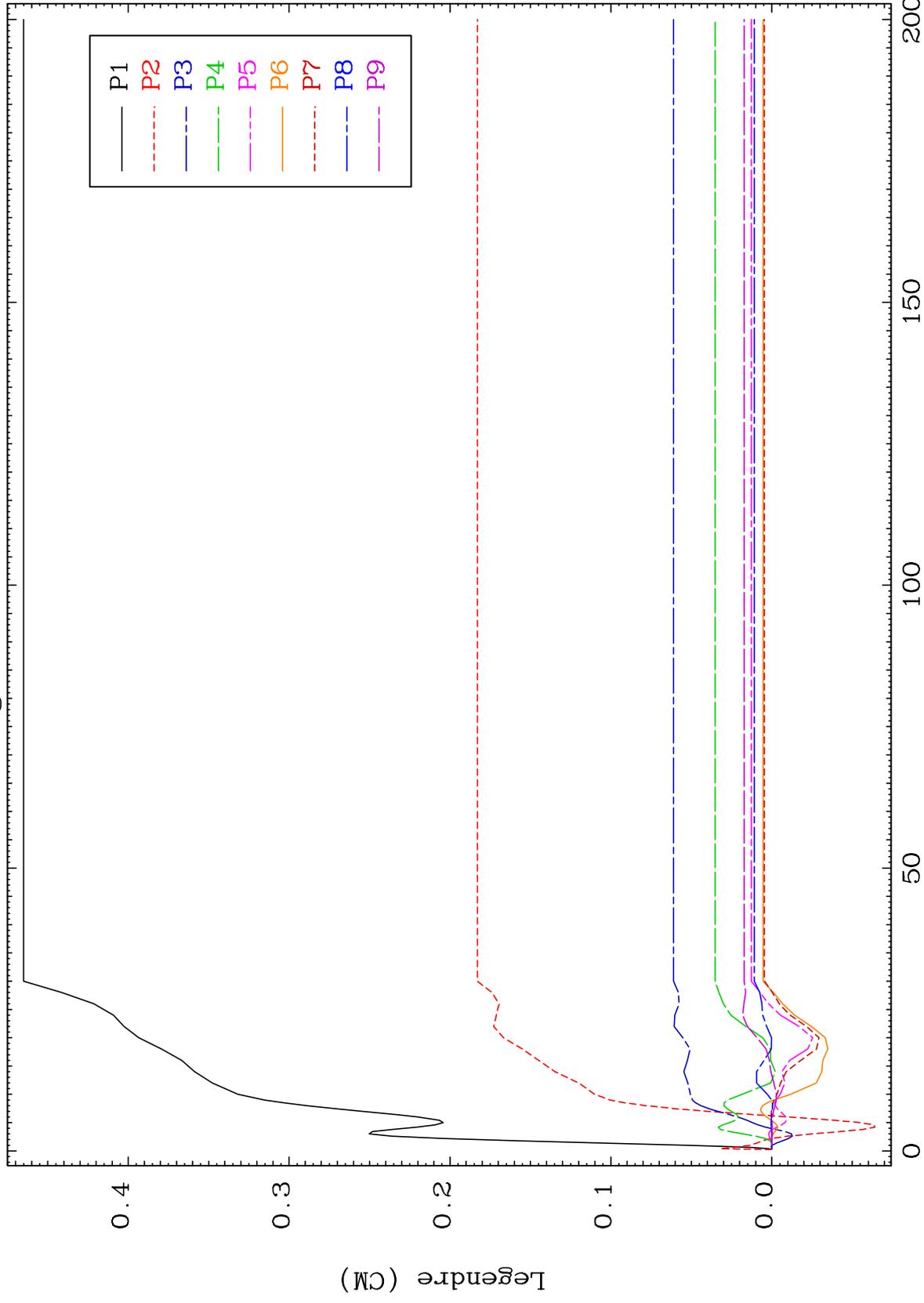
49-In-108



MAT 4910

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

49-In-108



34

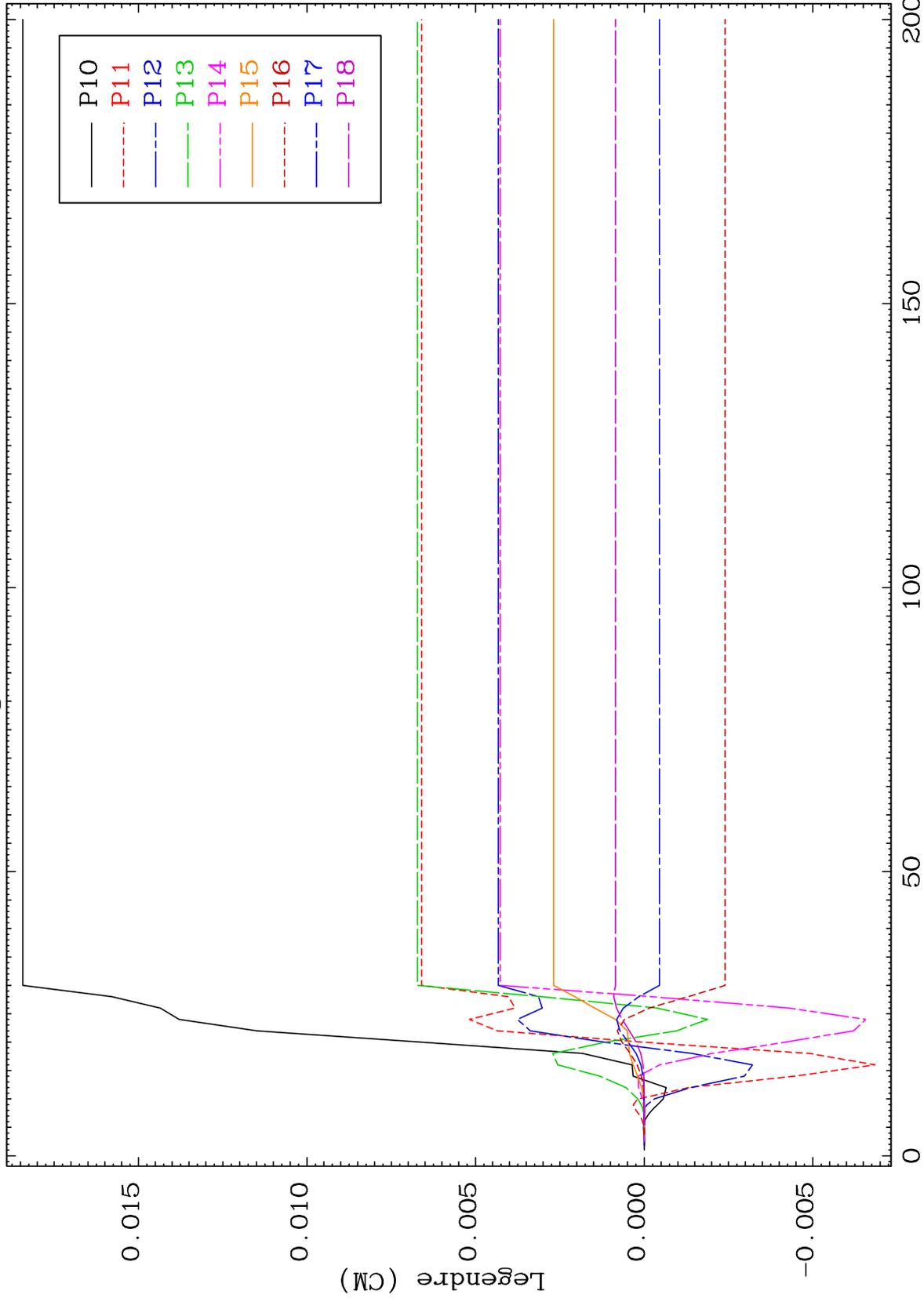
Incident Energy (MeV)

49-In-108

MAT 4910

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

49-In-108



35

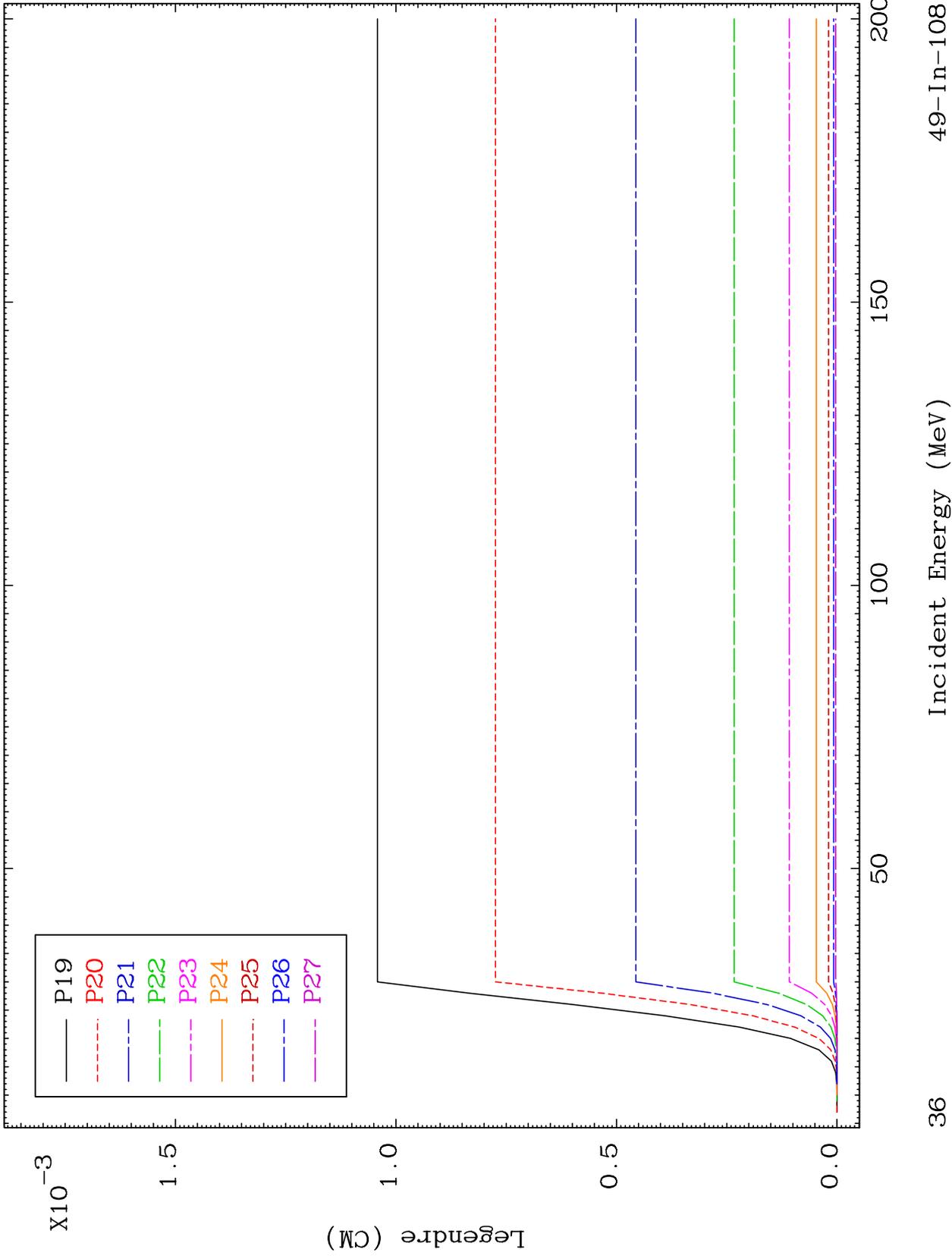
Incident Energy (MeV)

49-In-108

MAT 4910

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

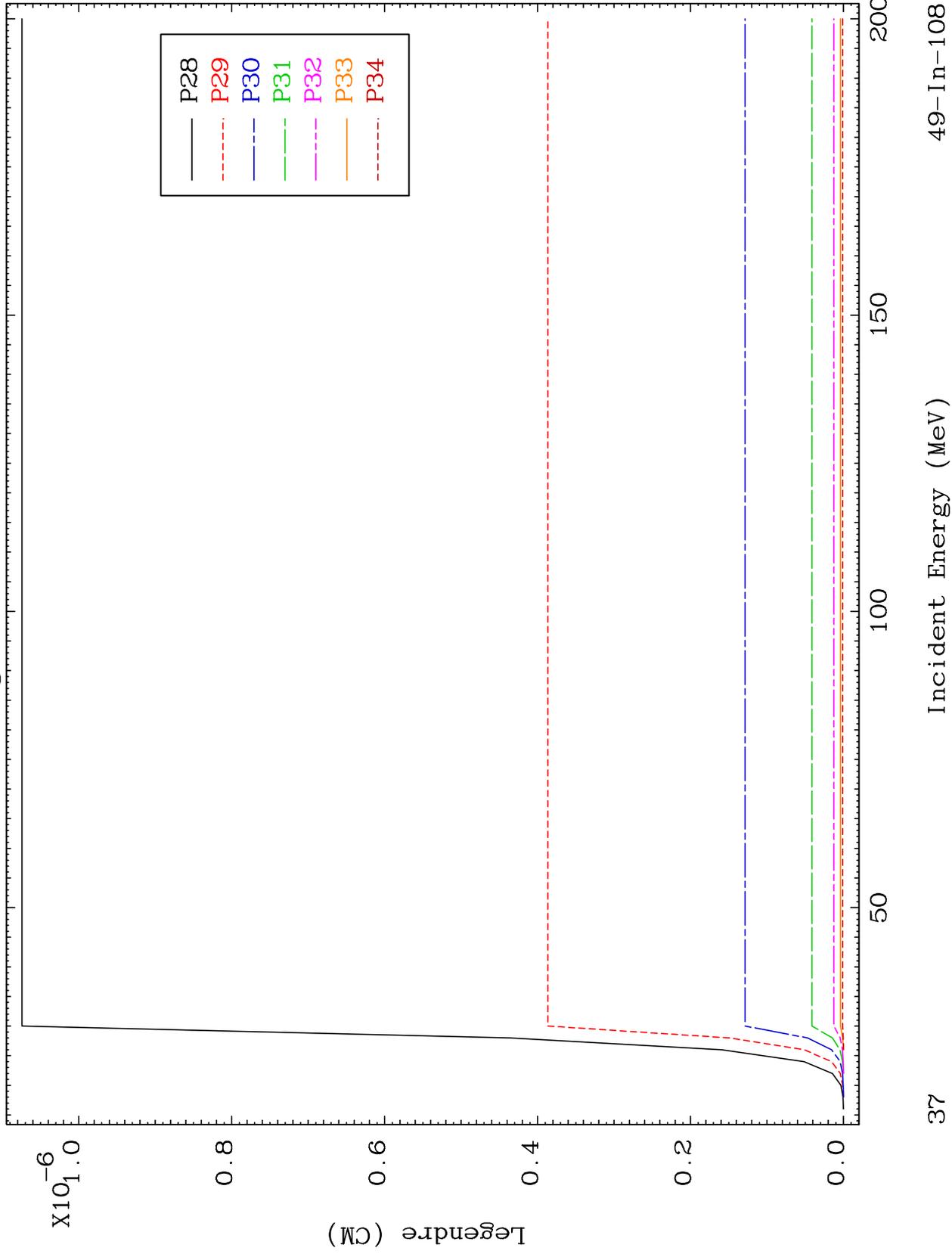
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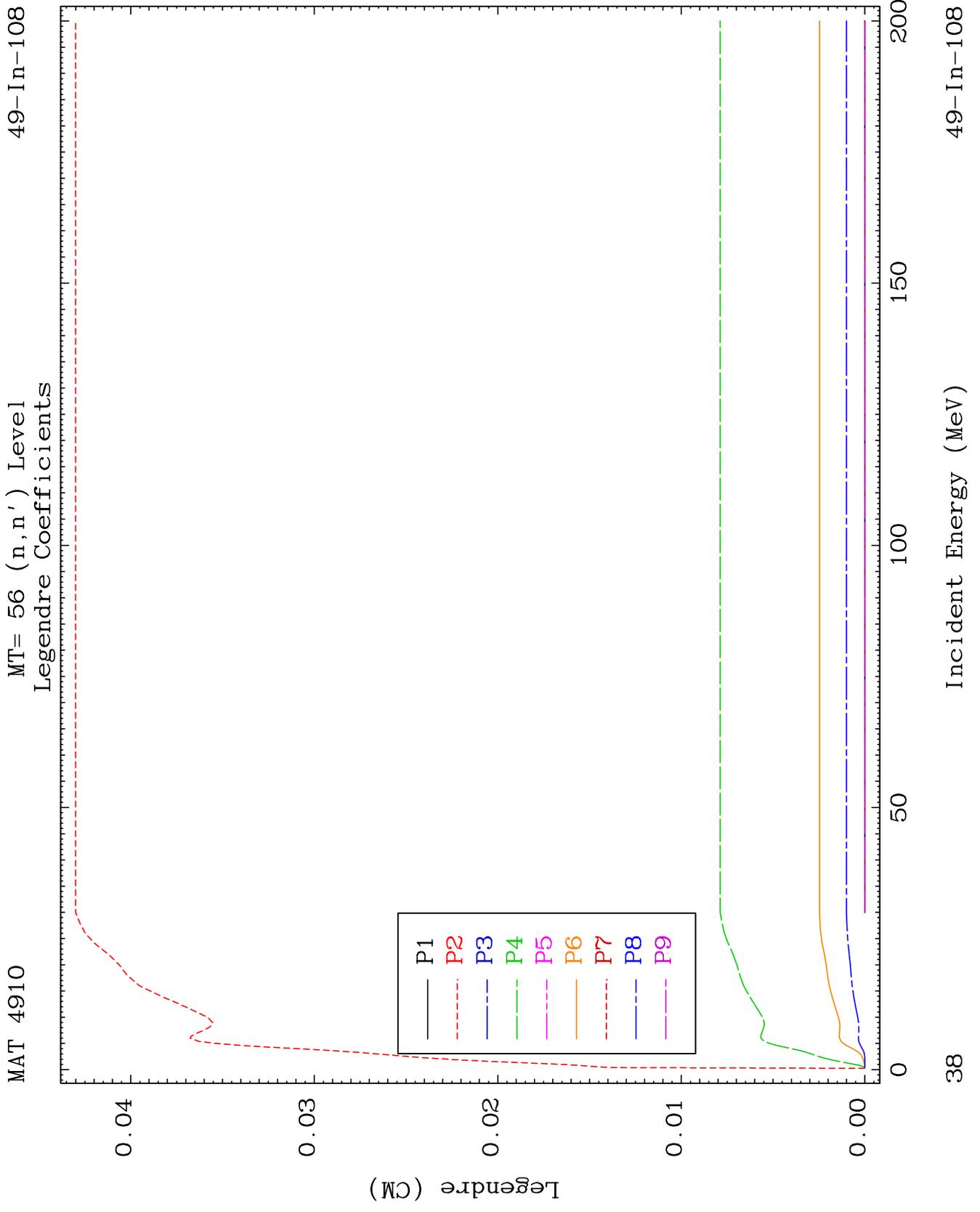


MAT 4910

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

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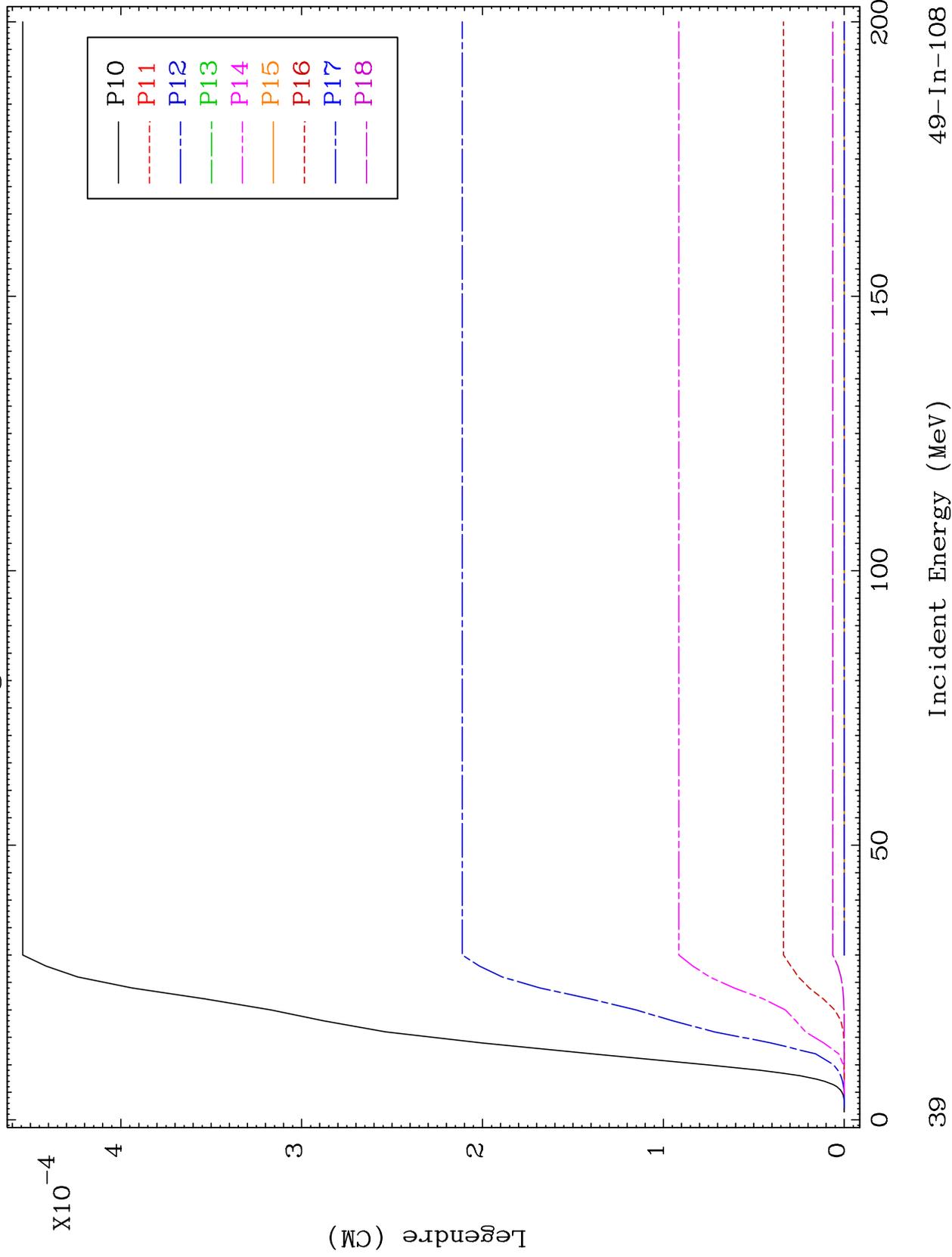




MAT 4910

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Legendre Coefficients

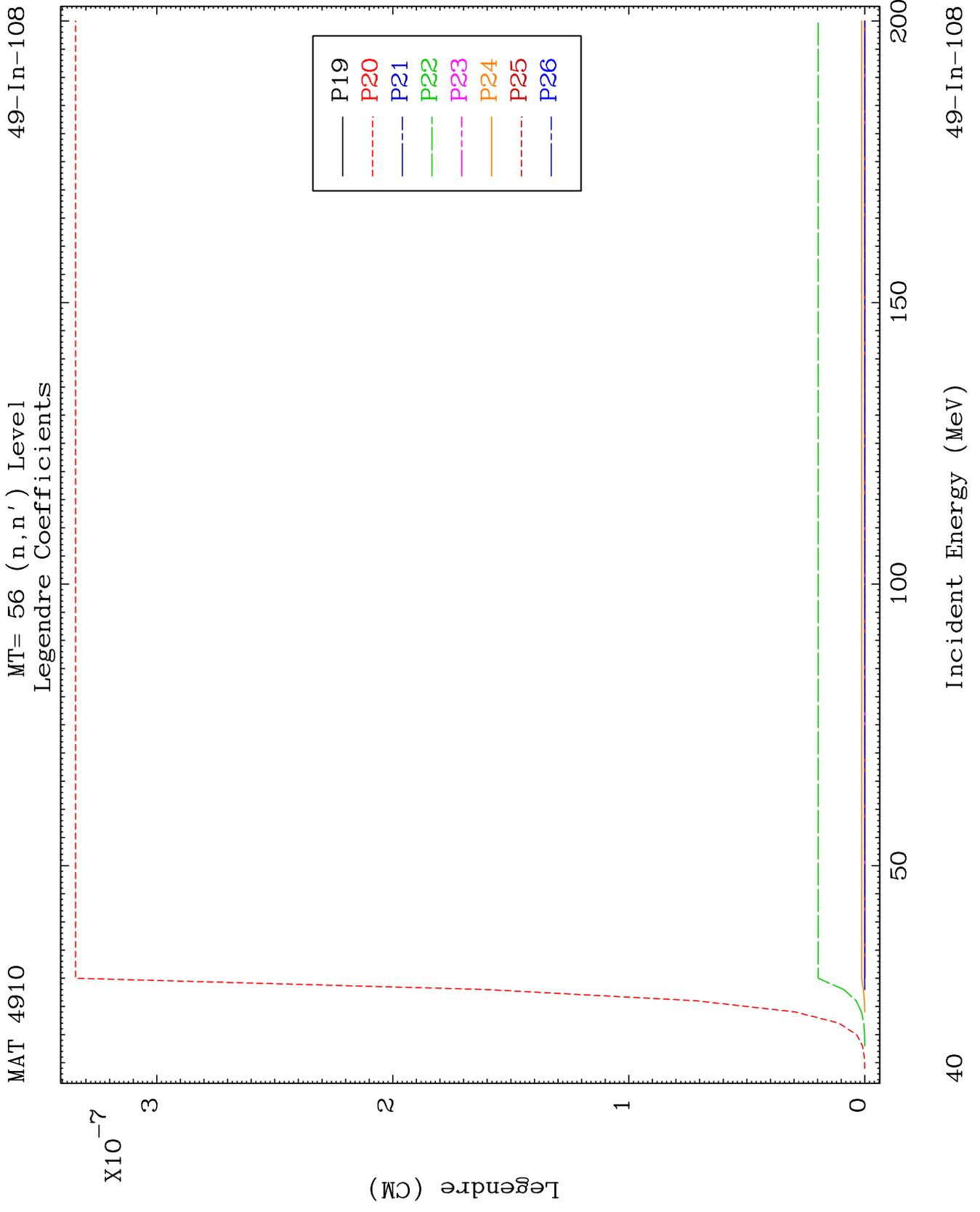
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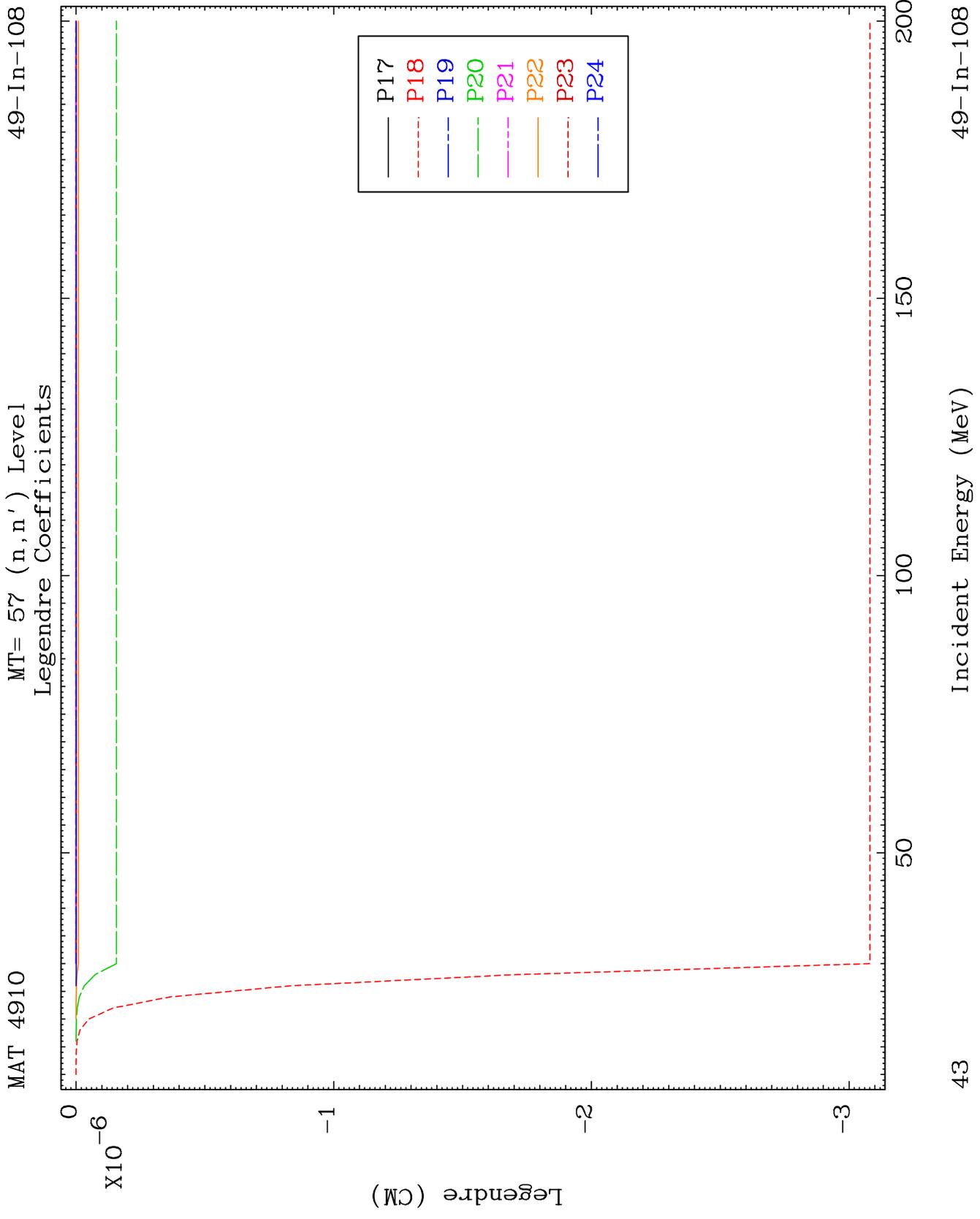


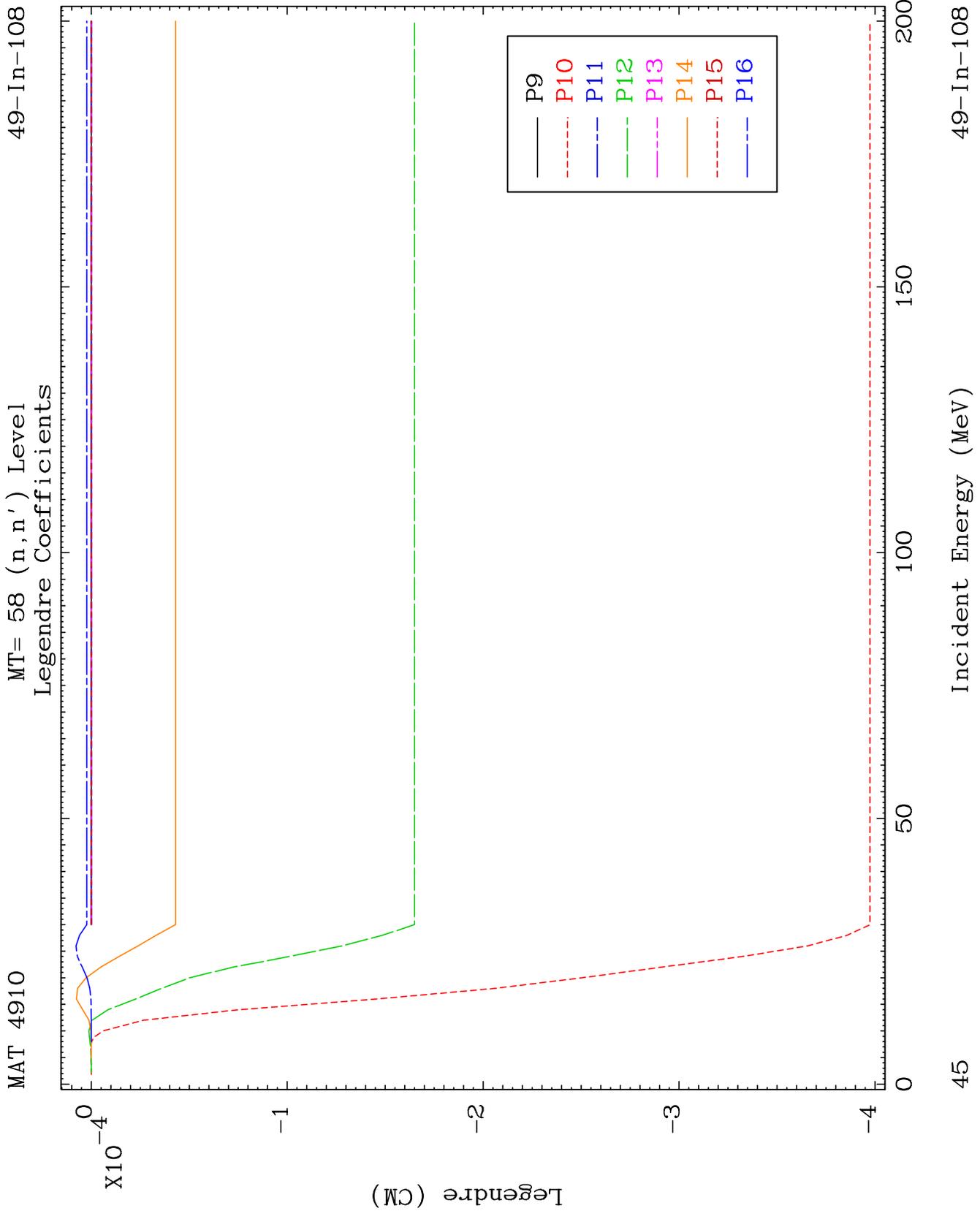
49-In-108

Incident Energy (MeV)

39





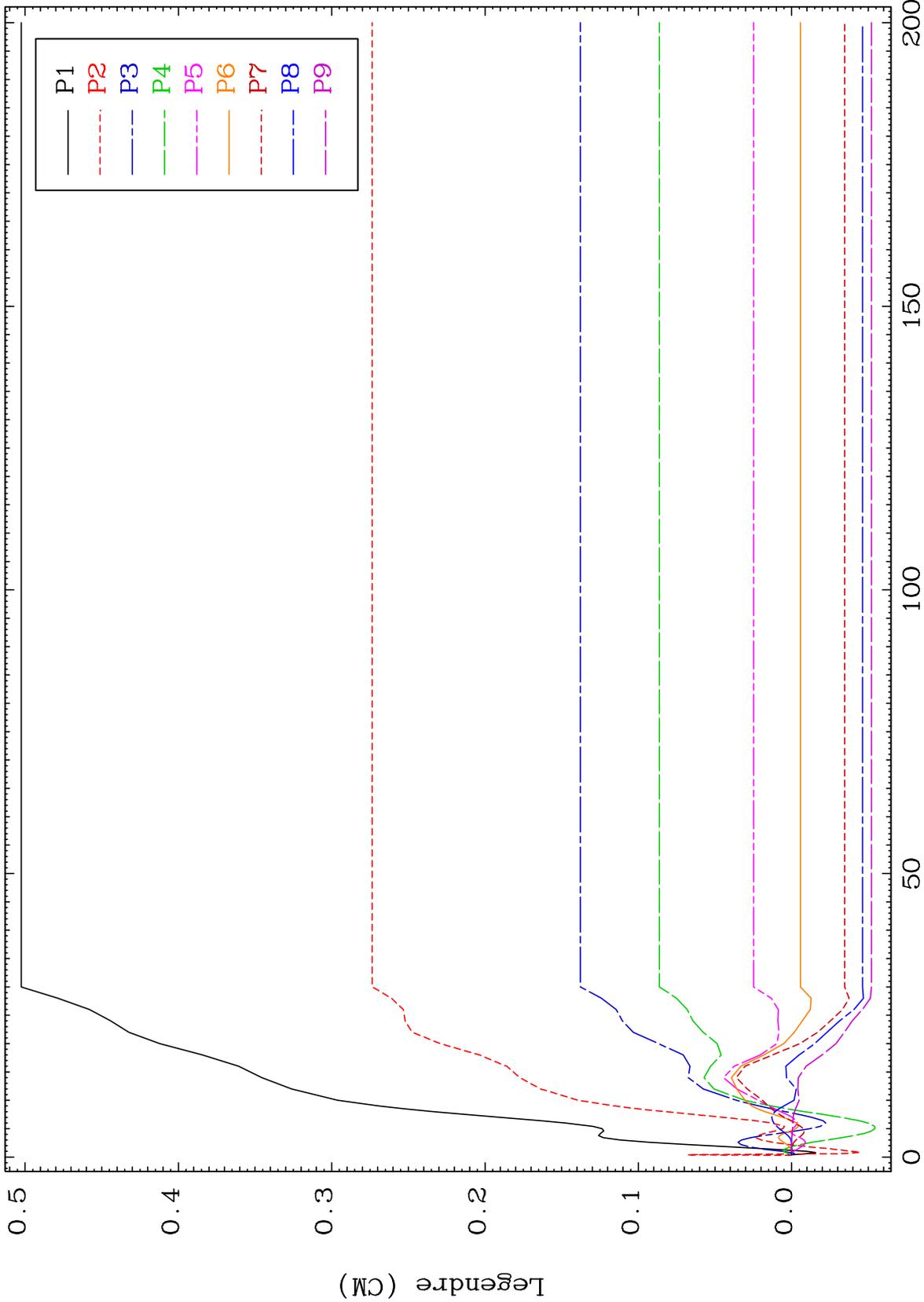


MAT 4910

MT= 59 (n,n') Level

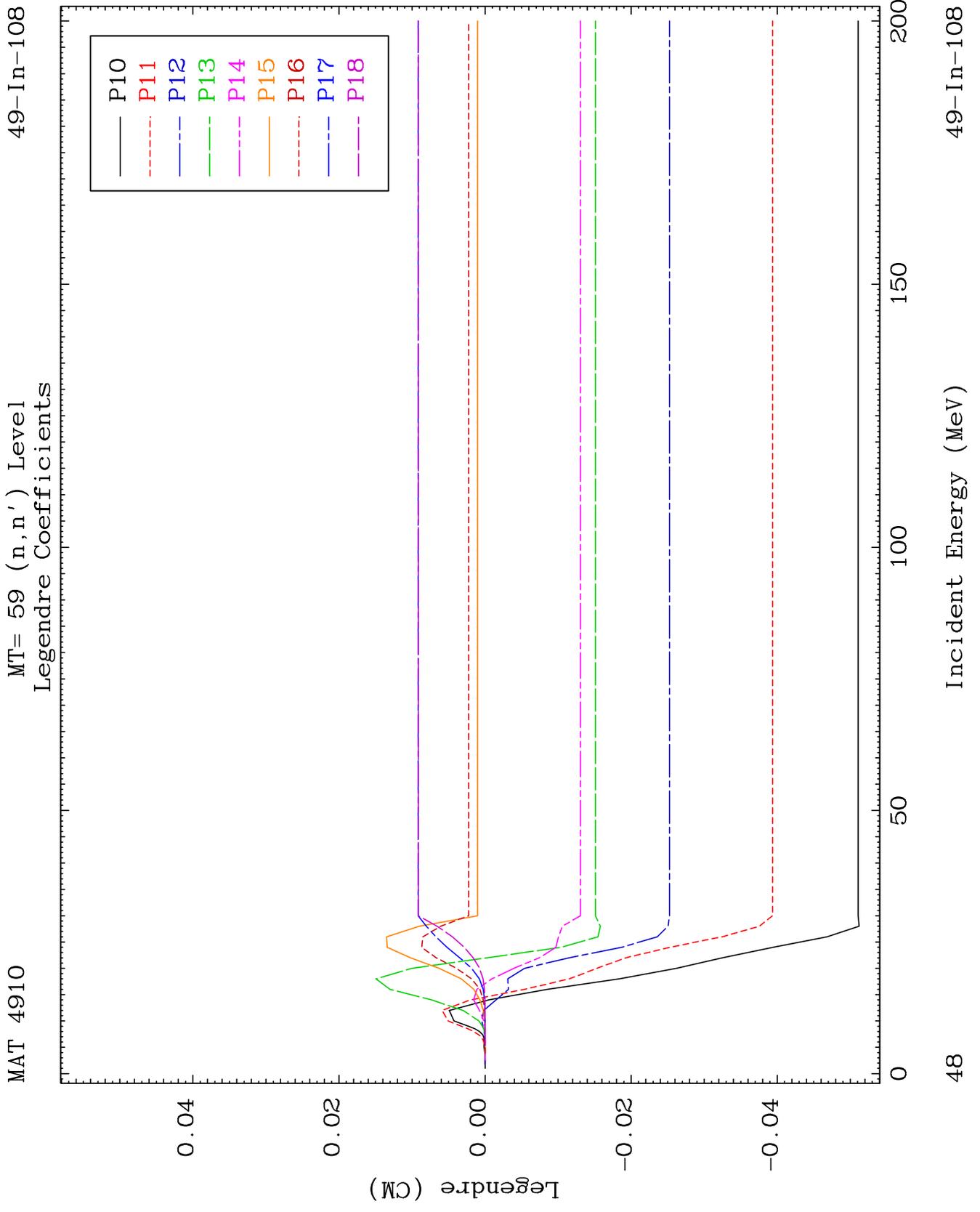
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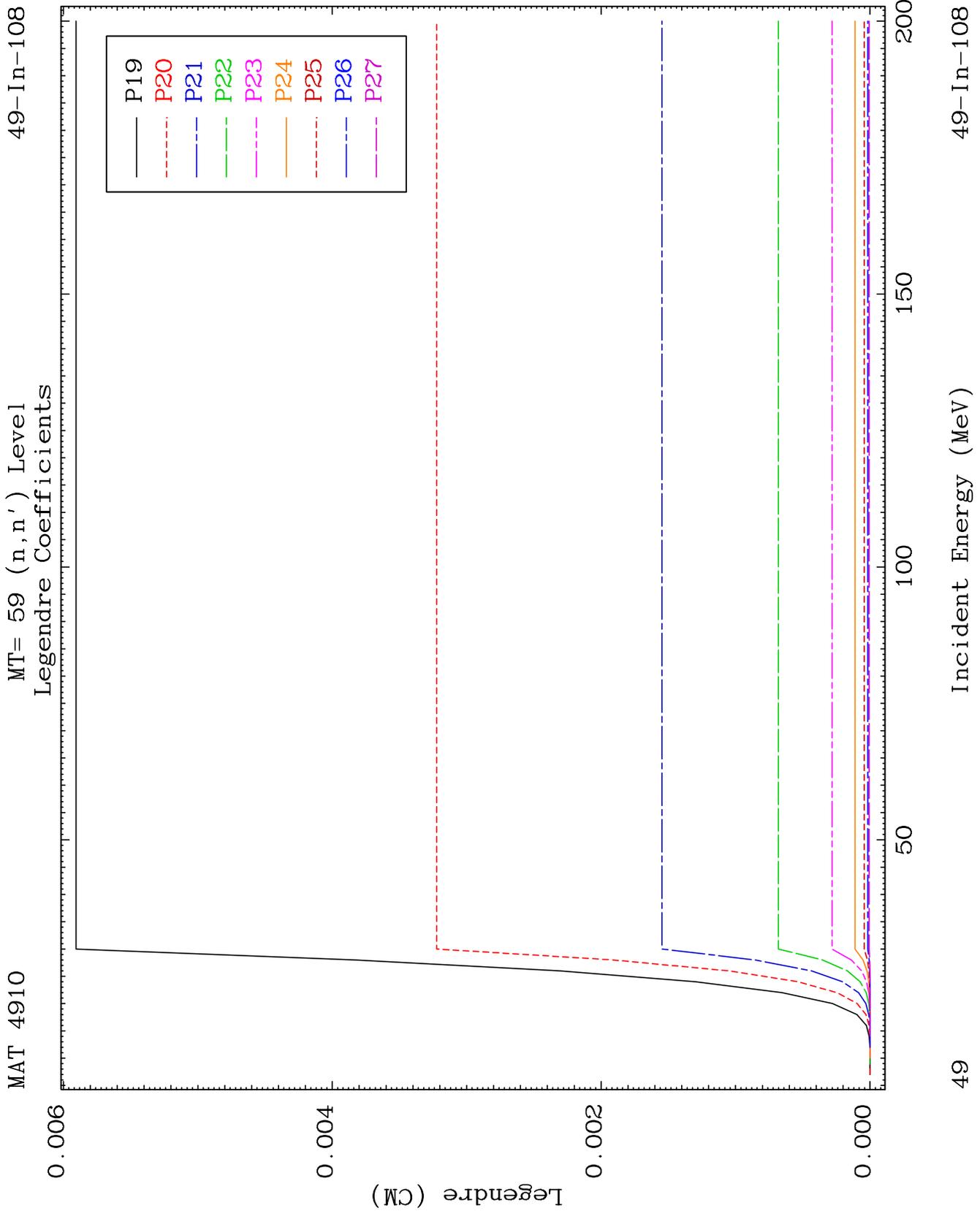
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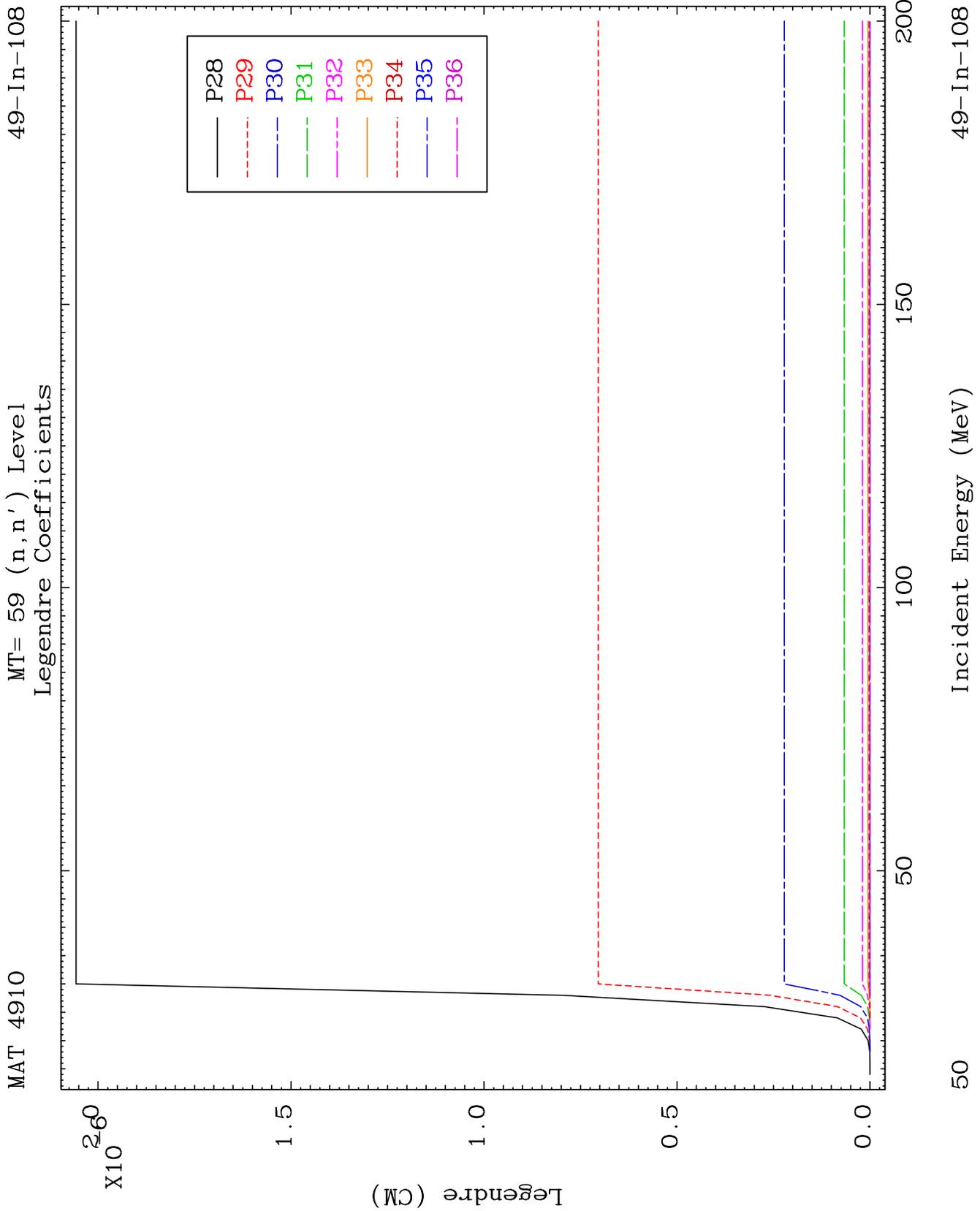


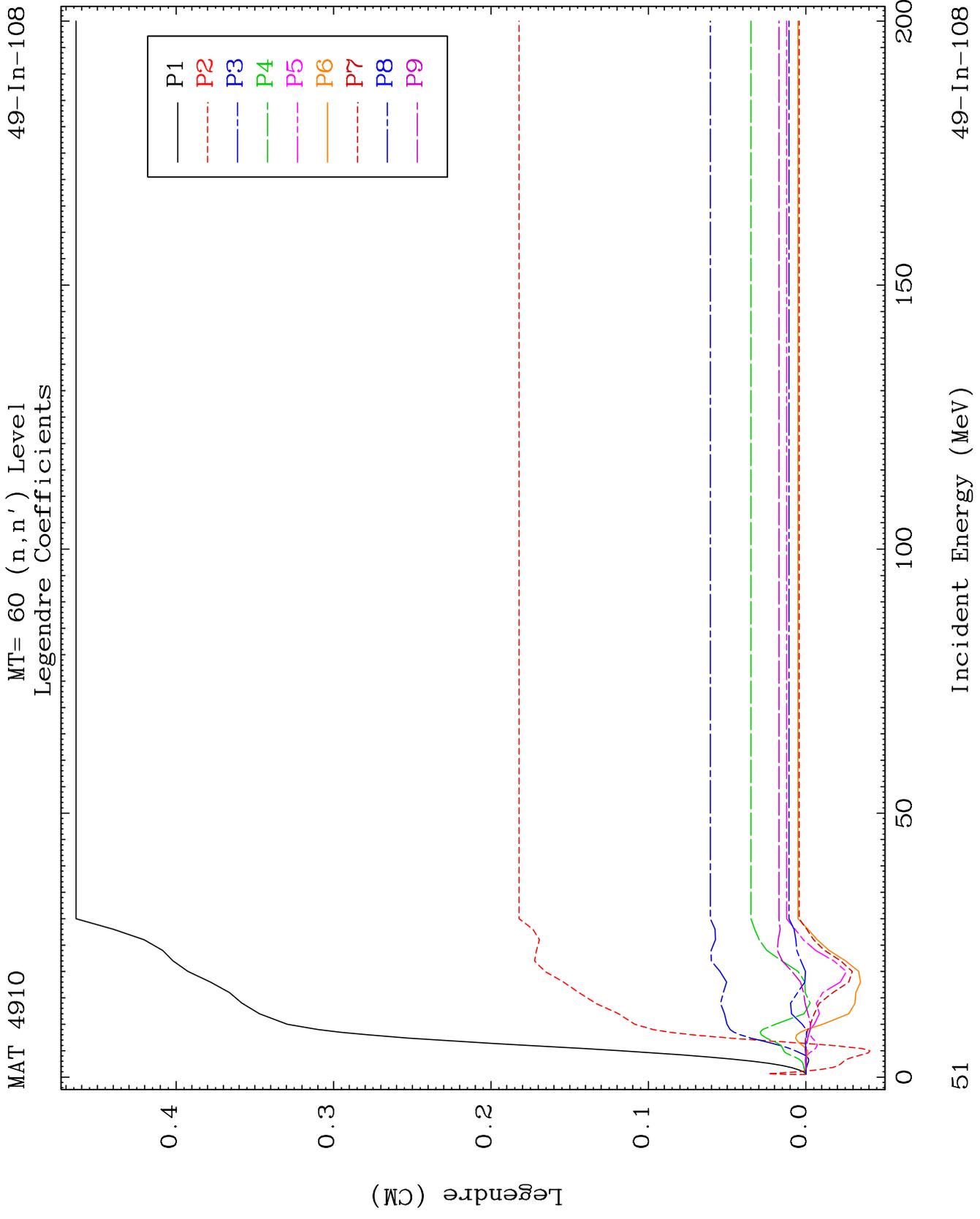
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49-In-108





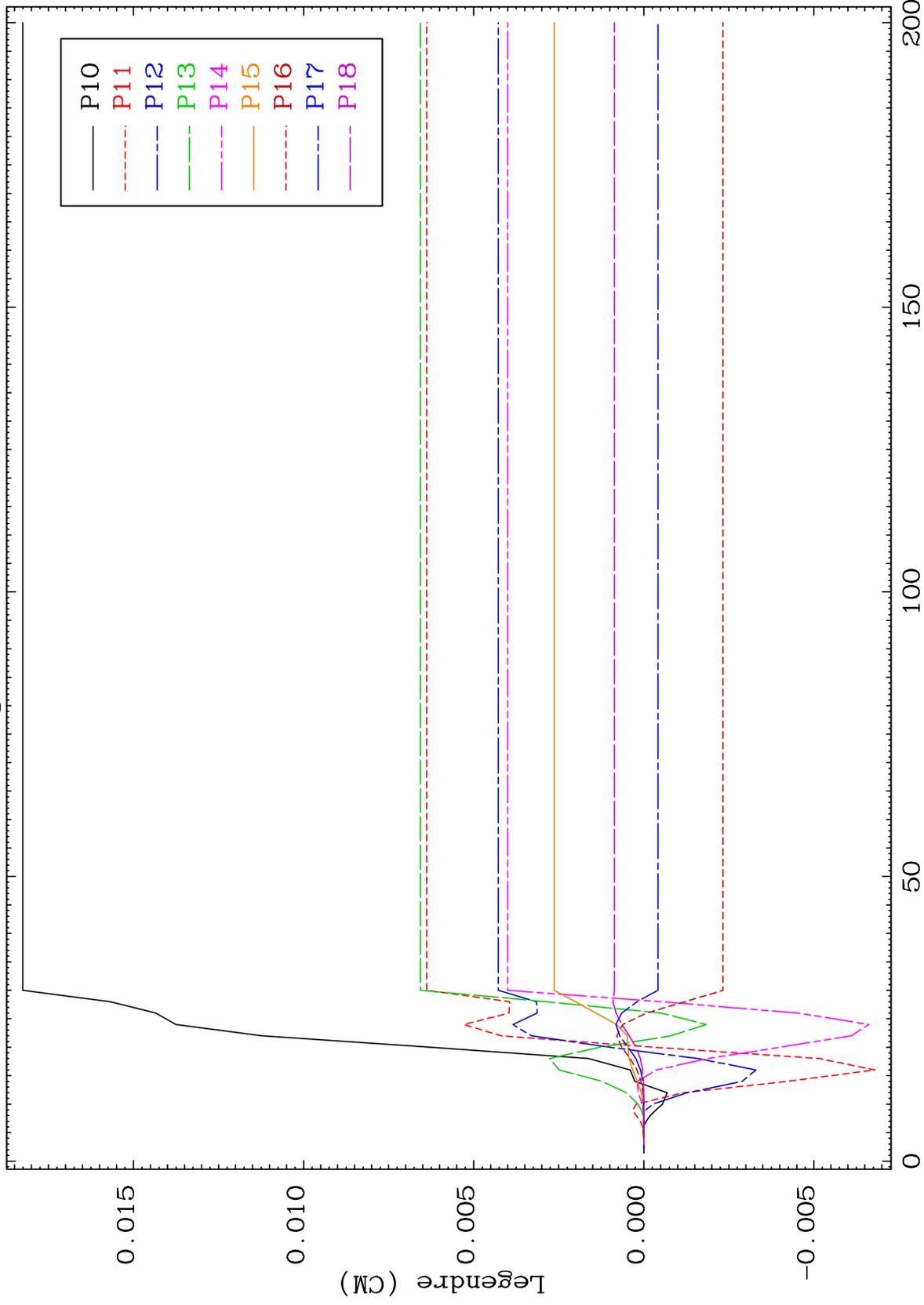




MAT 4910

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

49-In-108



52

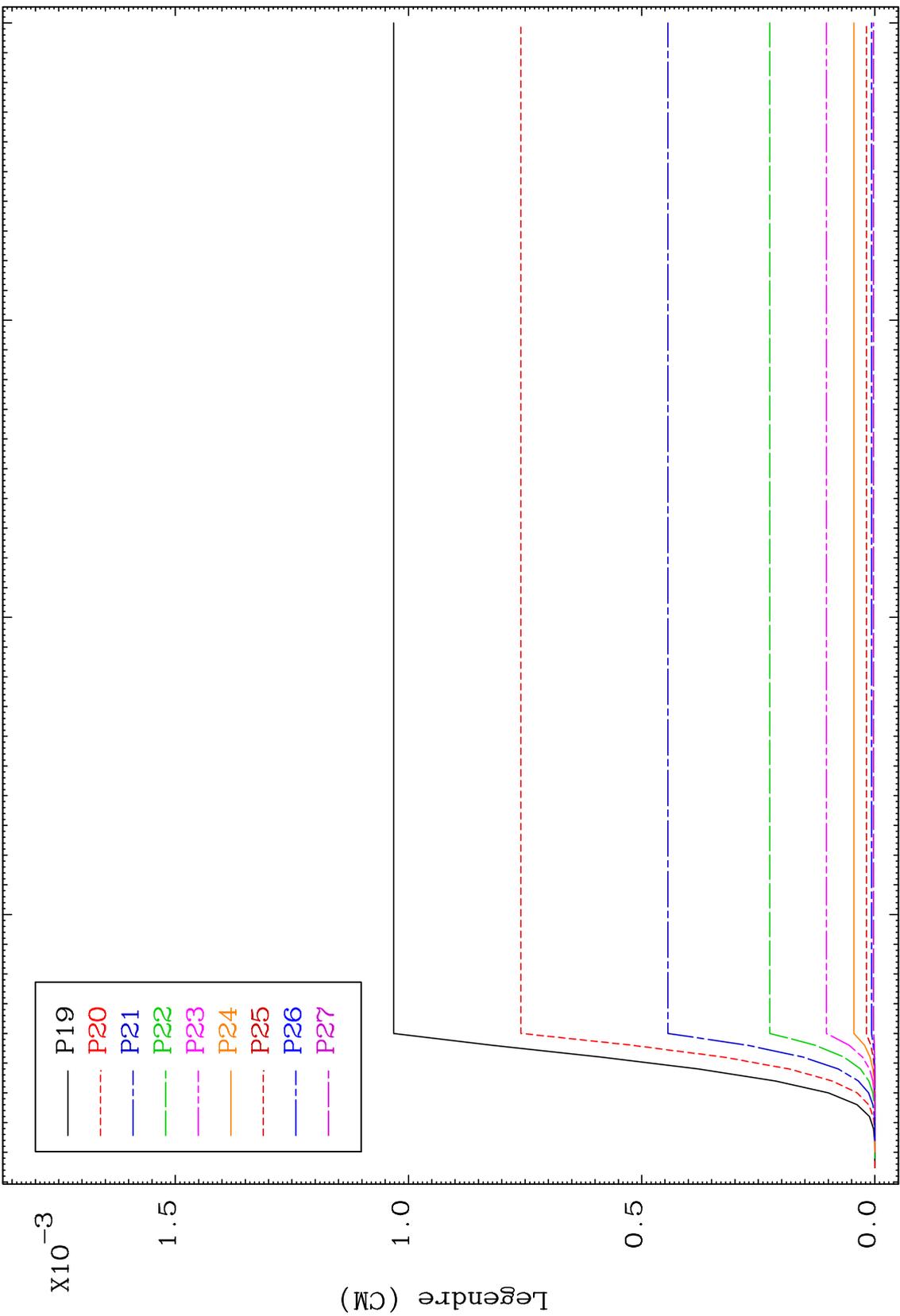
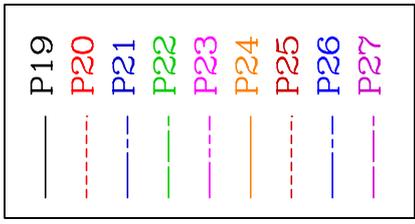
Incident Energy (MeV)

49-In-108

MAT 4910

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

49-In-108



53

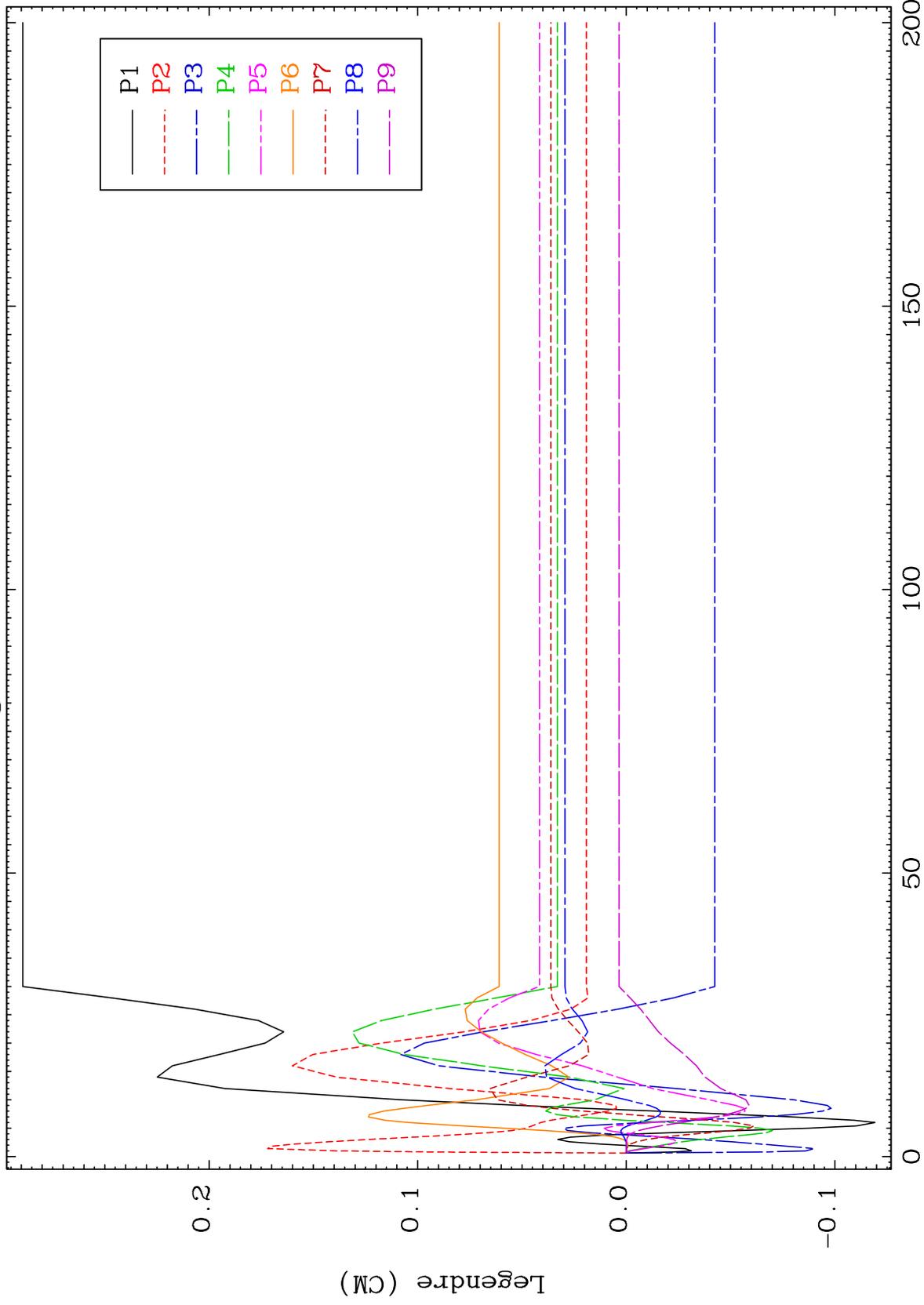
Incident Energy (MeV)

49-In-108

MAT 4910

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

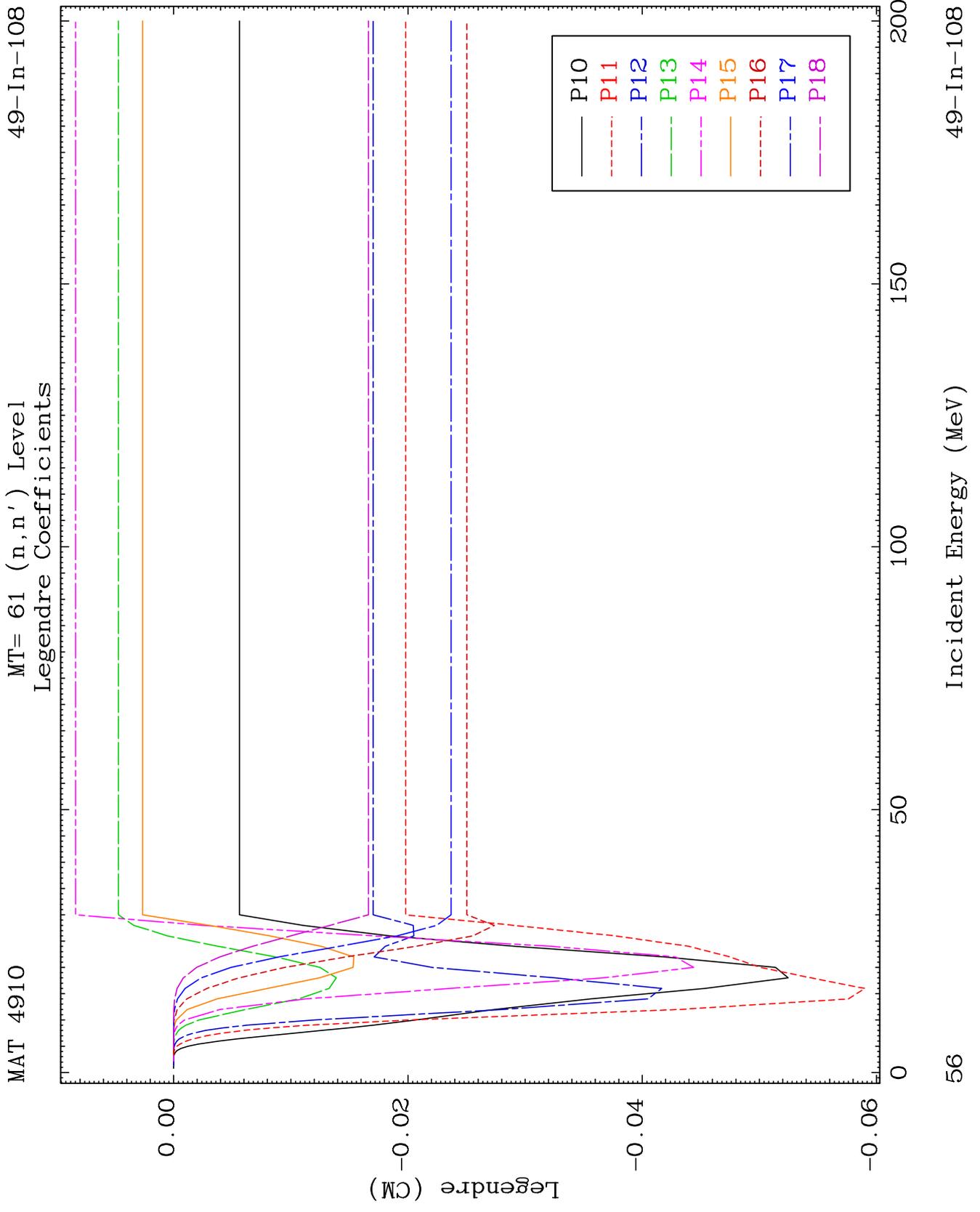
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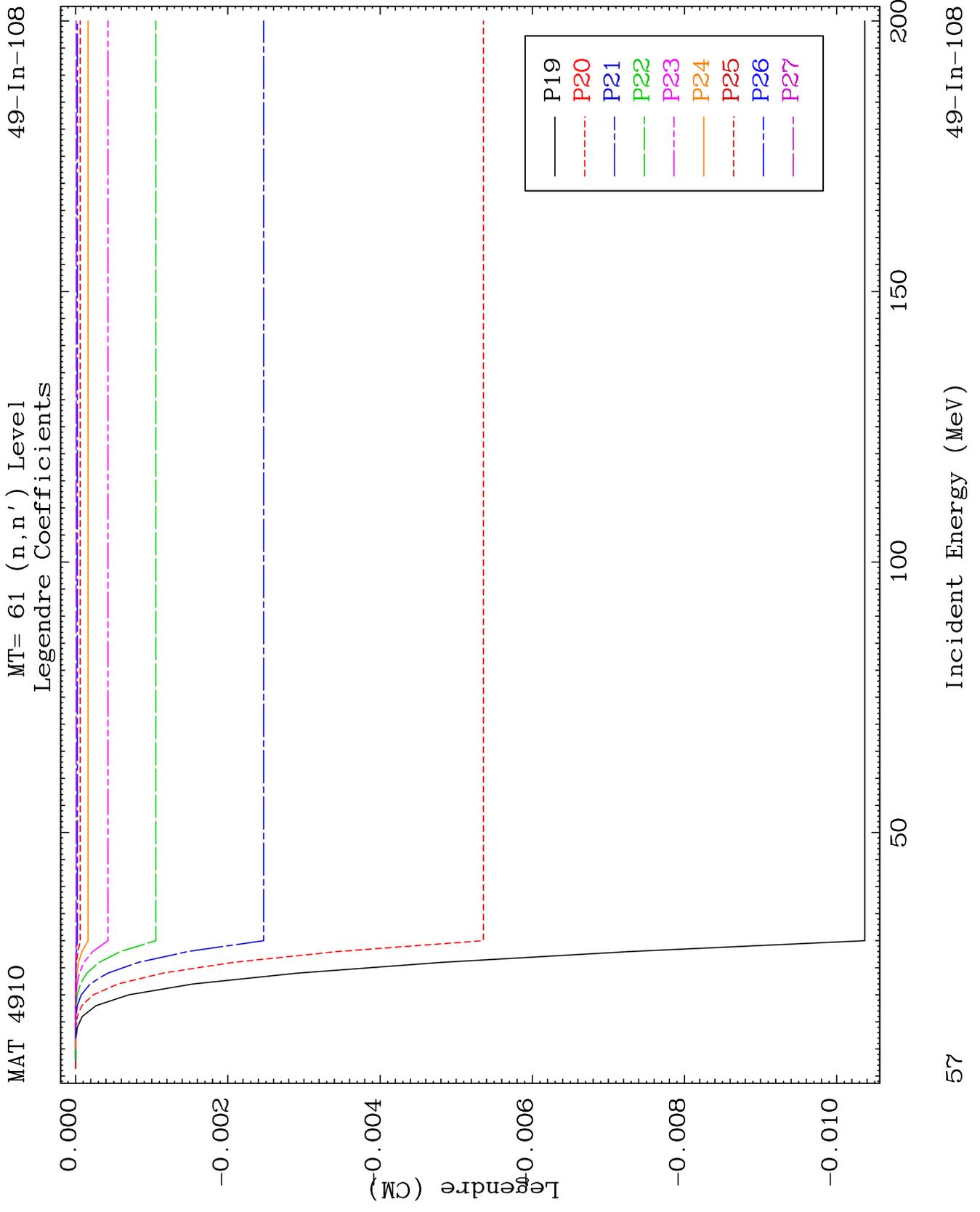


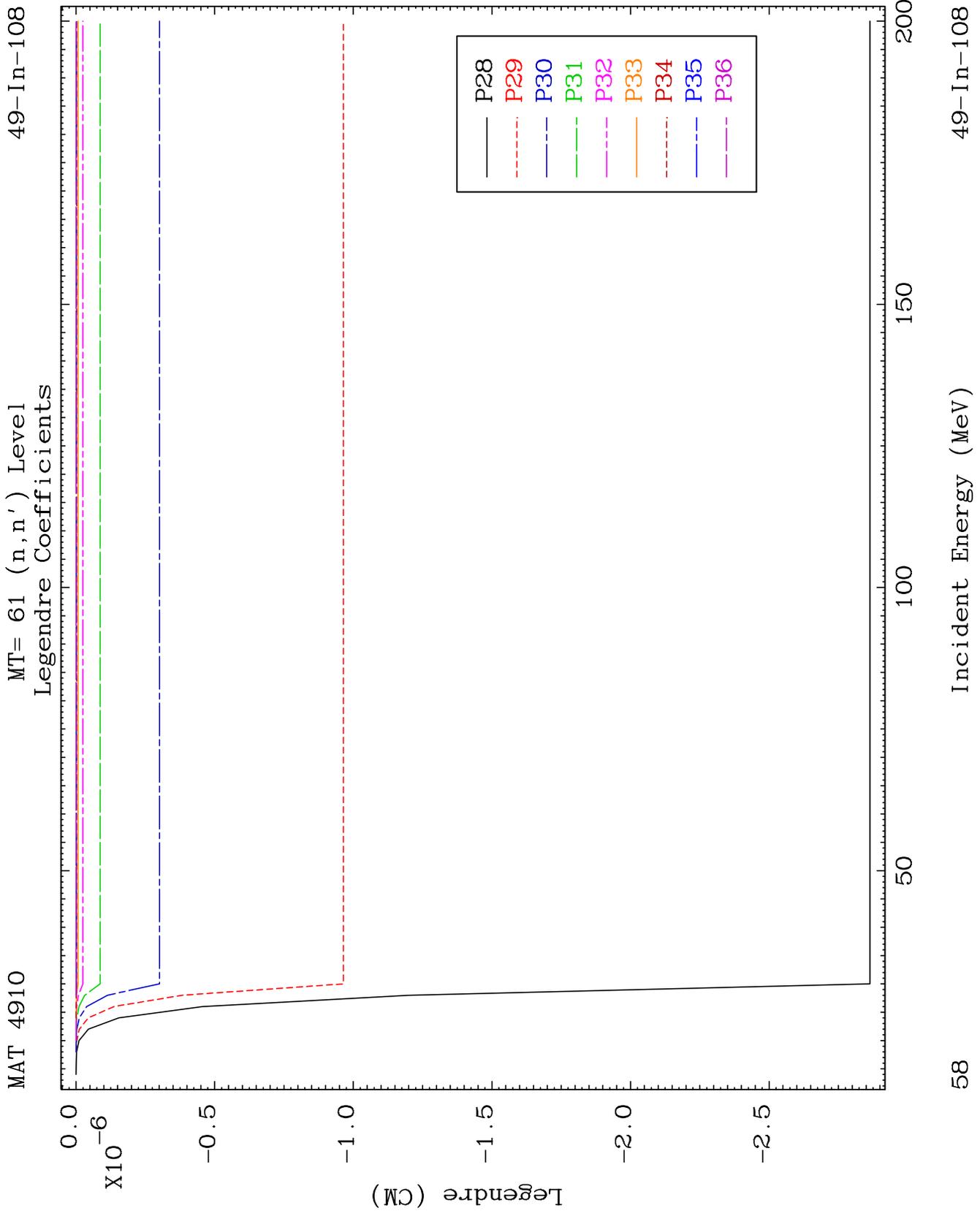
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Incident Energy (MeV)

49-In-108



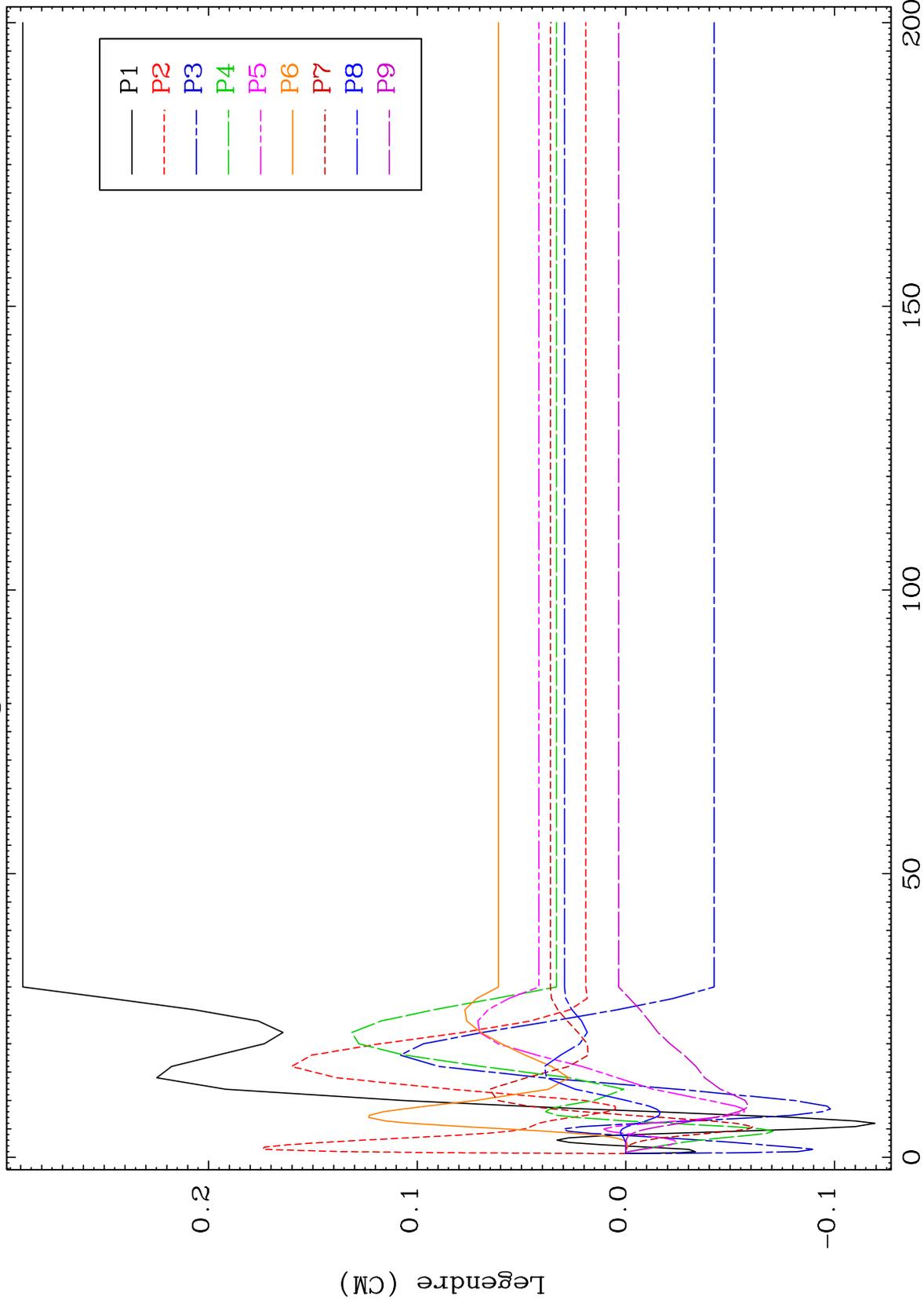




MAT 4910

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

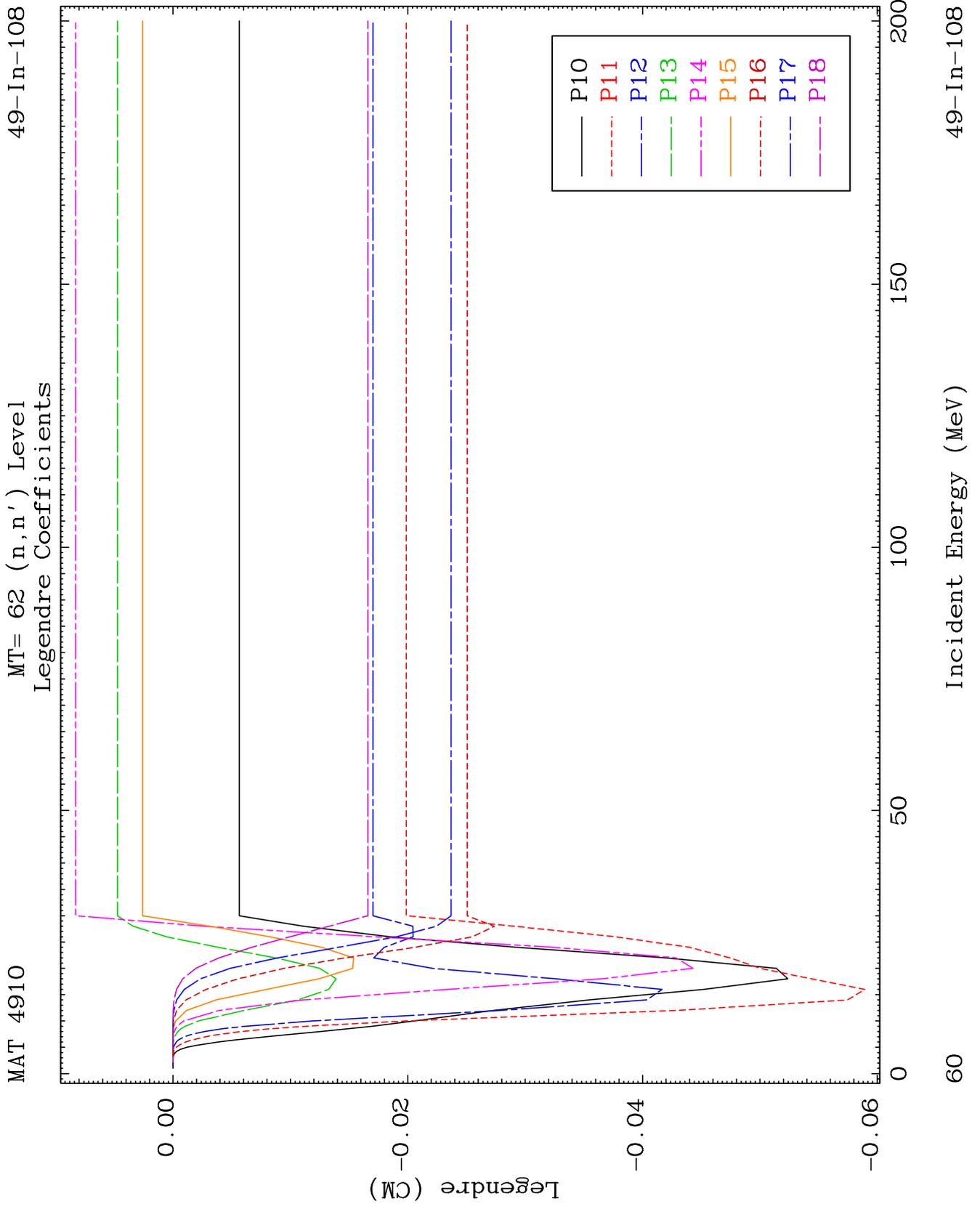
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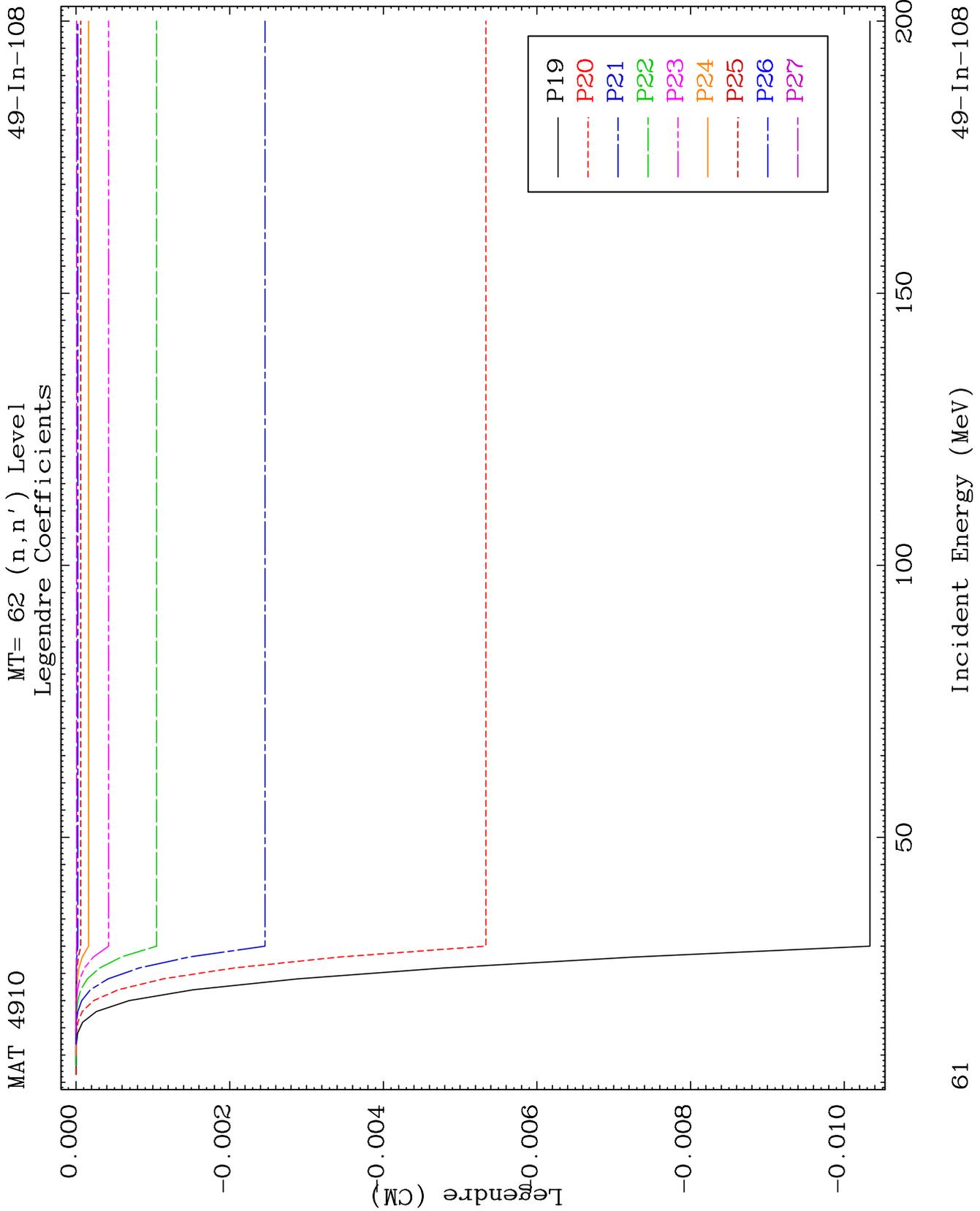


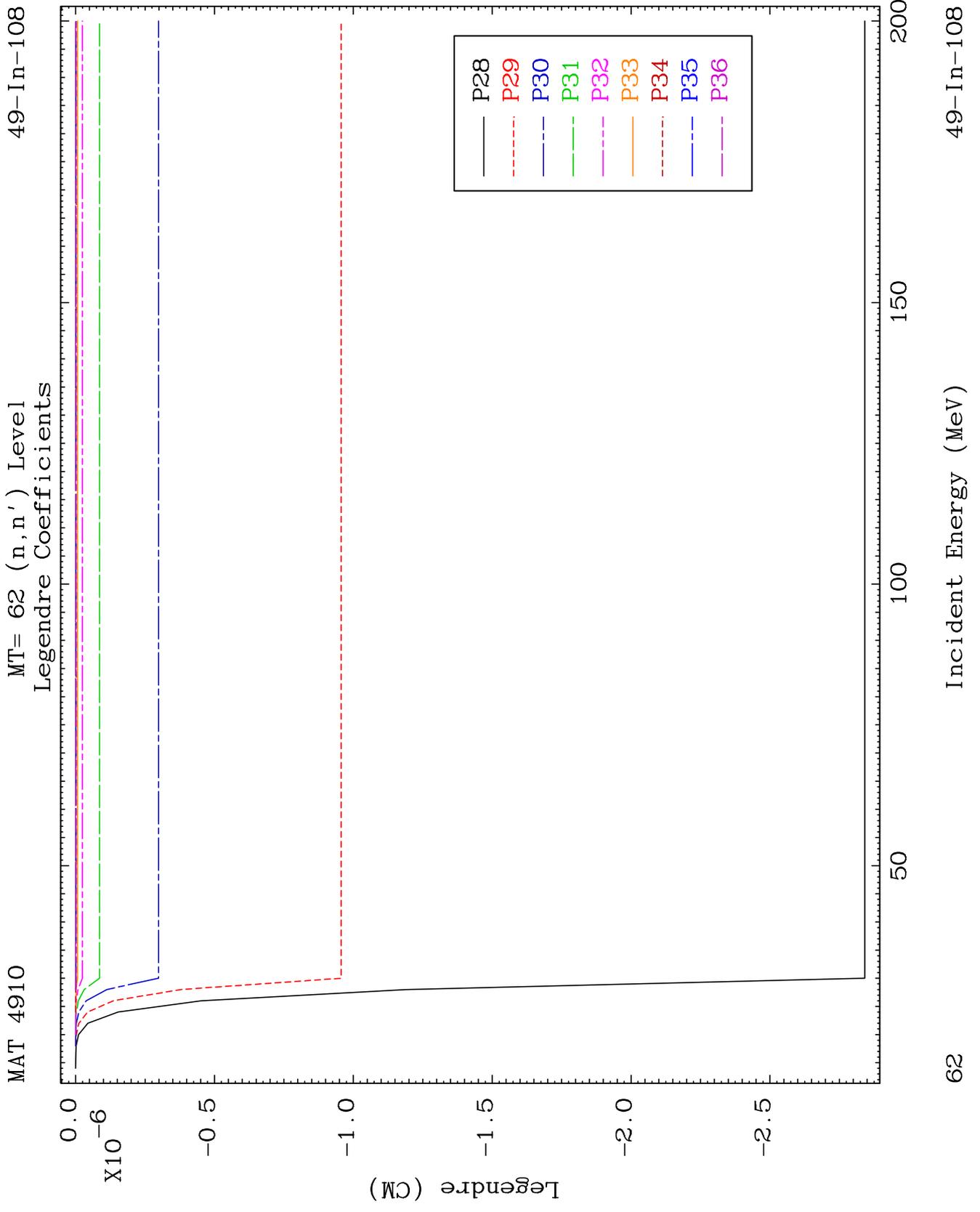
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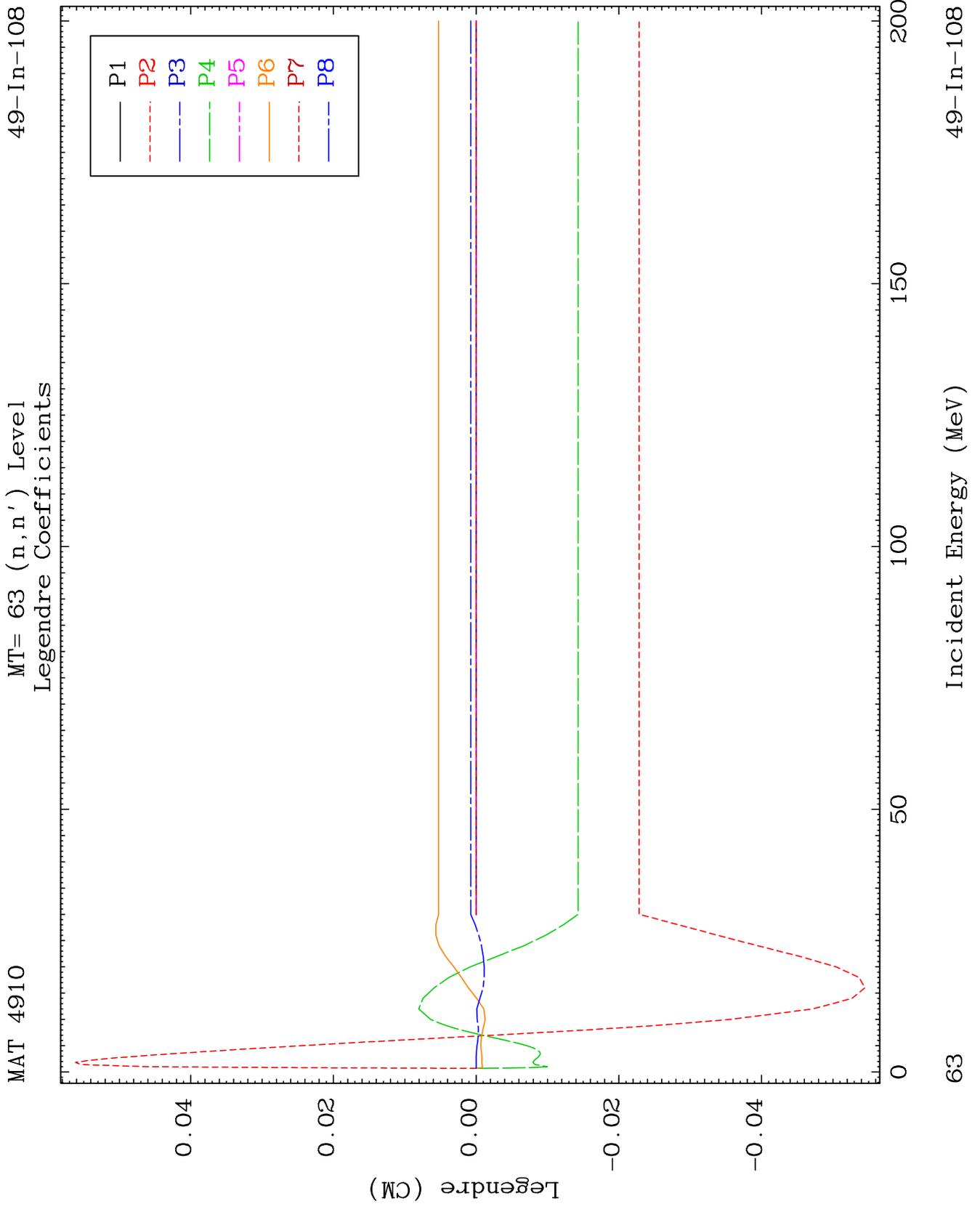
Incident Energy (MeV)

49-In-108





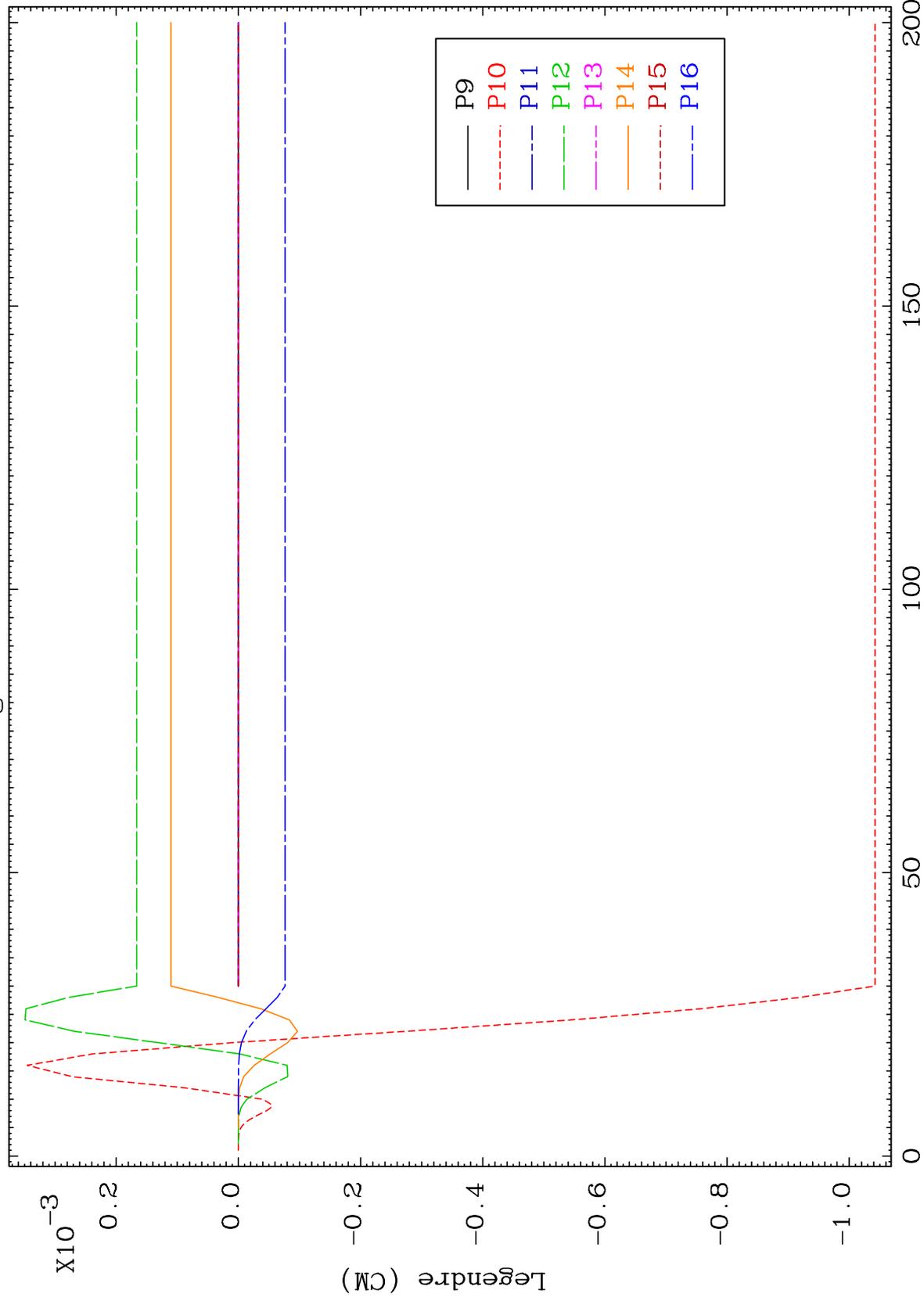




MAT 4910

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

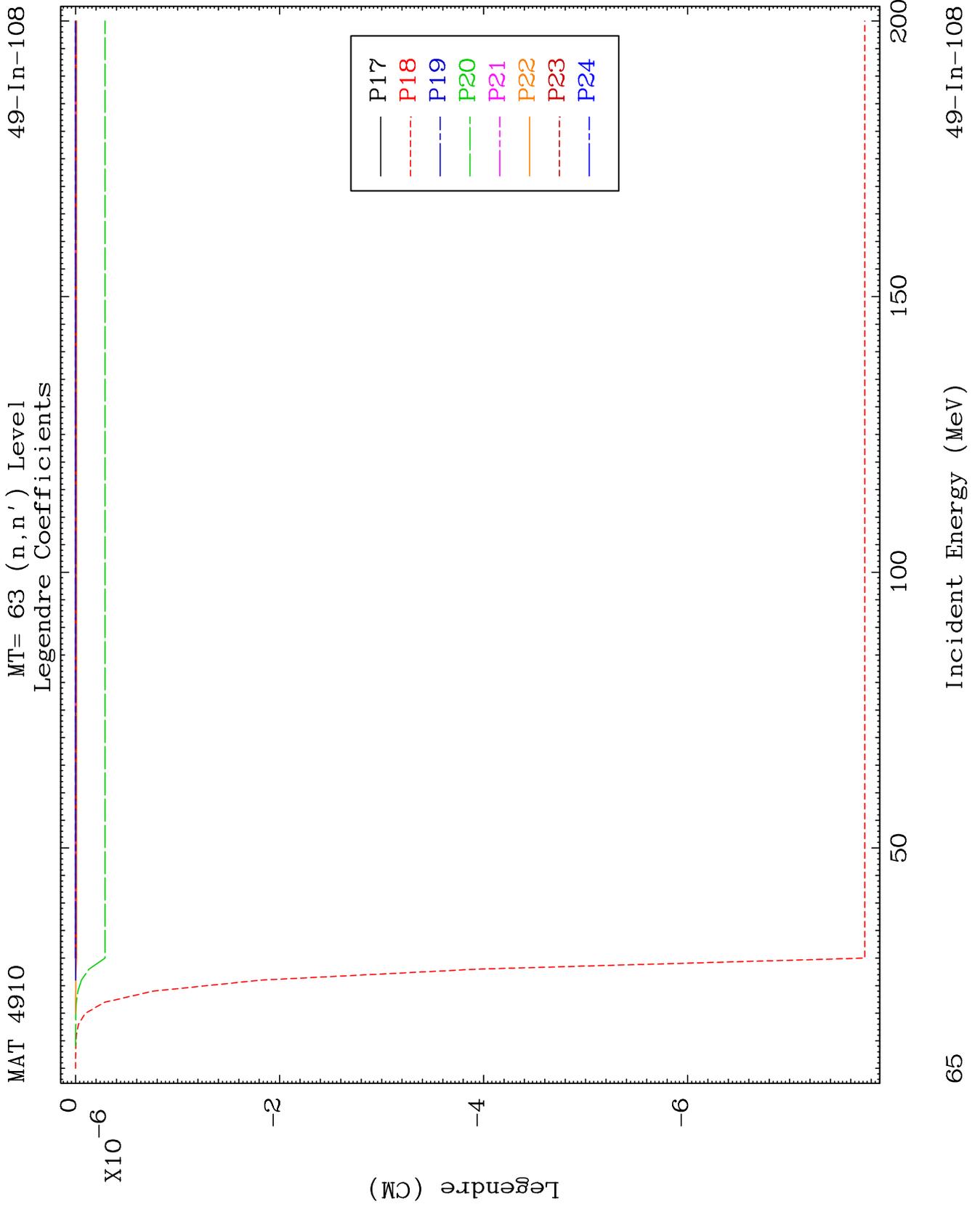
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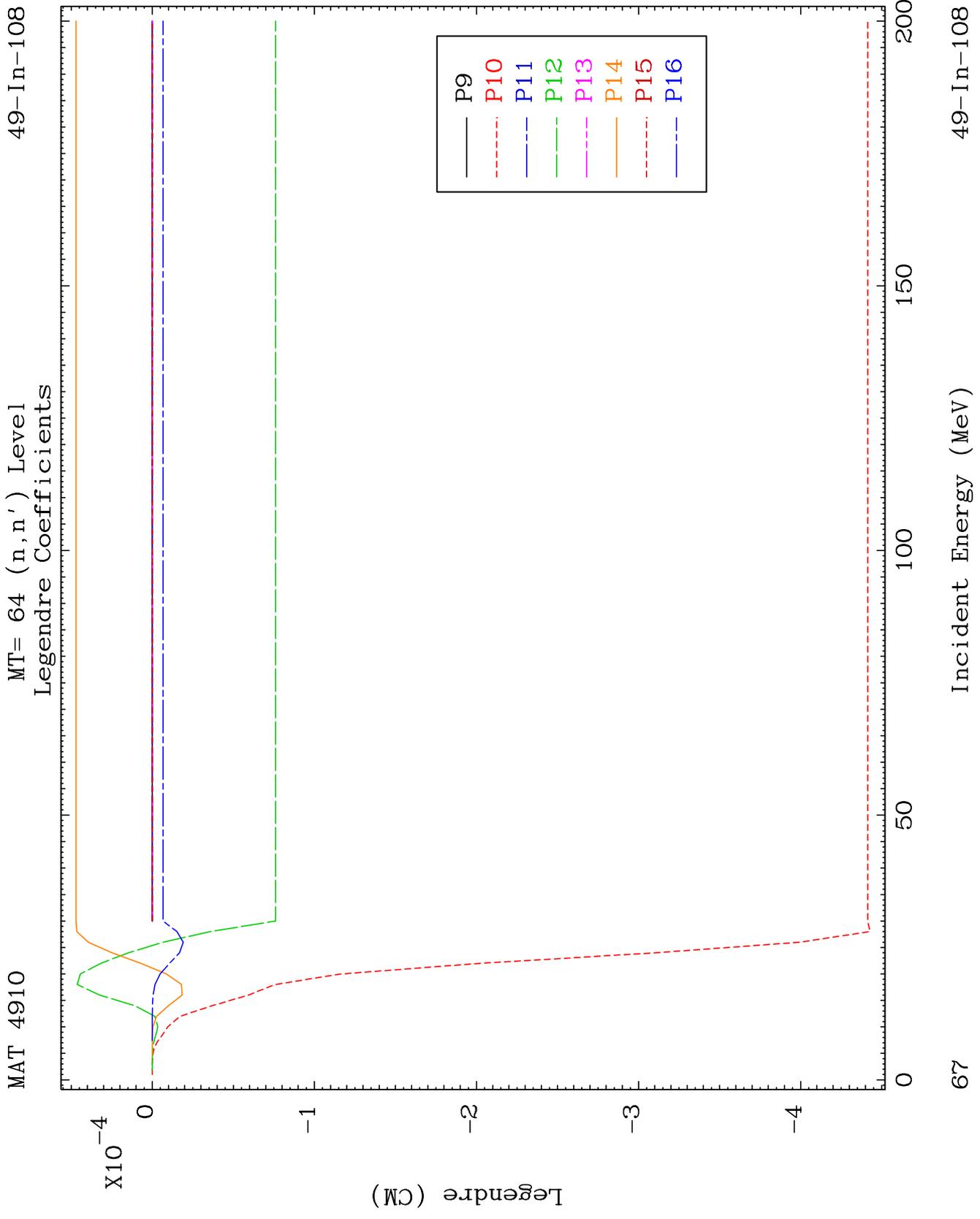


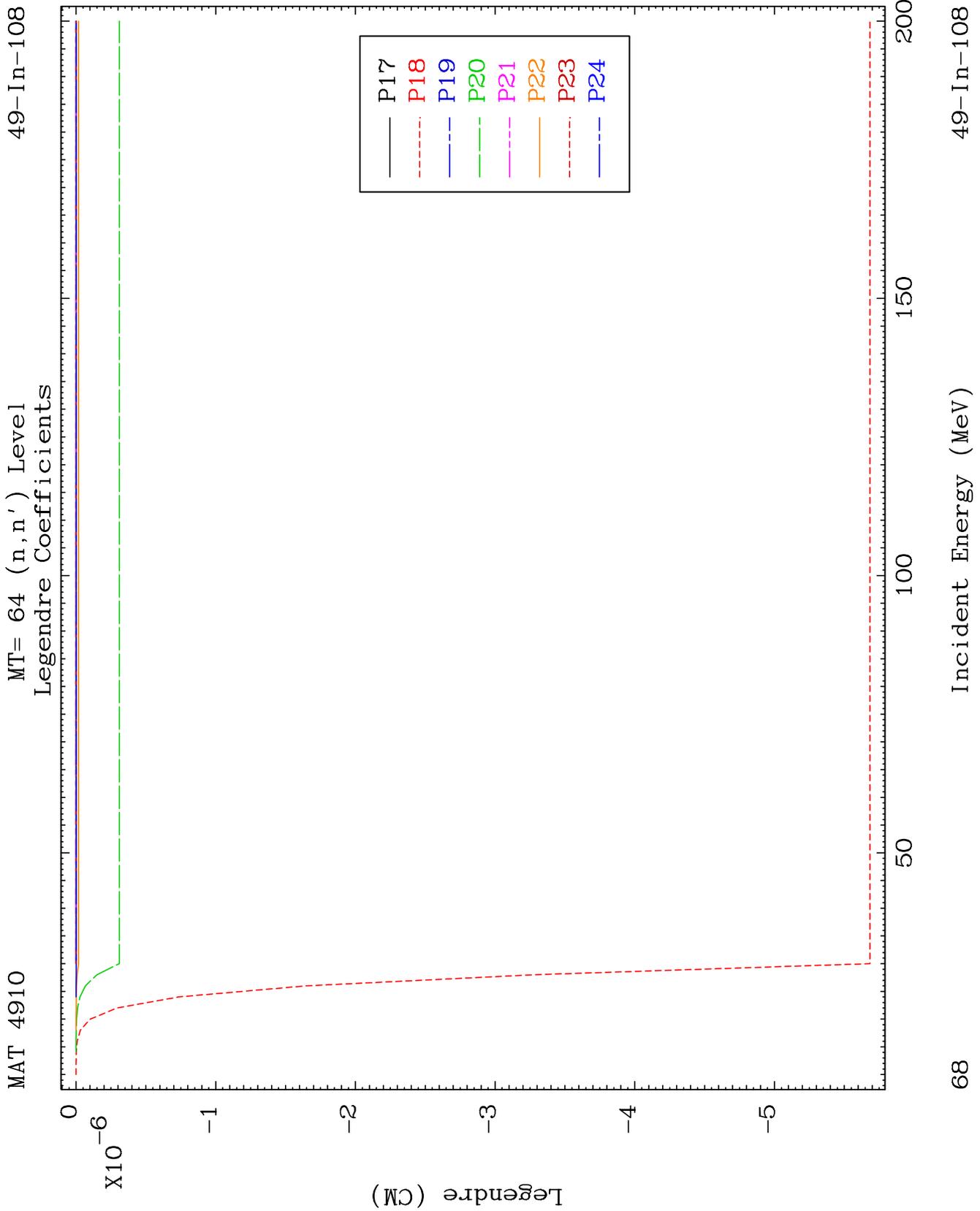
64

Incident Energy (MeV)

49-In-108



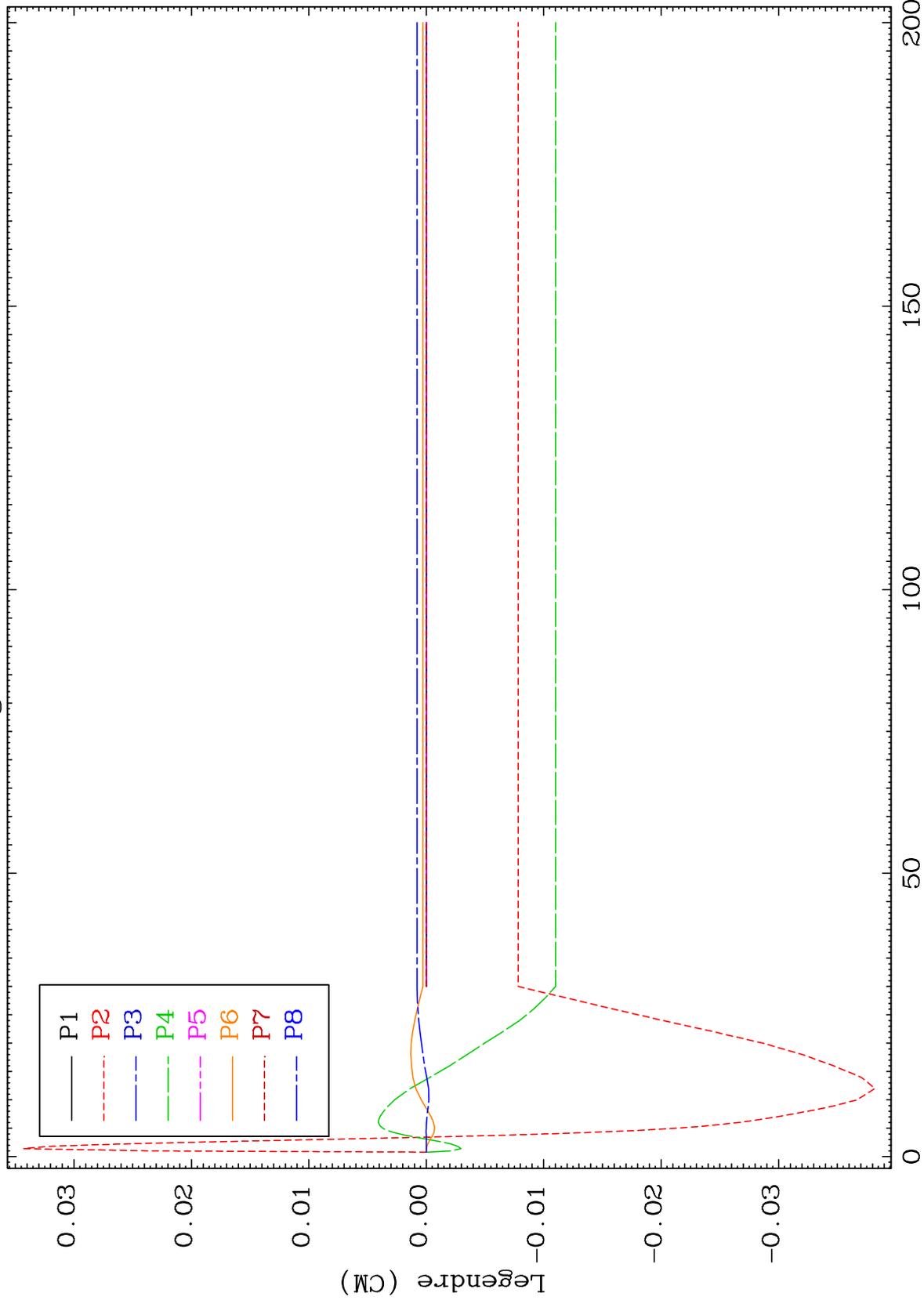




MAT 4910

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

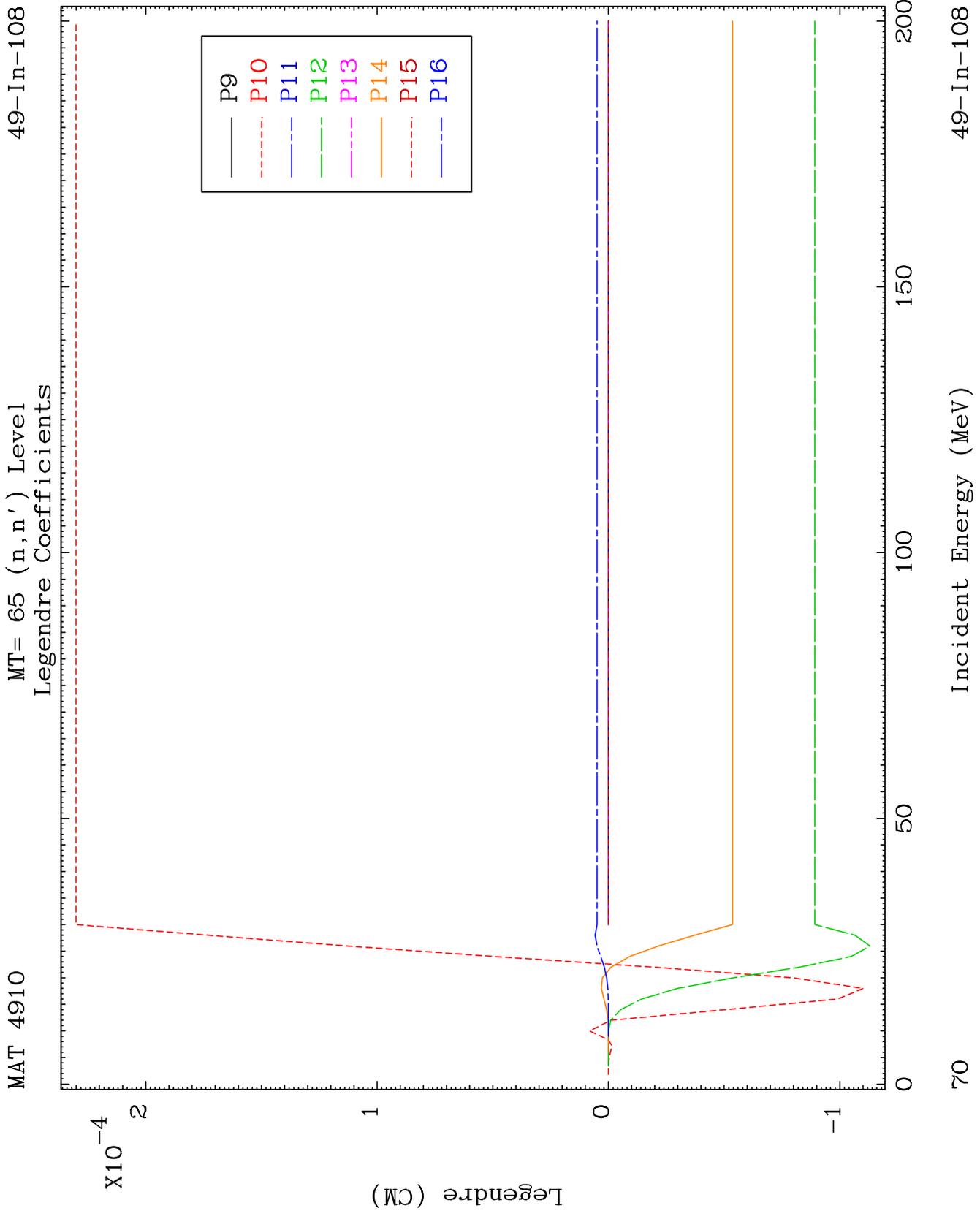
49-In-108



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Incident Energy (MeV)

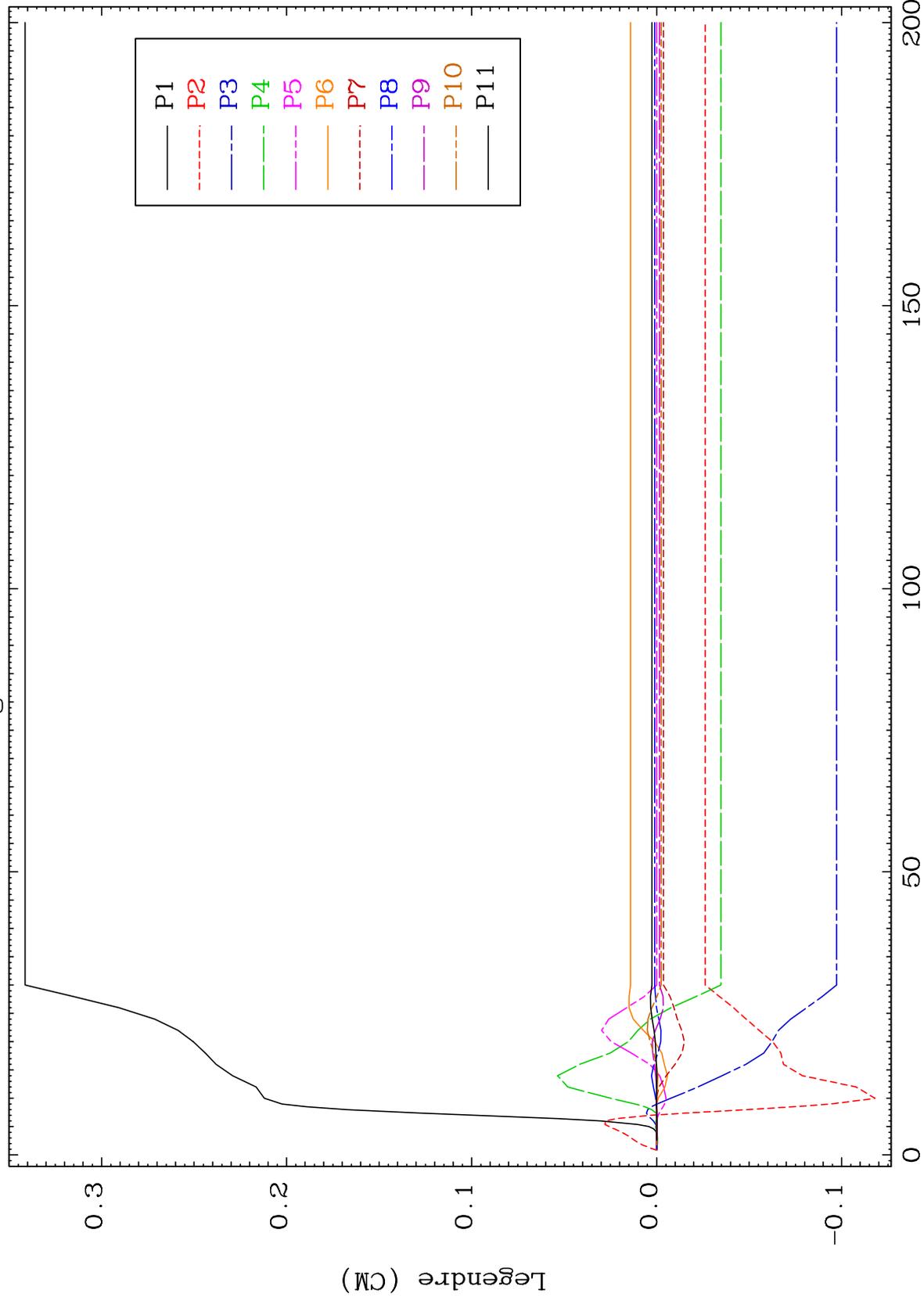
49-In-108



MAT 4910

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

49-In-108



72

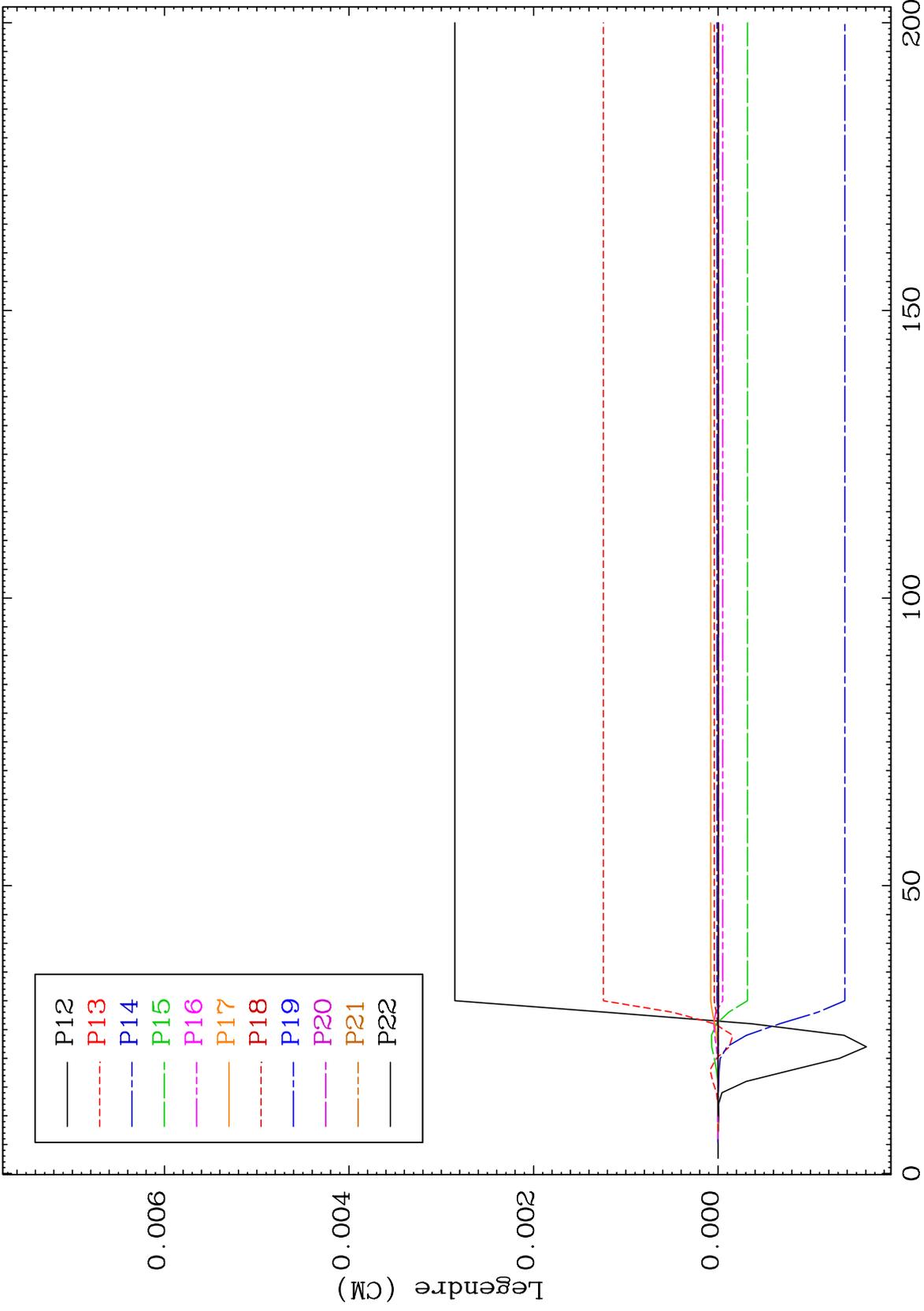
Incident Energy (MeV)

49-In-108

MAT 4910

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

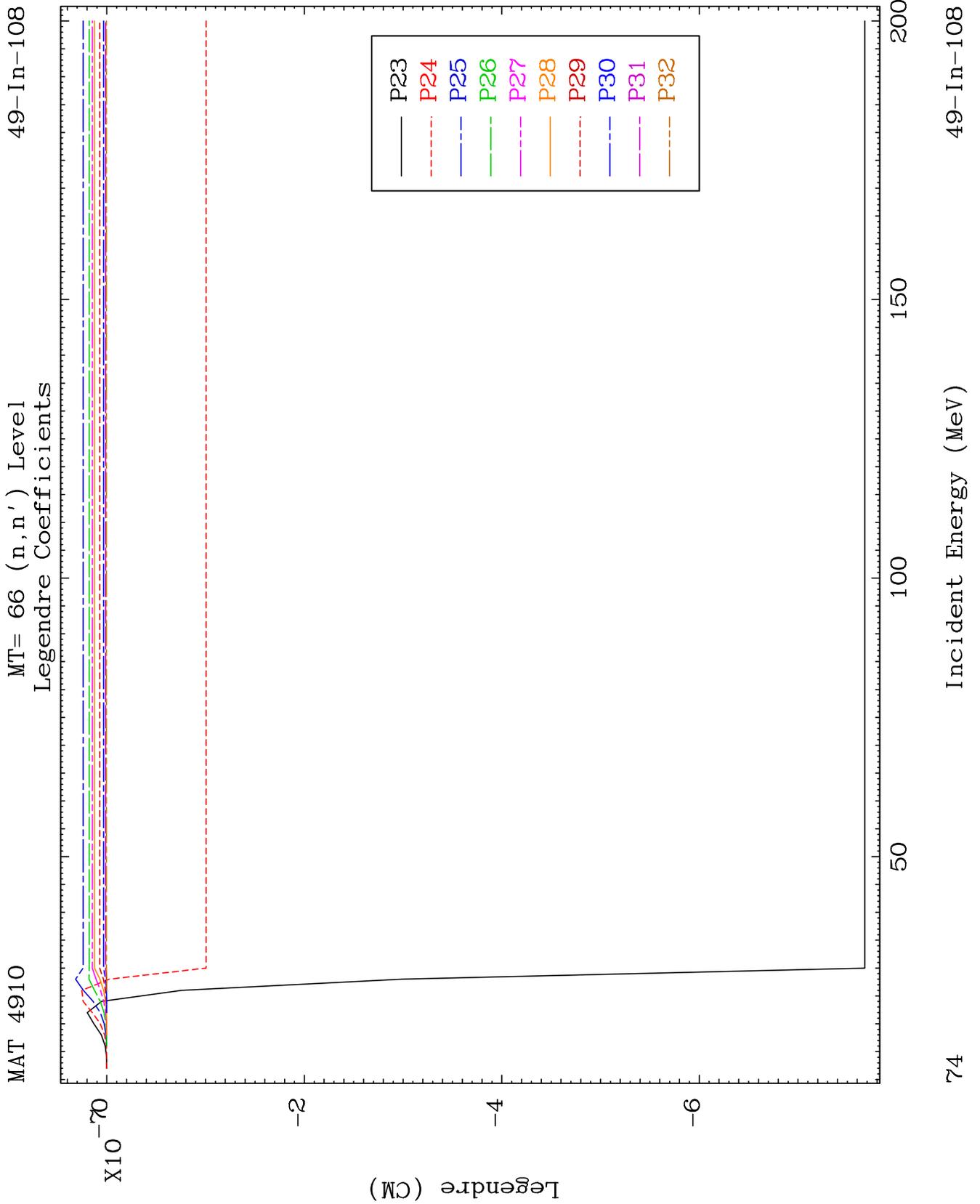
49-In-108



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Incident Energy (MeV)

49-In-108

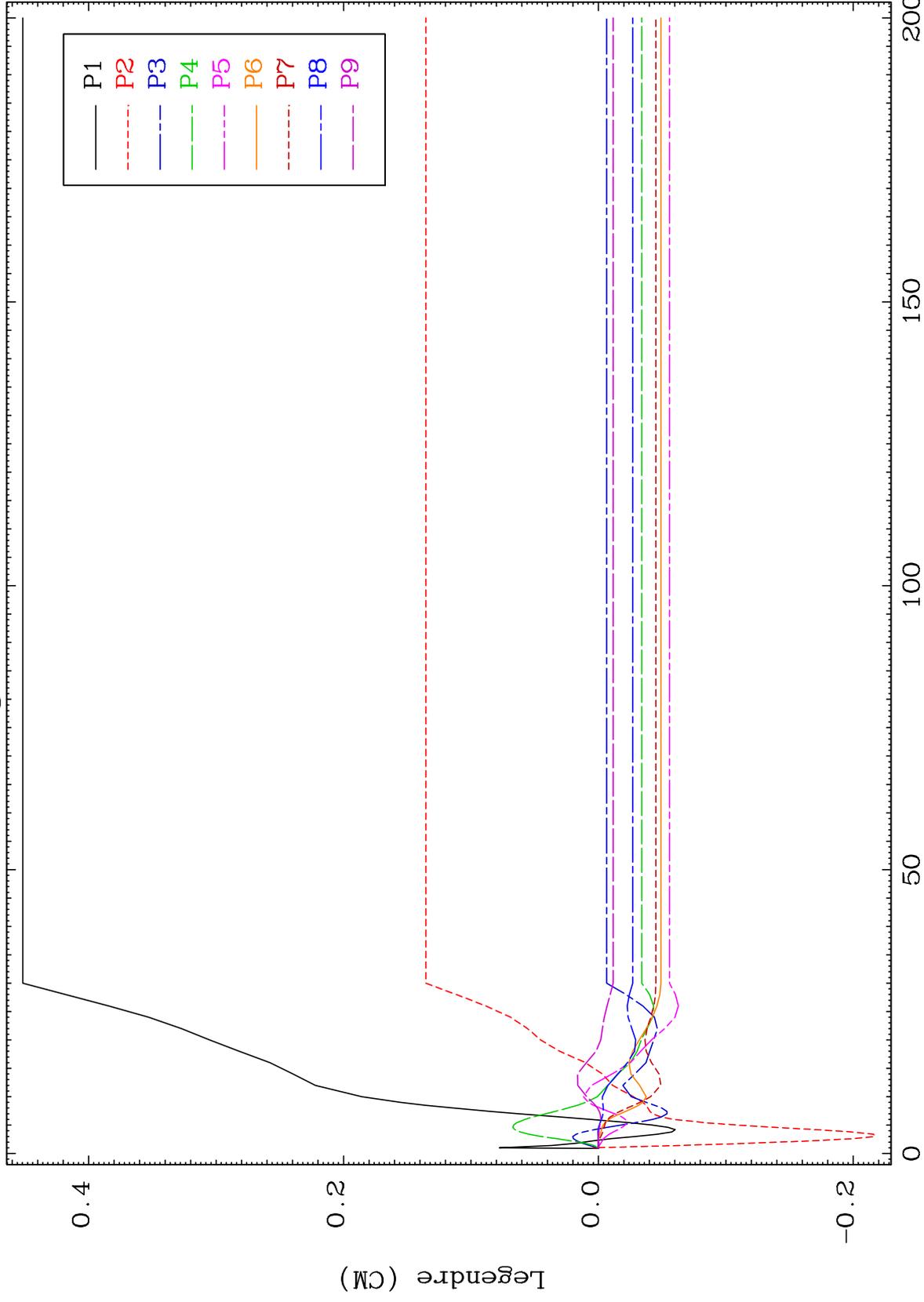


MAT 4910

MT= 67 (n,n') Level

49-In-108

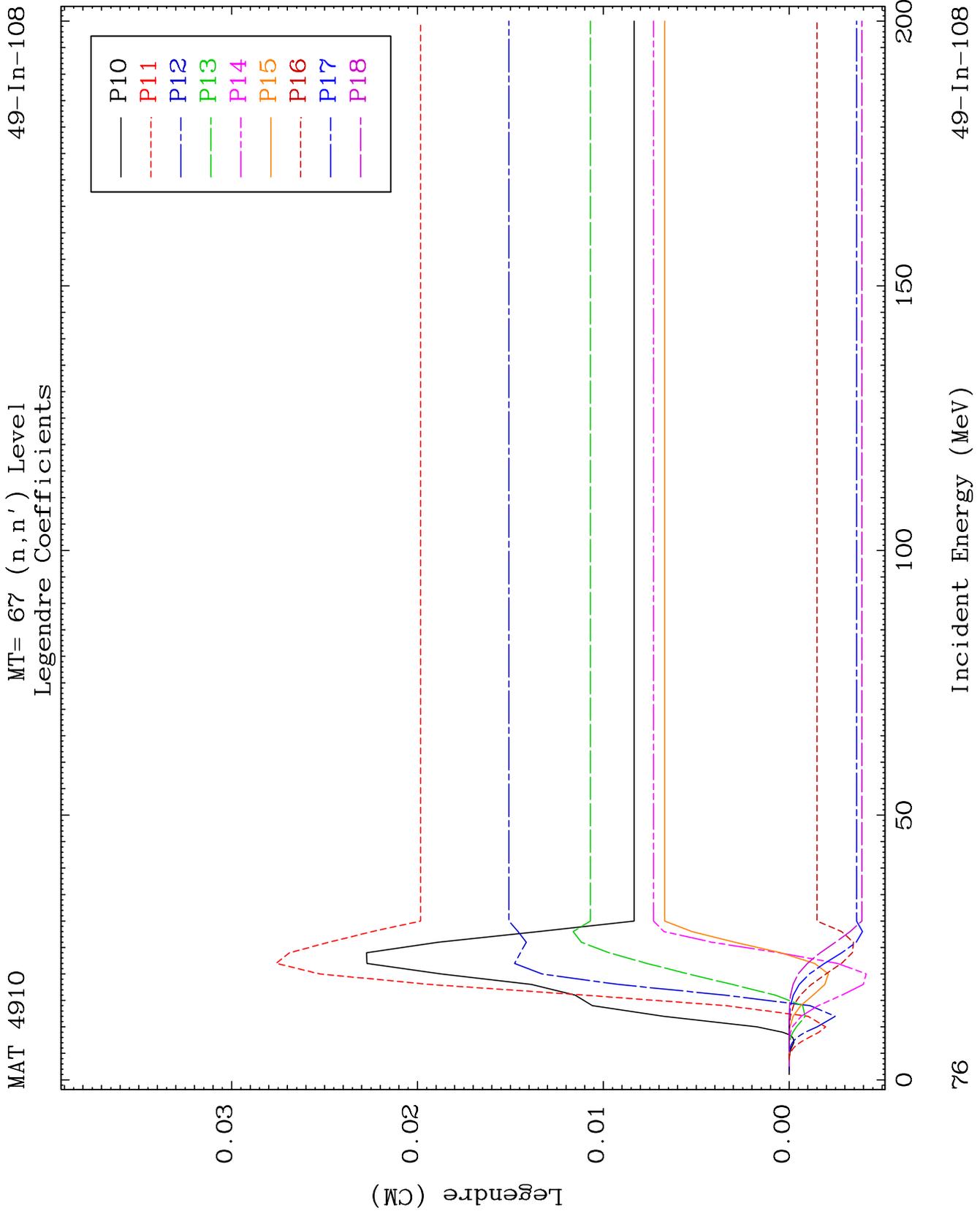
Legendre Coefficients

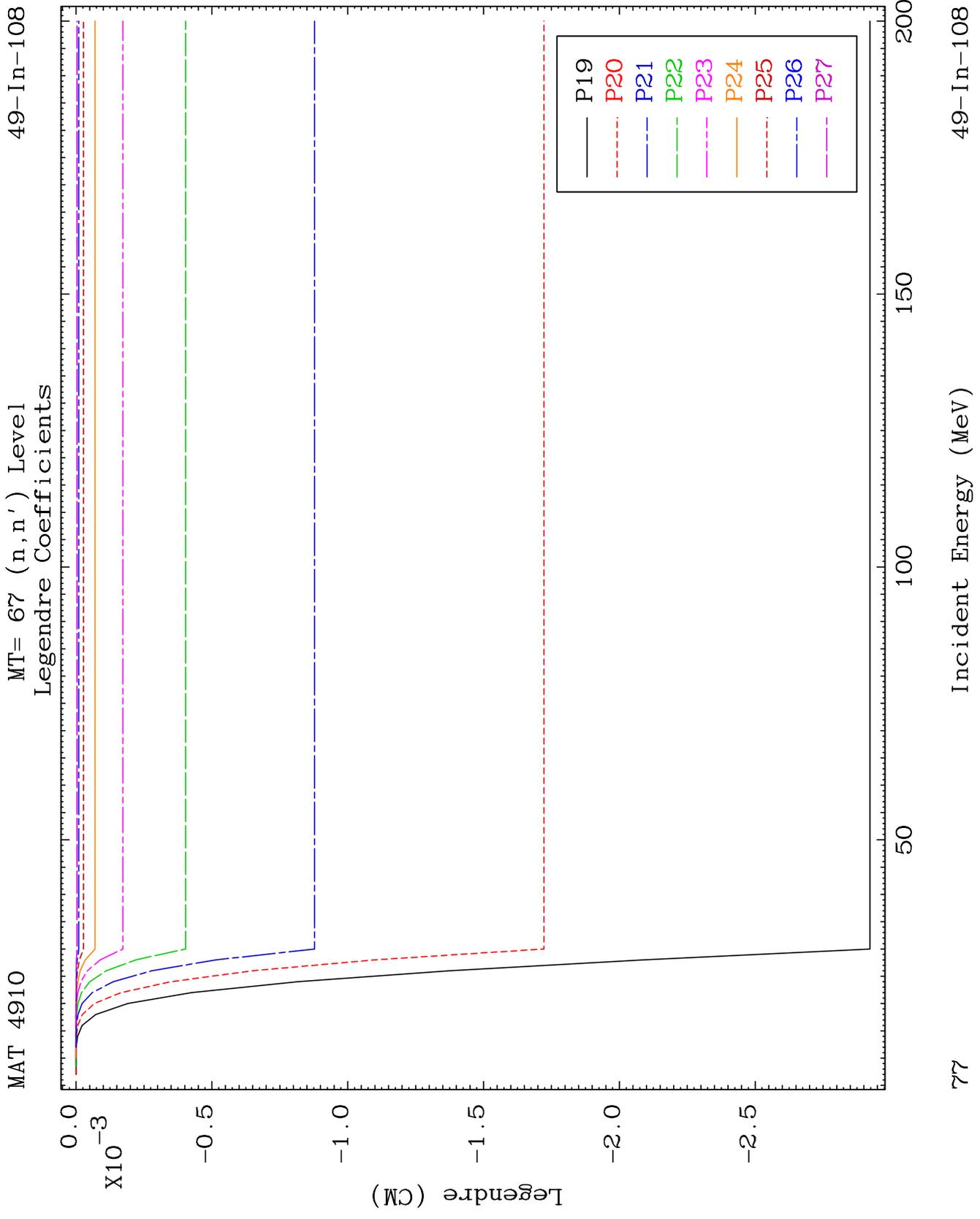


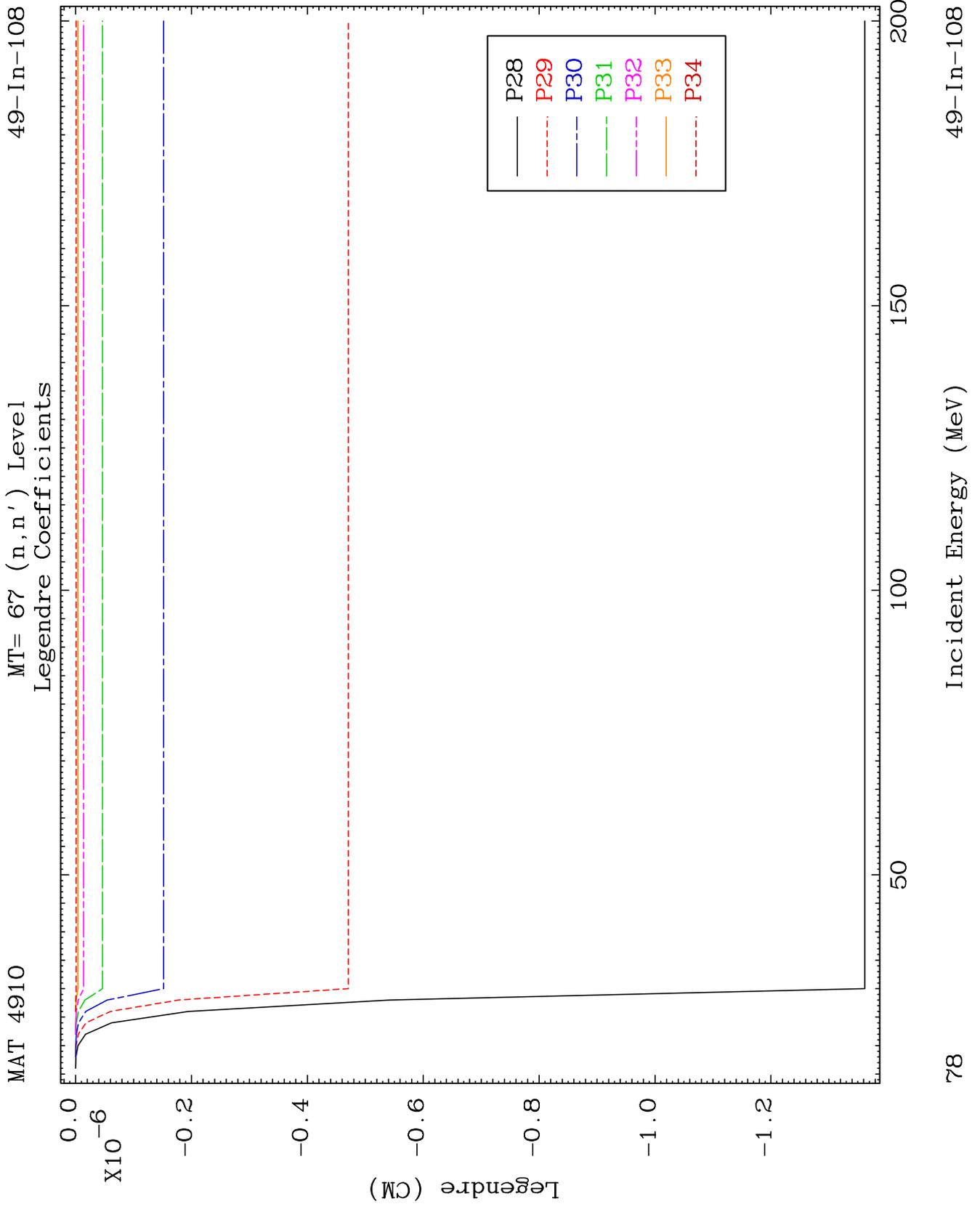
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Incident Energy (MeV)

49-In-108



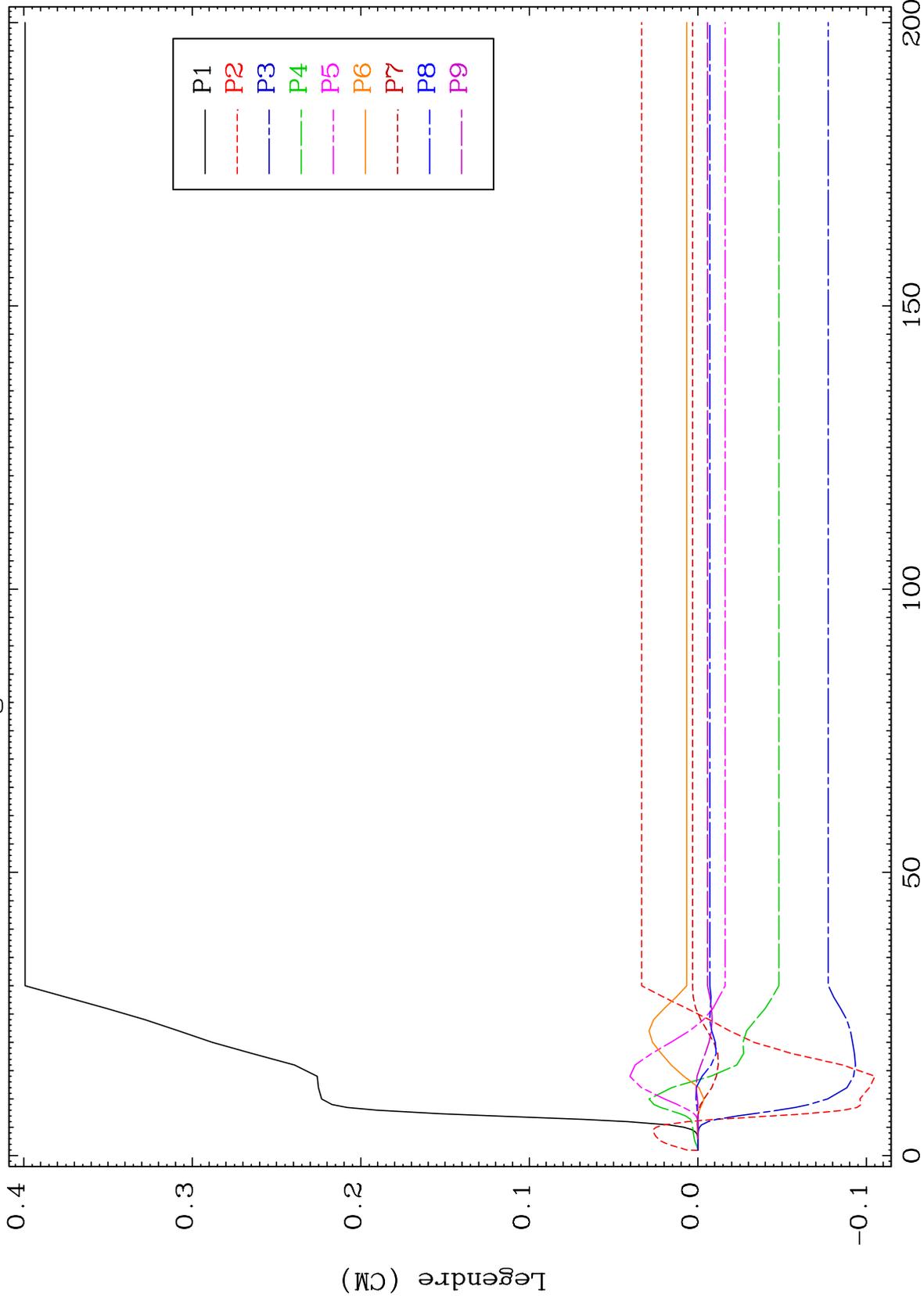




MAT 4910

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

49-In-108



79

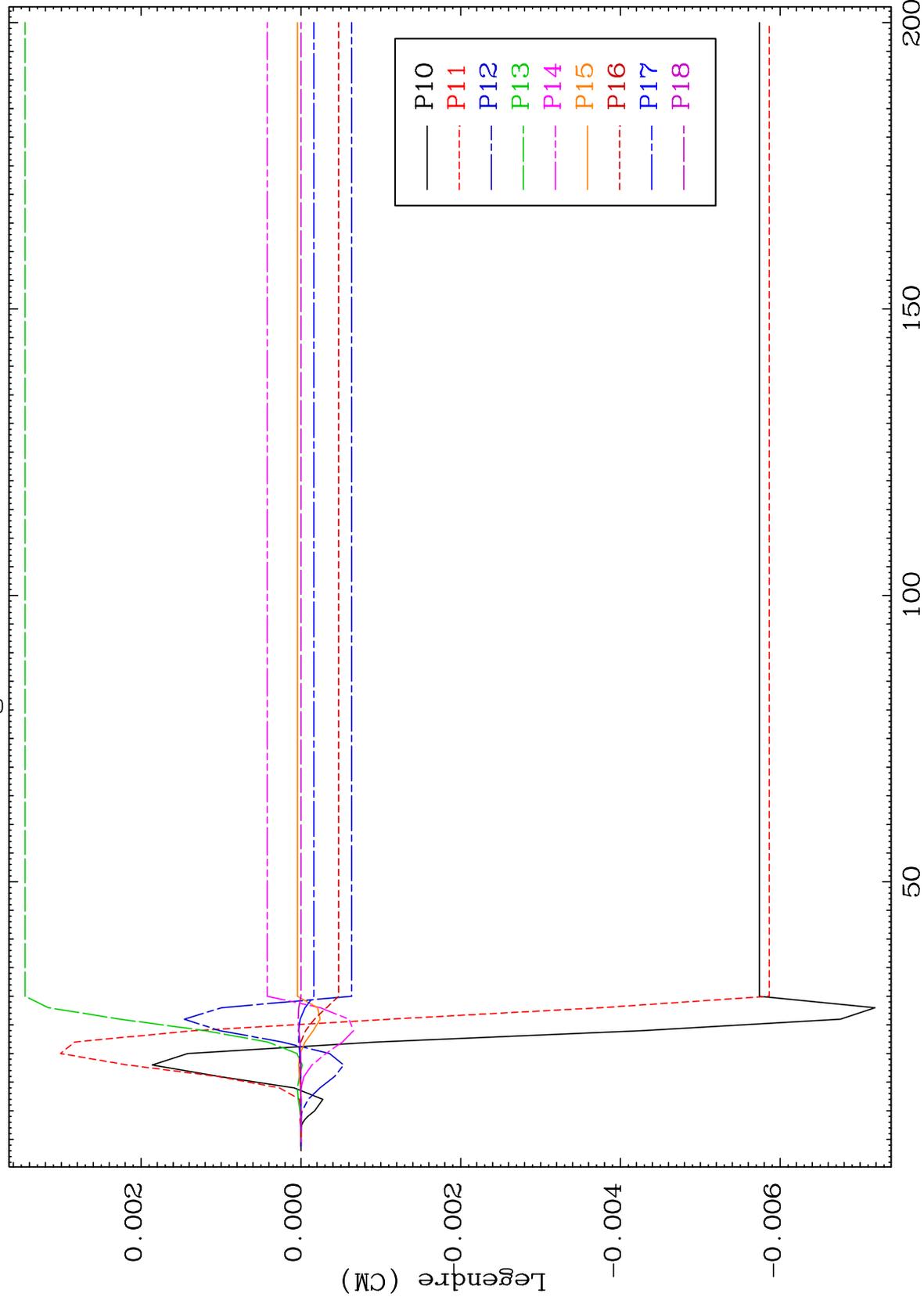
Incident Energy (MeV)

49-In-108

MAT 4910

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

49-In-108



80

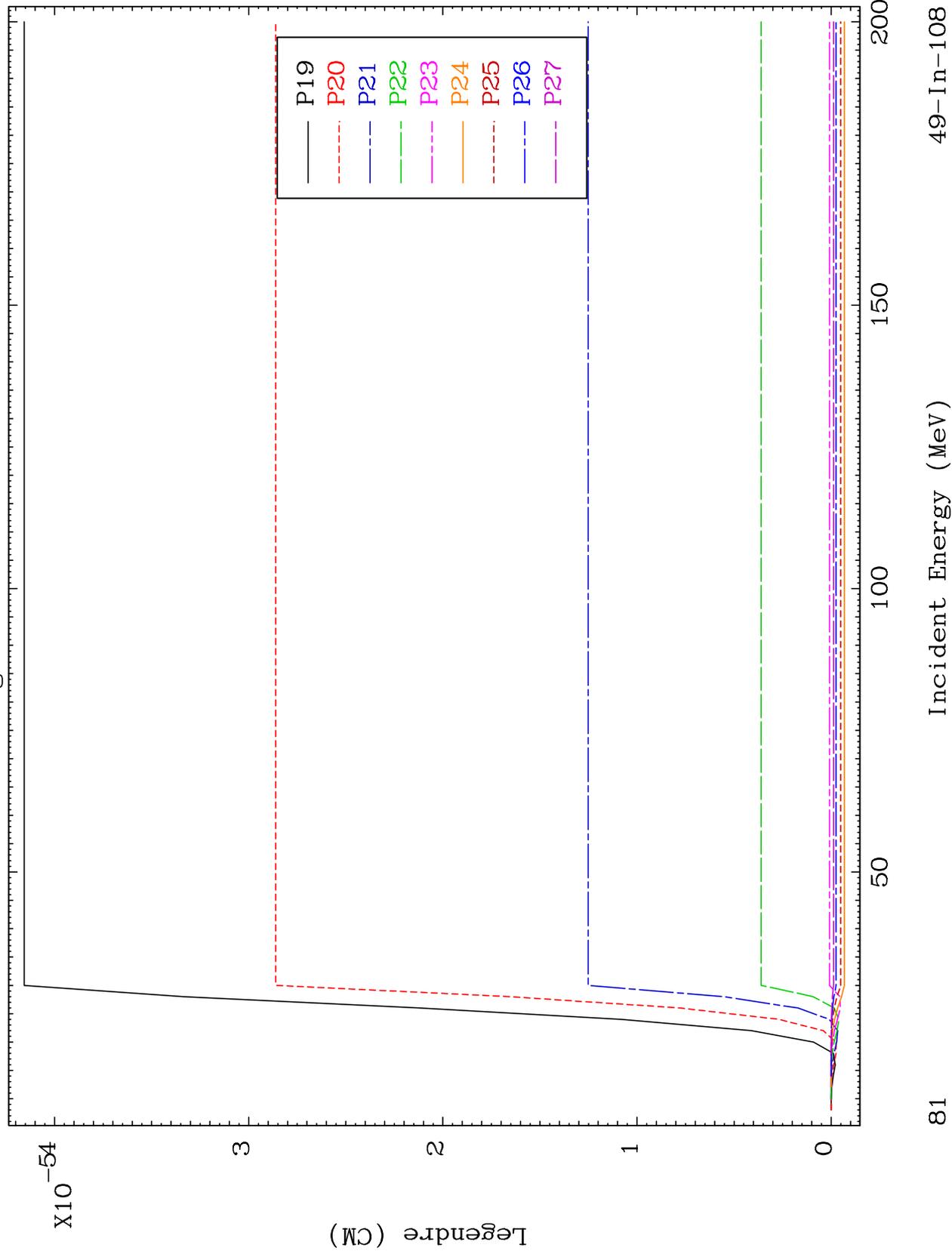
Incident Energy (MeV)

49-In-108

MAT 4910

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

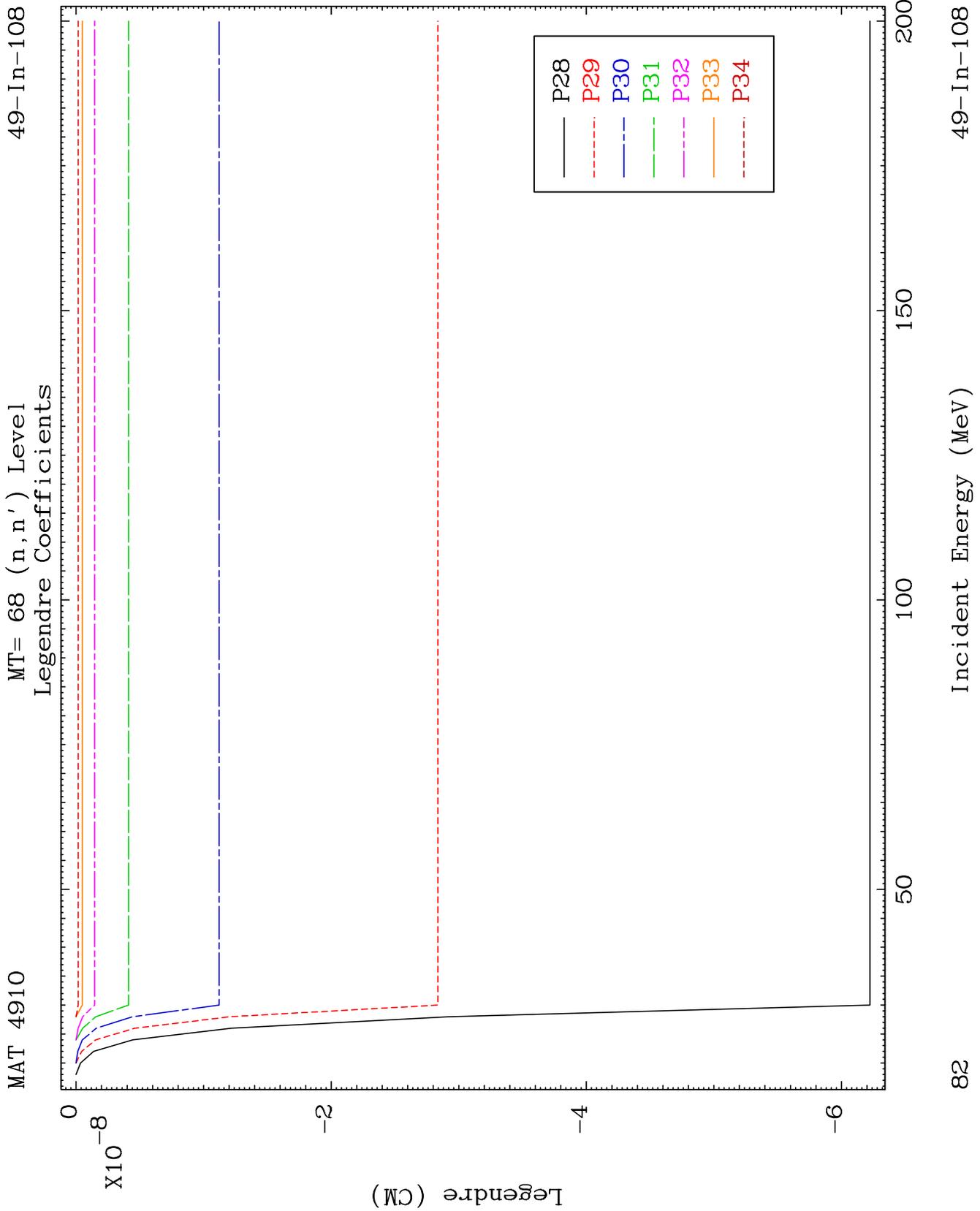
49-In-108



81

Incident Energy (MeV)

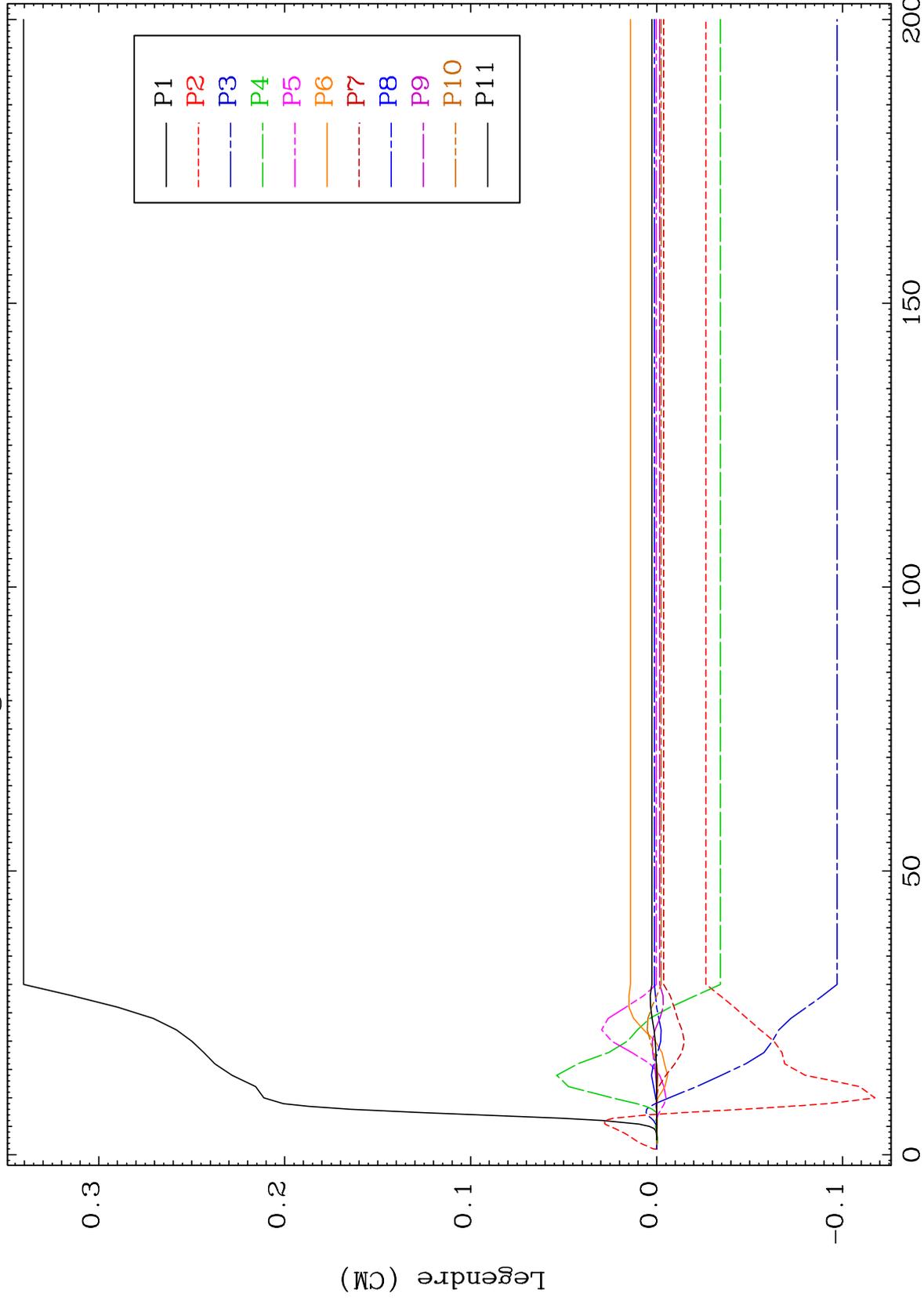
49-In-108



MAT 4910

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

49-In-108



83

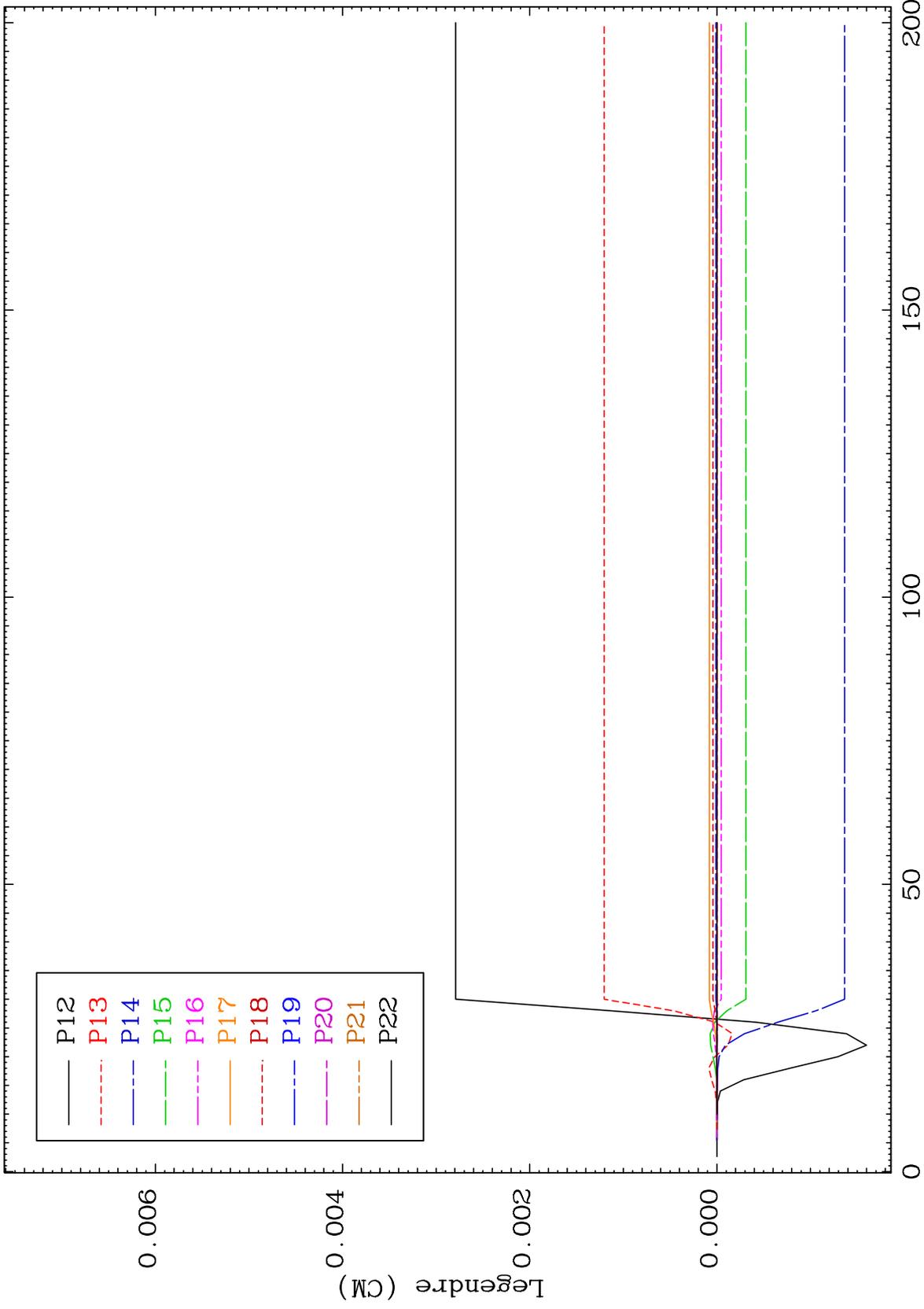
Incident Energy (MeV)

49-In-108

MAT 4910

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

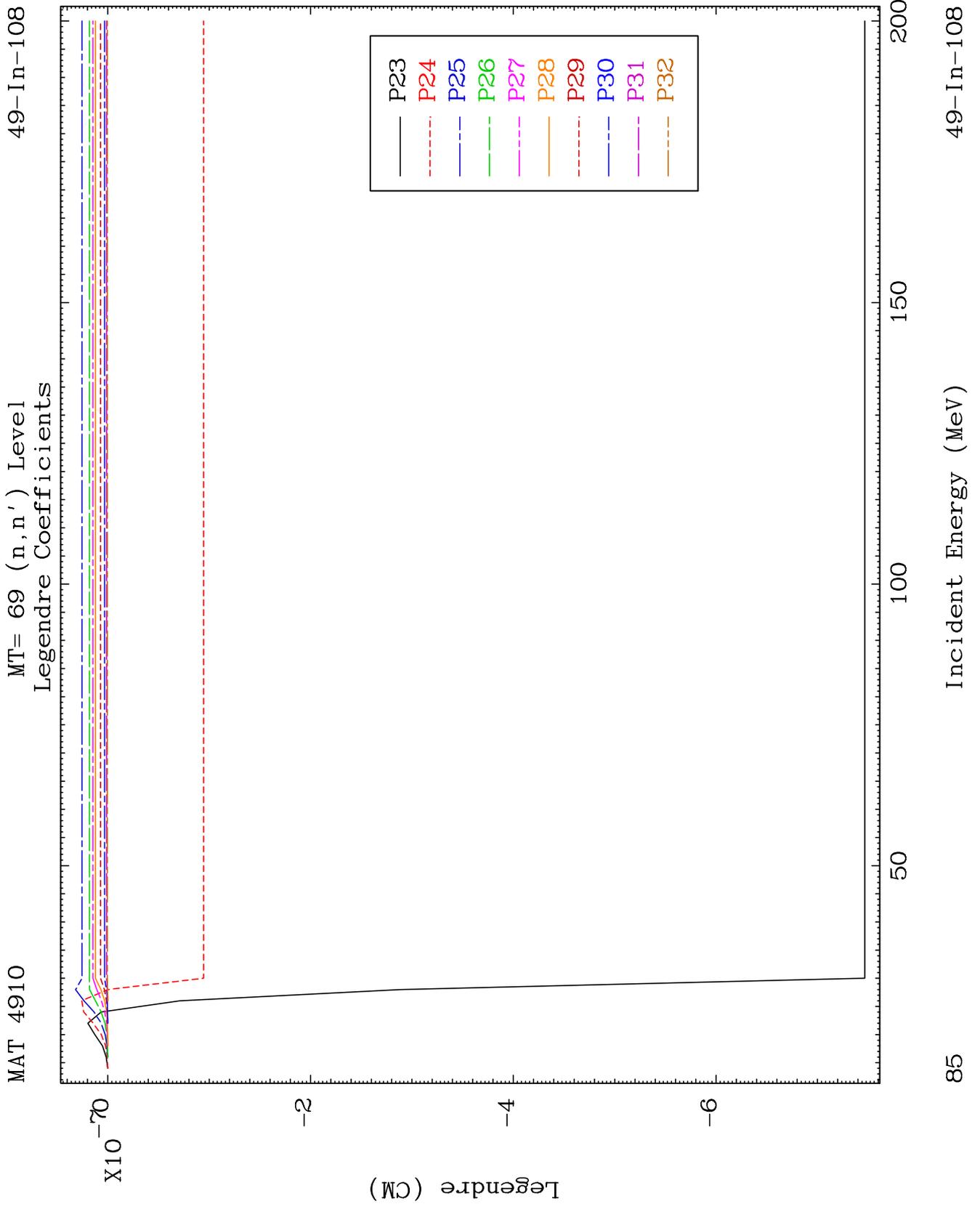
49-In-108



84

Incident Energy (MeV)

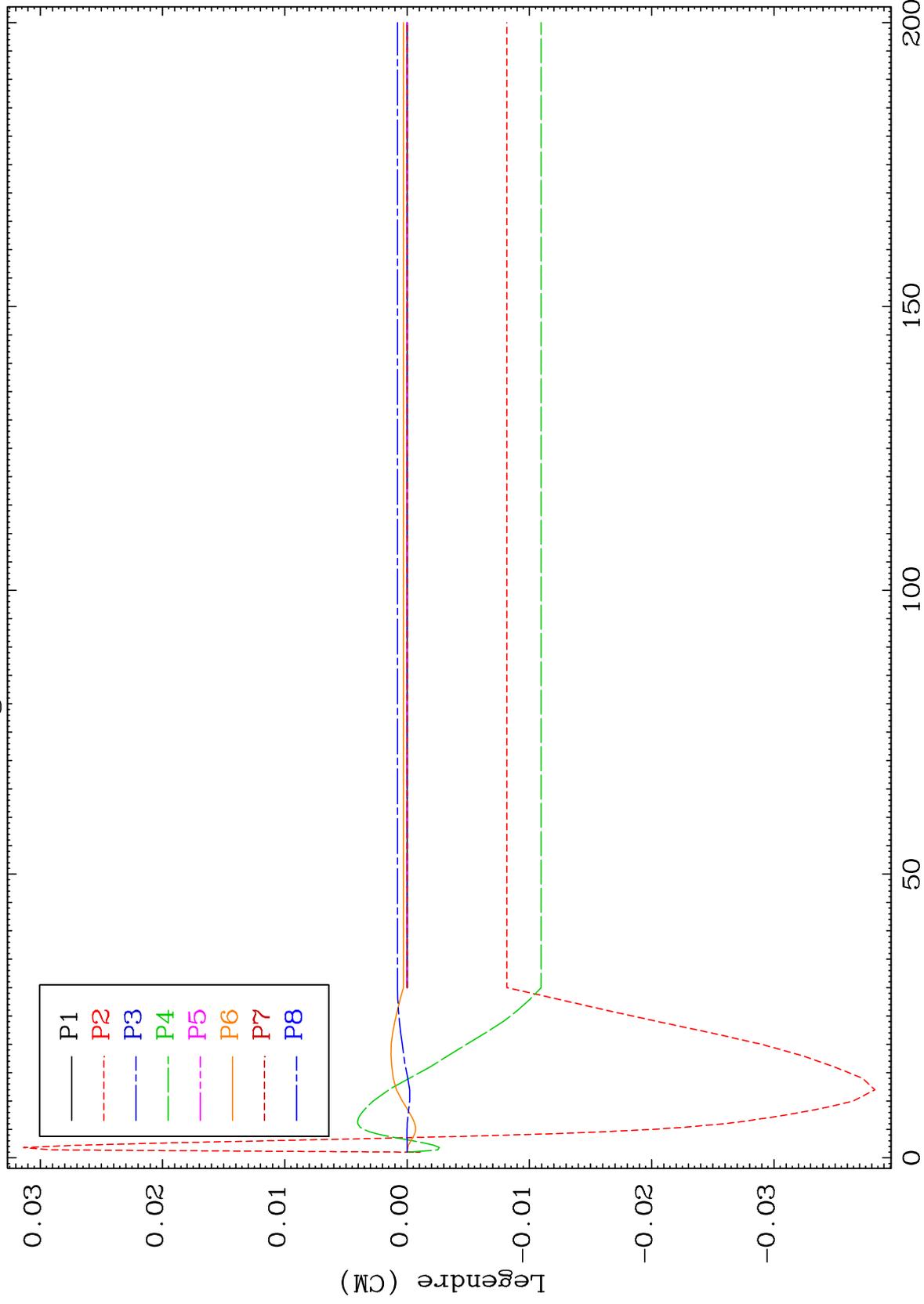
49-In-108



MAT 4910

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

49-In-108



86

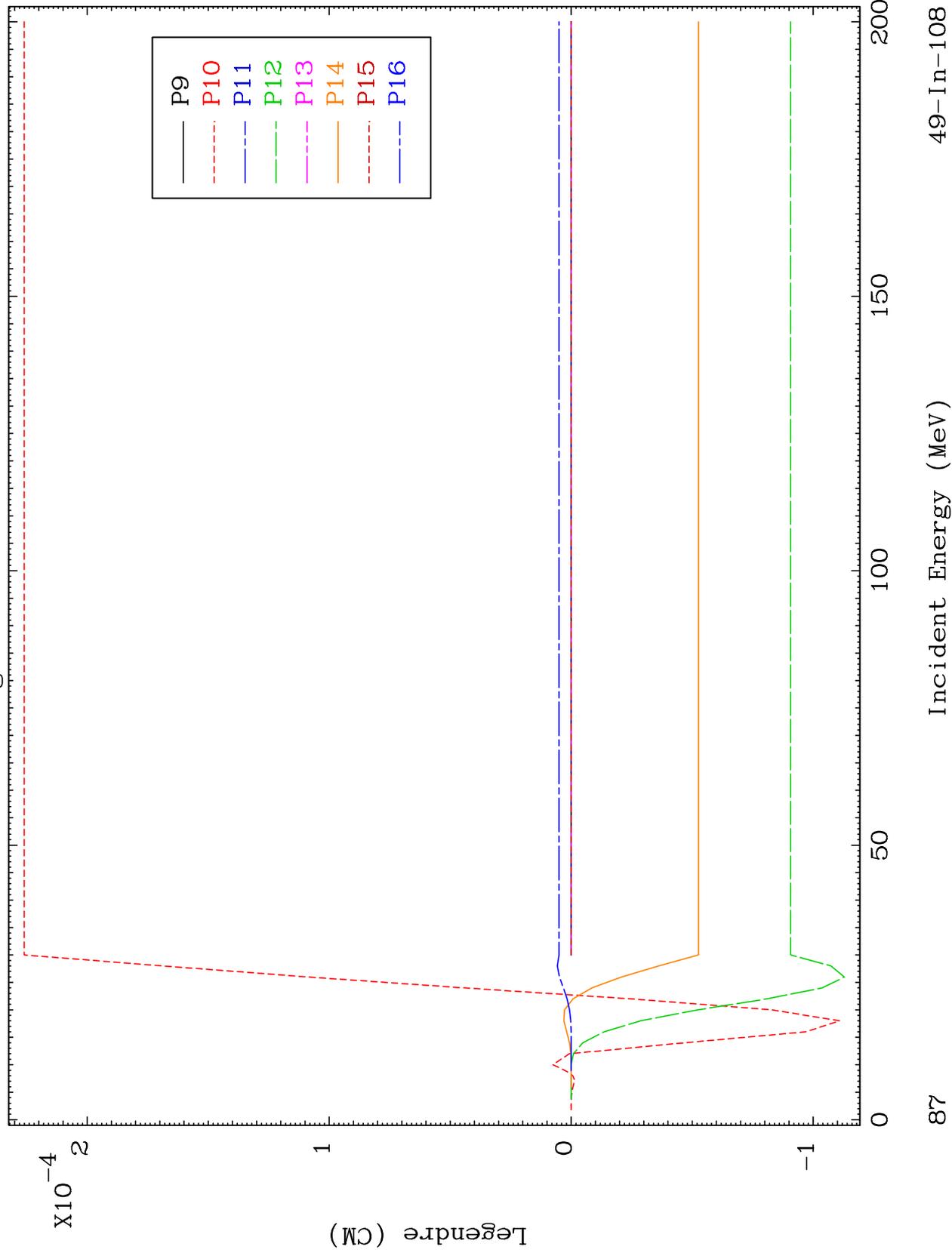
Incident Energy (MeV)

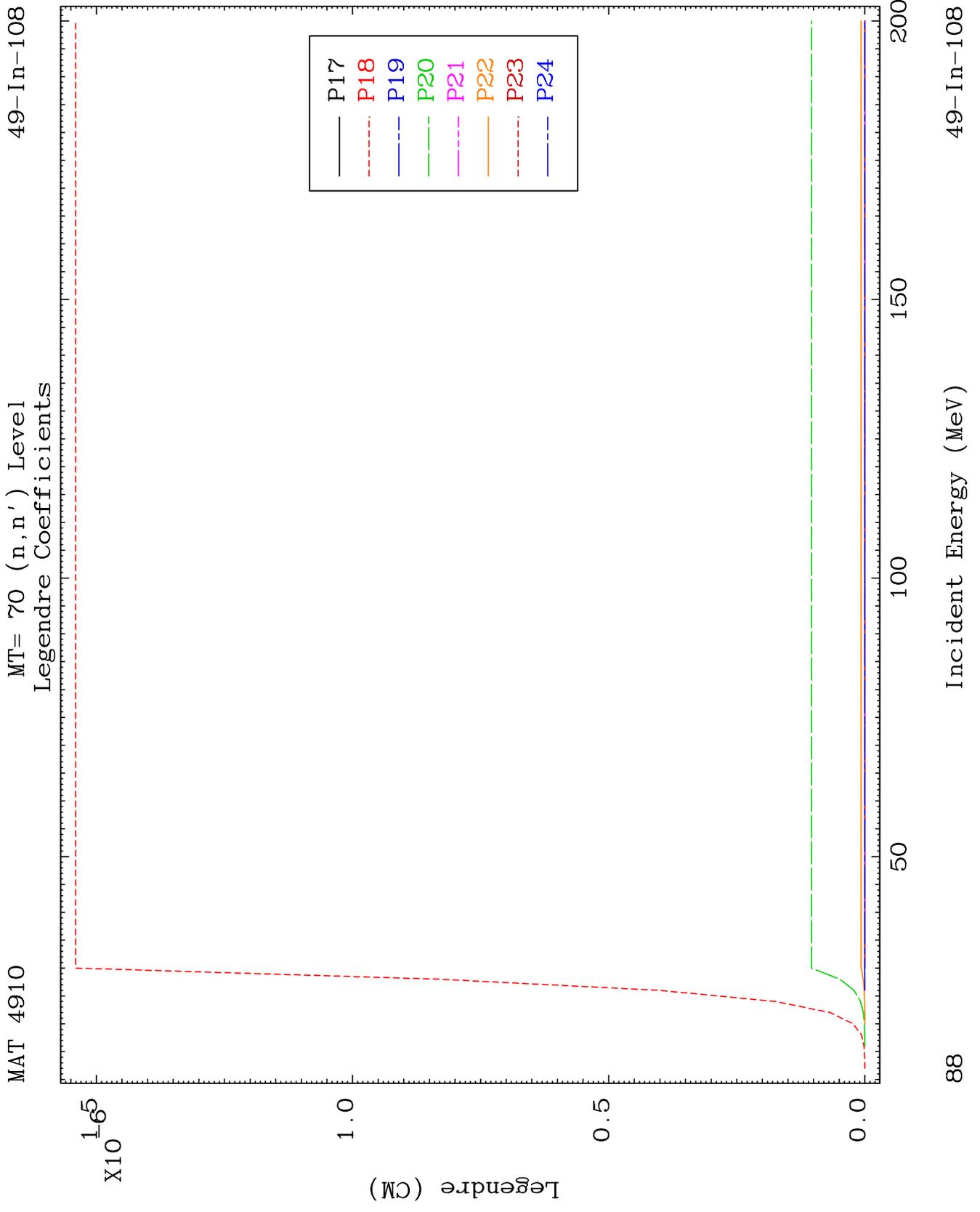
49-In-108

MAT 4910

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

49-In-108

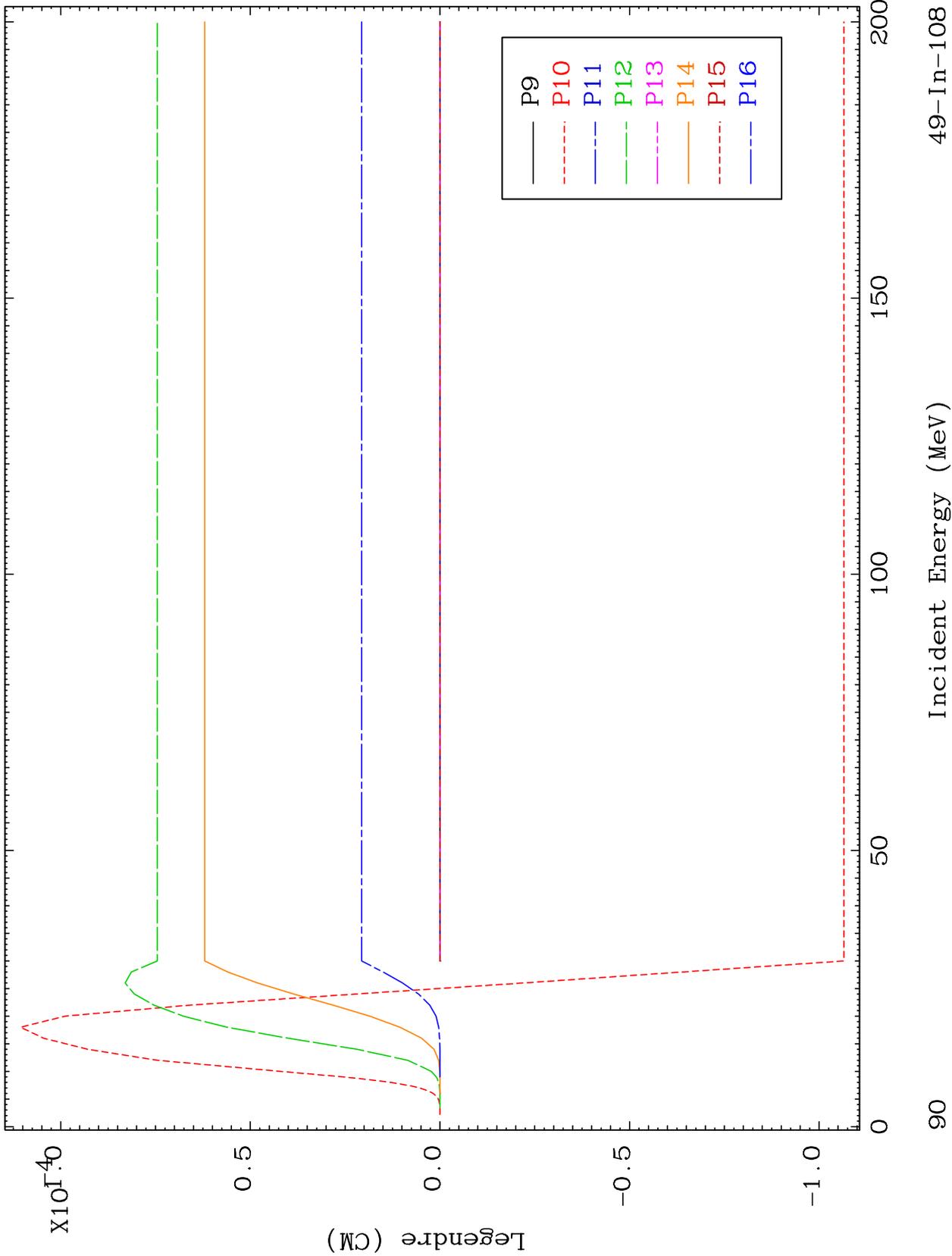




MAT 4910

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

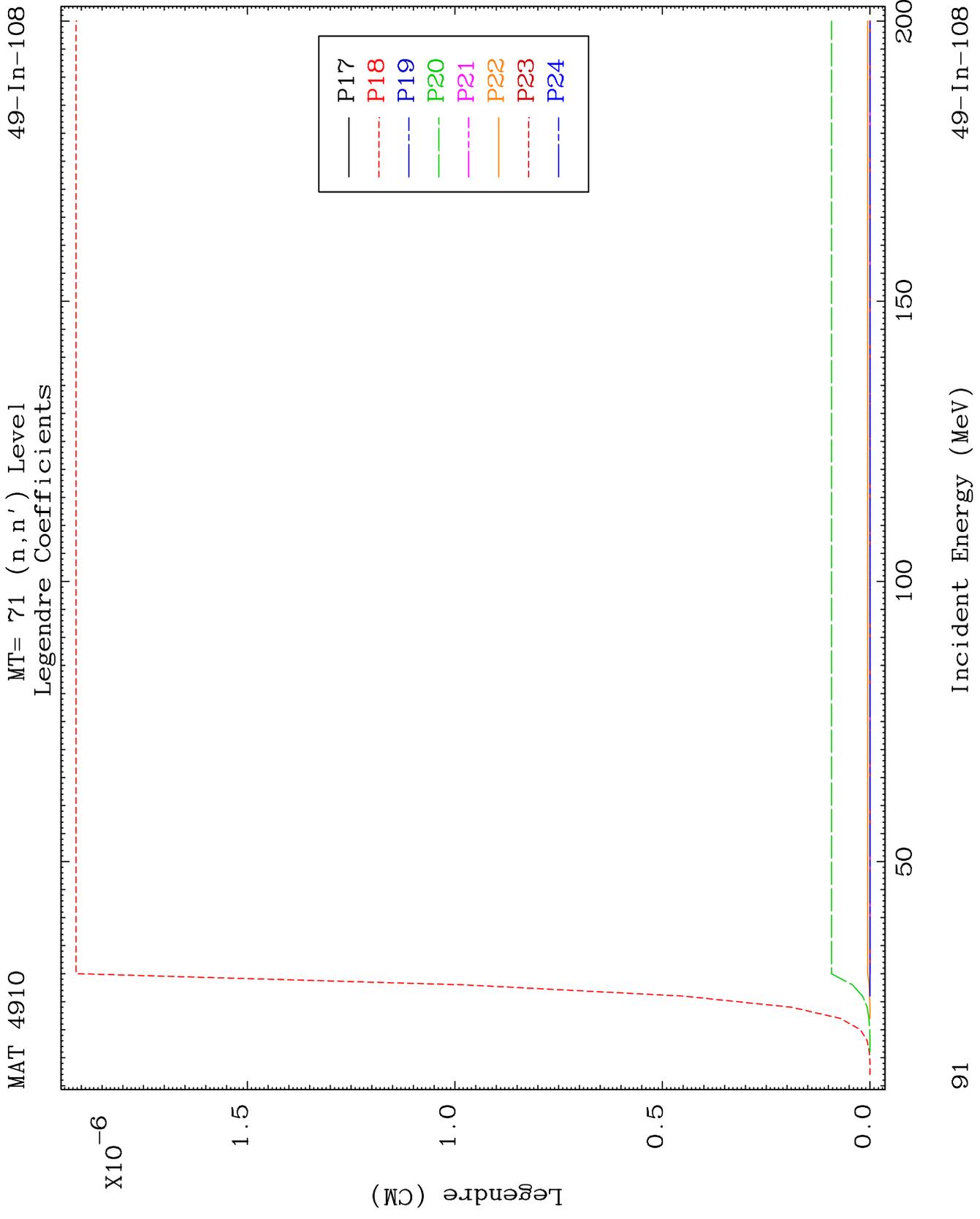
49-In-108



90

Incident Energy (MeV)

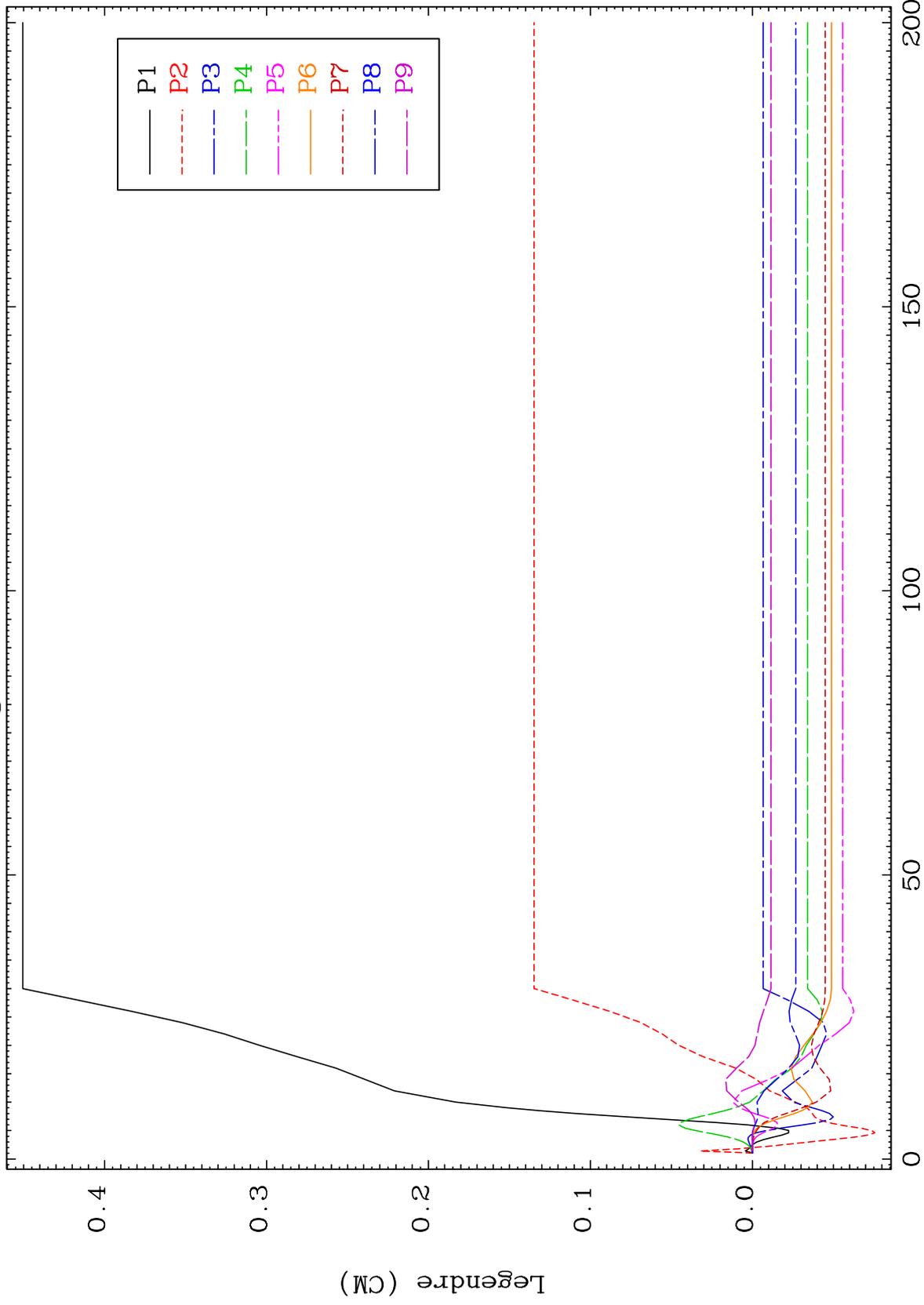
49-In-108



MAT 4910

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

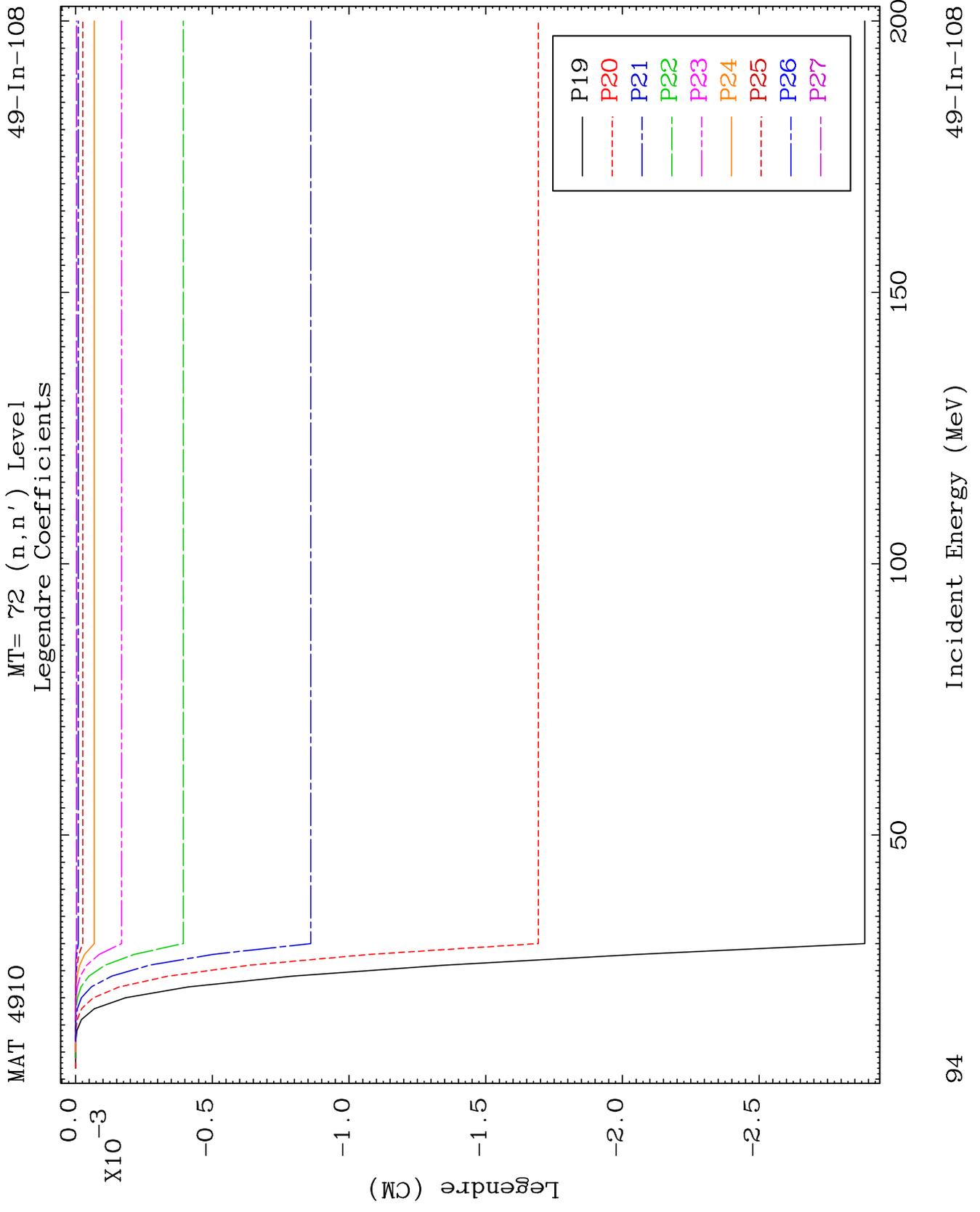
49-In-108

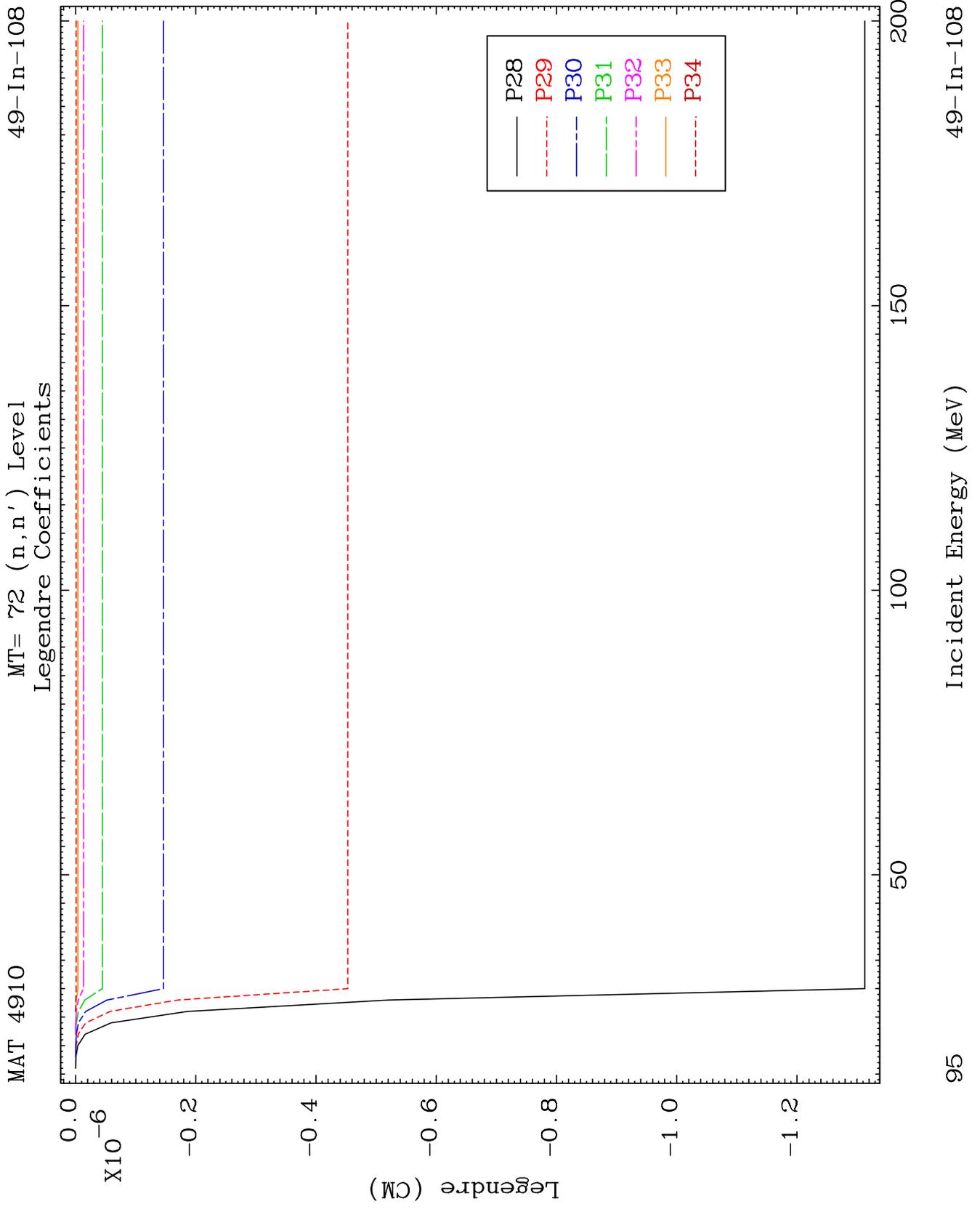


92

Incident Energy (MeV)

49-In-108

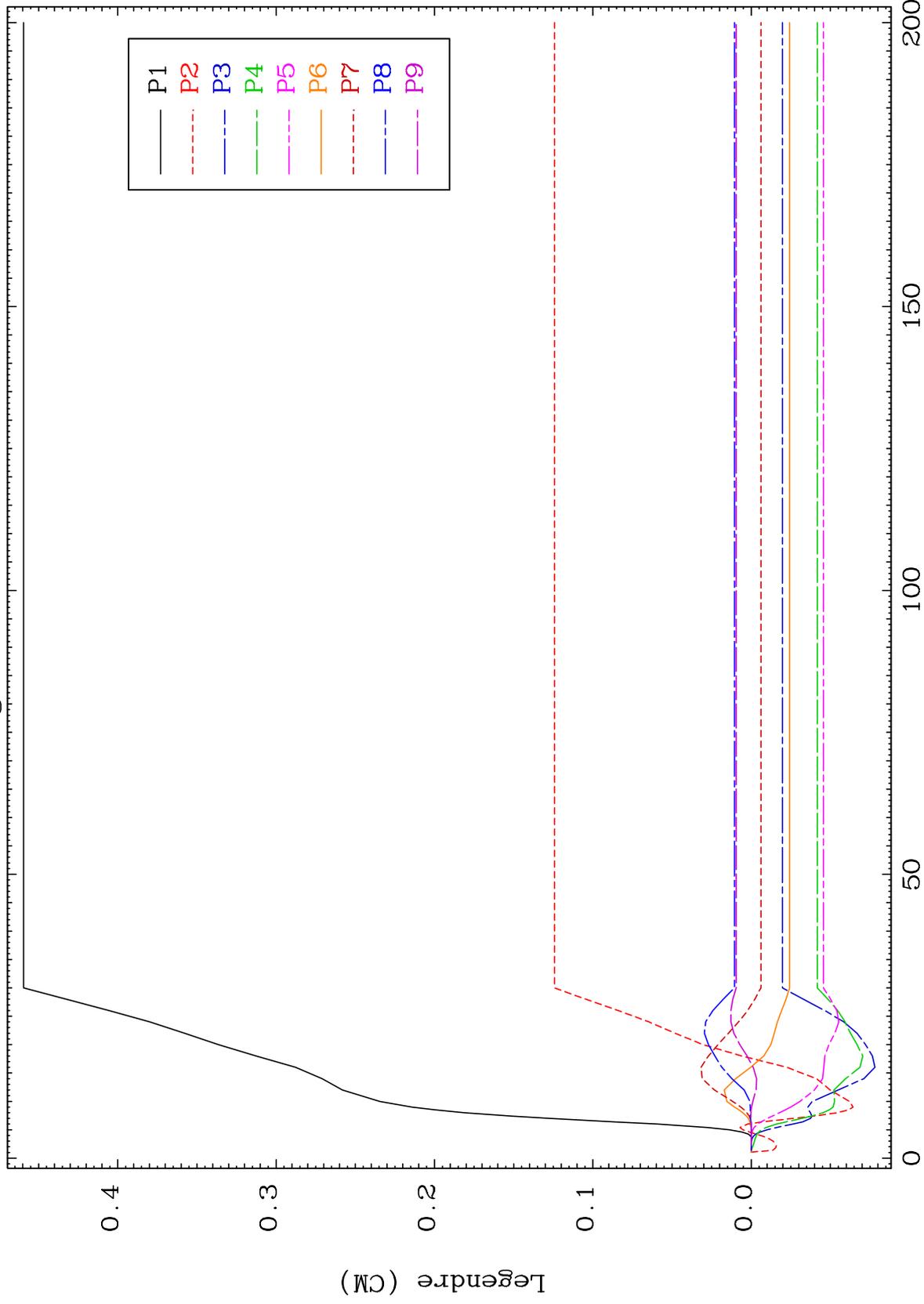




MAT 4910

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

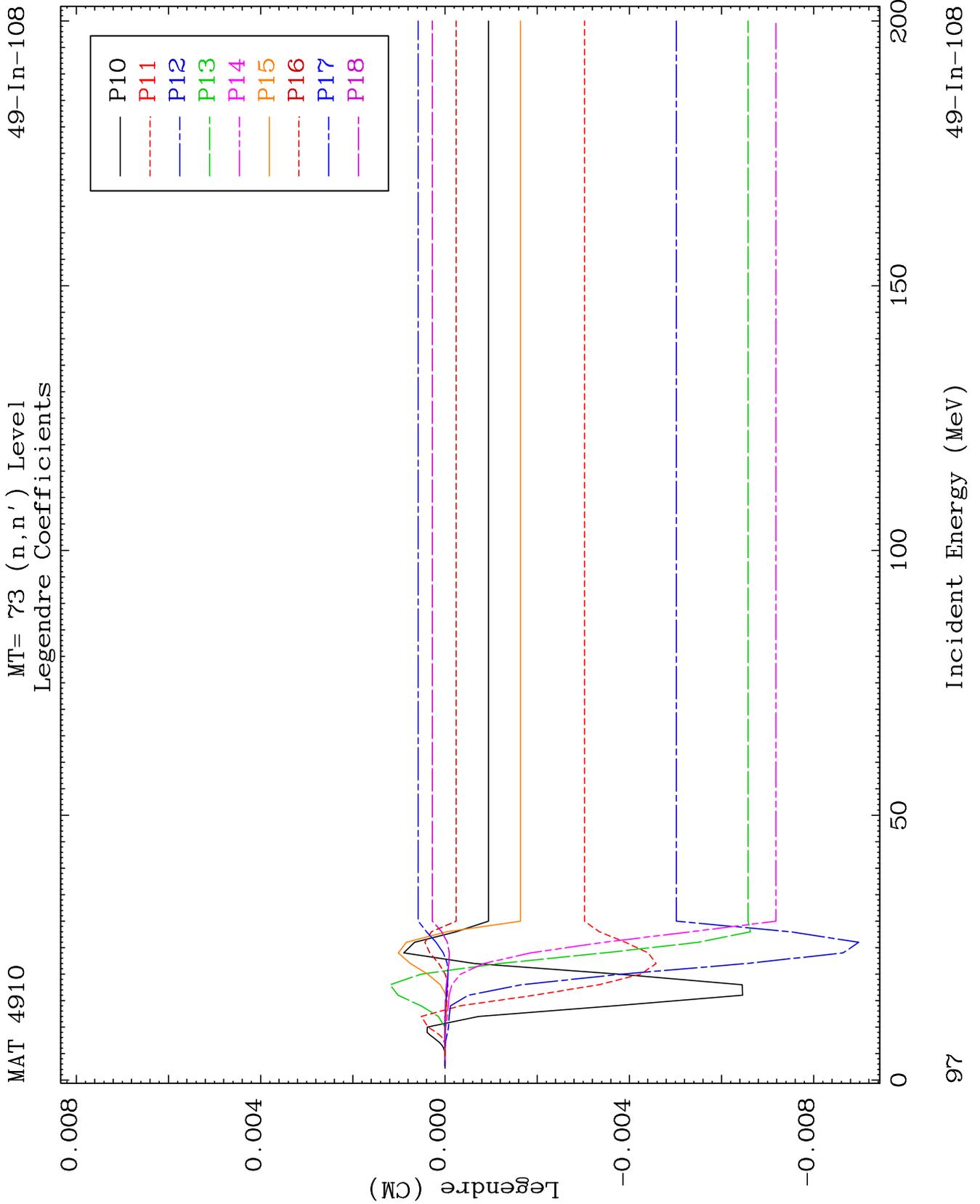
49-In-108



96

Incident Energy (MeV)

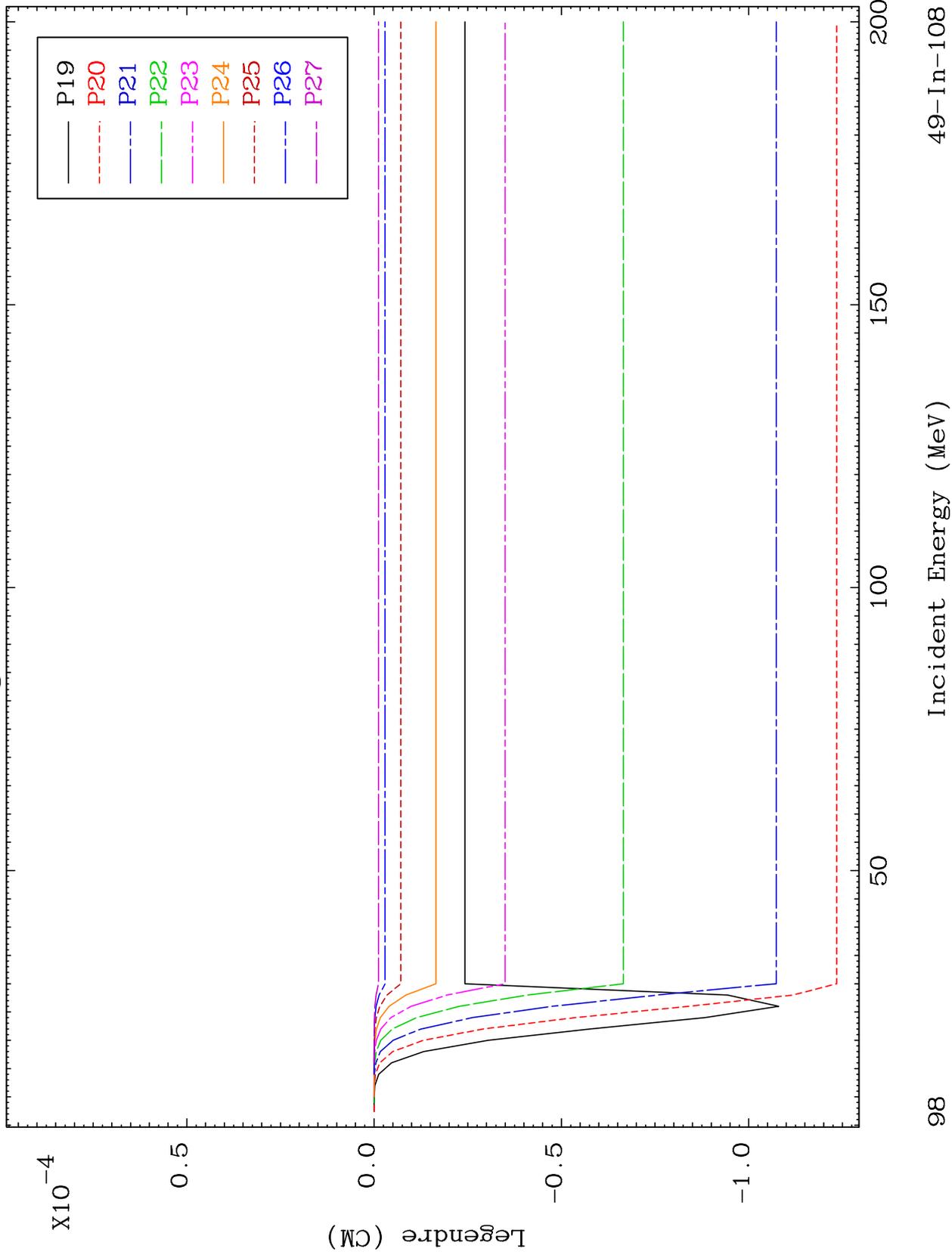
49-In-108



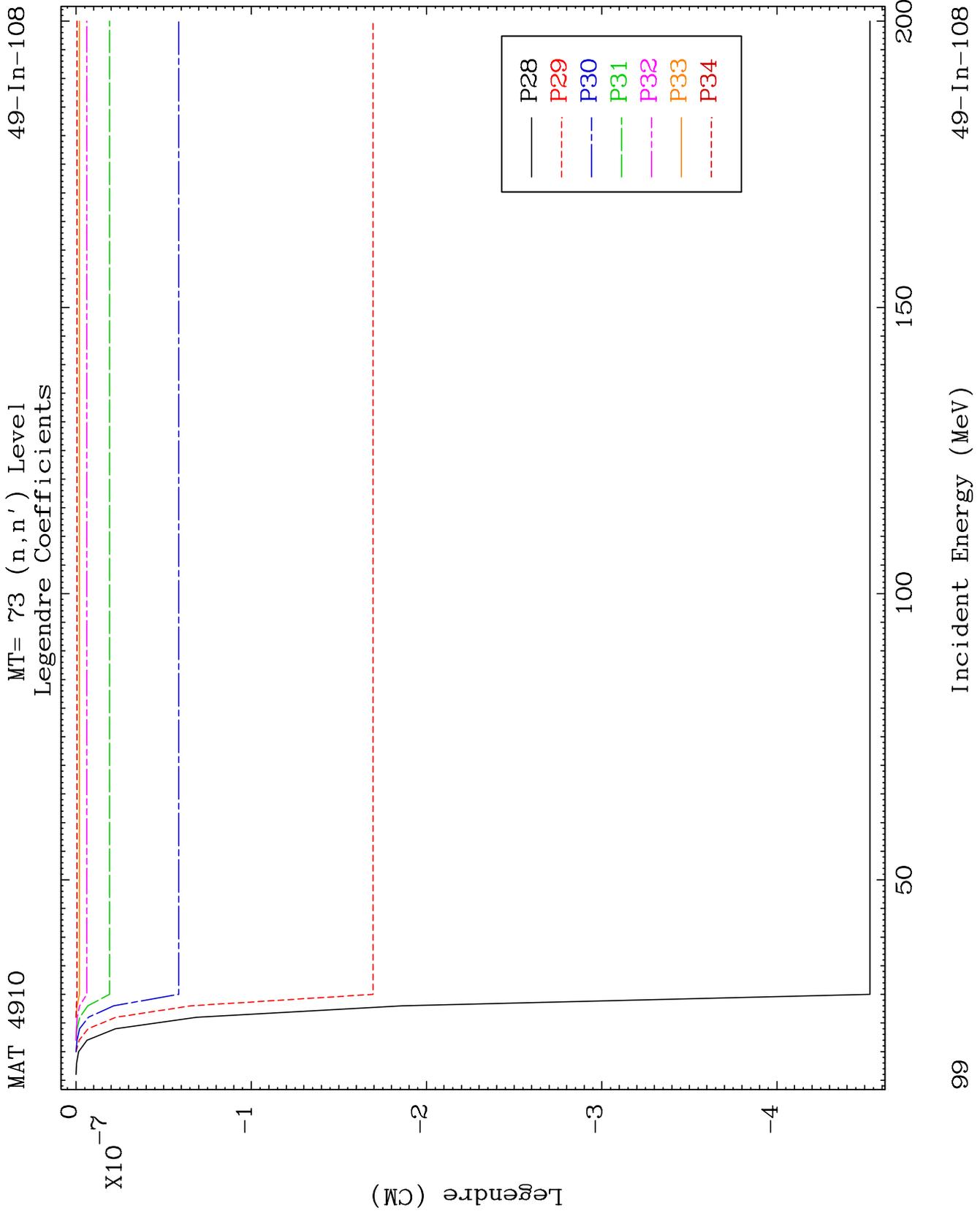
MAT 4910

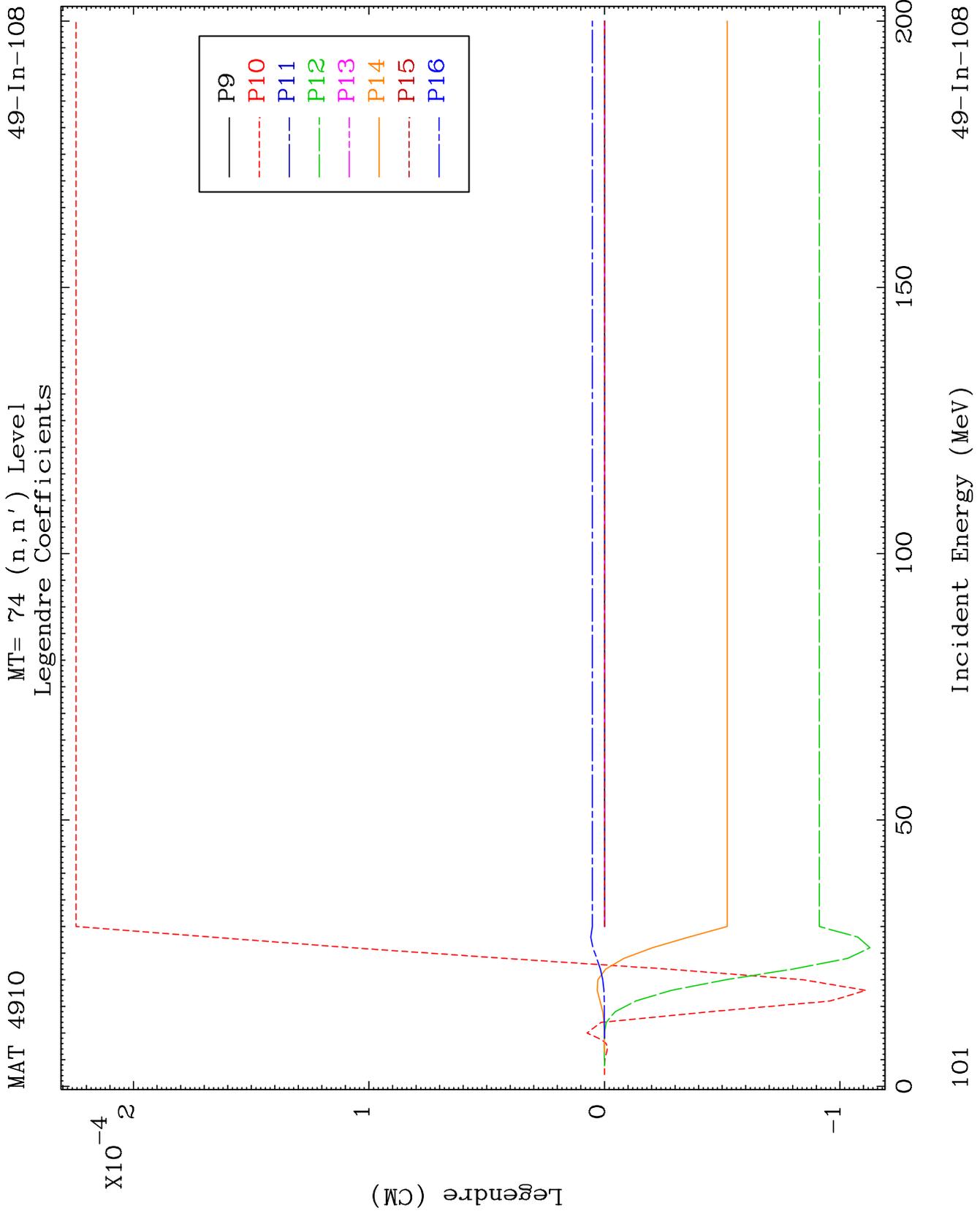
MT= 73 (n,n') Level
Legendre Coefficients

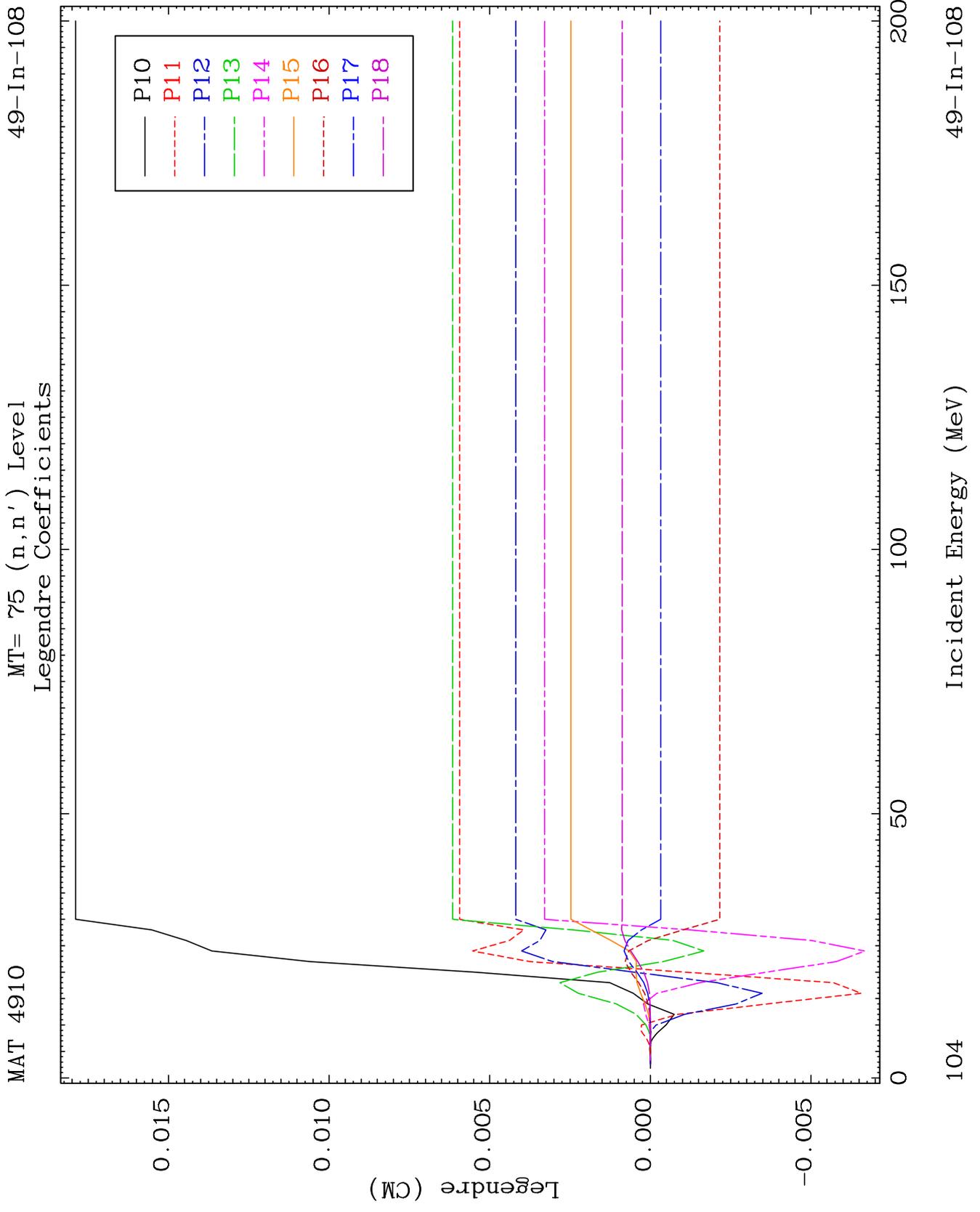
49-In-108



98



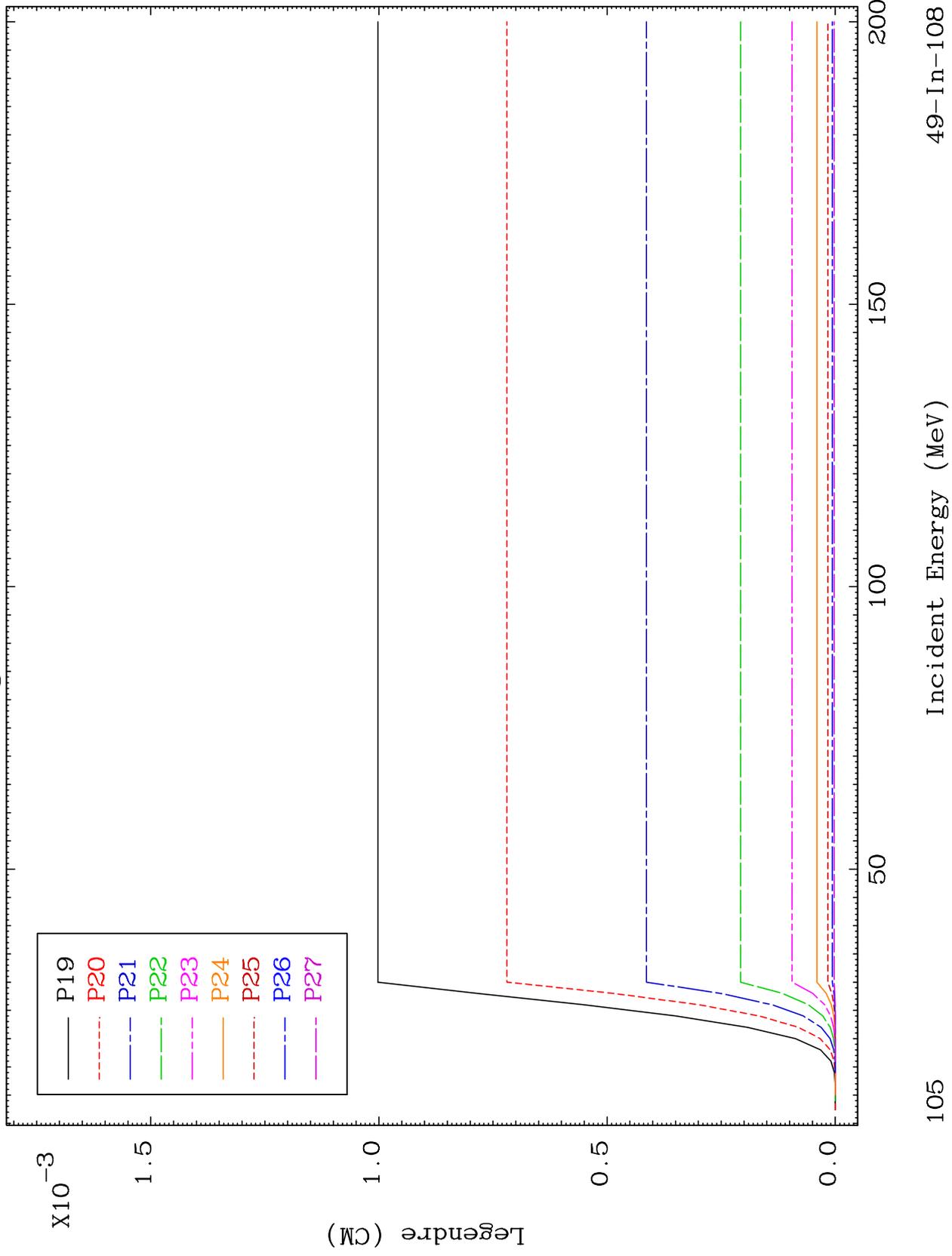




MAT 4910

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

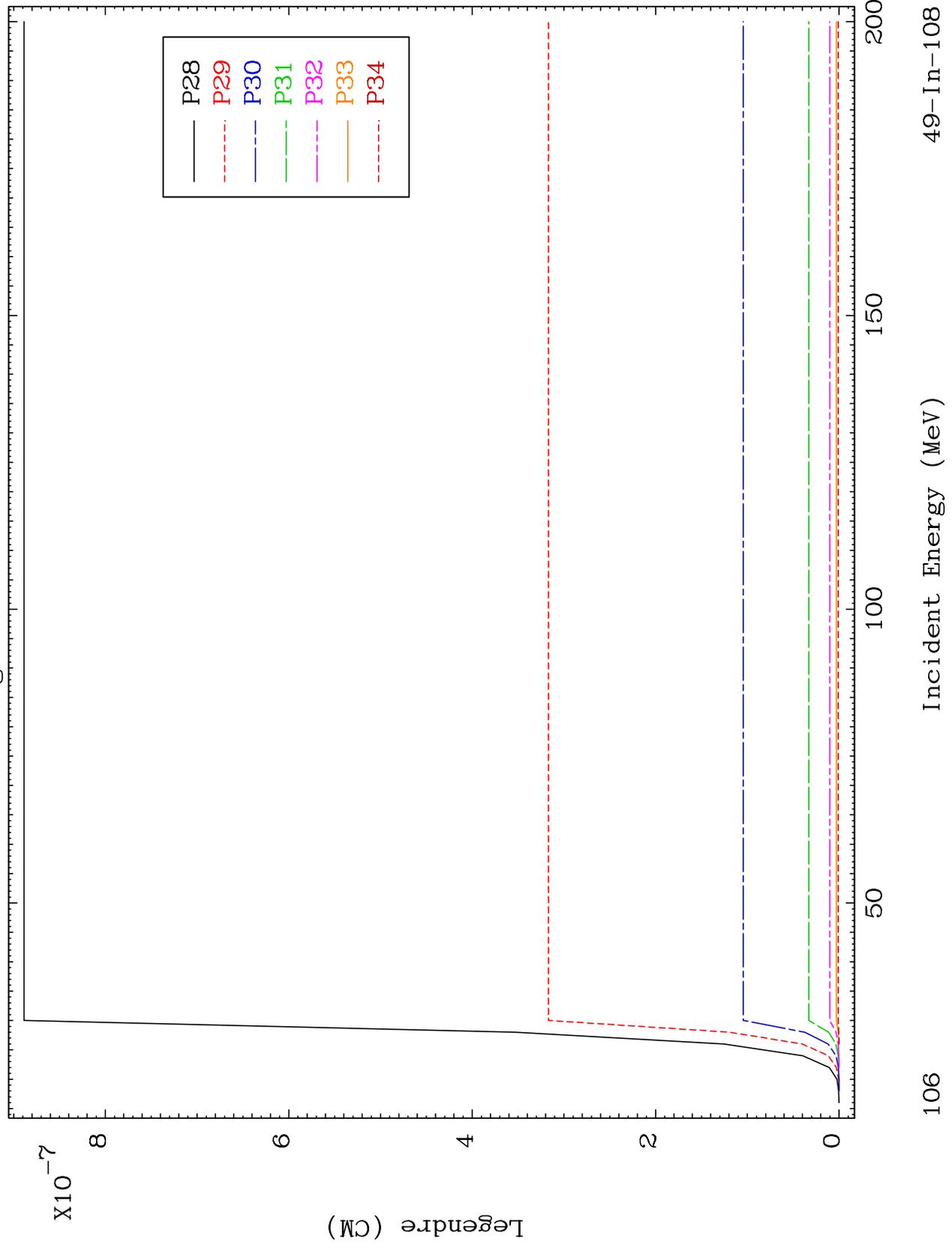
49-In-108



MAT 4910

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

49-In-108



106

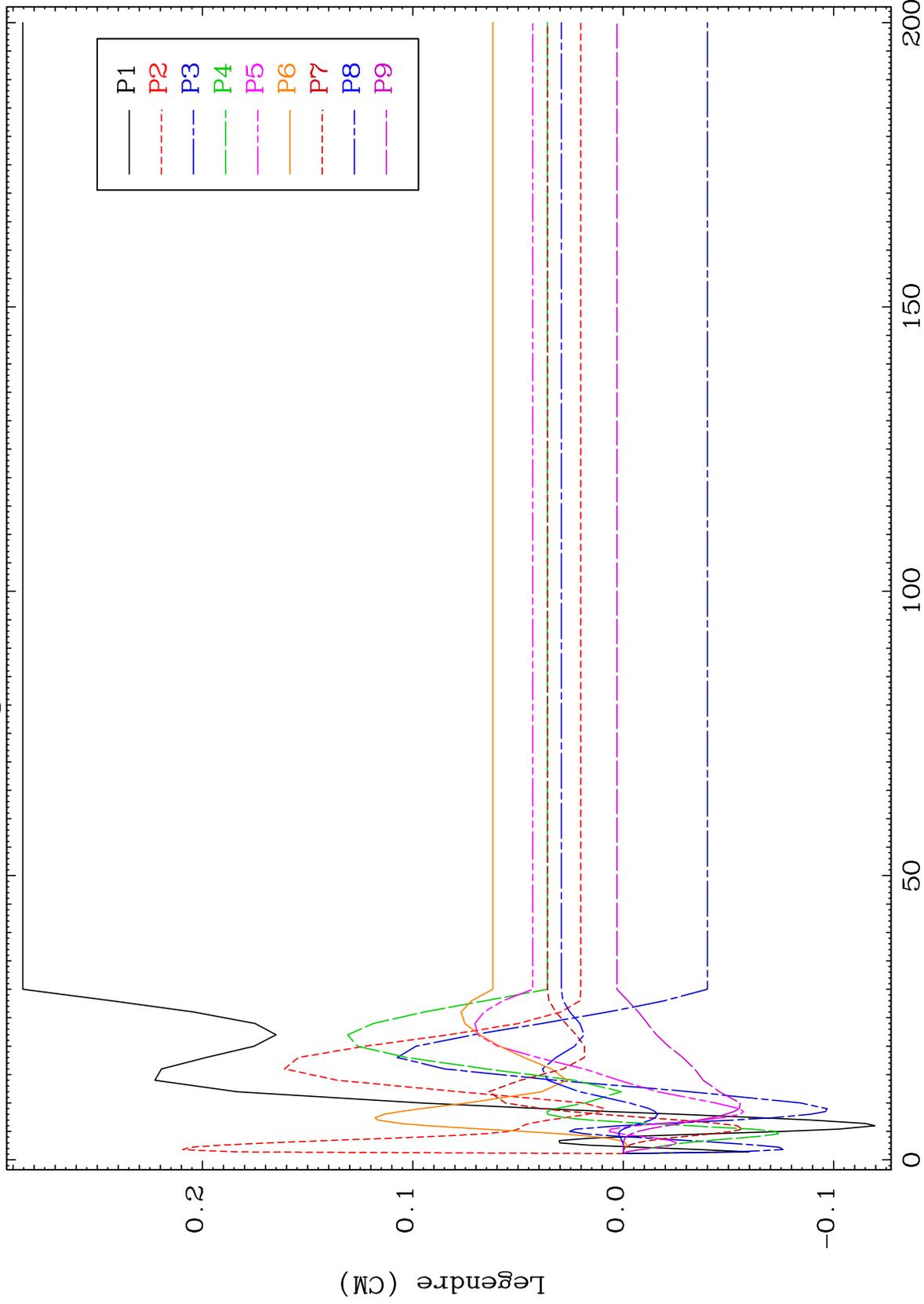
Incident Energy (MeV)

49-In-108

MAT 4910

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

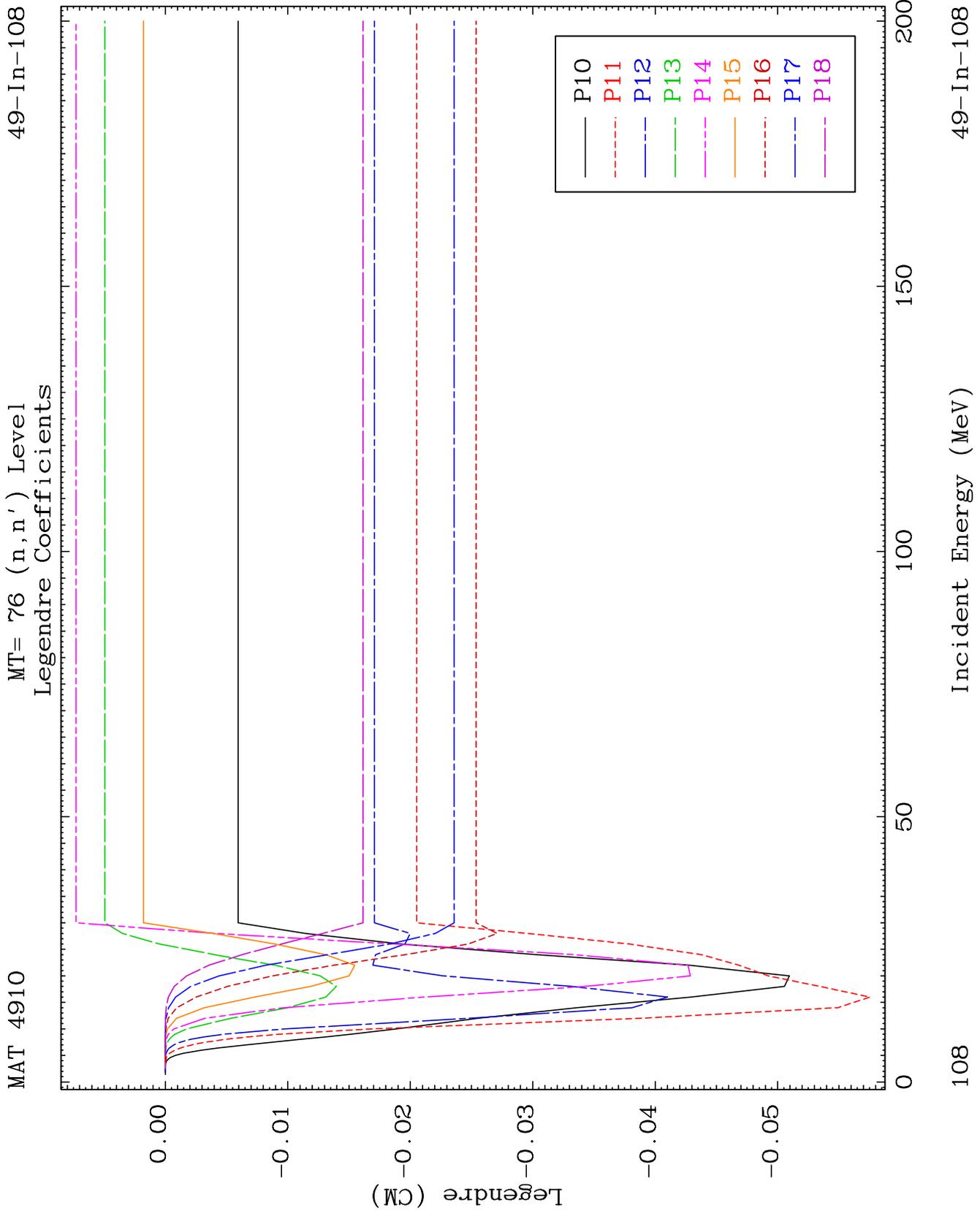
49-In-108

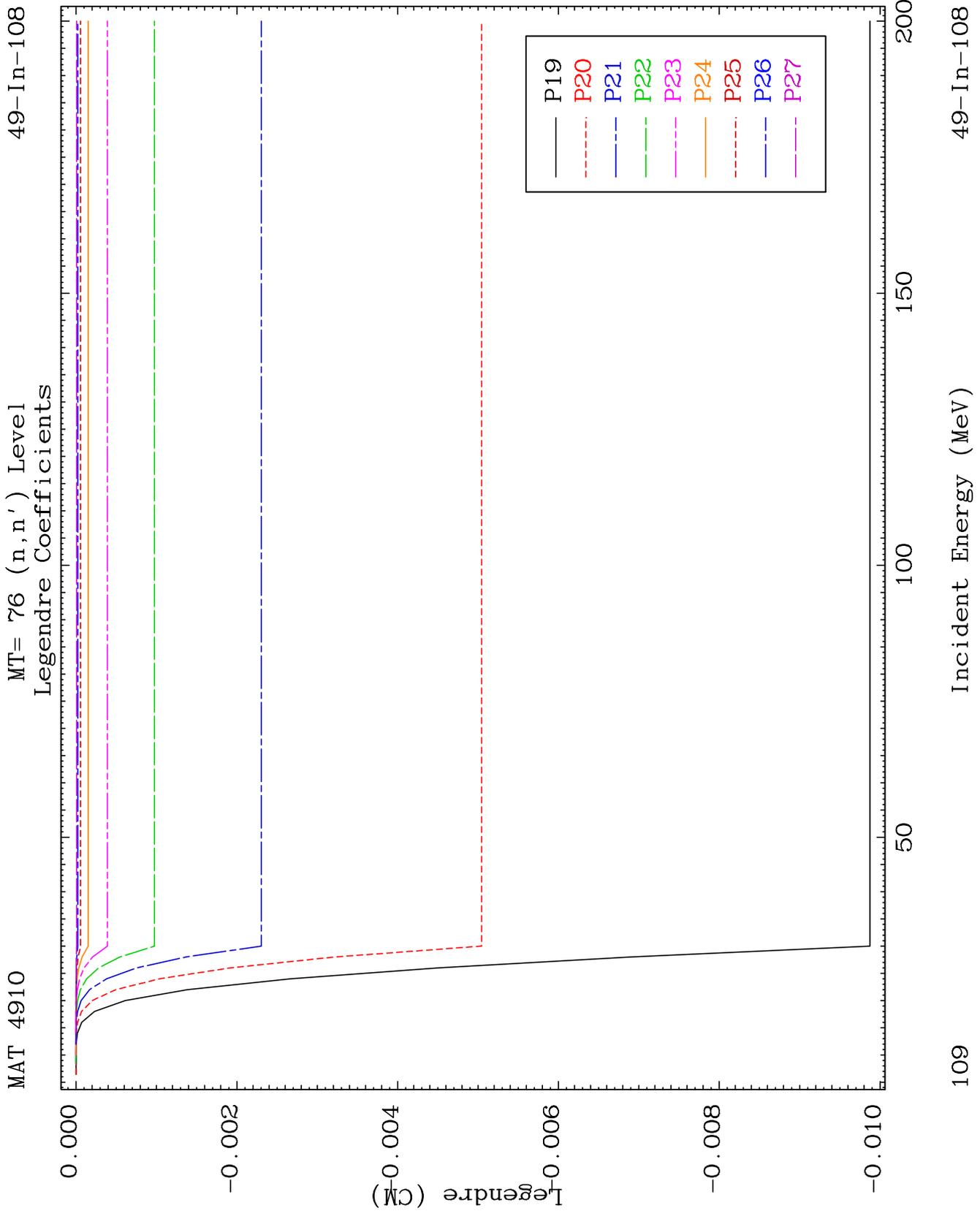


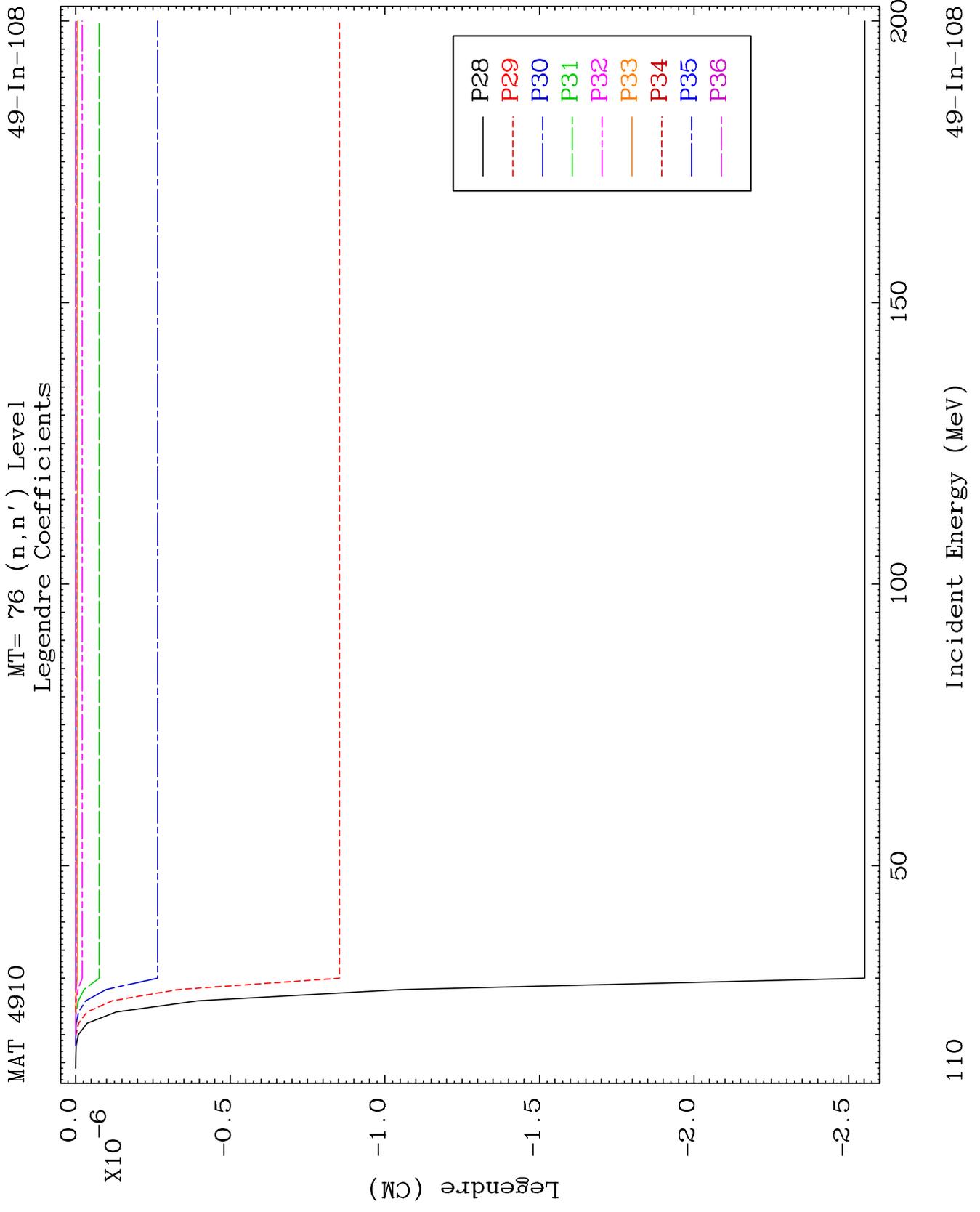
49-In-108

Incident Energy (MeV)

107



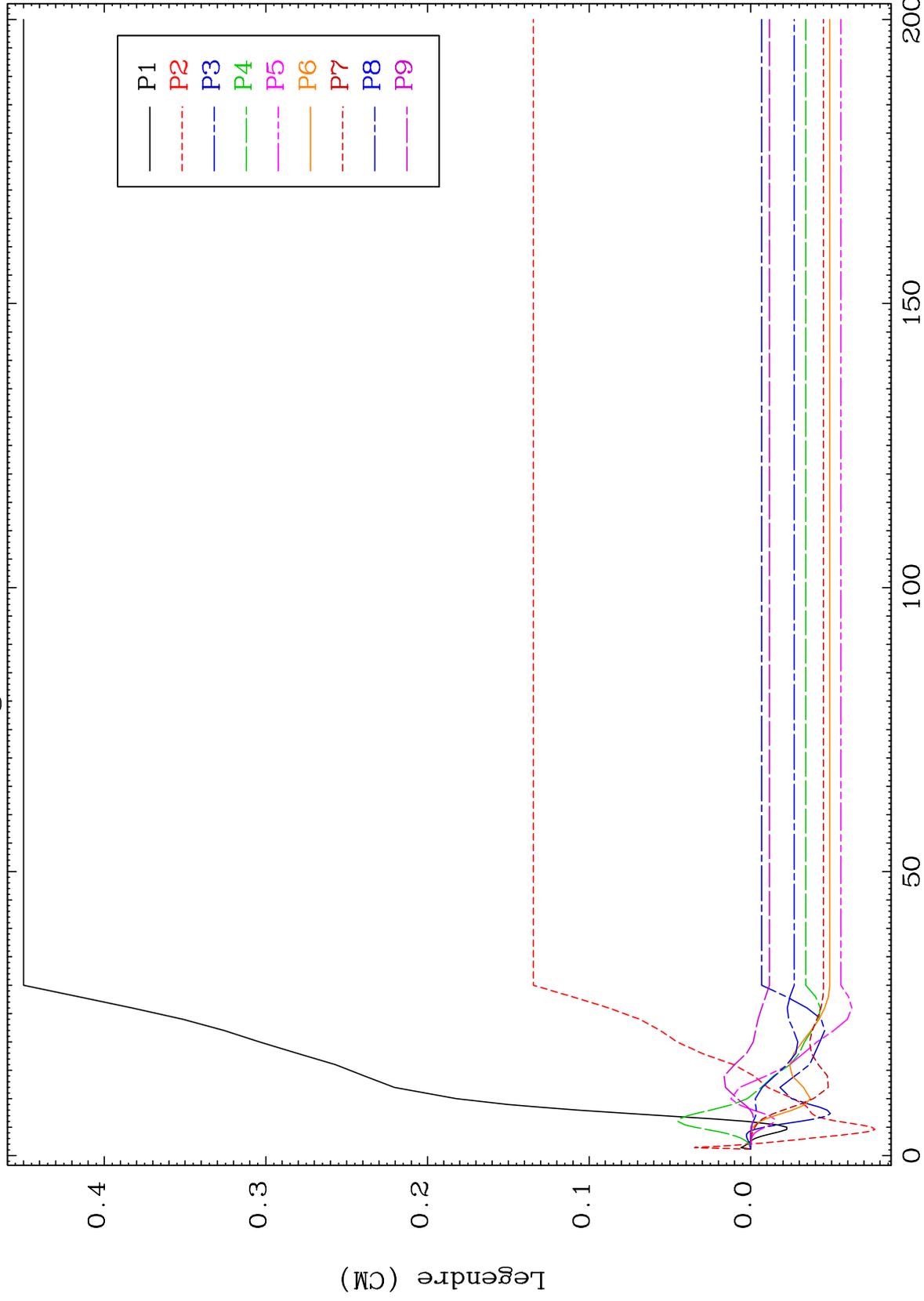




MAT 4910

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

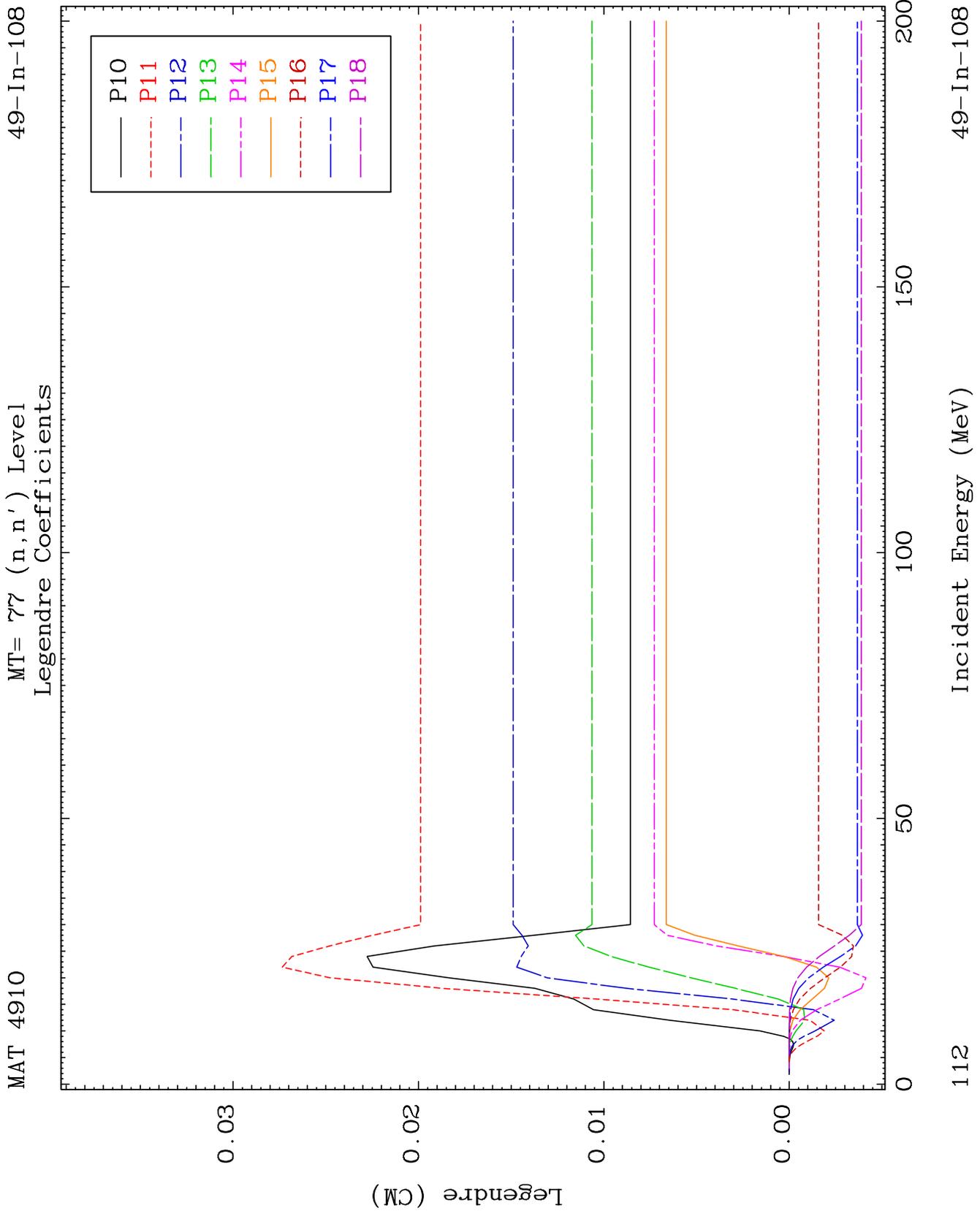
49-In-108

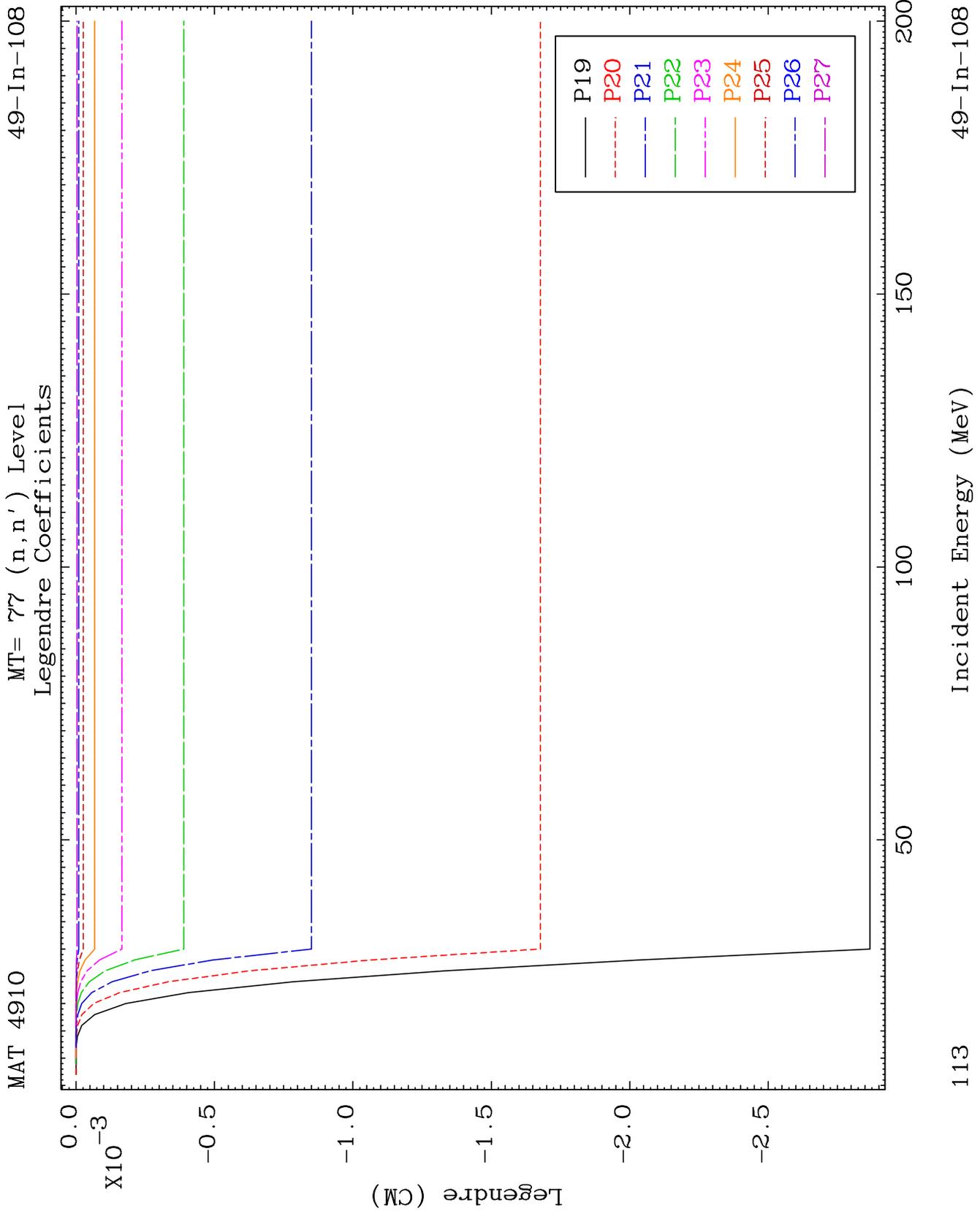


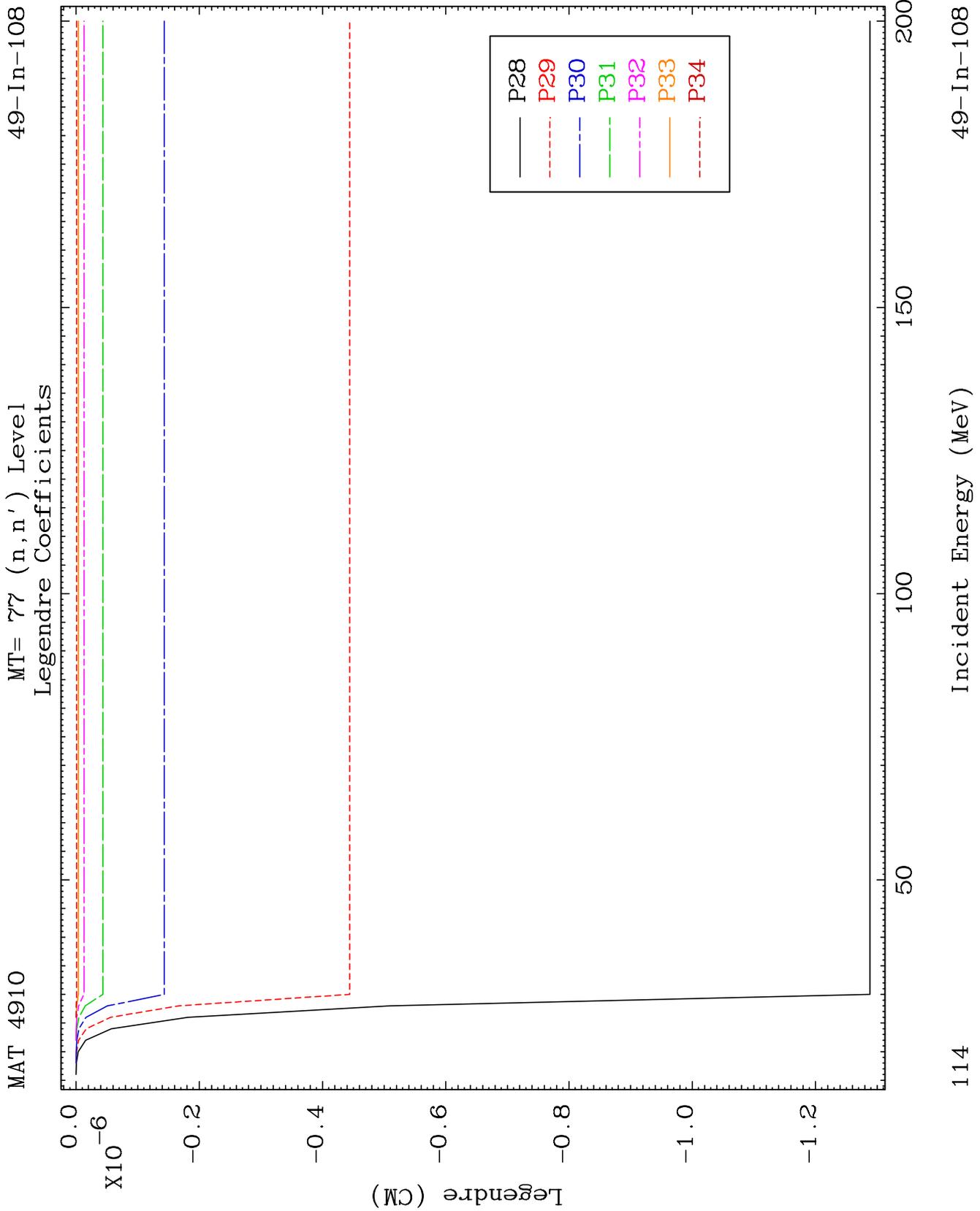
111

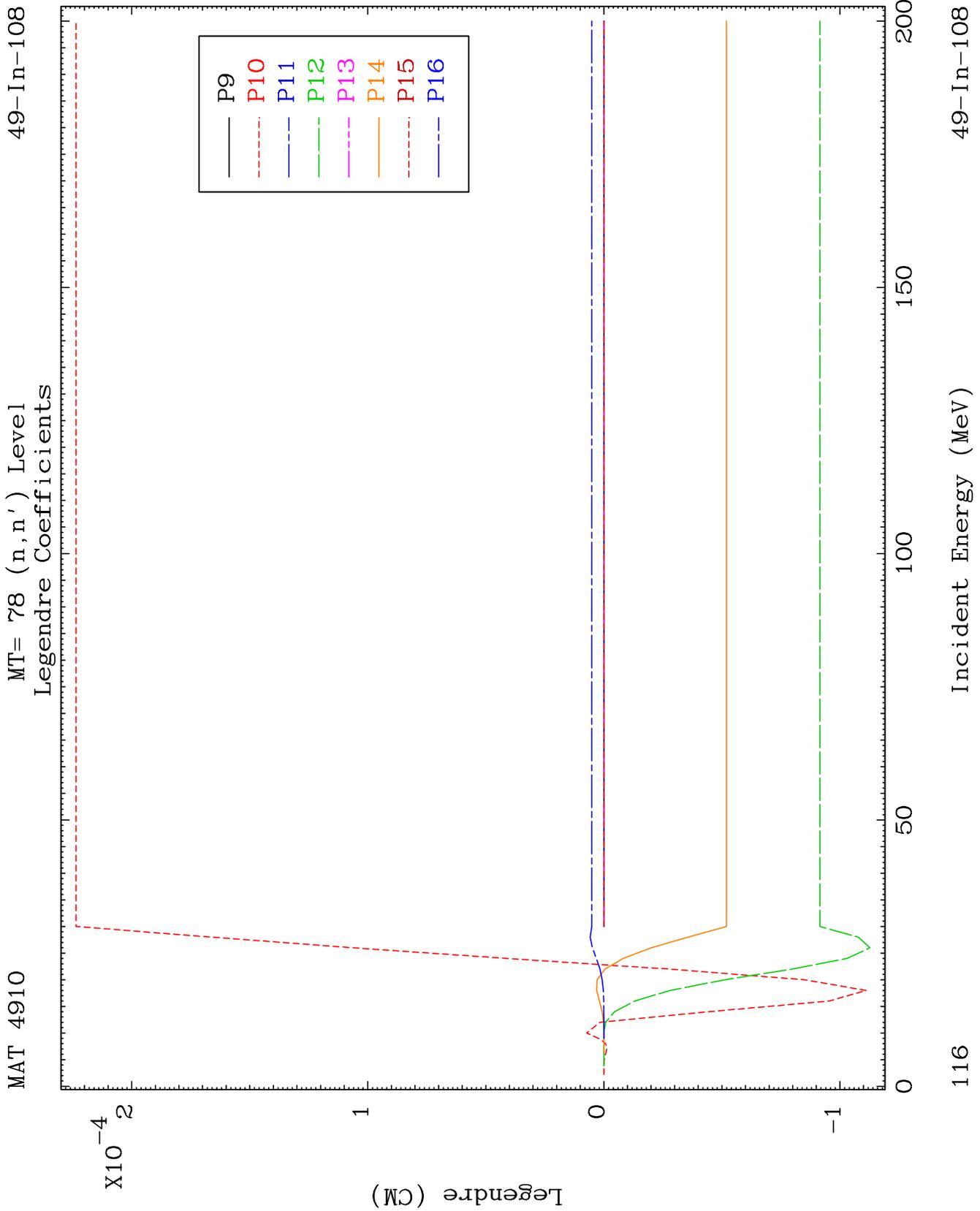
Incident Energy (MeV)

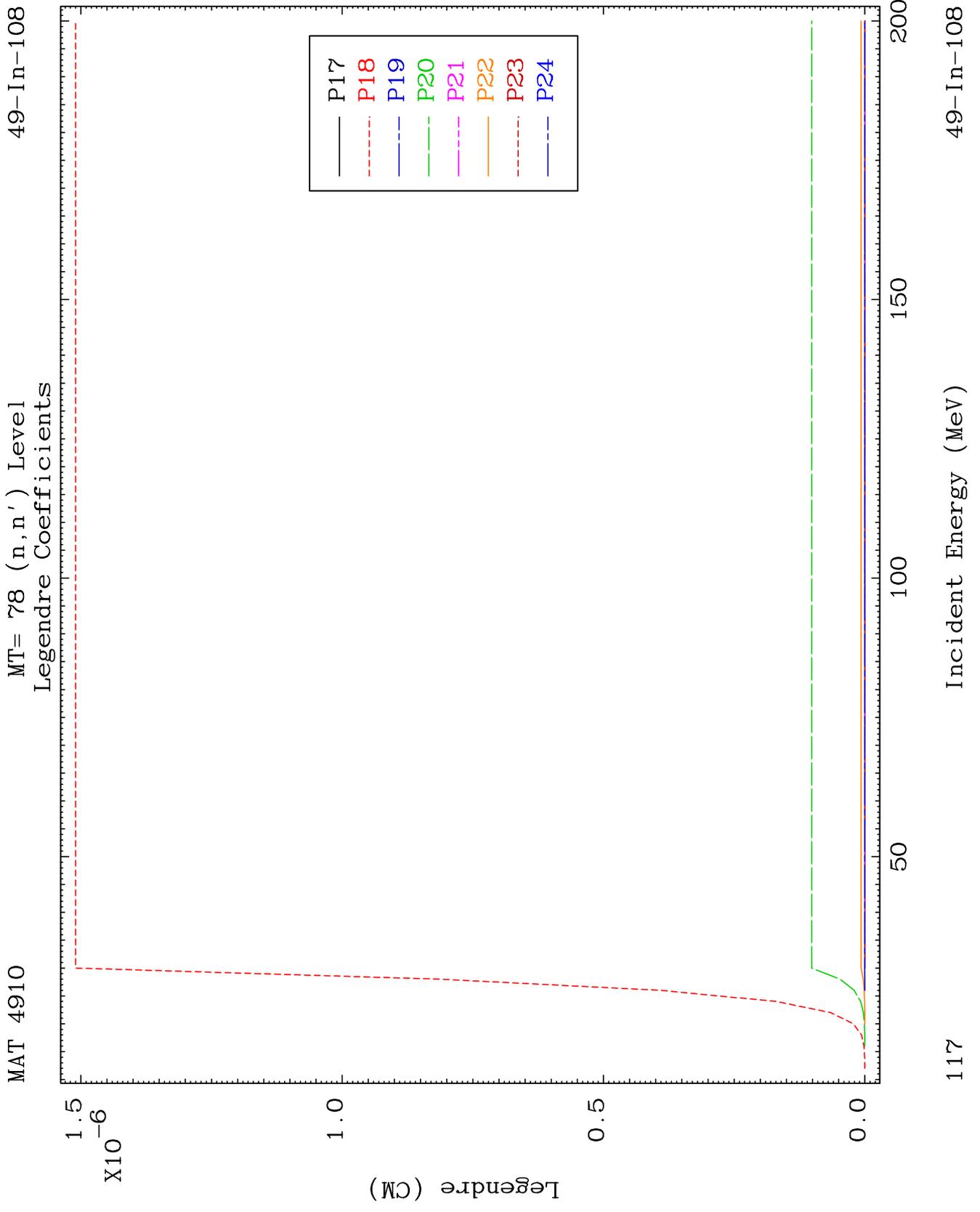
49-In-108

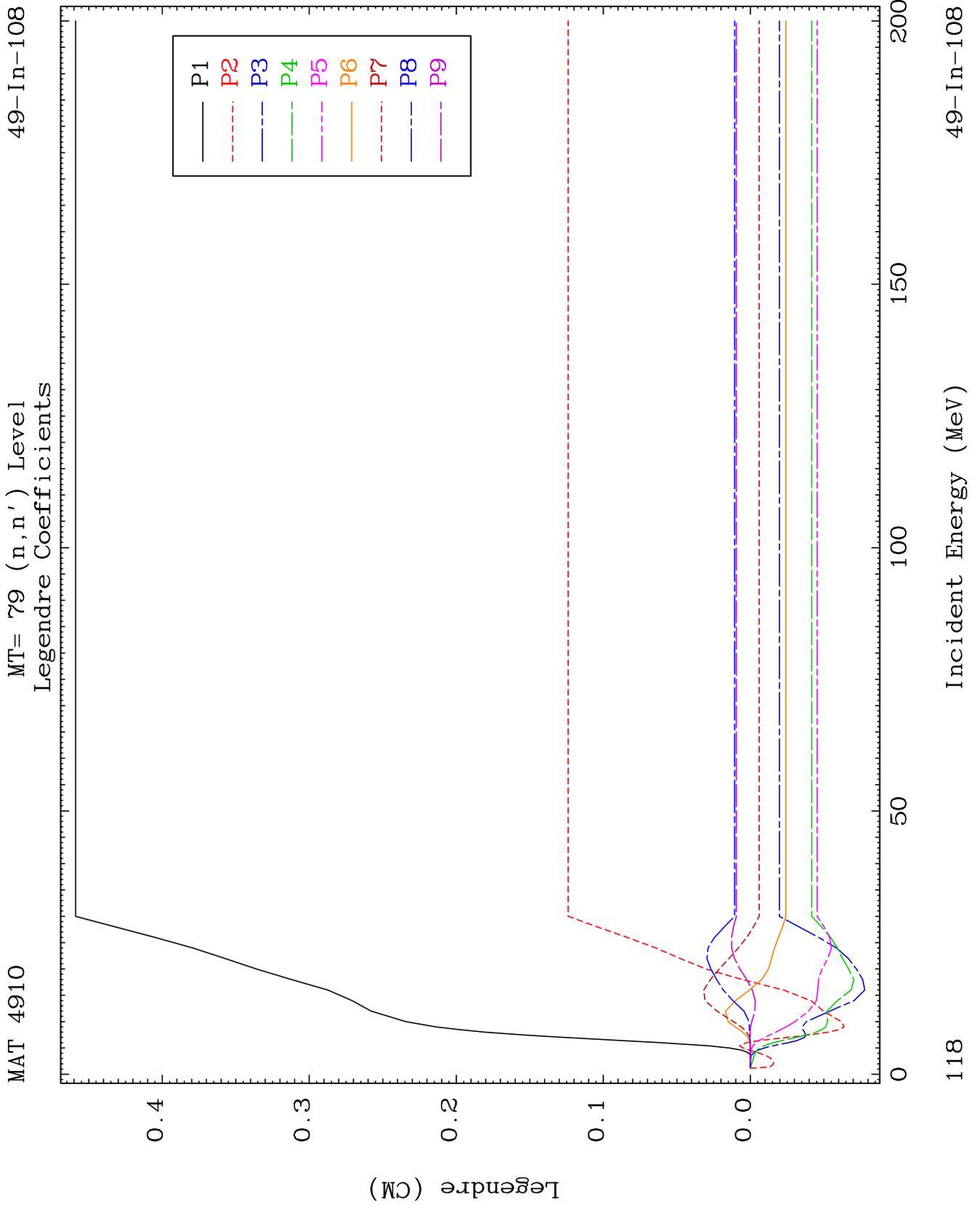


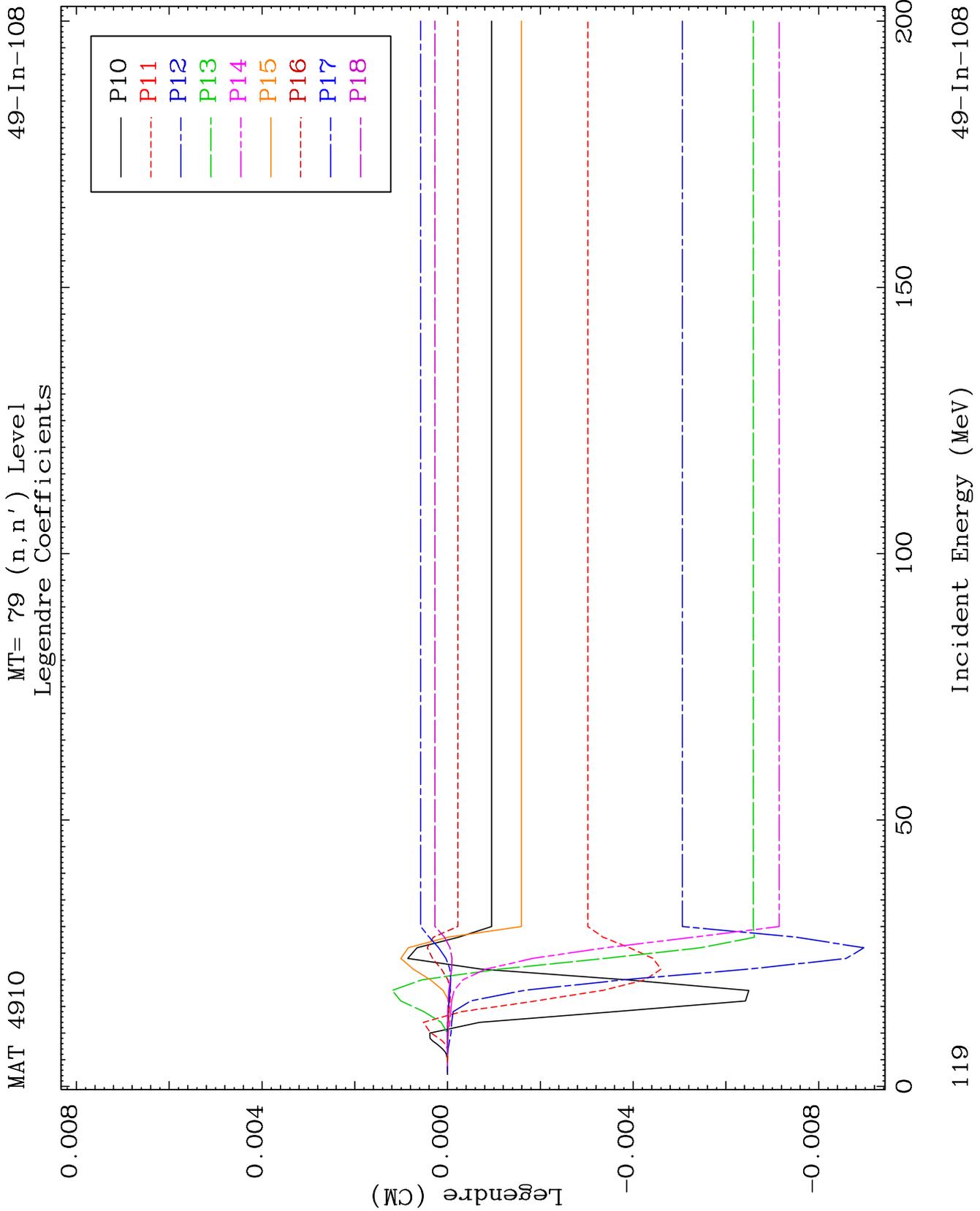


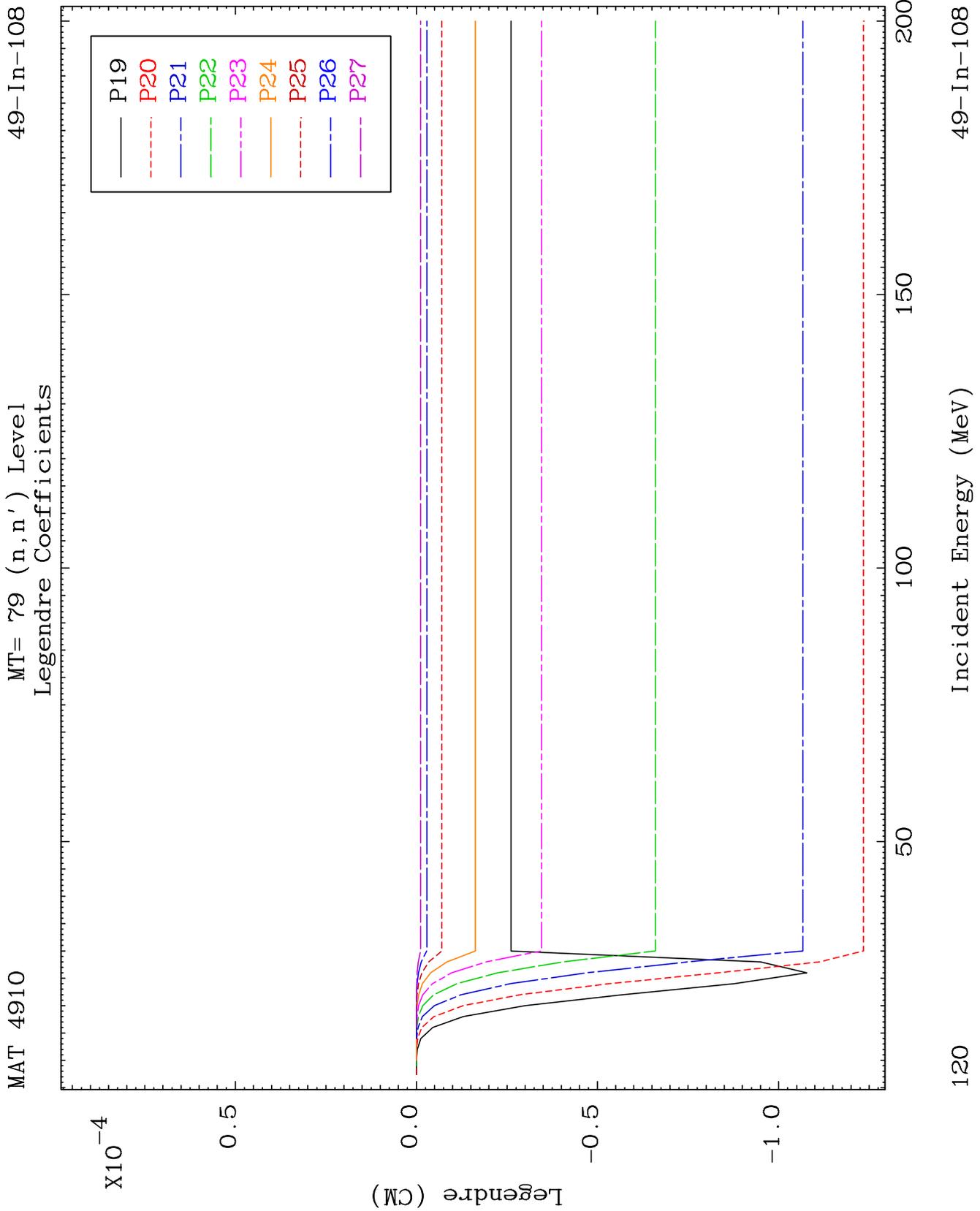


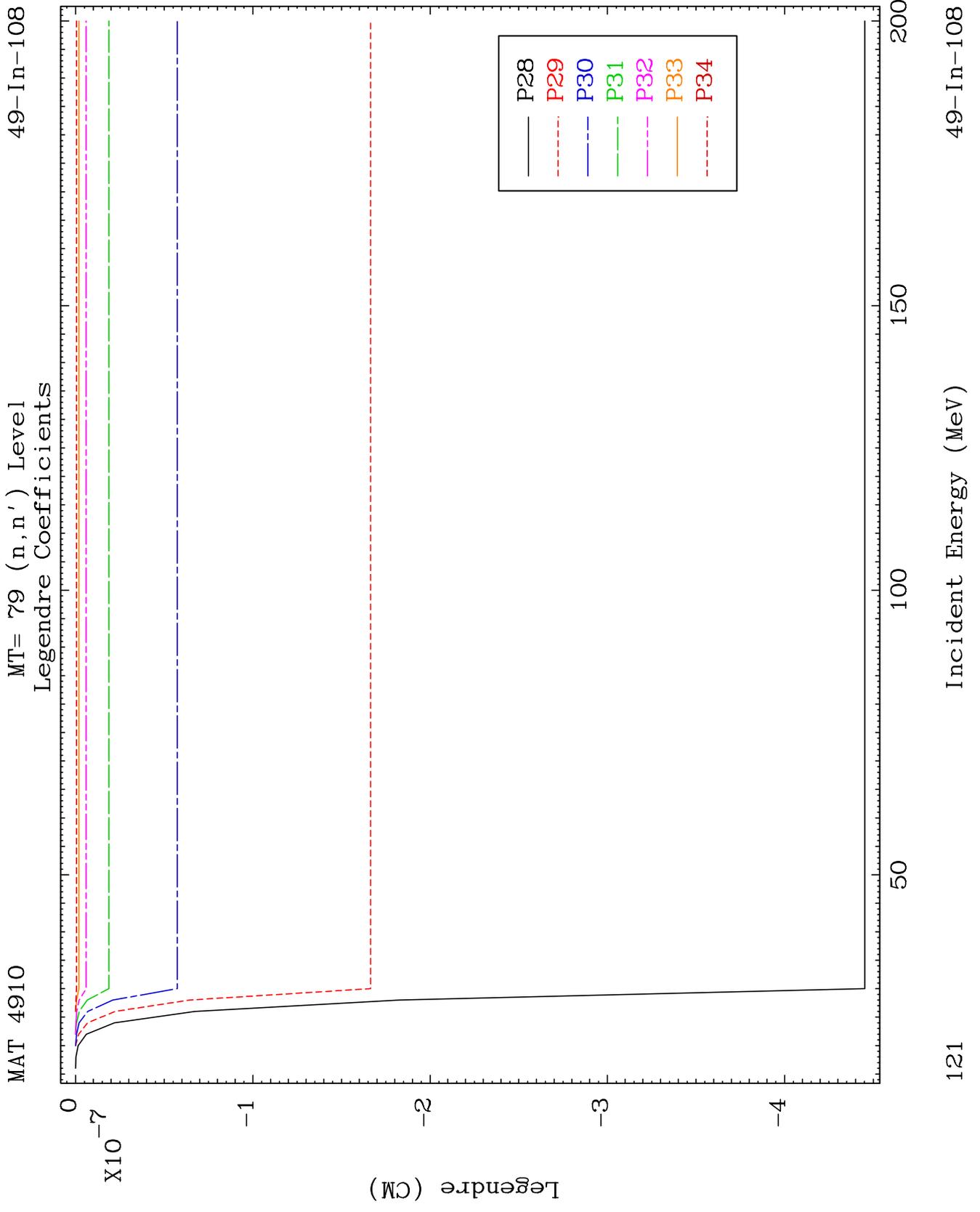


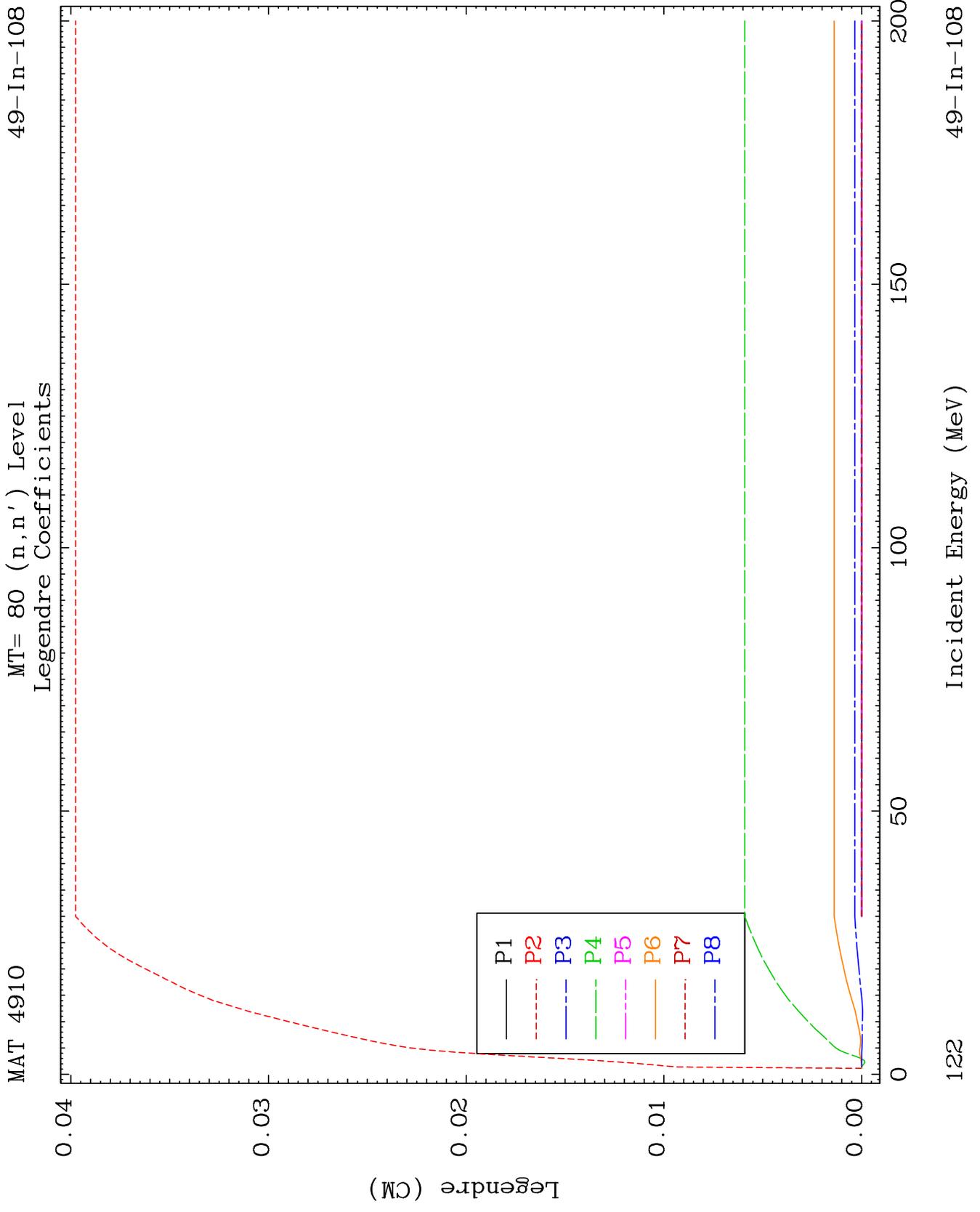


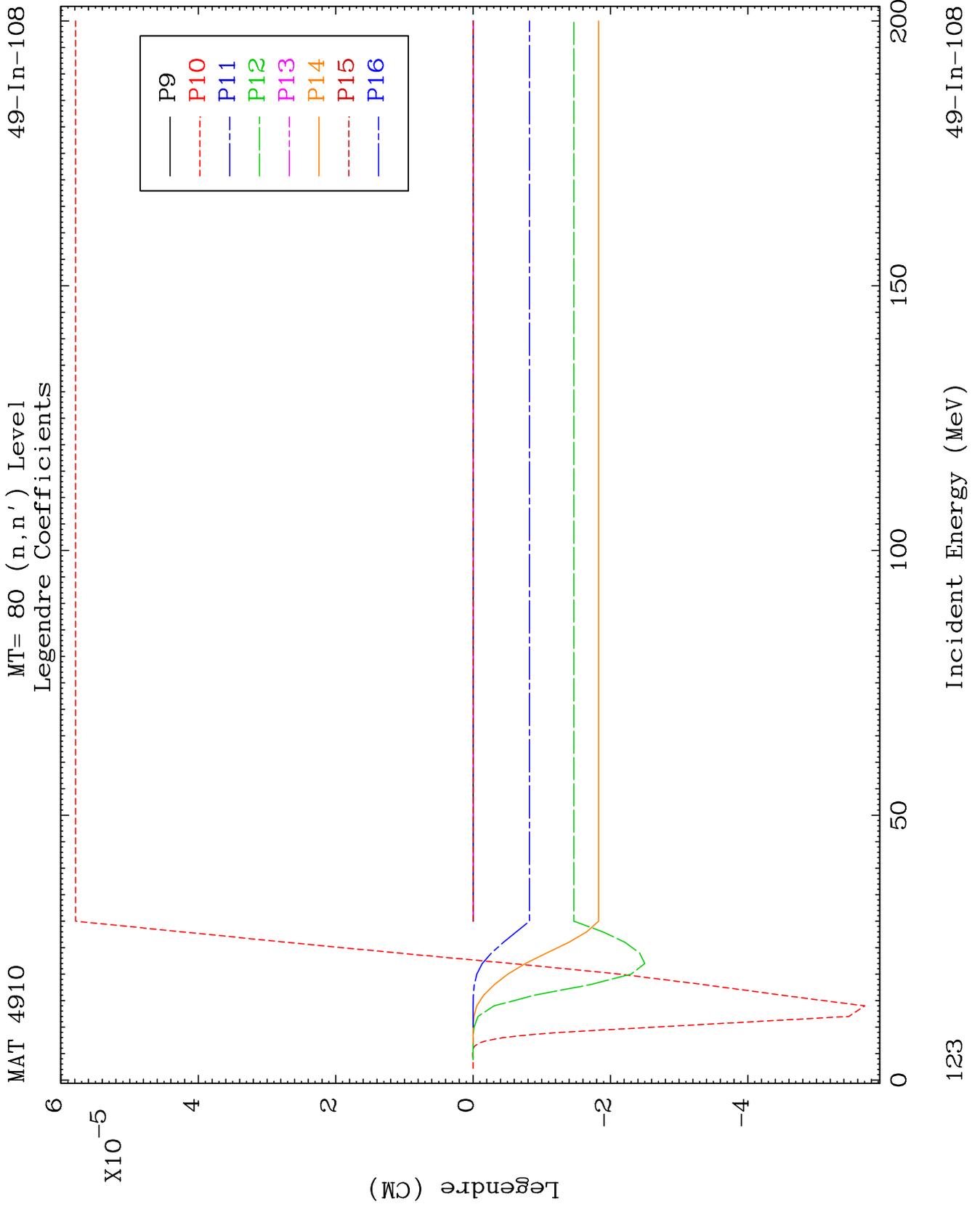


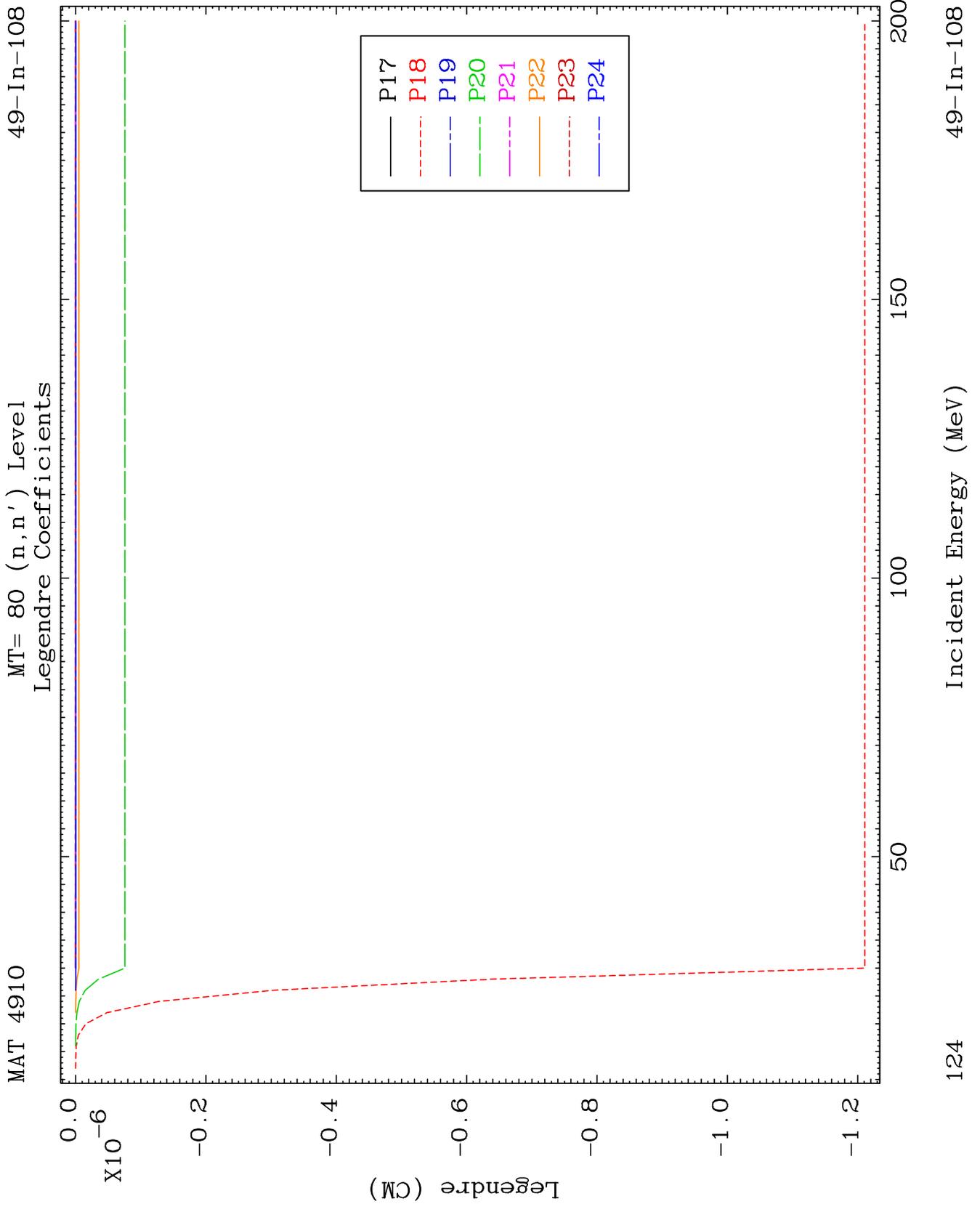








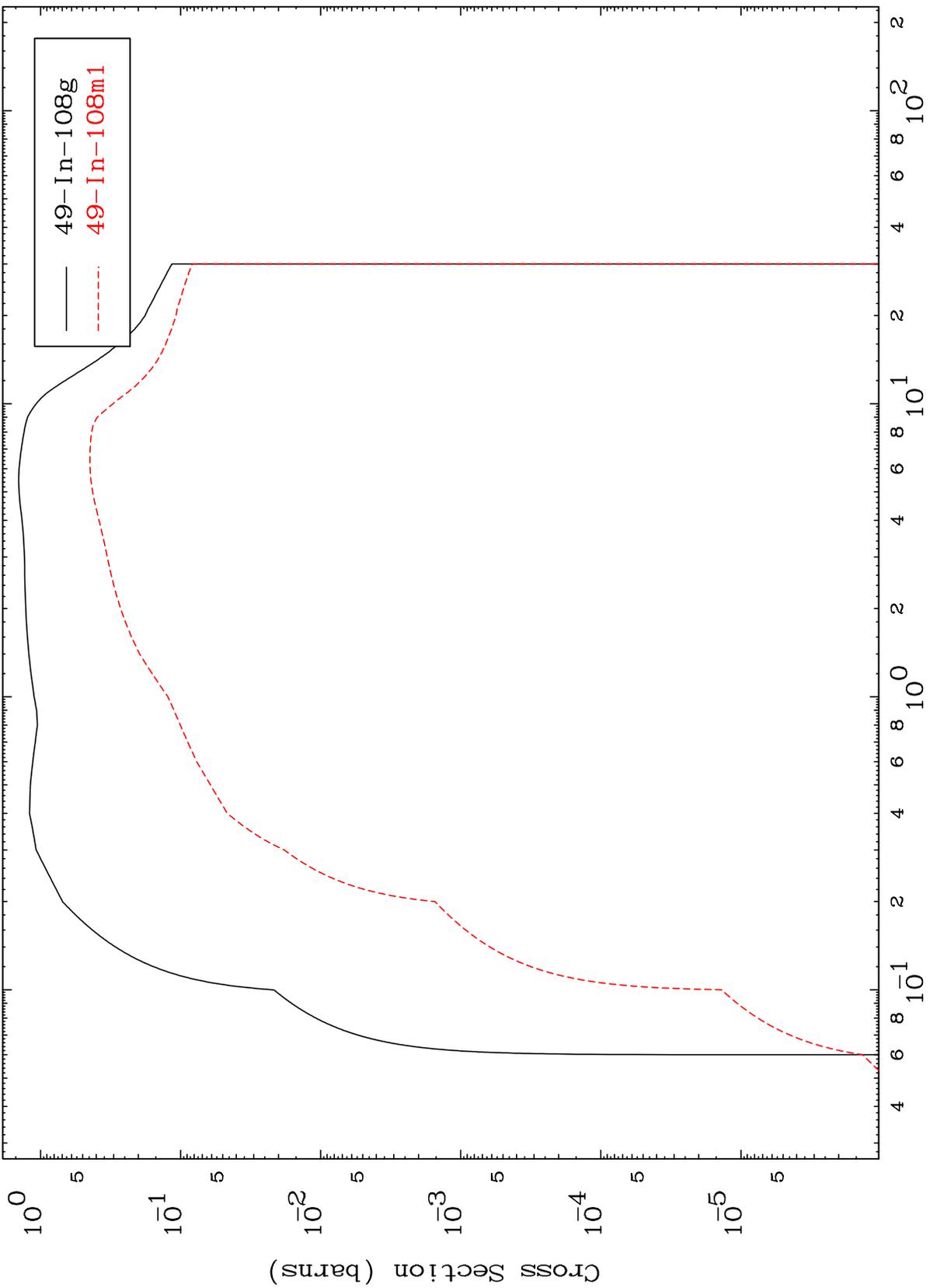




MAT 4910

49-In-108

Inelastic
Radionuclide Production Cross Section



125

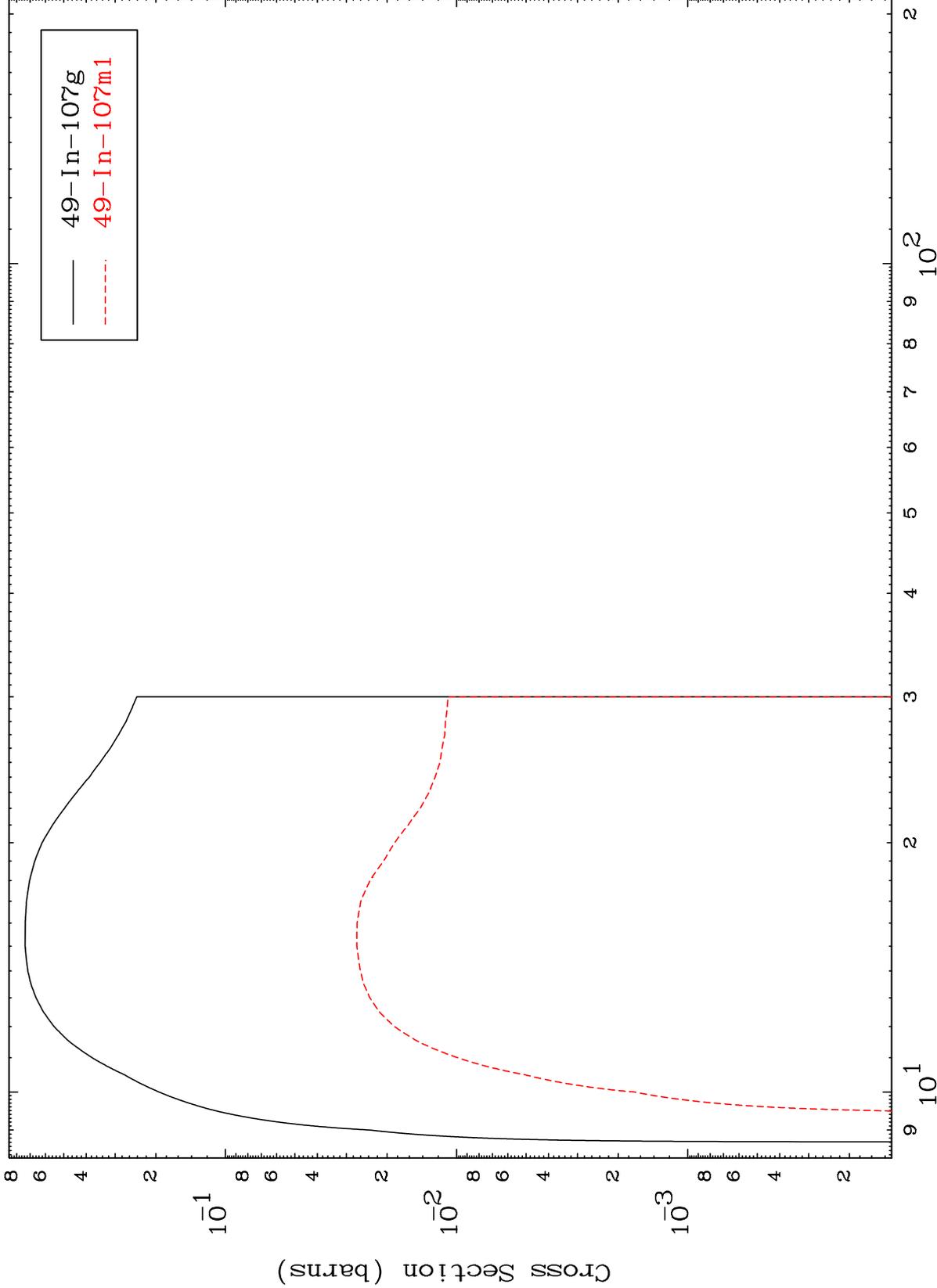
49-In-108

MAT 4910

(n,2n)

49-In-108

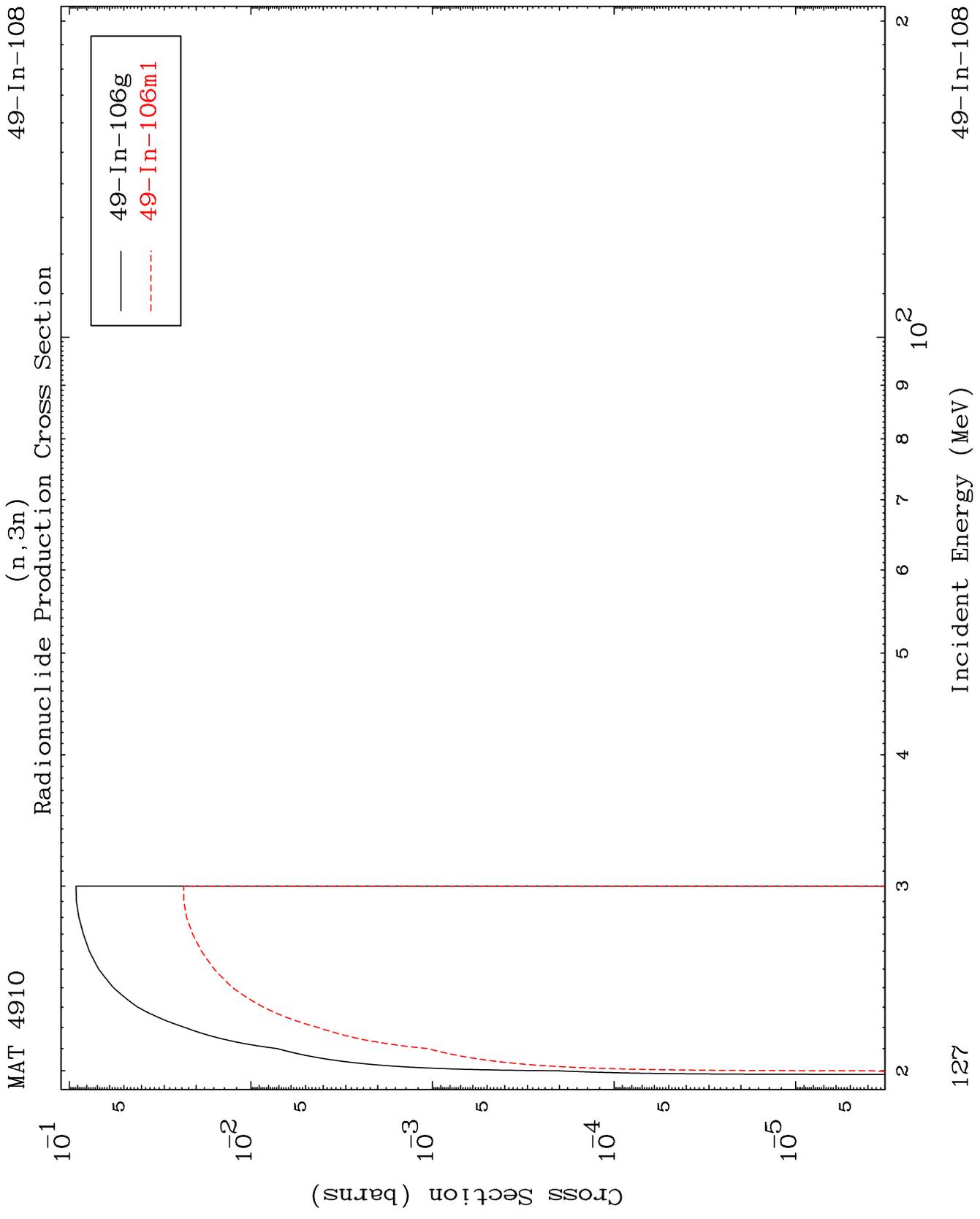
Radionuclide Production Cross Section



126

Incident Energy (MeV)

49-In-108

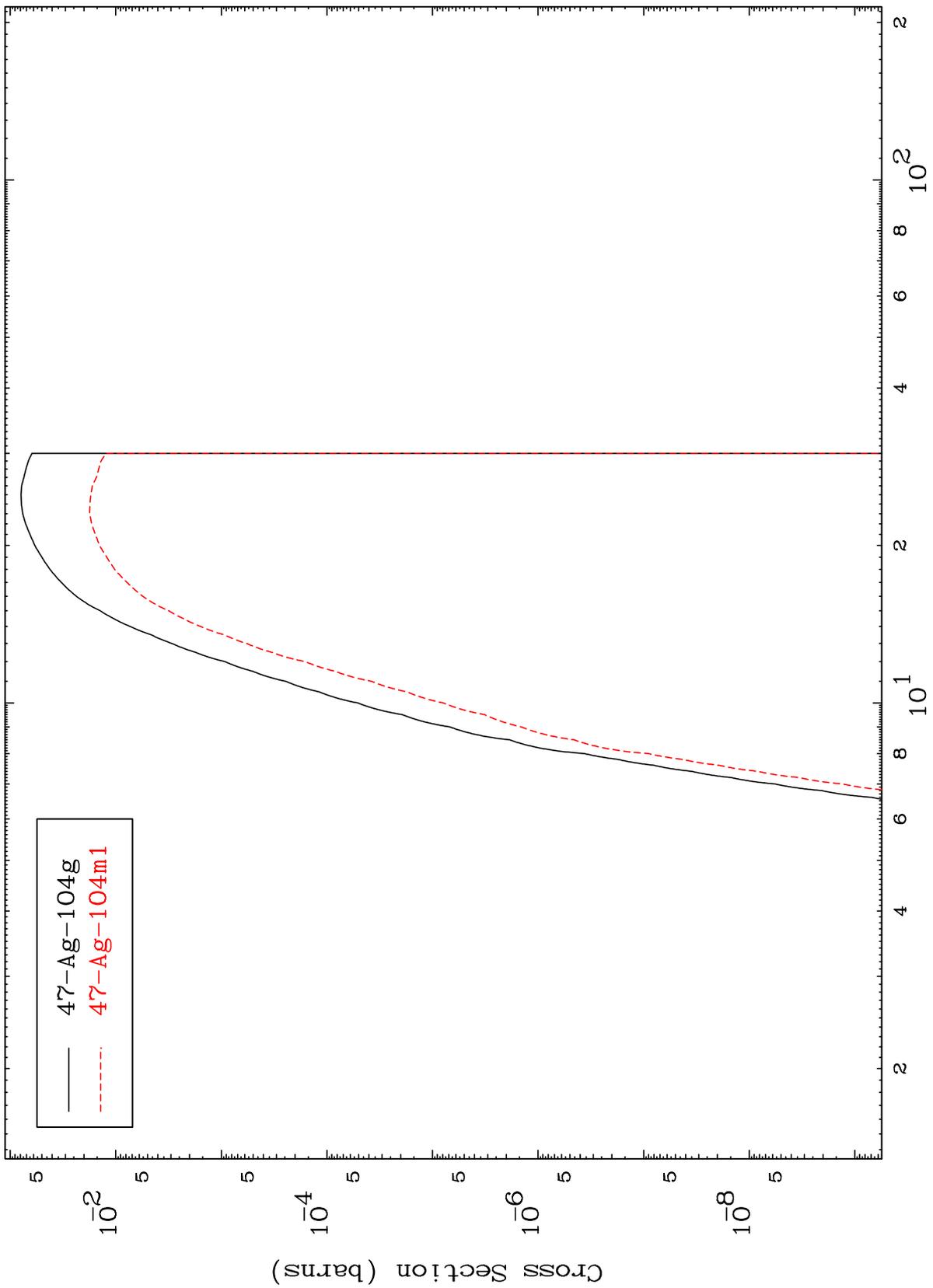


MAT 4910

(n,n') α

49-In-108

Radionuclide Production Cross Section



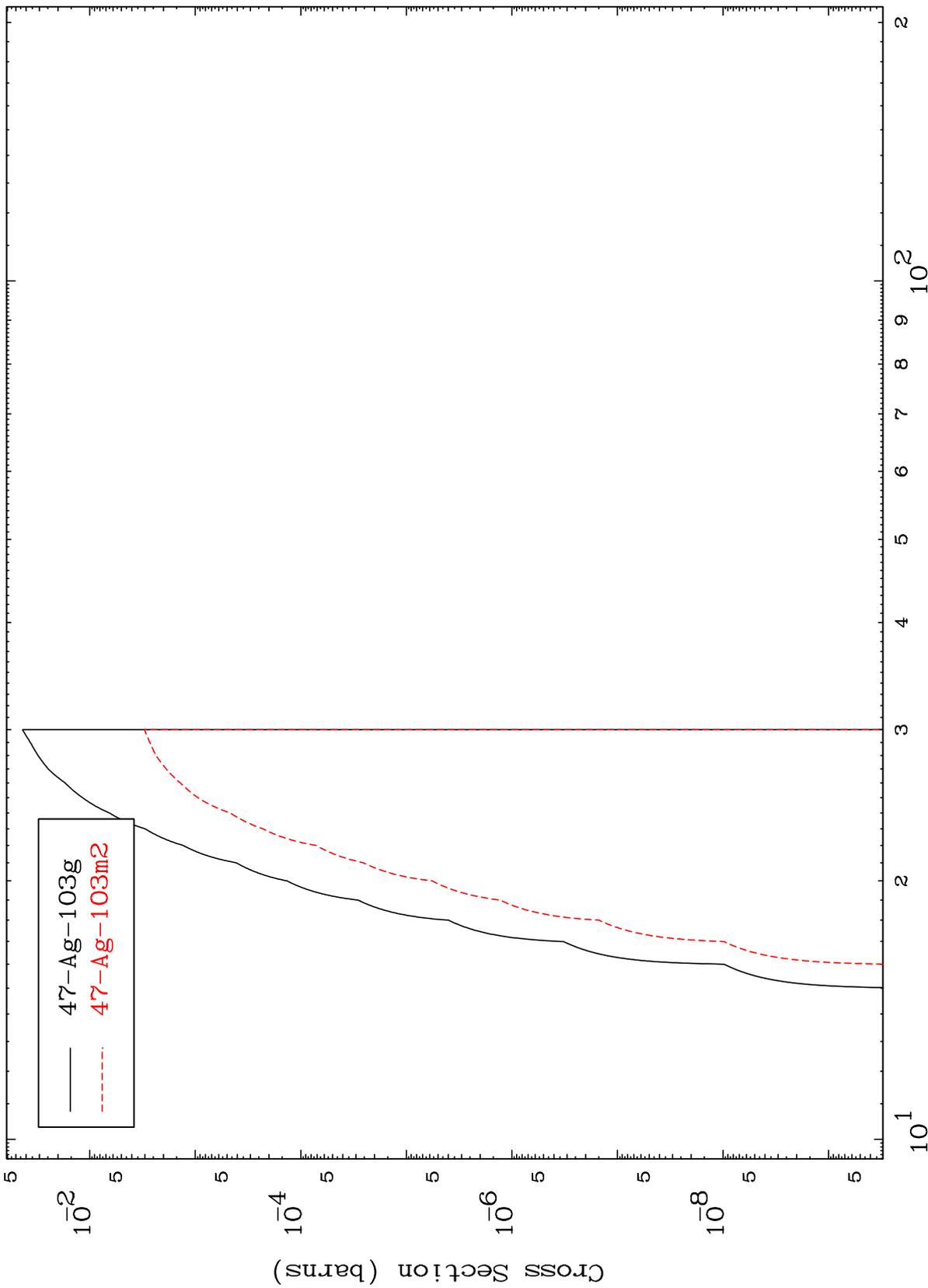
— 47-Ag-104g
- - - 47-Ag-104m1

MAT 4910

(n,2n) α

49-In-108

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-108

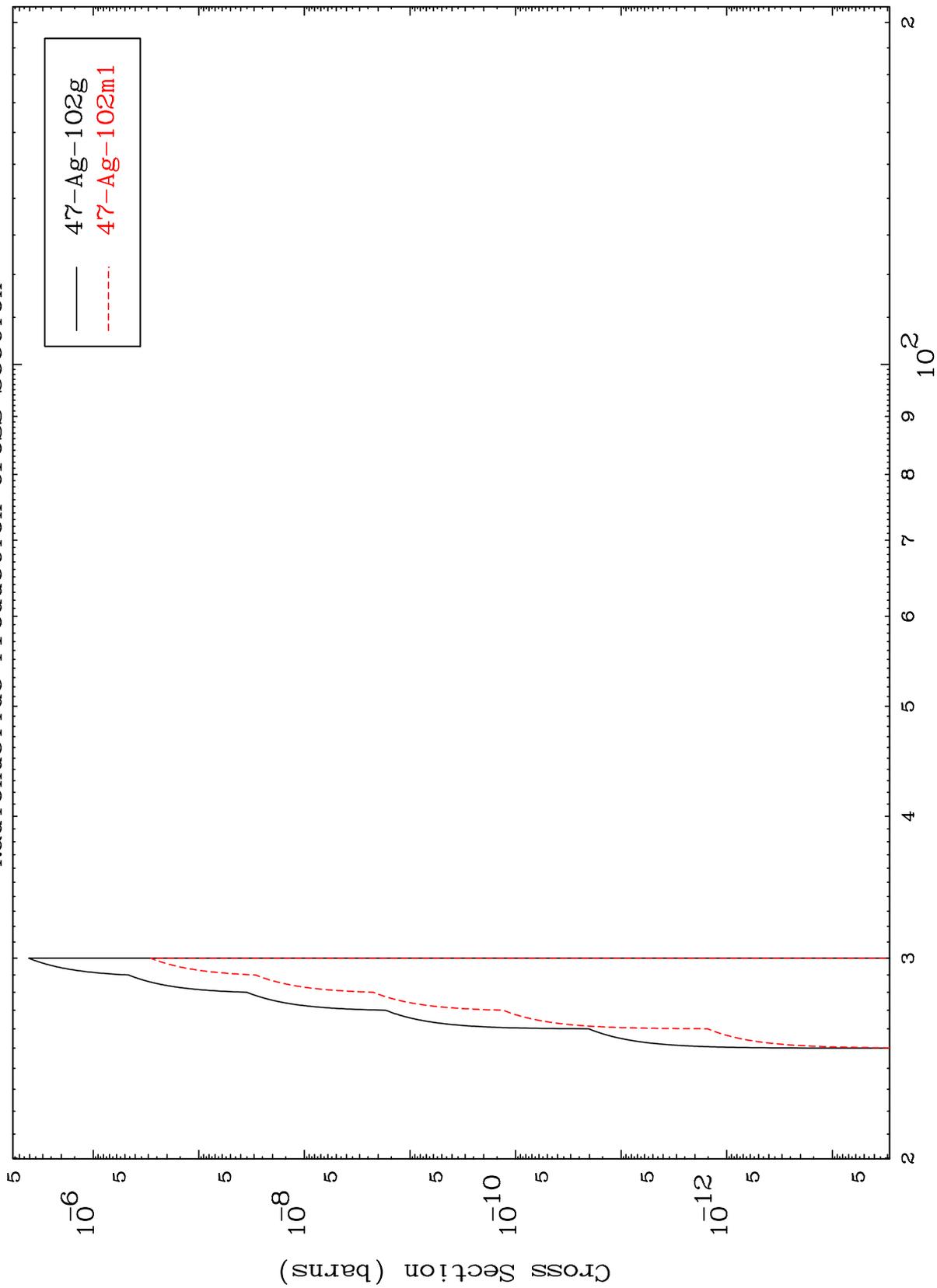
129

MAT 4910

(n,3n) α

49-In-108

Radionuclide Production Cross Section



130

Incident Energy (MeV)

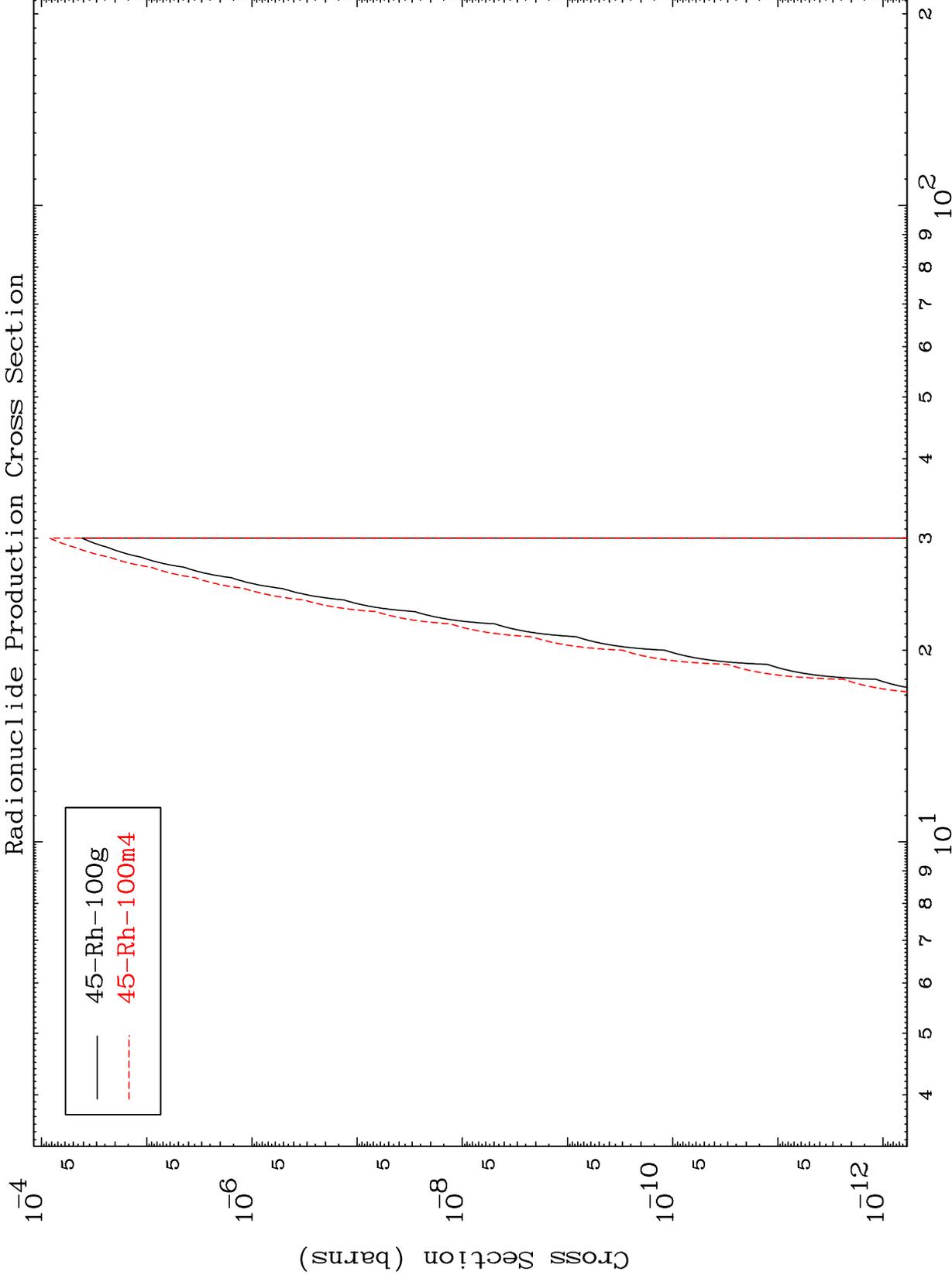
49-In-108

MAT 4910

(n,n') 2α

49-In-108

Radionuclide Production Cross Section



131

Incident Energy (MeV)

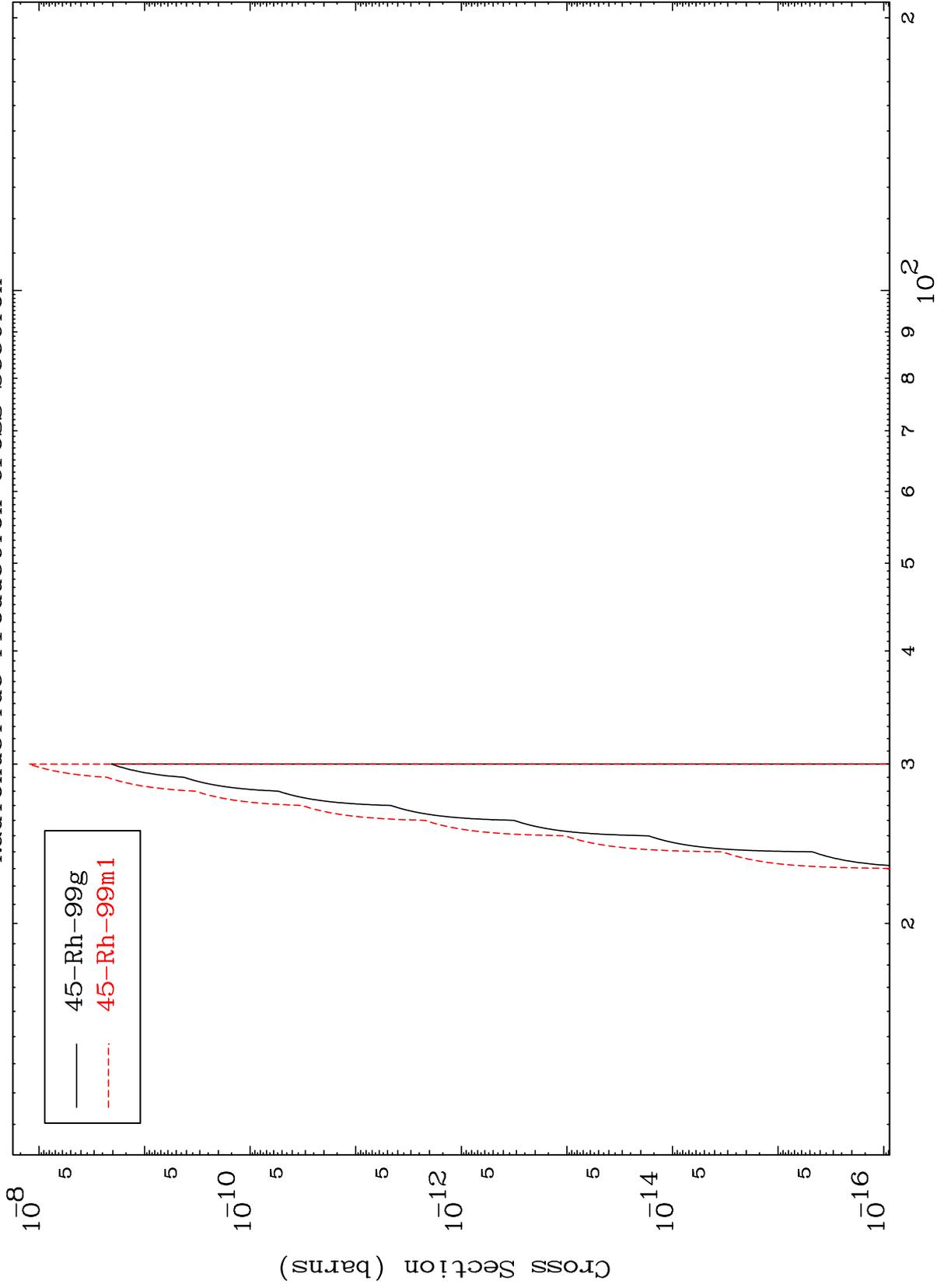
49-In-108

MAT 4910

(n,2n) 2α

49-In-108

Radionuclide Production Cross Section

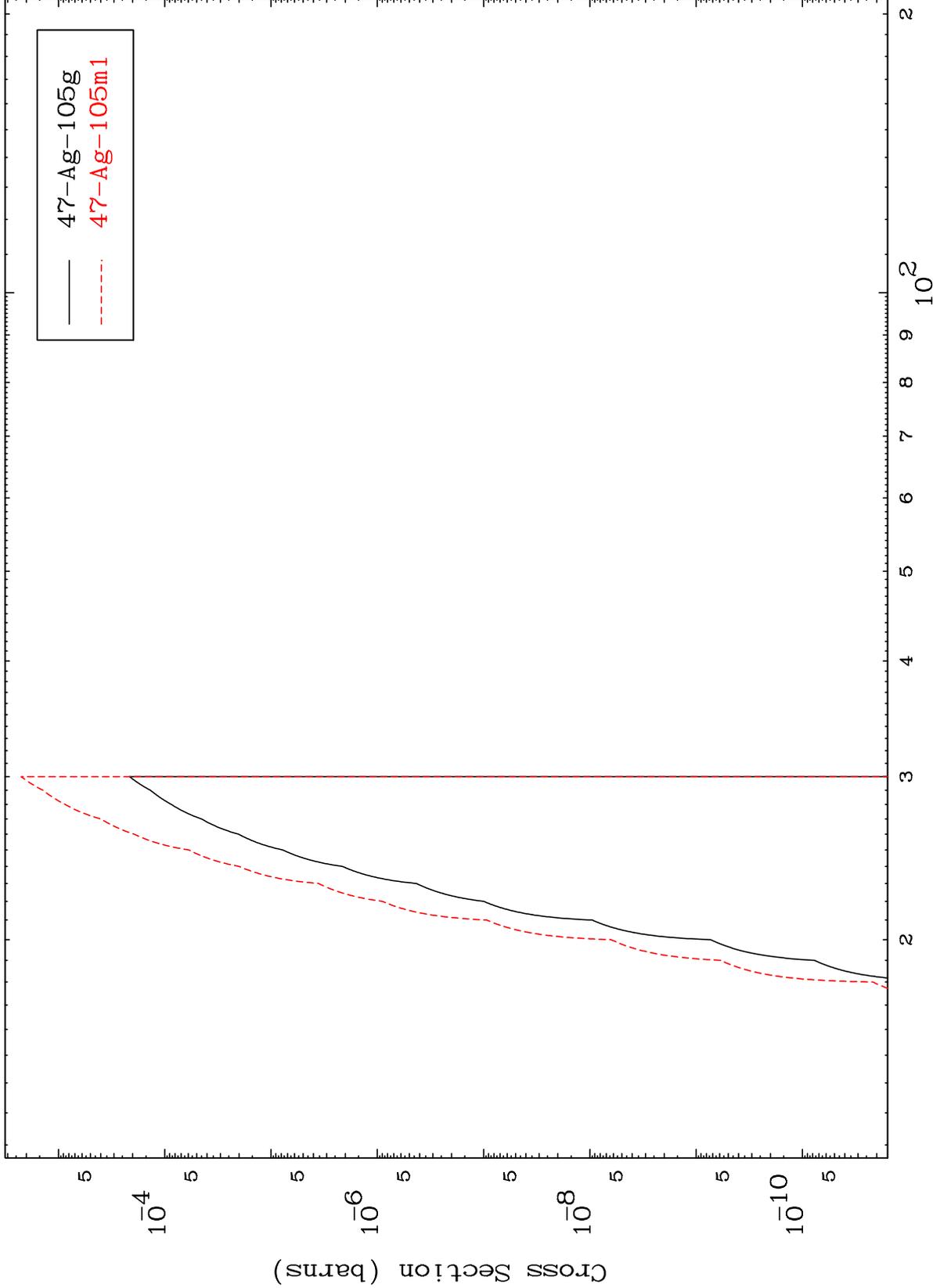


132

Incident Energy (MeV)

49-In-108

Radionuclide Production Cross Section

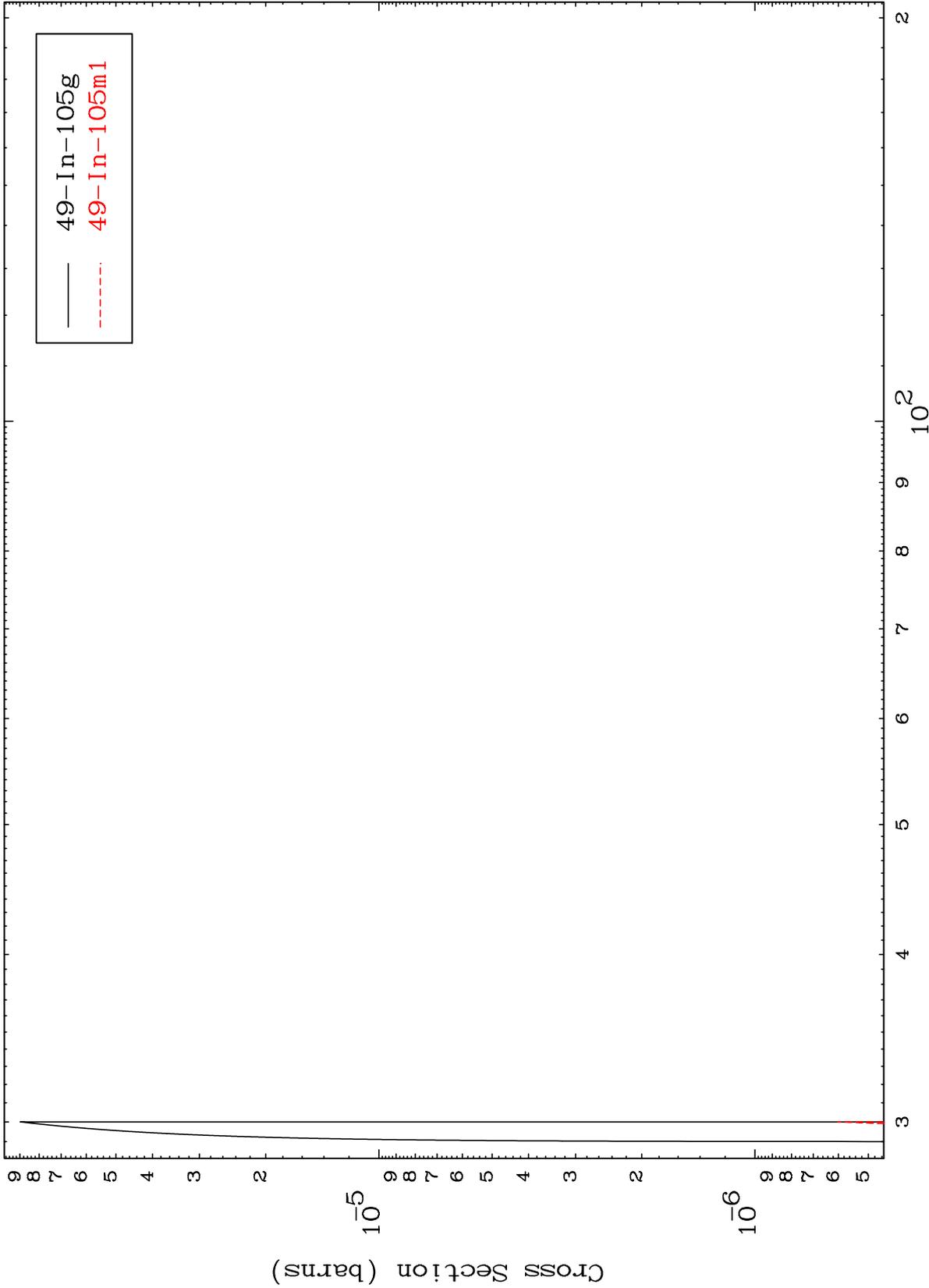


MAT 4910

(n,4n)

49-In-108

Radionuclide Production Cross Section



134

Incident Energy (MeV)

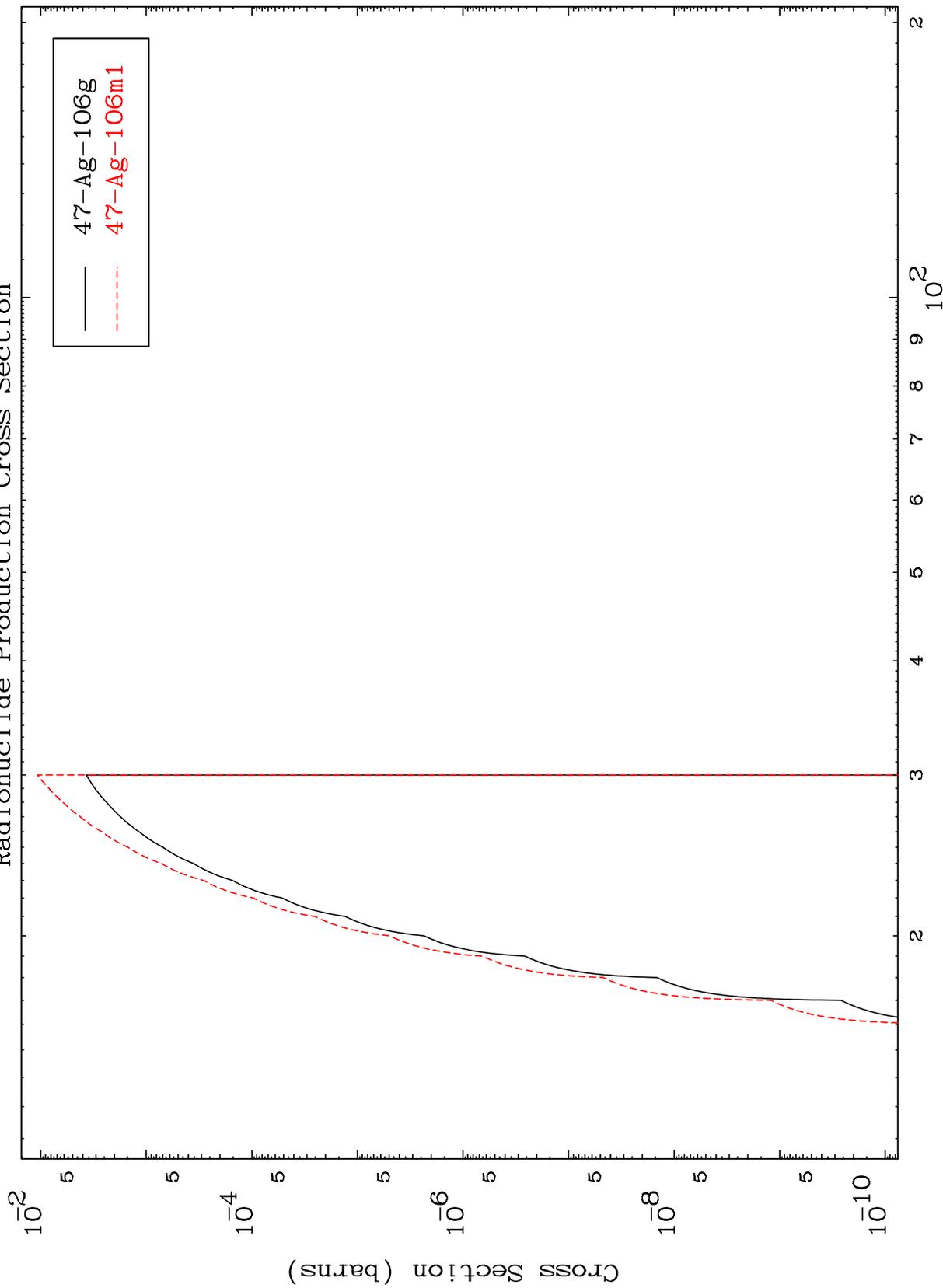
49-In-108

MAT 4910

(n,2n) p

49-In-108

Radionuclide Production Cross Section



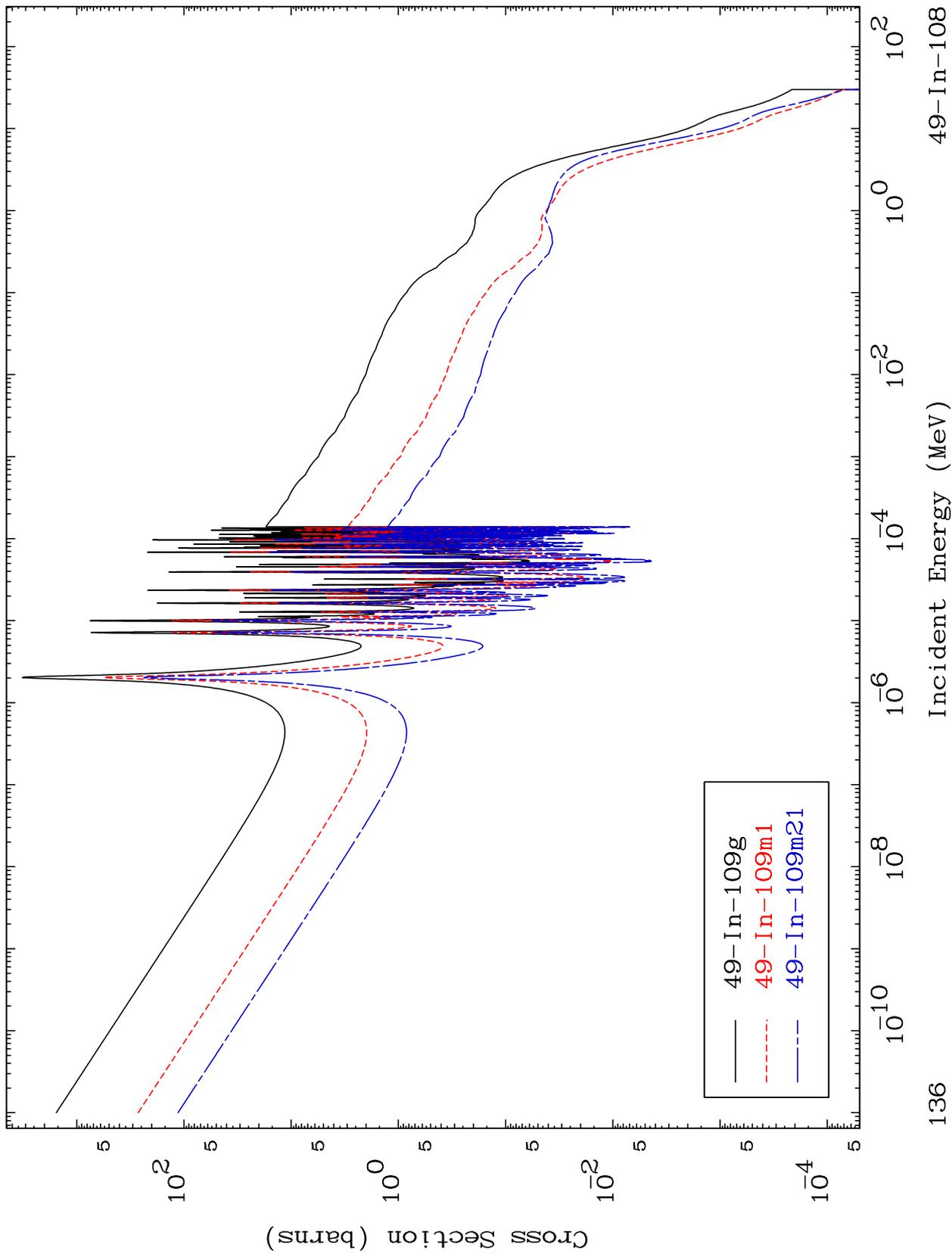
135

Incident Energy (MeV)

49-In-108

Radionuclide Production Cross Section

(n, γ)

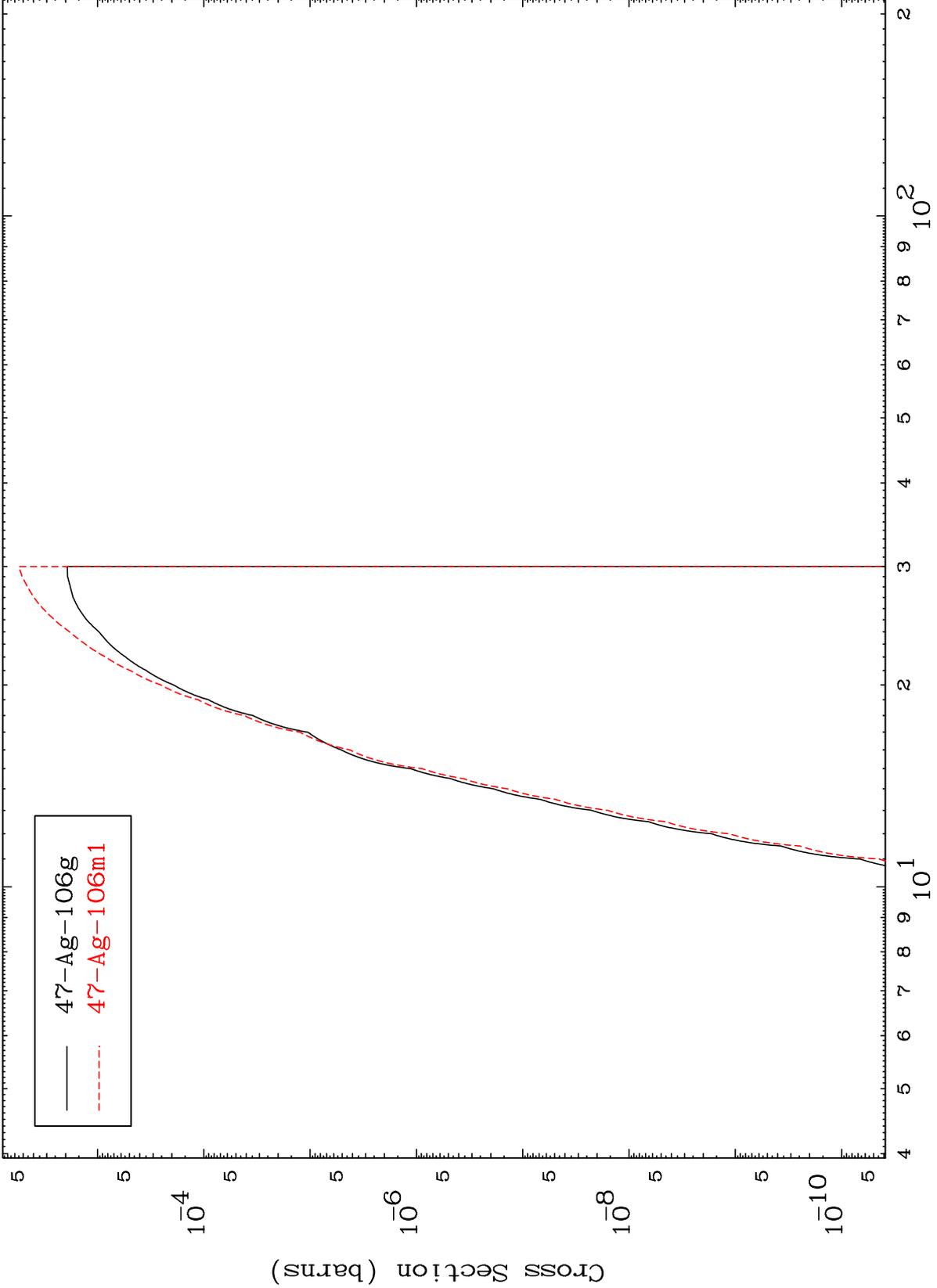


MAT 4910

(n,He-3)

49-In-108

Radionuclide Production Cross Section



— 47-Ag-106g
- - - 47-Ag-106m1

137

Incident Energy (MeV)

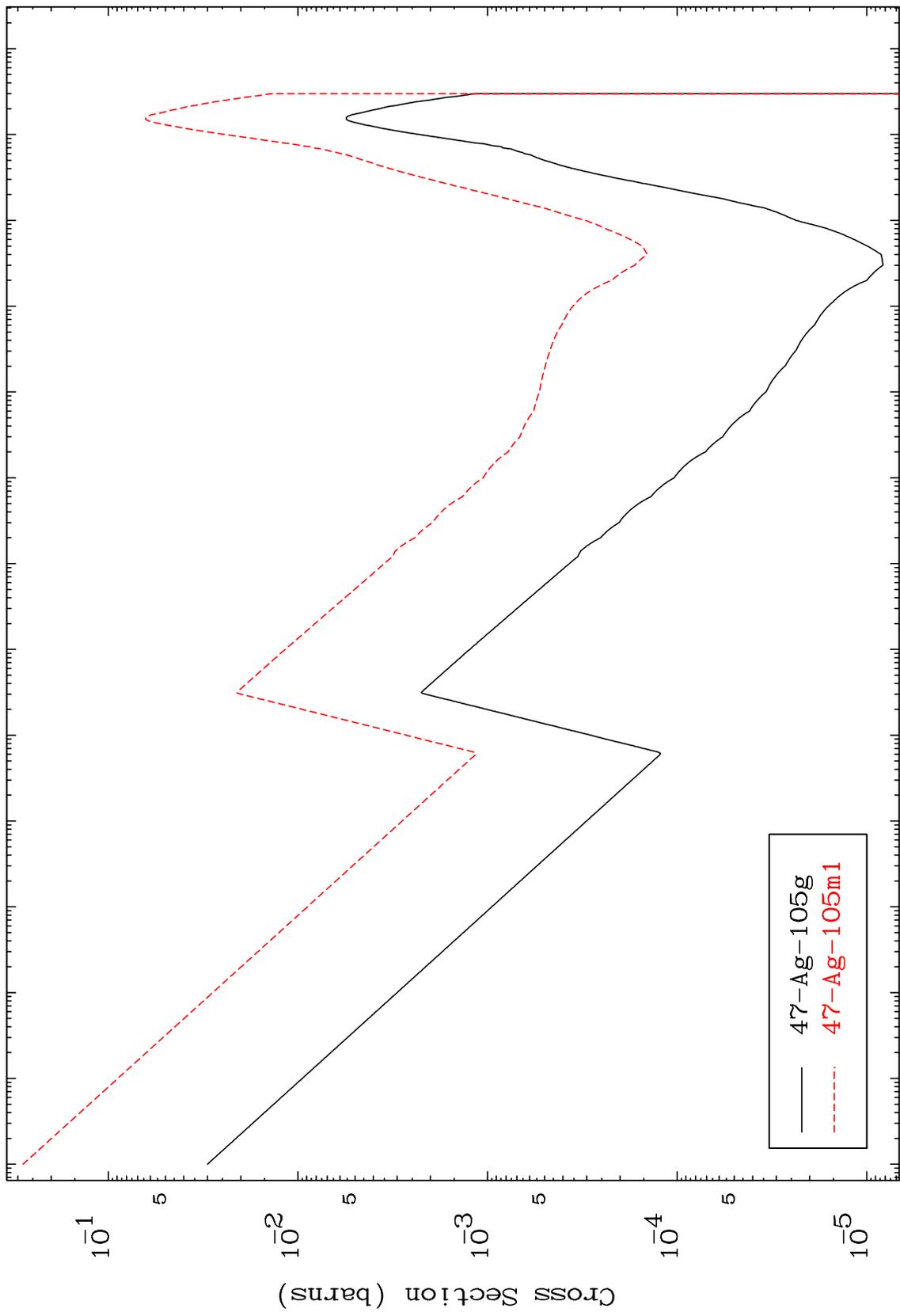
49-In-108

MAT 4910

49-In-108

Radionuclide Production Cross Section

(n, α)



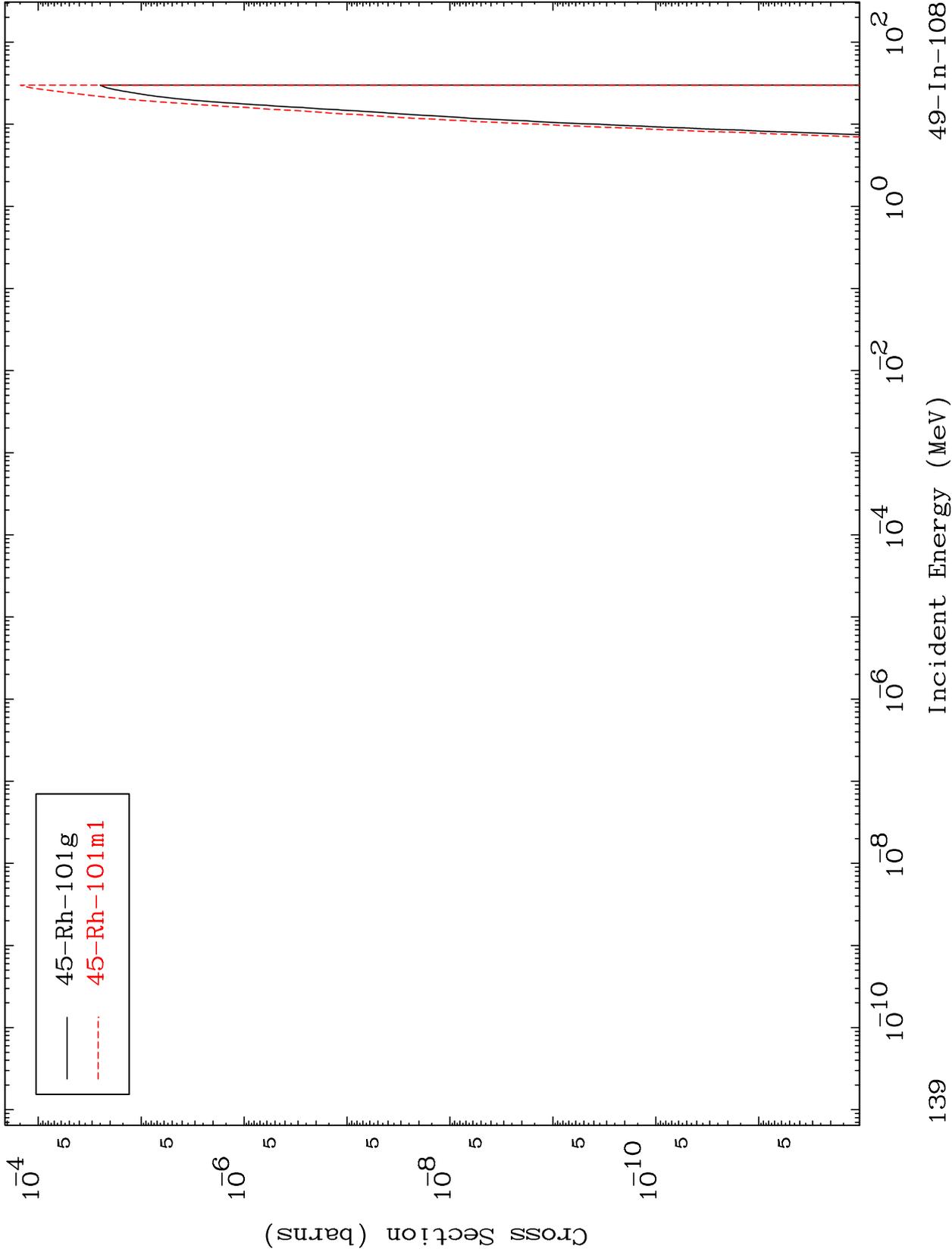
— 47-Ag-105g
- - - 47-Ag-105m1

MAT 4910

(n,2α)

49-In-108

Radionuclide Production Cross Section

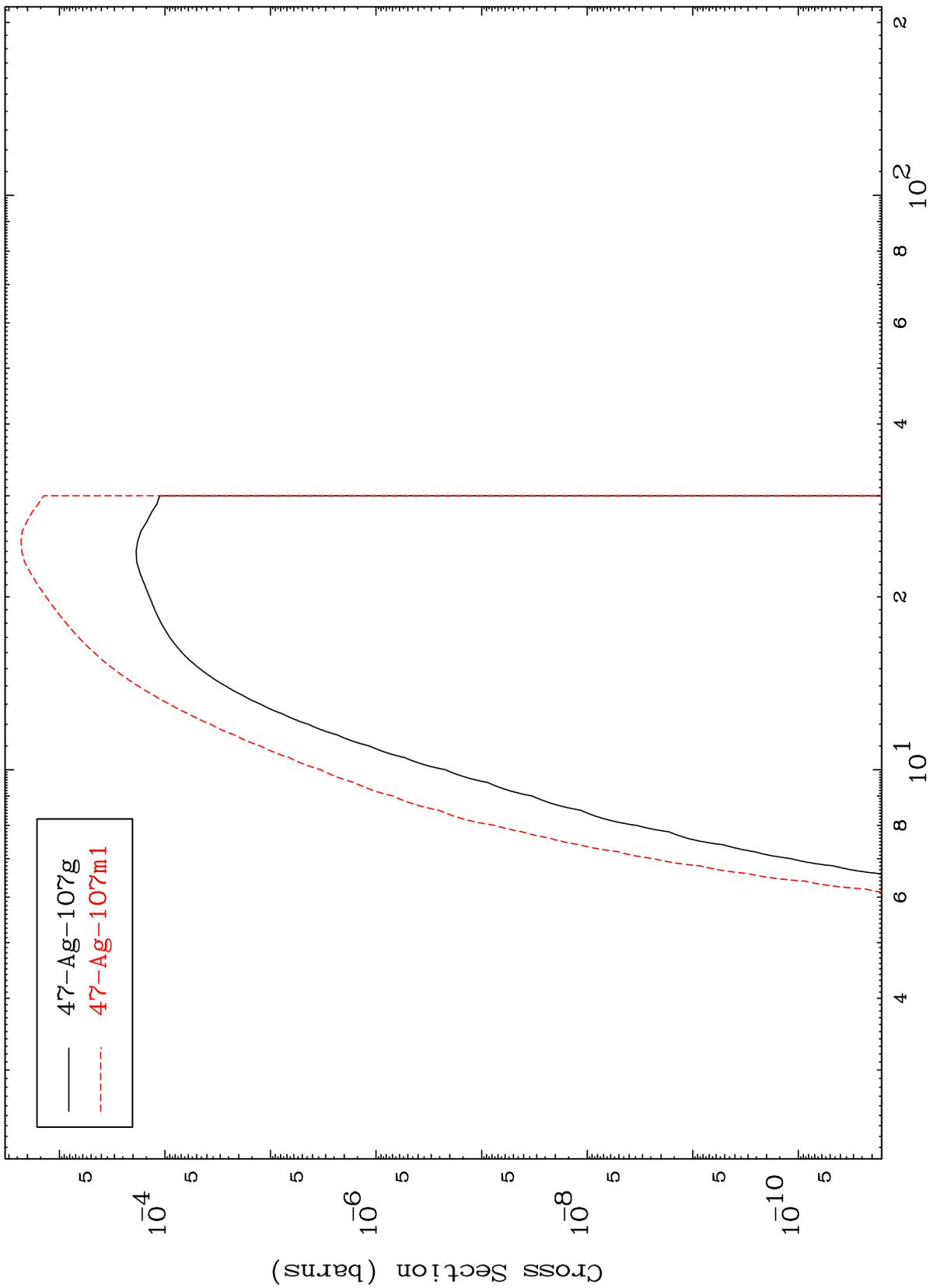


— 45-Rh-101g
- - - 45-Rh-101m1

MAT 4910

49-In-108

(n,2p)
Radionuclide Production Cross Section



— 47-Ag-107g
- - - 47-Ag-107m1

140

49-In-108

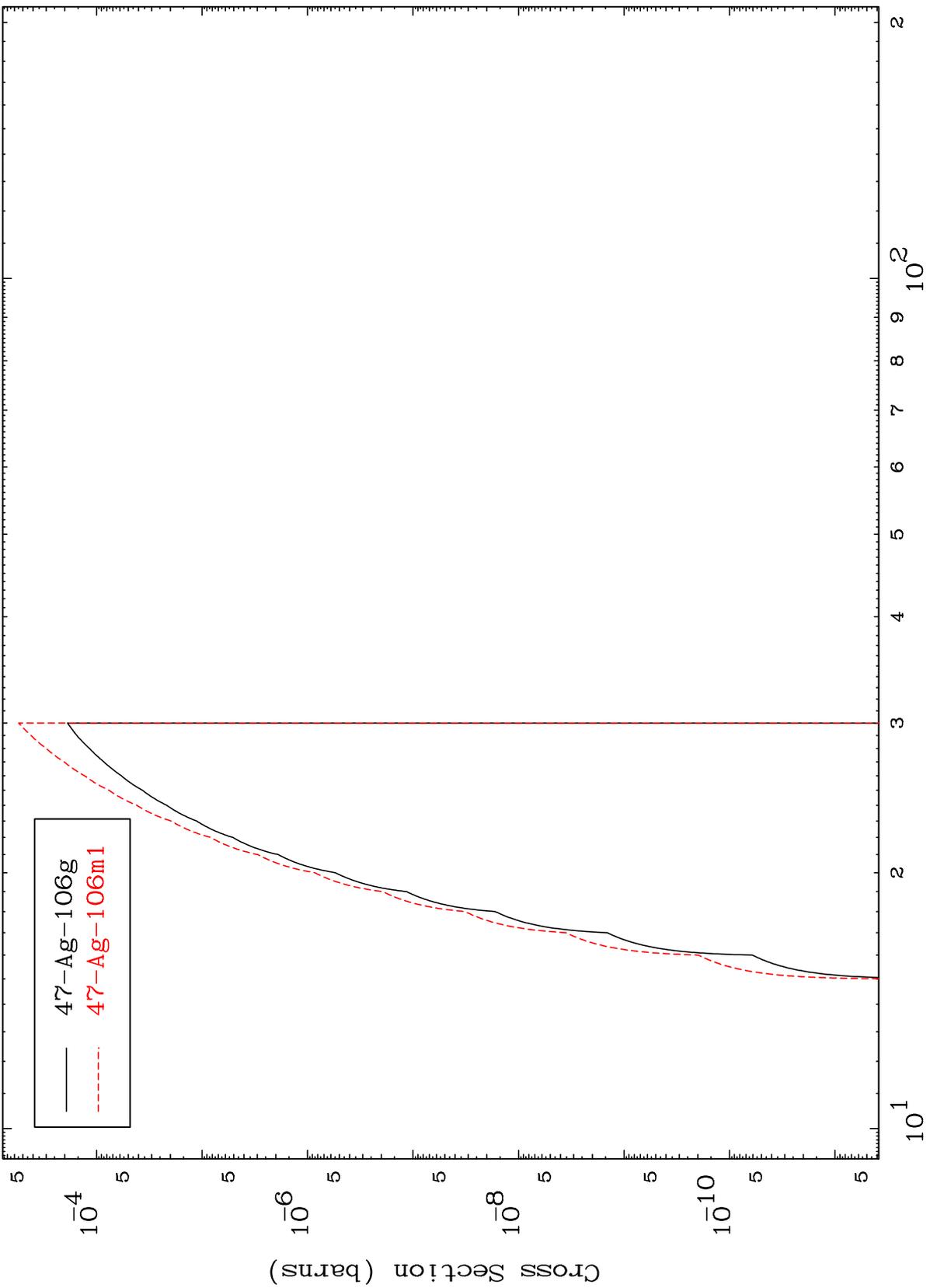
Incident Energy (MeV)

MAT 4910

(n,p) d

49-In-108

Radionuclide Production Cross Section



141

Incident Energy (MeV)

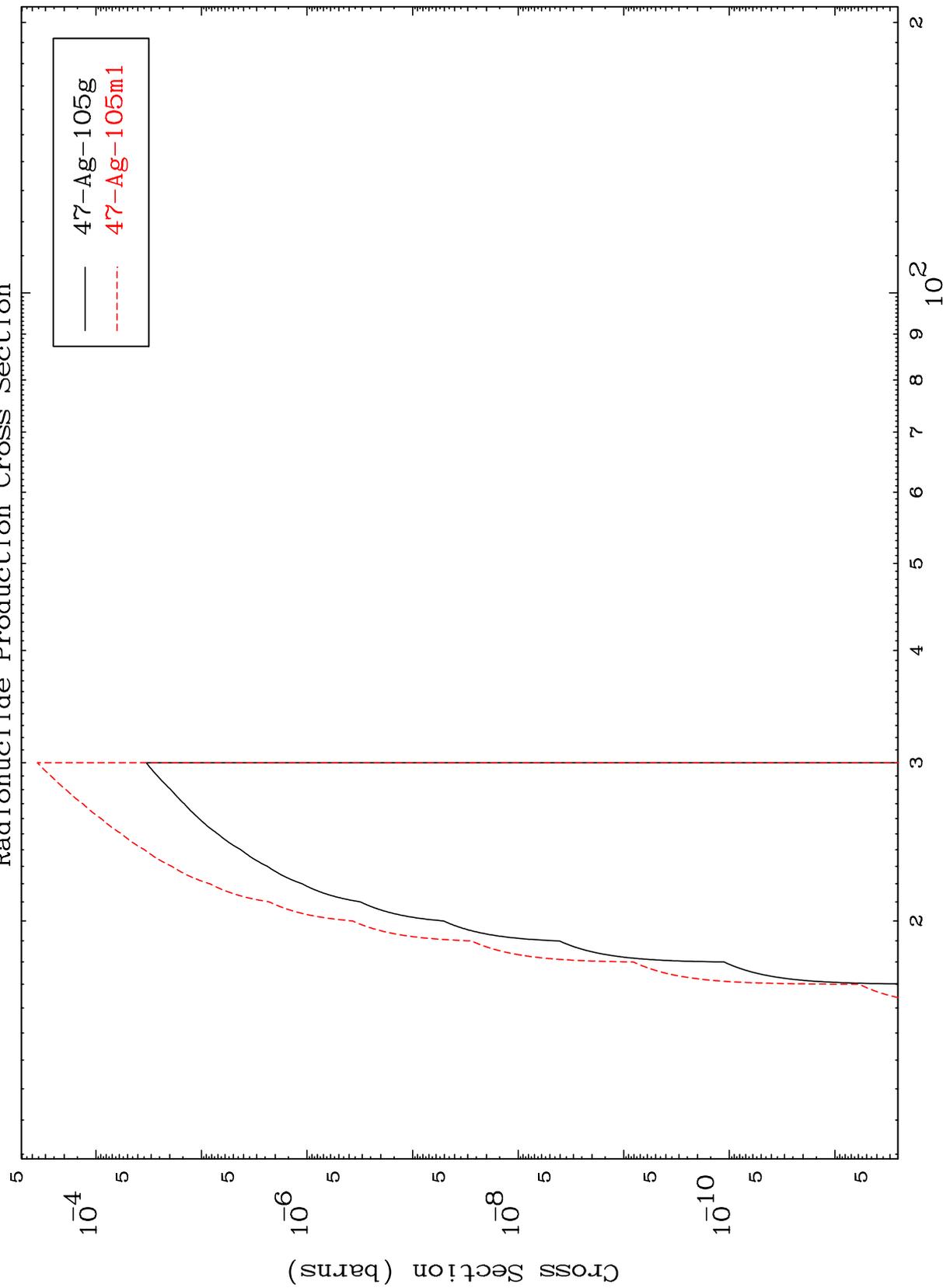
49-In-108

MAT 4910

(n,p) t

49-In-108

Radionuclide Production Cross Section



142

Incident Energy (MeV)

49-In-108