

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

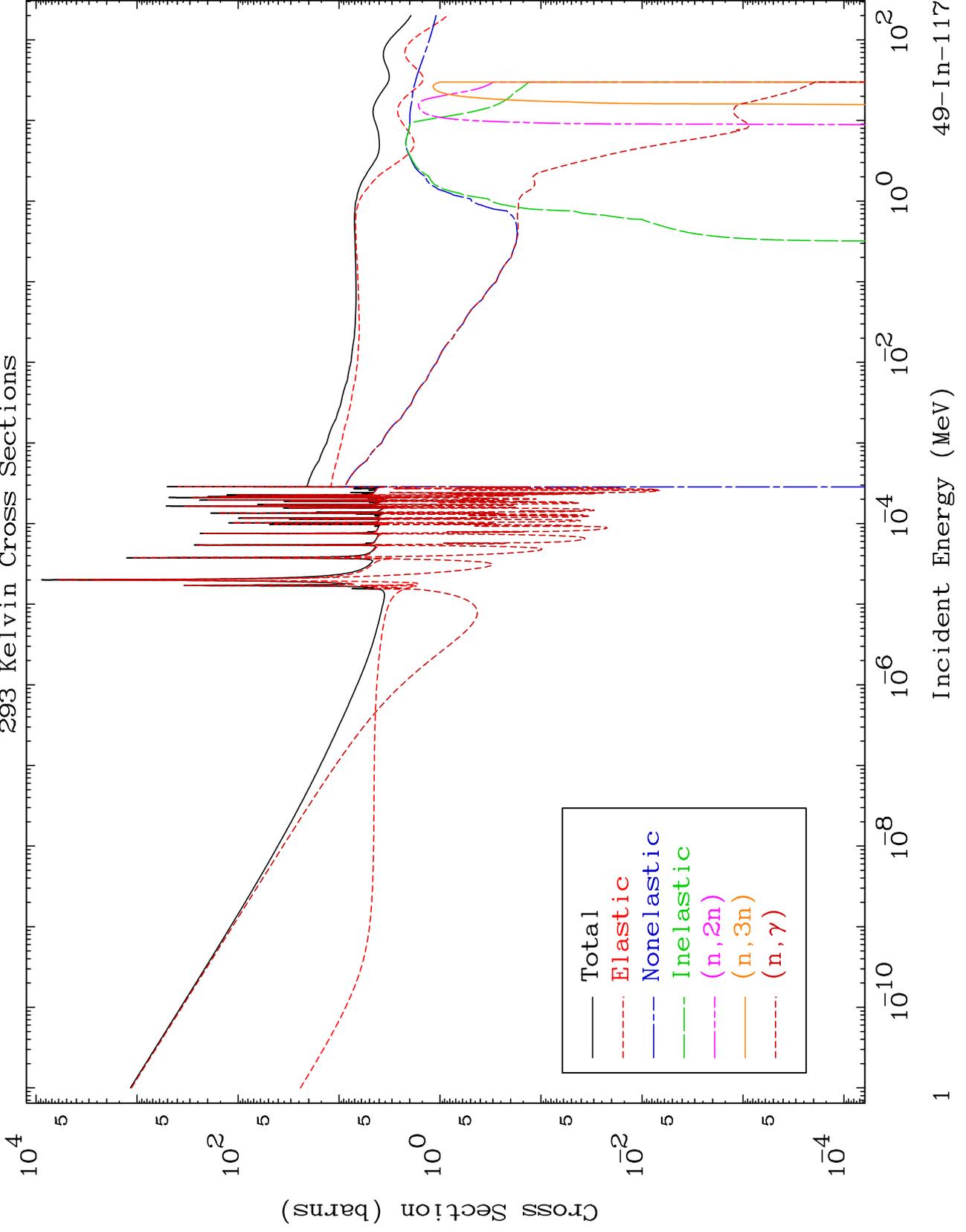
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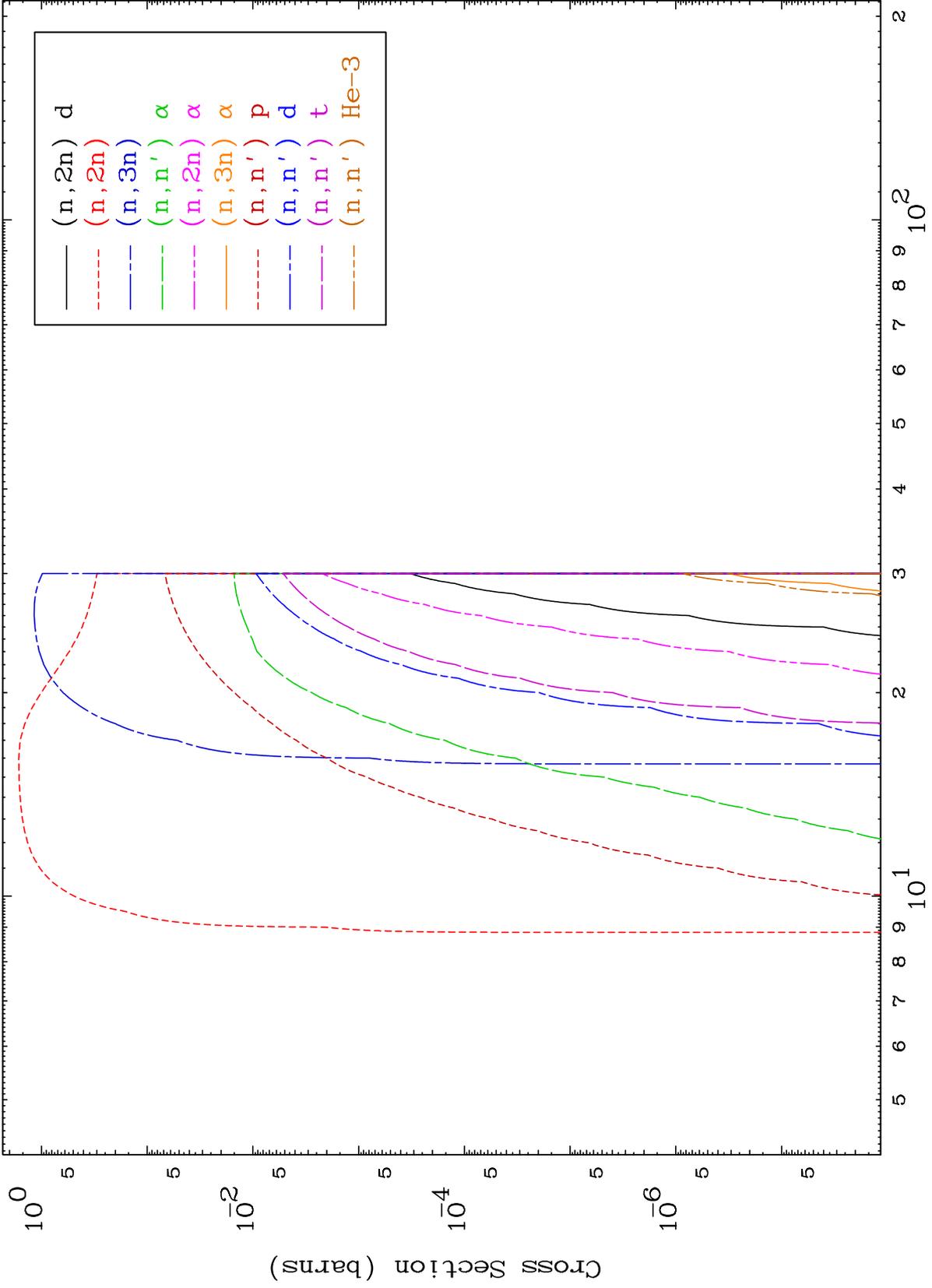
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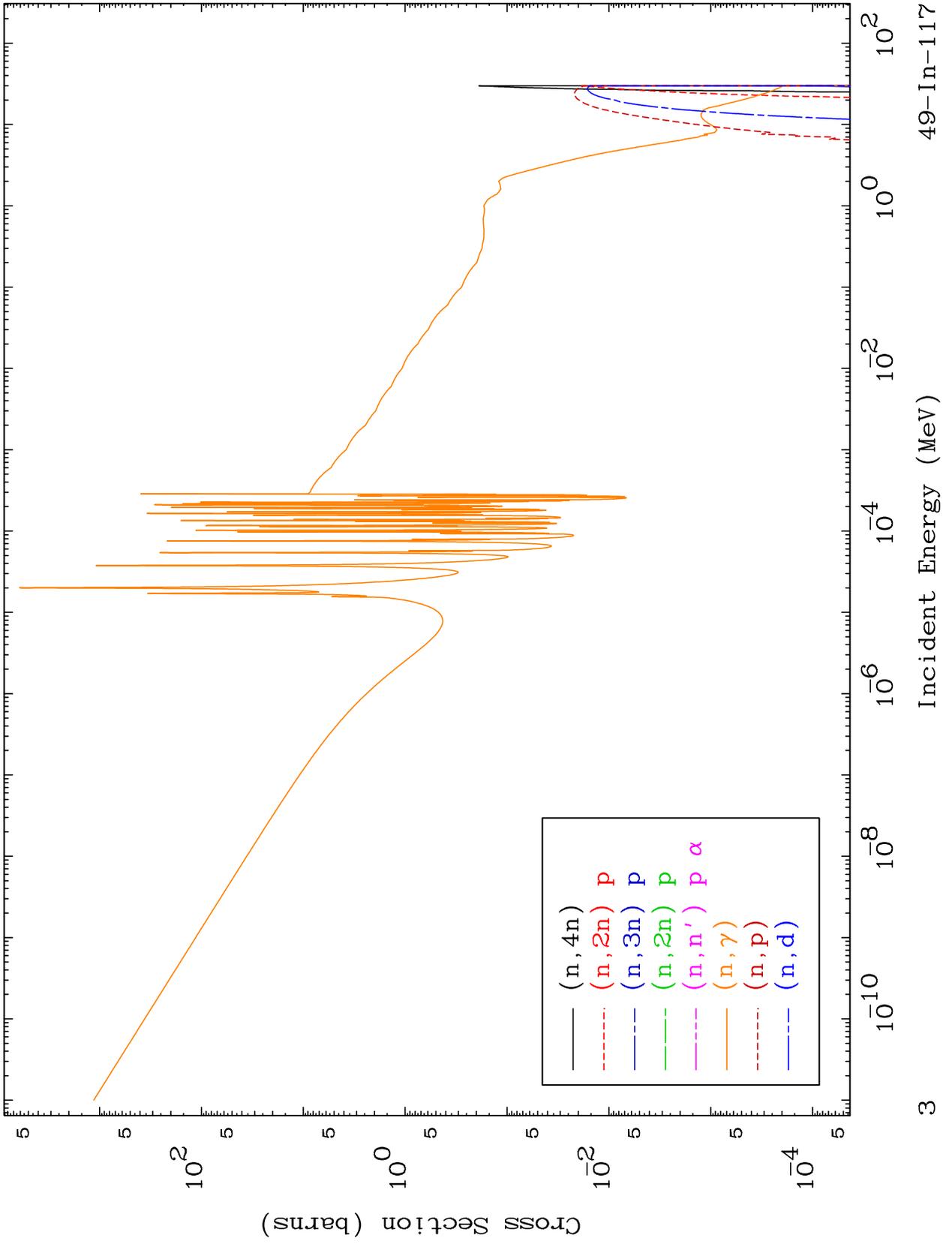
MAT 4937

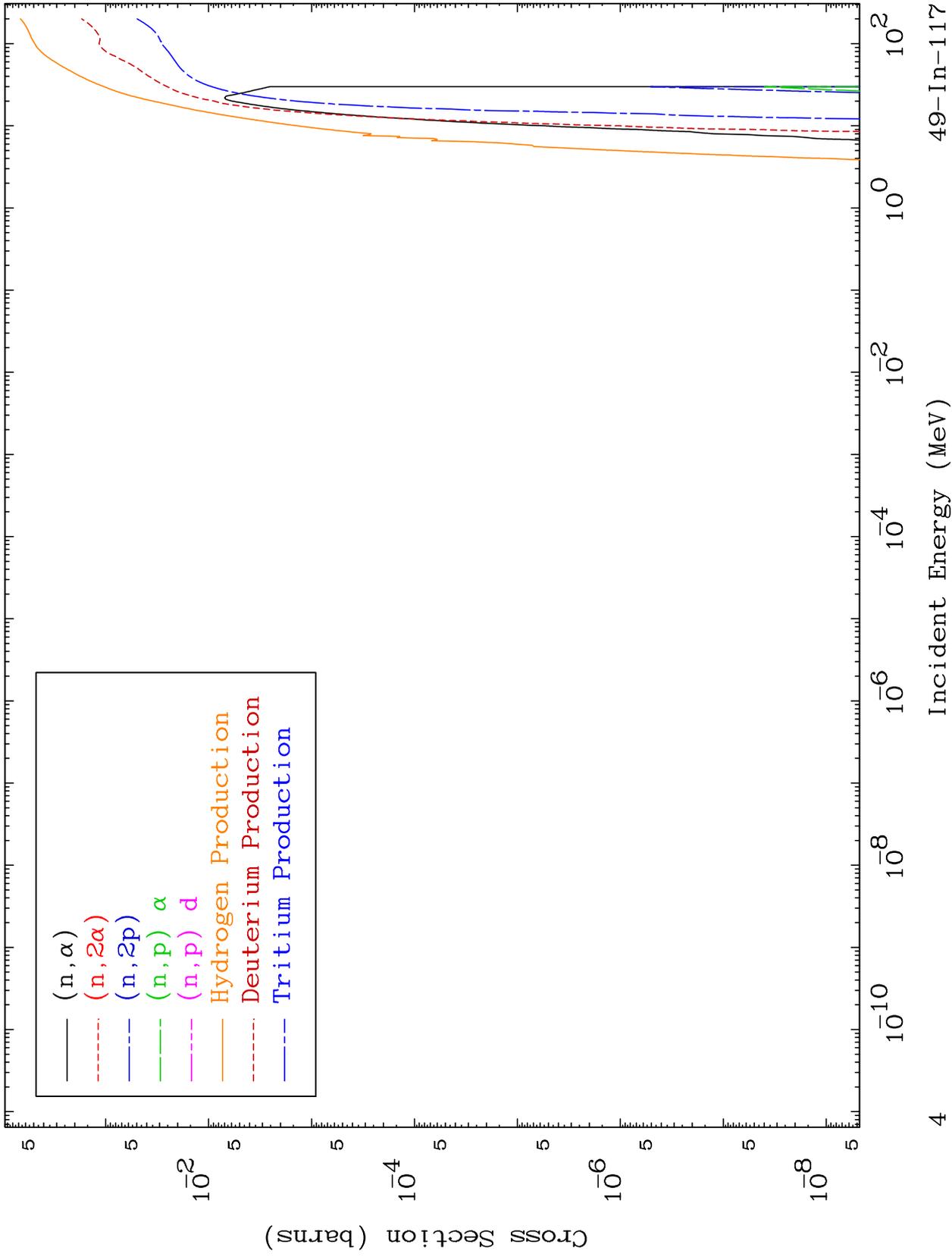
Neutron Major  
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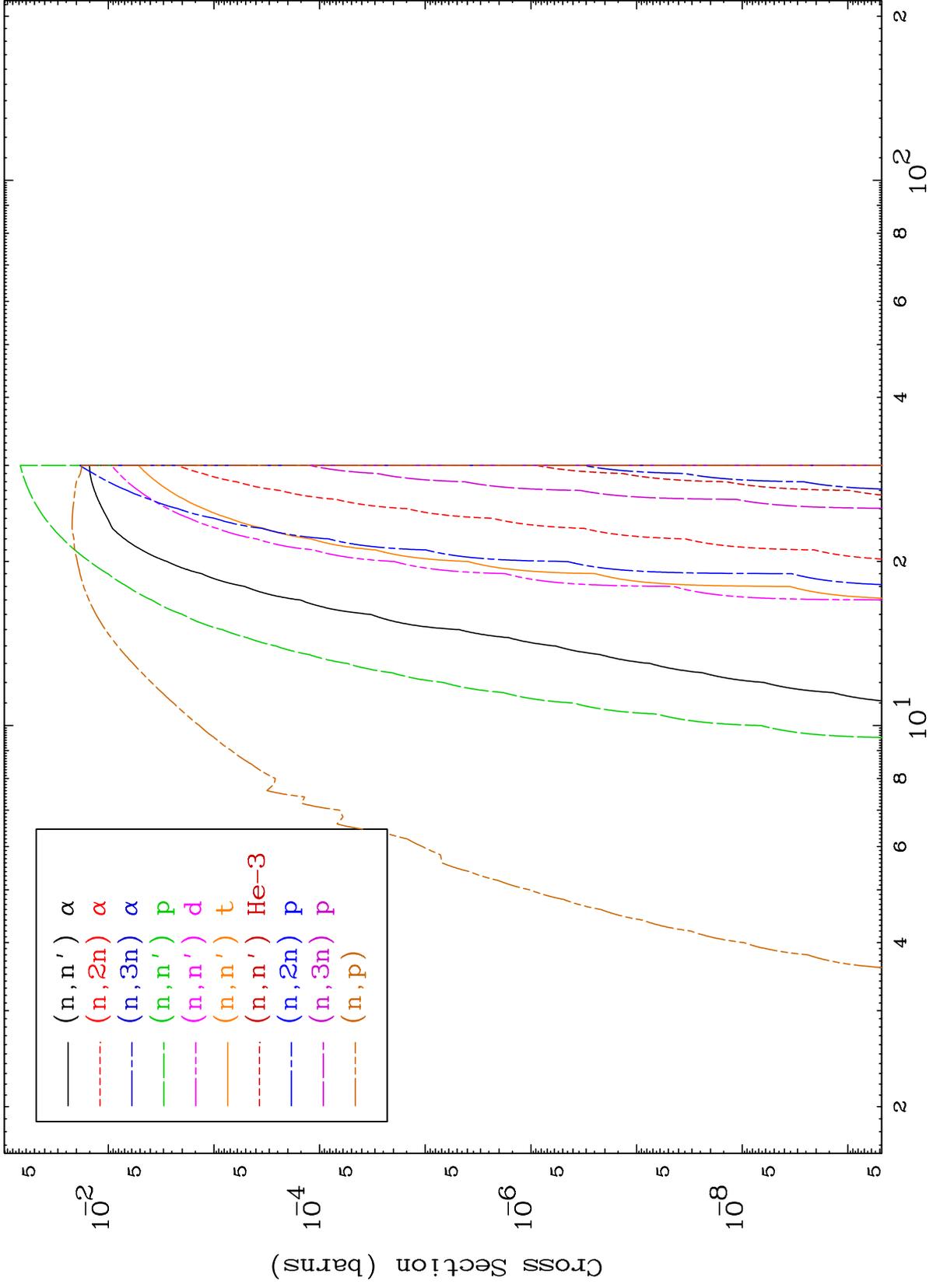
49-In-117







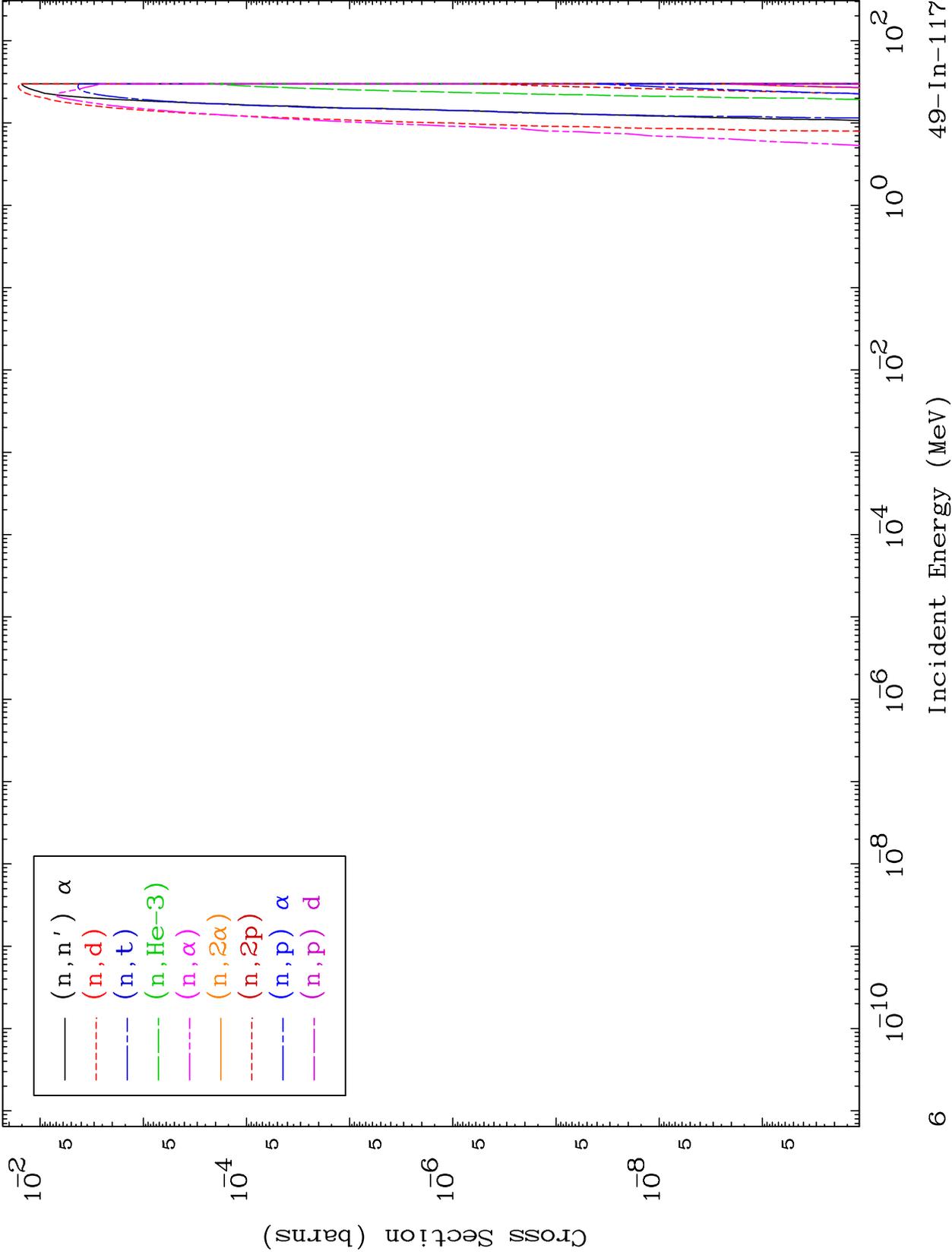




MAT 4937

Charged Particle  
293 Kelvin Cross Sections

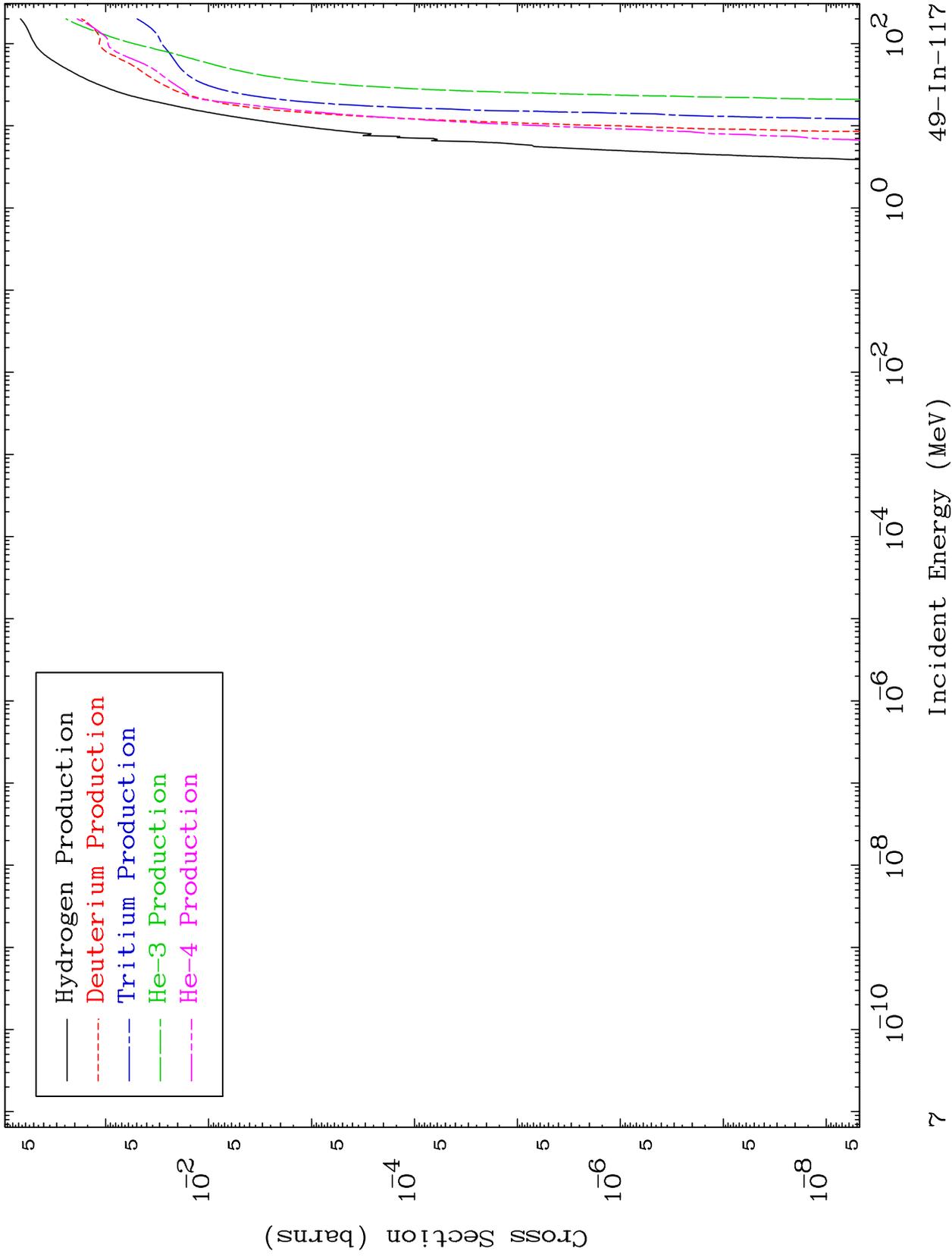
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MAT 4937

Particle Production  
293 Kelvin Cross Sections

49-In-117

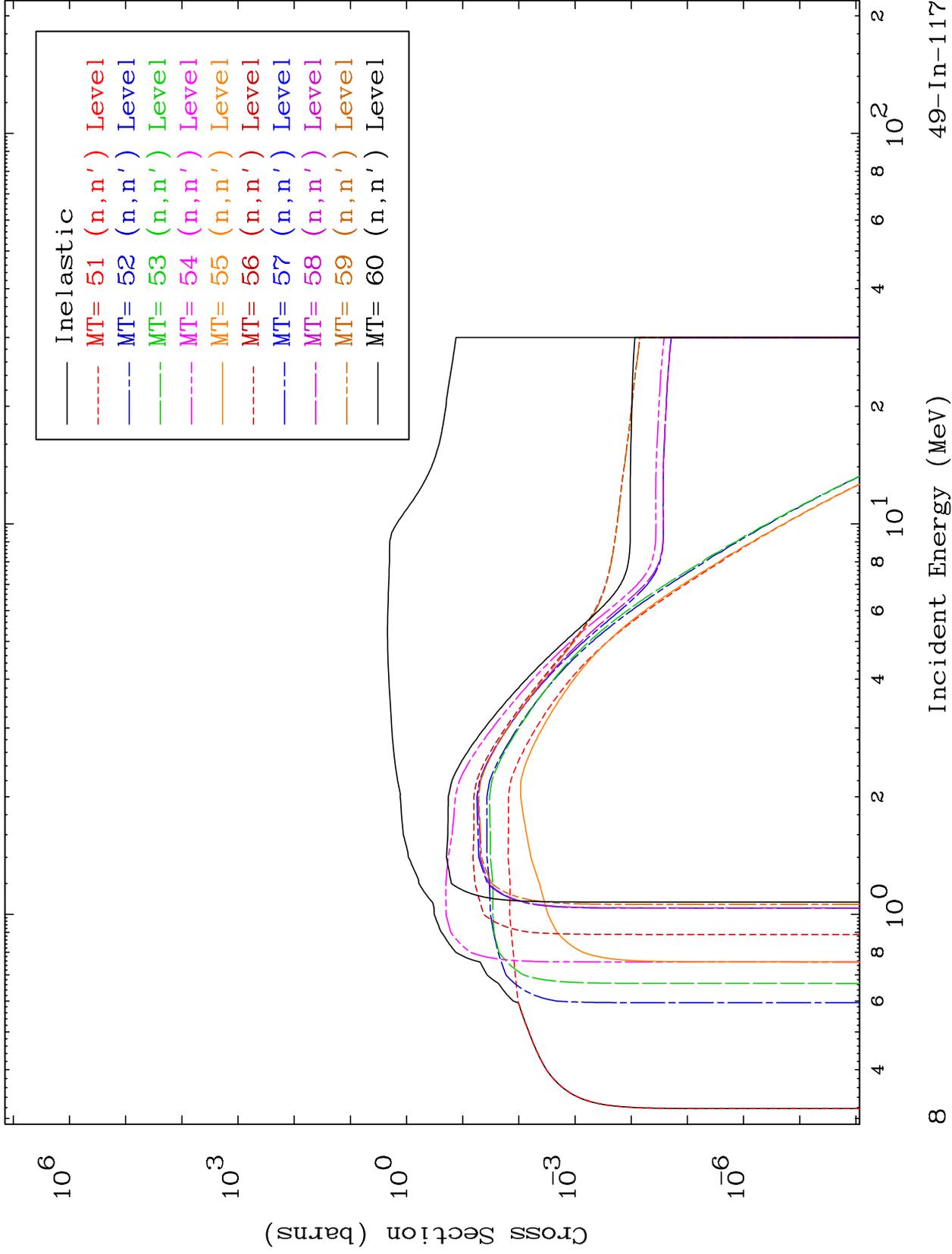


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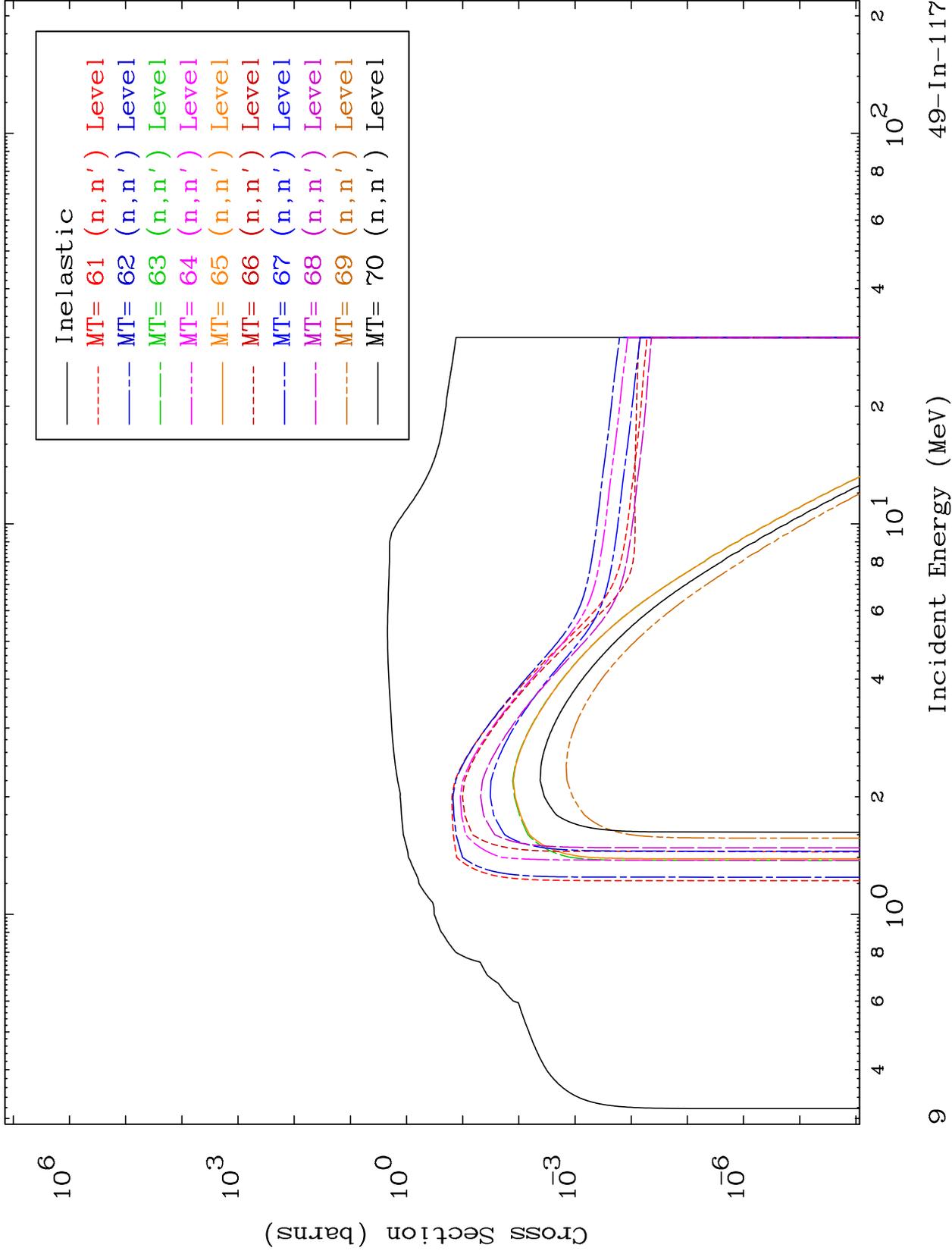
(n,n') Levels

49-In-117

293 Kelvin Cross Sections



293 Kelvin Cross Sections

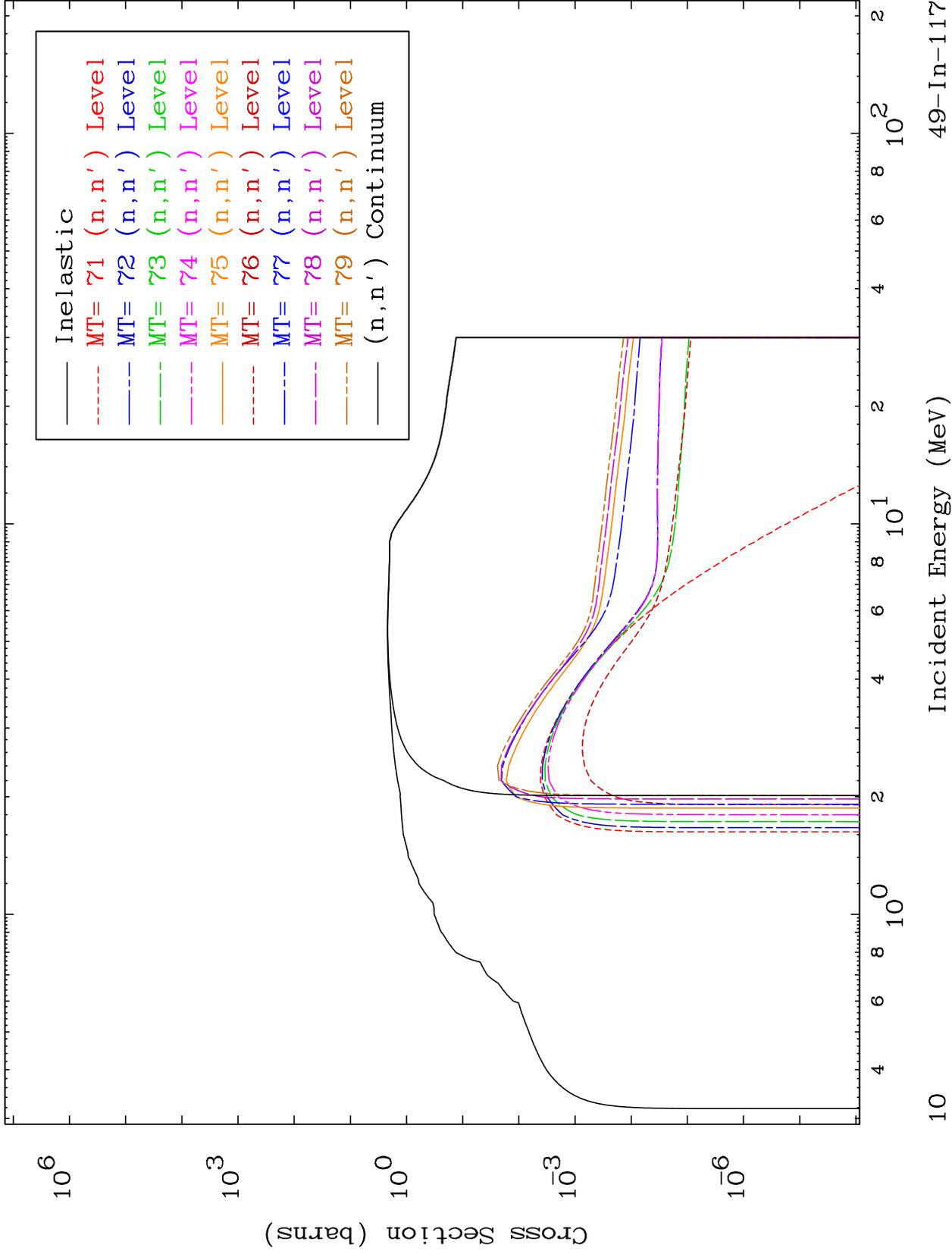


MAT 4937

(n,n') Levels

49-In-117

293 Kelvin Cross Sections



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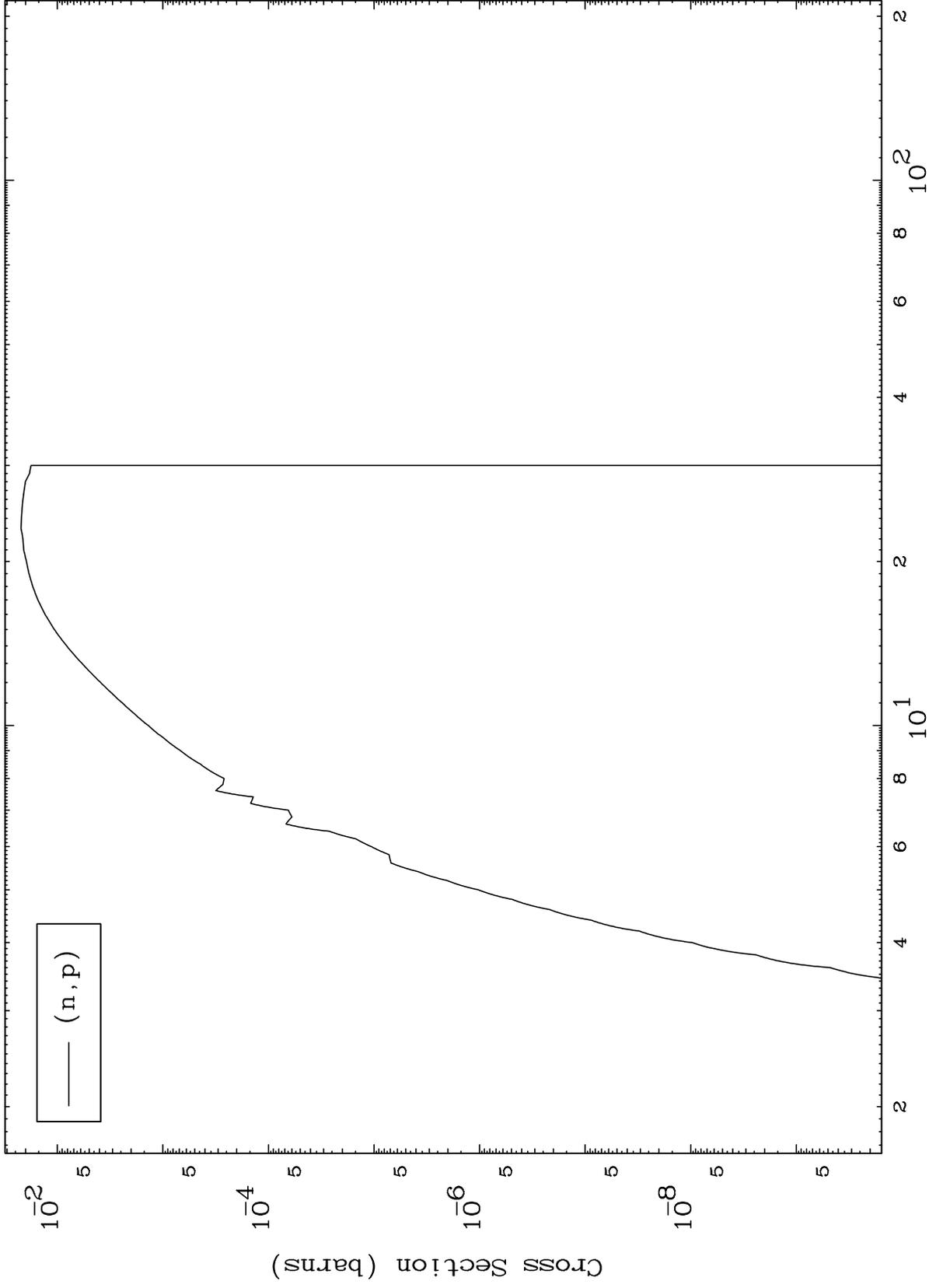
Incident Energy (MeV)

49-In-117

MAT 4937

(n,p) Levels  
293 Kelvin Cross Sections

49-In-117



11

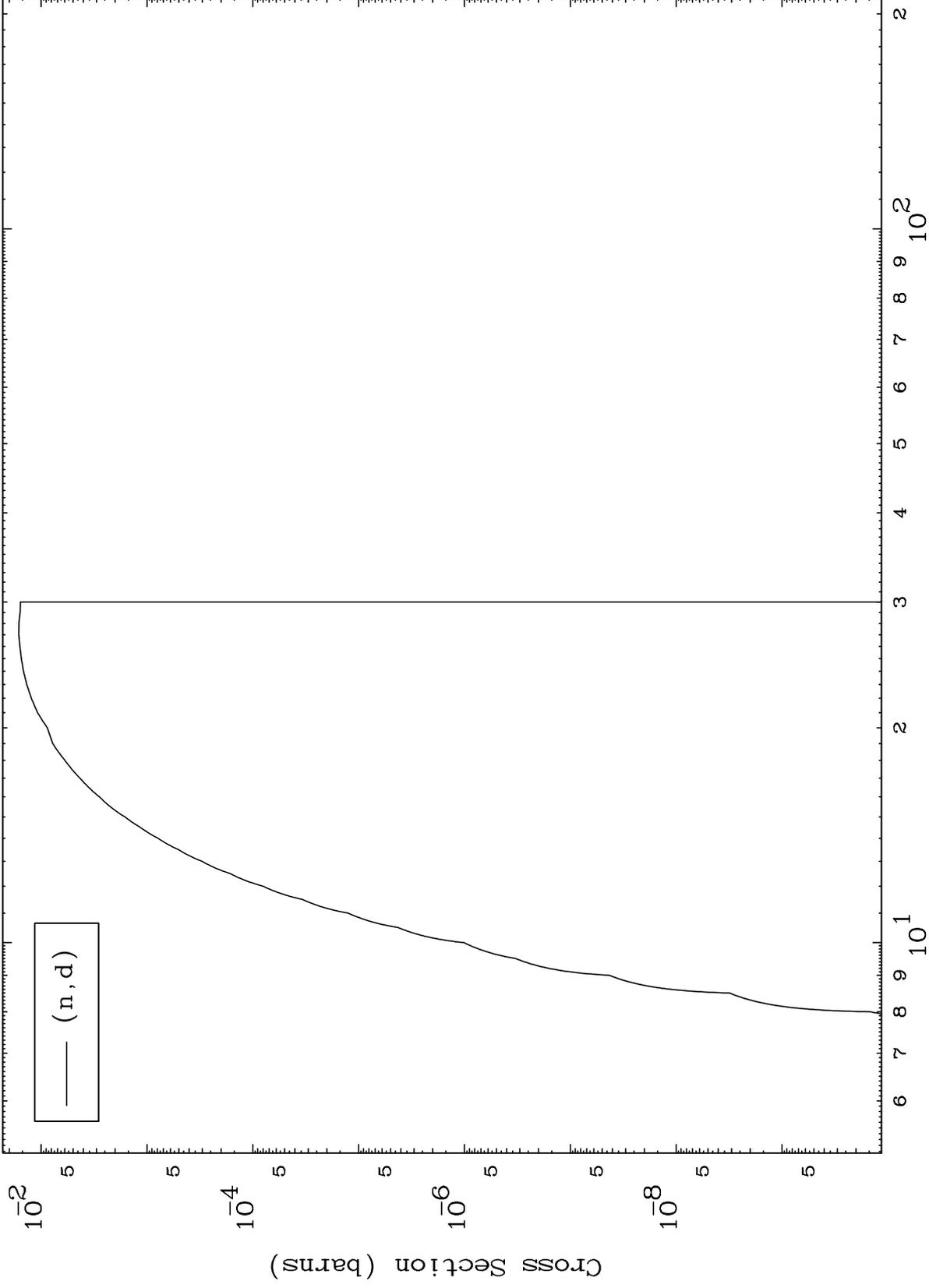
Incident Energy (MeV)

49-In-117

MAT 4937

(n,d) Levels  
293 Kelvin Cross Sections

49-In-117



12

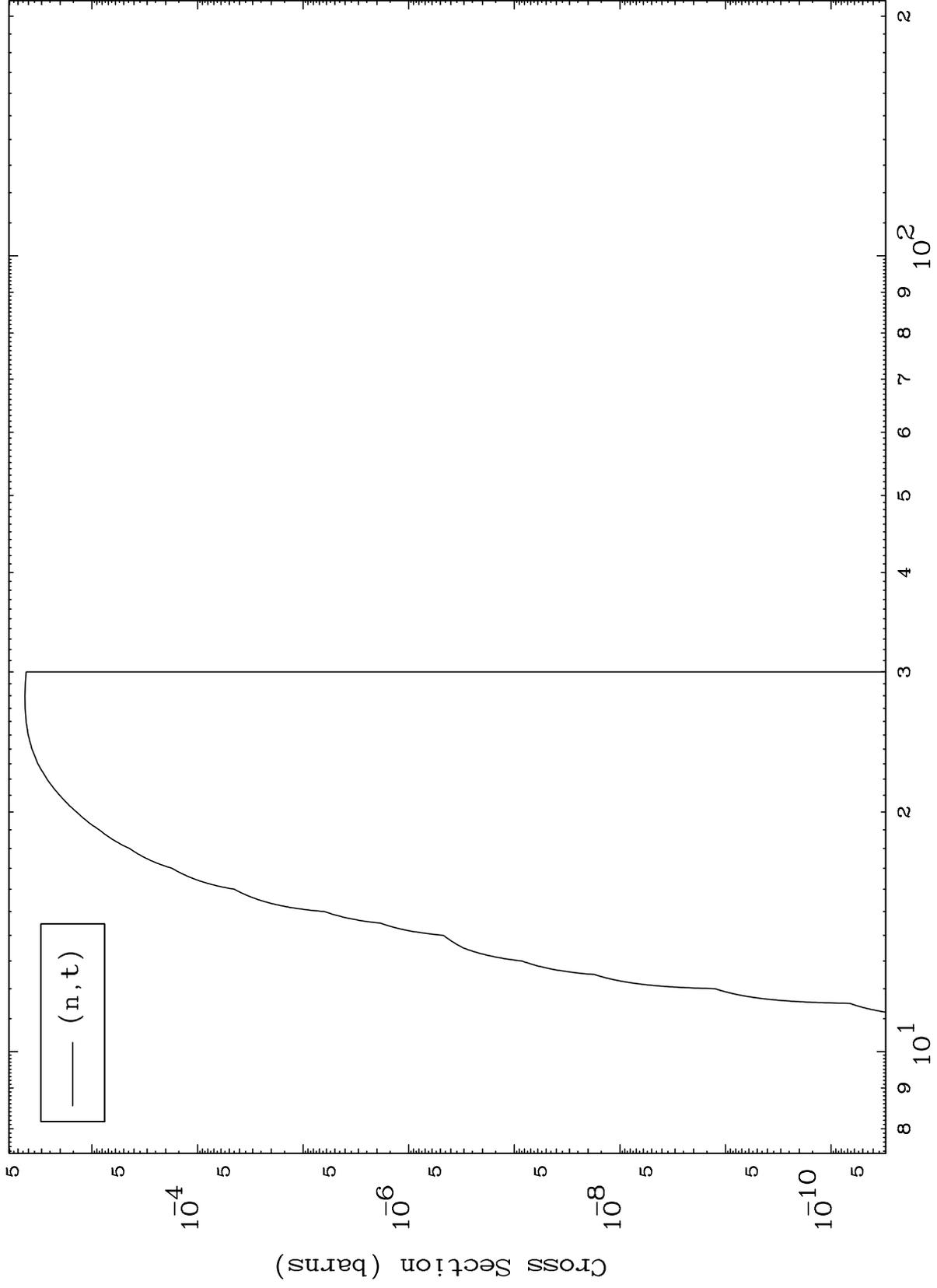
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49-In-117

MAT 4937

(n,t) Levels  
293 Kelvin Cross Sections

49-In-117



13

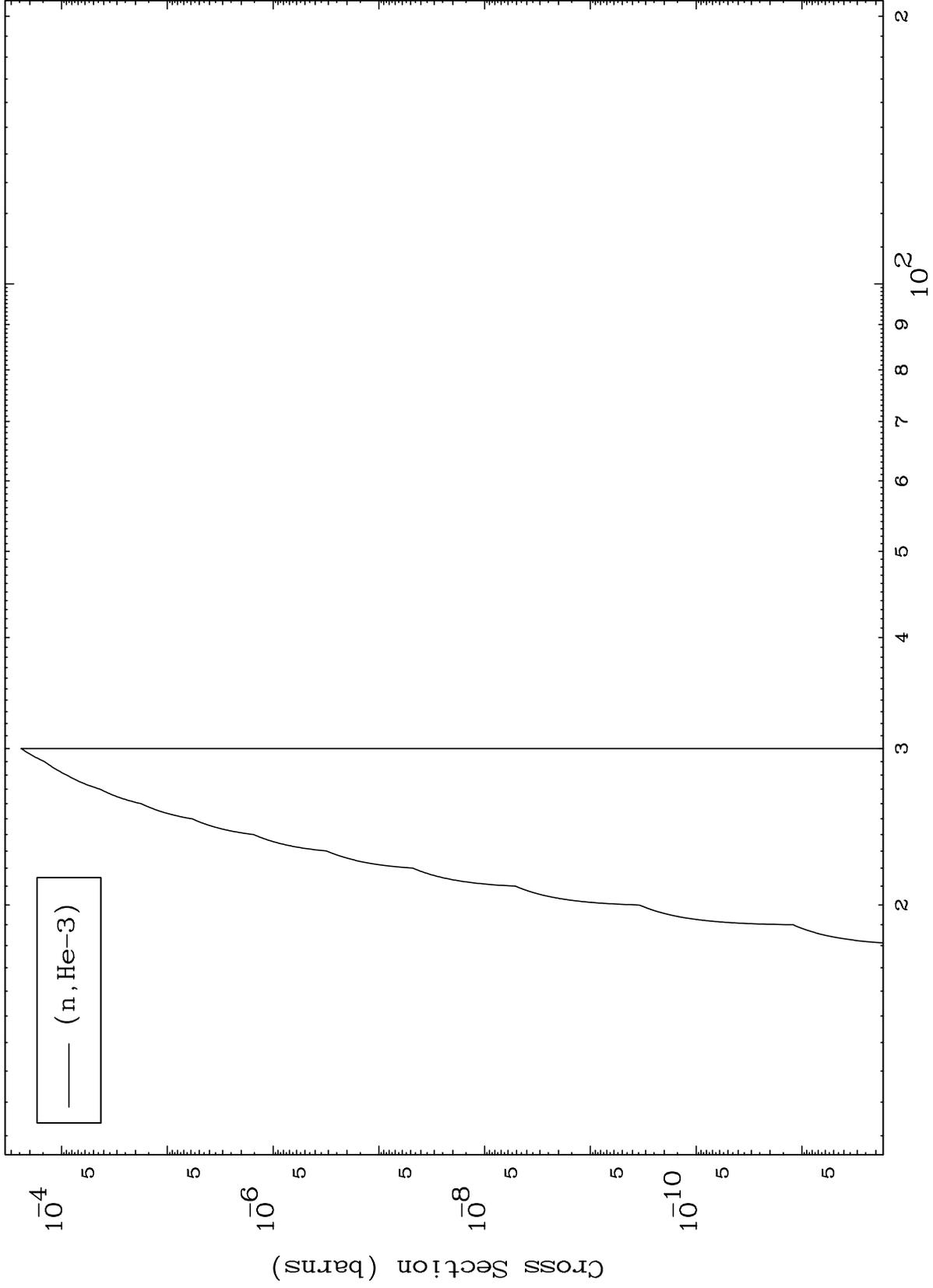
Incident Energy (MeV)

49-In-117

MAT 4937

(n,He3) Levels  
293 Kelvin Cross Sections

49-In-117



14

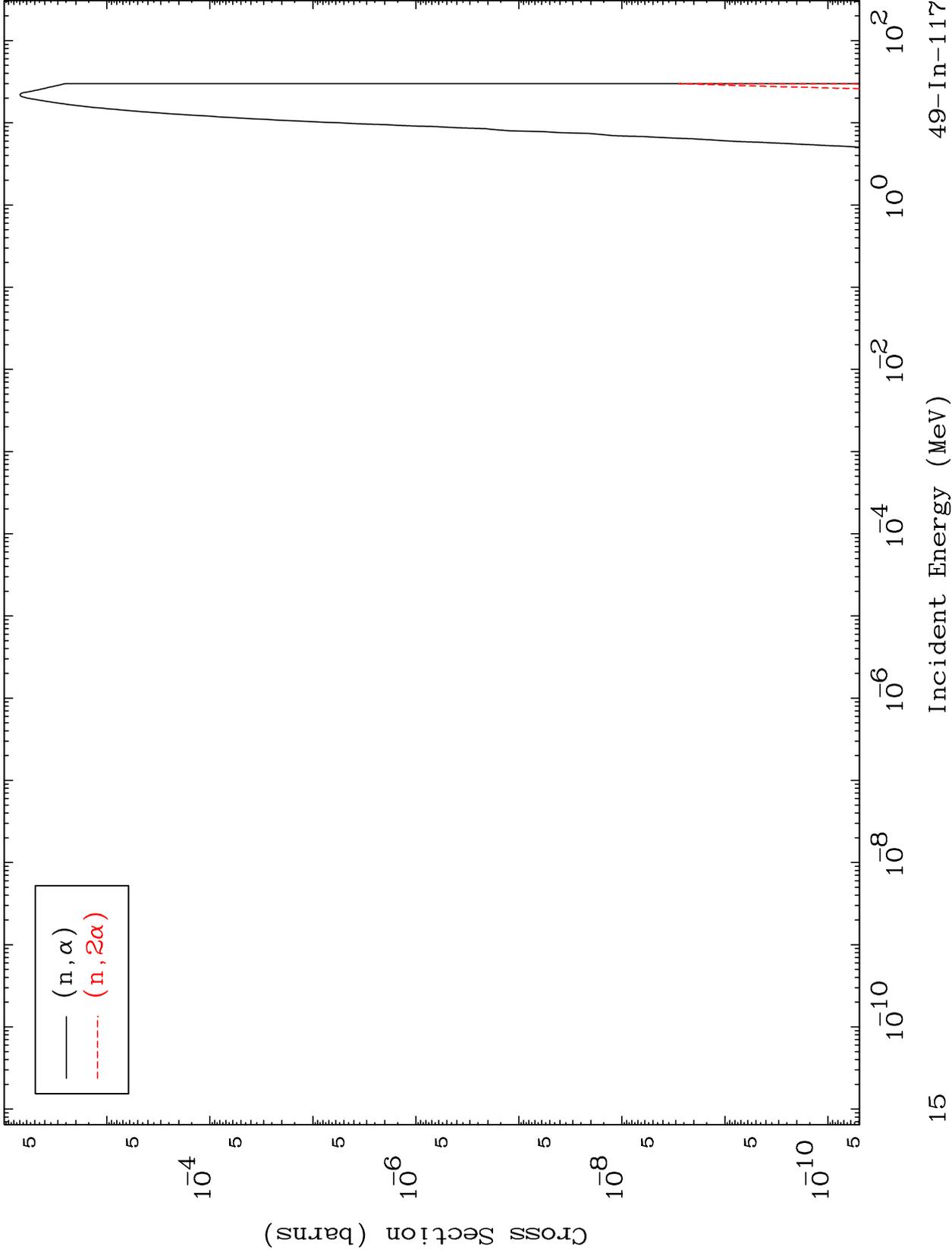
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49-In-117

MAT 4937

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

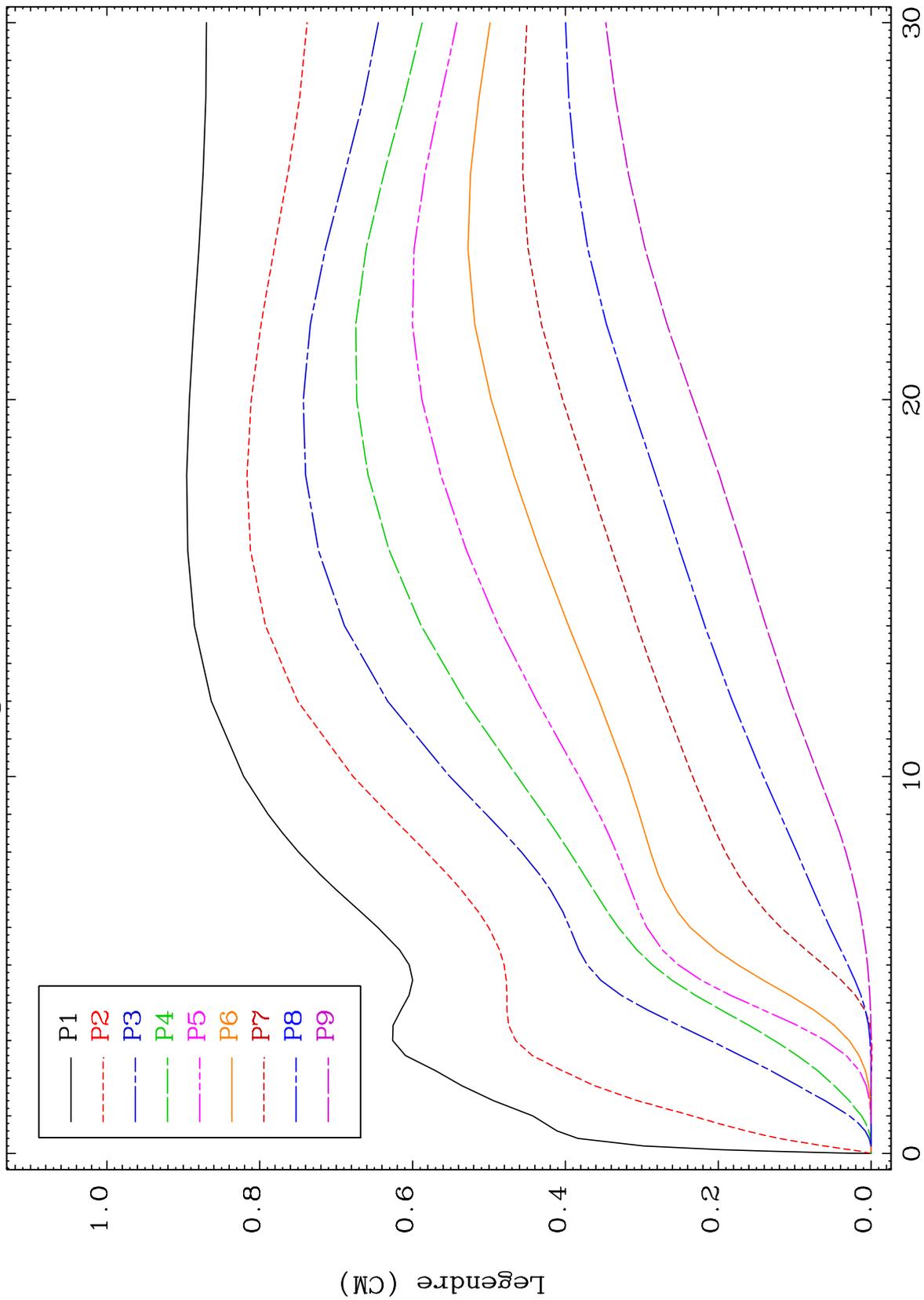
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MAT 4937

Elastic Legendre Coefficients

49-In-117



16

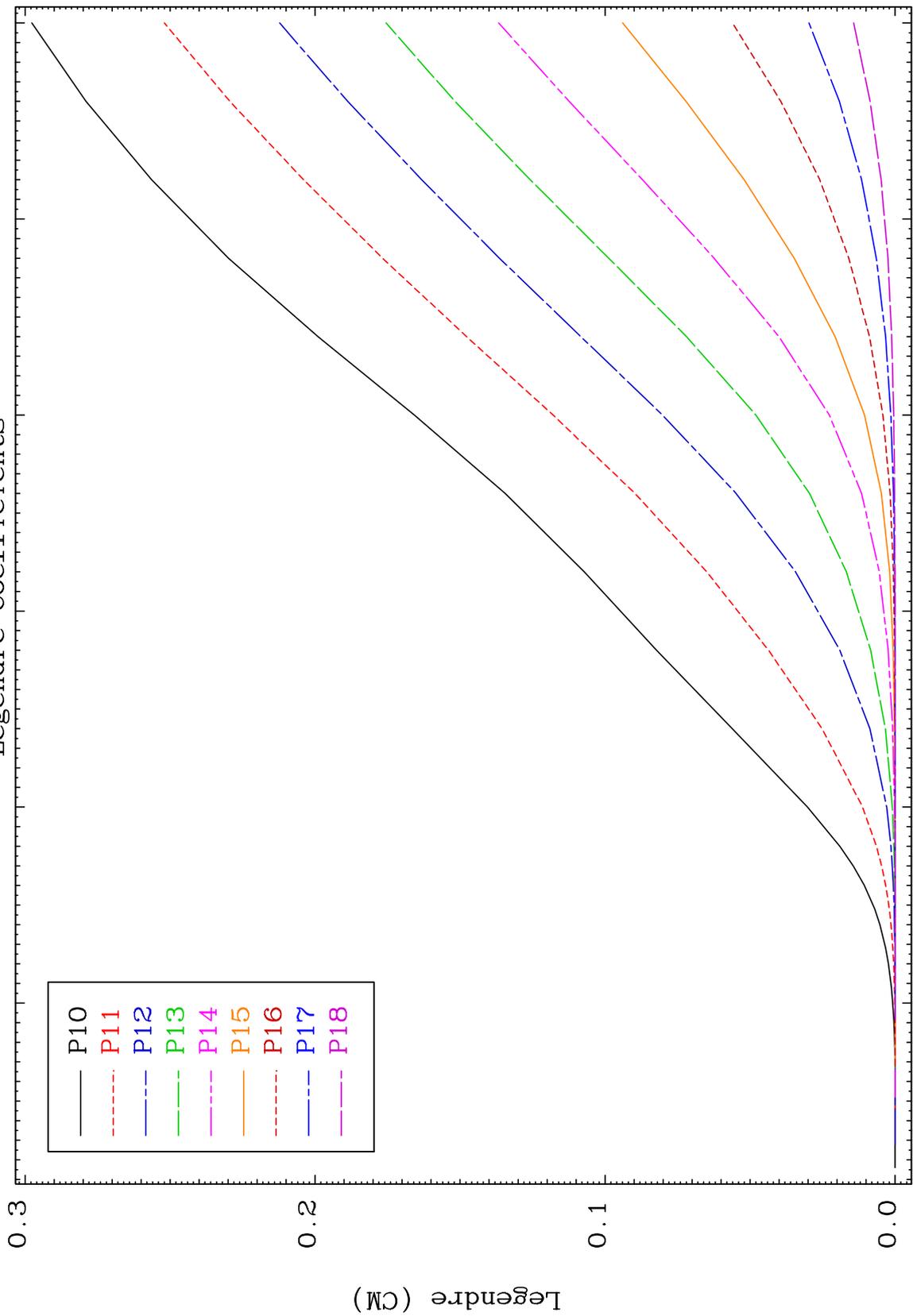
Incident Energy (MeV)

49-In-117

MAT 4937

Elastic Legendre Coefficients

49-In-117



17

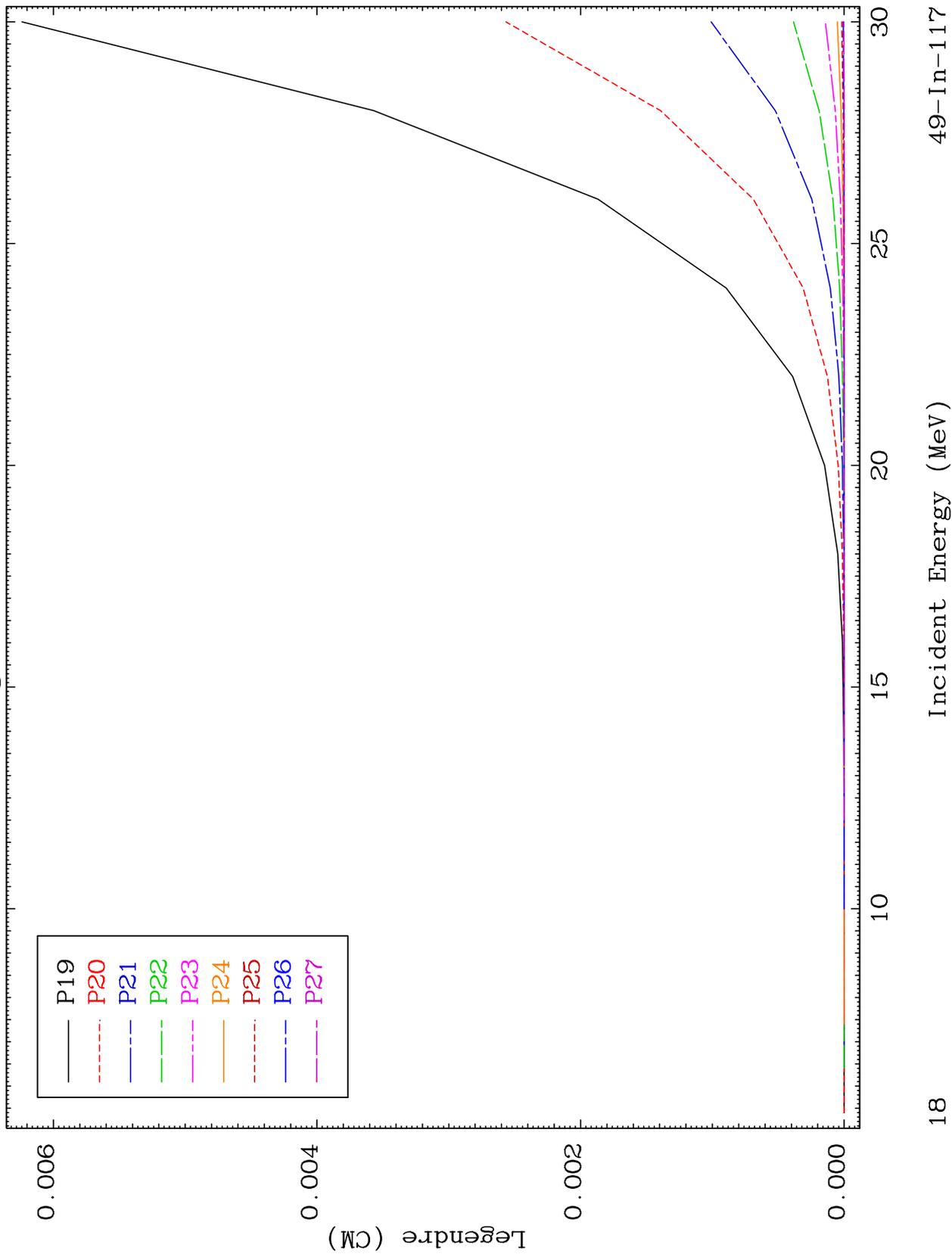
Incident Energy (MeV)

49-In-117

MAT 4937

### Elastic Legendre Coefficients

49-In-117



18

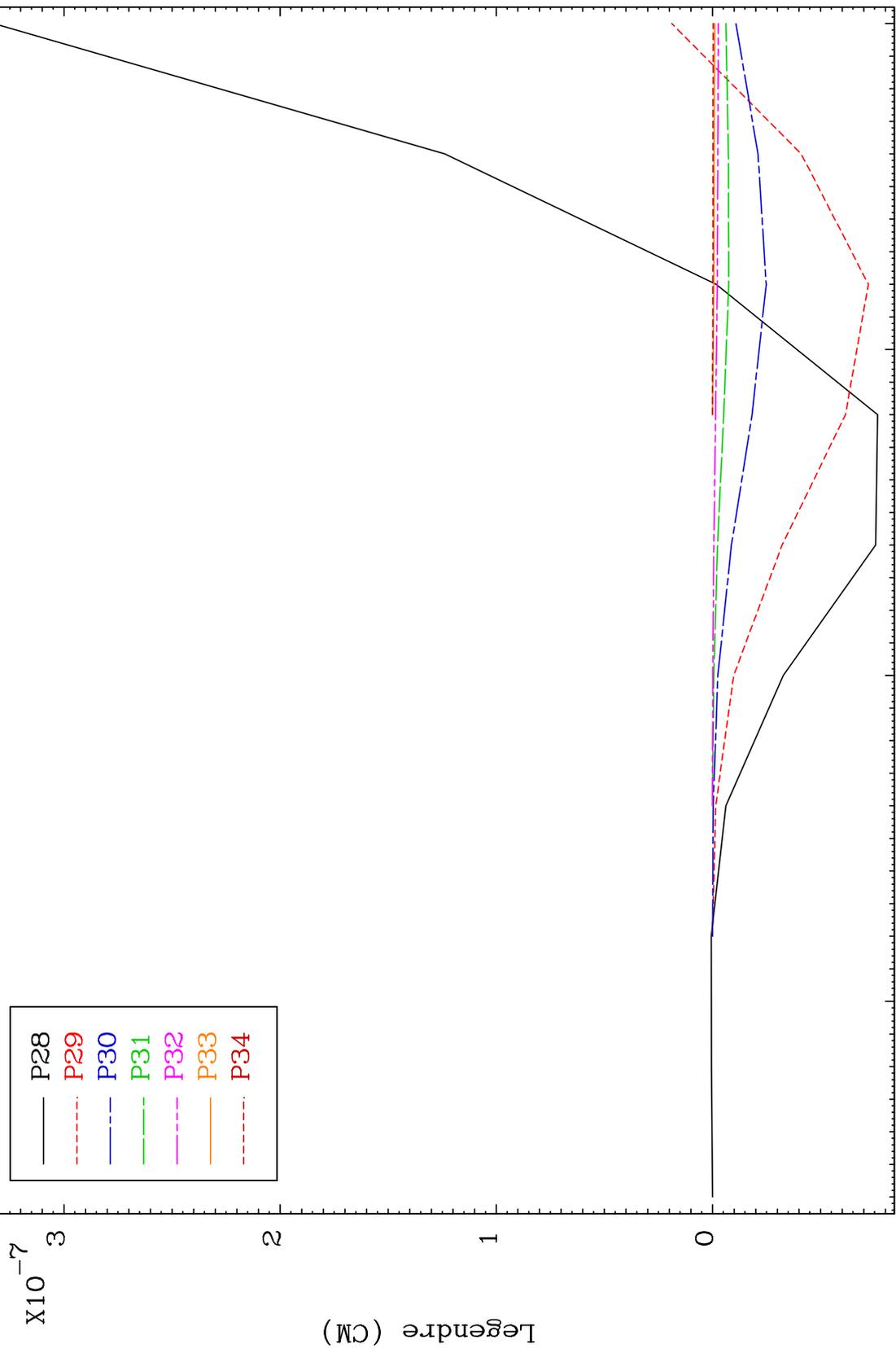
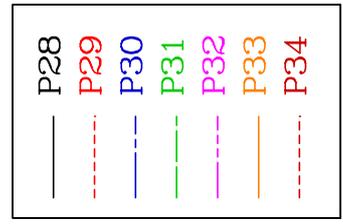
Incident Energy (MeV)

49-In-117

MAT 4937

Elastic Legendre Coefficients

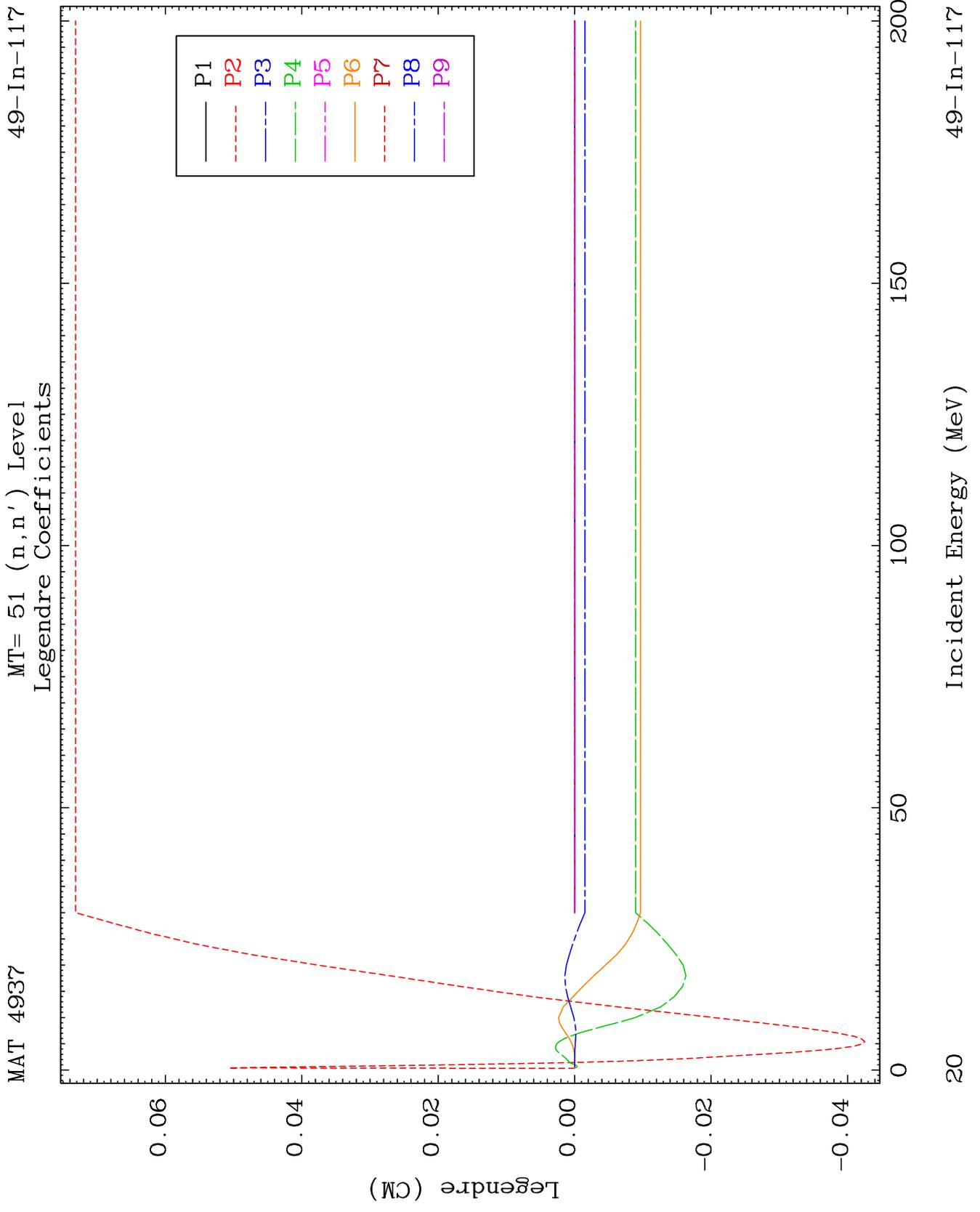
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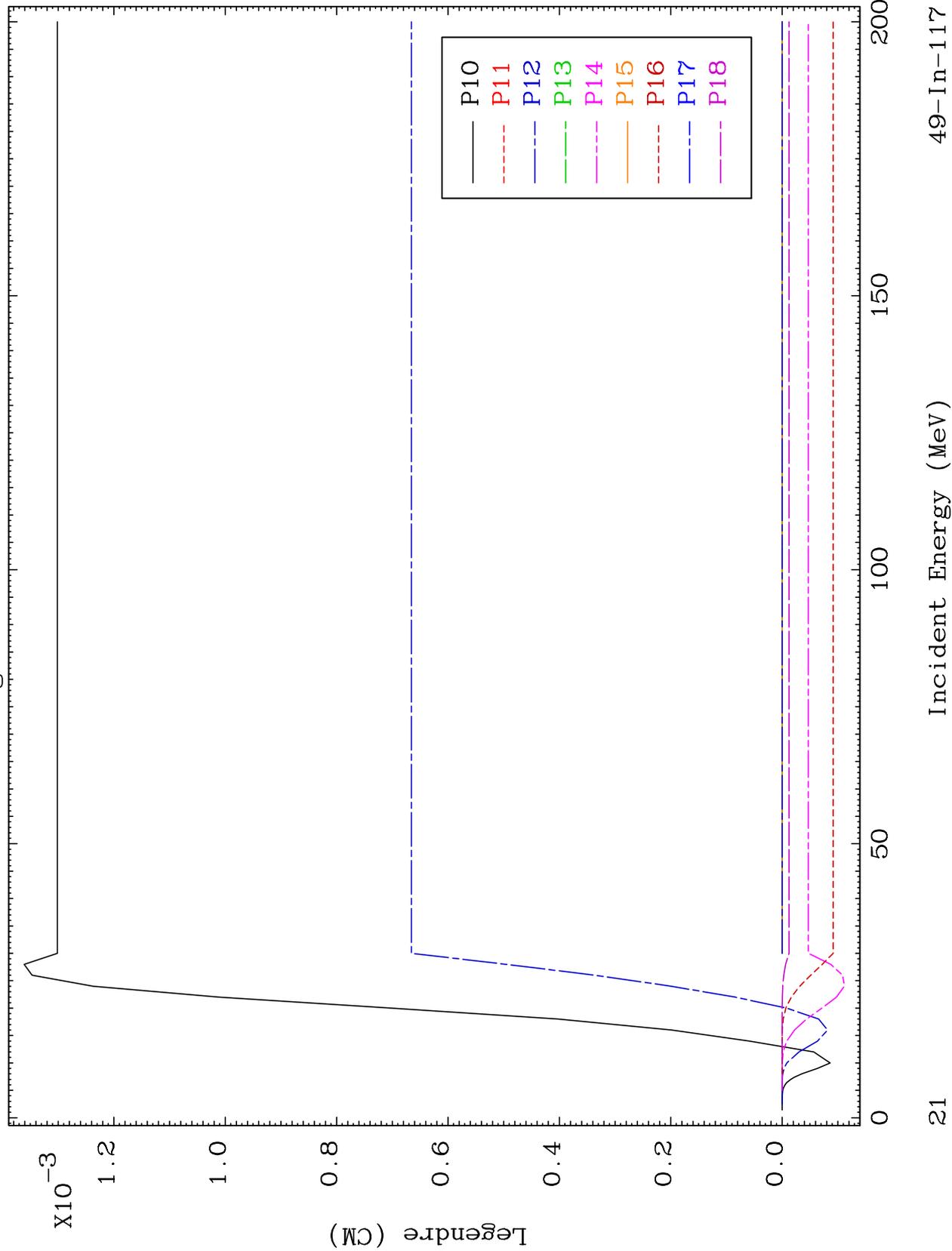


19

Incident Energy (MeV)

49-In-117

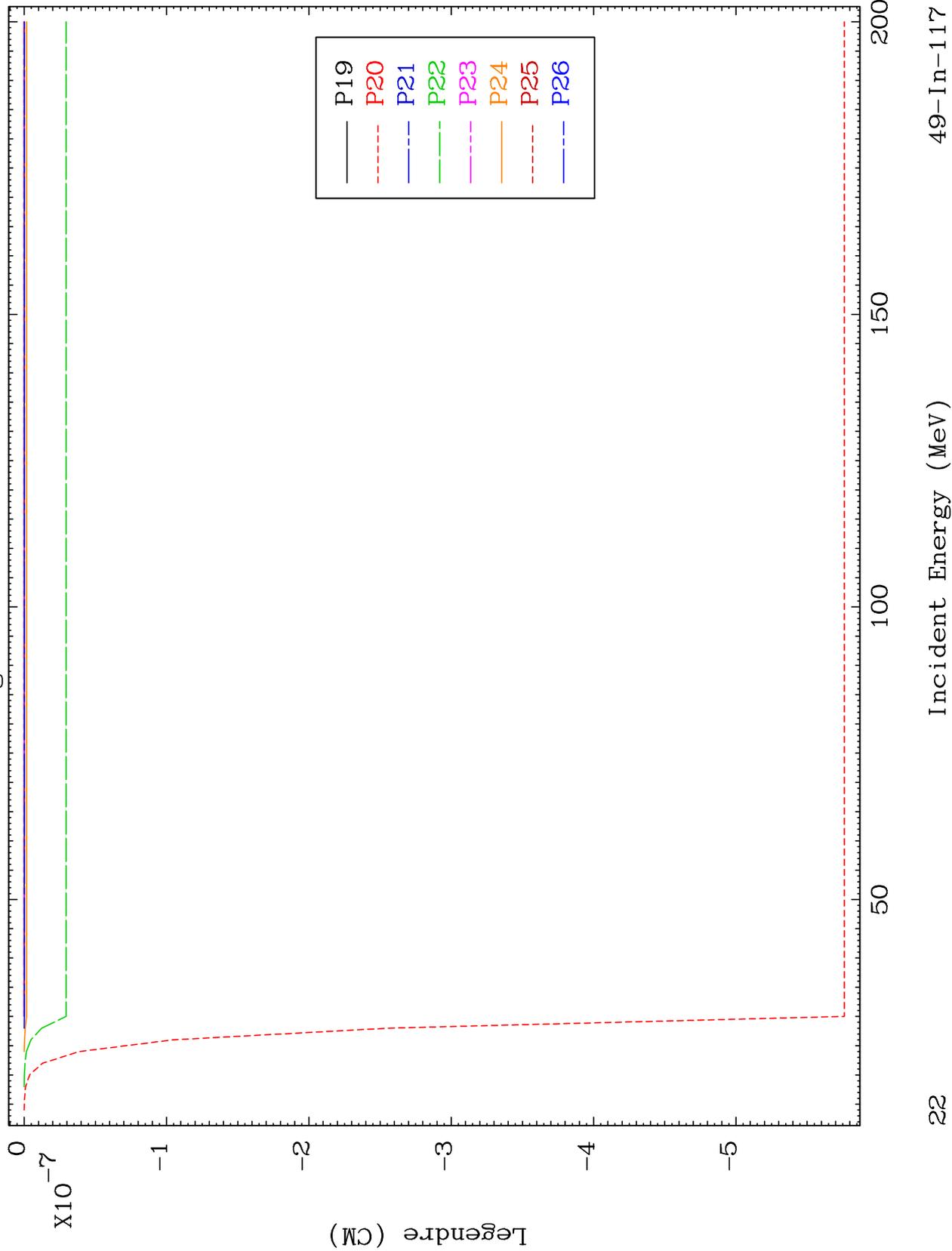




MAT 4937

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

49-In-117



22

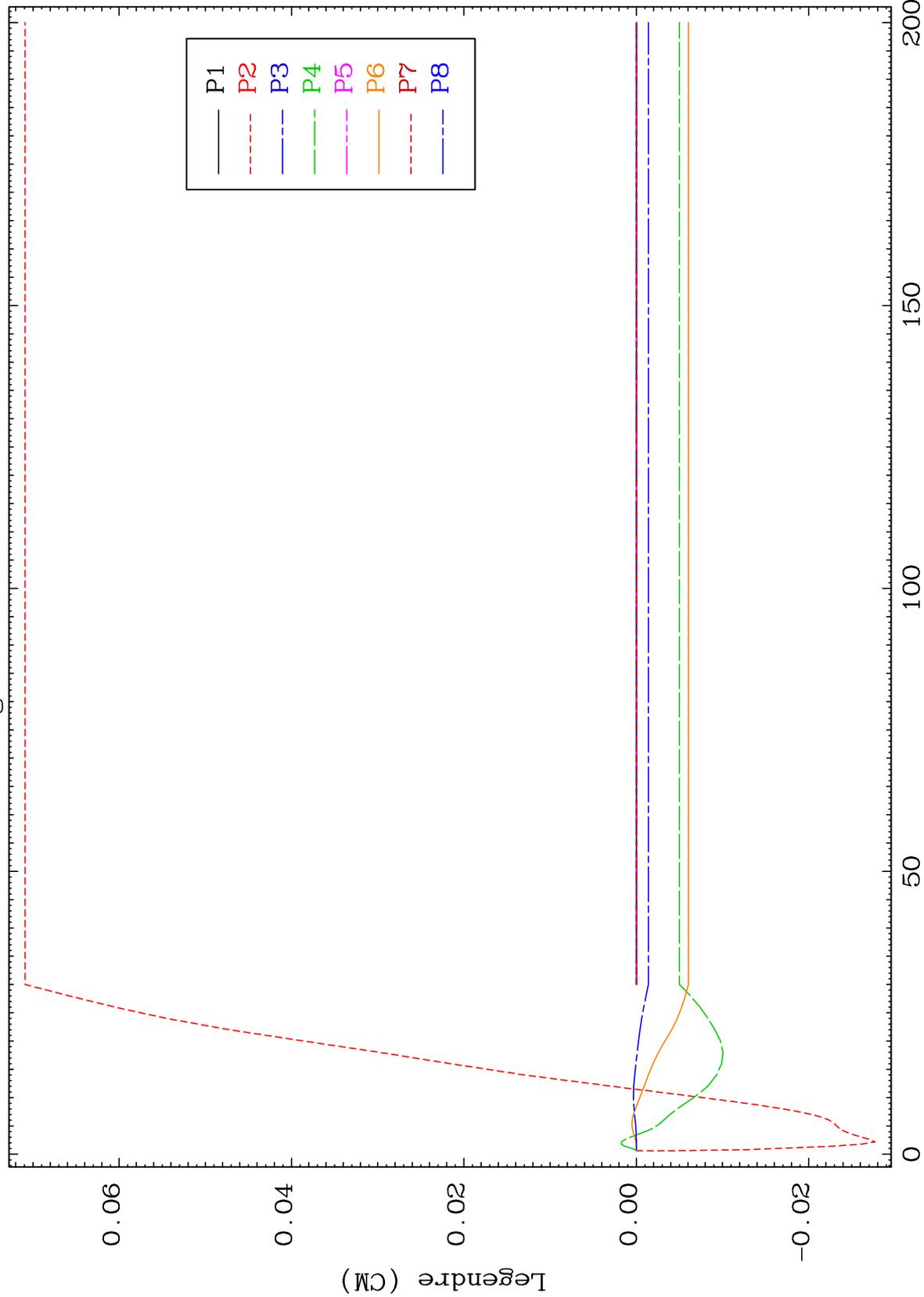
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



23

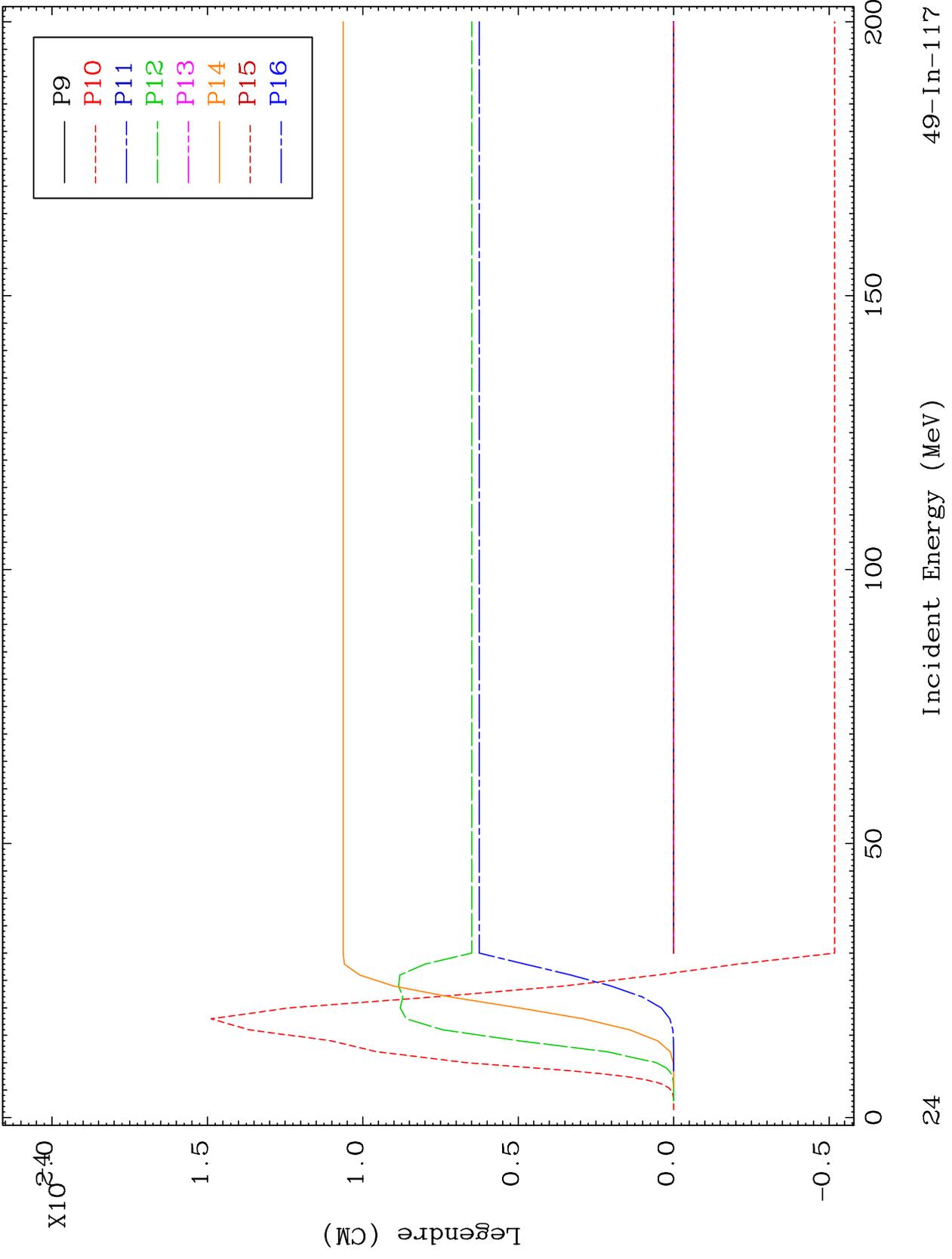
Incident Energy (MeV)

49-In-117

MAT 4937

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

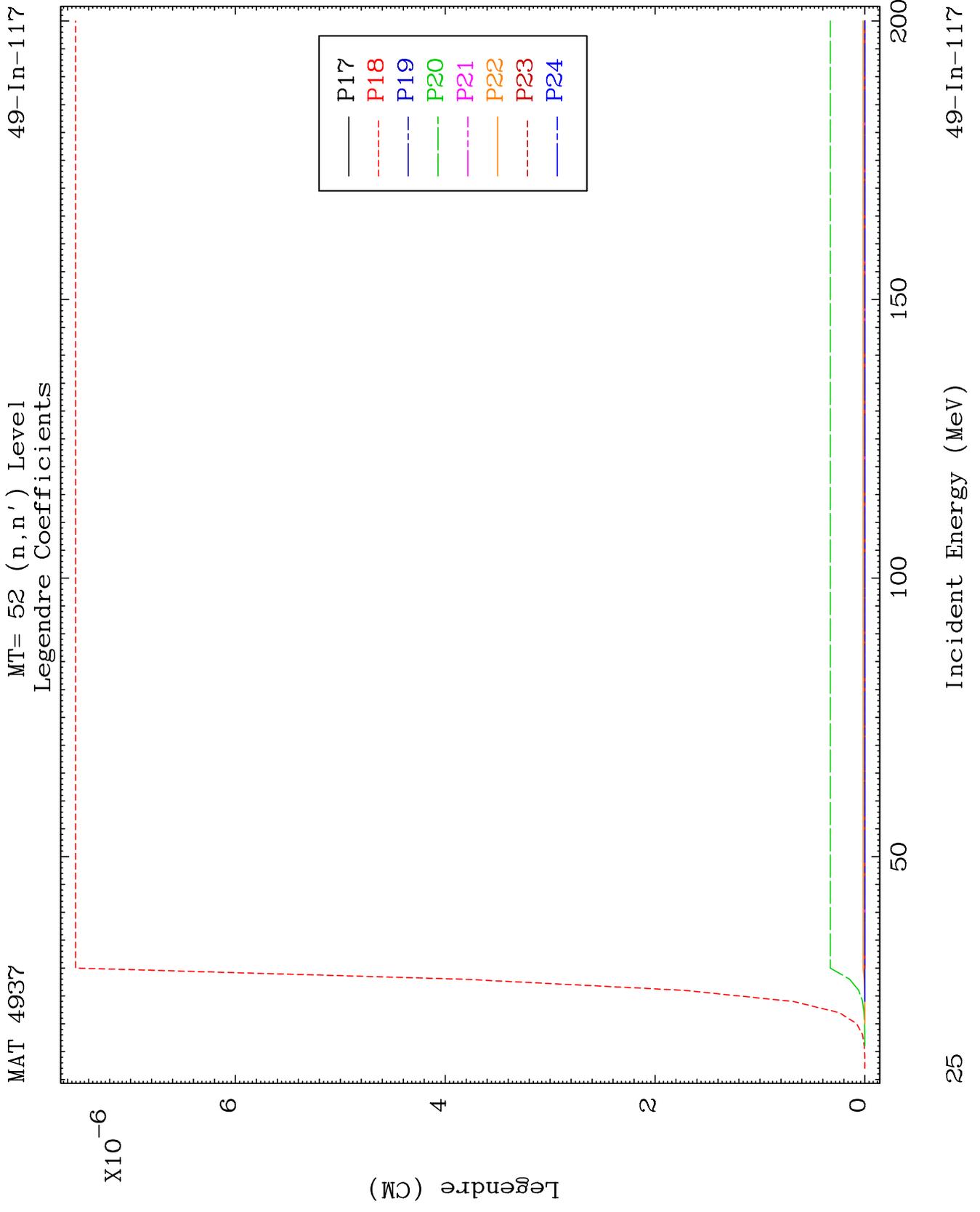
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49-In-117

Incident Energy (MeV)

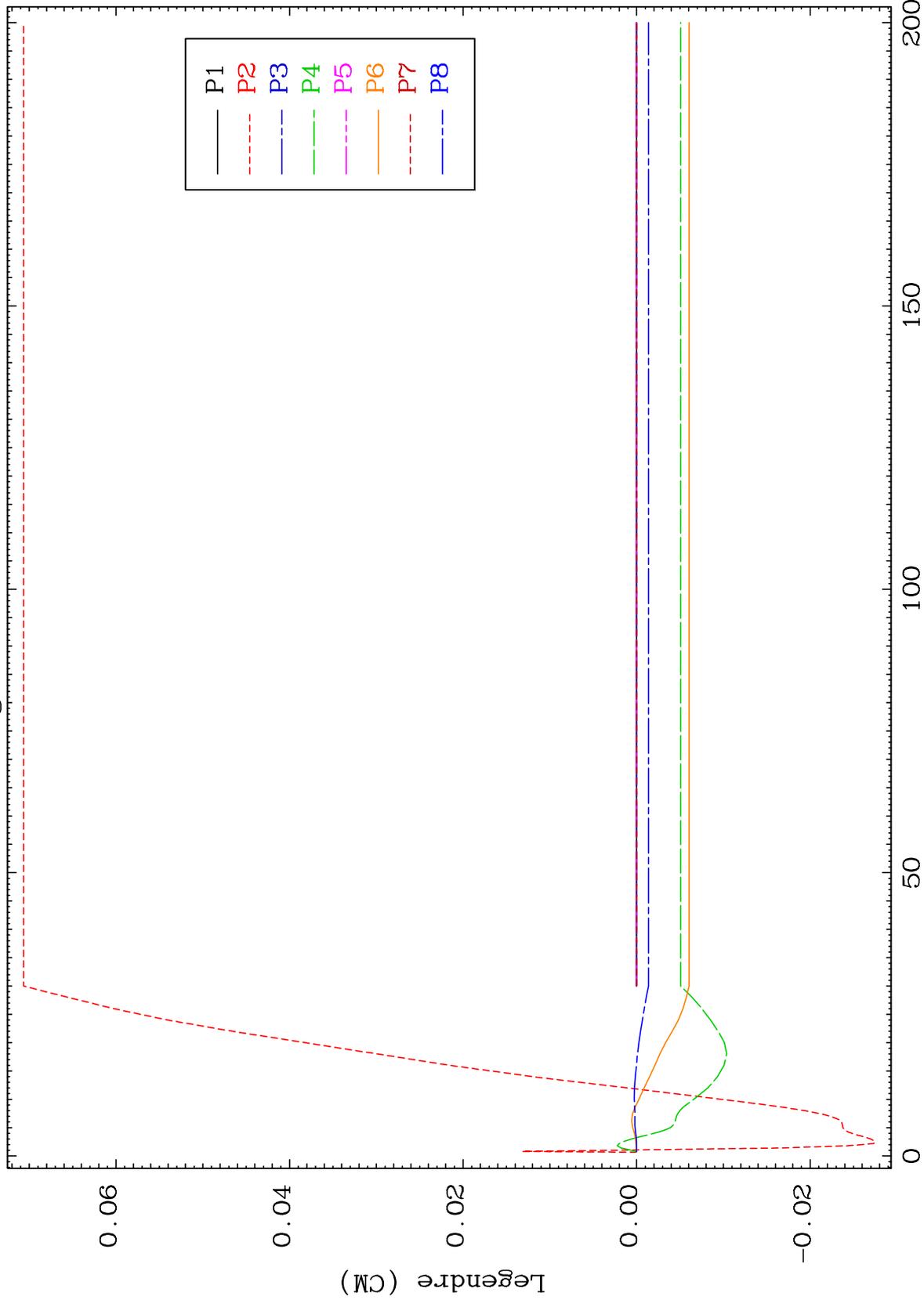
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MAT 4937

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

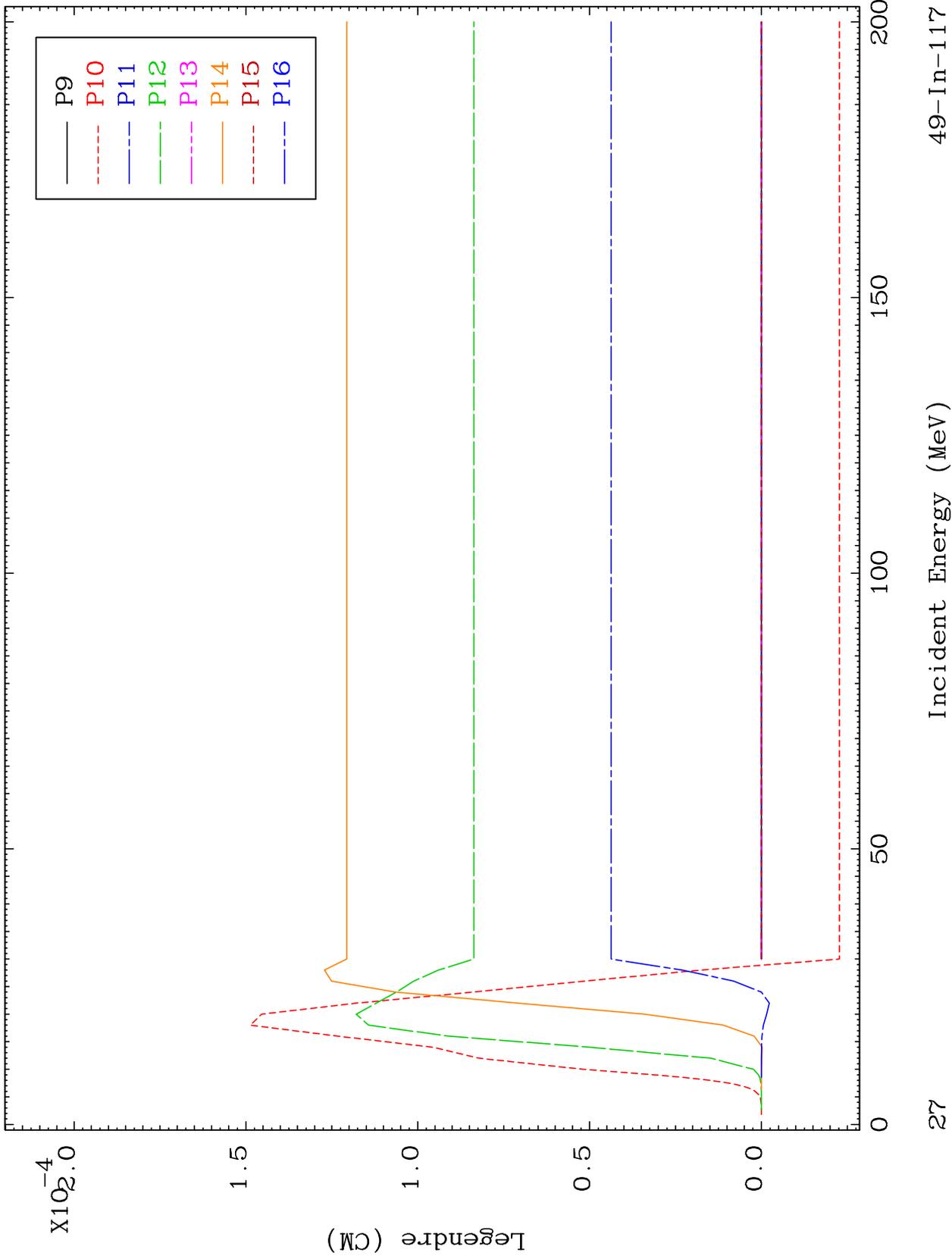
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26

Incident Energy (MeV)

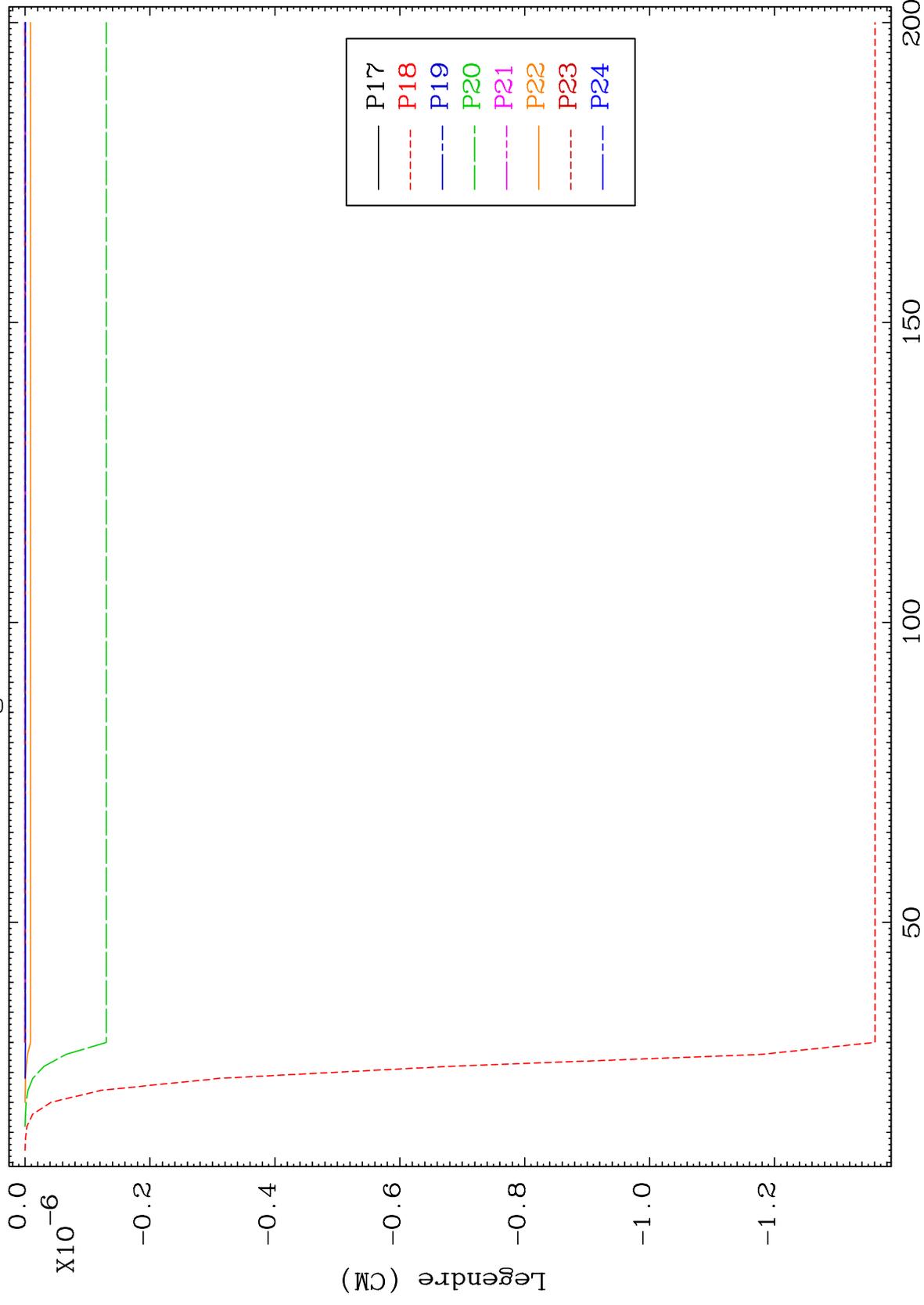
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MAT 4937

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

49-In-117



28

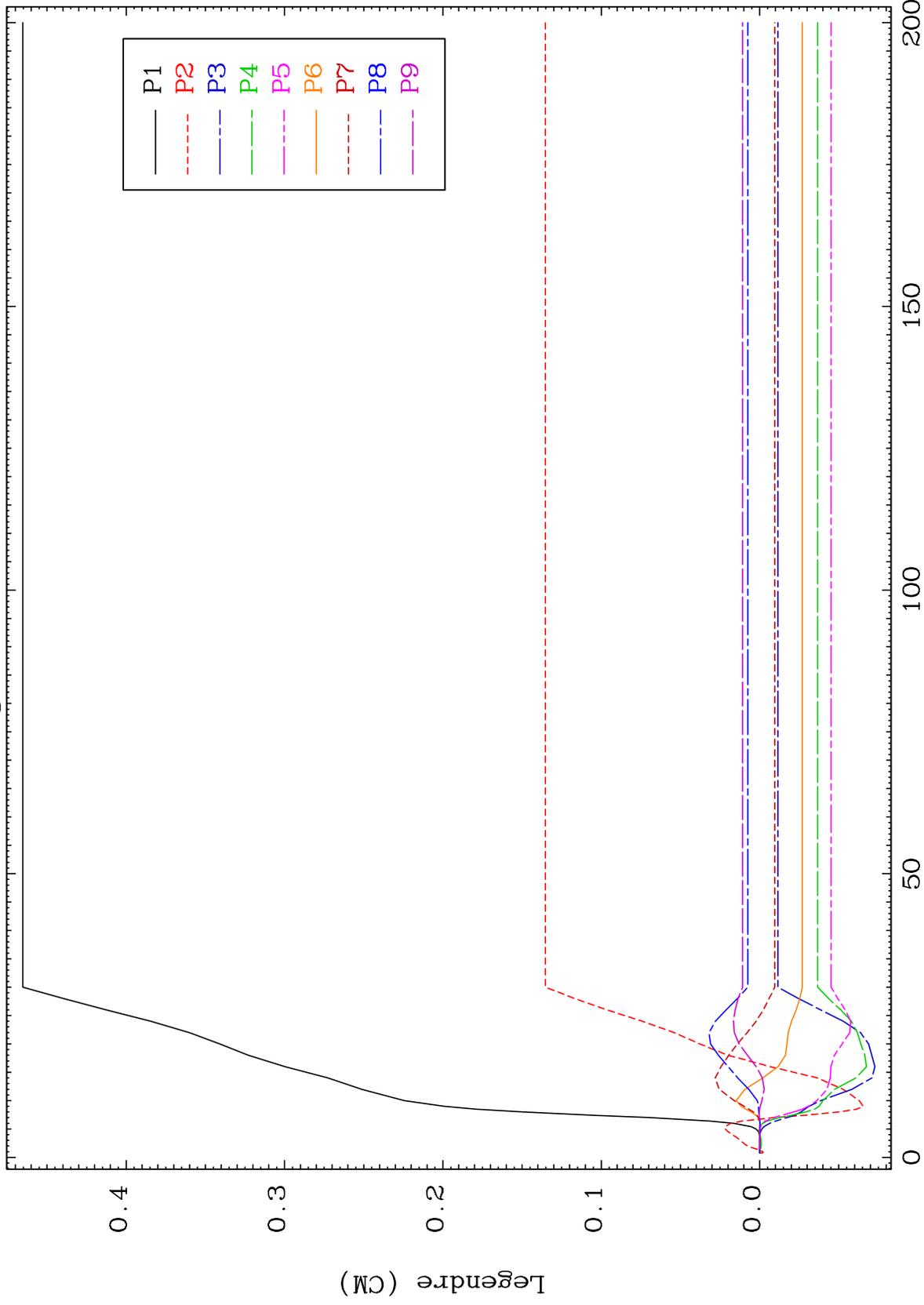
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



29

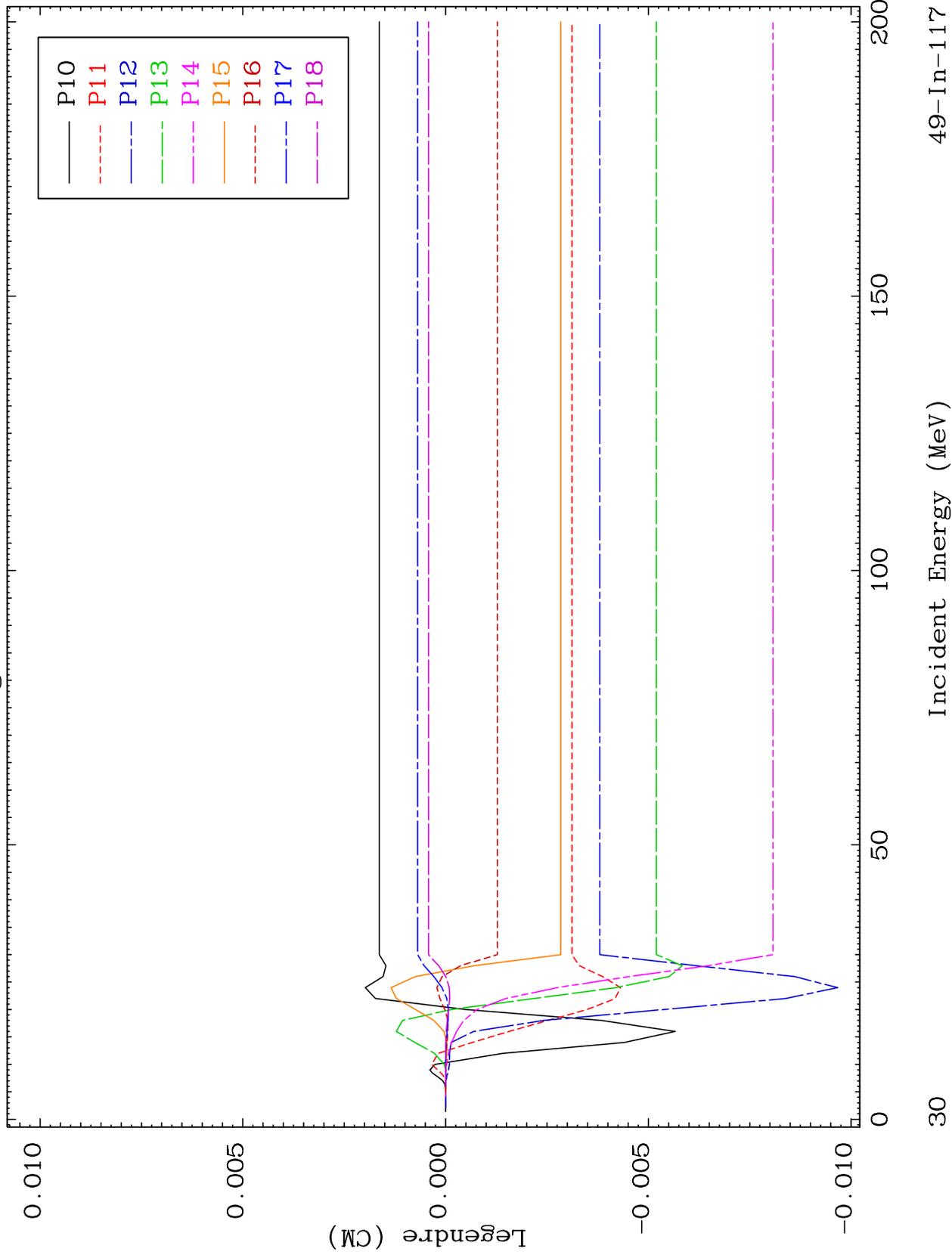
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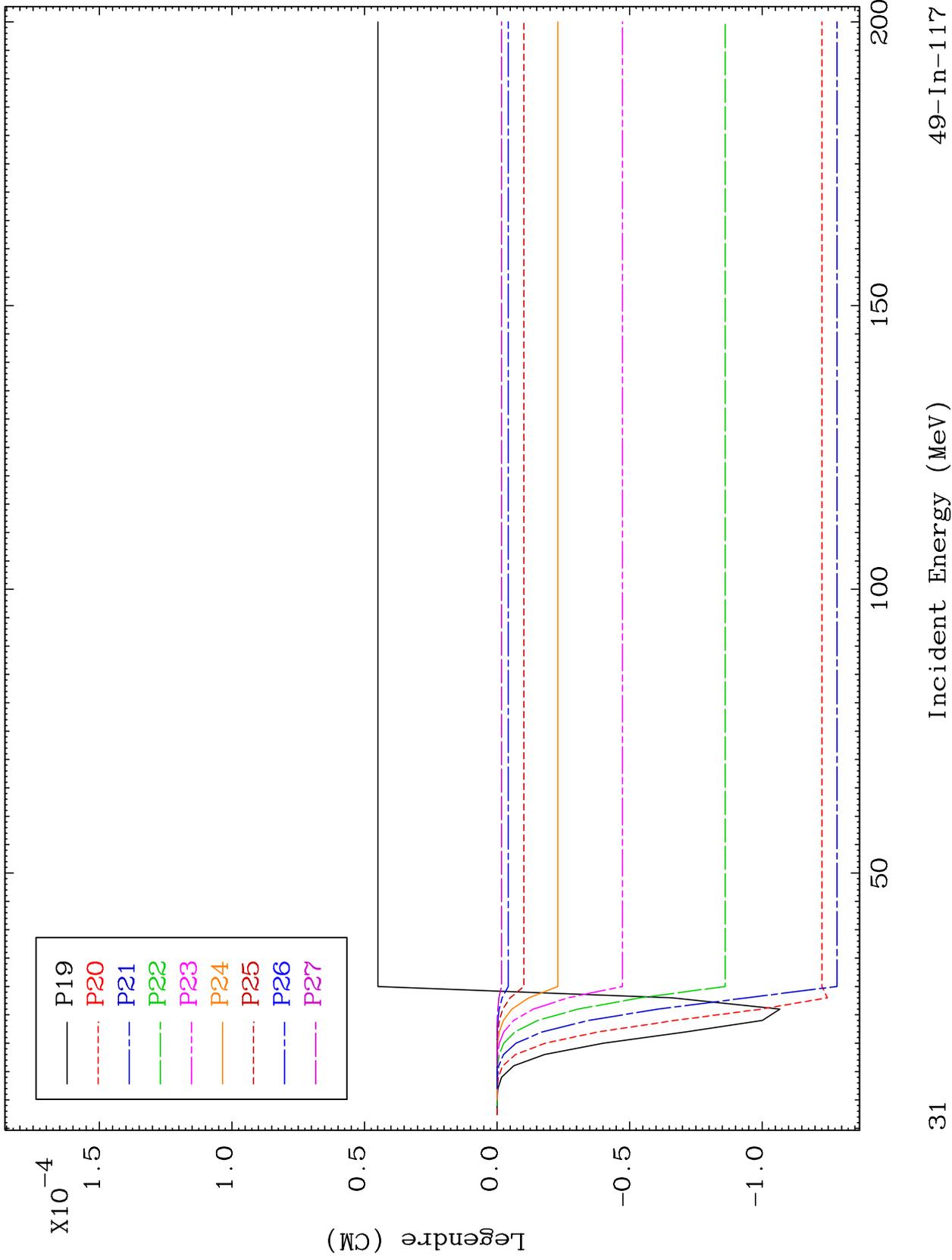
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MAT 4937

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

49-In-117



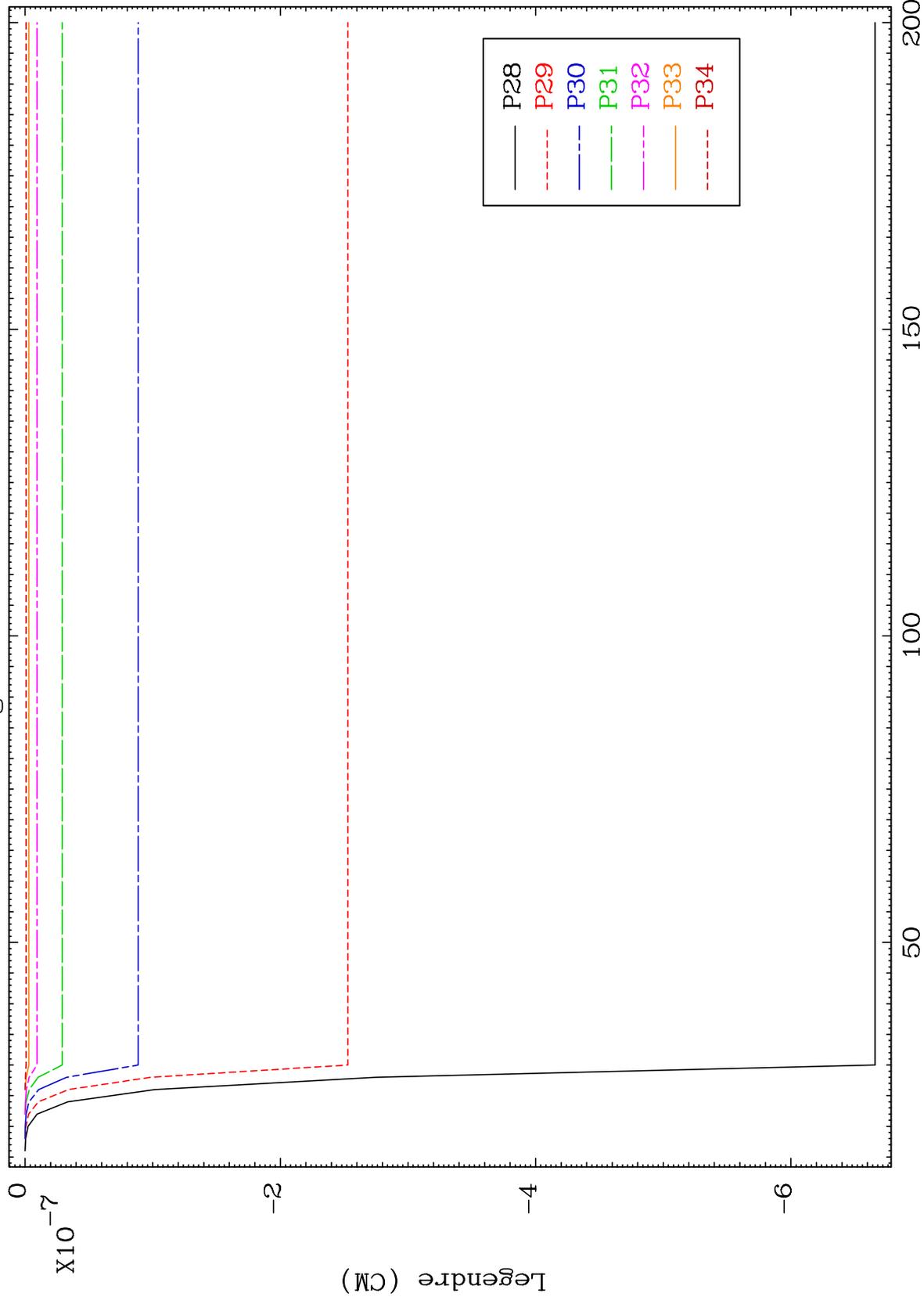


MAT 4937

MT= 54 (n,n') Level

49-In-117

Legendre Coefficients



49-In-117

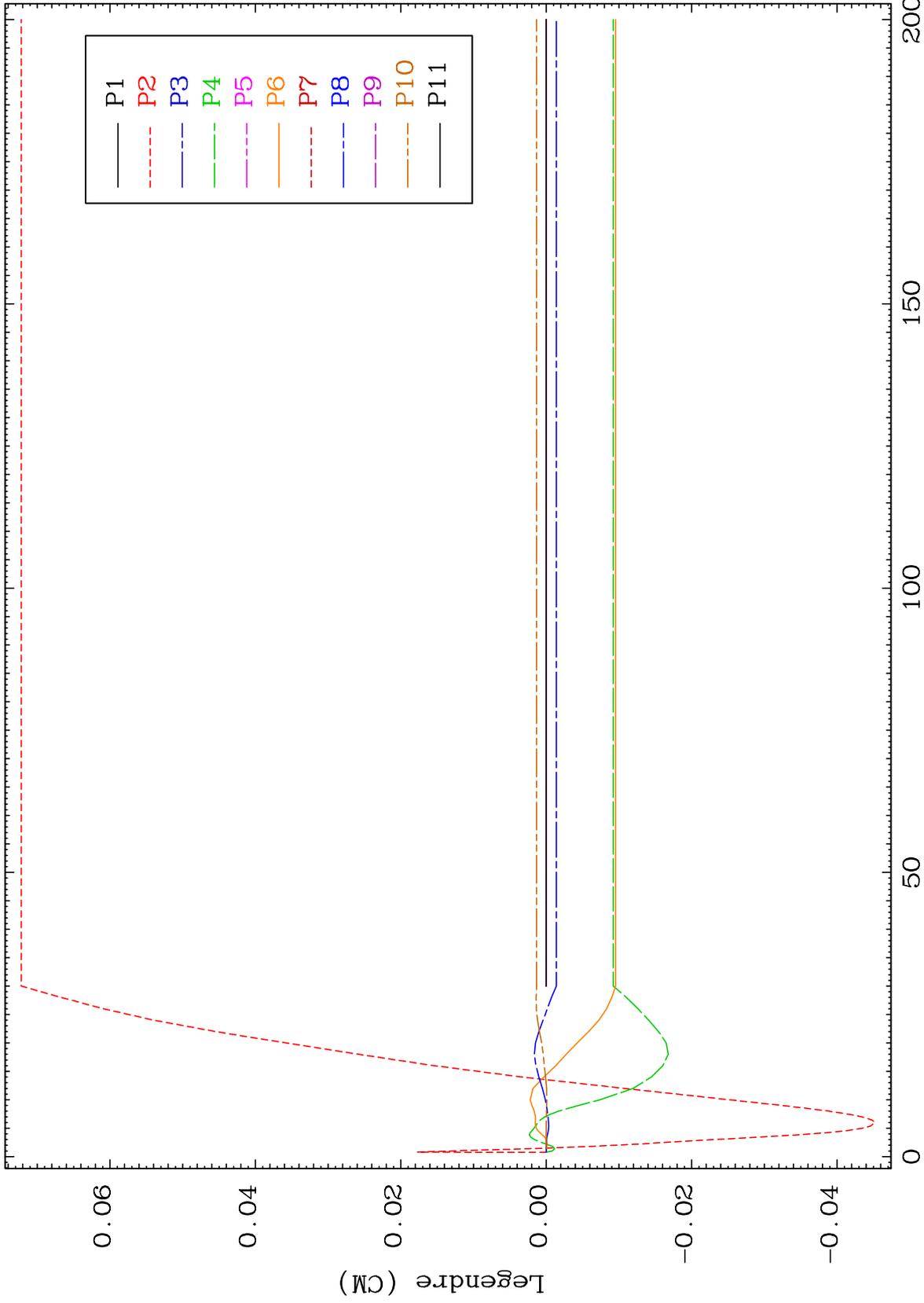
Incident Energy (MeV)

32

MAT 4937

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

49-In-117



49-In-117

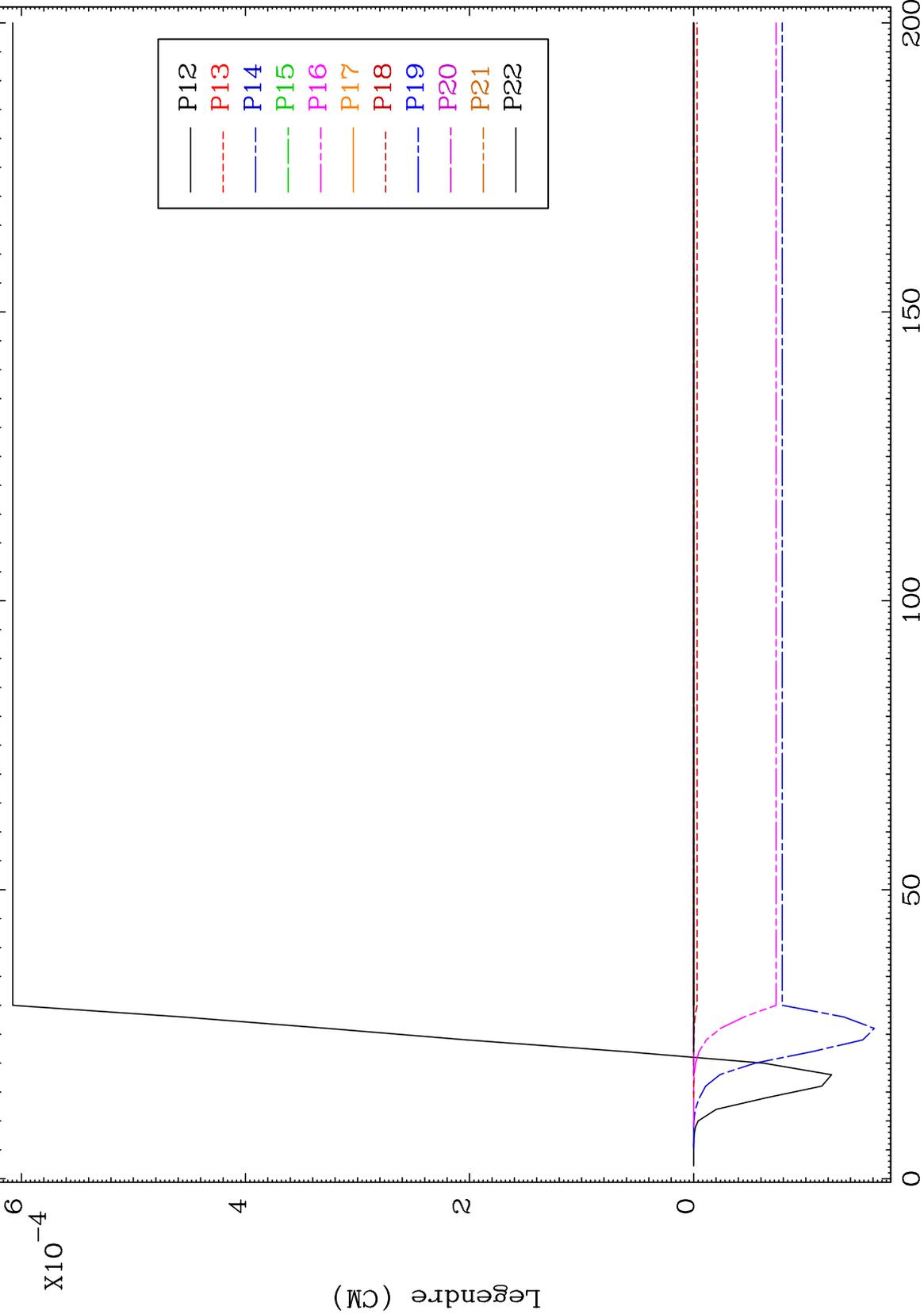
Incident Energy (MeV)

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MAT 4937

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

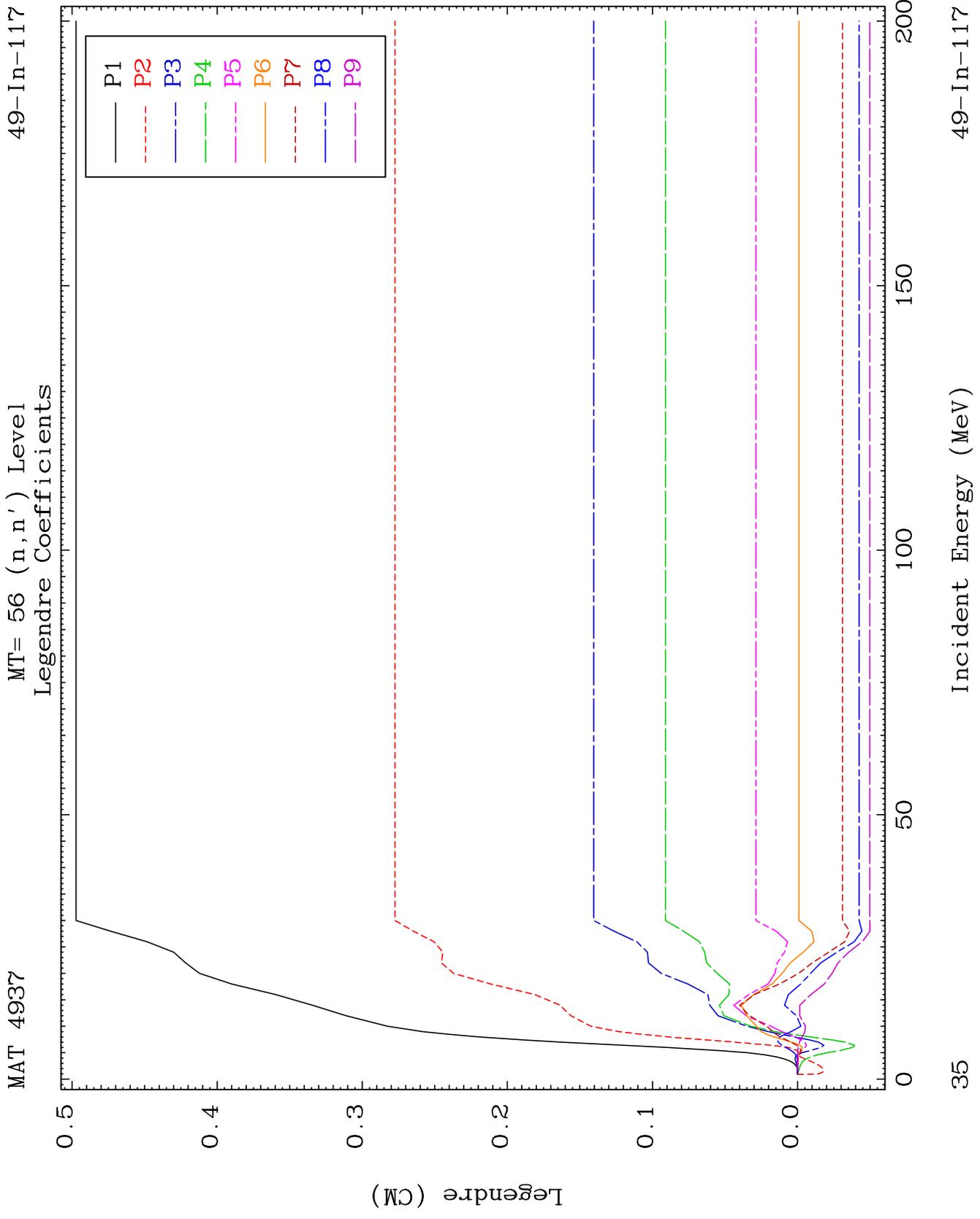
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34

Incident Energy (MeV)

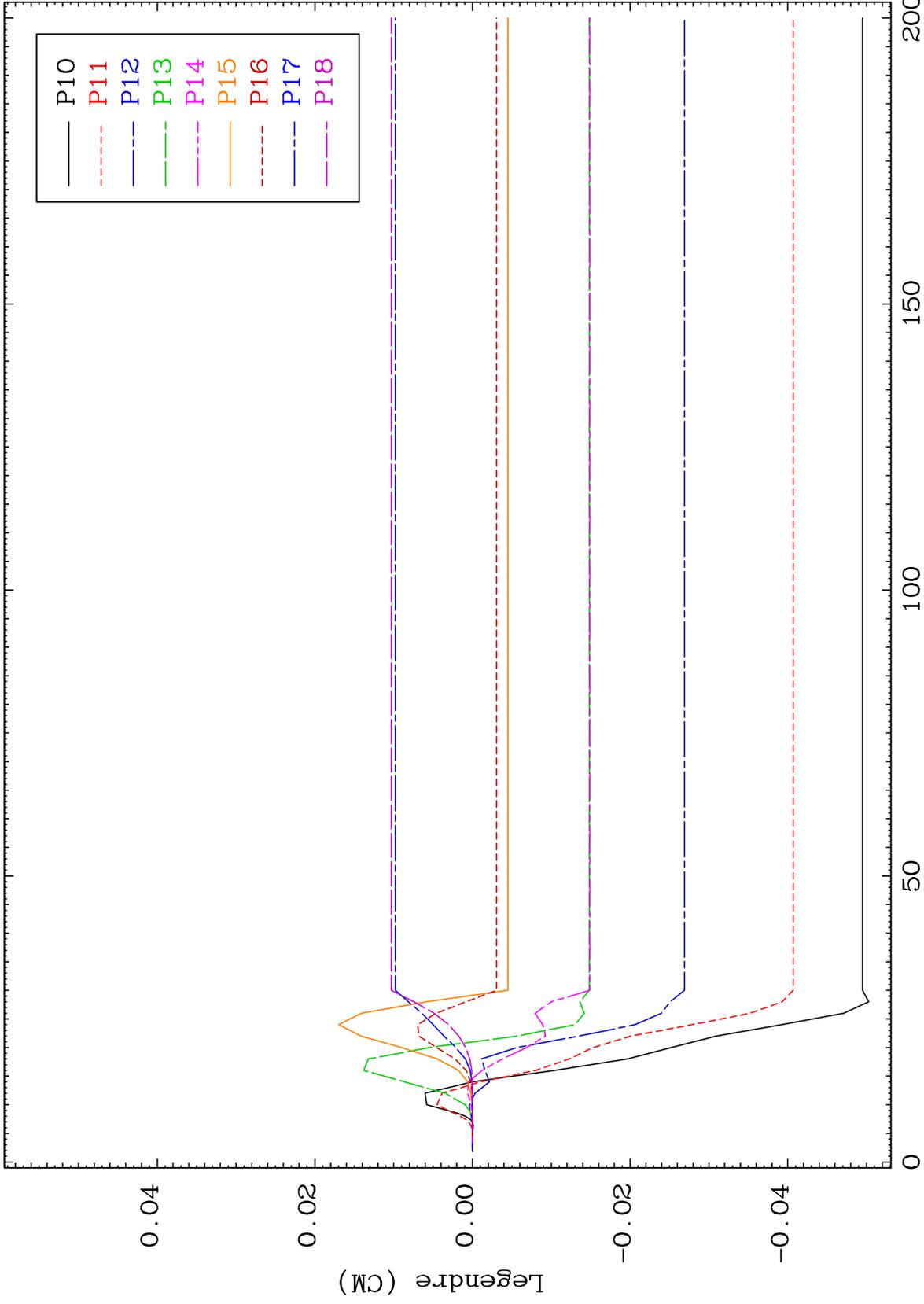
49-In-117



MAT 4937

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

49-In-117



36

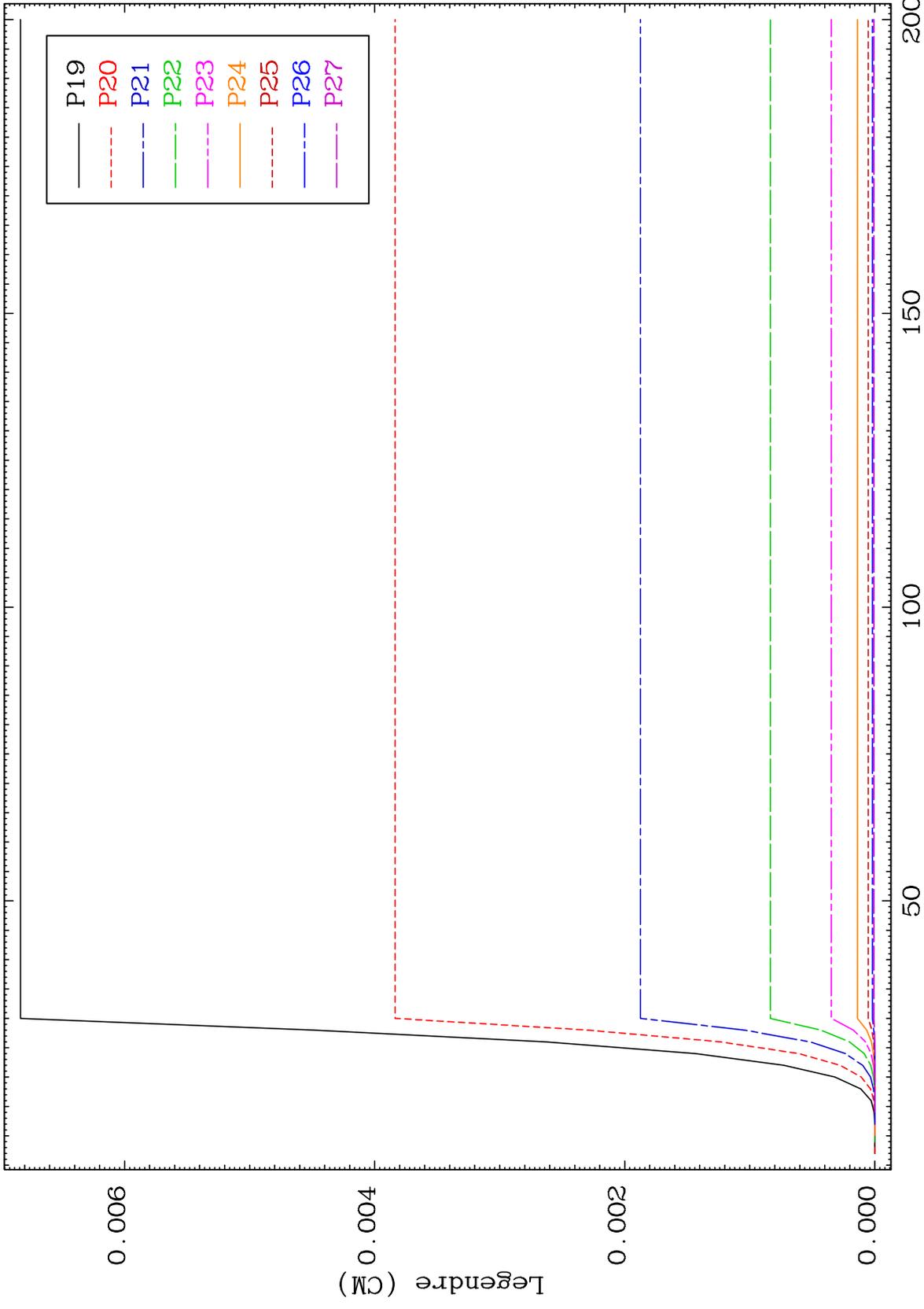
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



37

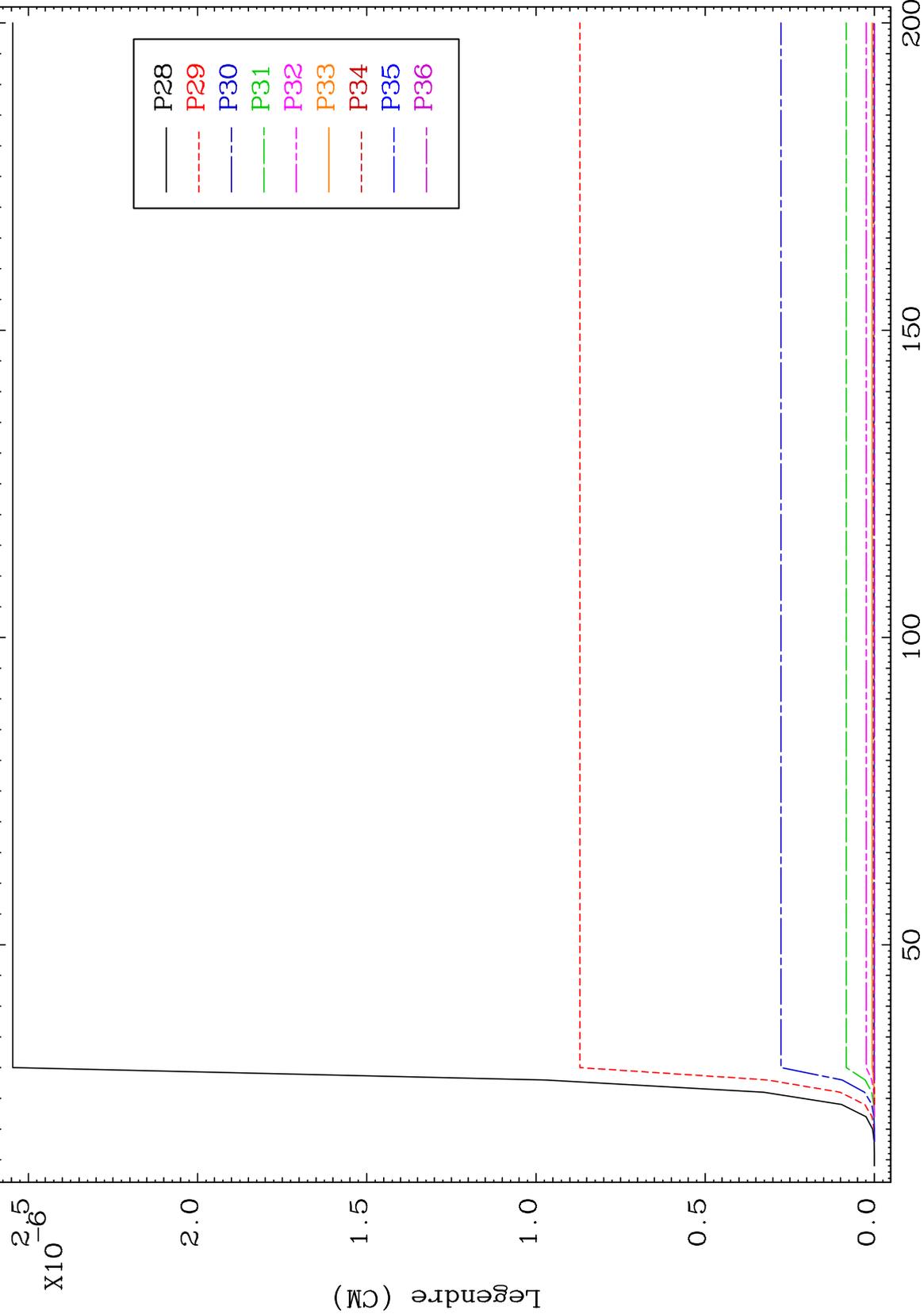
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



38

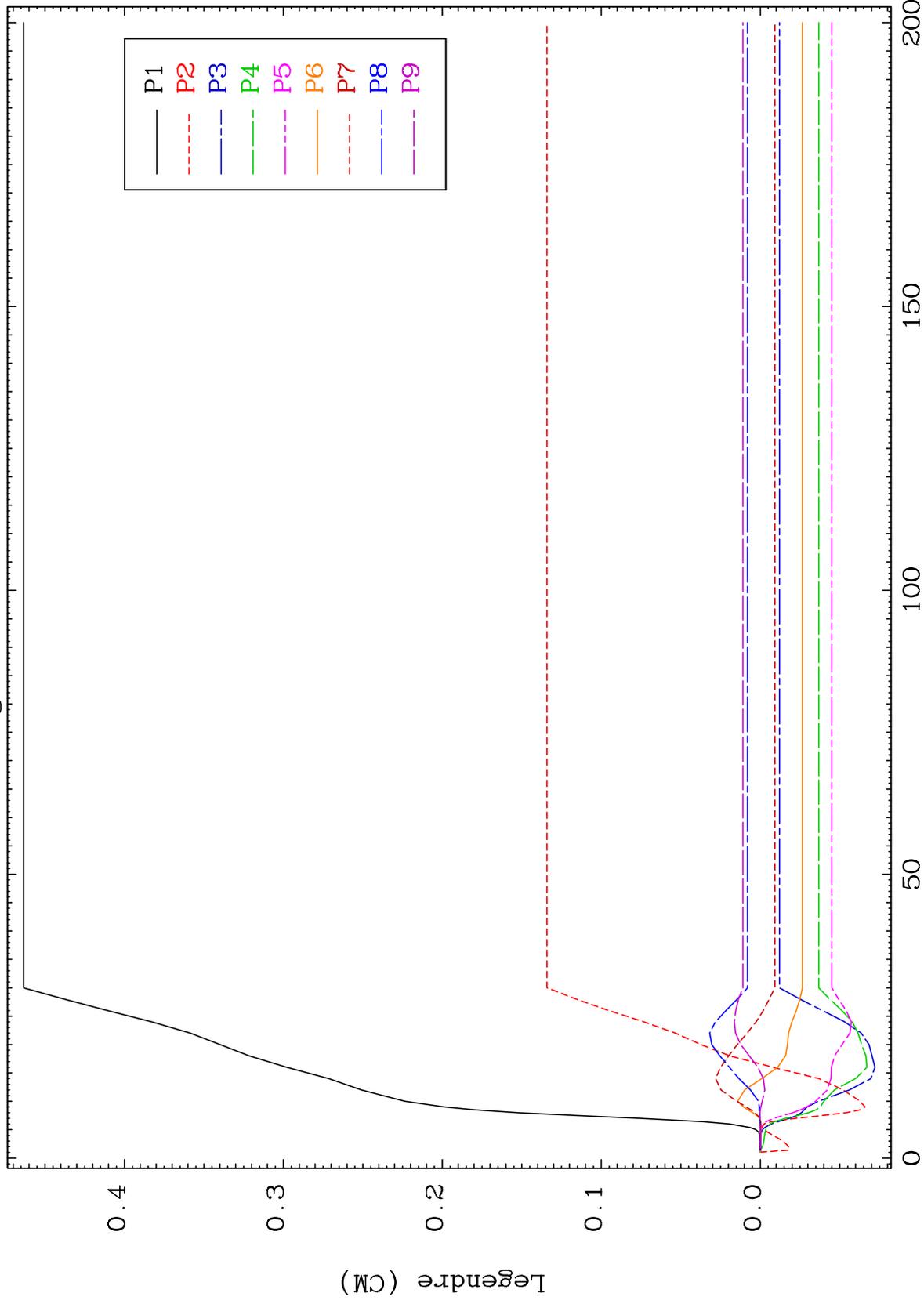
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



39

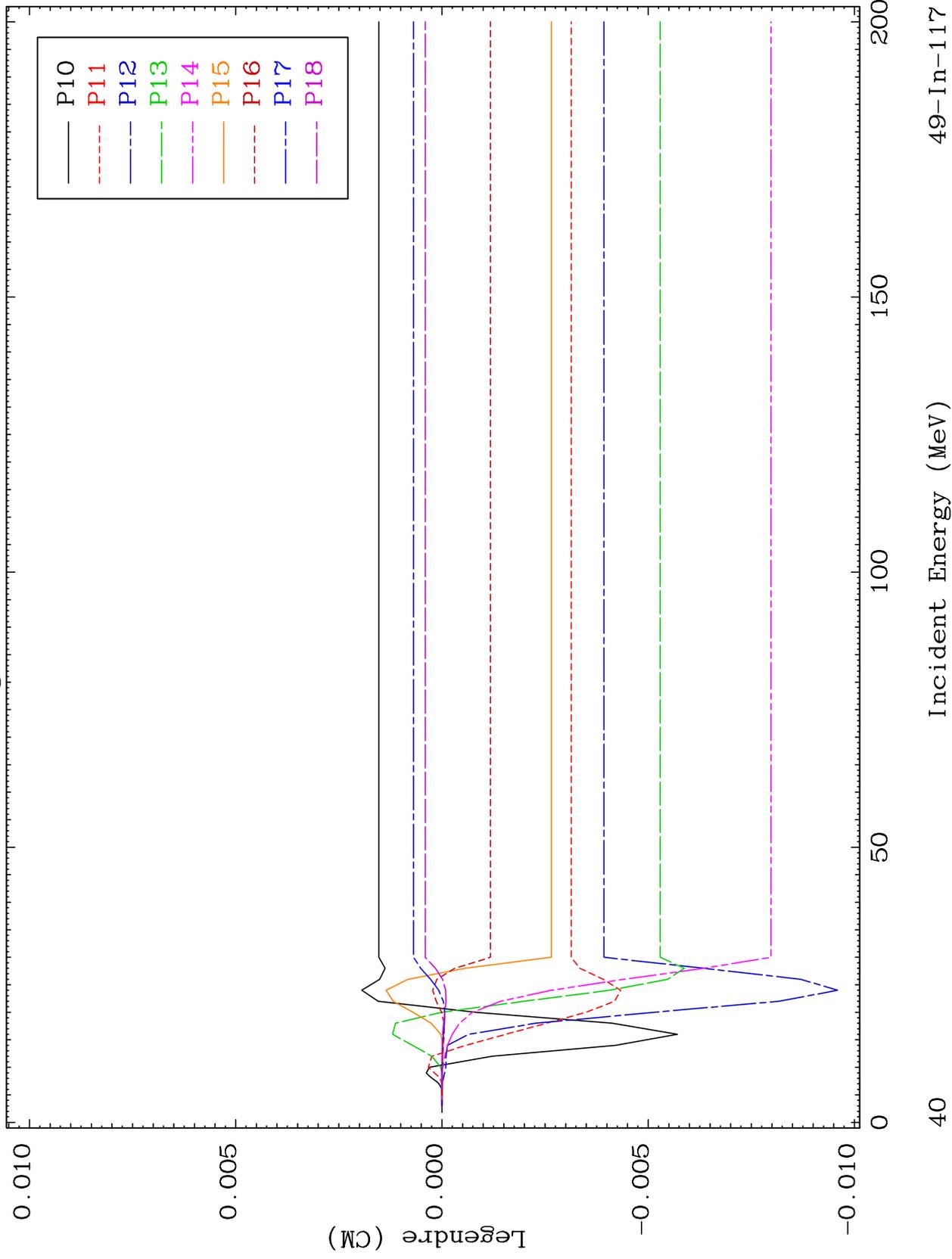
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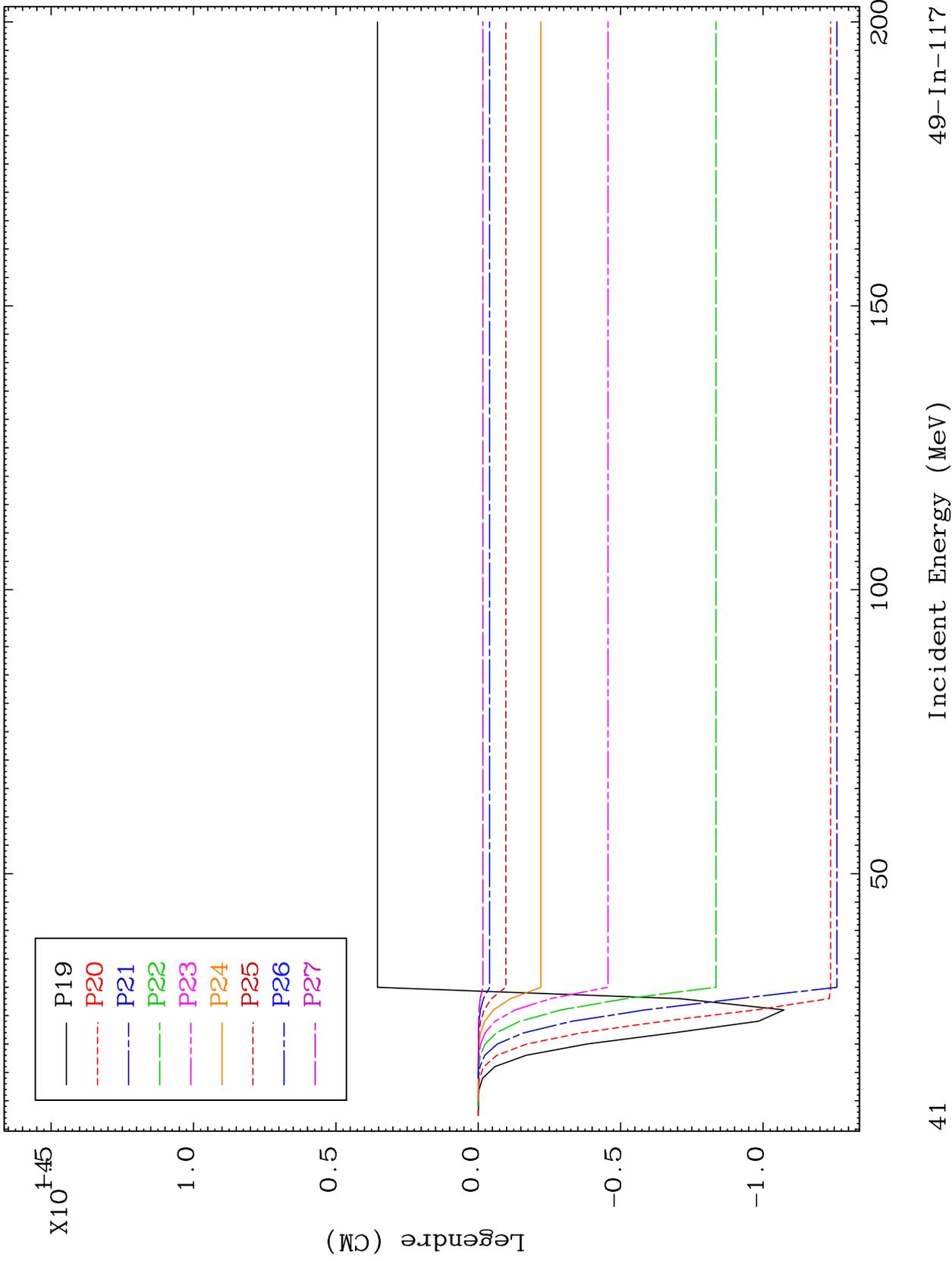
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MAT 4937

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

49-In-117



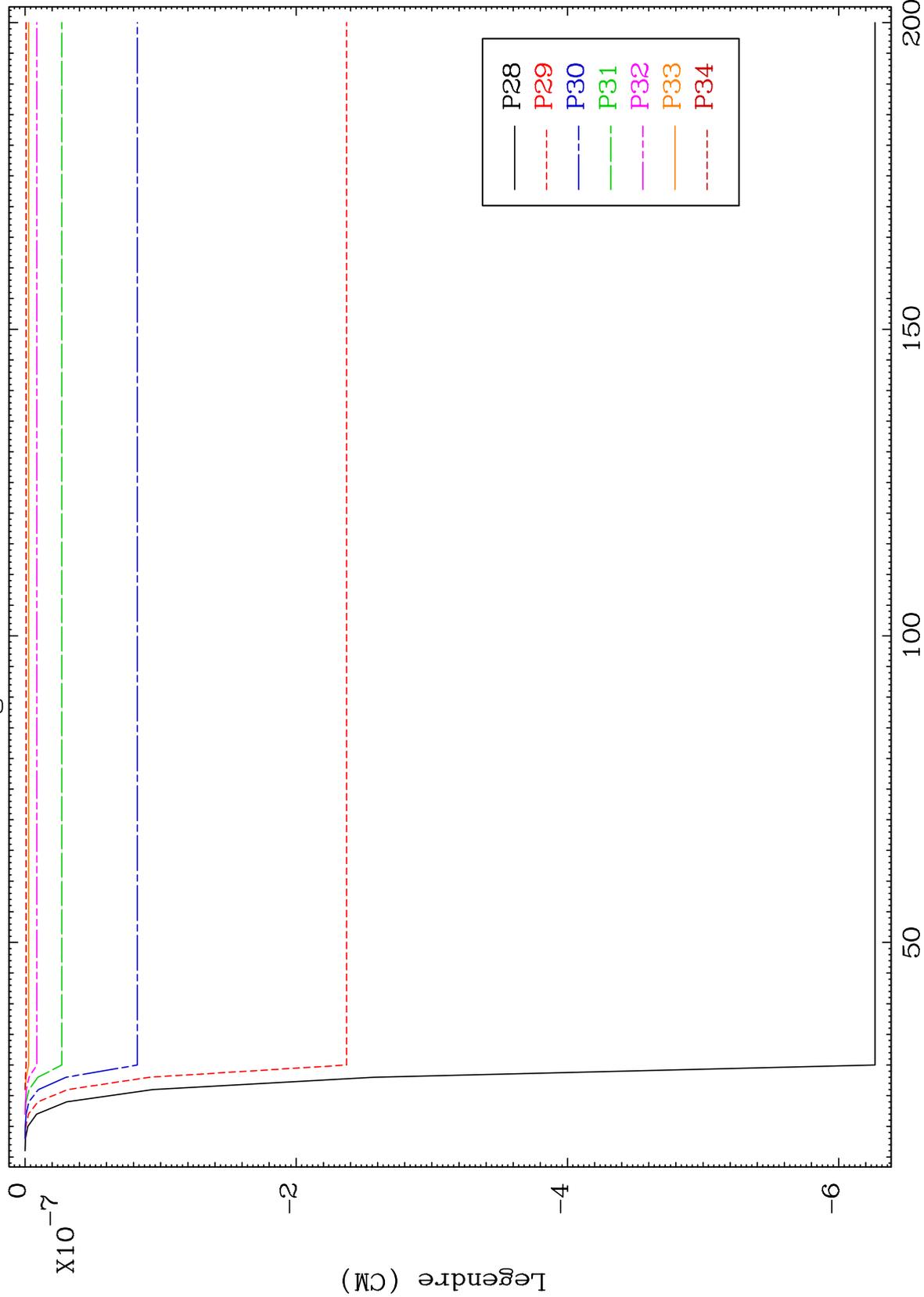


MAT 4937

MT= 57 (n,n') Level

49-In-117

Legendre Coefficients



42

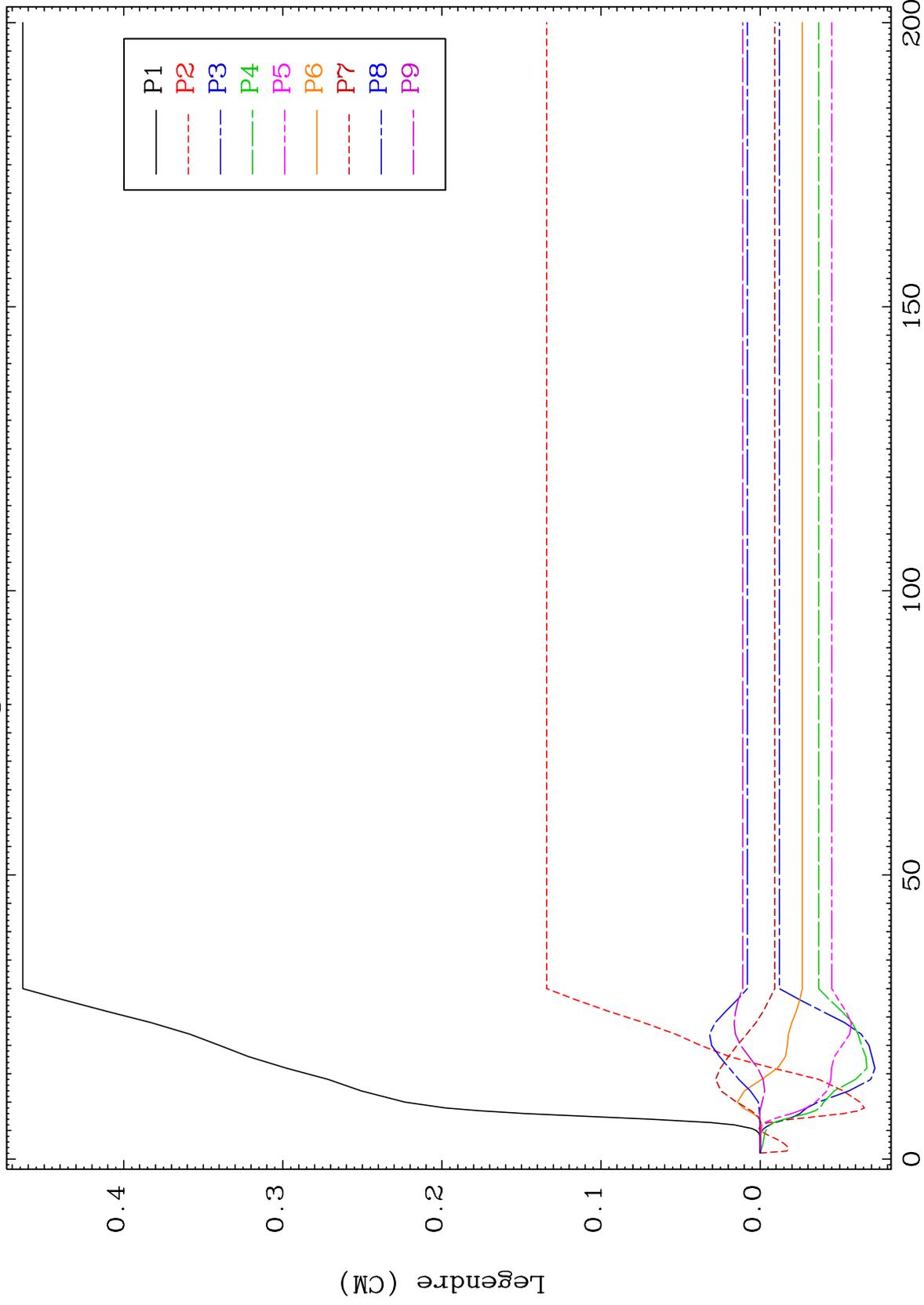
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49-In-117

MAT 4937

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

49-In-117



43

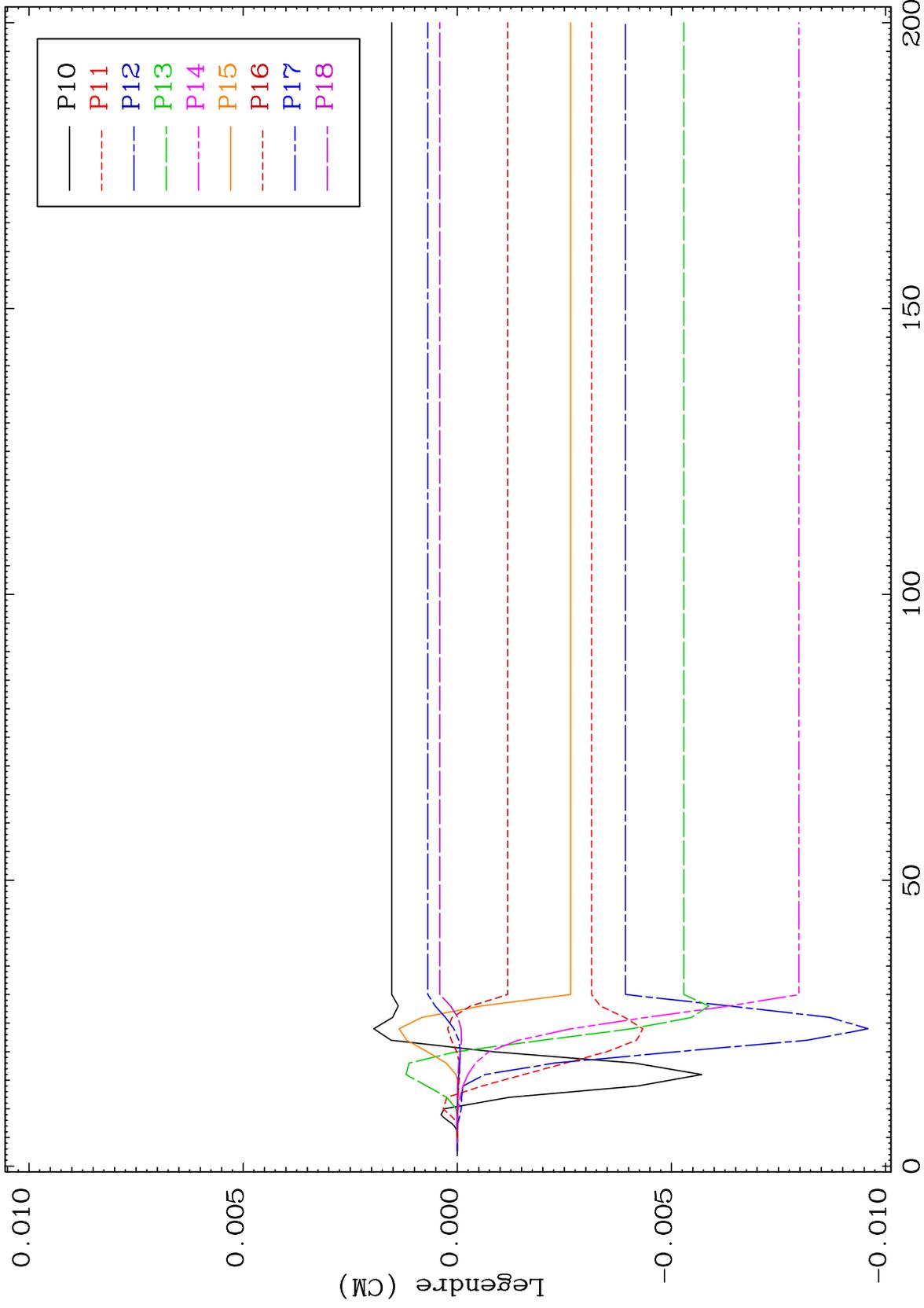
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49-In-117

MAT 4937

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

49-In-117



44

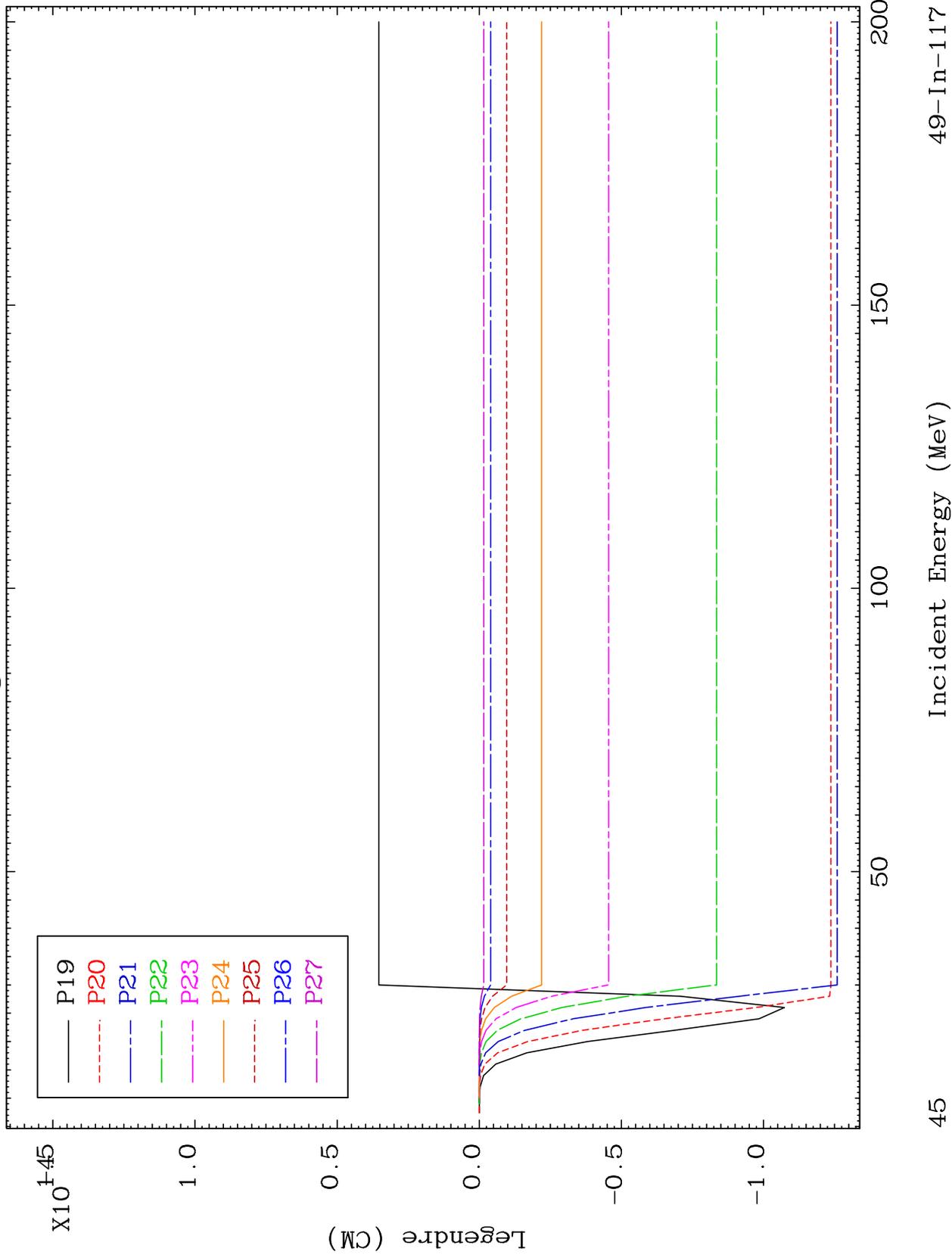
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



45

Incident Energy (MeV)

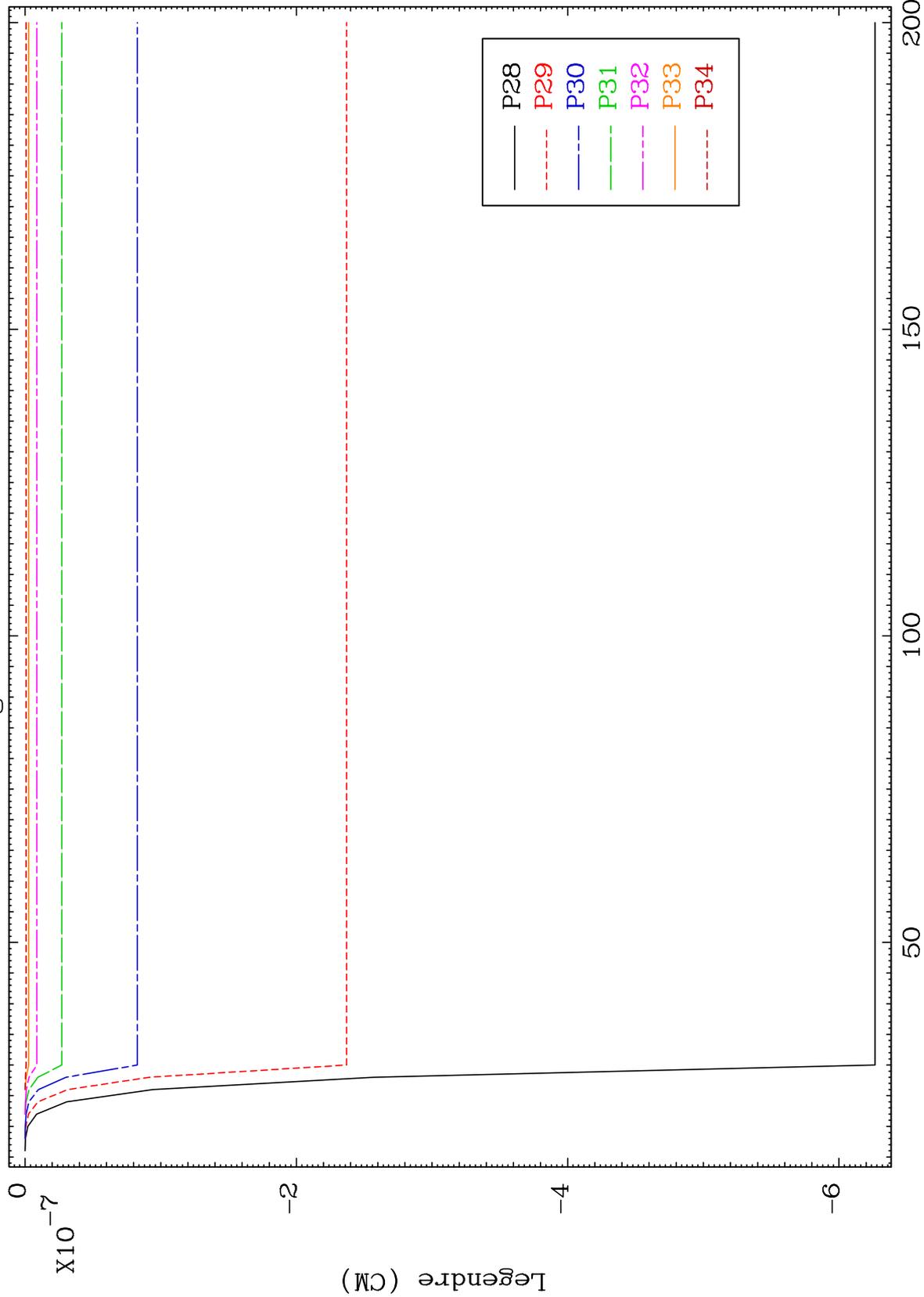
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MAT 4937

MT= 58 (n,n') Level

49-In-117

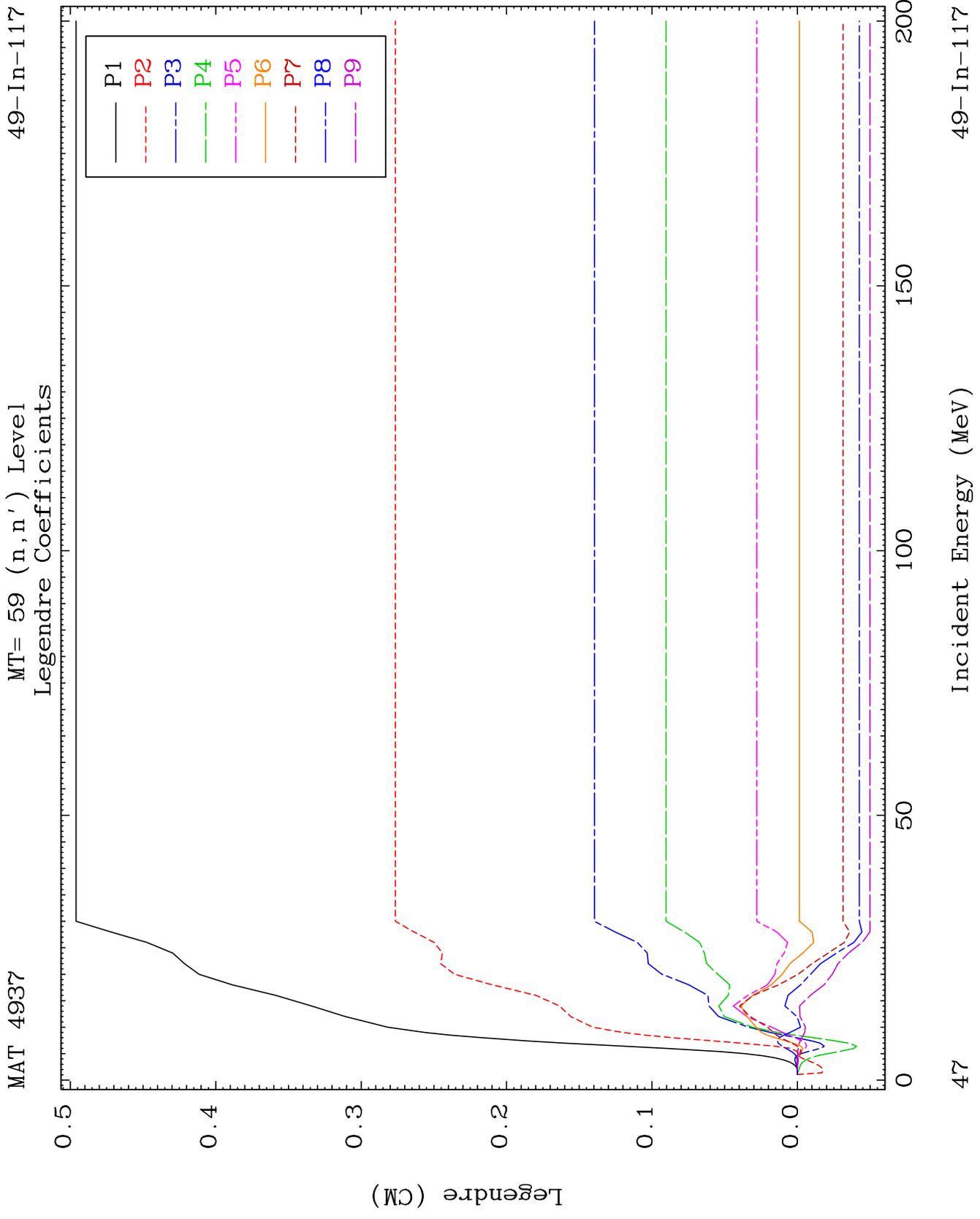
Legendre Coefficients



46

Incident Energy (MeV)

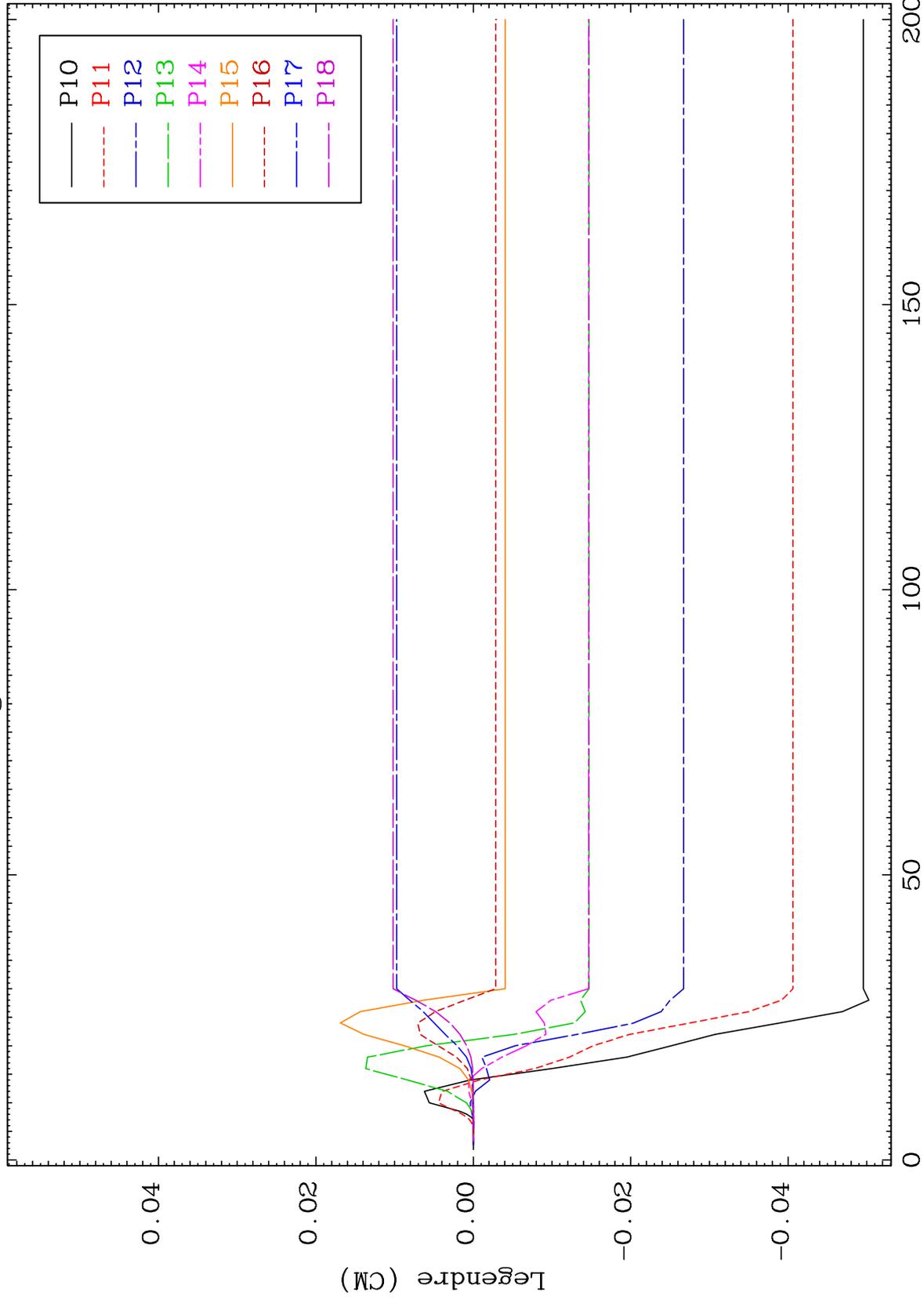
49-In-117



MAT 4937

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

49-In-117



48

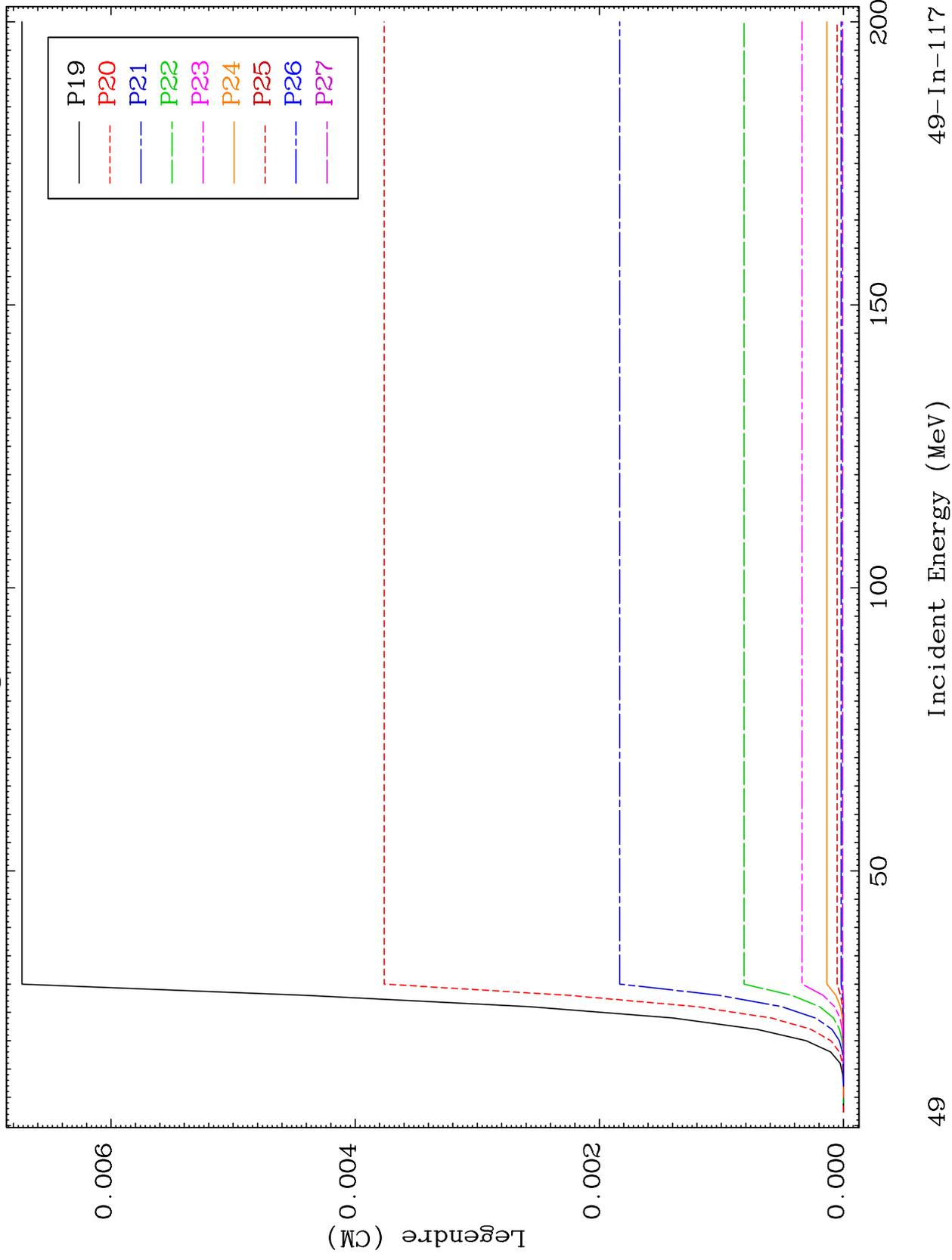
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



49

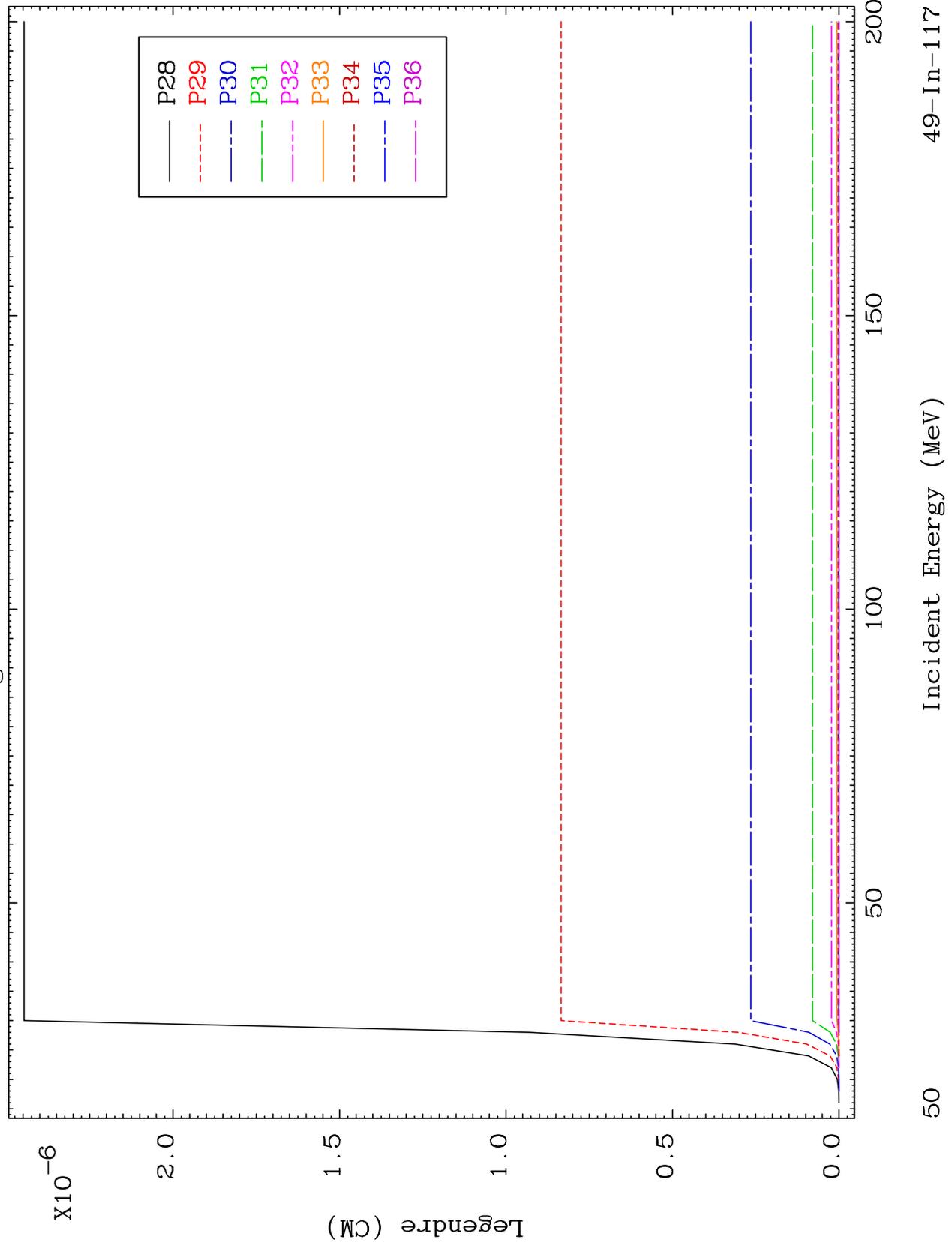
Incident Energy (MeV)

49-In-117

MAT 4937

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

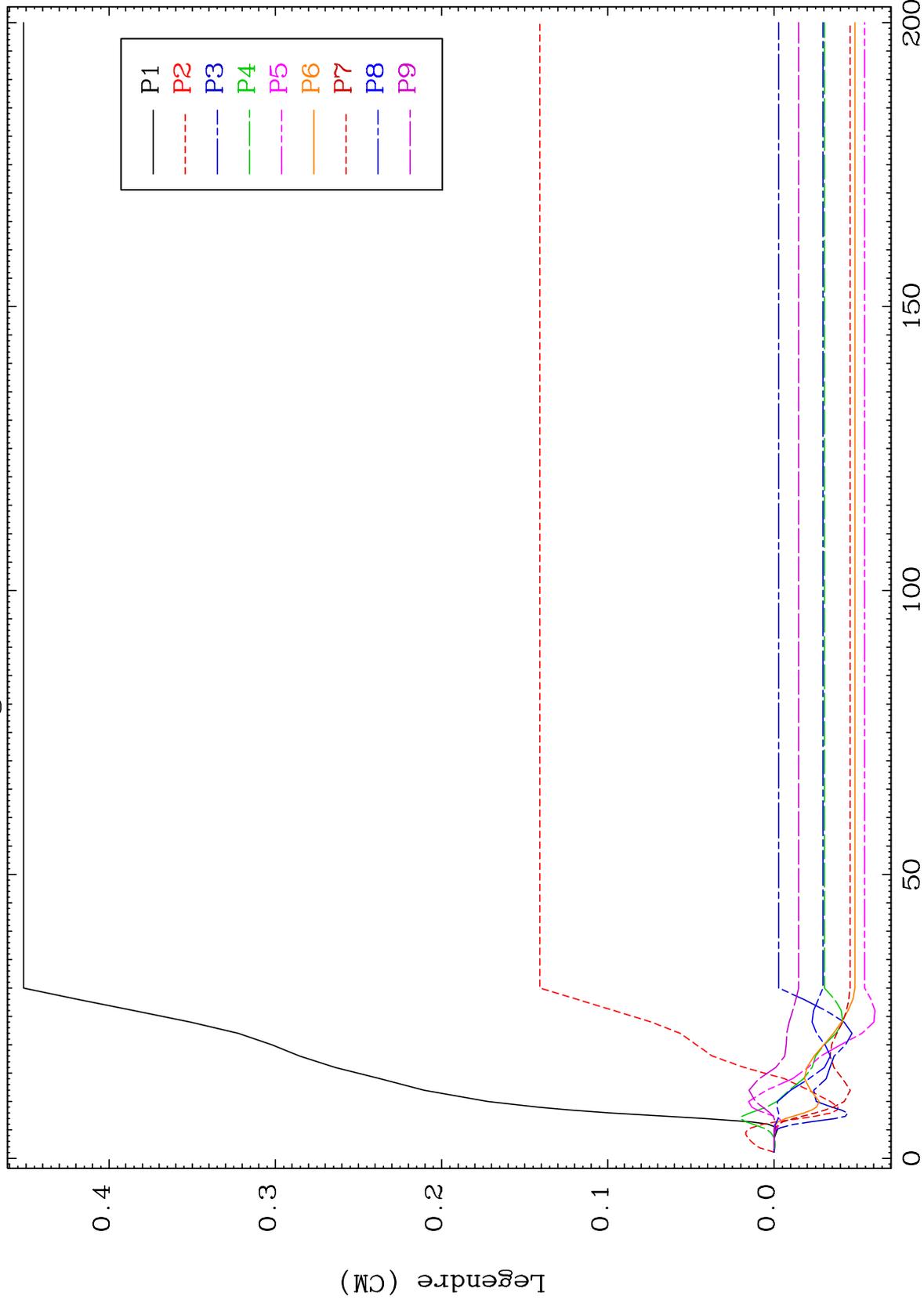
49-In-117



MAT 4937

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

49-In-117



51

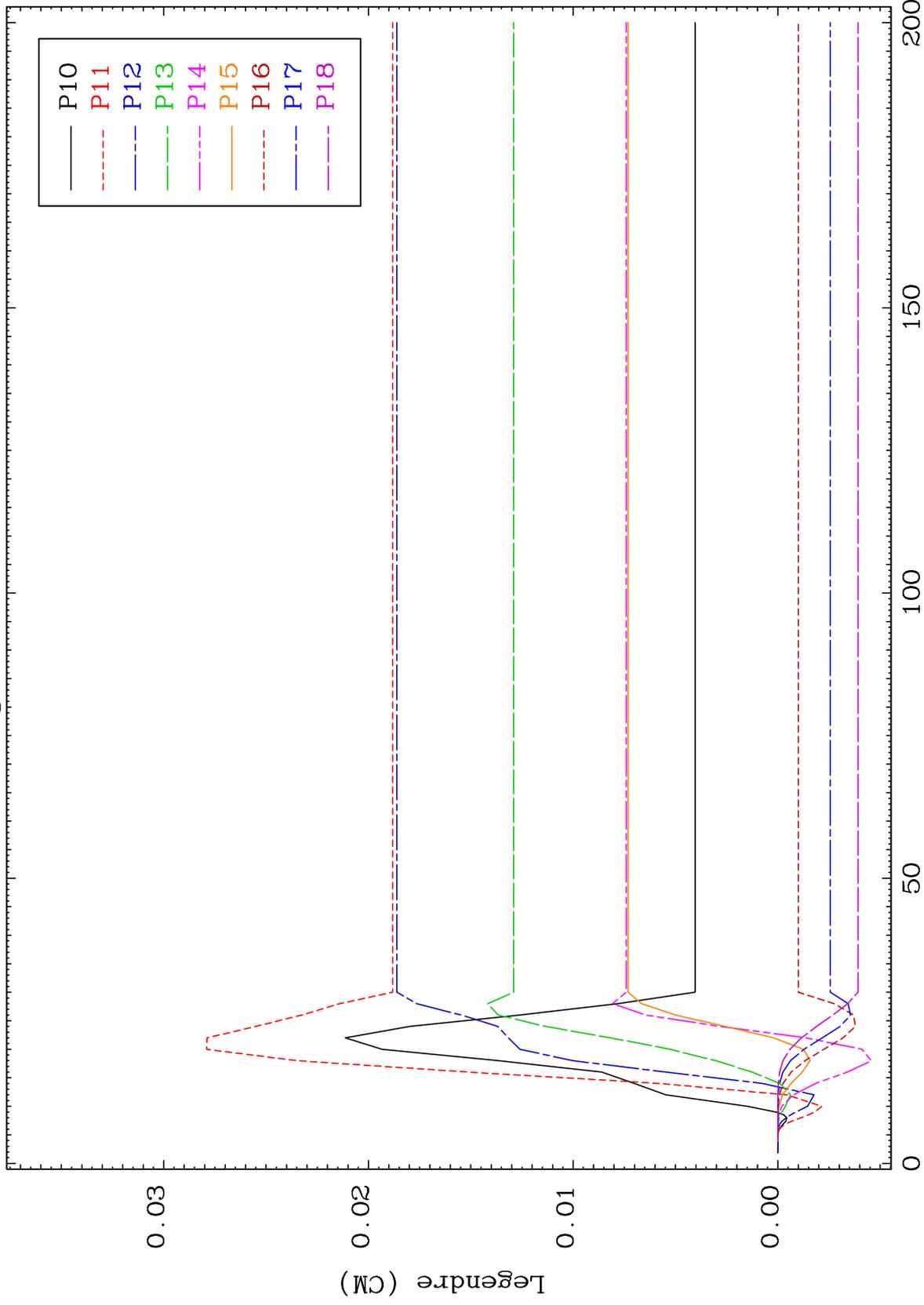
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MAT 4937

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

49-In-117



52

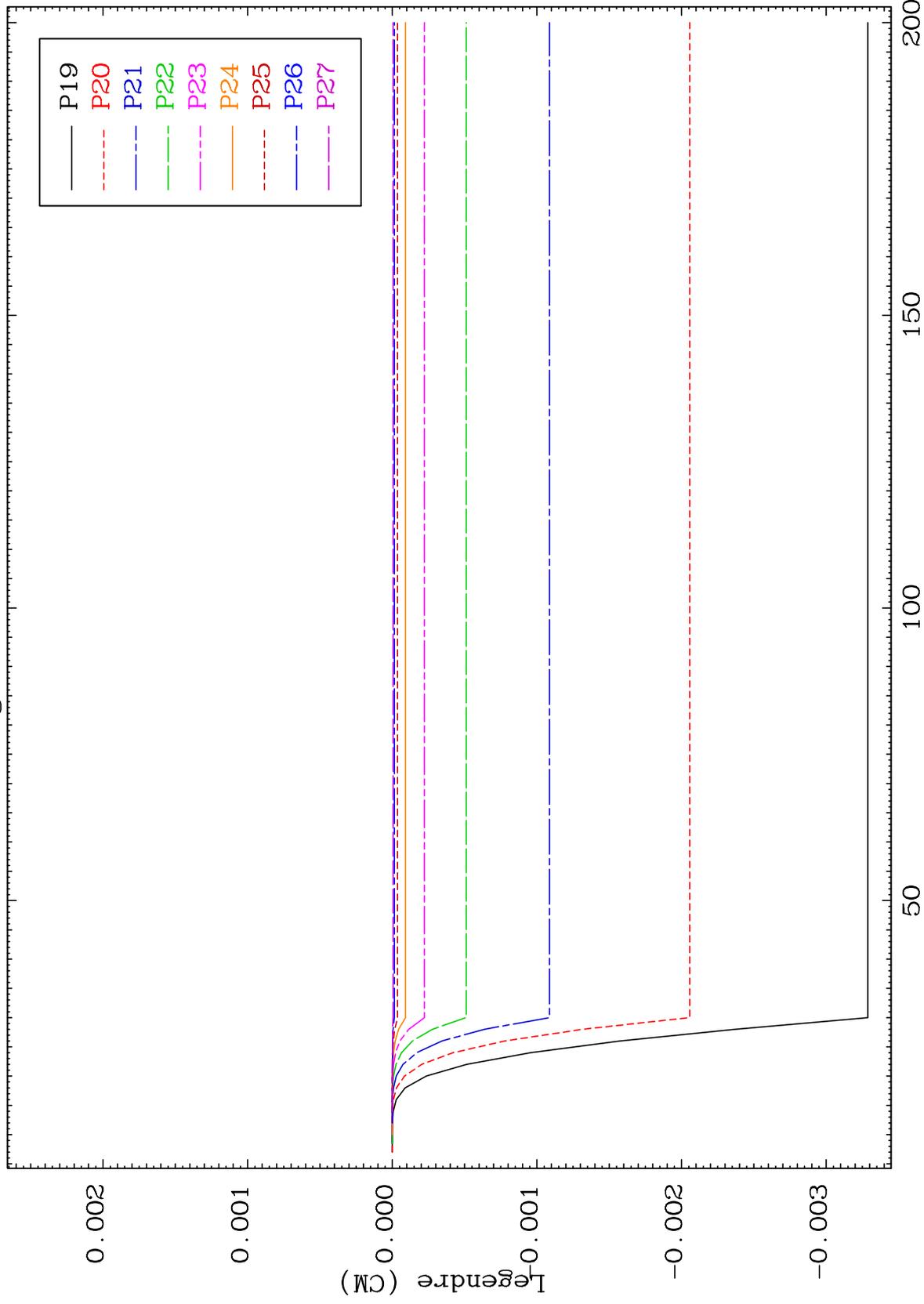
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49-In-117

MAT 4937

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

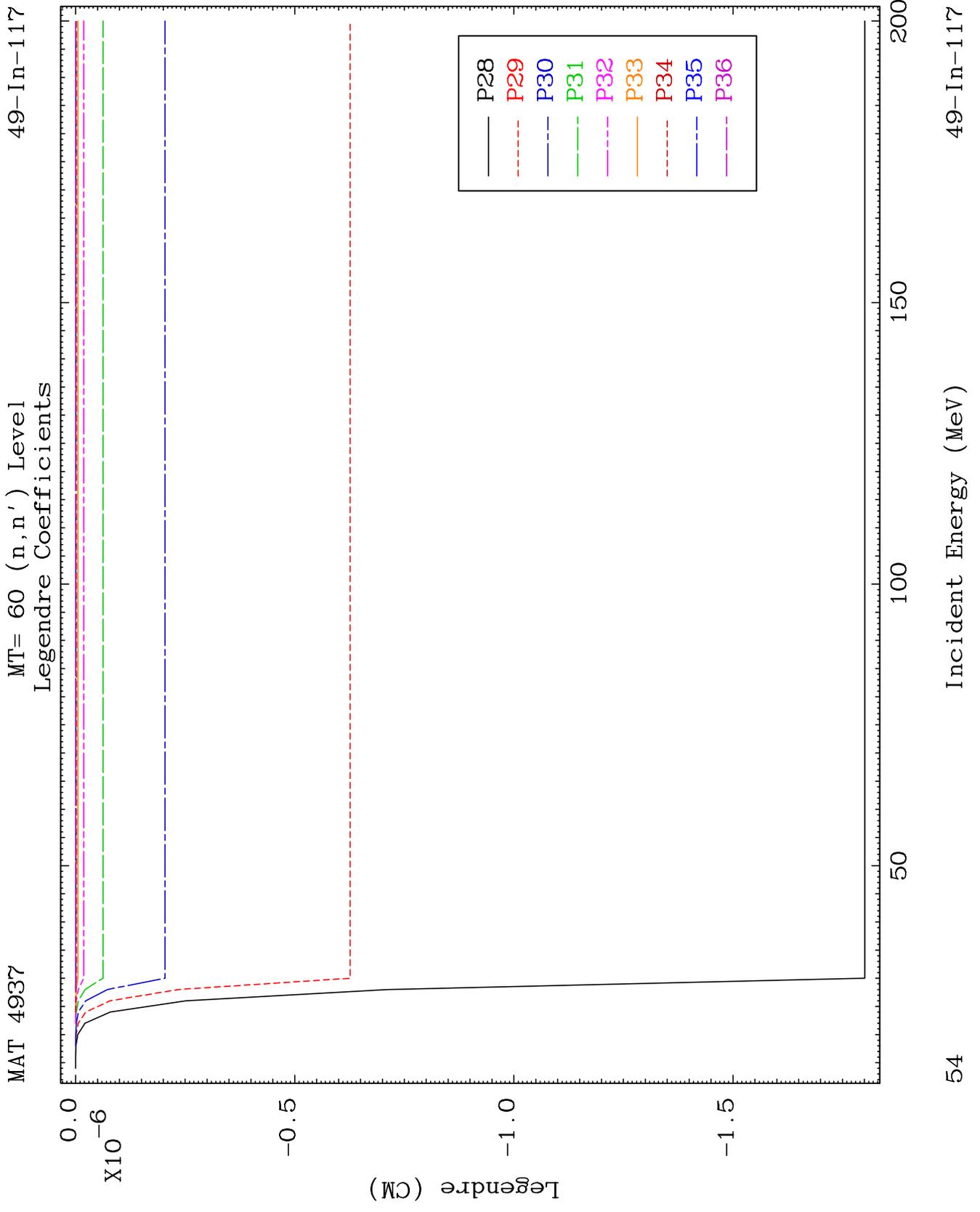
49-In-117



53

Incident Energy (MeV)

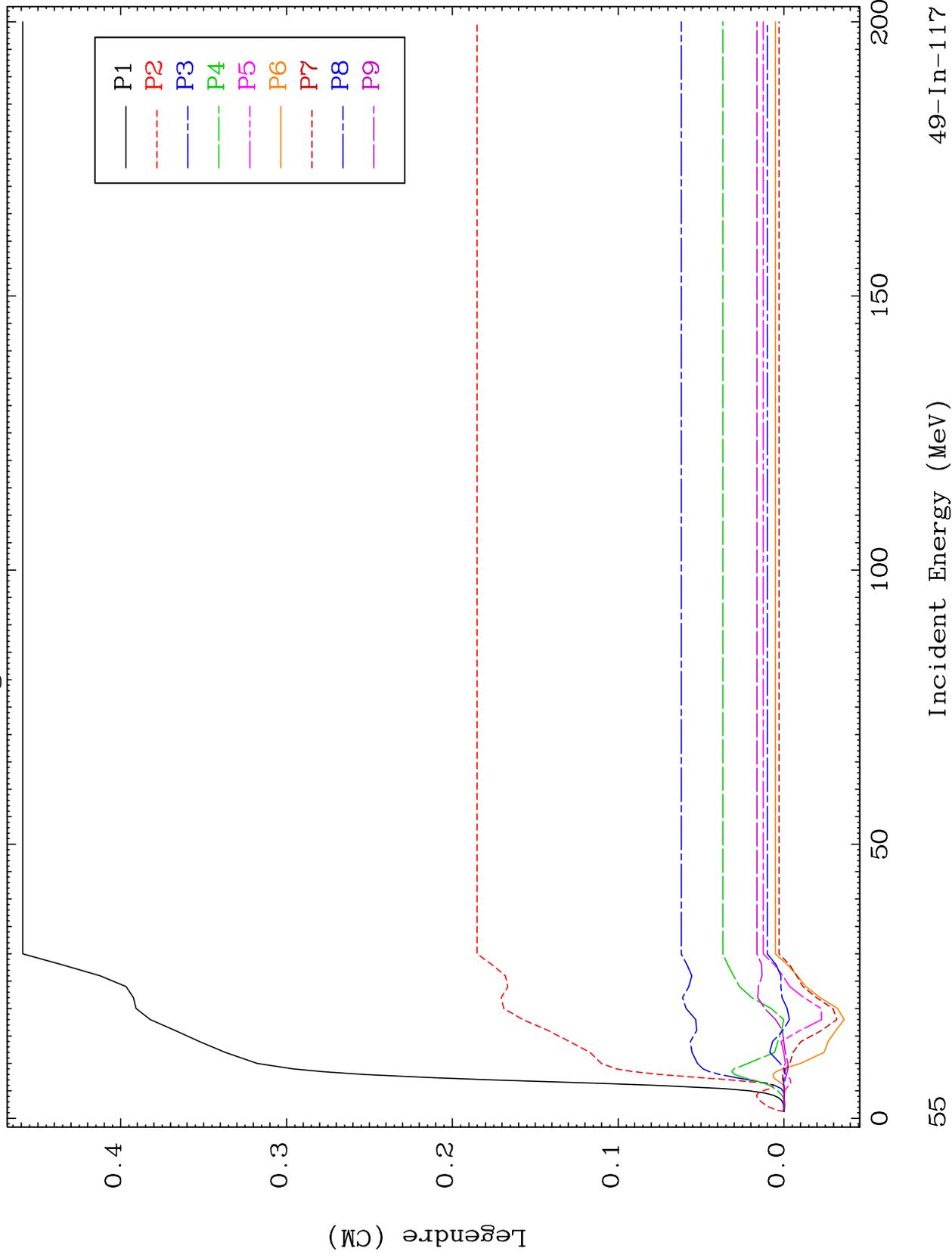
49-In-117



MAT 4937

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

49-In-117



49-In-117

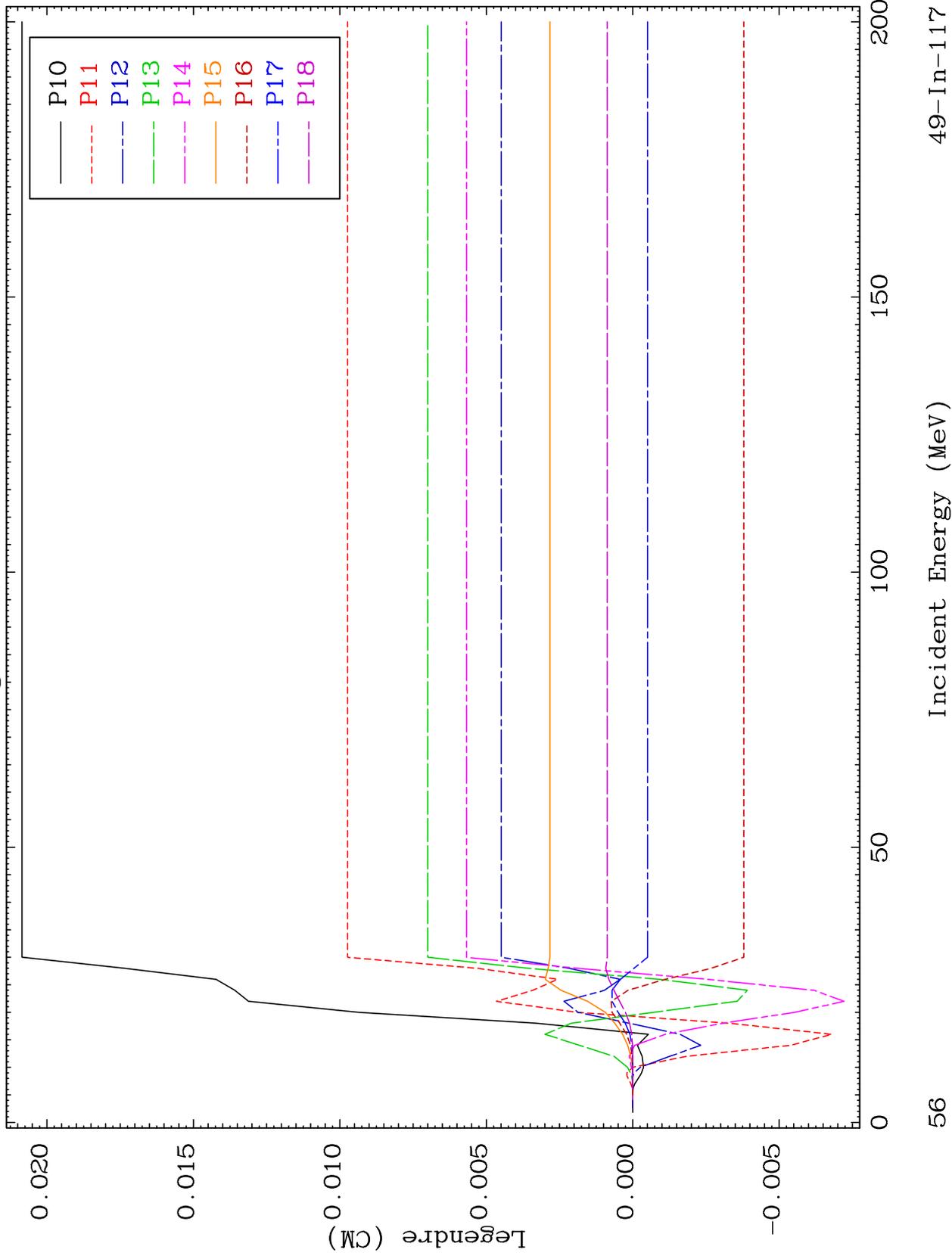
Incident Energy (MeV)

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MAT 4937

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

49-In-117



49-In-117

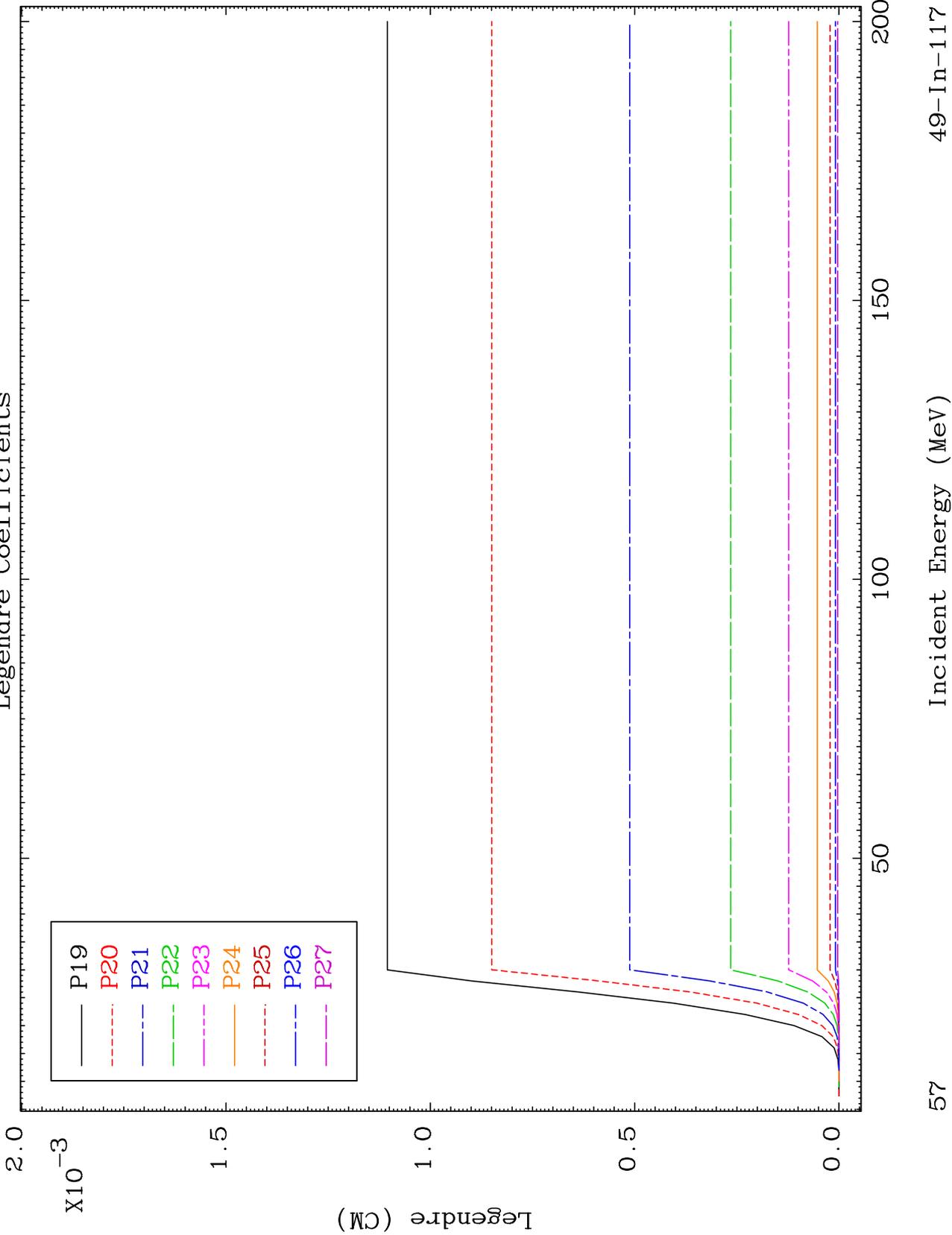
Incident Energy (MeV)

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MAT 4937

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

49-In-117



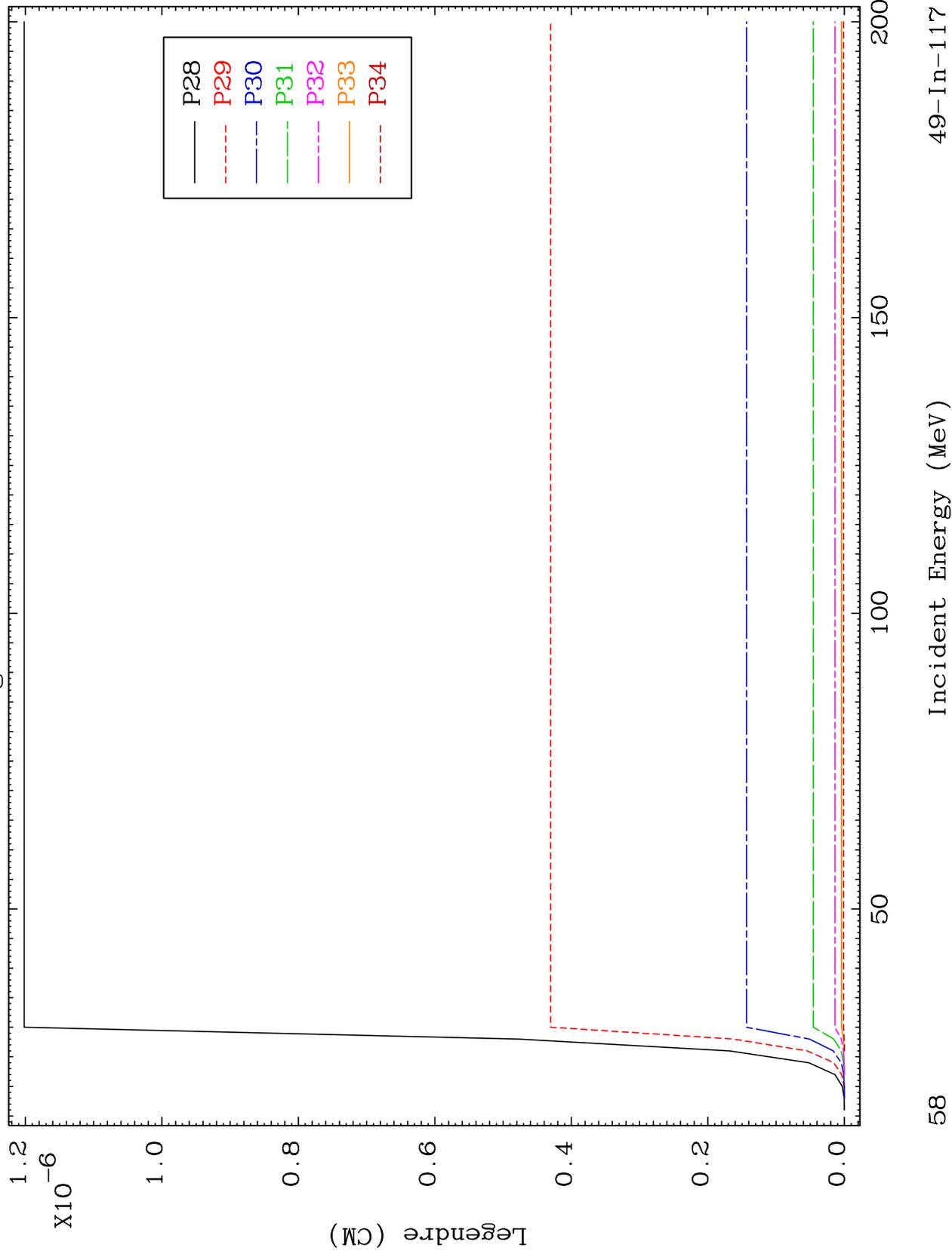
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49-In-117

MAT 4937

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

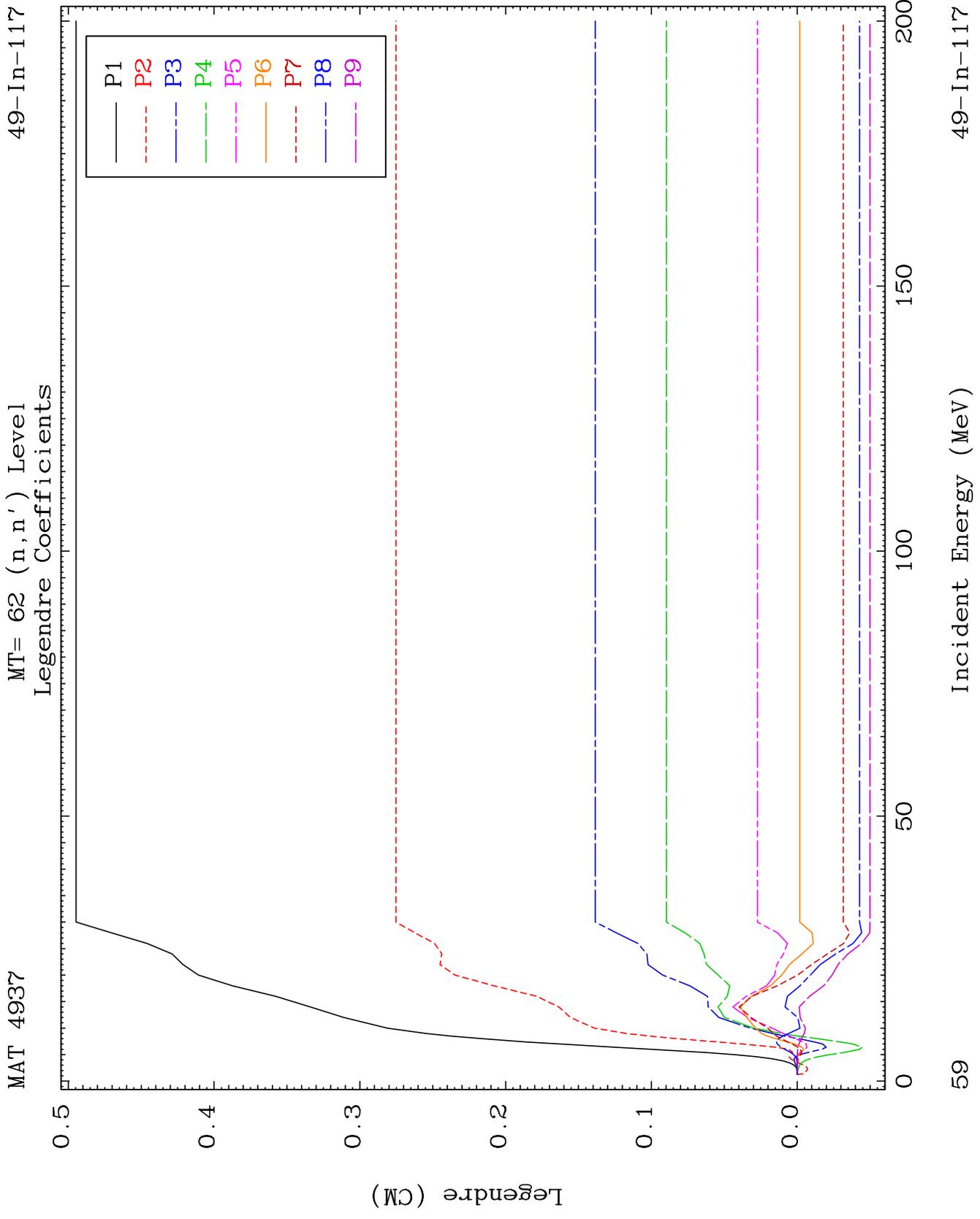
49-In-117



58

Incident Energy (MeV)

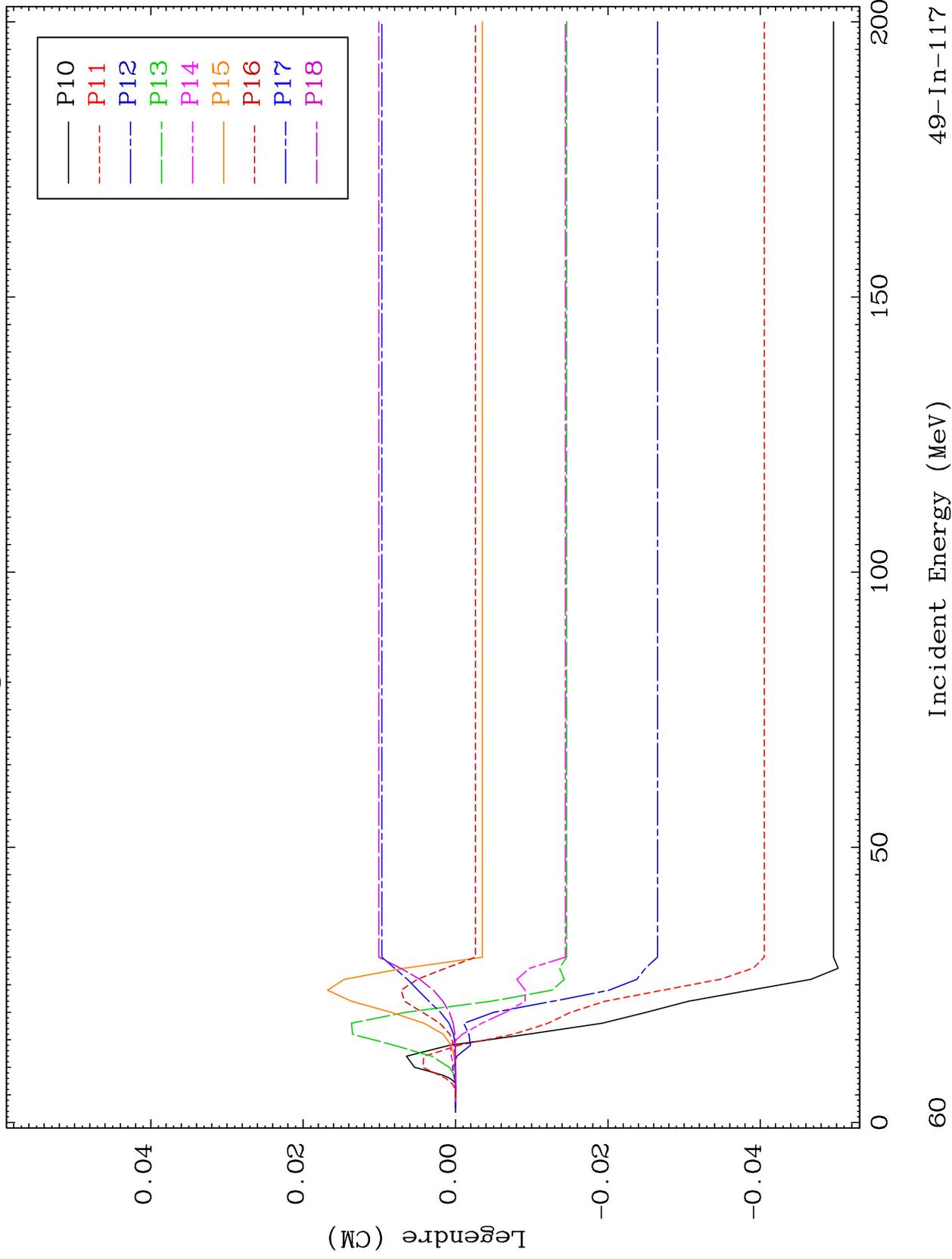
49-In-117



MAT 4937

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

49-In-117



49-In-117

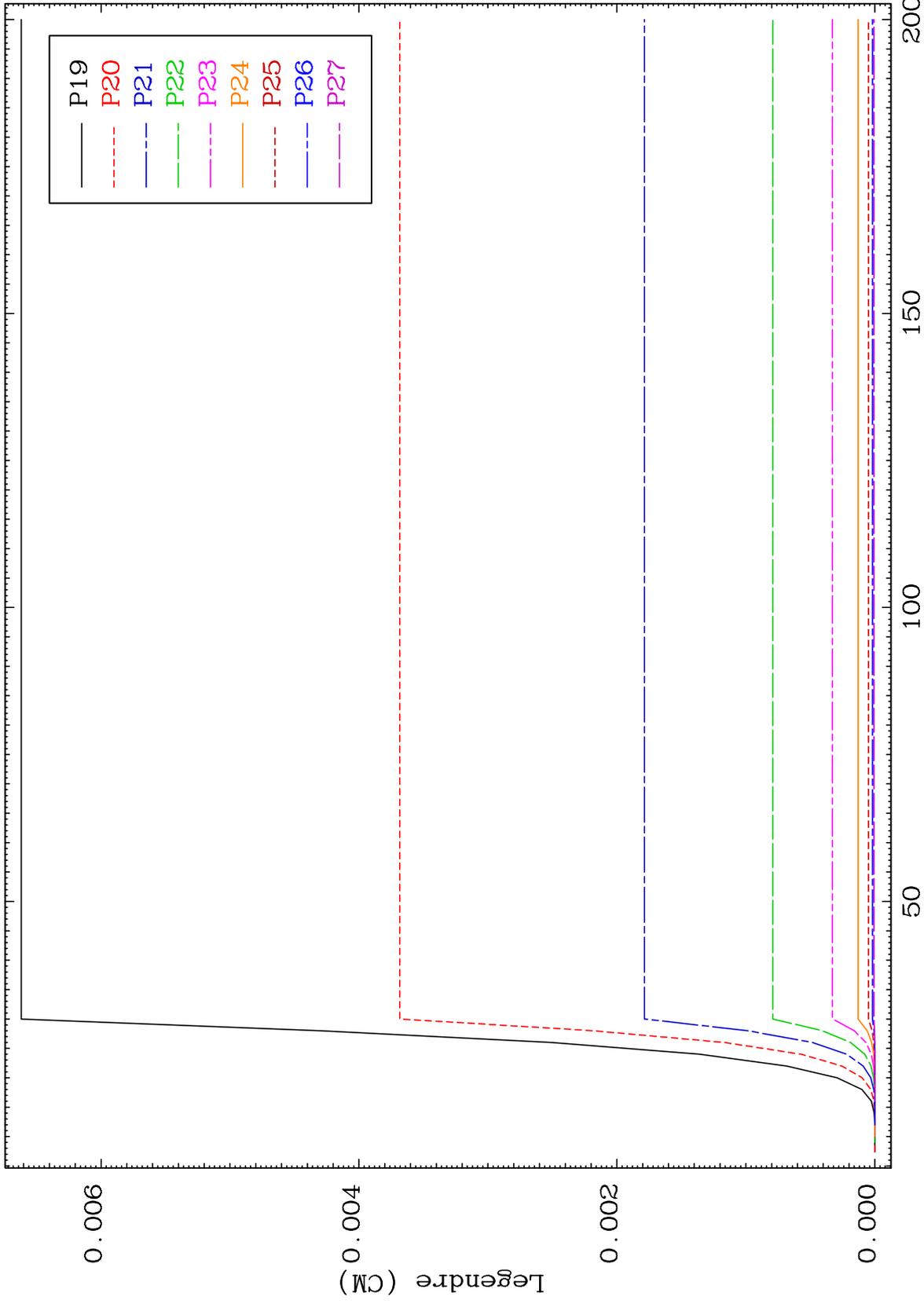
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MT= 62 (n,n') Level  
Legendre Coefficients

49-In-117



61

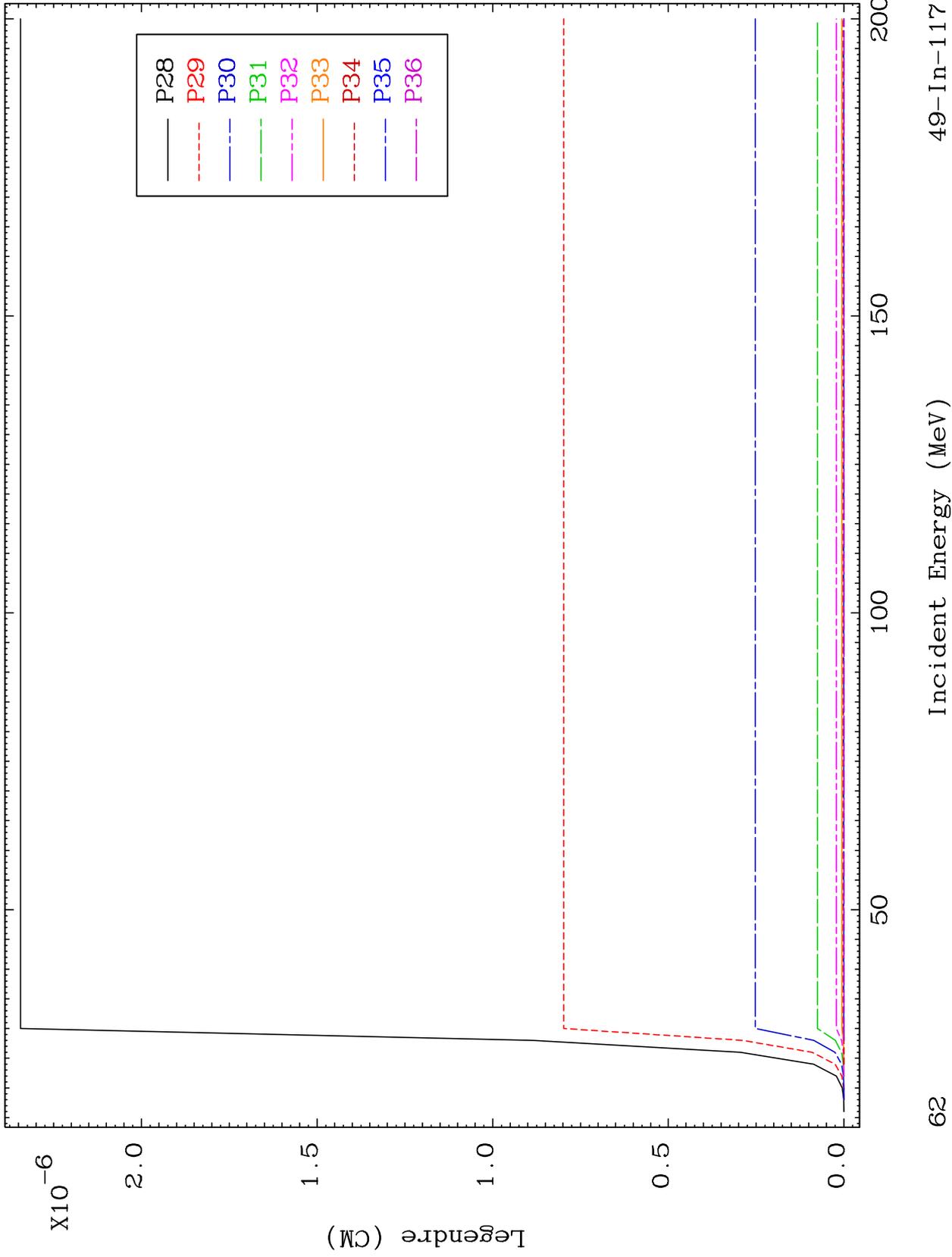
Incident Energy (MeV)

49-In-117

MAT 4937

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

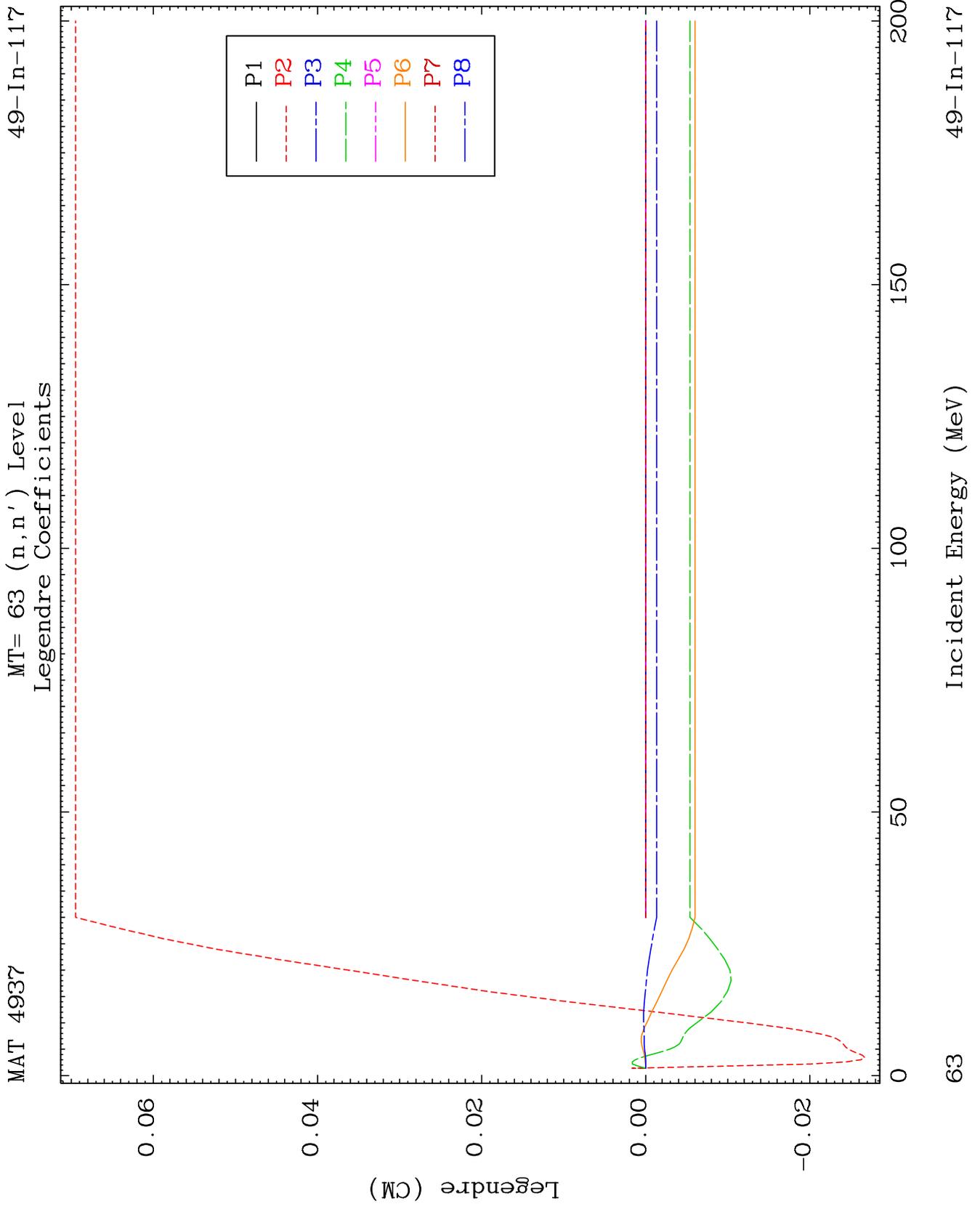
49-In-117



62

Incident Energy (MeV)

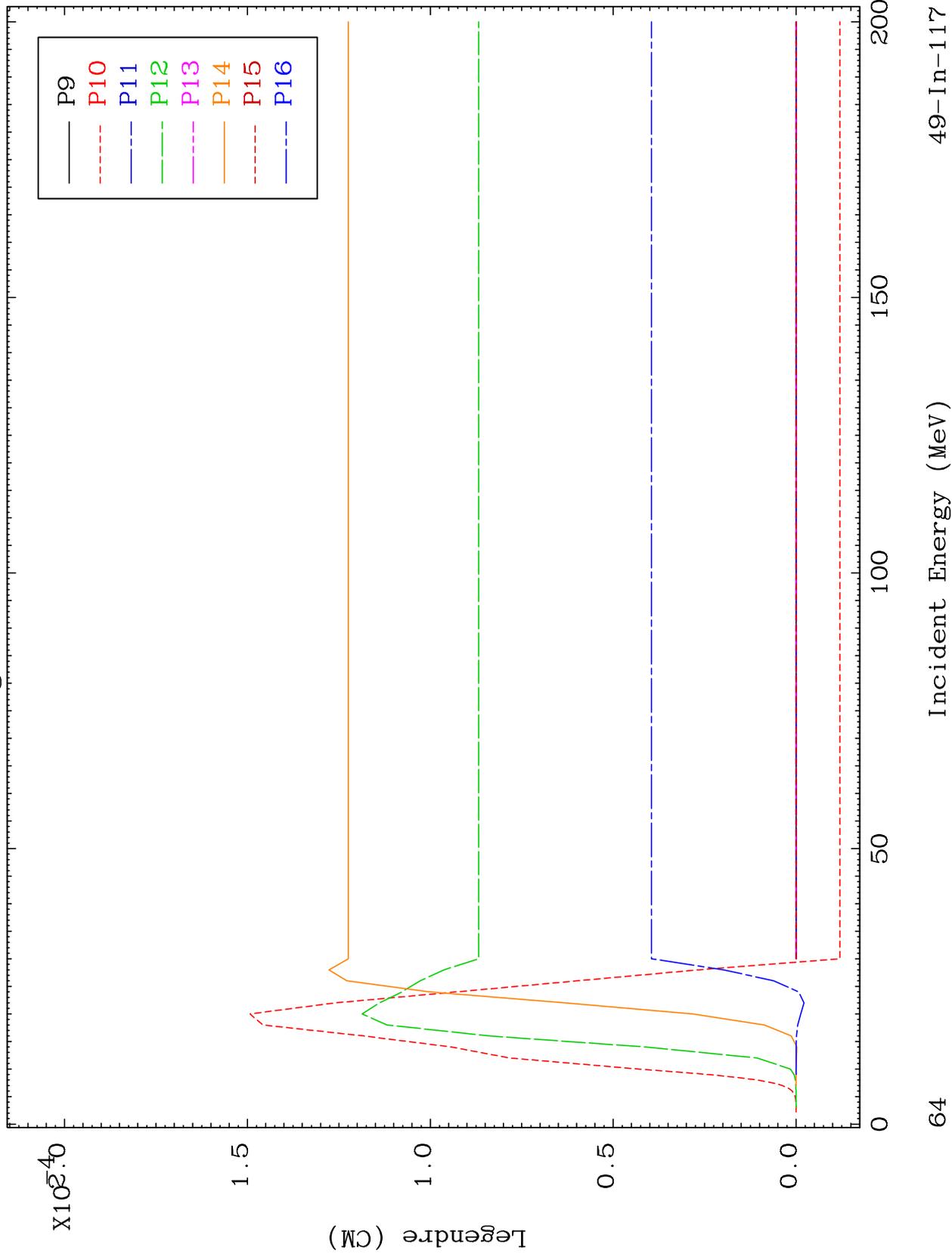
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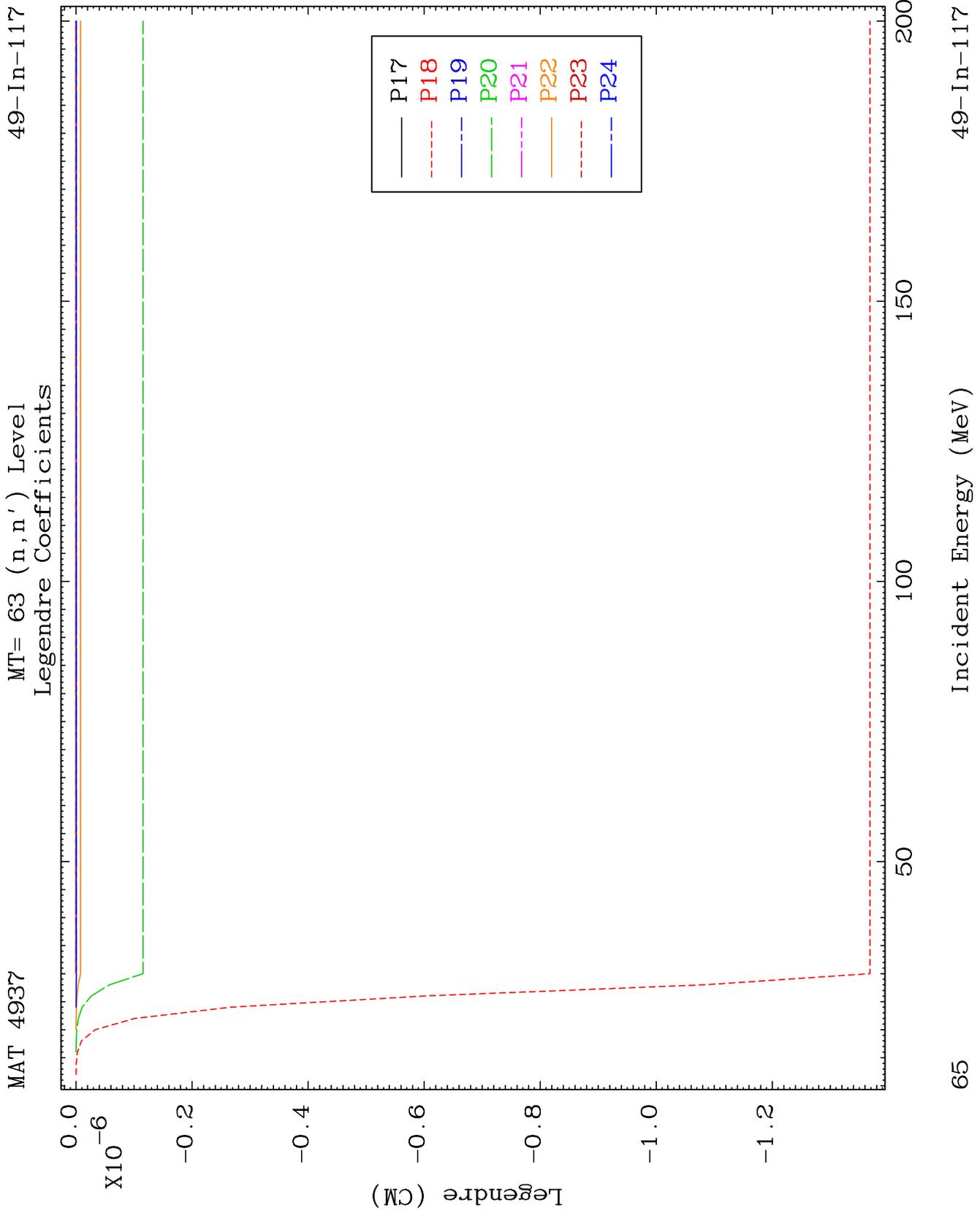


MAT 4937

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

49-In-117



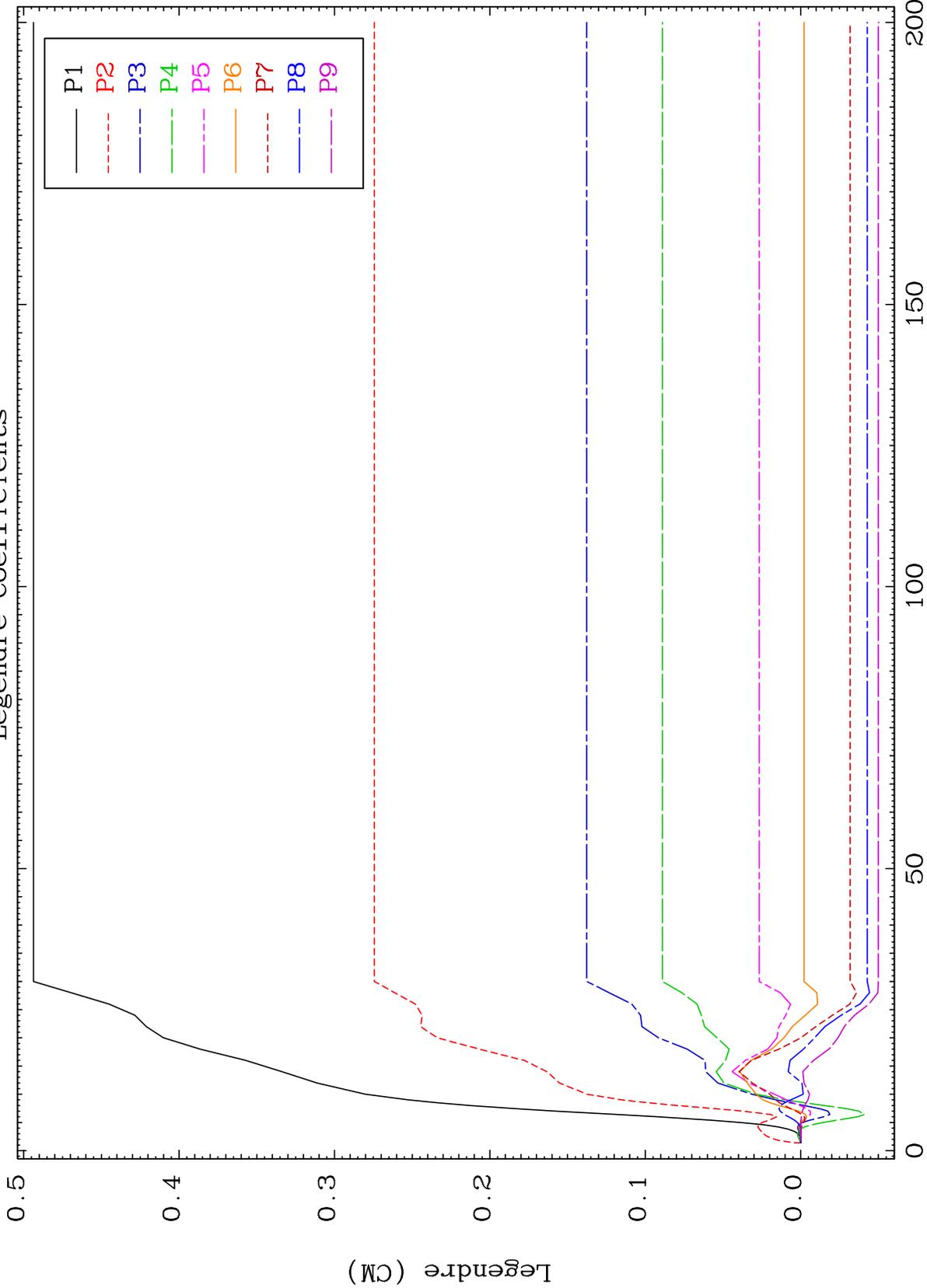


MAT 4937

MT= 64 (n,n') Level

49-In-117

Legendre Coefficients



66

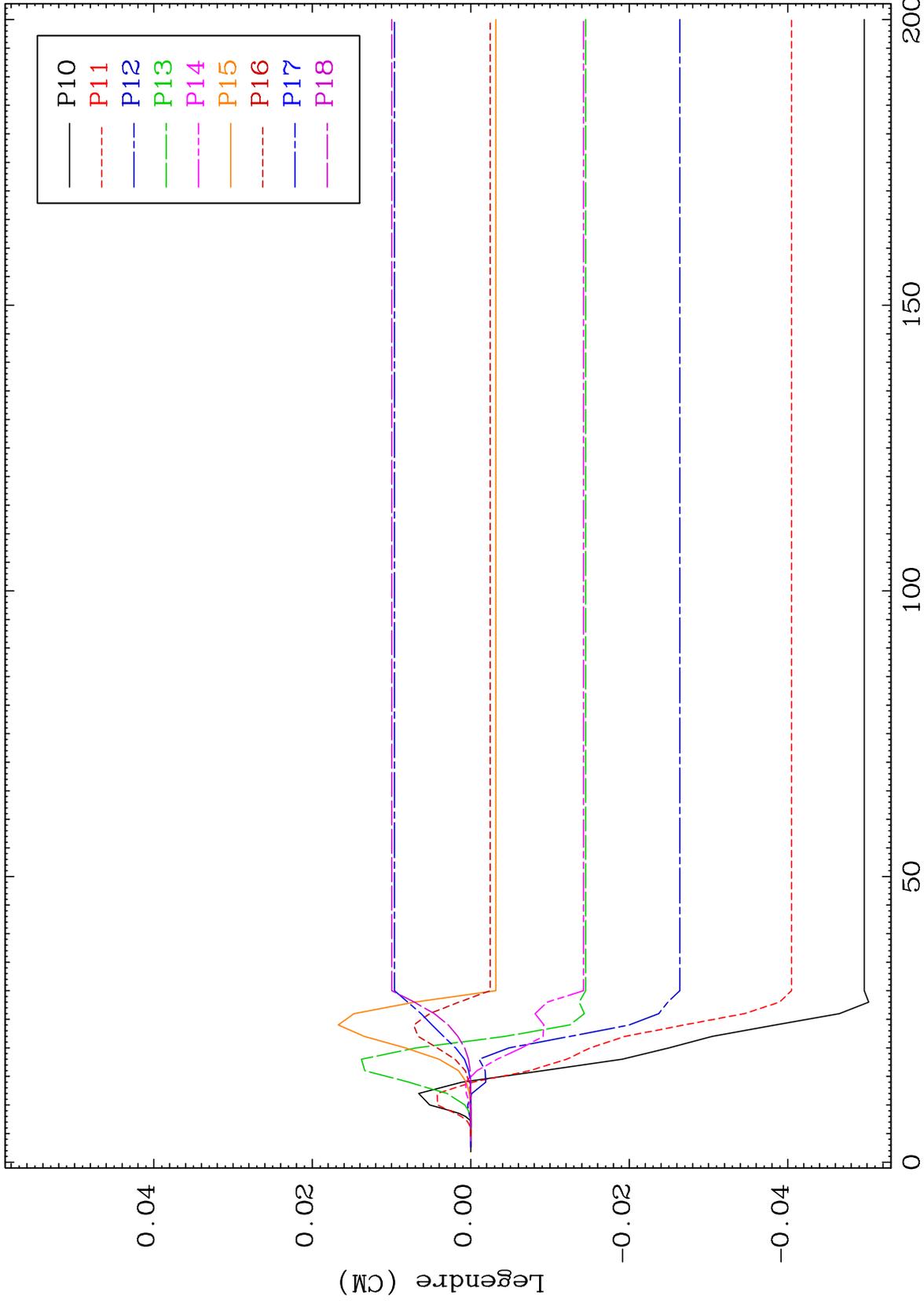
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



67

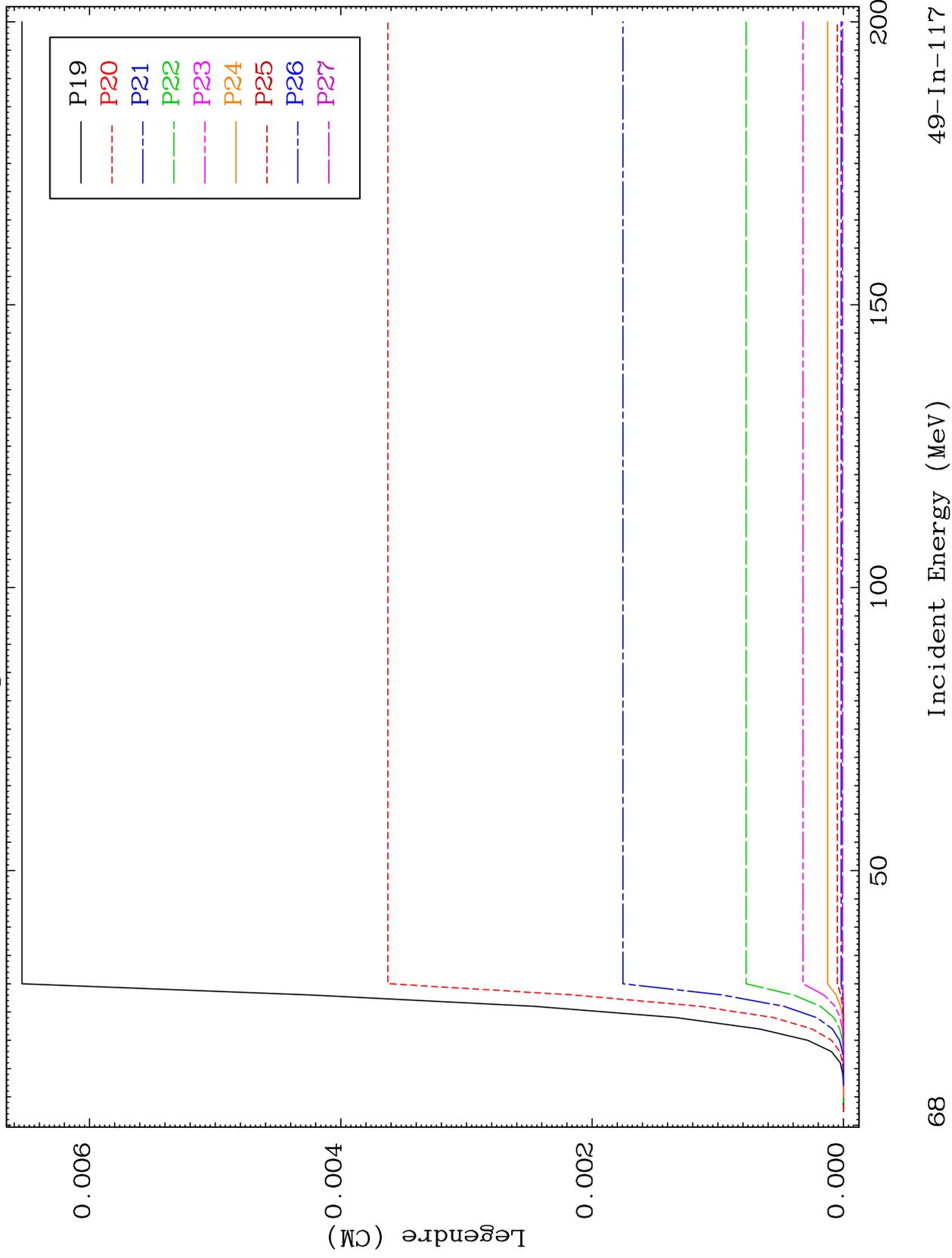
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



68

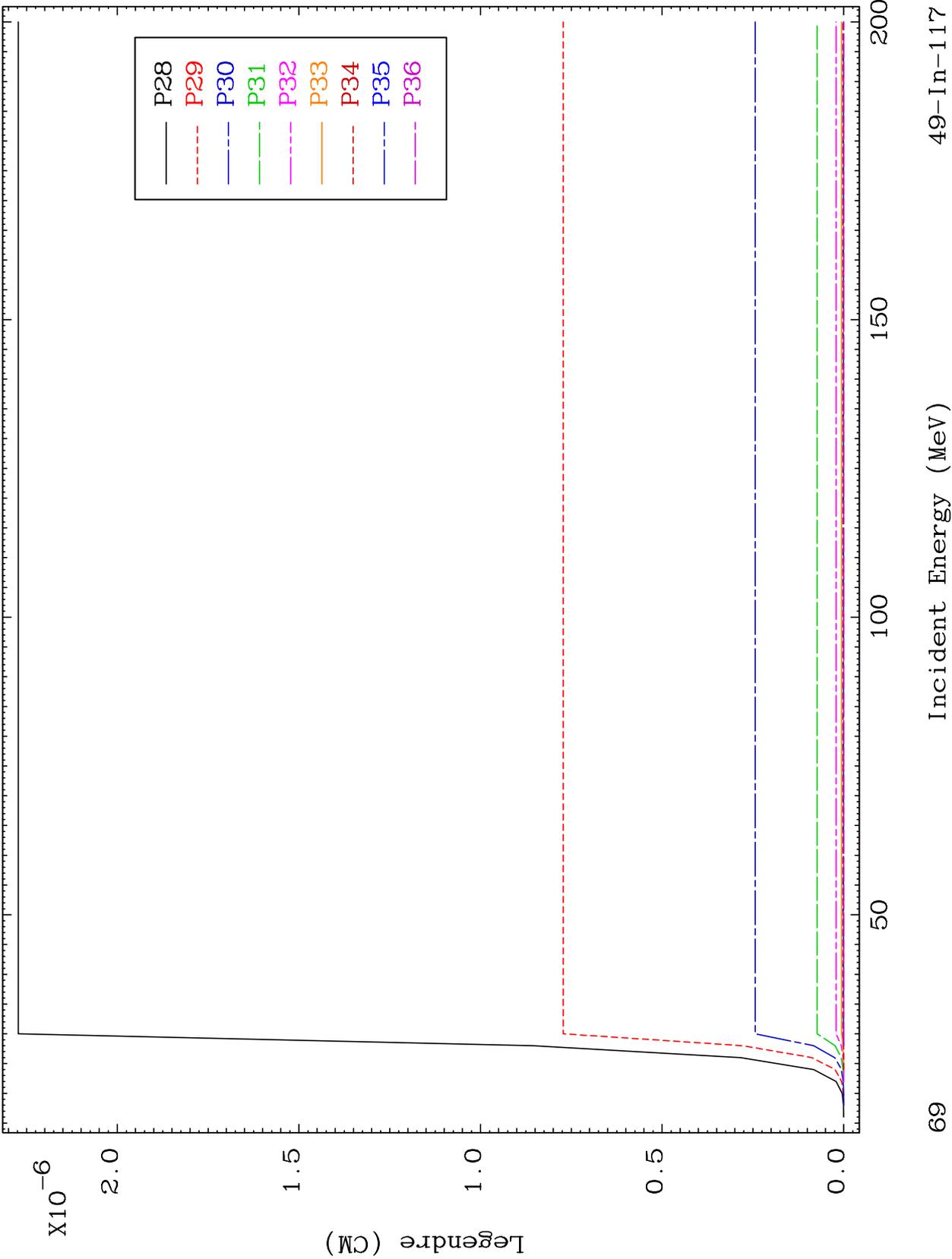
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



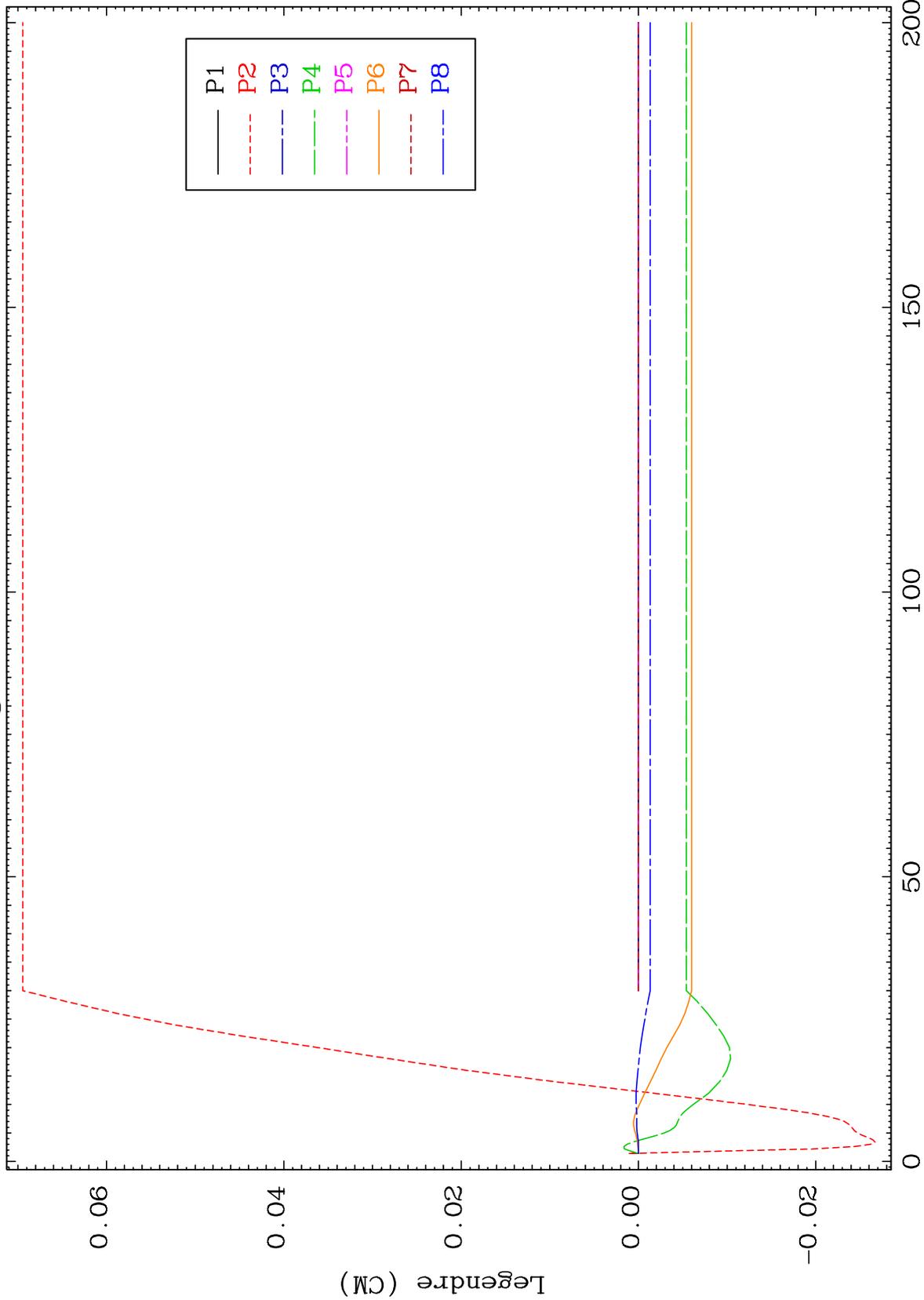
69

49-In-117

MAT 4937

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

49-In-117



49-In-117

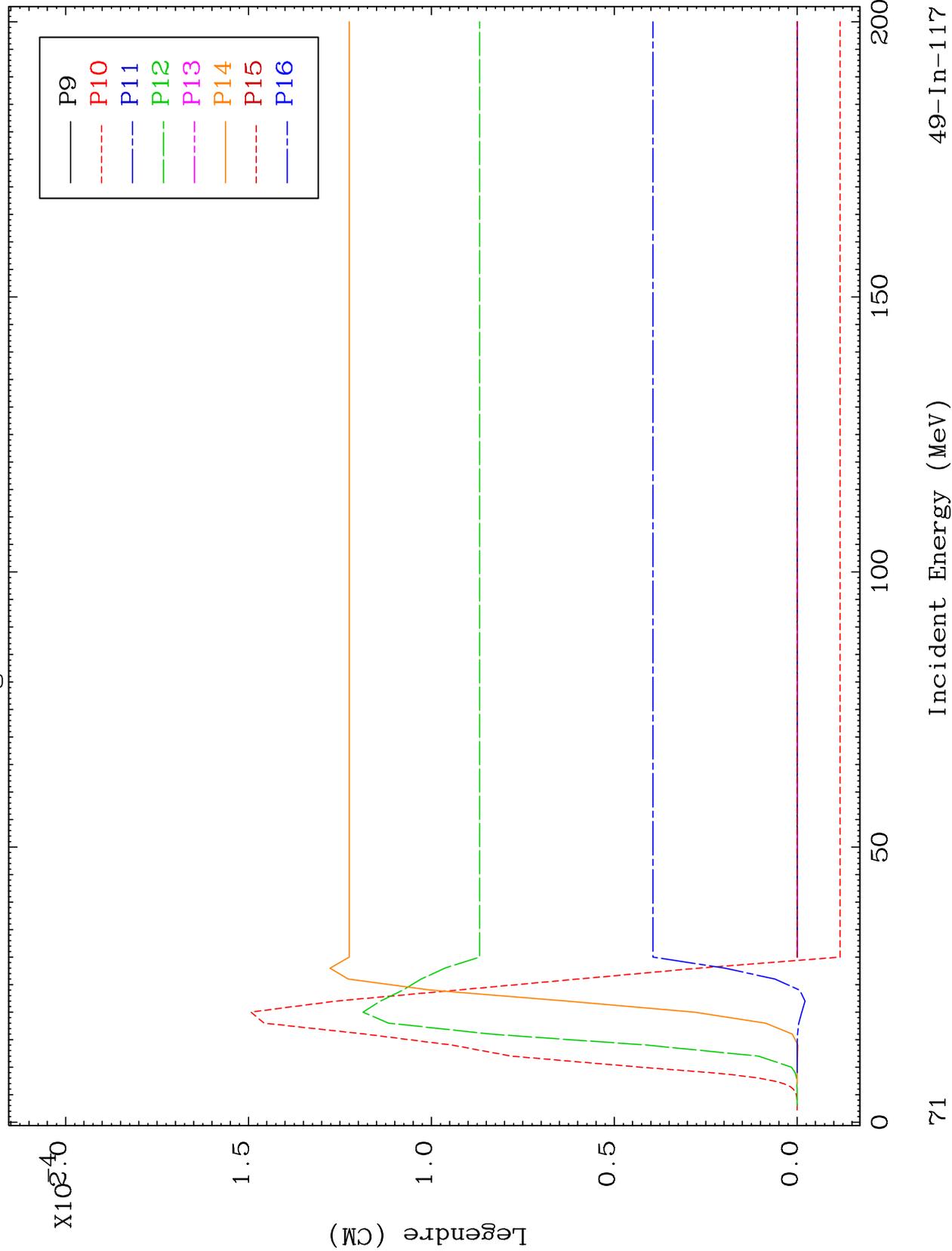
Incident Energy (MeV)

70

MAT 4937

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

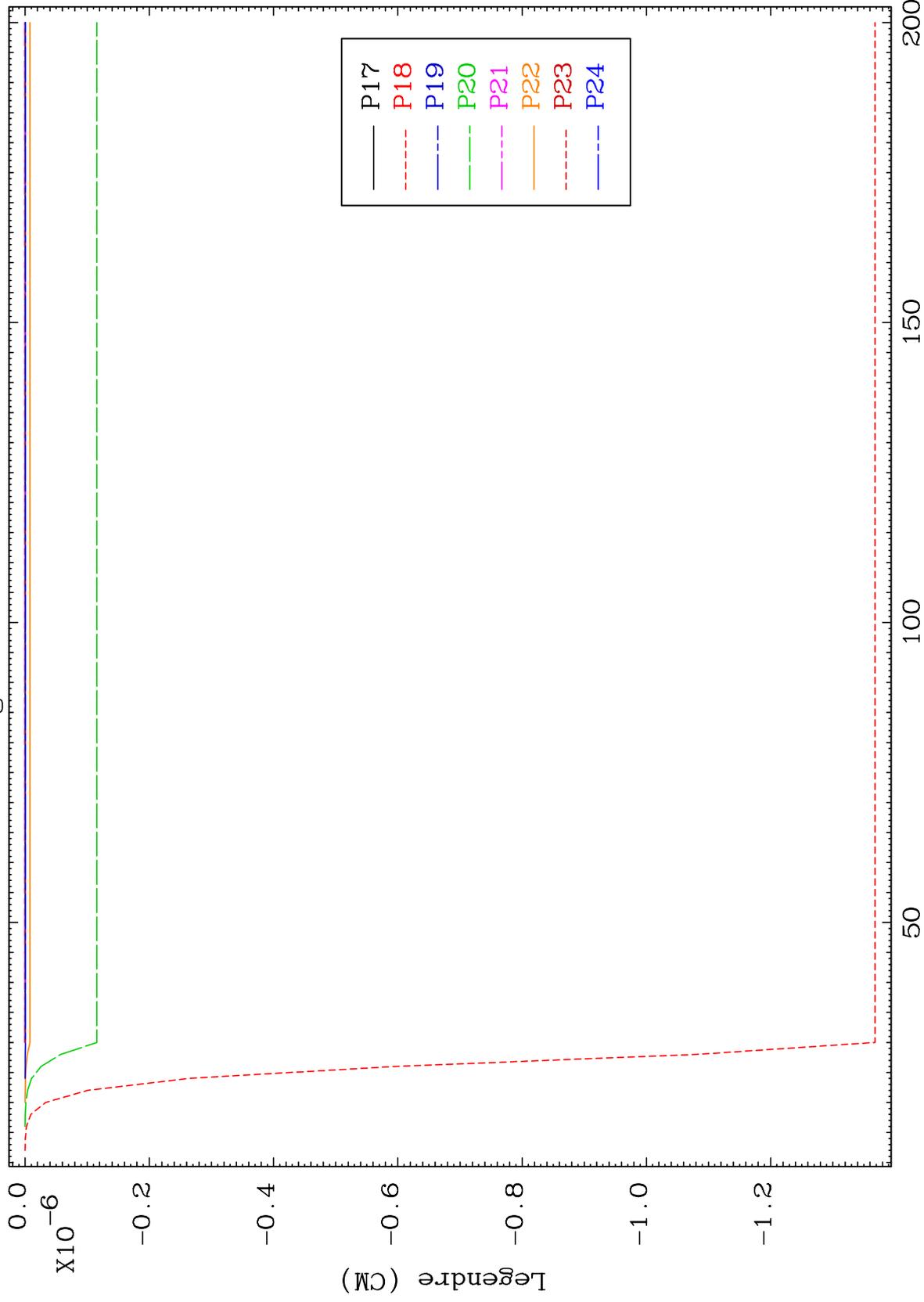
49-In-117



MAT 4937

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

49-In-117



72

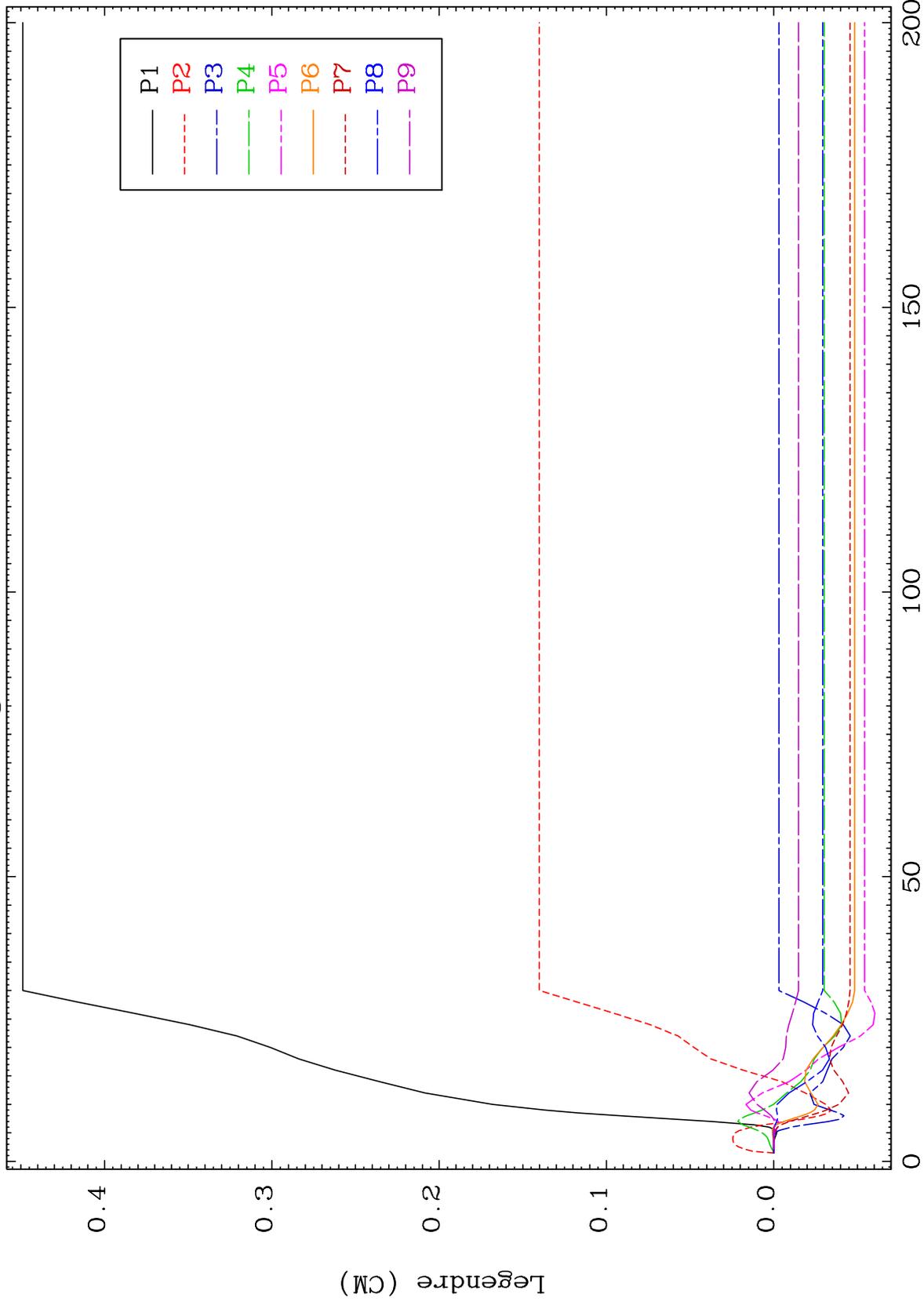
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



73

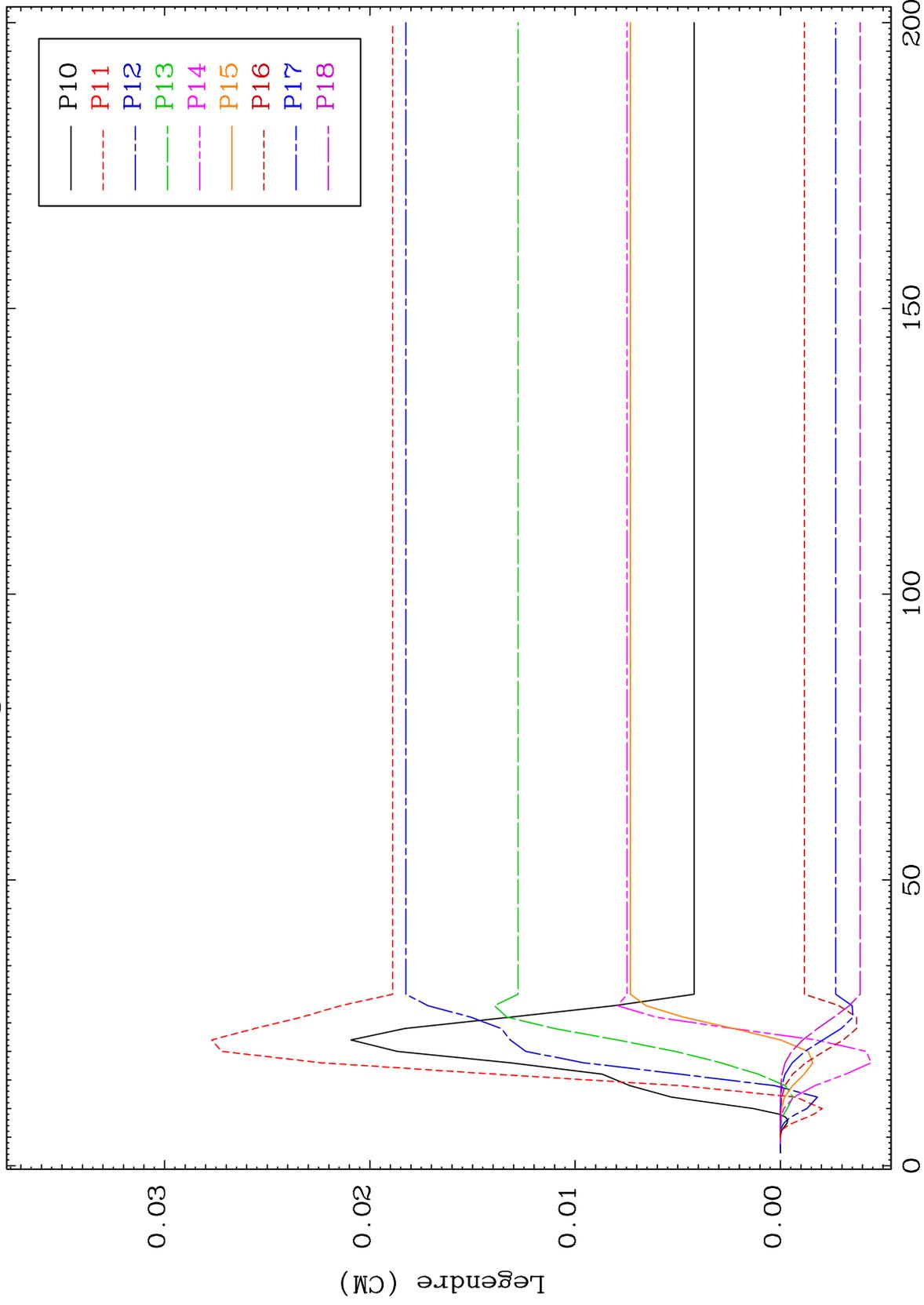
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



74

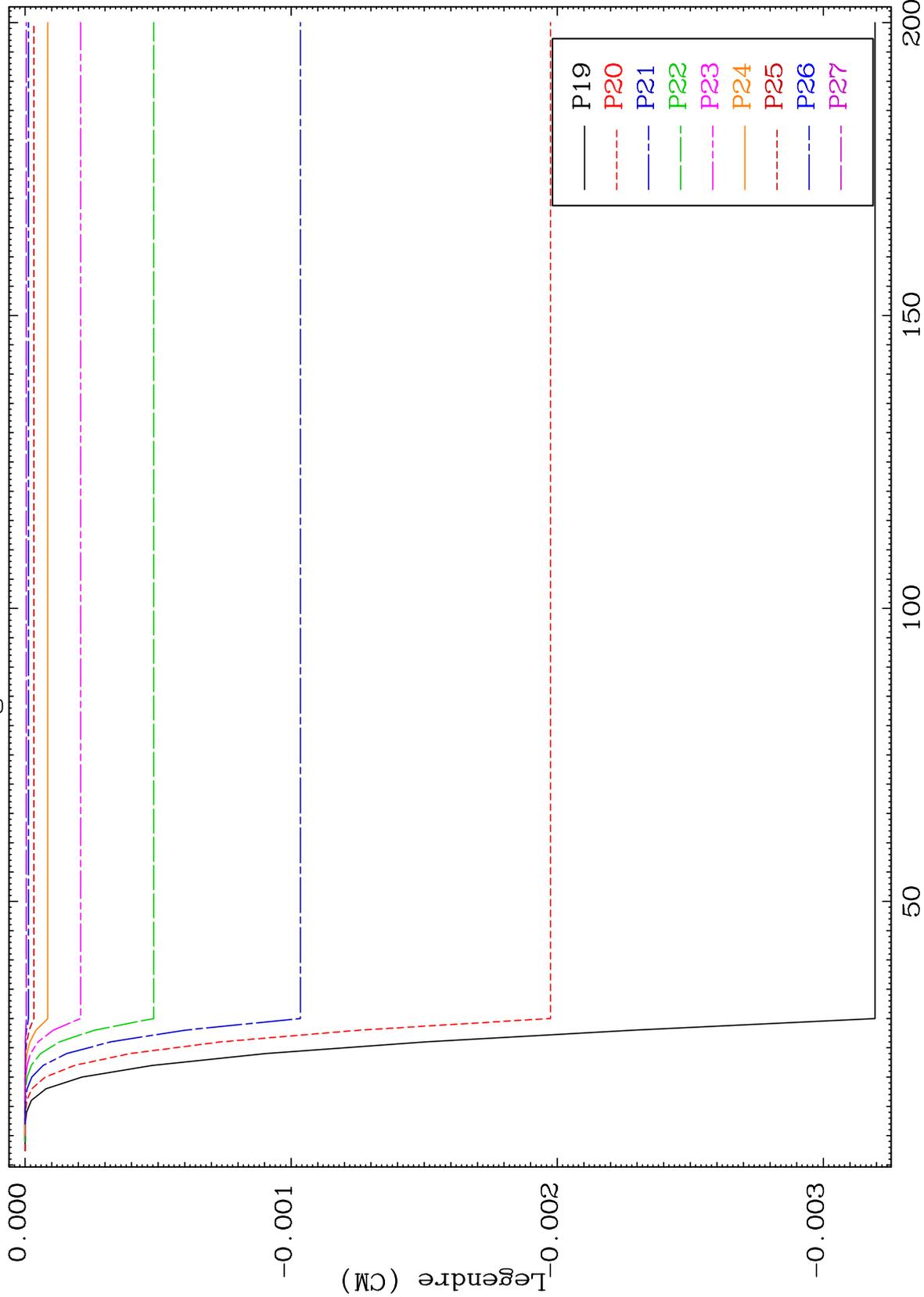
Incident Energy (MeV)

49-In-117

MAT 4937

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

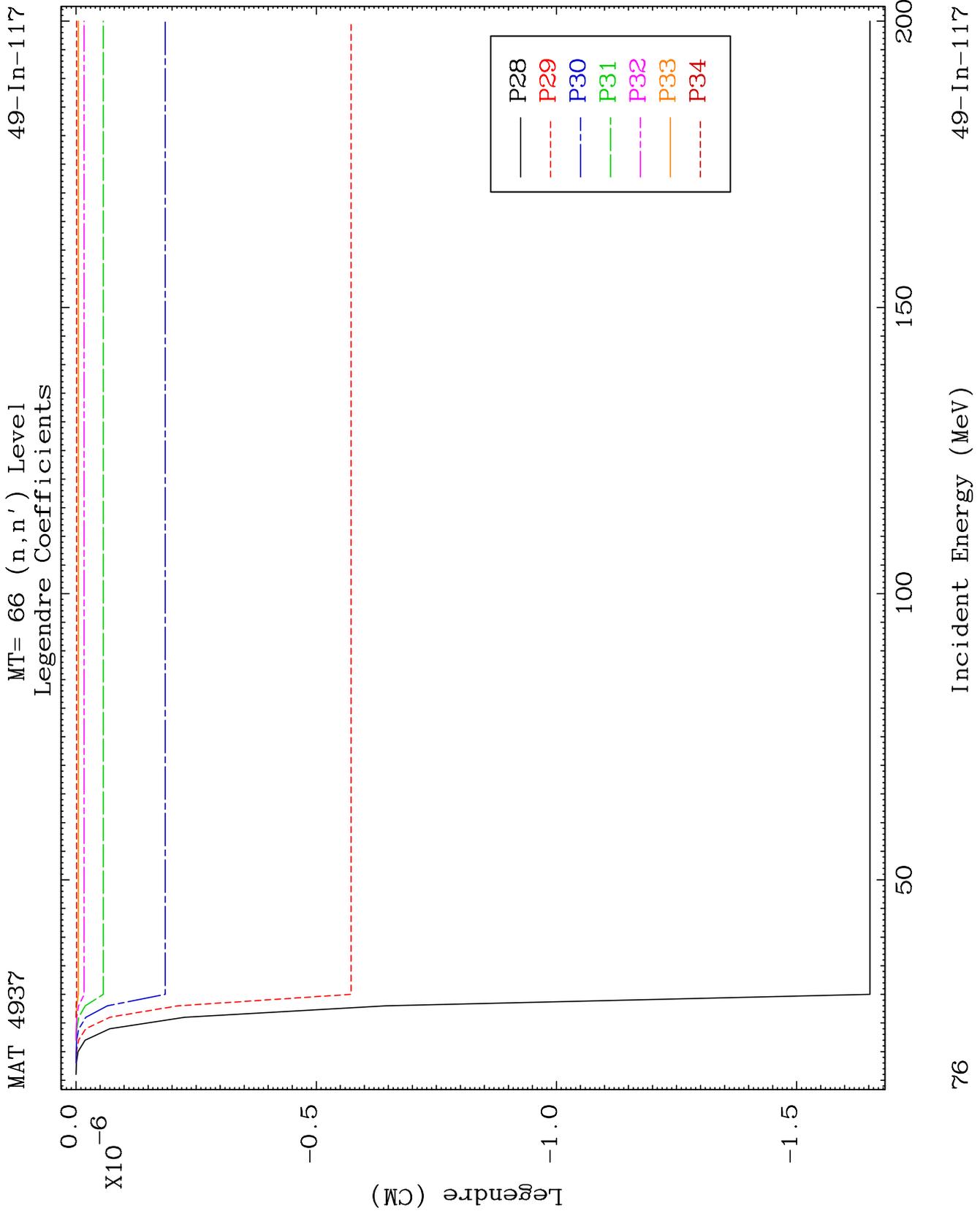
49-In-117

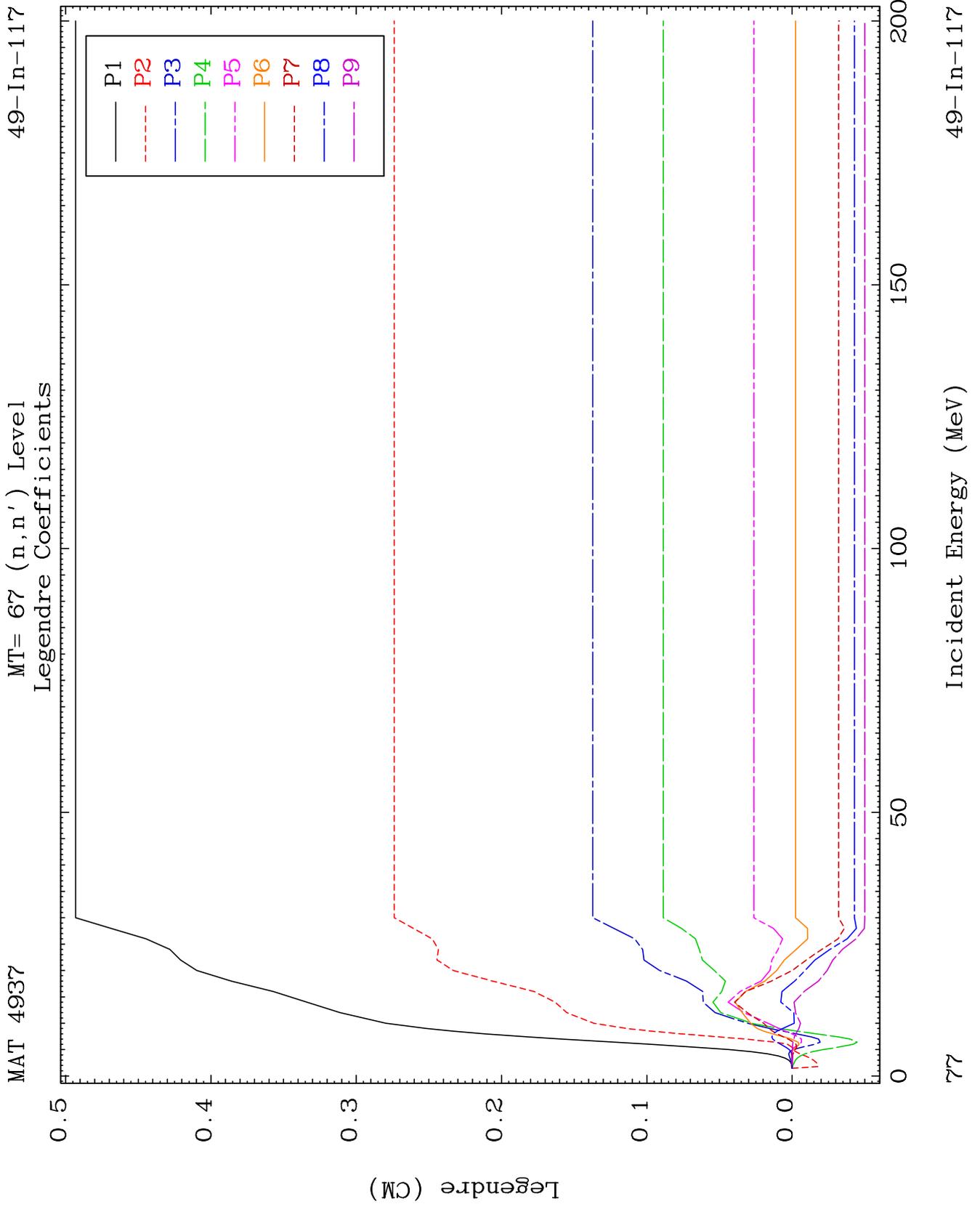


49-In-117

Incident Energy (MeV)

75

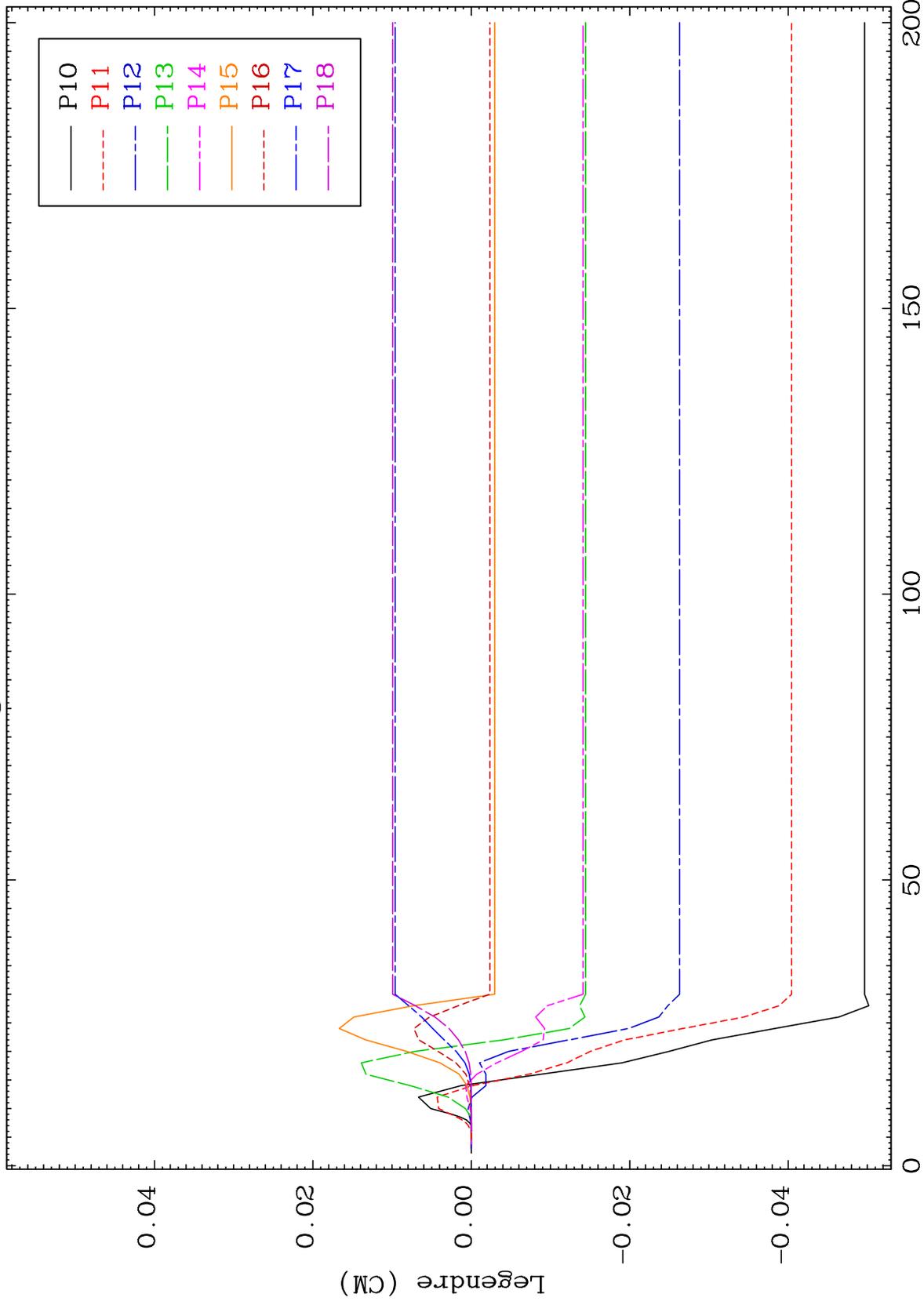




MAT 4937

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

49-In-117



78

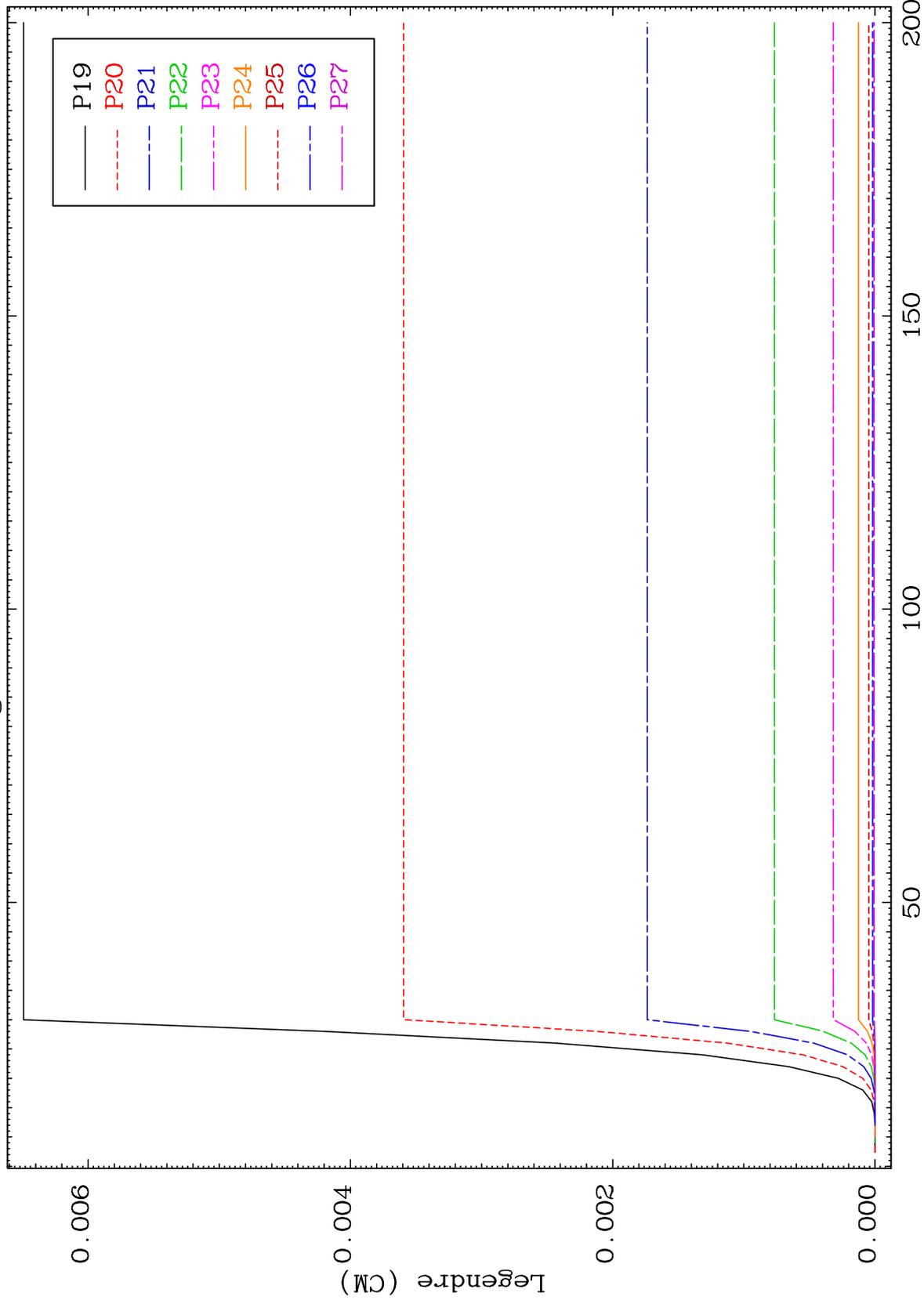
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



79

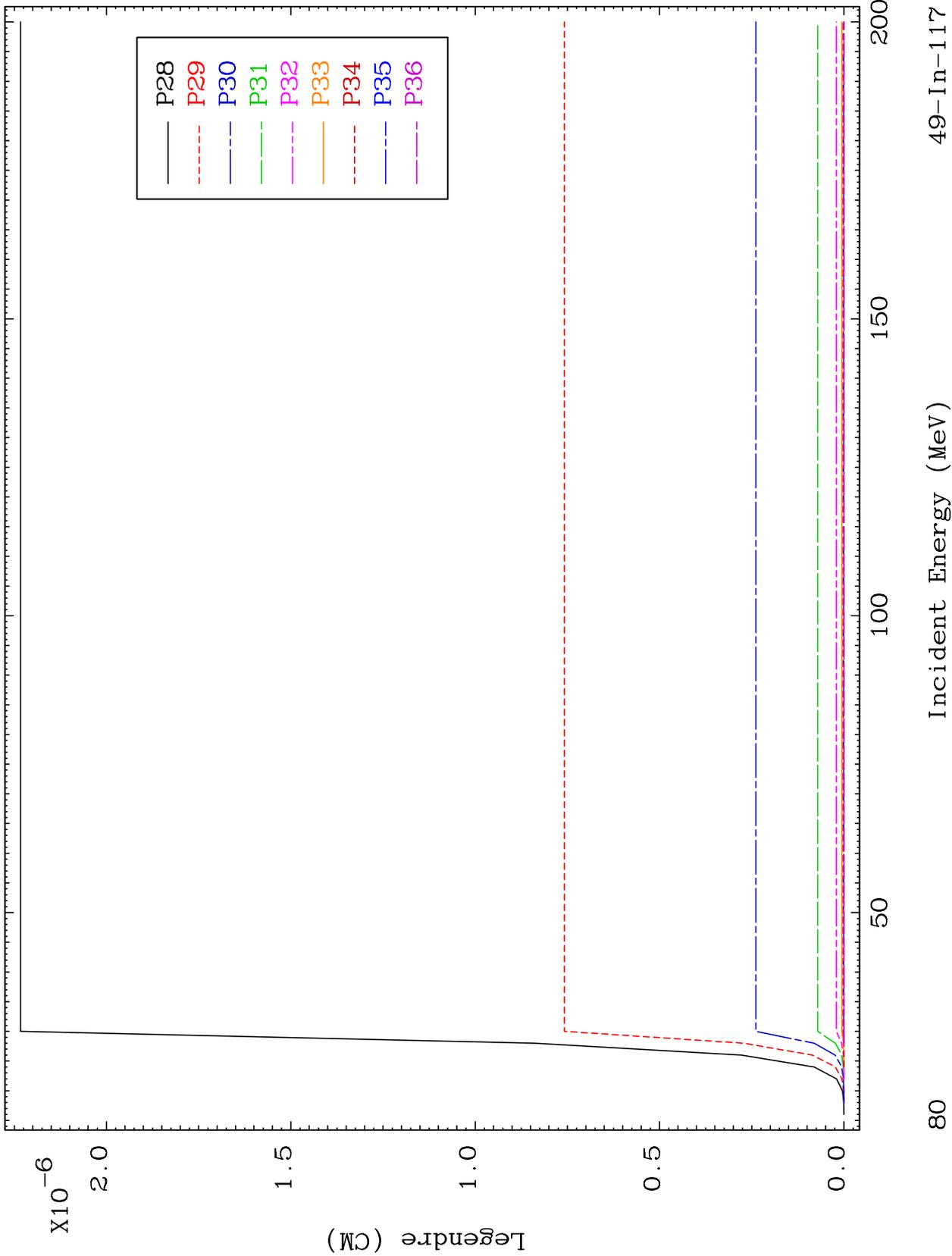
Incident Energy (MeV)

49-In-117

MAT 4937

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

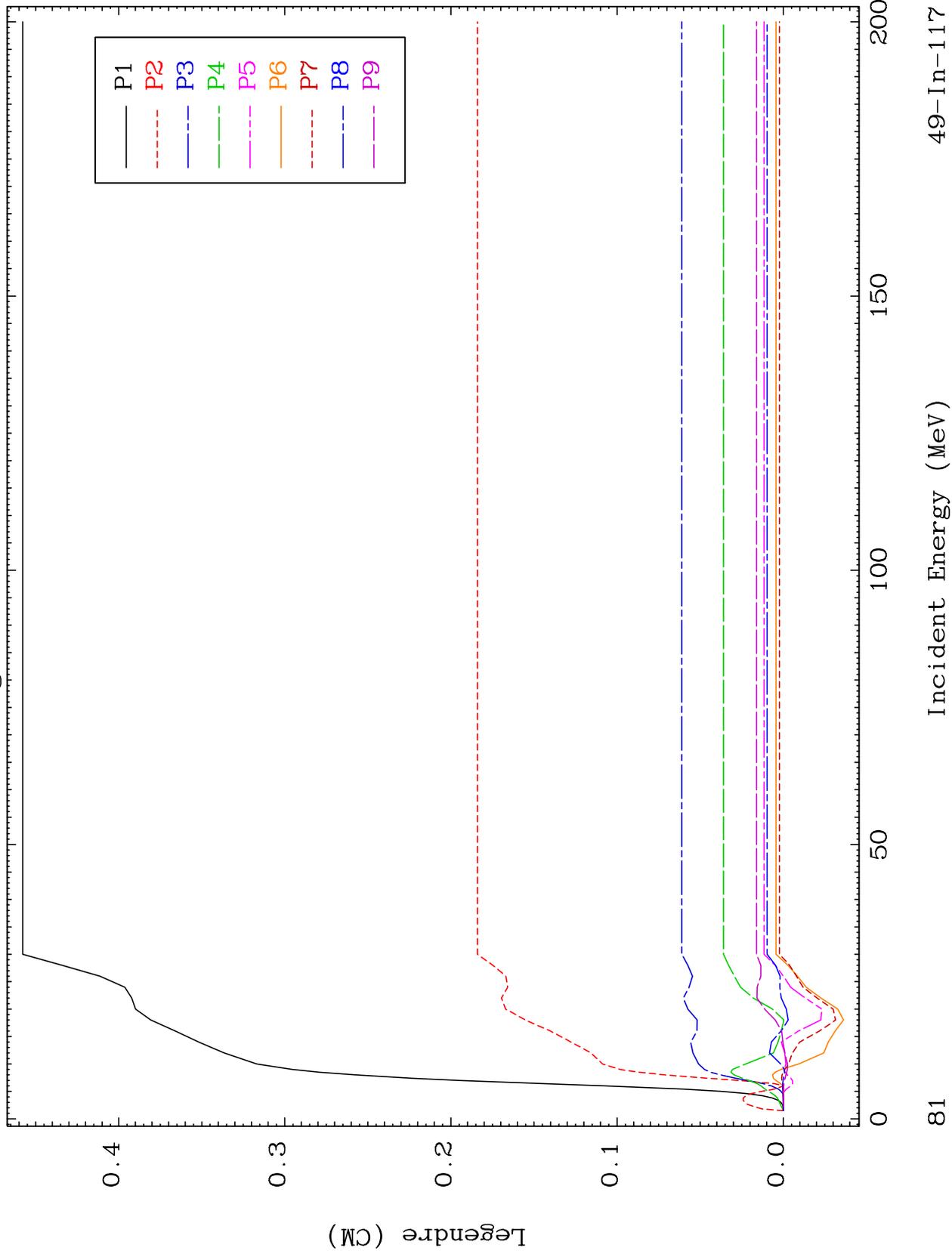
49-In-117



MAT 4937

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

49-In-117



81

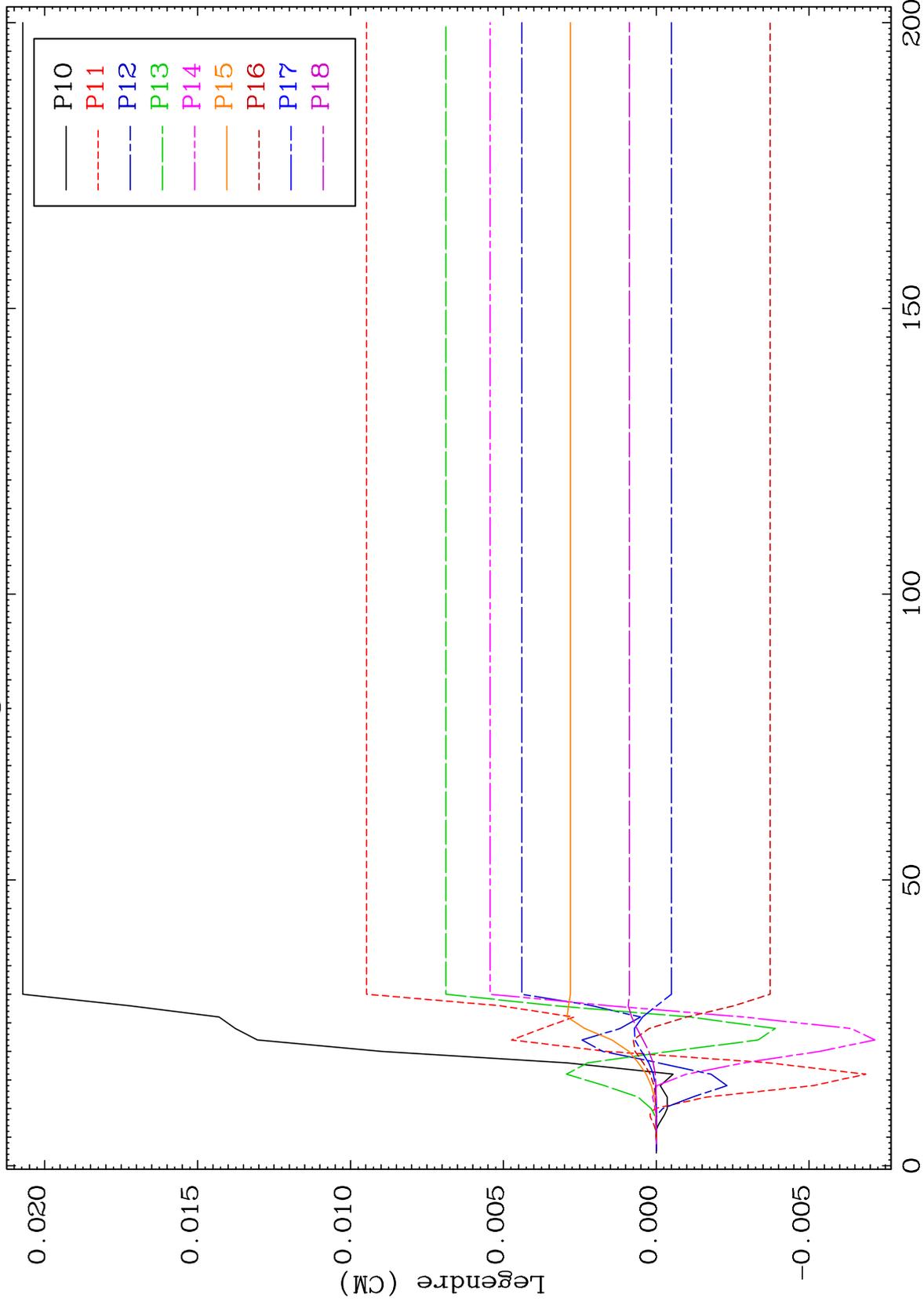
Incident Energy (MeV)

49-In-117

MAT 4937

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

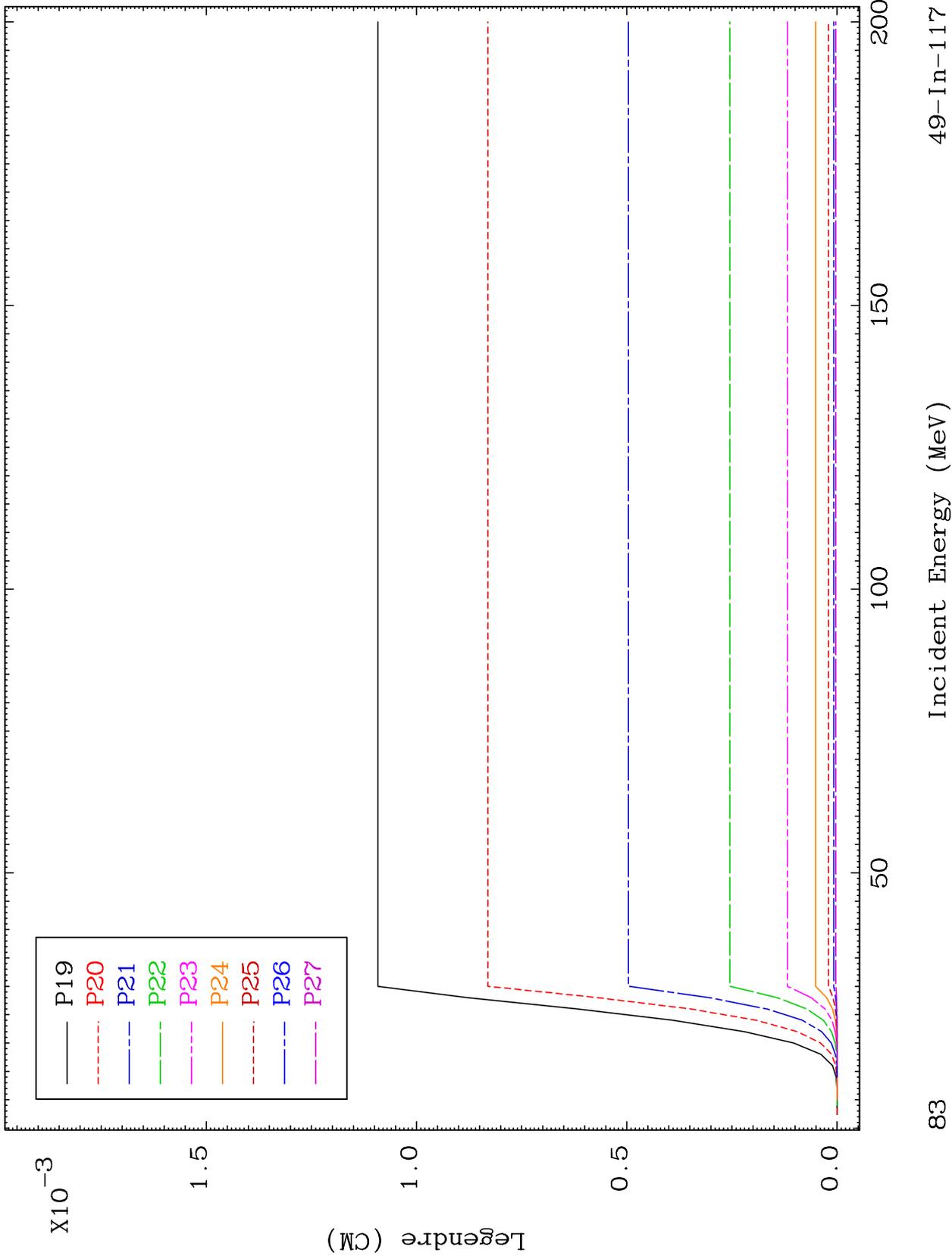
49-In-117



82

Incident Energy (MeV)

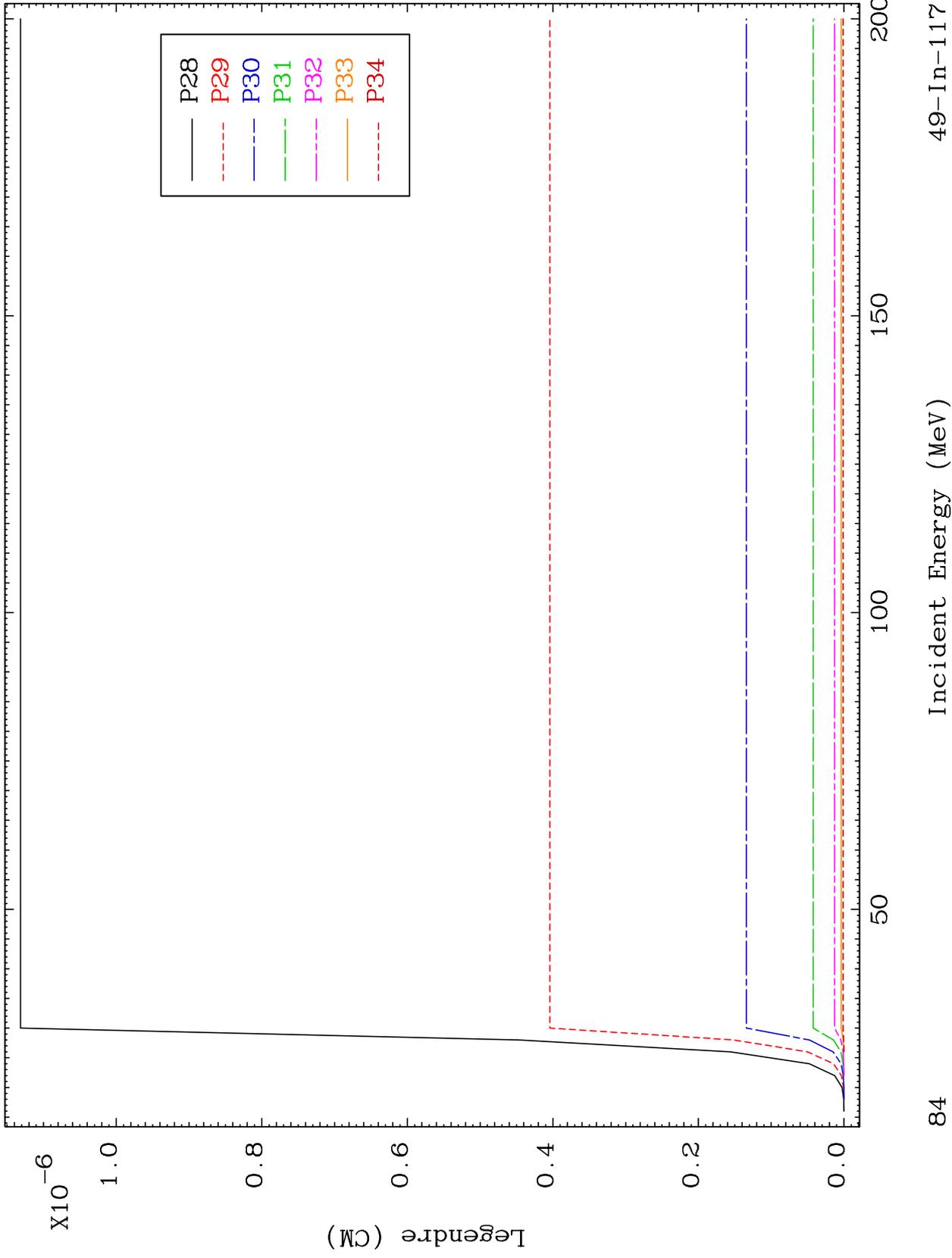
49-In-117



MAT 4937

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

49-In-117



84

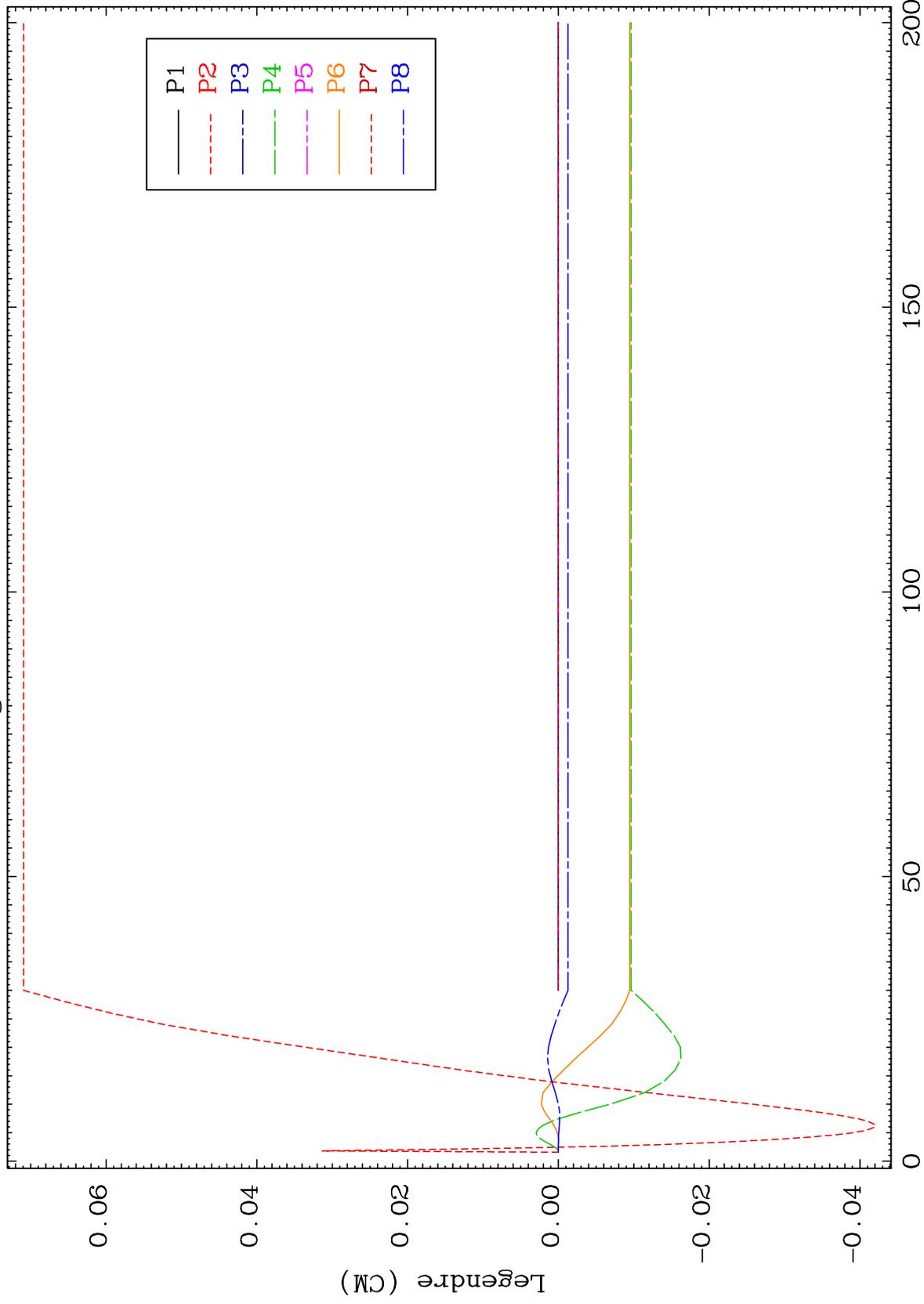
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



49-In-117

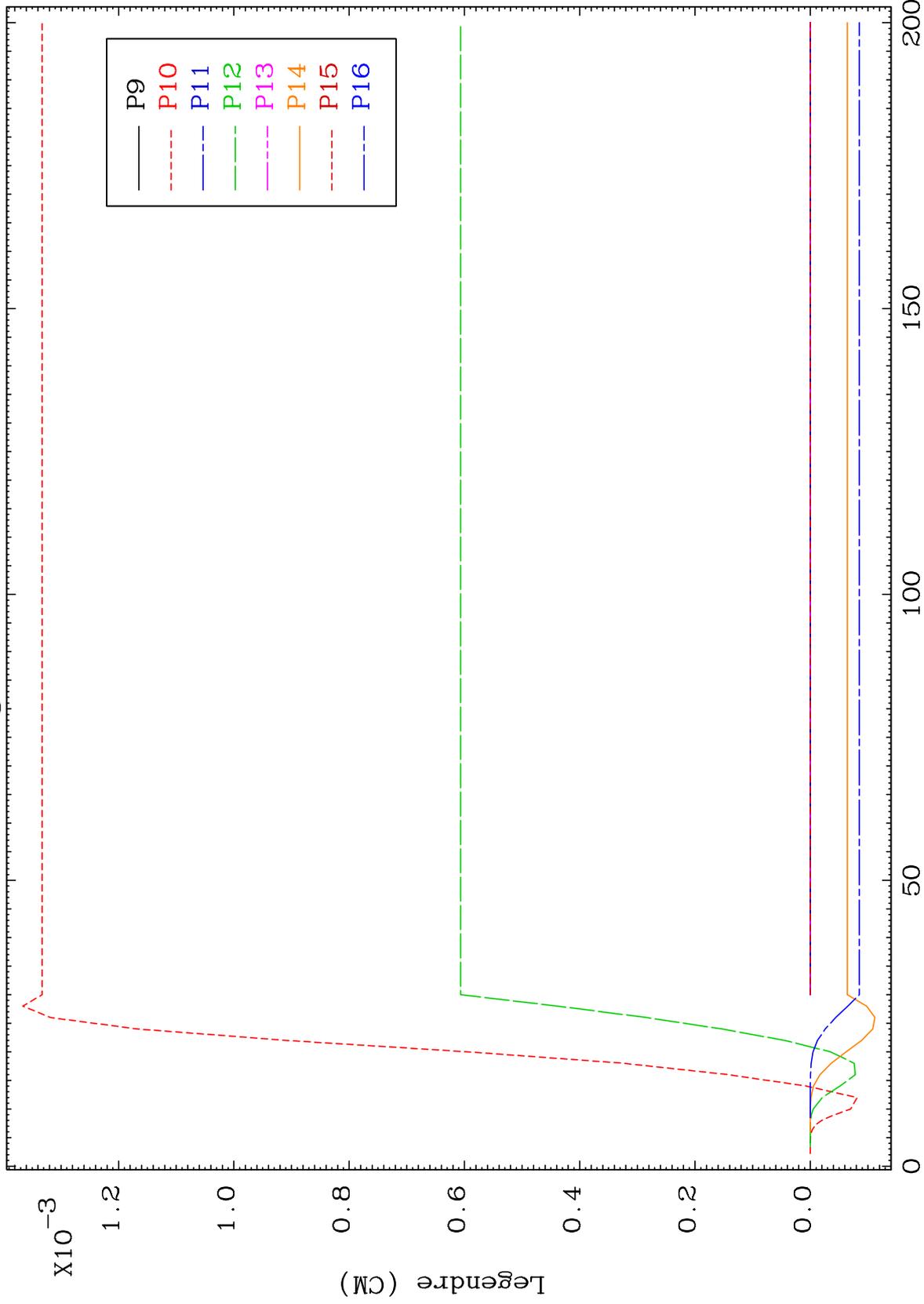
Incident Energy (MeV)

85

MAT 4937

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

49-In-117



86

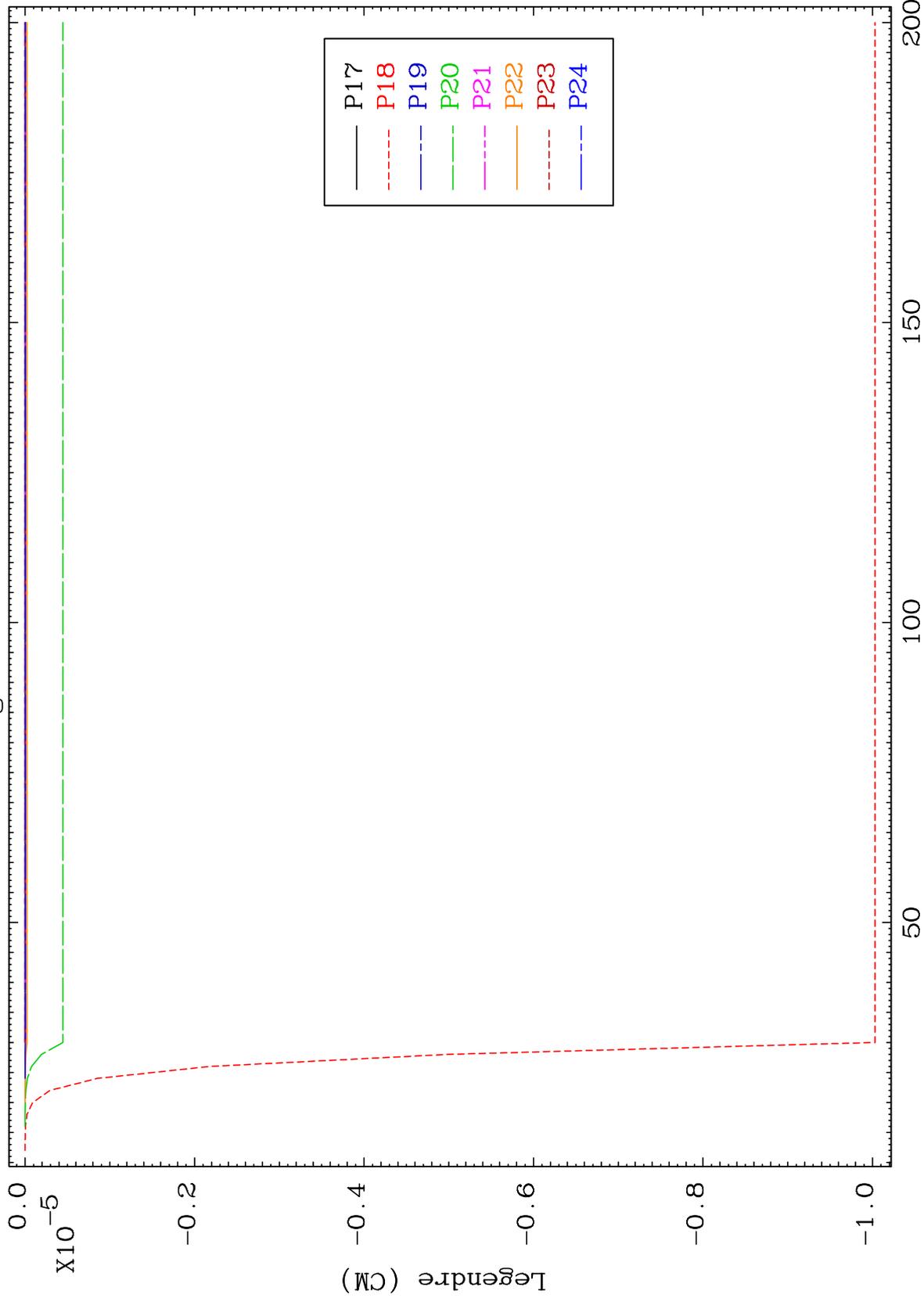
Incident Energy (MeV)

49-In-117

MAT 4937

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

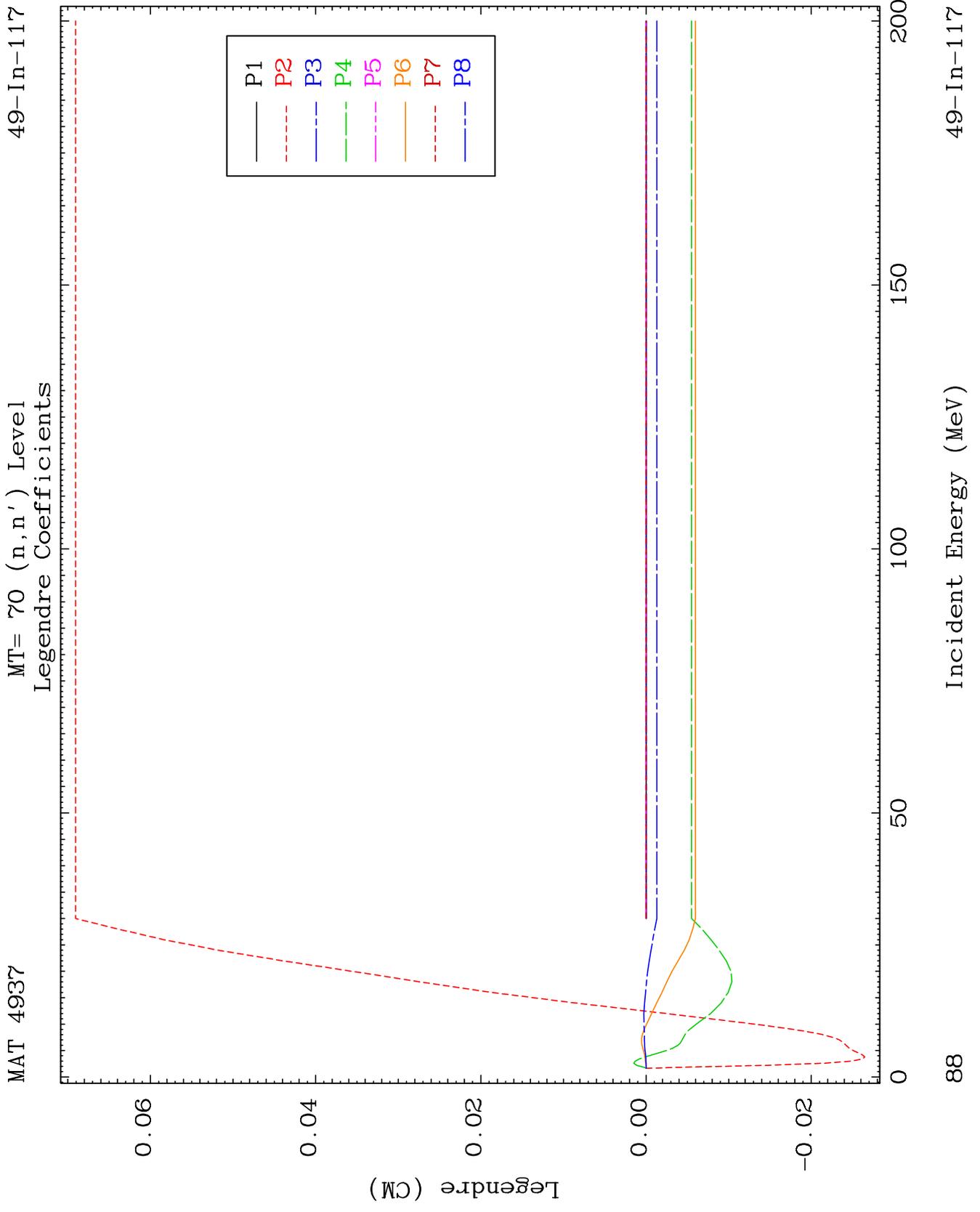
49-In-117



87

Incident Energy (MeV)

49-In-117

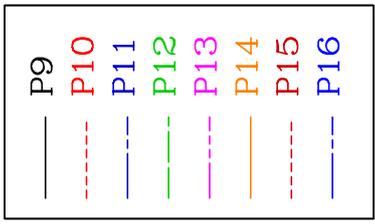


MAT 4937

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

49-In-117

$\times 10^{-40}$



Legendre (CM)

1.5  
1.0  
0.5  
0.0

0

50

100

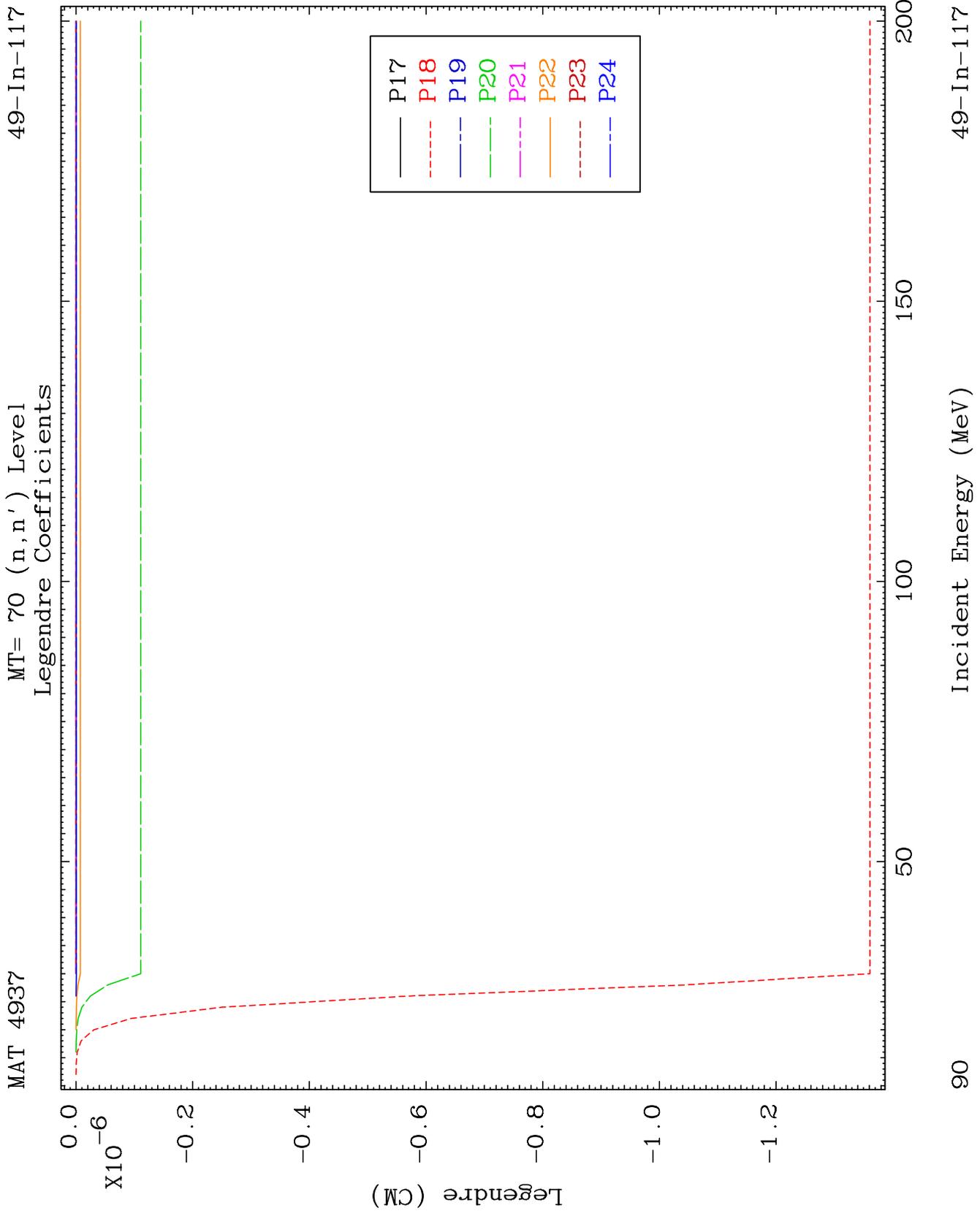
150

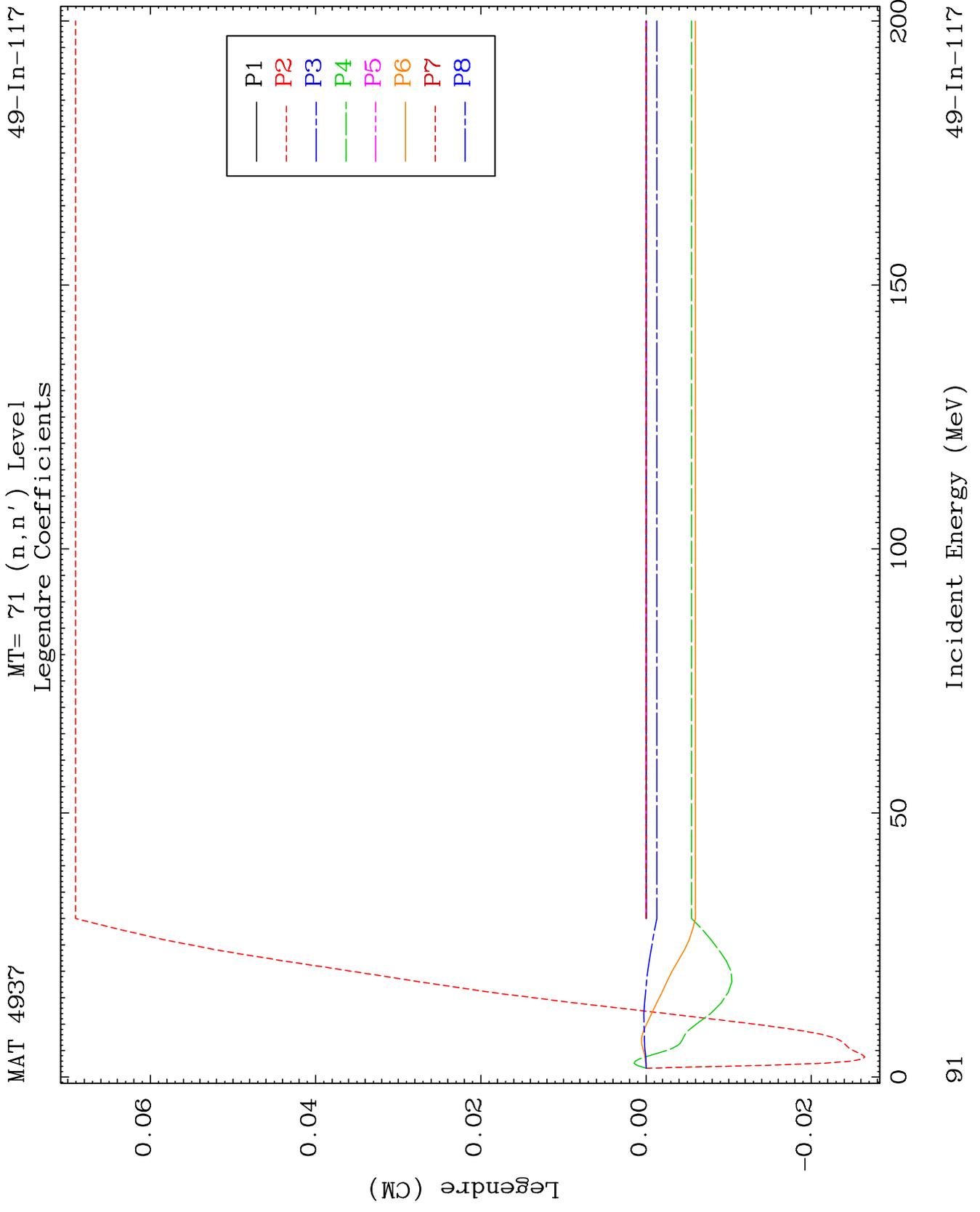
200

89

Incident Energy (MeV)

49-In-117

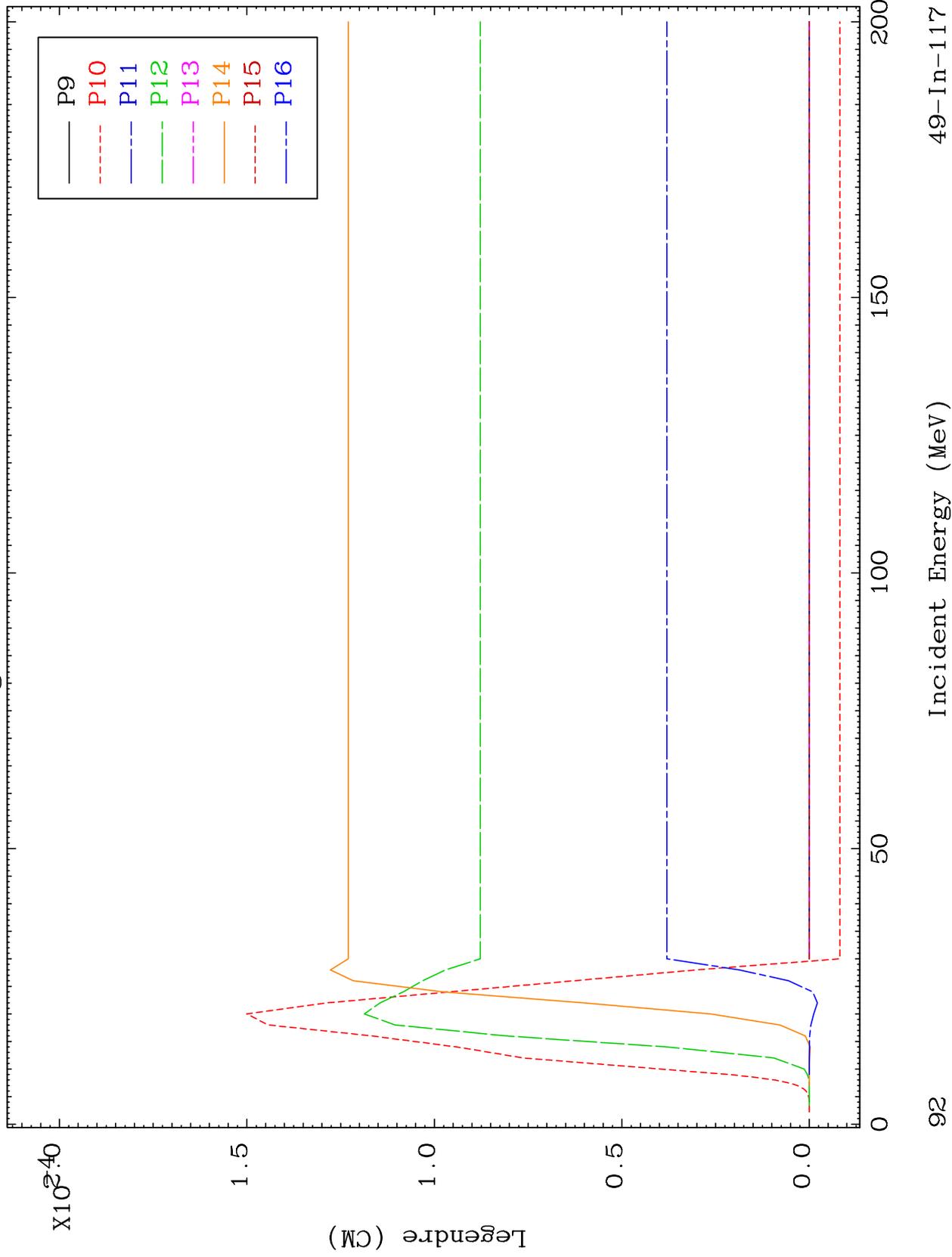




MAT 4937

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

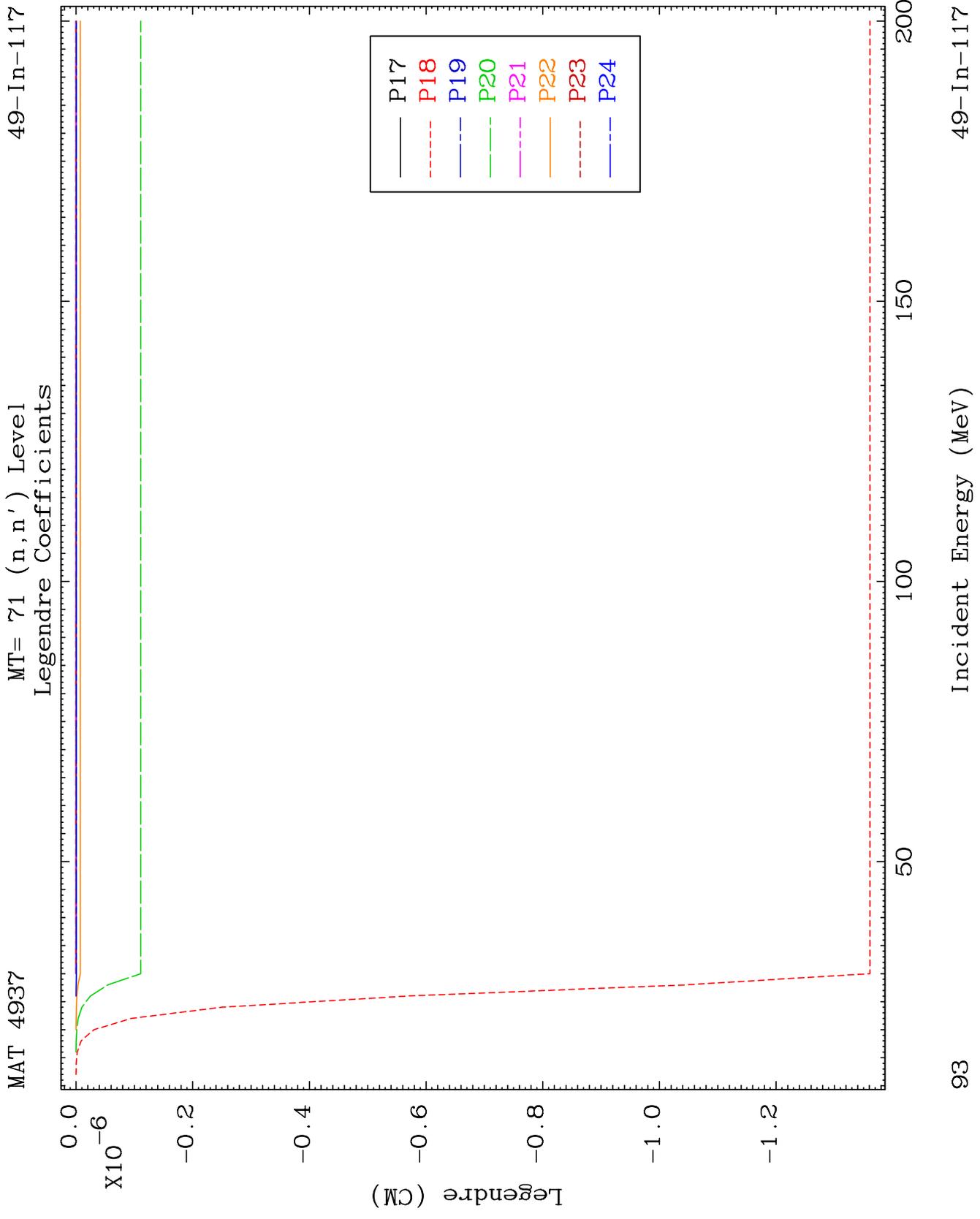
49-In-117



92

Incident Energy (MeV)

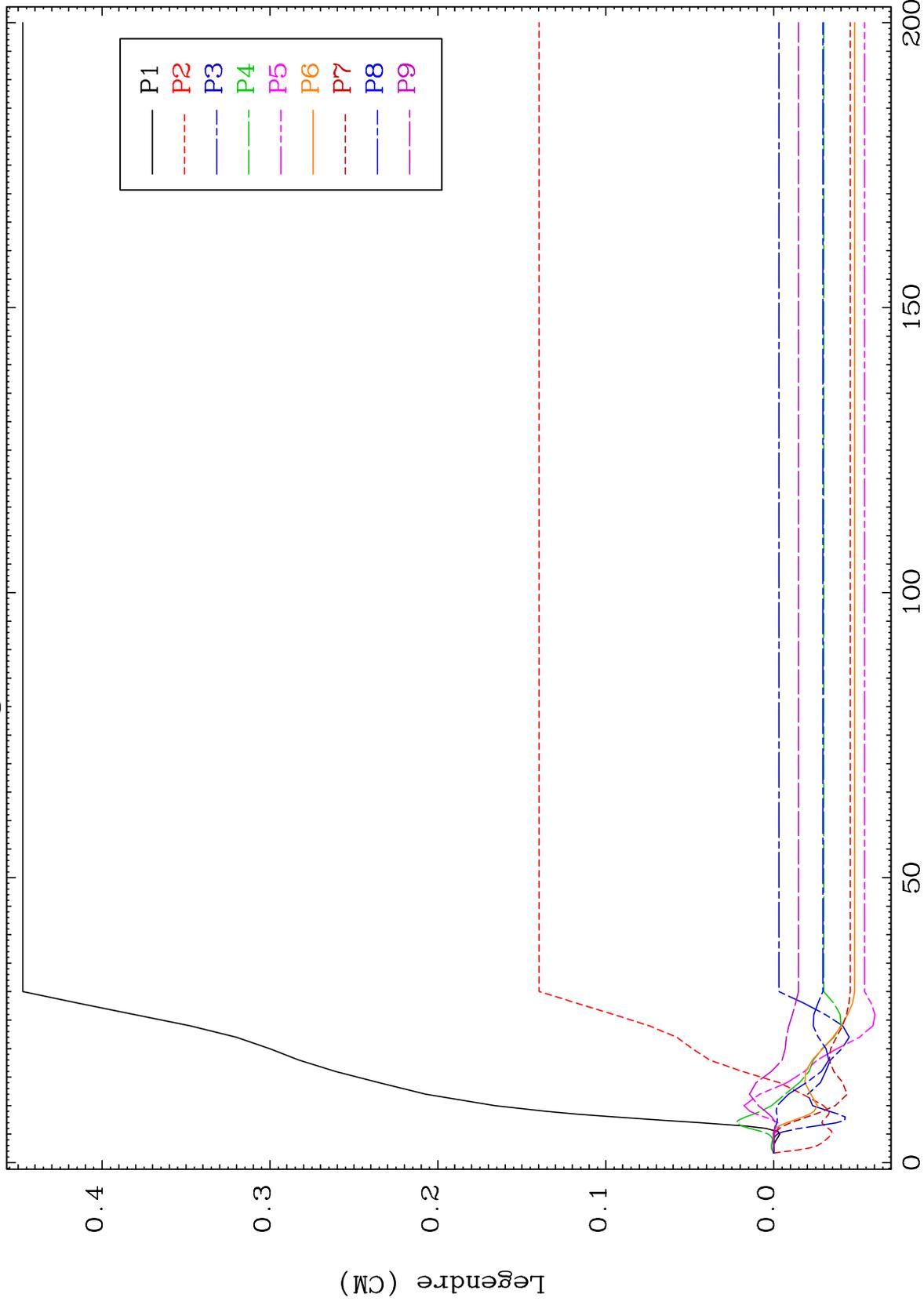
49-In-117



MAT 4937

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

49-In-117



94

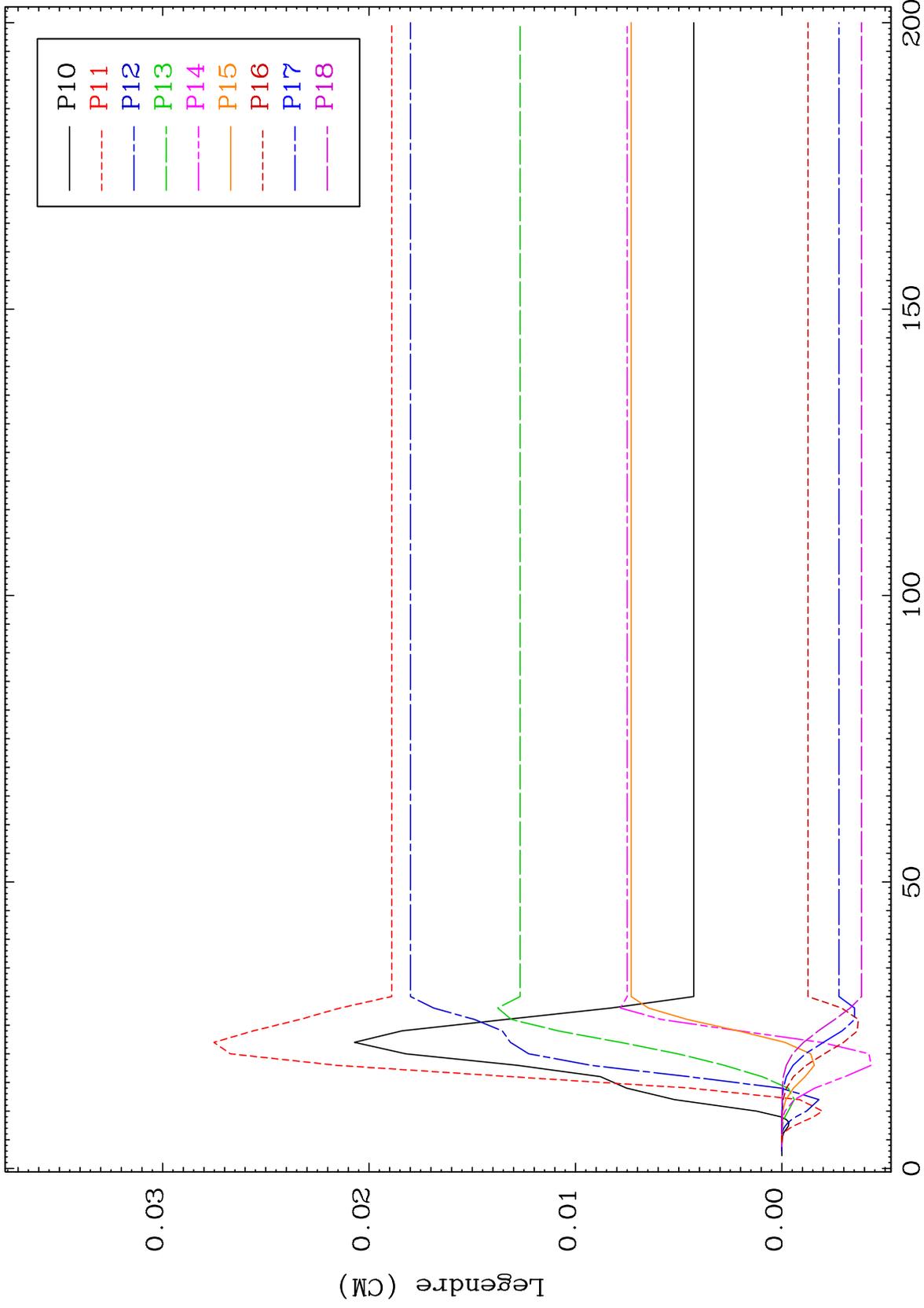
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



95

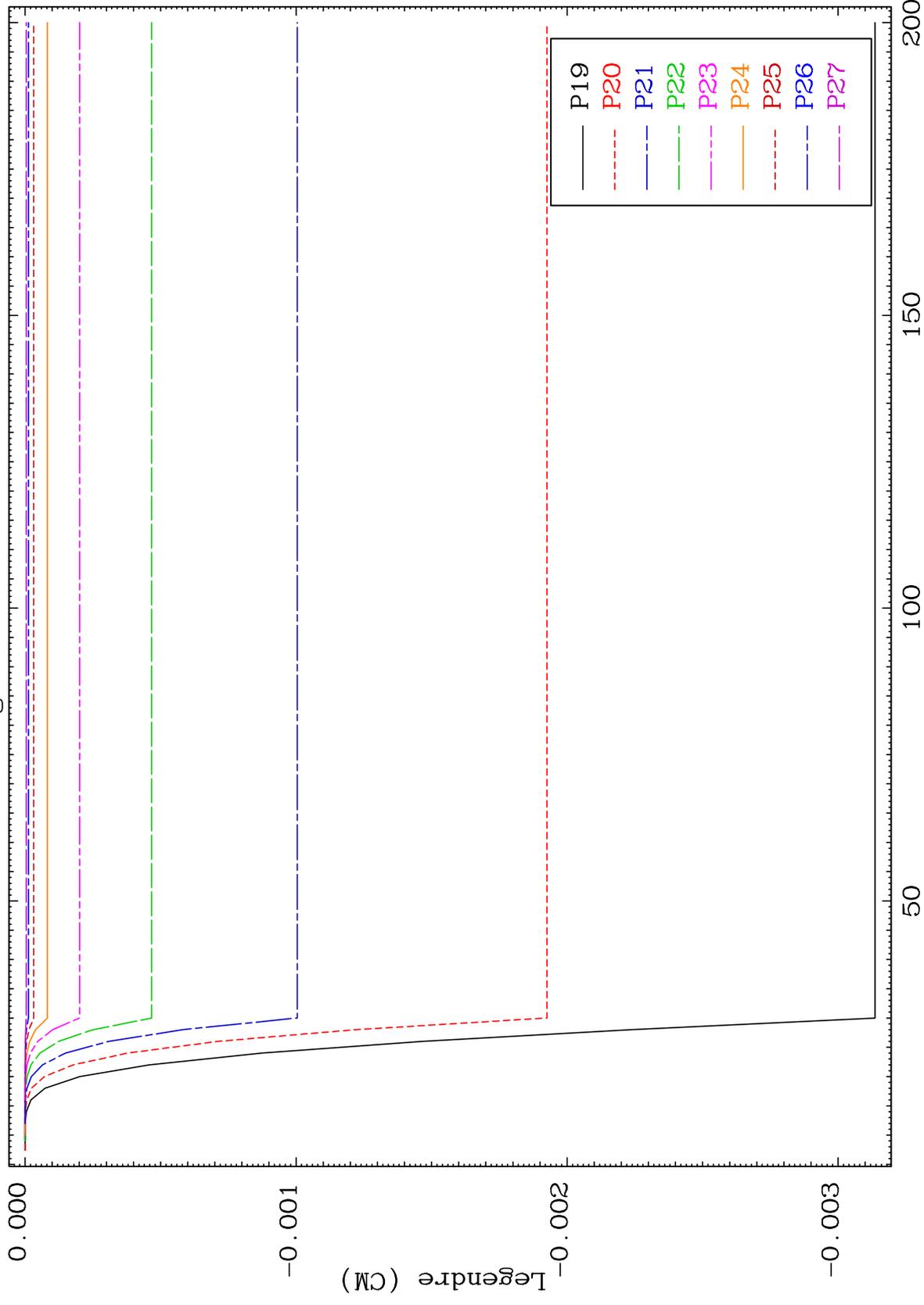
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117

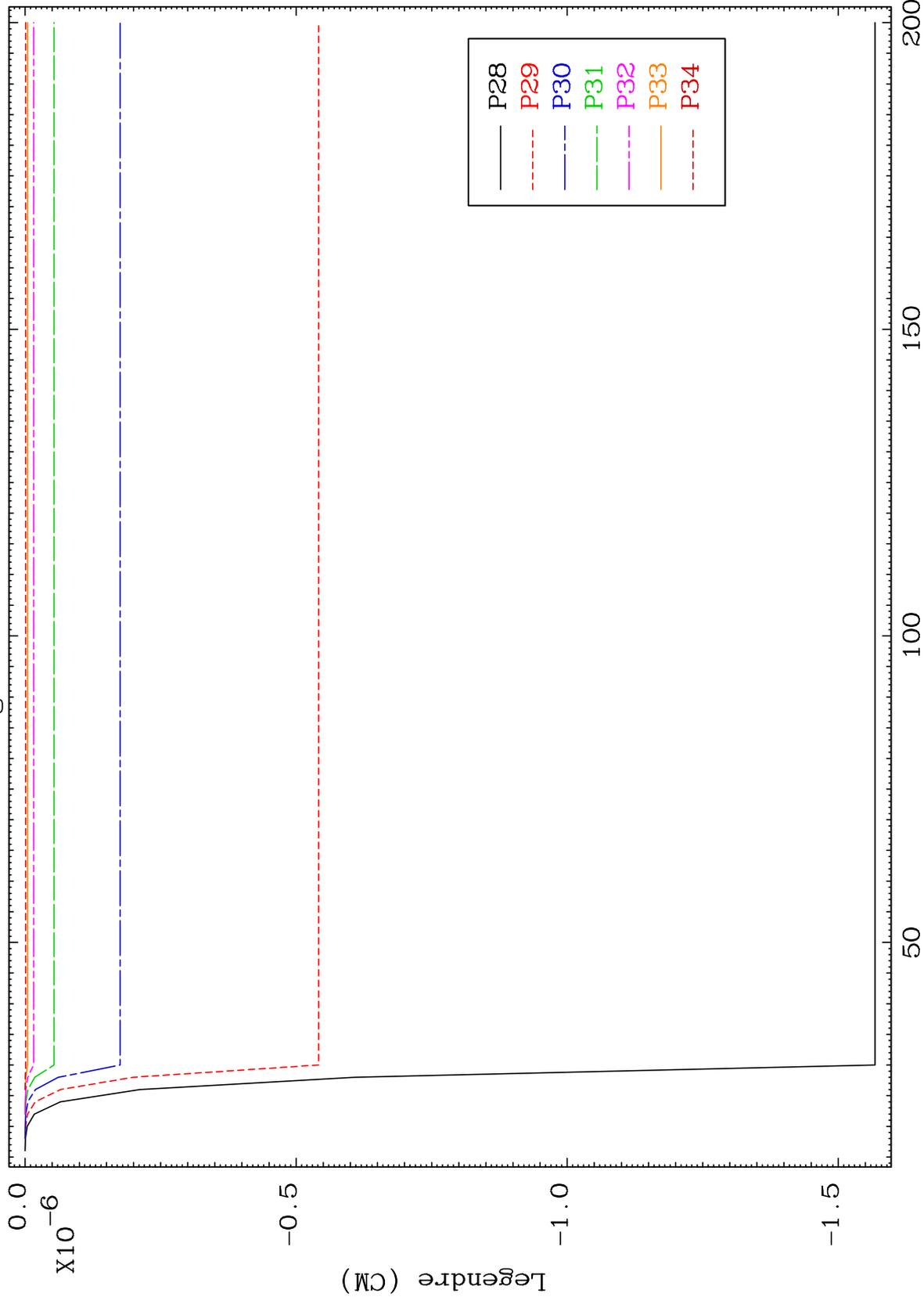


96

Incident Energy (MeV)

49-In-117

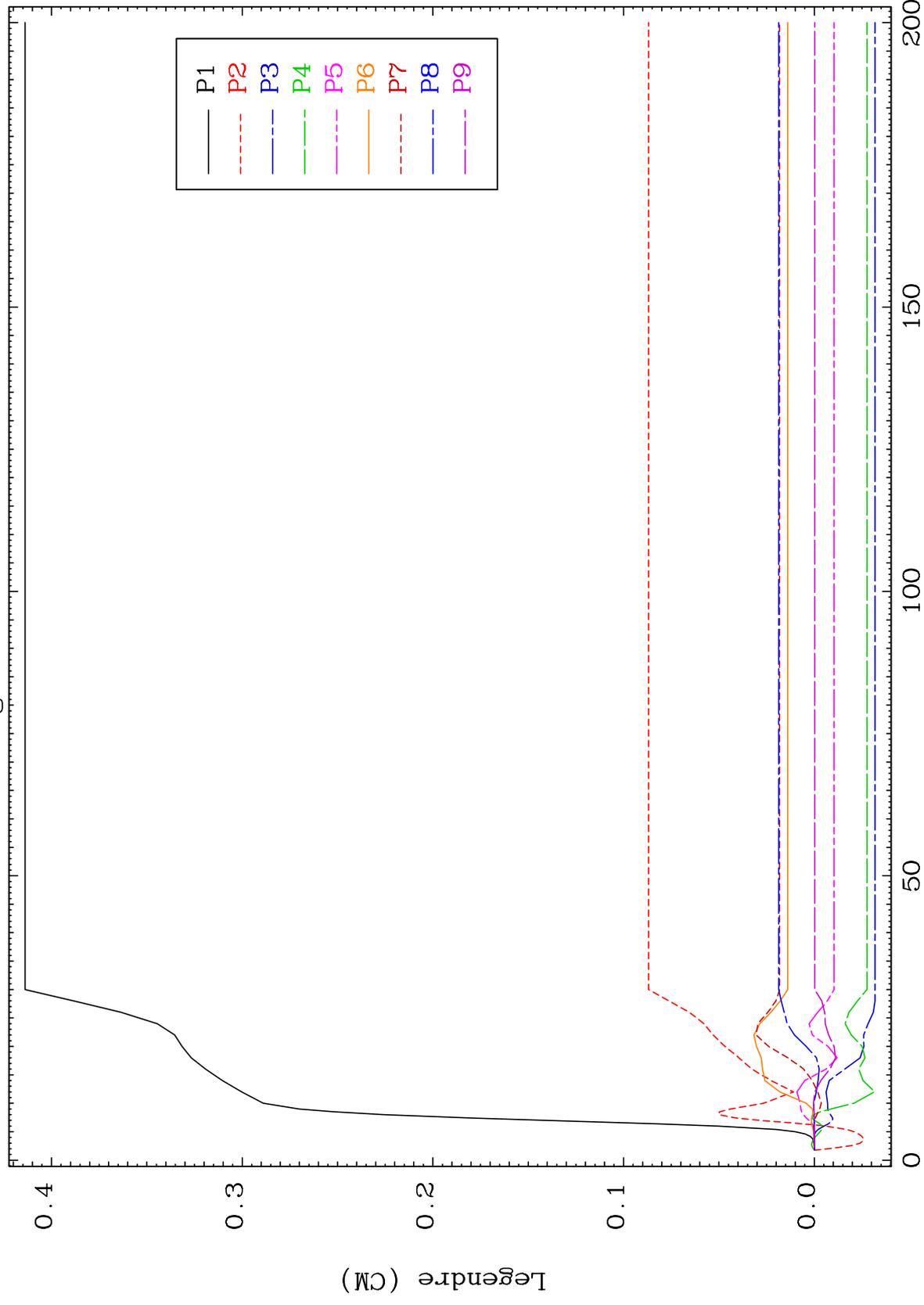
Legendre Coefficients



MAT 4937

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

49-In-117



98

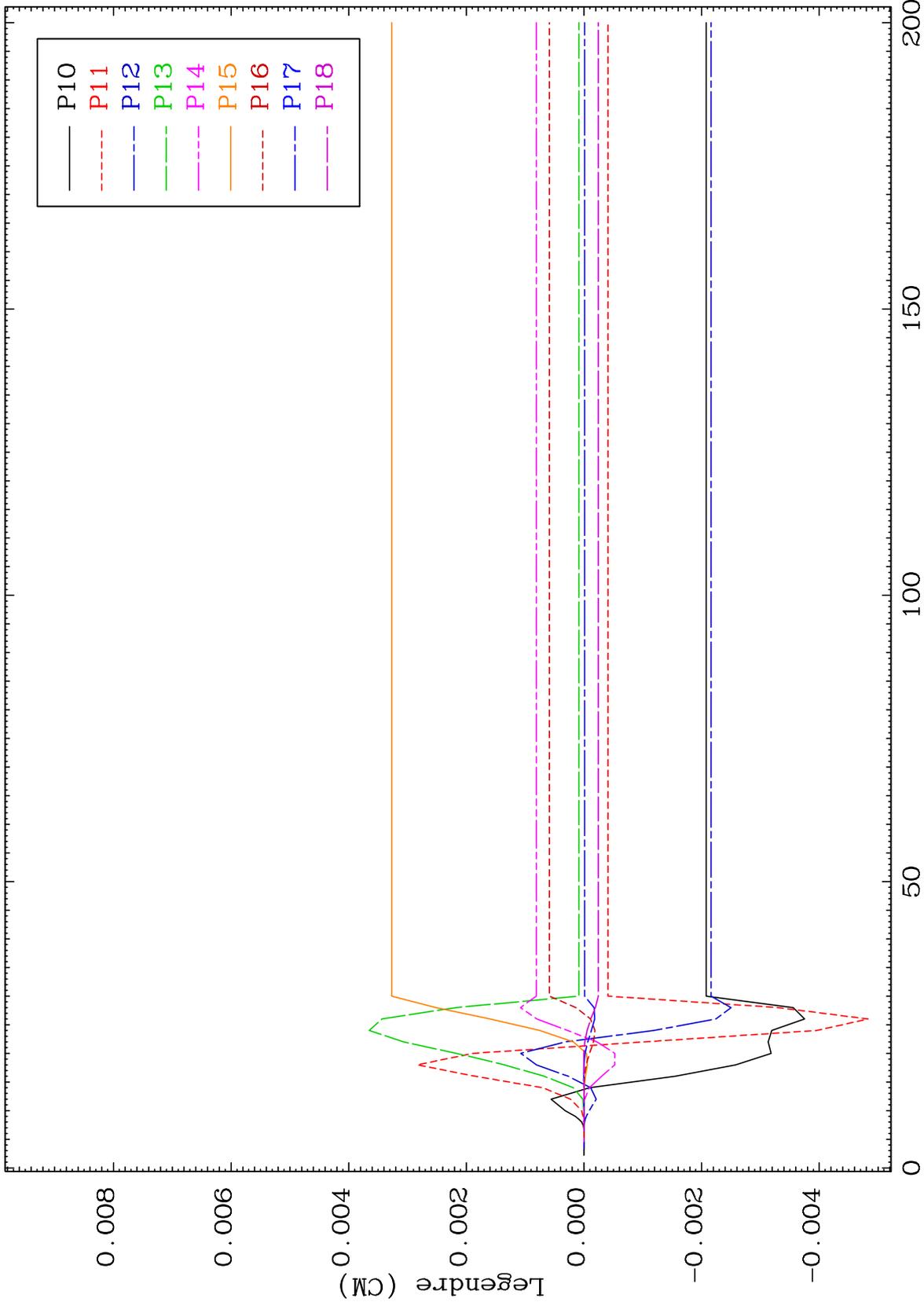
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



99

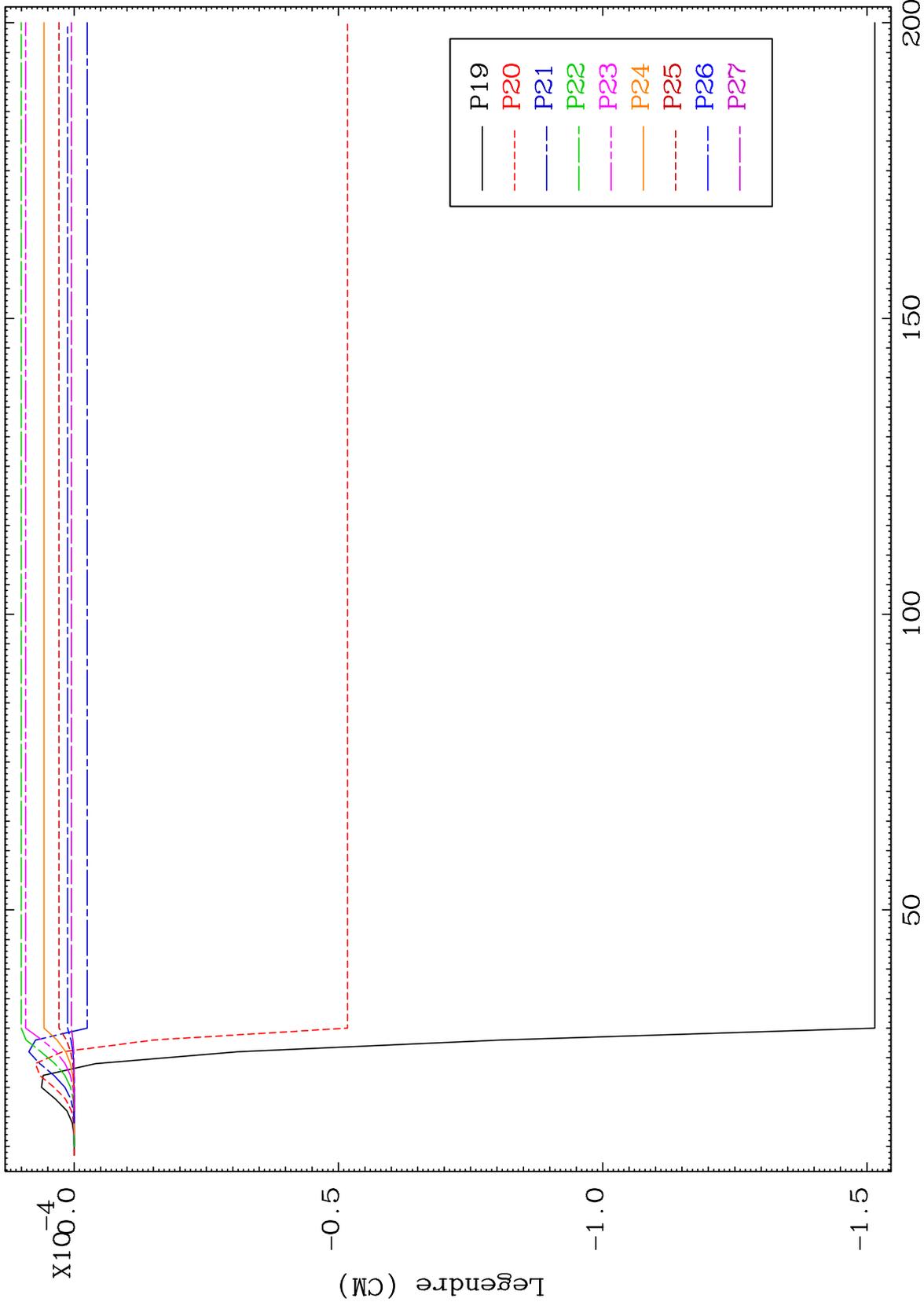
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



100

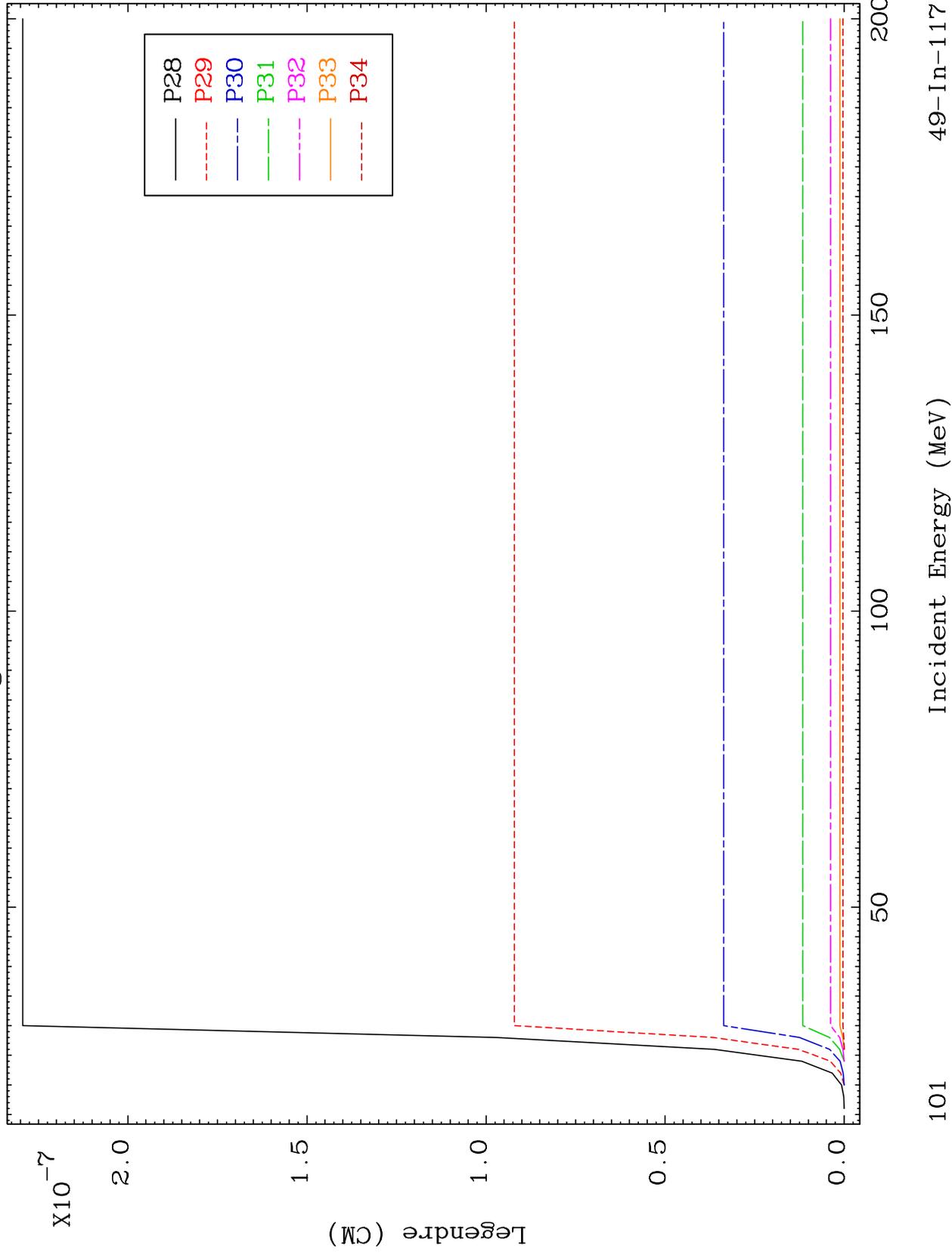
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



101

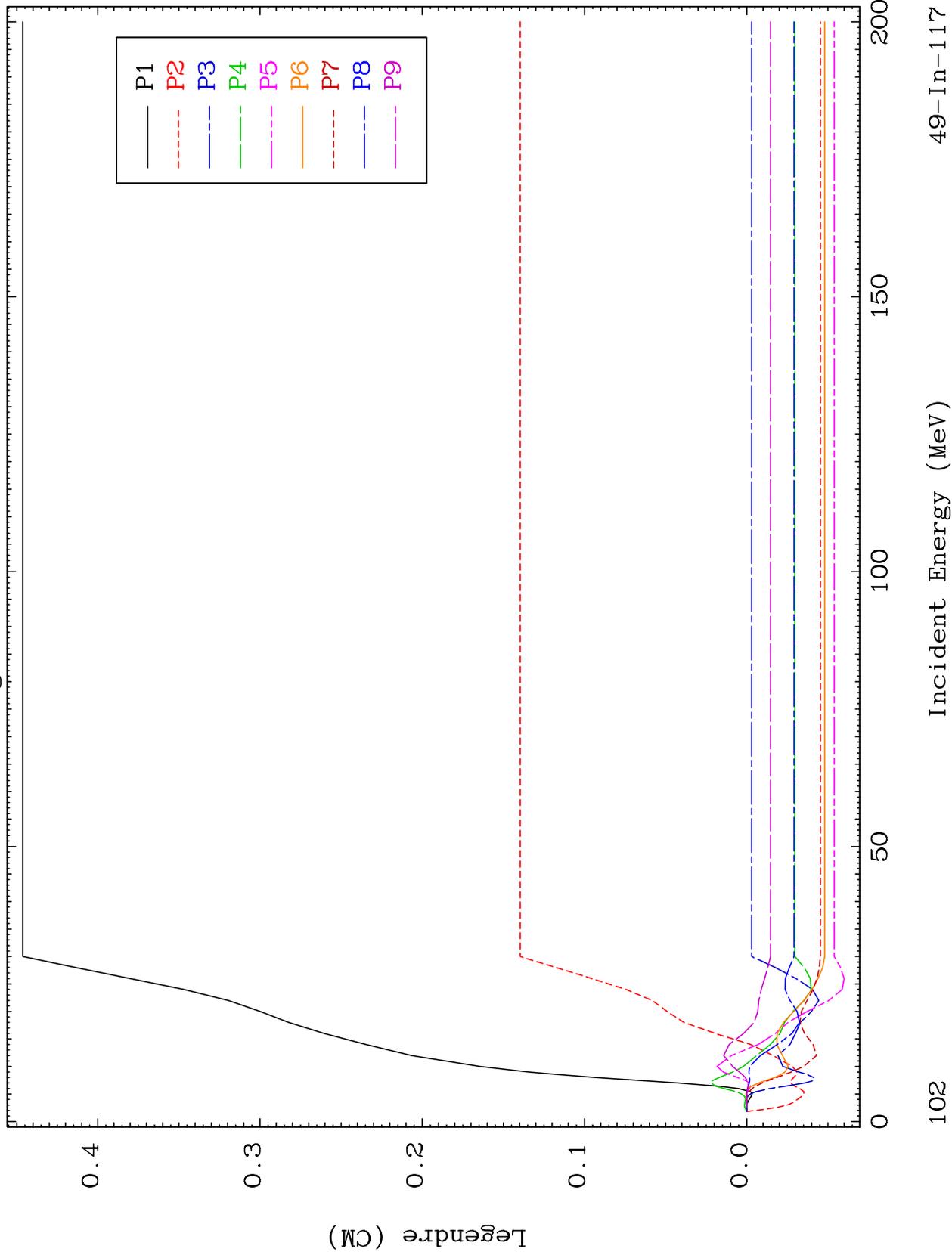
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



49-In-117

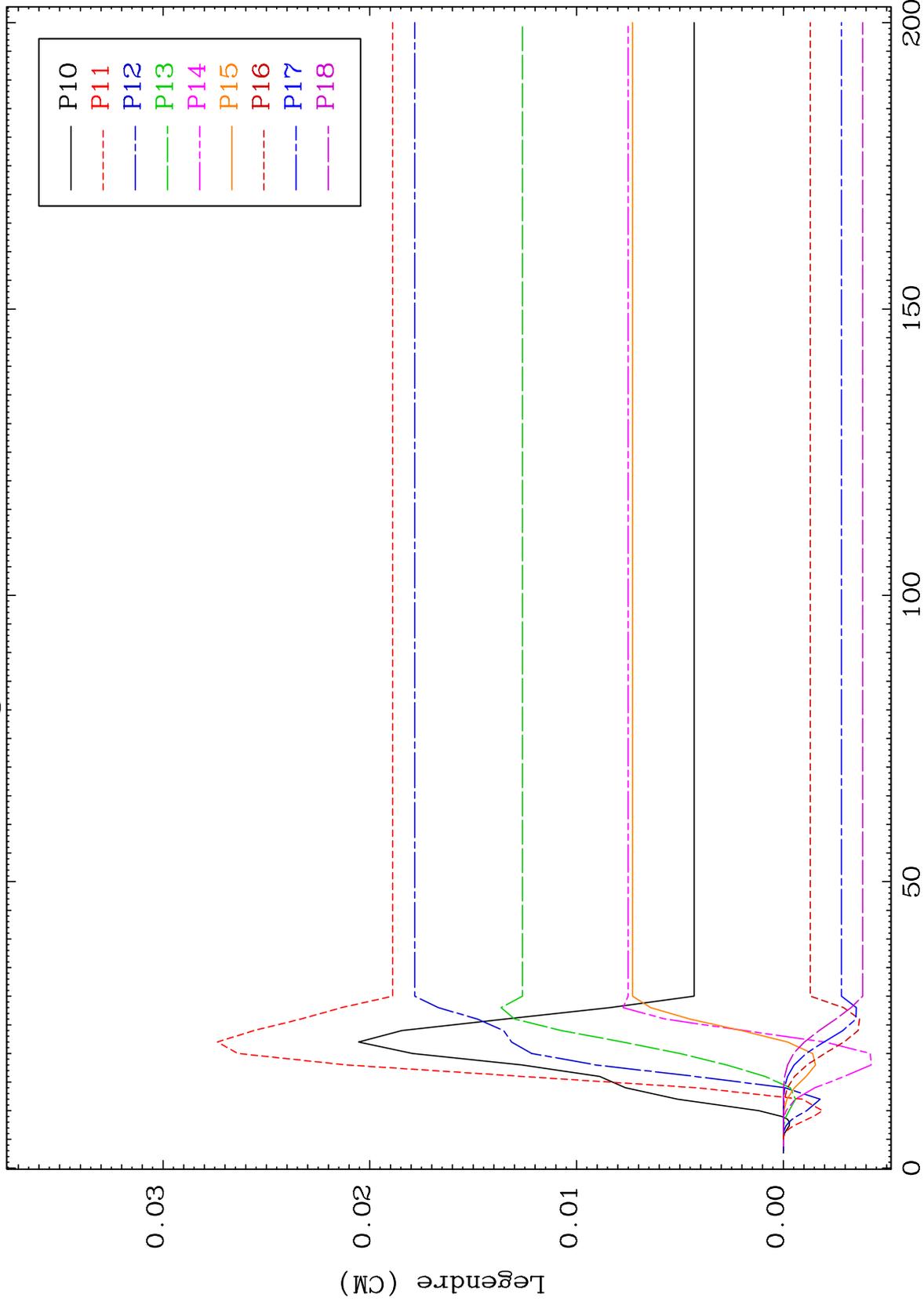
Incident Energy (MeV)

102

MAT 4937

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

49-In-117



103

Incident Energy (MeV)

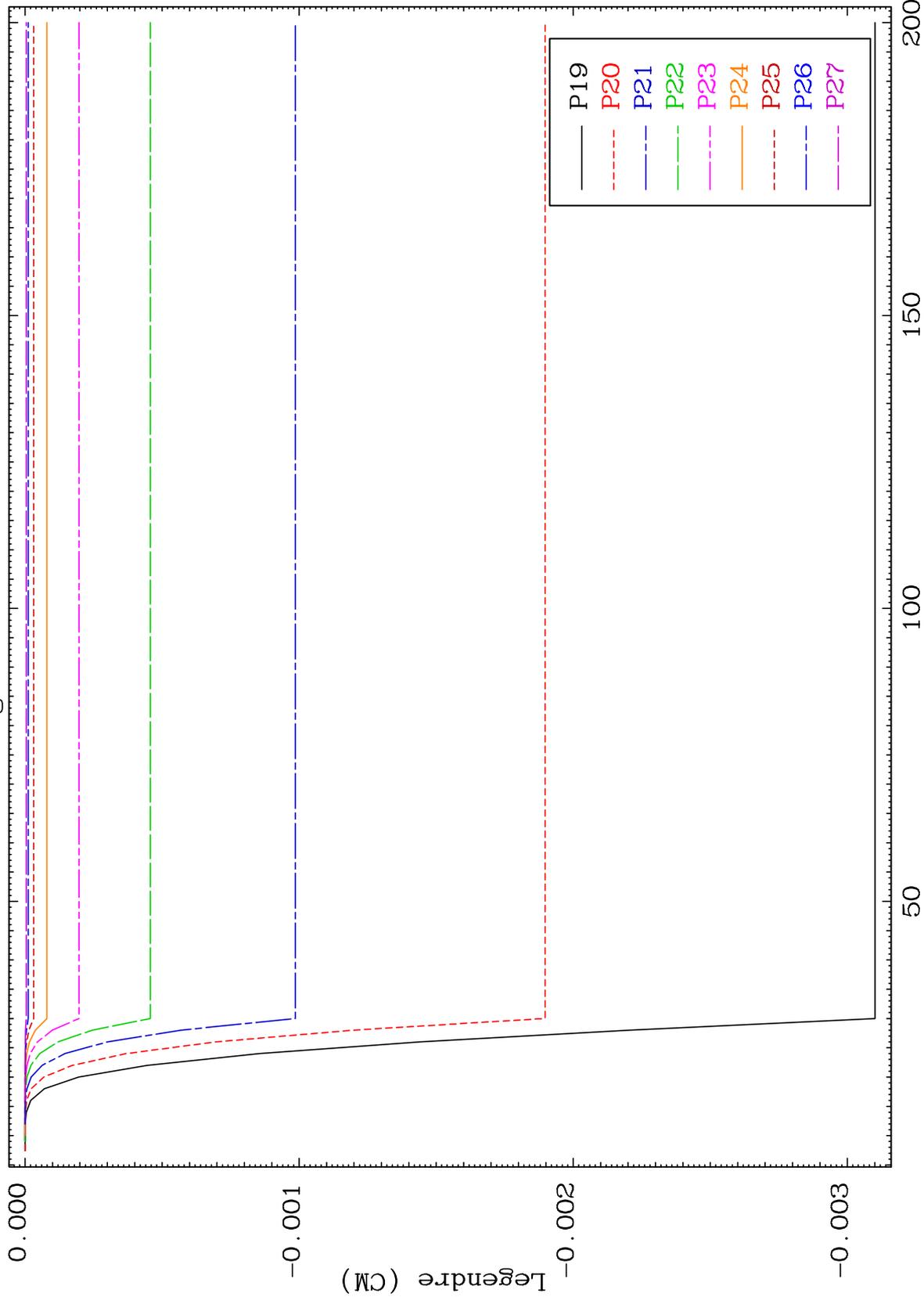
49-In-117

MAT 4937

MT= 74 (n,n') Level

49-In-117

Legendre Coefficients



104

Incident Energy (MeV)

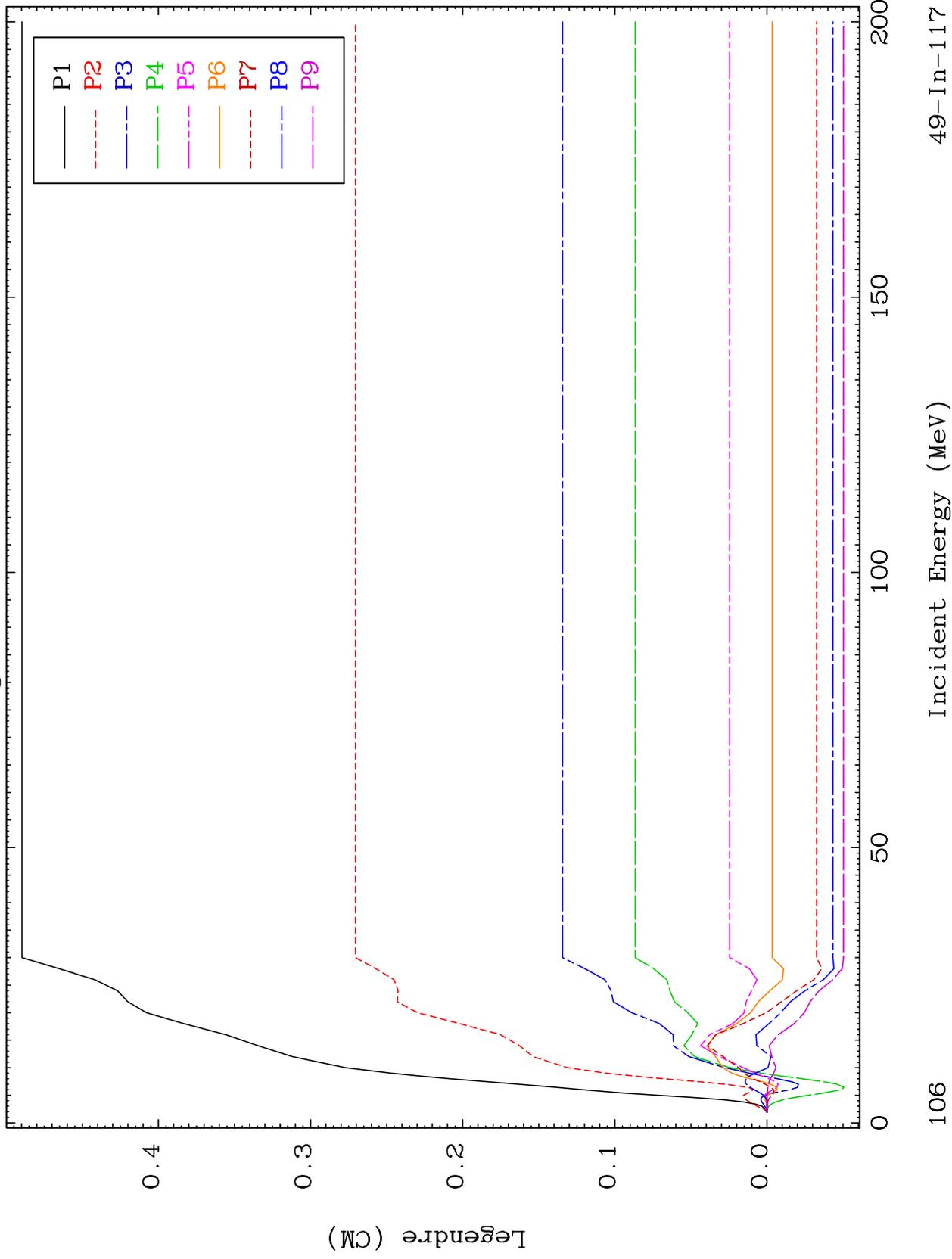
49-In-117



MAT 4937

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

49-In-117



49-In-117

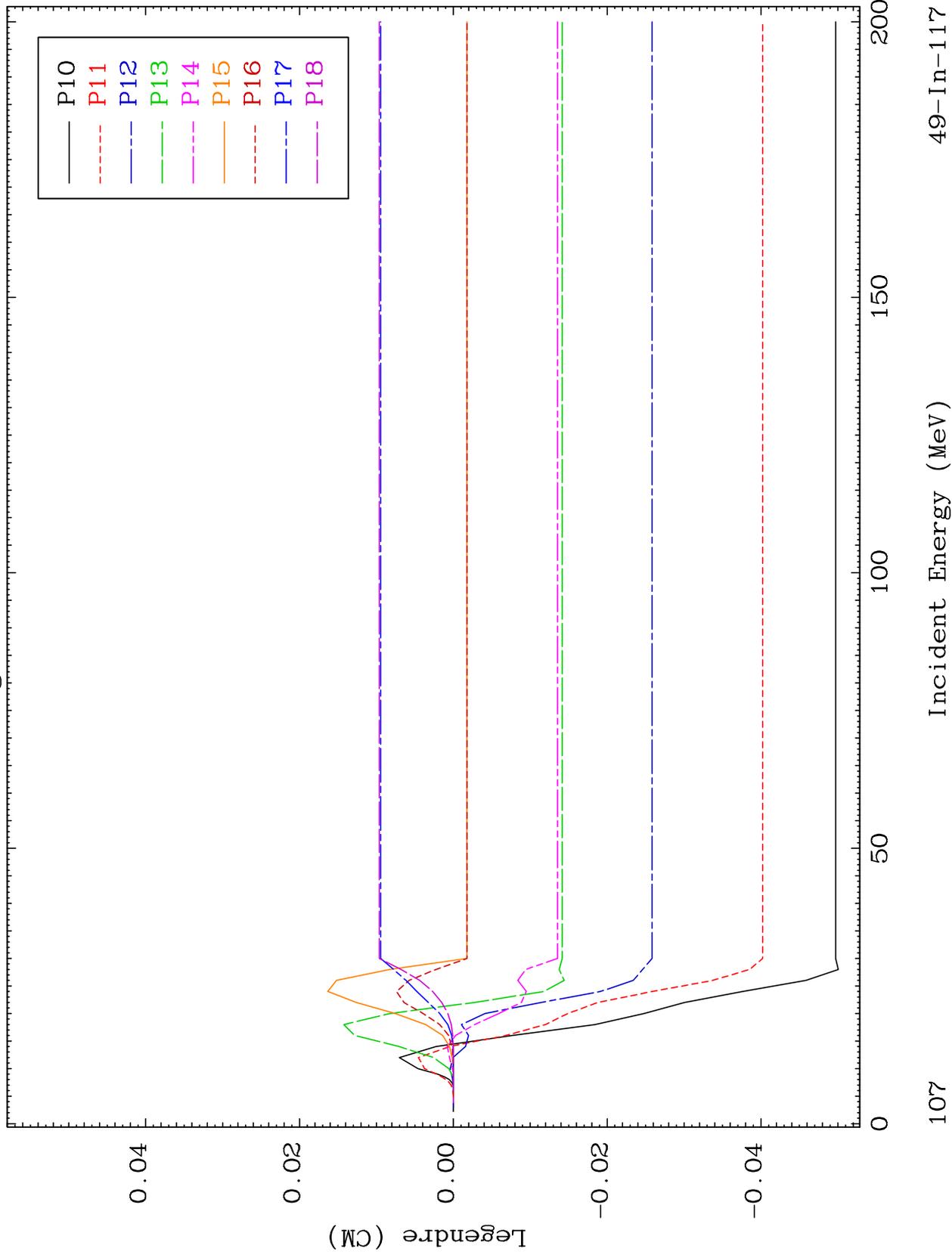
Incident Energy (MeV)

106

MAT 4937

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

49-In-117

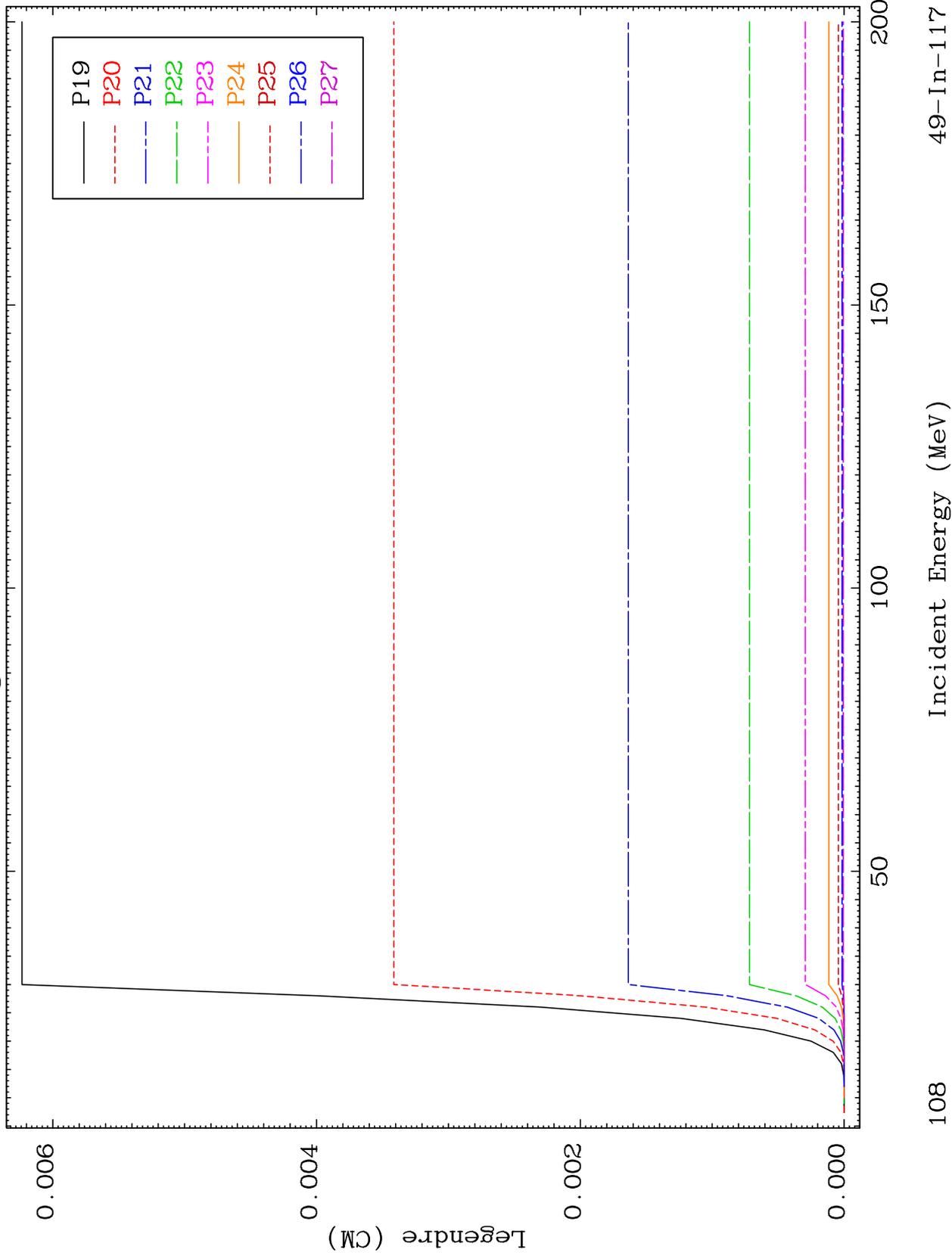


107

MAT 4937

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

49-In-117

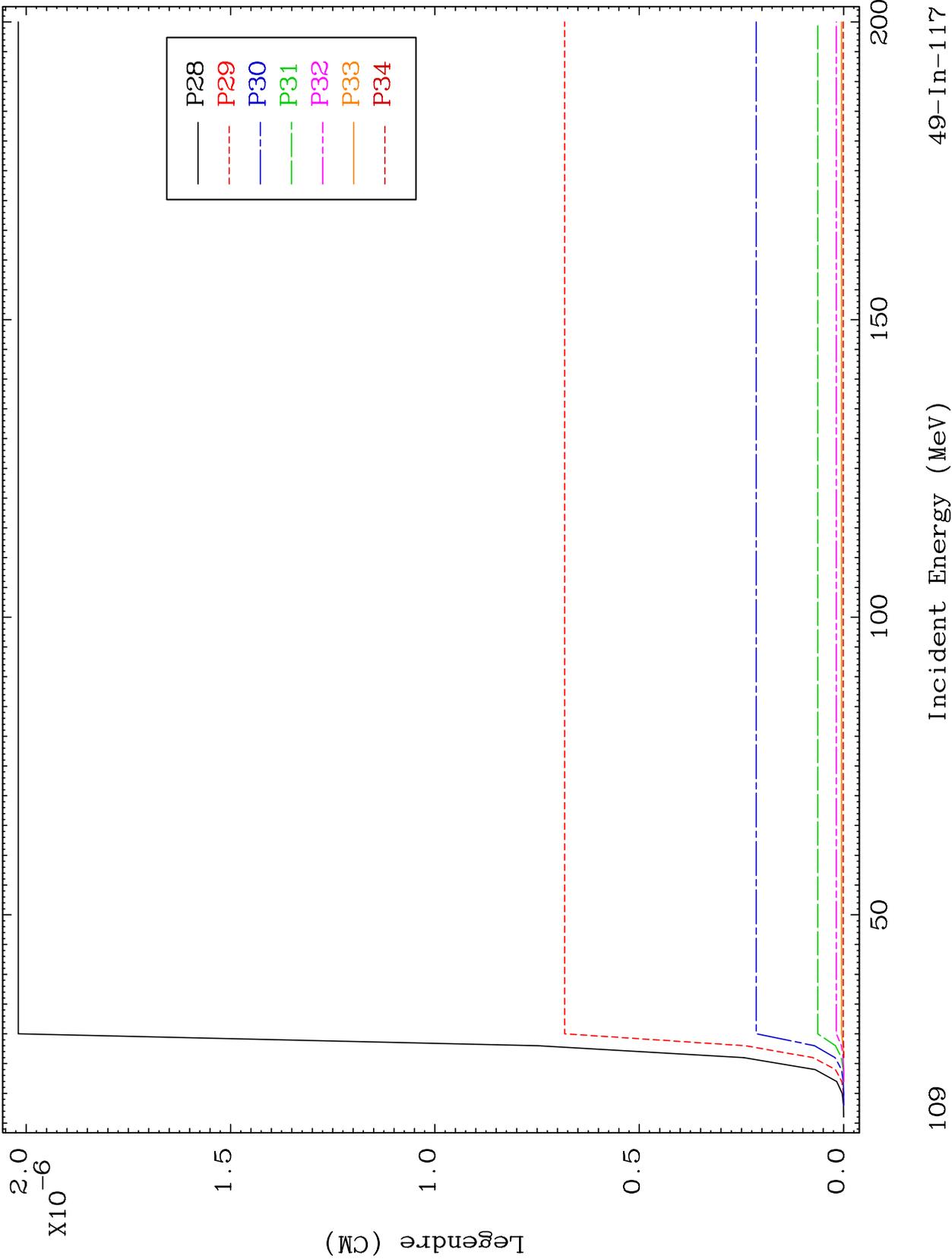


108

MAT 4937

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

49-In-117



109

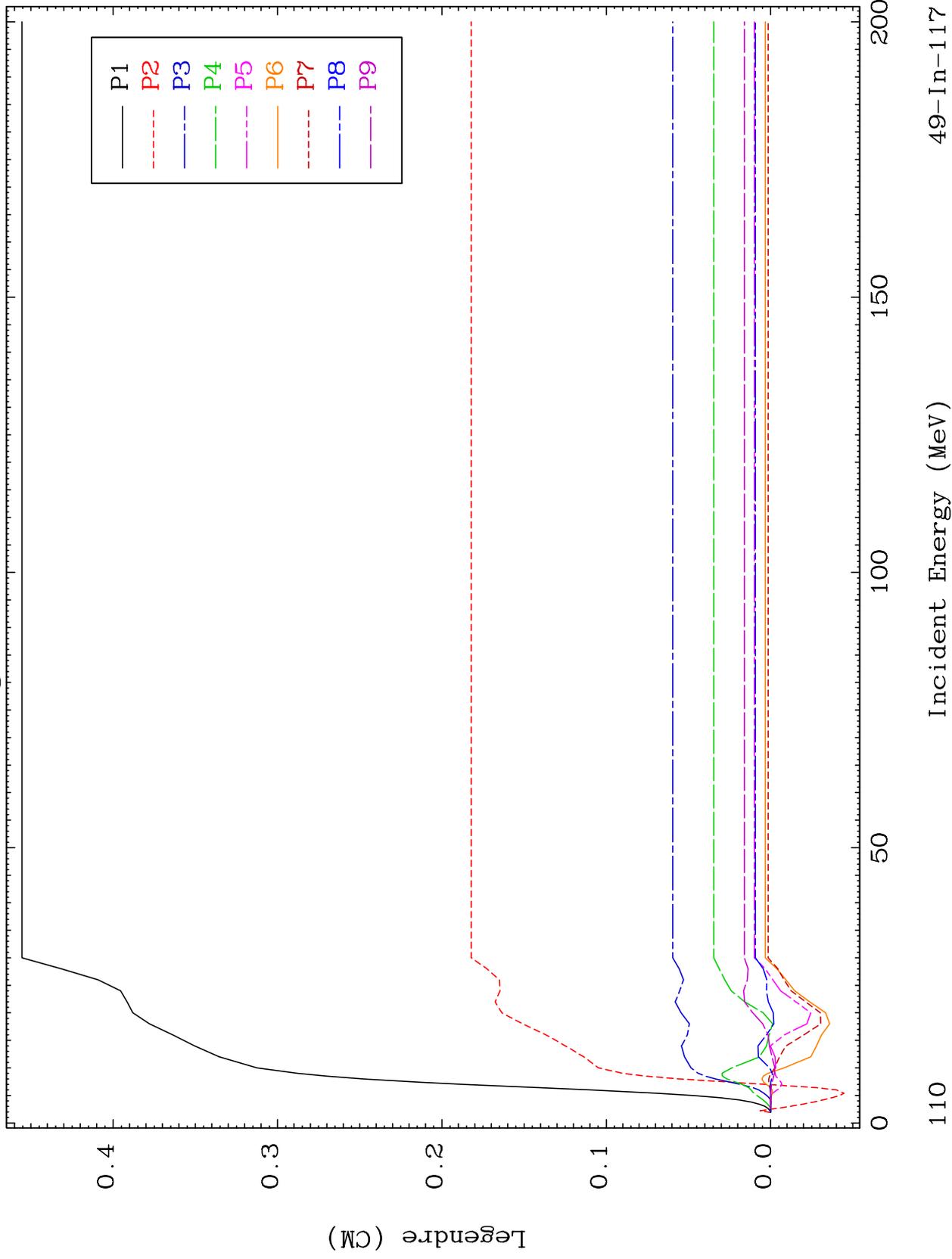
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



49-In-117

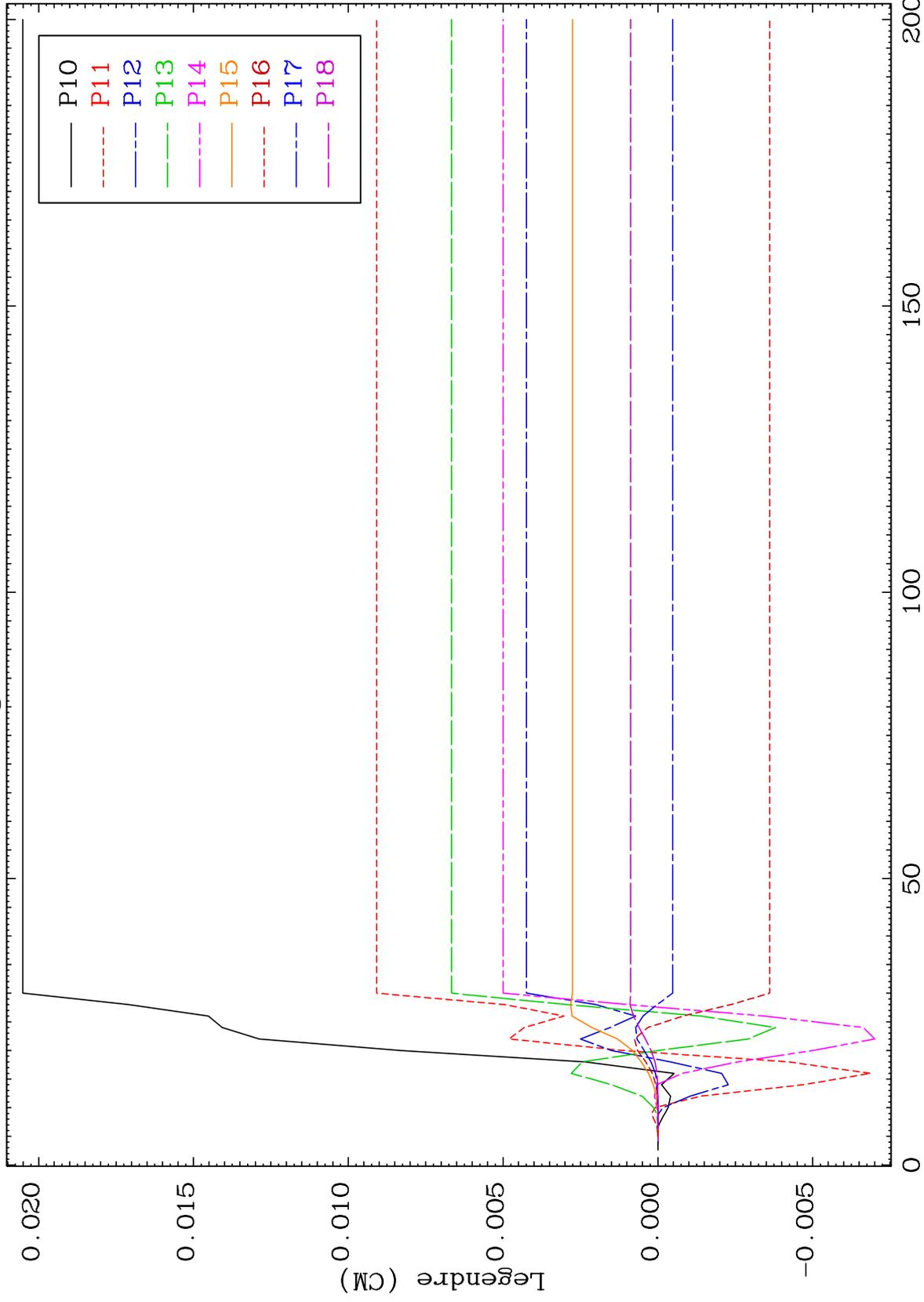
Incident Energy (MeV)

110

MAT 4937

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

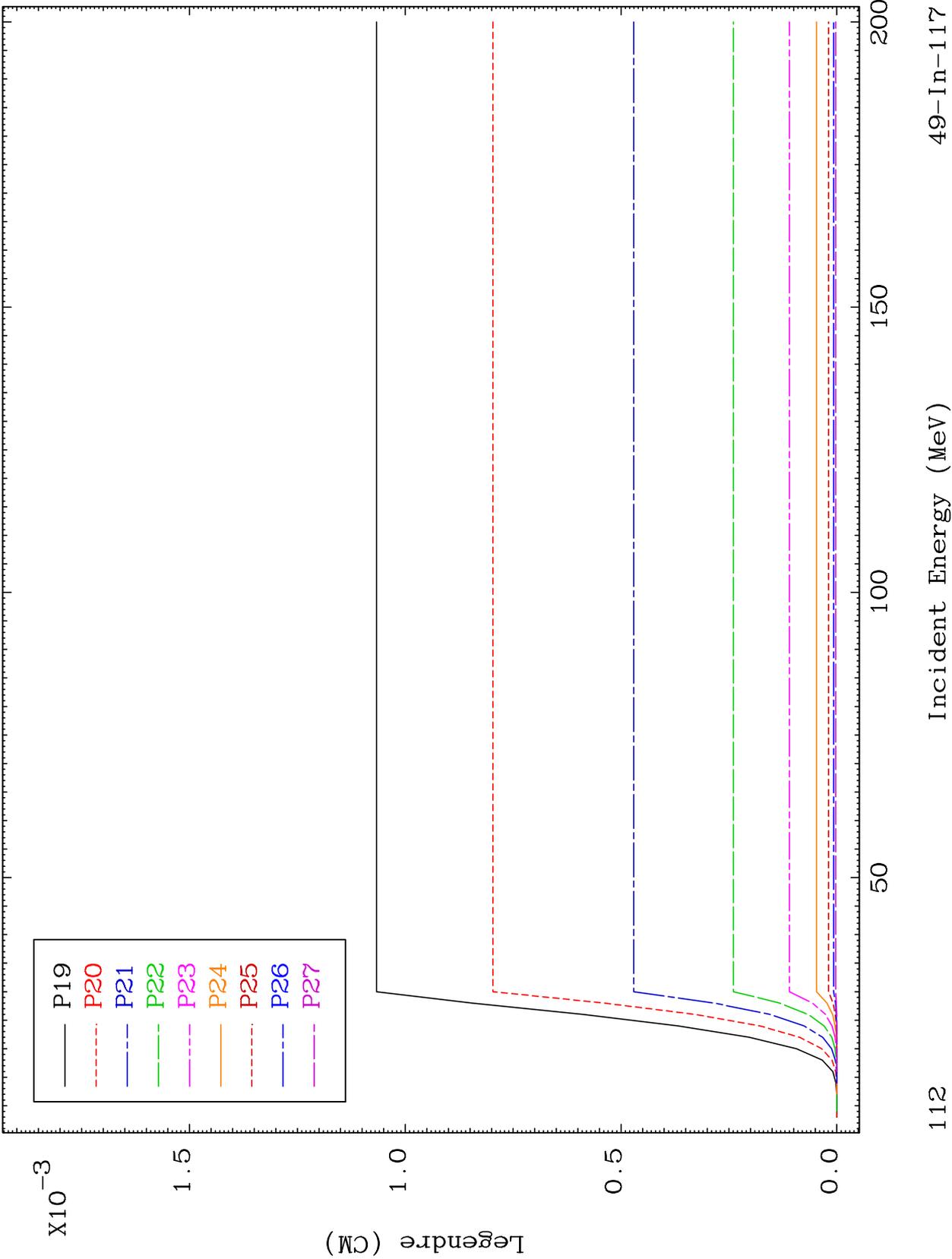
49-In-117



49-In-117

Incident Energy (MeV)

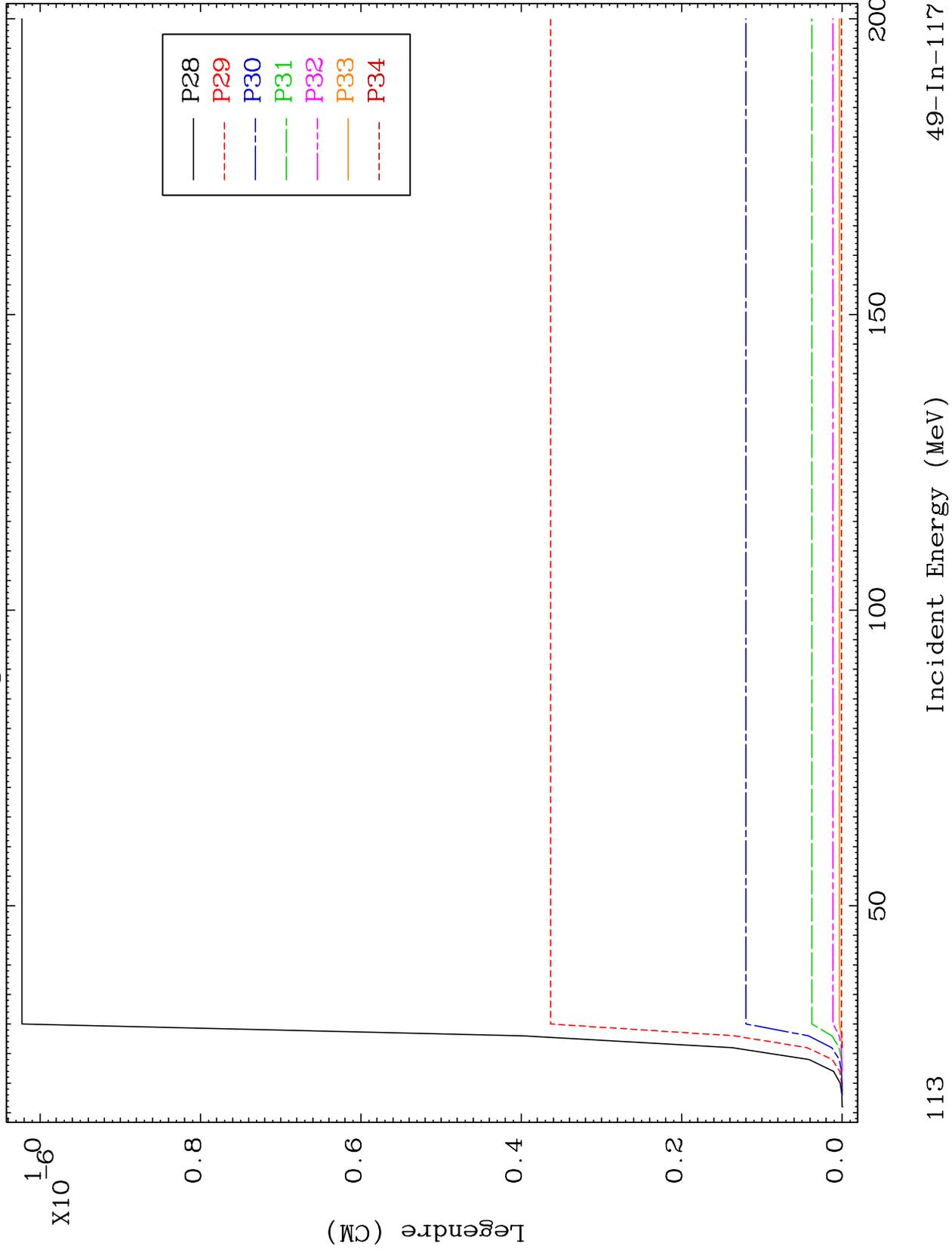
111



MAT 4937

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

49-In-117

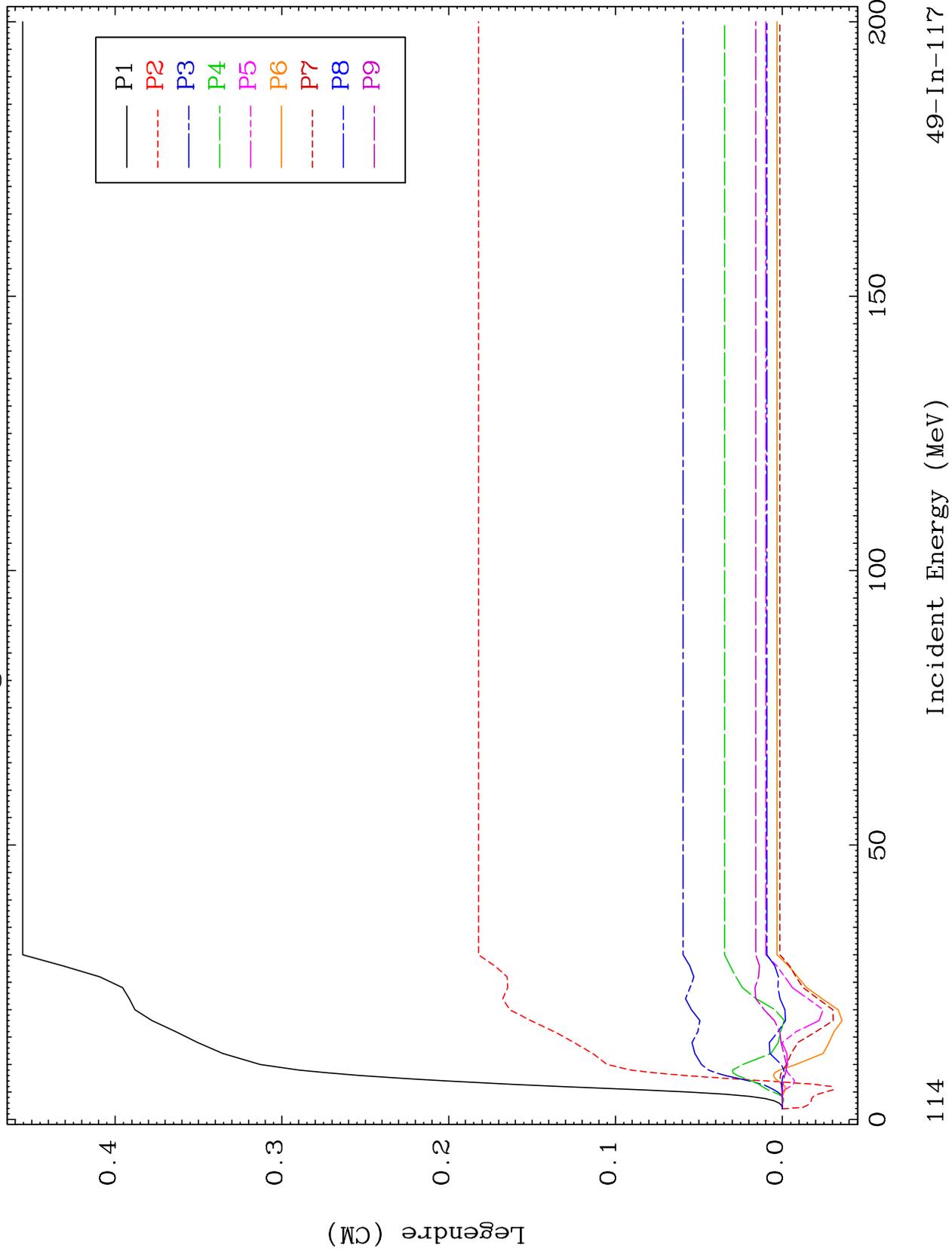


113

MAT 4937

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

49-In-117



49-In-117

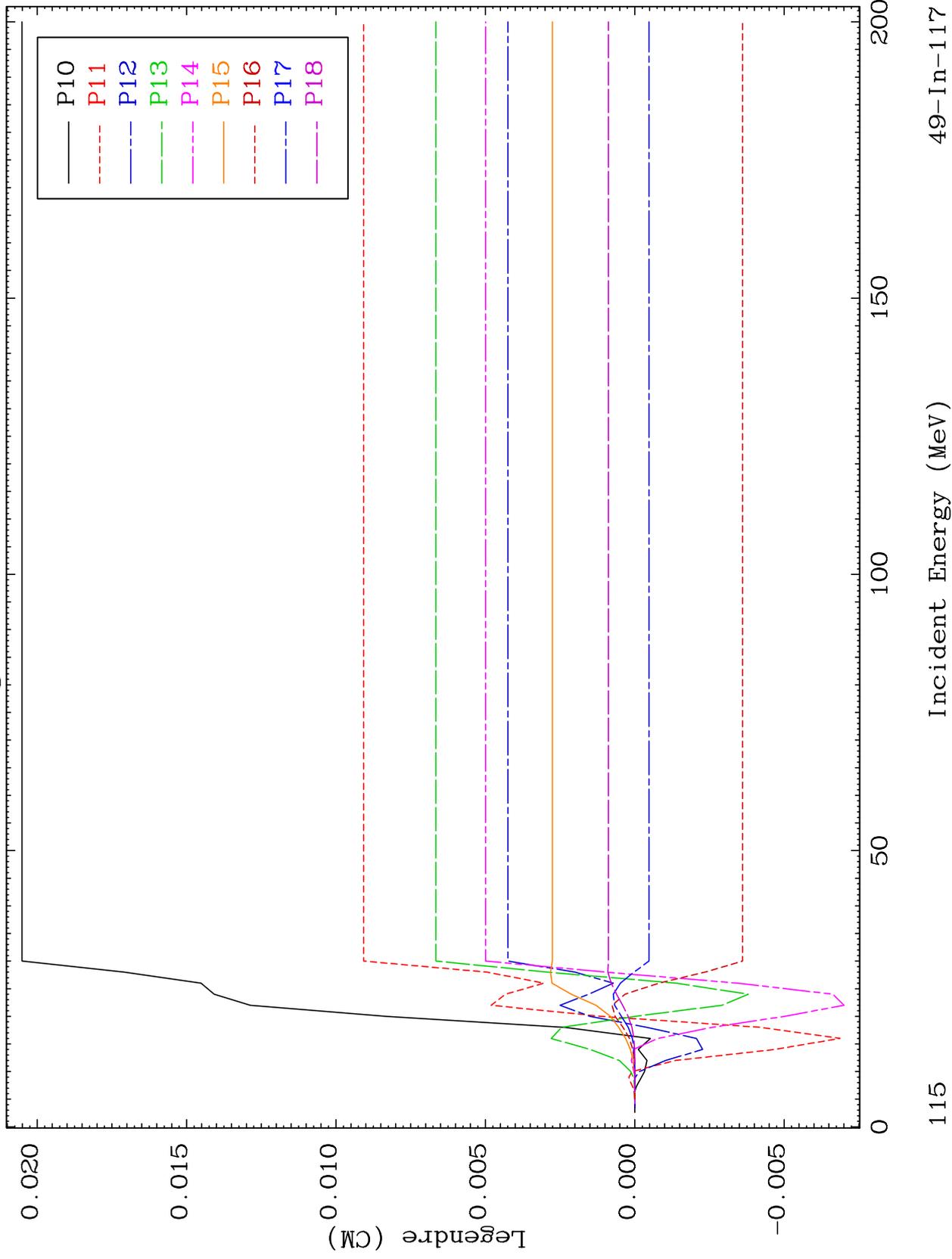
Incident Energy (MeV)

114

MAT 4937

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

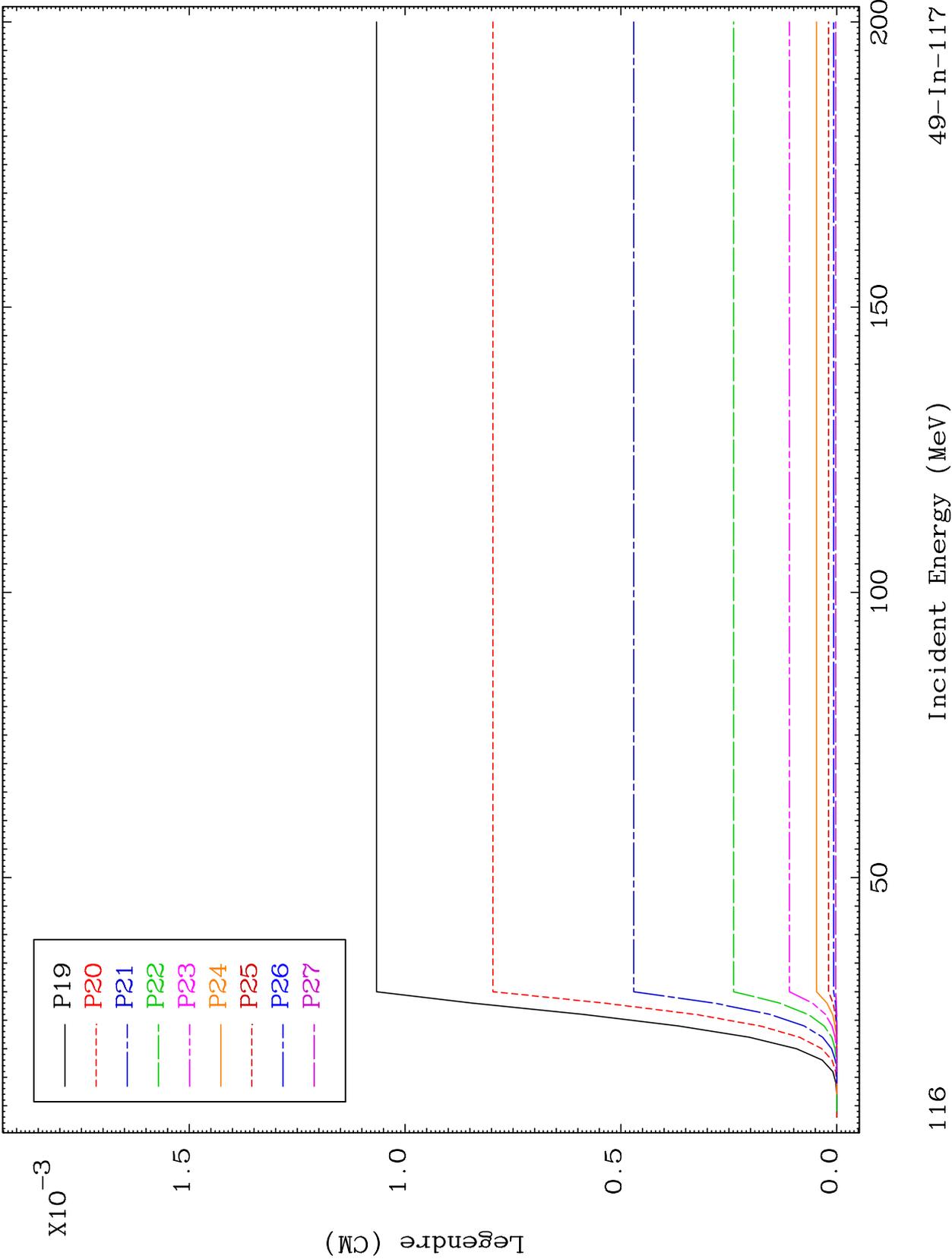
49-In-117



49-In-117

Incident Energy (MeV)

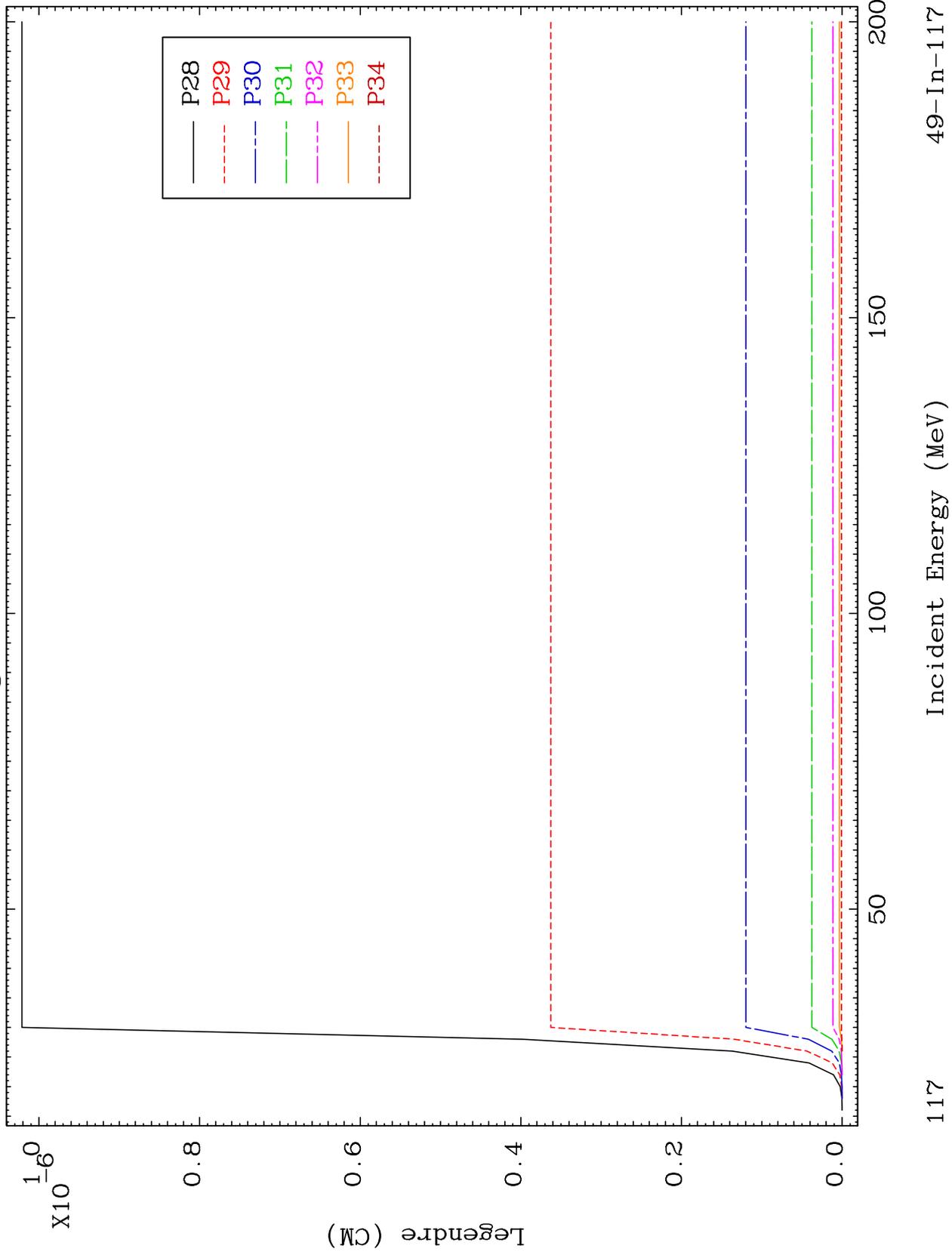
115



MAT 4937

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

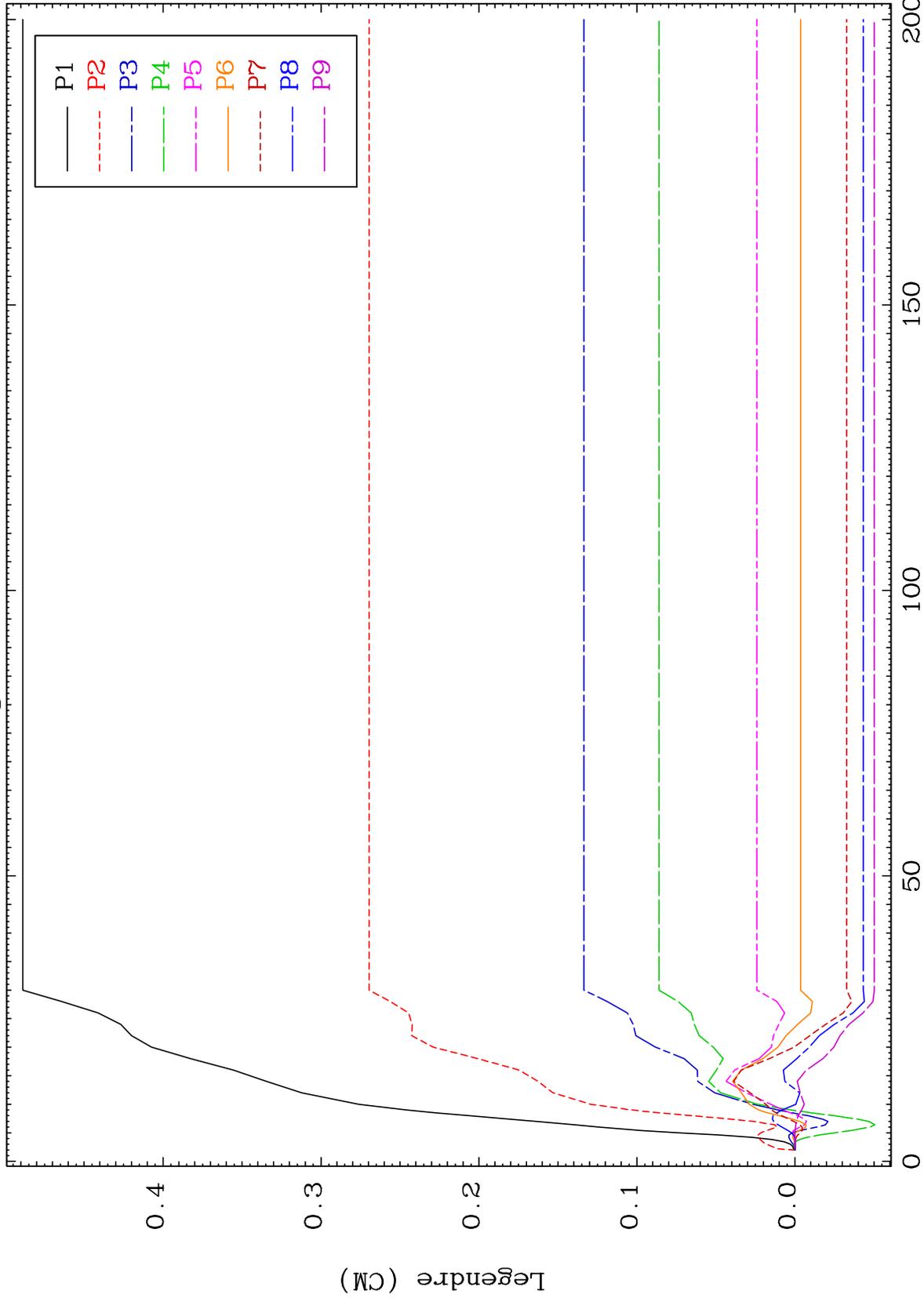
49-In-117



MAT 4937

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

49-In-117



118

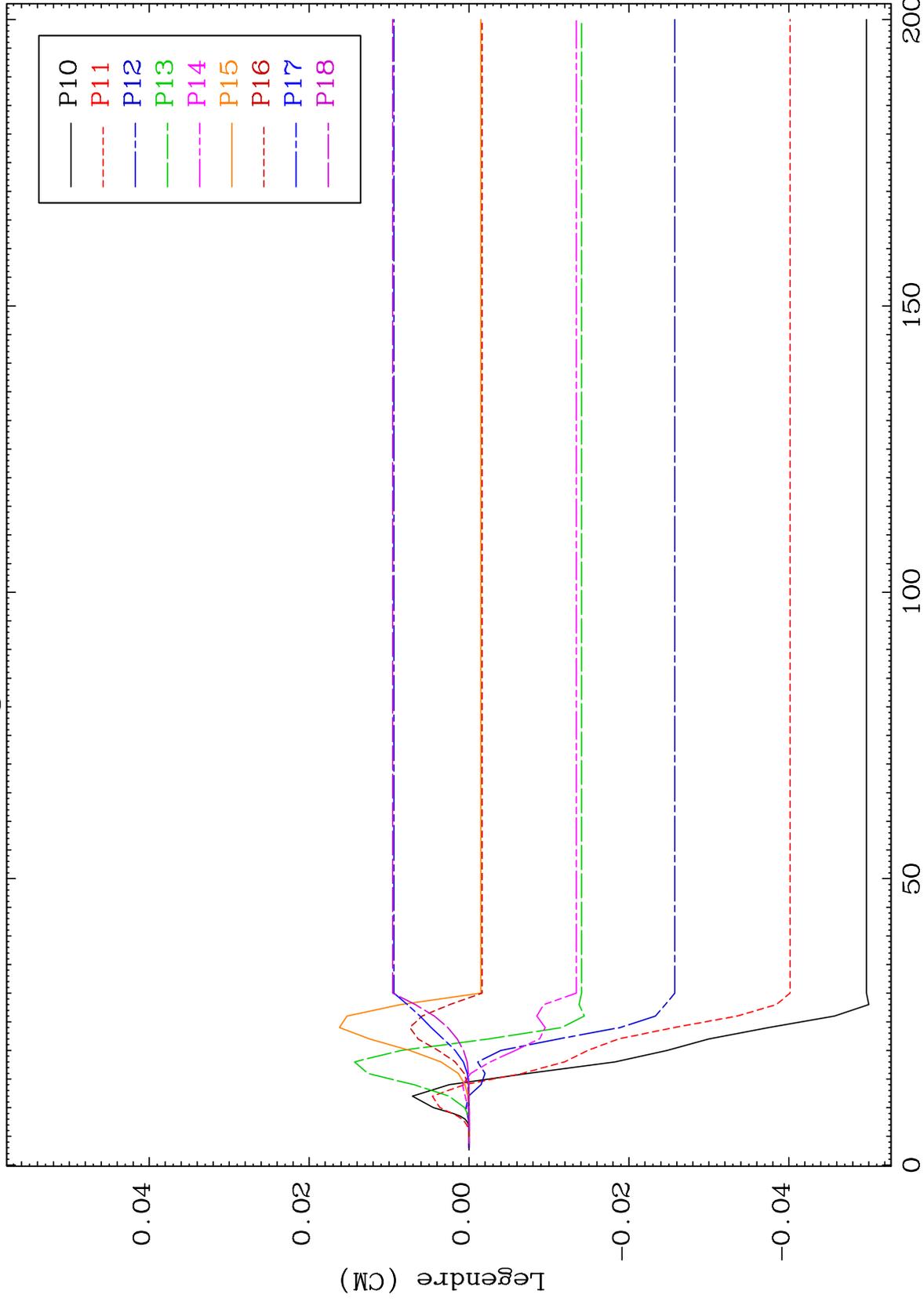
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



119

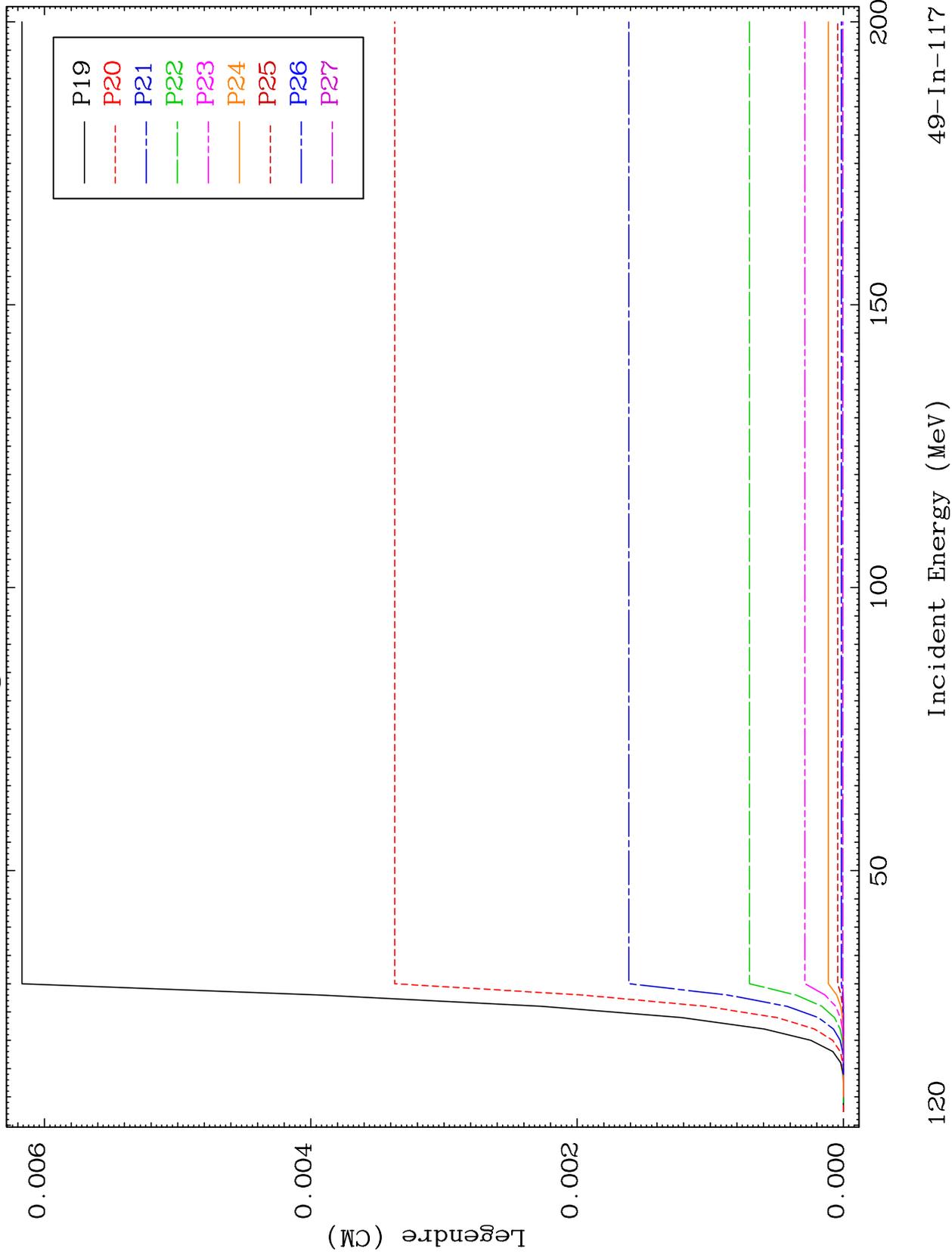
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



49-In-117

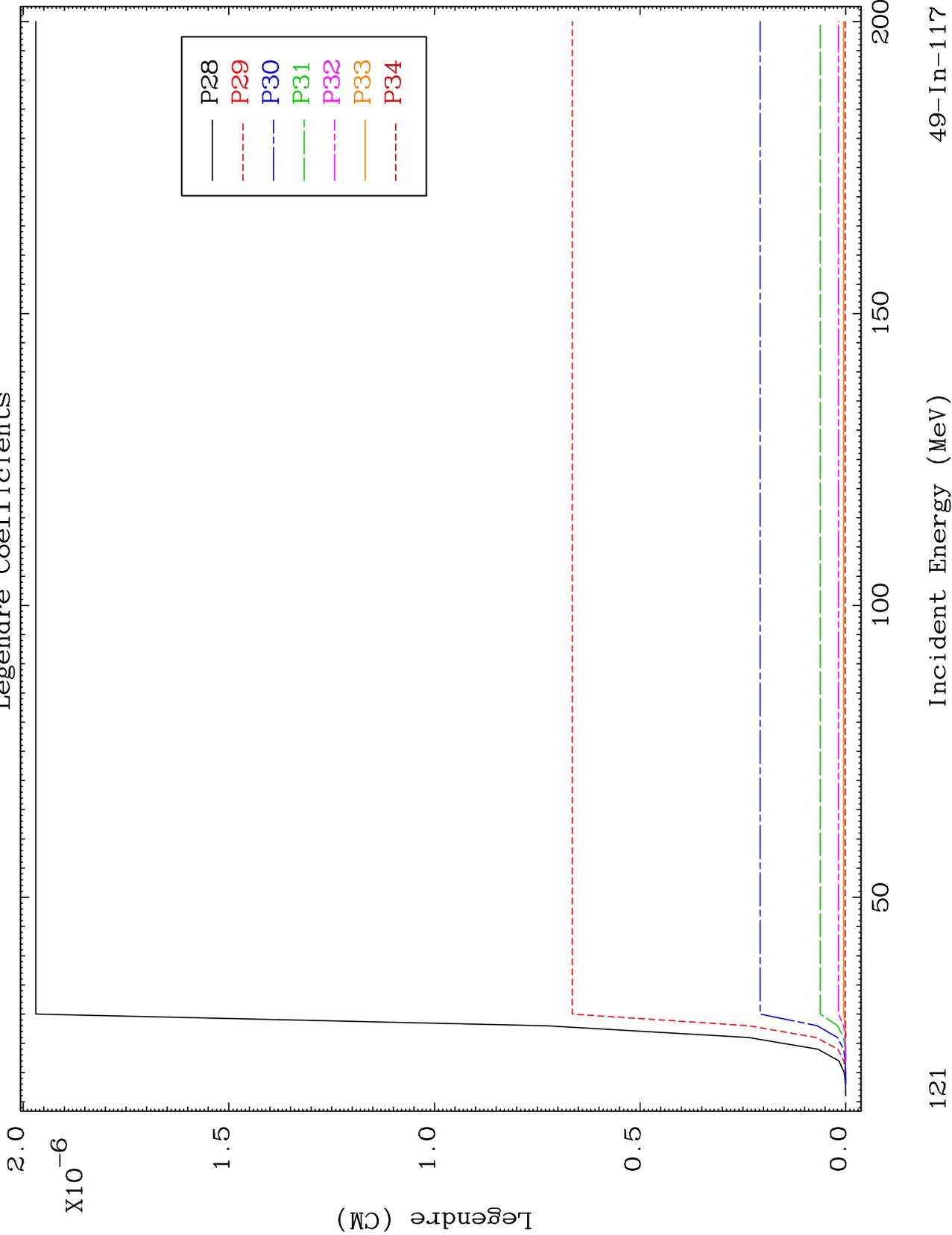
Incident Energy (MeV)

120

MAT 4937

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

49-In-117



121

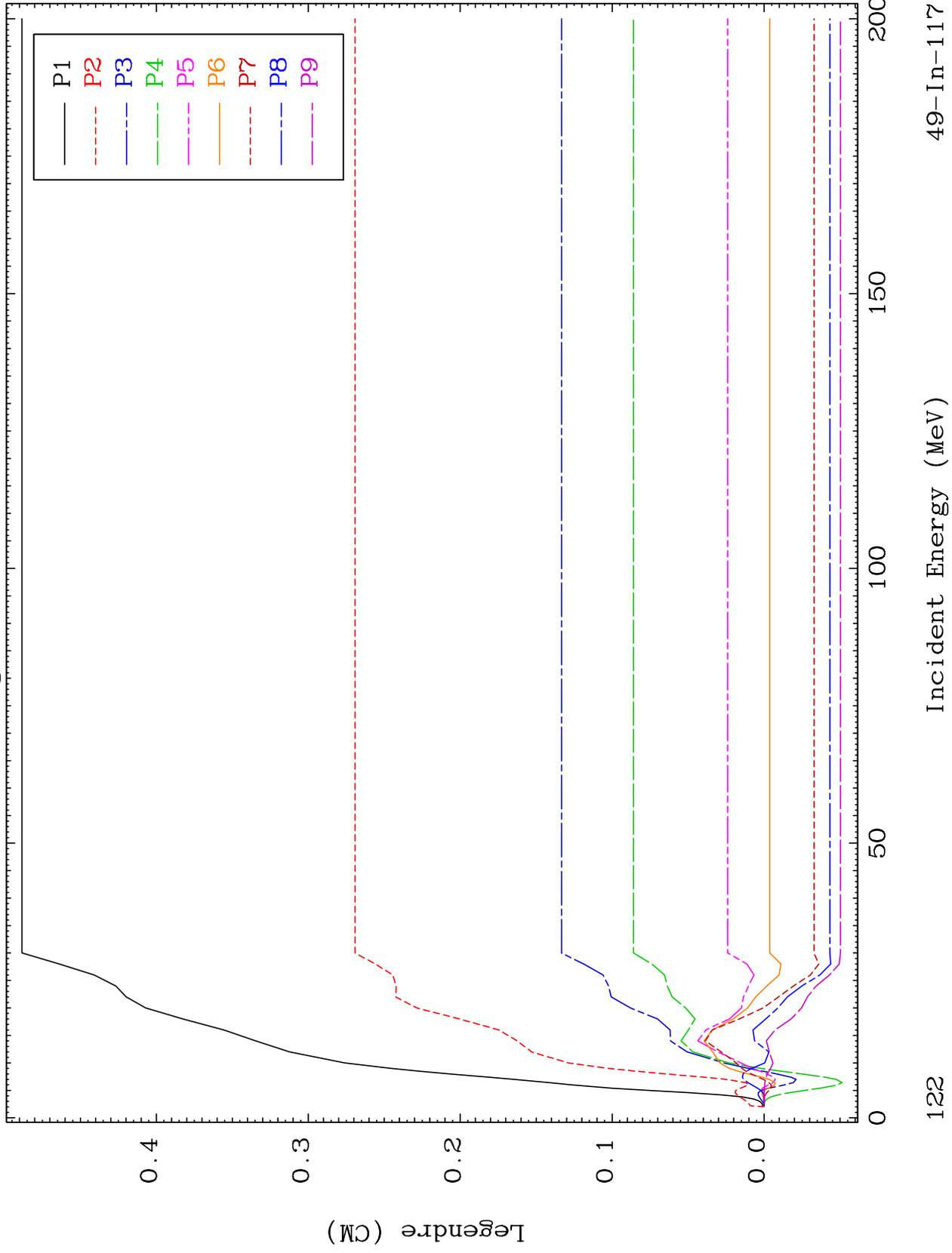
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



49-In-117

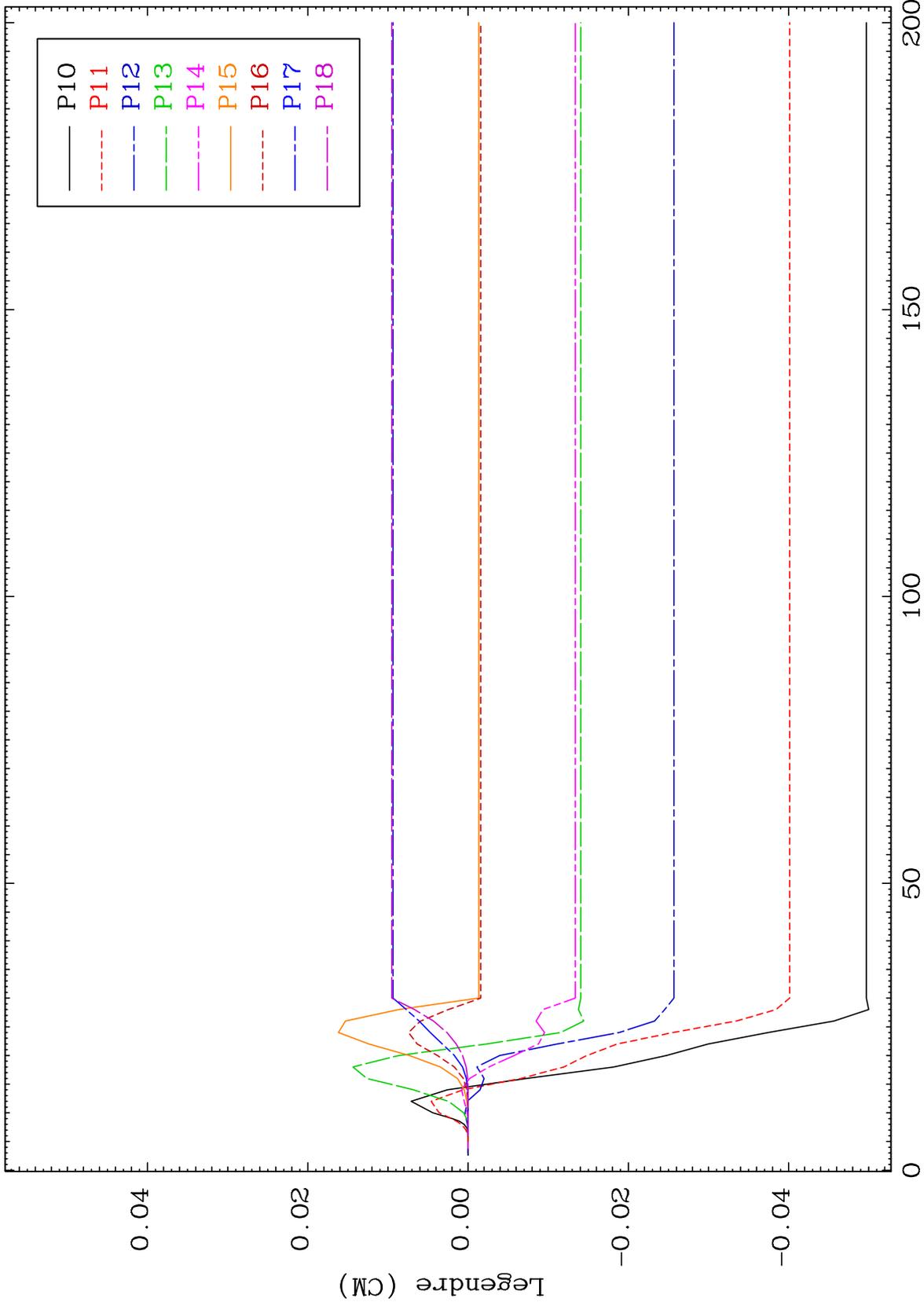
Incident Energy (MeV)

122

MAT 4937

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

49-In-117



123

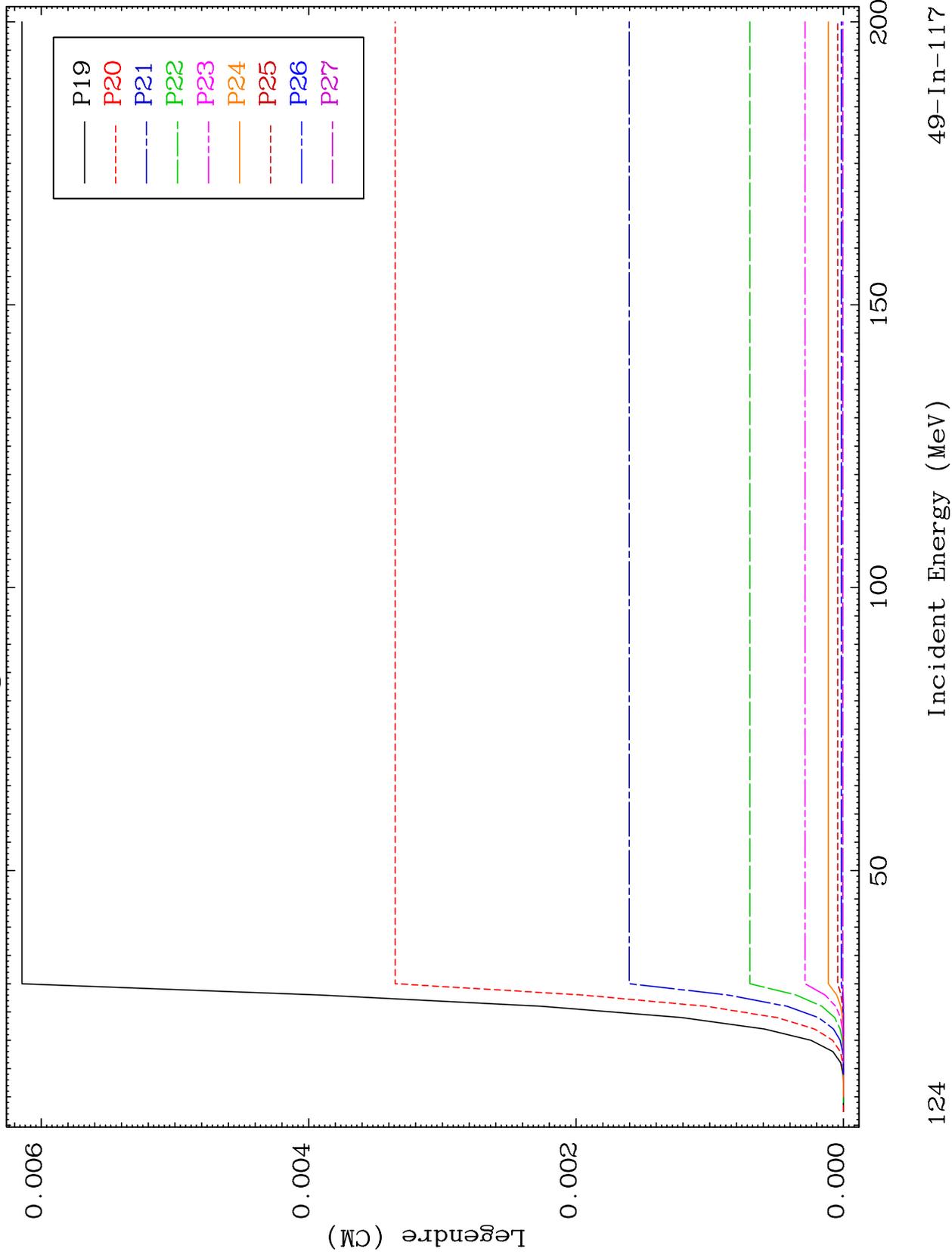
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



124

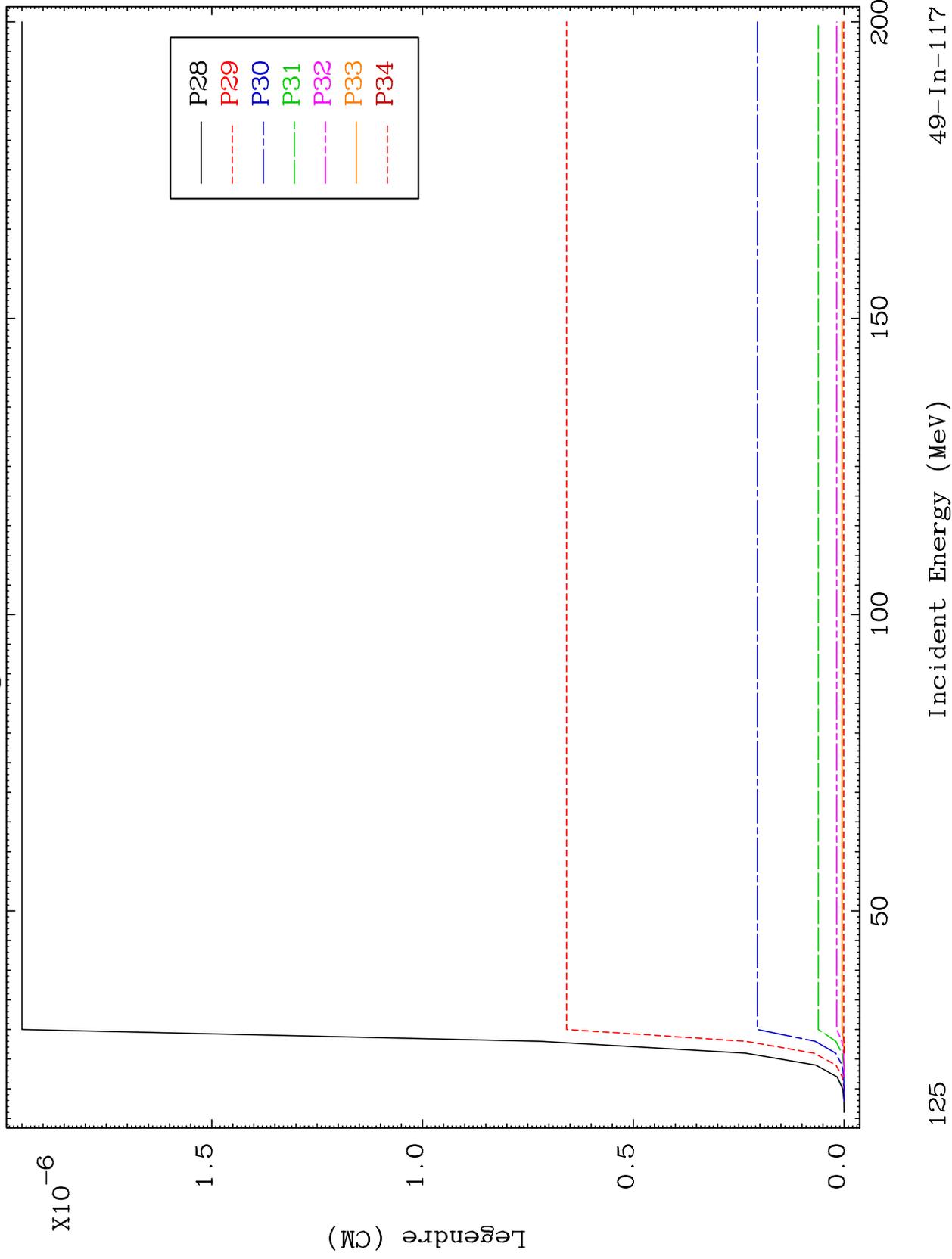
Incident Energy (MeV)

49-In-117

MAT 4937

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

49-In-117



125

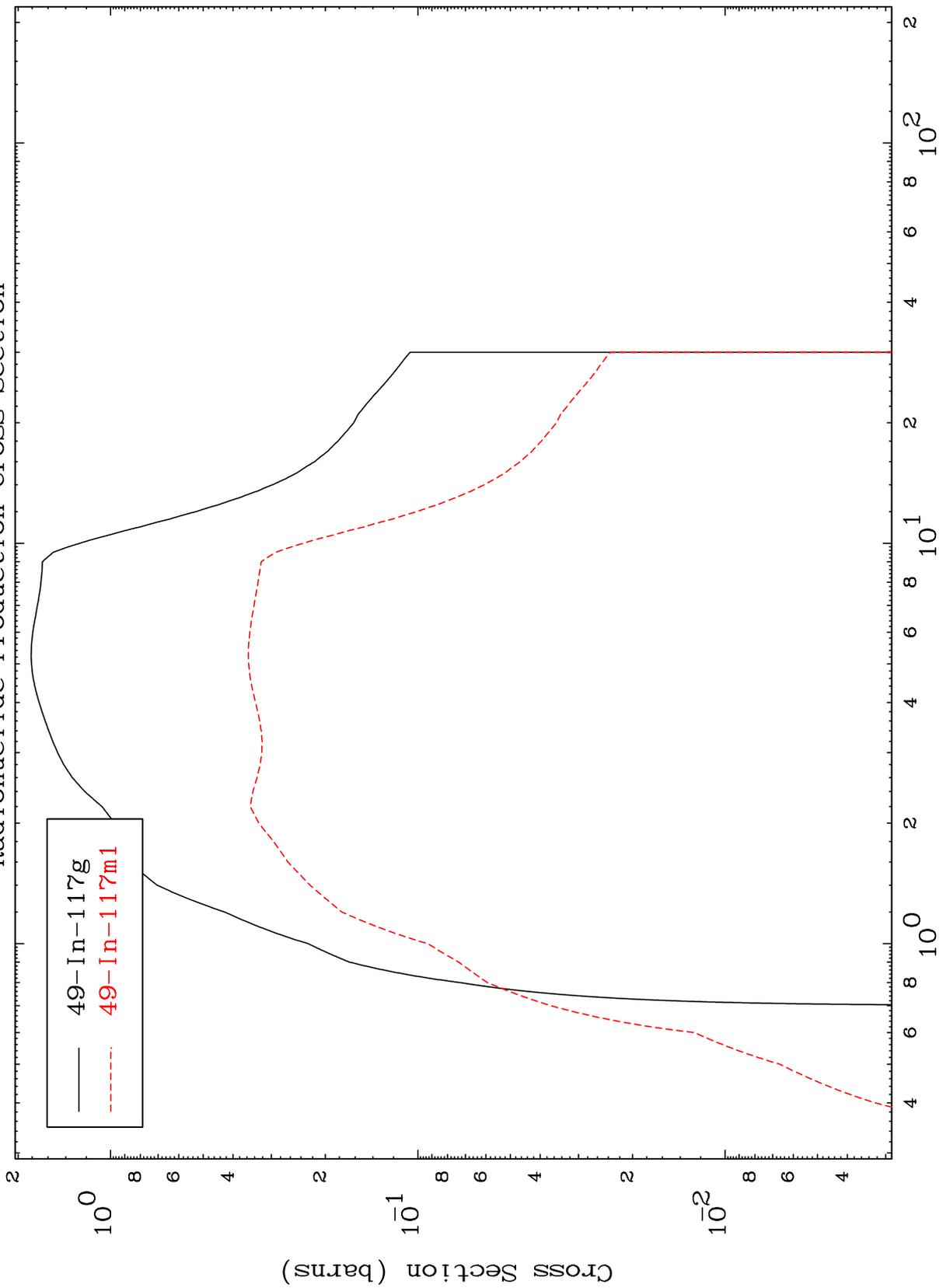
Incident Energy (MeV)

49-In-117

MAT 4937

49-In-117

Inelastic  
Radionuclide Production Cross Section



— 49-In-117g  
- - - 49-In-117m1

126

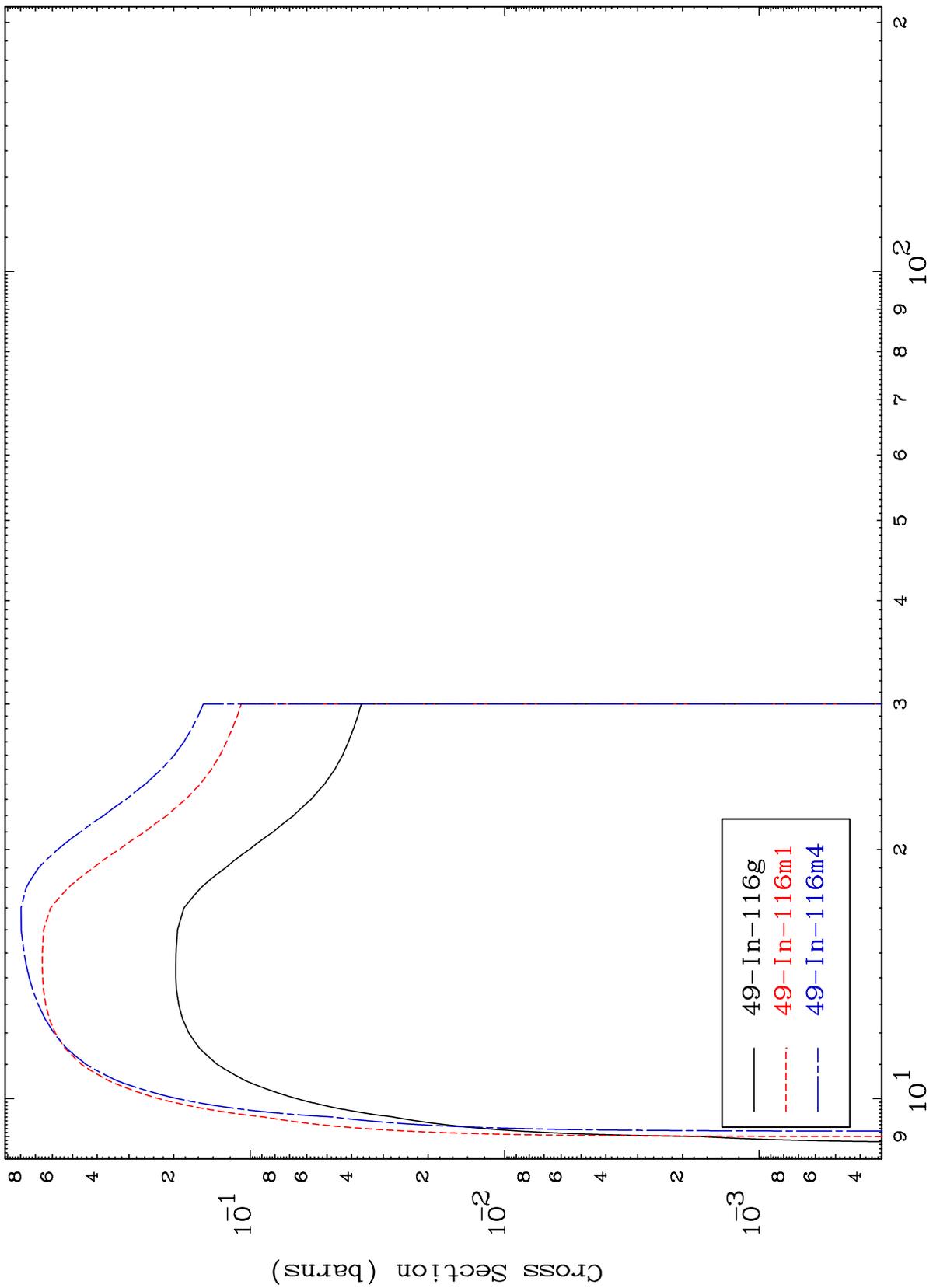
Incident Energy (MeV)

49-In-117

MAT 4937

49-In-117

Radionuclide Production Cross Section



49-In-117

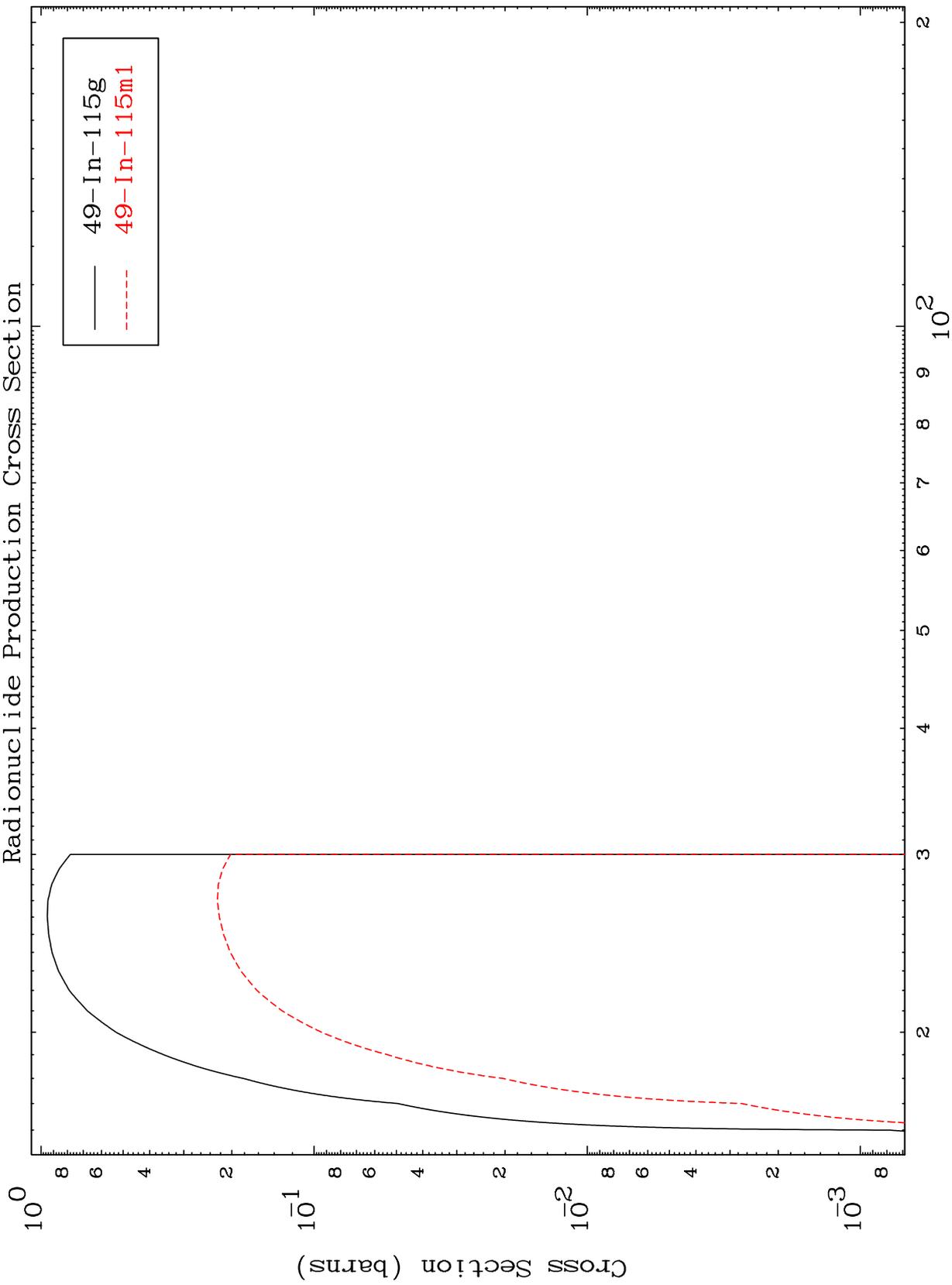
Incident Energy (MeV)

127

MAT 4937

49-In-117

(n,3n)  
Radionuclide Production Cross Section



128

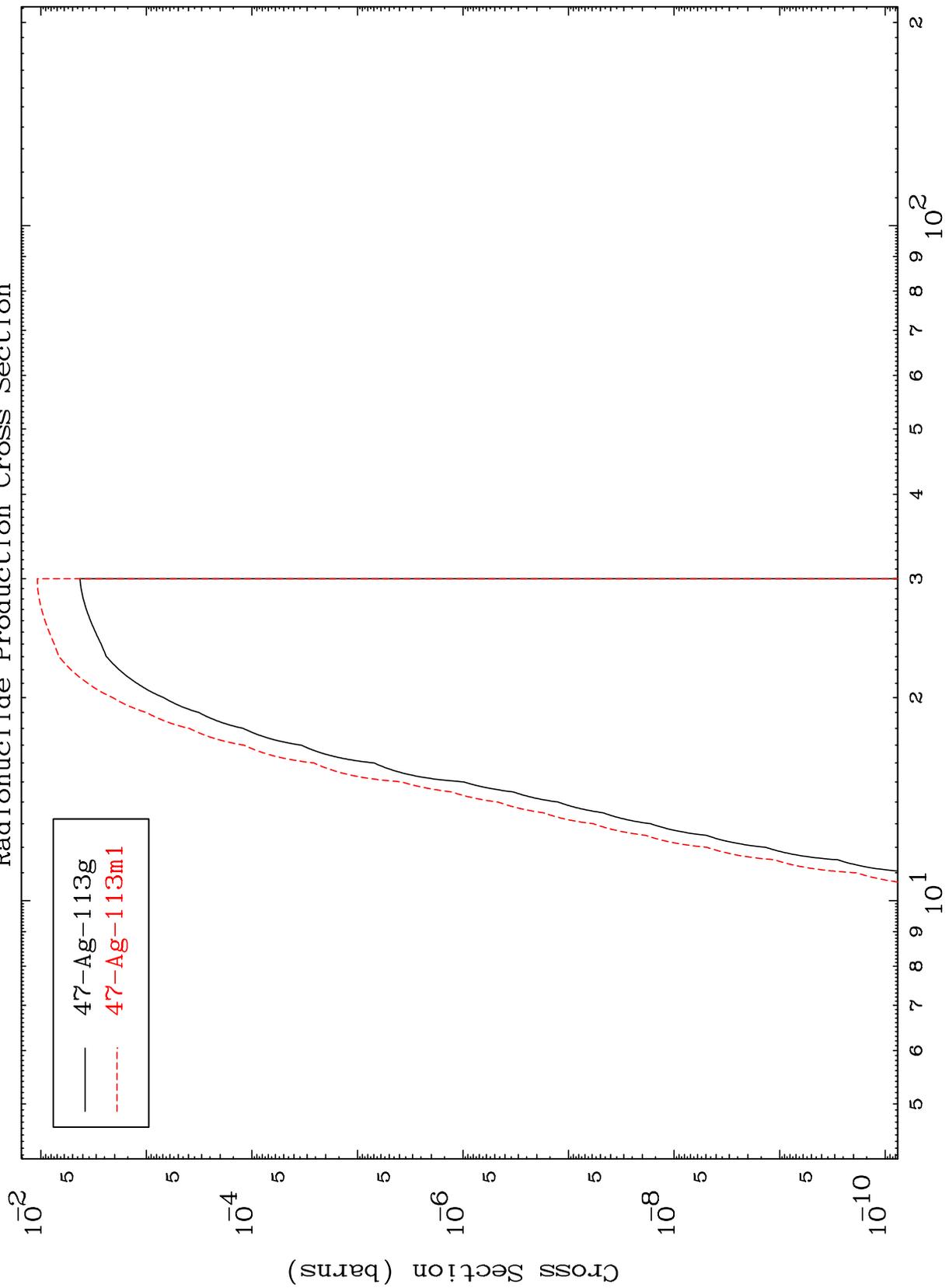
Incident Energy (MeV)

49-In-117

MAT 4937

49-In-117

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-117

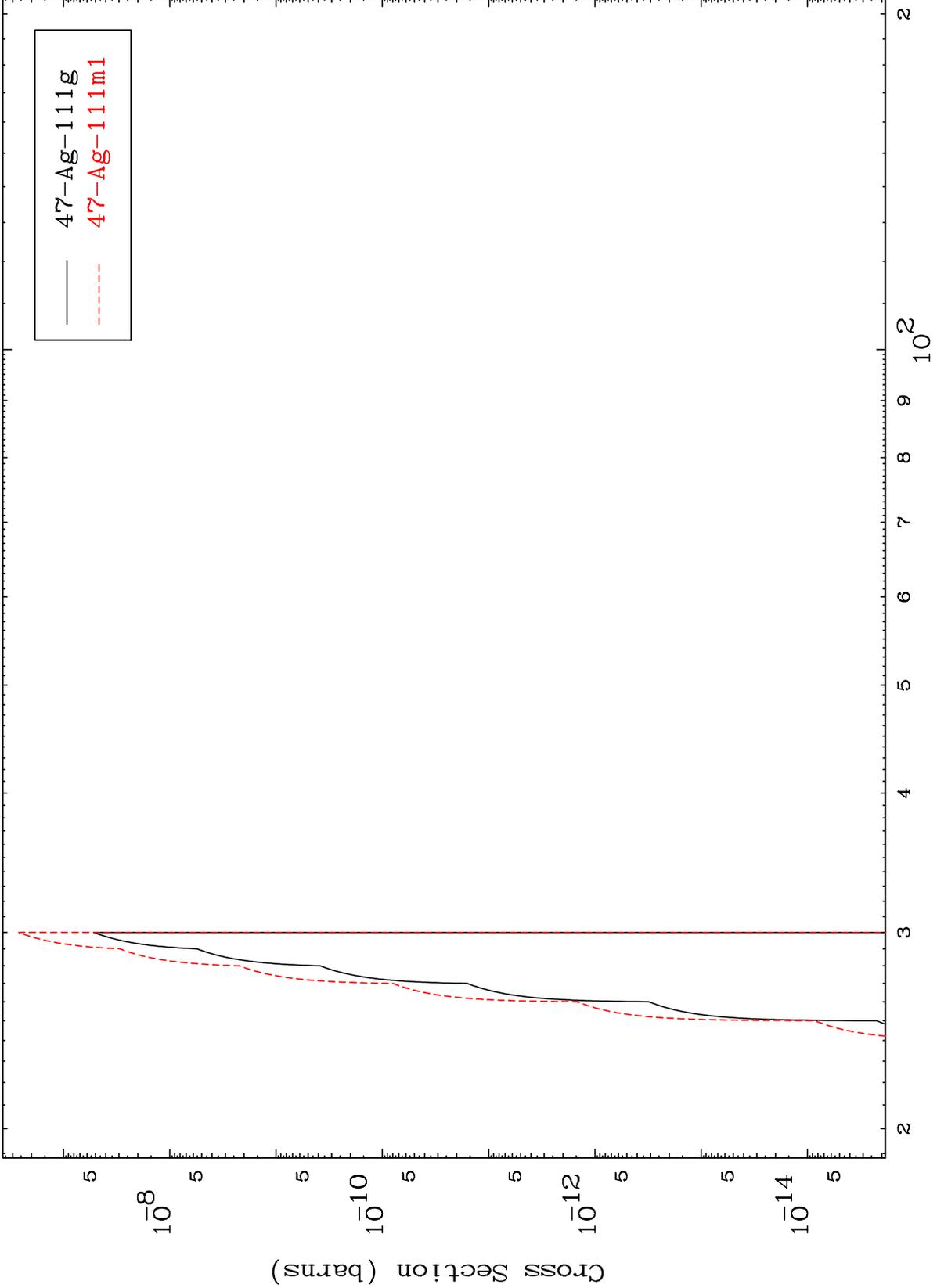
129

MAT 4937

(n,3n)  $\alpha$

49-In-117

Radionuclide Production Cross Section



130

Incident Energy (MeV)

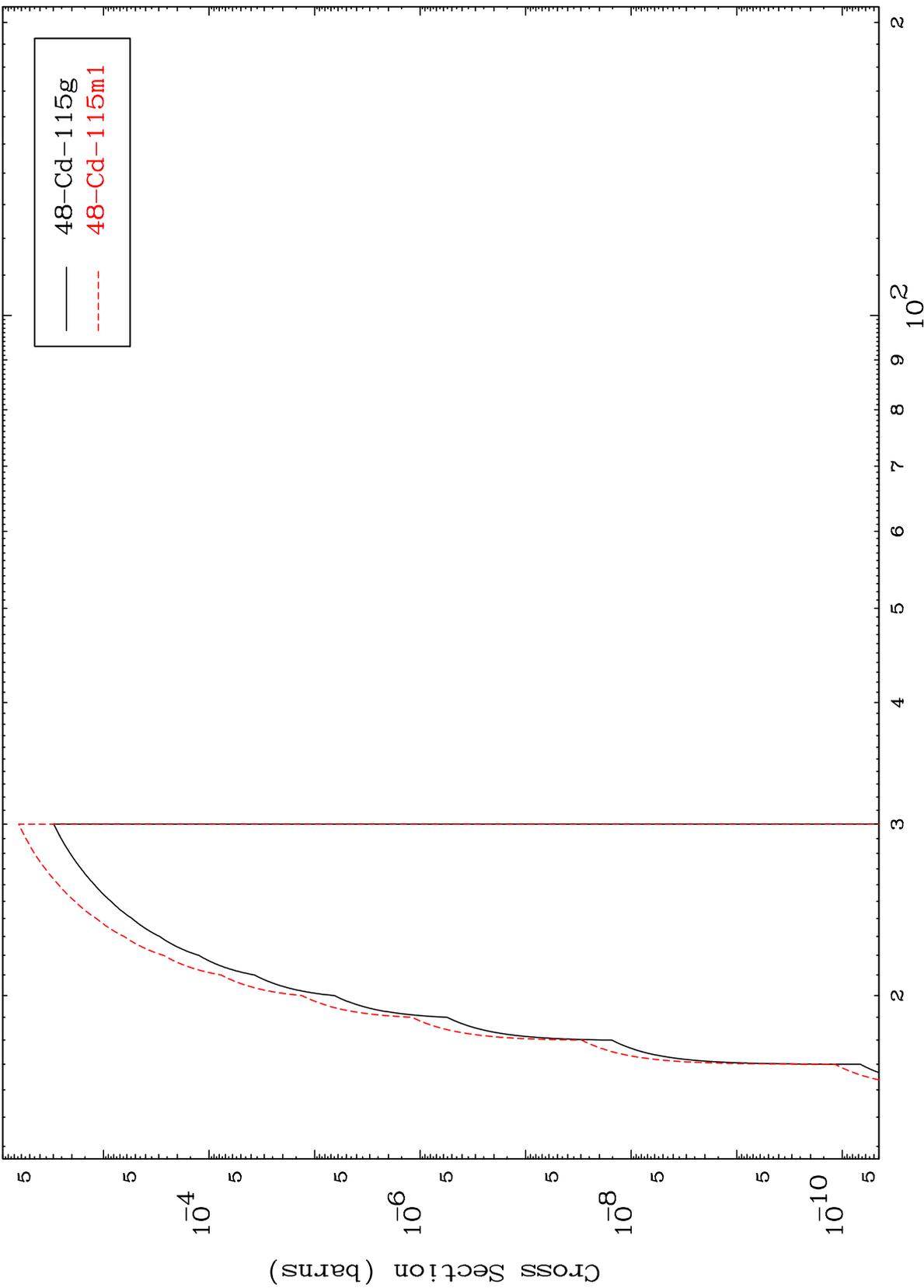
49-In-117

MAT 4937

(n,n') d

49-In-117

Radionuclide Production Cross Section



131

Incident Energy (MeV)

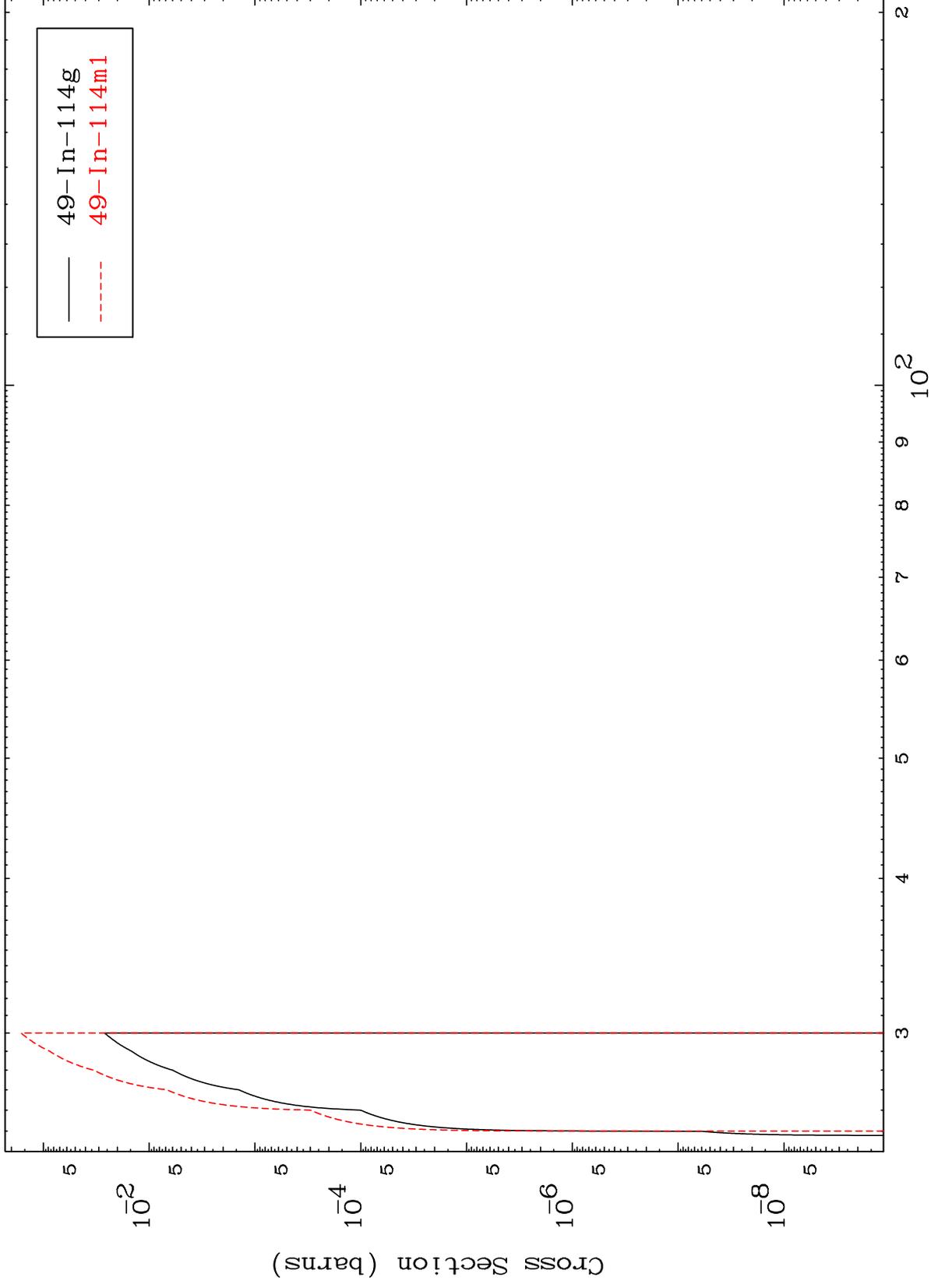
49-In-117

MAT 4937

(n,4n)

49-In-117

Radionuclide Production Cross Section



132

Incident Energy (MeV)

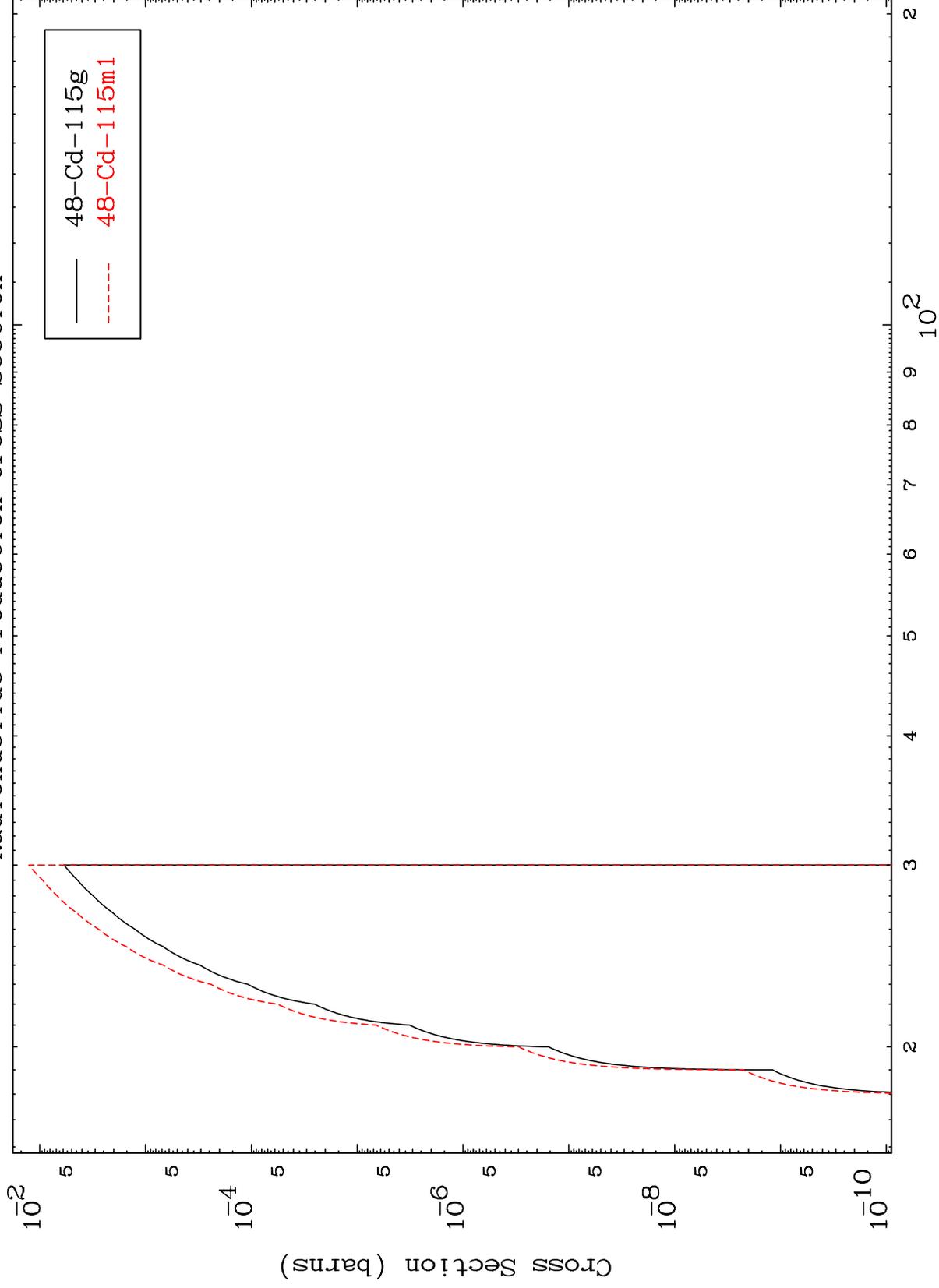
49-In-117

MAT 4937

(n,2n) p

49-In-117

Radionuclide Production Cross Section



133

Incident Energy (MeV)

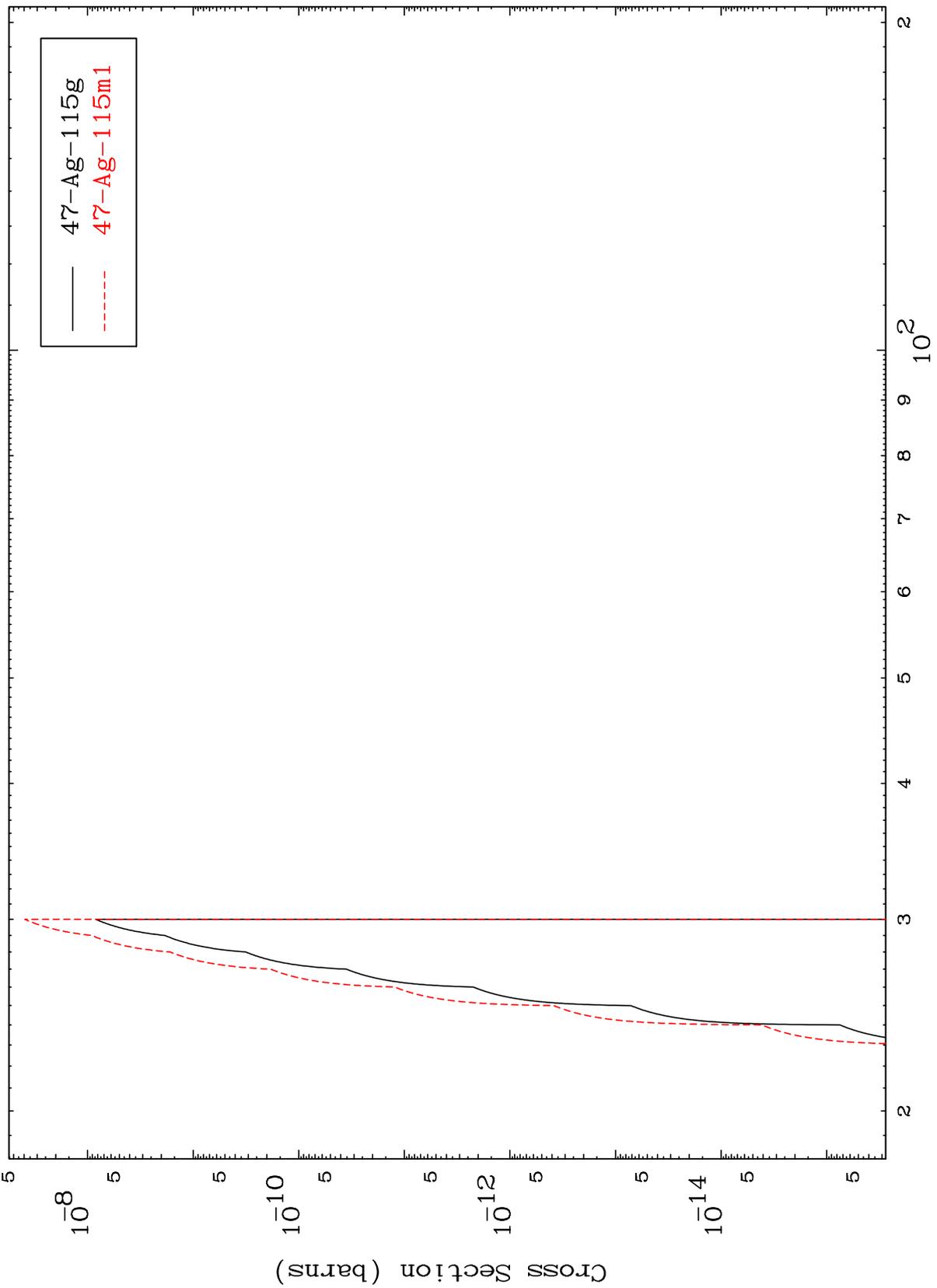
49-In-117

MAT 4937

(n,2n) p

49-In-117

Radionuclide Production Cross Section



134

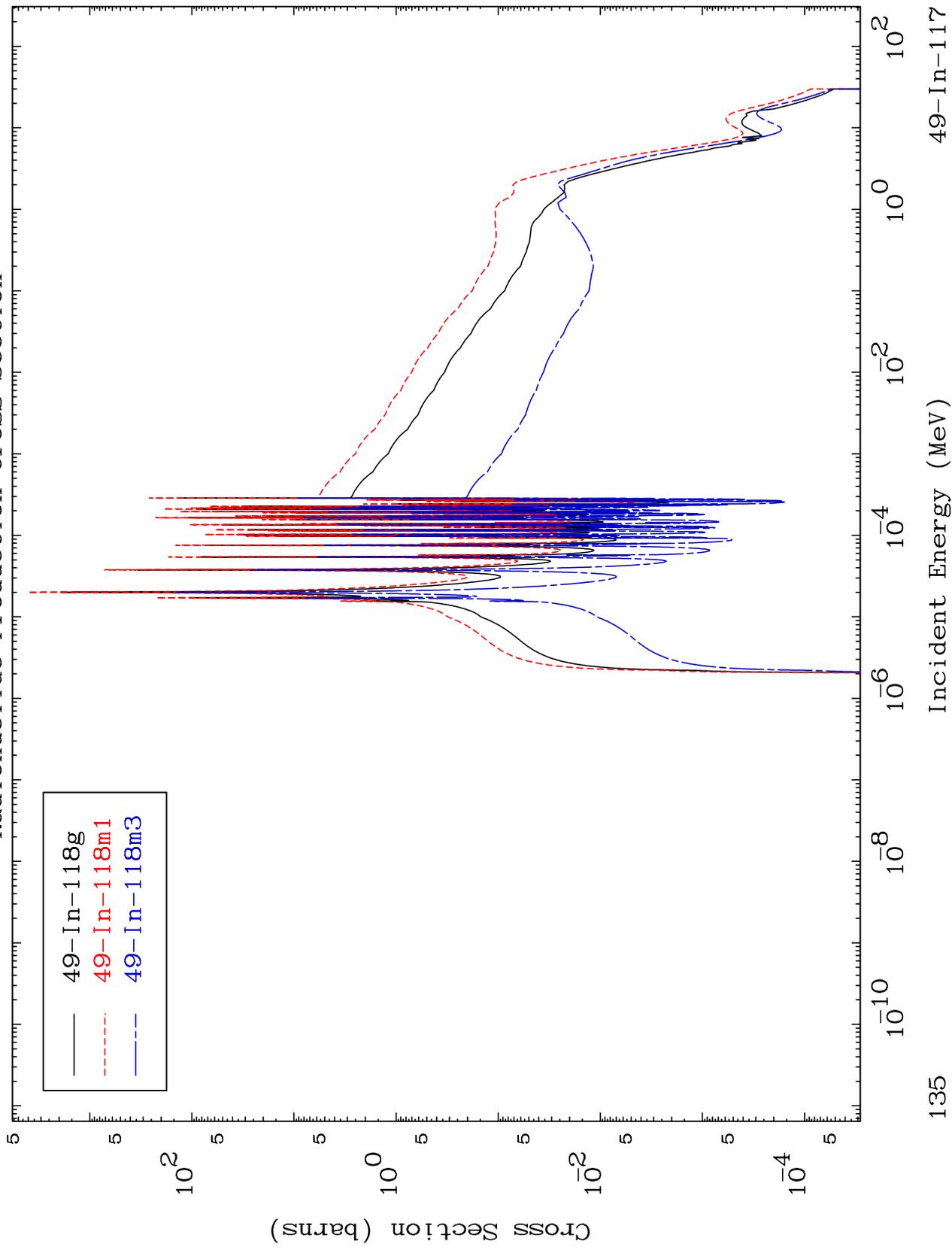
Incident Energy (MeV)

49-In-117

MAT 4937

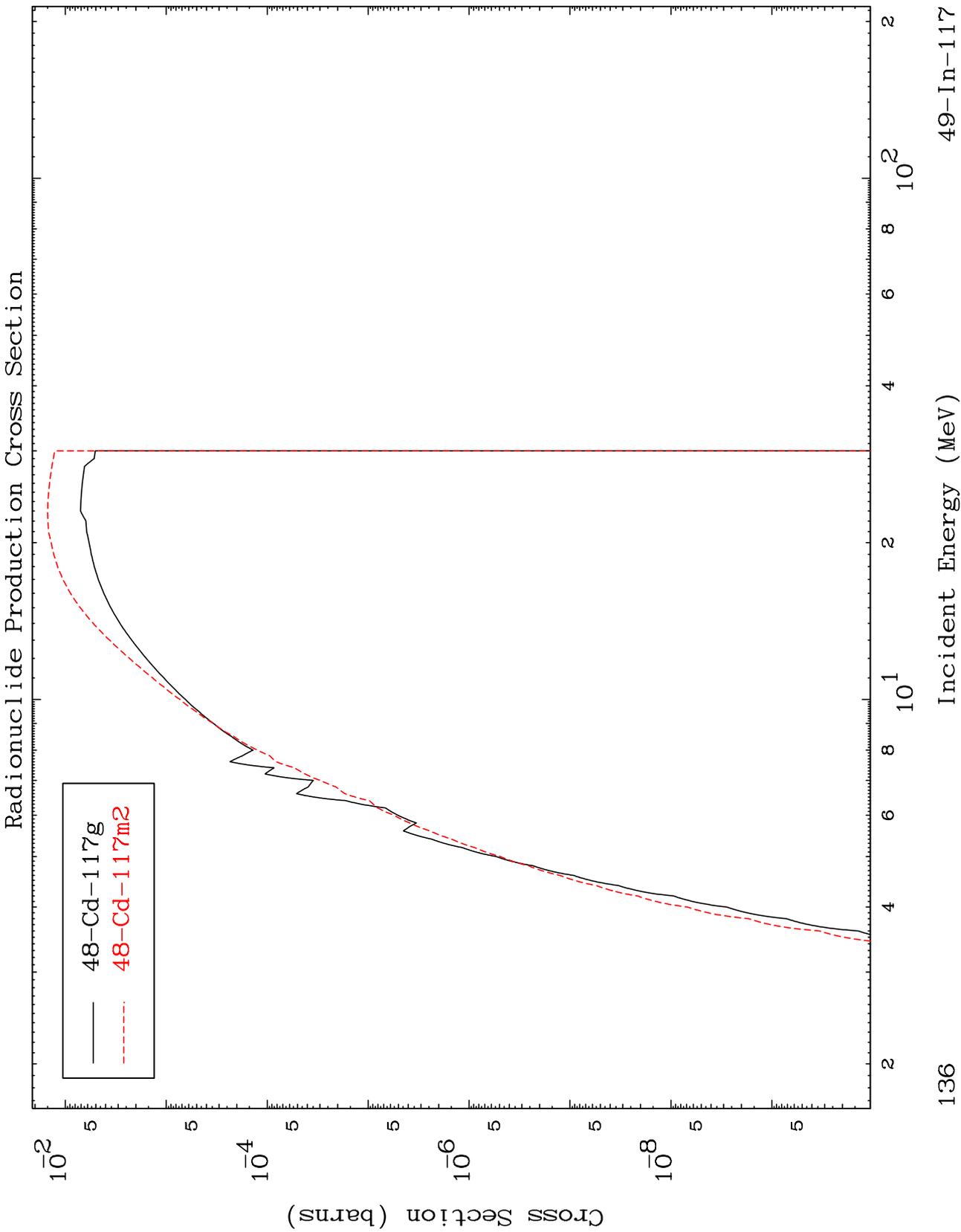
49-In-117

Radionuclide Production Cross Section



MAT 4937

49-In-117



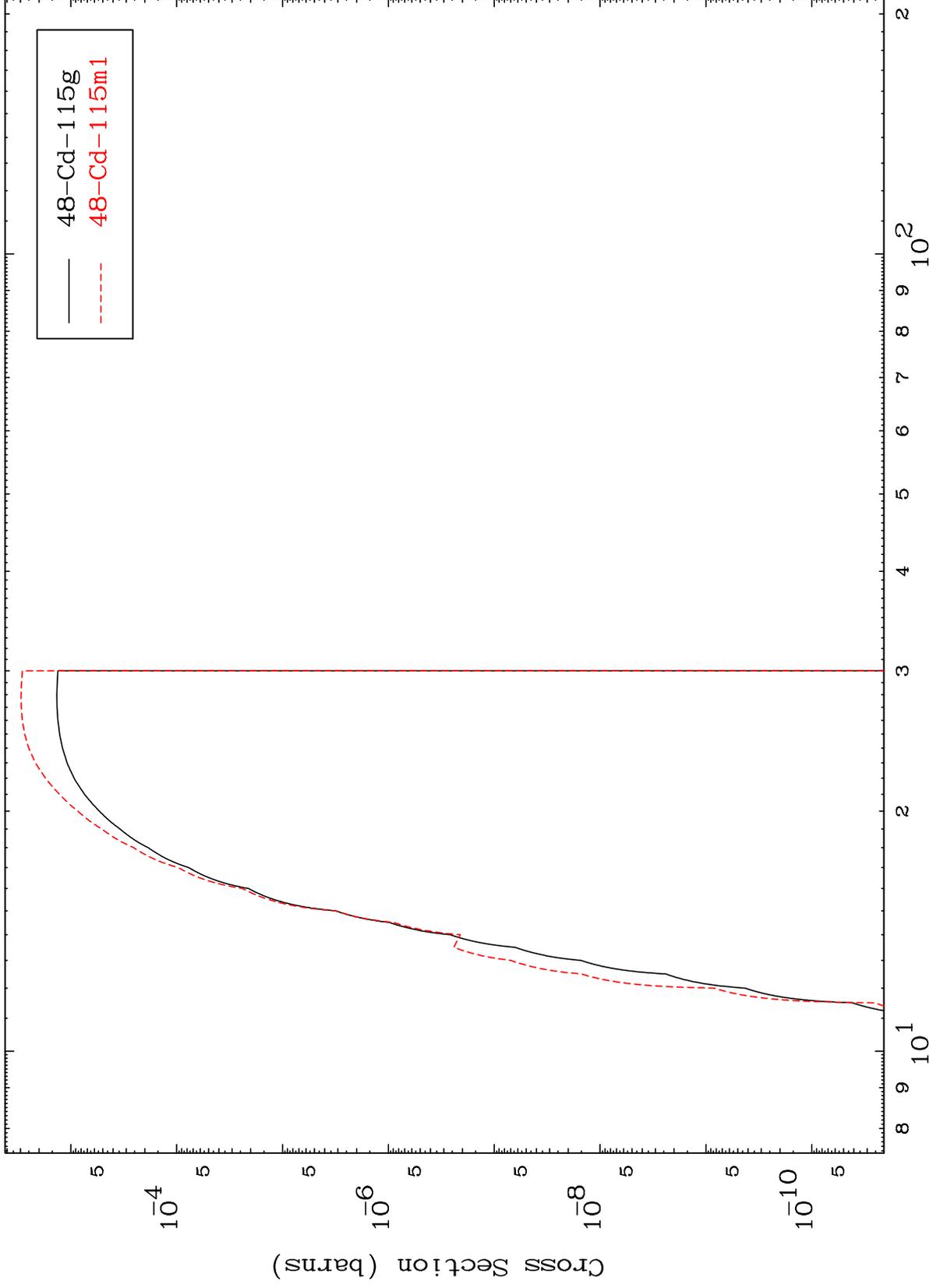
136

49-In-117

MAT 4937

49-In-117

(n,t)  
Radionuclide Production Cross Section

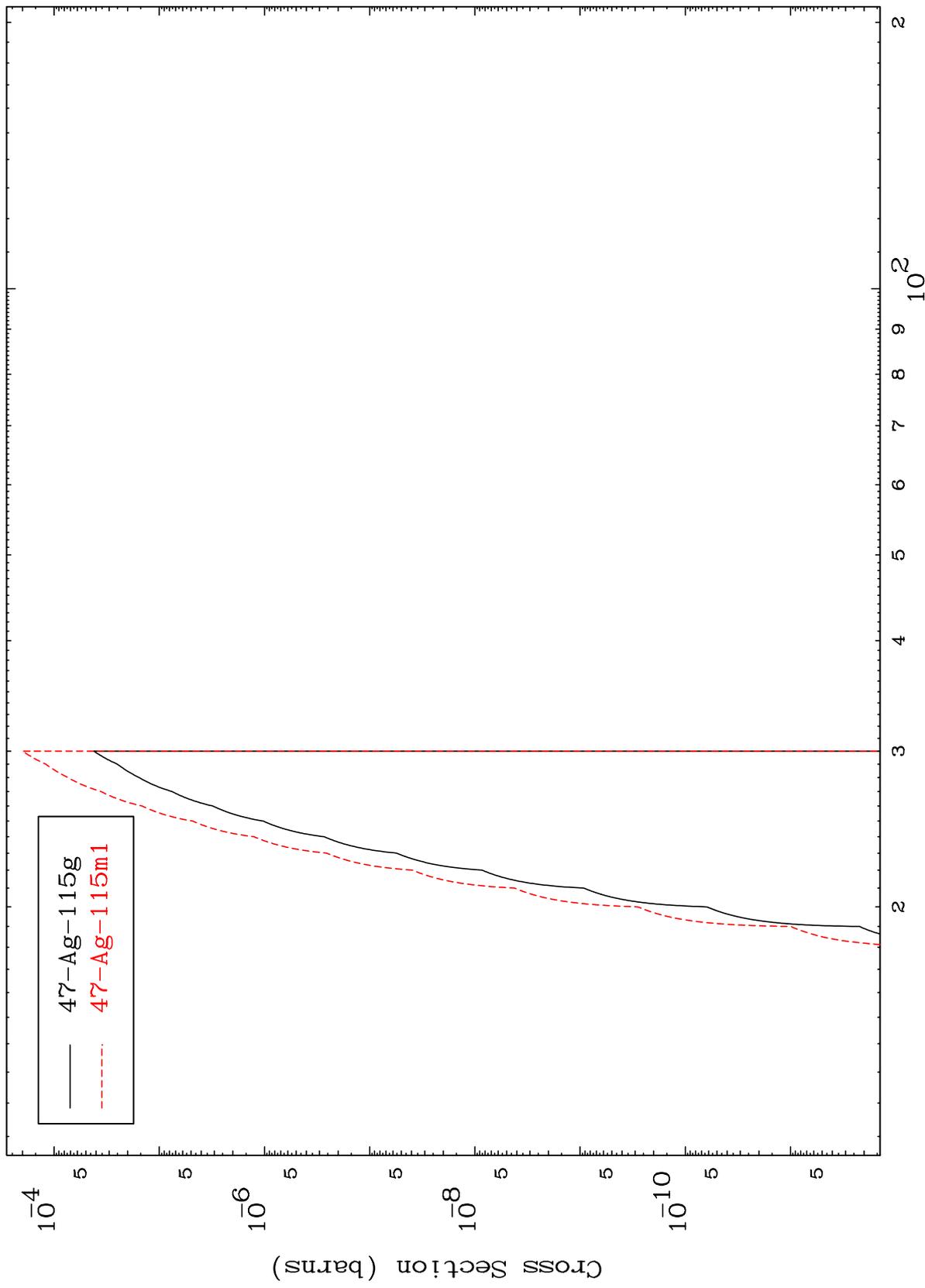


137

Incident Energy (MeV)

49-In-117

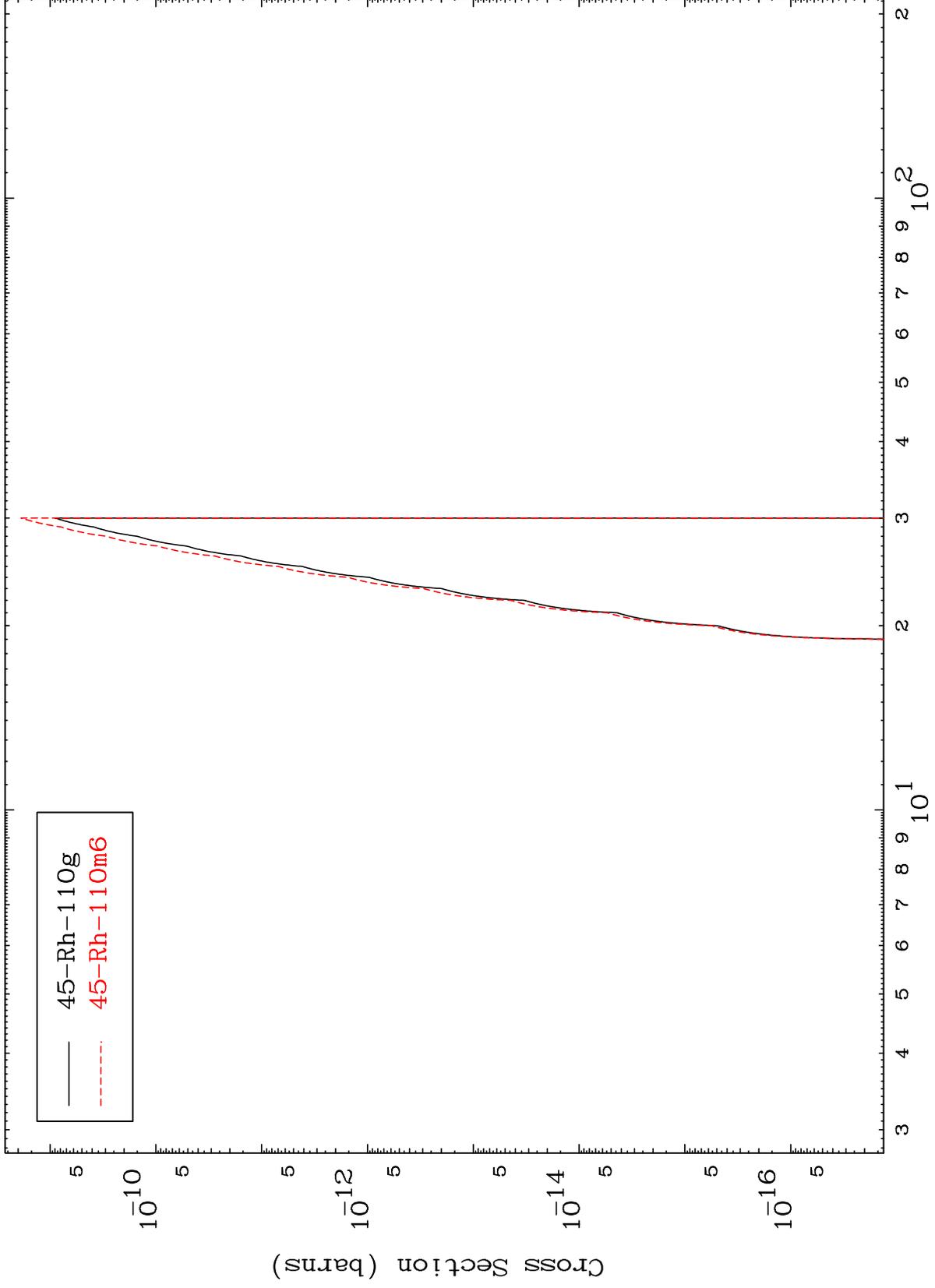
Radionuclide Production Cross Section  
(n,He-3)



MAT 4937

49-In-117

(n,2α)  
Radionuclide Production Cross Section



— 45-Rh-110g  
- - - 45-Rh-110m6

139

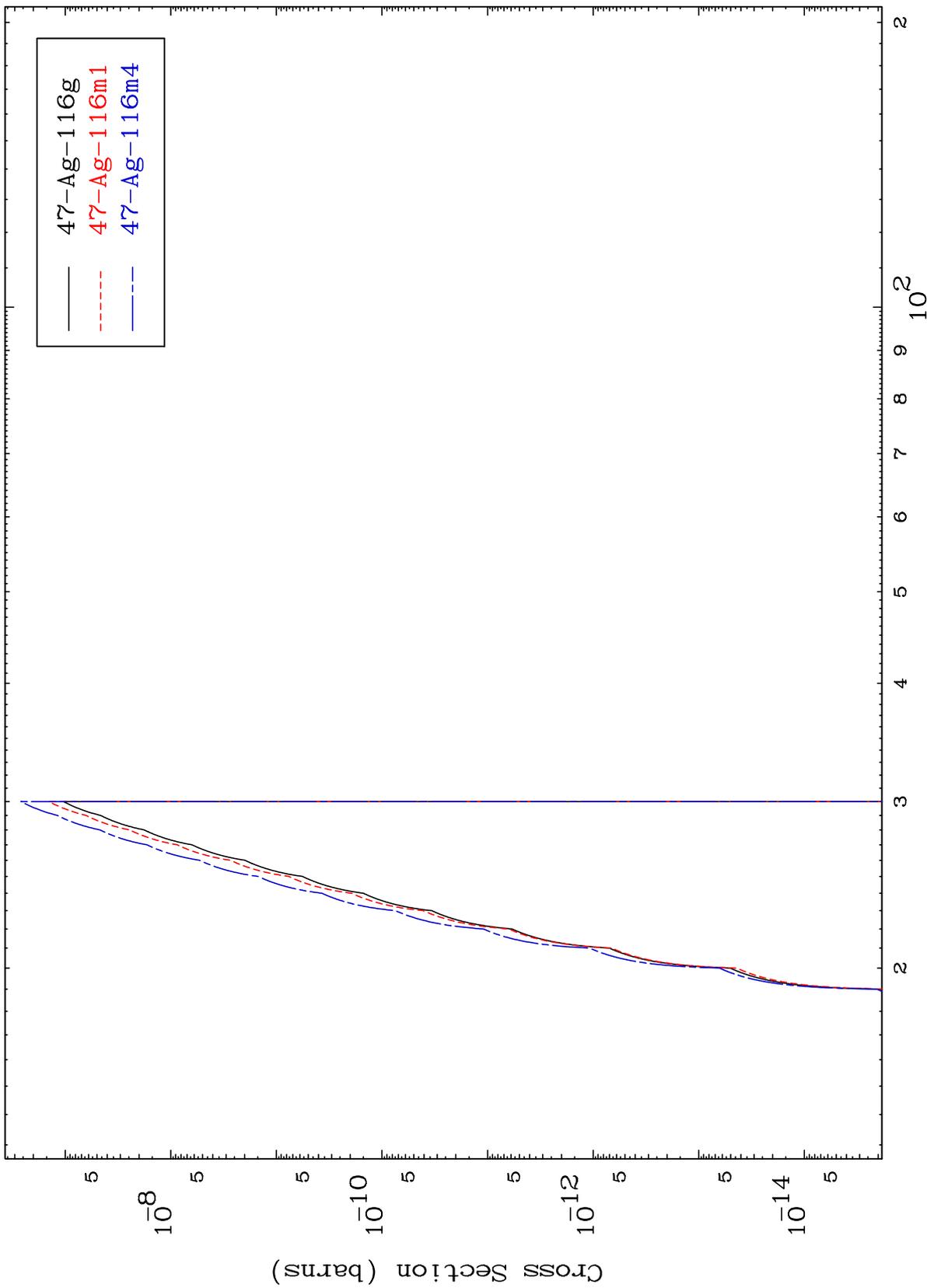
Incident Energy (MeV)

49-In-117

MAT 4937

49-In-117

(n,2p)  
Radionuclide Production Cross Section



140

49-In-117

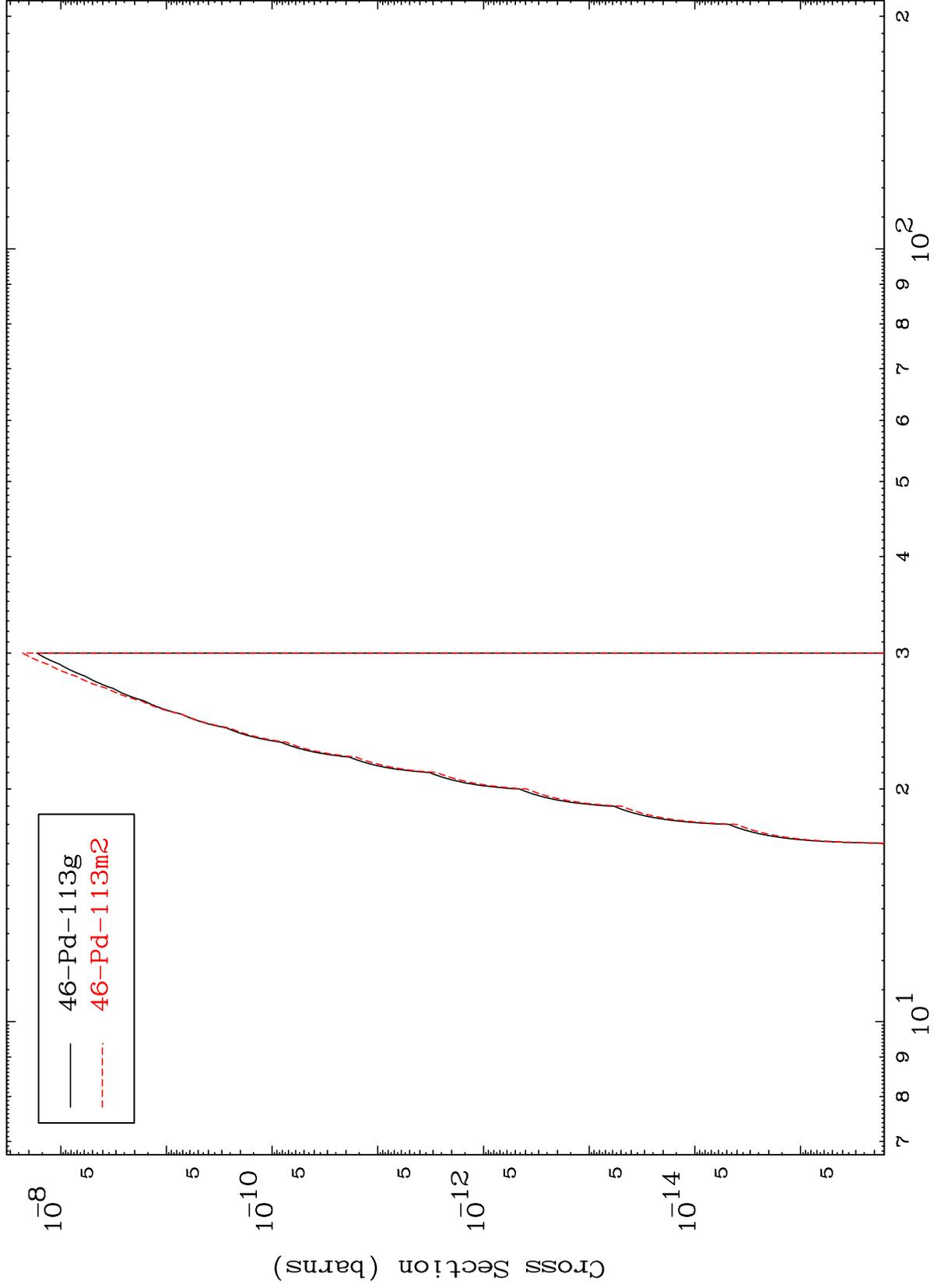
Incident Energy (MeV)

MAT 4937

(n,p)  $\alpha$

49-In-117

Radionuclide Production Cross Section

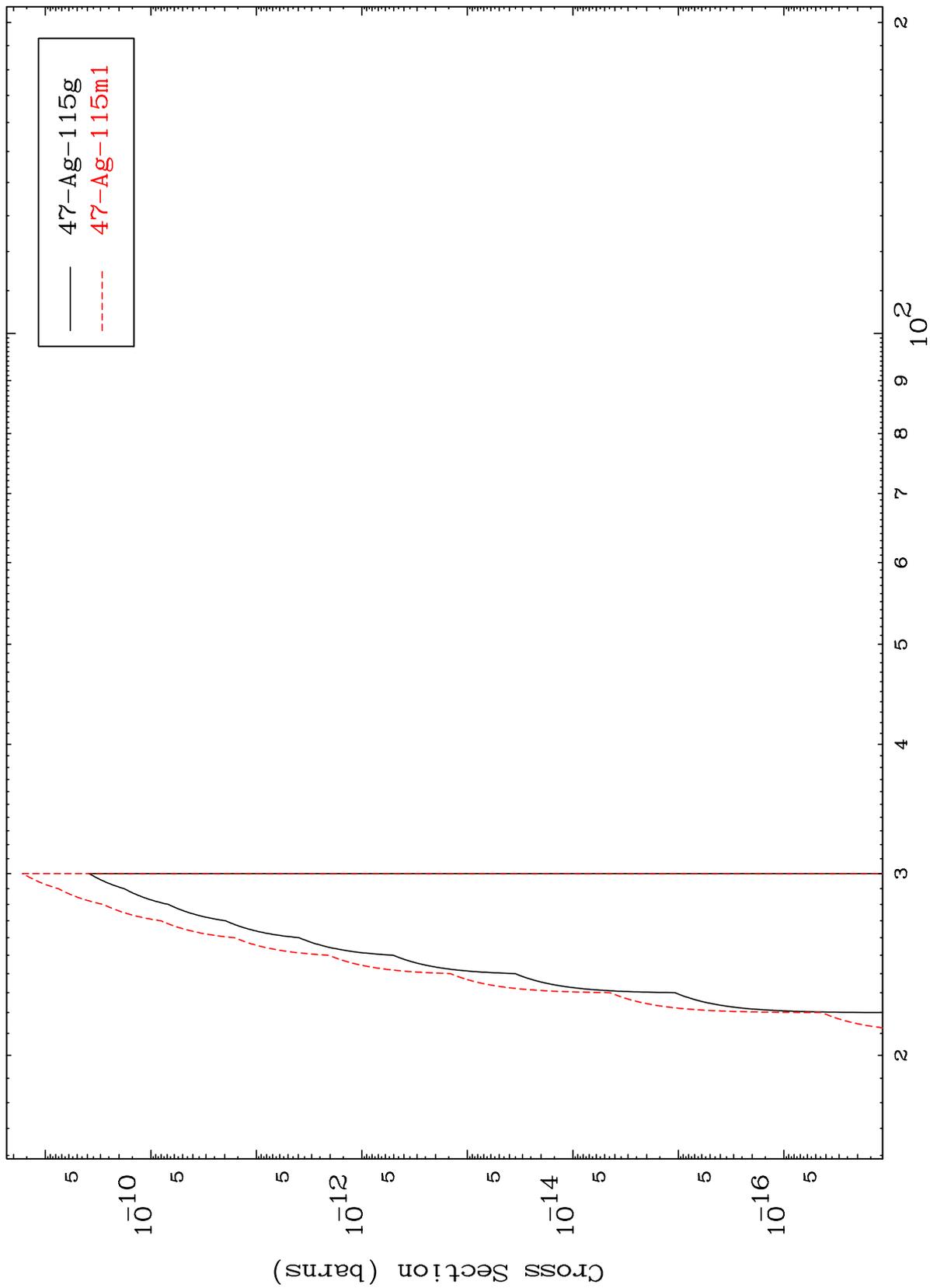


MAT 4937

(n,p) d

49-In-117

Radionuclide Production Cross Section



142

Incident Energy (MeV)

49-In-117