

Program EVALPLOT  
(Version 2018-1)

by

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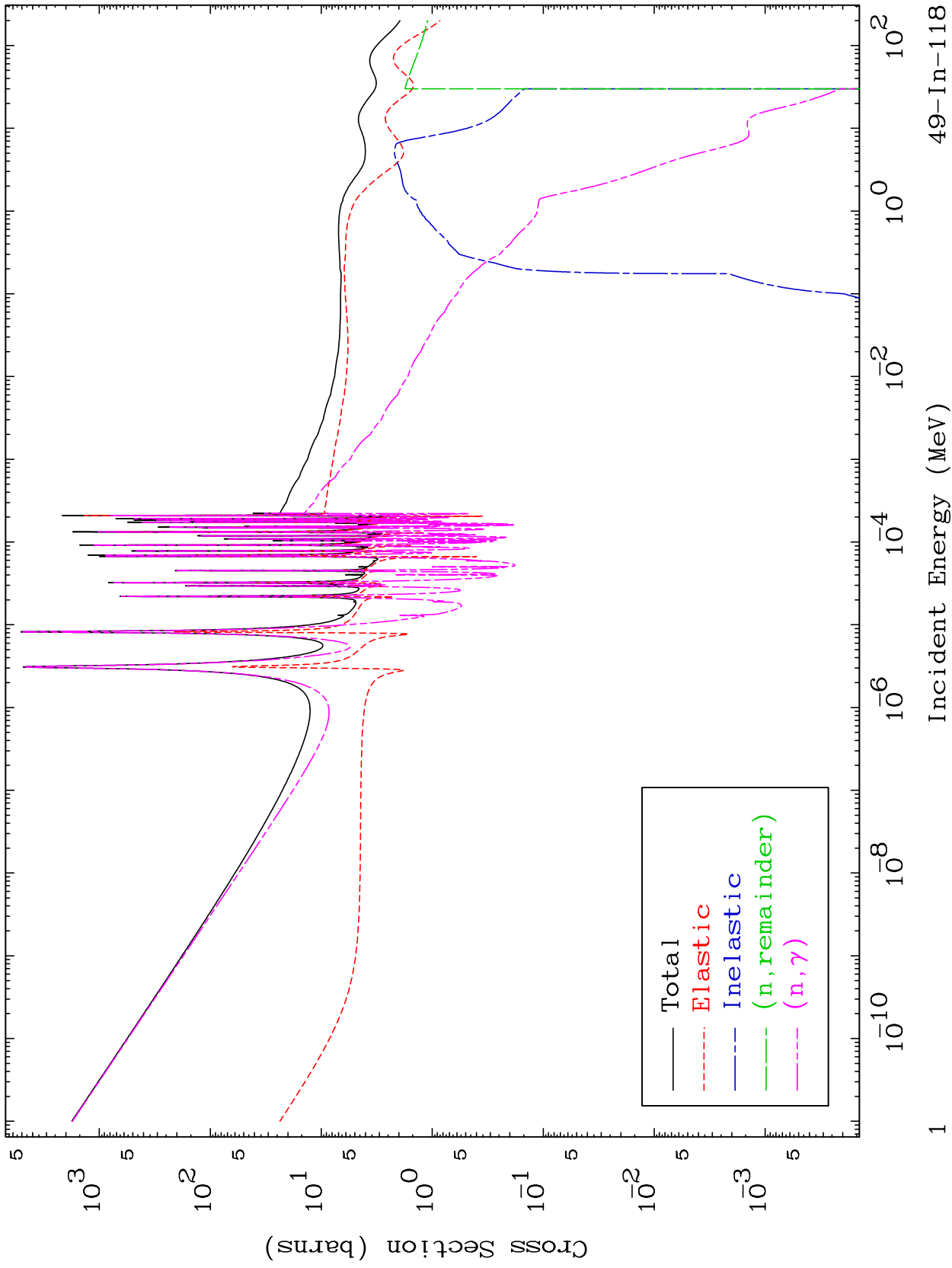
Press Mouse Button to Start

MAT 4940

Major

293 Kelvin Cross Sections

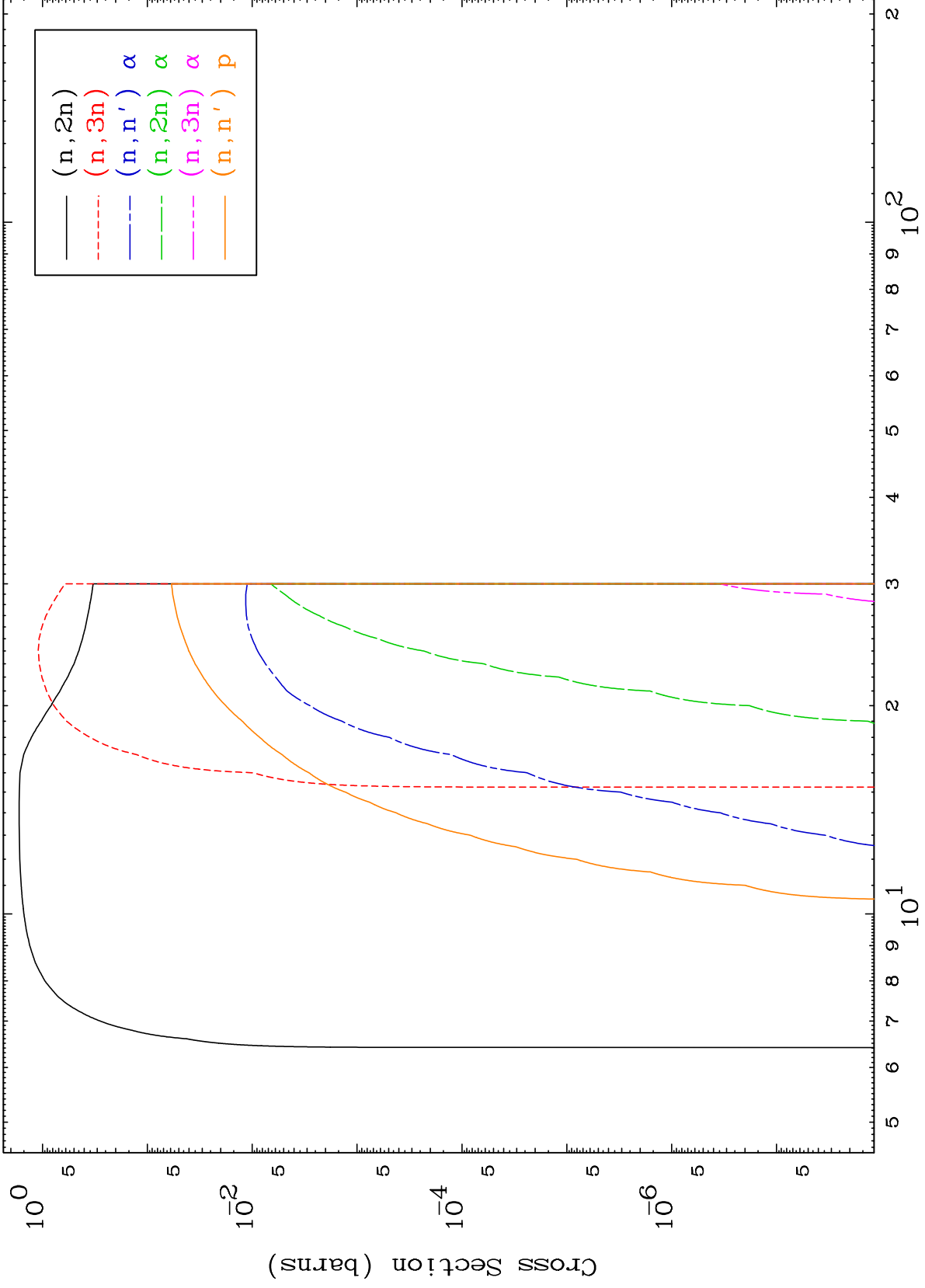
49-In-118



MAT 4940

Neutron Production  
293 Kelvin Cross Sections

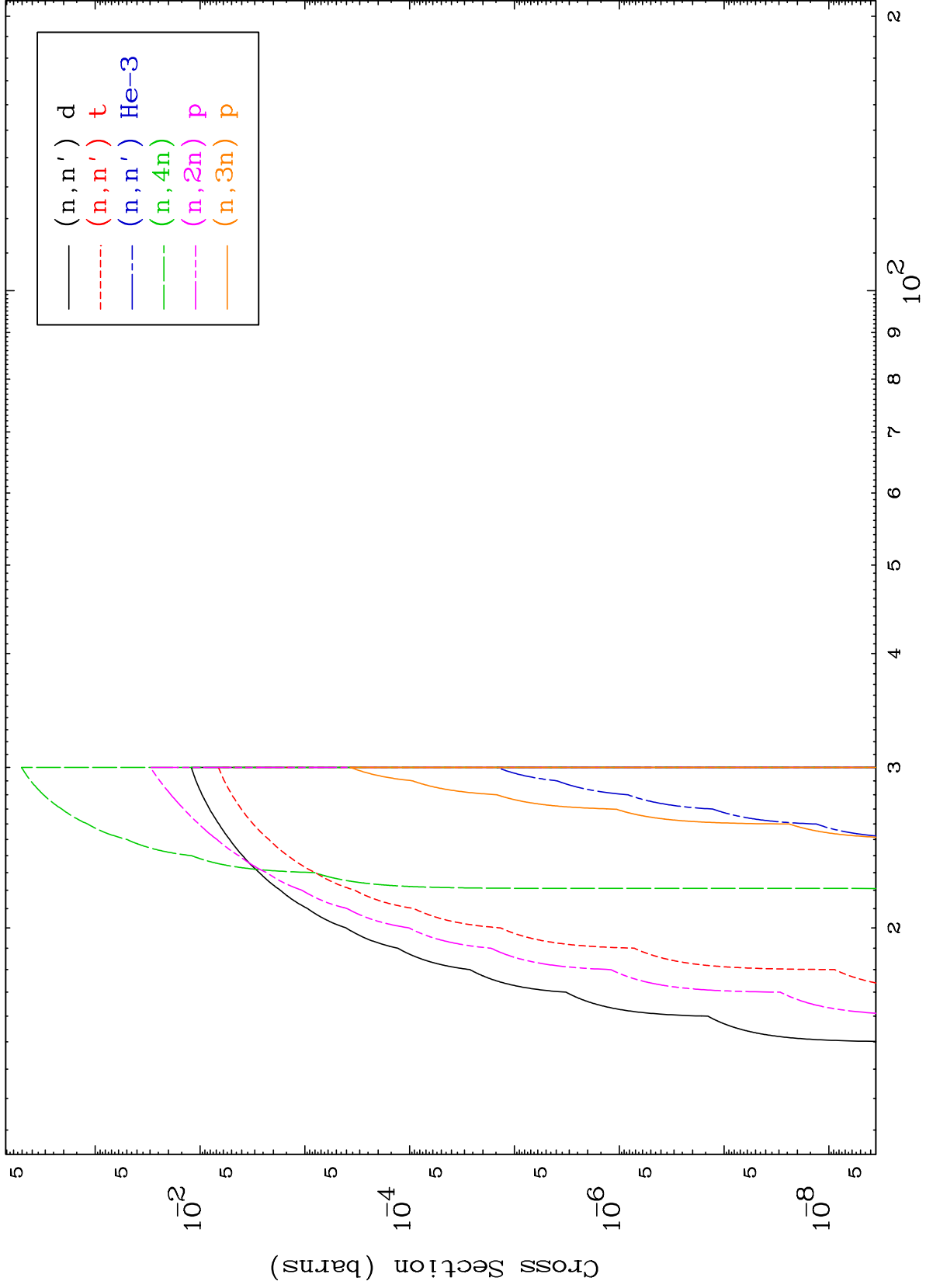
49-In-118



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Incident Energy (MeV)

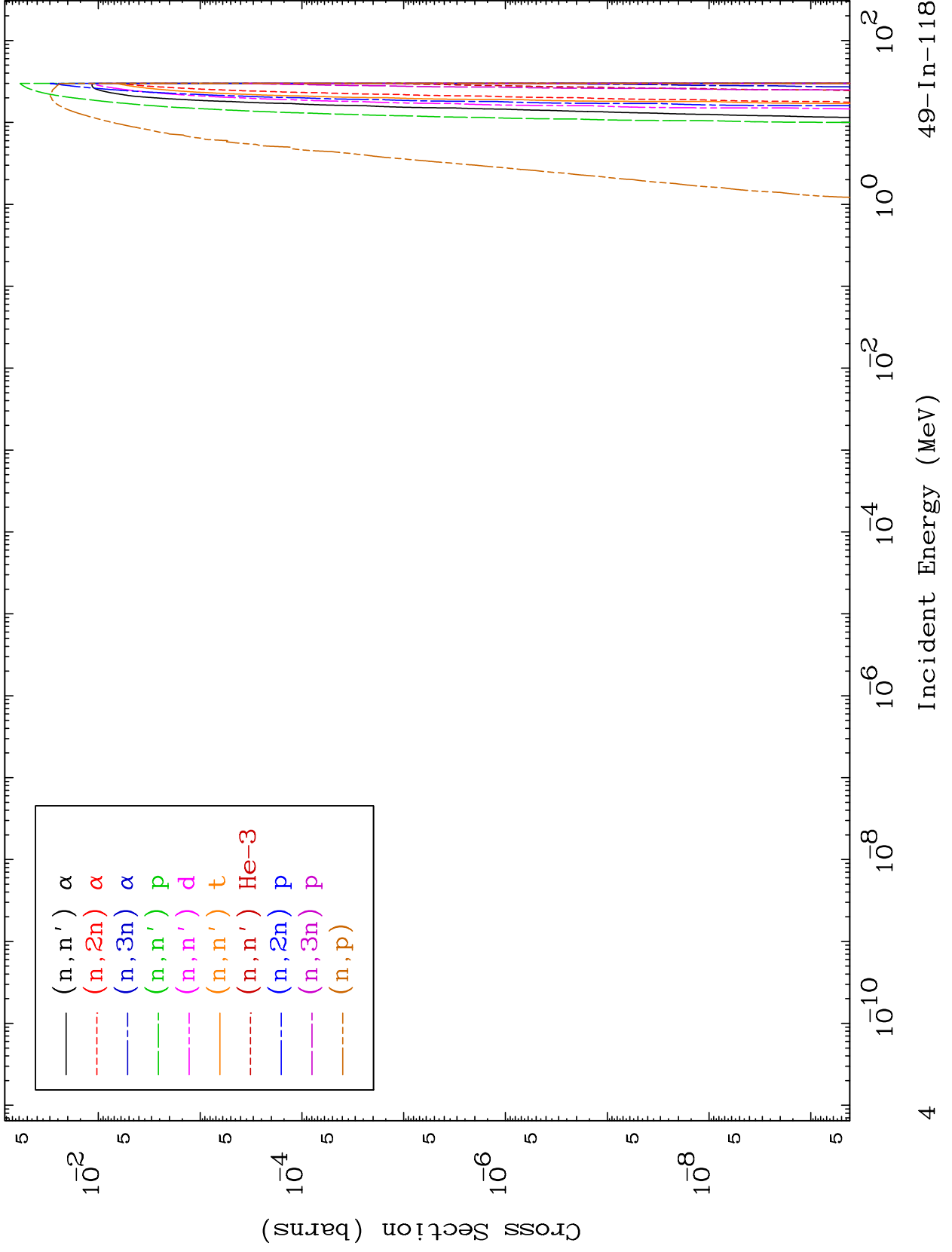
49-In-118



MAT 4940

Charged Particle  
293 Kelvin Cross Sections

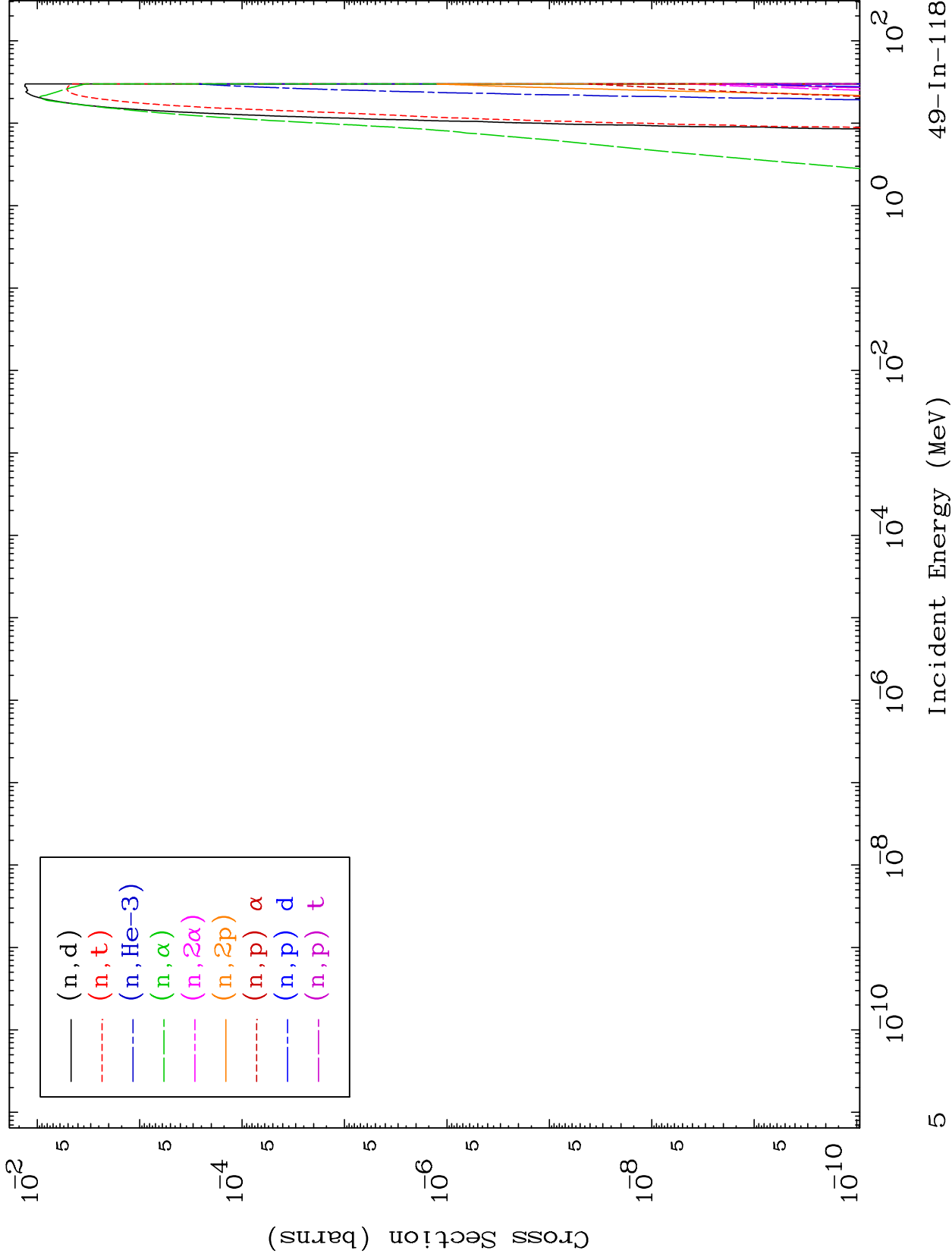
49-In-118



MAT 4940

Charged Particle  
293 Kelvin Cross Sections

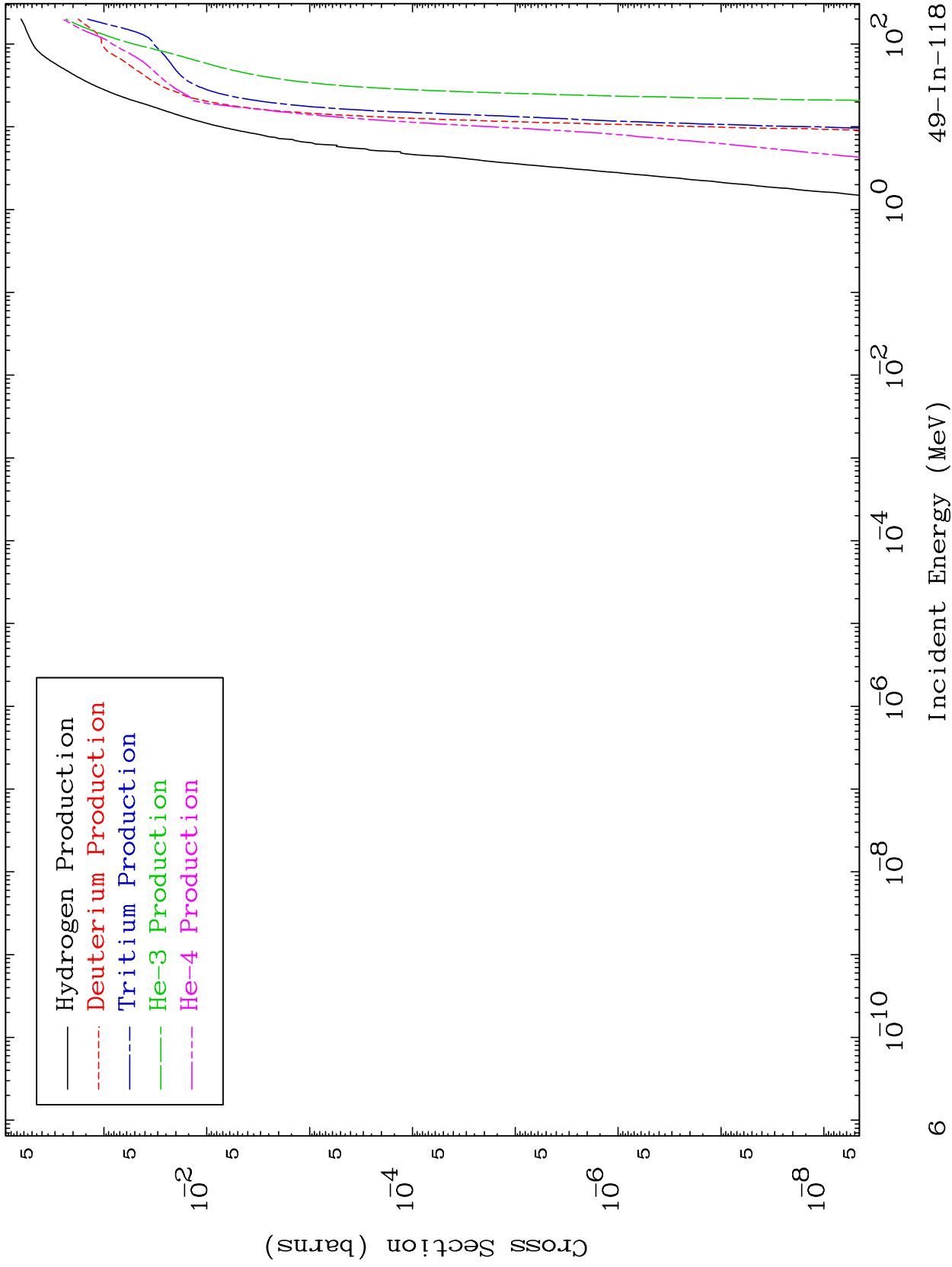
49-In-118



MAT 4940

Particle Production  
293 Kelvin Cross Sections

49-In-118

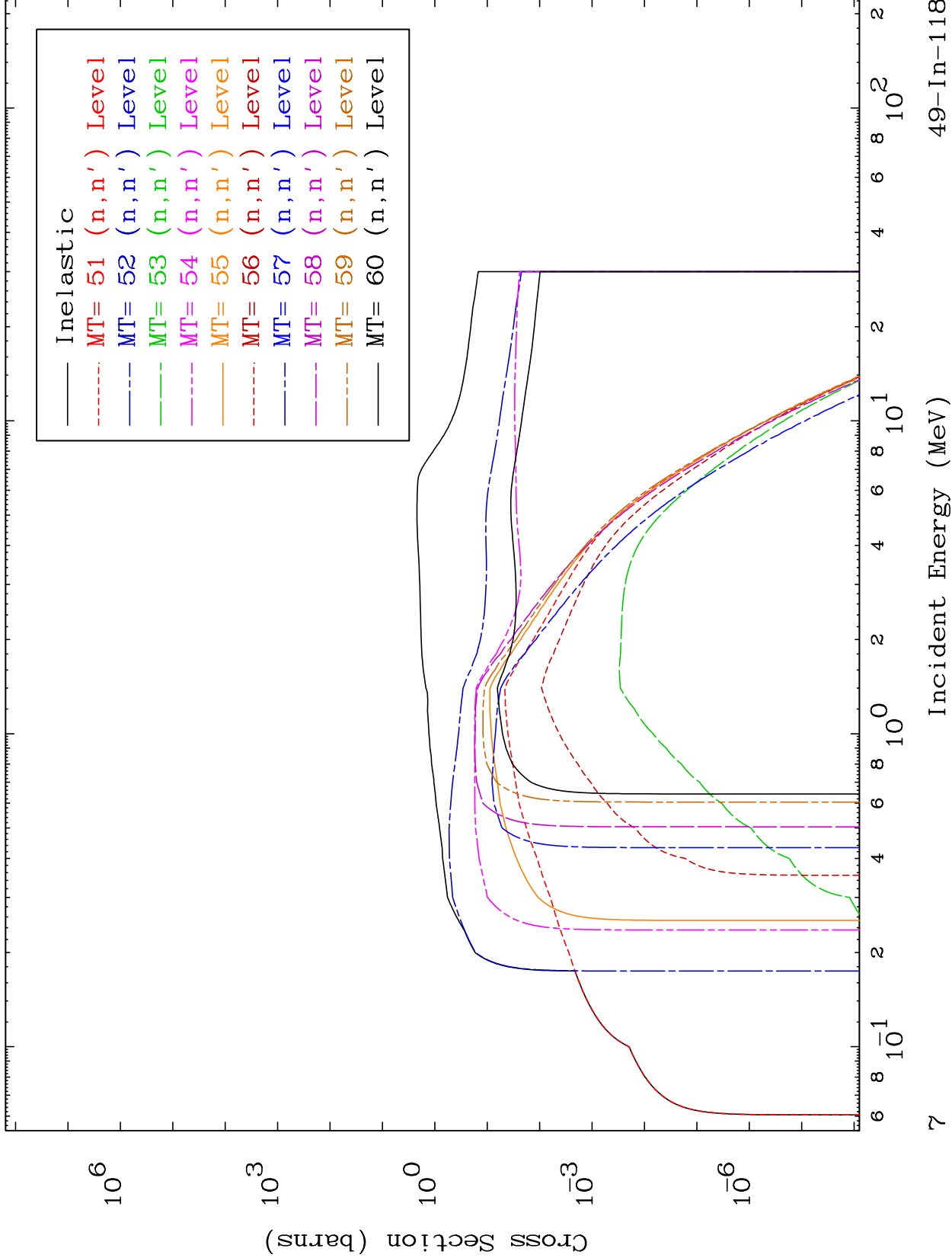


MAT 4940

(n,n') Level

49-In-118

293 Kelvin Cross Sections



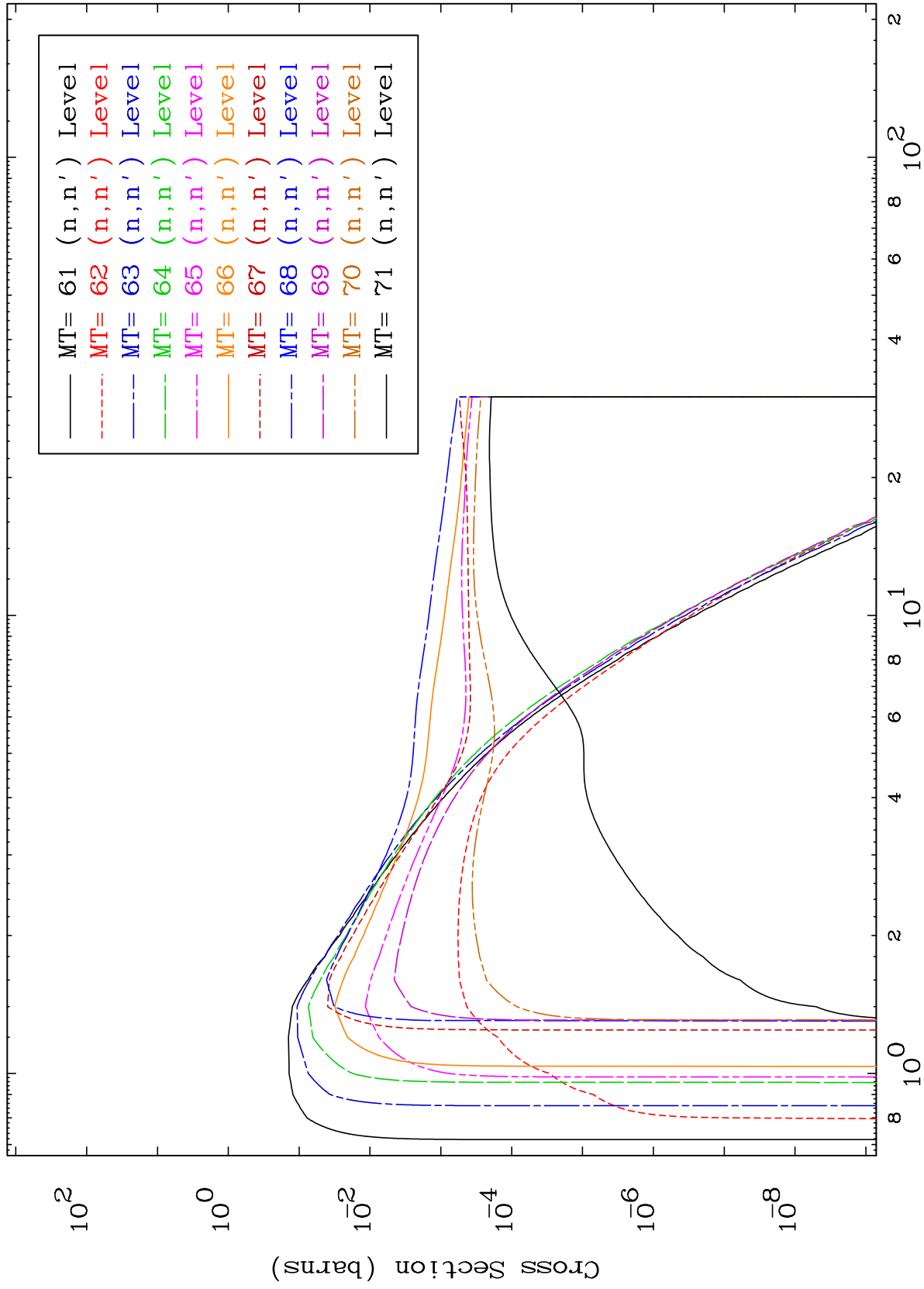


MAT 4940

(n,n') Level

293 Kelvin Cross Sections

49-In-118

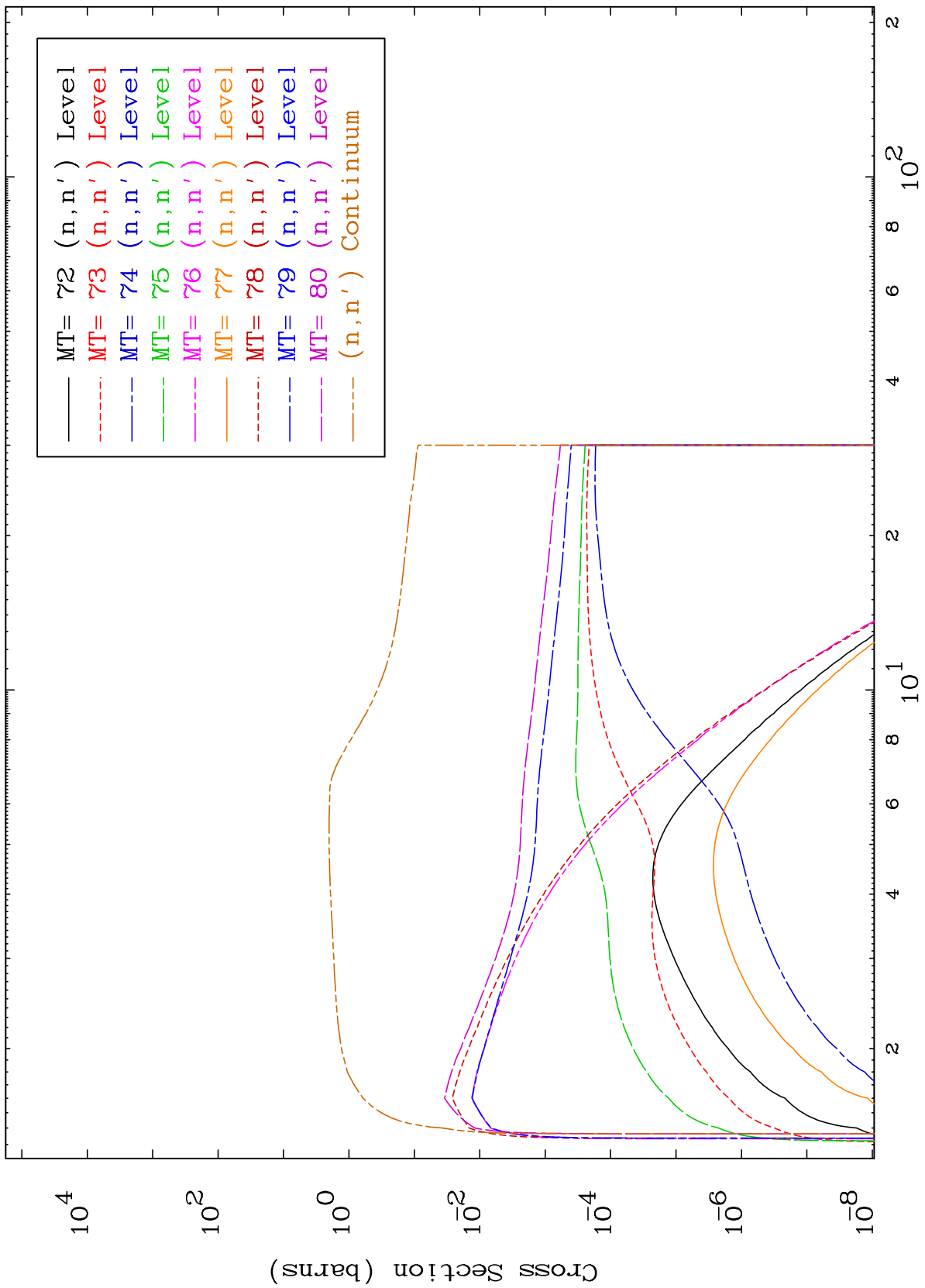


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Incident Energy (MeV)

49-In-118

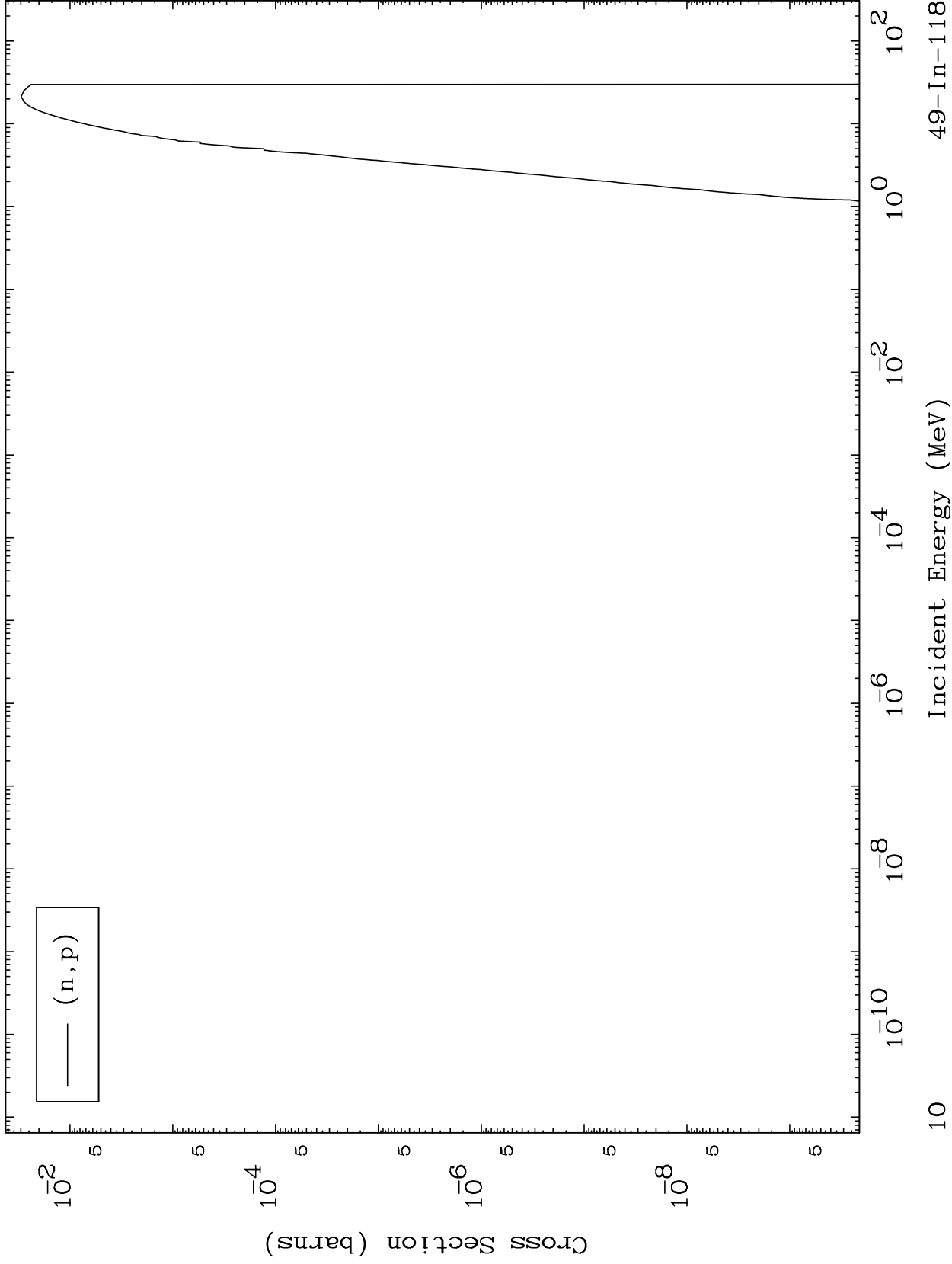
293 Kelvin Cross Sections



MAT 4940

(n,p) Levels  
293 Kelvin Cross Sections

49-In-118



10

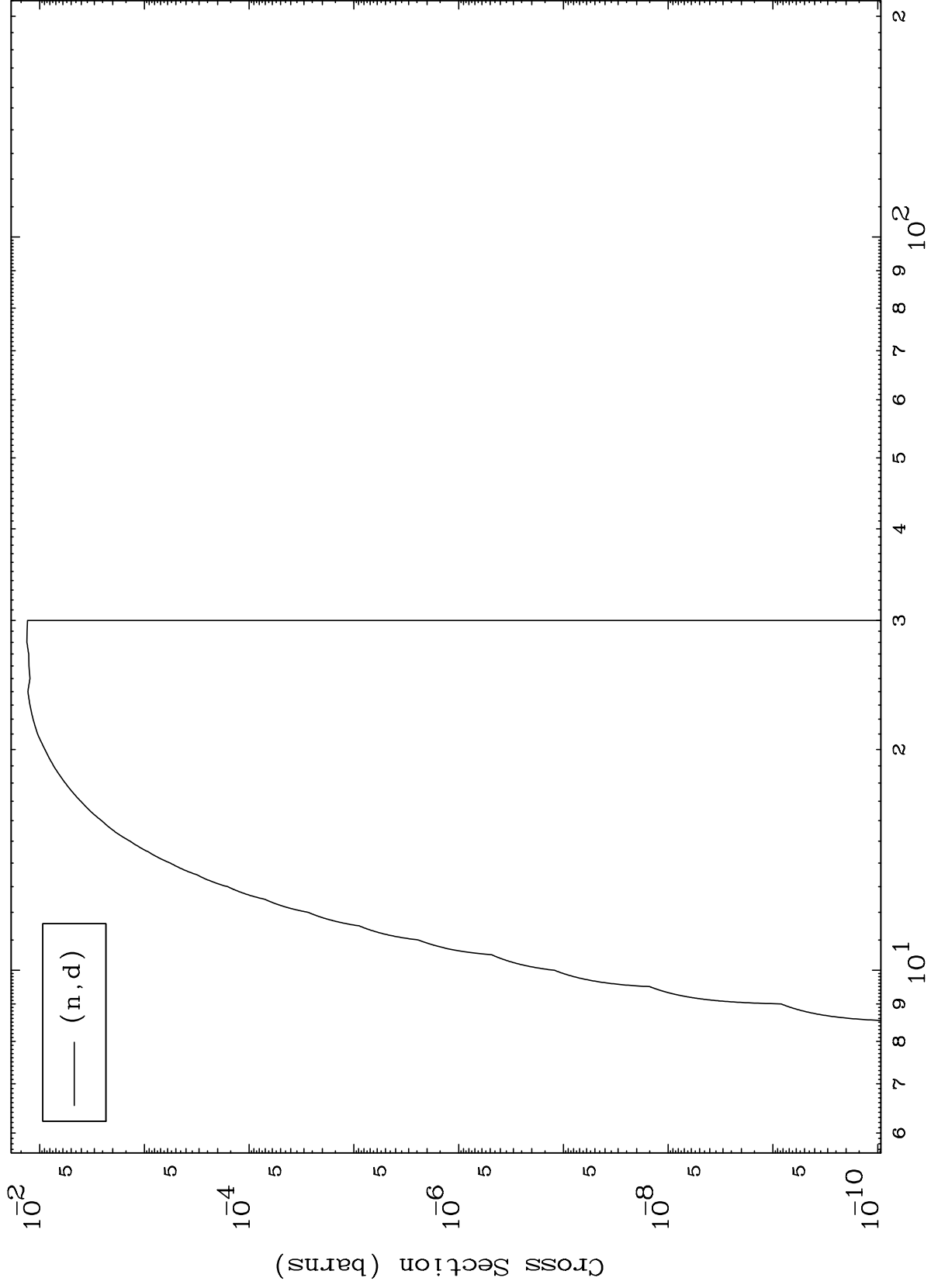
Incident Energy (MeV)

49-In-118

MAT 4940

(n,d) Levels  
293 Kelvin Cross Sections

49-In-118



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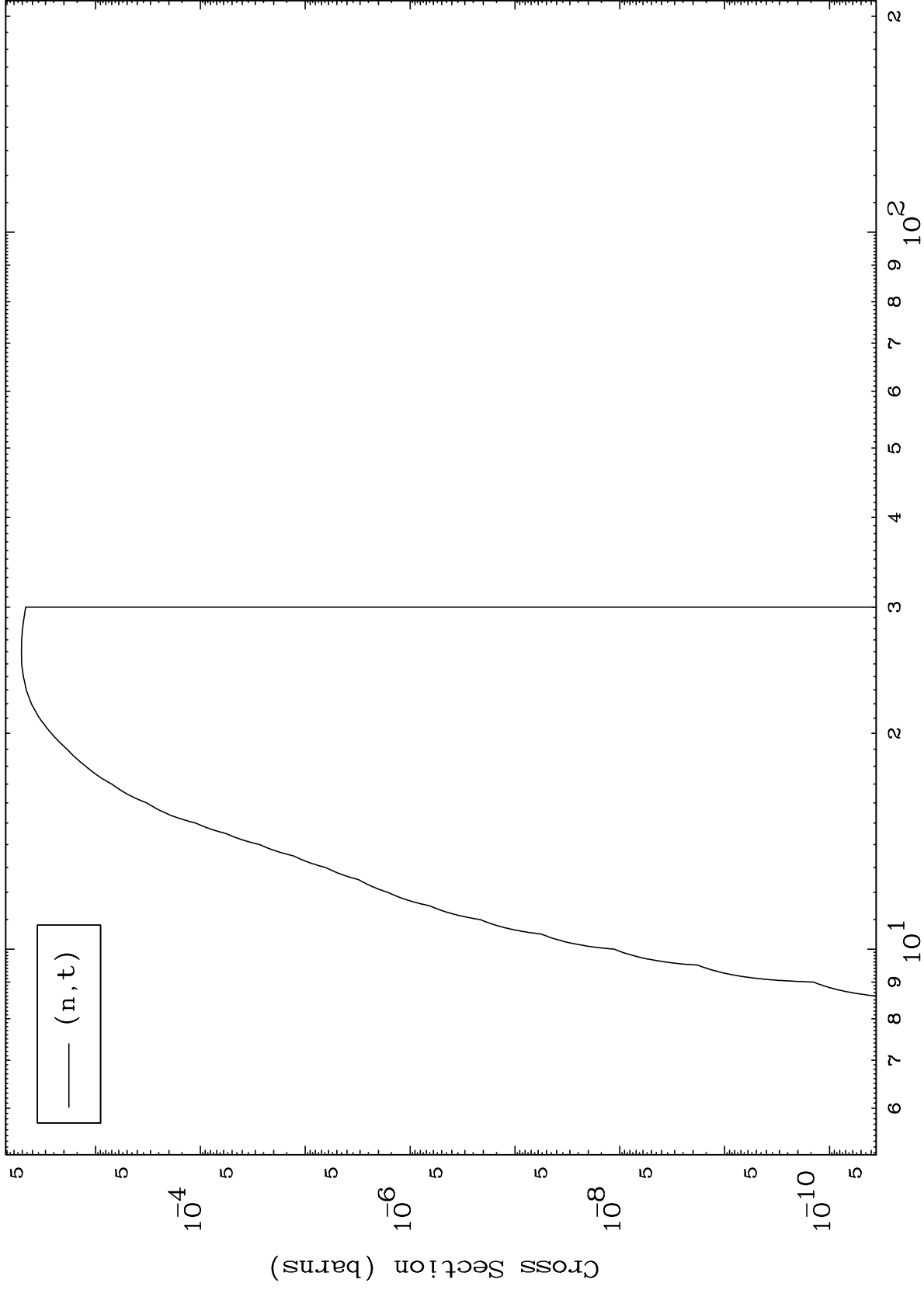
Incident Energy (MeV)

49-In-118

MAT 4940

(n,t) Levels  
293 Kelvin Cross Sections

49-In-118



12

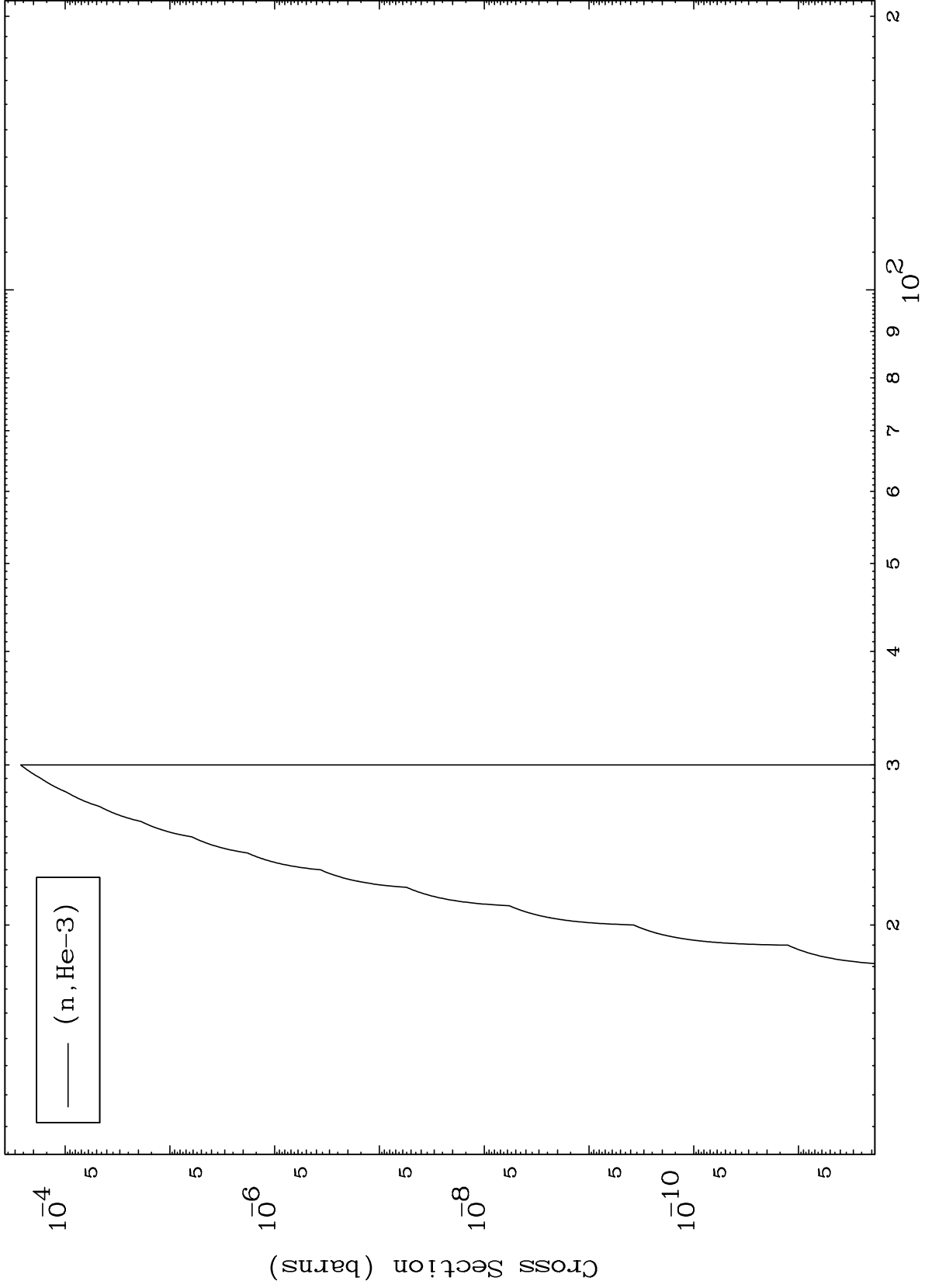
Incident Energy (MeV)

49-In-118

MAT 4940

(n,He3) Levels  
293 Kelvin Cross Sections

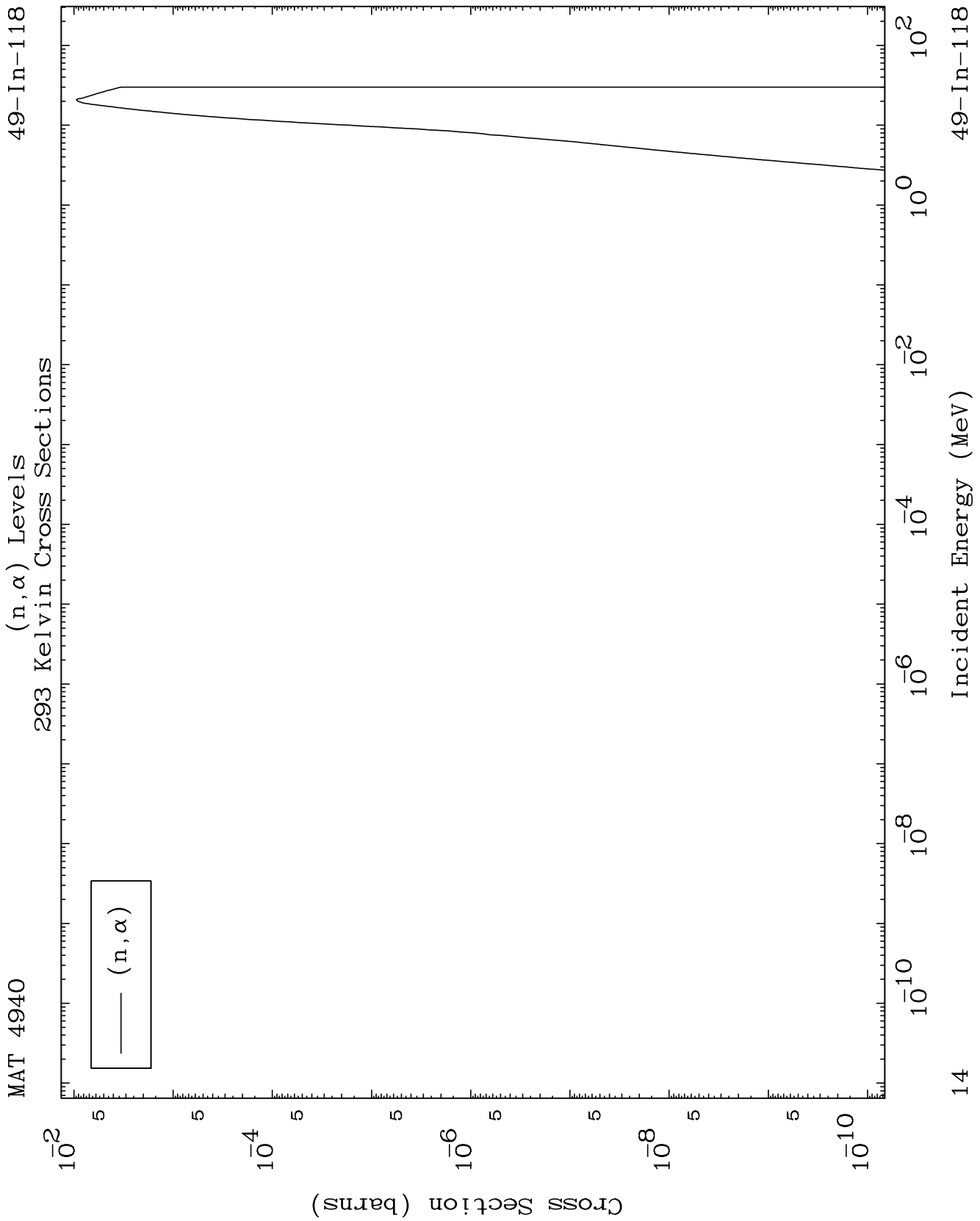
49-In-118



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Incident Energy (MeV)

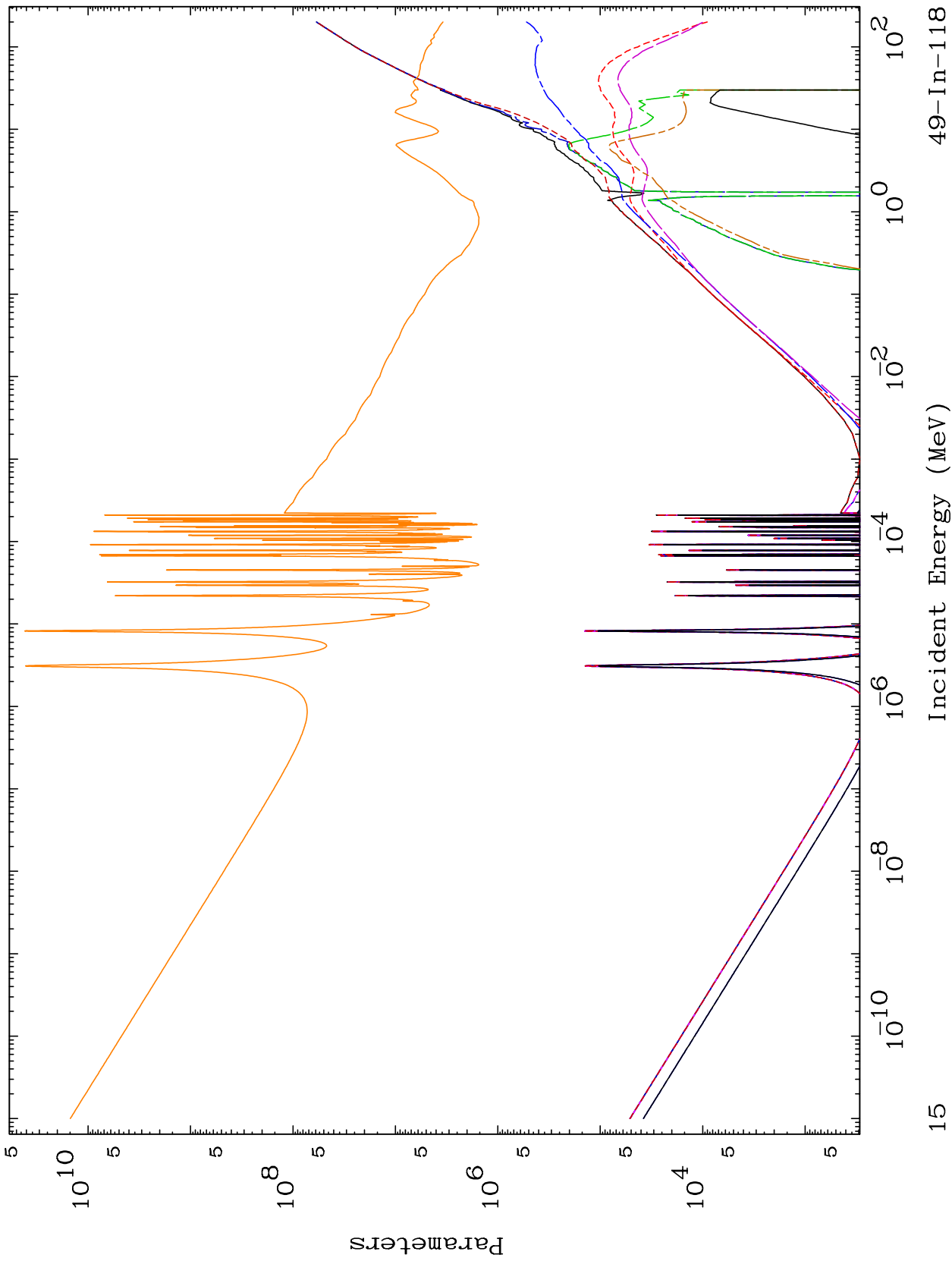
49-In-118



MAT 4940

Energy Release  
Parameters

49-In-118

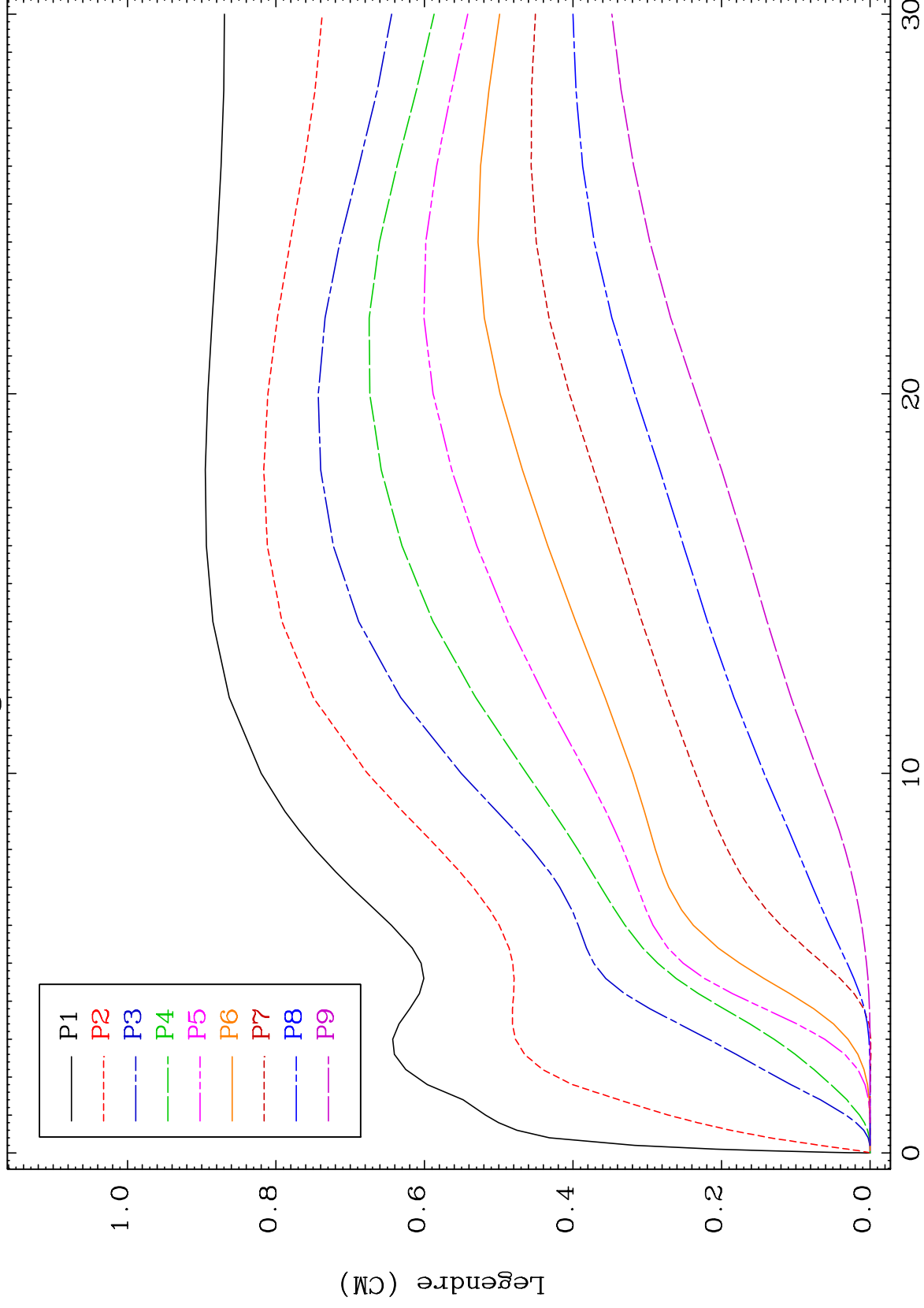




MAT 4940

Elastic Legendre Coefficients

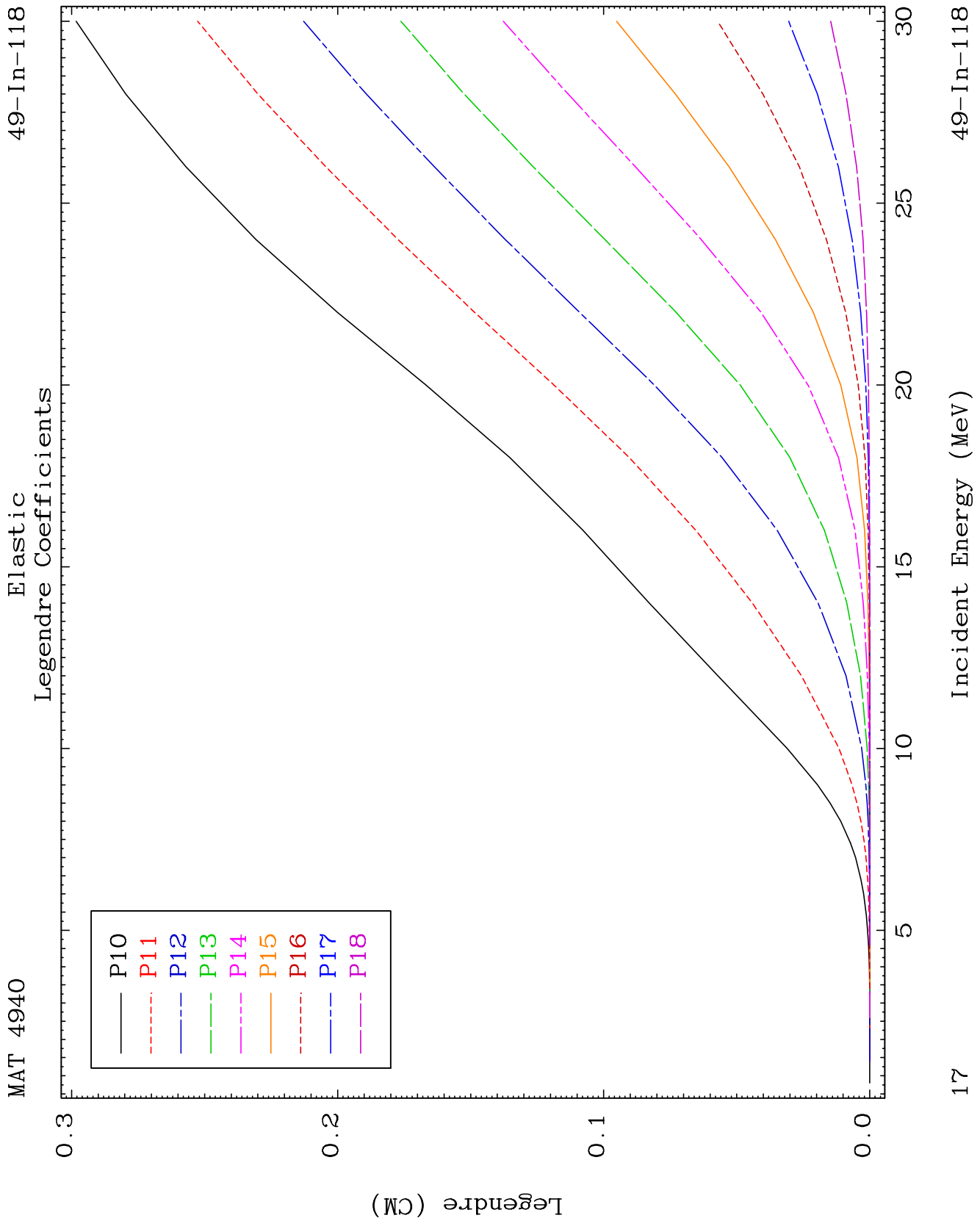
49-In-118



16

Incident Energy (MeV)

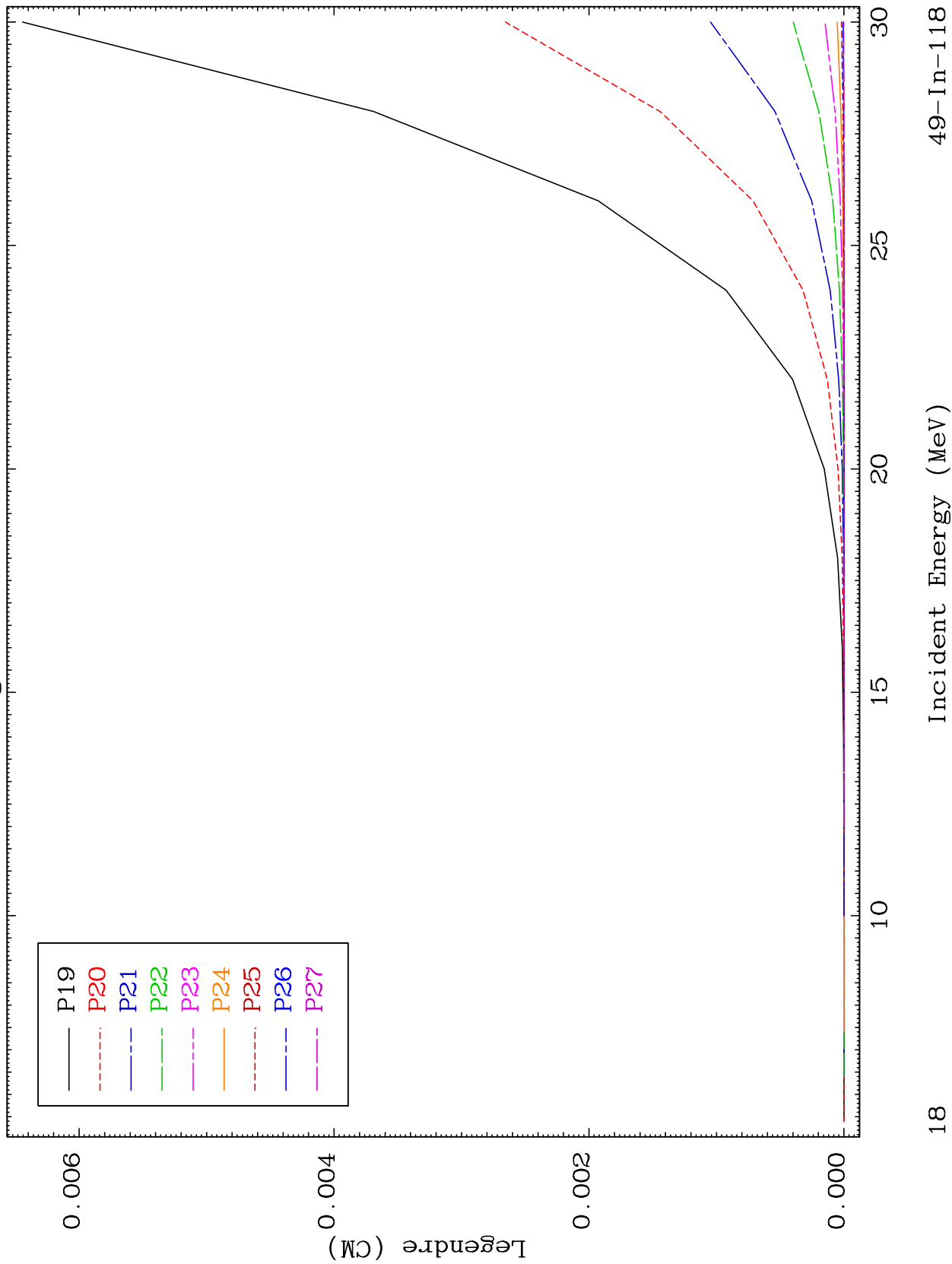
49-In-118



MAT 4940

Elastic Legendre Coefficients

49-In-118

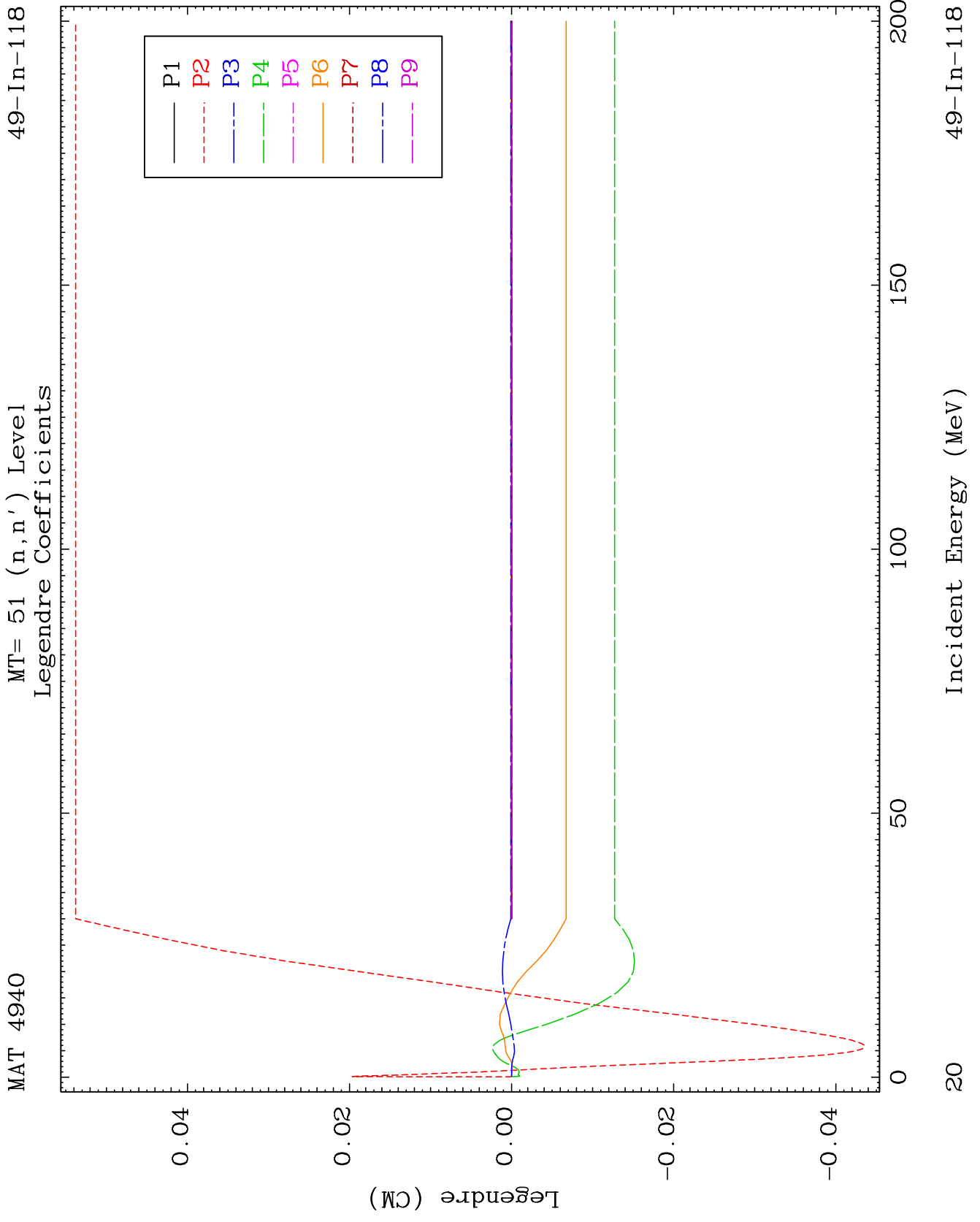


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Incident Energy (MeV)

49-In-118

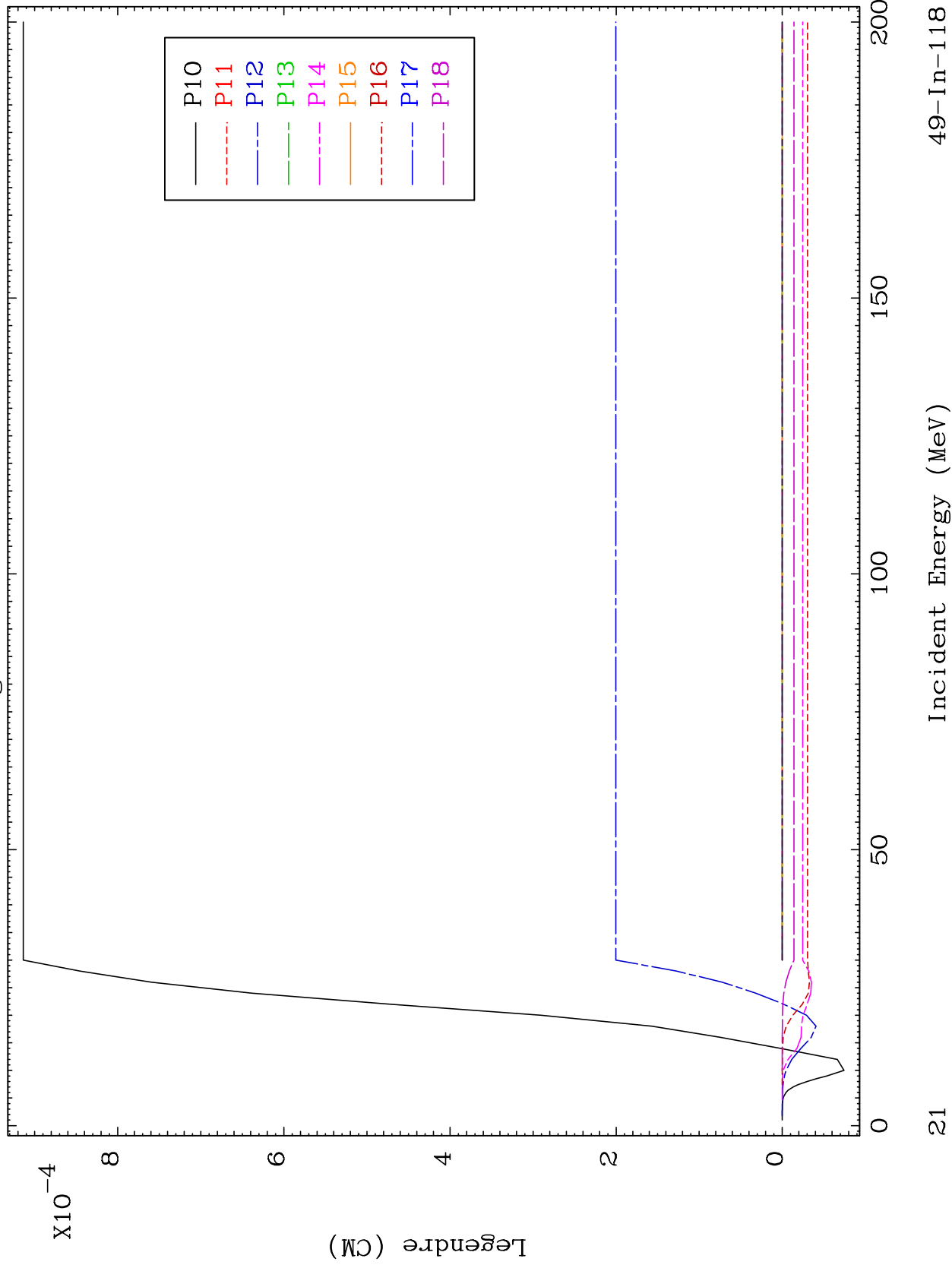




MAT 4940

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

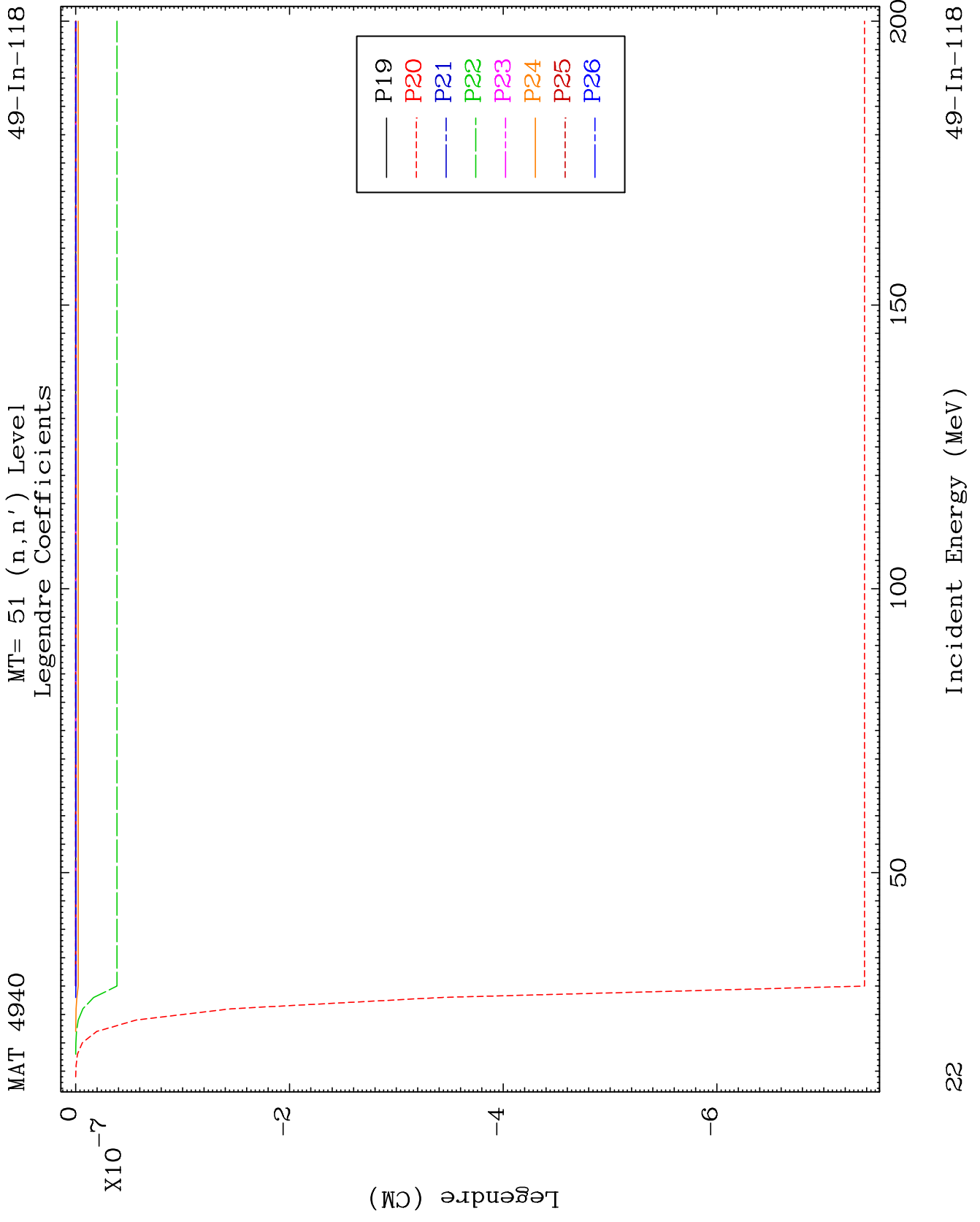
49-In-118



49-In-118

Incident Energy (MeV)

21

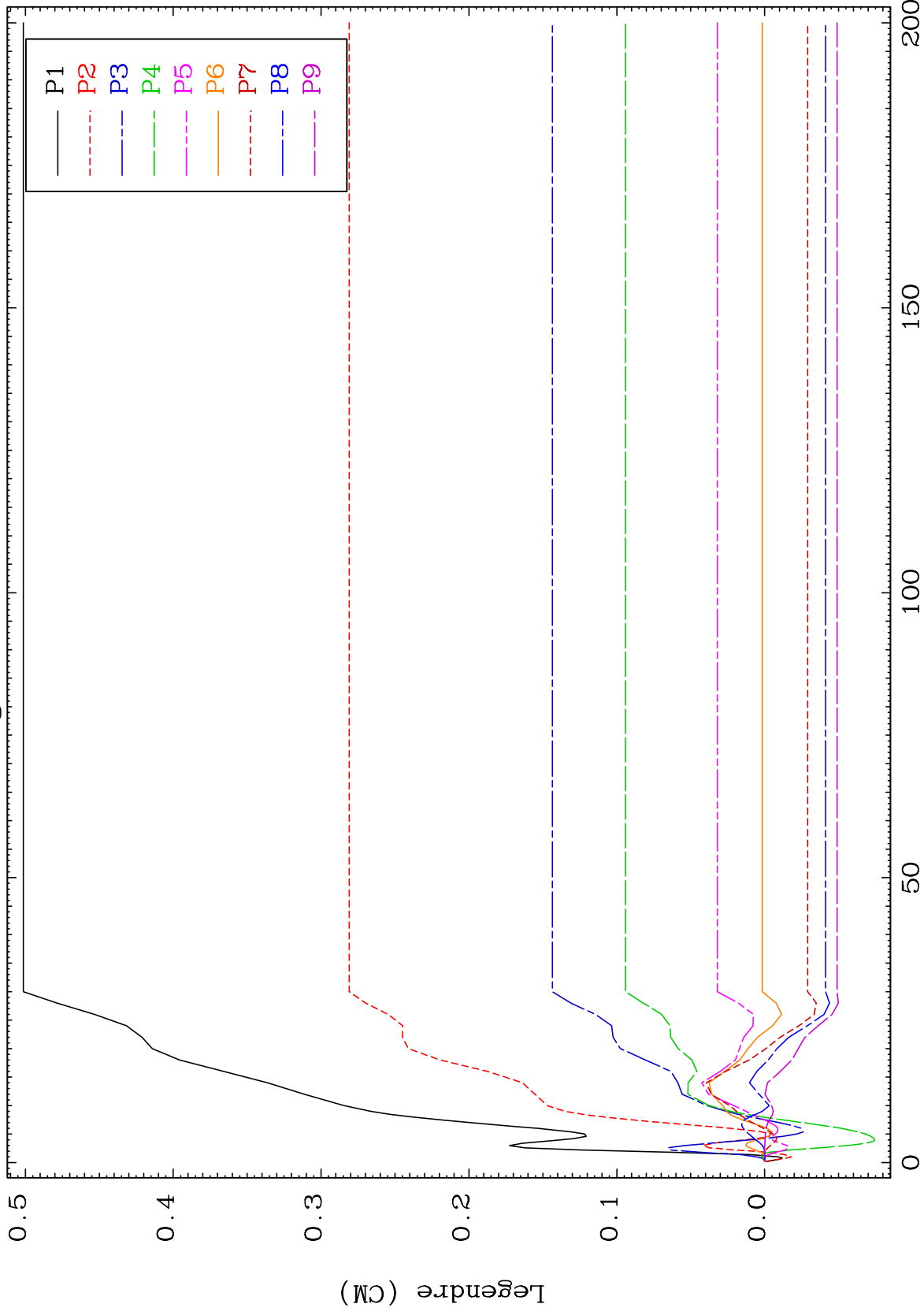


MAT 4940

MT= 52 (n,n') Level

49-In-118

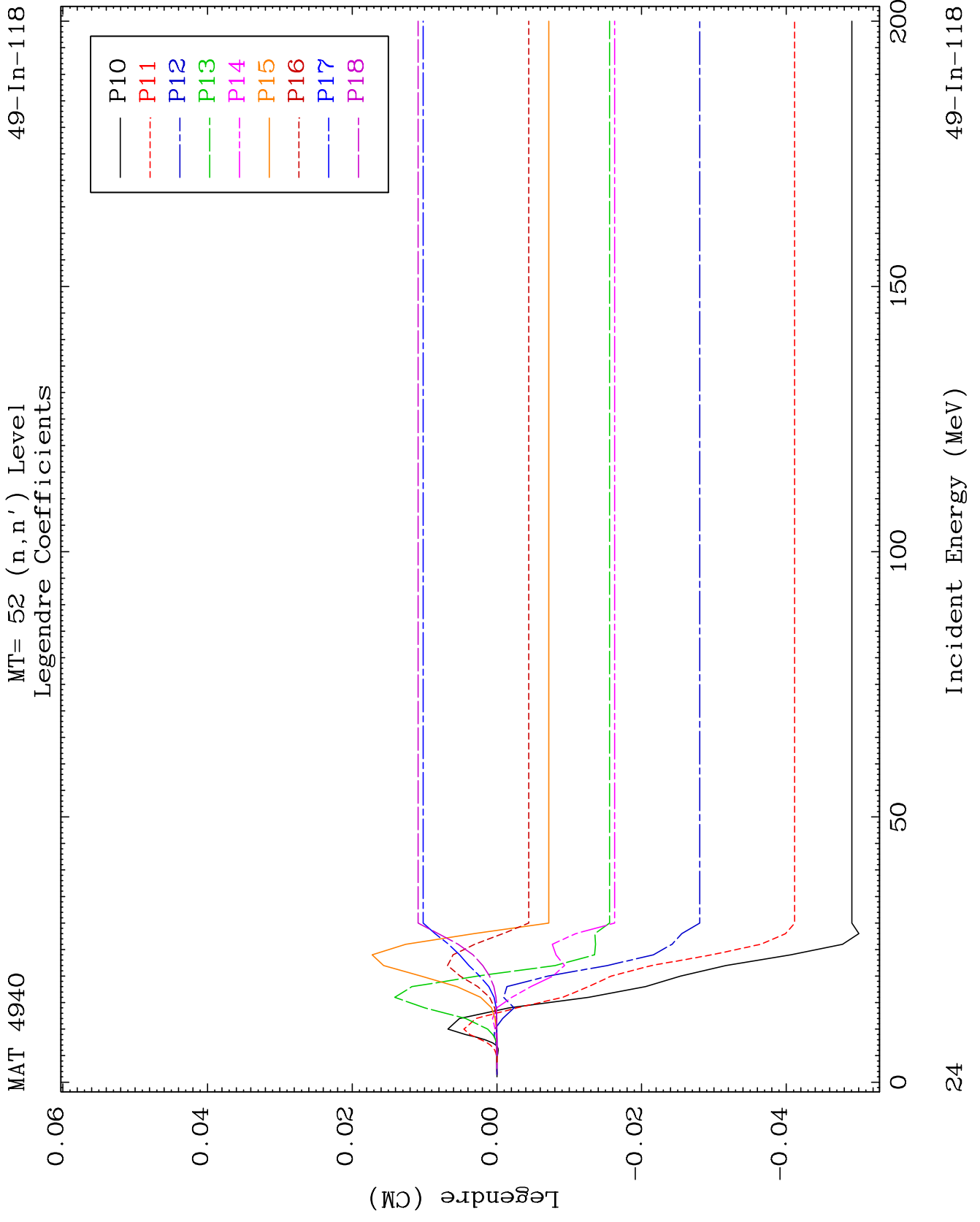
Legendre Coefficients



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49-In-118

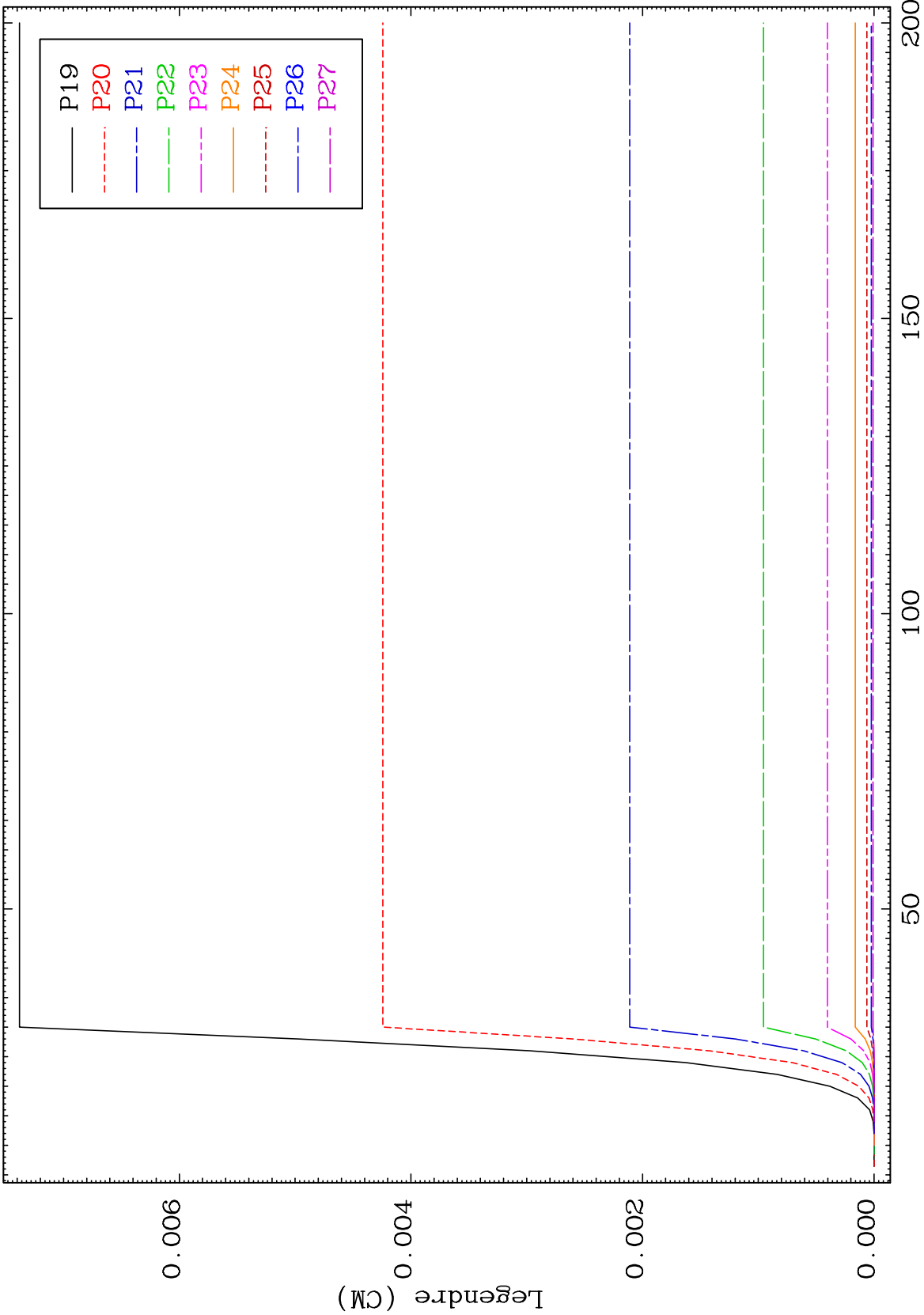




MAT 4940

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

49-In-118



25

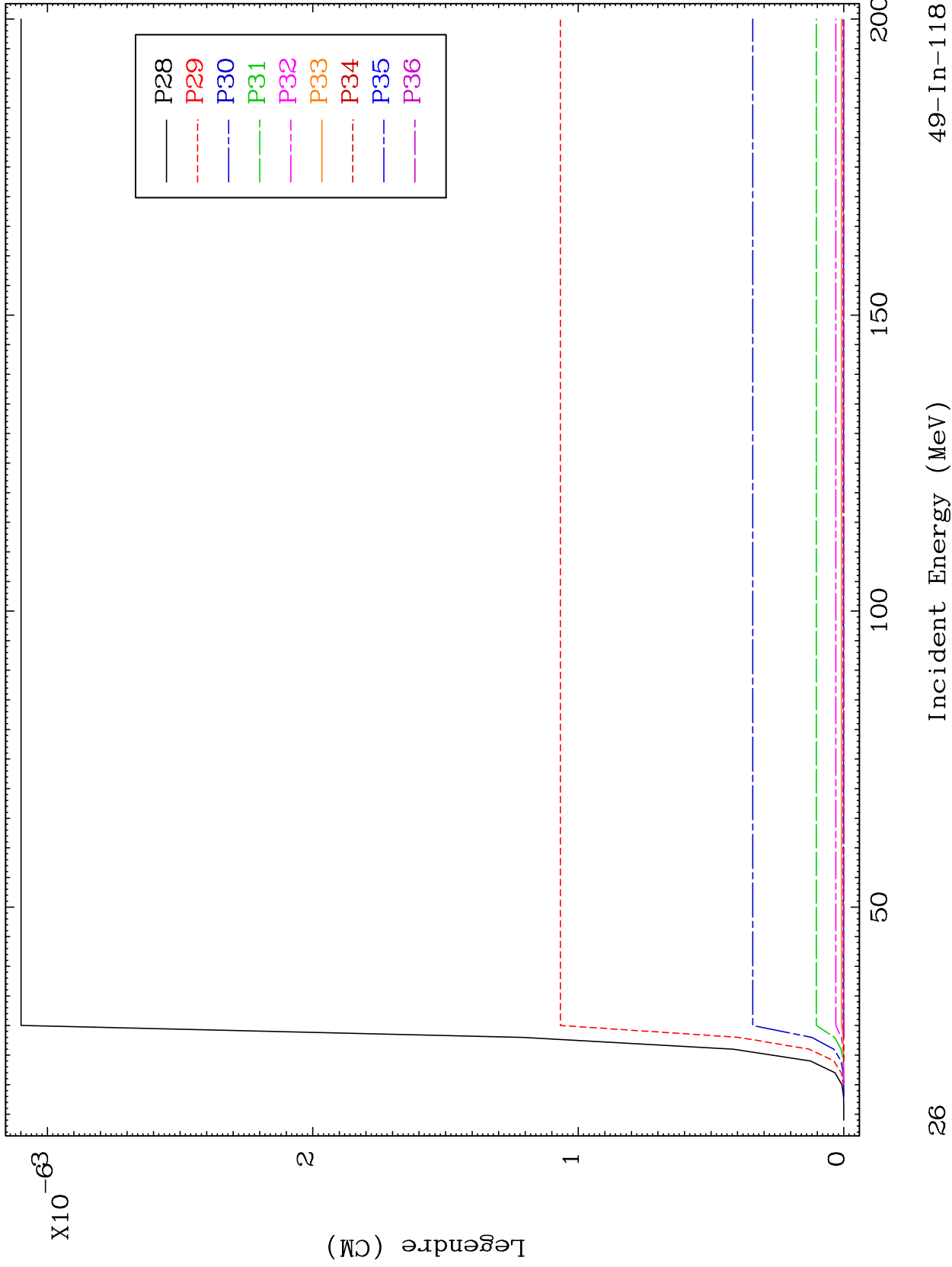
Incident Energy (MeV)

49-In-118

MAT 4940

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

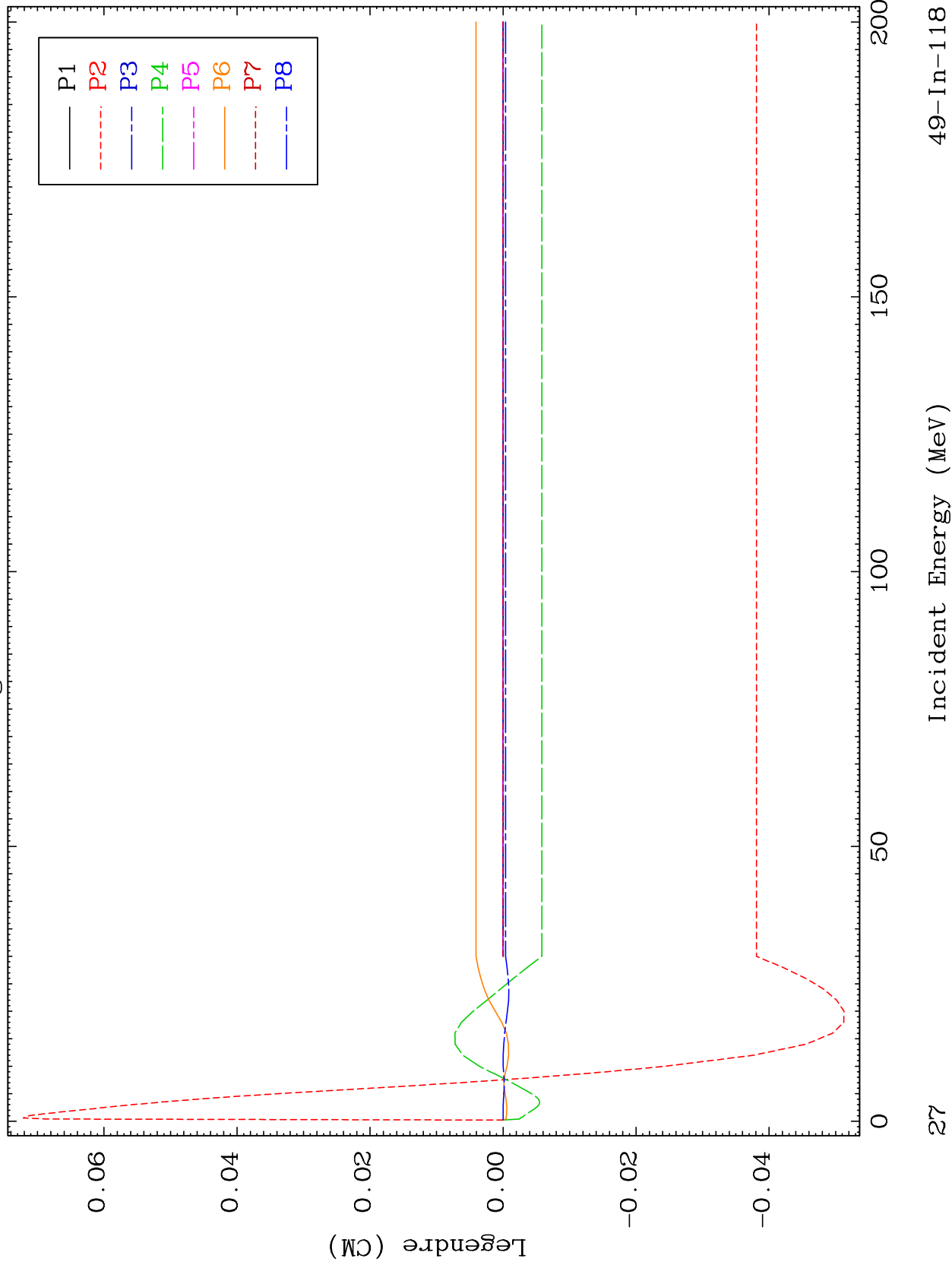
49-In-118



MAT 4940

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

49-In-118



27

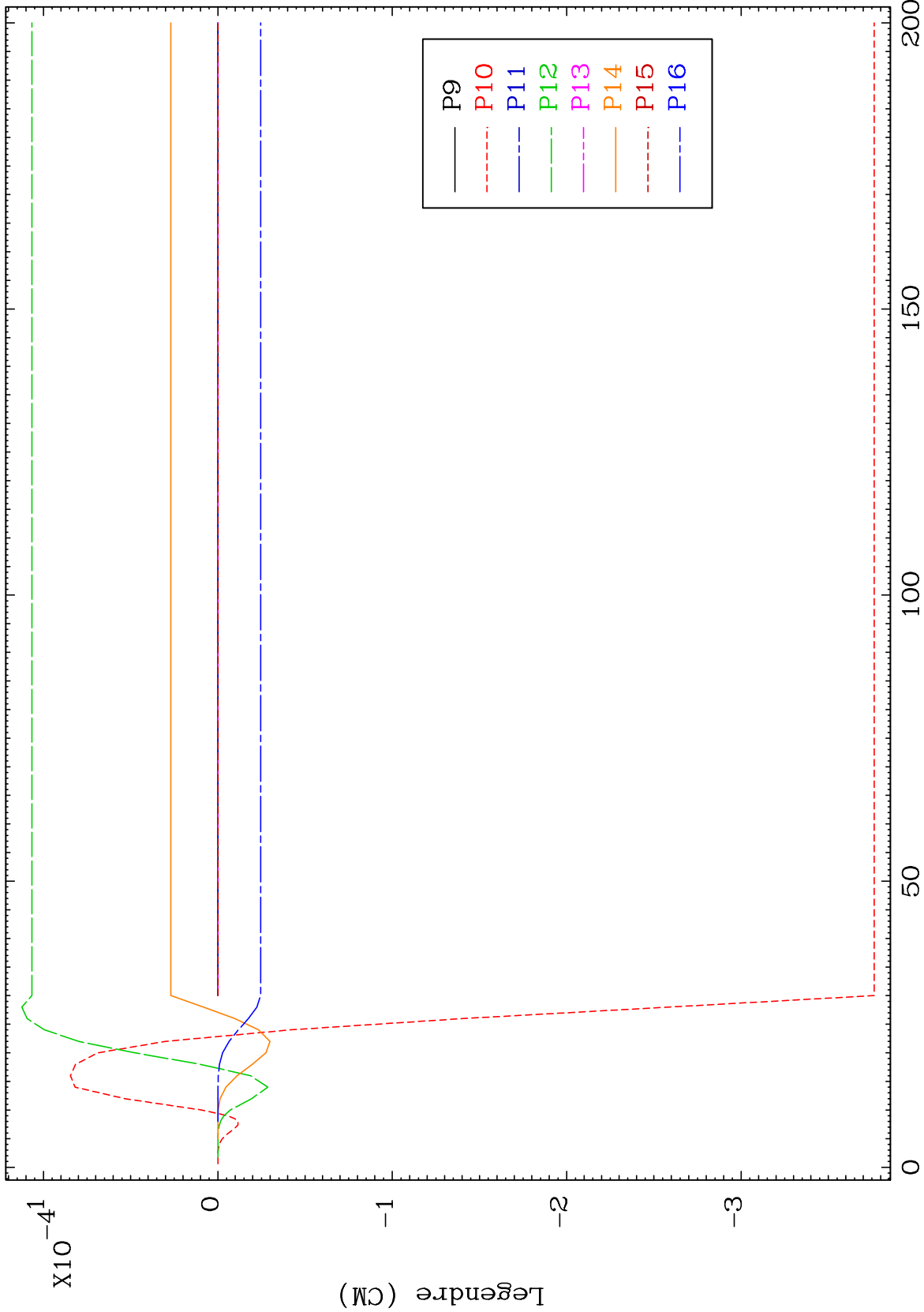
Incident Energy (MeV)

49-In-118

MAT 4940

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

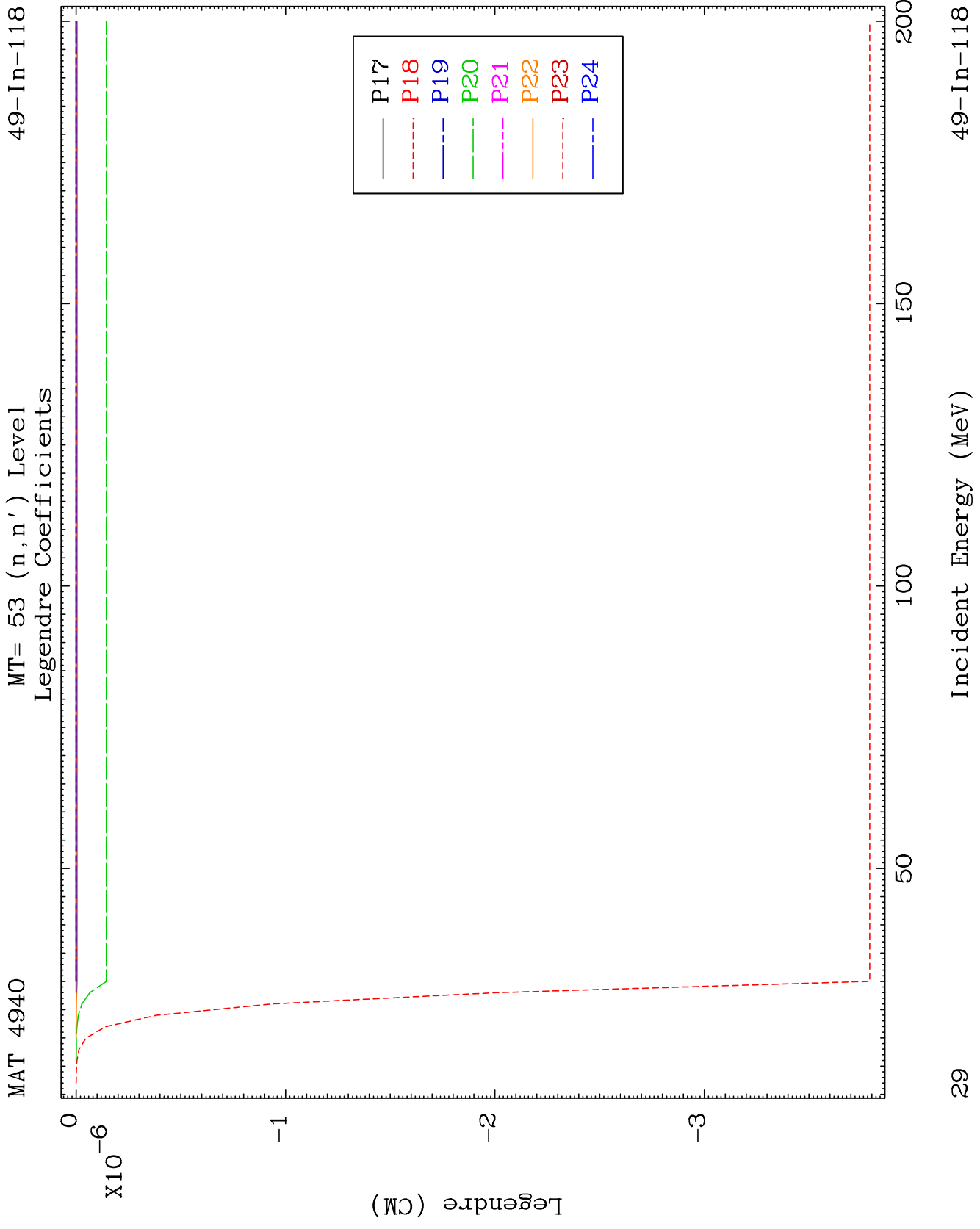
49-In-118



28

Incident Energy (MeV)

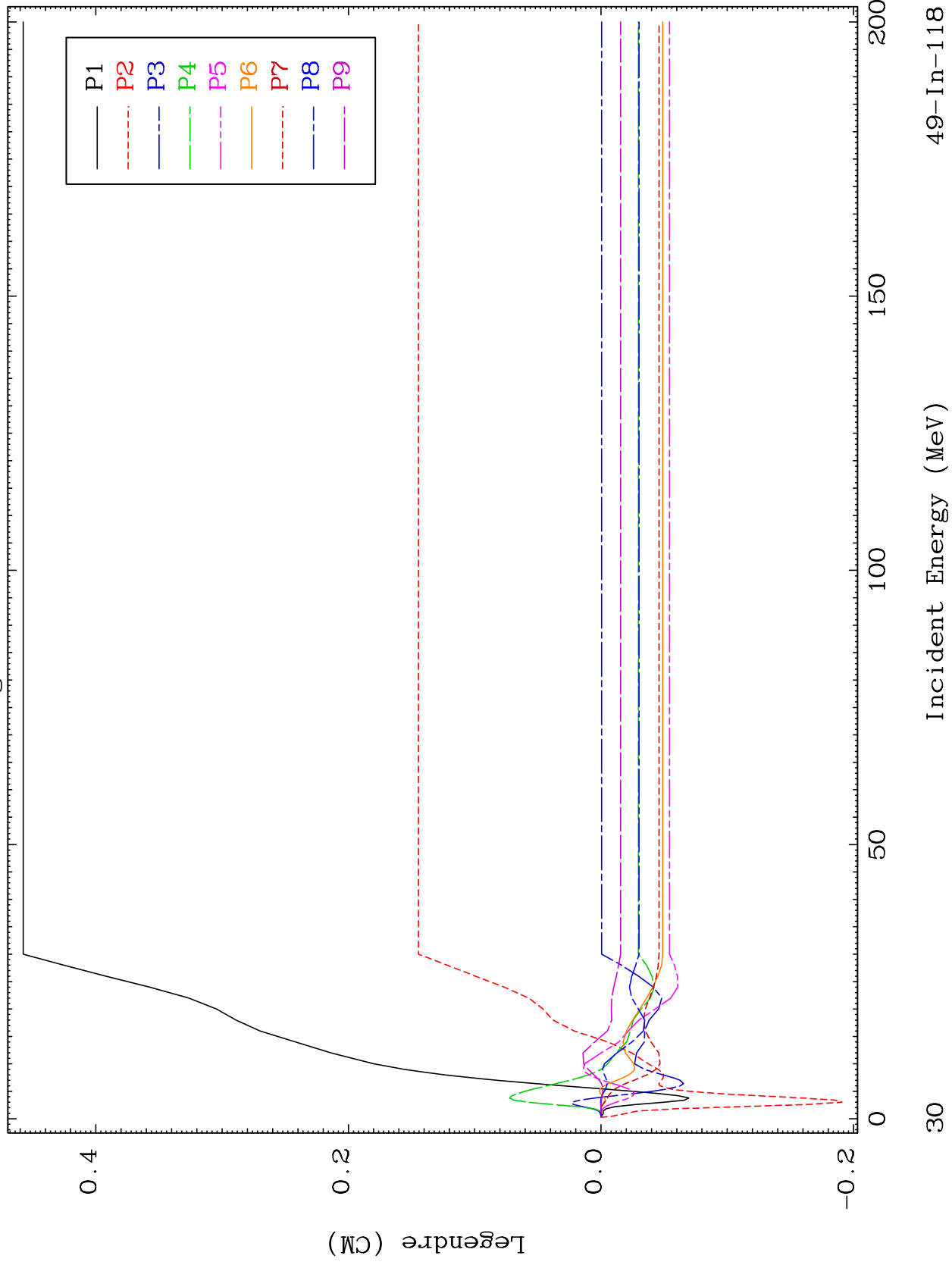
49-In-118



MAT 4940

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

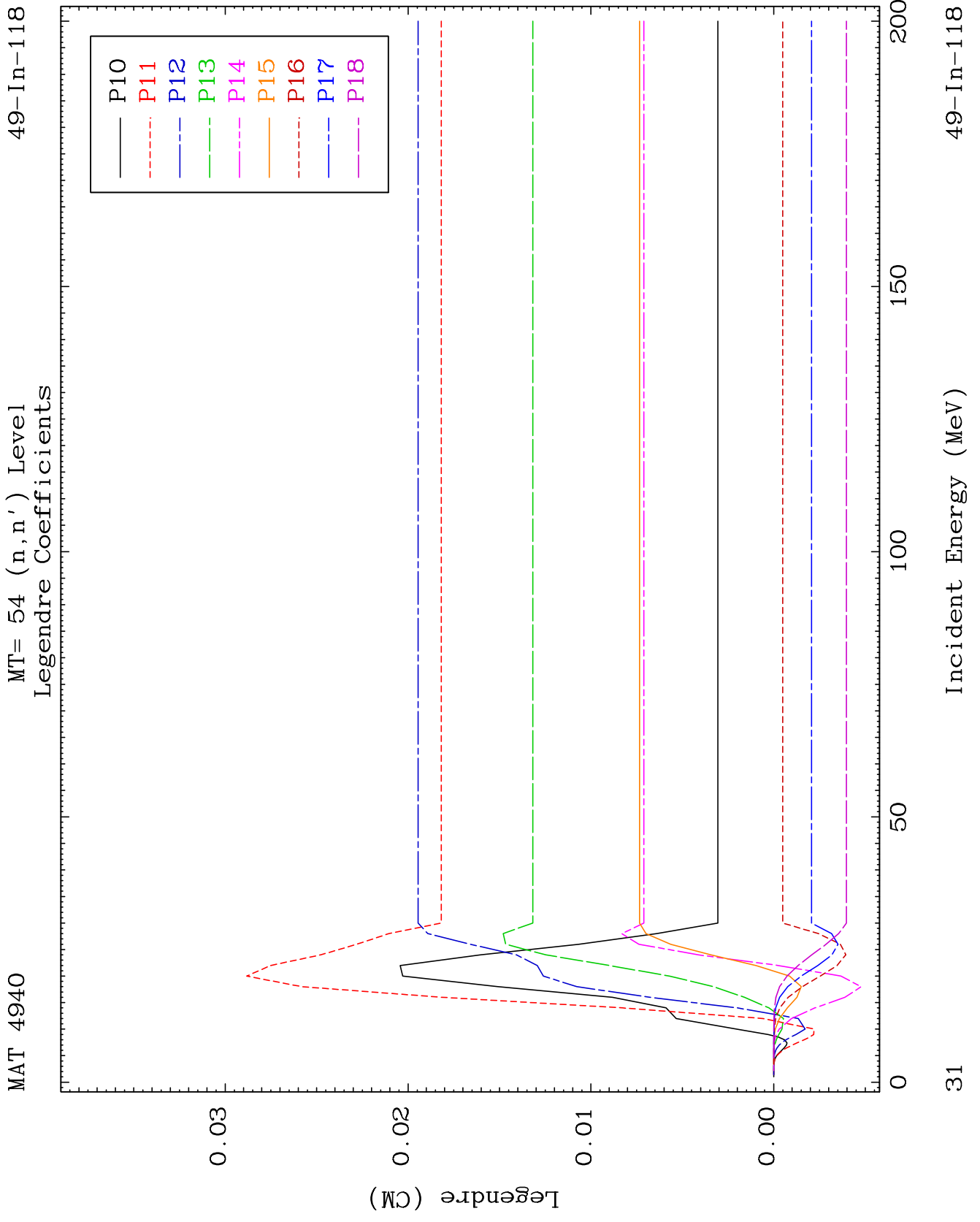
49-In-118



49-In-118

Incident Energy (MeV)

30

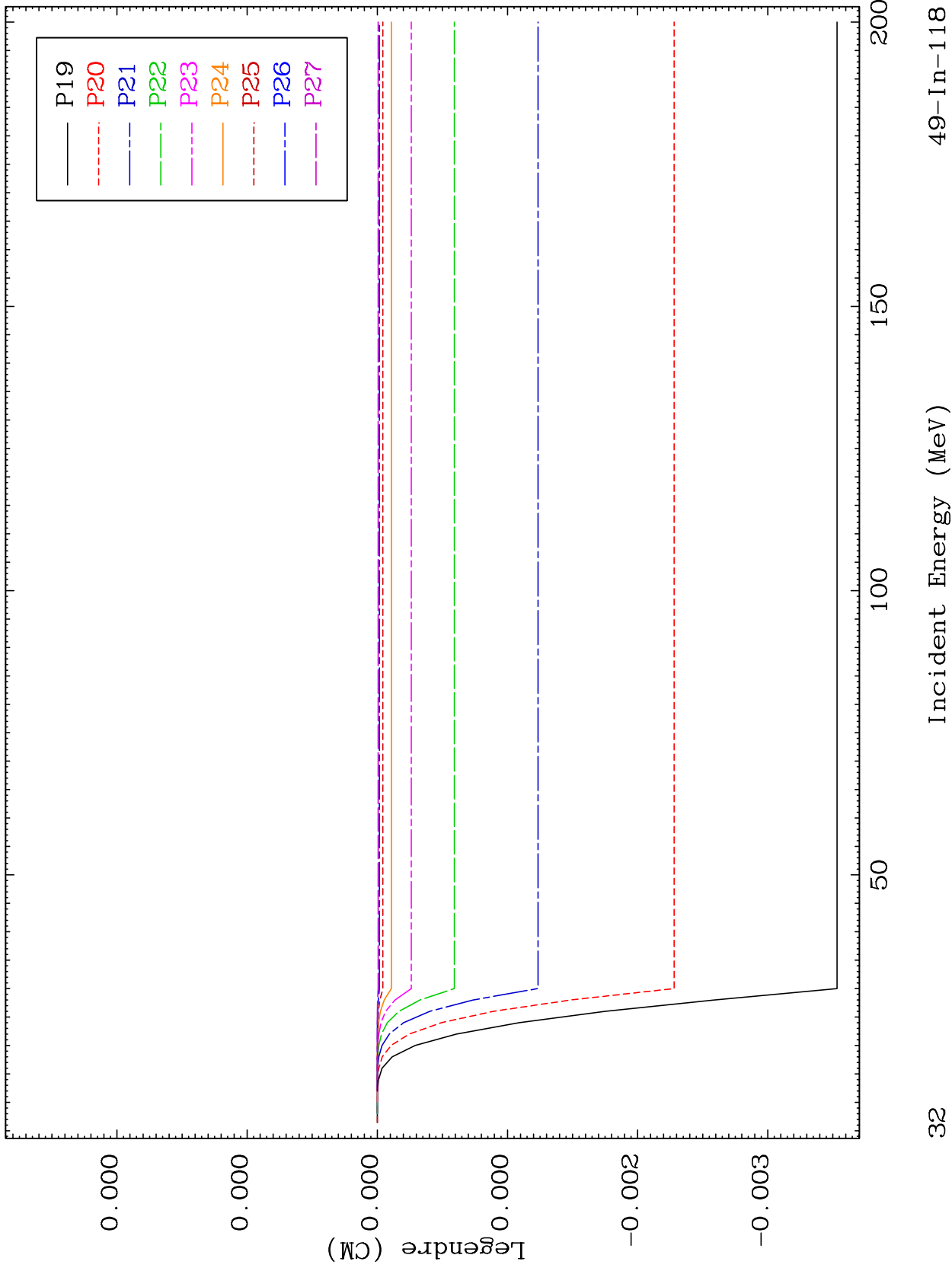




MAT 4940

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

49-In-118



32

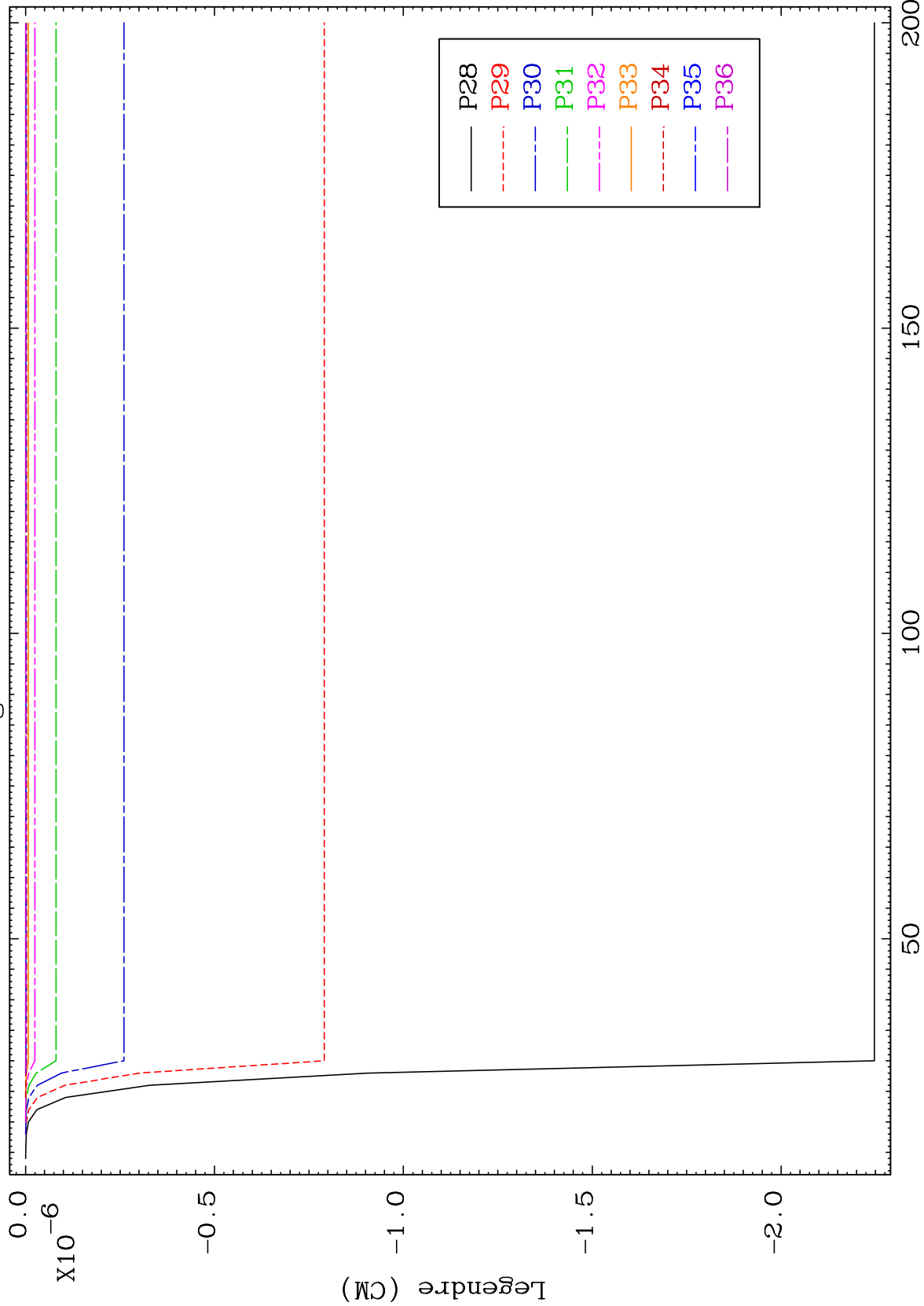
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



33

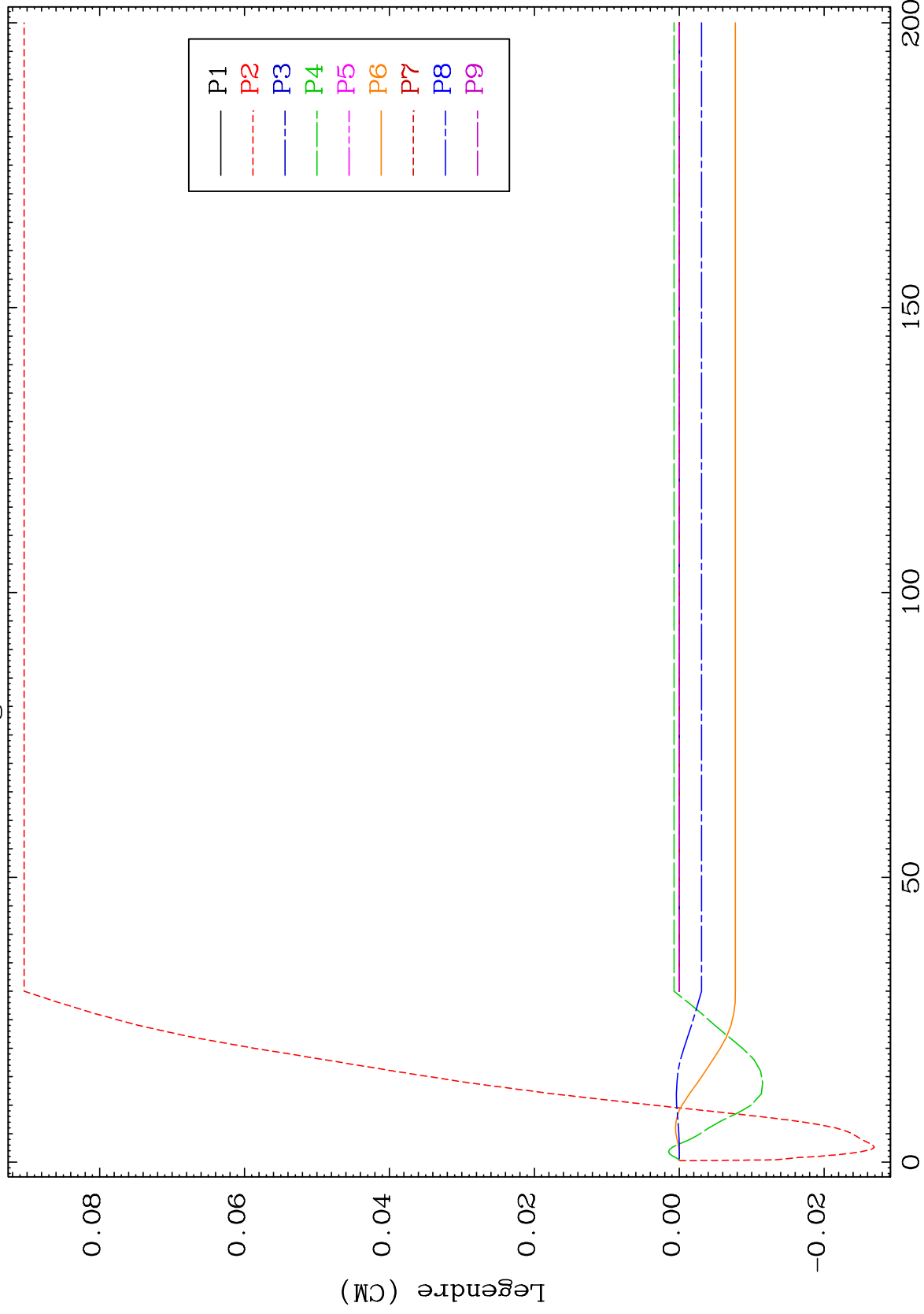
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



34

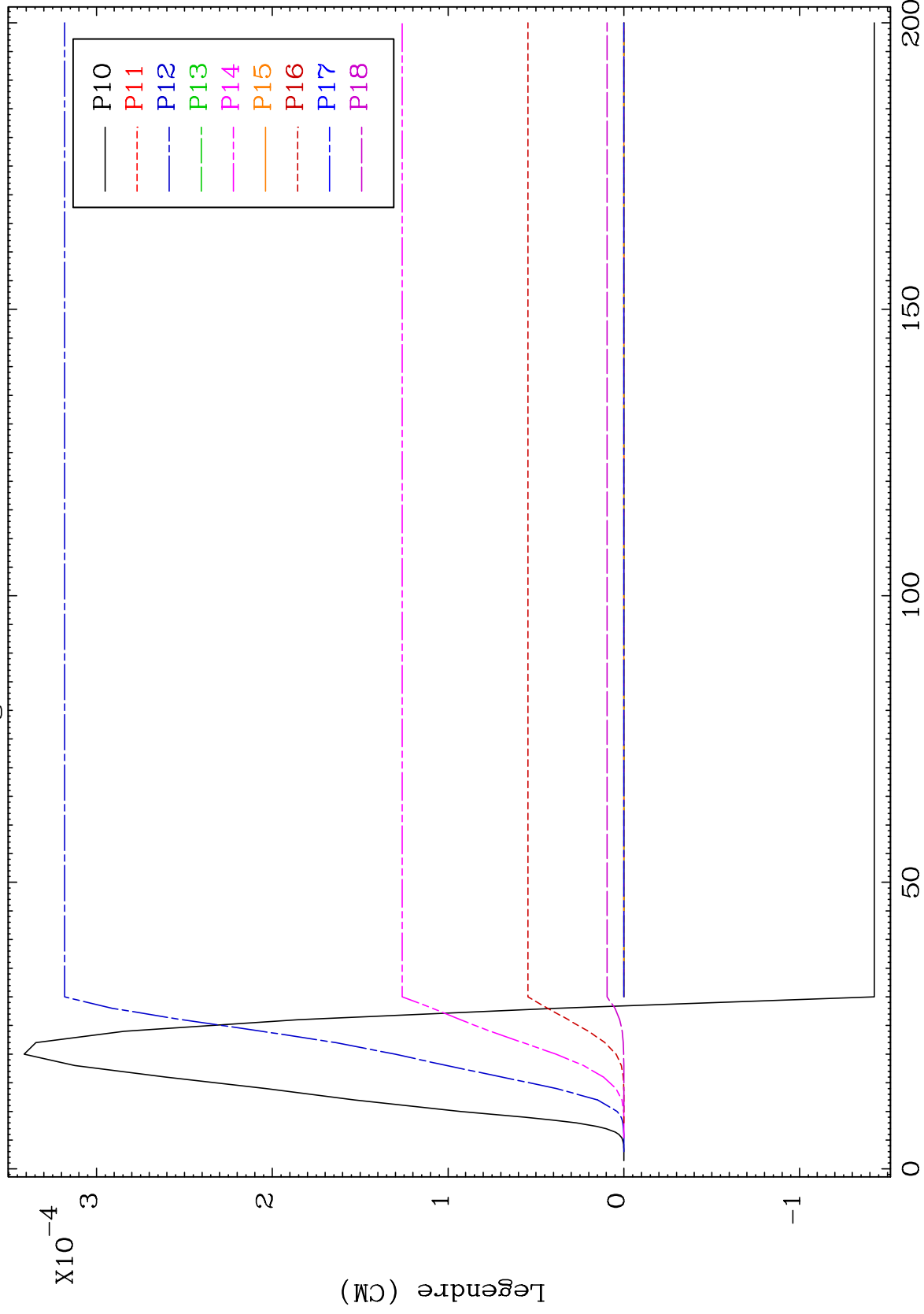
Incident Energy (MeV)

49-In-118

MAT 4940

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

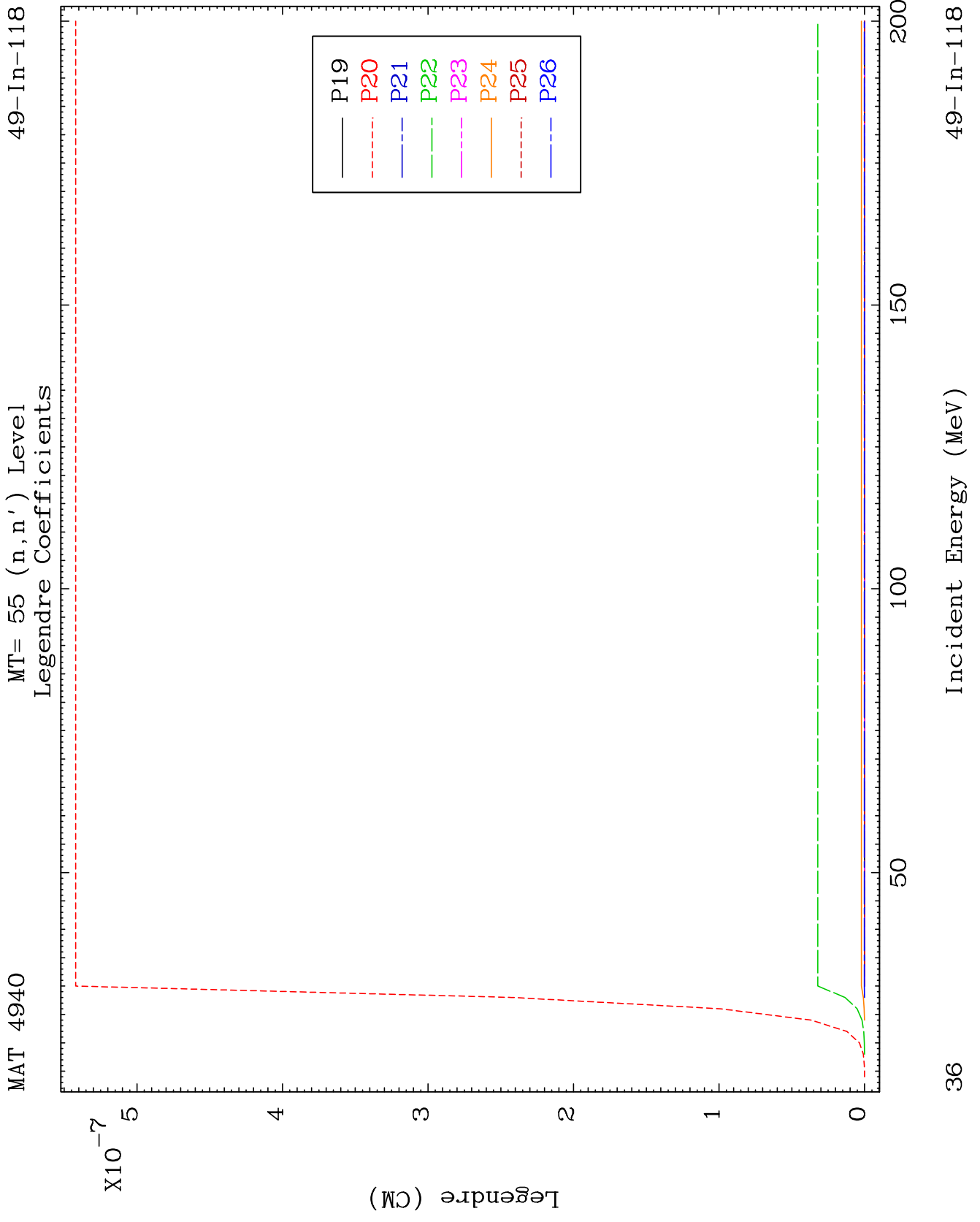
49-In-118



35

Incident Energy (MeV)

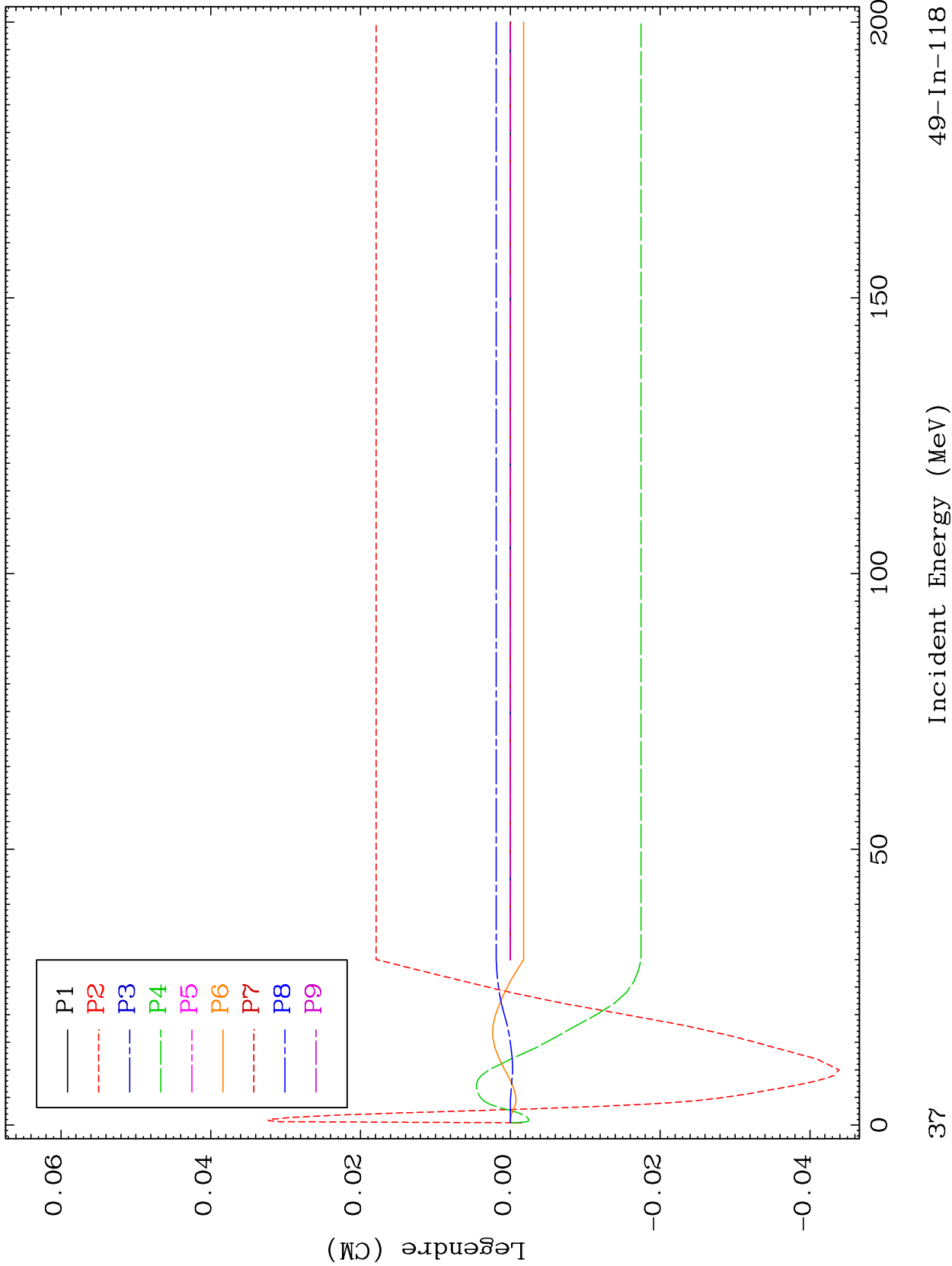
49-In-118



MAT 4940

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

49-In-118



37

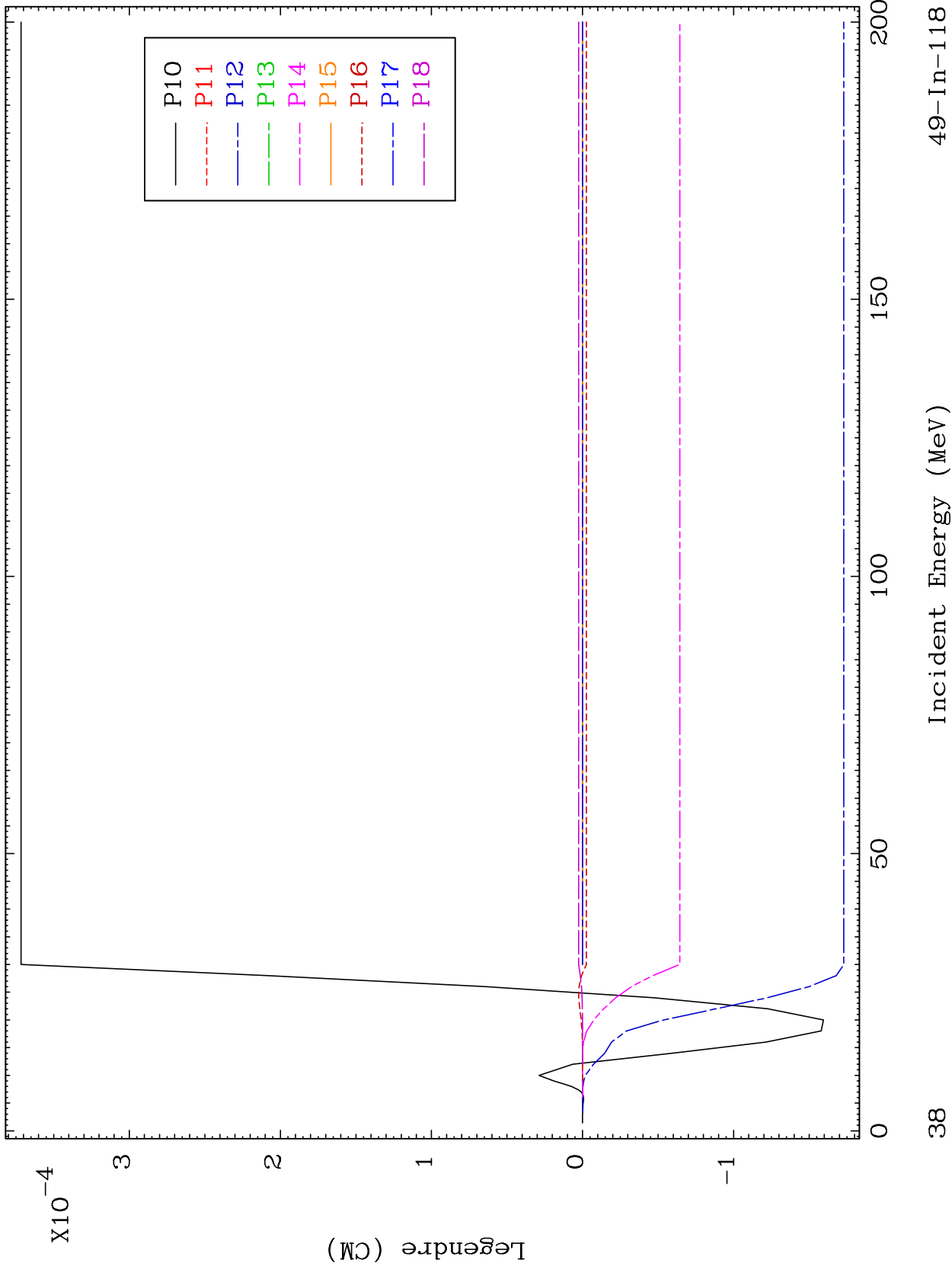
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



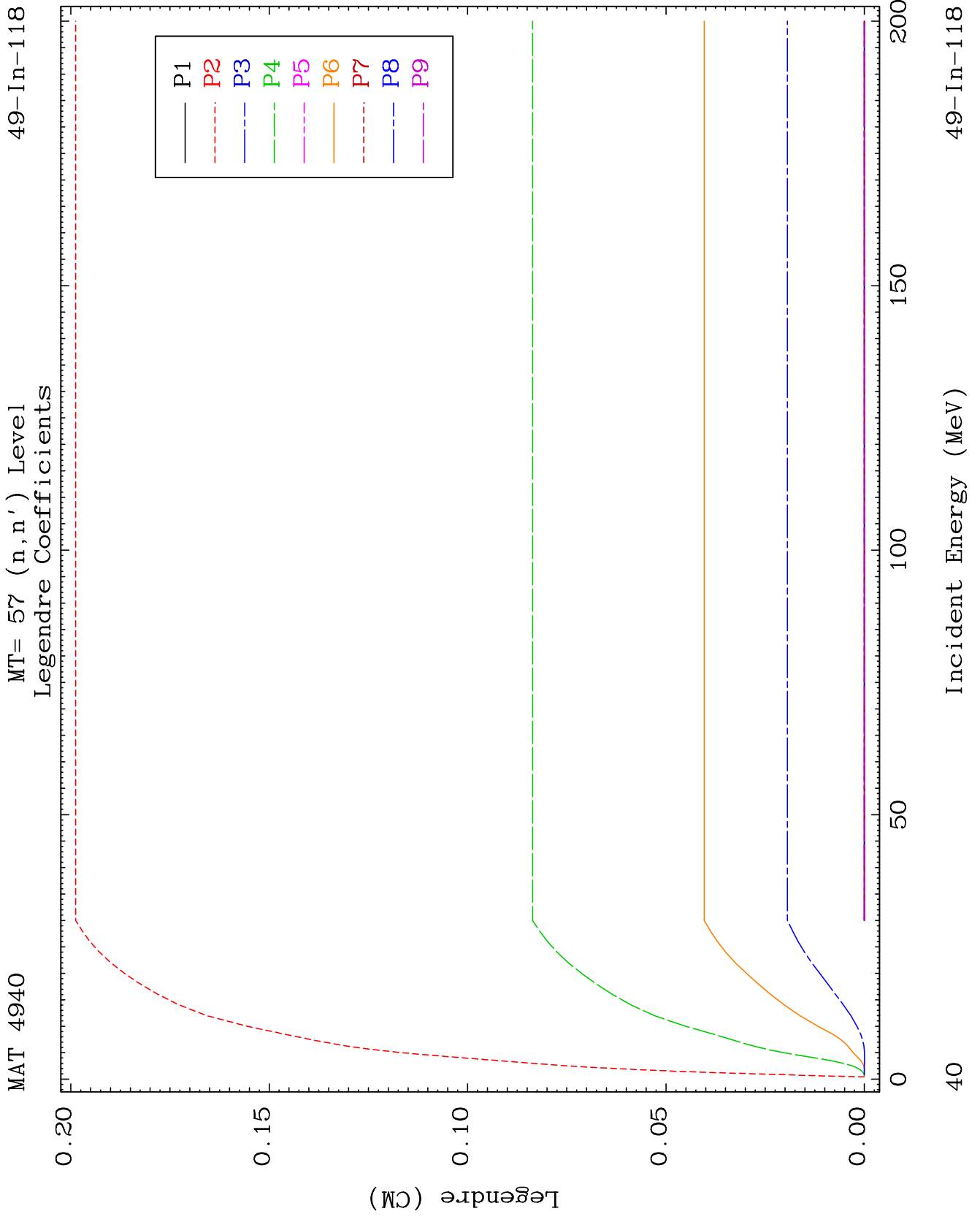
38

Incident Energy (MeV)

49-In-118



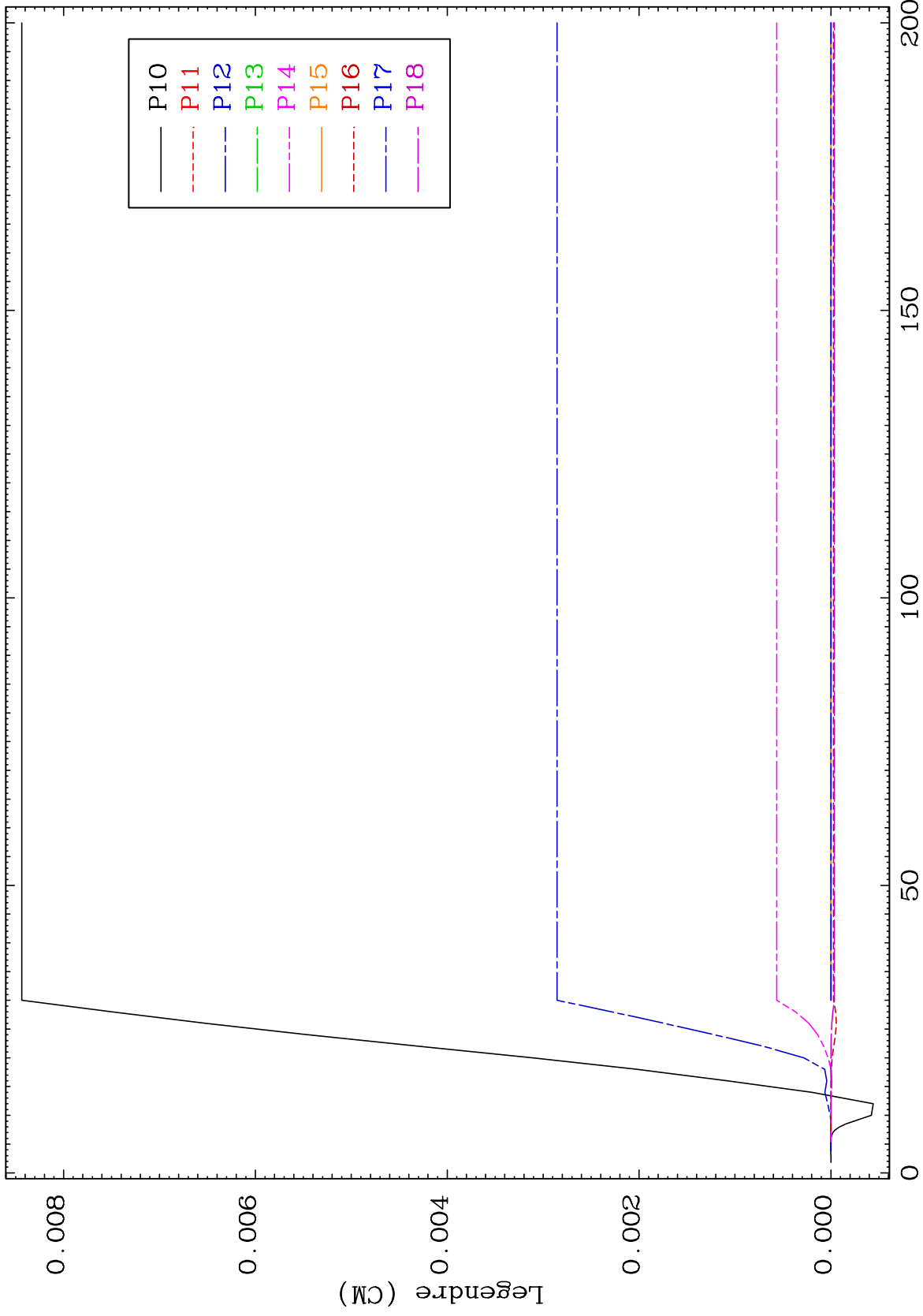




MAT 4940

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

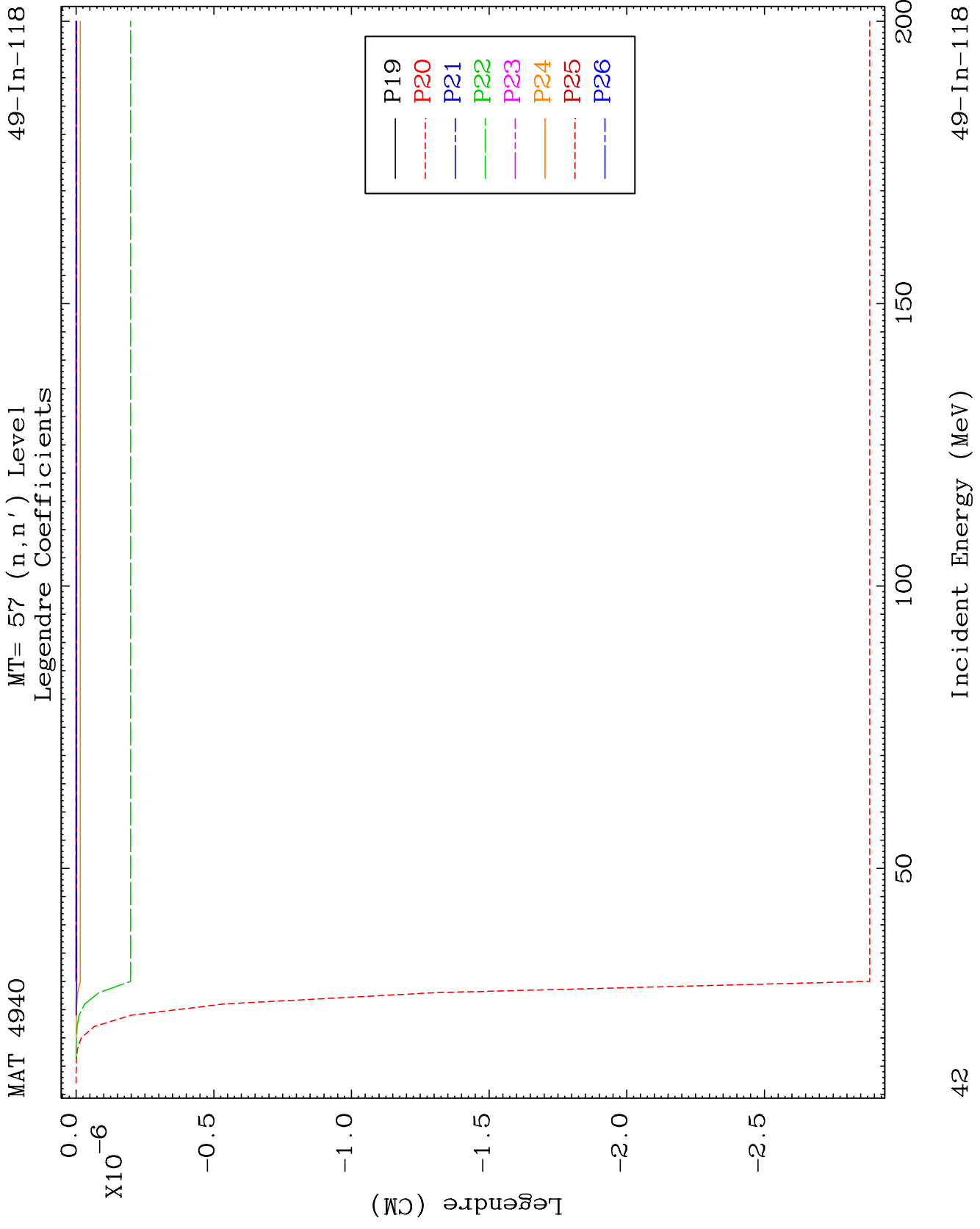
49-In-118

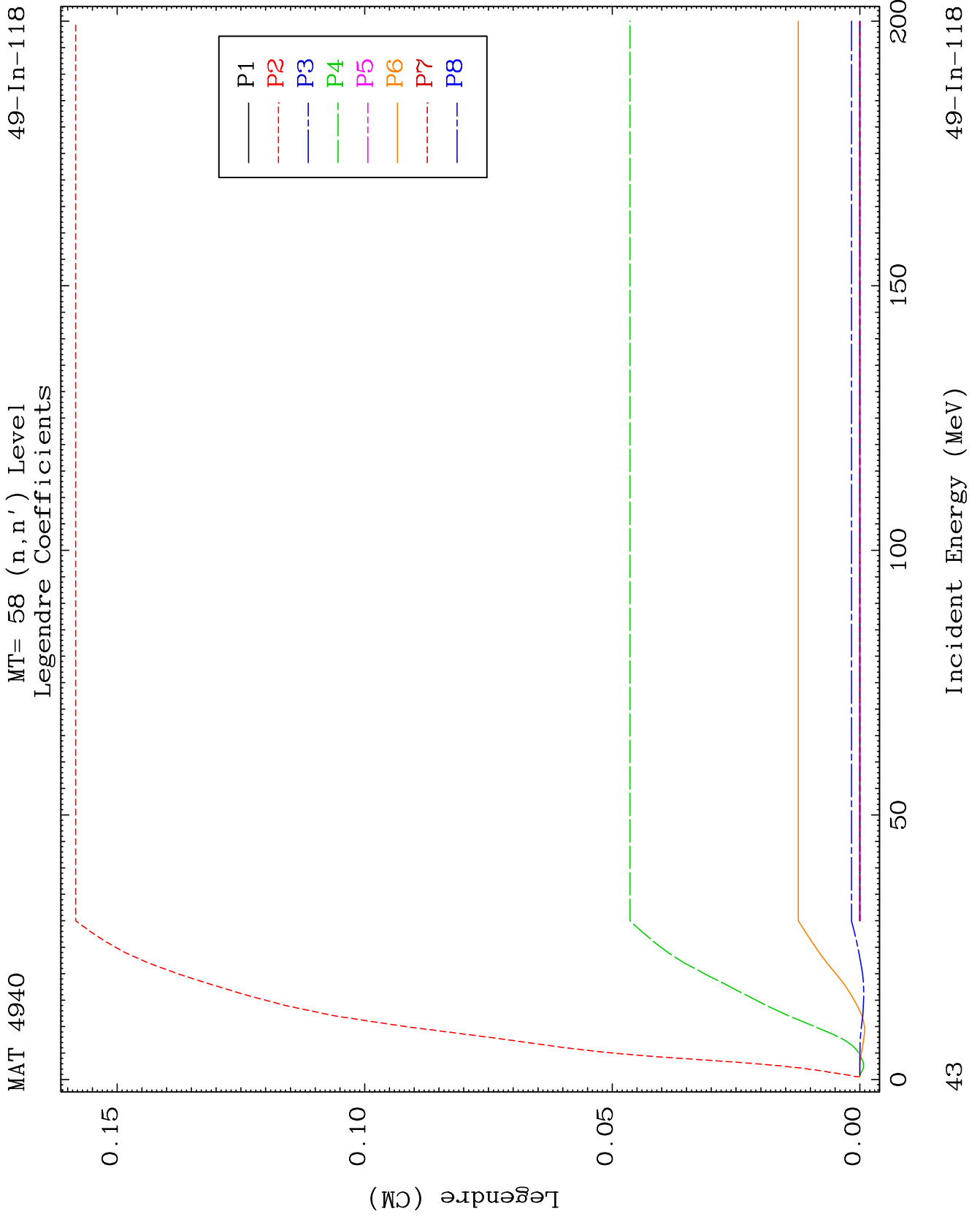


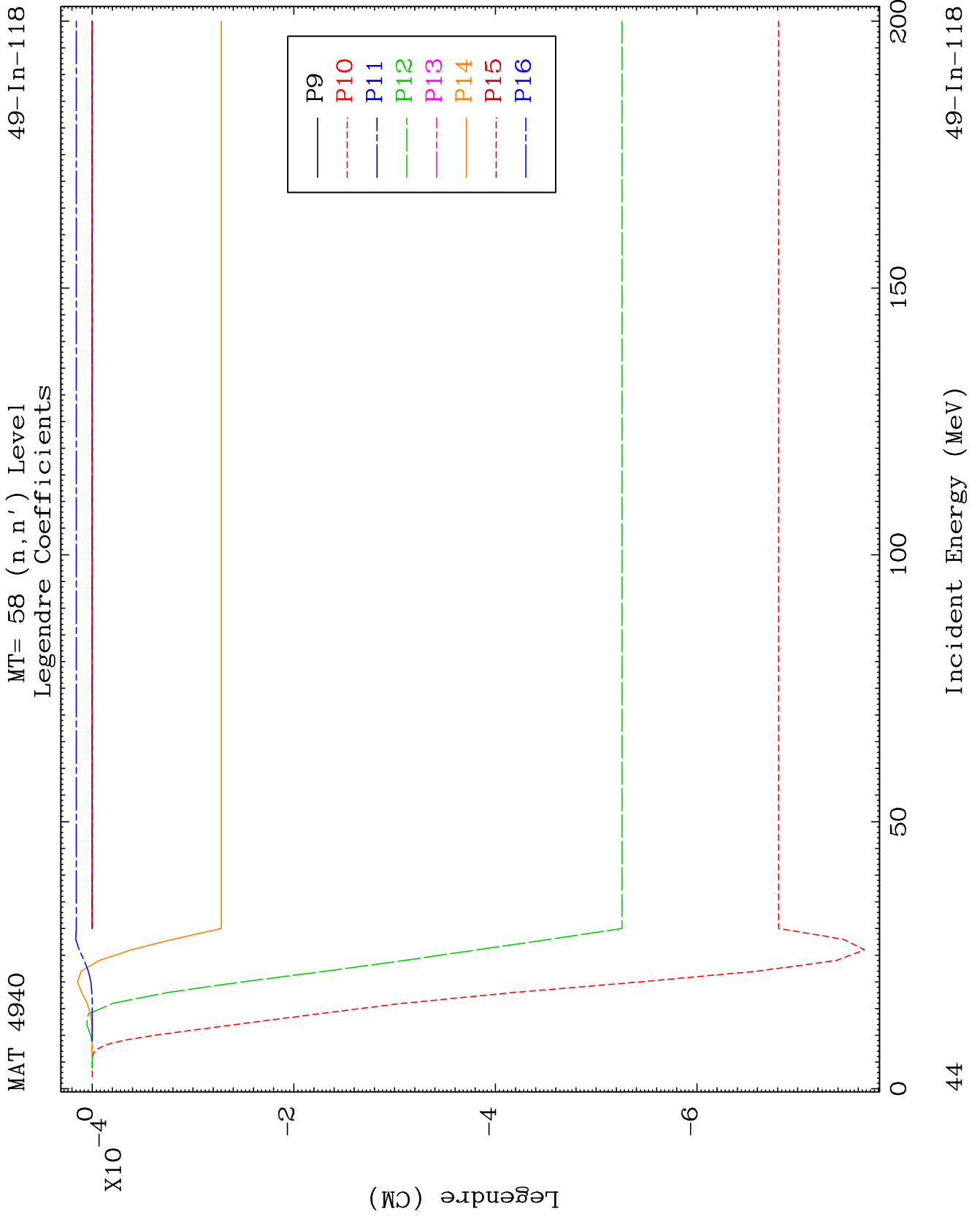
41

Incident Energy (MeV)

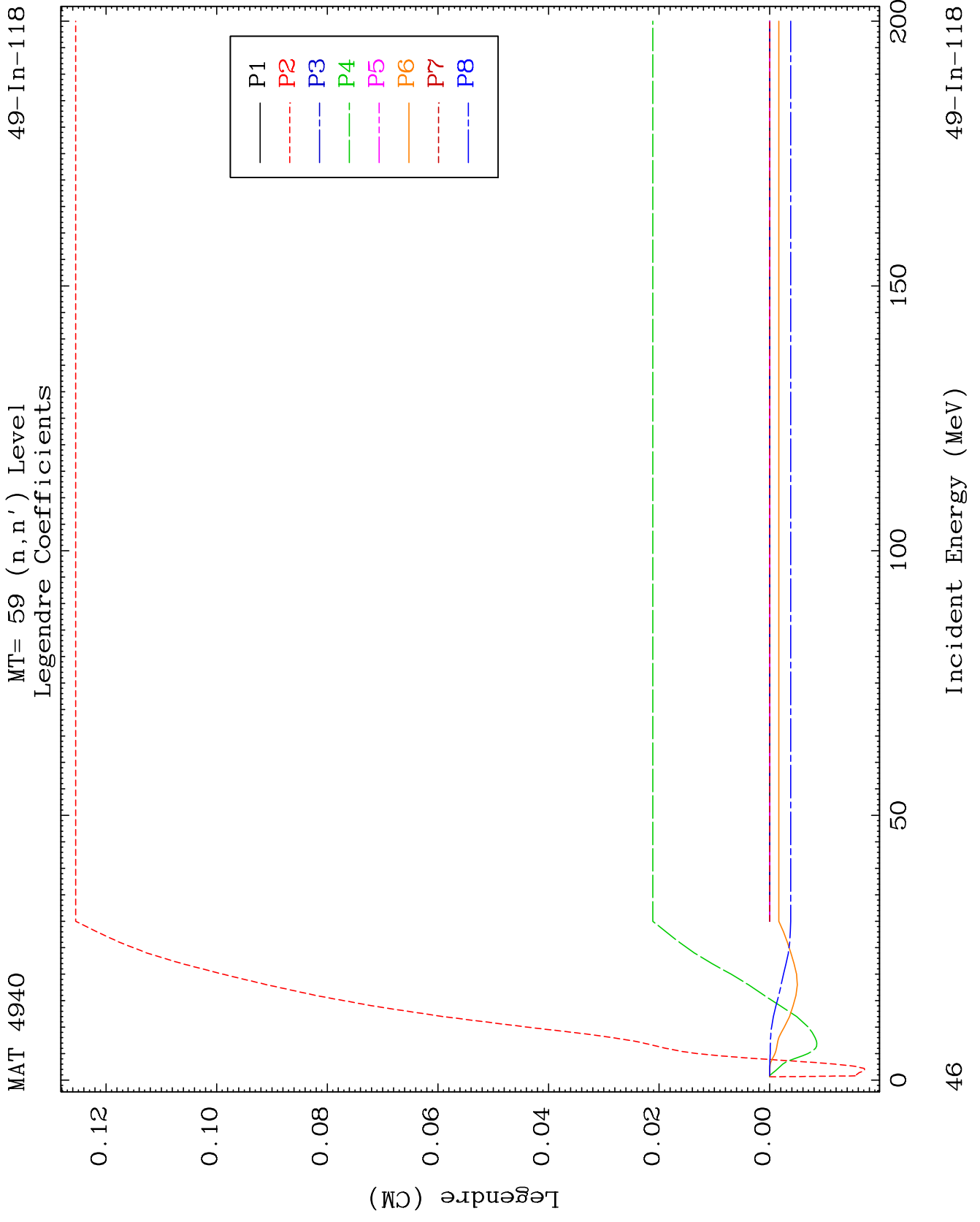
49-In-118

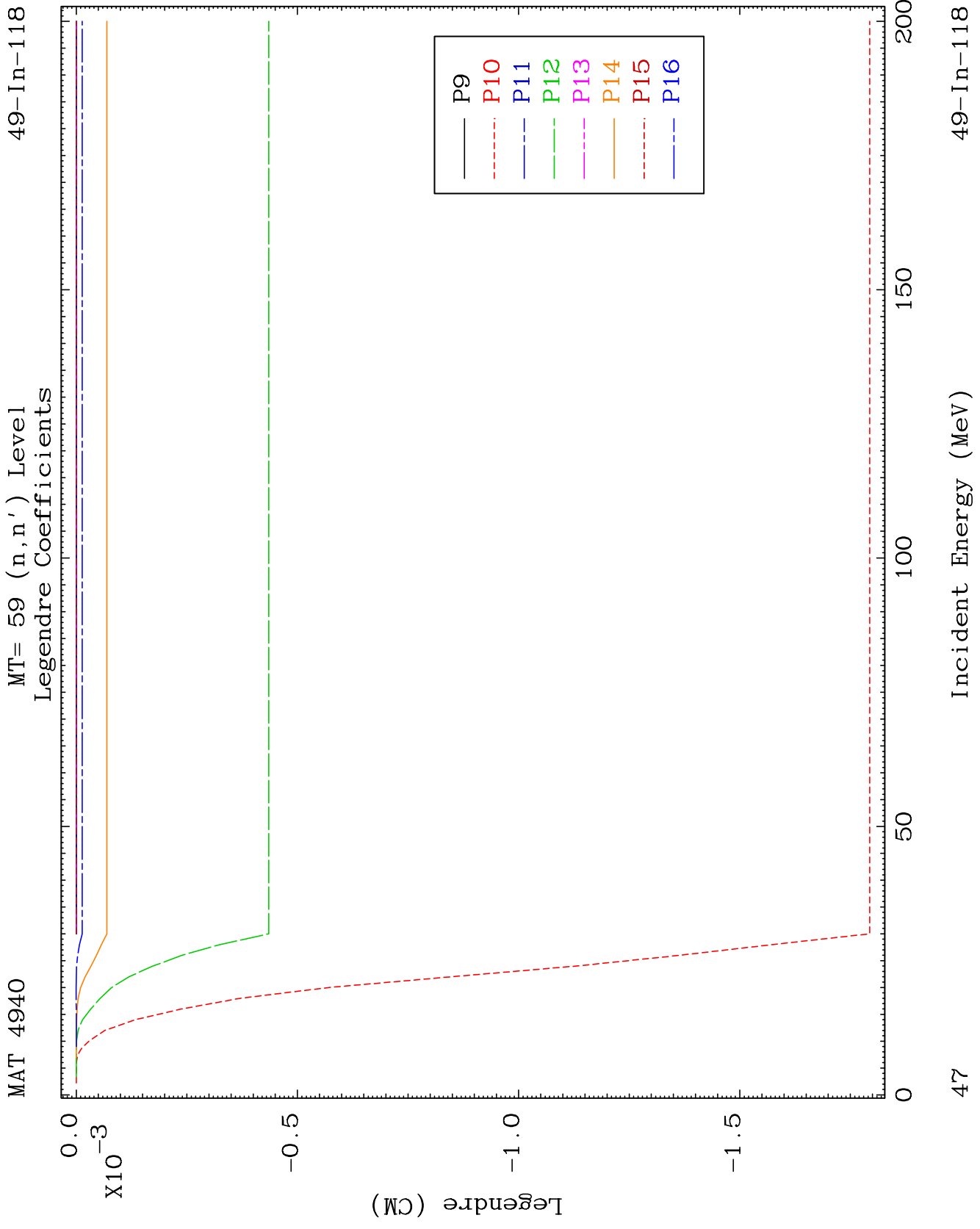




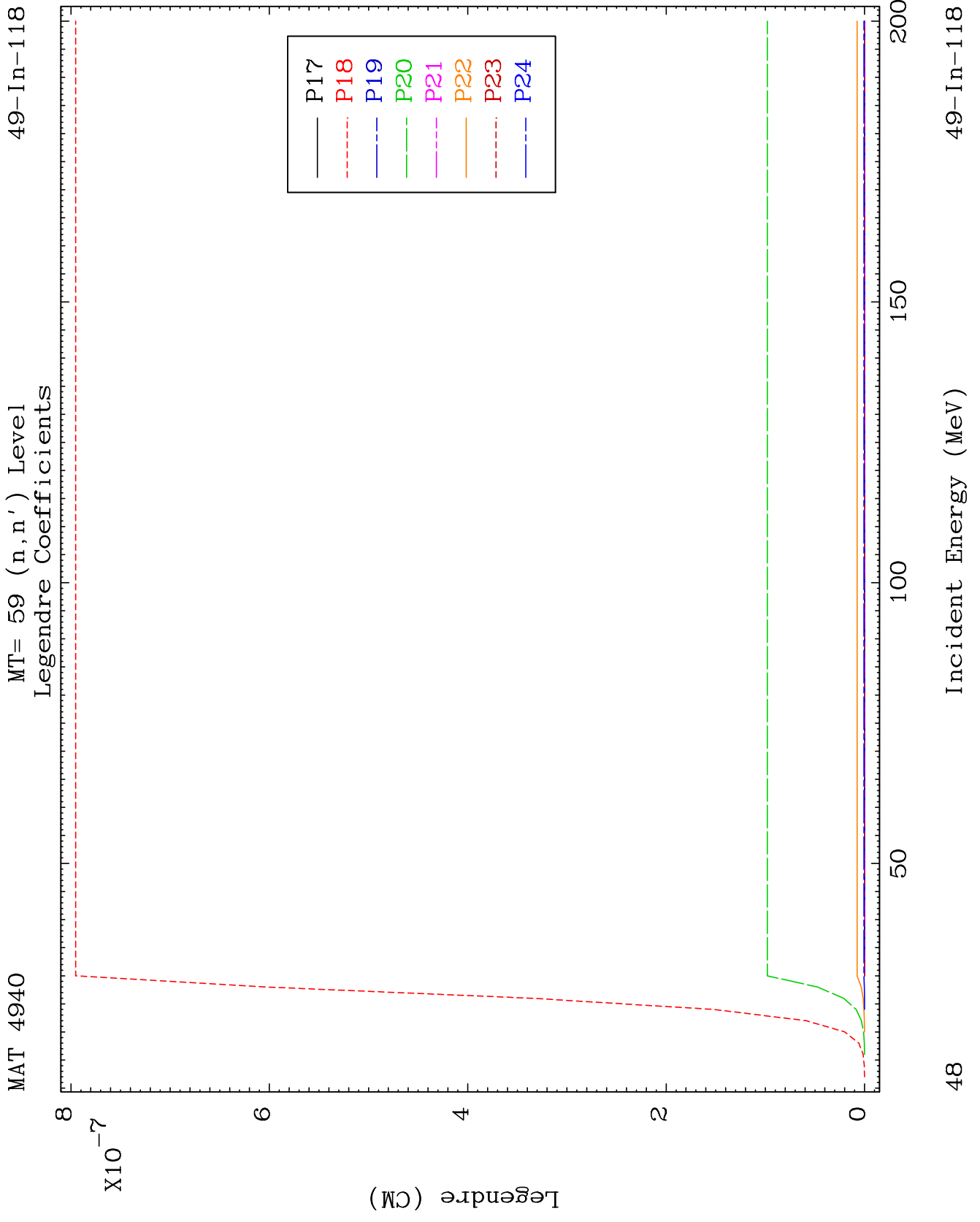








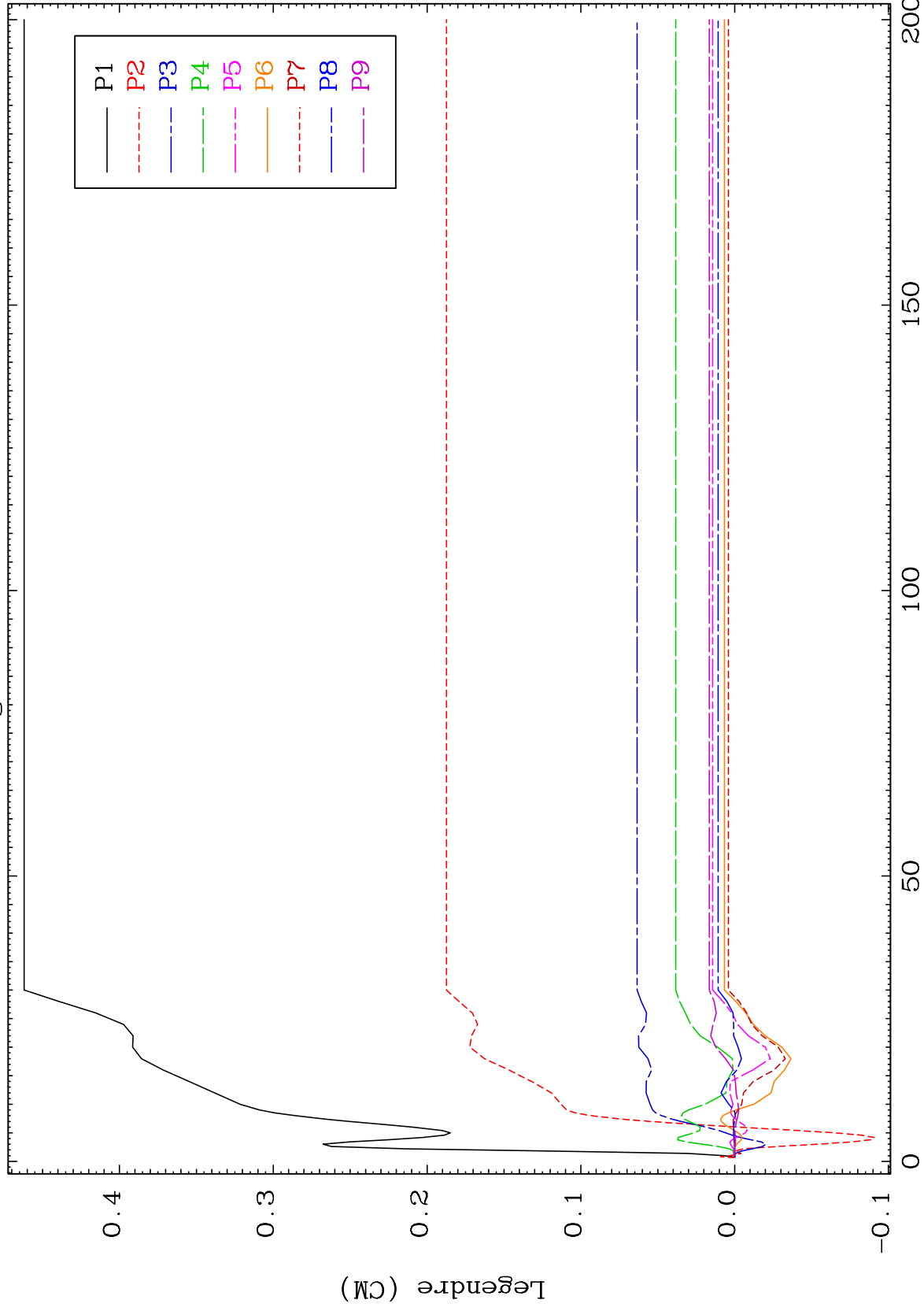




MAT 4940

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

49-In-118



49

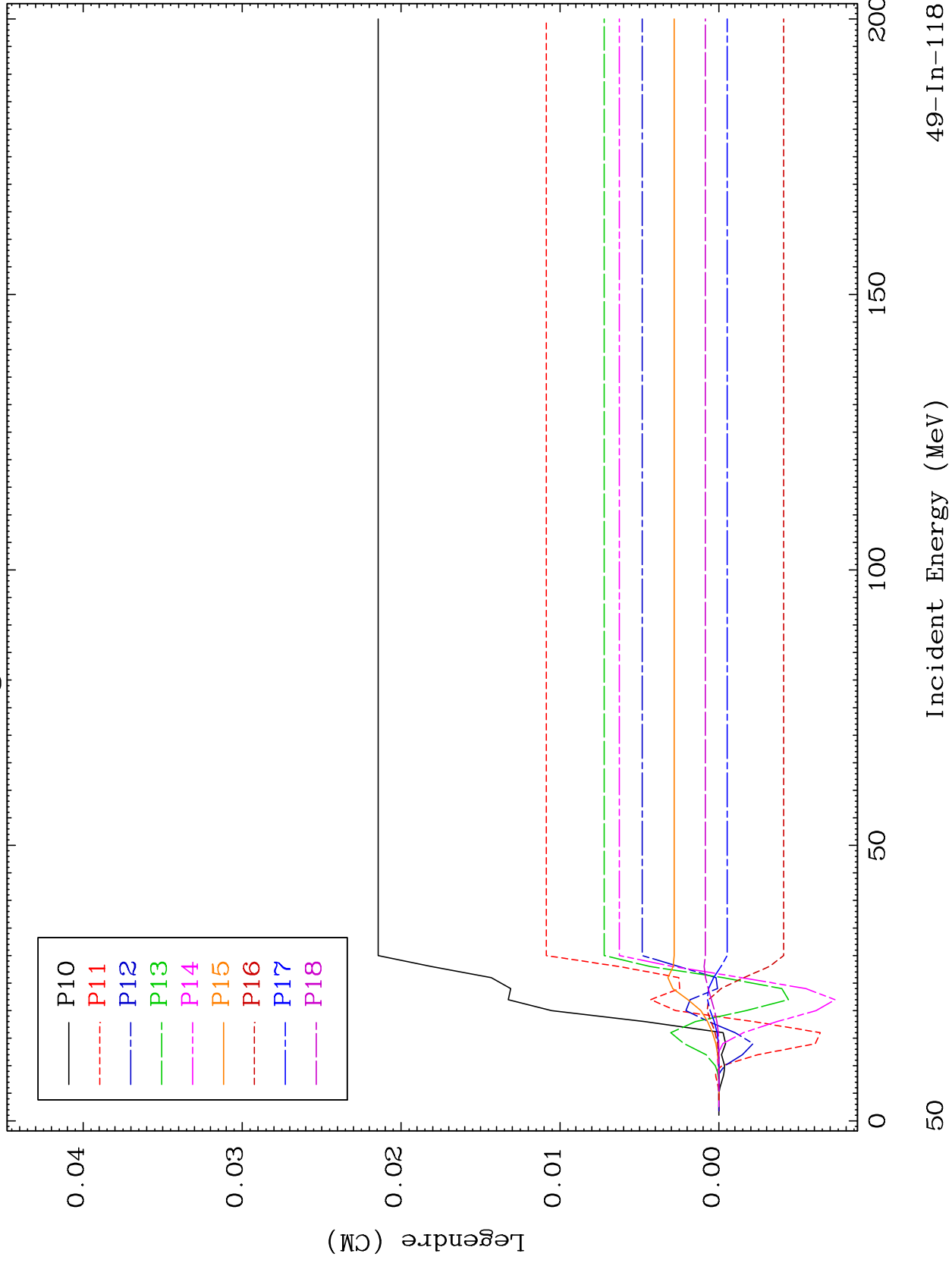
Incident Energy (MeV)

49-In-118

MAT 4940

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

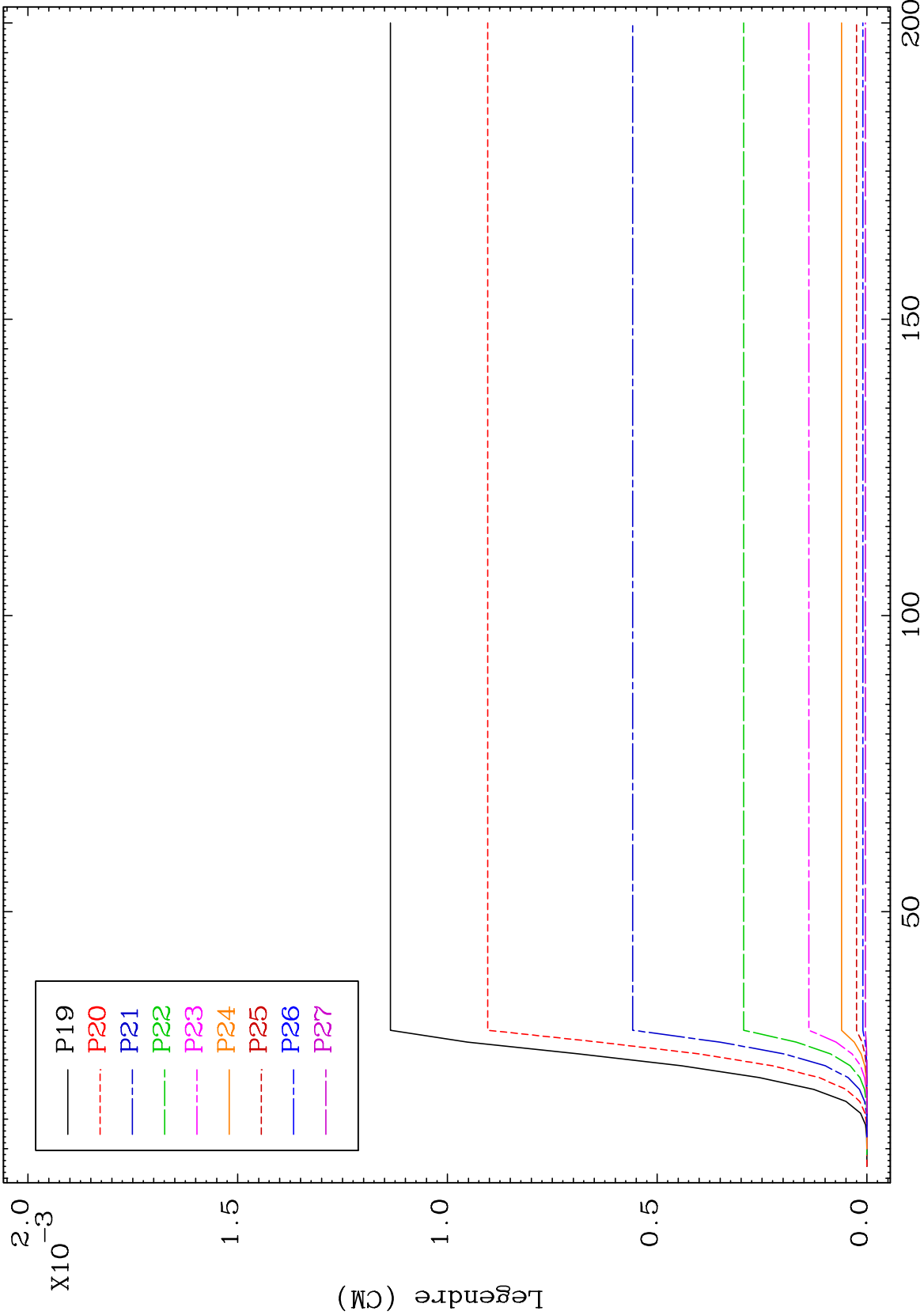
49-In-118



MAT 4940

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

49-In-118



51

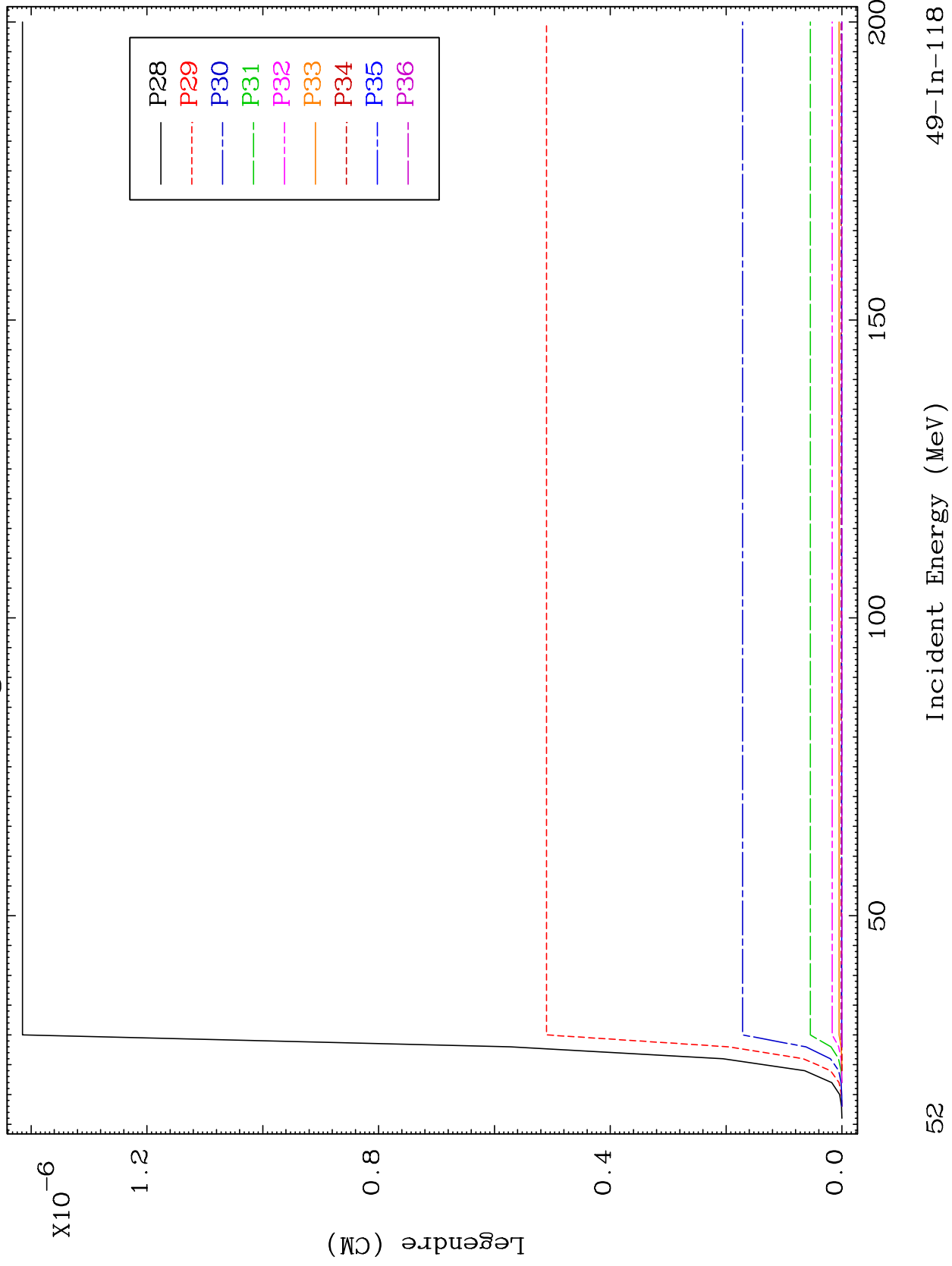
Incident Energy (MeV)

49-In-118

MAT 4940

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

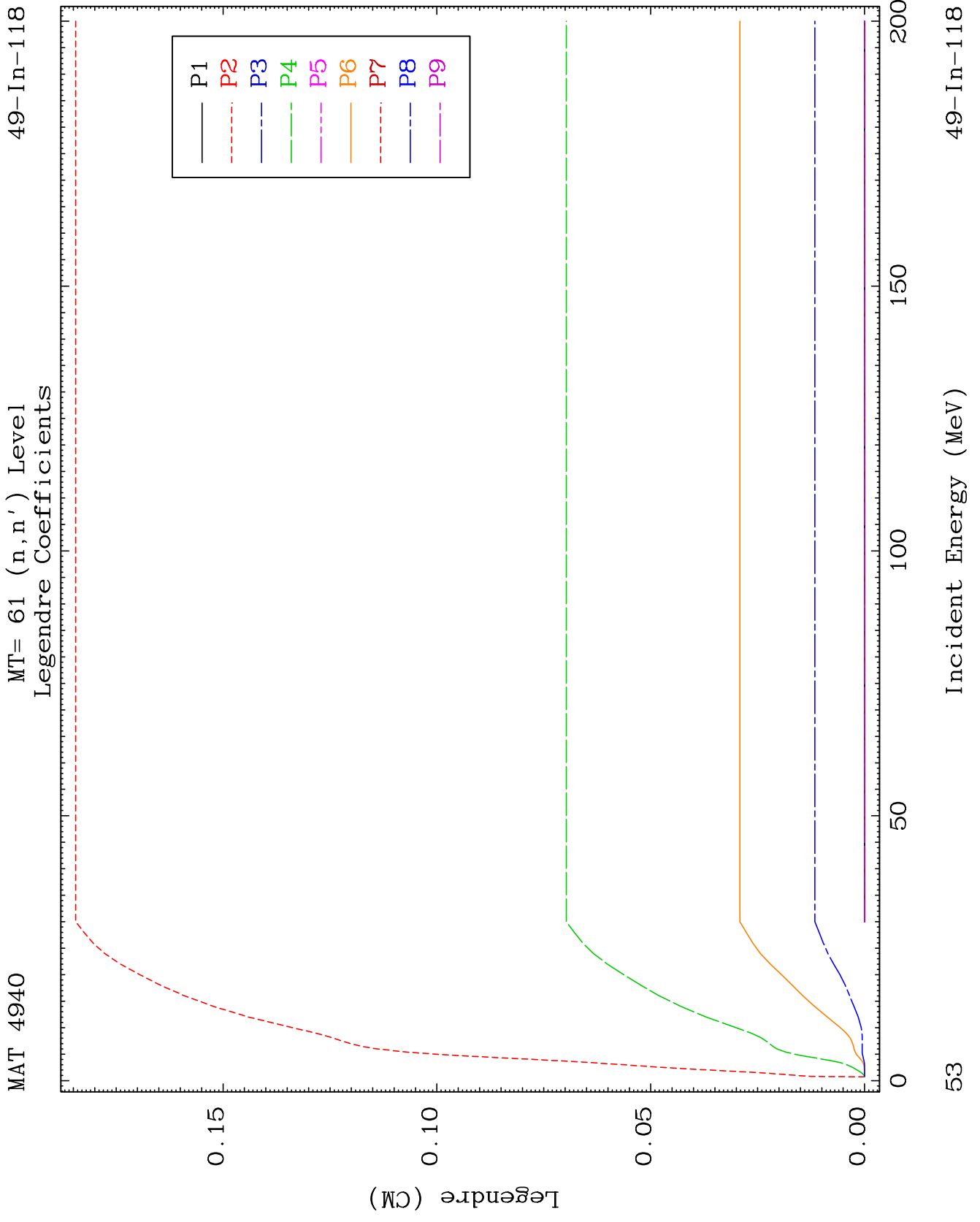
49-In-118



52

Incident Energy (MeV)

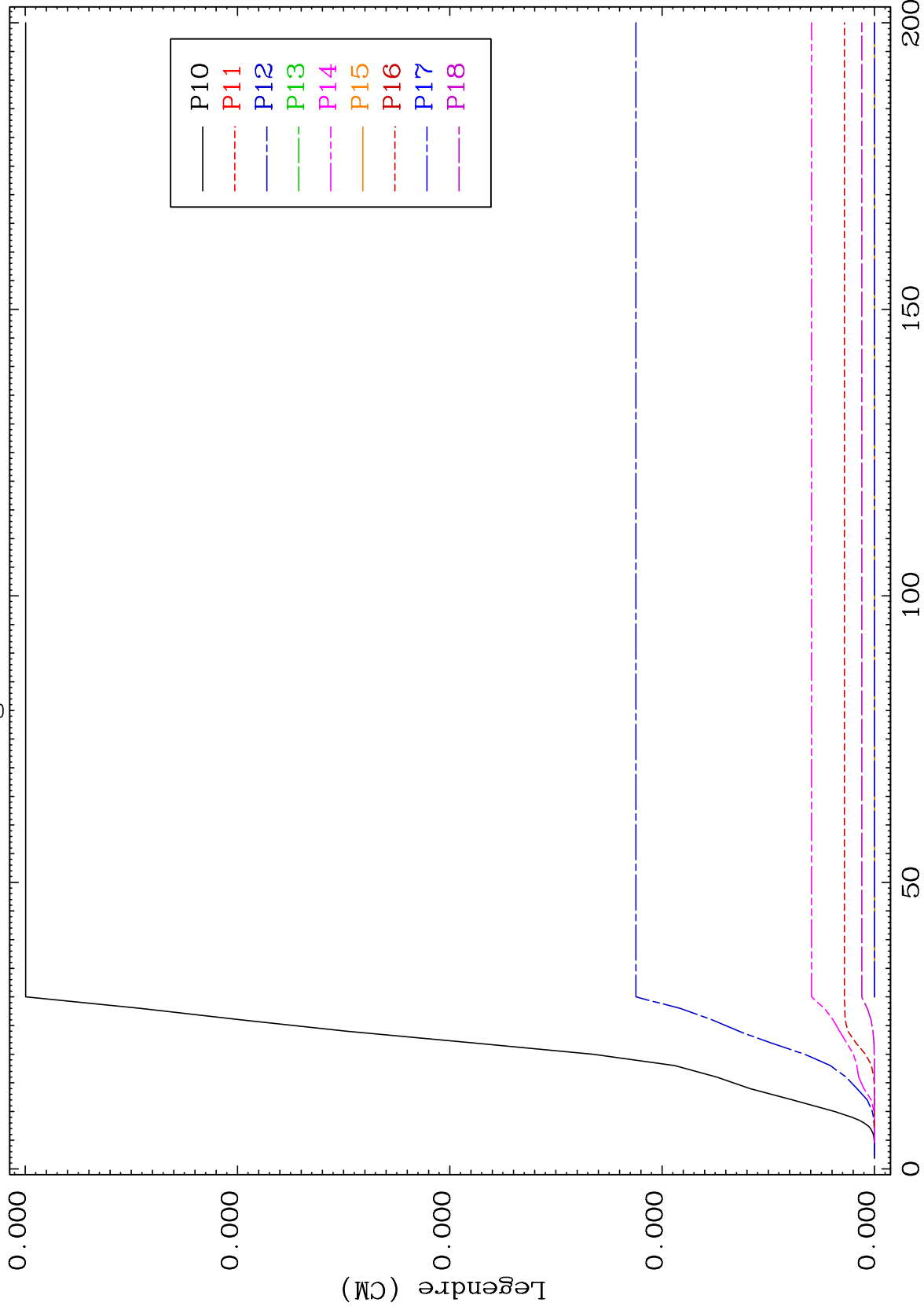
49-In-118



MAT 4940

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

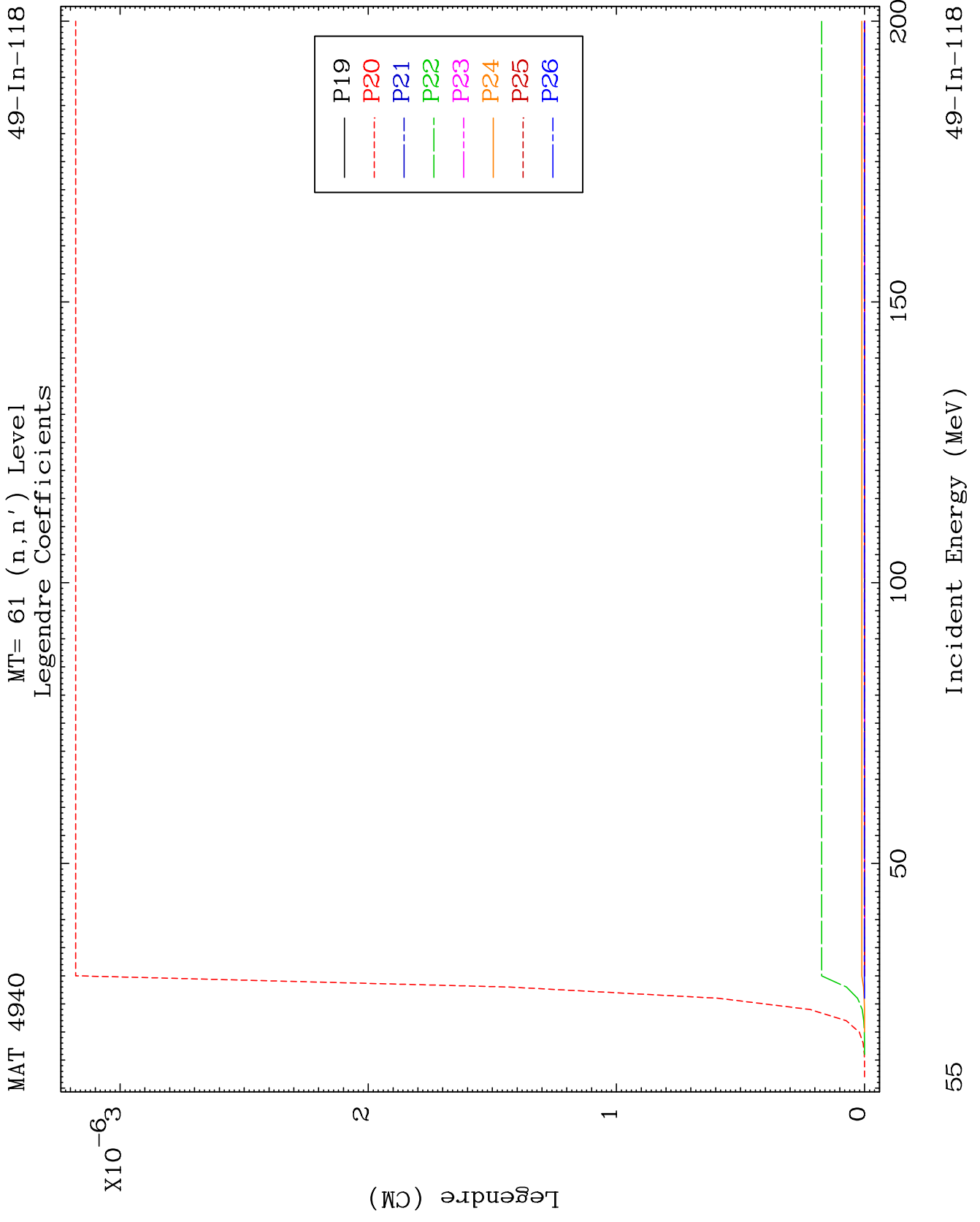
49-In-118



54

Incident Energy (MeV)

49-In-118

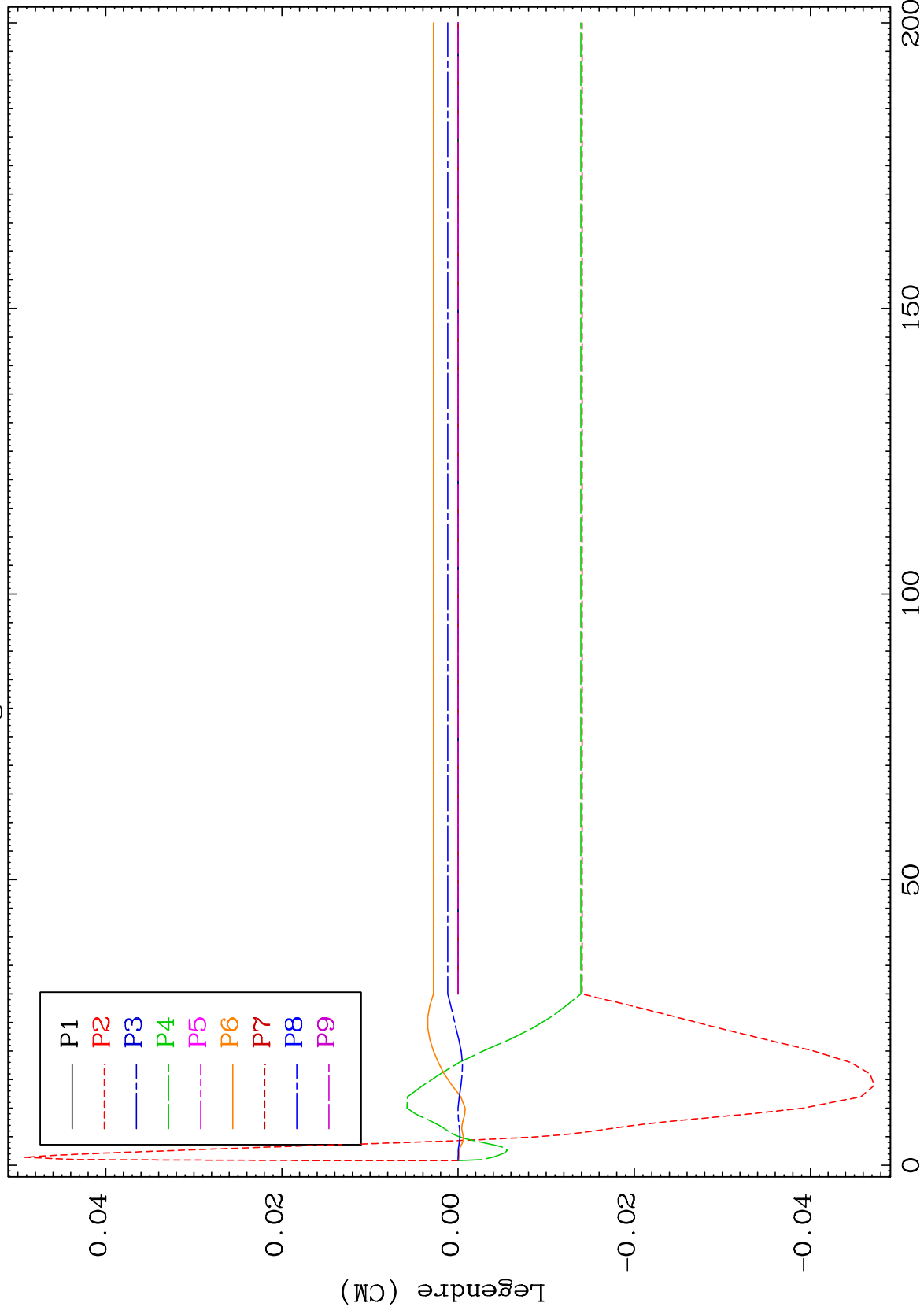




MAT 4940

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

49-In-118



56

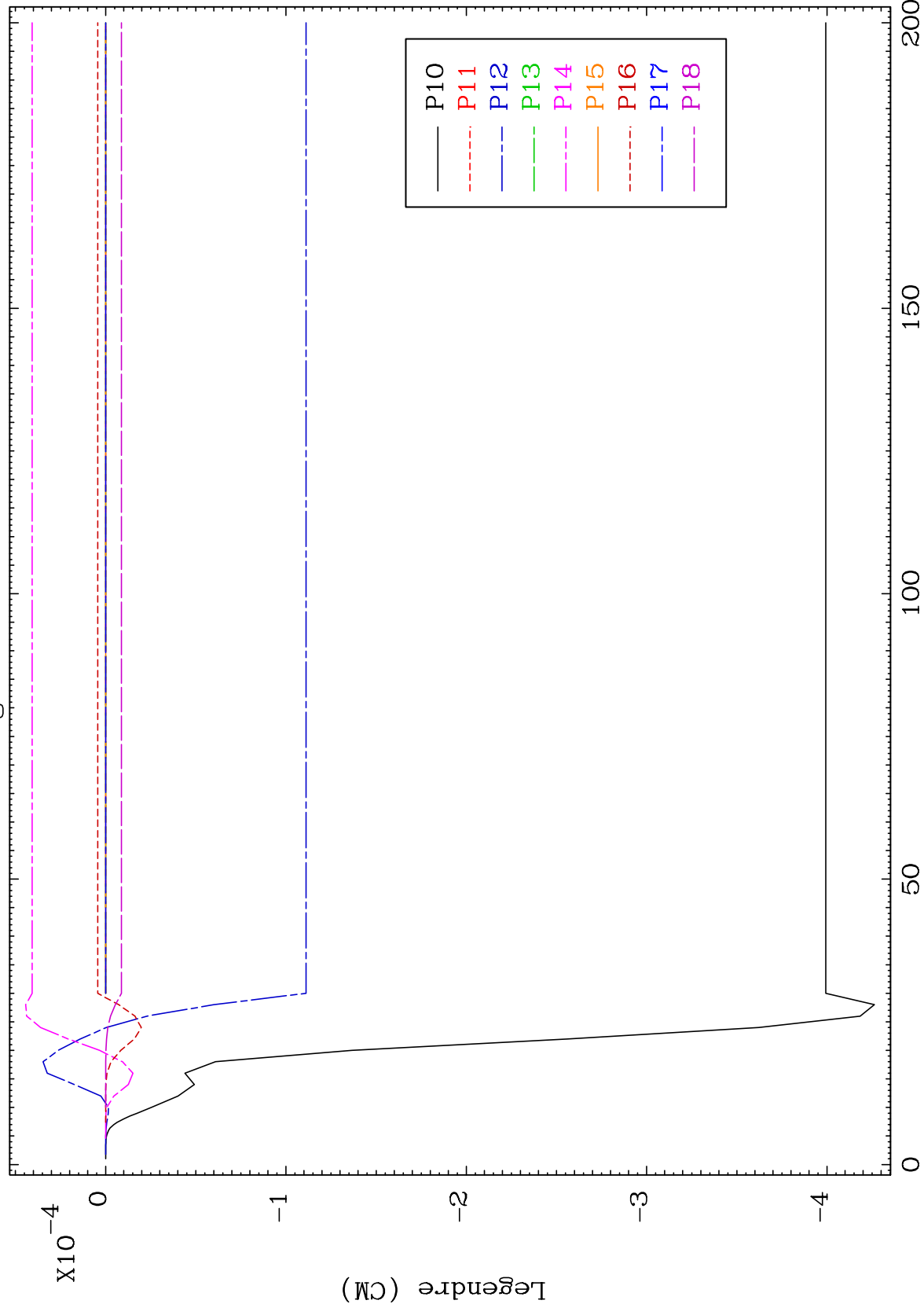
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



57

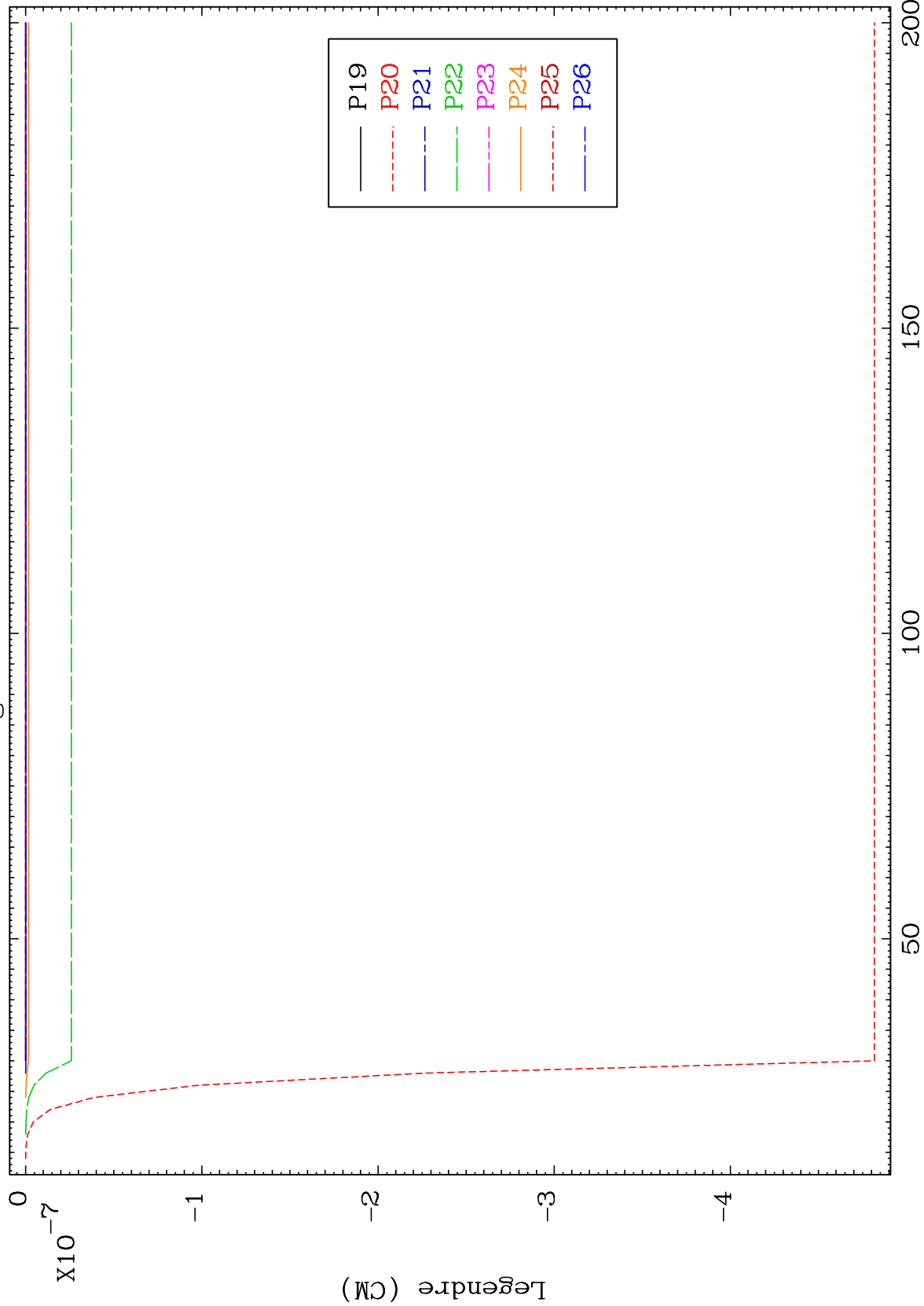
Incident Energy (MeV)

49-In-118

MAT 4940

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

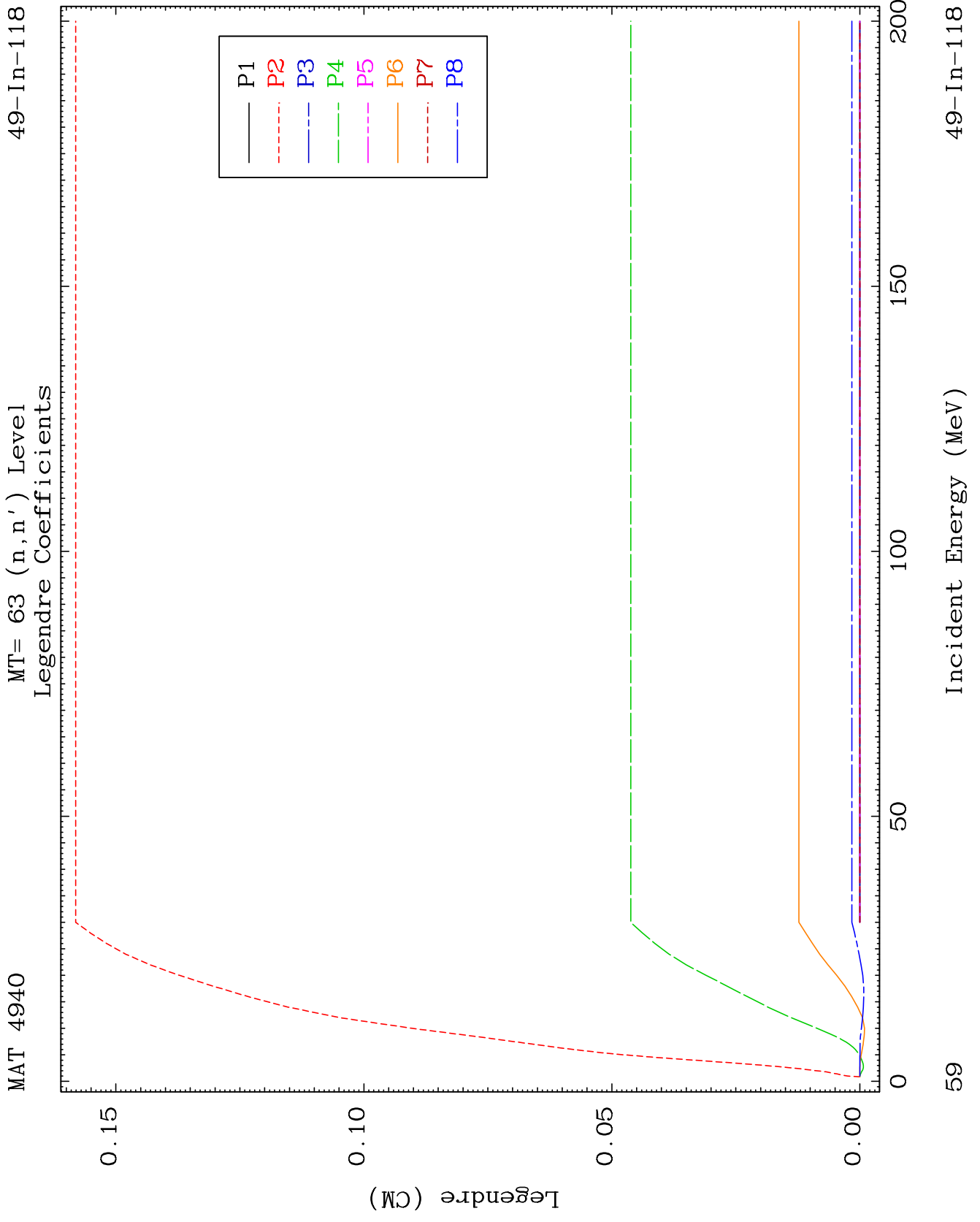
49-In-118

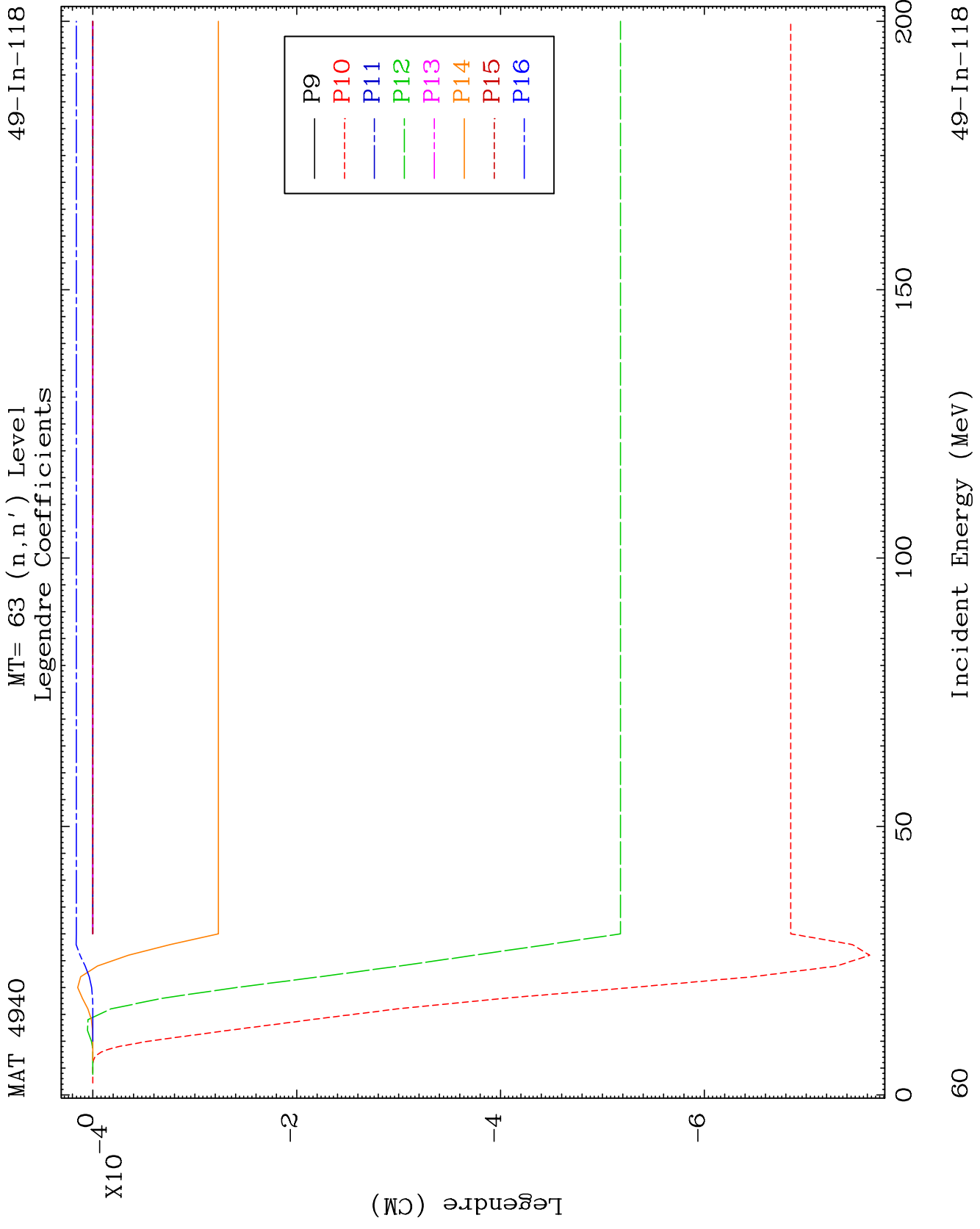


49-In-118

Incident Energy (MeV)

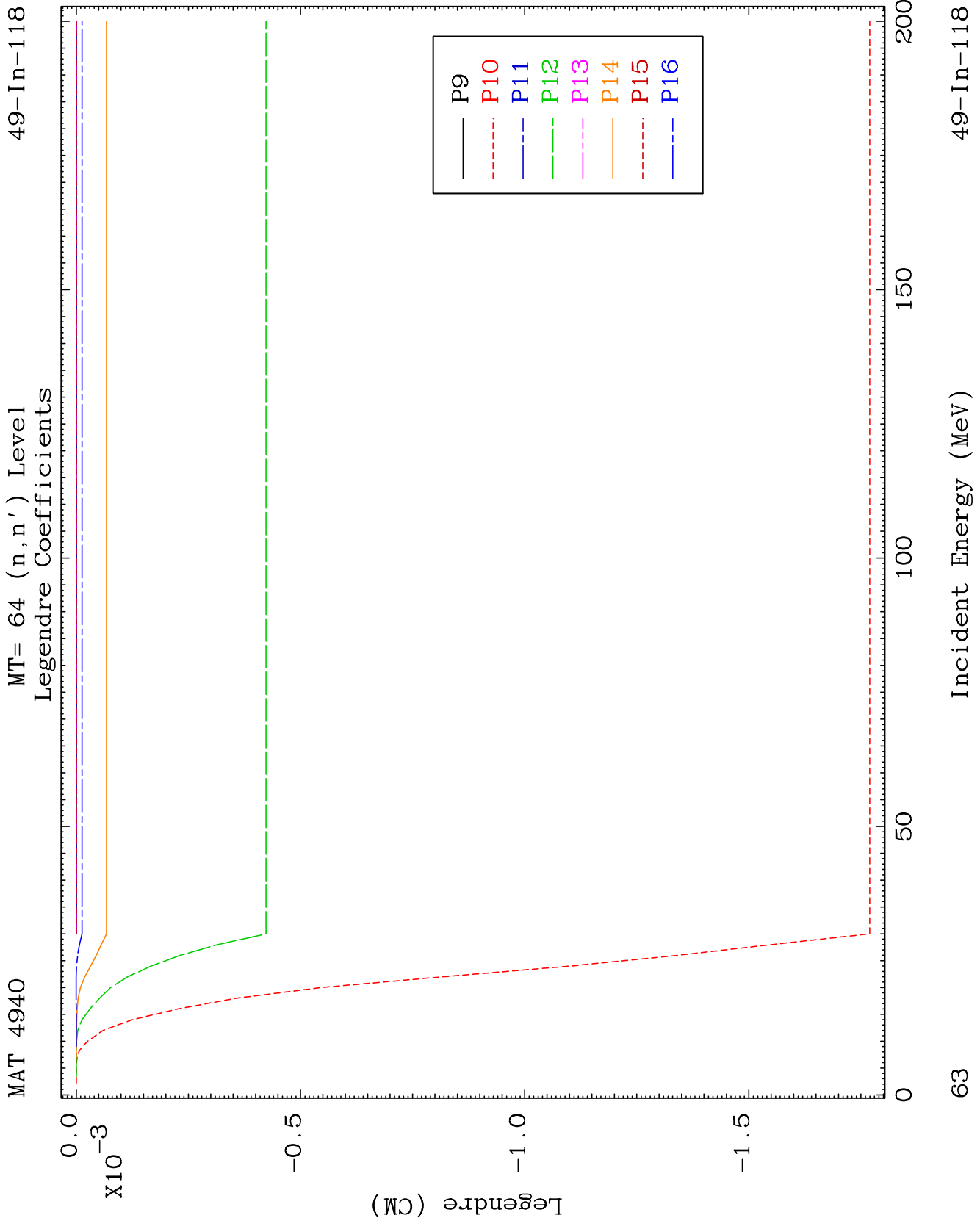
58











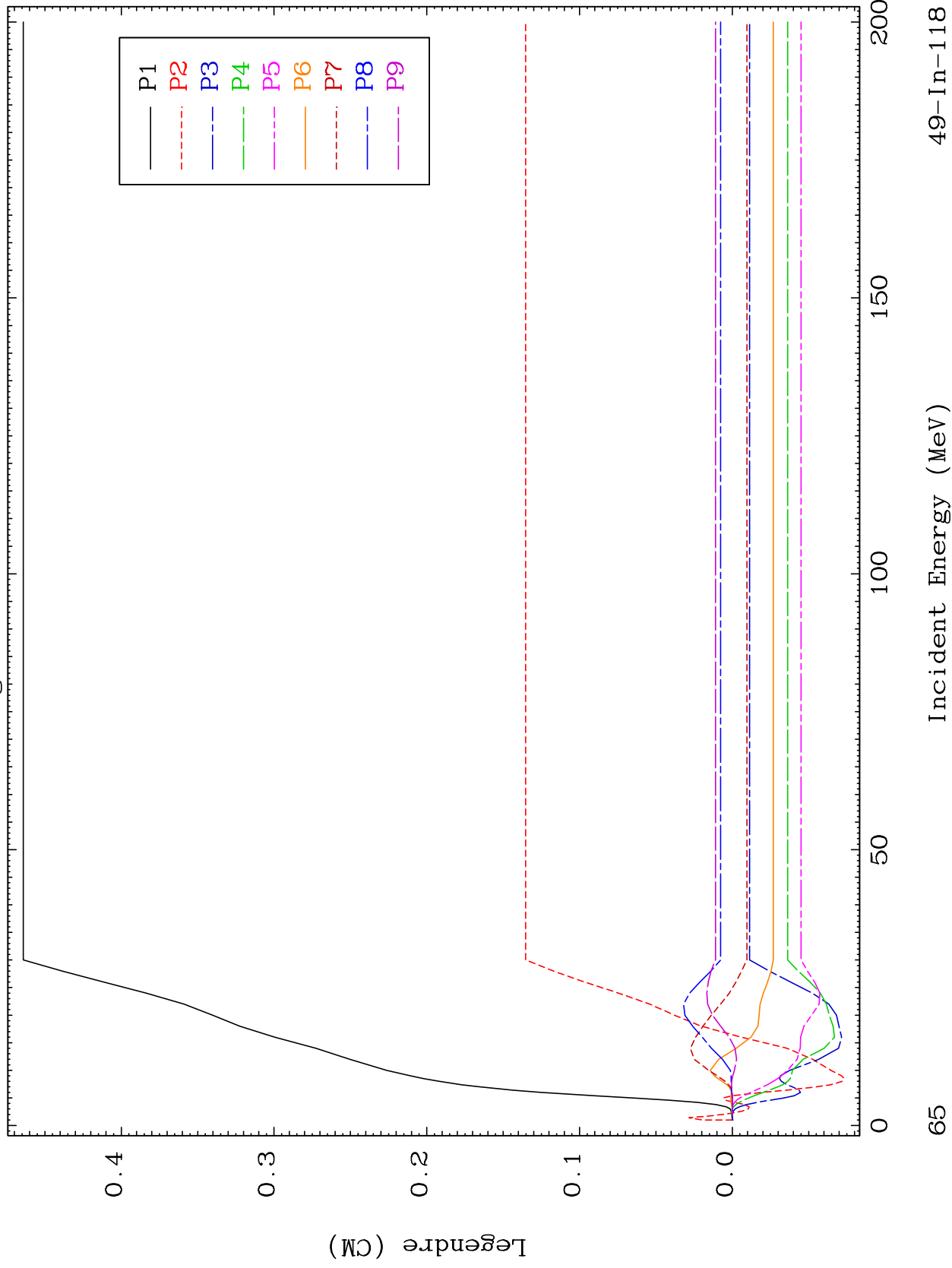




MAT 4940

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

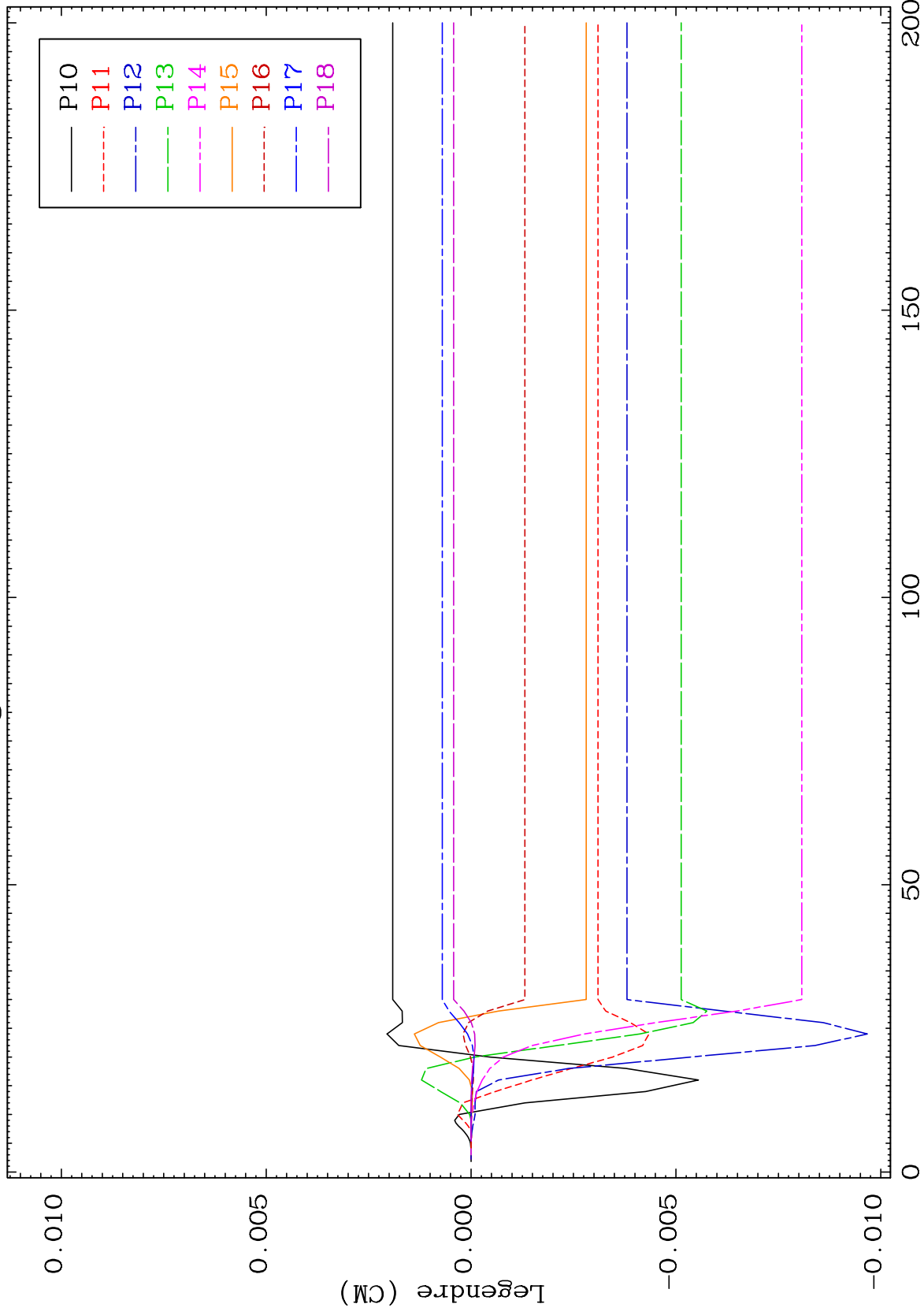
49-In-118



MAT 4940

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

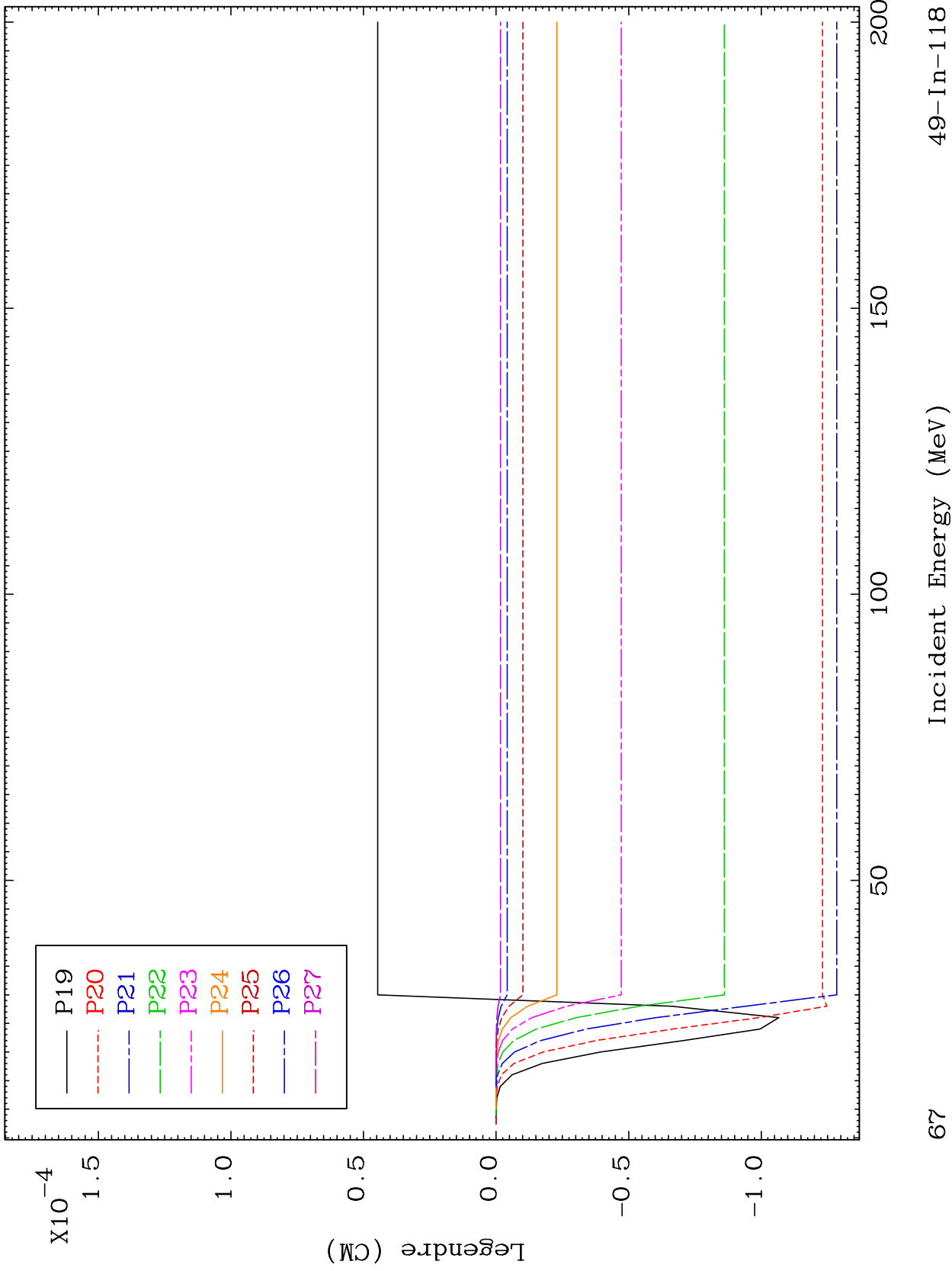
49-In-118



66

Incident Energy (MeV)

49-In-118

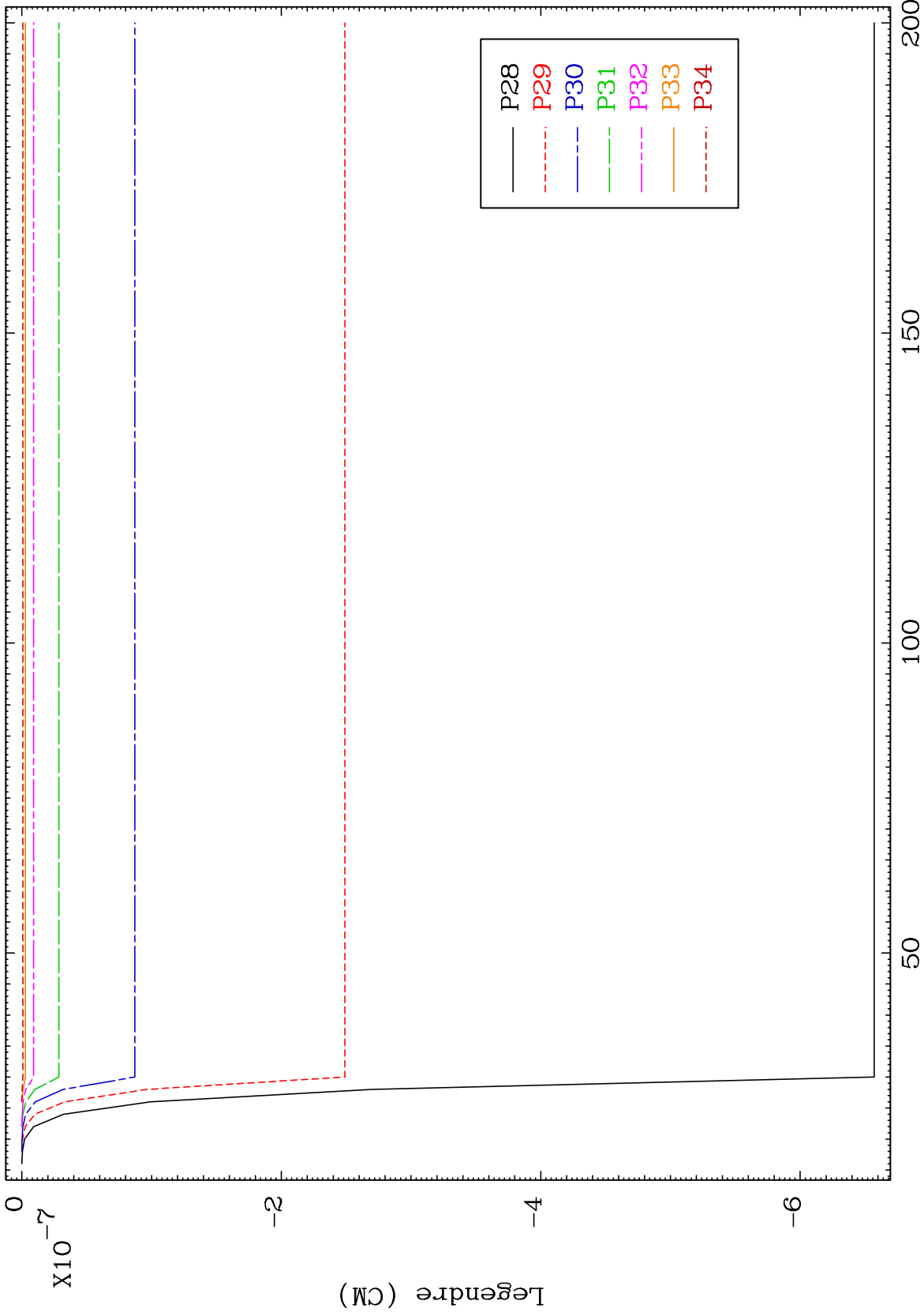


MAT 4940

MT= 65 (n,n') Level

49-In-118

Legendre Coefficients



68

Incident Energy (MeV)

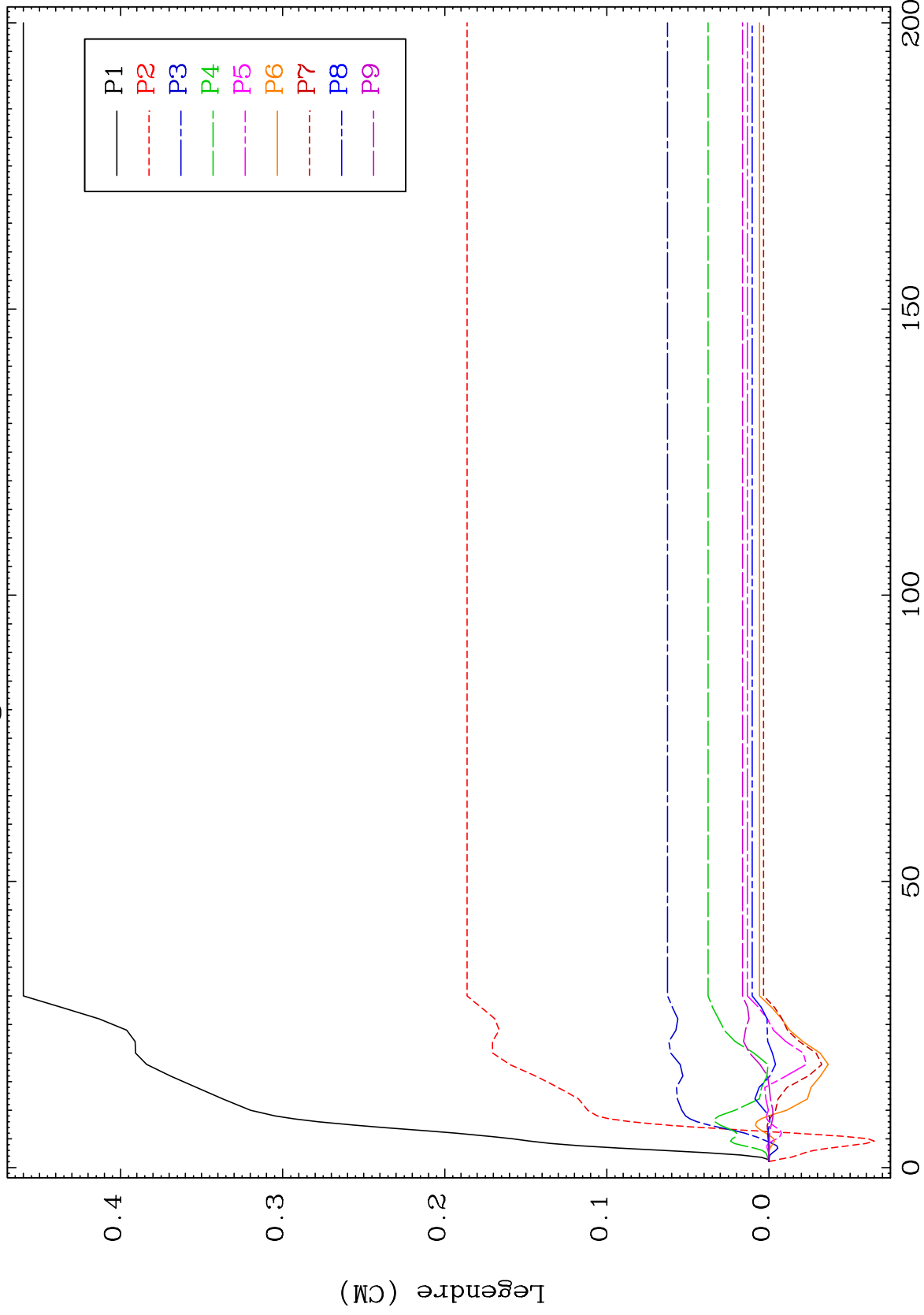
49-In-118

MAT 4940

MT= 66 (n,n') Level

49-In-118

Legendre Coefficients



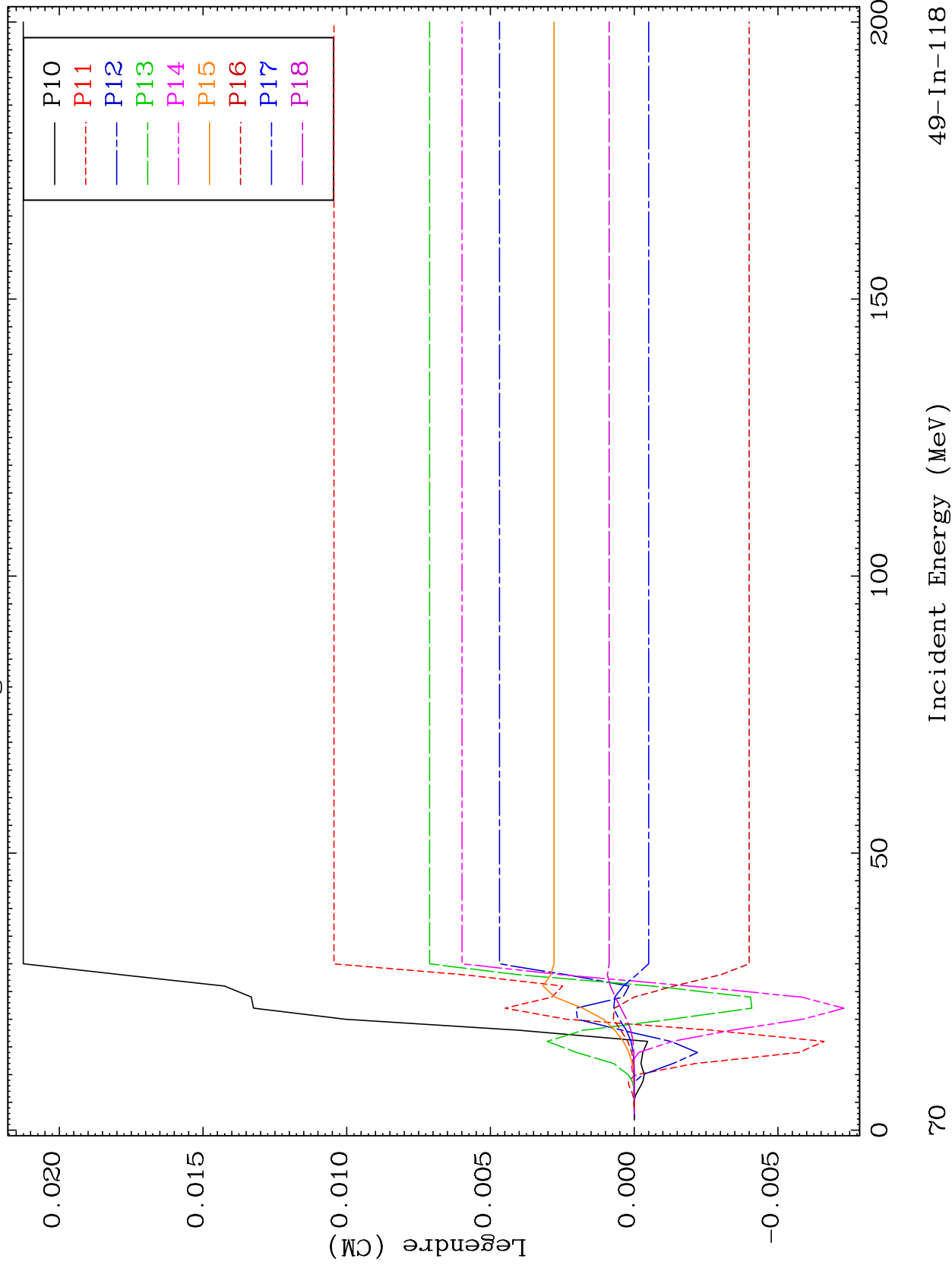
69

49-In-118

MAT 4940

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

49-In-118



49-In-118

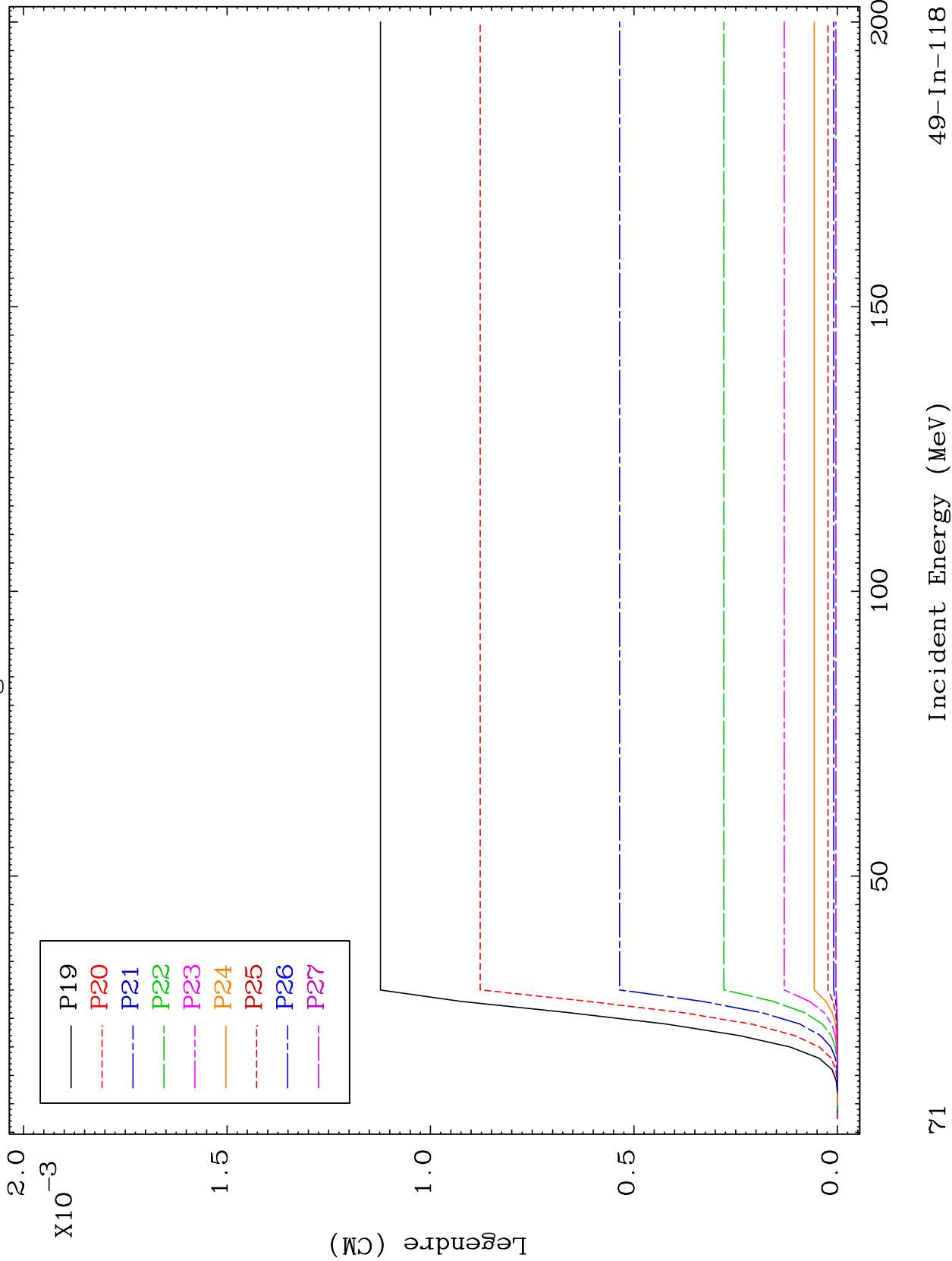
Incident Energy (MeV)

70

MAT 4940

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

49-In-118



71

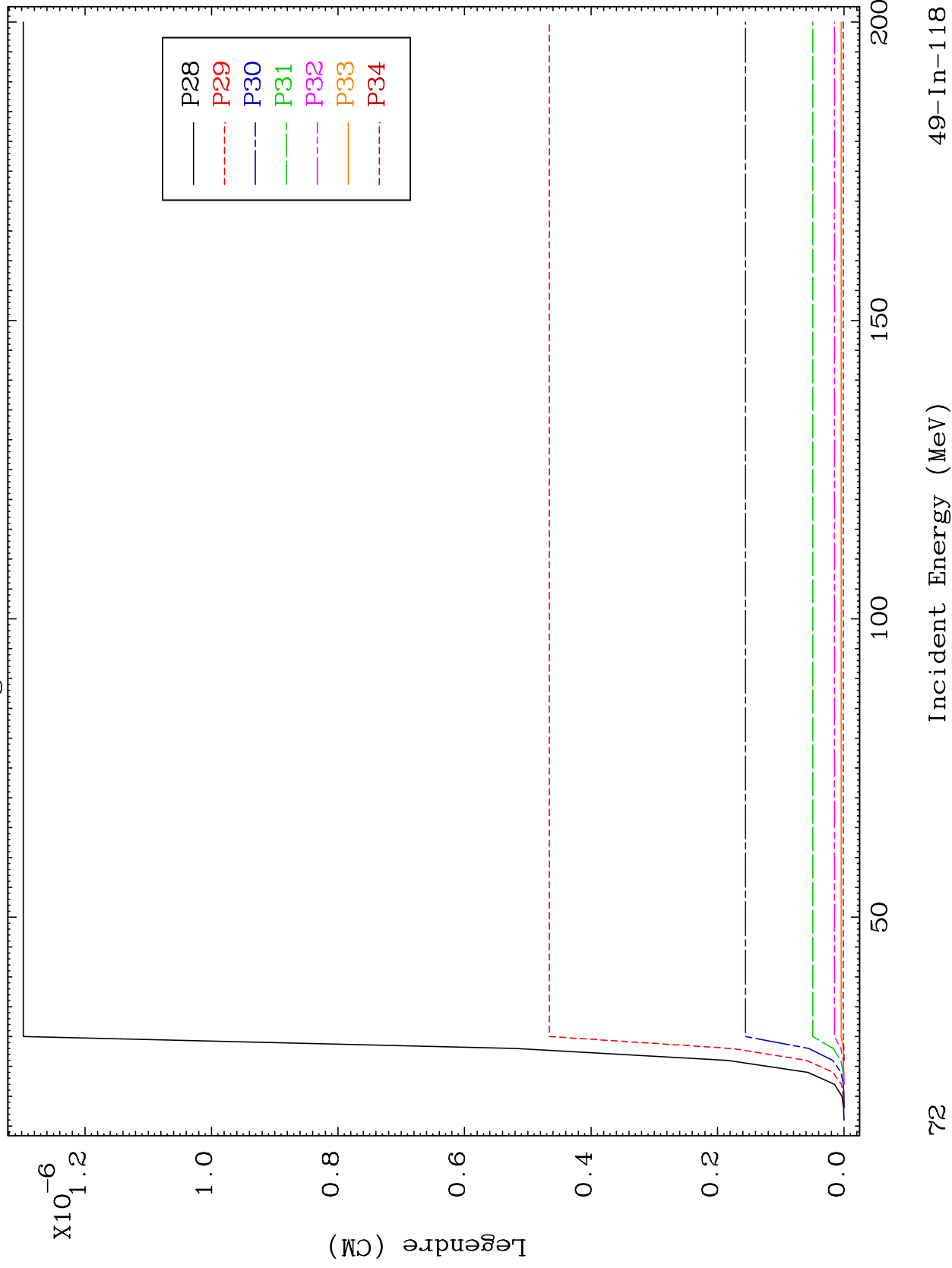
49-In-118



MAT 4940

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

49-In-118



72

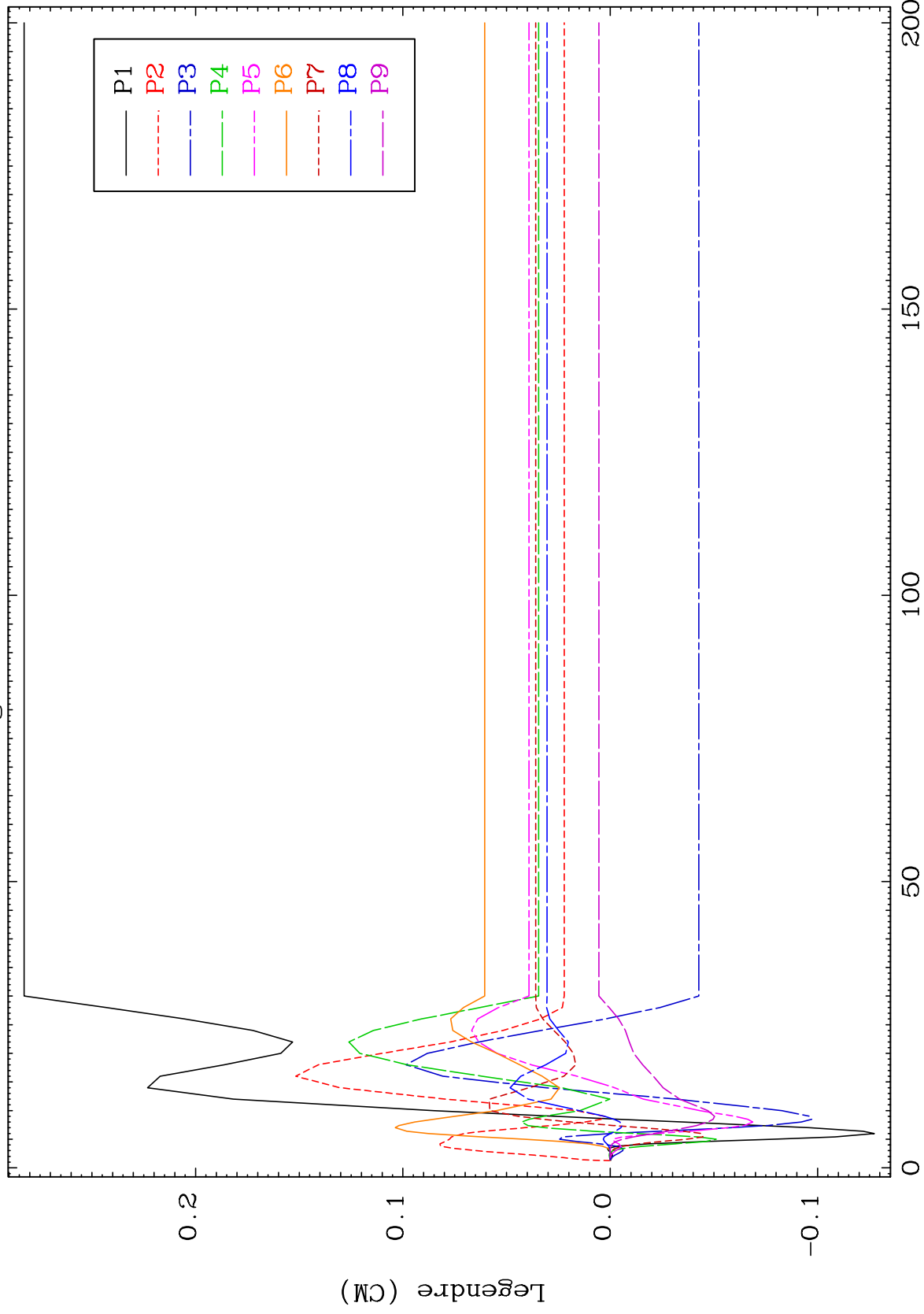
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



73

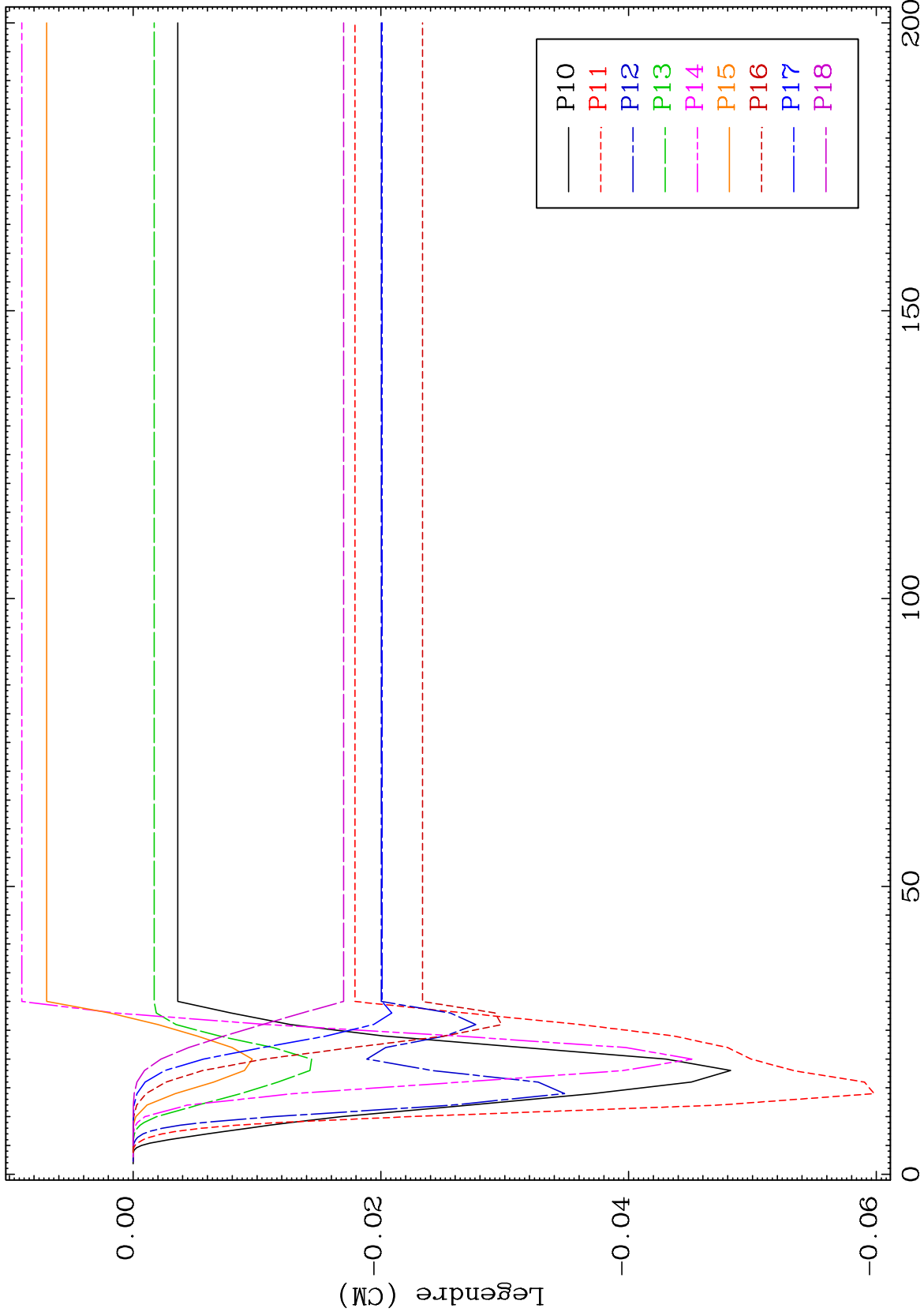
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



74

Incident Energy (MeV)

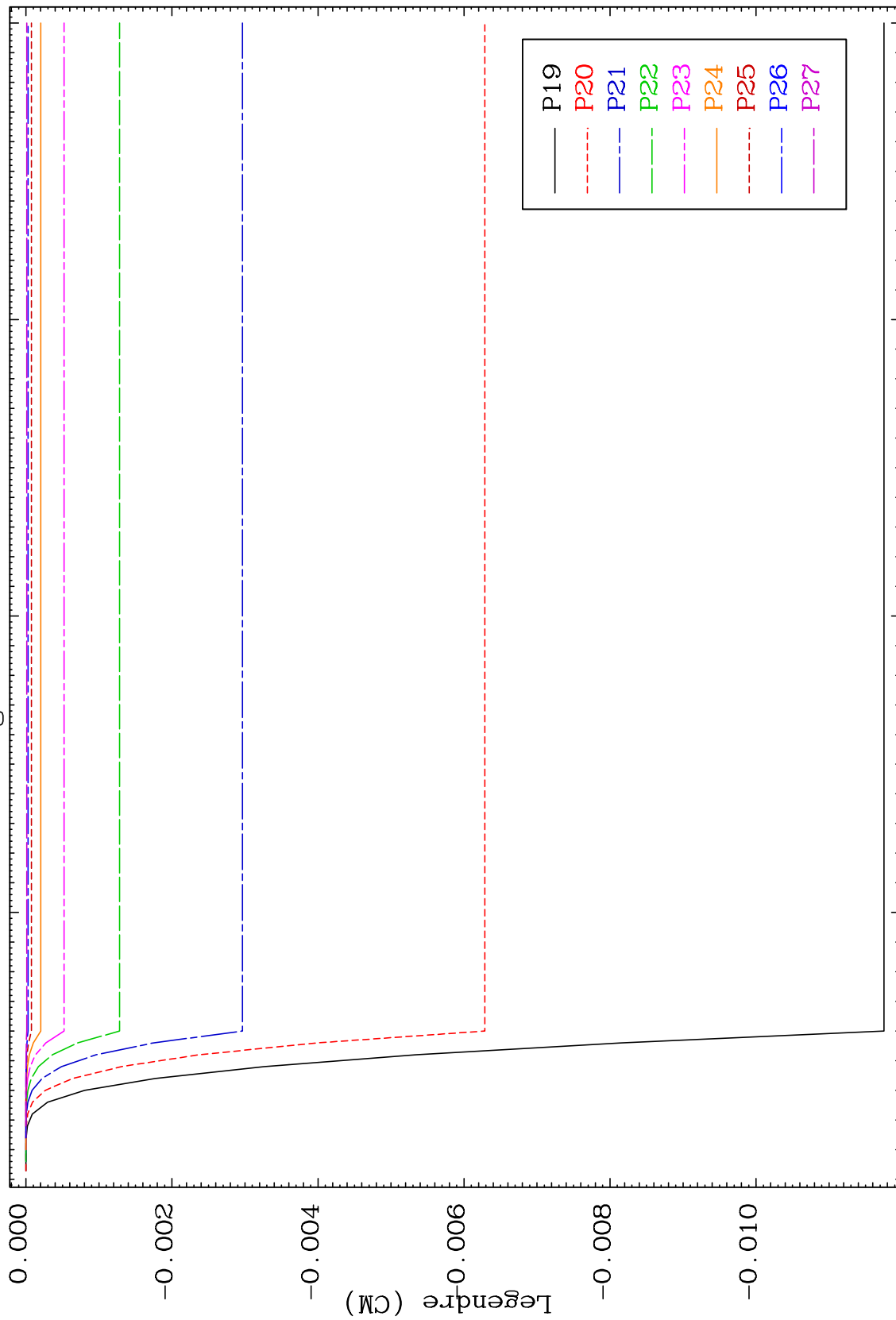
49-In-118

MAT 4940

MT= 67 (n,n') Level

49-In-118

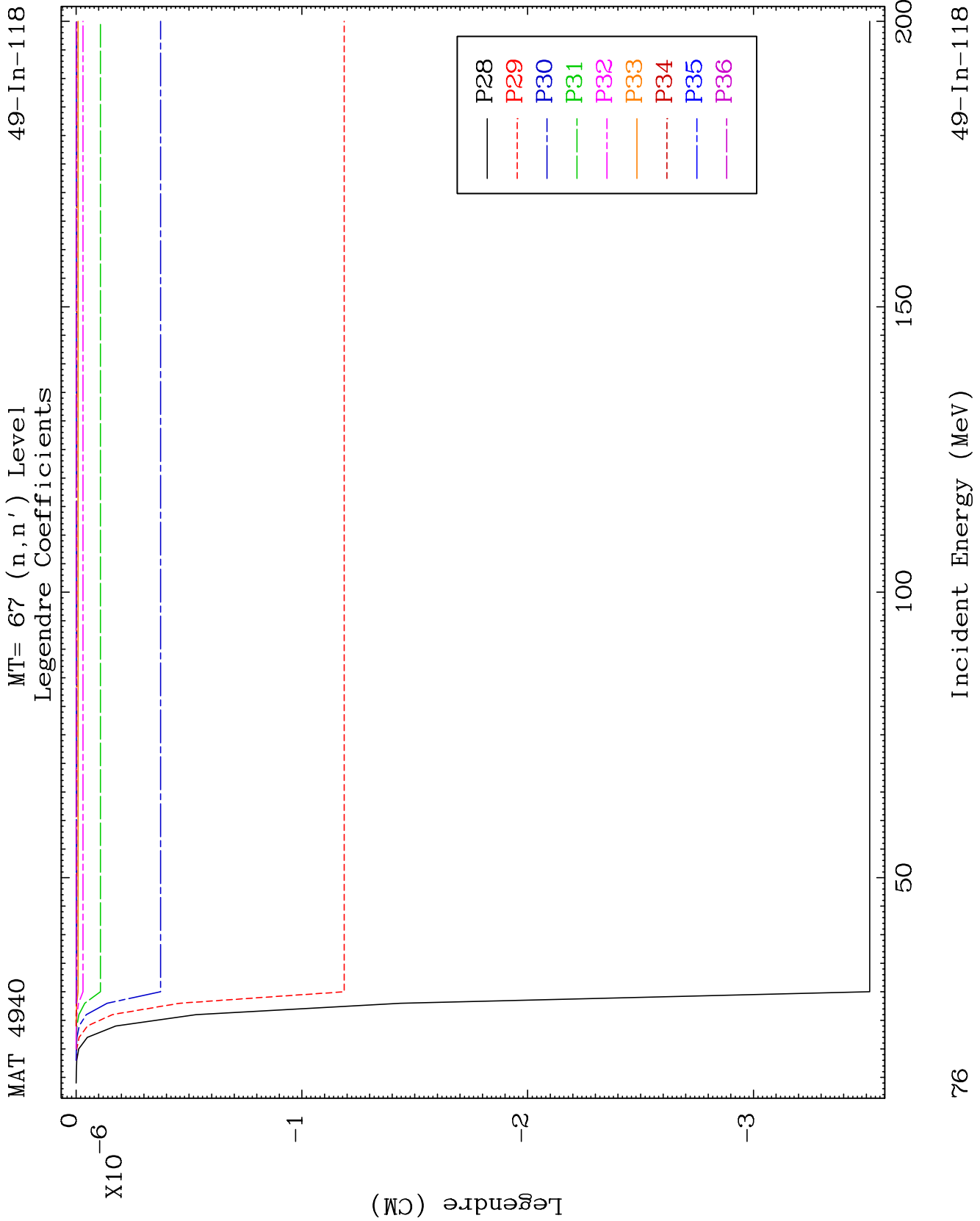
Legendre Coefficients

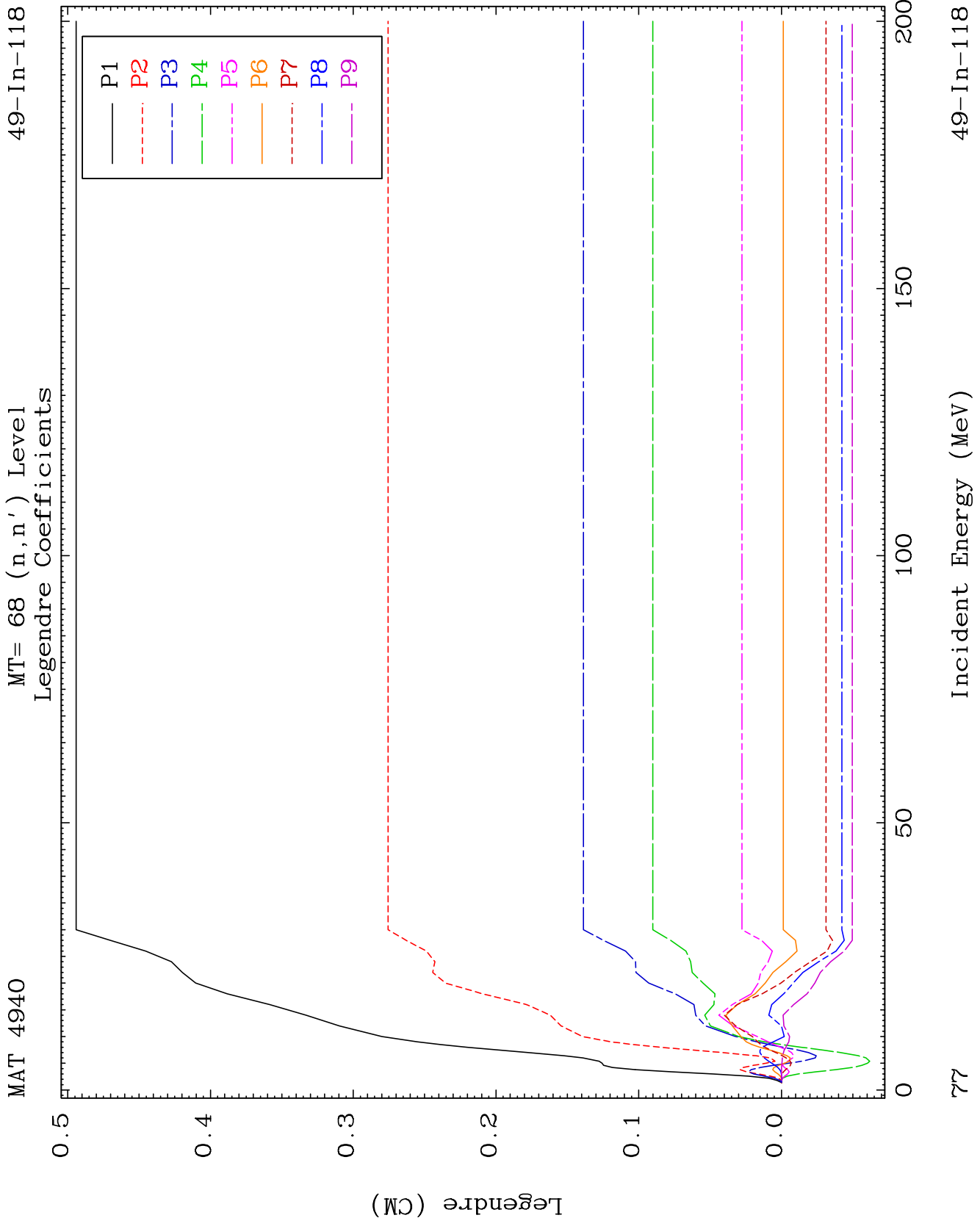


49-In-118

Incident Energy (MeV)

75

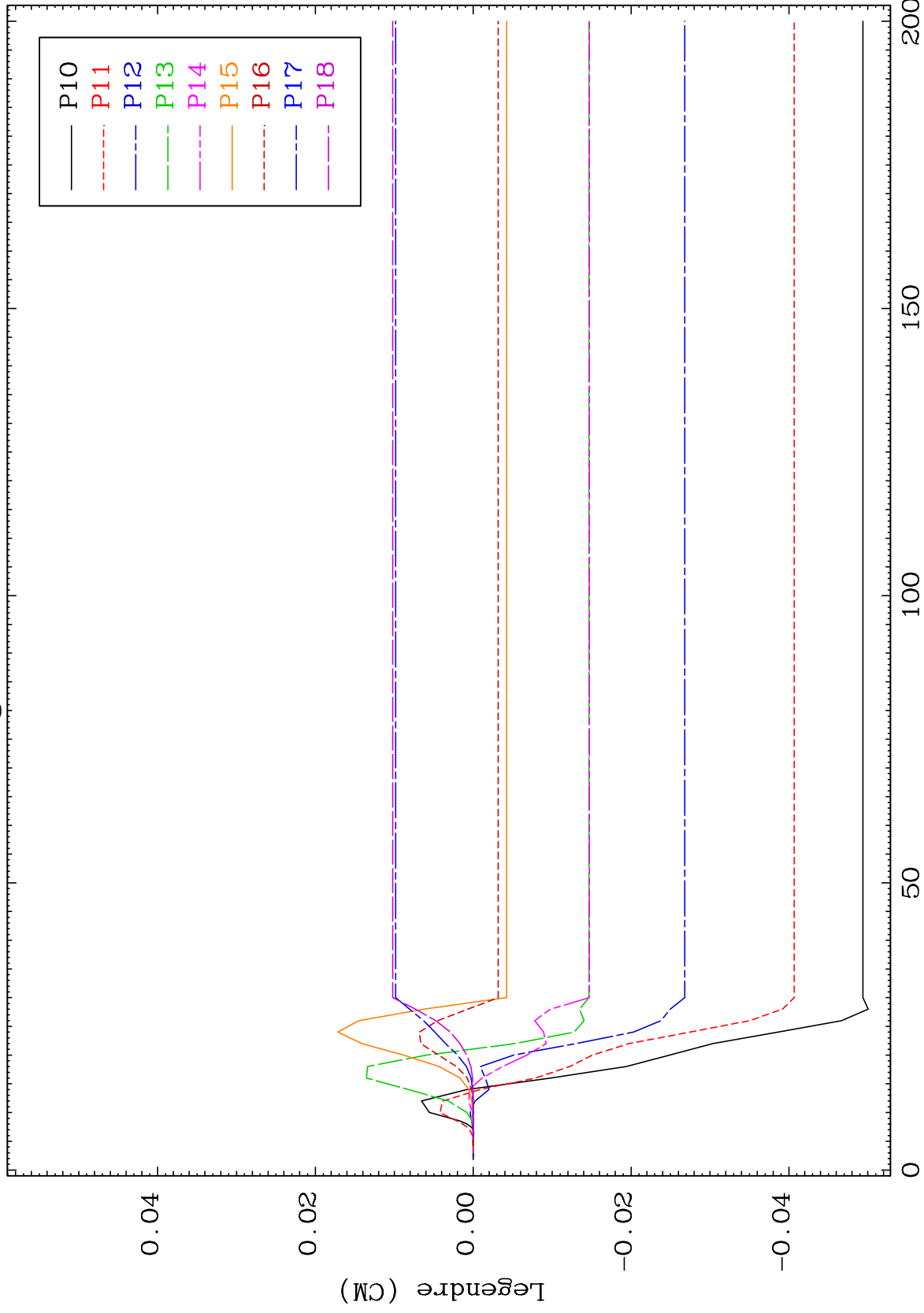




MAT 4940

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

49-In-118



78

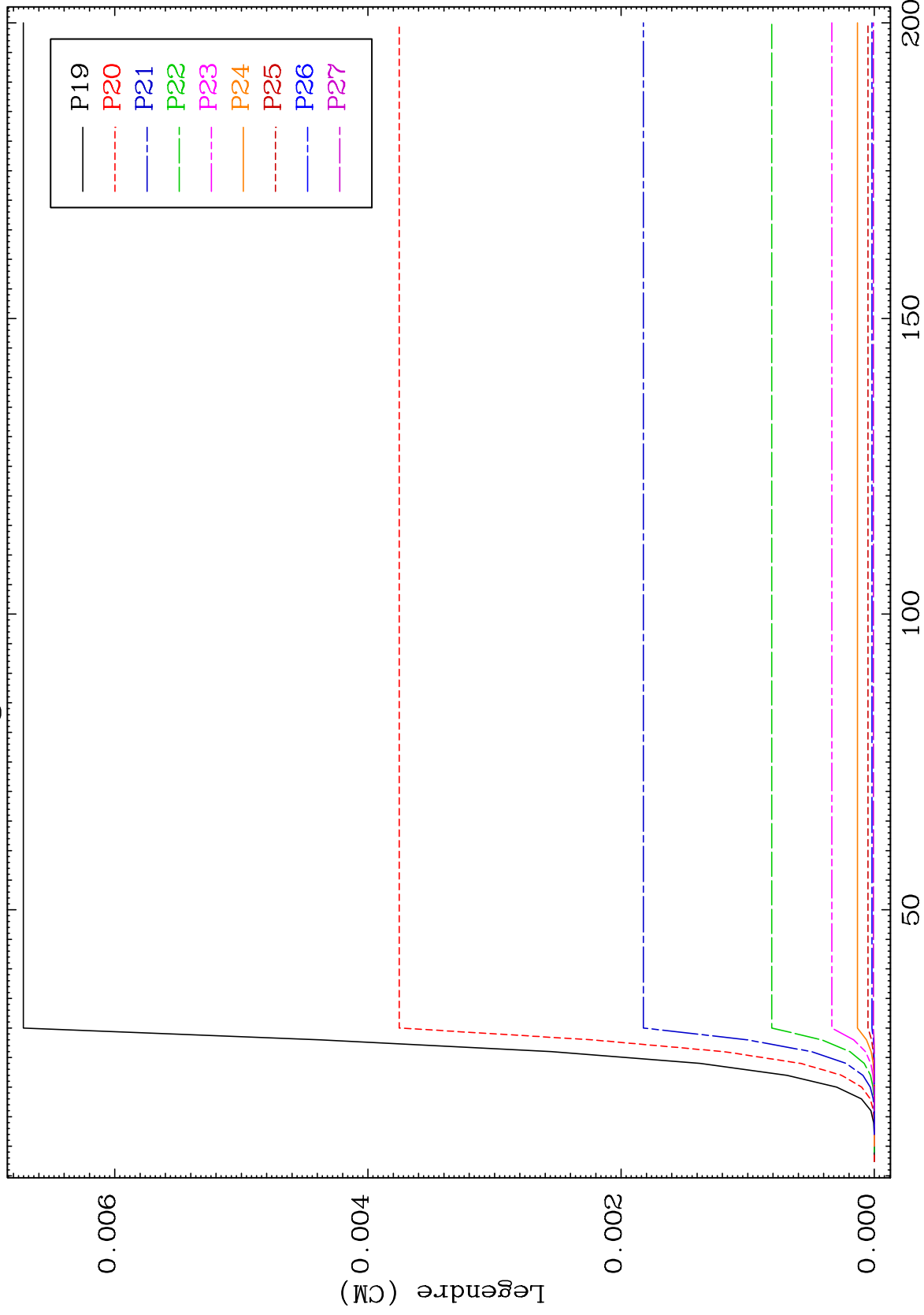
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



79

Incident Energy (MeV)

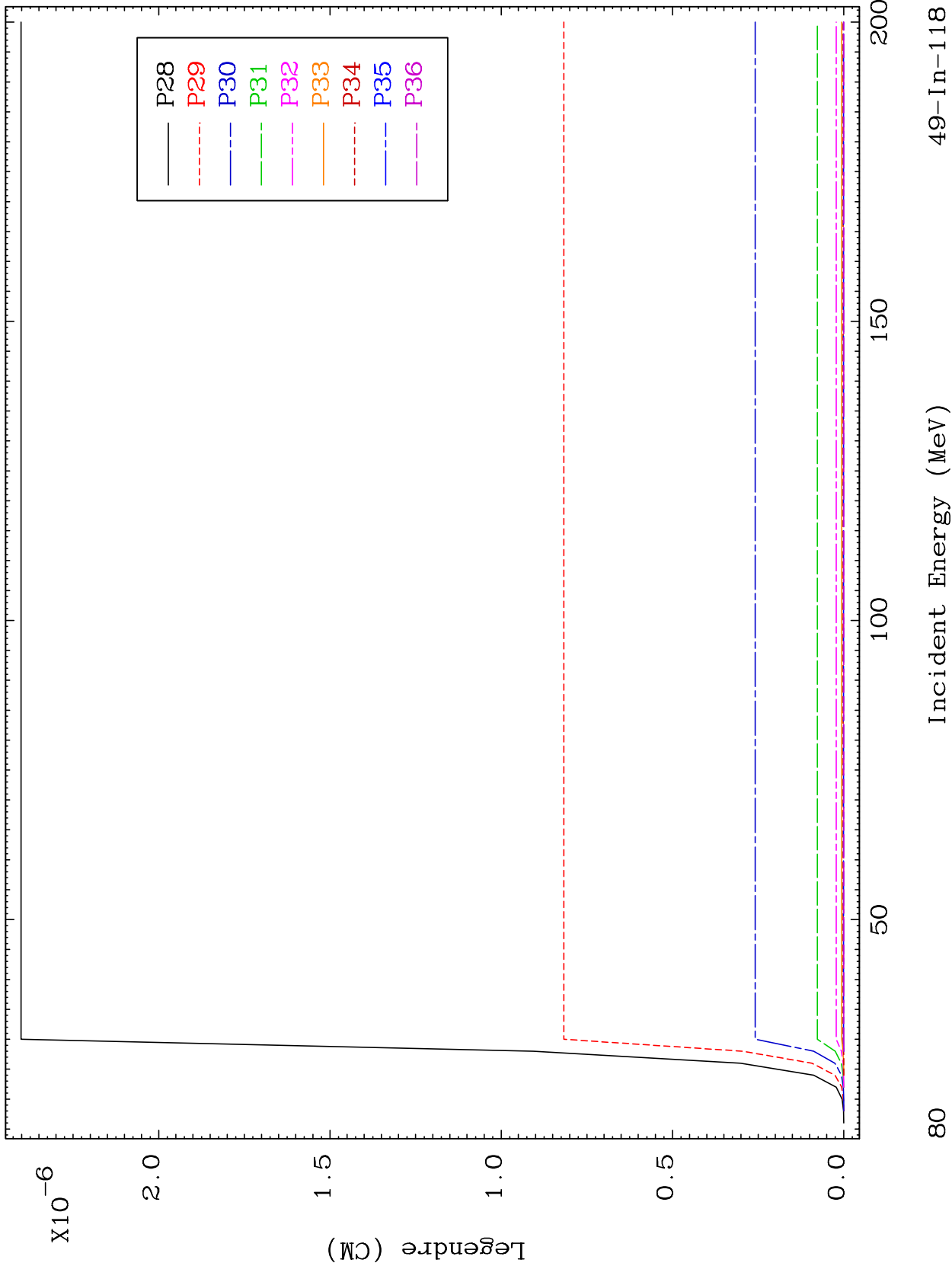
49-In-118



MAT 4940

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

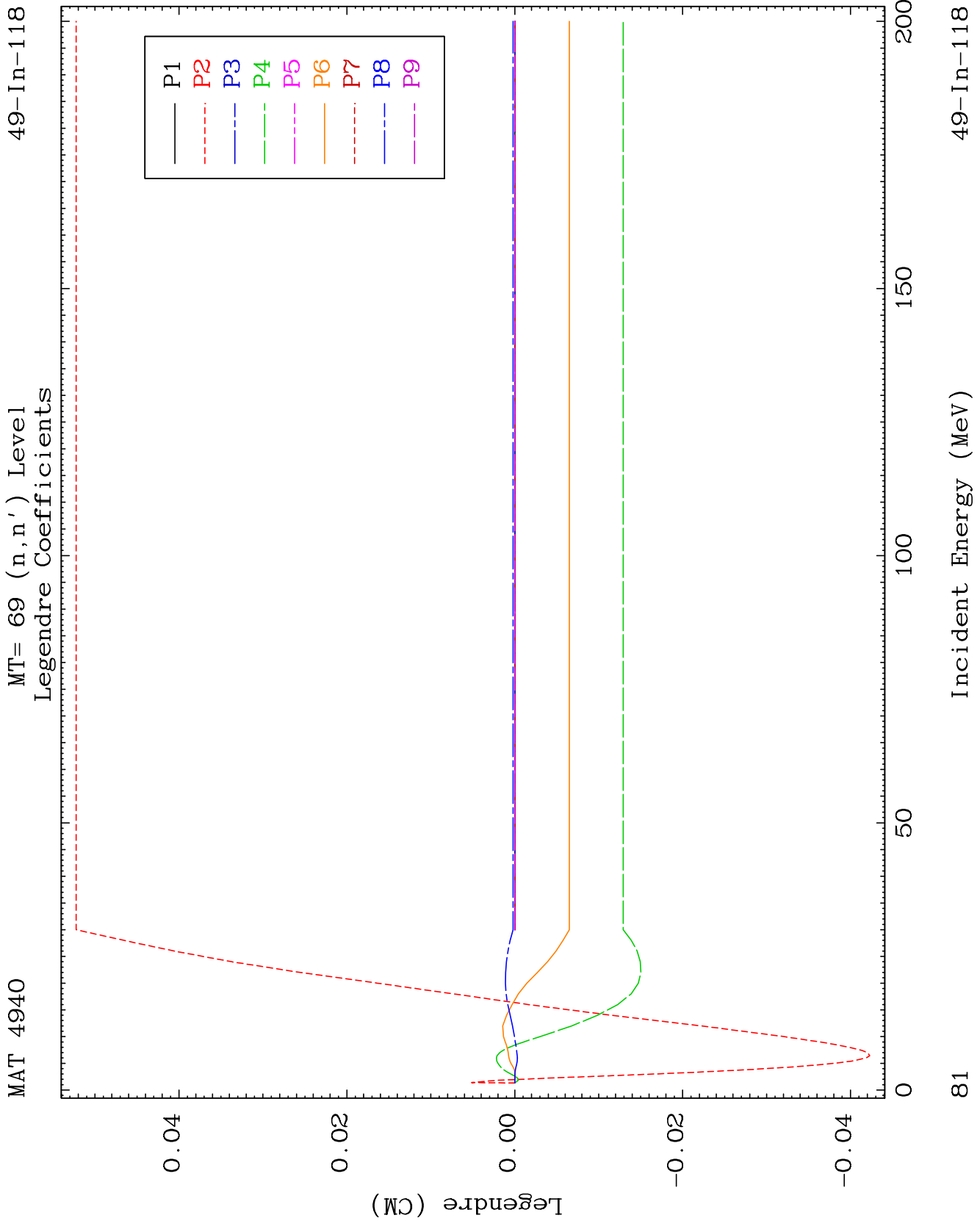
49-In-118



49-In-118

Incident Energy (MeV)

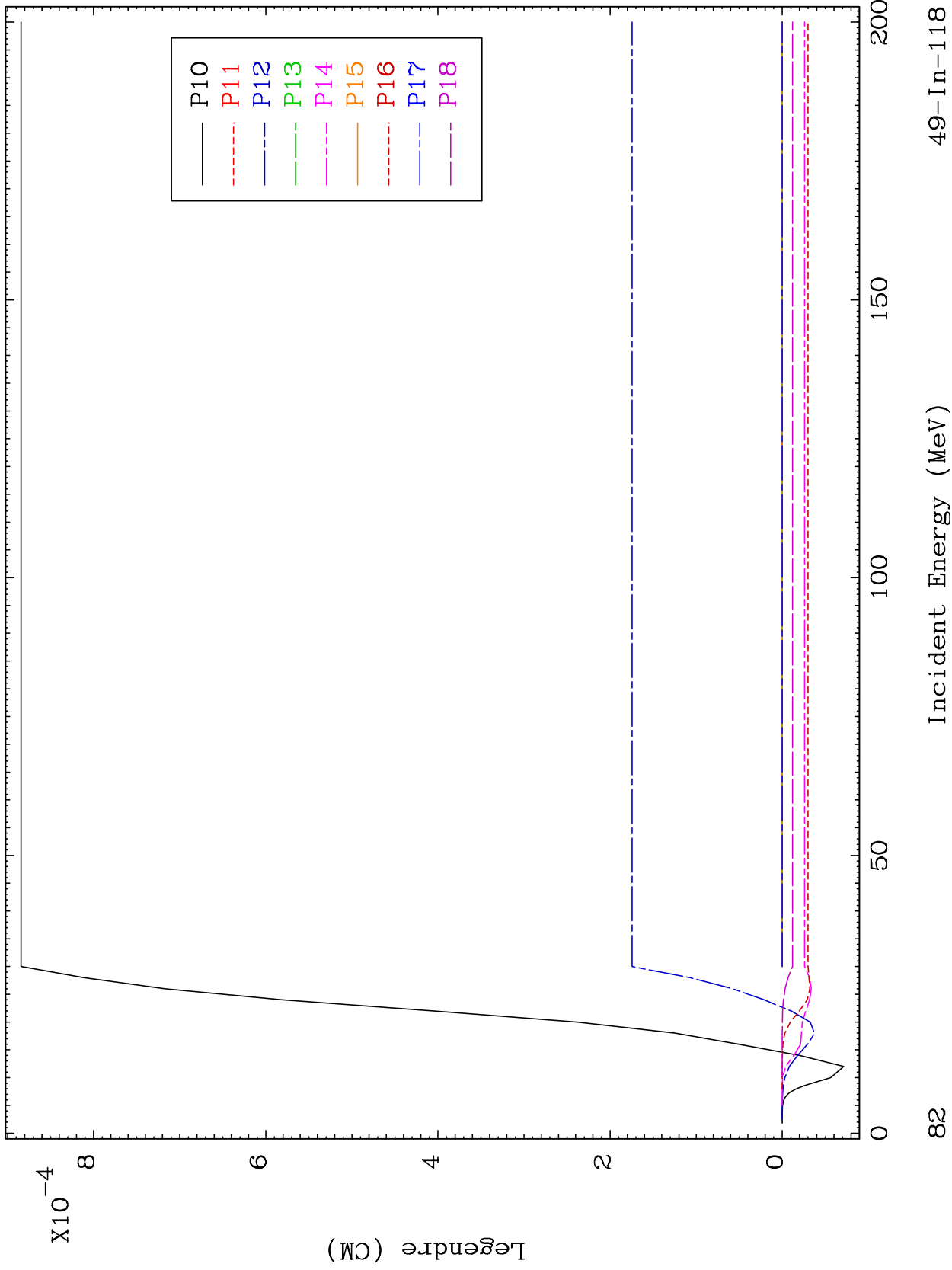
80



MAT 4940

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

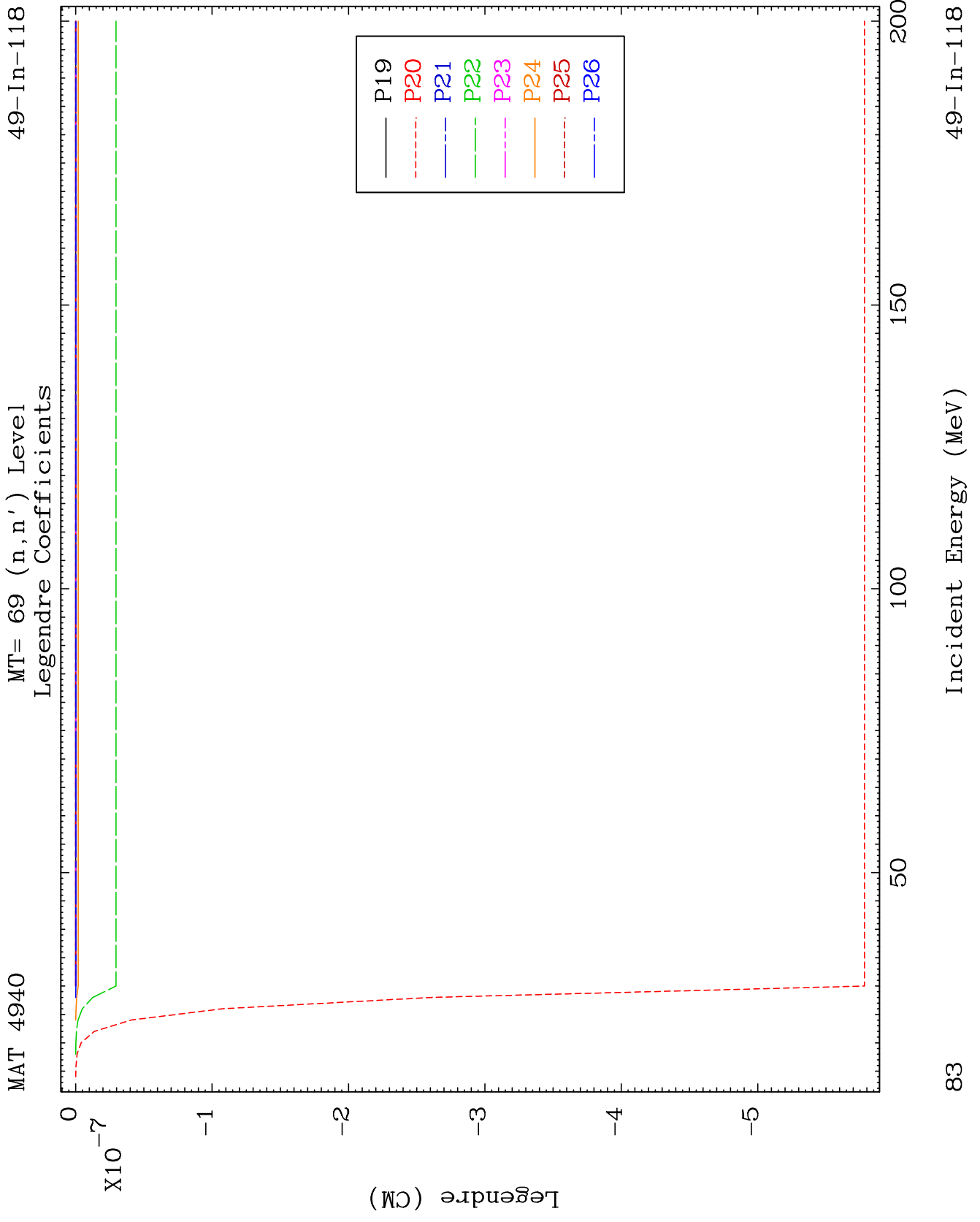
49-In-118

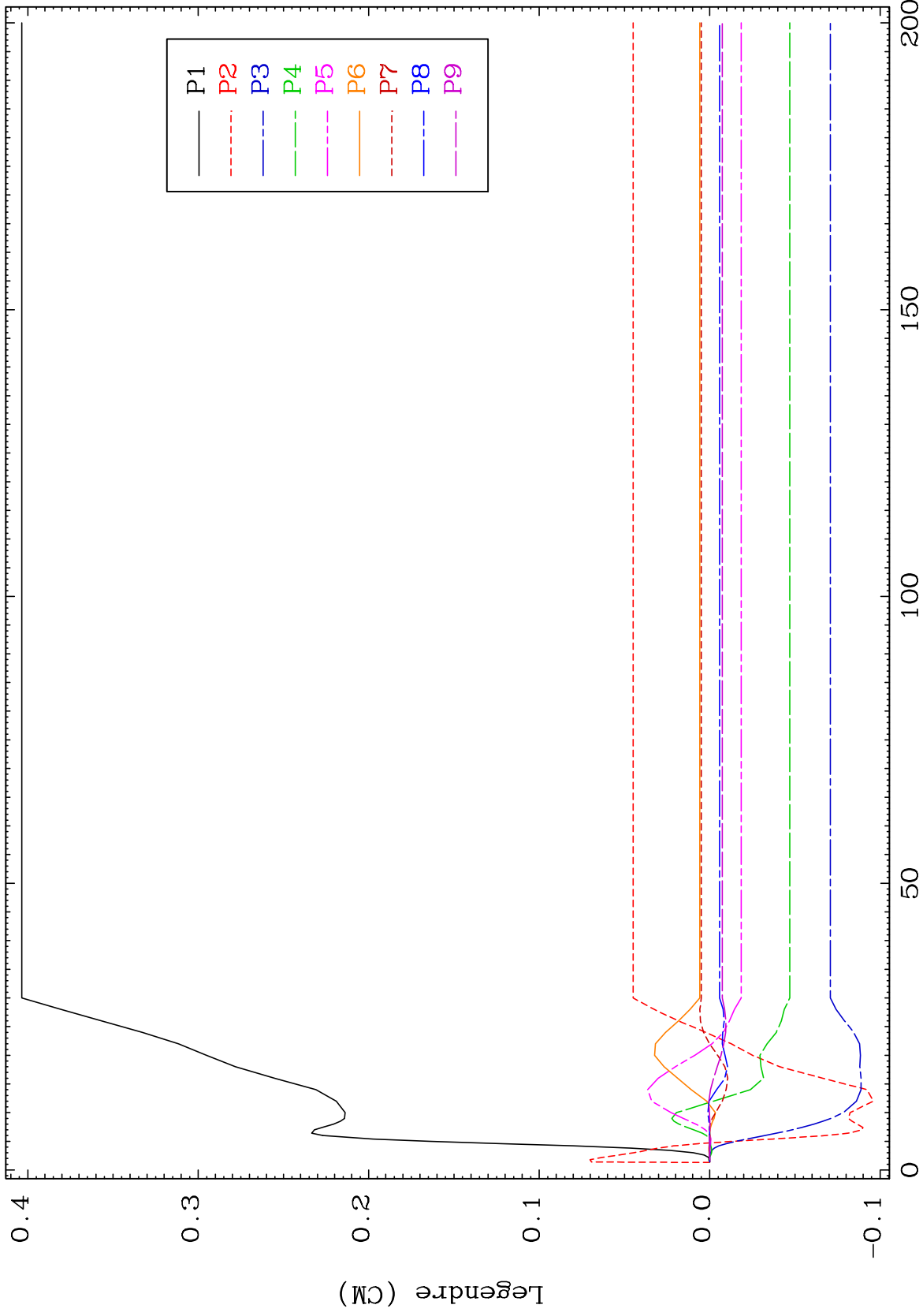


49-In-118

Incident Energy (MeV)

82

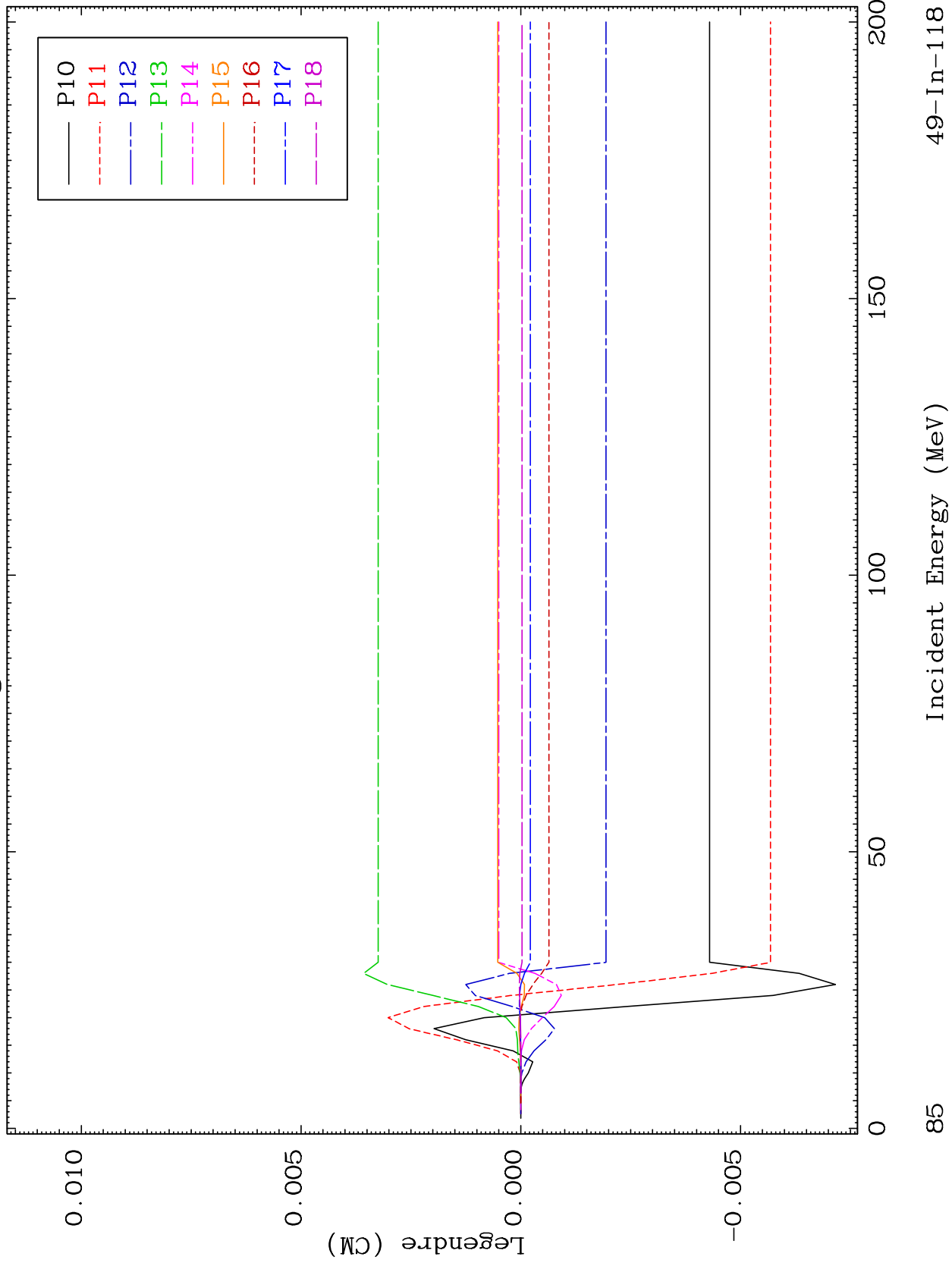




MAT 4940

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

49-In-118



49-In-118

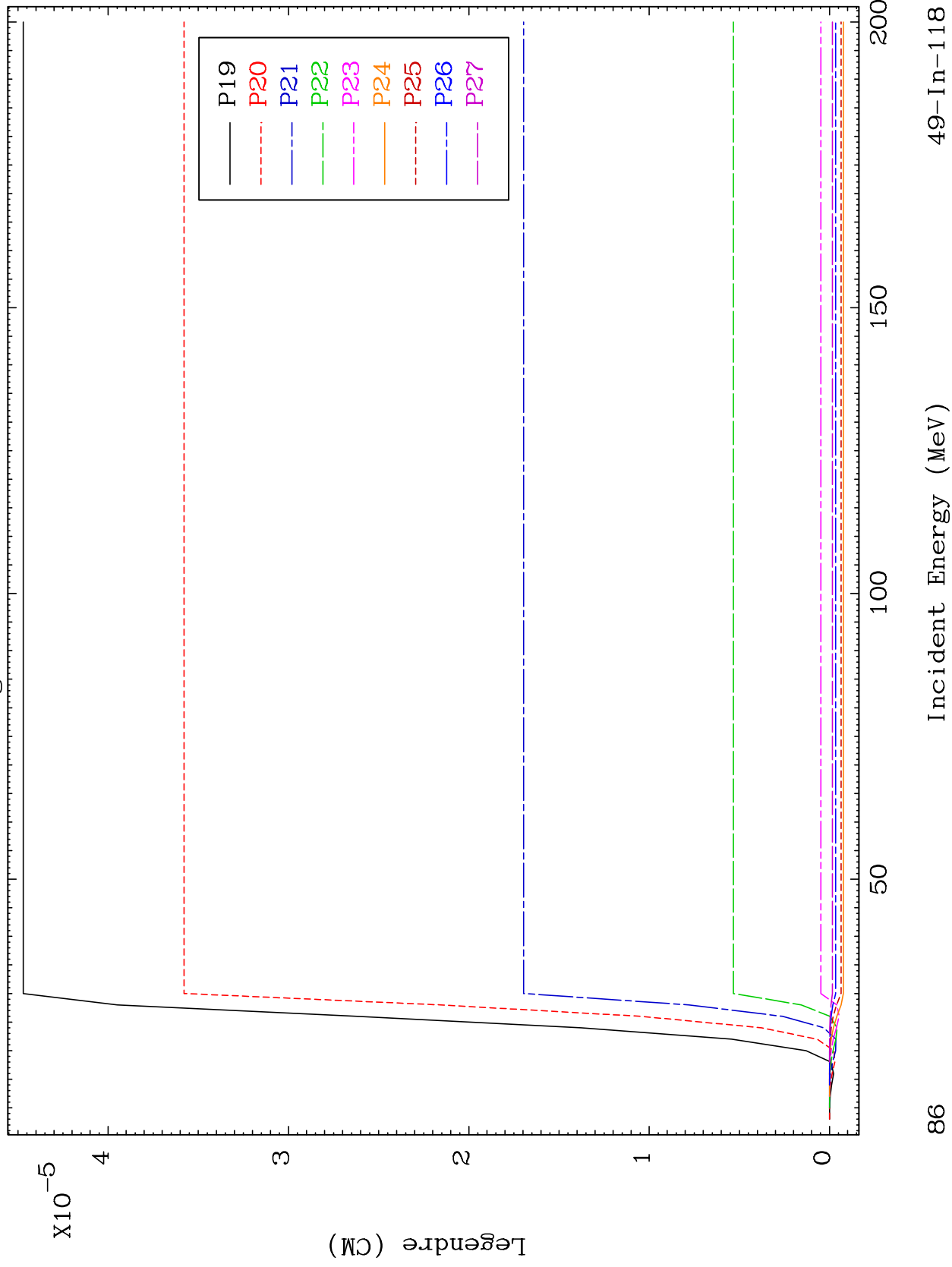
Incident Energy (MeV)

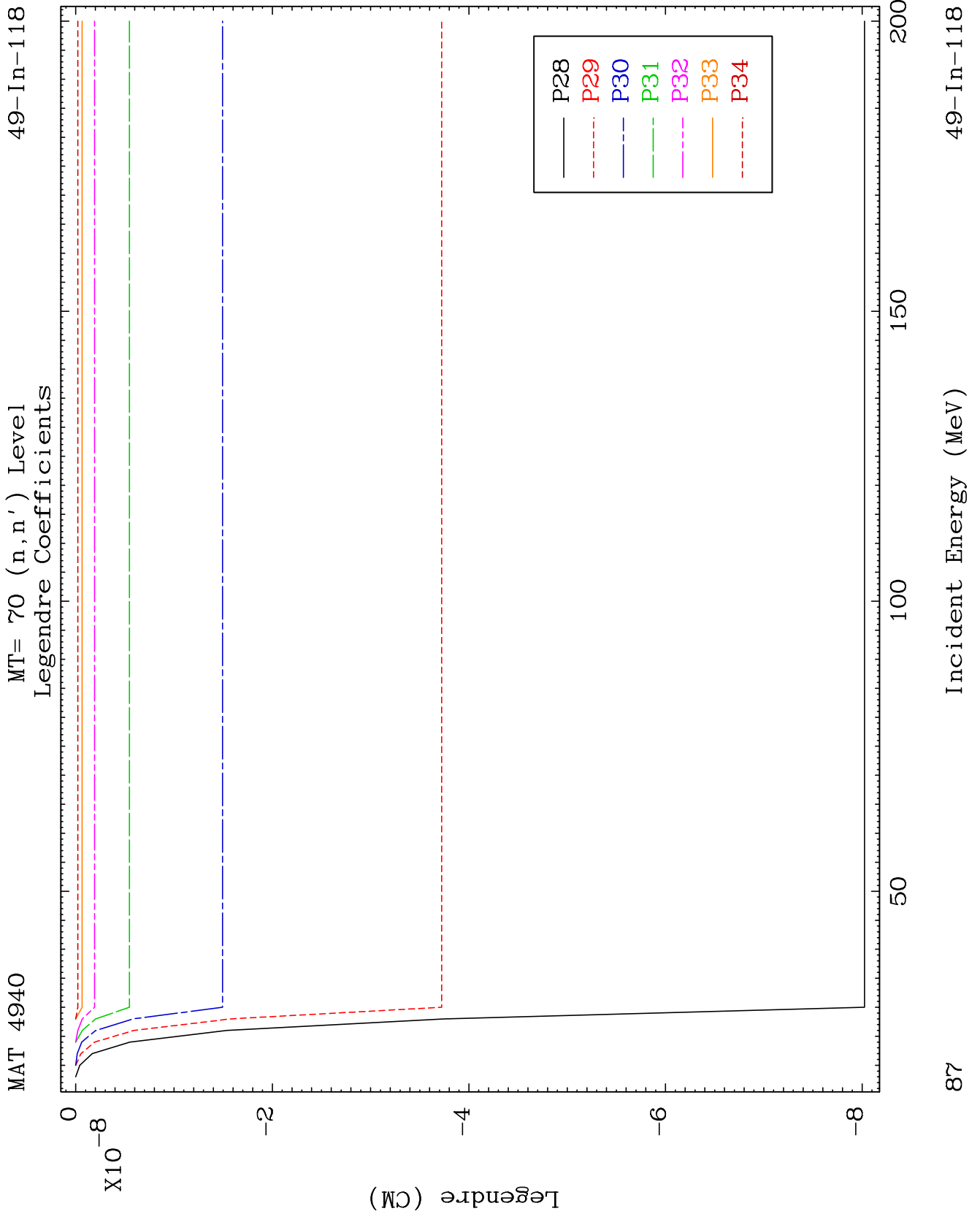
85

MAT 4940

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

49-In-118



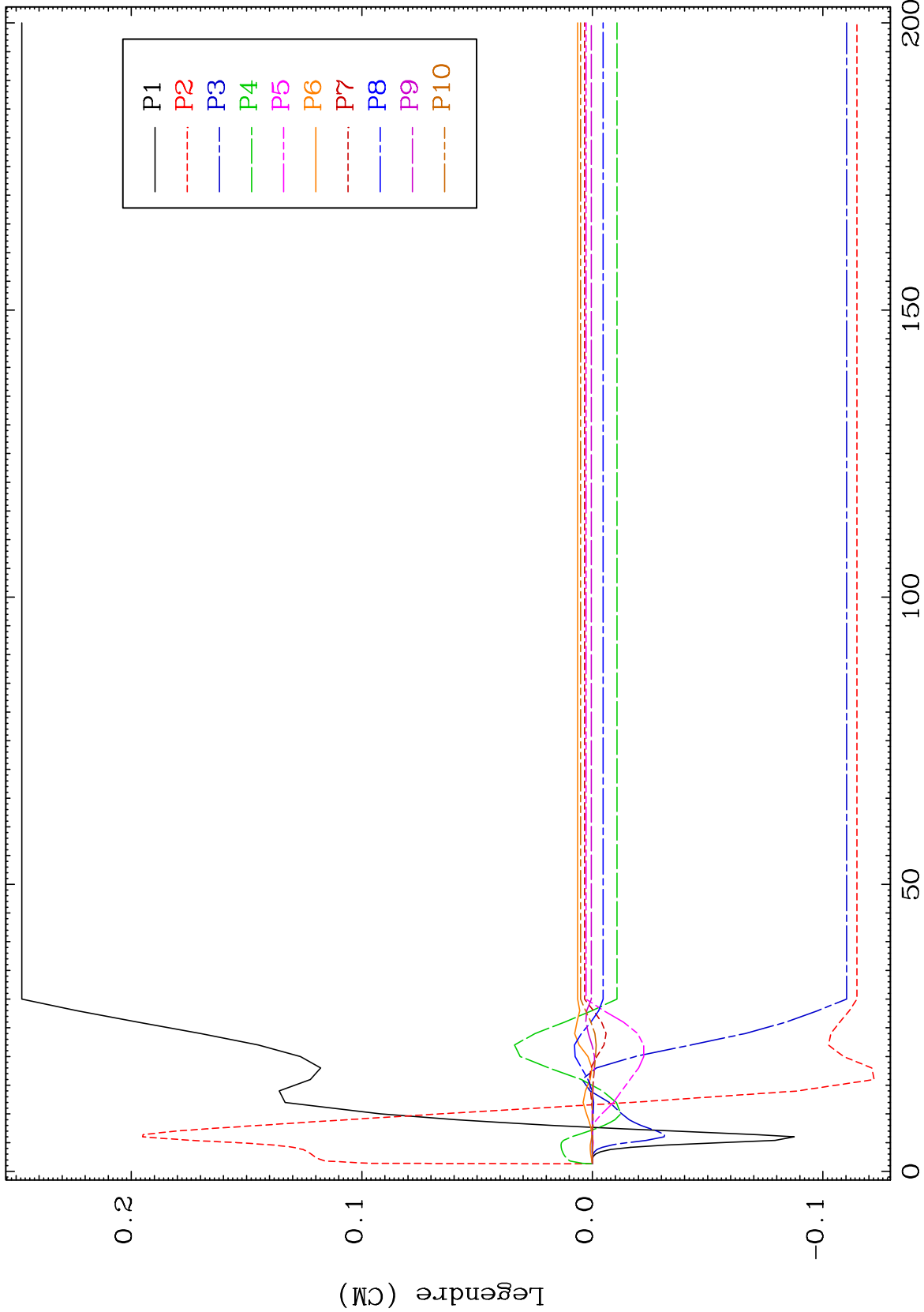




MAT 4940

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

49-In-118



88

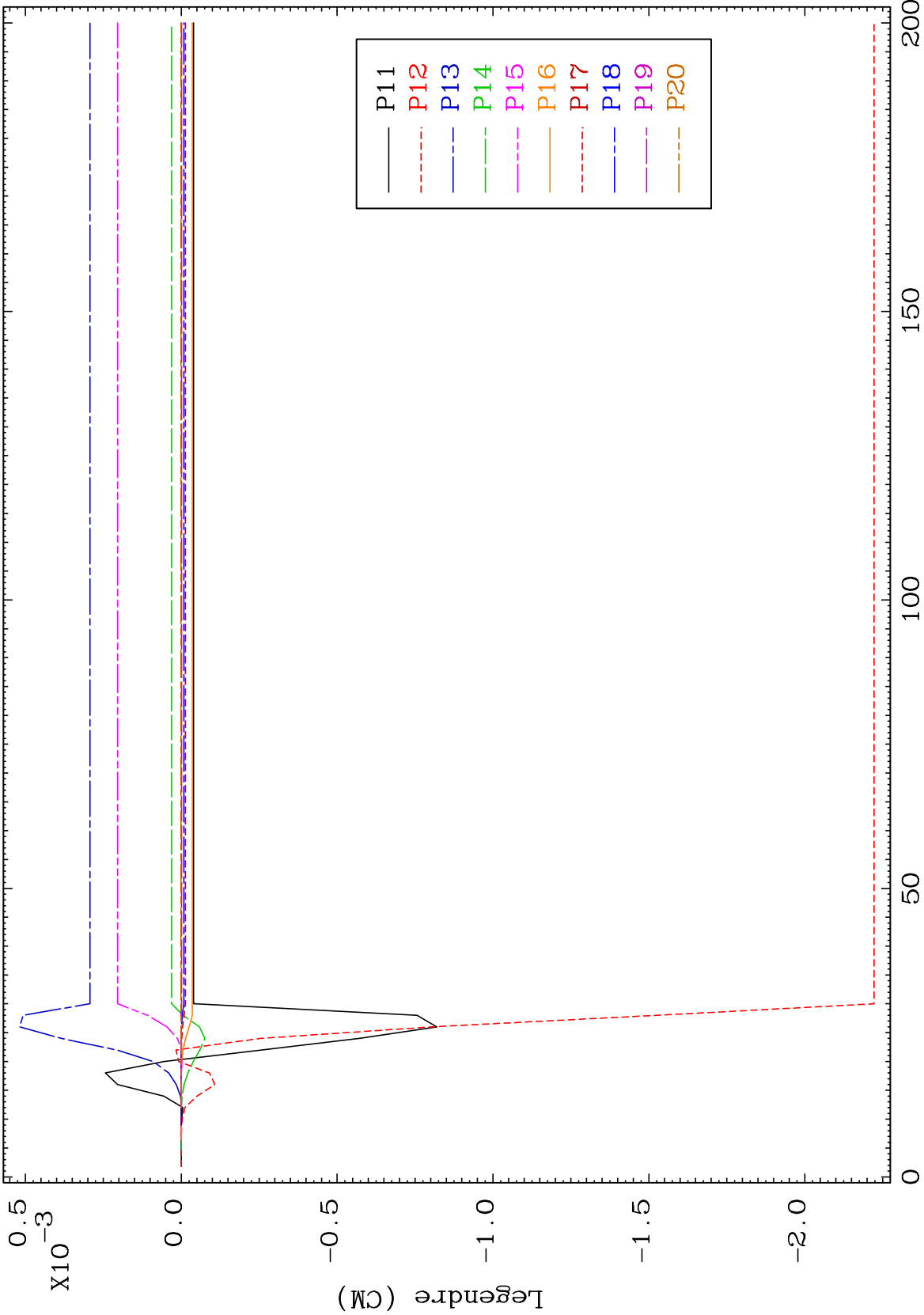
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



89

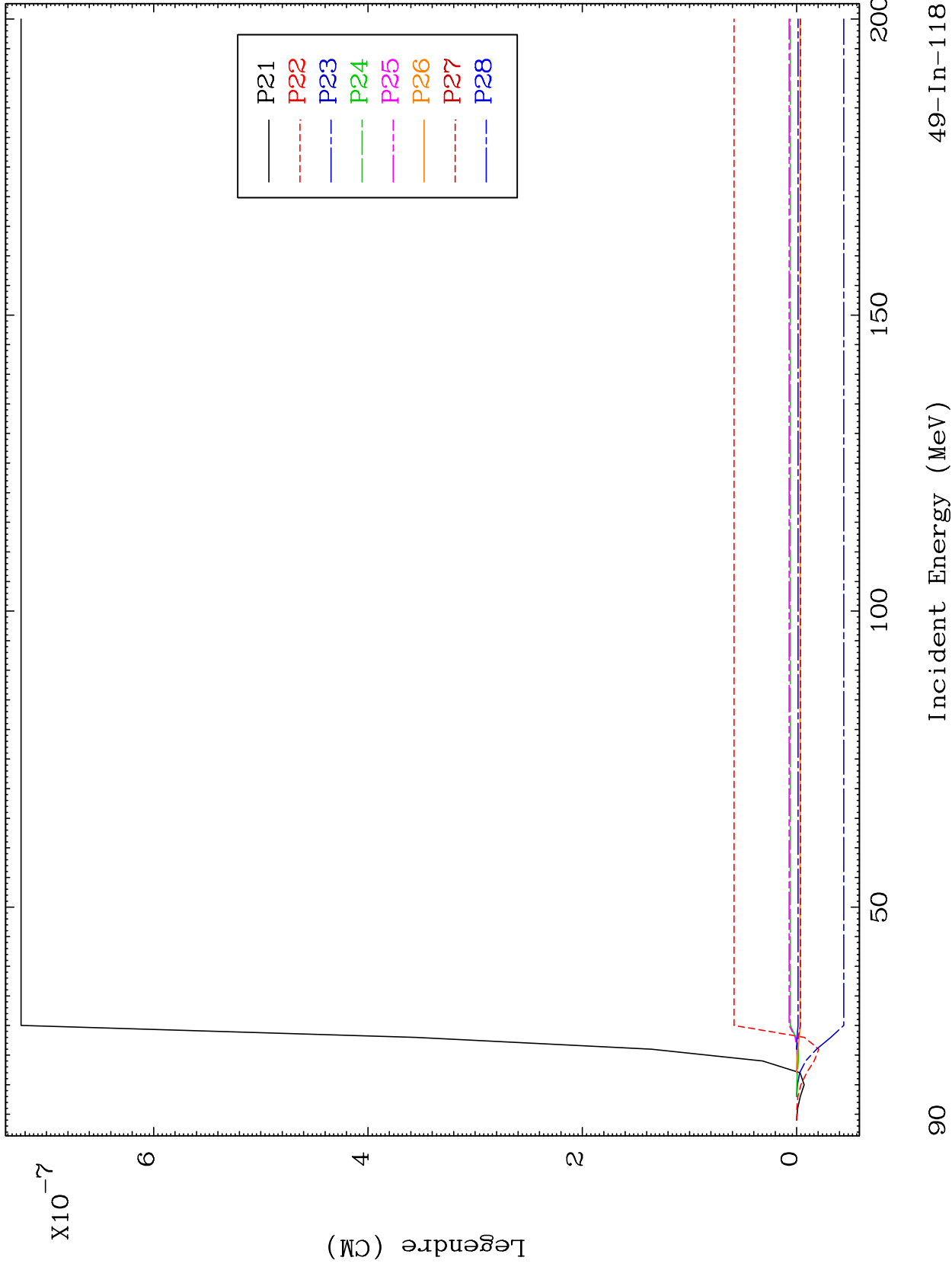
Incident Energy (MeV)

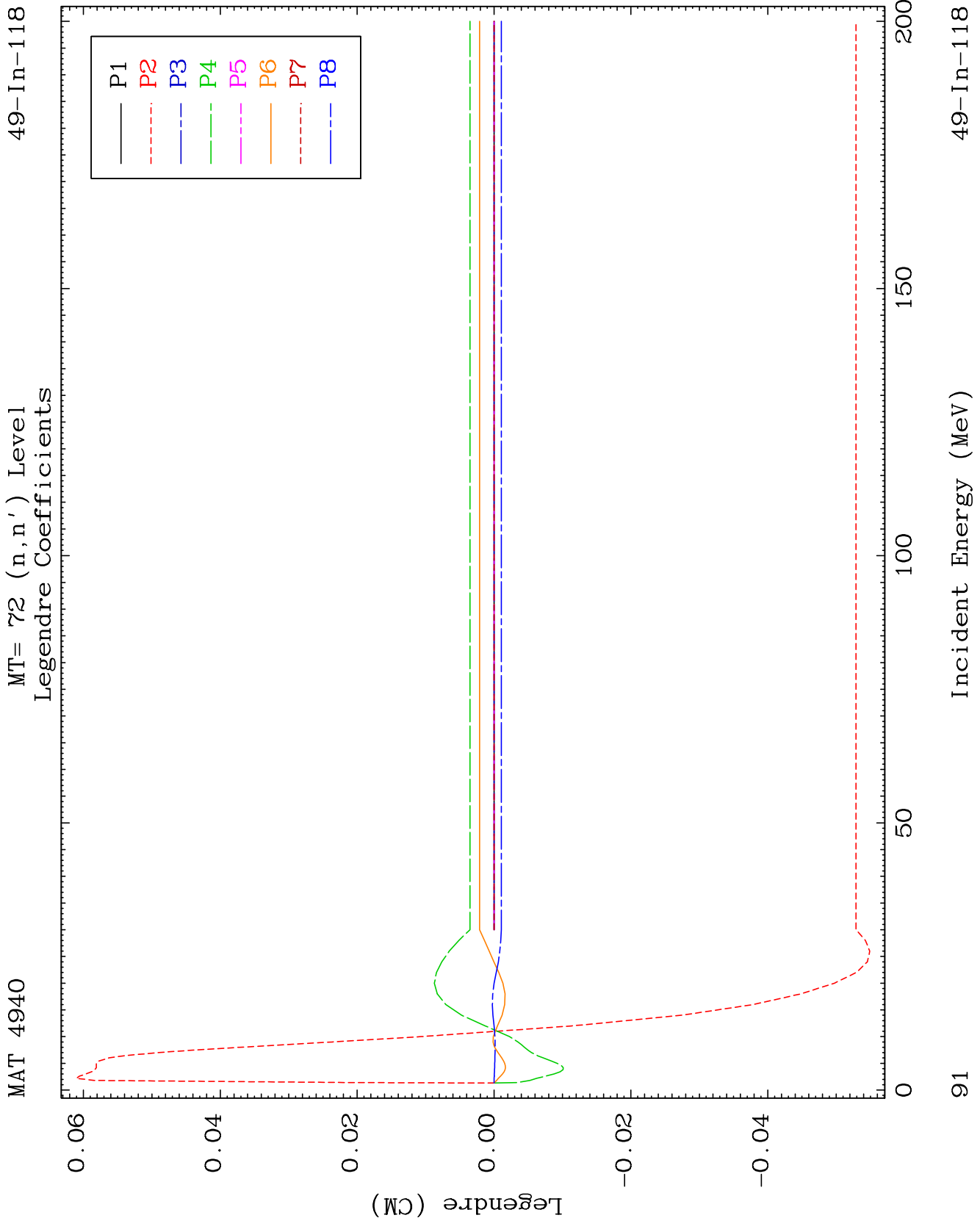
49-In-118

MAT 4940

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

49-In-118

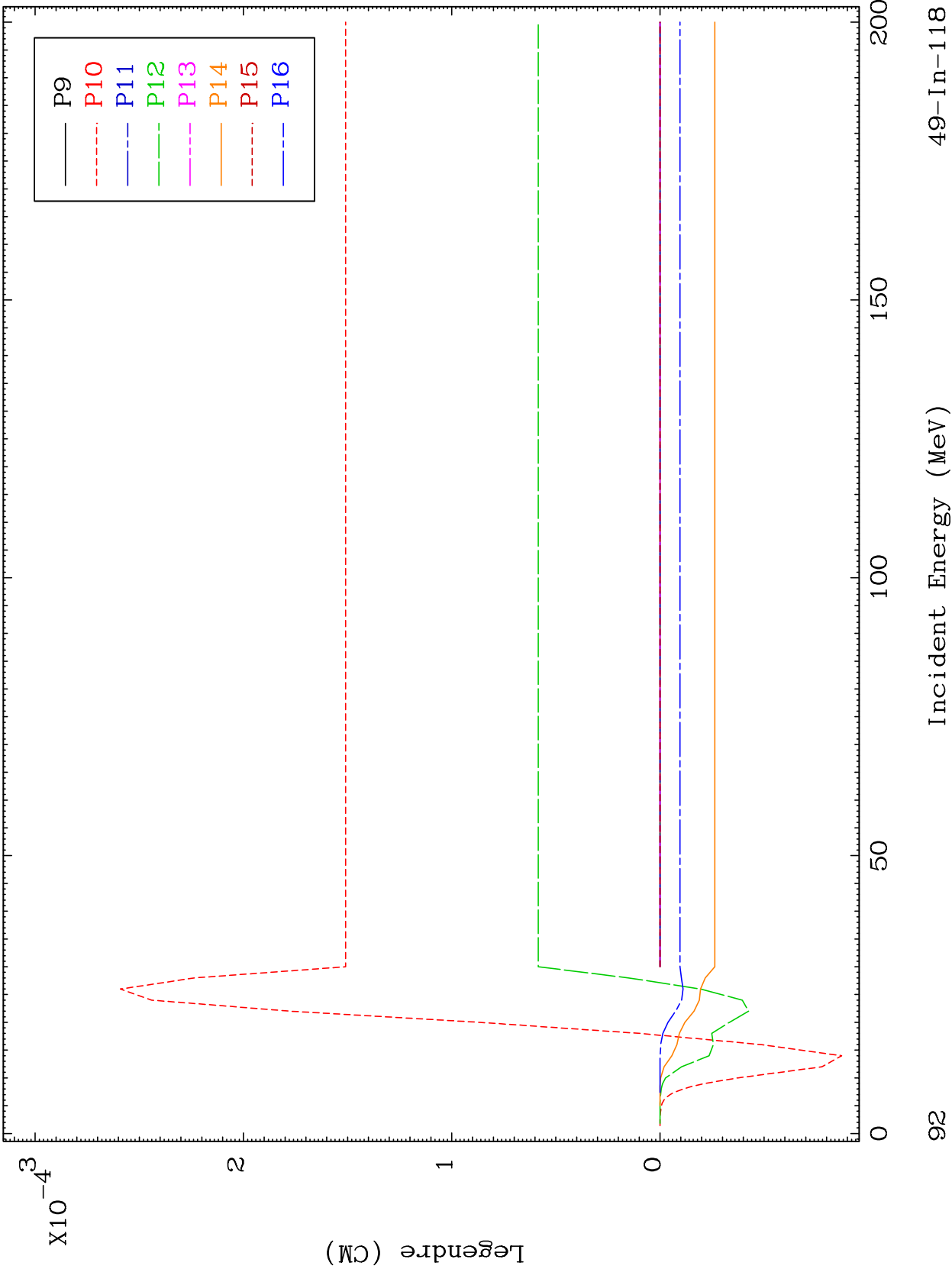




MAT 4940

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

49-In-118



49-In-118

Incident Energy (MeV)

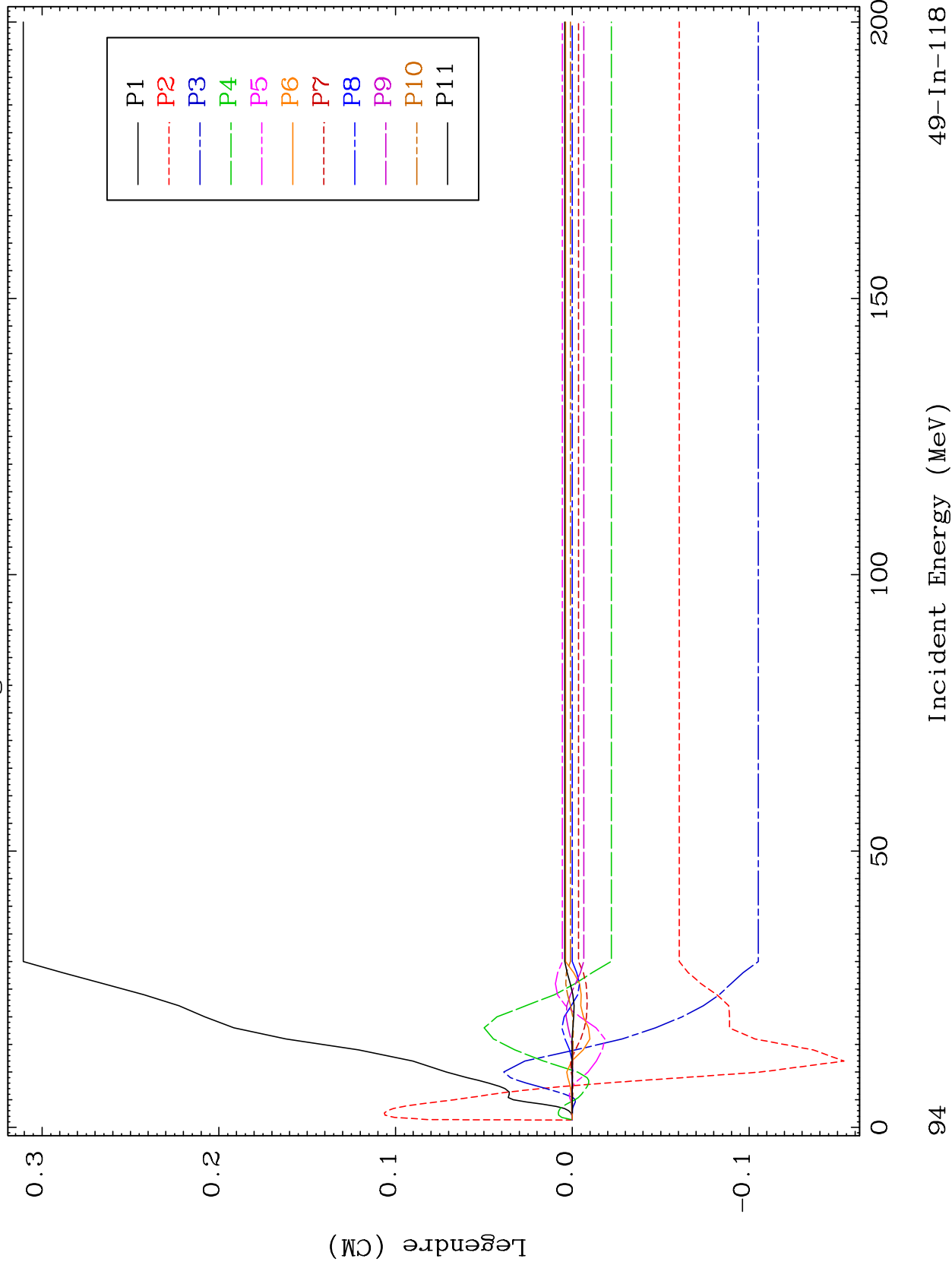
92



MAT 4940

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

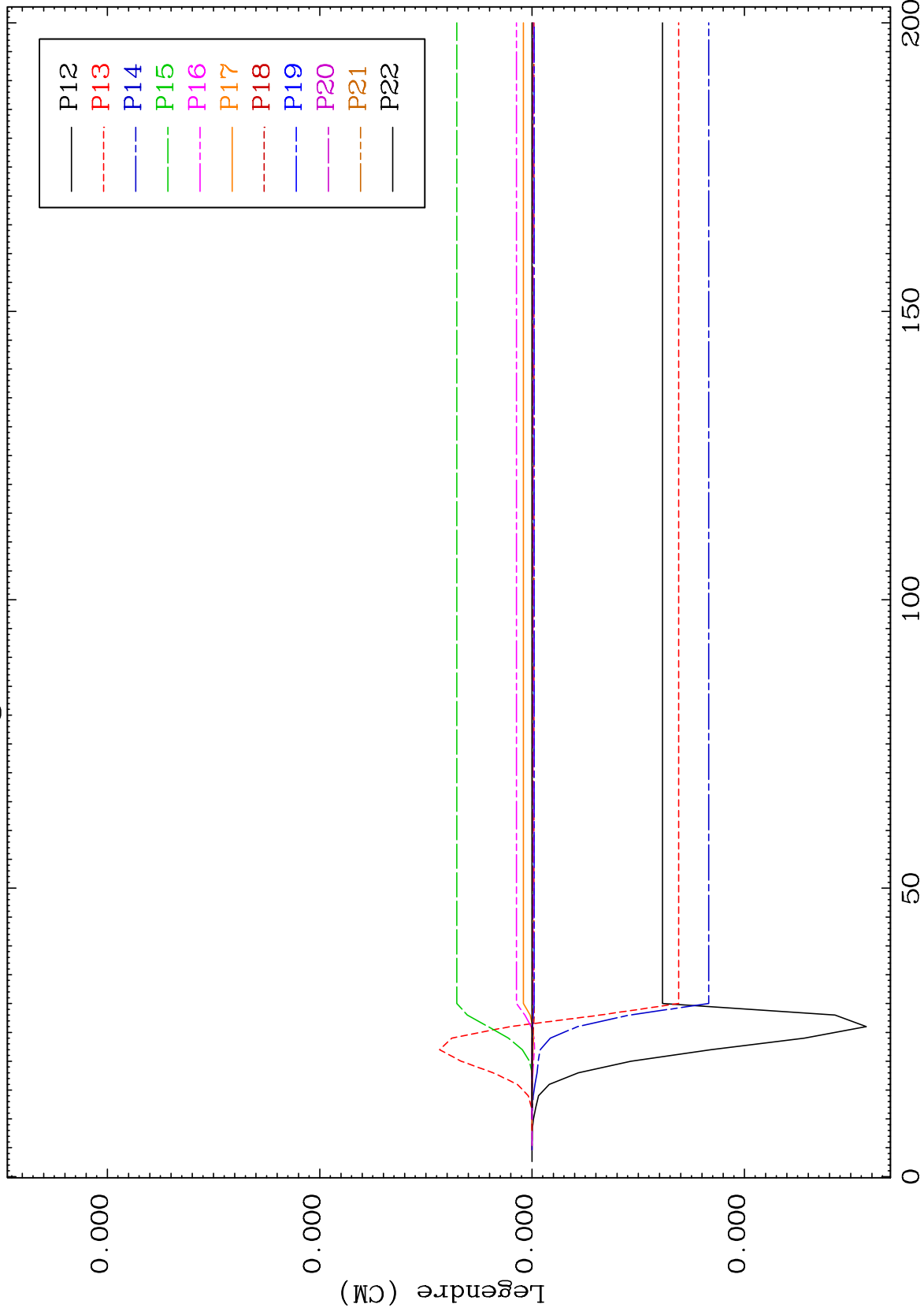
49-In-118



MAT 4940

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

49-In-118



95

Incident Energy (MeV)

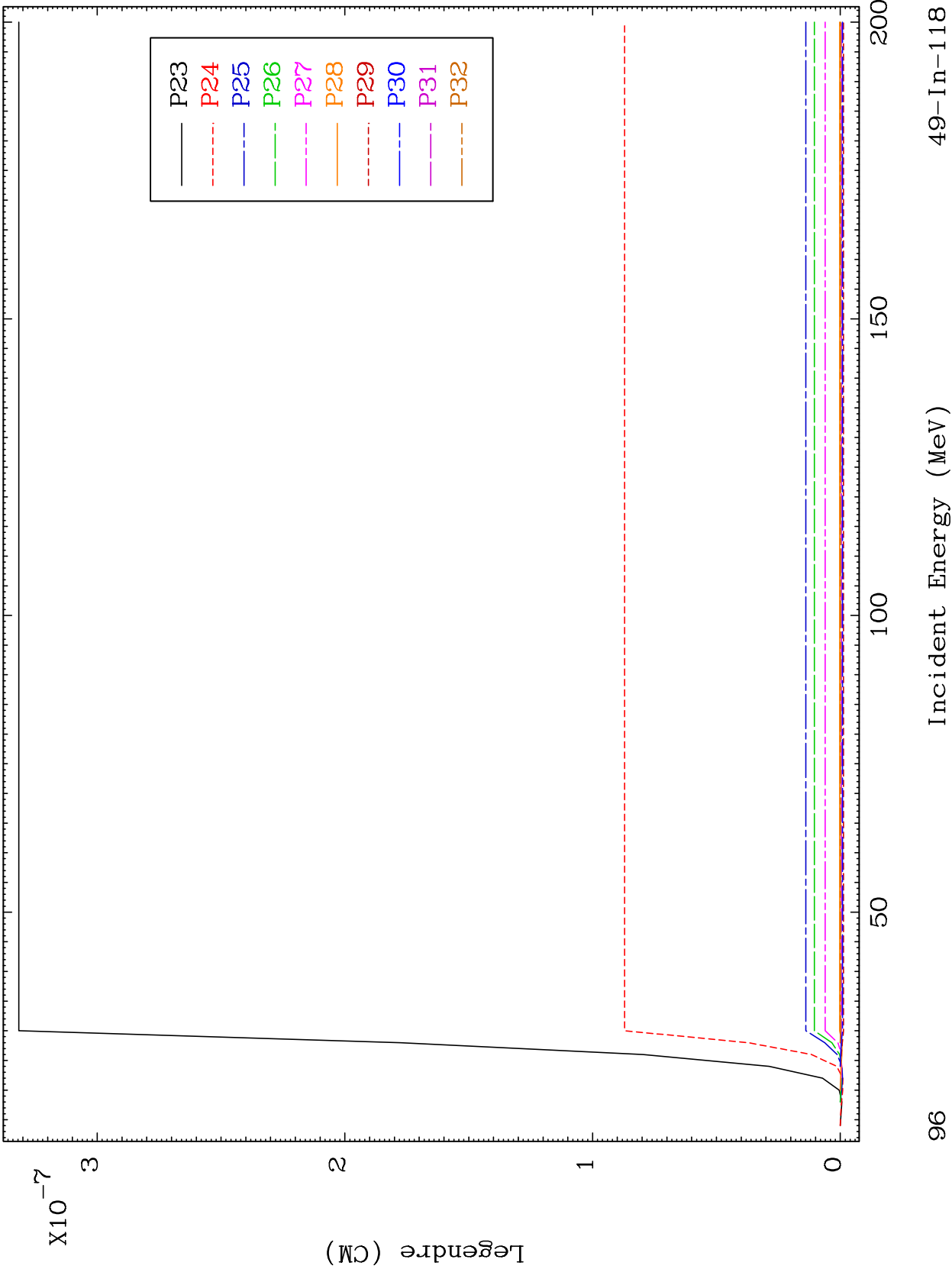
49-In-118



MAT 4940

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

49-In-118



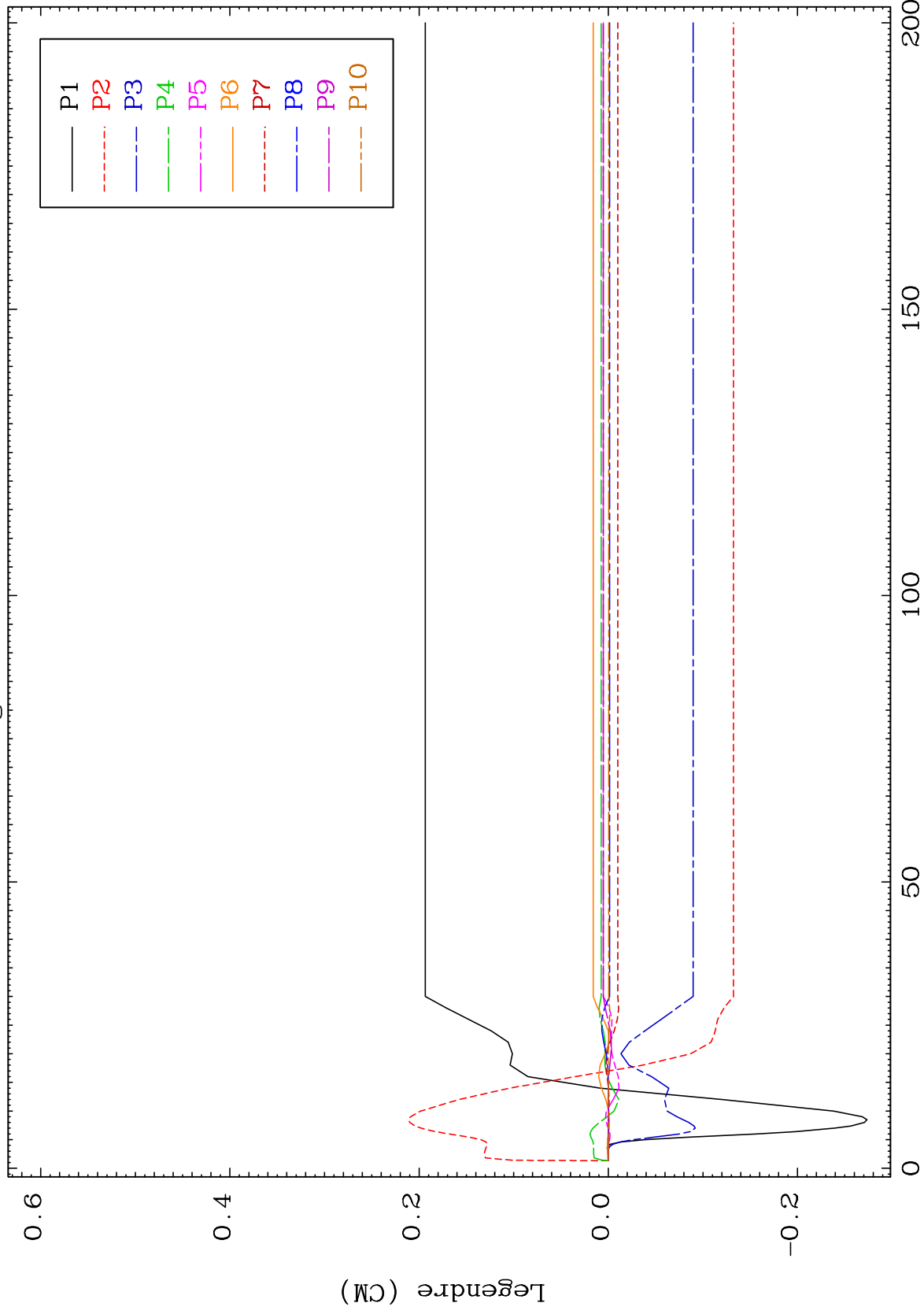
96

49-In-118

MAT 4940

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

49-In-118



97

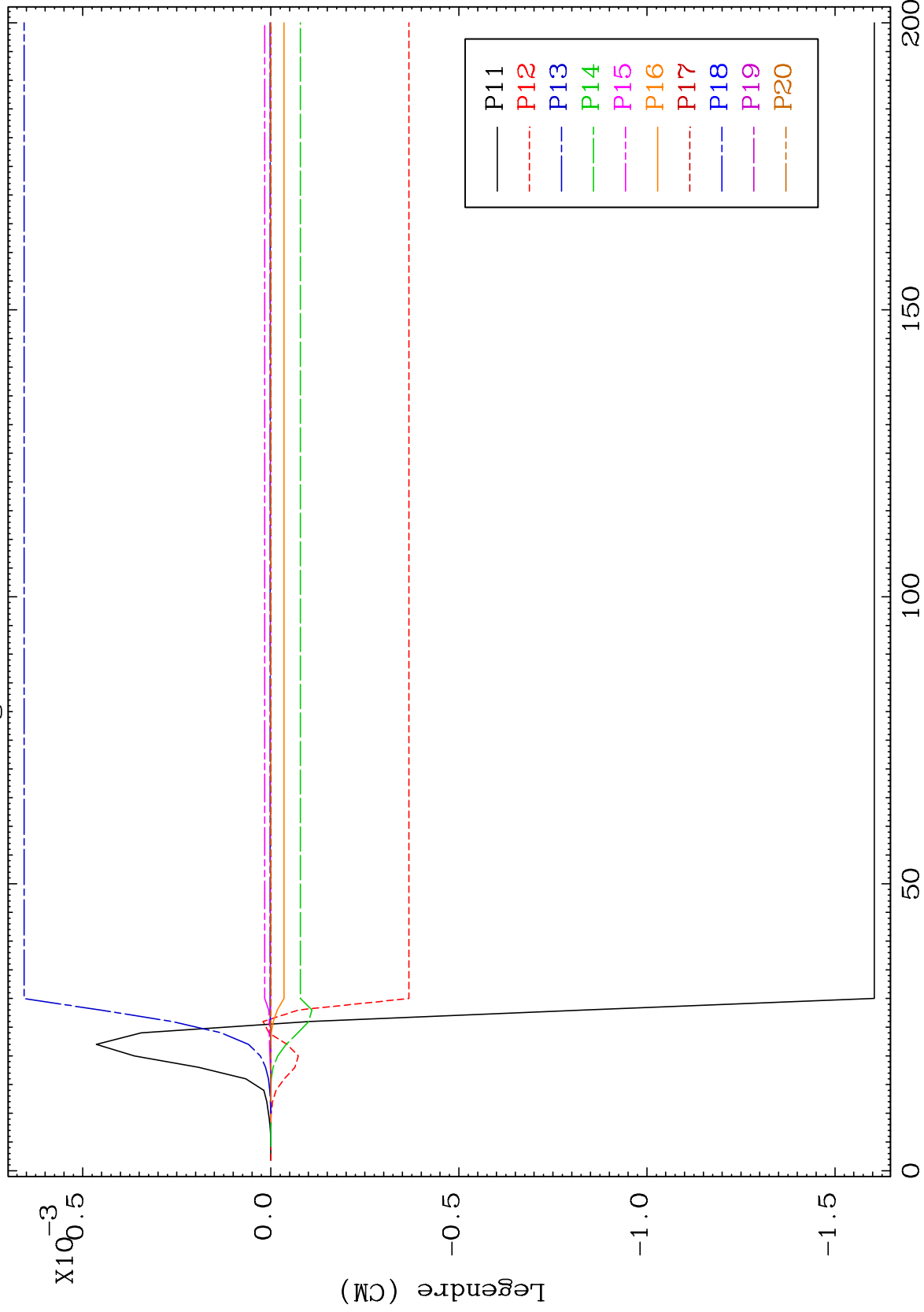
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



98

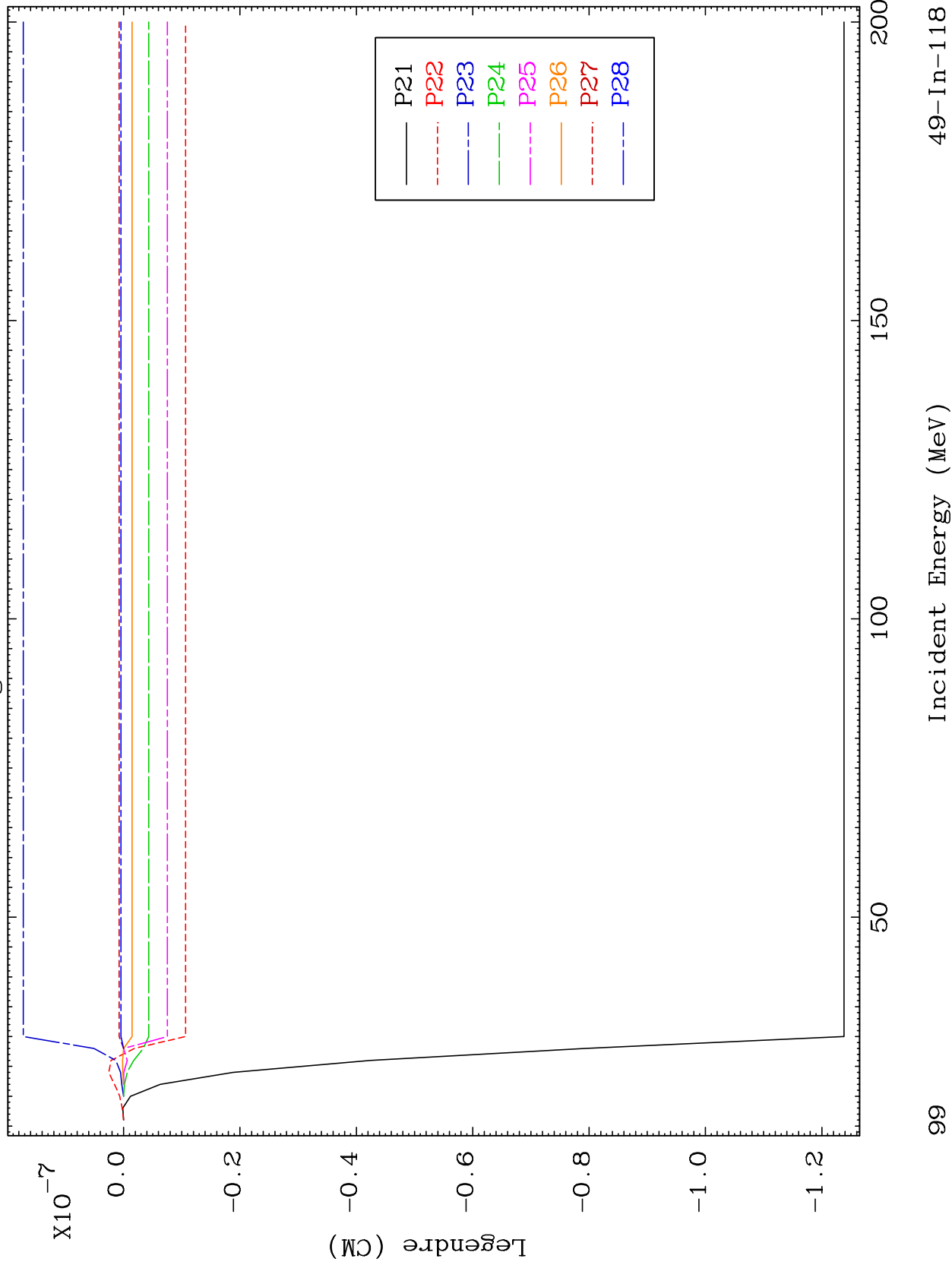
Incident Energy (MeV)

49-In-118

MAT 4940

49-In-118

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



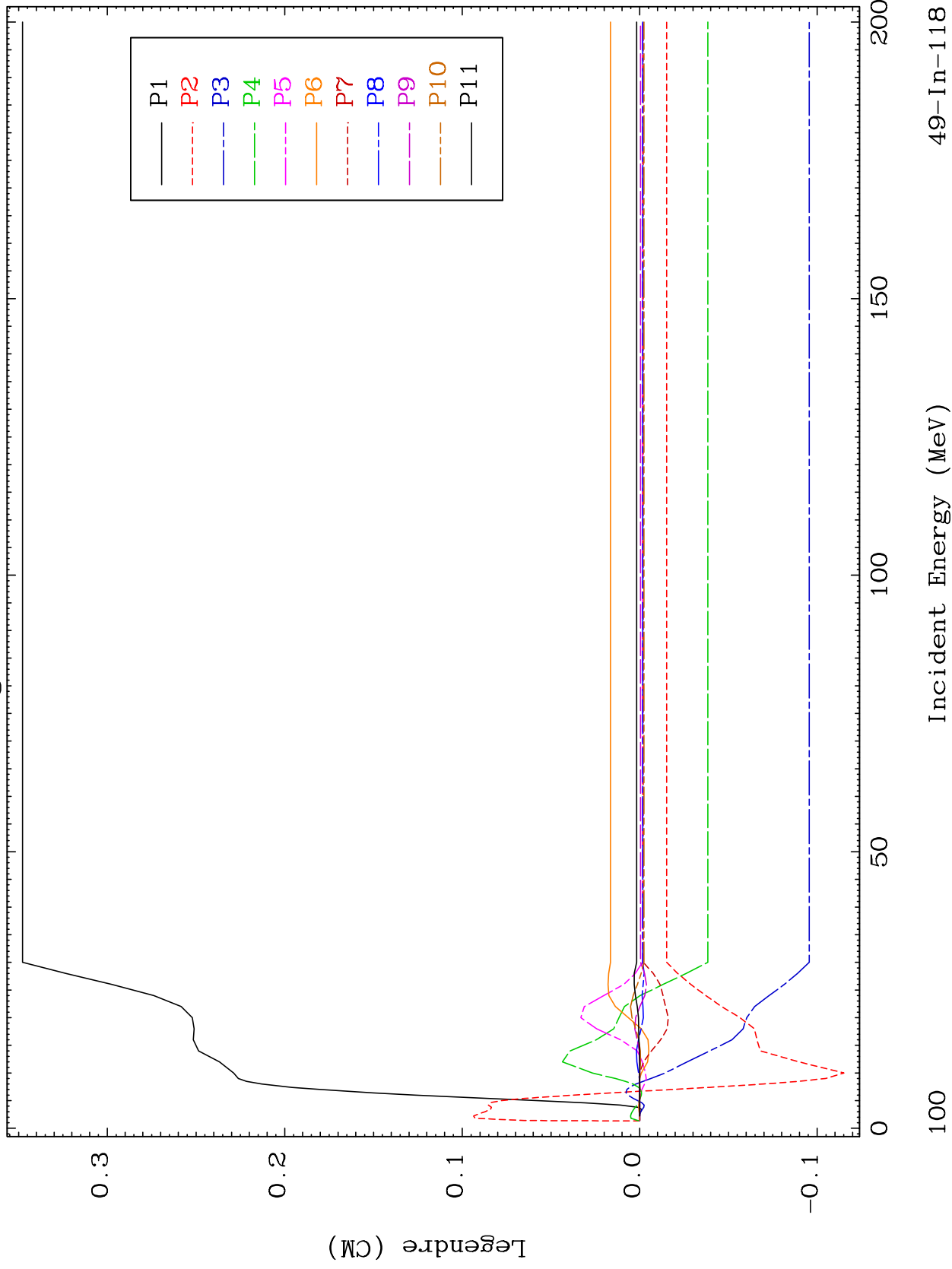
99

49-In-118

MAT 4940

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

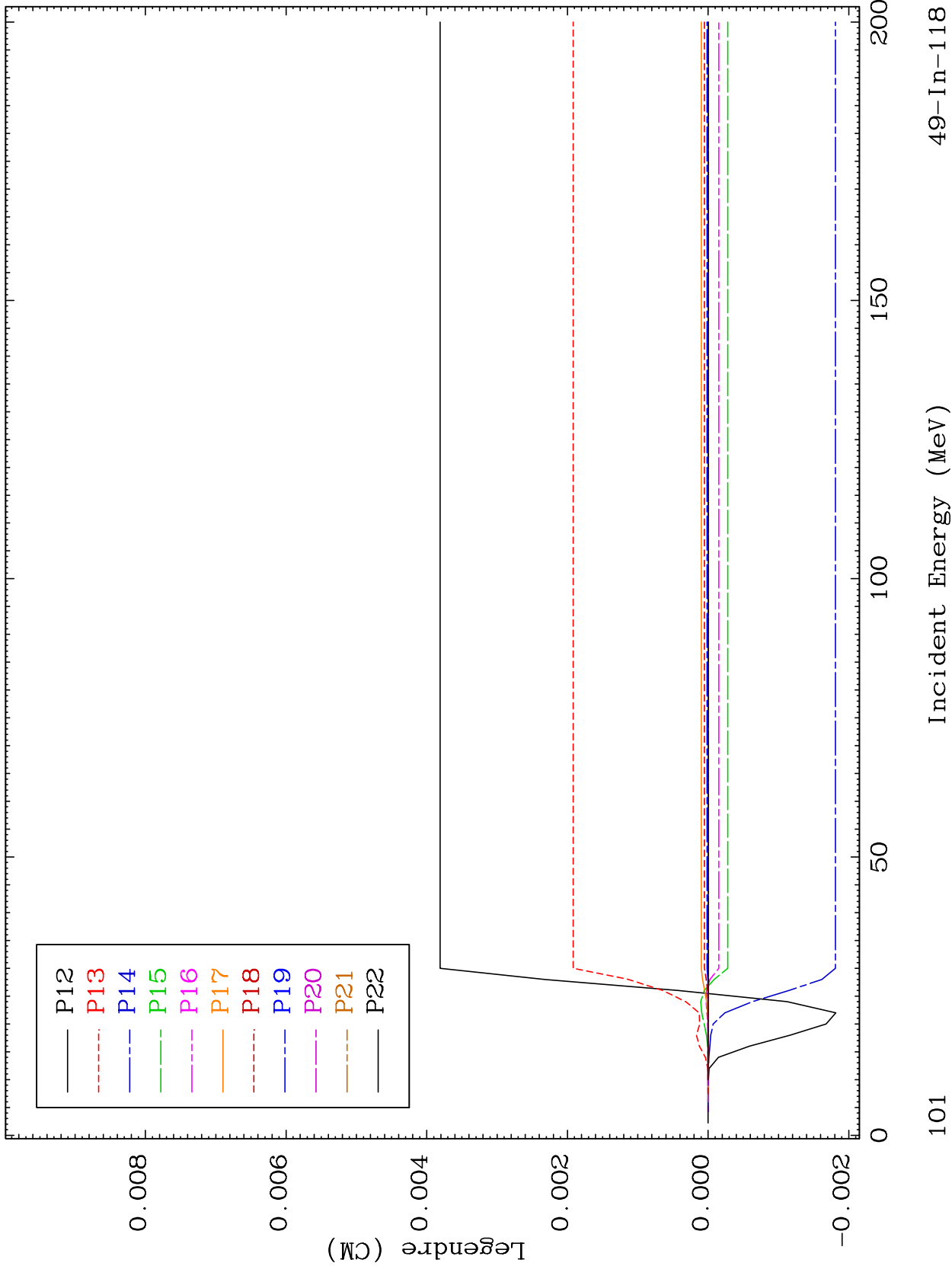
49-In-118



MAT 4940

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

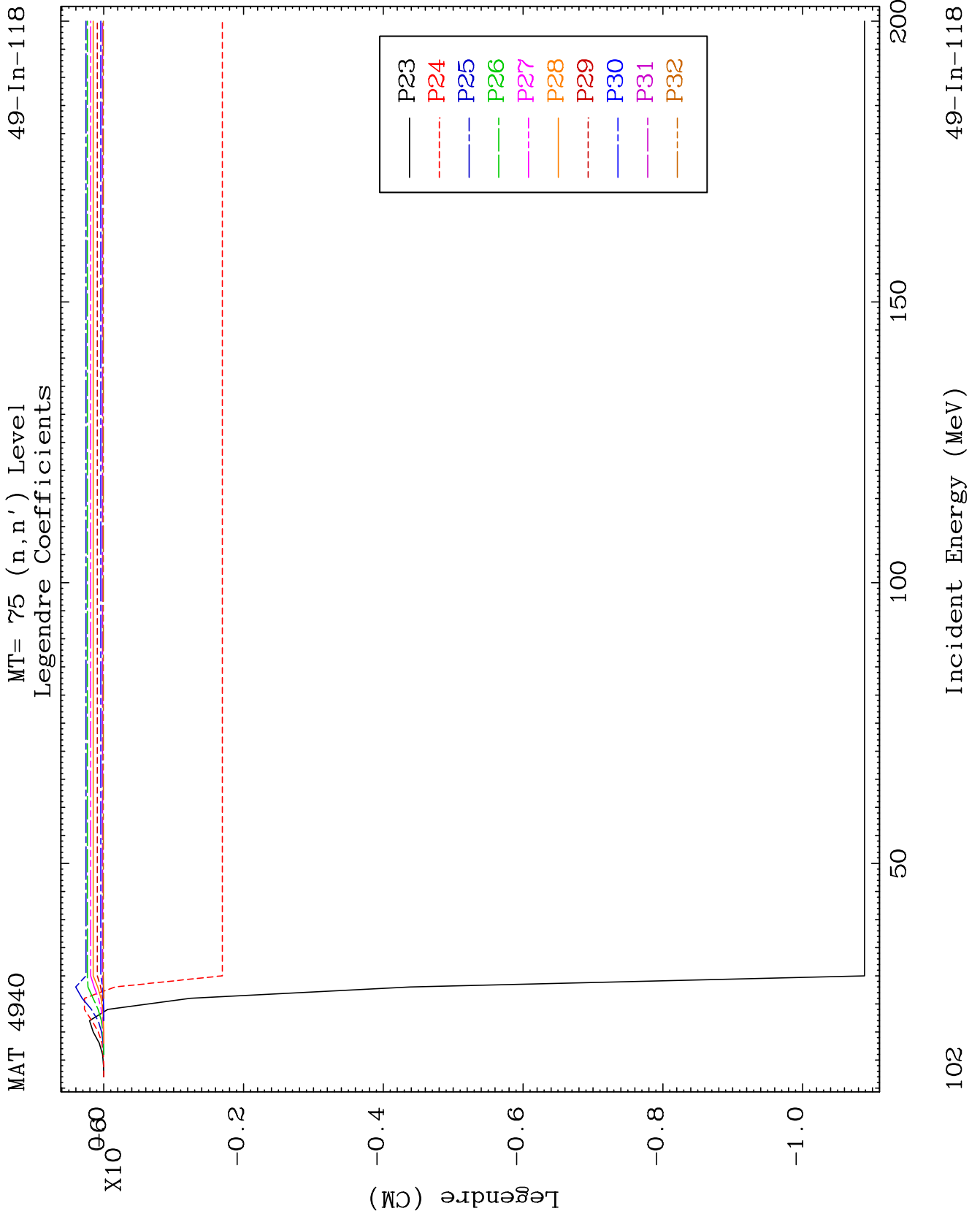
49-In-118



101

Incident Energy (MeV)

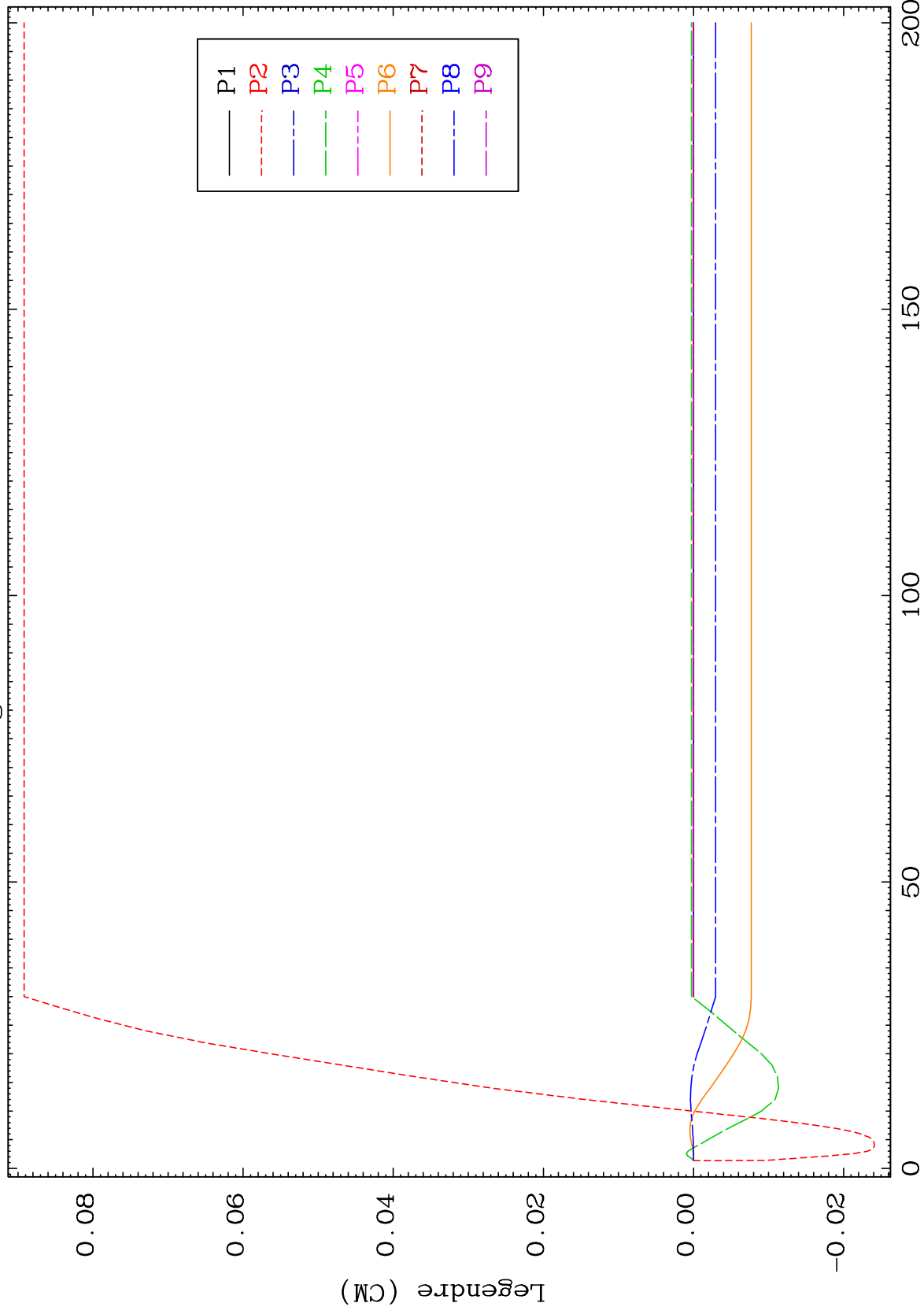
49-In-118



MAT 4940

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

49-In-118



49-In-118

Incident Energy (MeV)

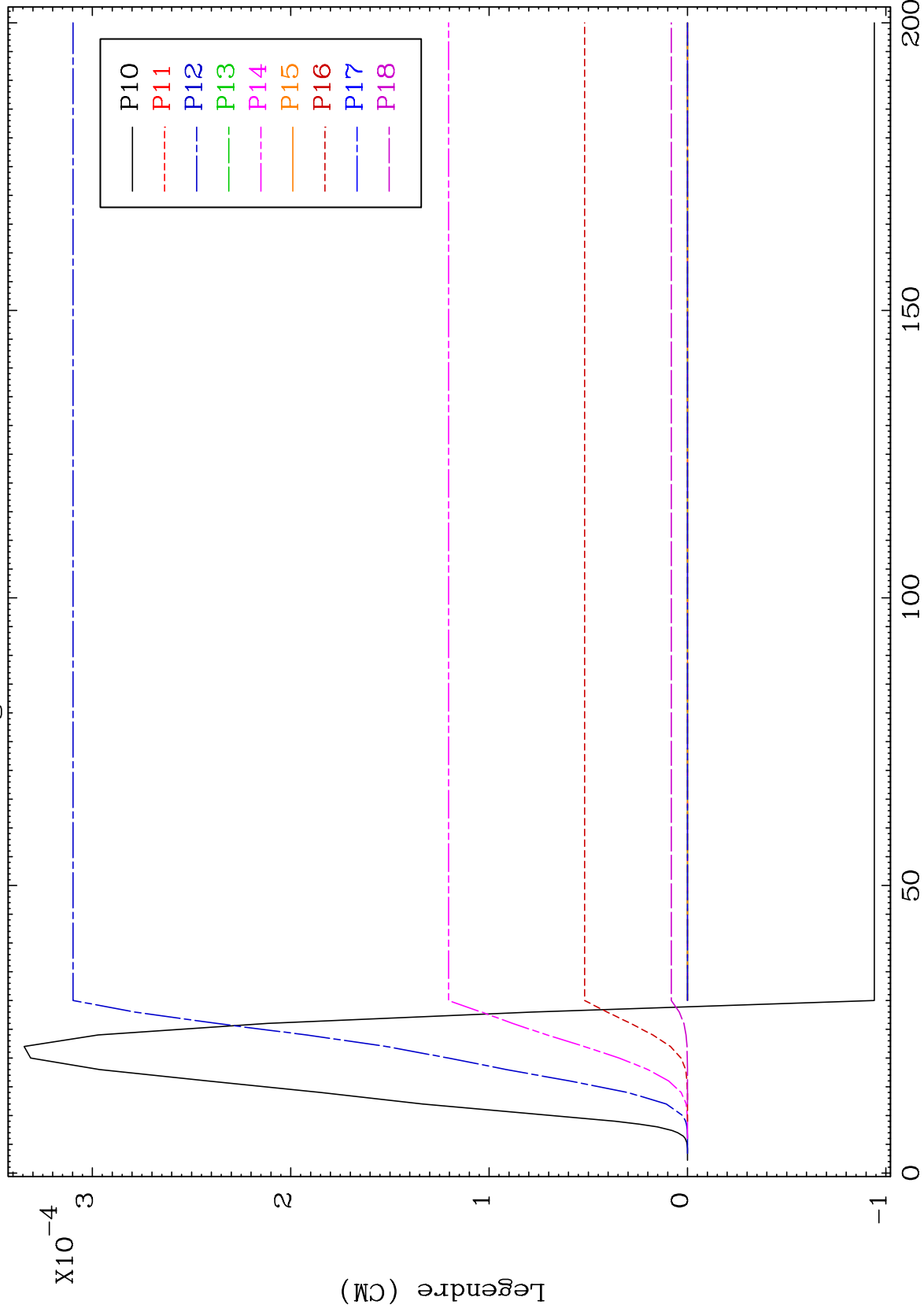
103



MAT 4940

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

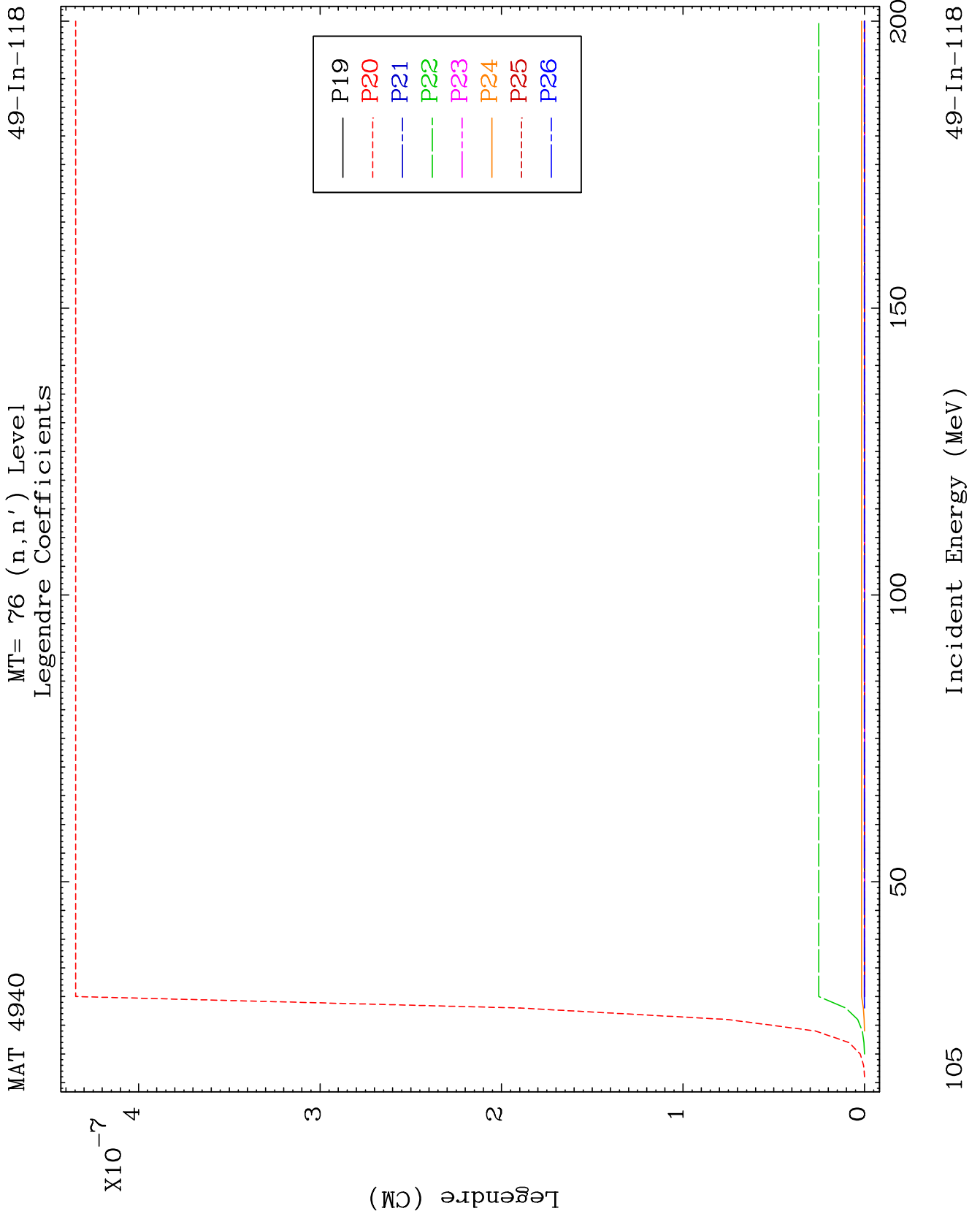
49-In-118



104

Incident Energy (MeV)

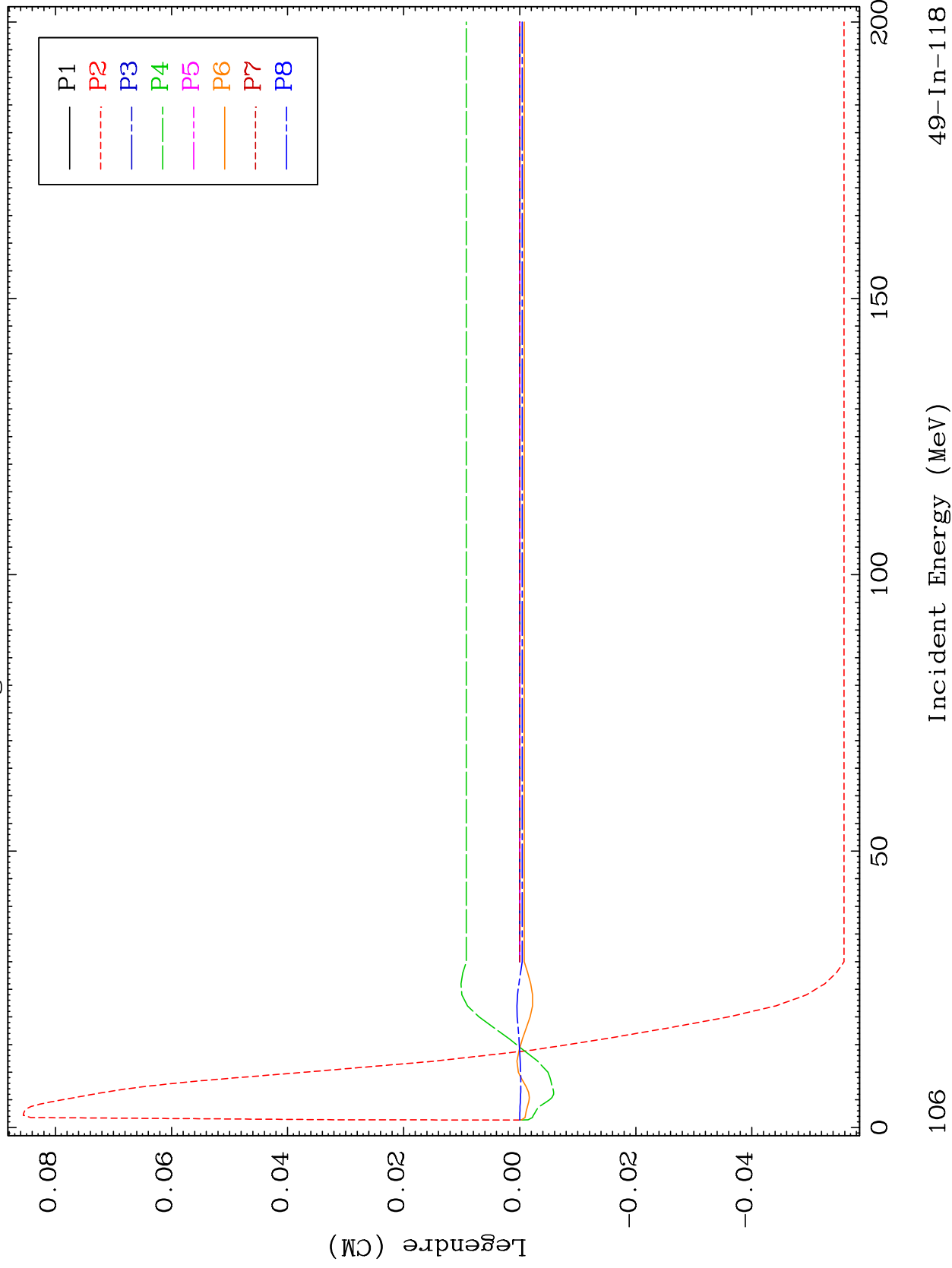
49-In-118



MAT 4940

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

49-In-118



49-In-118

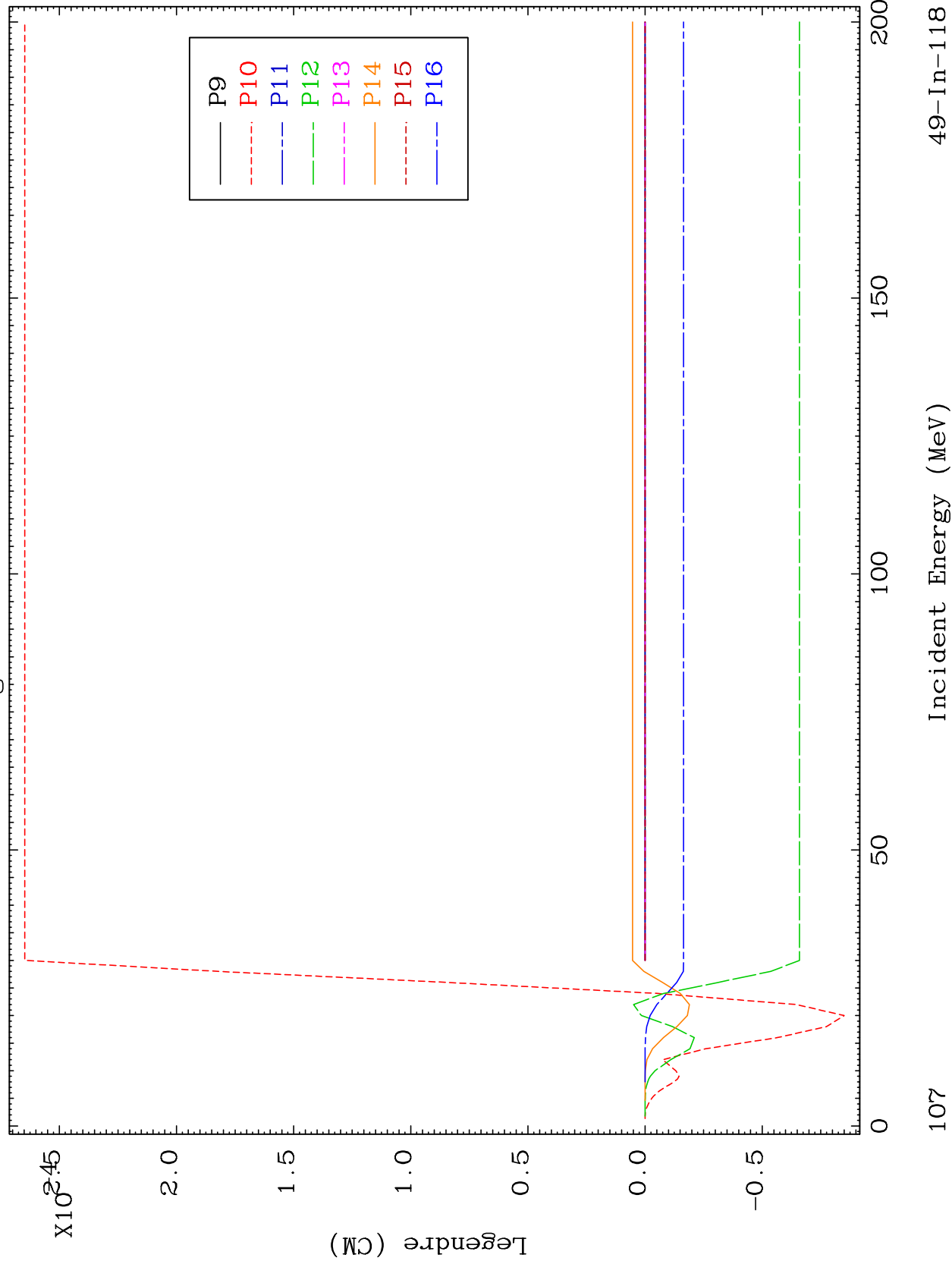
Incident Energy (MeV)

106

MAT 4940

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

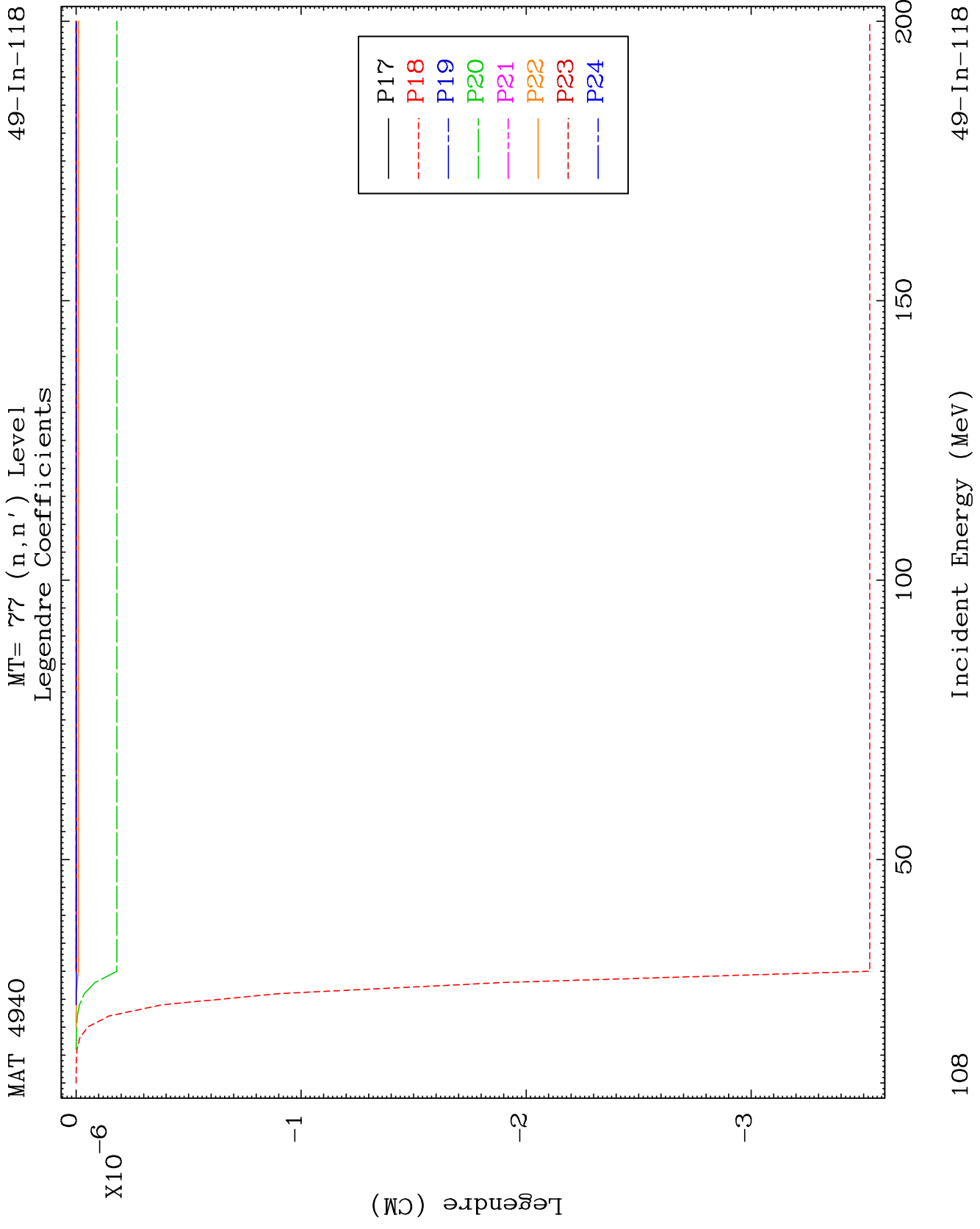
49-In-118

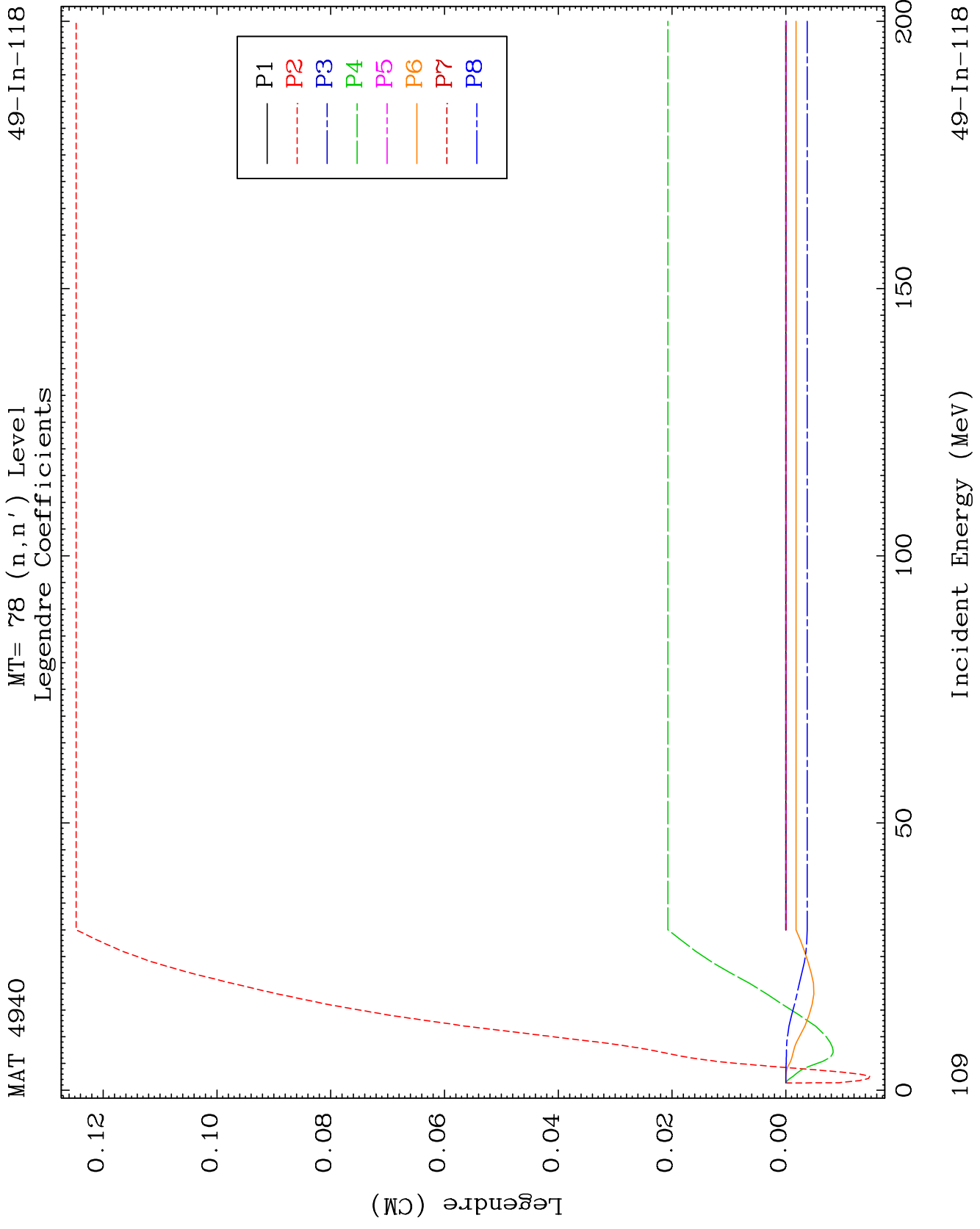


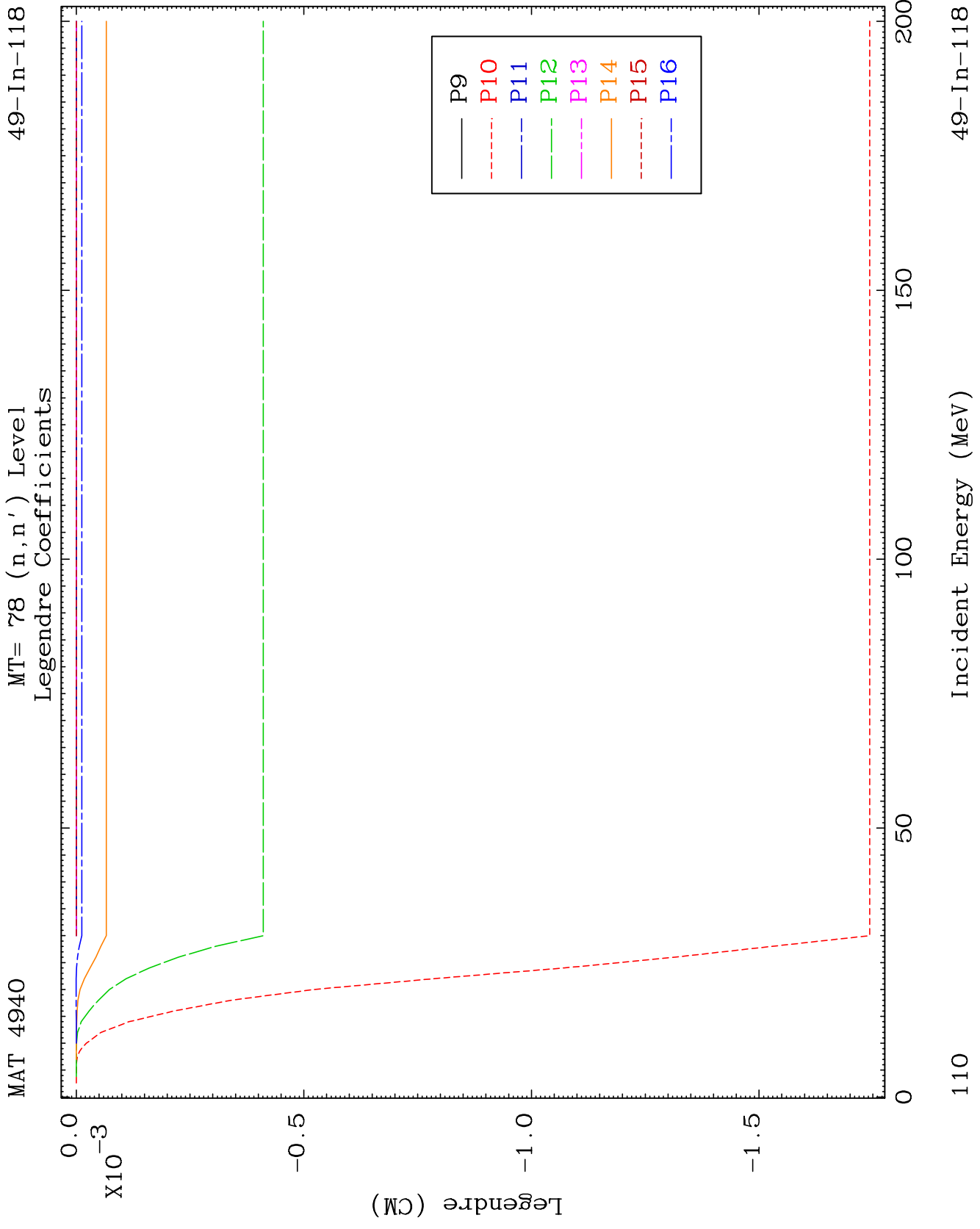
107

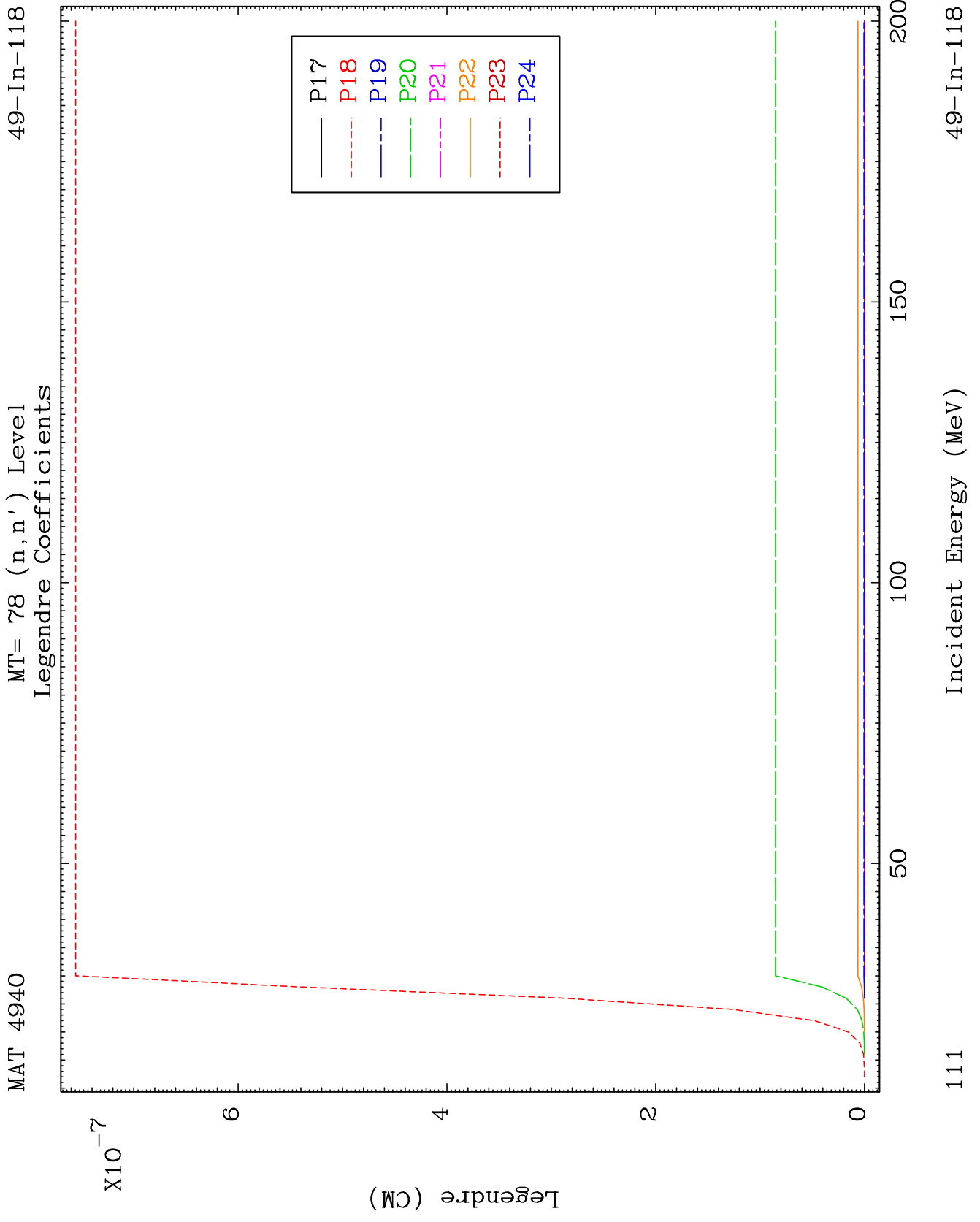
Incident Energy (MeV)

49-In-118







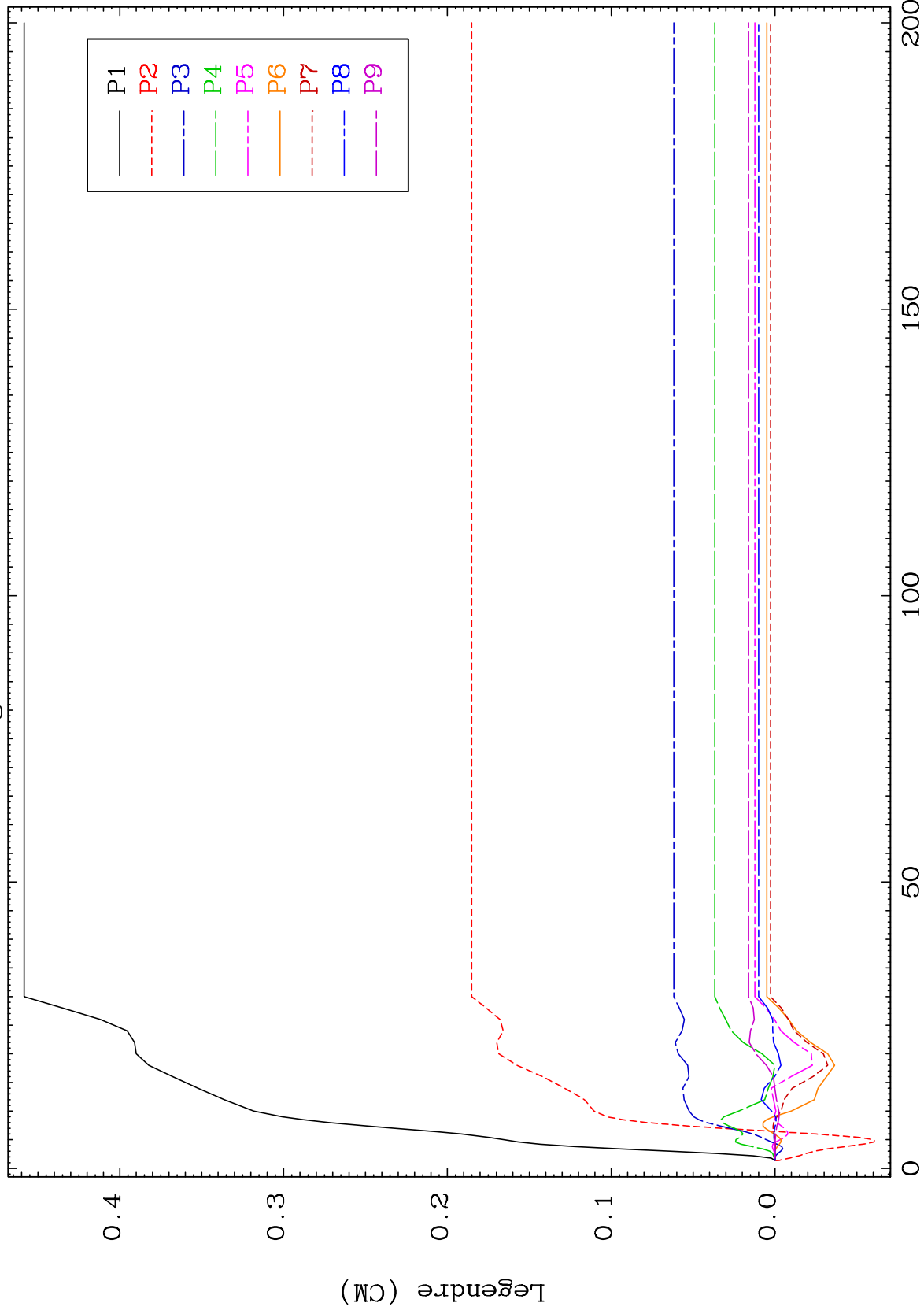




MAT 4940

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

49-In-118



112

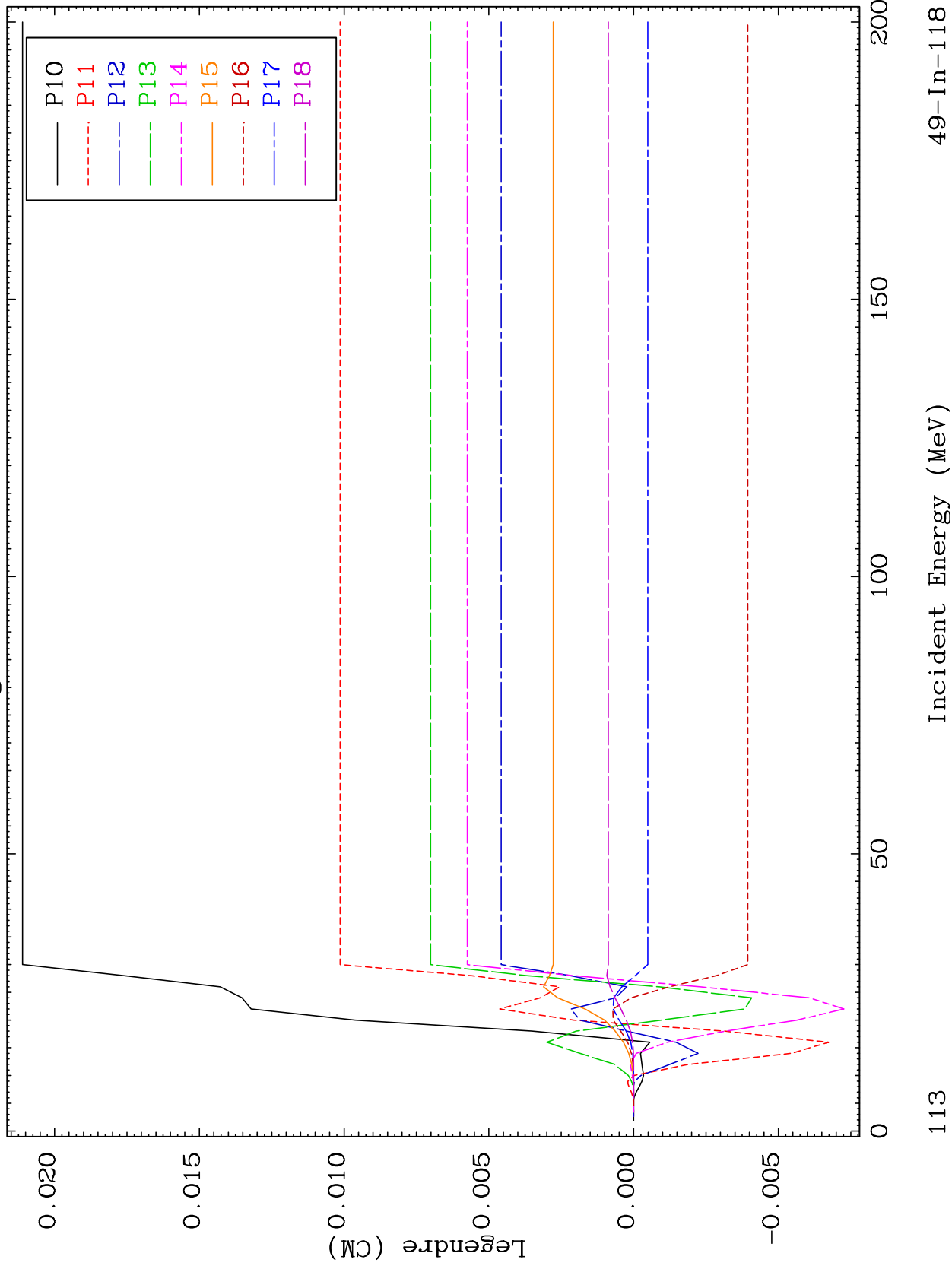
Incident Energy (MeV)

49-In-118

MAT 4940

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

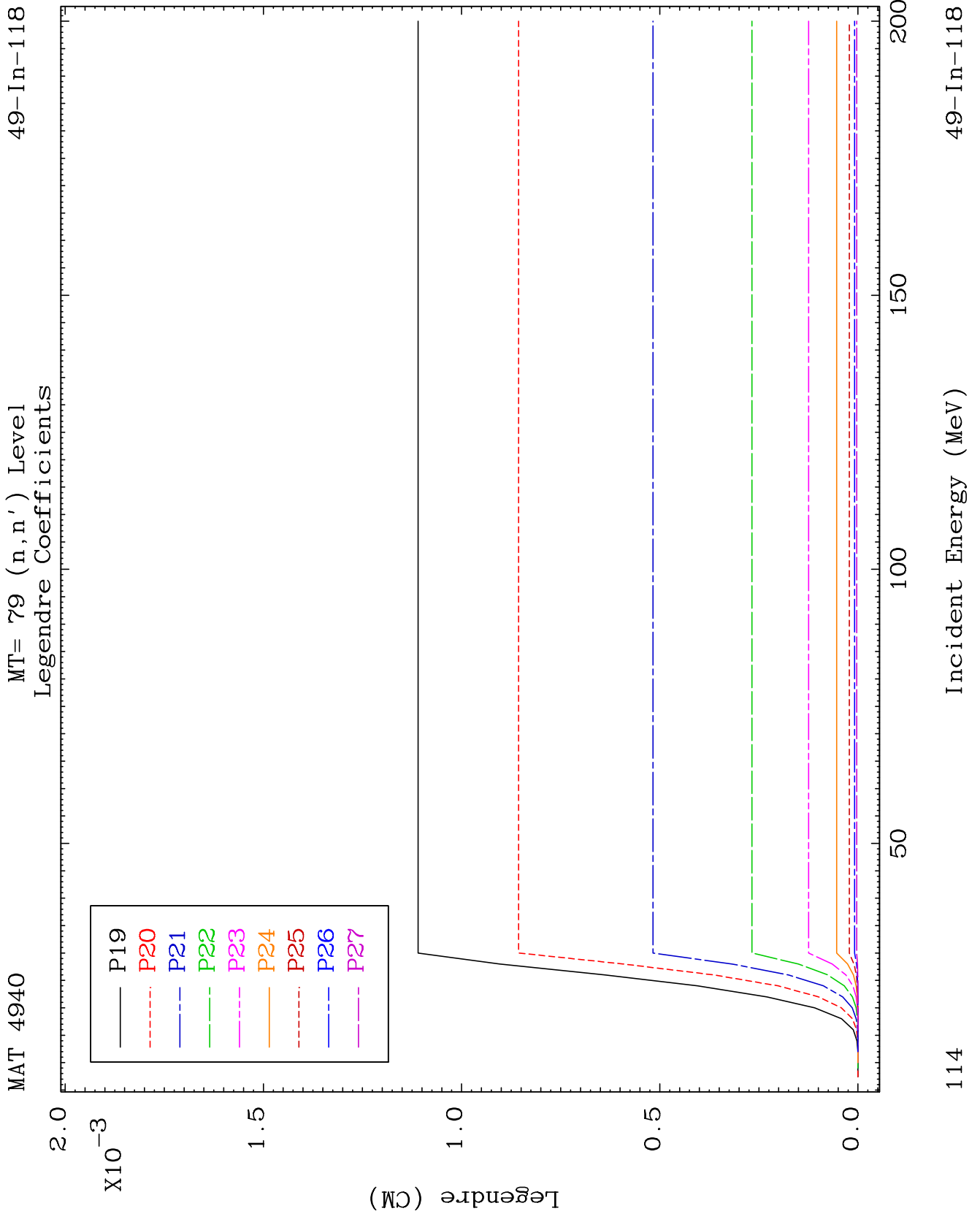
49-In-118



49-In-118

Incident Energy (MeV)

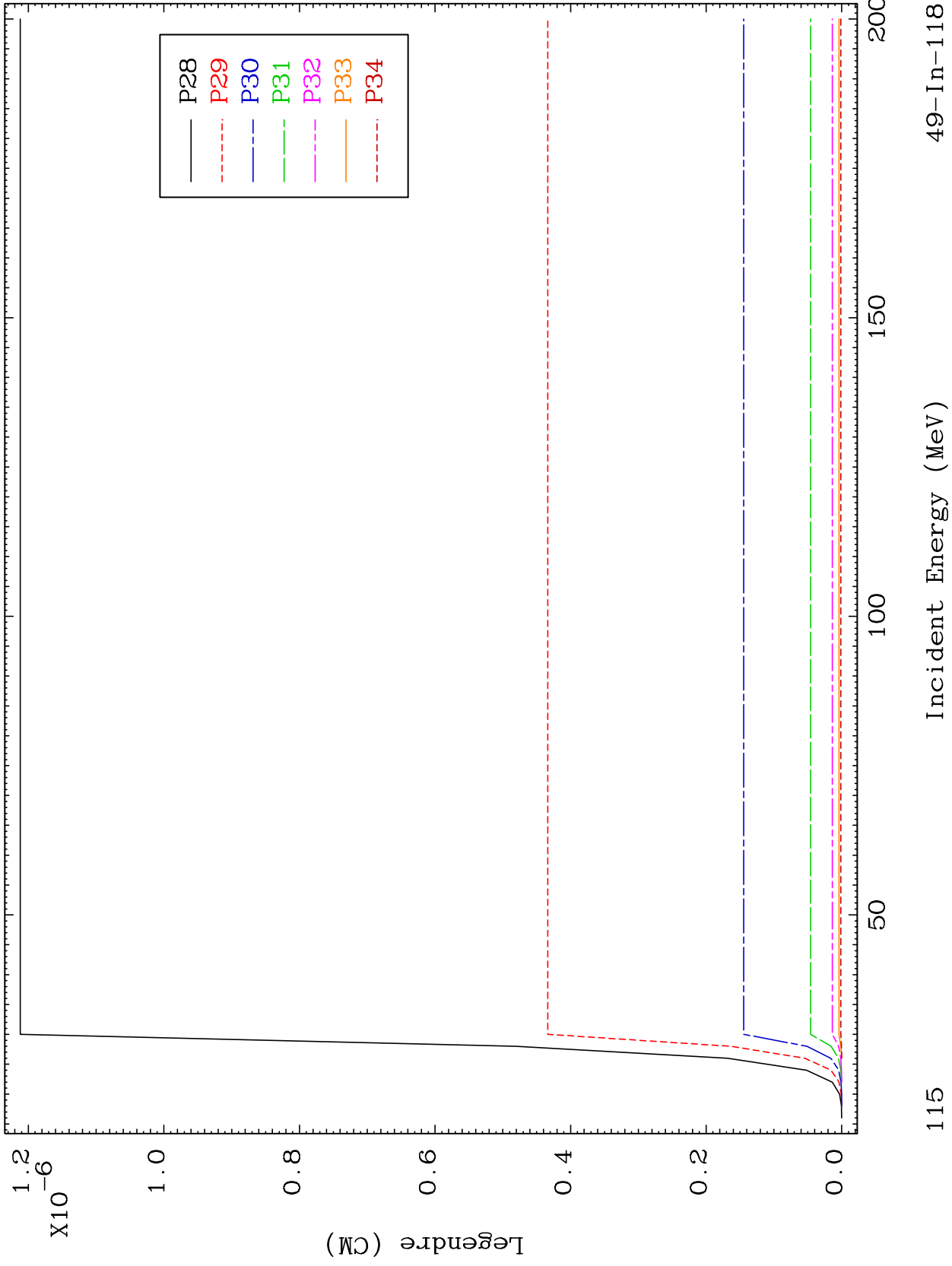
113



MAT 4940

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

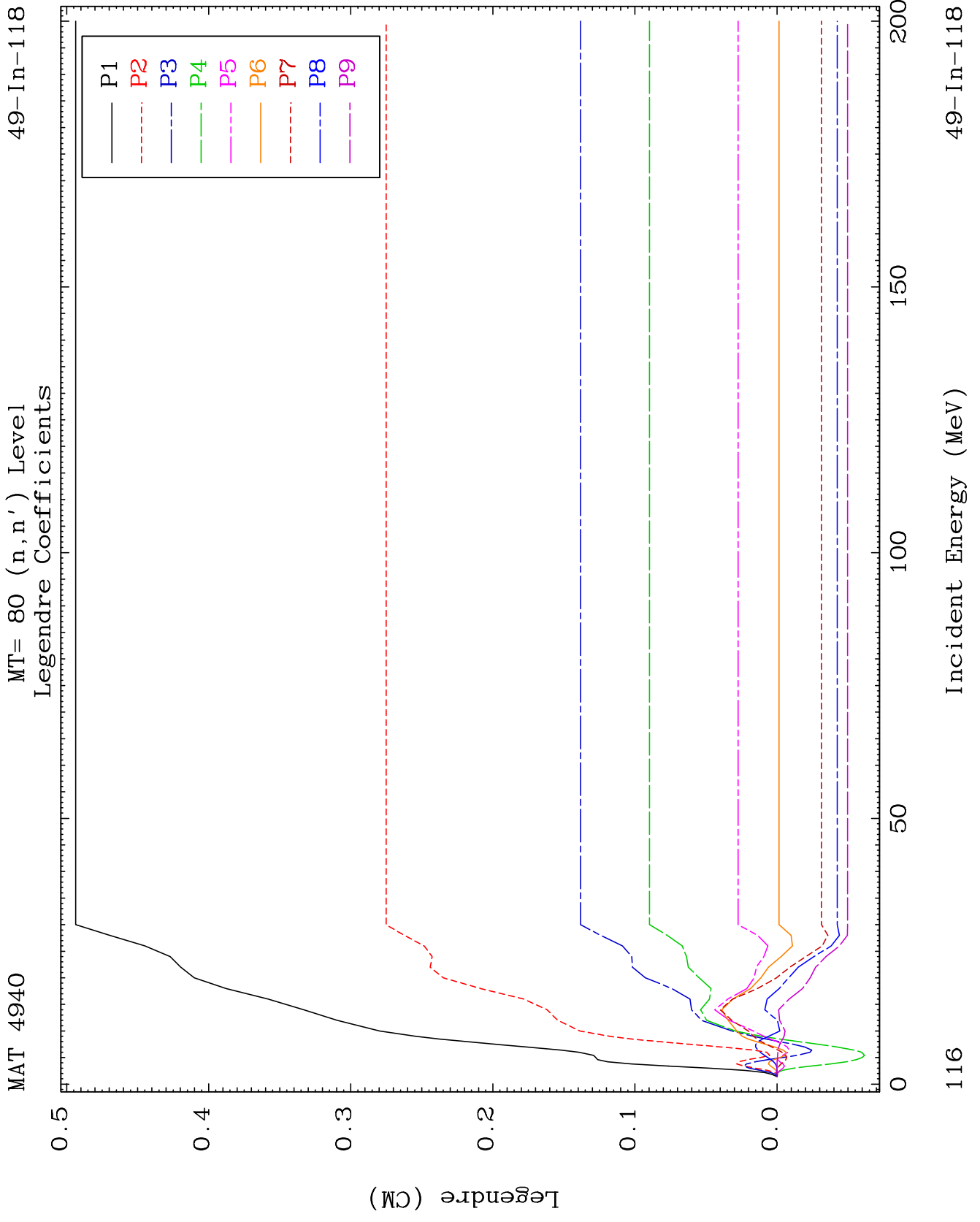
49-In-118

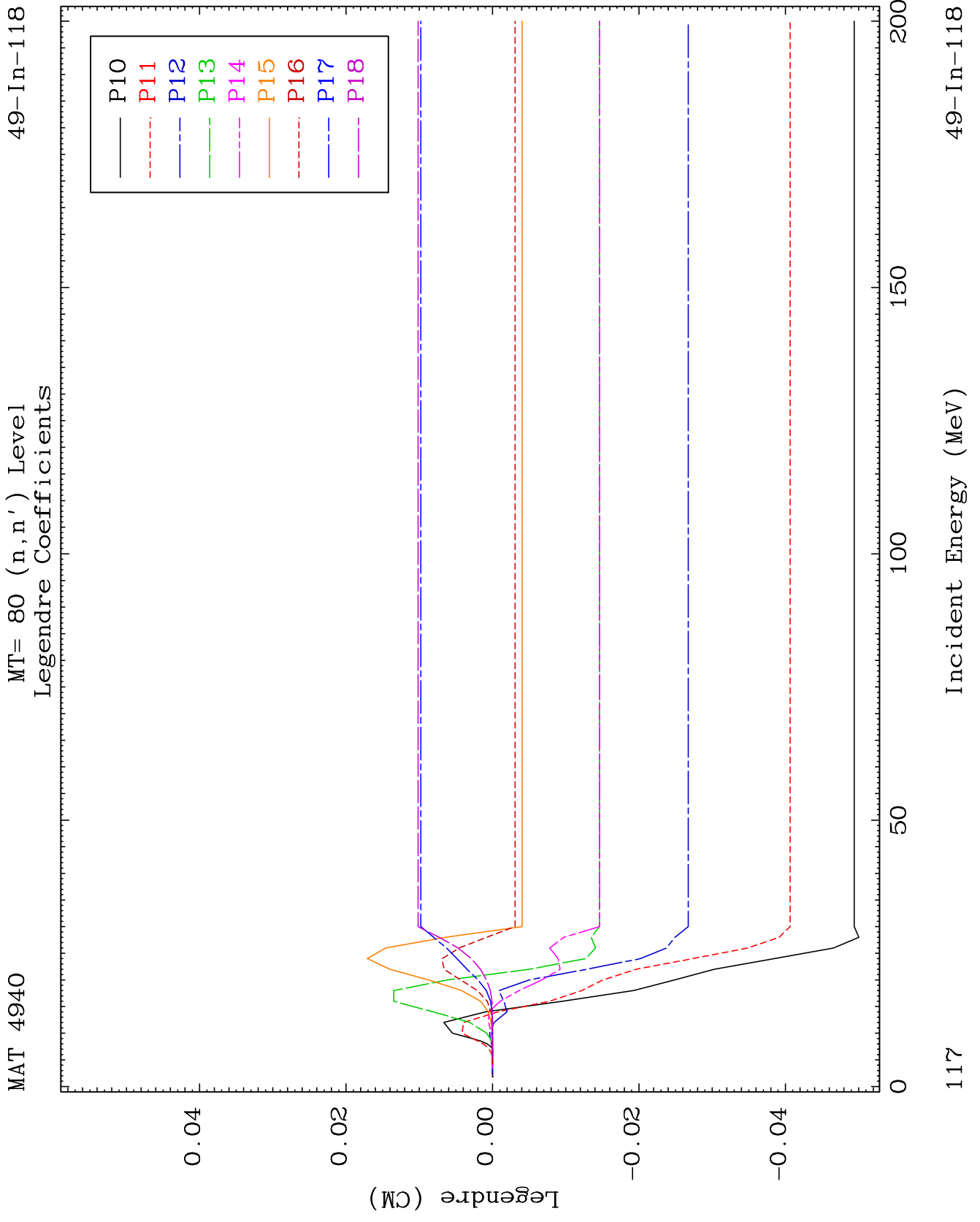


49-In-118

Incident Energy (MeV)

115

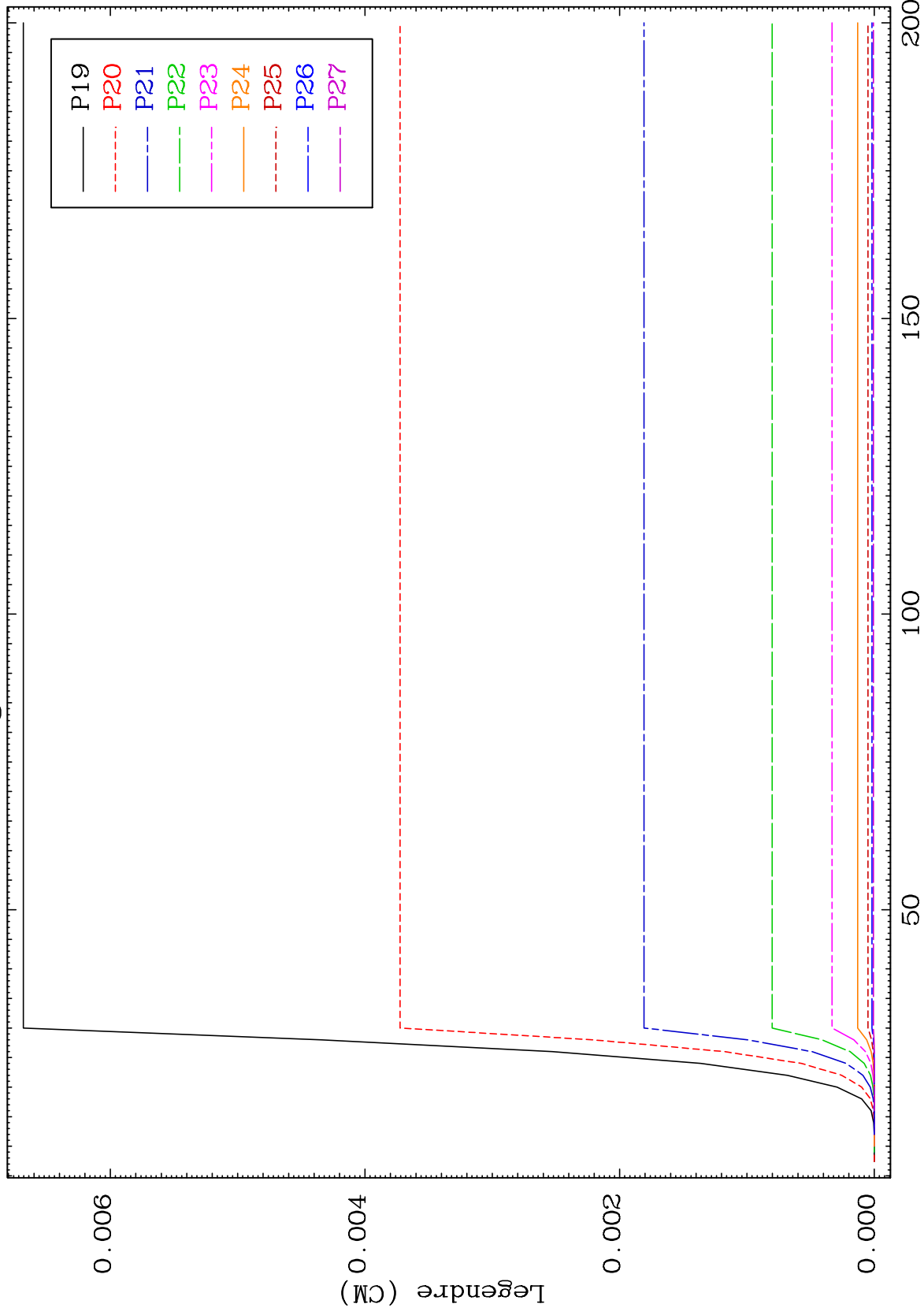




MAT 4940

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

49-In-118



118

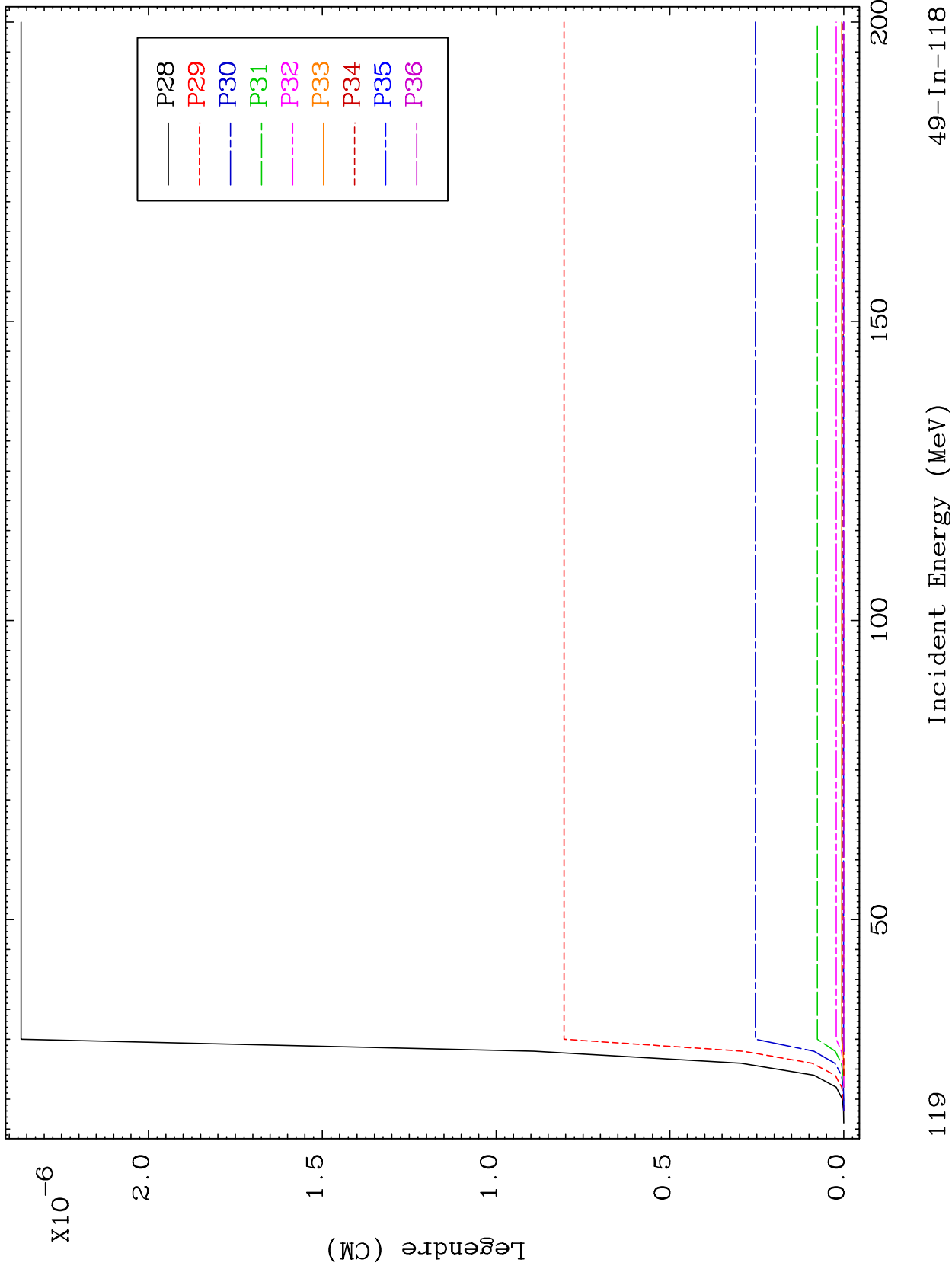
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



119

Incident Energy (MeV)

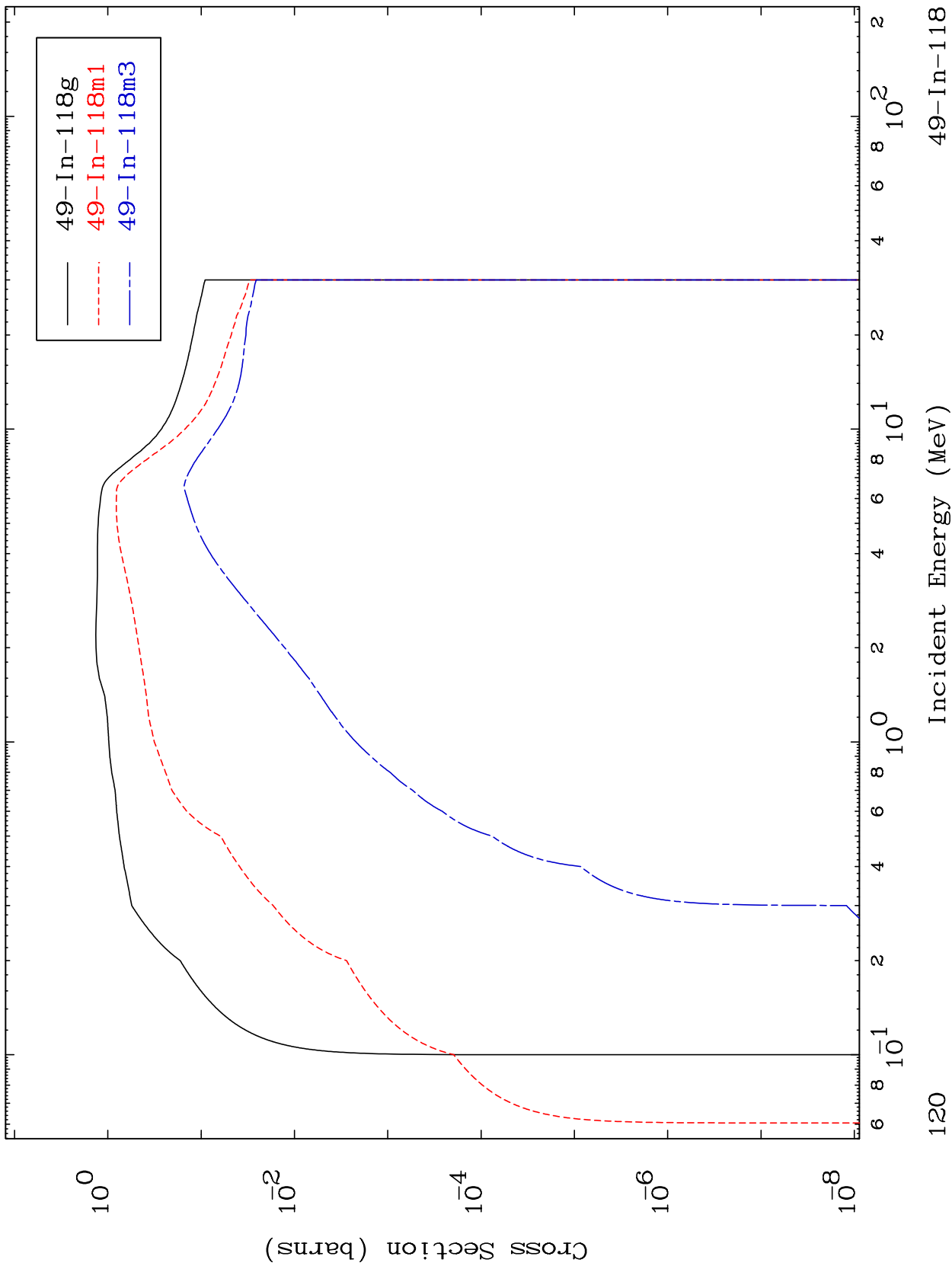
49-In-118



MAT 4940

49-In-118

Inelastic  
Radionuclide Production Cross Section



120

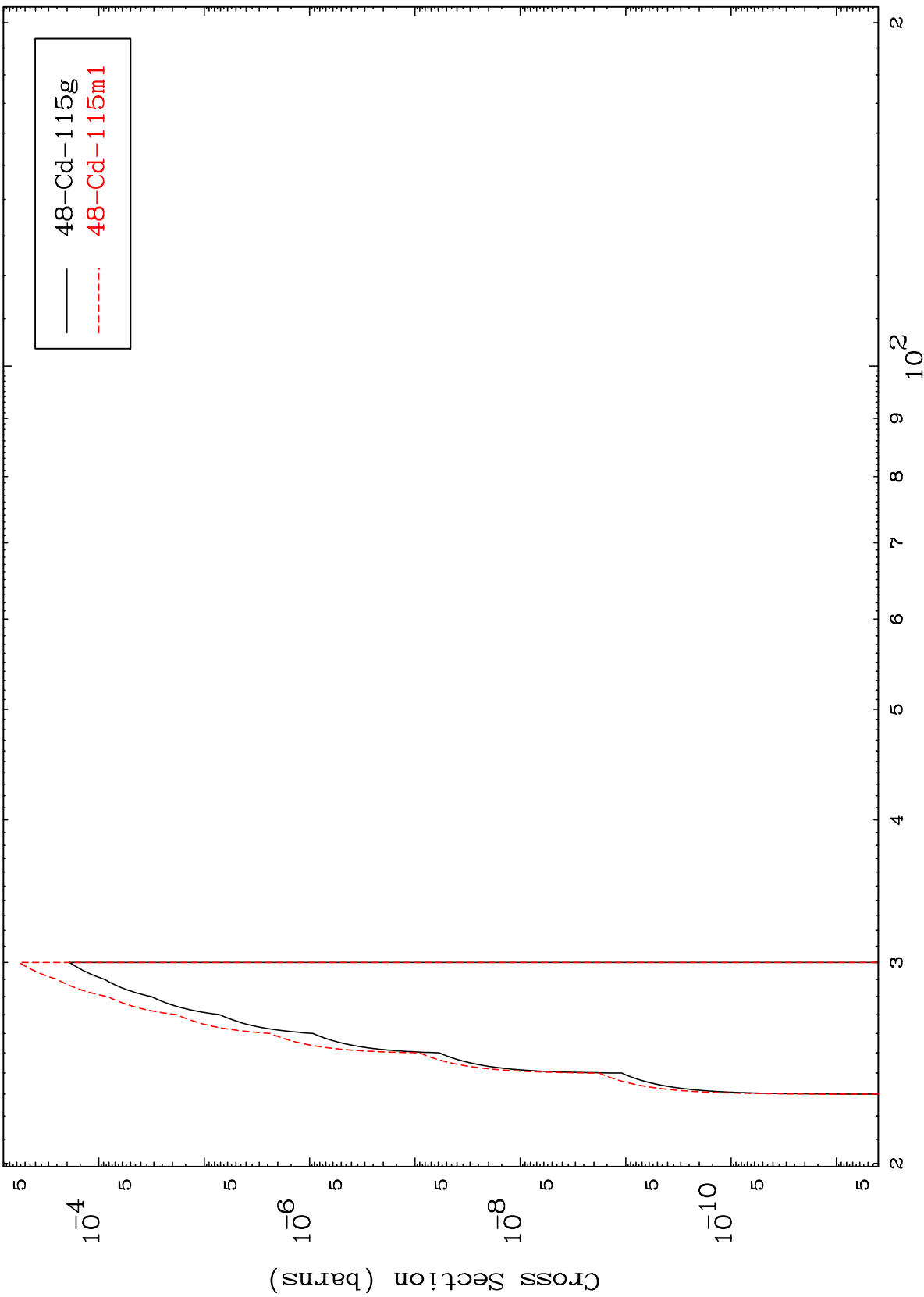
49-In-118

MAT 4940

(n,2n) d

49-In-118

Radionuclide Production Cross Section



121

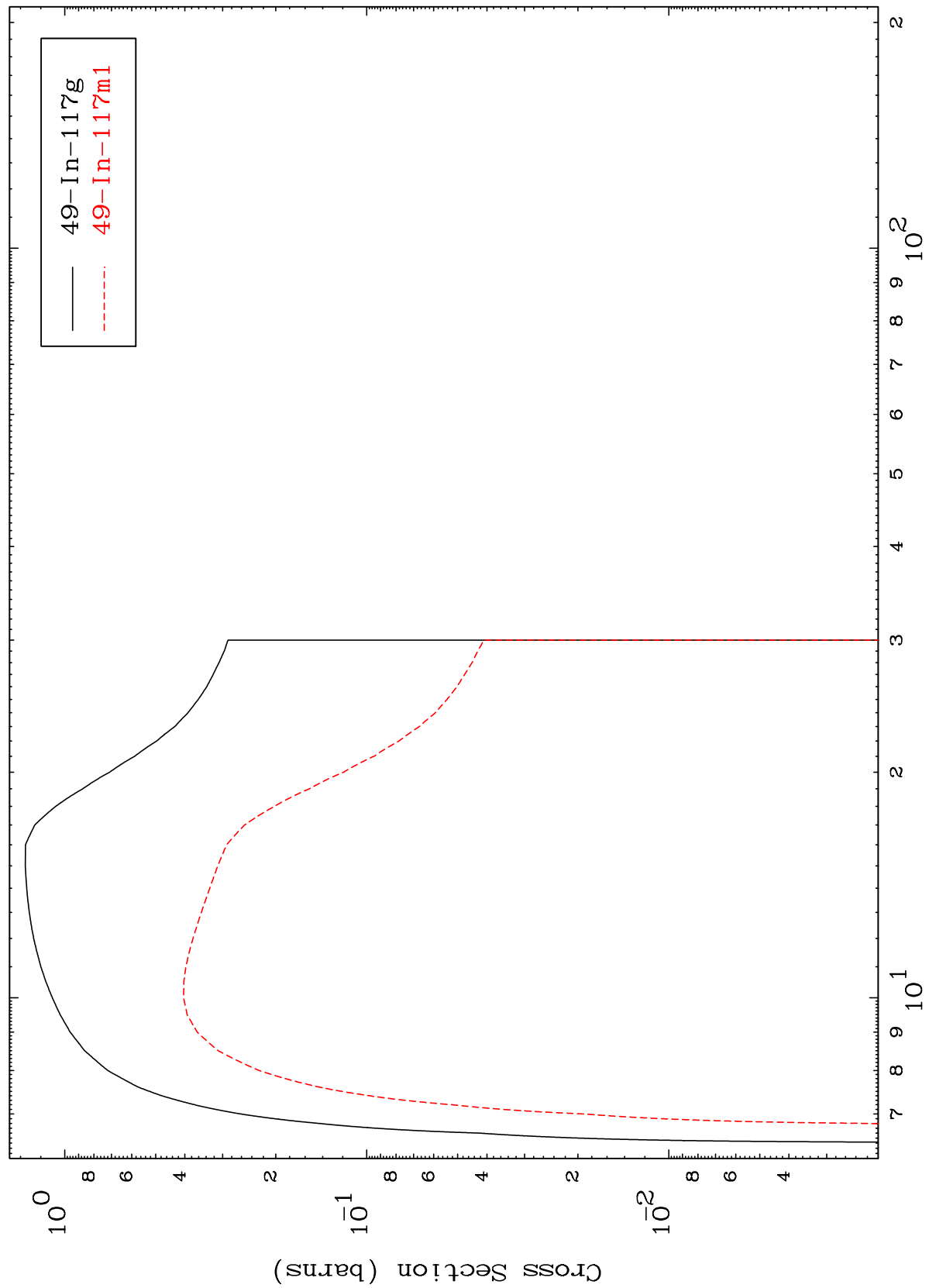
Incident Energy (MeV)

49-In-118

MAT 4940

49-In-118

(n,2n)  
Radionuclide Production Cross Section



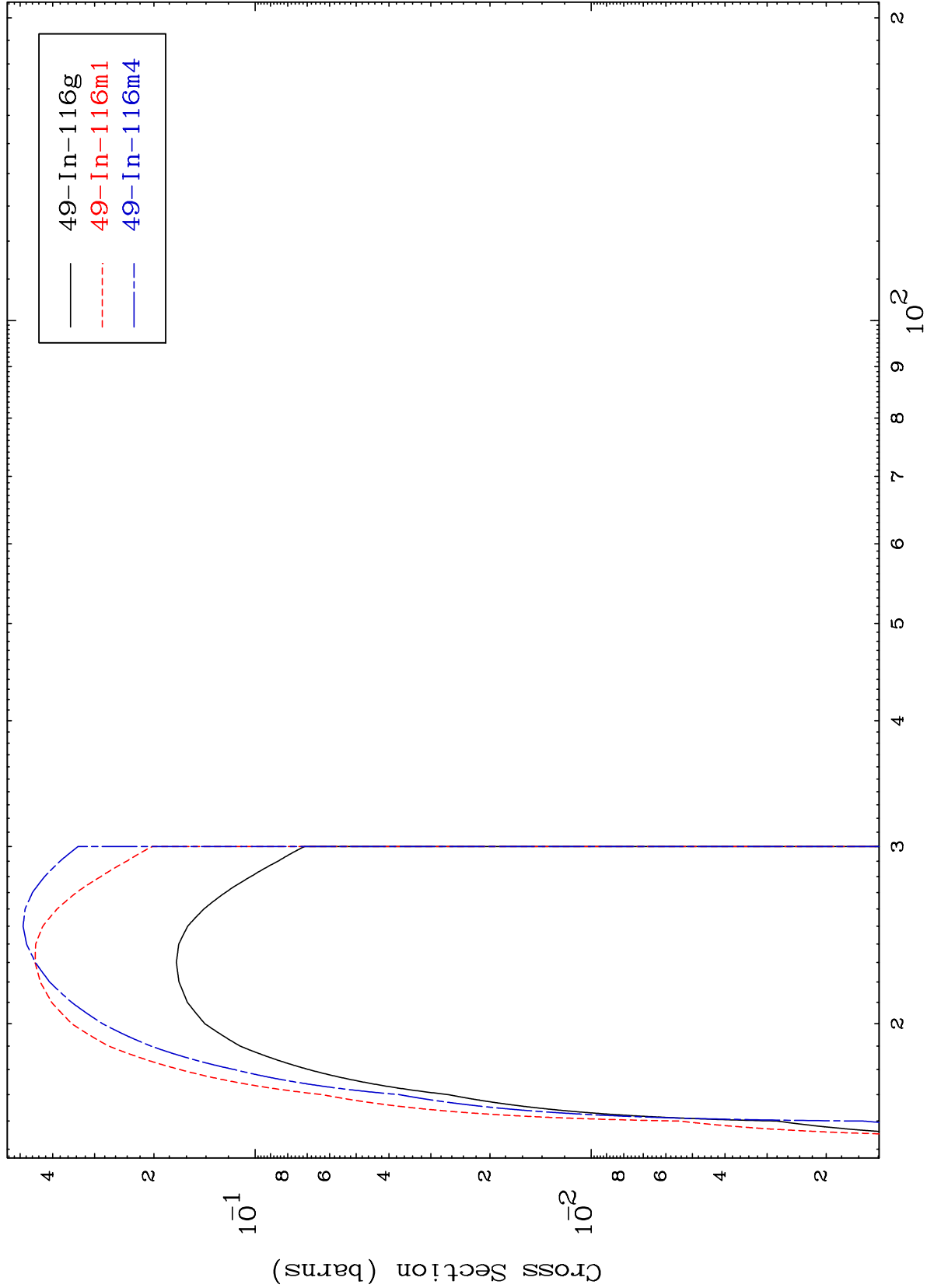
— 49-In-117g  
- - - 49-In-117m1

122

Incident Energy (MeV)

49-In-118

Radionuclide Production Cross Section

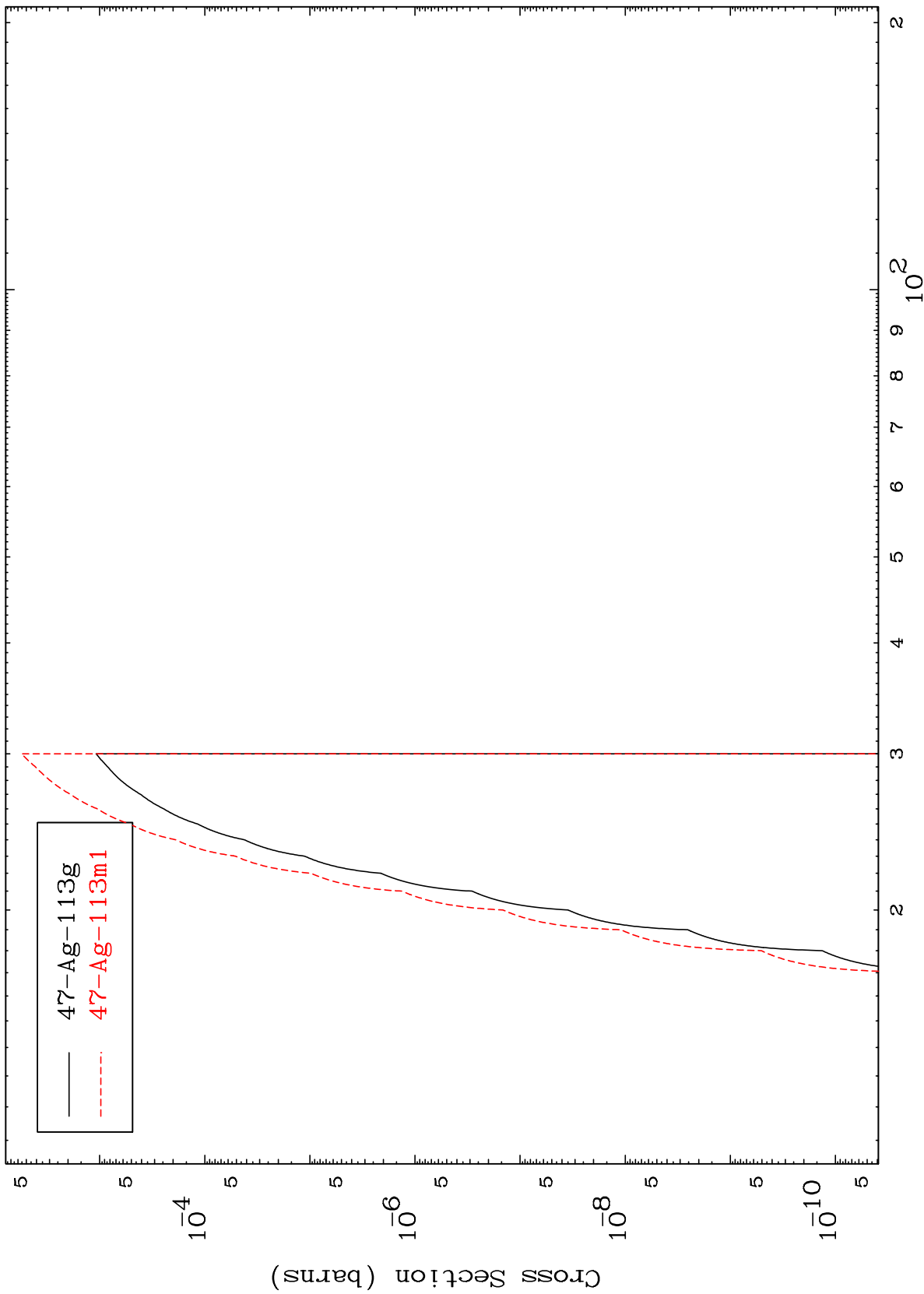


MAT 4940

(n,2n)  $\alpha$

49-In-118

Radionuclide Production Cross Section



124

Incident Energy (MeV)

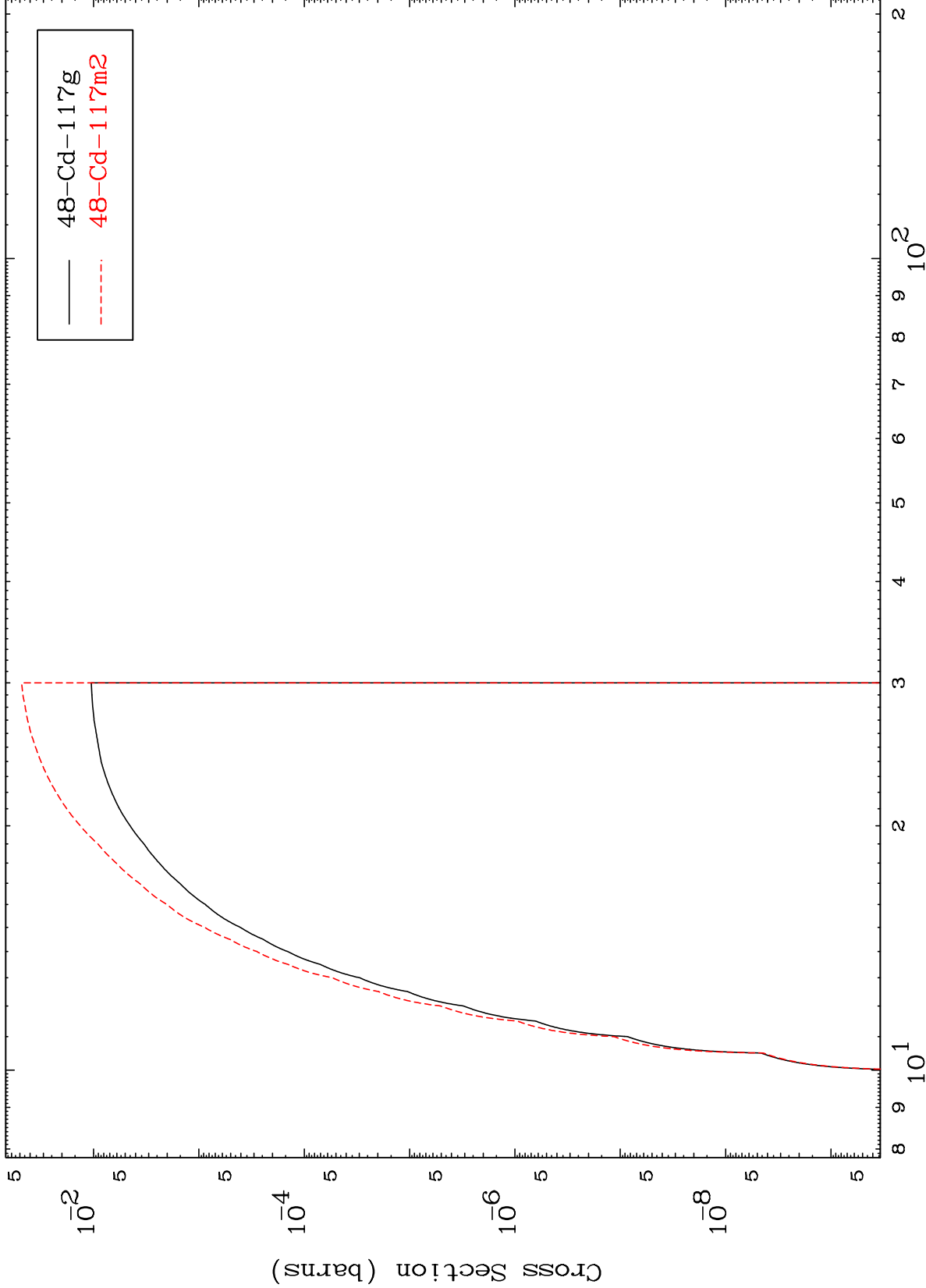
49-In-118

MAT 4940

(n,n') p

49-In-118

Radionuclide Production Cross Section

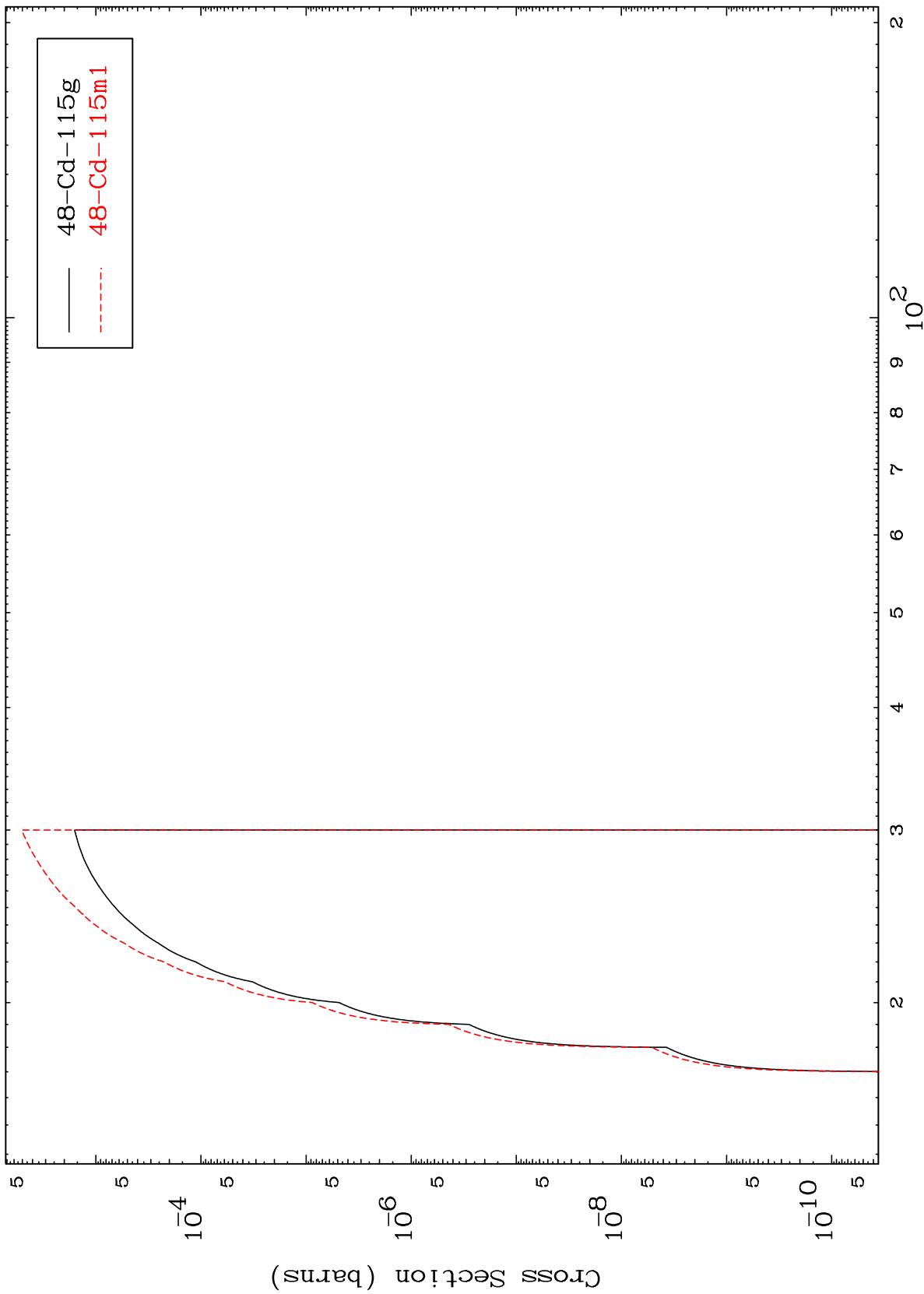


125

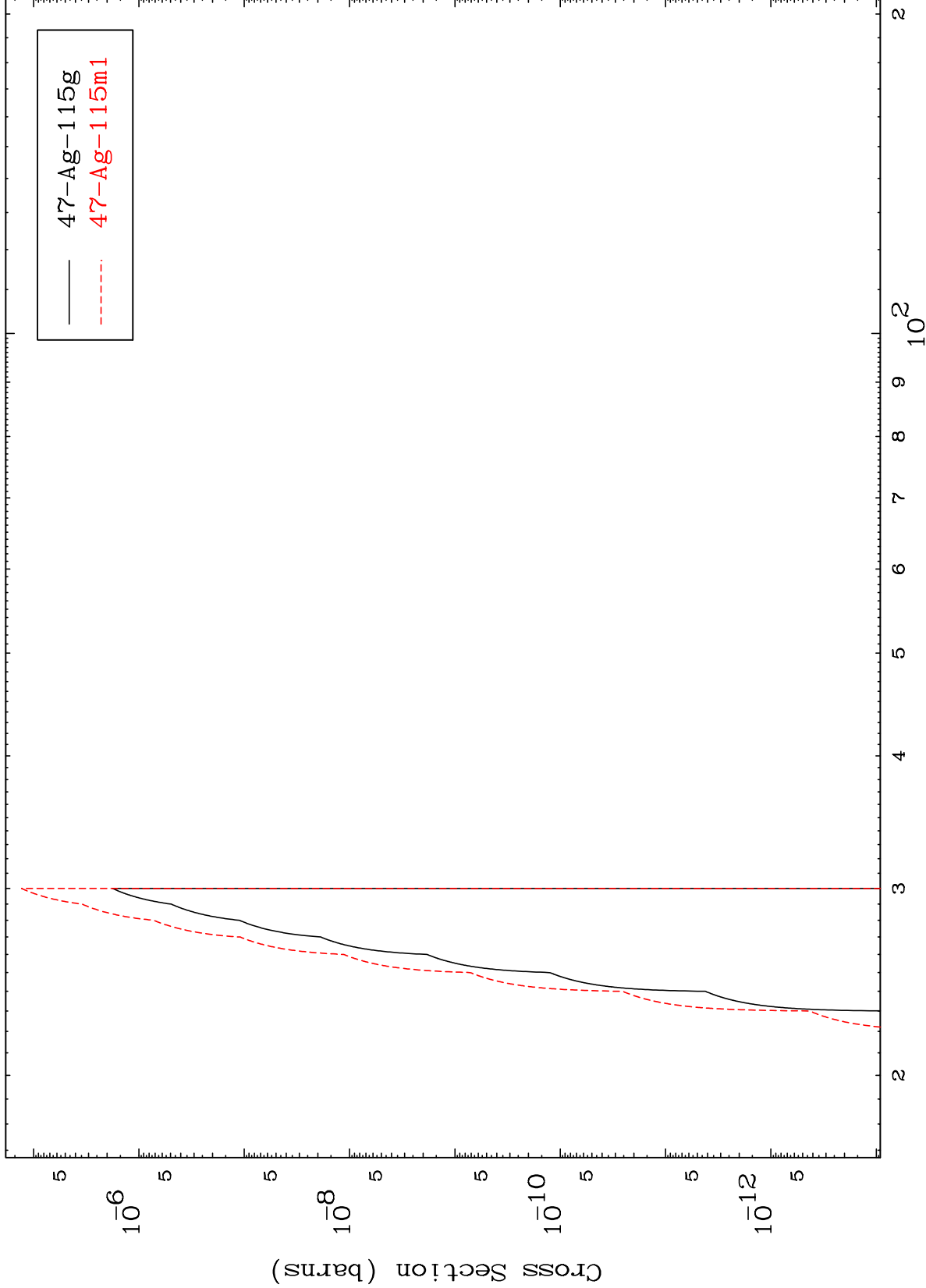
Incident Energy (MeV)

49-In-118

Radionuclide Production Cross Section

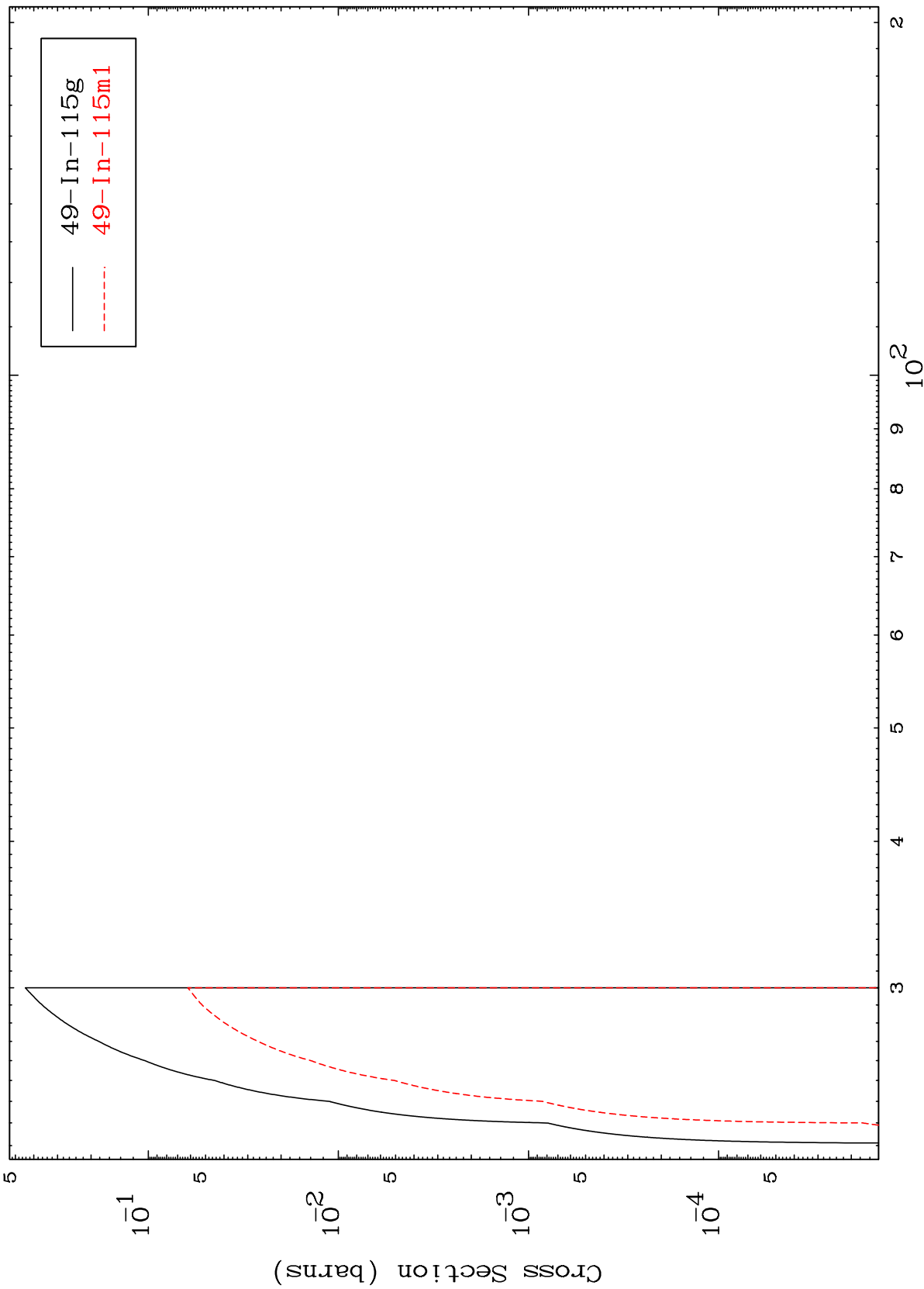


Radionuclide Production Cross Section





(n,4n)  
Radionuclide Production Cross Section



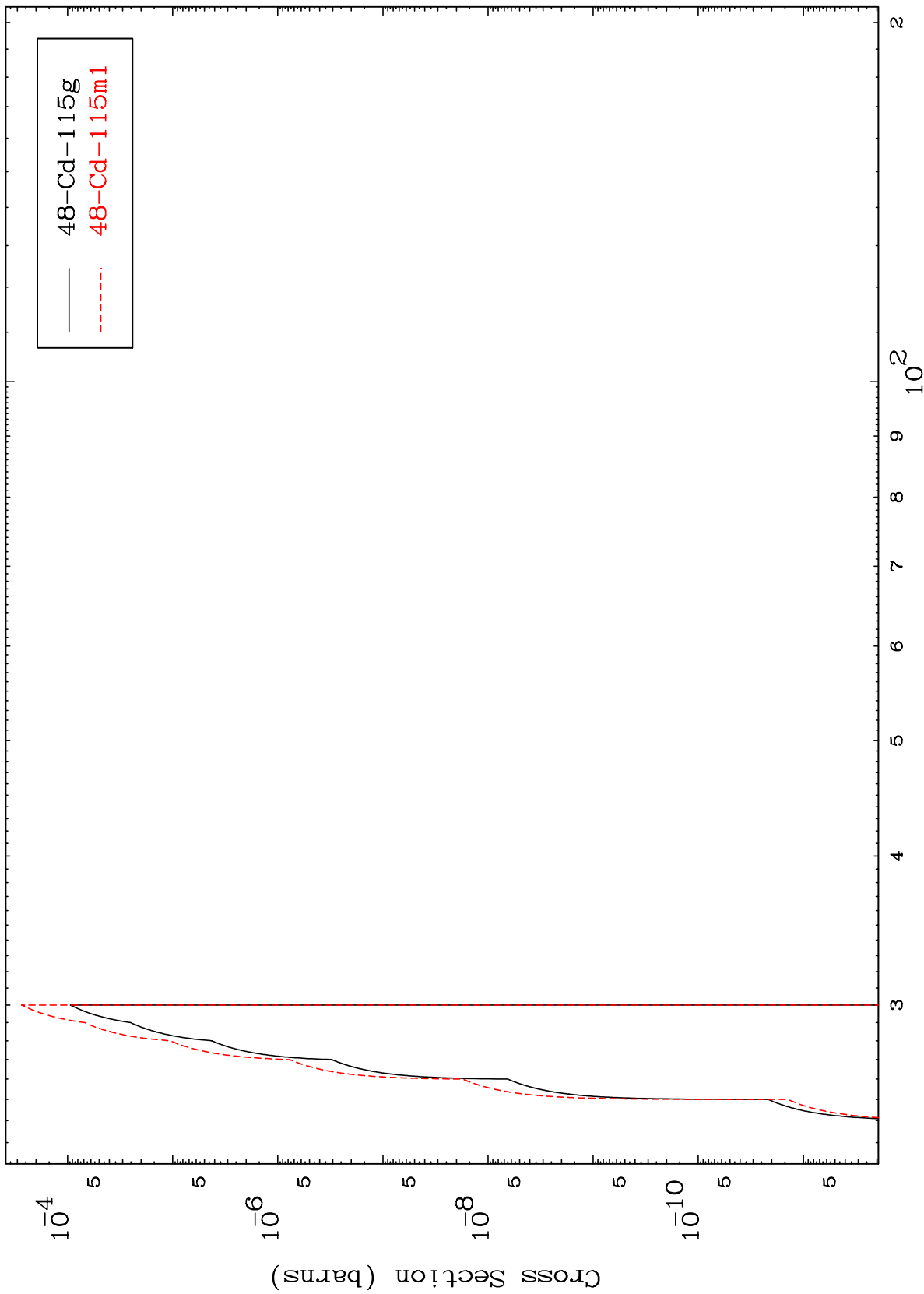
— 49-In-115g  
- - - 49-In-115m1

MAT 4940

(n,3n) p

49-In-118

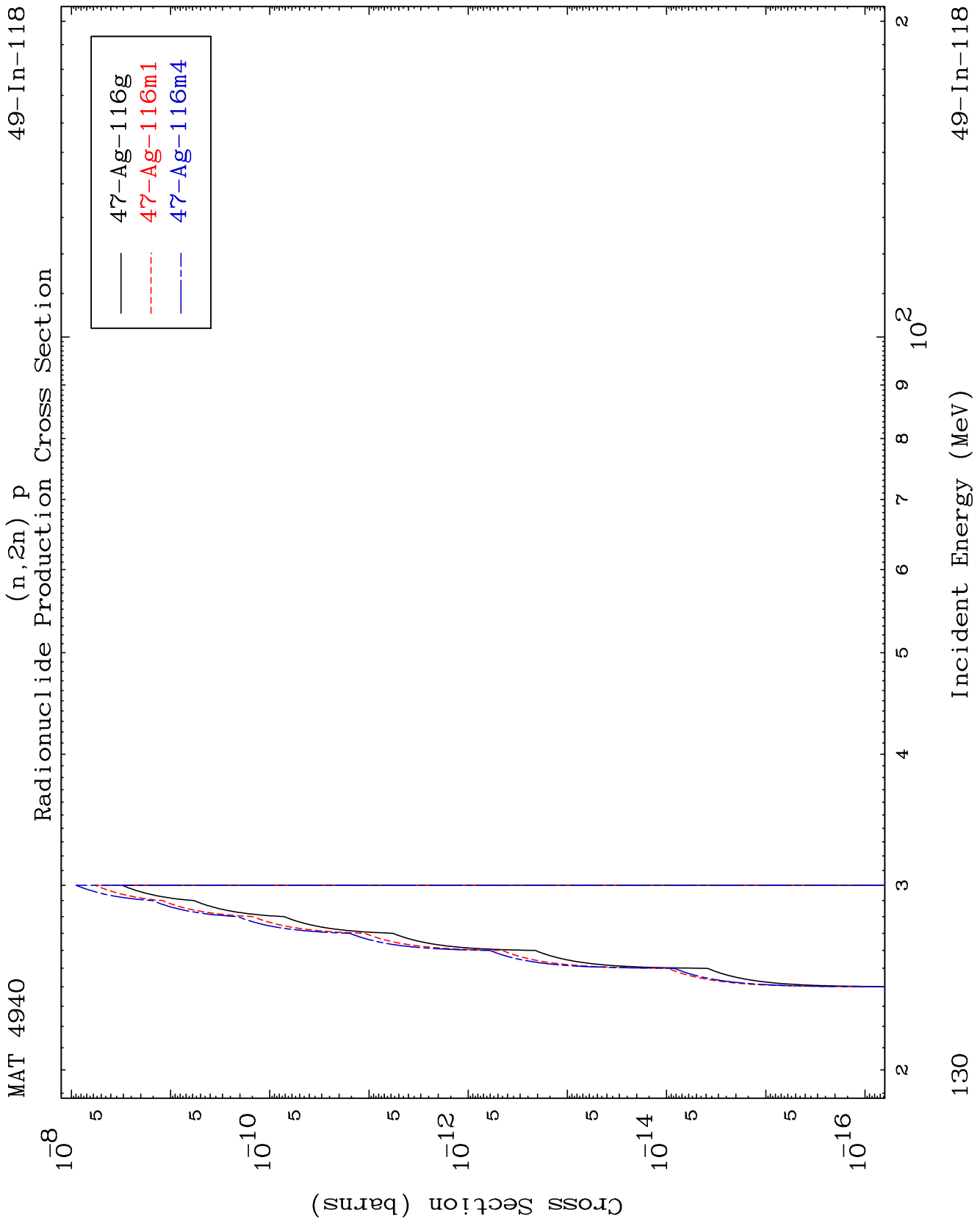
Radionuclide Production Cross Section



129

Incident Energy (MeV)

49-In-118

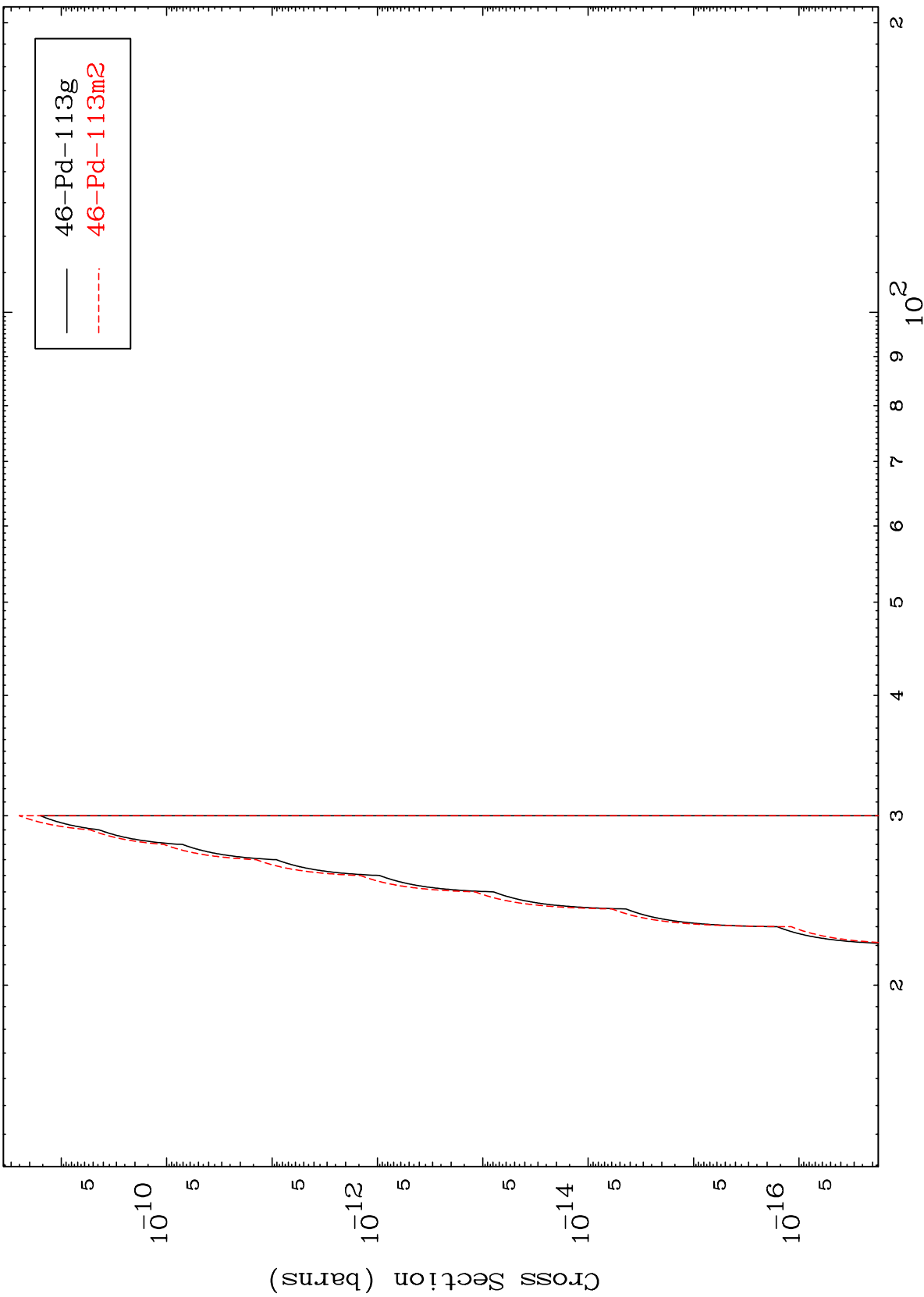


MAT 4940

(n,n') p  $\alpha$

49-In-118

Radionuclide Production Cross Section



131

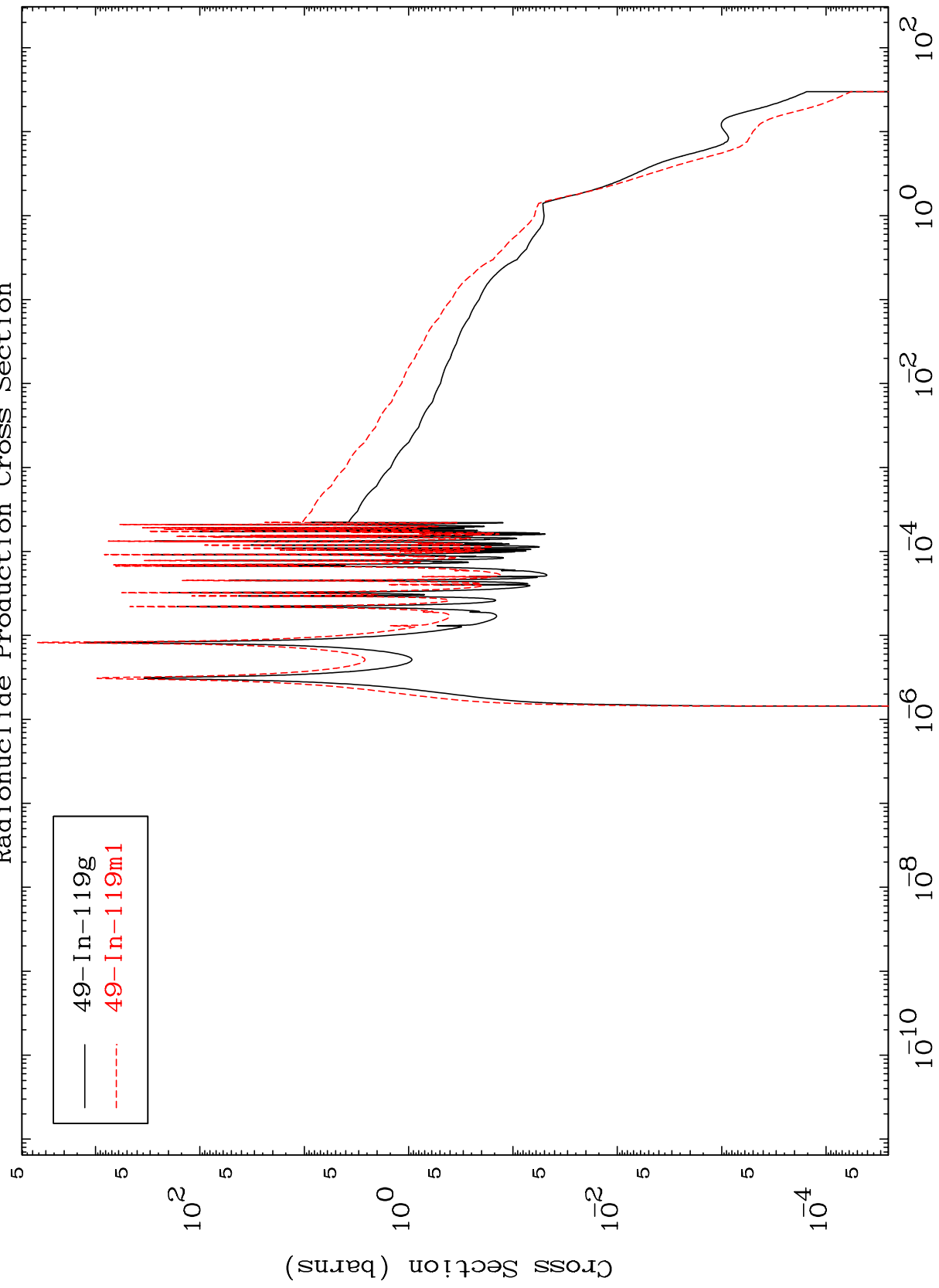
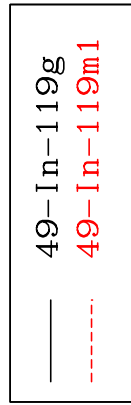
Incident Energy (MeV)

49-In-118

MAT 4940

49-In-118

Radionuclide Production Cross Section



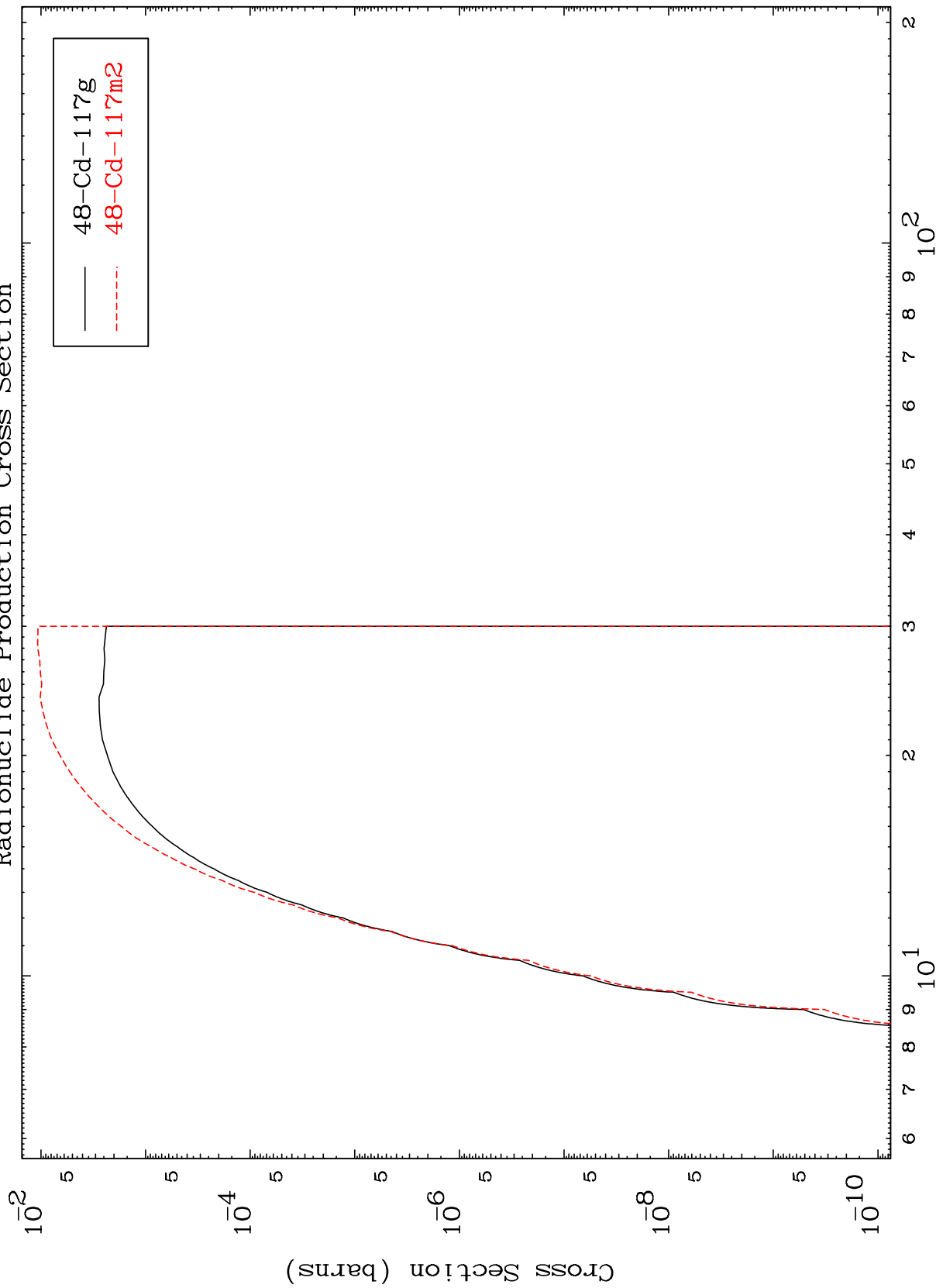
132

49-In-118

MAT 4940

49-In-118

(n,d)  
Radionuclide Production Cross Section



133

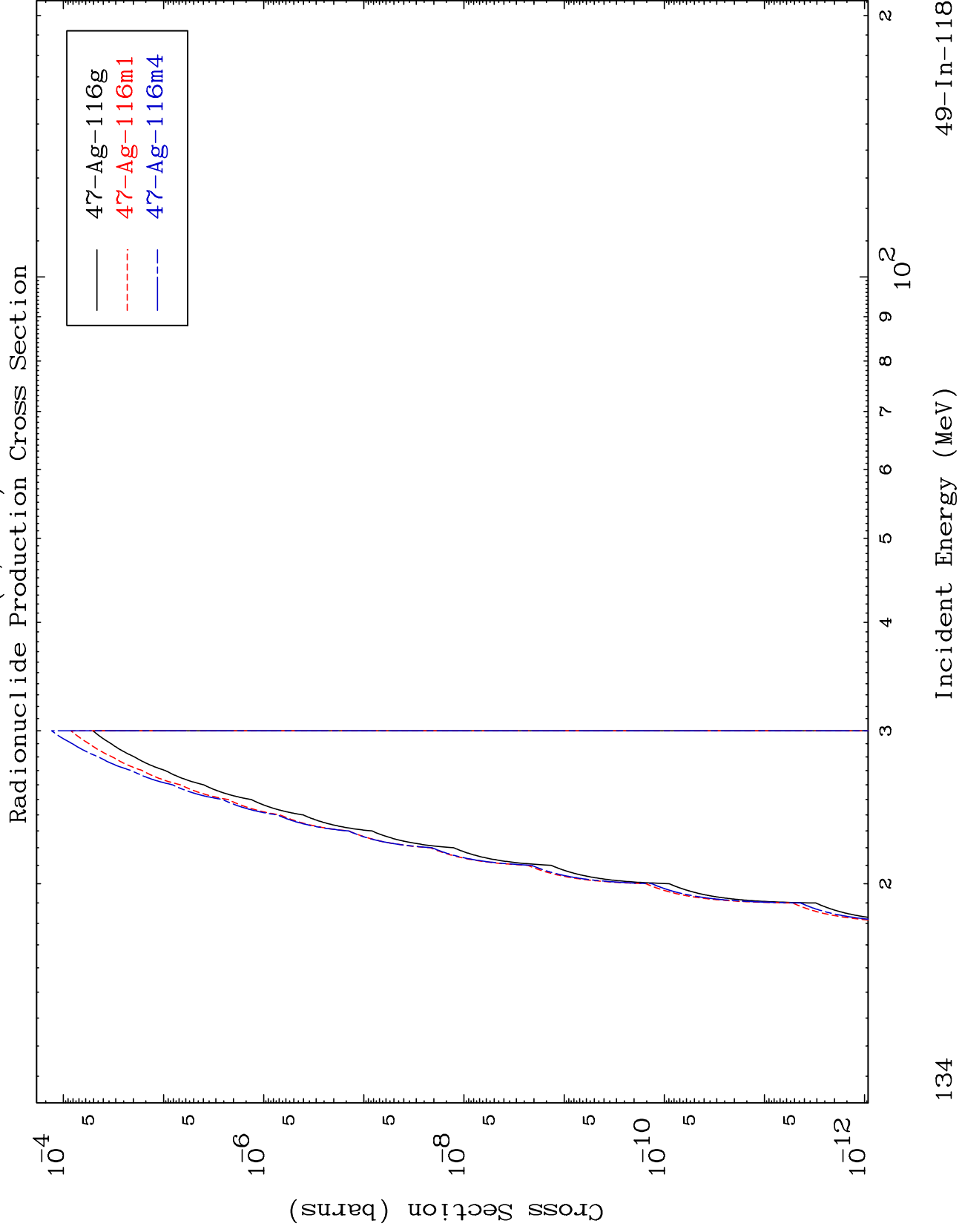
Incident Energy (MeV)

49-In-118

MAT 4940

(n,He-3)

49-In-118



134

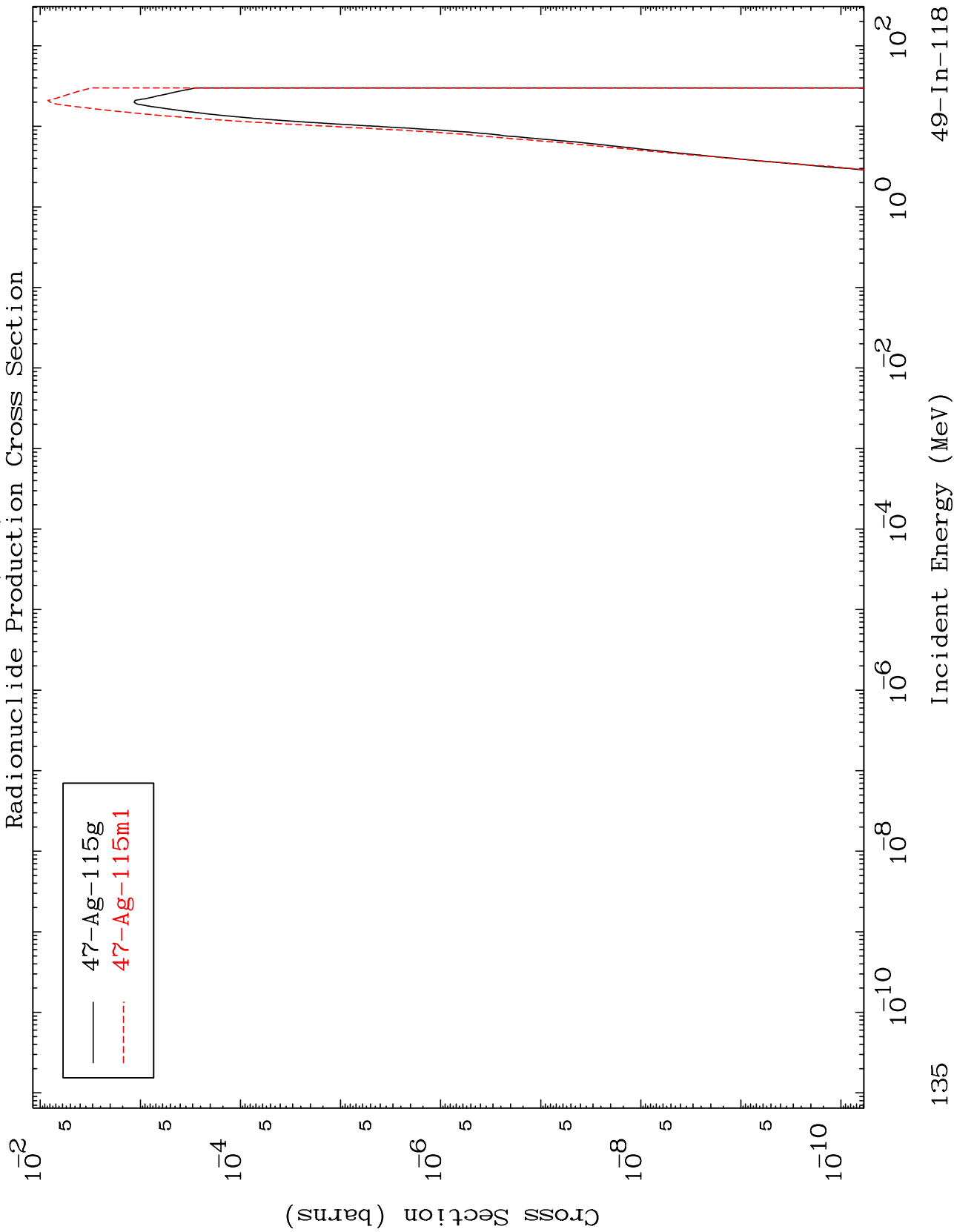
Incident Energy (MeV)

49-In-118

MAT 4940

49-In-118

Radionuclide Production Cross Section



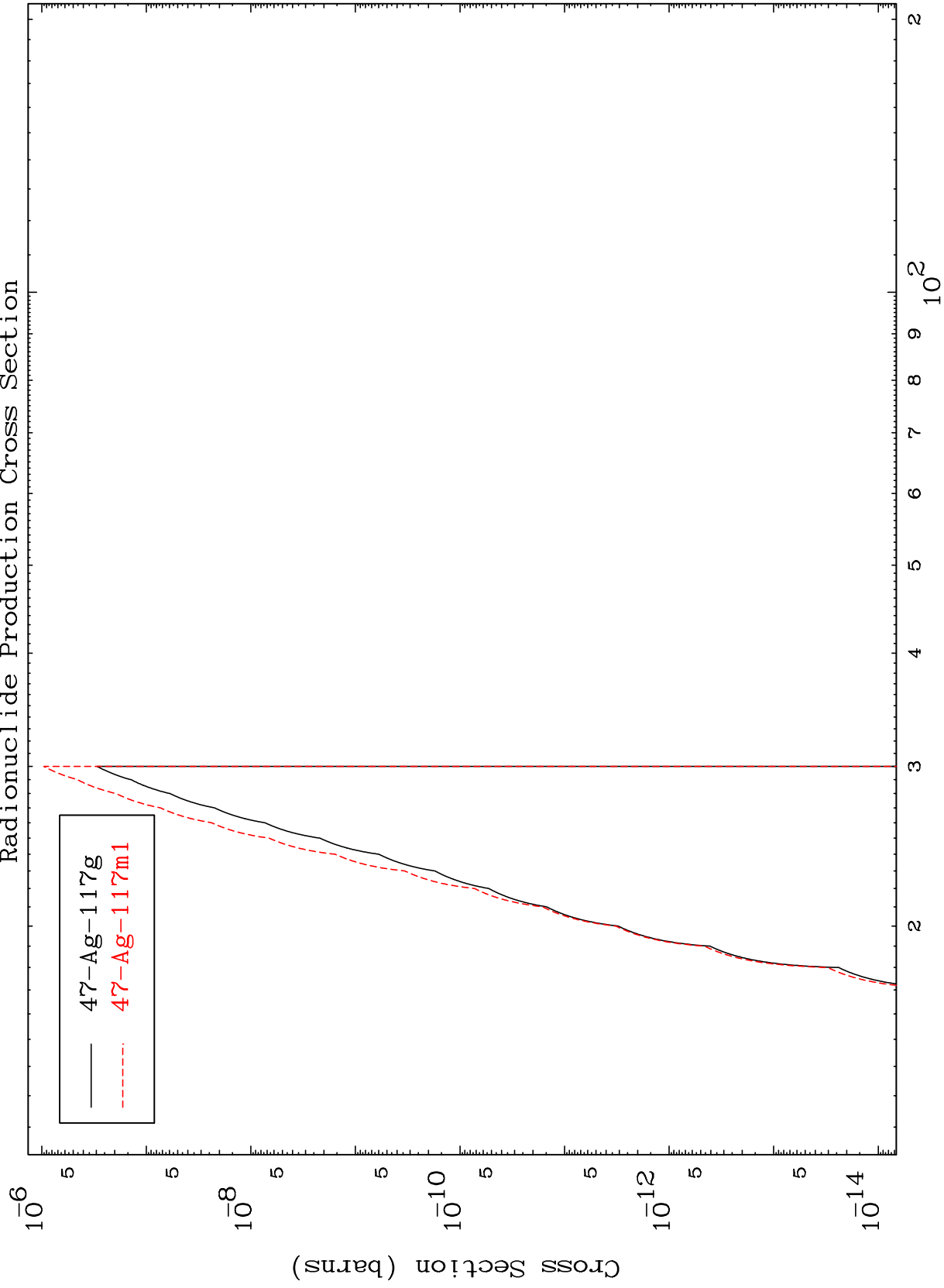
135



MAT 4940

49-In-118

(n,2p)  
Radionuclide Production Cross Section

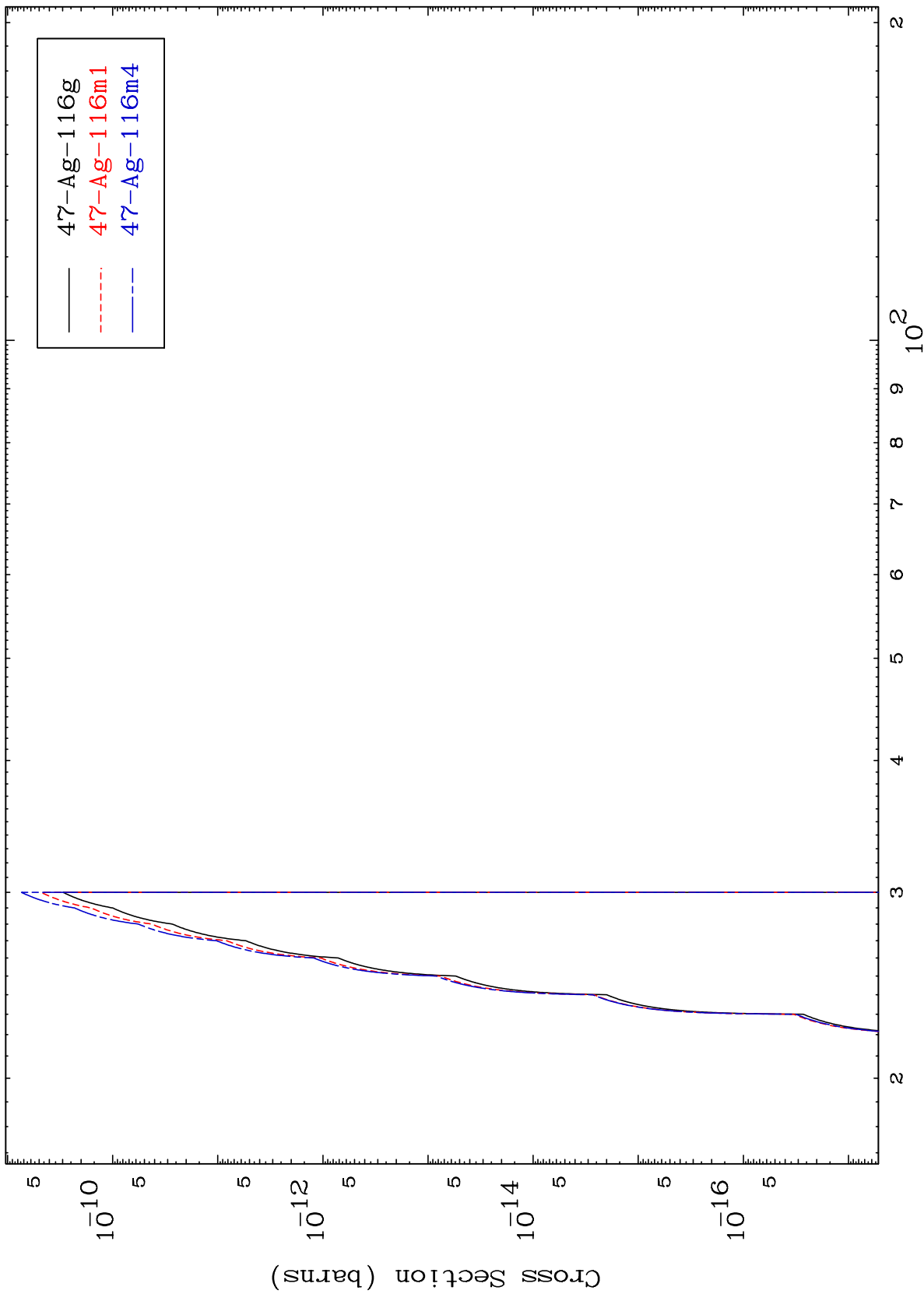


136

Incident Energy (MeV)

49-In-118

Radionuclide Production Cross Section



Radionuclide Production Cross Section

