

Program EVALPLOT
(Version 2021-1)

by

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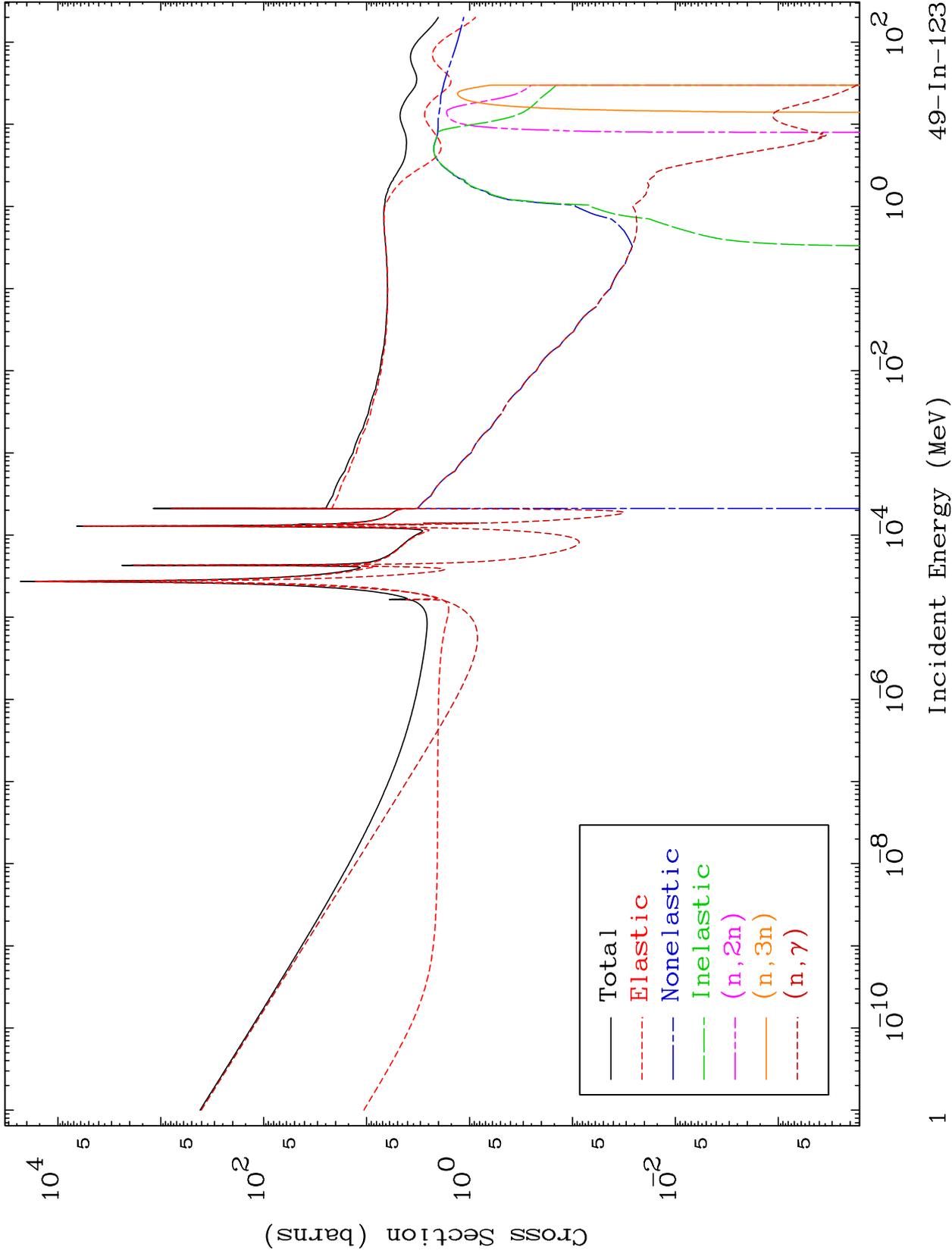
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Press Mouse Button to Start

MAT 4955

Neutron Major
293 Kelvin Cross Sections

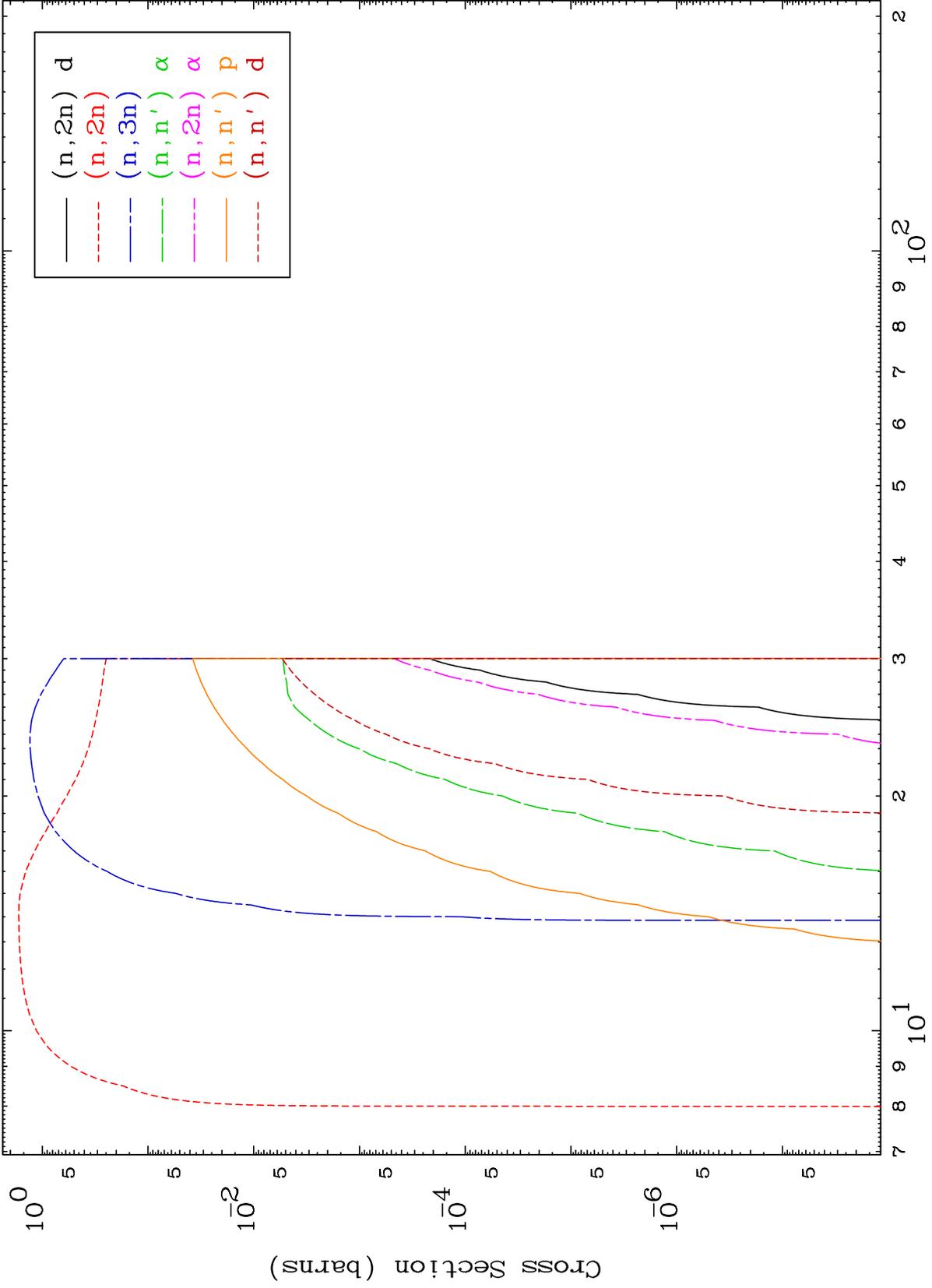
49-In-123



MAT 4955

Neutron Absorption
293 Kelvin Cross Sections

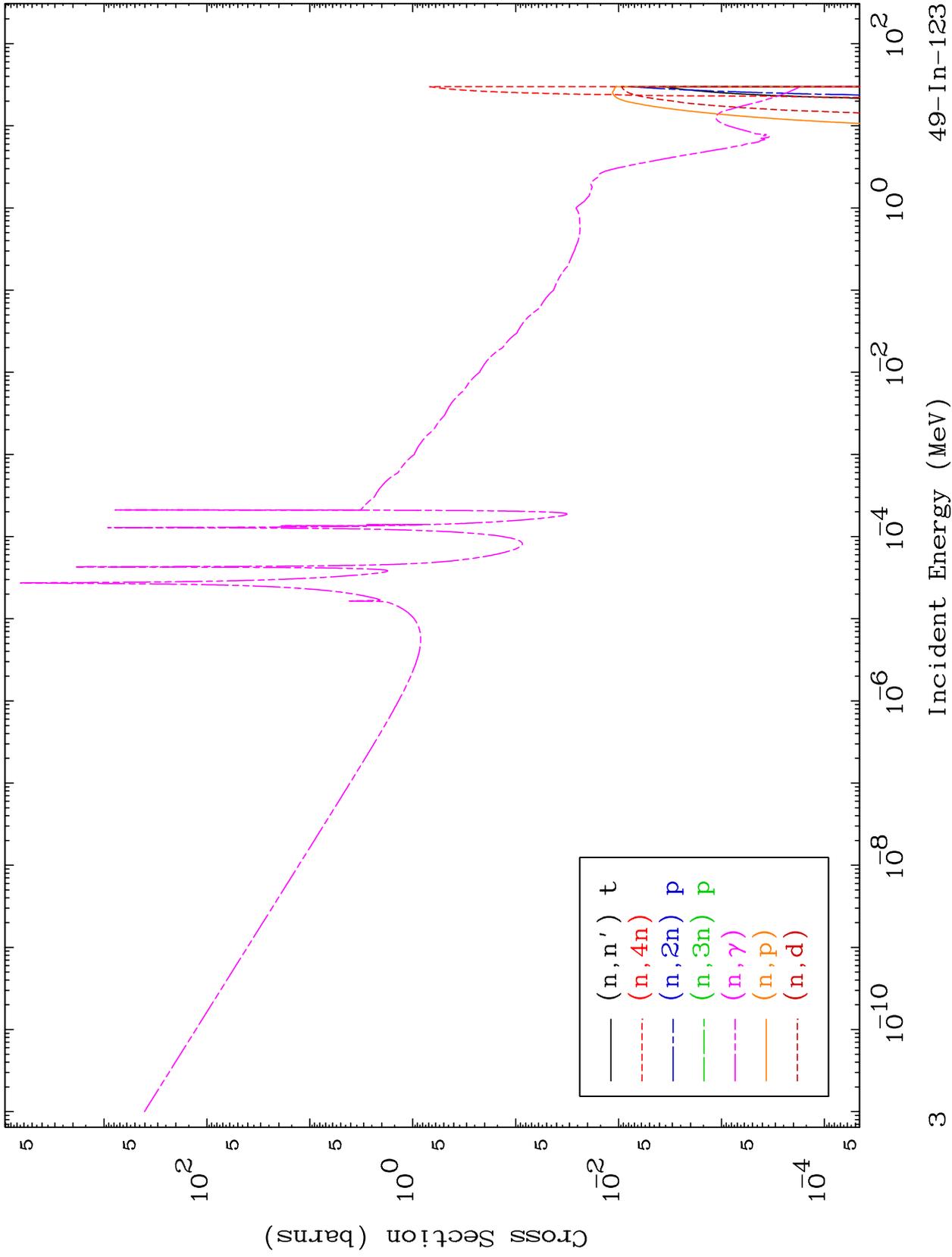
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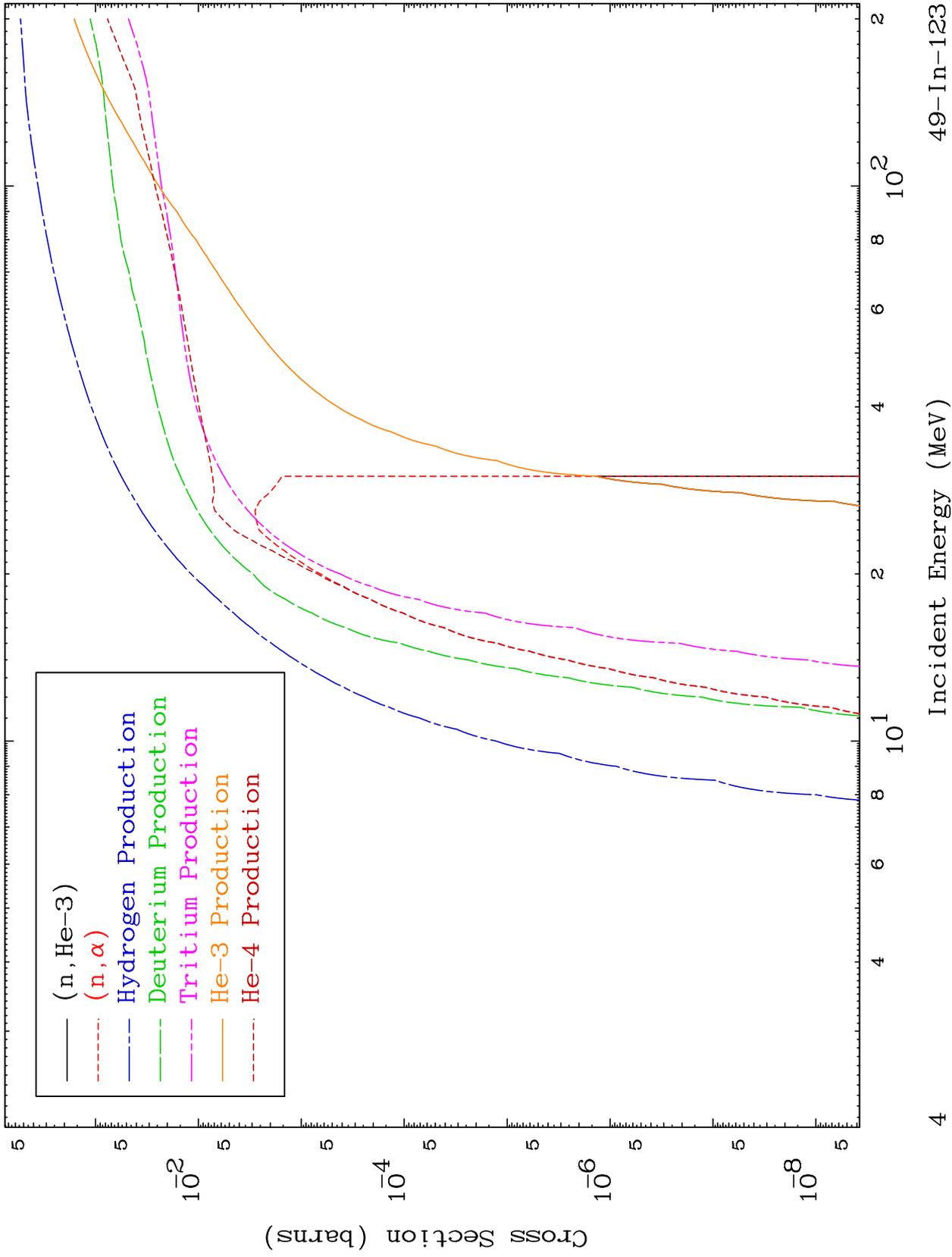


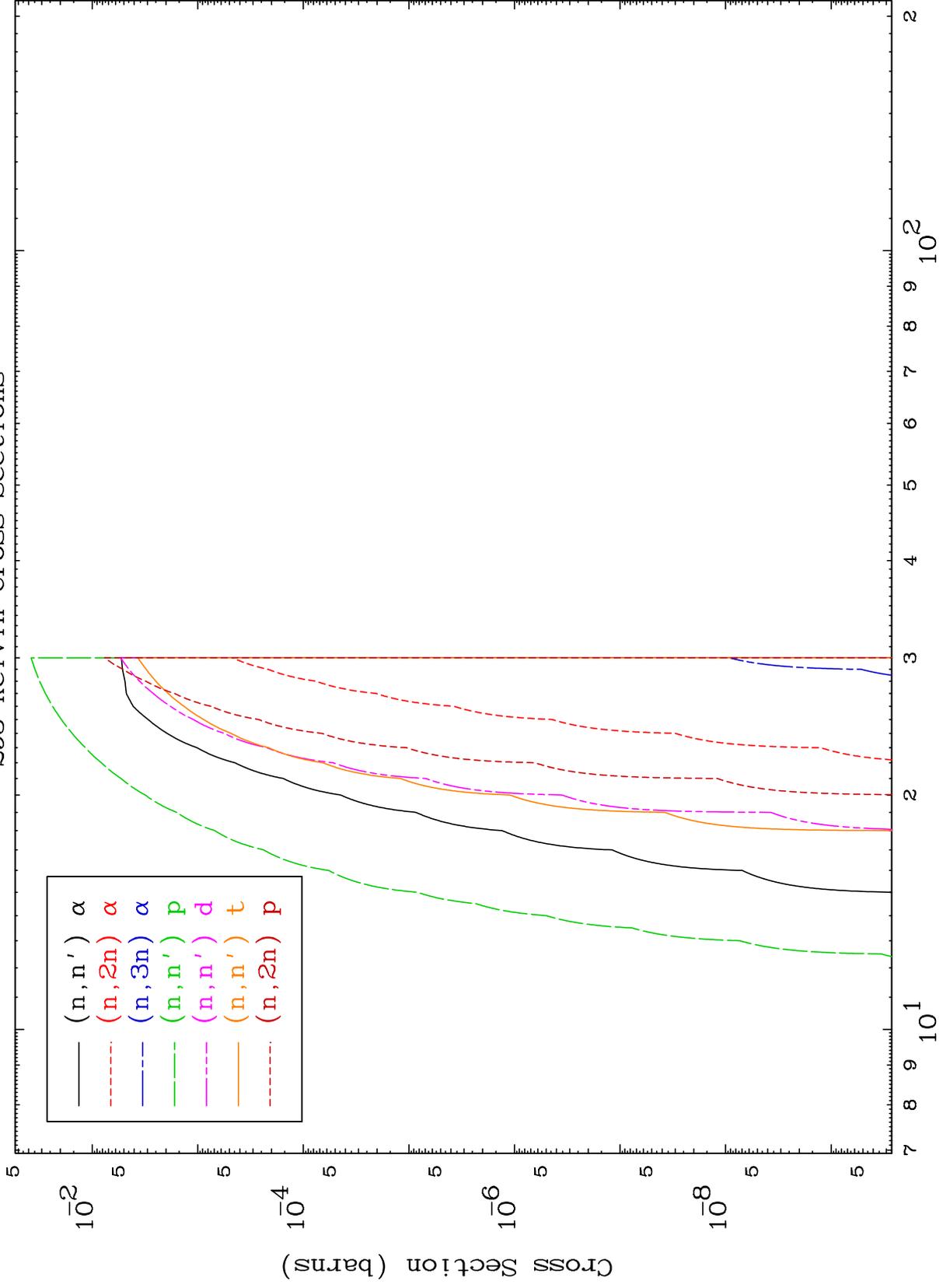
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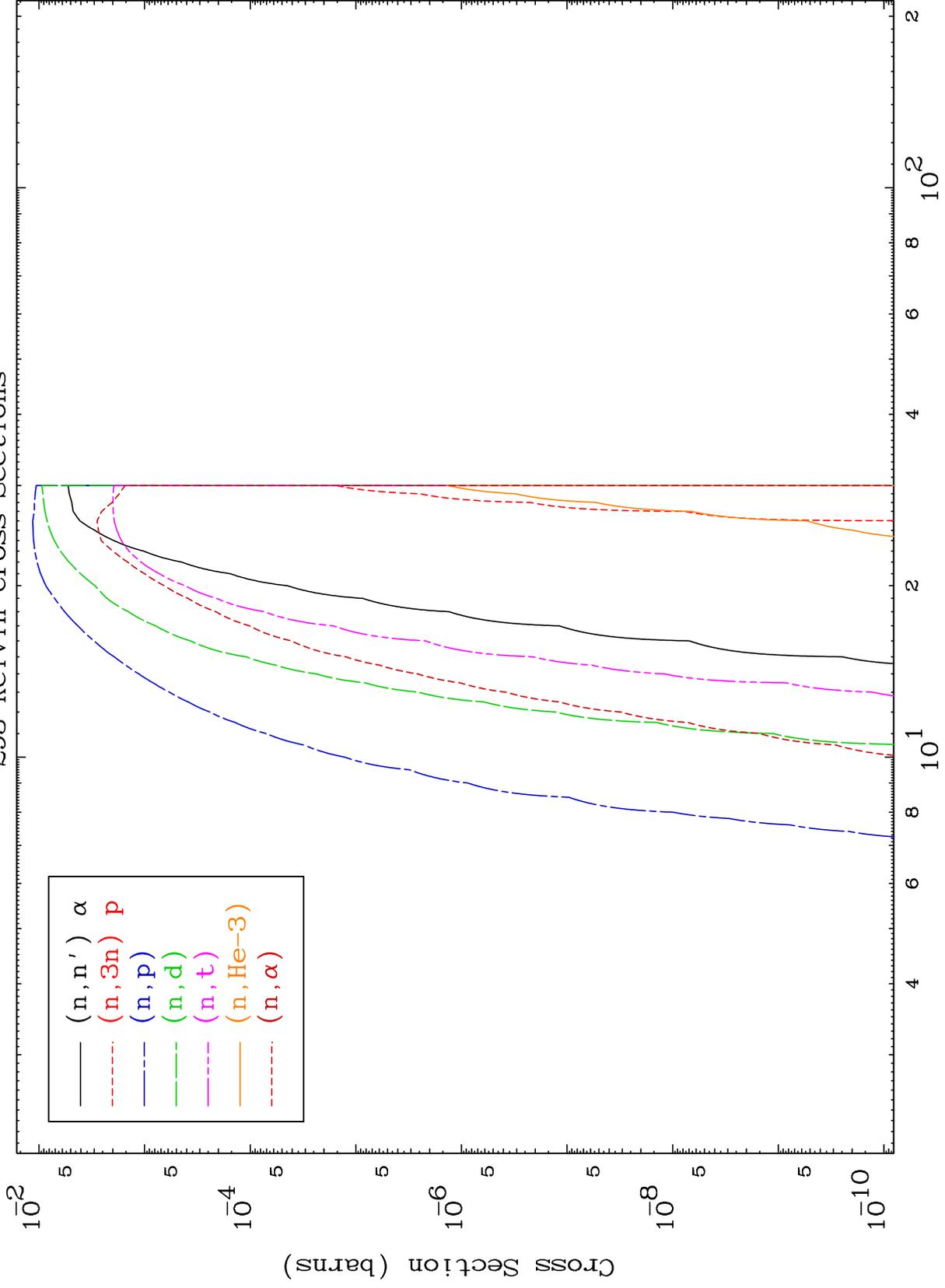
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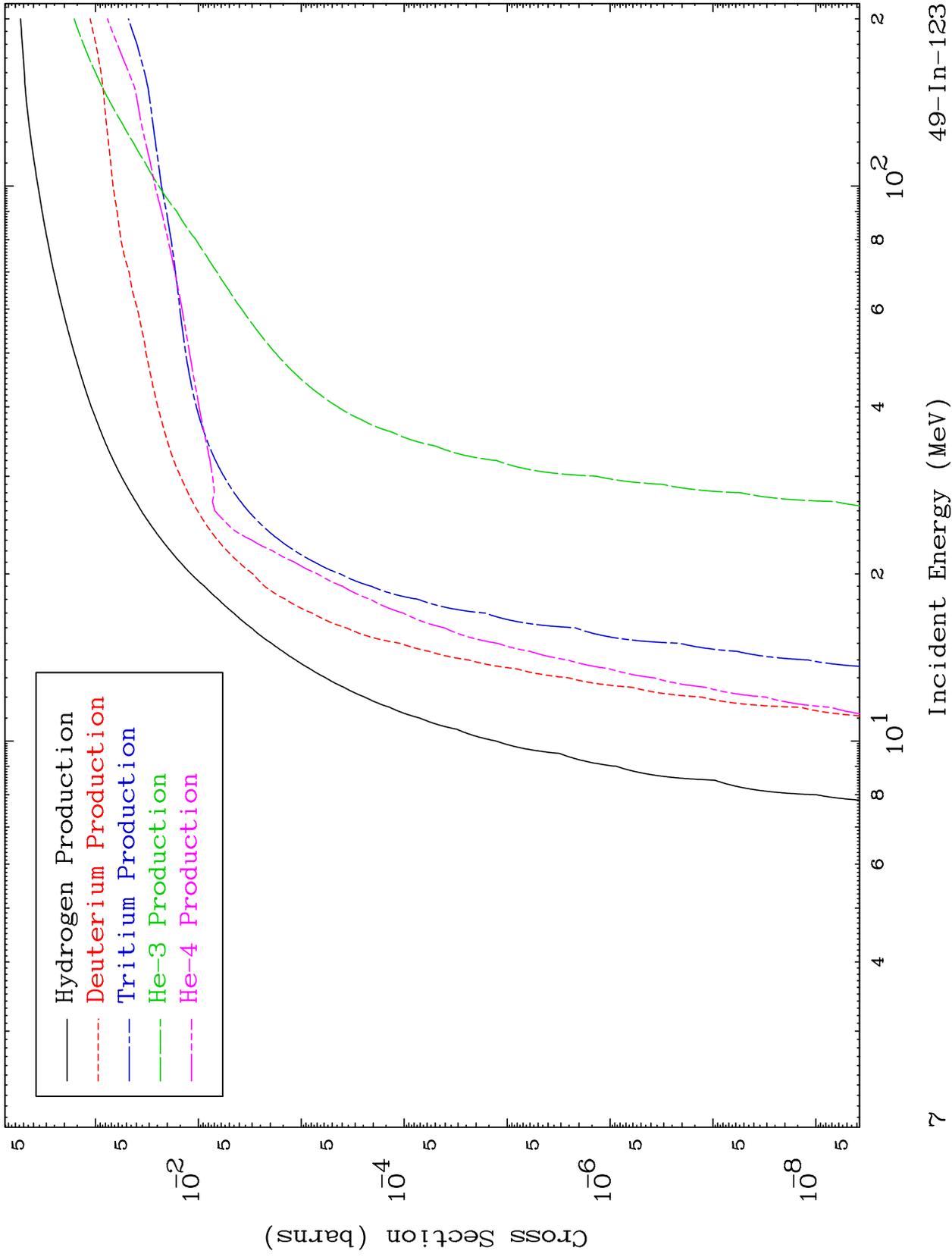
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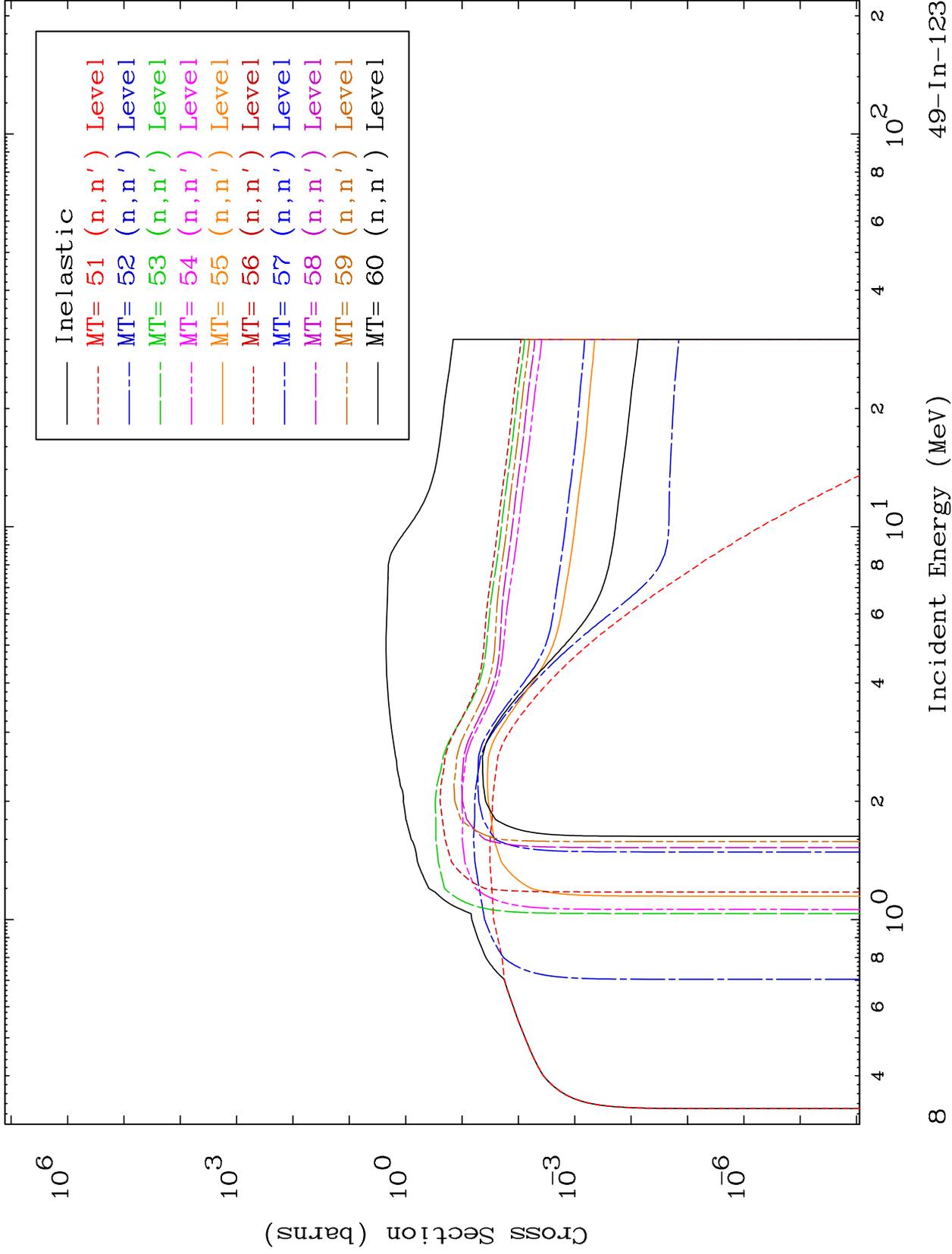


MAT 4955

(n,n') Levels

49-In-123

293 Kelvin Cross Sections

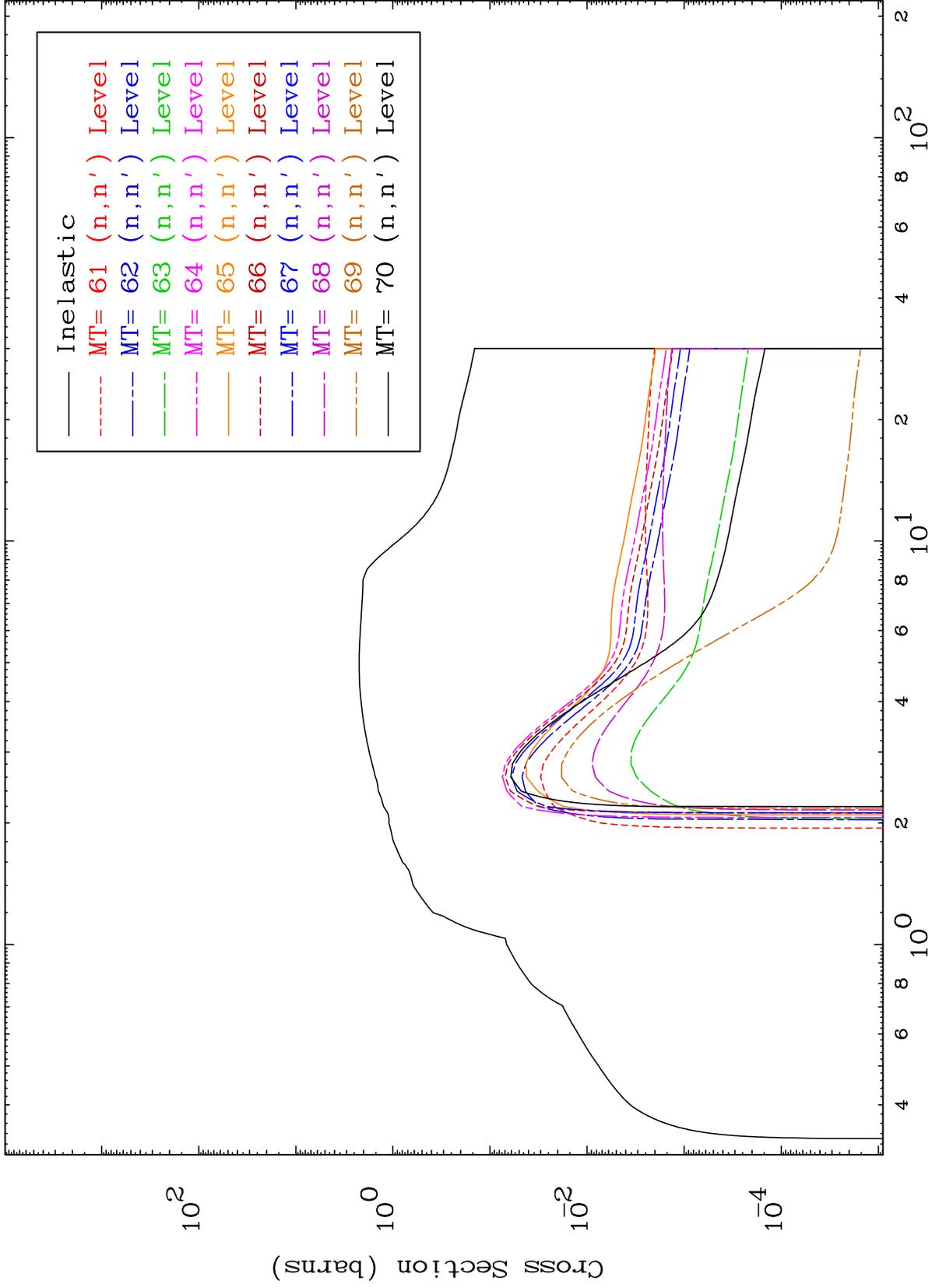


MAT 4955

(n,n') Levels

49-In-123

293 Kelvin Cross Sections

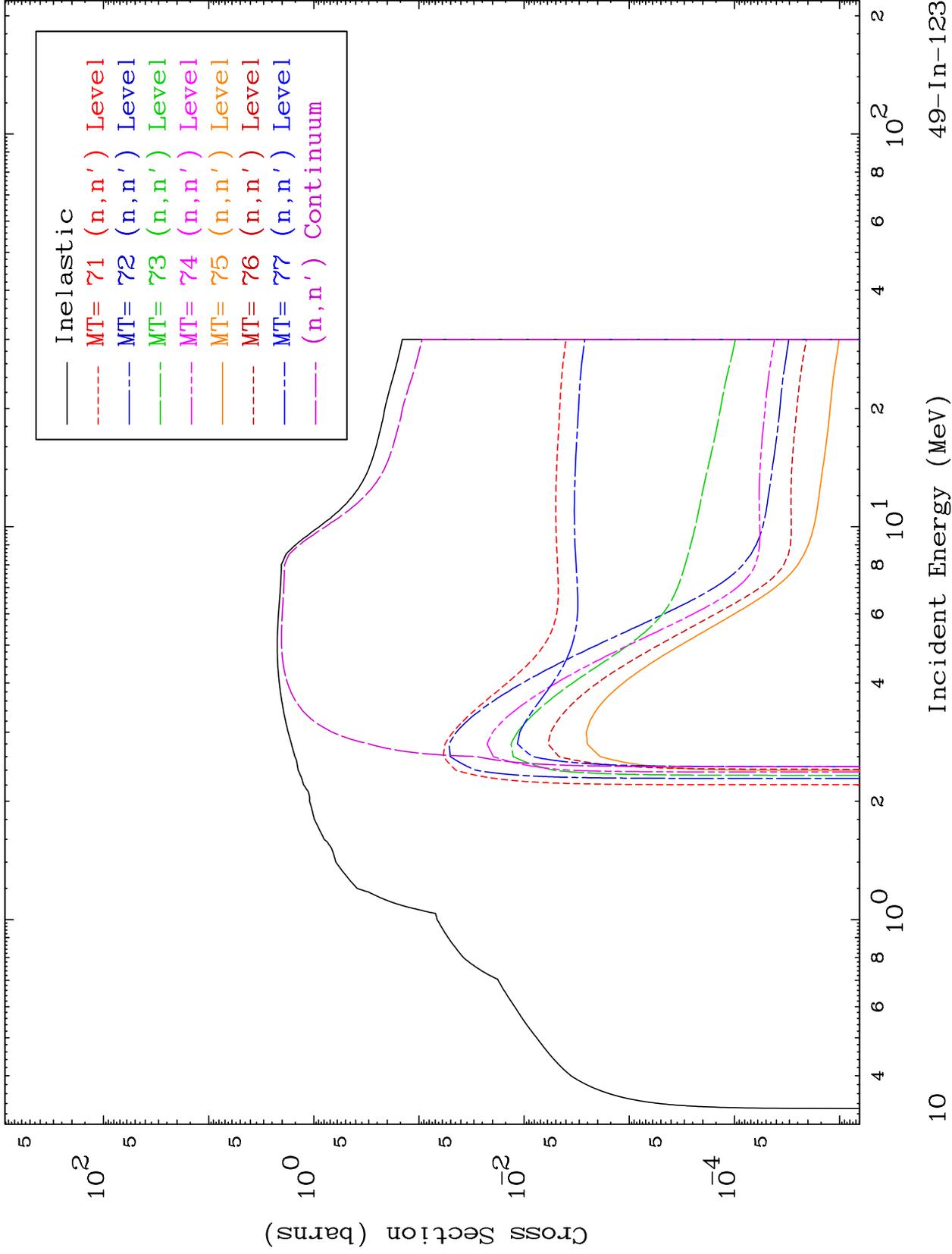


MAT 4955

(n,n') Levels

49-In-123

293 Kelvin Cross Sections



49-In-123

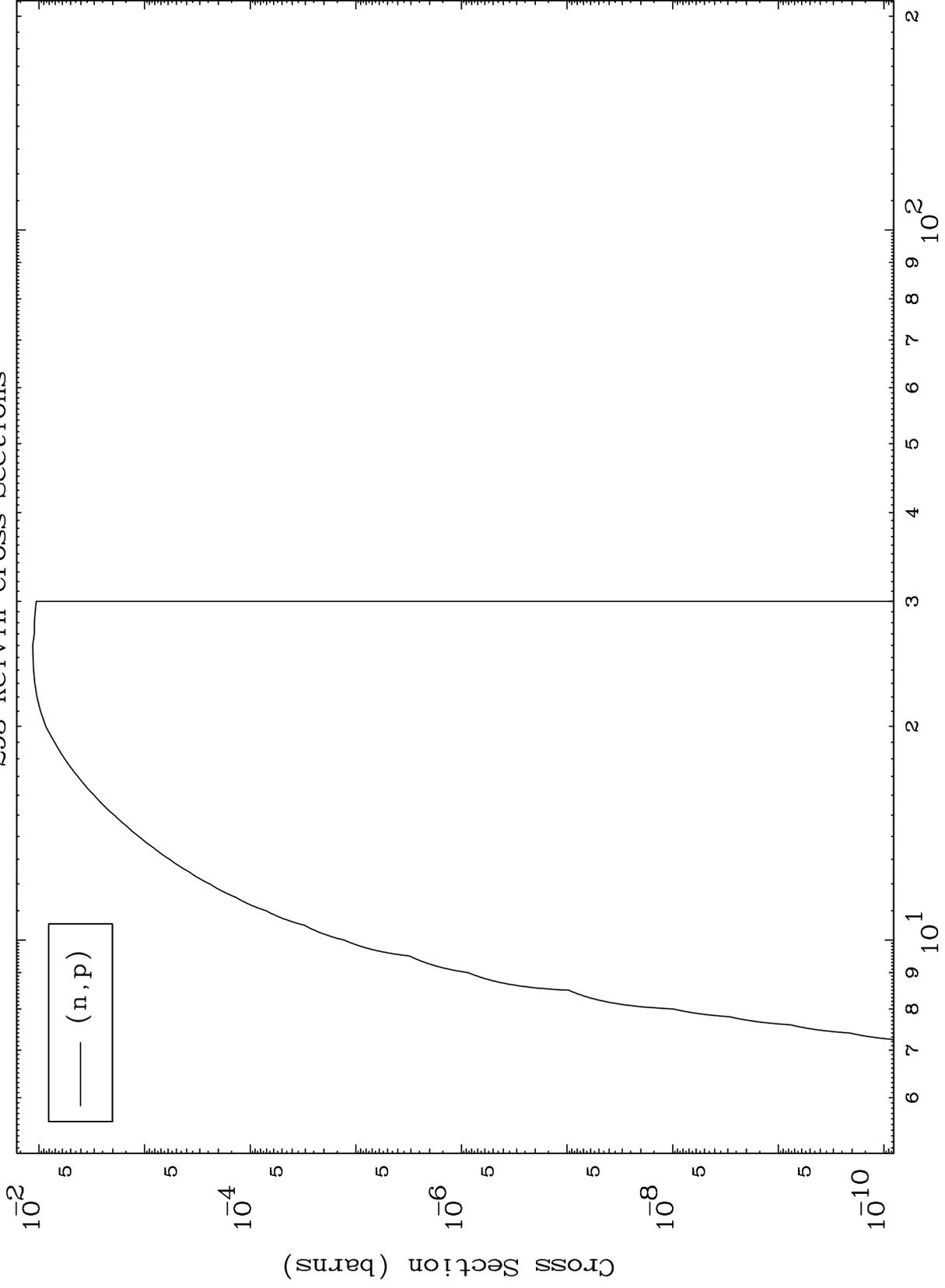
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10

MAT 4955

(n,p) Levels
293 Kelvin Cross Sections

49-In-123



11

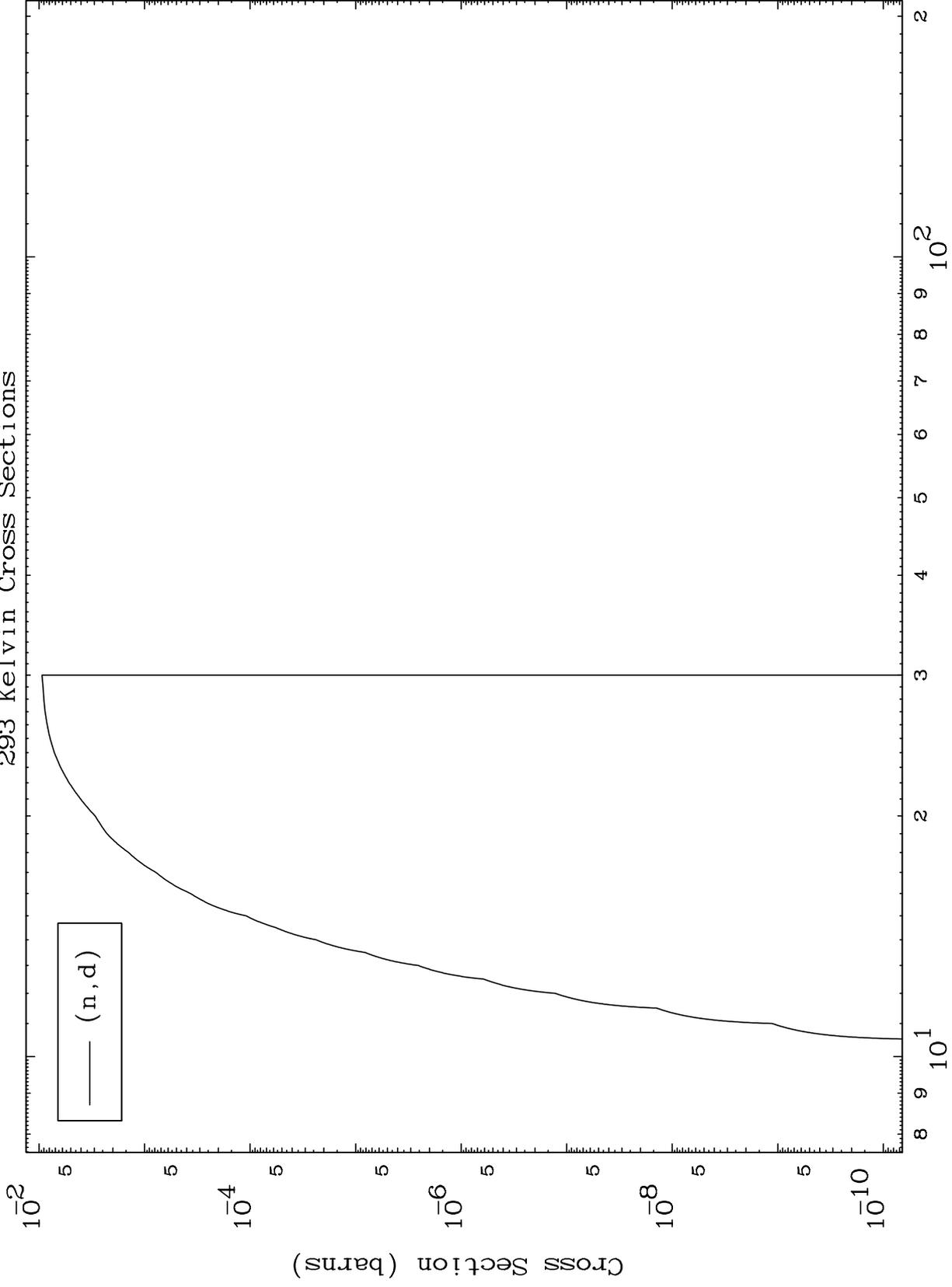
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MAT 4955

(n,d) Levels
293 Kelvin Cross Sections

49-In-123



12

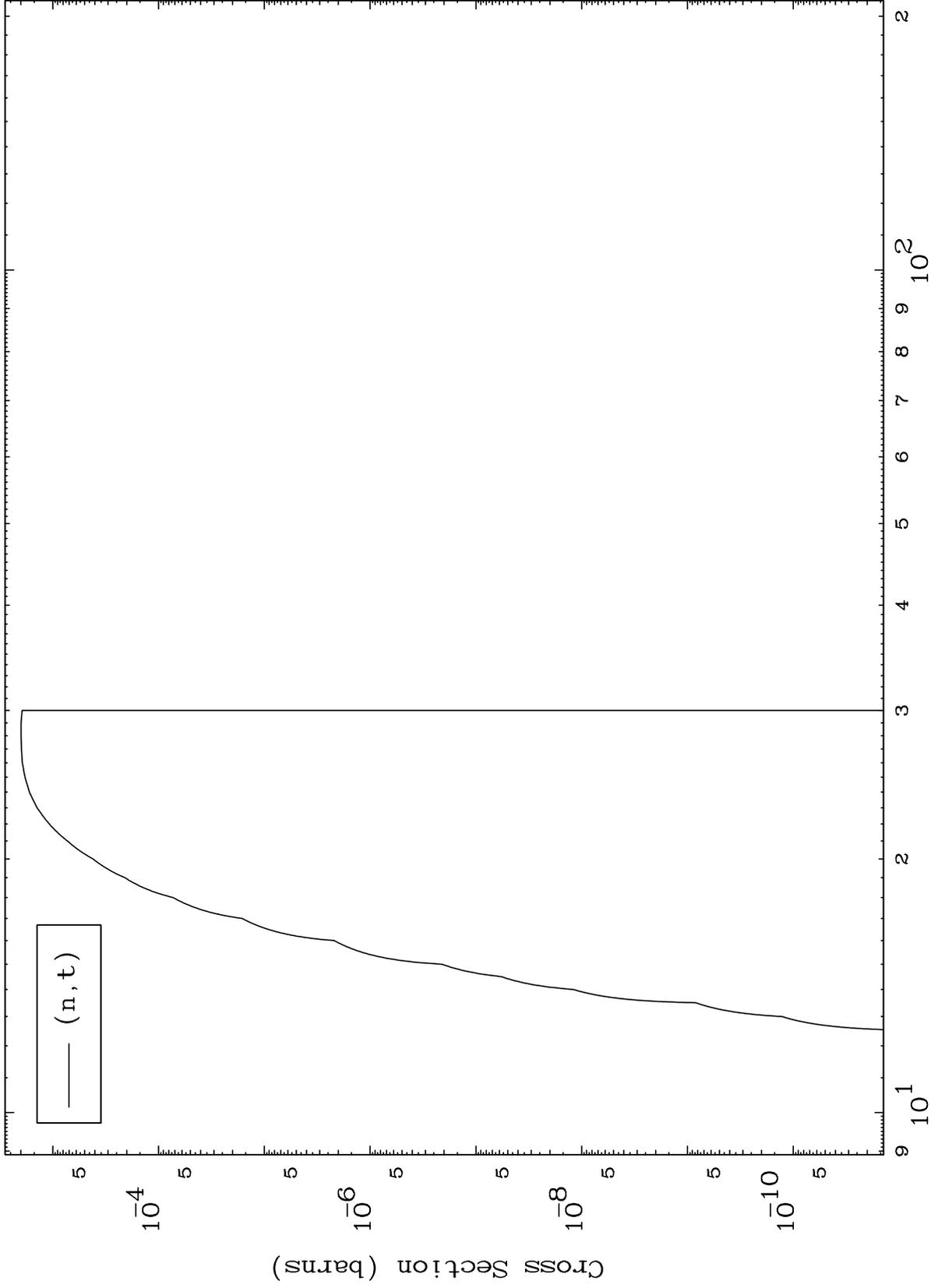
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MAT 4955

(n,t) Levels
293 Kelvin Cross Sections

49-In-123



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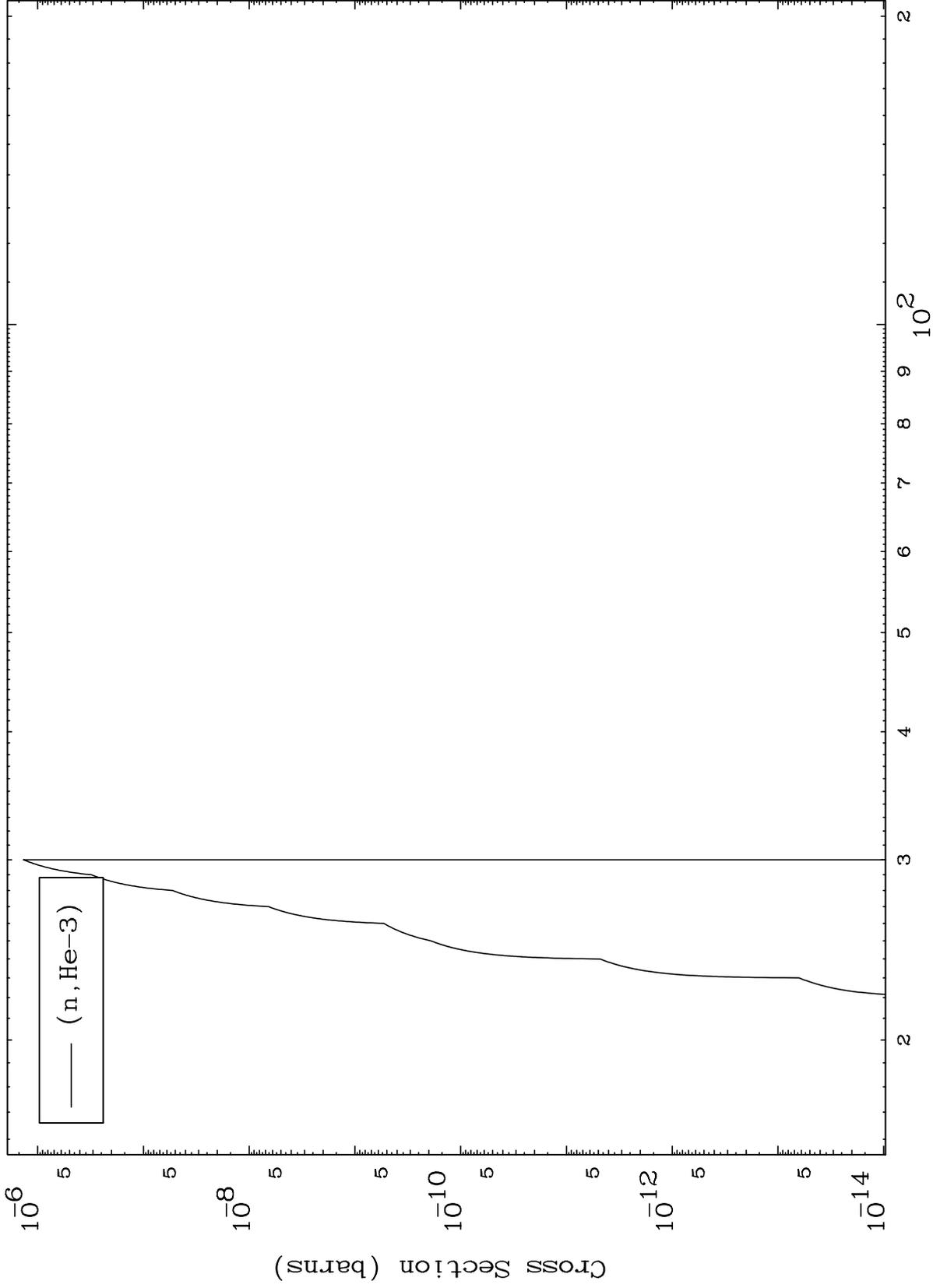
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49-In-123

MAT 4955

(n,He3) Levels
293 Kelvin Cross Sections

49-In-123



14

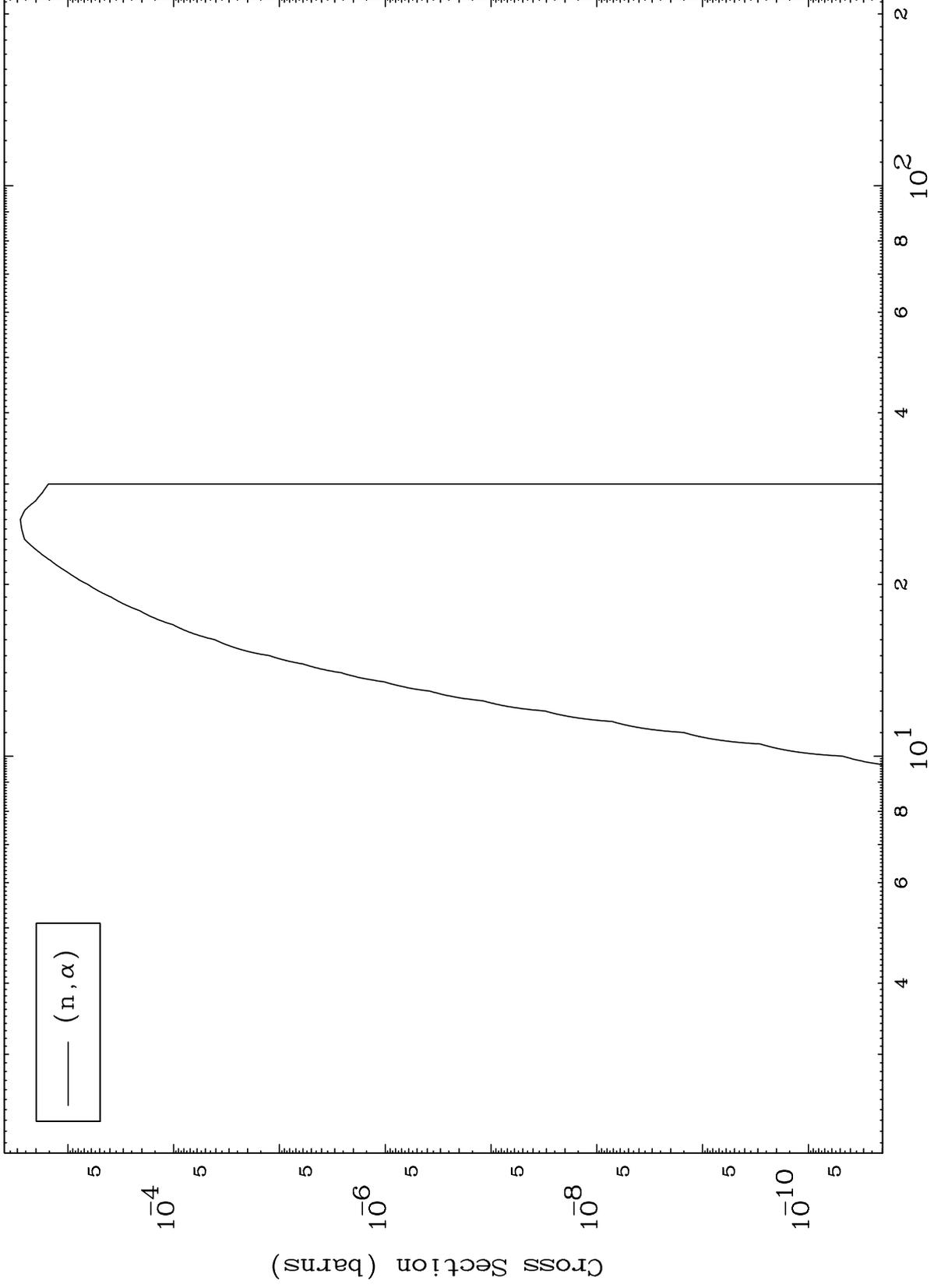
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49-In-123

MAT 4955

(n, α) Levels
293 Kelvin Cross Sections

49-In-123



15

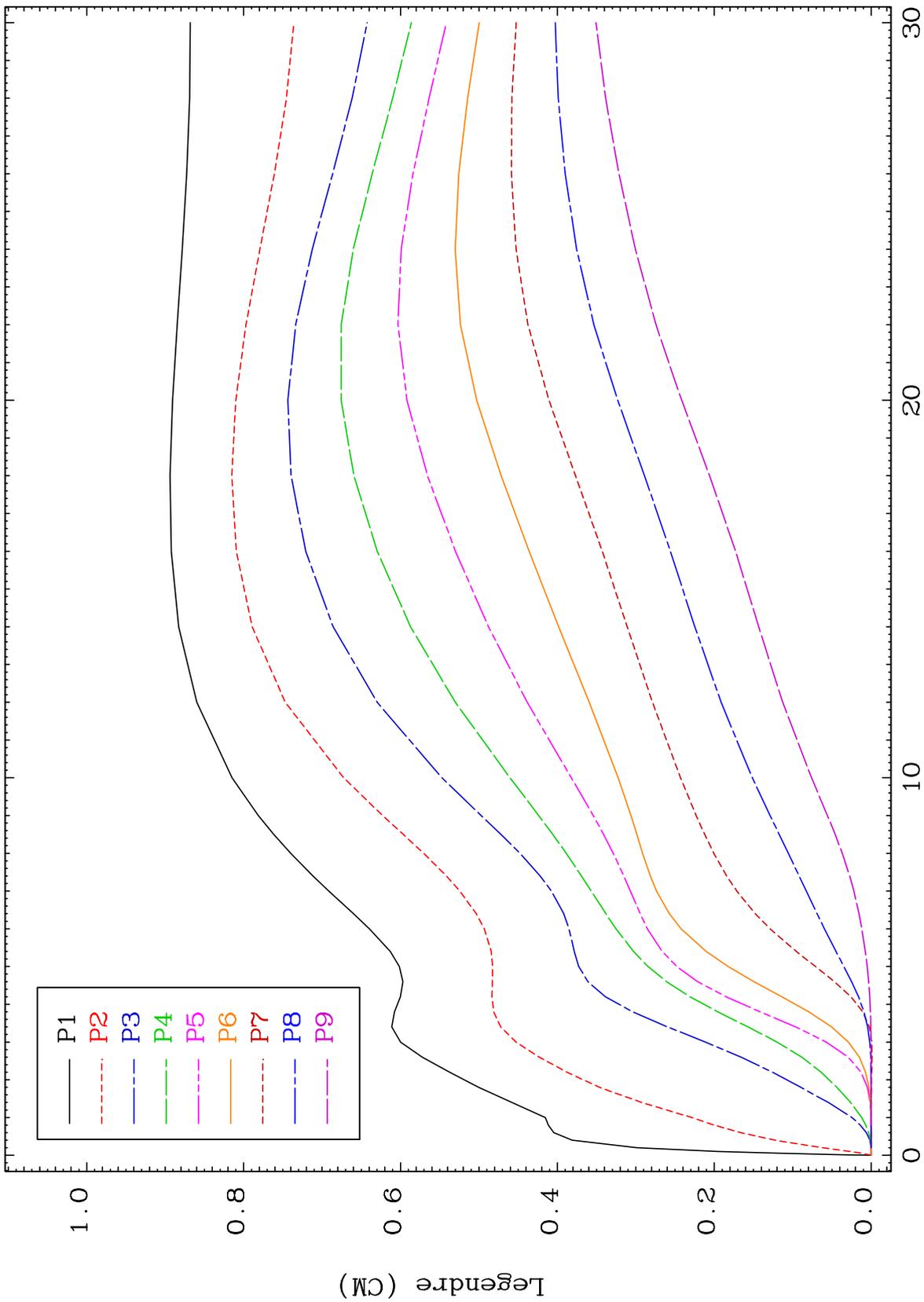
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49-In-123

MAT 4955

Elastic Legendre Coefficients

49-In-123



16

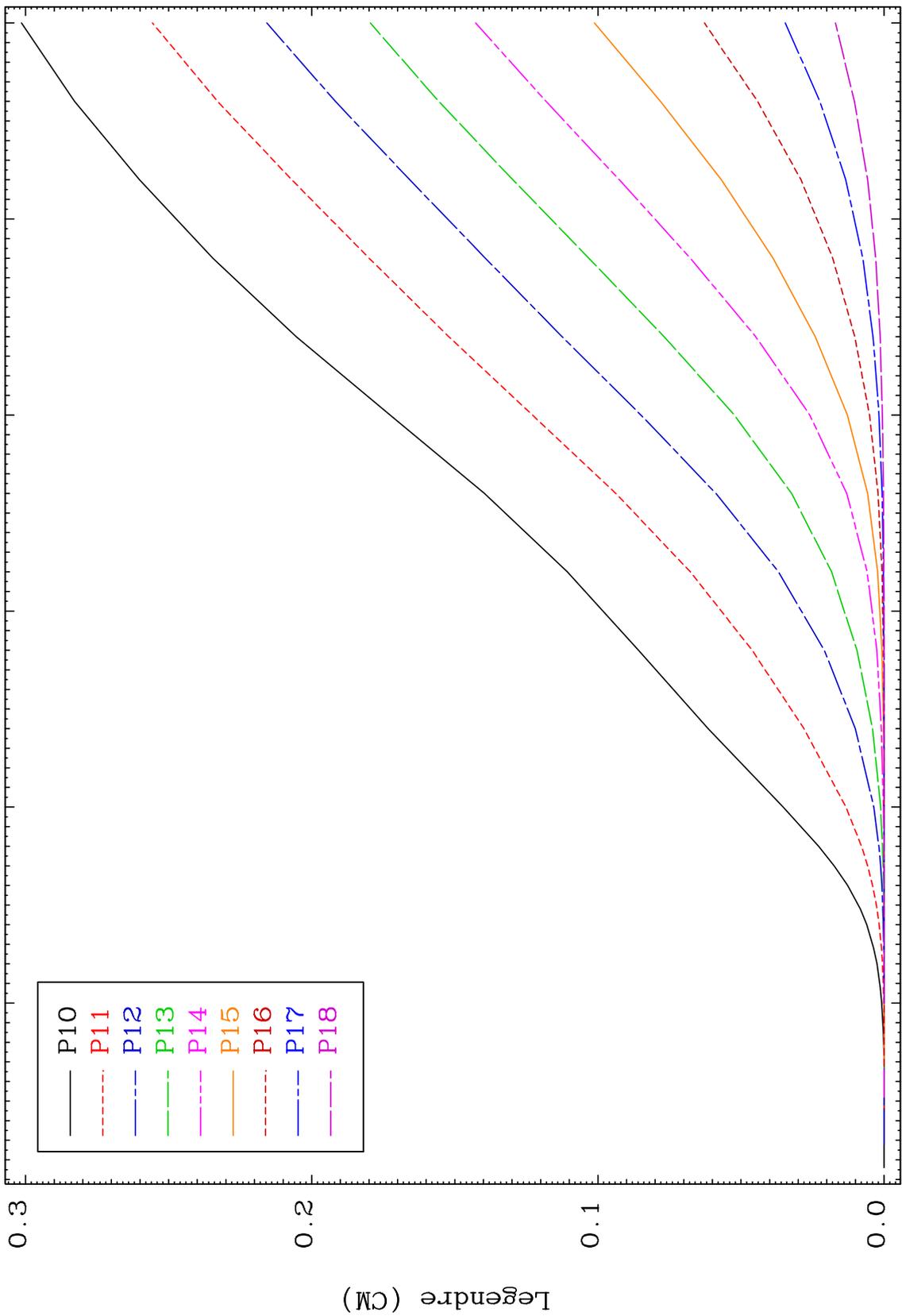
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49-In-123

MAT 4955

Elastic Legendre Coefficients

49-In-123



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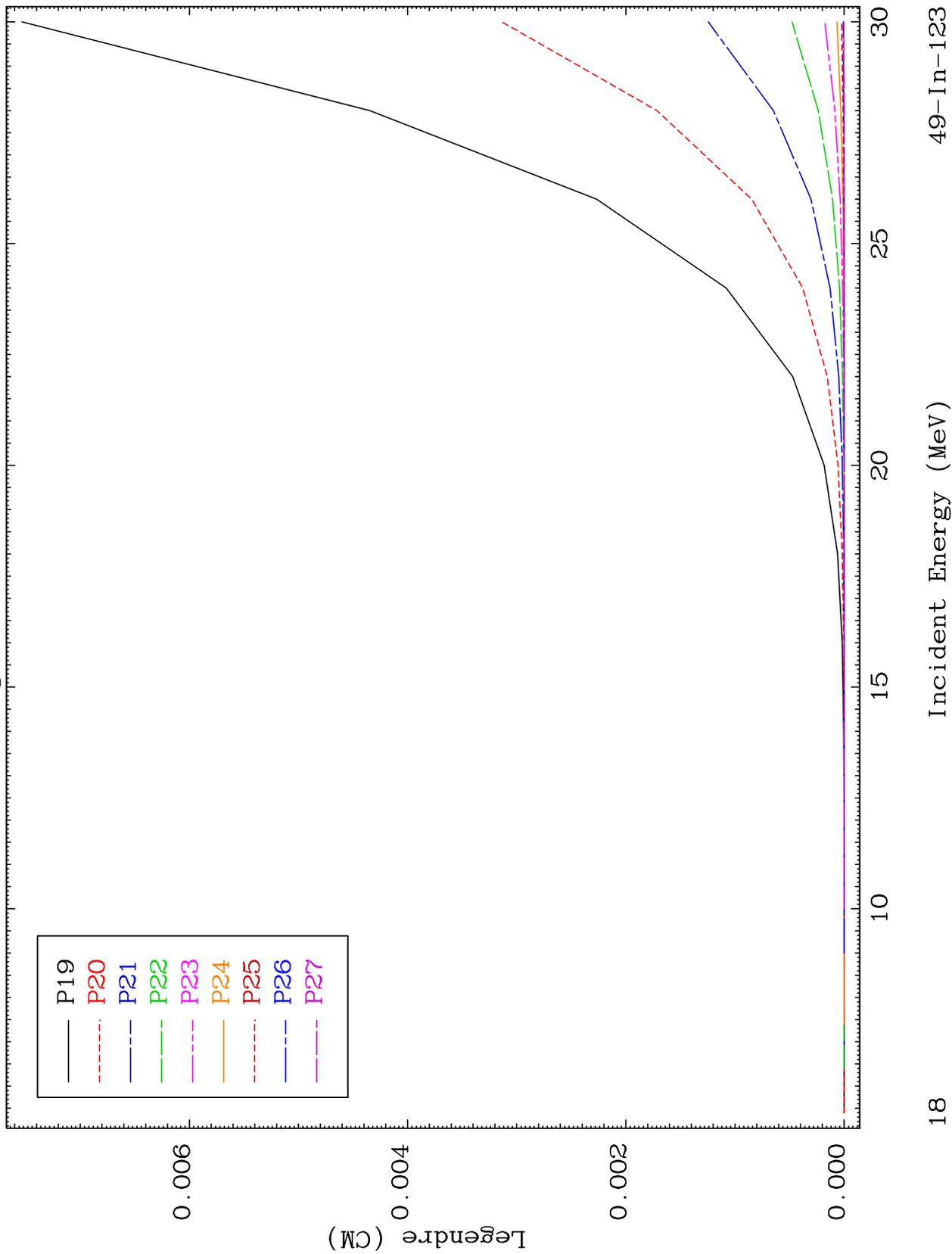
Incident Energy (MeV)

49-In-123

MAT 4955

Elastic Legendre Coefficients

49-In-123



18

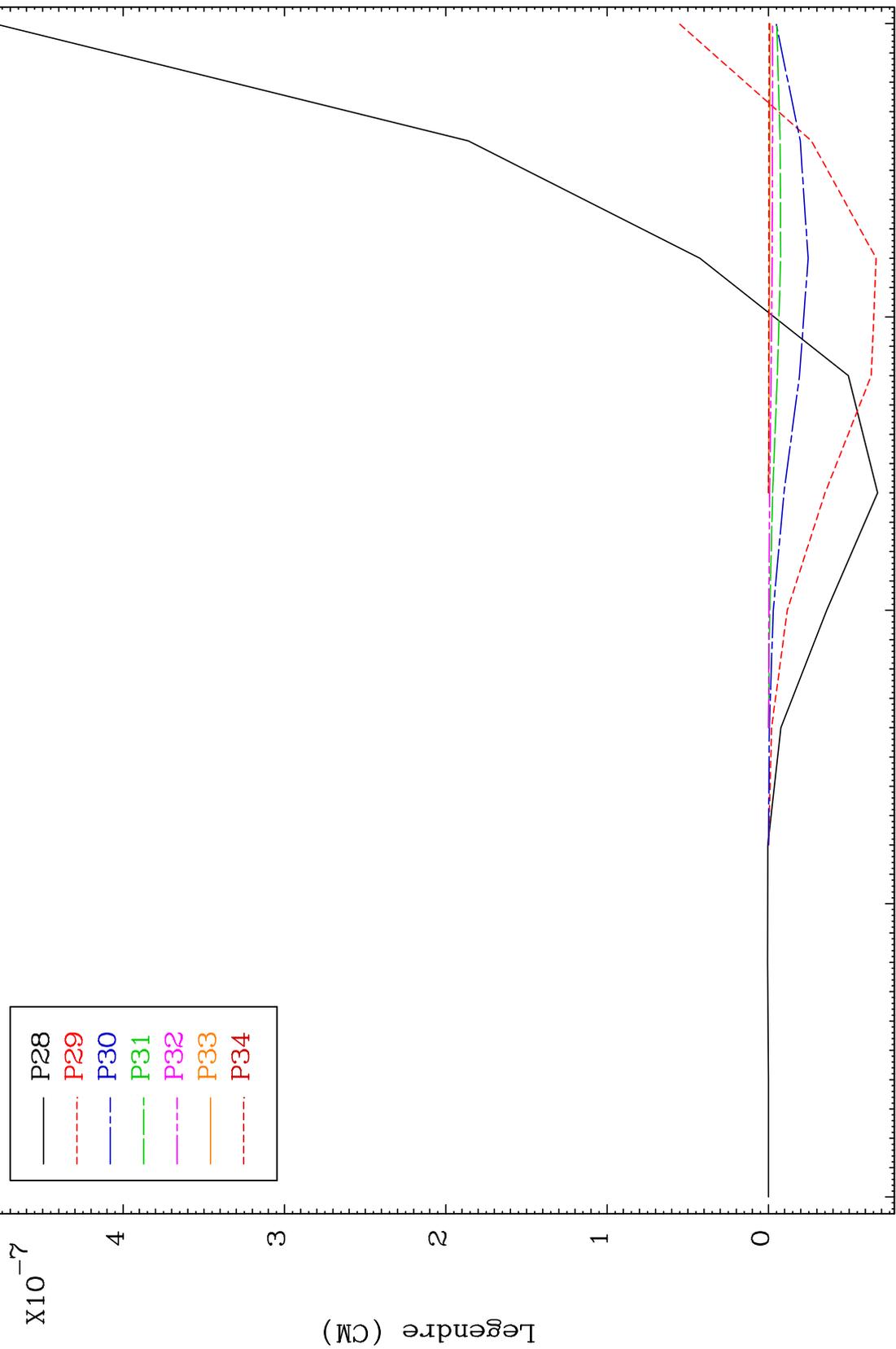
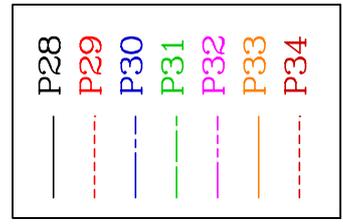
Incident Energy (MeV)

49-In-123

MAT 4955

Elastic Legendre Coefficients

49-In-123



19

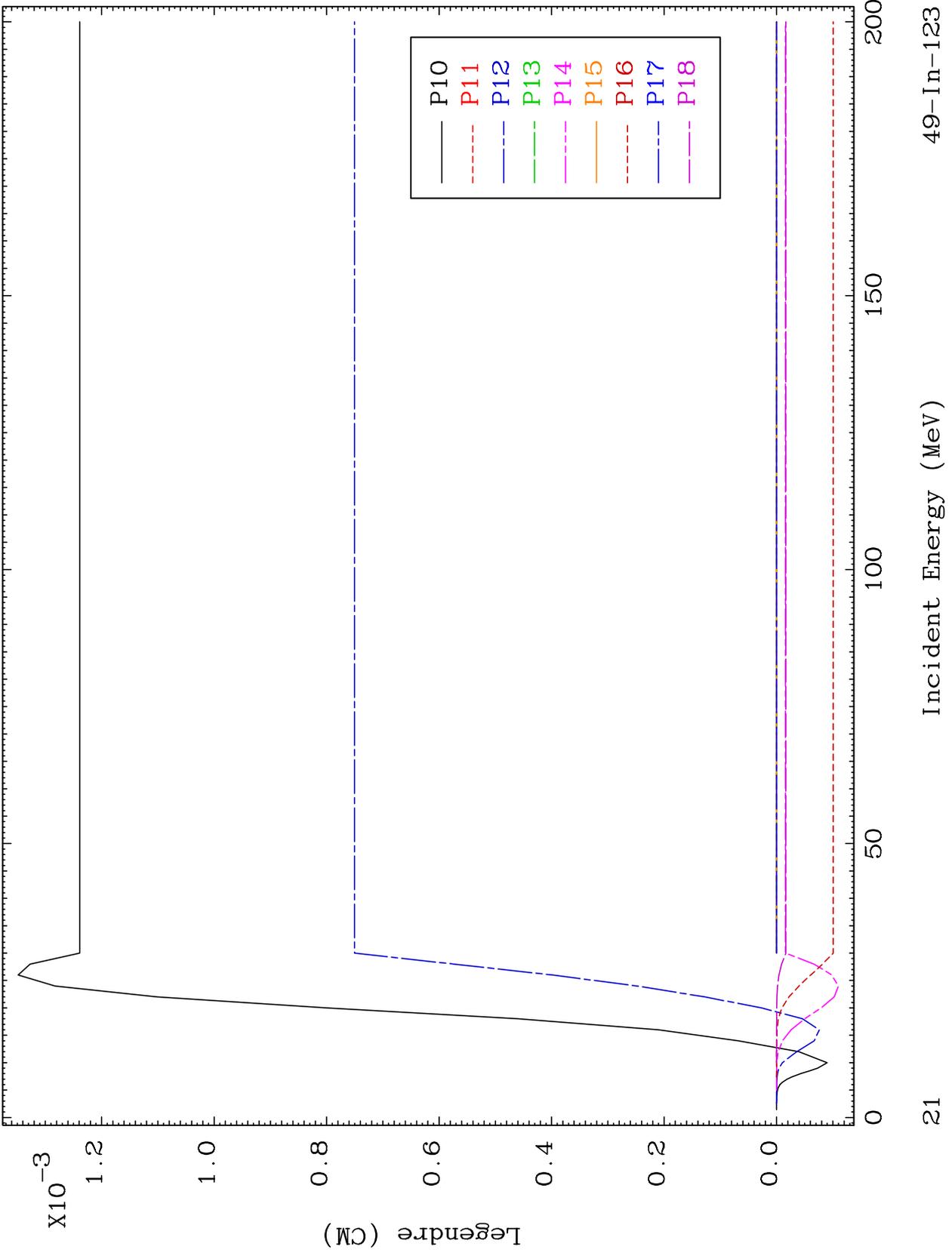
Incident Energy (MeV)

49-In-123

MAT 4955

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

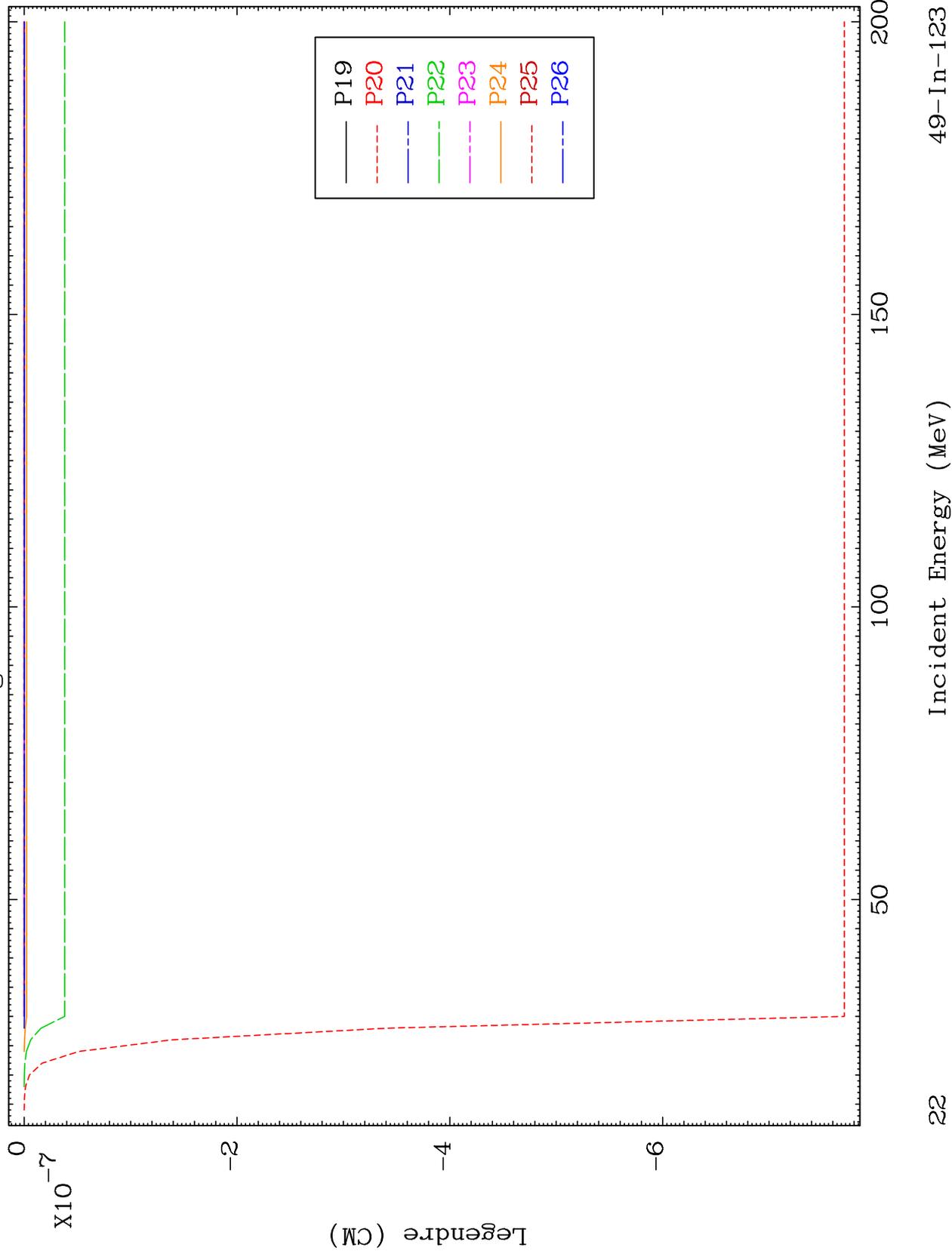
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MAT 4955

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

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22

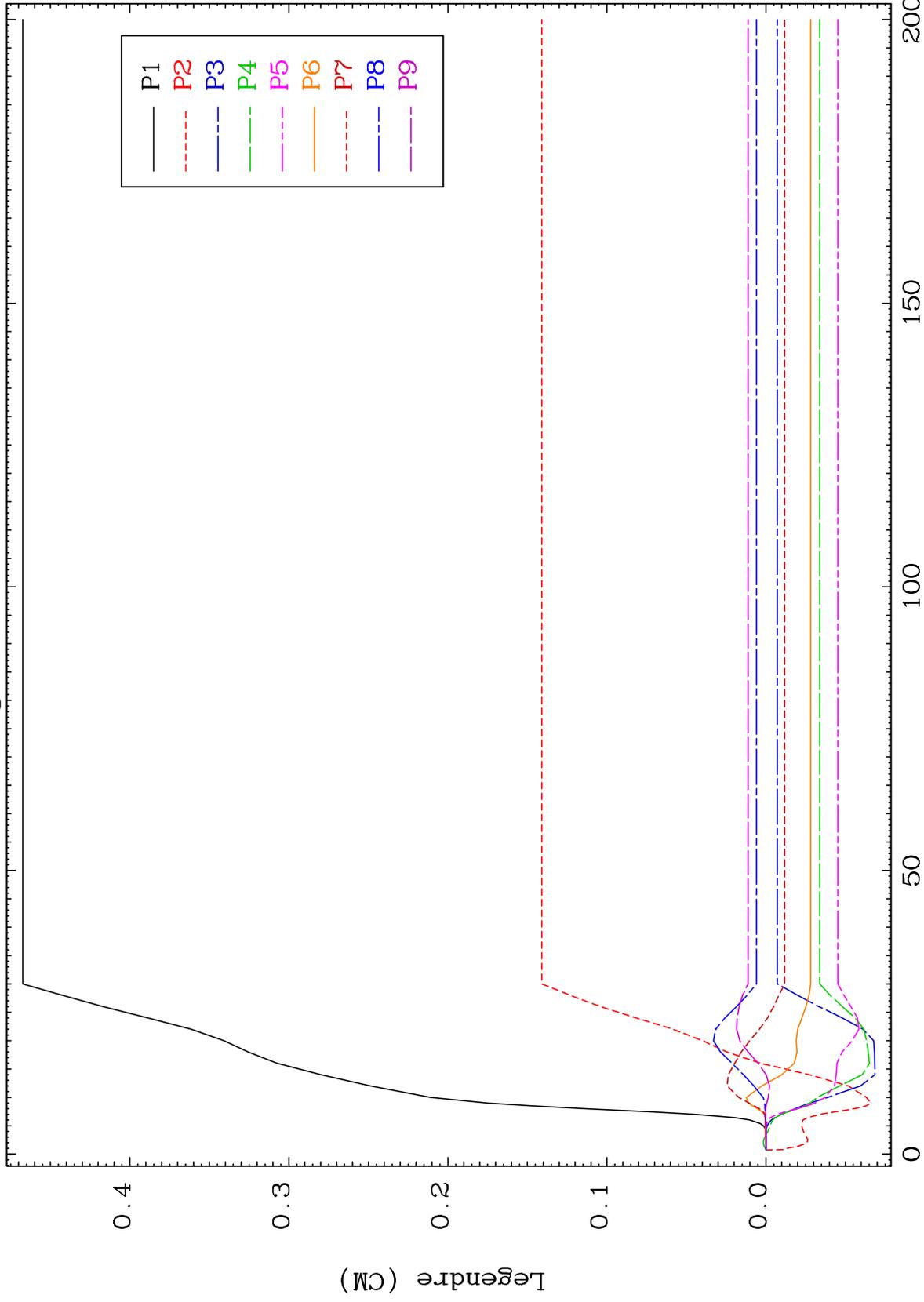
49-In-123

MAT 4955

MT= 52 (n,n') Level

49-In-123

Legendre Coefficients



23

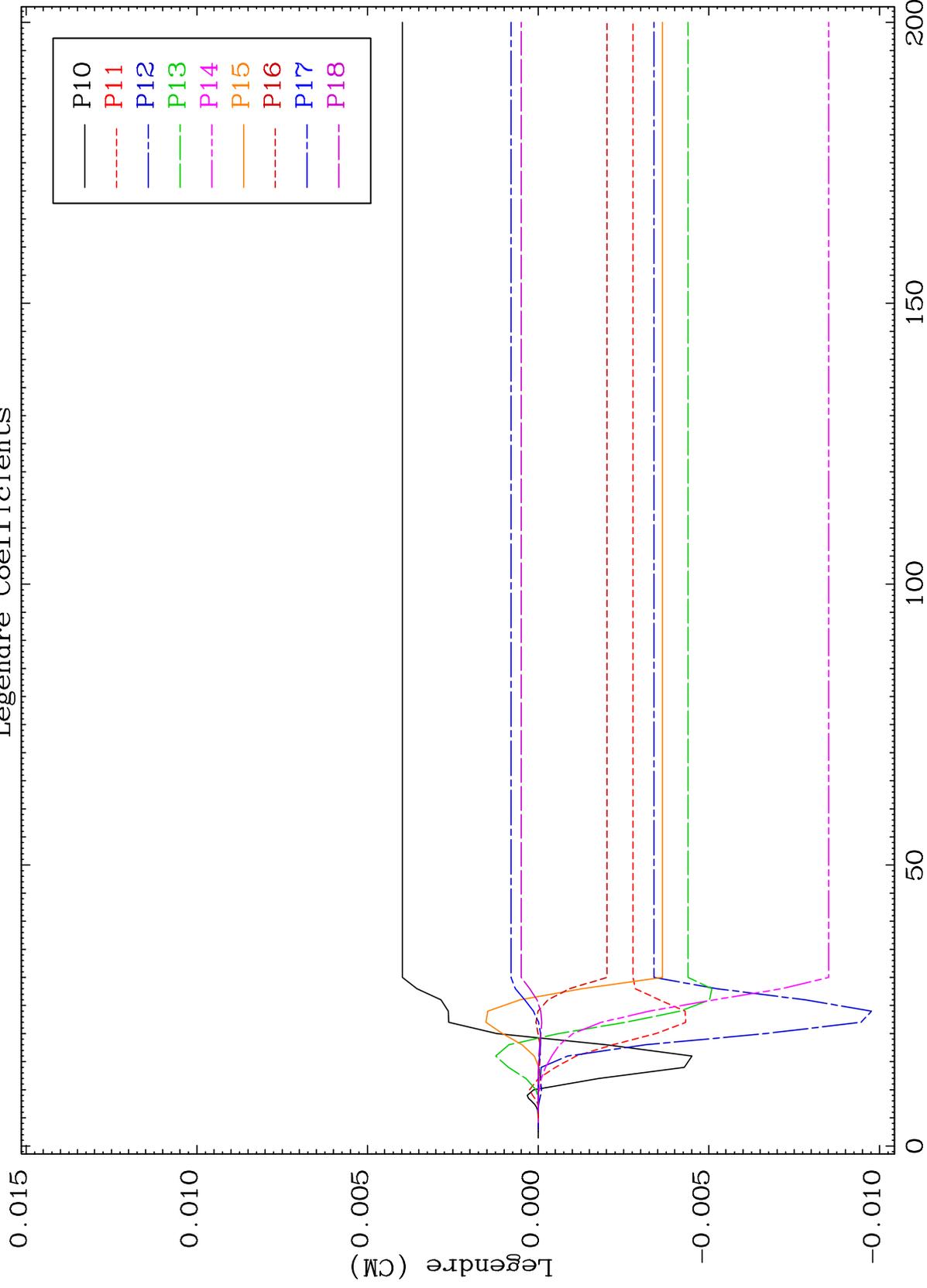
Incident Energy (MeV)

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MAT 4955

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

49-In-123



24

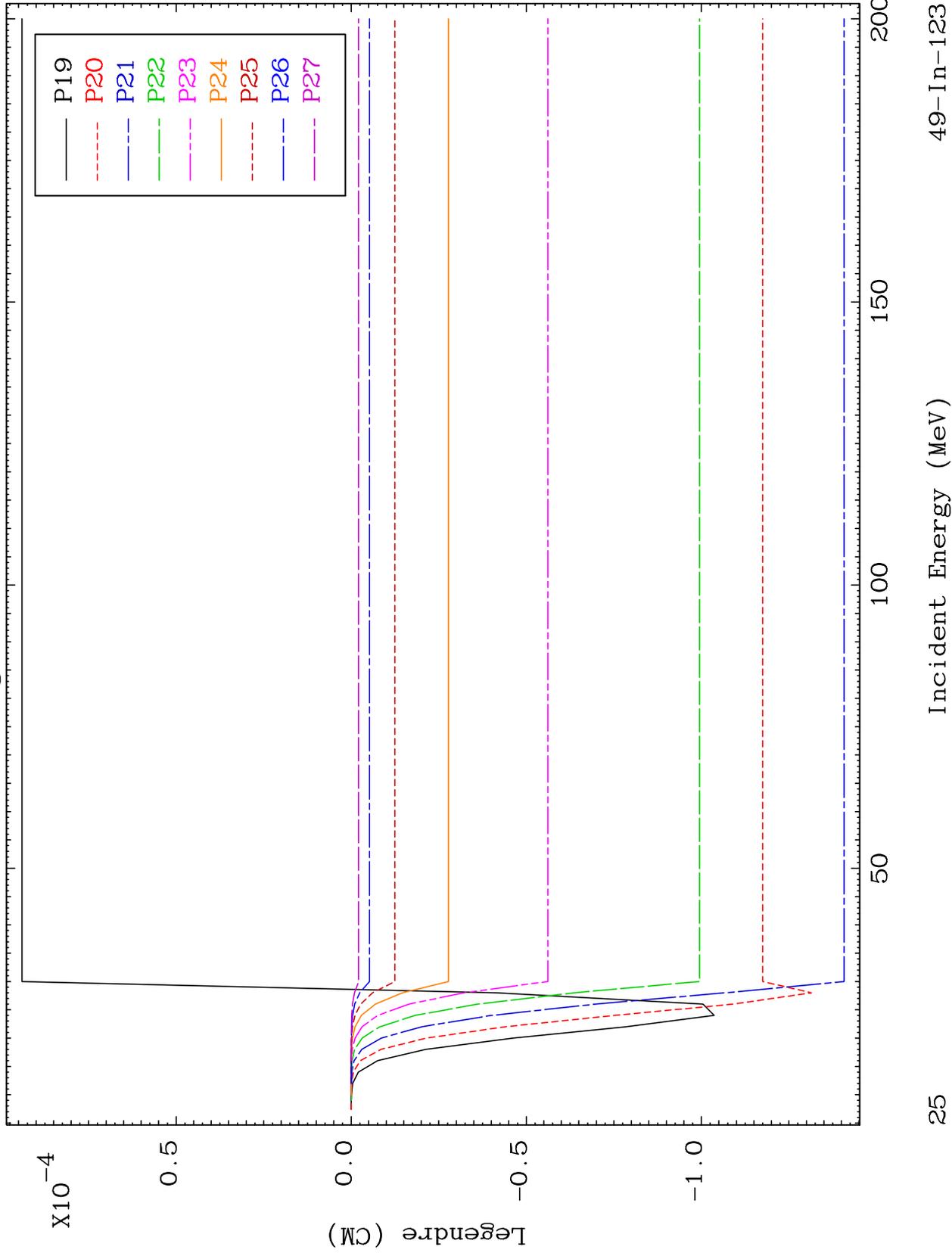
Incident Energy (MeV)

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MAT 4955

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

49-In-123



25

Incident Energy (MeV)

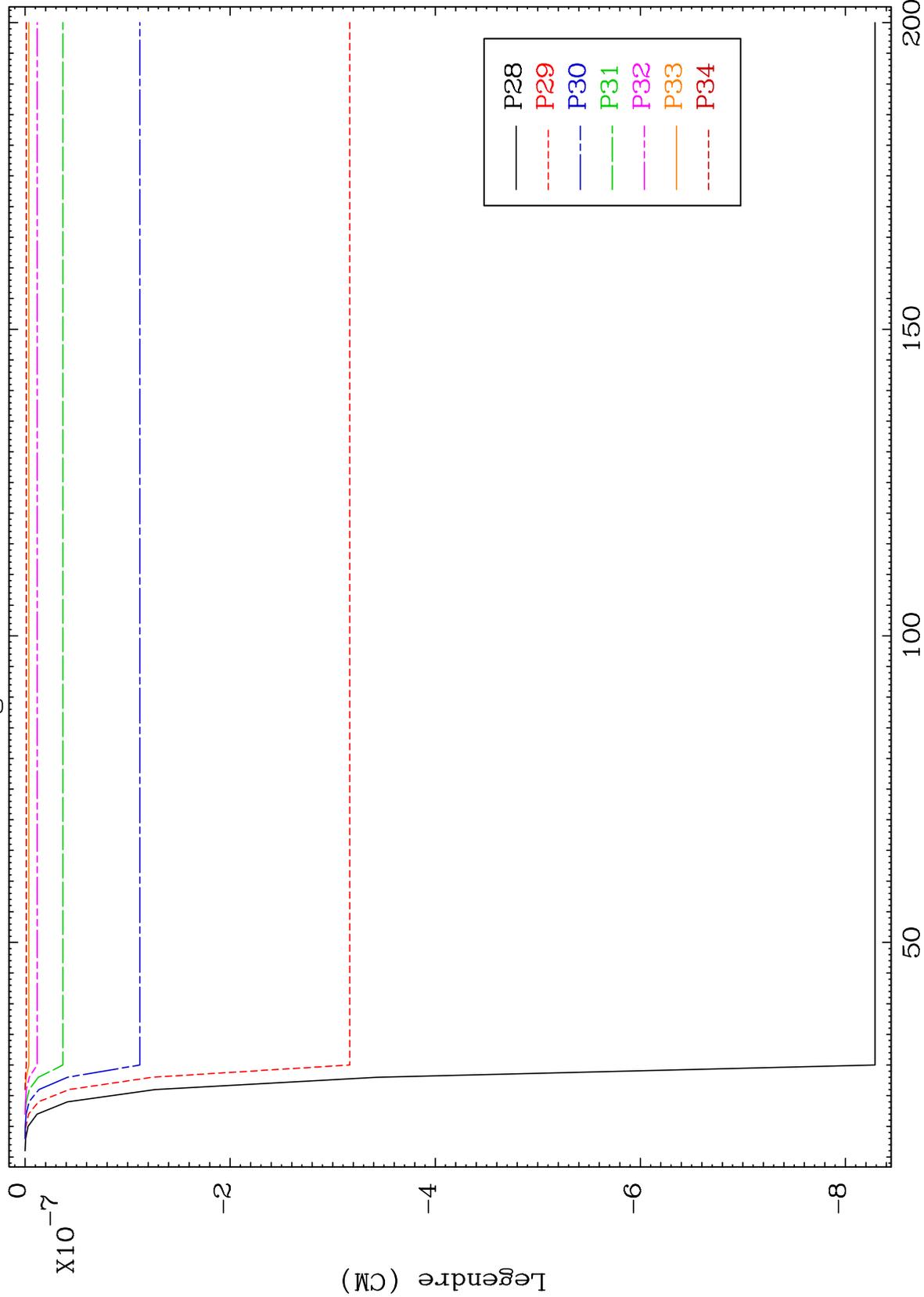
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MAT 4955

MT= 52 (n,n') Level

49-In-123

Legendre Coefficients



26

Incident Energy (MeV)

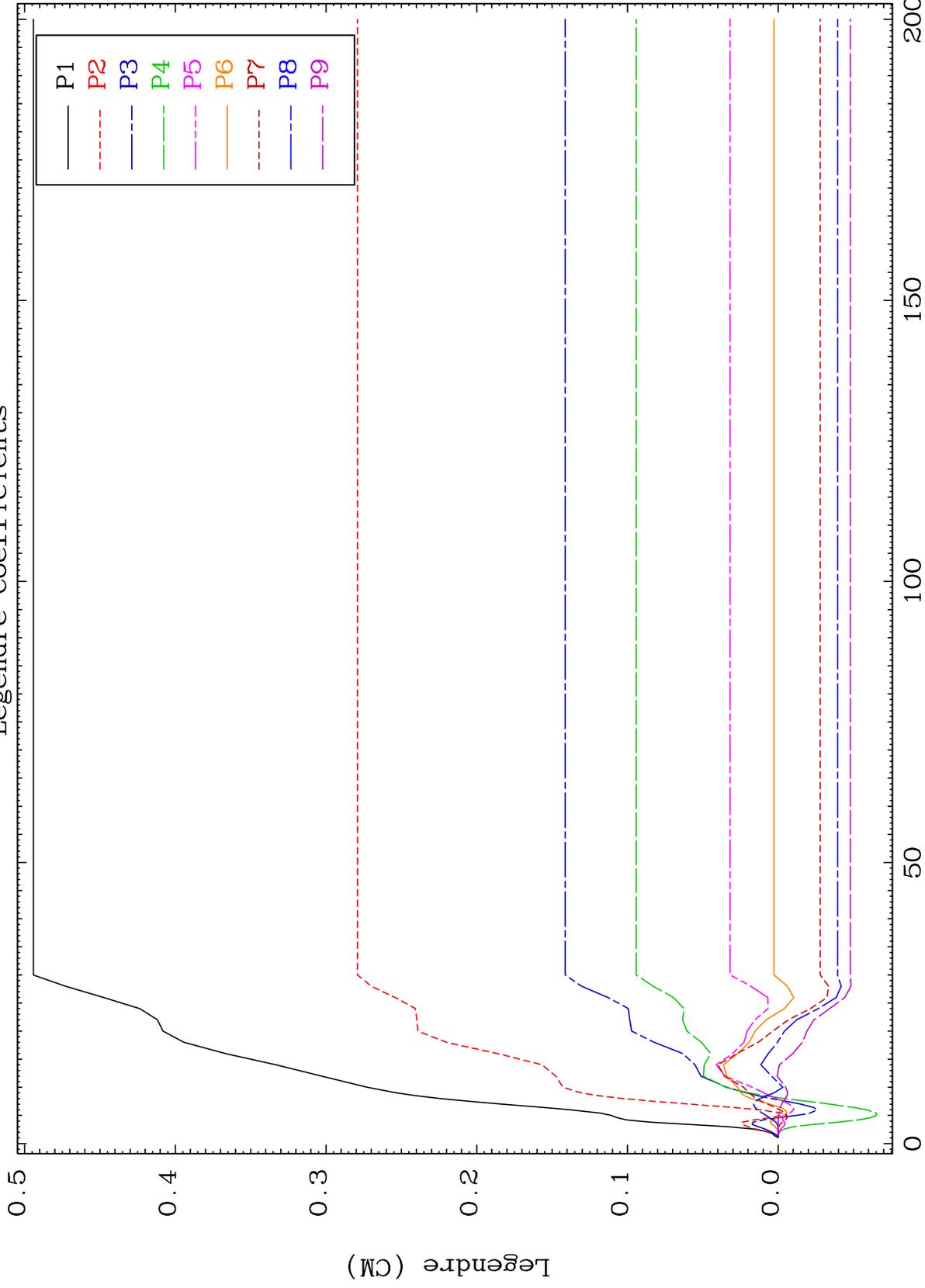
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MAT 4955

MT= 53 (n,n') Level

49-In-123

Legendre Coefficients



27

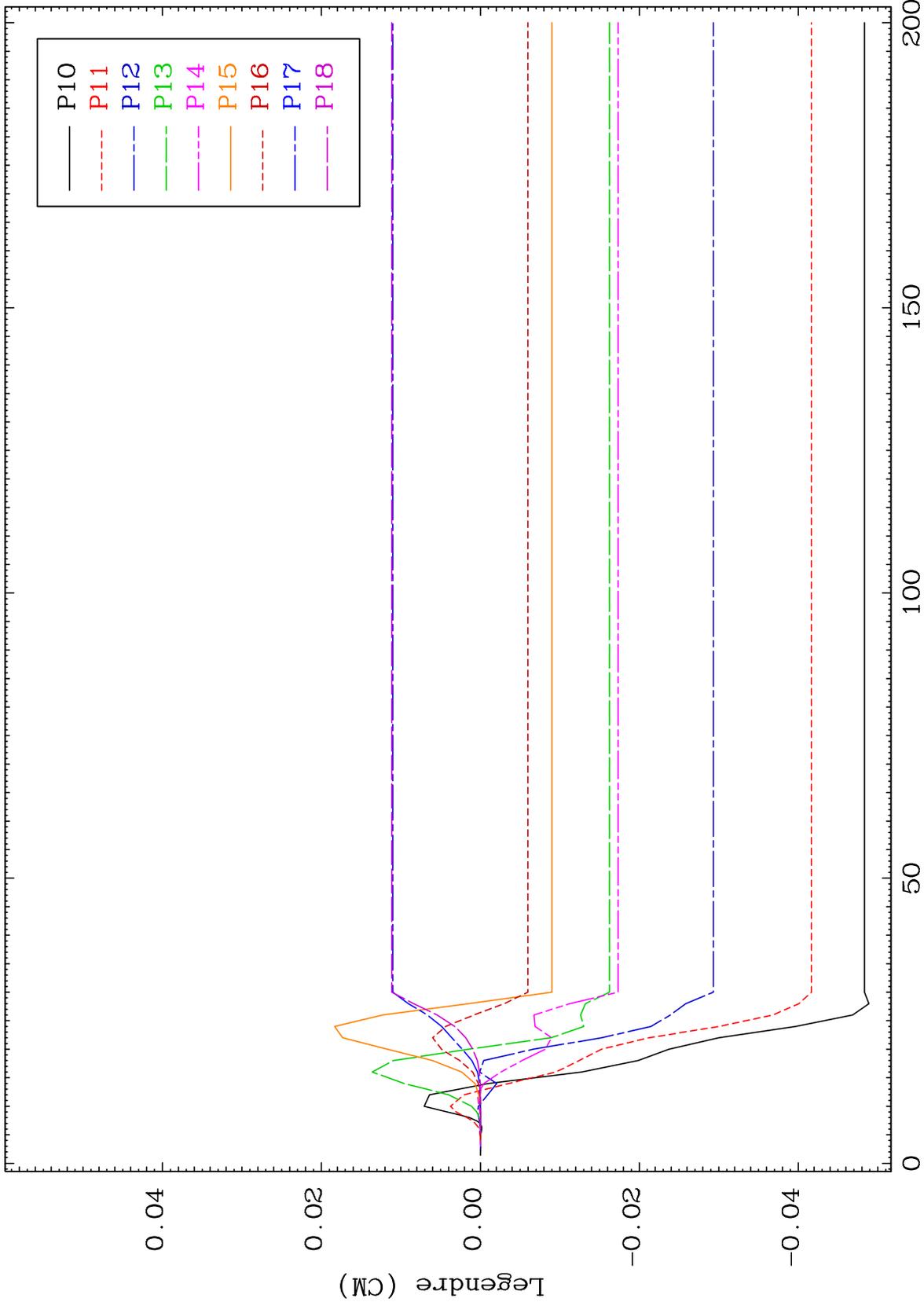
Incident Energy (MeV)

49-In-123

MAT 4955

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

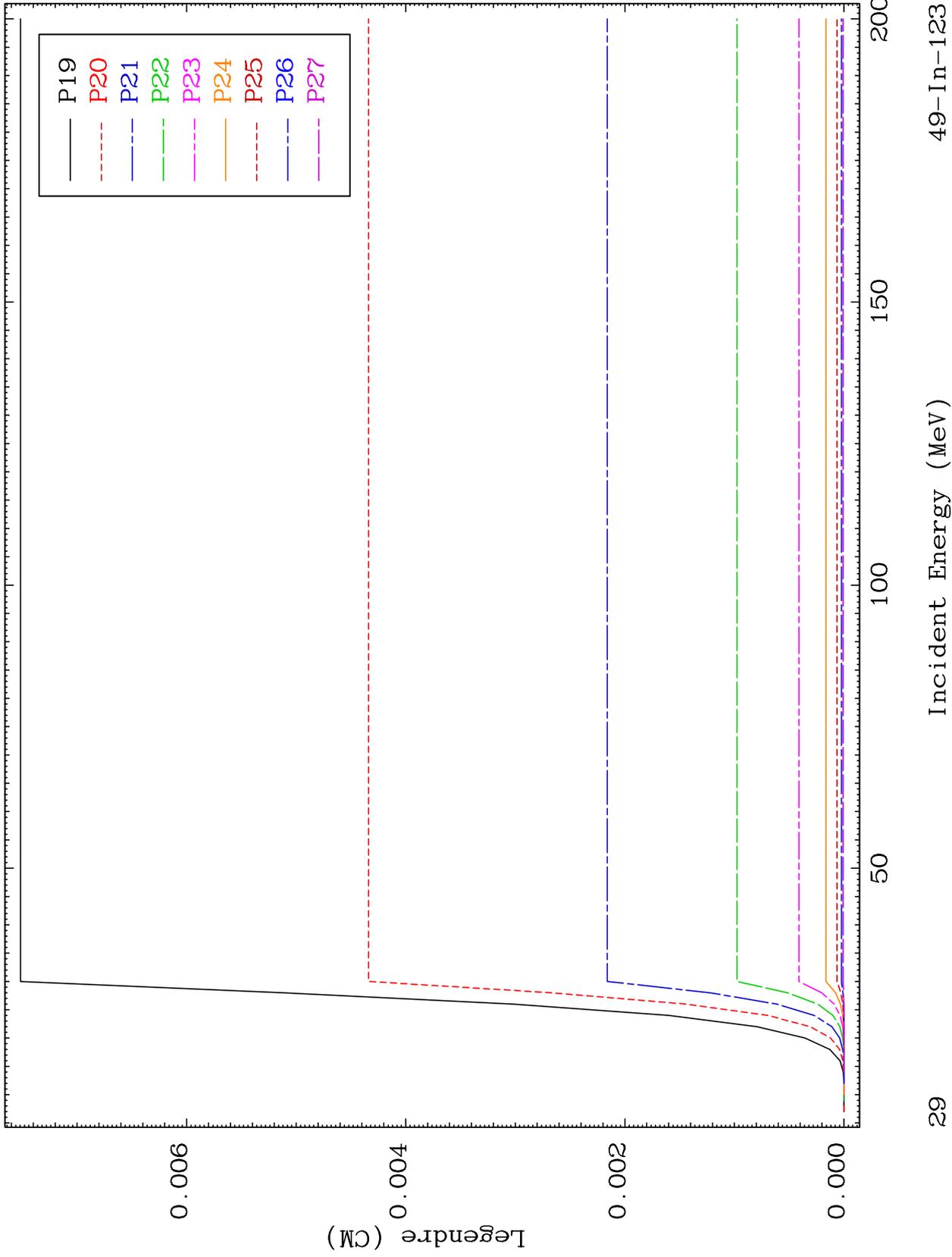
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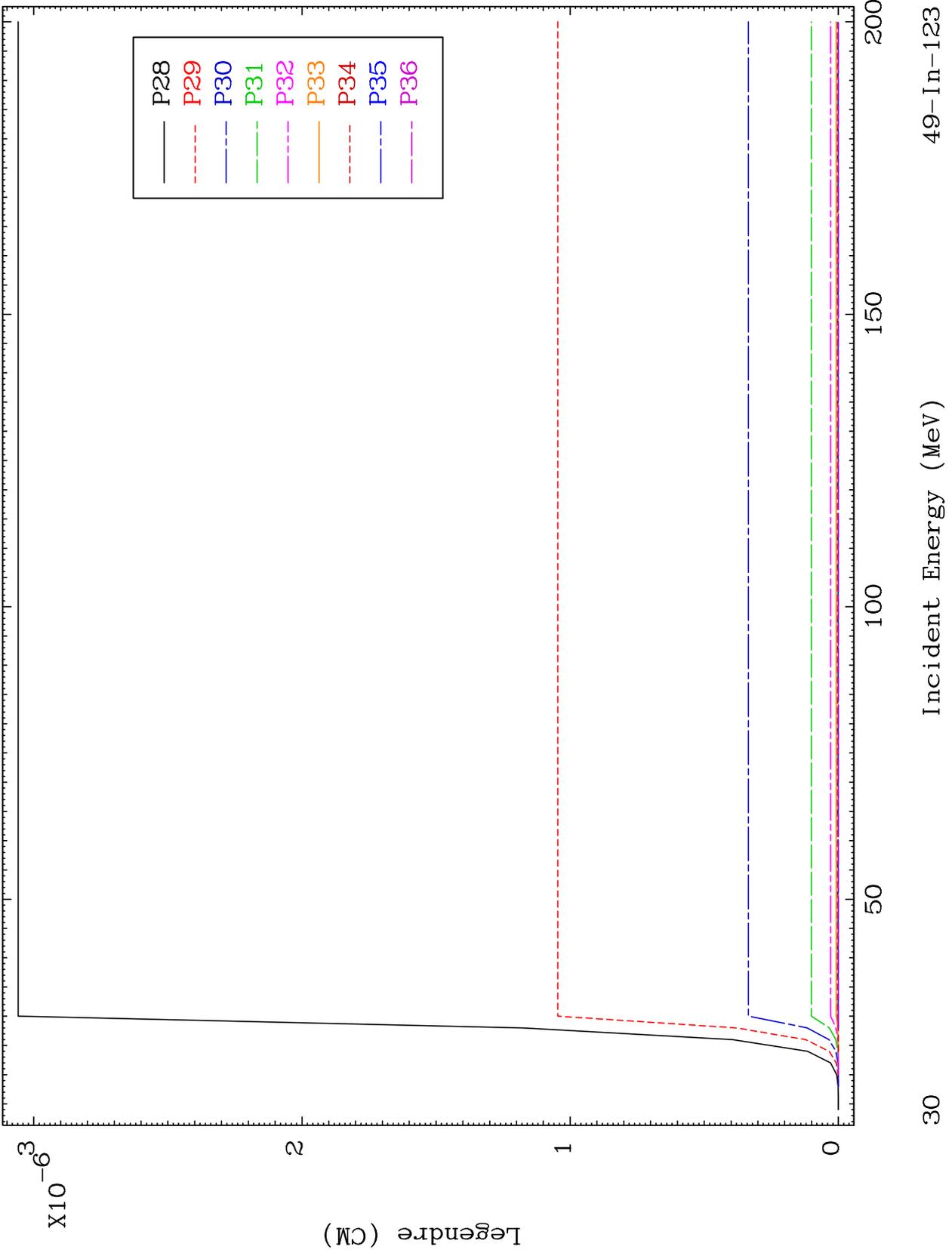
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MAT 4955

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

49-In-123



30

Incident Energy (MeV)

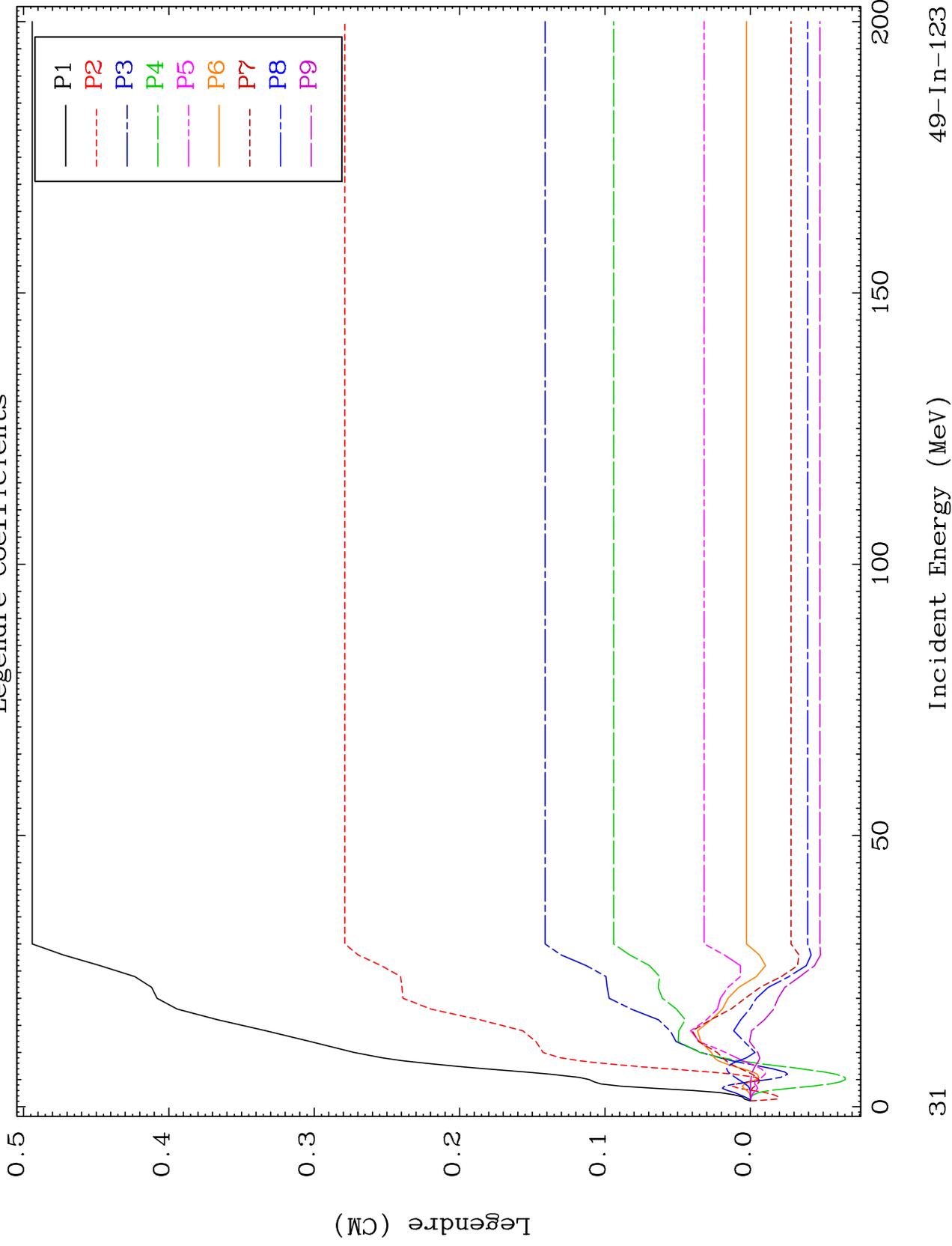
49-In-123

MAT 4955

MT= 54 (n,n') Level

49-In-123

Legendre Coefficients



31

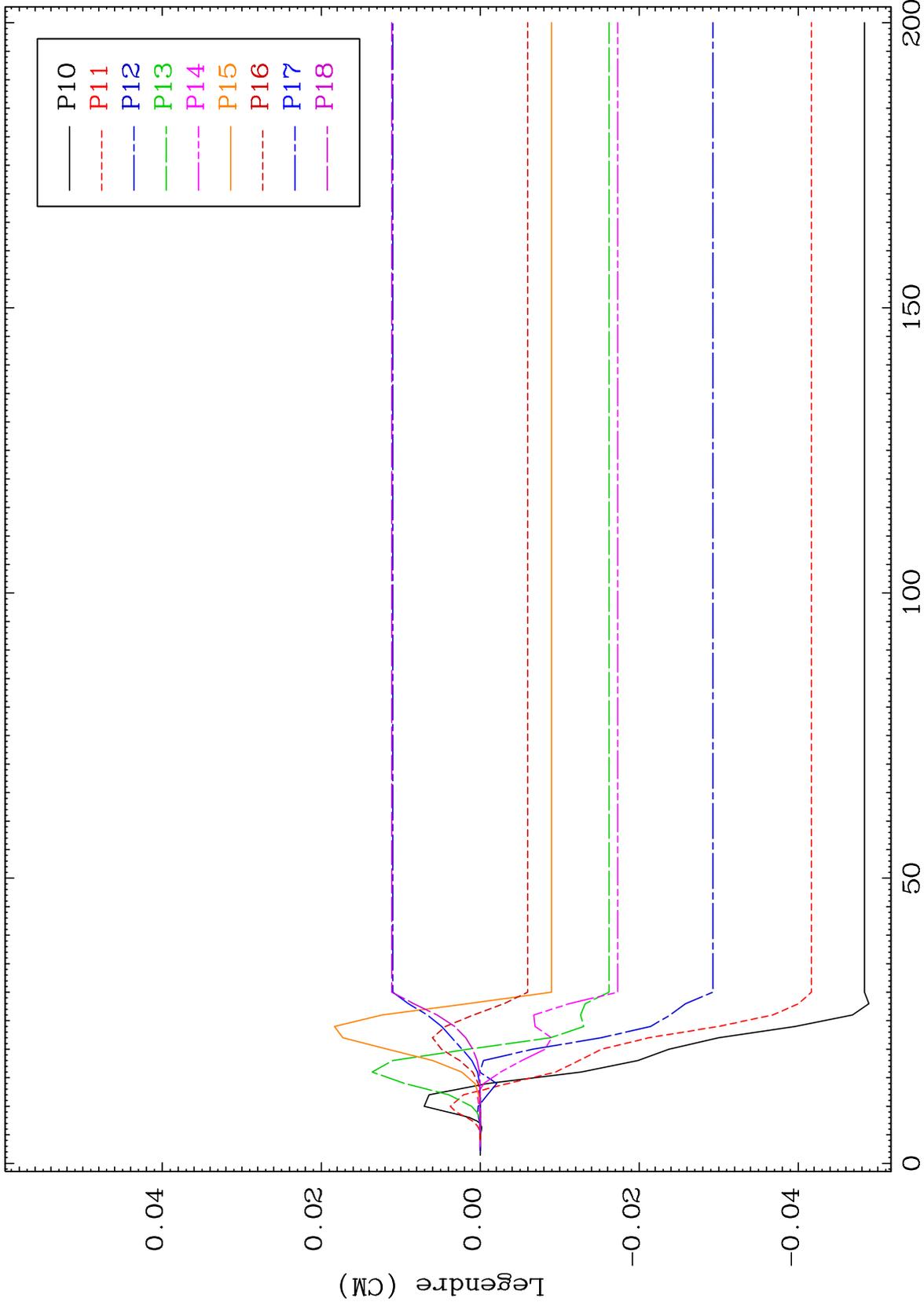
Incident Energy (MeV)

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MAT 4955

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

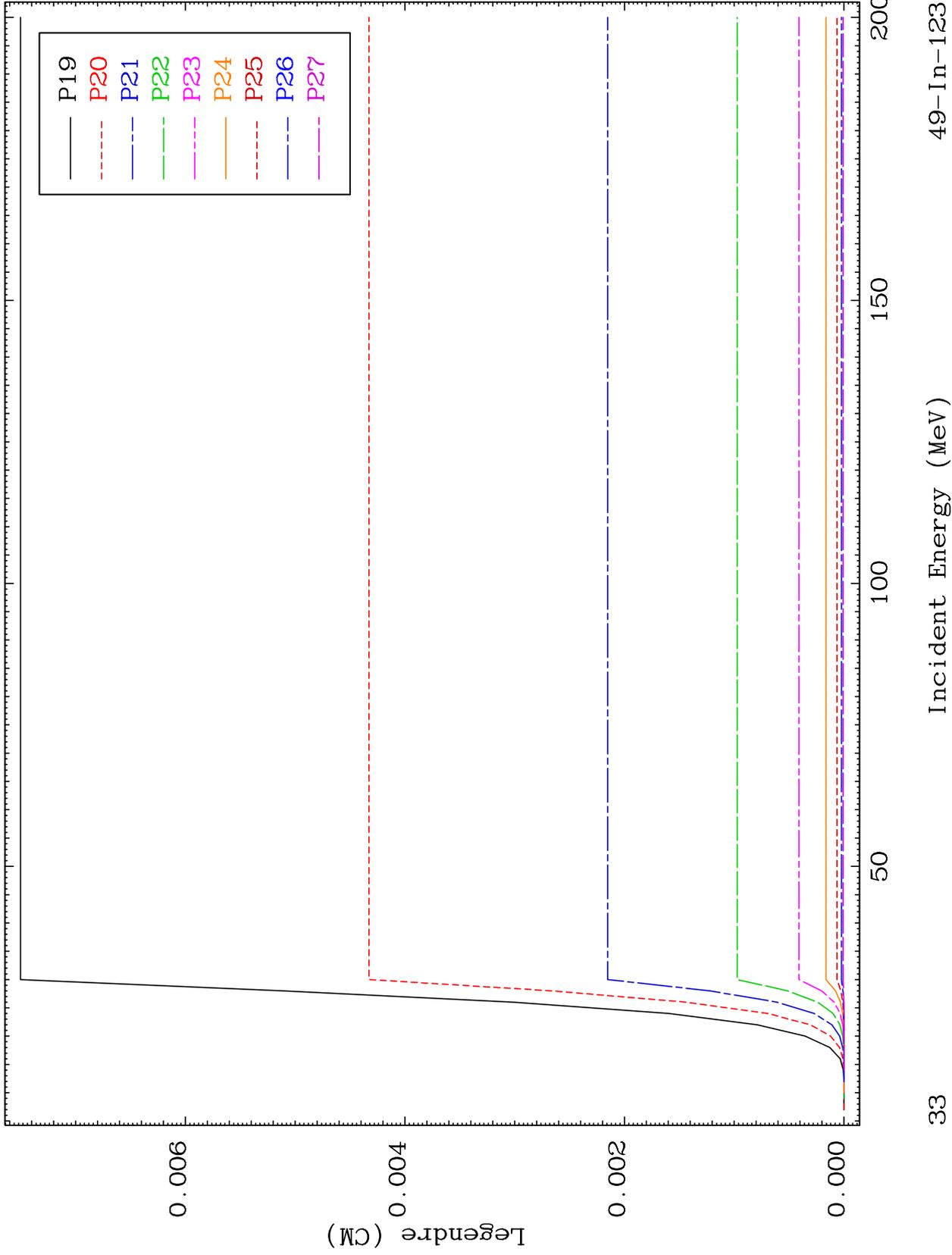
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Incident Energy (MeV)

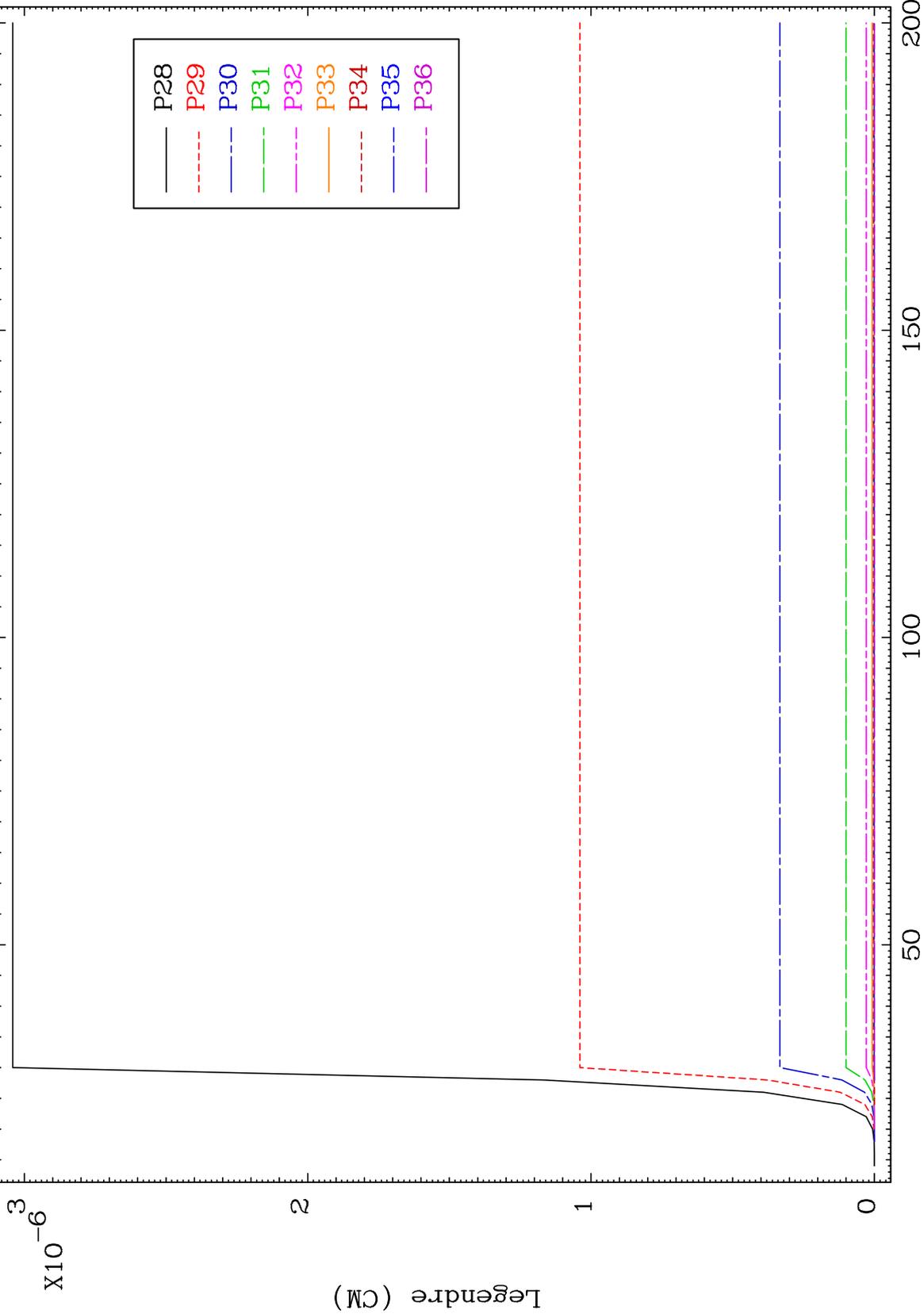
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MAT 4955

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

49-In-123



34

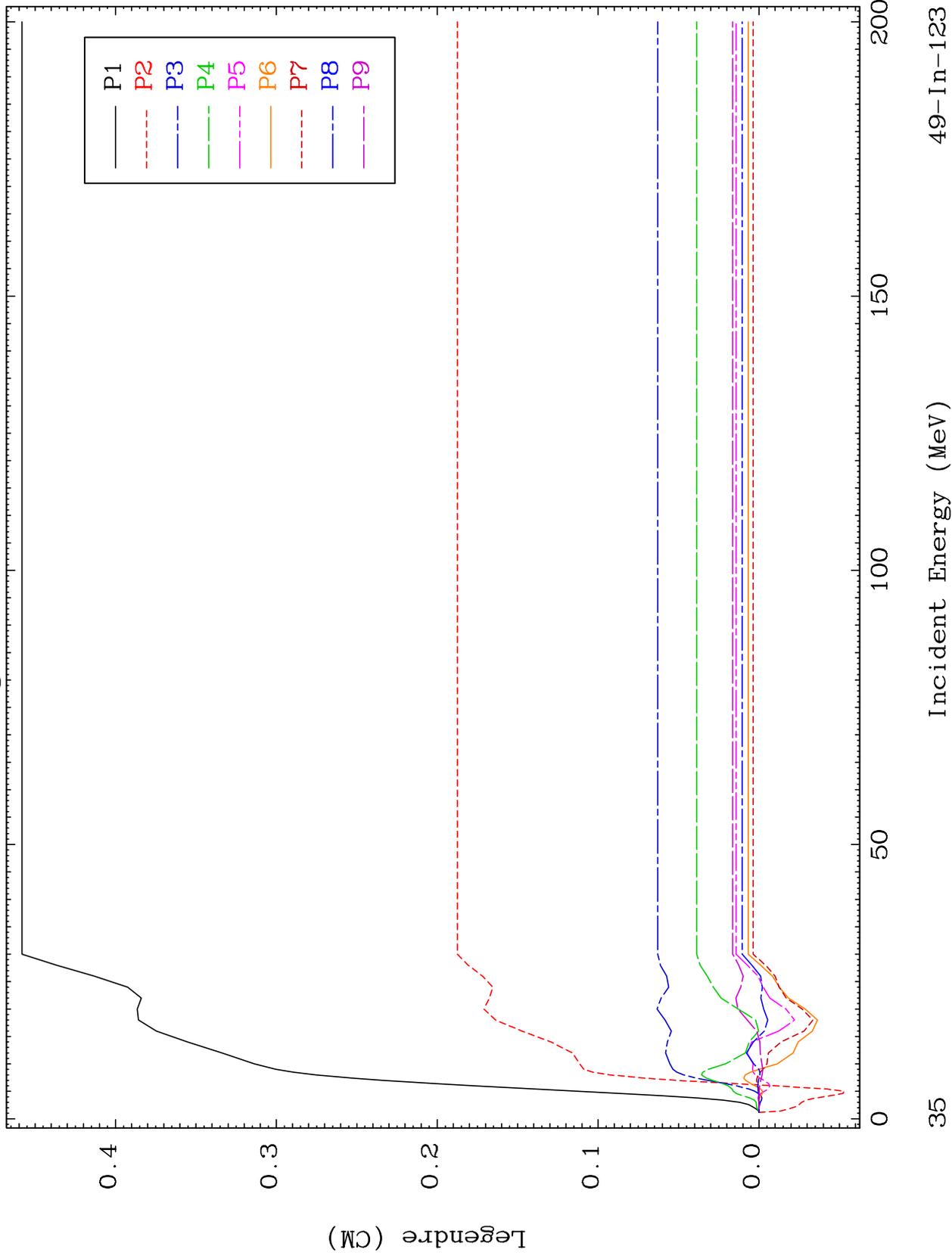
Incident Energy (MeV)

49-In-123

MAT 4955

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

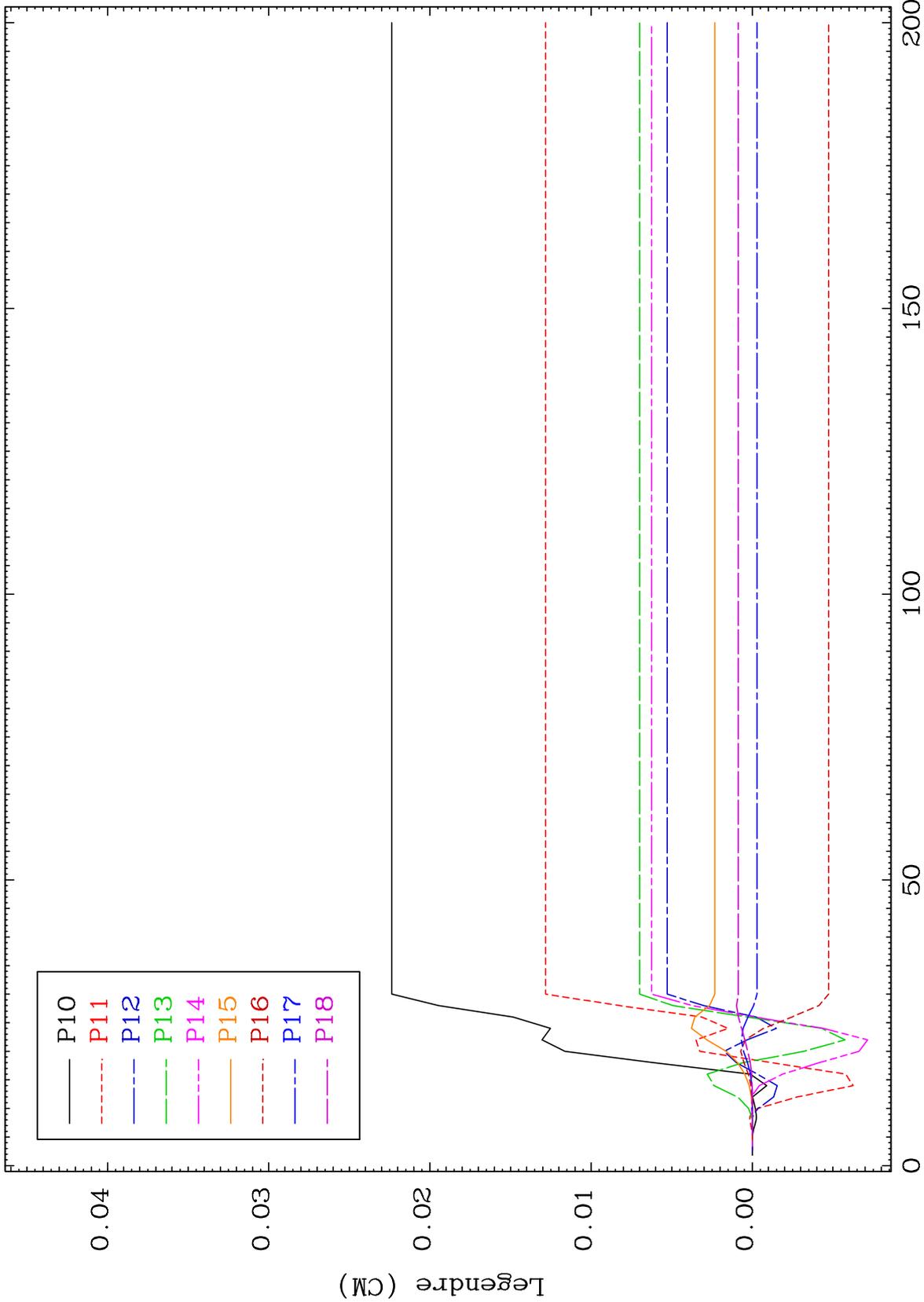
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49-In-123

Incident Energy (MeV)

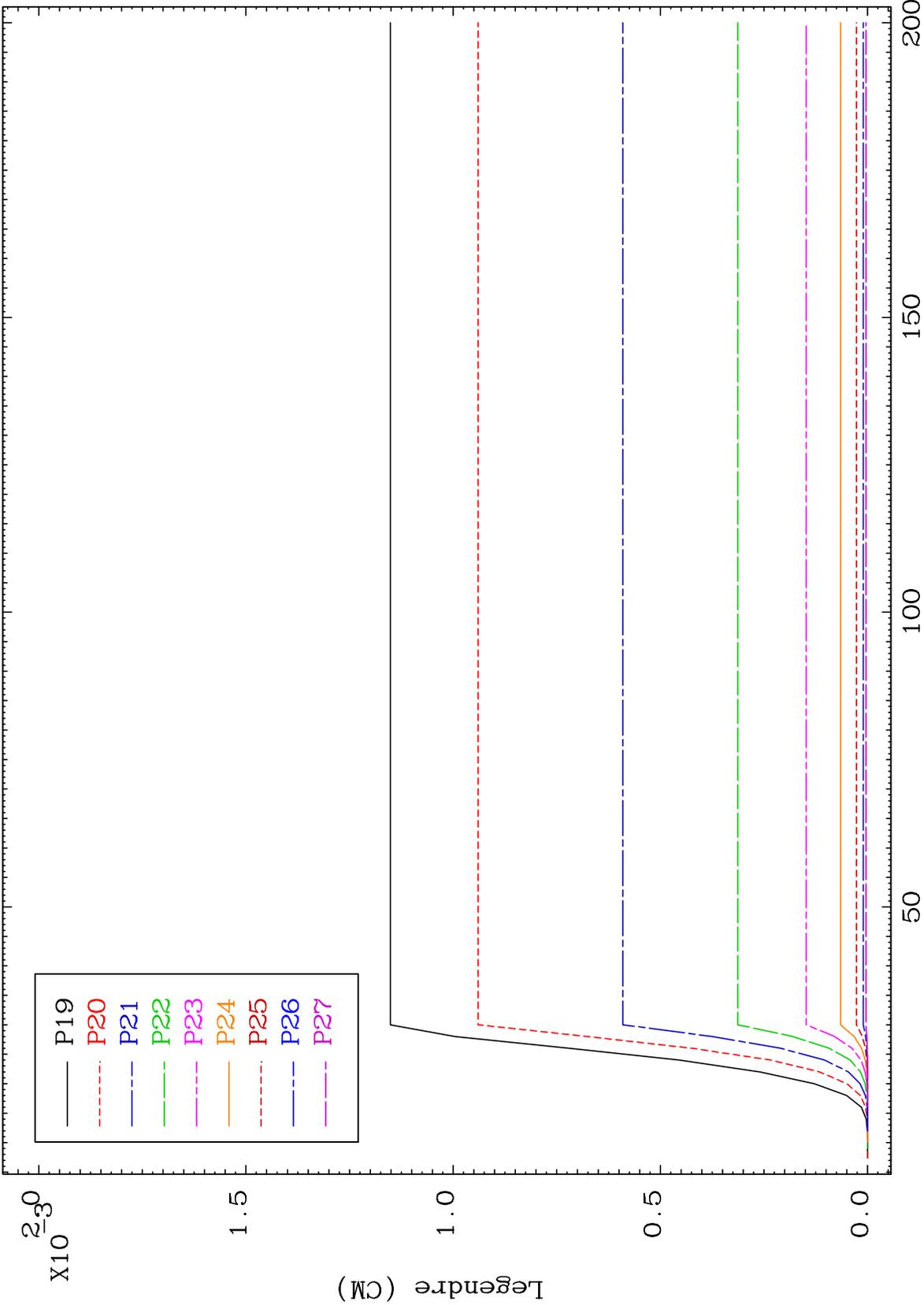
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MAT 4955

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

49-In-123



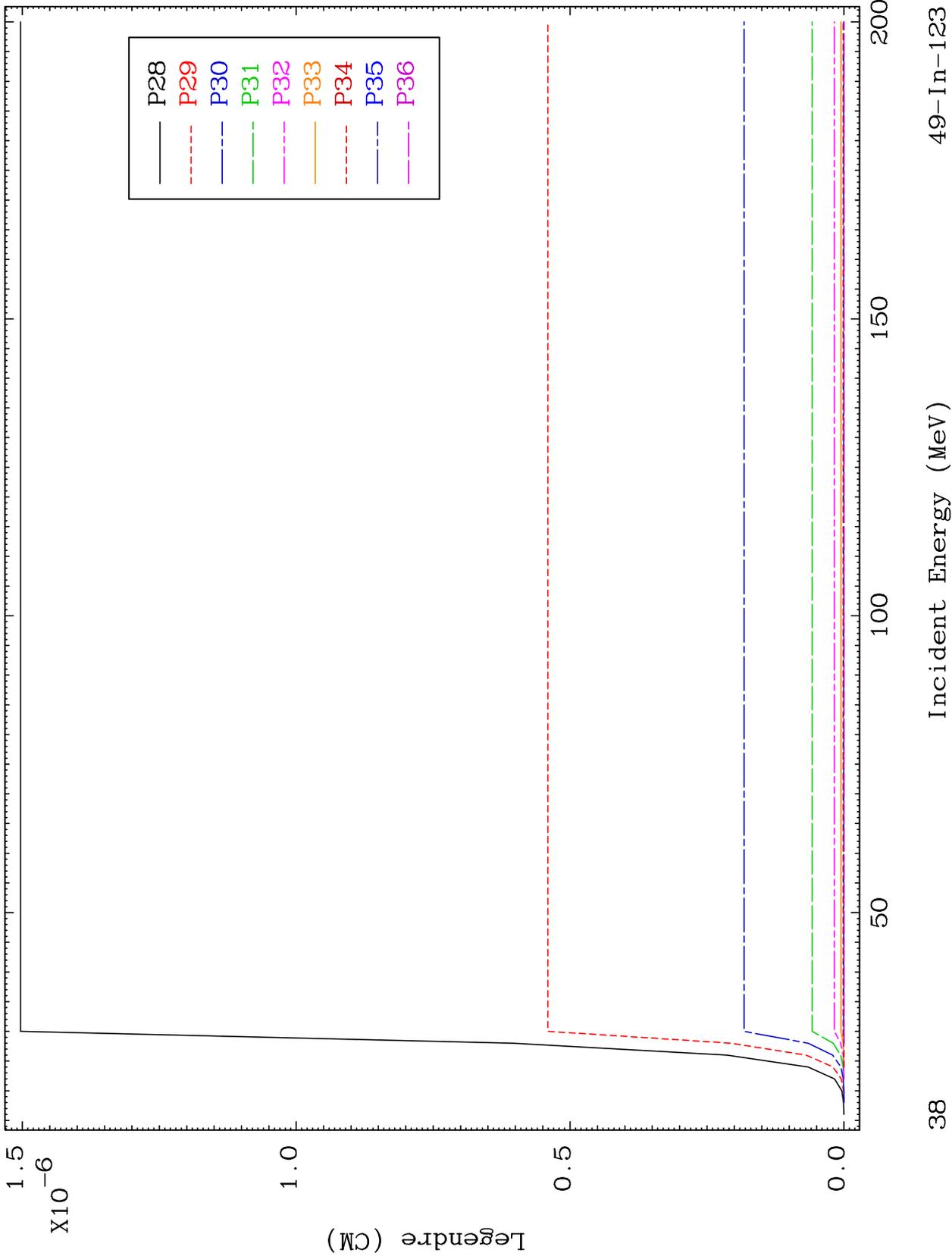
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49-In-123

MAT 4955

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

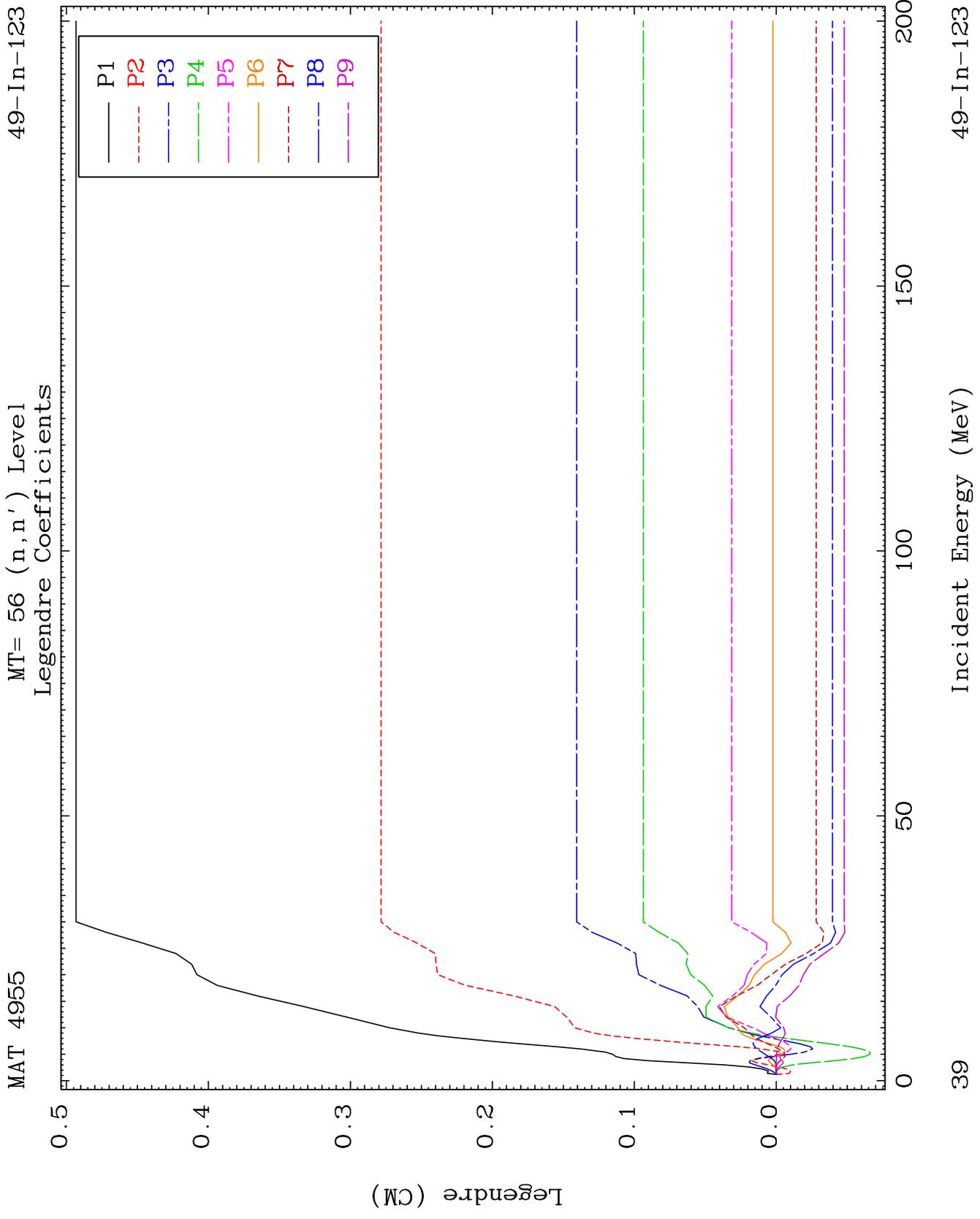
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38

Incident Energy (MeV)

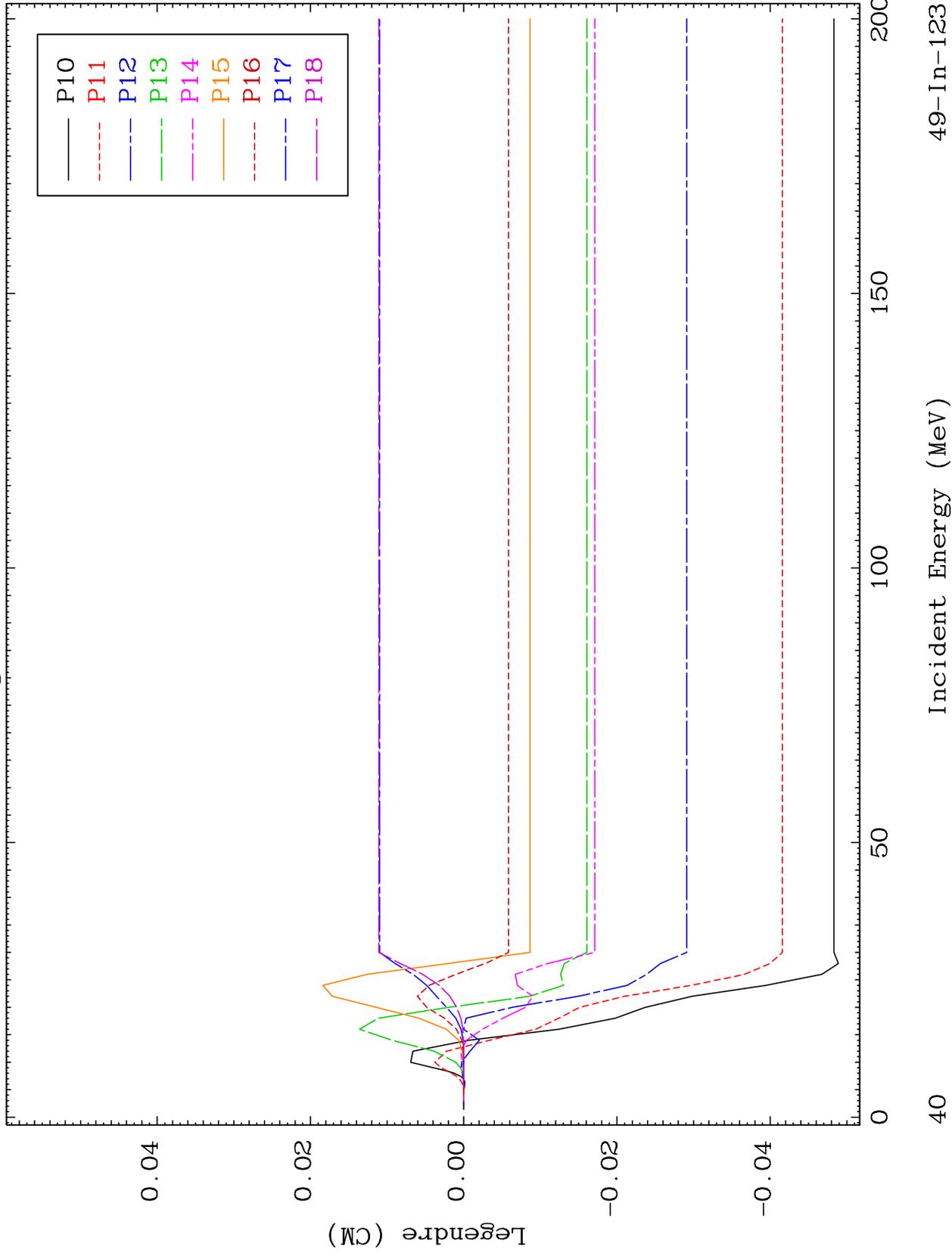
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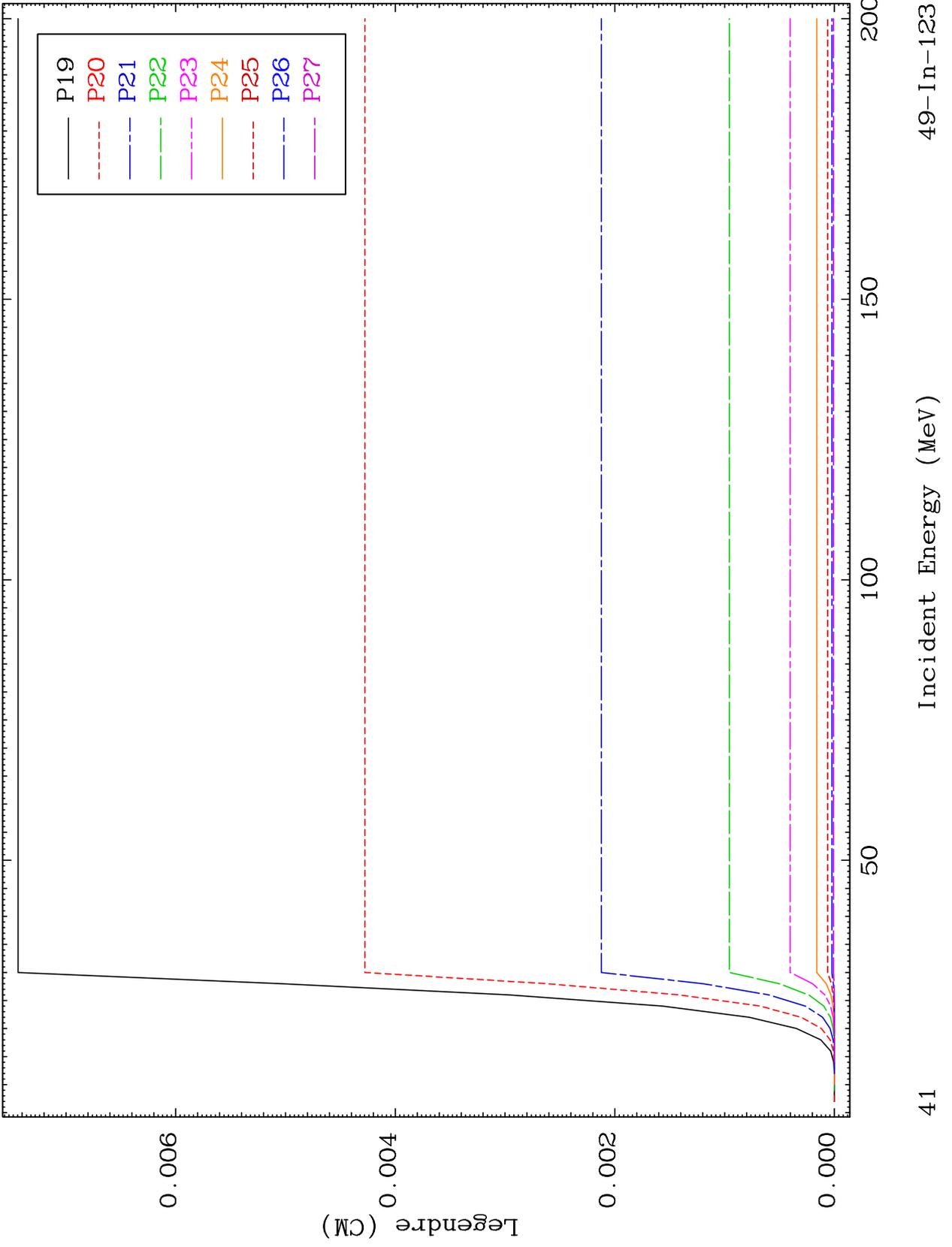
MAT 4955

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

49-In-123



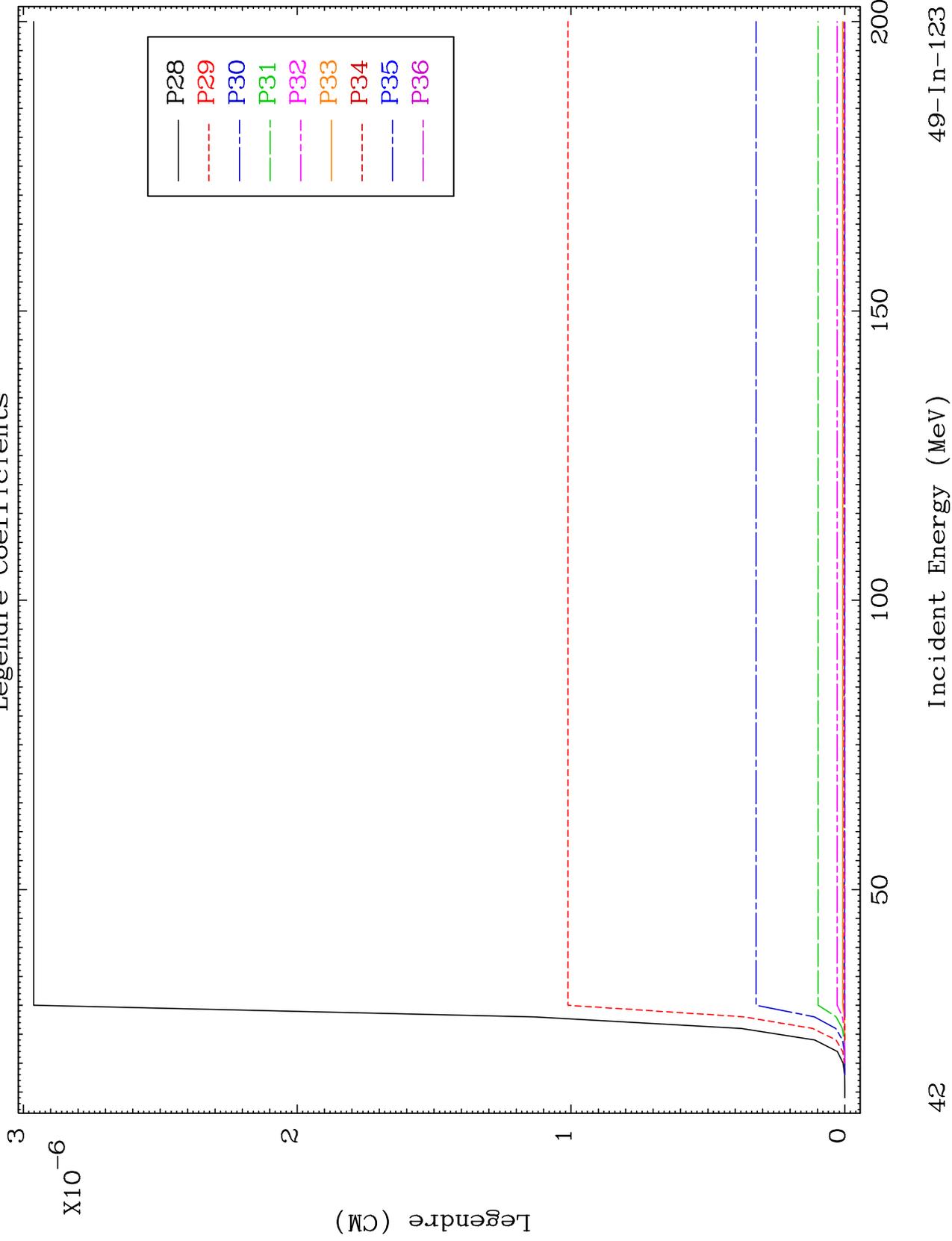
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MAT 4955

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

49-In-123



42

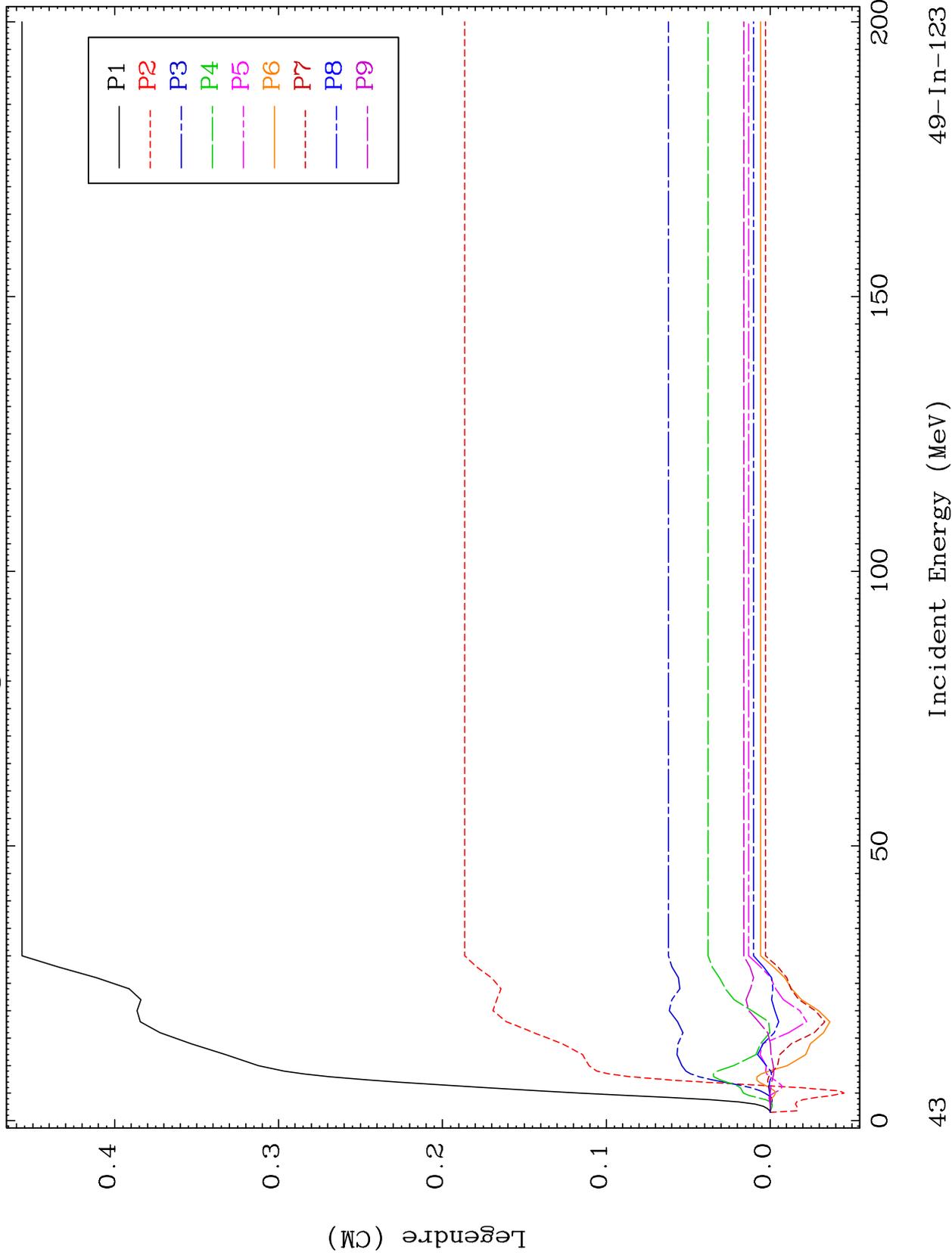
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



49-In-123

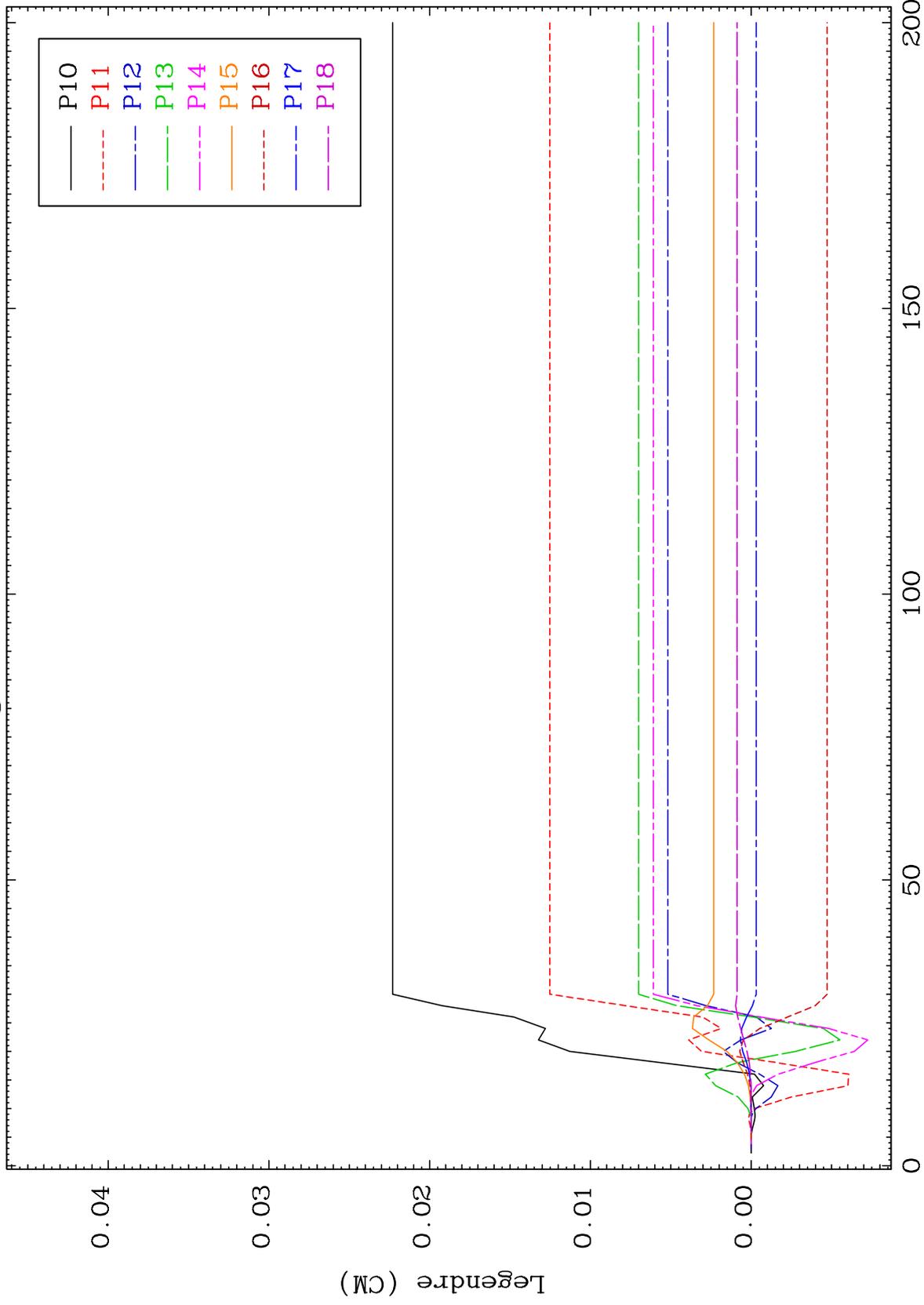
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43

MAT 4955

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

49-In-123



44

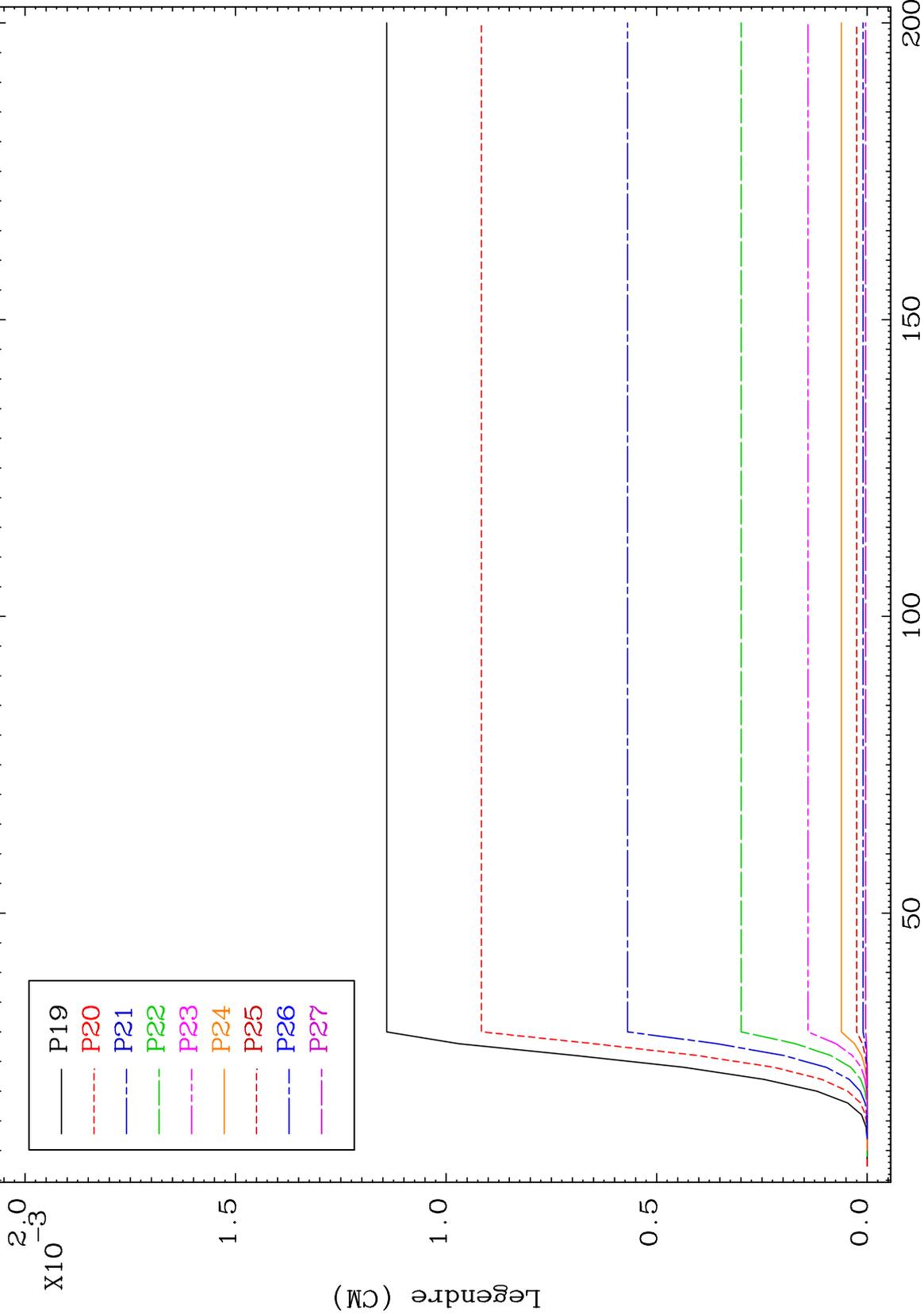
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



45

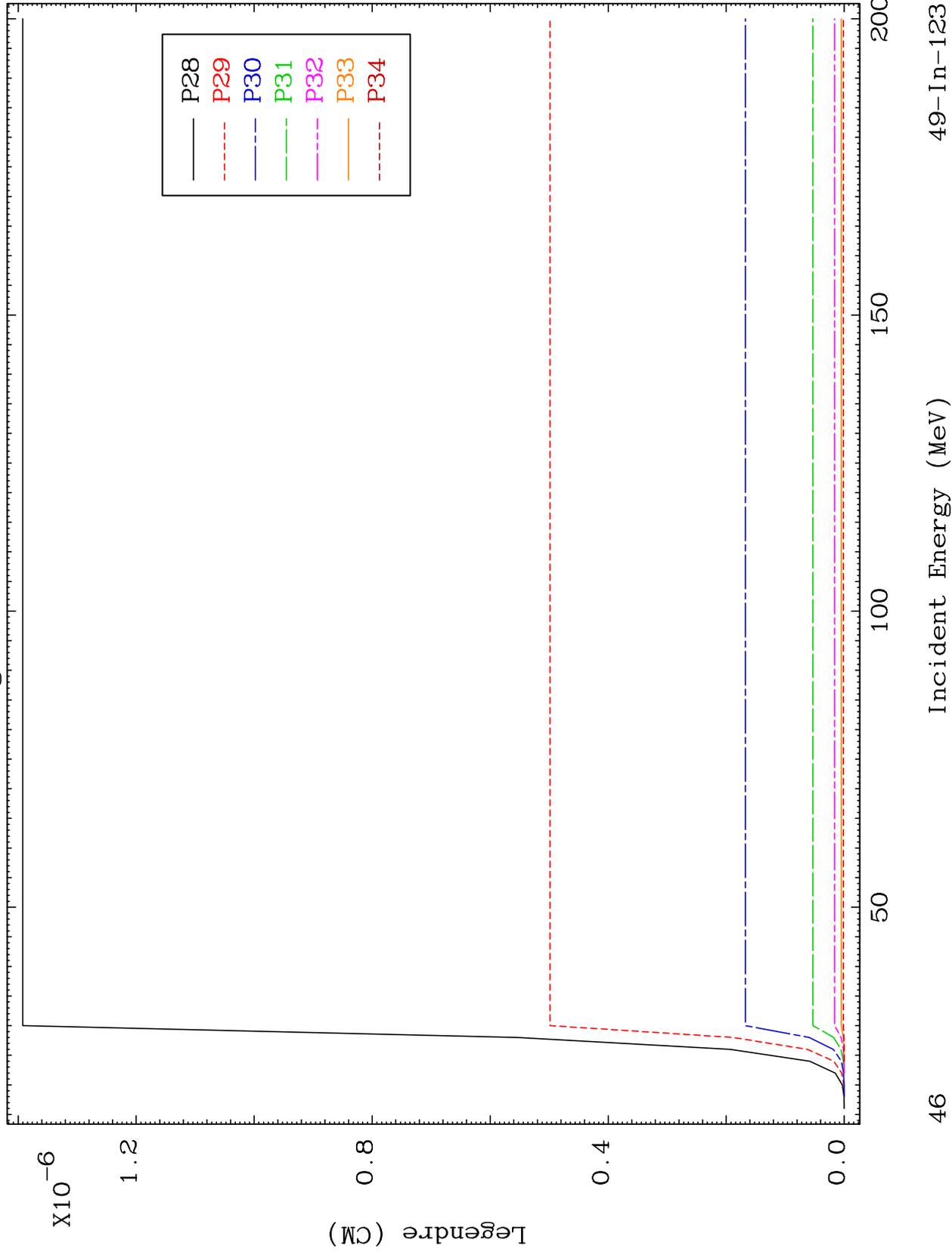
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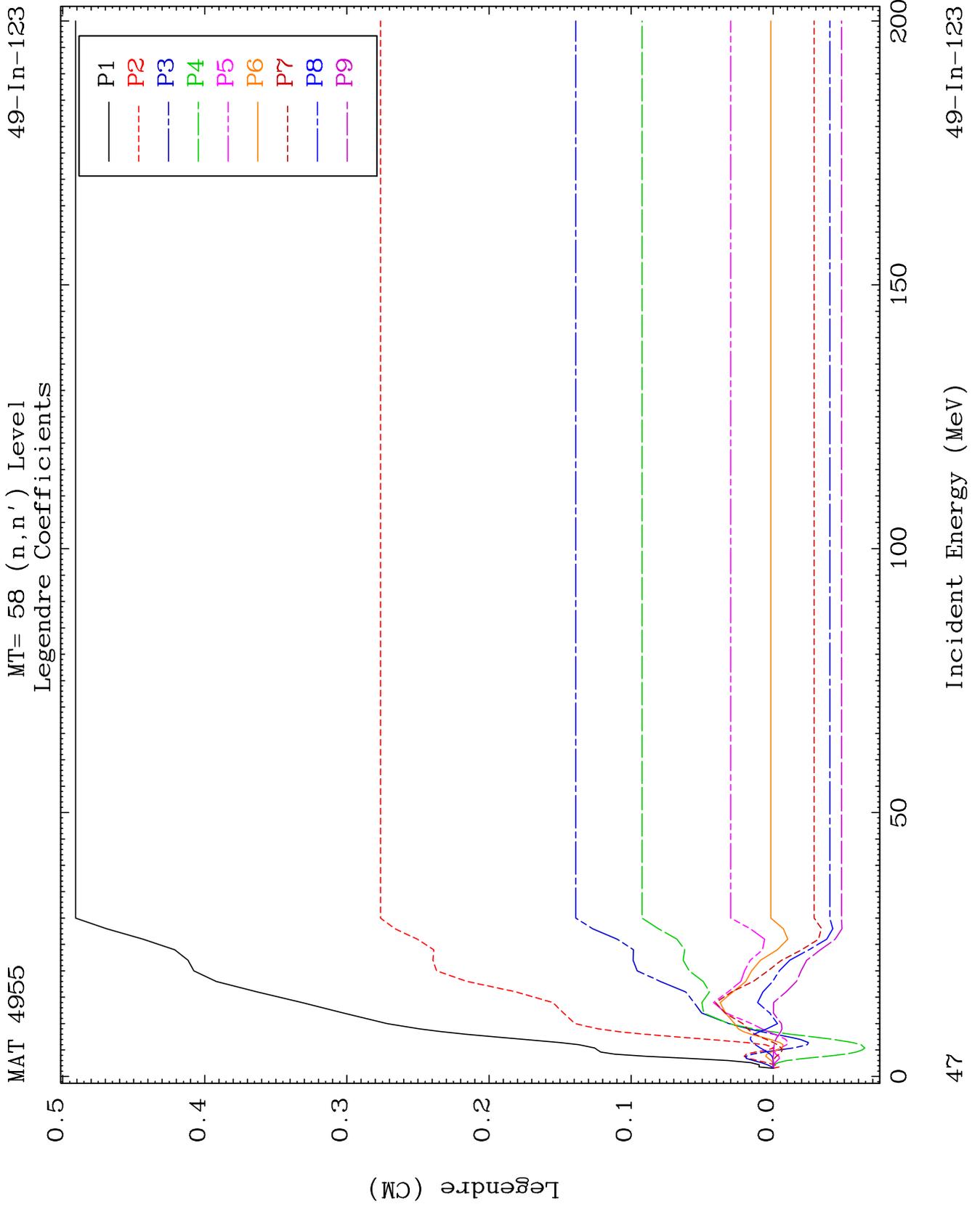
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MAT 4955

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

49-In-123

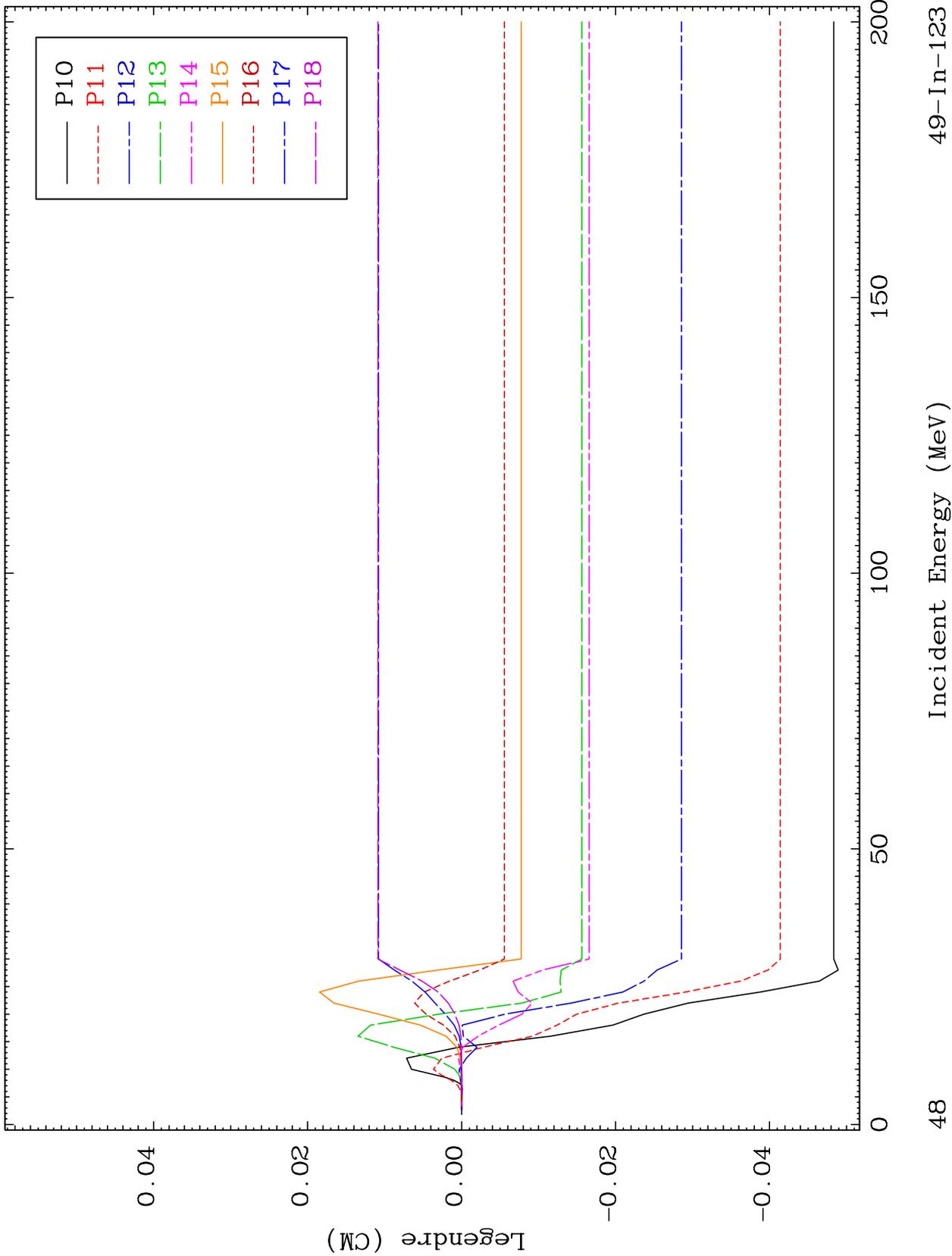




MAT 4955

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

49-In-123



49-In-123

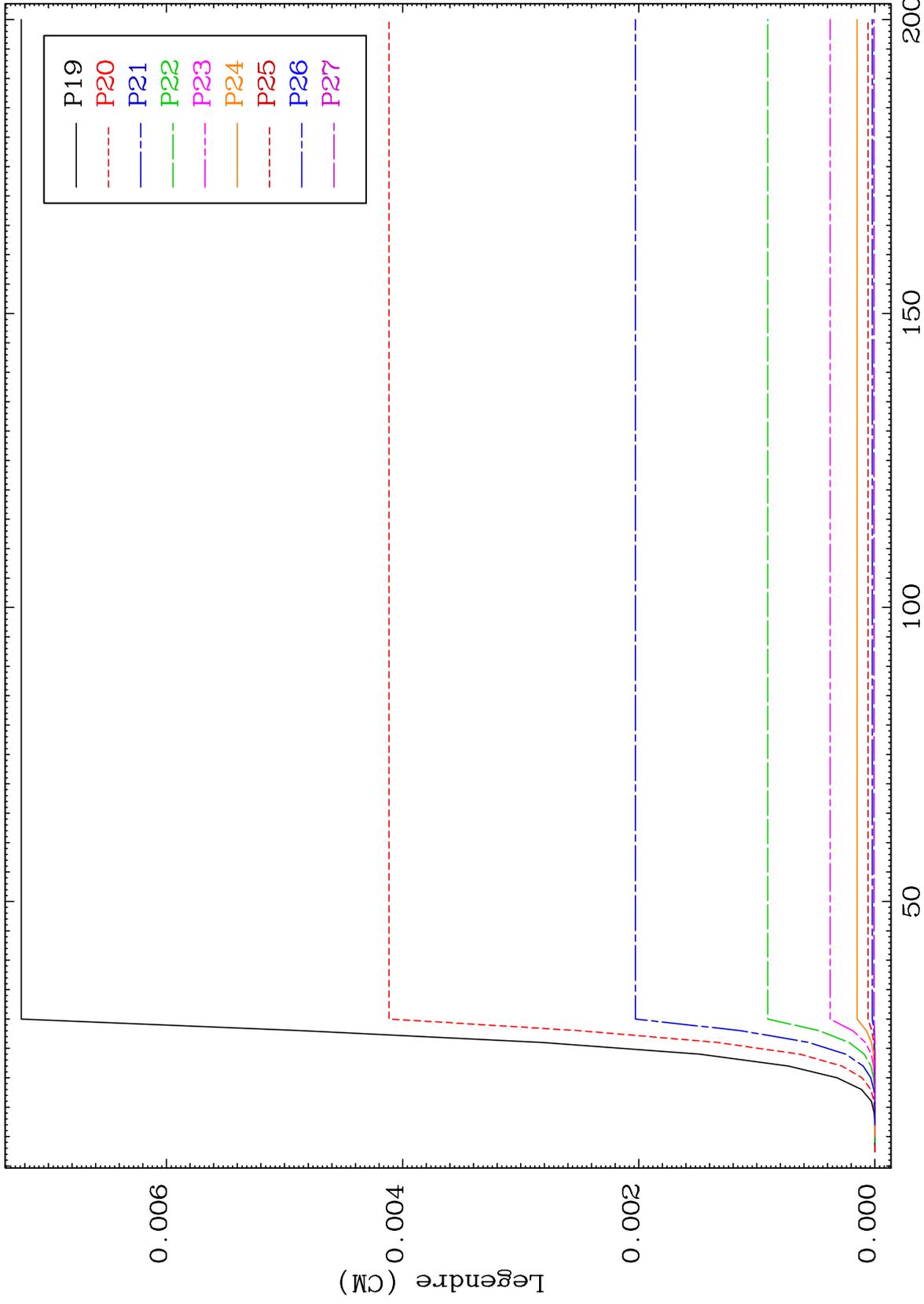
Incident Energy (MeV)

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MAT 4955

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

49-In-123



49

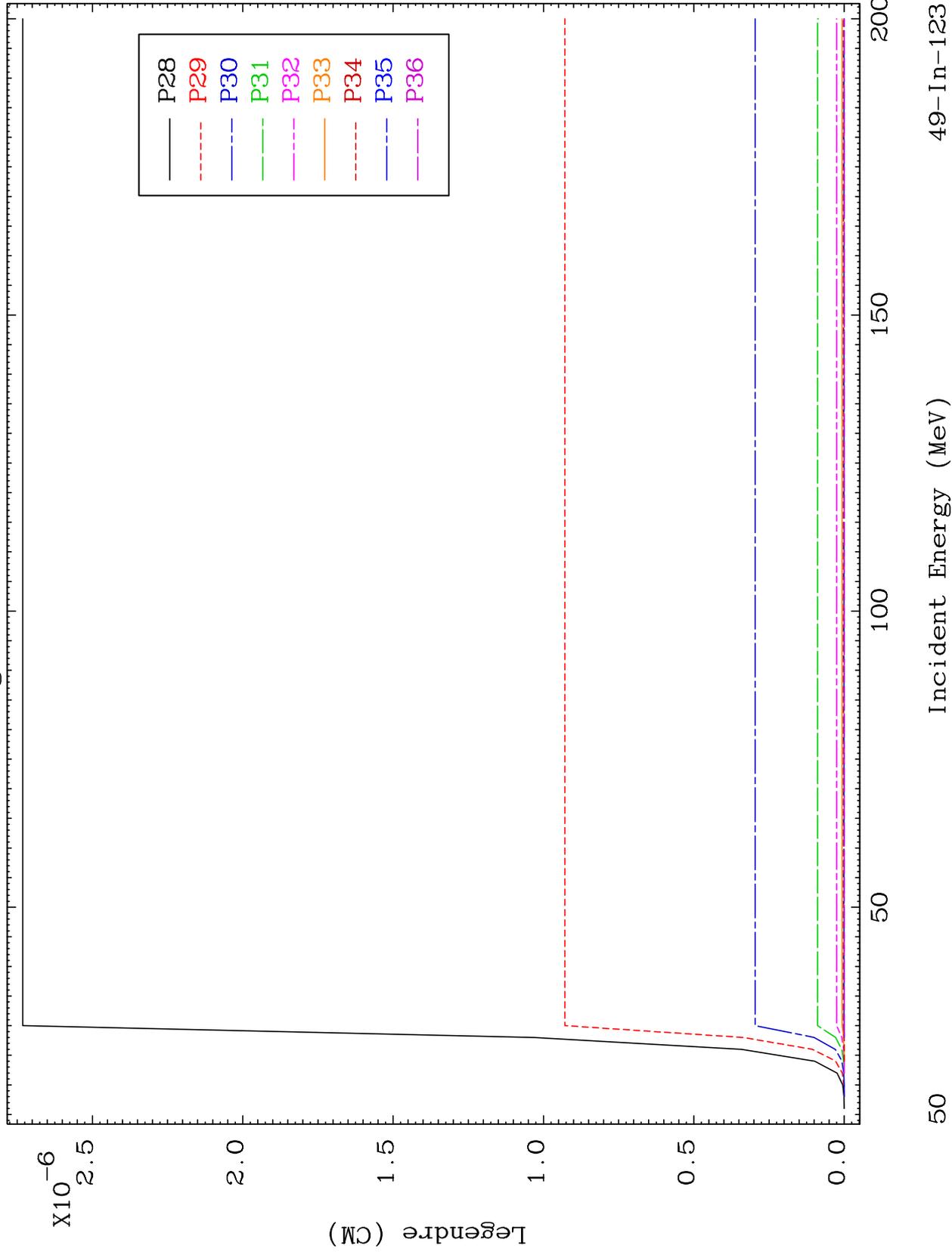
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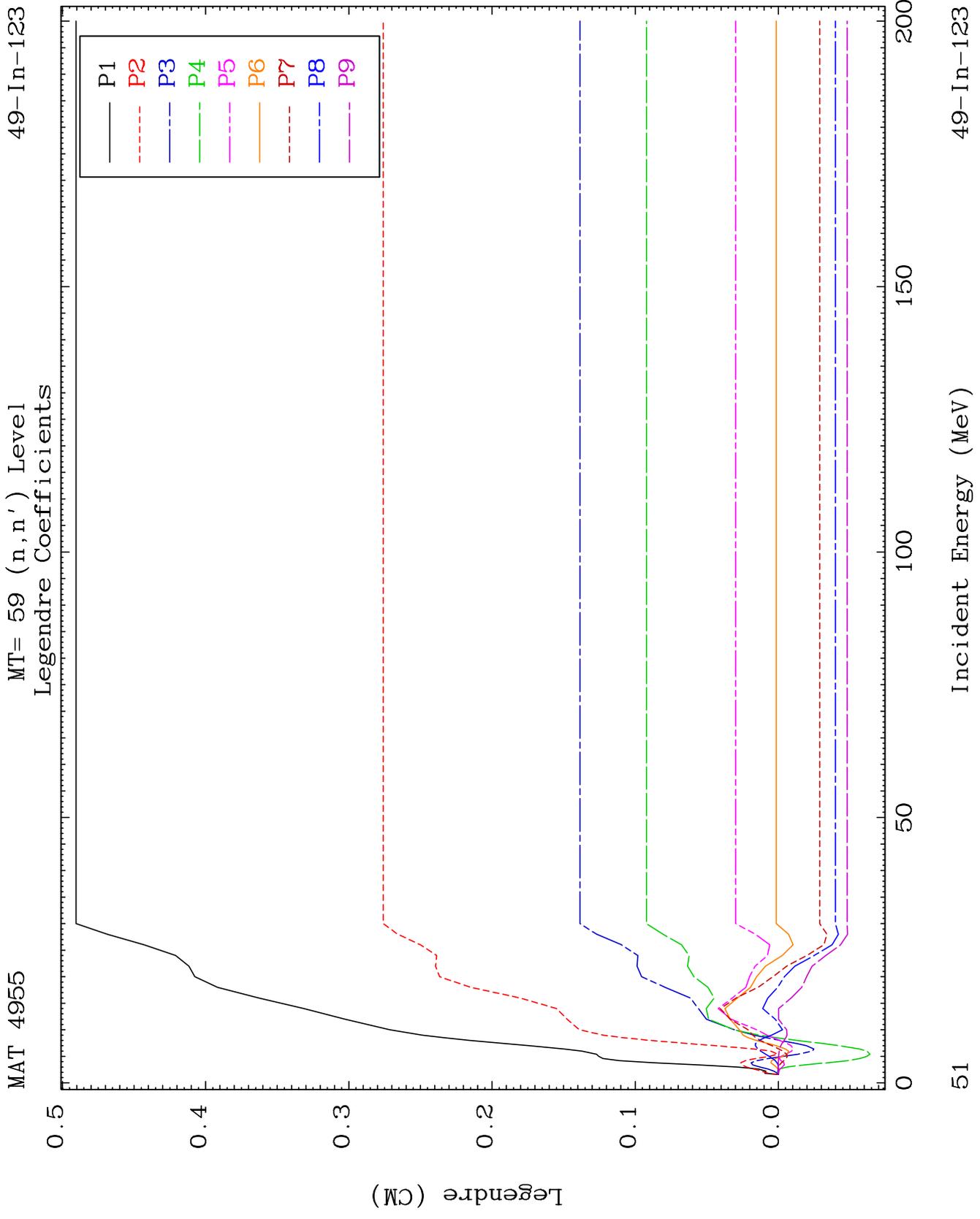
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MAT 4955

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

49-In-123

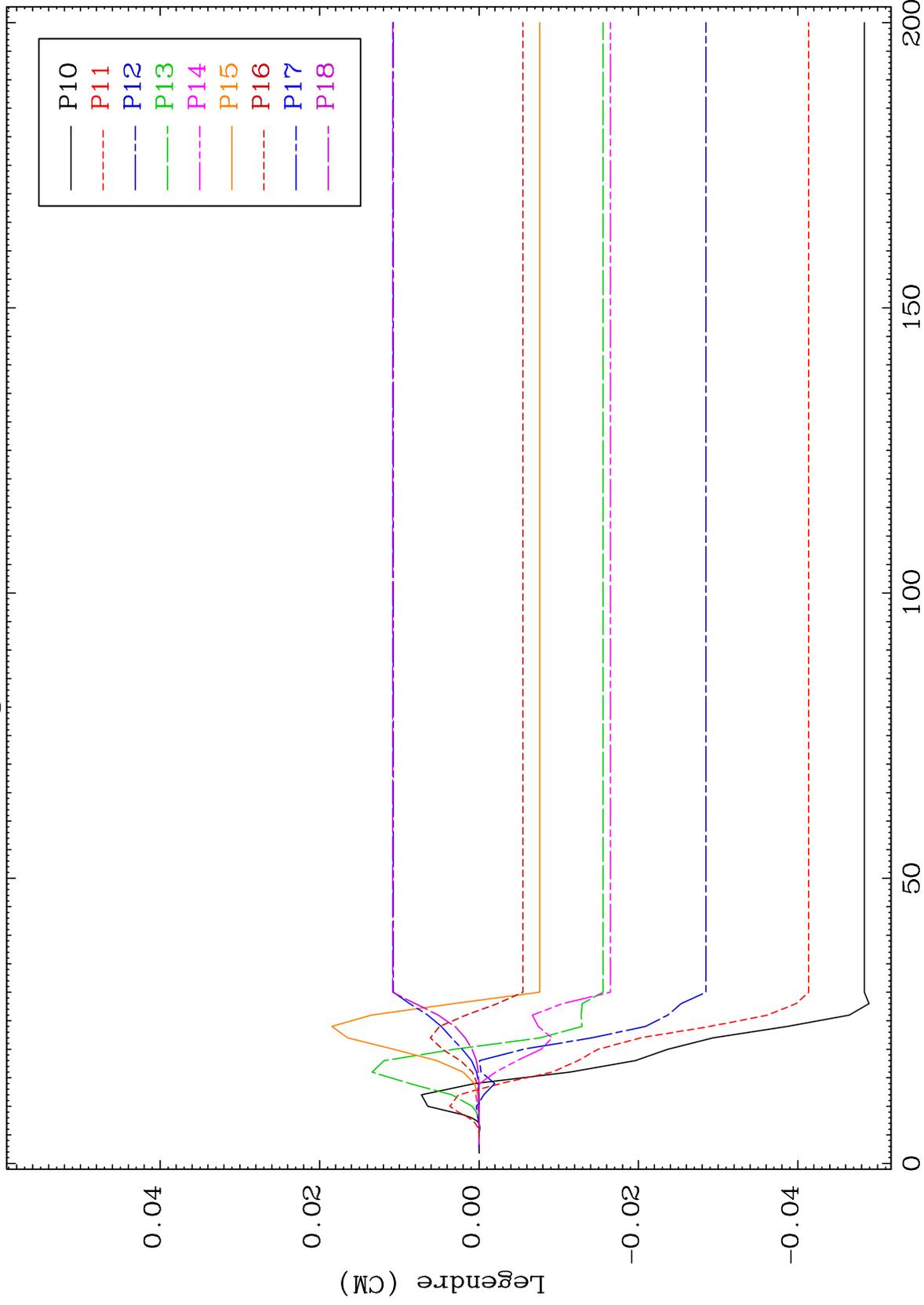




MAT 4955

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

49-In-123



52

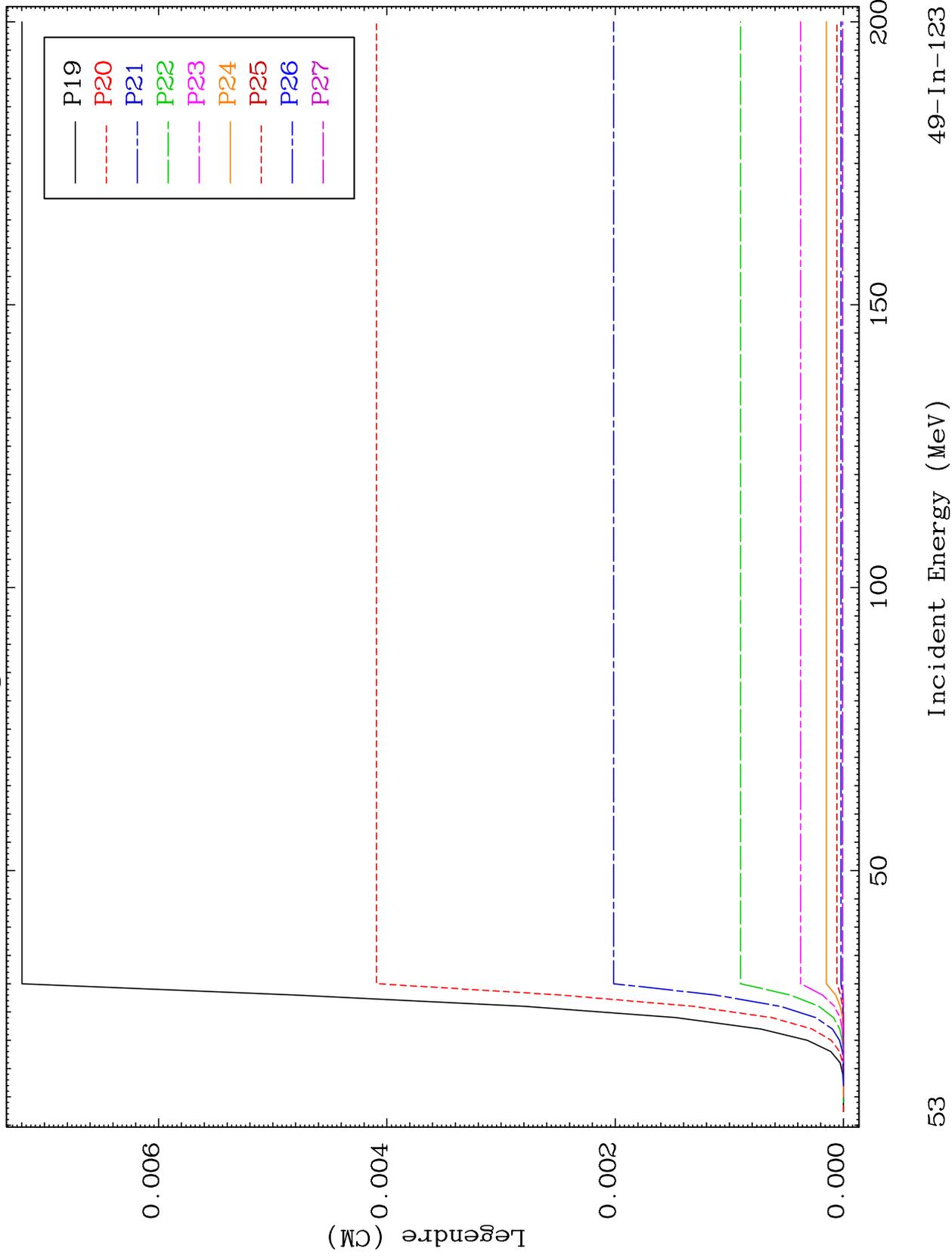
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49-In-123

MAT 4955

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

49-In-123



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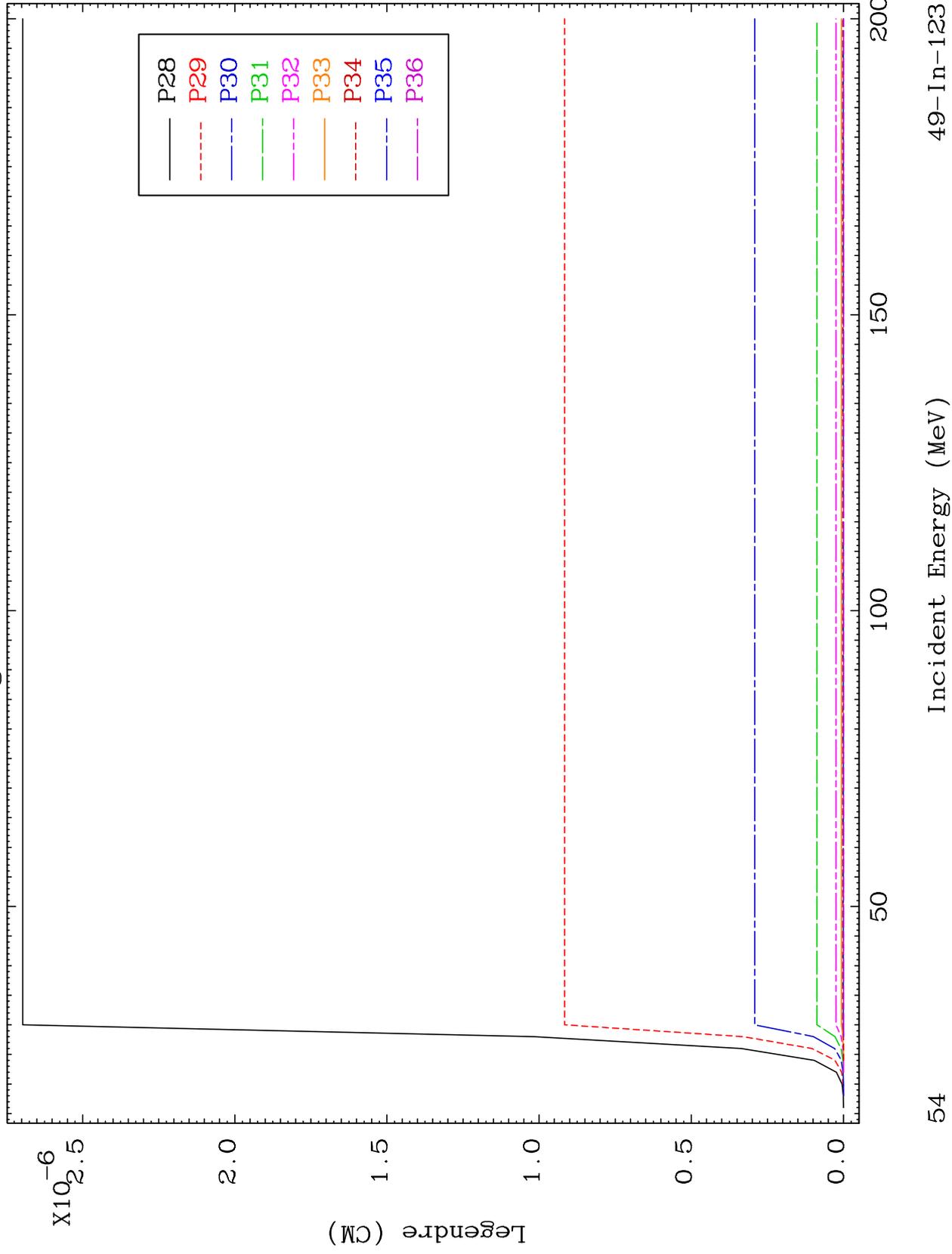
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MAT 4955

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

49-In-123



54

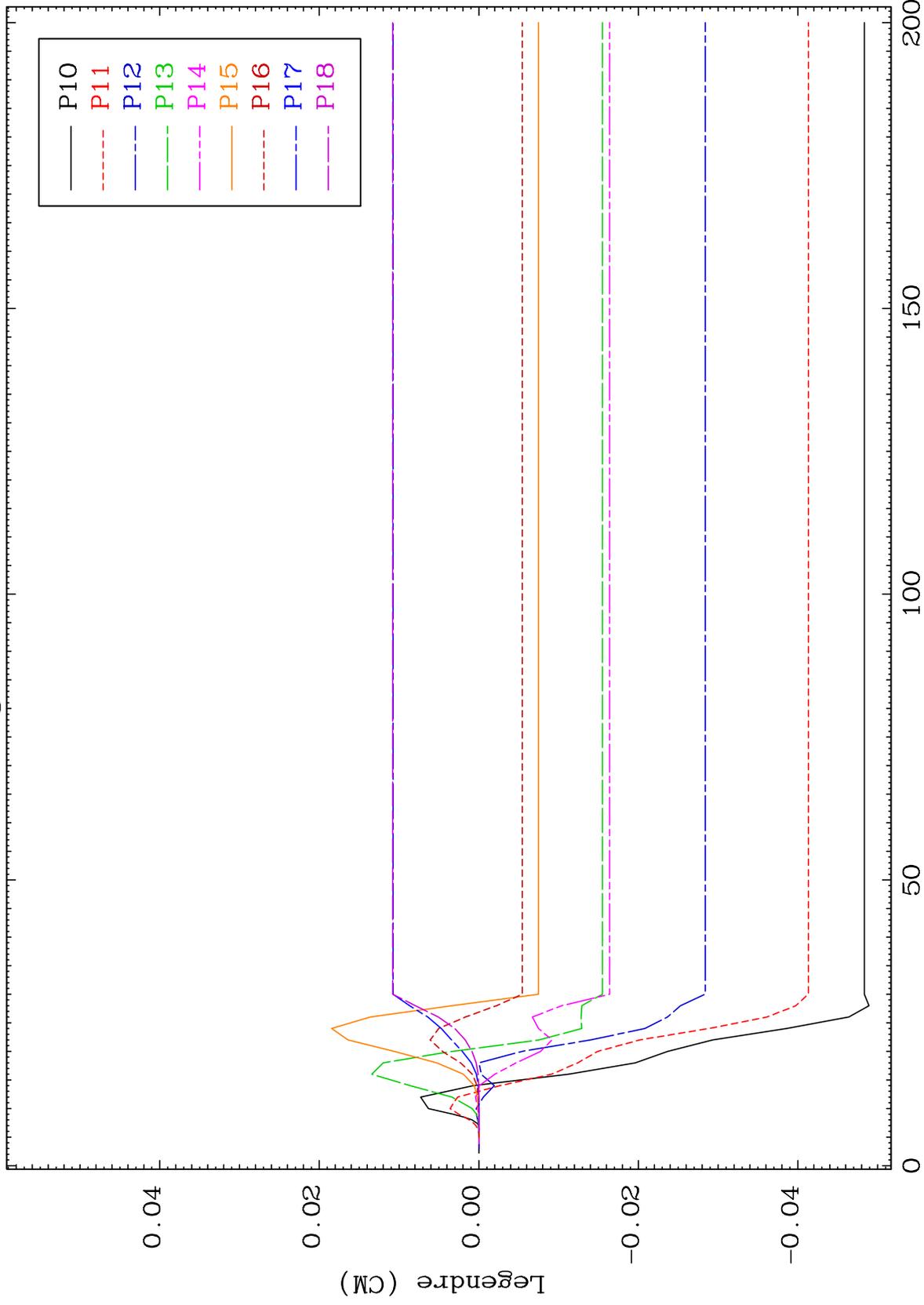
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49-In-123

MAT 4955

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

49-In-123



56

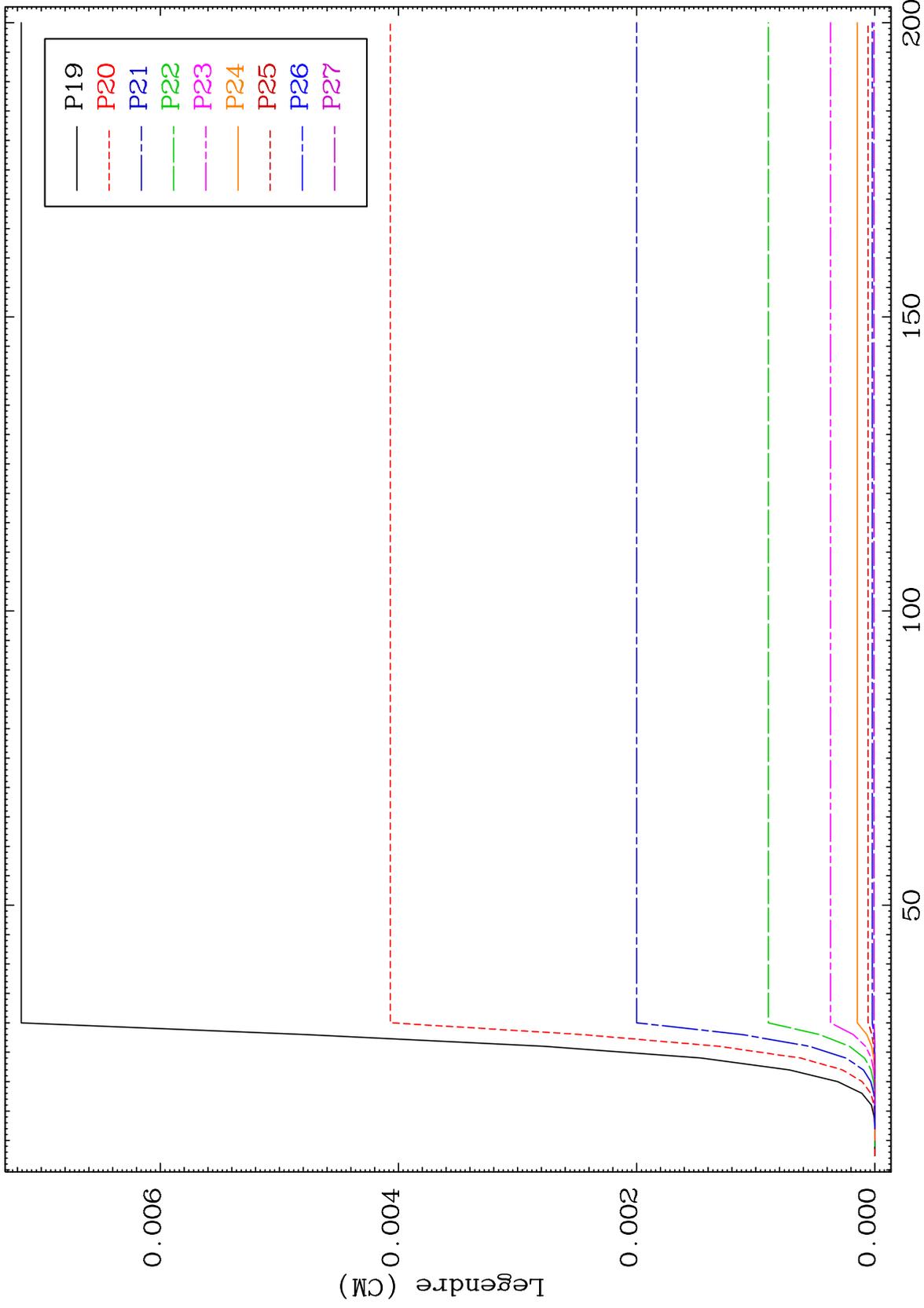
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



57

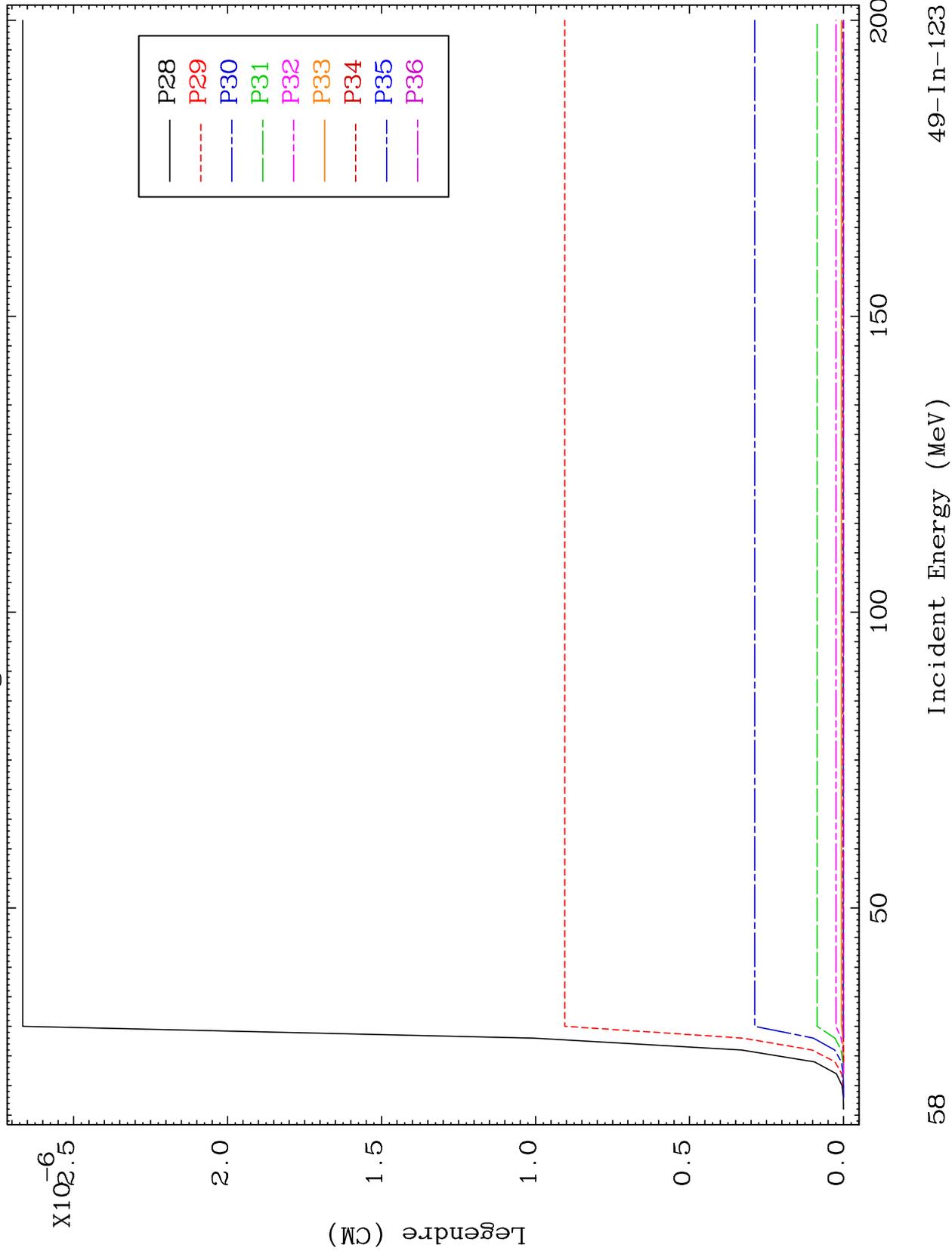
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



58

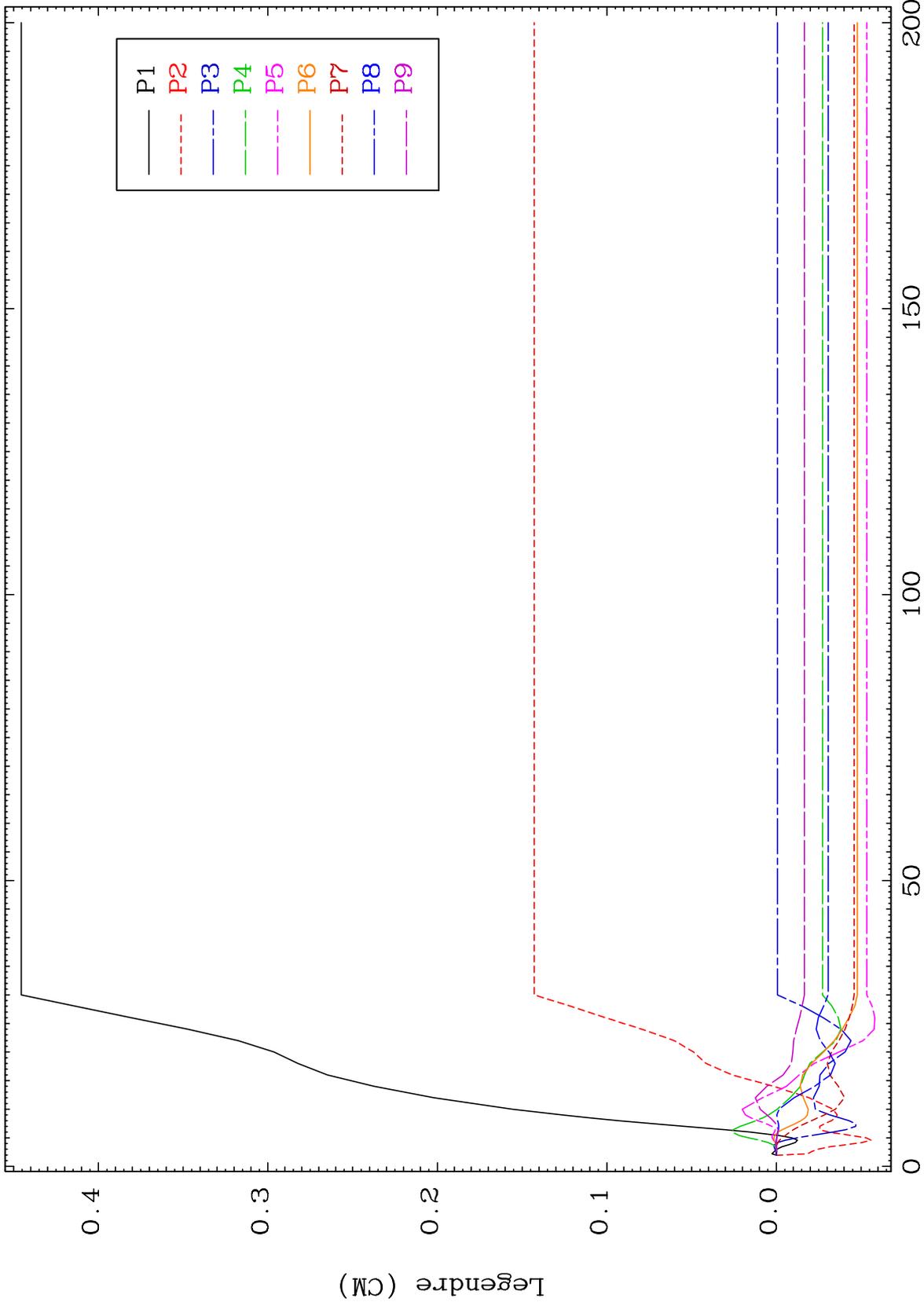
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



49-In-123

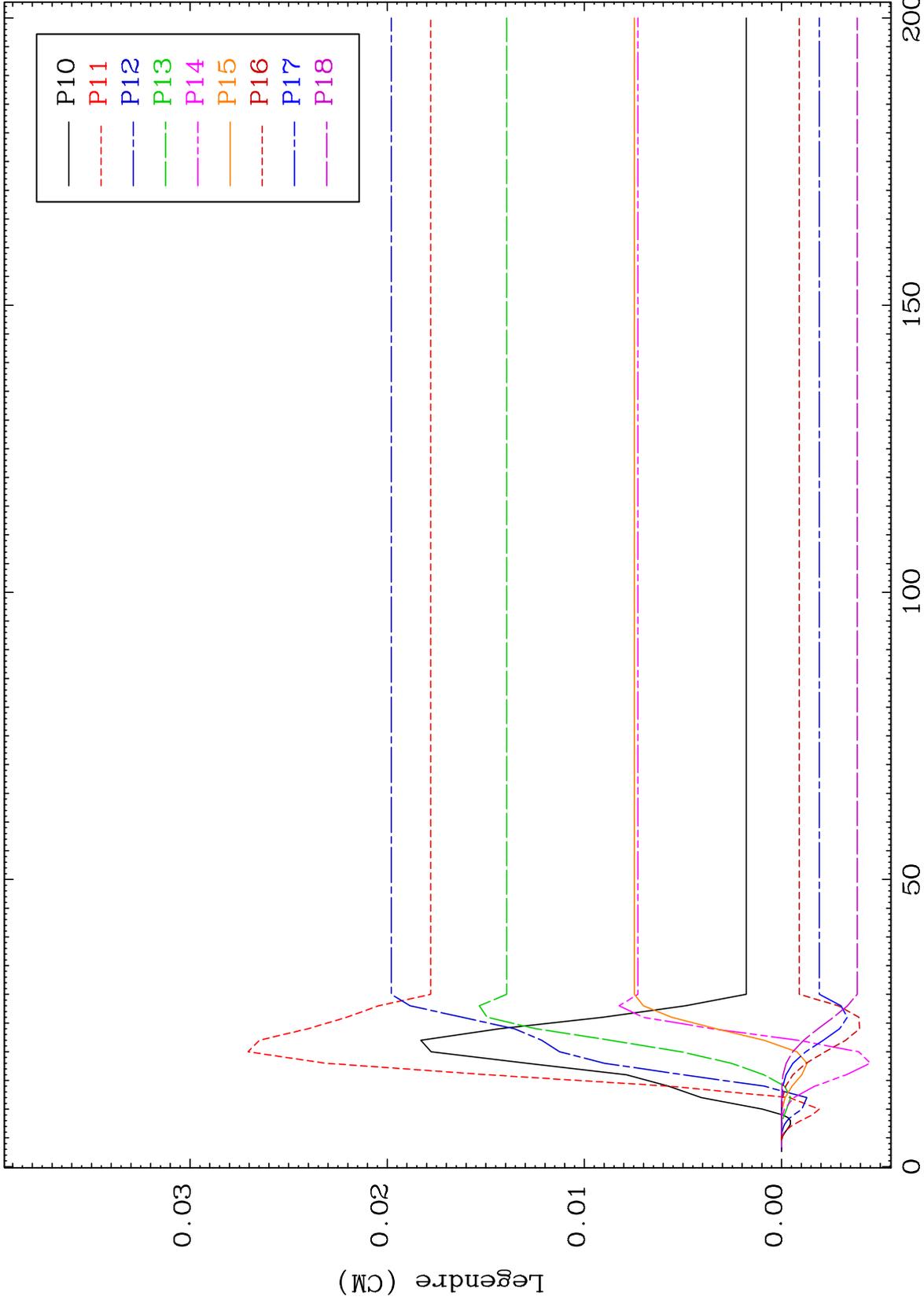
Incident Energy (MeV)

59

MAT 4955

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

49-In-123



60

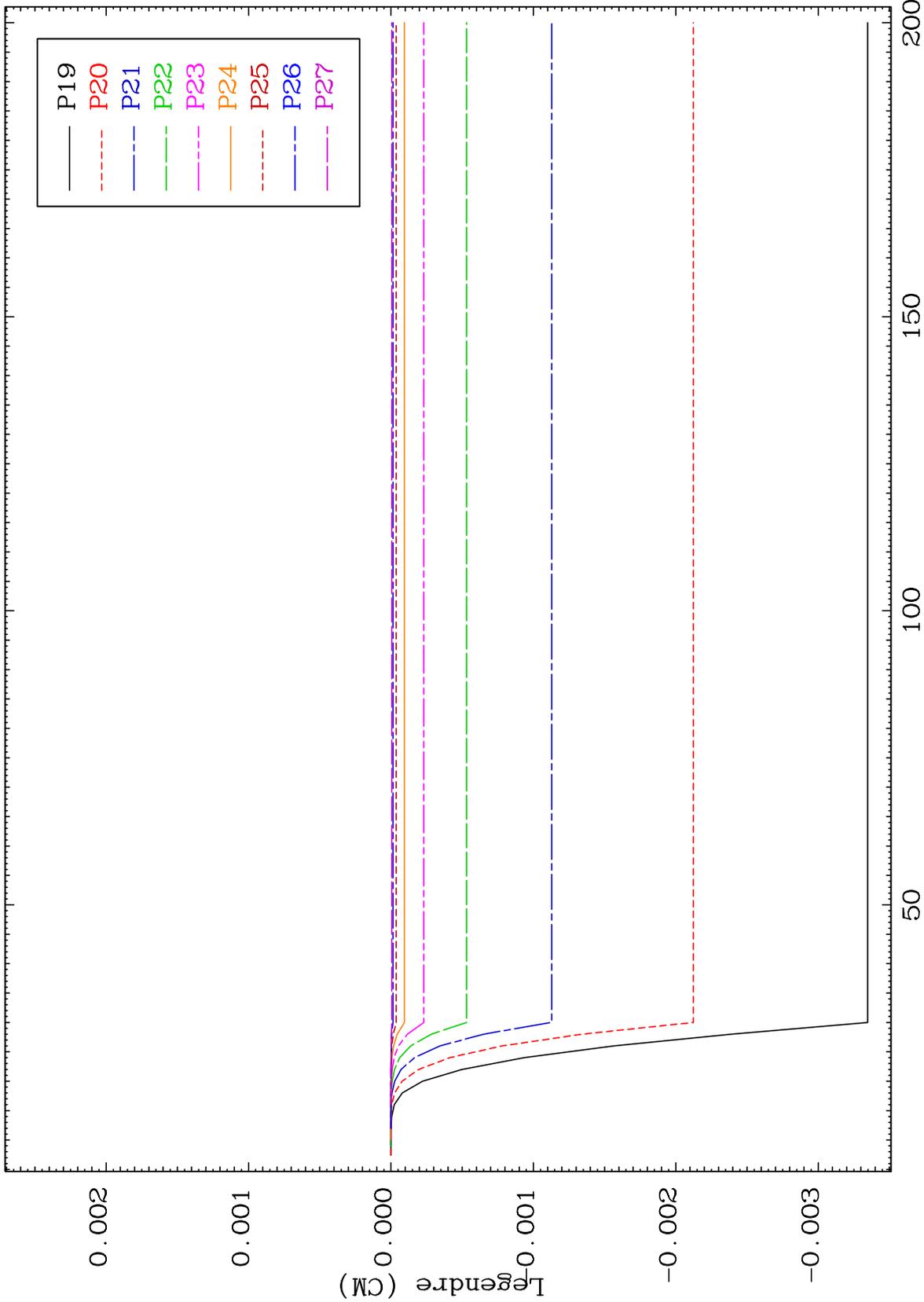
Incident Energy (MeV)

49-In-123

MAT 4955

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

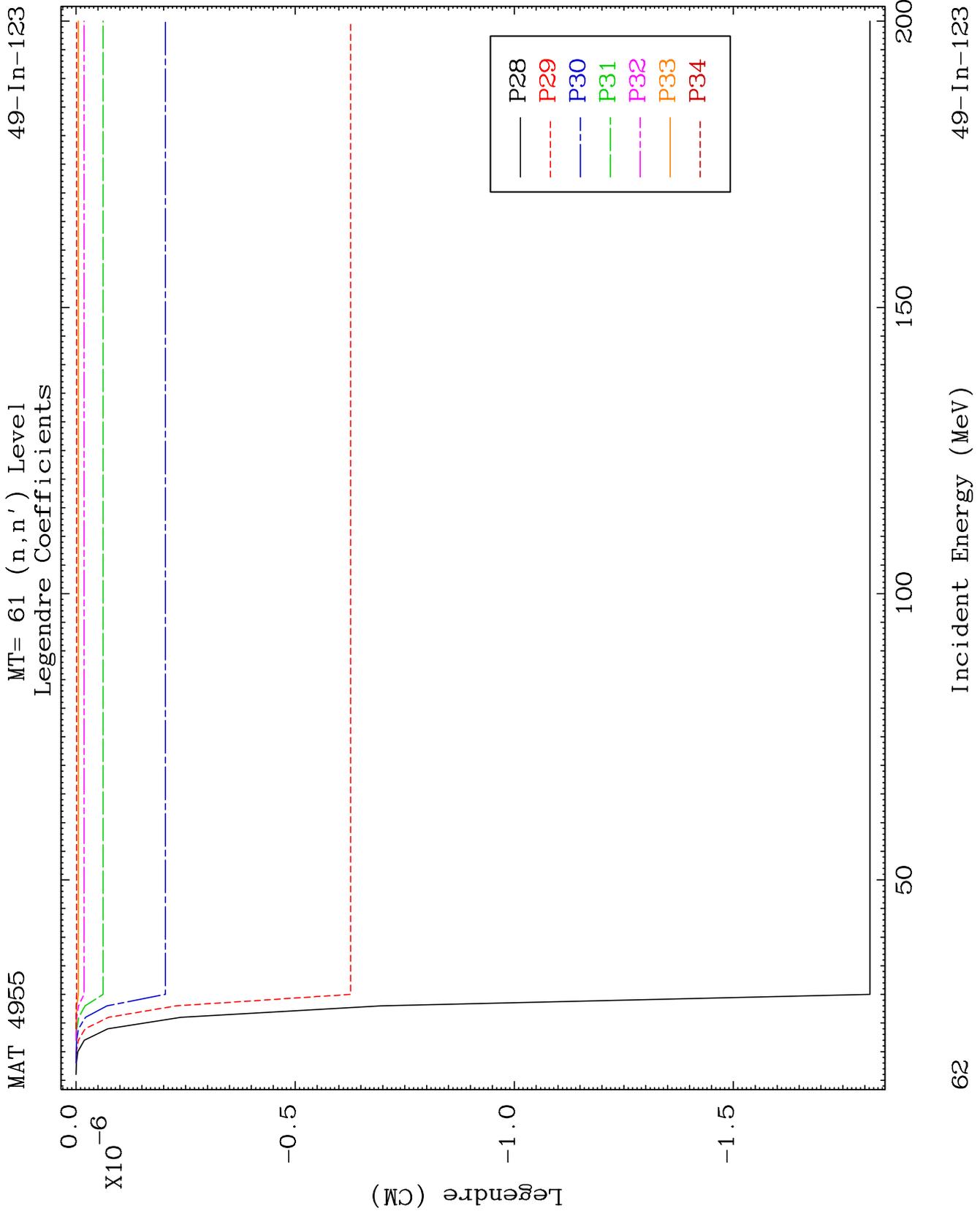
49-In-123



61

Incident Energy (MeV)

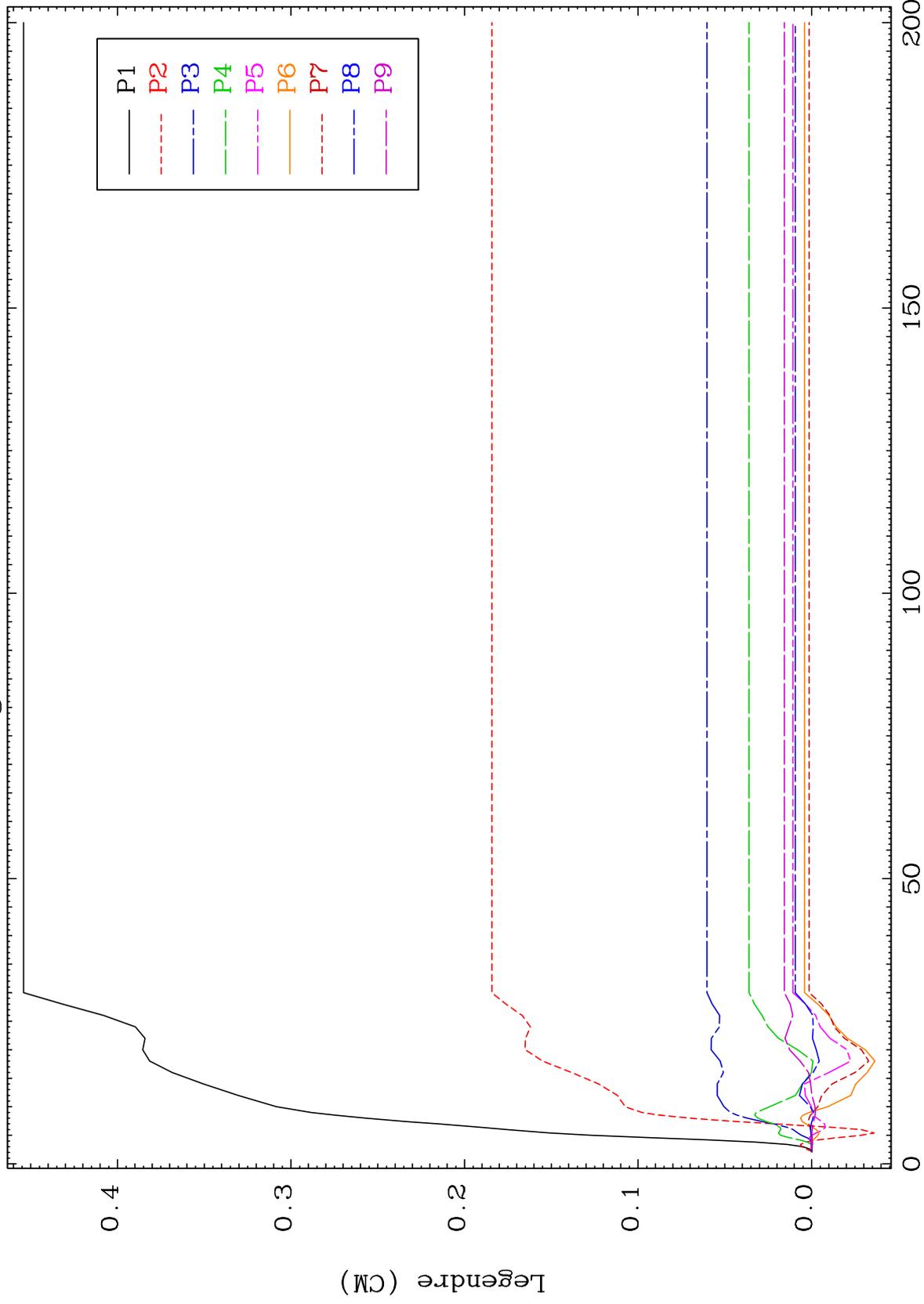
49-In-123



MAT 4955

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

49-In-123



49-In-123

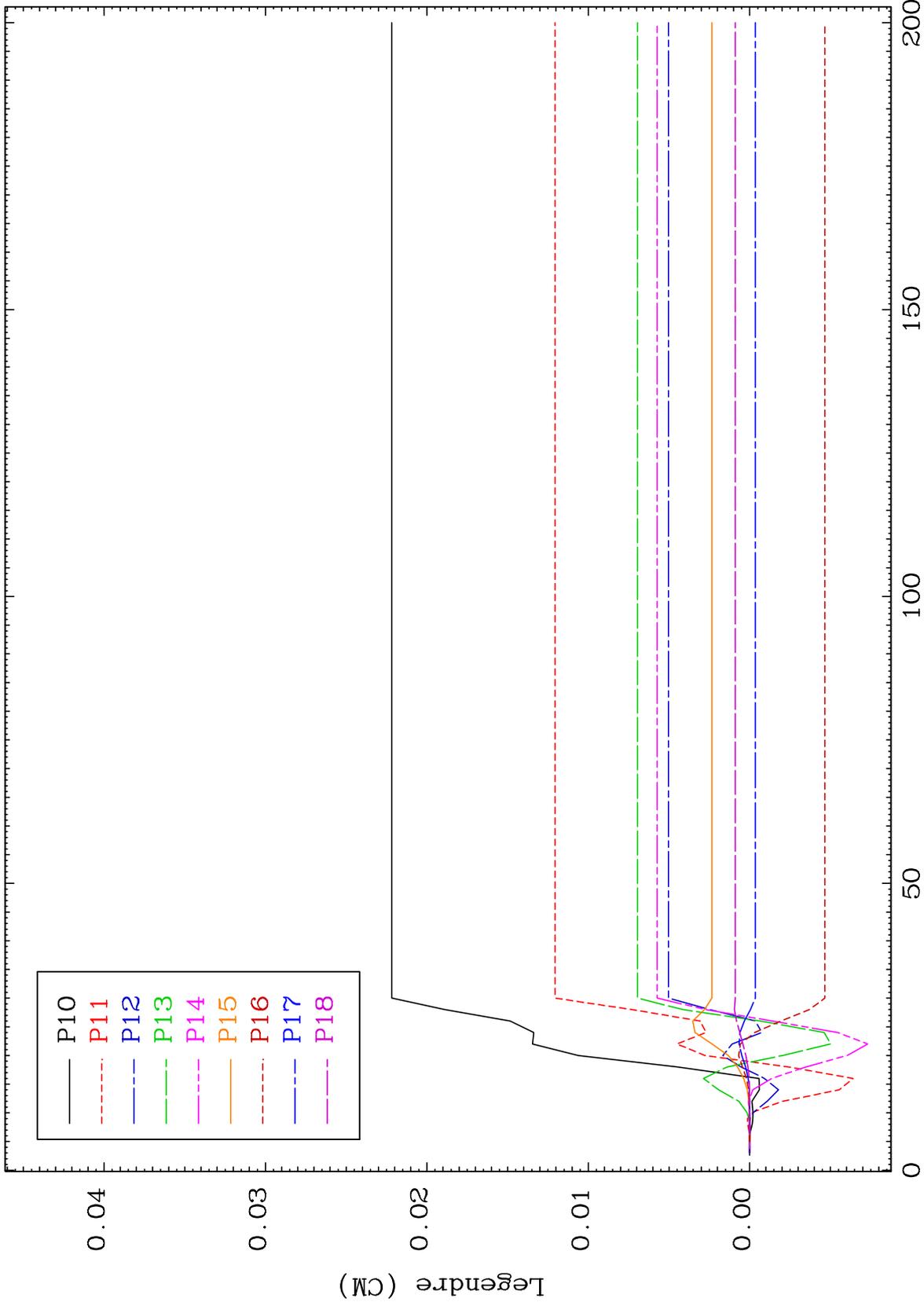
Incident Energy (MeV)

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MAT 4955

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

49-In-123



64

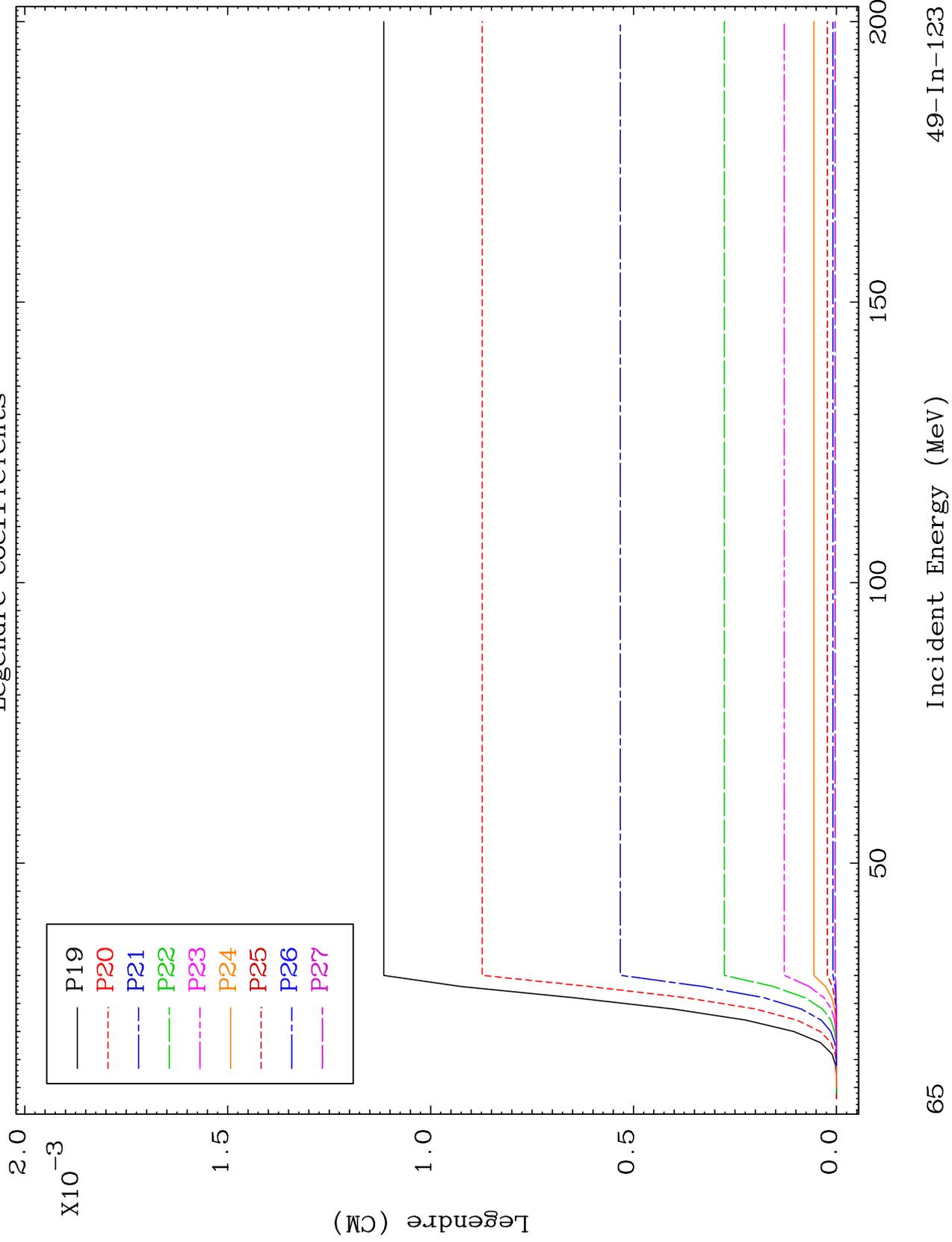
Incident Energy (MeV)

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MAT 4955

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

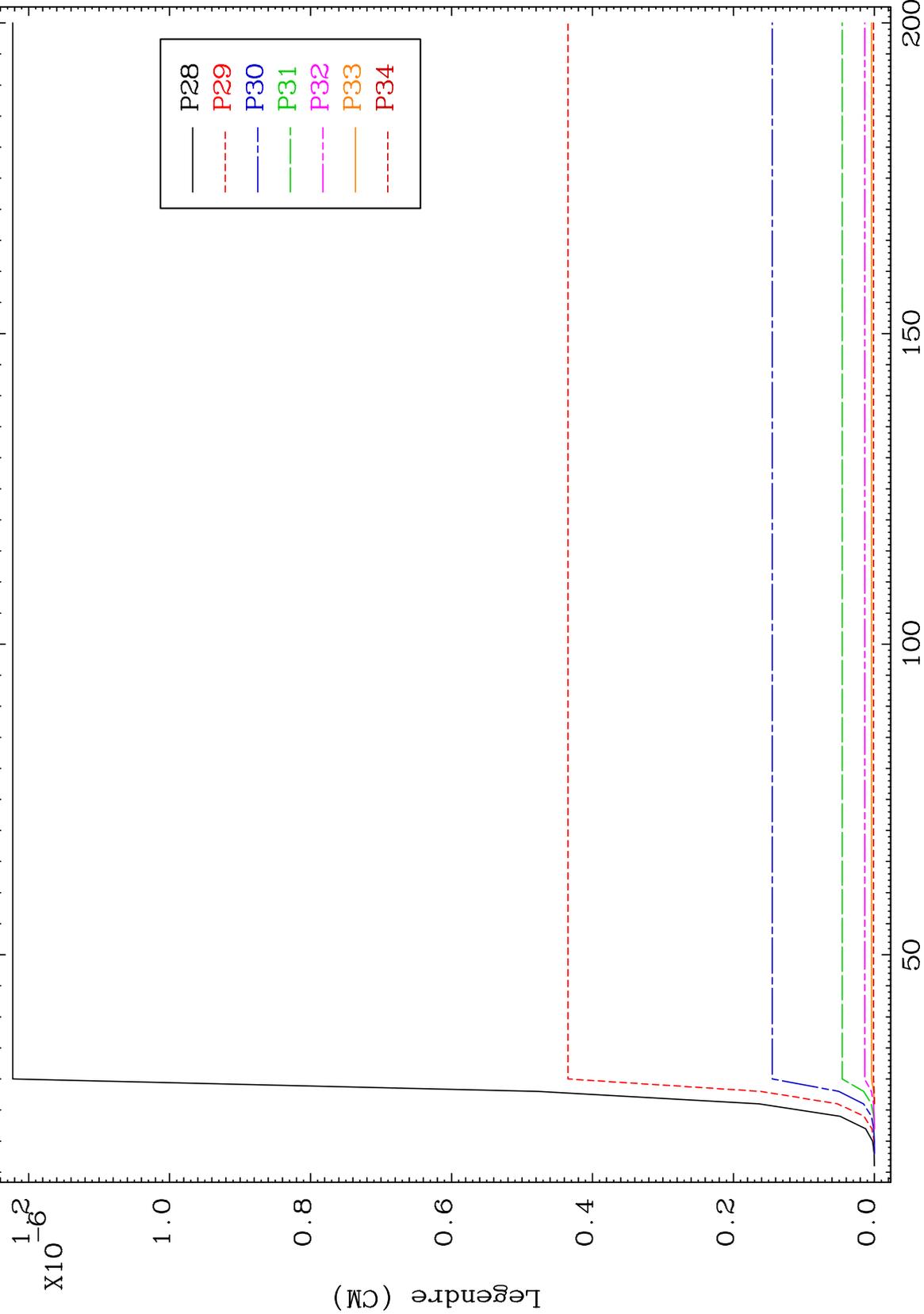
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MAT 4955

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

49-In-123



66

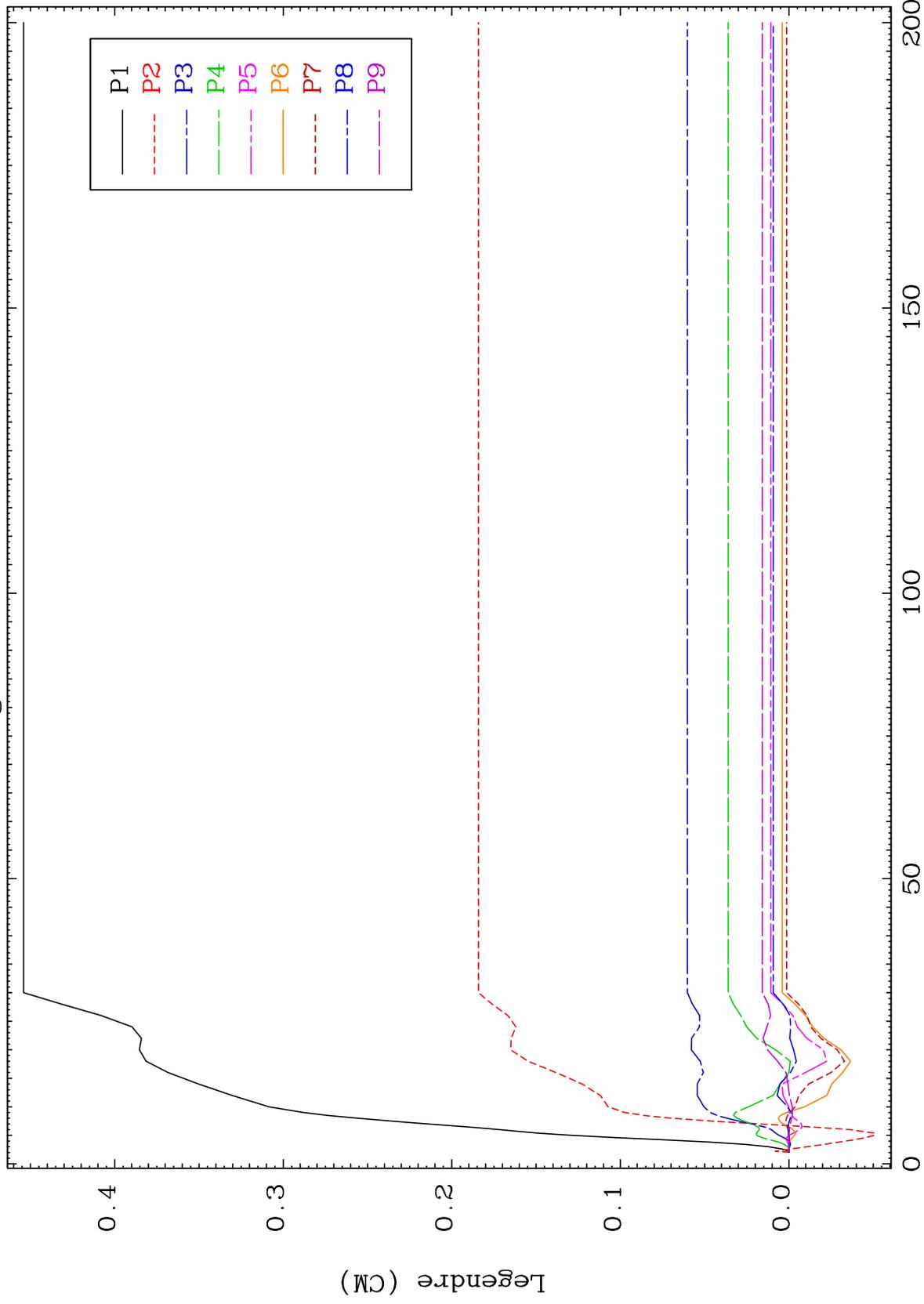
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



67

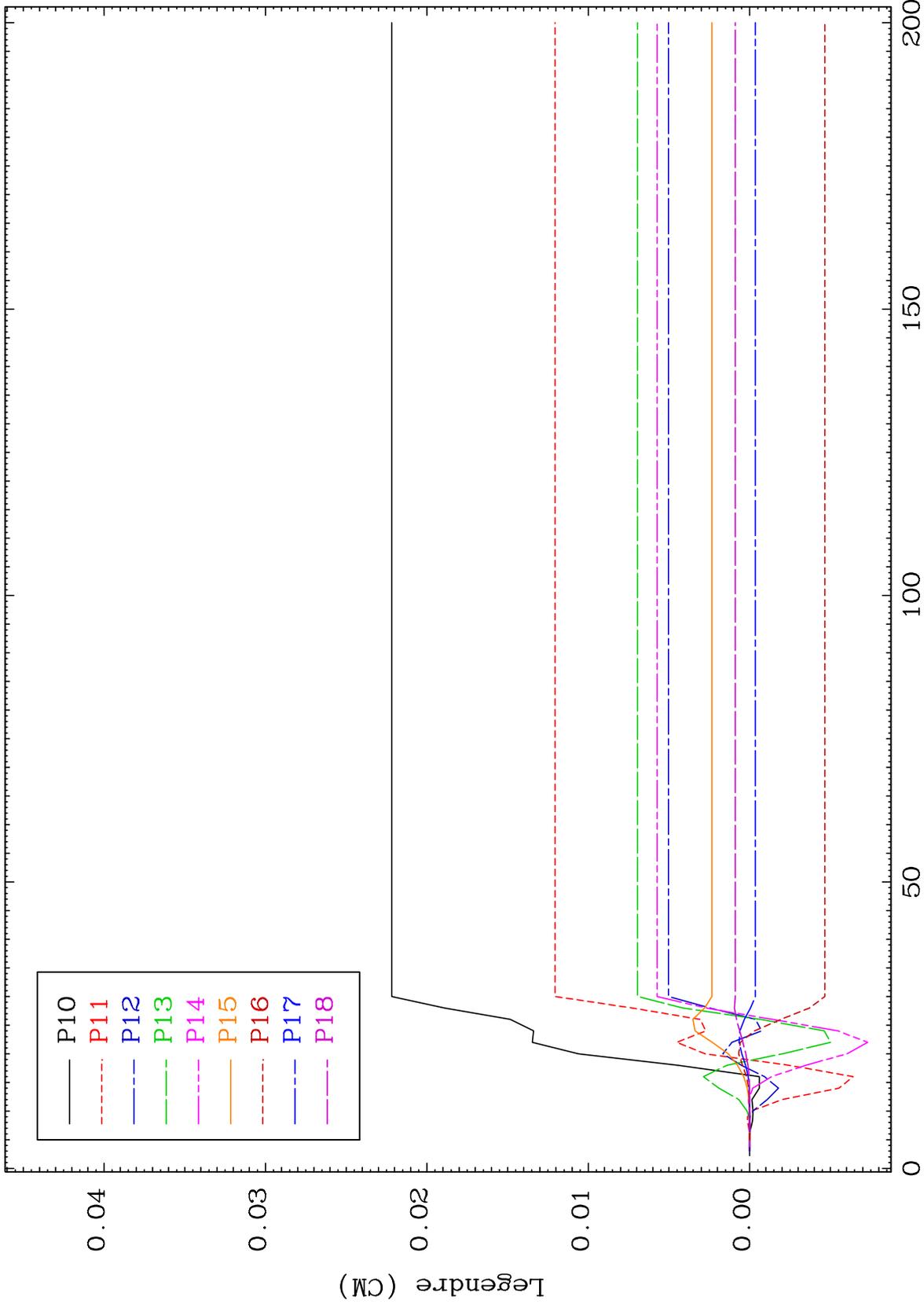
Incident Energy (MeV)

49-In-123

MAT 4955

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

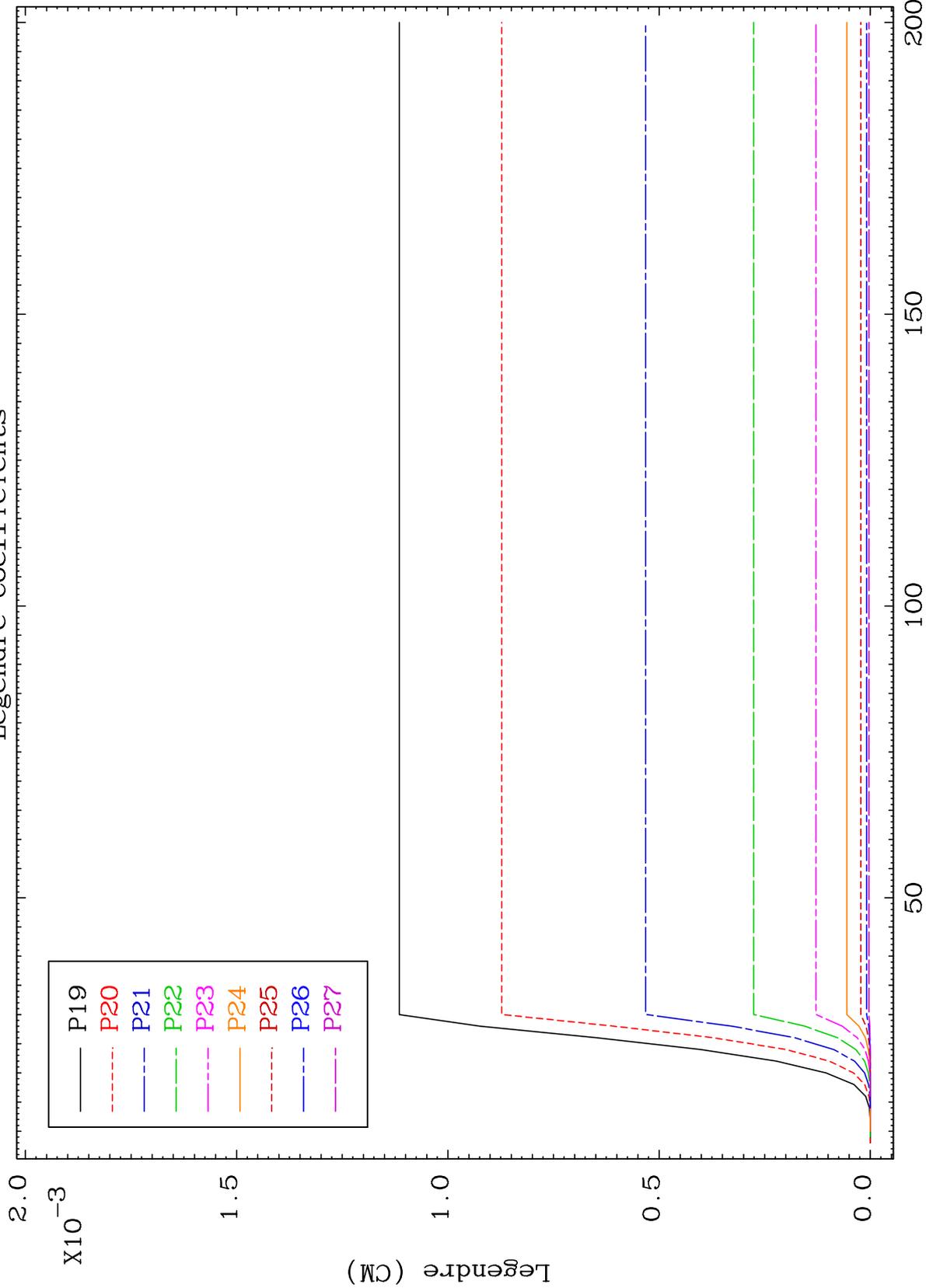
49-In-123



68

Incident Energy (MeV)

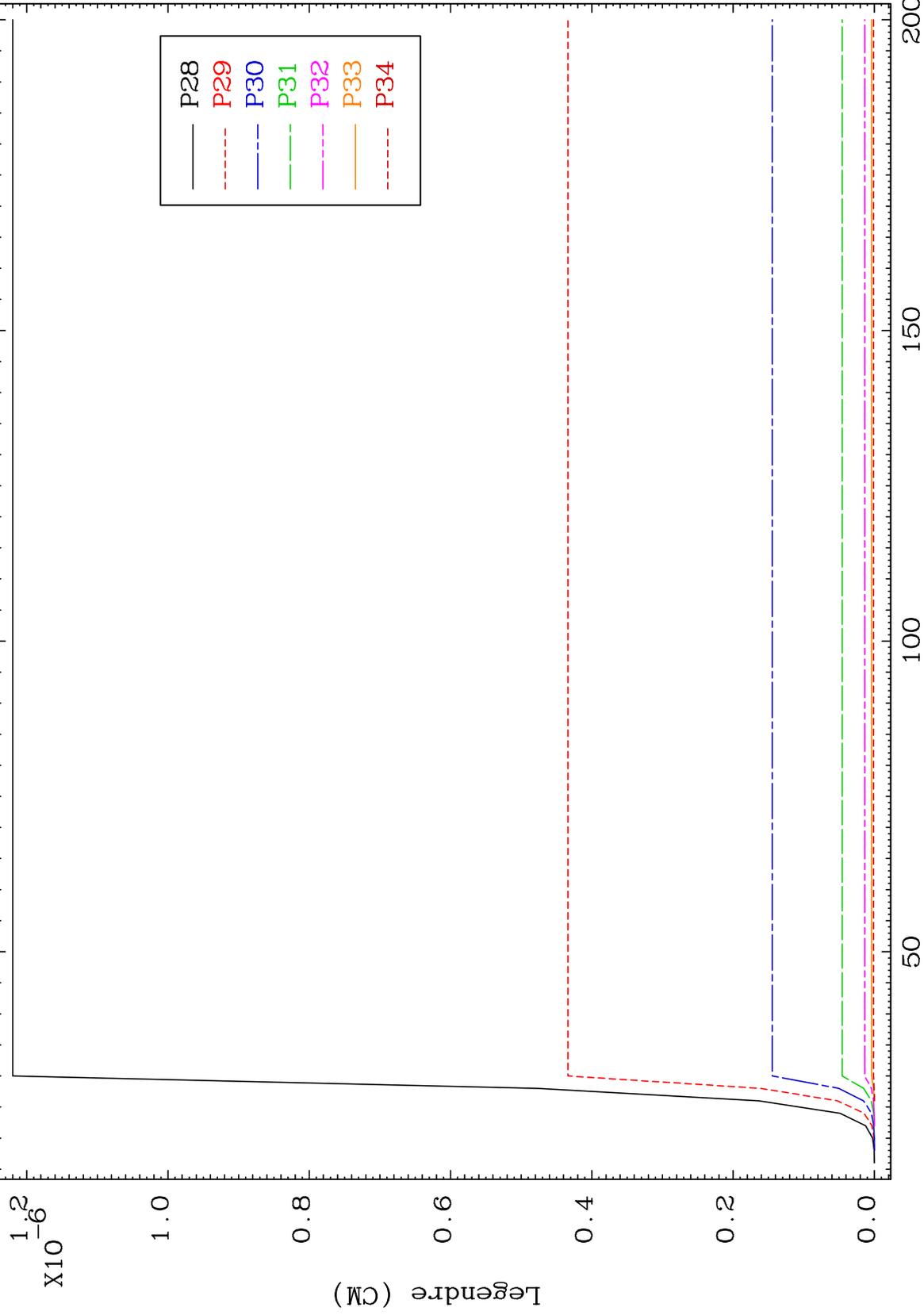
49-In-123



MAT 4955

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

49-In-123



70

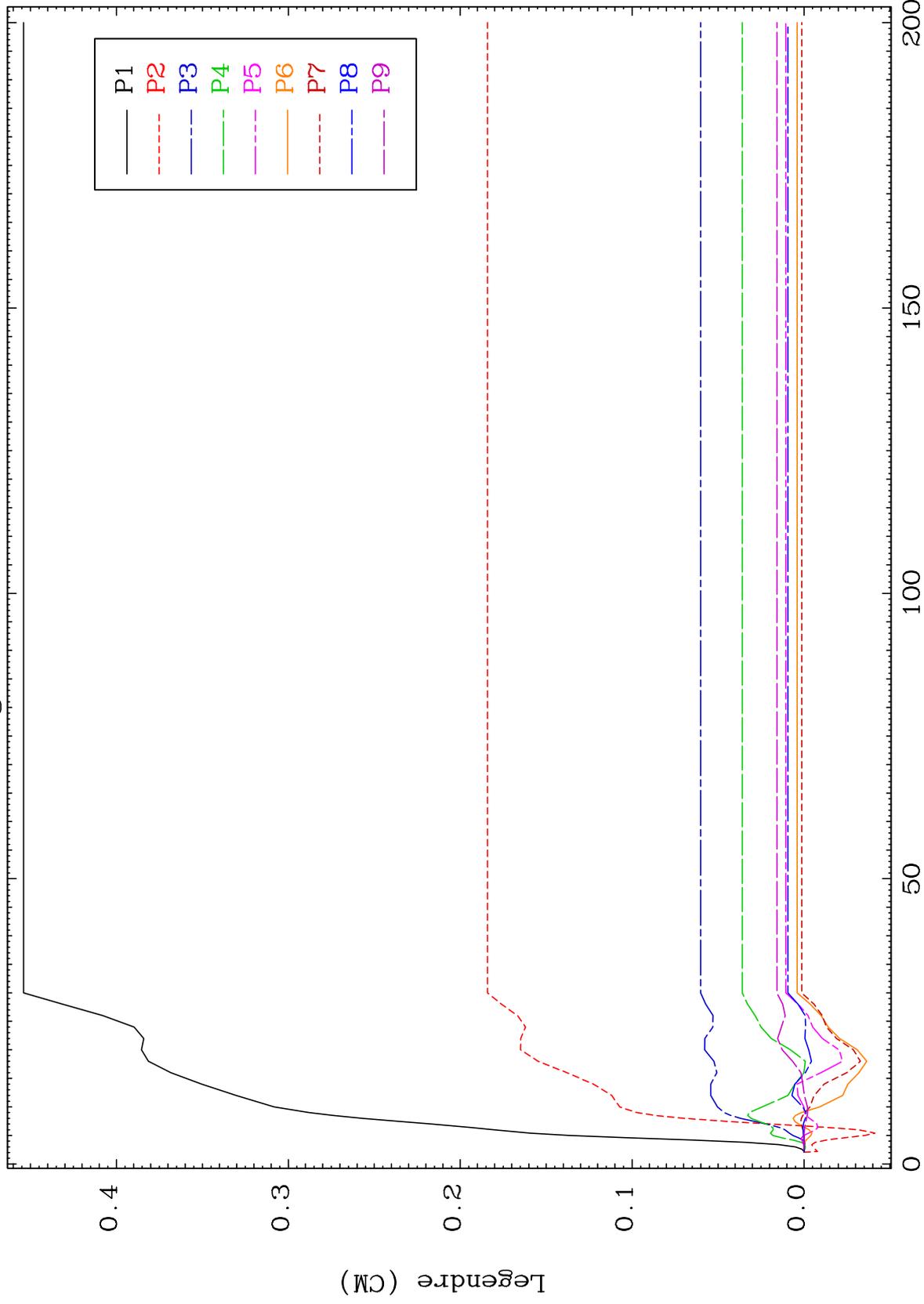
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



71

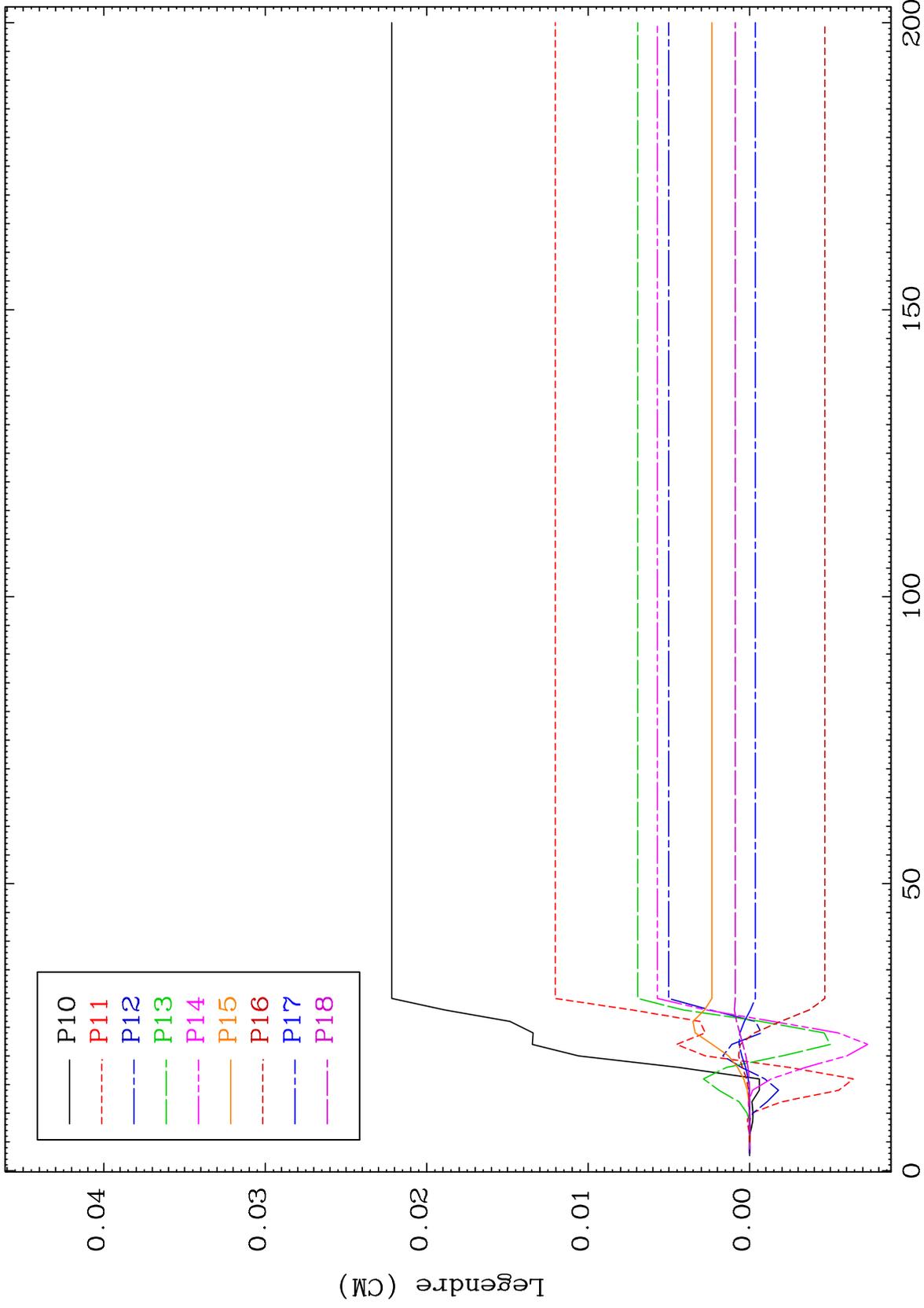
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



72

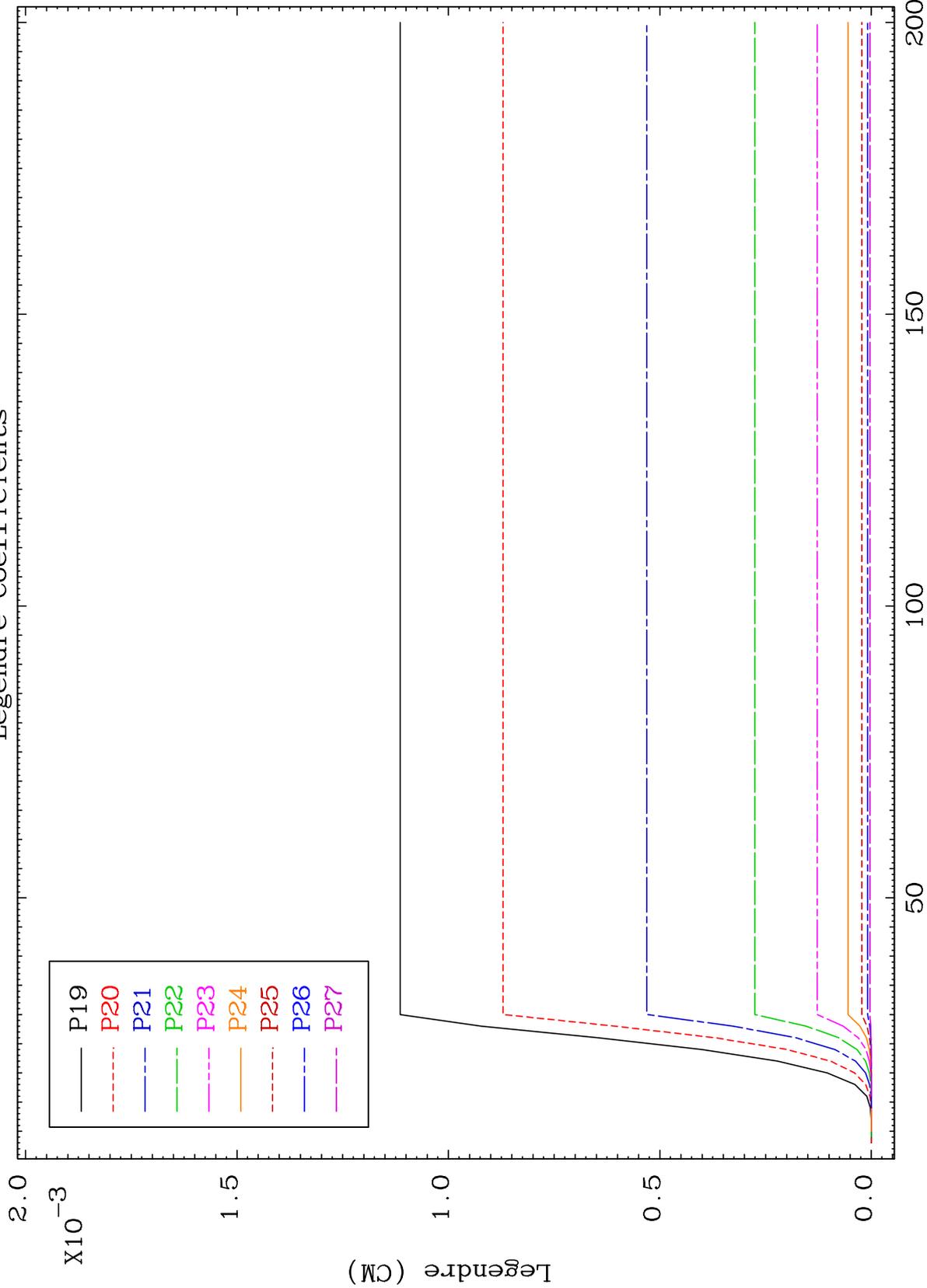
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



73

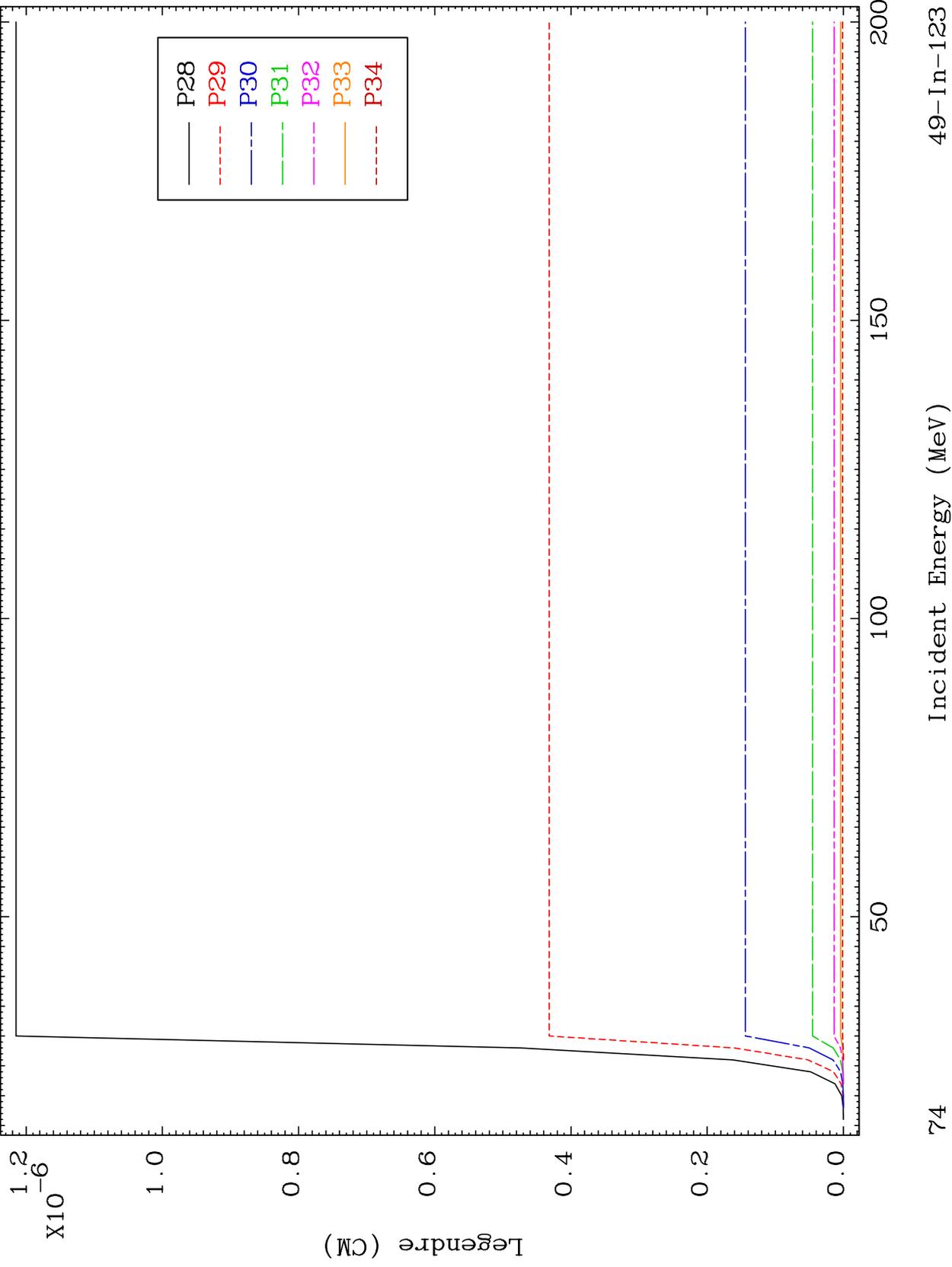
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



74

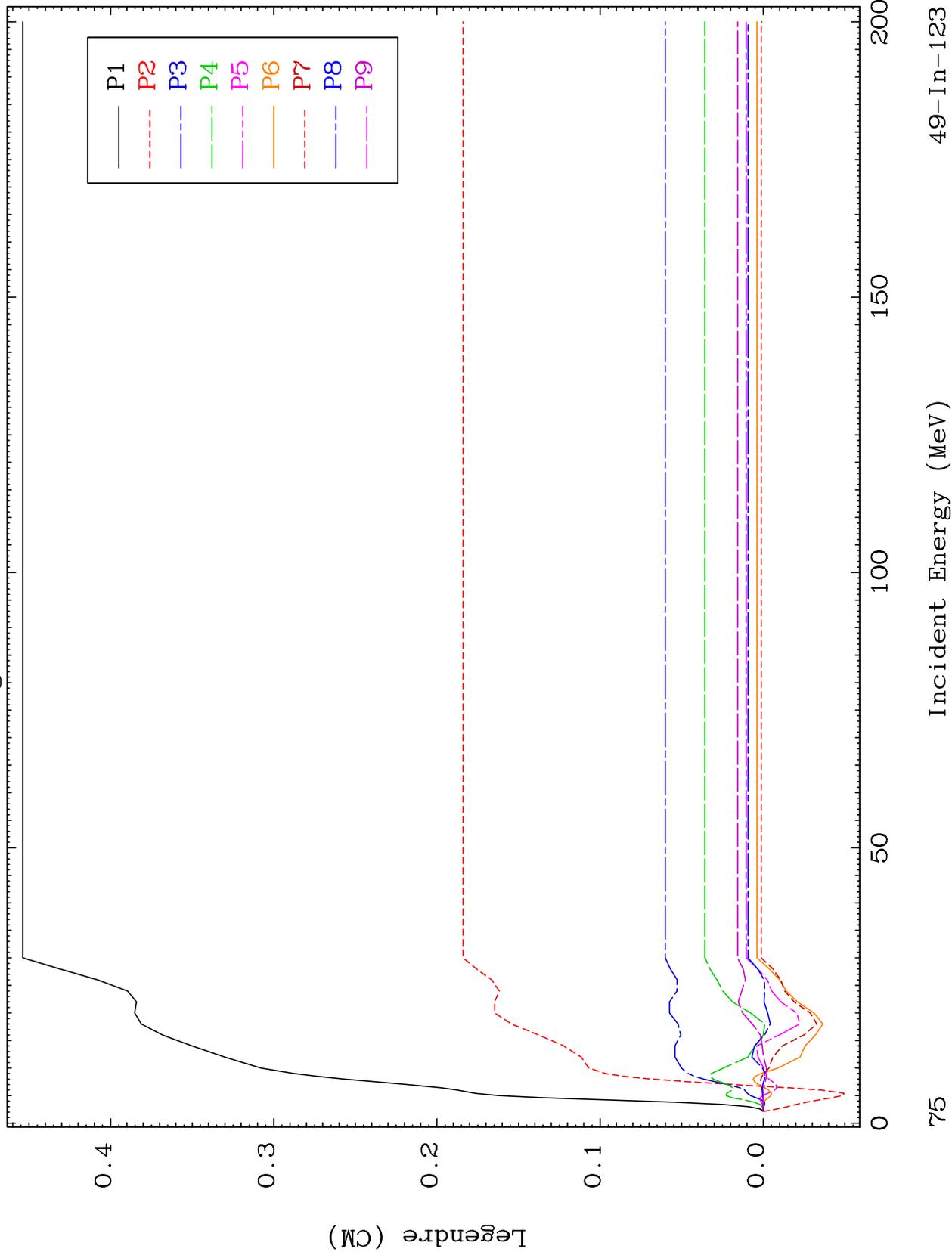
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123

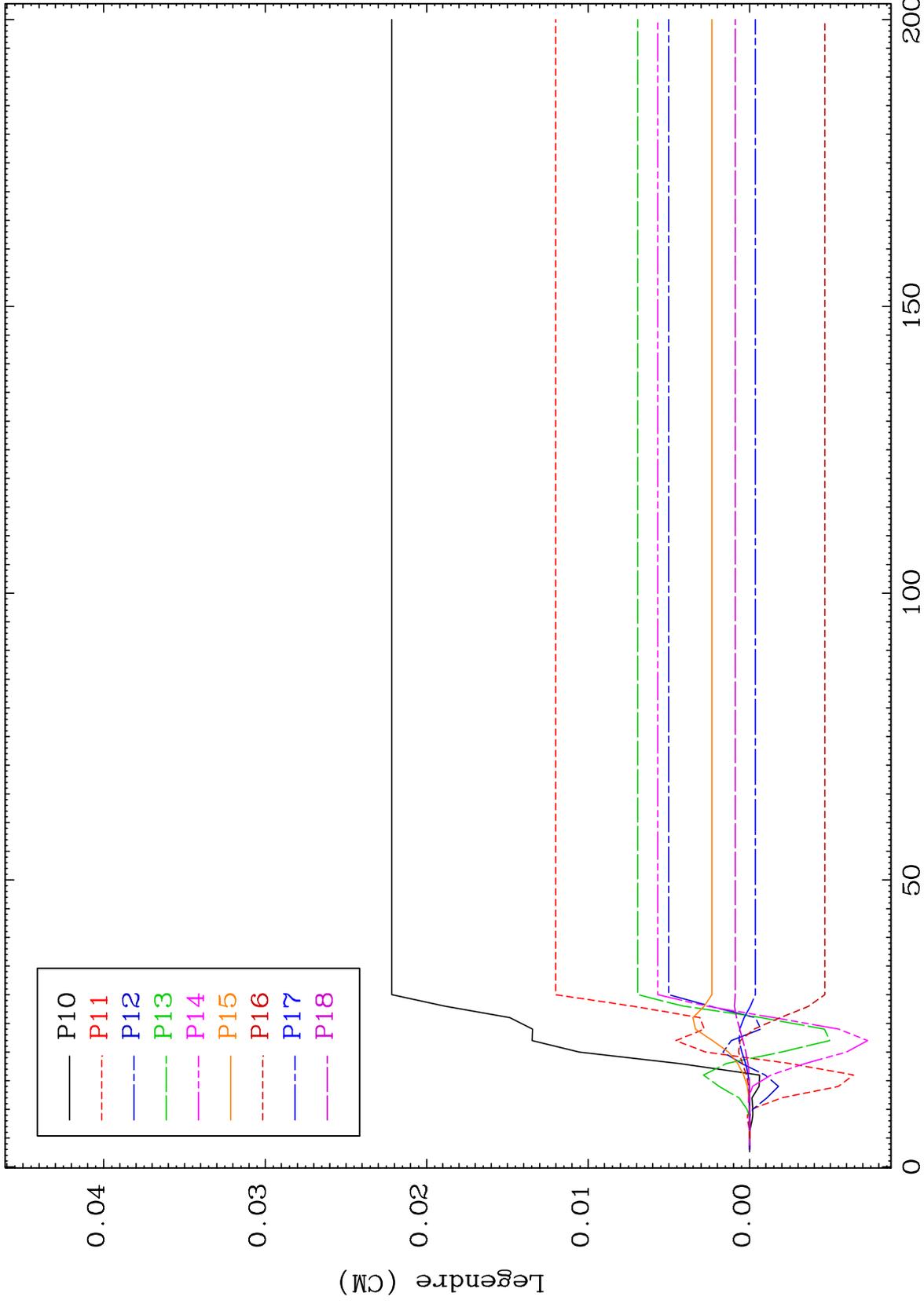


49-In-123

MAT 4955

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

49-In-123



76

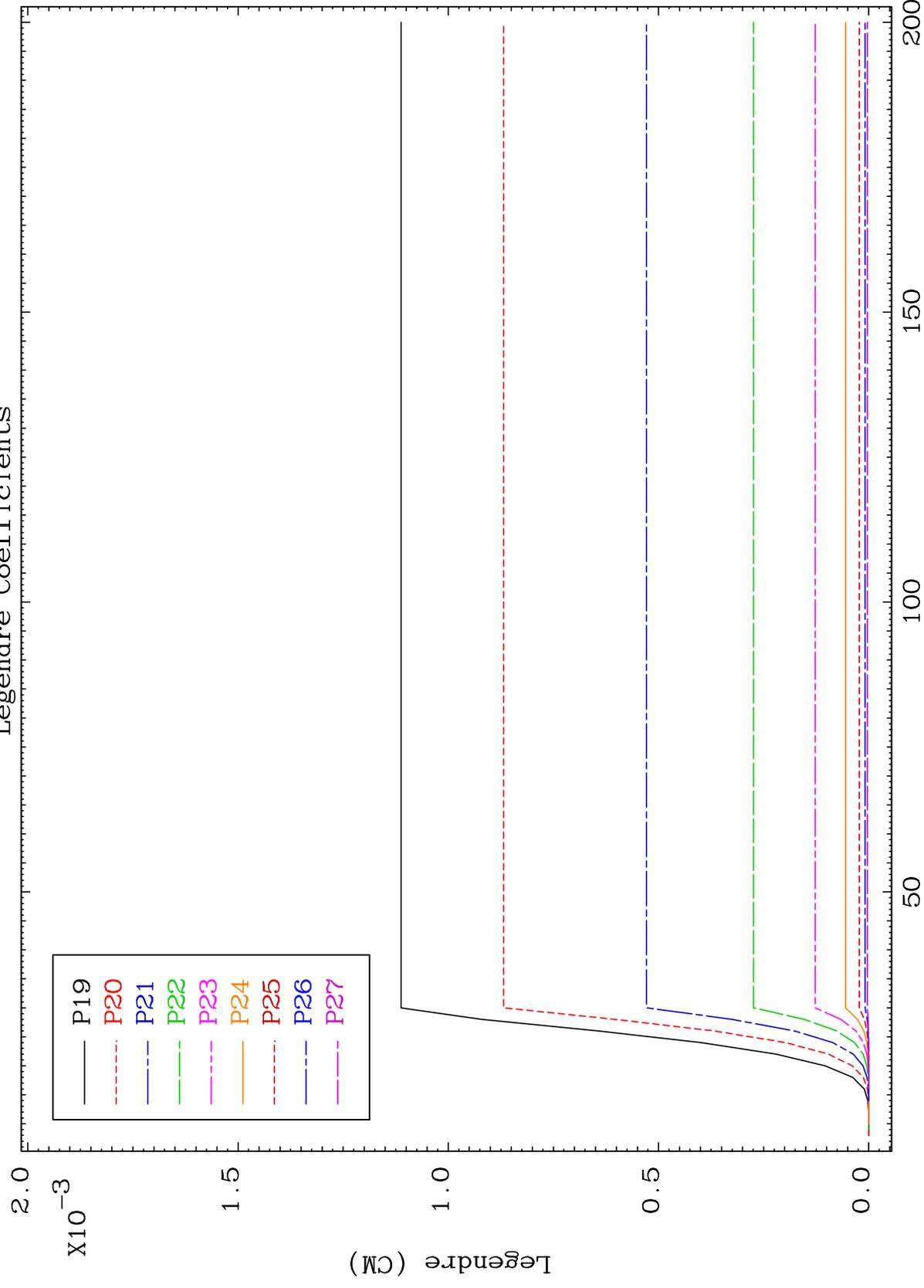
Incident Energy (MeV)

49-In-123

MAT 4955

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

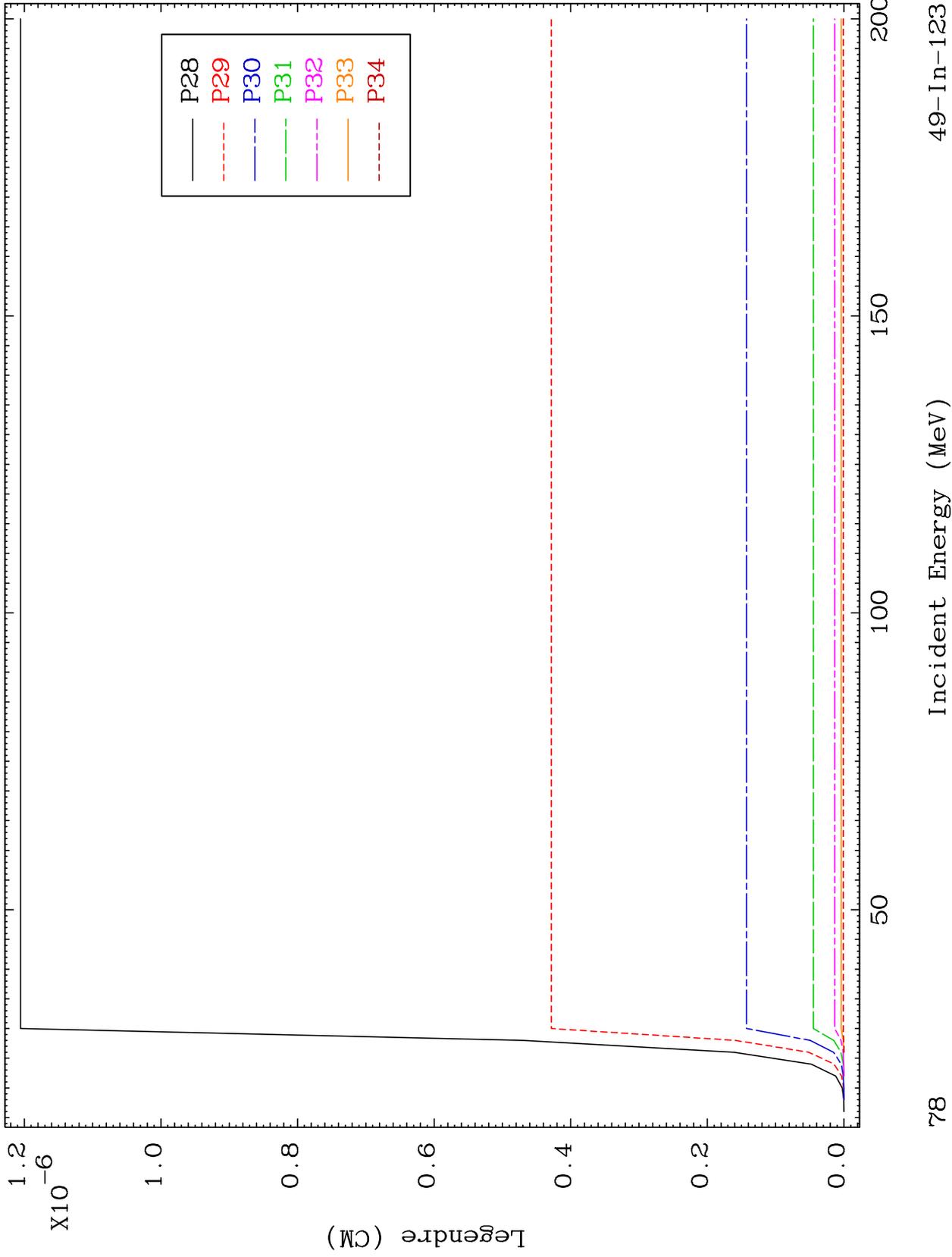
49-In-123



MAT 4955

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

49-In-123



78

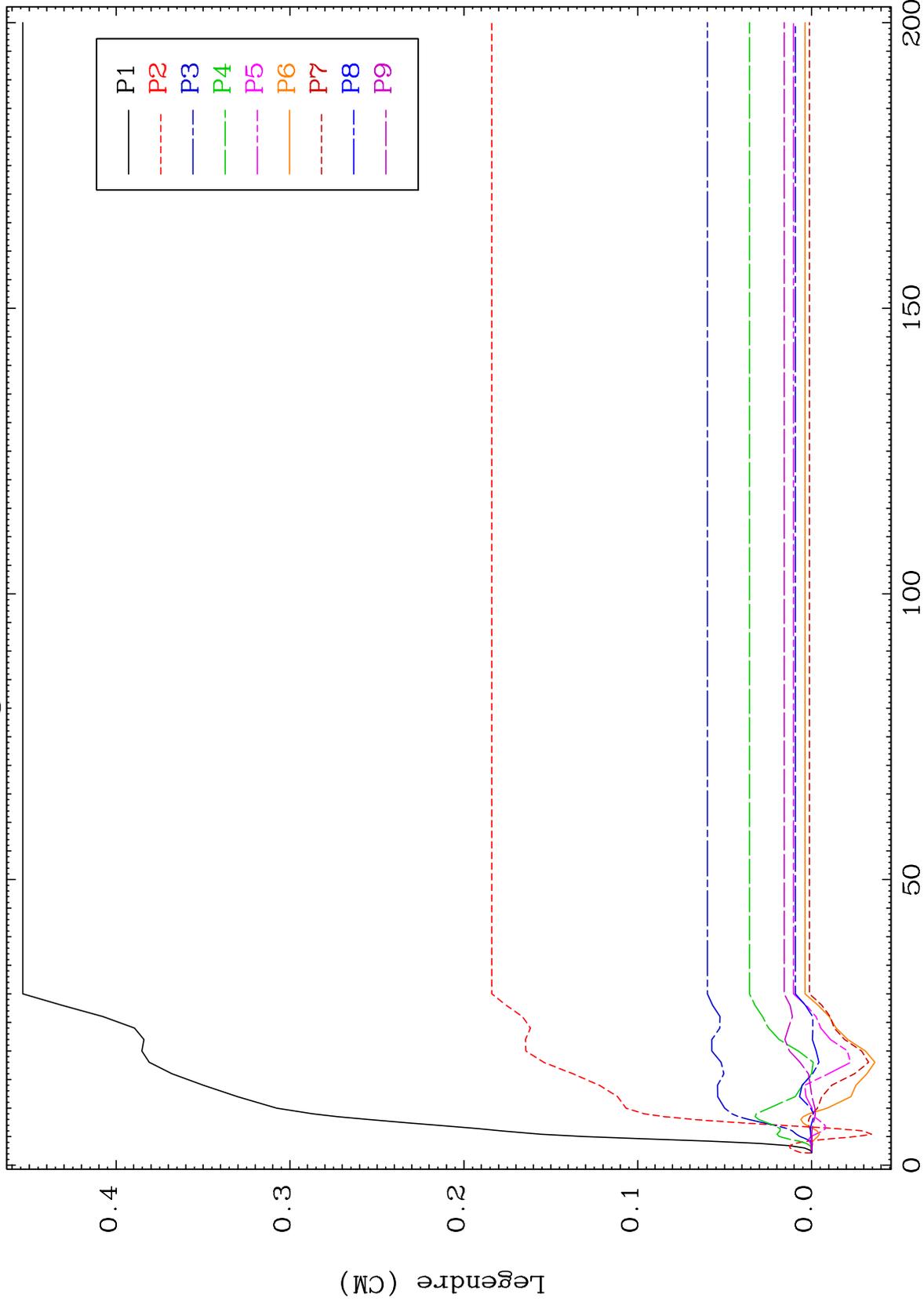
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



79

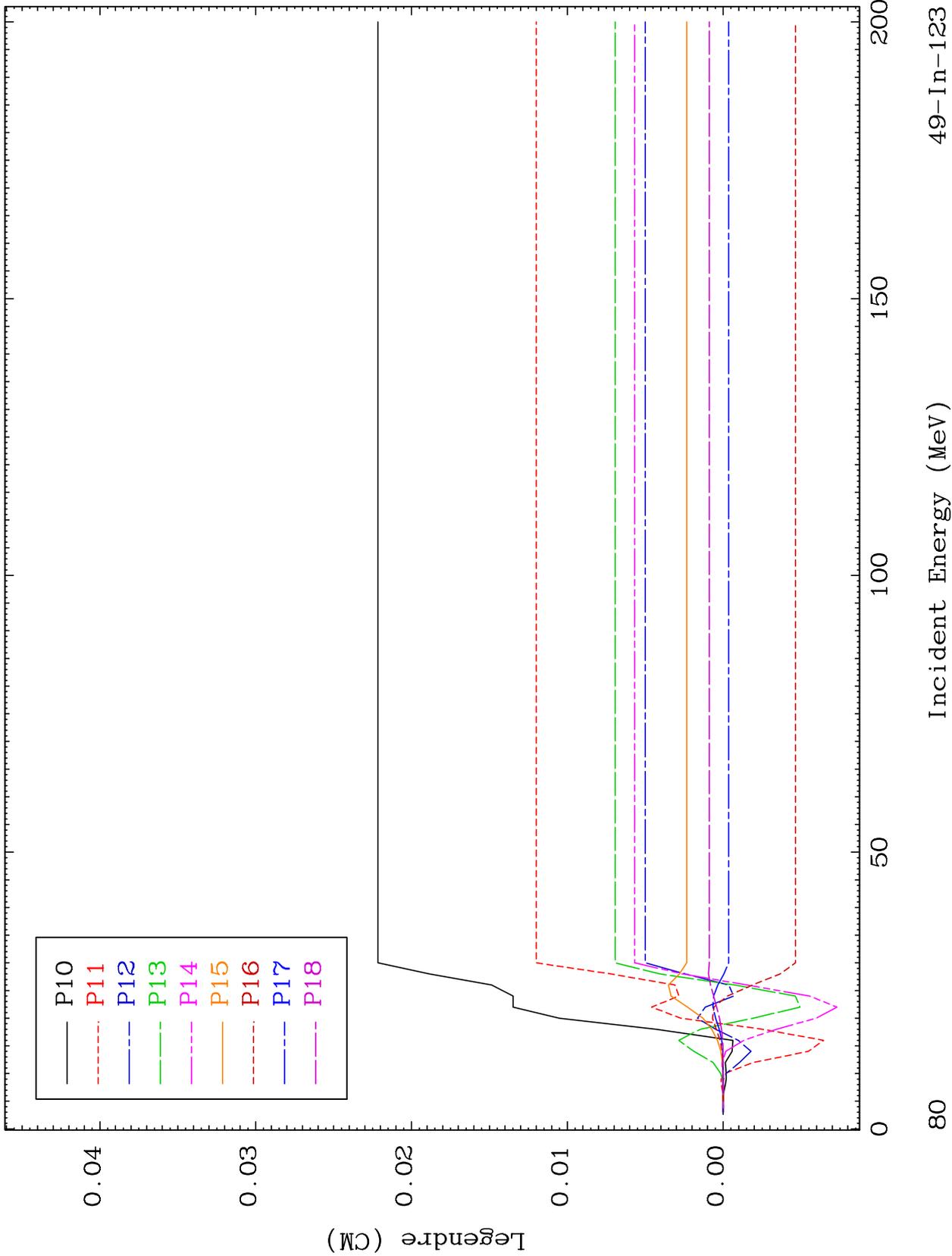
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



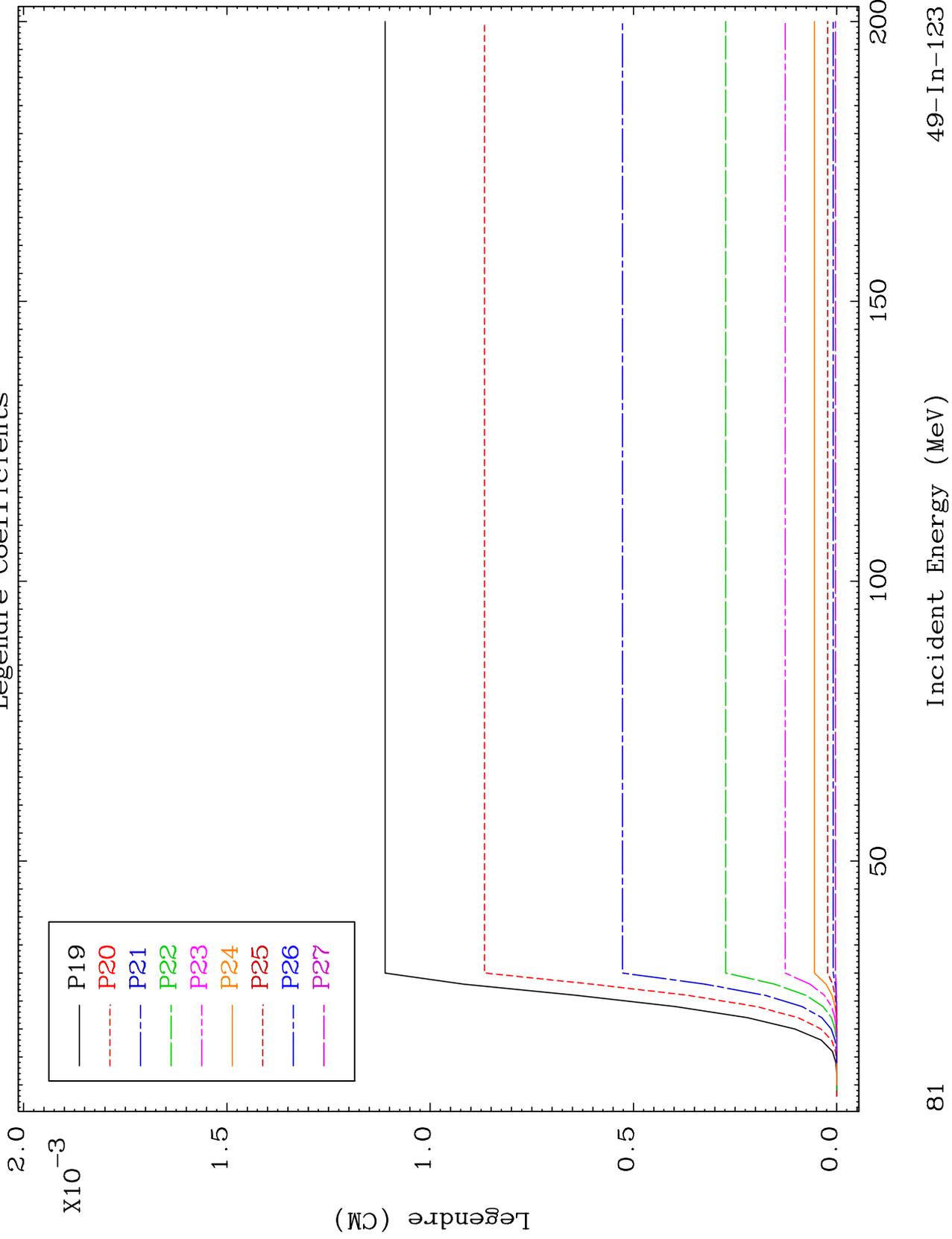
49-In-123

Incident Energy (MeV)

MAT 4955

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

49-In-123



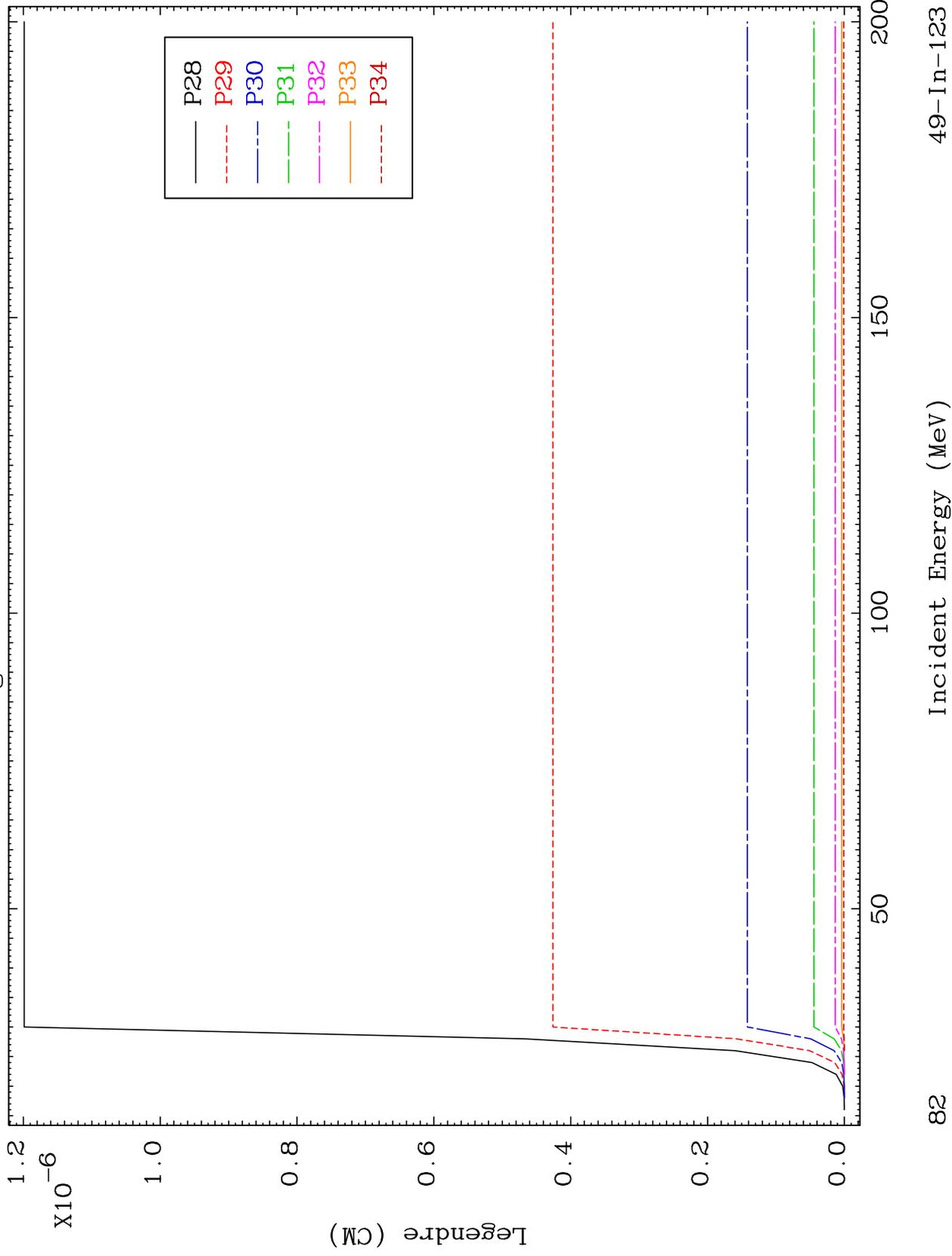
81

49-In-123

MAT 4955

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

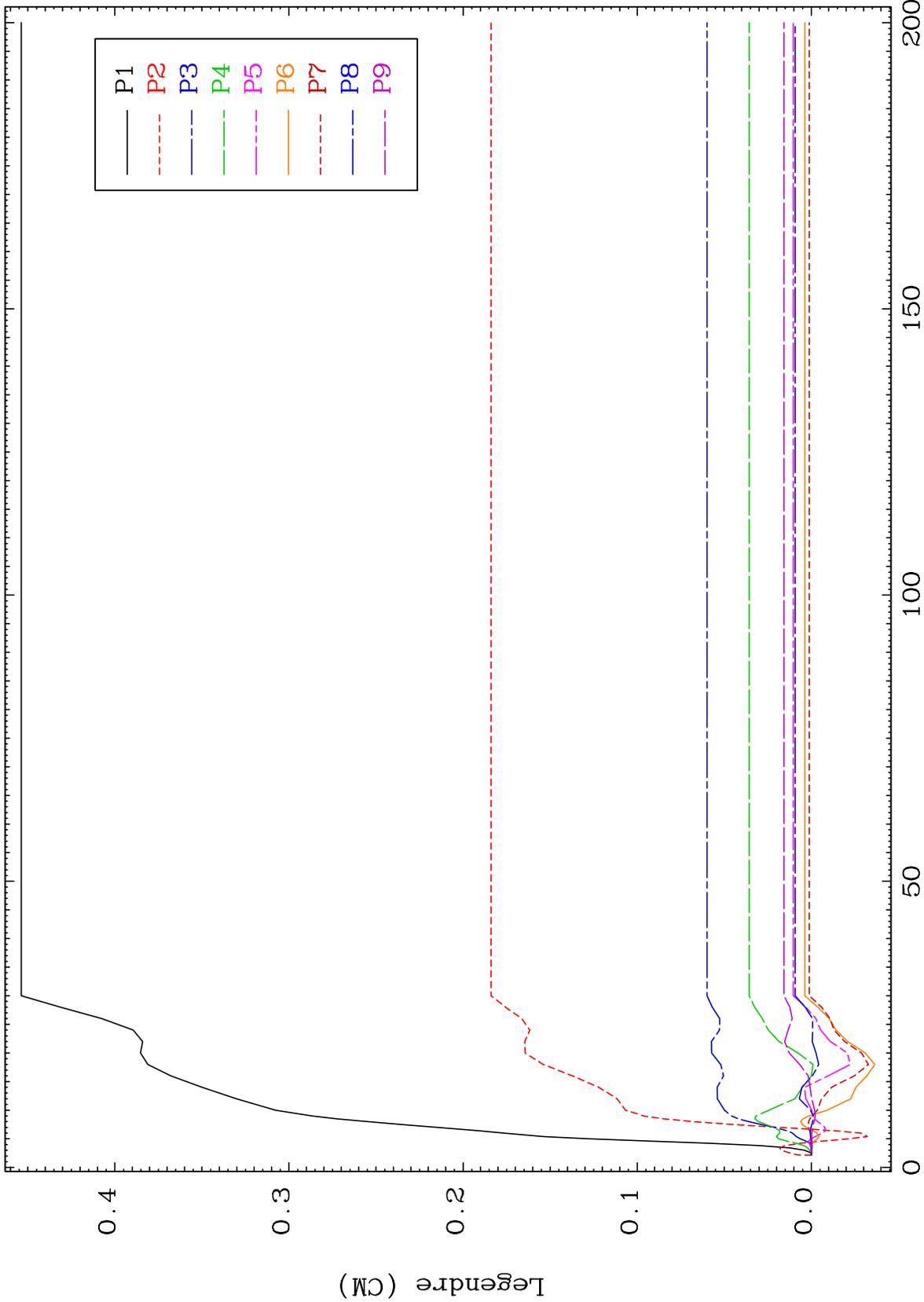
49-In-123

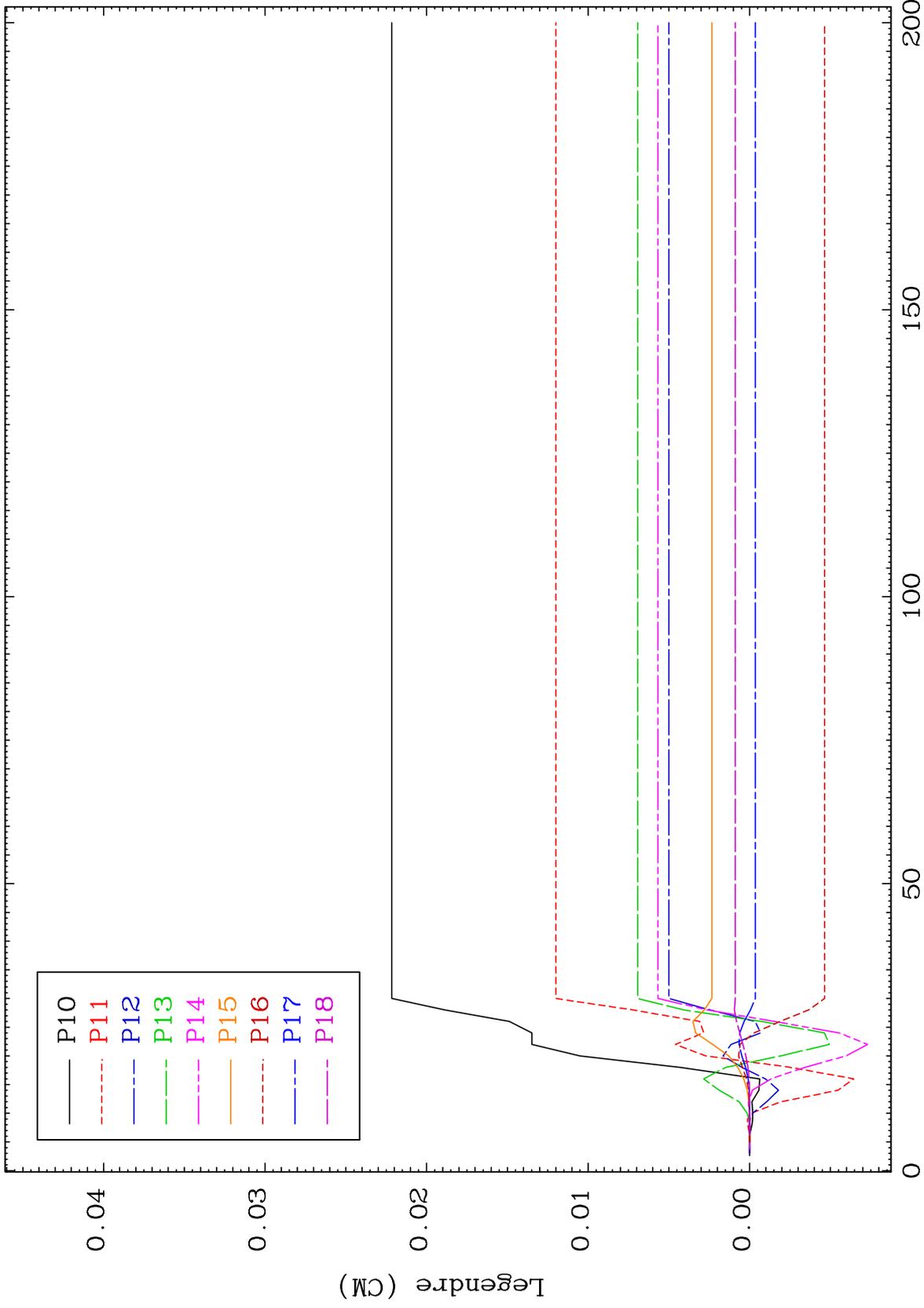


82

Incident Energy (MeV)

49-In-123

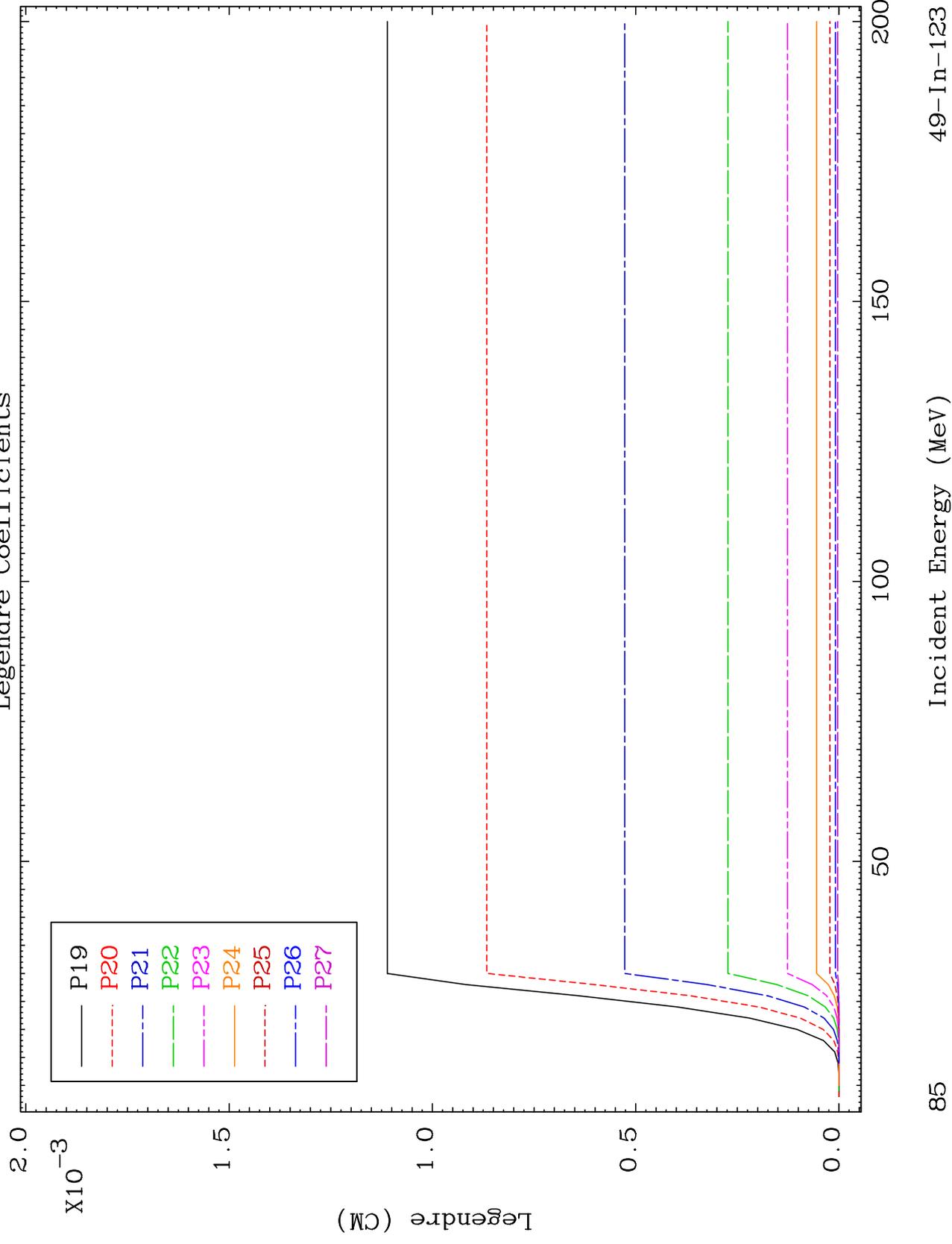


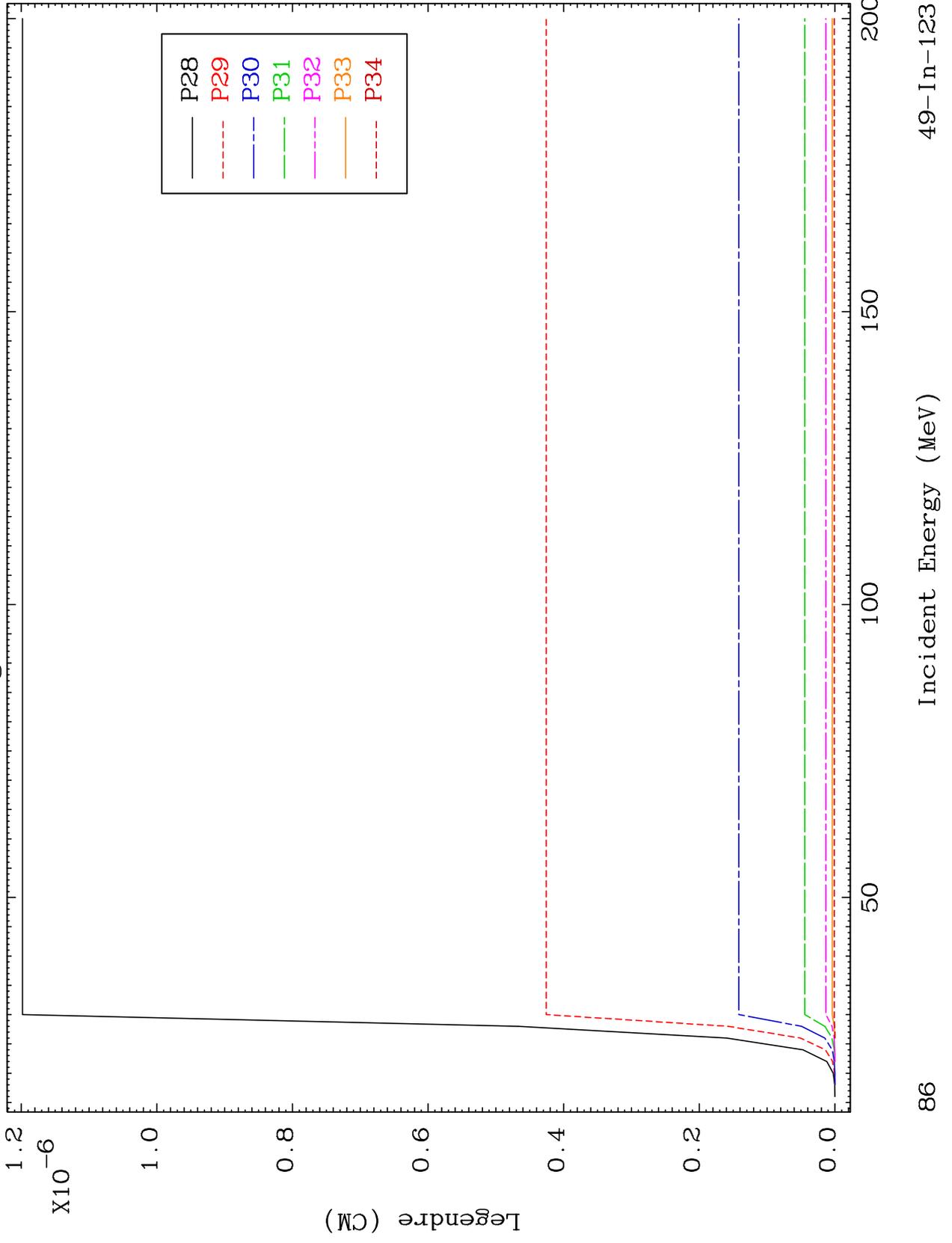


MAT 4955

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

49-In-123



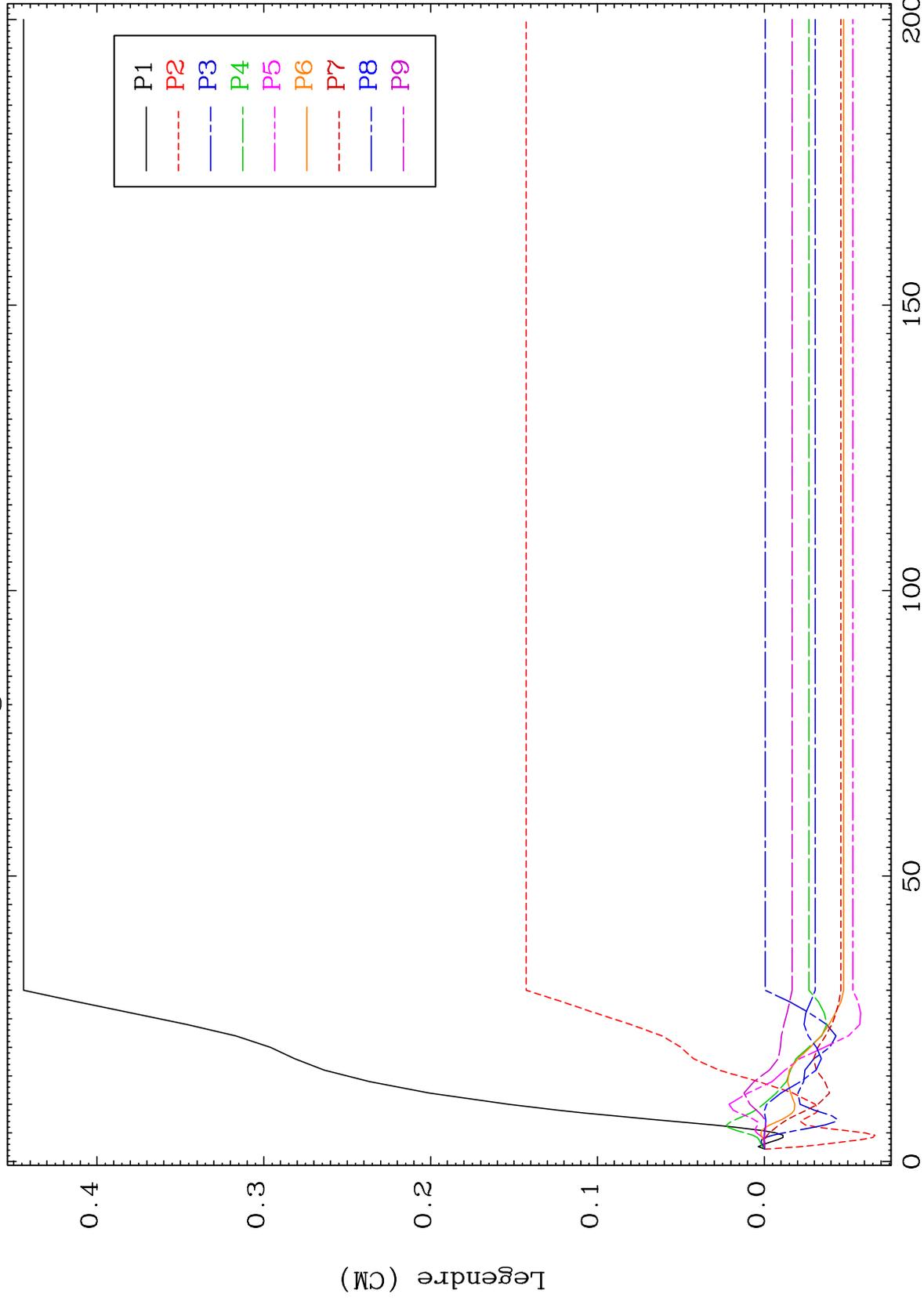


MAT 4955

MT= 68 (n,n') Level

49-In-123

Legendre Coefficients



87

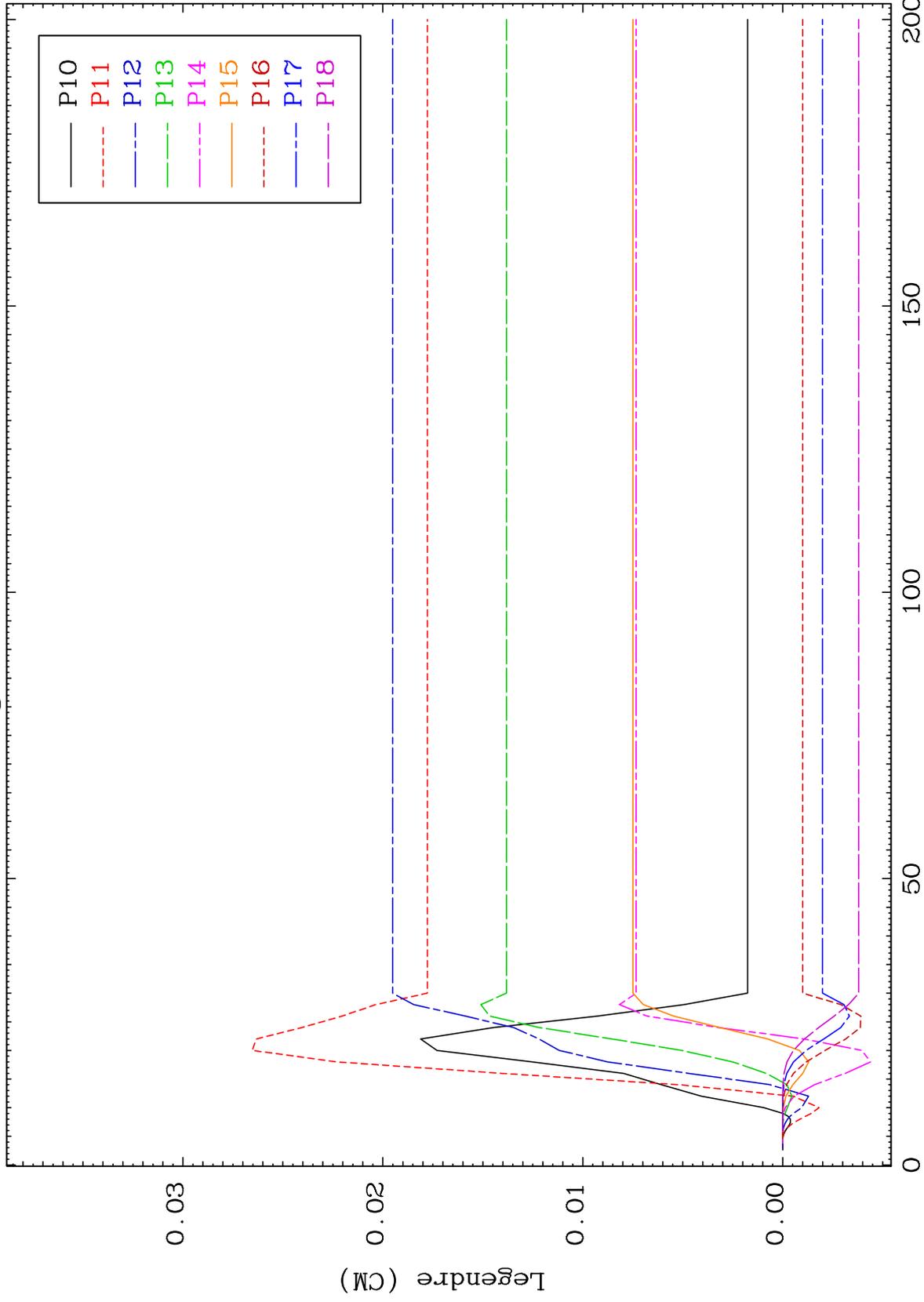
Incident Energy (MeV)

49-In-123

MAT 4955

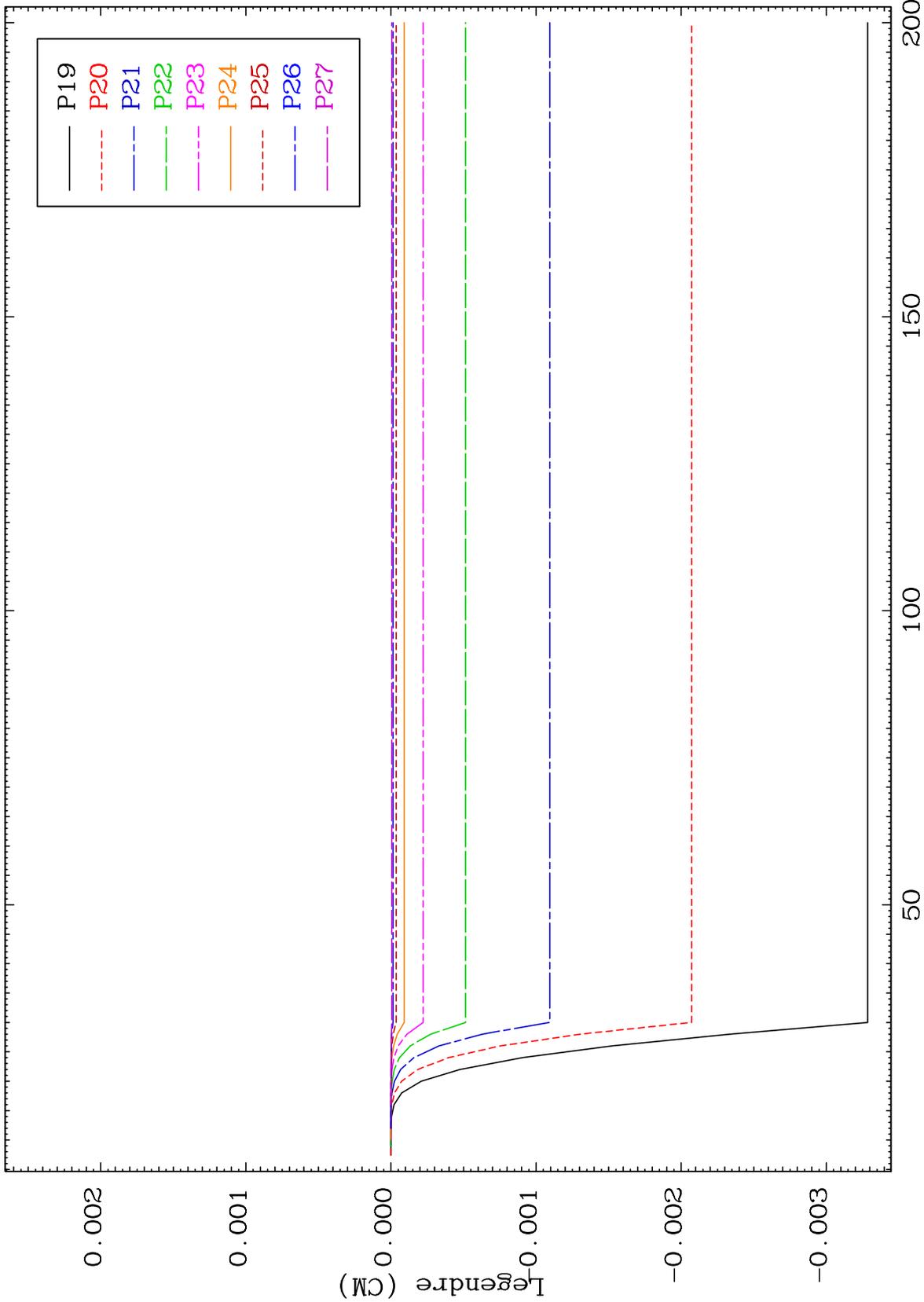
MT= 68 (n,n') Level
Legendre Coefficients

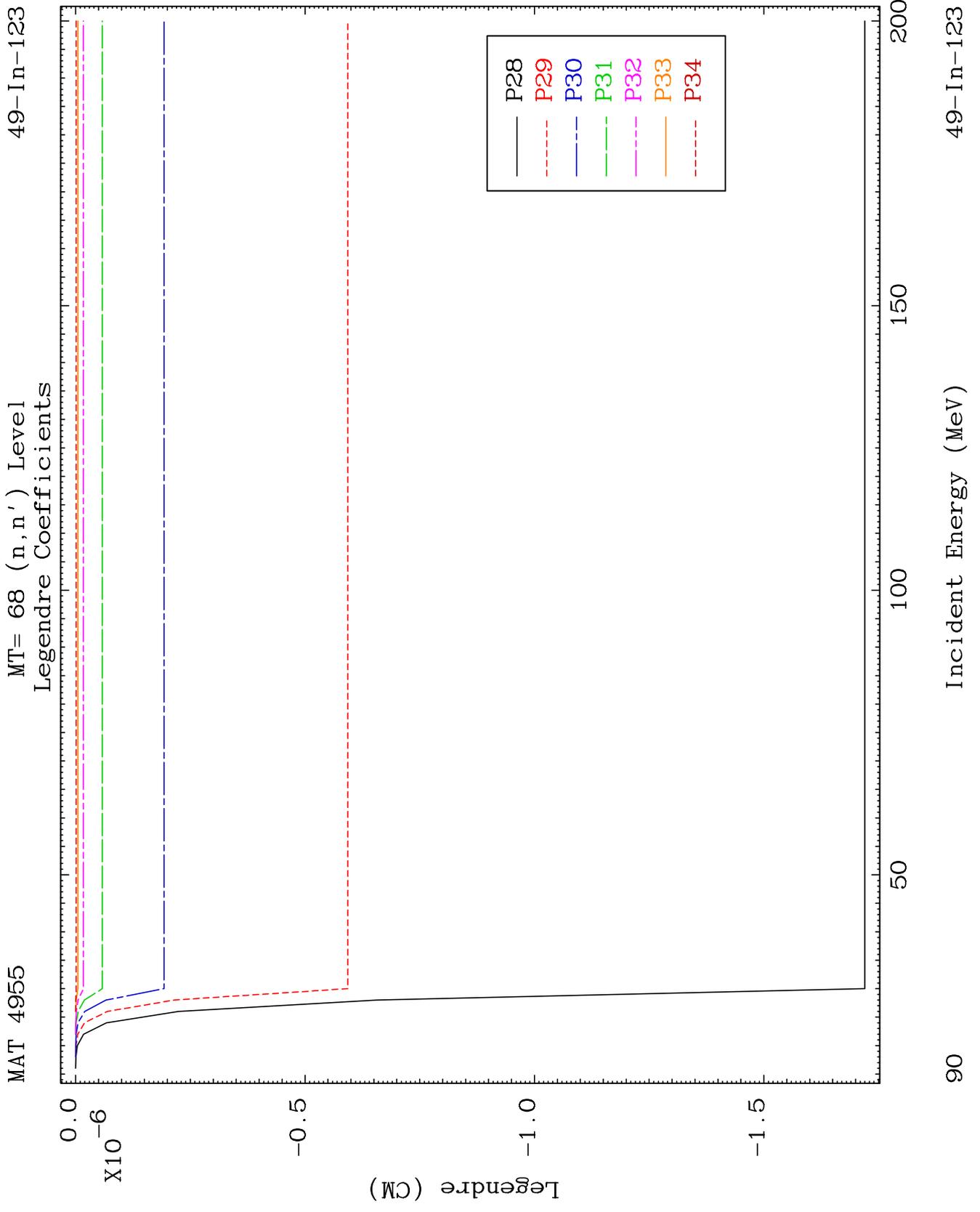
49-In-123



88

49-In-123

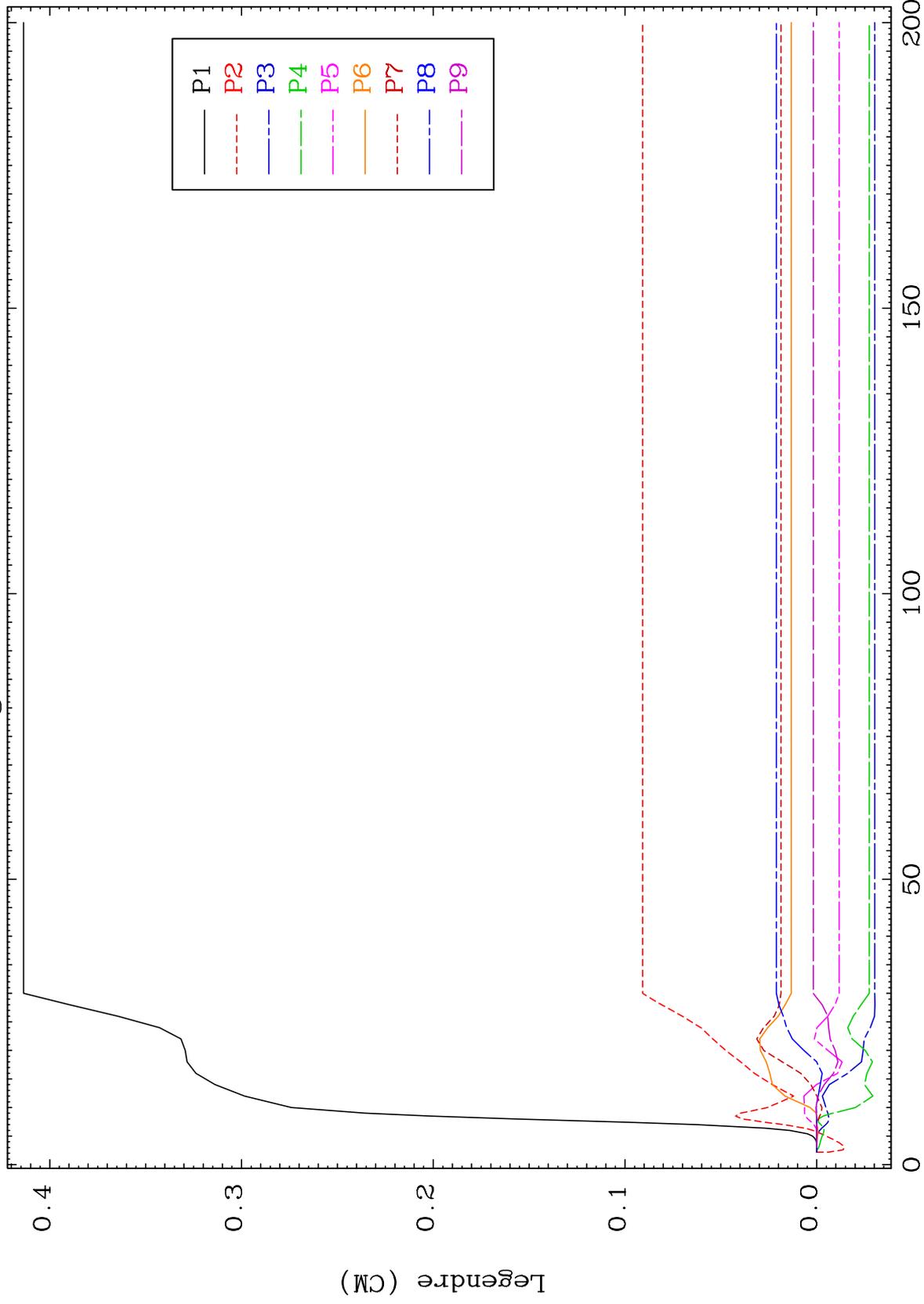




MAT 4955

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

49-In-123



91

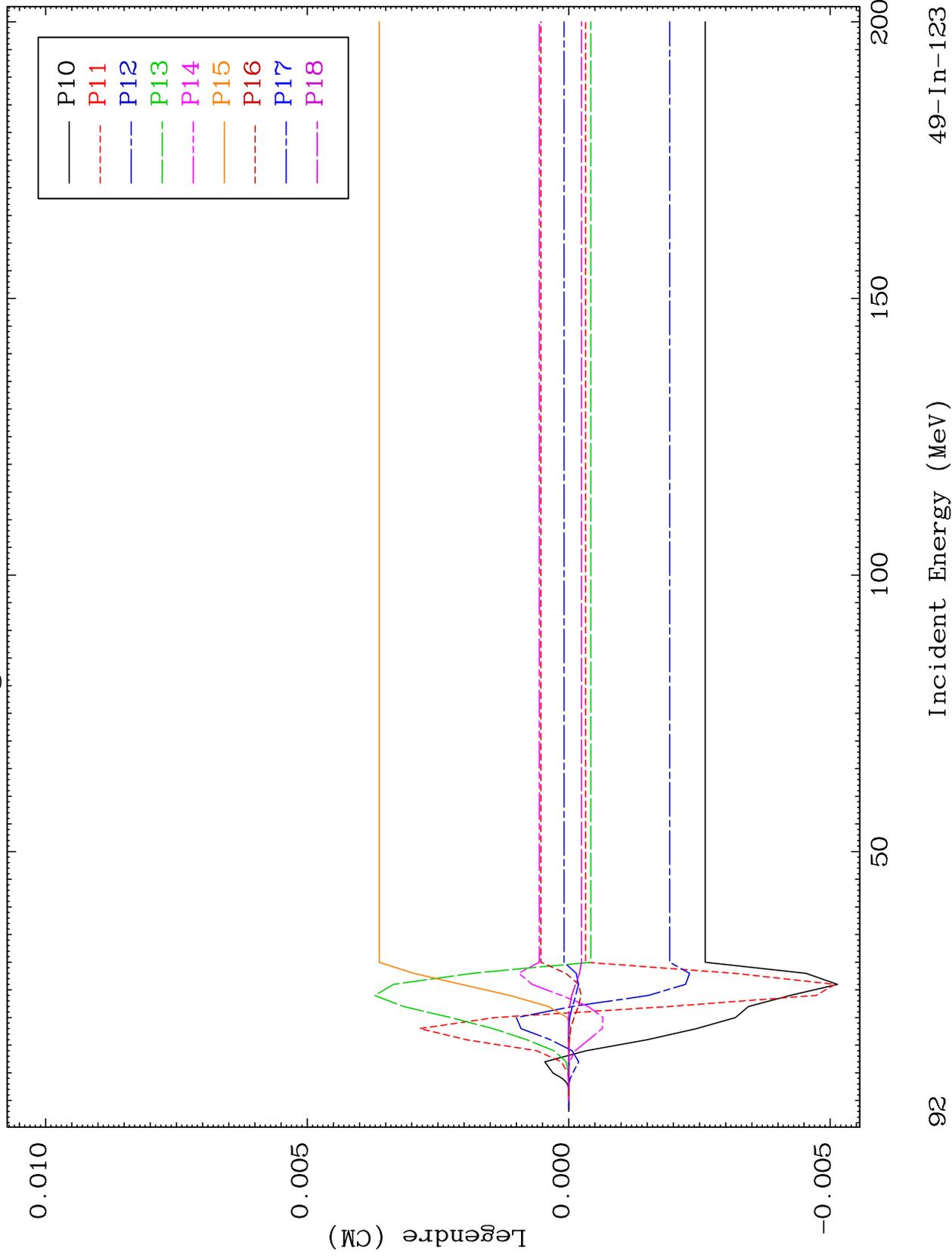
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



92

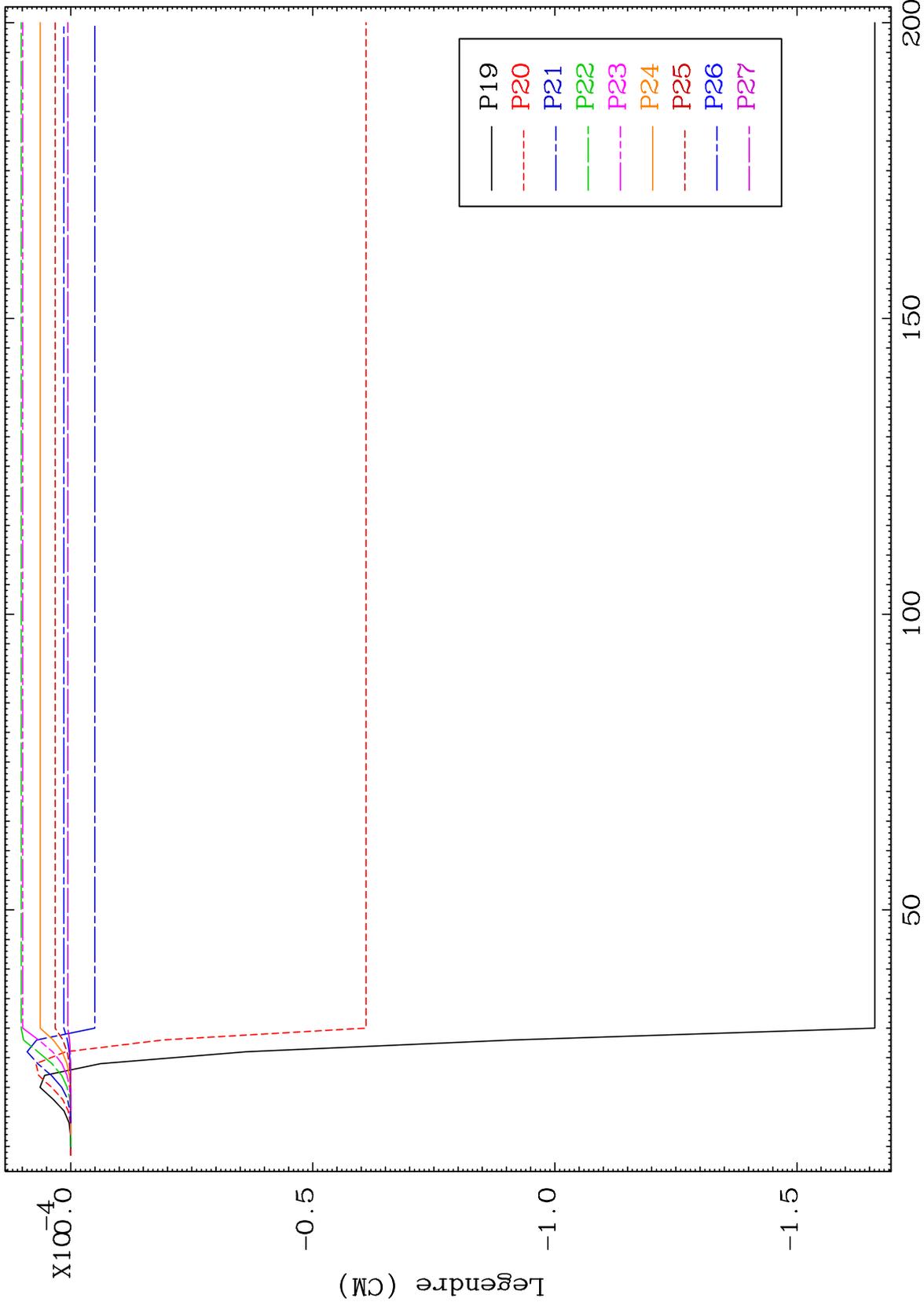
Incident Energy (MeV)

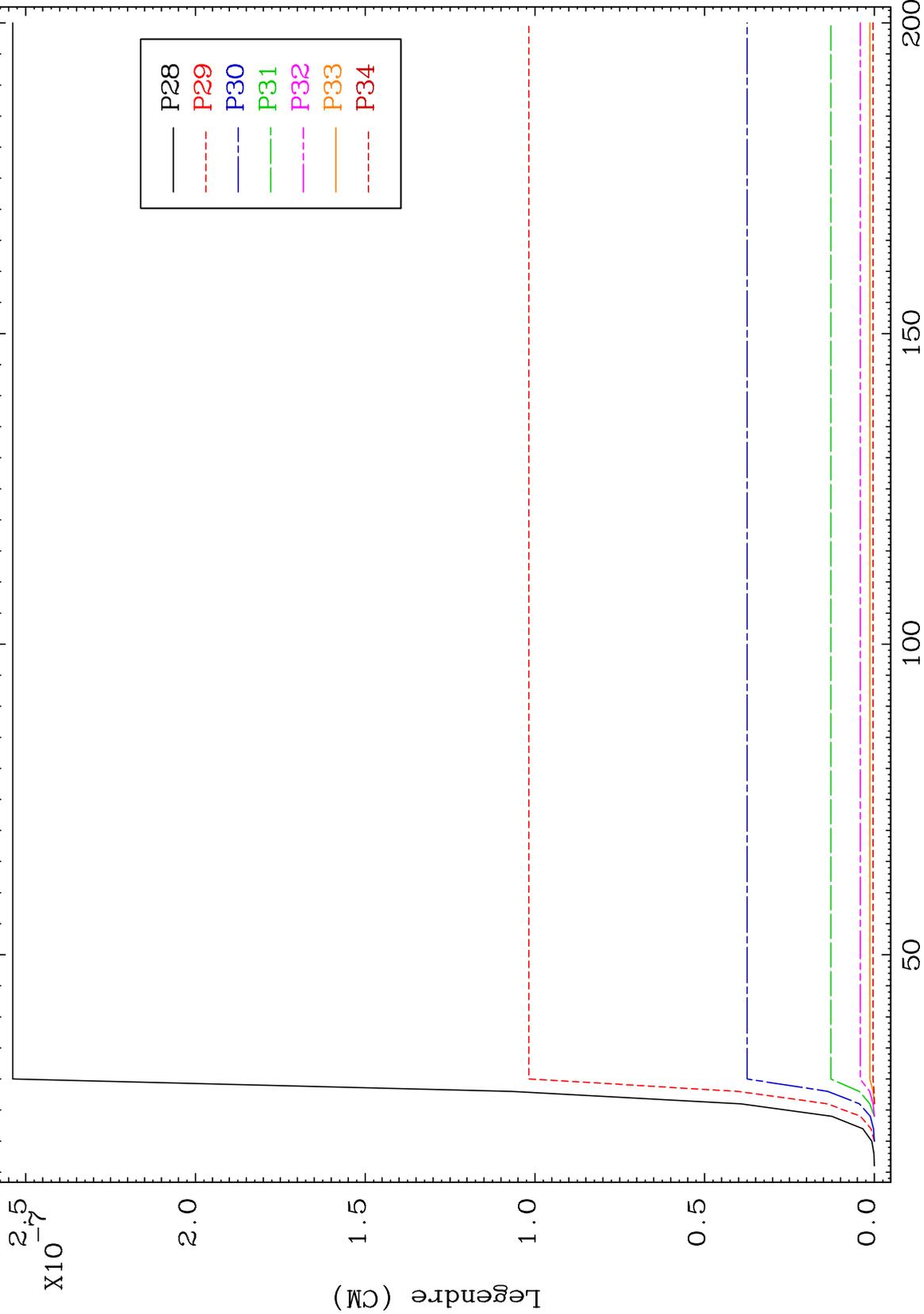
49-In-123

MAT 4955

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

49-In-123



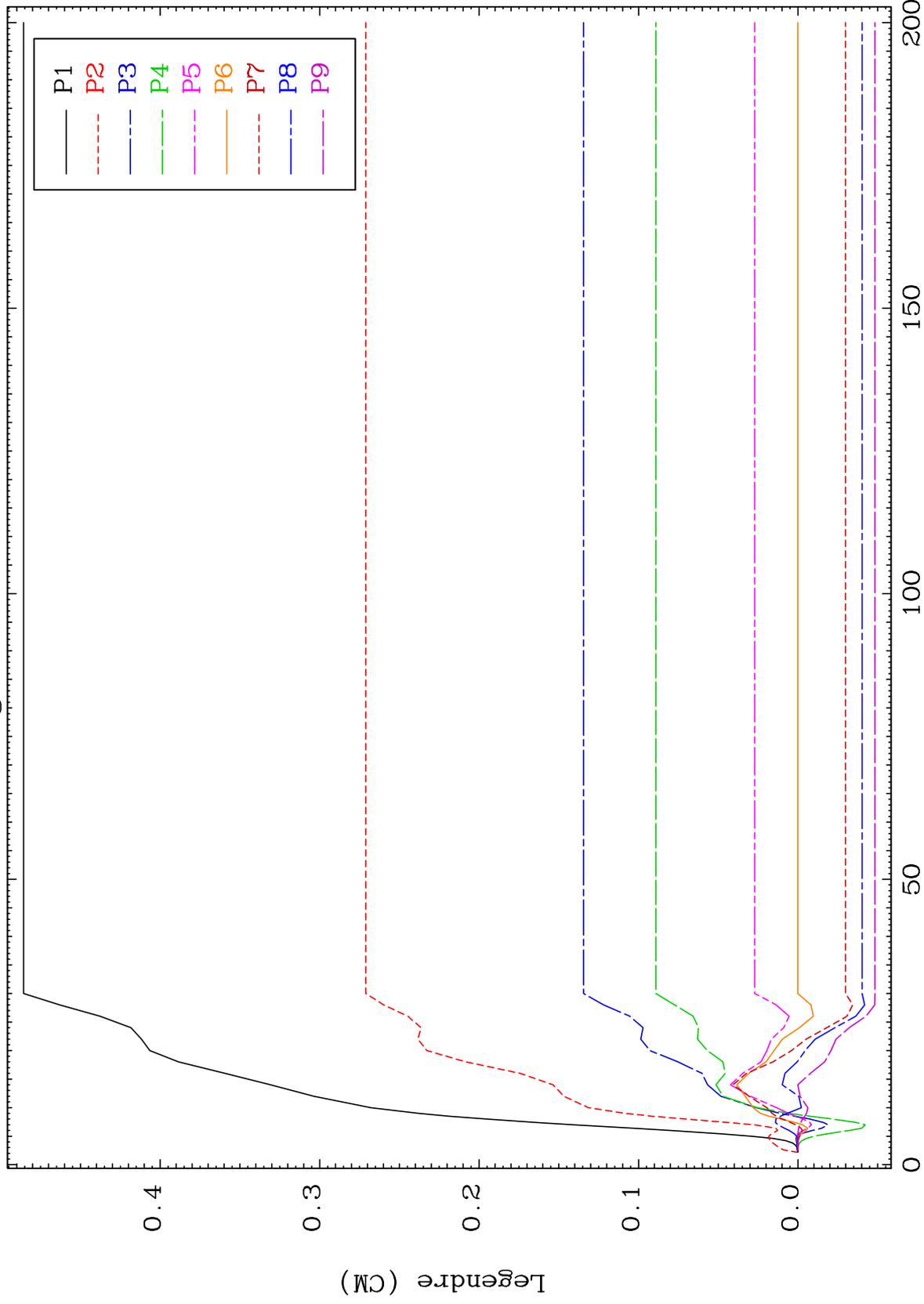


MAT 4955

MT= 70 (n,n') Level

49-In-123

Legendre Coefficients



95

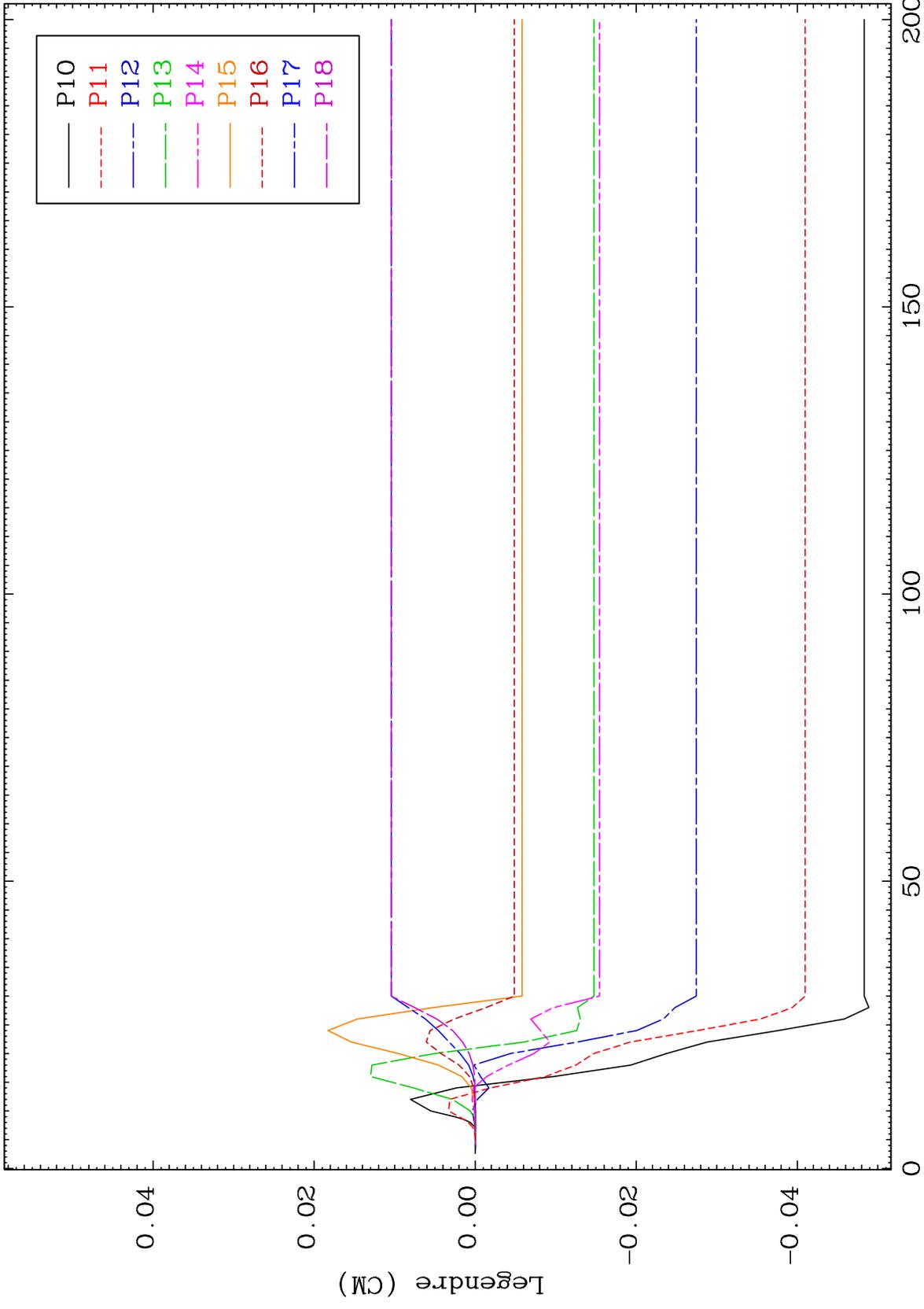
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



96

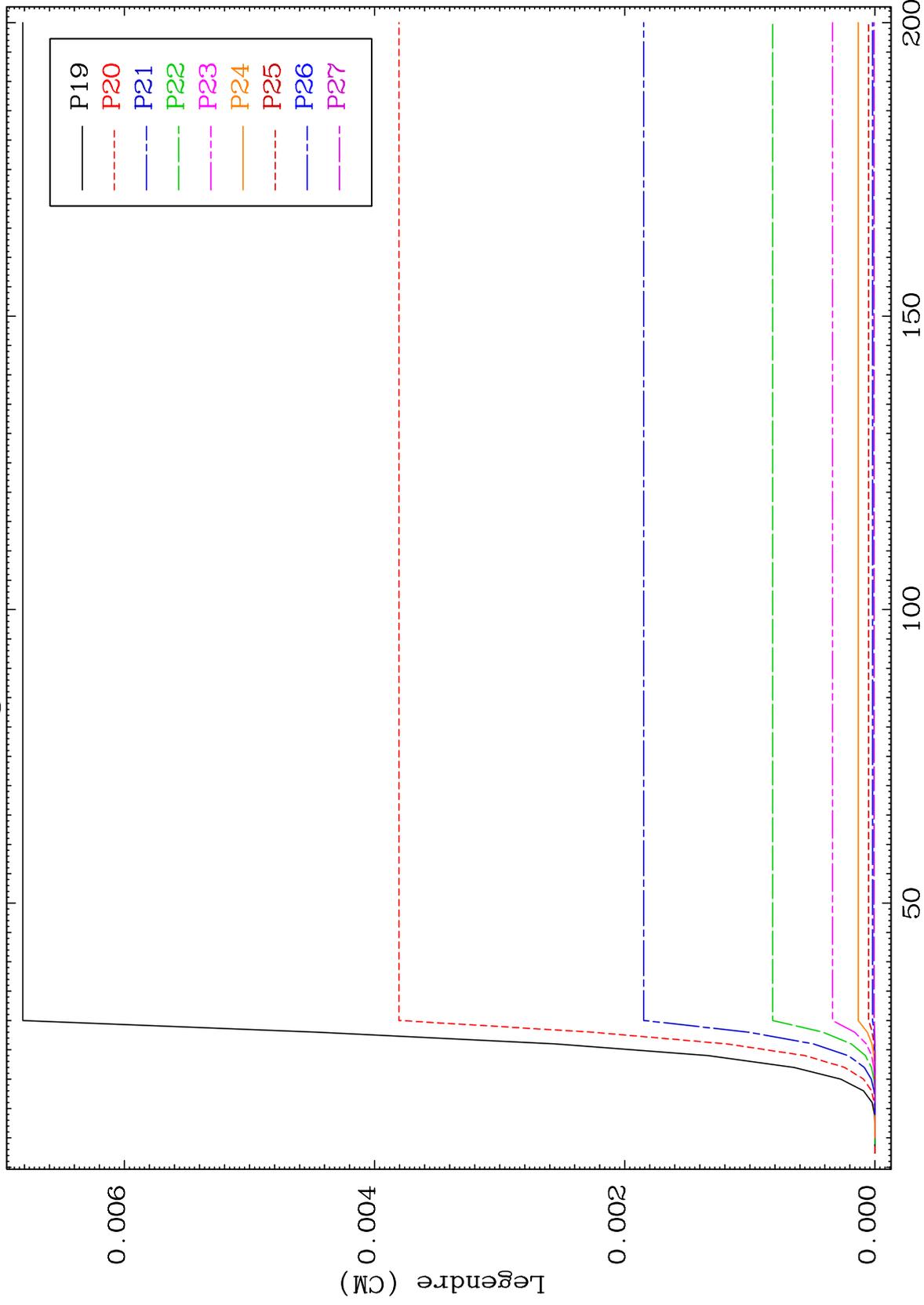
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



97

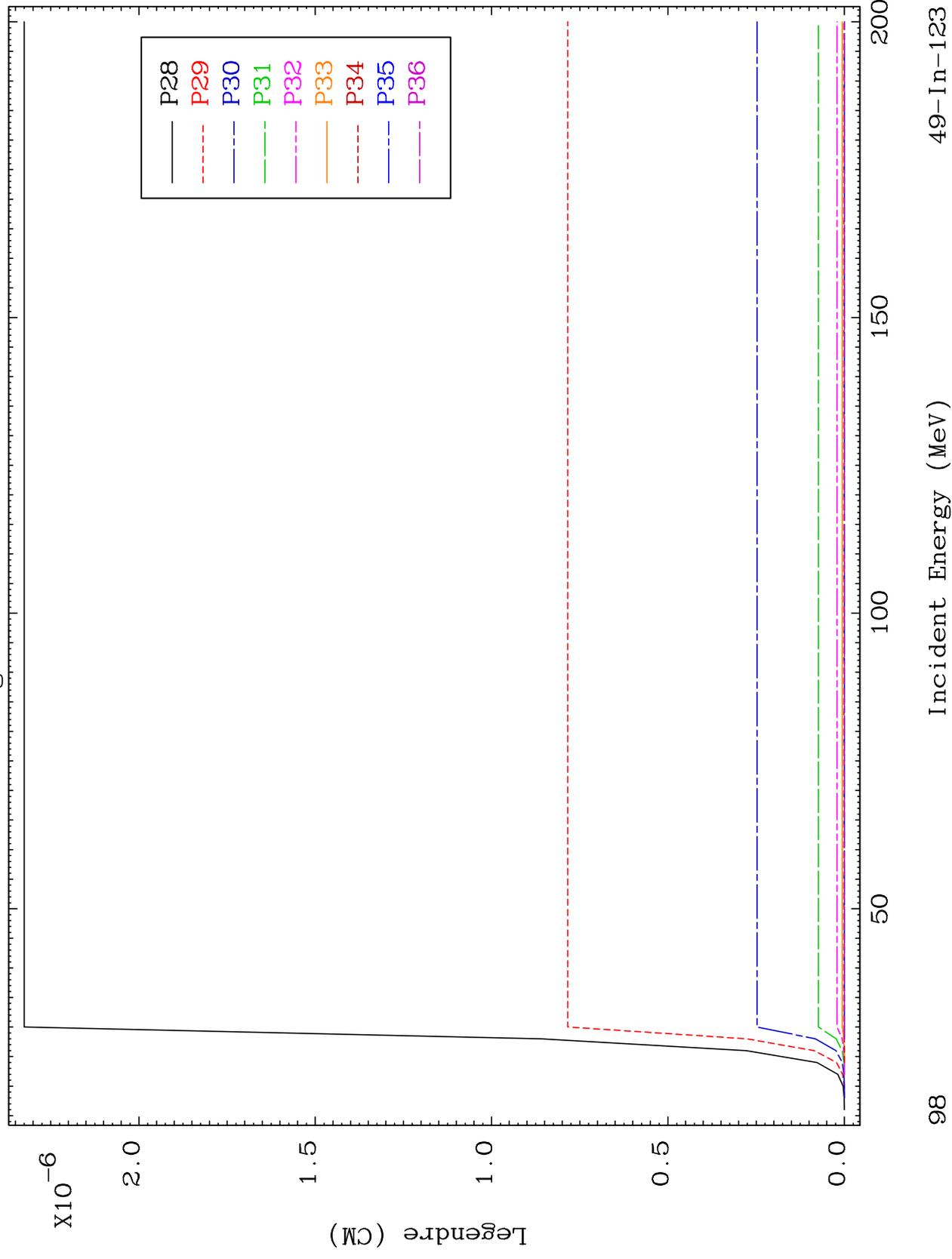
Incident Energy (MeV)

49-In-123

MAT 4955

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

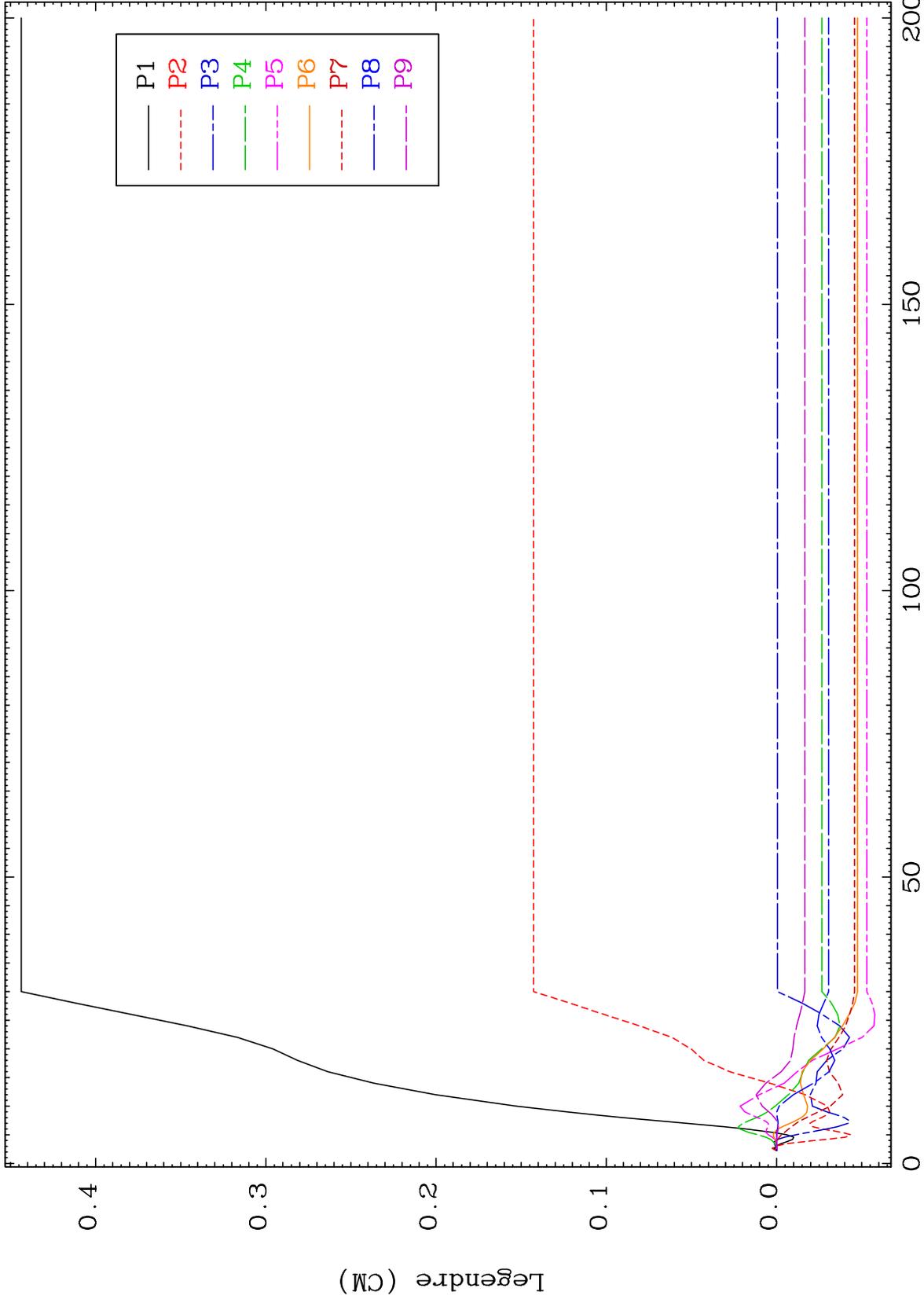
49-In-123



98

Incident Energy (MeV)

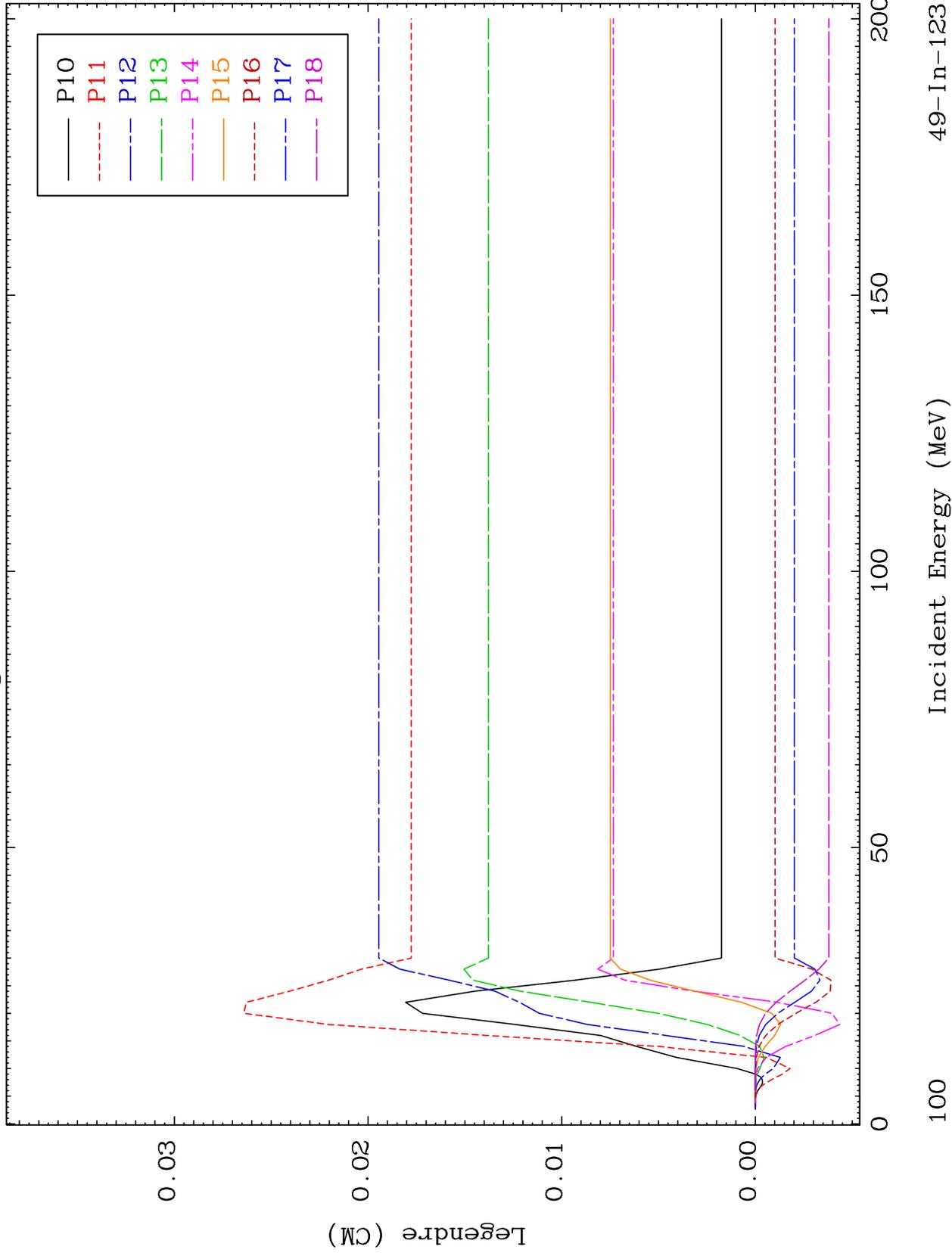
49-In-123



MAT 4955

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

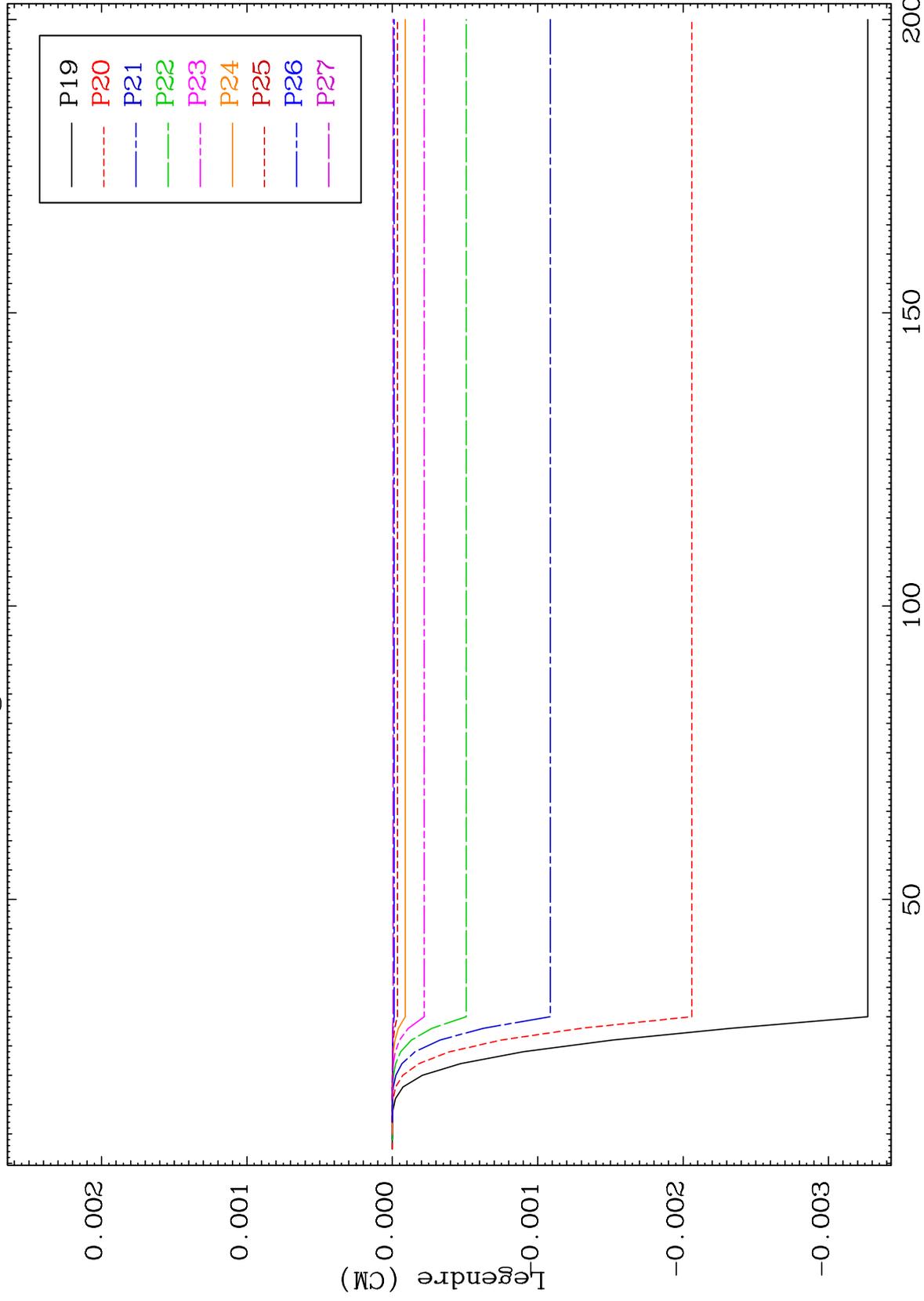
49-In-123



MAT 4955

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

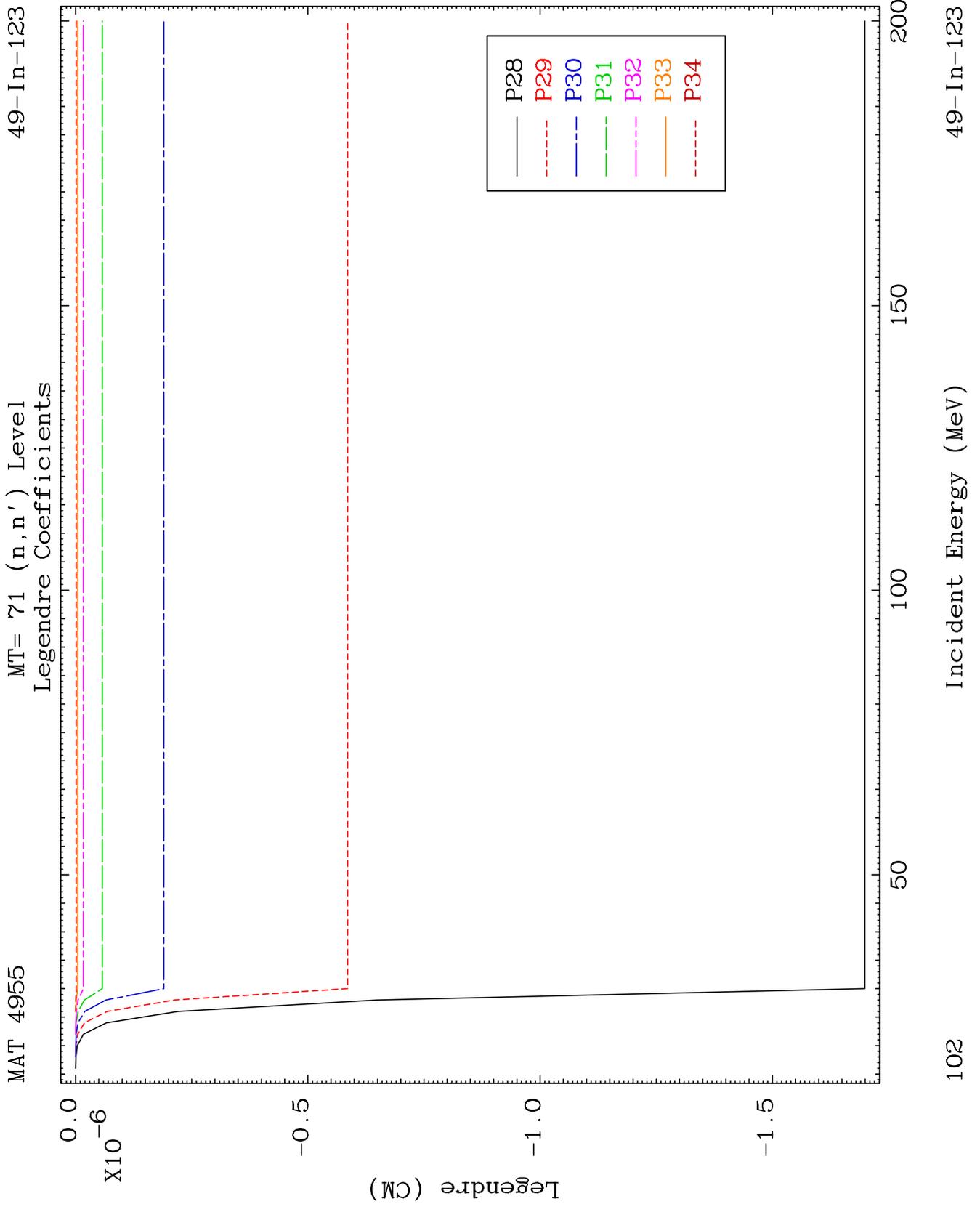
49-In-123



101

Incident Energy (MeV)

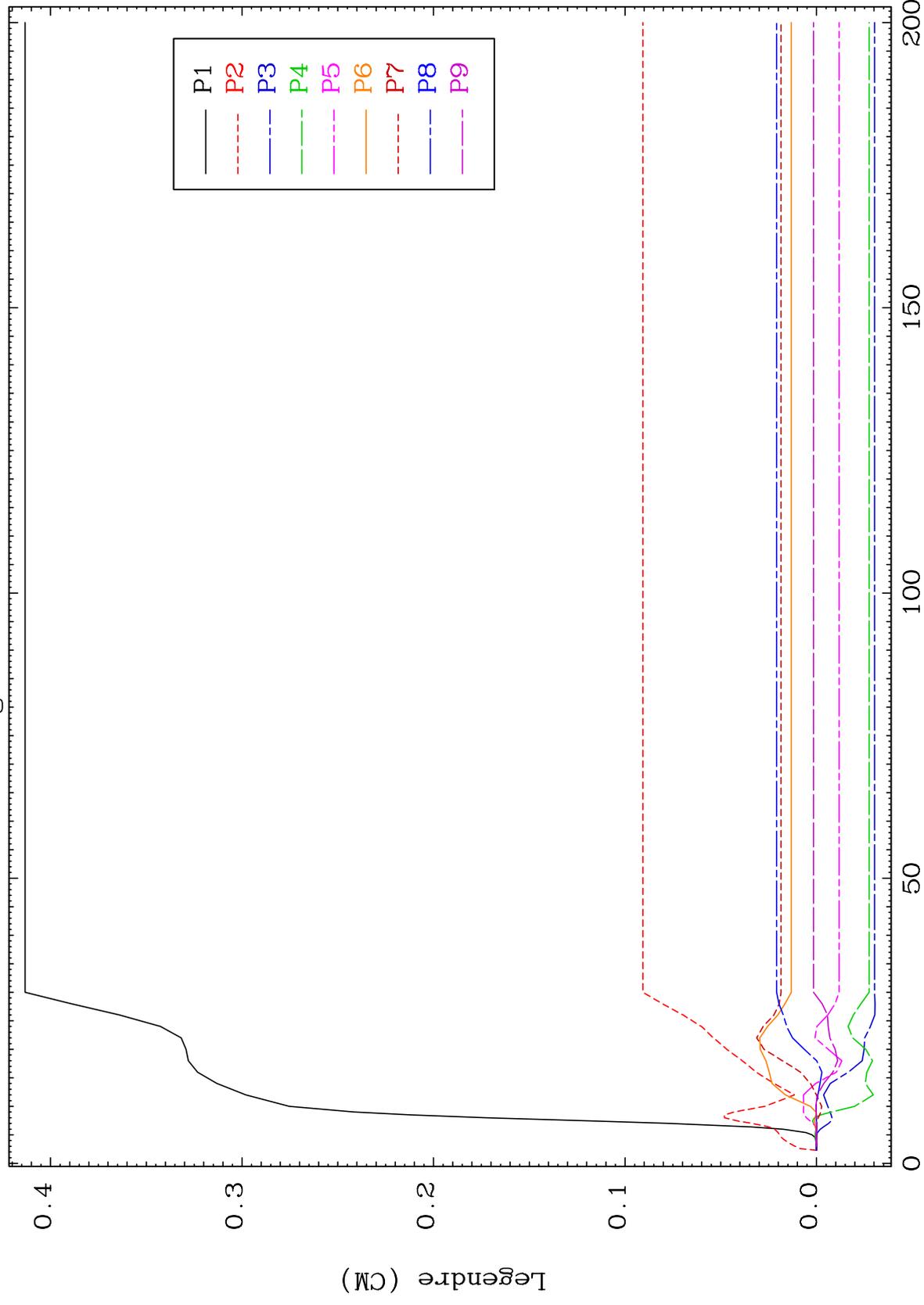
49-In-123



MAT 4955

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

49-In-123



103

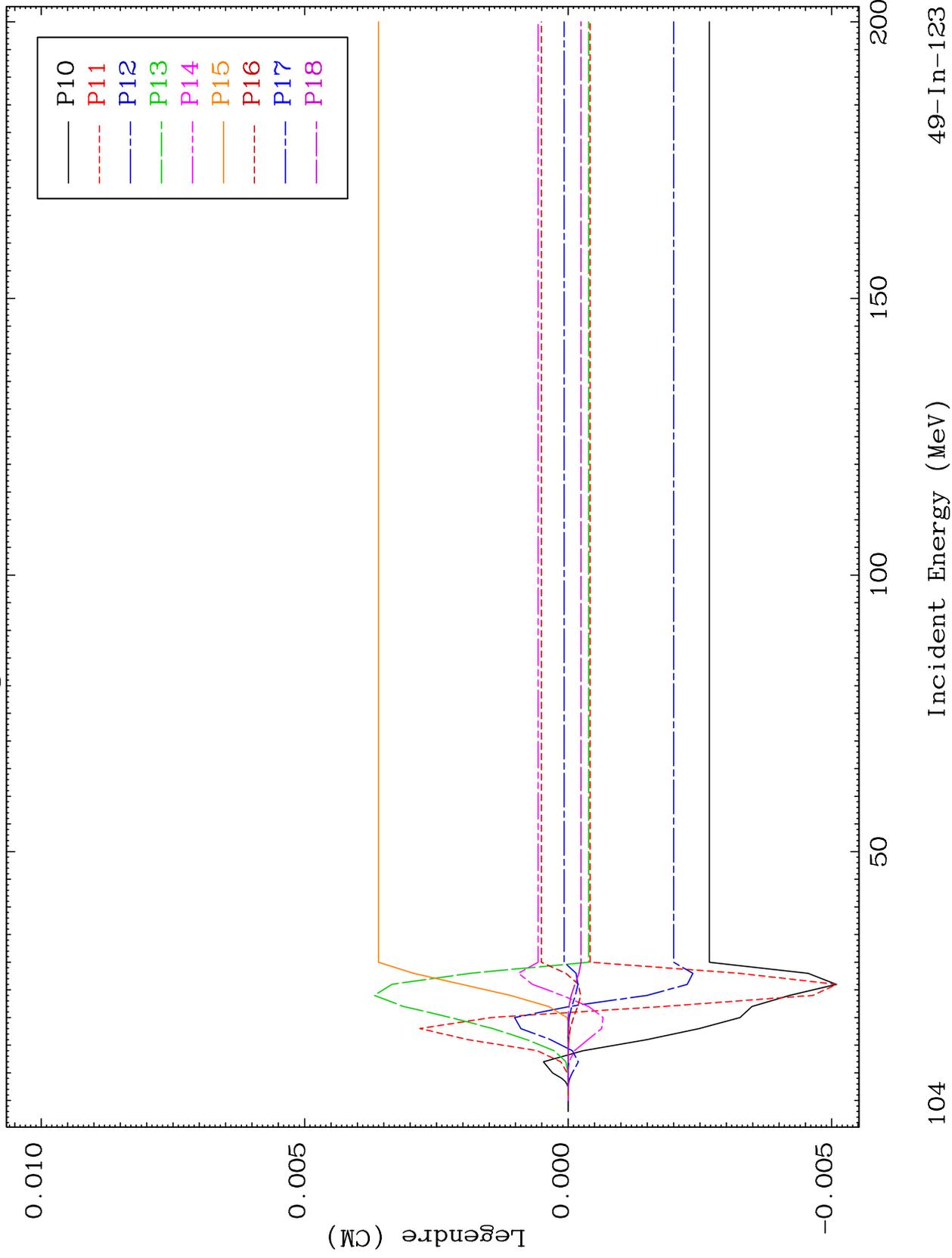
Incident Energy (MeV)

49-In-123

MAT 4955

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

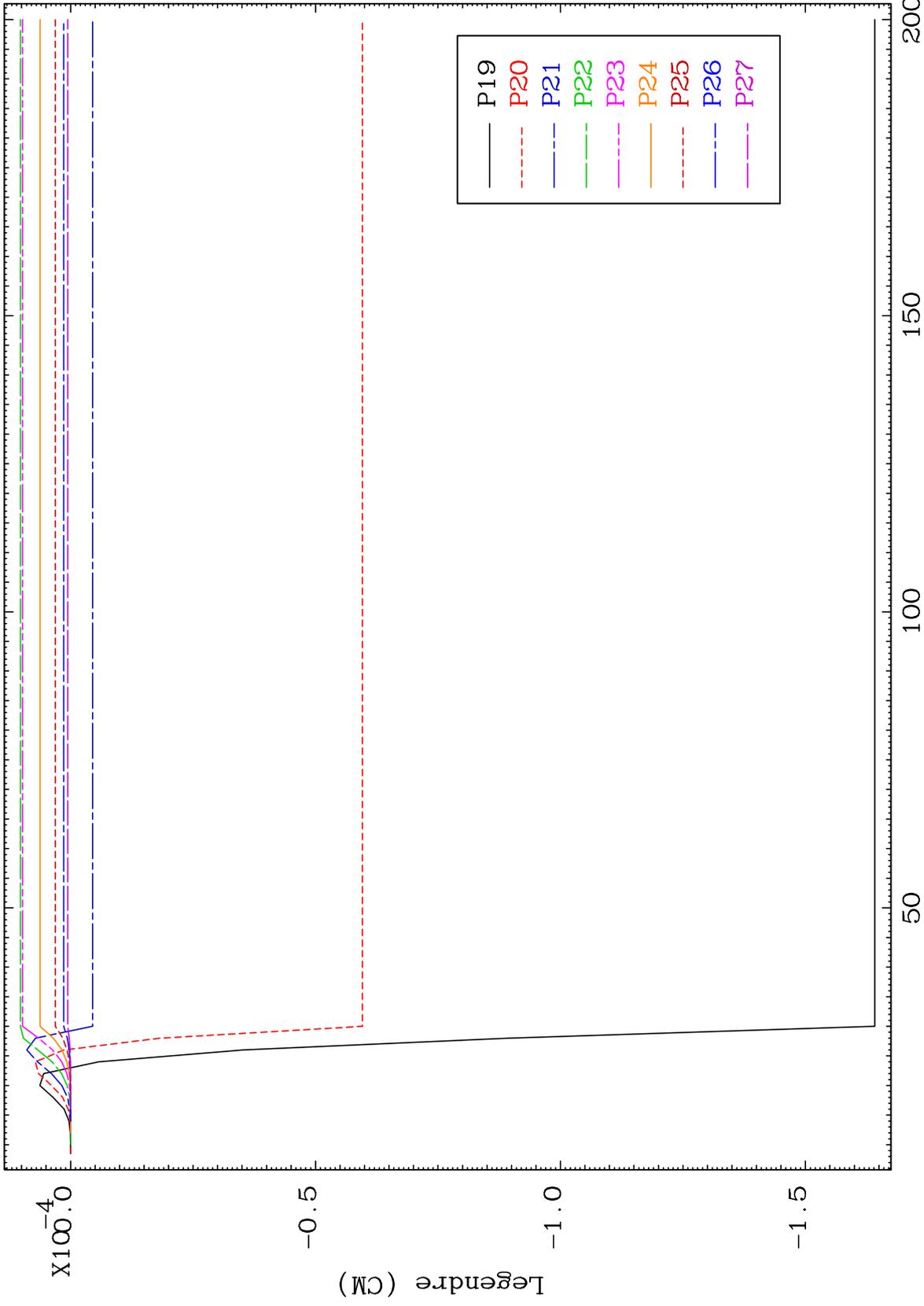
49-In-123



MAT 4955

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

49-In-123



105

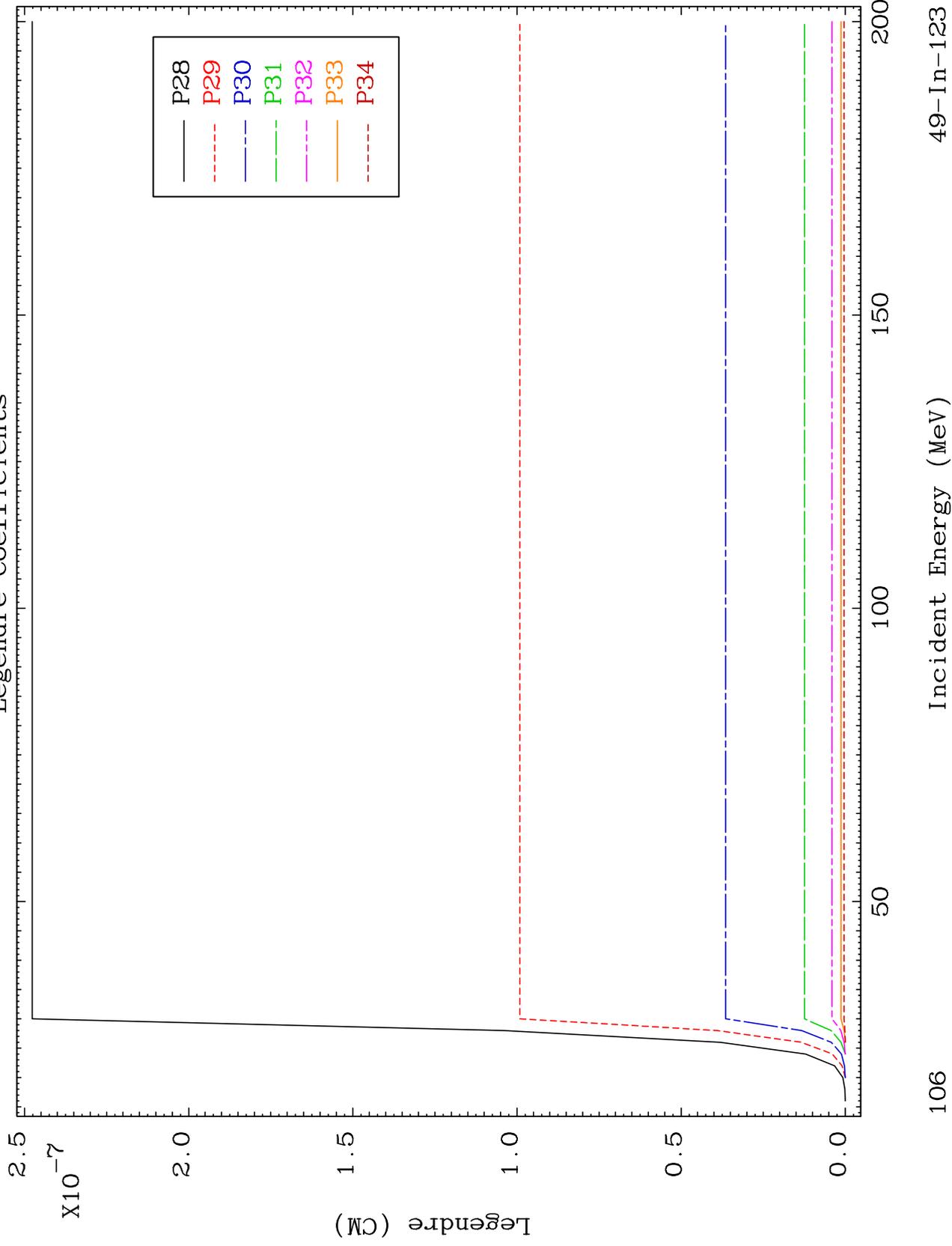
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123

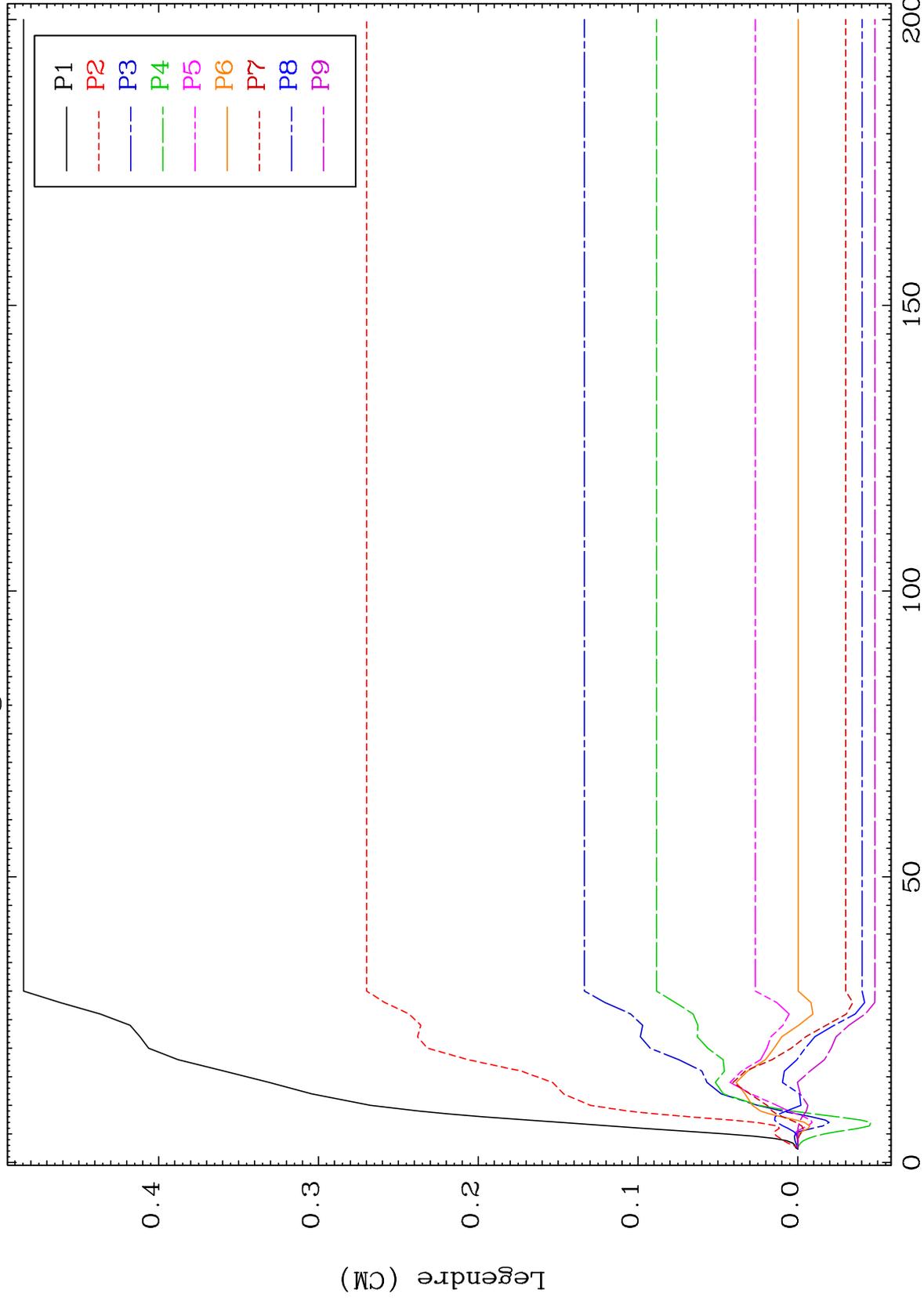


MAT 4955

MT= 73 (n,n') Level

49-In-123

Legendre Coefficients



0

0.1

0.2

0.3

0.4

50

100

150

200

49-In-123

Incident Energy (MeV)

0

0.1

0.2

0.3

0.4

50

100

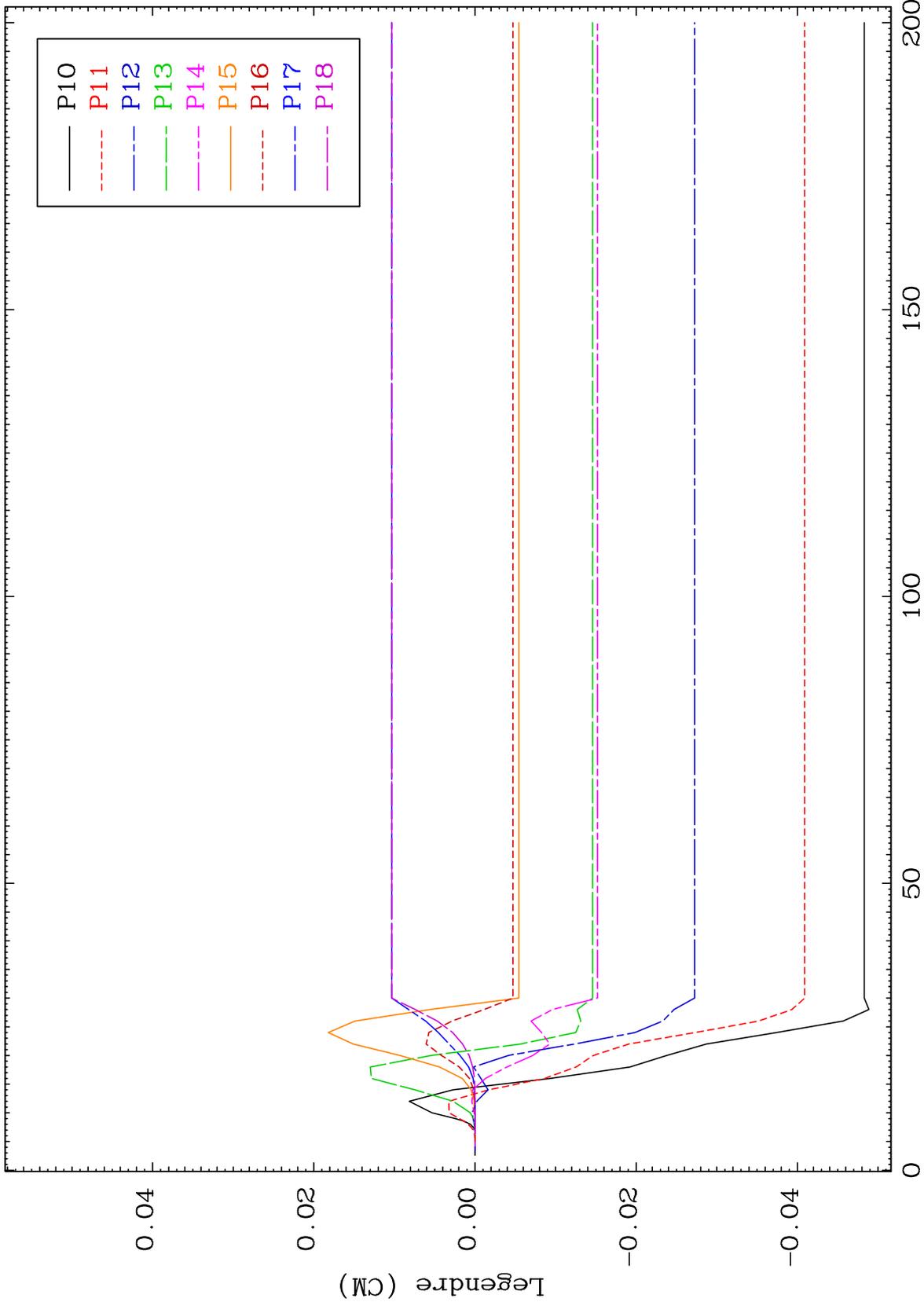
150

200

MAT 4955

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

49-In-123



108

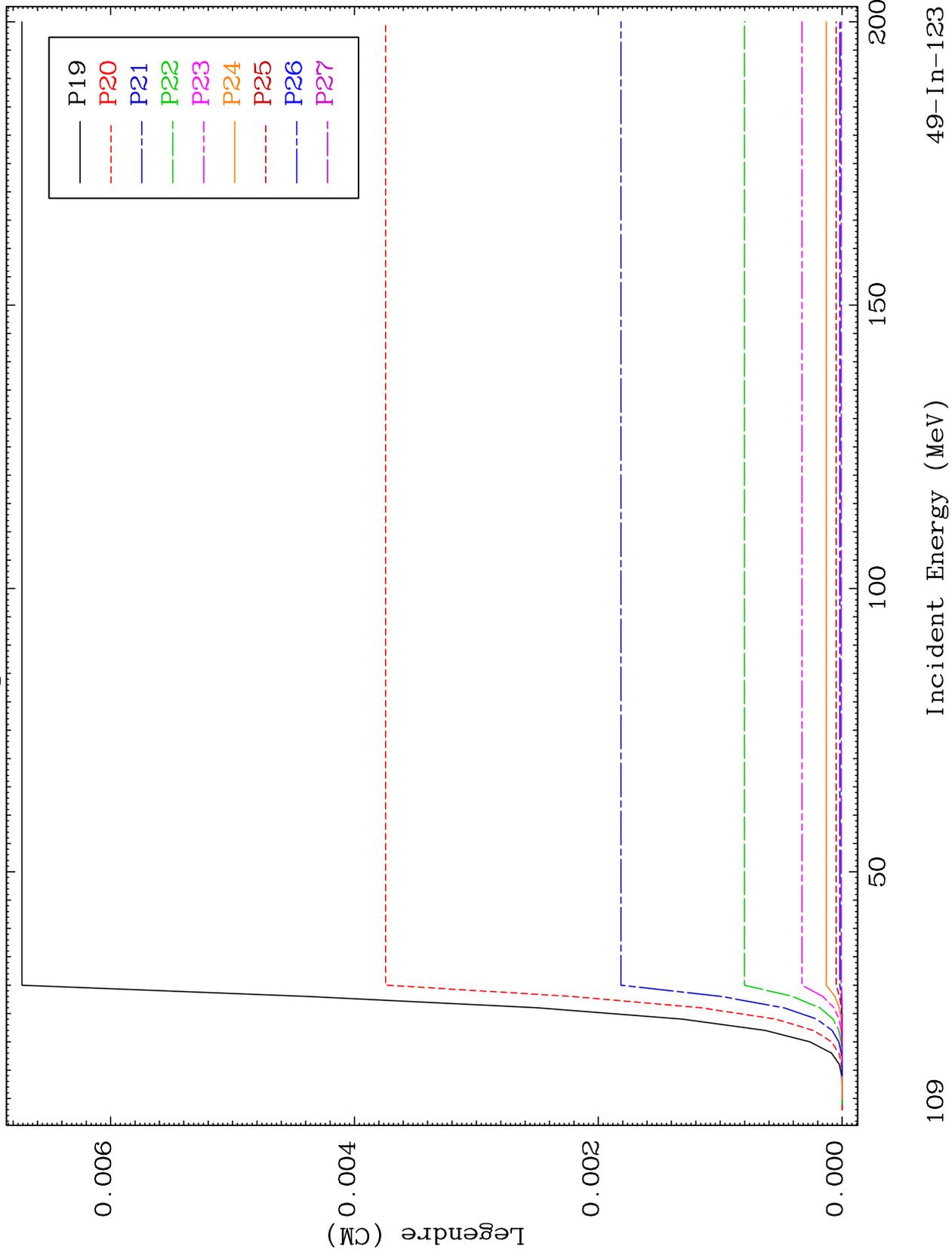
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



109

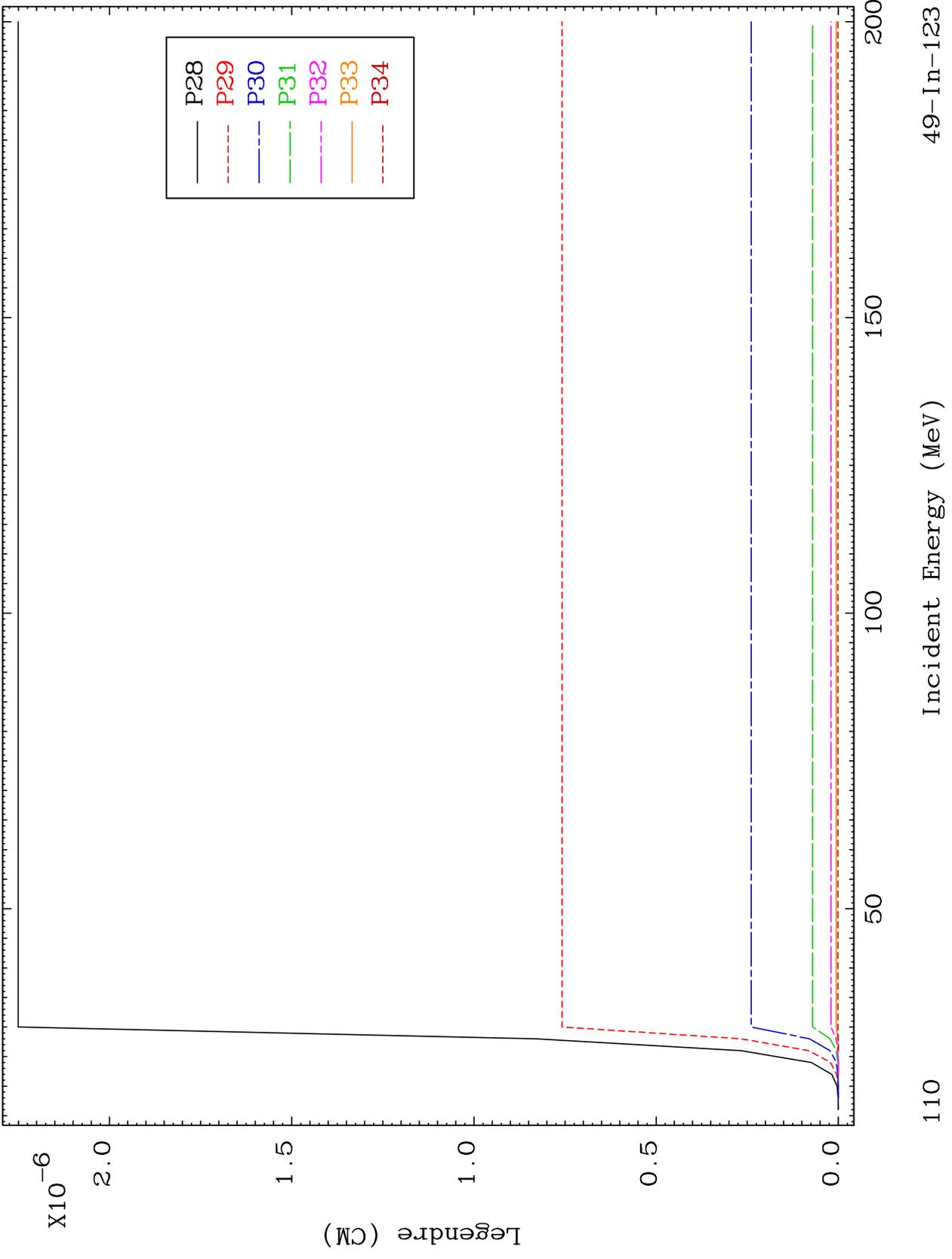
Incident Energy (MeV)

49-In-123

MAT 4955

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

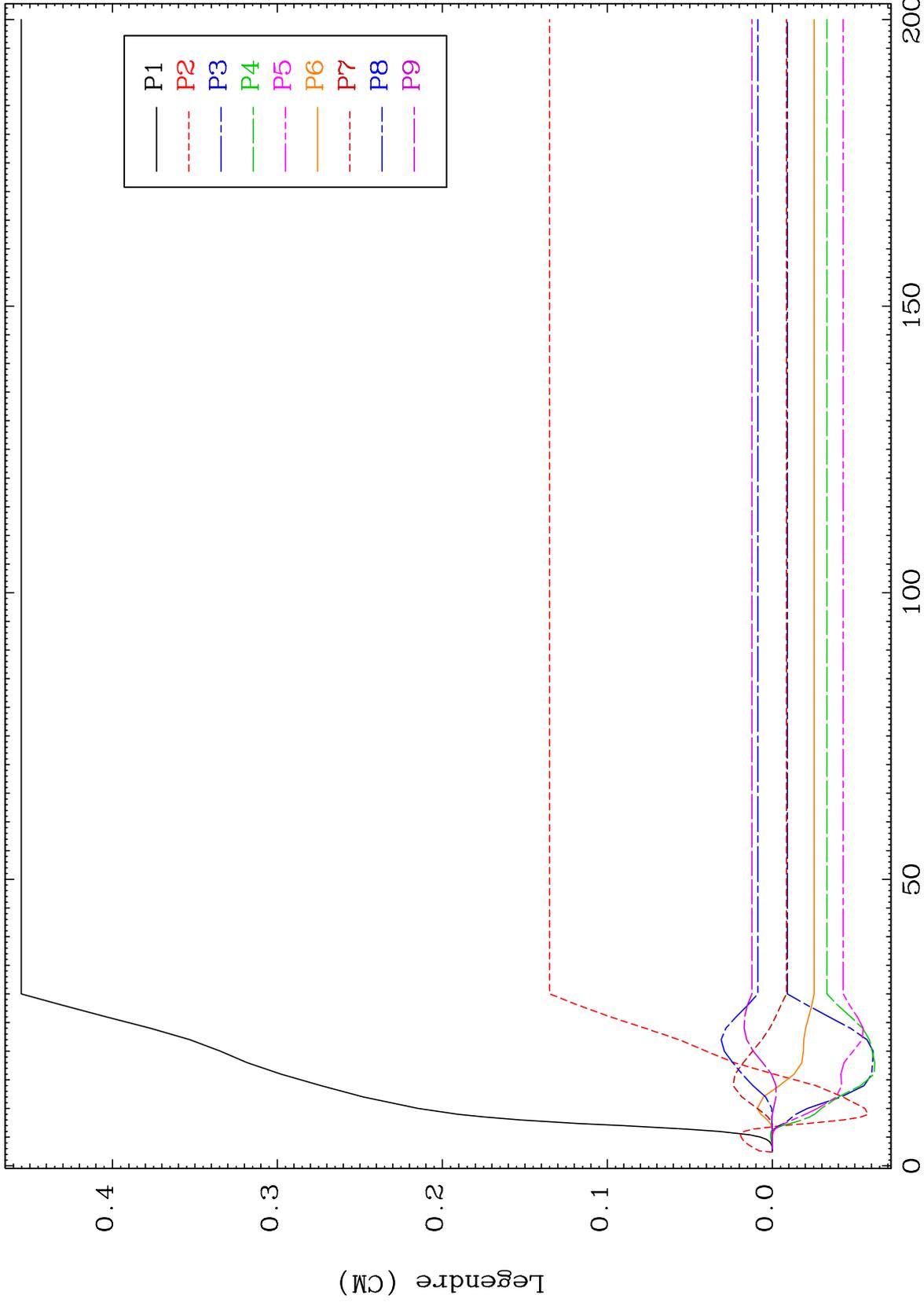
49-In-123



MAT 4955

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

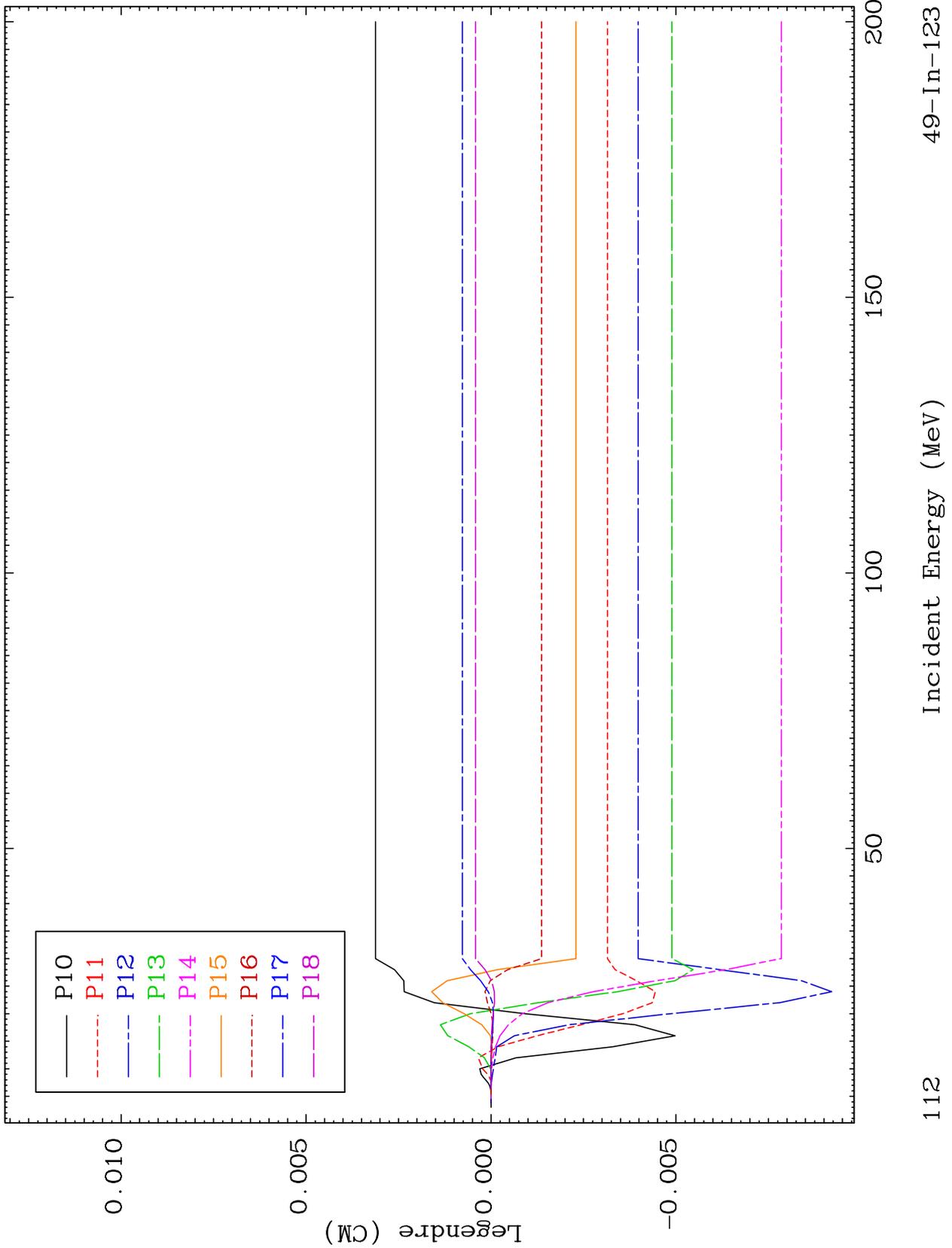
49-In-123

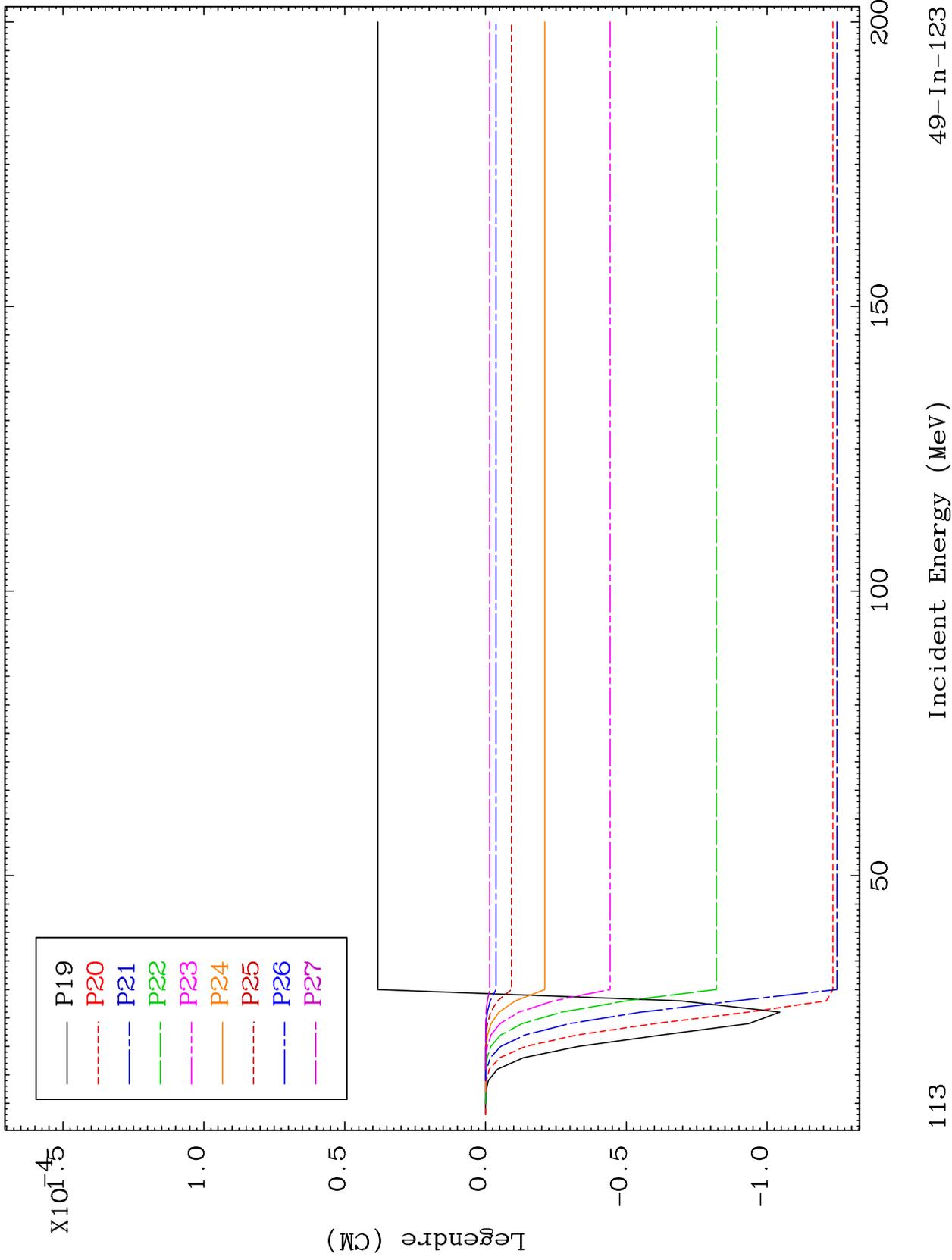


111

Incident Energy (MeV)

49-In-123



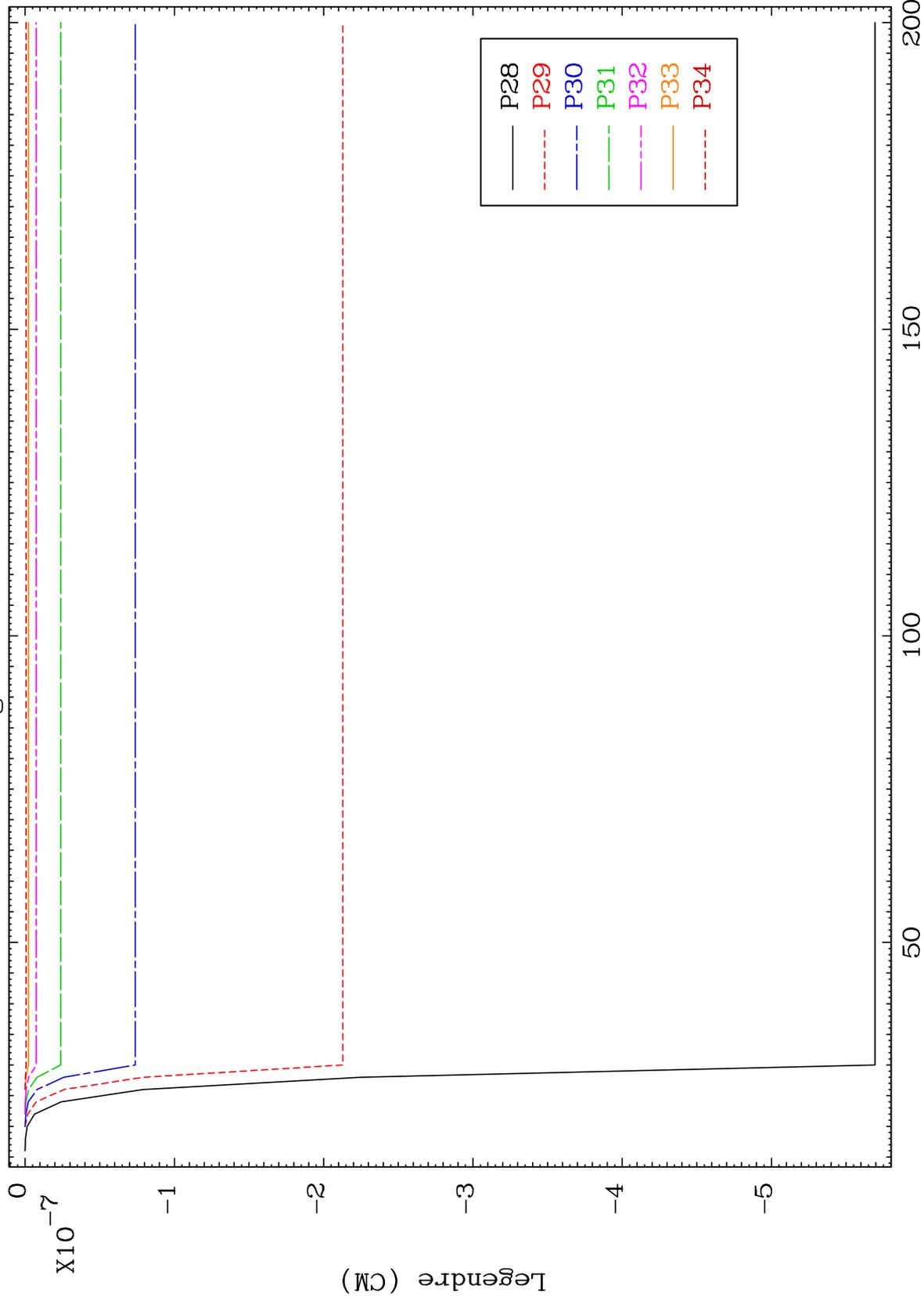


MAT 4955

MT= 74 (n,n') Level

49-In-123

Legendre Coefficients



114

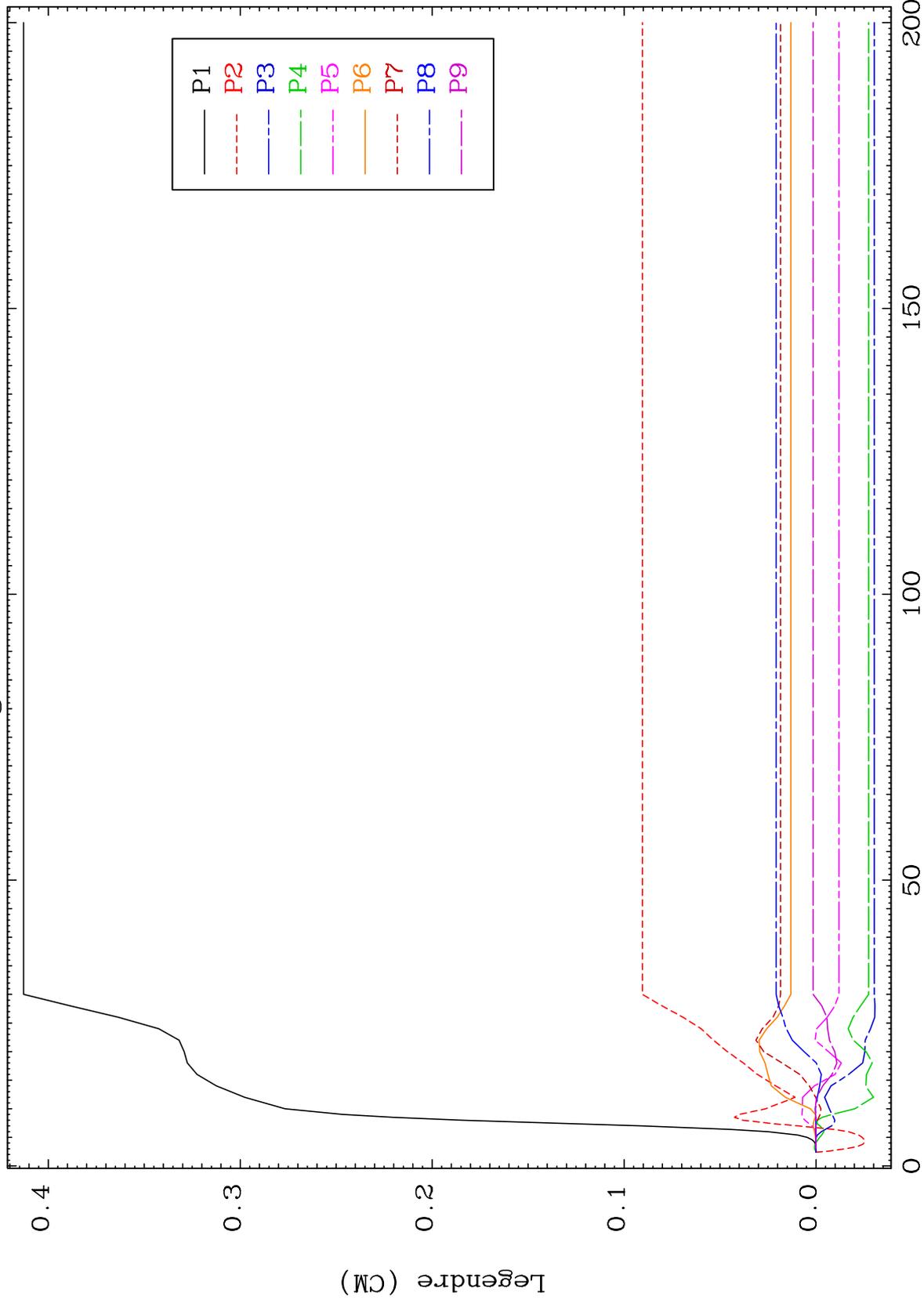
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



115

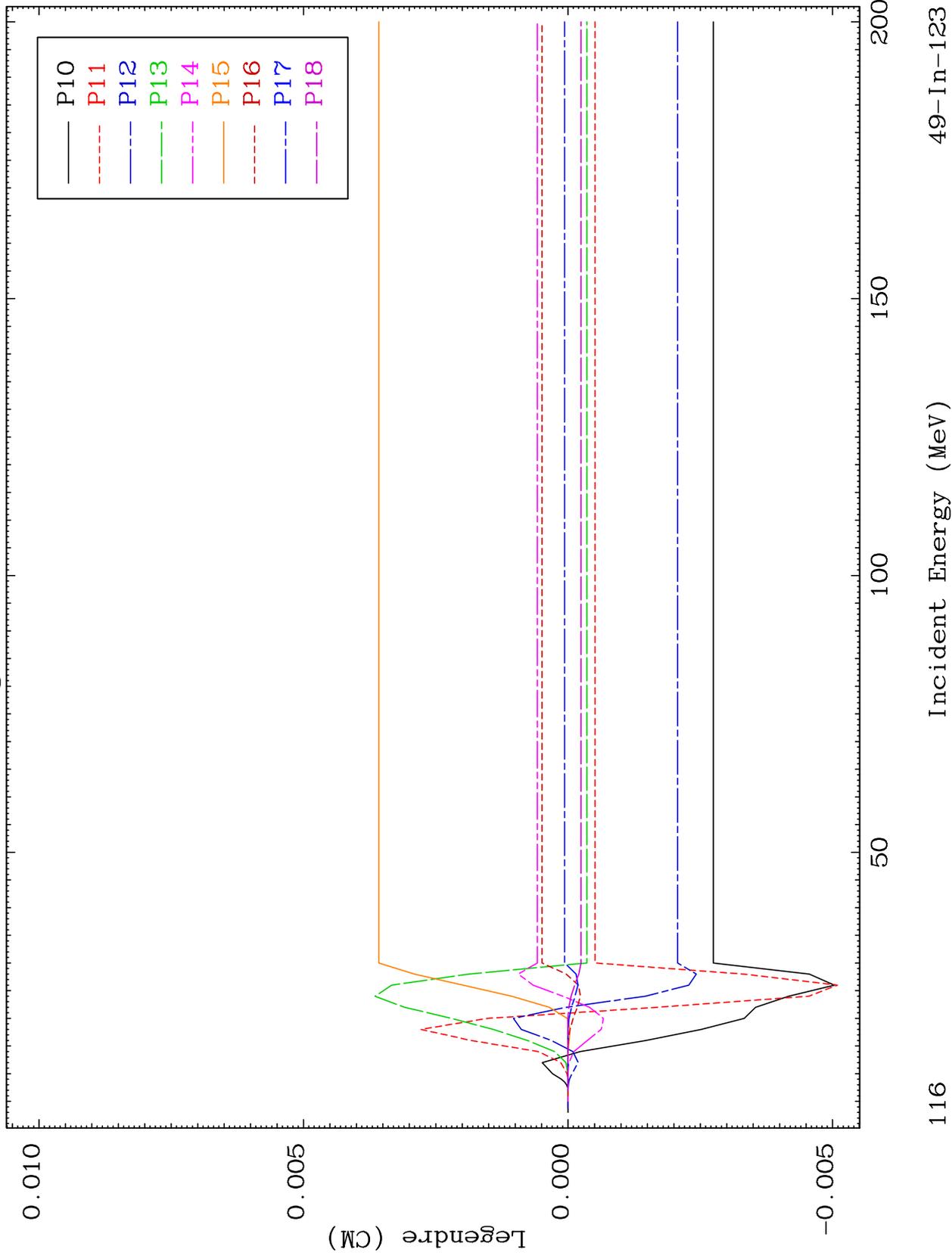
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



116

Incident Energy (MeV)

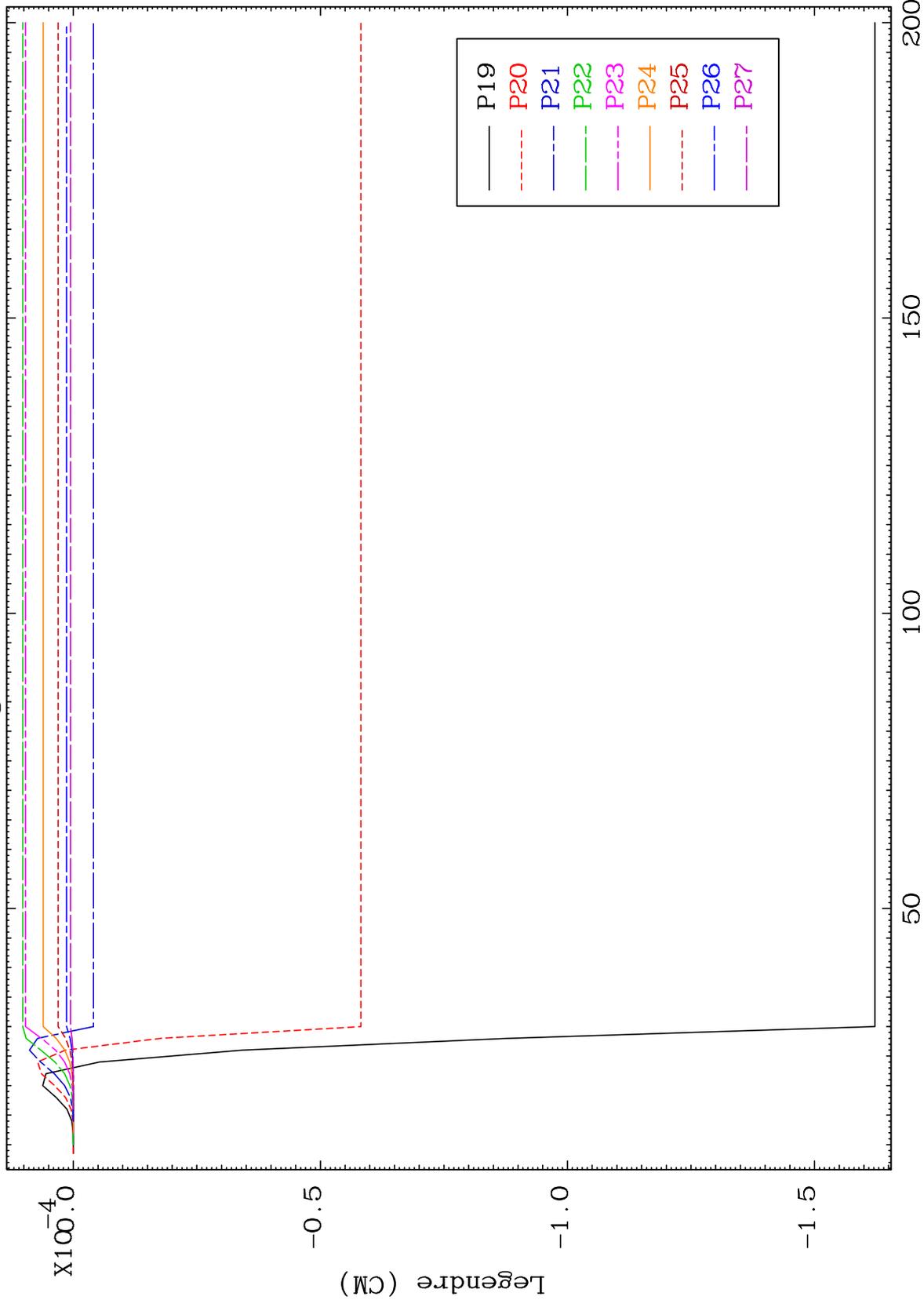
49-In-123

MAT 4955

MT= 75 (n,n') Level

49-In-123

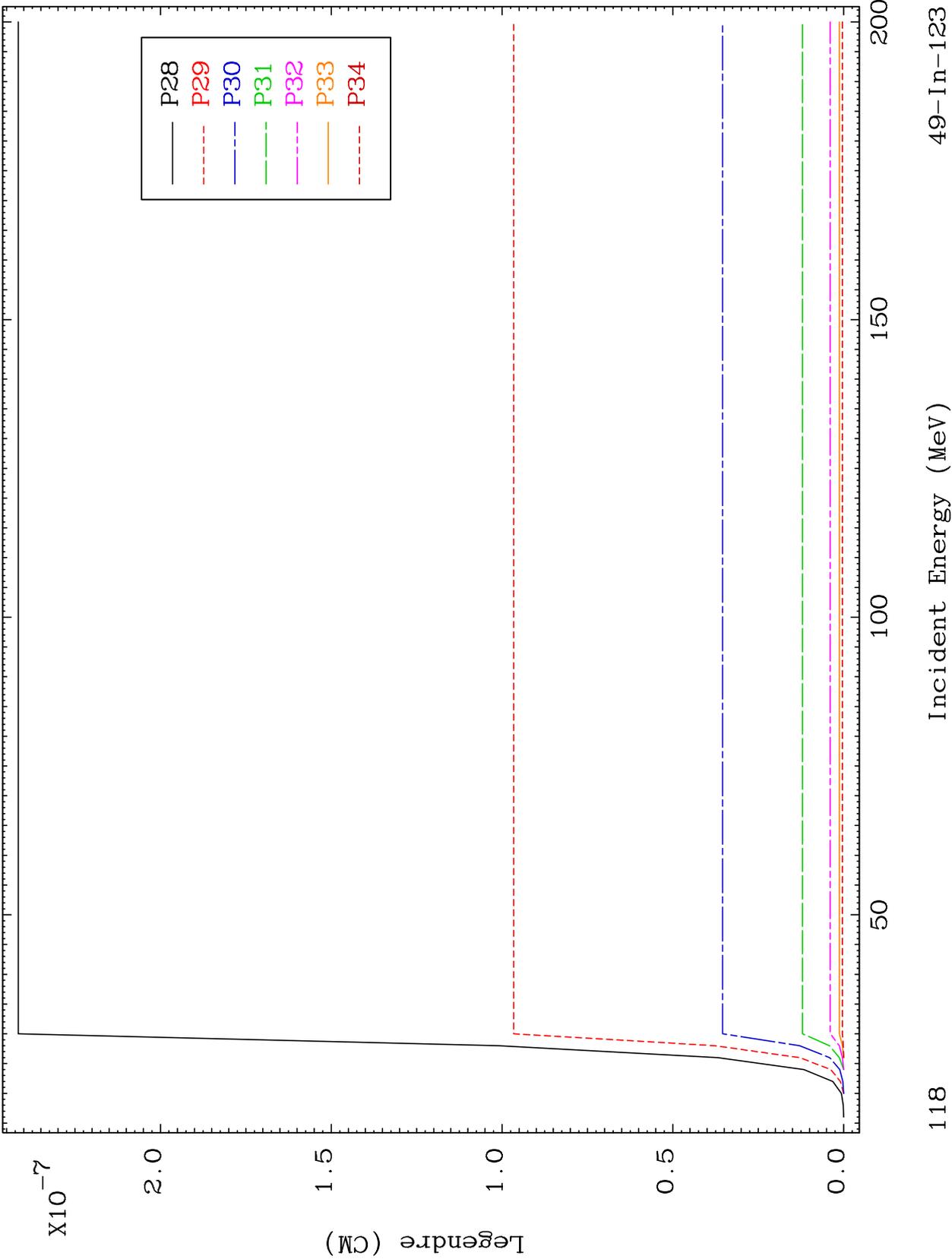
Legendre Coefficients



117

Incident Energy (MeV)

49-In-123

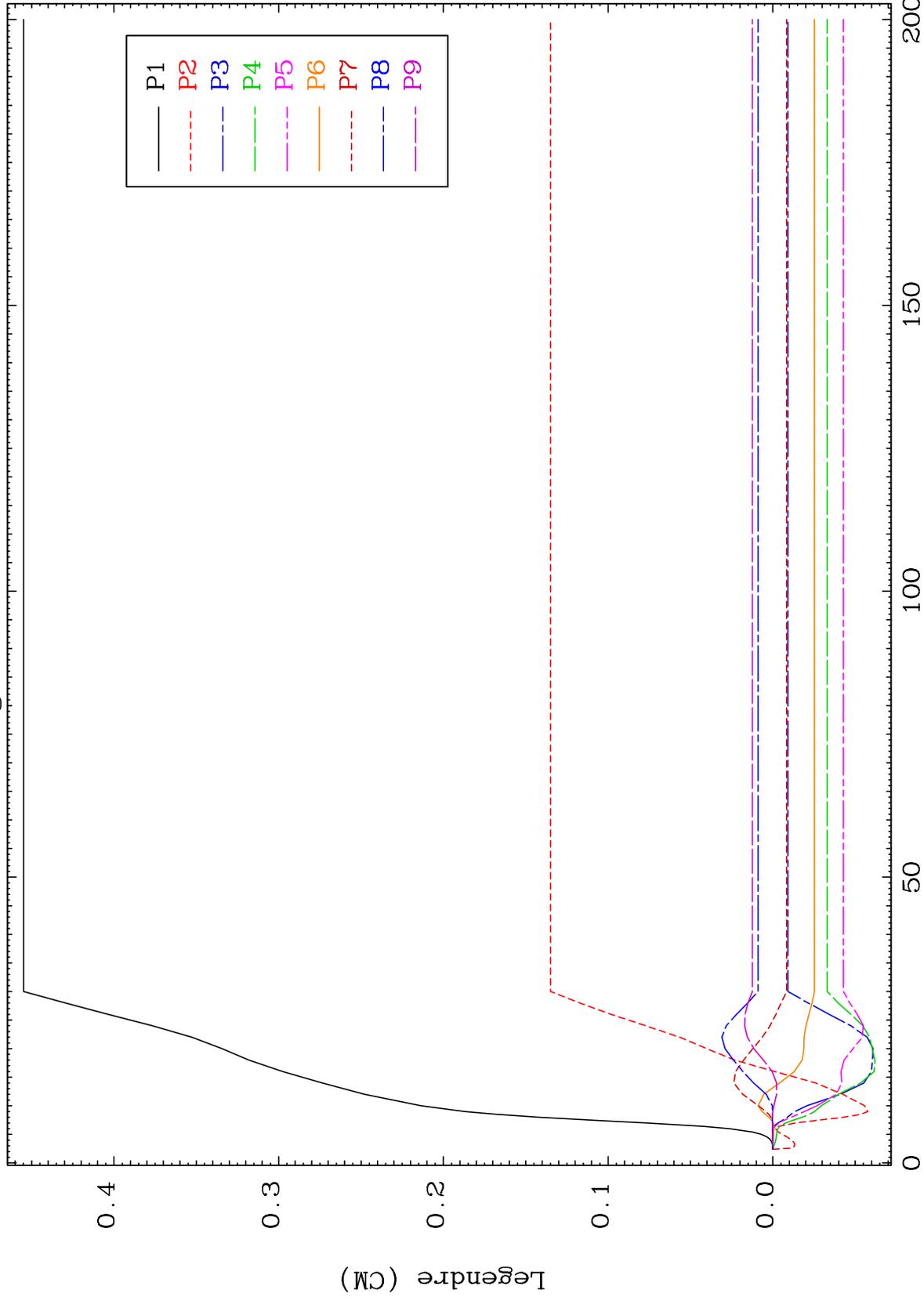


MAT 4955

MT= 76 (n,n') Level

49-In-123

Legendre Coefficients



119

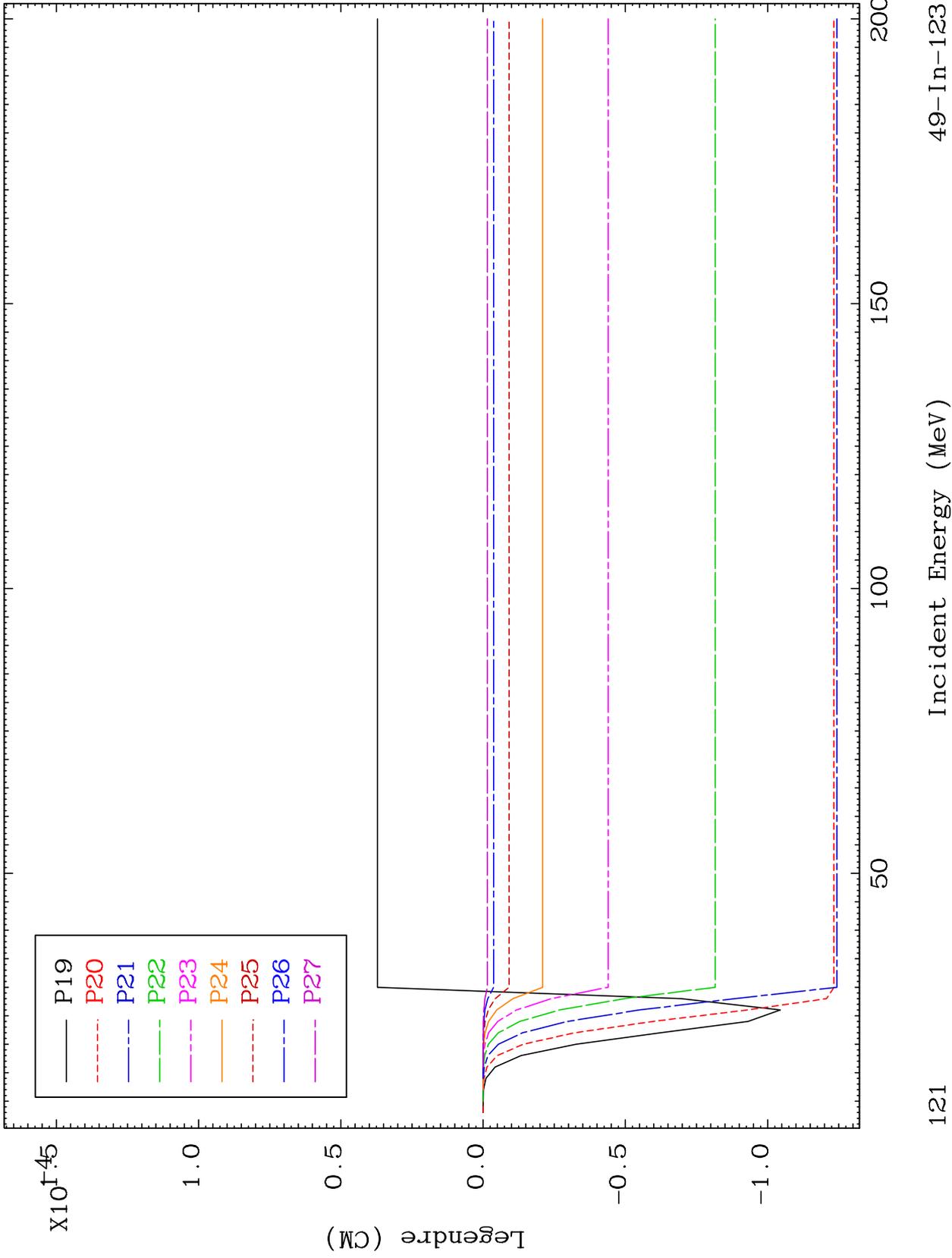
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



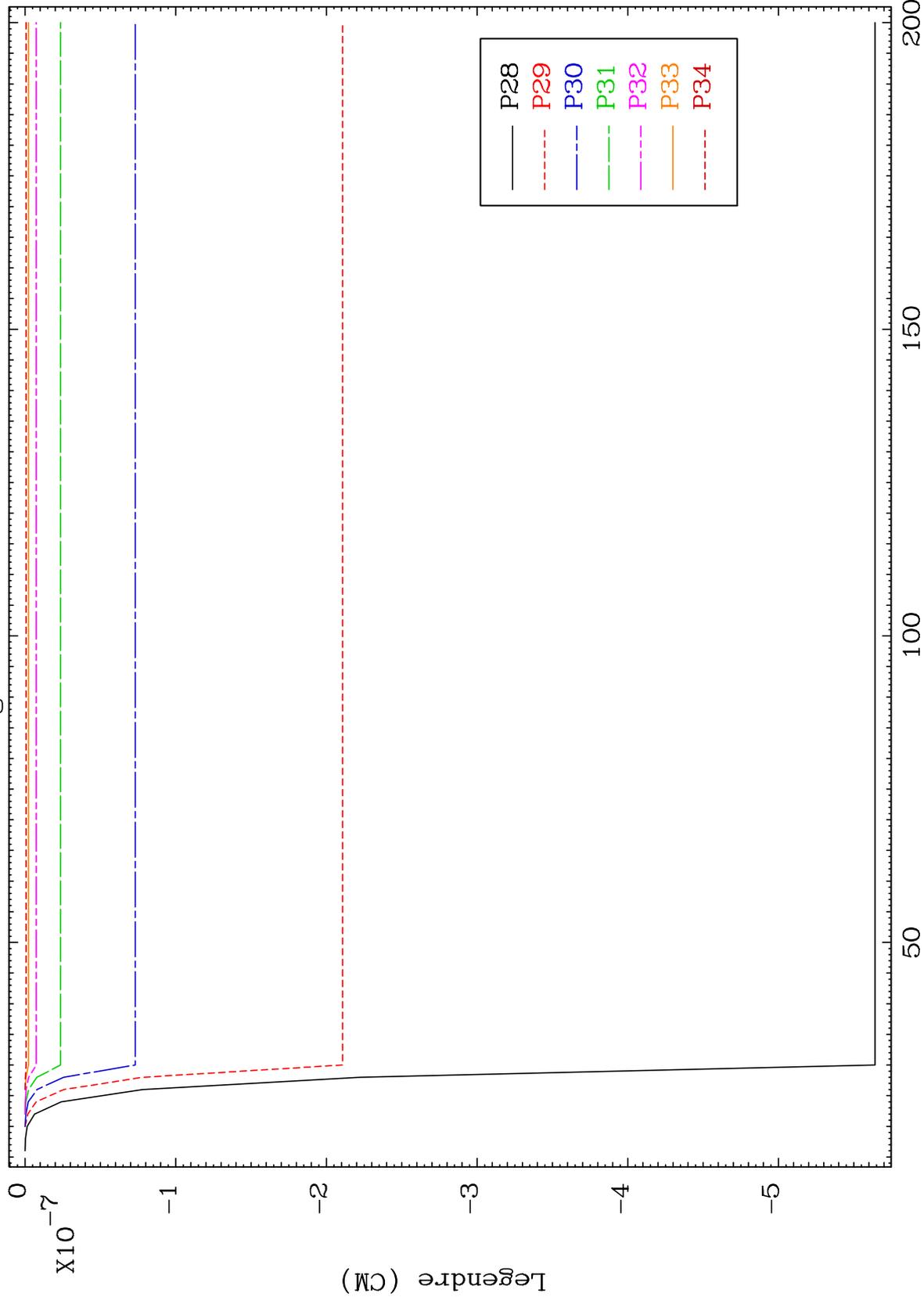
121

MAT 4955

MT= 76 (n,n') Level

49-In-123

Legendre Coefficients



122

Incident Energy (MeV)

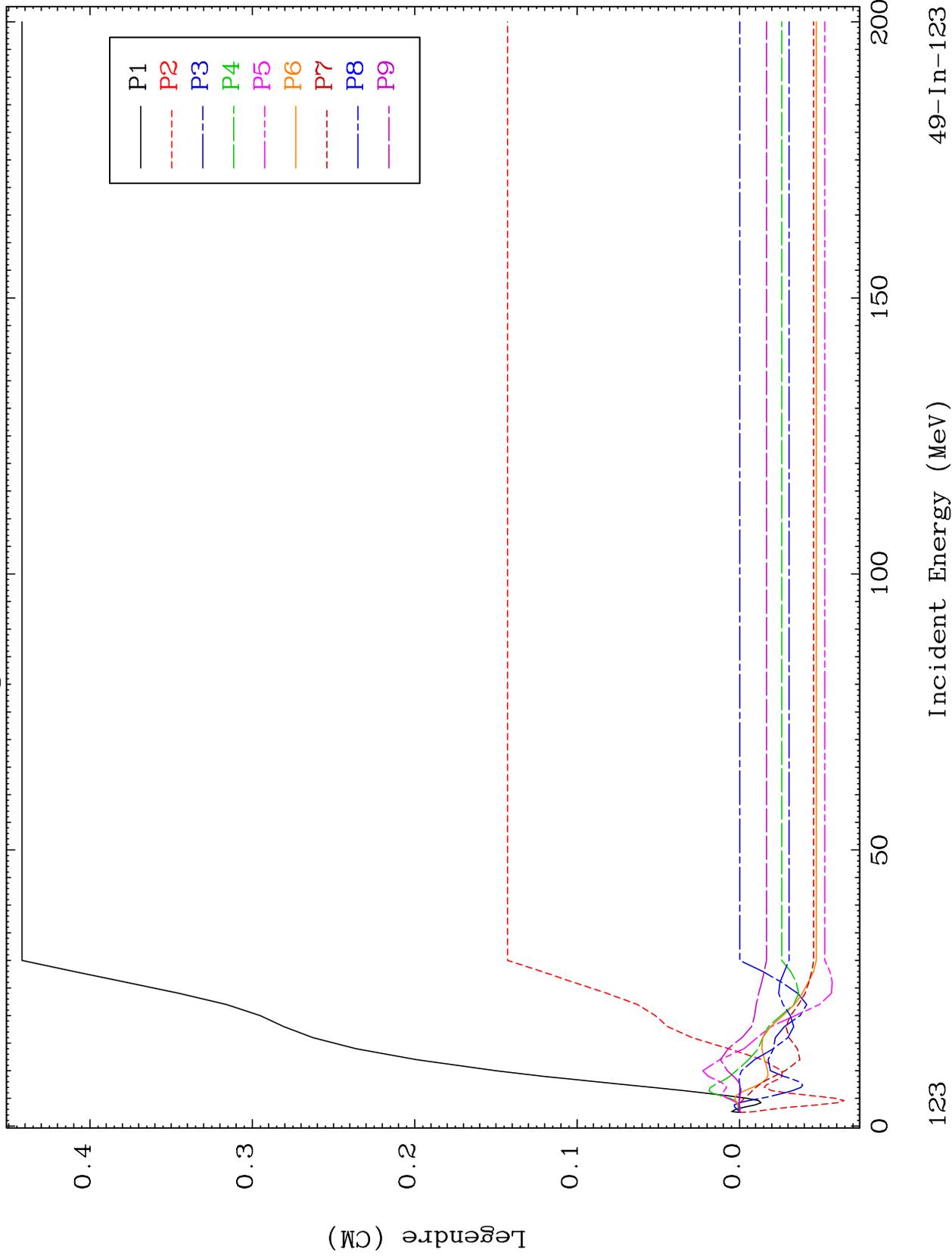
49-In-123

MAT 4955

MT= 77 (n,n') Level

49-In-123

Legendre Coefficients



123

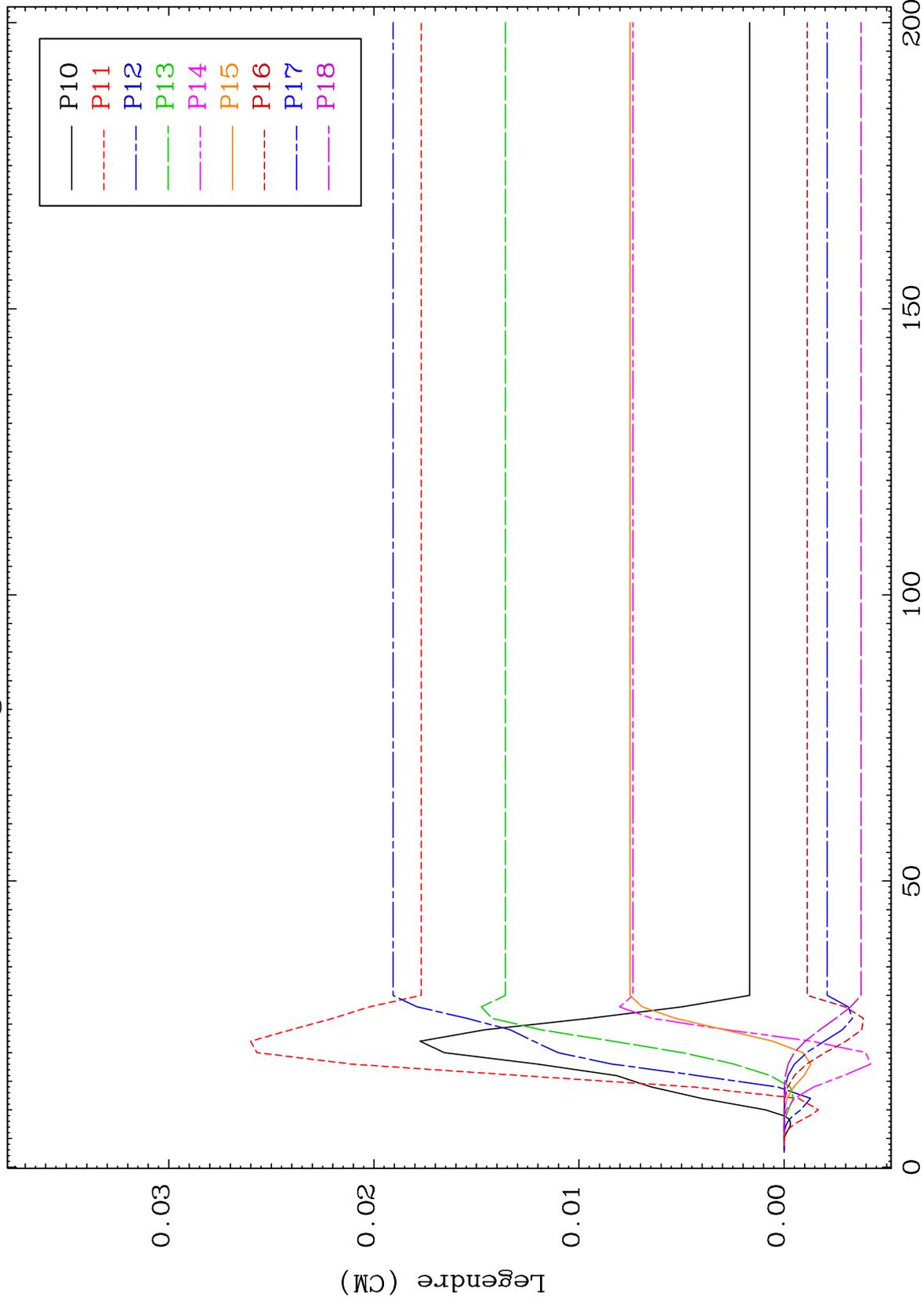
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



124

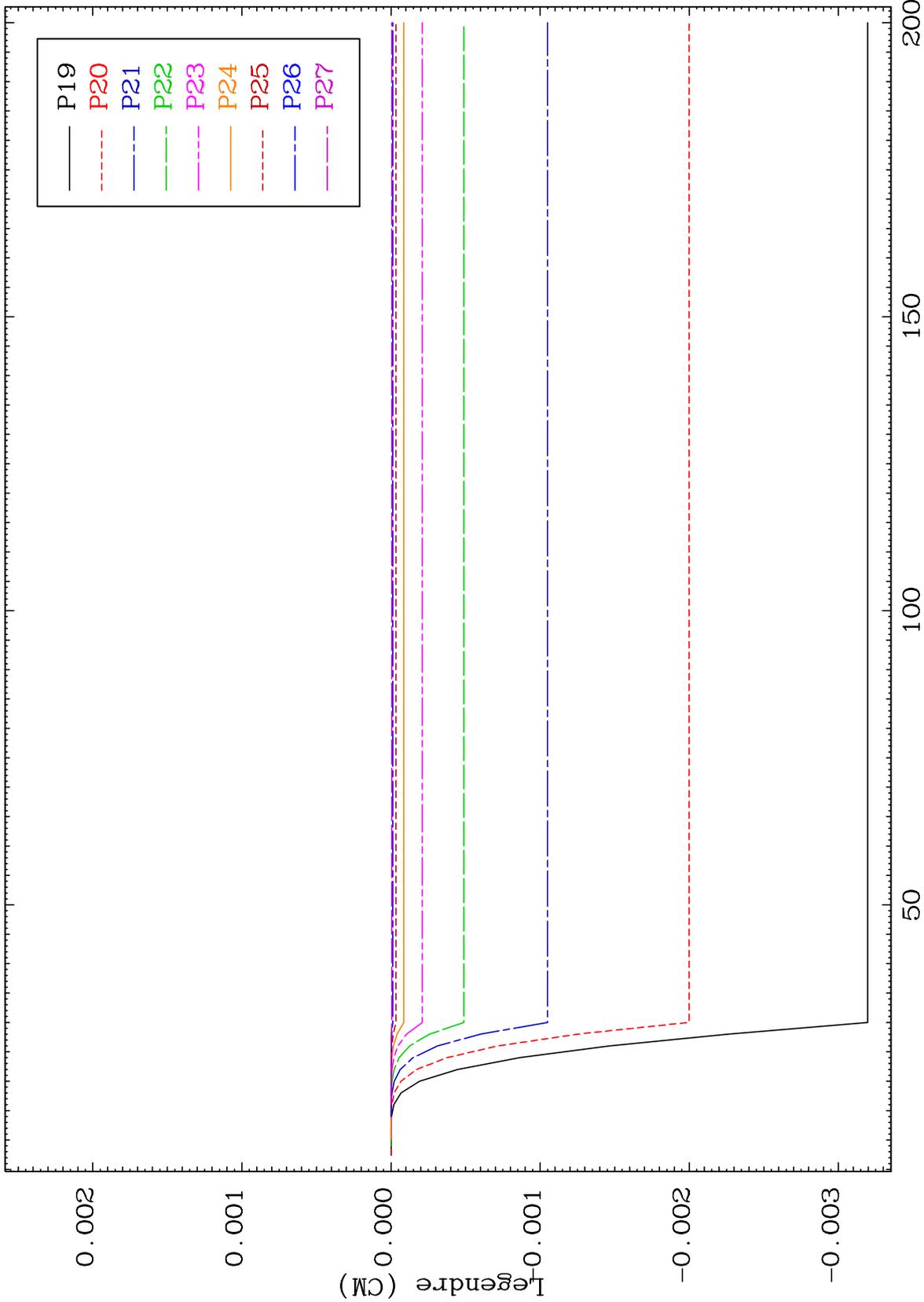
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



125

Incident Energy (MeV)

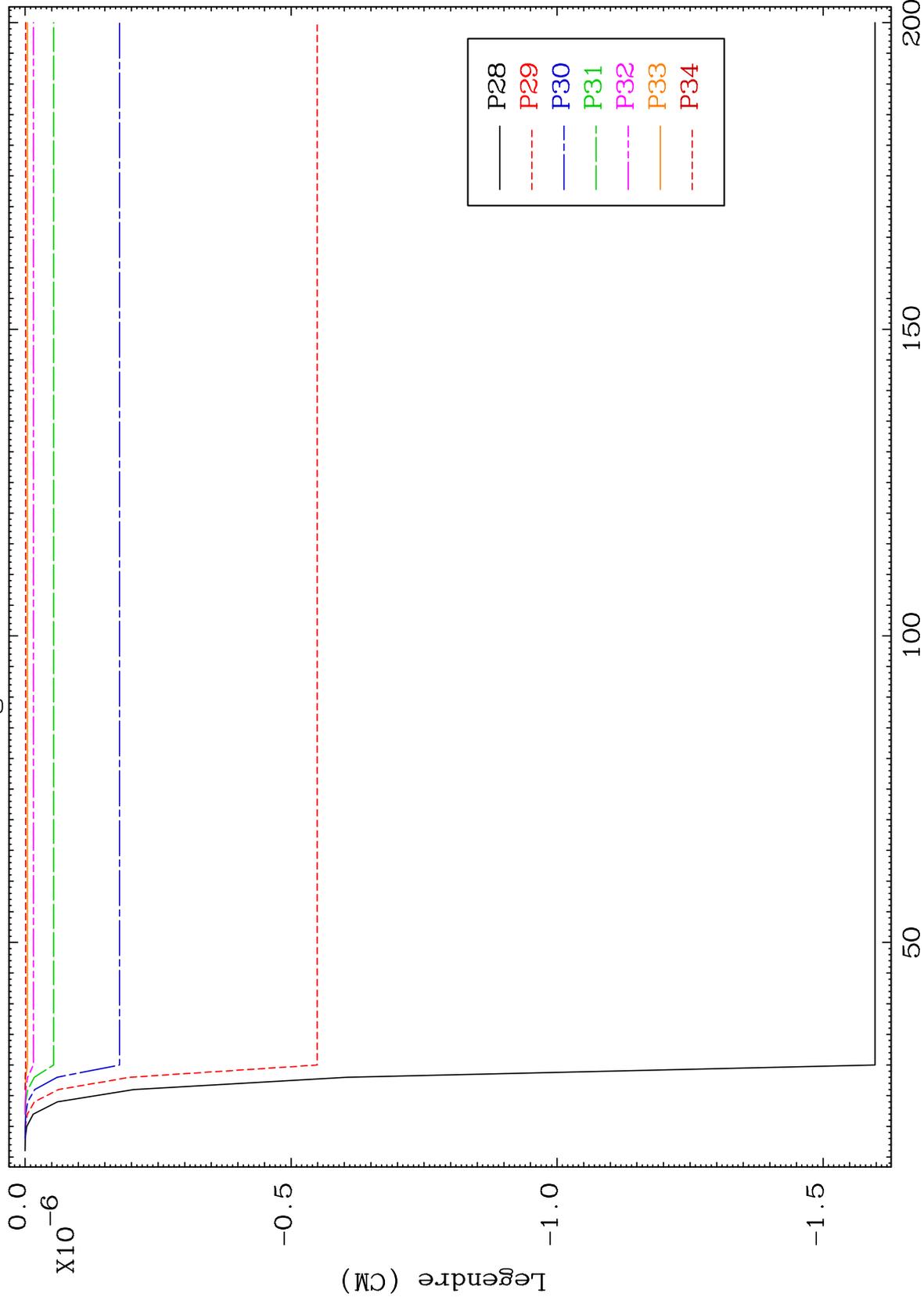
49-In-123

MAT 4955

MT= 77 (n,n') Level

49-In-123

Legendre Coefficients



126

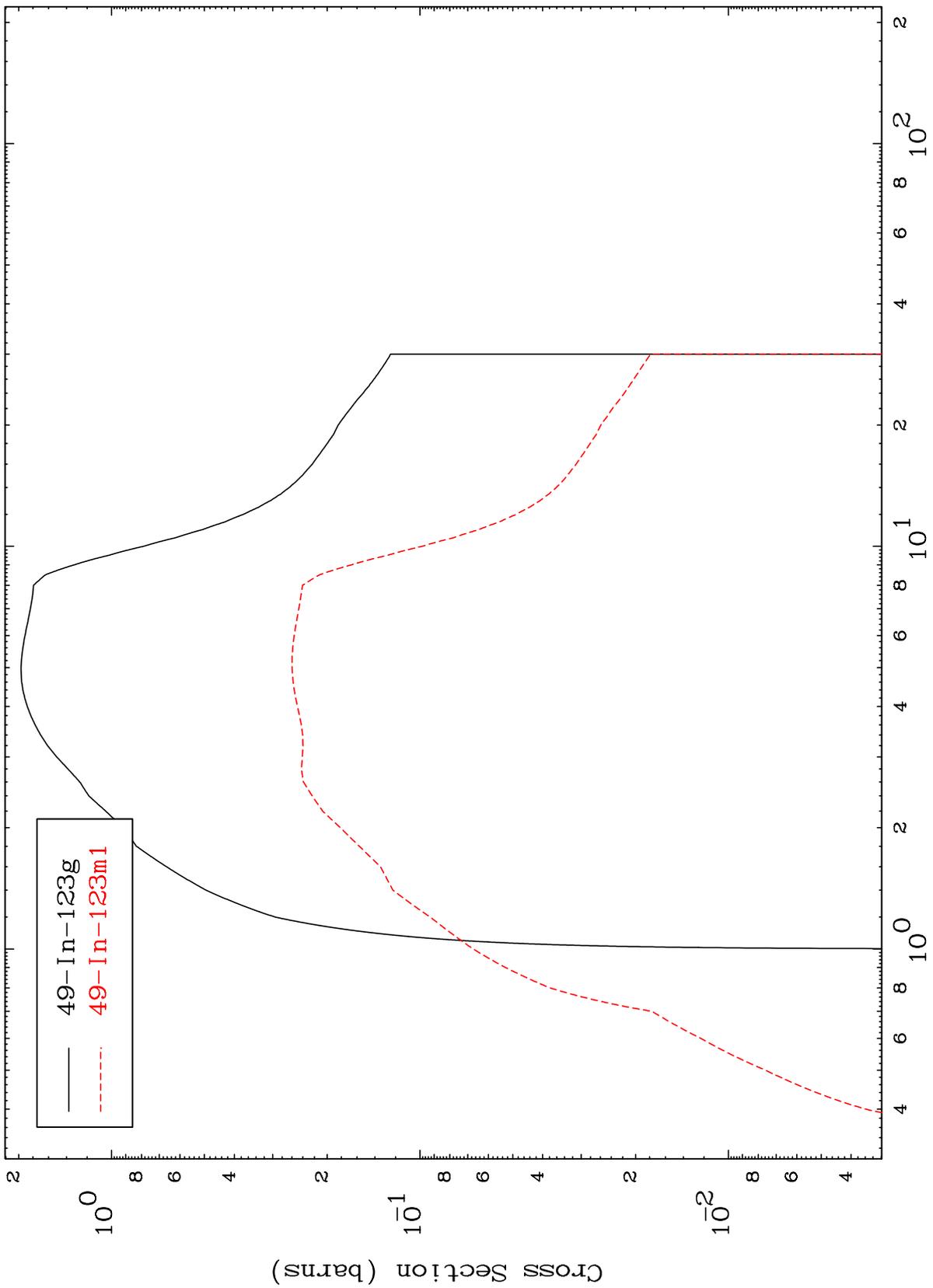
Incident Energy (MeV)

49-In-123

MAT 4955

49-In-123

Inelastic
Radionuclide Production Cross Section



127

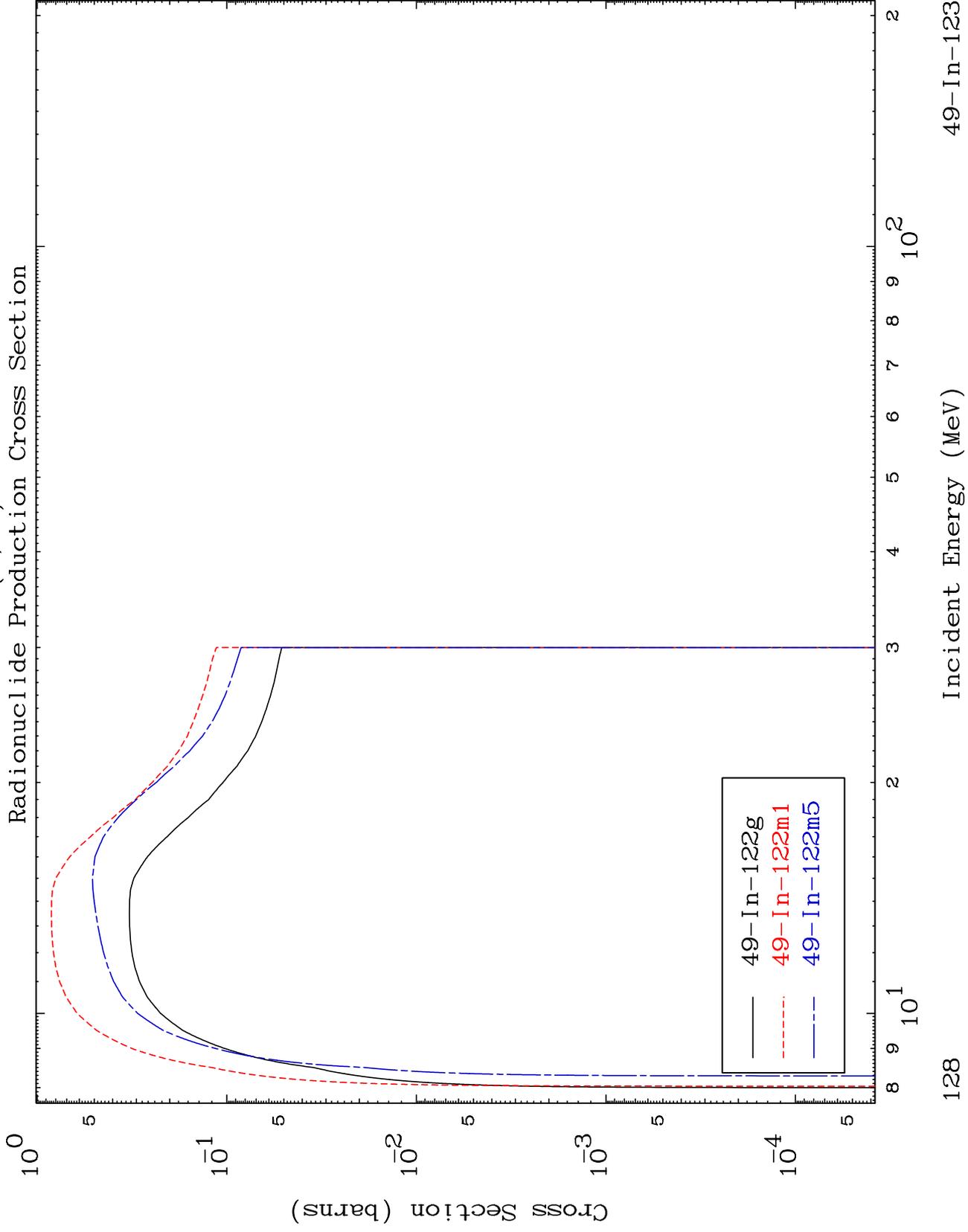
Incident Energy (MeV)

49-In-123

MAT 4955

(n,2n)

49-In-123

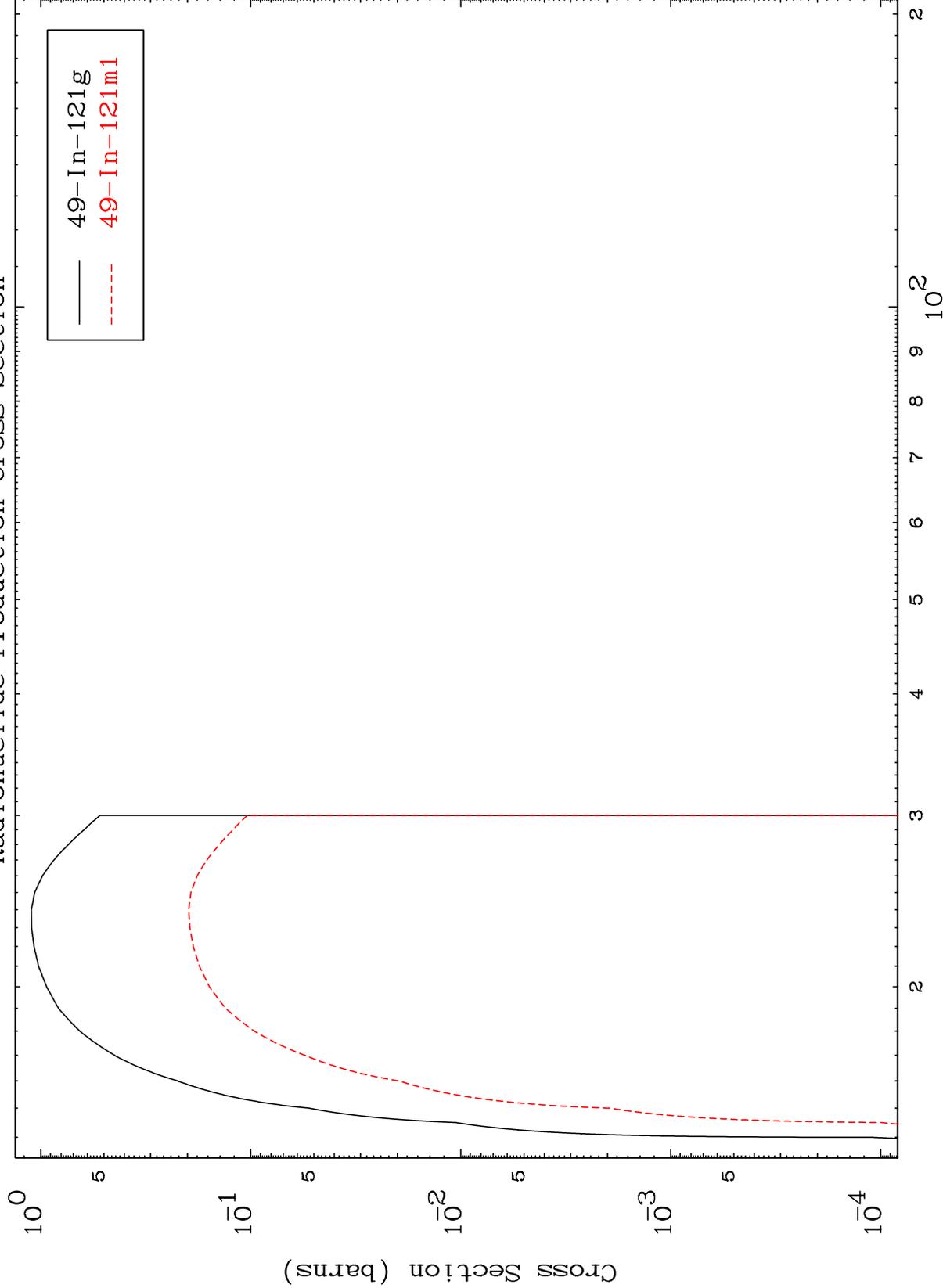


MAT 4955

(n,3n)

49-In-123

Radionuclide Production Cross Section



129

Incident Energy (MeV)

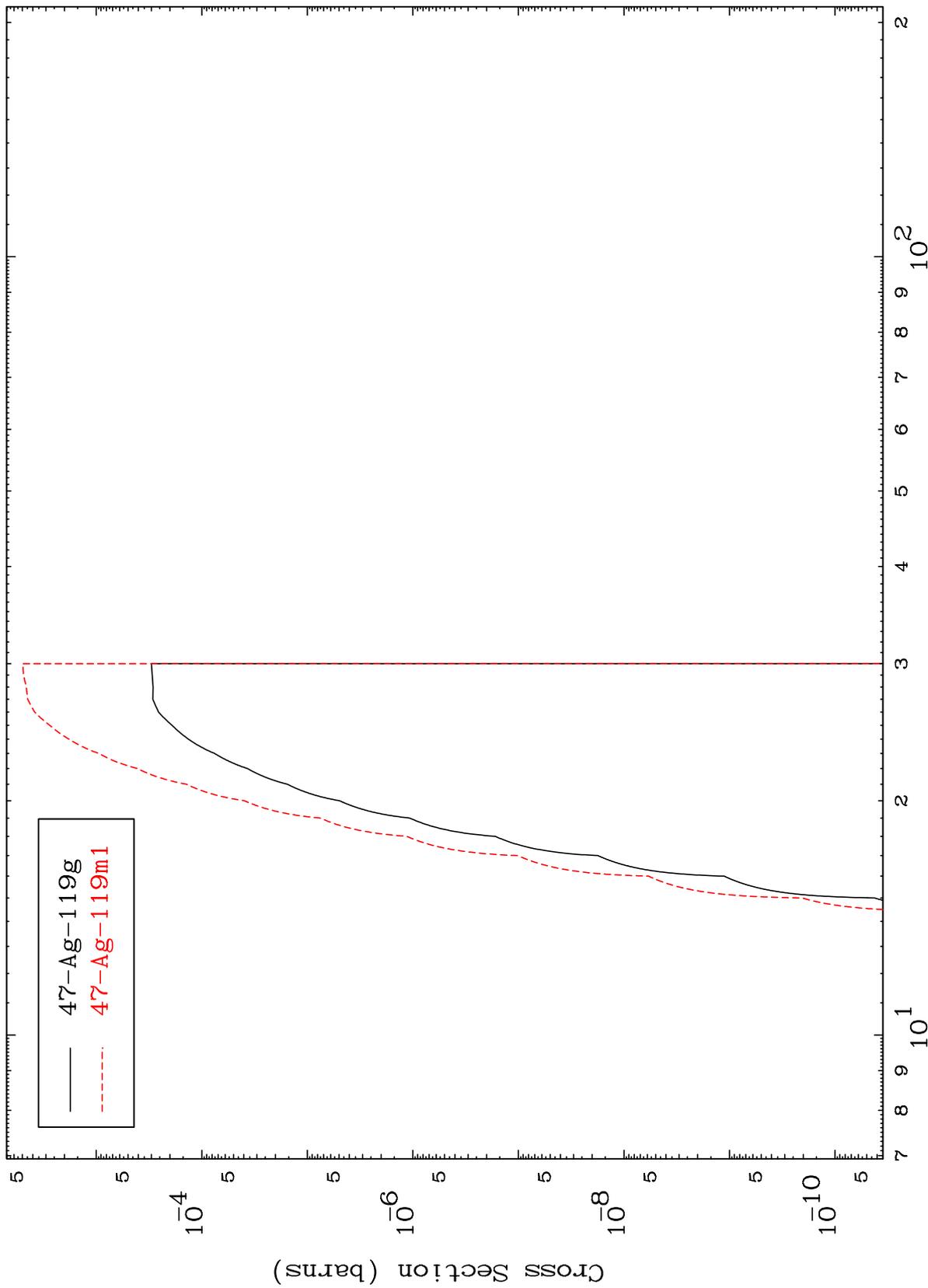
49-In-123

MAT 4955

(n,n') α

49-In-123

Radionuclide Production Cross Section



130

Incident Energy (MeV)

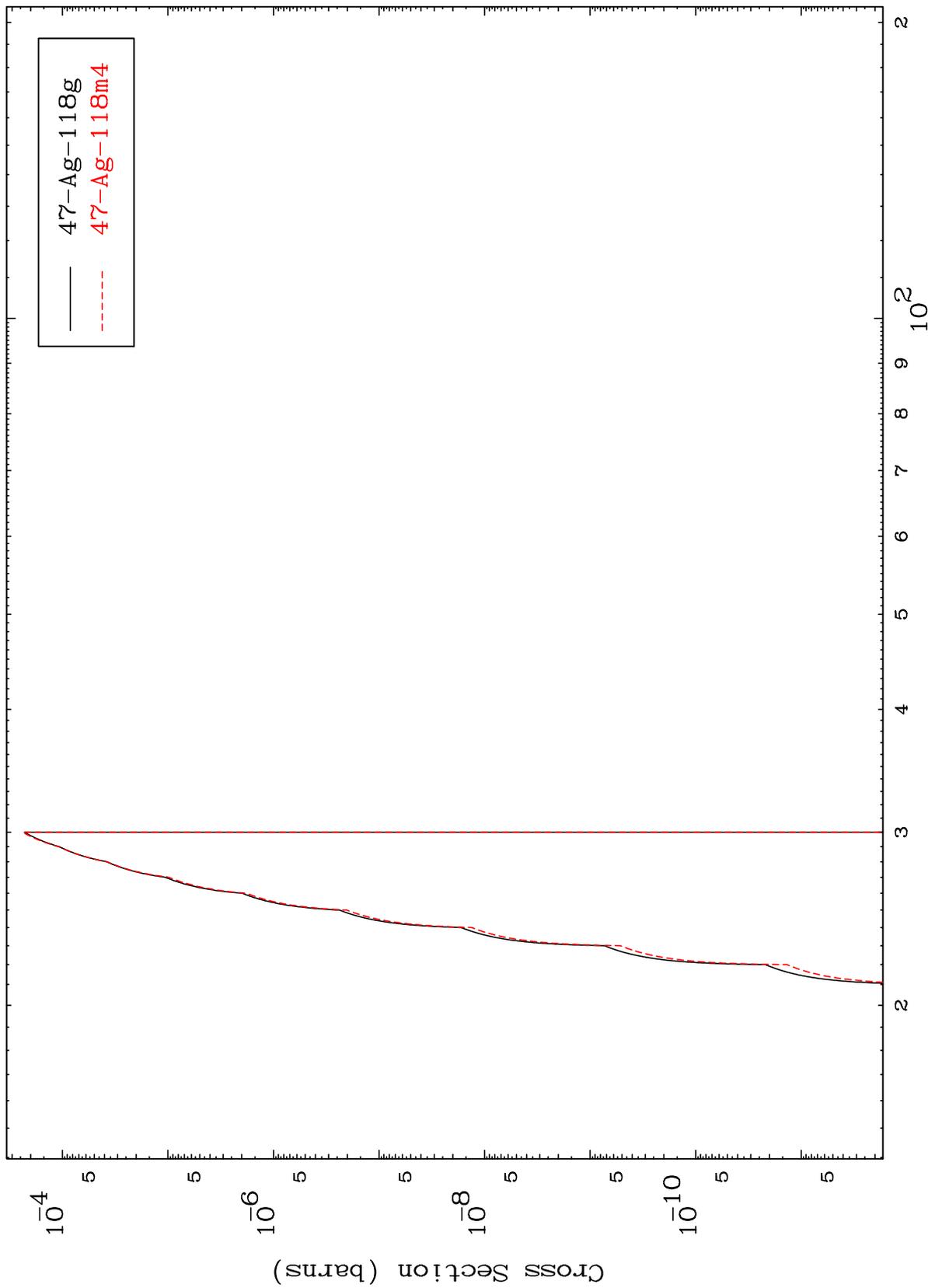
49-In-123

MAT 4955

(n,2n) α

49-In-123

Radionuclide Production Cross Section



131

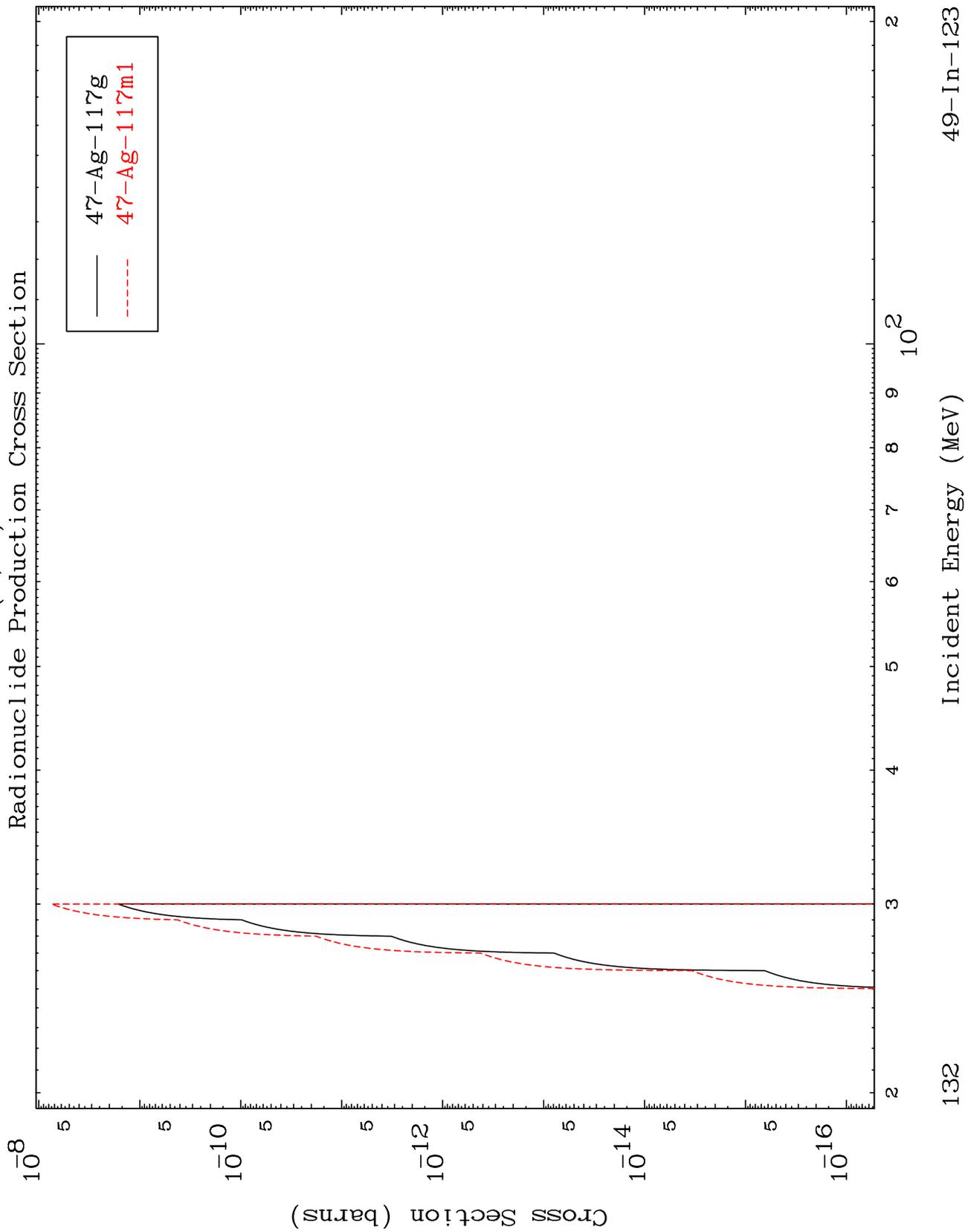
Incident Energy (MeV)

49-In-123

MAT 4955

(n,3n) α

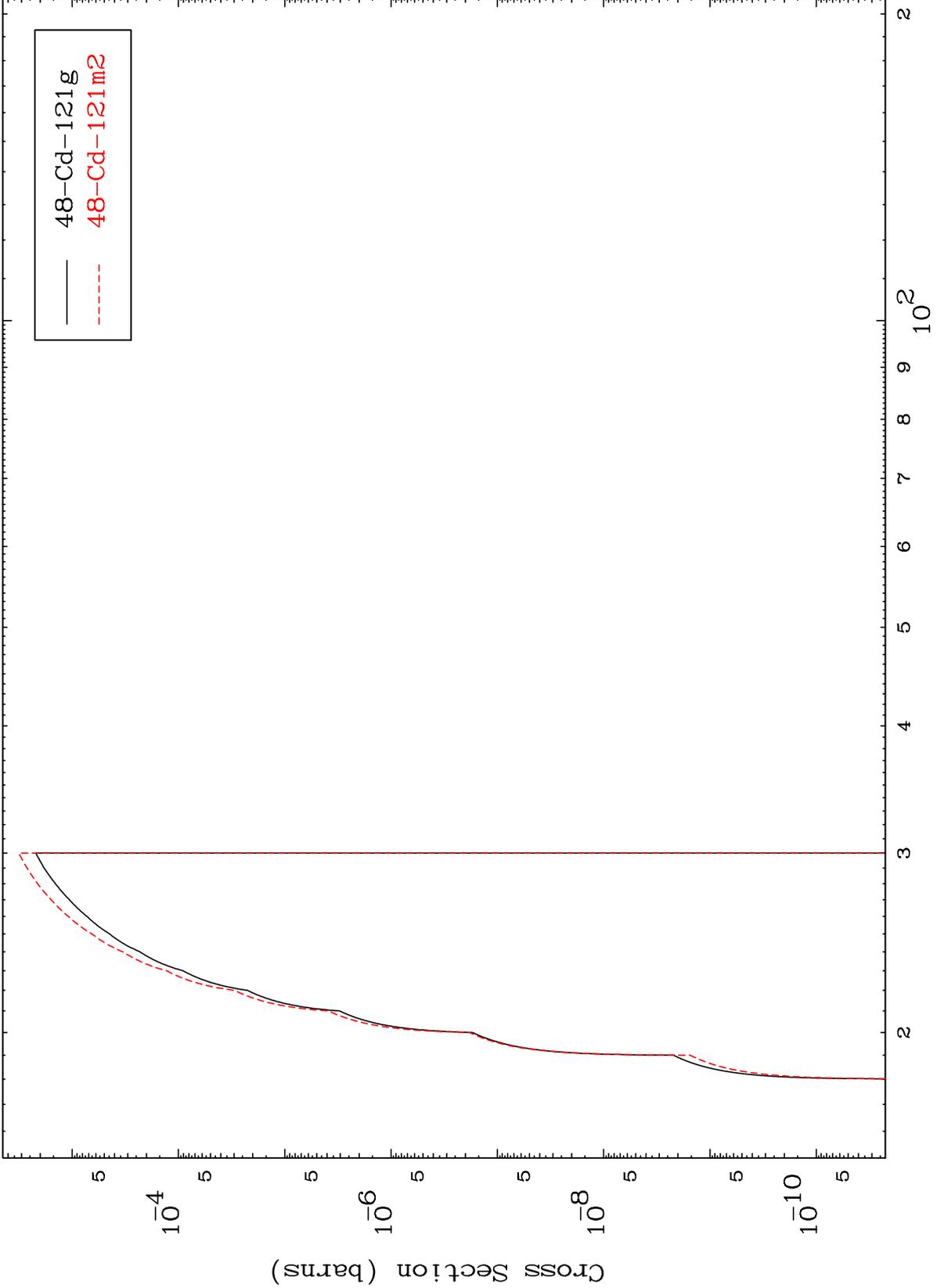
49-In-123



132

49-In-123

Radionuclide Production Cross Section

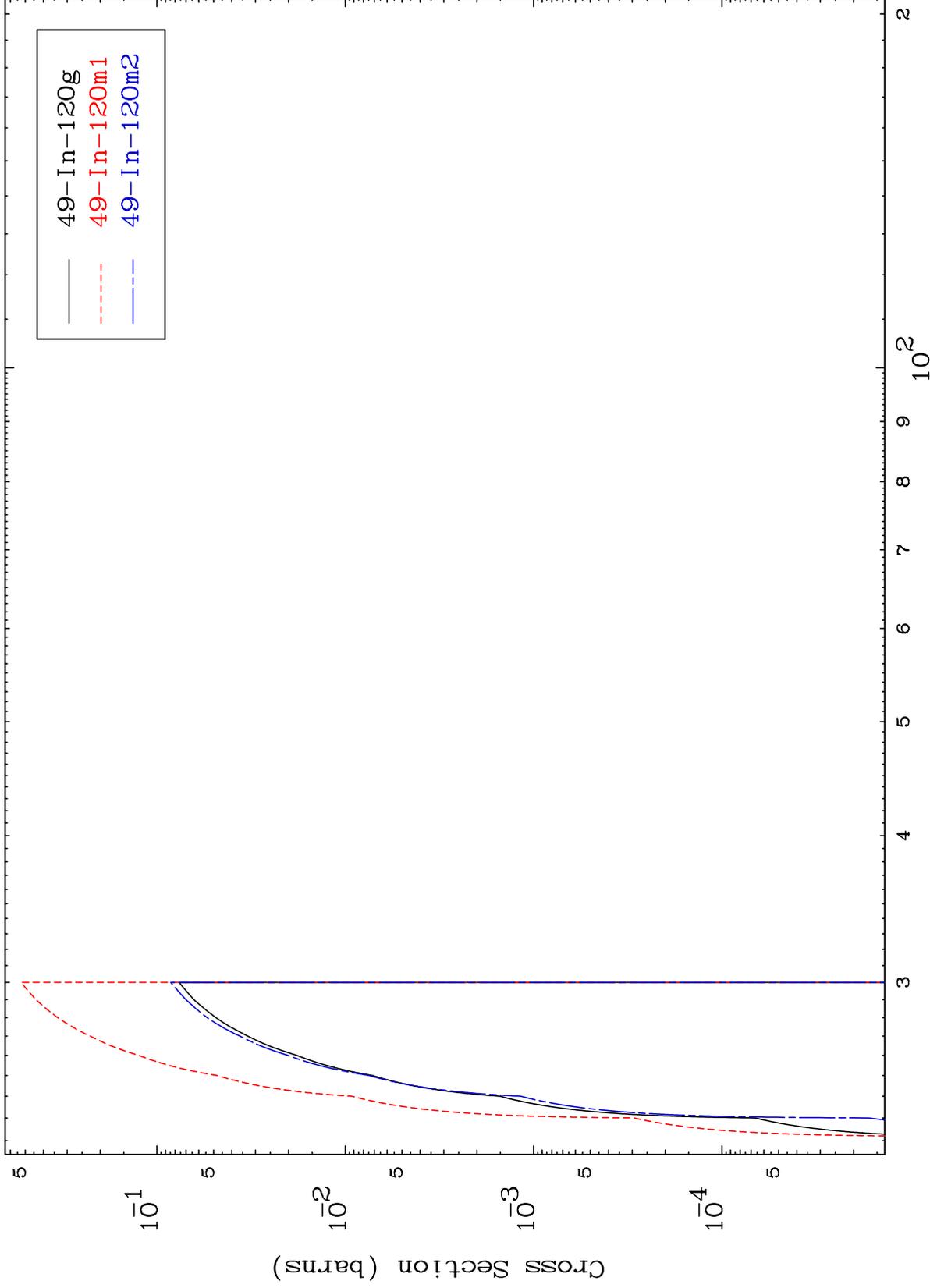


MAT 4955

(n,4n)

49-In-123

Radionuclide Production Cross Section

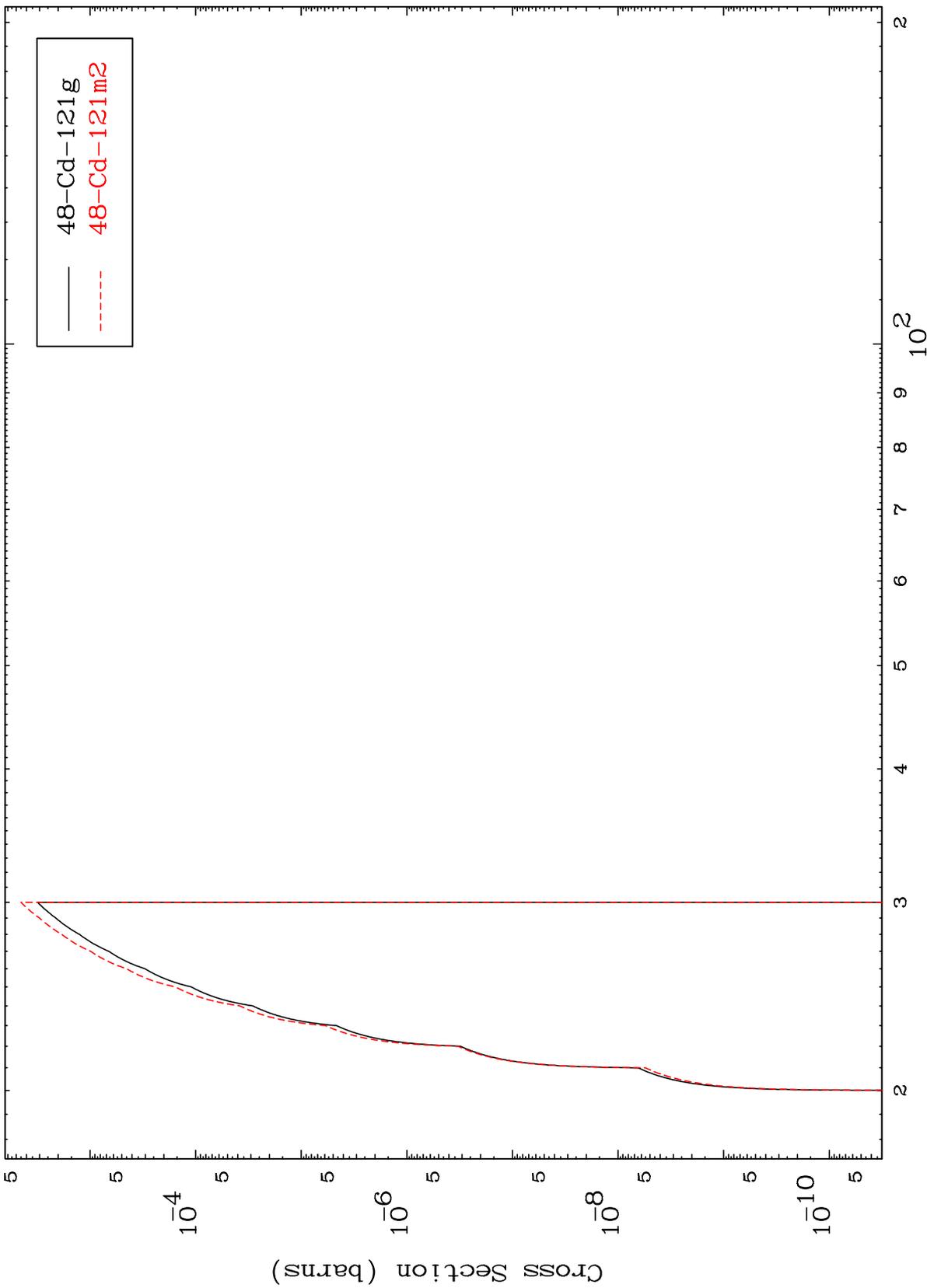


134

Incident Energy (MeV)

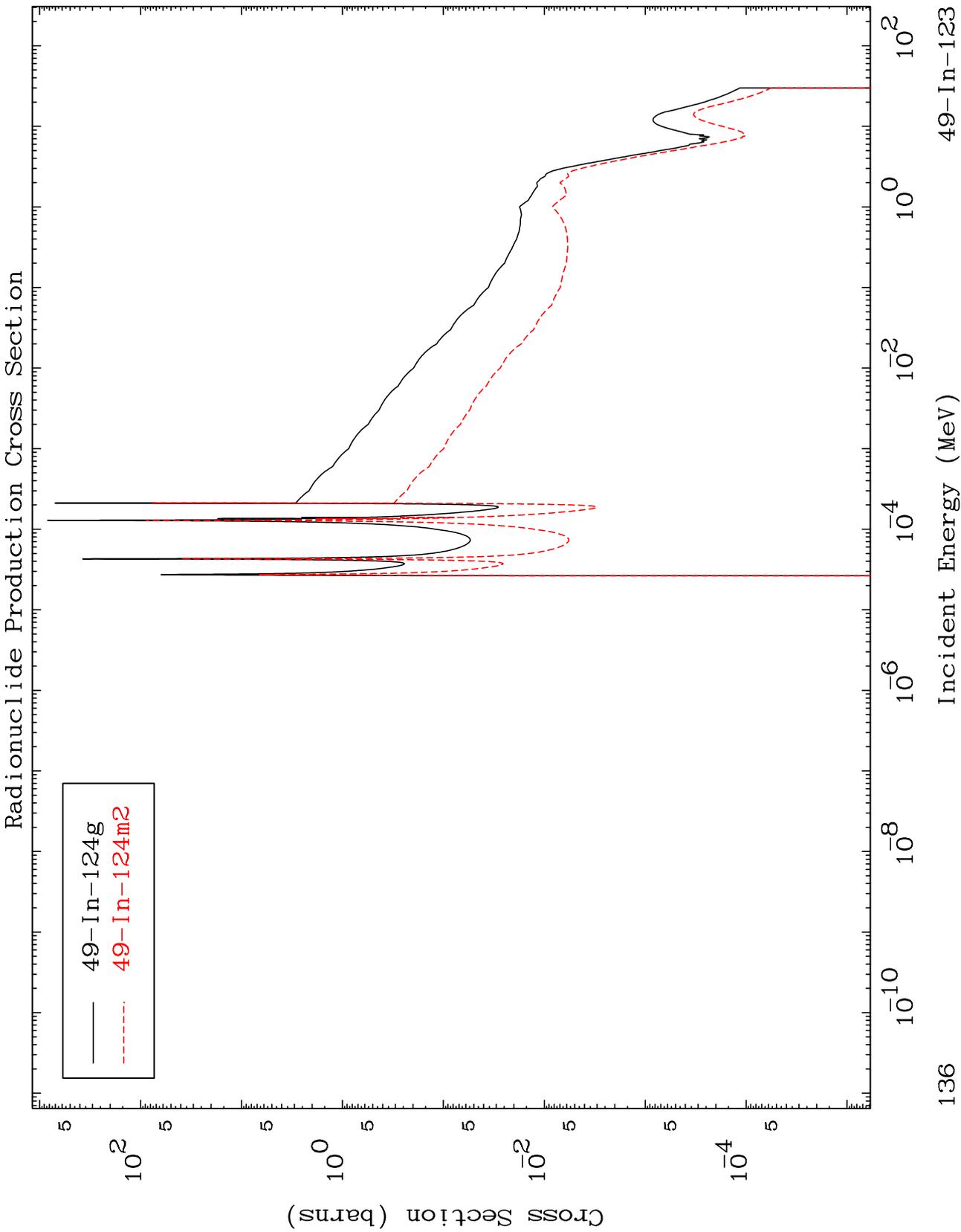
49-In-123

Radionuclide Production Cross Section



MAT 4955

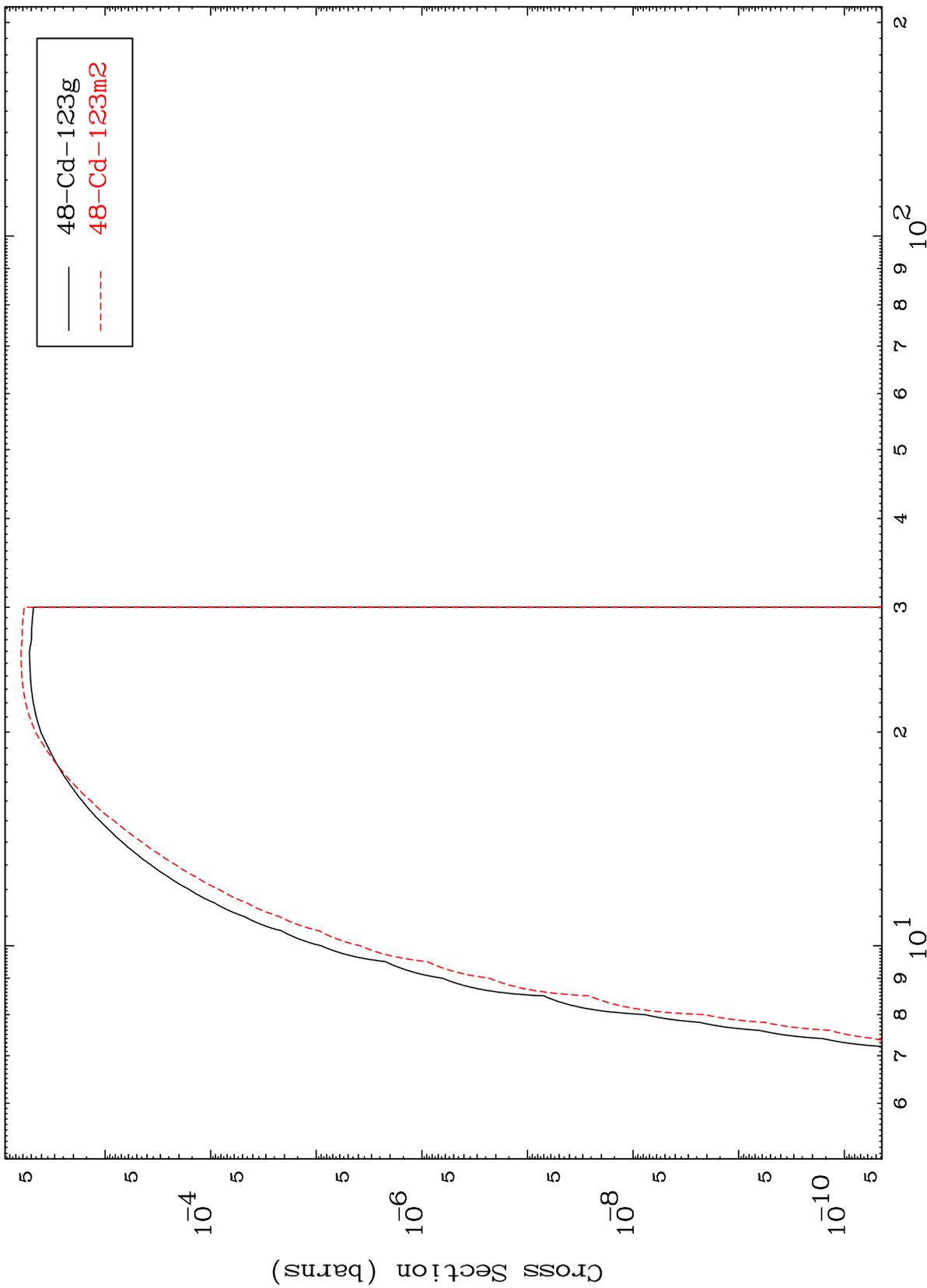
49-In-123



MAT 4955

49-In-123

(n,p)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

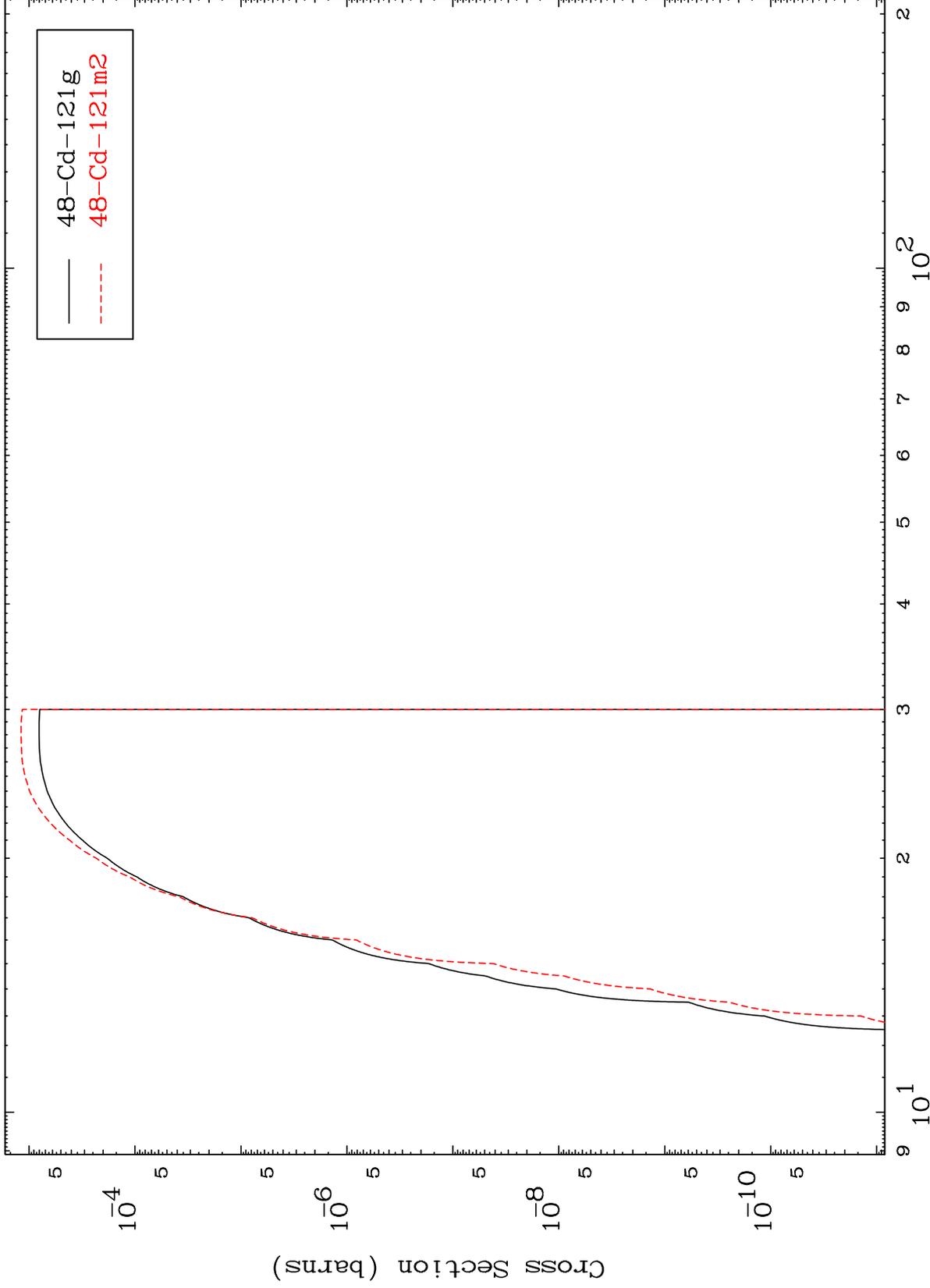
49-In-123

MAT 4955

(n,t)

49-In-123

Radionuclide Production Cross Section



138

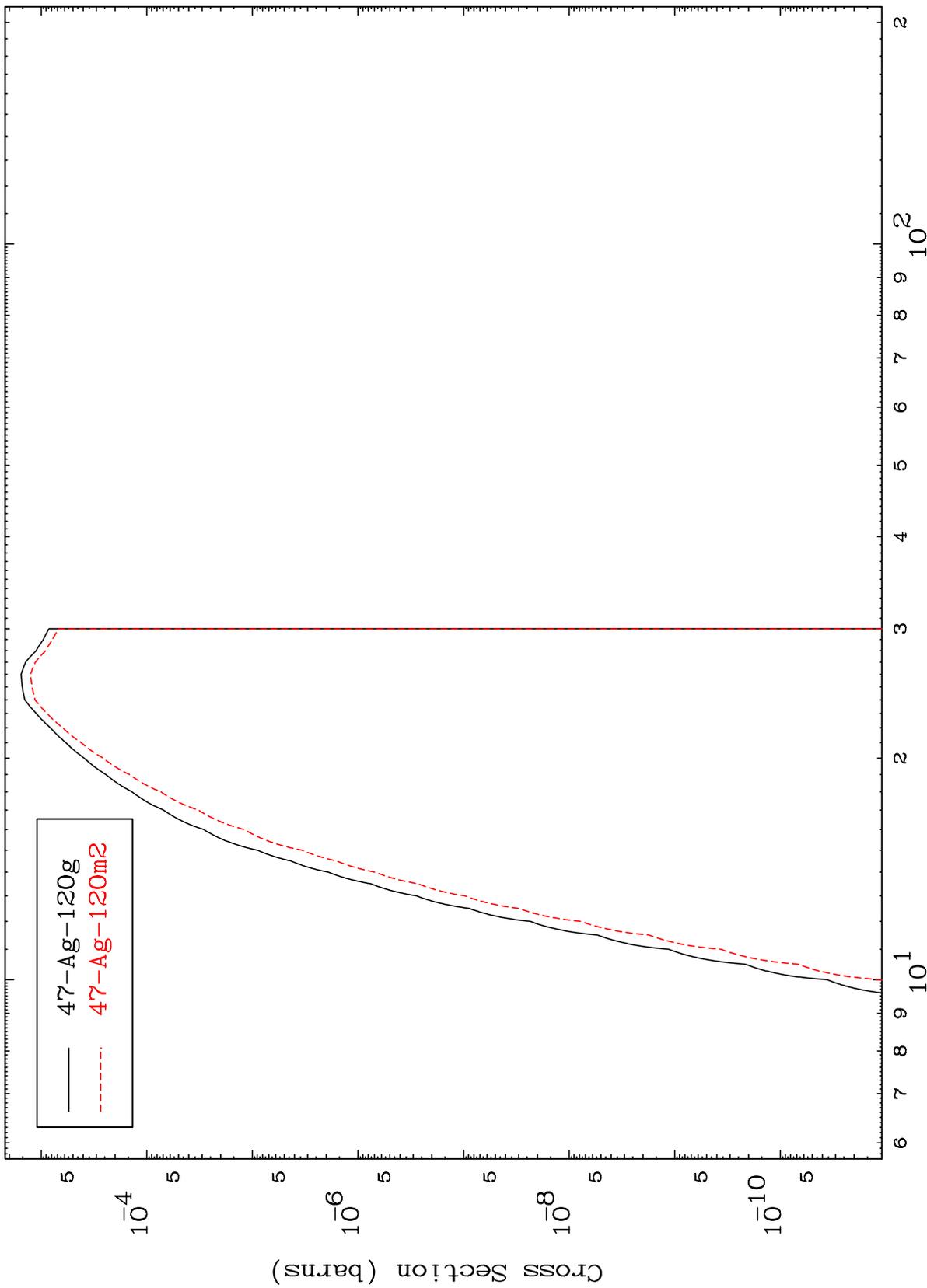
Incident Energy (MeV)

49-In-123

MAT 4955

49-In-123

Radionuclide Production Cross Section
(n, α)



— 47-Ag-120g
- - - 47-Ag-120m2

139

Incident Energy (MeV)

49-In-123