

Program EVALPLOT
(Version 2021-1)

by

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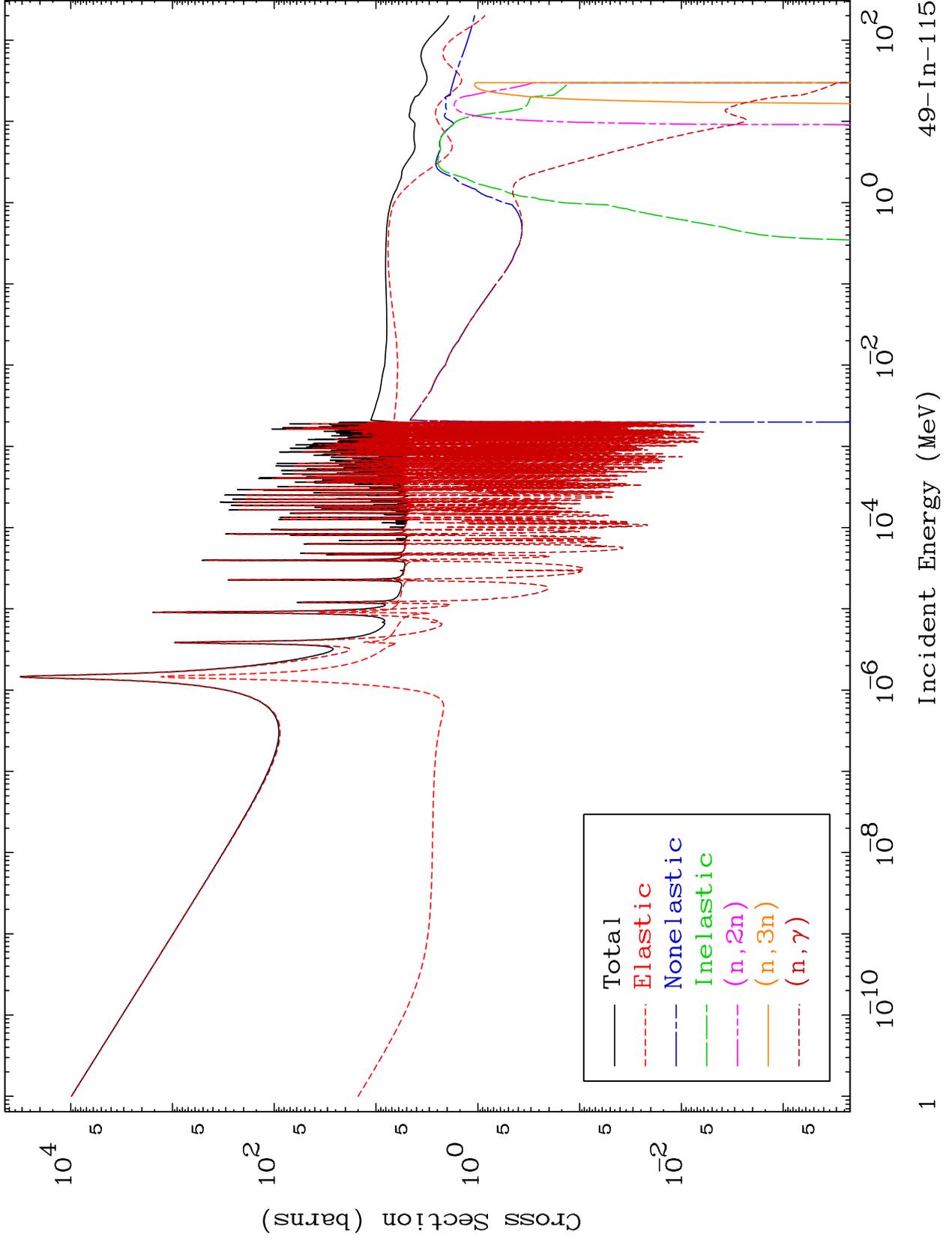
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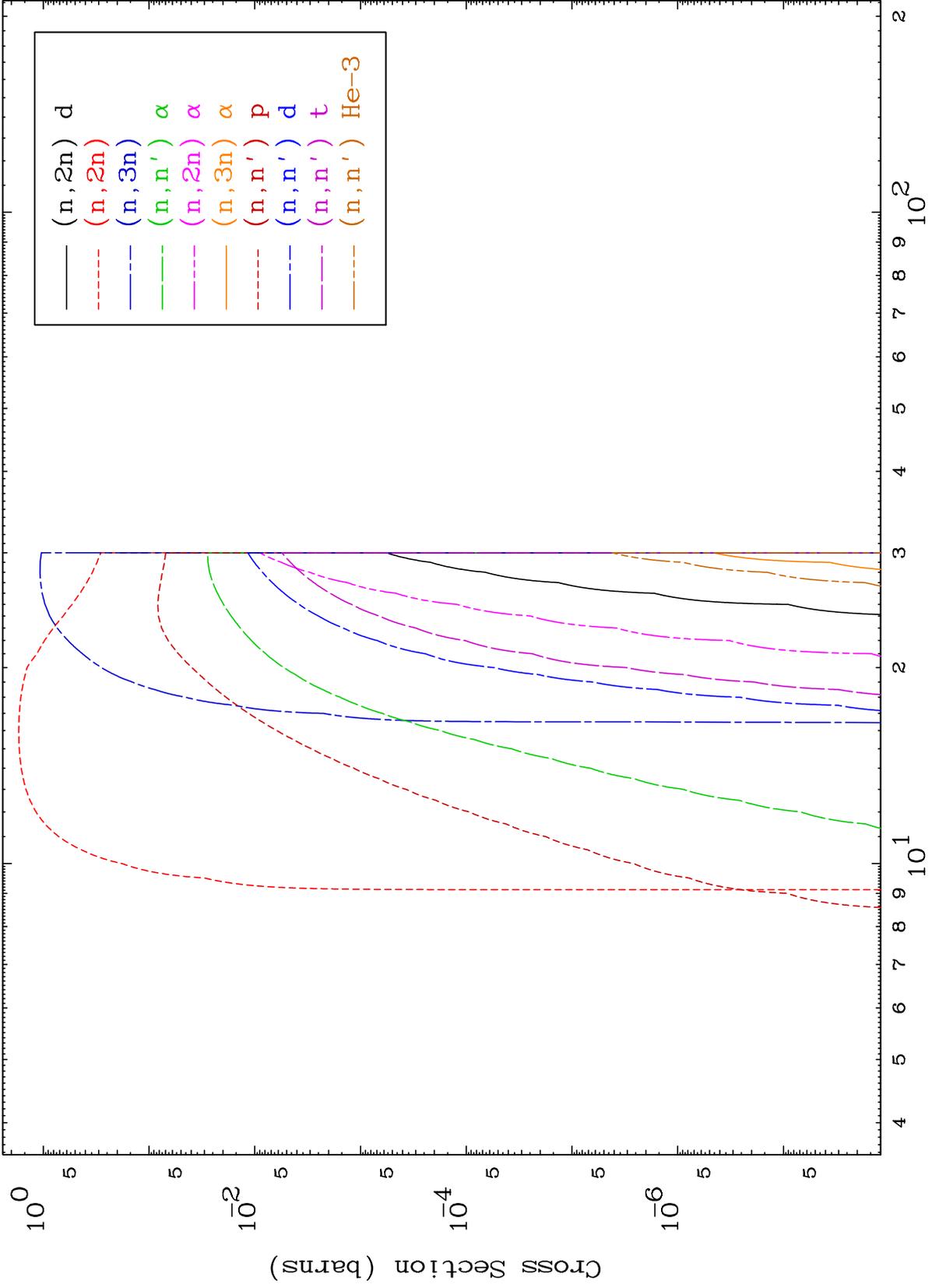
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MAT 4931

Neutron Major
293 Kelvin Cross Sections

49-In-115

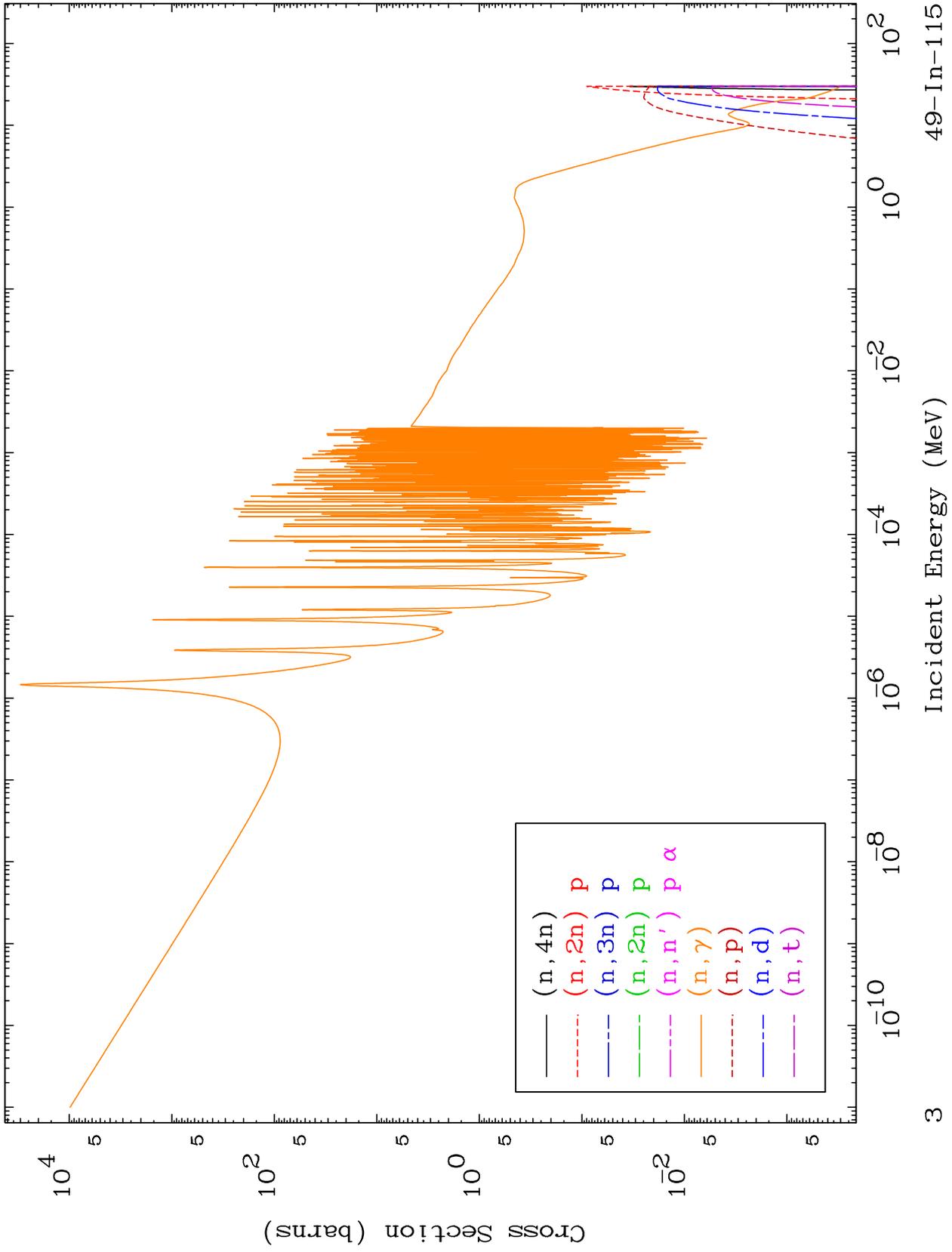




MAT 4931

Neutron Absorption
293 Kelvin Cross Sections

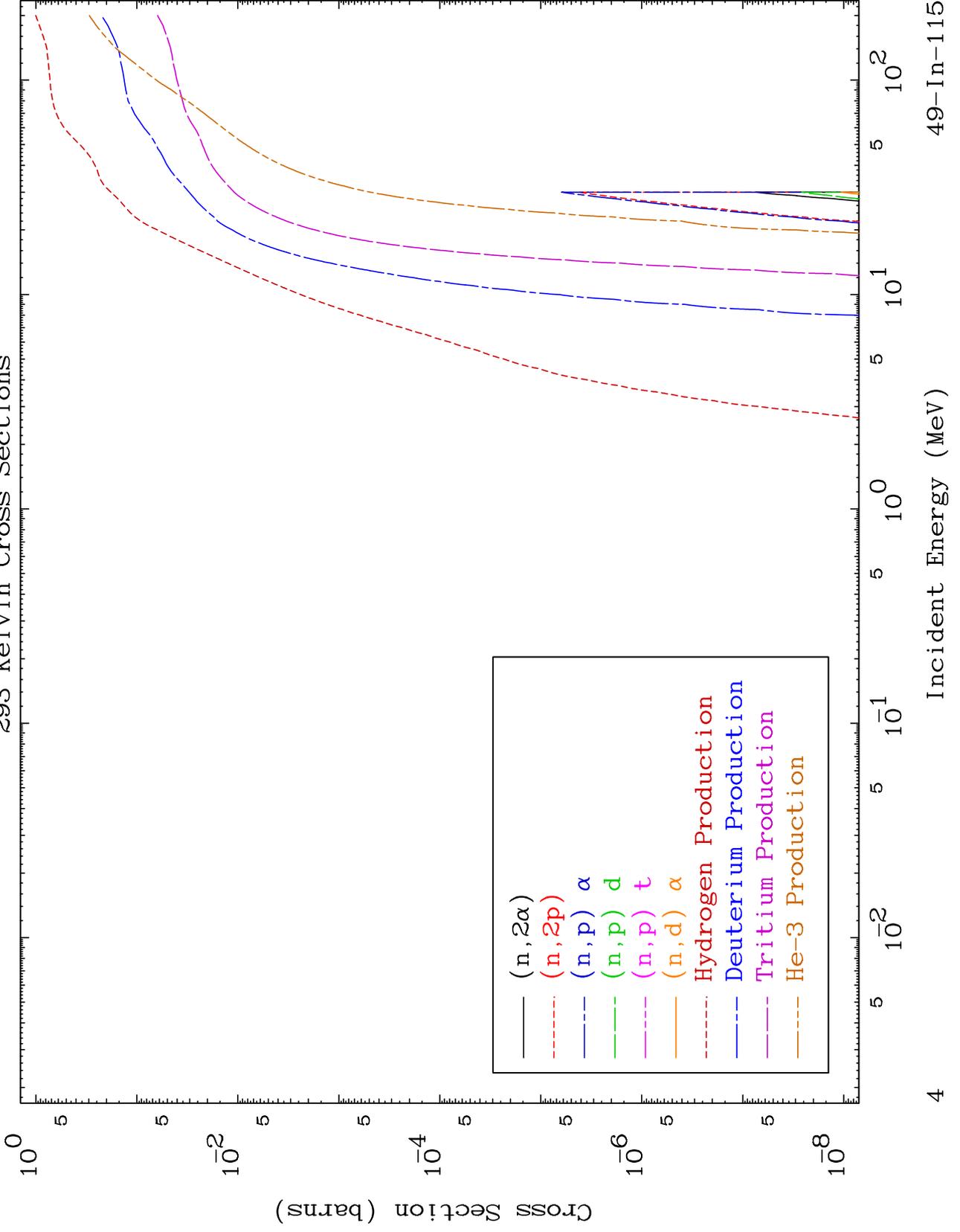
49-In-115



MAT 4931

Neutron Absorption
293 Kelvin Cross Sections

49-In-115

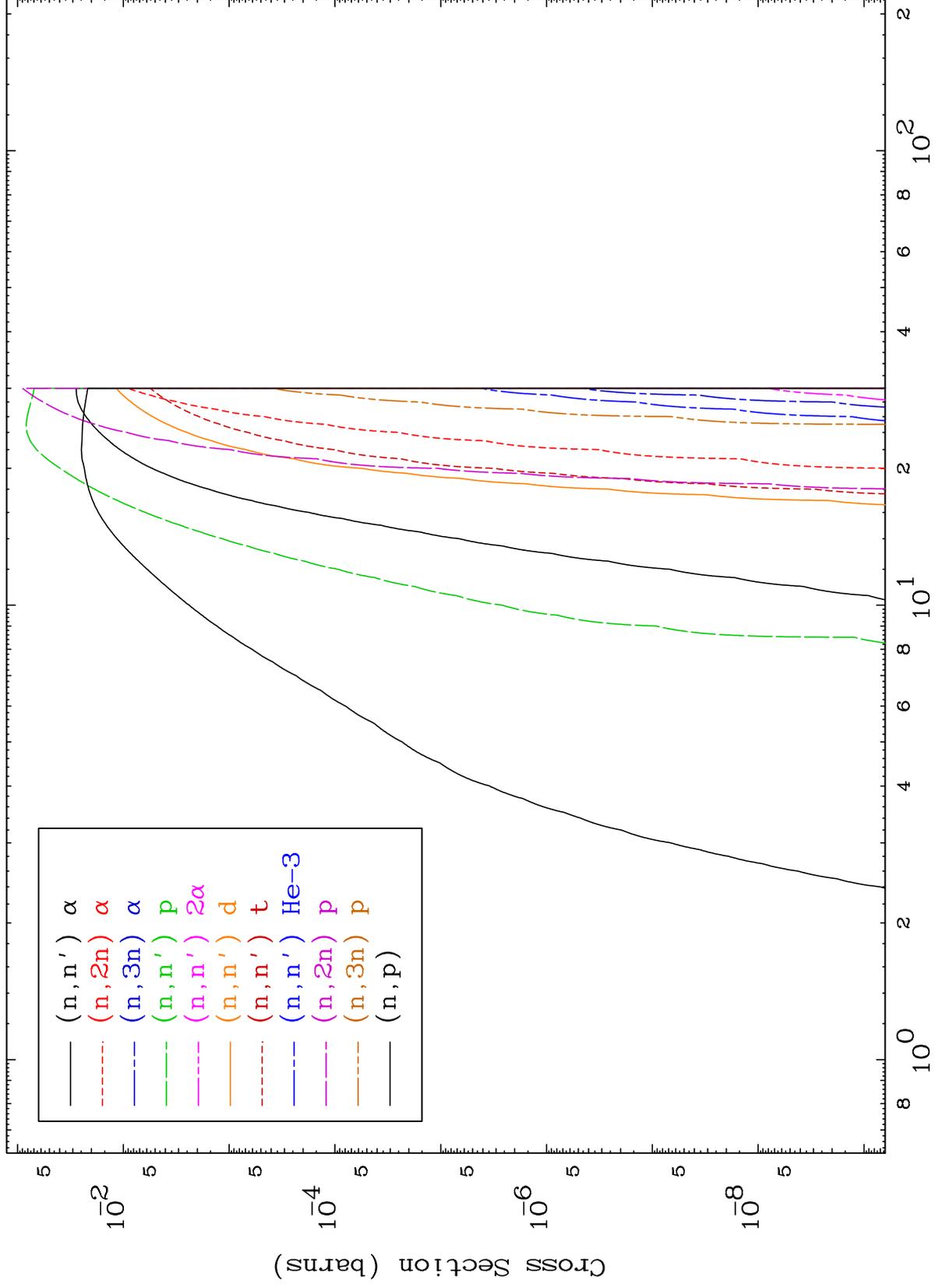


MAT 4931

Charged Particle

49-In-115

293 Kelvin Cross Sections



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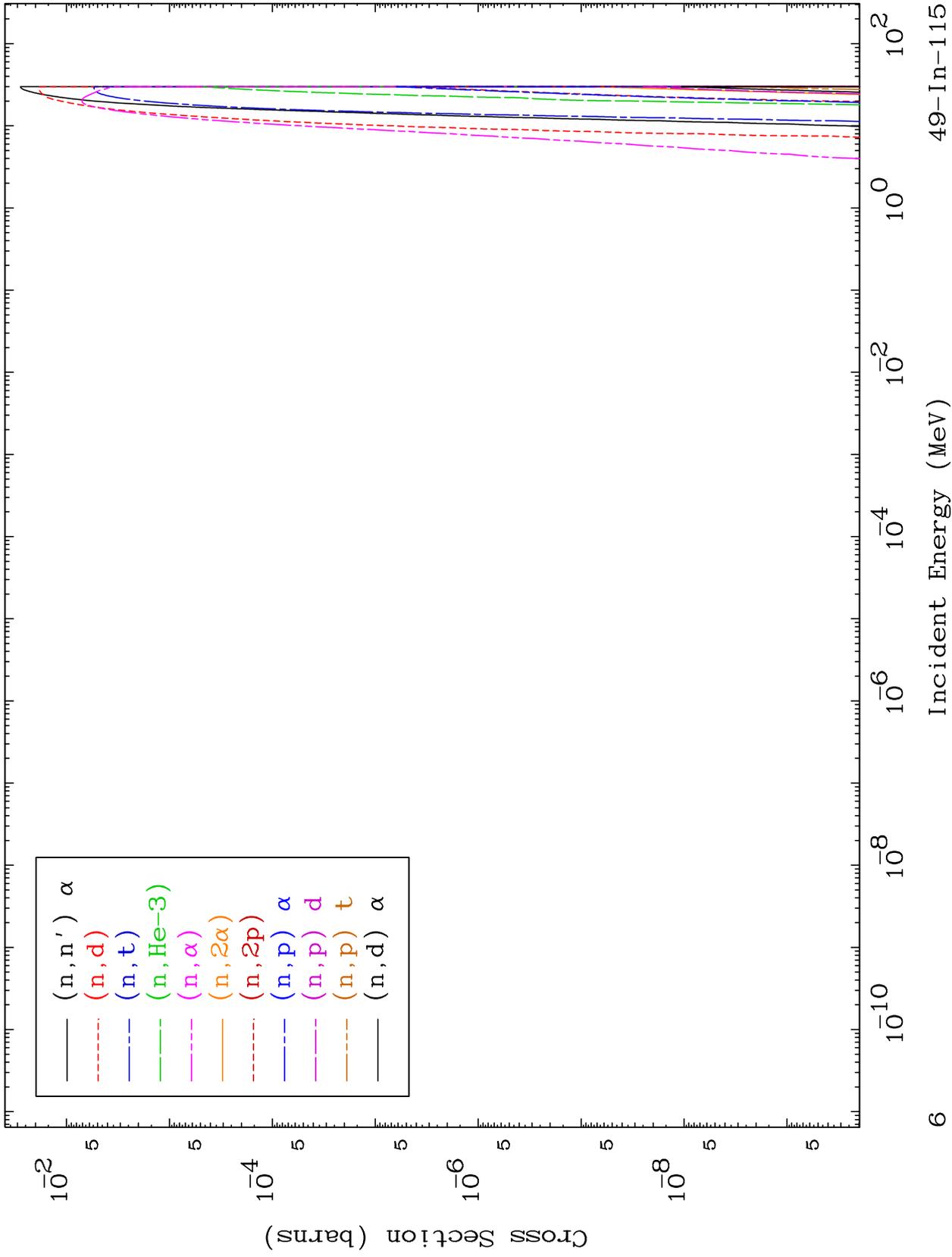
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49-In-115

MAT 4931

Charged Particle
293 Kelvin Cross Sections

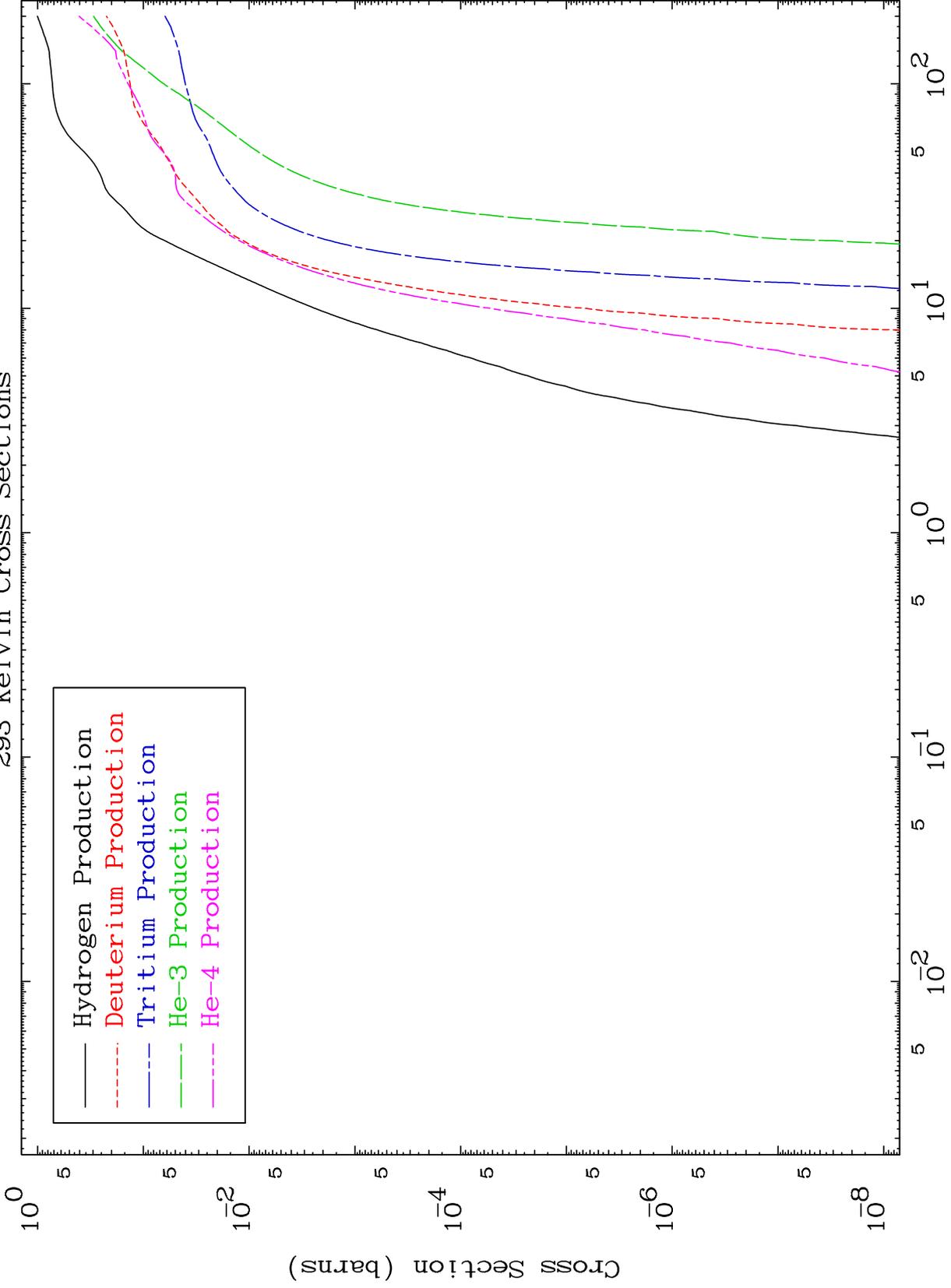
49-In-115



MAT 4931

Particle Production
293 Kelvin Cross Sections

49-In-115

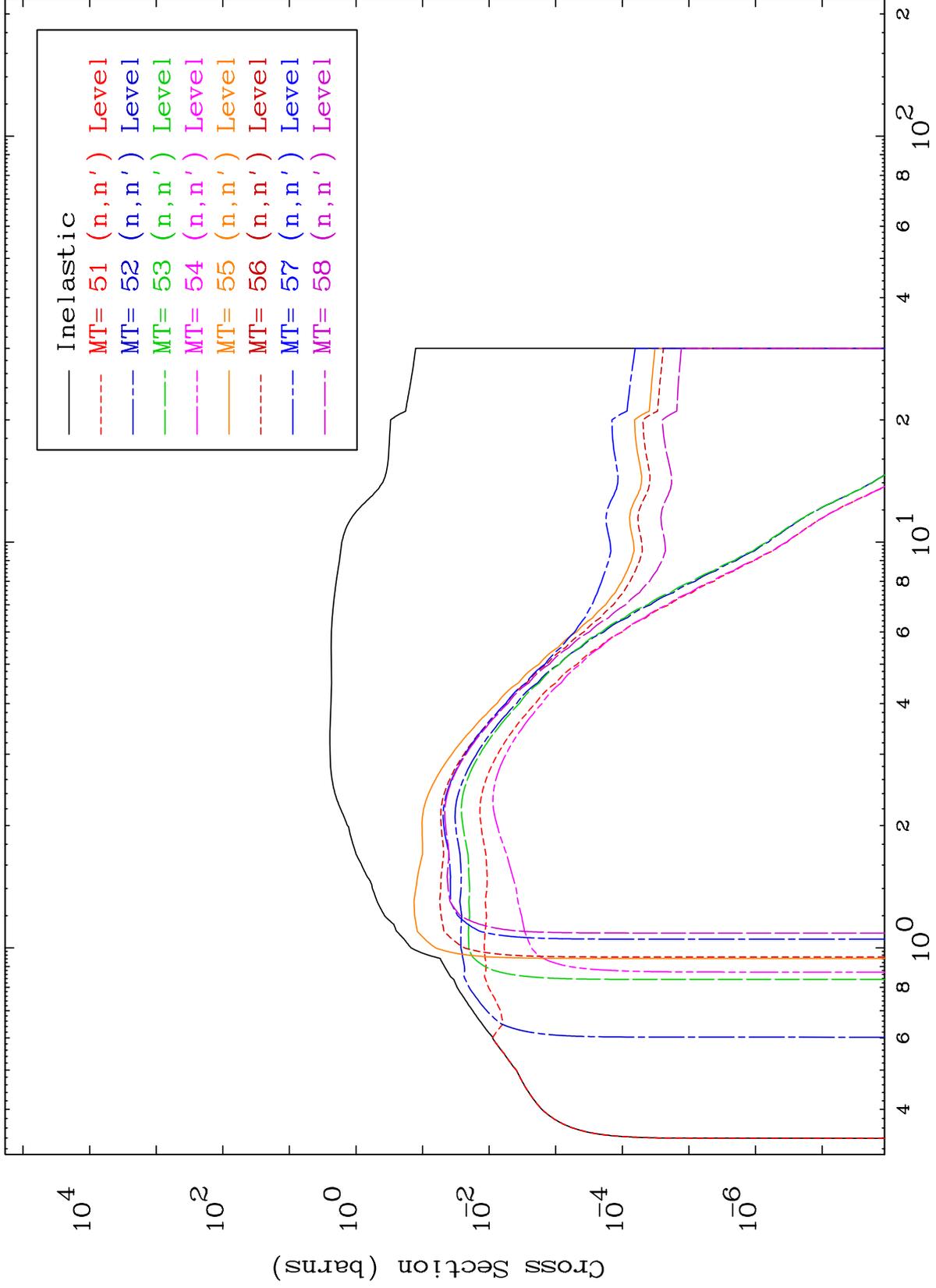


MAT 4931

(n,n') Levels

49-In-115

293 Kelvin Cross Sections



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Incident Energy (MeV)

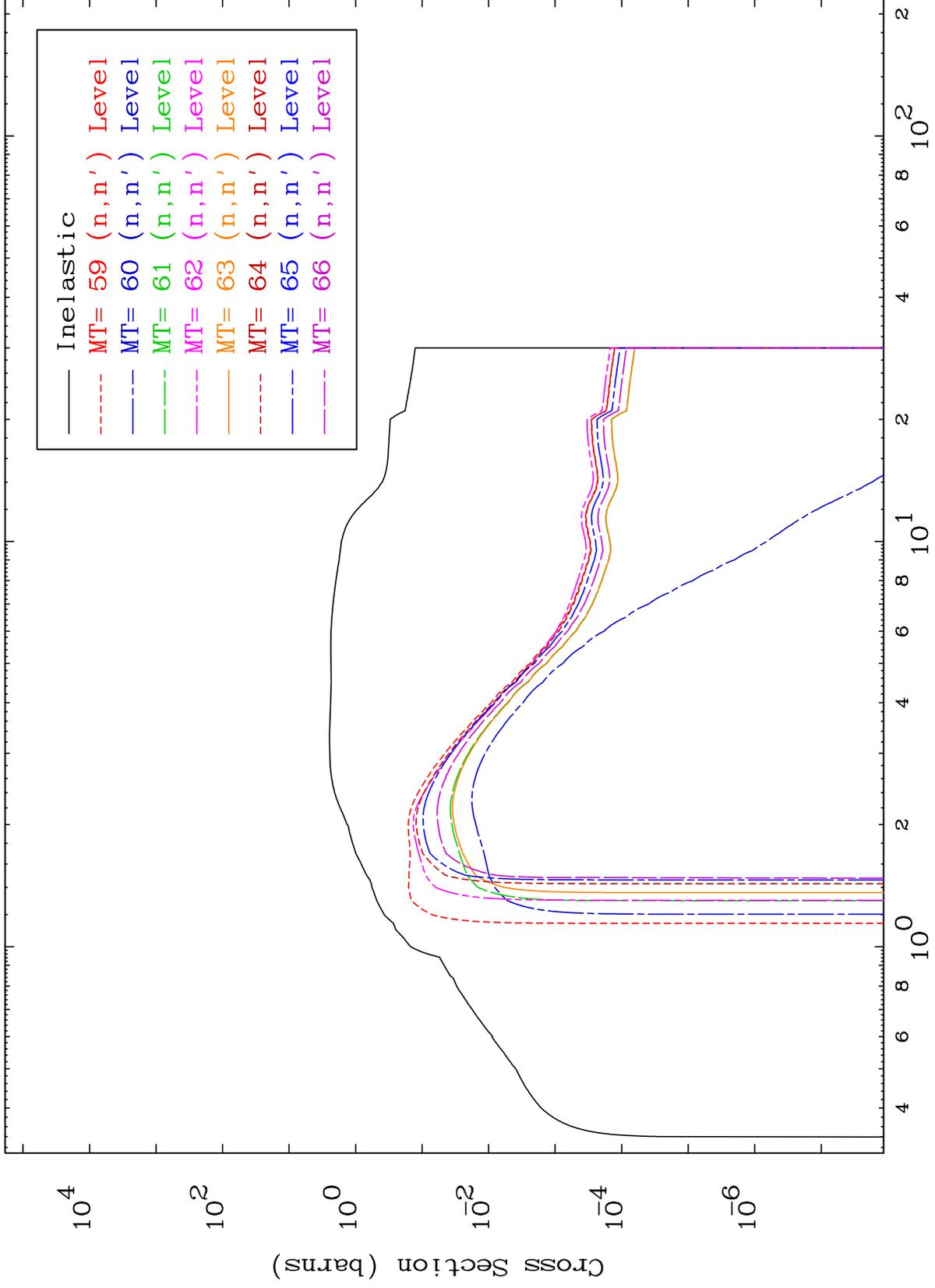
49-In-115

MAT 4931

(n,n') Levels

49-In-115

293 Kelvin Cross Sections

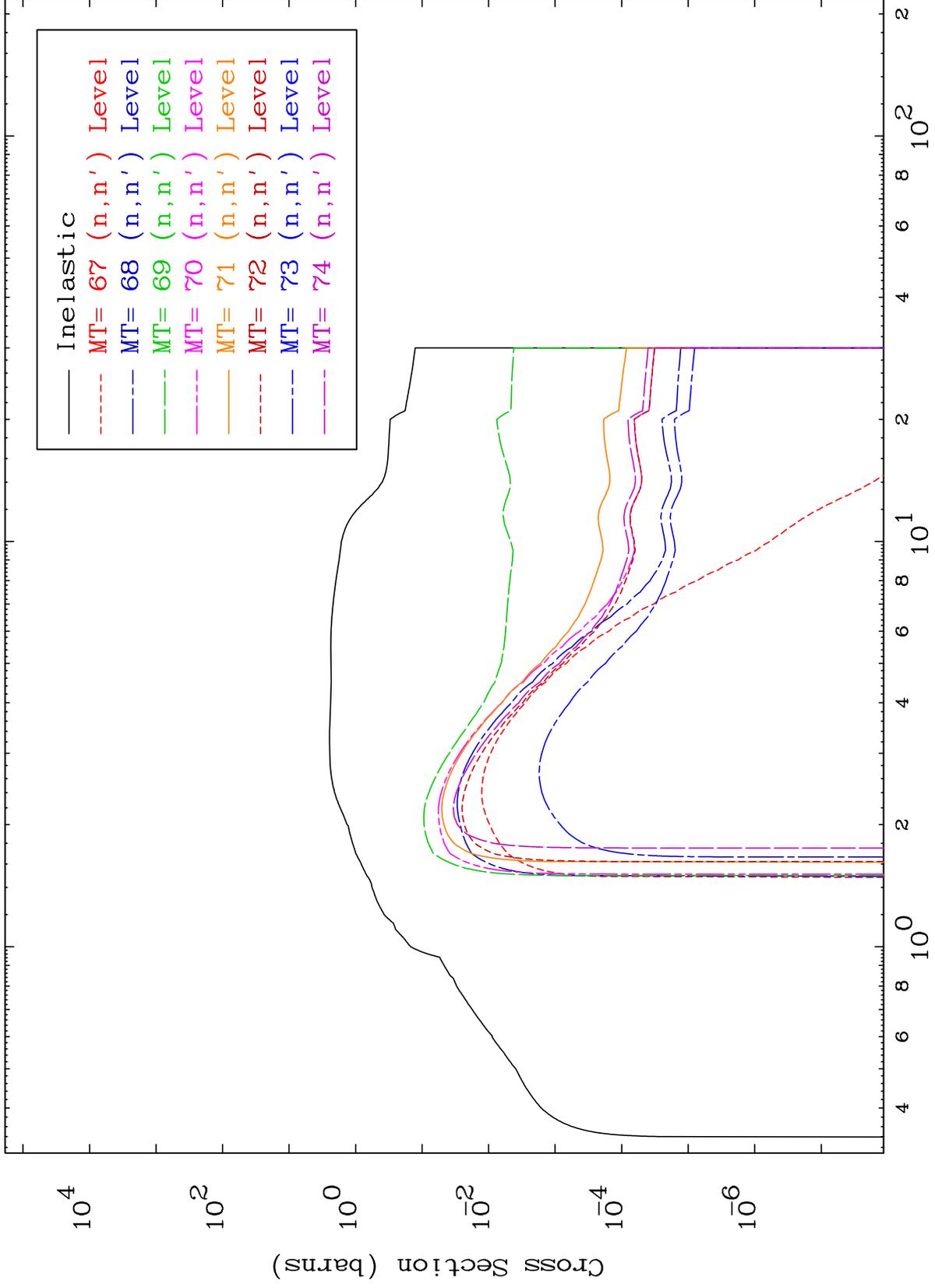


MAT 4931

(n,n') Levels

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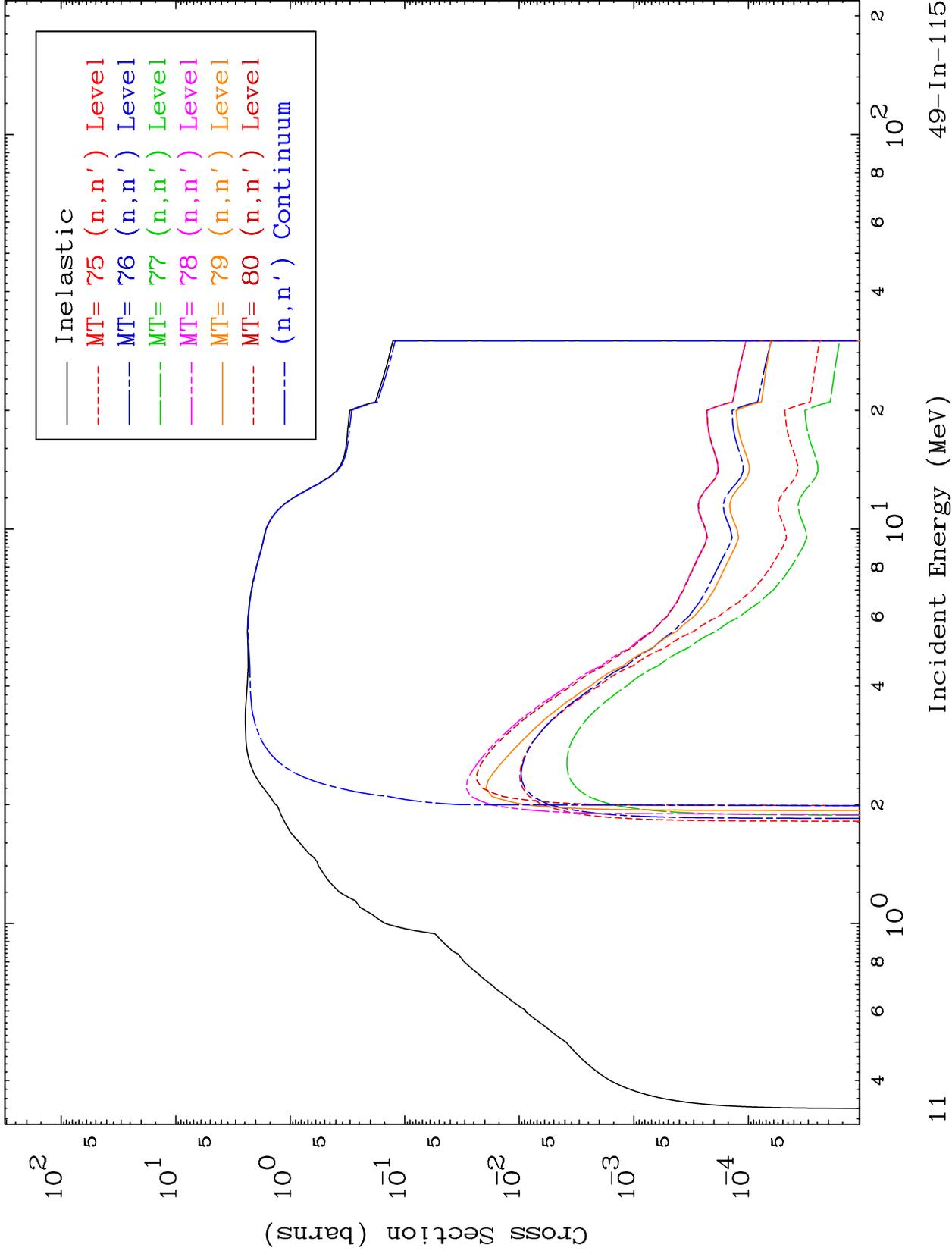
293 Kelvin Cross Sections



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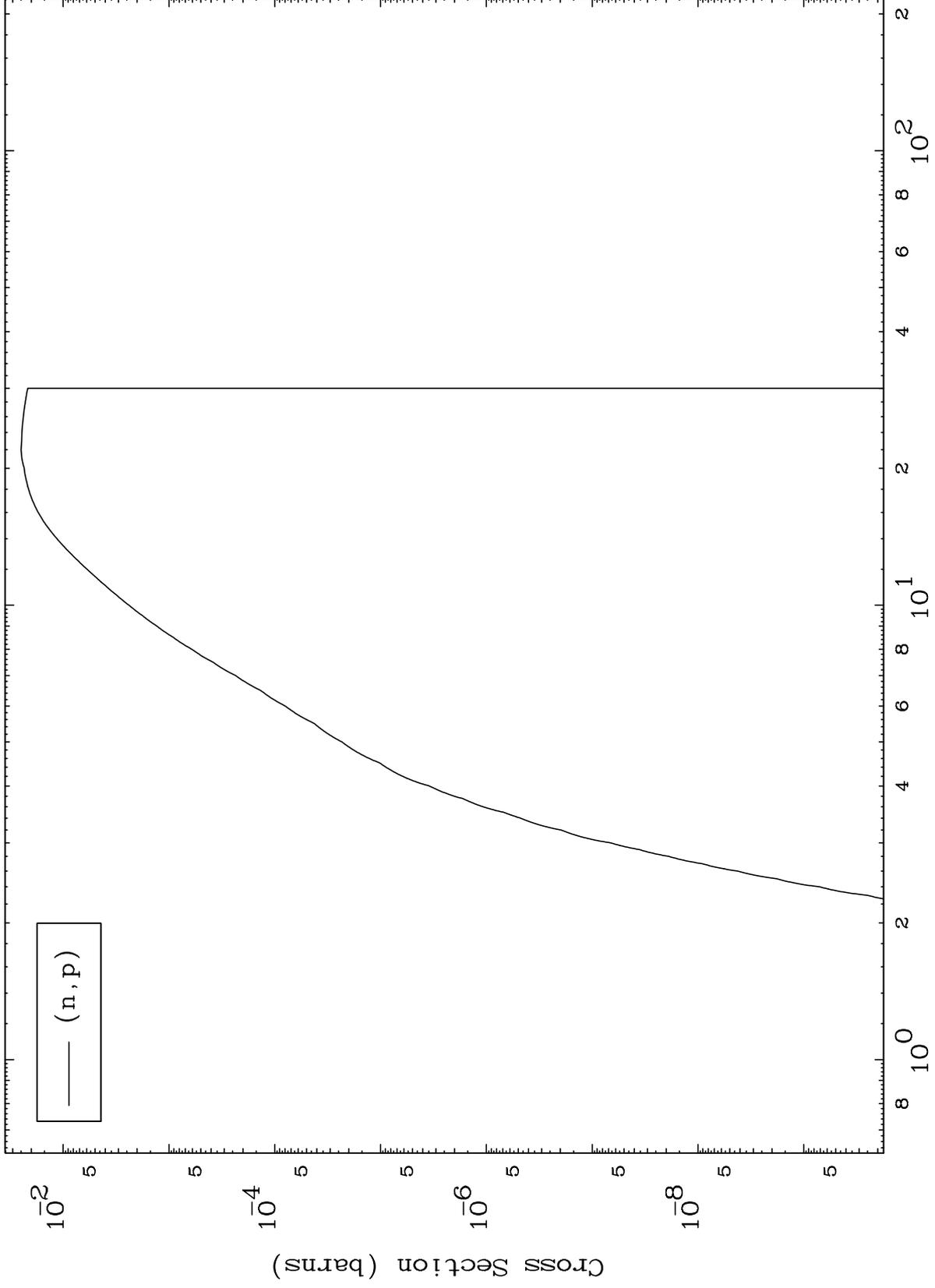
49-In-115



MAT 4931

(n,p) Levels
293 Kelvin Cross Sections

49-In-115



12

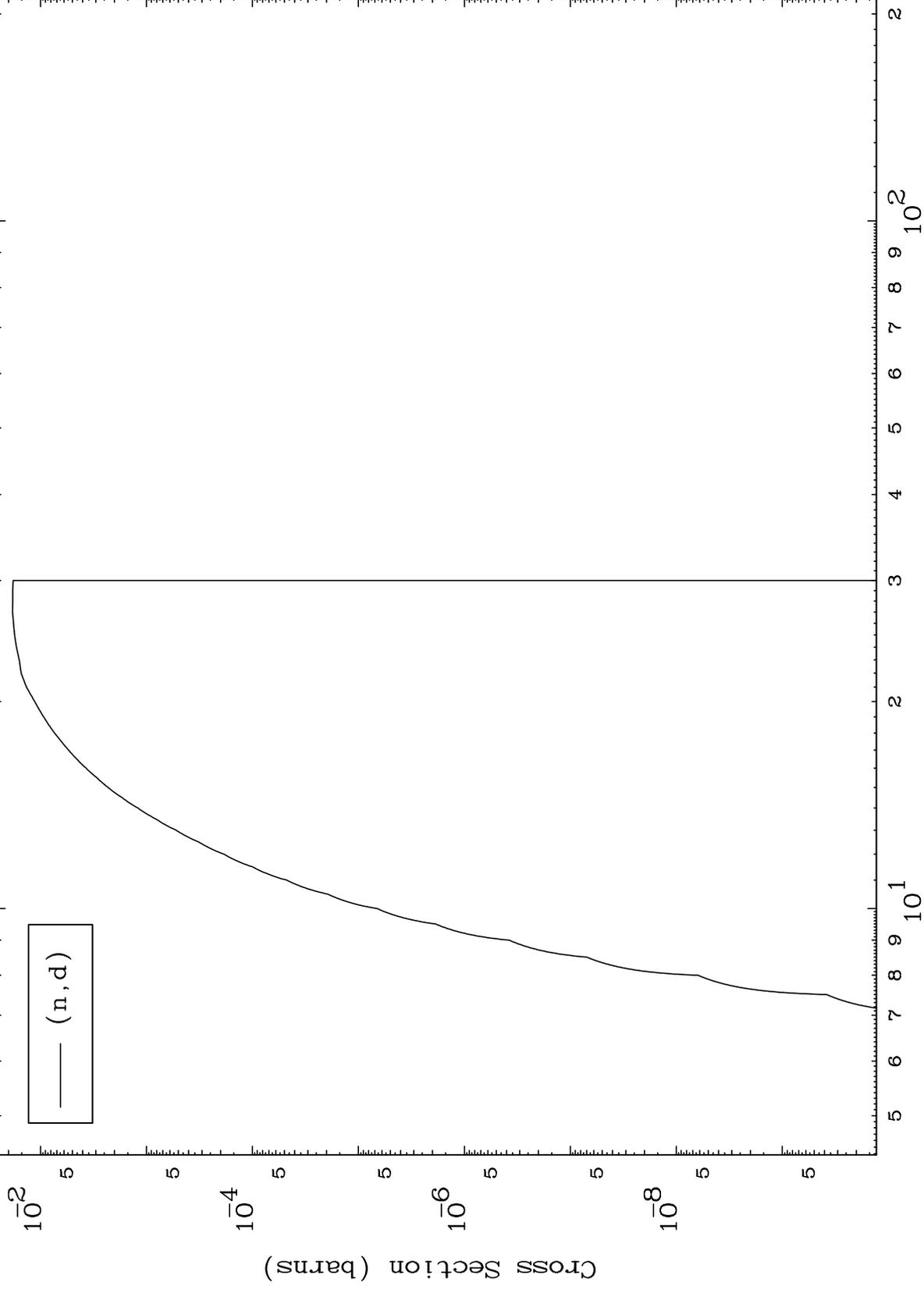
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49-In-115

MAT 4931

(n,d) Levels
293 Kelvin Cross Sections

49-In-115



13

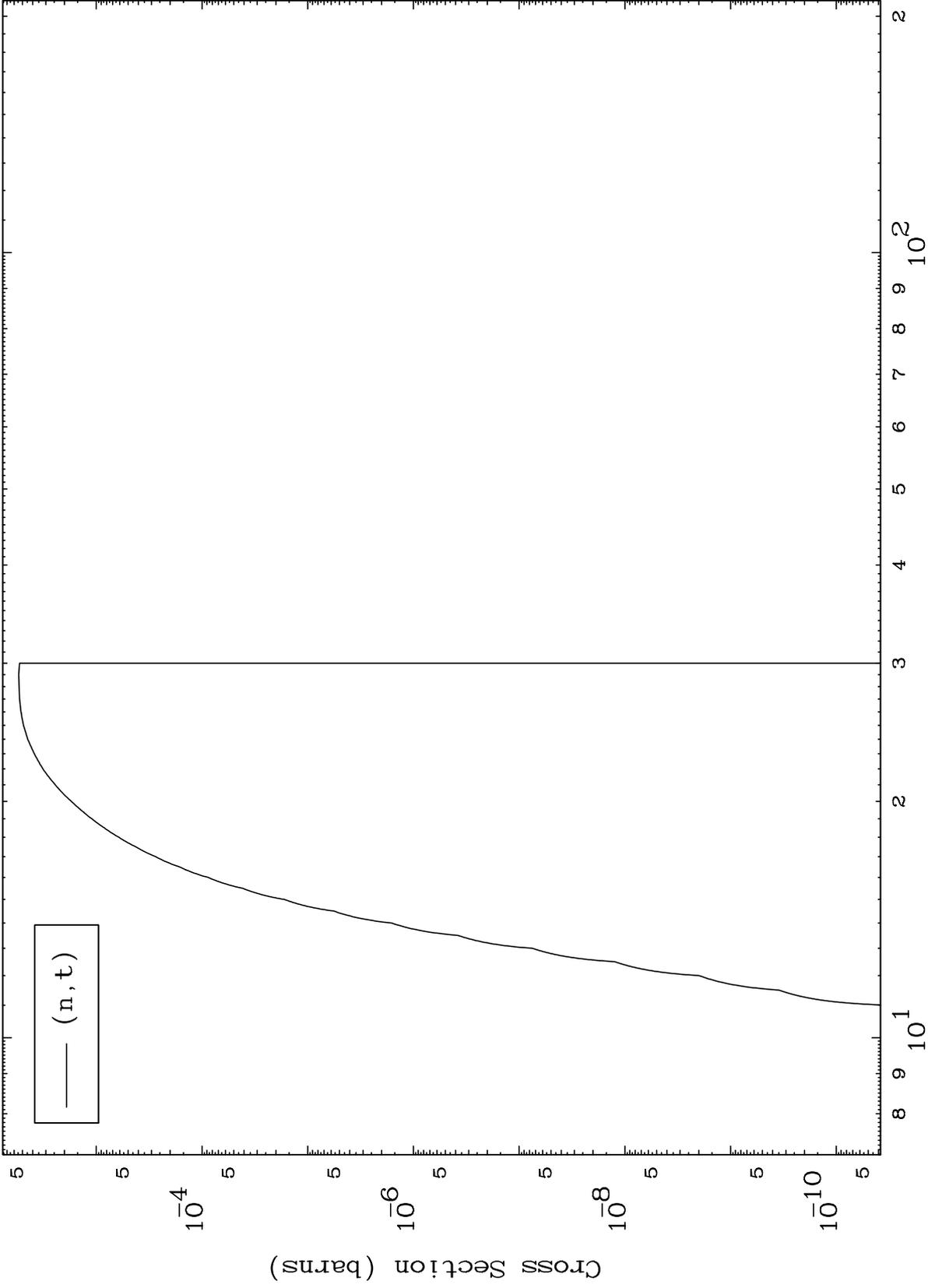
Incident Energy (MeV)

49-In-115

MAT 4931

(n,t) Levels
293 Kelvin Cross Sections

49-In-115



14

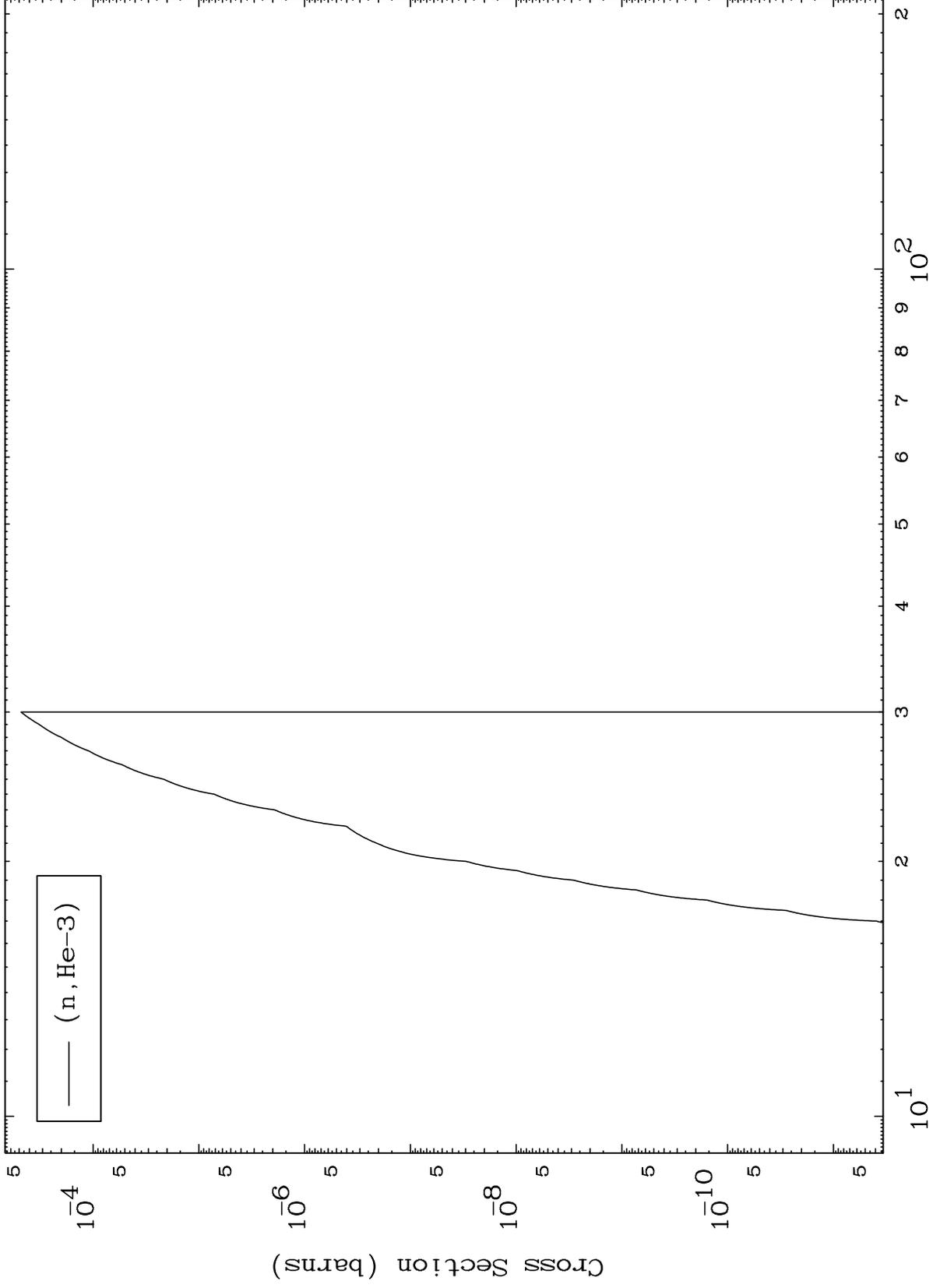
Incident Energy (MeV)

49-In-115

MAT 4931

(n,He3) Levels
293 Kelvin Cross Sections

49-In-115



15

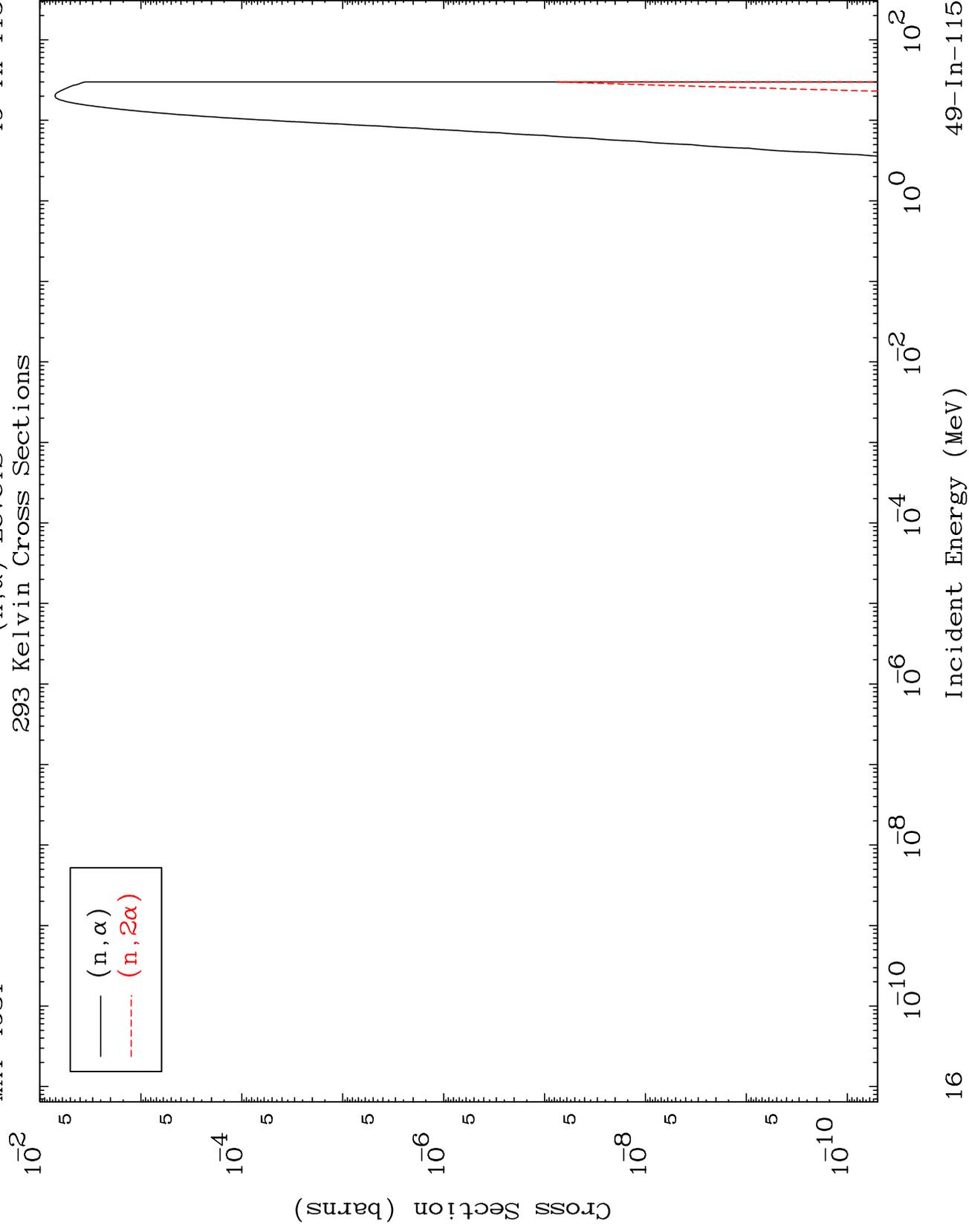
Incident Energy (MeV)

49-In-115

MAT 4931

(n, α) Levels
293 Kelvin Cross Sections

49-In-115

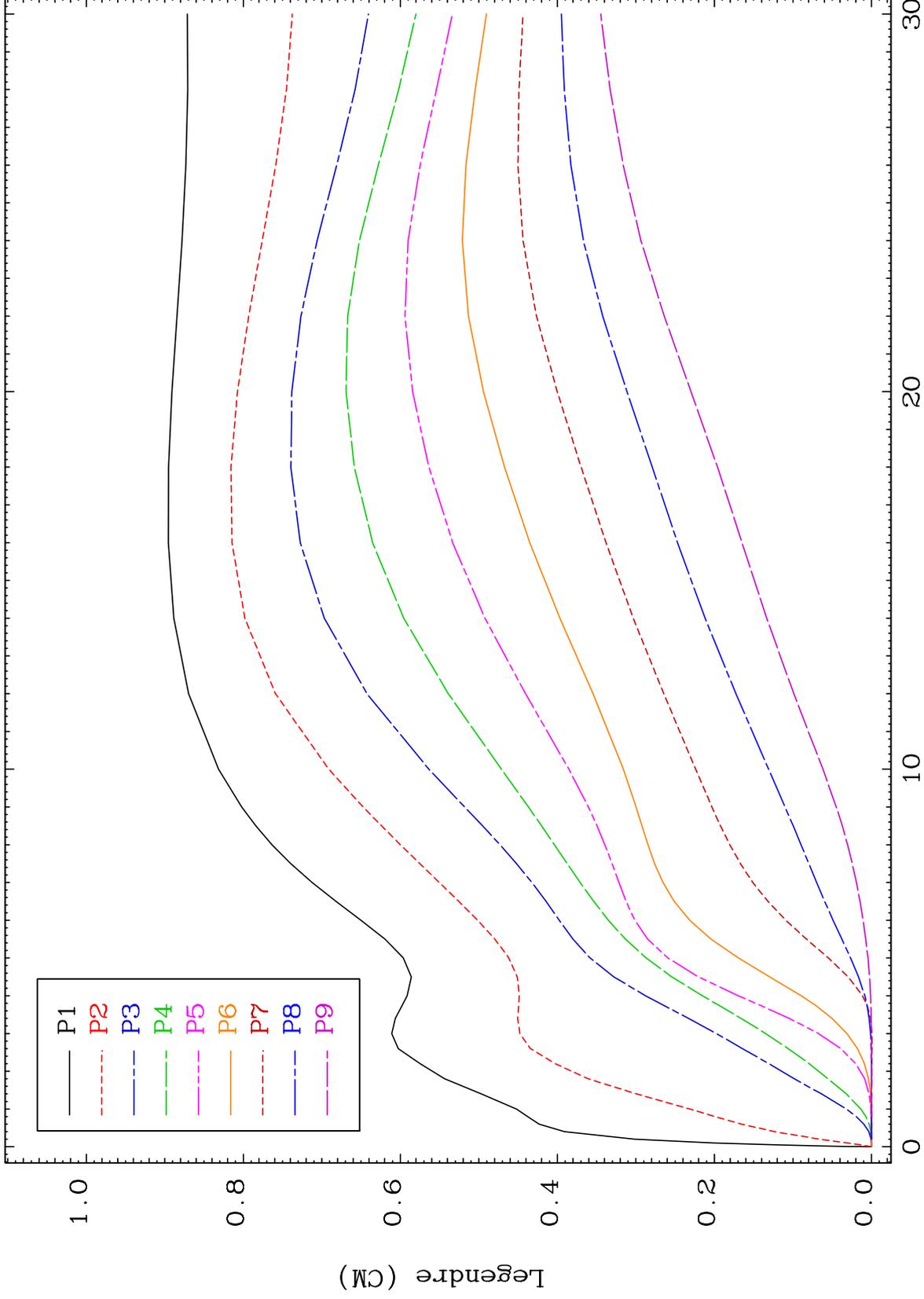


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MAT 4931

Elastic Legendre Coefficients

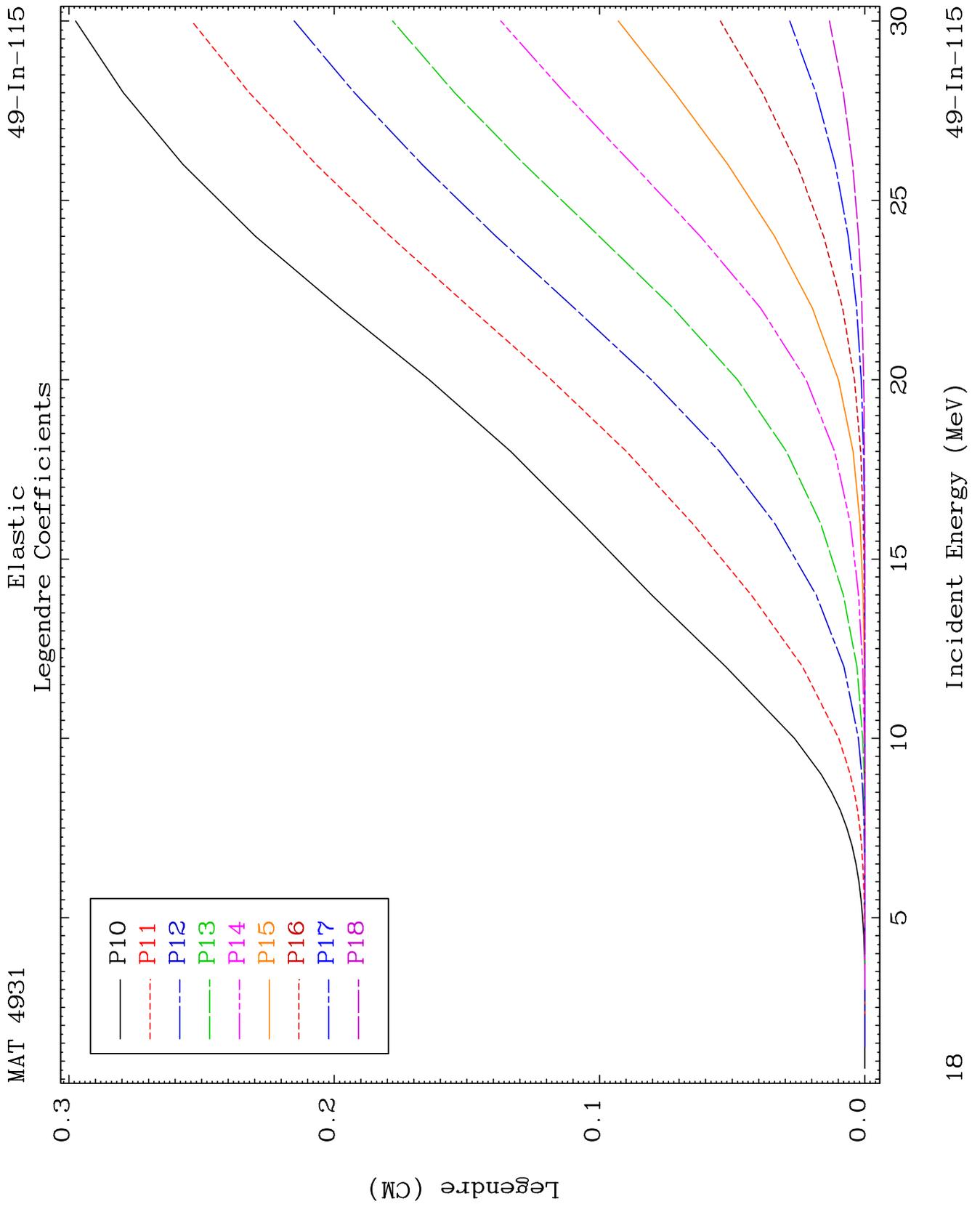
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Incident Energy (MeV)

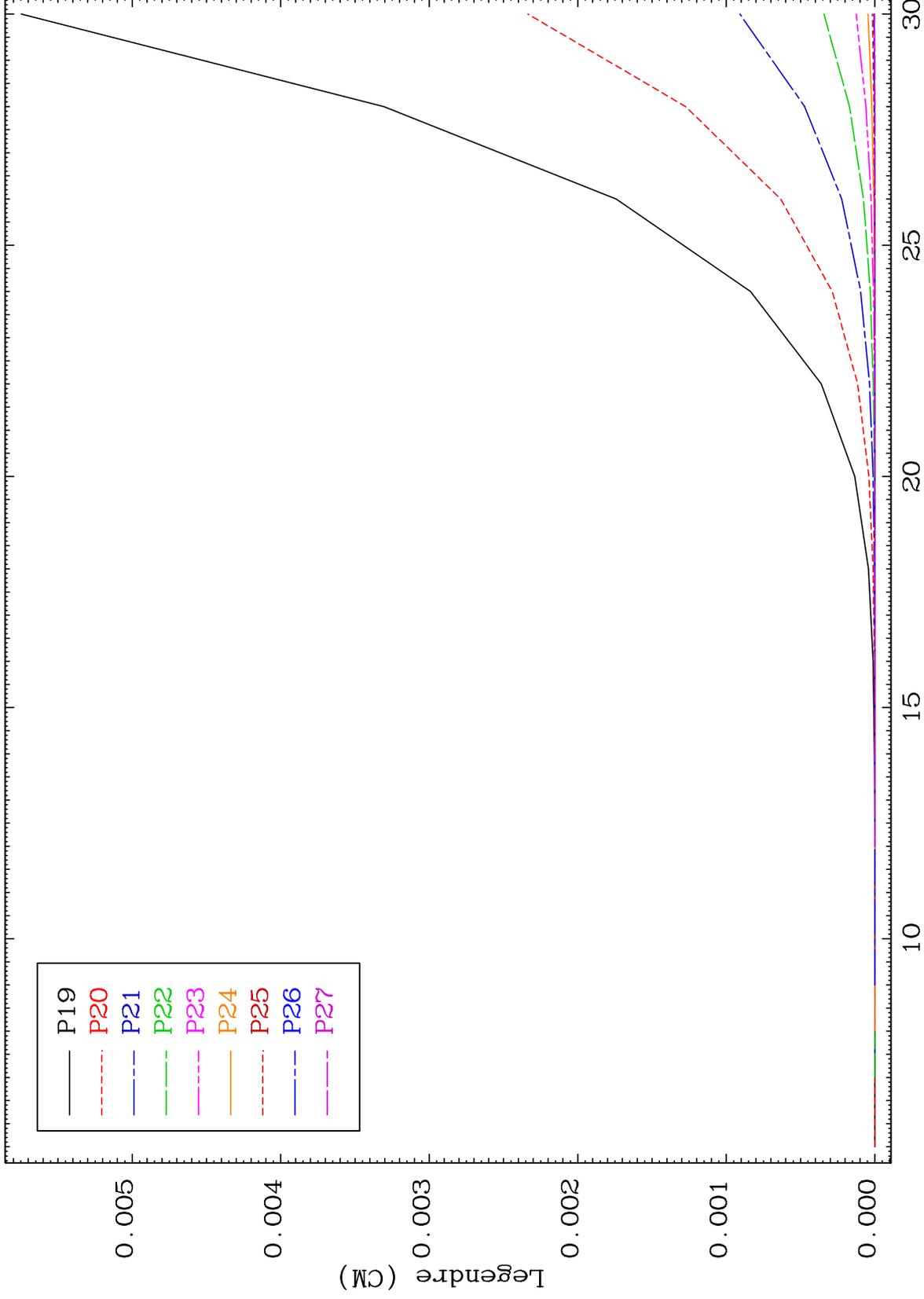
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MAT 4931

Elastic
Legendre Coefficients

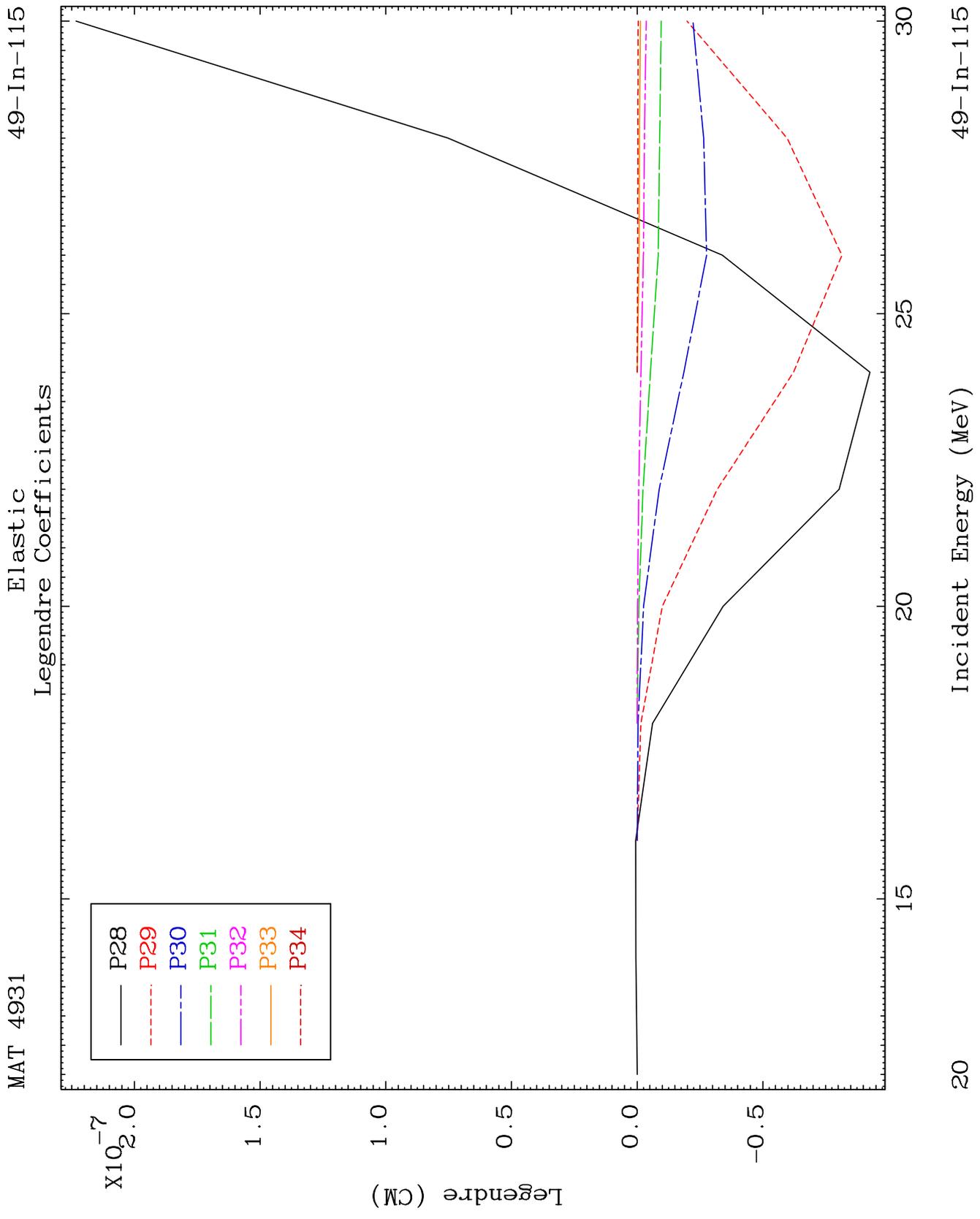
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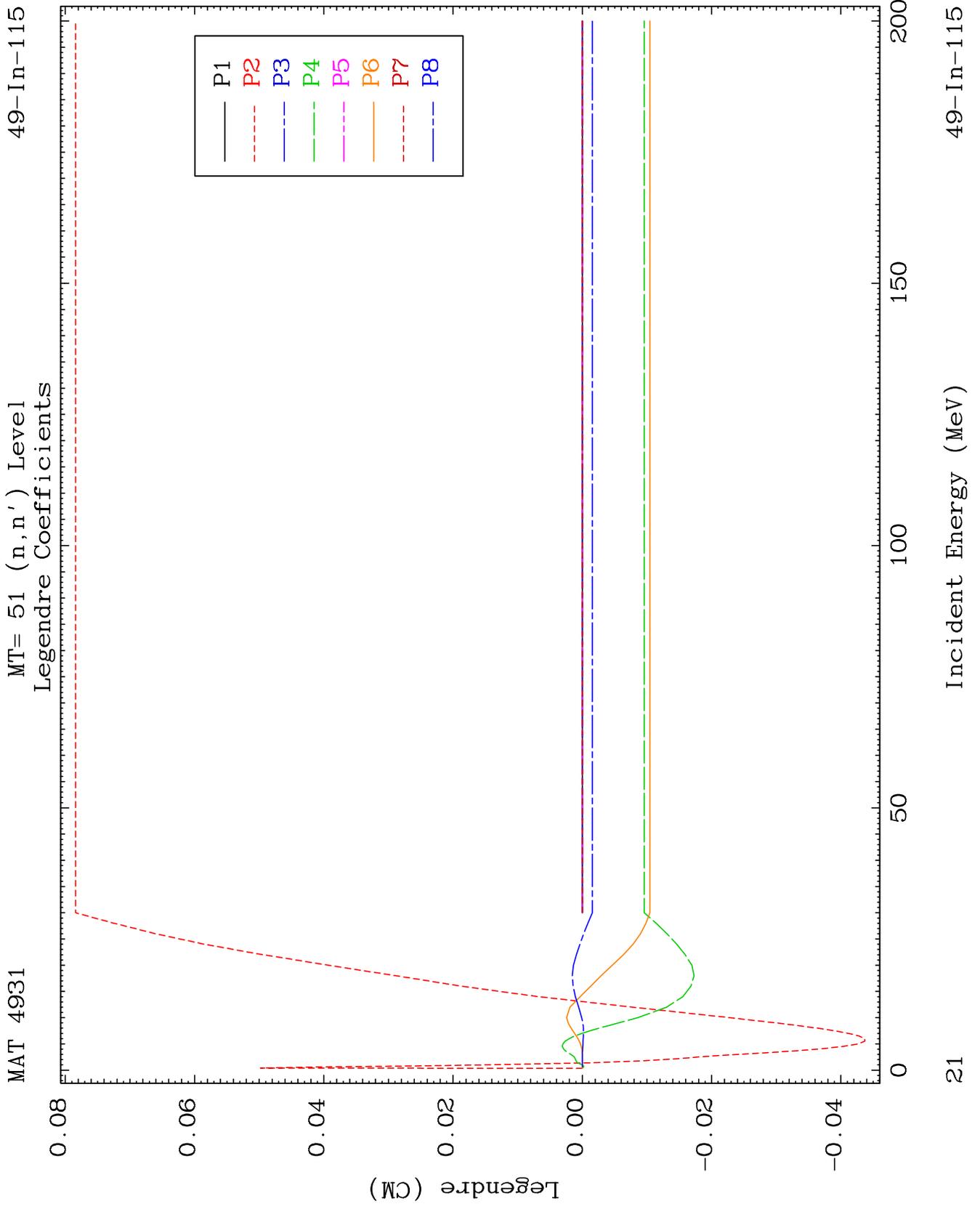


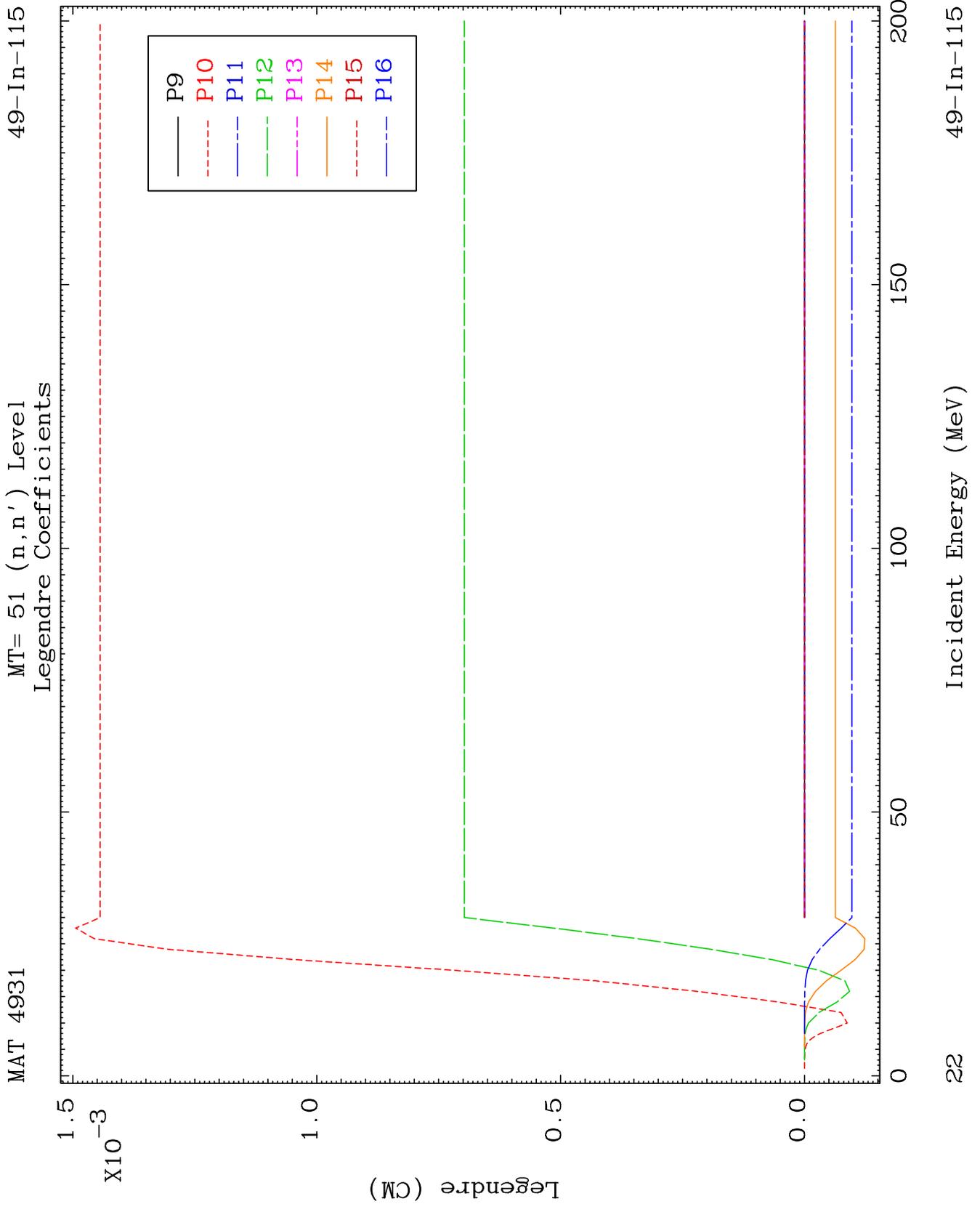
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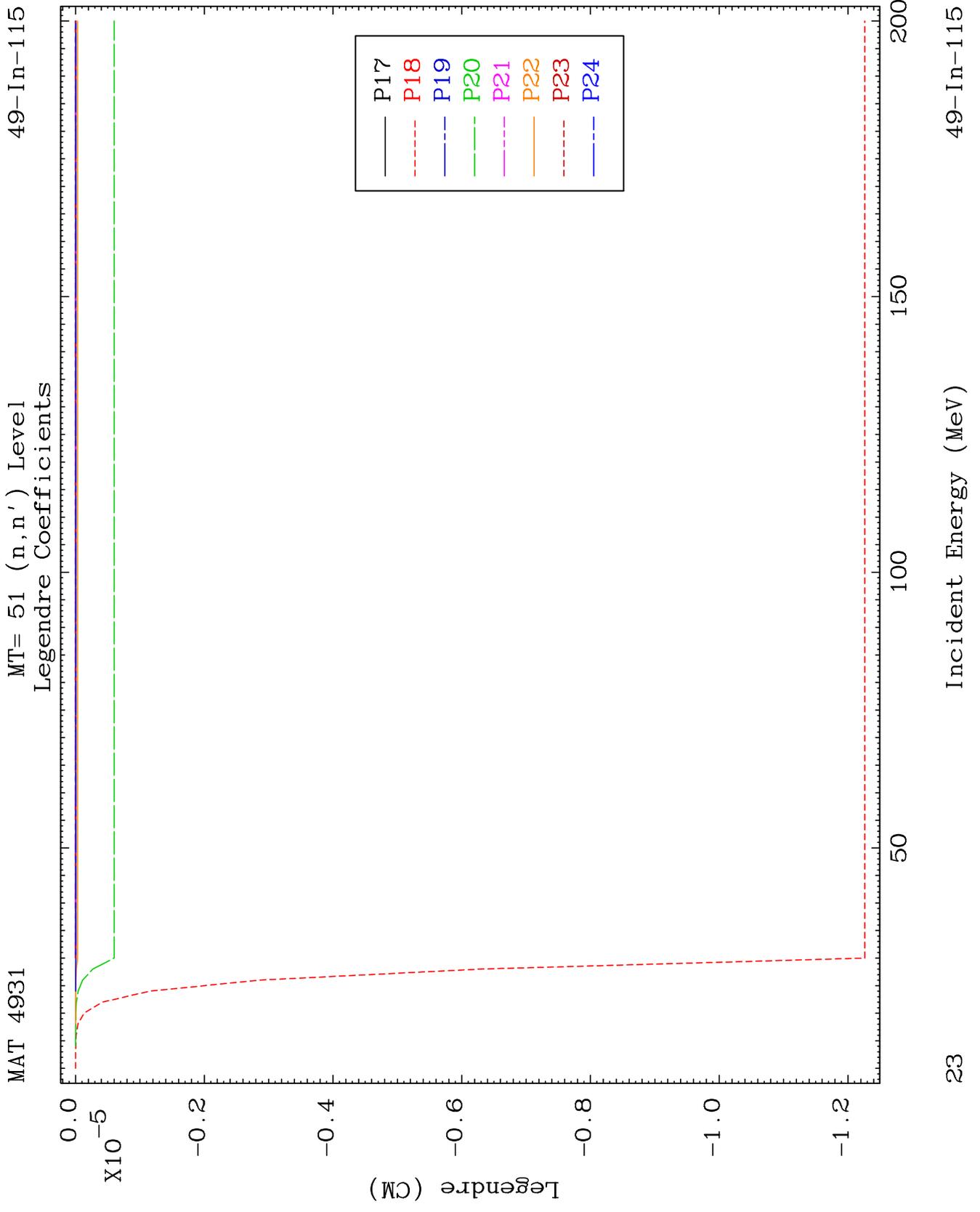
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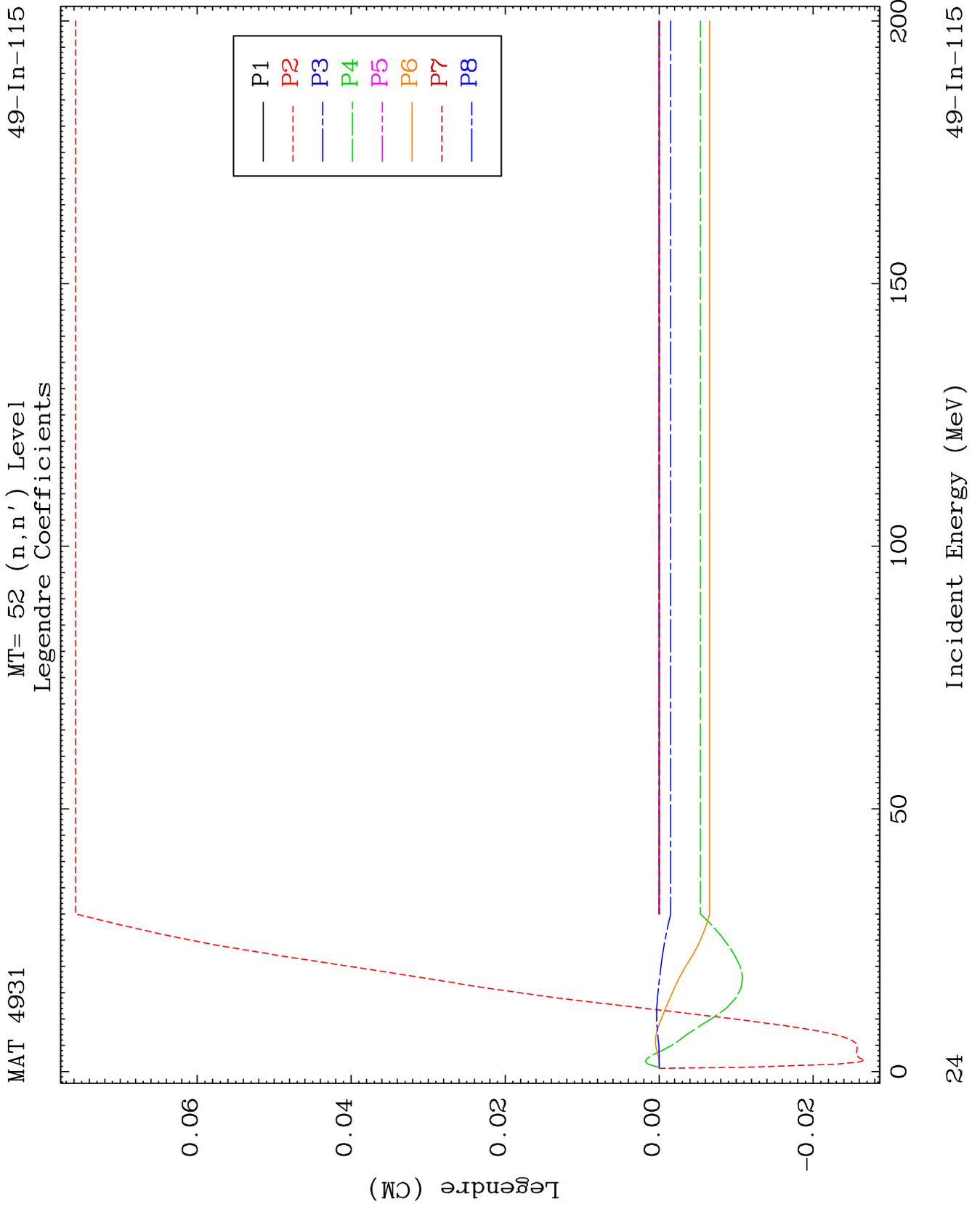
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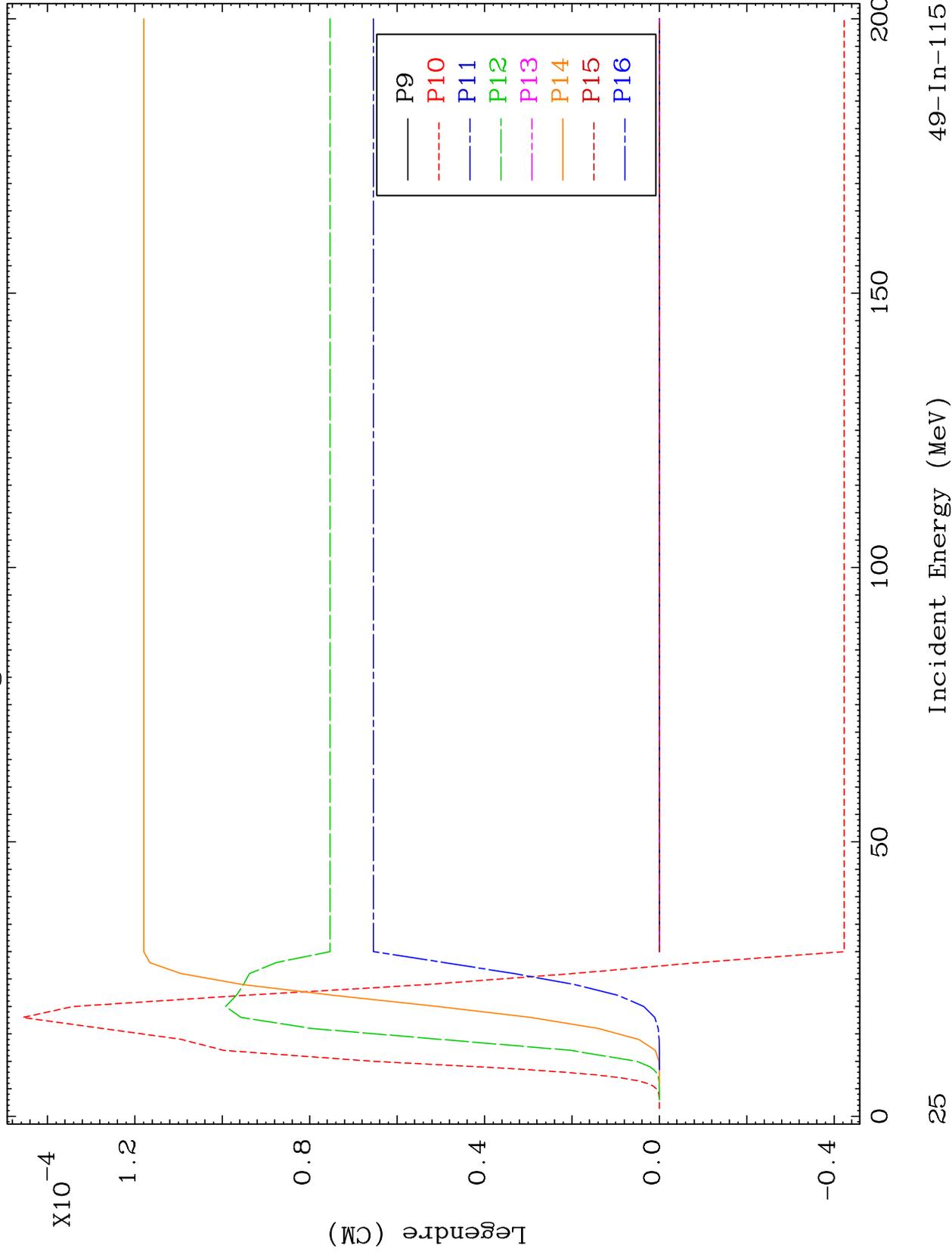




MAT 4931

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

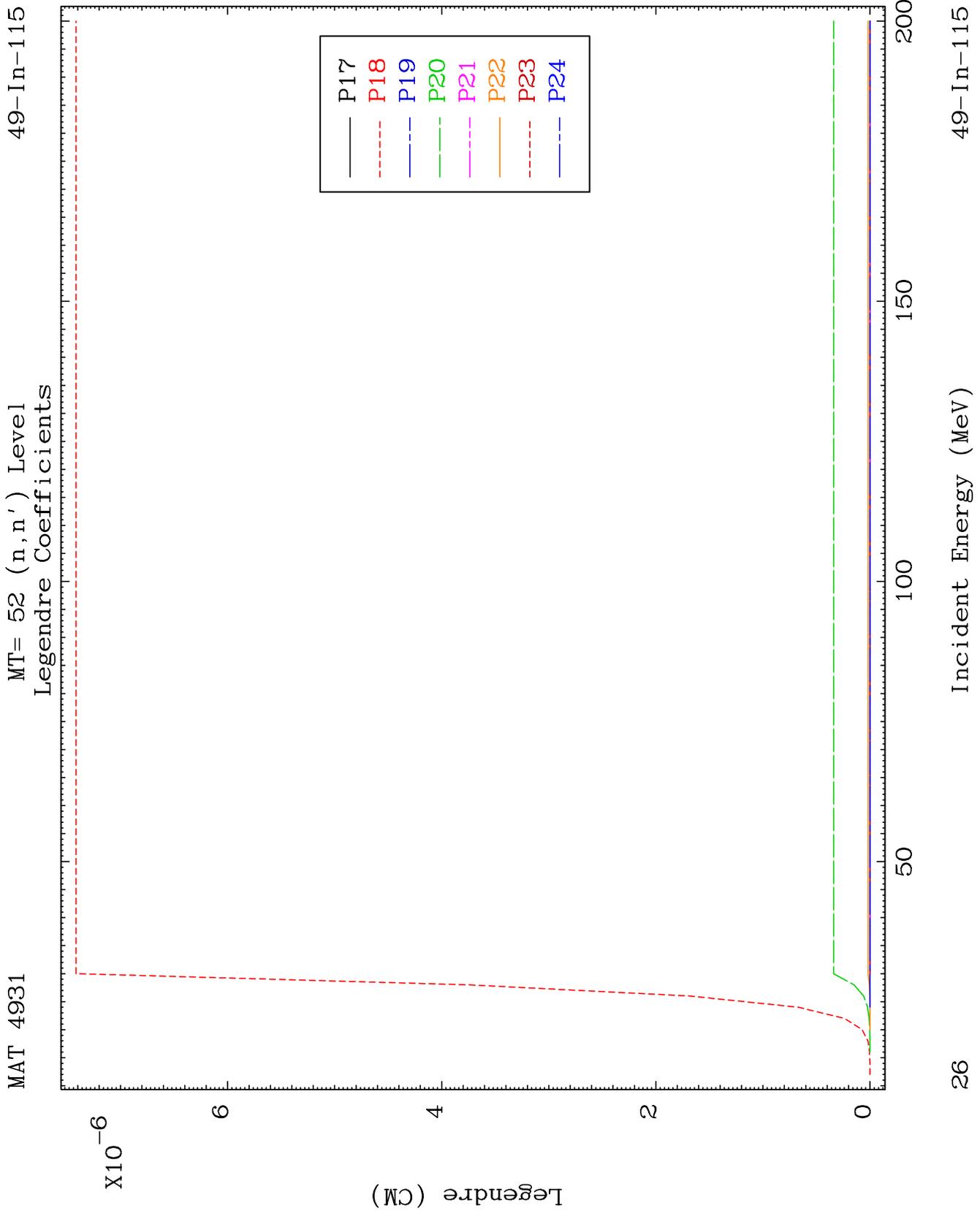
49-In-115



49-In-115

Incident Energy (MeV)

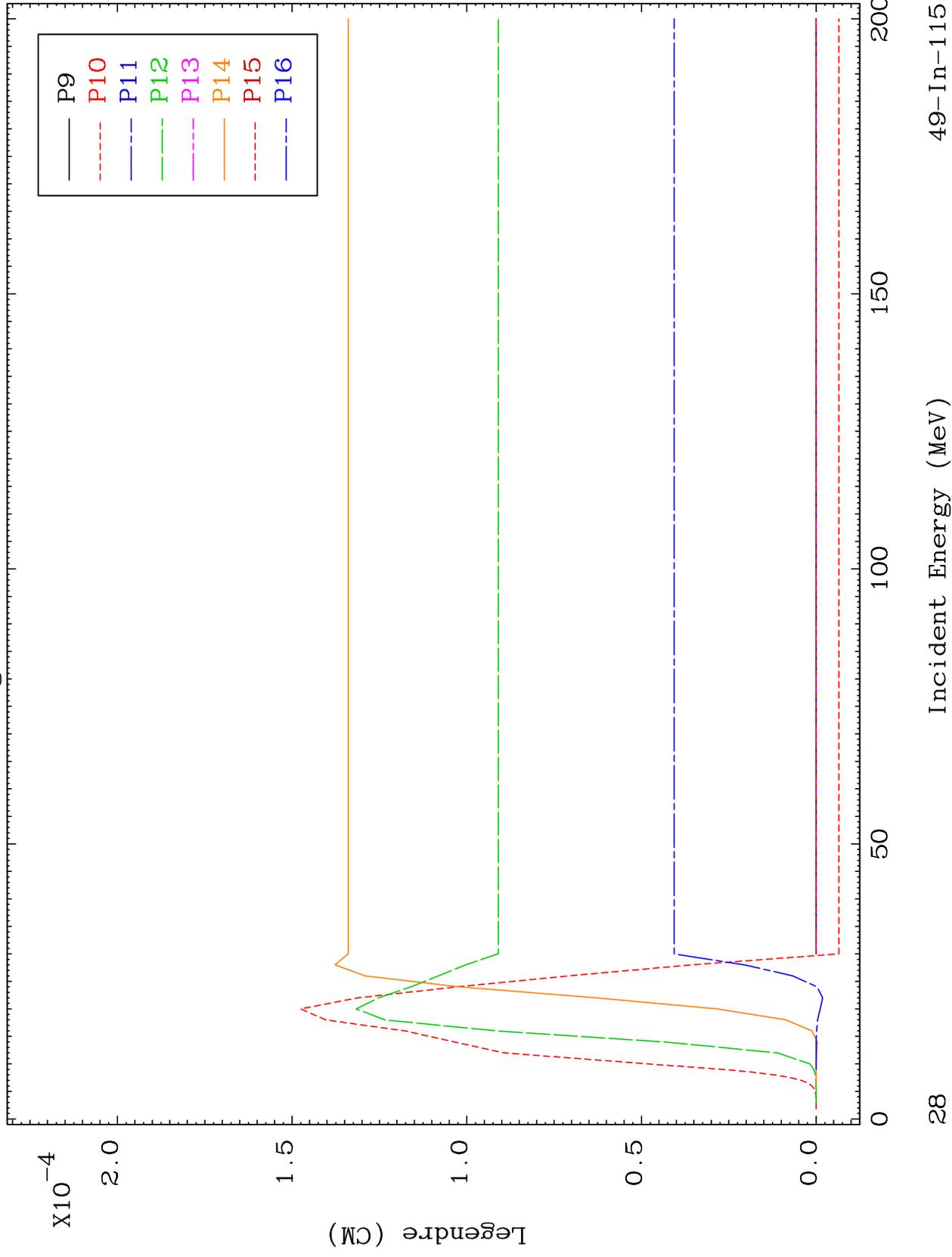
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MAT 4931

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

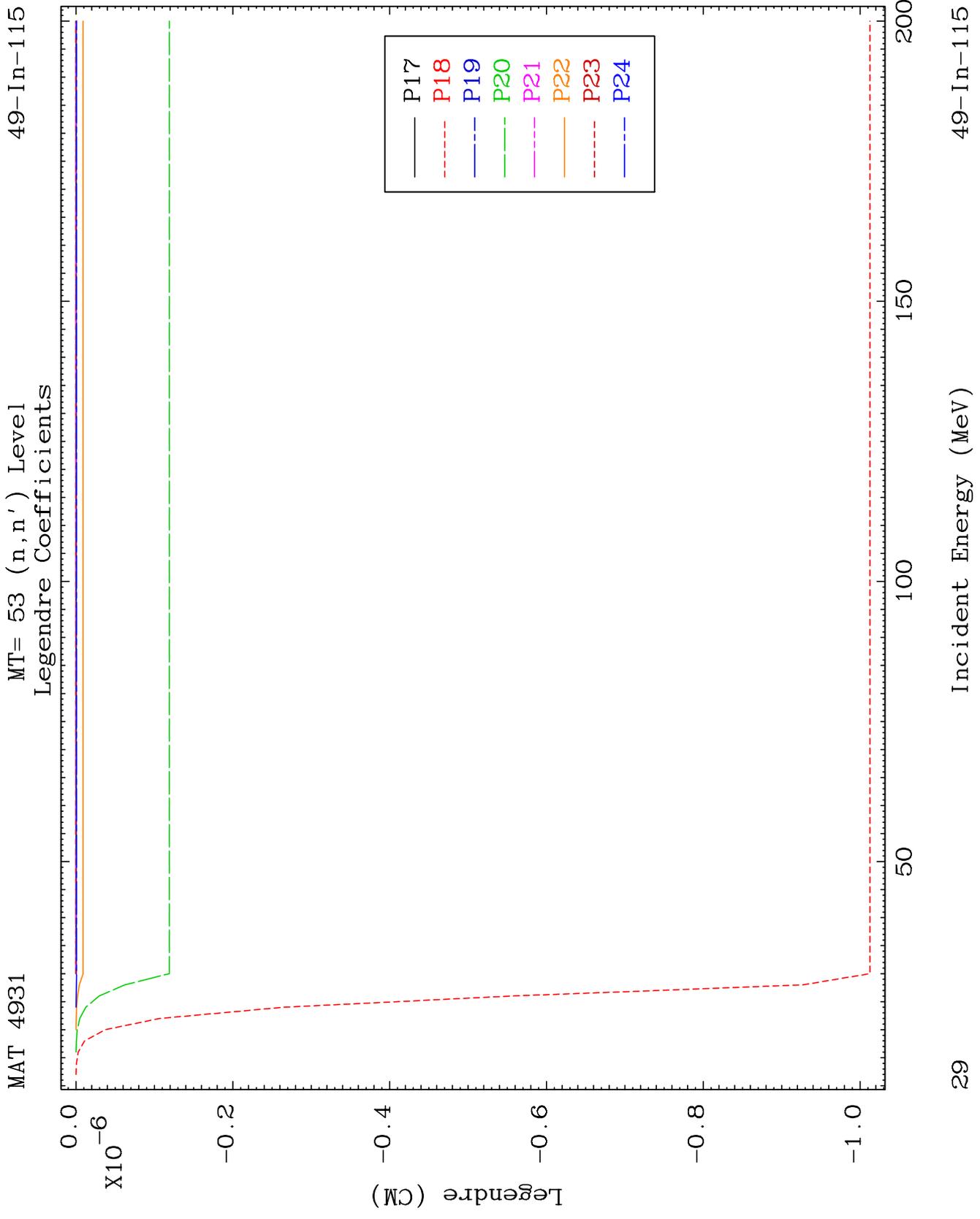
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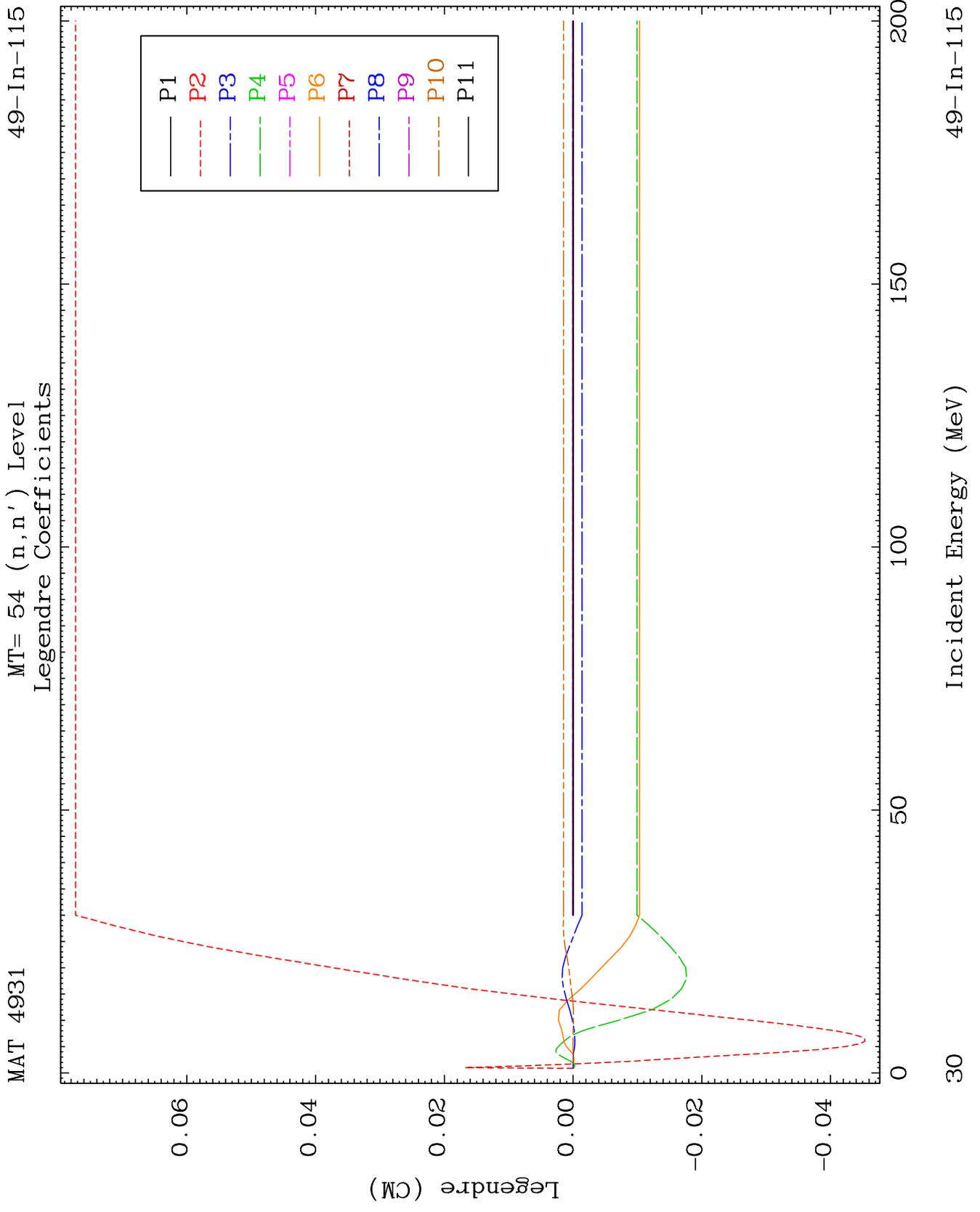


49-In-115

Incident Energy (MeV)

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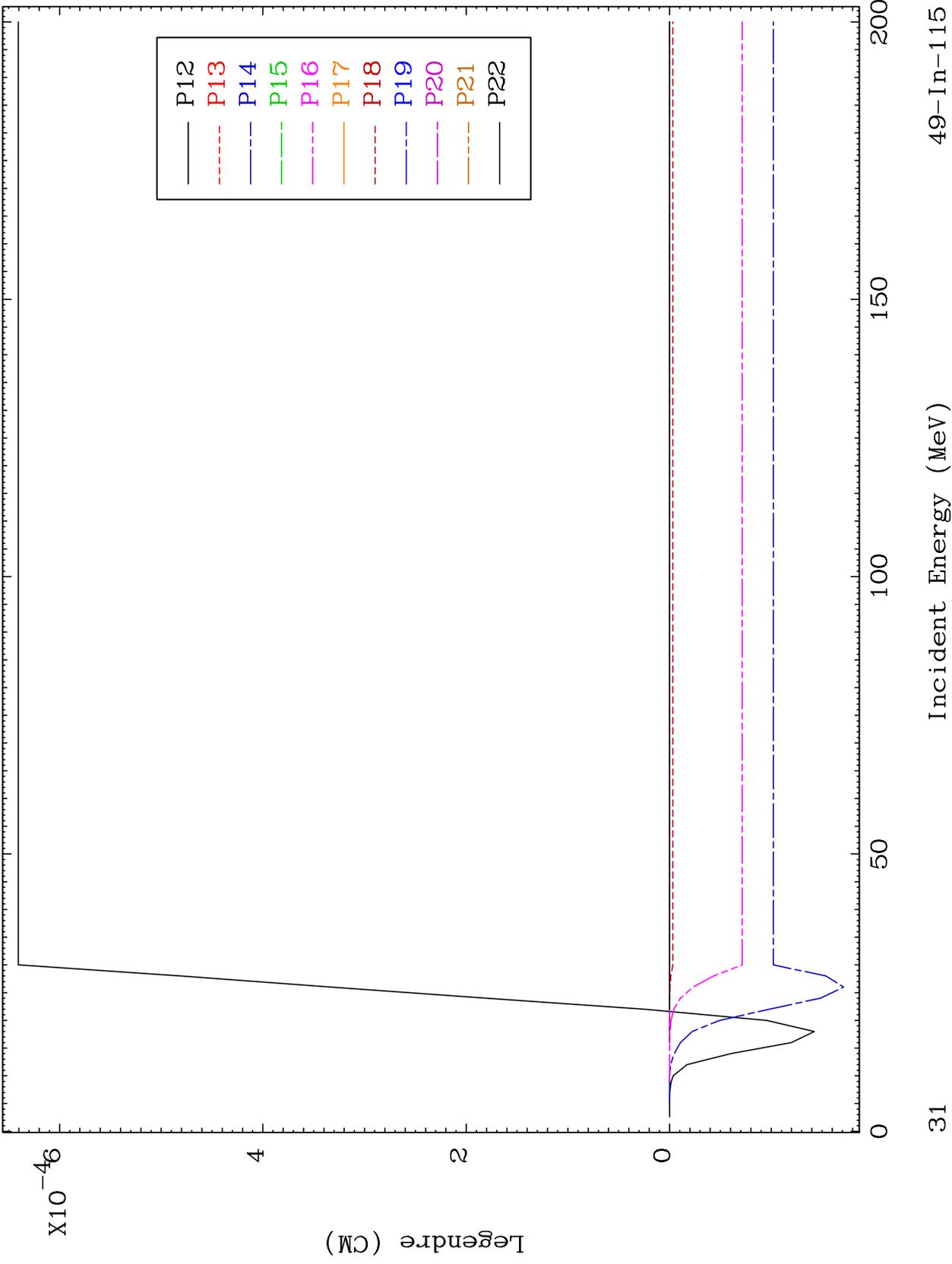




MAT 4931

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

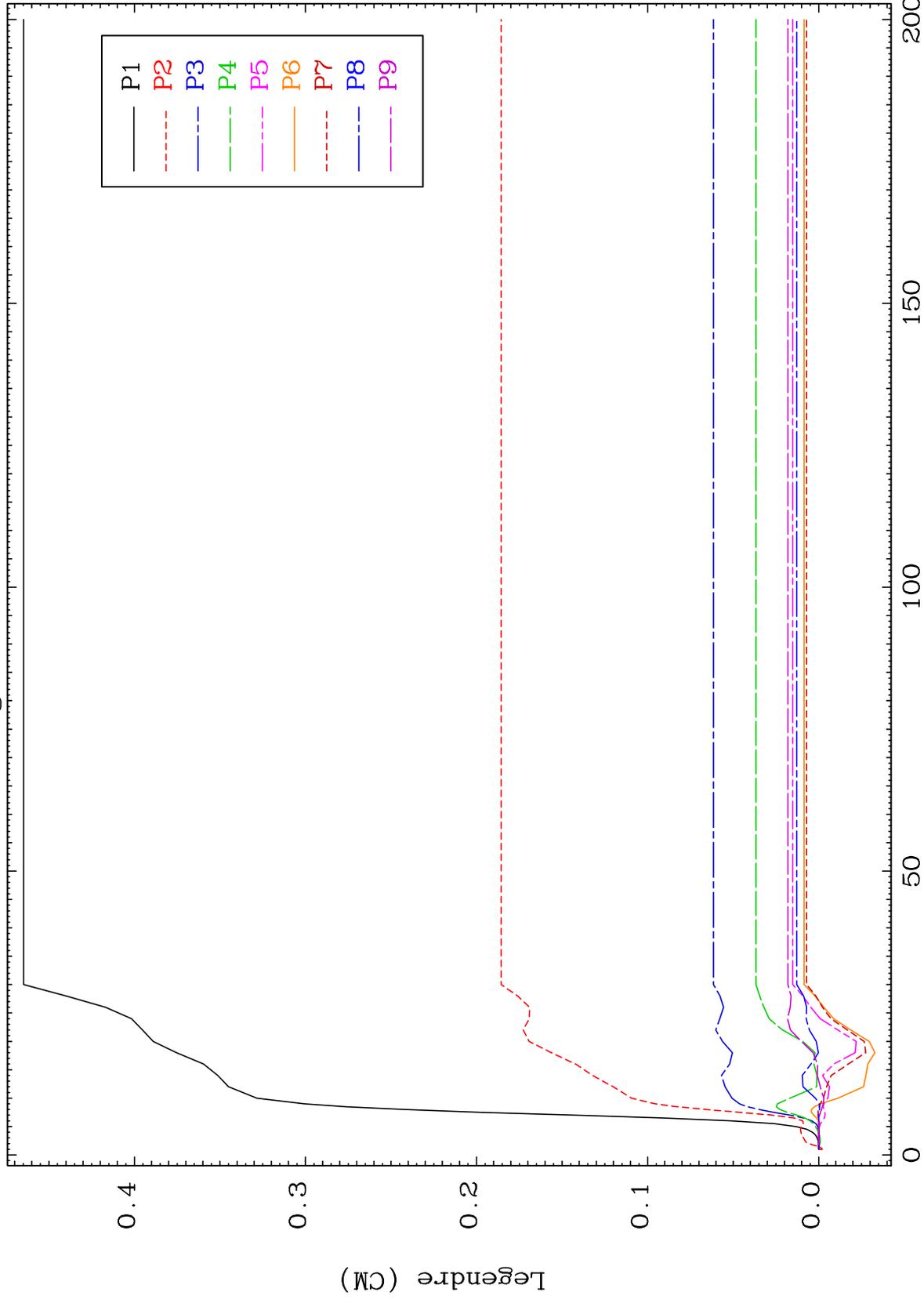
49-In-115



MAT 4931

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

49-In-115



32

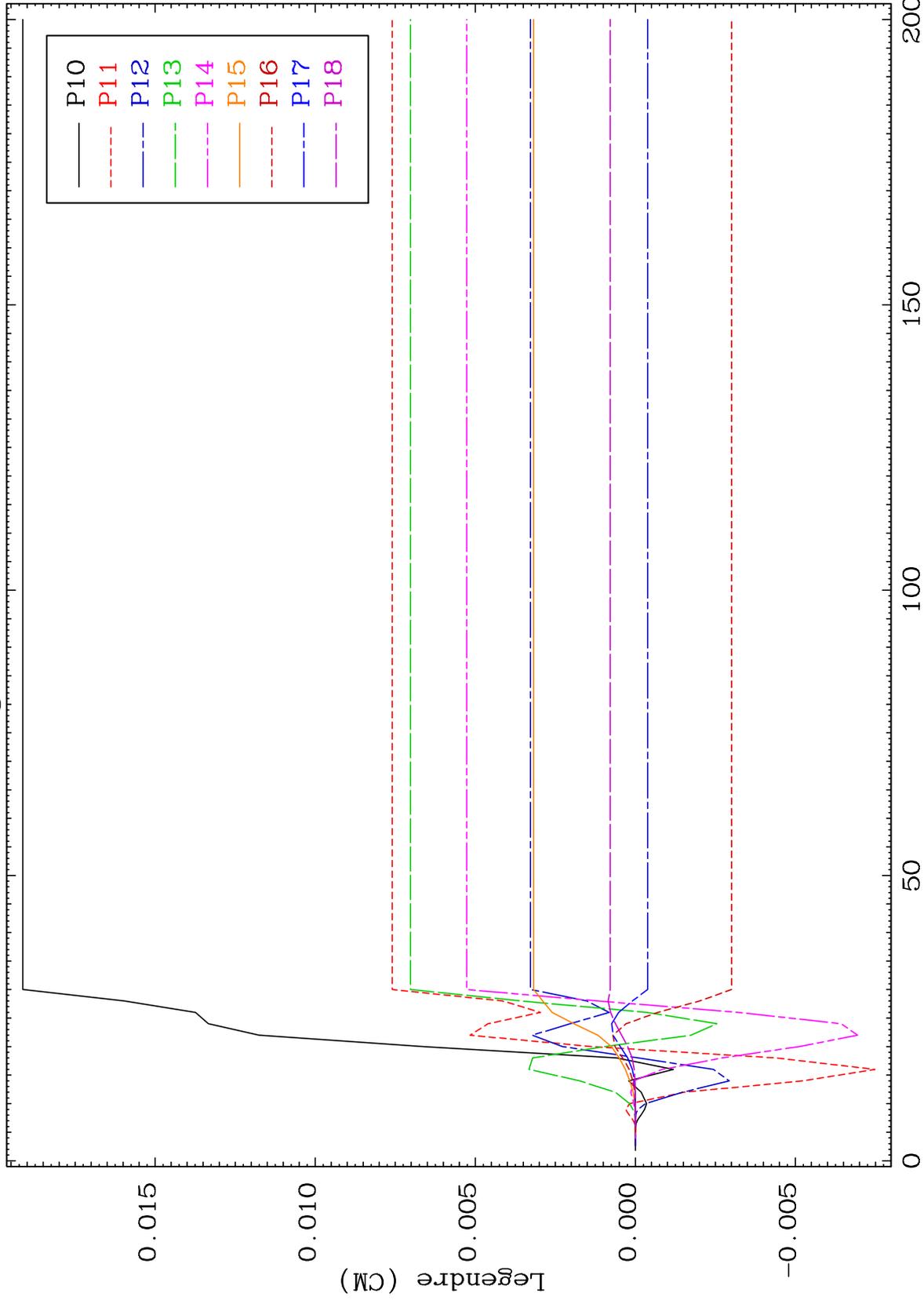
Incident Energy (MeV)

49-In-115

MAT 4931

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

49-In-115



33

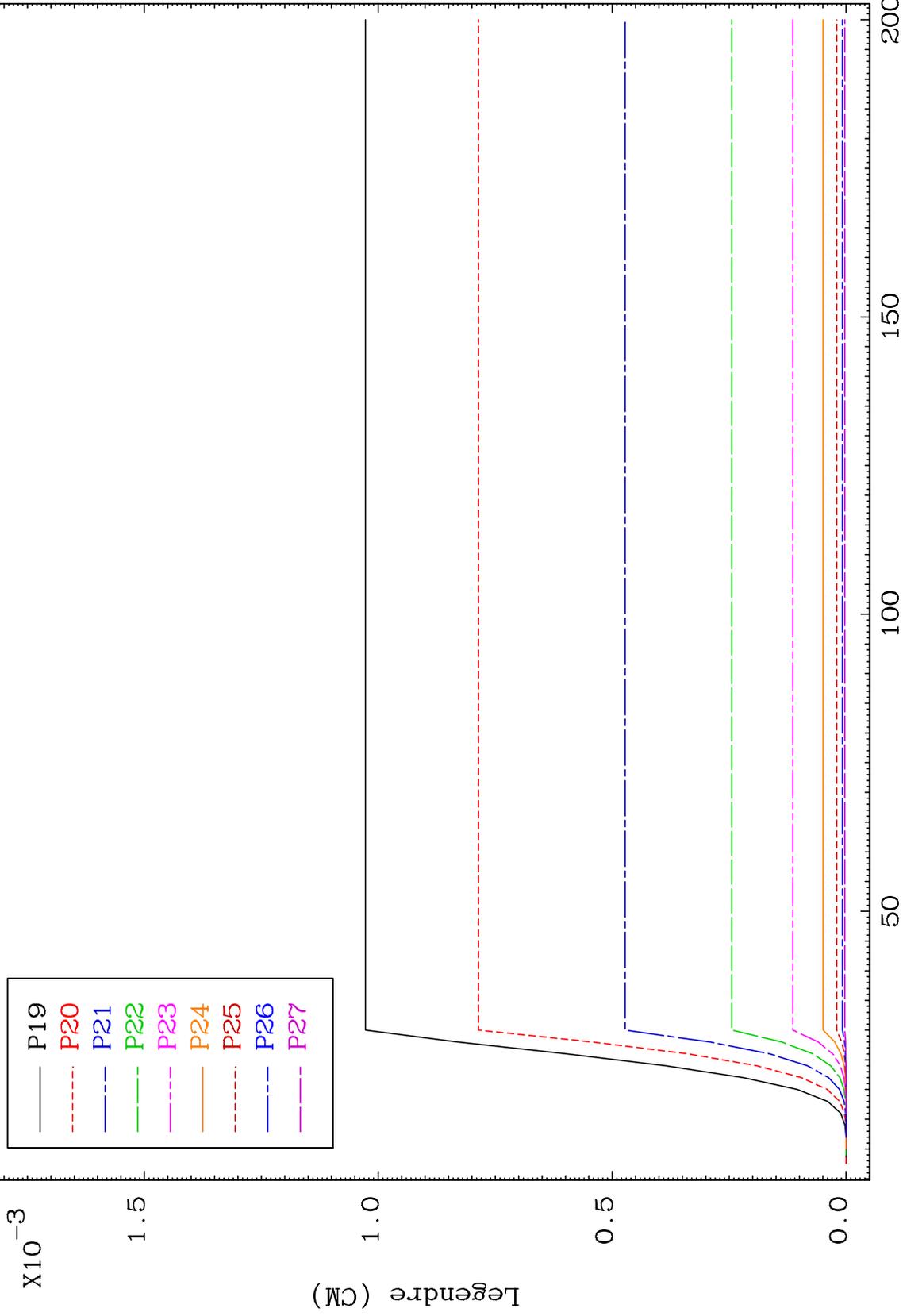
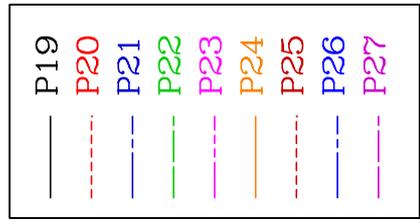
Incident Energy (MeV)

49-In-115

MAT 4931

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

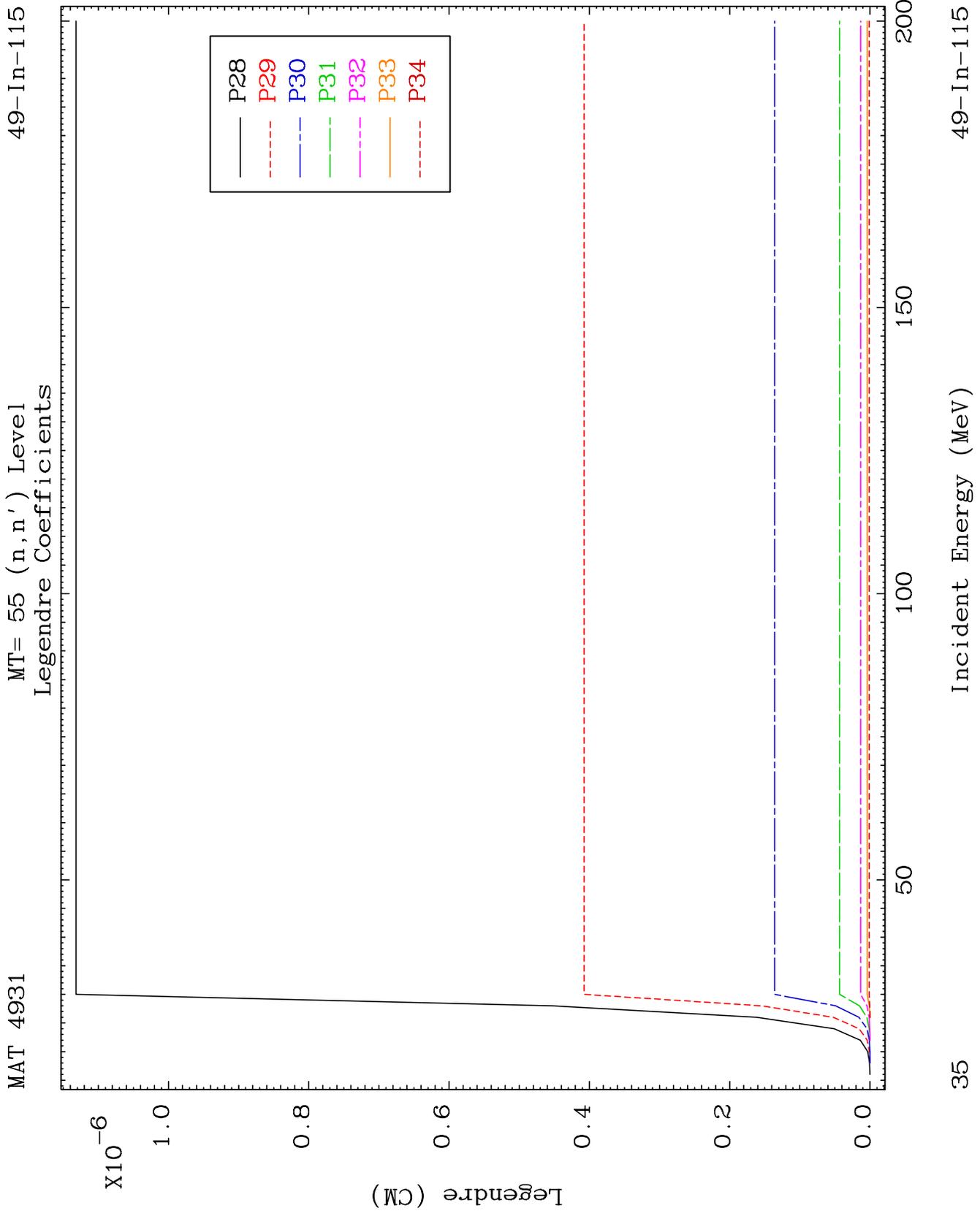
49-In-115



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Incident Energy (MeV)

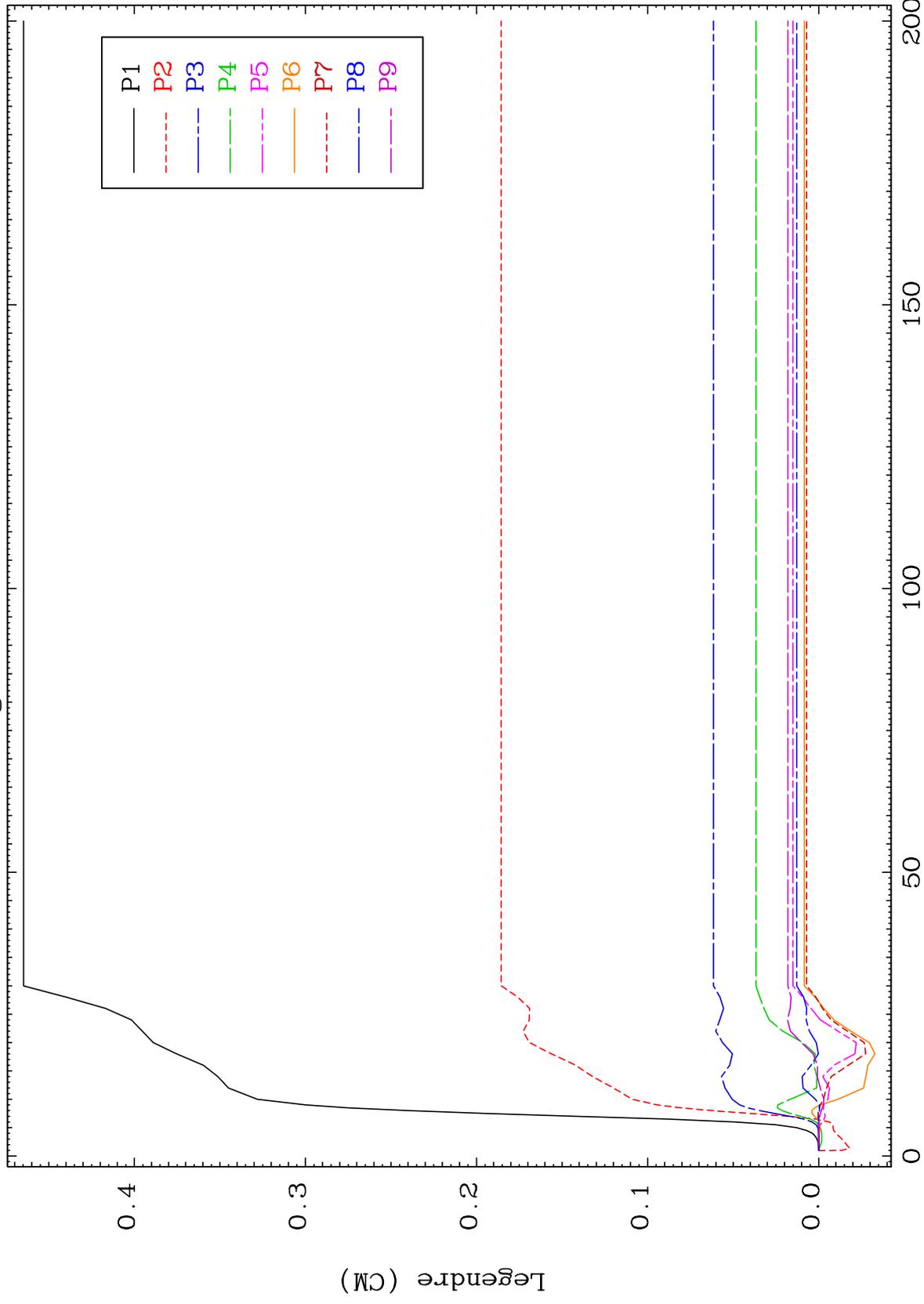
49-In-115



MAT 4931

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

49-In-115



36

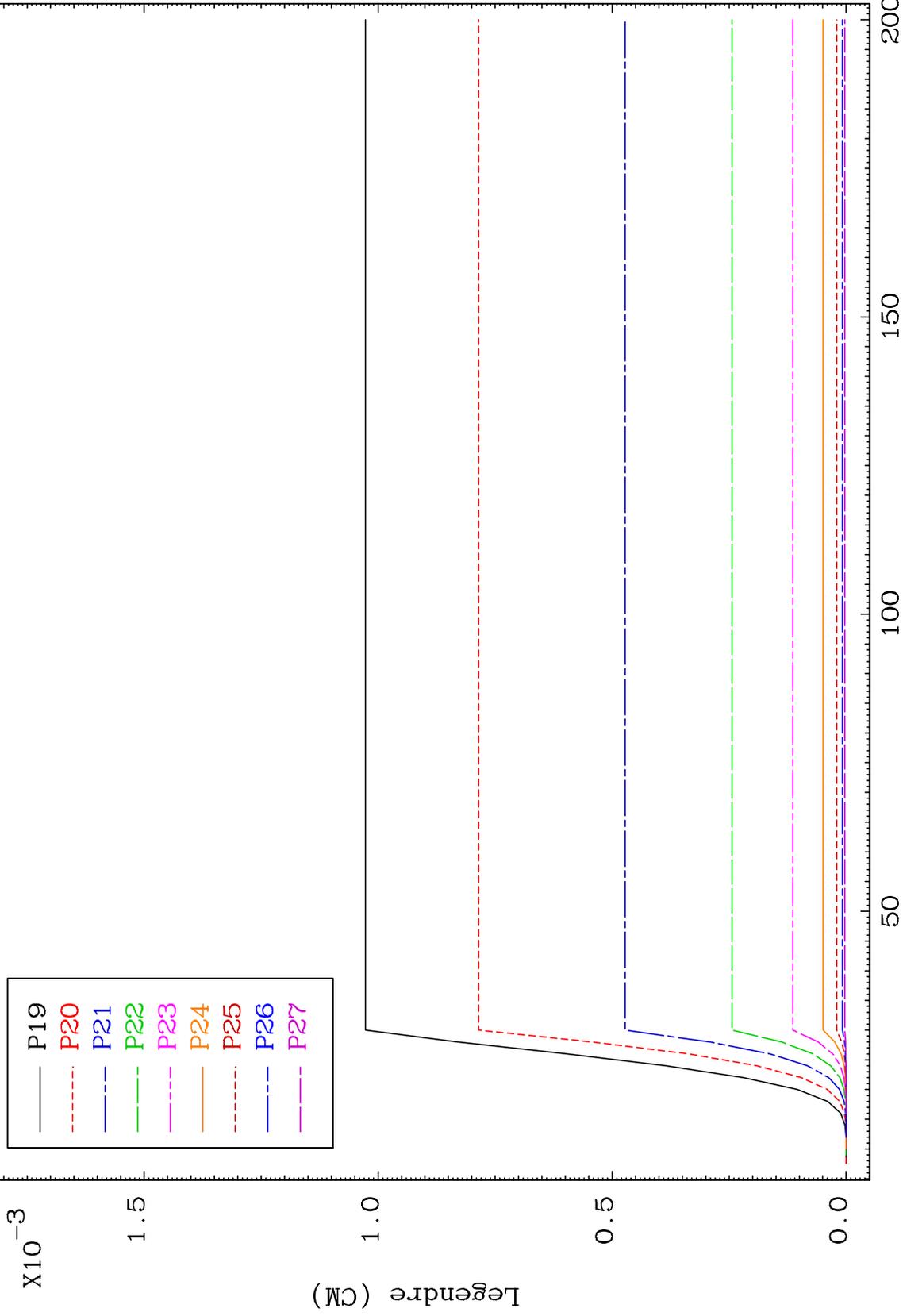
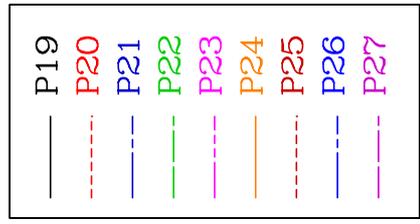
Incident Energy (MeV)

49-In-115

MAT 4931

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

49-In-115



38

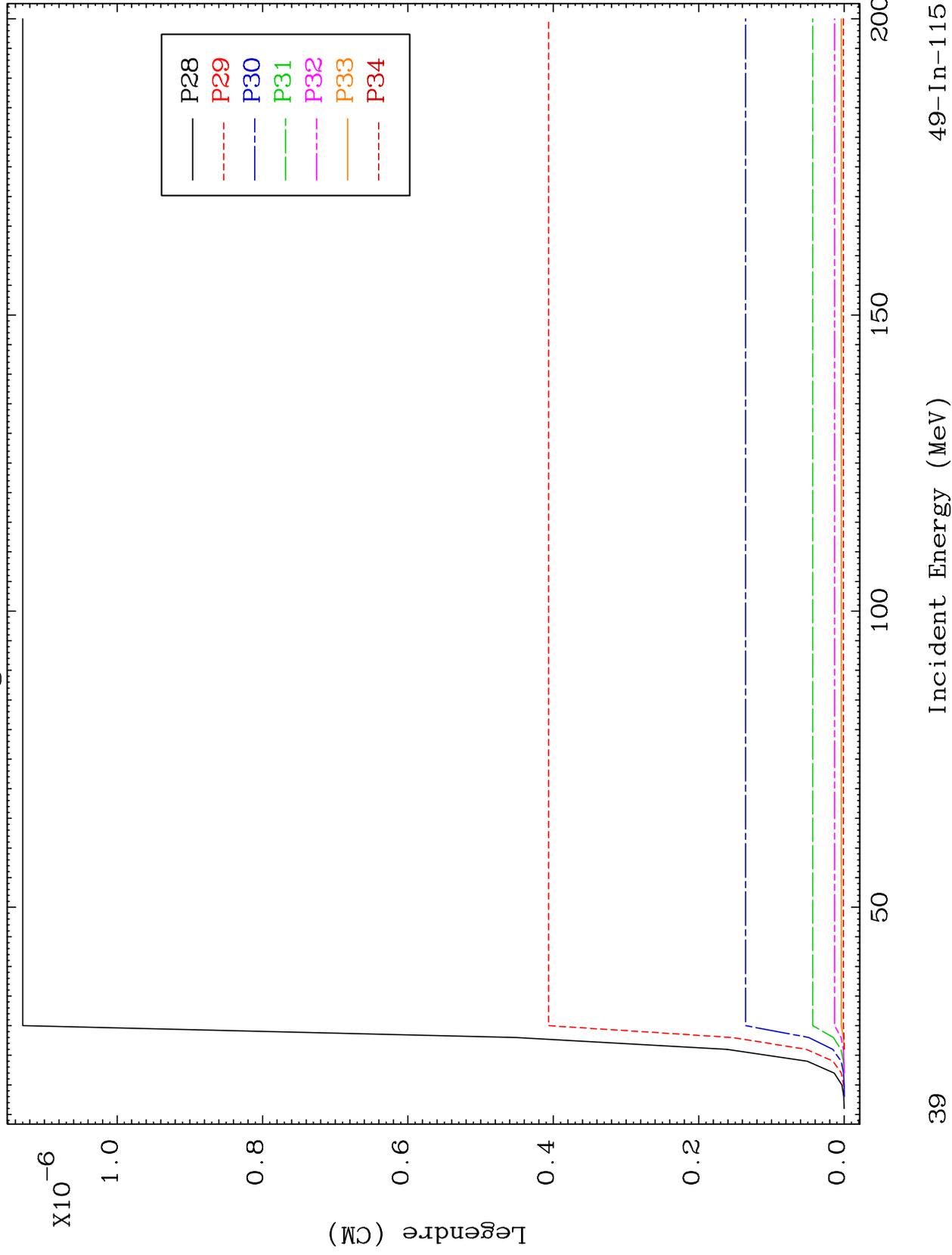
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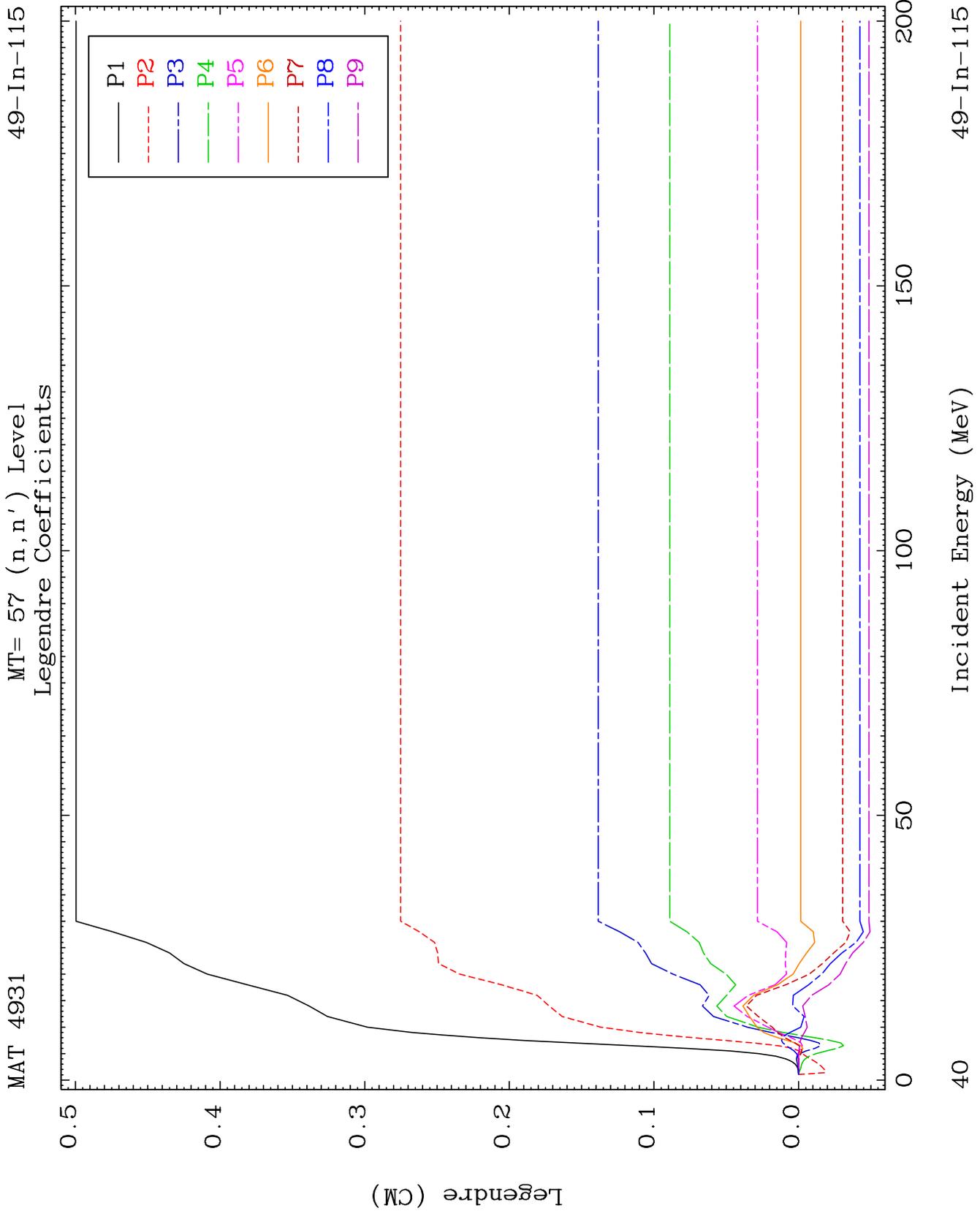
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MAT 4931

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

49-In-115

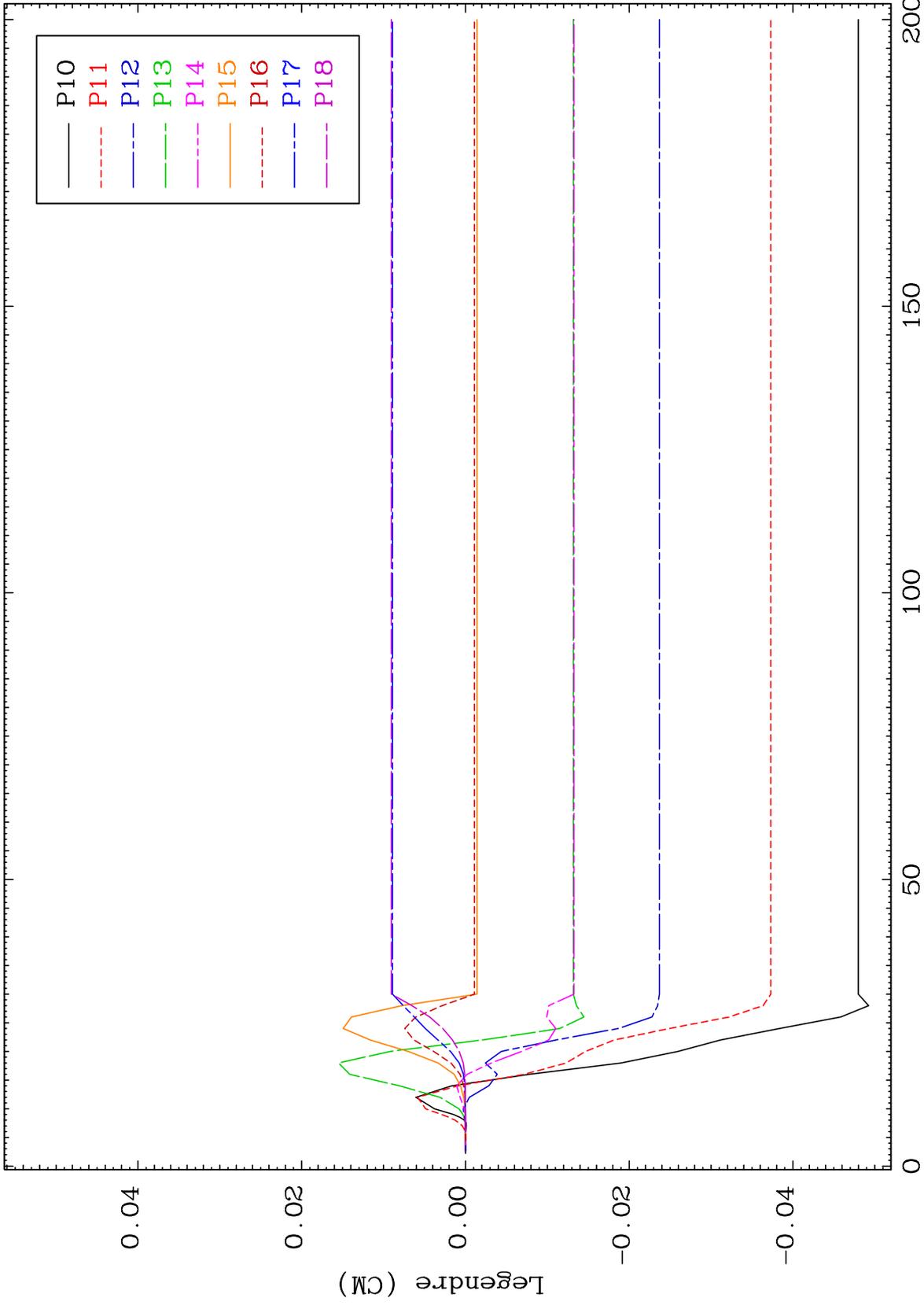




MAT 4931

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

49-In-115



41

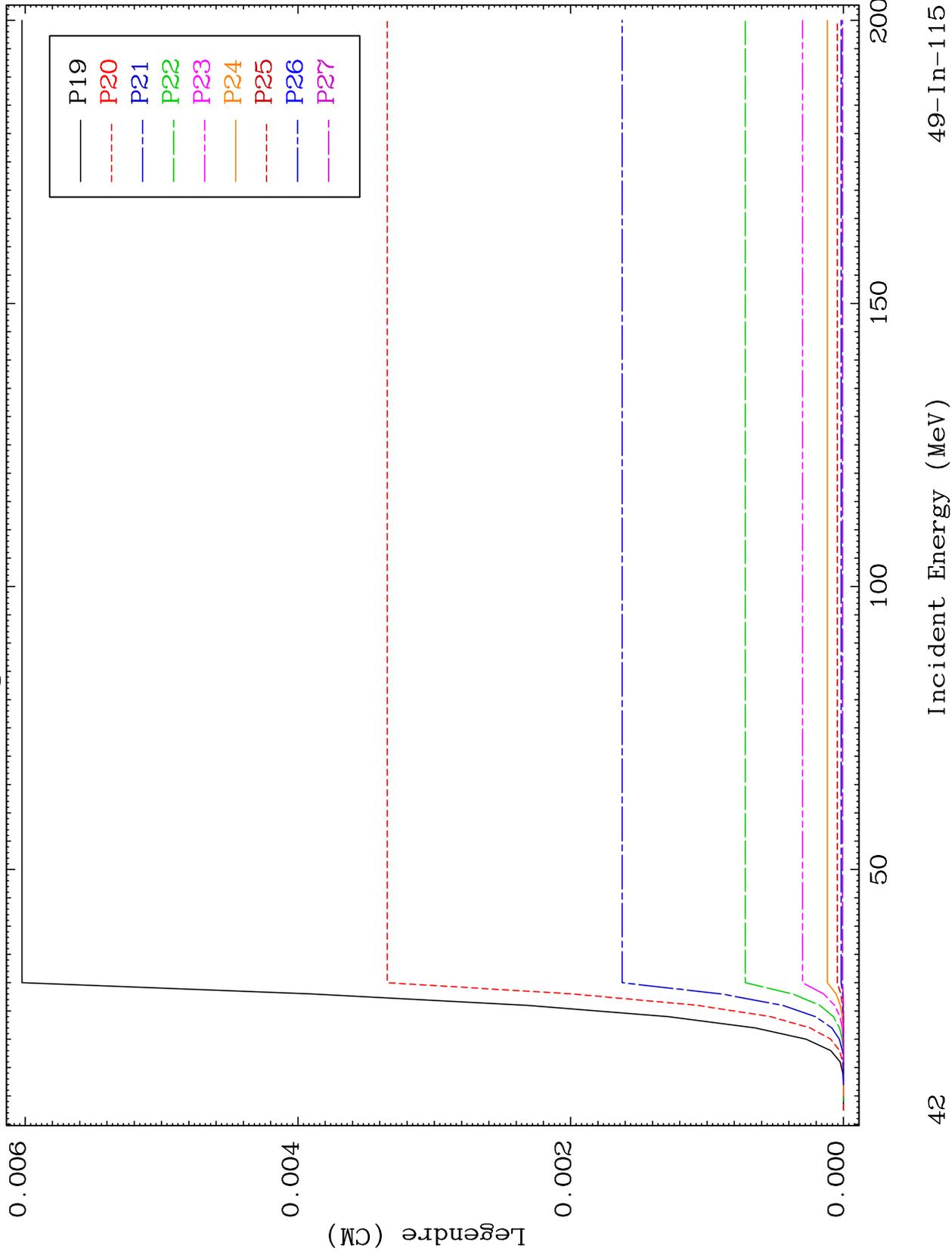
Incident Energy (MeV)

49-In-115

MAT 4931

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

49-In-115



42

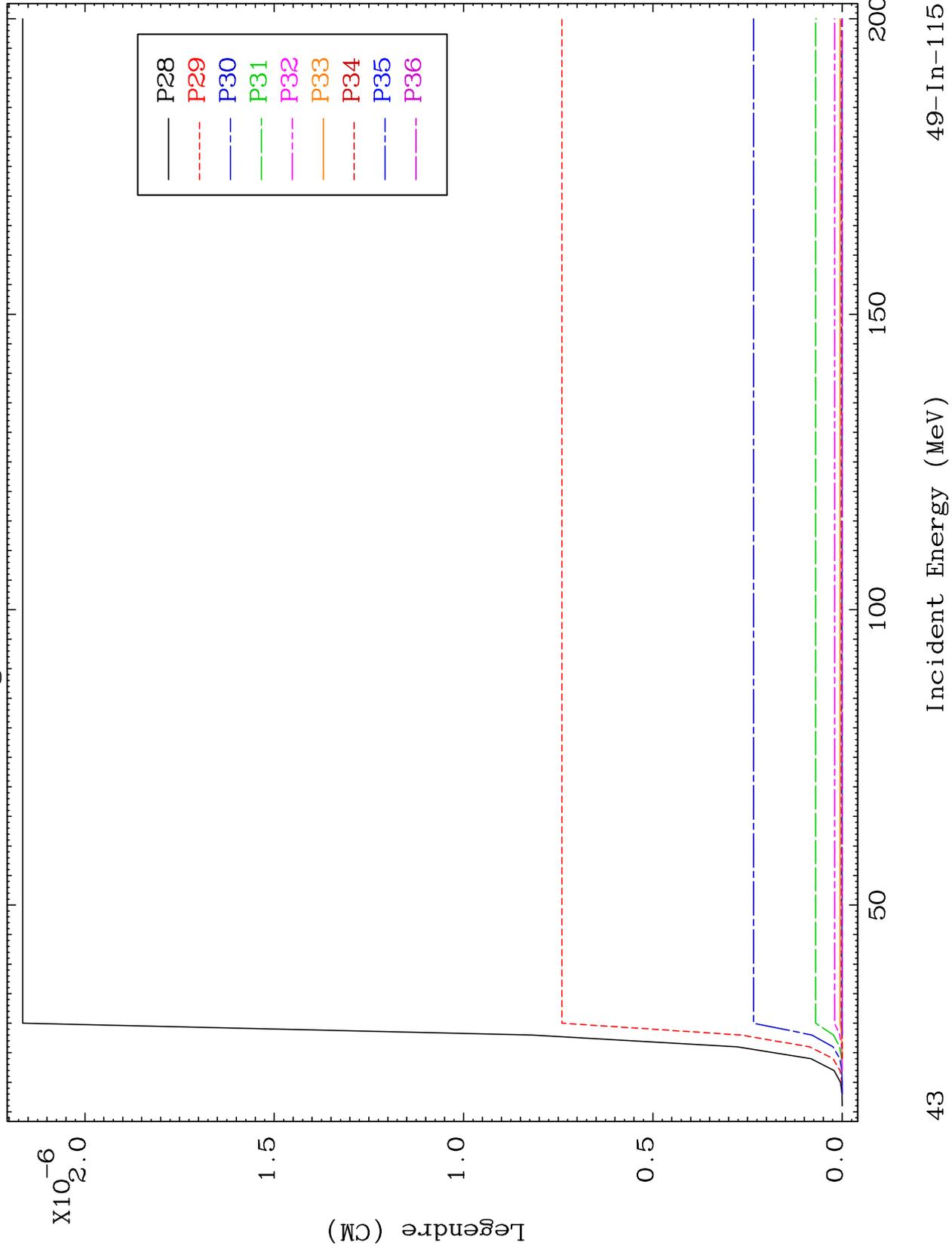
Incident Energy (MeV)

49-In-115

MAT 4931

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

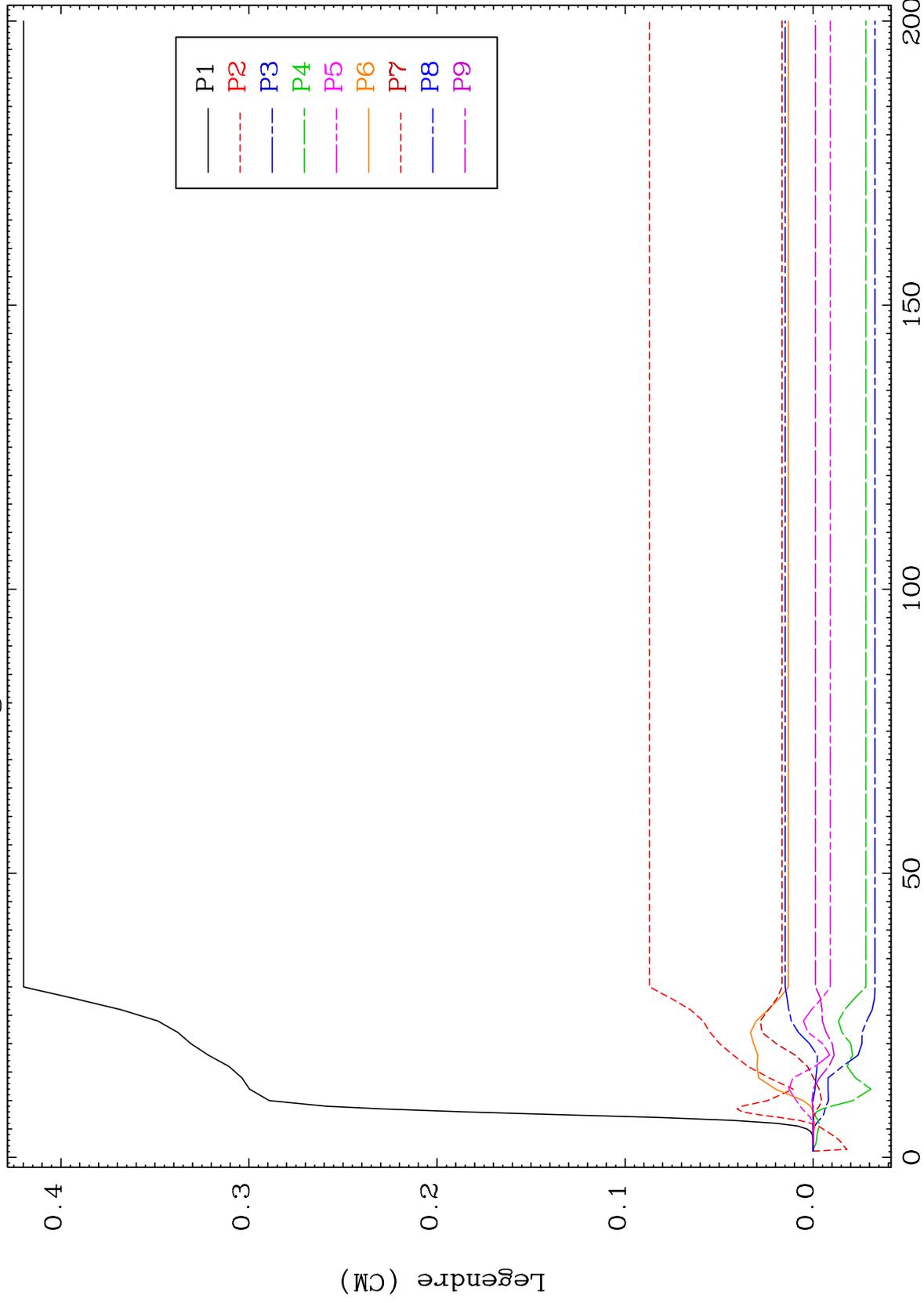
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MAT 4931

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

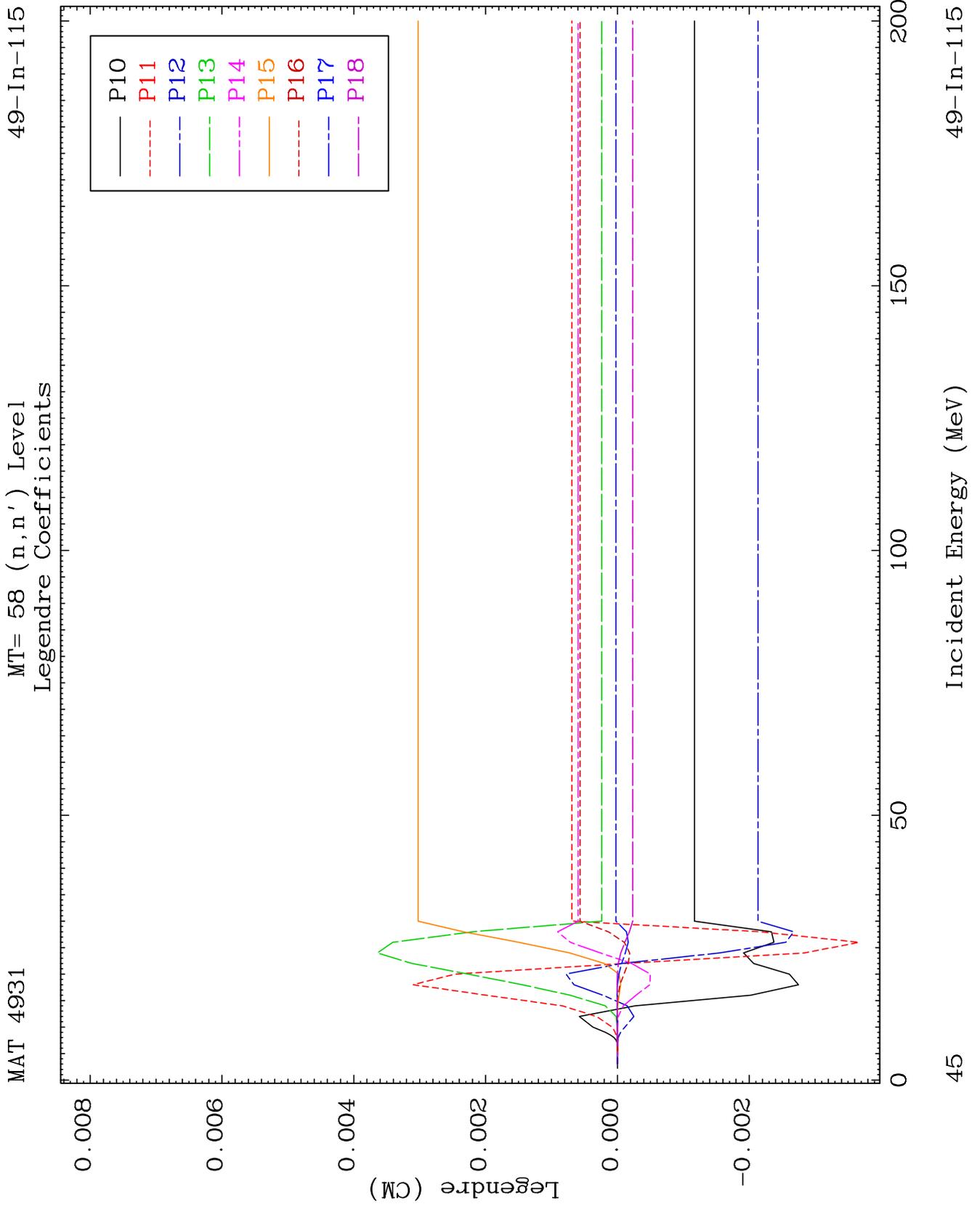
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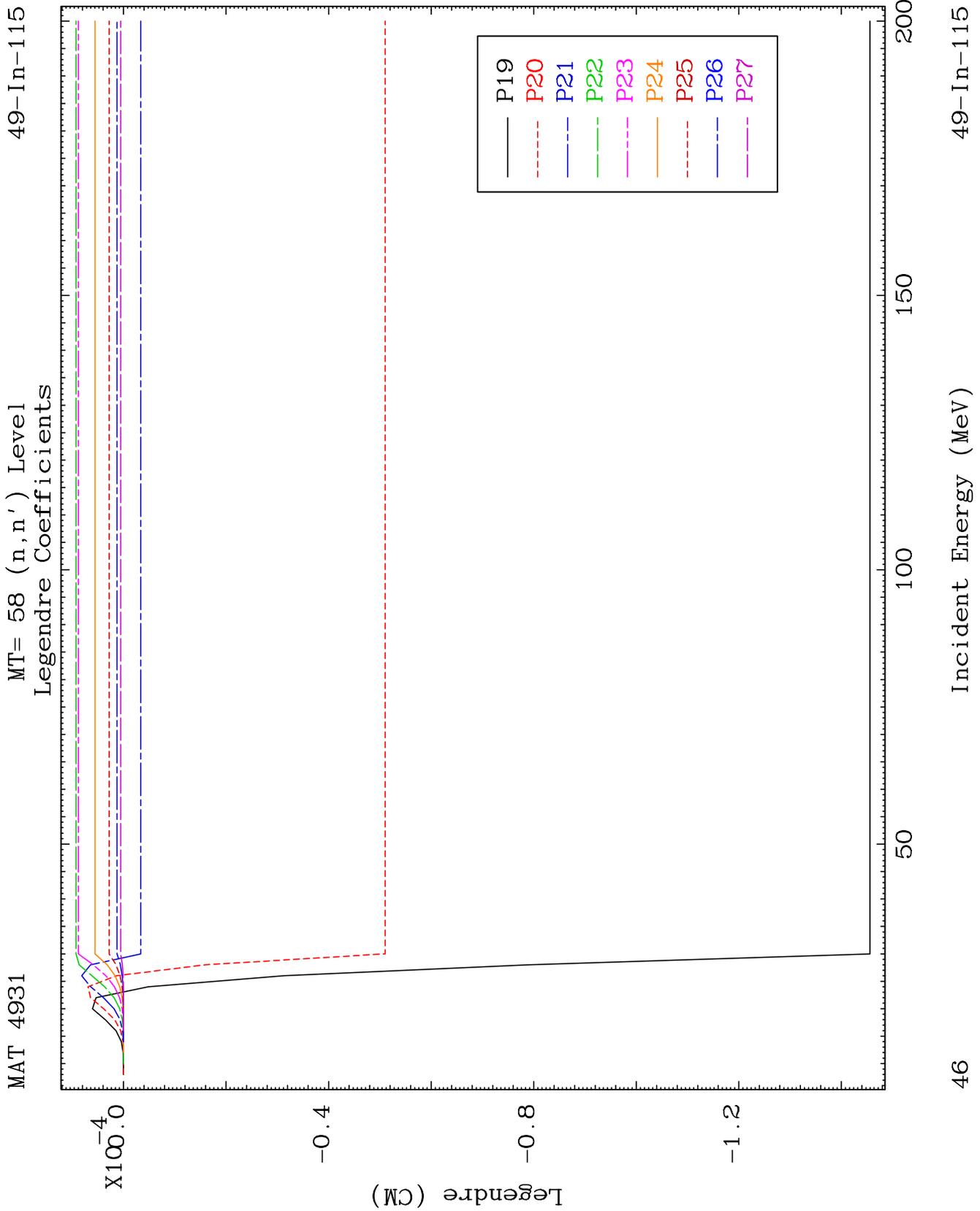


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Incident Energy (MeV)

49-In-115

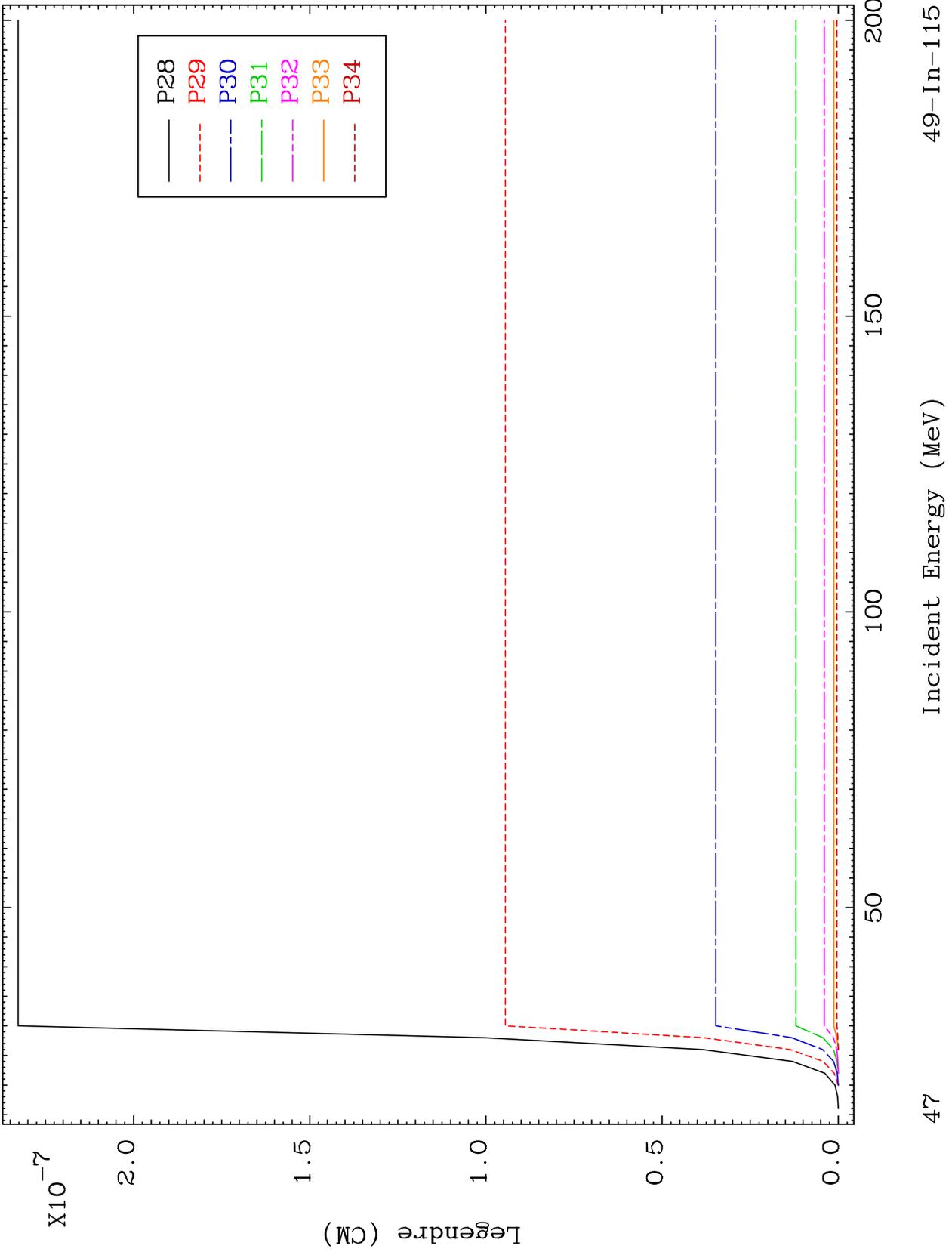


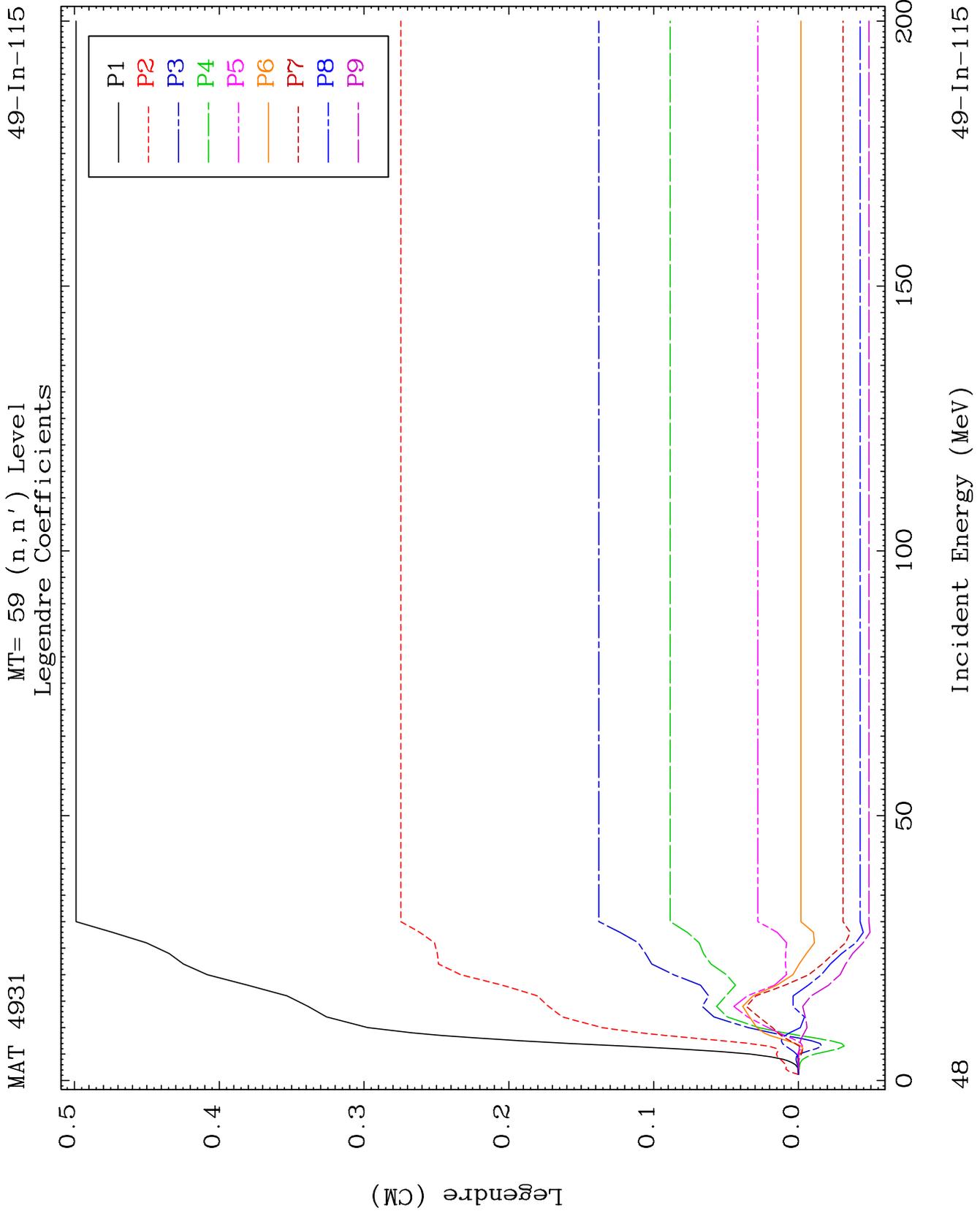


MAT 4931

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

49-In-115

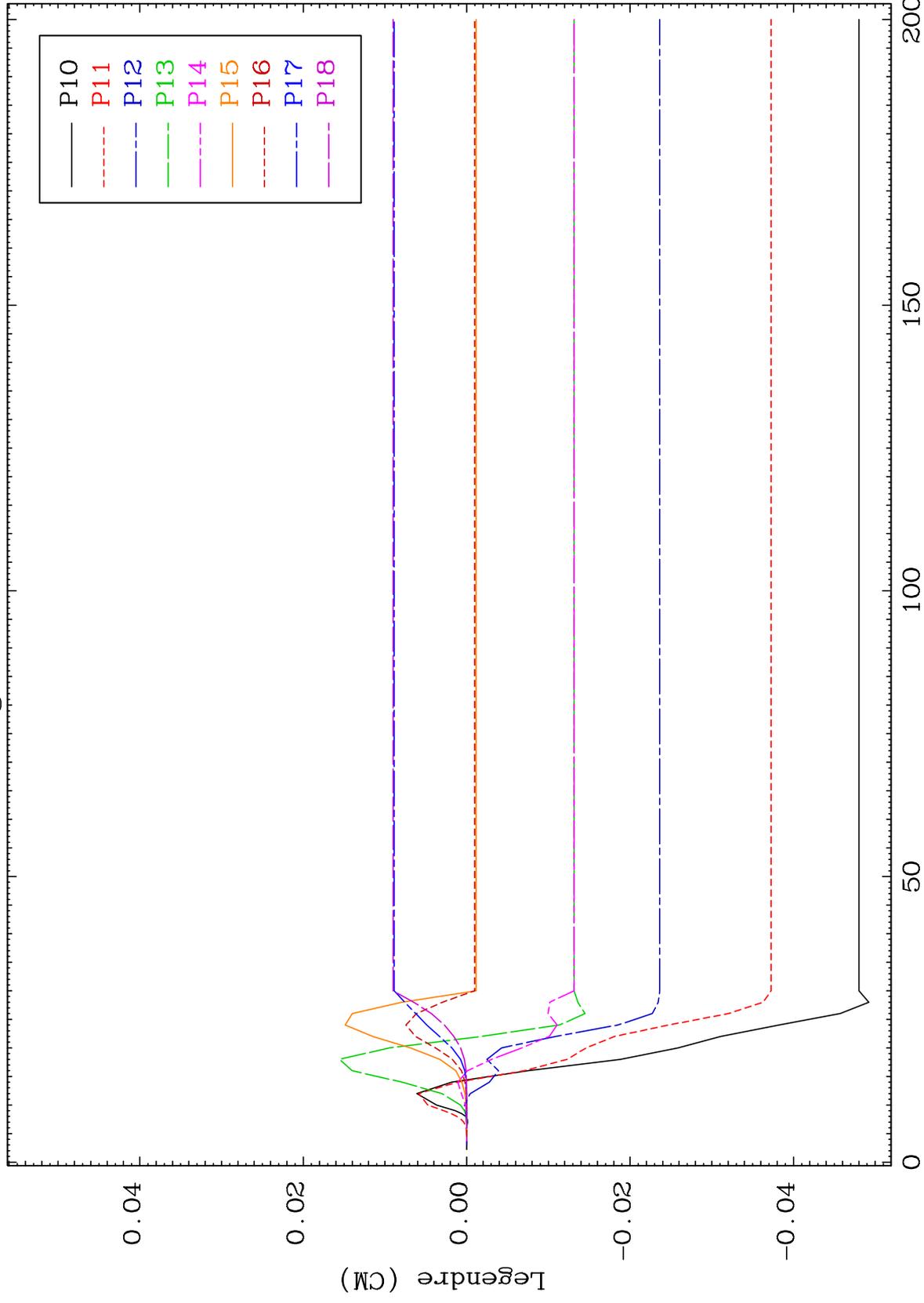




MAT 4931

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Legendre Coefficients

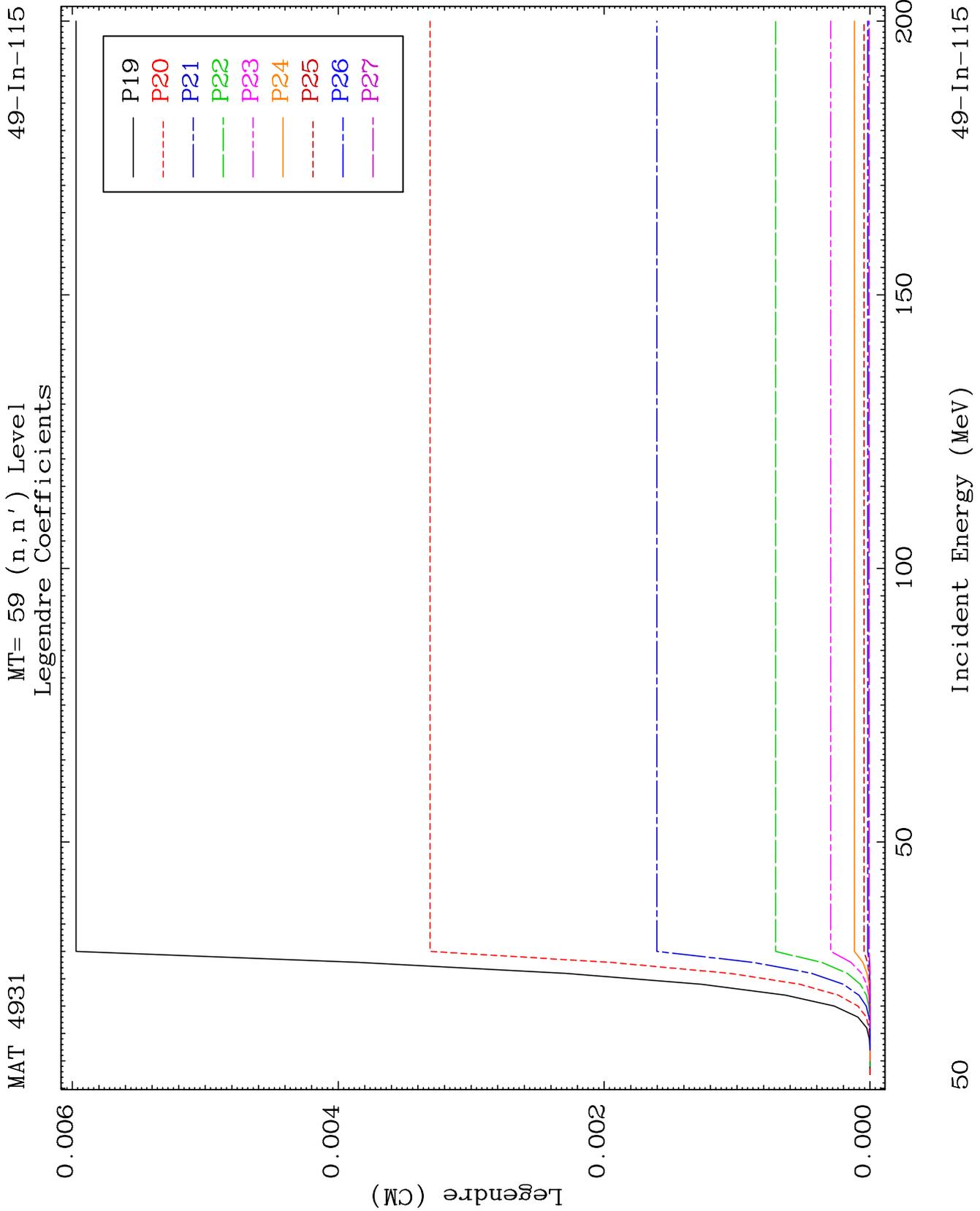
49-In-115



49

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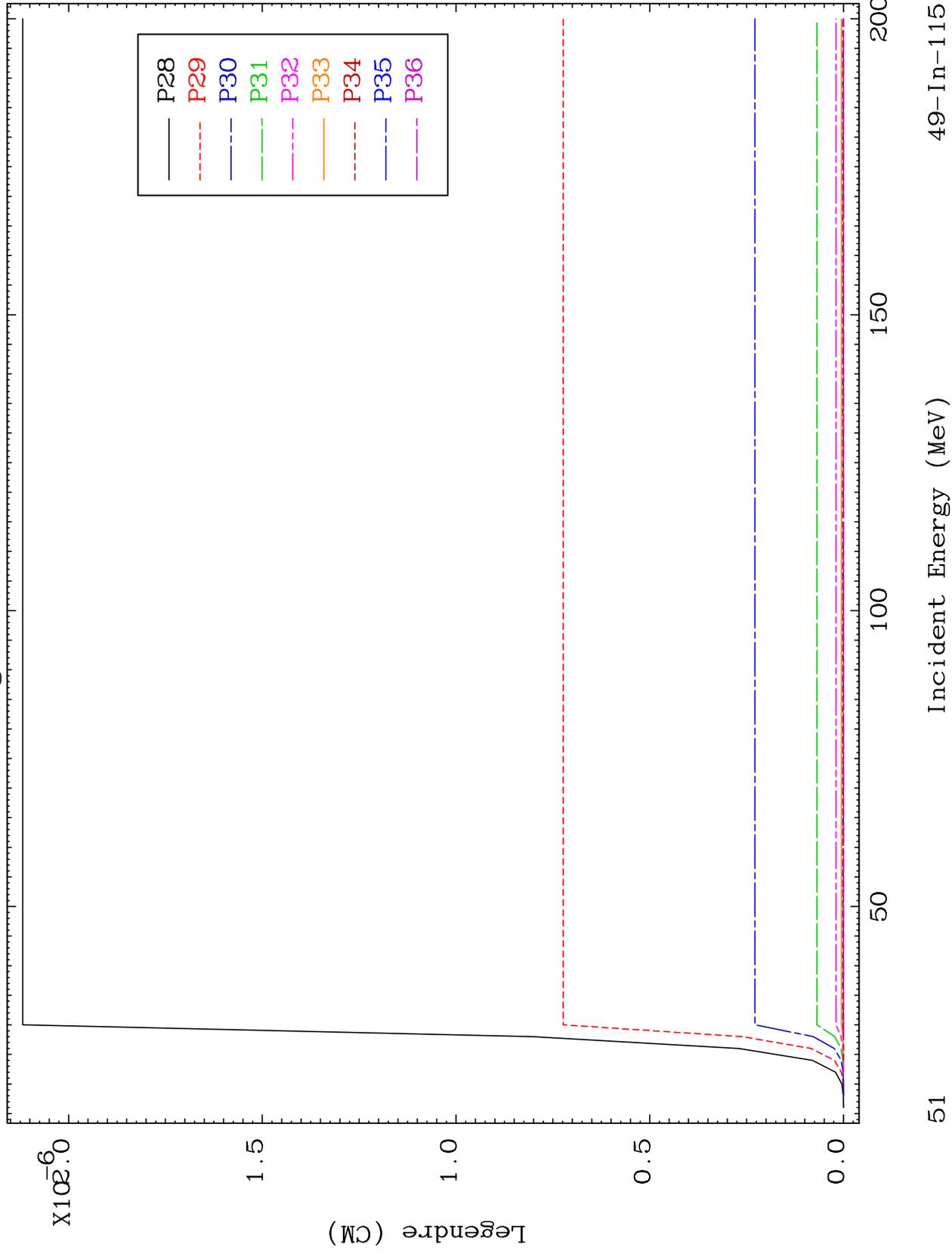
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MAT 4931

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

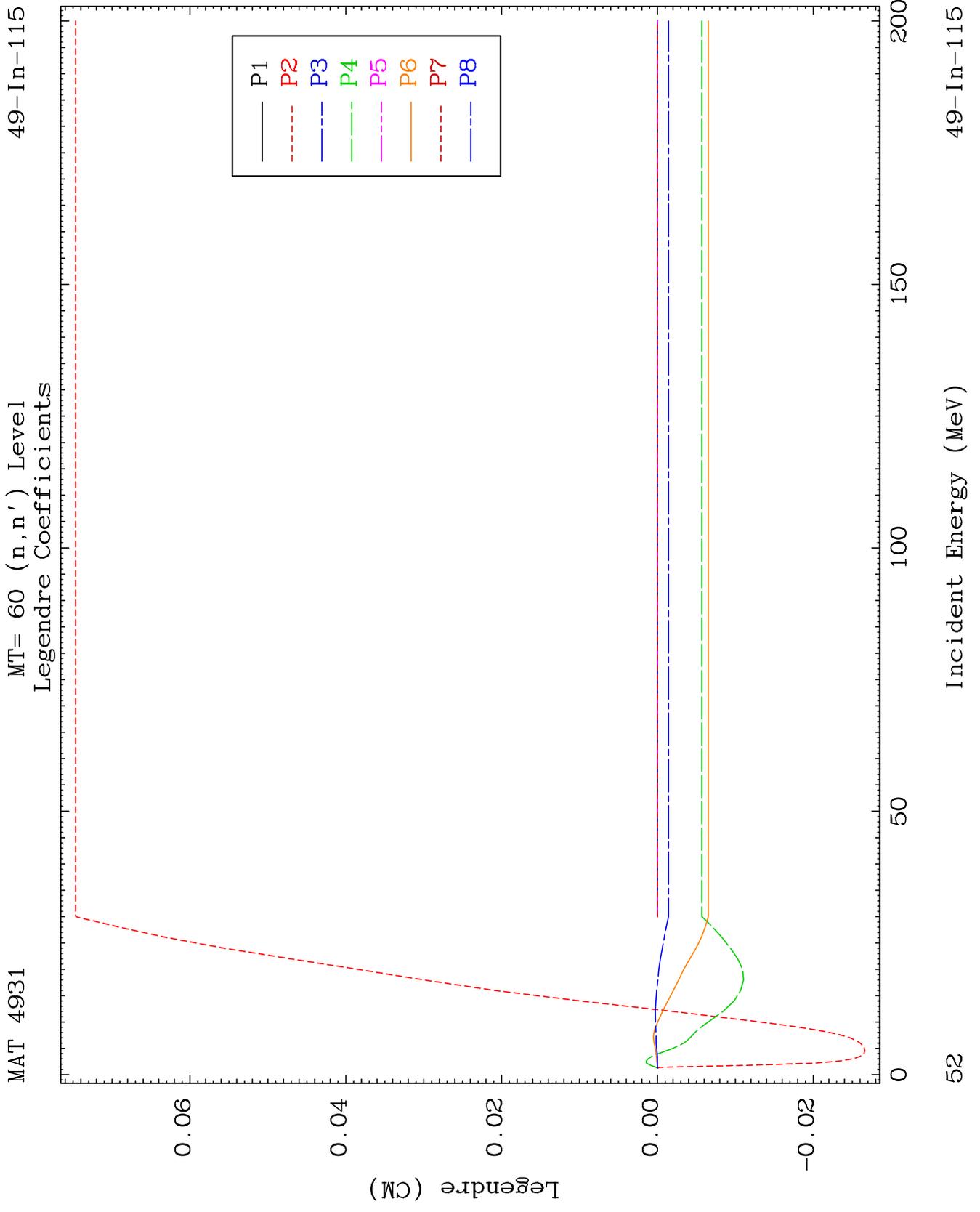
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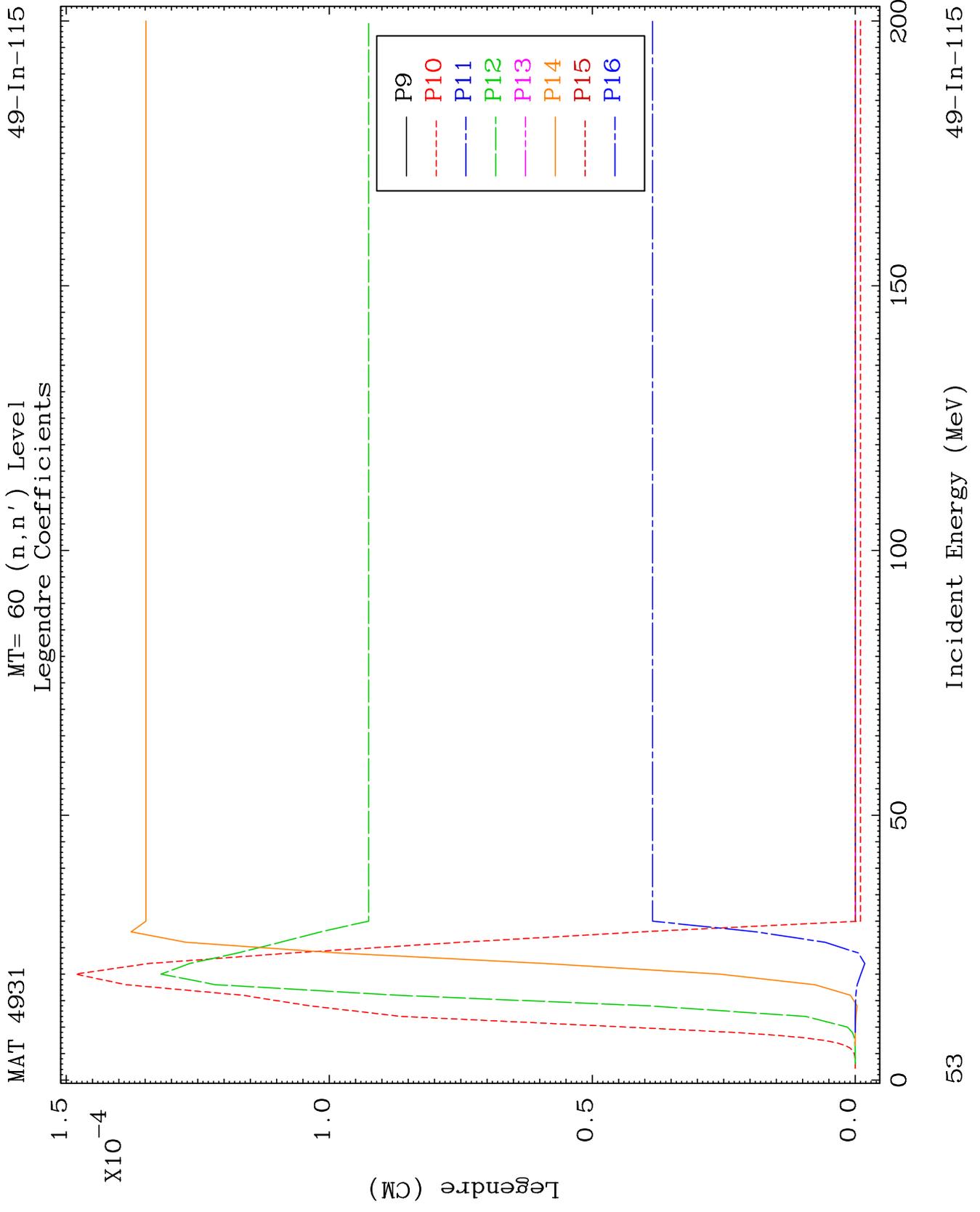


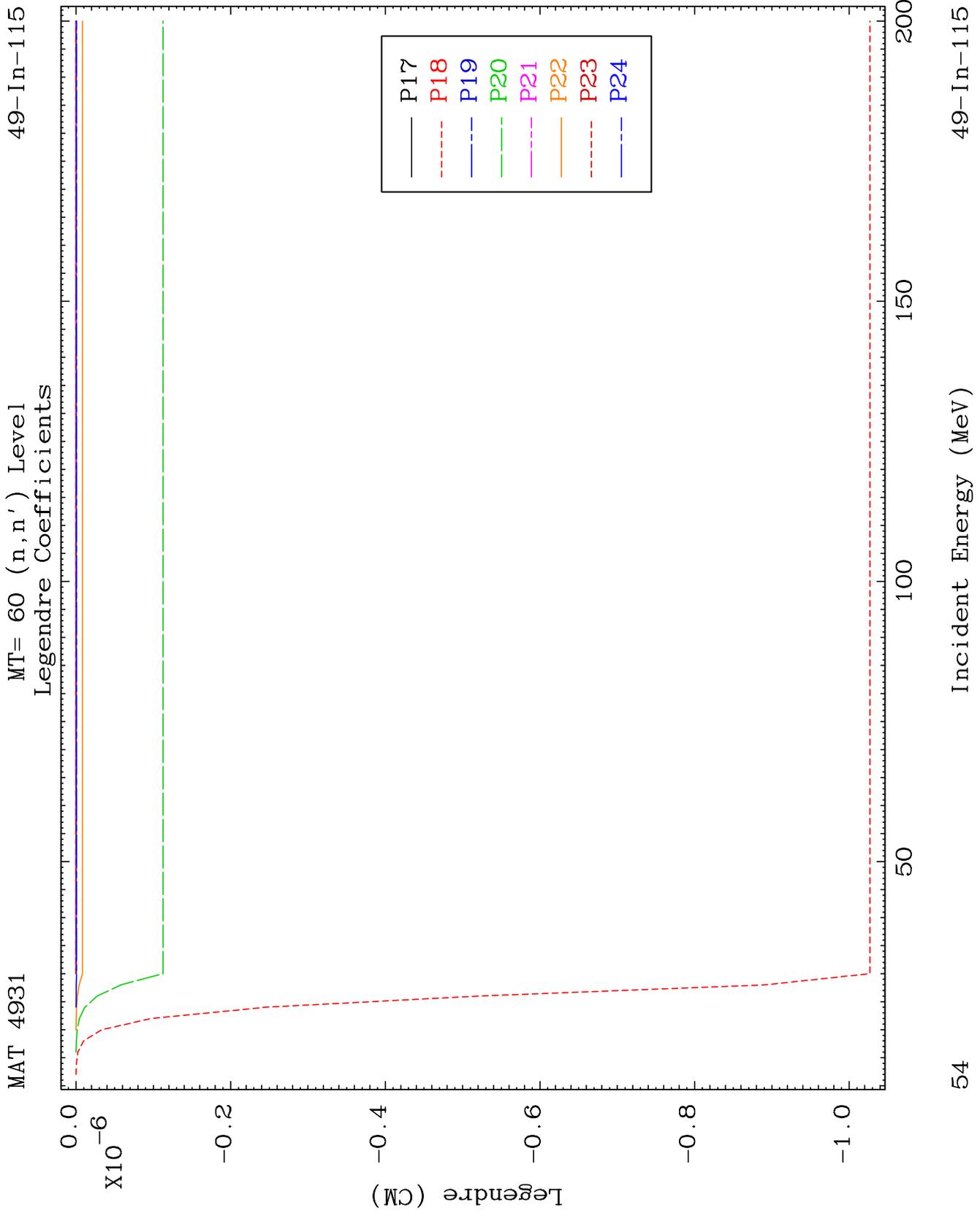
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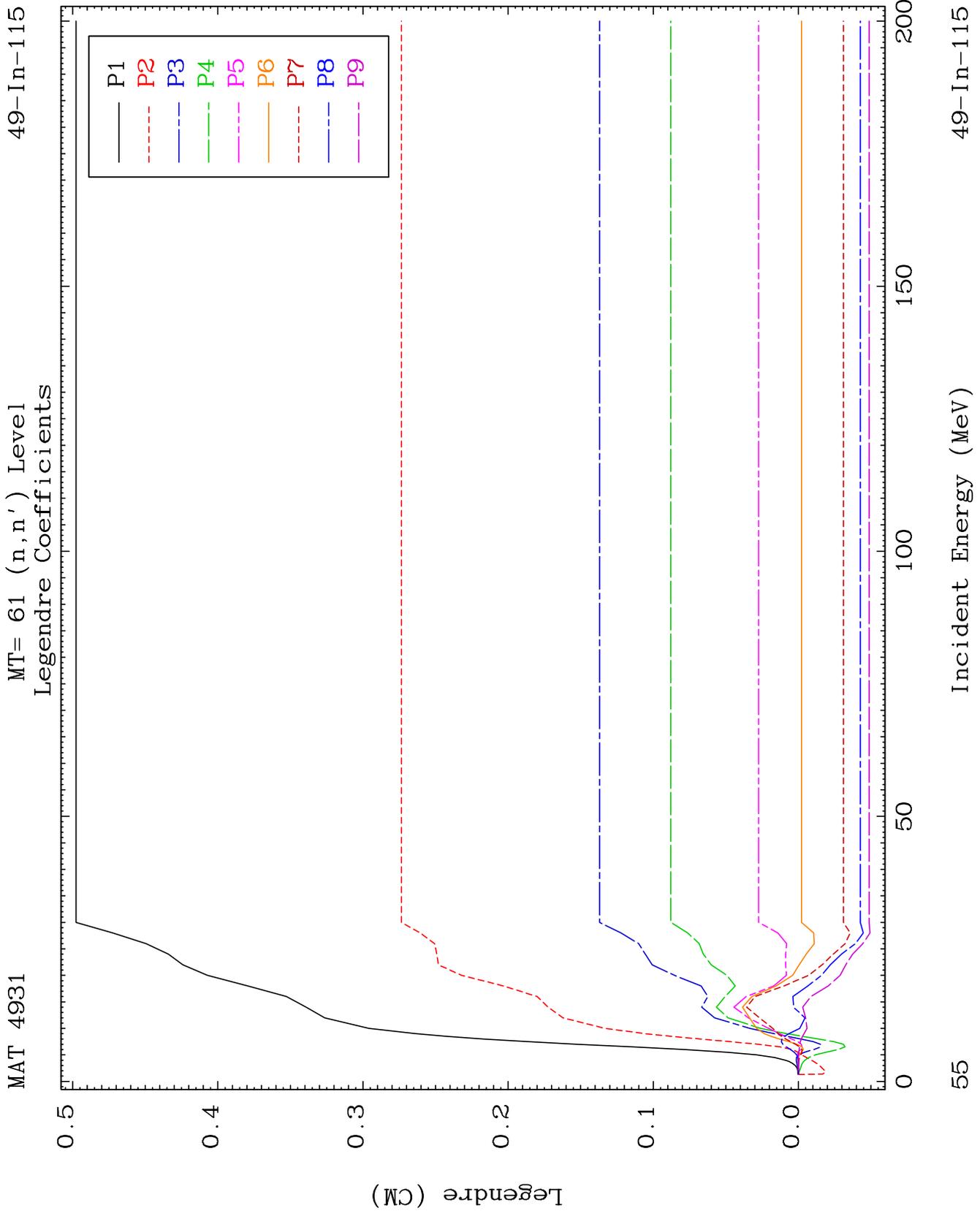
Incident Energy (MeV)

49-In-115





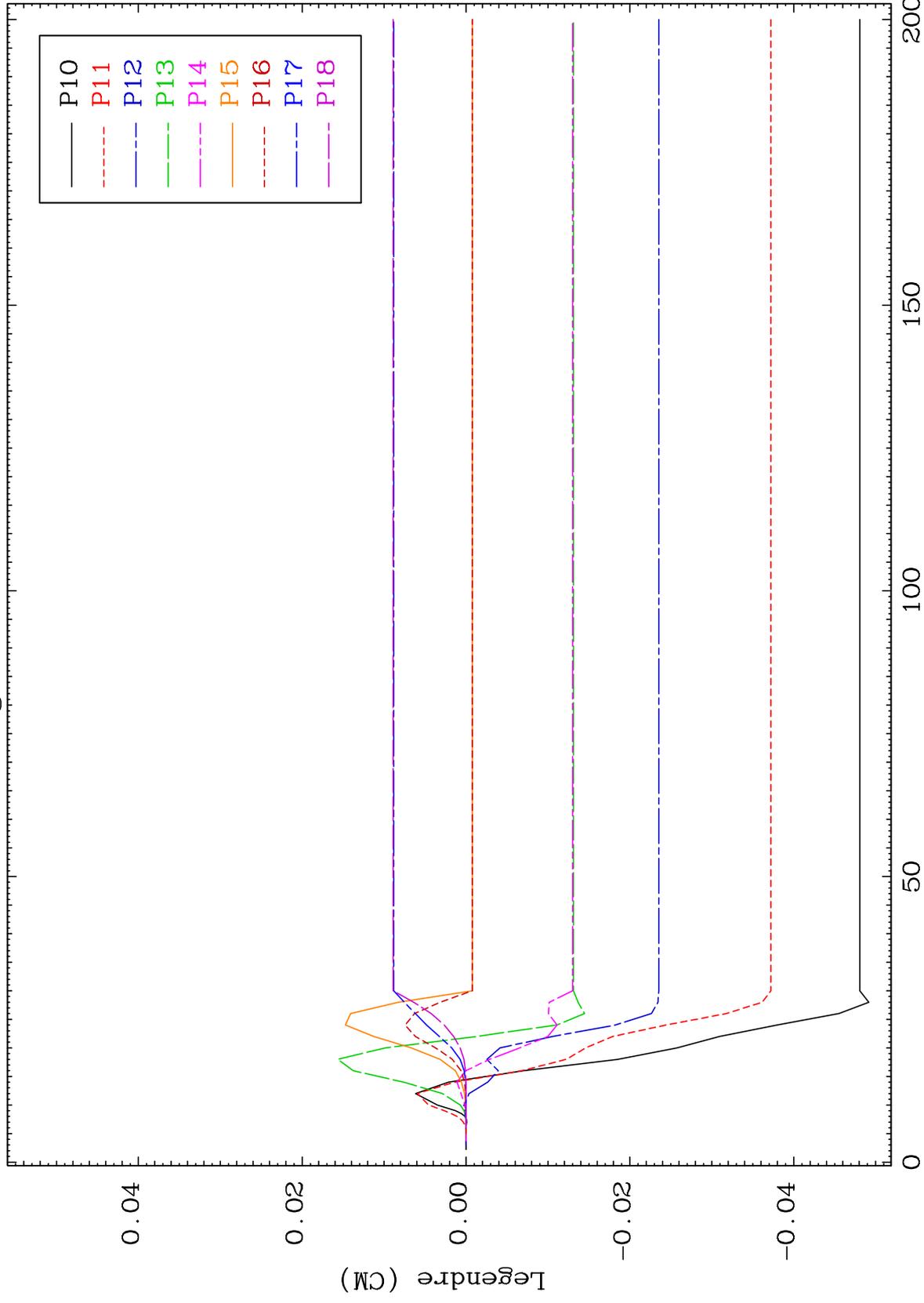




MAT 4931

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

49-In-115



56

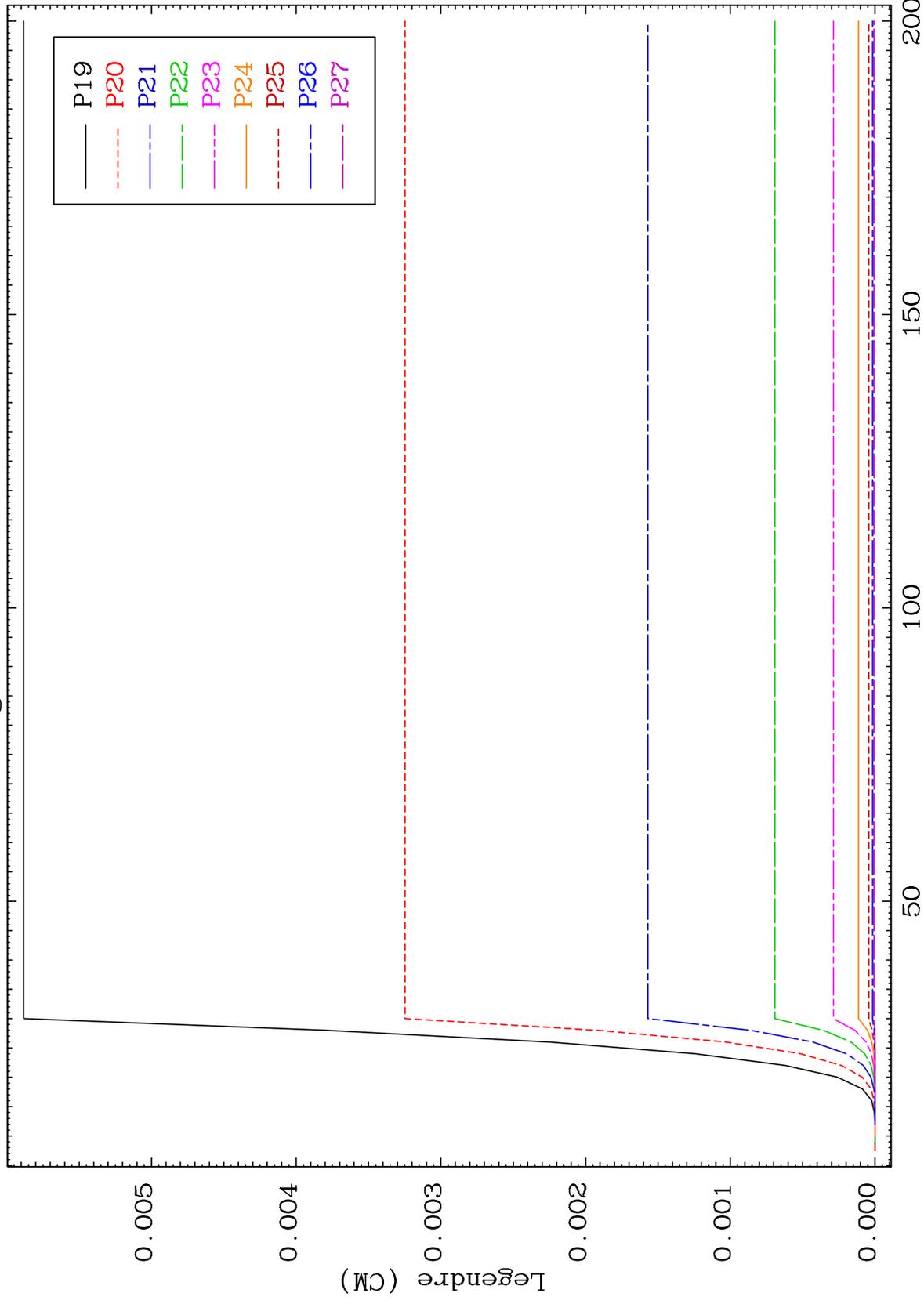
Incident Energy (MeV)

49-In-115

MAT 4931

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

49-In-115



57

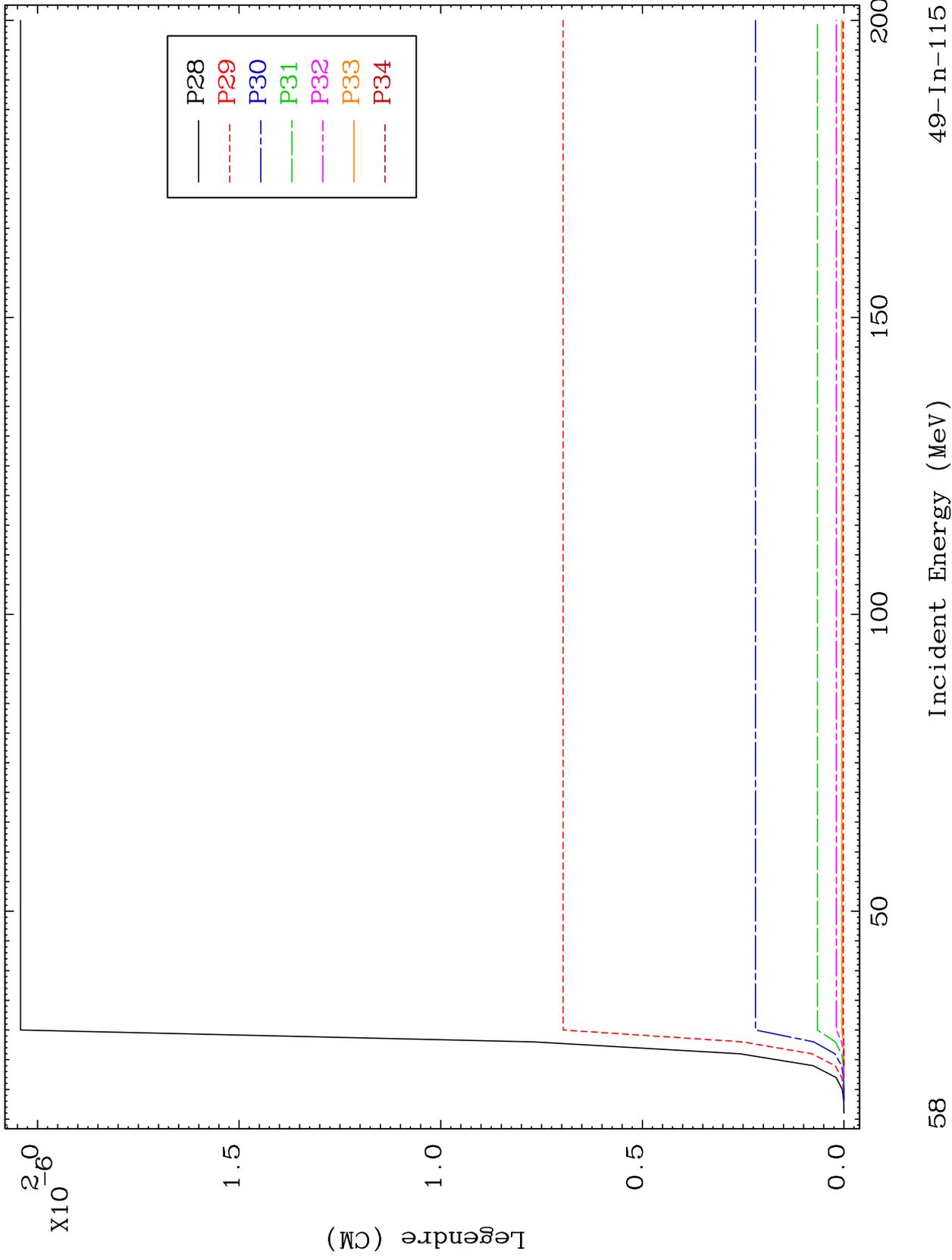
Incident Energy (MeV)

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MAT 4931

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

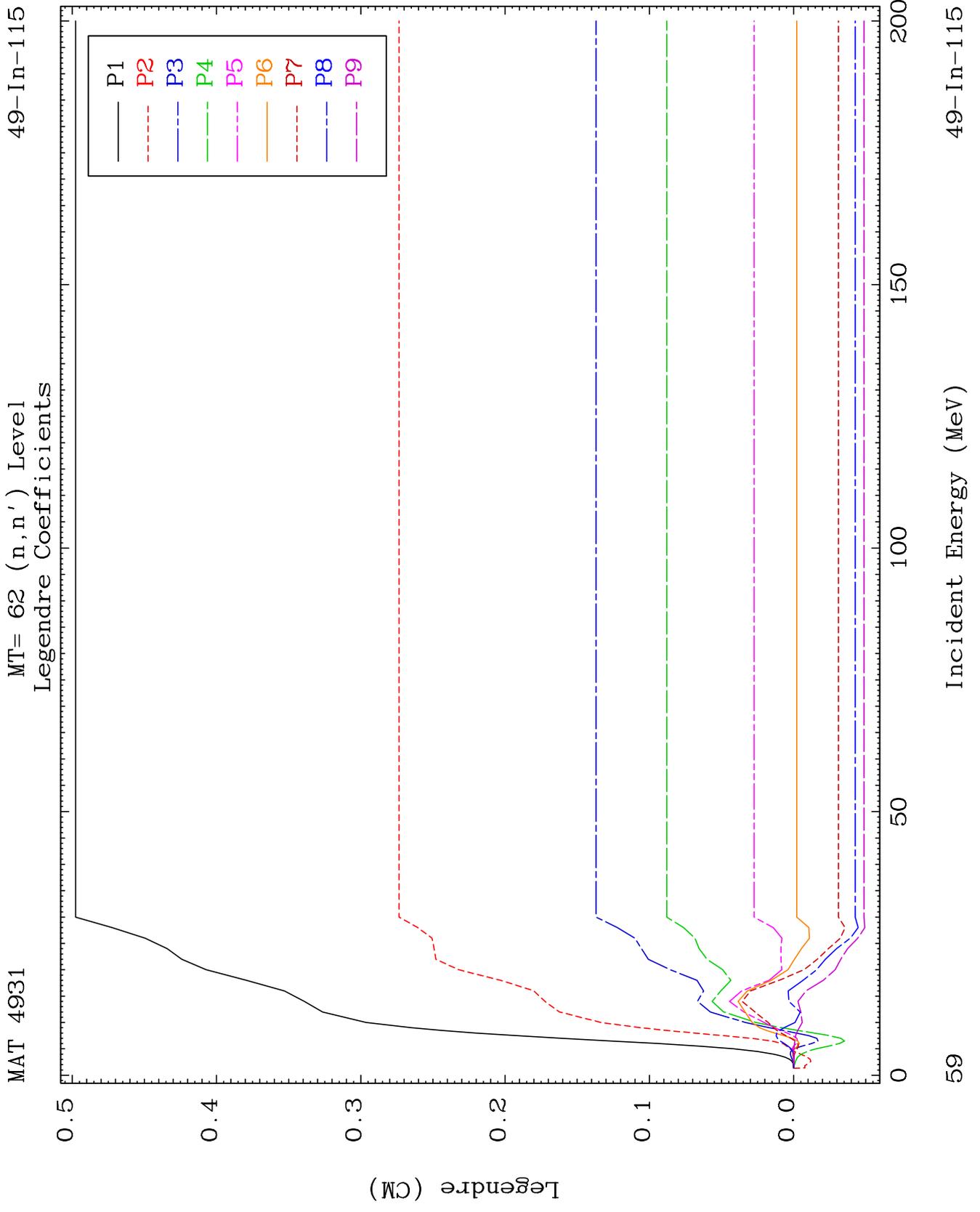
49-In-115



58

Incident Energy (MeV)

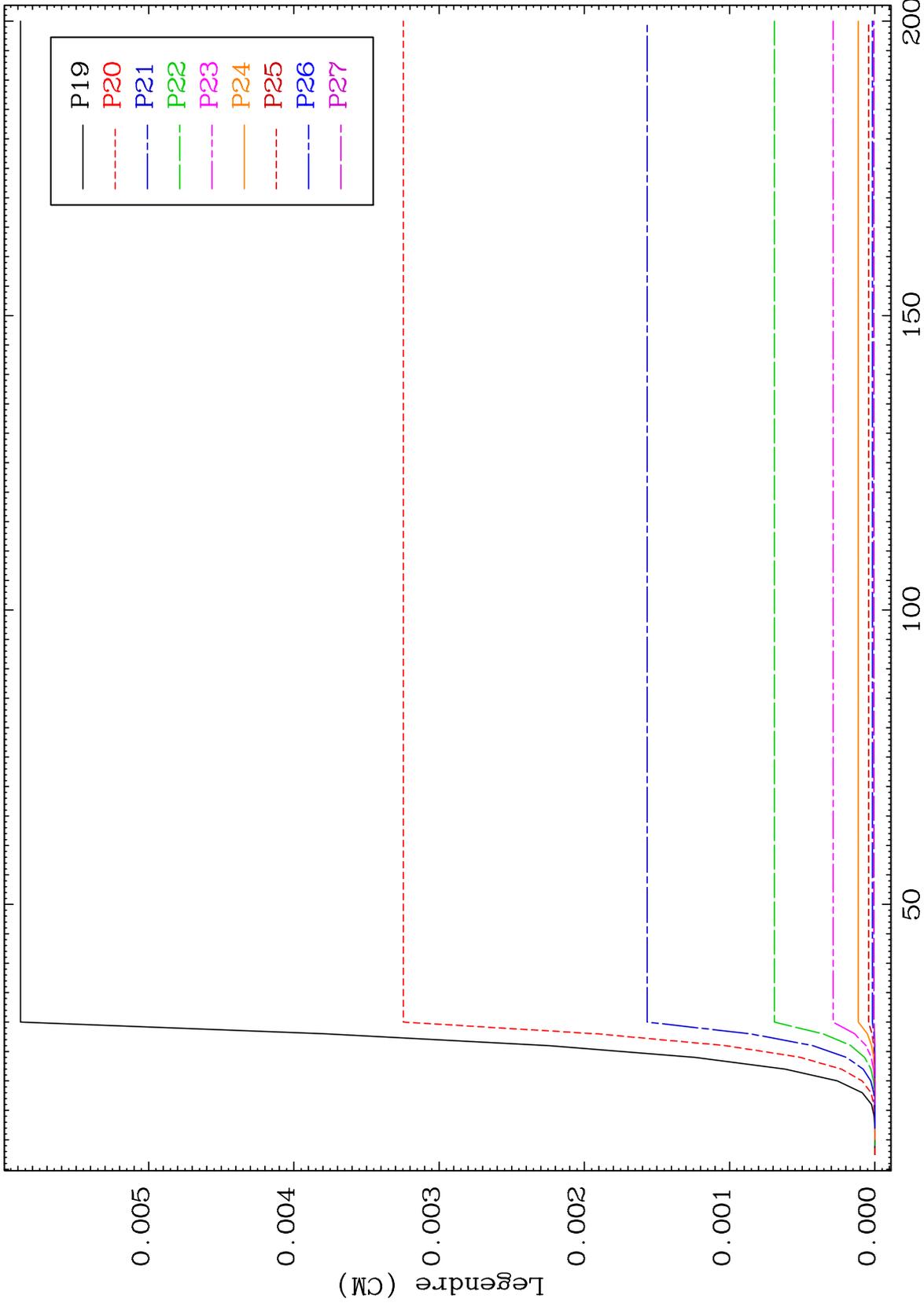
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MAT 4931

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

49-In-115



61

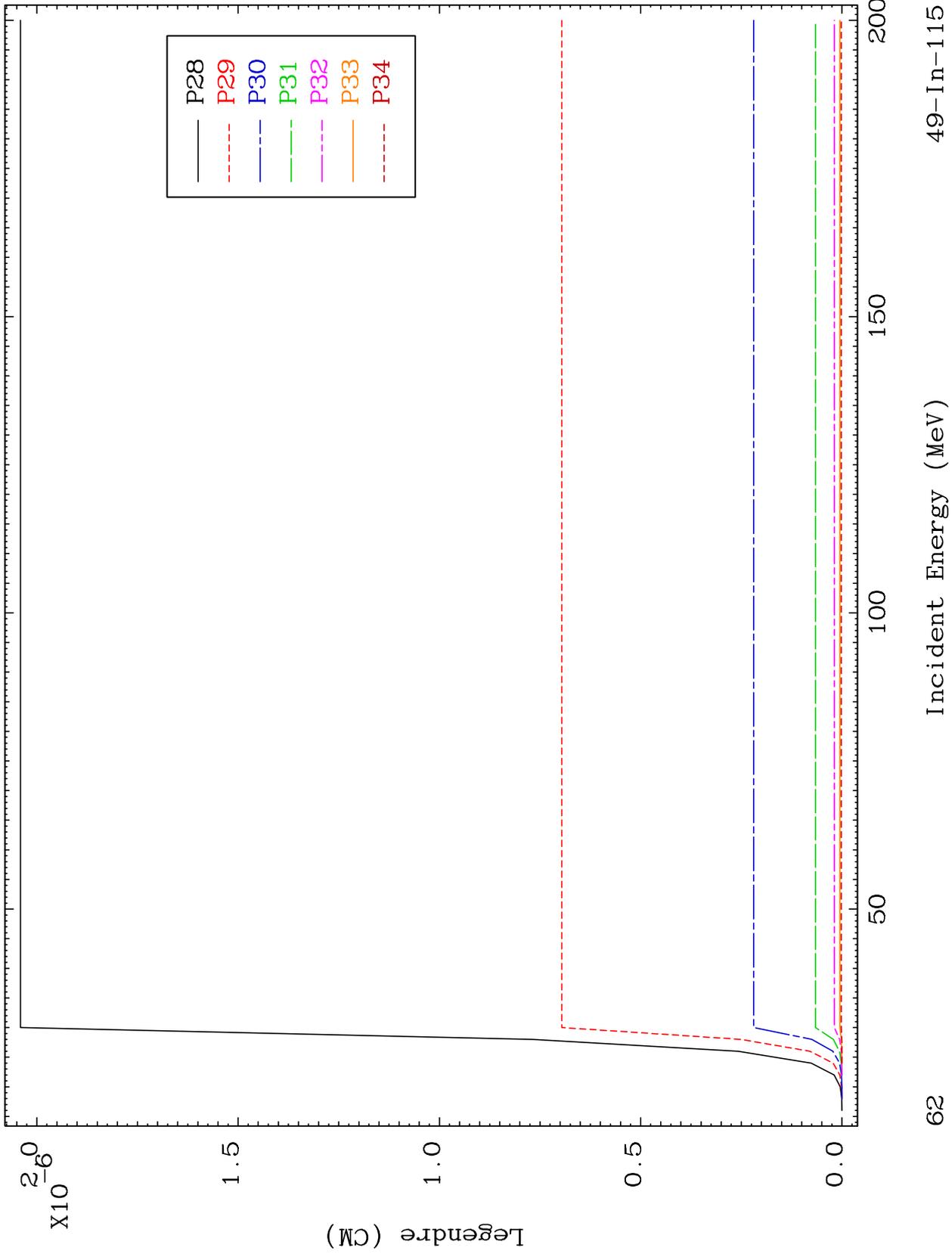
Incident Energy (MeV)

49-In-115

MAT 4931

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

49-In-115



62

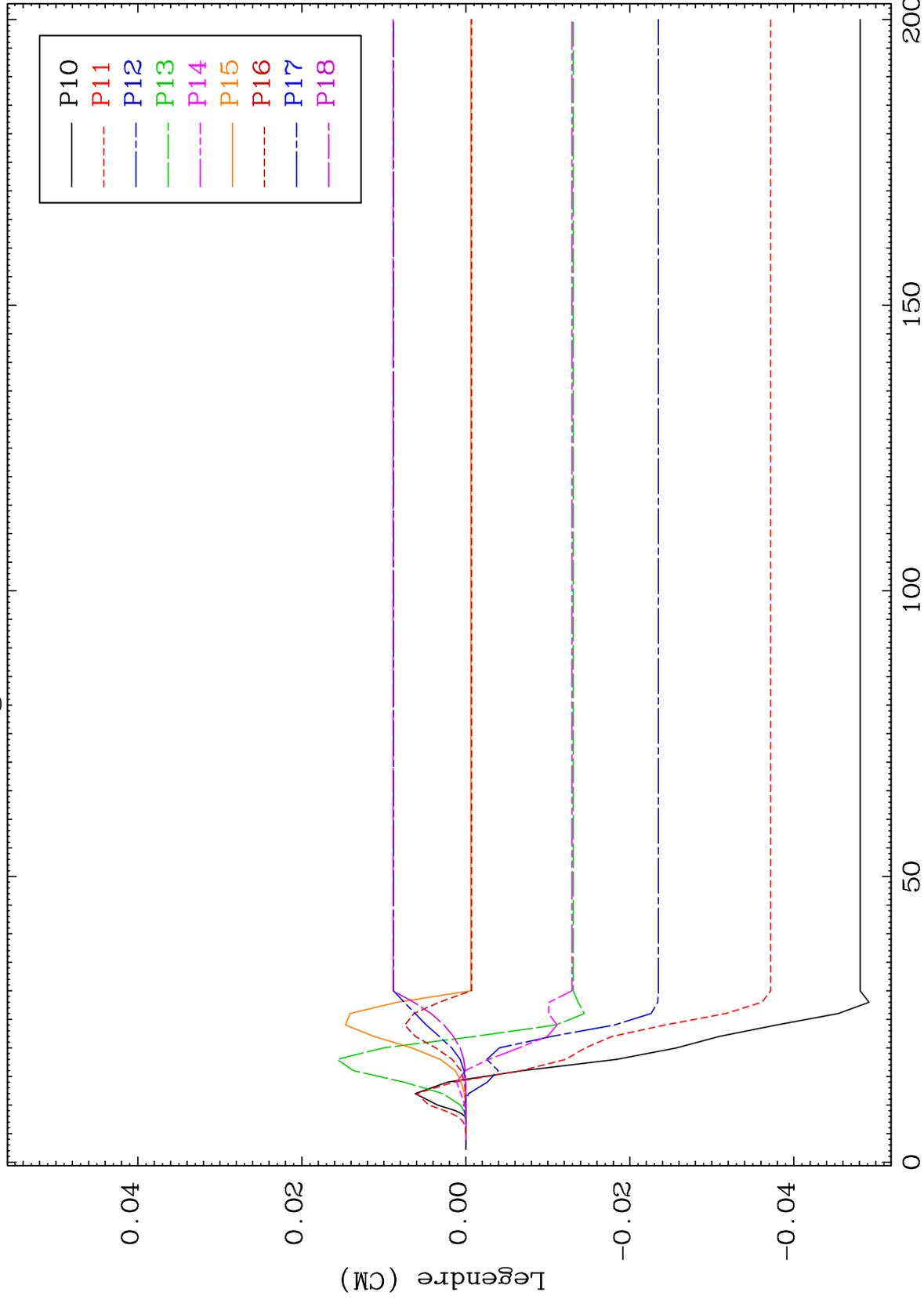
Incident Energy (MeV)

49-In-115

MAT 4931

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

49-In-115



64

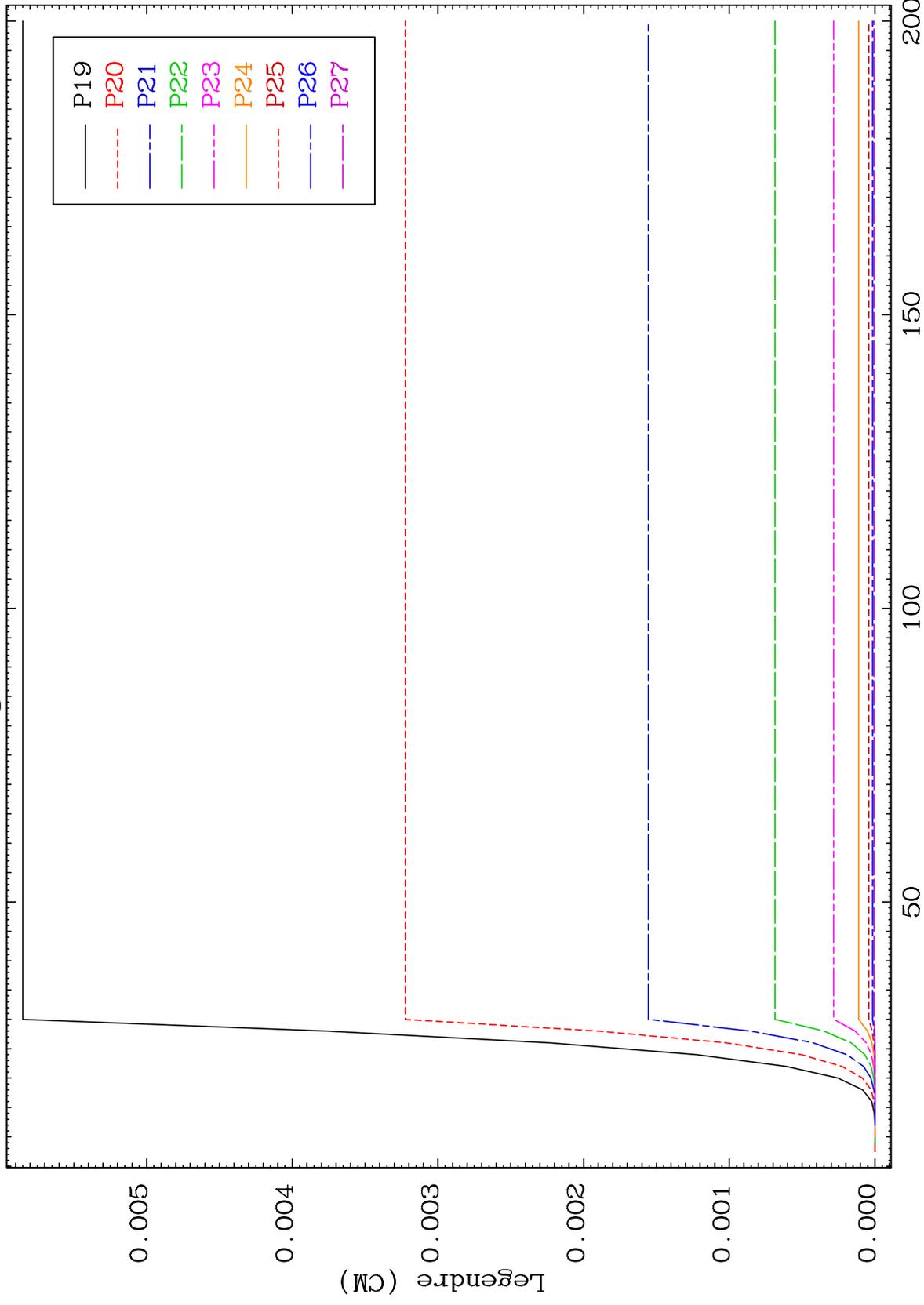
Incident Energy (MeV)

49-In-115

MAT 4931

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

49-In-115



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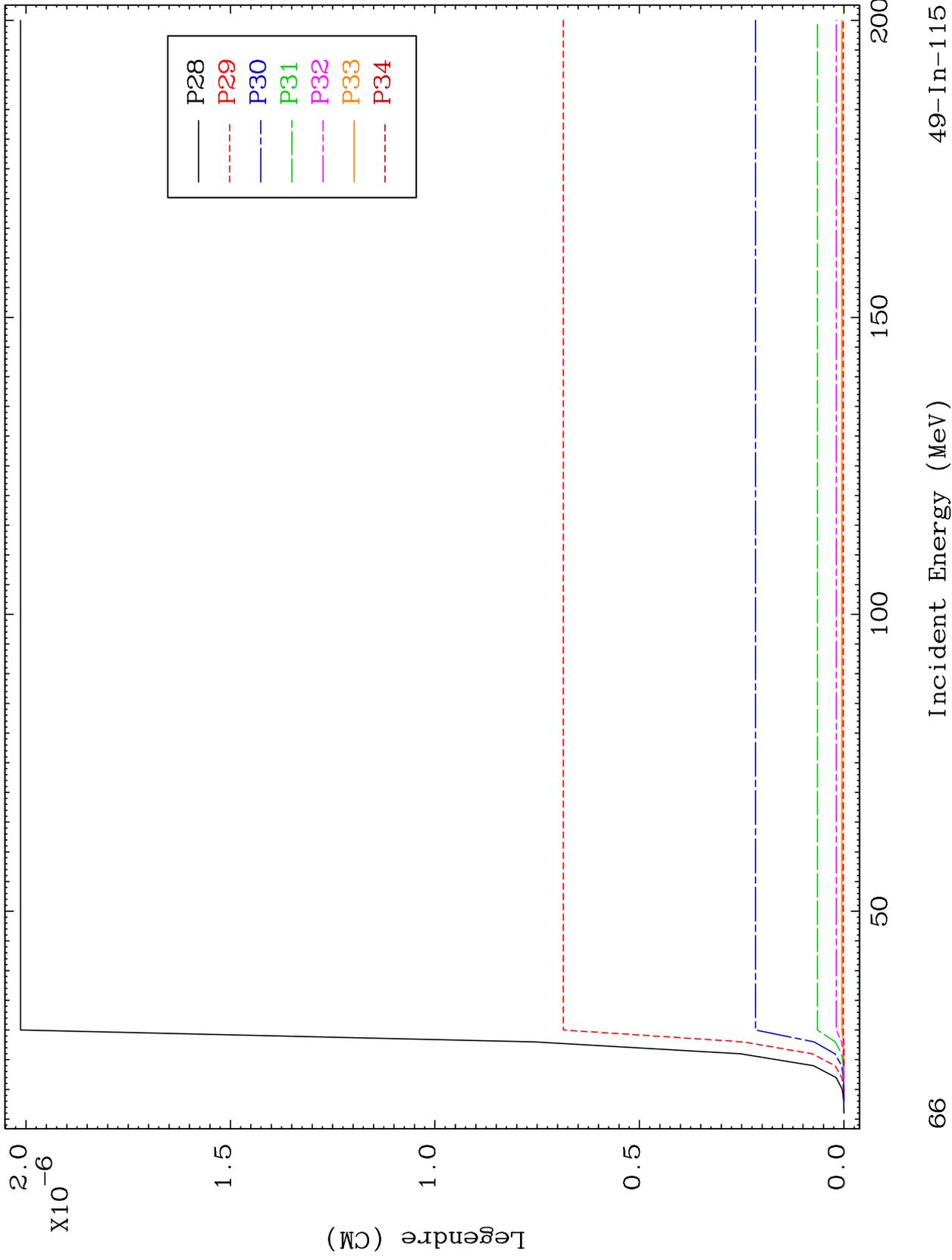
Incident Energy (MeV)

49-In-115

MAT 4931

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

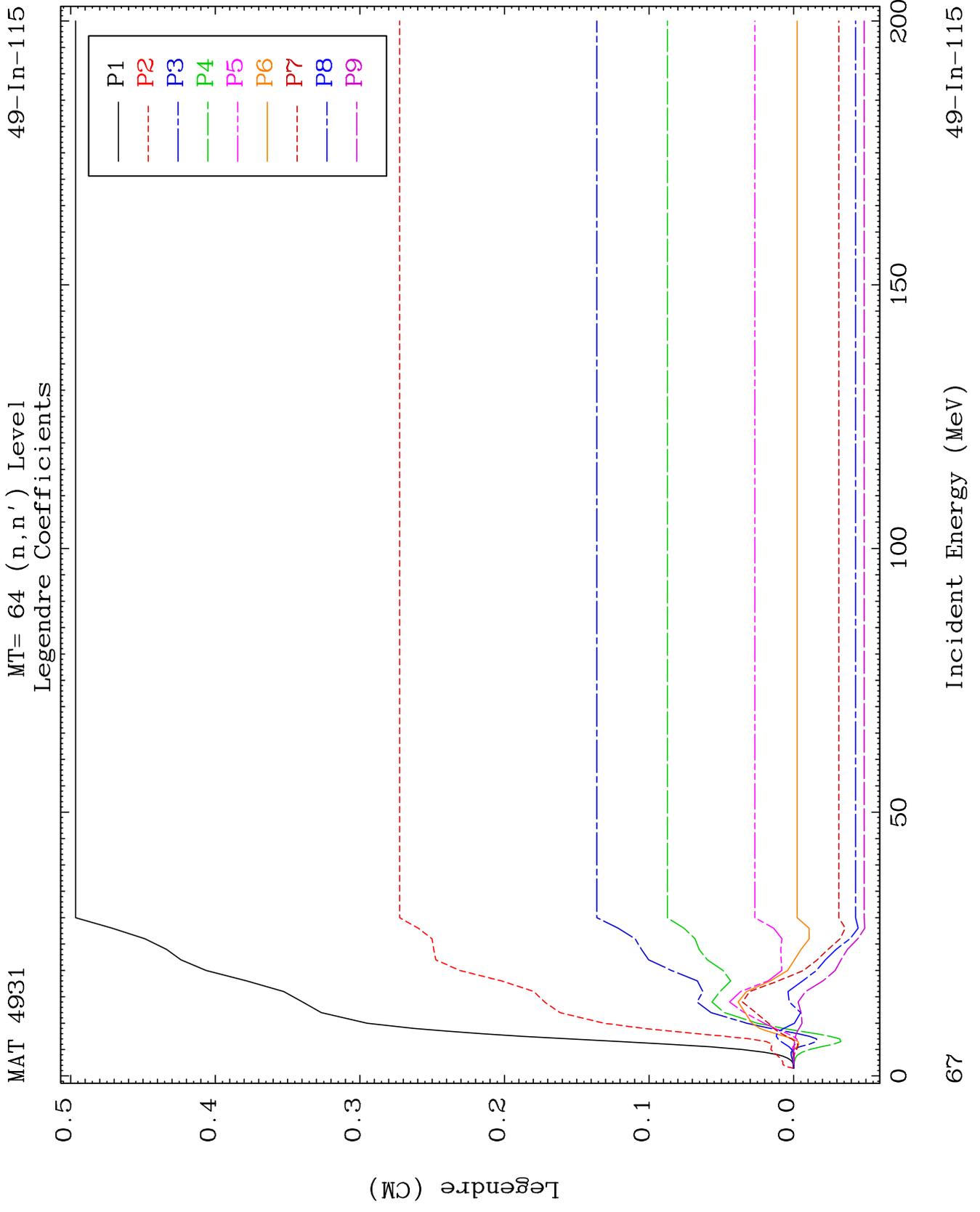
49-In-115



66

Incident Energy (MeV)

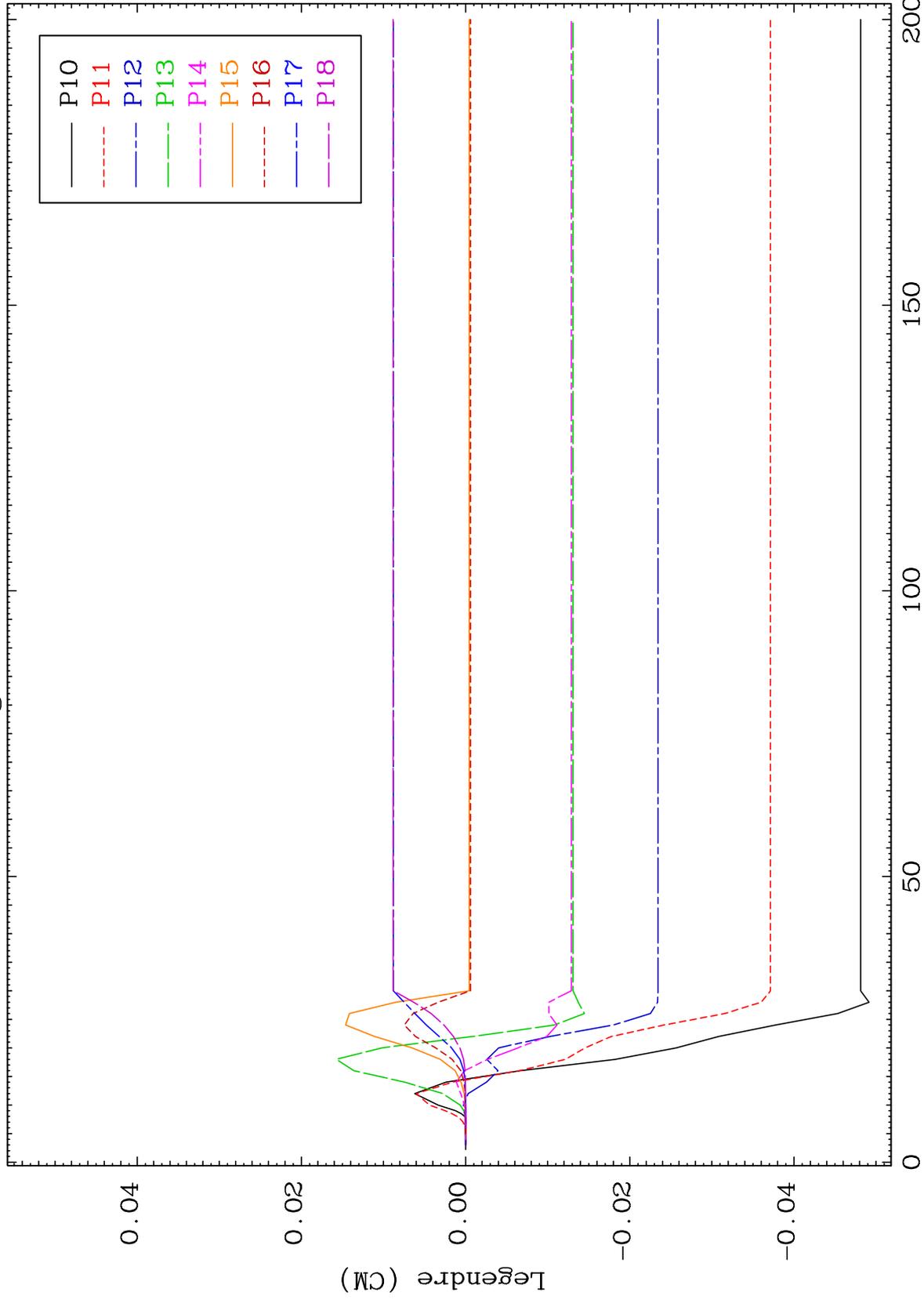
49-In-115



MAT 4931

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

49-In-115



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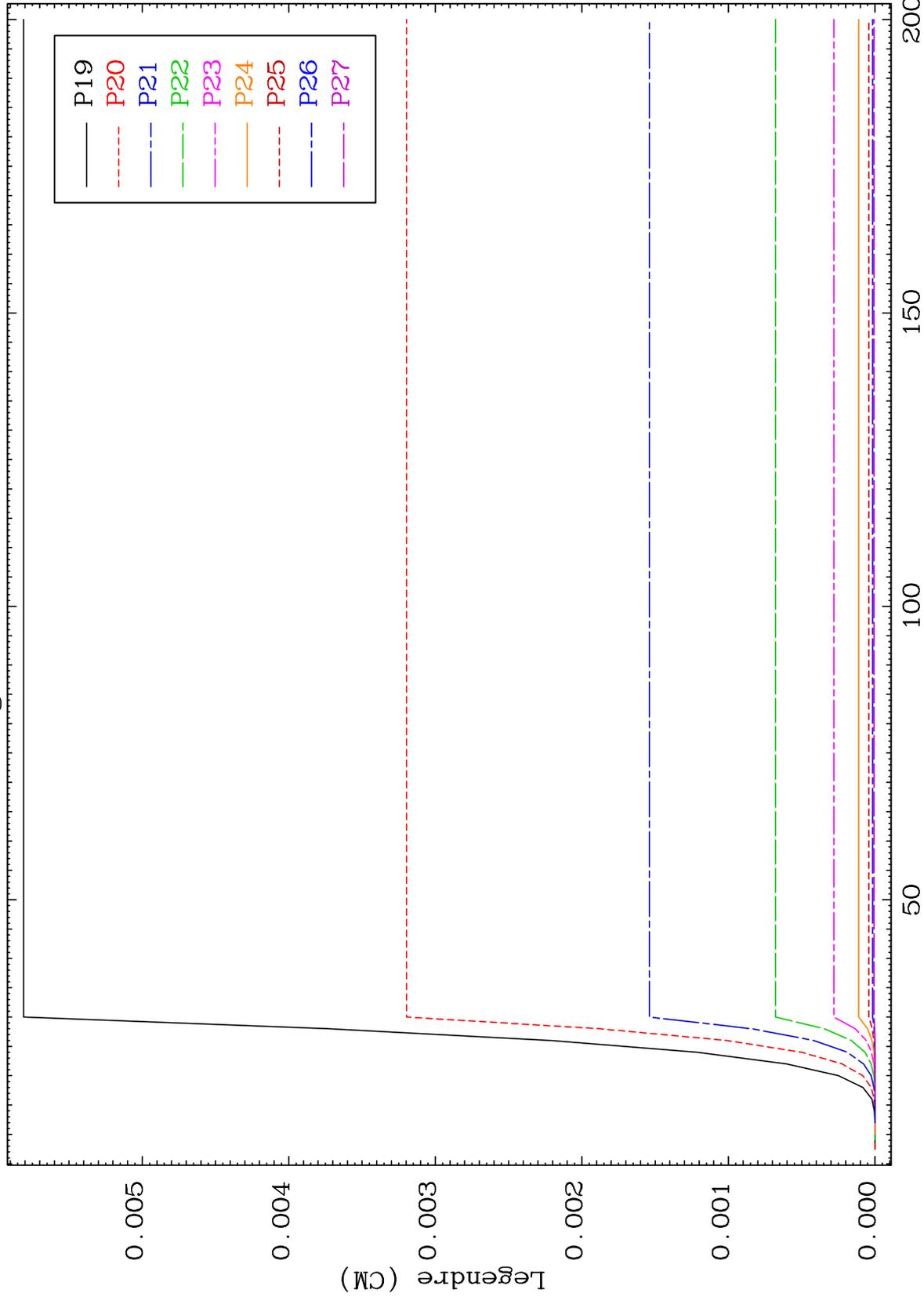
Incident Energy (MeV)

49-In-115

MAT 4931

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

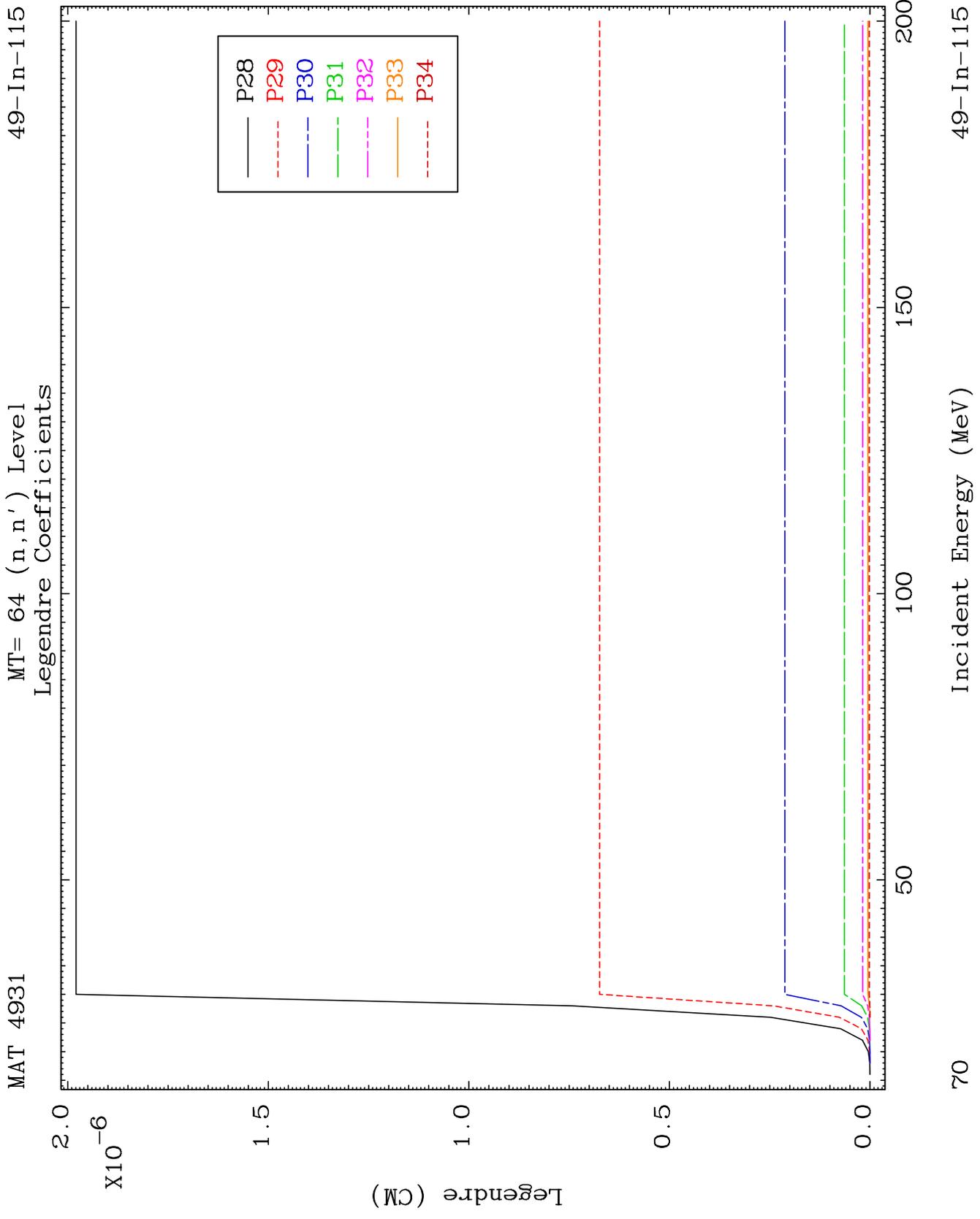
49-In-115



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Incident Energy (MeV)

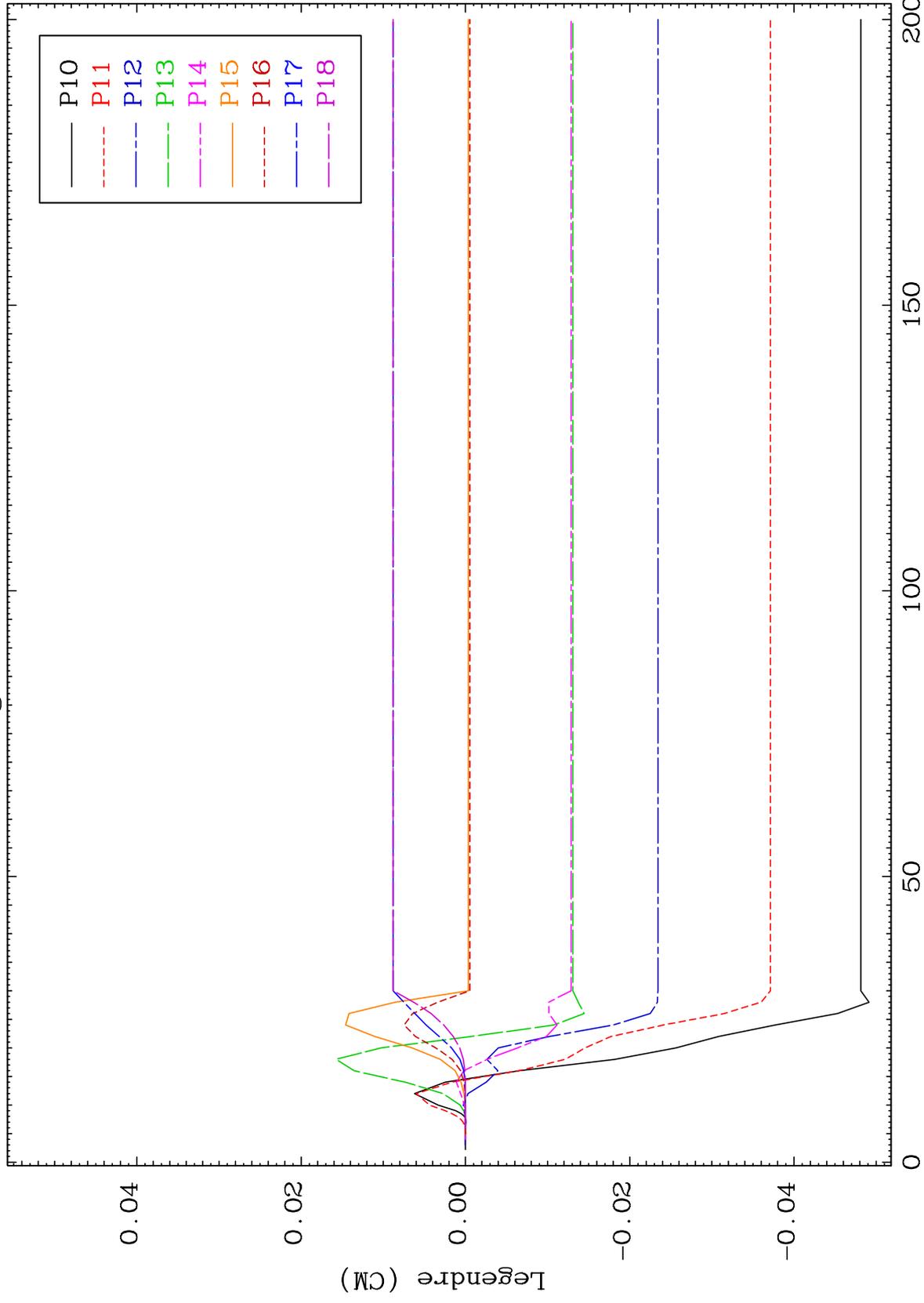
49-In-115



MAT 4931

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

49-In-115



72

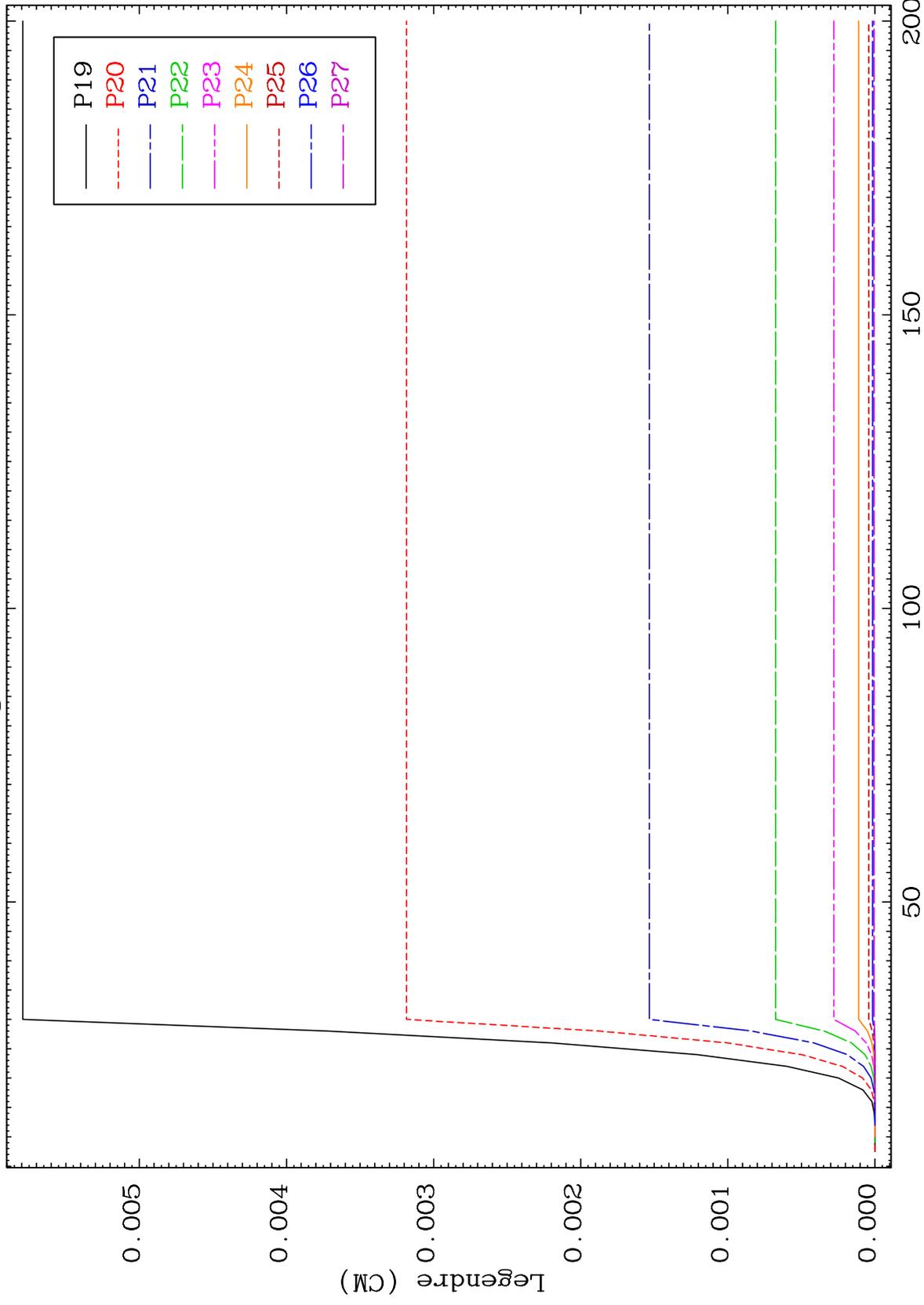
Incident Energy (MeV)

49-In-115

MAT 4931

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

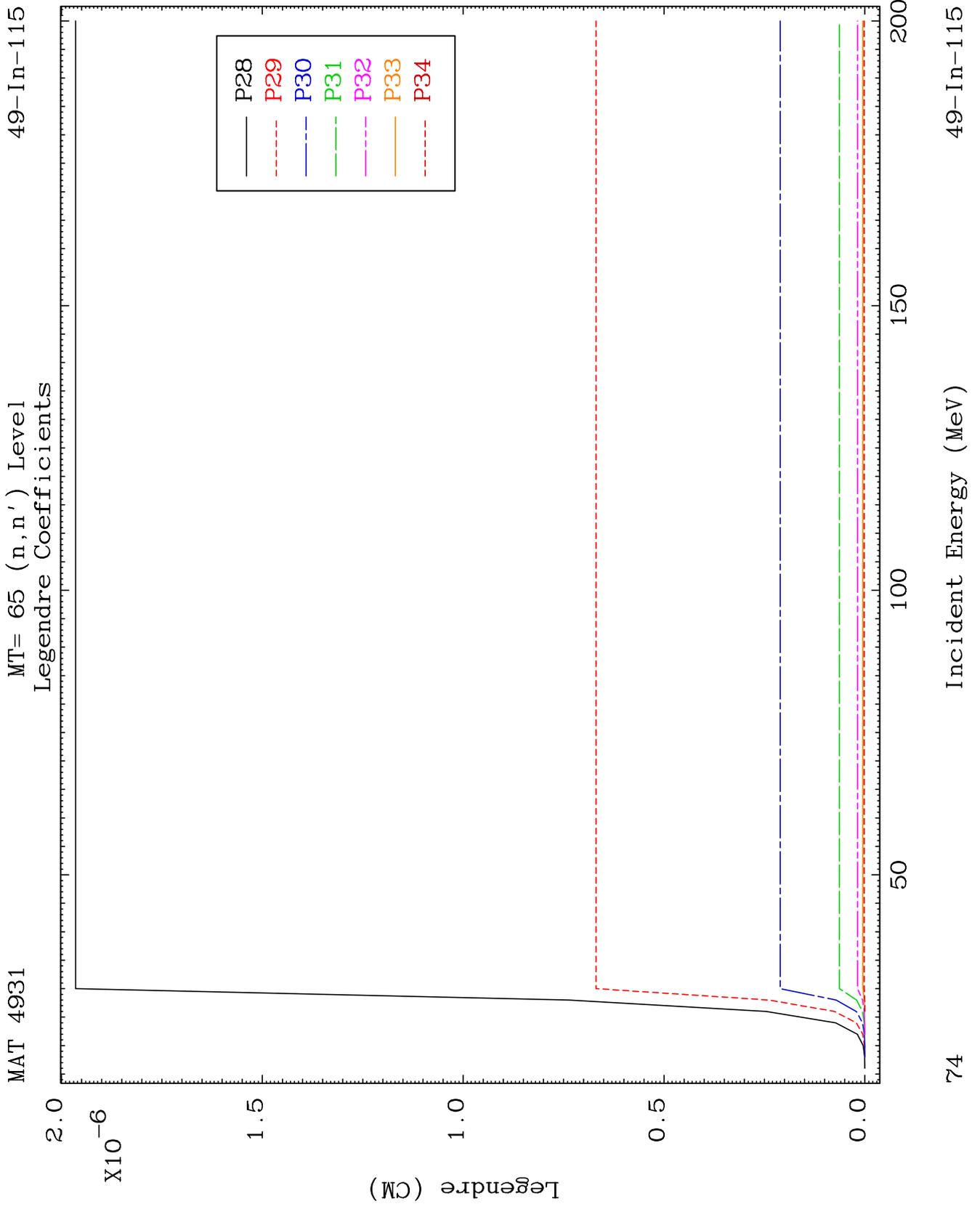
49-In-115

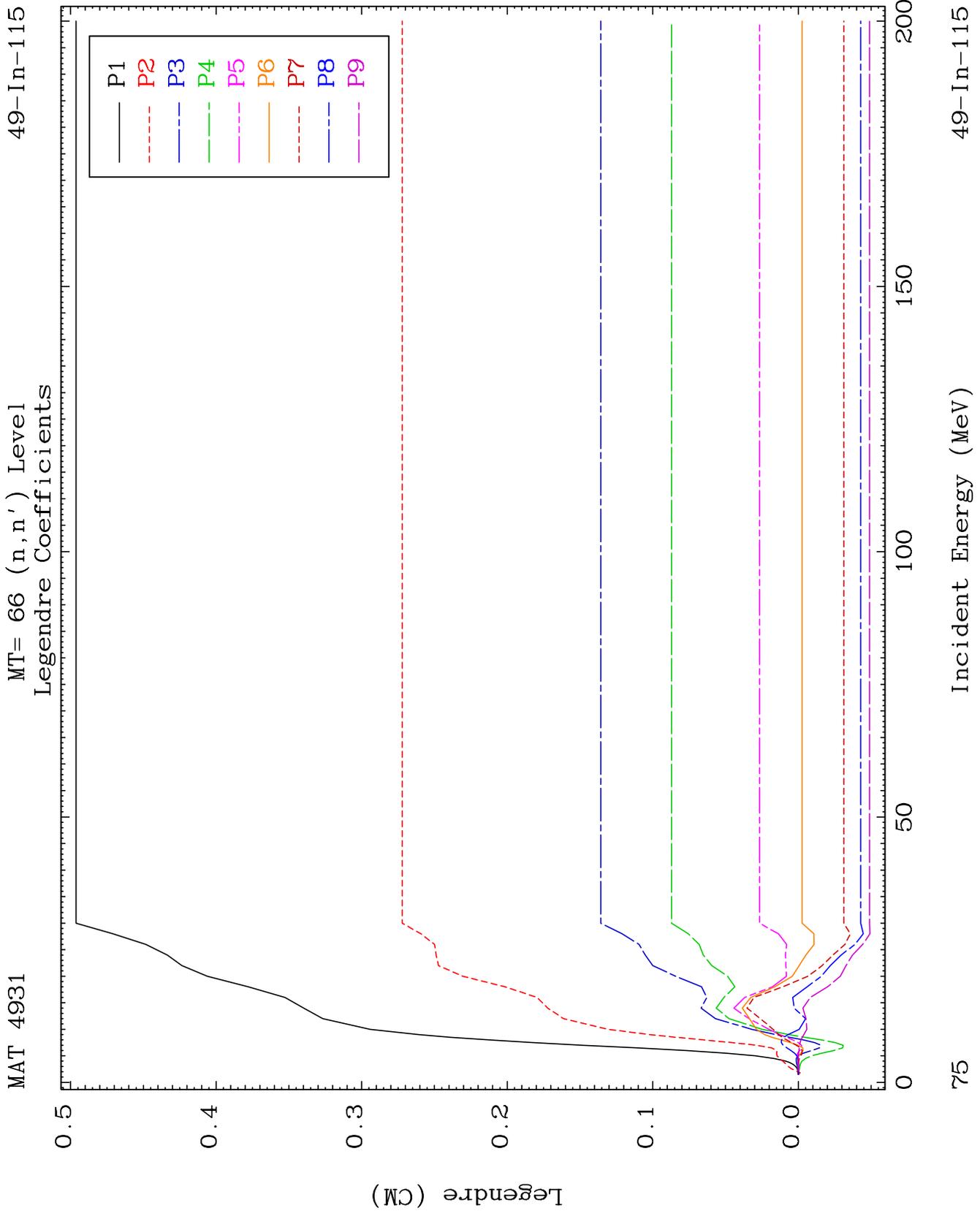


73

Incident Energy (MeV)

49-In-115

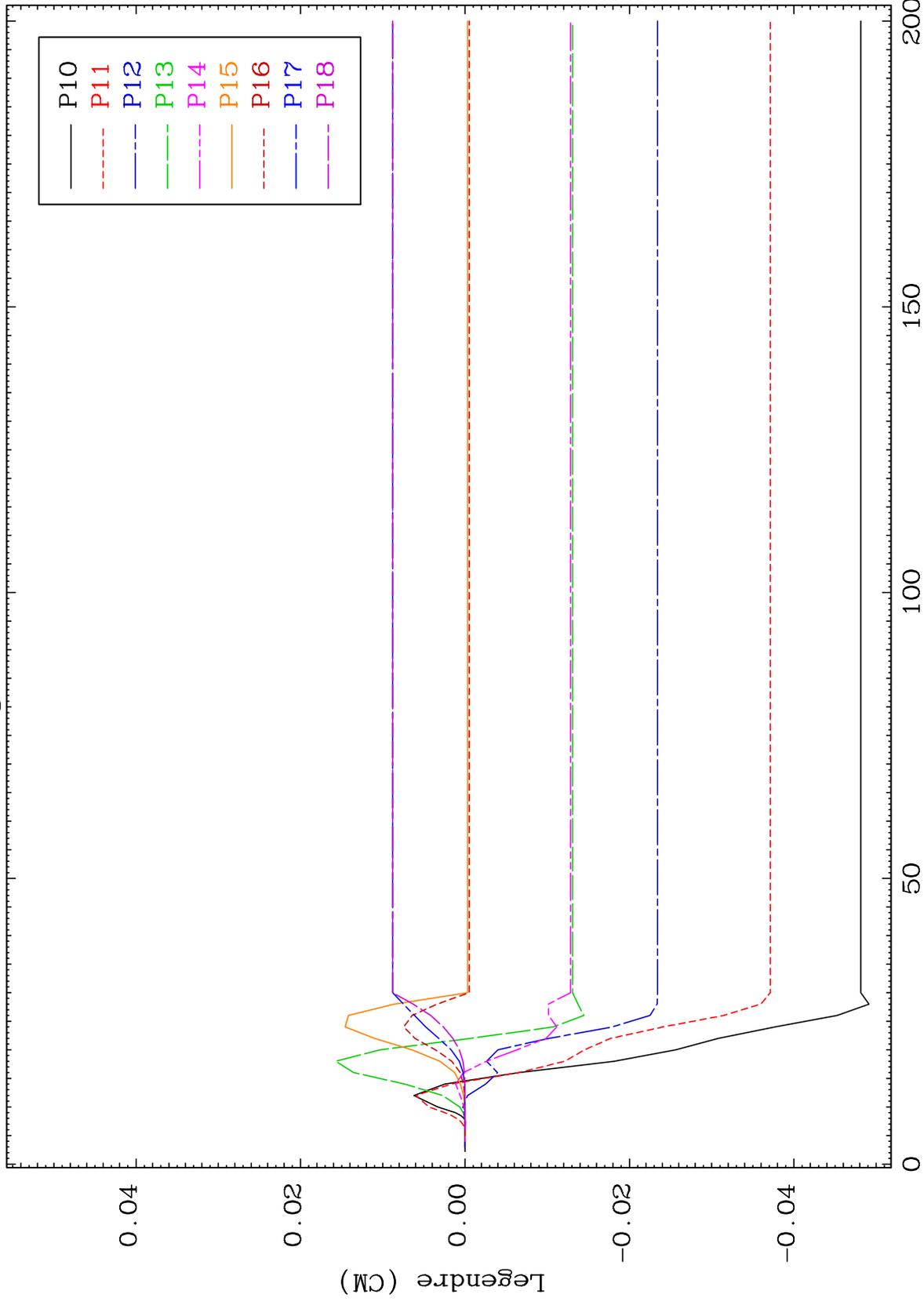




MAT 4931

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

49-In-115



76

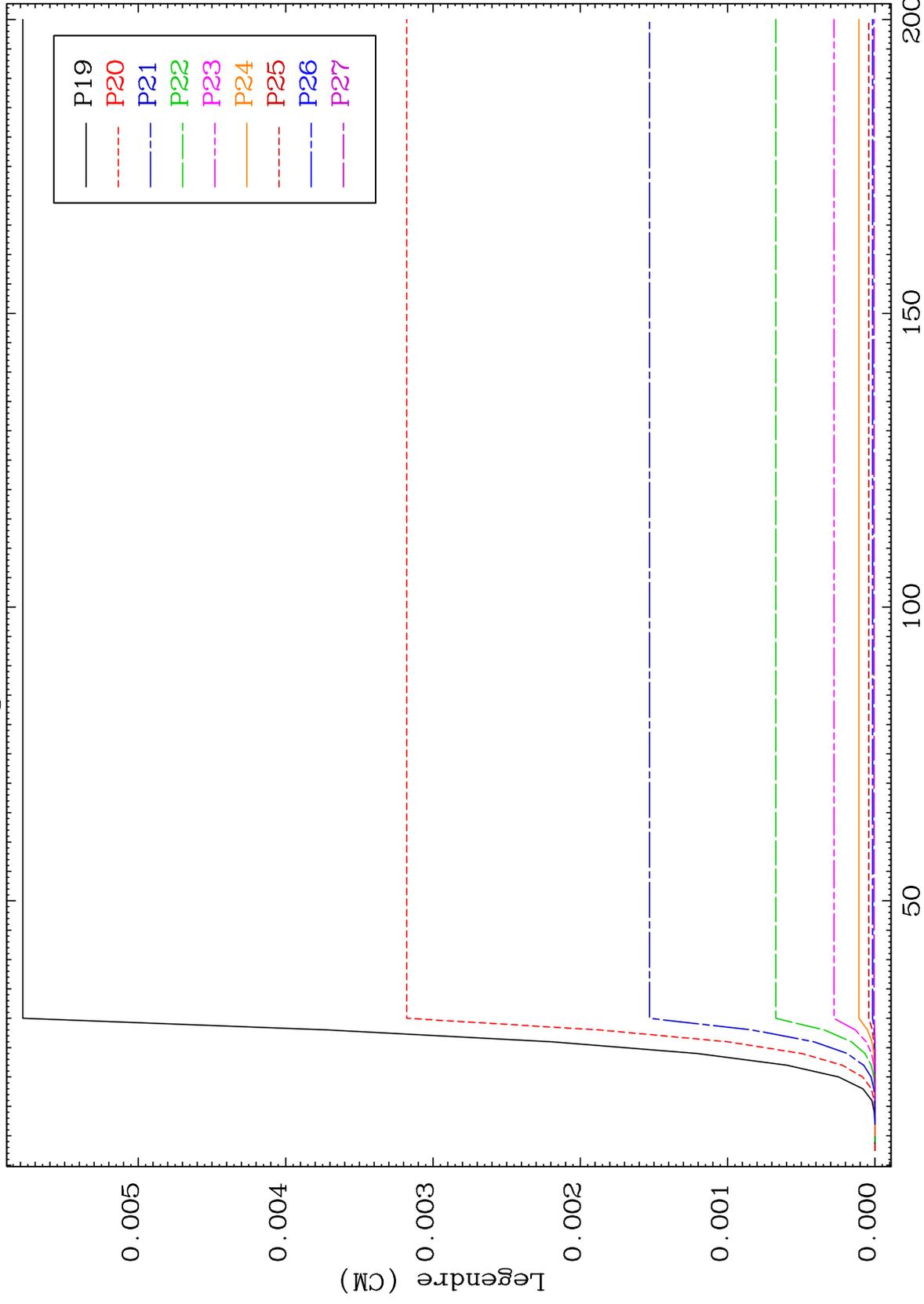
Incident Energy (MeV)

49-In-115

MAT 4931

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

49-In-115



77

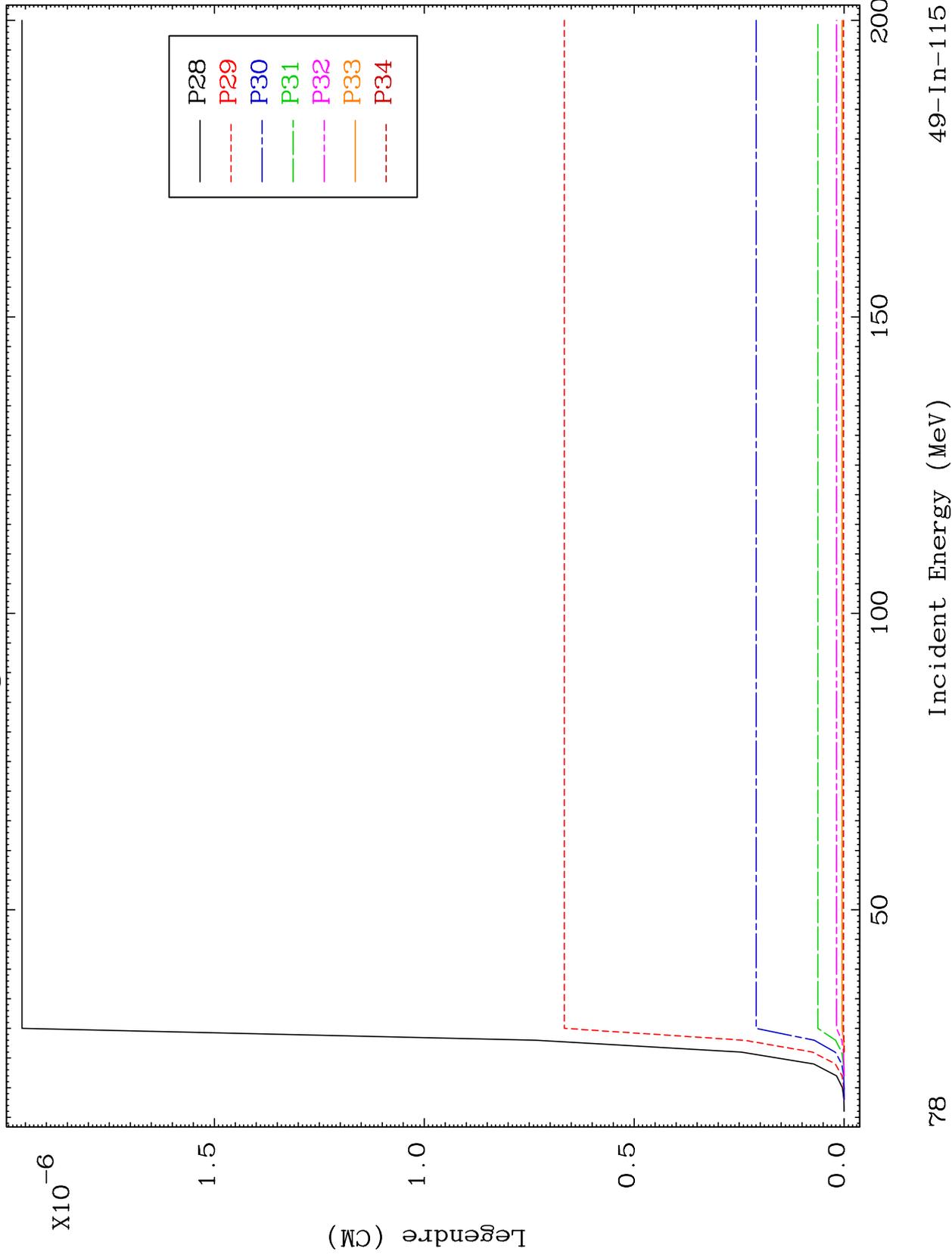
Incident Energy (MeV)

49-In-115

MAT 4931

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

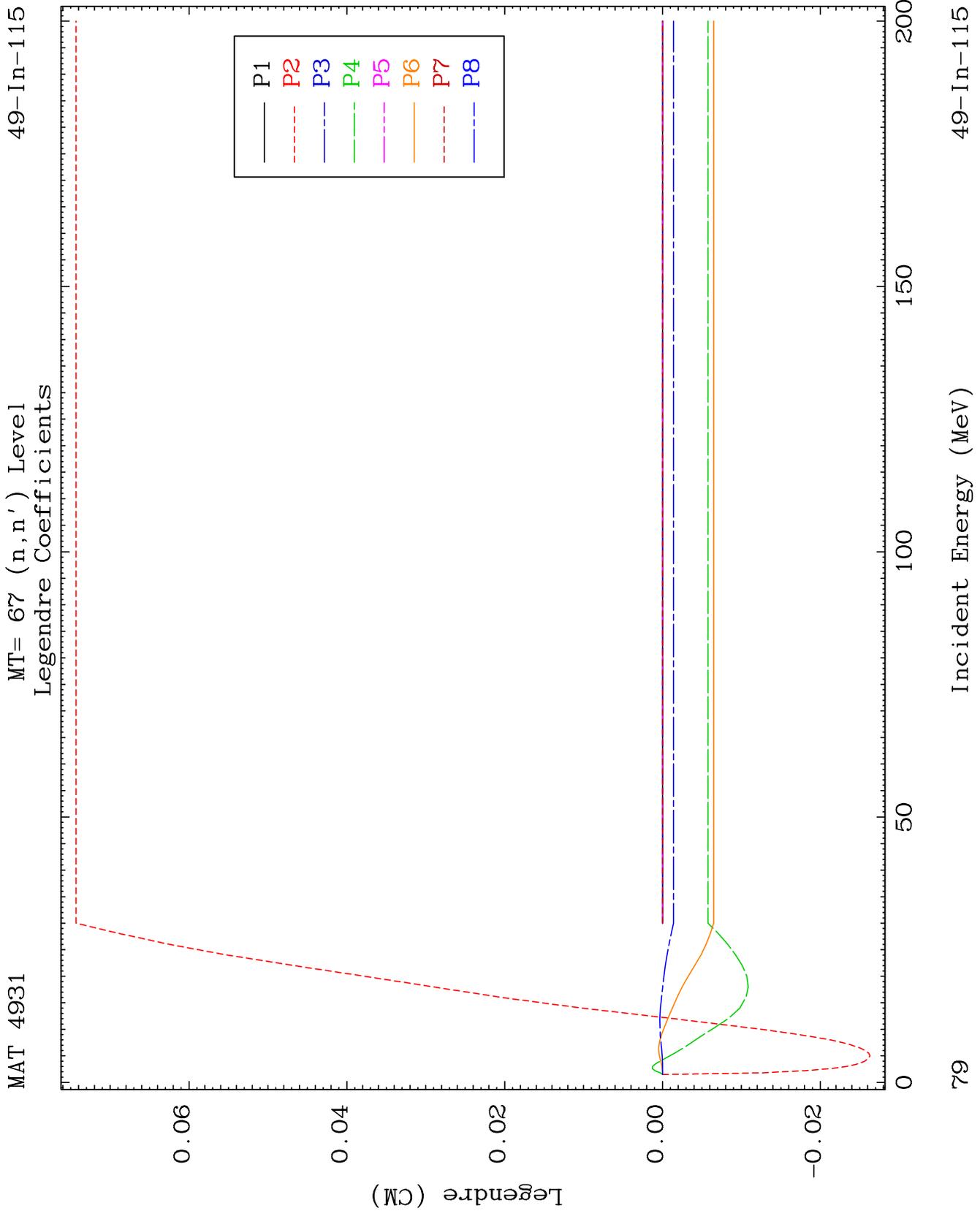
49-In-115

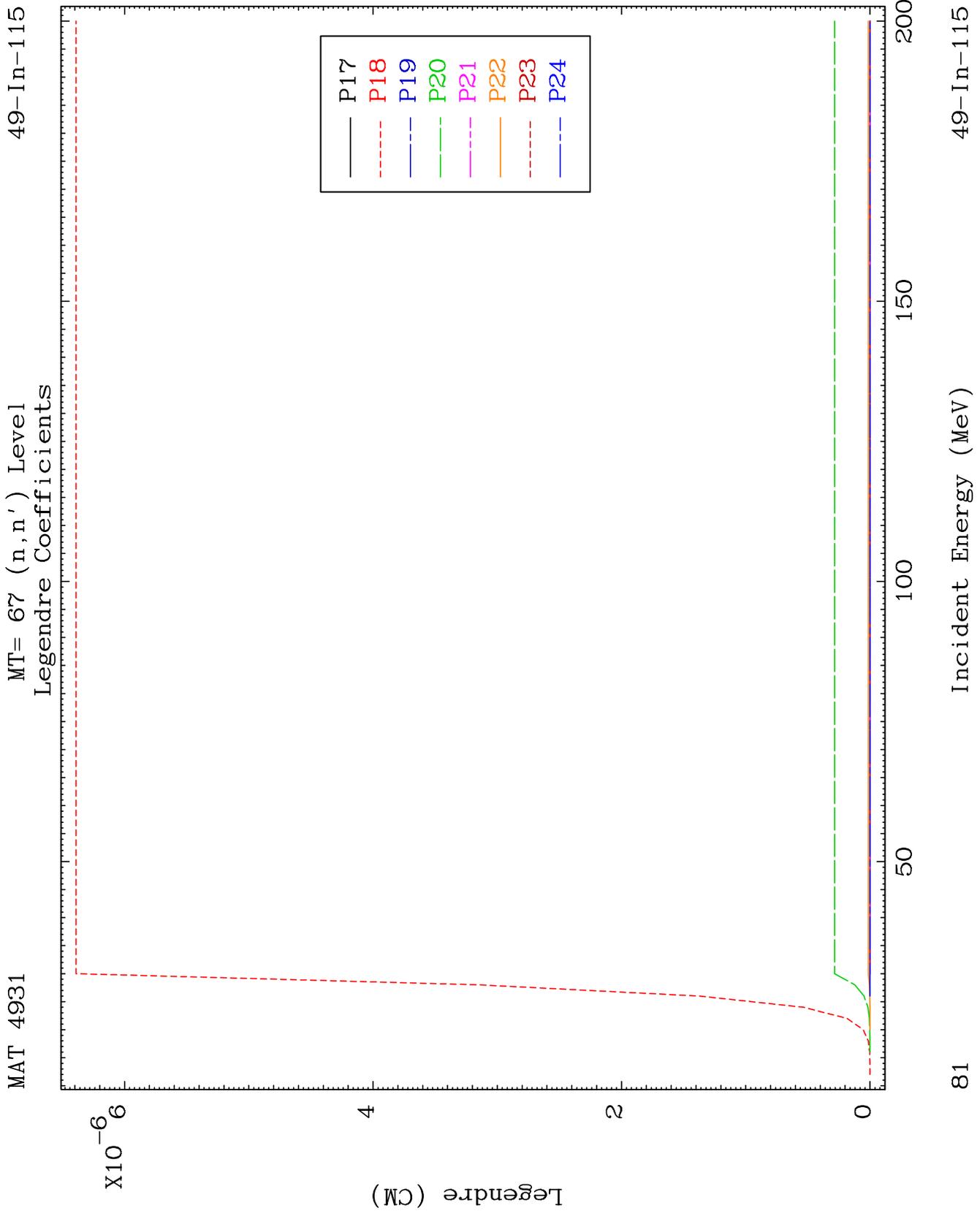


78

Incident Energy (MeV)

49-In-115

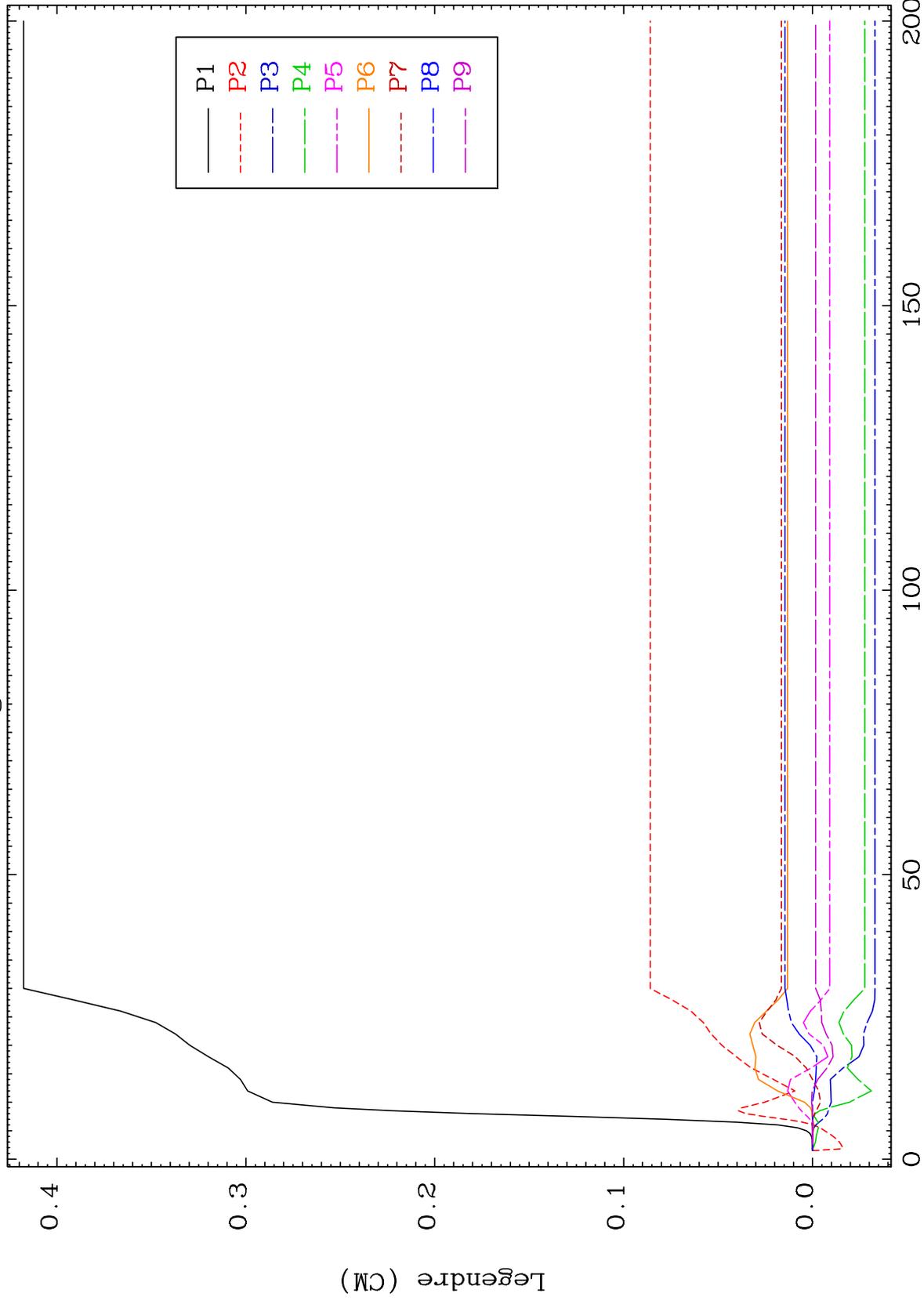




MAT 4931

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

49-In-115



82

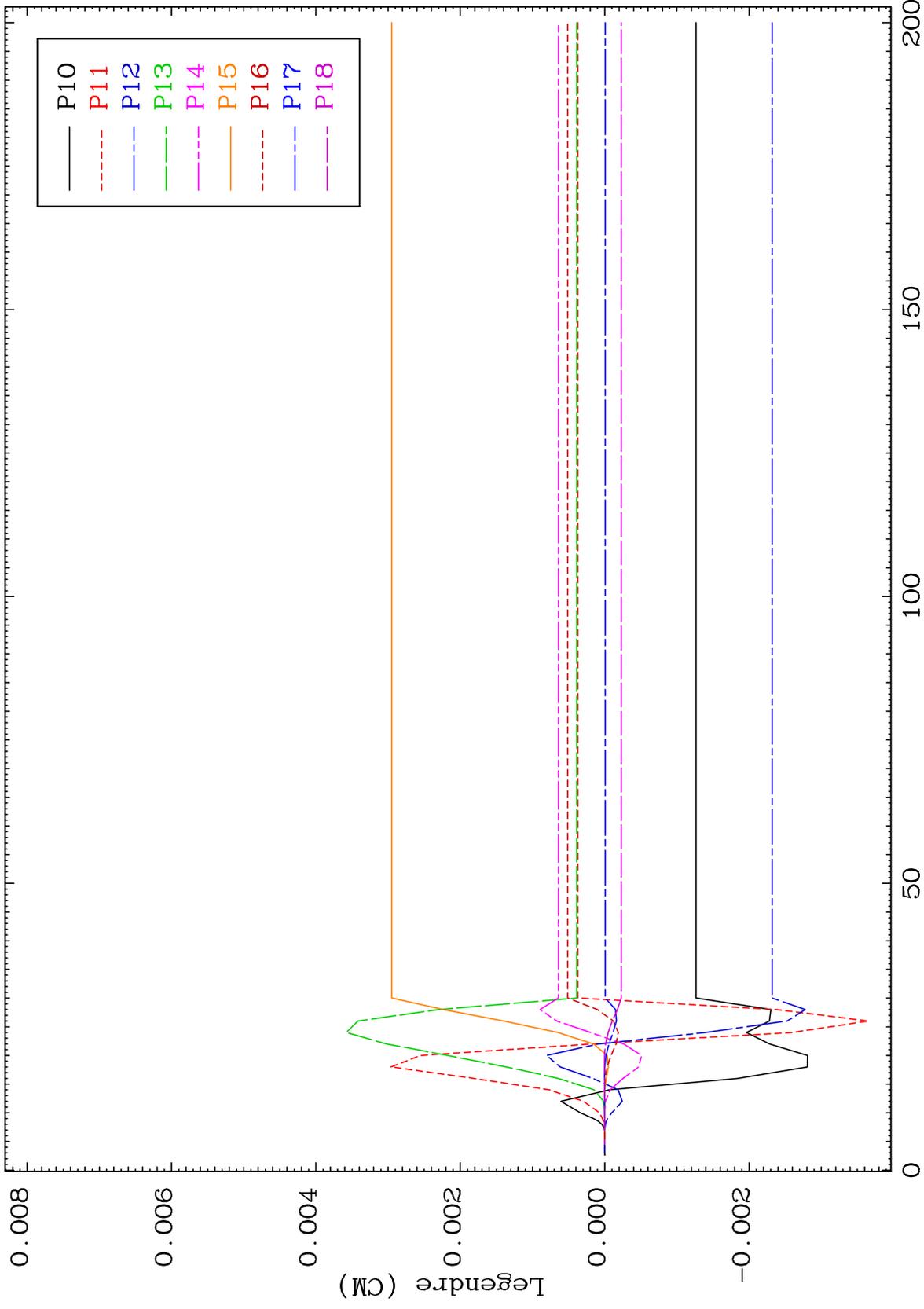
Incident Energy (MeV)

49-In-115

MAT 4931

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

49-In-115



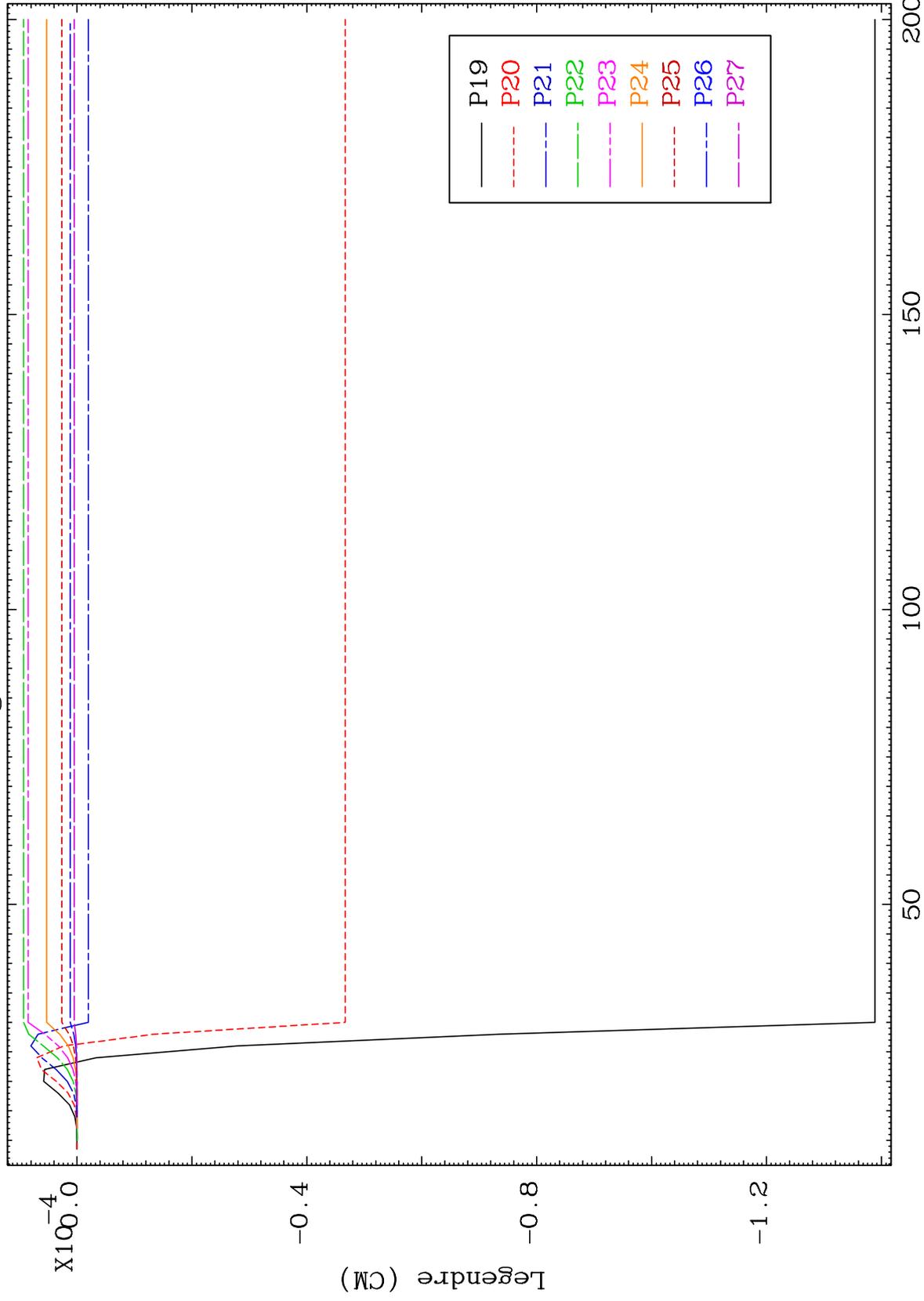
83

49-In-115

MAT 4931

49-In-115

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



84

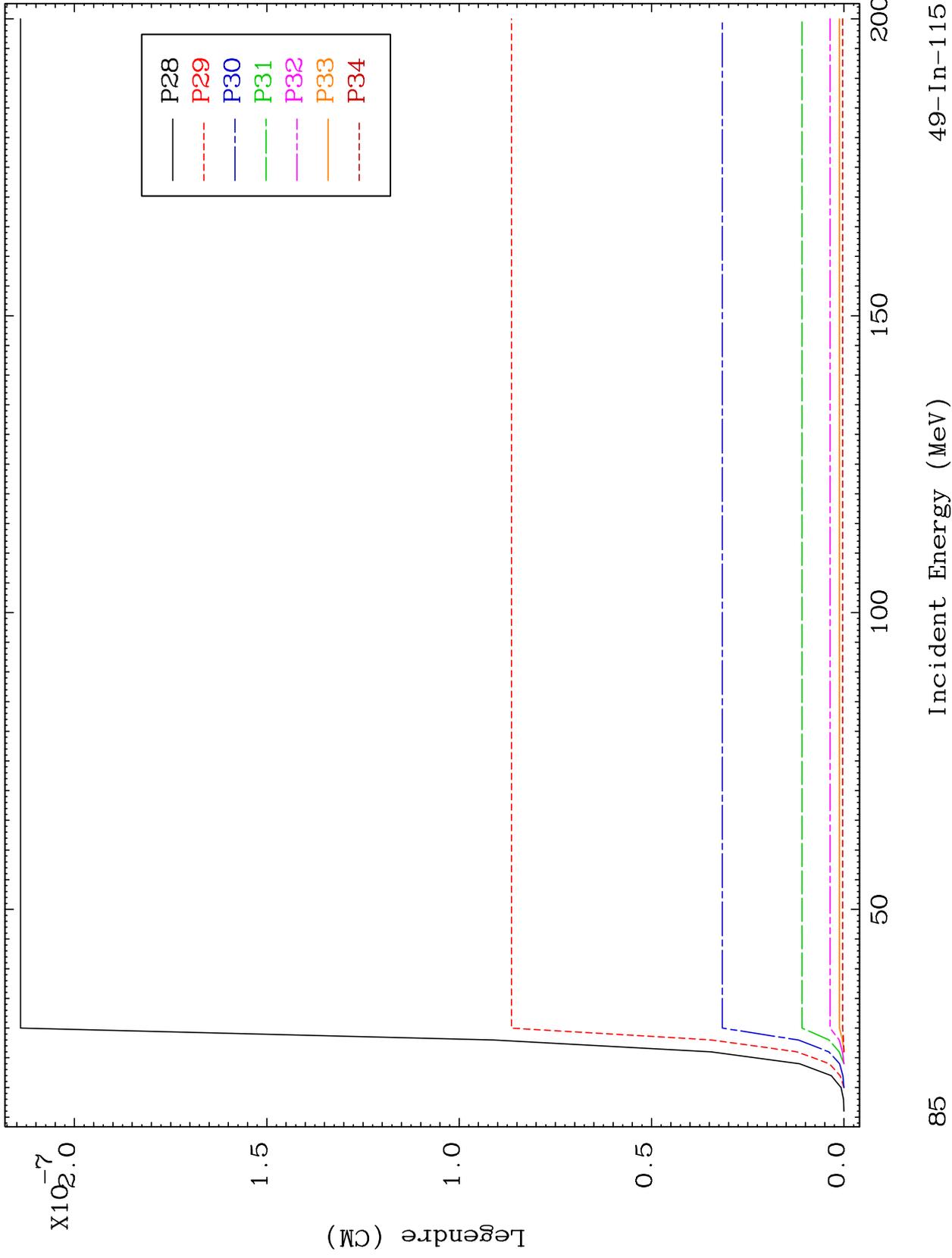
Incident Energy (MeV)

49-In-115

MAT 4931

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

49-In-115



85

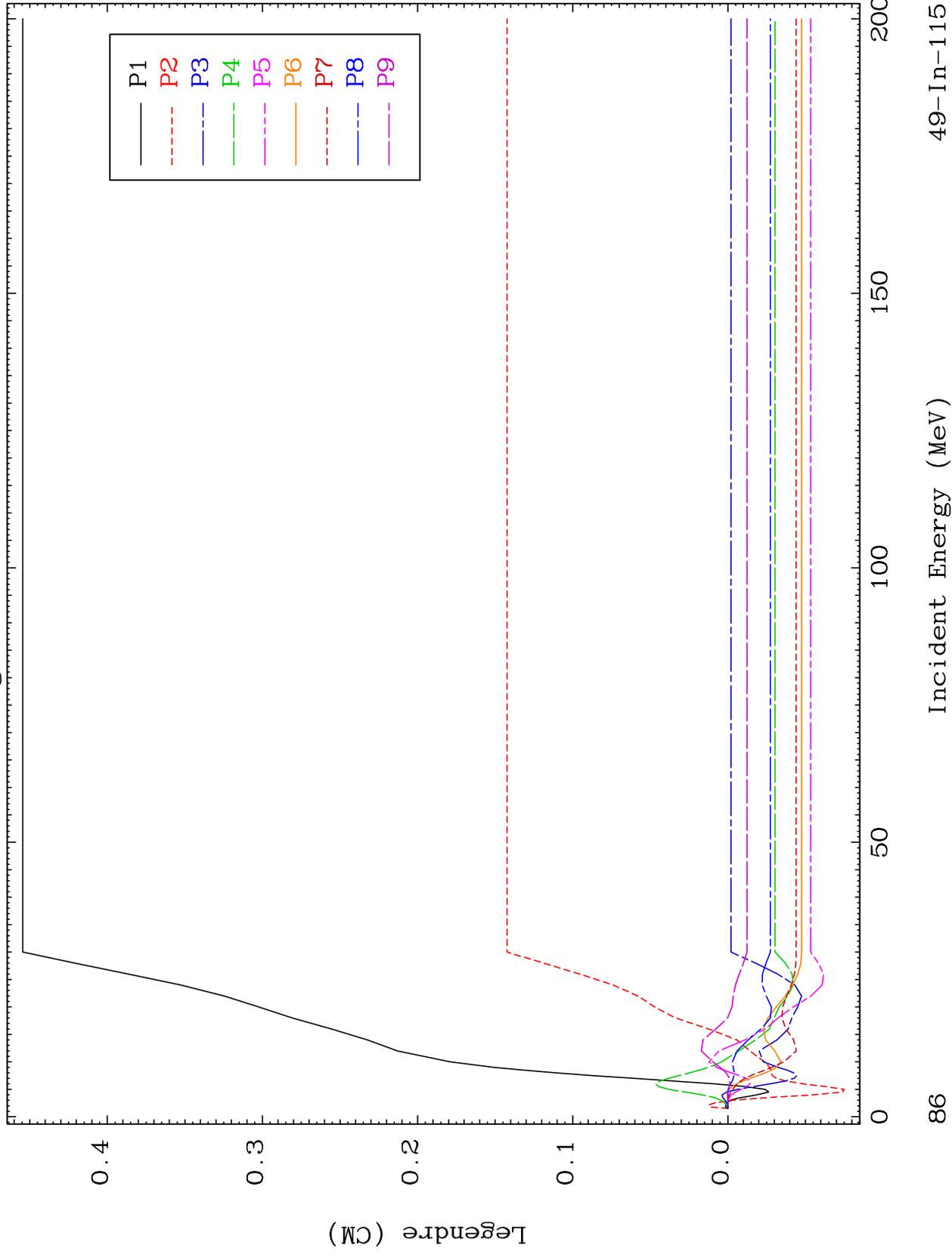
Incident Energy (MeV)

49-In-115

MAT 4931

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

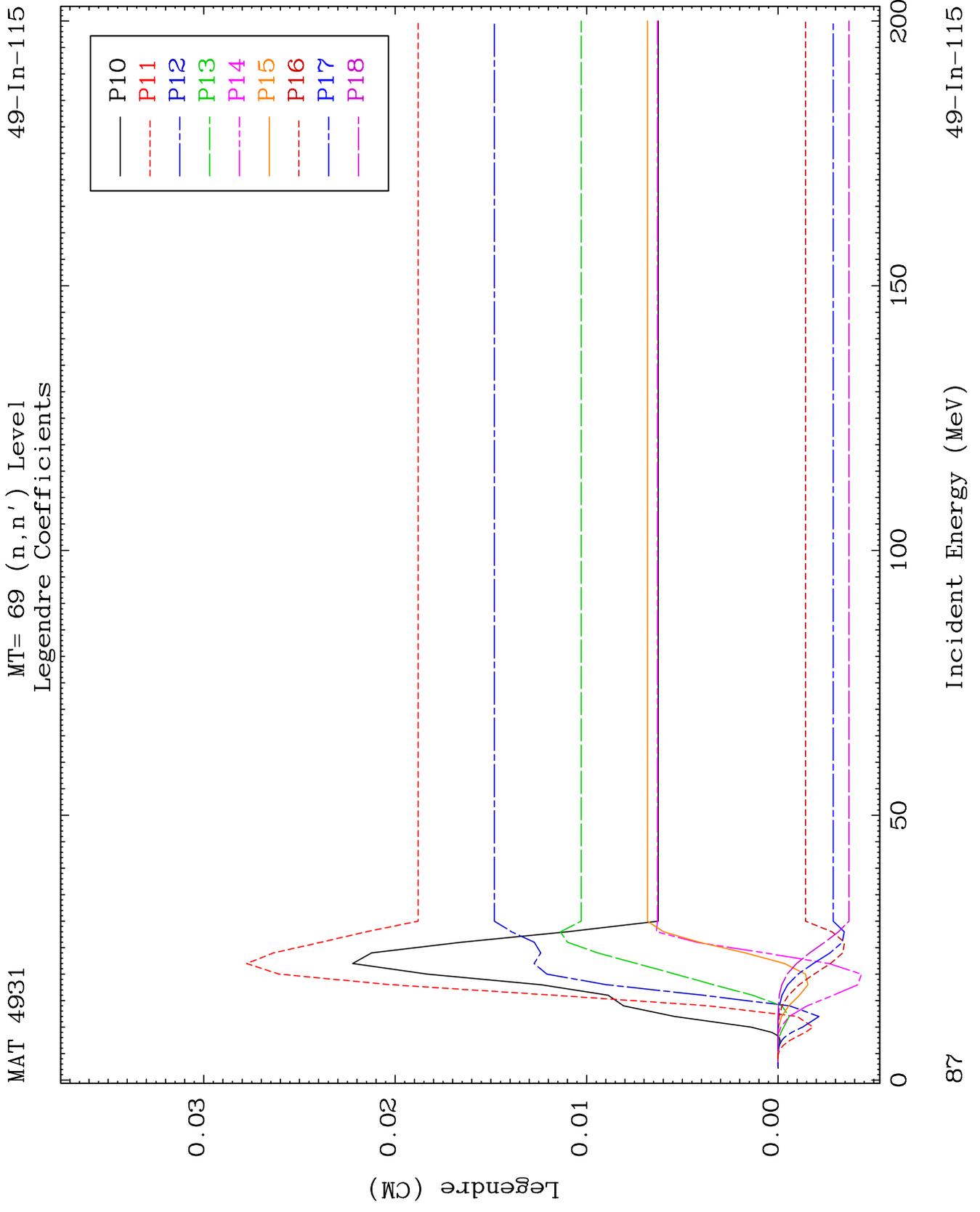
49-In-115

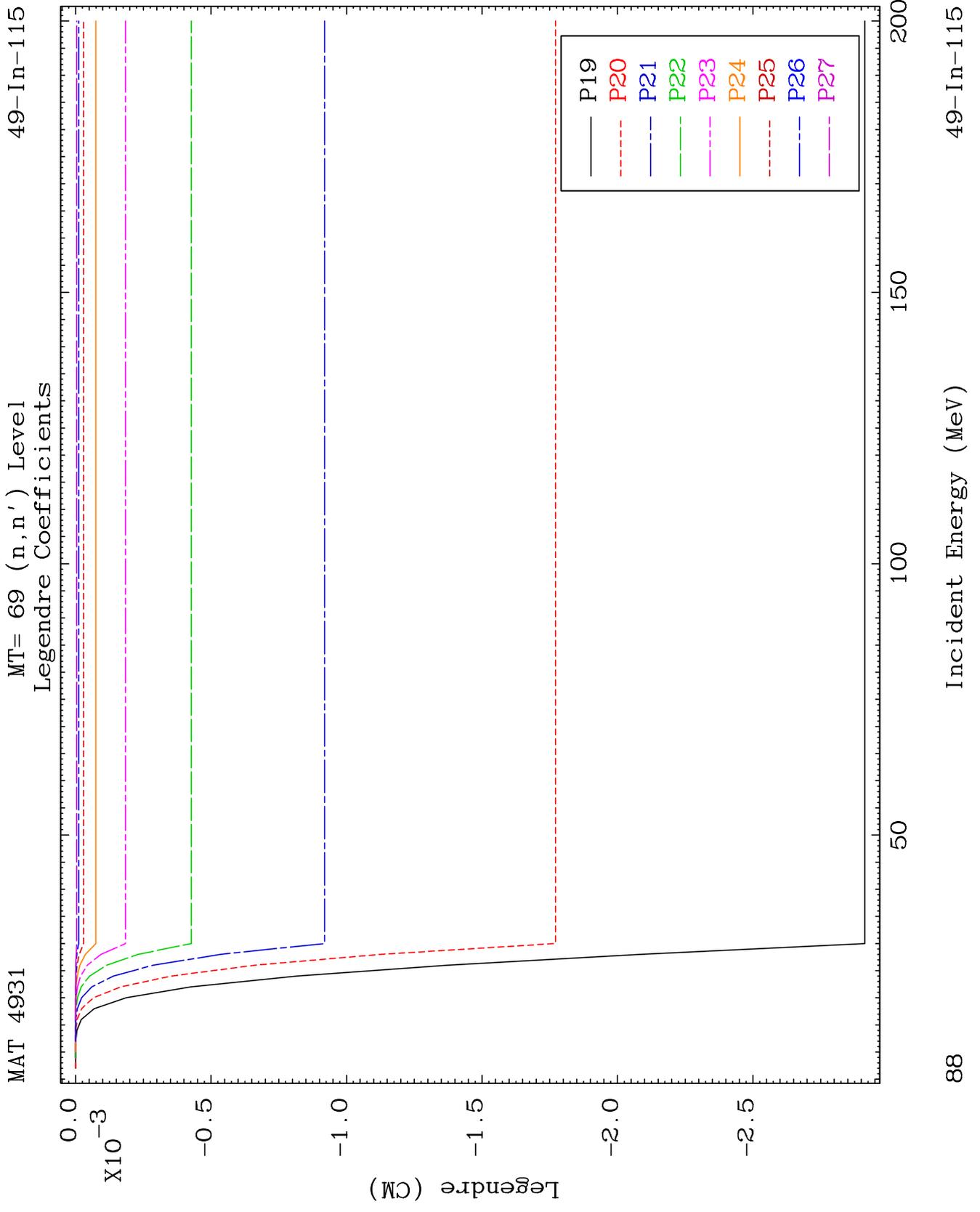


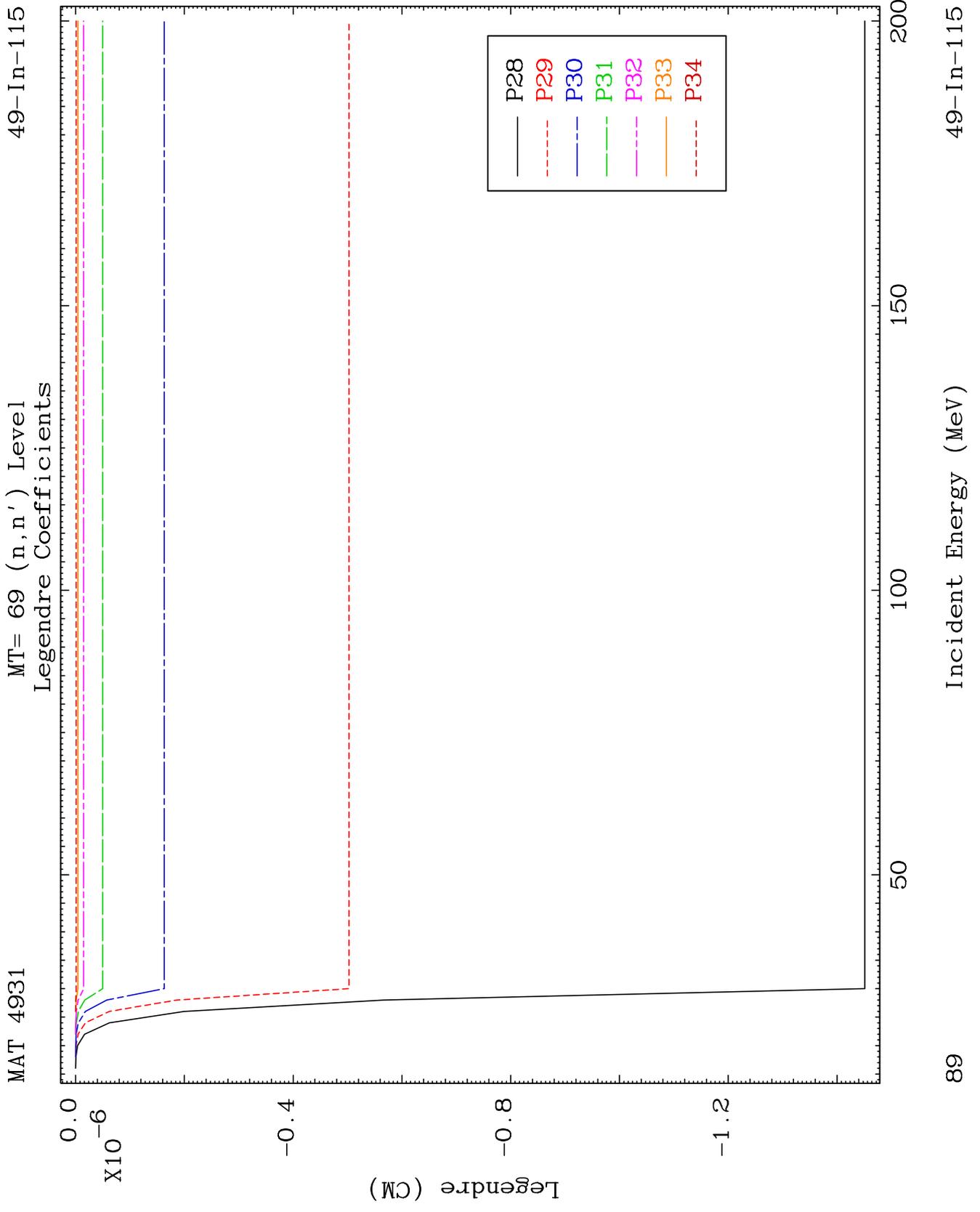
49-In-115

Incident Energy (MeV)

86



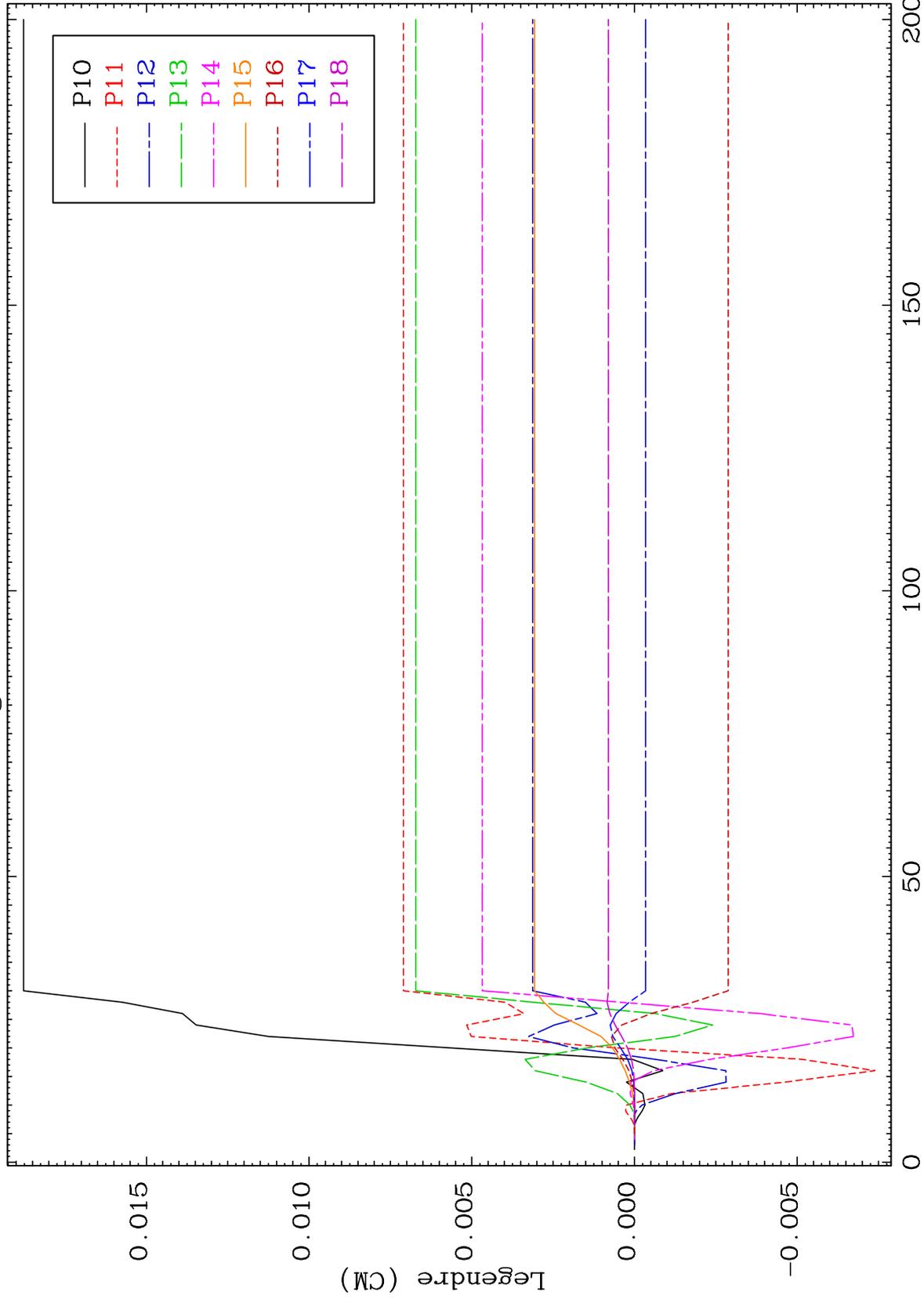




MAT 4931

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

49-In-115



91

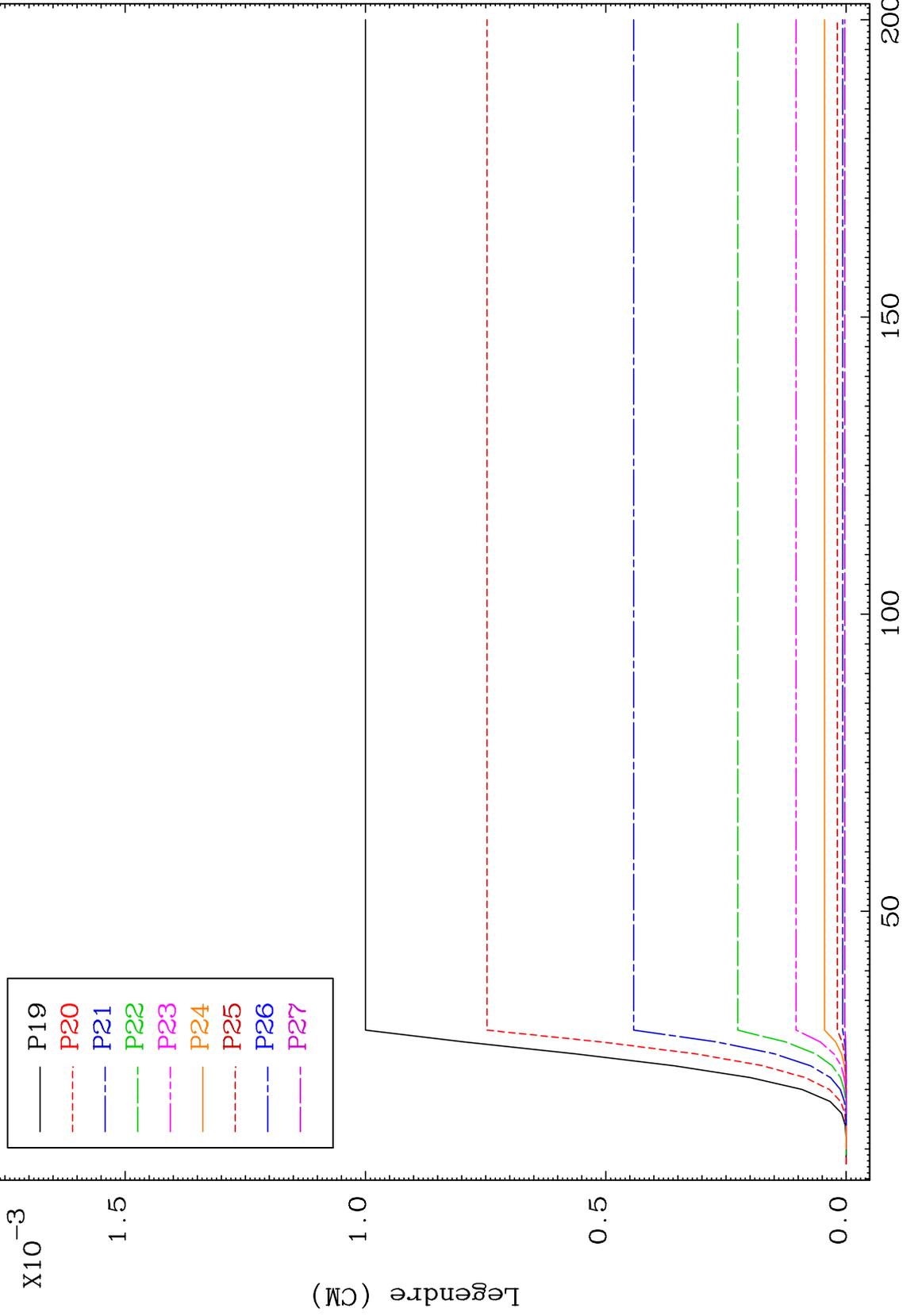
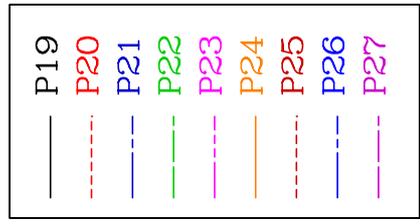
Incident Energy (MeV)

49-In-115

MAT 4931

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

49-In-115



92

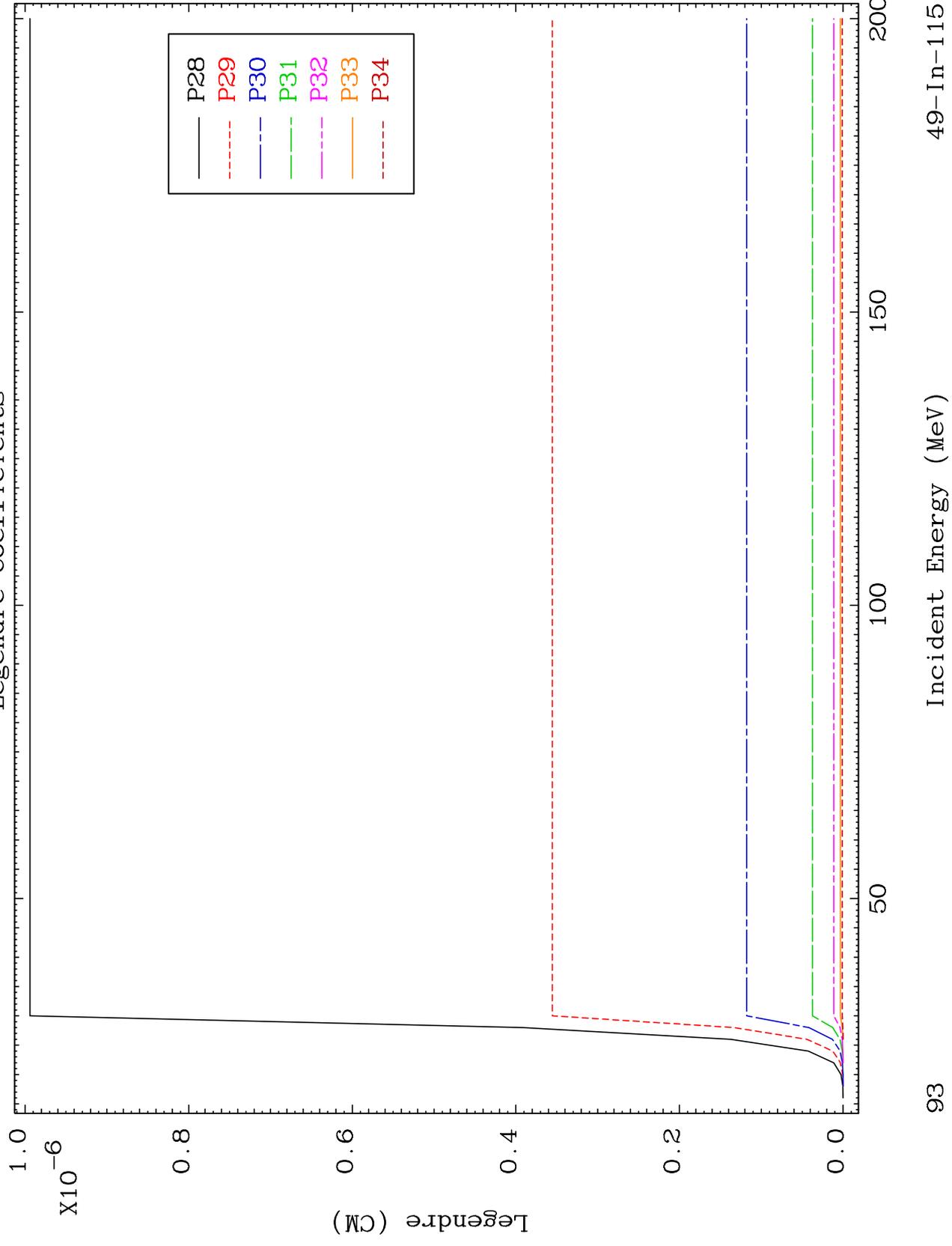
Incident Energy (MeV)

49-In-115

MAT 4931

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

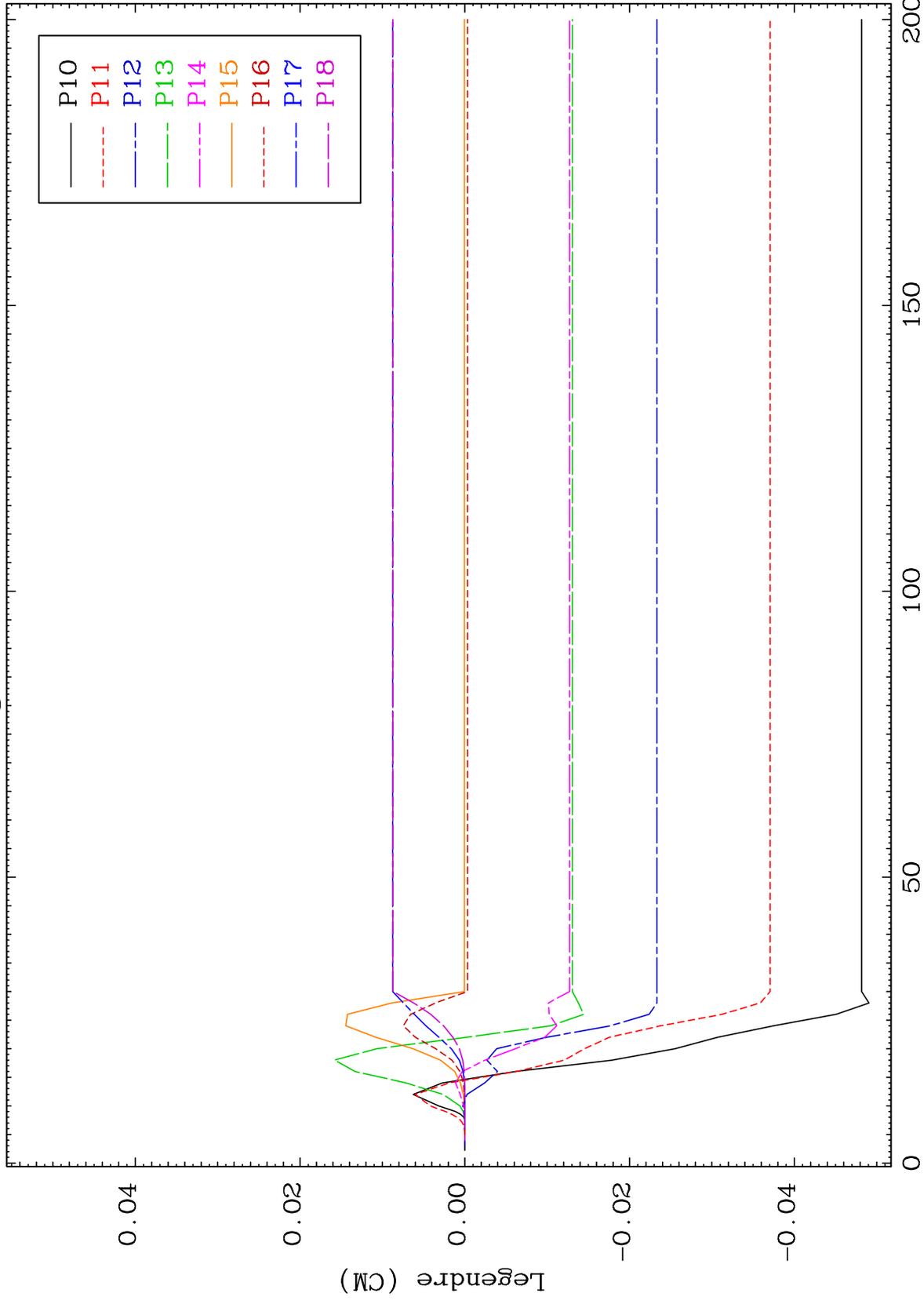
49-In-115



MAT 4931

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

49-In-115



95

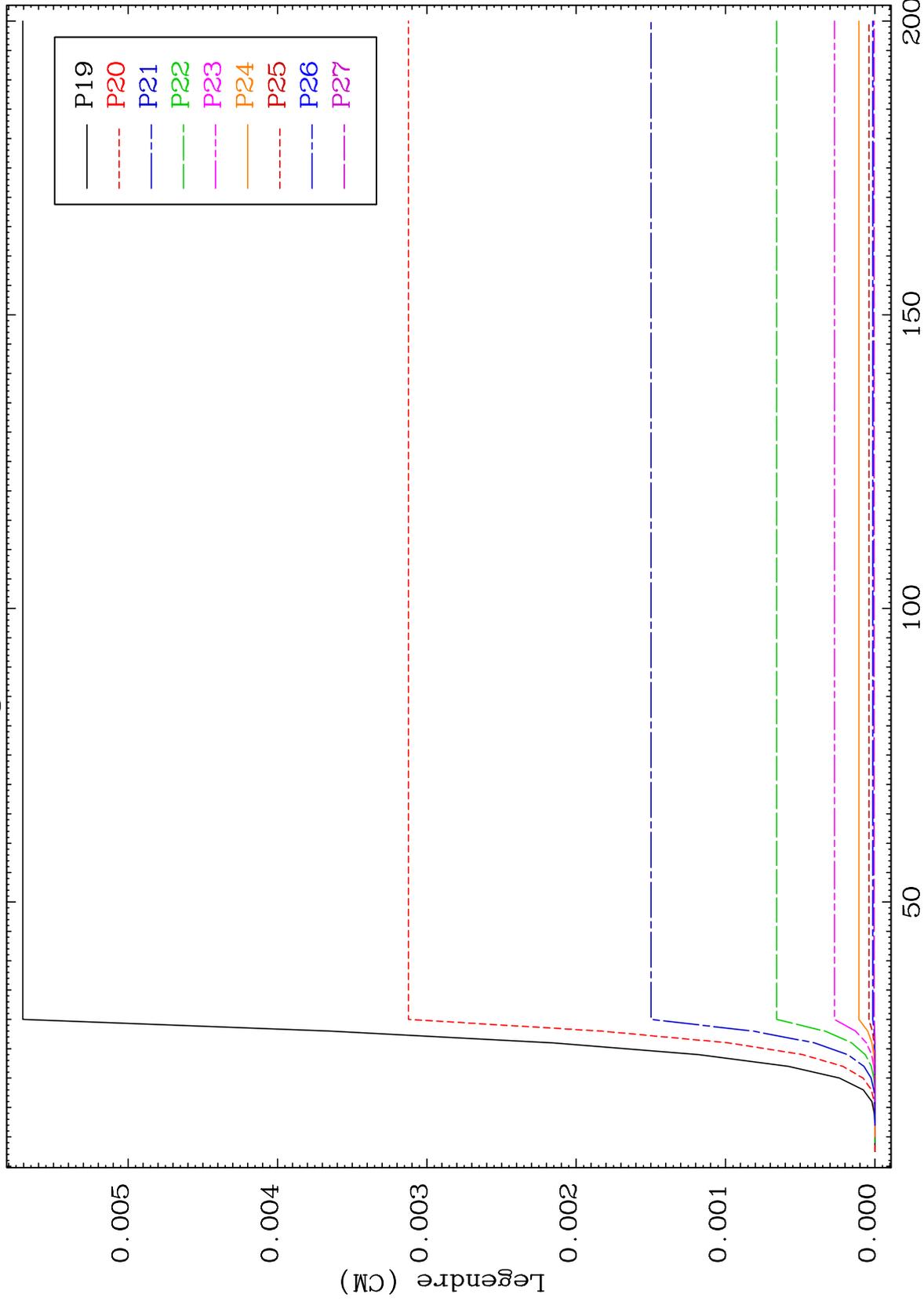
Incident Energy (MeV)

49-In-115

MAT 4931

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

49-In-115



96

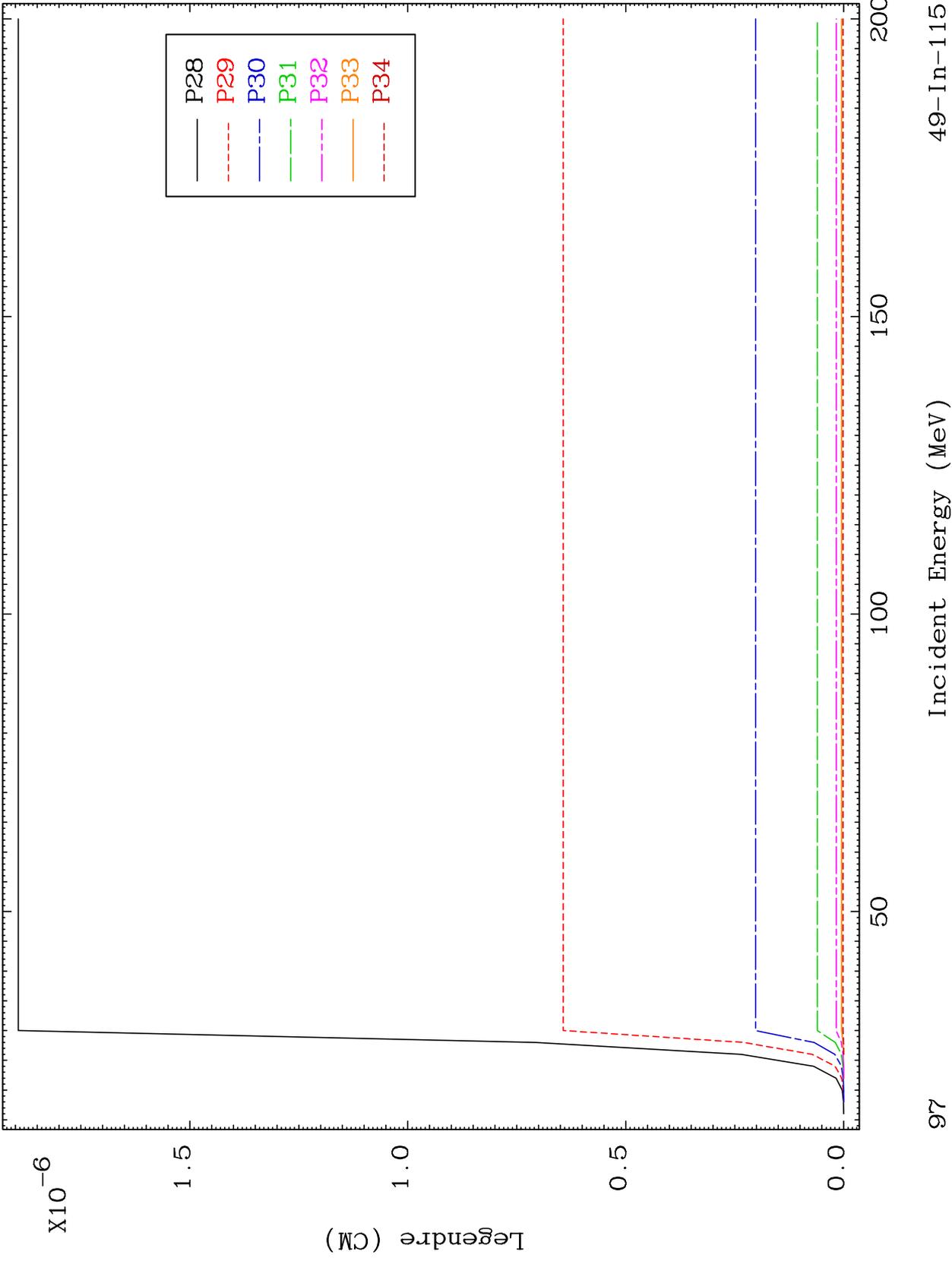
Incident Energy (MeV)

49-In-115

MAT 4931

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

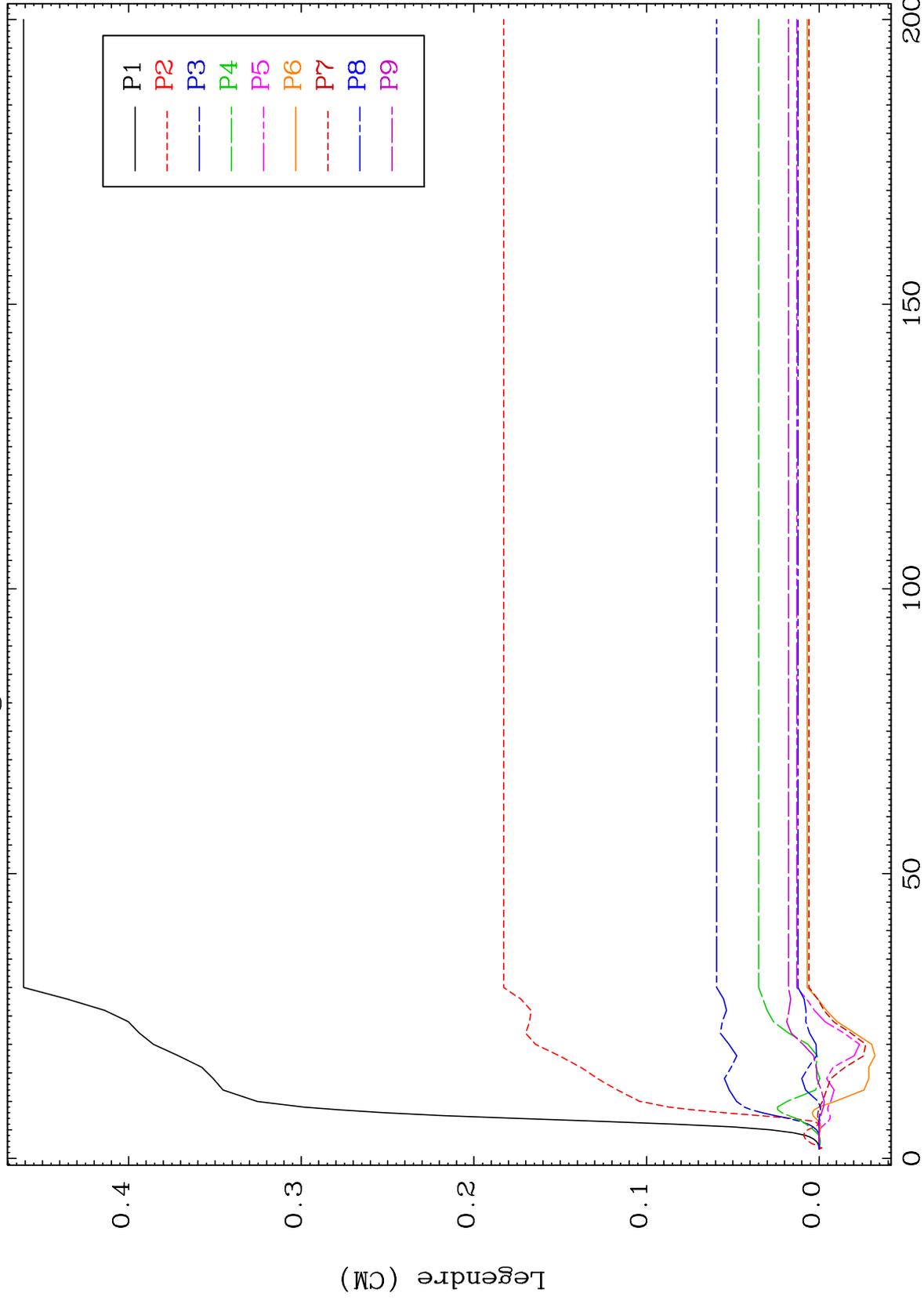
49-In-115



MAT 4931

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

49-In-115



98

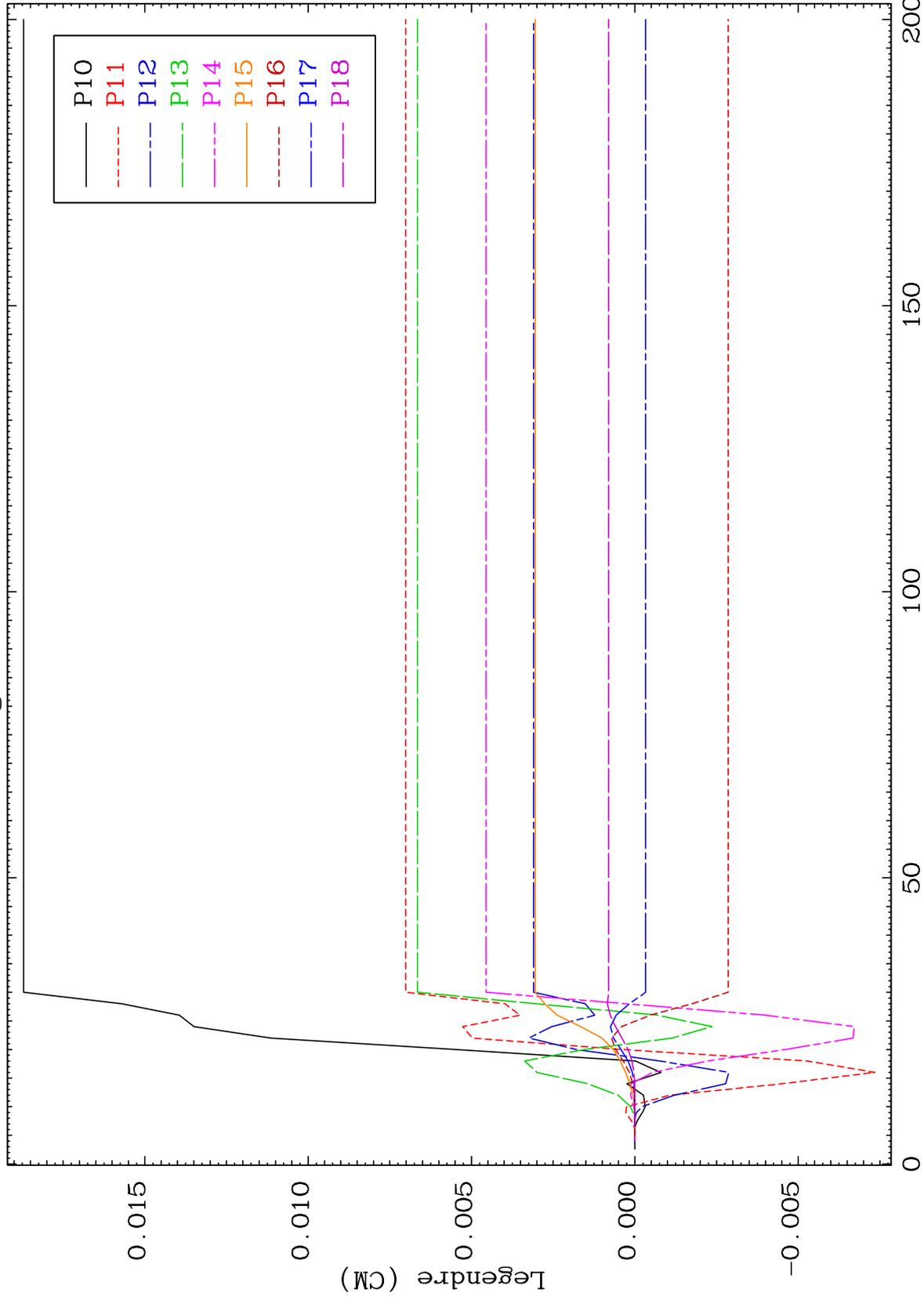
Incident Energy (MeV)

49-In-115

MAT 4931

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

49-In-115



99

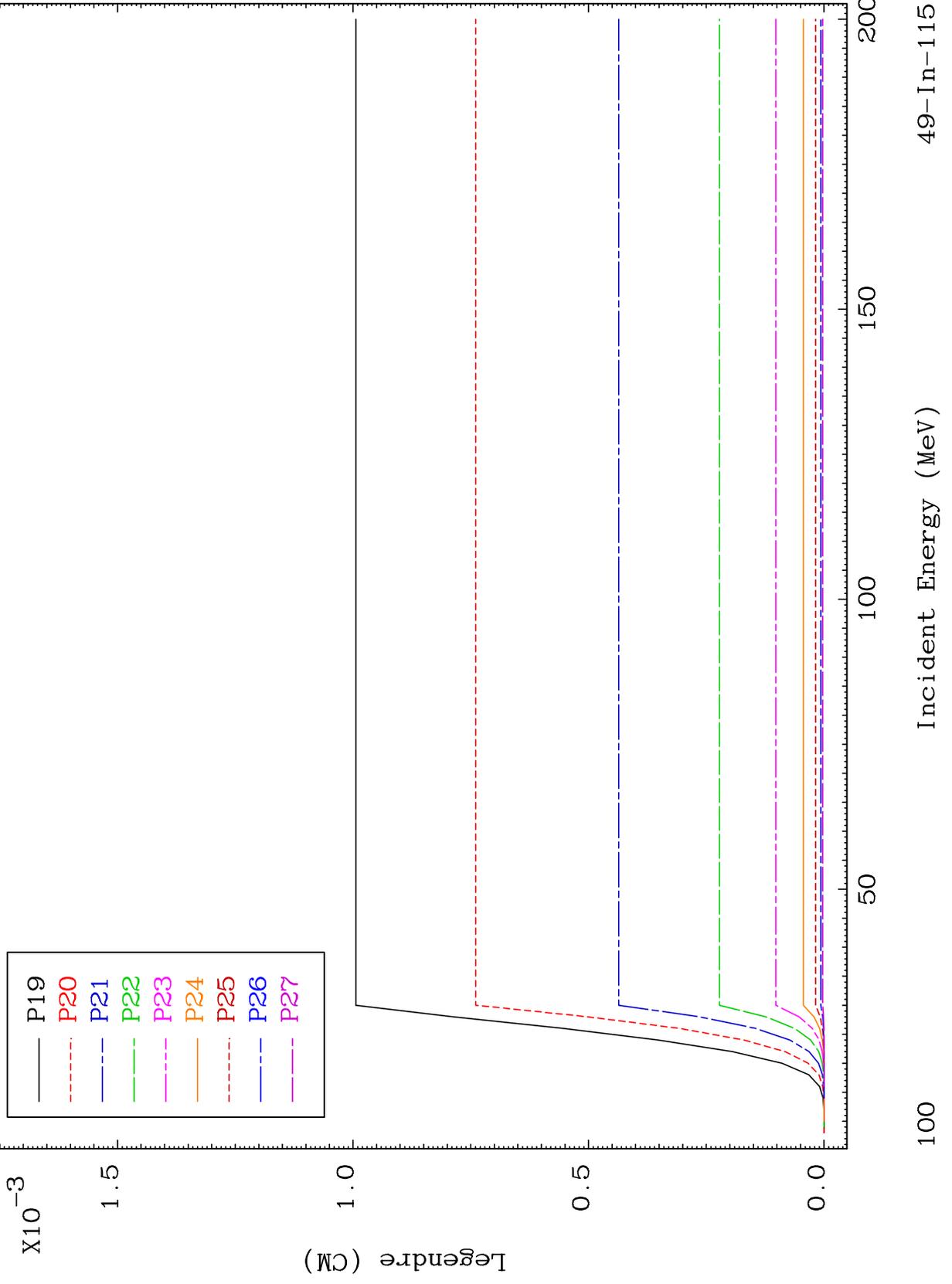
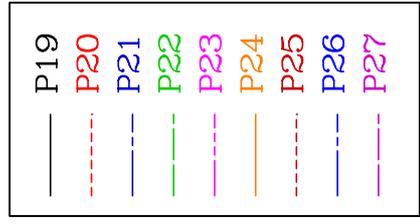
Incident Energy (MeV)

49-In-115

MAT 4931

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

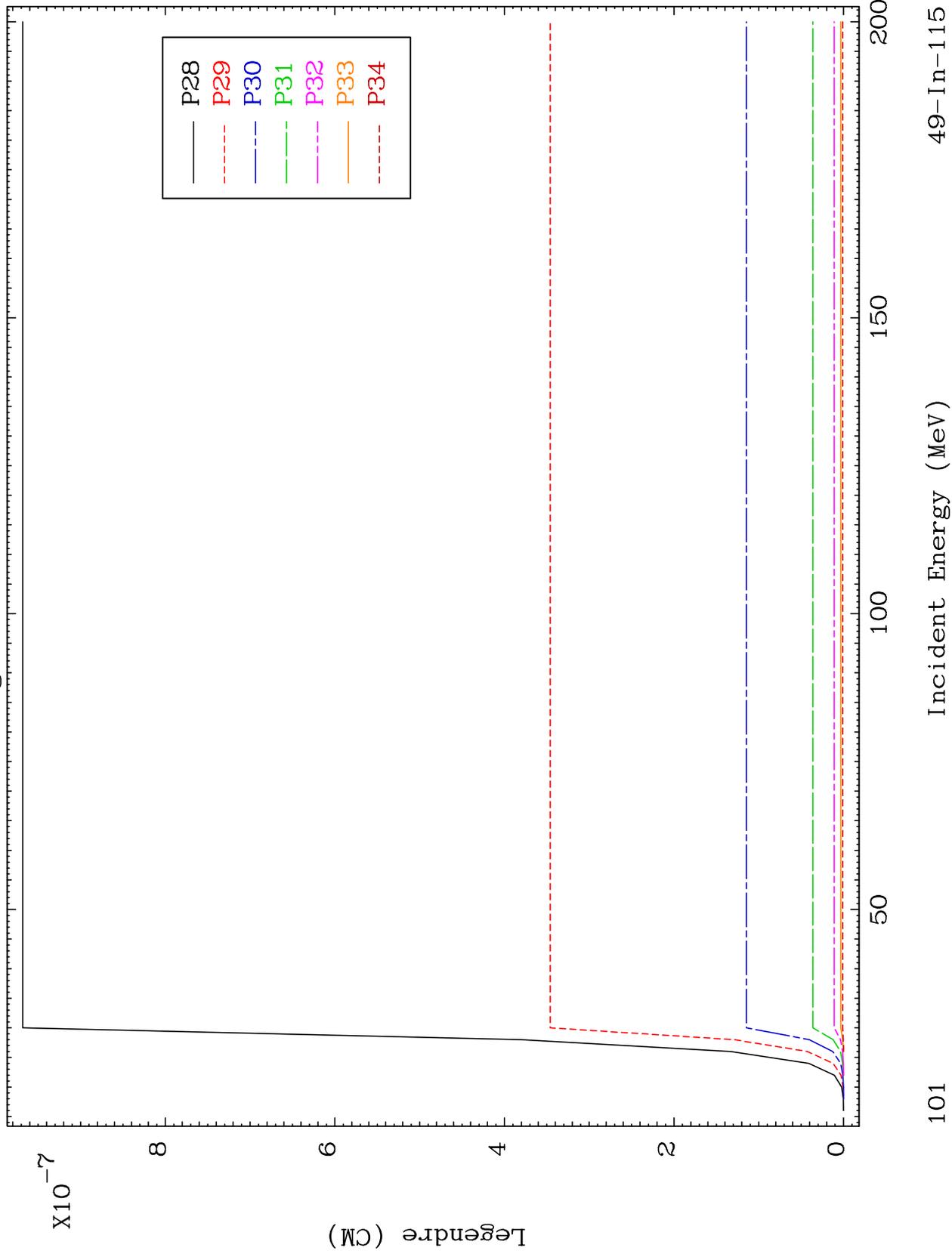
49-In-115



MAT 4931

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

49-In-115



101

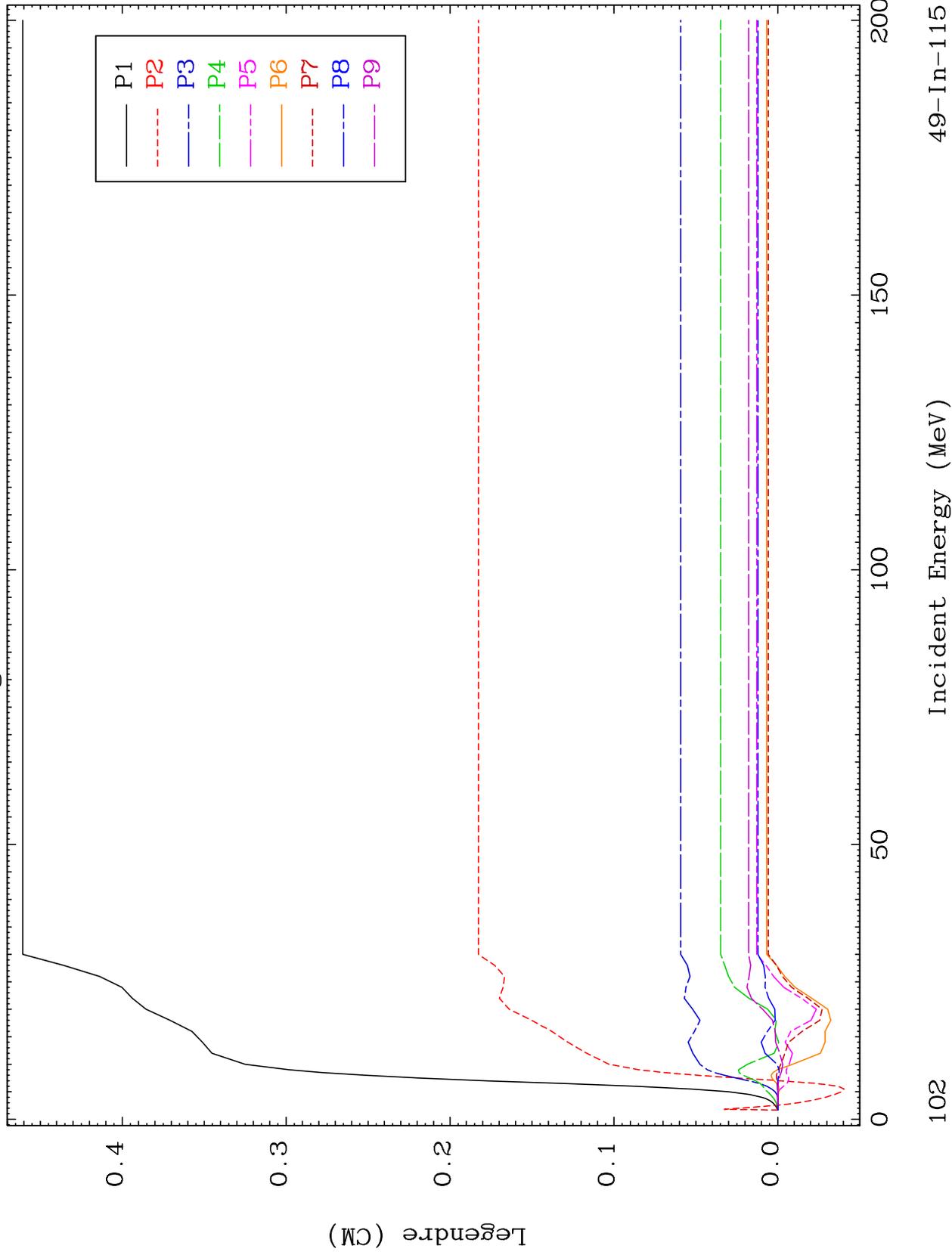
Incident Energy (MeV)

49-In-115

MAT 4931

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

49-In-115



49-In-115

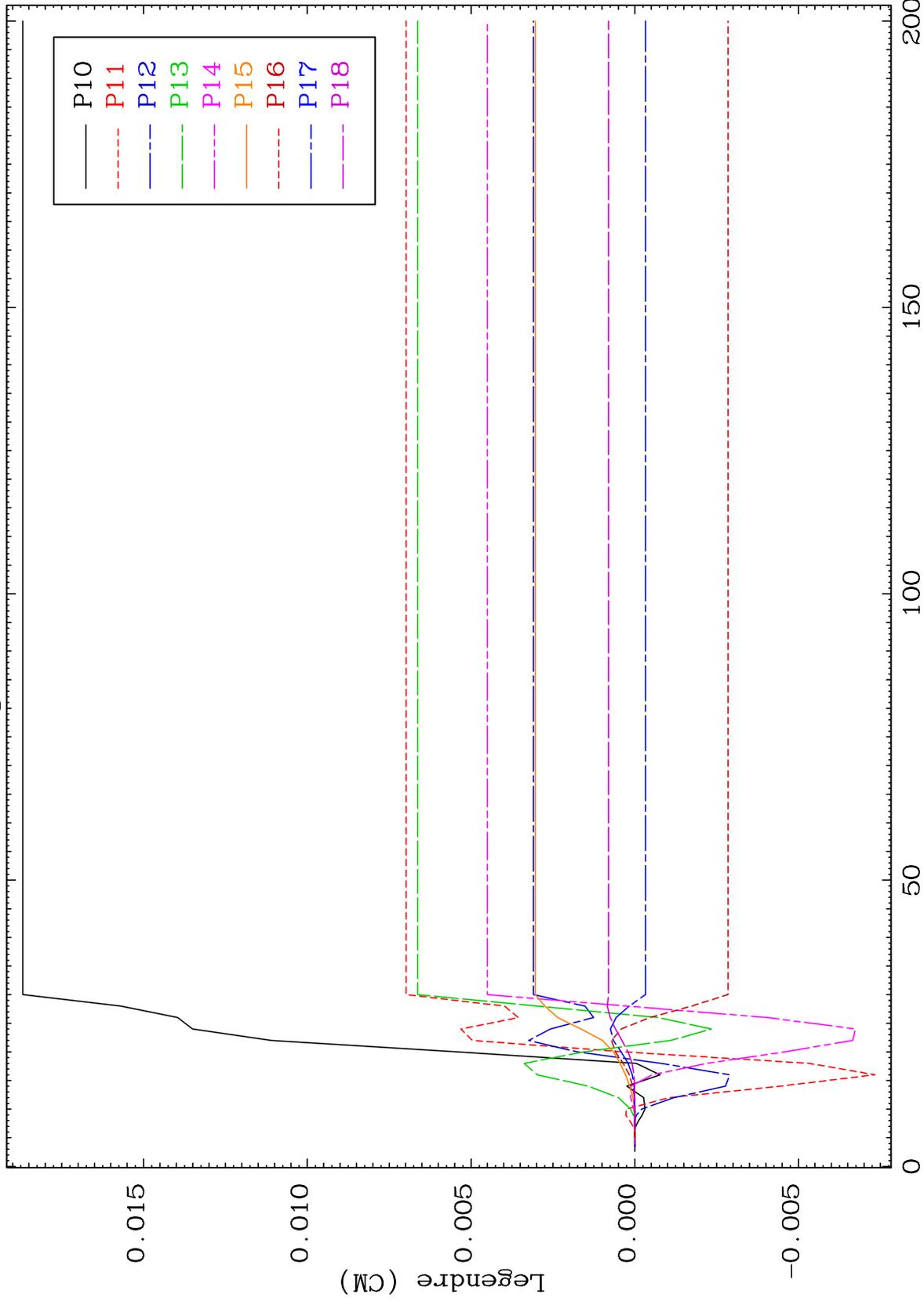
Incident Energy (MeV)

102

MAT 4931

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

49-In-115



103

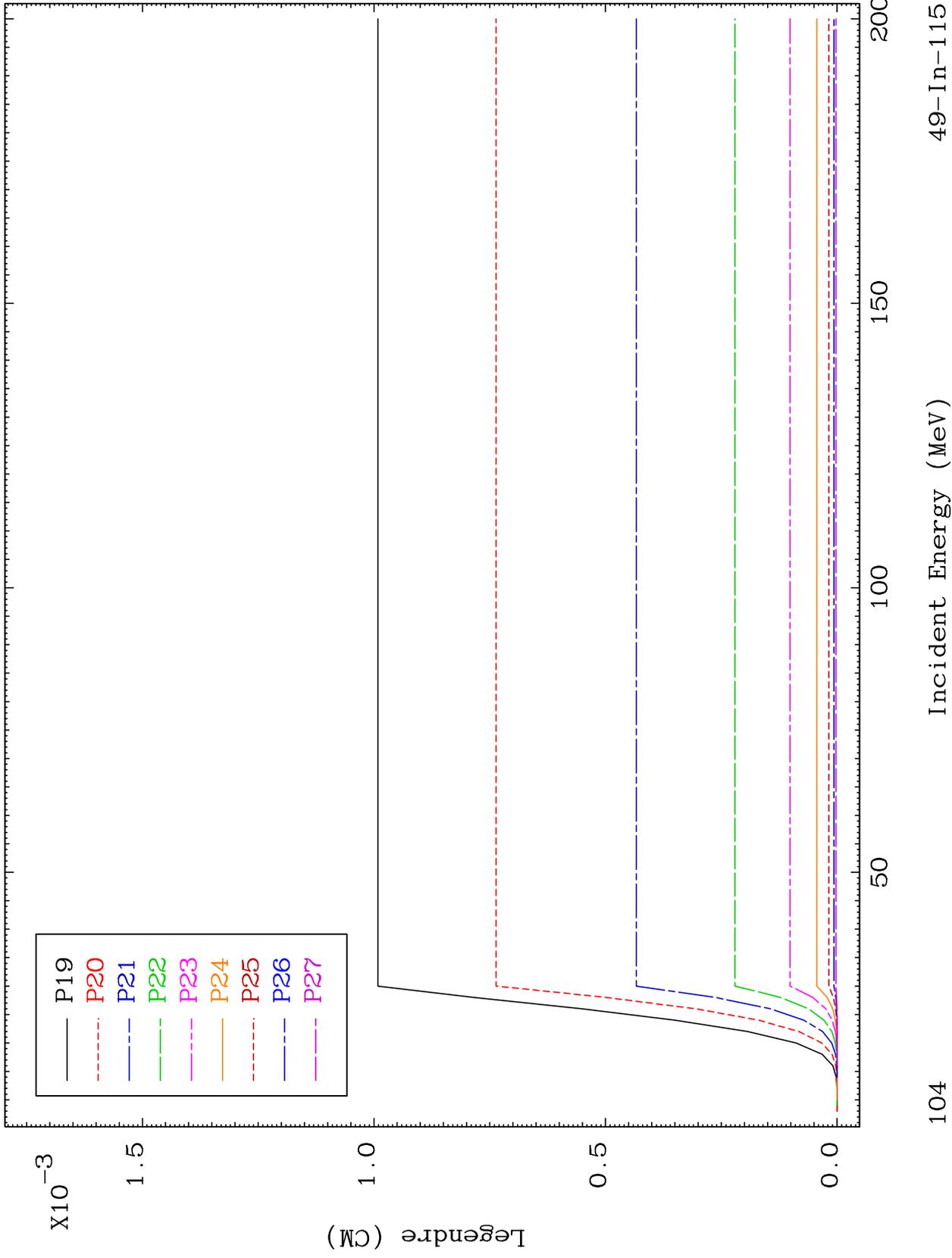
Incident Energy (MeV)

49-In-115

MAT 4931

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

49-In-115



104

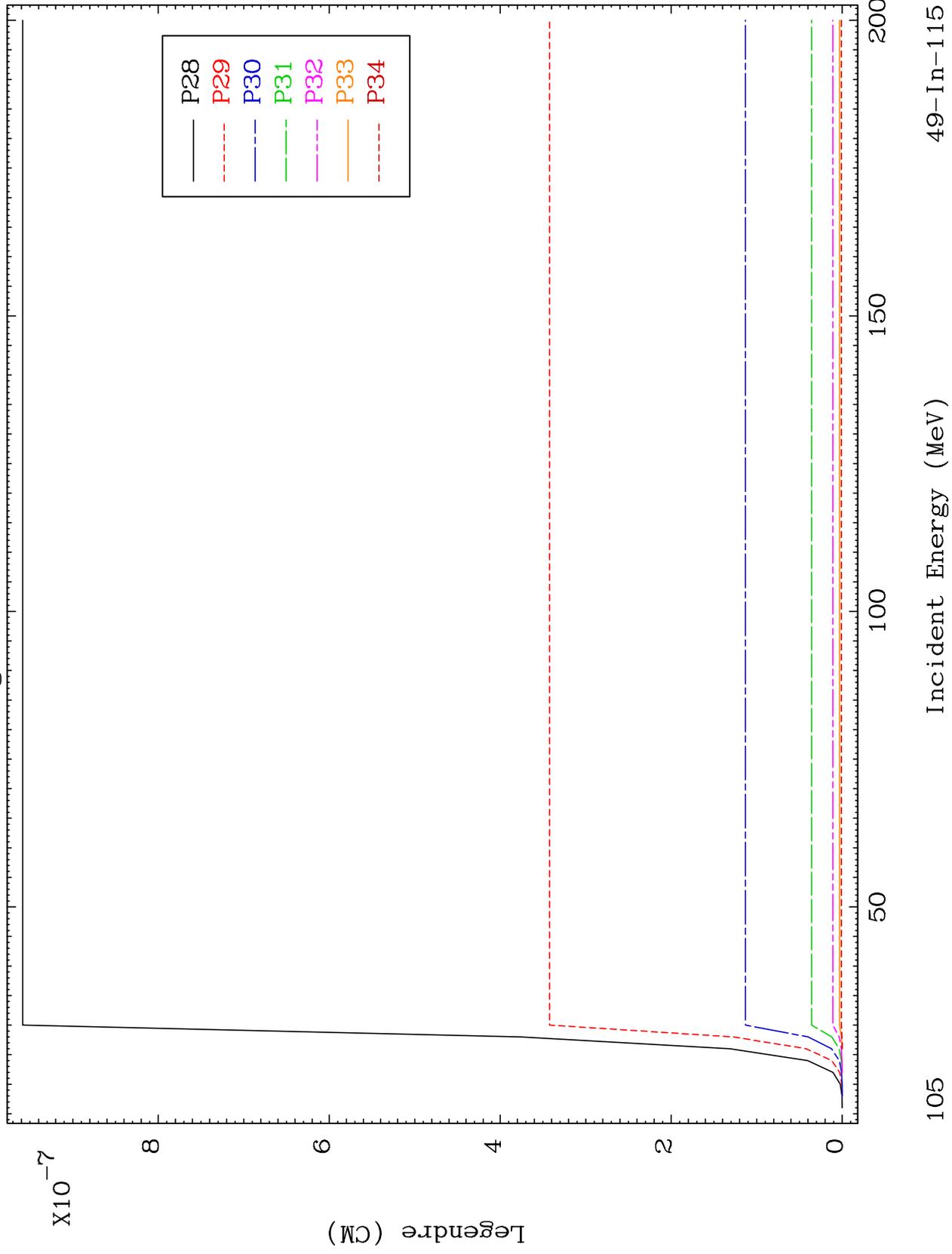
Incident Energy (MeV)

49-In-115

MAT 4931

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

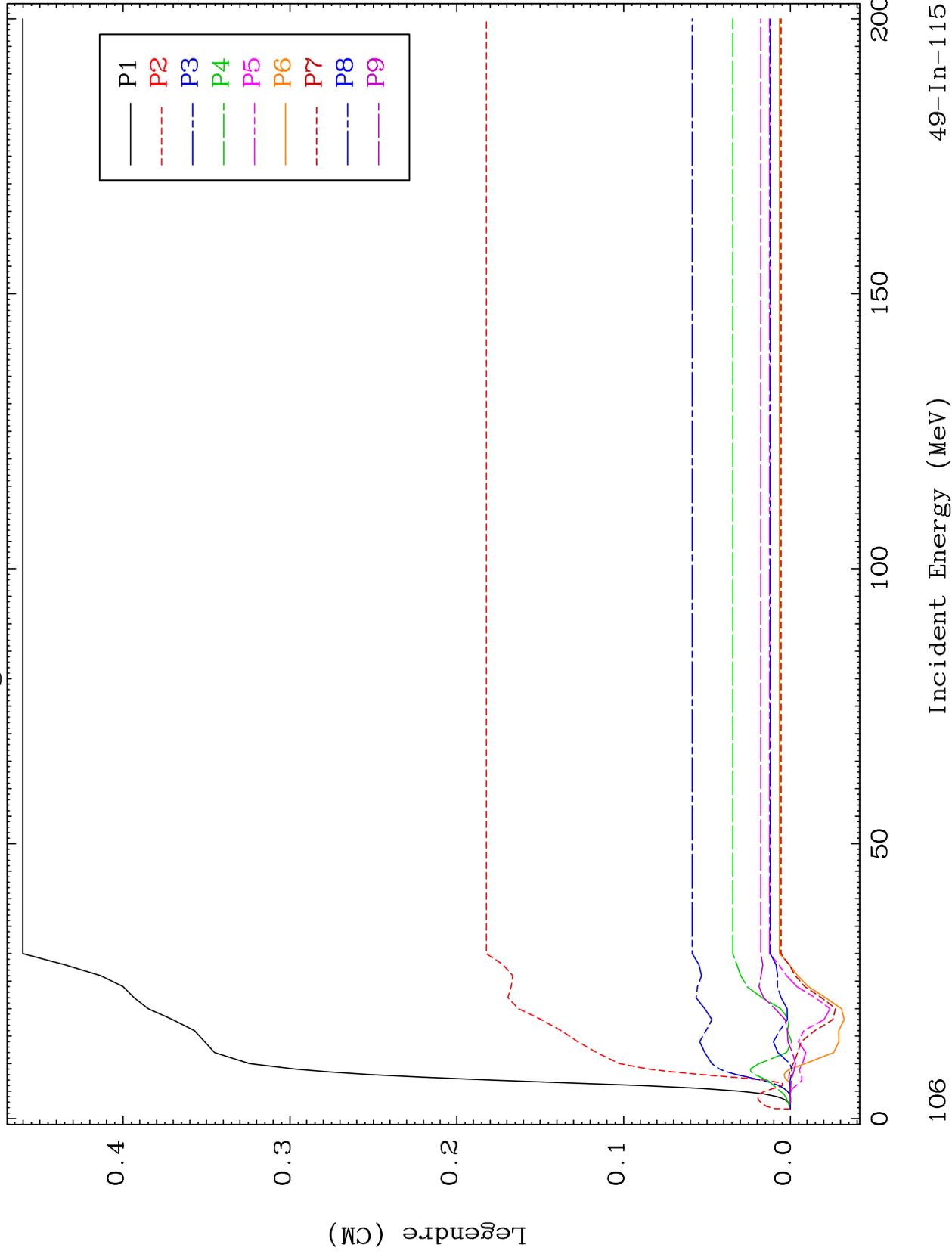
49-In-115



MAT 4931

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

49-In-115



49-In-115

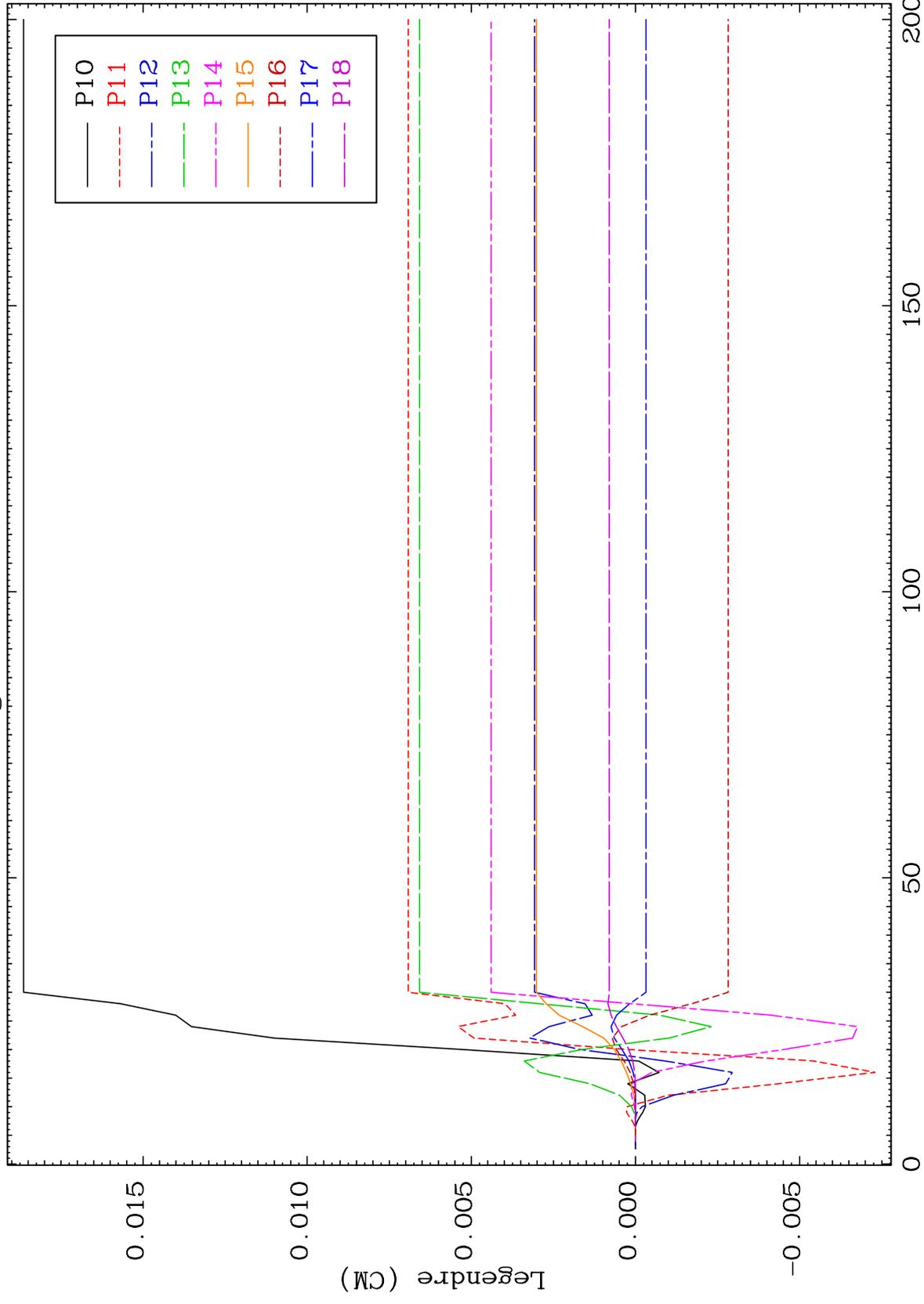
Incident Energy (MeV)

106

MAT 4931

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

49-In-115



49-In-115

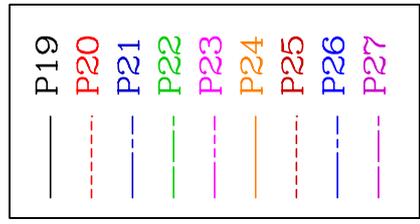
Incident Energy (MeV)

107

MAT 4931

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

49-In-115



$\times 10^{-3}$

1.5

1.0

0.5

0.0

Legendre (CM)

50

100

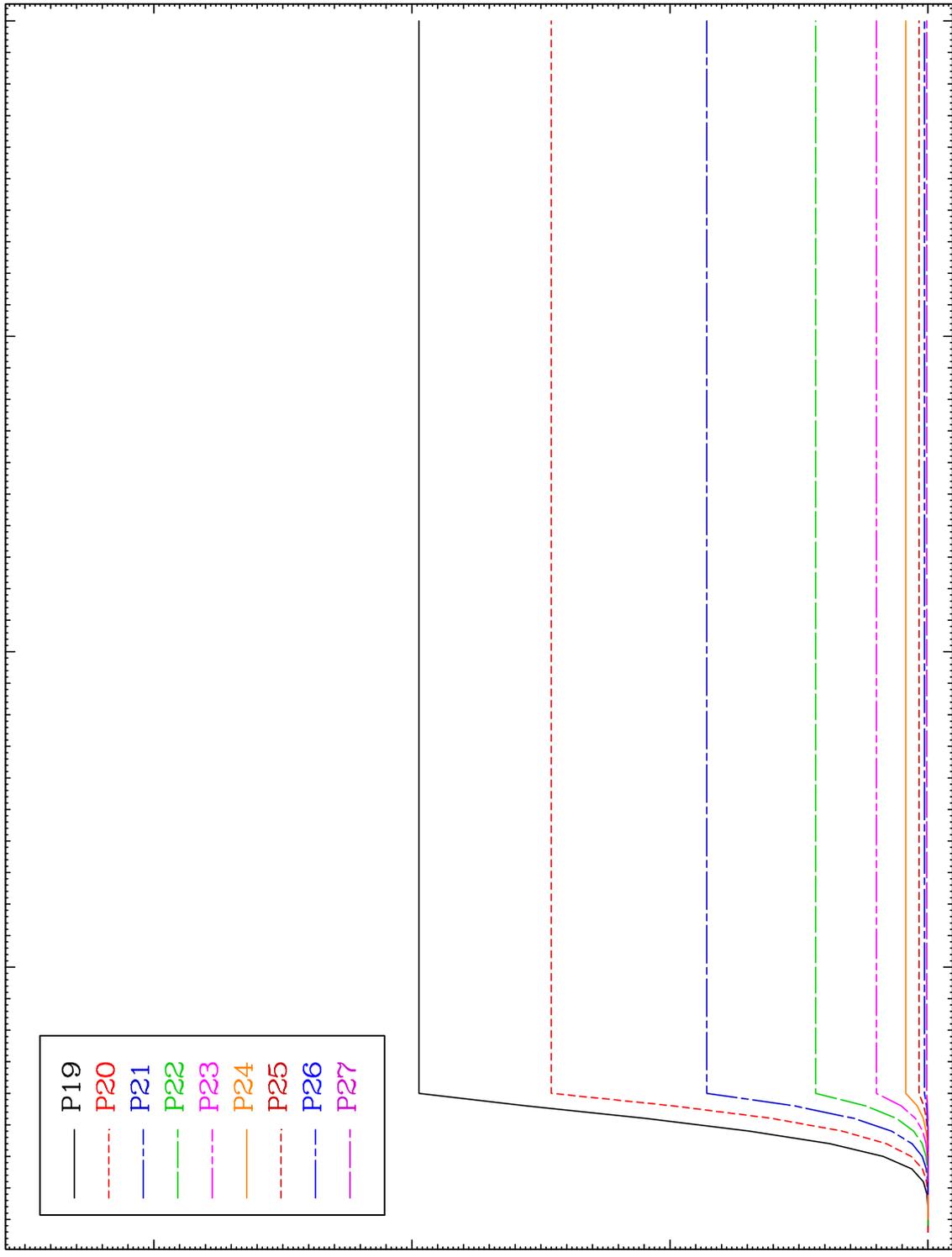
150

200

108

Incident Energy (MeV)

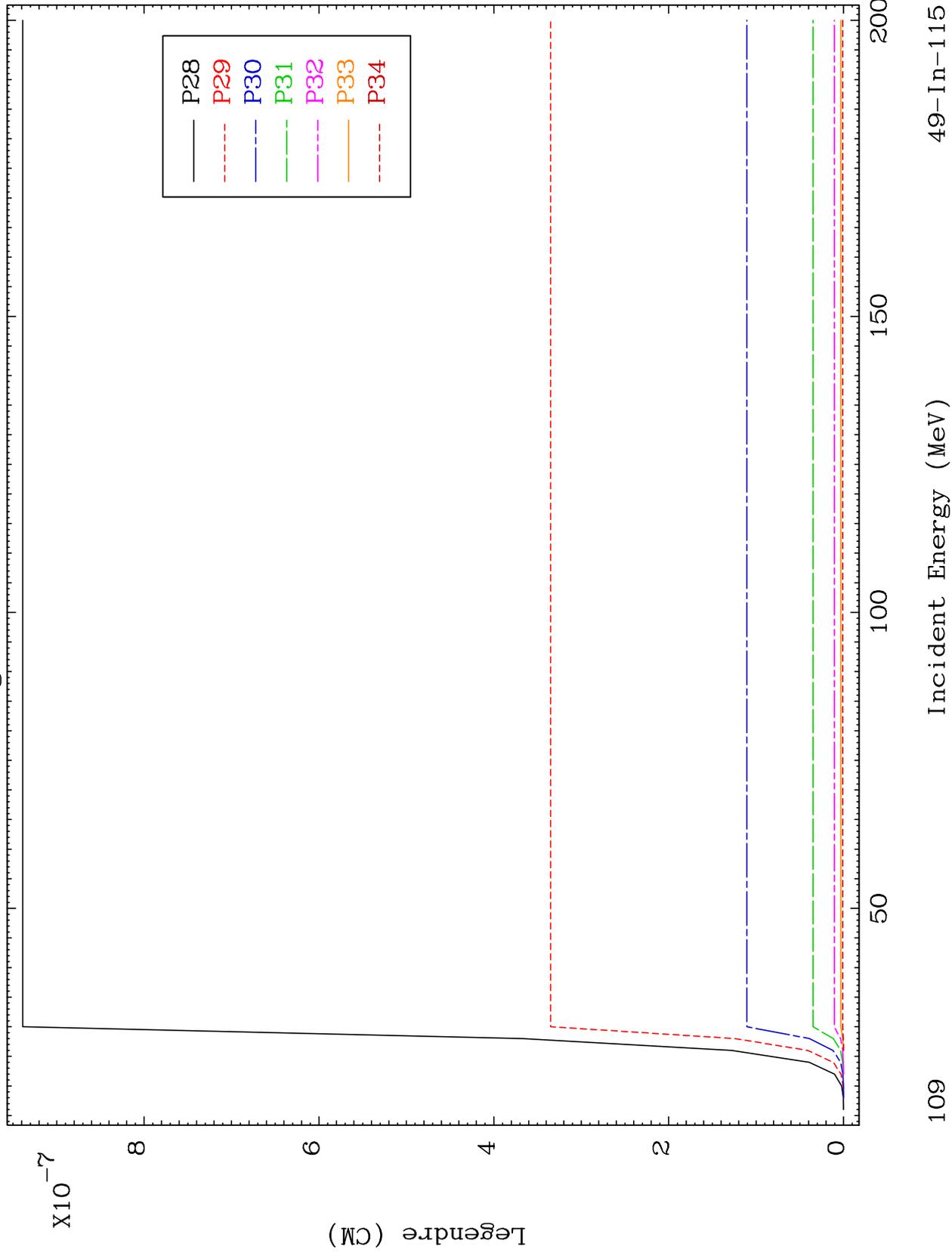
49-In-115



MAT 4931

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

49-In-115



109

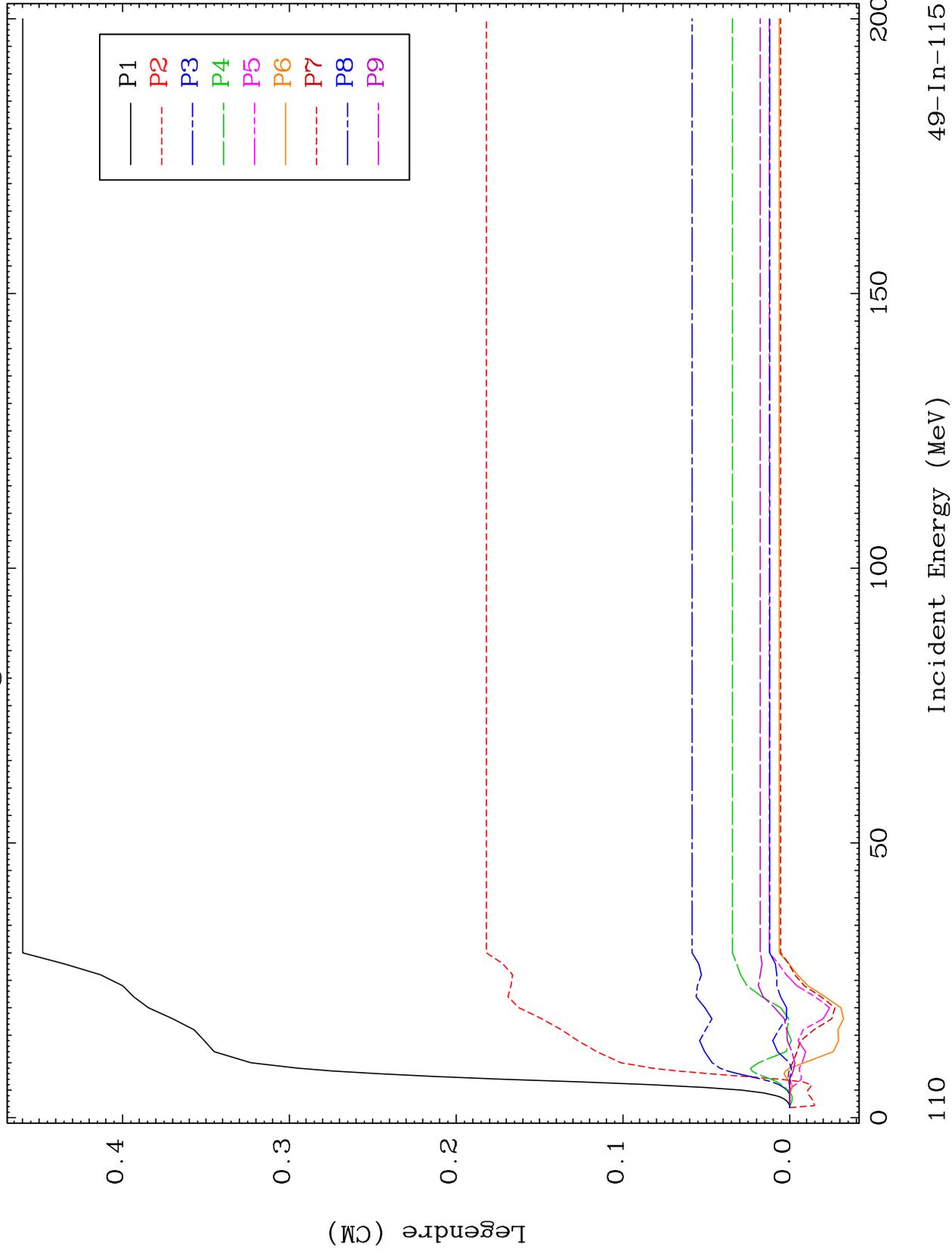
Incident Energy (MeV)

49-In-115

MAT 4931

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

49-In-115



49-In-115

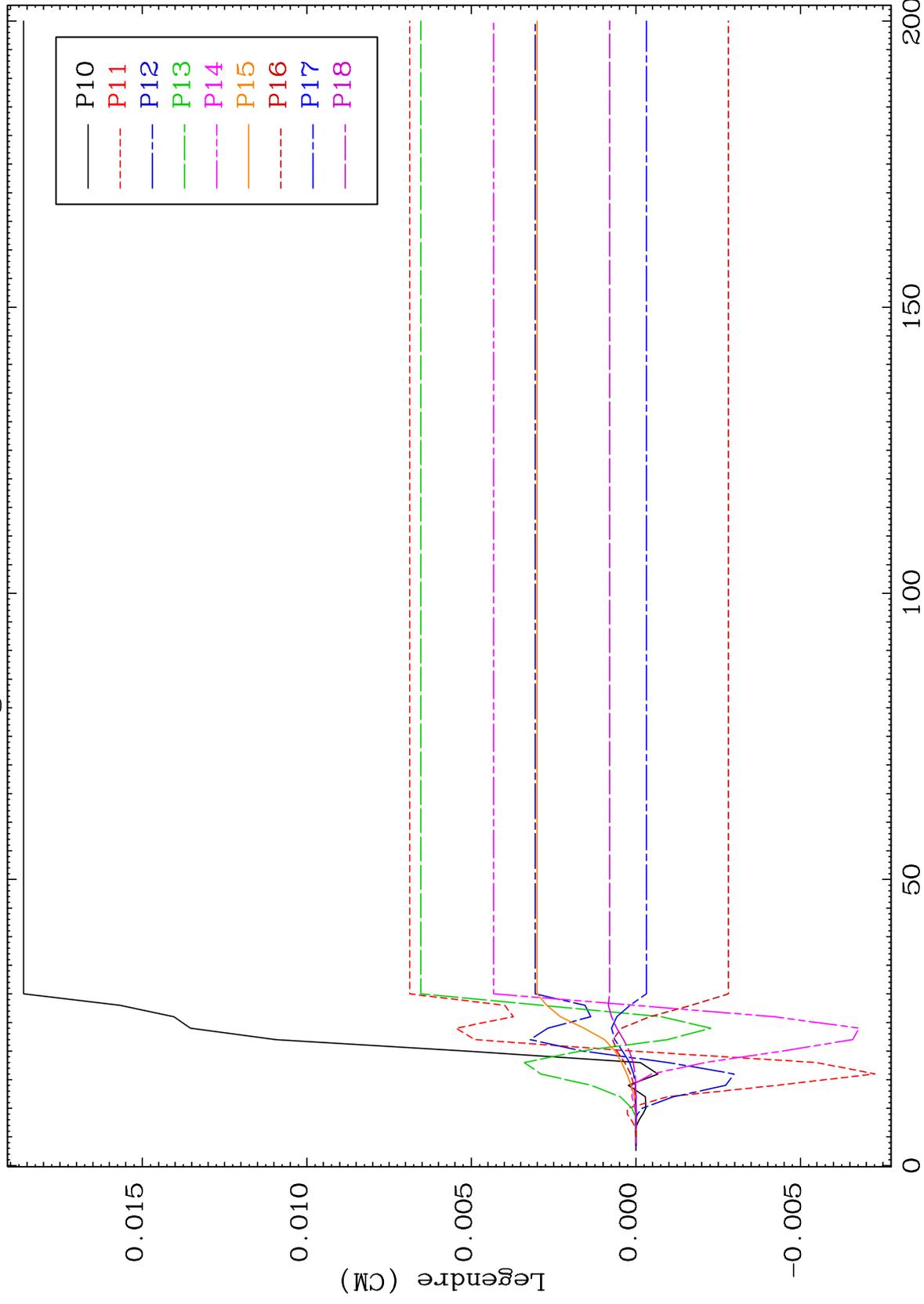
Incident Energy (MeV)

110

MAT 4931

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

49-In-115



111

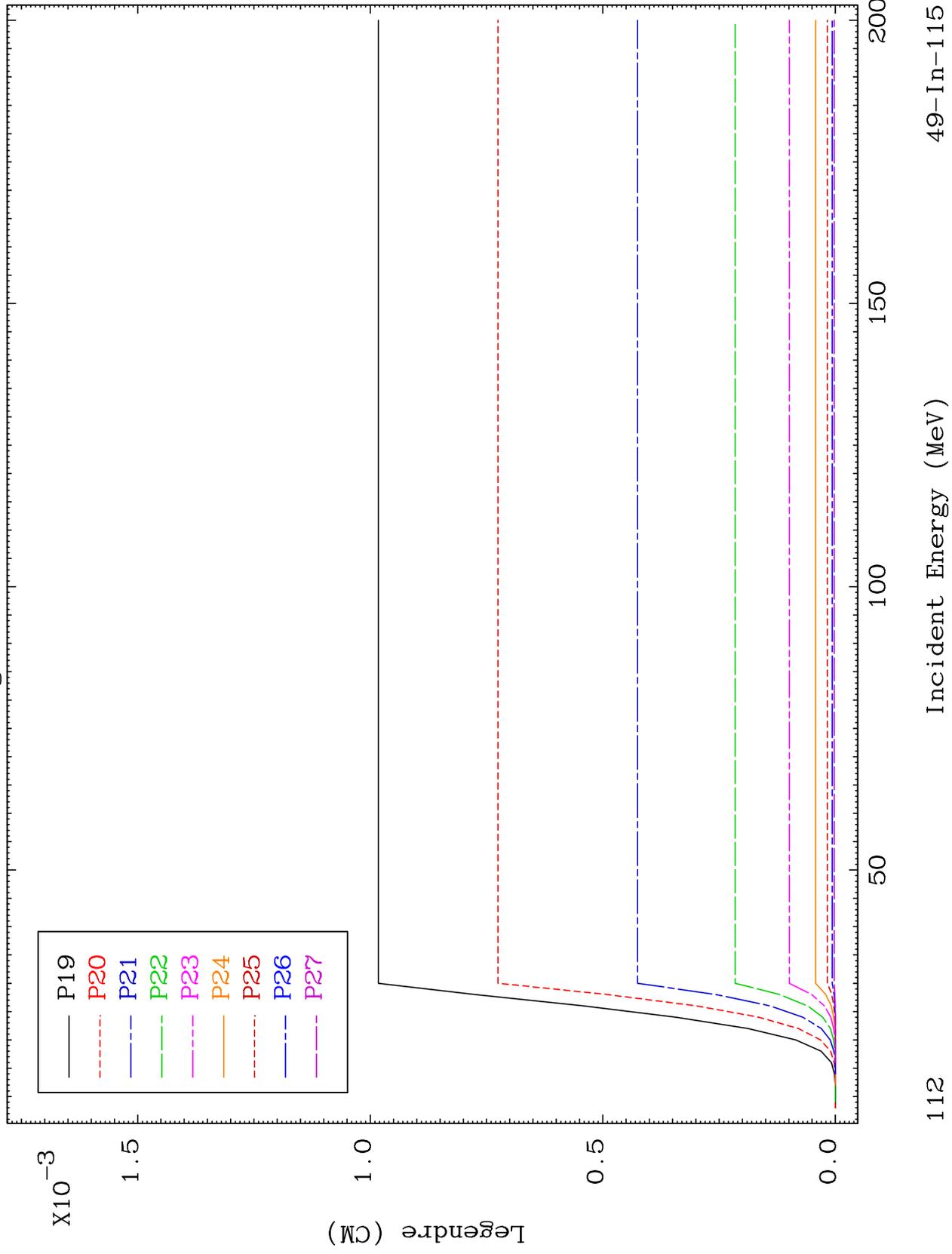
Incident Energy (MeV)

49-In-115

MAT 4931

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

49-In-115

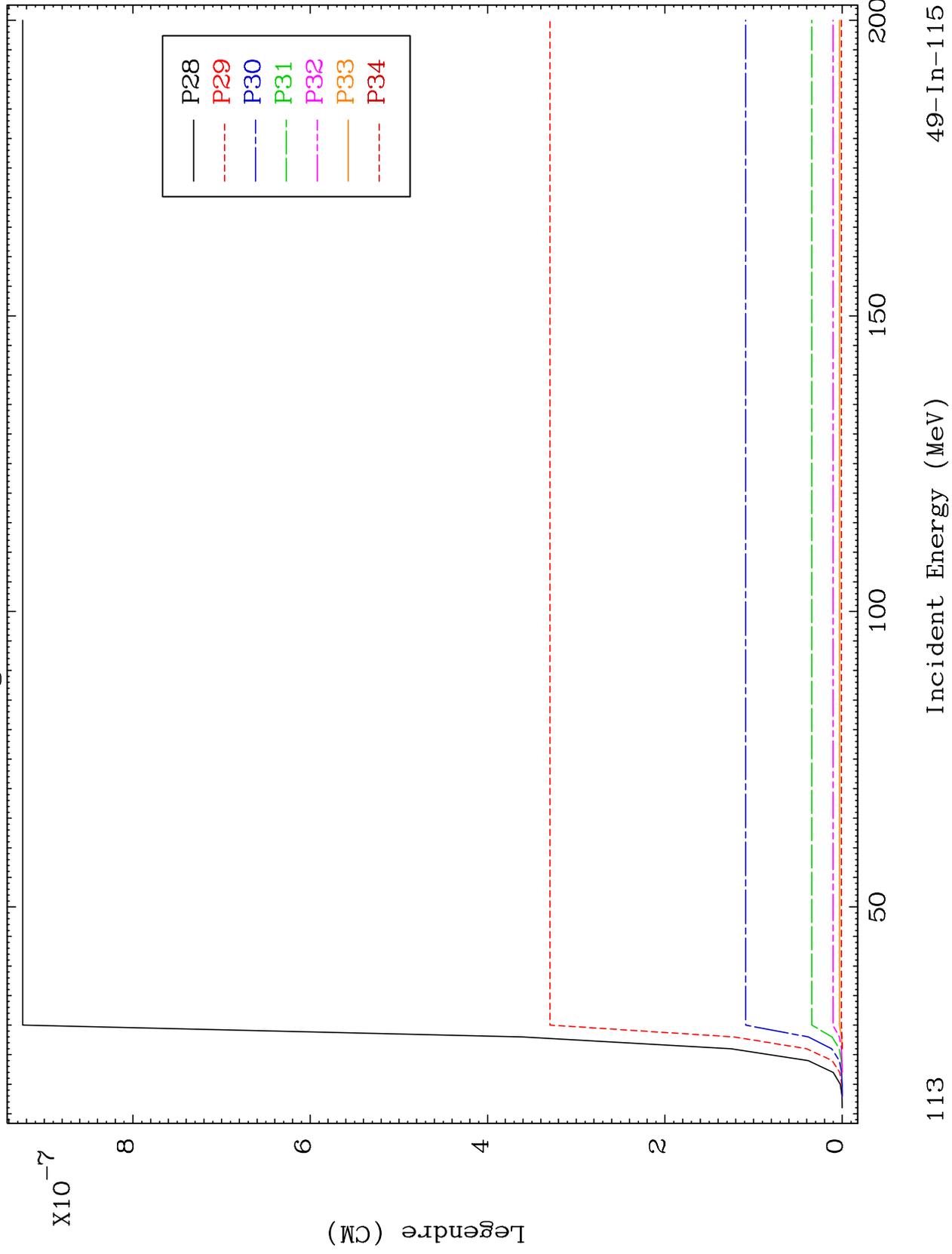


112

MAT 4931

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

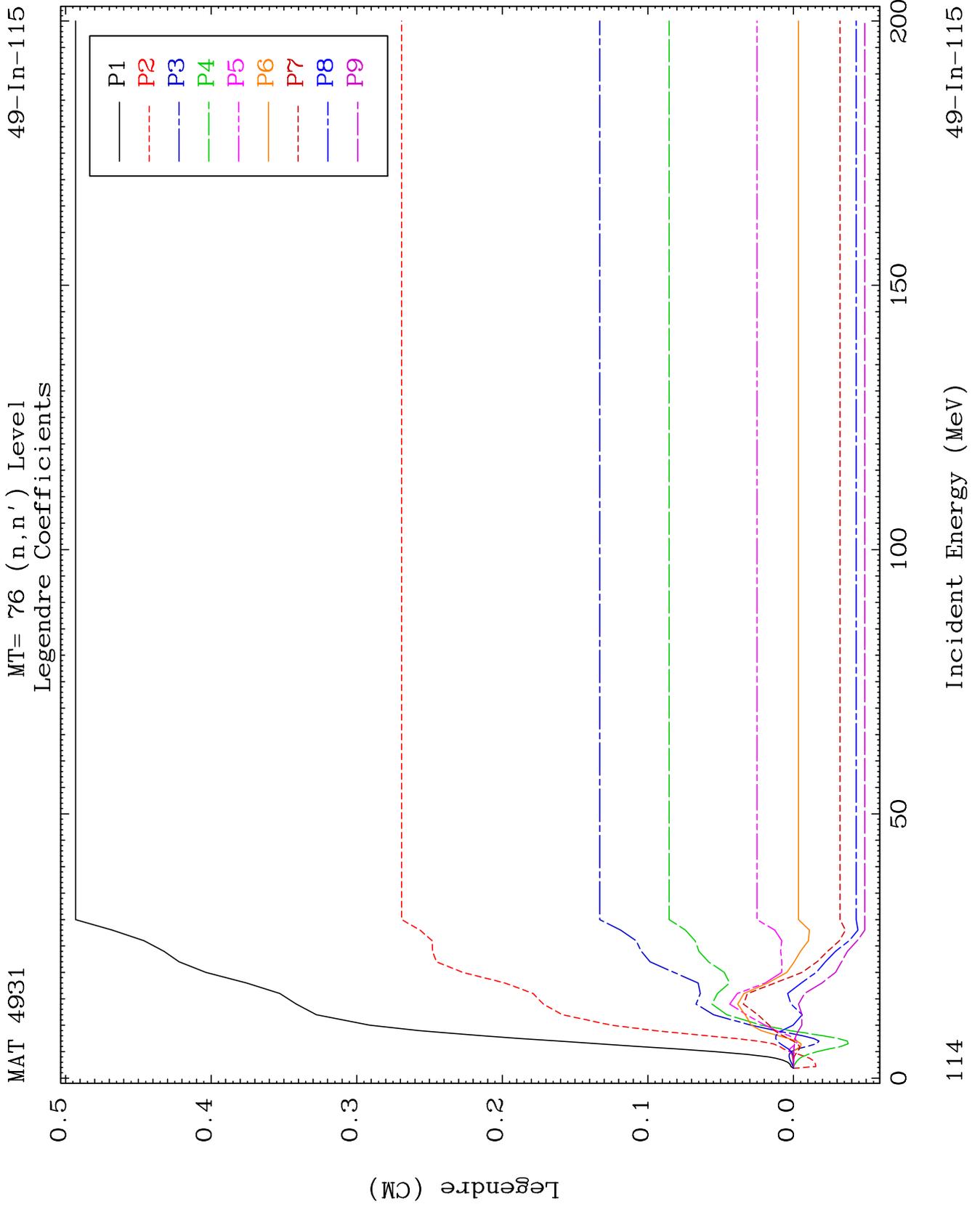
49-In-115



113

Incident Energy (MeV)

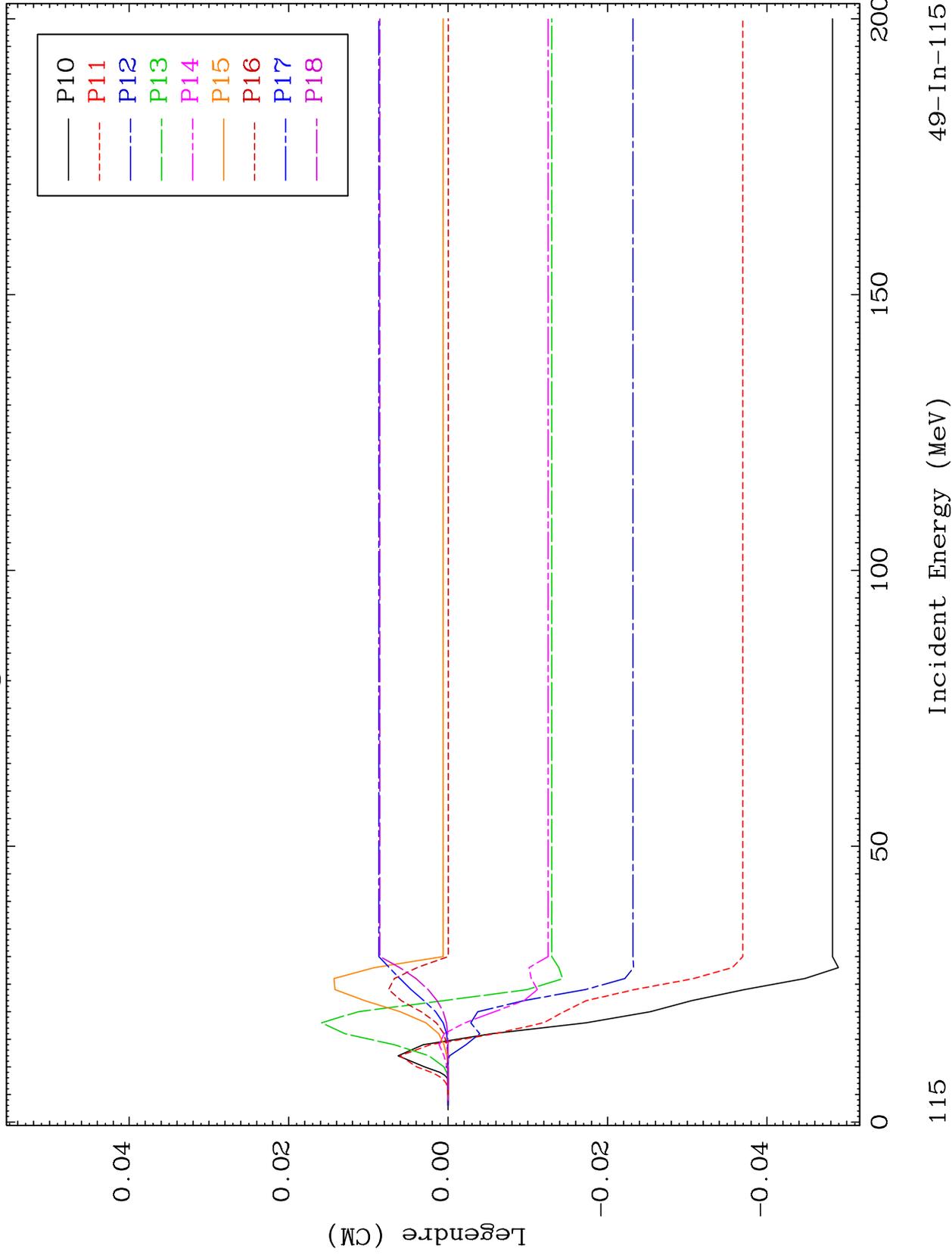
49-In-115



MAT 4931

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

49-In-115



115

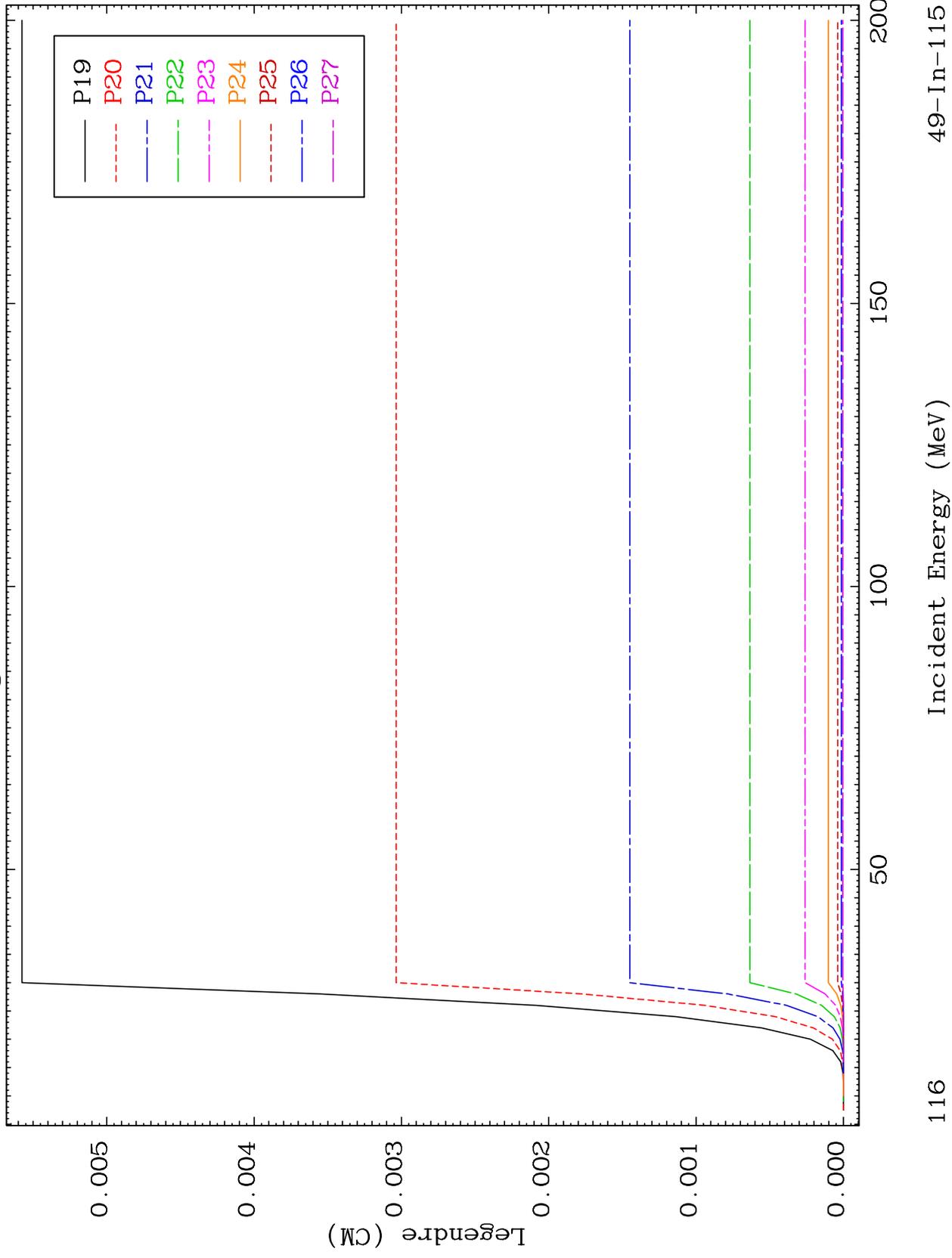
Incident Energy (MeV)

49-In-115

MAT 4931

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

49-In-115



116

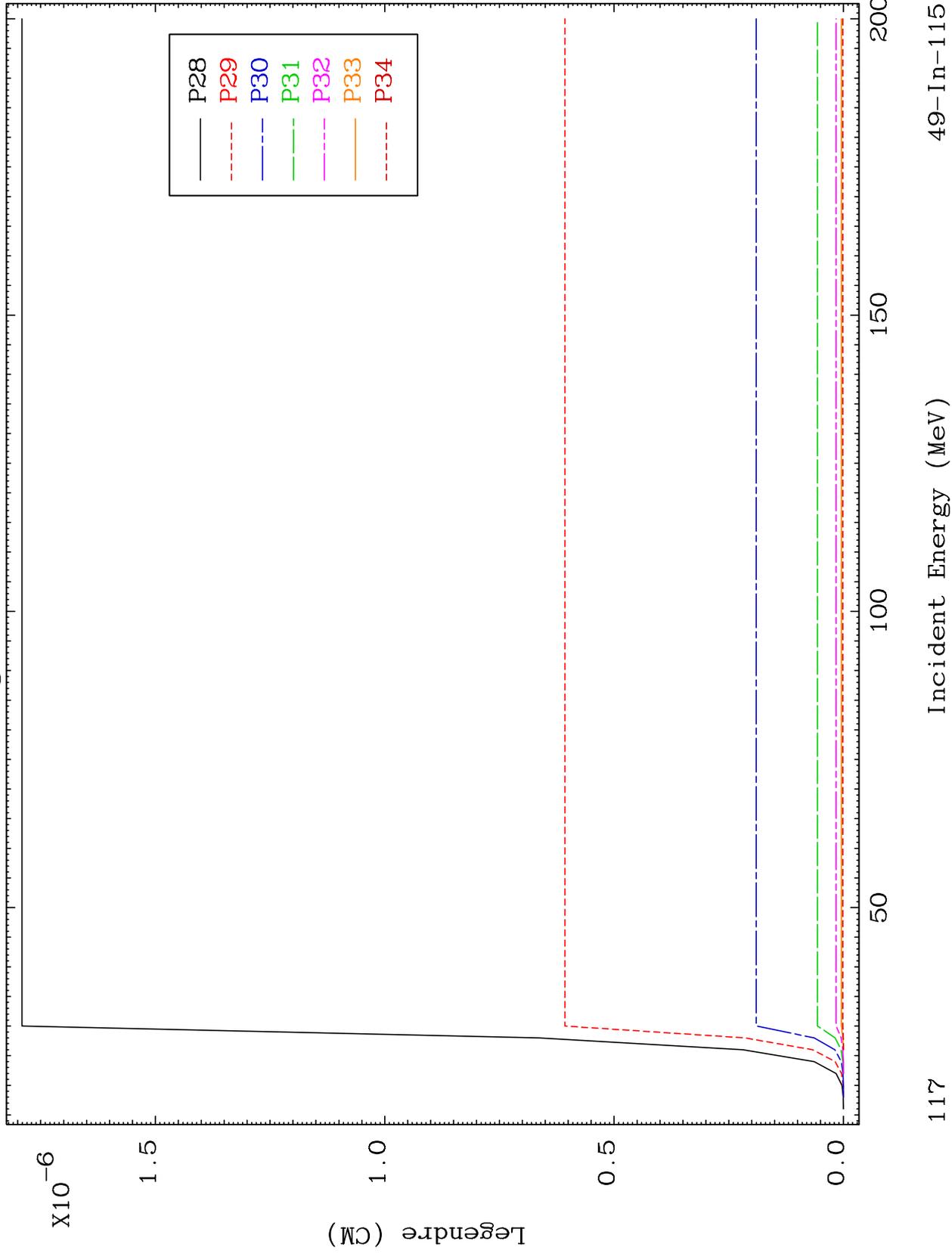
Incident Energy (MeV)

49-In-115

MAT 4931

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

49-In-115

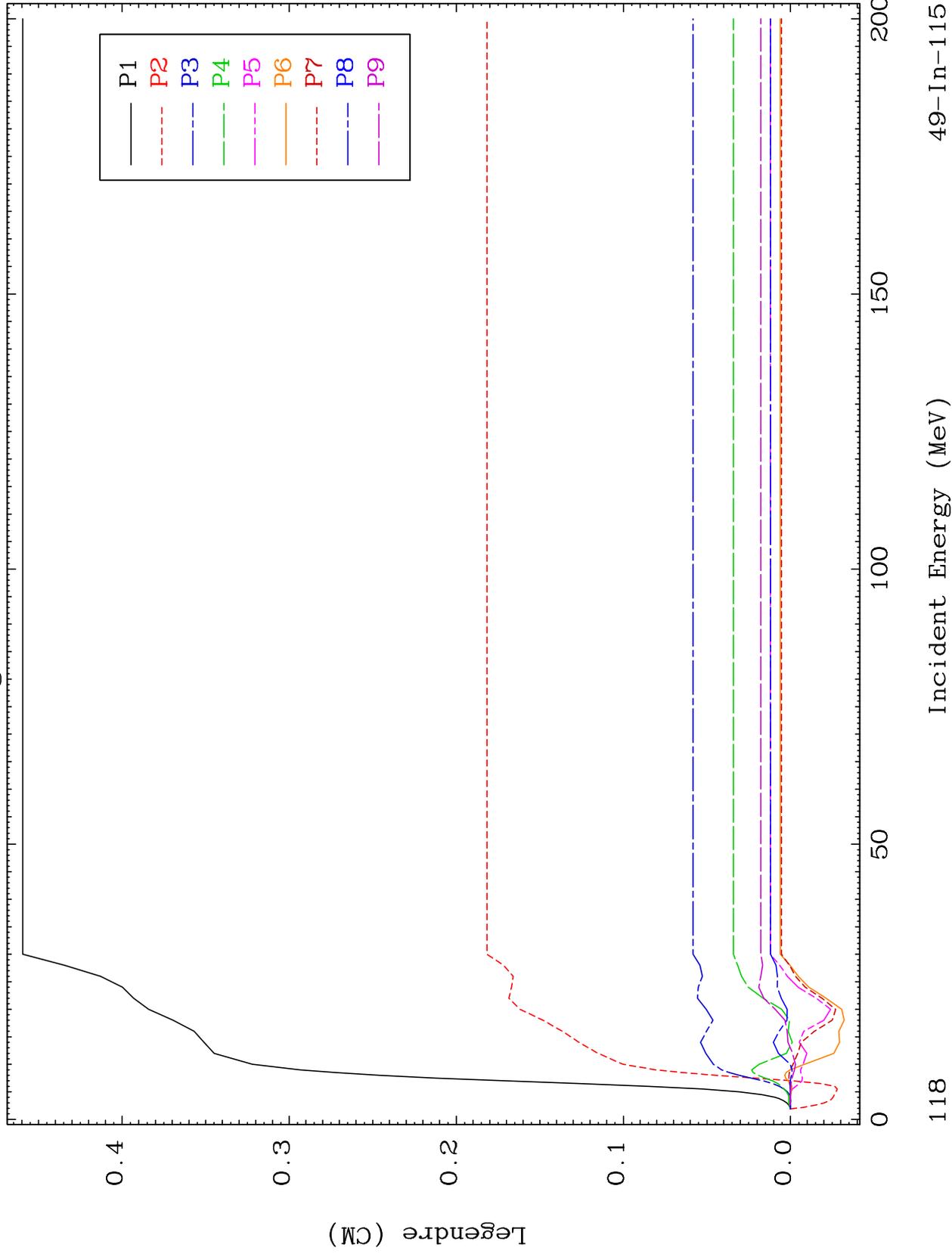


117

MAT 4931

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

49-In-115



49-In-115

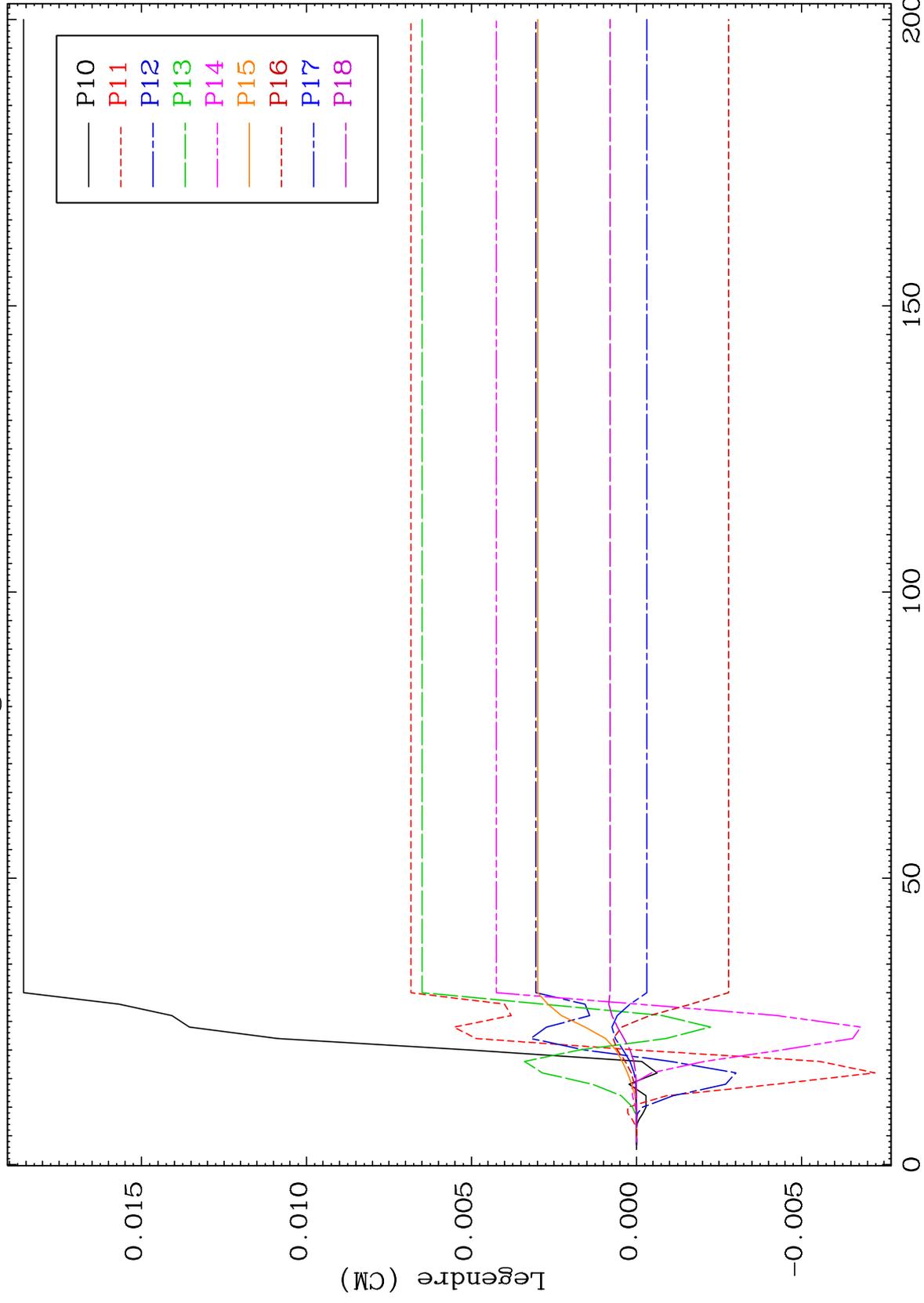
Incident Energy (MeV)

118

MAT 4931

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

49-In-115



119

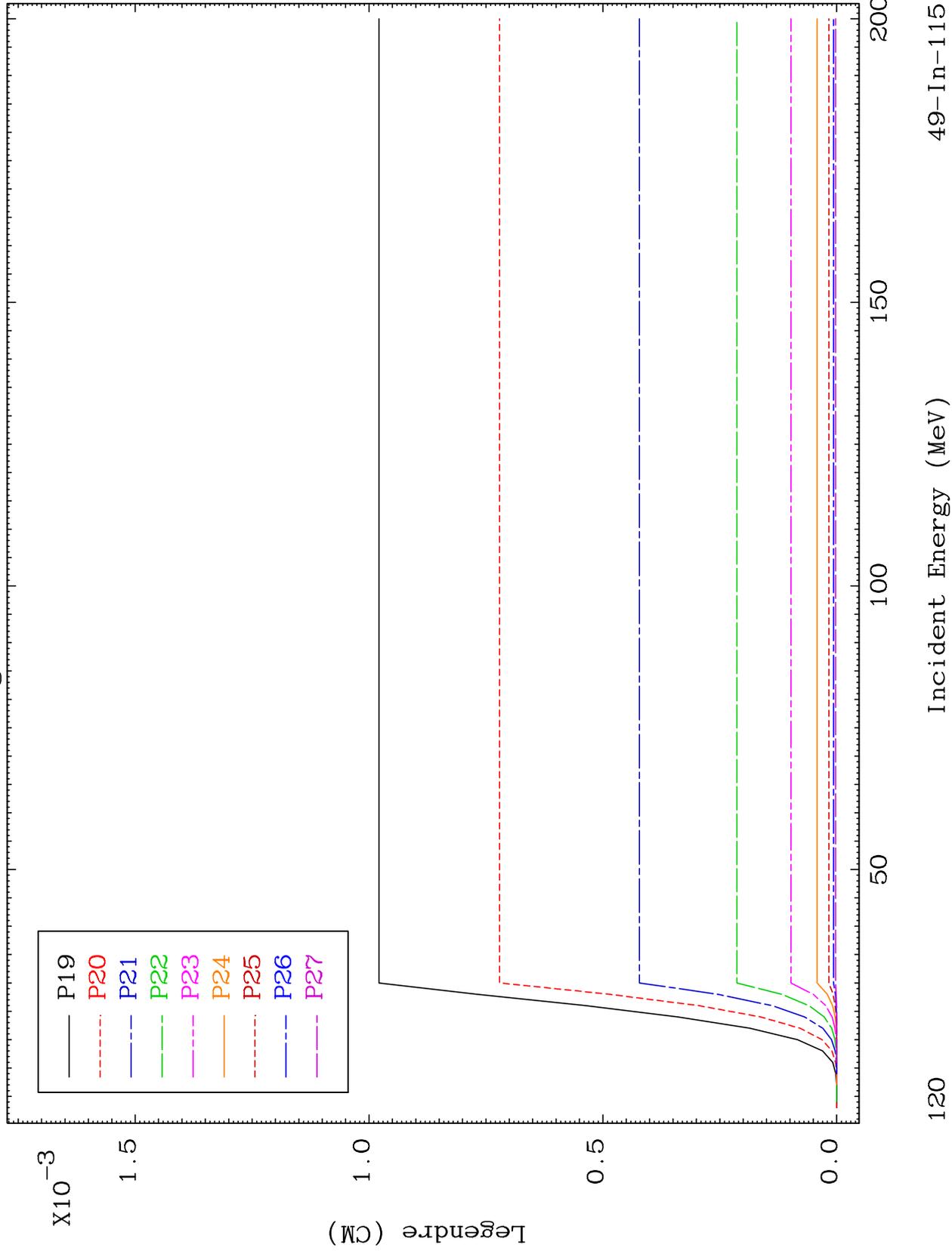
Incident Energy (MeV)

49-In-115

MAT 4931

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

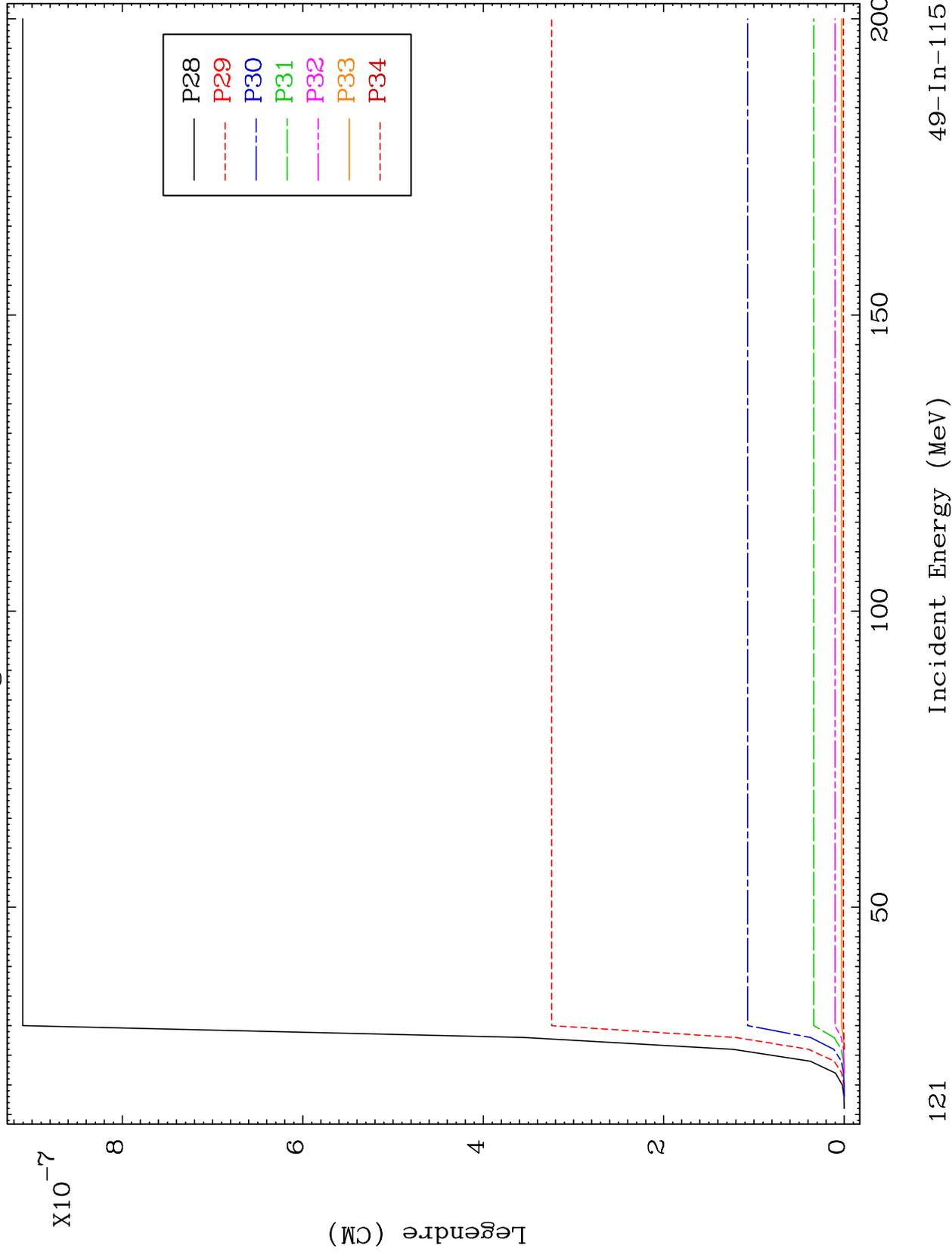
49-In-115



MAT 4931

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

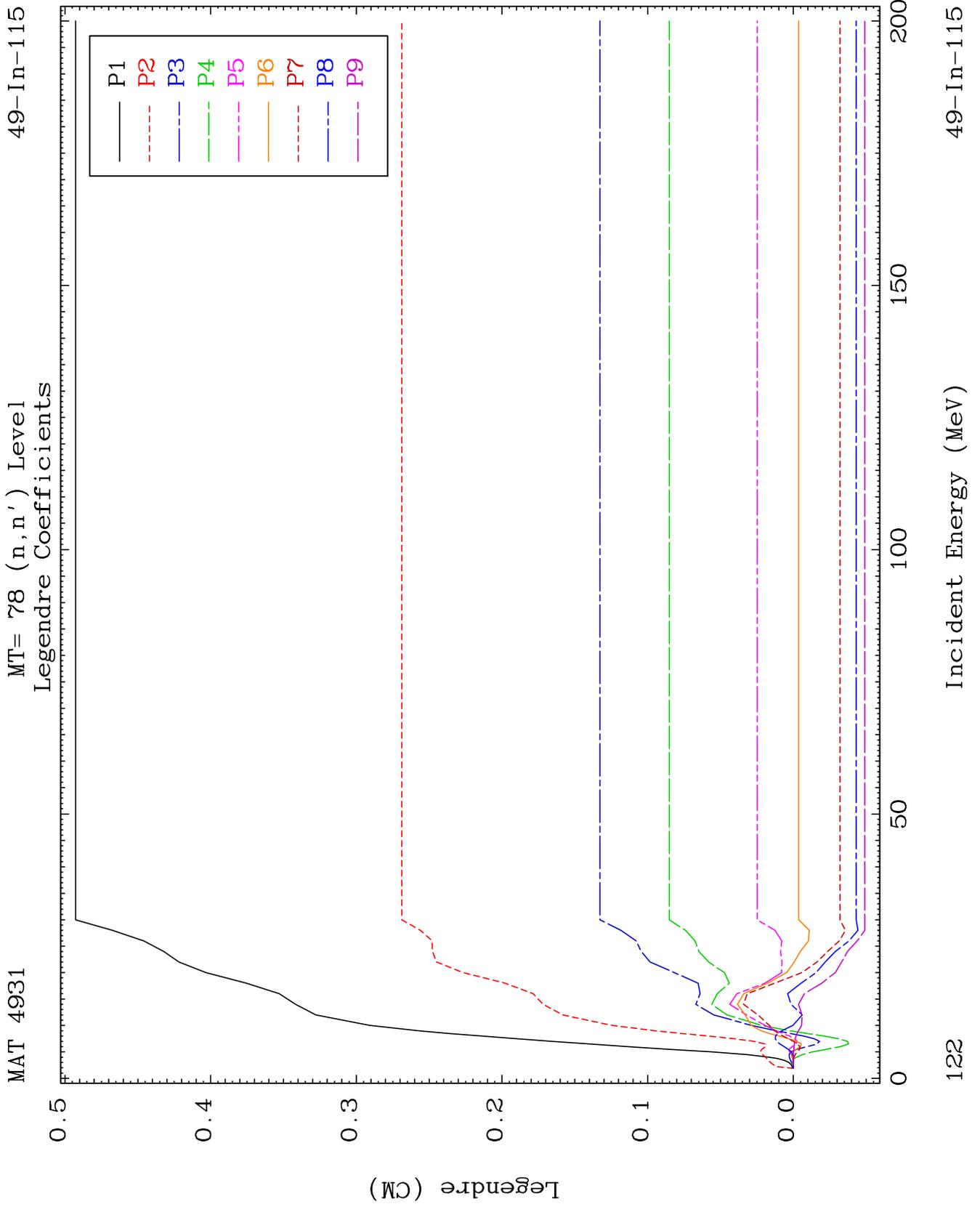
49-In-115



121

Incident Energy (MeV)

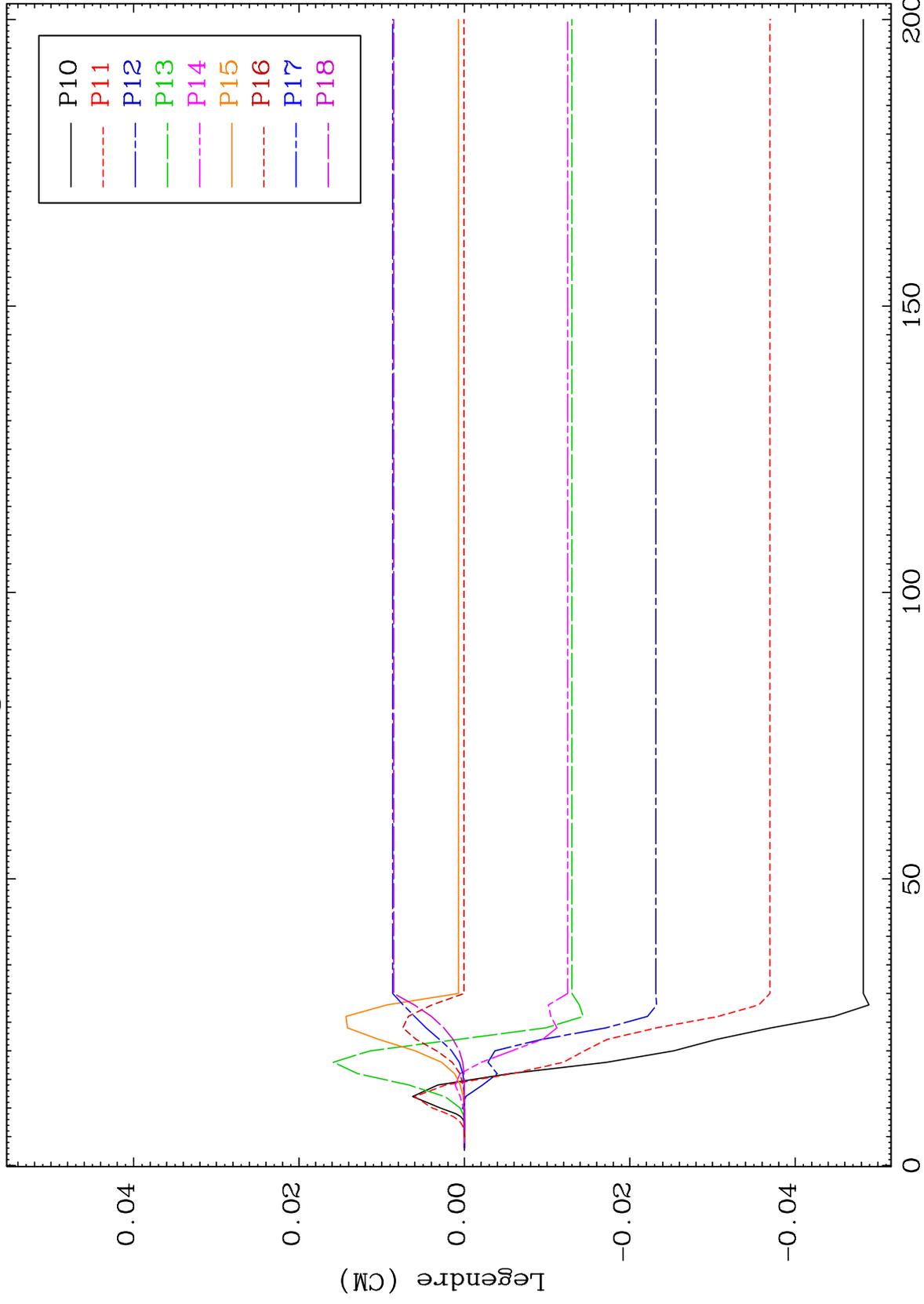
49-In-115



MAT 4931

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

49-In-115



123

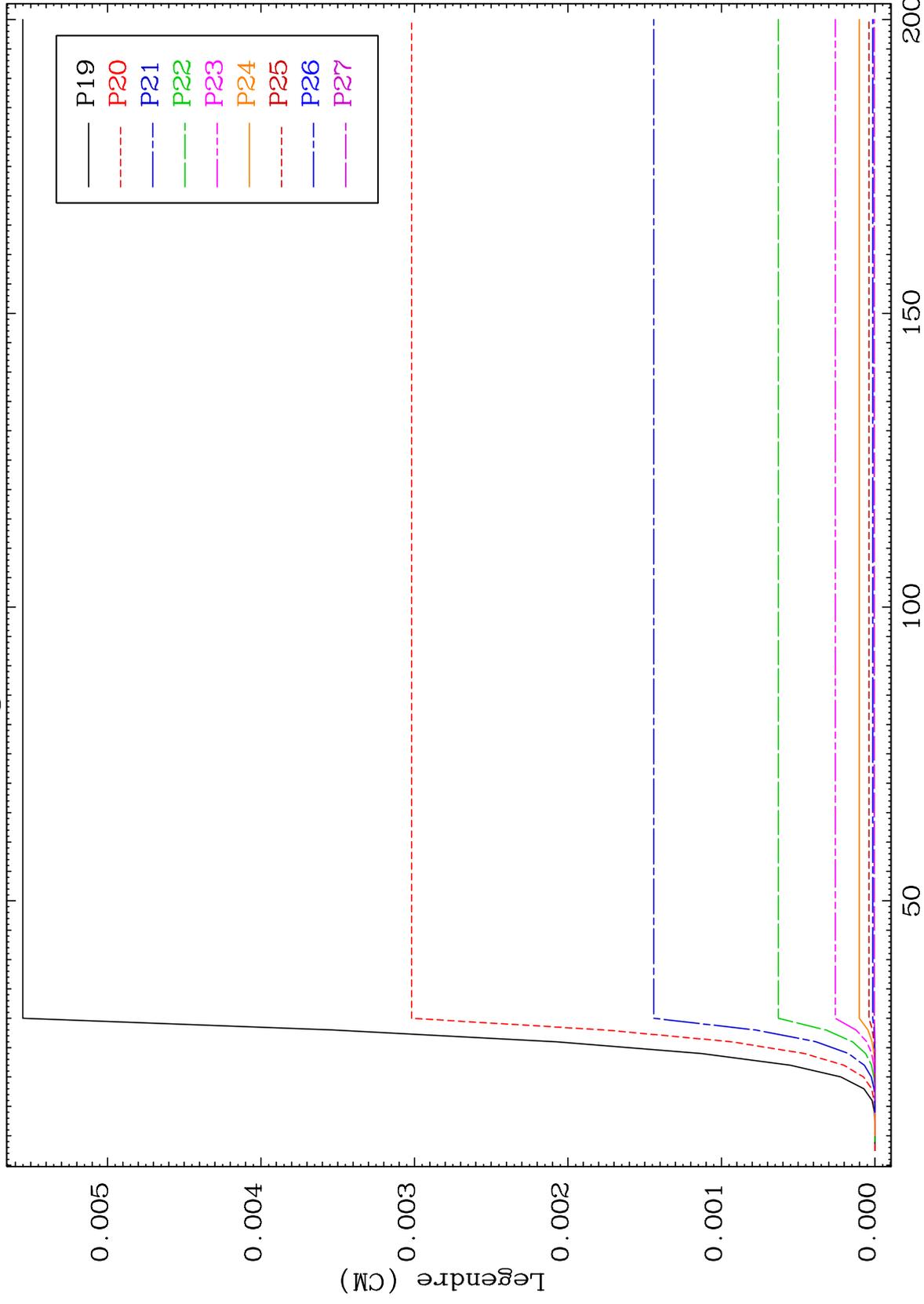
Incident Energy (MeV)

49-In-115

MAT 4931

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

49-In-115



124

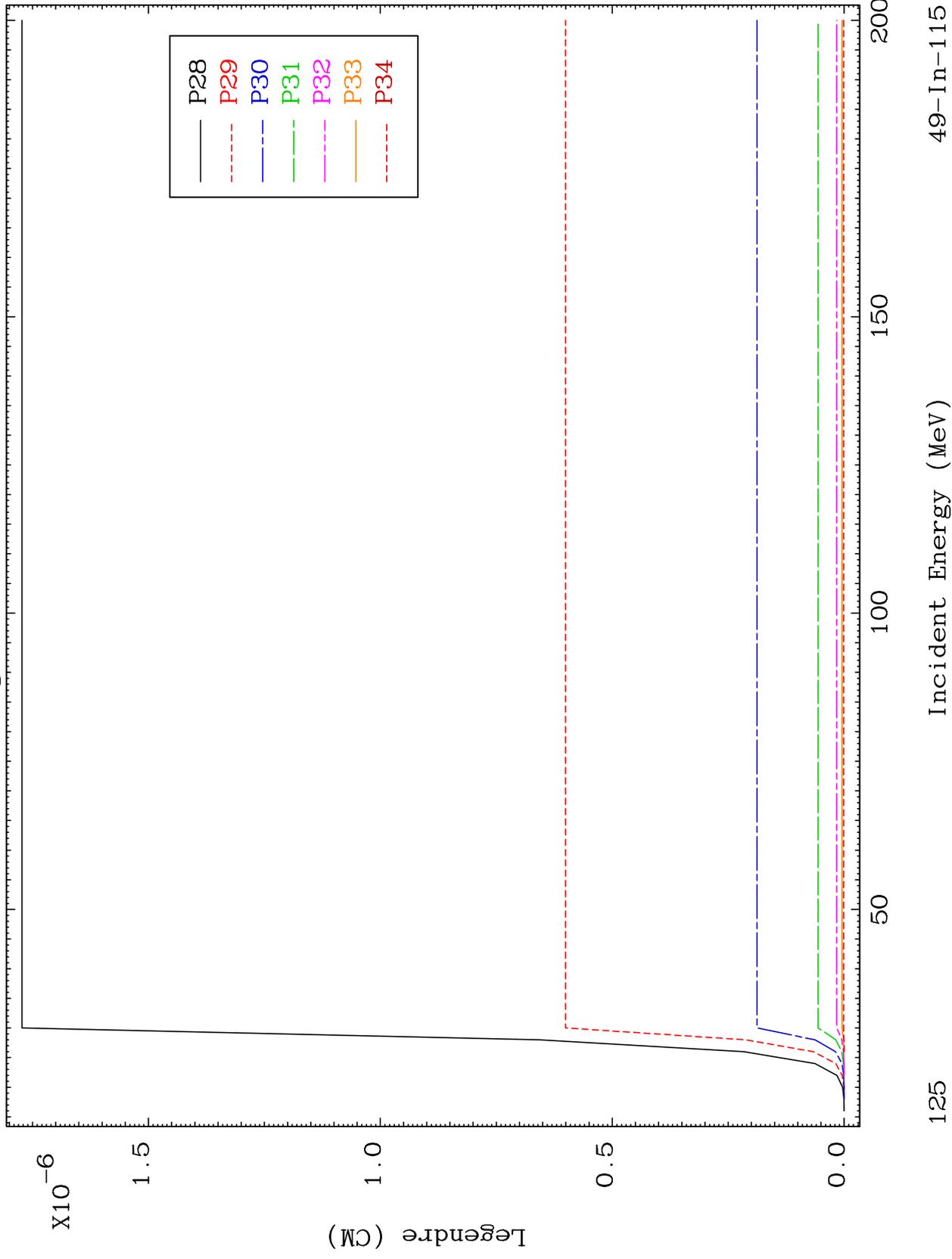
Incident Energy (MeV)

49-In-115

MAT 4931

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

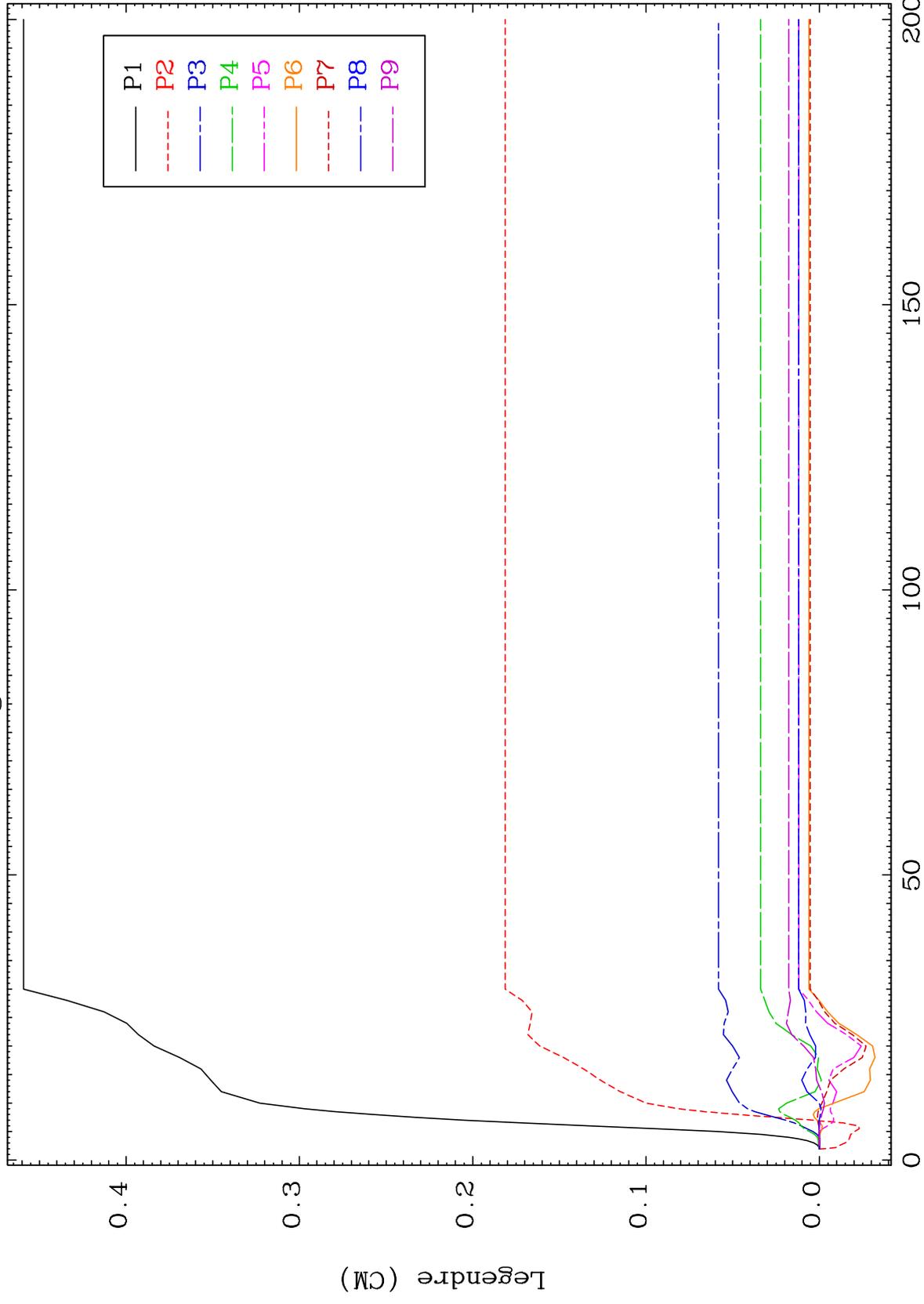
49-In-115



MAT 4931

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

49-In-115



126

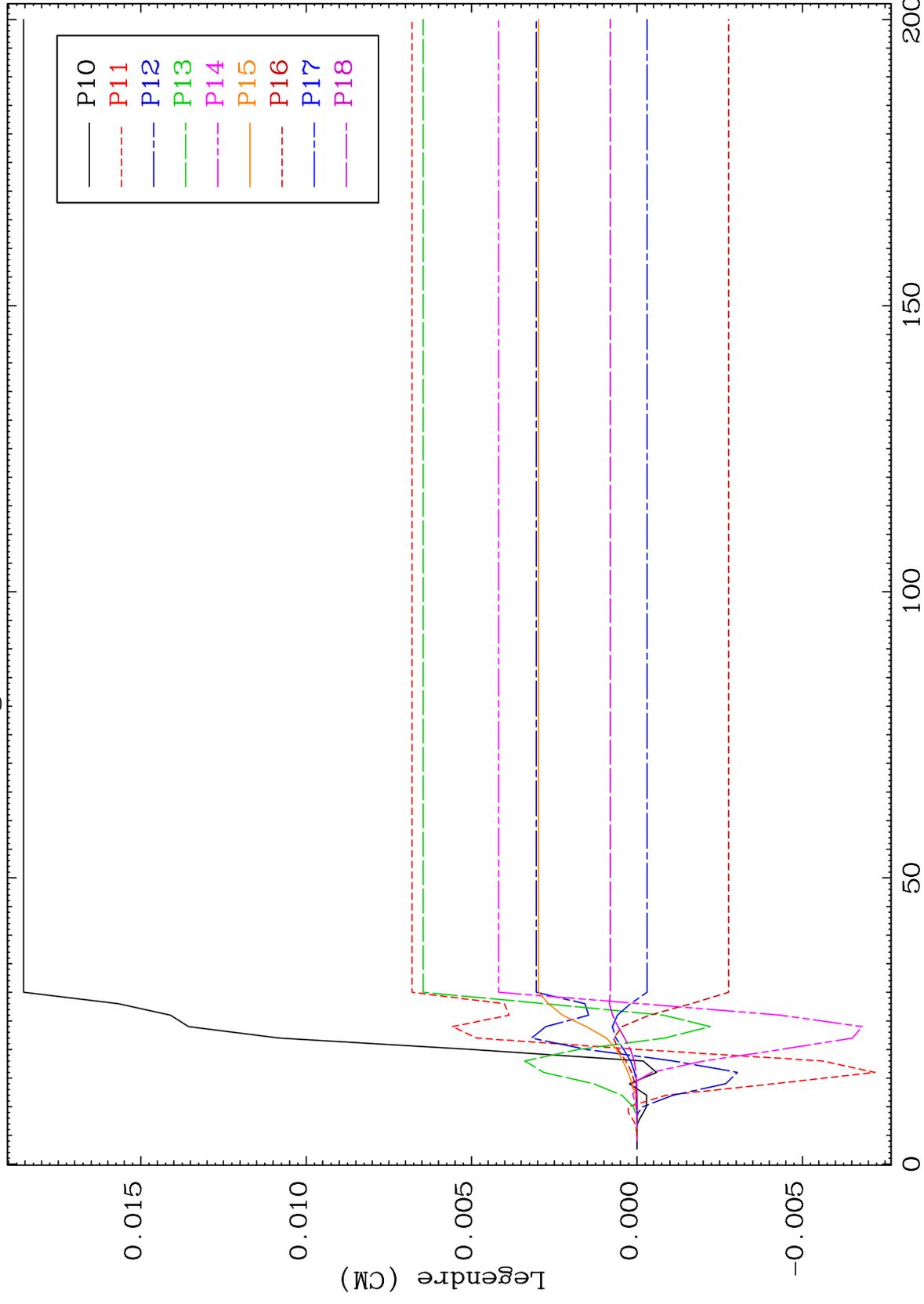
Incident Energy (MeV)

49-In-115

MAT 4931

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

49-In-115



127

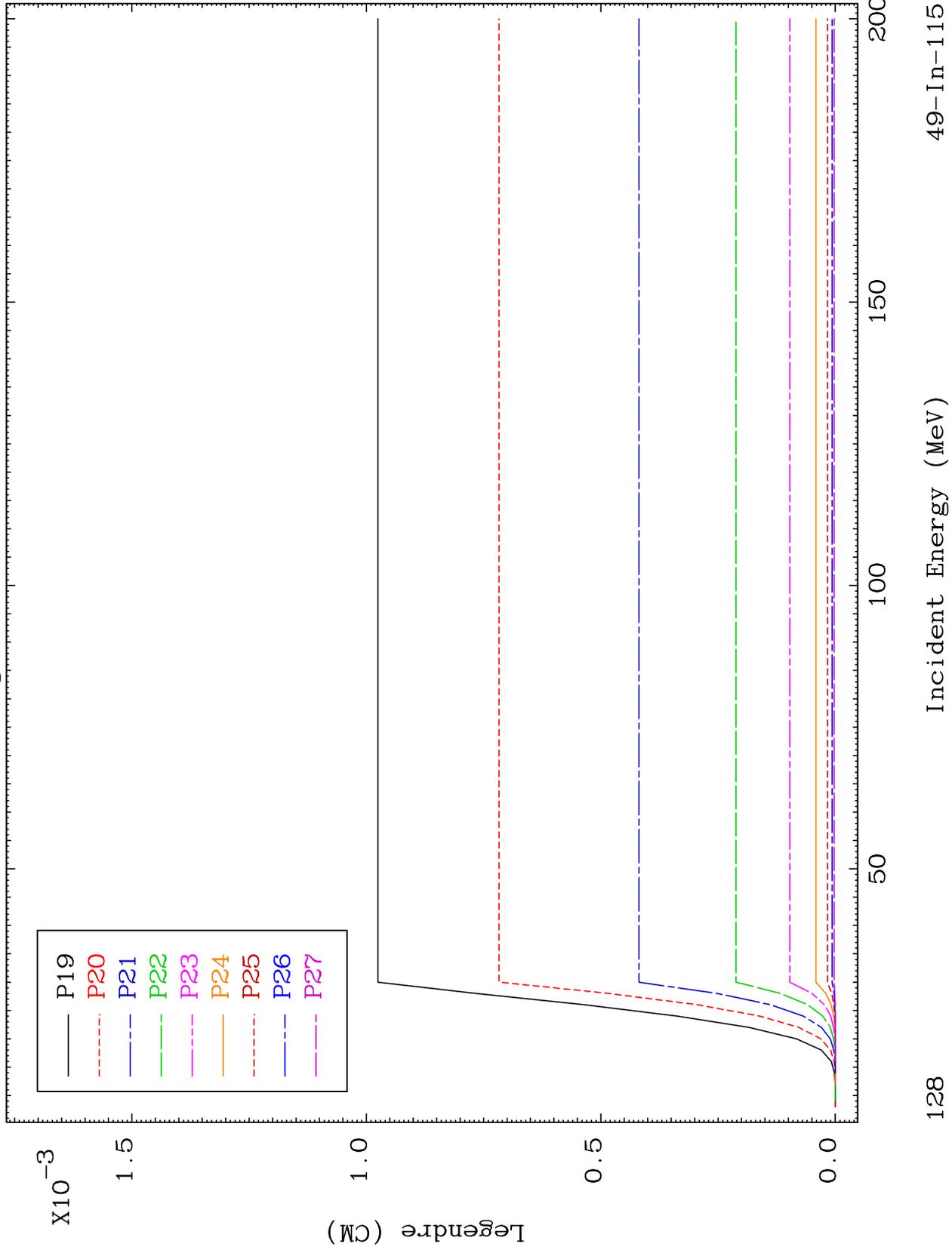
Incident Energy (MeV)

49-In-115

MAT 4931

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

49-In-115

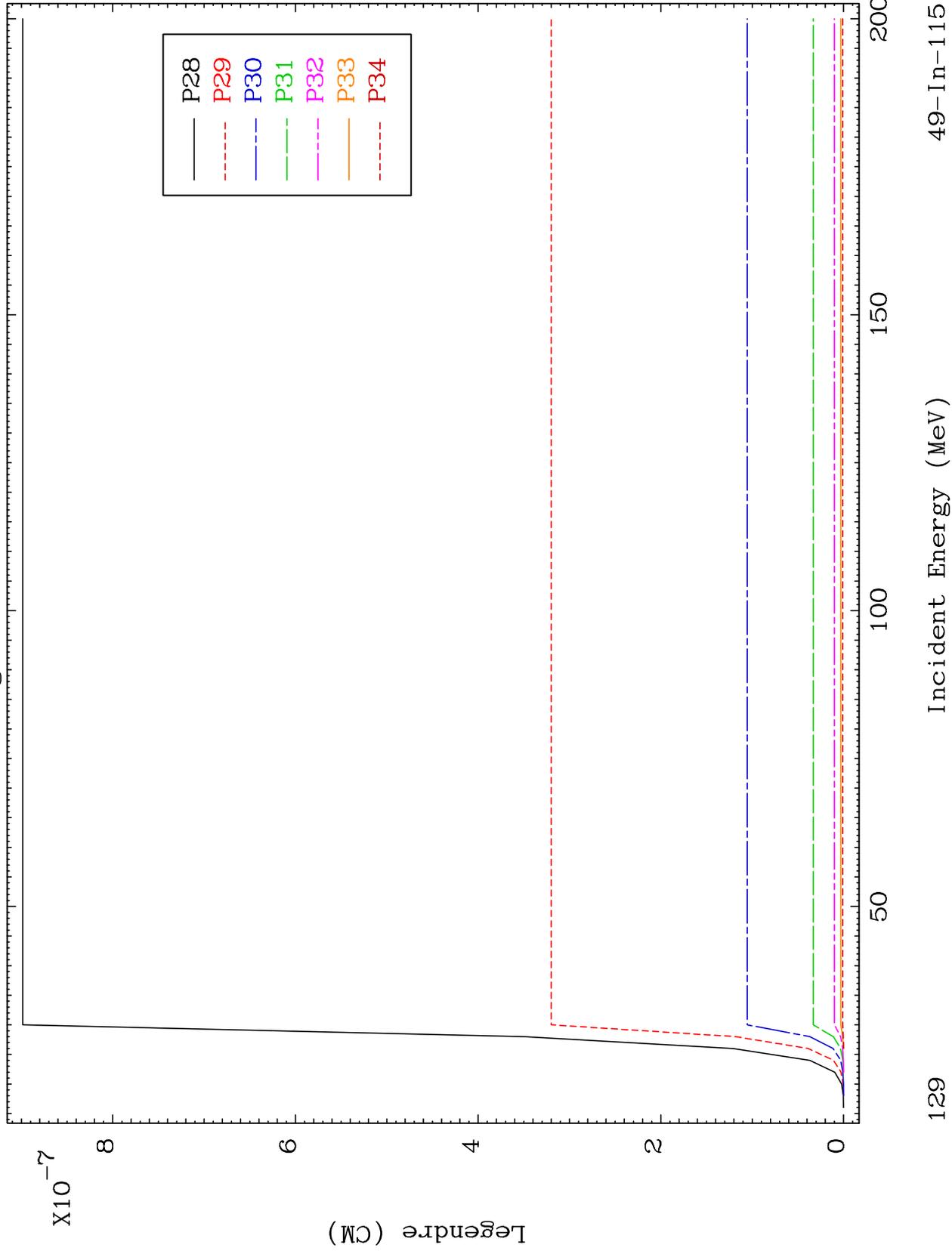


128

MAT 4931

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

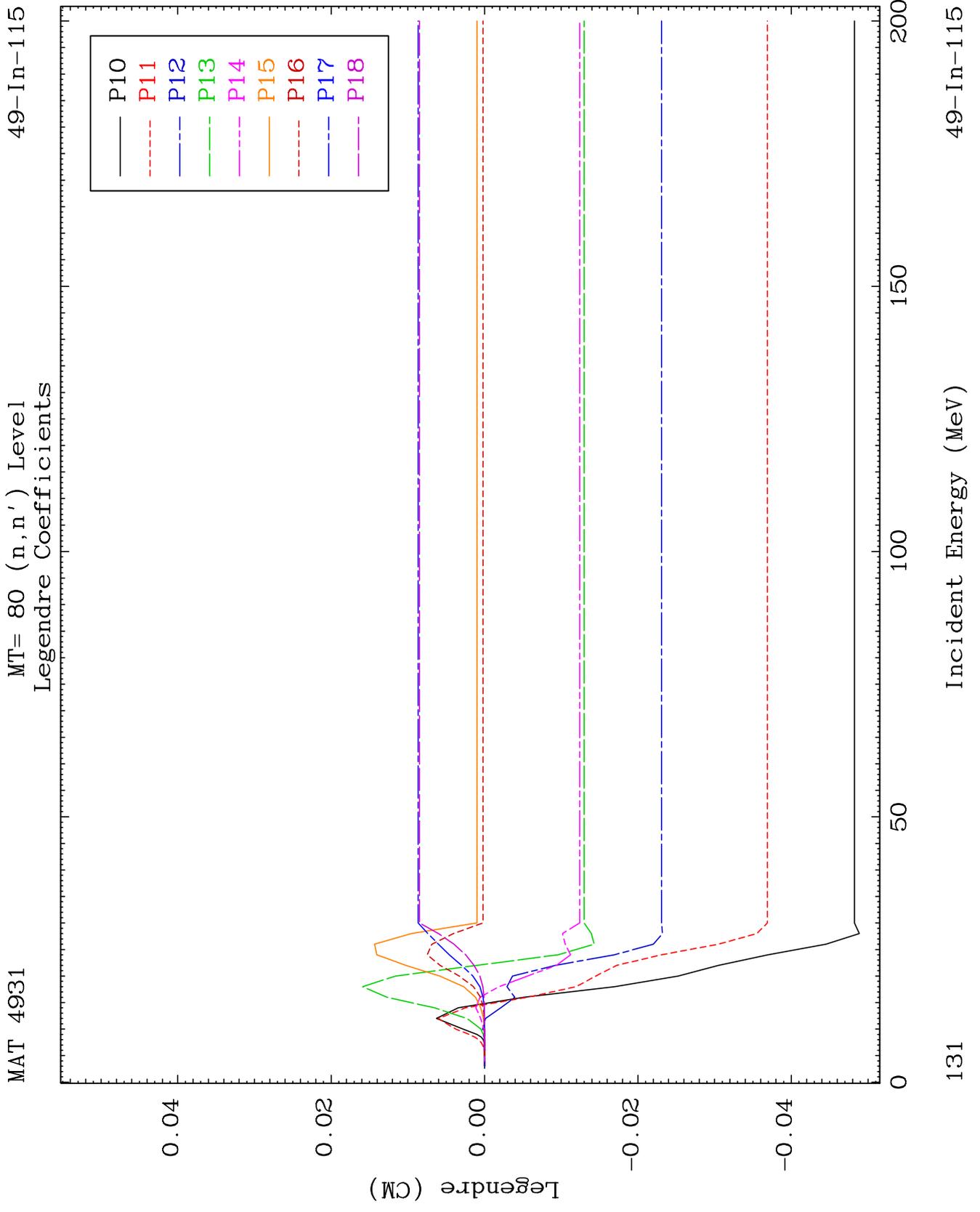
49-In-115



129

Incident Energy (MeV)

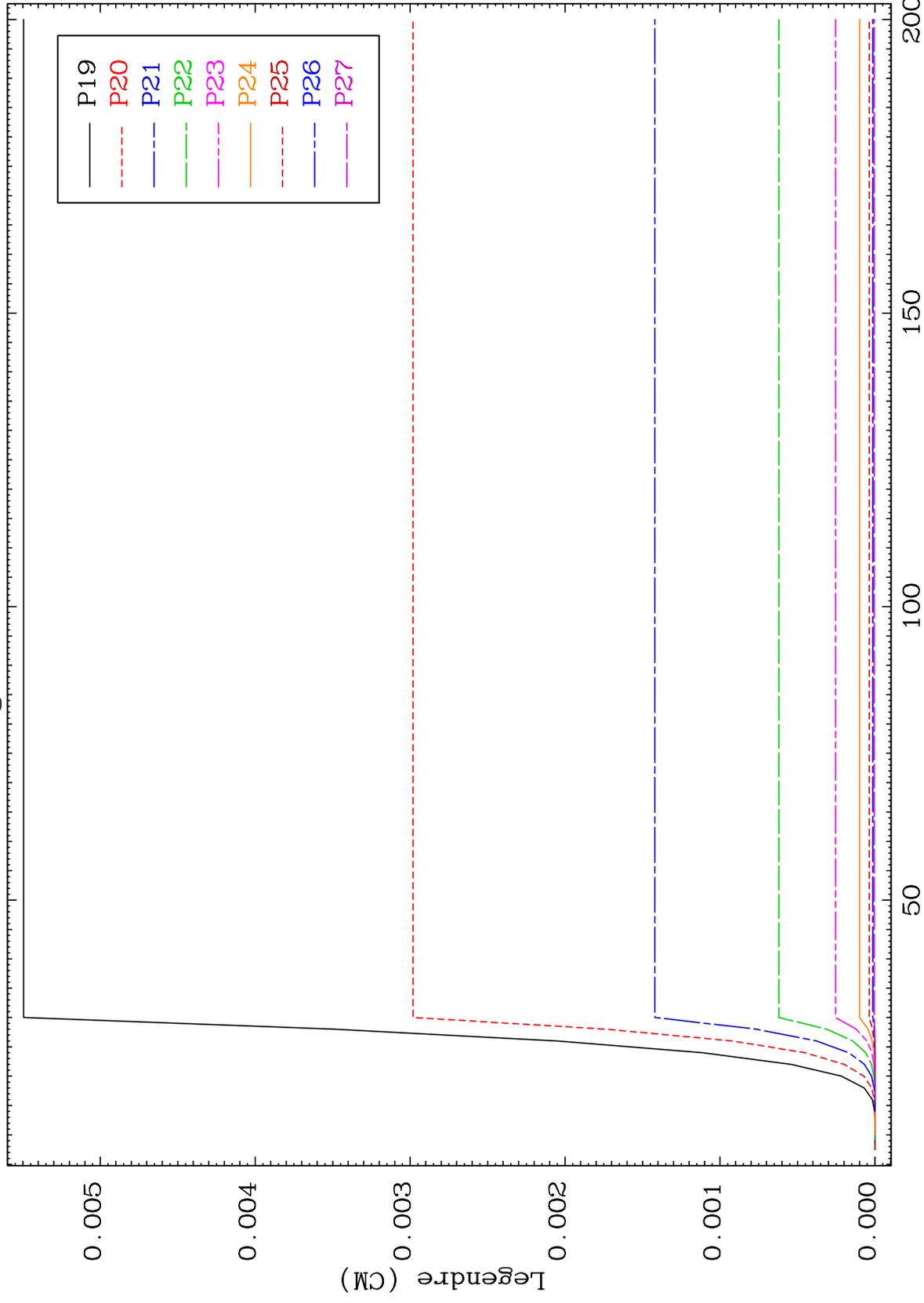
49-In-115



MAT 4931

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

49-In-115



132

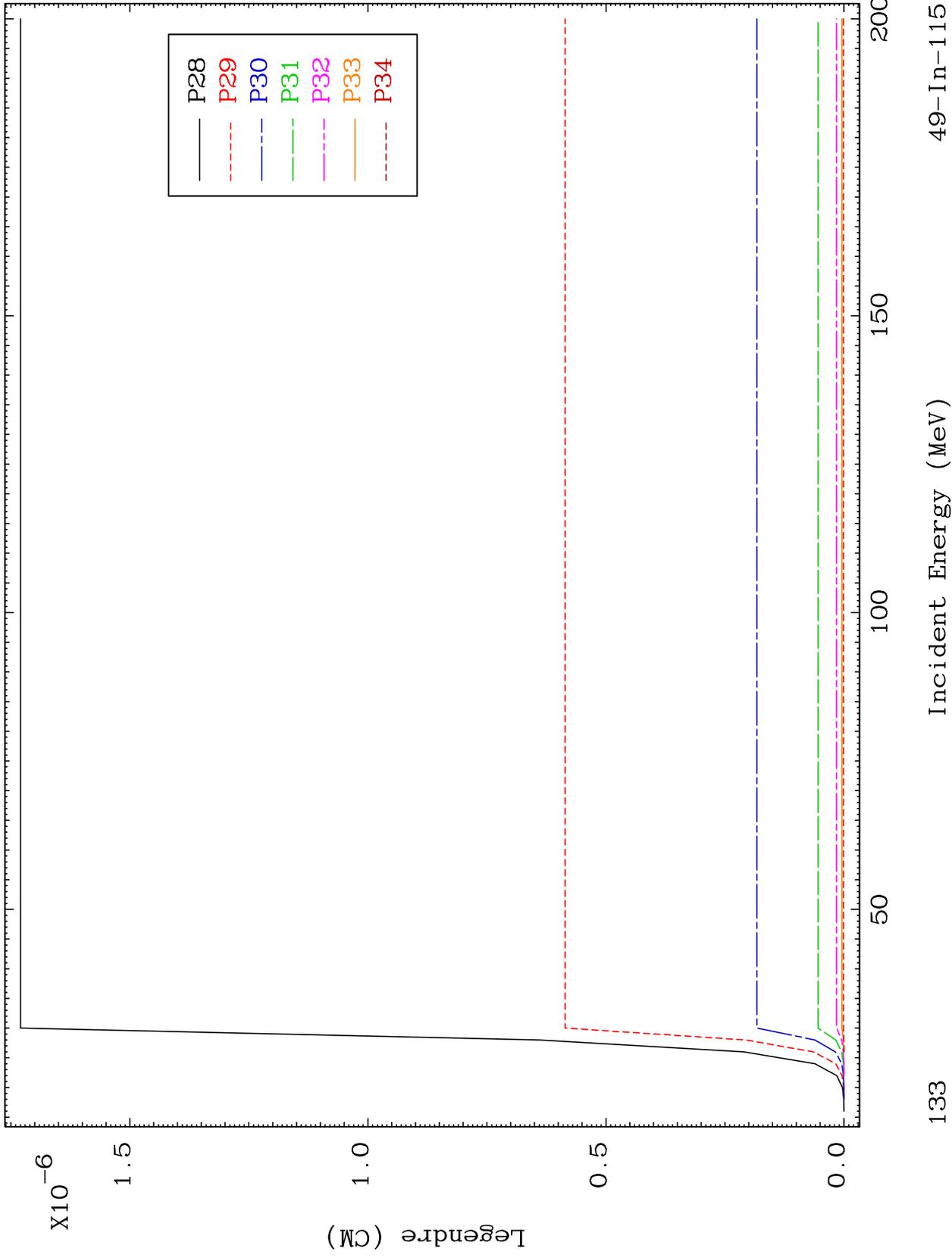
Incident Energy (MeV)

49-In-115

MAT 4931

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

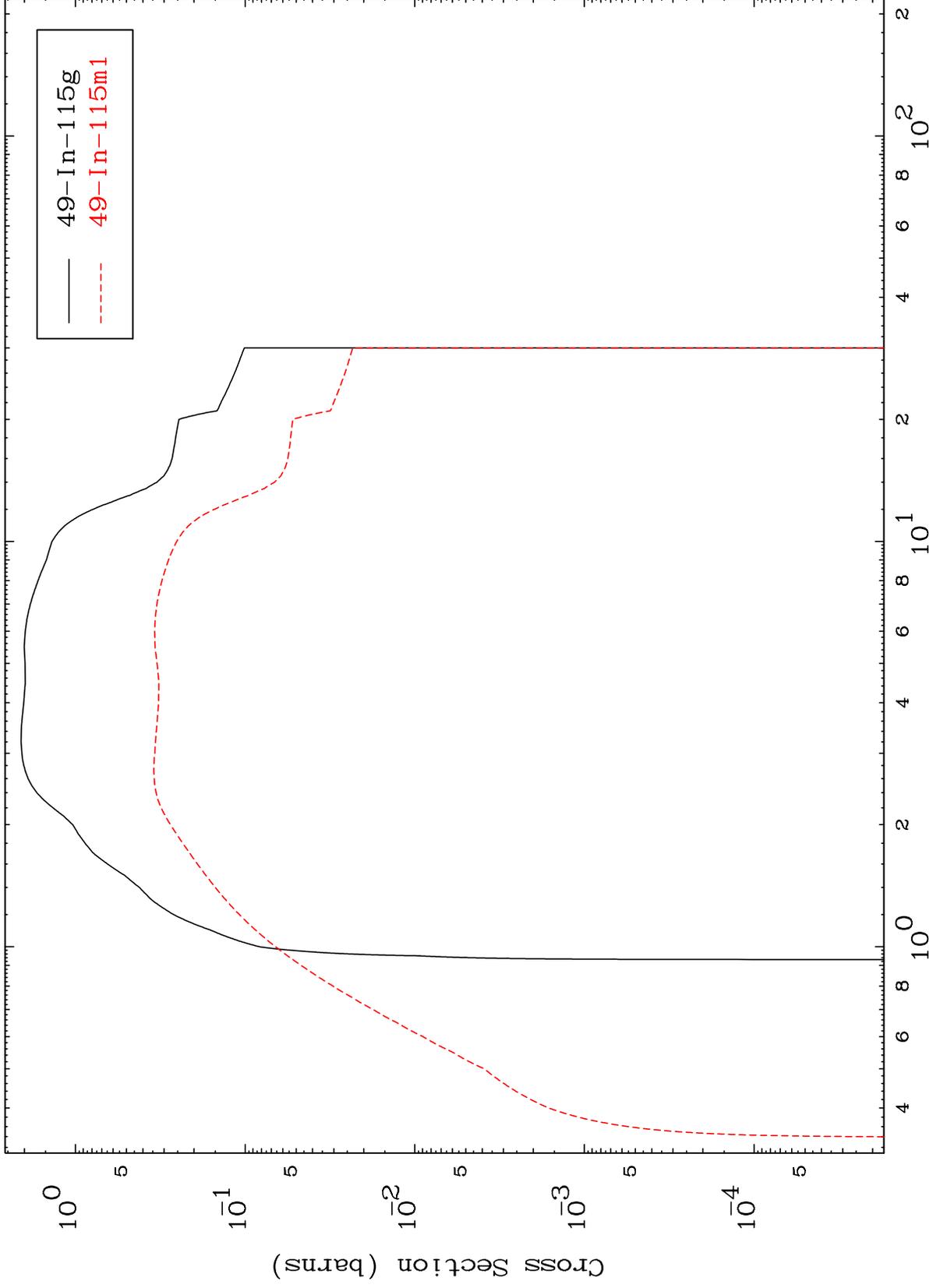
49-In-115



MAT 4931

49-In-115

Inelastic
Radionuclide Production Cross Section



134

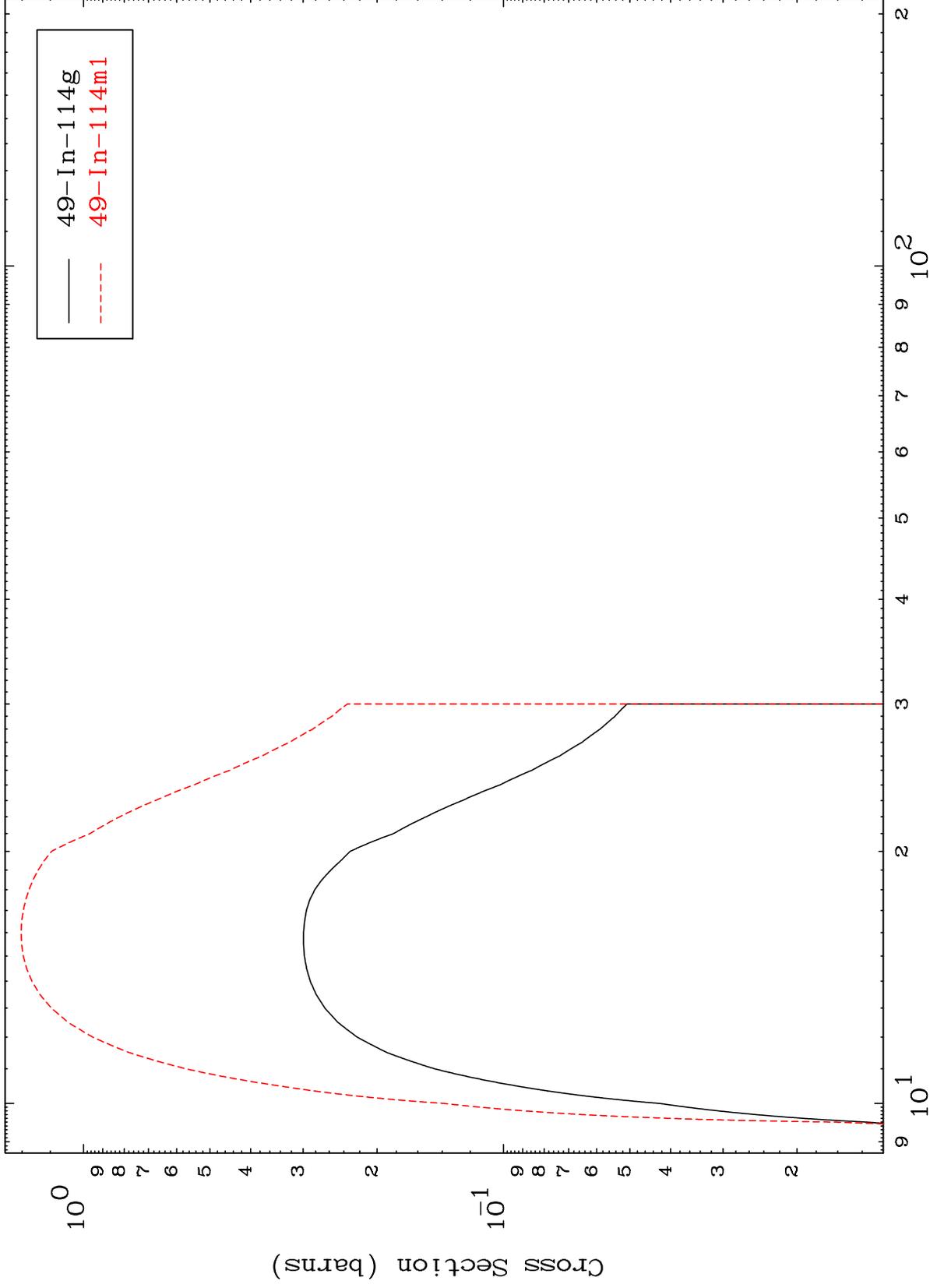
Incident Energy (MeV)

49-In-115

MAT 4931

49-In-115

(n,2n)
Radionuclide Production Cross Section



49-In-115

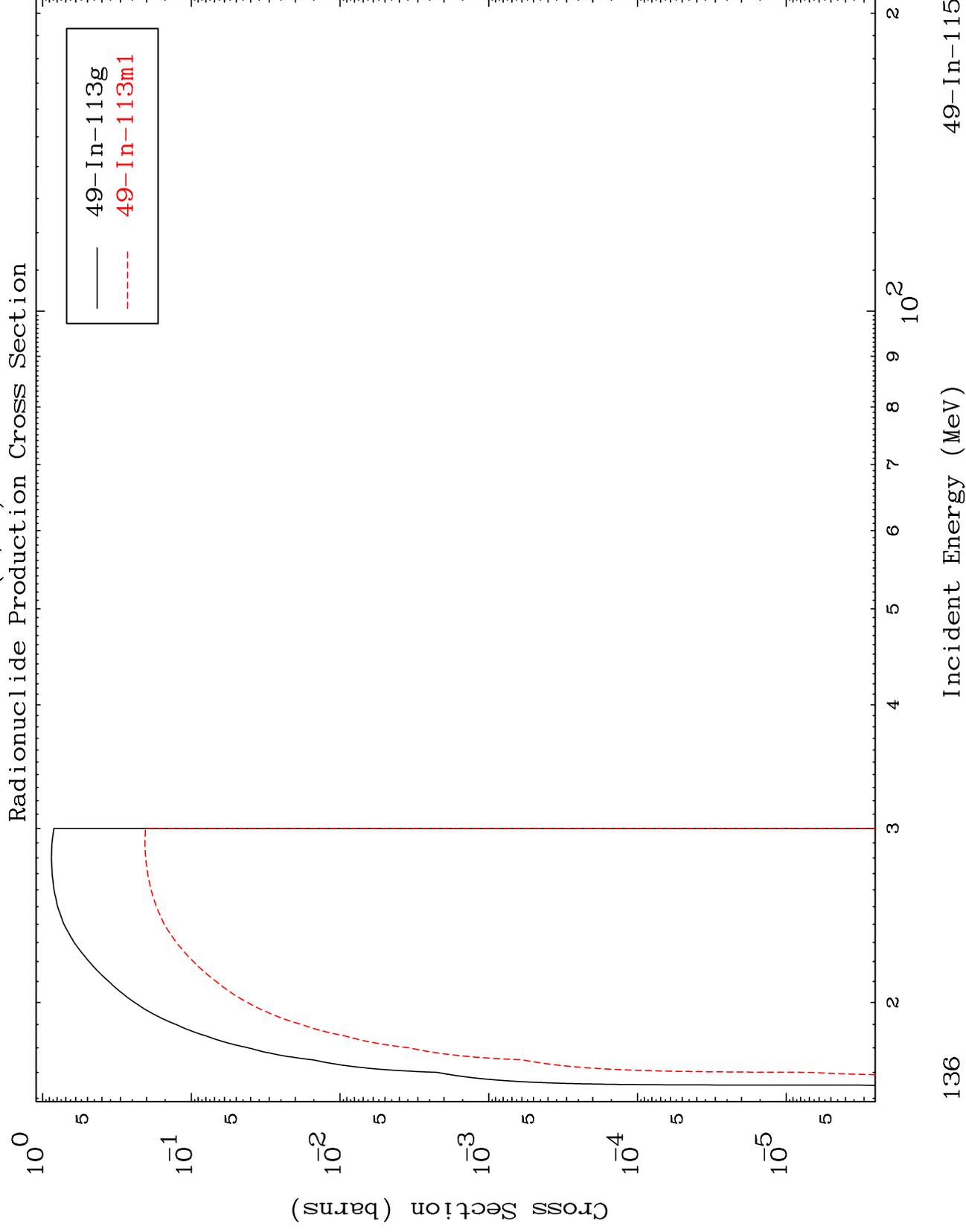
Incident Energy (MeV)

135

MAT 4931

(n,3n)

49-In-115



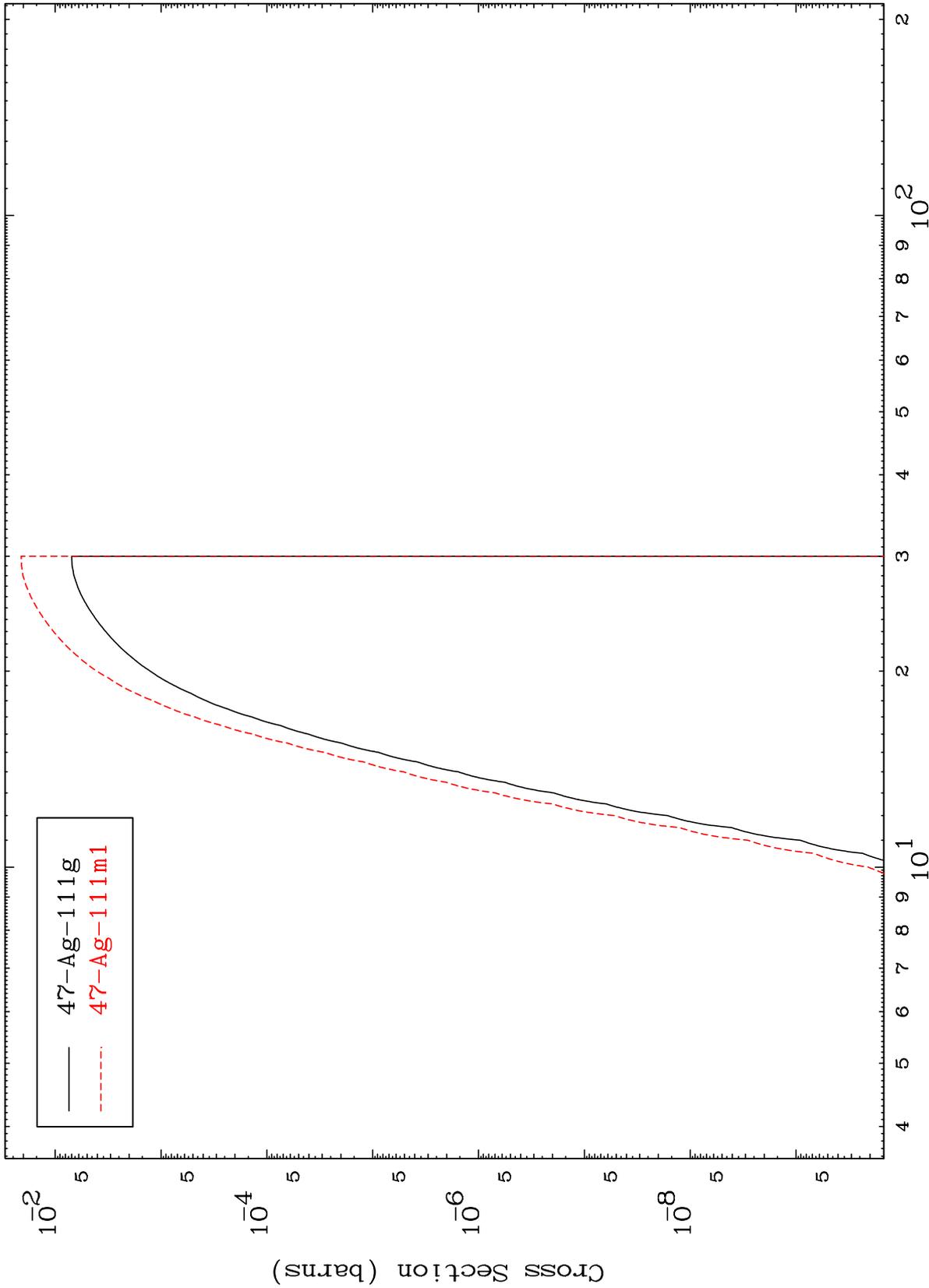
136

MAT 4931

49-In-115

(n,n') α

Radionuclide Production Cross Section



137

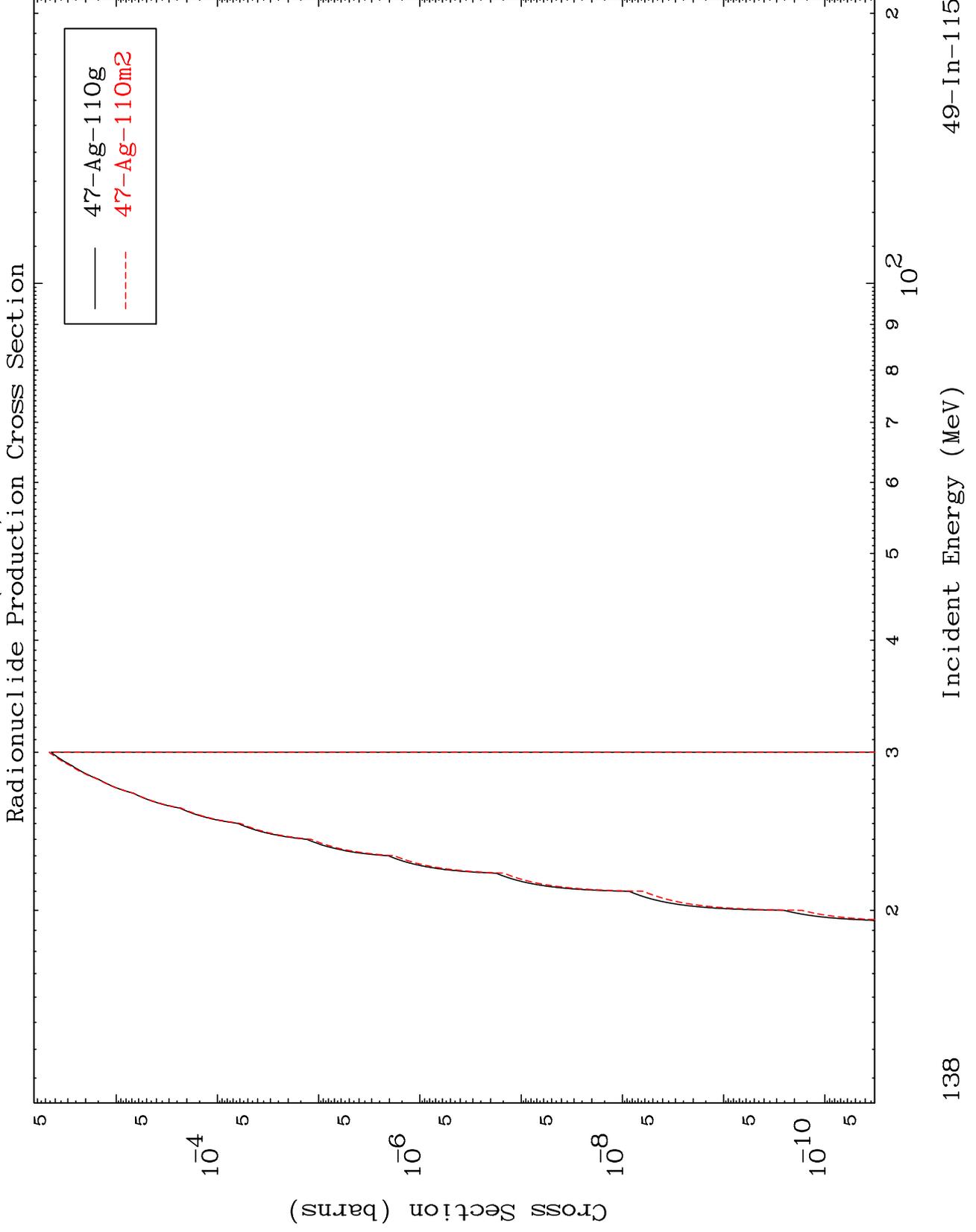
Incident Energy (MeV)

49-In-115

MAT 4931

(n,2n) α

49-In-115

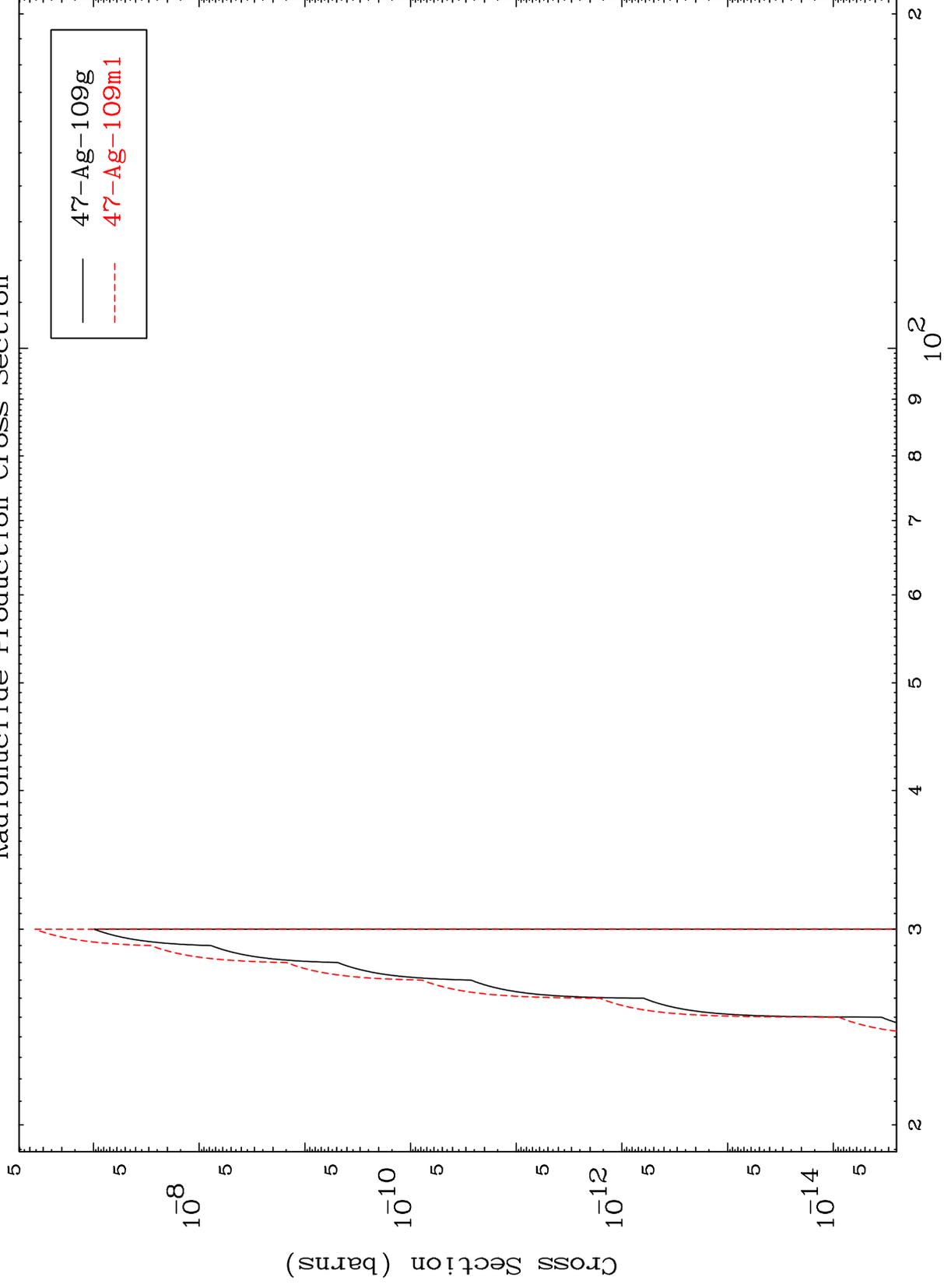


MAT 4931

(n,3n) α

49-In-115

Radionuclide Production Cross Section



139

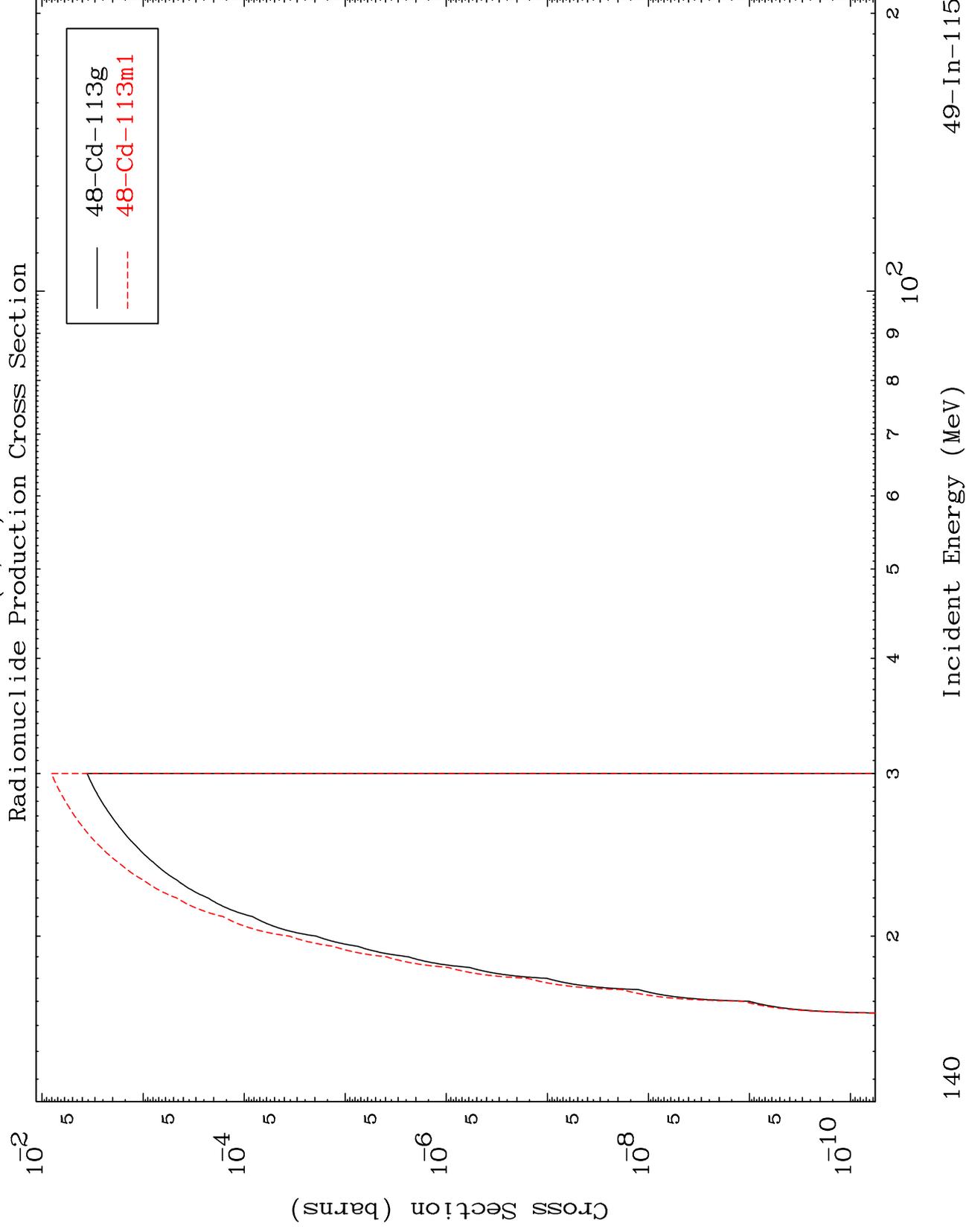
Incident Energy (MeV)

49-In-115

MAT 4931

(n,n') d

49-In-115



140

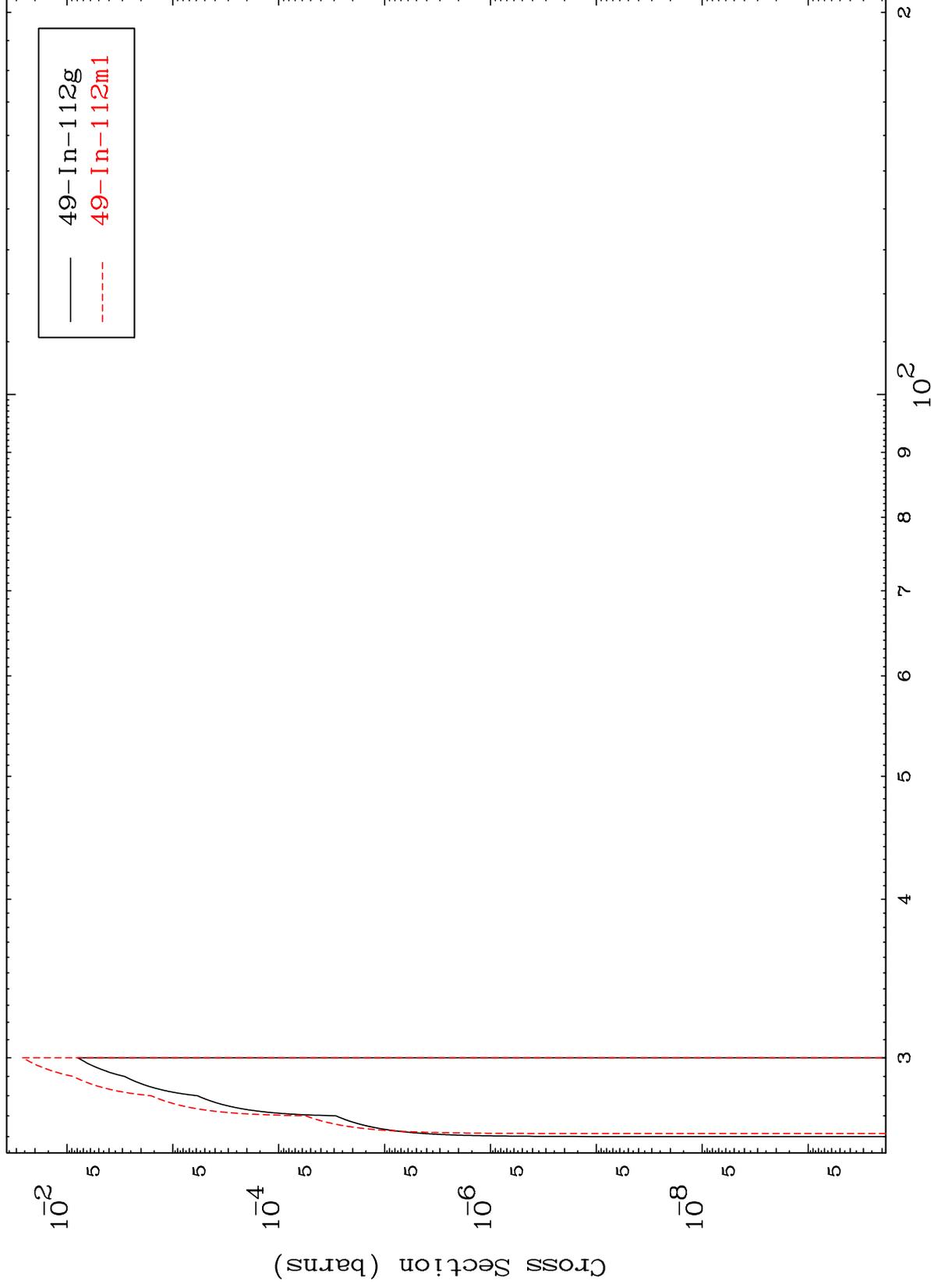
Incident Energy (MeV)

49-In-115

MAT 4931

49-In-115

(n,4n)
Radionuclide Production Cross Section

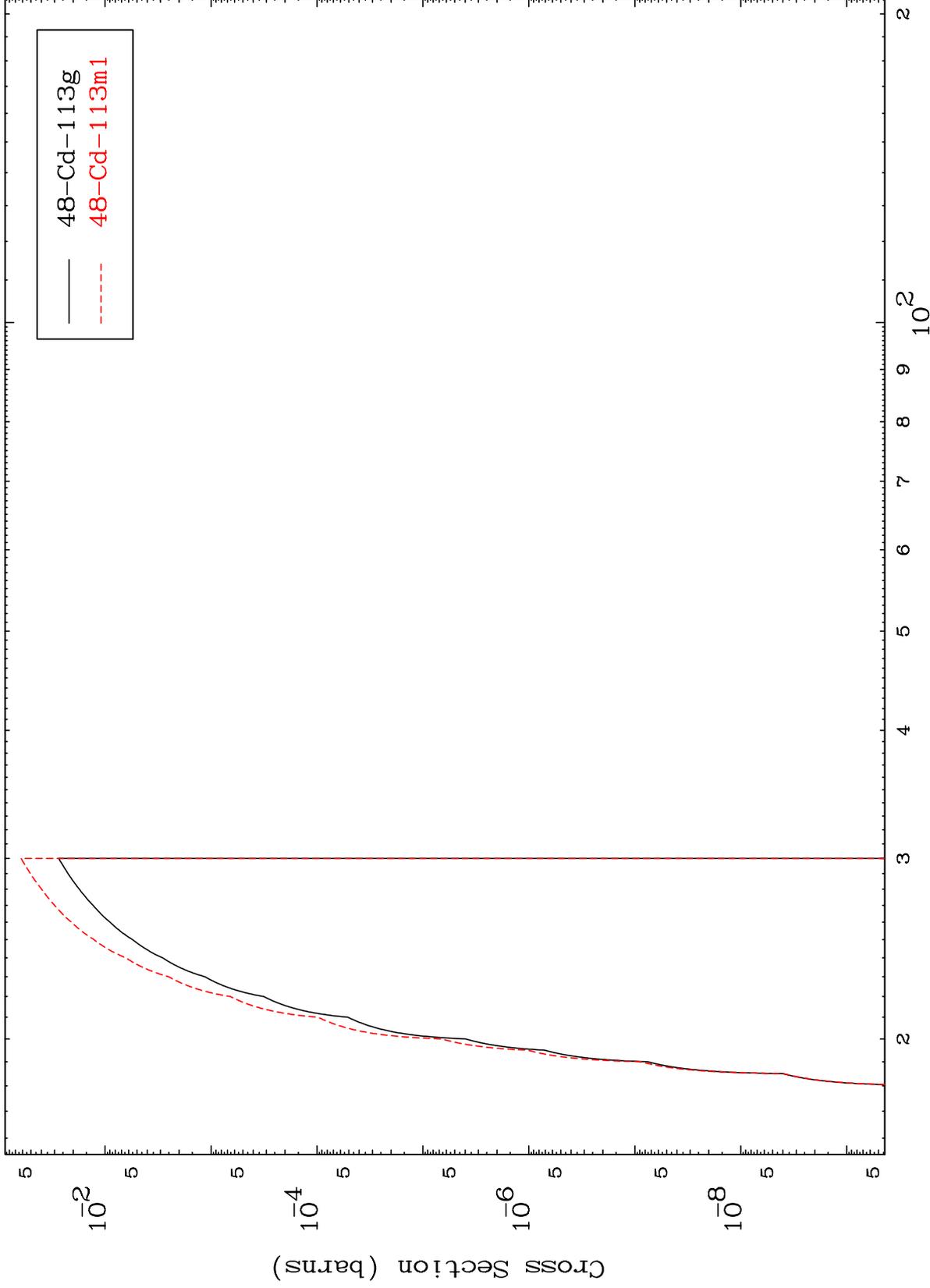


141

49-In-115

Incident Energy (MeV)

Radionuclide Production Cross Section



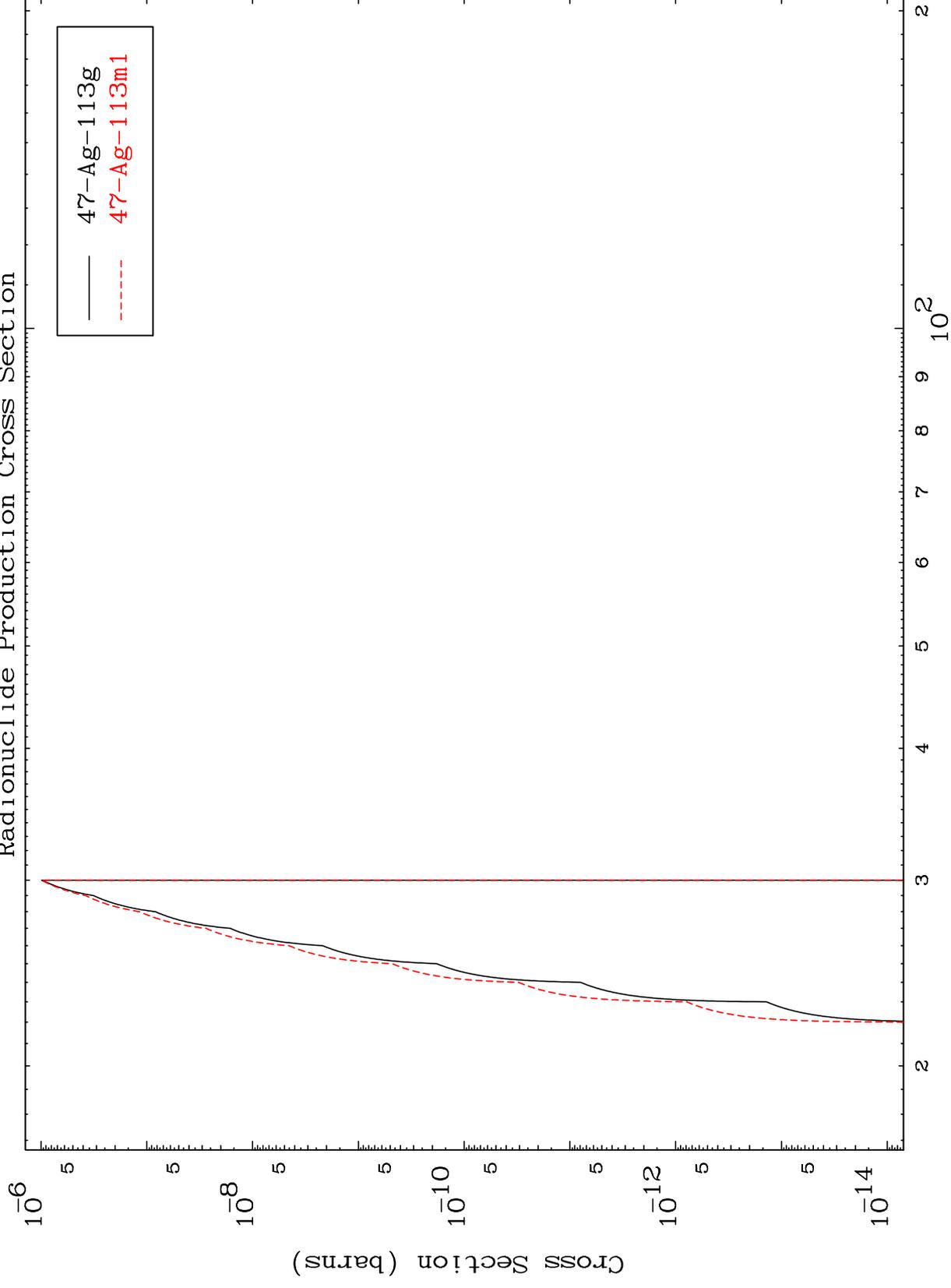
48-Cd-113g
48-Cd-113m1

MAT 4931

(n,2n) p

49-In-115

Radionuclide Production Cross Section



143

Incident Energy (MeV)

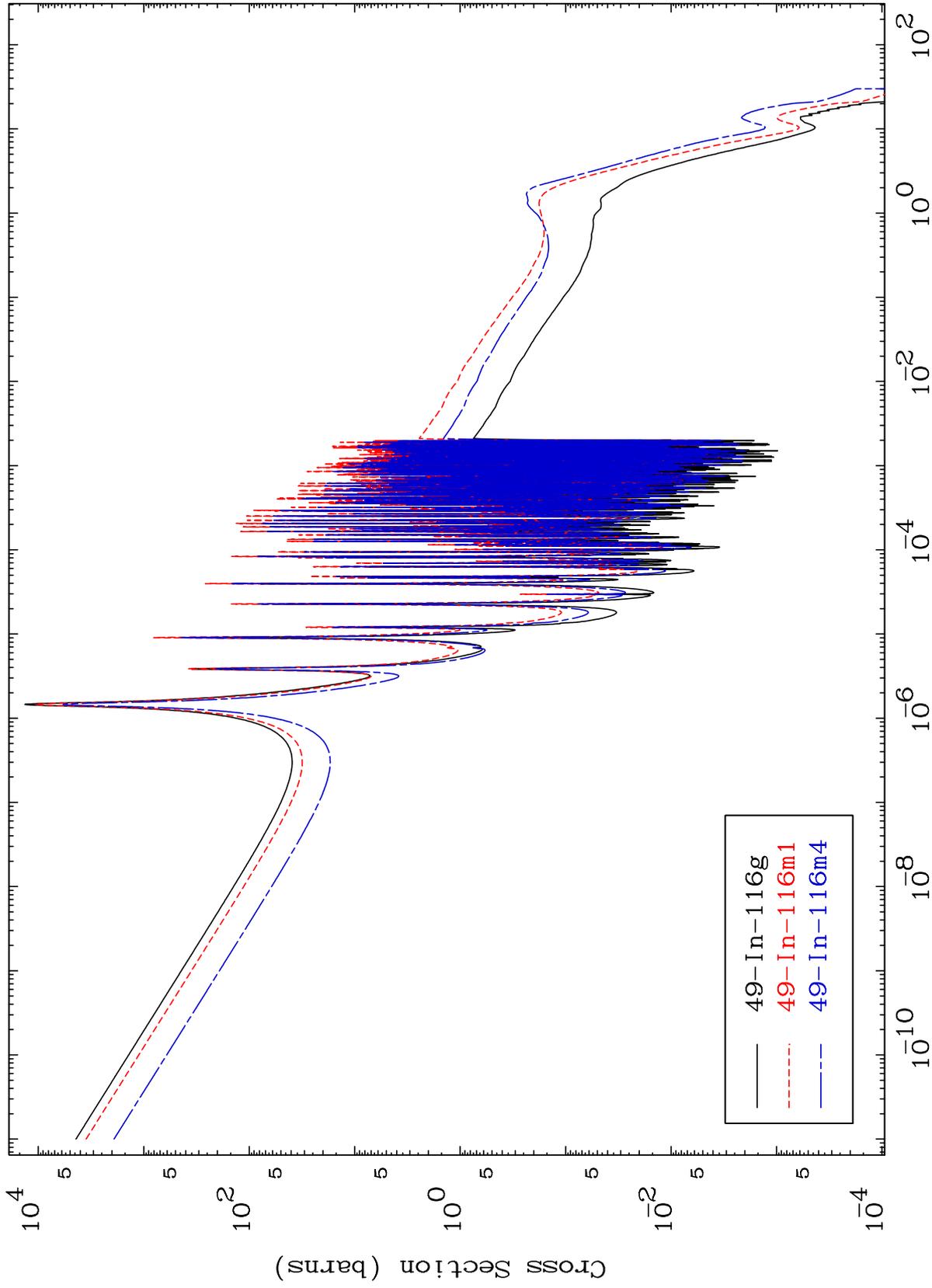
49-In-115

MAT 4931

49-In-115

Radionuclide Production Cross Section

(n, γ)



49-In-115

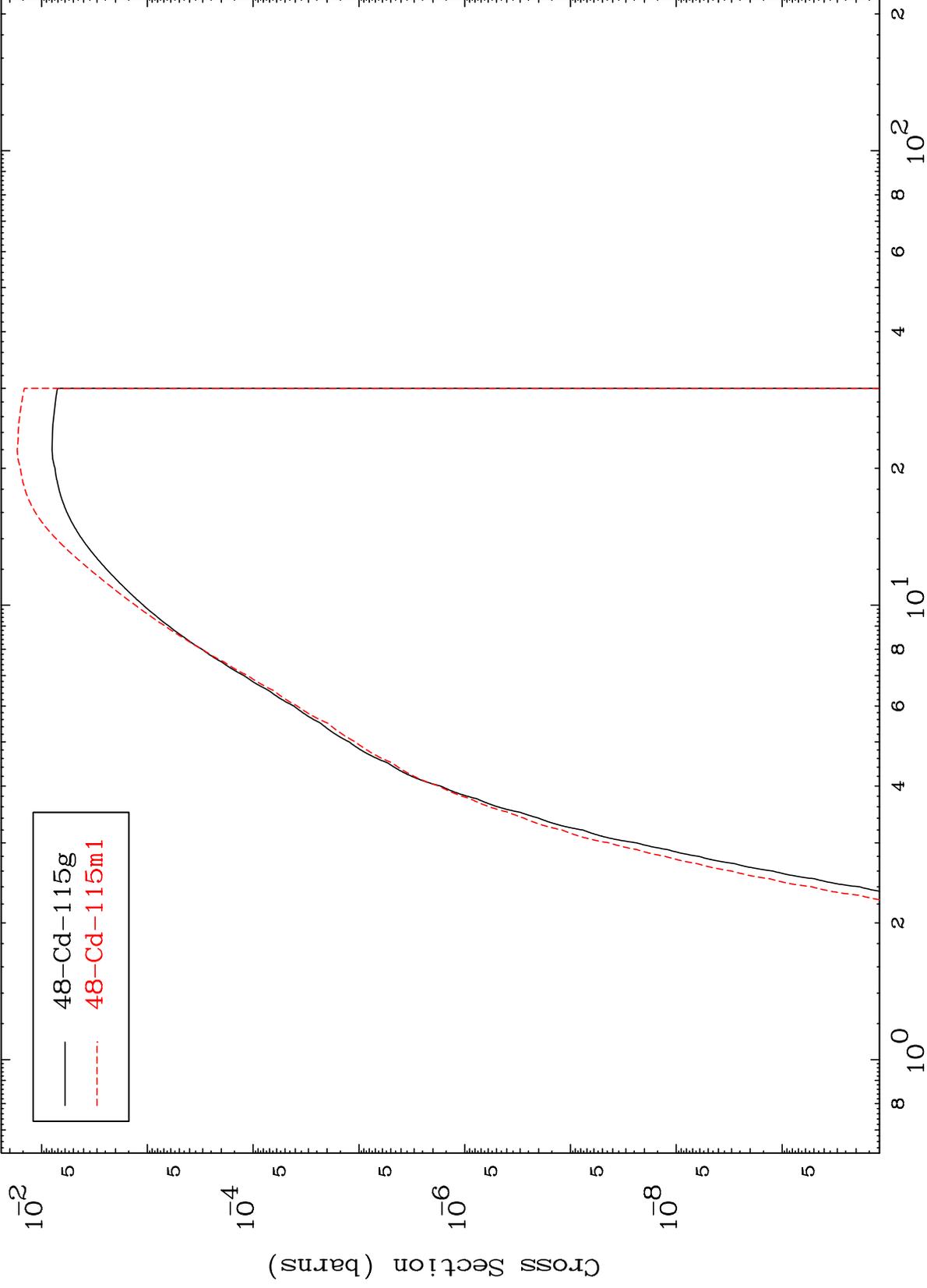
Incident Energy (MeV)

144

MAT 4931

49-In-115

(n,p)
Radionuclide Production Cross Section



145

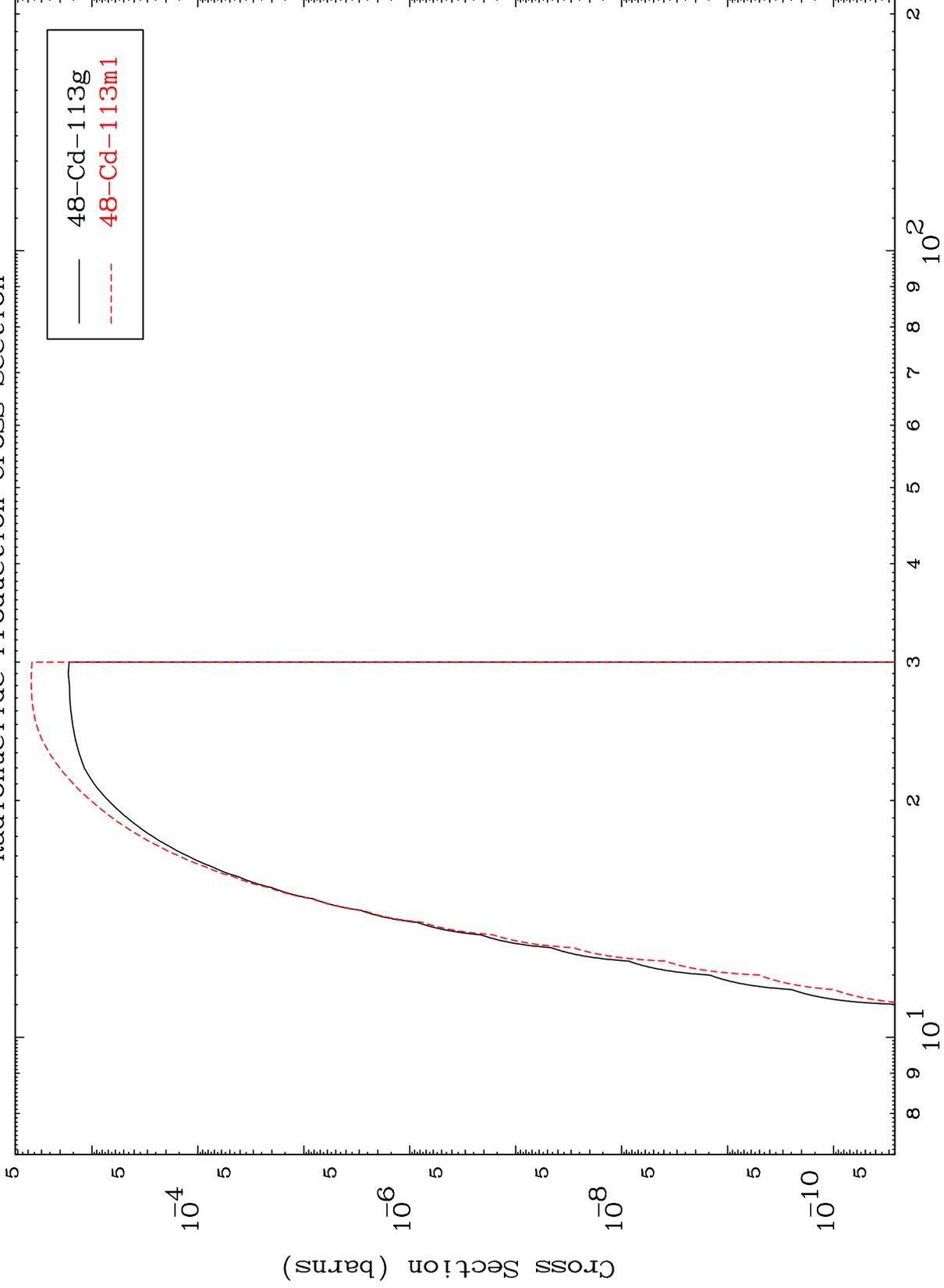
Incident Energy (MeV)

49-In-115

MAT 4931

49-In-115

(n, t)
Radionuclide Production Cross Section



146

Incident Energy (MeV)

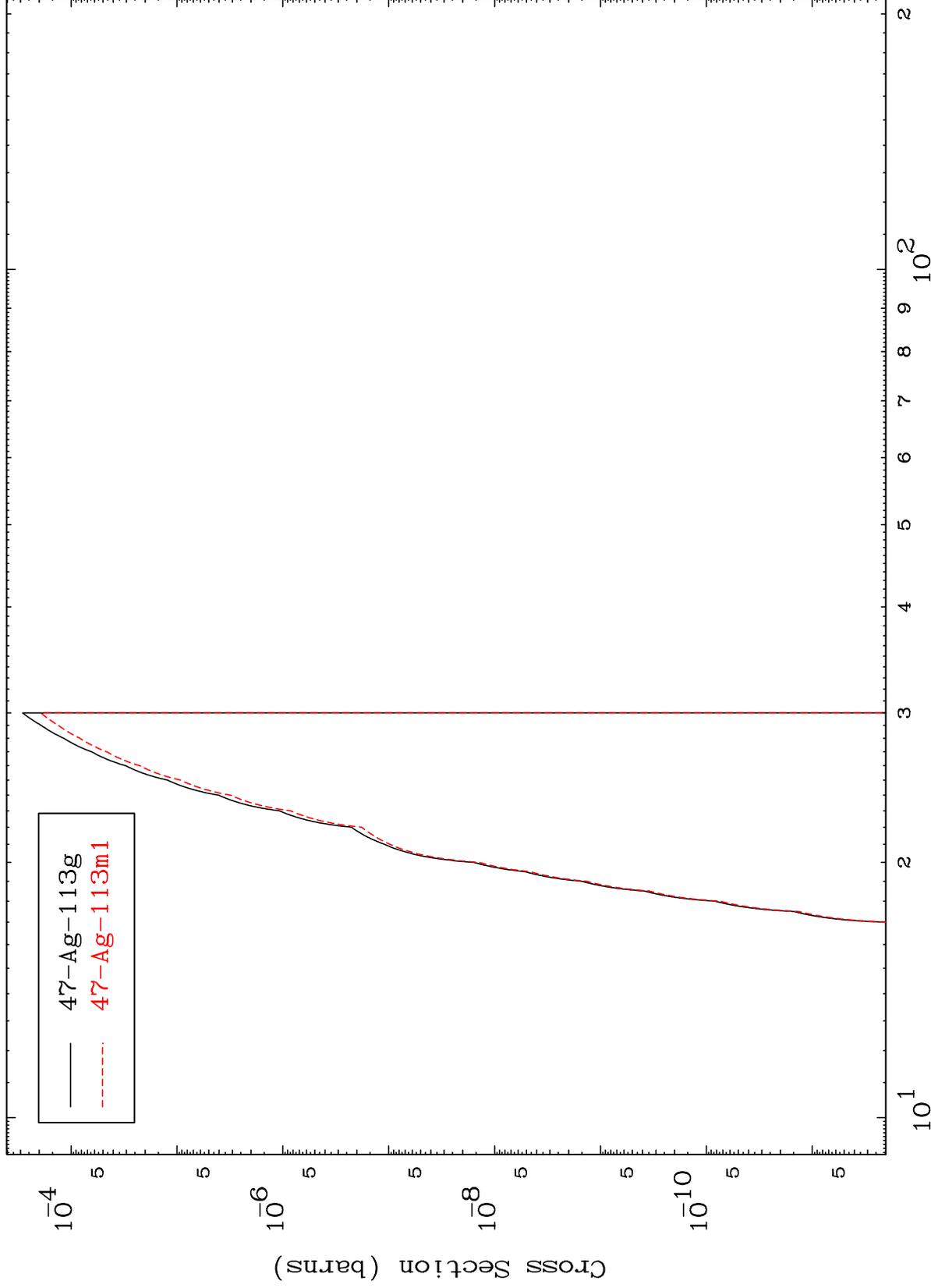
49-In-115

MAT 4931

(n,He-3)

49-In-115

Radionuclide Production Cross Section



147

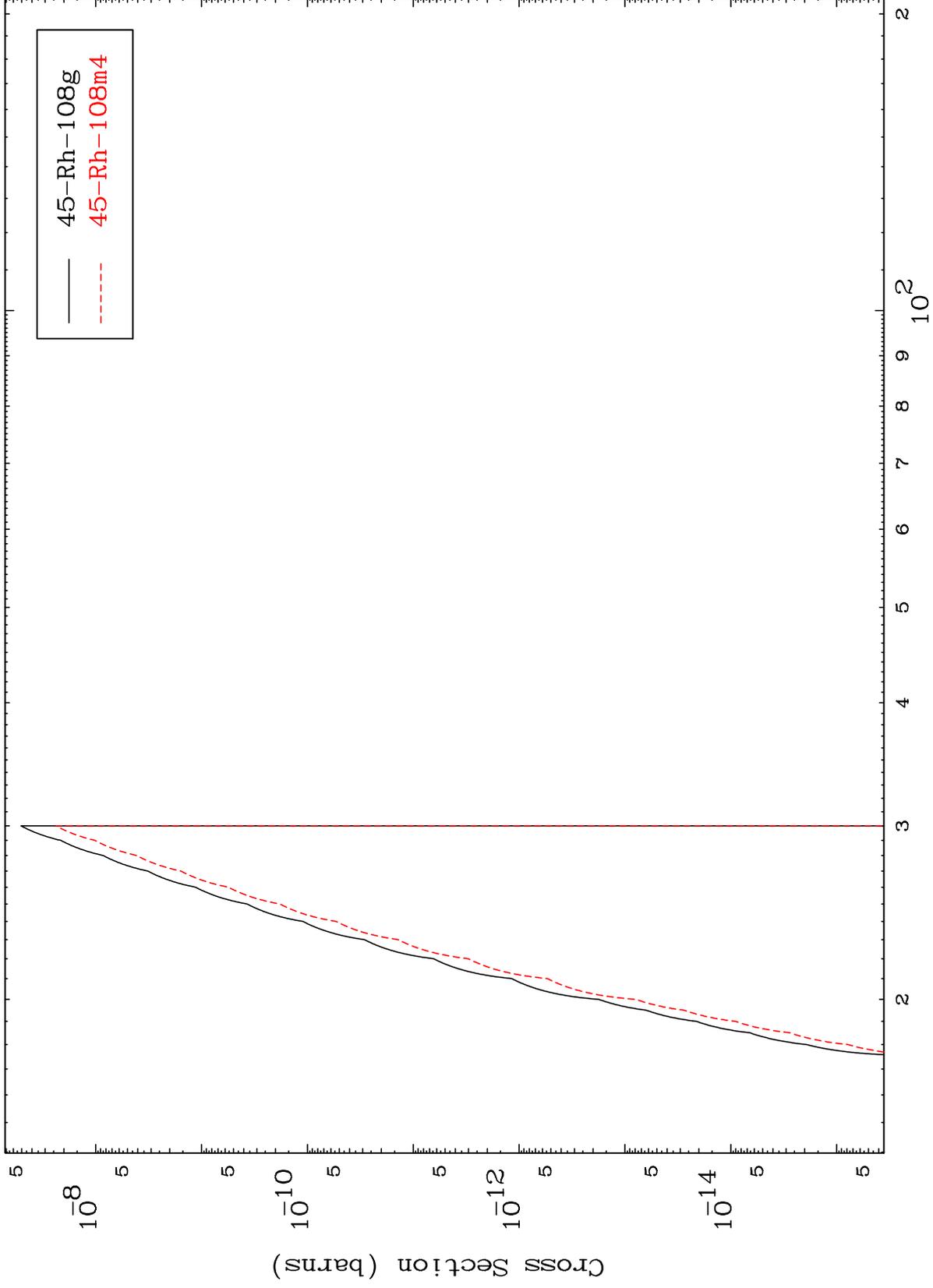
Incident Energy (MeV)

49-In-115

MAT 4931

49-In-115

(n,2α)
Radionuclide Production Cross Section



148

49-In-115

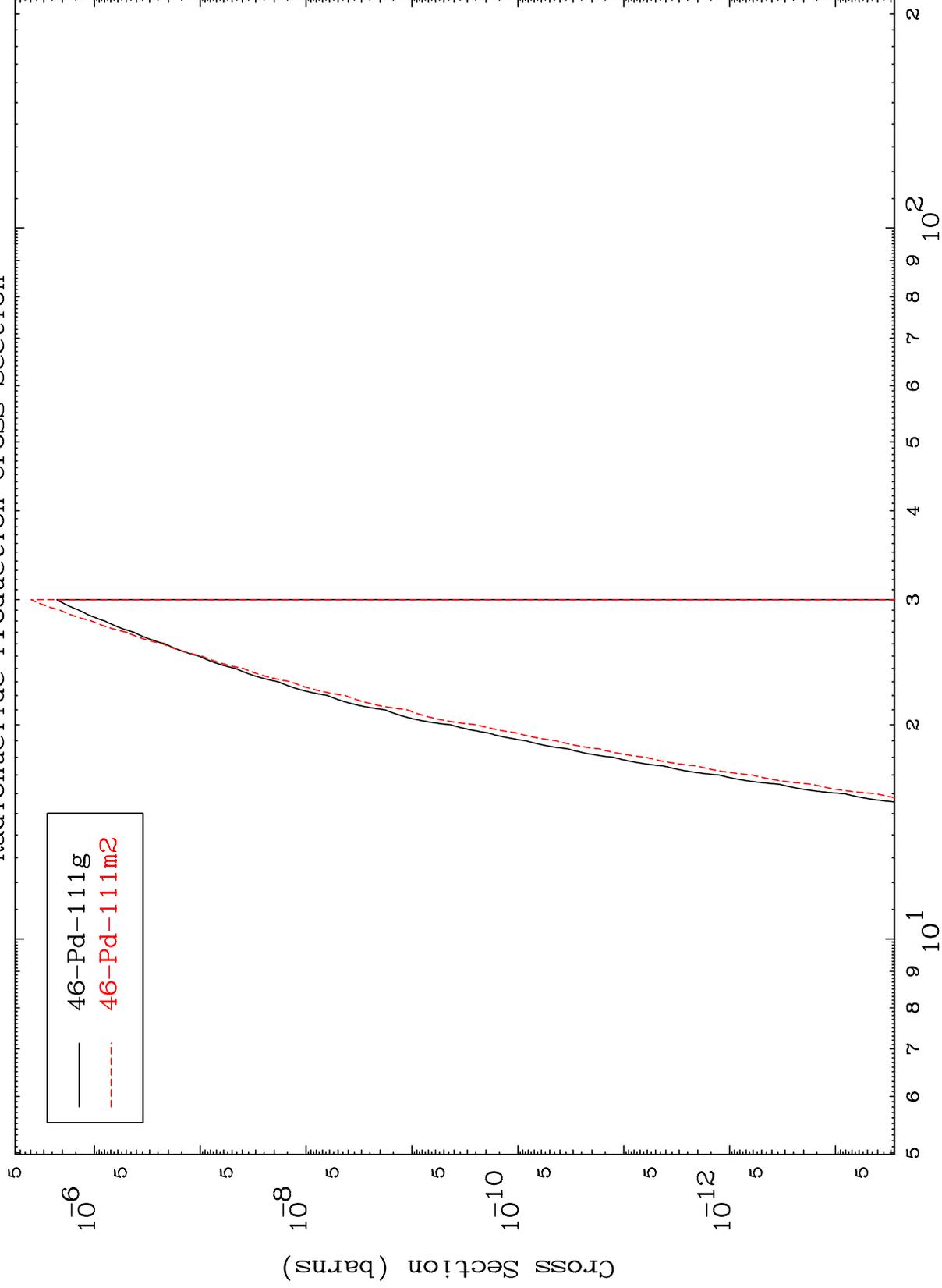
Incident Energy (MeV)

MAT 4931

(n,p) α

49-In-115

Radionuclide Production Cross Section



— 46-Pd-111g
- - - 46-Pd-111m2

149

Incident Energy (MeV)

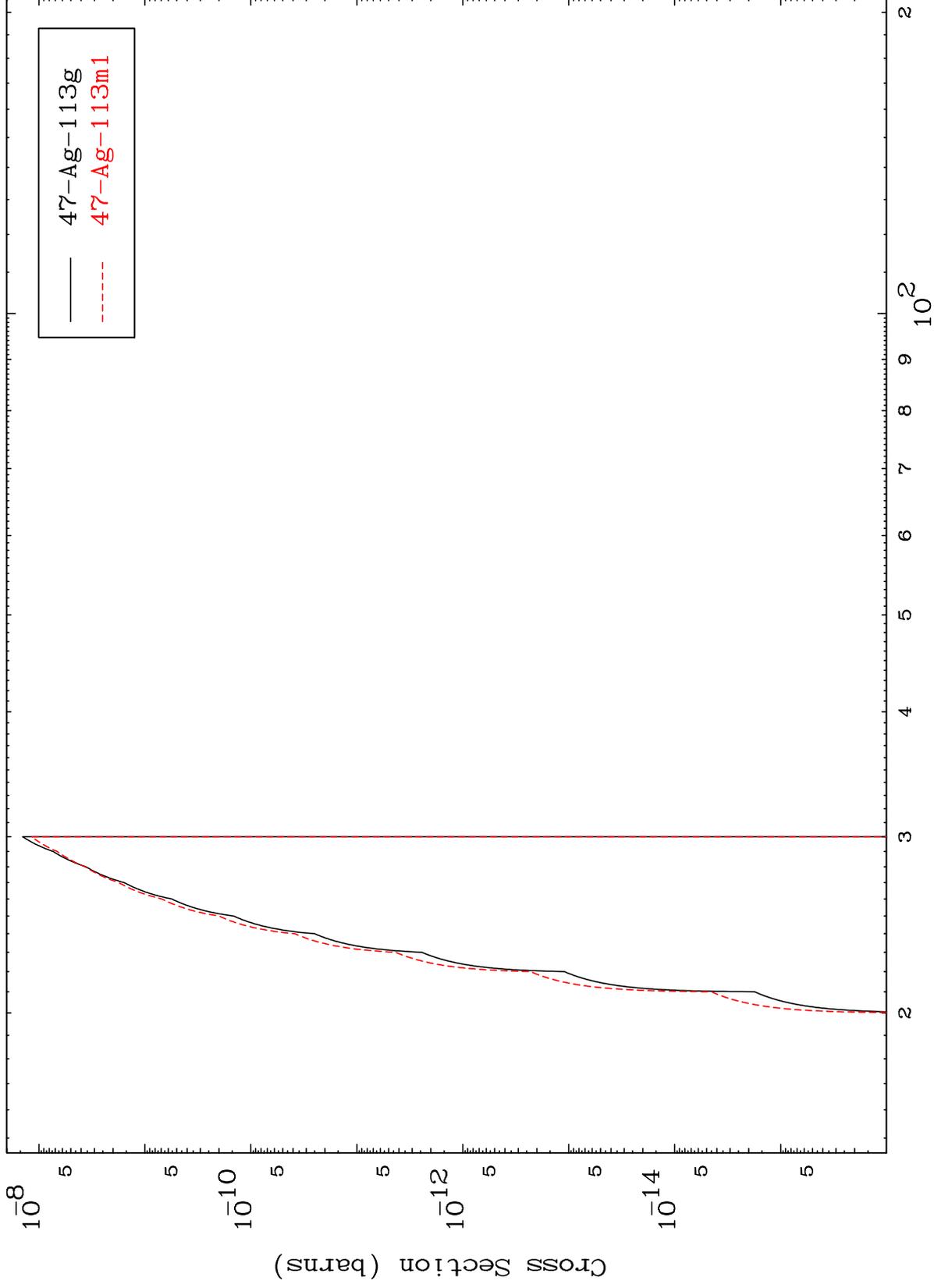
49-In-115

MAT 4931

(n,p) d

49-In-115

Radionuclide Production Cross Section



150

Incident Energy (MeV)

49-In-115