

Program EVALPLOT
(Version 2015-2)

by

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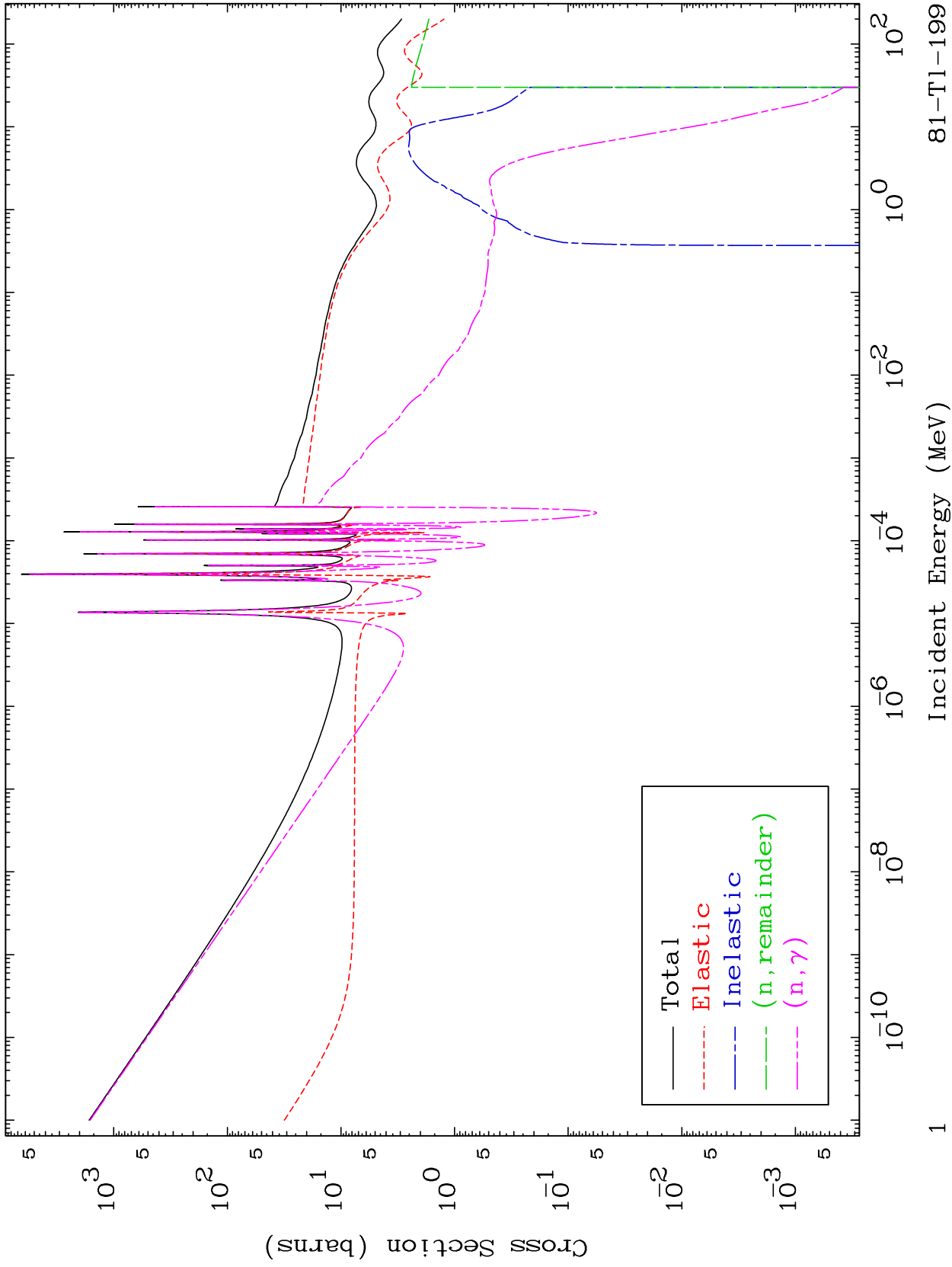
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 81113

Major
293 Kelvin Cross Sections

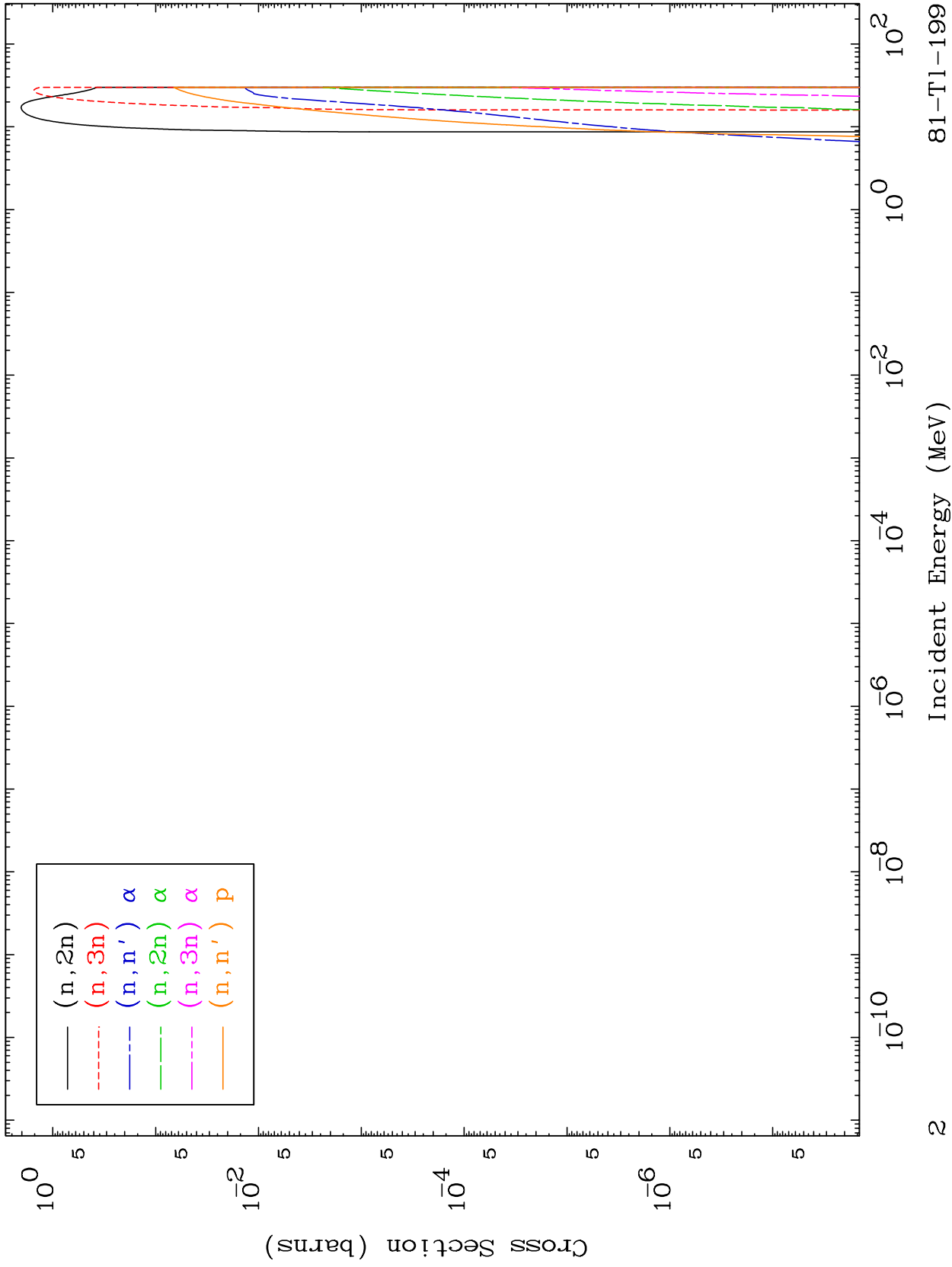
81-Tl-199

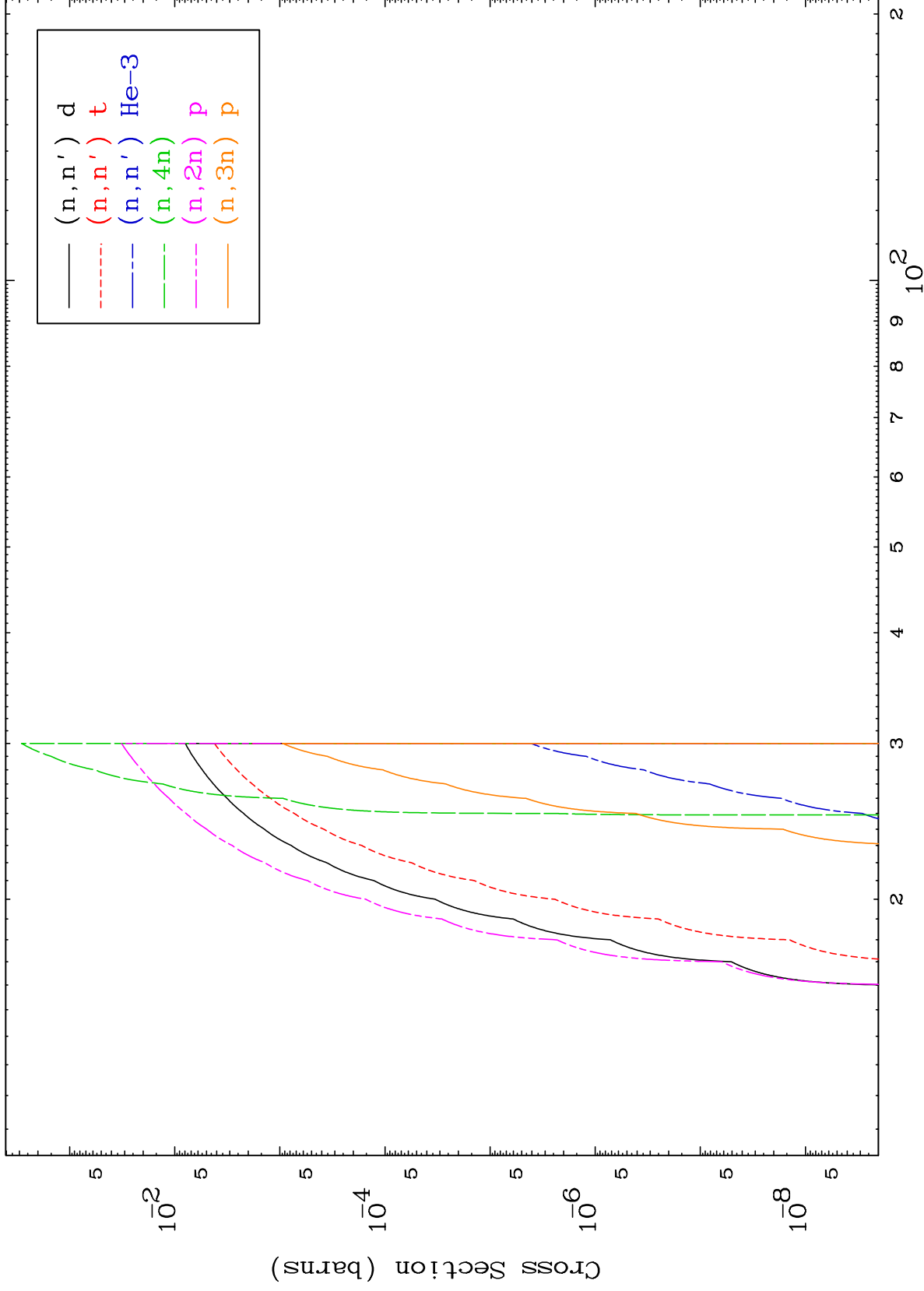


MAT 81113

Neutron Production
293 Kelvin Cross Sections

81-Tl-199

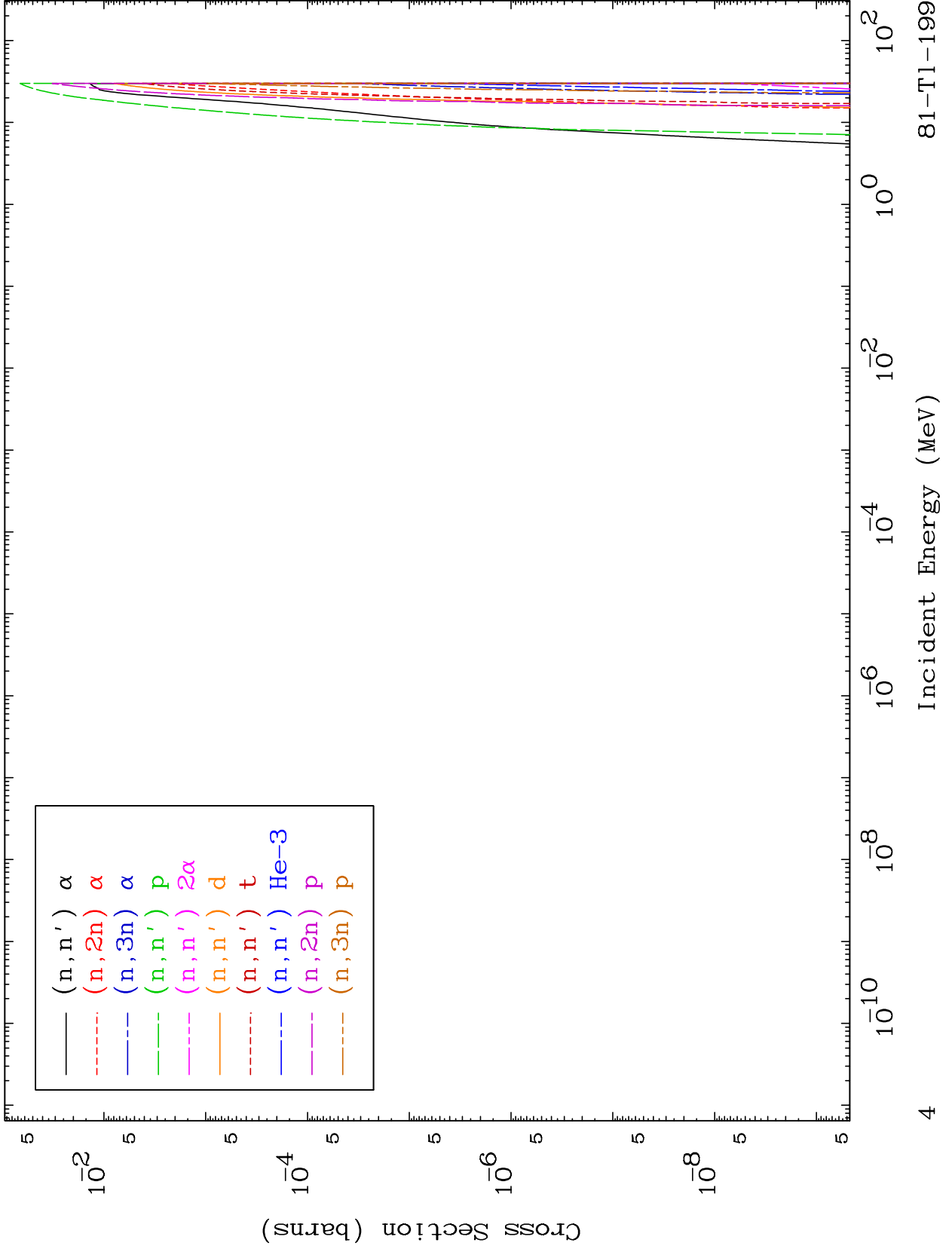




MAT 8113

Charged Particle
293 Kelvin Cross Sections

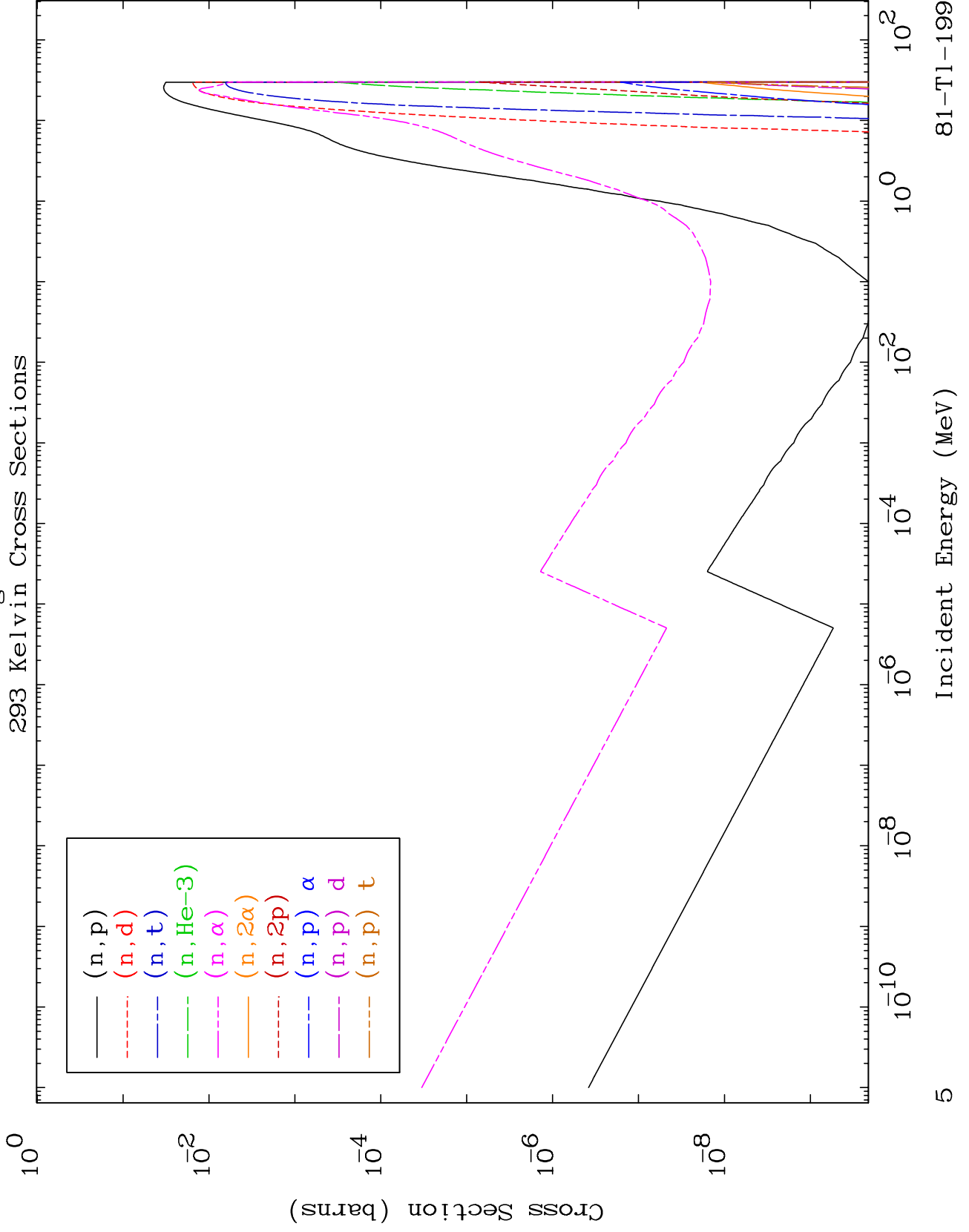
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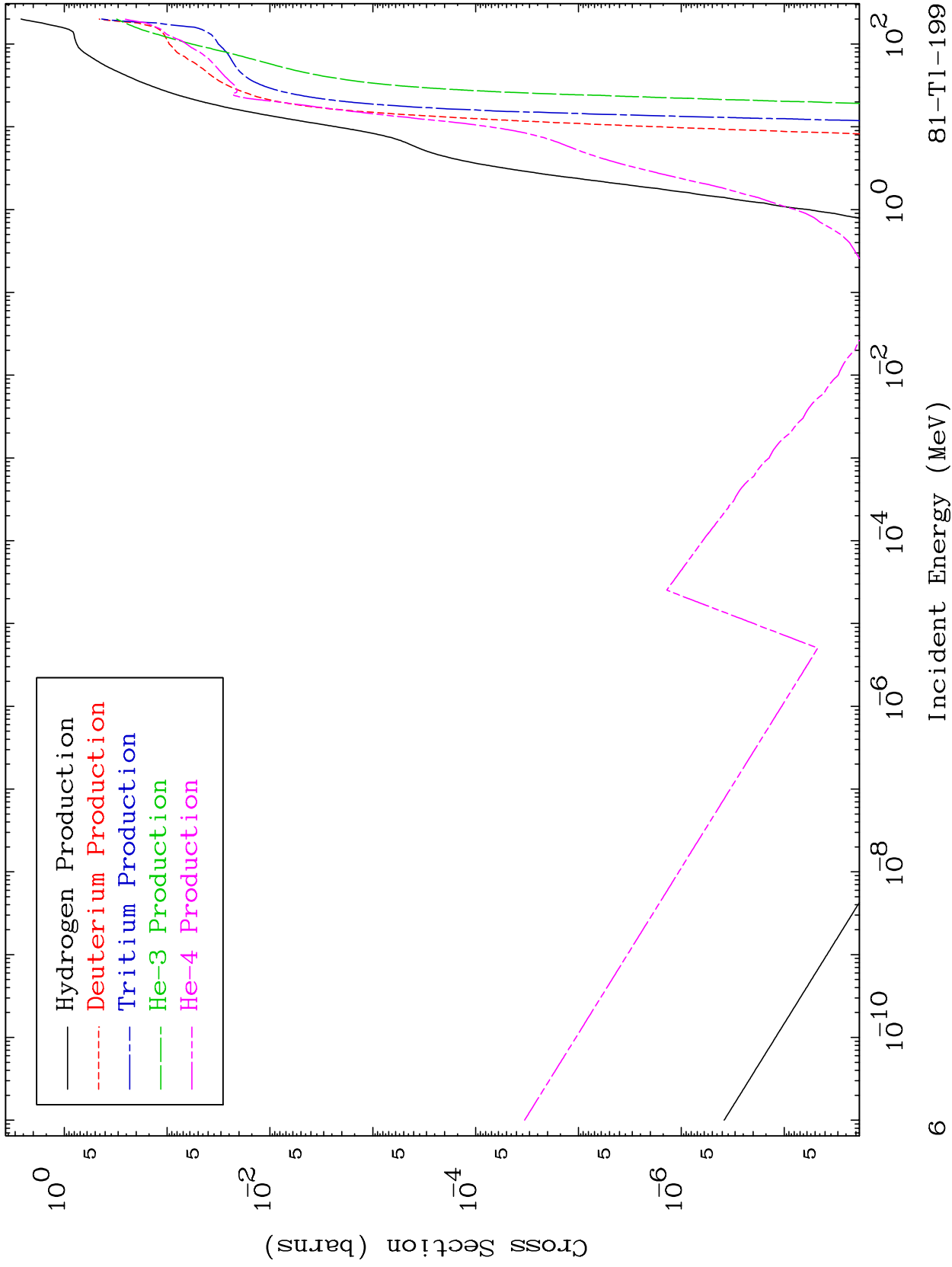


MAT 81113

Charged Particle
293 Kelvin Cross Sections

81-Tl-199



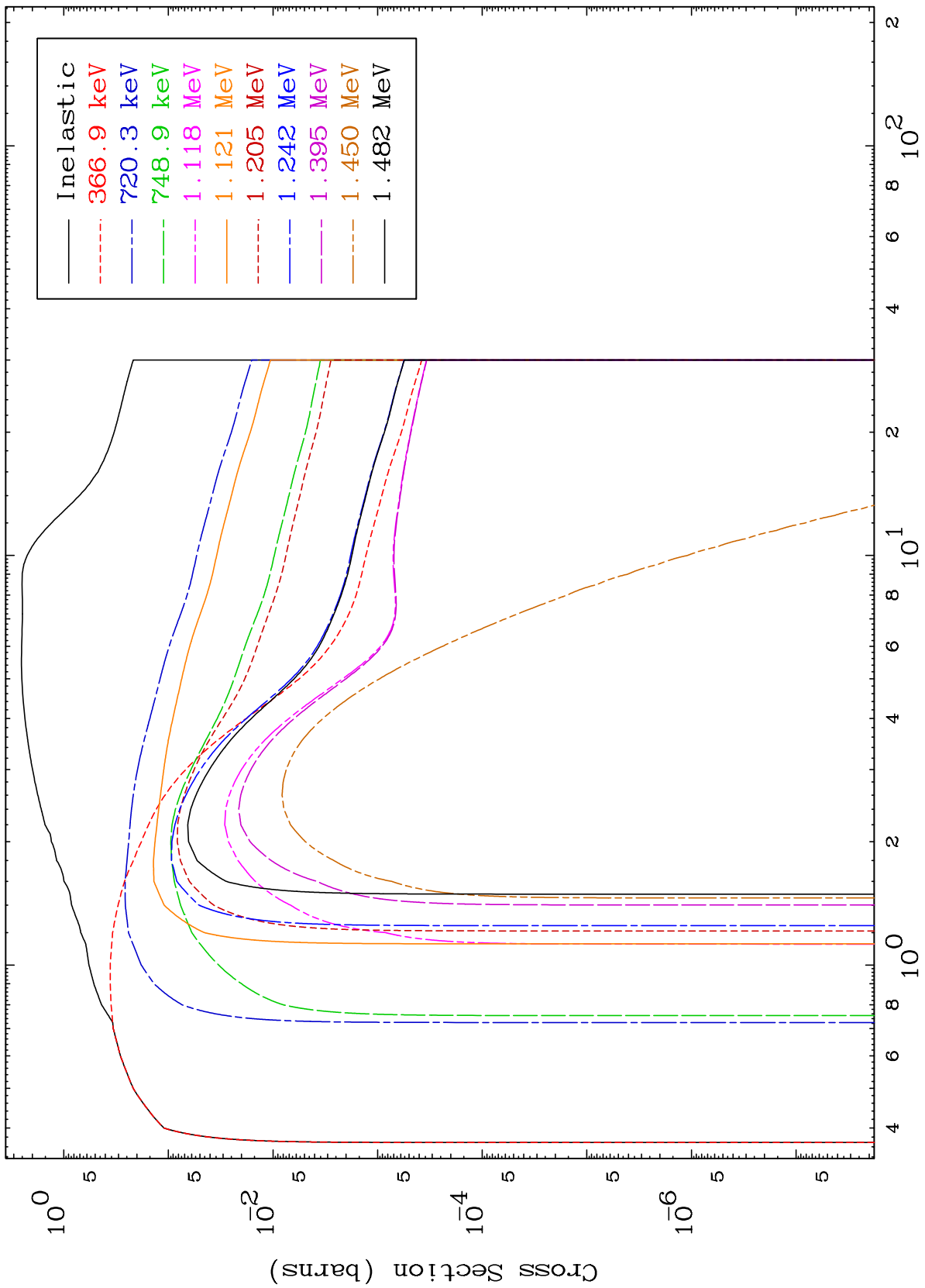


MAT 8113

(n,n') Level

81-Tl-199

293 Kelvin Cross Sections



7

Incident Energy (MeV)

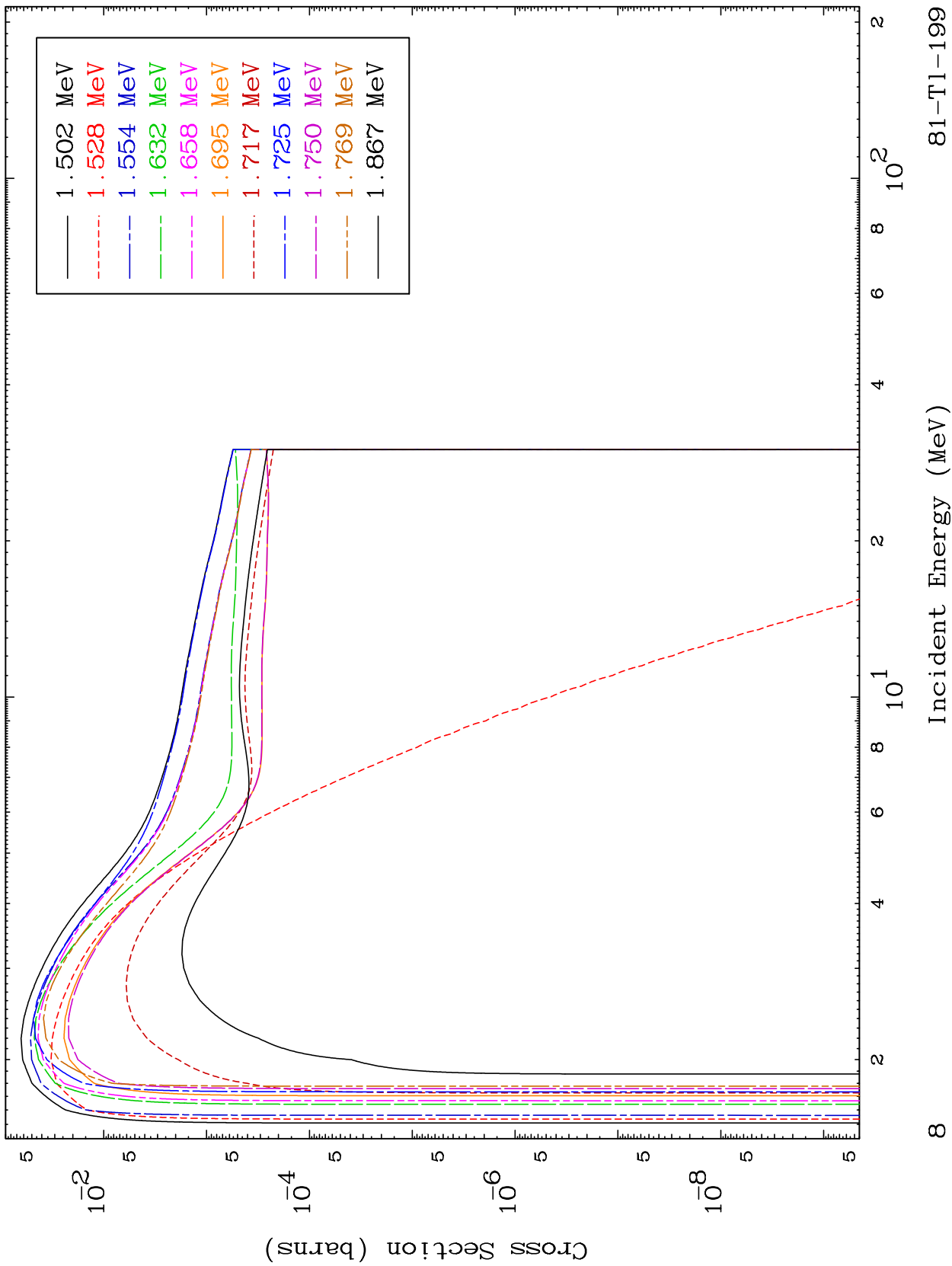
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MAT 8113

(n,n') Level

81-Tl-199

293 Kelvin Cross Sections



8

Incident Energy (MeV)

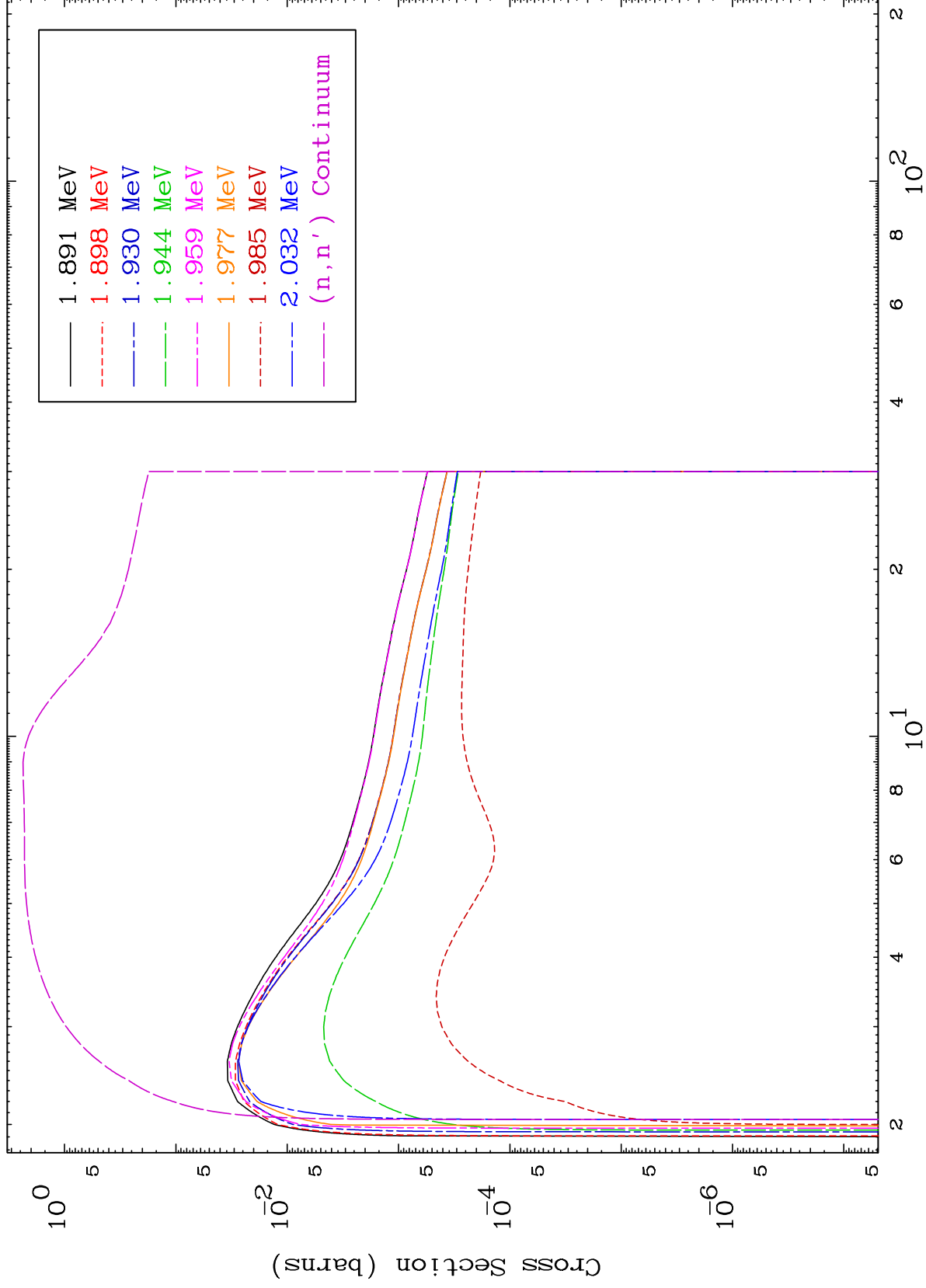
81-Tl-199

MAT 8113

(n,n') Level

81-Tl-199

293 Kelvin Cross Sections



9

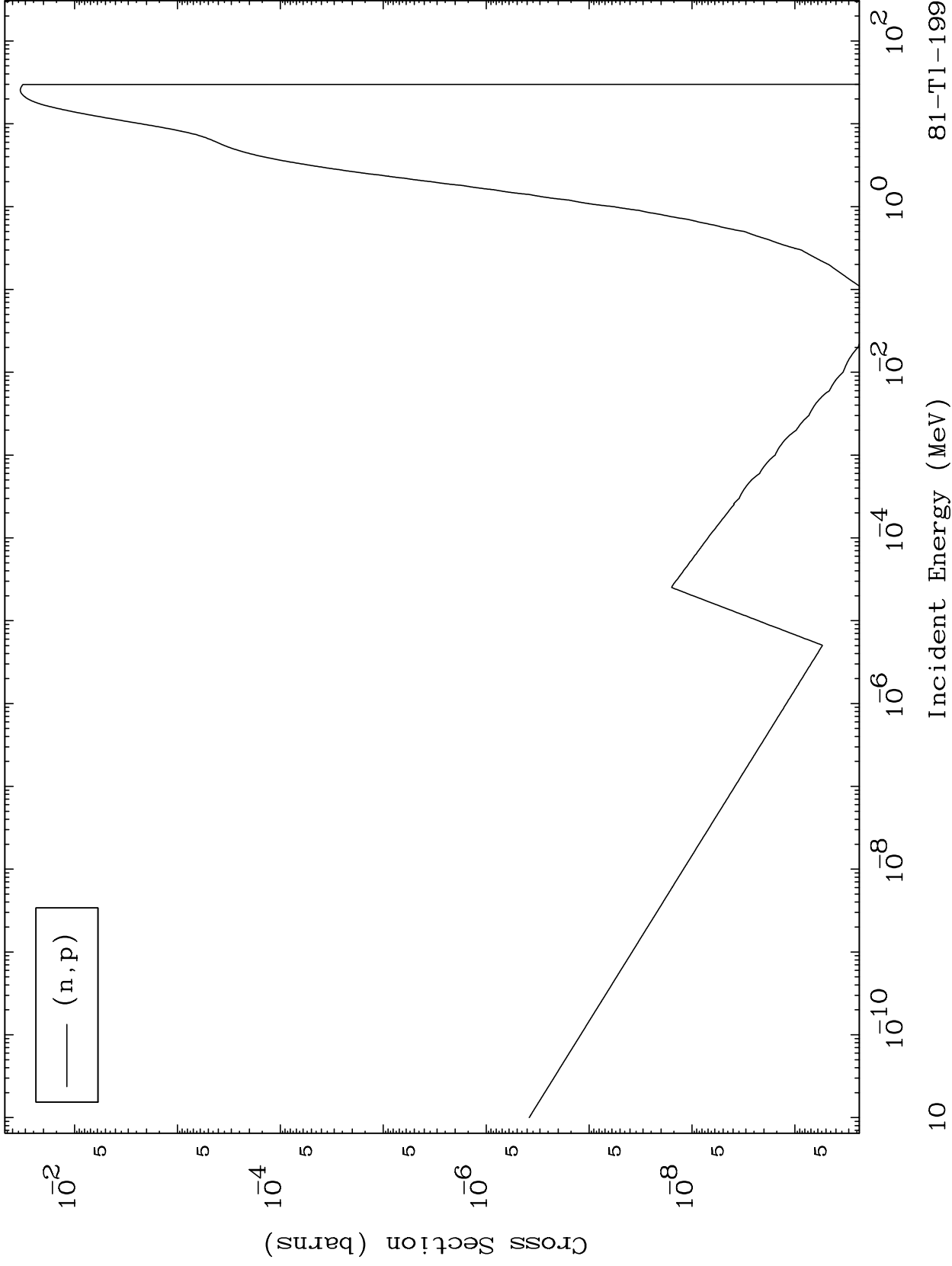
Incident Energy (MeV)

81-Tl-199

MAT 81113

293 Kelvin Cross Sections
(n,p) Levels

81-Tl-199



10

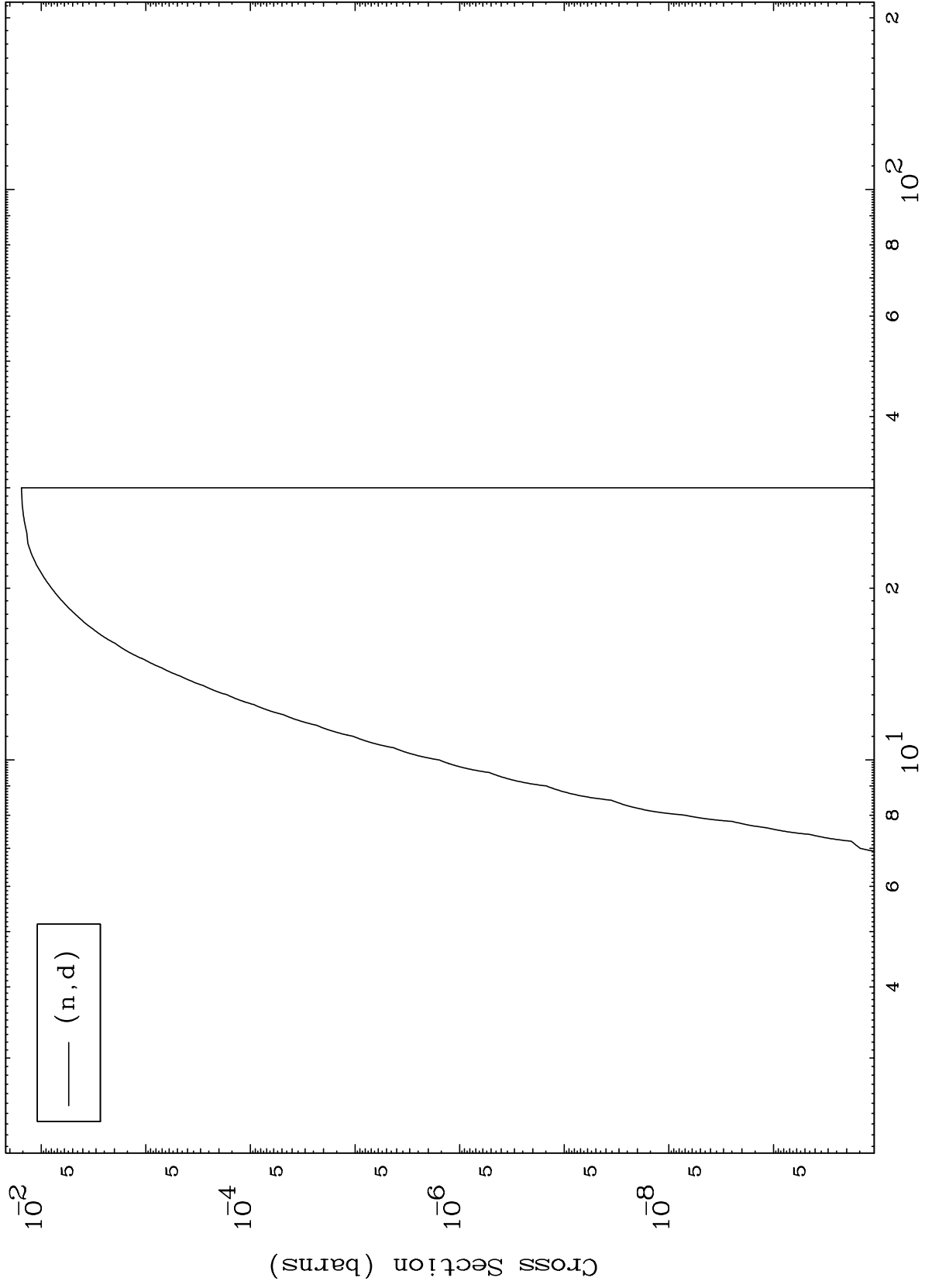
Incident Energy (MeV)

81-Tl-199

MAT 81113

(n,d) Levels
293 Kelvin Cross Sections

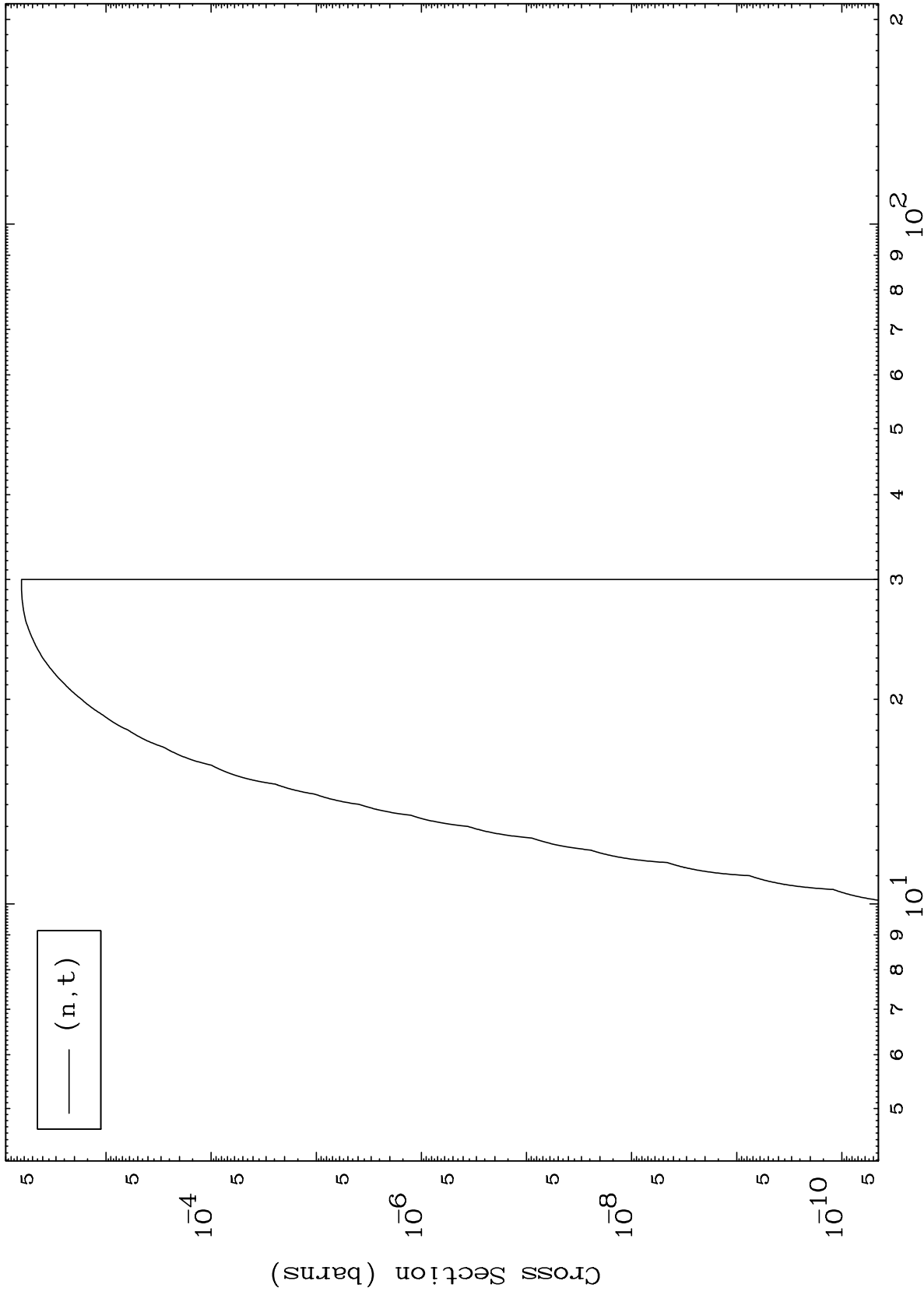
81-Tl-199



MAT 81113

(n,t) Levels
293 Kelvin Cross Sections

81-T1-199



12

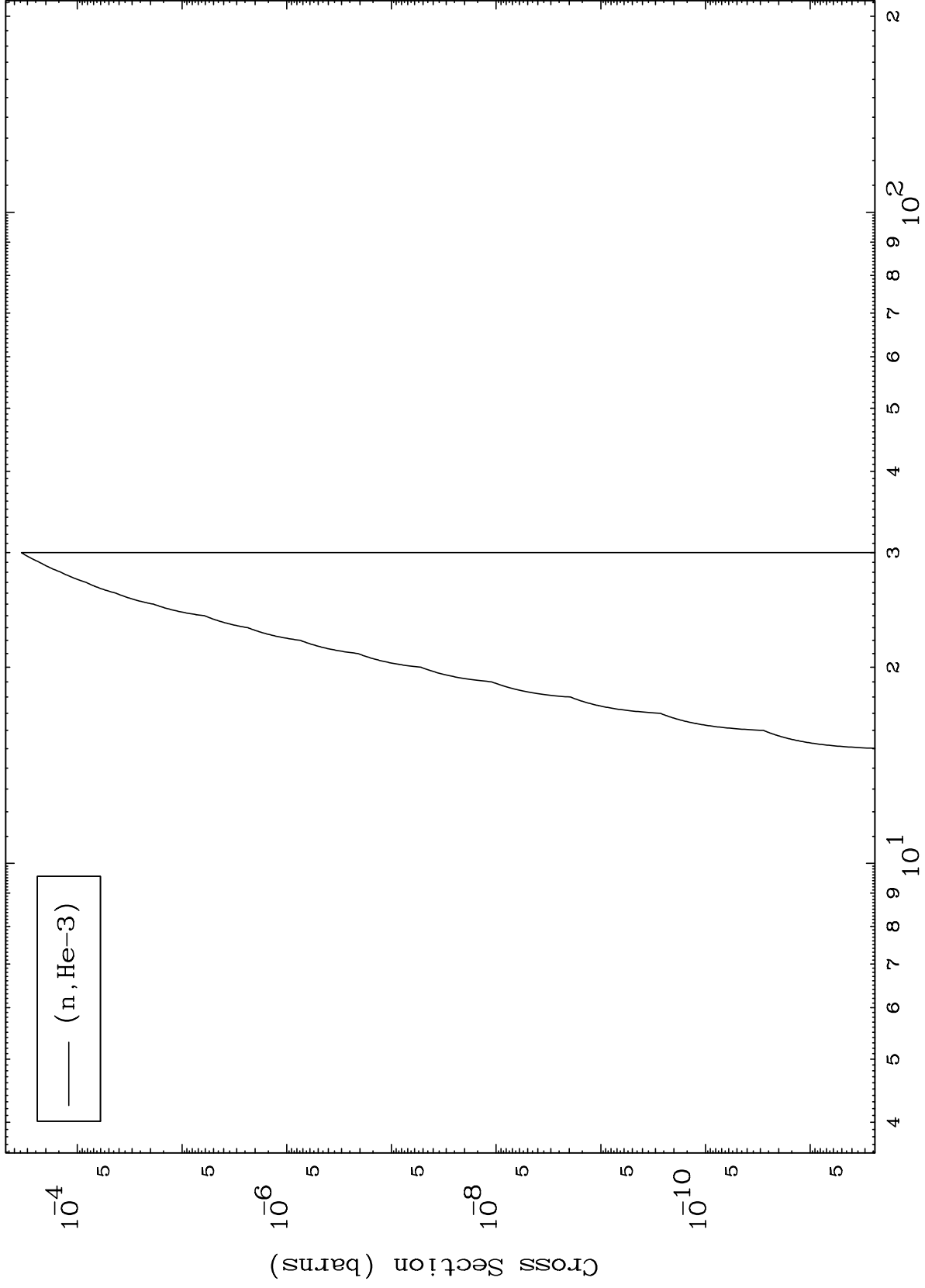
Incident Energy (MeV)

81-T1-199

MAT 81113

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-199



13

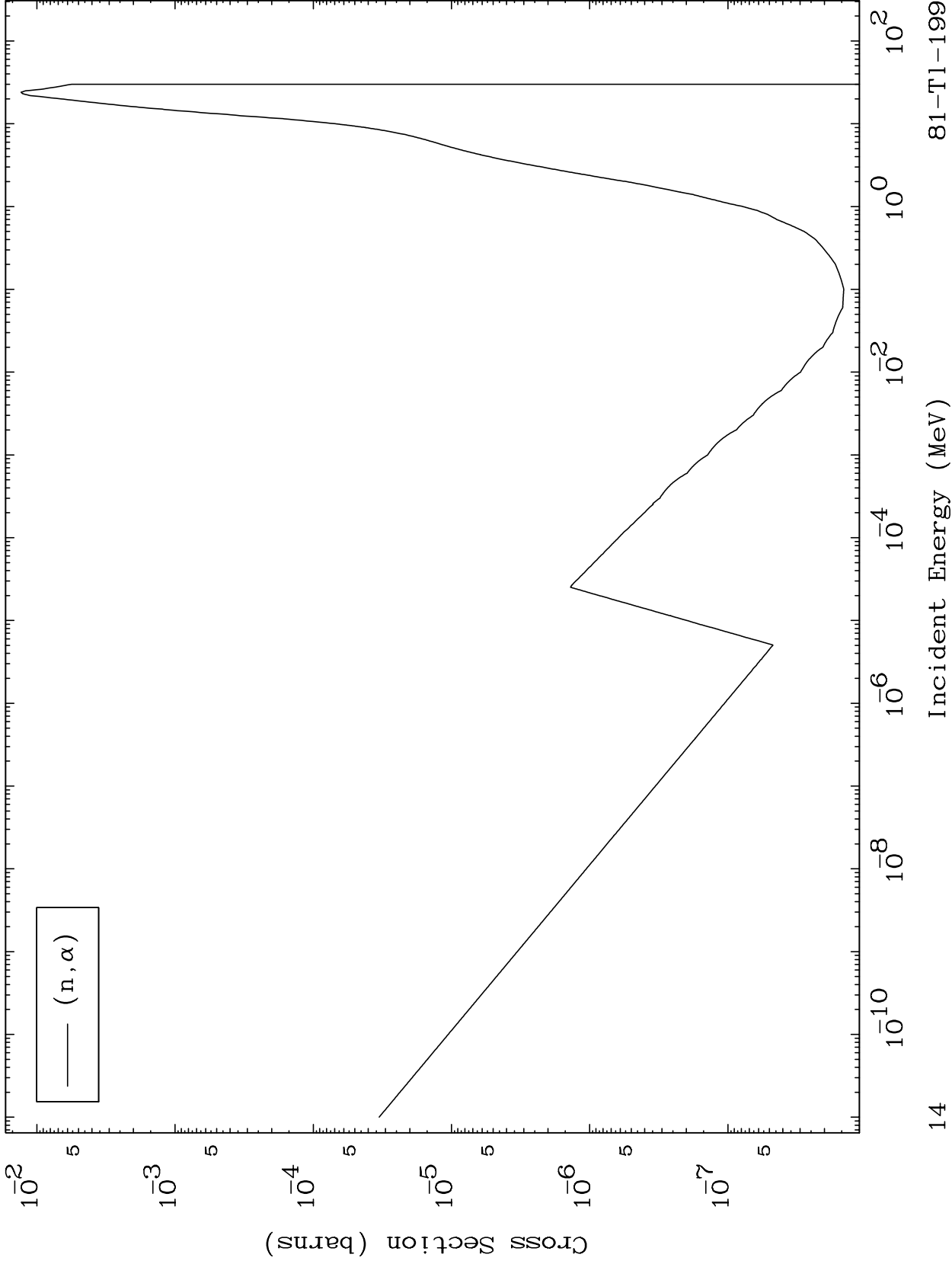
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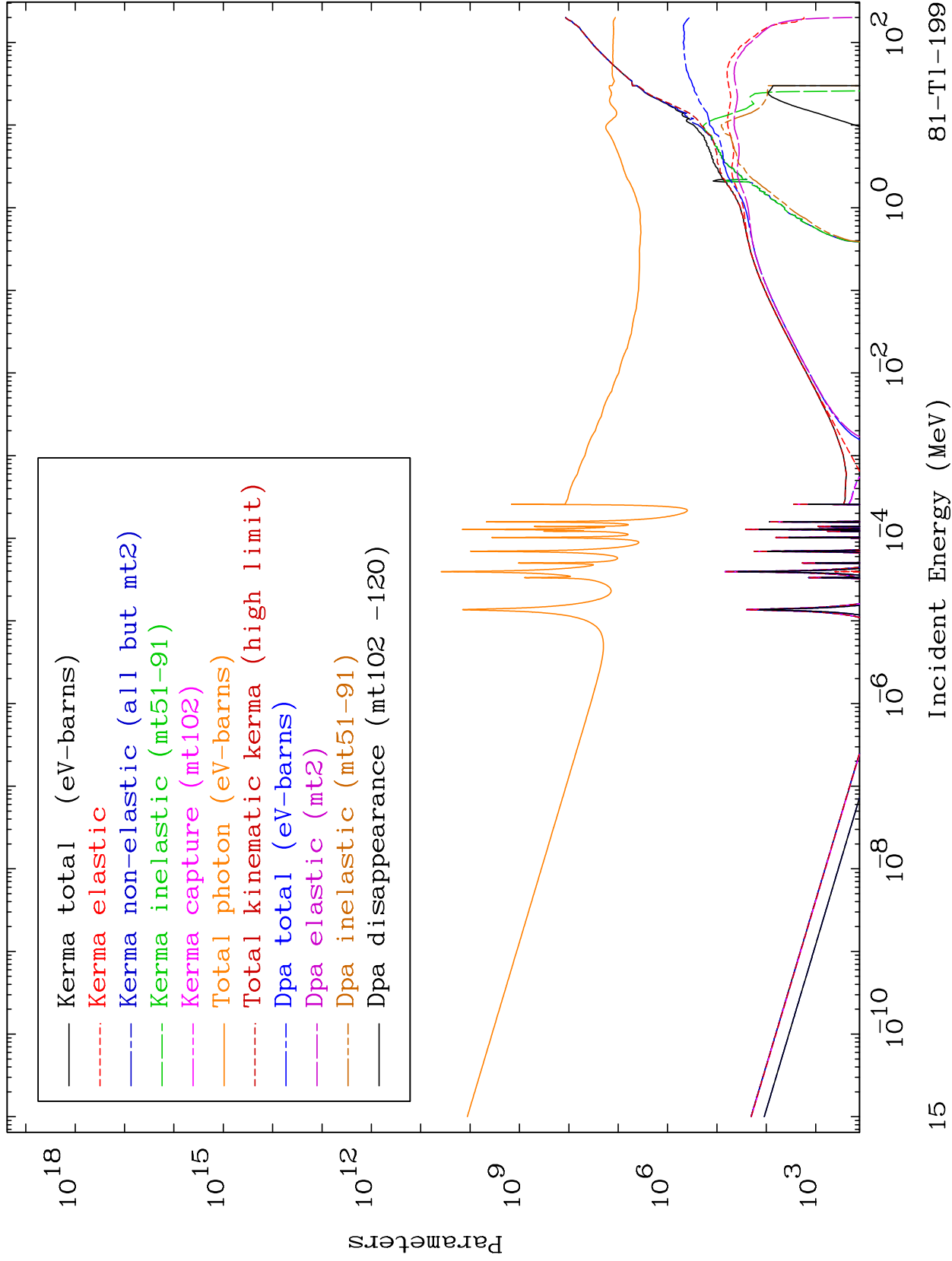
81-T1-199

MAT 81113

(n, α) Levels
293 Kelvin Cross Sections

81-Tl-199

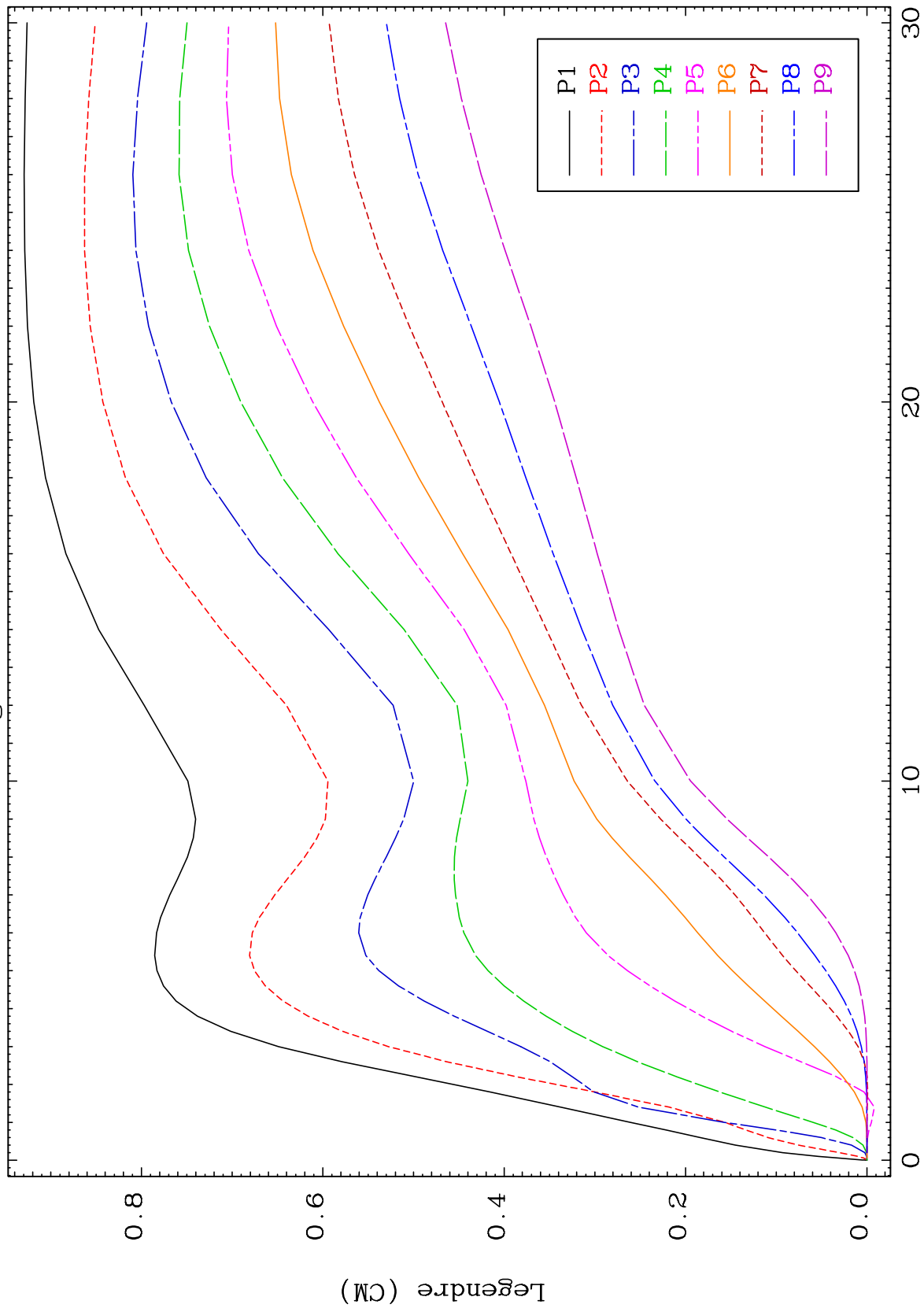




MAT 81113

Elastic Legendre Coefficients

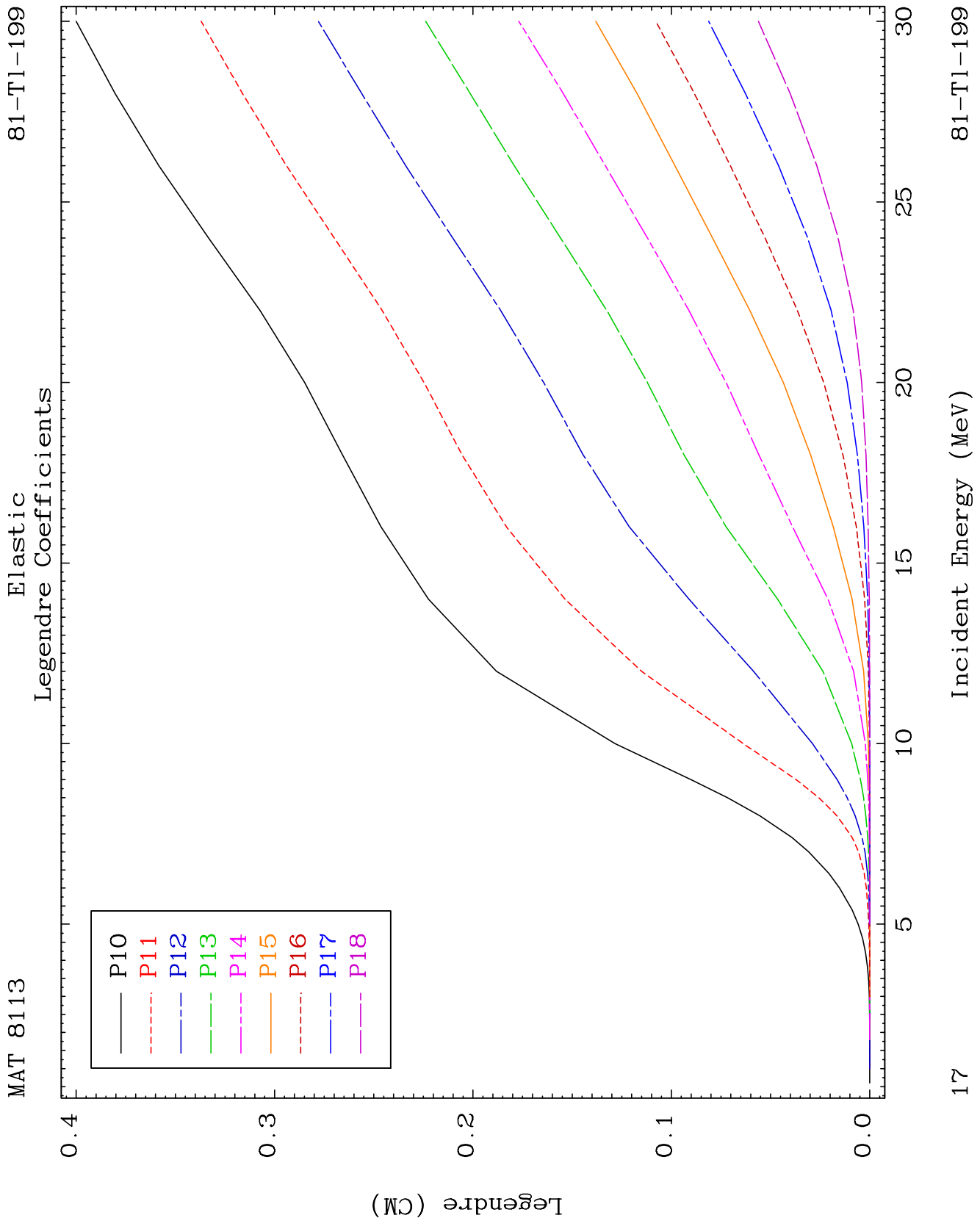
81-T1-199



16

Incident Energy (MeV)

81-T1-199



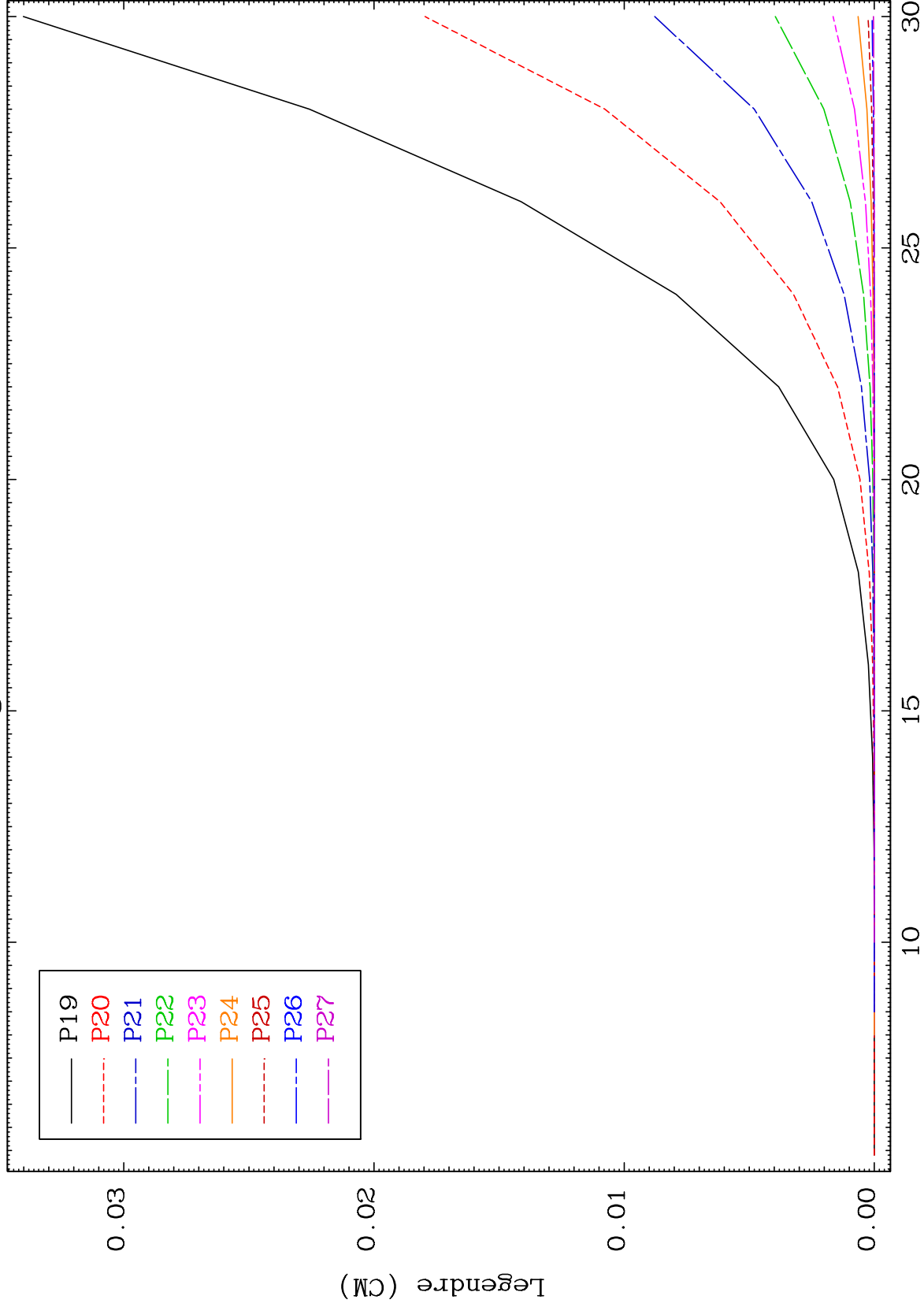
81-T1-199

81-T1-199

MAT 8113

Elastic Legendre Coefficients

81-T1-199



18

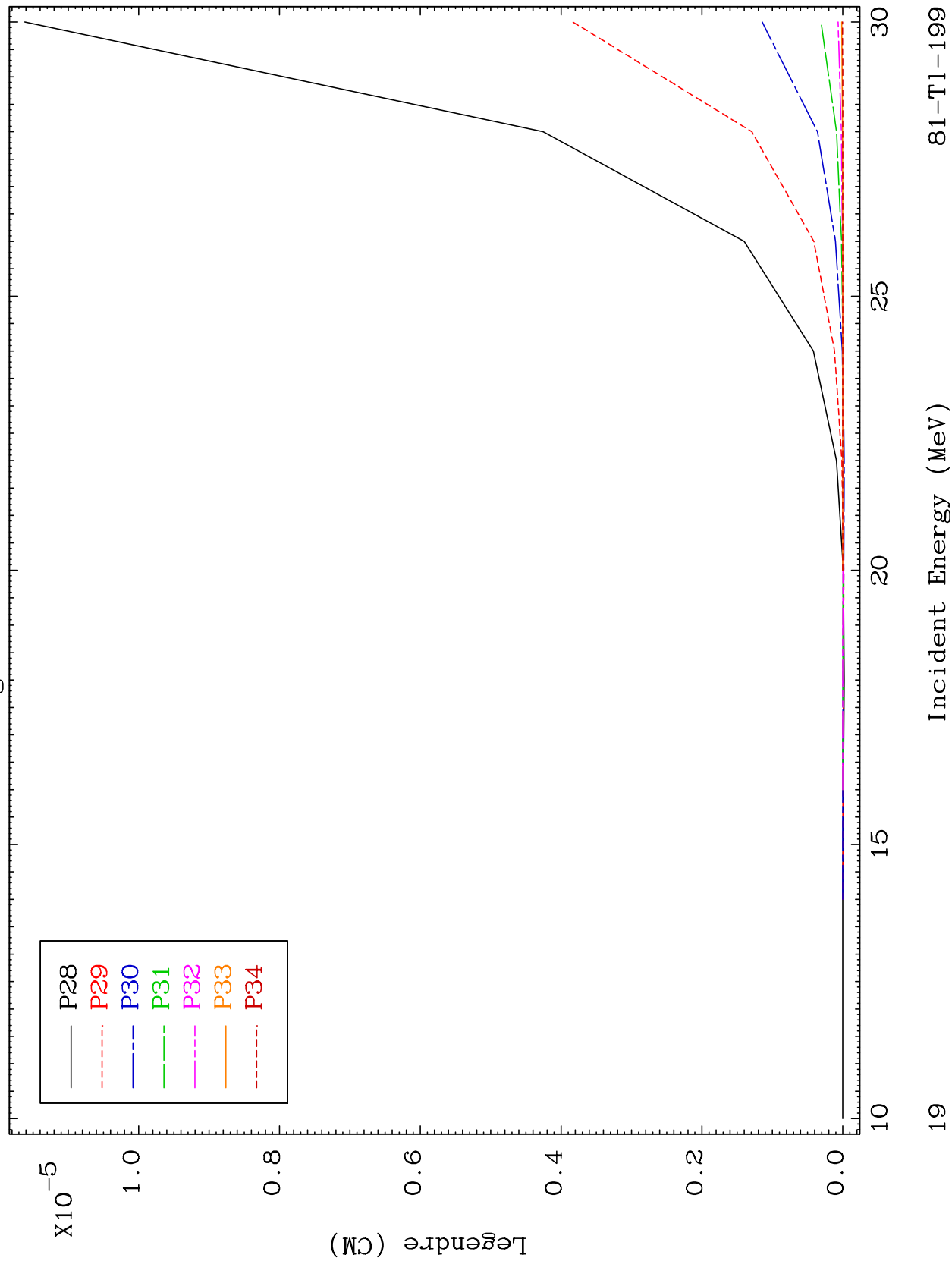
Incident Energy (MeV)

81-T1-199

MAT 8113

Elastic Legendre Coefficients

81-T1-199



19

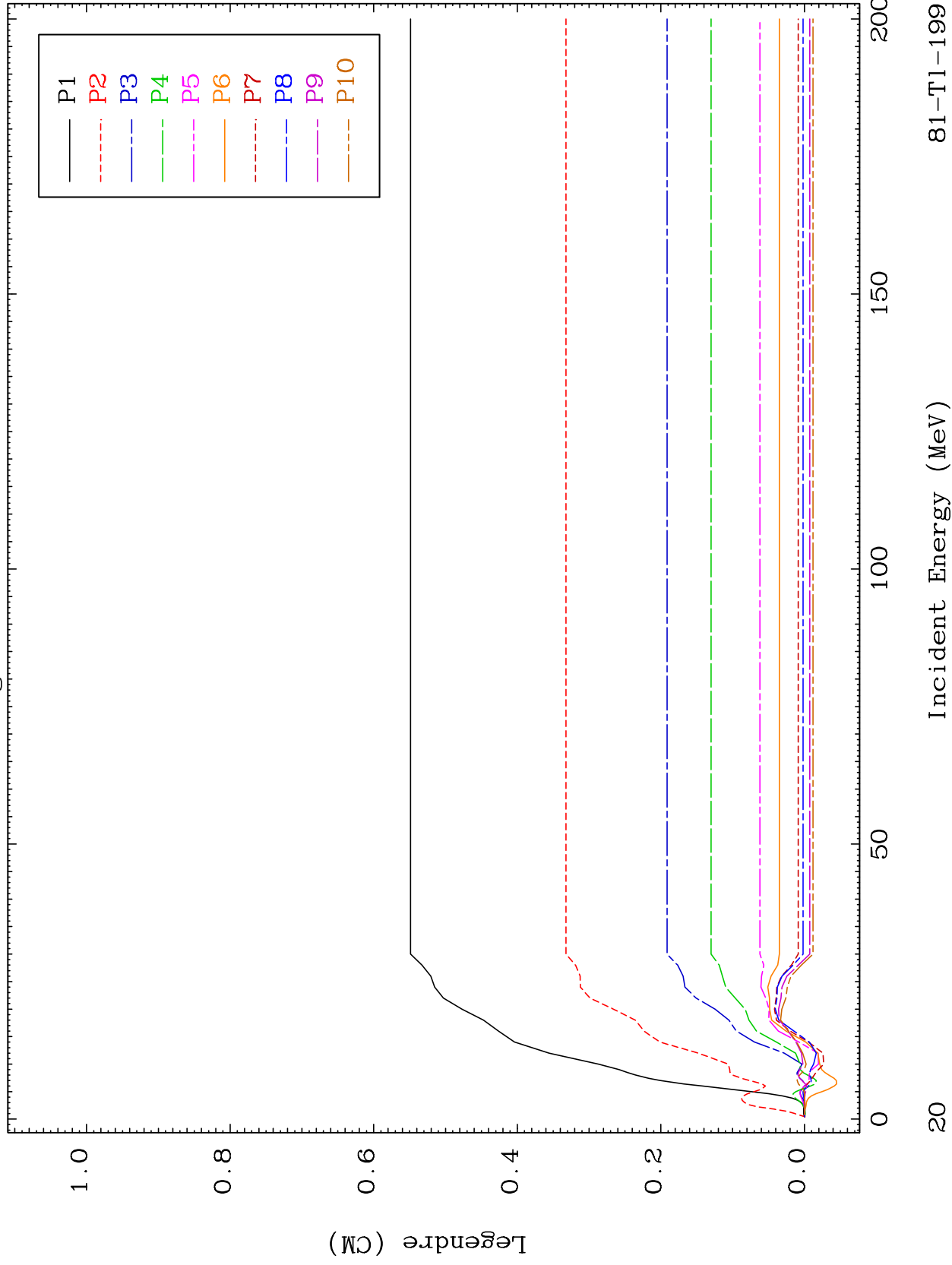
Incident Energy (MeV)

81-T1-199

MAT 81113

366.9 keV (n,n') Level
Legendre Coefficients

81-T1-199



81-T1-199

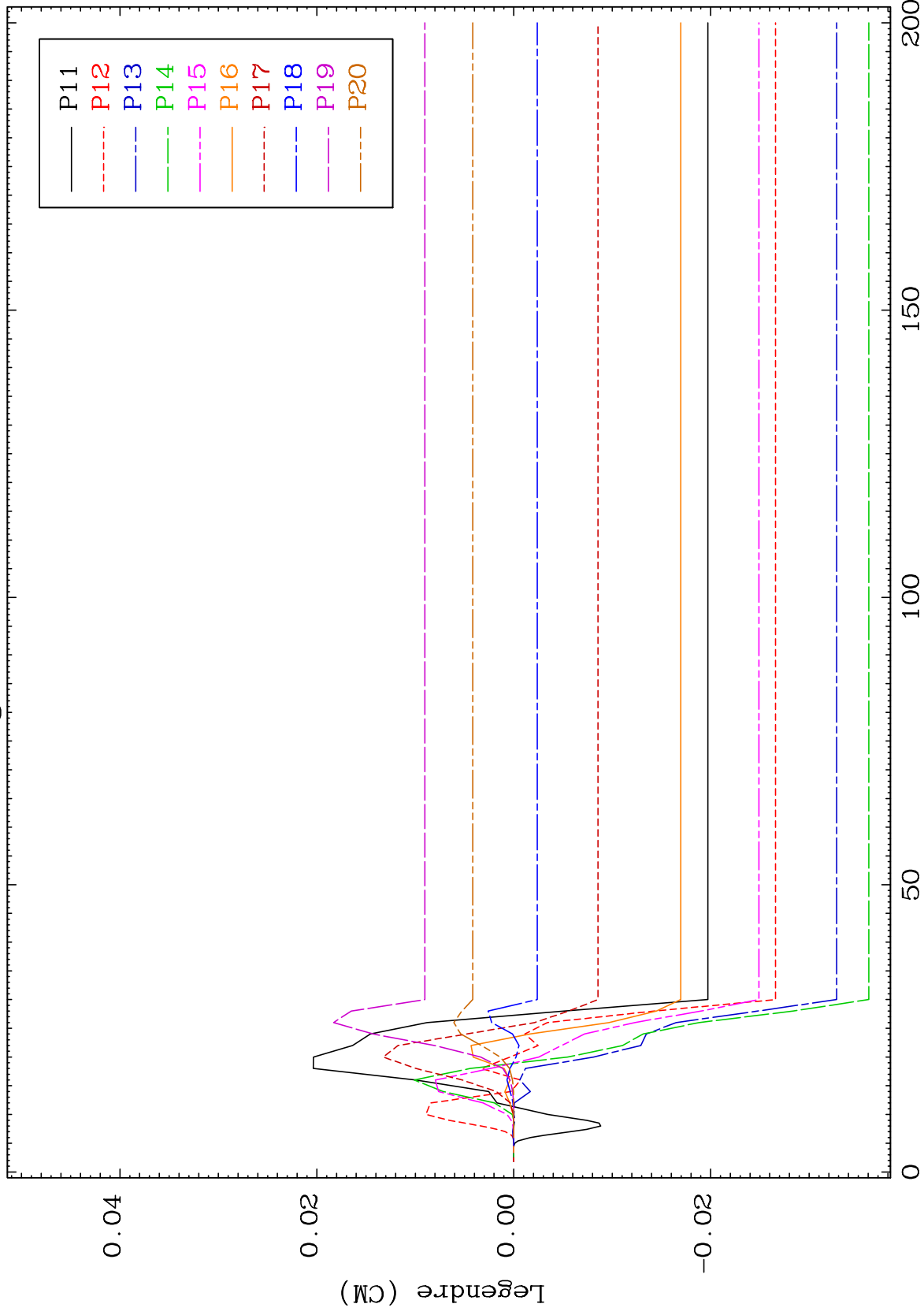
Incident Energy (MeV)

20

MAT 81113

366.9 keV (n,n') Level
Legendre Coefficients

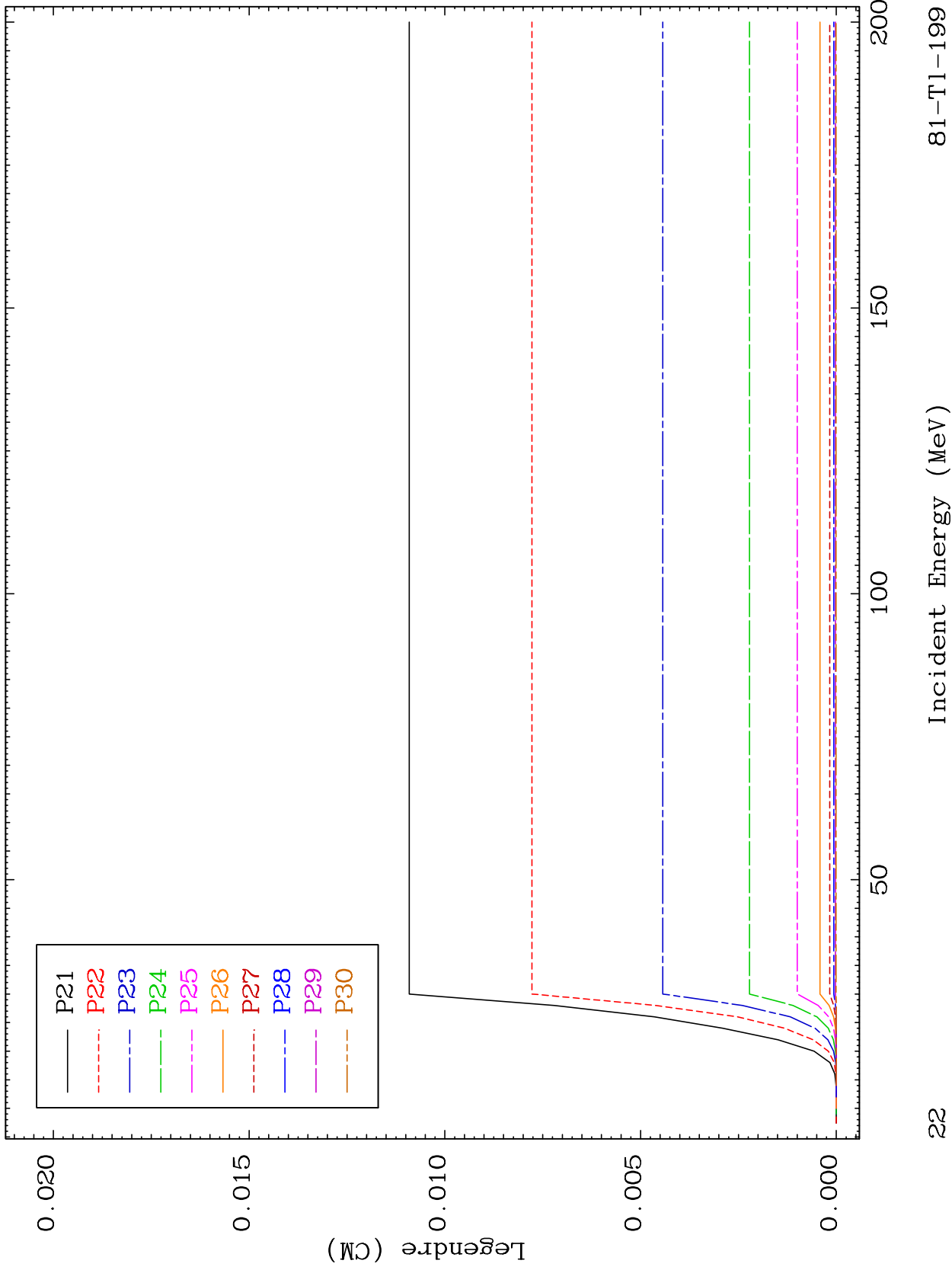
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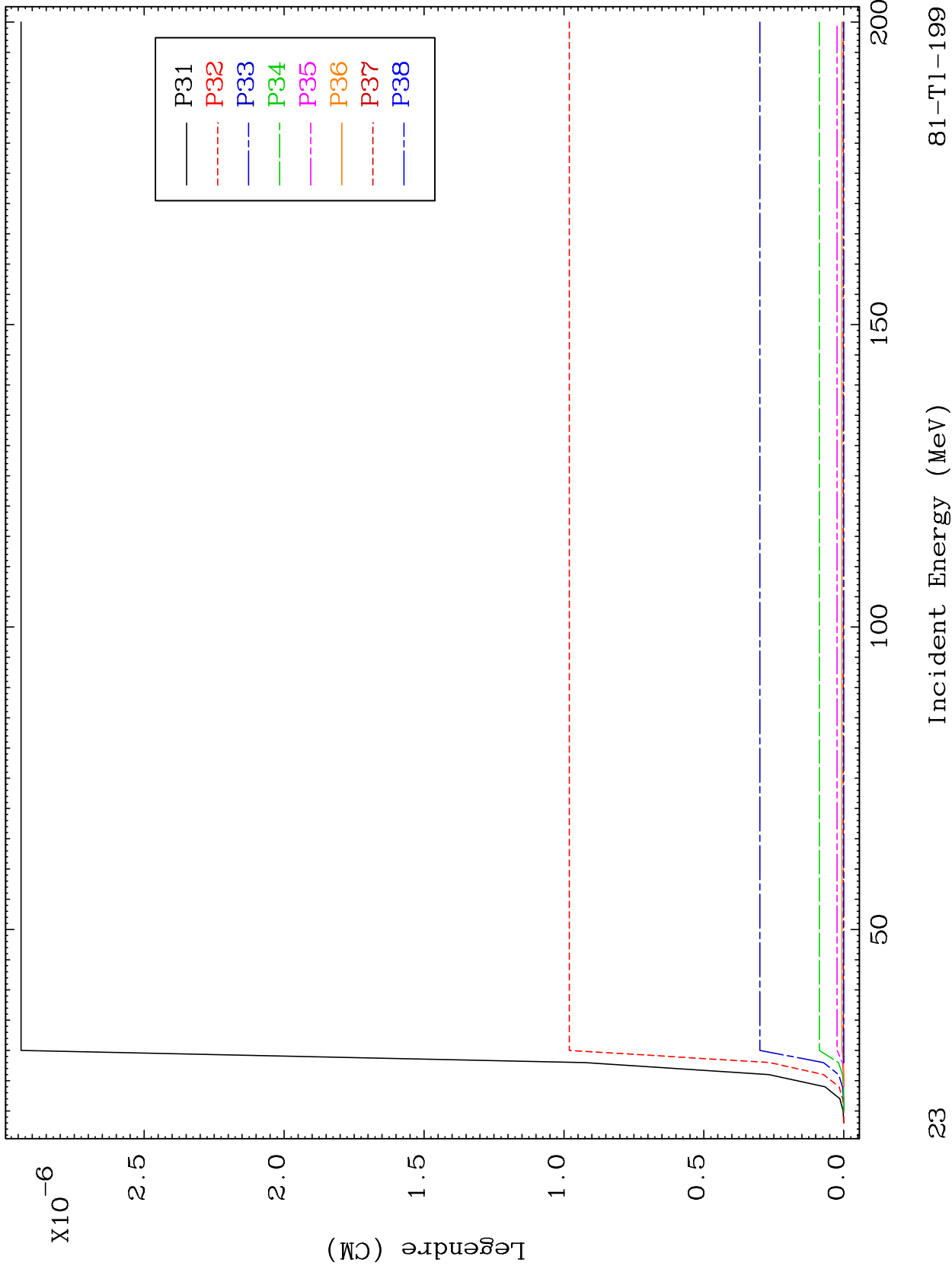


21

Incident Energy (MeV)

81-T1-199

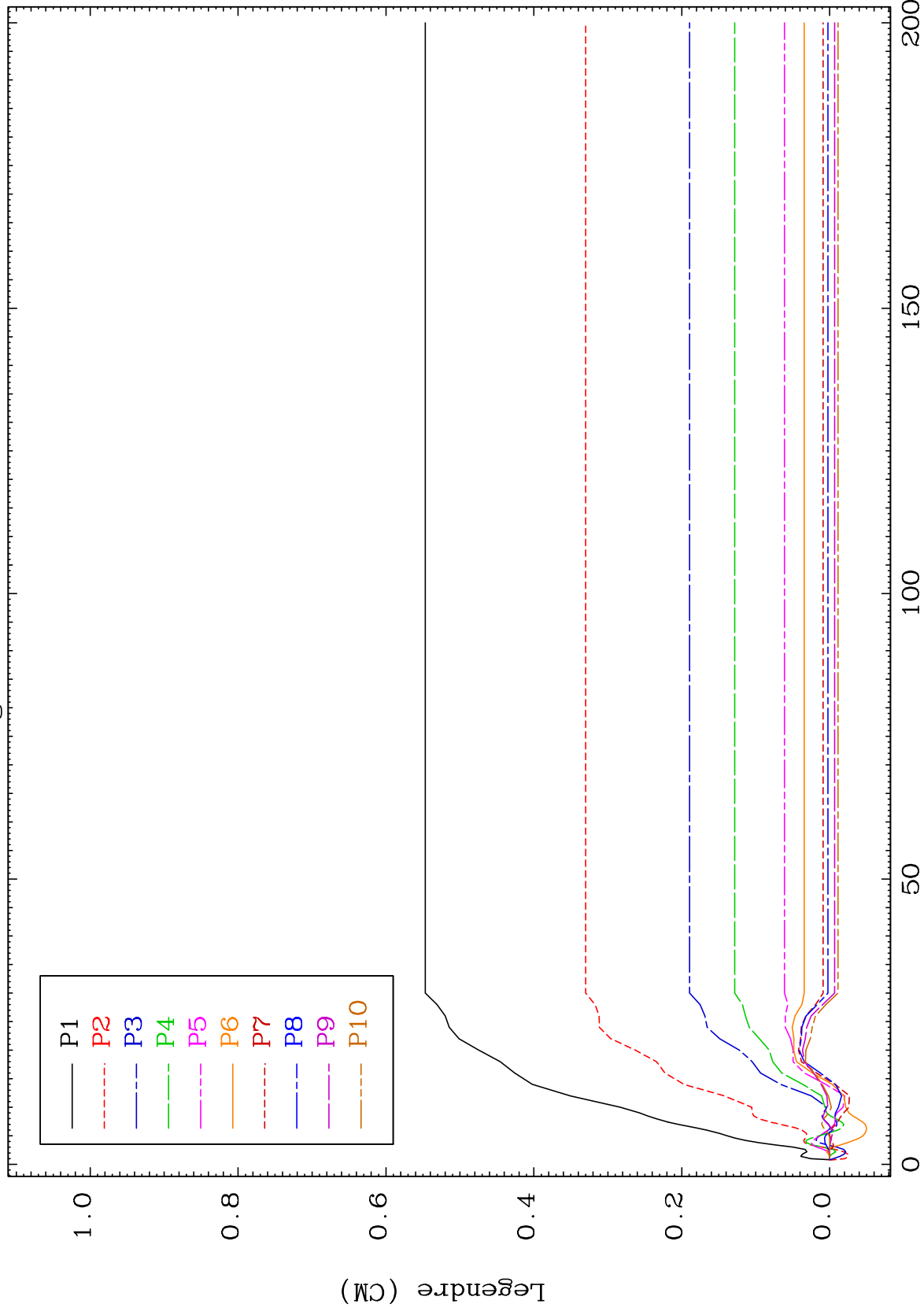




MAT 8113

720.3 keV (n,n') Level
Legendre Coefficients

81-T1-199



24

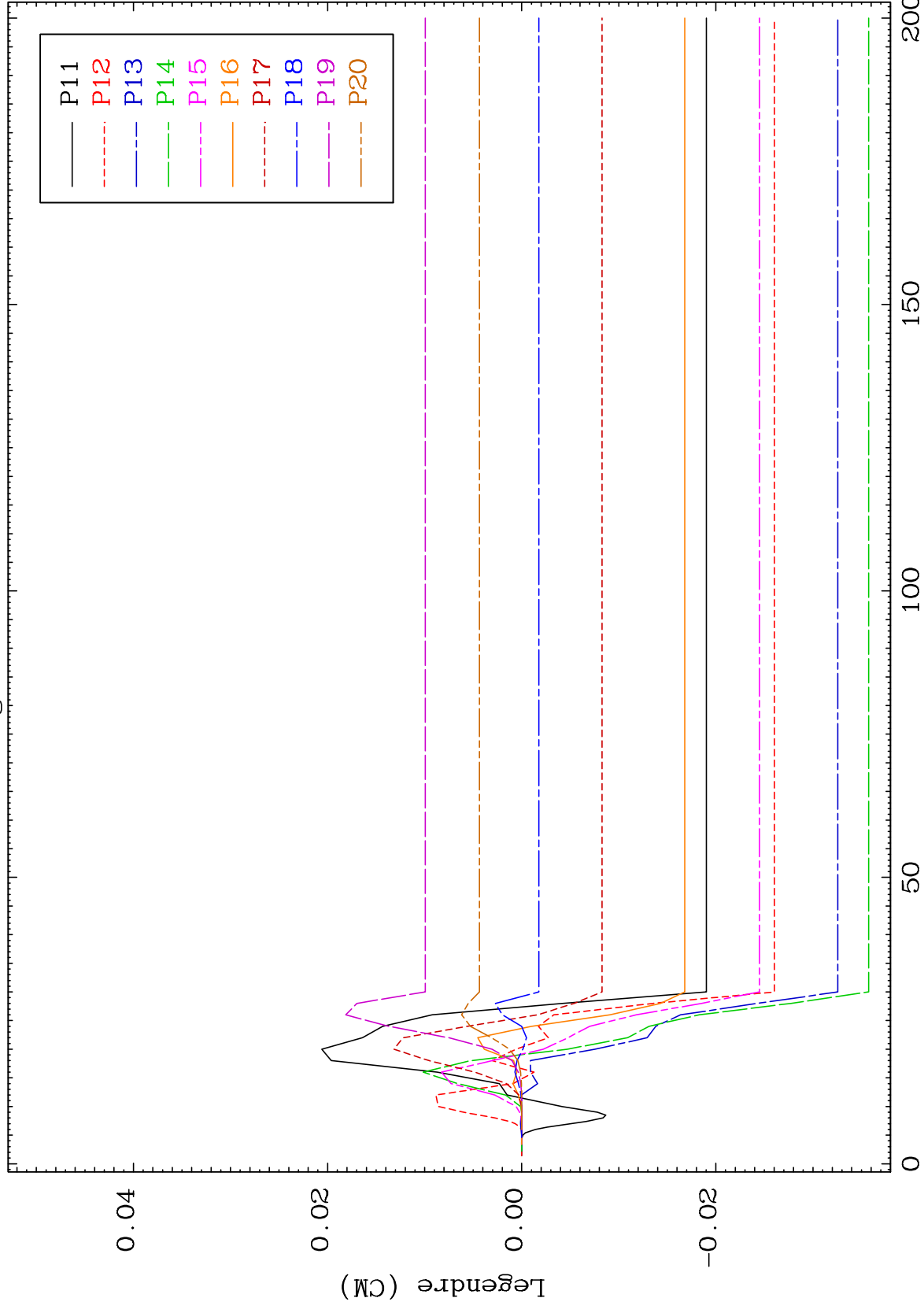
Incident Energy (MeV)

81-T1-199

MAT 81113

720.3 keV (n,n') Level
Legendre Coefficients

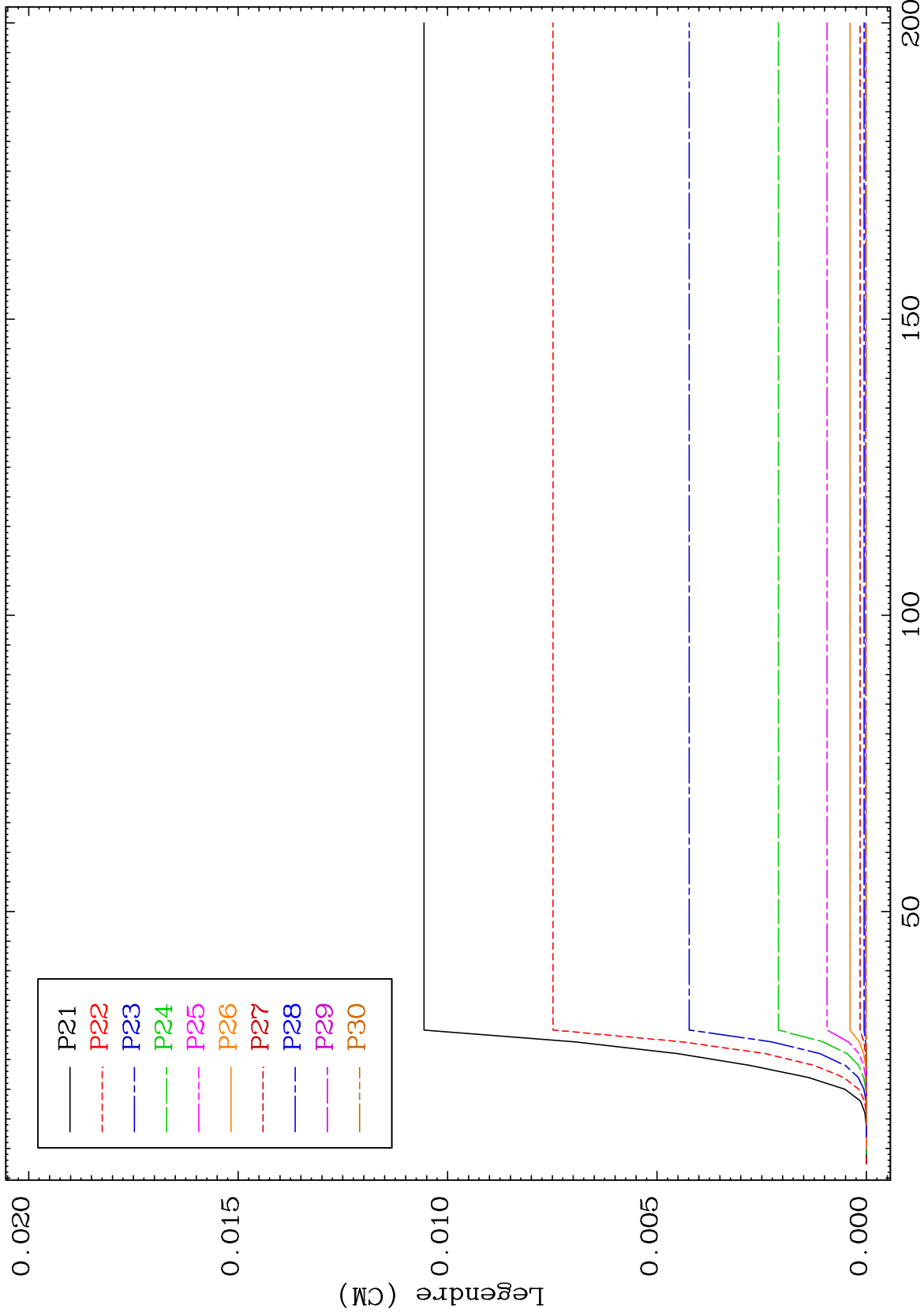
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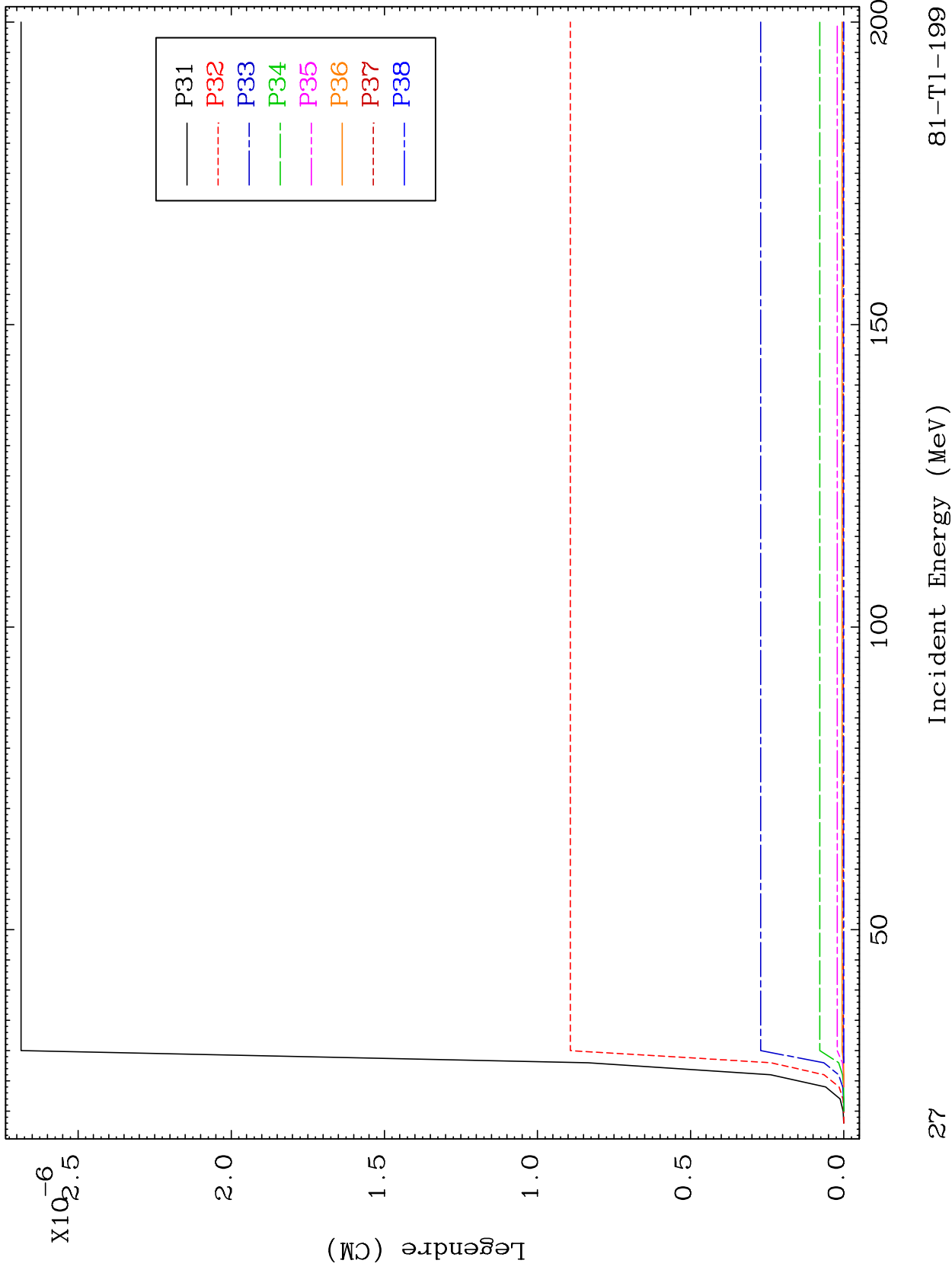


25

Incident Energy (MeV)

81-T1-199

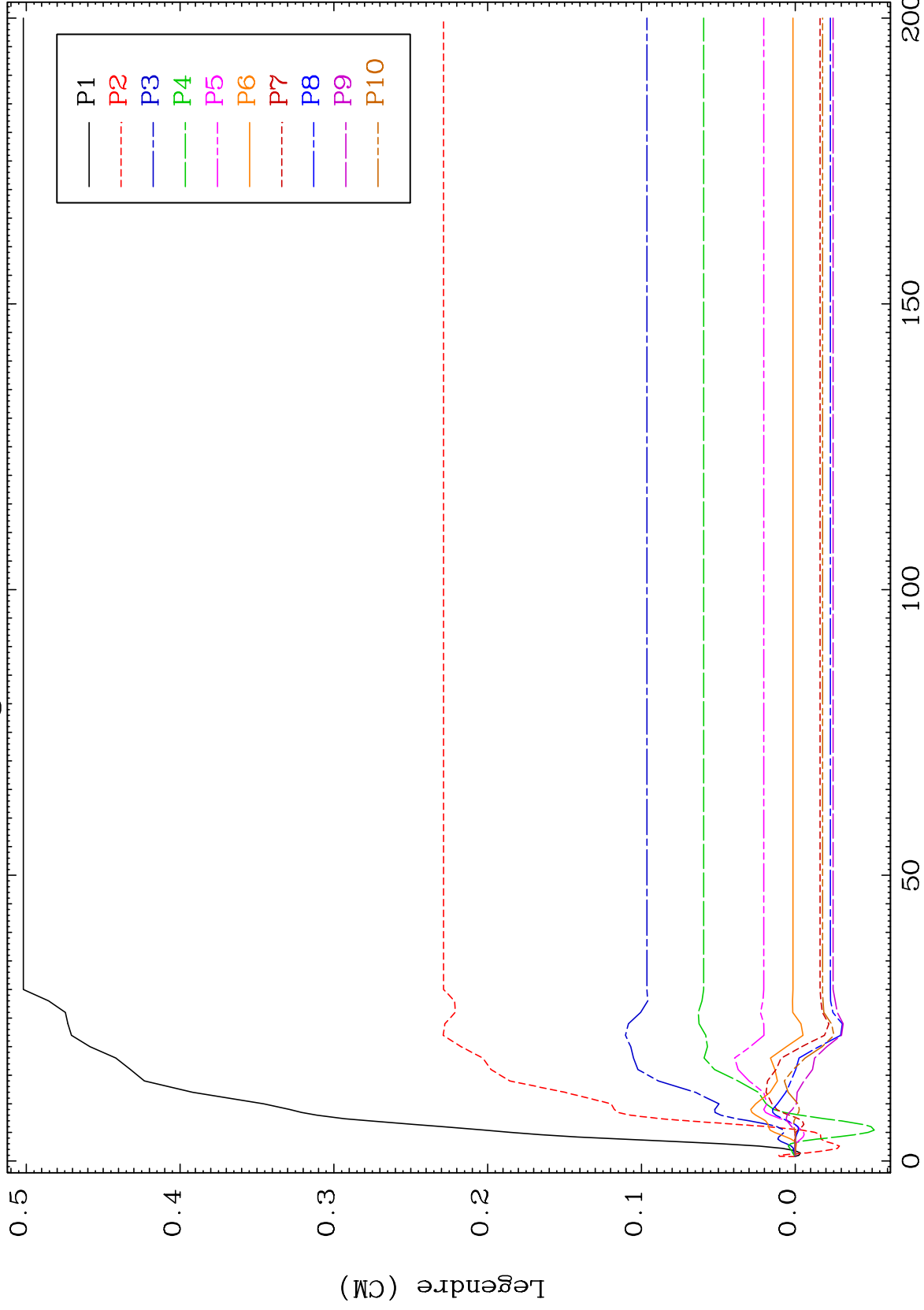




MAT 81113

748.9 keV (n,n') Level
Legendre Coefficients

81-T1-199



81-T1-199

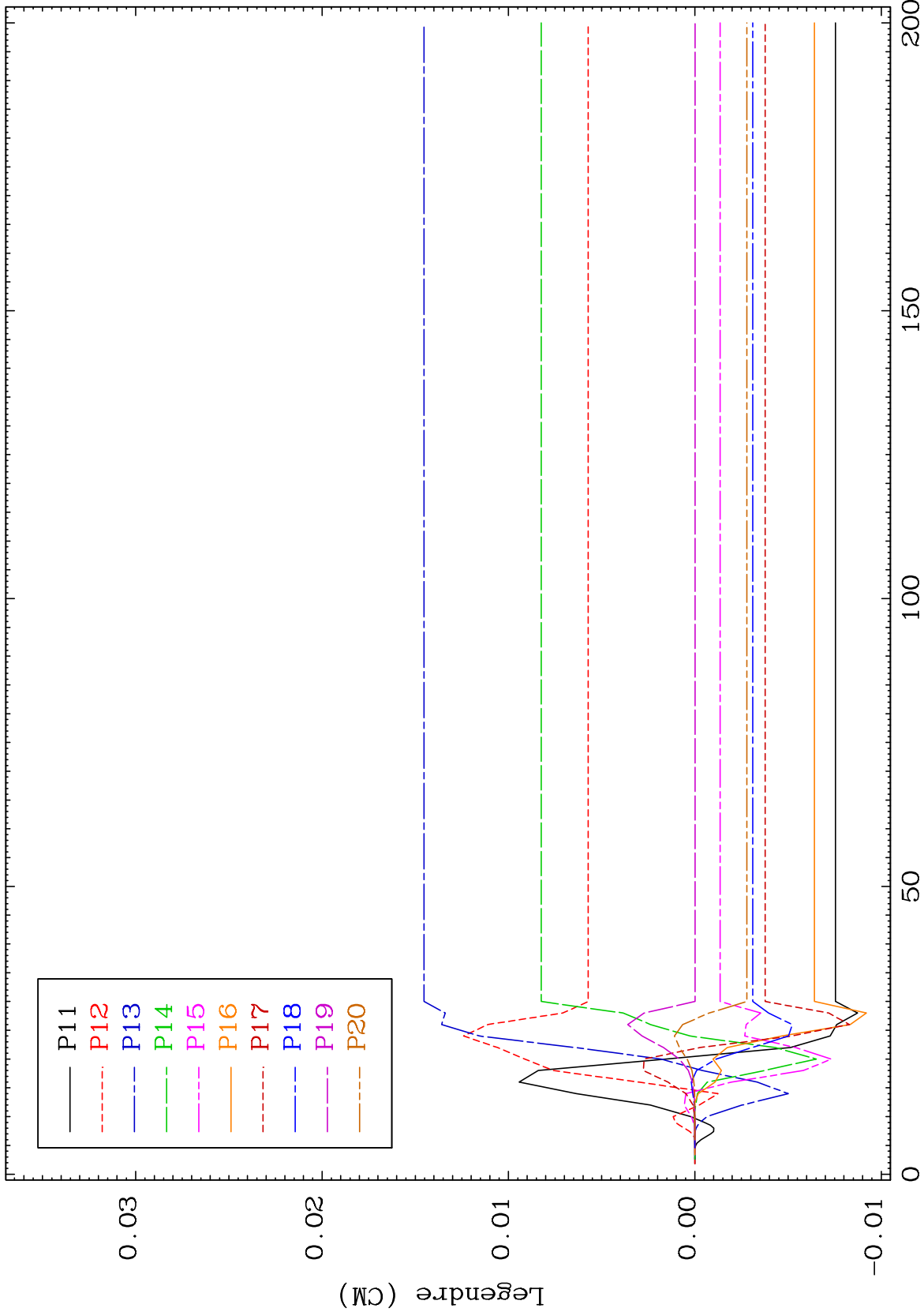
Incident Energy (MeV)

28

MAT 8113

748.9 keV (n,n') Level
Legendre Coefficients

81-T1-199



29

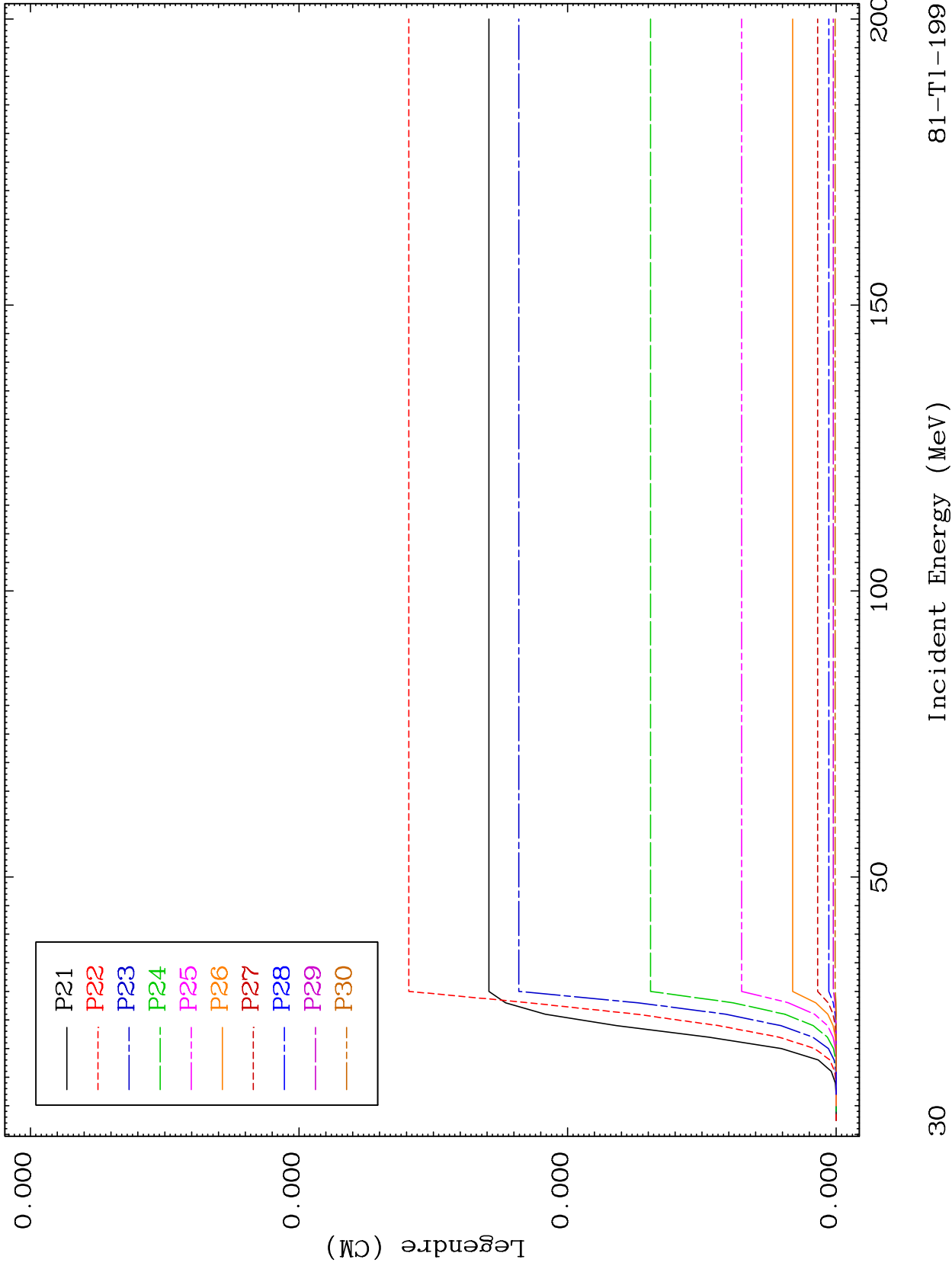
Incident Energy (MeV)

81-T1-199

MAT 8113

748.9 keV (n,n') Level
Legendre Coefficients

81-Tl-199



81-Tl-199

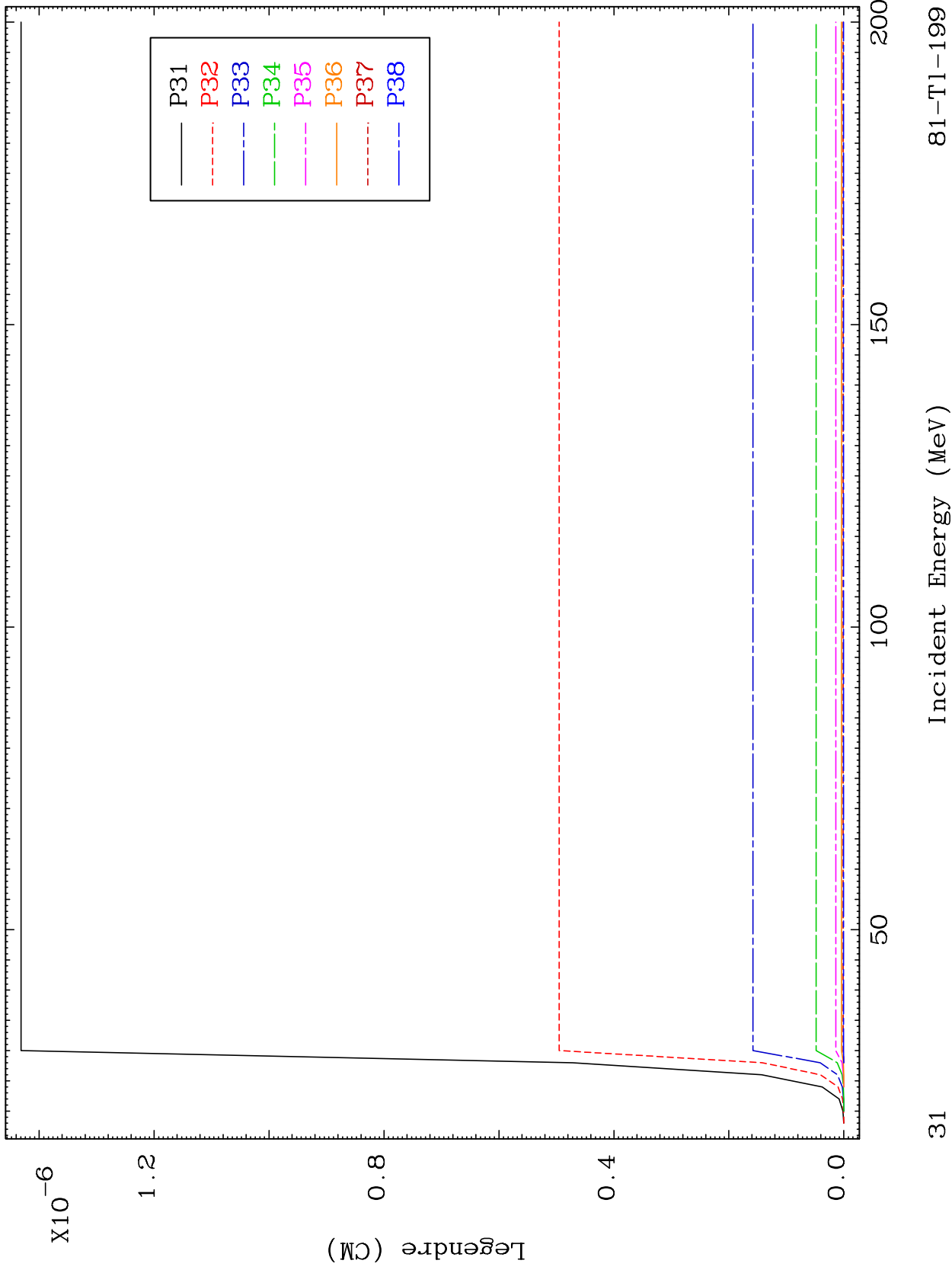
Incident Energy (MeV)

30

MAT 81113

748.9 keV (n,n') Level
Legendre Coefficients

81-T1-199

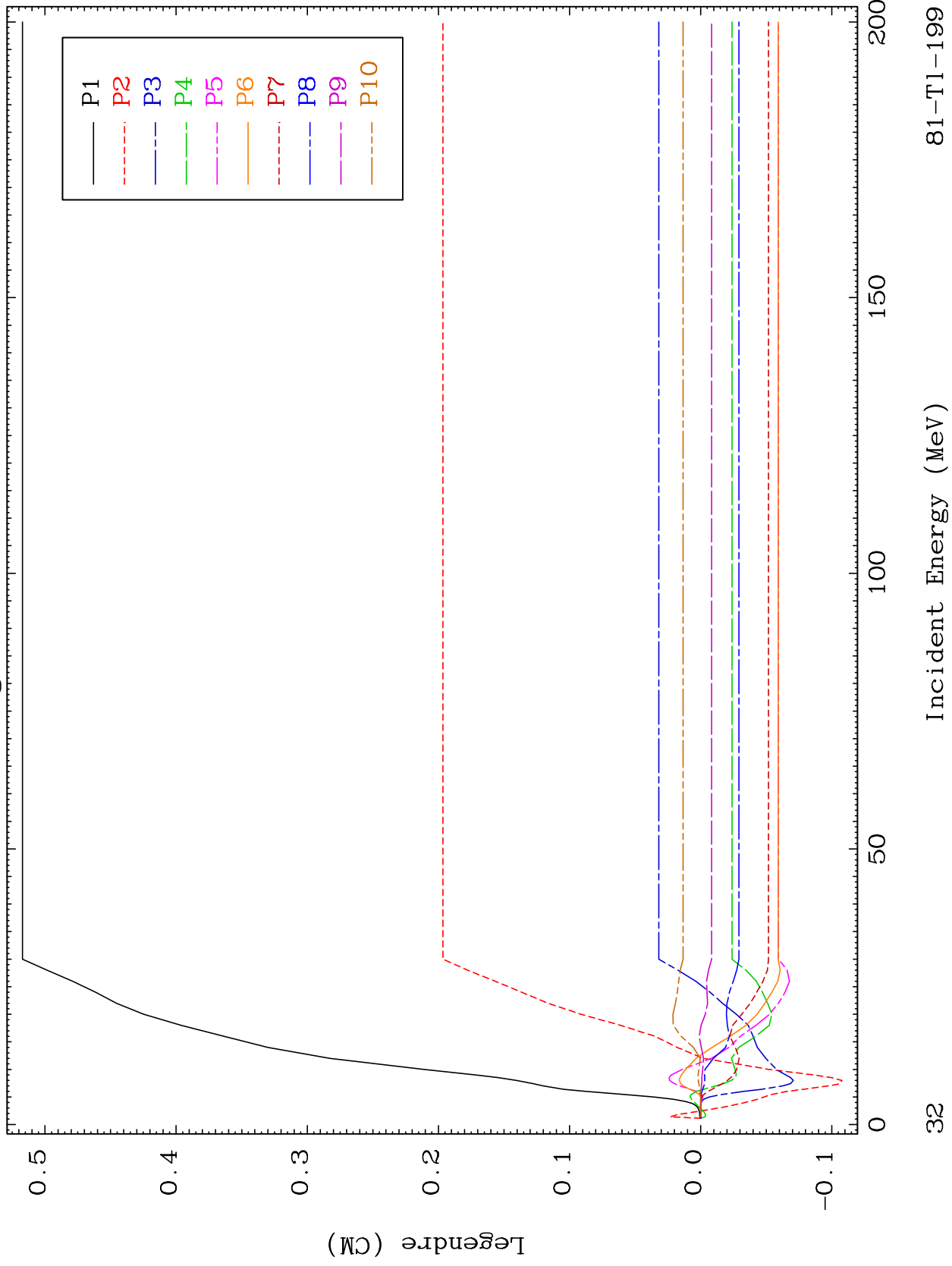


31

MAT 8113

1.118 MeV (n,n') Level
Legendre Coefficients

81-T1-199



81-T1-199

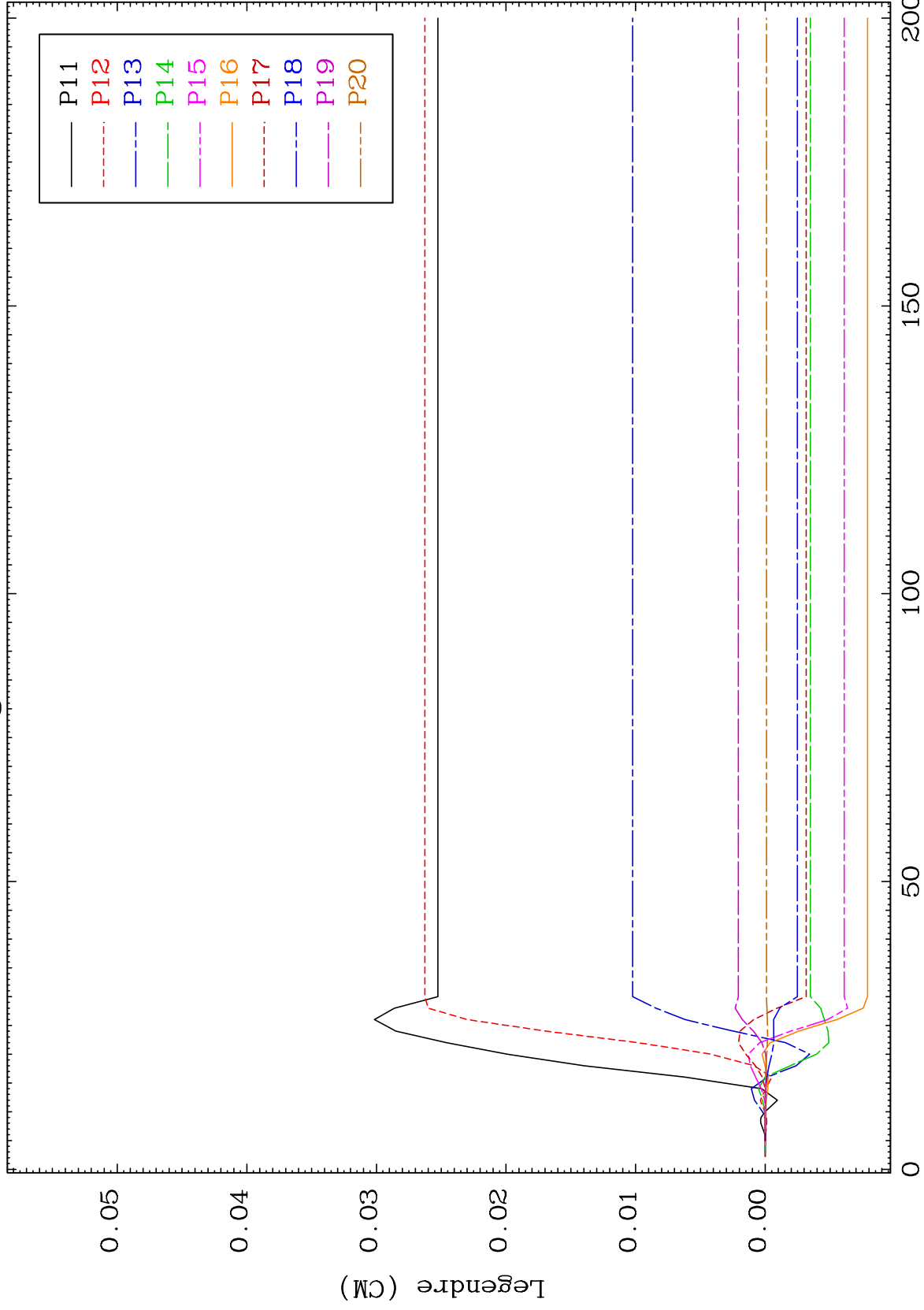
Incident Energy (MeV)

32

MAT 81113

1.118 MeV (n,n') Level
Legendre Coefficients

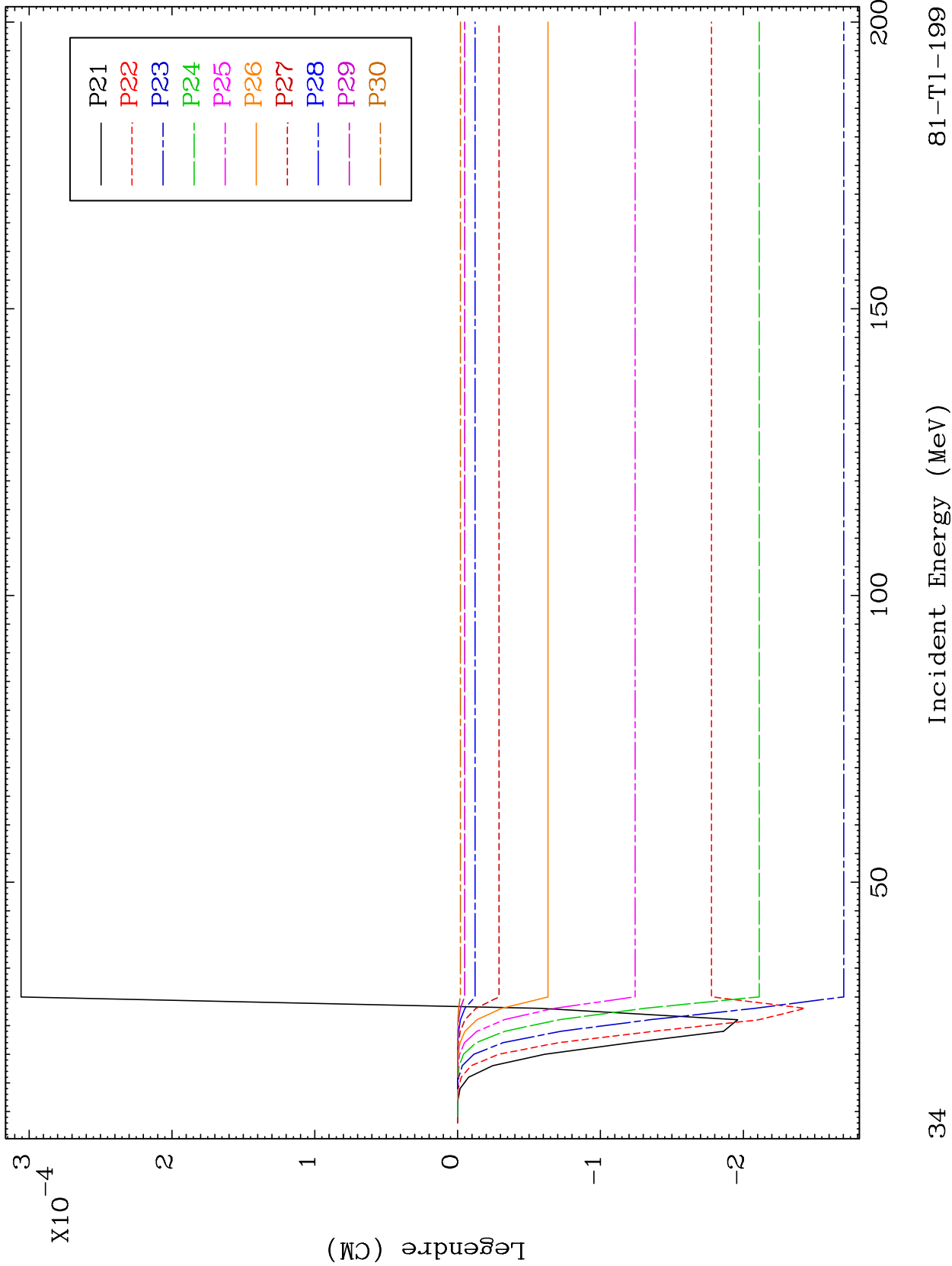
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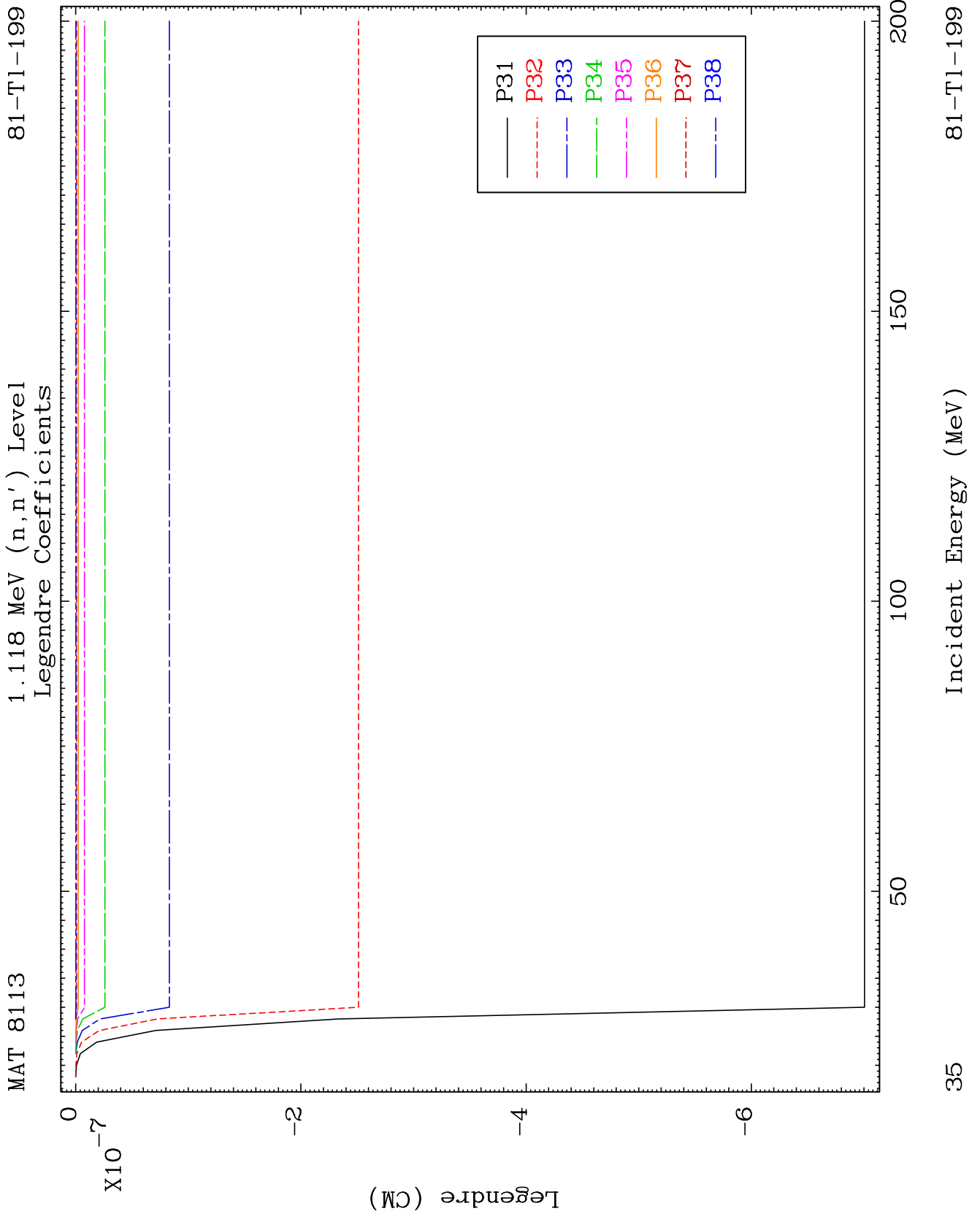


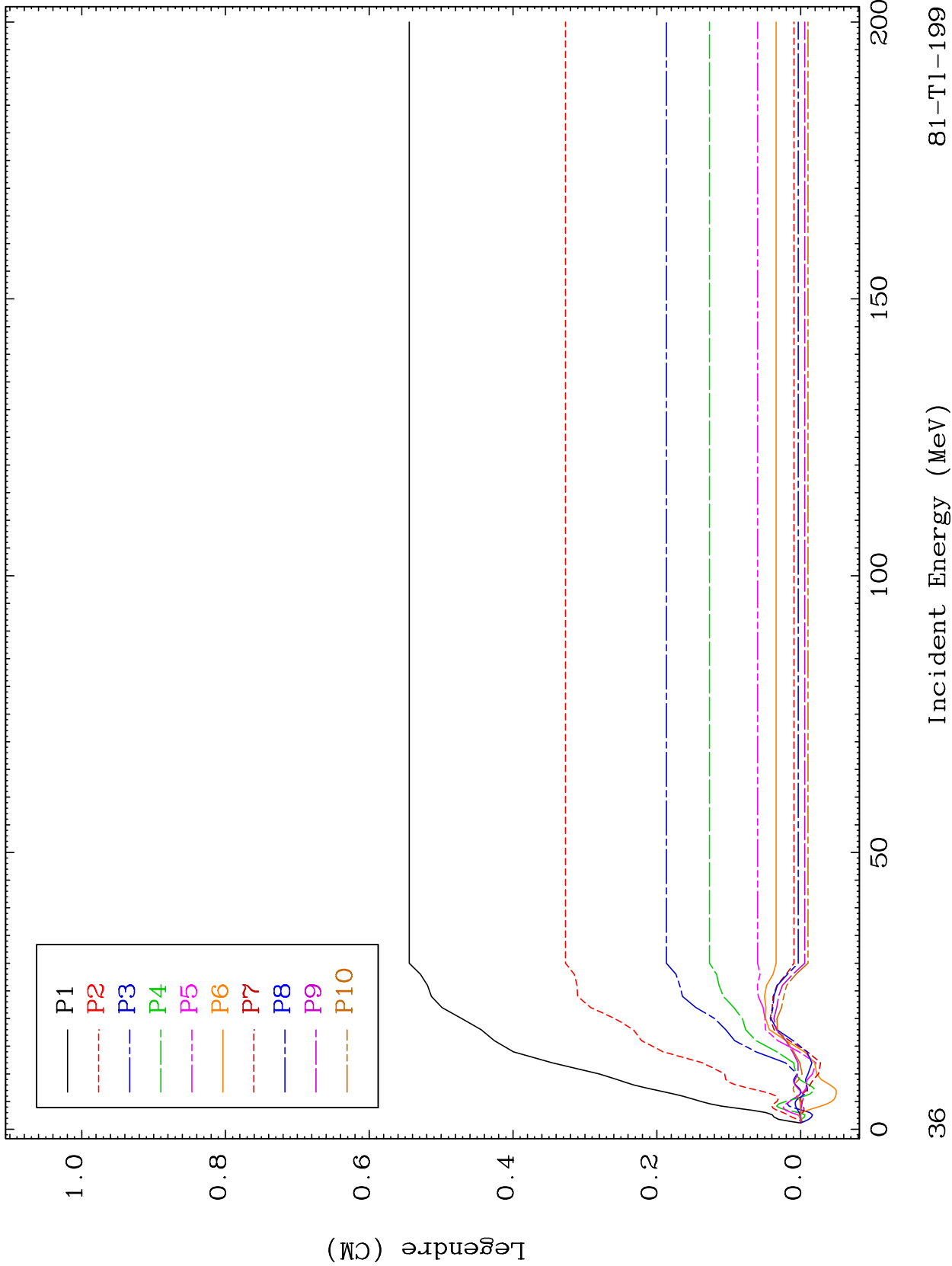
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Incident Energy (MeV)

81-T1-199



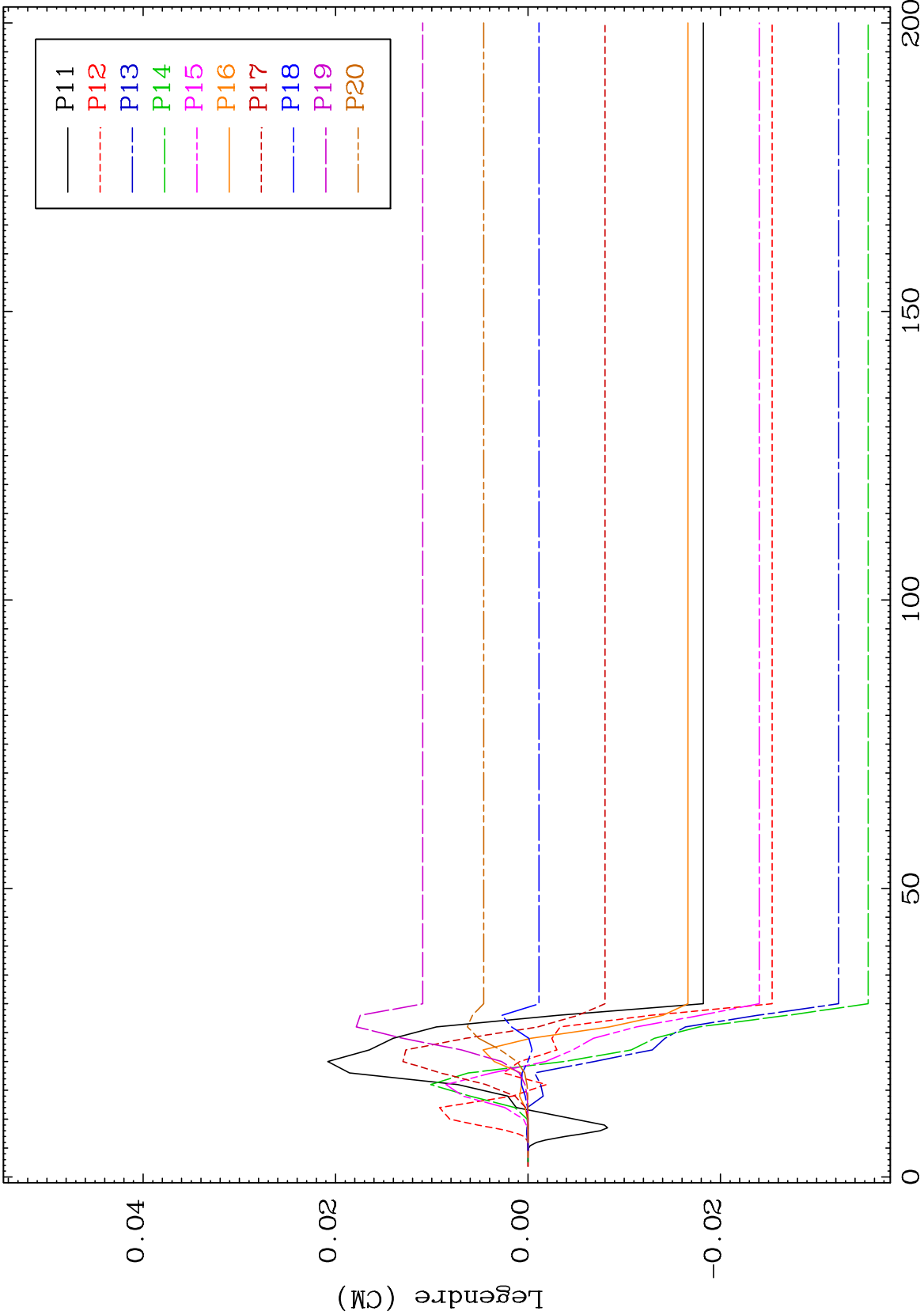




MAT 81113

1.121 MeV (n,n') Level
Legendre Coefficients

81-T1-199



37

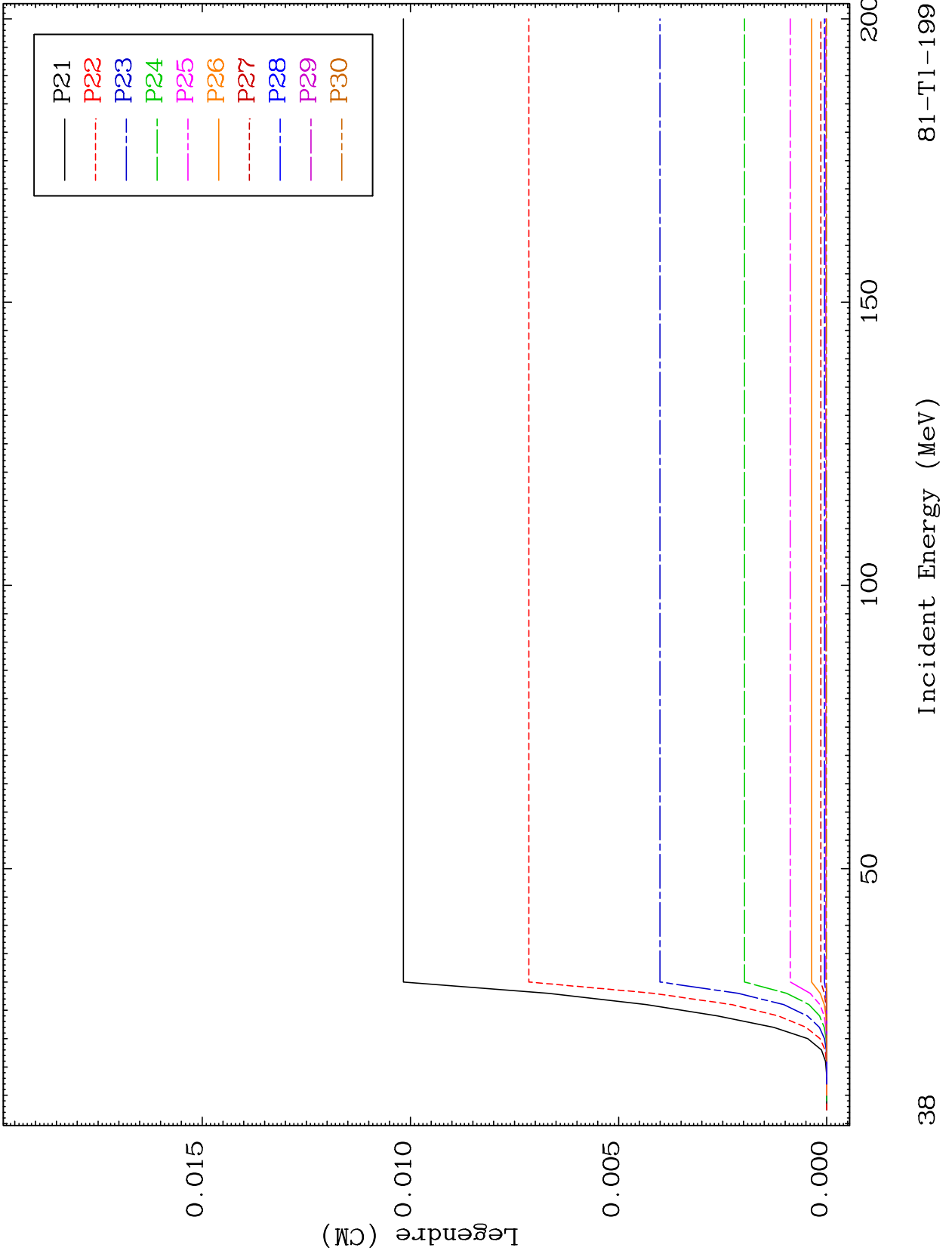
Incident Energy (MeV)

81-T1-199

MAT 8113

1.121 MeV (n,n') Level
Legendre Coefficients

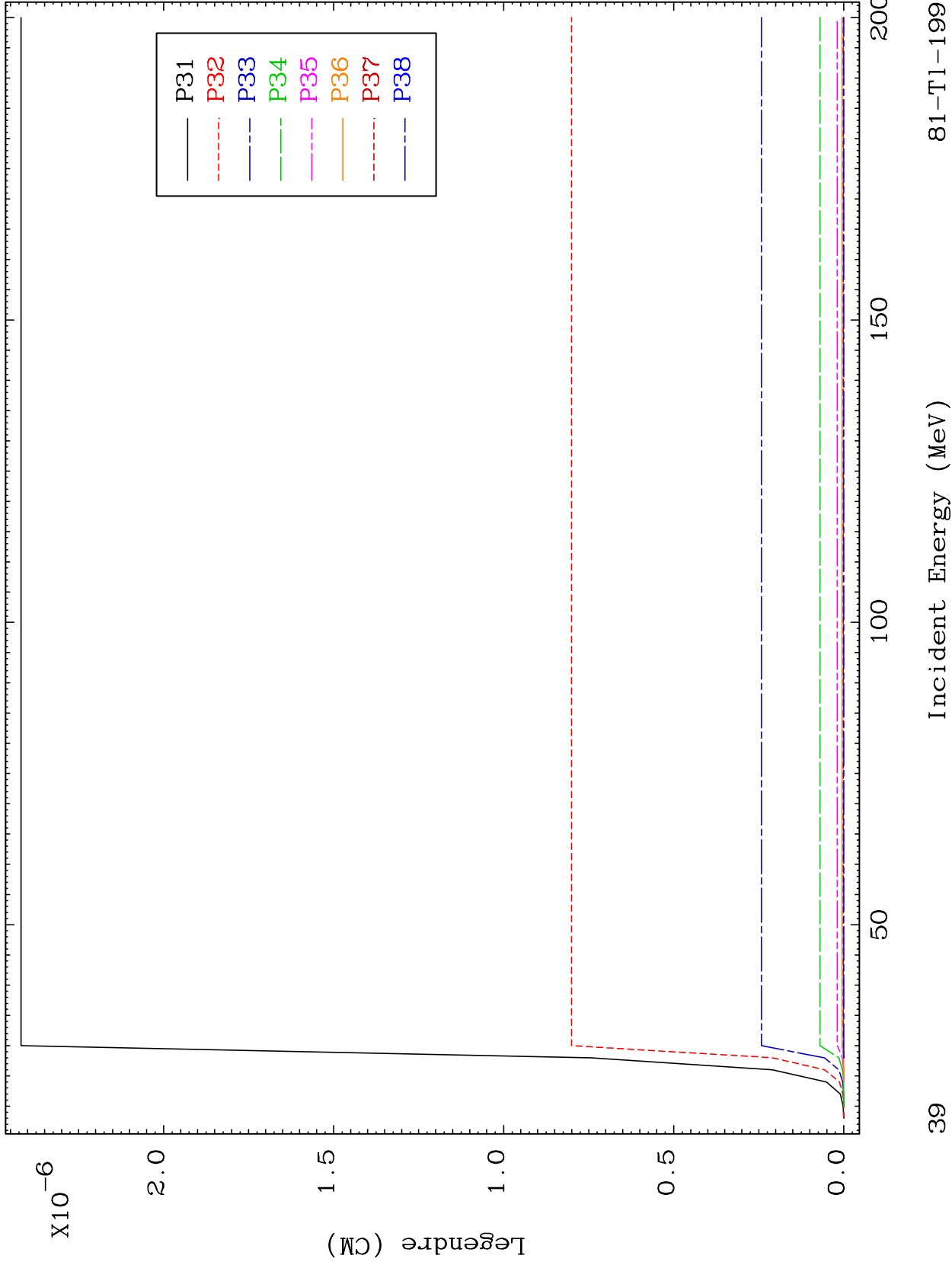
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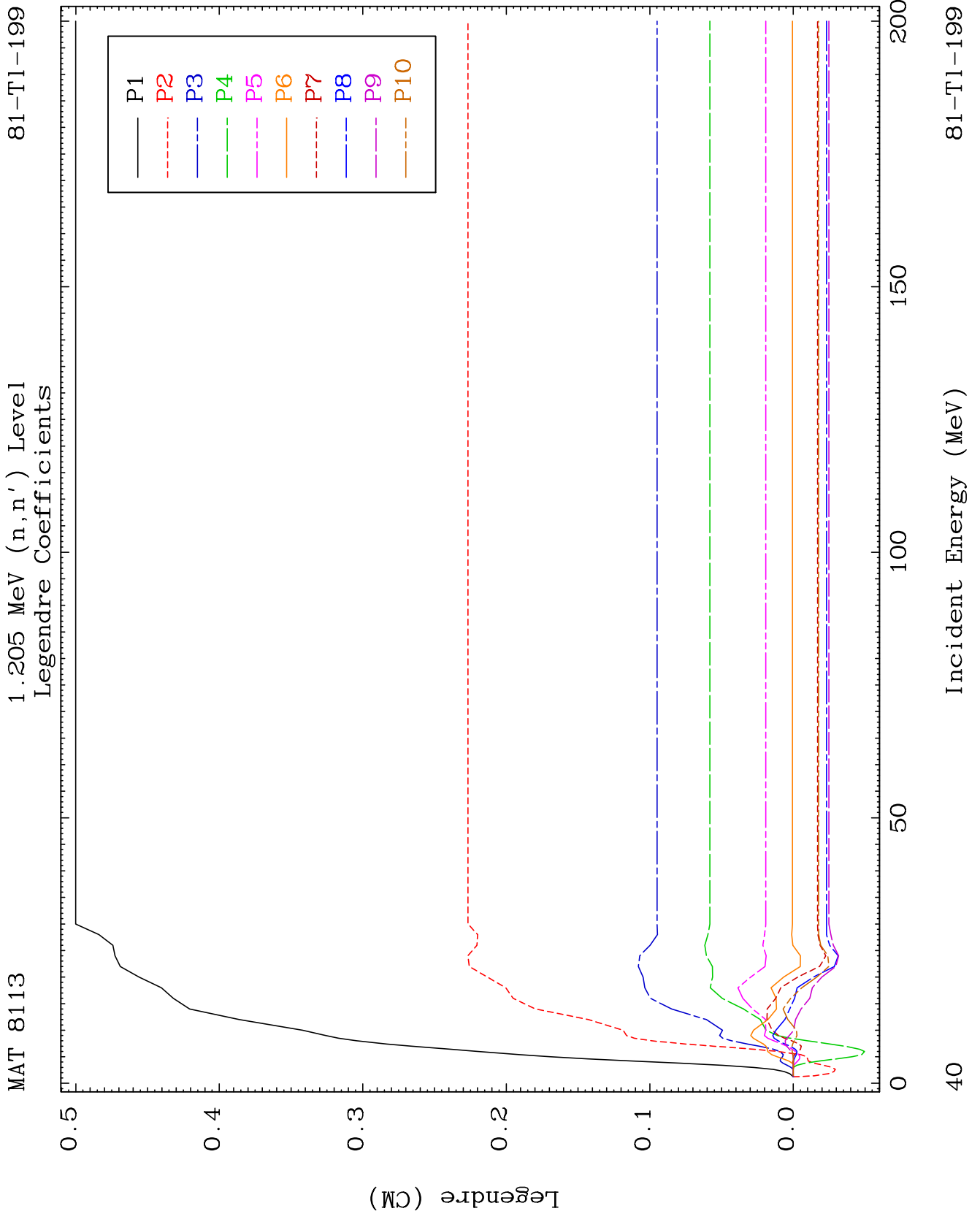


MAT 81113

1.121 MeV (n,n') Level
Legendre Coefficients

81-T1-199

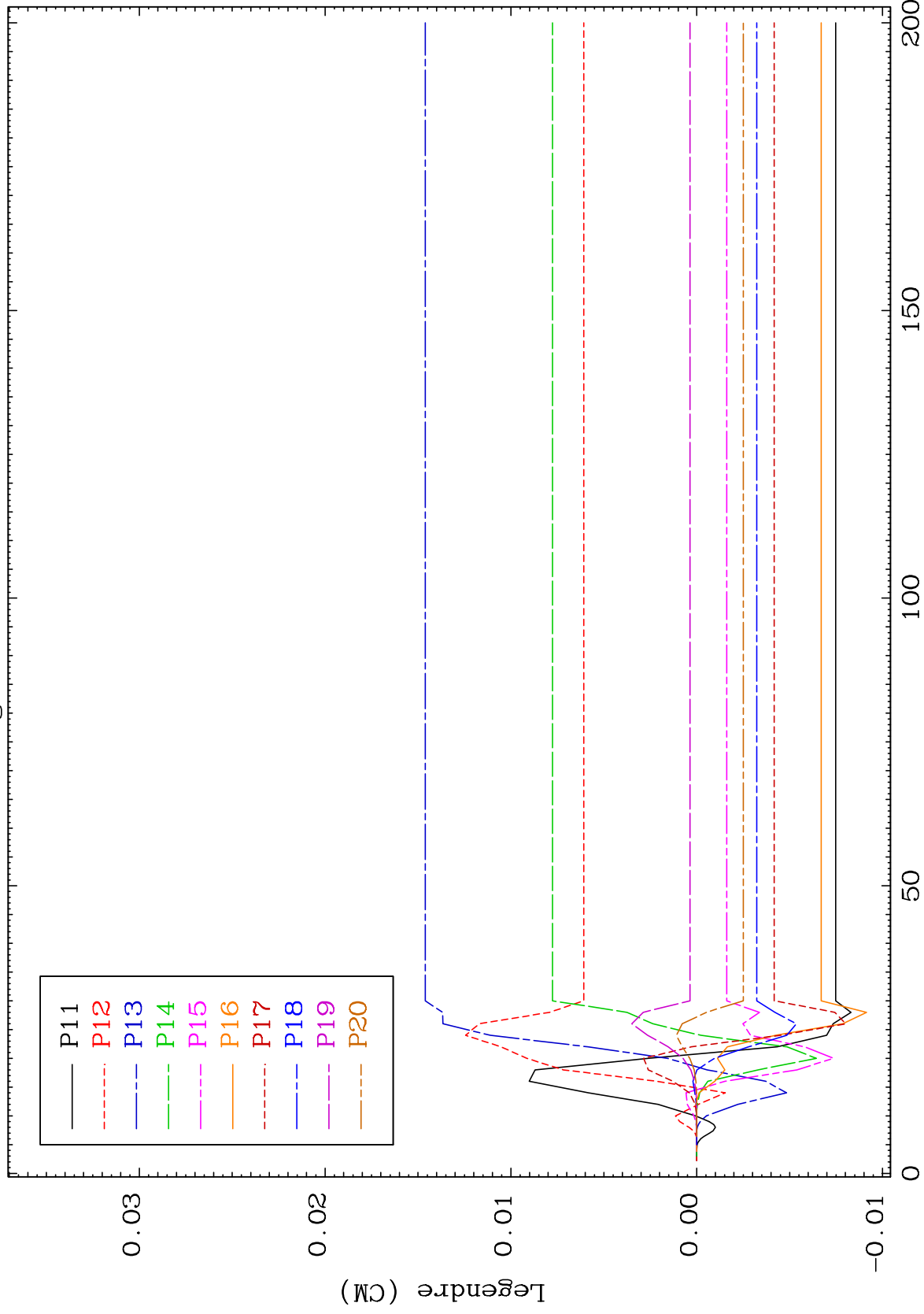




MAT 8113

1.205 MeV (n,n') Level
Legendre Coefficients

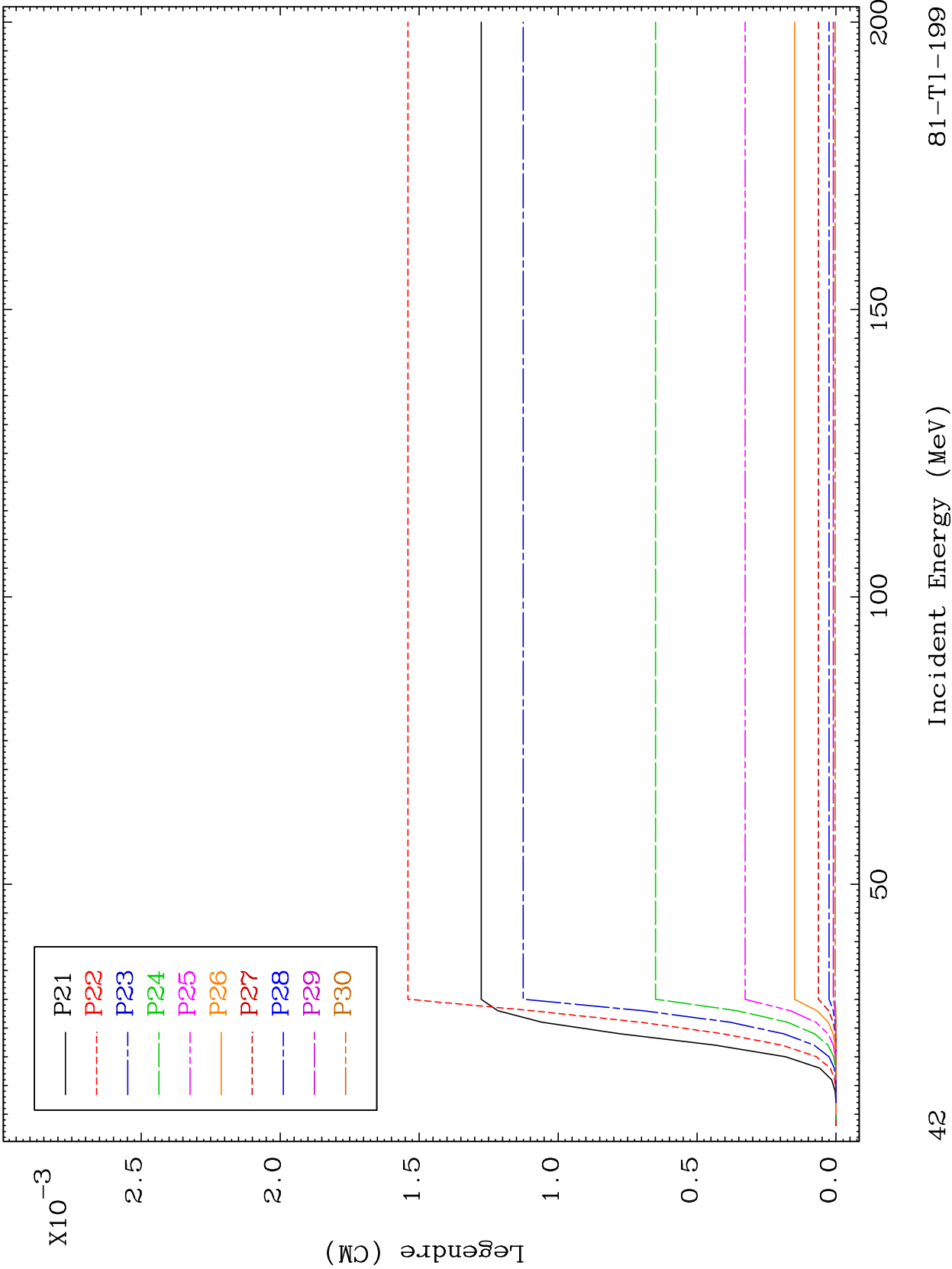
81-T1-199



41

Incident Energy (MeV)

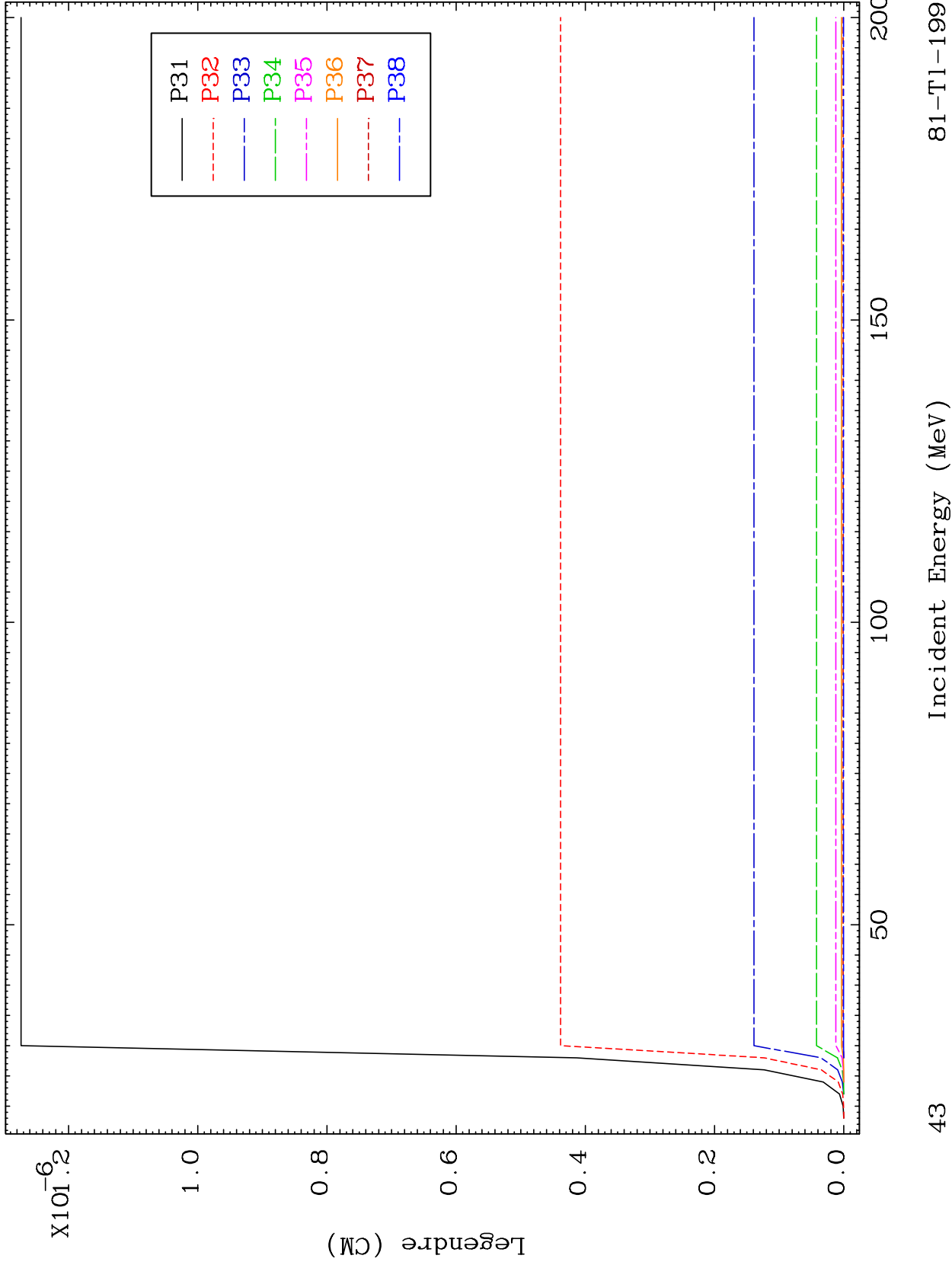
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MAT 8113

1.205 MeV (n,n') Level
Legendre Coefficients

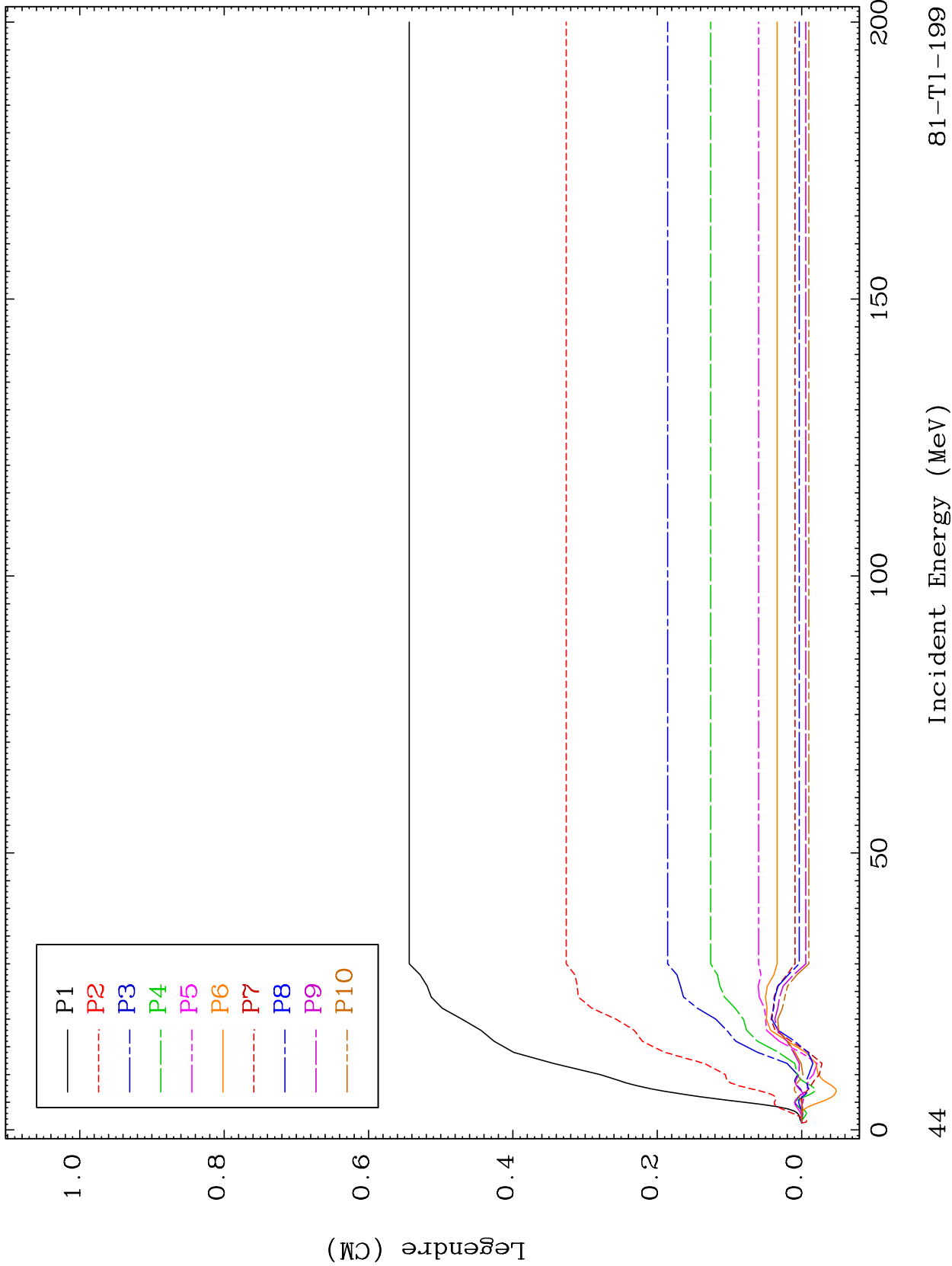
81-T1-199



43

Incident Energy (MeV)

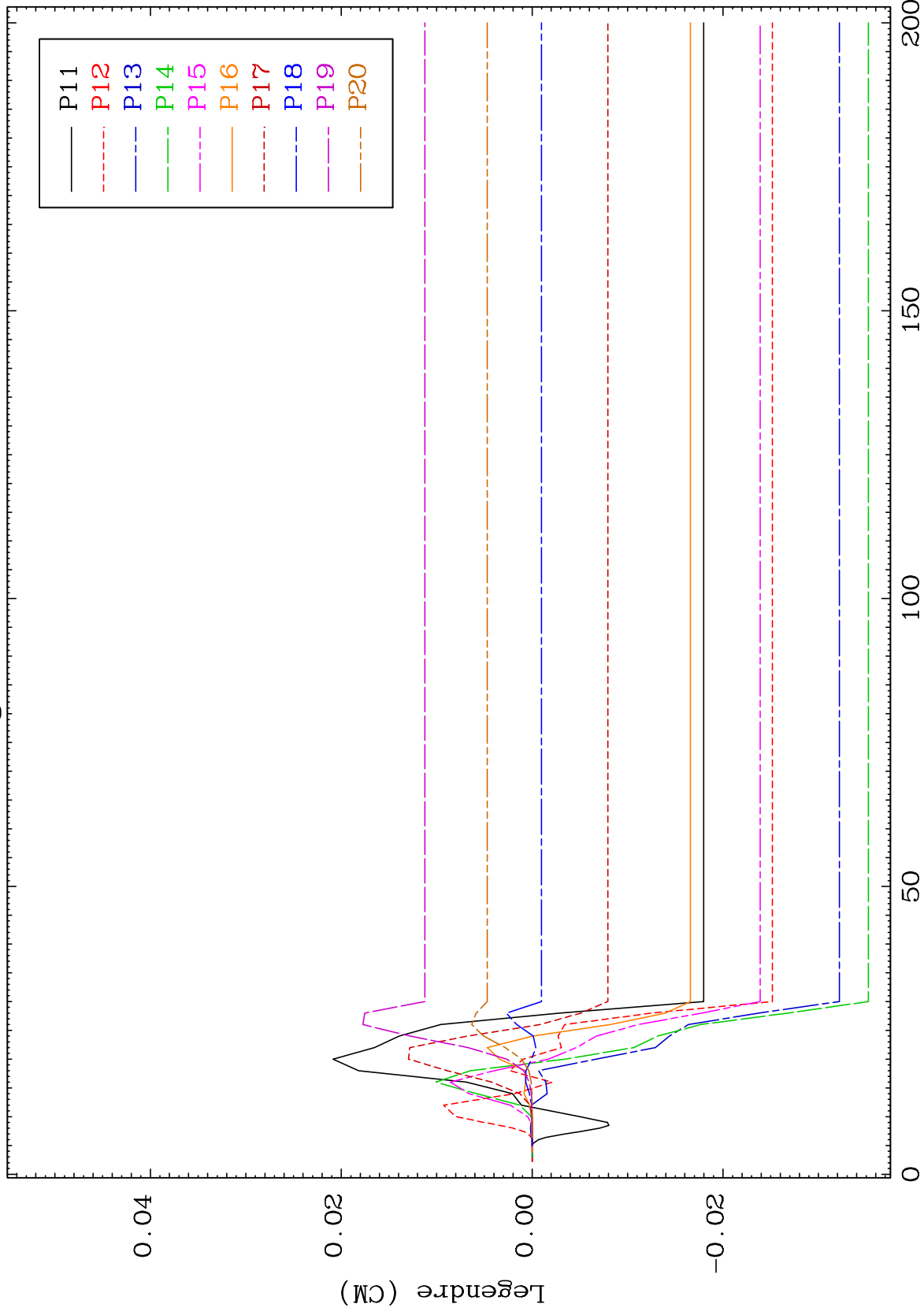
81-T1-199



MAT 8113

1.242 MeV (n,n') Level
Legendre Coefficients

81-T1-199



45

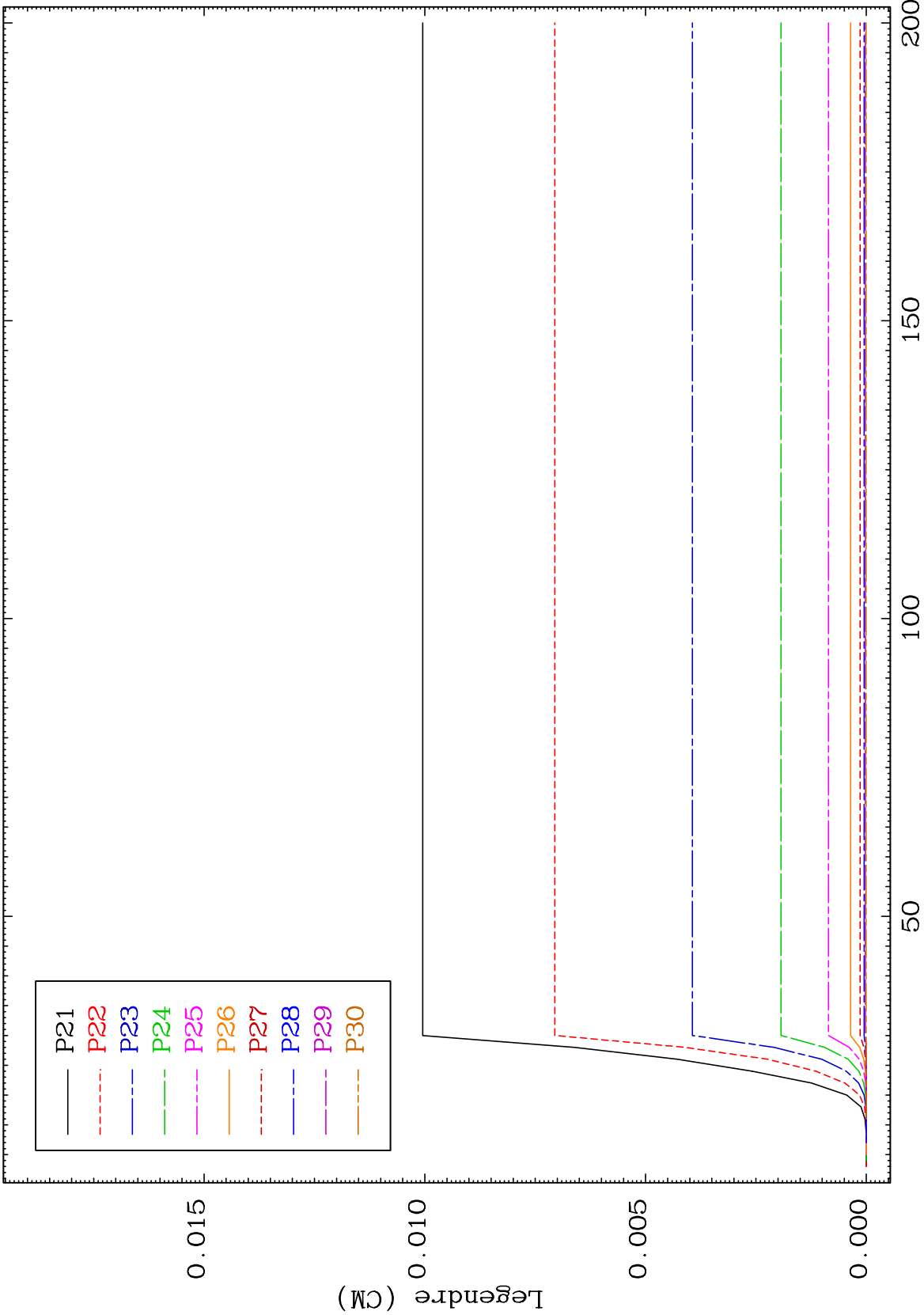
Incident Energy (MeV)

81-T1-199

MAT 8113

1.242 MeV (n,n') Level
Legendre Coefficients

81-T1-199



46

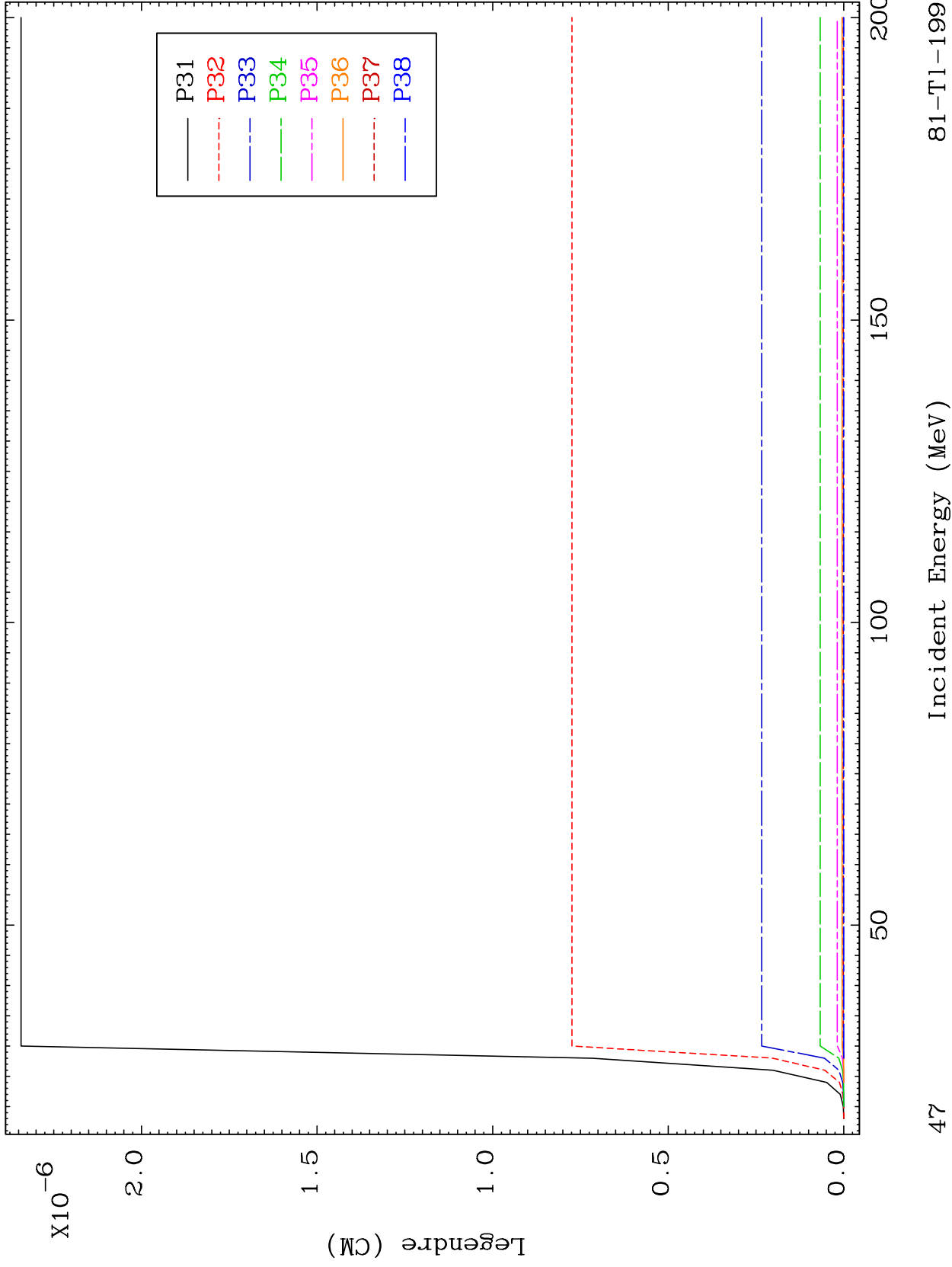
Incident Energy (MeV)

81-T1-199

MAT 81113

1.242 MeV (n, n') Level
Legendre Coefficients

81-T1-199



47

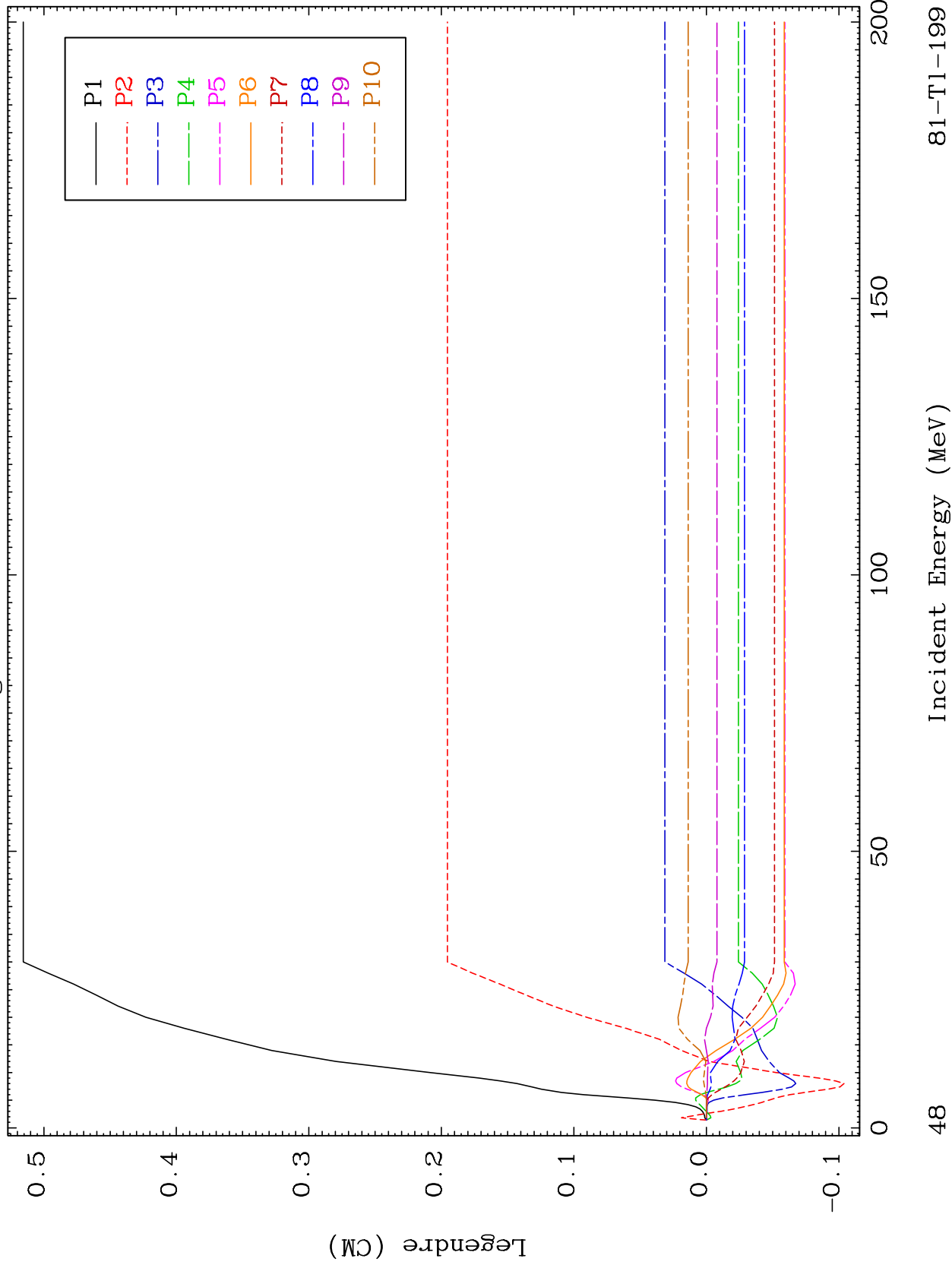
Incident Energy (MeV)

81-T1-199

MAT 81113

1.395 MeV (n,n') Level
Legendre Coefficients

81-T1-199



81-T1-199

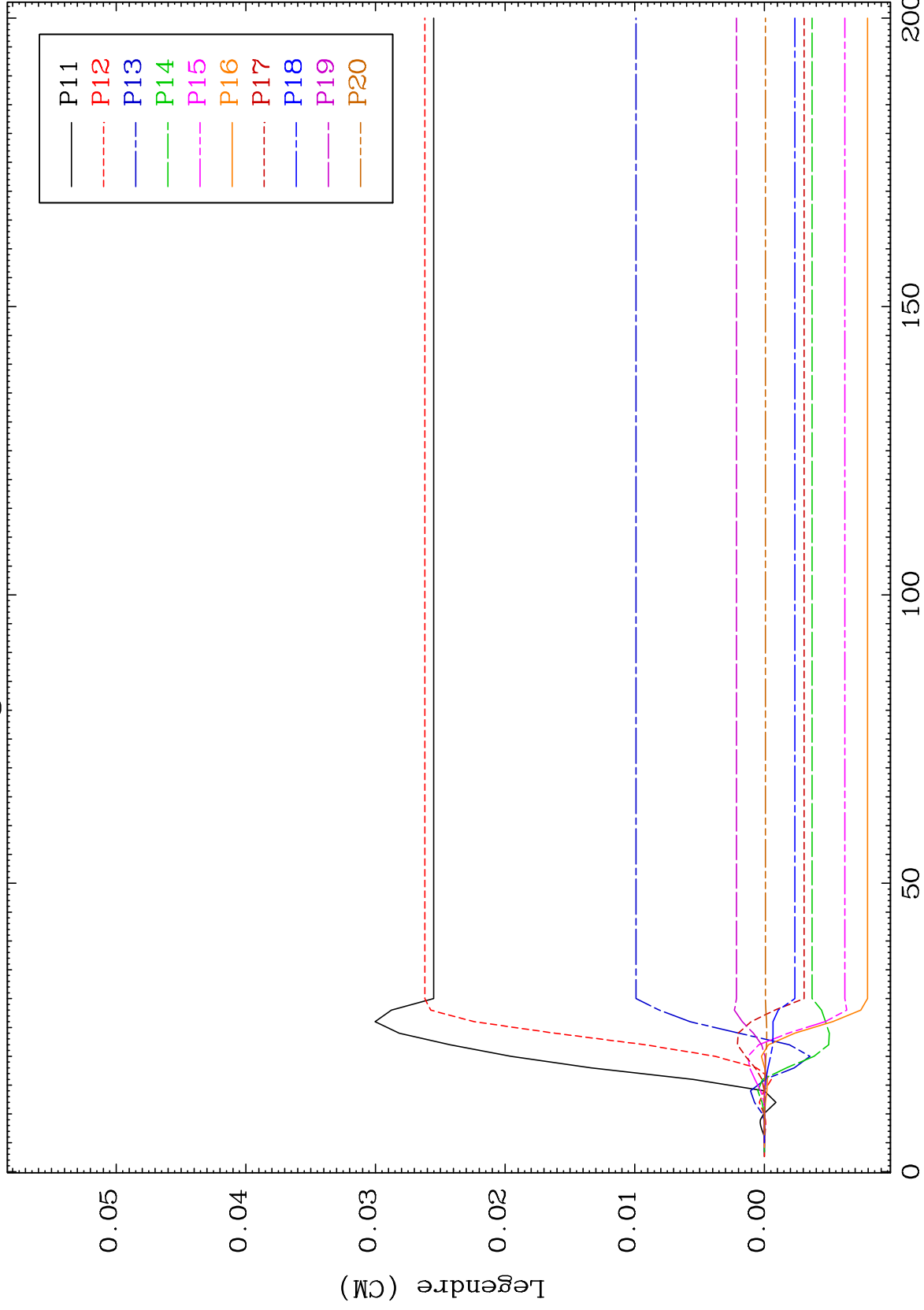
Incident Energy (MeV)

48

MAT 81113

1.395 MeV (n,n') Level
Legendre Coefficients

81-T1-199



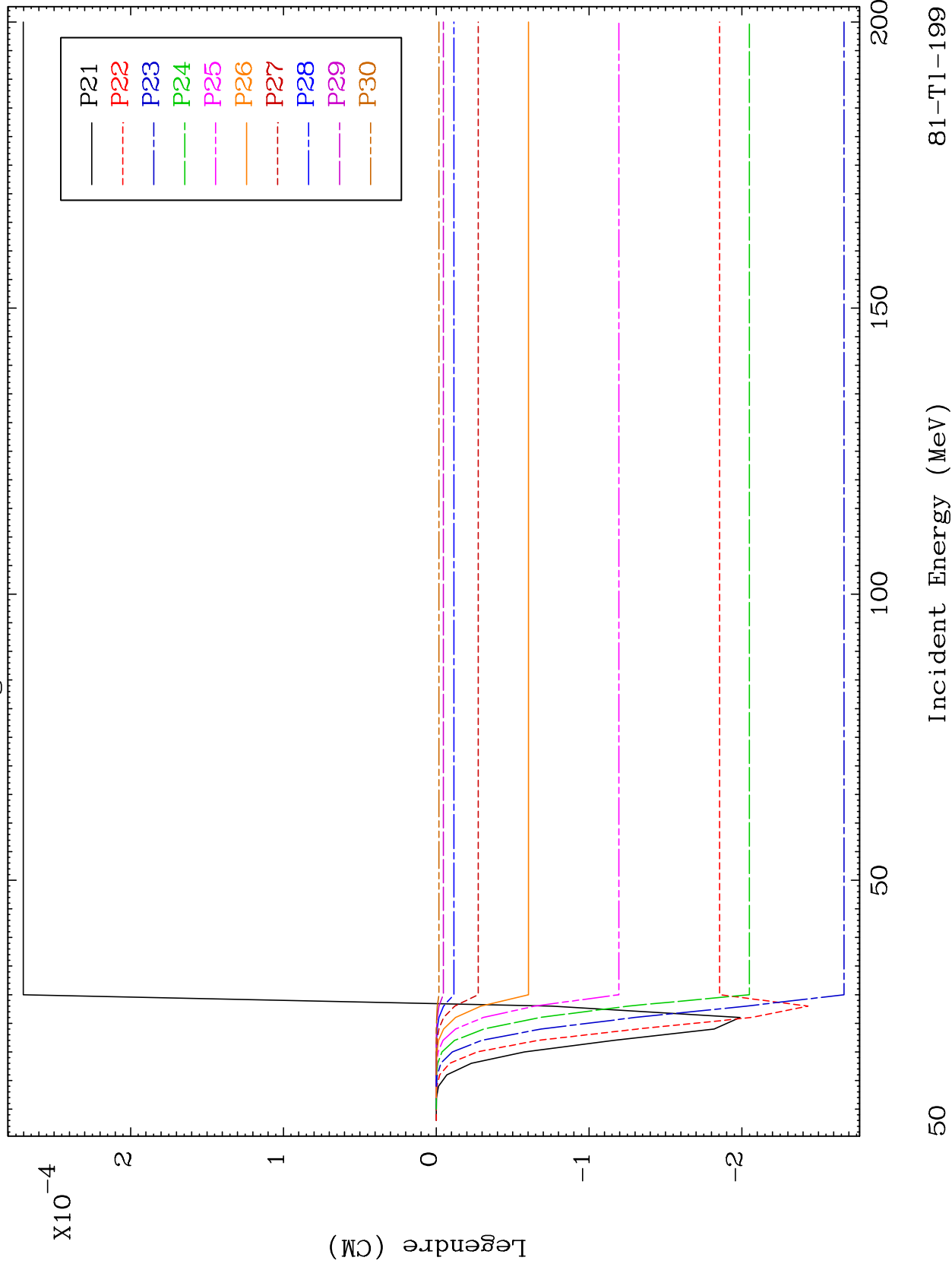
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81-T1-199

MAT 8113

1.395 MeV (n,n') Level
Legendre Coefficients

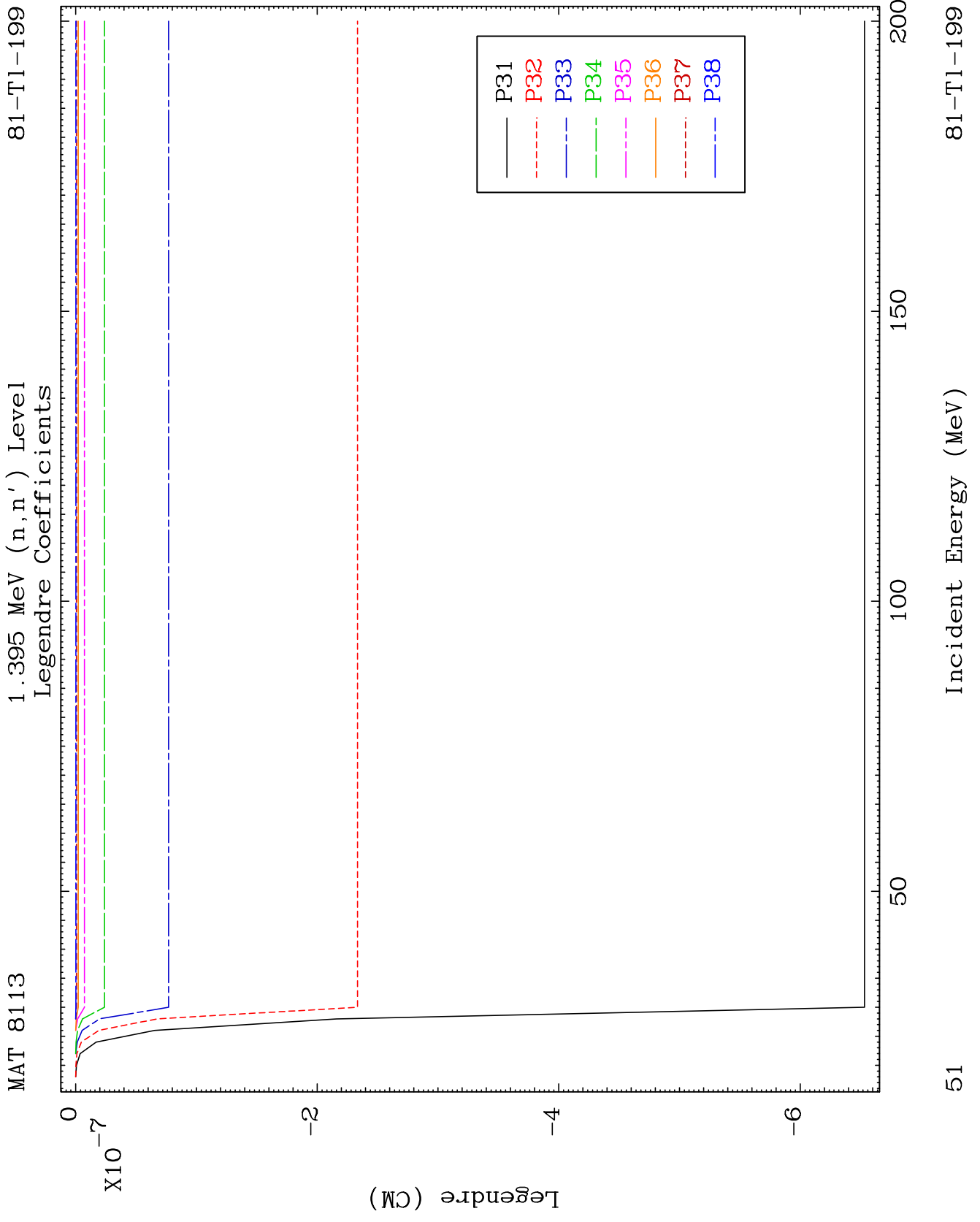
81-T1-199



81-T1-199

Incident Energy (MeV)

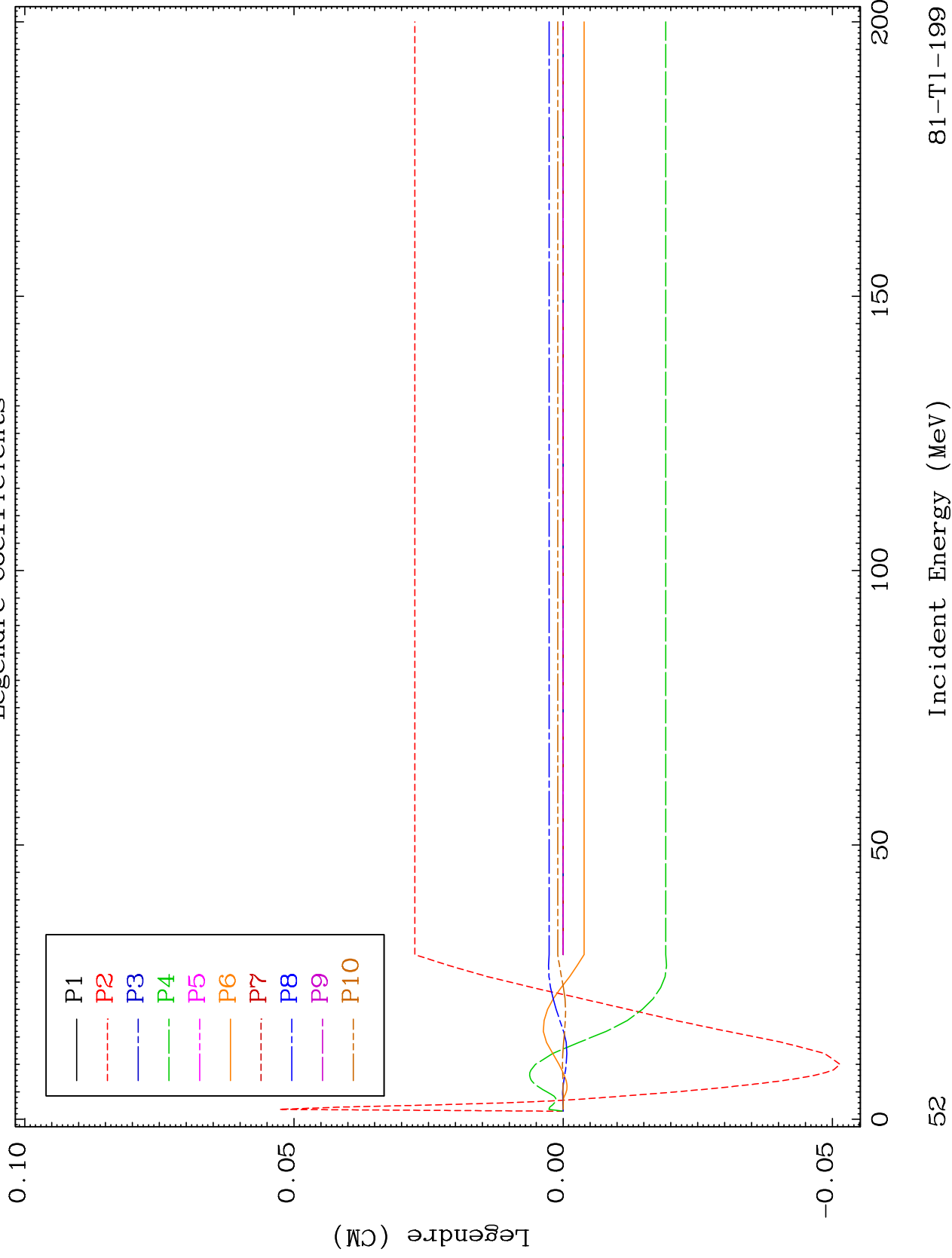
50



MAT 8113

1.450 MeV (n,n') Level
Legendre Coefficients

81-T1-199



52

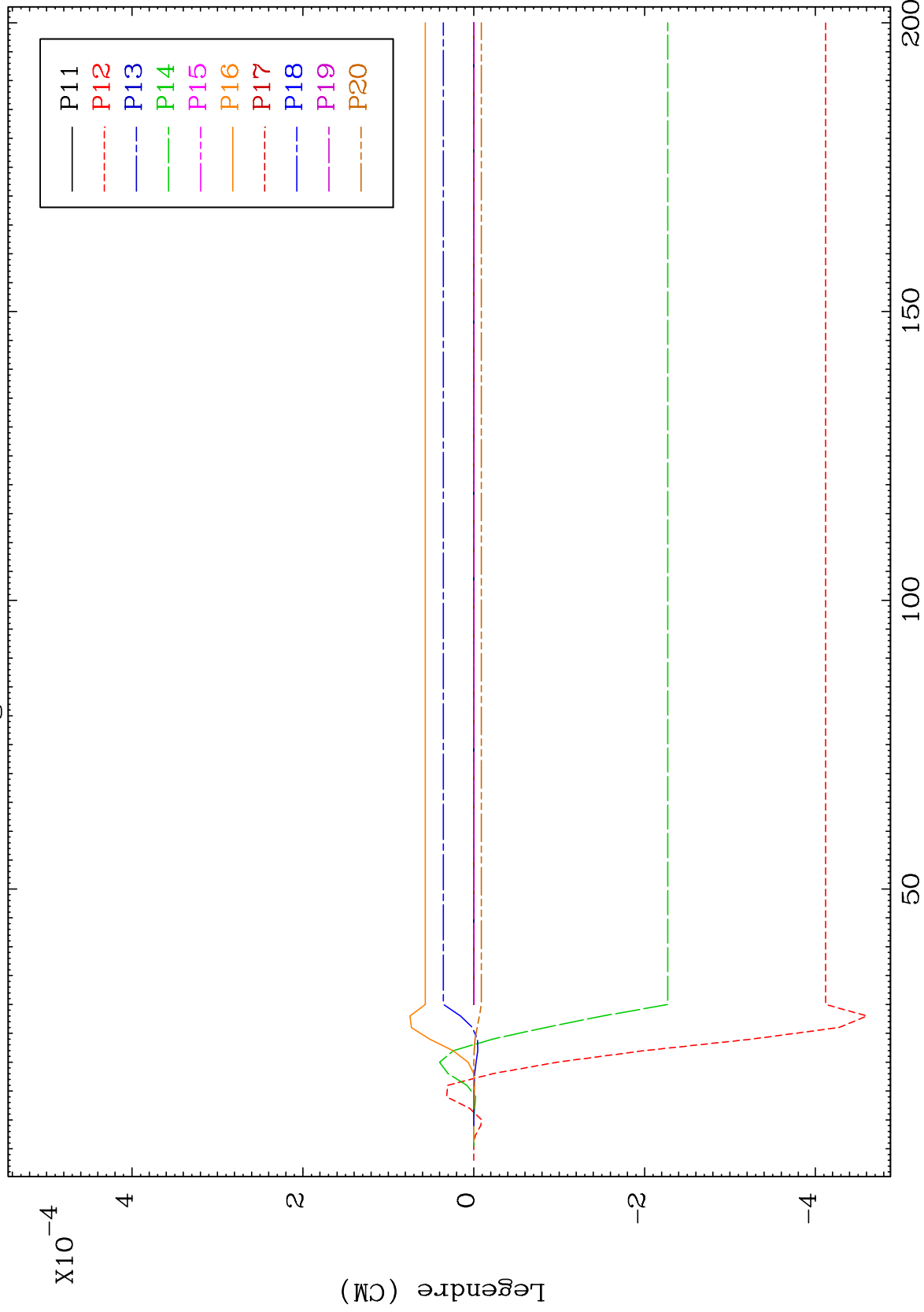
Incident Energy (MeV)

81-T1-199

MAT 8113

1.450 MeV (n,n') Level
Legendre Coefficients

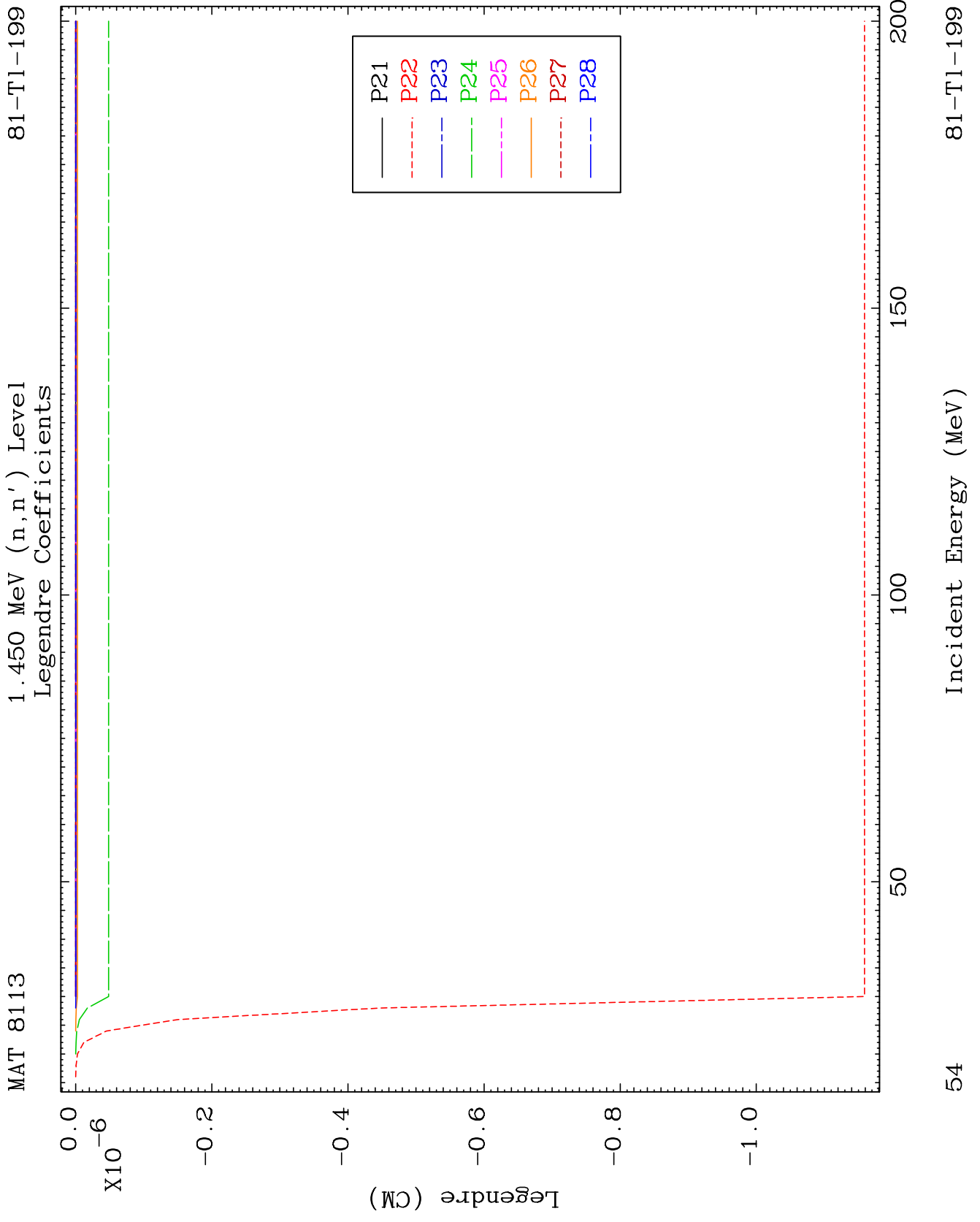
81-T1-199



53

Incident Energy (MeV)

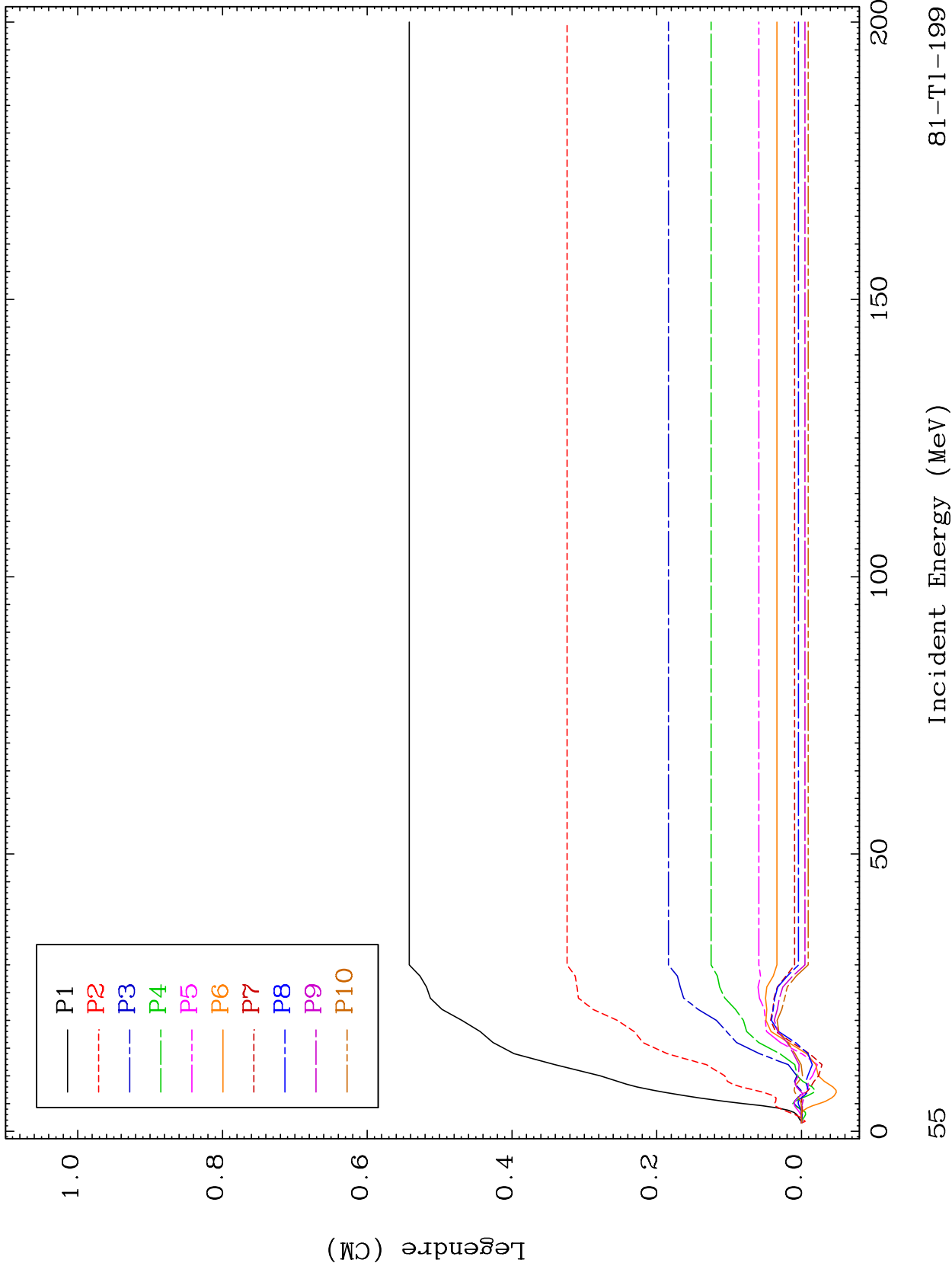
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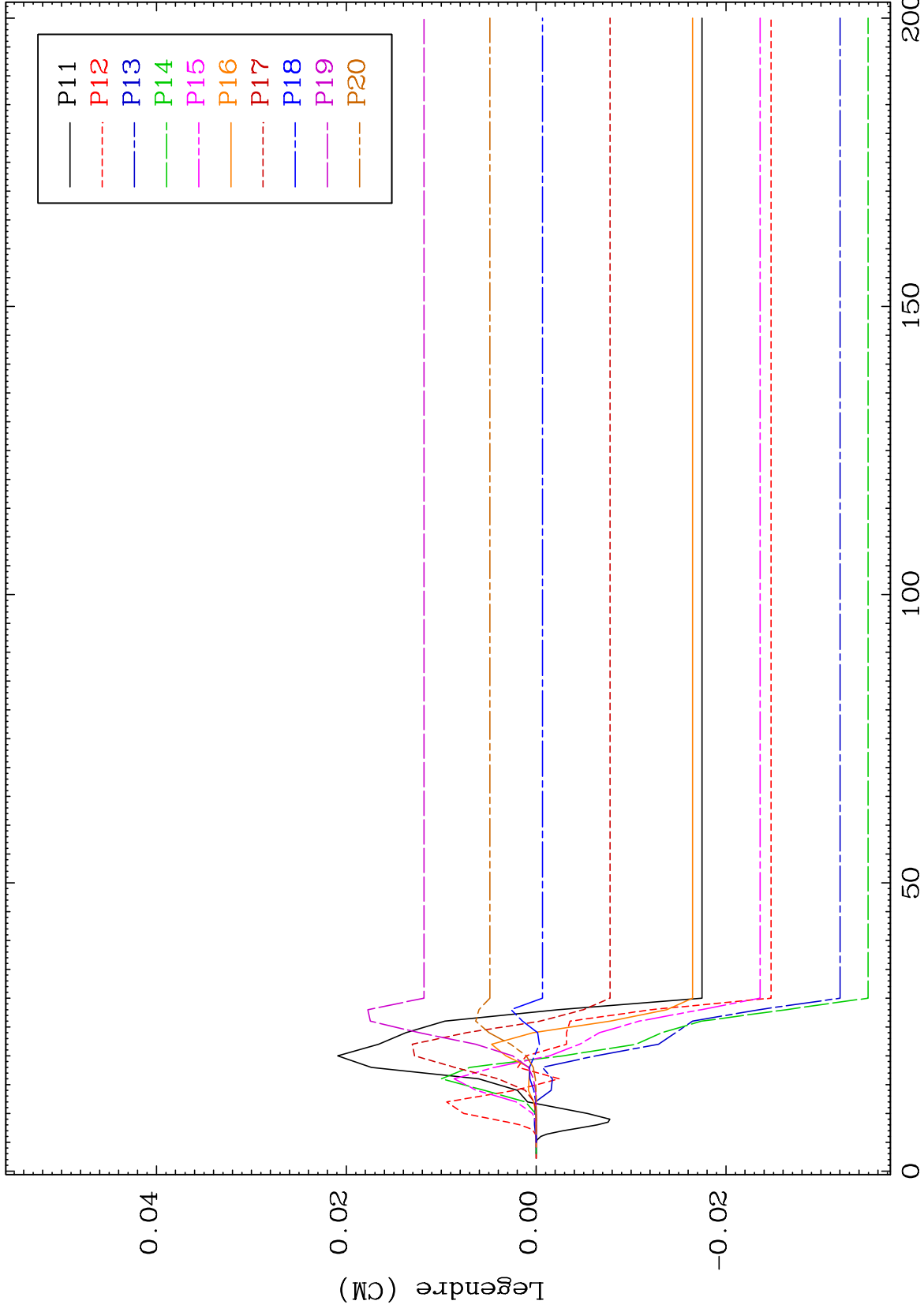


MAT 8113

1.482 MeV (n,n') Level
Legendre Coefficients

81-T1-199

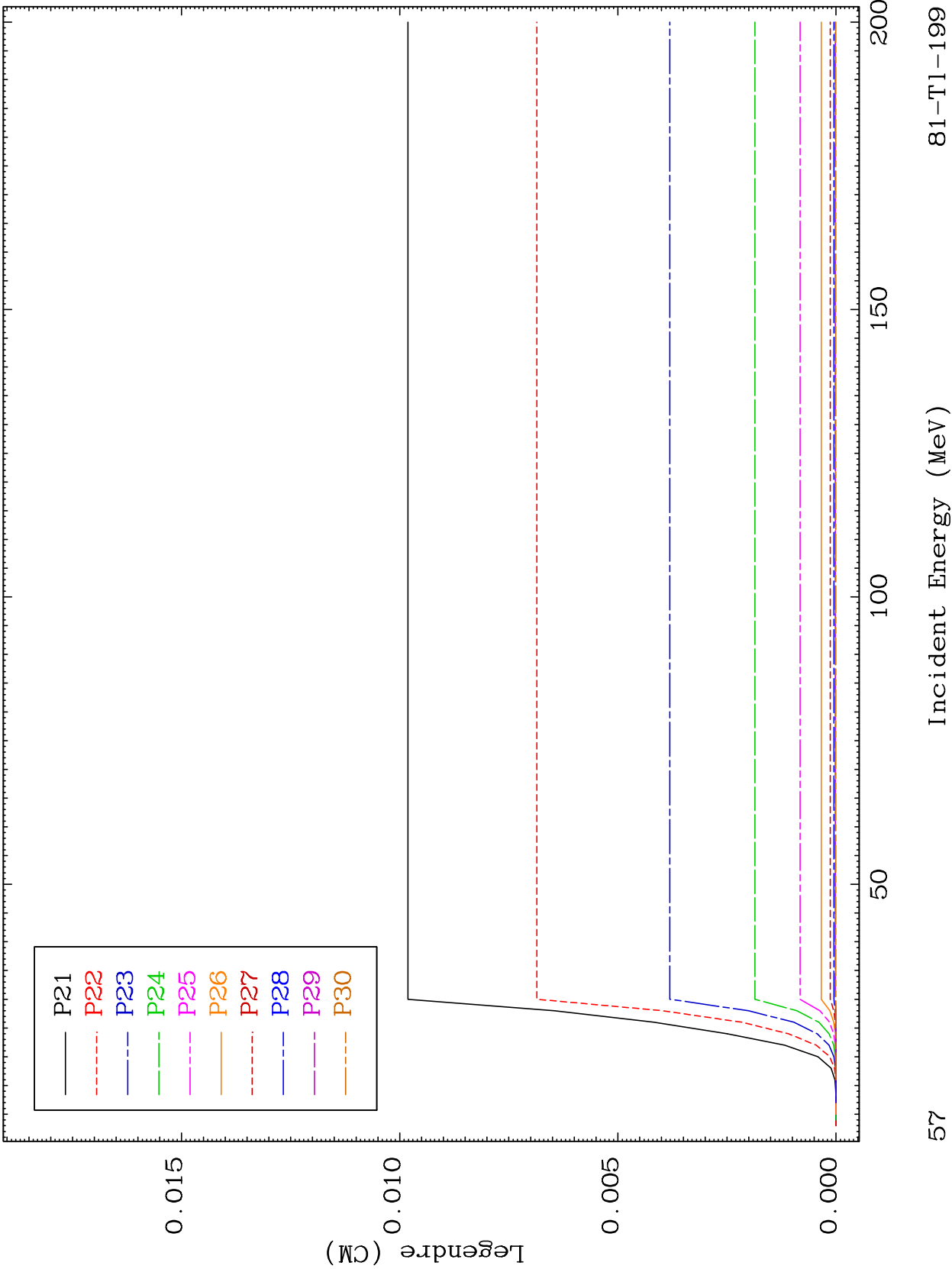




MAT 8113

1.482 MeV (n,n') Level
Legendre Coefficients

81-T1-199



57

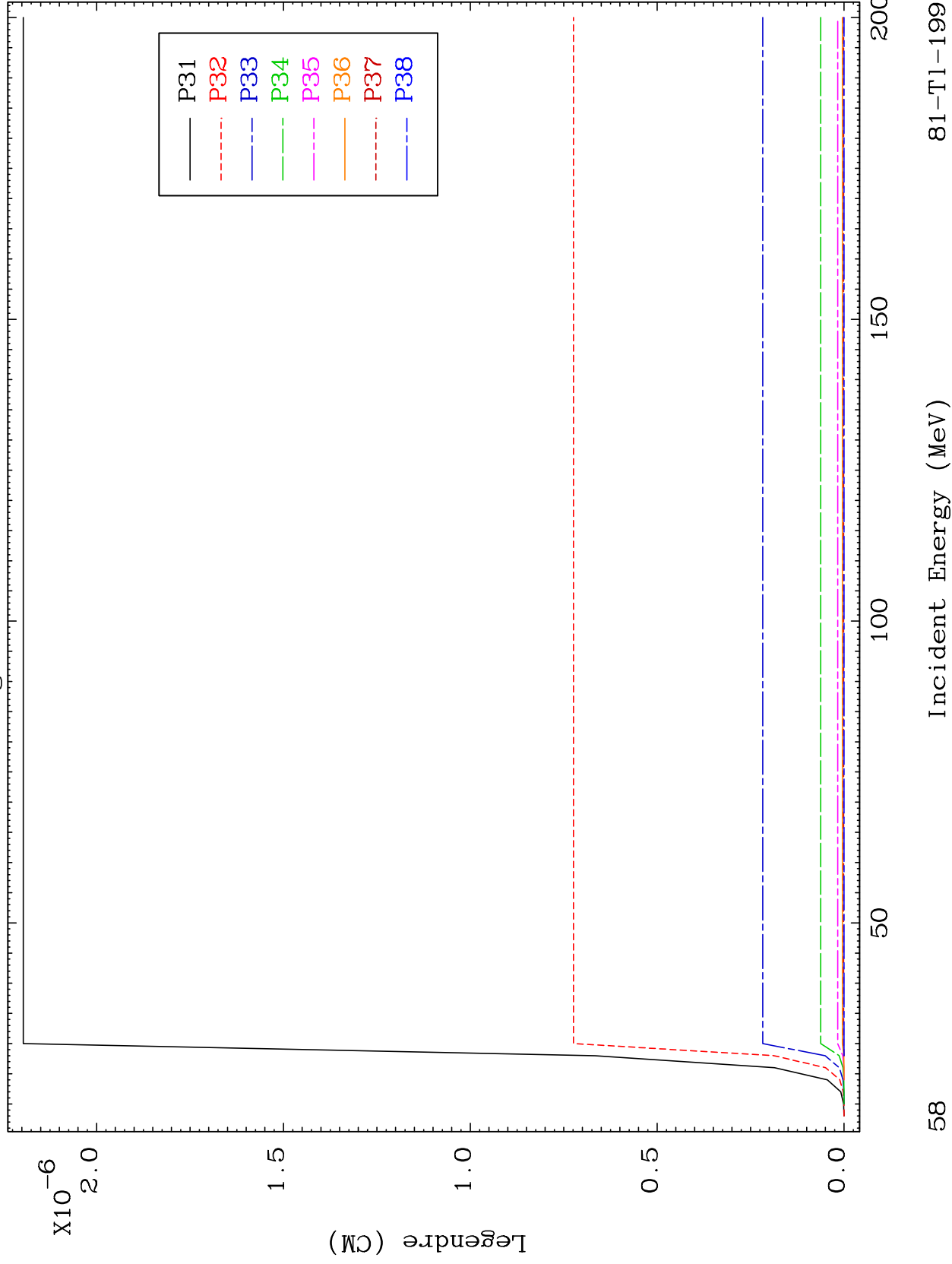
Incident Energy (MeV)

81-T1-199

MAT 8113

1.482 MeV (n,n') Level
Legendre Coefficients

81-T1-199



81-T1-199

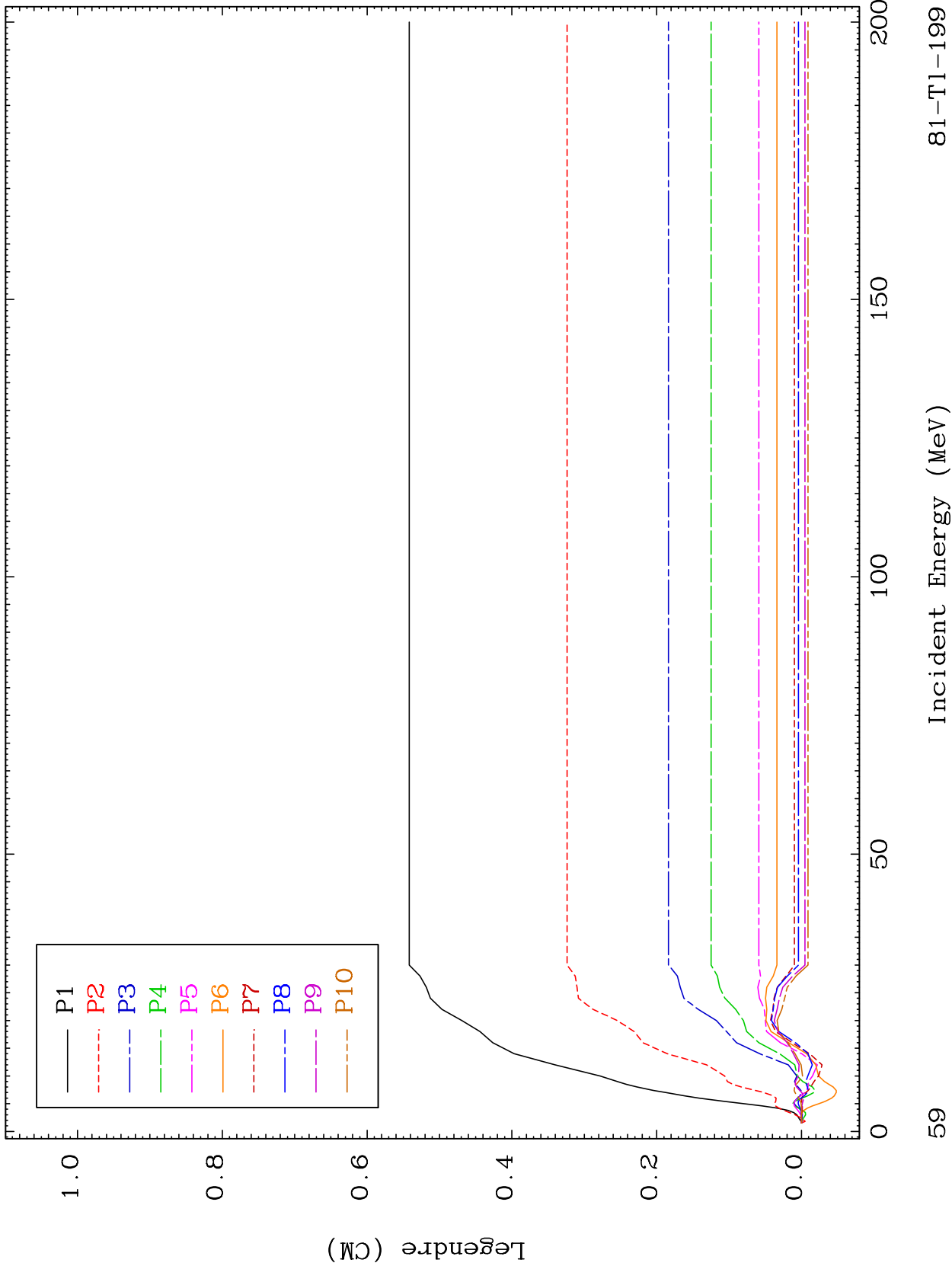
Incident Energy (MeV)

58

MAT 8113

1.502 MeV (n,n') Level
Legendre Coefficients

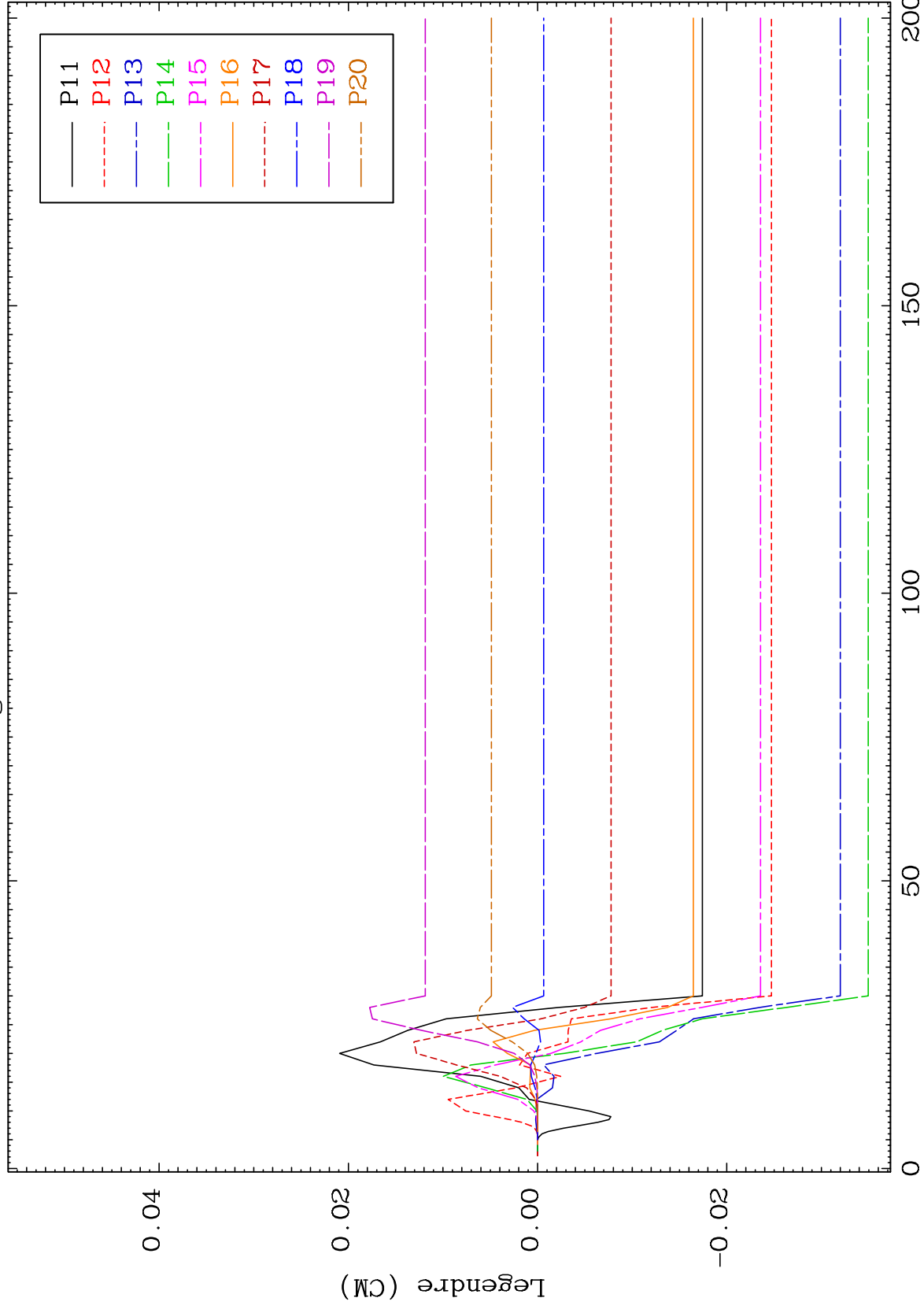
81-T1-199



MAT 81113

1.502 MeV (n,n') Level
Legendre Coefficients

81-T1-199



81-T1-199

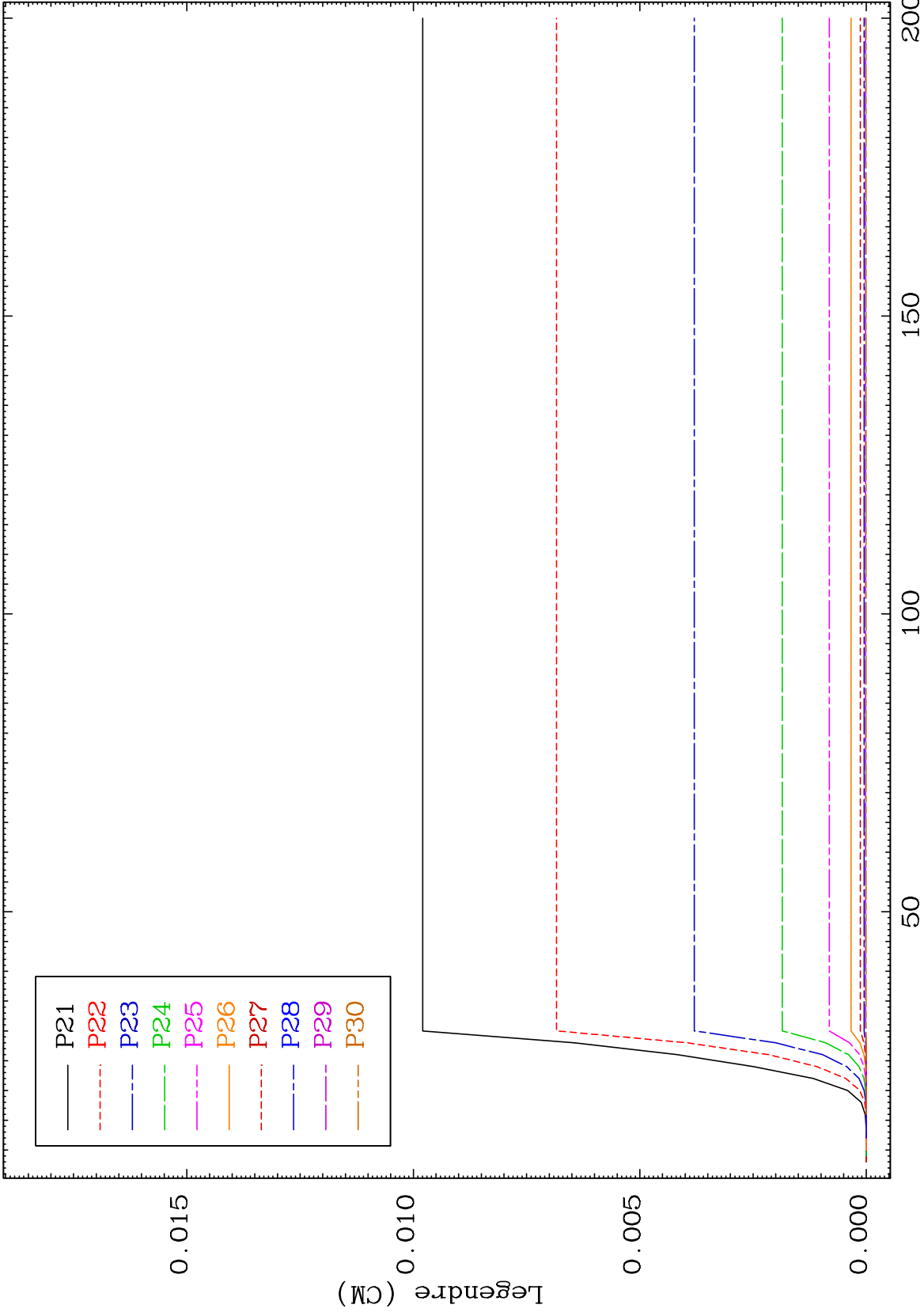
Incident Energy (MeV)

60

MAT 8113

1.502 MeV (n,n') Level
Legendre Coefficients

81-T1-199



61

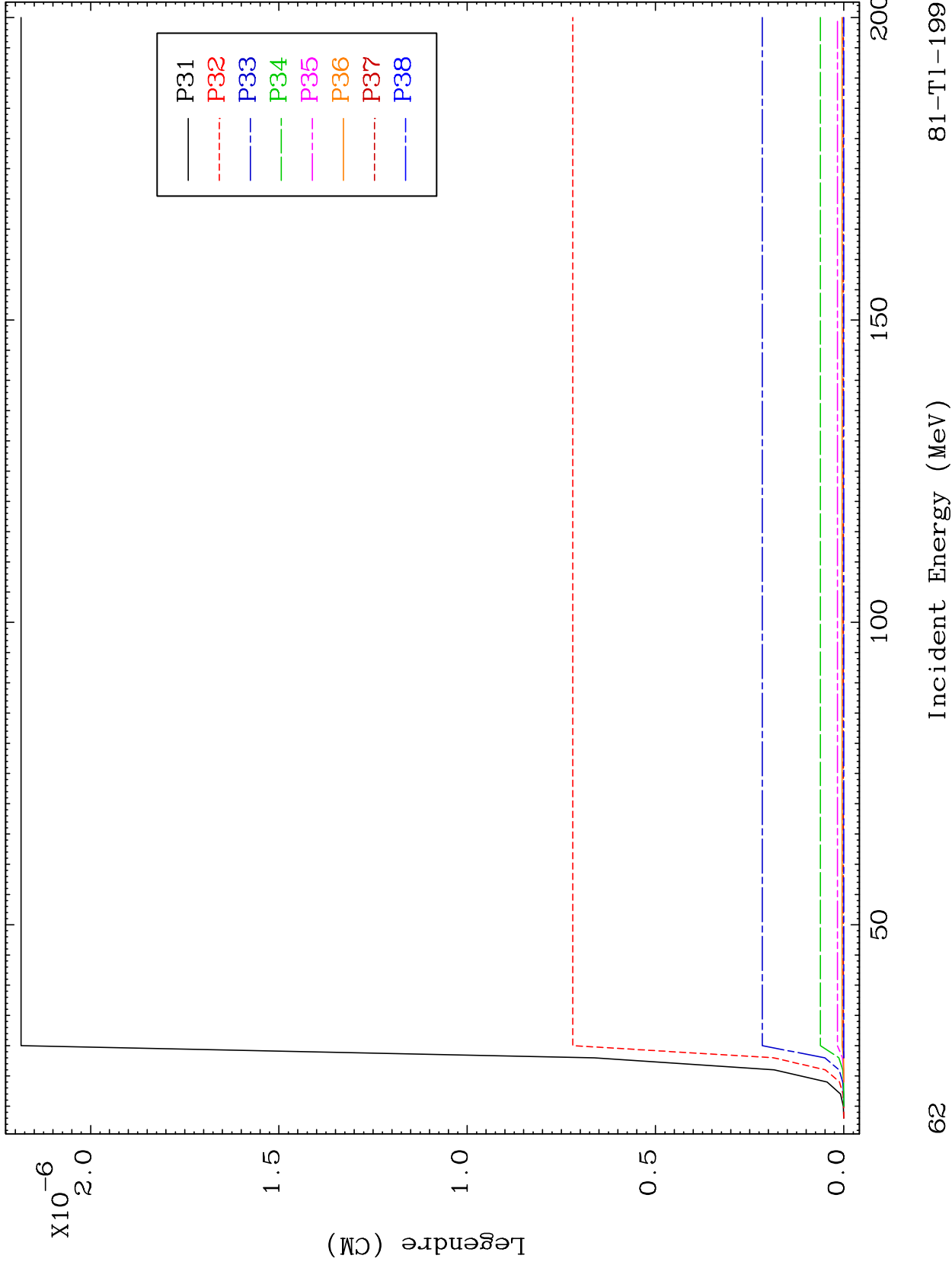
Incident Energy (MeV)

81-T1-199

MAT 8113

1.502 MeV (n, n') Level
Legendre Coefficients

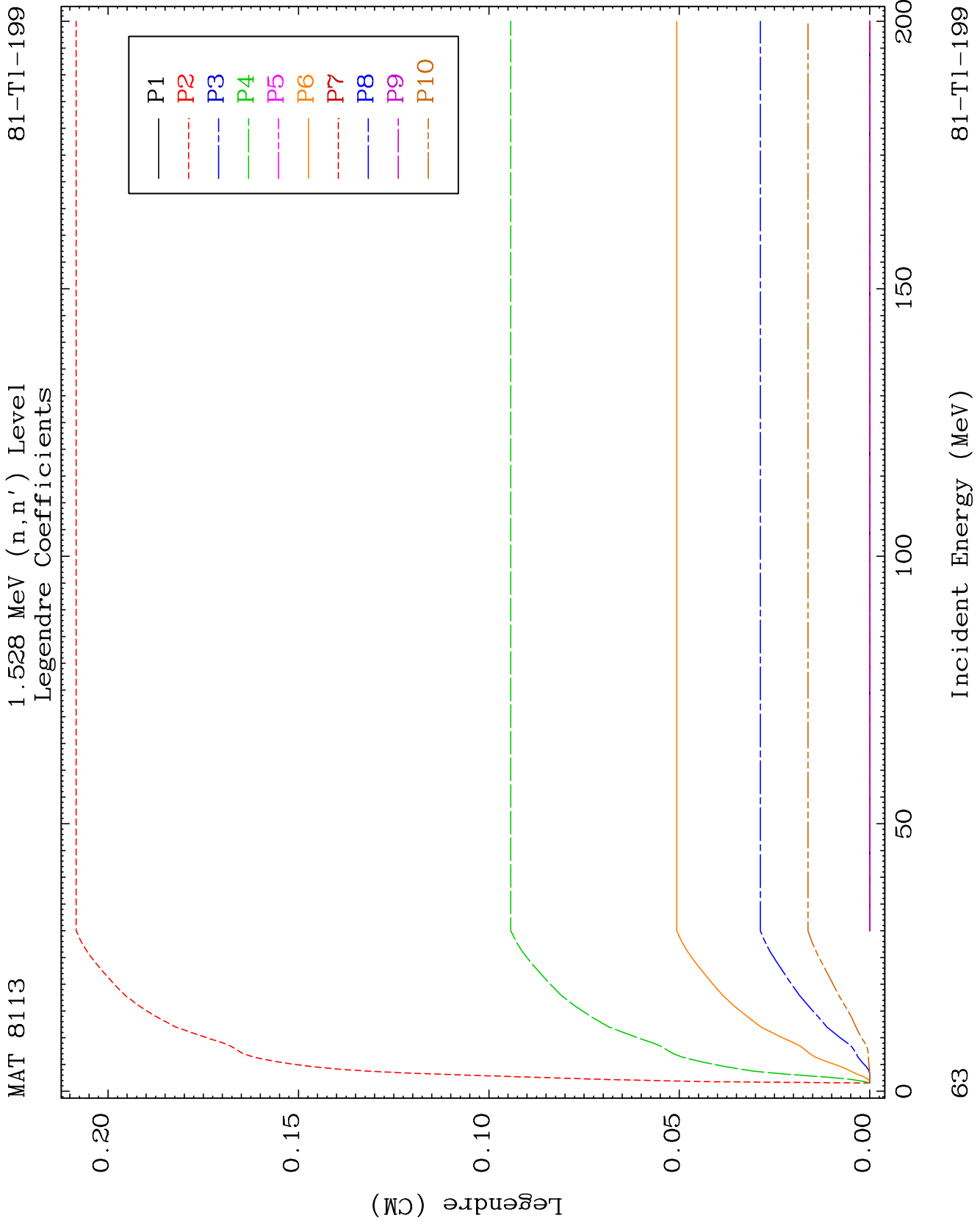
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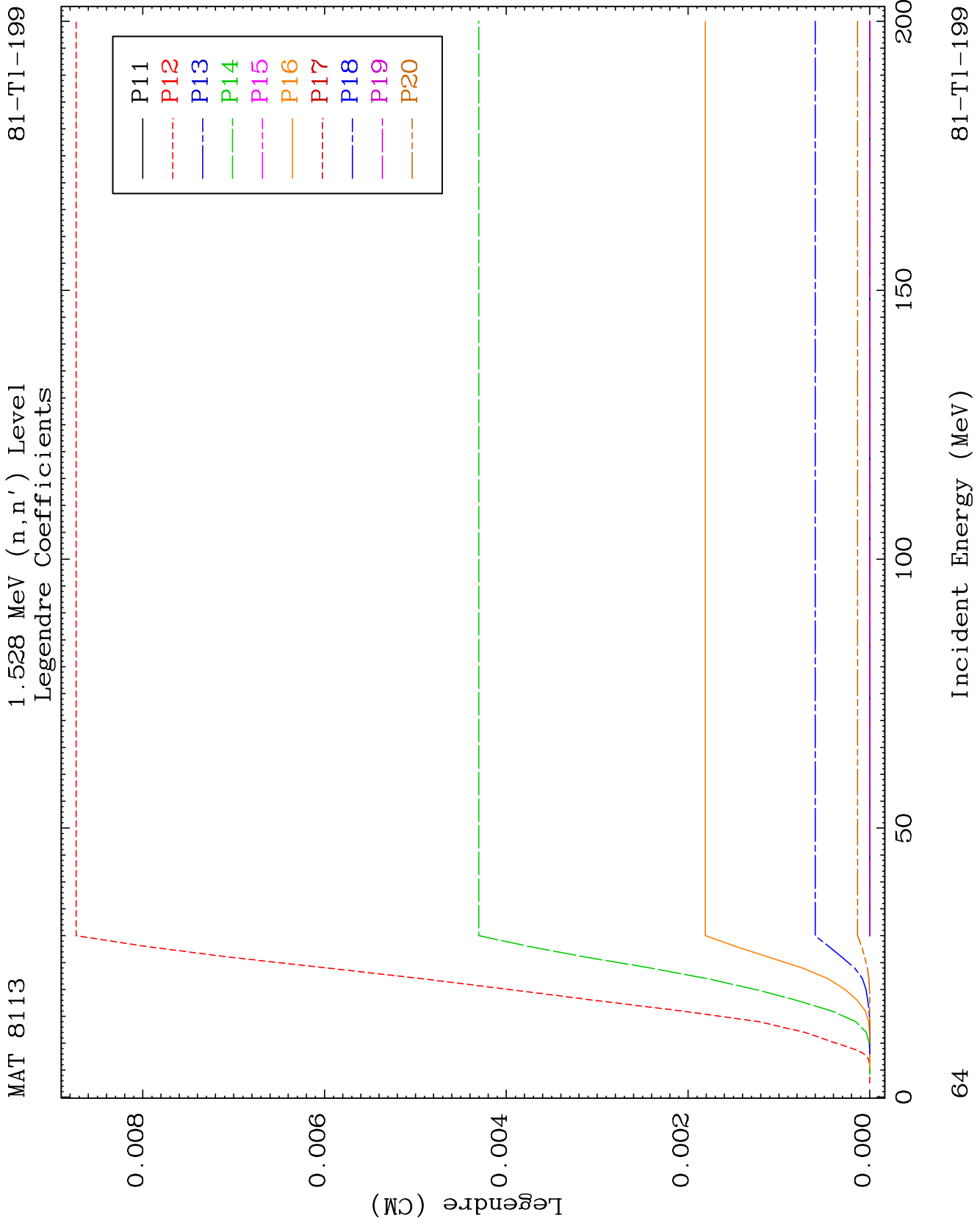


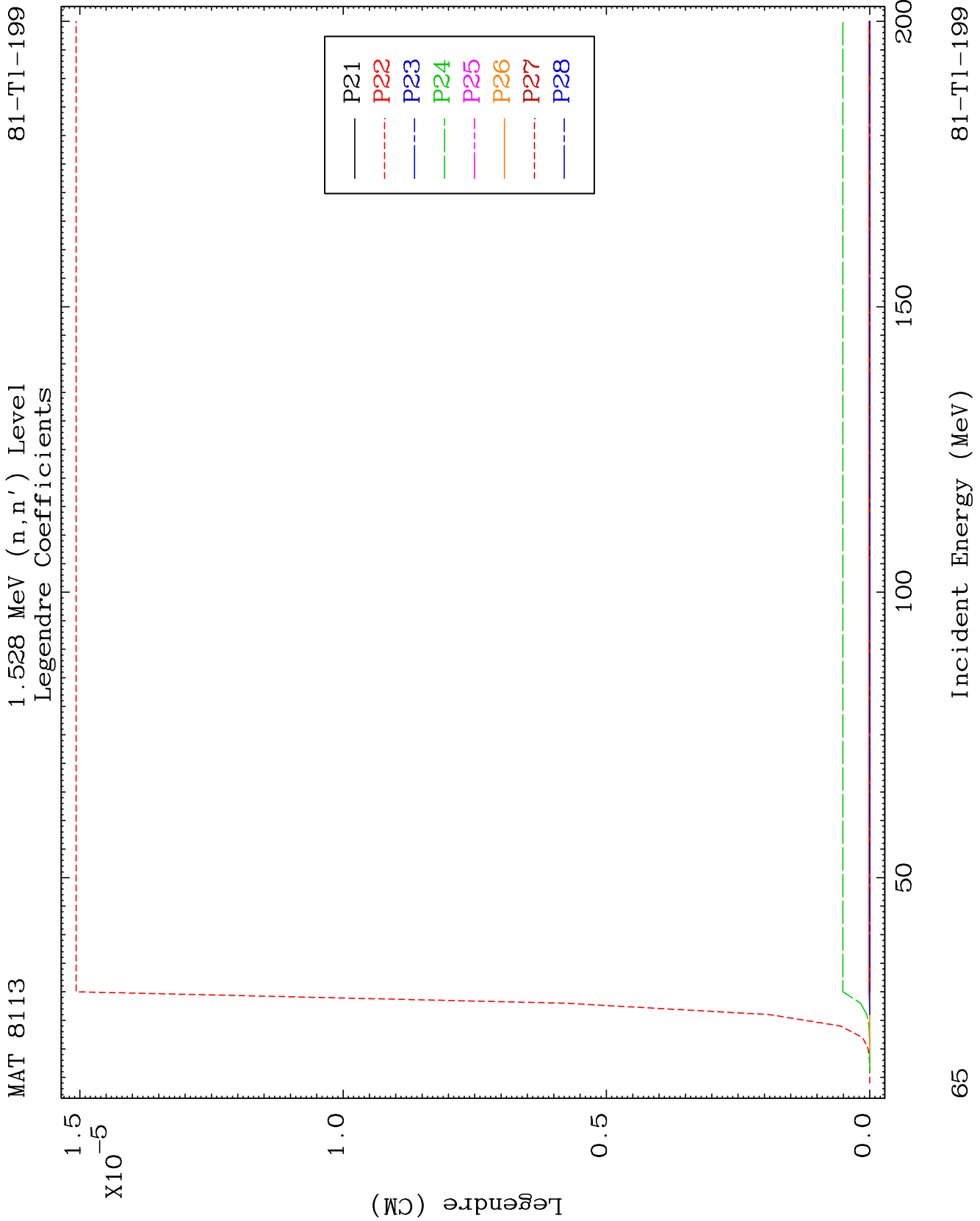
62

Incident Energy (MeV)

81-T1-199



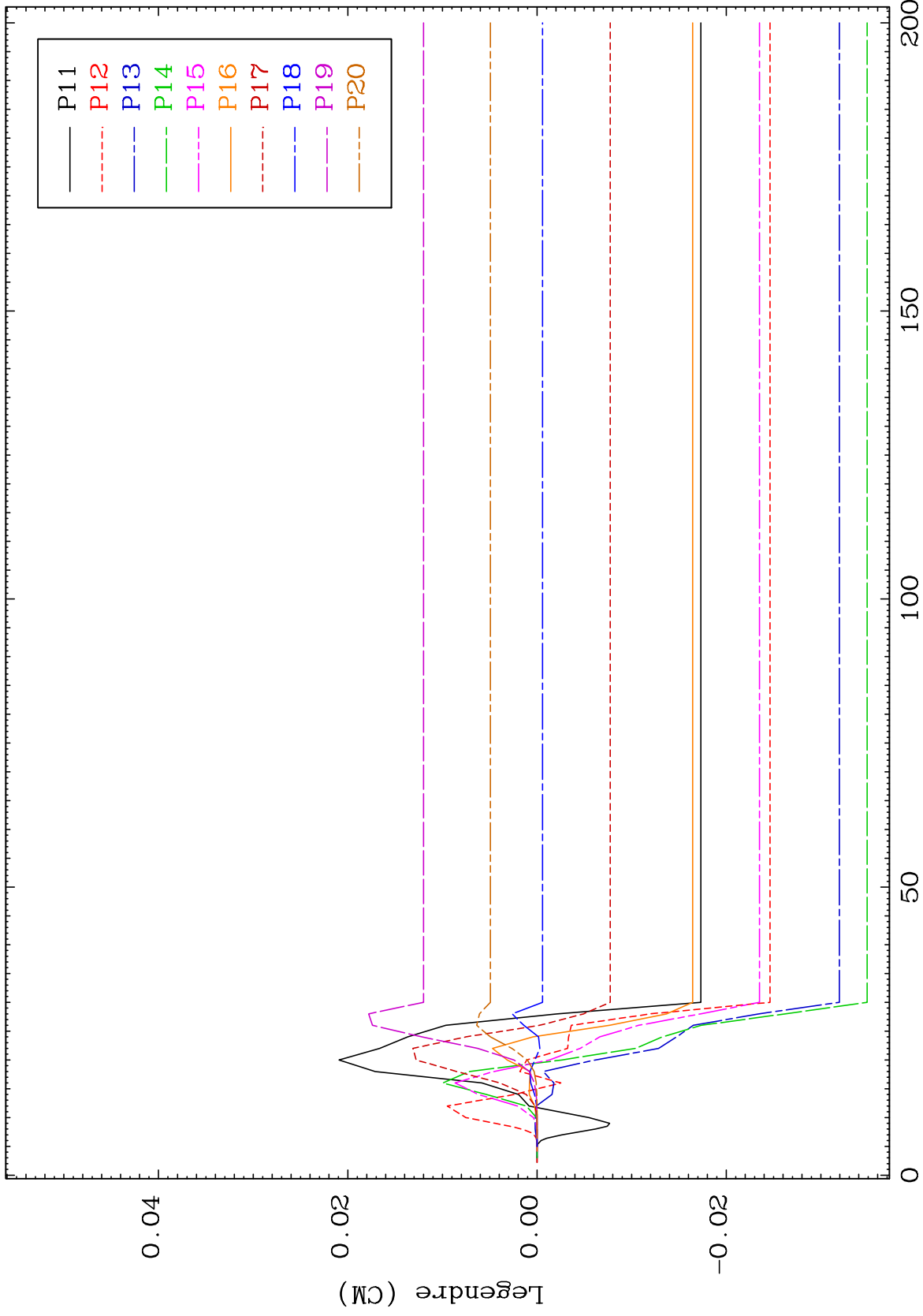




MAT 81113

1.554 MeV (n,n') Level
Legendre Coefficients

81-T1-199



67

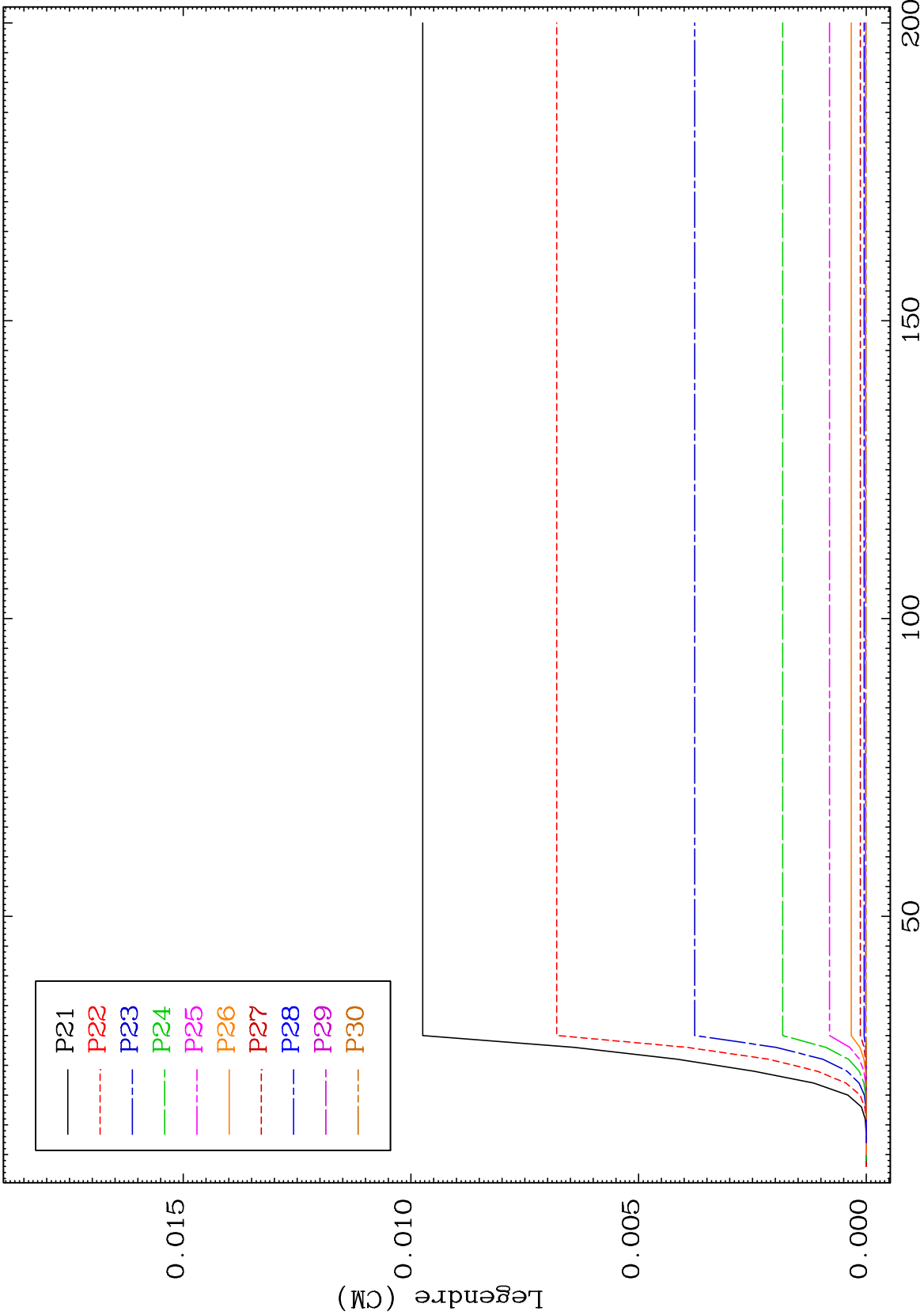
Incident Energy (MeV)

81-T1-199

MAT 8113

1.554 MeV (n,n') Level
Legendre Coefficients

81-T1-199



68

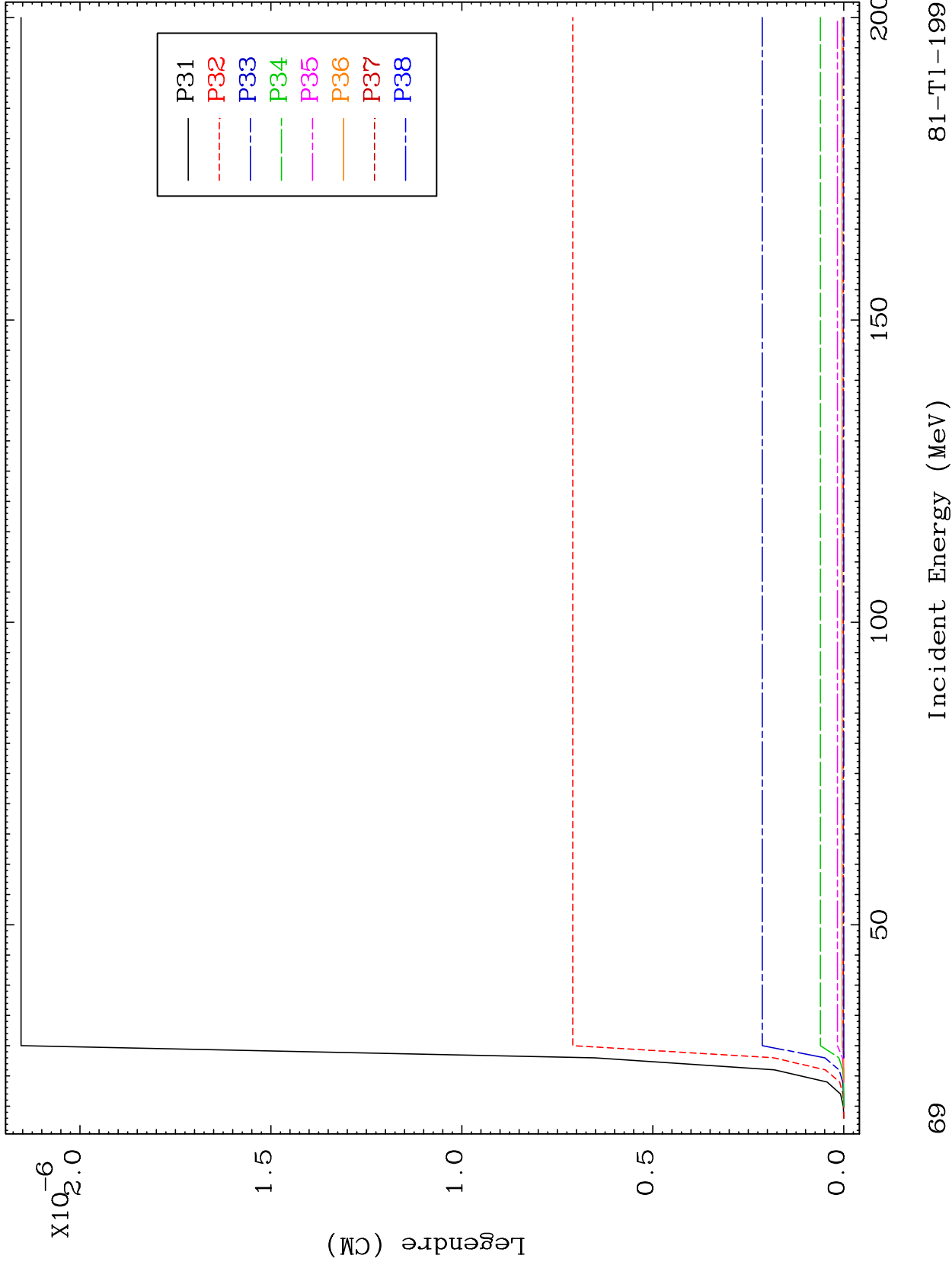
Incident Energy (MeV)

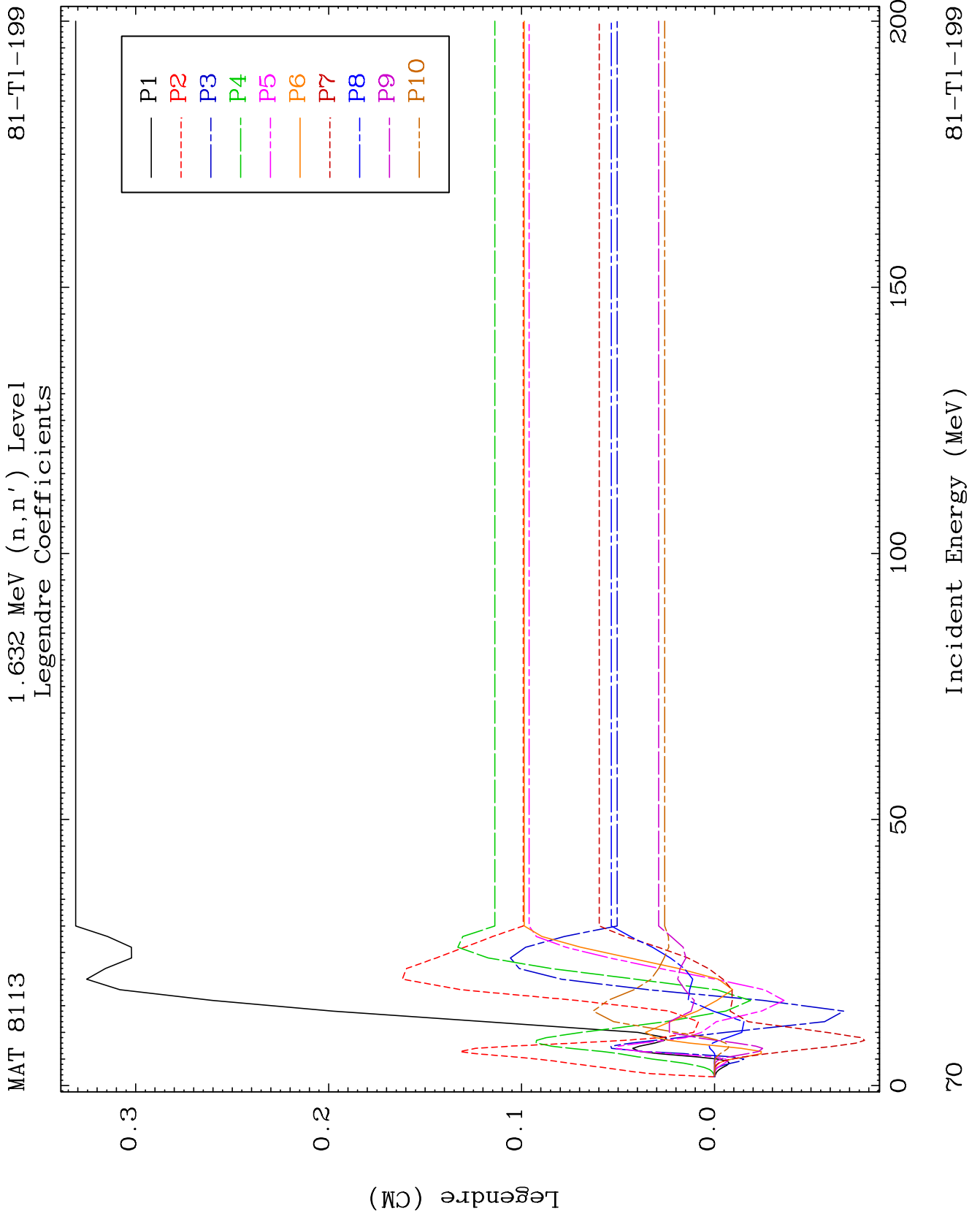
81-T1-199

MAT 8113

1.554 MeV (n,n') Level
Legendre Coefficients

81-T1-199

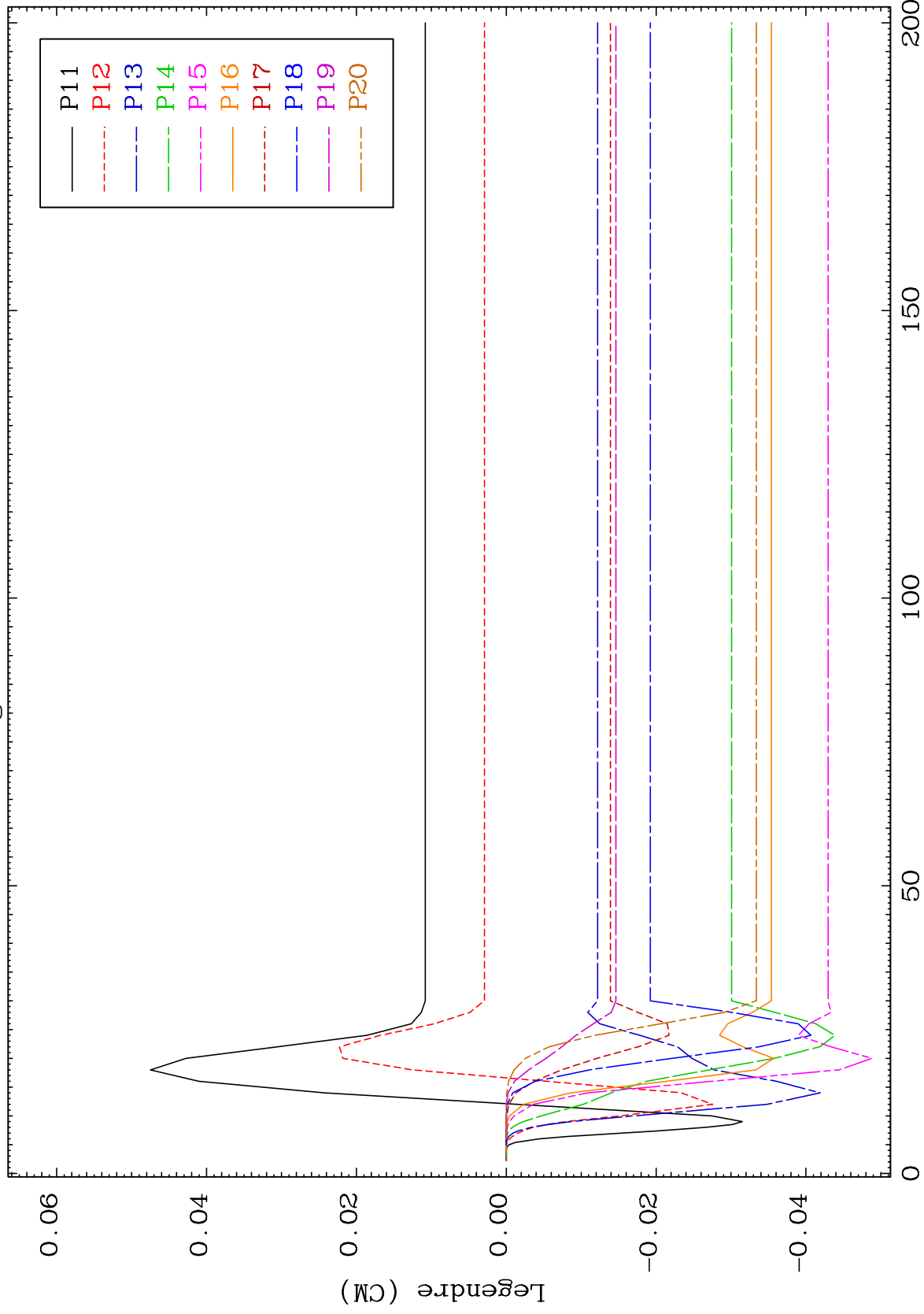




MAT 81113

1.632 MeV (n,n') Level
Legendre Coefficients

81-T1-199



71

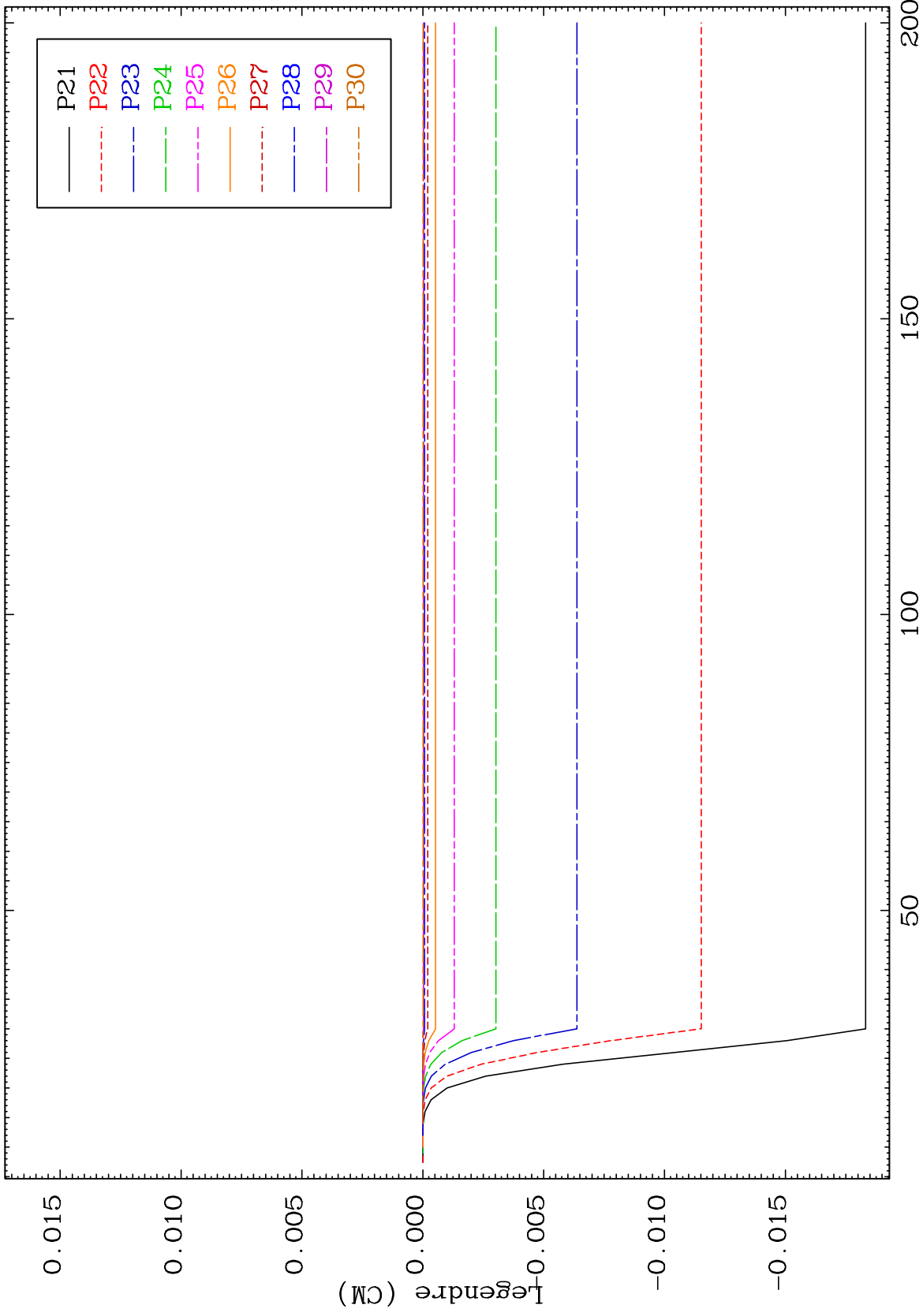
Incident Energy (MeV)

81-T1-199

MAT 81113

1.632 MeV (n,n') Level
Legendre Coefficients

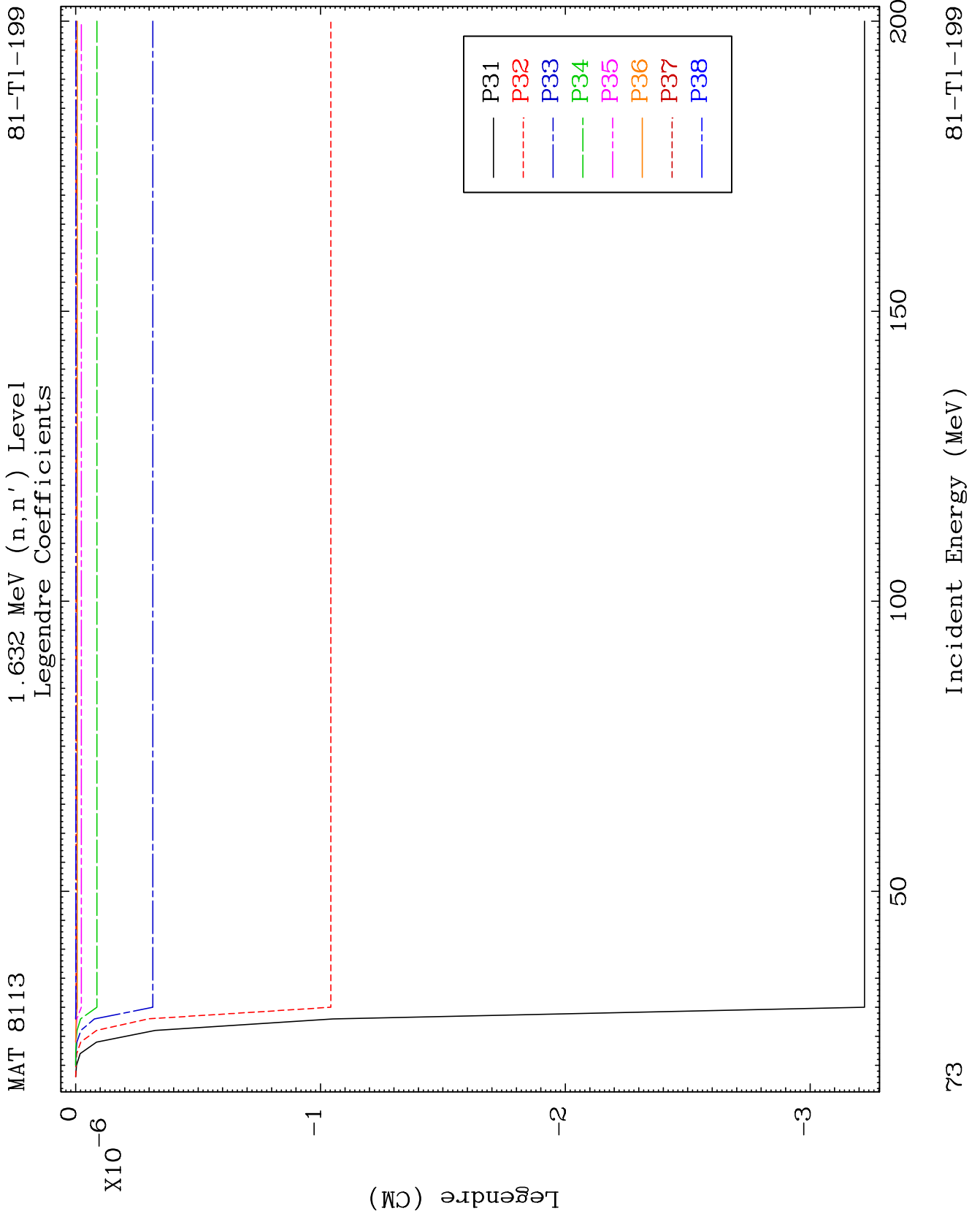
81-T1-199

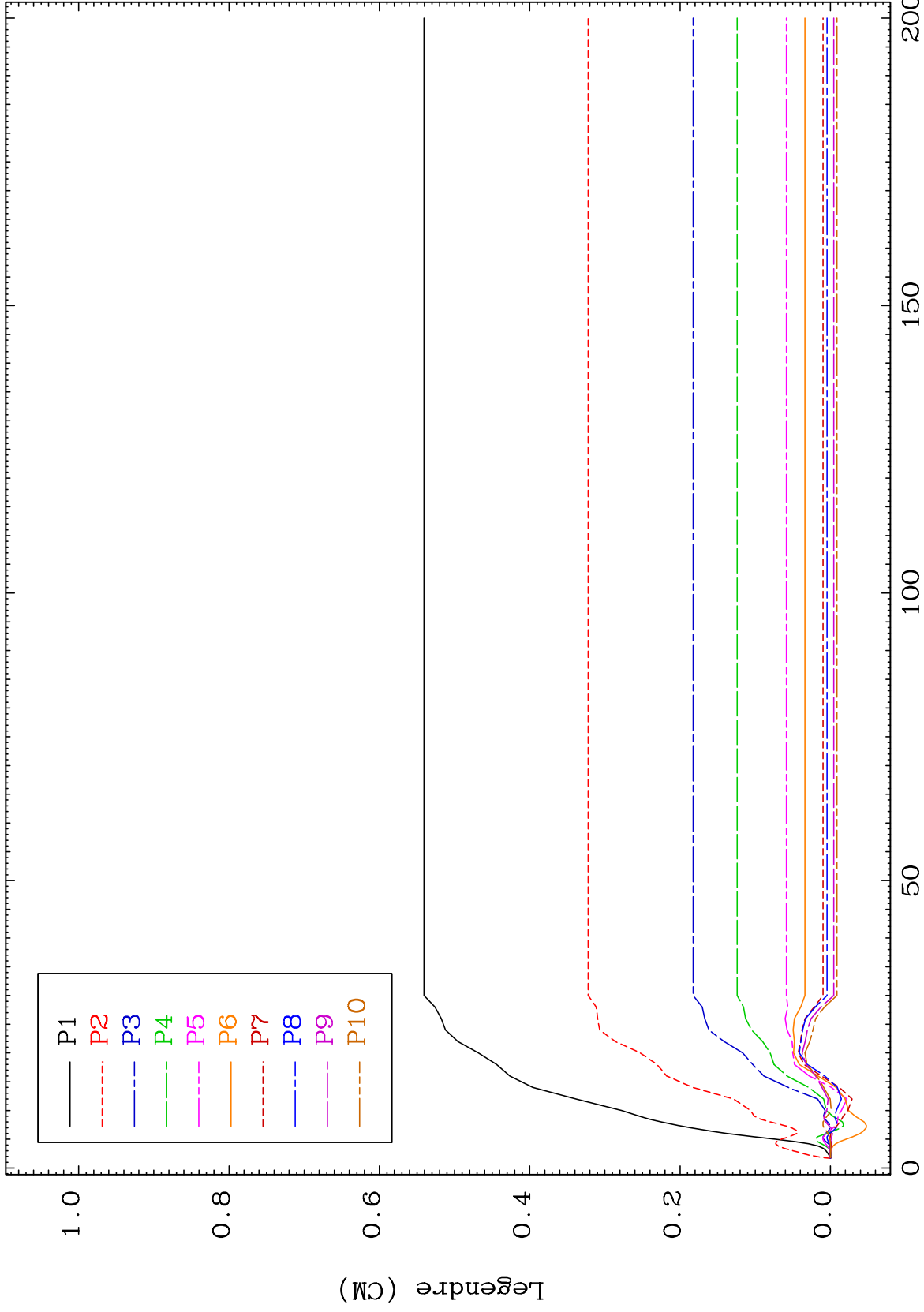


72

Incident Energy (MeV)

81-T1-199

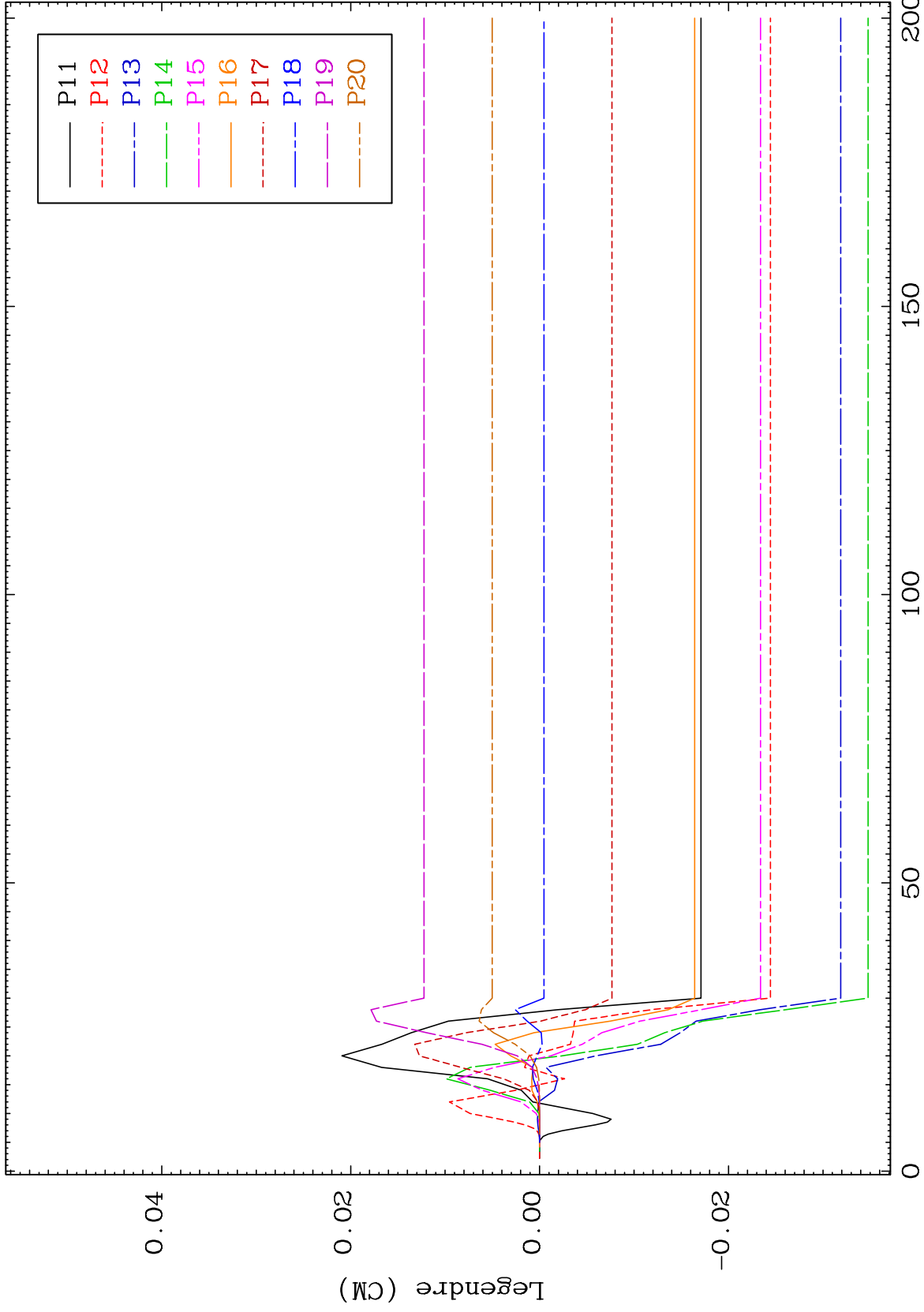




MAT 81113

1.658 MeV (n,n') Level
Legendre Coefficients

81-T1-199



75

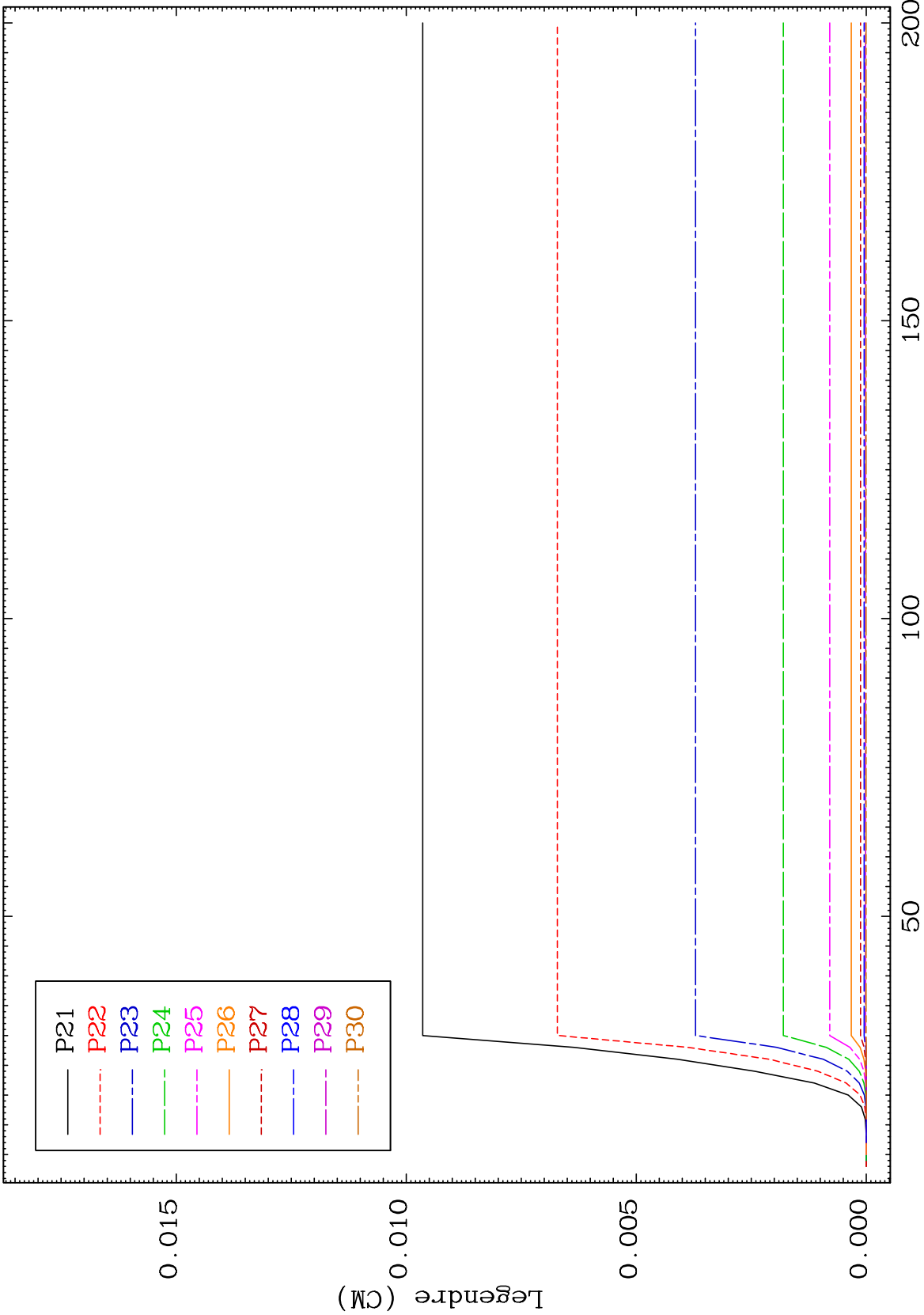
Incident Energy (MeV)

81-T1-199

MAT 8113

1.658 MeV (n,n') Level
Legendre Coefficients

81-T1-199



76

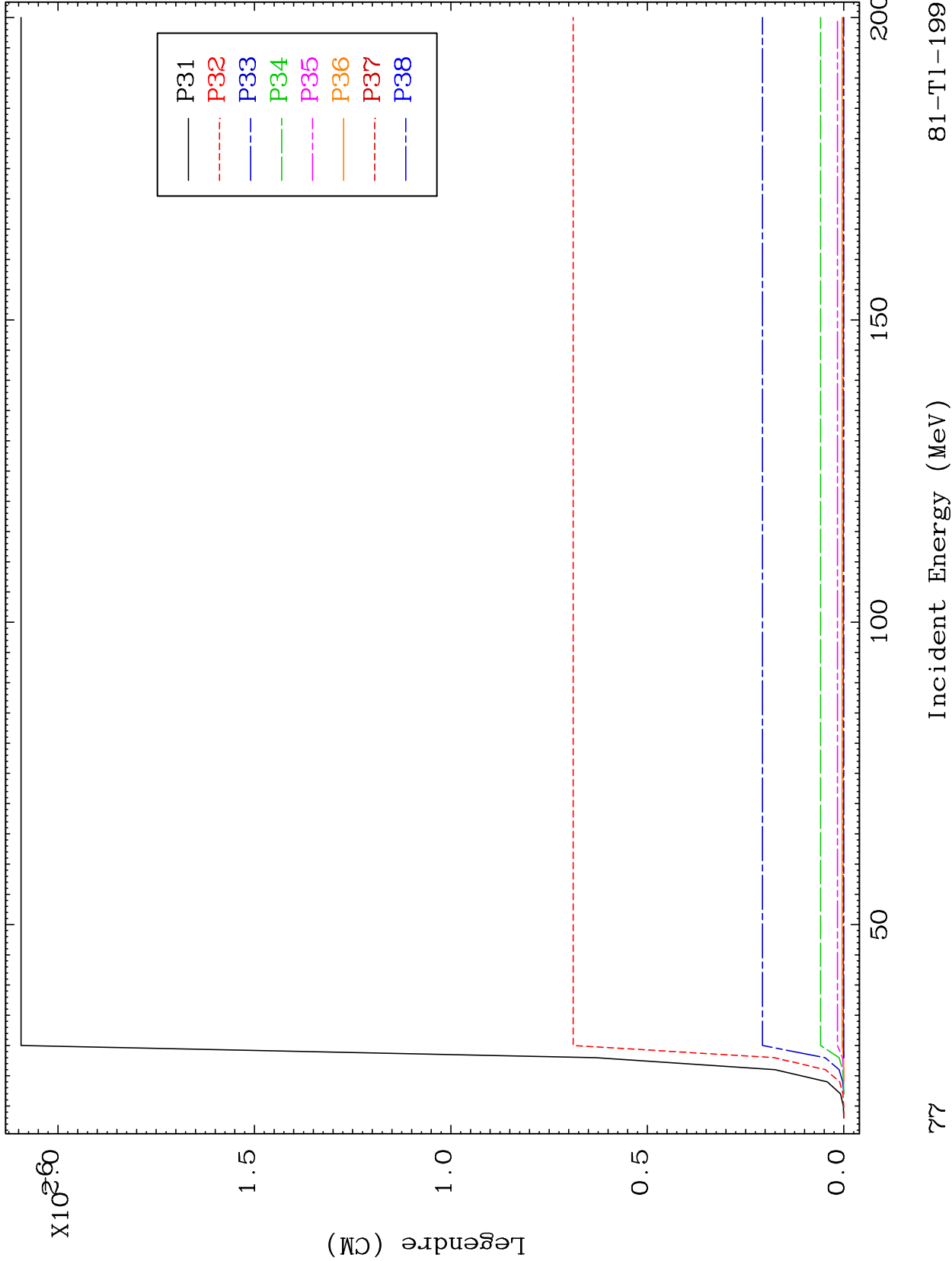
Incident Energy (MeV)

81-T1-199

MAT 8113

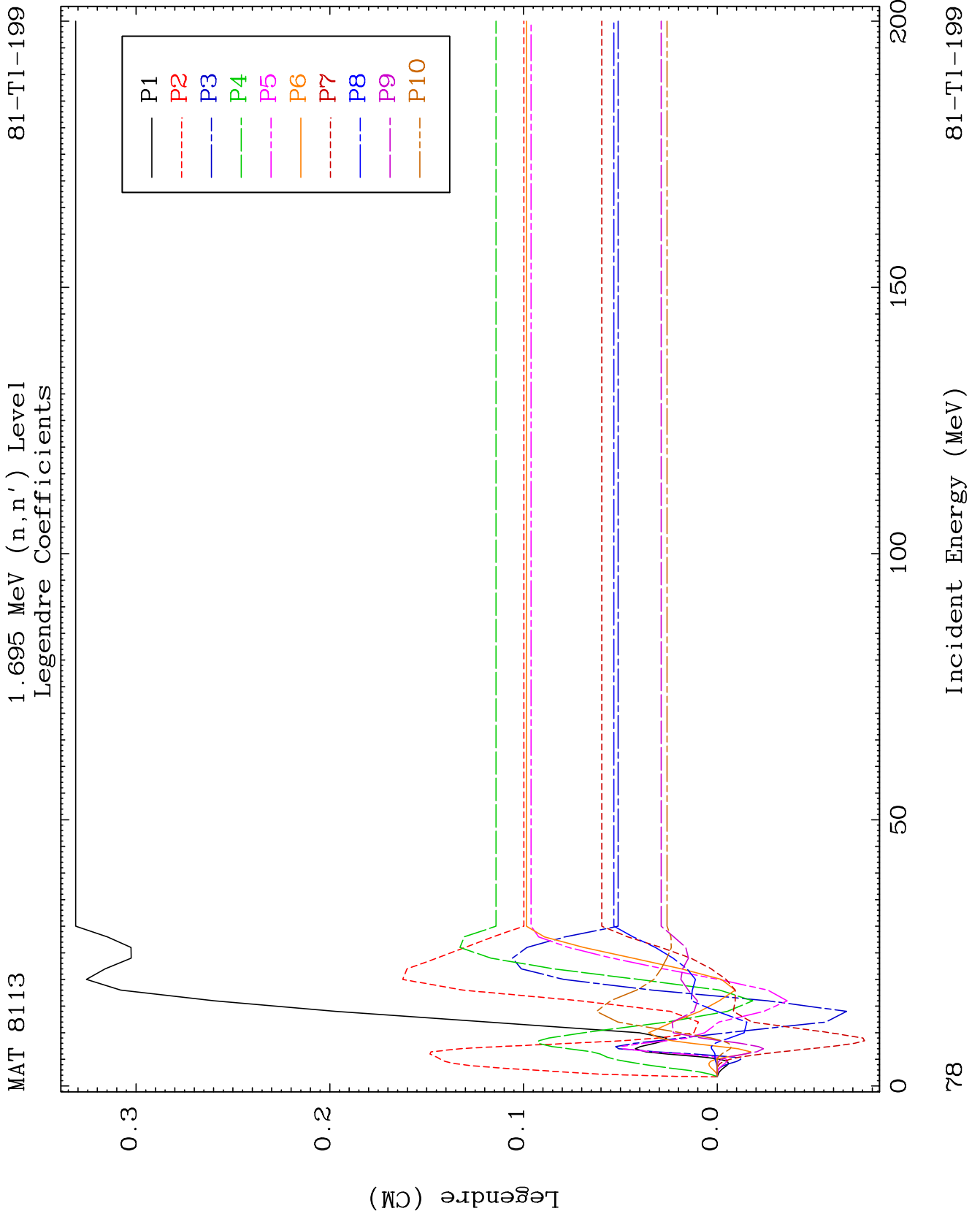
1.658 MeV (n,n') Level
Legendre Coefficients

81-T1-199



77

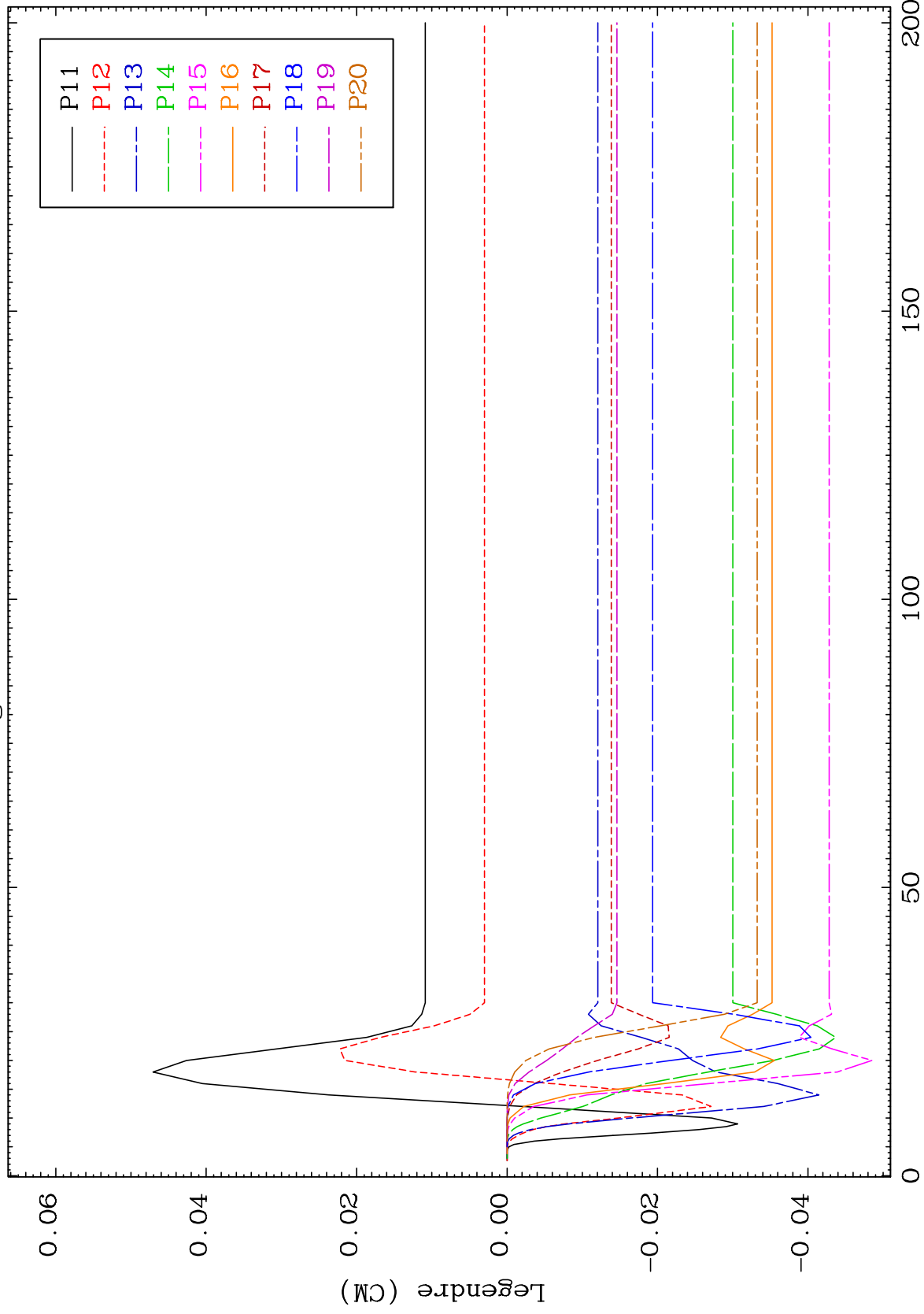
81-T1-199



MAT 81113

1.695 MeV (n,n') Level
Legendre Coefficients

81-T1-199



79

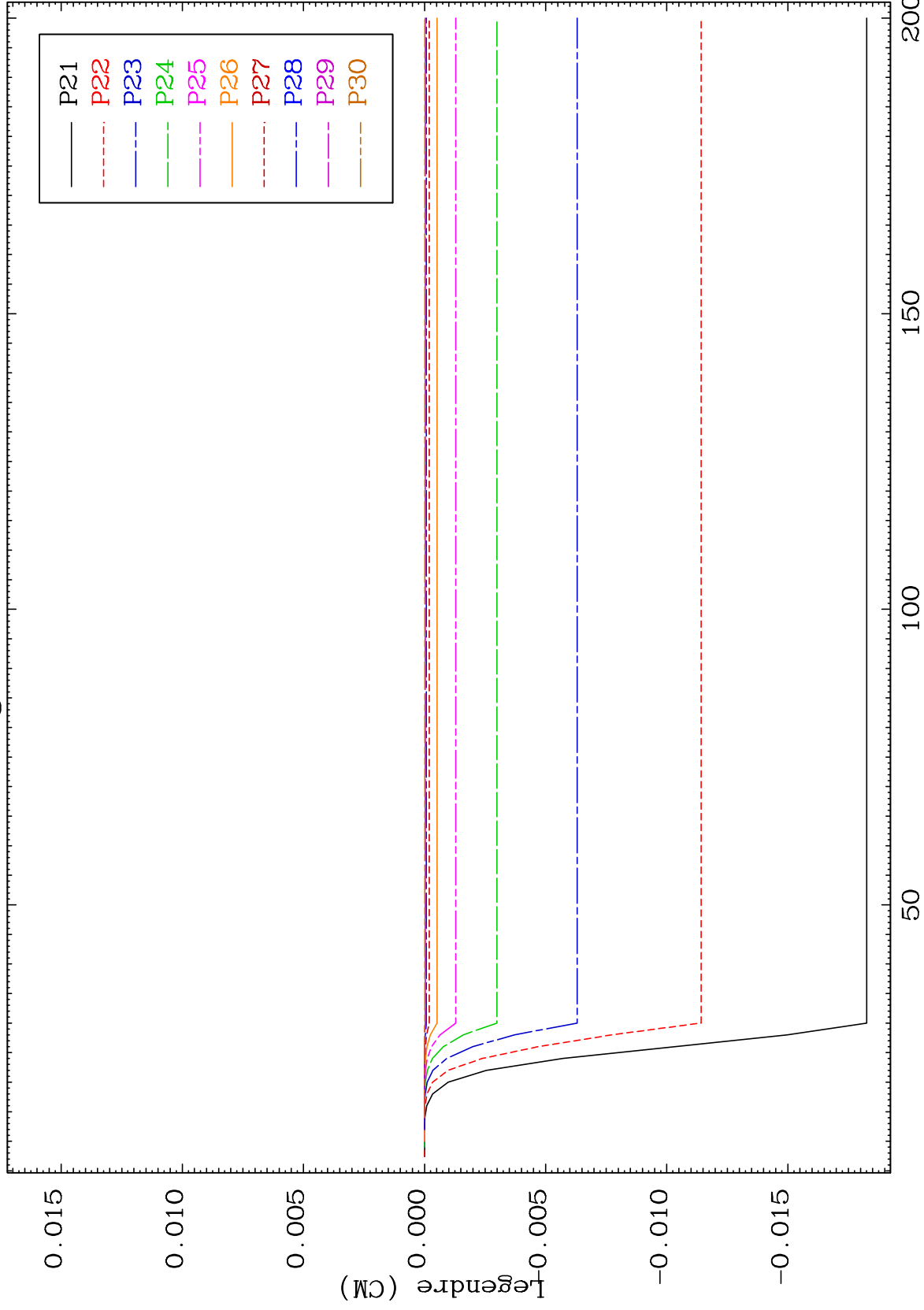
Incident Energy (MeV)

81-T1-199

MAT 81113

1.695 MeV (n,n') Level
Legendre Coefficients

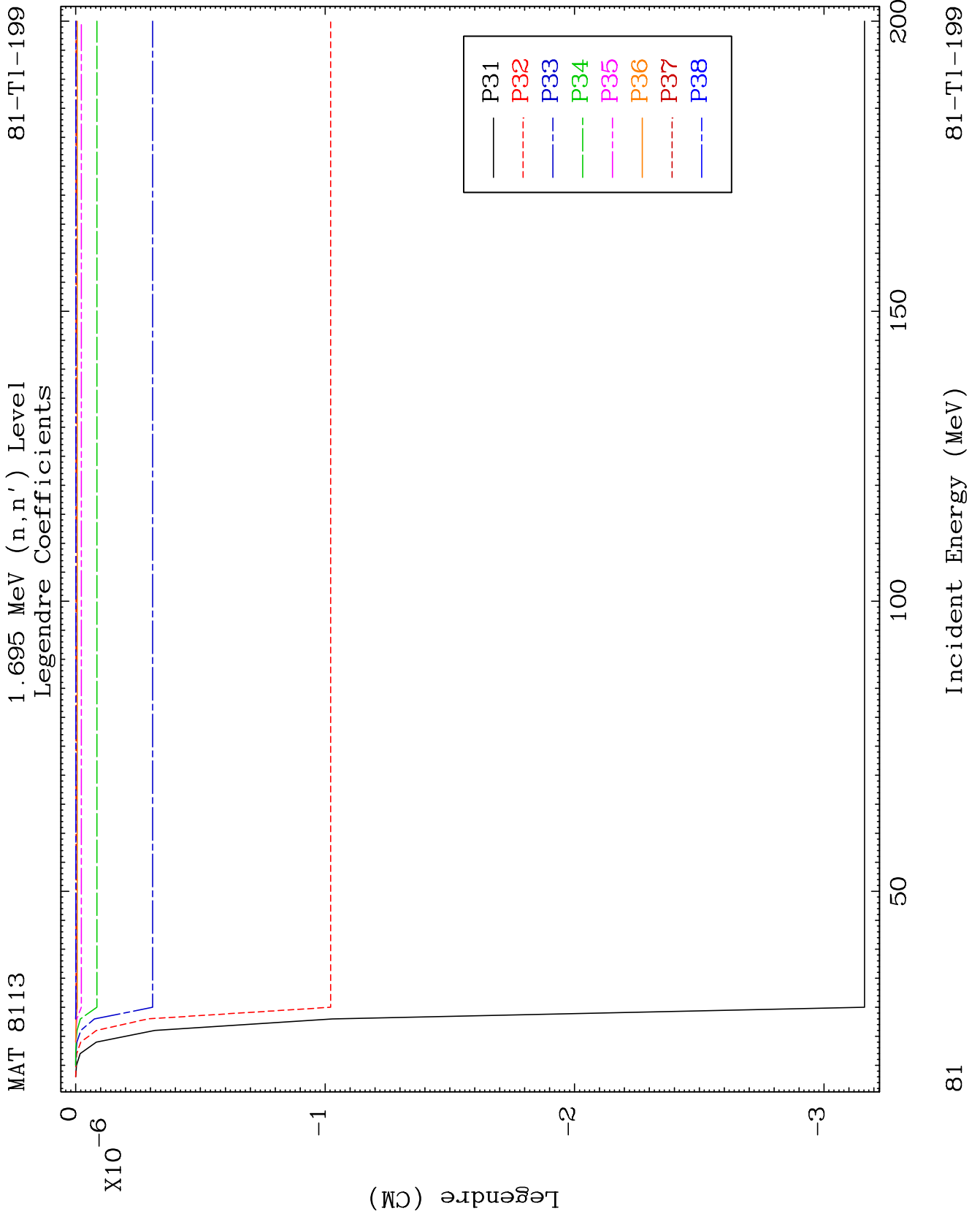
81-T1-199

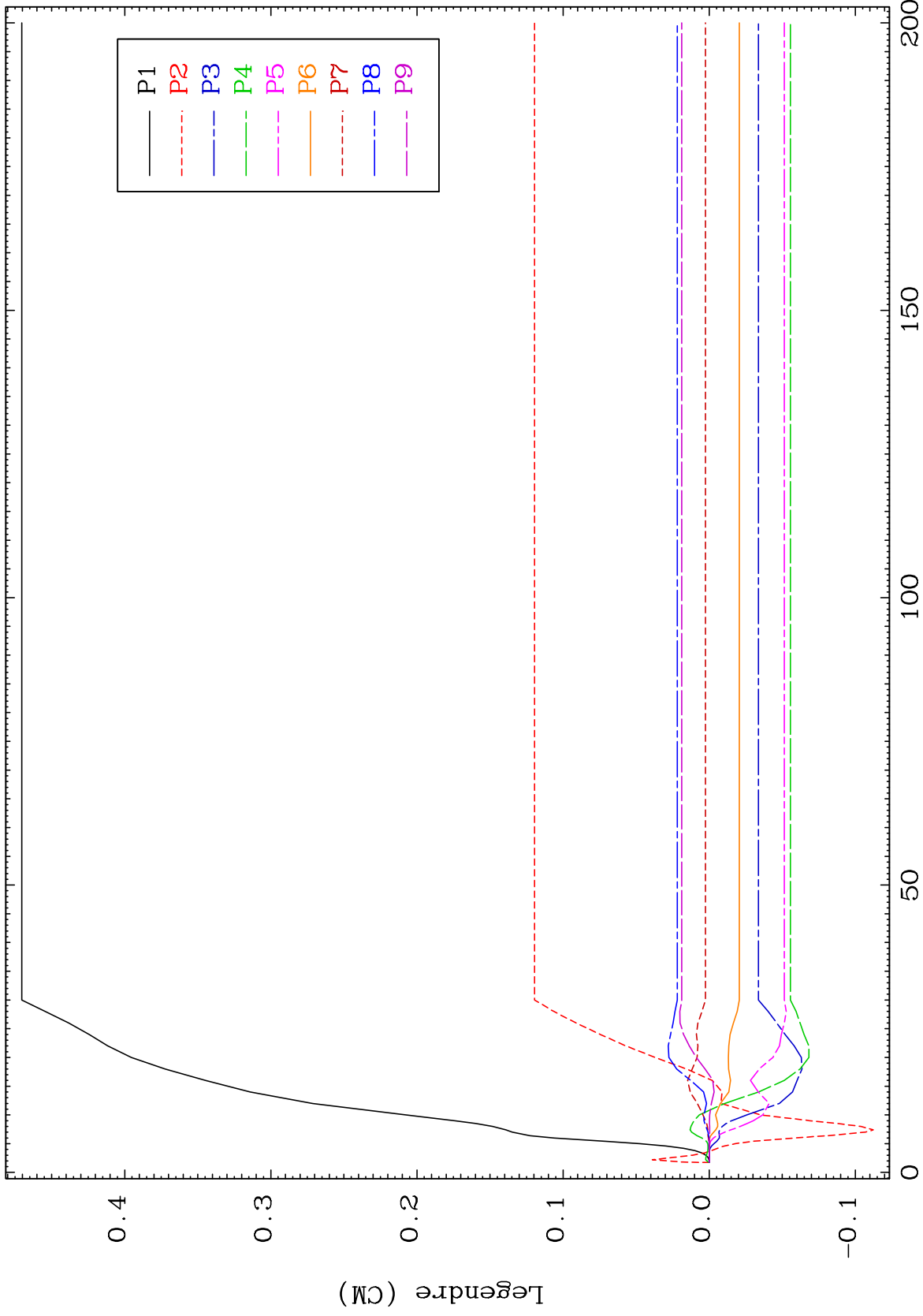


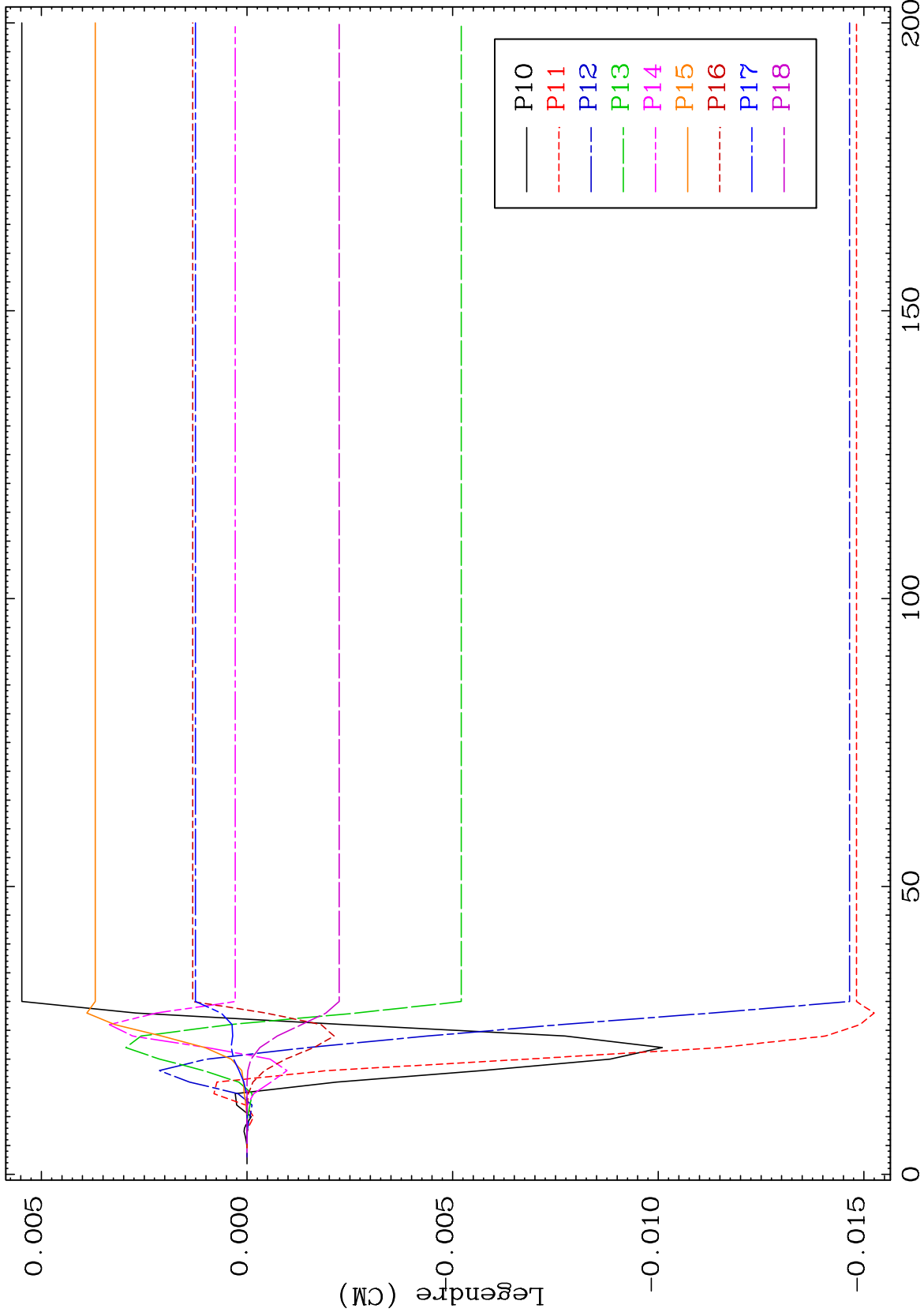
80

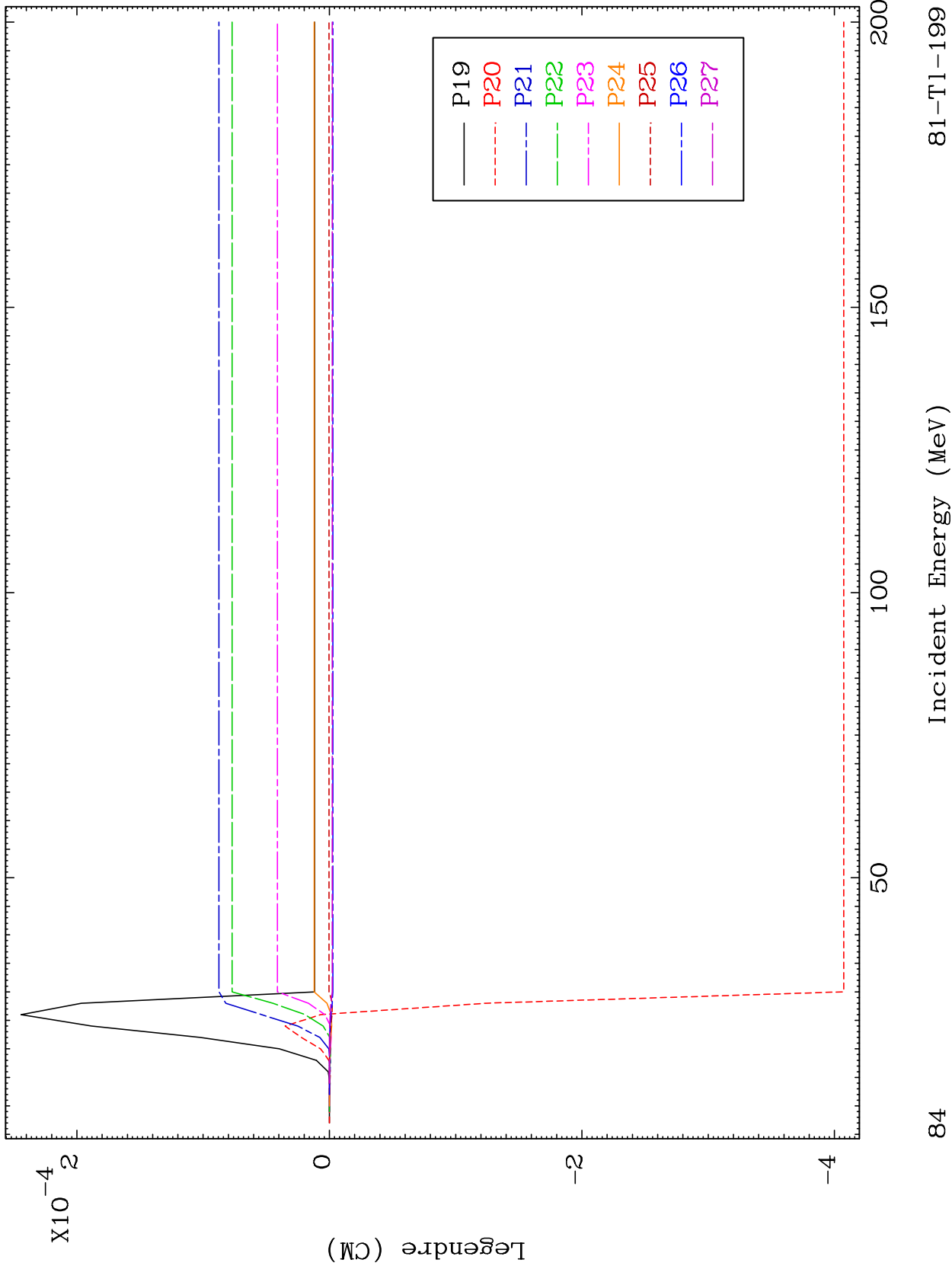
Incident Energy (MeV)

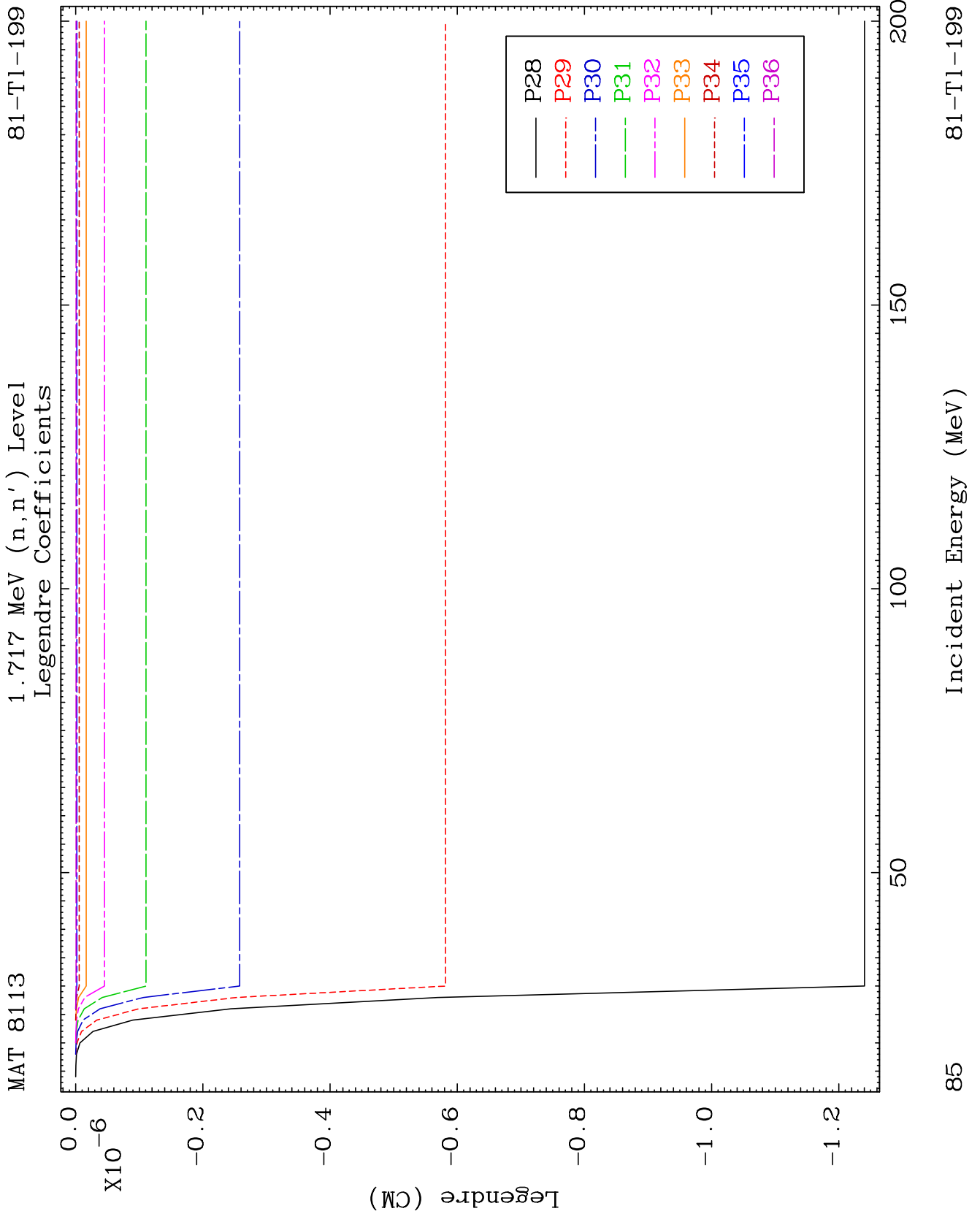
81-T1-199







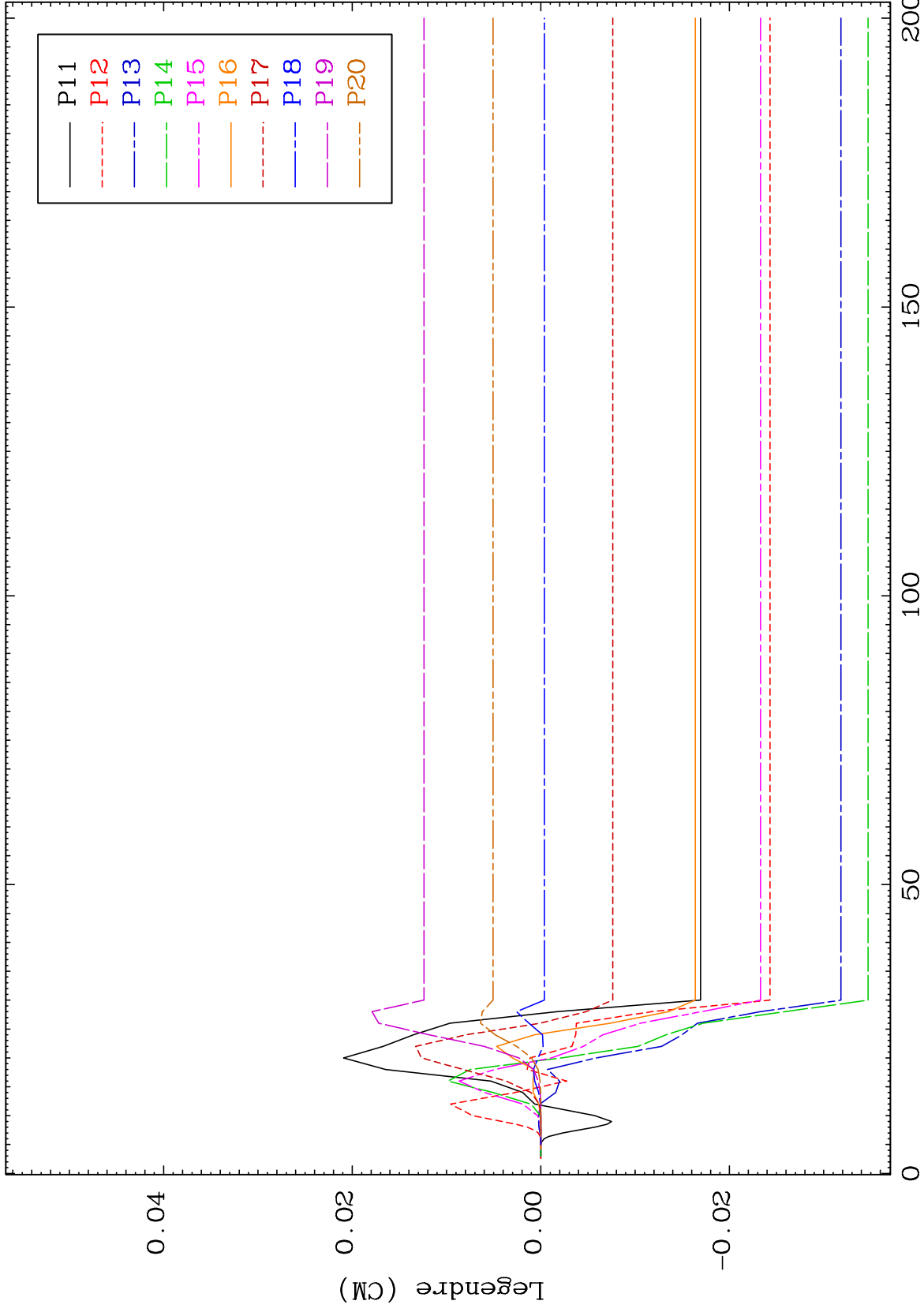




MAT 81113

1.725 MeV (n,n') Level Legendre Coefficients

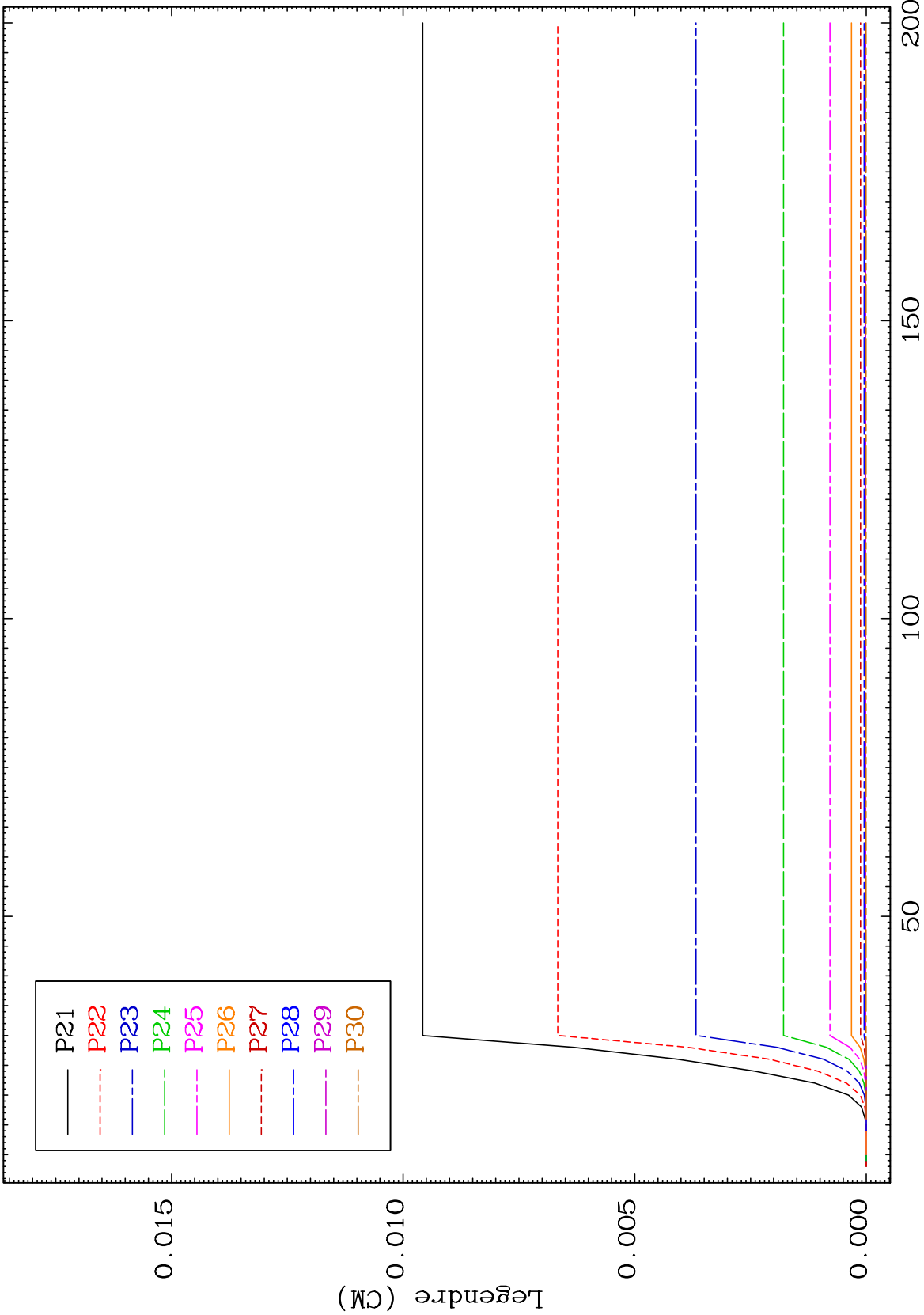
81-T1-199



87

Incident Energy (MeV)

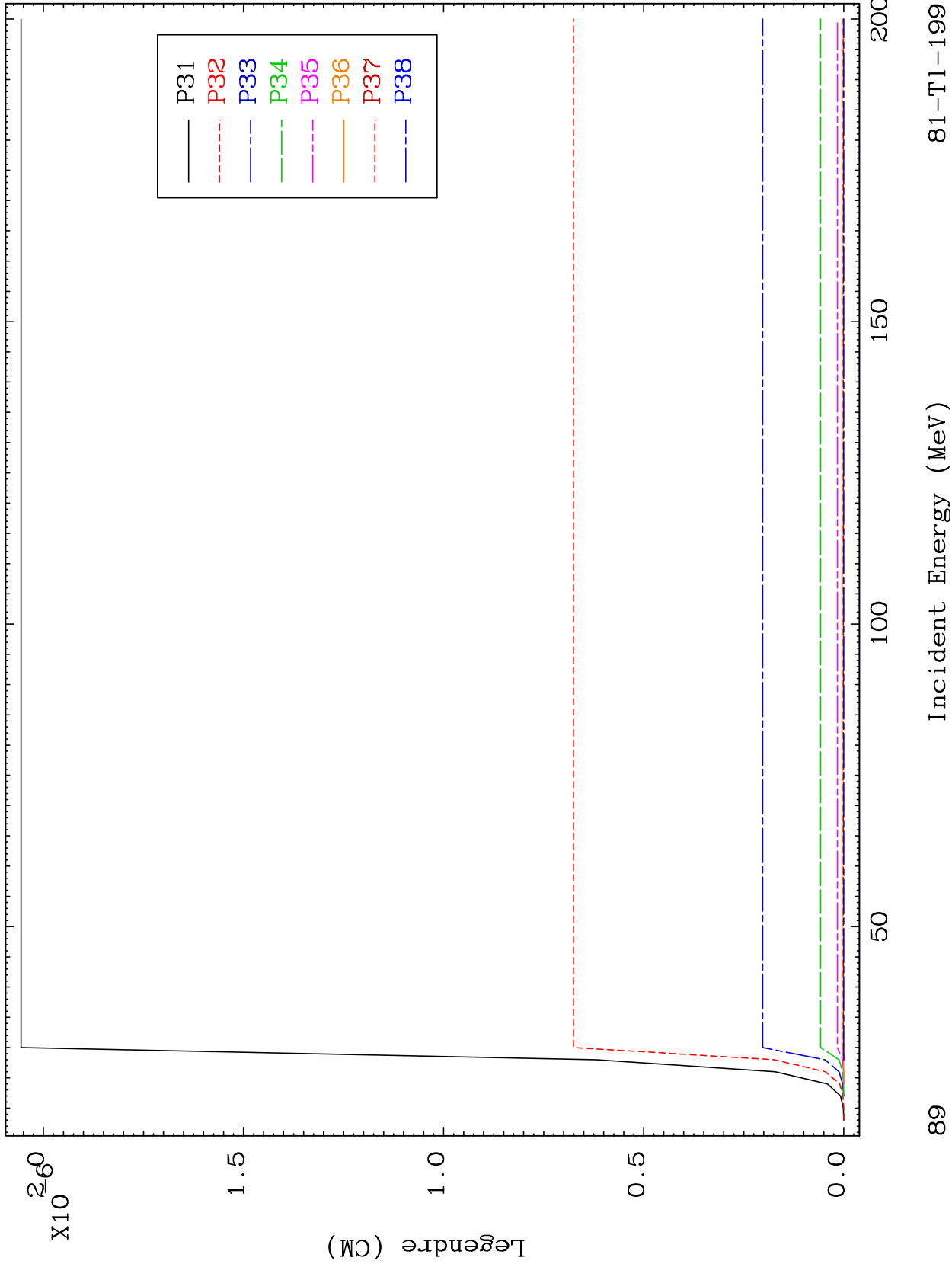
81-T1-199



MAT 81113

1.725 MeV (n,n') Level
Legendre Coefficients

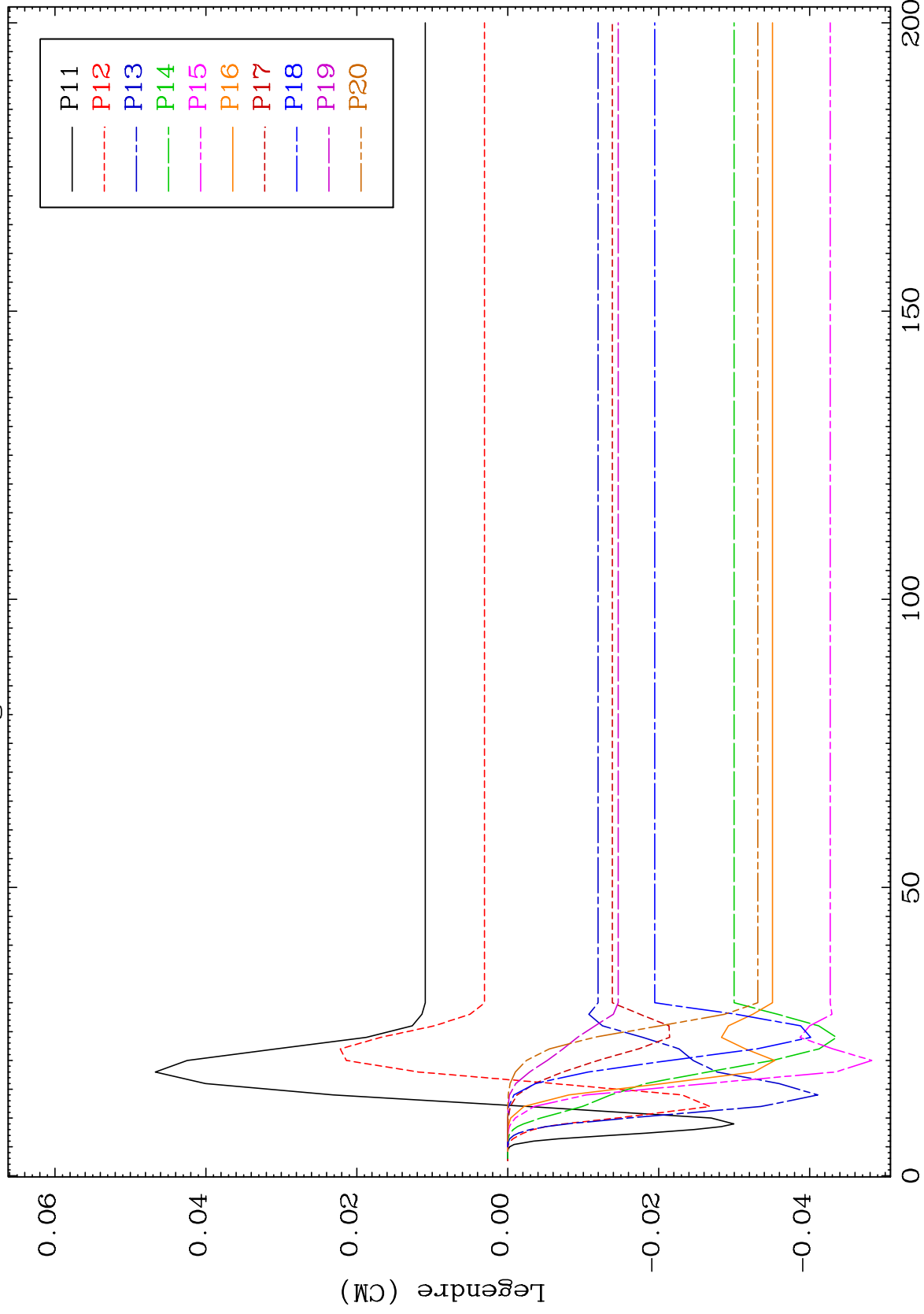
81-T1-199



MAT 81113

1.750 MeV (n,n') Level
Legendre Coefficients

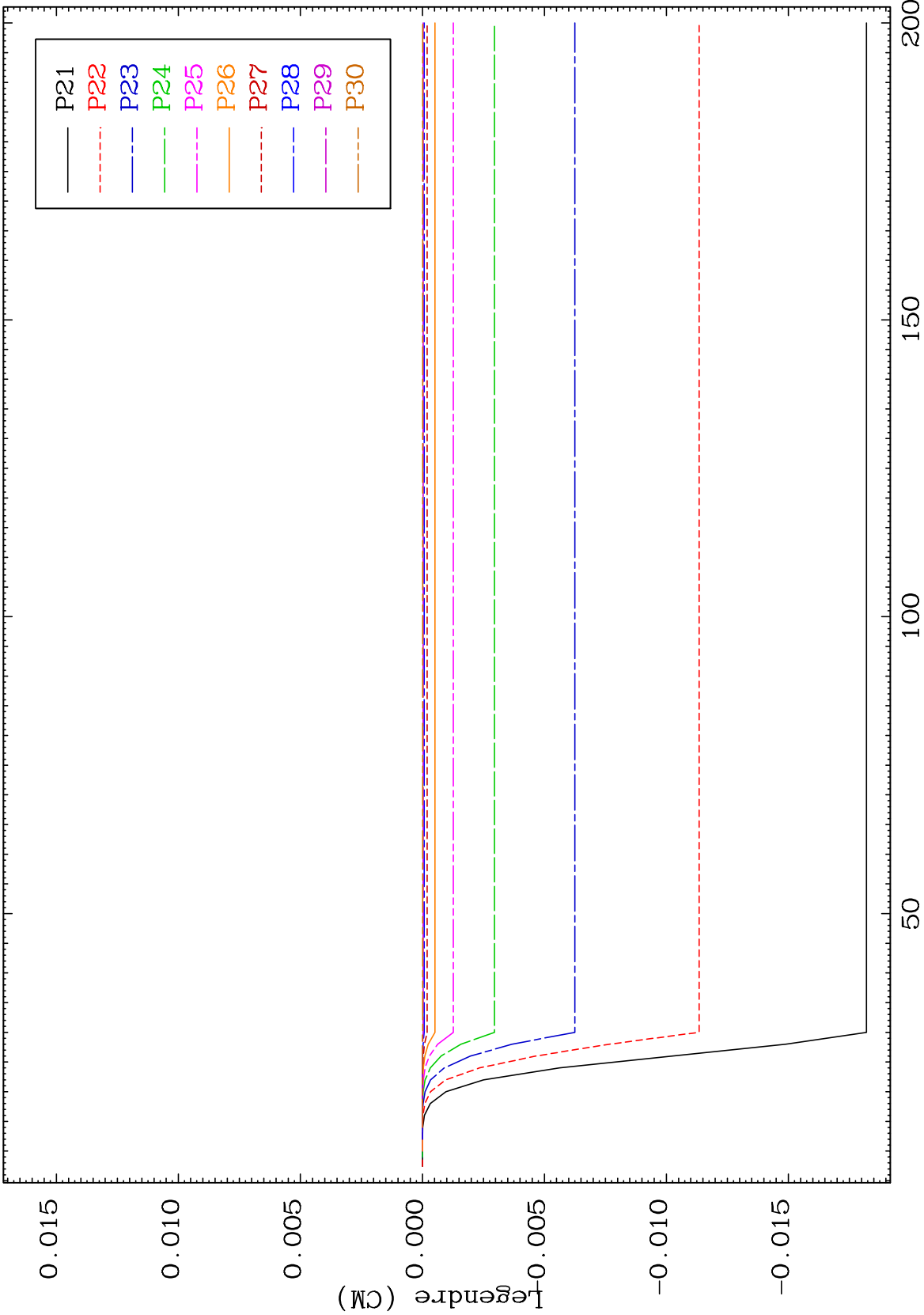
81-T1-199

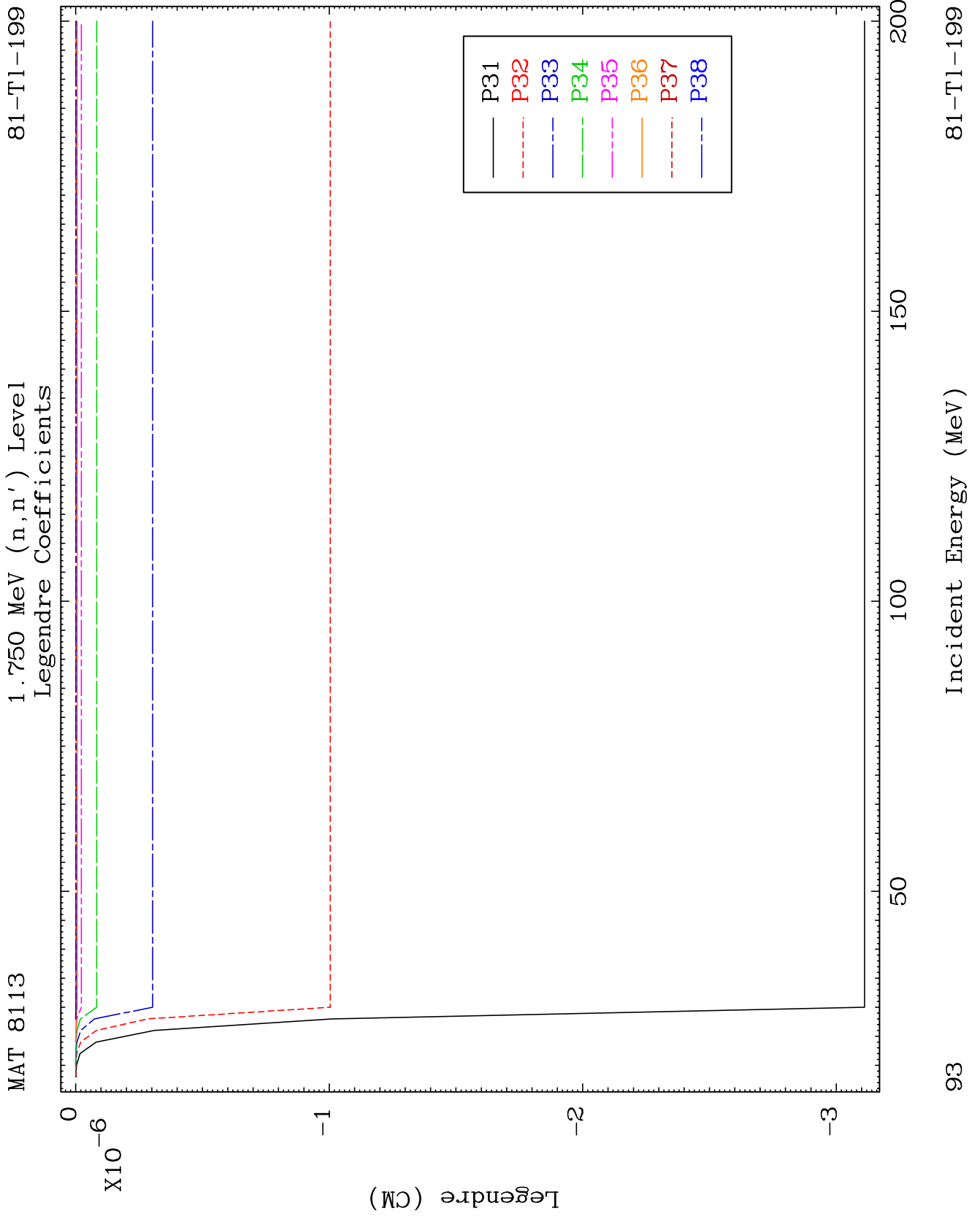


91

Incident Energy (MeV)

81-T1-199

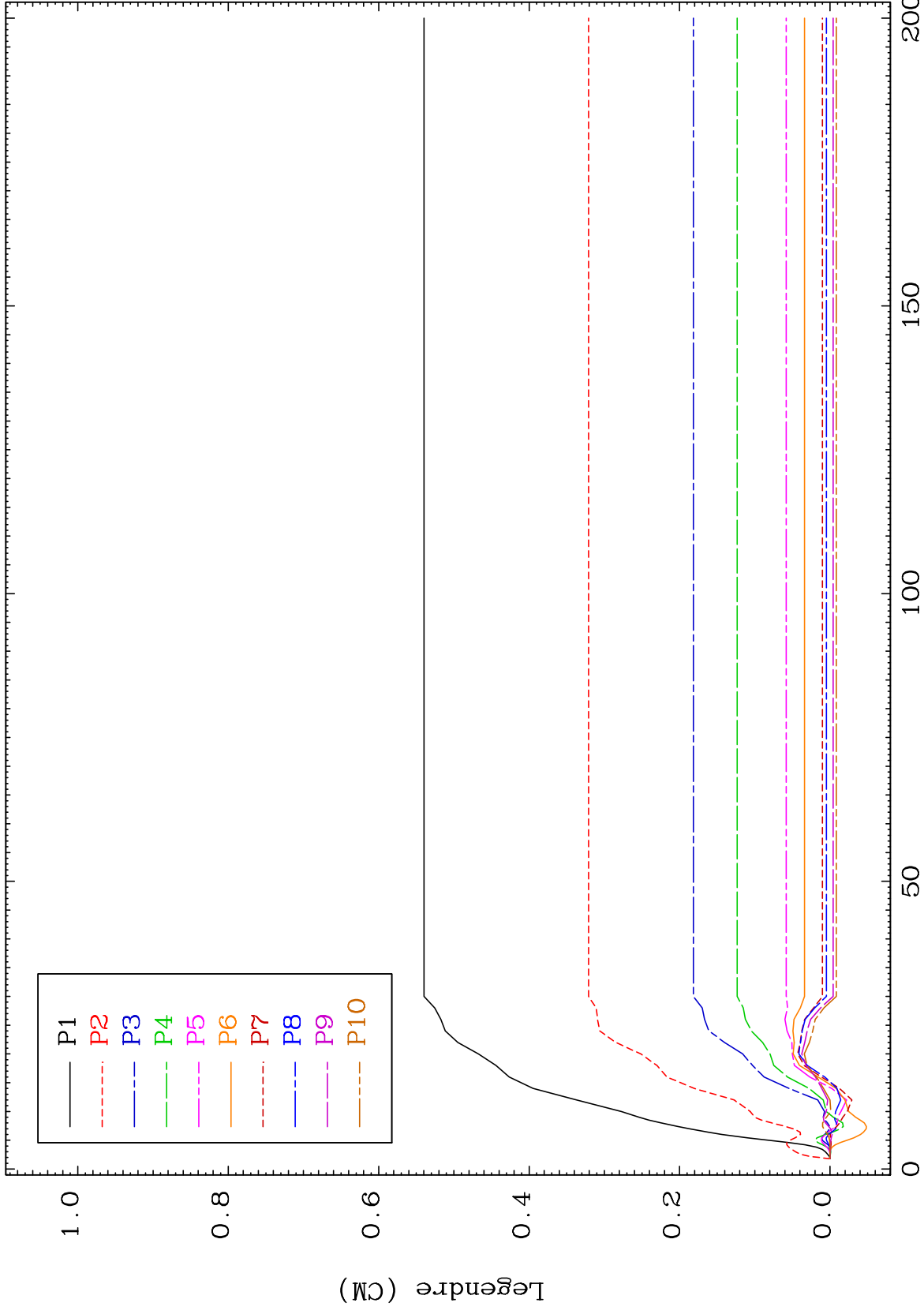




MAT 8113

1.769 MeV (n,n') Level
Legendre Coefficients

81-T1-199



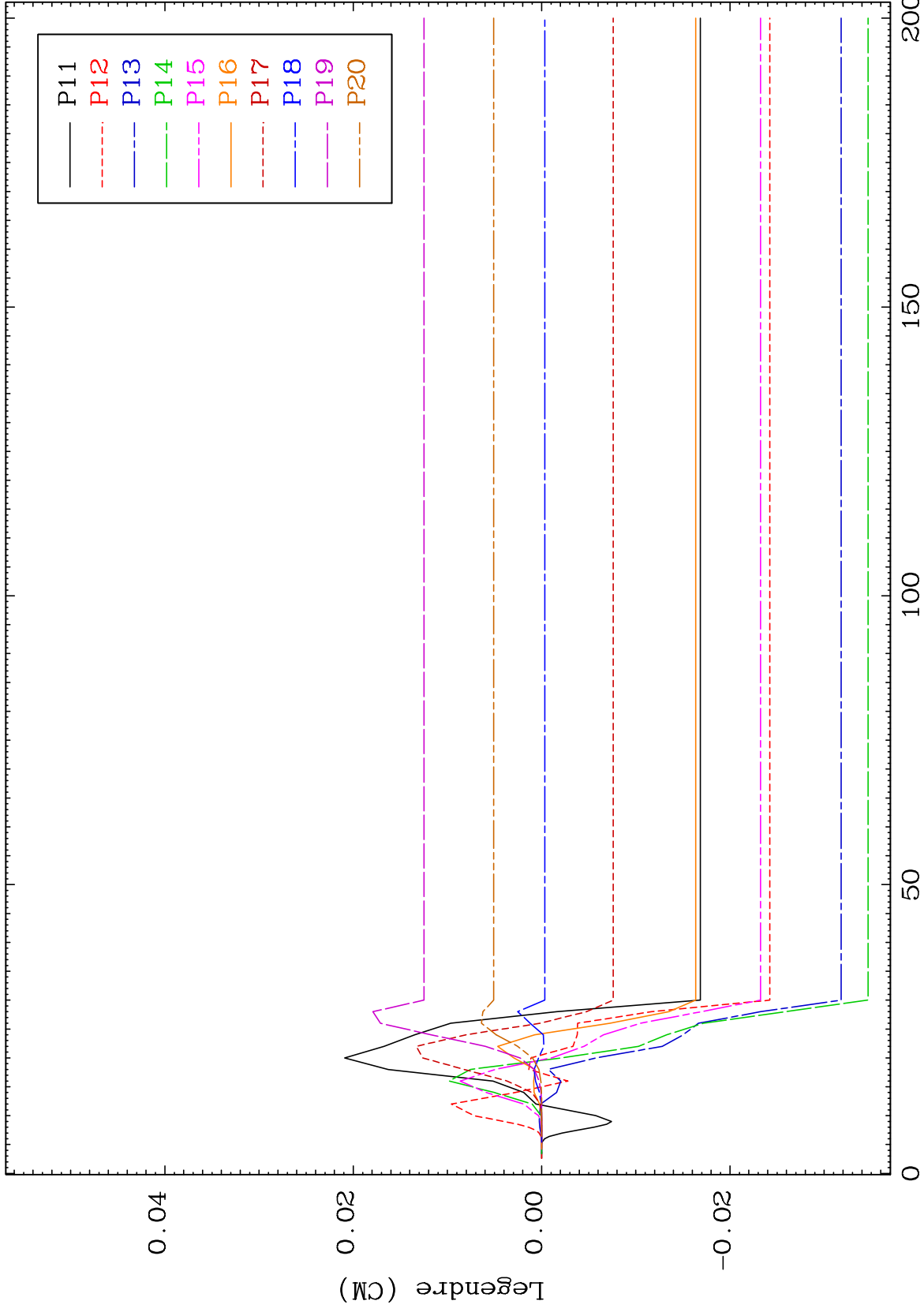
94

81-T1-199

MAT 8113

1.769 MeV (n,n') Level
Legendre Coefficients

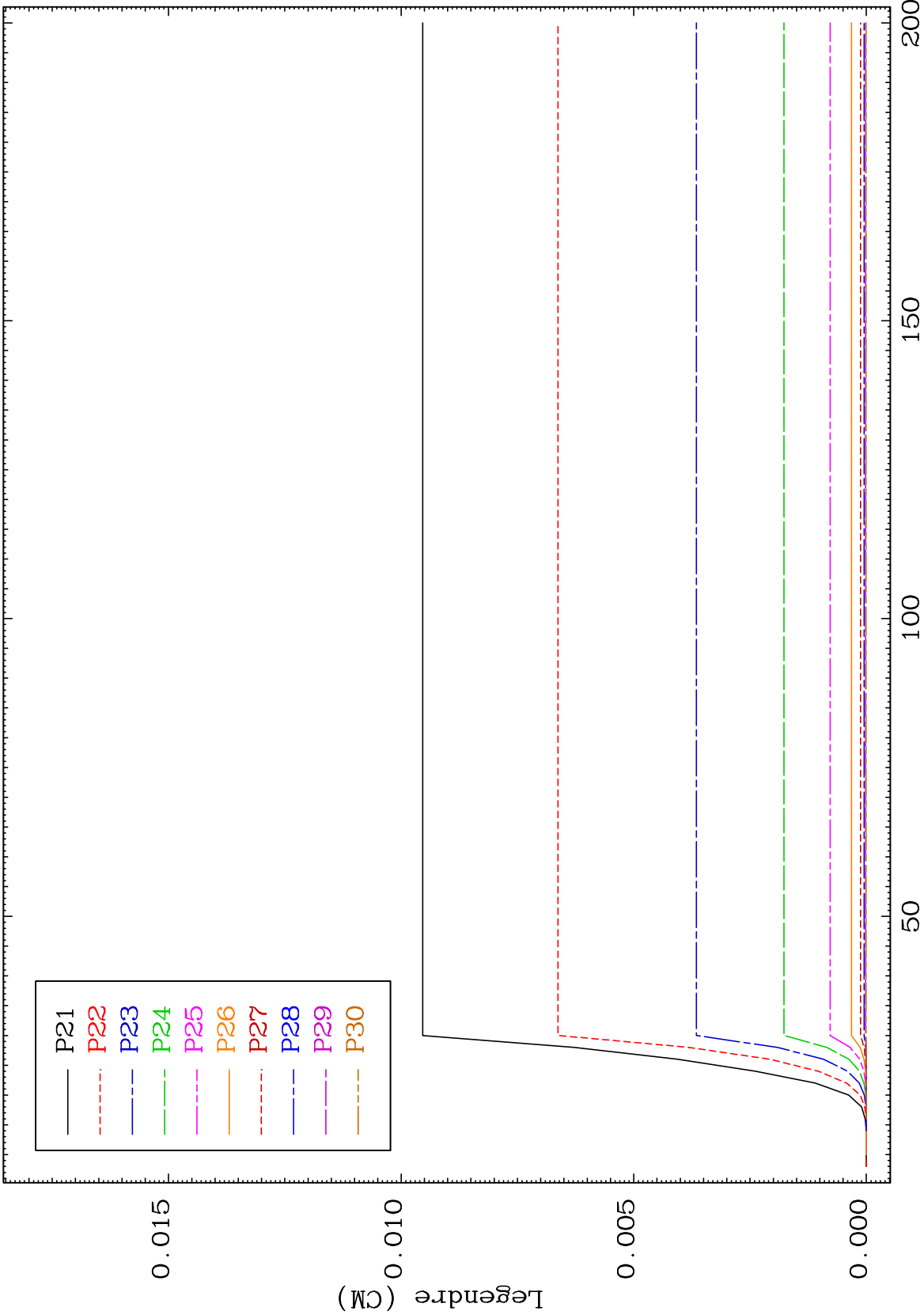
81-T1-199



95

Incident Energy (MeV)

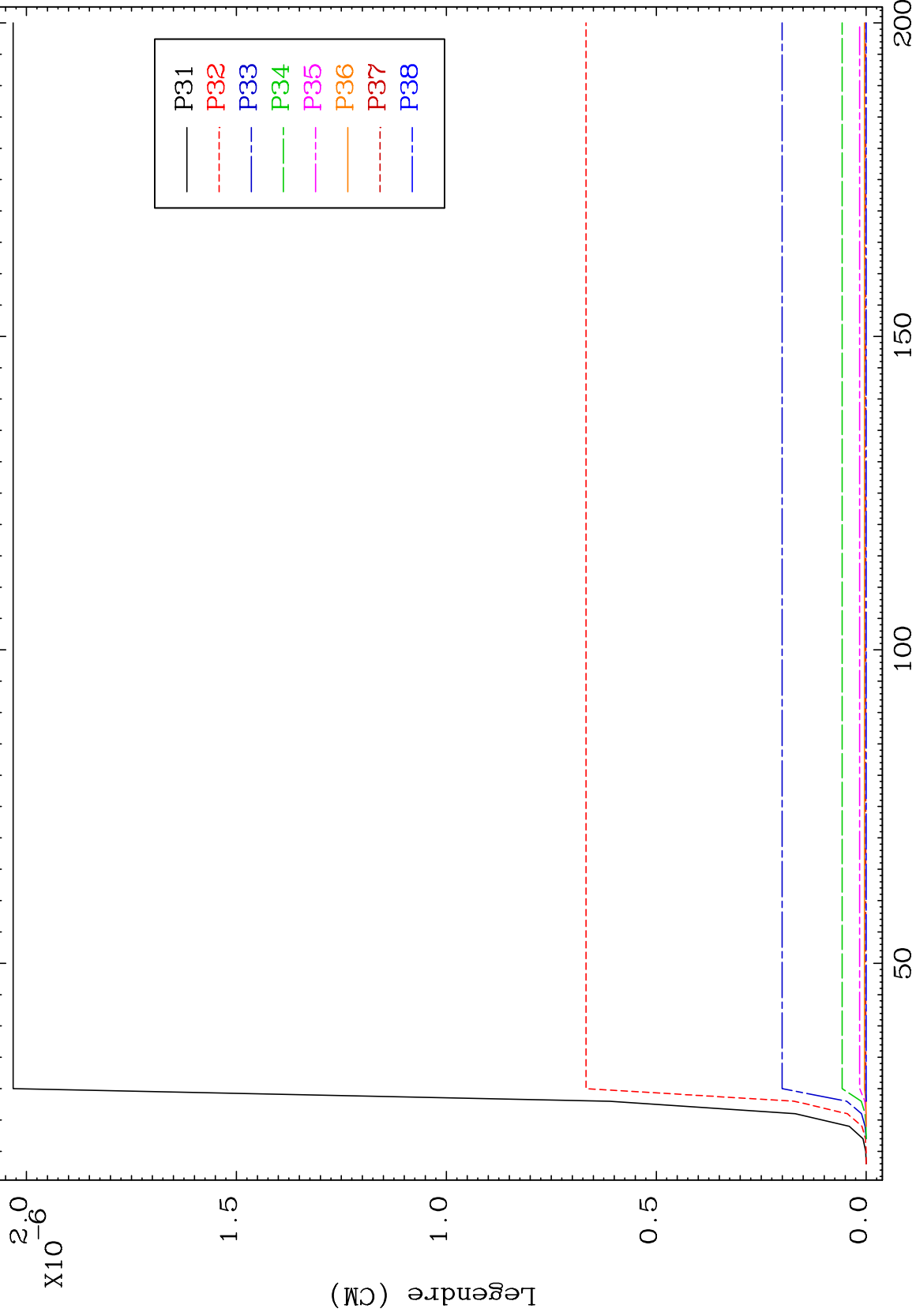
81-T1-199



MAT 8113

1.769 MeV (n,n') Level
Legendre Coefficients

81-T1-199



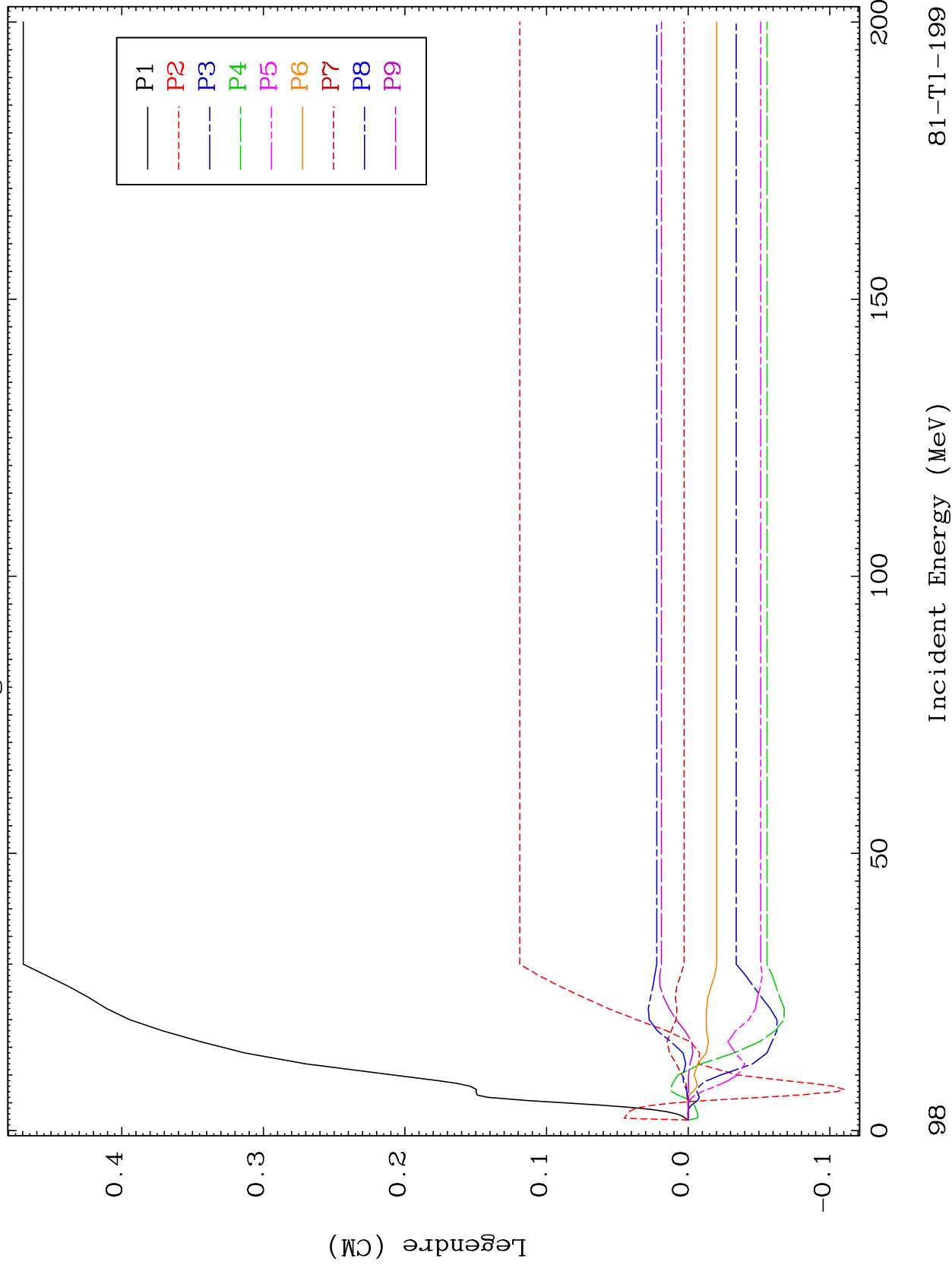
97

81-T1-199

MAT 81113

1.867 MeV (n,n') Level
Legendre Coefficients

81-T1-199



81-T1-199

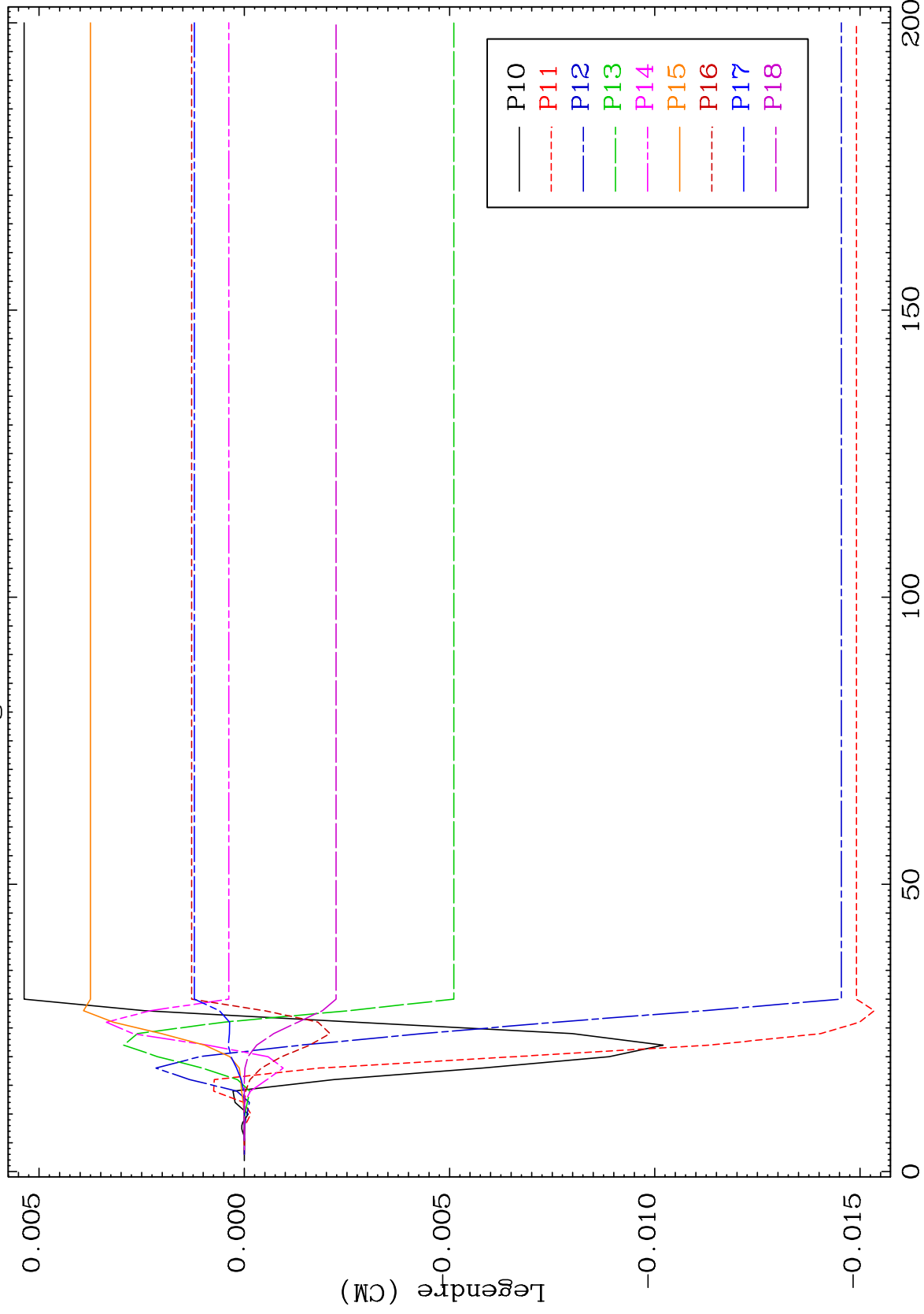
Incident Energy (MeV)

98

MAT 81113

1.867 MeV (n,n') Level
Legendre Coefficients

81-T1-199



99

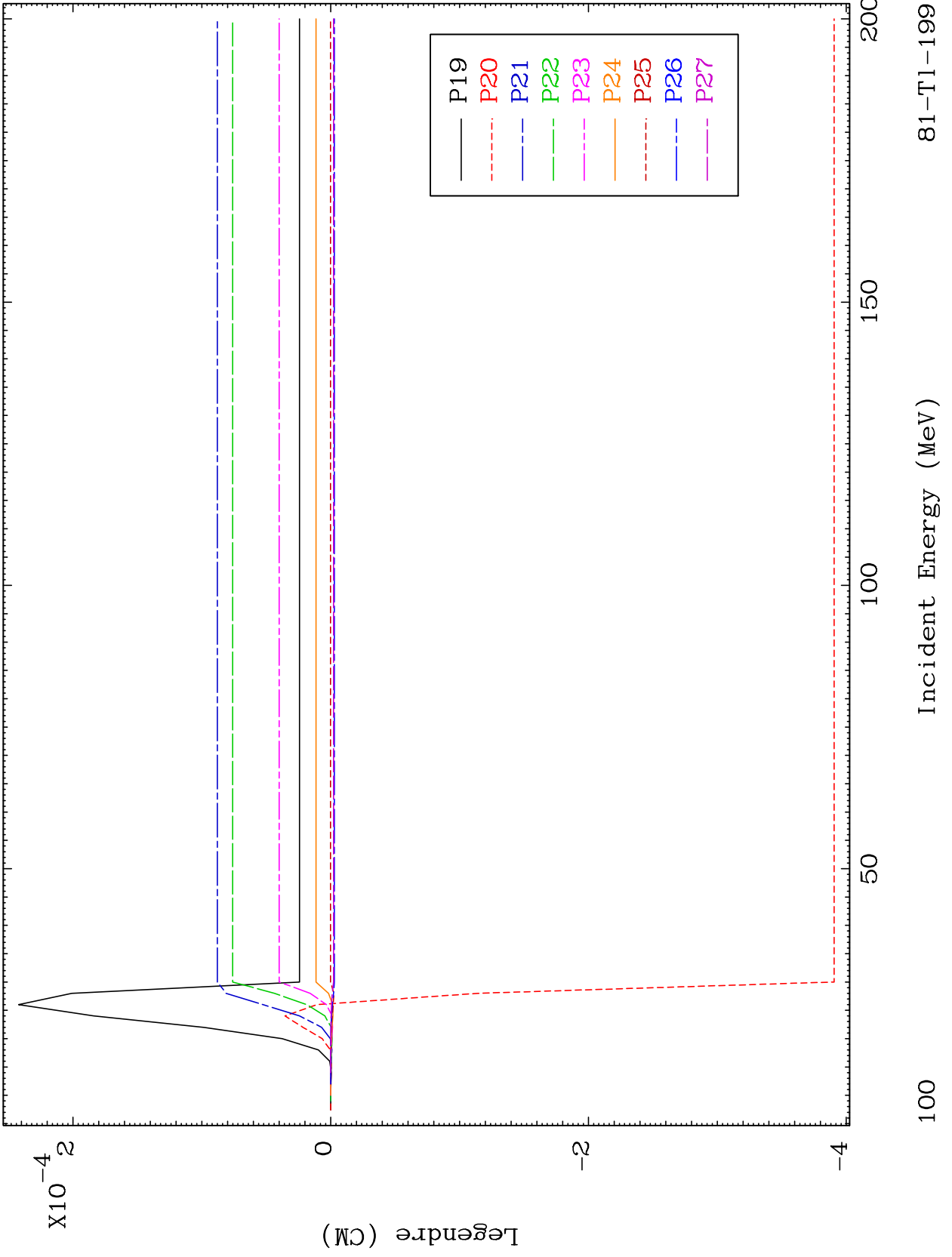
Incident Energy (MeV)

81-T1-199

MAT 8113

1.867 MeV (n,n') Level
Legendre Coefficients

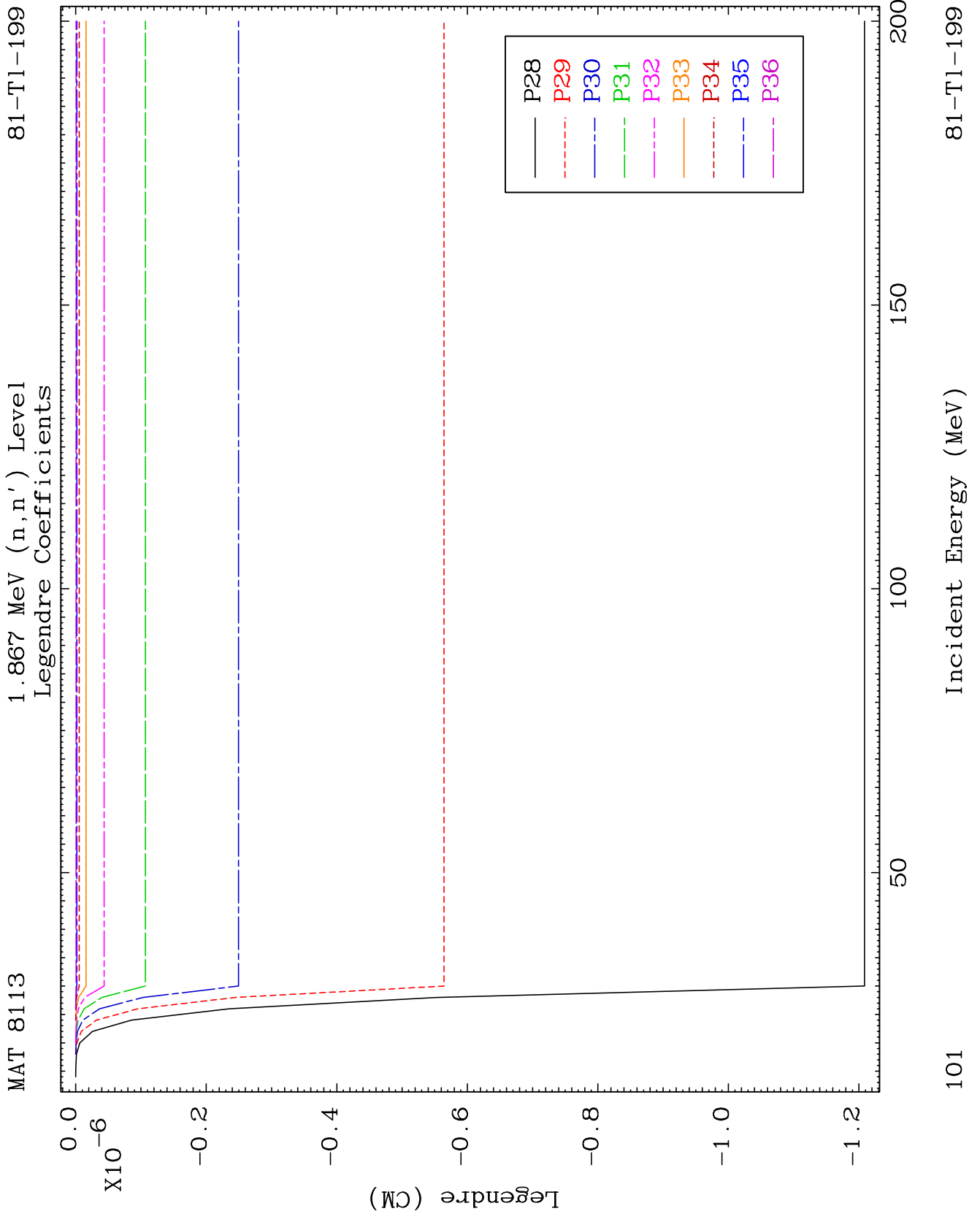
81-T1-199



100

Incident Energy (MeV)

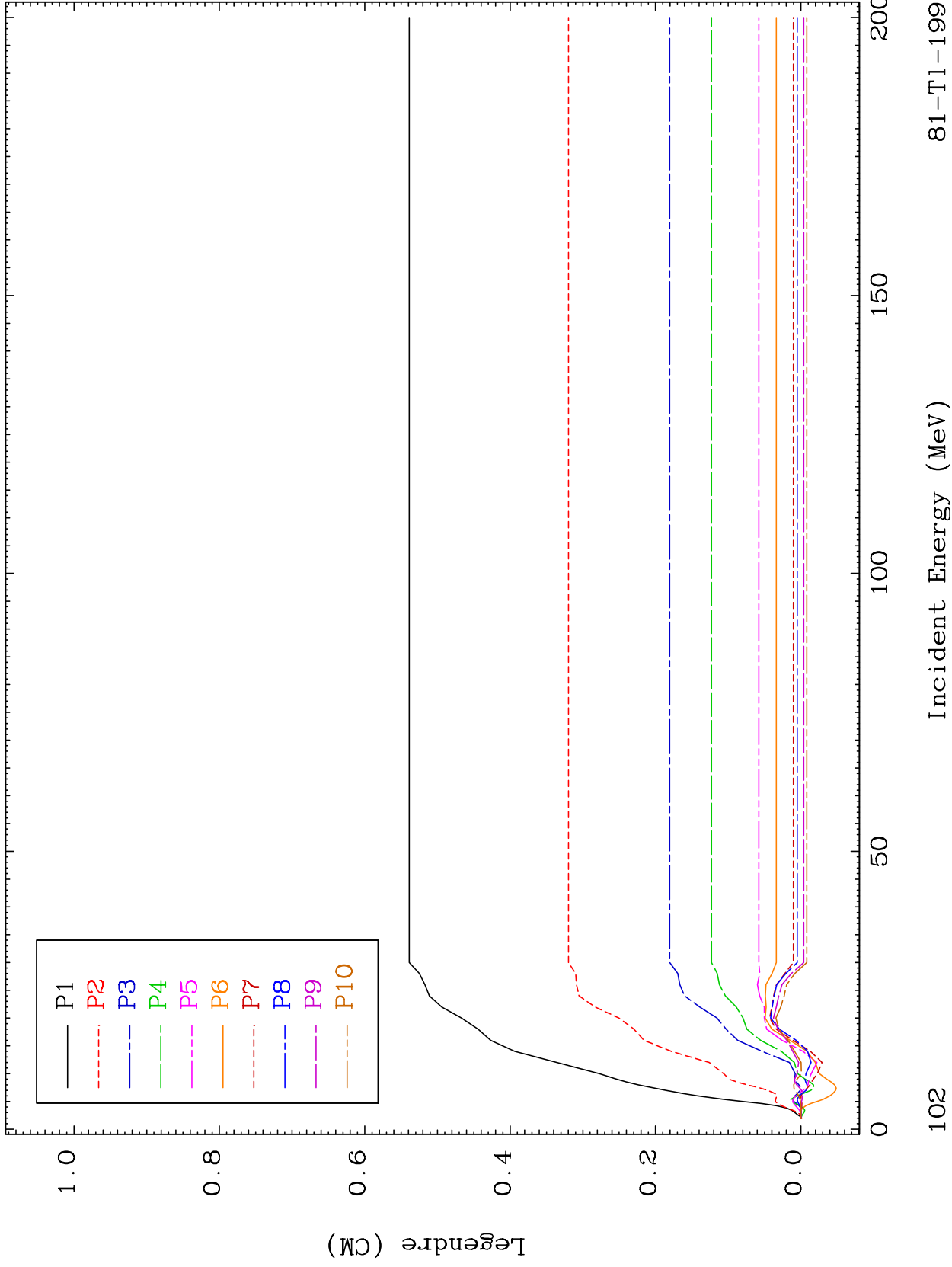
81-T1-199



MAT 81113

1.891 MeV (n,n') Level
Legendre Coefficients

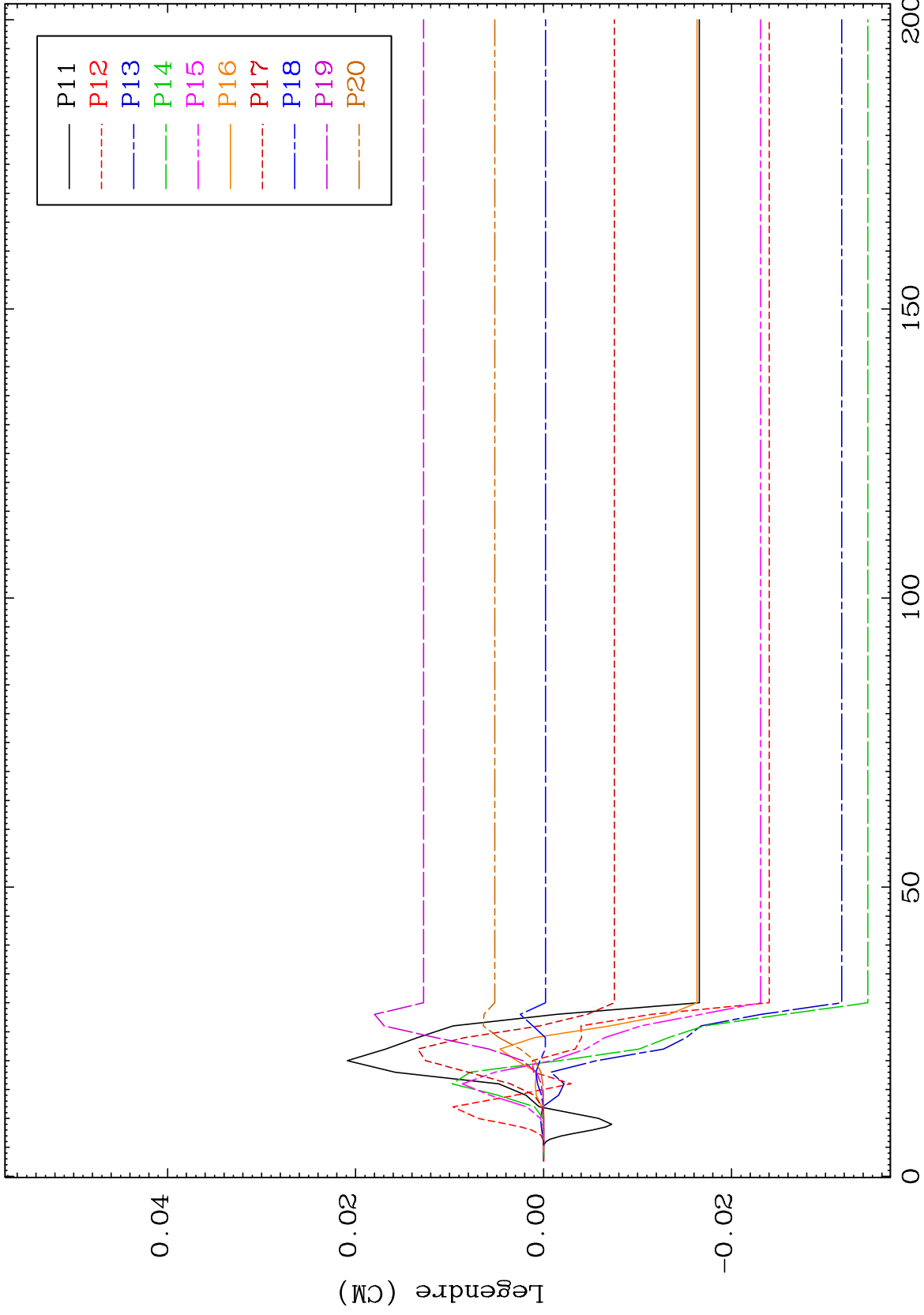
81-T1-199



MAT 8113

1.891 MeV (n,n') Level
Legendre Coefficients

81-T1-199



103

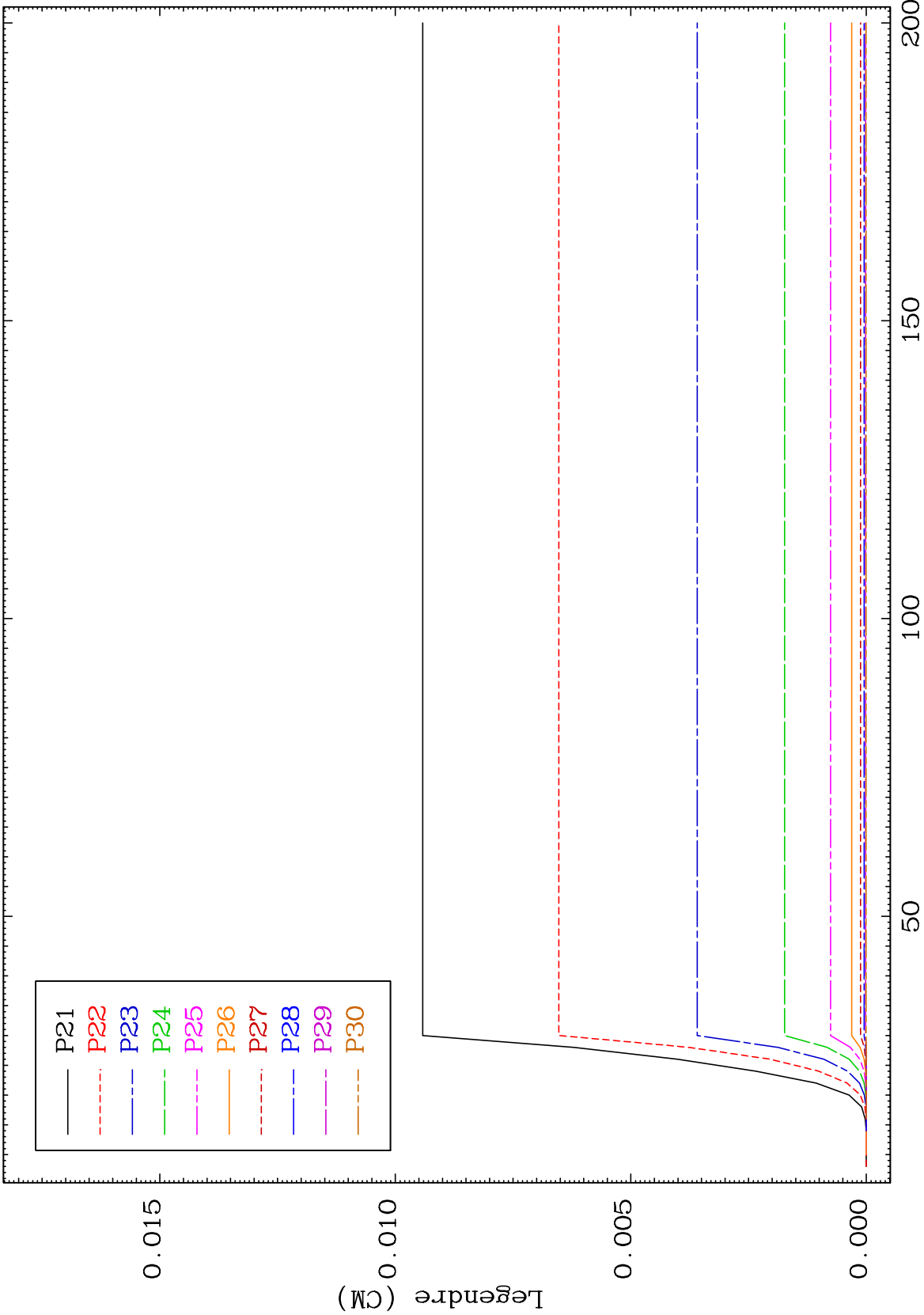
Incident Energy (MeV)

81-T1-199

MAT 8113

1.891 MeV (n,n') Level
Legendre Coefficients

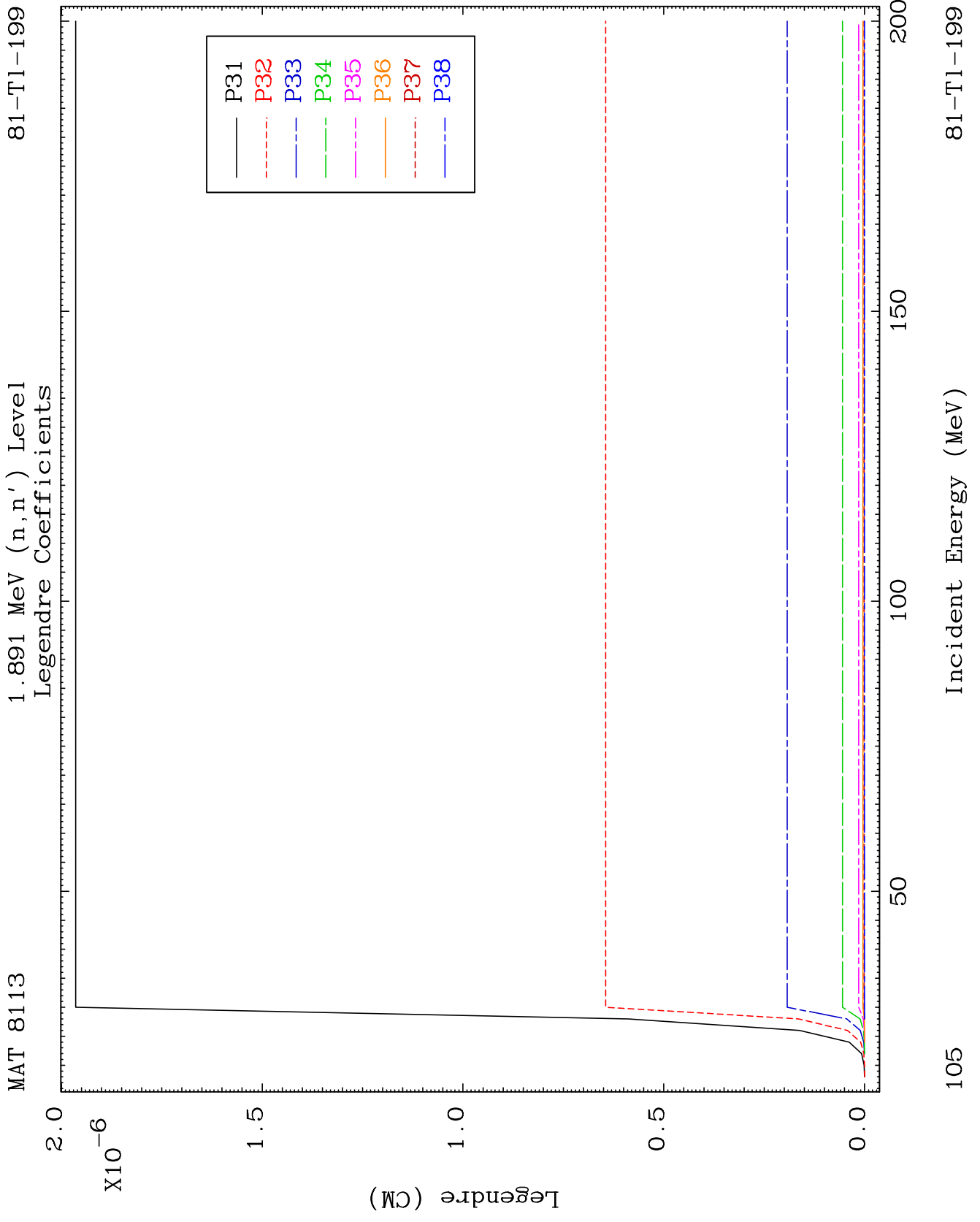
81-T1-199



104

Incident Energy (MeV)

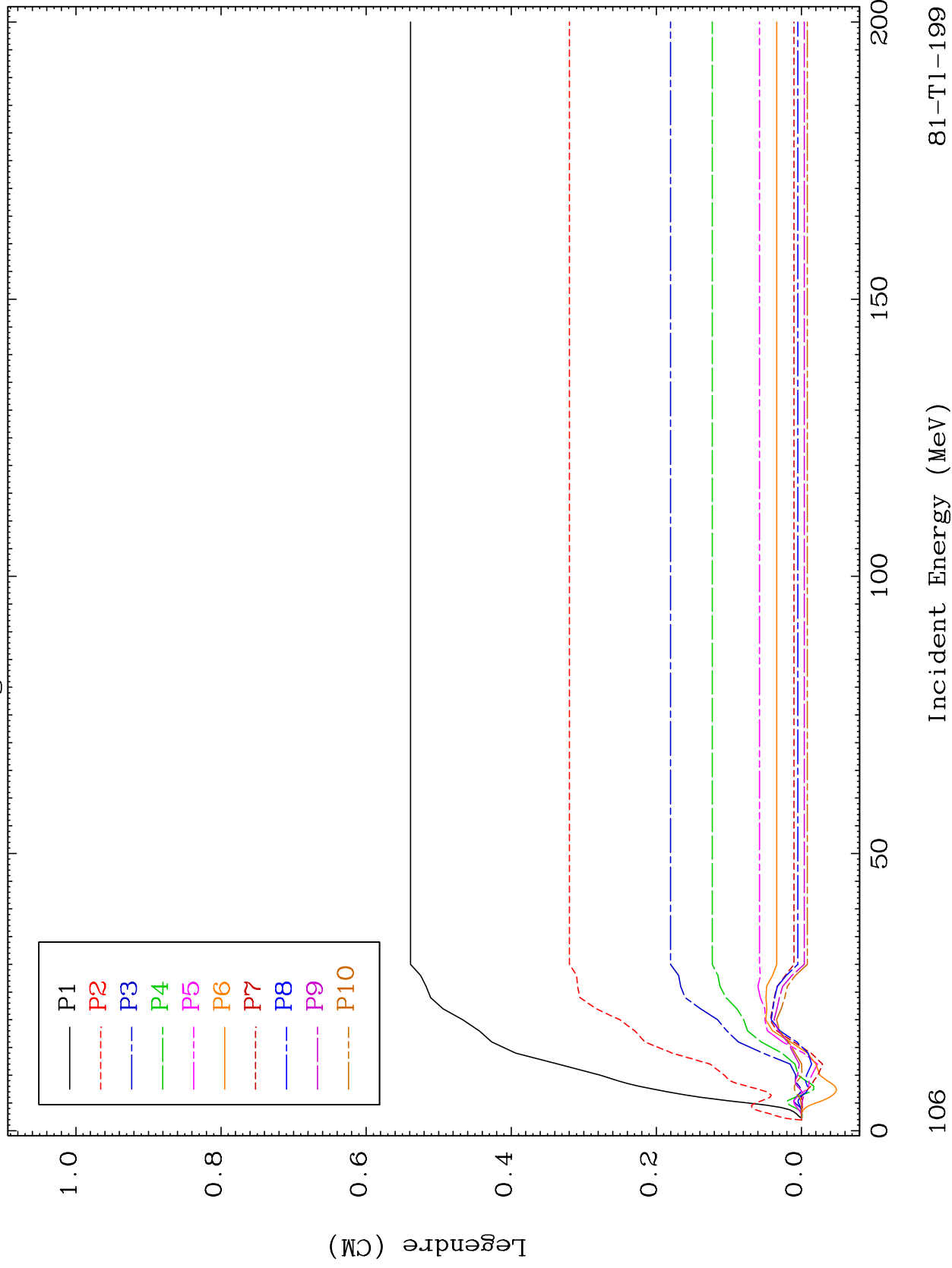
81-T1-199



MAT 8113

1.898 MeV (n,n') Level
Legendre Coefficients

81-T1-199

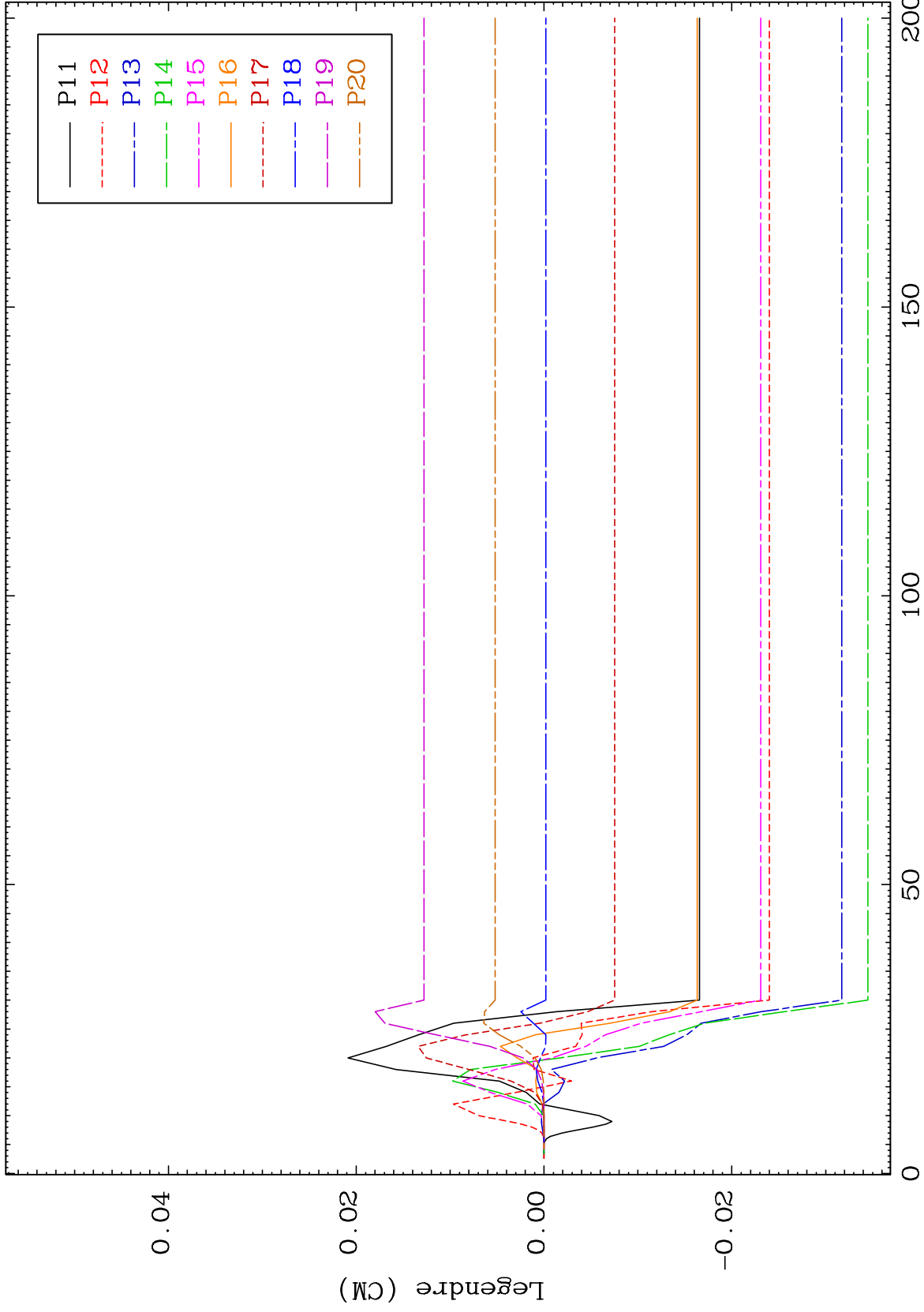


106

MAT 8113

1.898 MeV (n,n') Level
Legendre Coefficients

81-T1-199



107

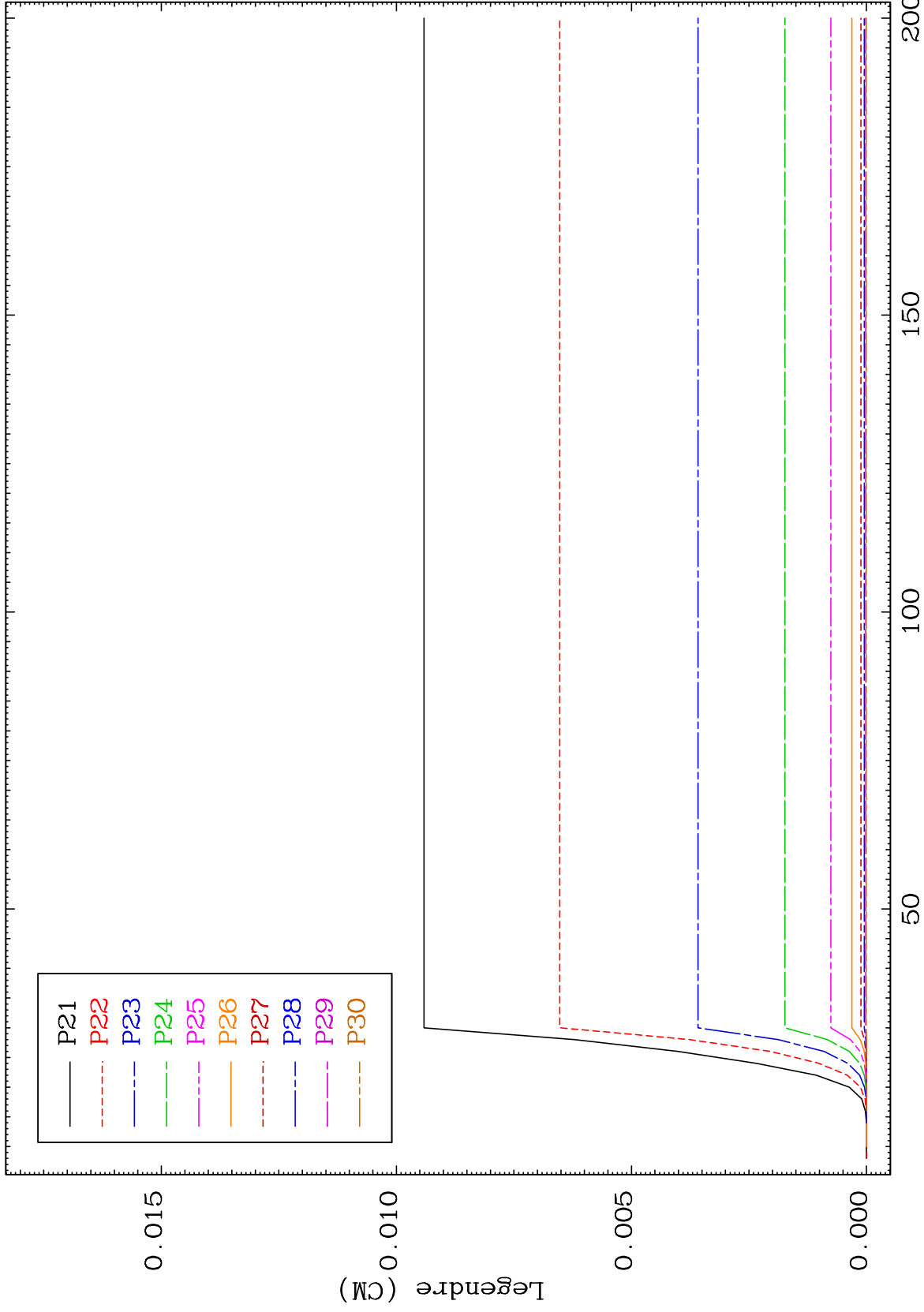
Incident Energy (MeV)

81-T1-199

MAT 8113

1.898 MeV (n,n') Level
Legendre Coefficients

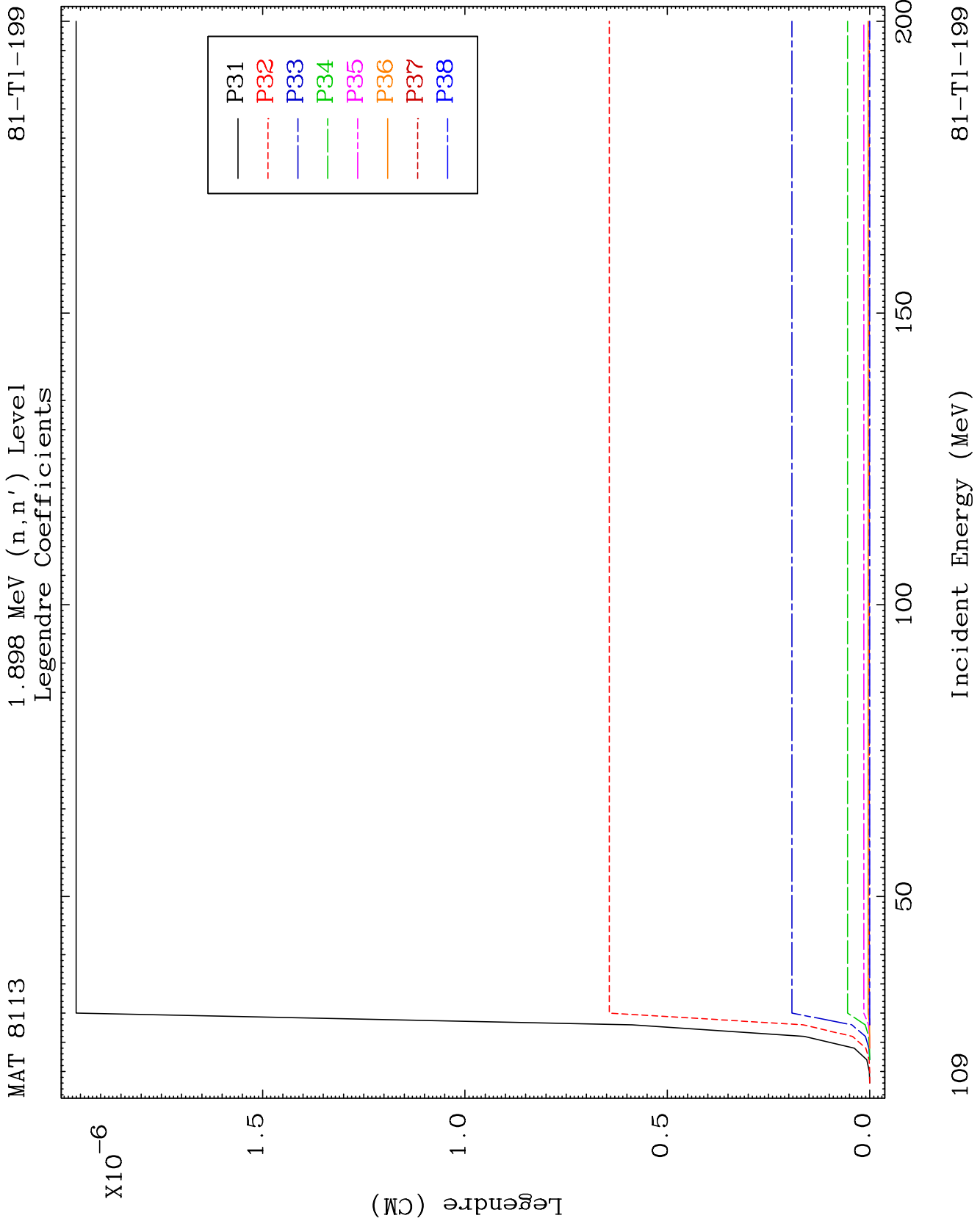
81-T1-199



108

Incident Energy (MeV)

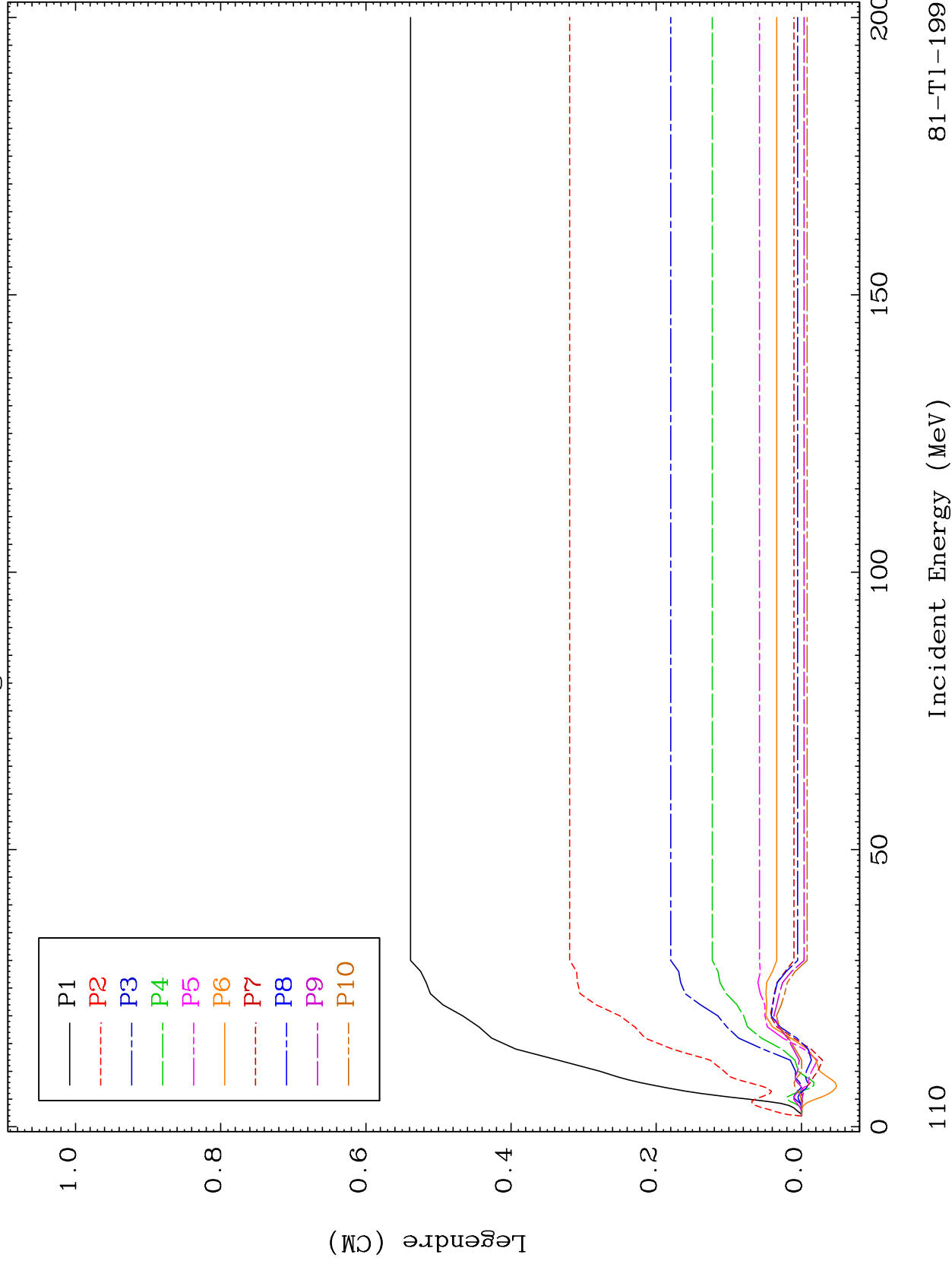
81-T1-199



MAT 81113

1.930 MeV (n,n') Level
Legendre Coefficients

81-T1-199



81-T1-199

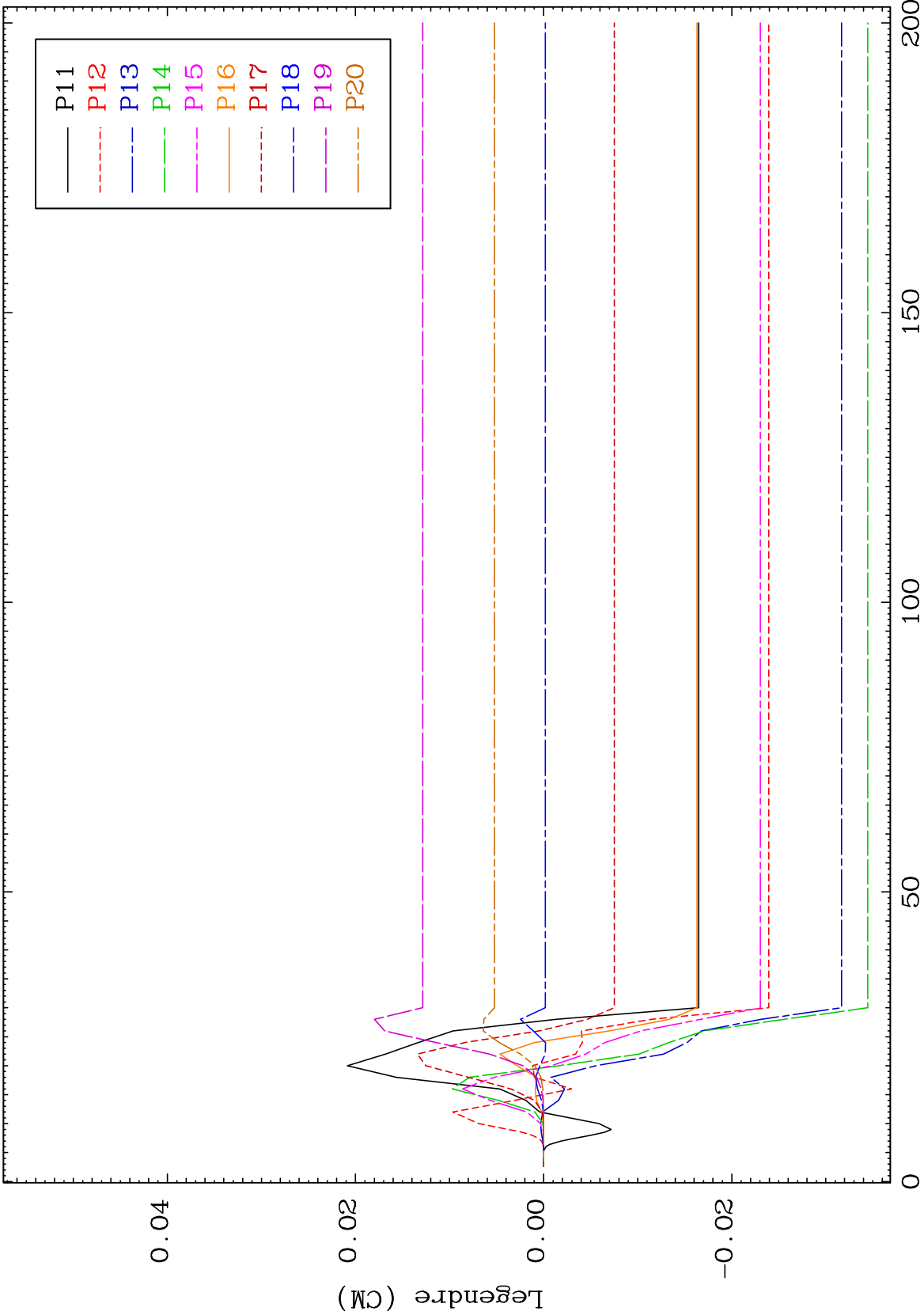
Incident Energy (MeV)

110

MAT 8113

1.930 MeV (n,n') Level Legendre Coefficients

81-T1-199



111

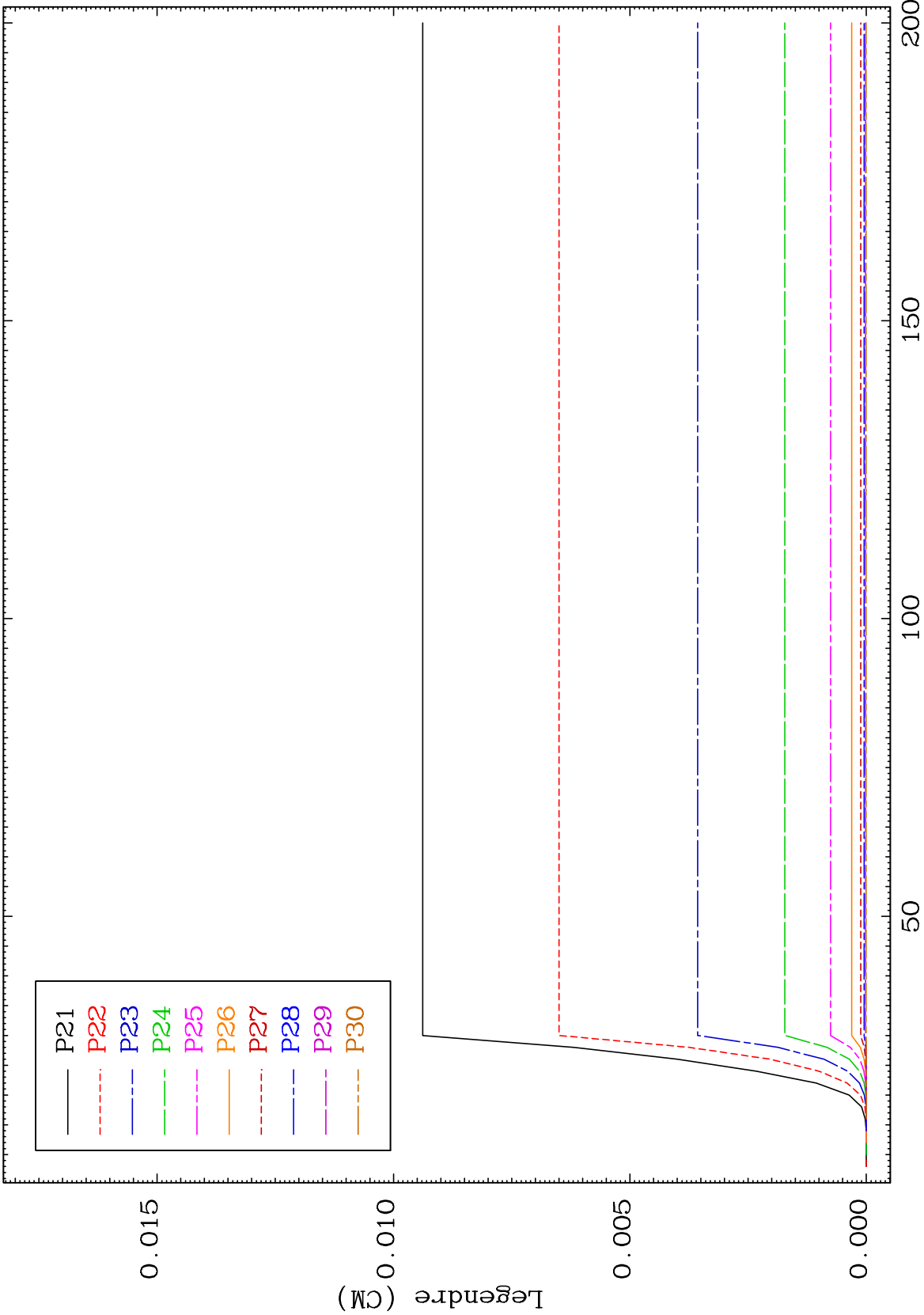
Incident Energy (MeV)

81-T1-199

MAT 8113

1.930 MeV (n,n') Level Legendre Coefficients

81-T1-199



112

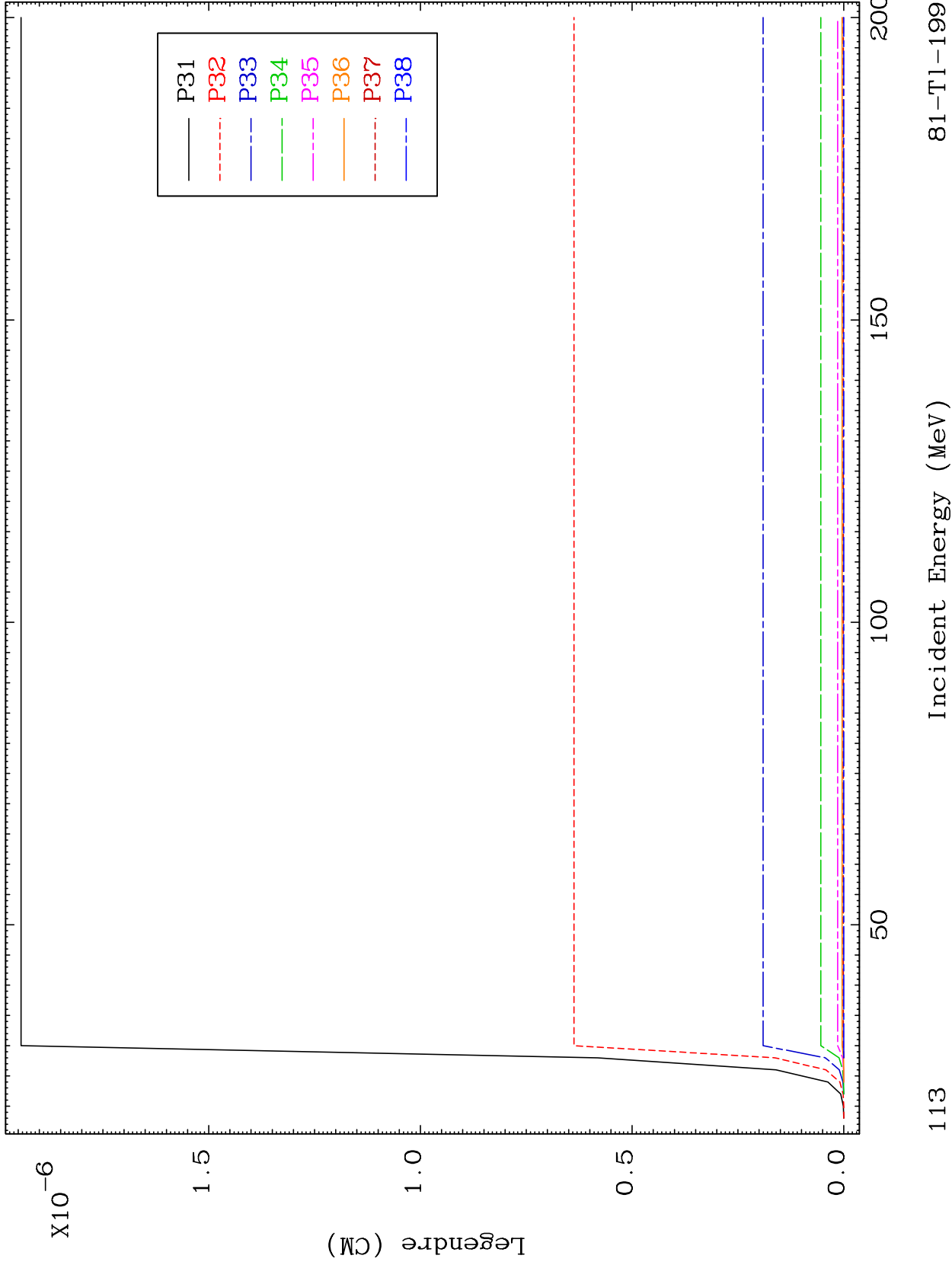
Incident Energy (MeV)

81-T1-199

MAT 81113

1.930 MeV (n,n') Level
Legendre Coefficients

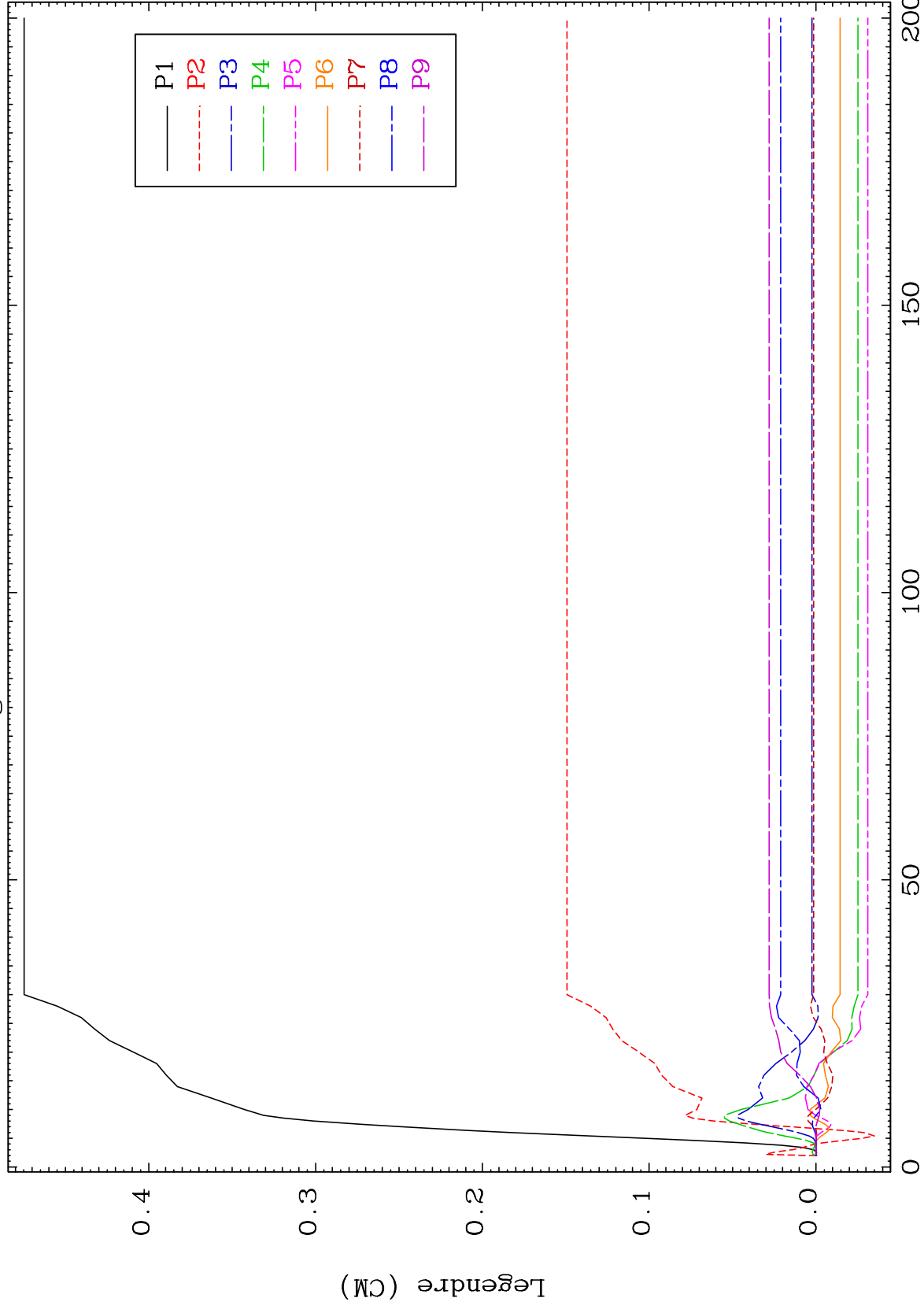
81-T1-199



MAT 8113

1.944 MeV (n,n') Level
Legendre Coefficients

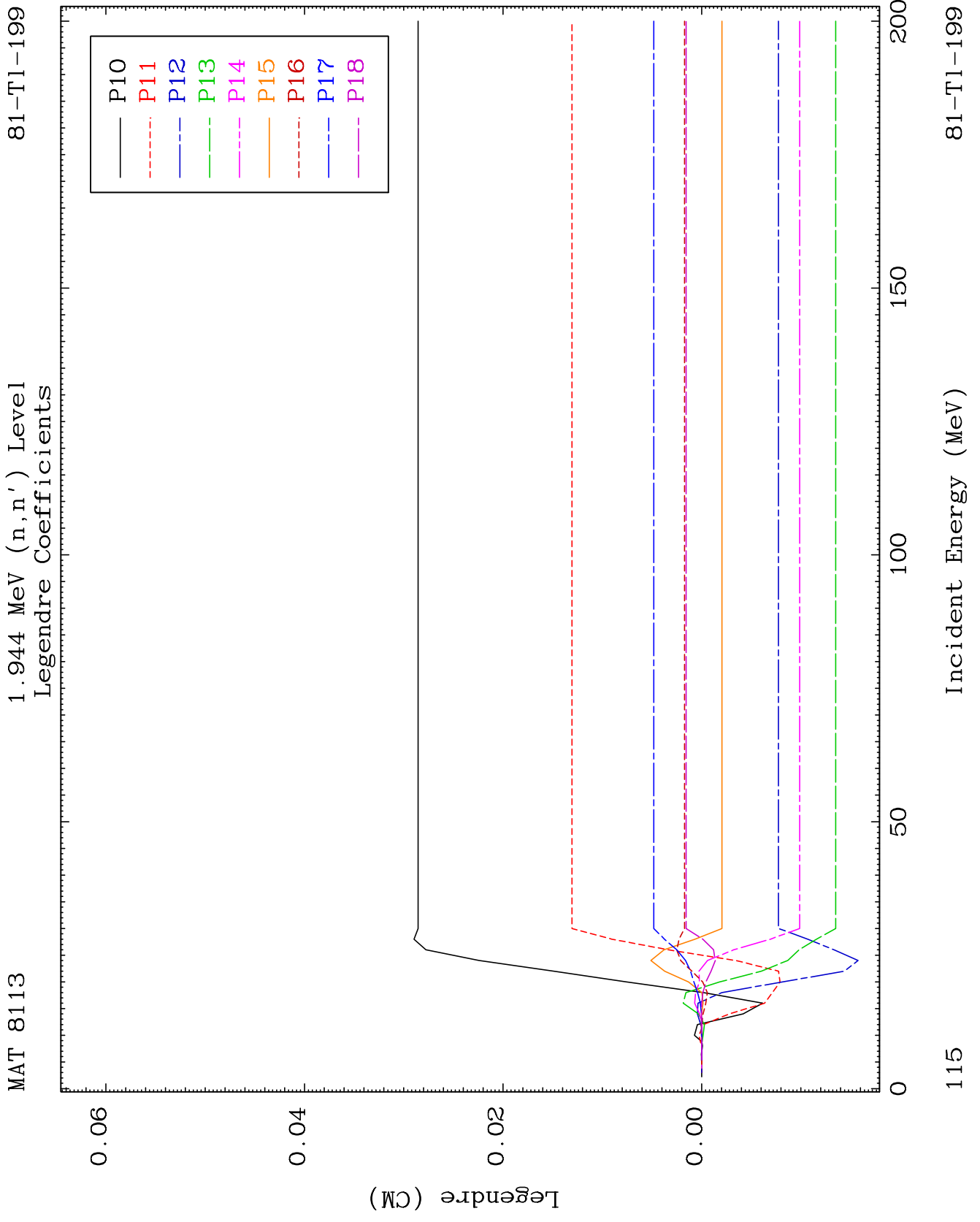
81-T1-199

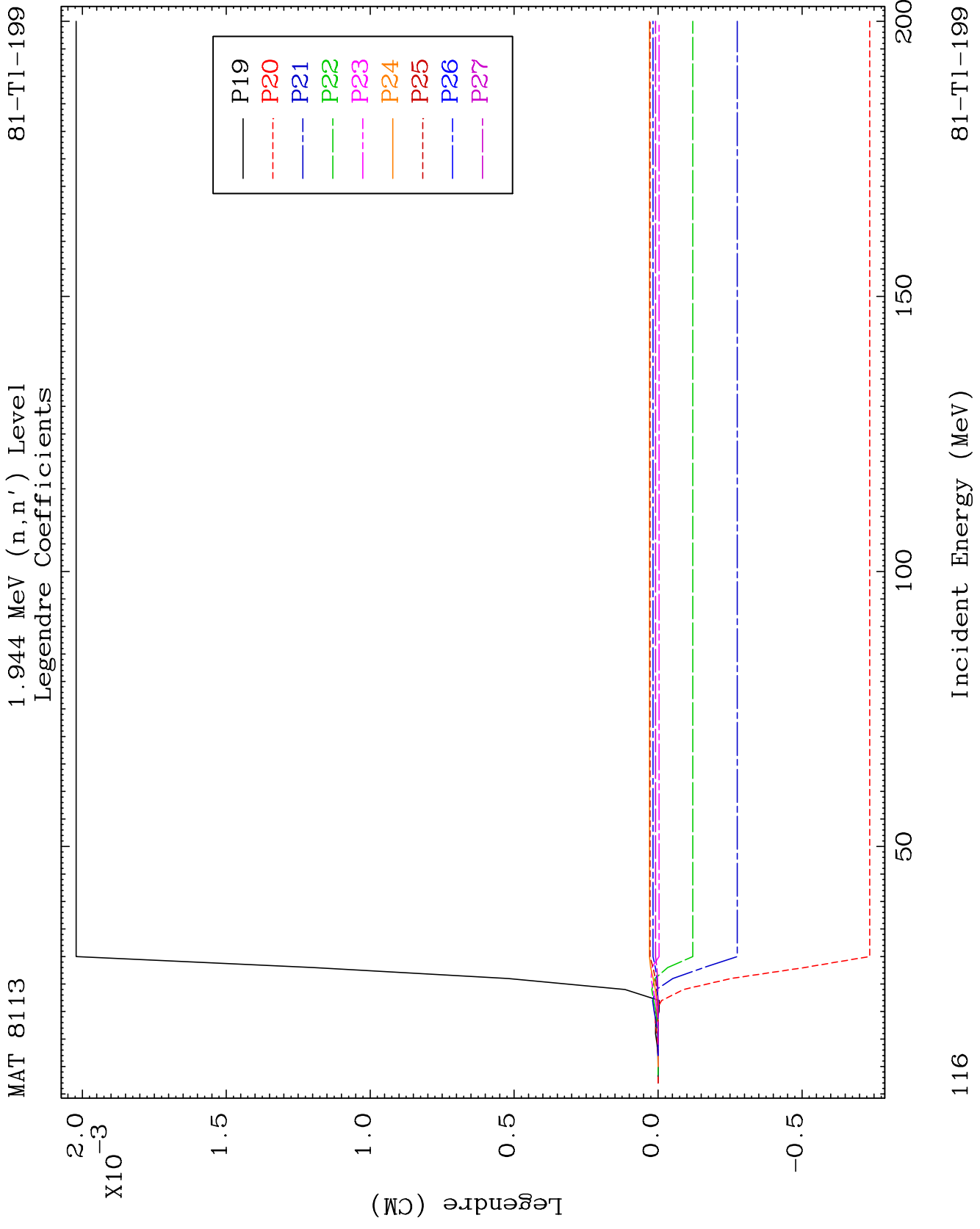


81-T1-199

Incident Energy (MeV)

114

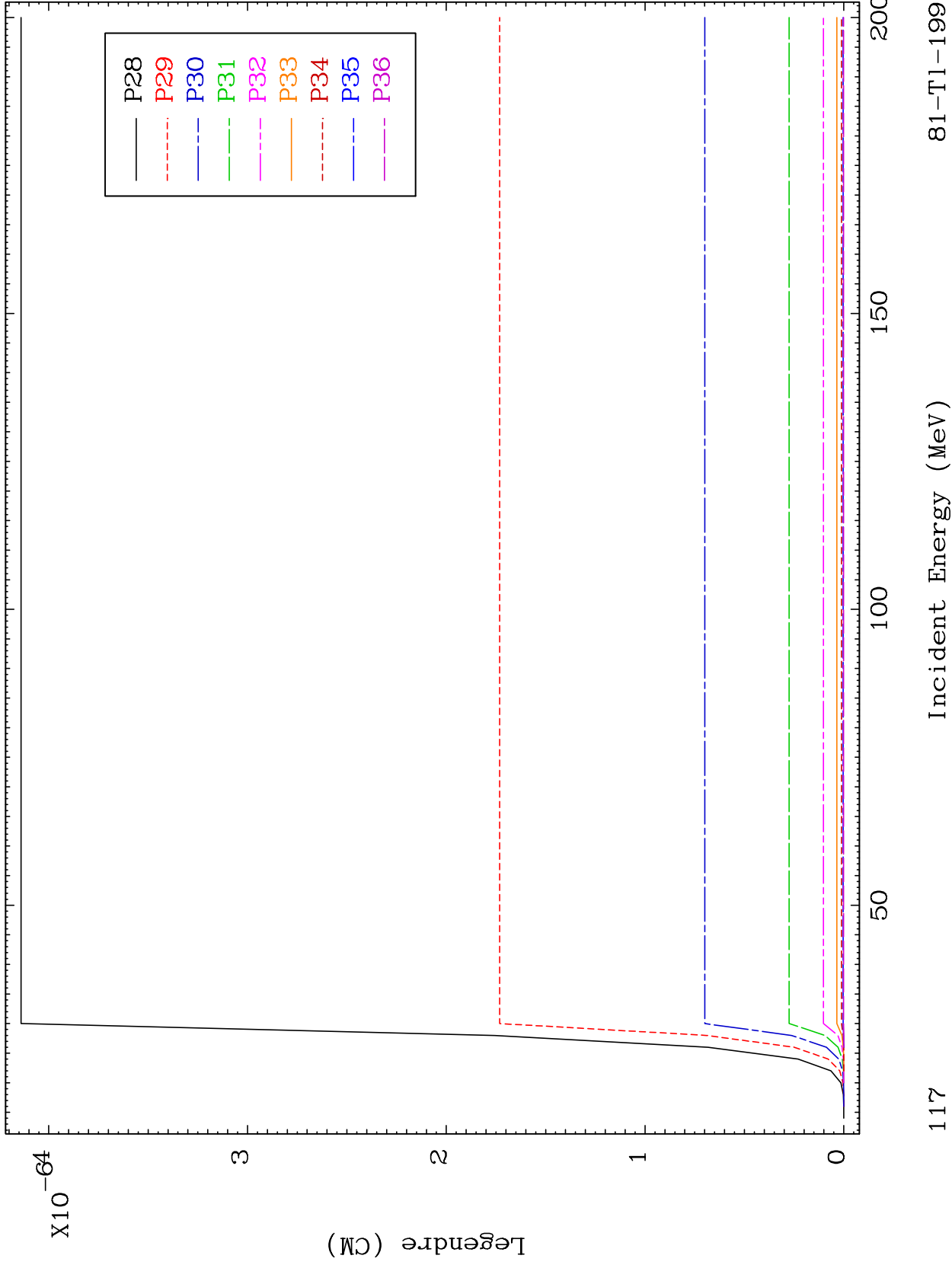




MAT 8113

1.944 MeV (n,n') Level
Legendre Coefficients

81-T1-199

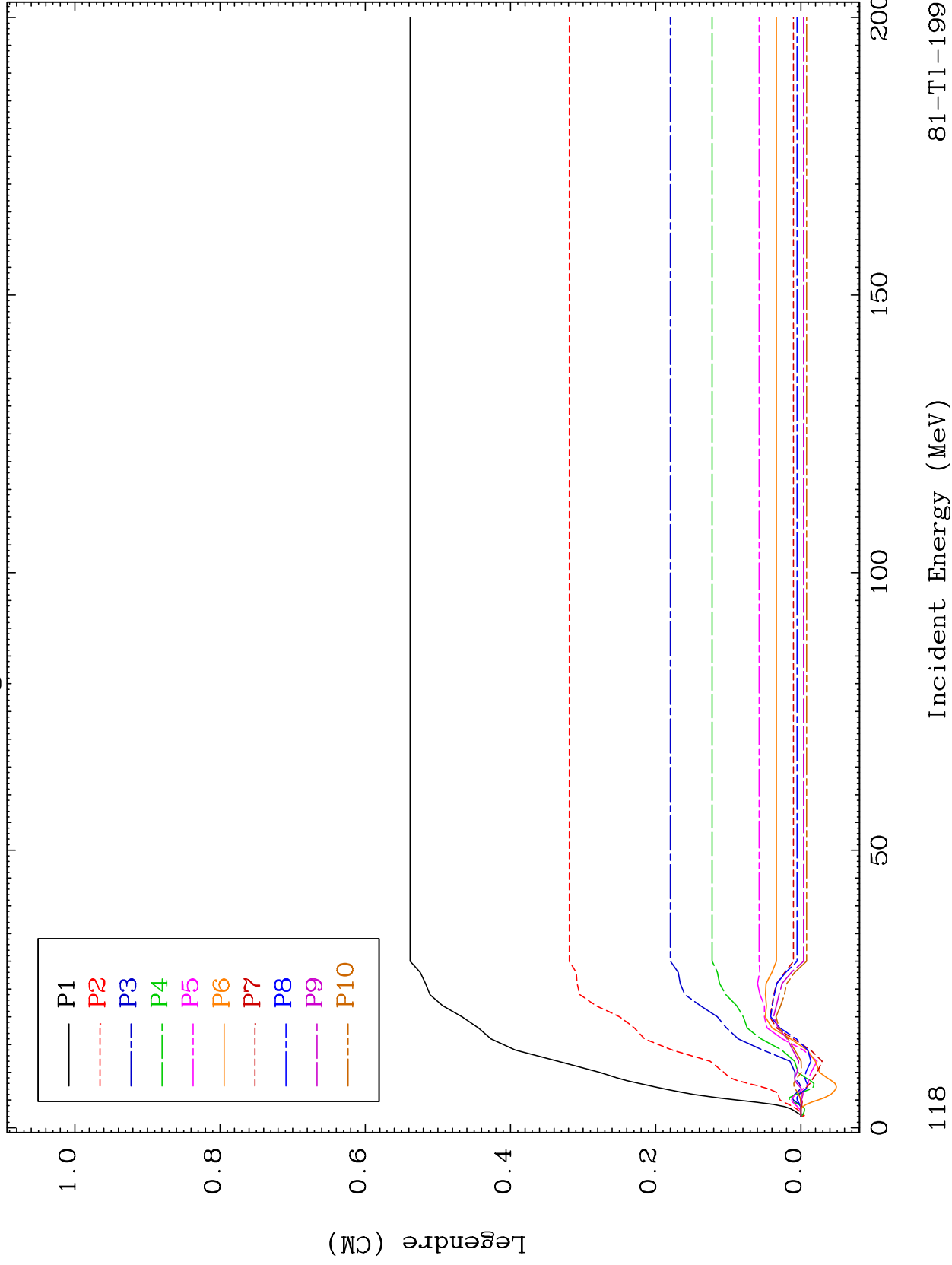


117

MAT 81113

1.959 MeV (n,n') Level
Legendre Coefficients

81-T1-199



118

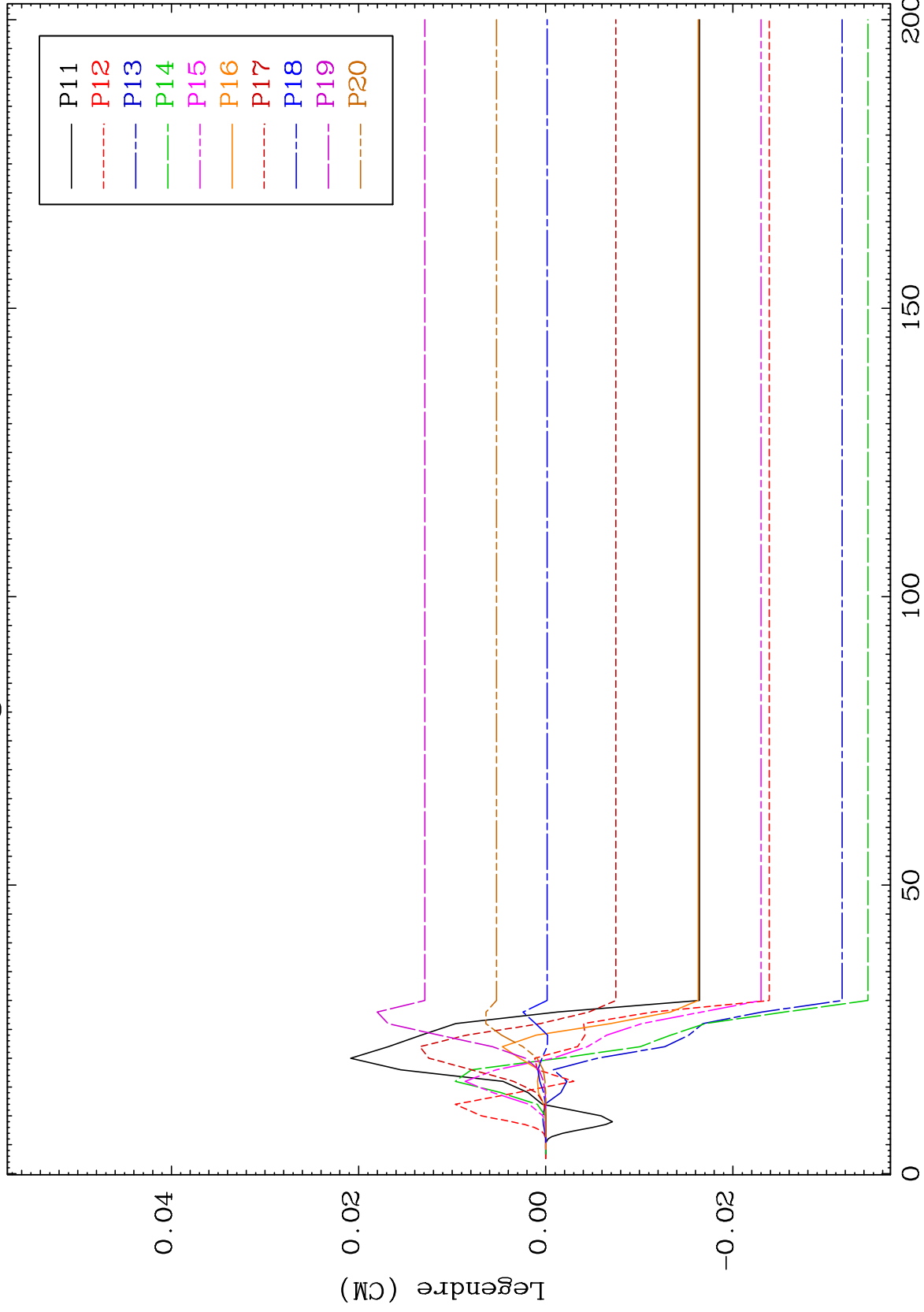
Incident Energy (MeV)

81-T1-199

MAT 8113

1.959 MeV (n,n') Level
Legendre Coefficients

81-T1-199



119

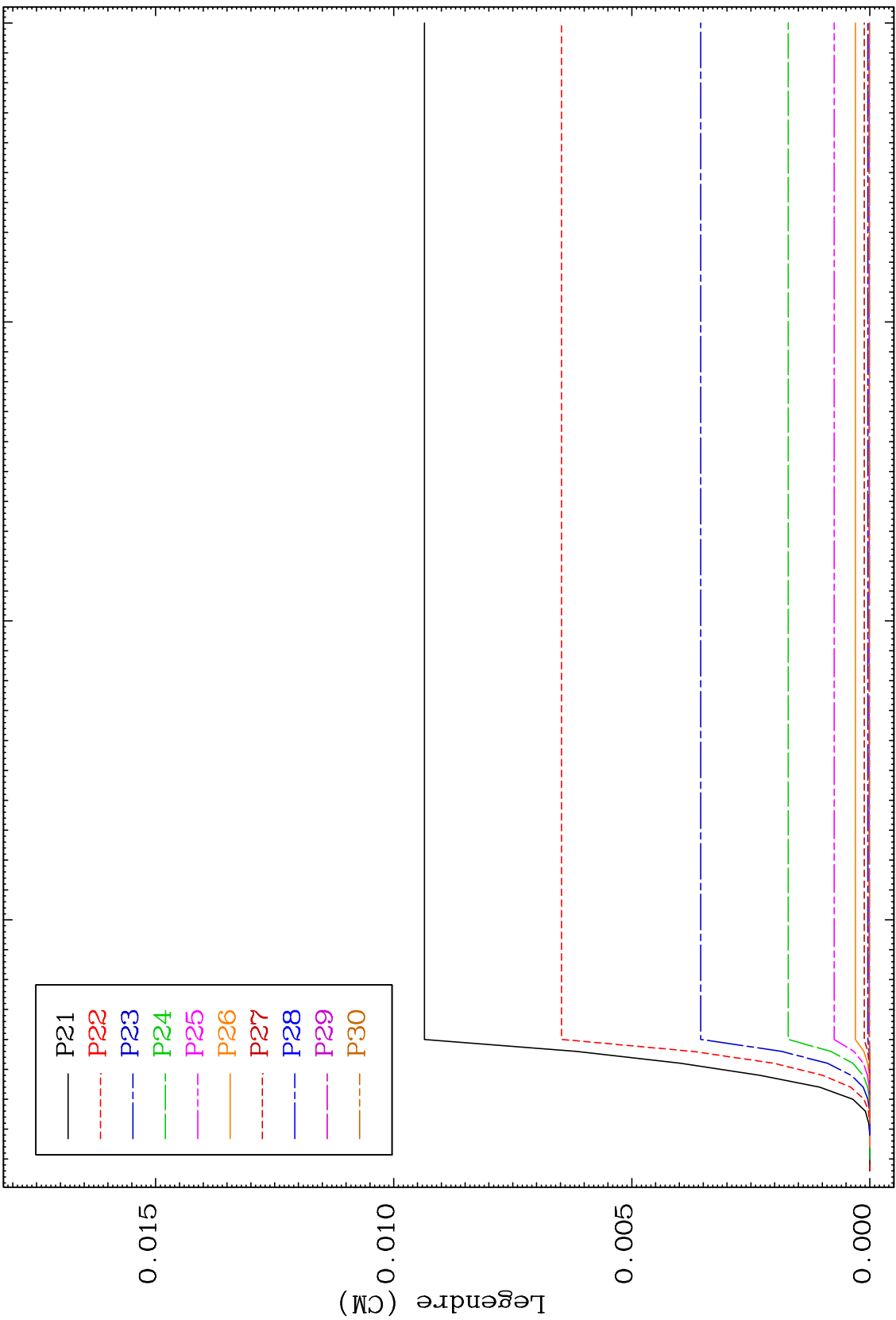
Incident Energy (MeV)

81-T1-199

MAT 8113

1.959 MeV (n,n') Level
Legendre Coefficients

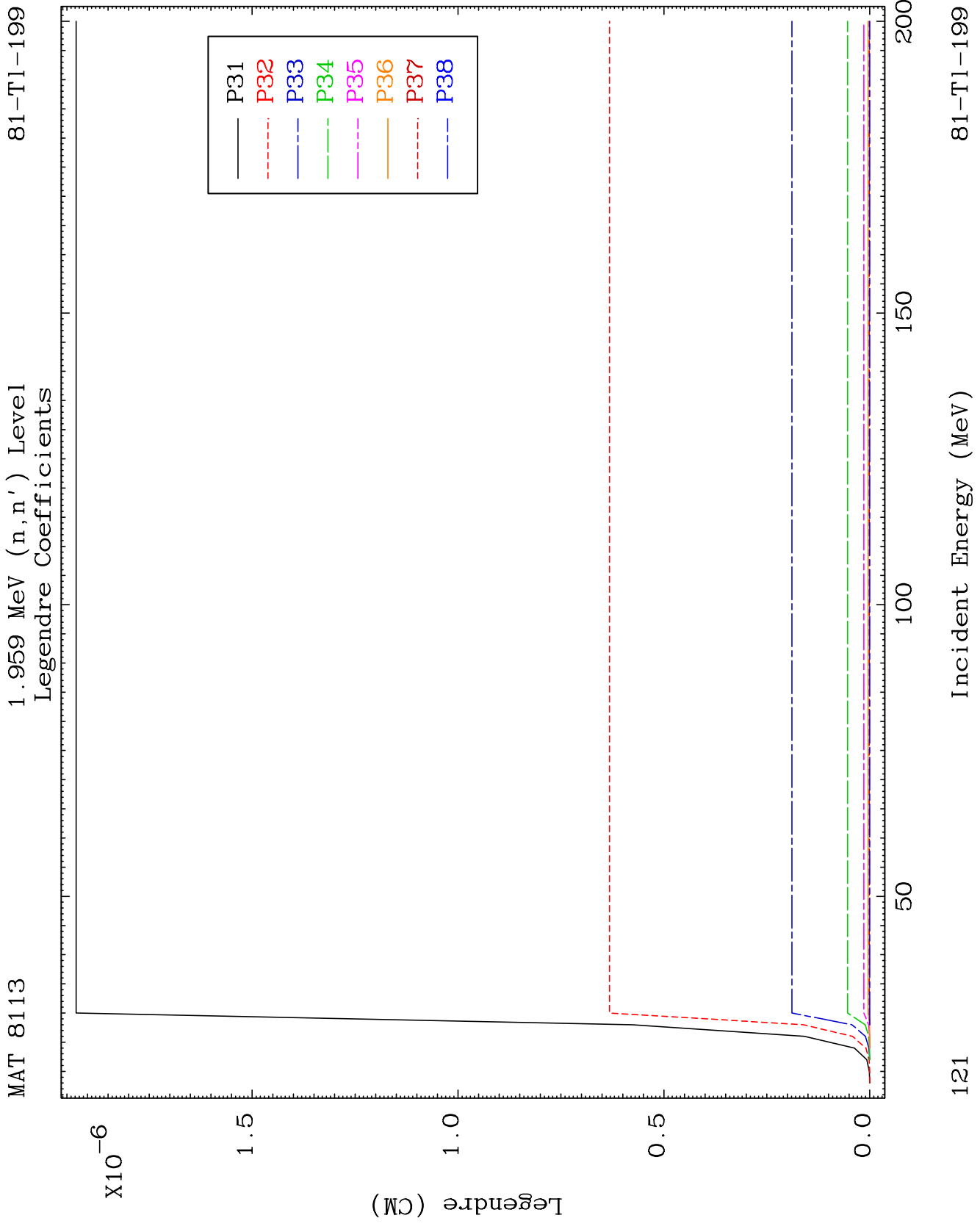
81-T1-199

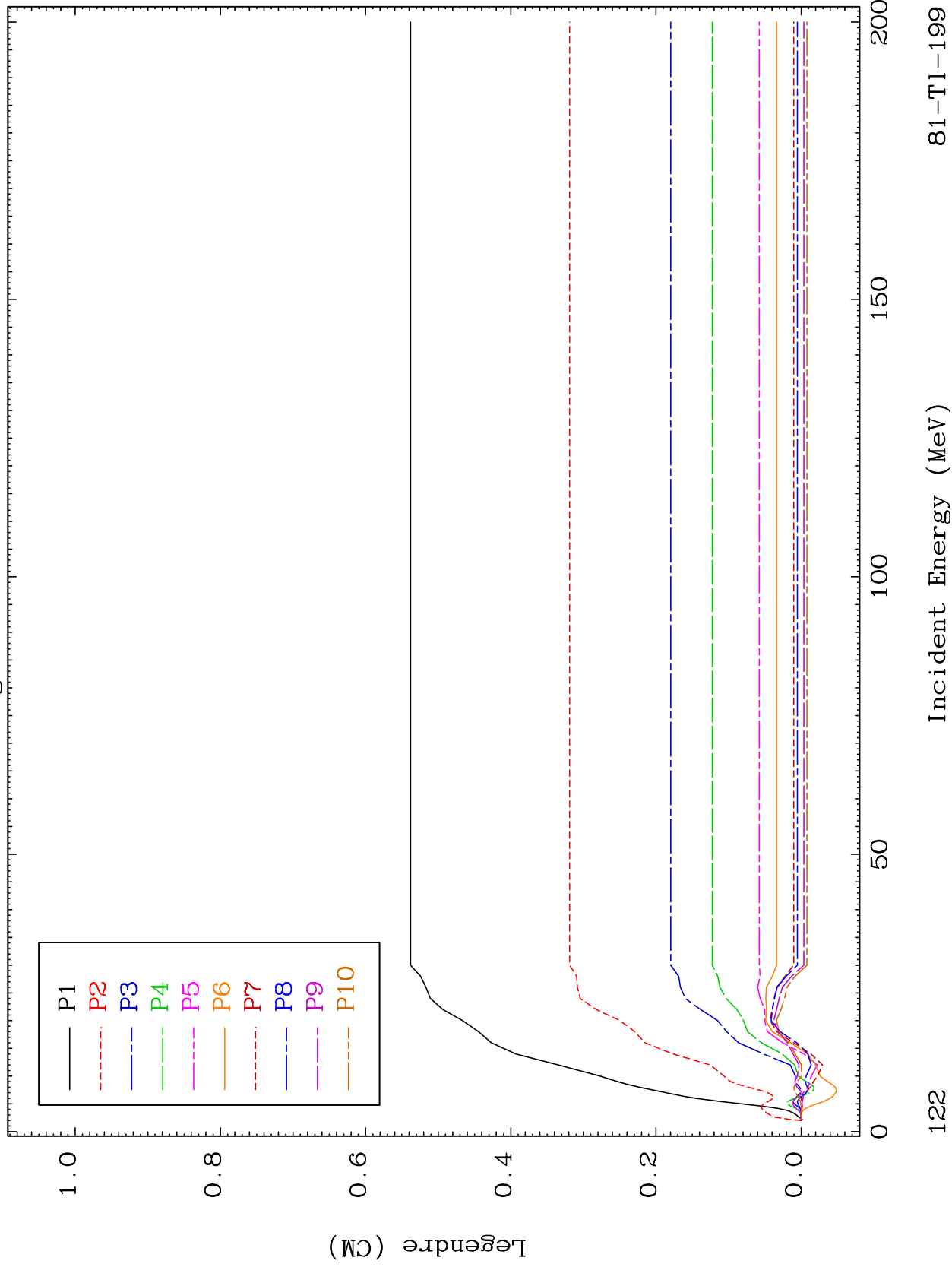


120

Incident Energy (MeV)

81-T1-199

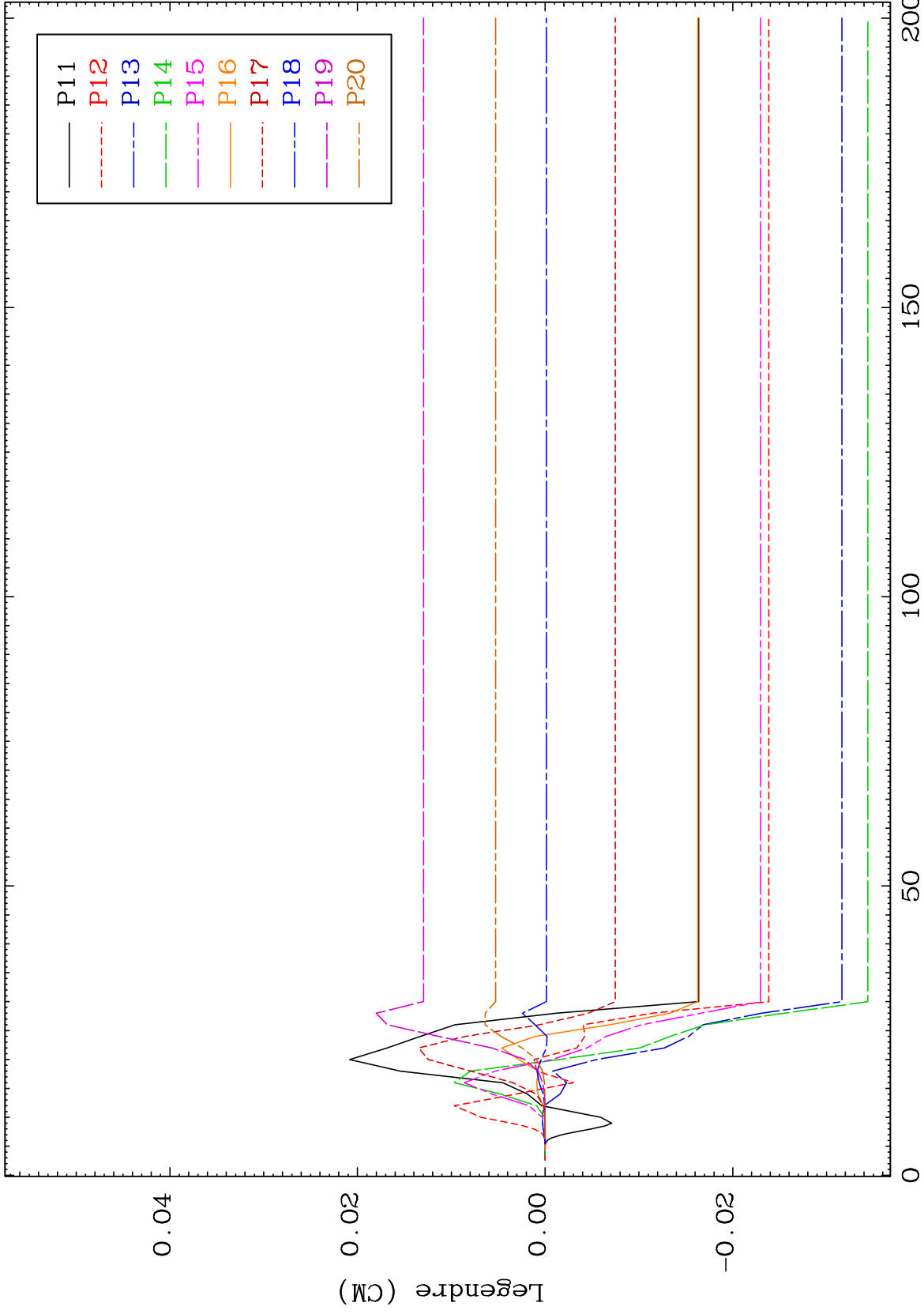




MAT 8113

1.977 MeV (n,n') Level
Legendre Coefficients

81-T1-199



123

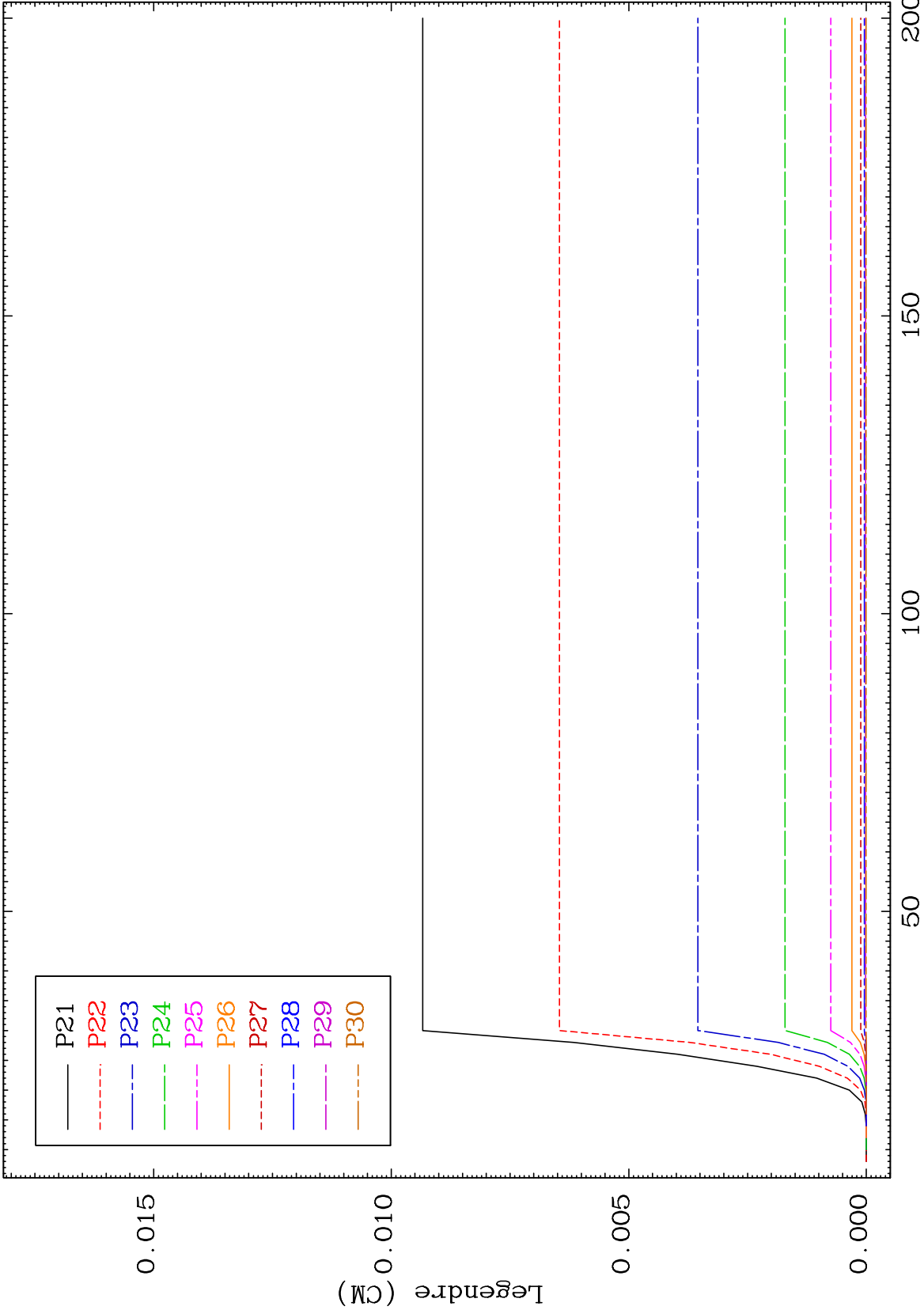
Incident Energy (MeV)

81-T1-199

MAT 8113

1.977 MeV (n,n') Level
Legendre Coefficients

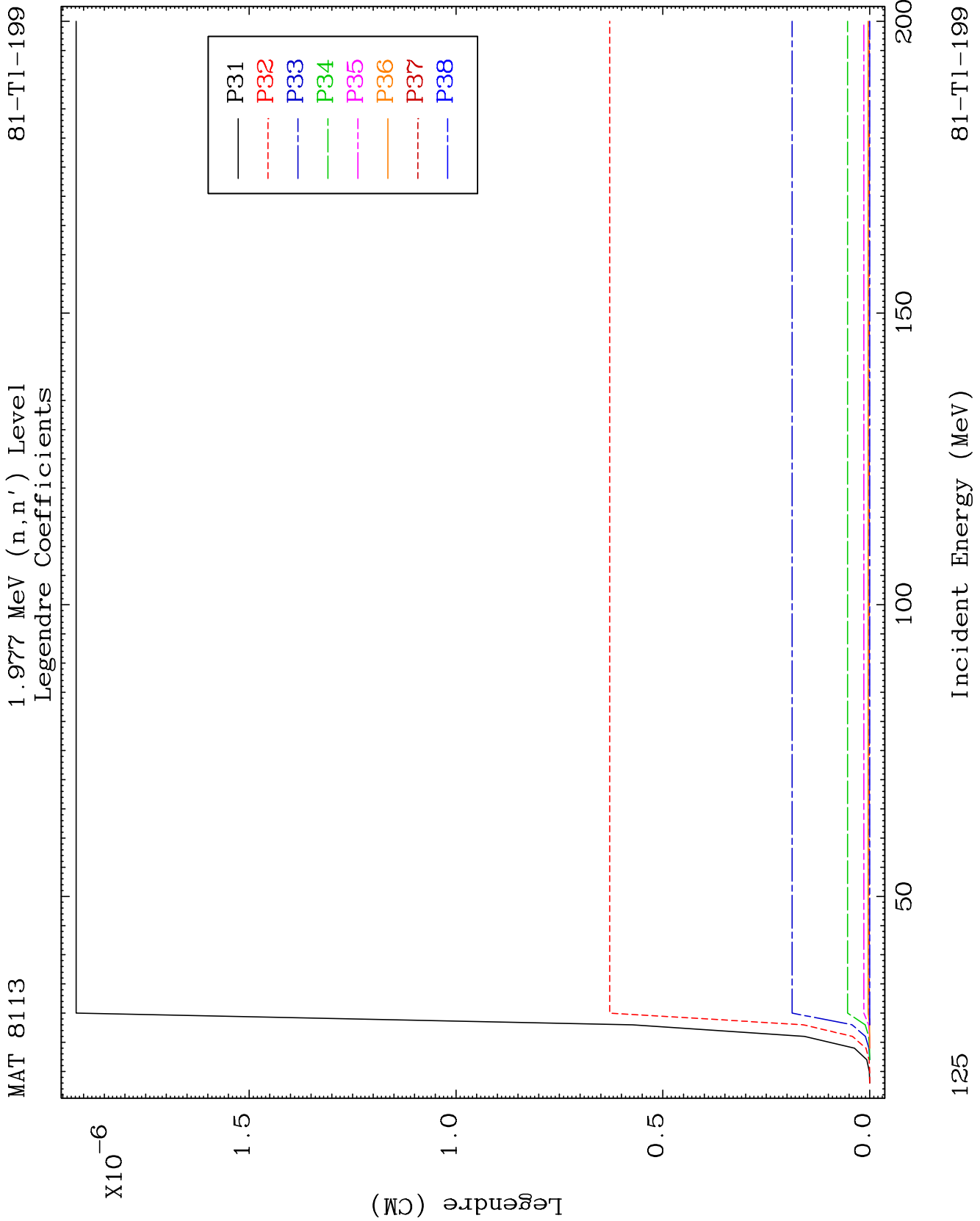
81-T1-199

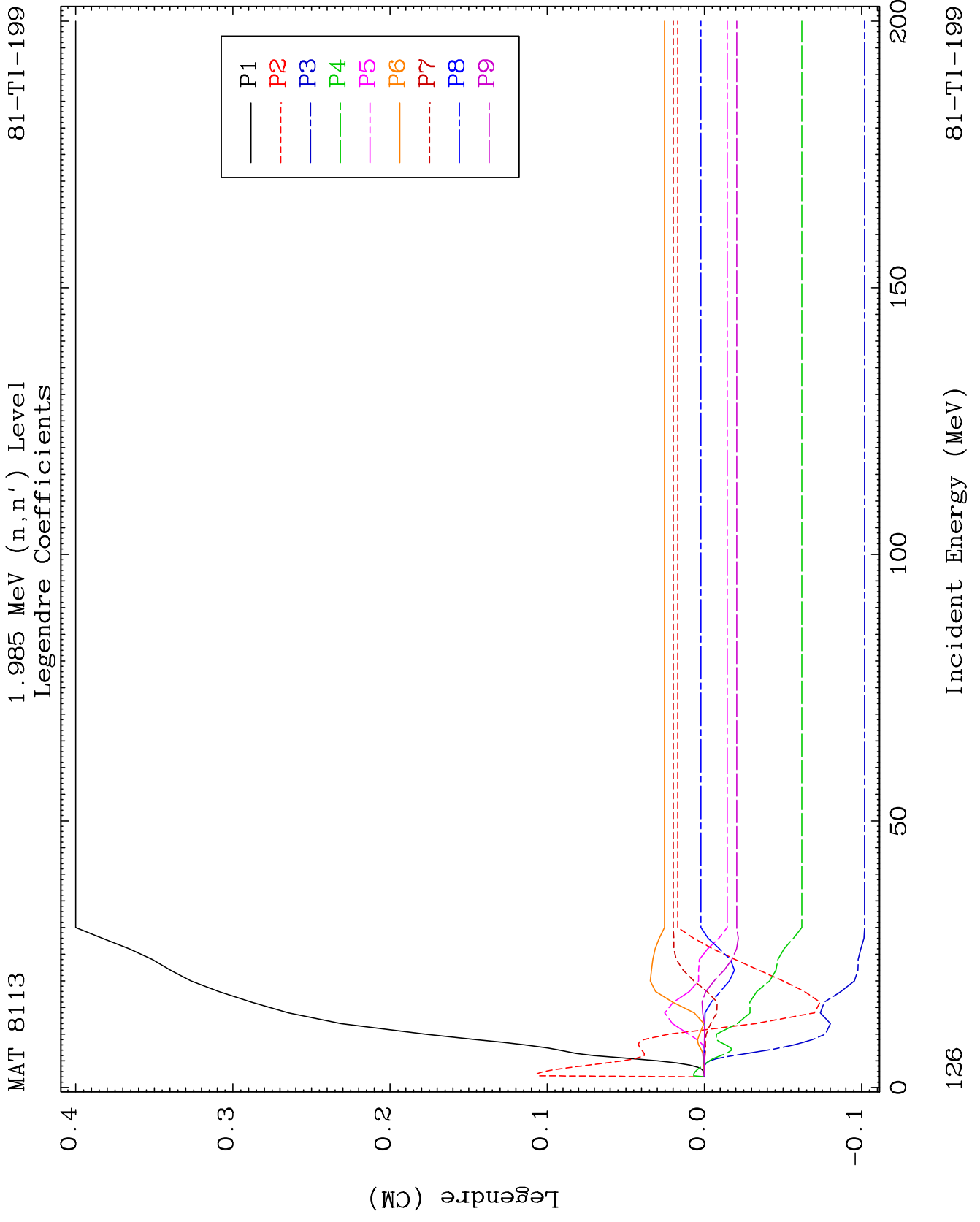


124

Incident Energy (MeV)

81-T1-199

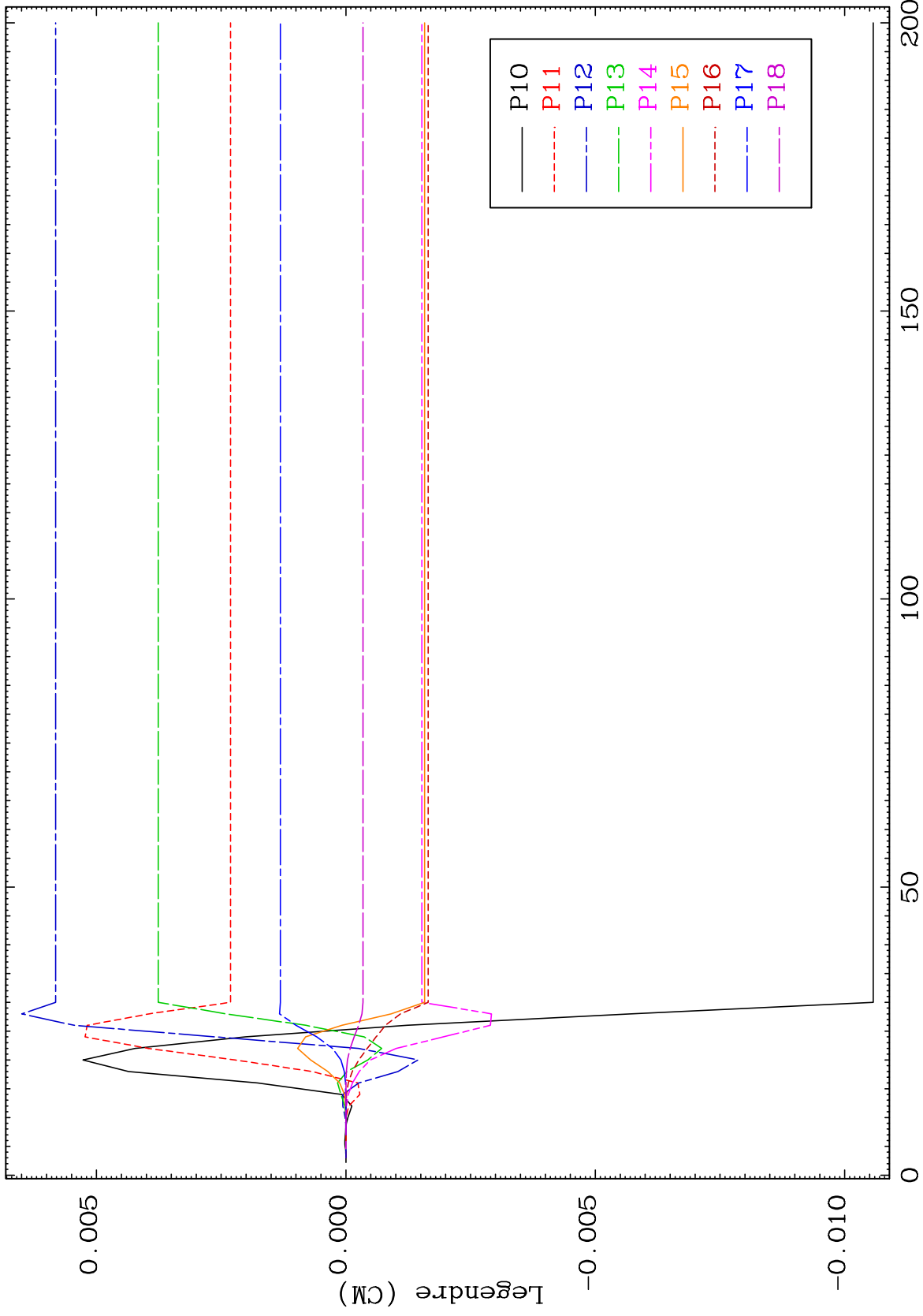




MAT 81113

1.985 MeV (n,n') Level
Legendre Coefficients

81-T1-199



127

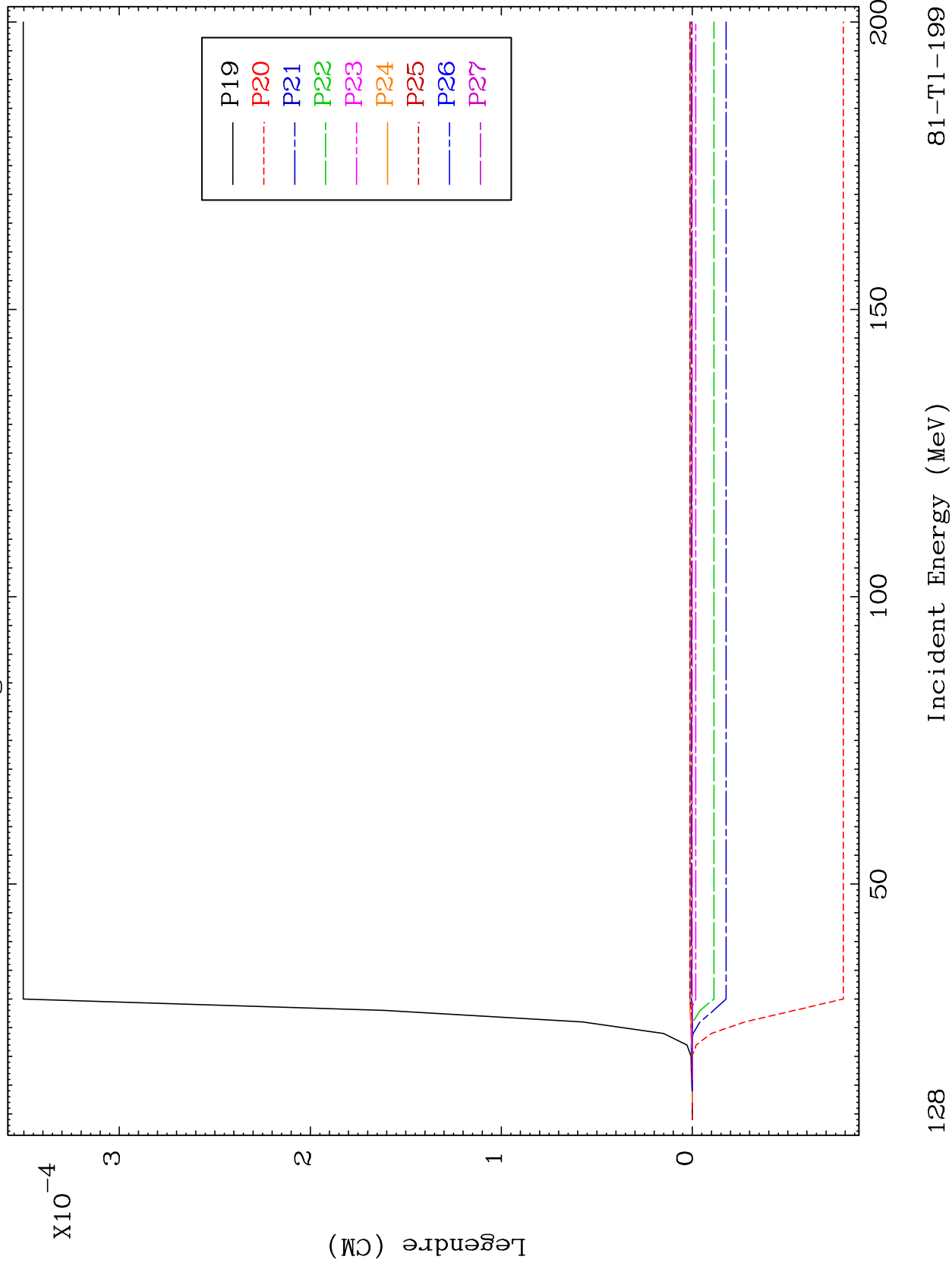
Incident Energy (MeV)

81-T1-199

MAT 8113

1.985 MeV (n,n') Level
Legendre Coefficients

81-T1-199

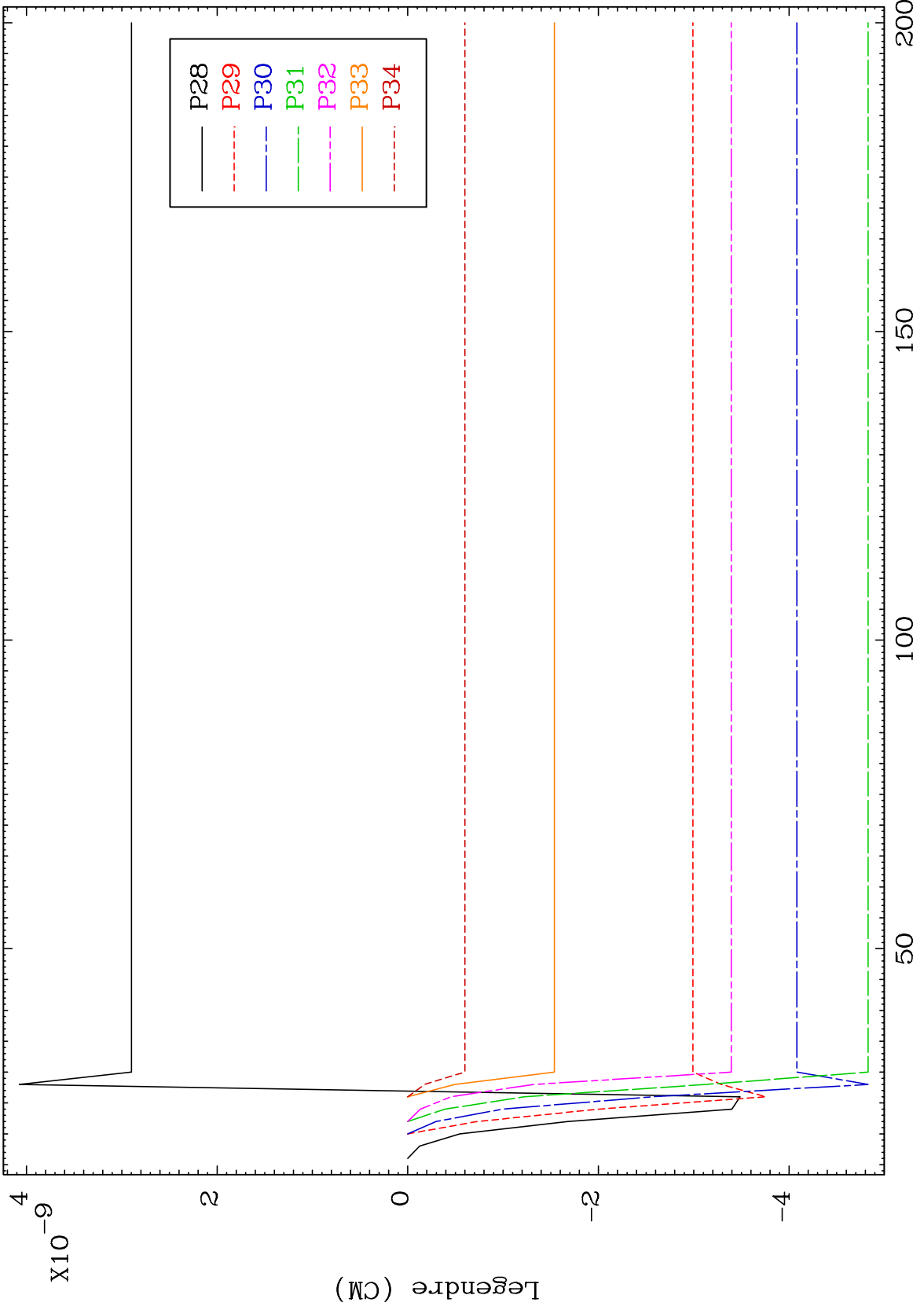


128

MAT 8113

1.985 MeV (n,n') Level
Legendre Coefficients

81-T1-199



129

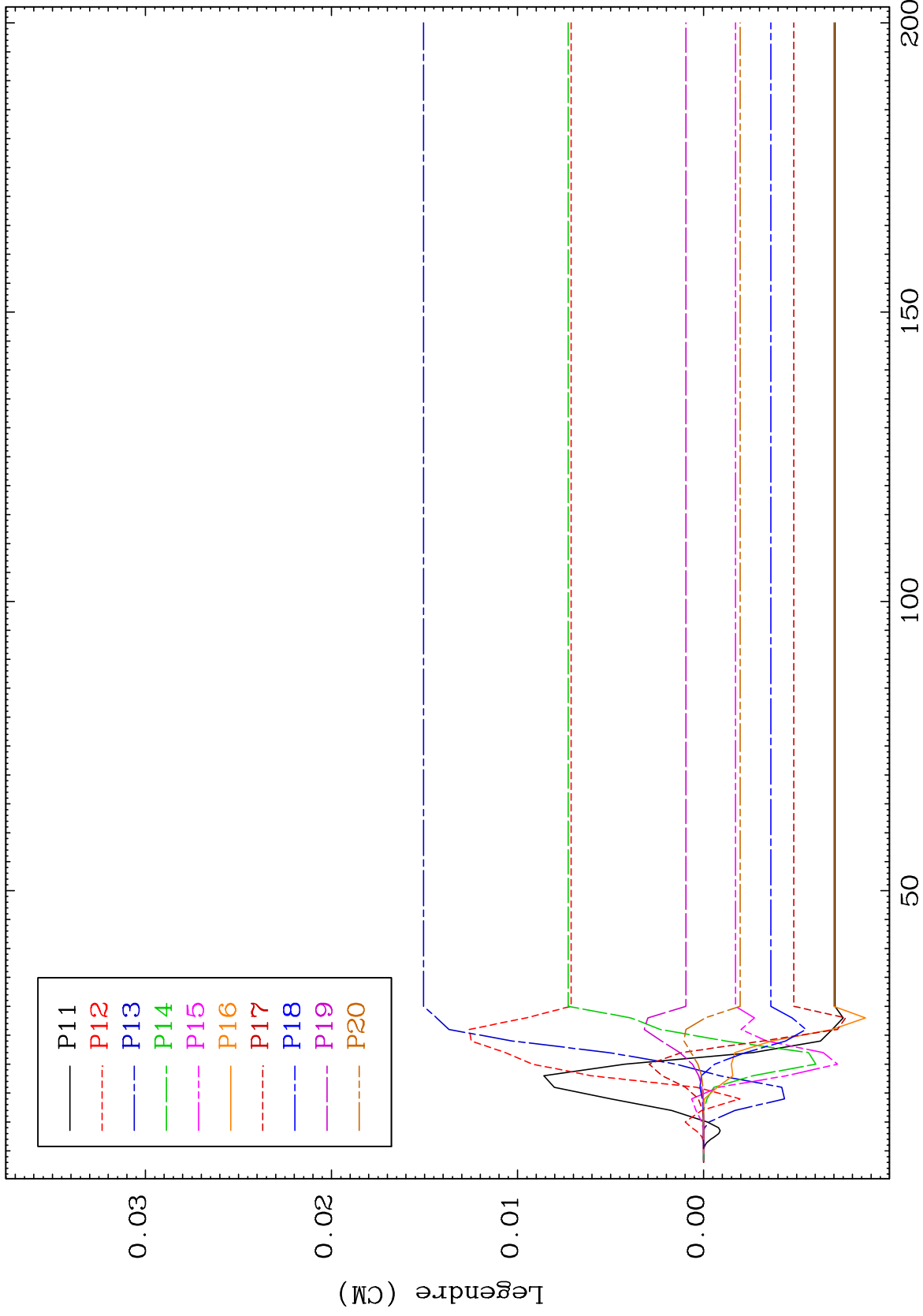
Incident Energy (MeV)

81-T1-199

MAT 8113

2.032 MeV (n,n') Level
Legendre Coefficients

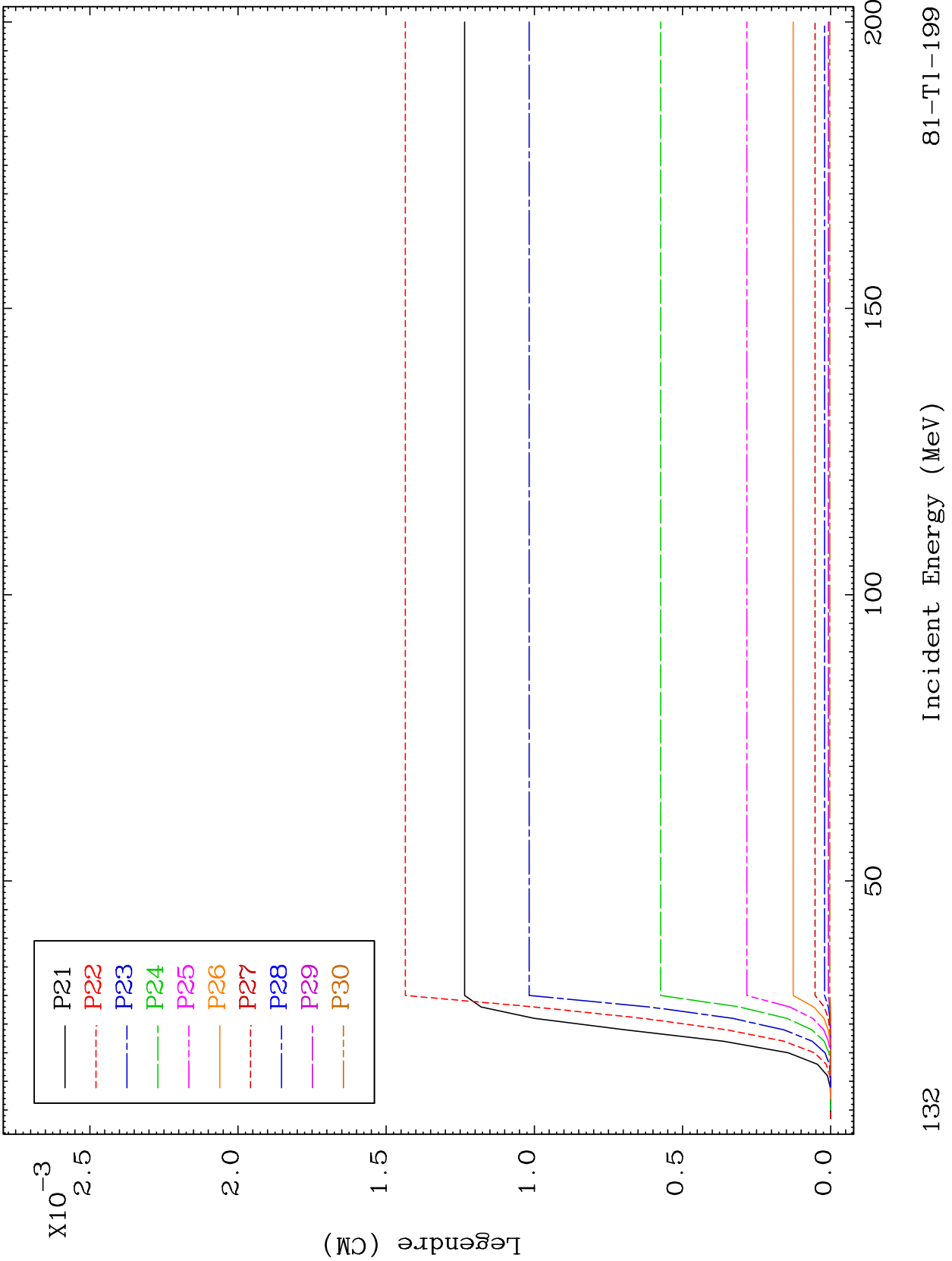
81-T1-199

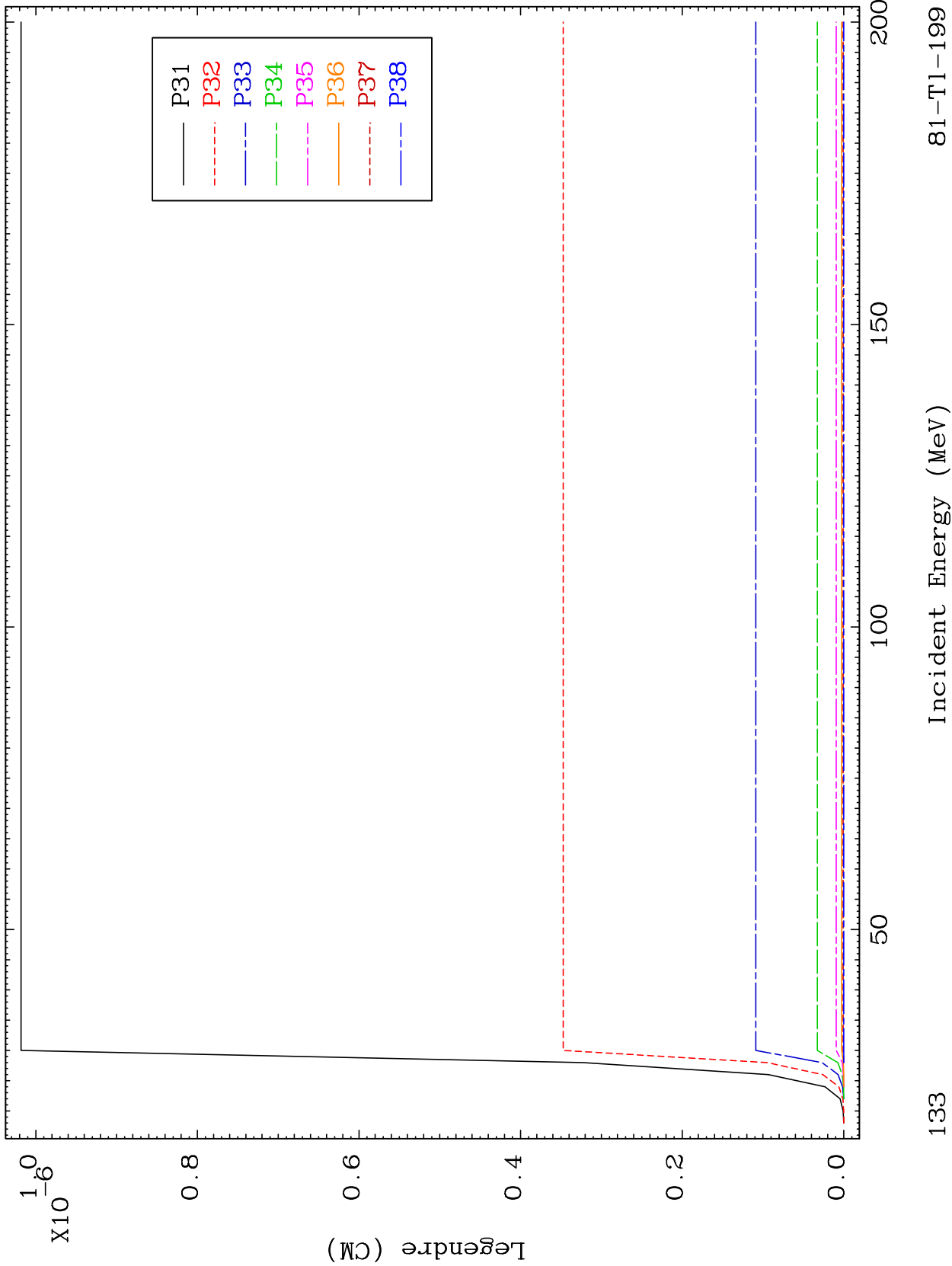


131

Incident Energy (MeV)

81-T1-199



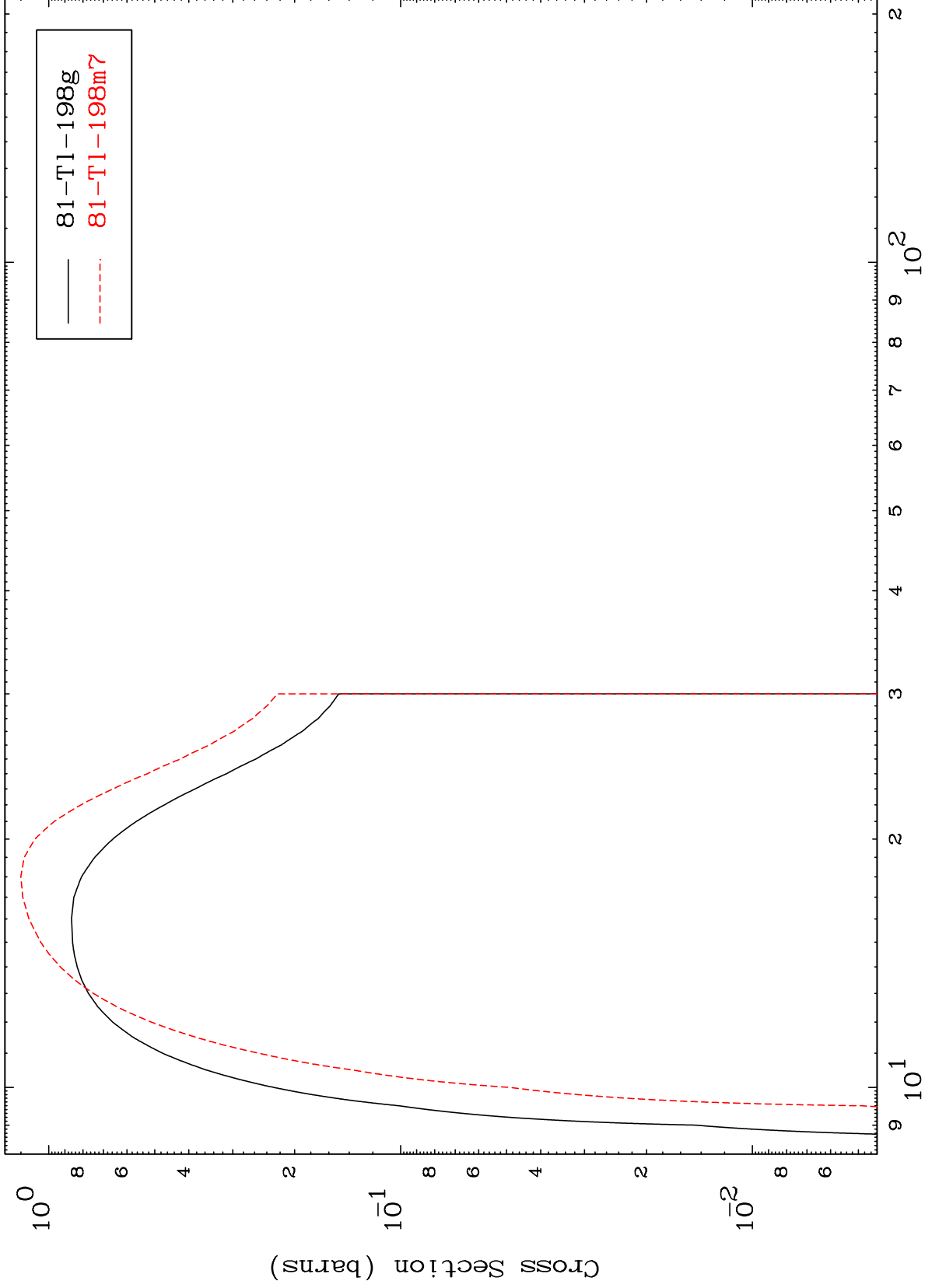


MAT 8113

(n,2n)

81-Tl-199

Radionuclide Production Cross Section



134

Incident Energy (MeV)

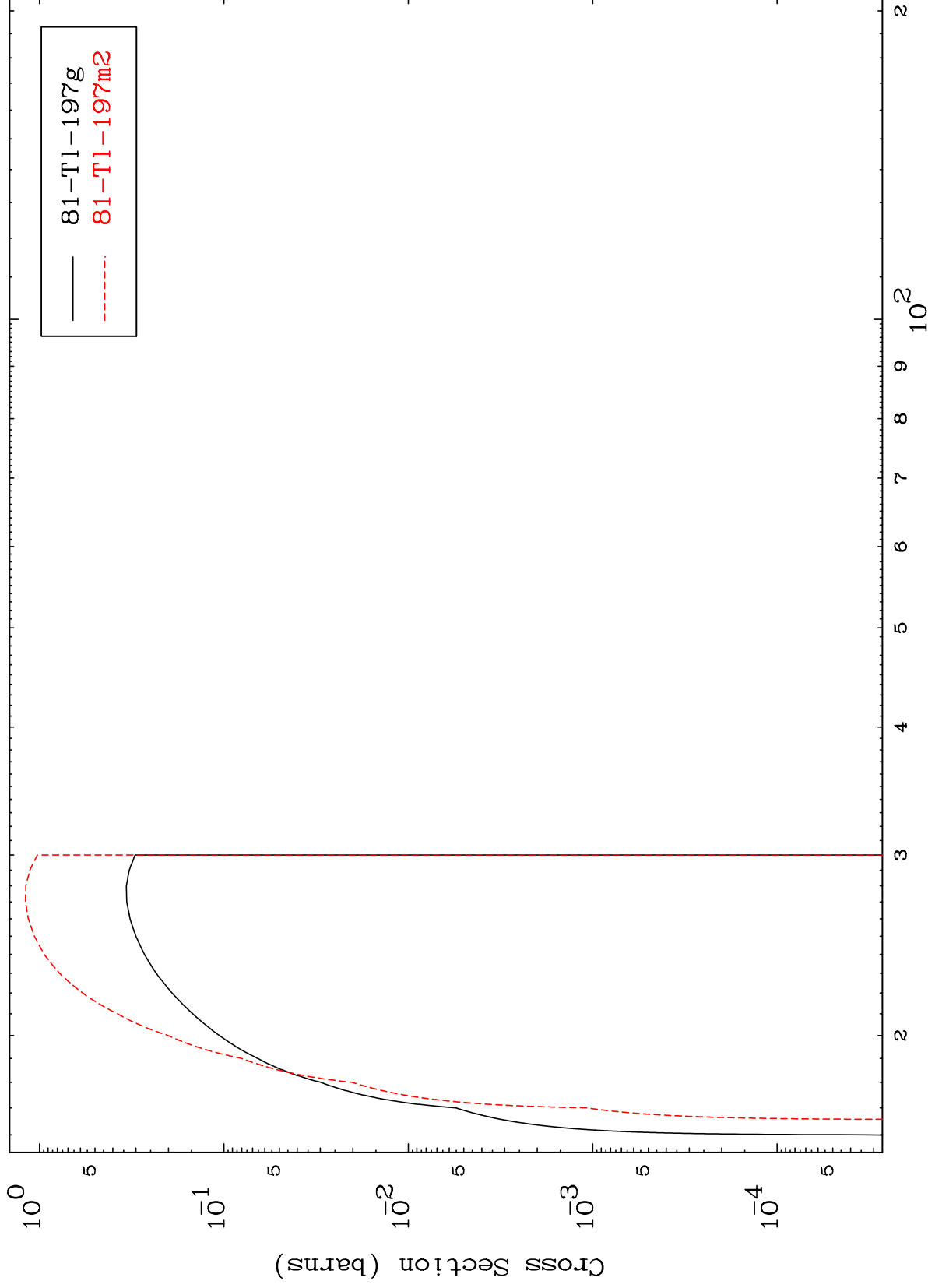
81-Tl-199

MAT 81113

(n,3n)

81-Tl-199

Radionuclide Production Cross Section



135

Incident Energy (MeV)

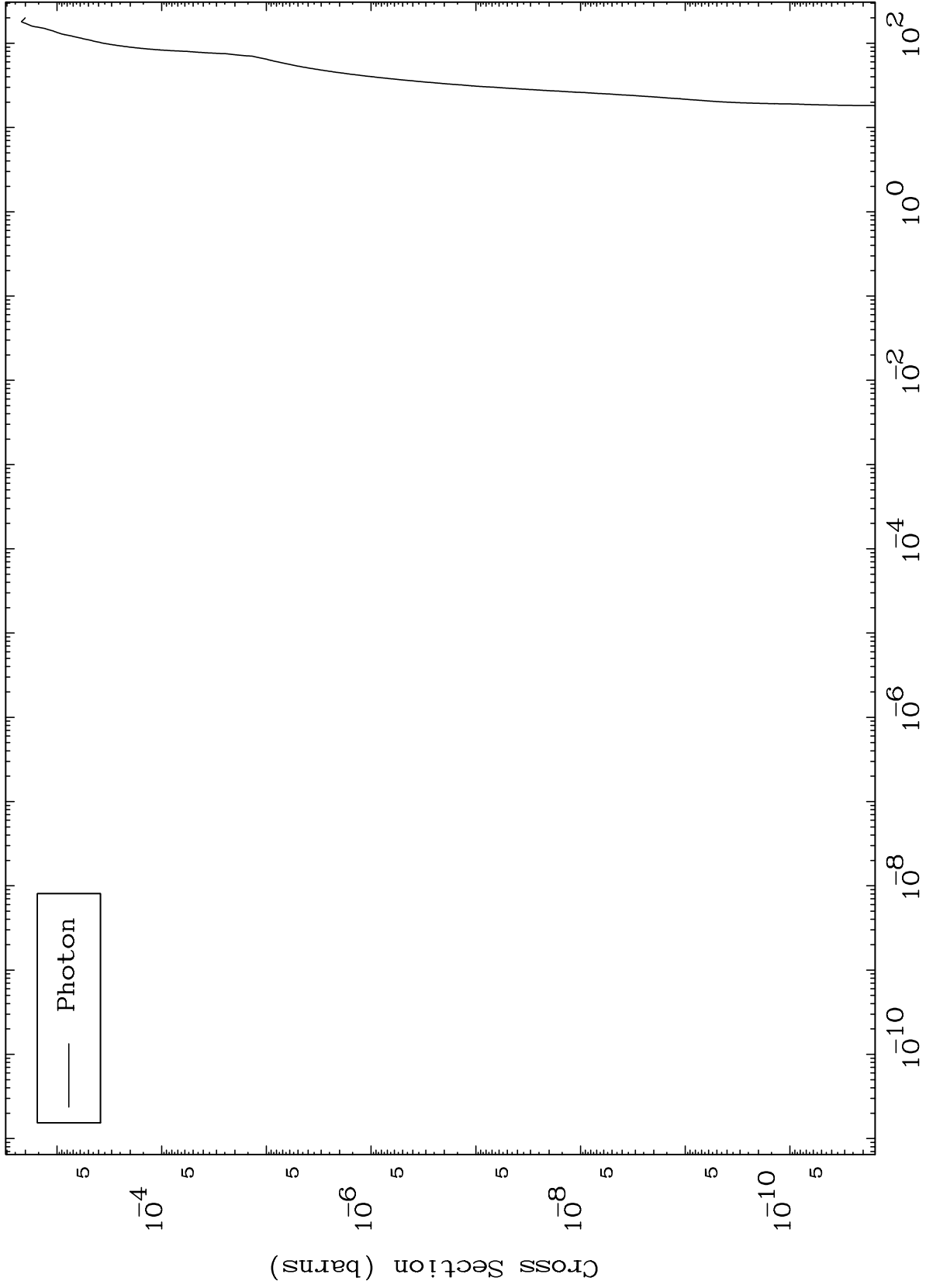
81-Tl-199

MAT 8113

Fission

81-Tl-199

Radionuclide Production Cross Section



136

Incident Energy (MeV)

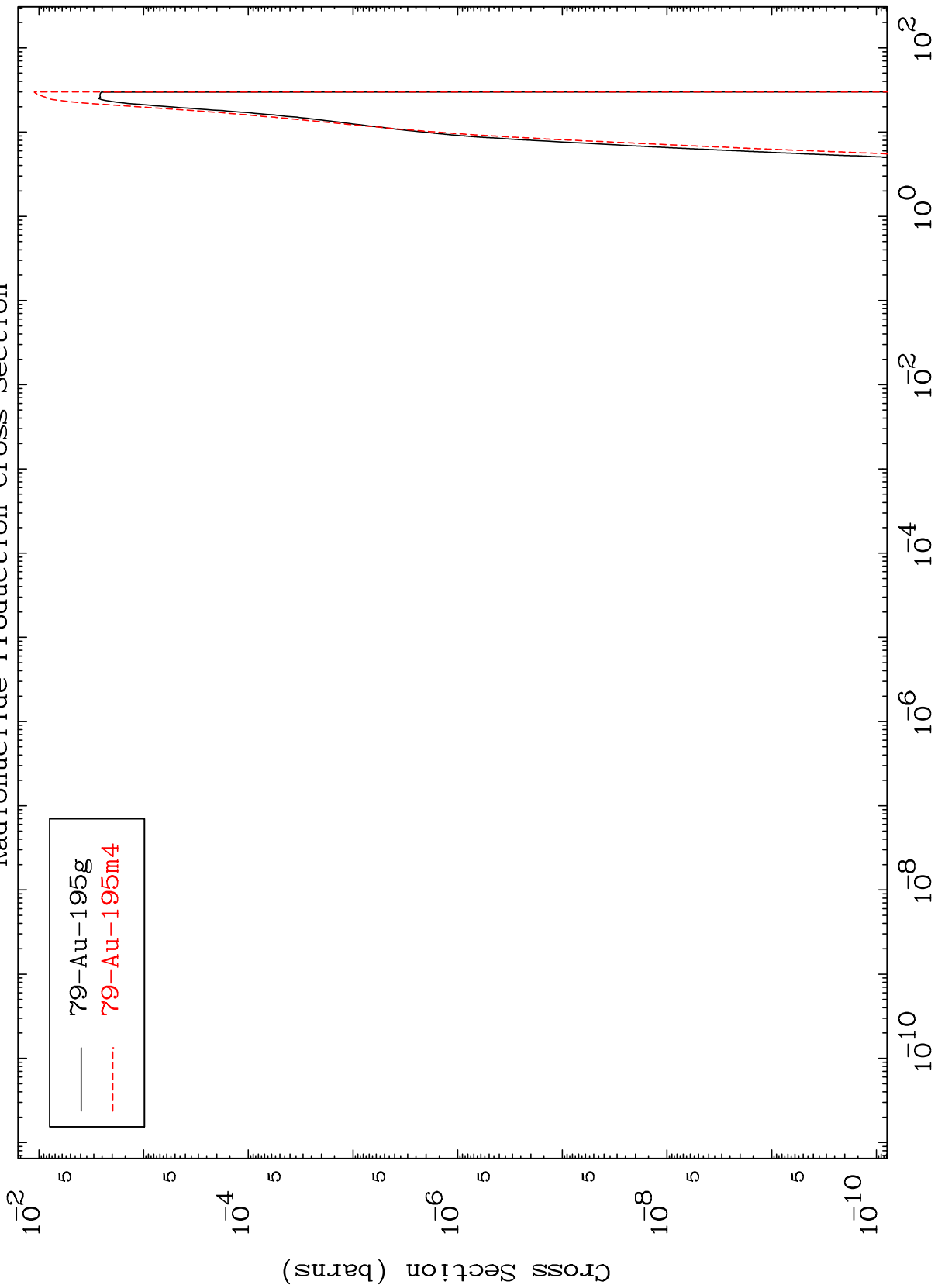
81-Tl-199

MAT 8113

$(n, n') \alpha$

81-Tl-199

Radionuclide Production Cross Section



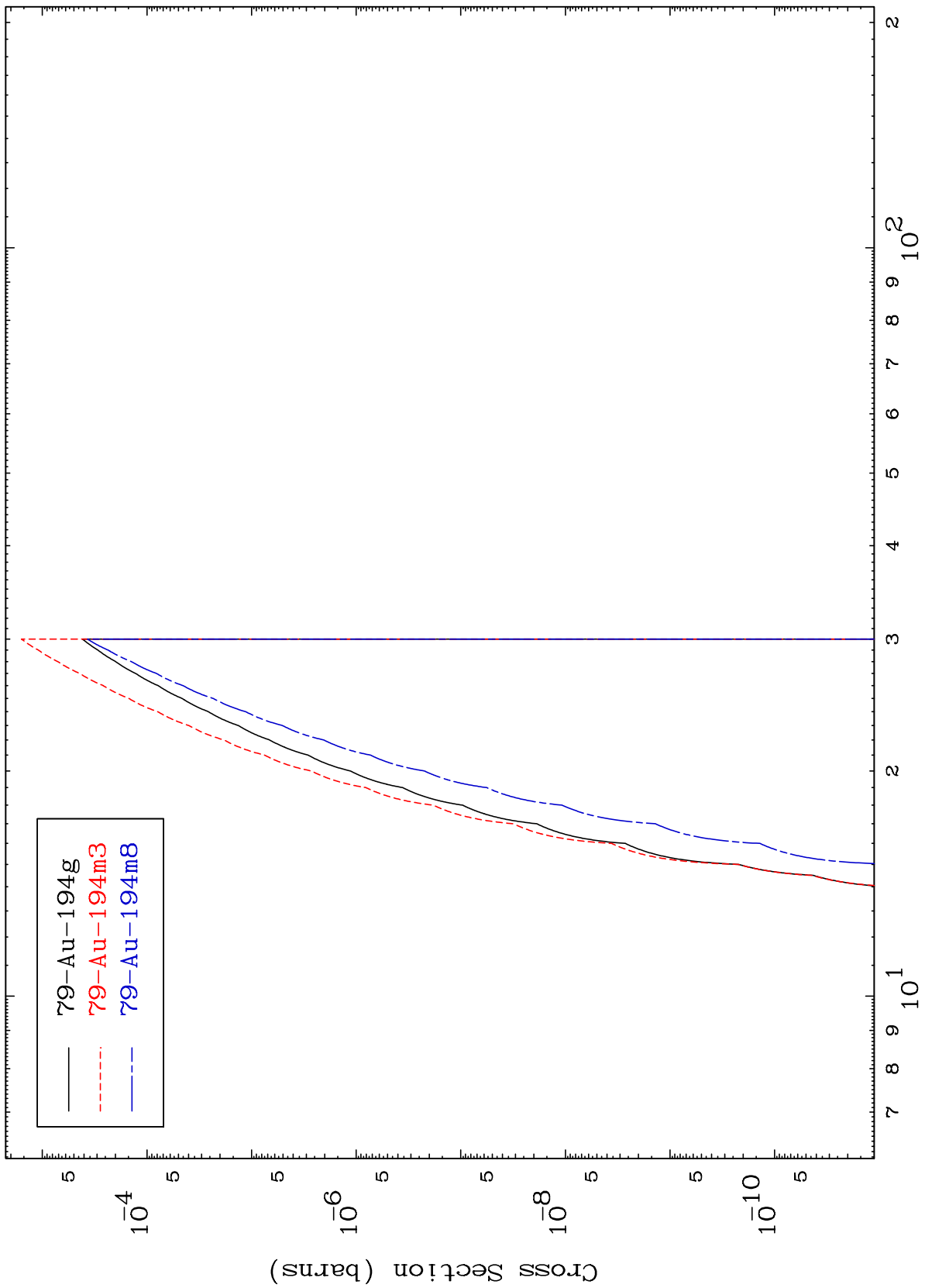
— ^{195}gAu
- - - $^{195}\text{m4Au}$

137

Incident Energy (MeV)

81-Tl-199

(n,2n) α
Radionuclide Production Cross Section



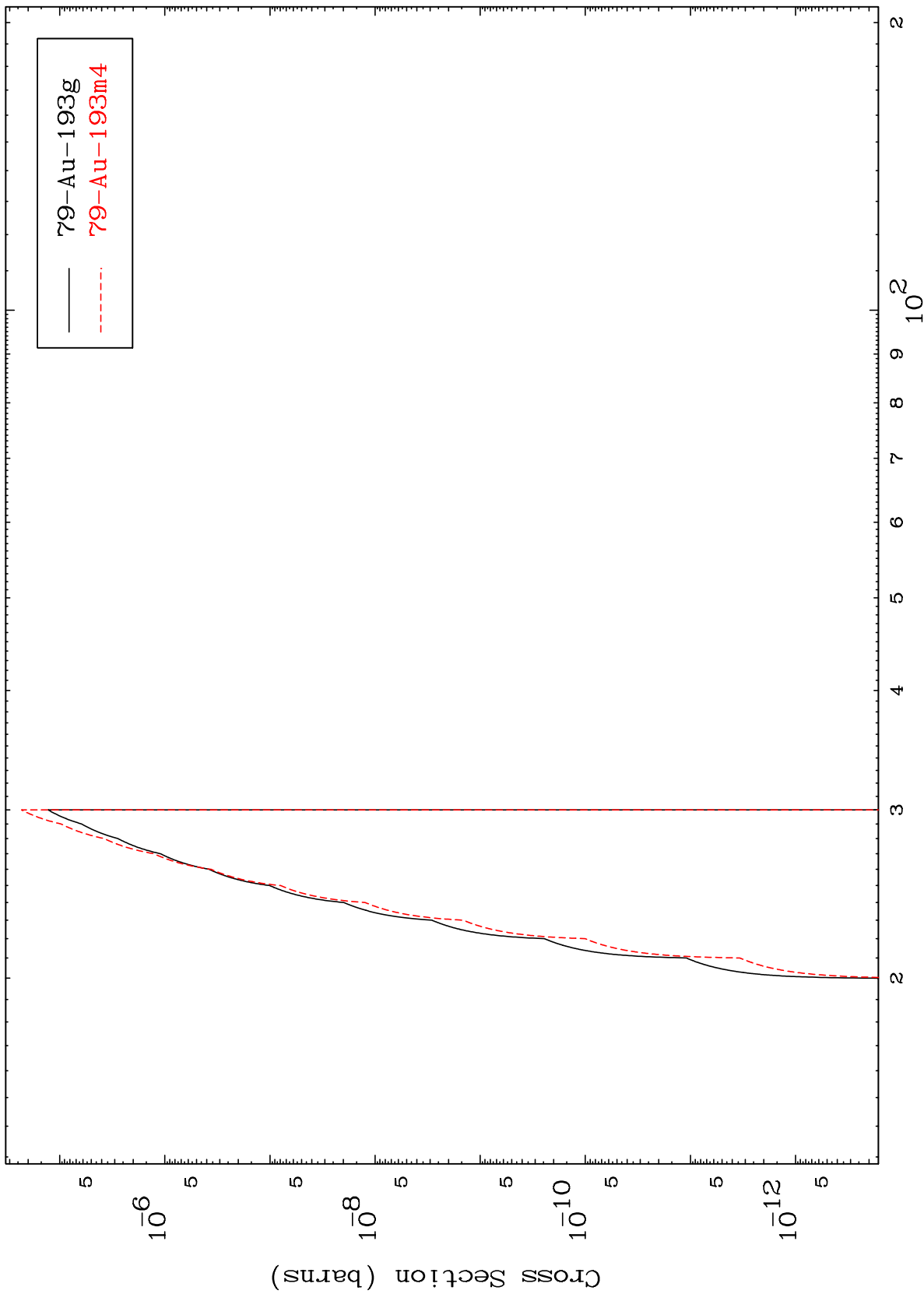
79-Au-194g
79-Au-194m3
79-Au-194m8

MAT 81113

(n,3n) α

81-Tl-199

Radionuclide Production Cross Section



139

Incident Energy (MeV)

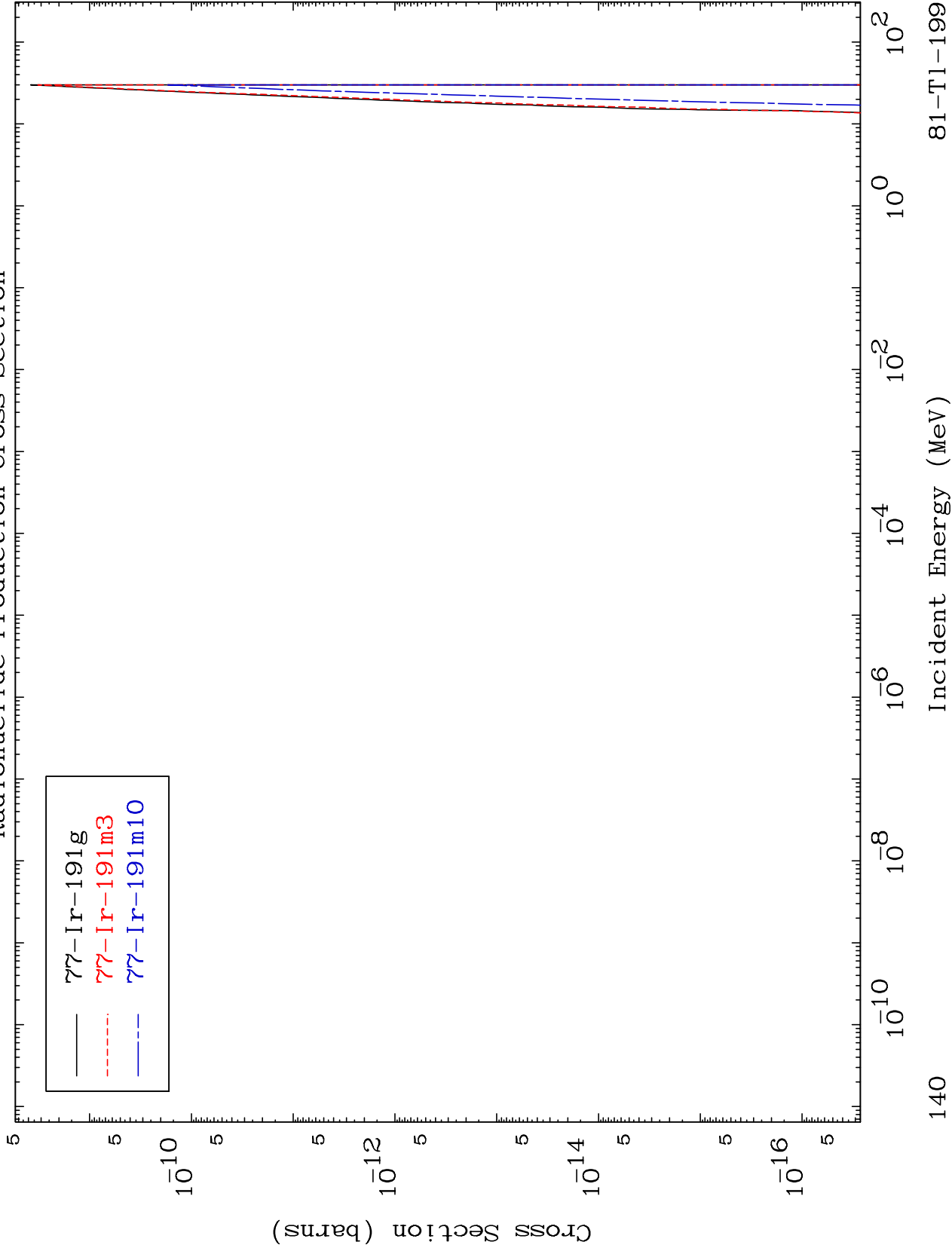
81-Tl-199

MAT 81113

(n,n') 2 α

81-Tl-199

Radionuclide Production Cross Section



140

Incident Energy (MeV)

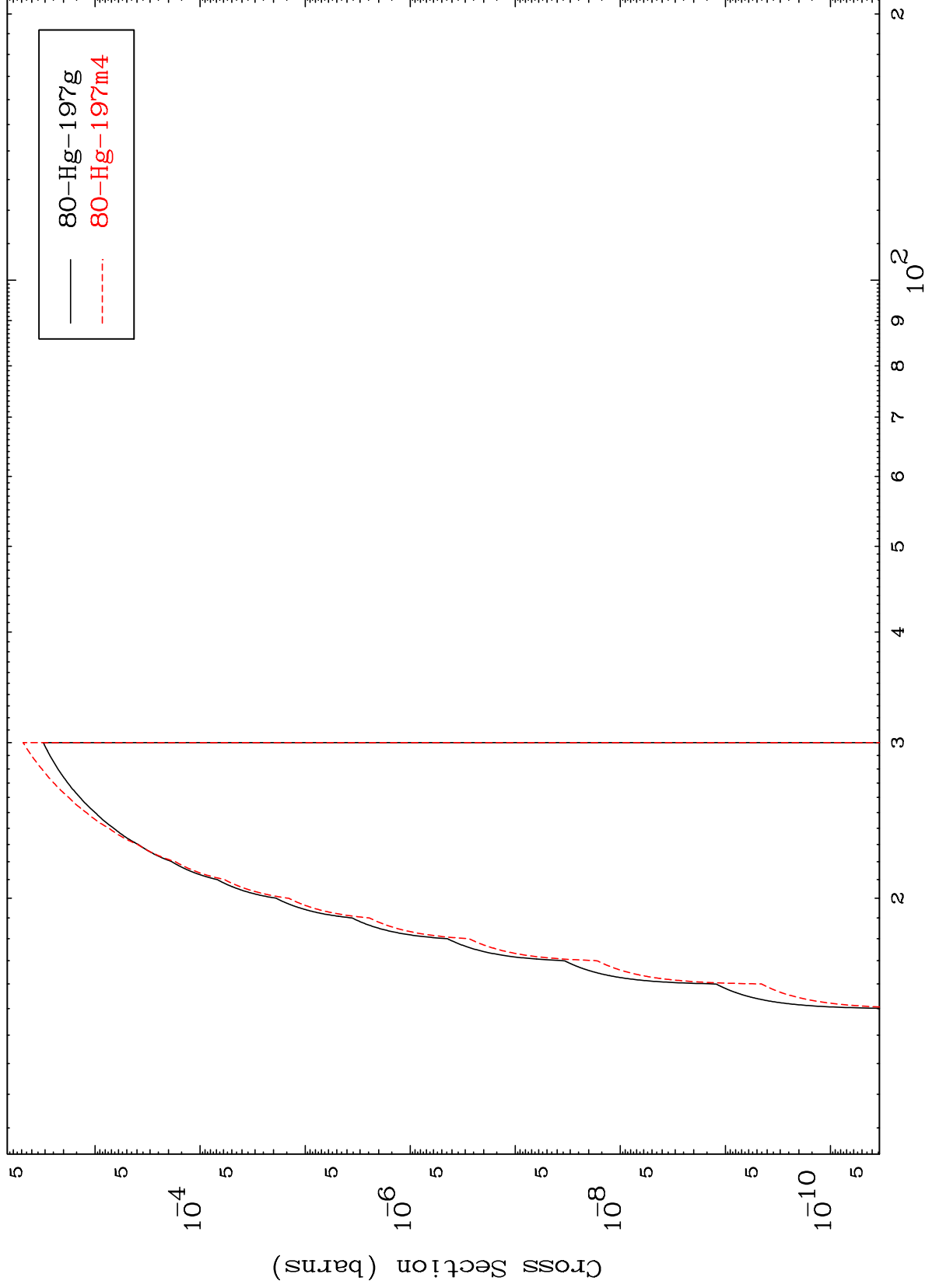
81-Tl-199

MAT 81113

(n,n') d

81-Tl-199

Radionuclide Production Cross Section

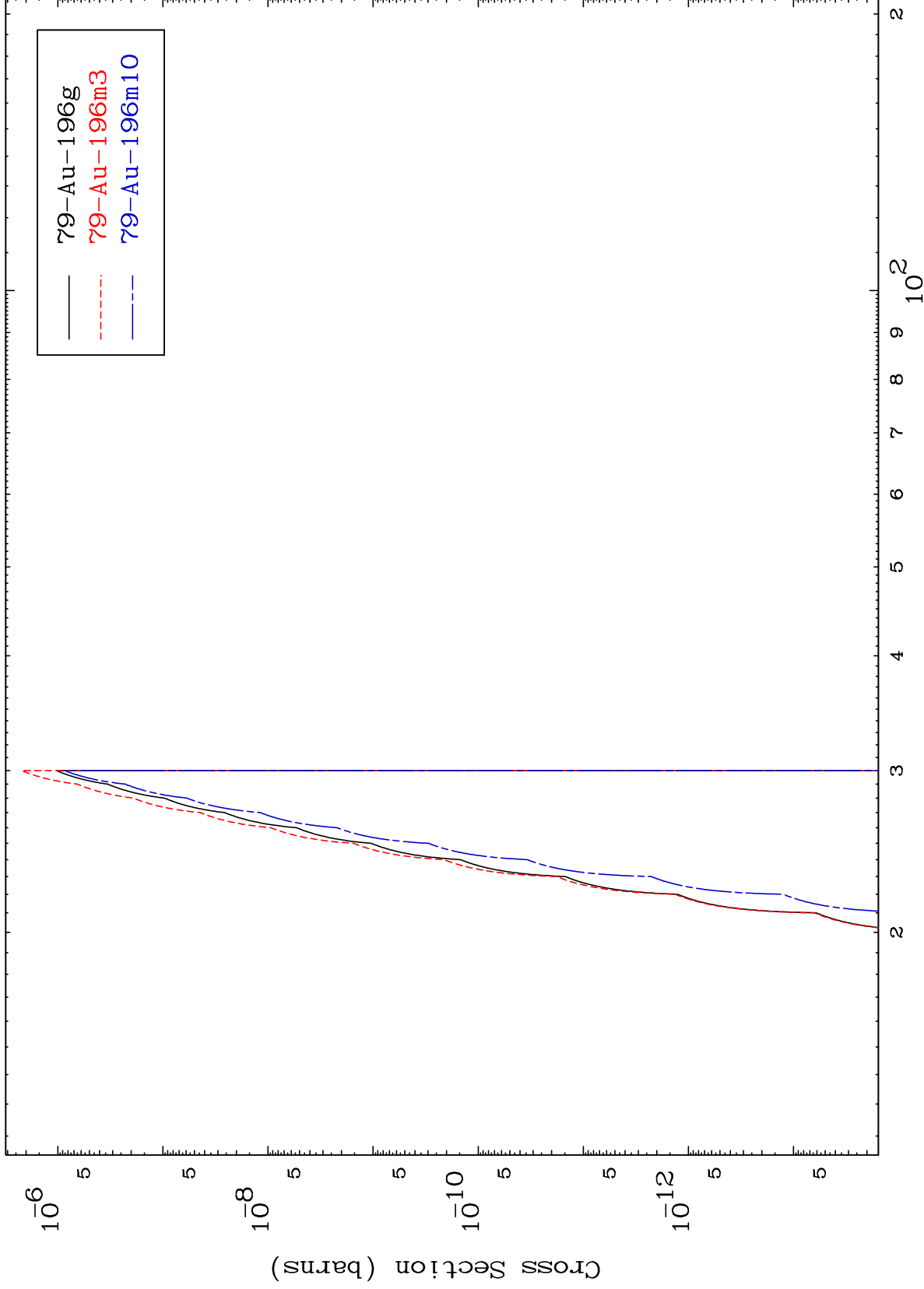


141

Incident Energy (MeV)

81-Tl-199

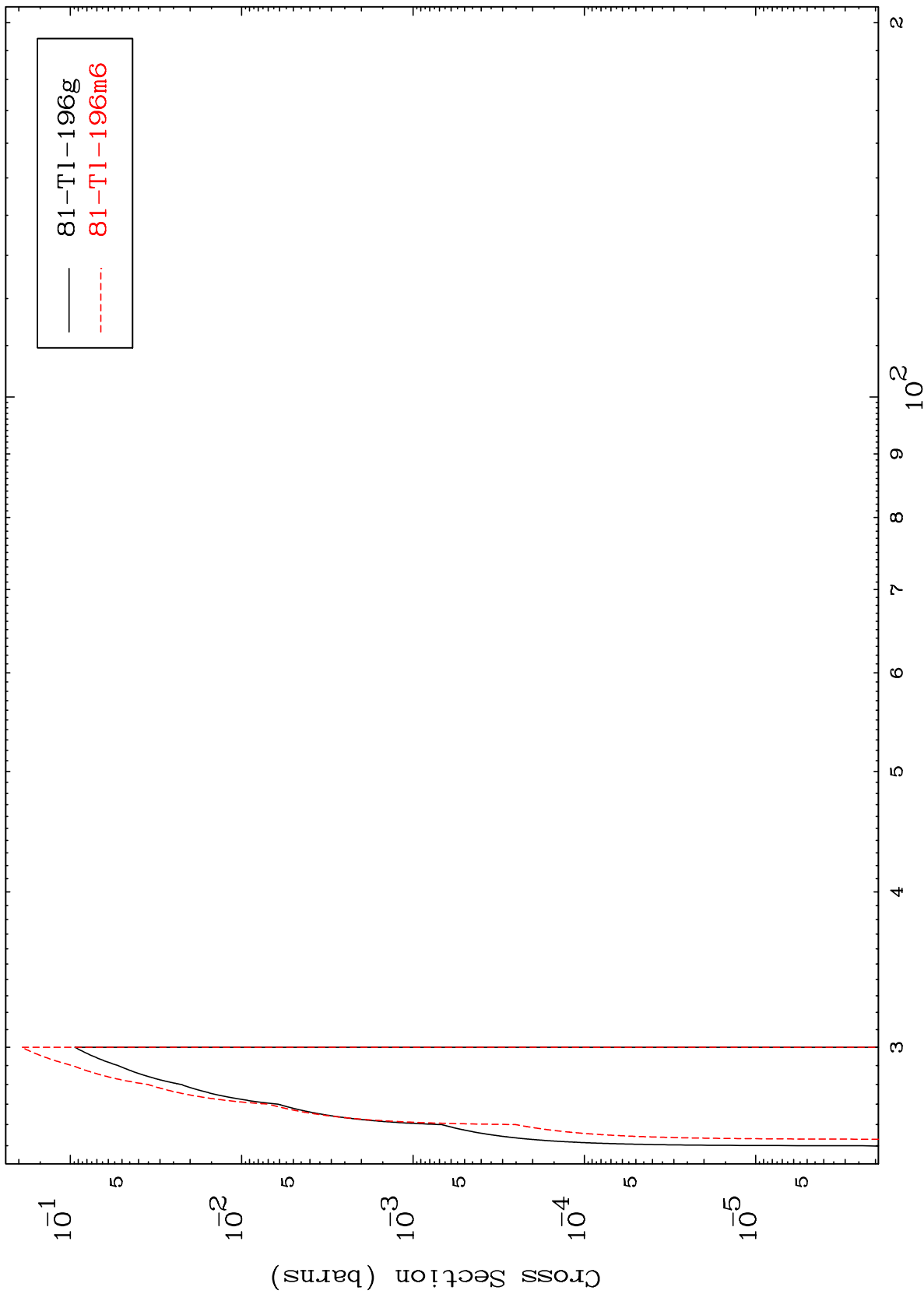
Radionuclide Production Cross Section



MAT 8113

81-Tl-199

(n,4n)
Radionuclide Production Cross Section



81-Tl-196g
81-Tl-196m6

143

81-Tl-199

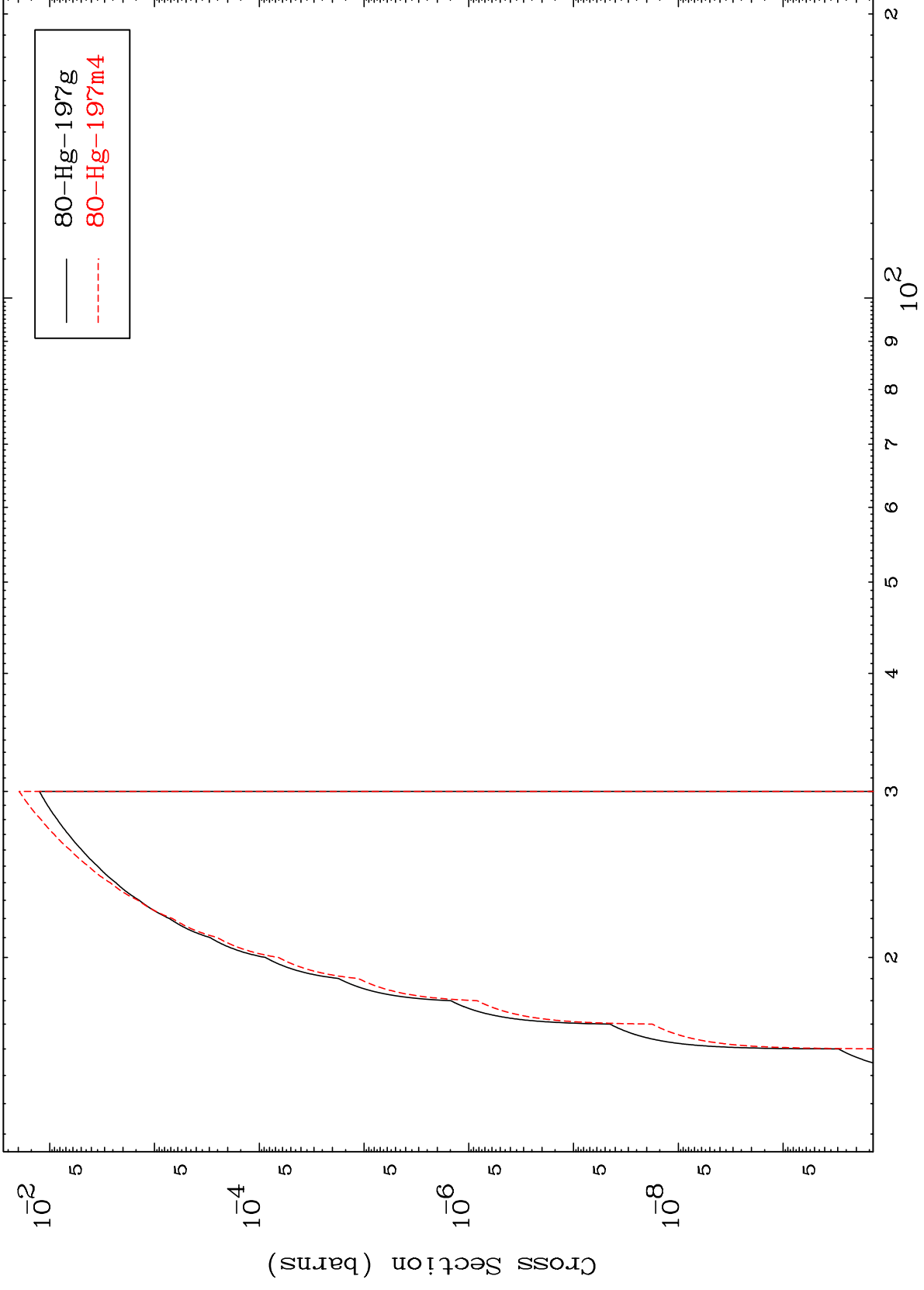
Incident Energy (MeV)

MAT 81113

(n,2n) p

81-Tl-199

Radionuclide Production Cross Section

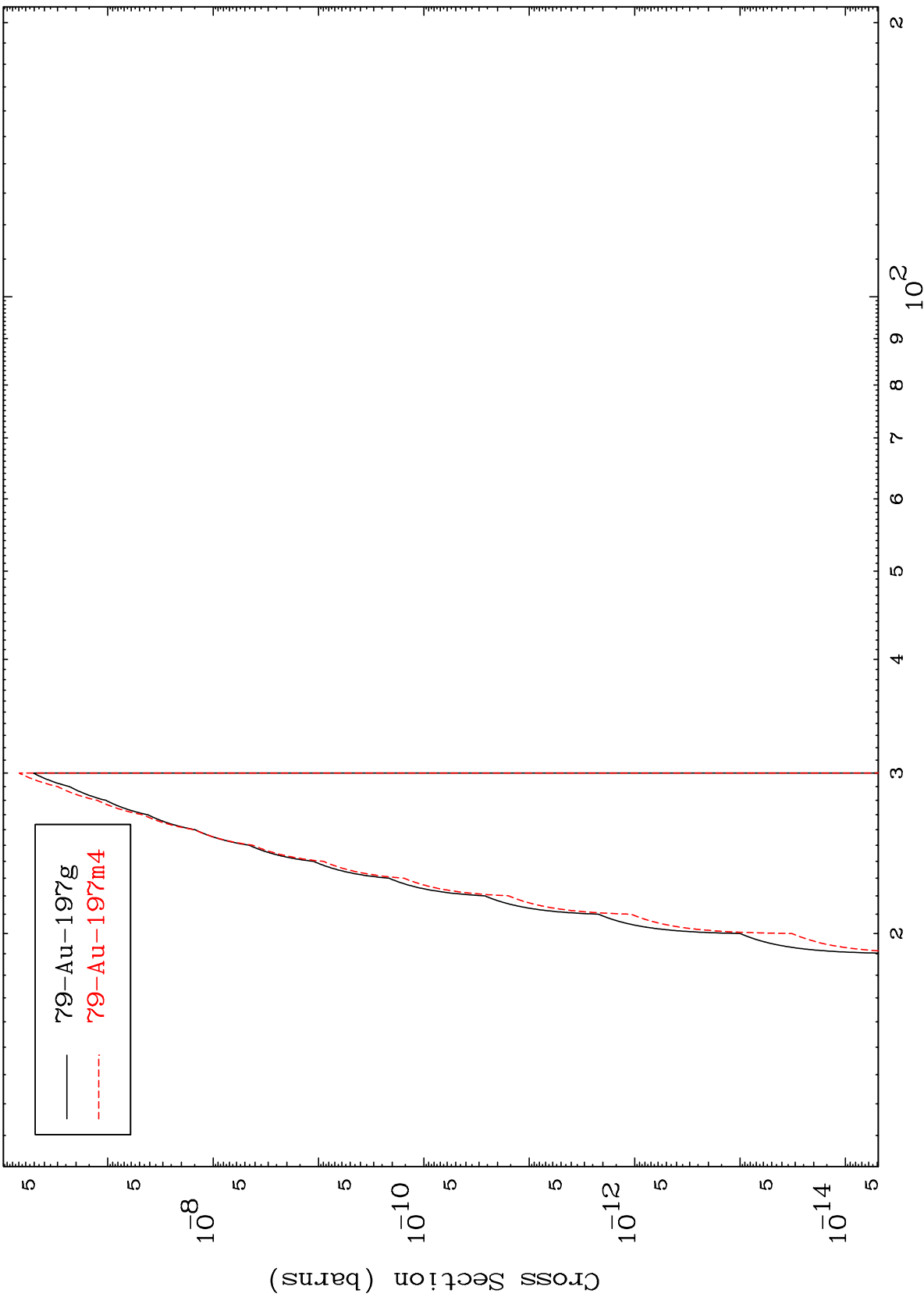


144

Incident Energy (MeV)

81-Tl-199

Radionuclide Production Cross Section

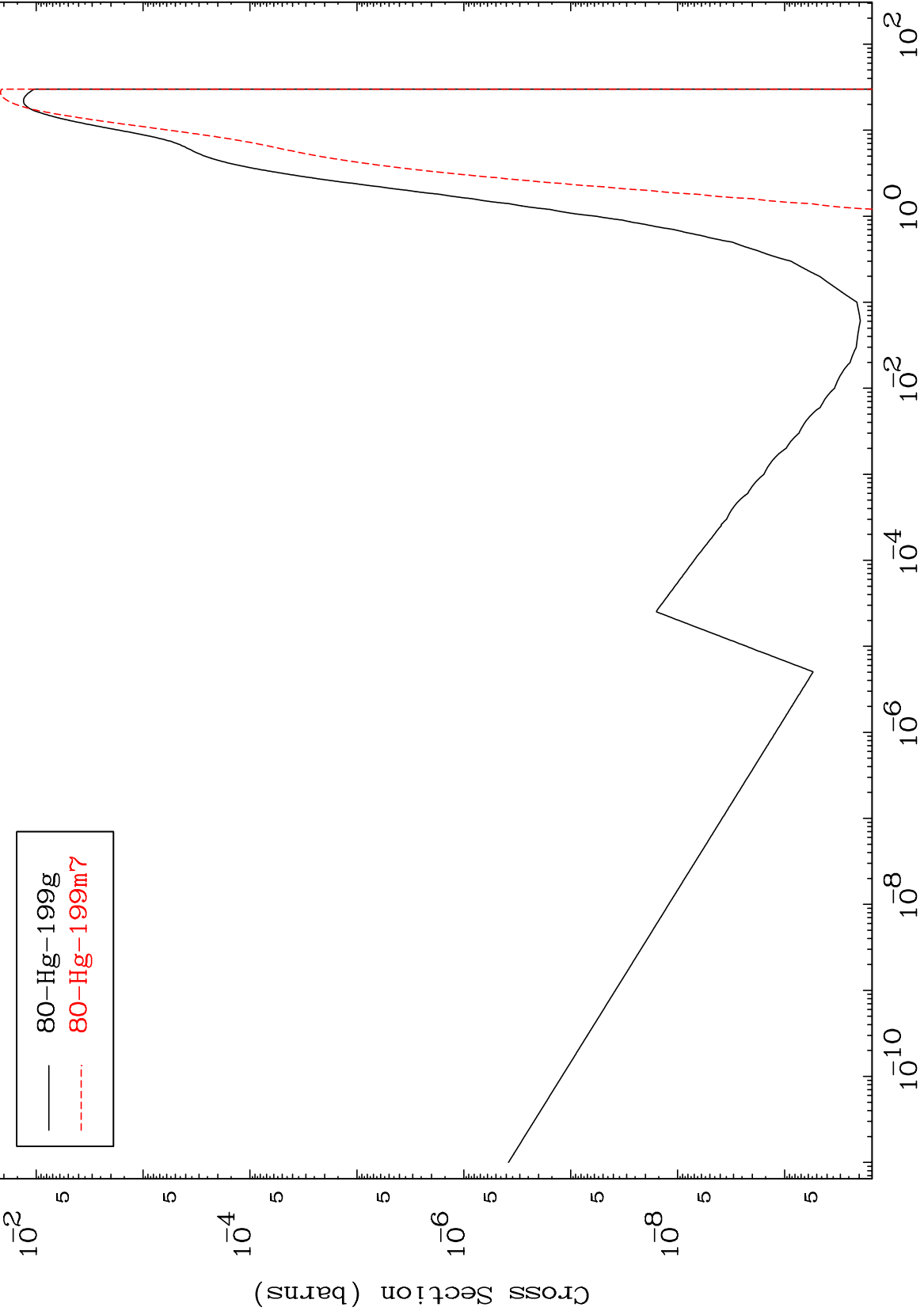


MAT 8113

(n,p)

81-Tl-199

Radionuclide Production Cross Section

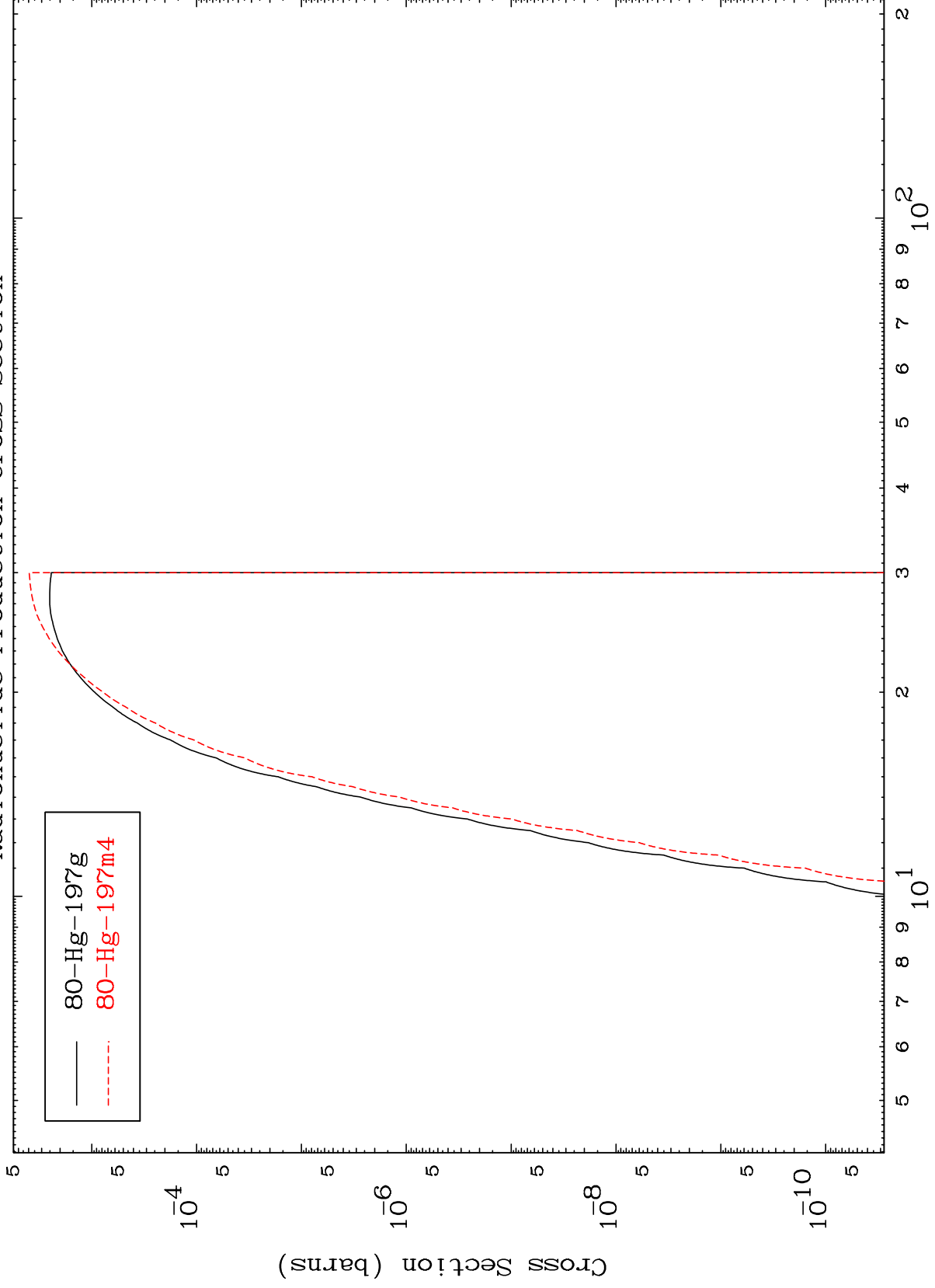


— 80-Hg-199g
- - - 80-Hg-199m7

MAT 8113

81-T1-199

Radionuclide Production Cross Section (n, t)

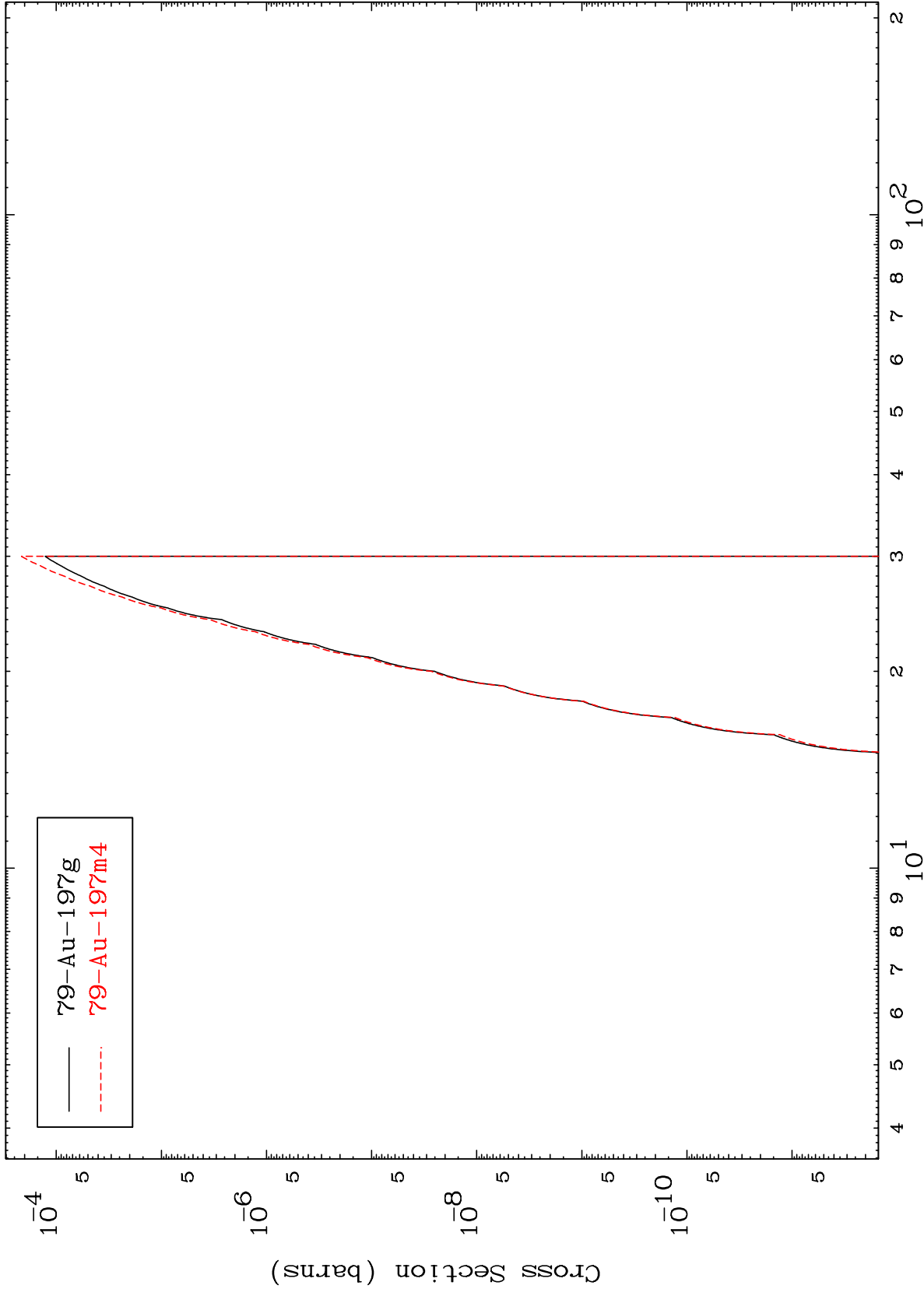


147

Incident Energy (MeV)

81-T1-199

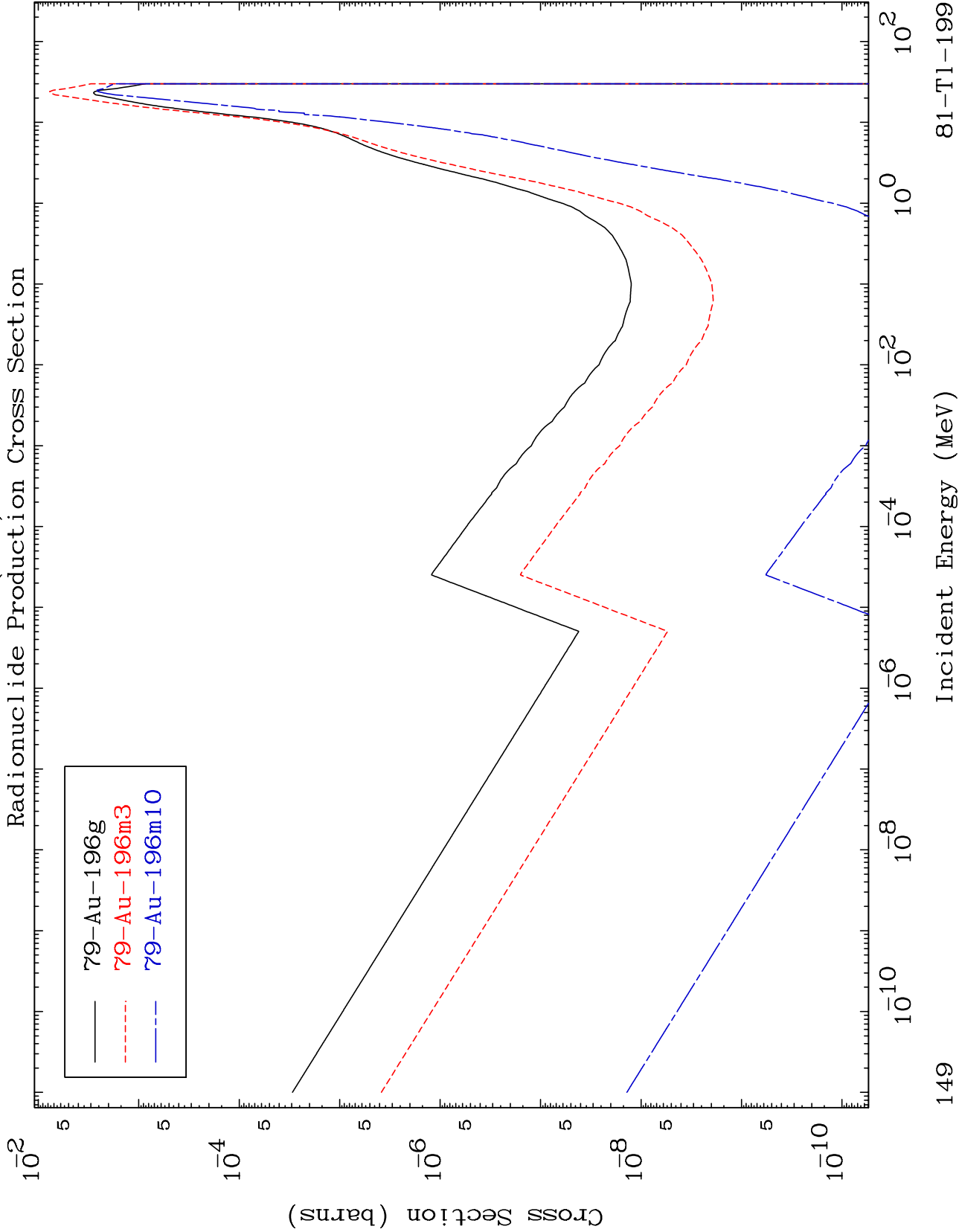
Radionuclide Production Cross Section



MAT 8113

81-Tl-199

Radionuclide Production Cross Section
(n, α)



149

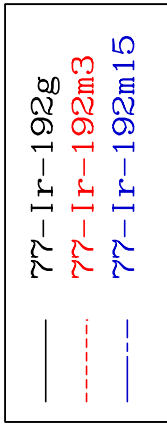
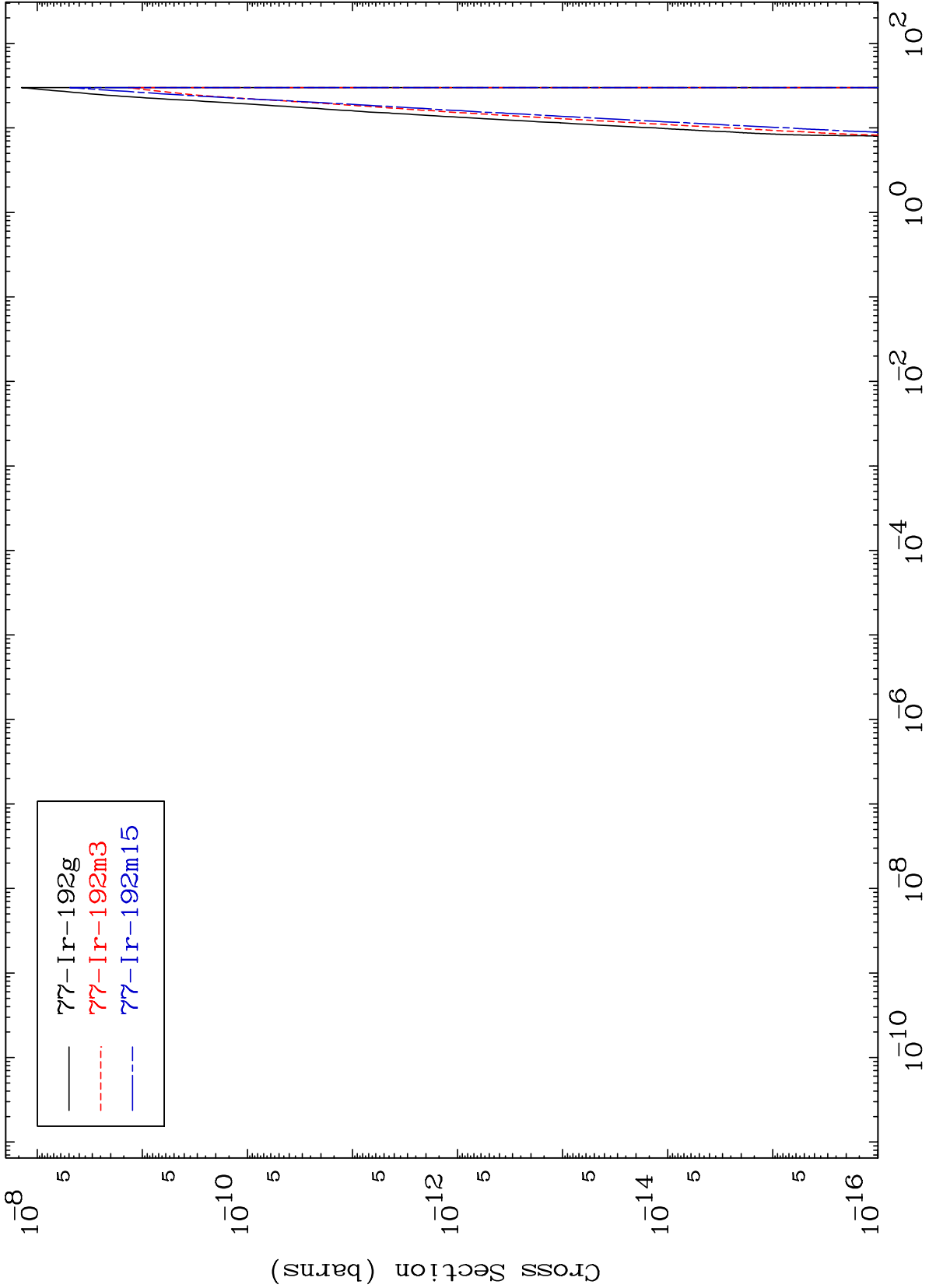
81-Tl-199

MAT 81113

(n,2α)

81-Tl-199

Radionuclide Production Cross Section



150

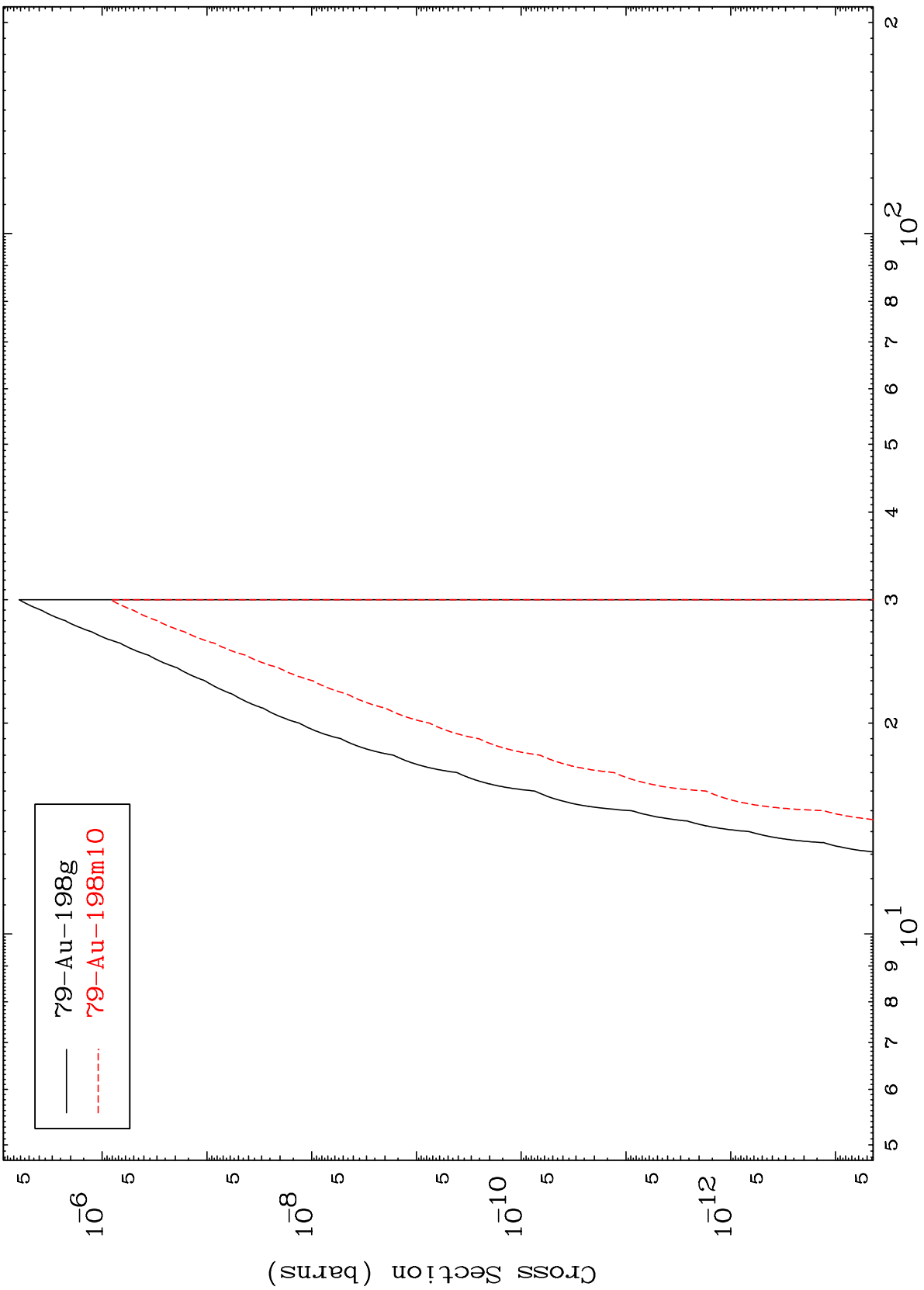
Incident Energy (MeV)

81-Tl-199

MAT 81113

81-T1-199

(n,2p)
Radionuclide Production Cross Section



151

Incident Energy (MeV)

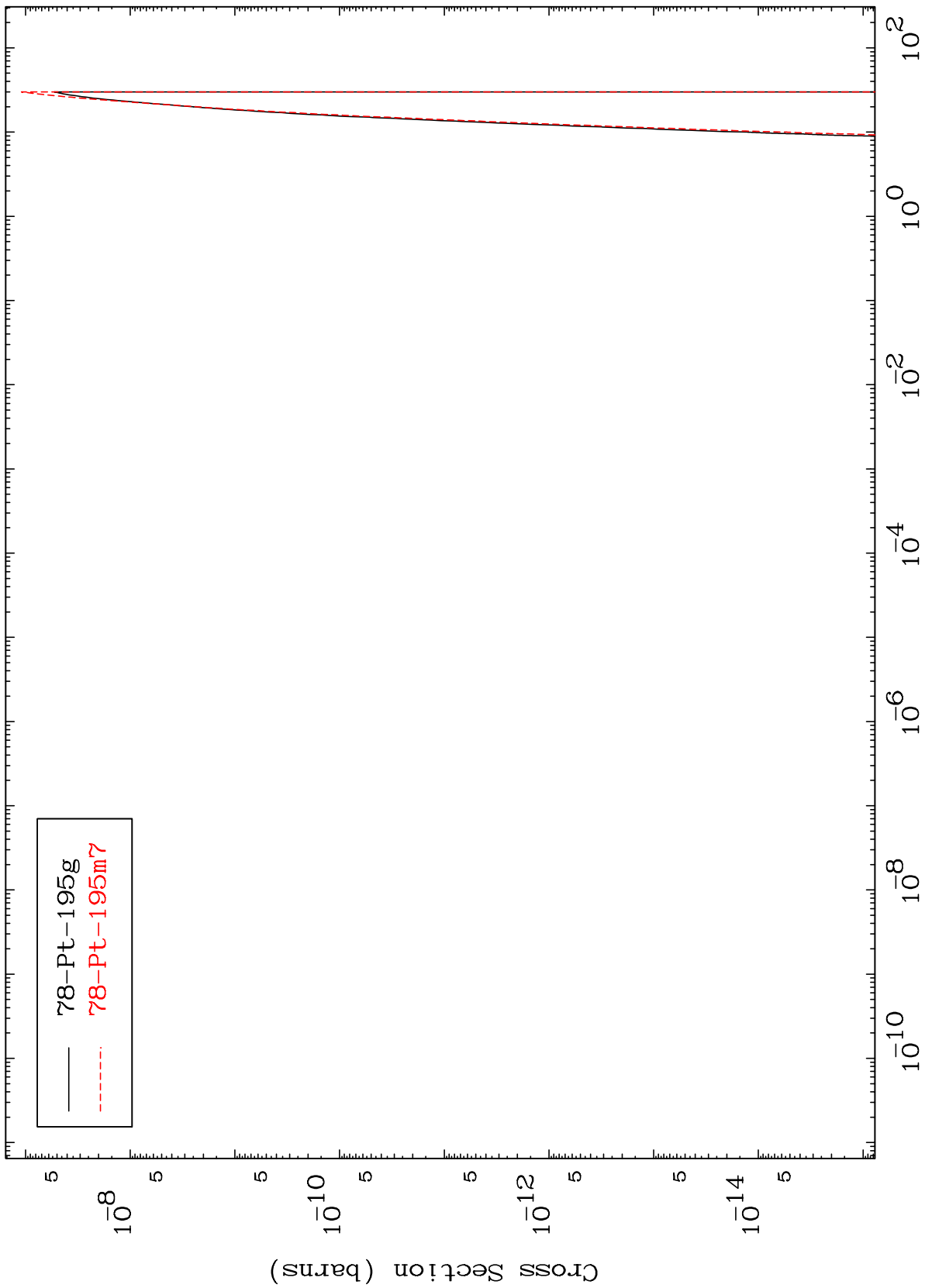
81-T1-199

MAT 8113

(n,p) α

81-Tl-199

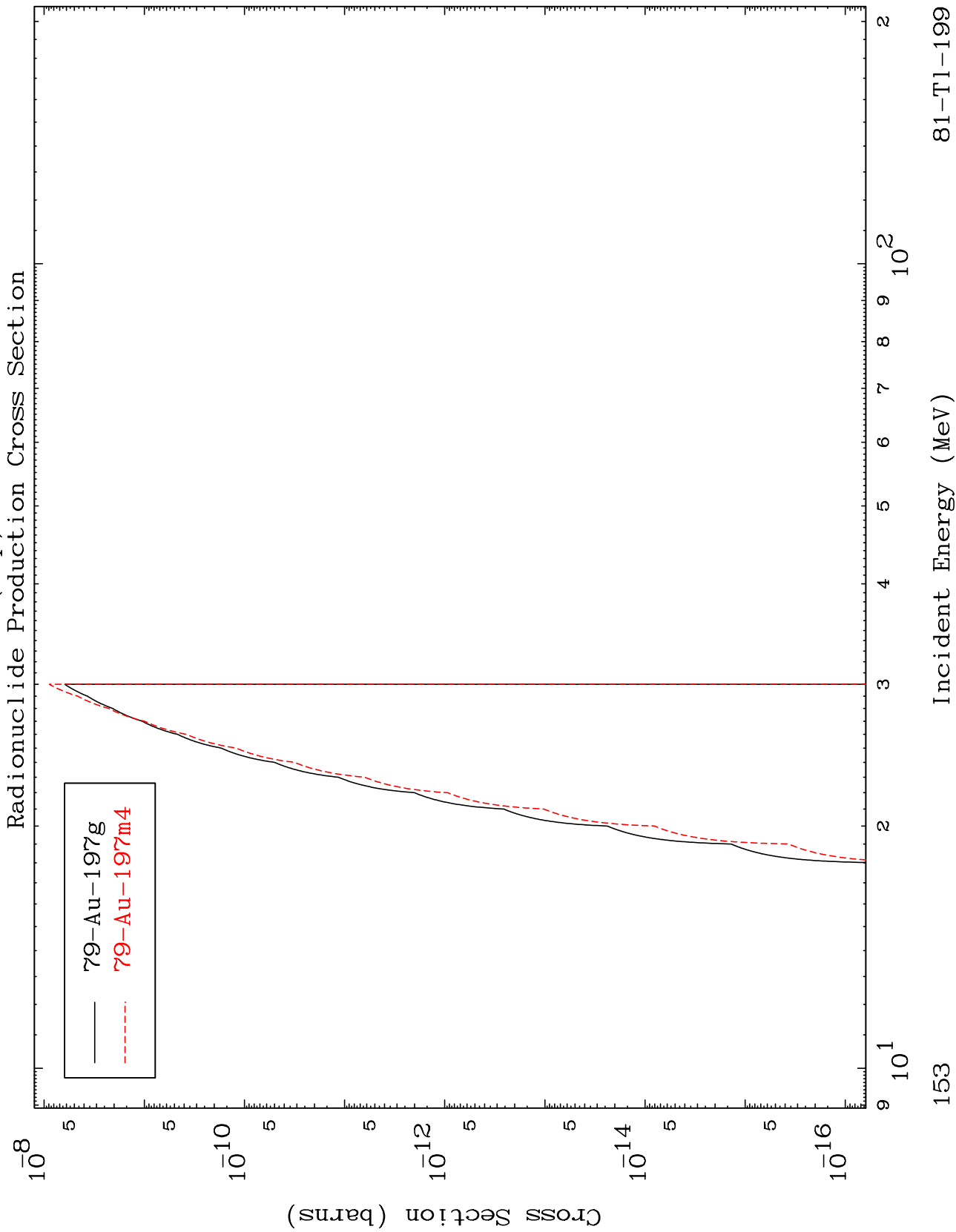
Radionuclide Production Cross Section



MAT 81113

(n,p) d

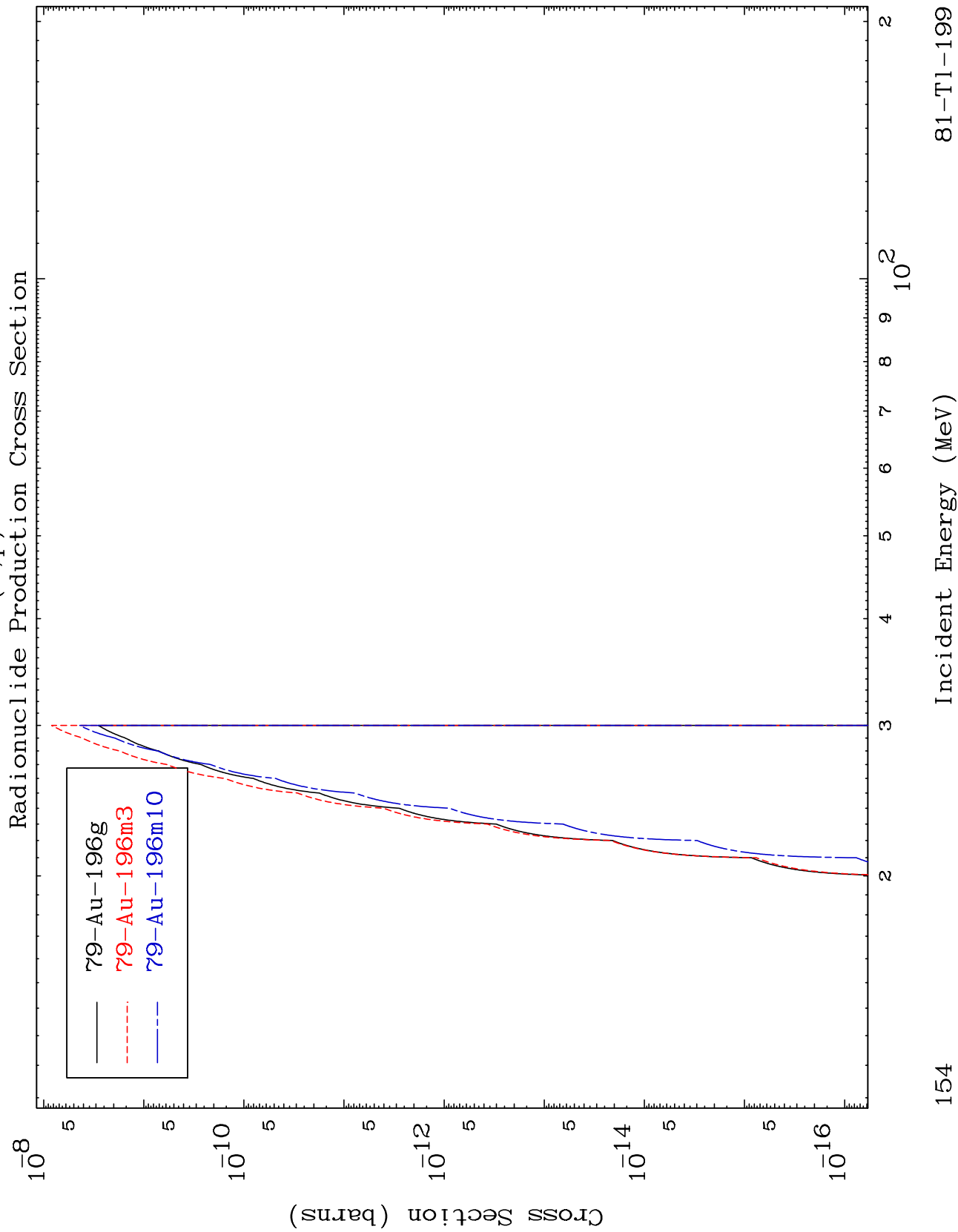
81-Tl-199



MAT 8113

(n,p) t

81-Tl-199



154

81-Tl-199