

Program EVALPLOT  
(Version 2015-2)

by

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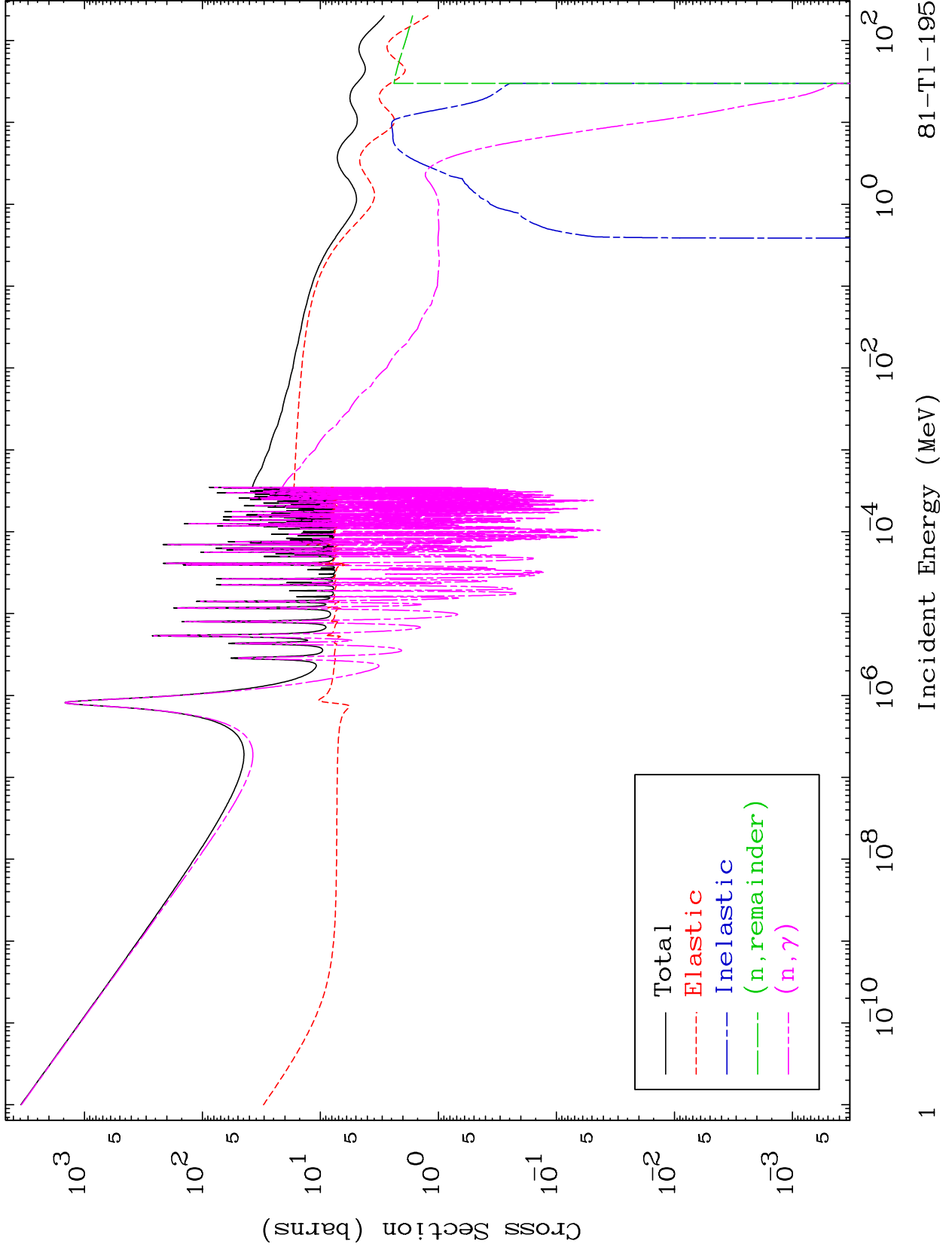
Press Mouse Button to Start

MAT 8101

Major

293 Kelvin Cross Sections

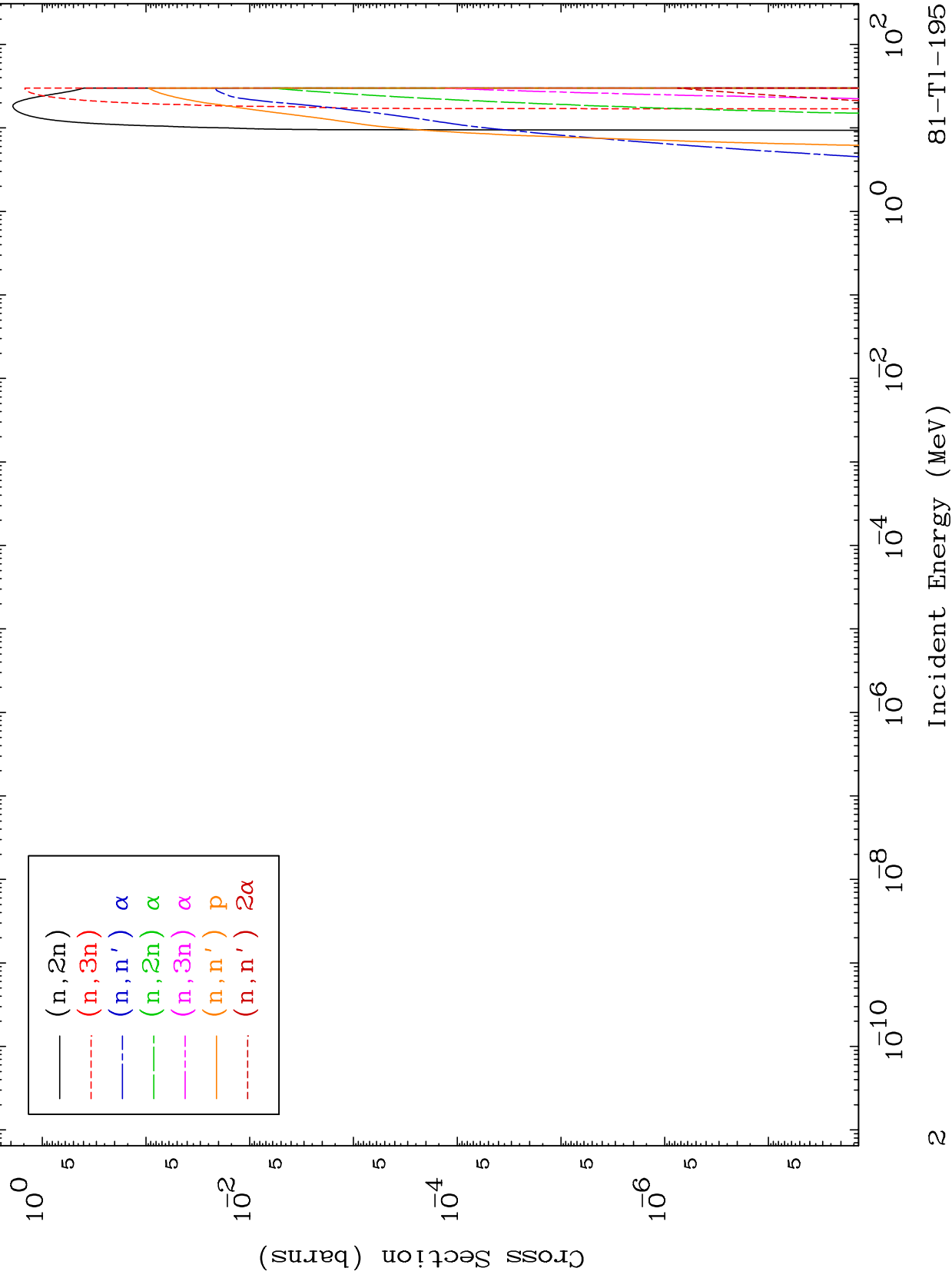
81-Tl-195

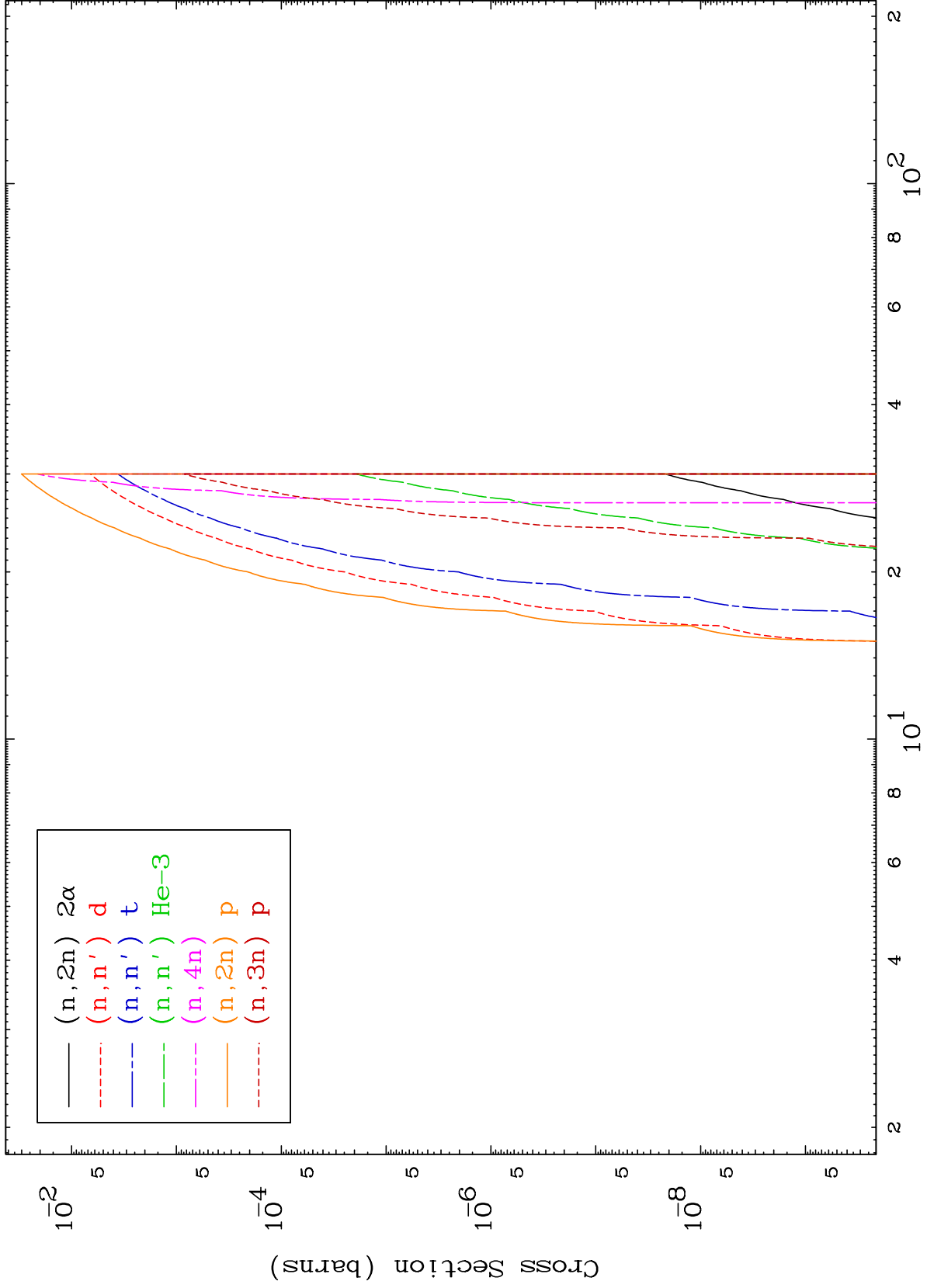


MAT 8101

Neutron Production  
293 Kelvin Cross Sections

81-Tl-195

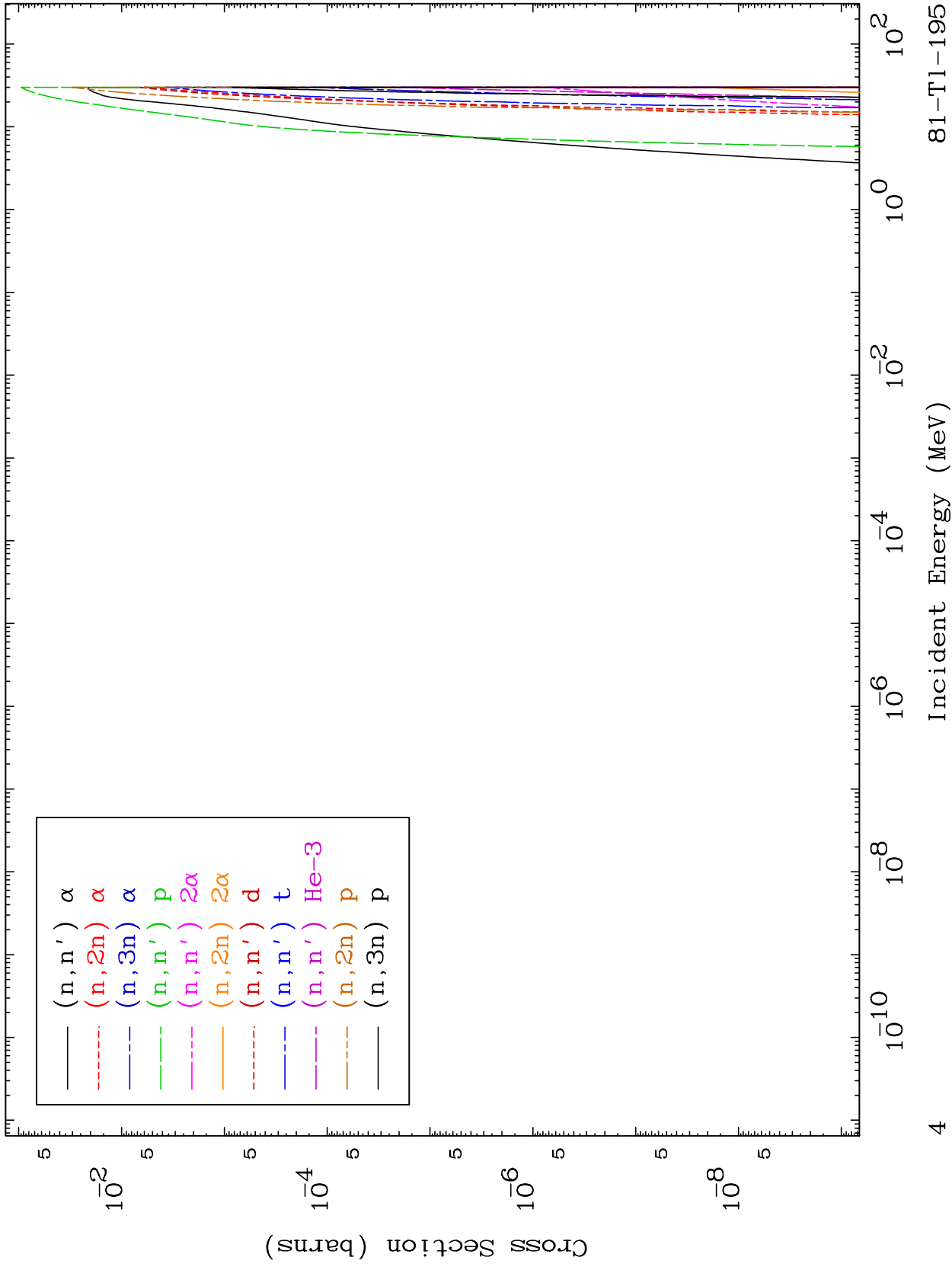




MAT 8101

Charged Particle  
293 Kelvin Cross Sections

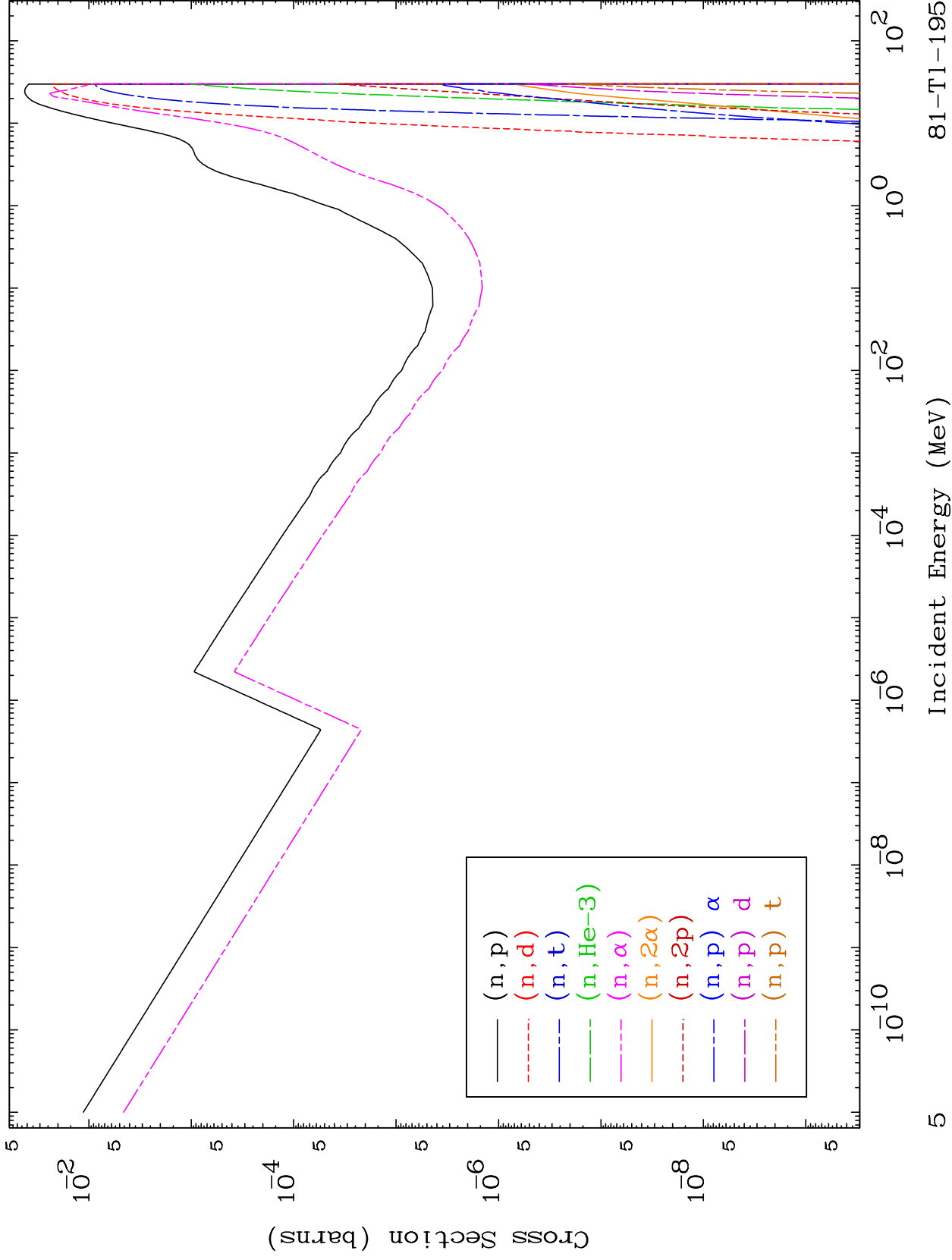
81-Tl-195

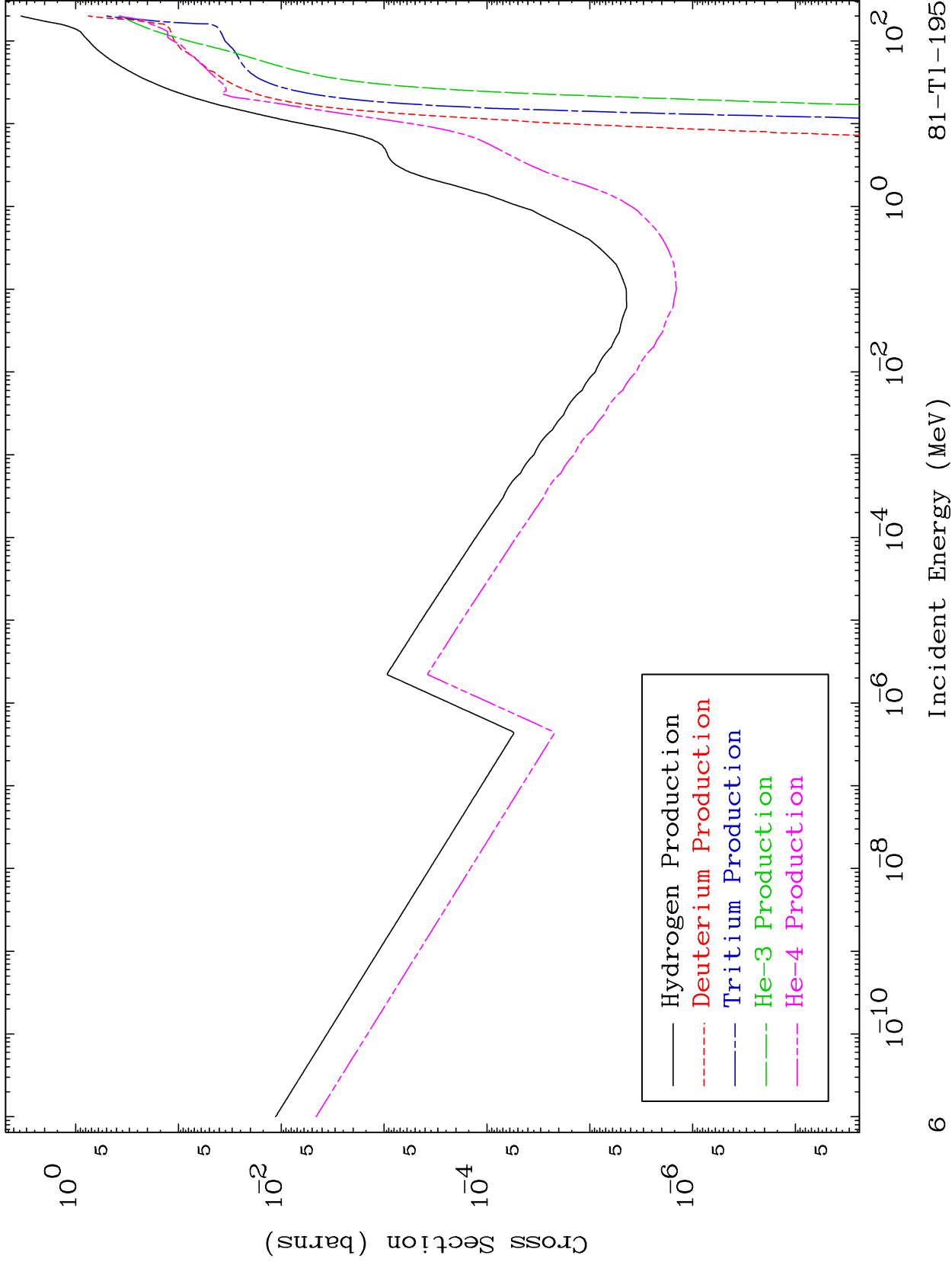


MAT 8101

Charged Particle  
293 Kelvin Cross Sections

81-Tl-195

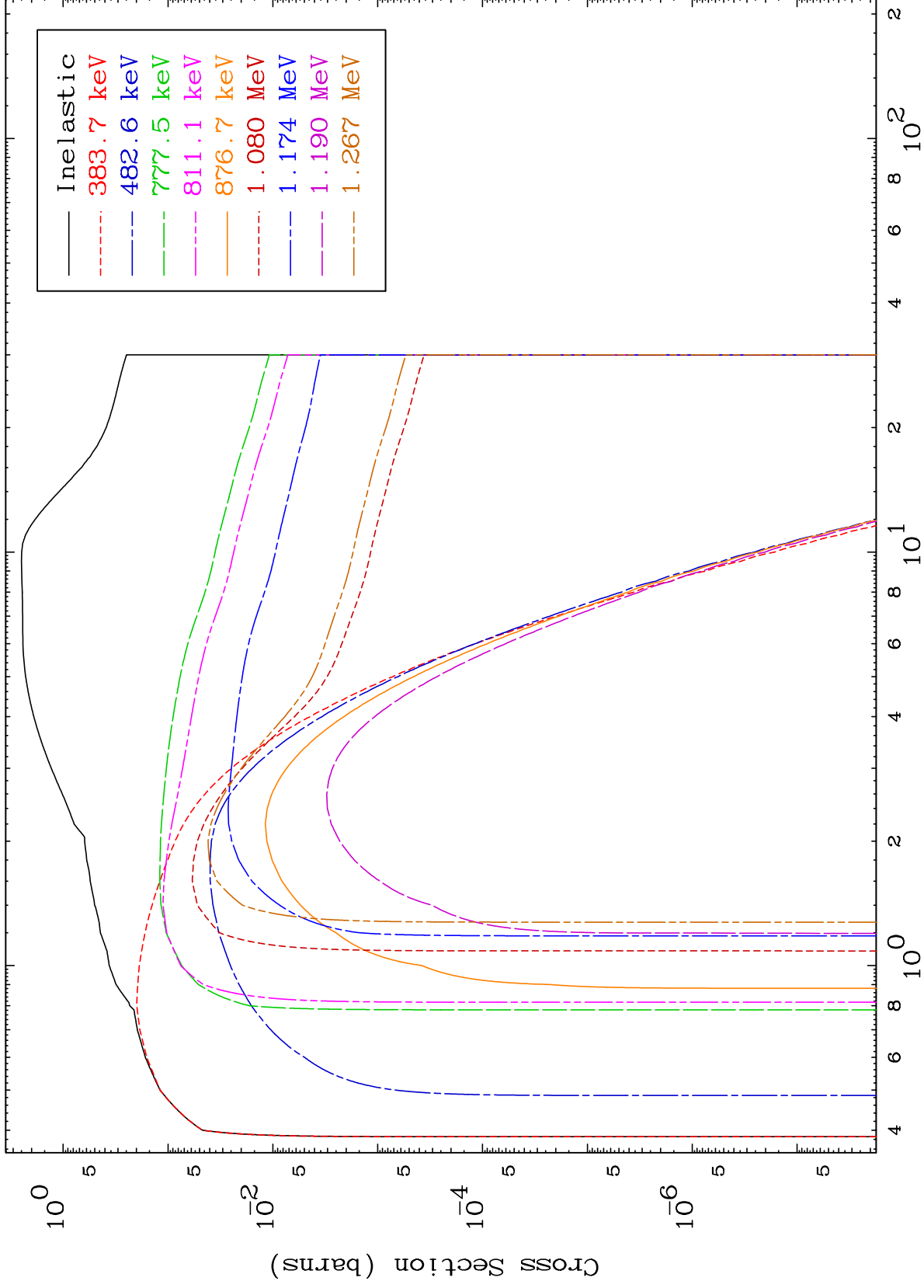




MAT 8101

(n,n') Level  
293 Kelvin Cross Sections

81-Tl-195



7

Incident Energy (MeV)

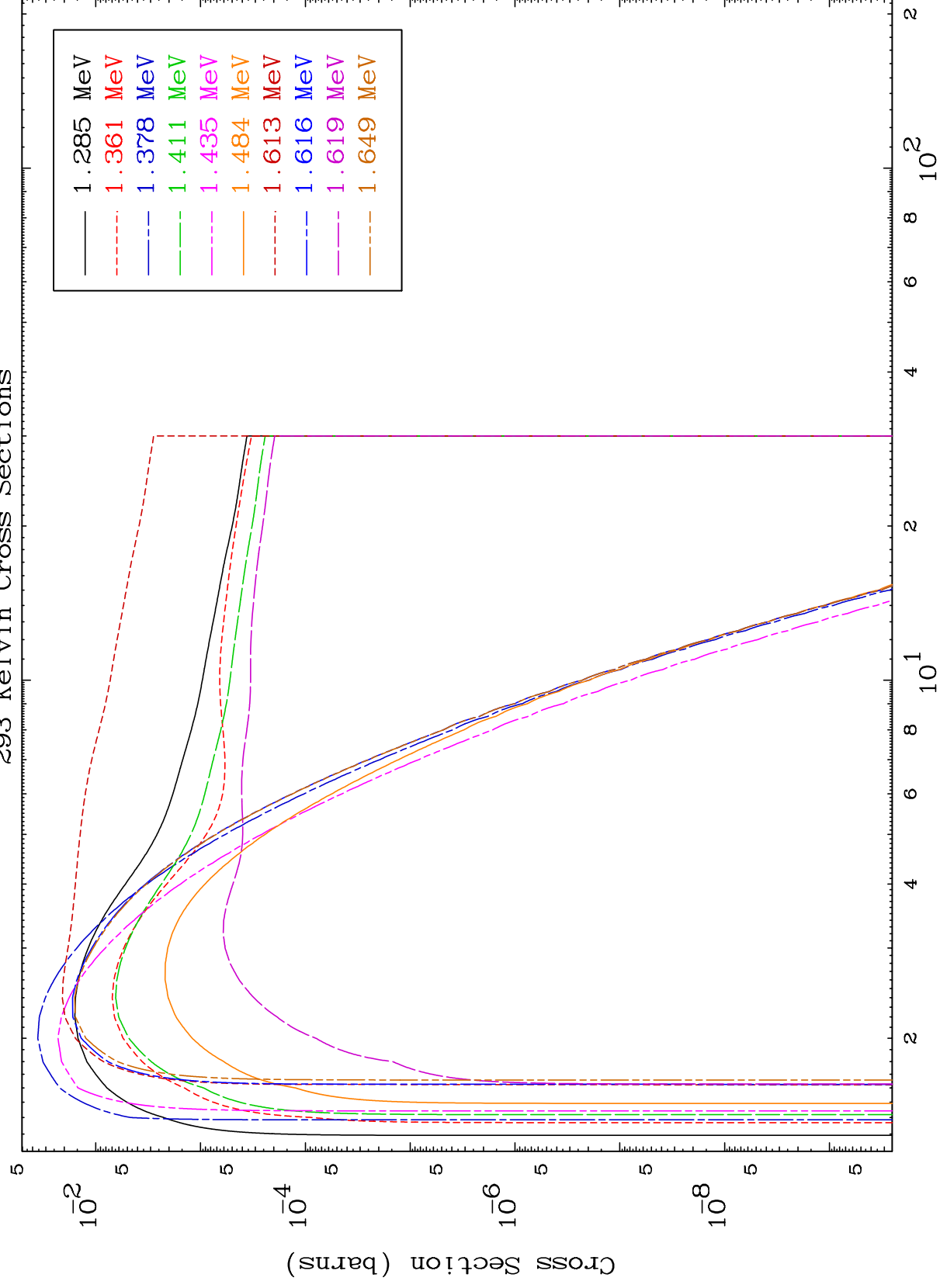
81-Tl-195



MAT 8101

(n,n') Level  
293 Kelvin Cross Sections

81-T1-195



8

Incident Energy (MeV)

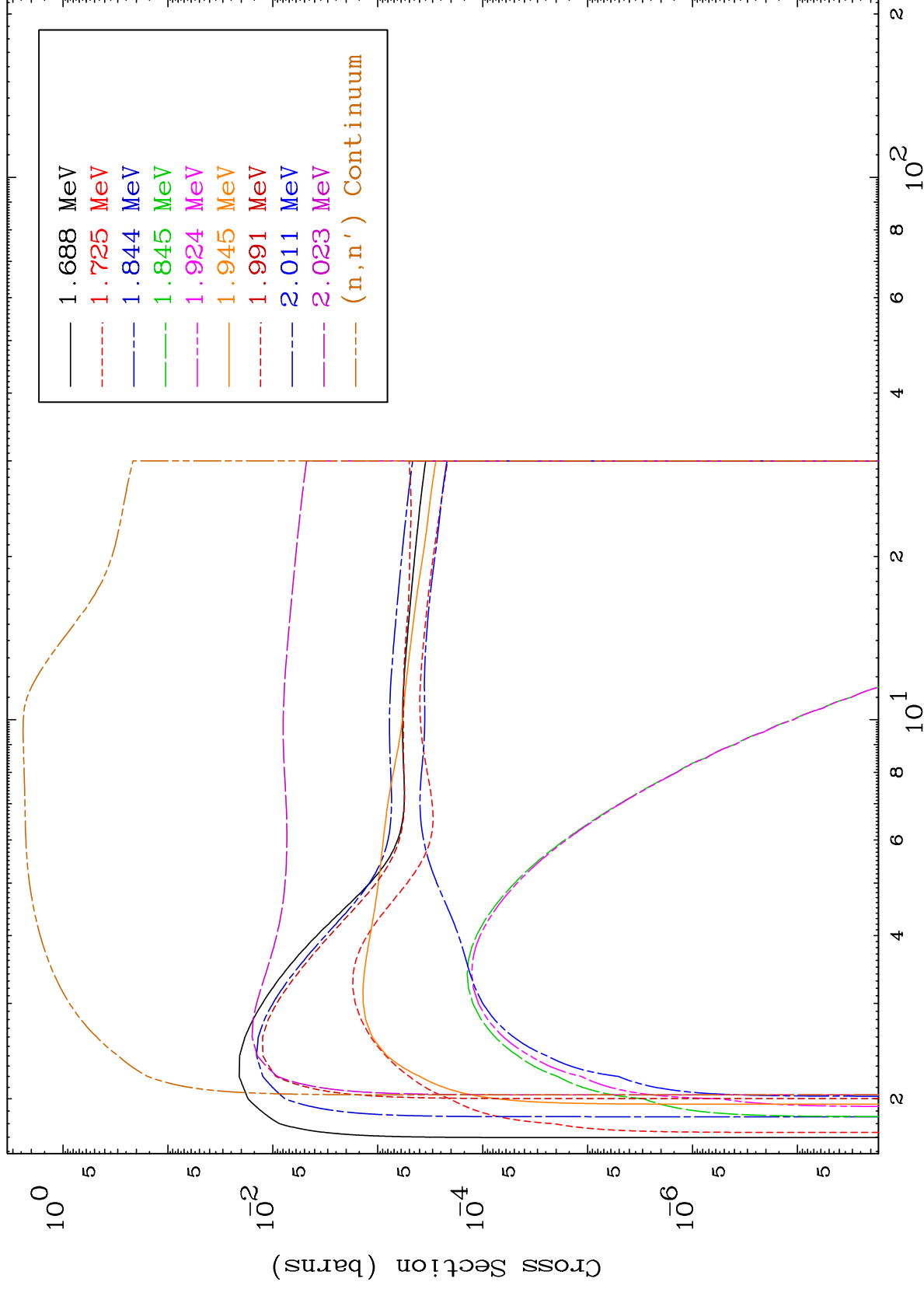
81-T1-195

MAT 8101

(n,n') Level

81-Tl-195

293 Kelvin Cross Sections



9

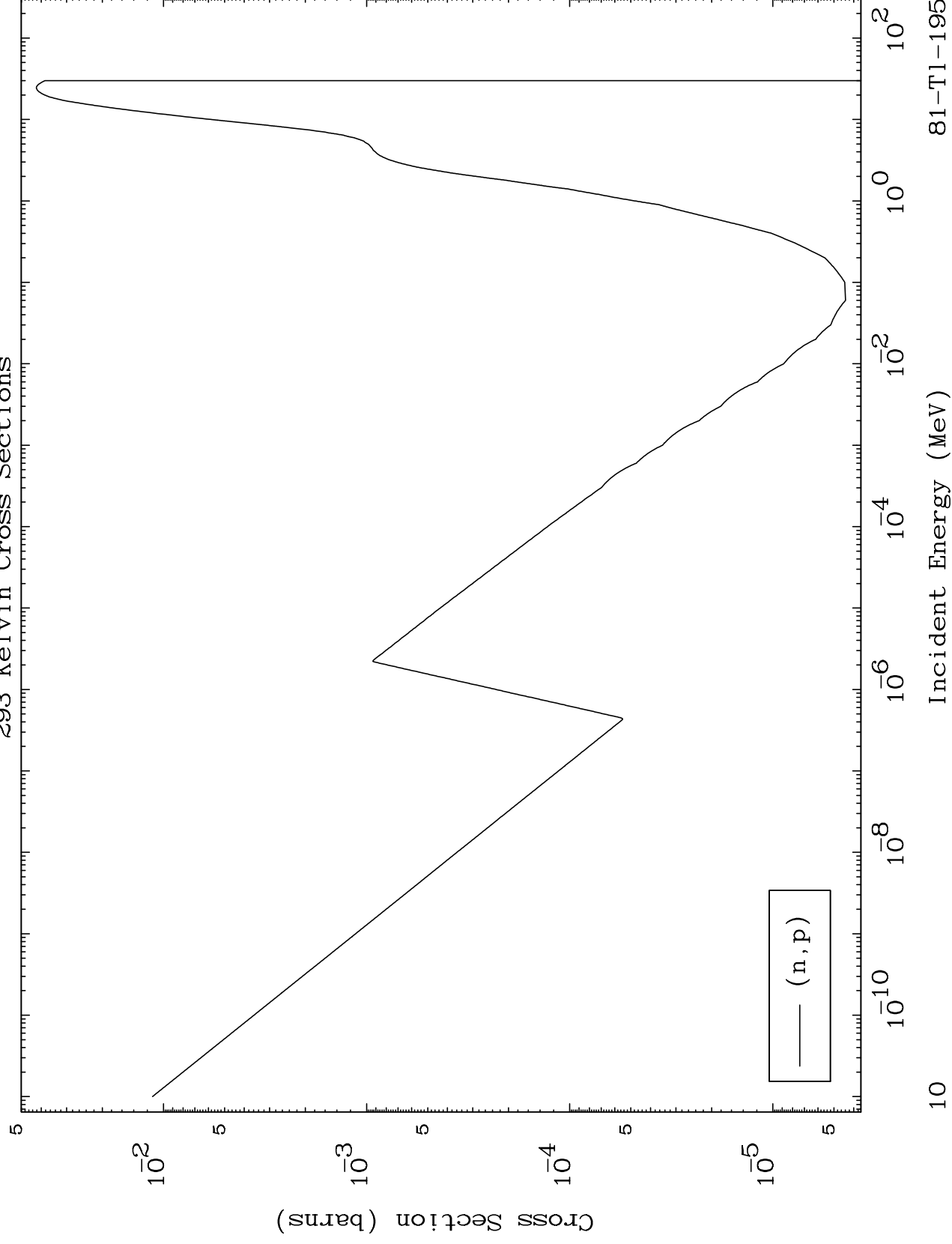
Incident Energy (MeV)

81-Tl-195

MAT 8101

(n,p) Levels  
293 Kelvin Cross Sections

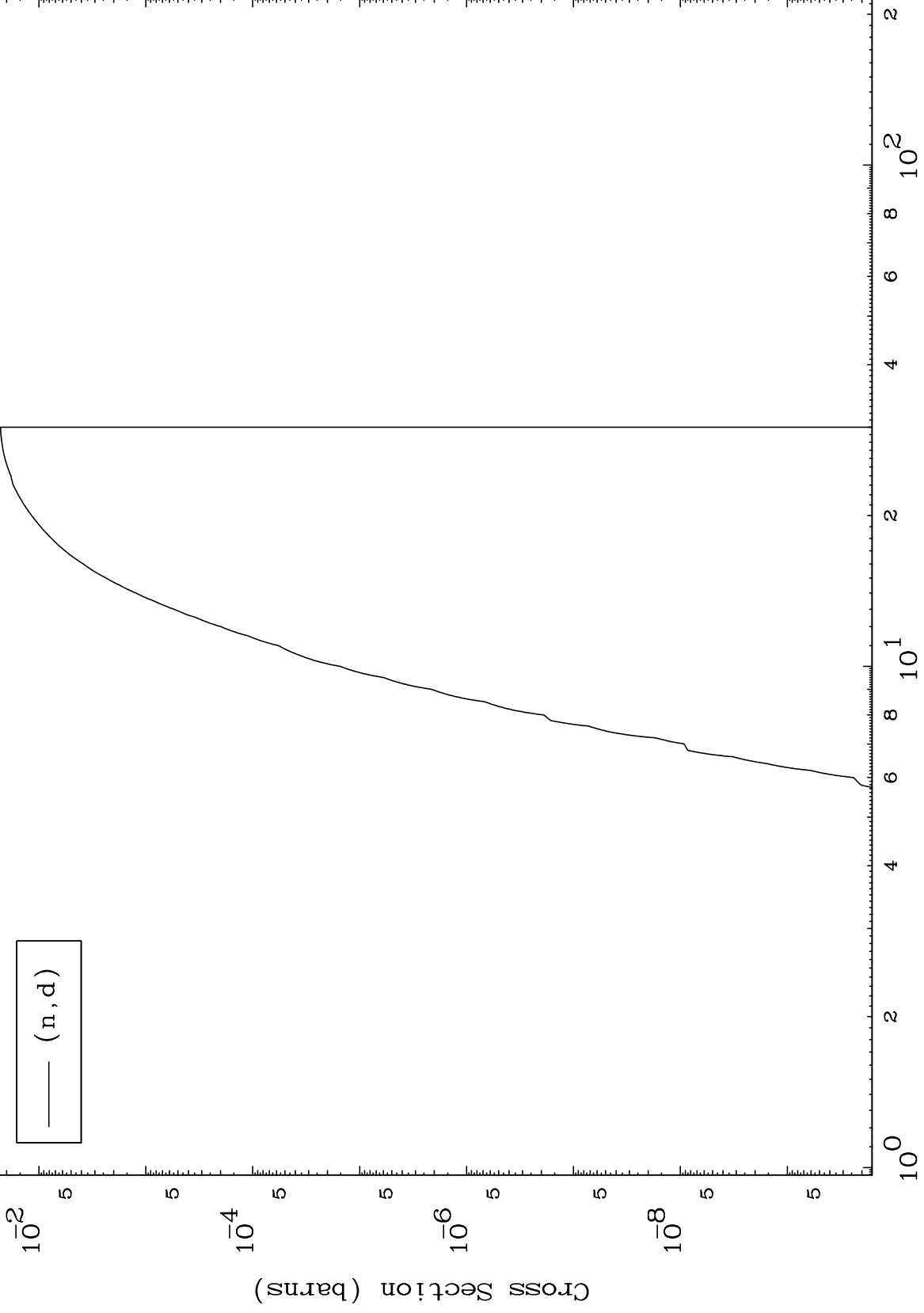
81-Tl-195



MAT 8101

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-195



11

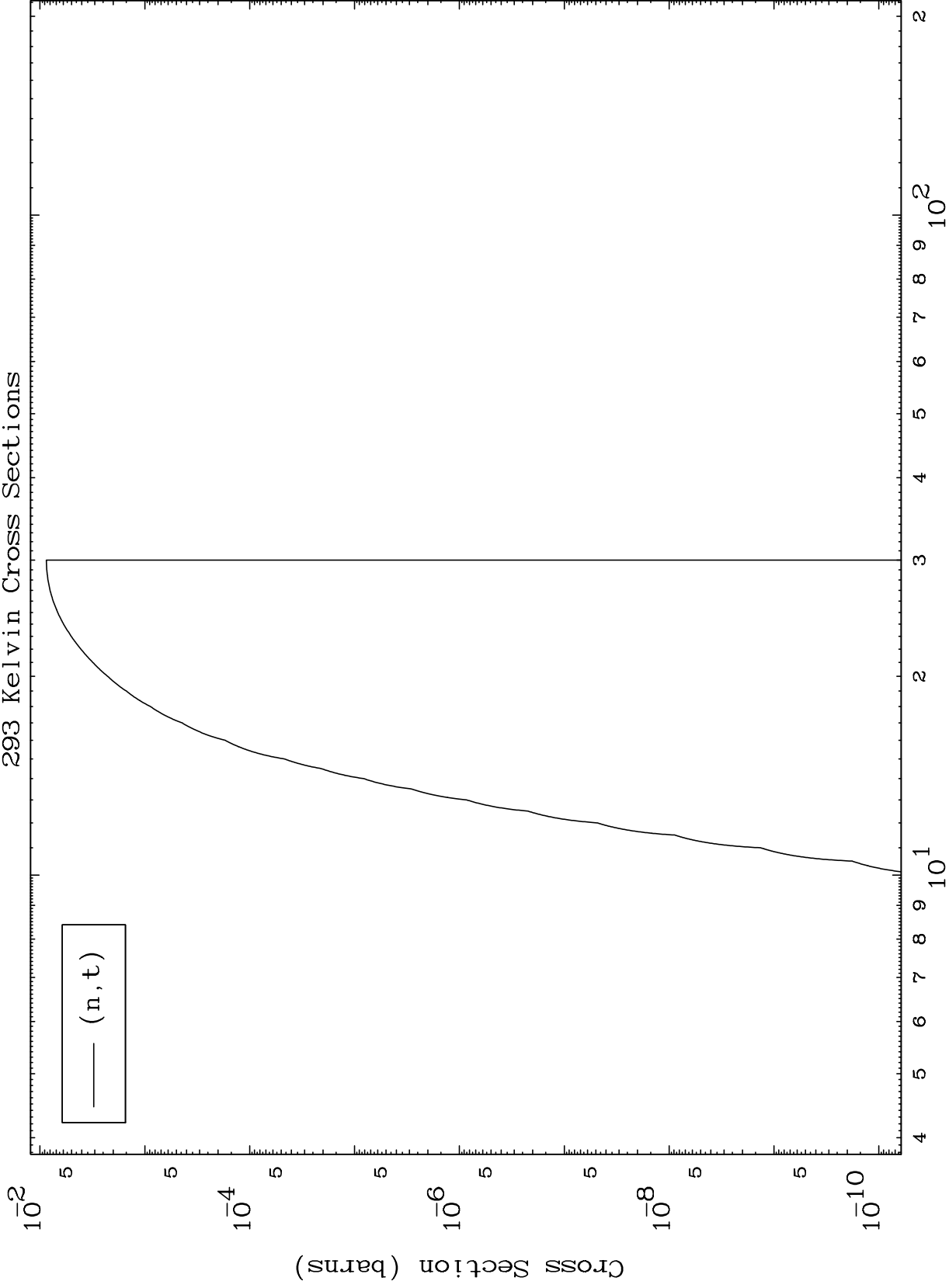
Incident Energy (MeV)

81-Tl-195

MAT 8101

(n,t) Levels  
293 Kelvin Cross Sections

81-Tl-195



12

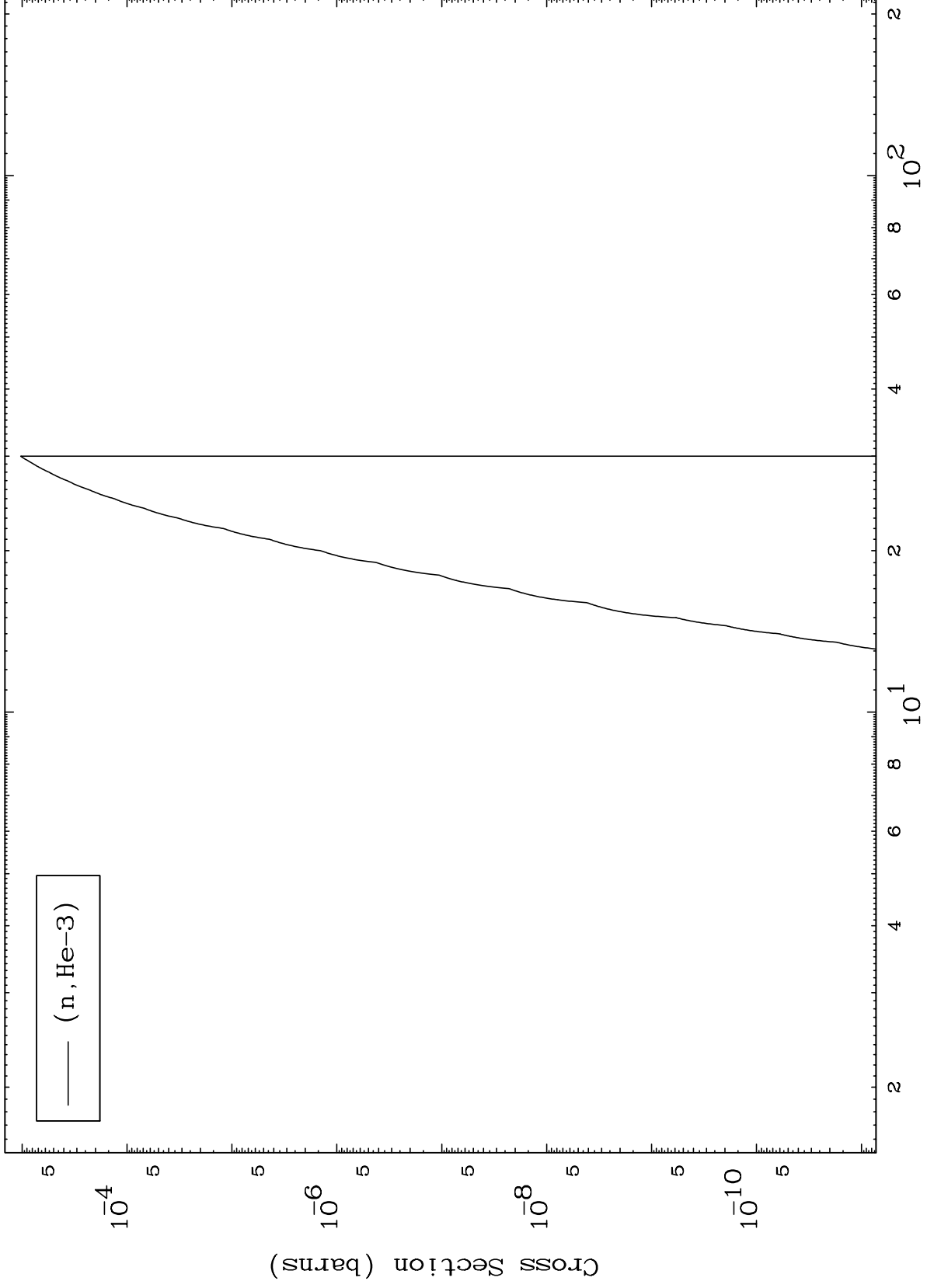
Incident Energy (MeV)

81-Tl-195

MAT 8101

(n,He3) Levels  
293 Kelvin Cross Sections

81-T1-195



13

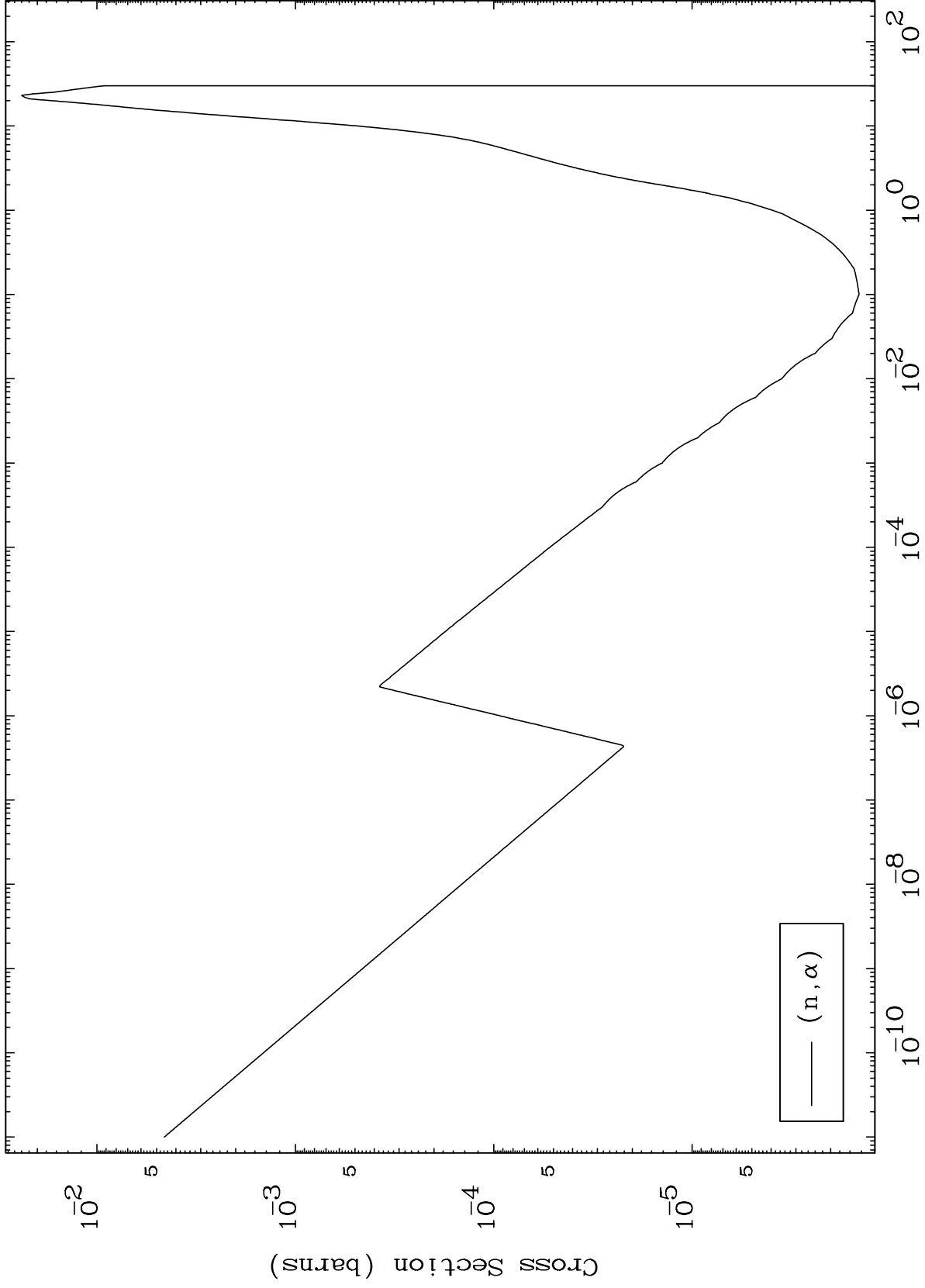
Incident Energy (MeV)

81-T1-195

MAT 8101

(n,α) Levels  
293 Kelvin Cross Sections

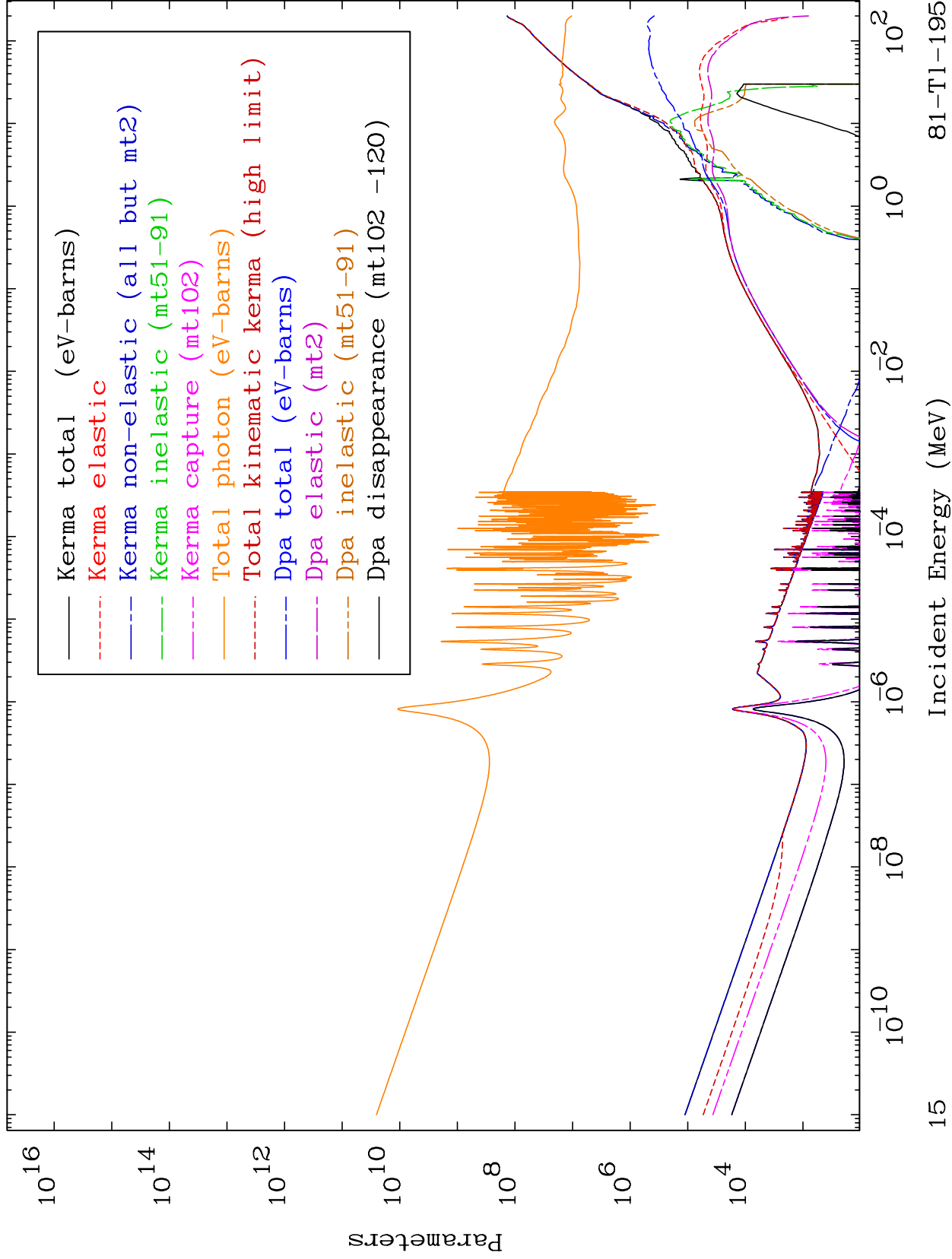
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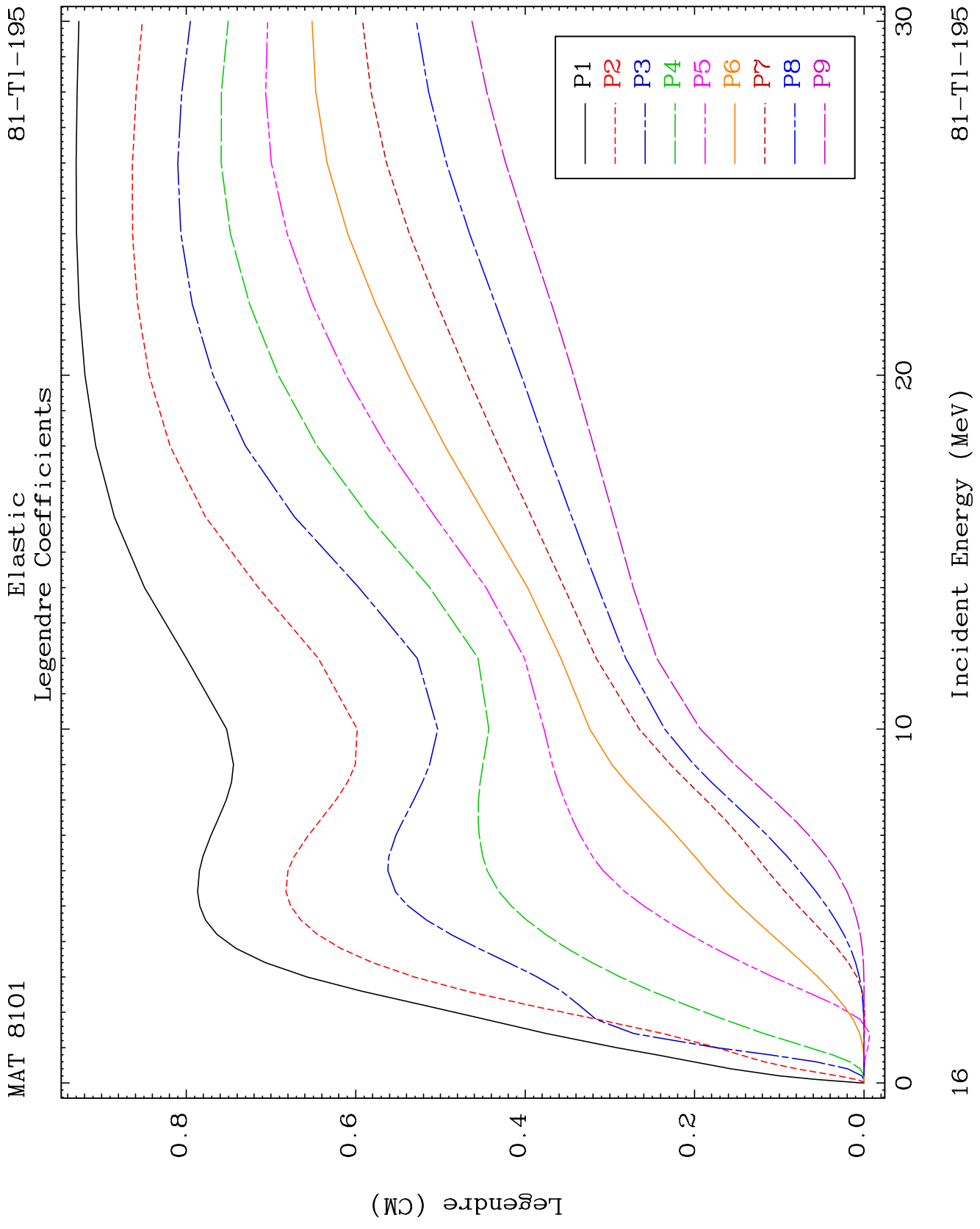
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Incident Energy (MeV)

81-Tl-195



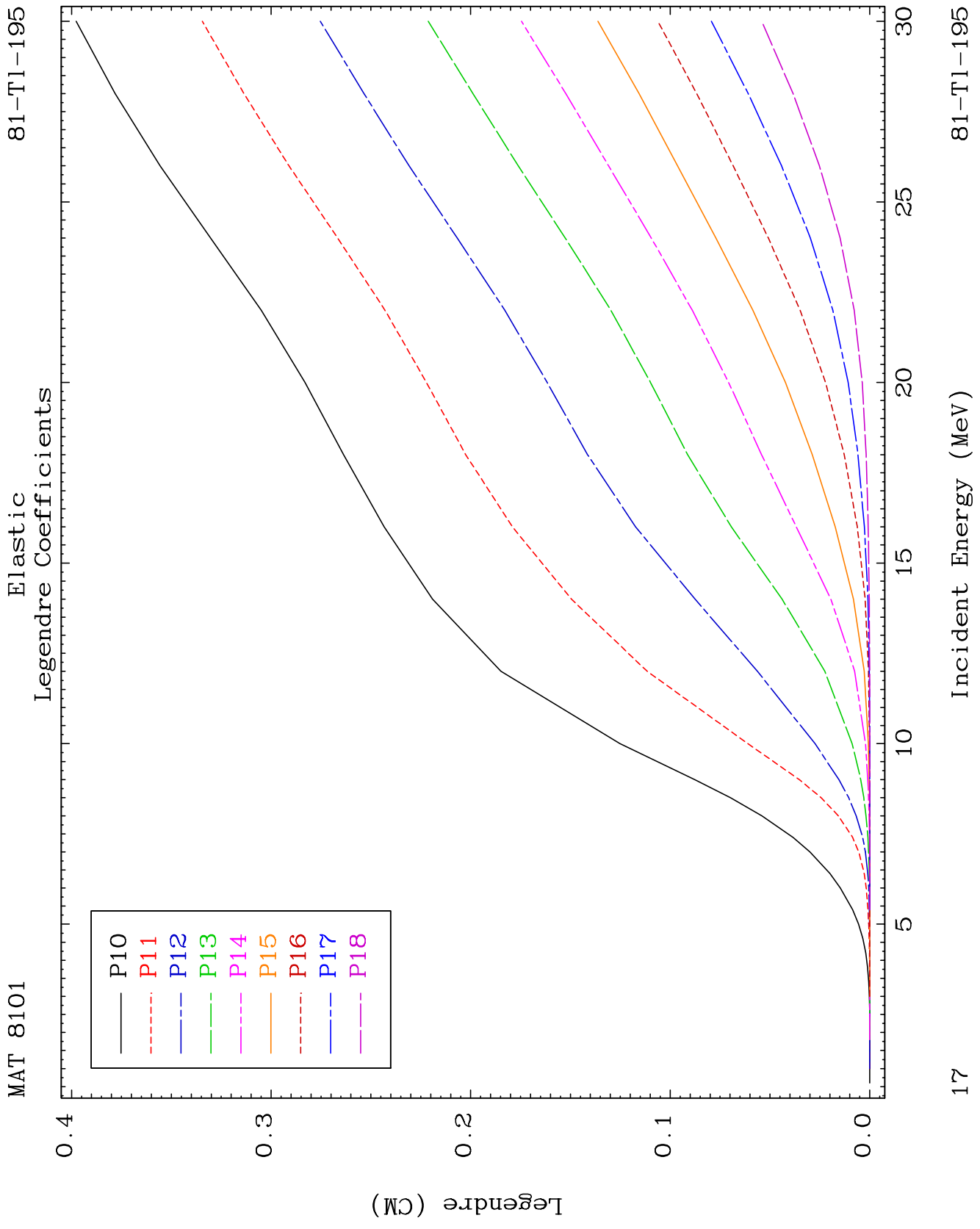




81-Tl-195

Incident Energy (MeV)

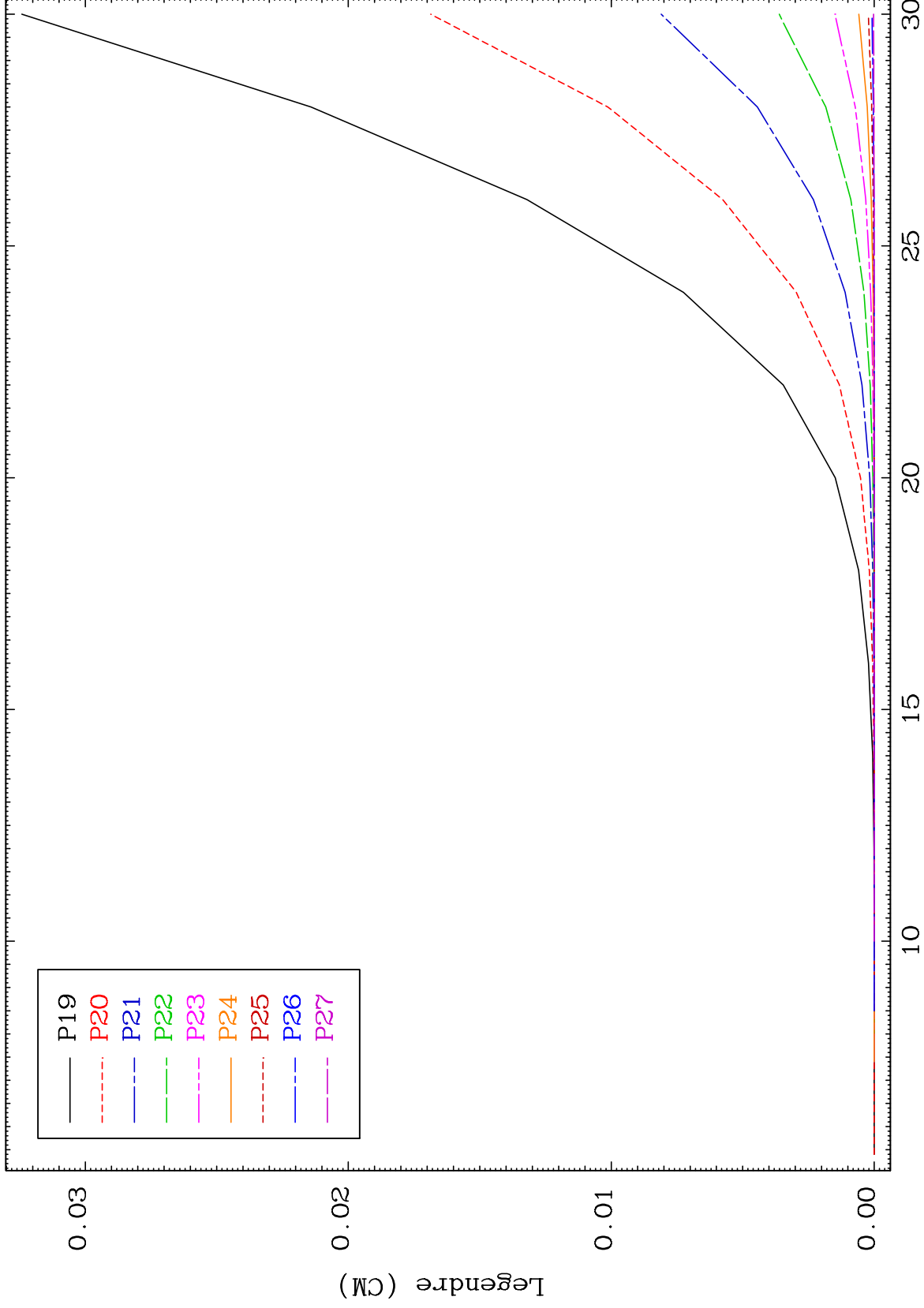
16



MAT 8101

### Elastic Legendre Coefficients

81-T1-195



18

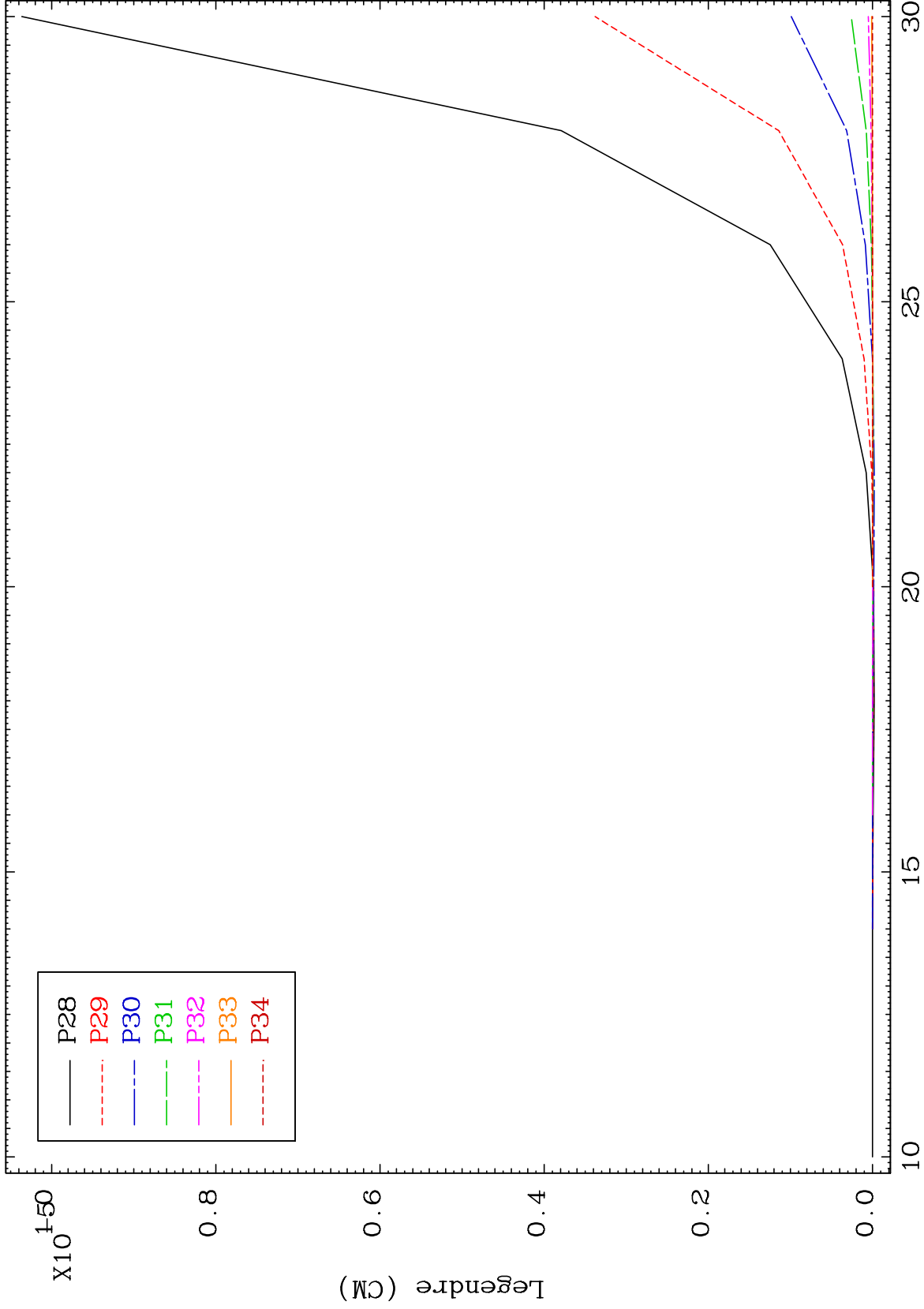
Incident Energy (MeV)

81-T1-195

MAT 8101

Elastic  
Legendre Coefficients

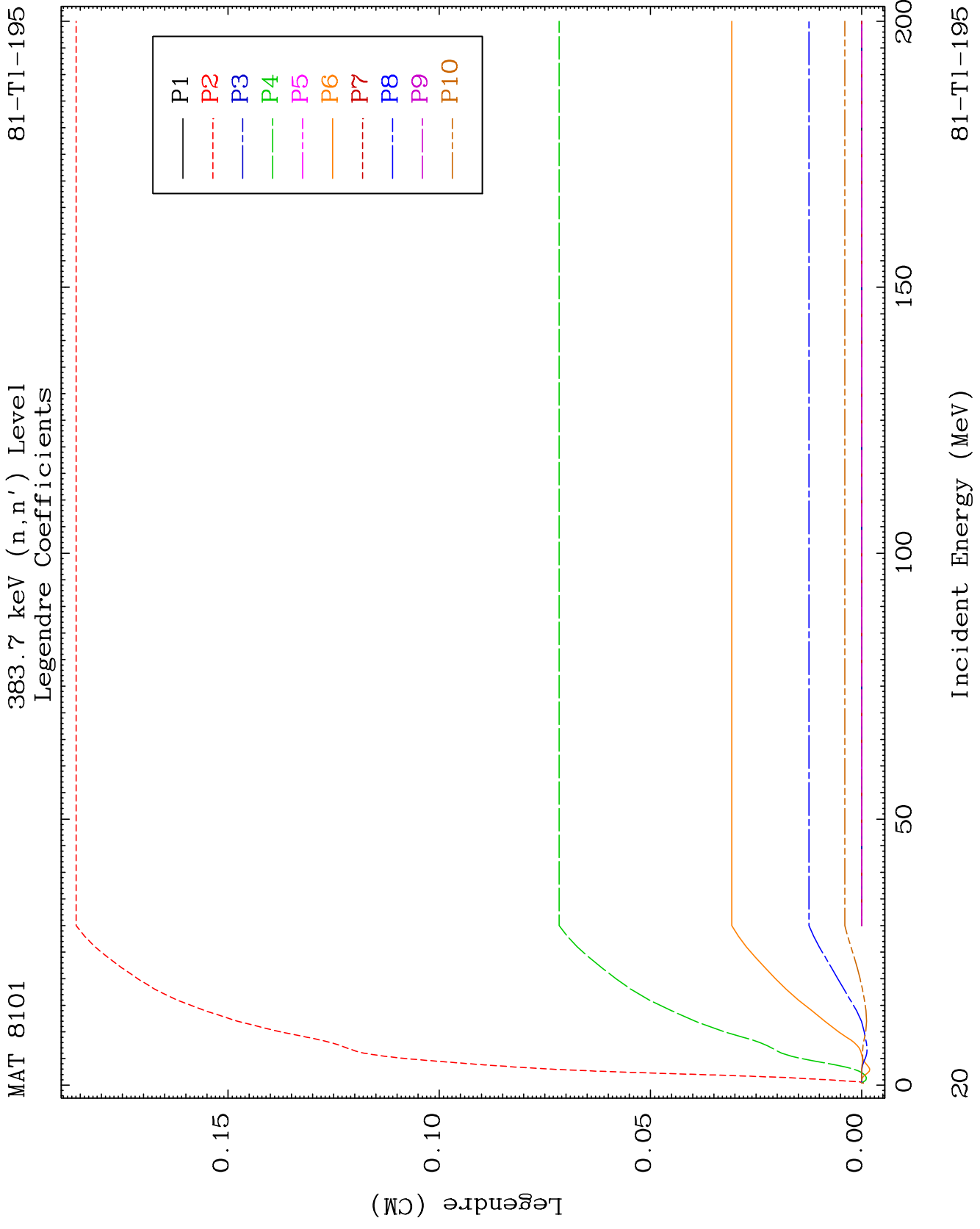
81-T1-195



19

Incident Energy (MeV)

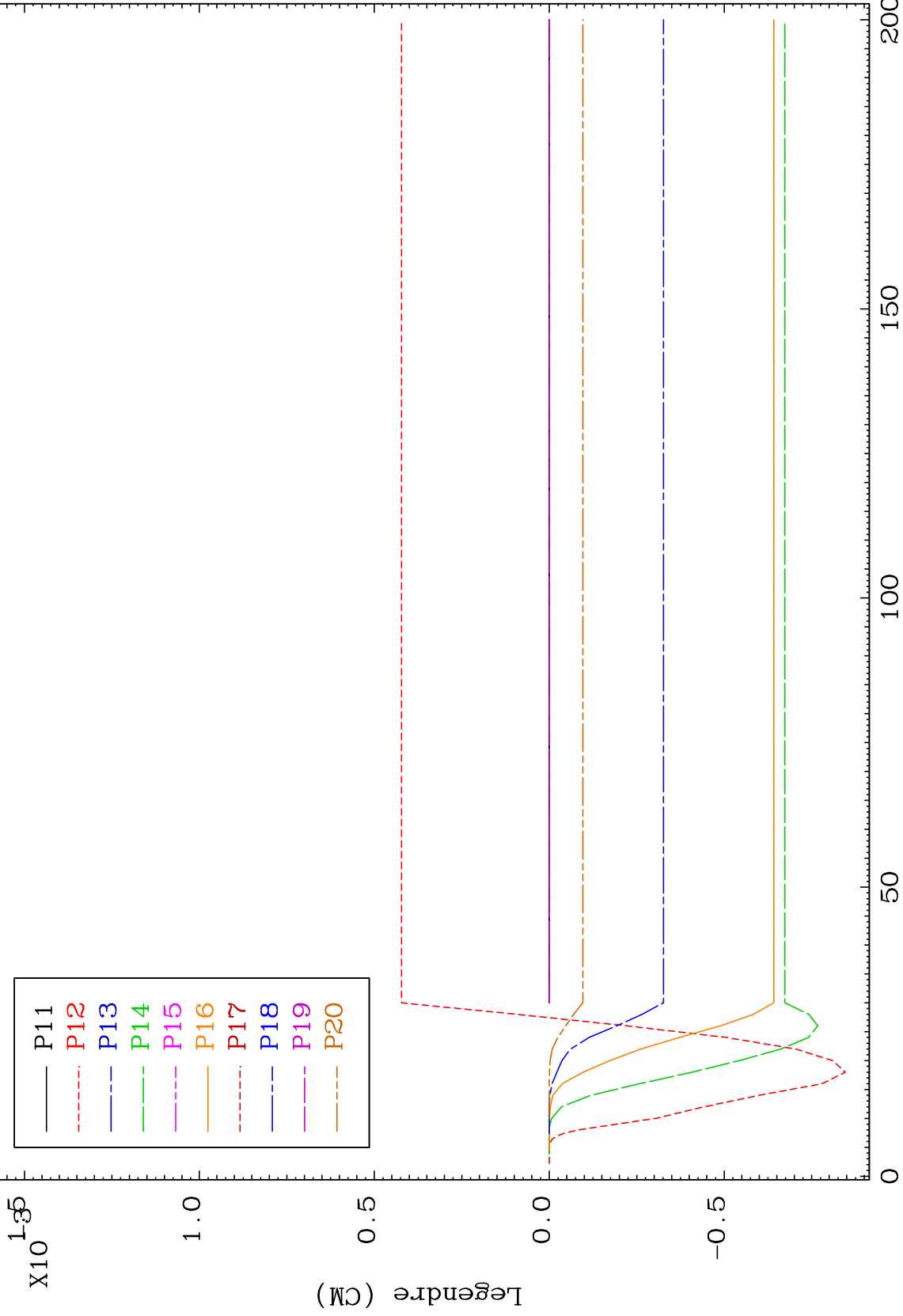
81-T1-195



MAT 8101

383.7 keV (n,n') Level  
Legendre Coefficients

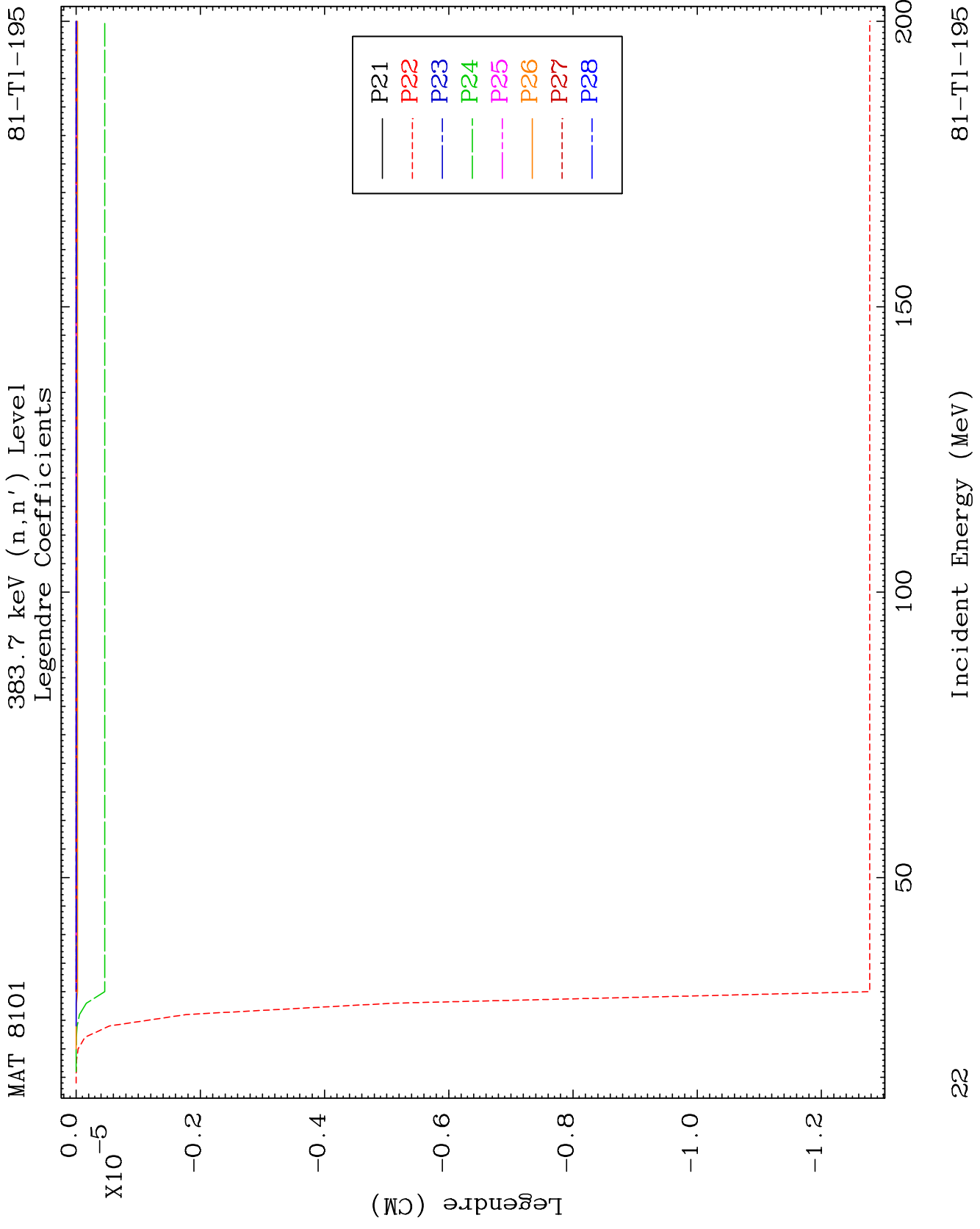
81-T1-195

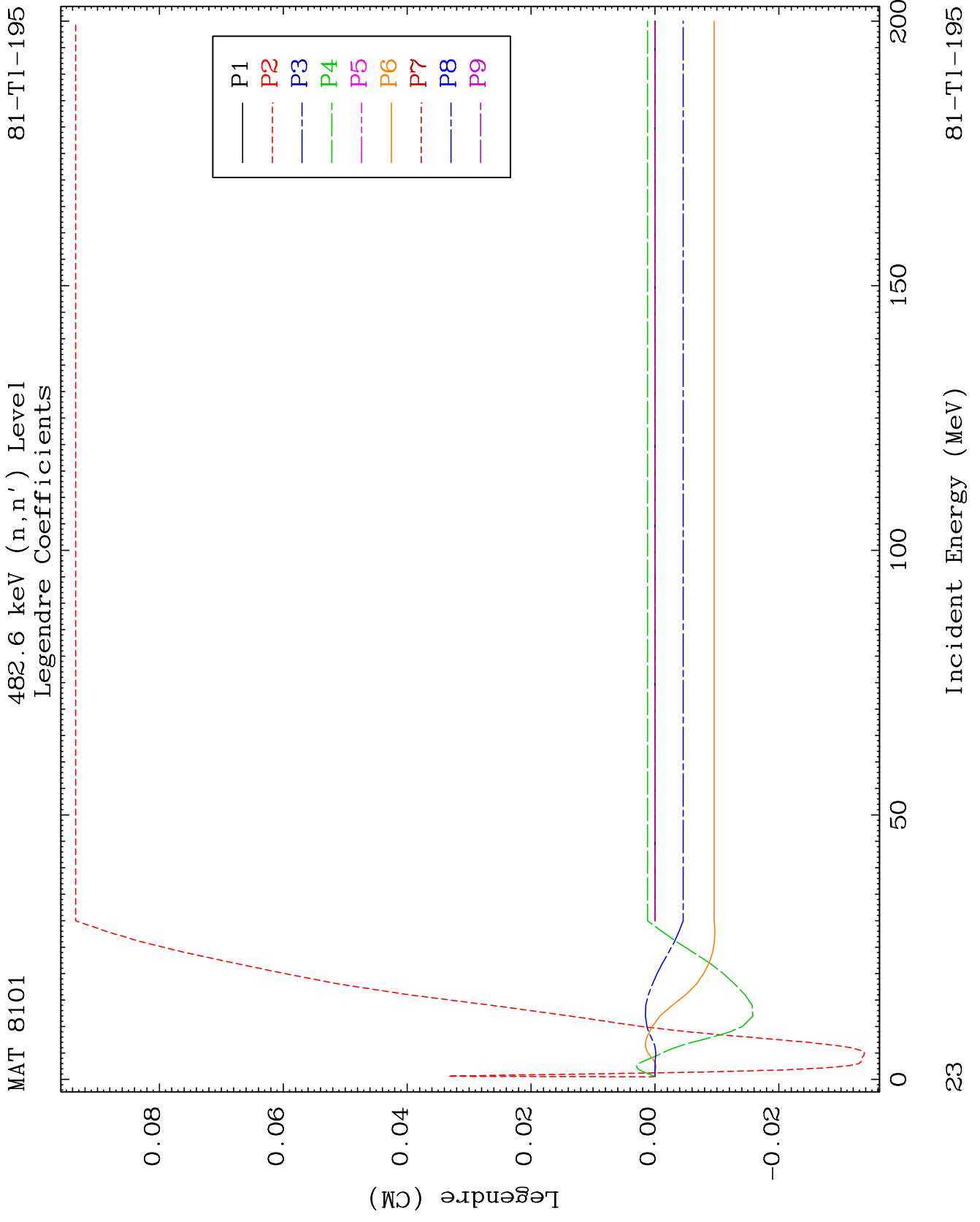


21

Incident Energy (MeV)

81-T1-195



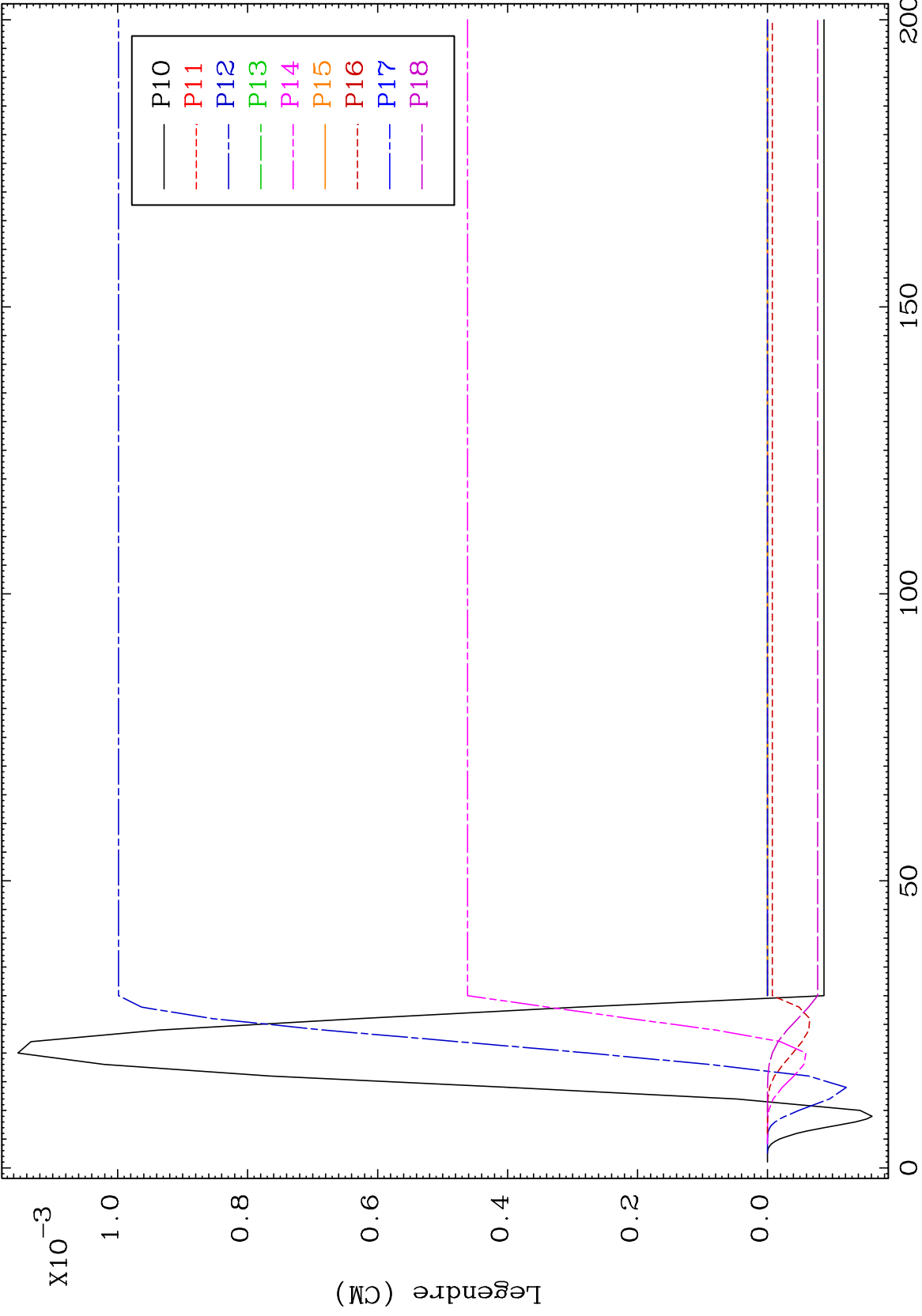




MAT 8101

482.6 keV (n,n') Level  
Legendre Coefficients

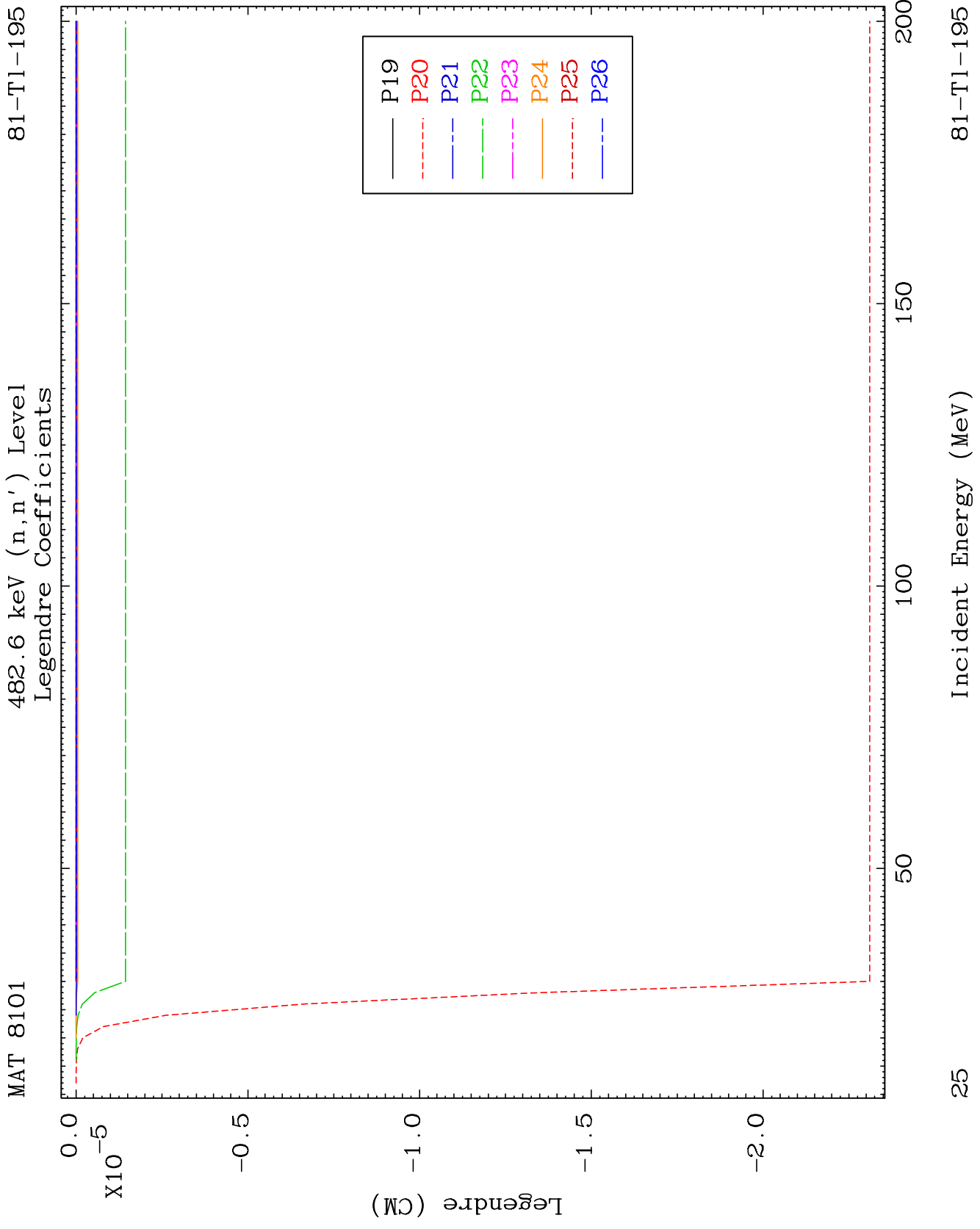
81-T1-195



24

Incident Energy (MeV)

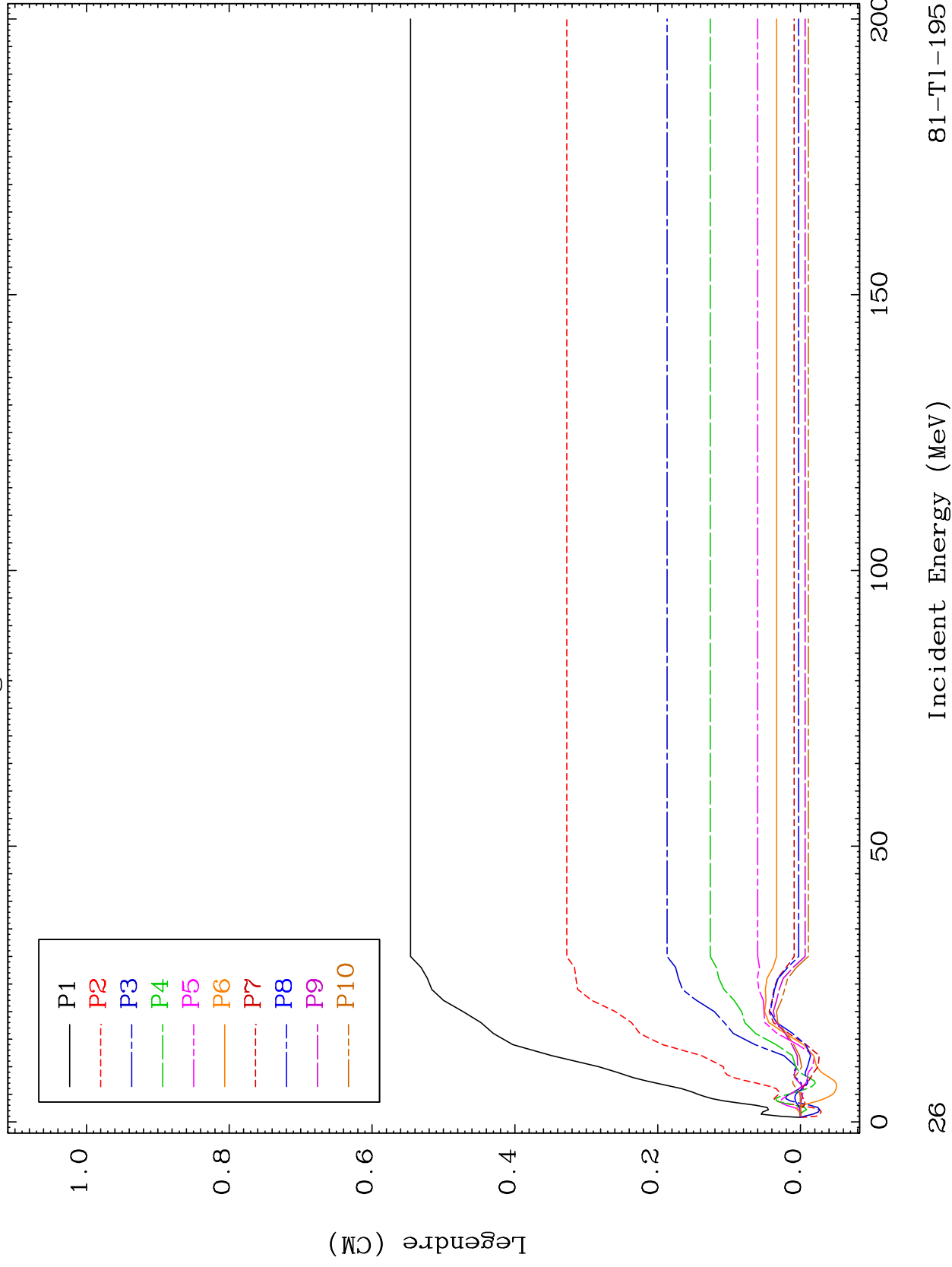
81-T1-195



MAT 8101

777.5 keV (n,n') Level  
Legendre Coefficients

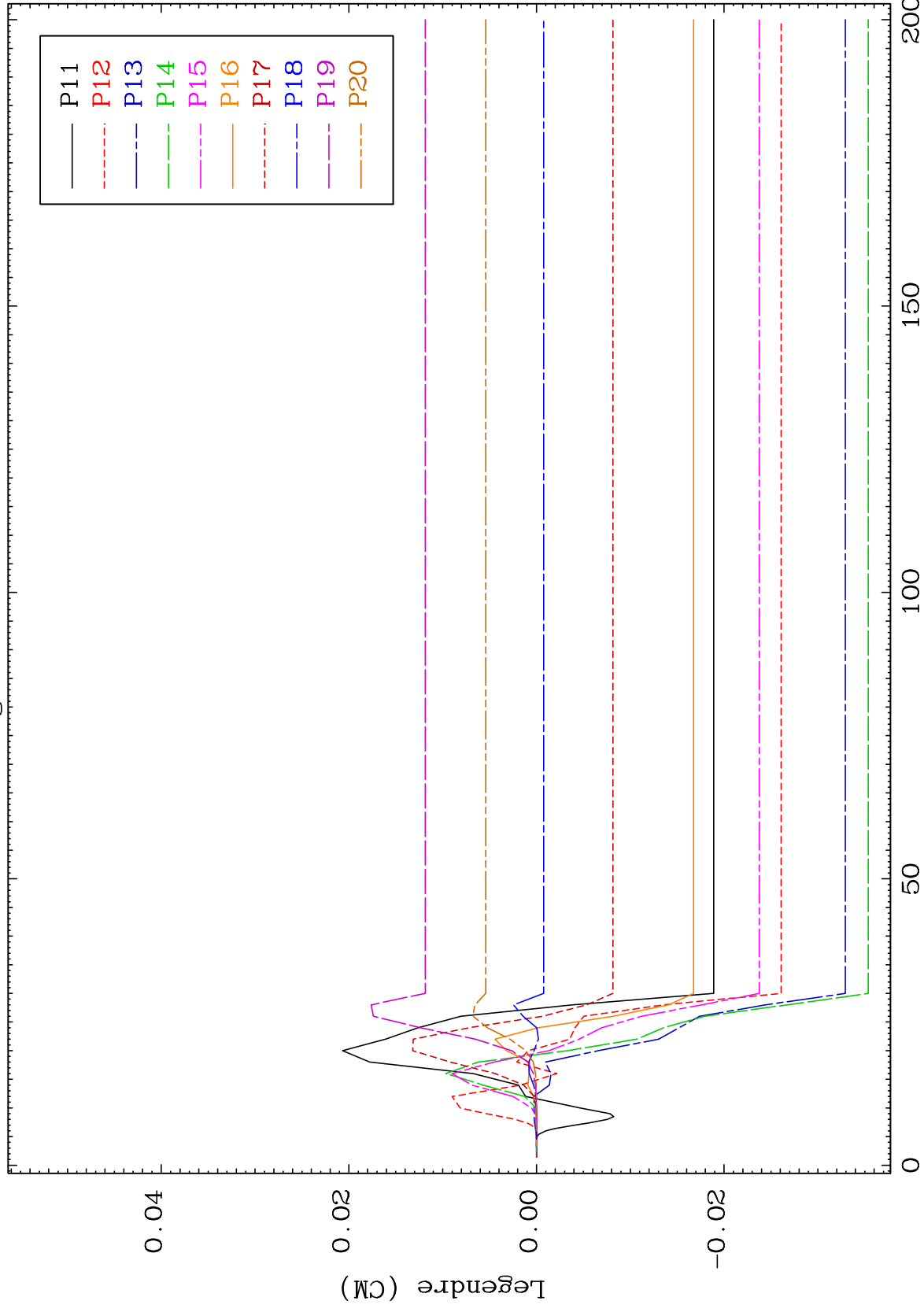
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MAT 8101

777.5 keV (n,n') Level  
Legendre Coefficients

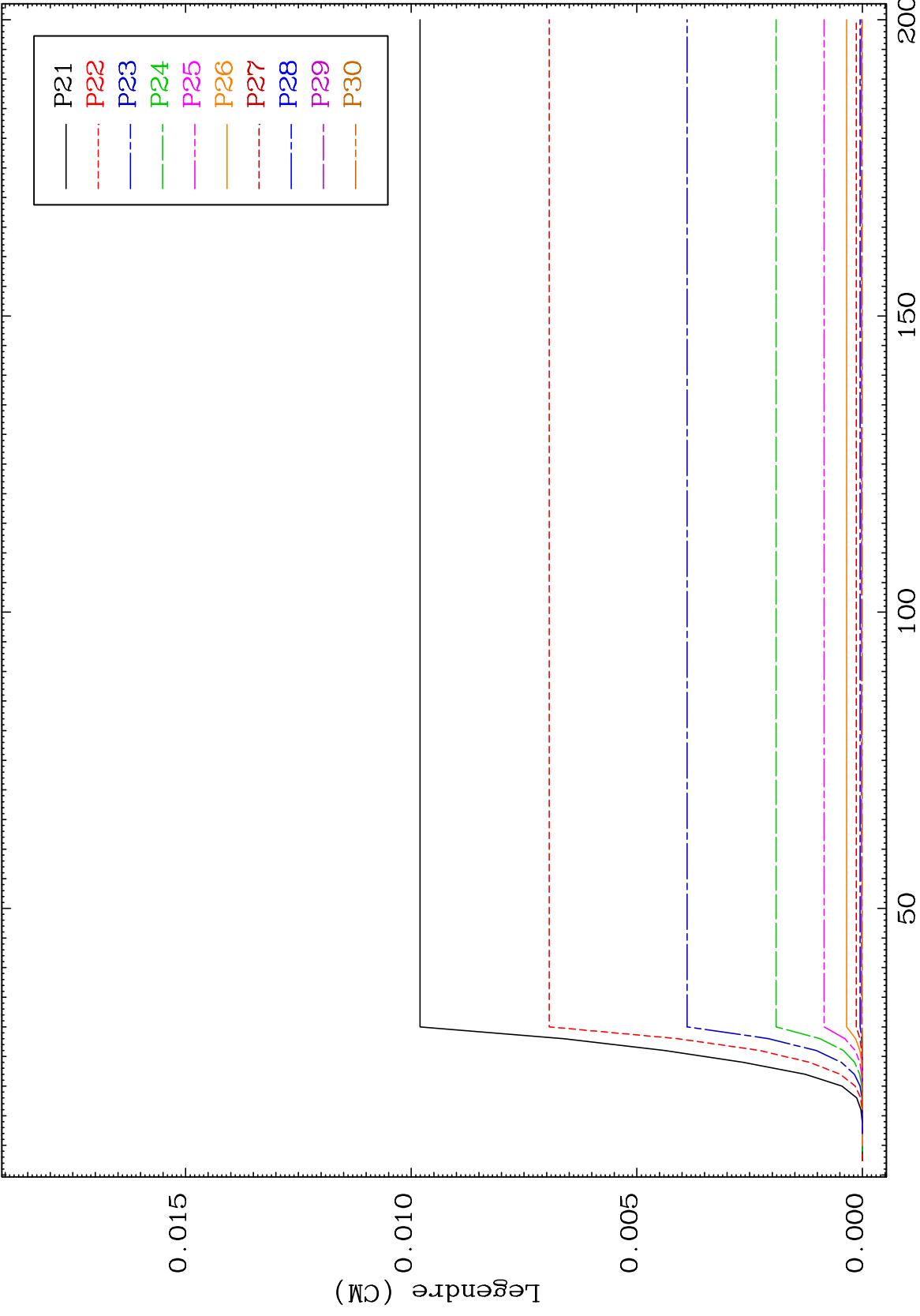
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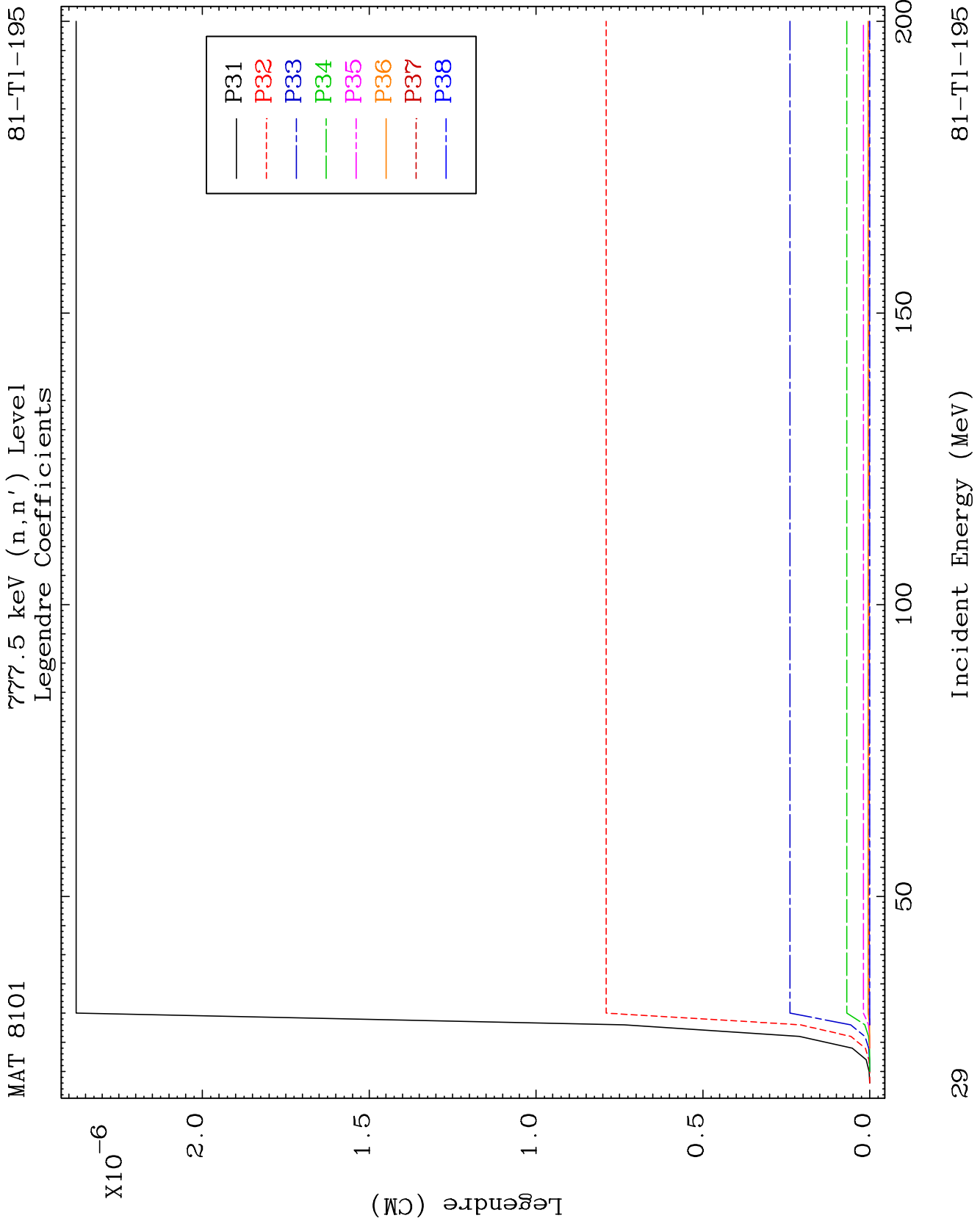


27

Incident Energy (MeV)

81-T1-195

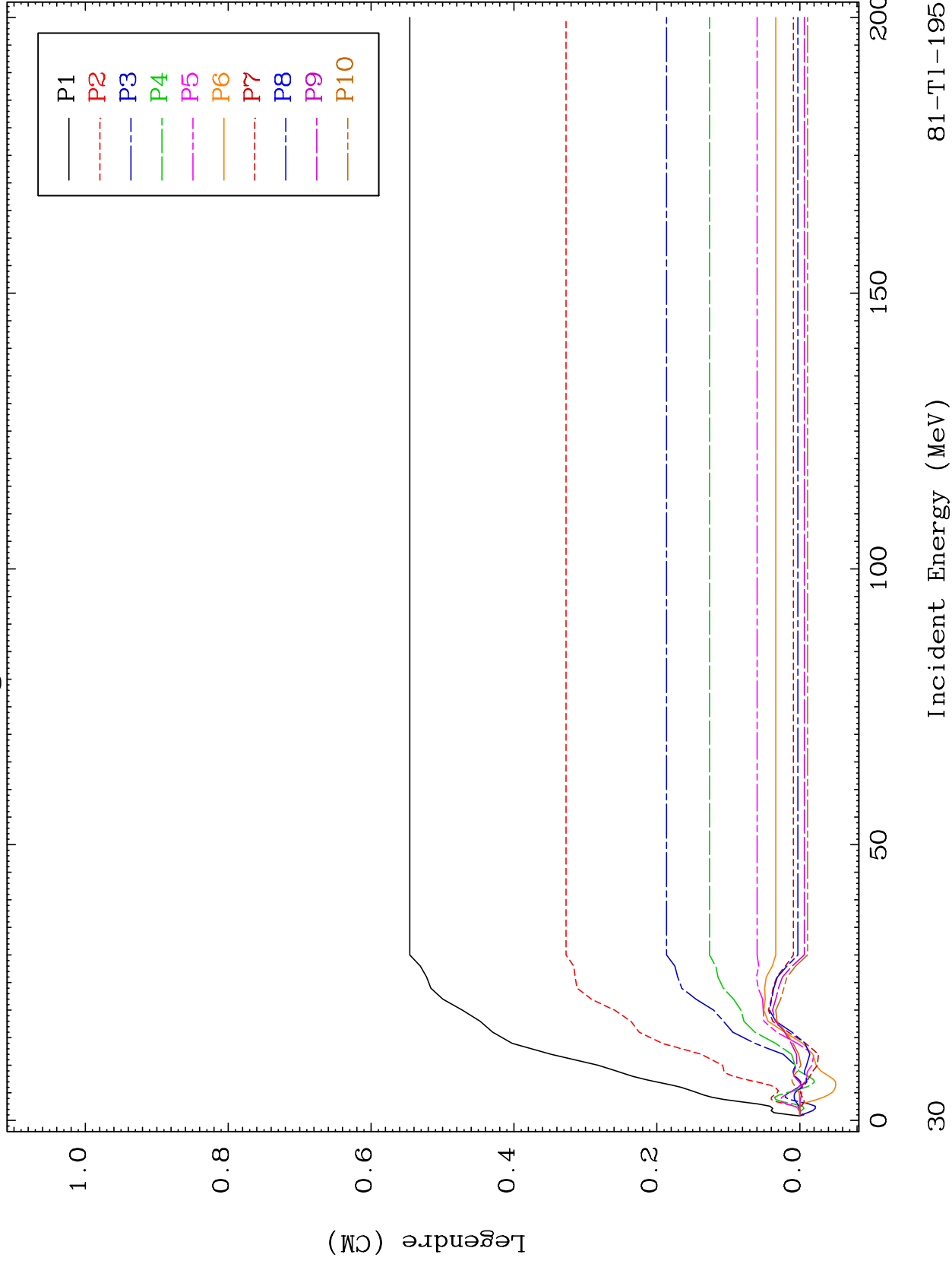




MAT 8101

811.1 keV (n,n') Level  
Legendre Coefficients

81-T1-195

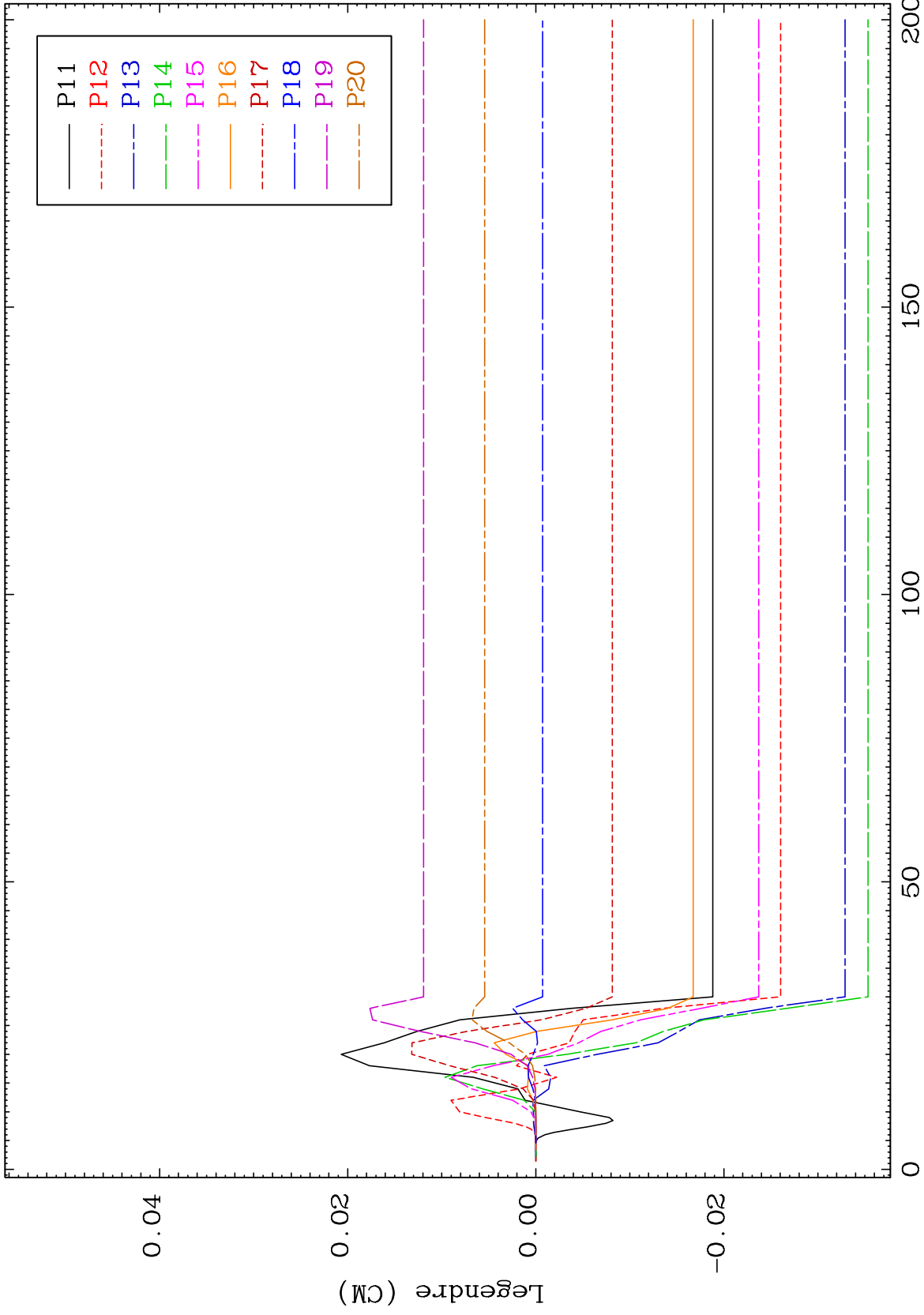


81-T1-195

MAT 8101

811.1 keV (n,n') Level  
Legendre Coefficients

81-T1-195



31

Incident Energy (MeV)

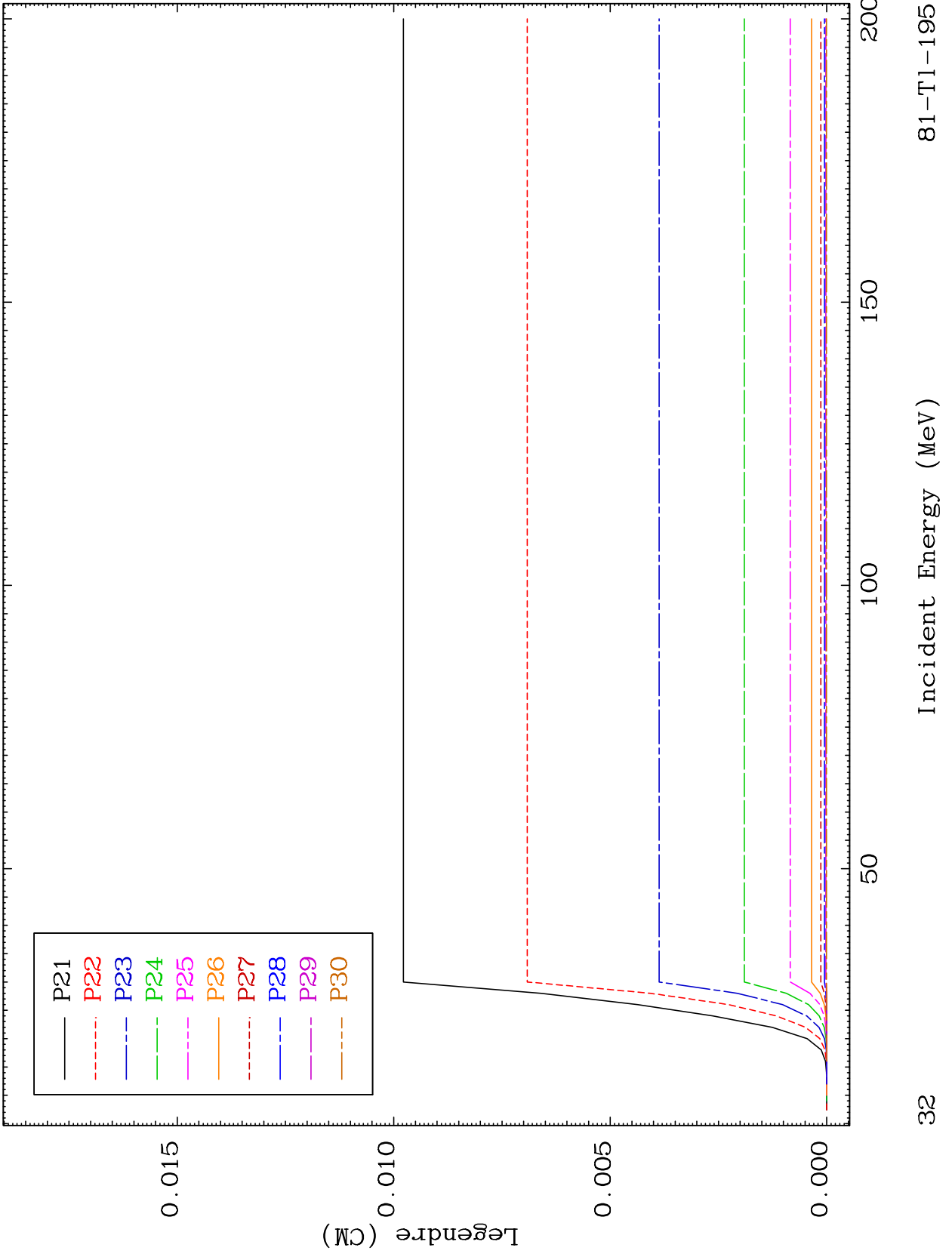
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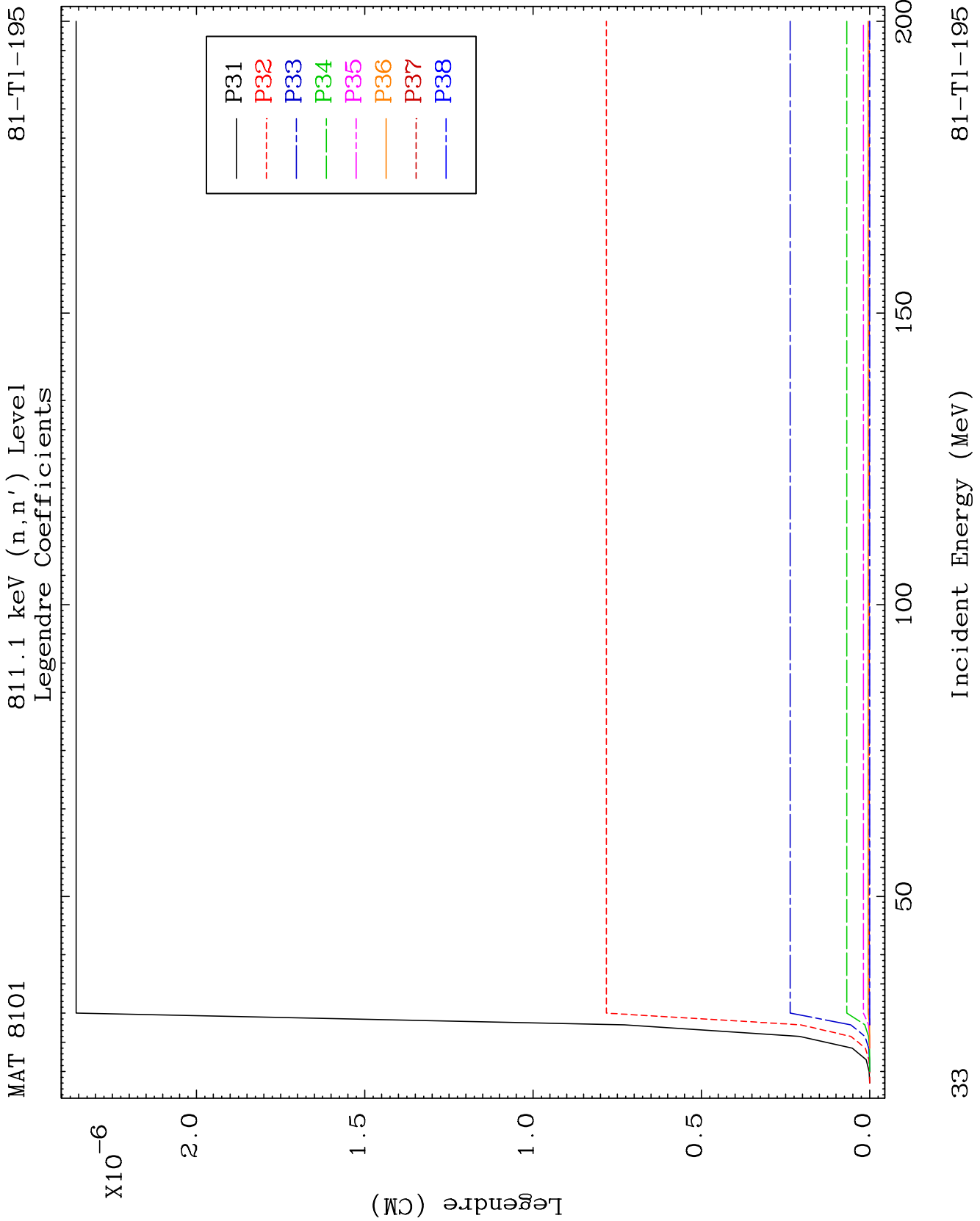
MAT 8101

811.1 keV (n,n') Level  
Legendre Coefficients

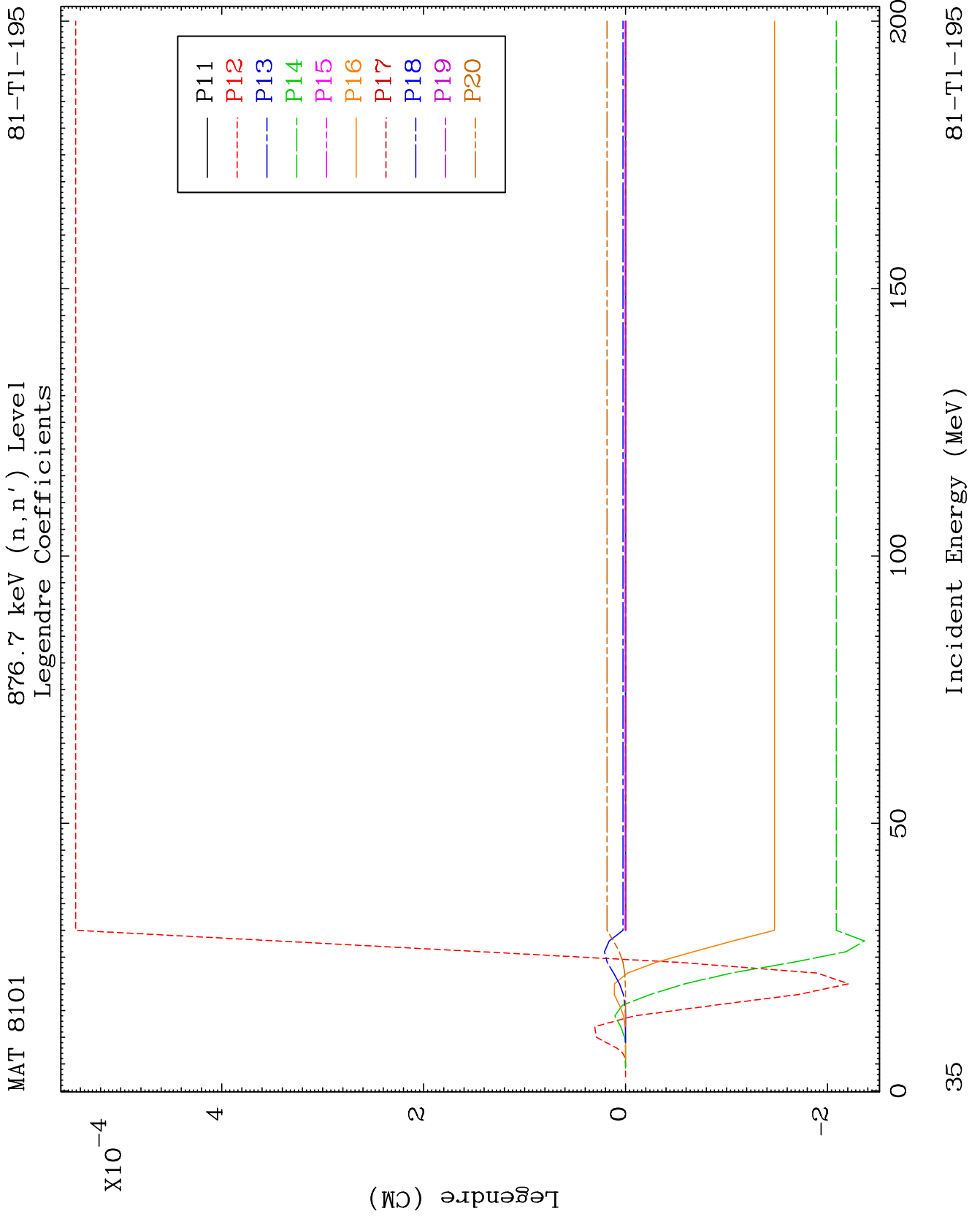
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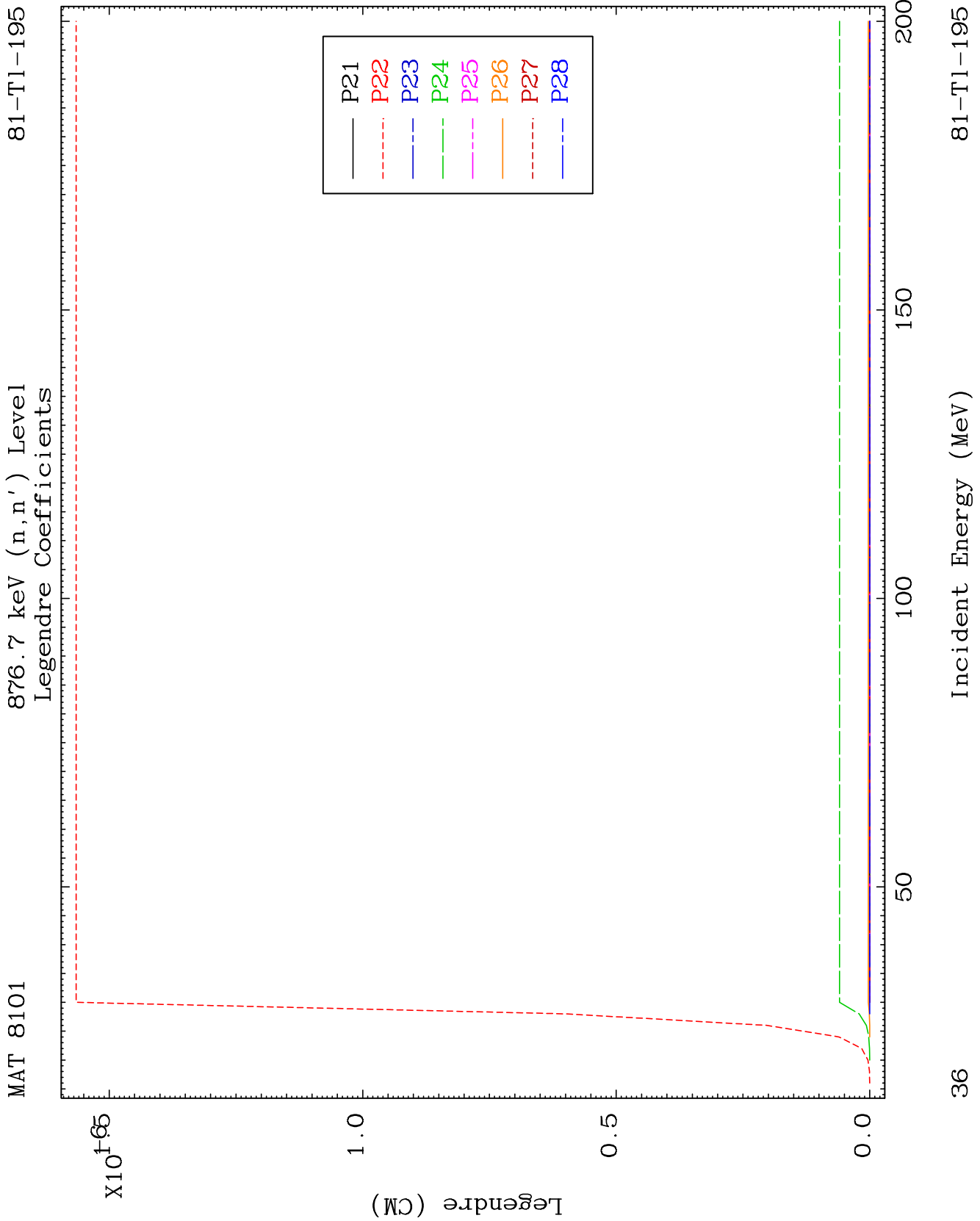


32





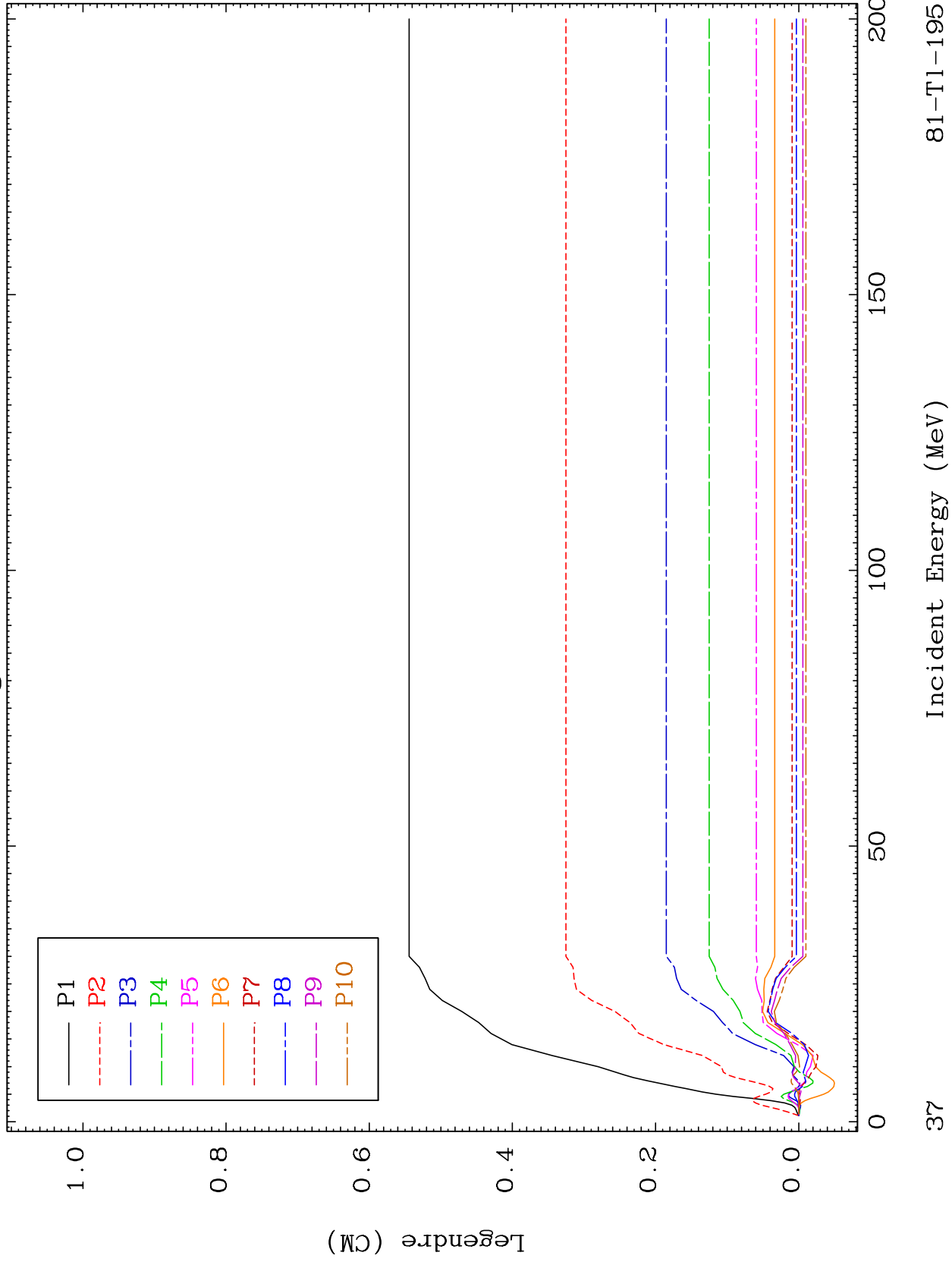




MAT 8101

1.080 MeV (n,n') Level  
Legendre Coefficients

81-T1-195



37

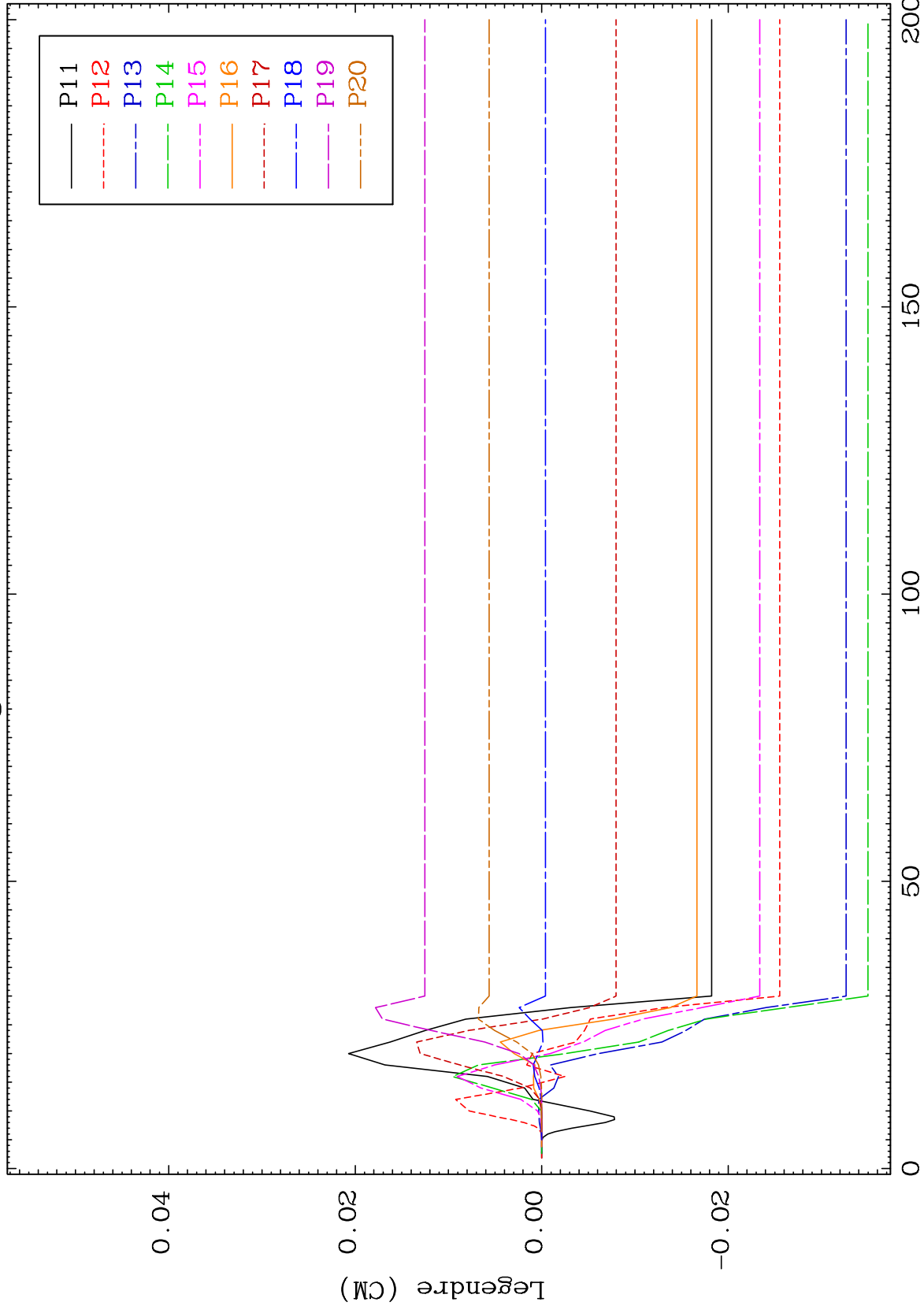
Incident Energy (MeV)

81-T1-195

MAT 8101

1.080 MeV (n,n') Level  
Legendre Coefficients

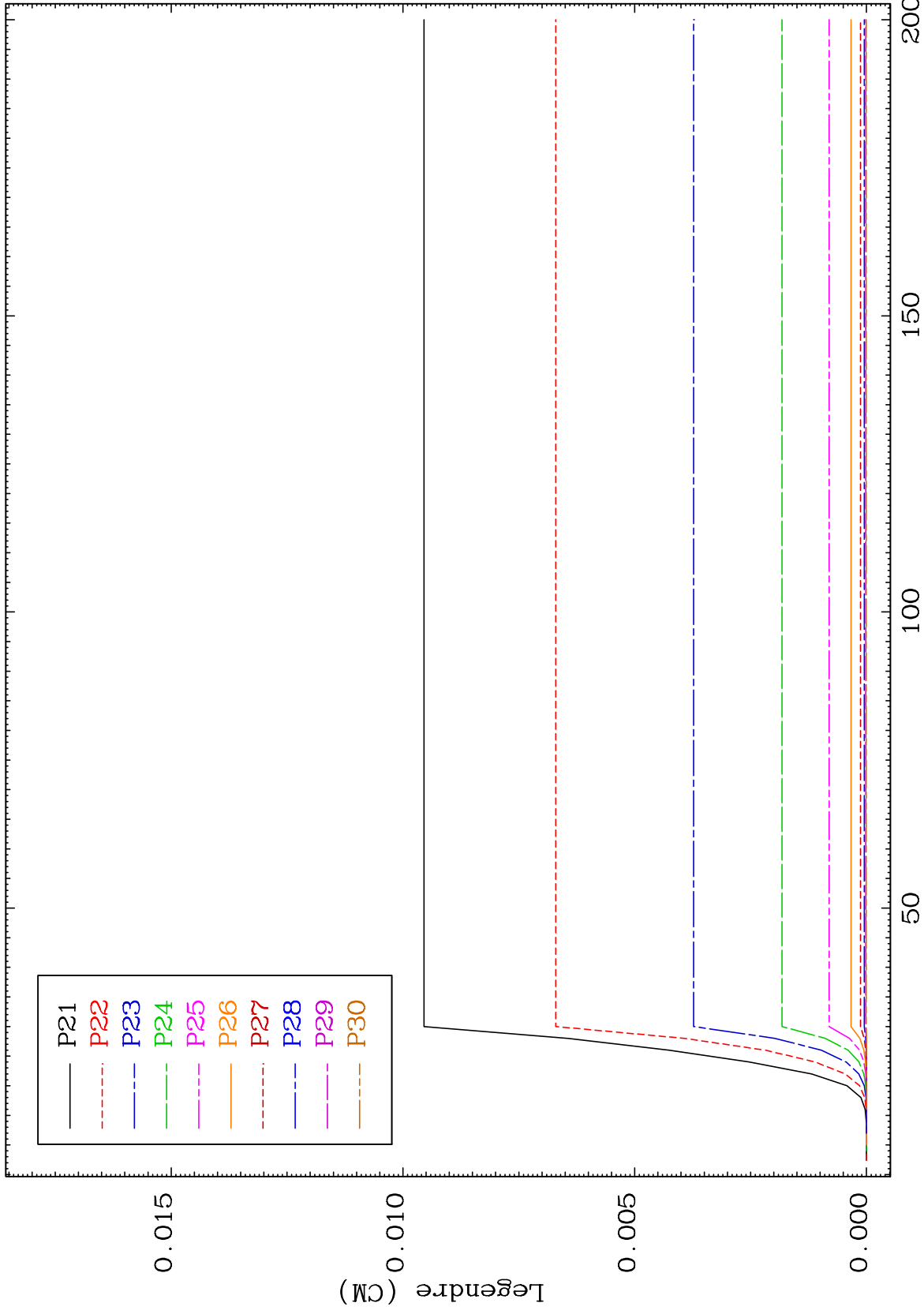
81-T1-195



38

Incident Energy (MeV)

81-T1-195





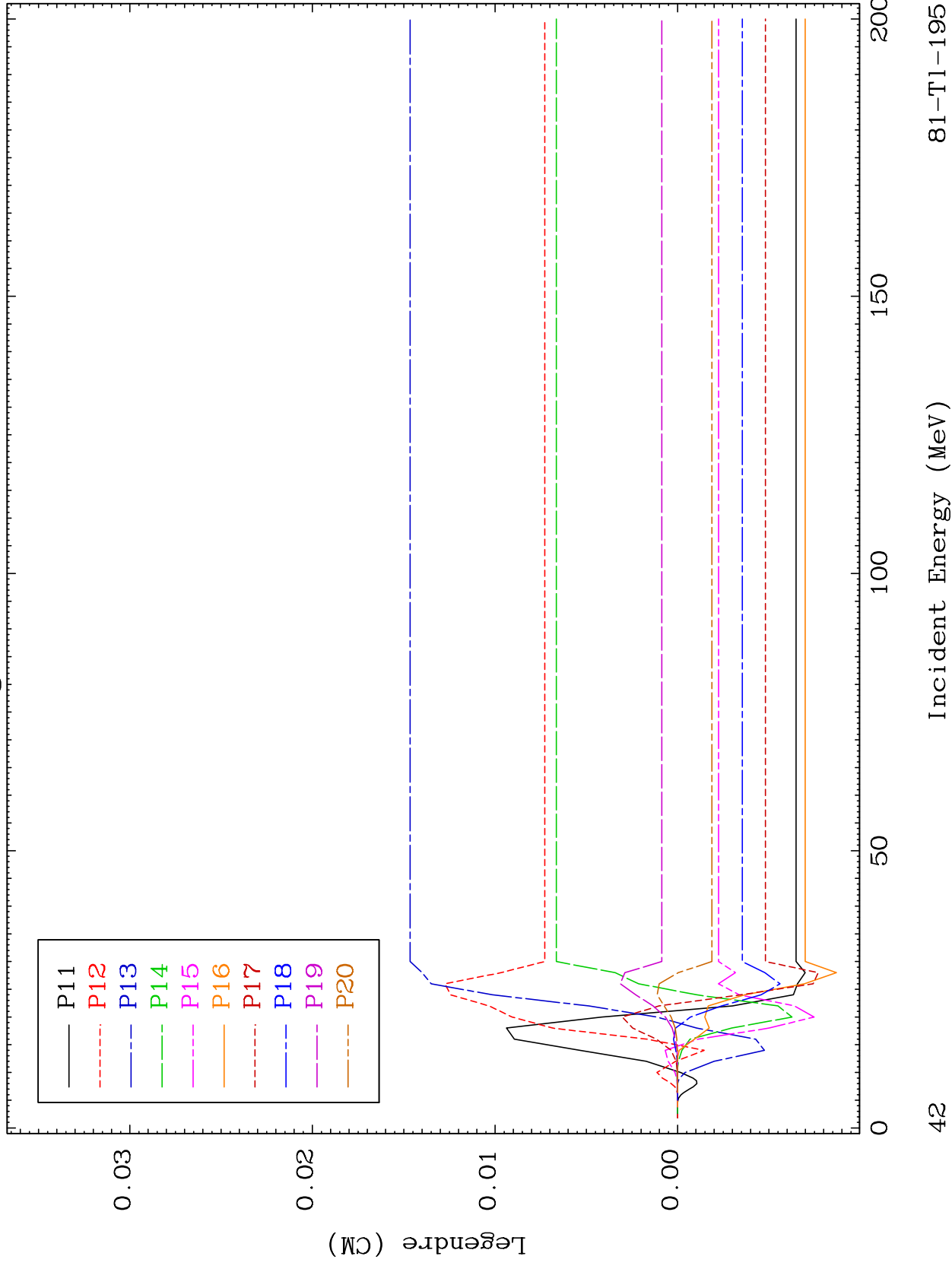




MAT 8101

1.174 MeV (n,n') Level  
Legendre Coefficients

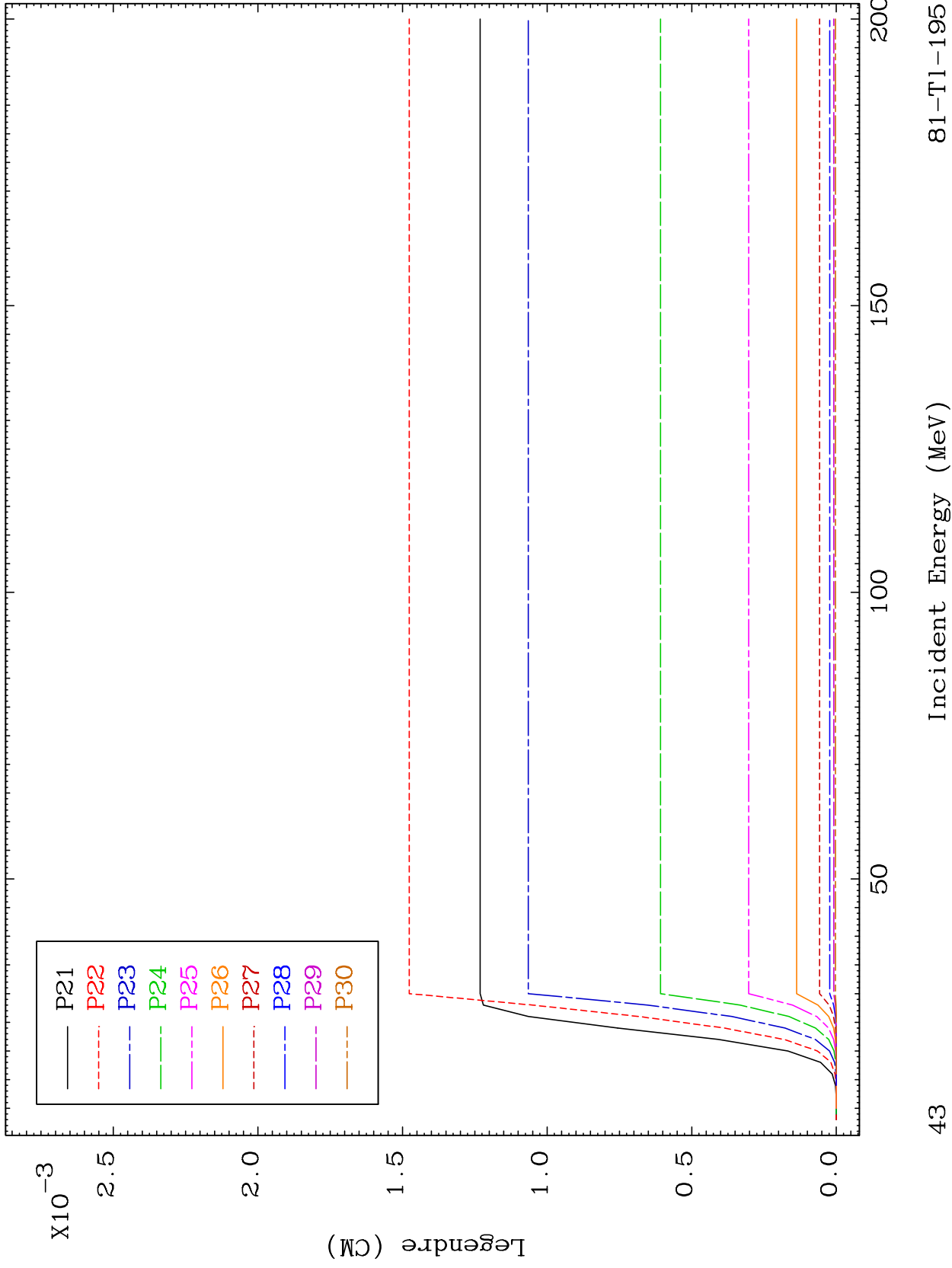
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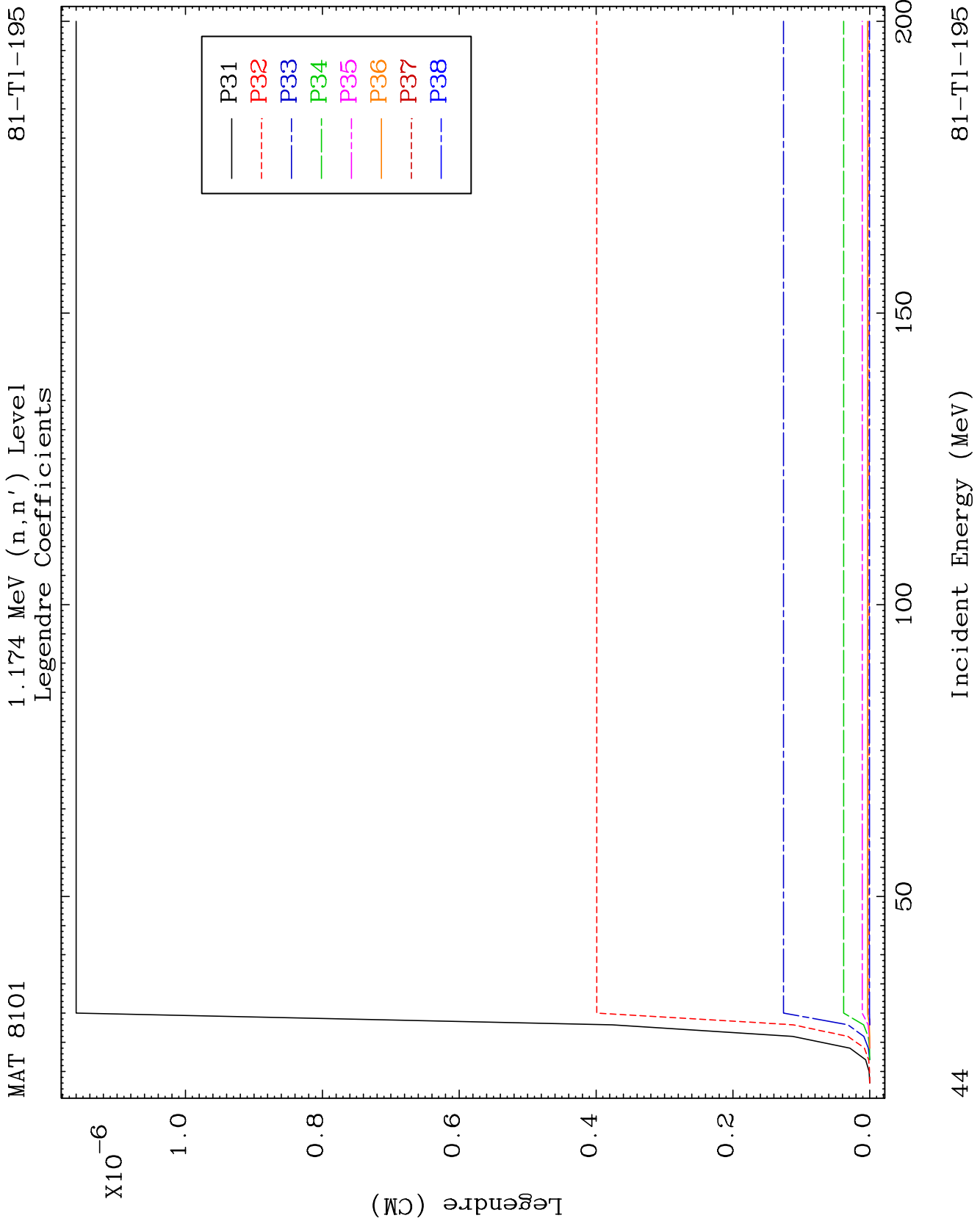


81-T1-195

Incident Energy (MeV)

42

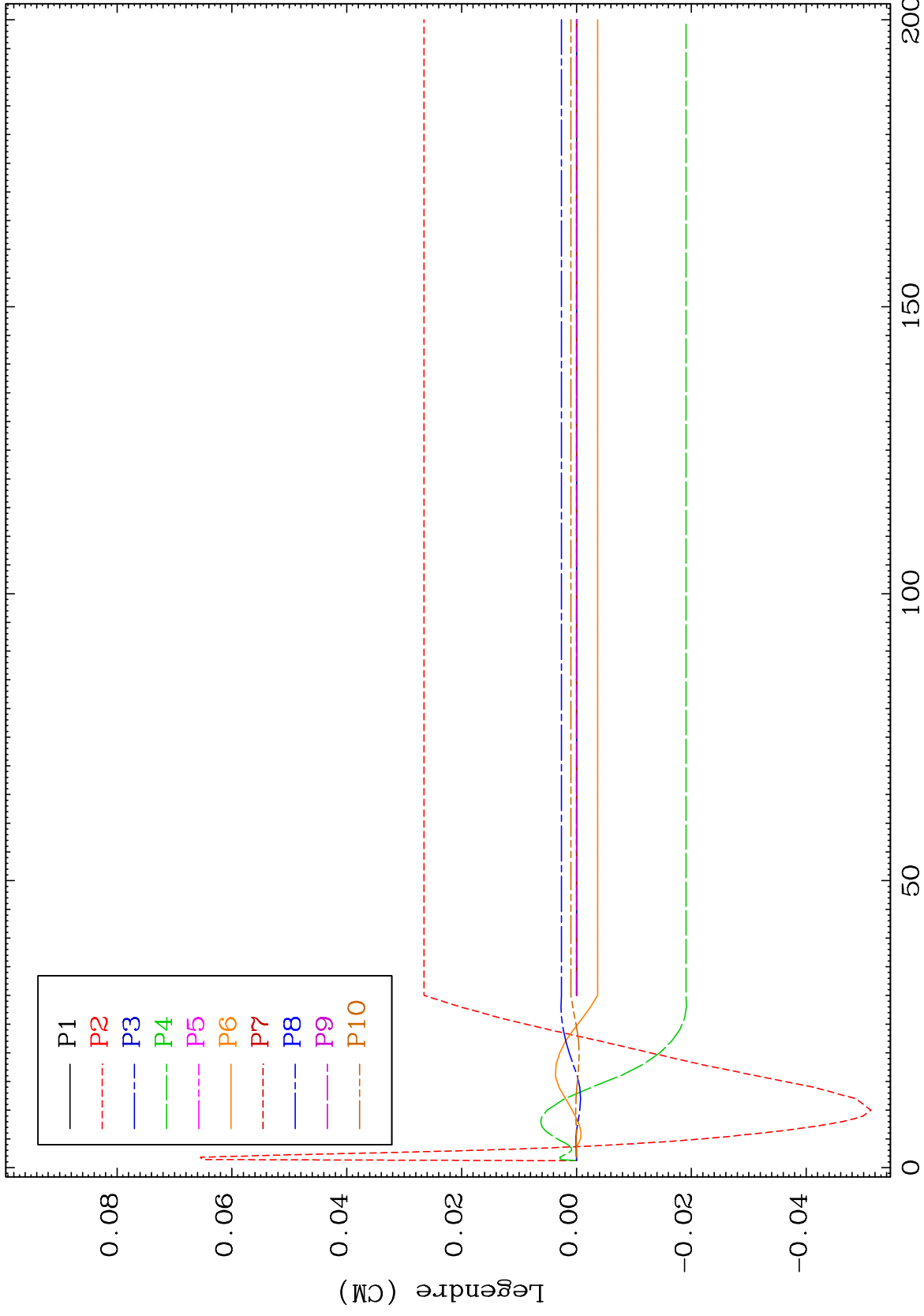




MAT 8101

1.190 MeV (n,n') Level  
Legendre Coefficients

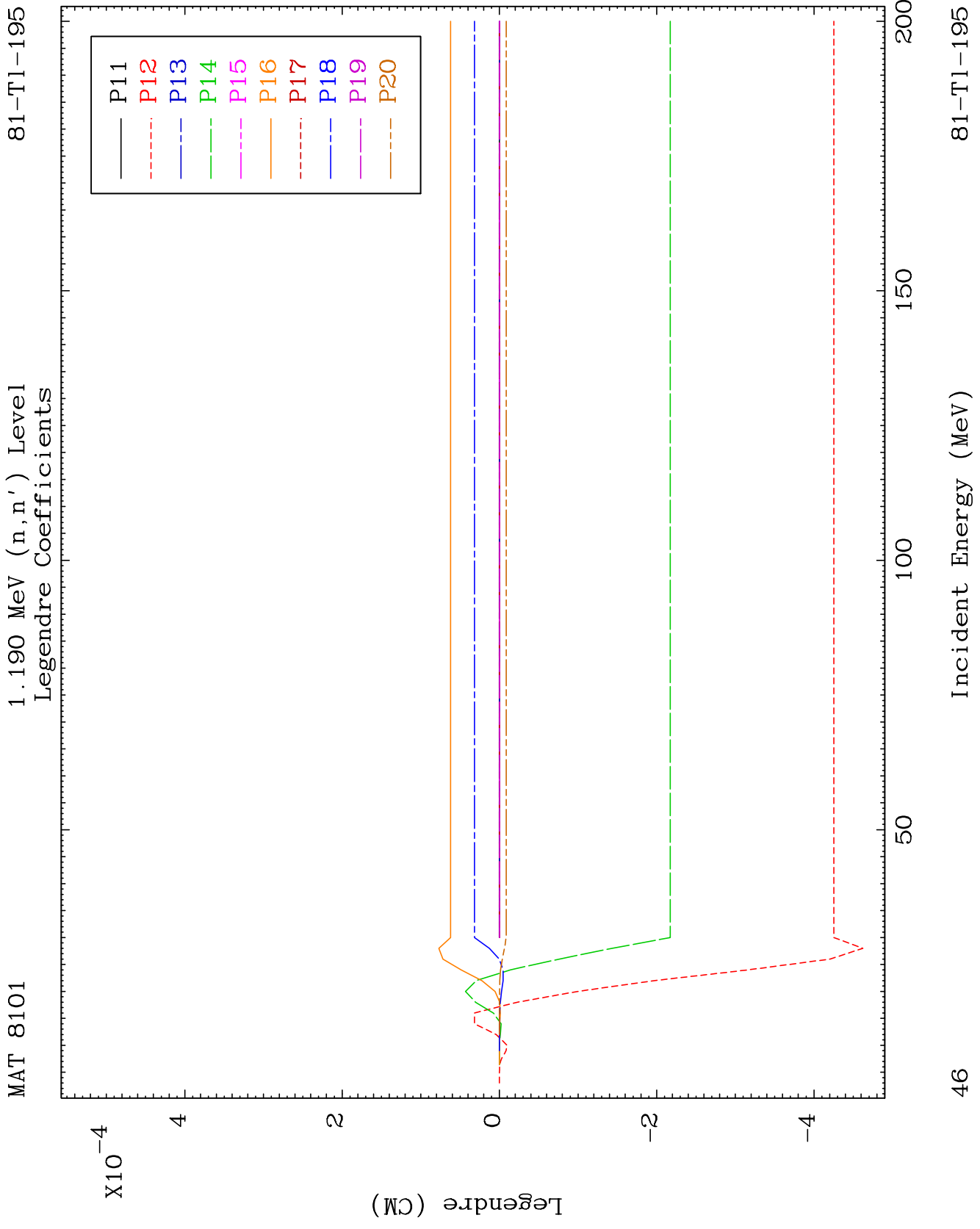
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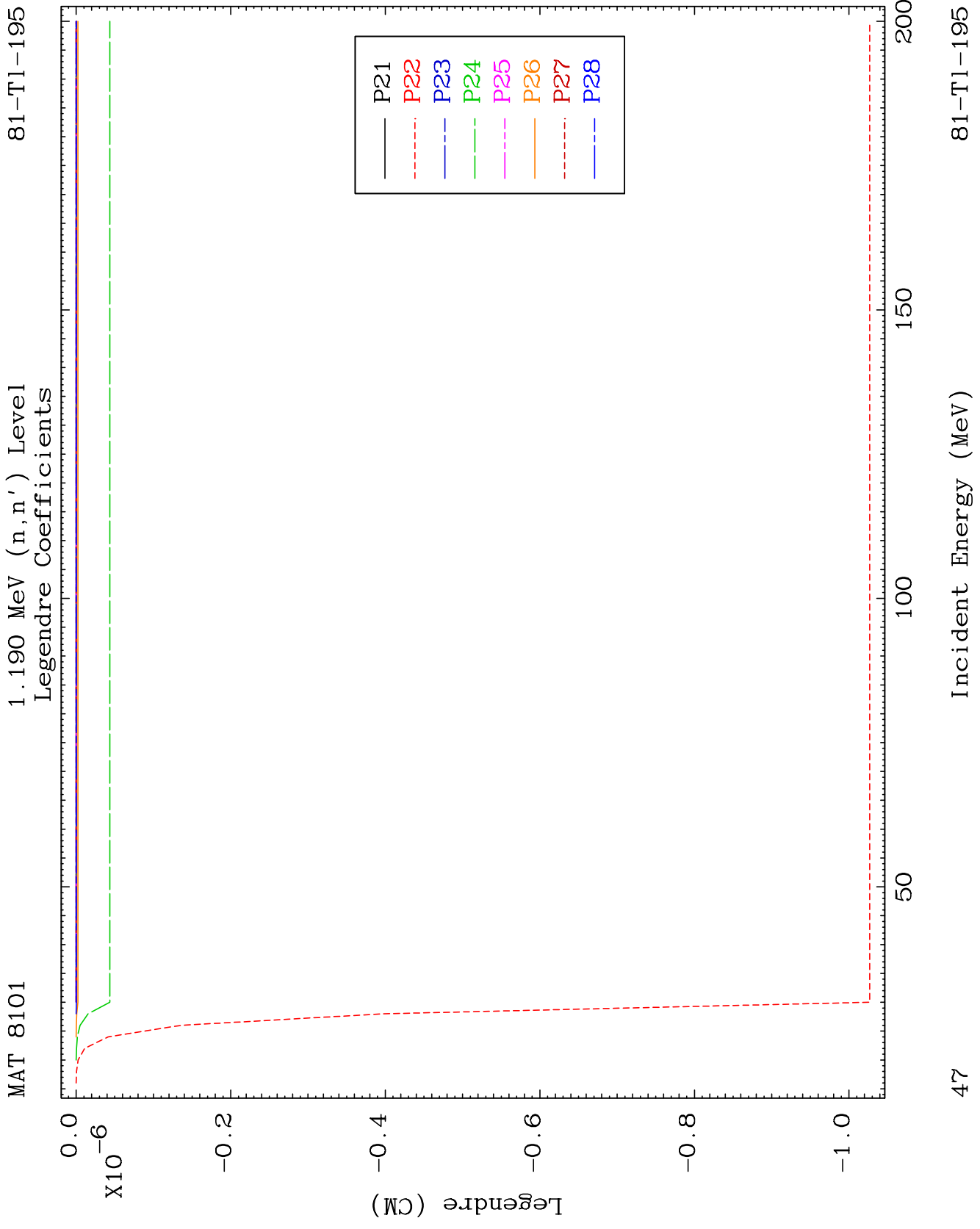


45

Incident Energy (MeV)

81-T1-195



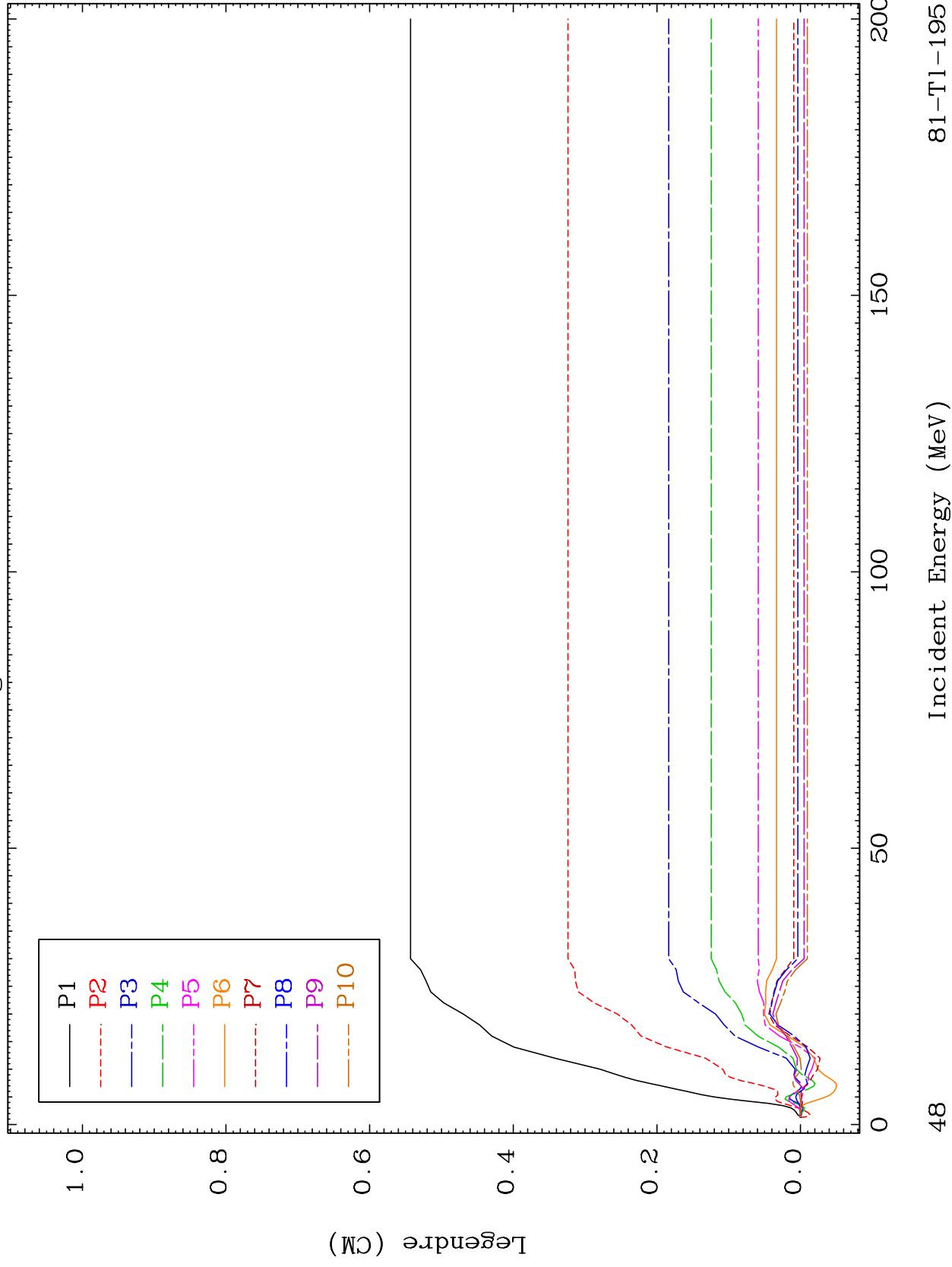




MAT 8101

1.267 MeV (n,n') Level  
Legendre Coefficients

81-T1-195

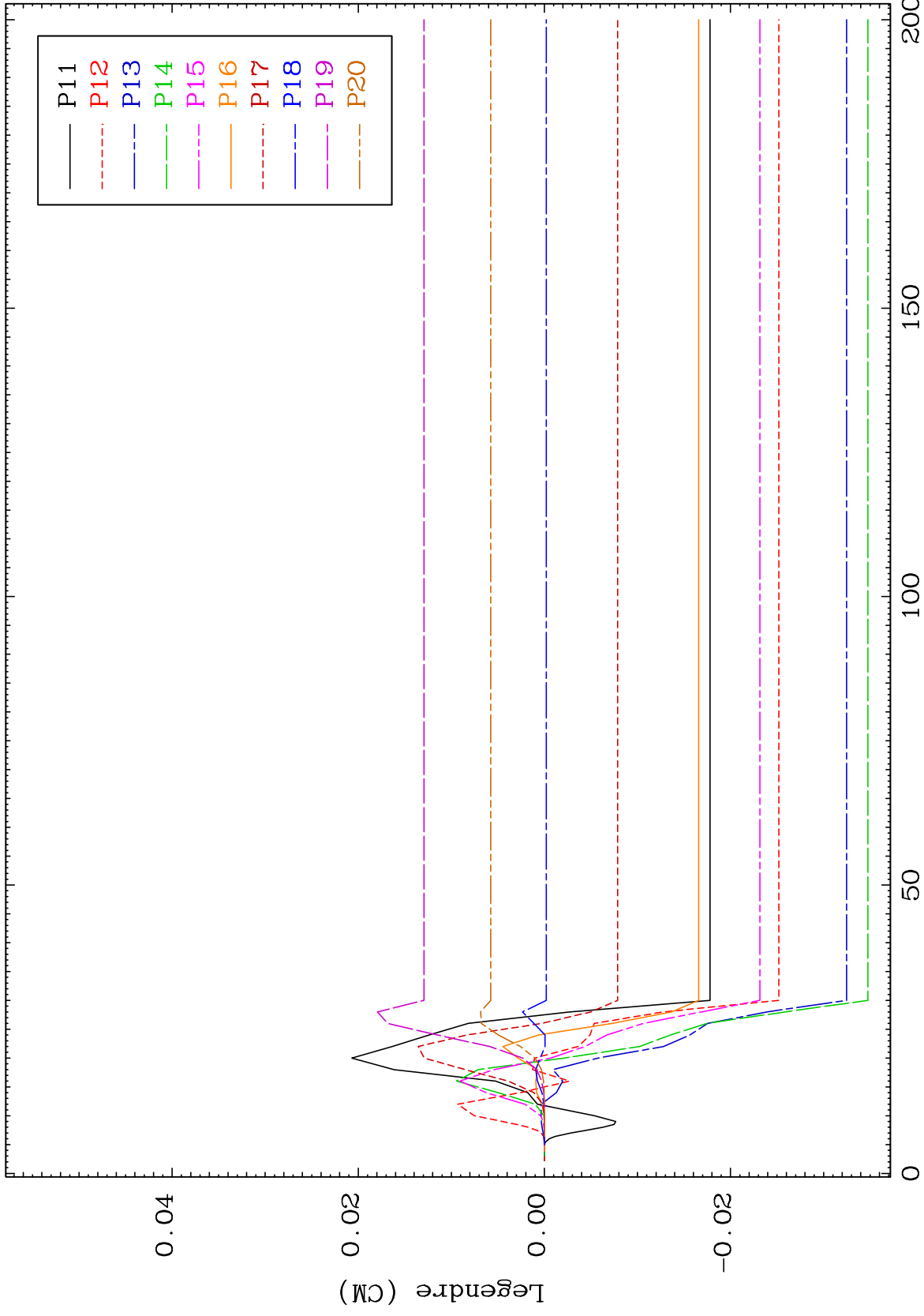


48

MAT 8101

1.267 MeV (n,n') Level  
Legendre Coefficients

81-T1-195



49

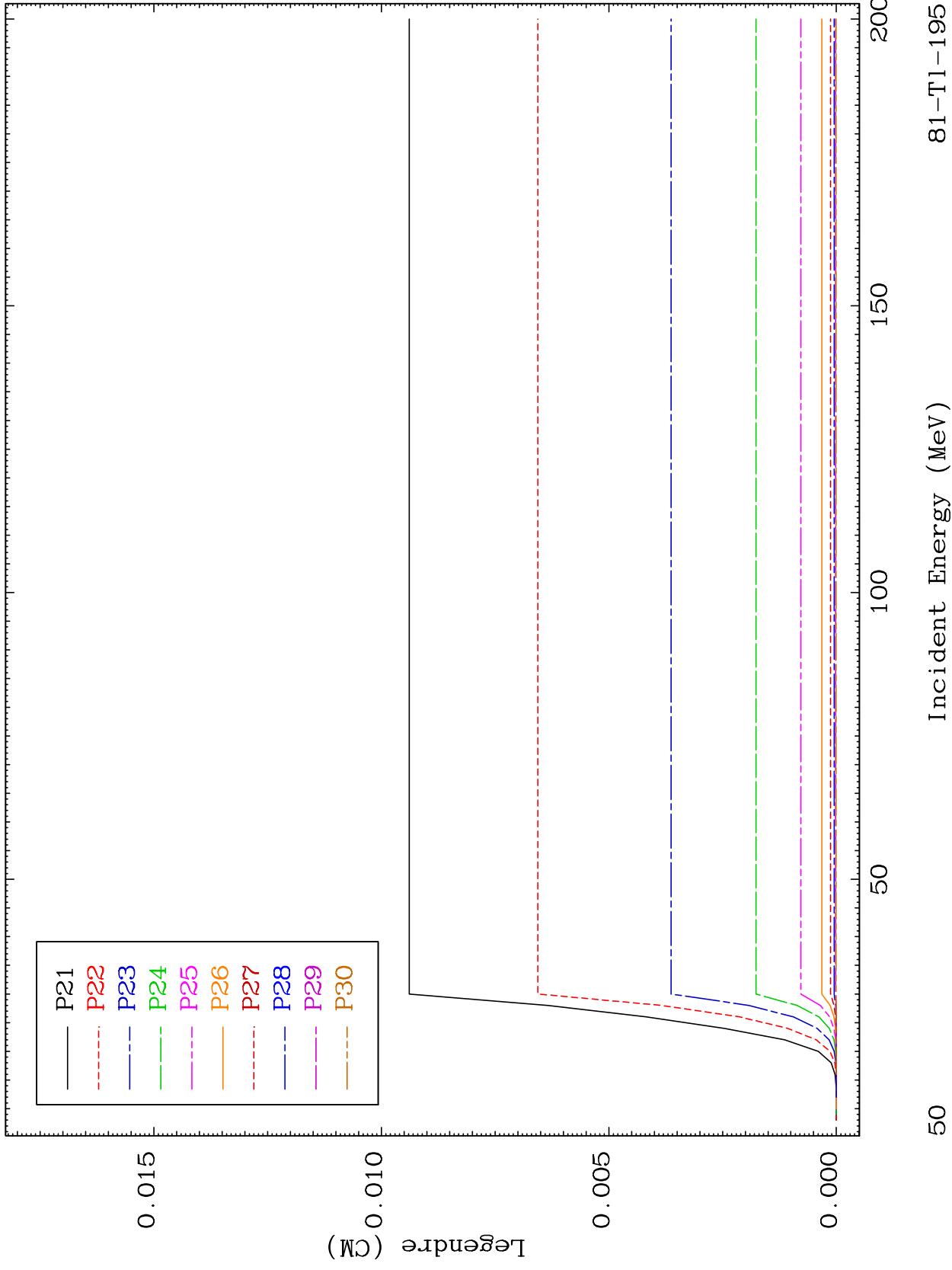
Incident Energy (MeV)

81-T1-195

MAT 8101

1.267 MeV (n,n') Level  
Legendre Coefficients

81-T1-195



81-T1-195

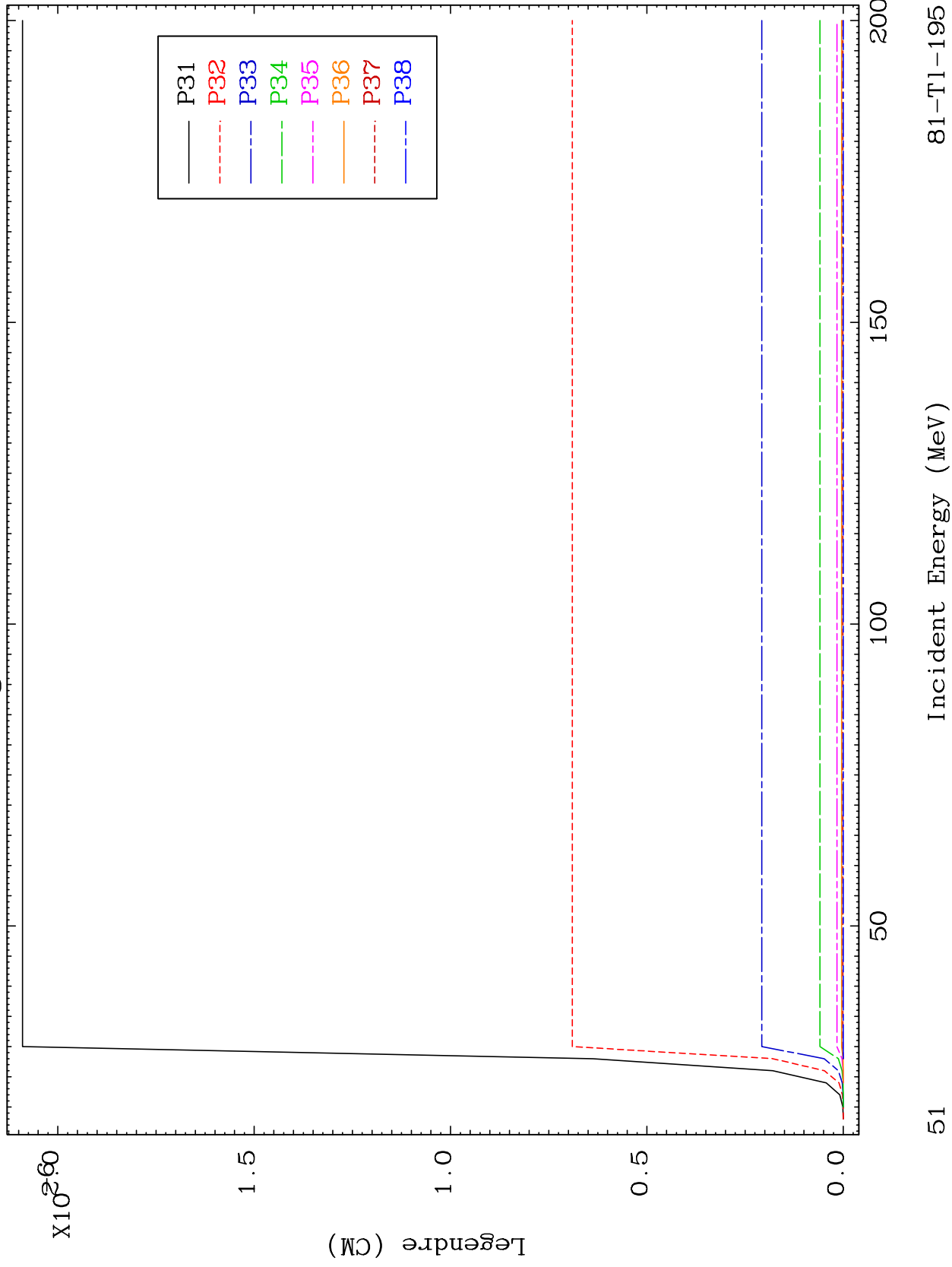
Incident Energy (MeV)

50

MAT 8101

1.267 MeV (n,n') Level  
Legendre Coefficients

81-T1-195



51

Incident Energy (MeV)

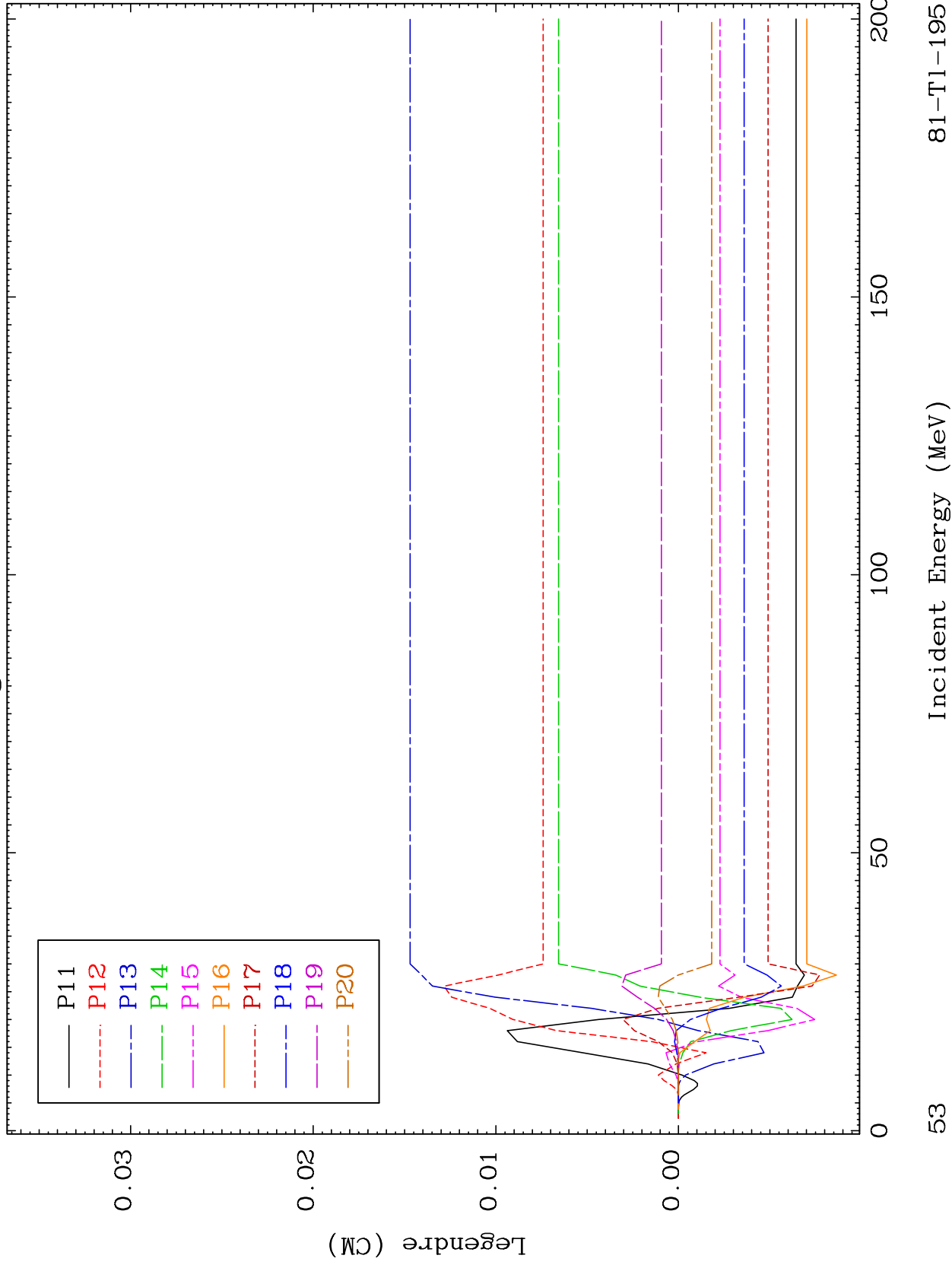
81-T1-195



MAT 8101

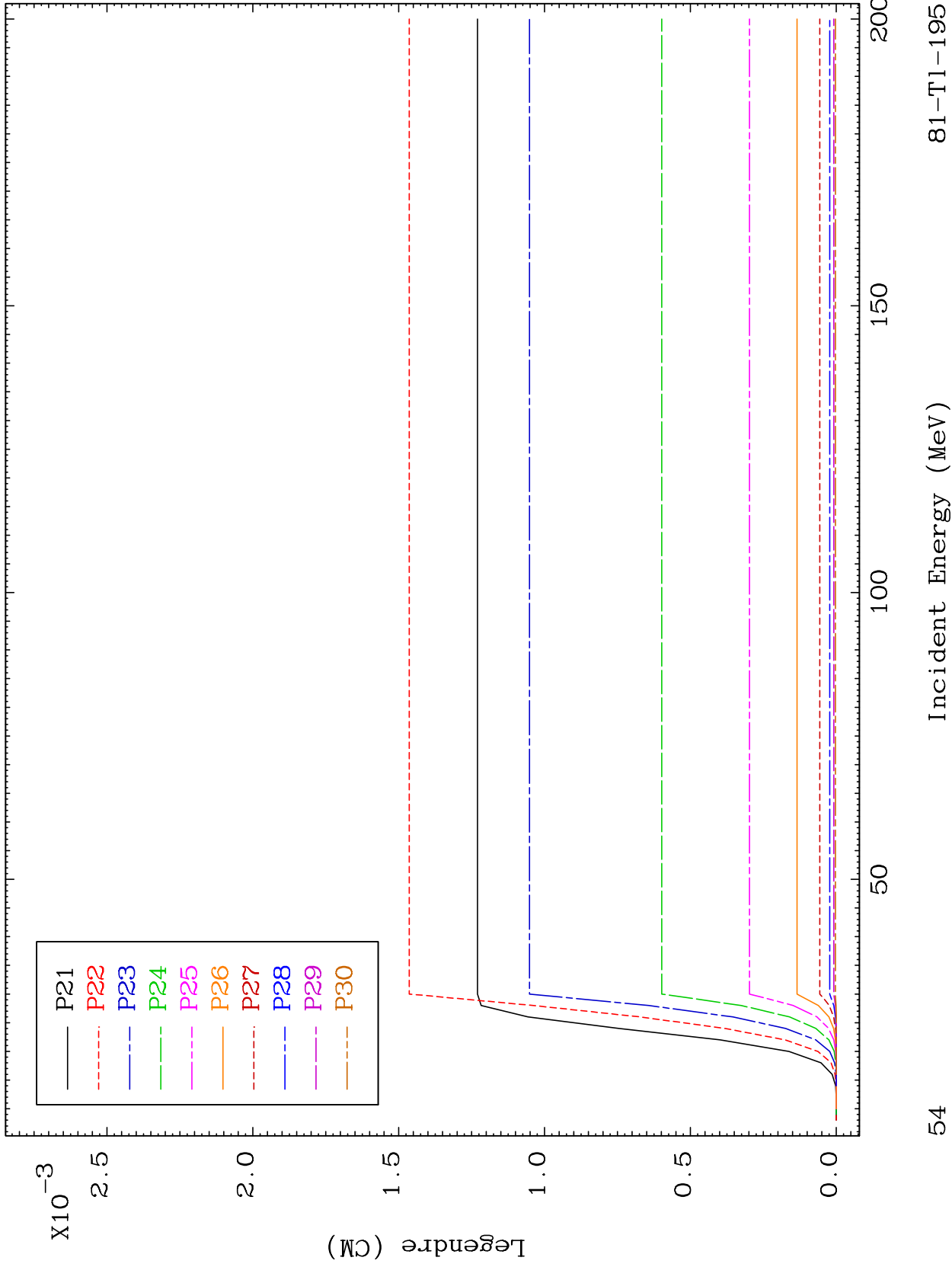
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Legendre Coefficients

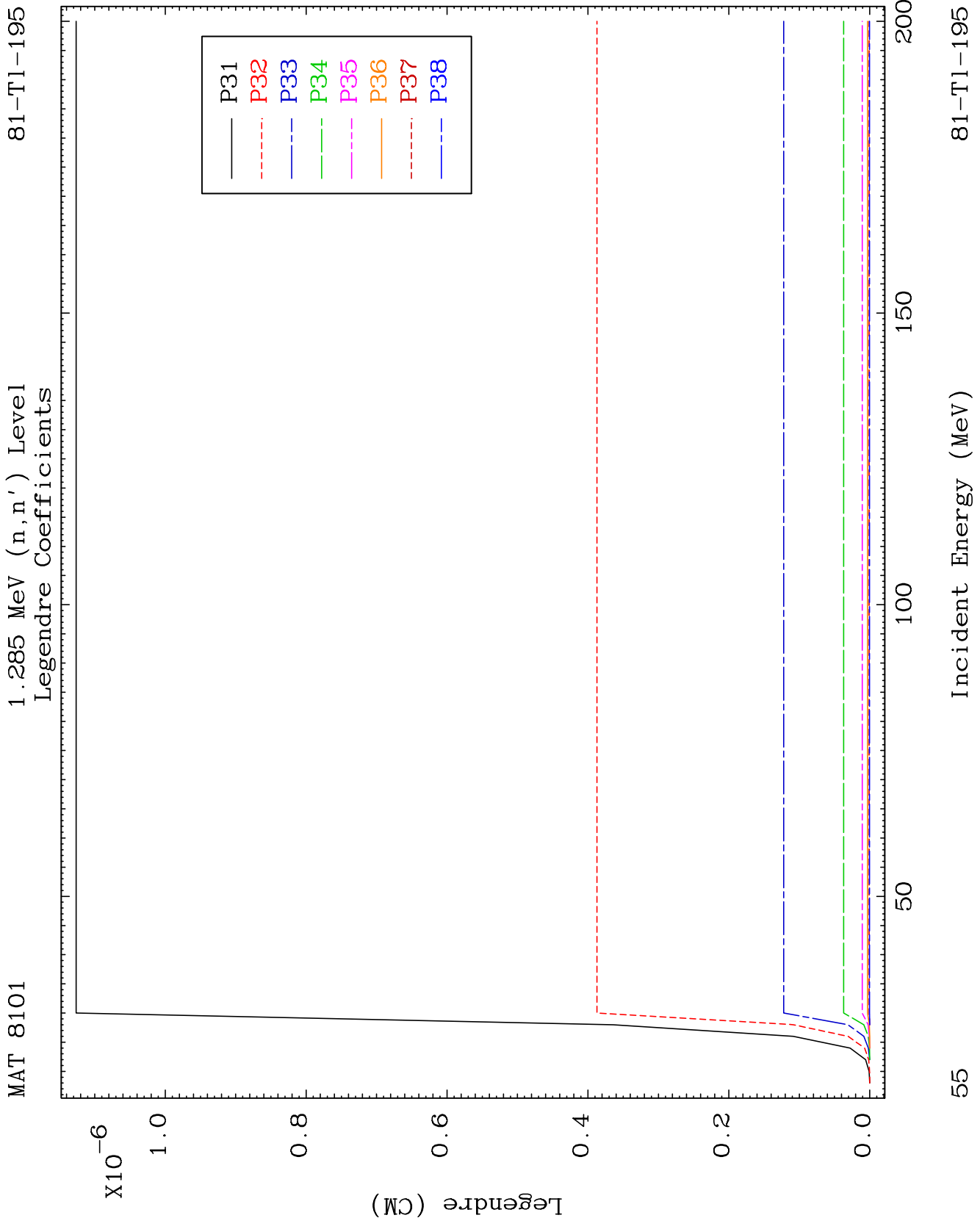
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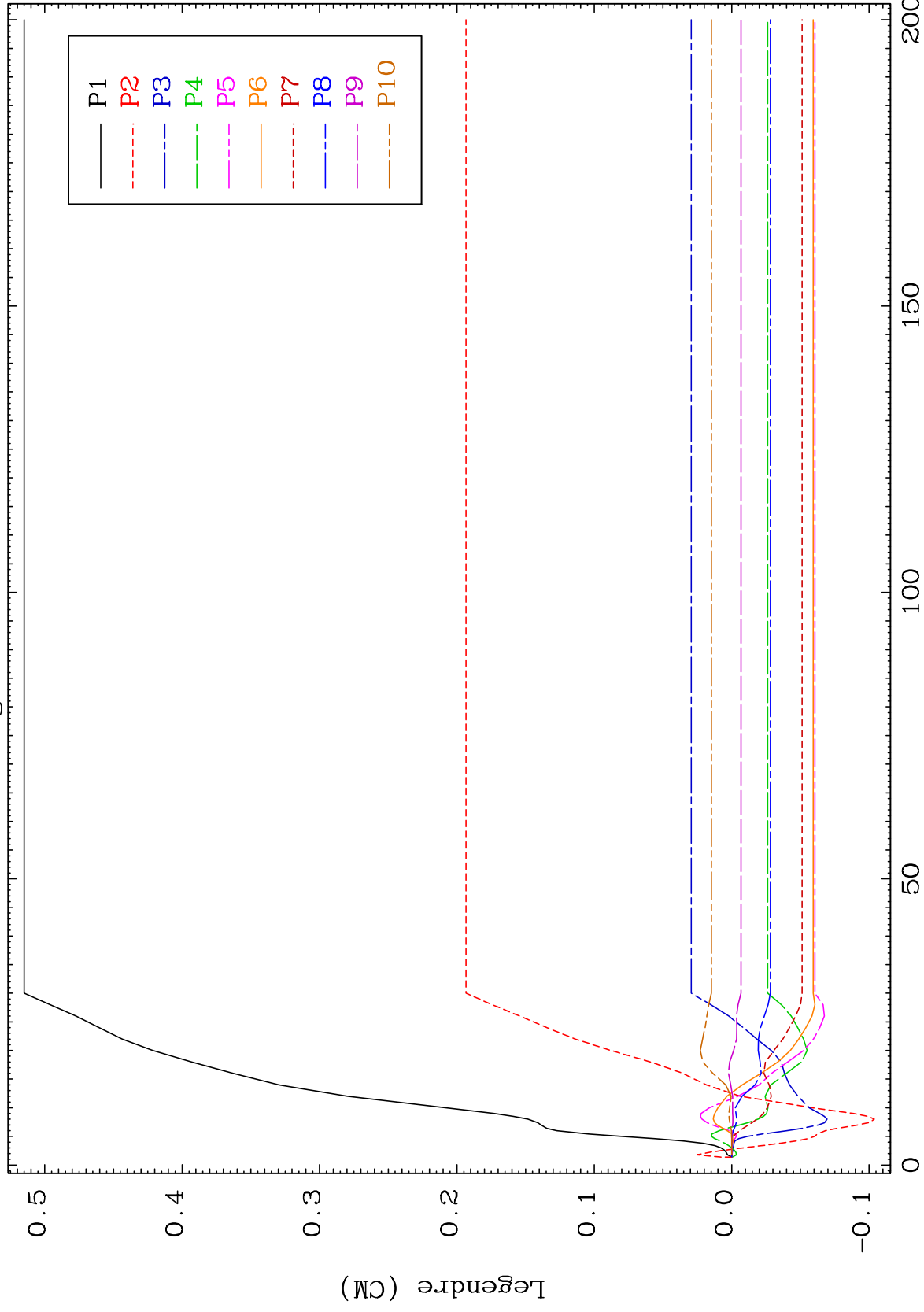
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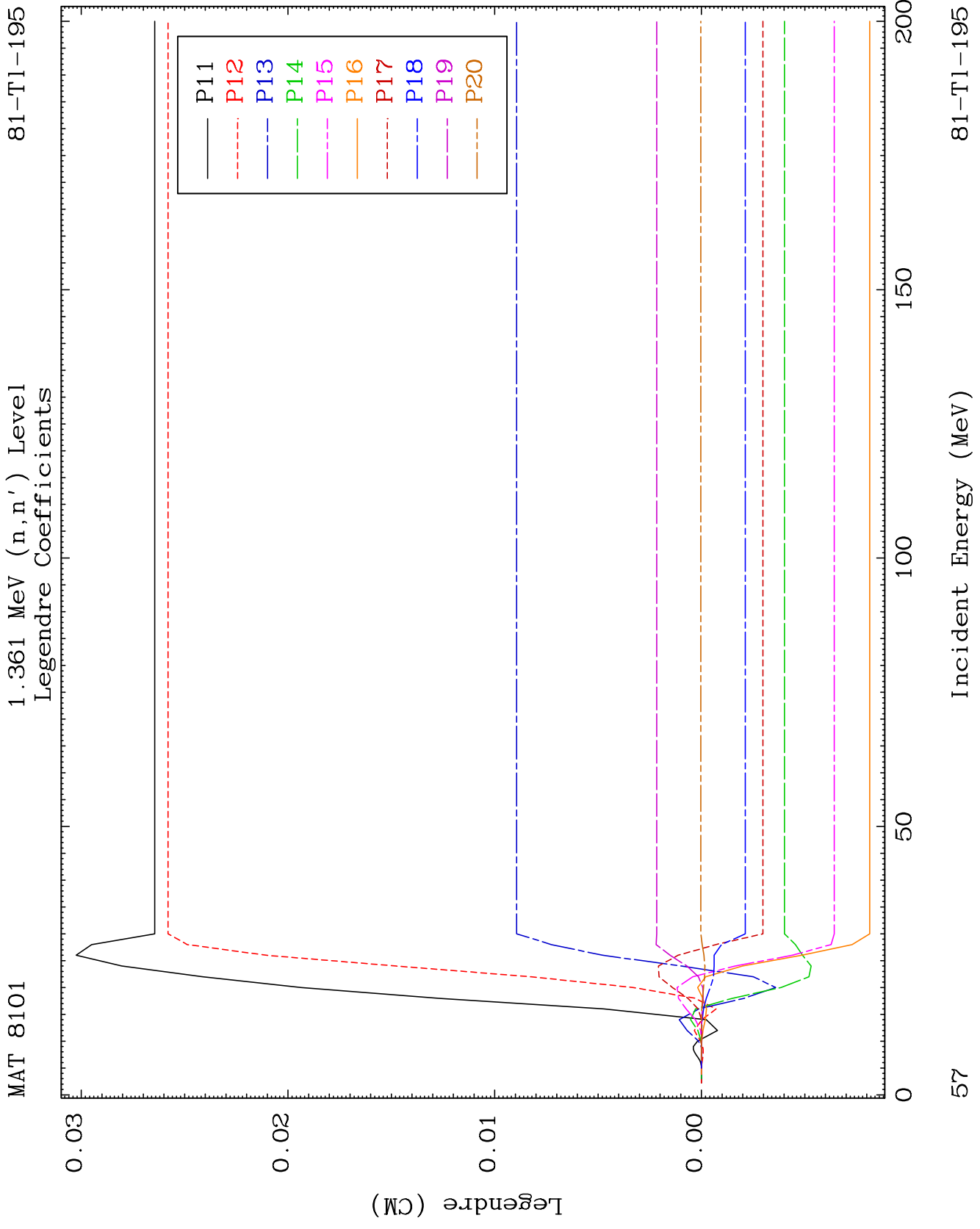
81-T1-195

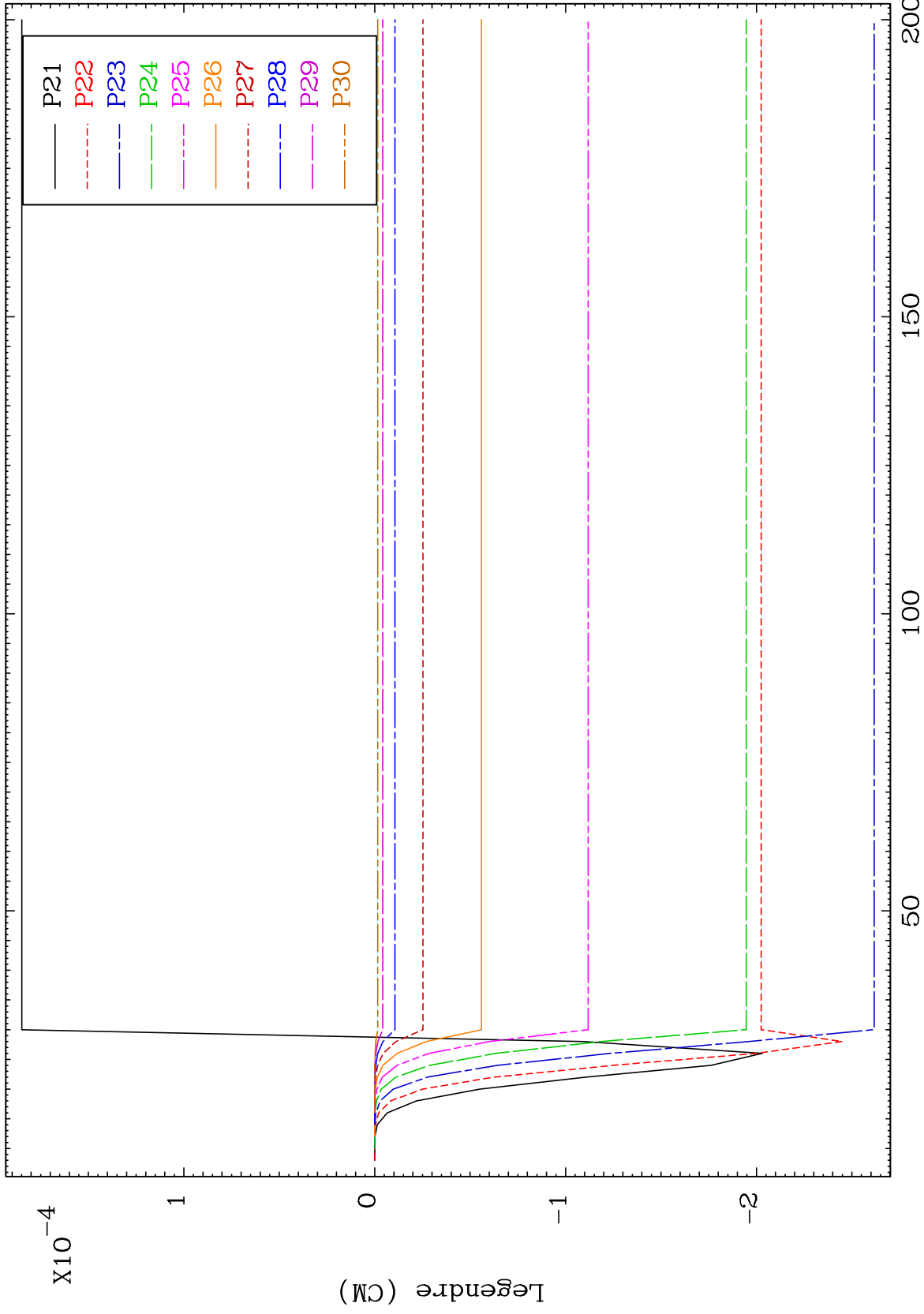


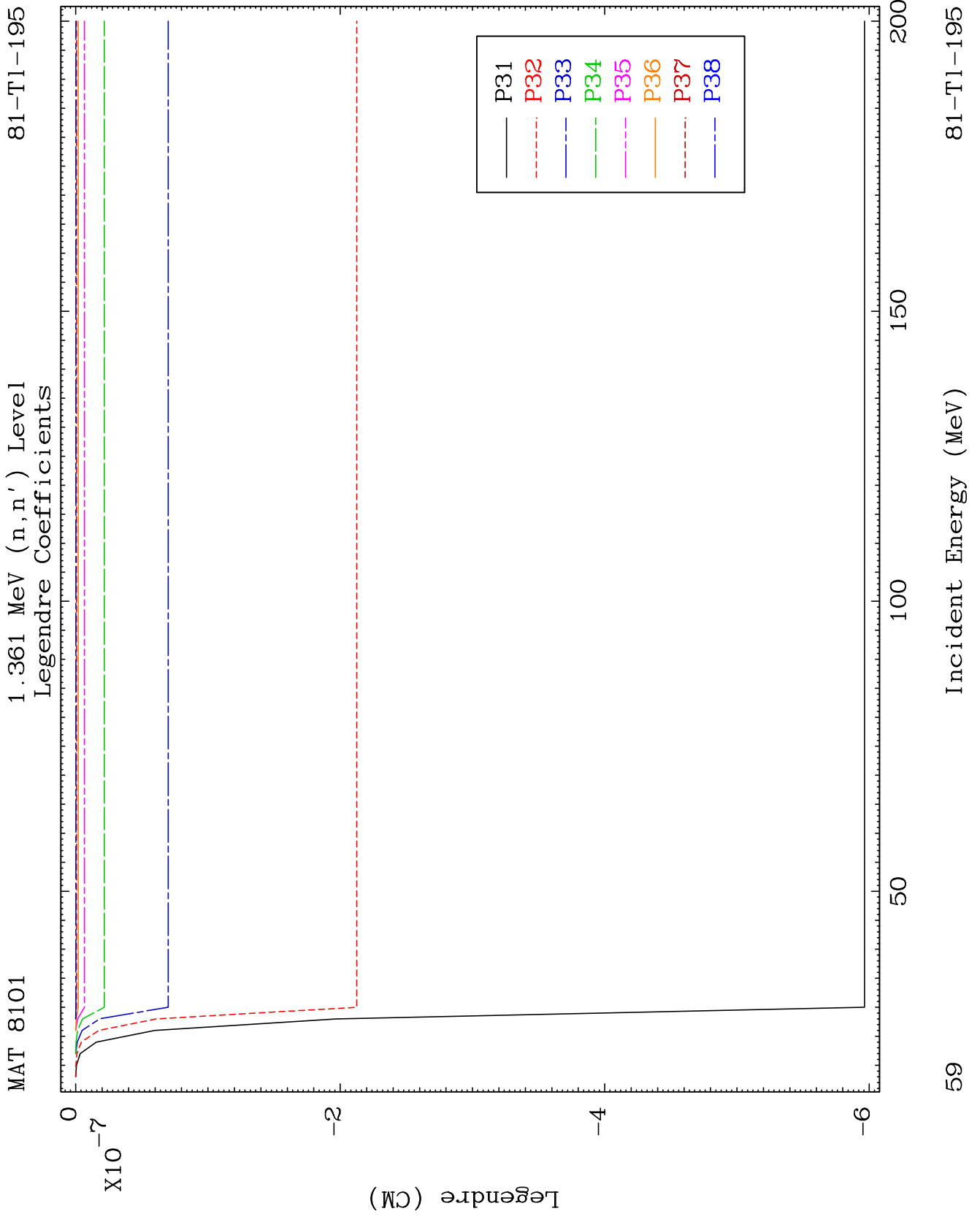


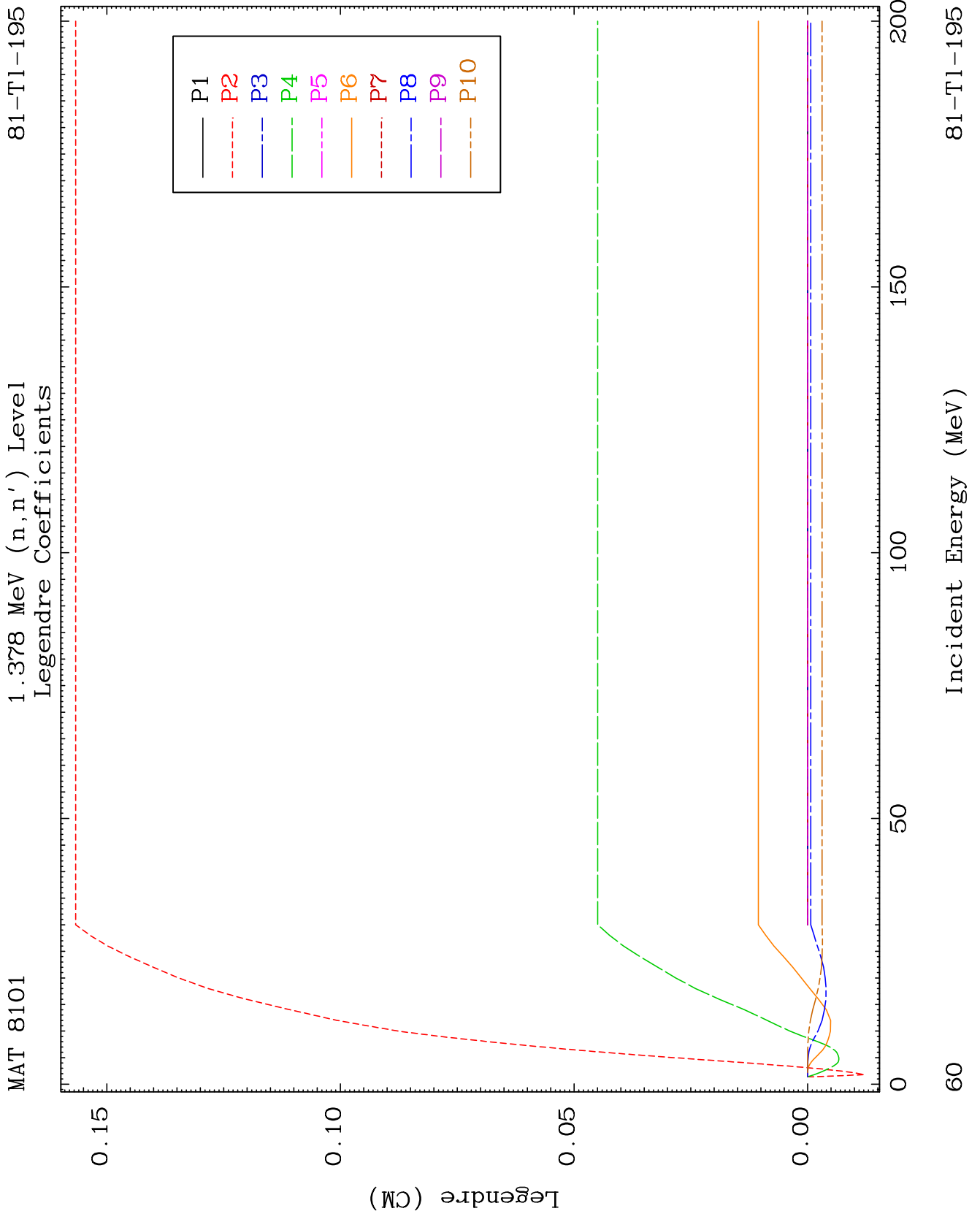




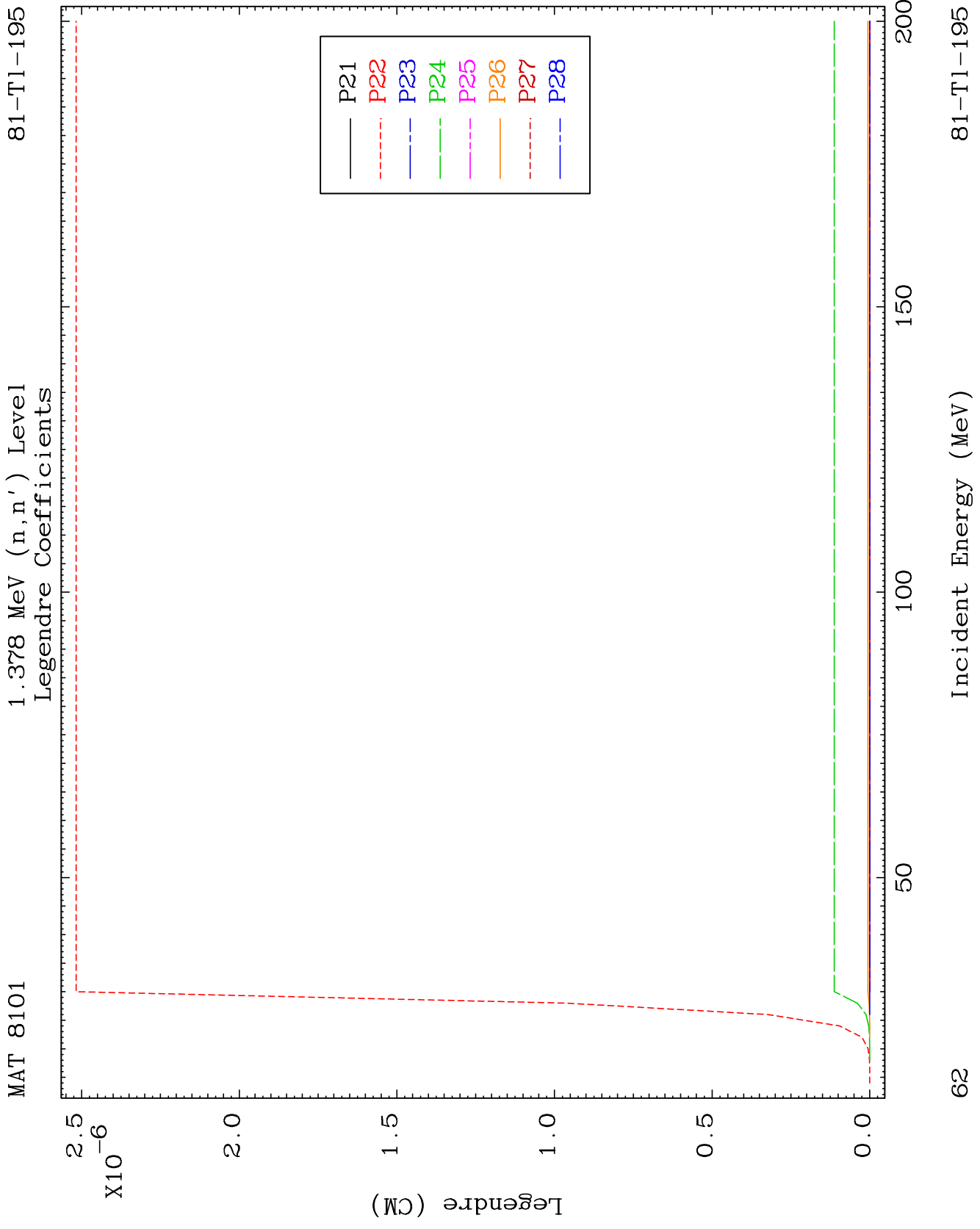


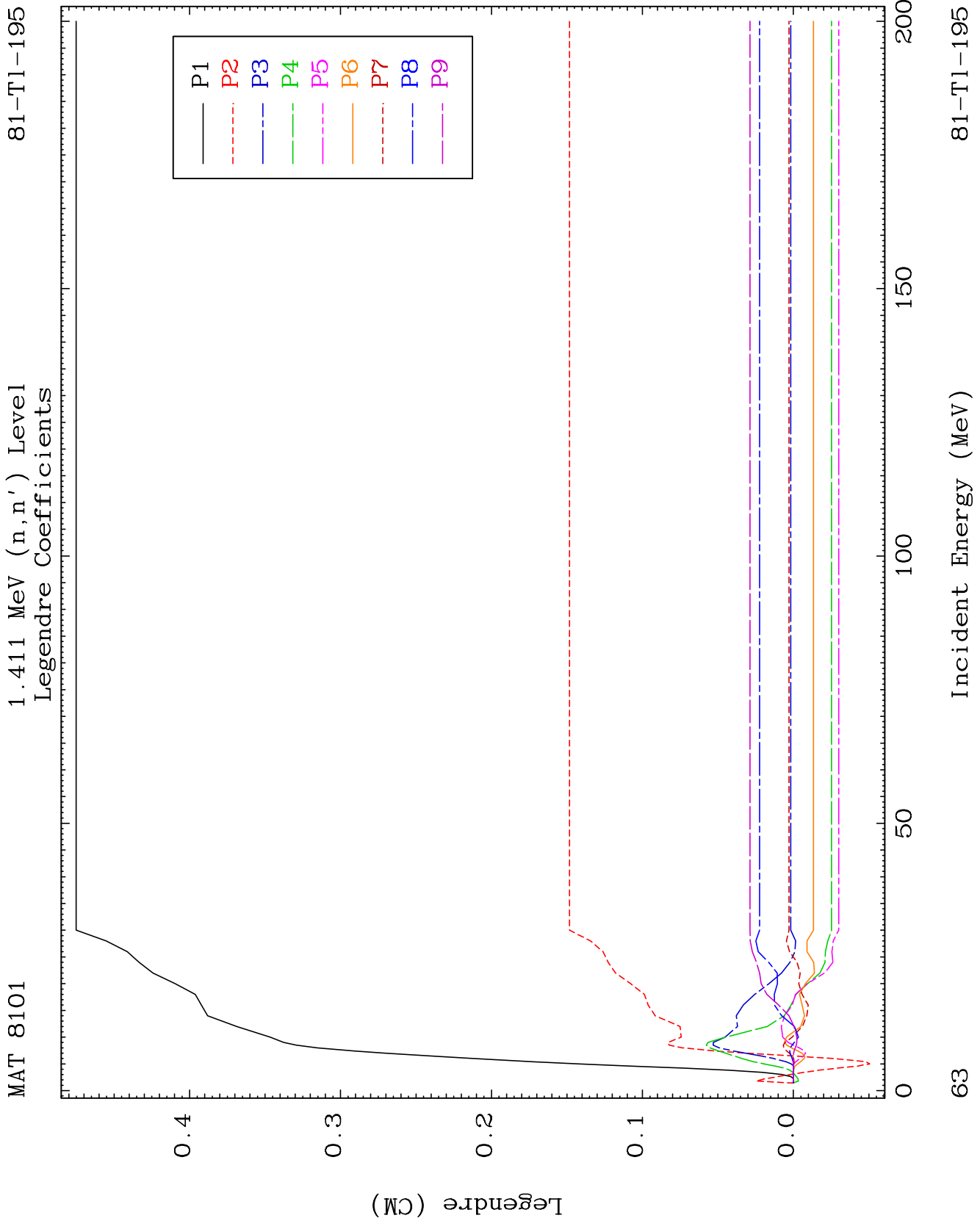




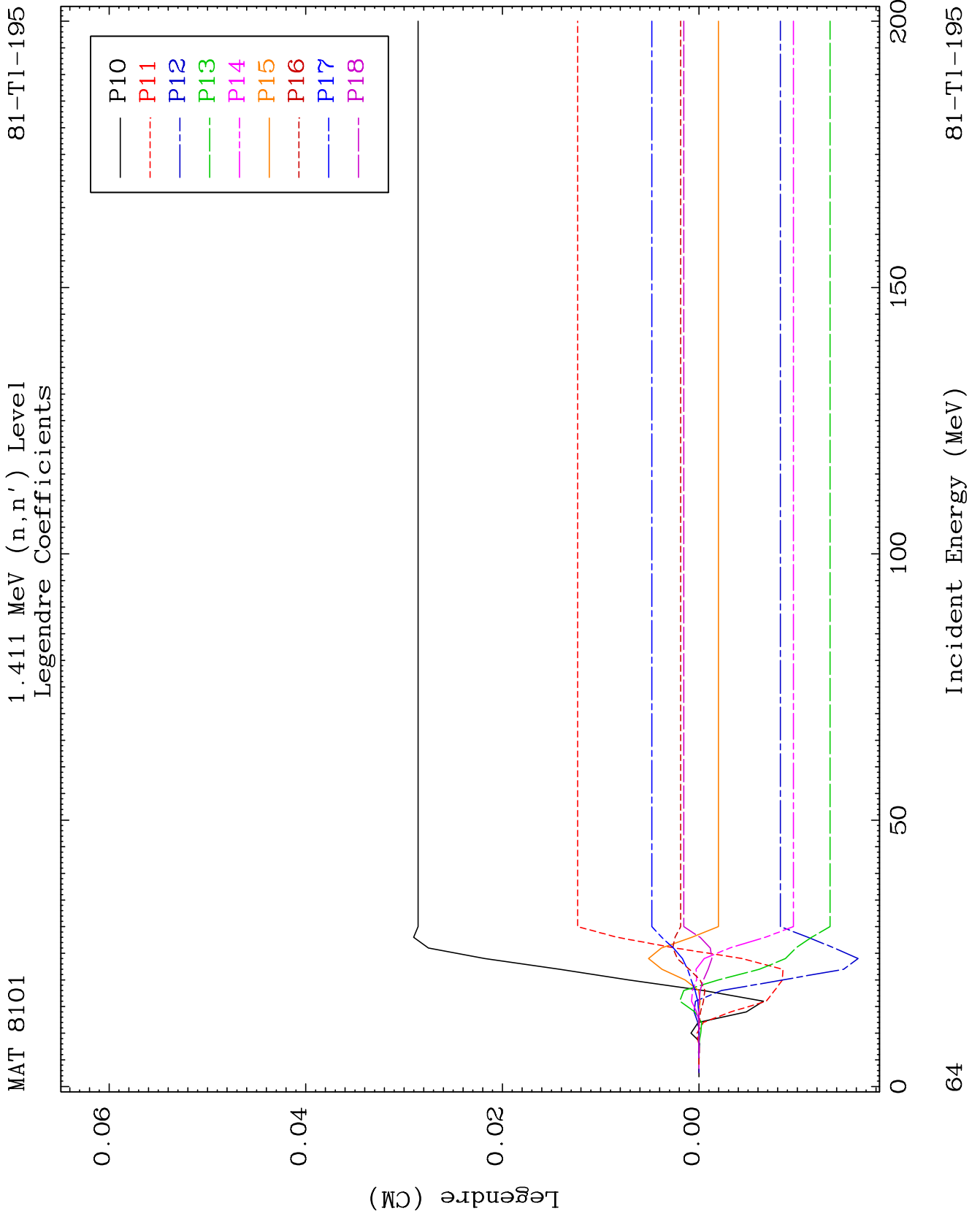


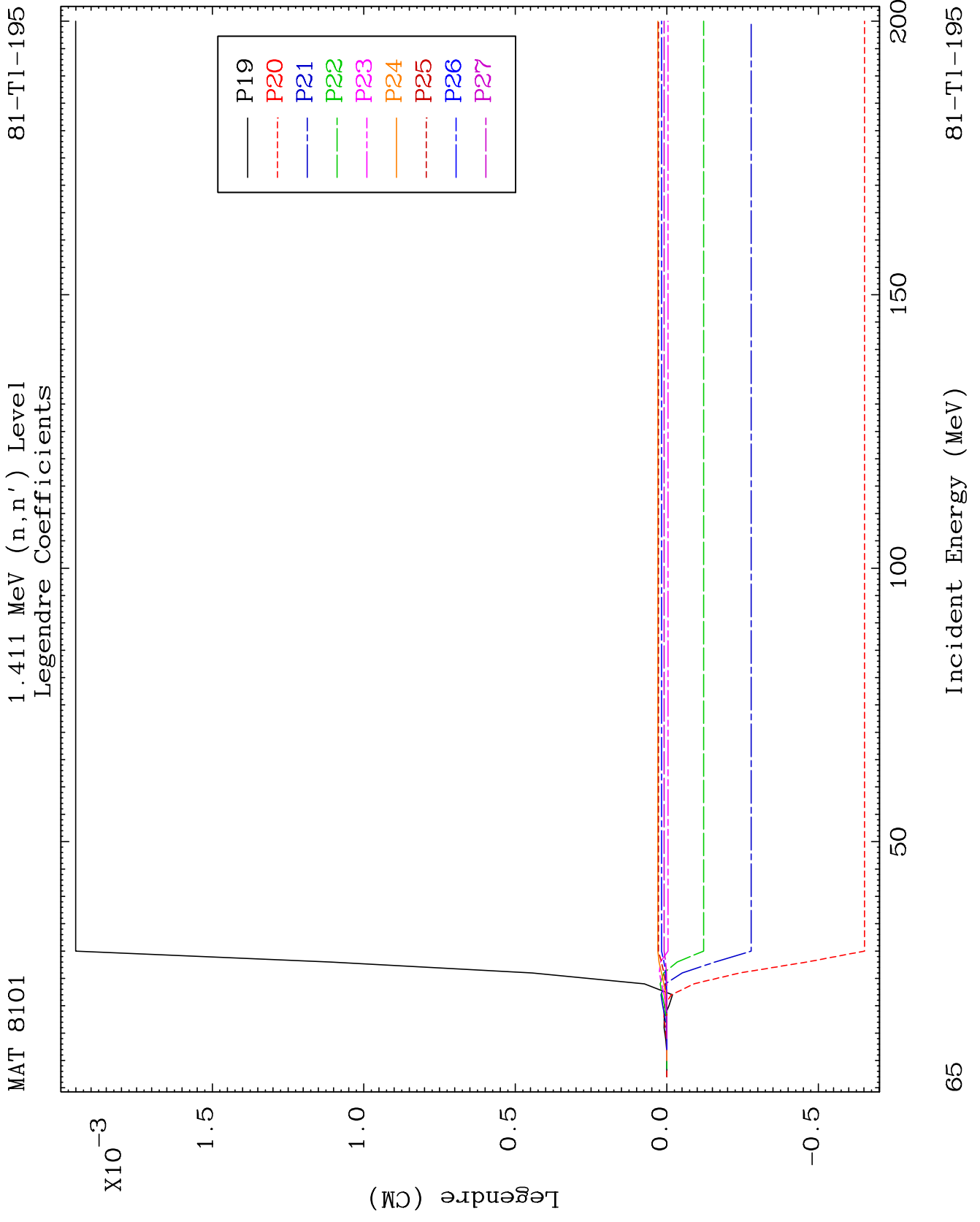


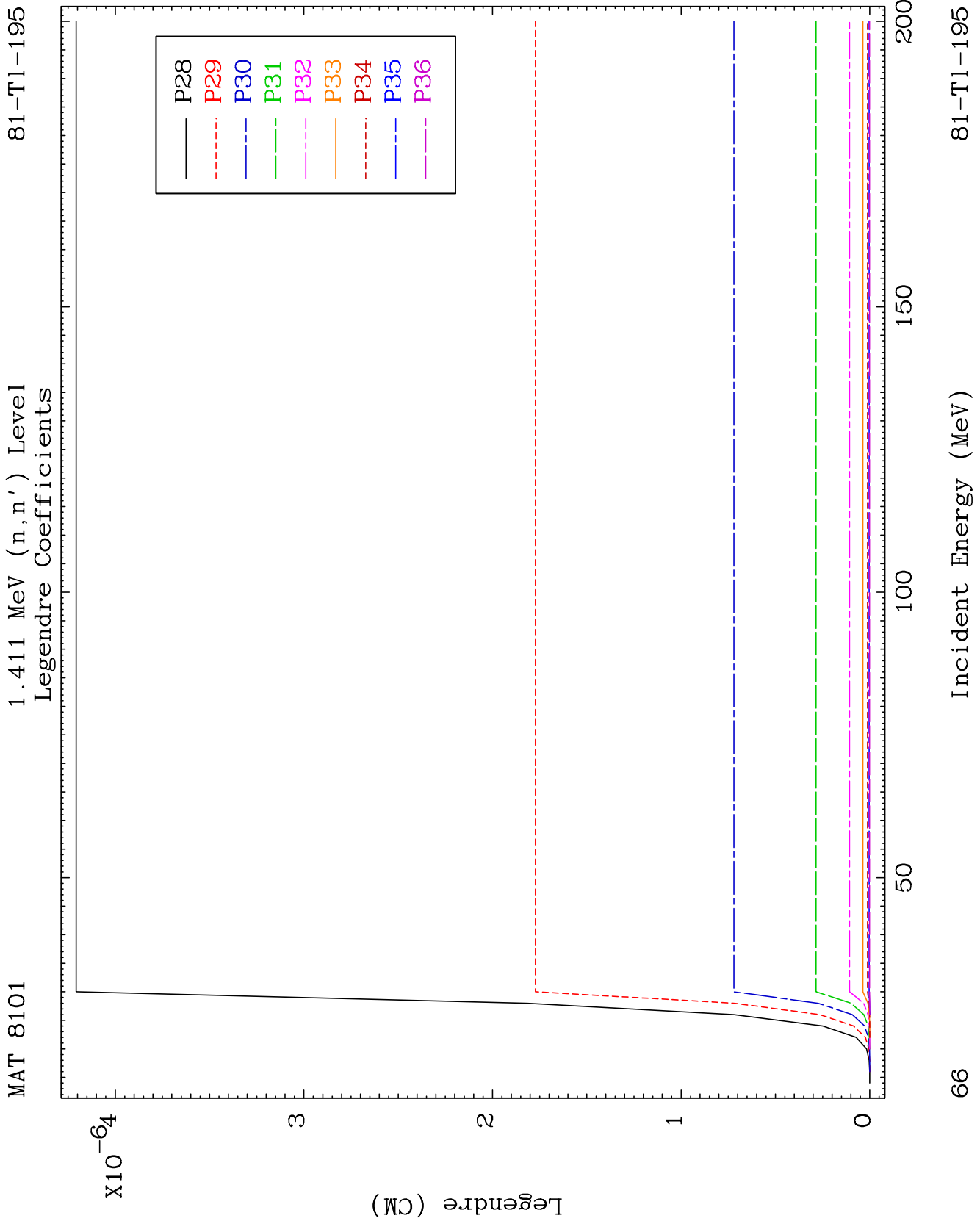














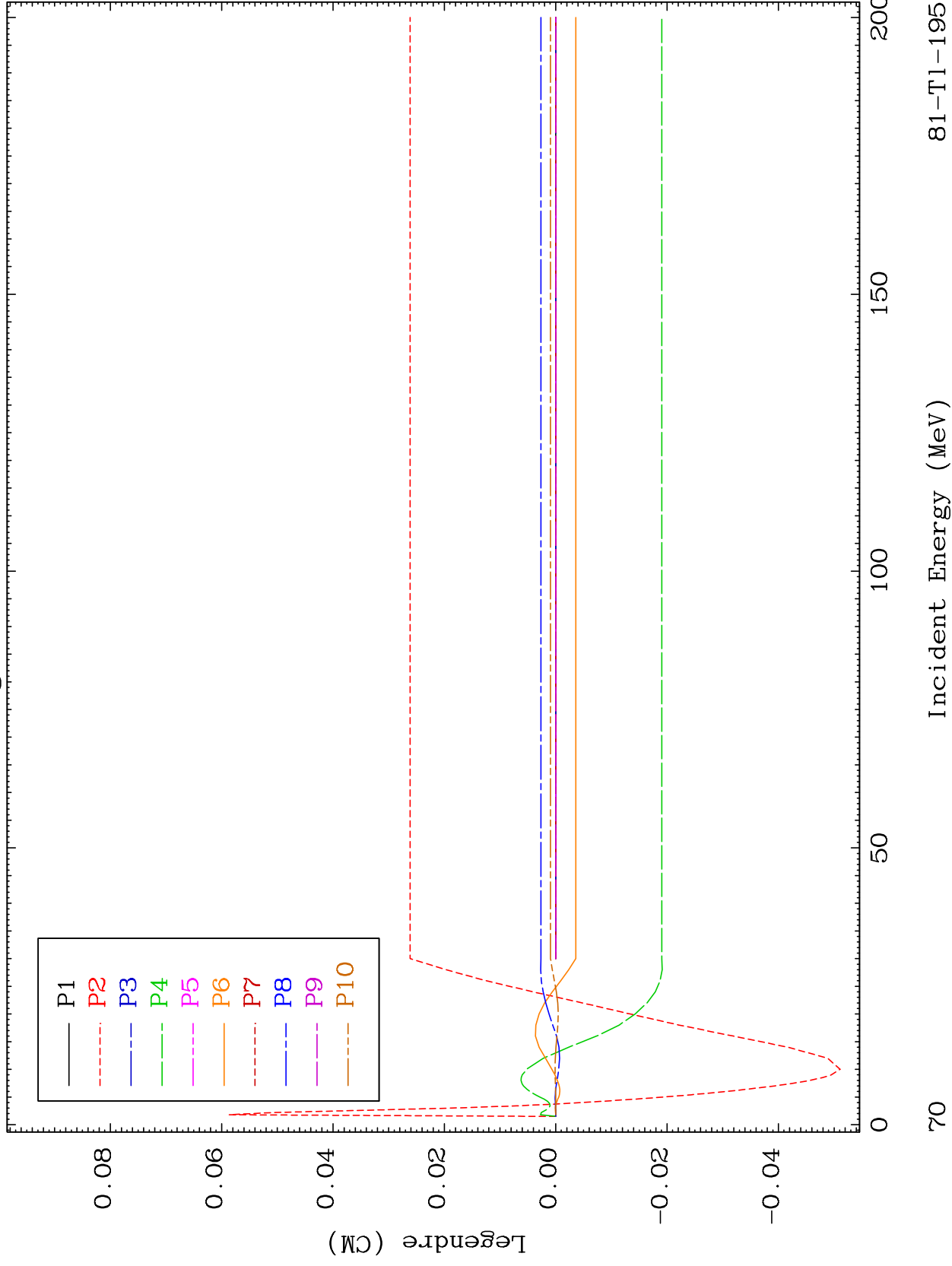




MAT 8101

1.484 MeV (n,n') Level  
Legendre Coefficients

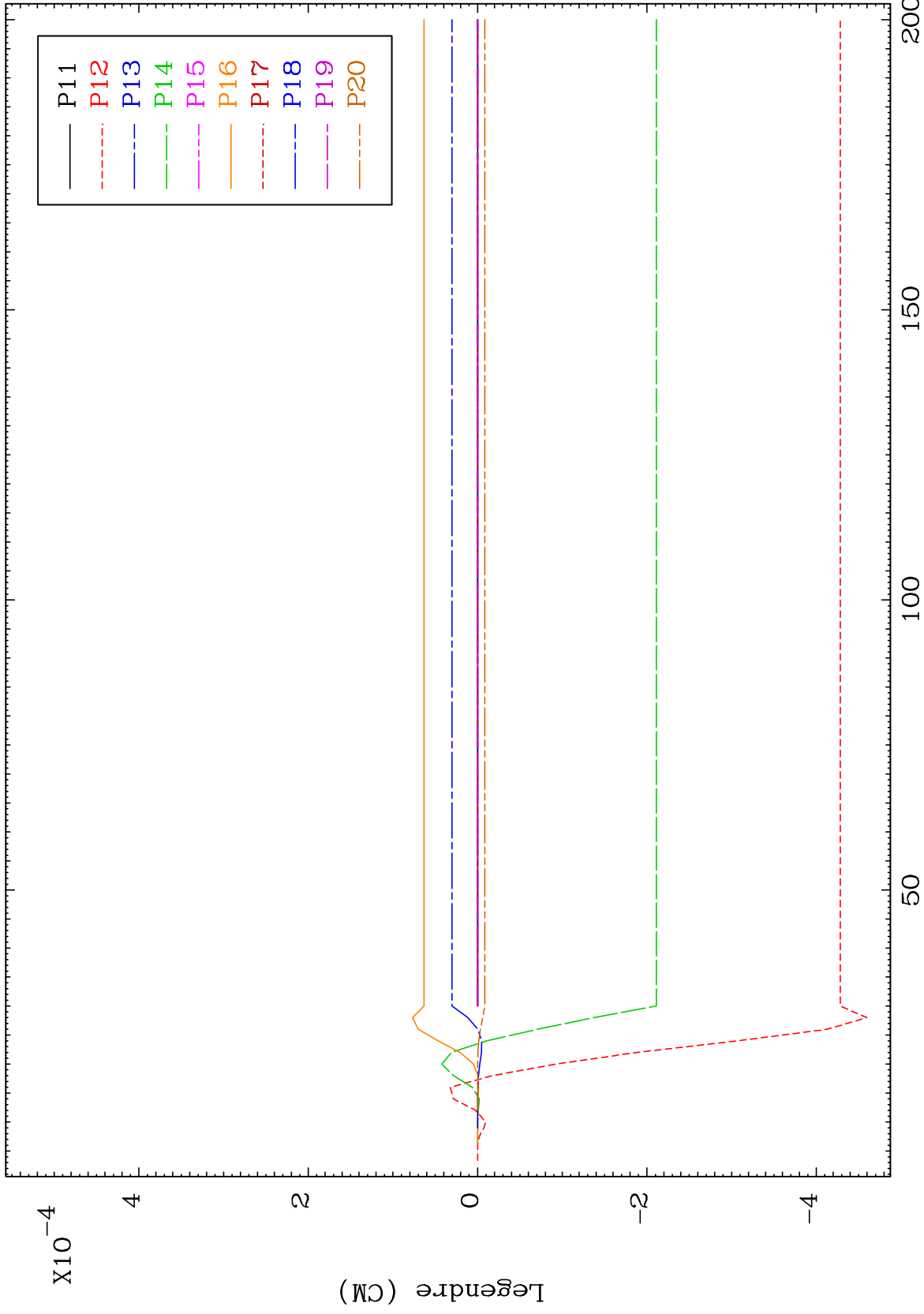
81-T1-195



MAT 8101

1.484 MeV (n,n') Level  
Legendre Coefficients

81-T1-195

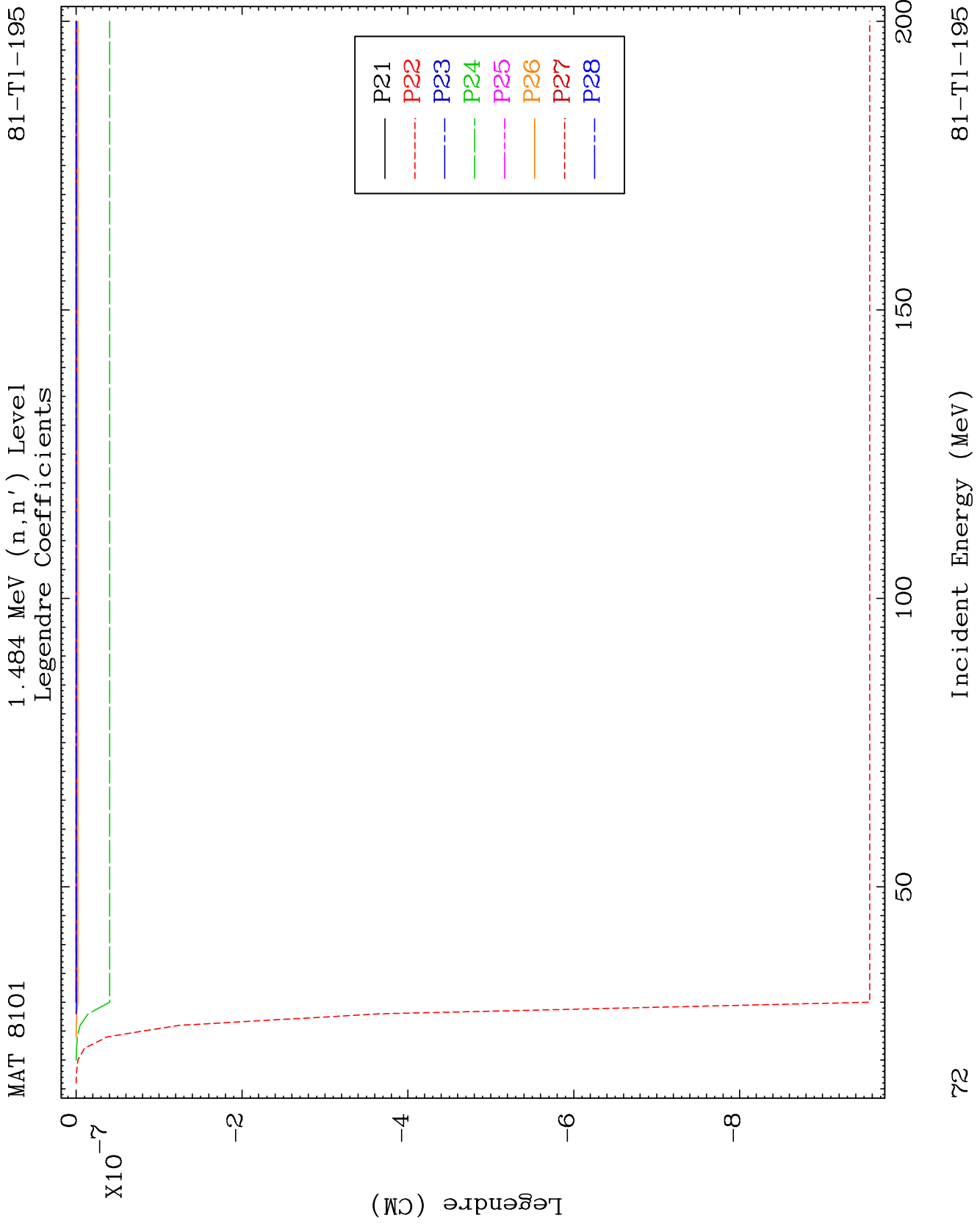


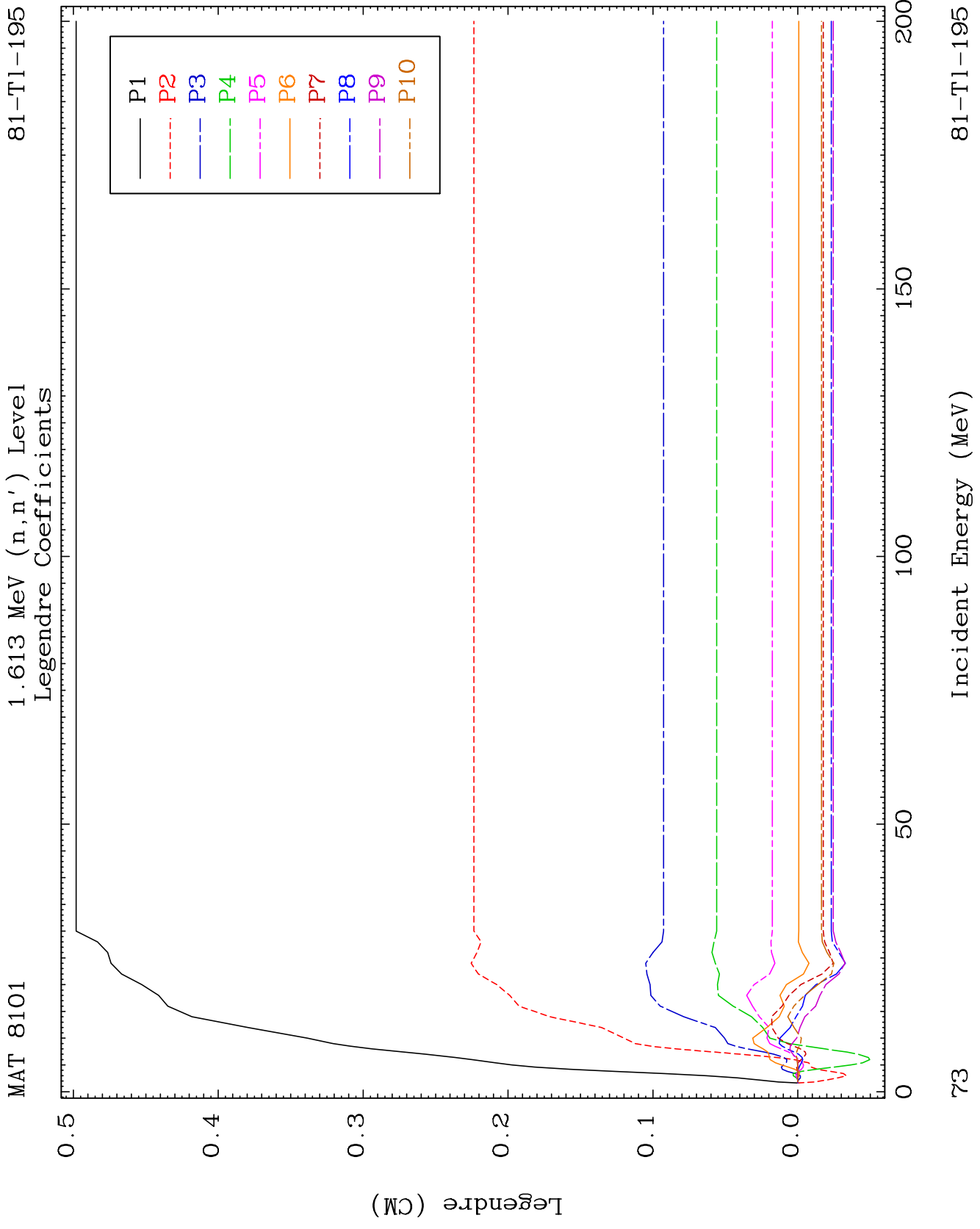
71

Incident Energy (MeV)

81-T1-195



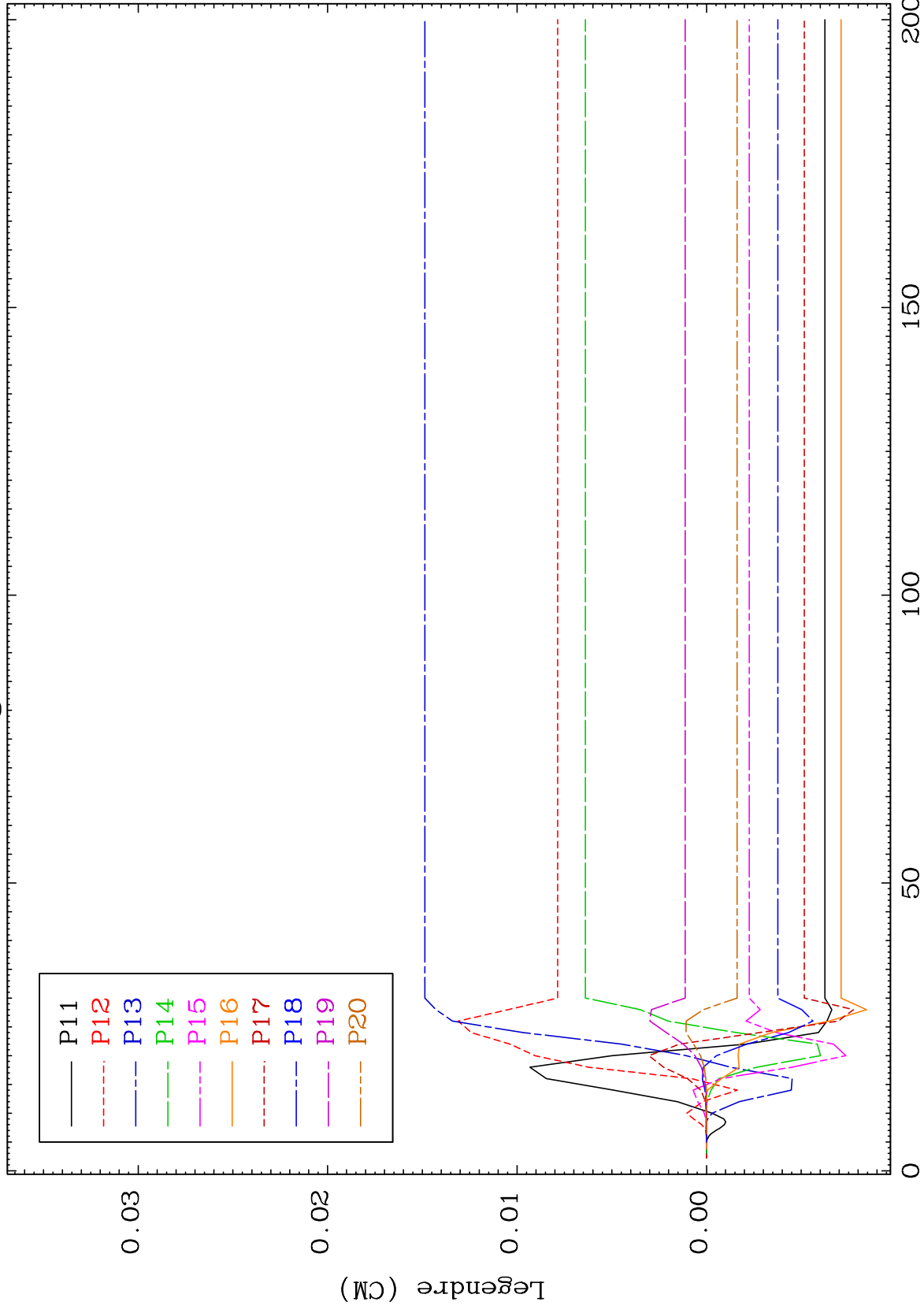




MAT 8101

1.613 MeV (n,n') Level  
Legendre Coefficients

81-T1-195



74

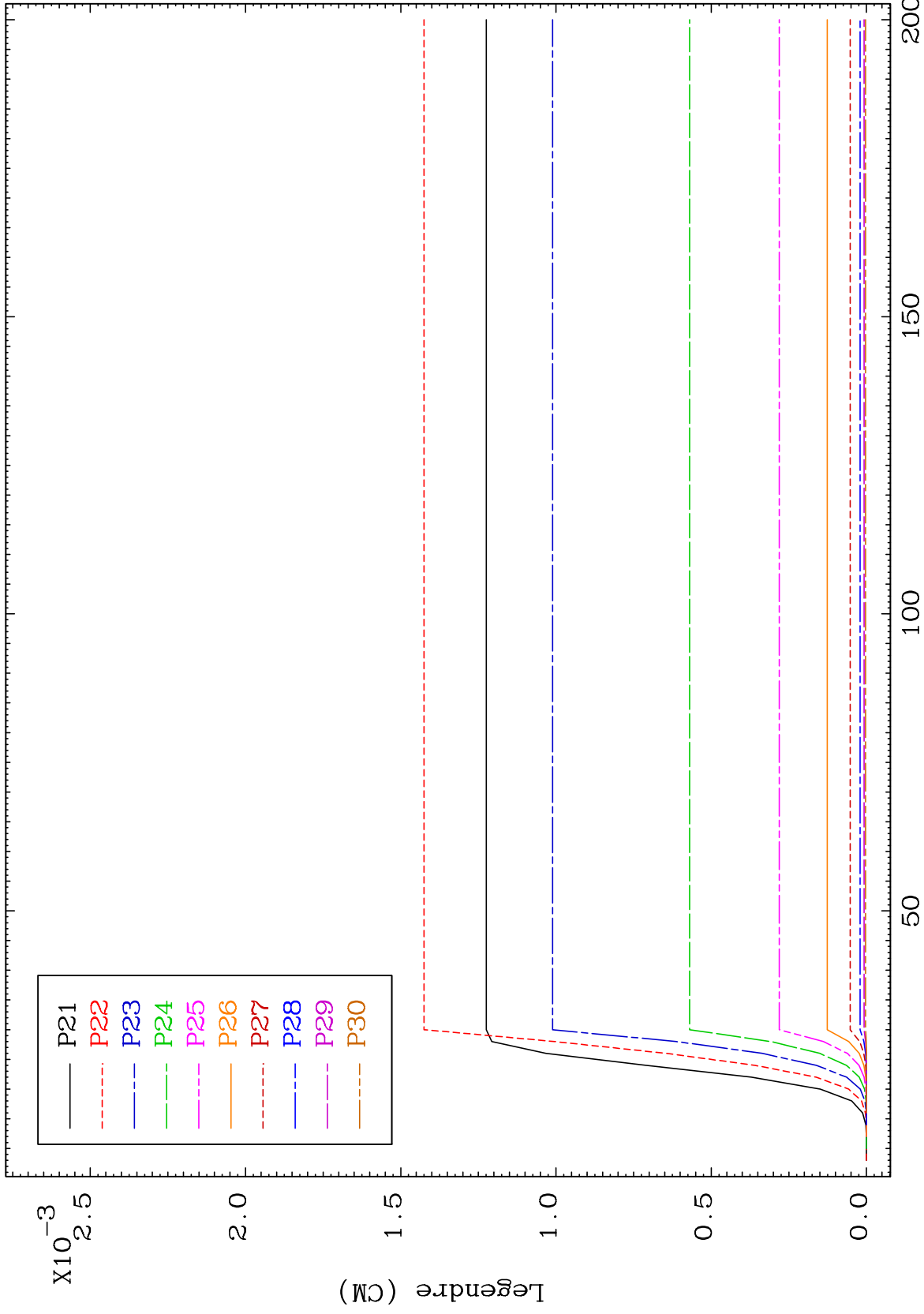
Incident Energy (MeV)

81-T1-195

MAT 8101

1.613 MeV (n,n') Level  
Legendre Coefficients

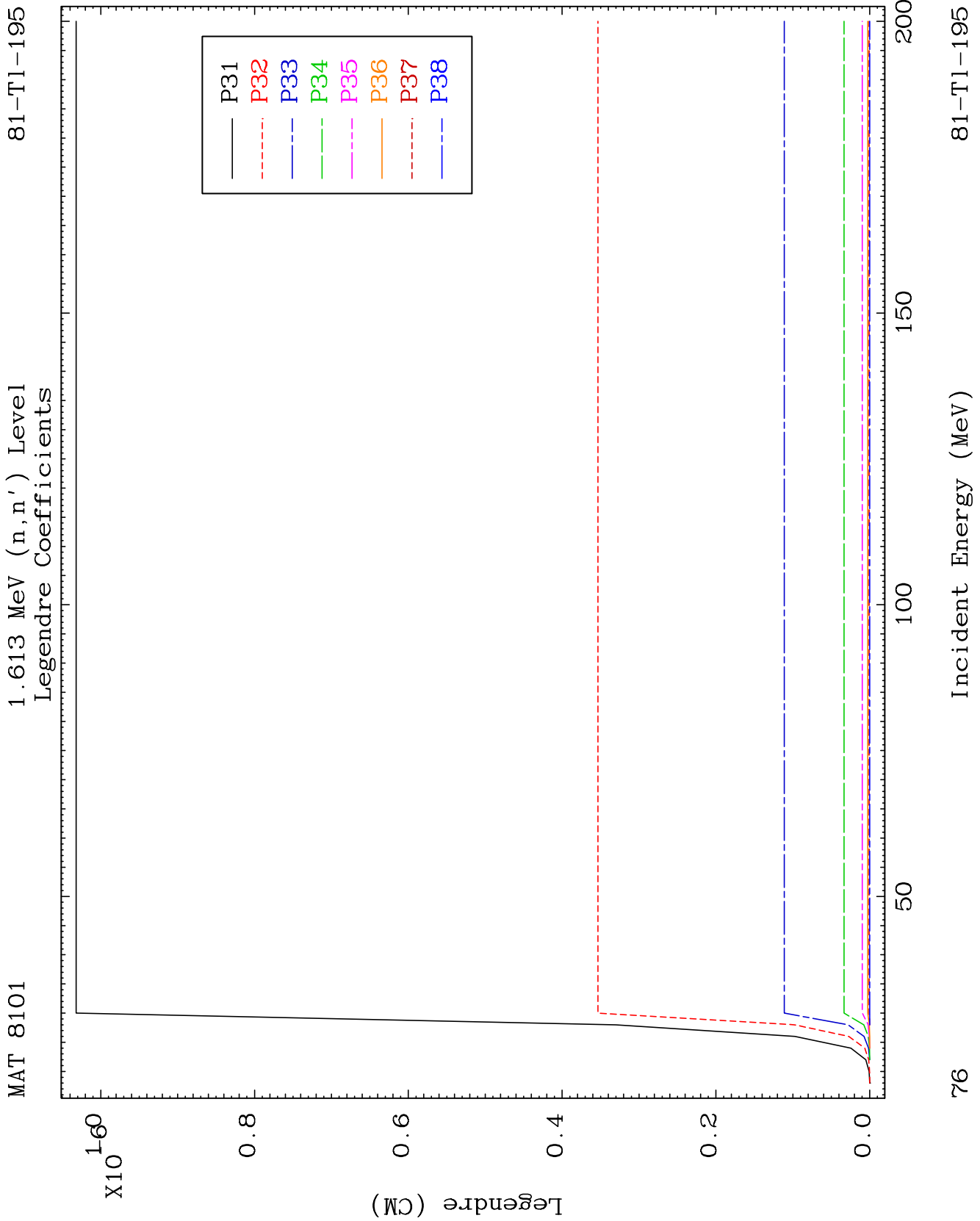
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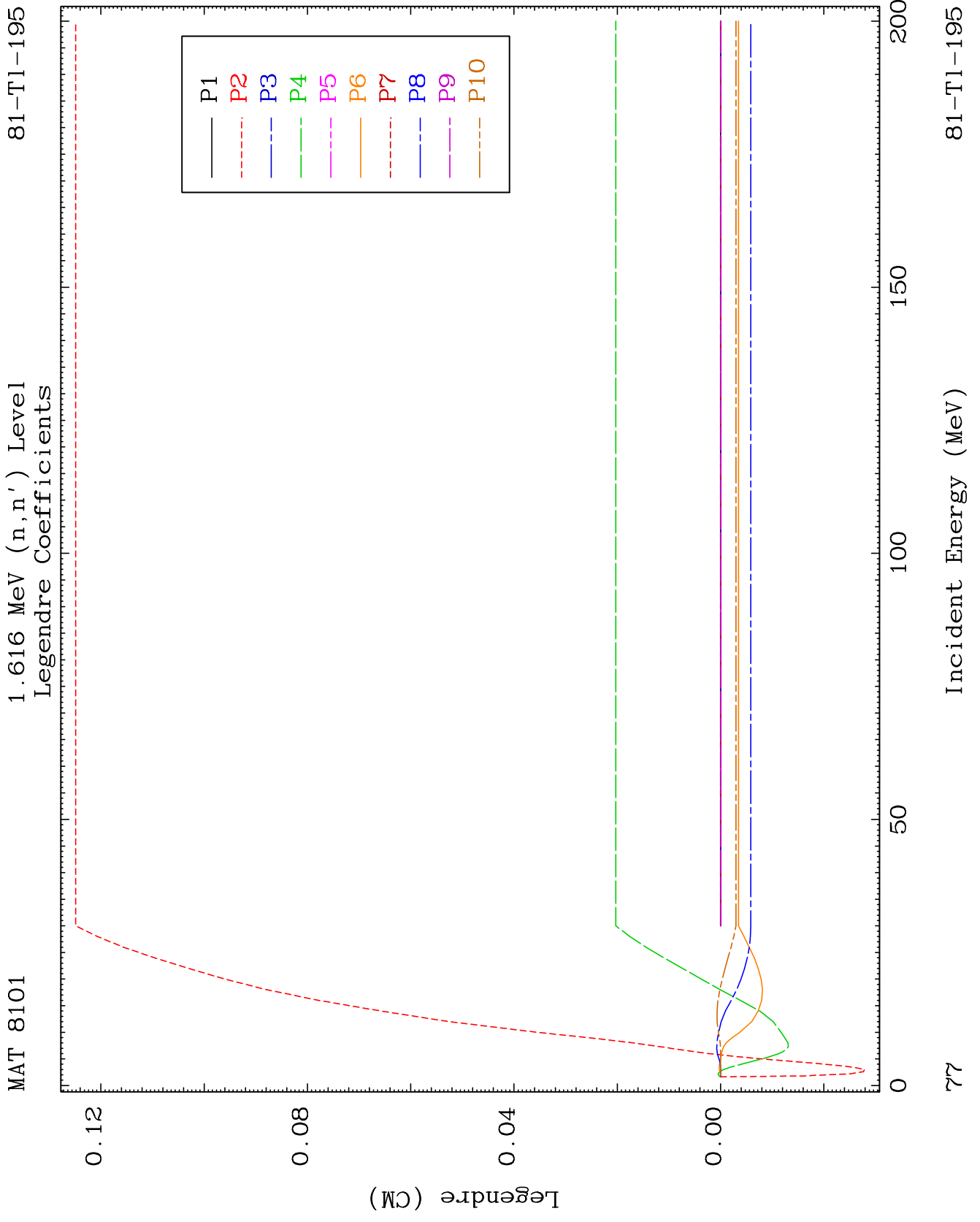


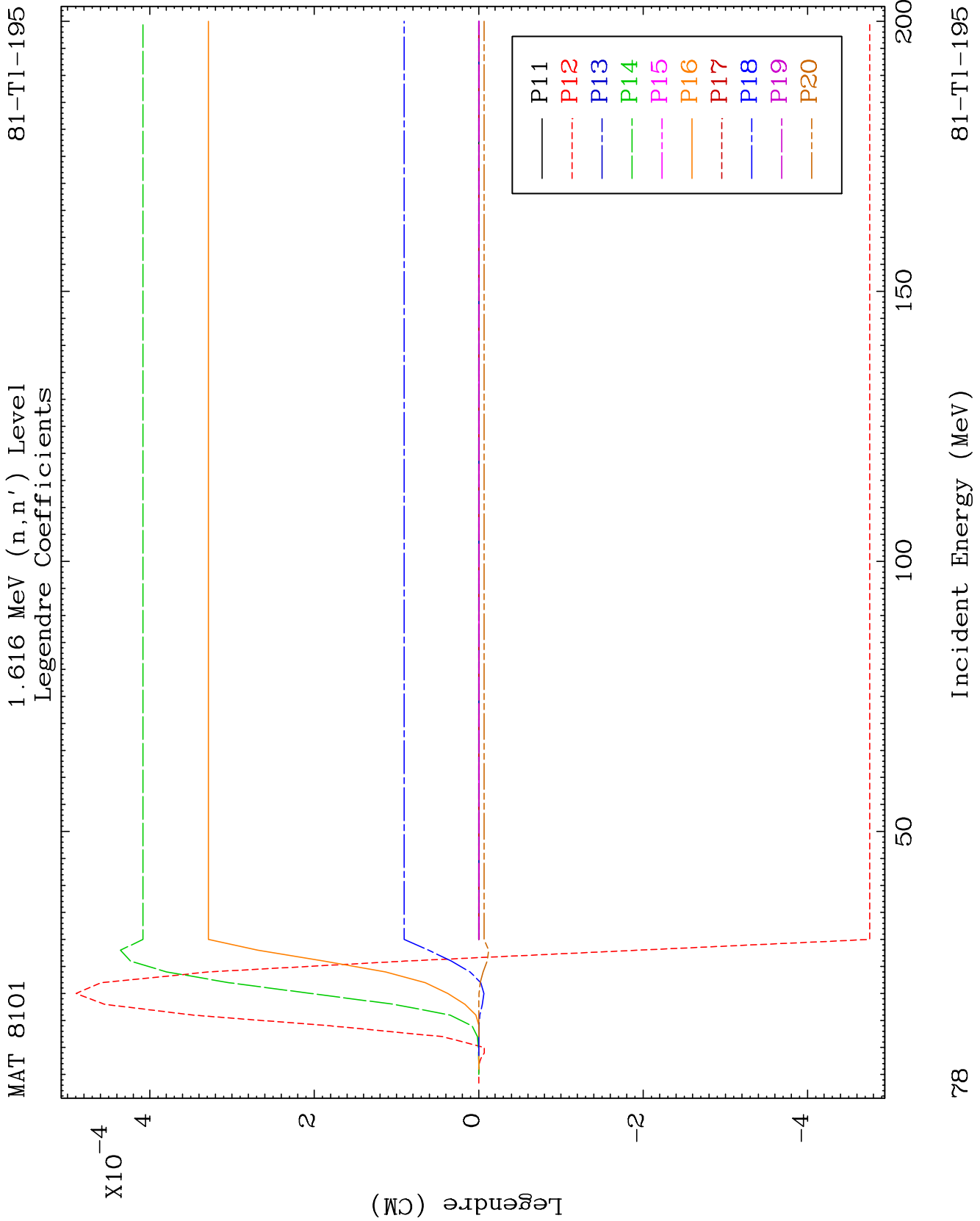
75

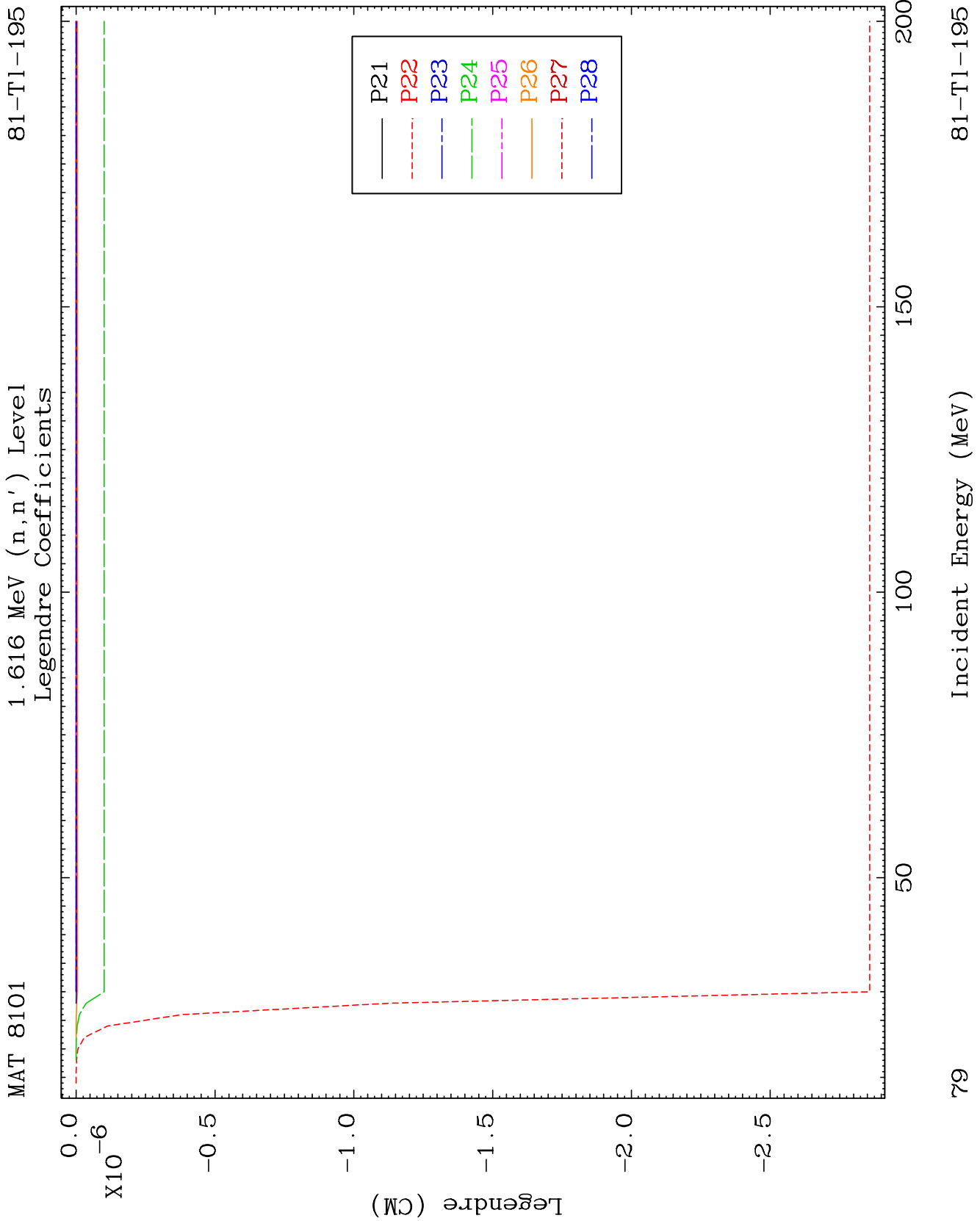
Incident Energy (MeV)

81-T1-195

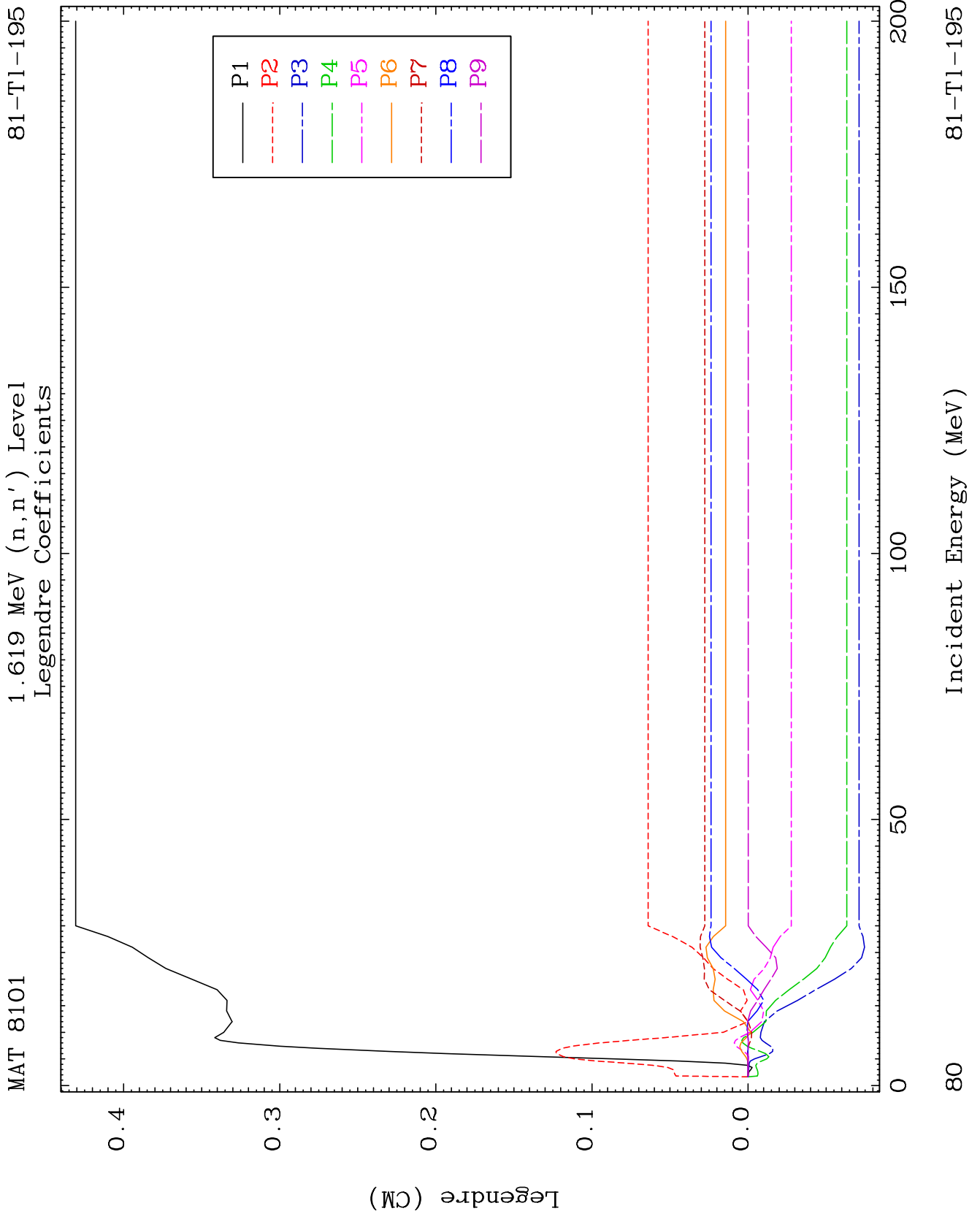


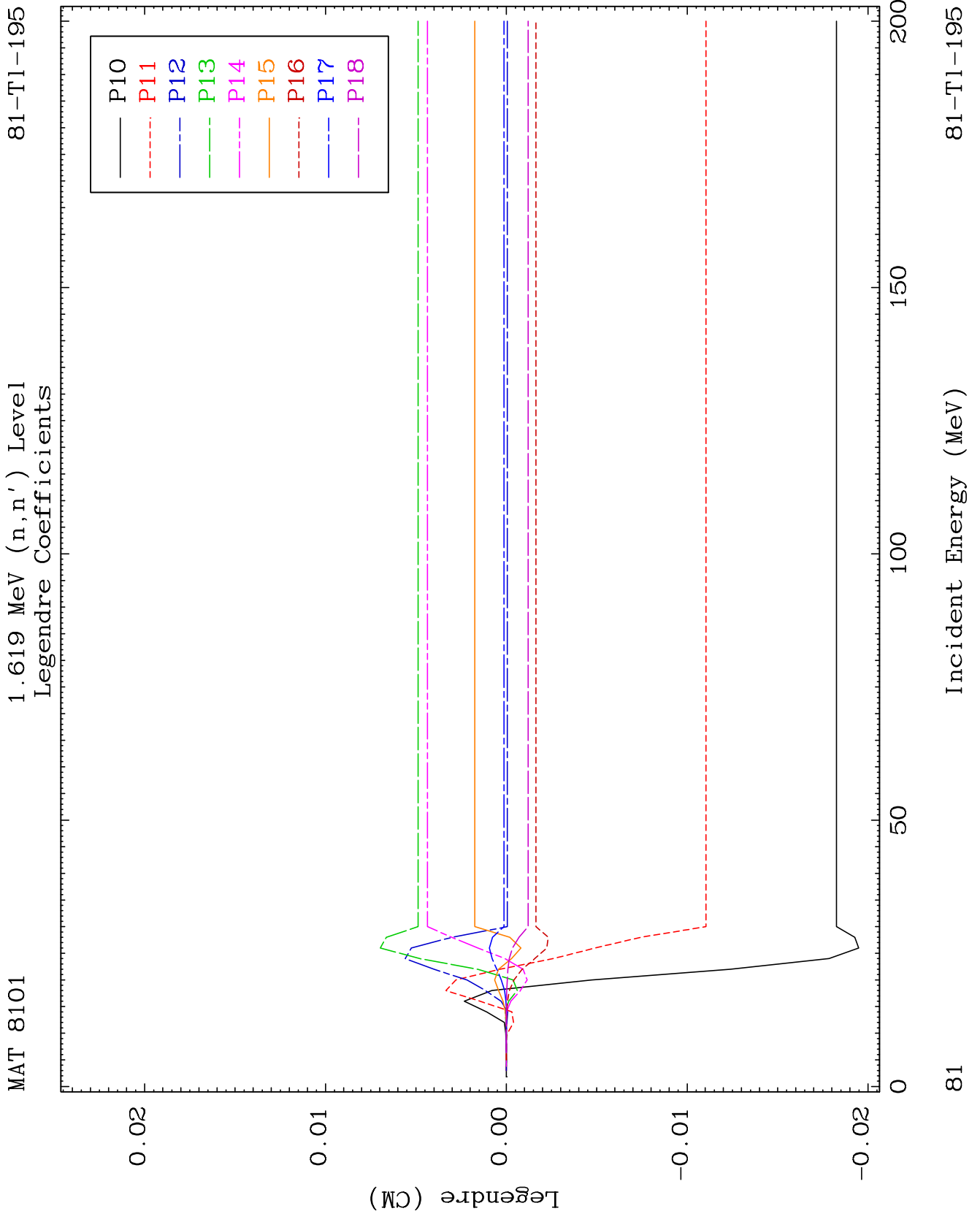




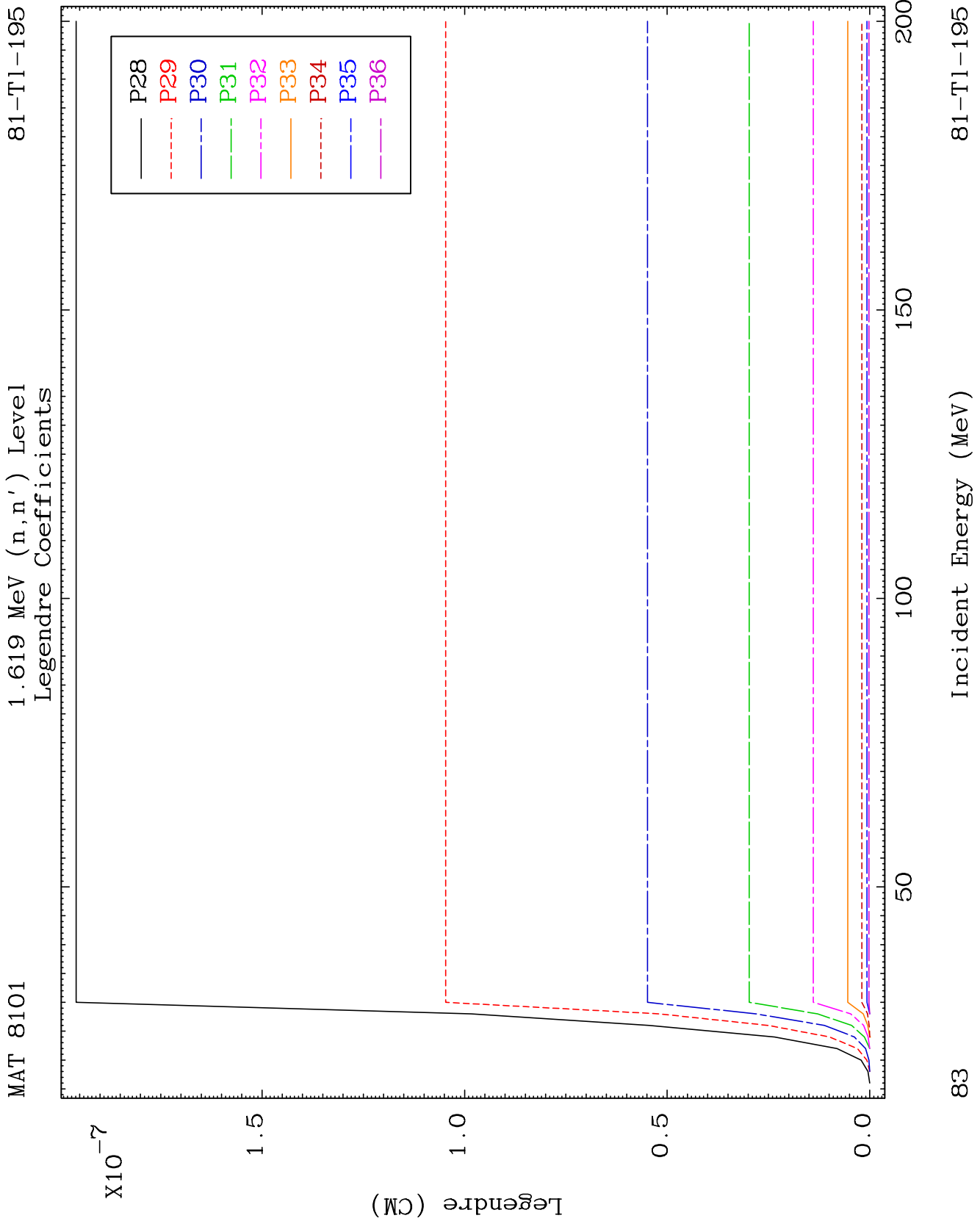




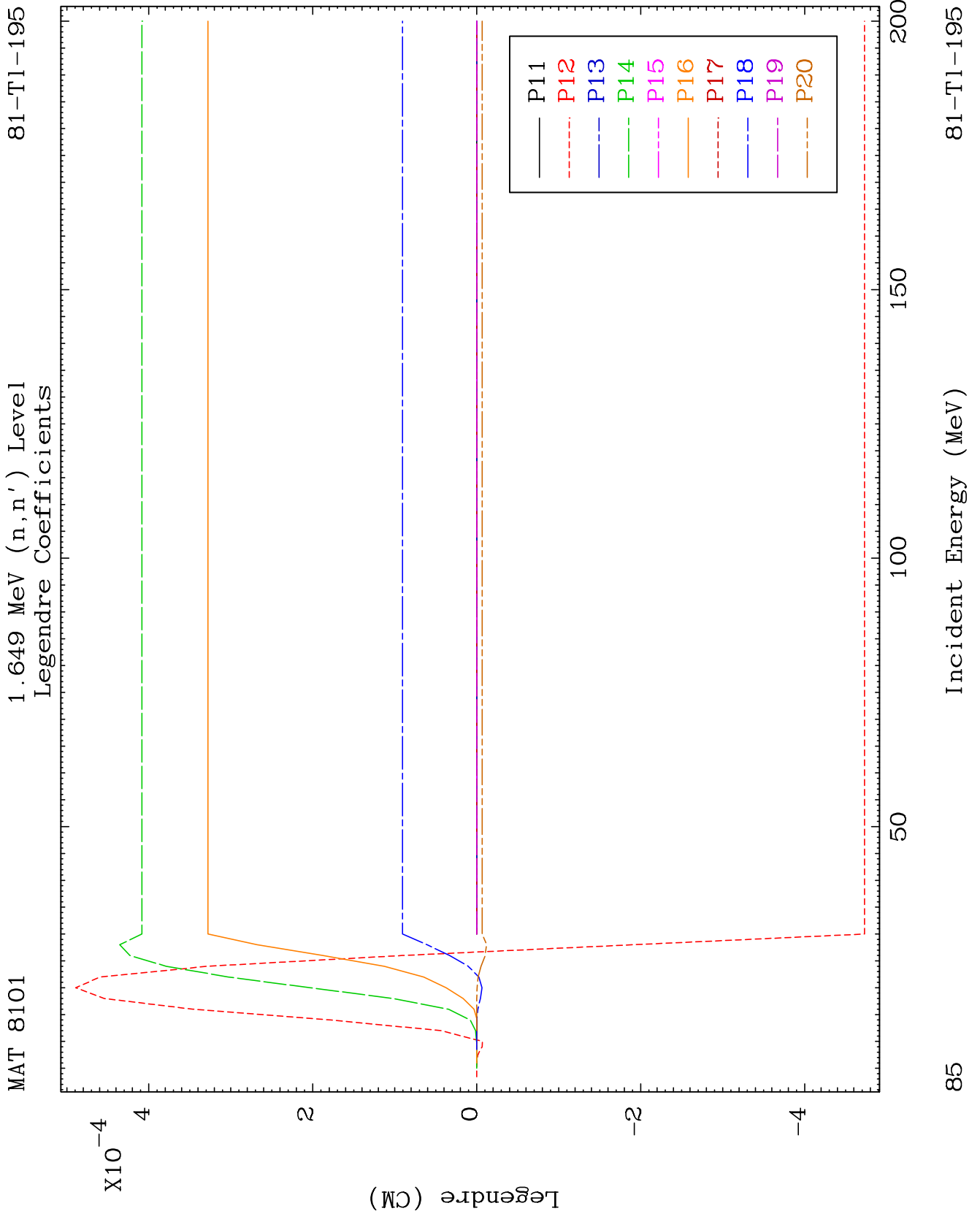


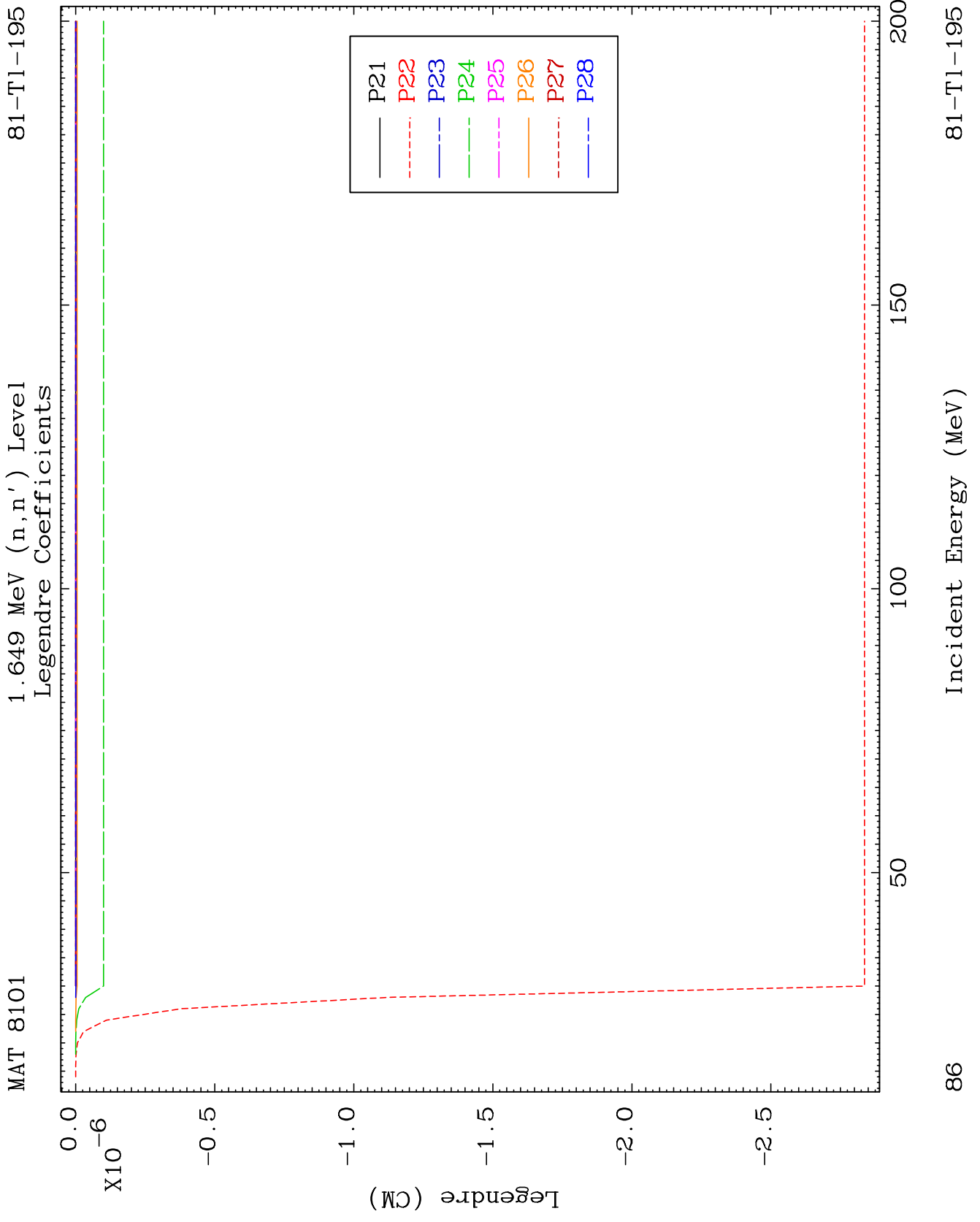


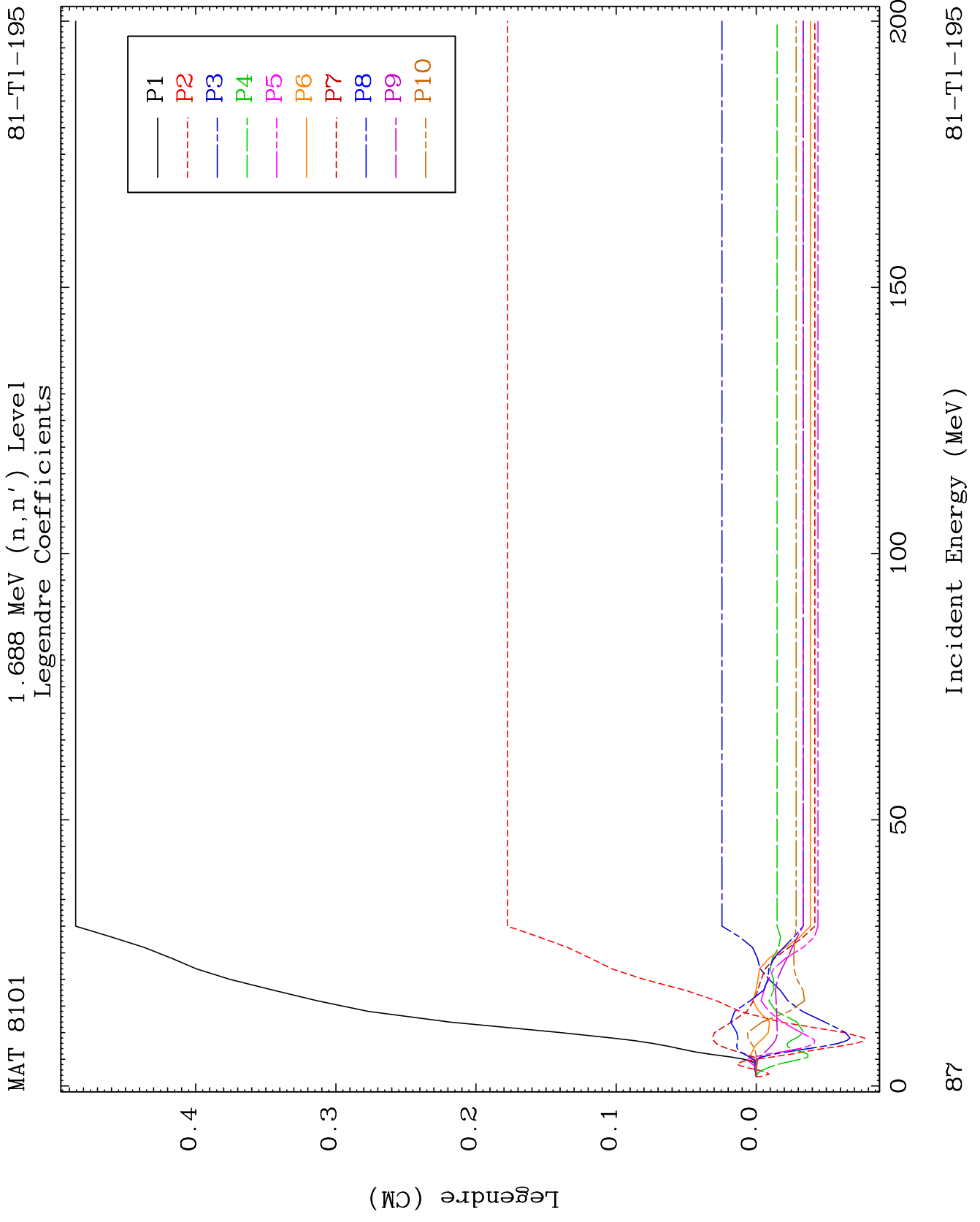










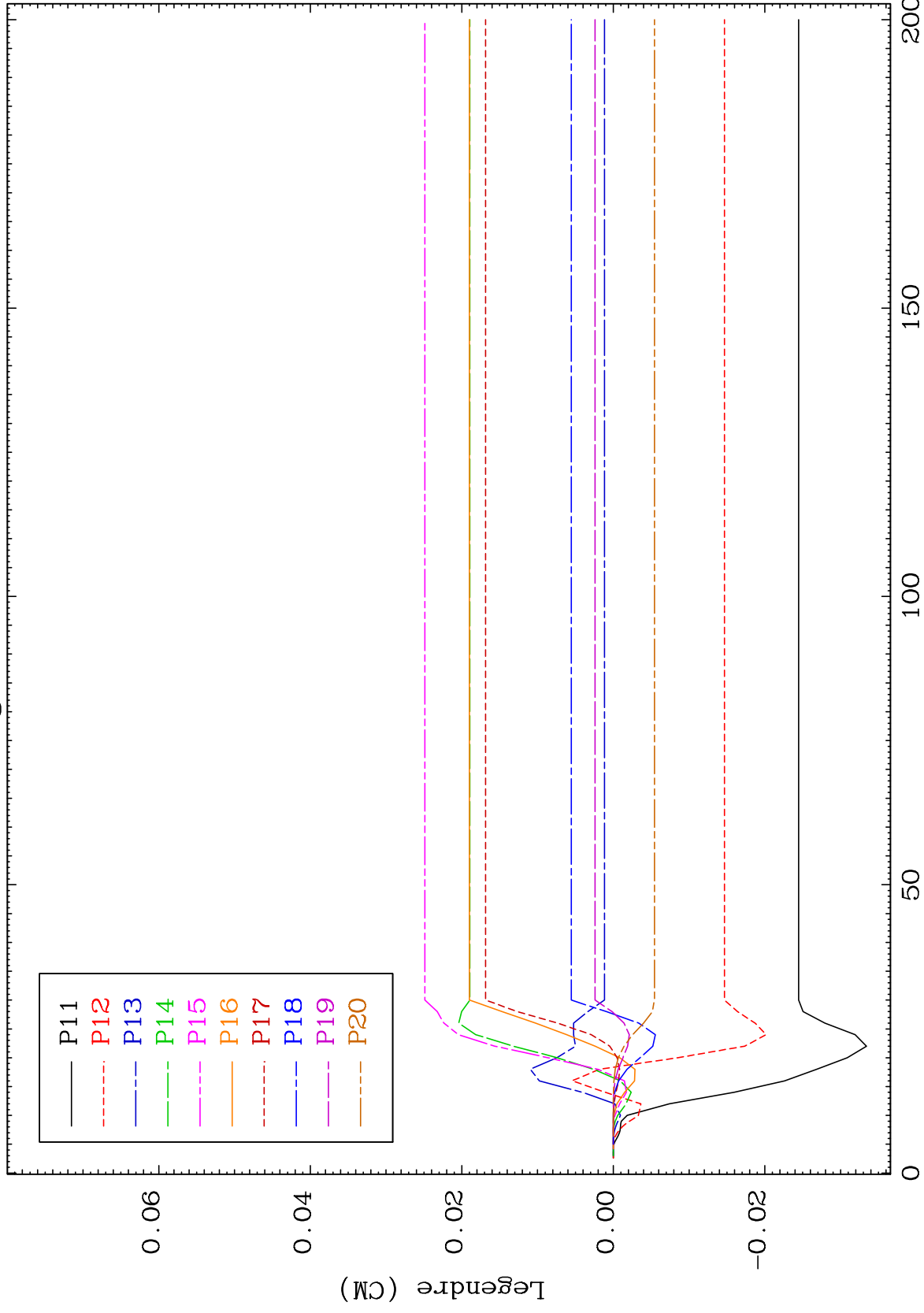




MAT 8101

1.688 MeV (n,n') Level  
Legendre Coefficients

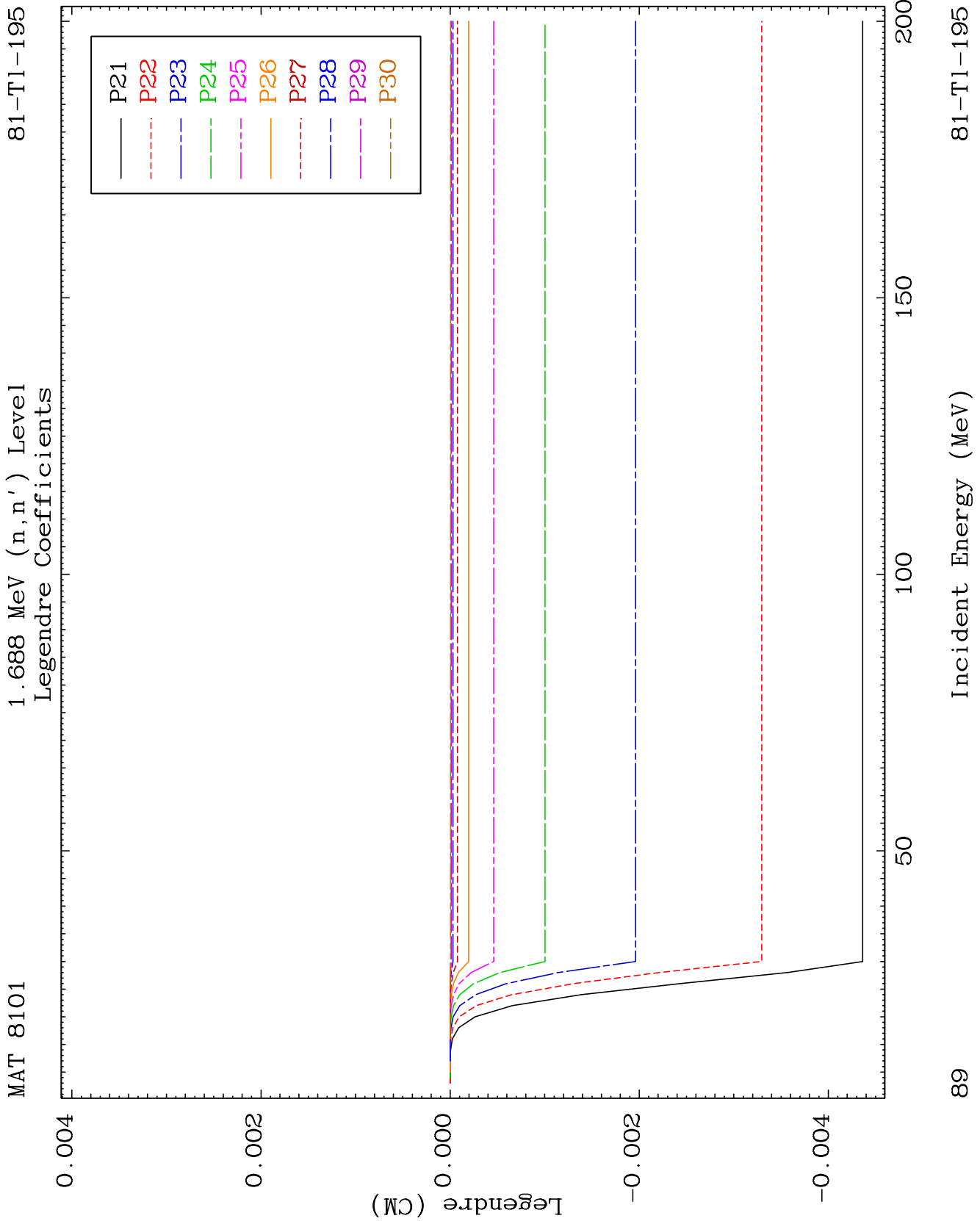
81-T1-195

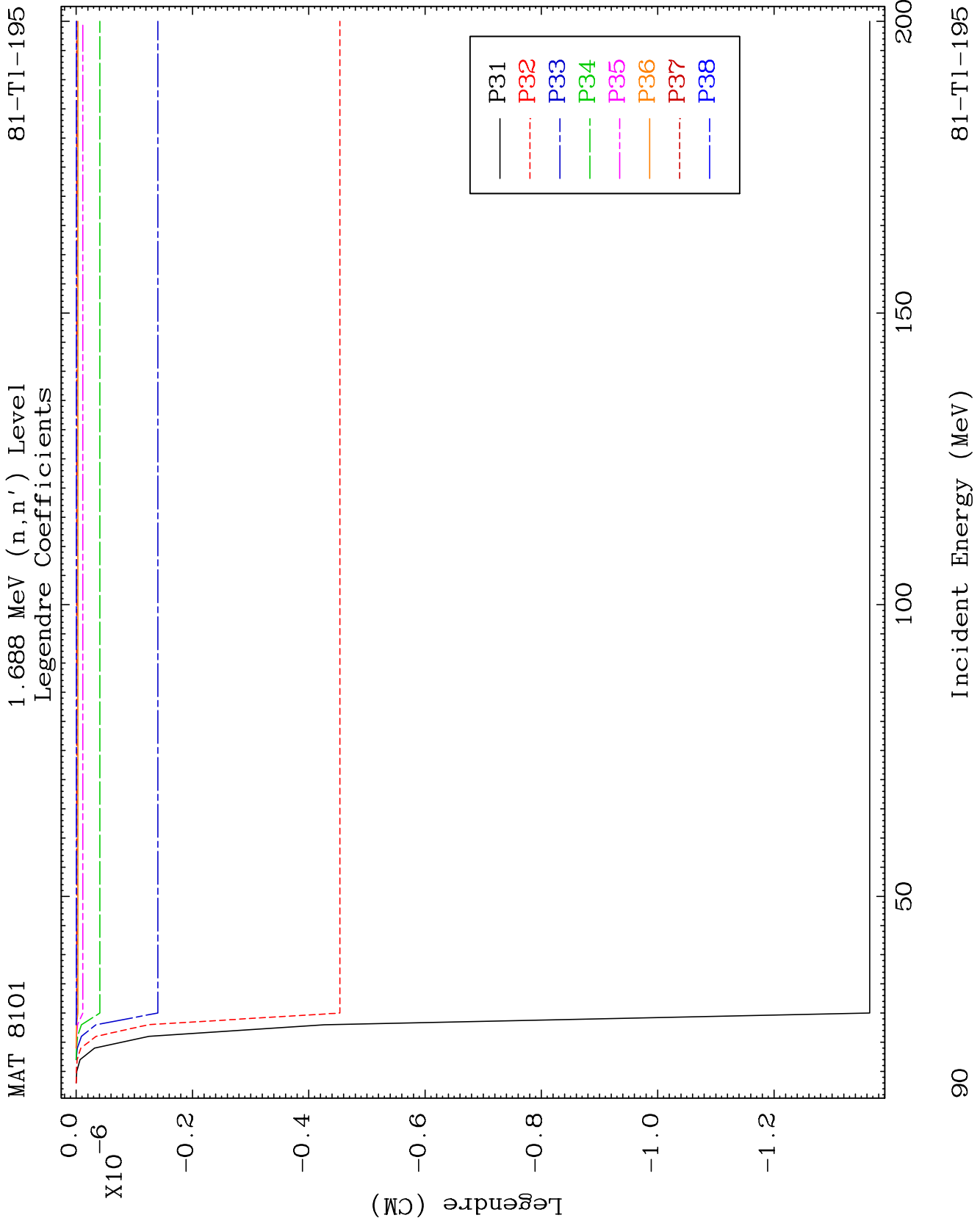


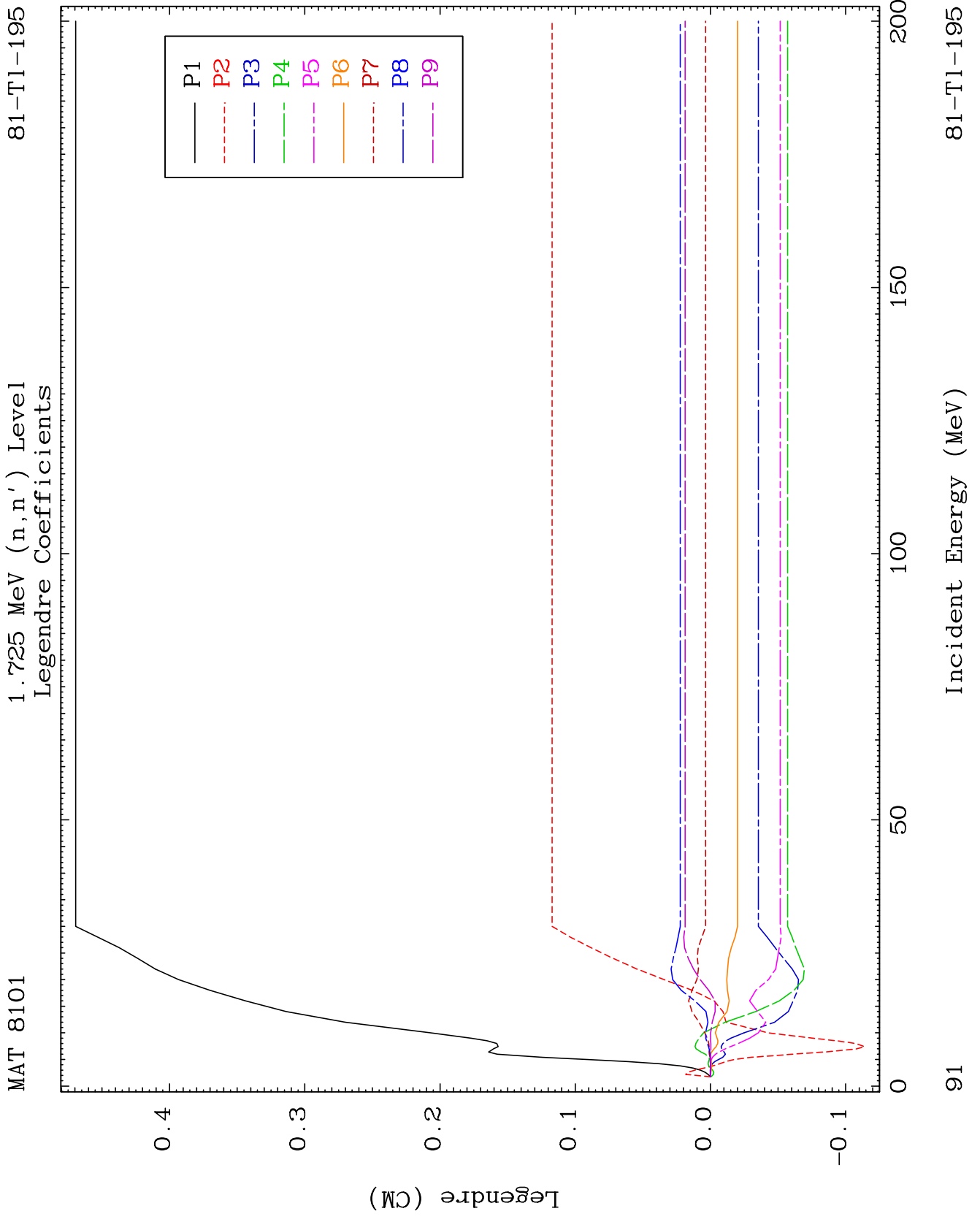
88

Incident Energy (MeV)

81-T1-195



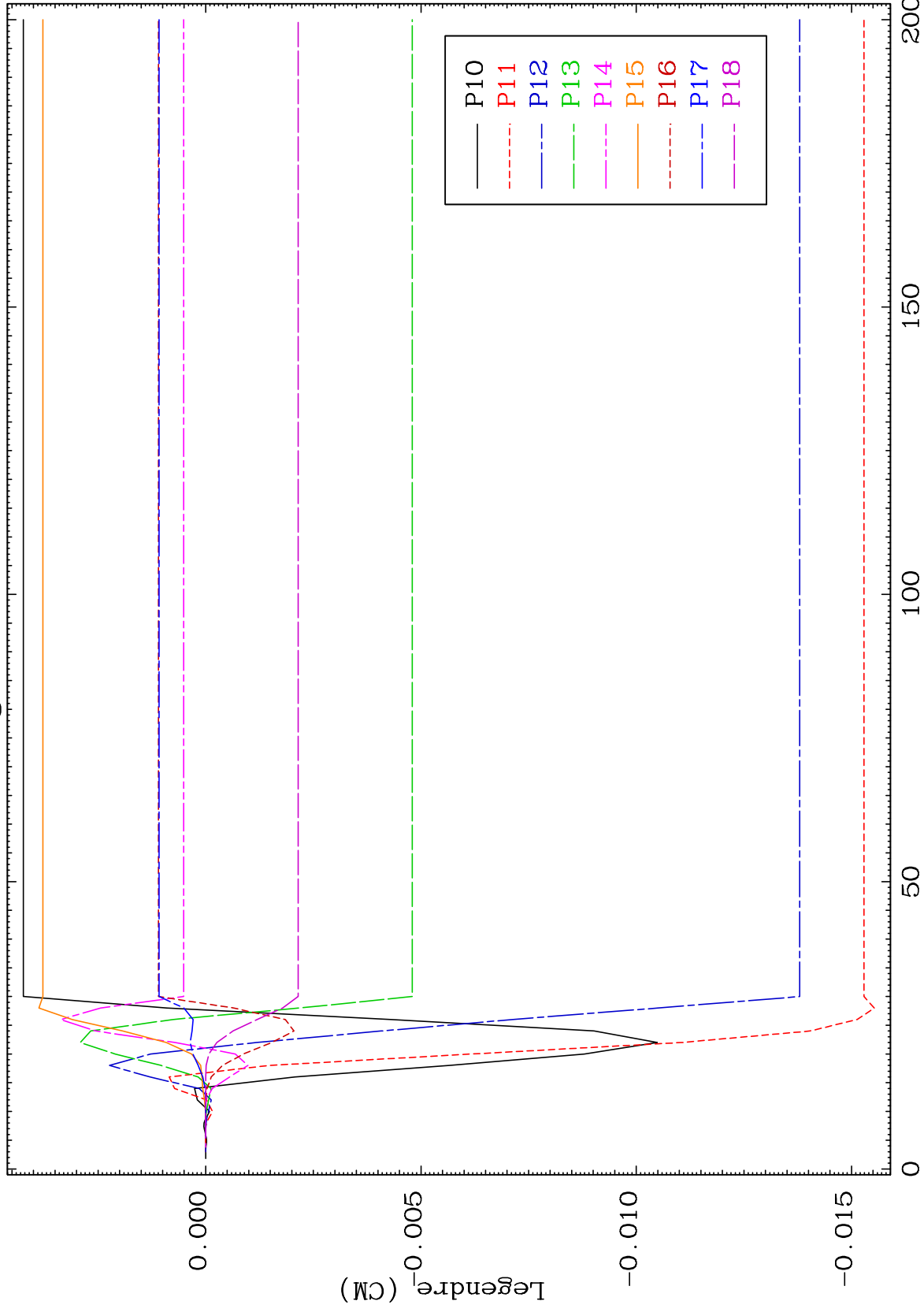




MAT 8101

1.725 MeV (n,n') Level  
Legendre Coefficients

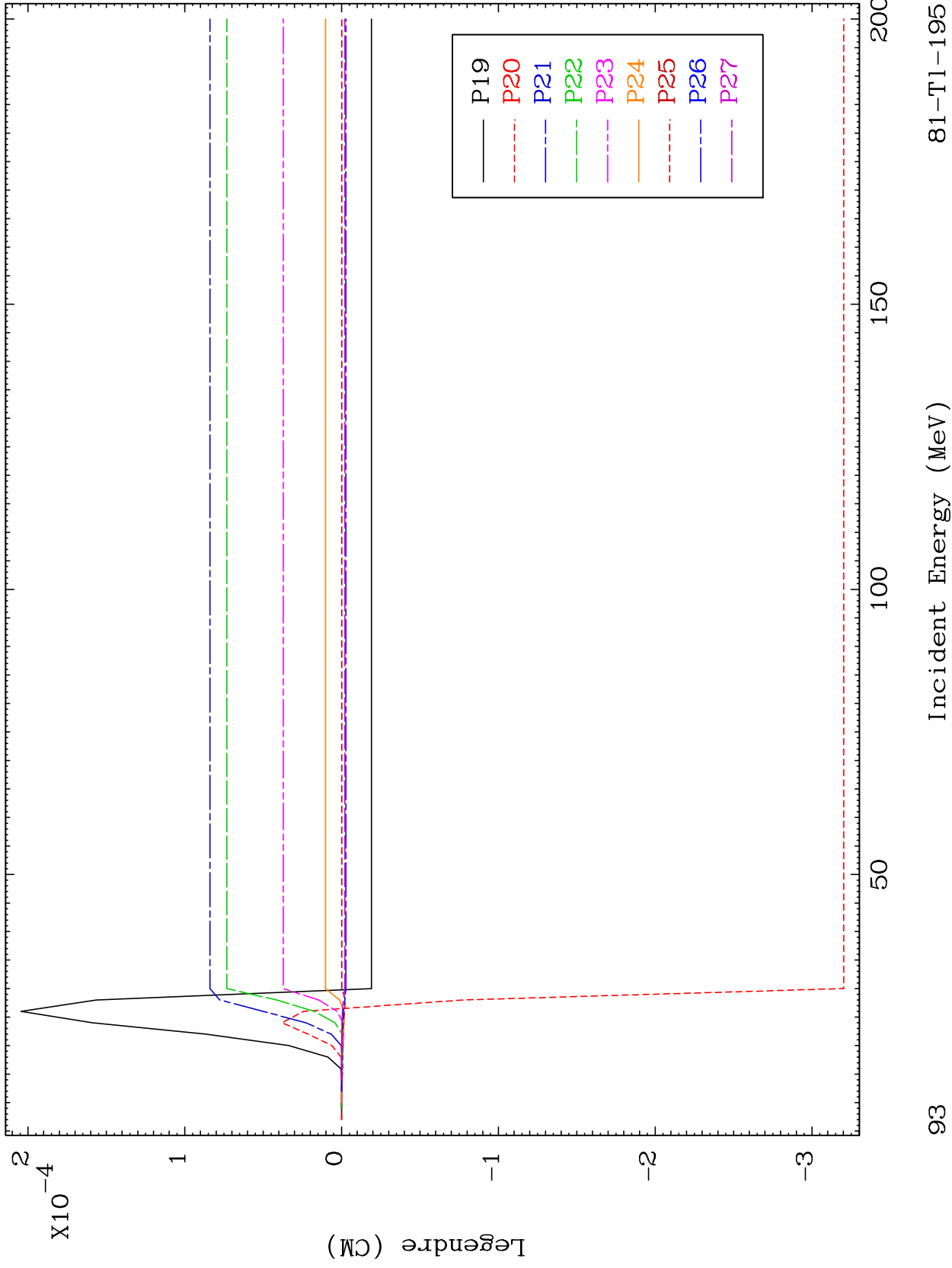
81-T1-195

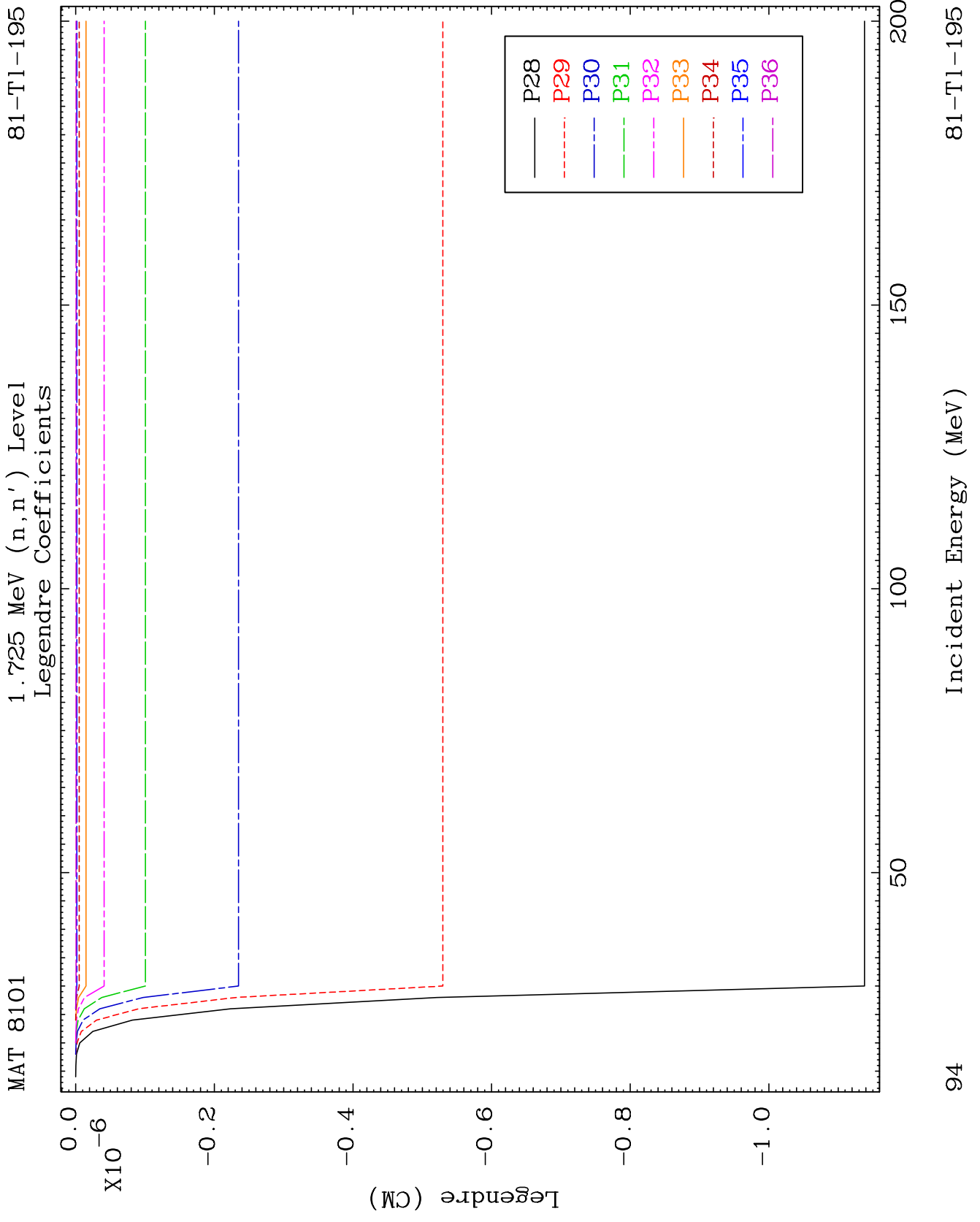


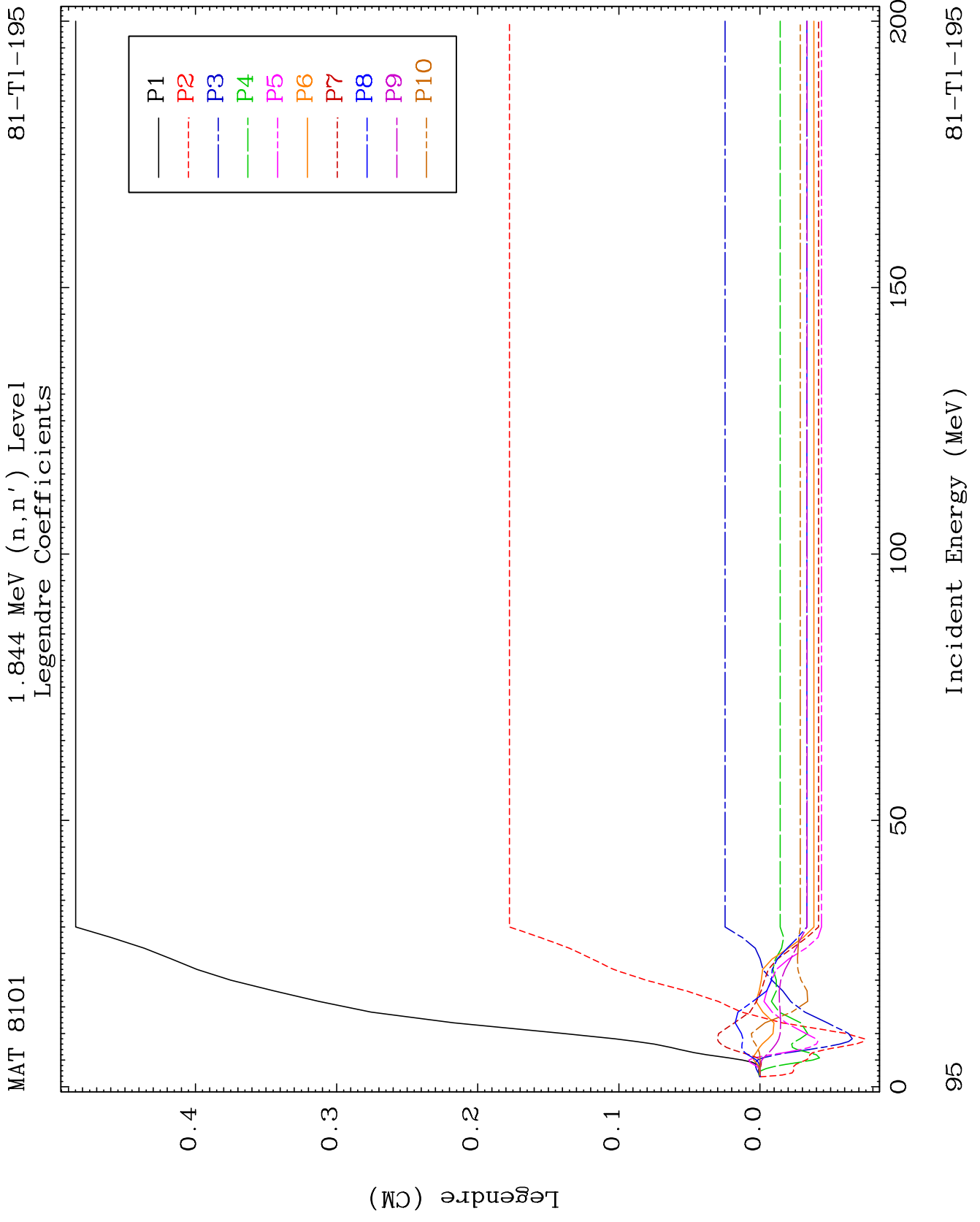
92

Incident Energy (MeV)

81-T1-195





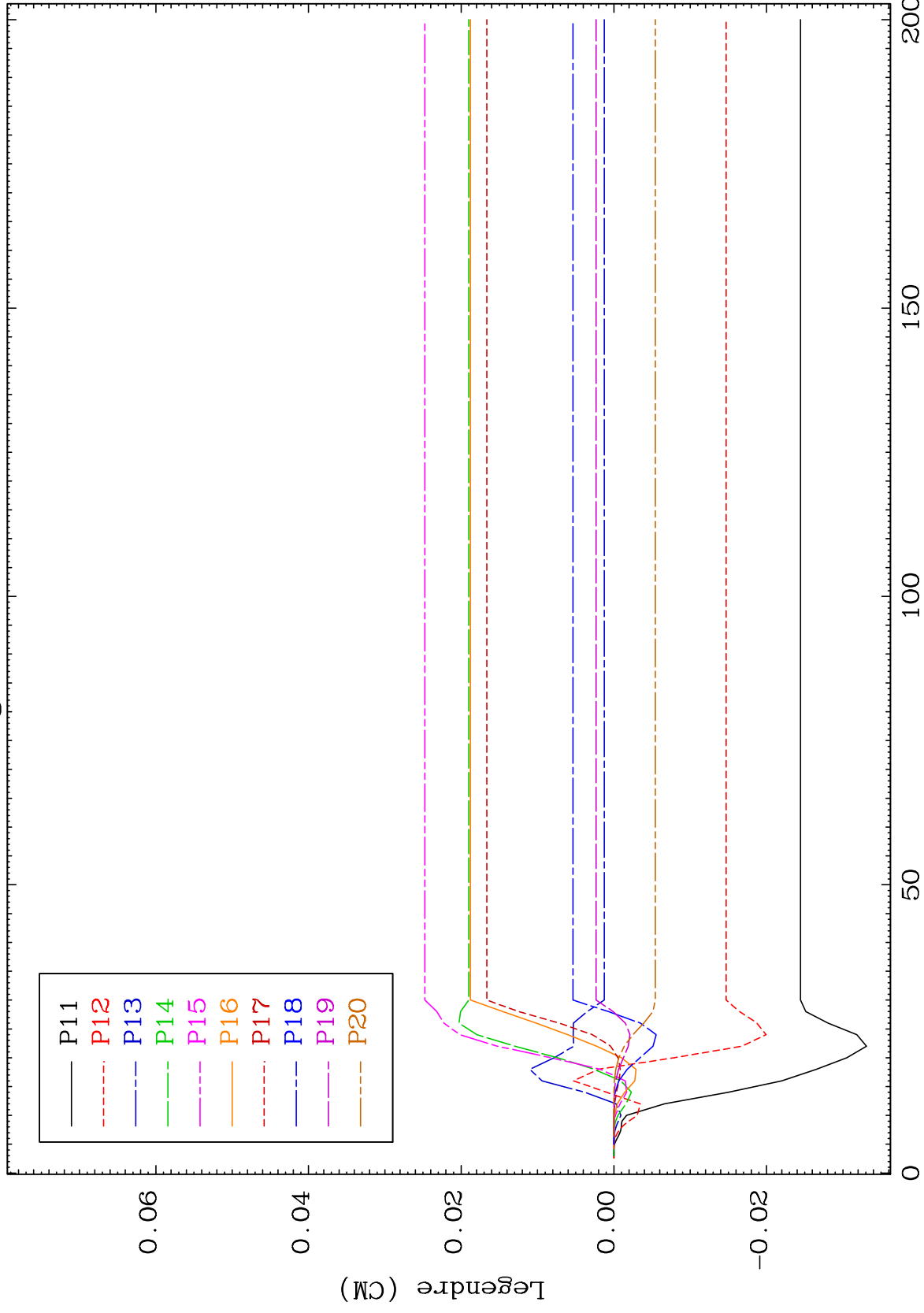




MAT 8101

1.844 MeV (n,n') Level  
Legendre Coefficients

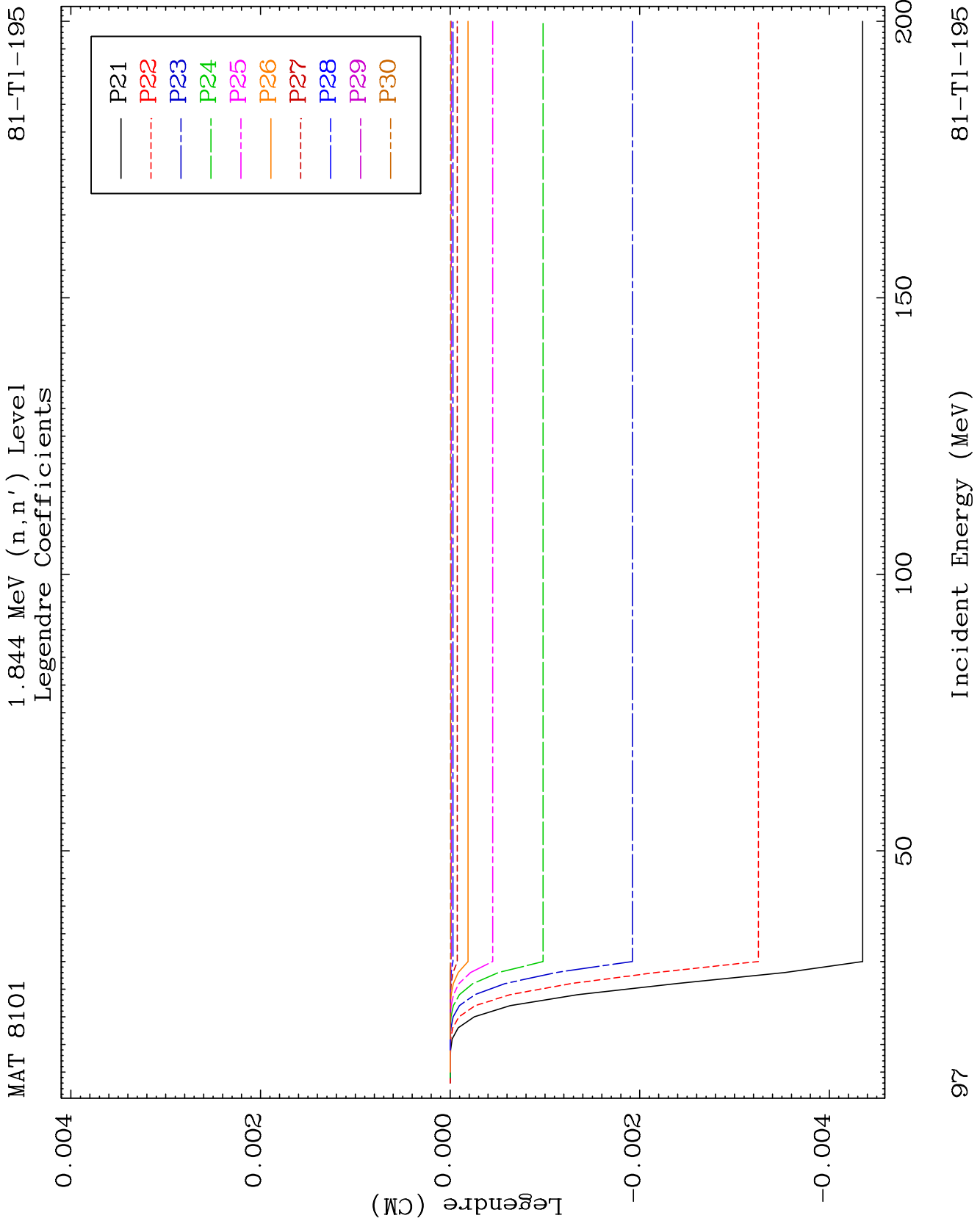
81-T1-195

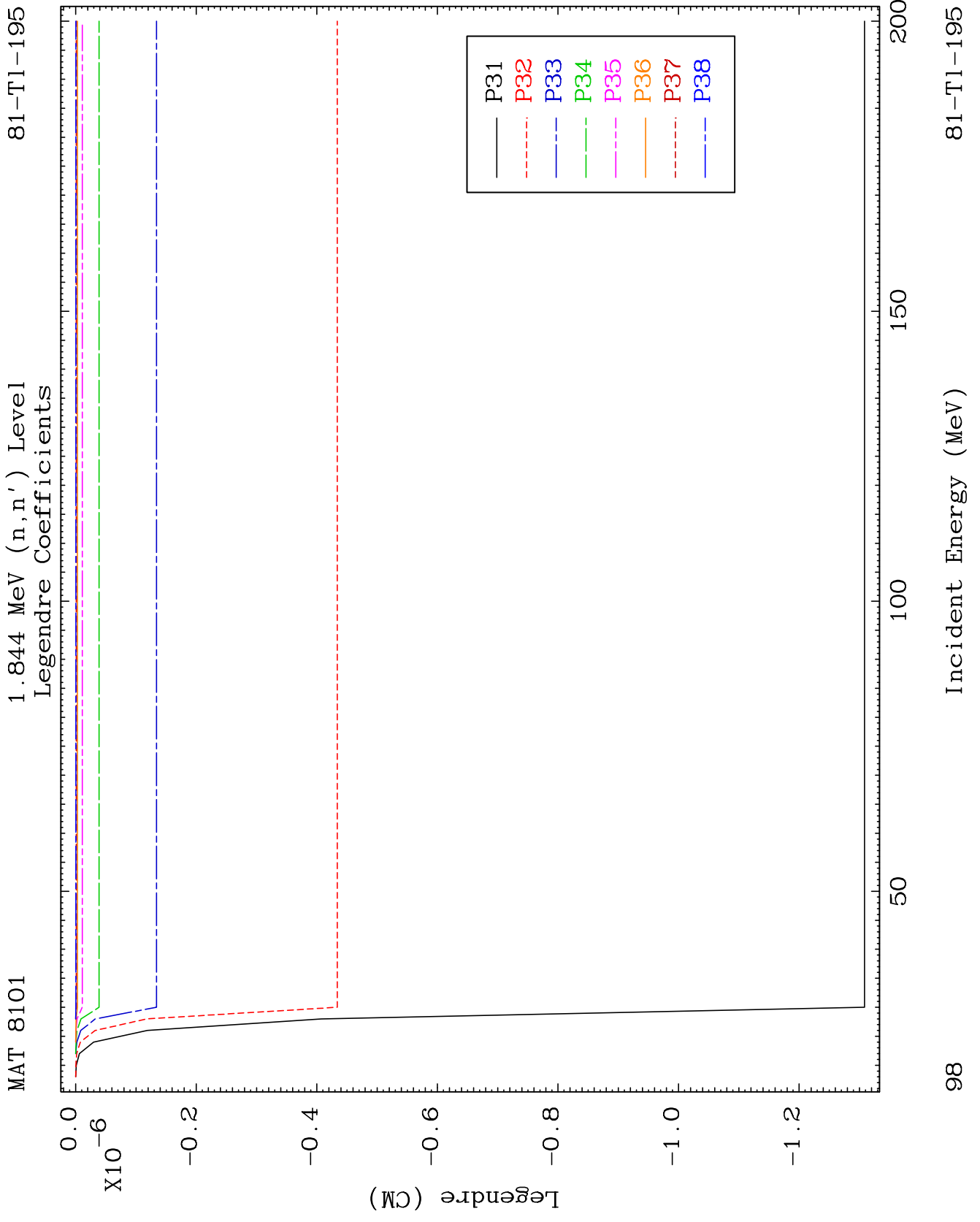


96

Incident Energy (MeV)

81-T1-195



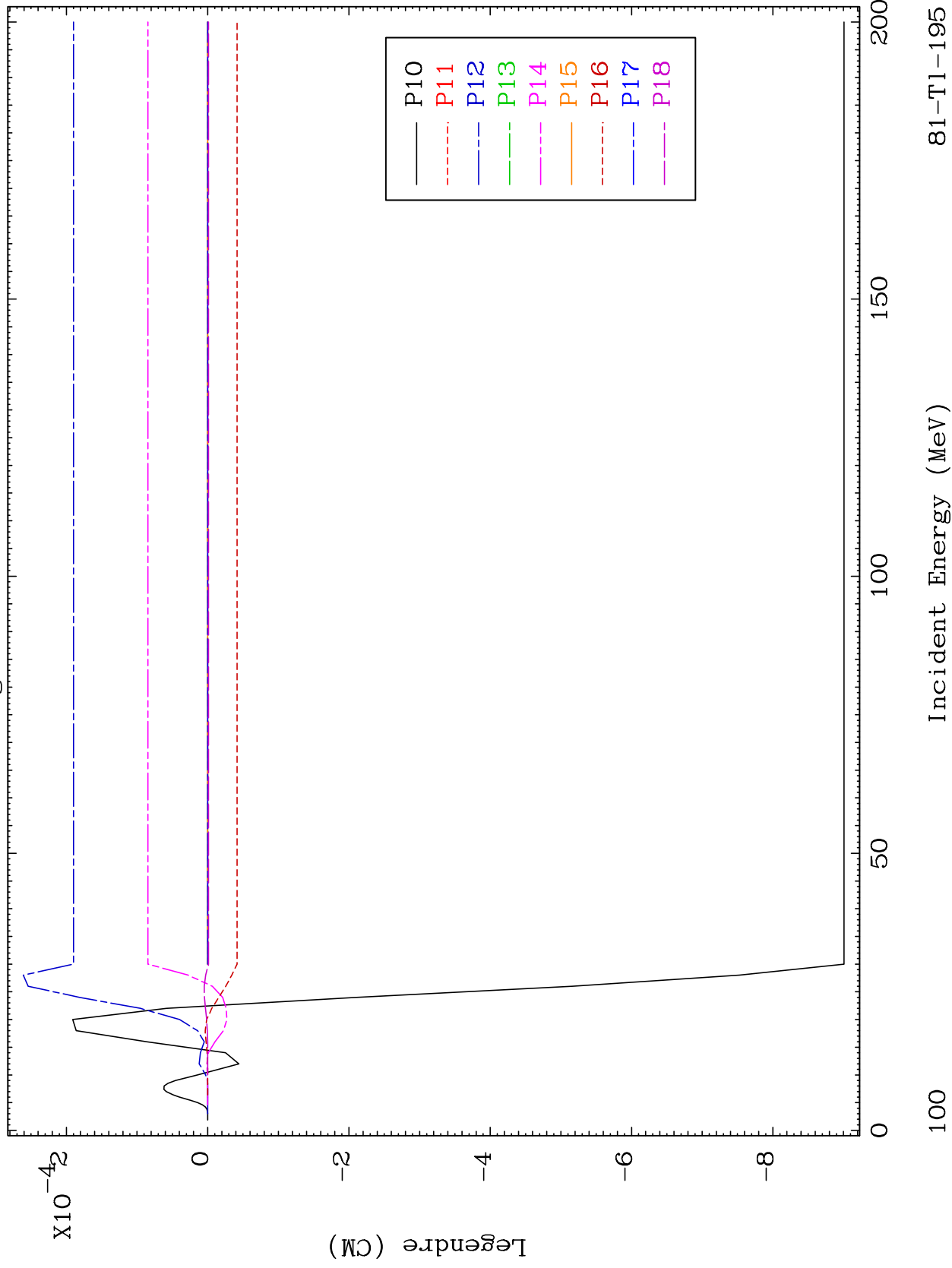




MAT 8101

1.845 MeV (n,n') Level  
Legendre Coefficients

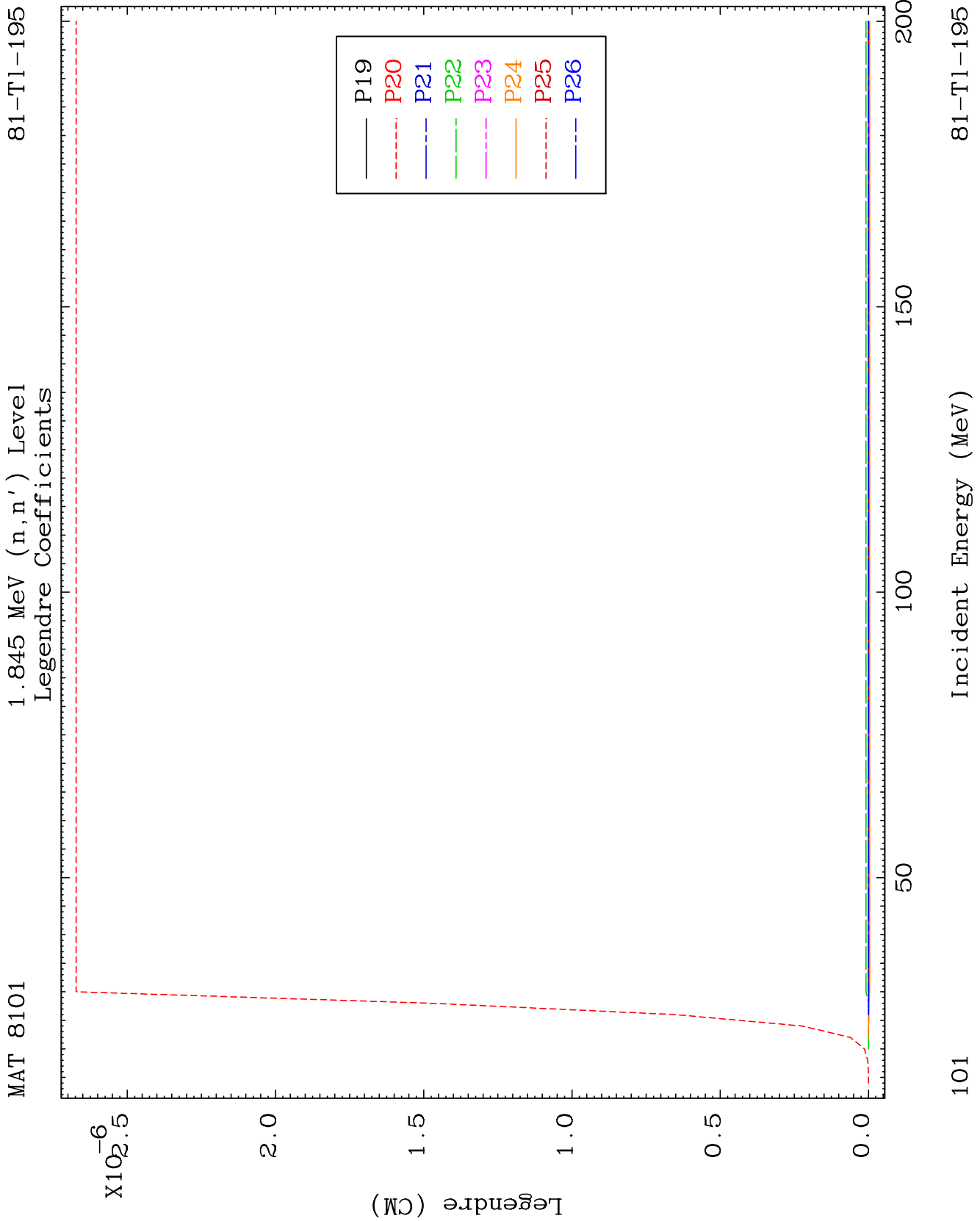
81-T1-195

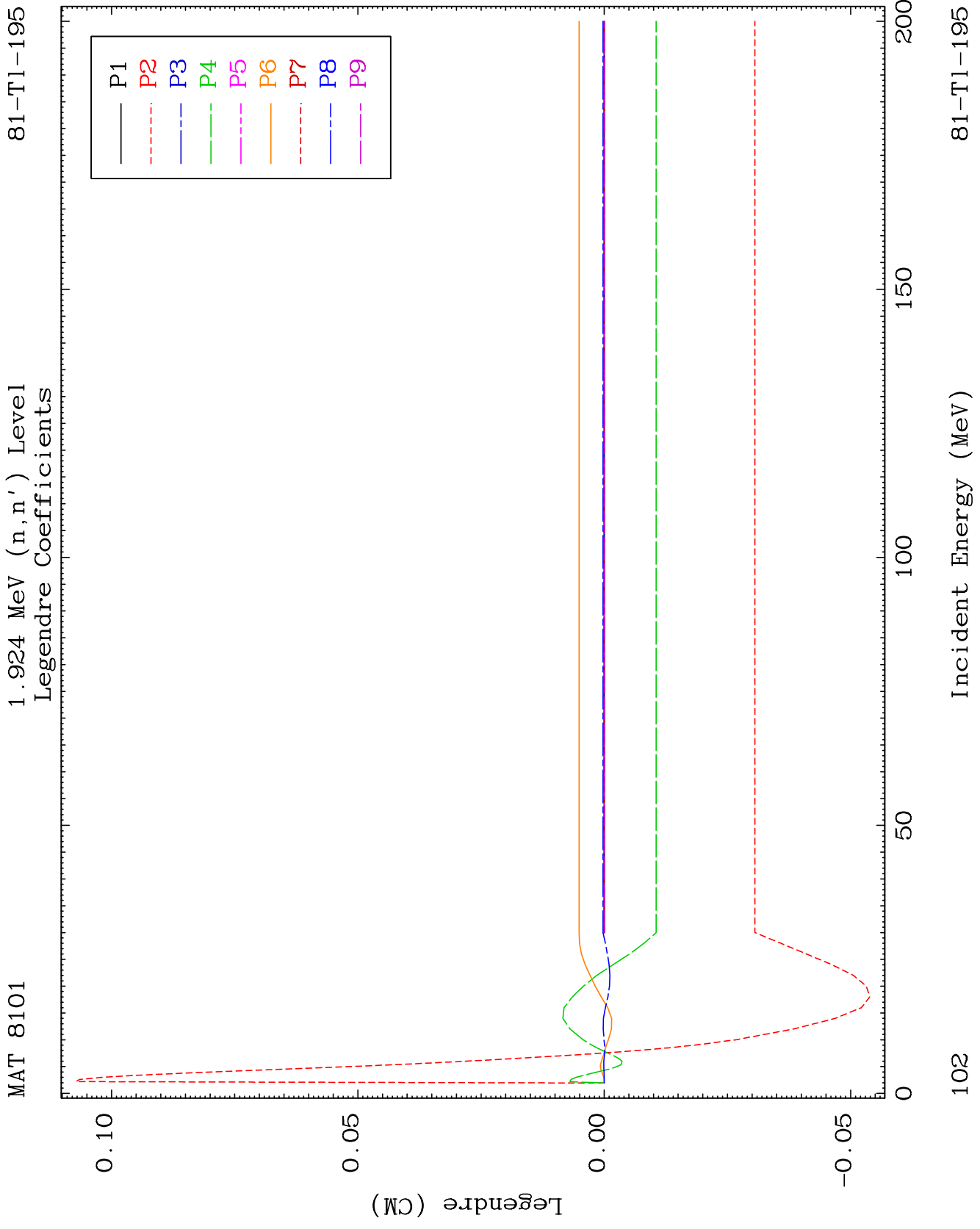


81-T1-195

Incident Energy (MeV)

100

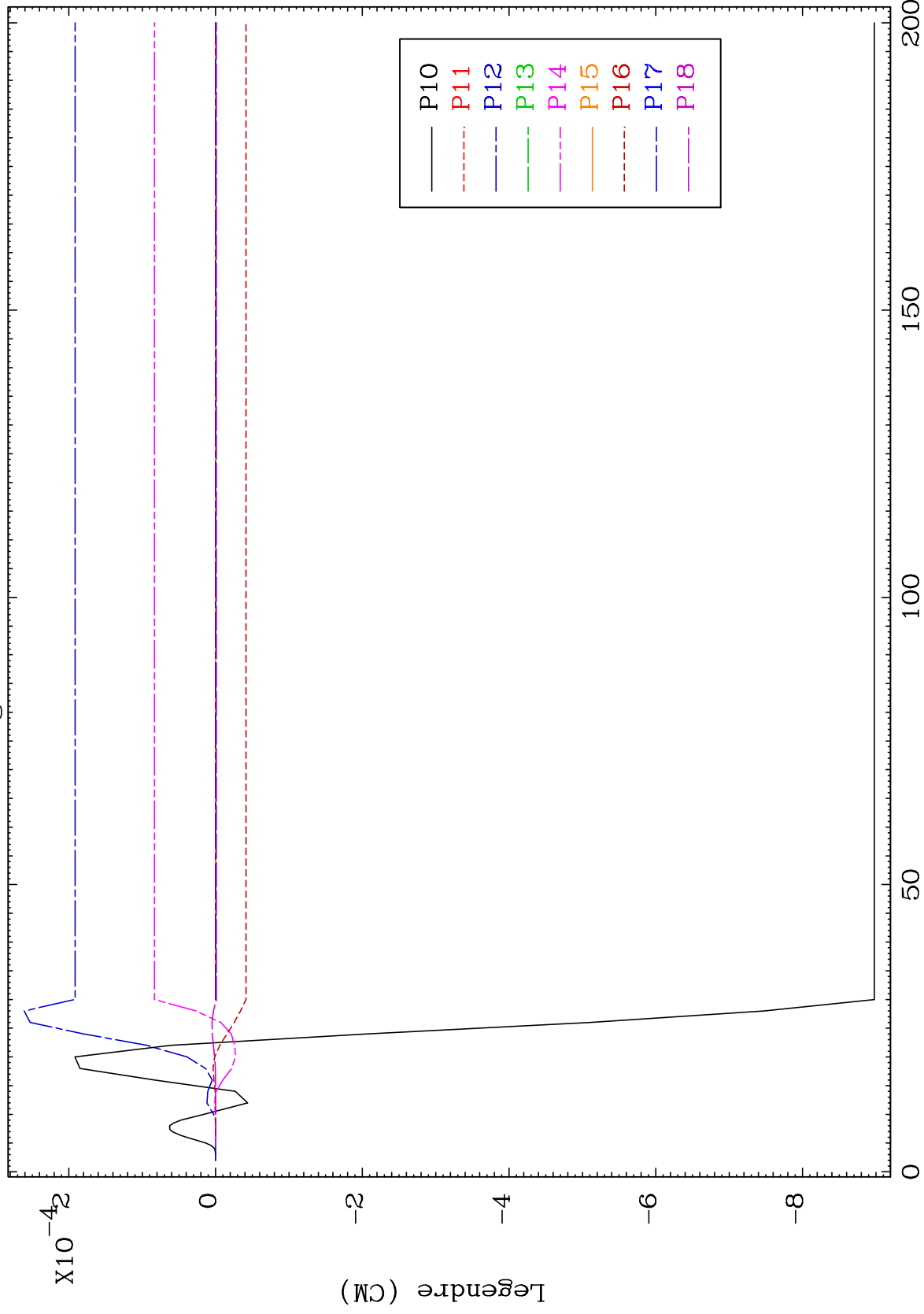




MAT 8101

1.924 MeV (n,n') Level  
Legendre Coefficients

81-T1-195



103

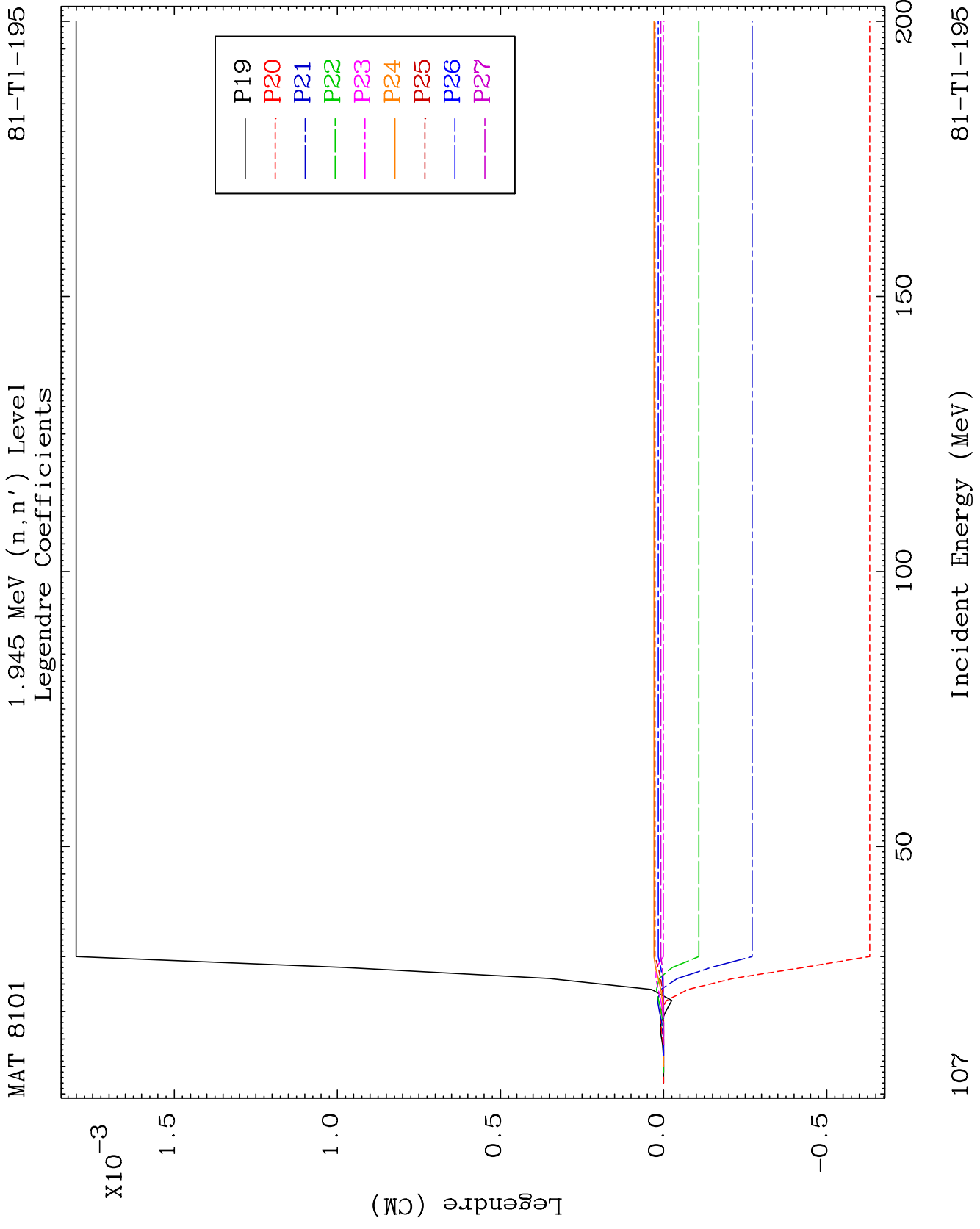
81-T1-195

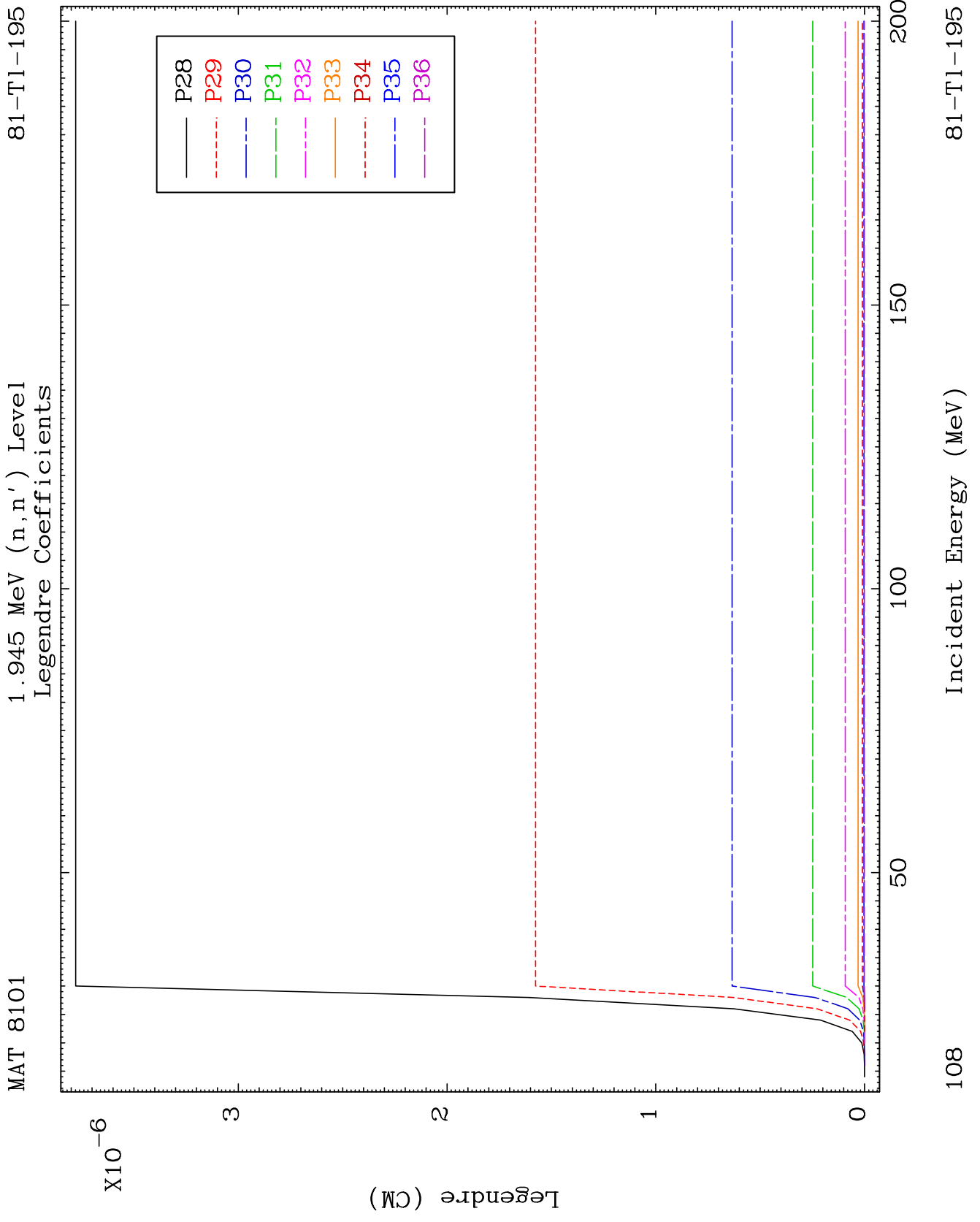


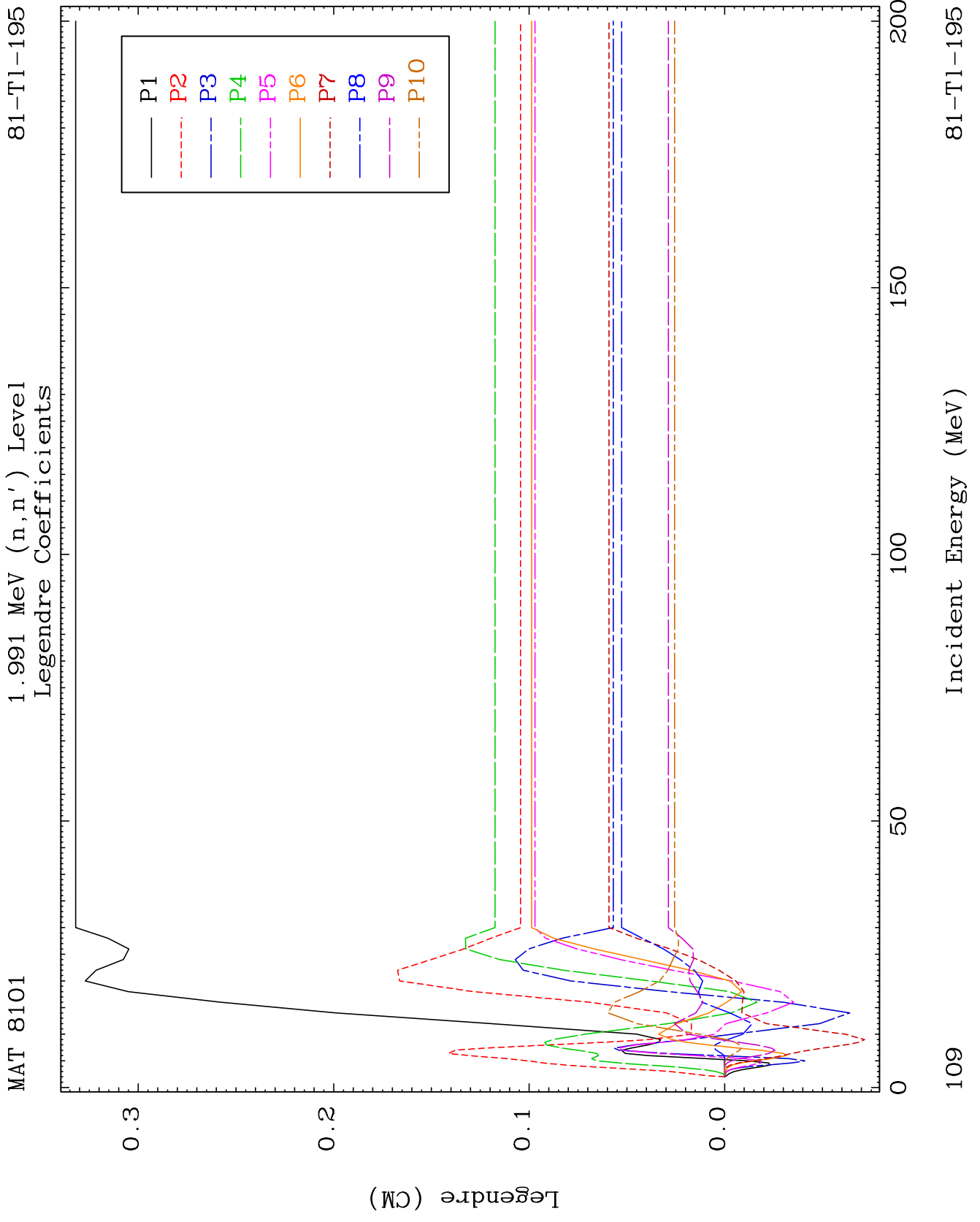


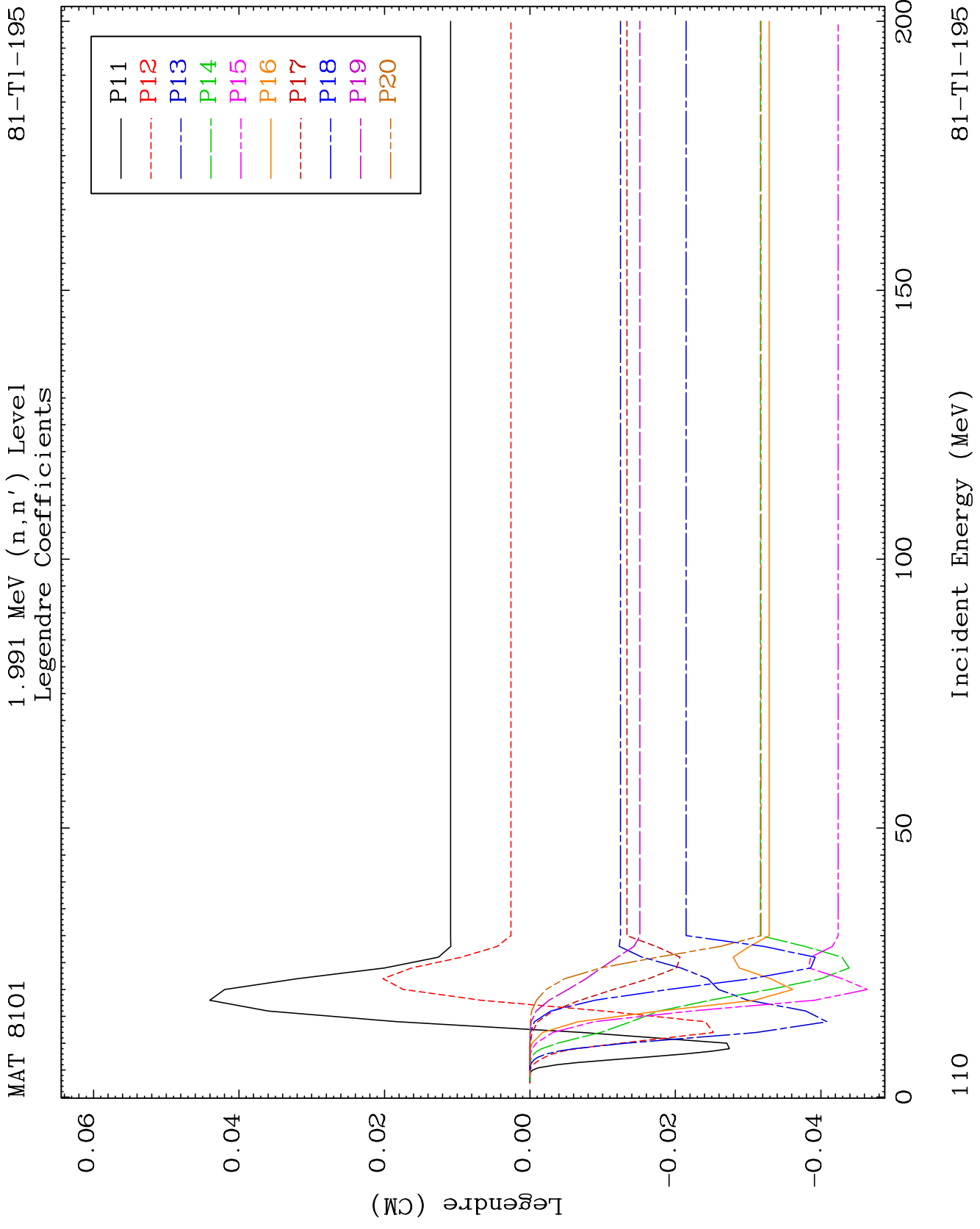








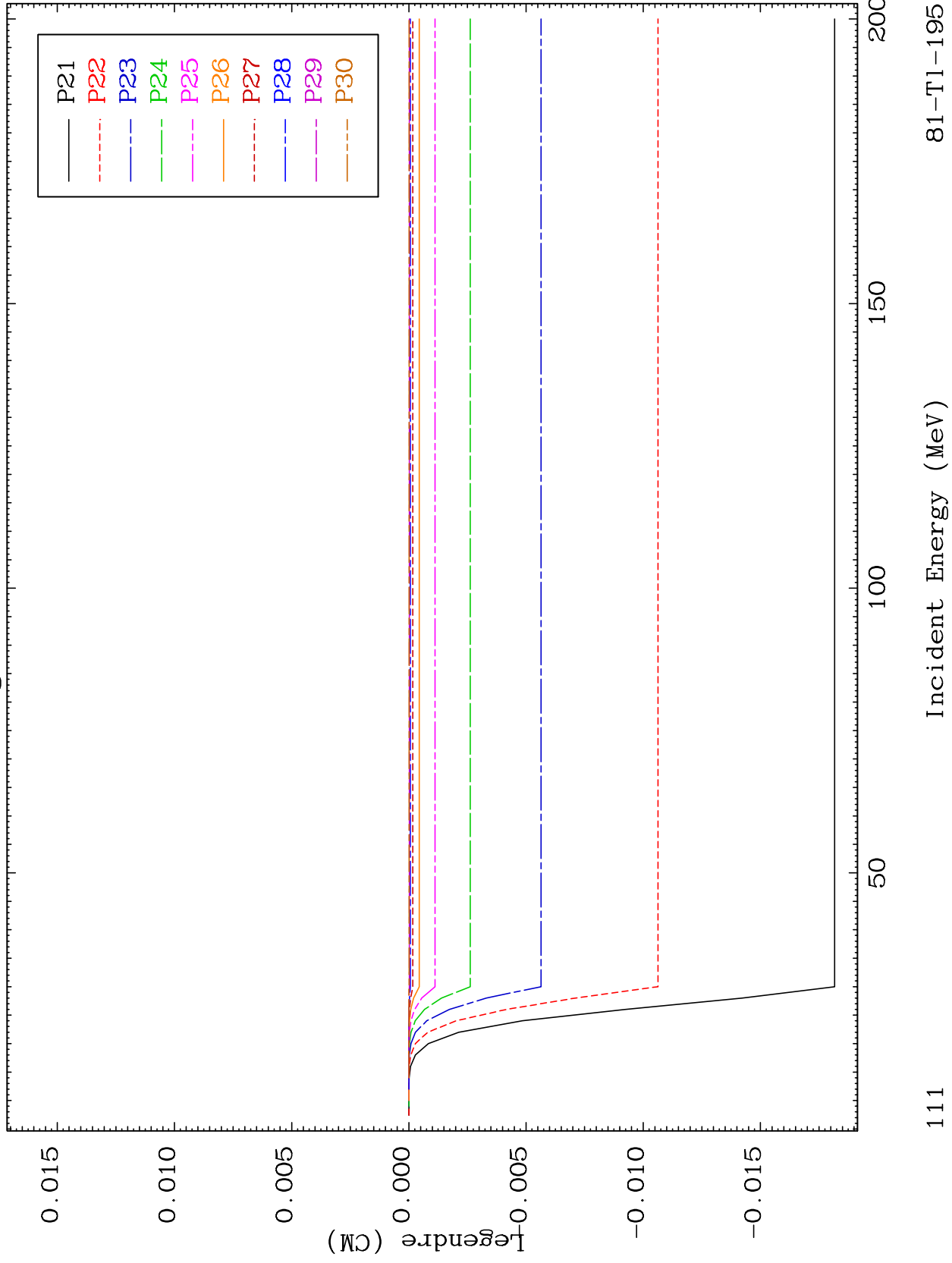




MAT 8101

1.991 MeV (n,n') Level  
Legendre Coefficients

81-T1-195

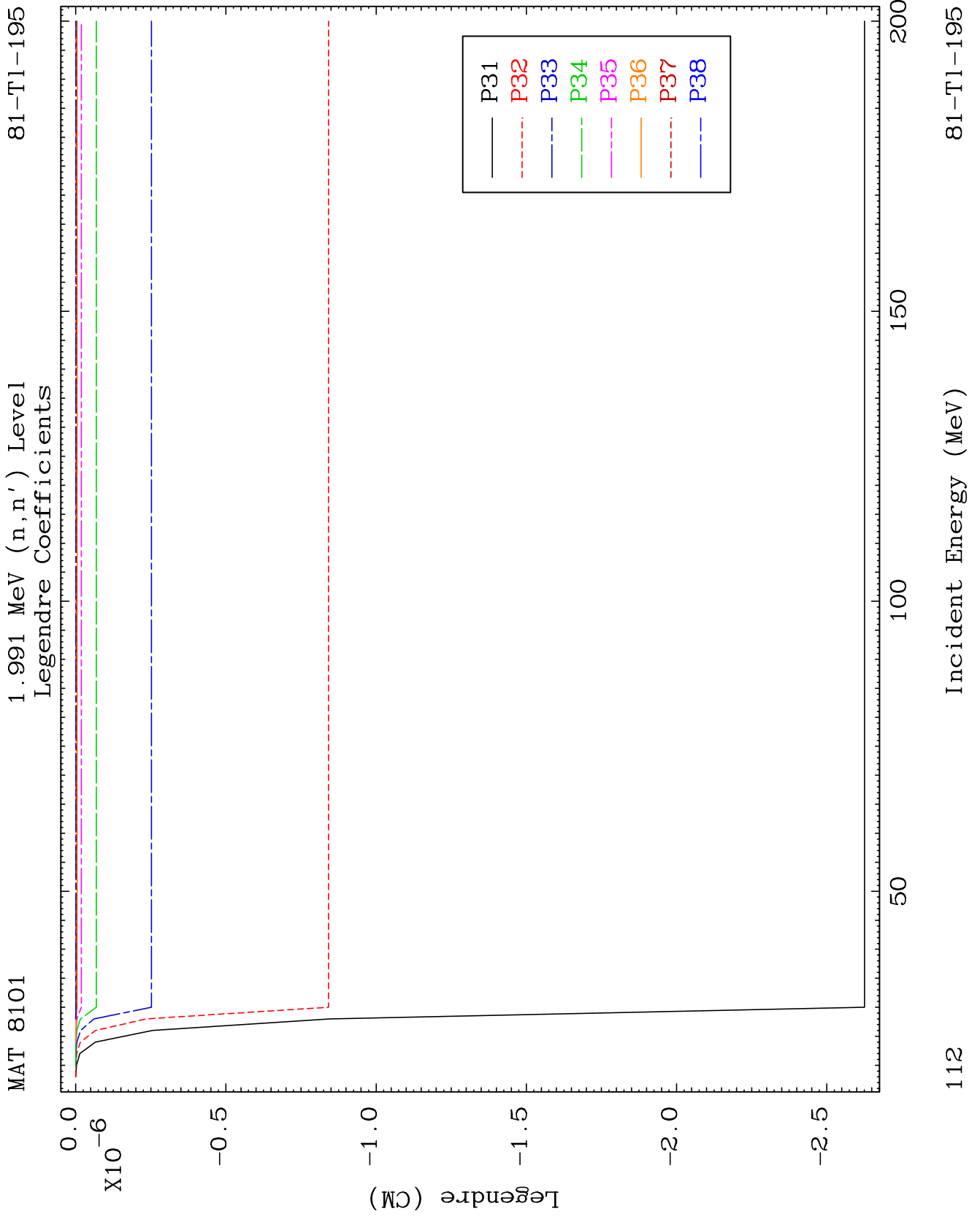


111

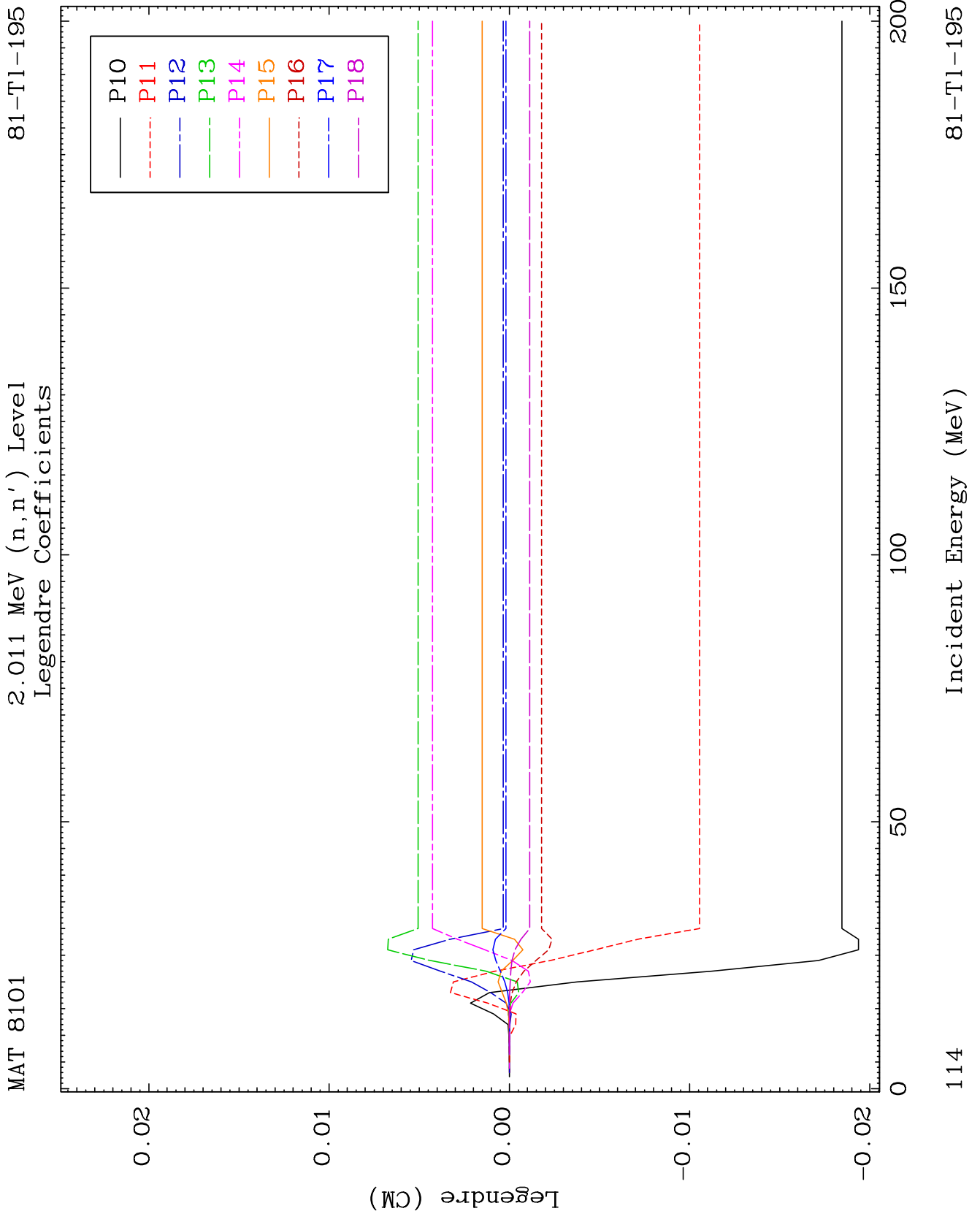
Incident Energy (MeV)

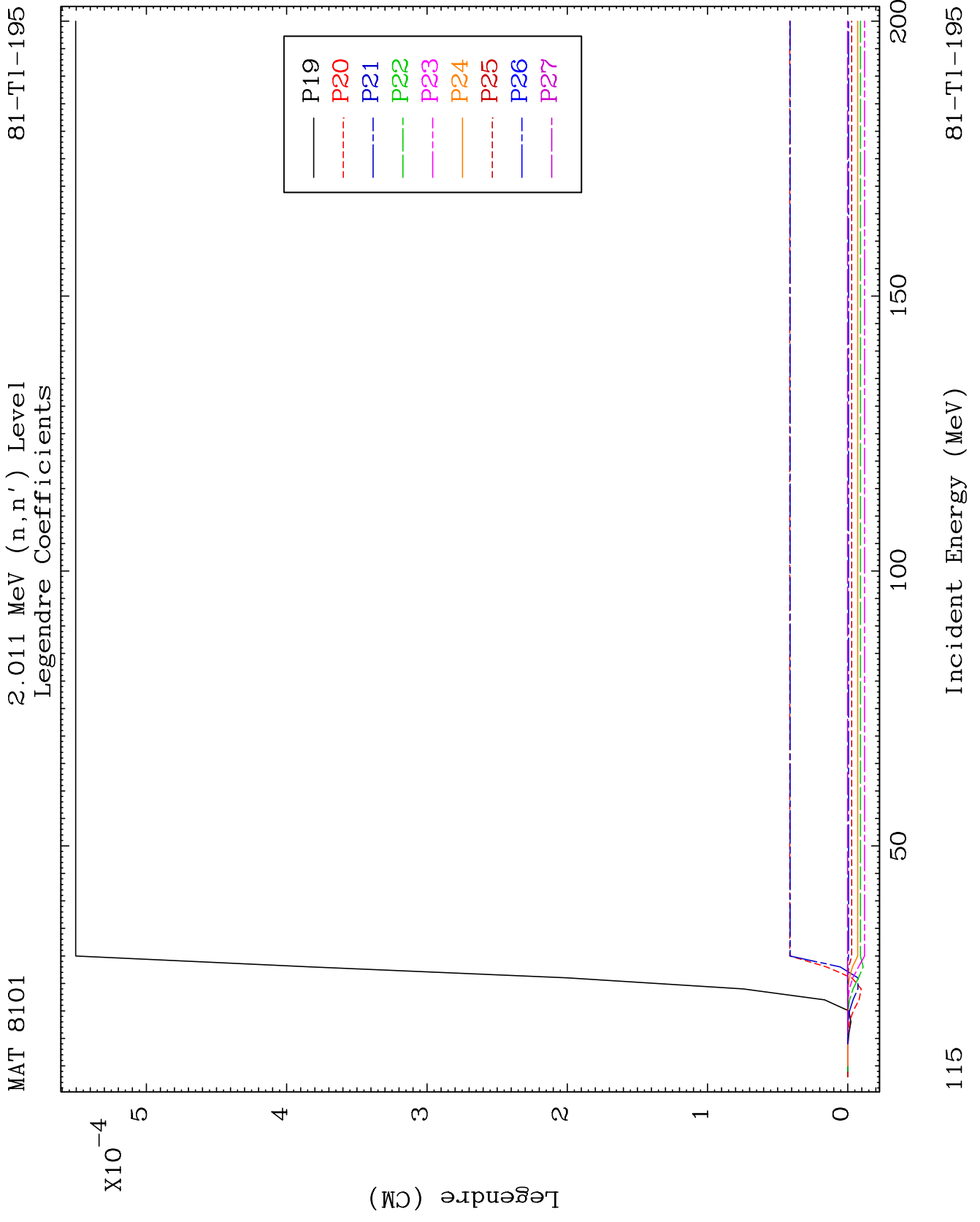
81-T1-195

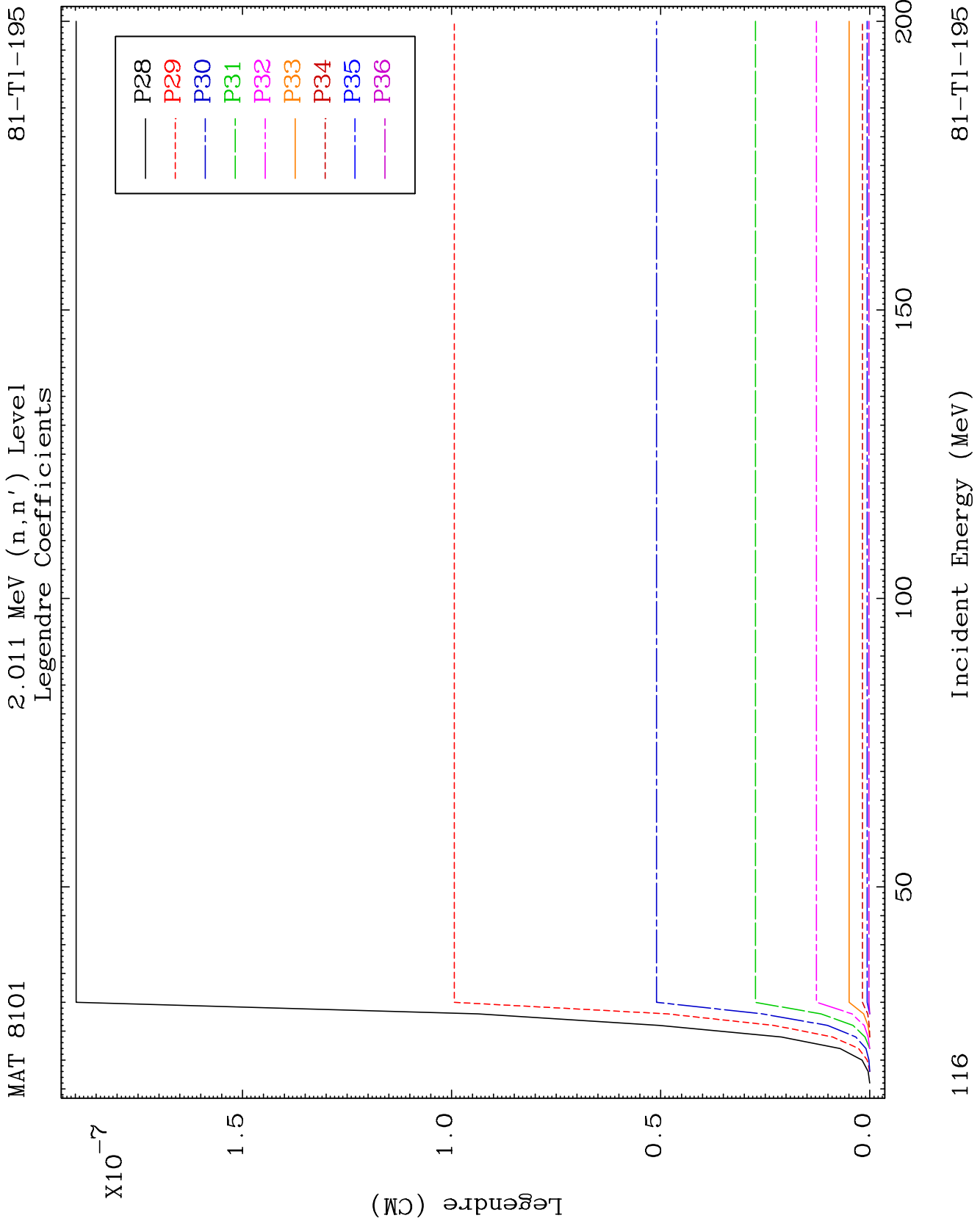


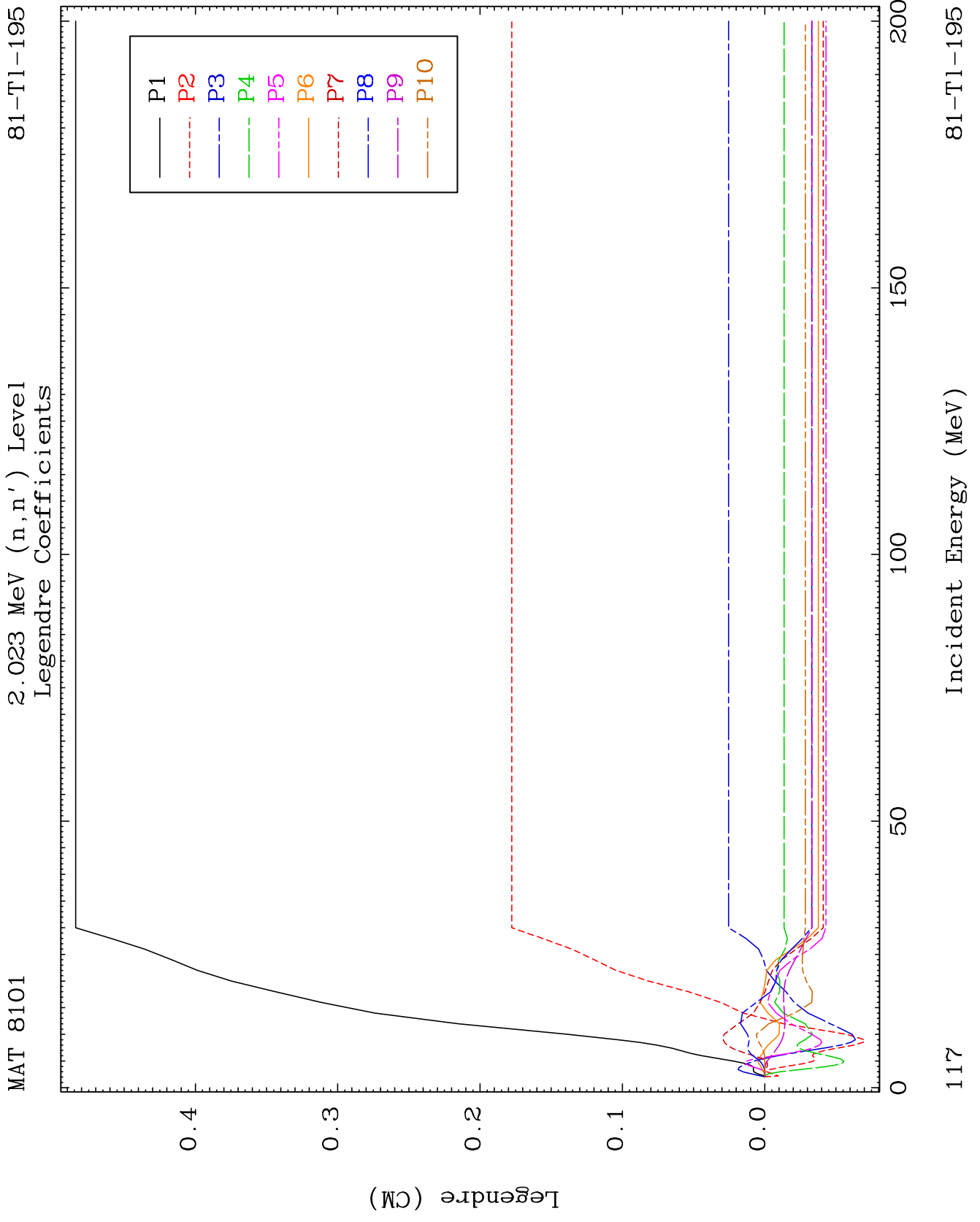








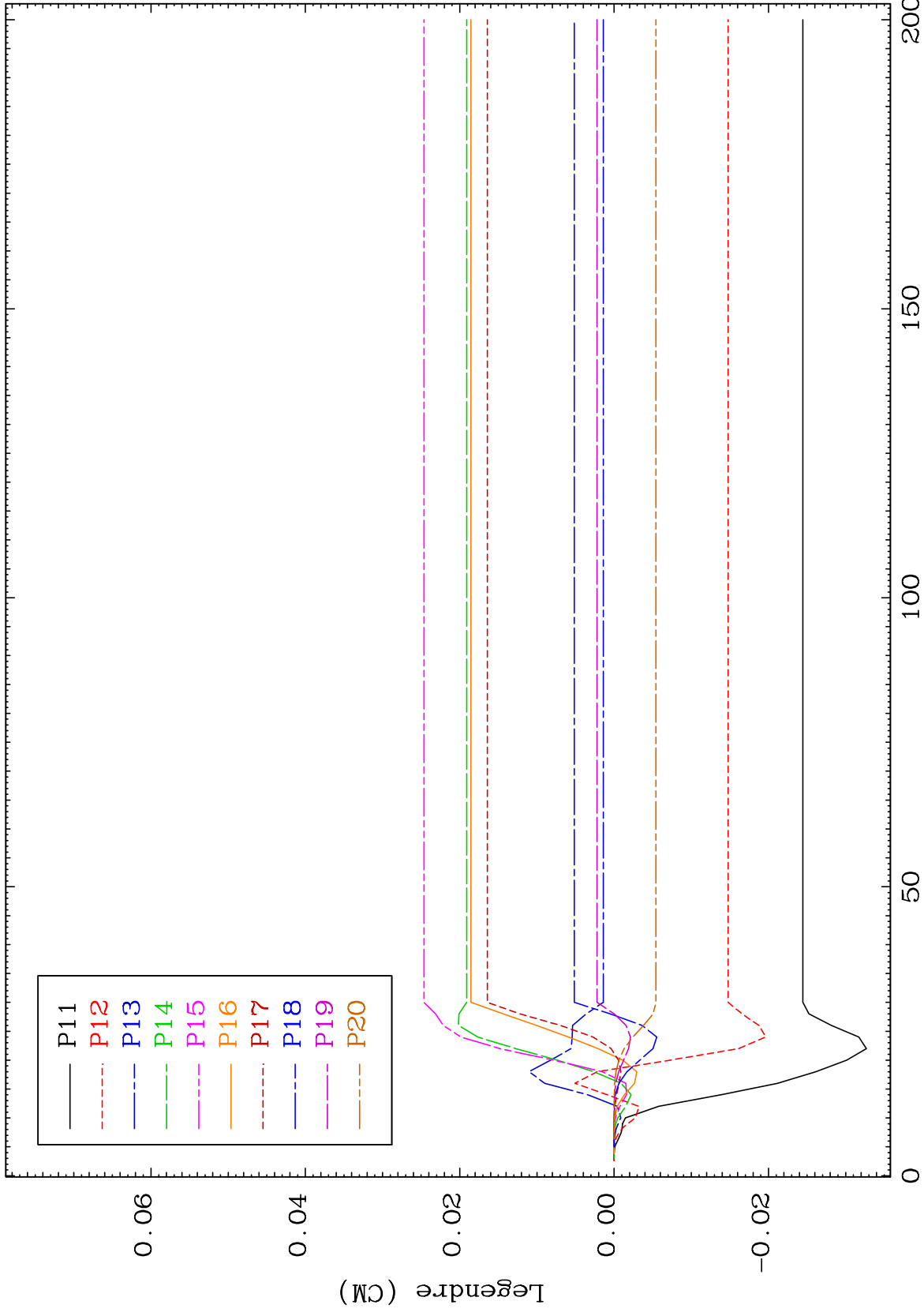




MAT 8101

2.023 MeV (n,n') Level  
Legendre Coefficients

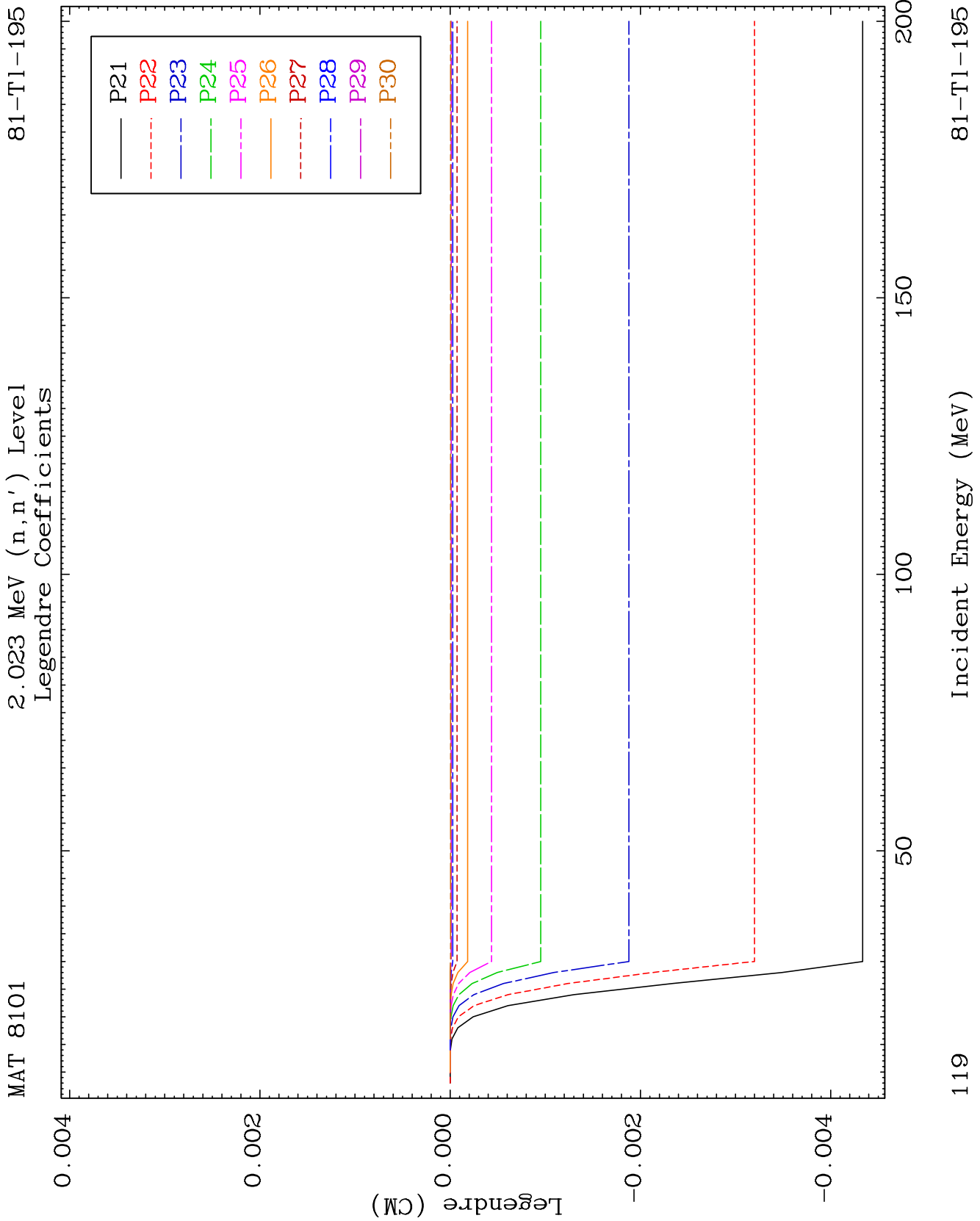
81-T1-195



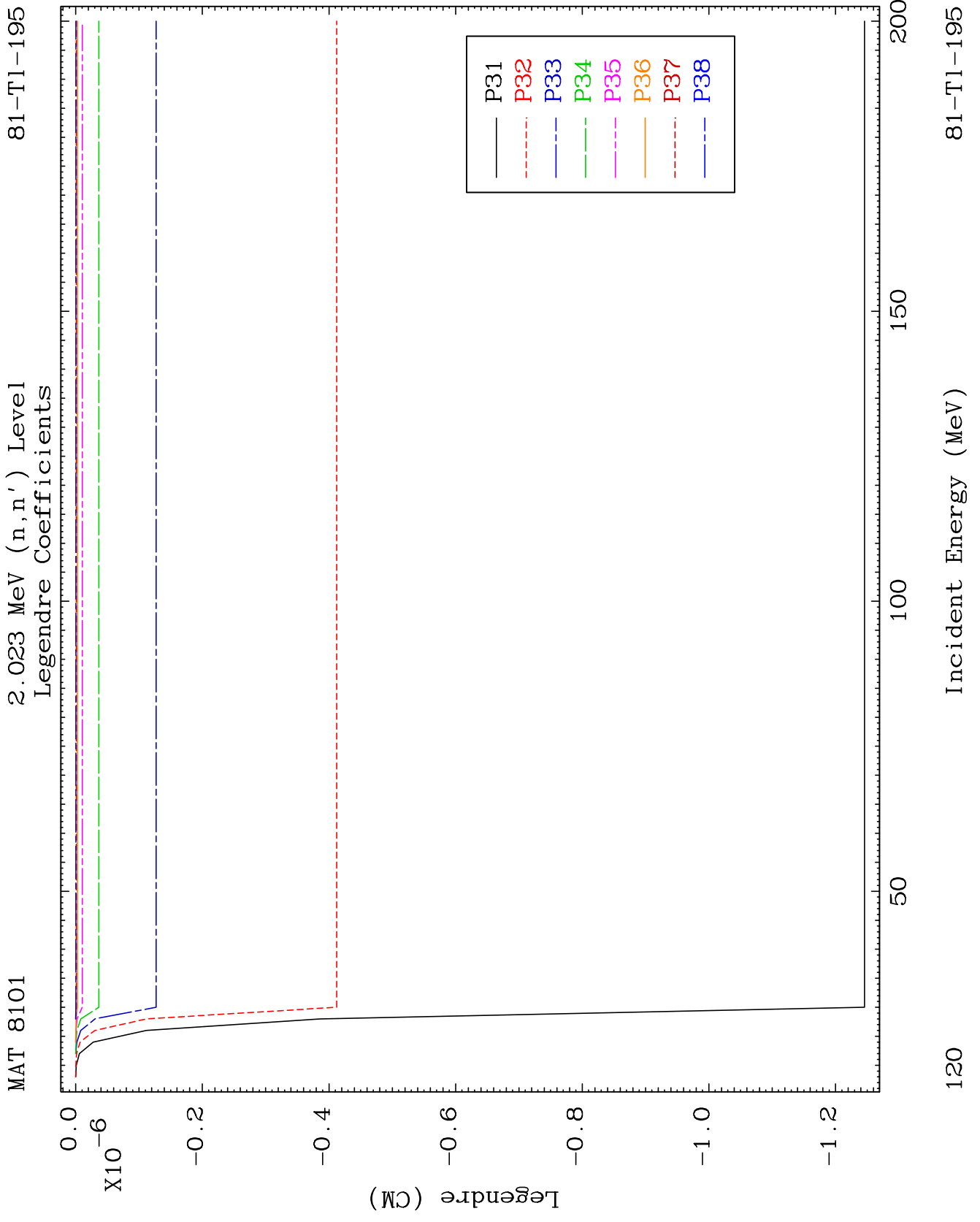
118

Incident Energy (MeV)

81-T1-195



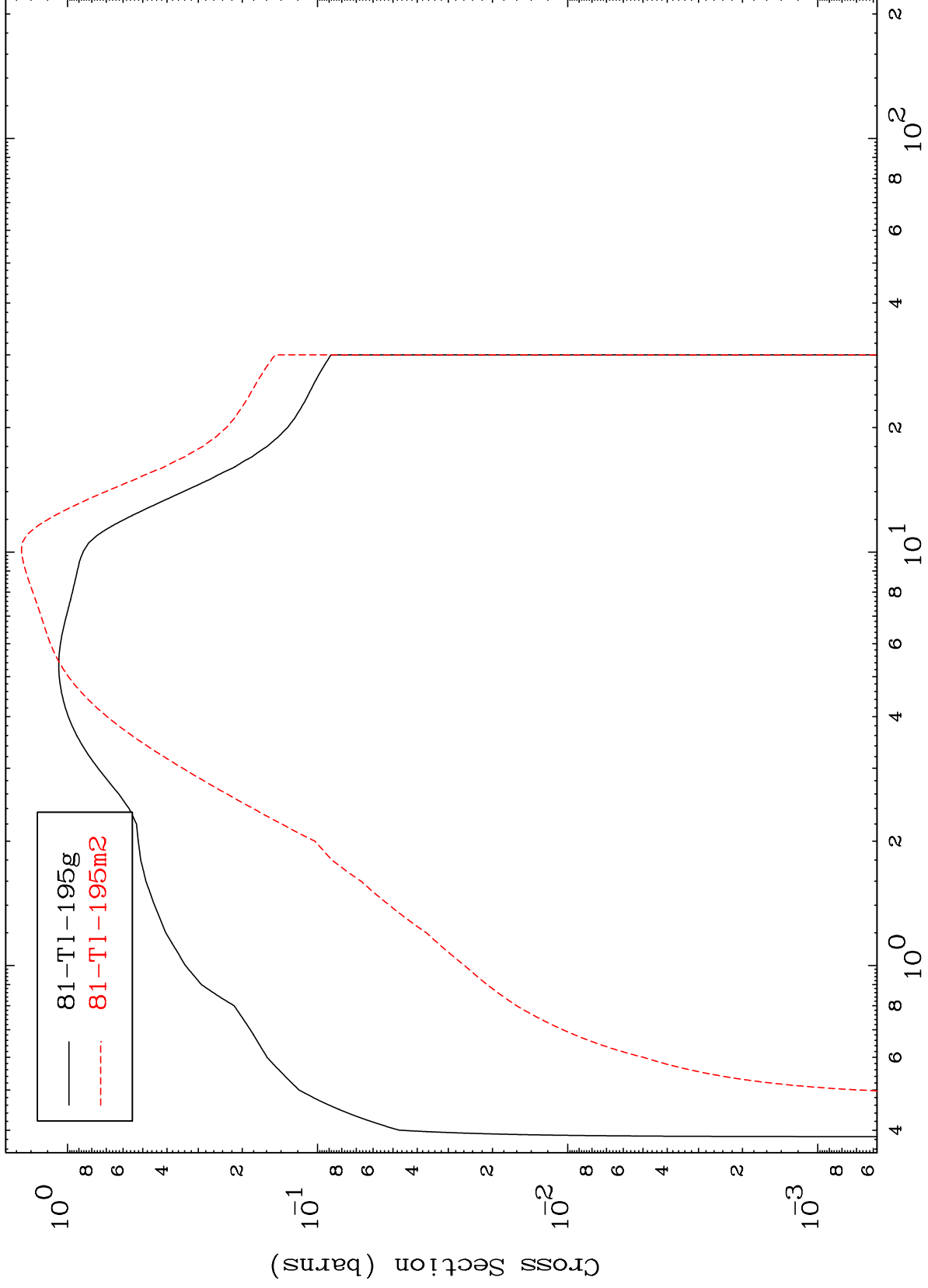




MAT 8101

81-Tl-195

Inelastic  
Radionuclide Production Cross Section



121

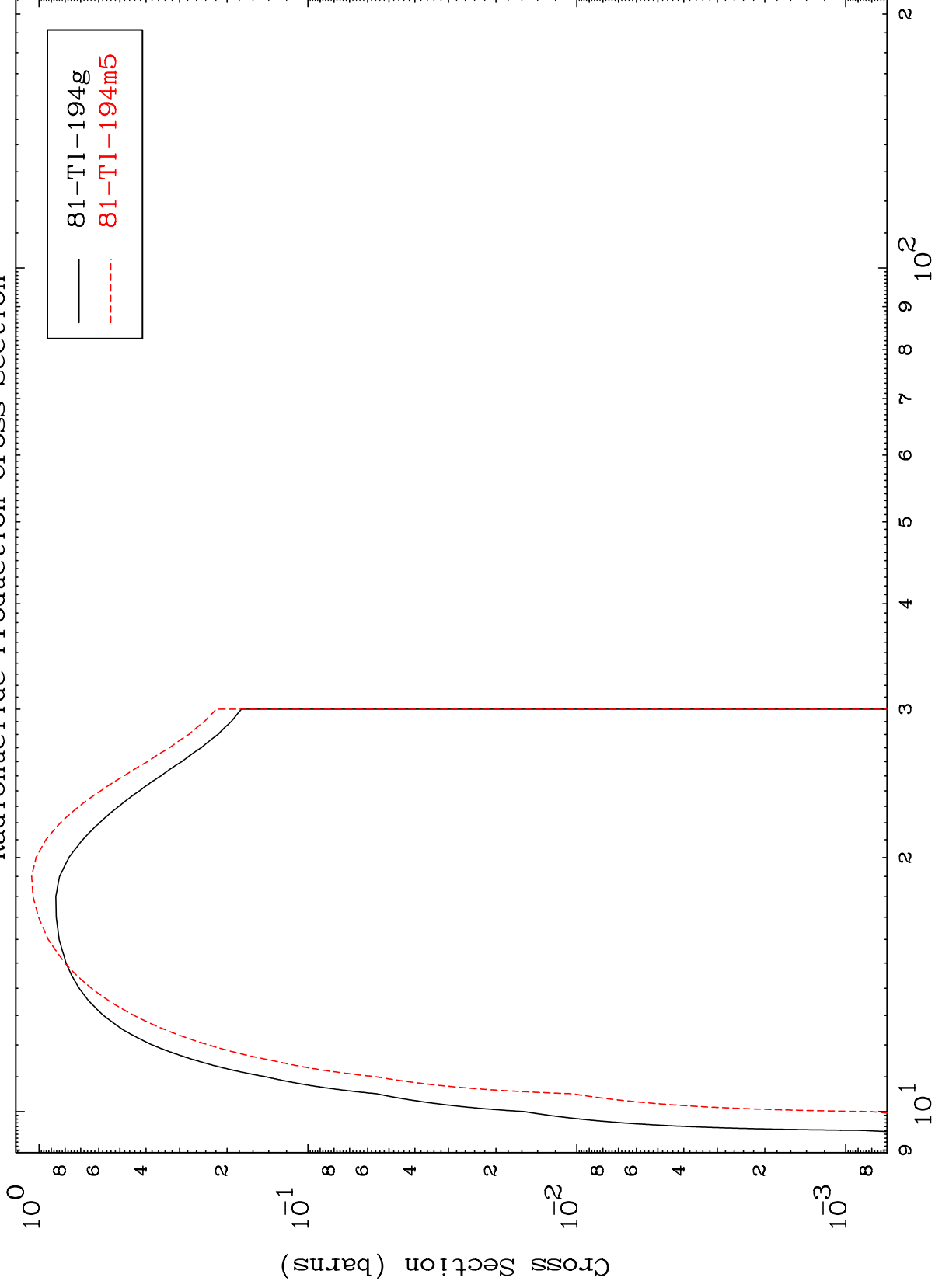
Incident Energy (MeV)

81-Tl-195

MAT 8101

81-Tl-195

(n,2n)  
Radionuclide Production Cross Section



81-Tl-195

Incident Energy (MeV)

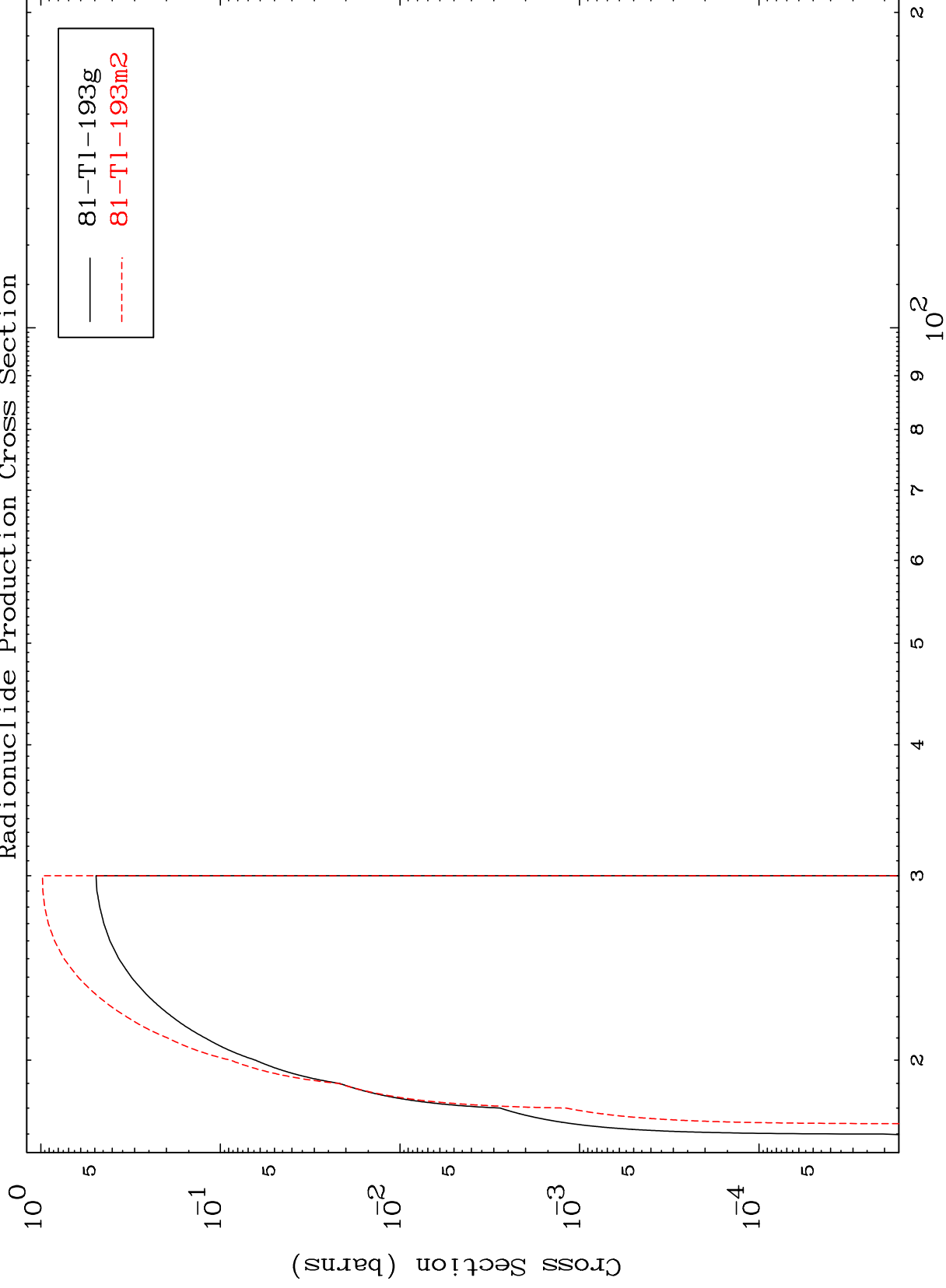
122

MAT 8101

(n,3n)

81-Tl-195

Radionuclide Production Cross Section



123

Incident Energy (MeV)

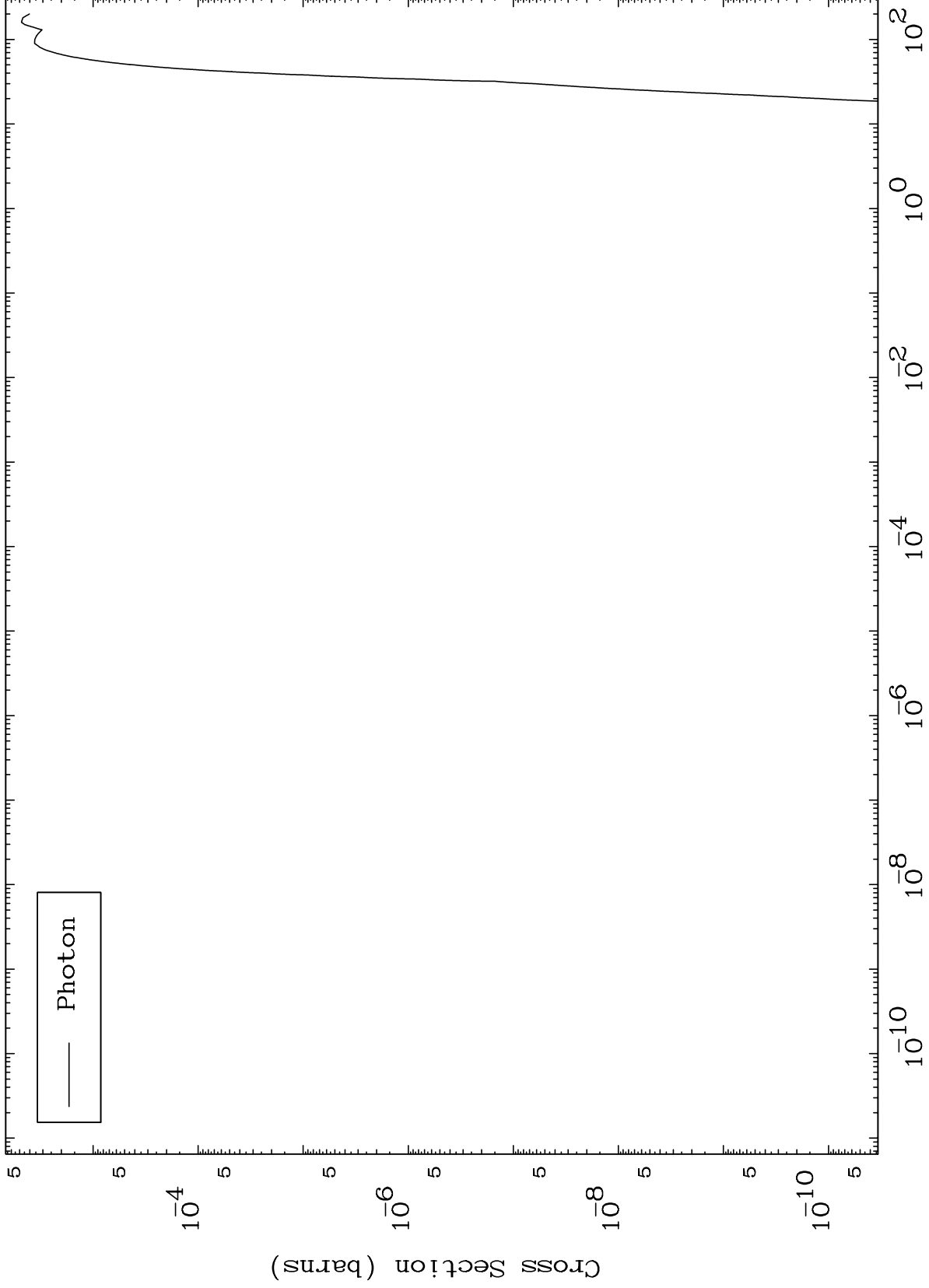
81-Tl-195

MAT 8101

Fission

81-Tl-195

Radionuclide Production Cross Section



124

Incident Energy (MeV)

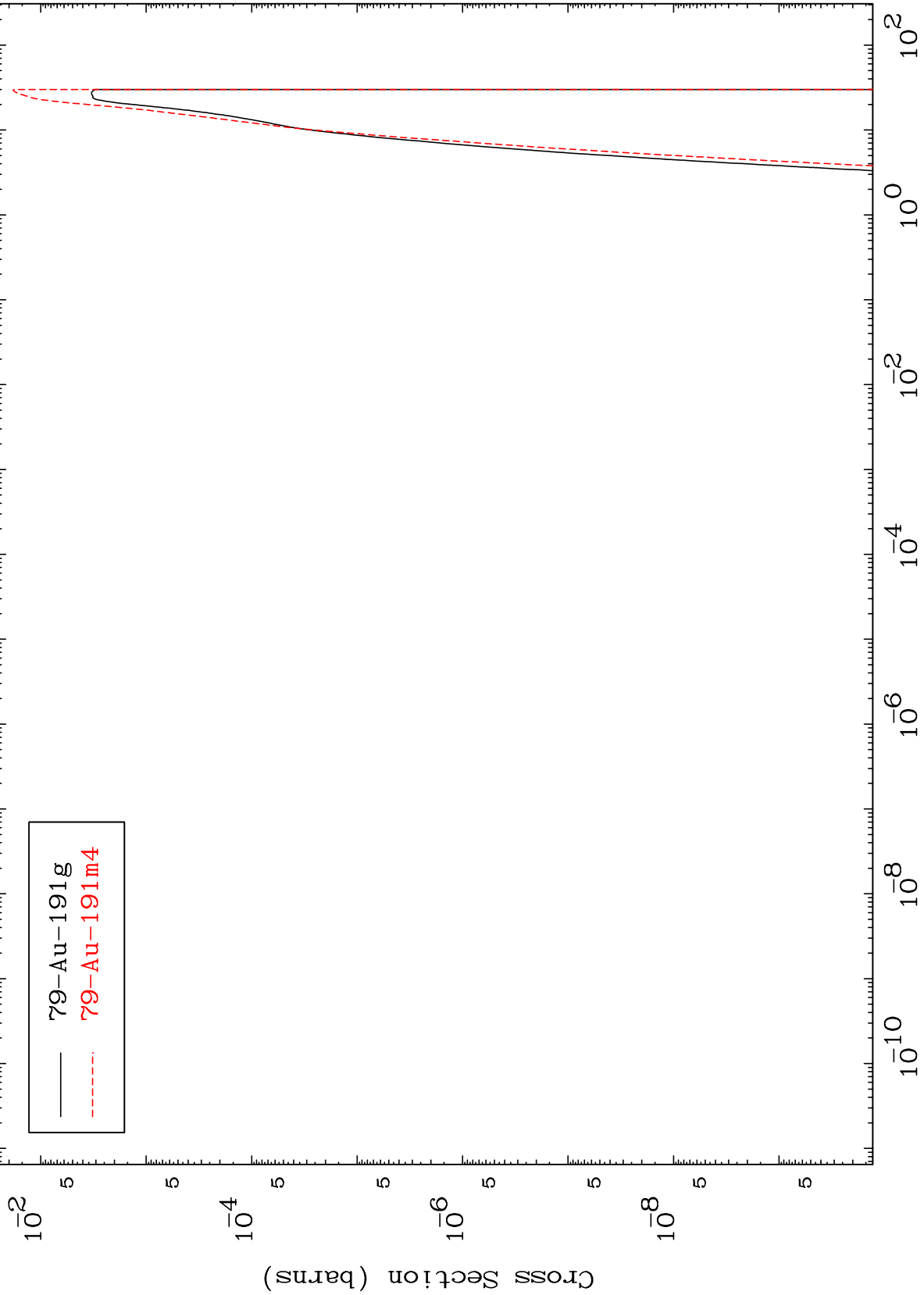
81-Tl-195

MAT 8101

$(n, n') \alpha$

81-Tl-195

Radionuclide Production Cross Section



125

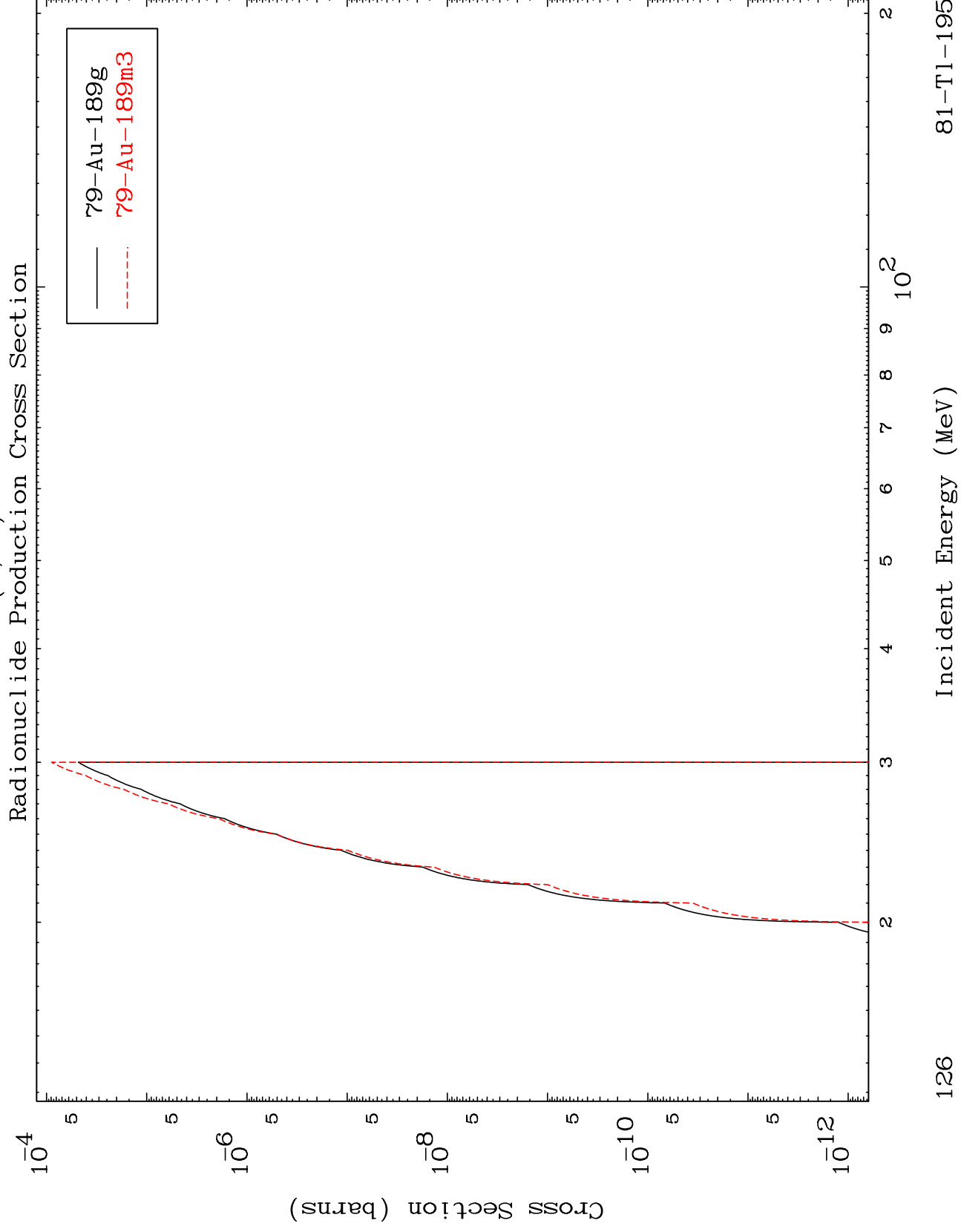
Incident Energy (MeV)

81-Tl-195

MAT 8101

(n,3n)  $\alpha$

81-Tl-195



126

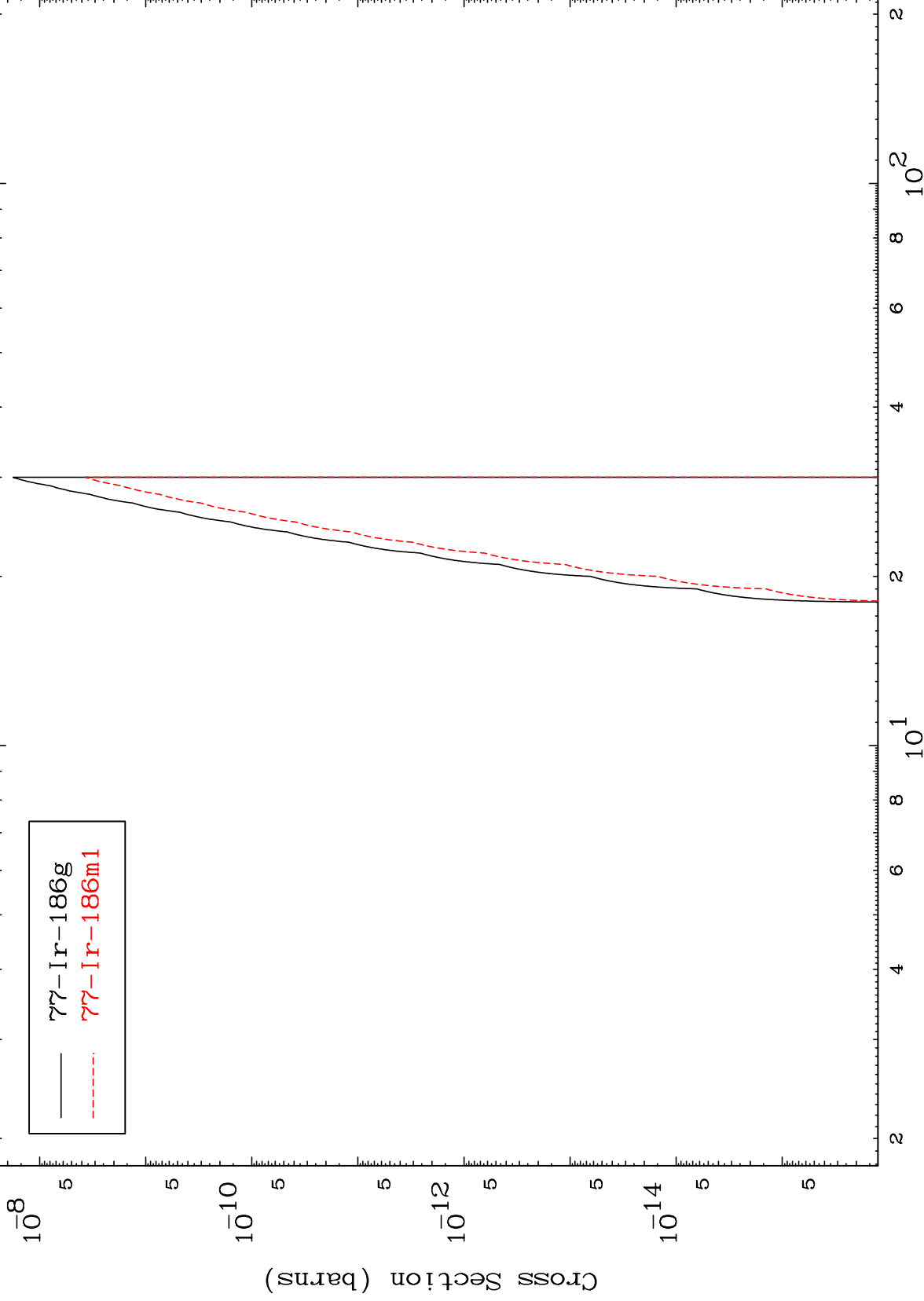
81-Tl-195

MAT 8101

(n,2n) 2α

81-Tl-195

Radionuclide Production Cross Section



— <sup>77</sup>Ir-186g  
- - - <sup>77</sup>Ir-186m1

127

Incident Energy (MeV)

81-Tl-195

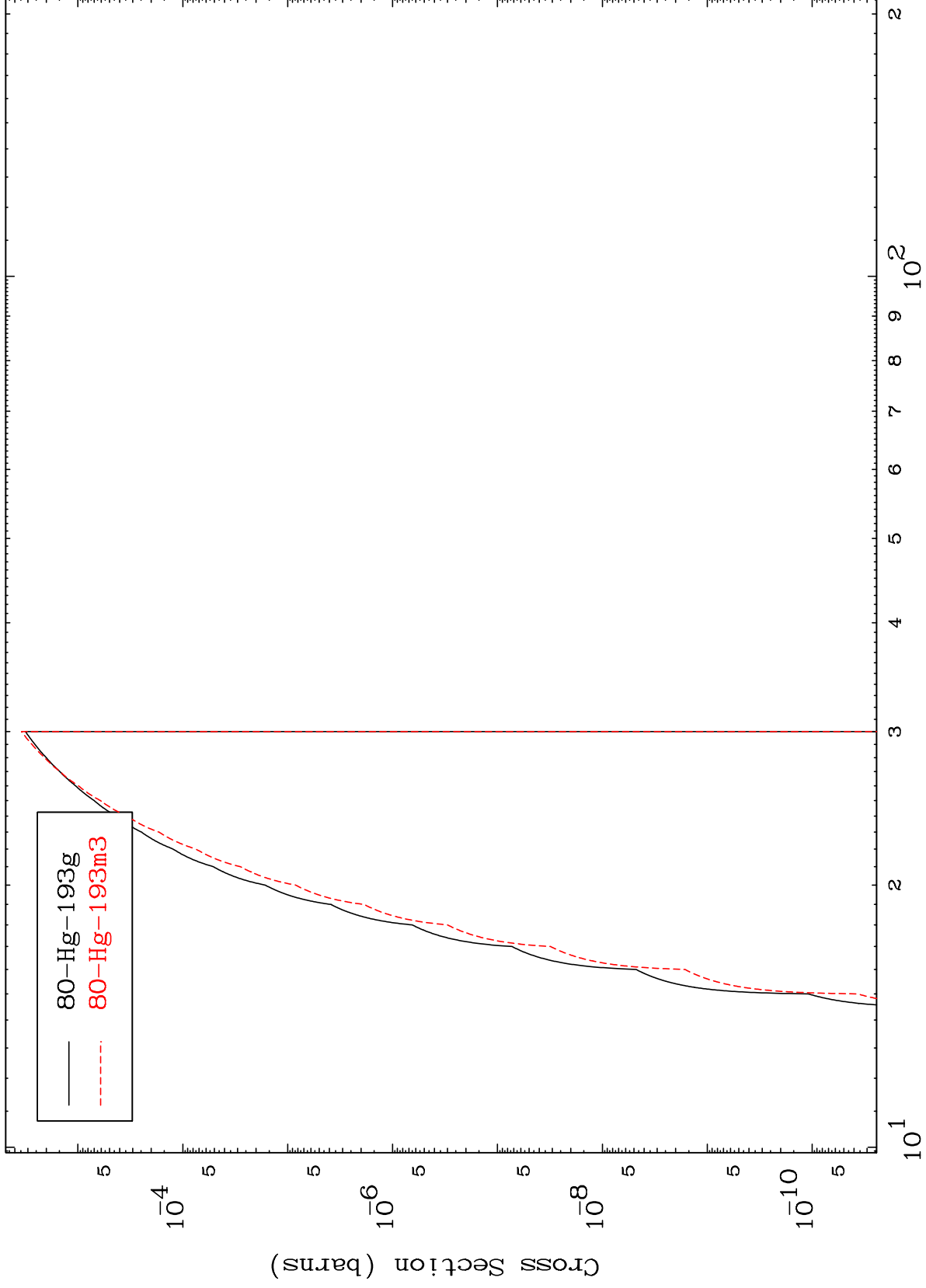


MAT 8101

(n,n') d

81-Tl-195

Radionuclide Production Cross Section



128

Incident Energy (MeV)

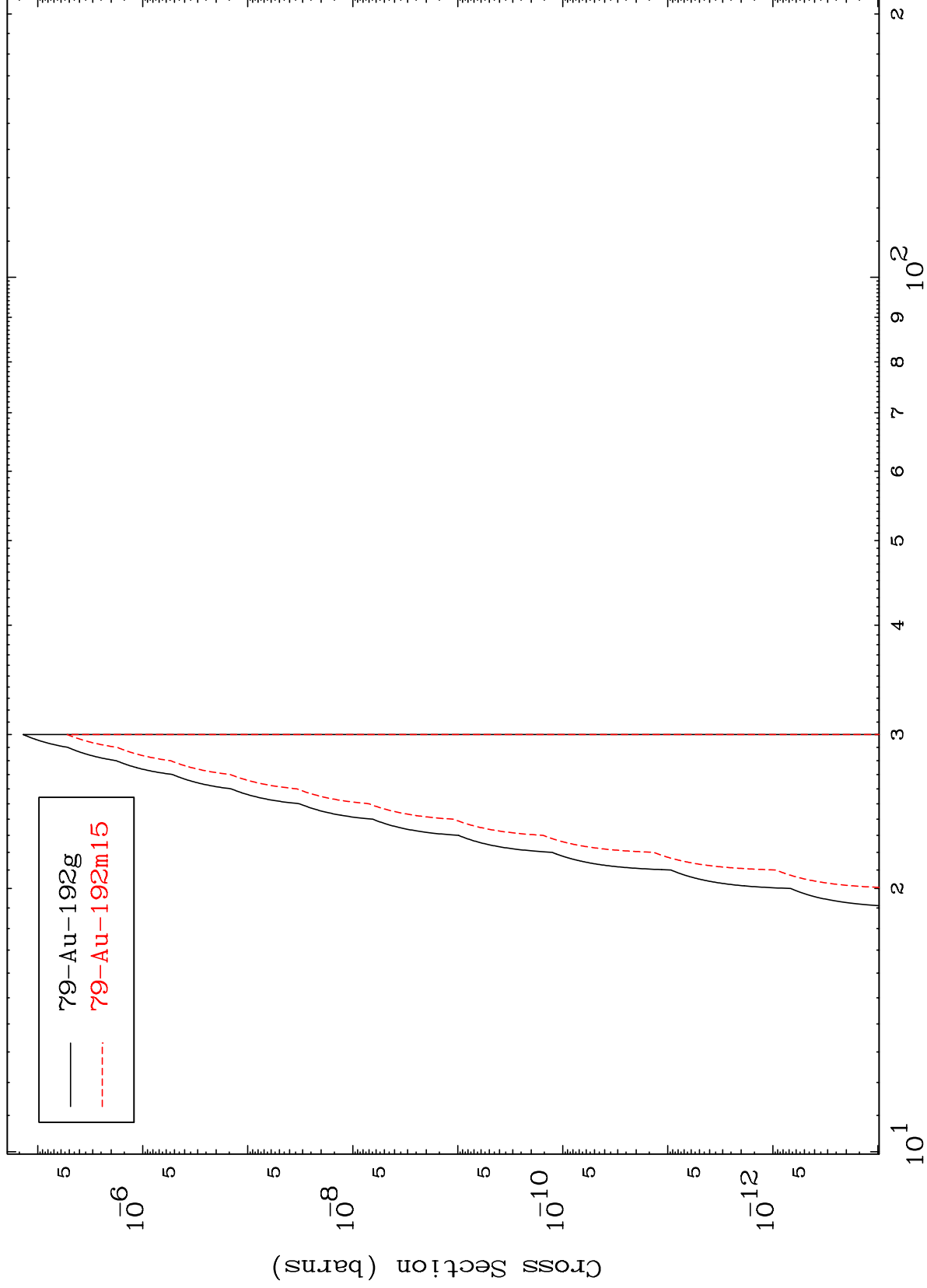
81-Tl-195

MAT 8101

(n,n') He-3

81-Tl-195

Radionuclide Production Cross Section



129

Incident Energy (MeV)

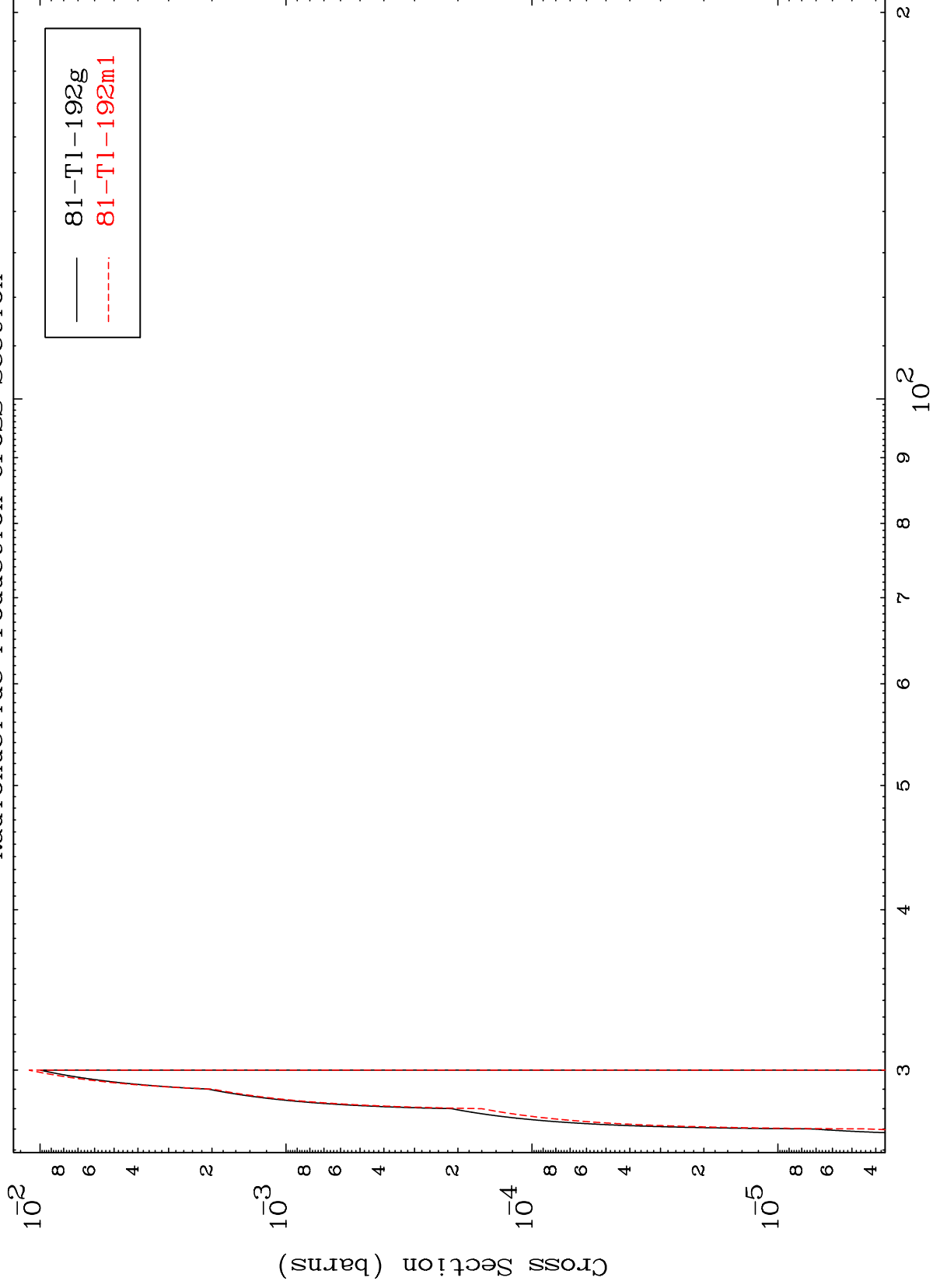
81-Tl-195

MAT 8101

(n,4n)

81-Tl-195

Radionuclide Production Cross Section



130

Incident Energy (MeV)

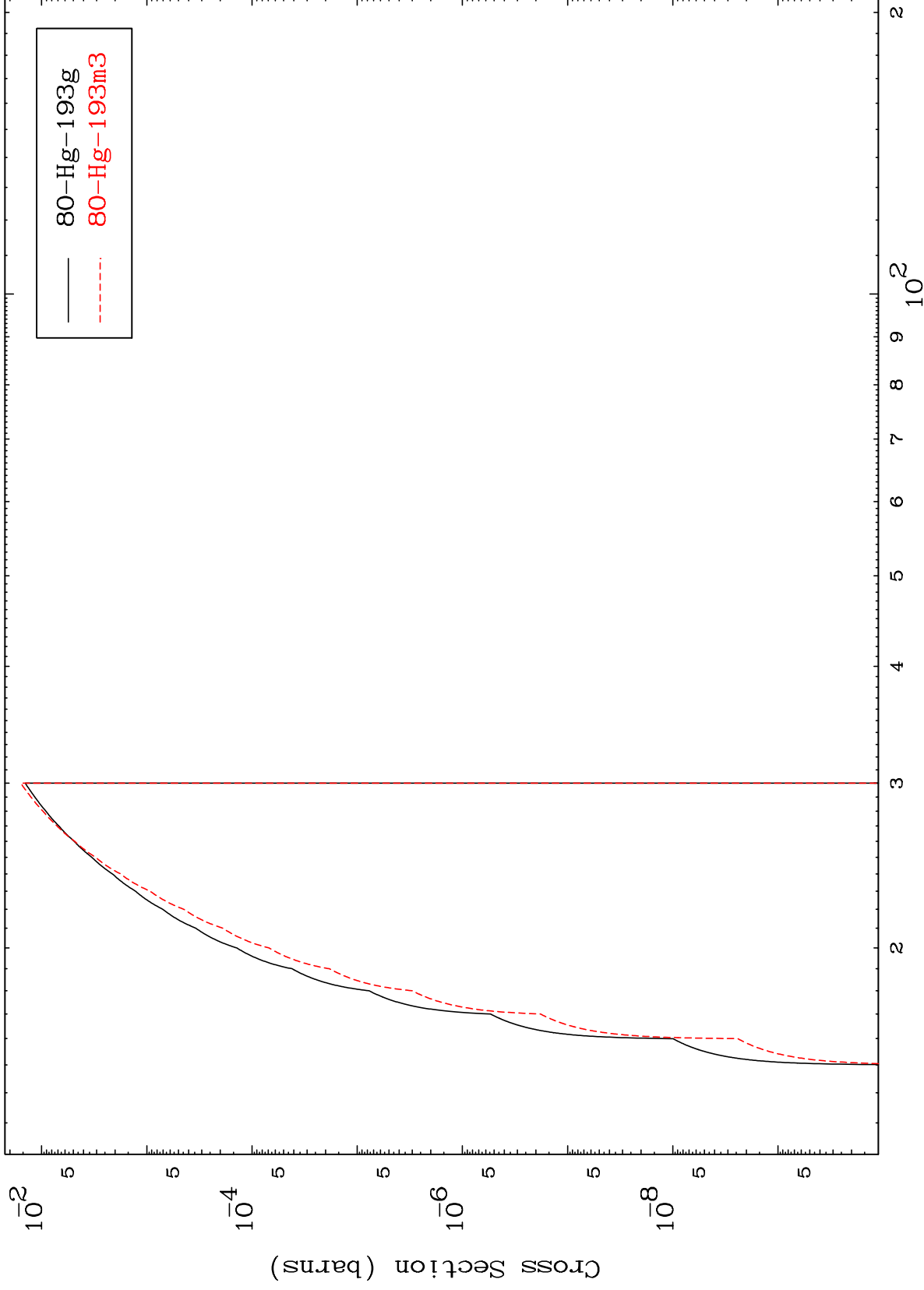
81-Tl-195

MAT 8101

(n,2n) p

81-Tl-195

Radionuclide Production Cross Section



131

Incident Energy (MeV)

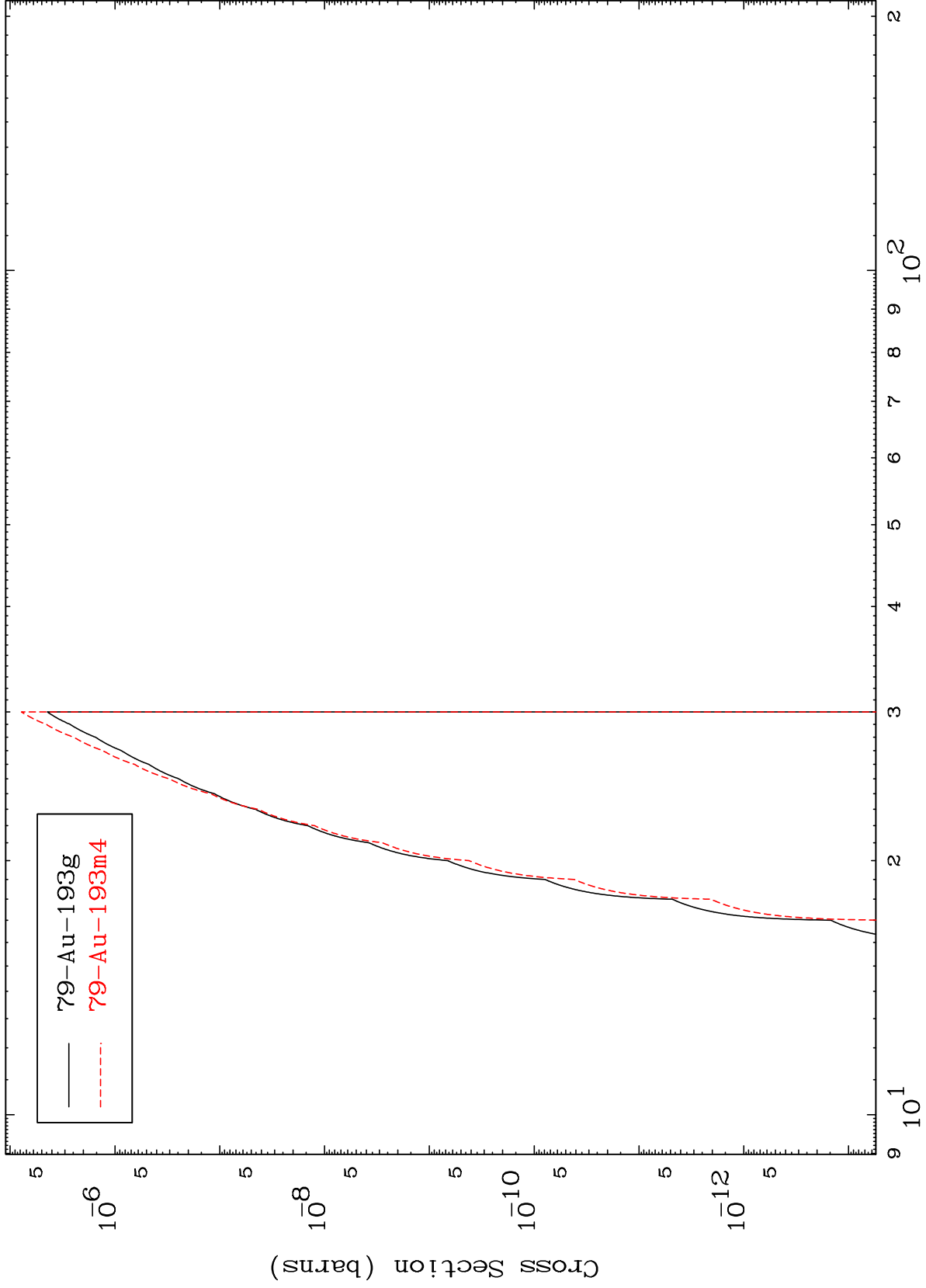
81-Tl-195

MAT 8101

(n,2n) p

81-Tl-195

Radionuclide Production Cross Section



Incident Energy (MeV)

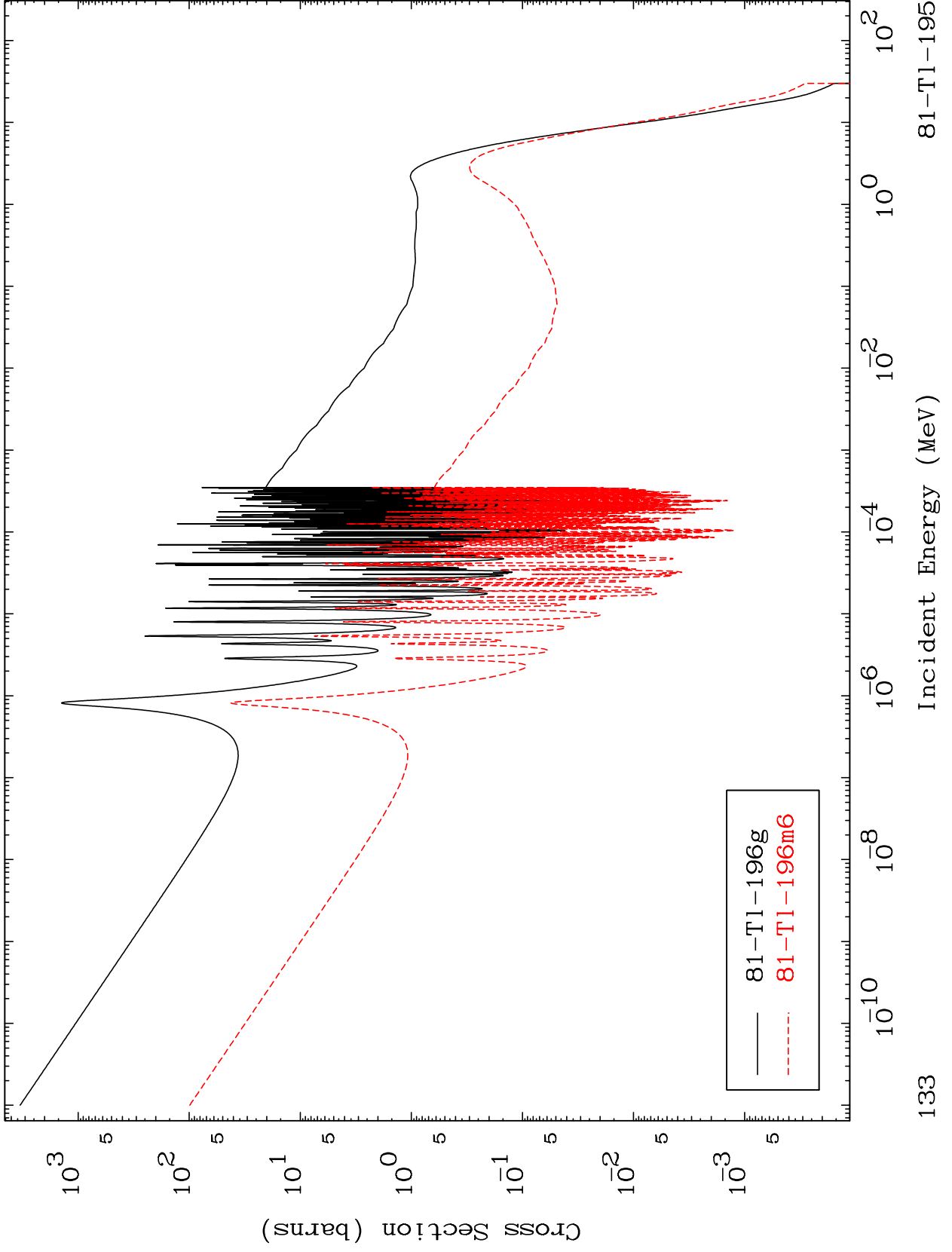
81-Tl-195

132

MAT 8101

81-Tl-195

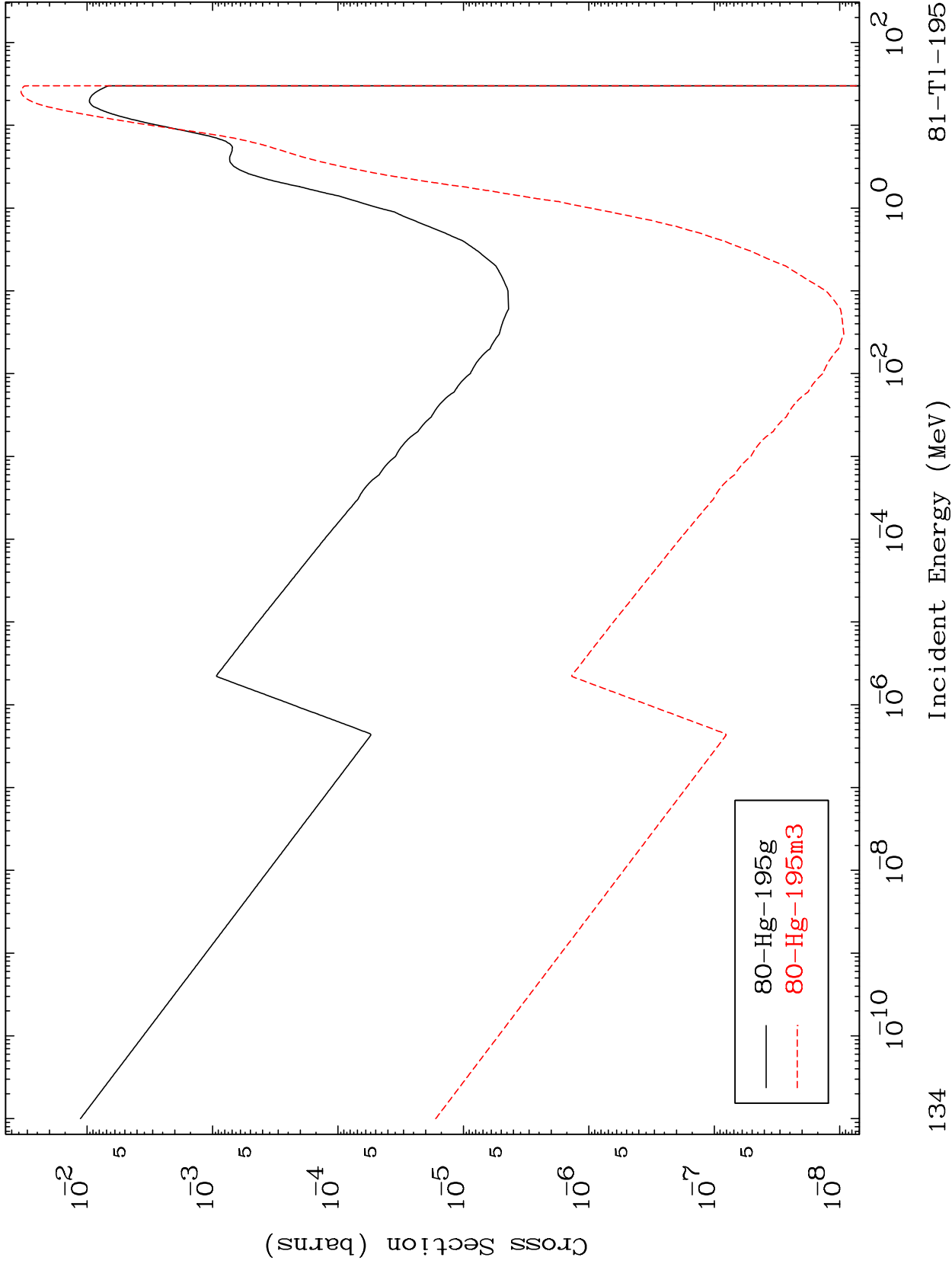
$(n, \gamma)$   
Radionuclide Production Cross Section



MAT 8101

81-Tl-195

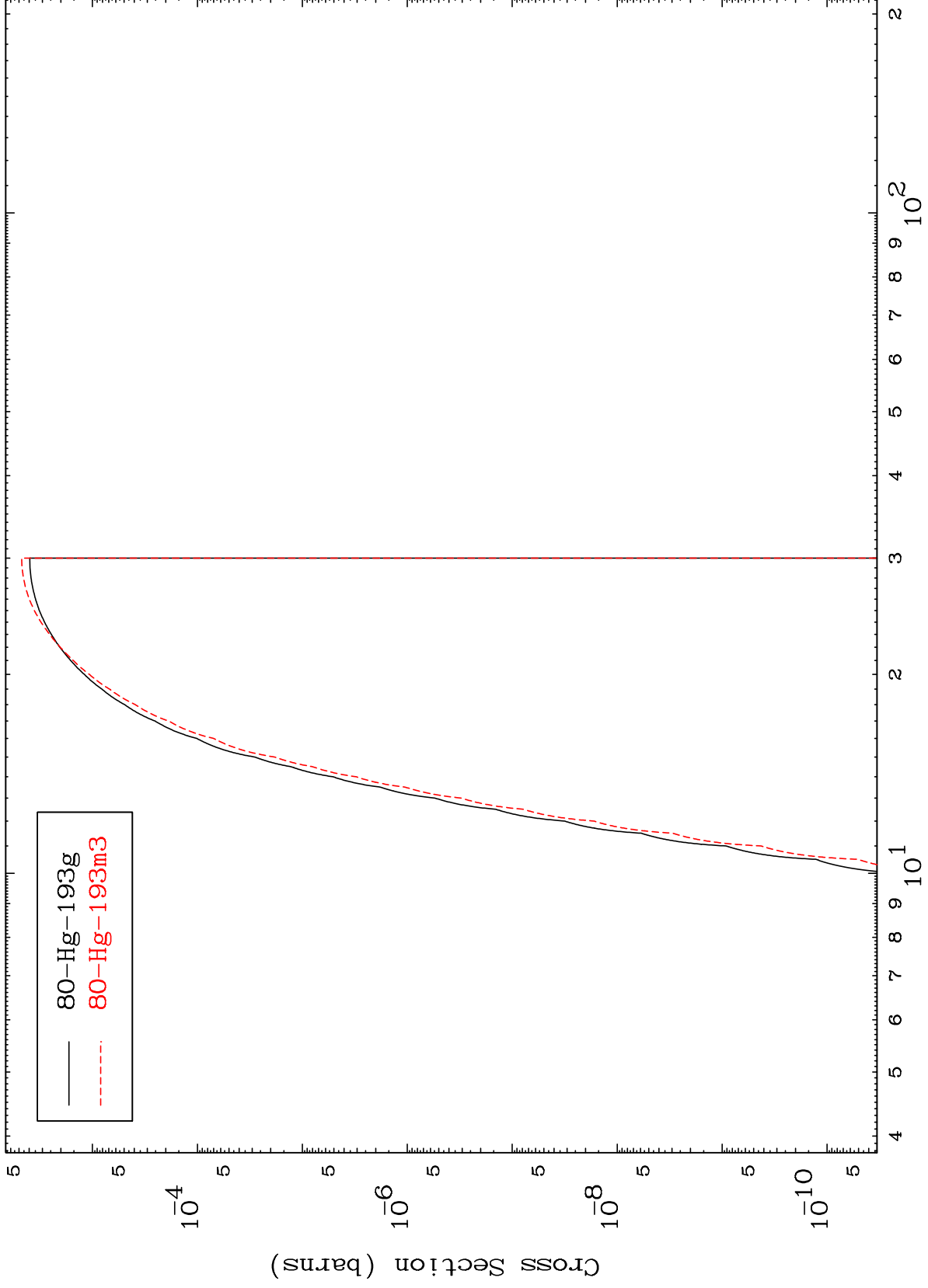
(n,p)  
Radionuclide Production Cross Section



MAT 8101

81-T1-195

(n, t)  
Radionuclide Production Cross Section



135

Incident Energy (MeV)

81-T1-195

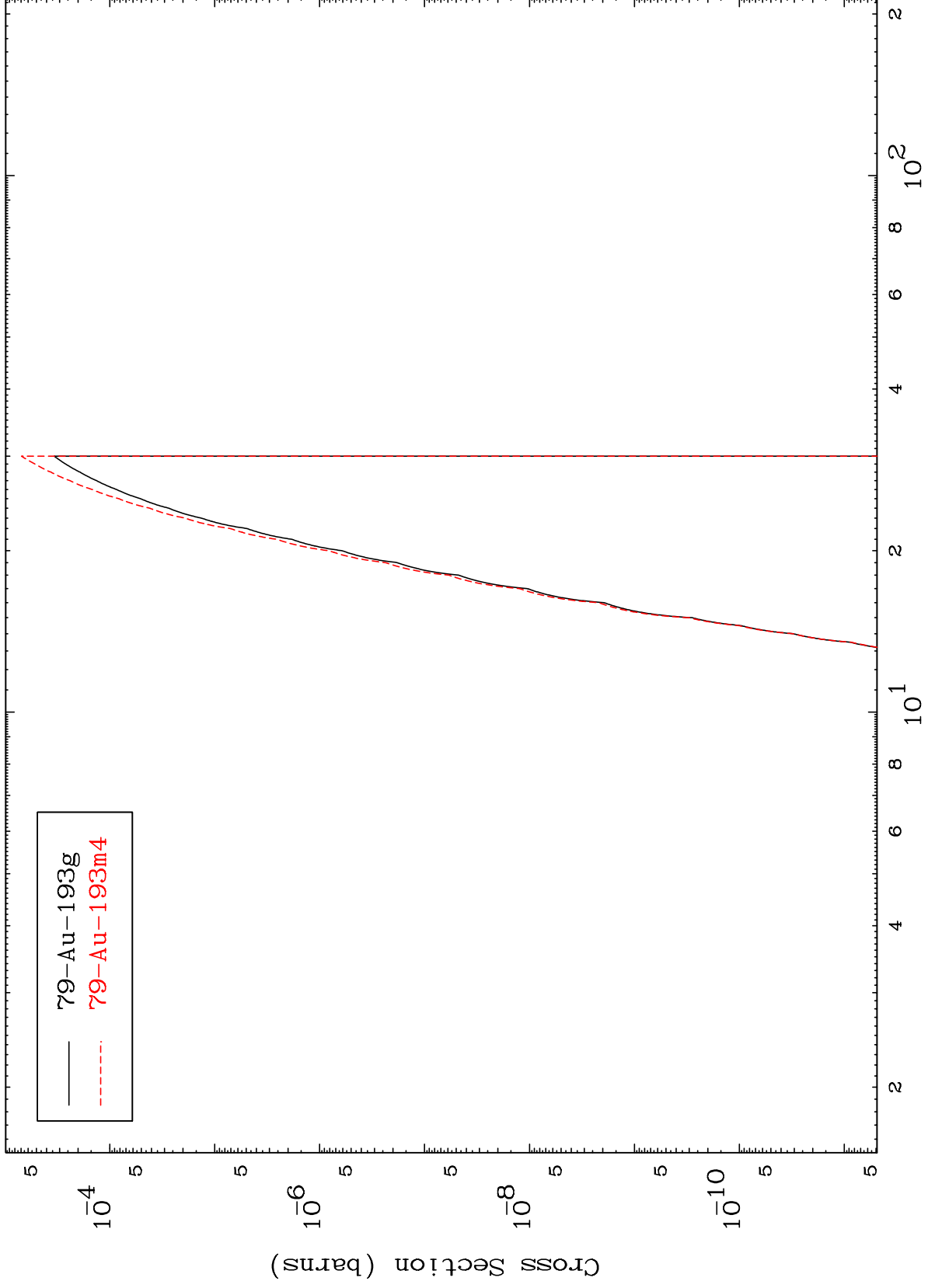


MAT 8101

(n,He-3)

81-Tl-195

Radionuclide Production Cross Section



136

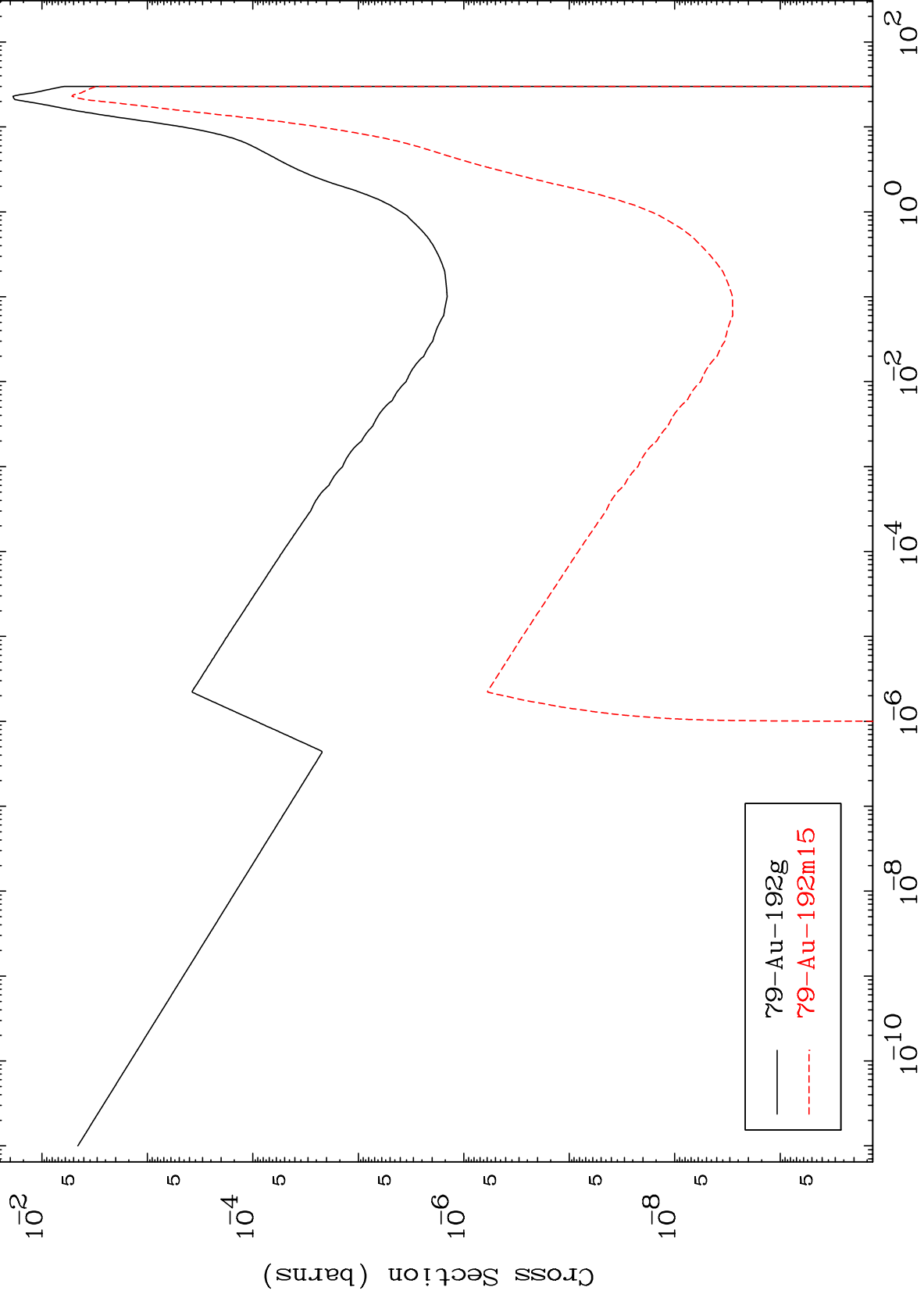
Incident Energy (MeV)

81-Tl-195

MAT 8101

81-Tl-195

Radionuclide Production Cross Section  
(n,  $\alpha$ )

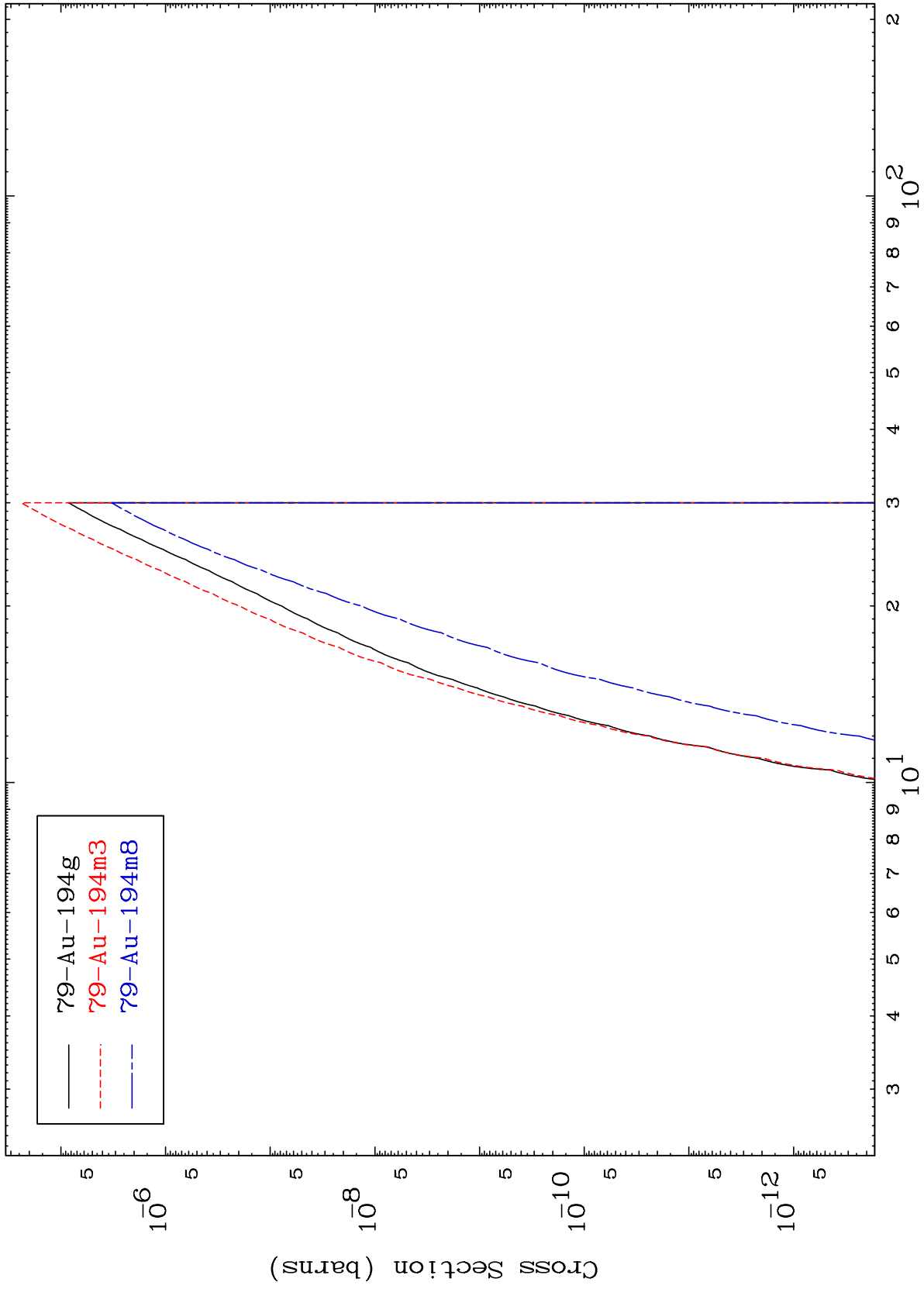


137

81-Tl-195

Incident Energy (MeV)

Radionuclide Production Cross Section  
(n,2p)

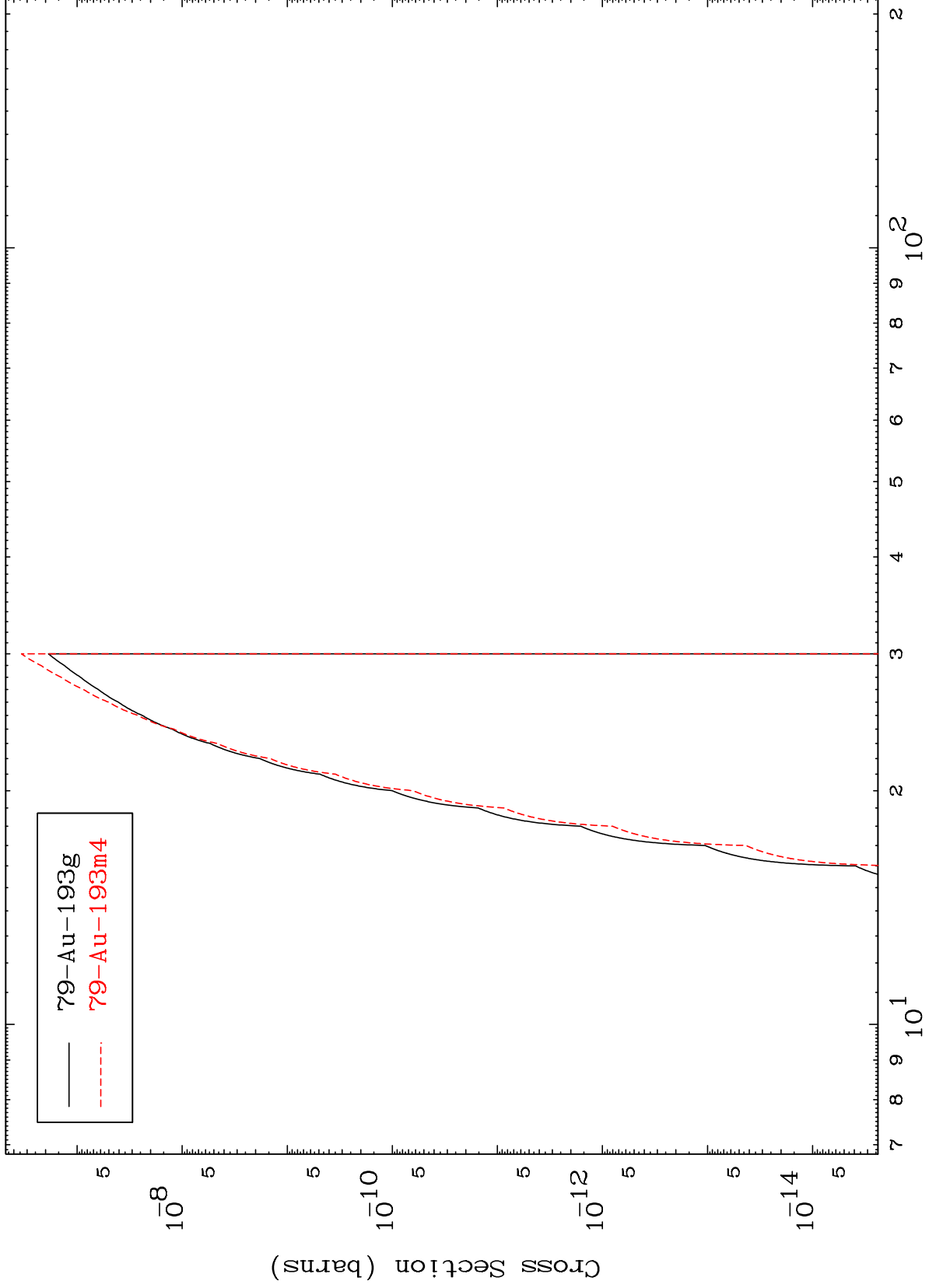


MAT 8101

(n,p) d

81-Tl-195

Radionuclide Production Cross Section



139

Incident Energy (MeV)

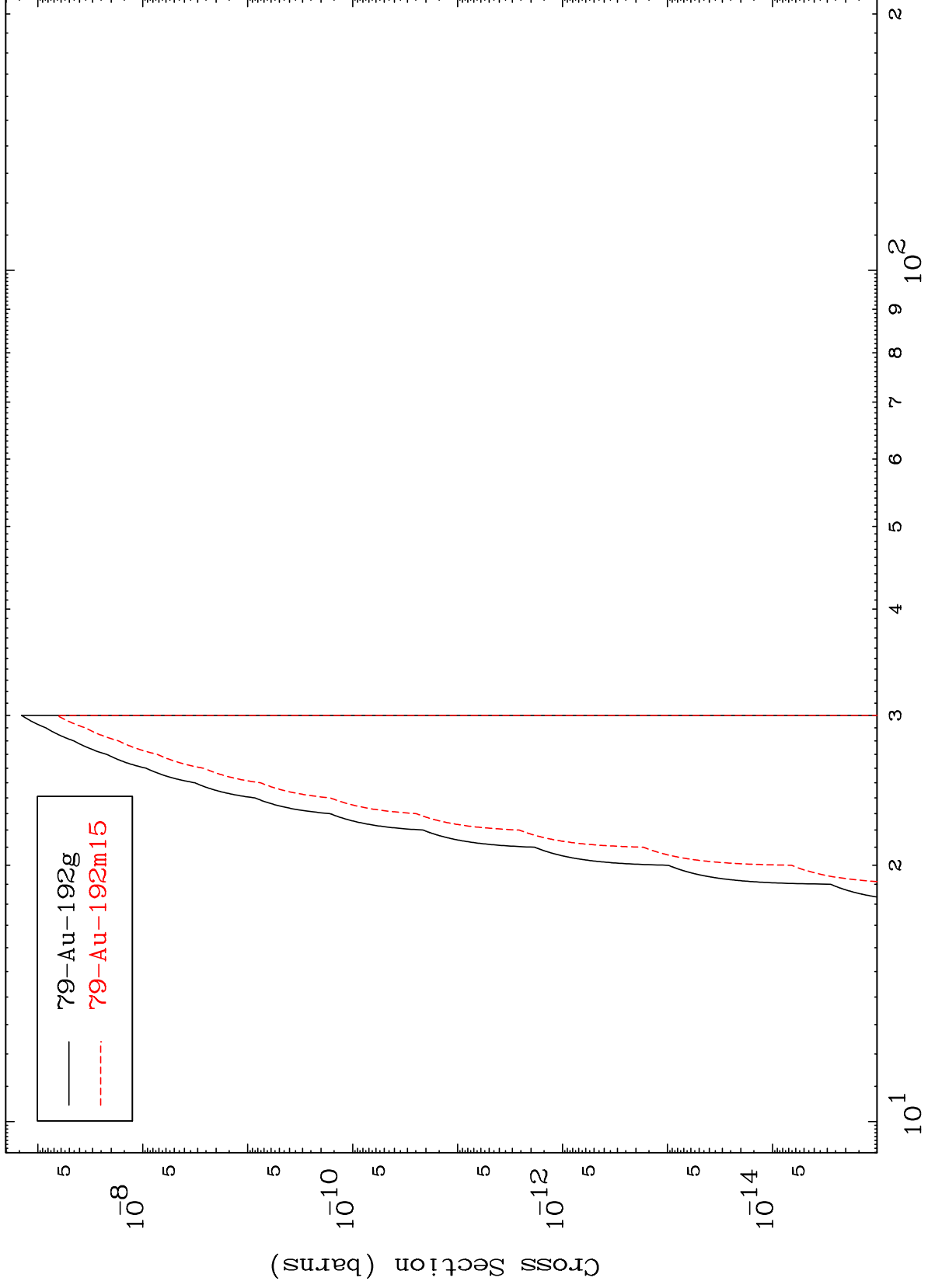
81-Tl-195

MAT 8101

(n,p) t

81-Tl-195

Radionuclide Production Cross Section



140

Incident Energy (MeV)

81-Tl-195