

Program EVALPLOT
(Version 2015-2)

by

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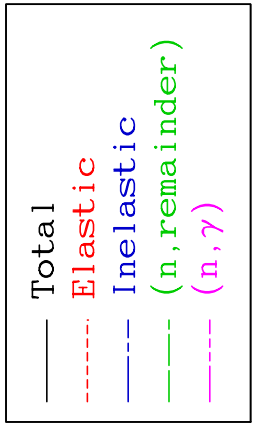
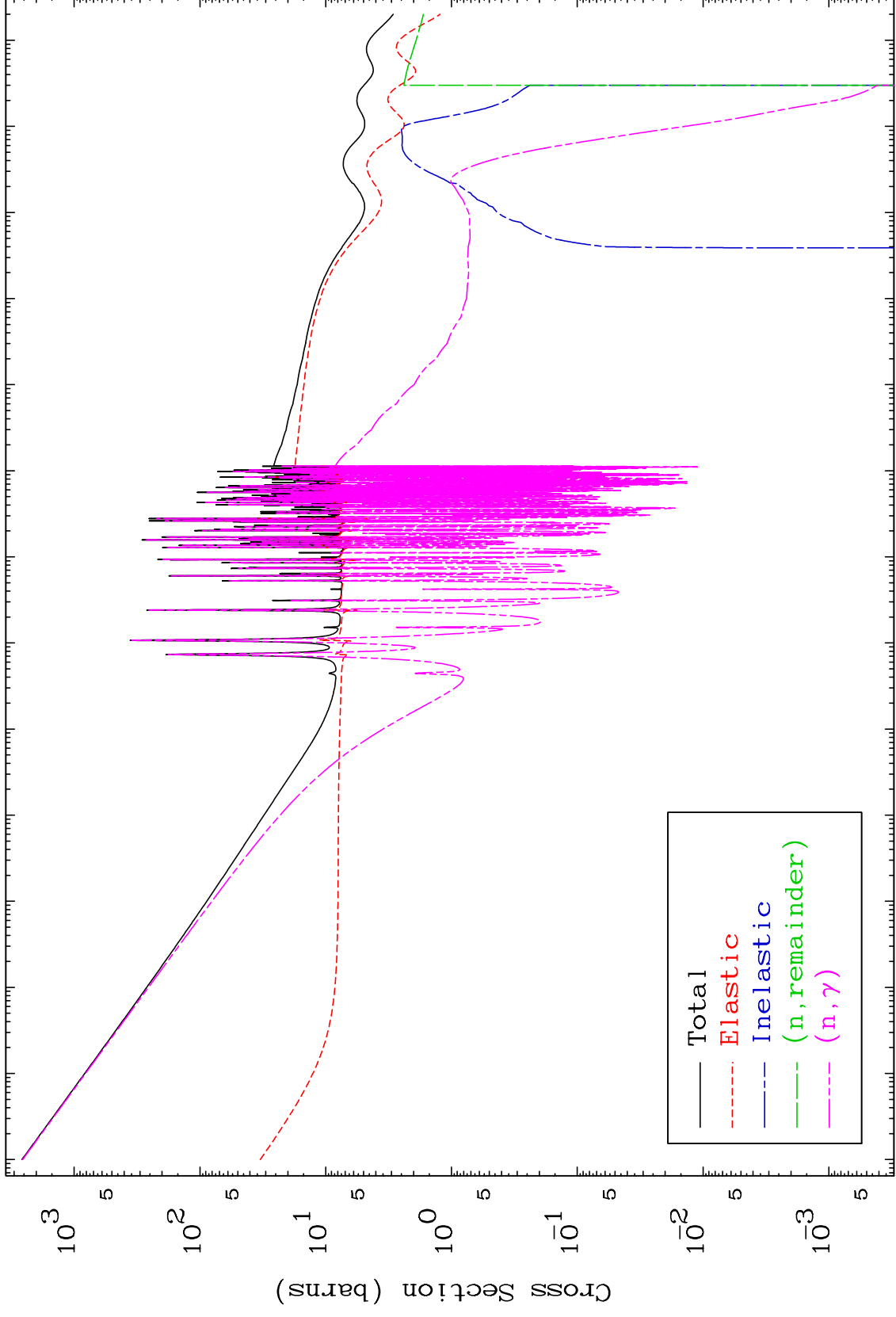
Press Mouse Button to Start

MAT 8107

Major

293 Kelvin Cross Sections

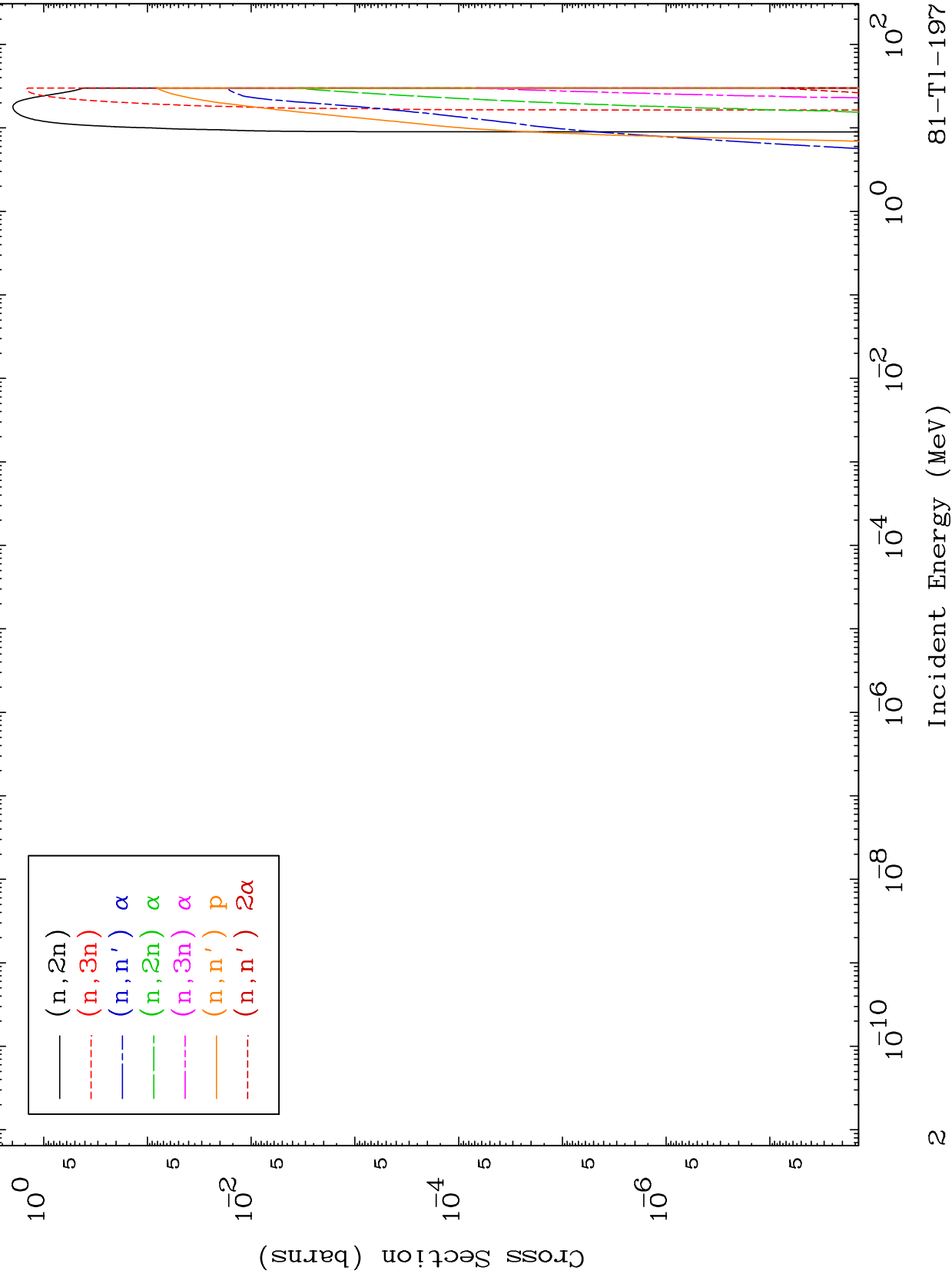
81-T1-197



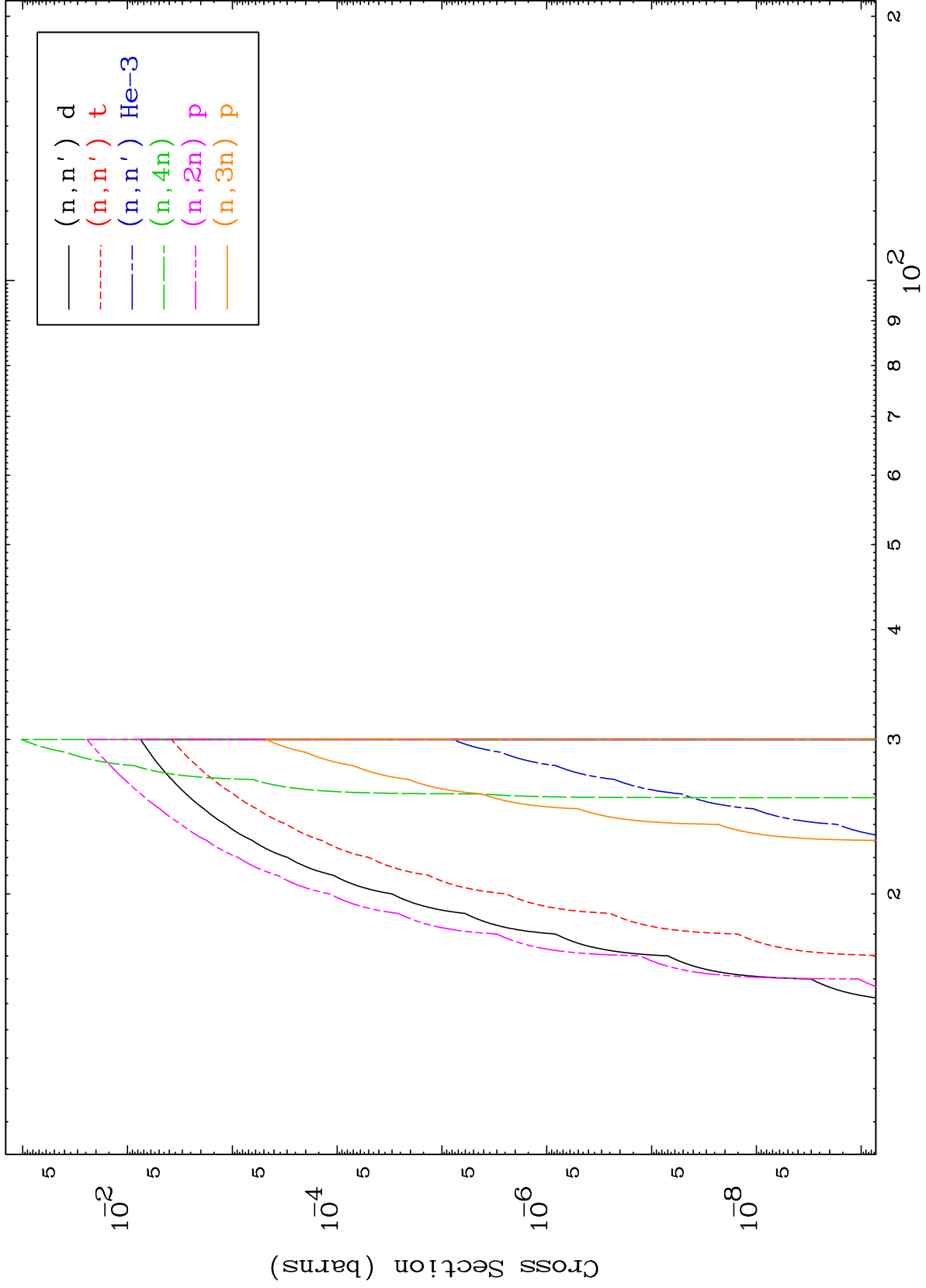
MAT 8107

Neutron Production
293 Kelvin Cross Sections

81-Tl-197



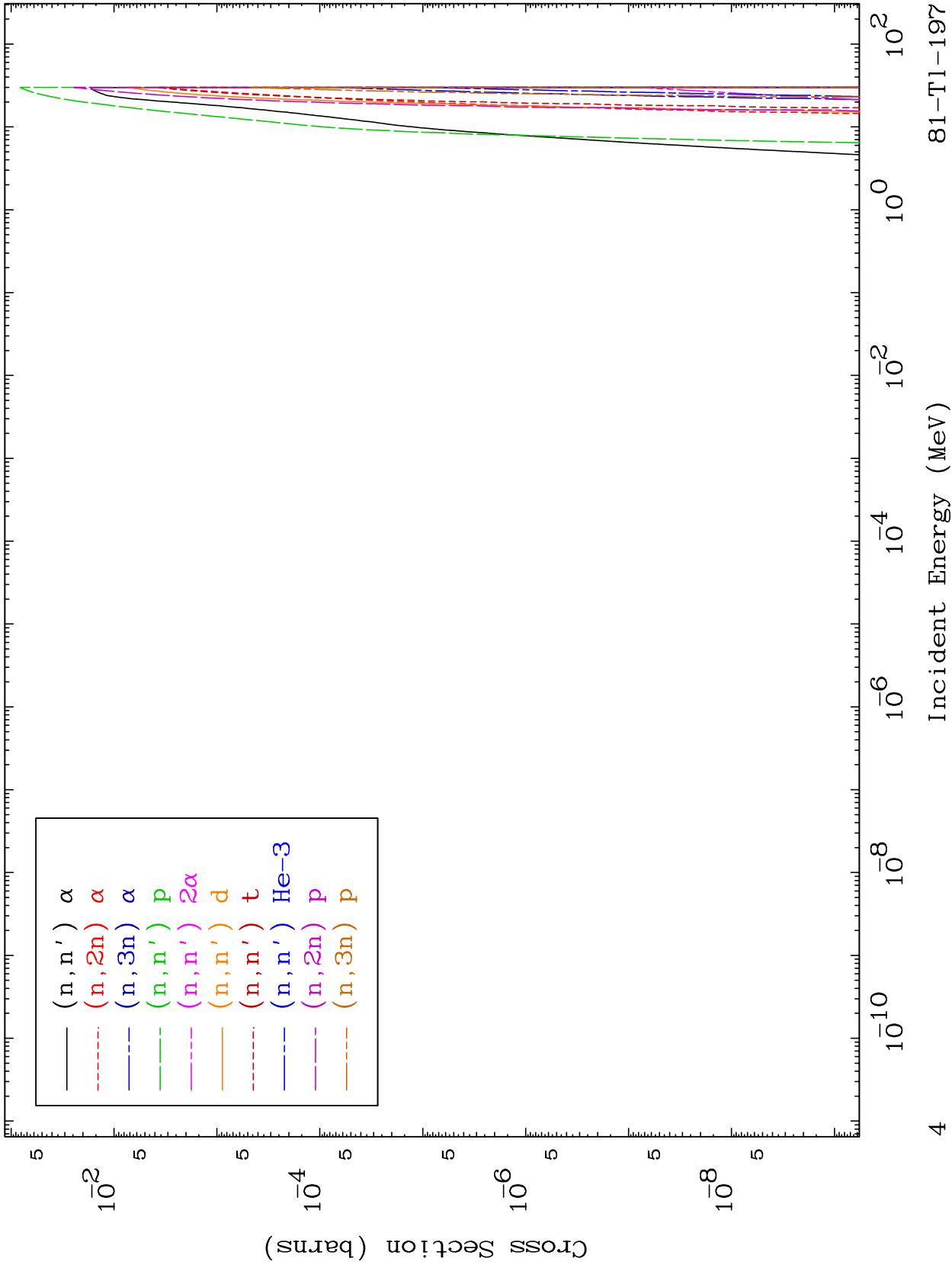
Neutron Production
293 Kelvin Cross Sections

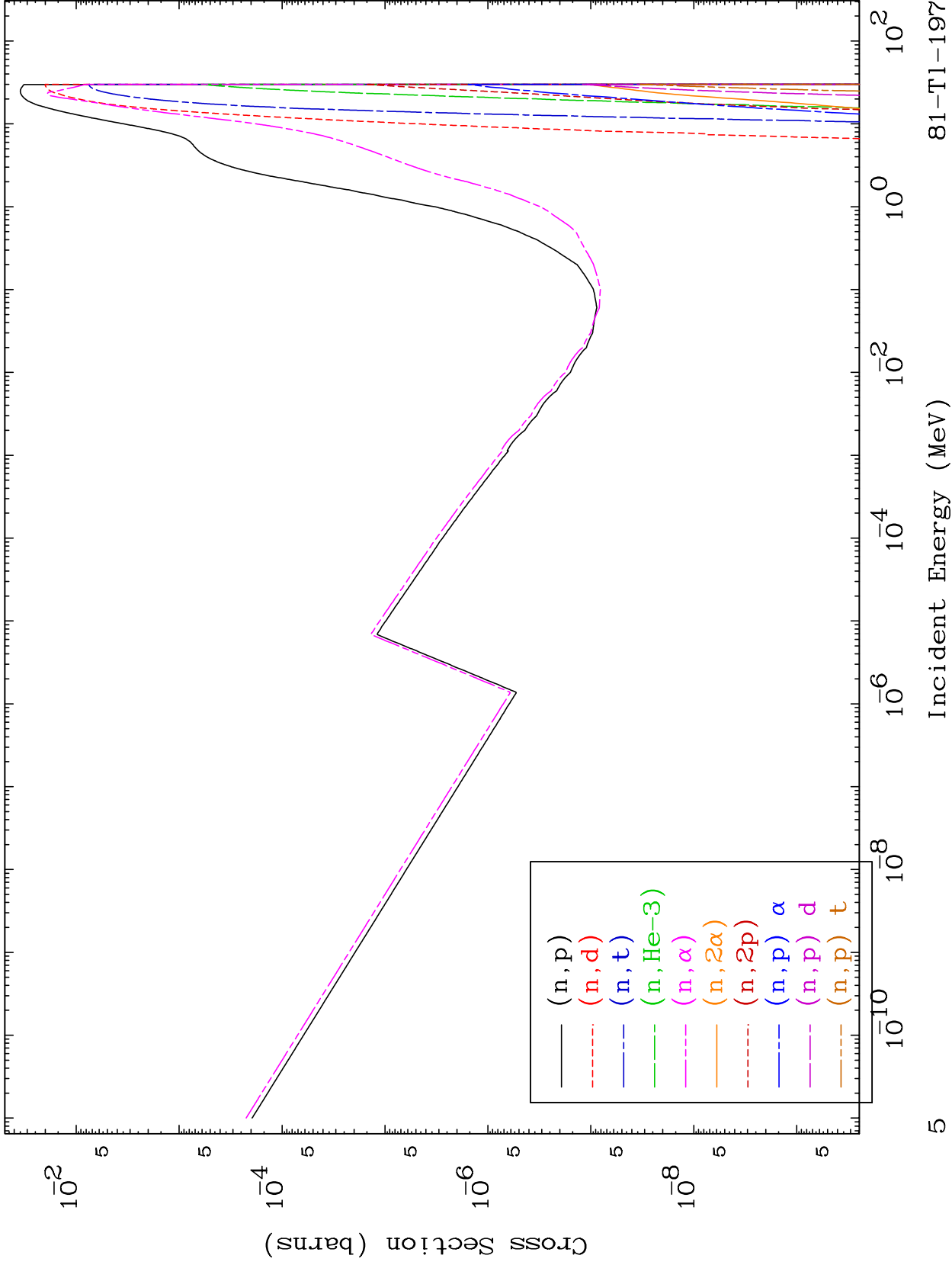


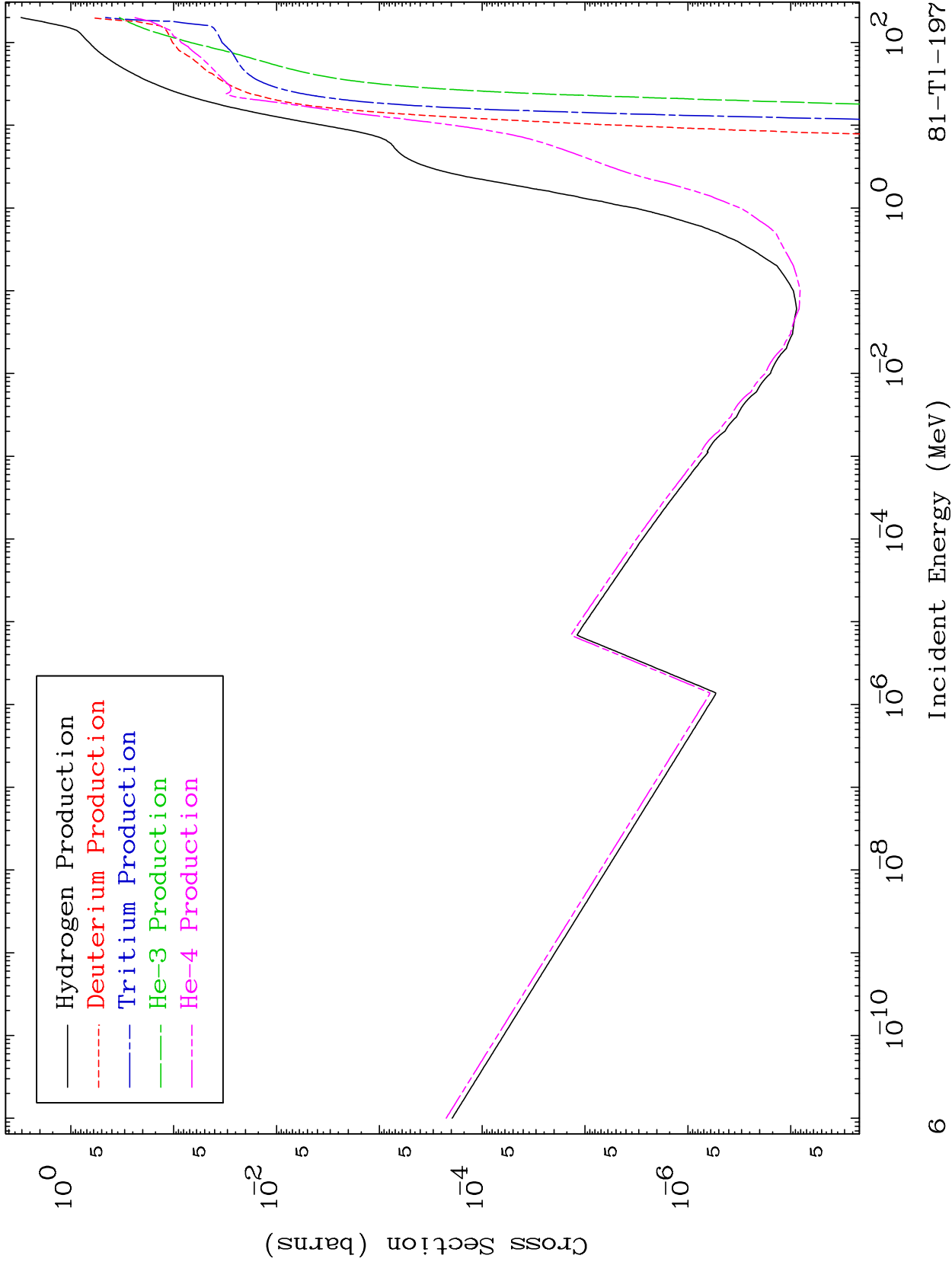
MAT 8107

Charged Particle
293 Kelvin Cross Sections

81-Tl-197



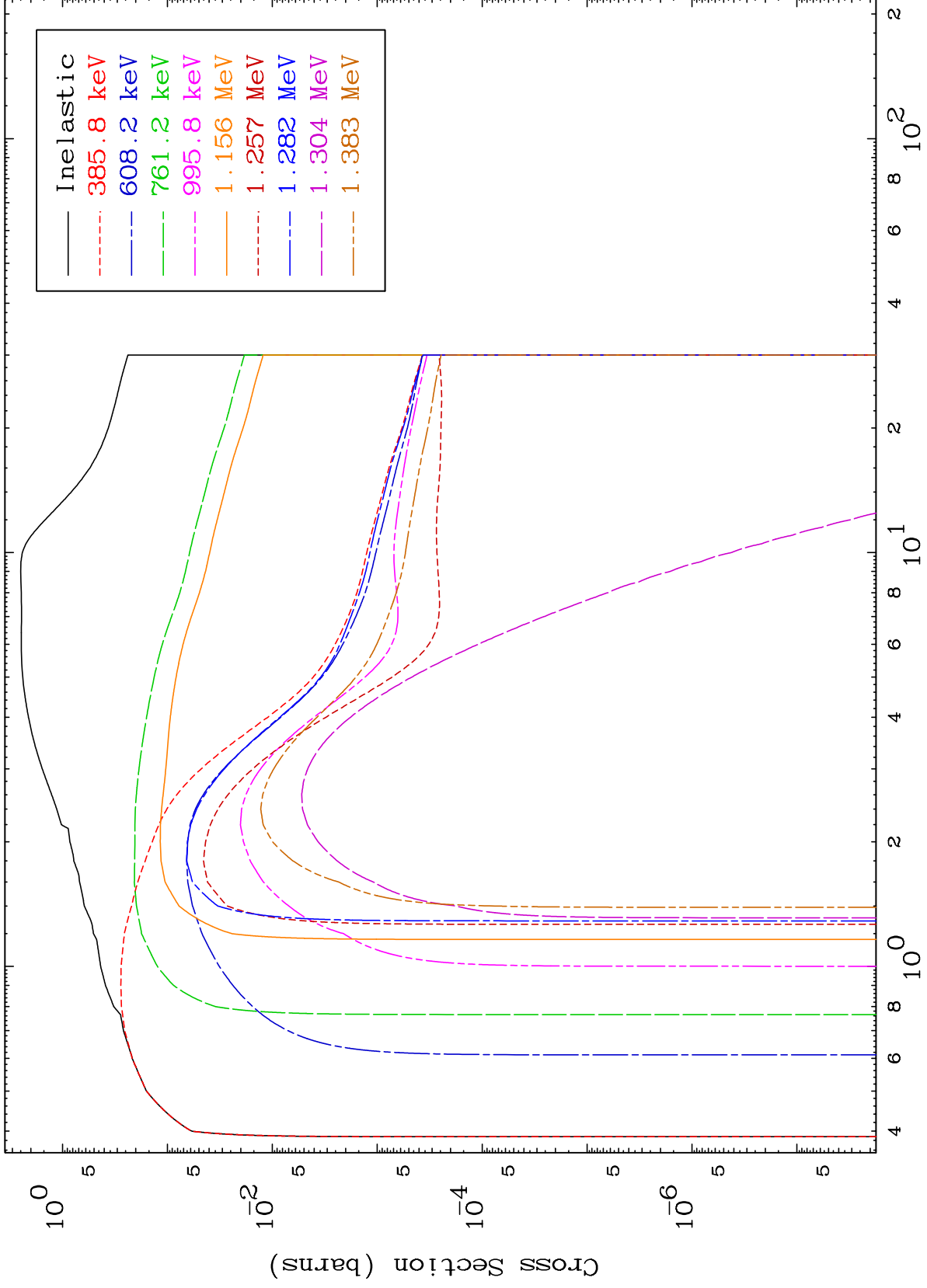




MAT 8107

(n,n') Level
293 Kelvin Cross Sections

81-Tl-197



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Incident Energy (MeV)

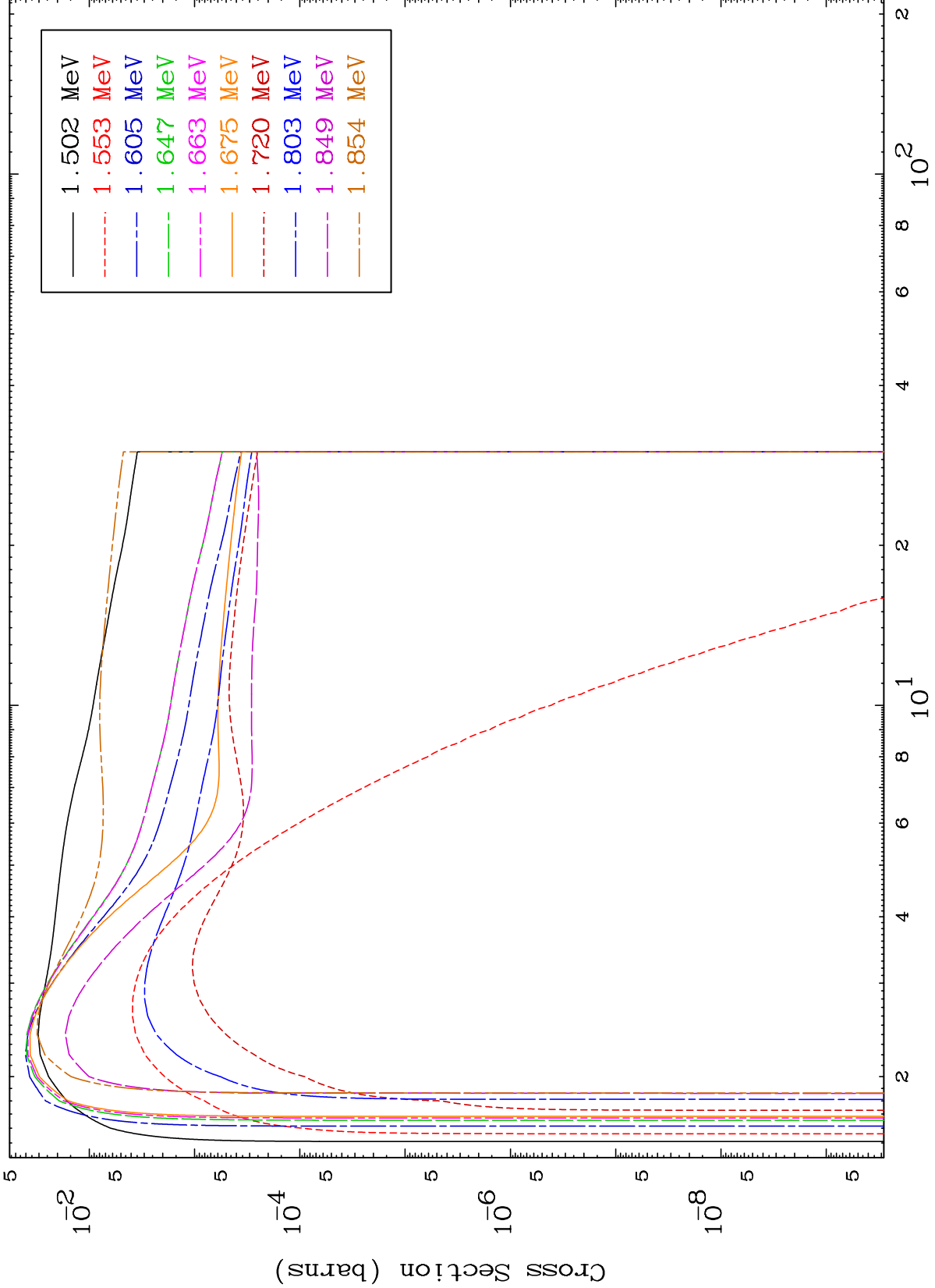
81-Tl-197

MAT 8107

(n,n') Level

81-Tl-197

293 Kelvin Cross Sections



8

Incident Energy (MeV)

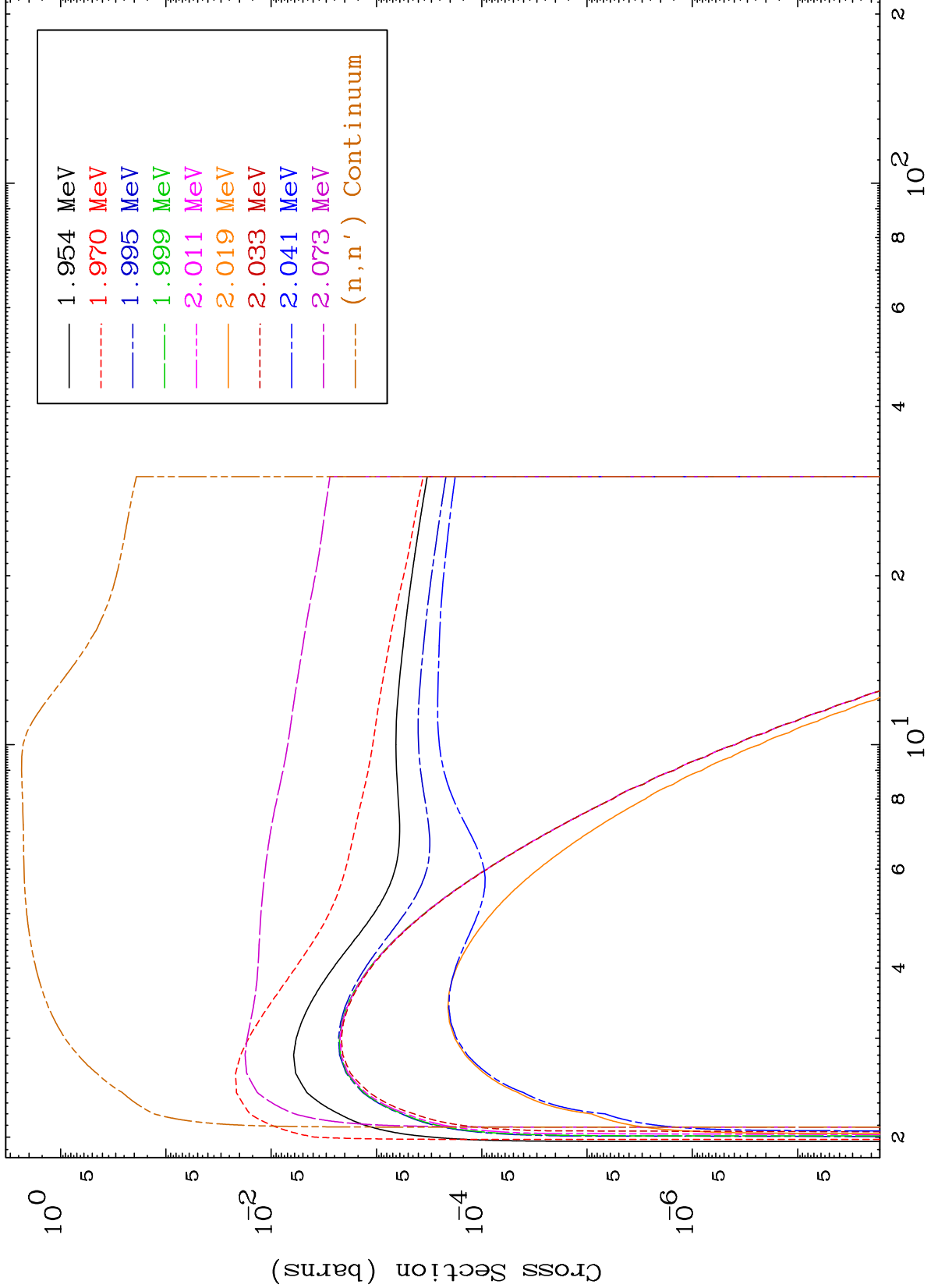
81-Tl-197

MAT 8107

(n,n') Level

81-Tl-197

293 Kelvin Cross Sections



9

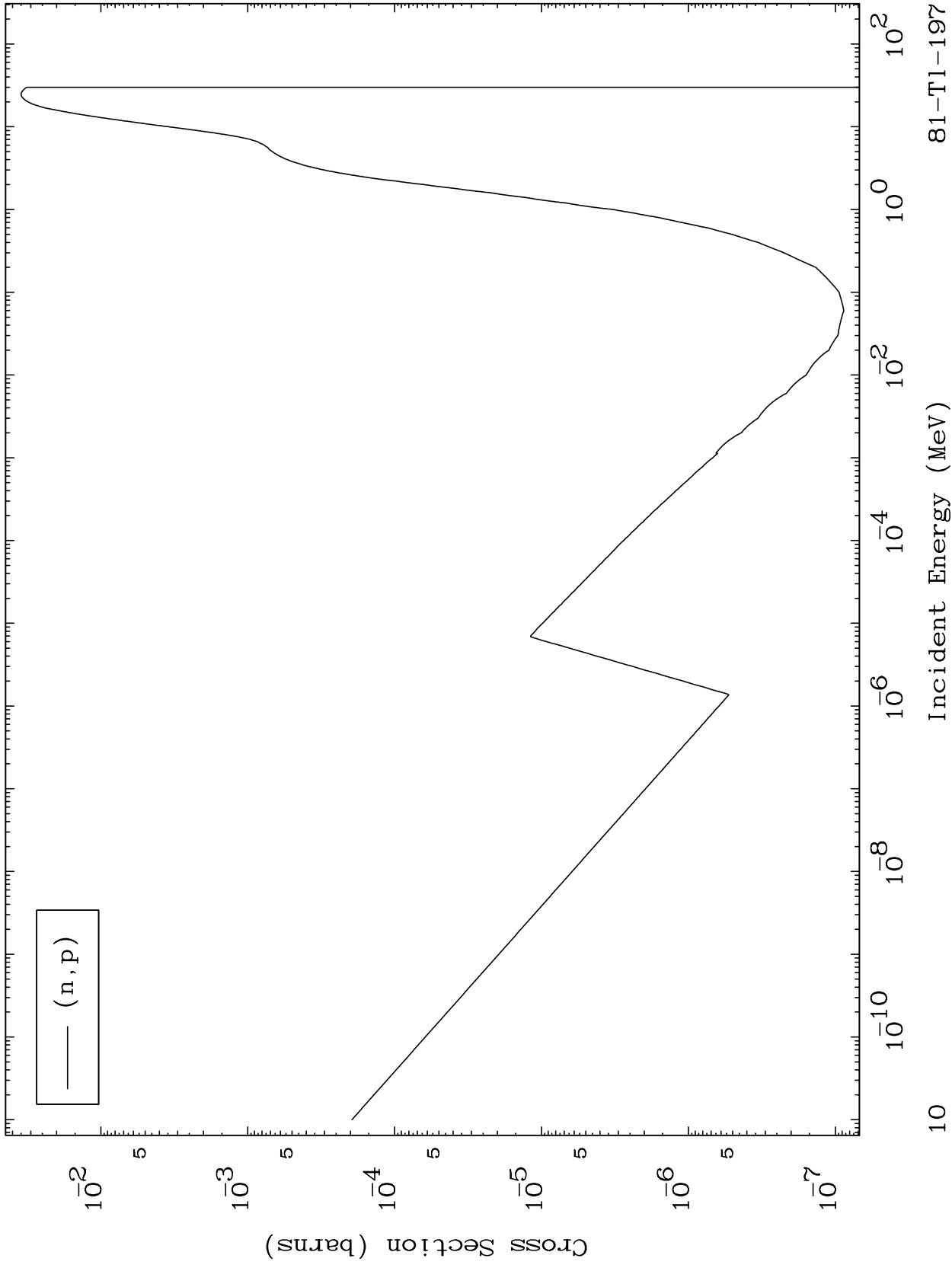
Incident Energy (MeV)

81-Tl-197

MAT 8107

(n,p) Levels
293 Kelvin Cross Sections

81-Tl-197



10

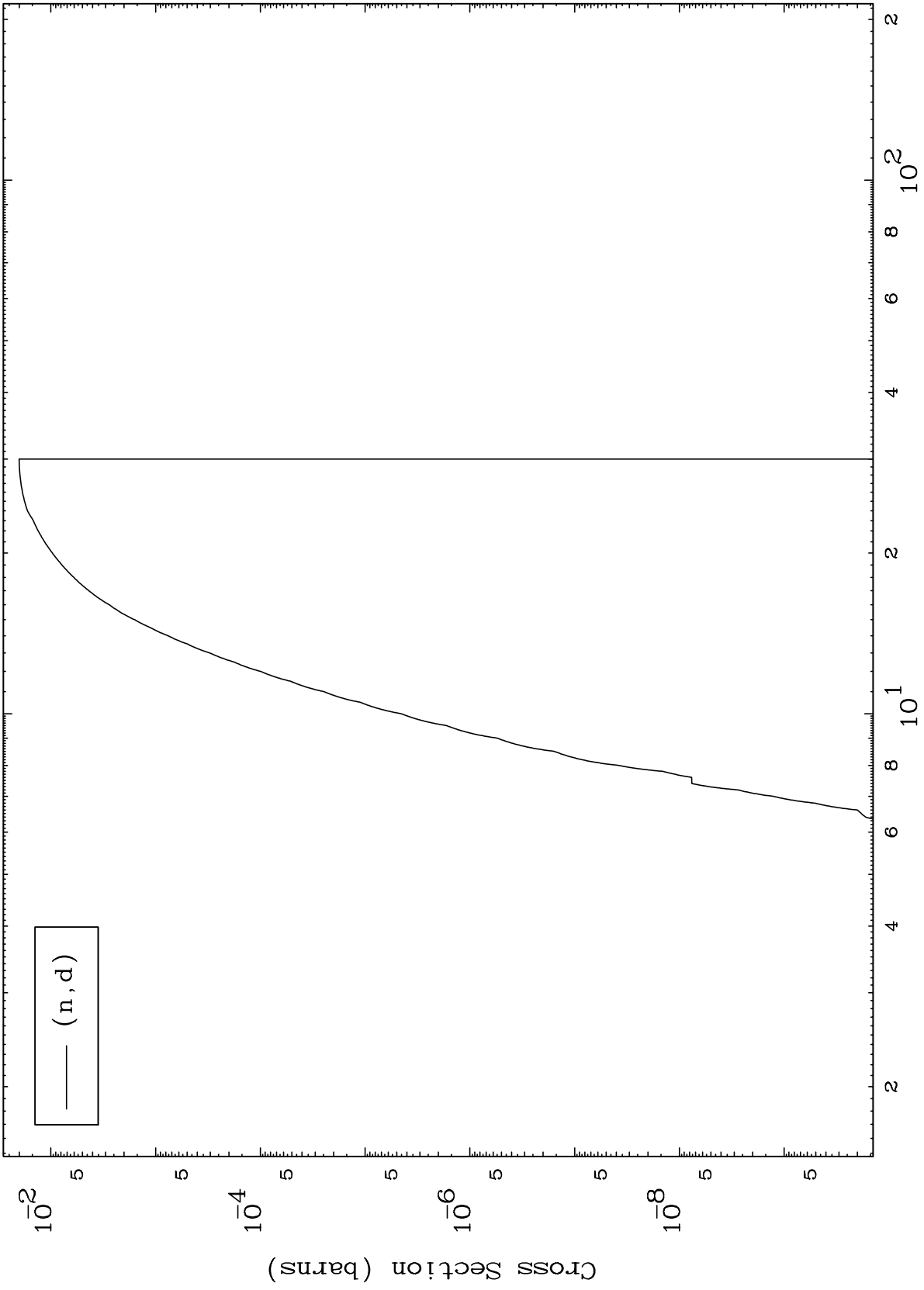
Incident Energy (MeV)

81-Tl-197

MAT 8107

(n,d) Levels
293 Kelvin Cross Sections

81-T1-197



11

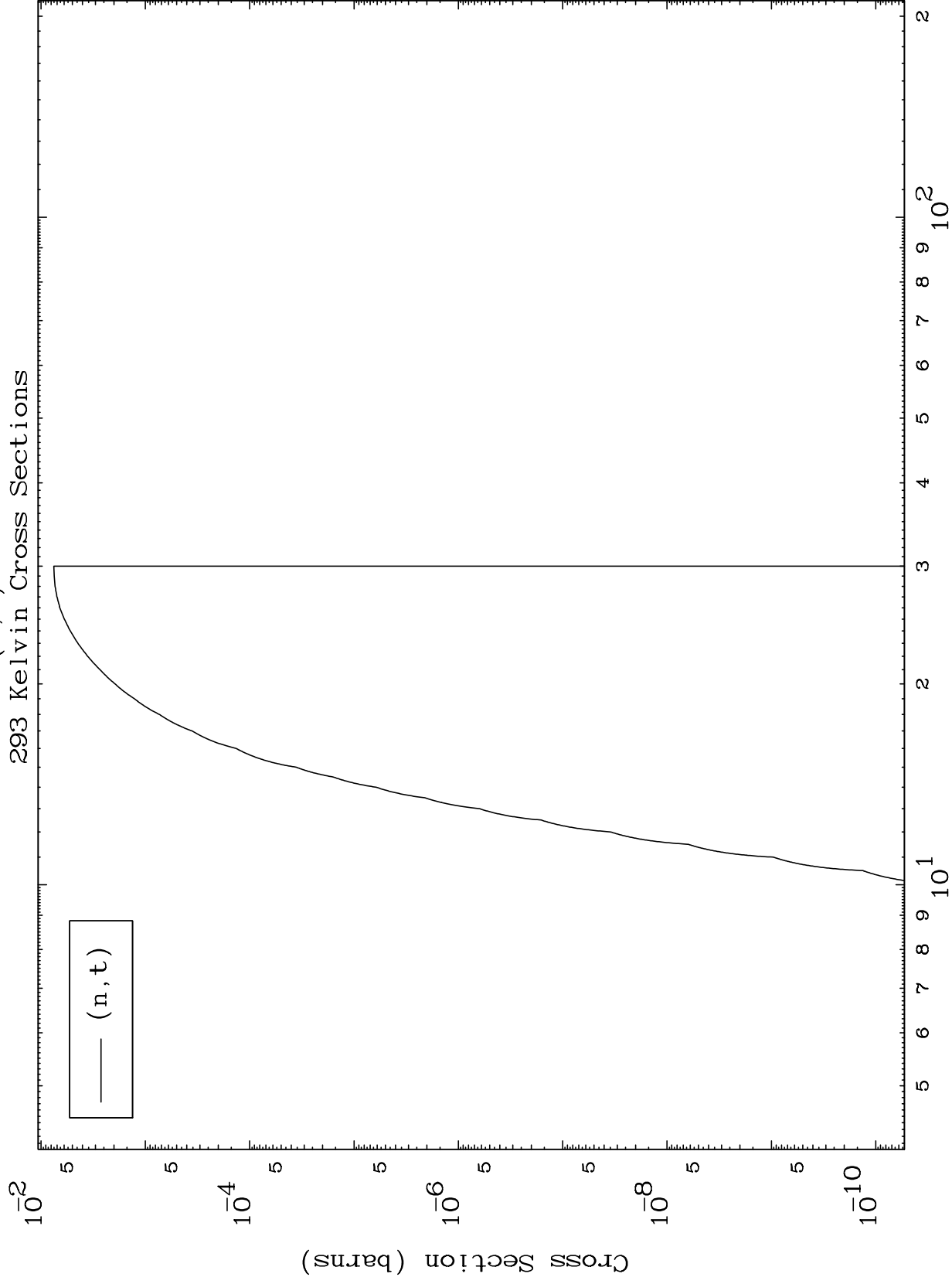
Incident Energy (MeV)

81-T1-197

MAT 8107

(n,t) Levels
293 Kelvin Cross Sections

81-T1-197



12

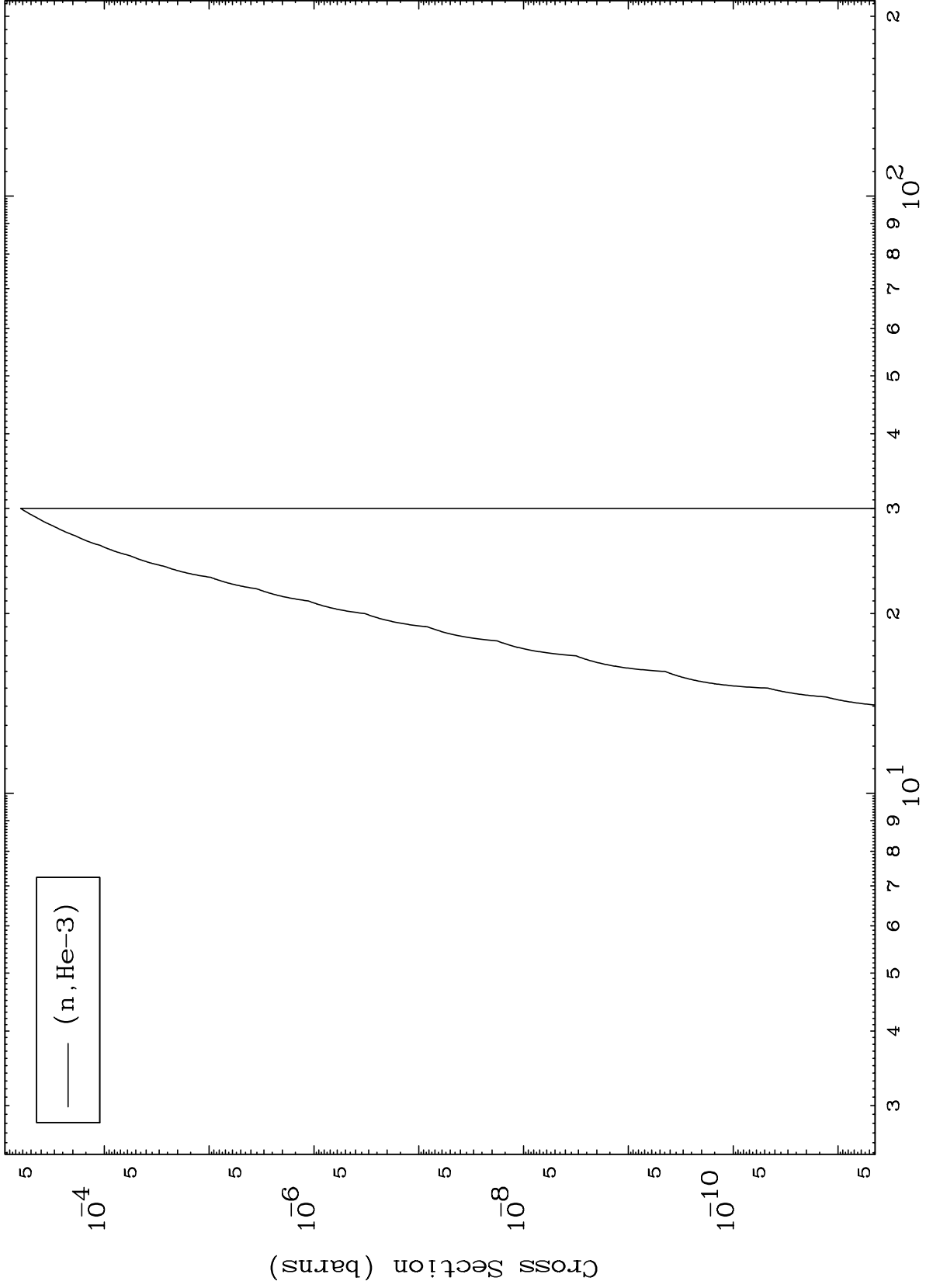
Incident Energy (MeV)

81-T1-197

MAT 8107

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-197



13

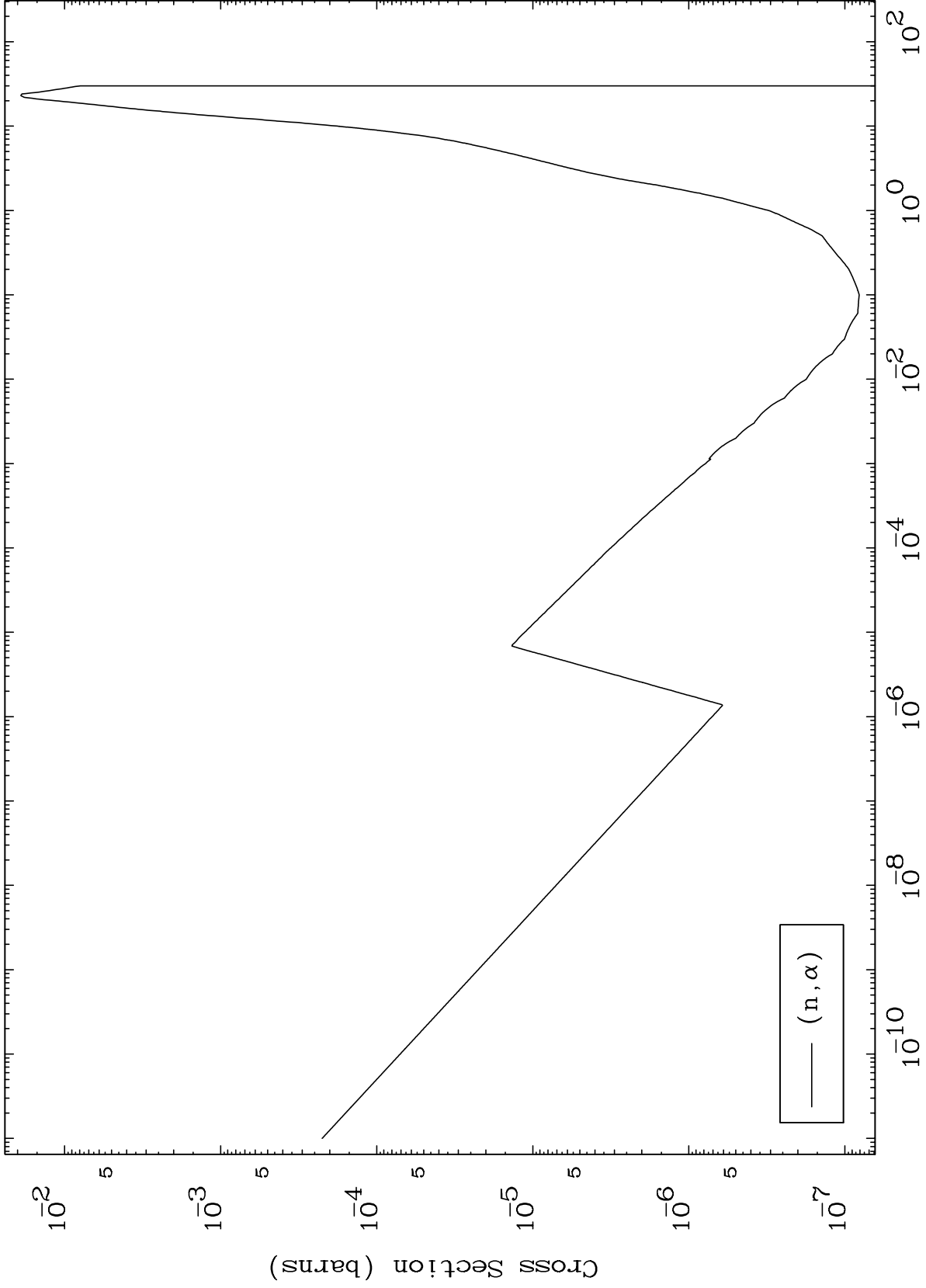
Incident Energy (MeV)

81-T1-197

MAT 8107

(n,α) Levels
293 Kelvin Cross Sections

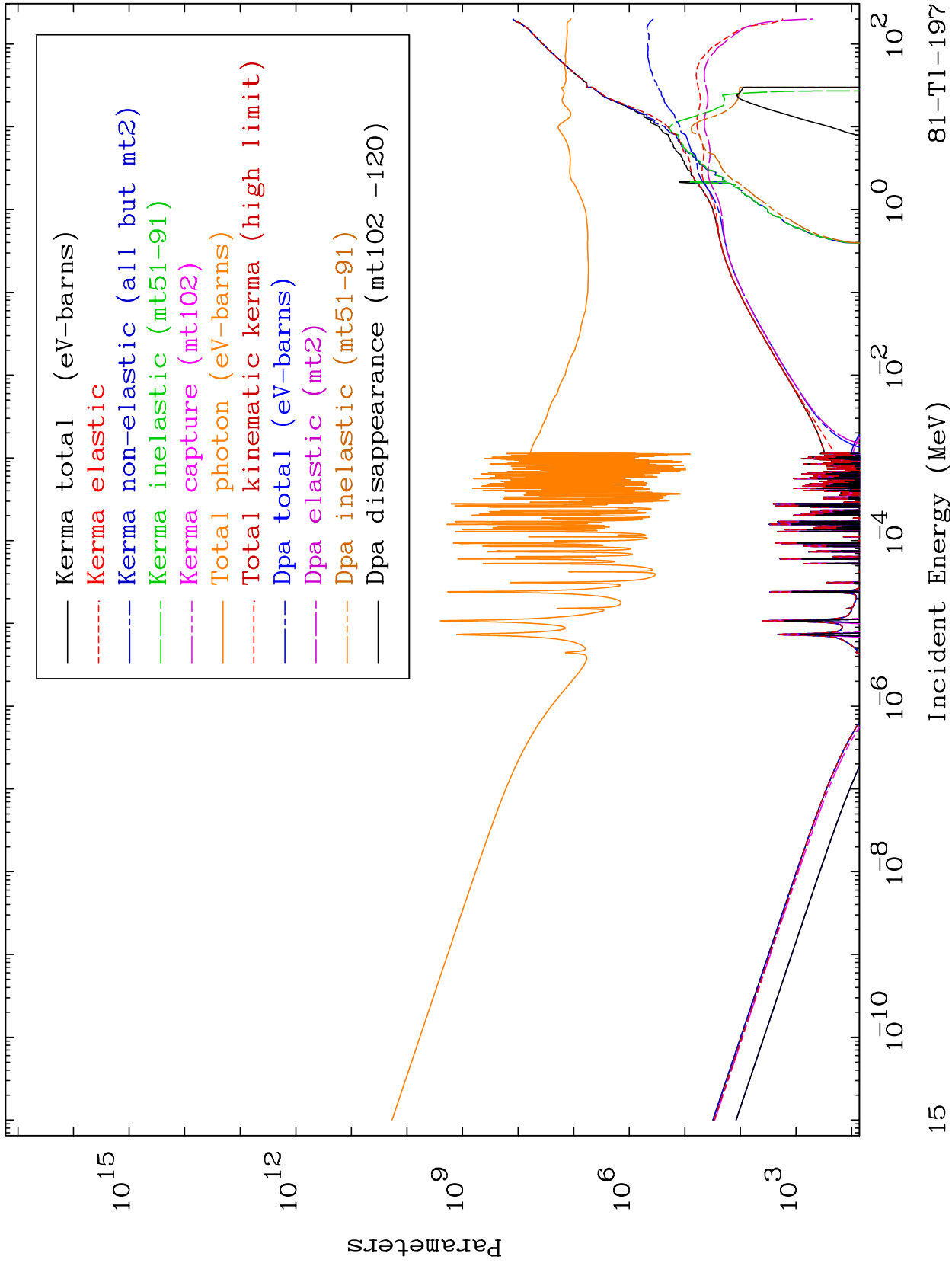
81-T1-197



14

Incident Energy (MeV)

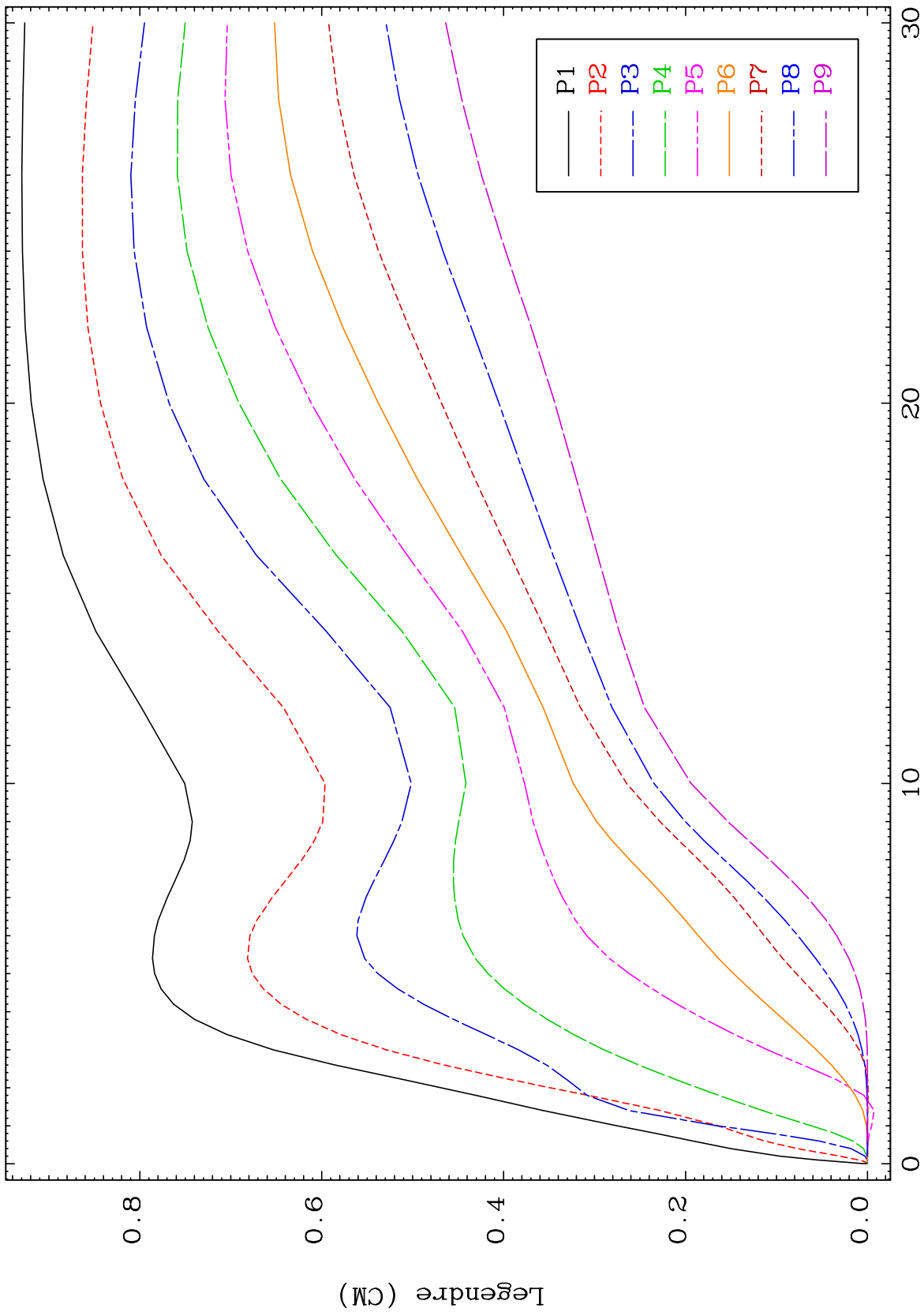
81-T1-197



MAT 8107

Elastic Legendre Coefficients

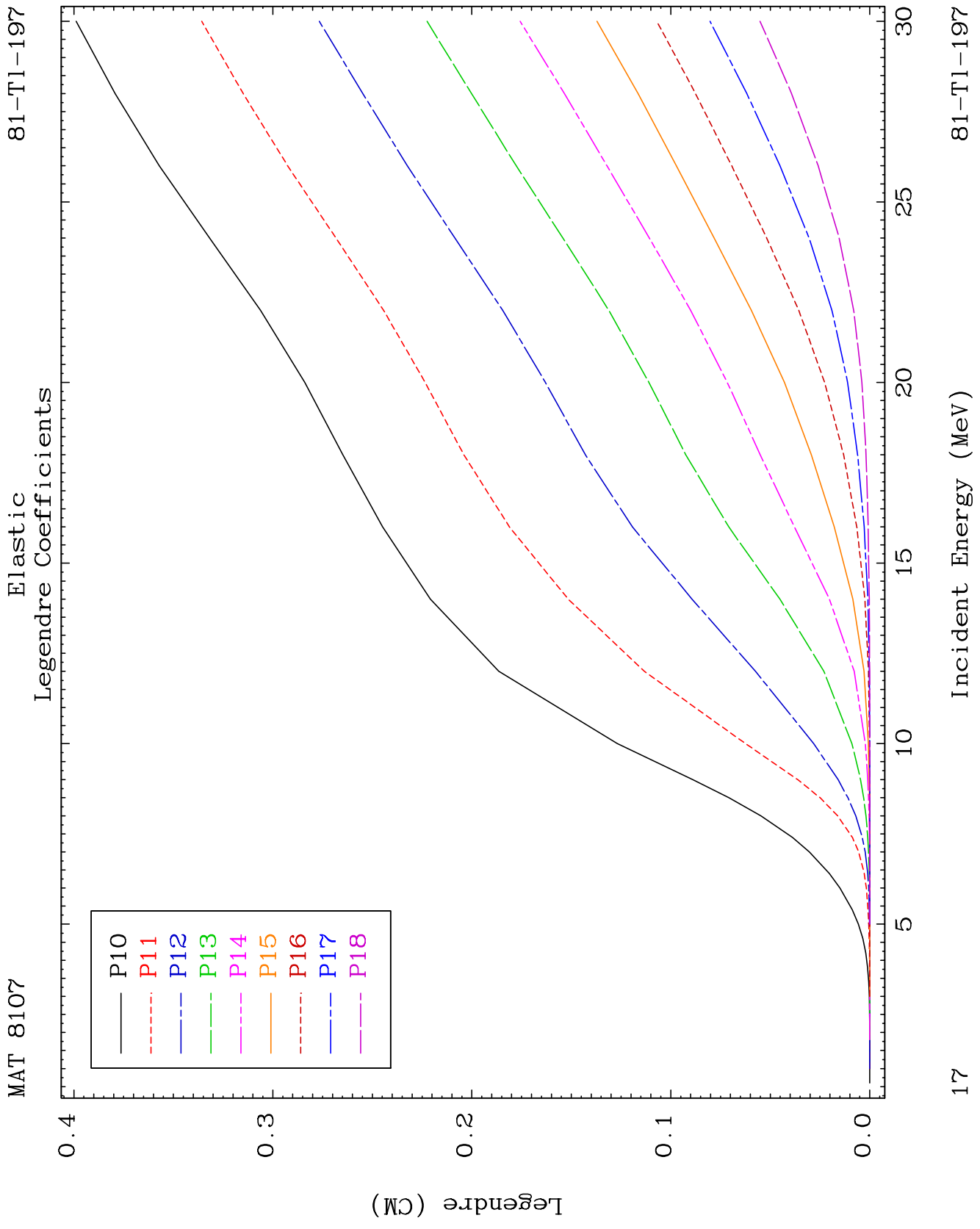
81-T1-197



16

Incident Energy (MeV)

81-T1-197



81-T1-197

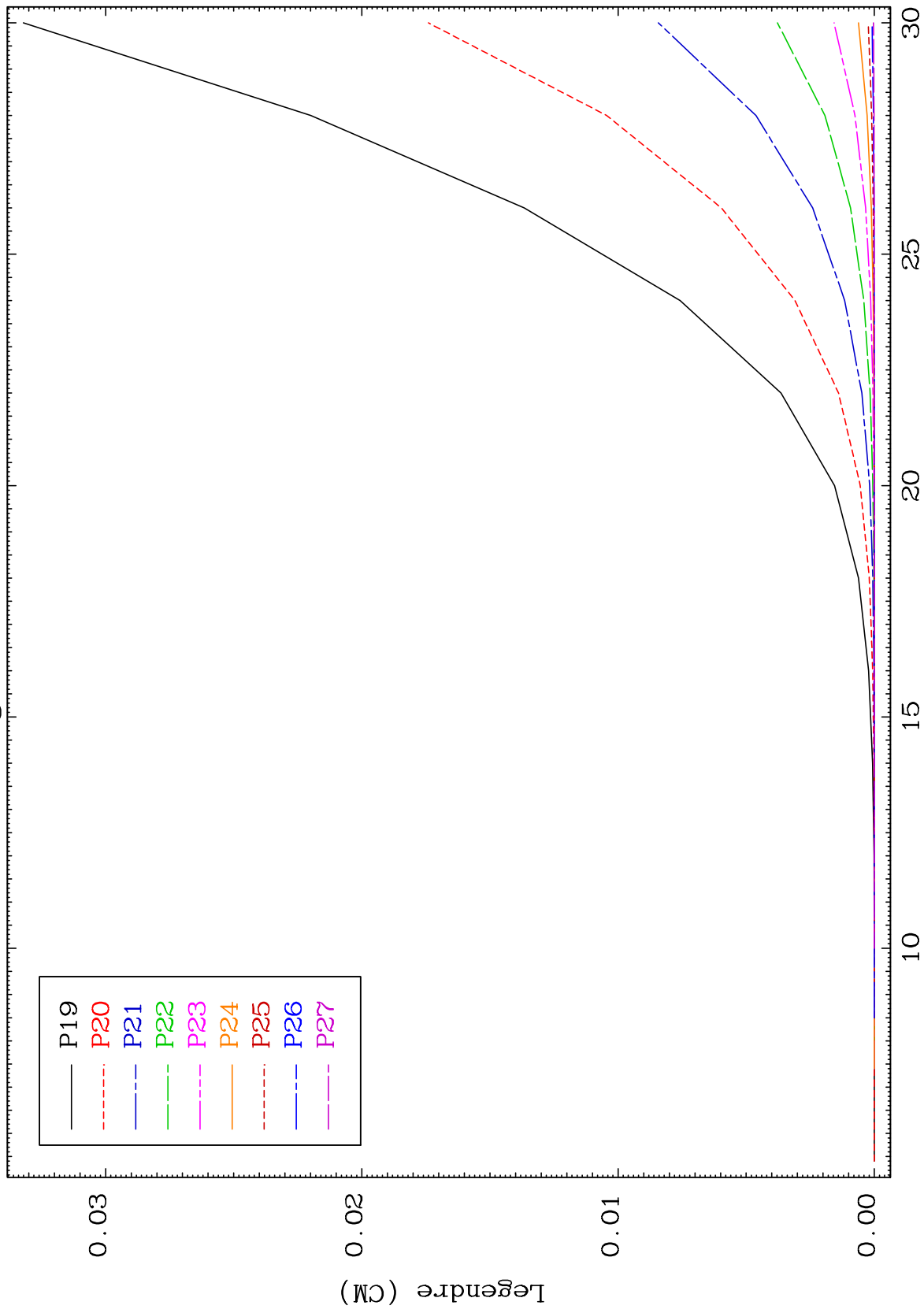
Incident Energy (MeV)

17

MAT 8107

Elastic Legendre Coefficients

81-T1-197



18

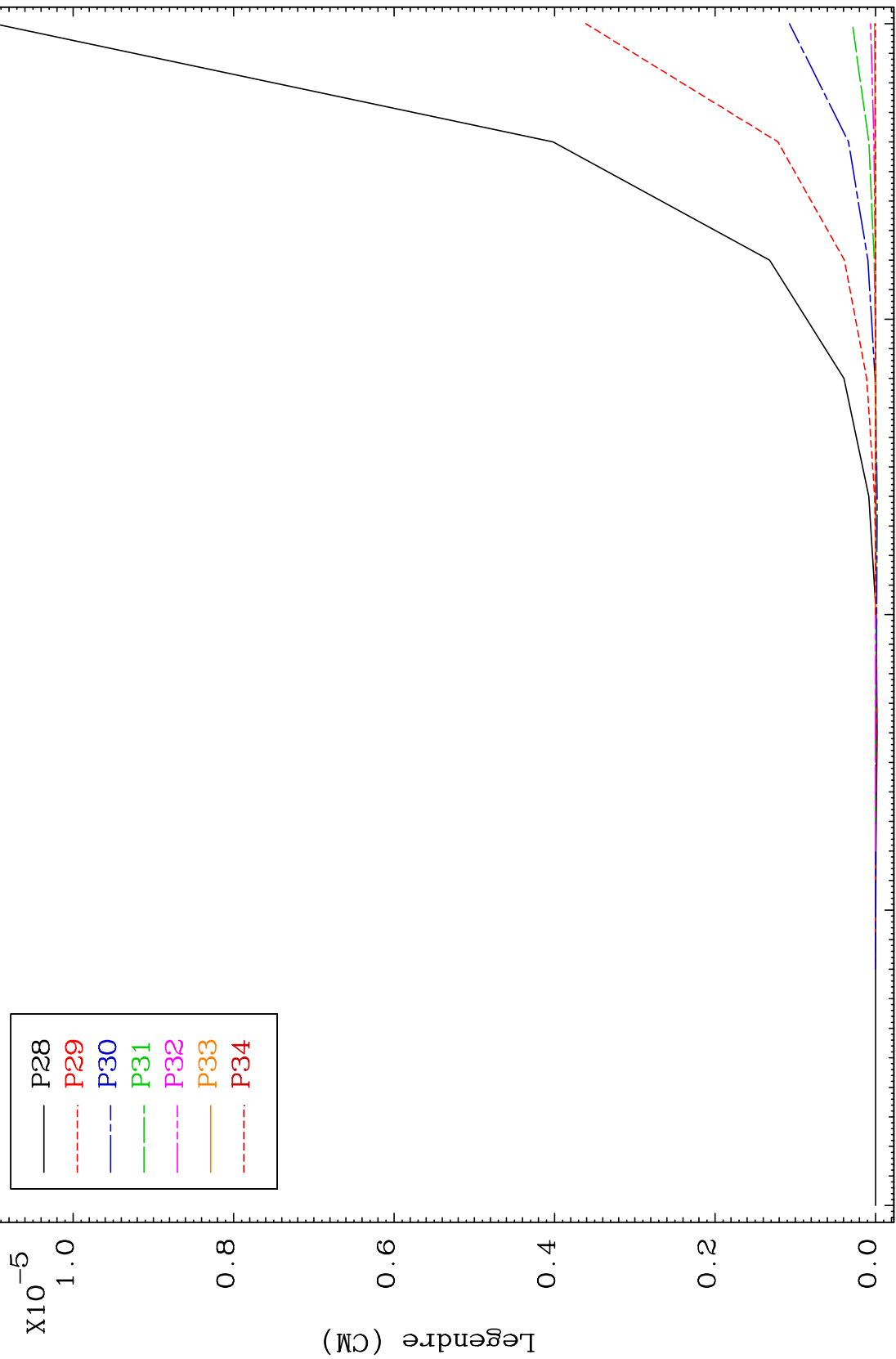
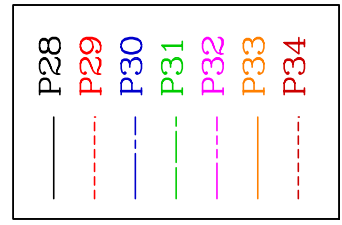
Incident Energy (MeV)

81-T1-197

MAT 8107

Elastic Legendre Coefficients

81-T1-197



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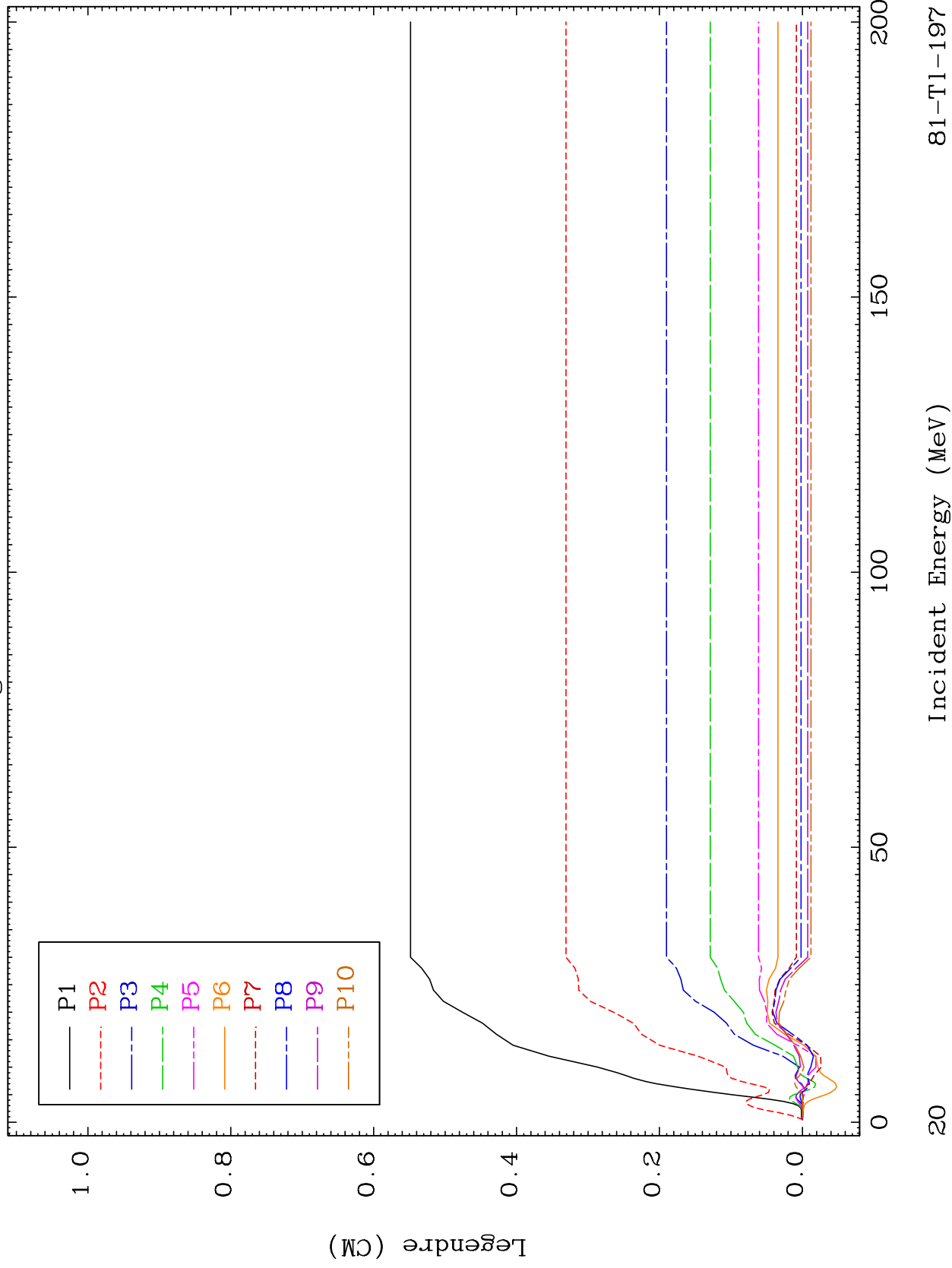
Incident Energy (MeV)

81-T1-197

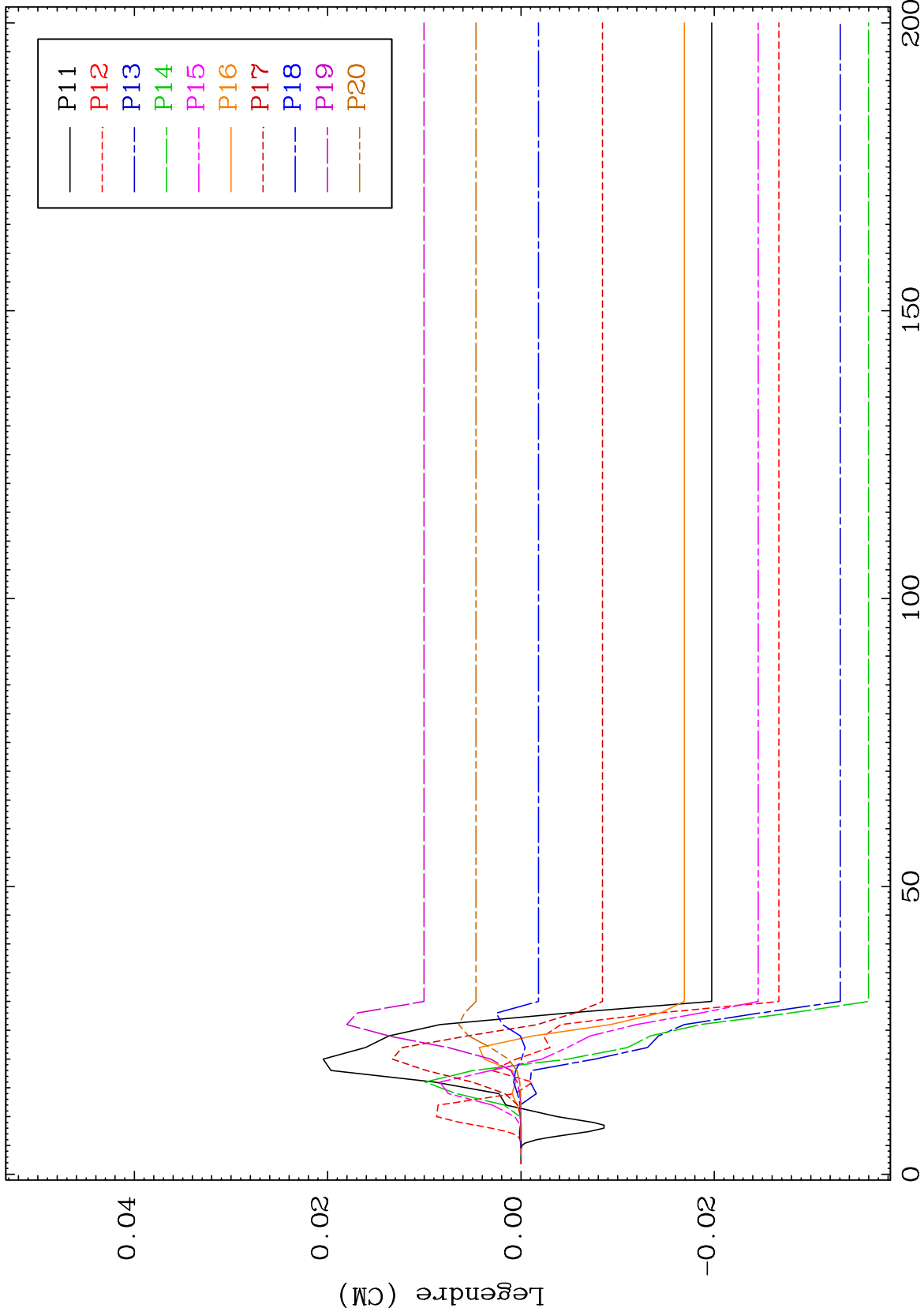
MAT 8107

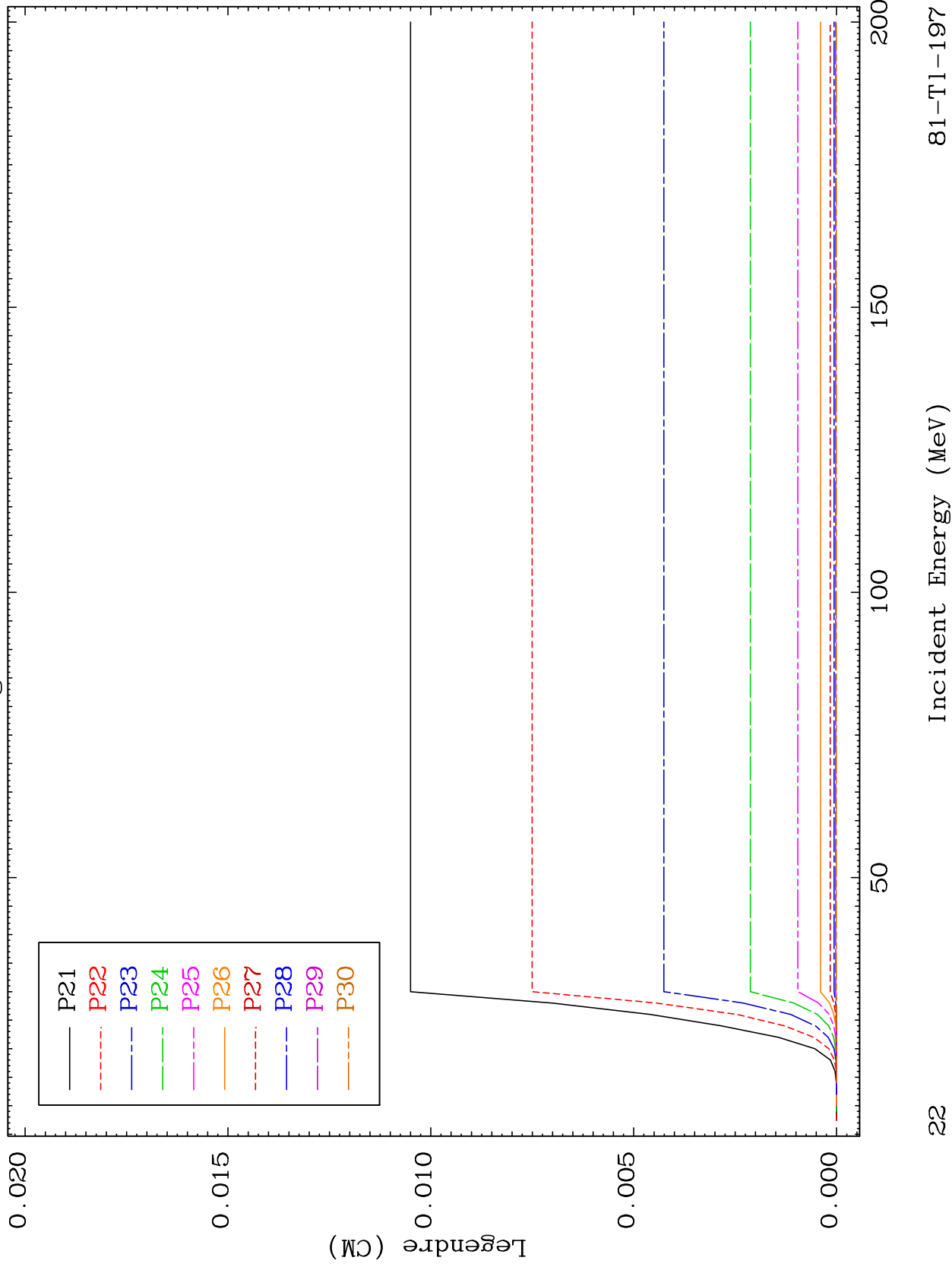
385.8 keV (n,n') Level
Legendre Coefficients

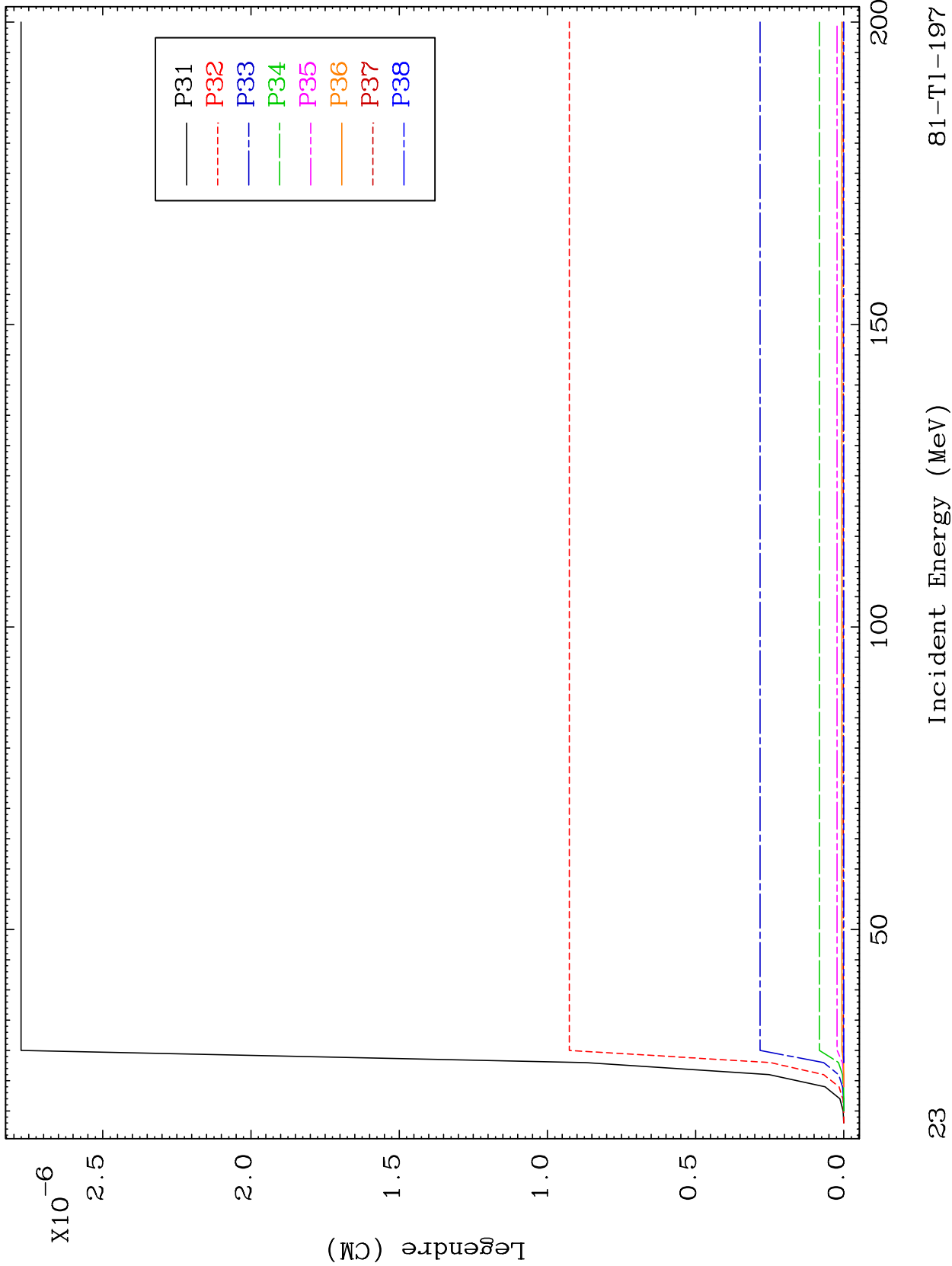
81-T1-197

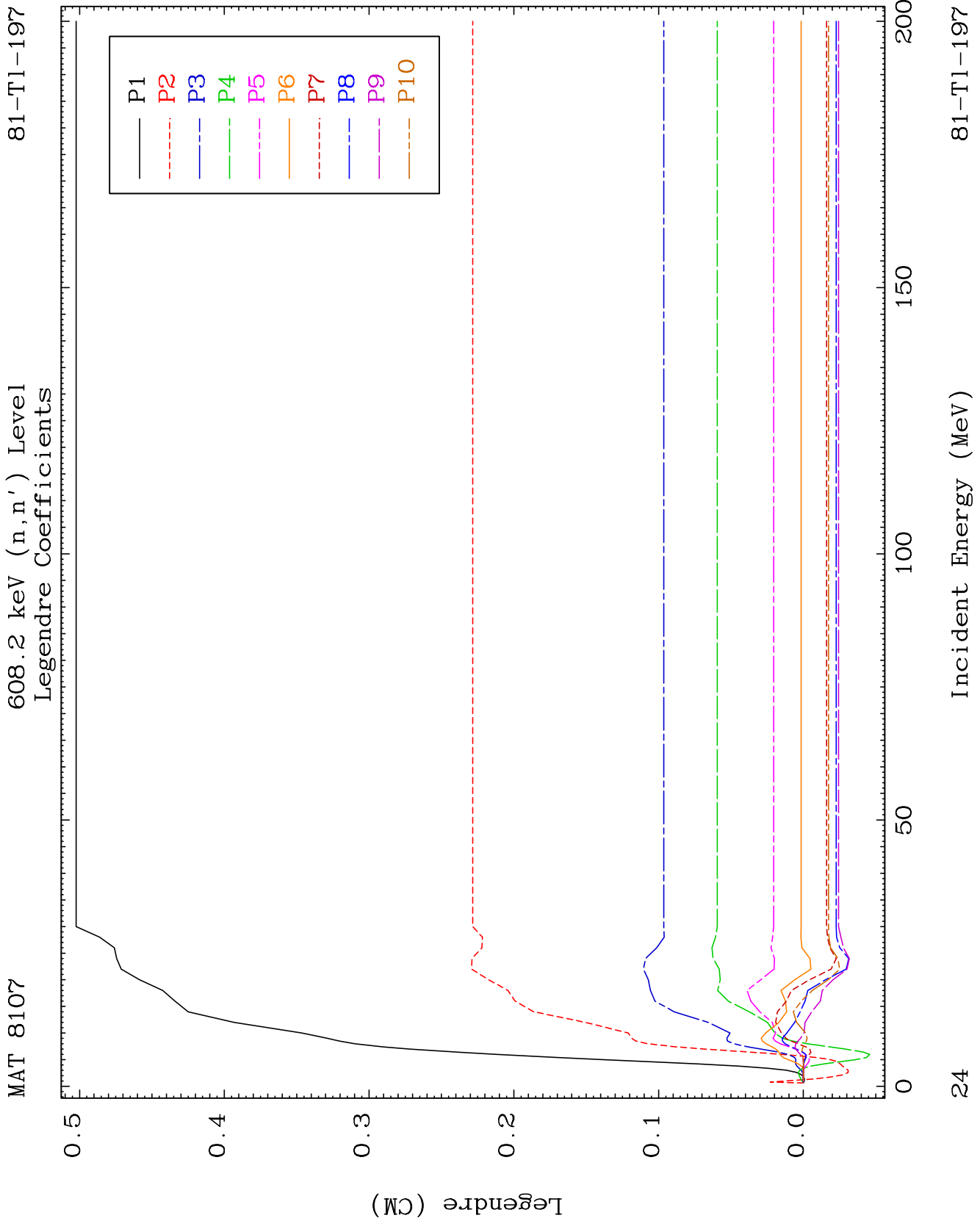


385.8 keV (n,n') Level Legendre Coefficients





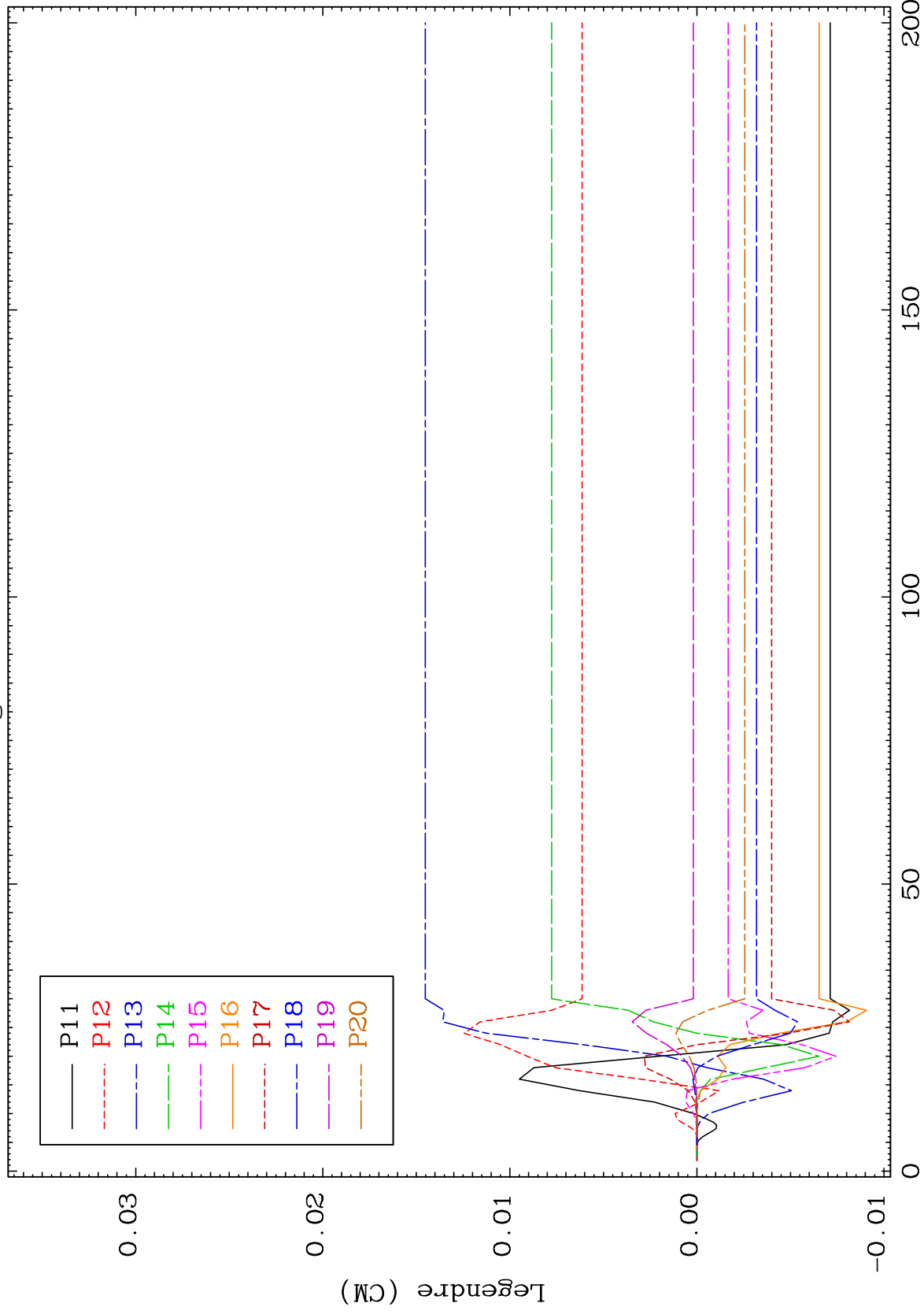




MAT 8107

608.2 keV (n,n') Level
Legendre Coefficients

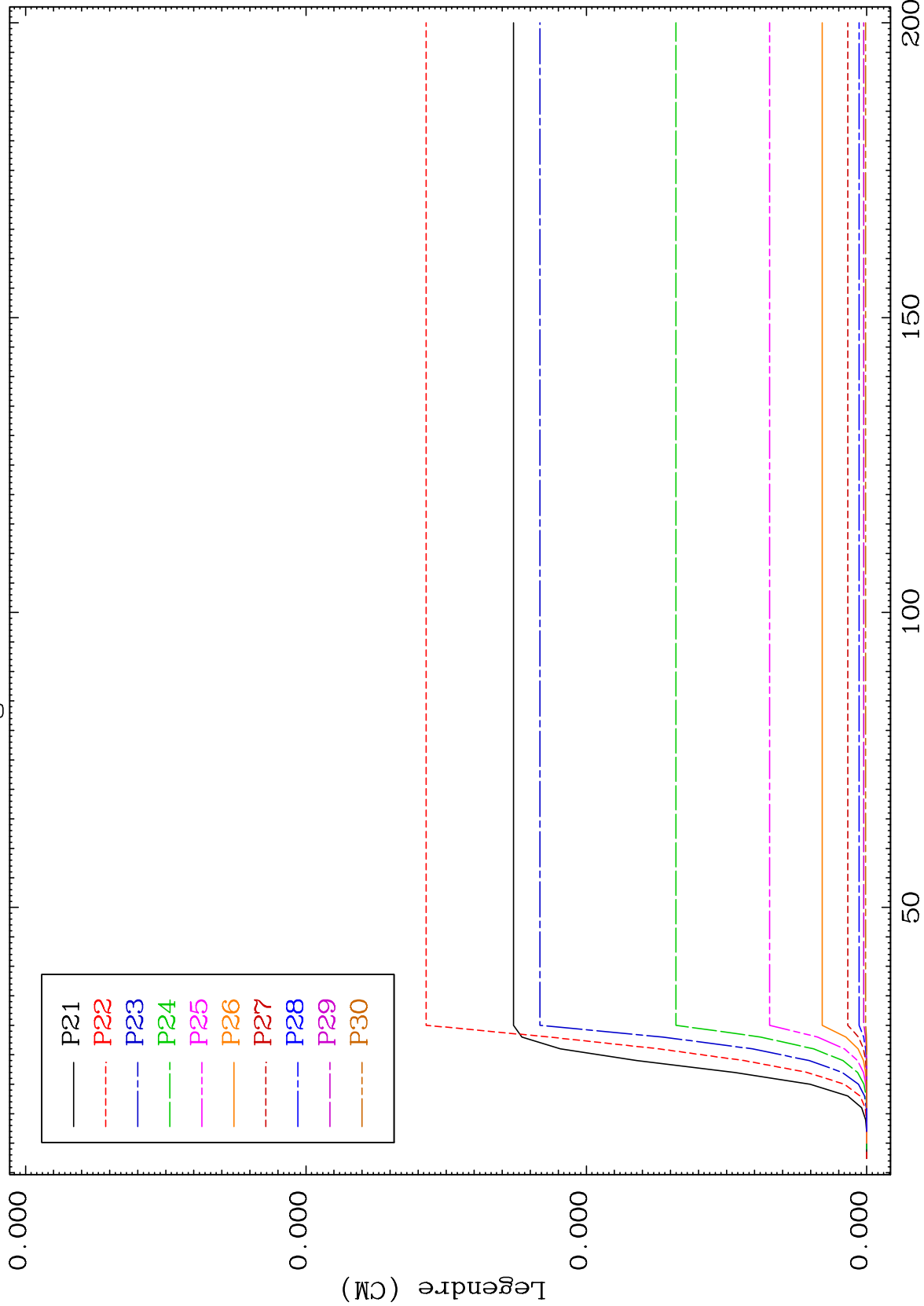
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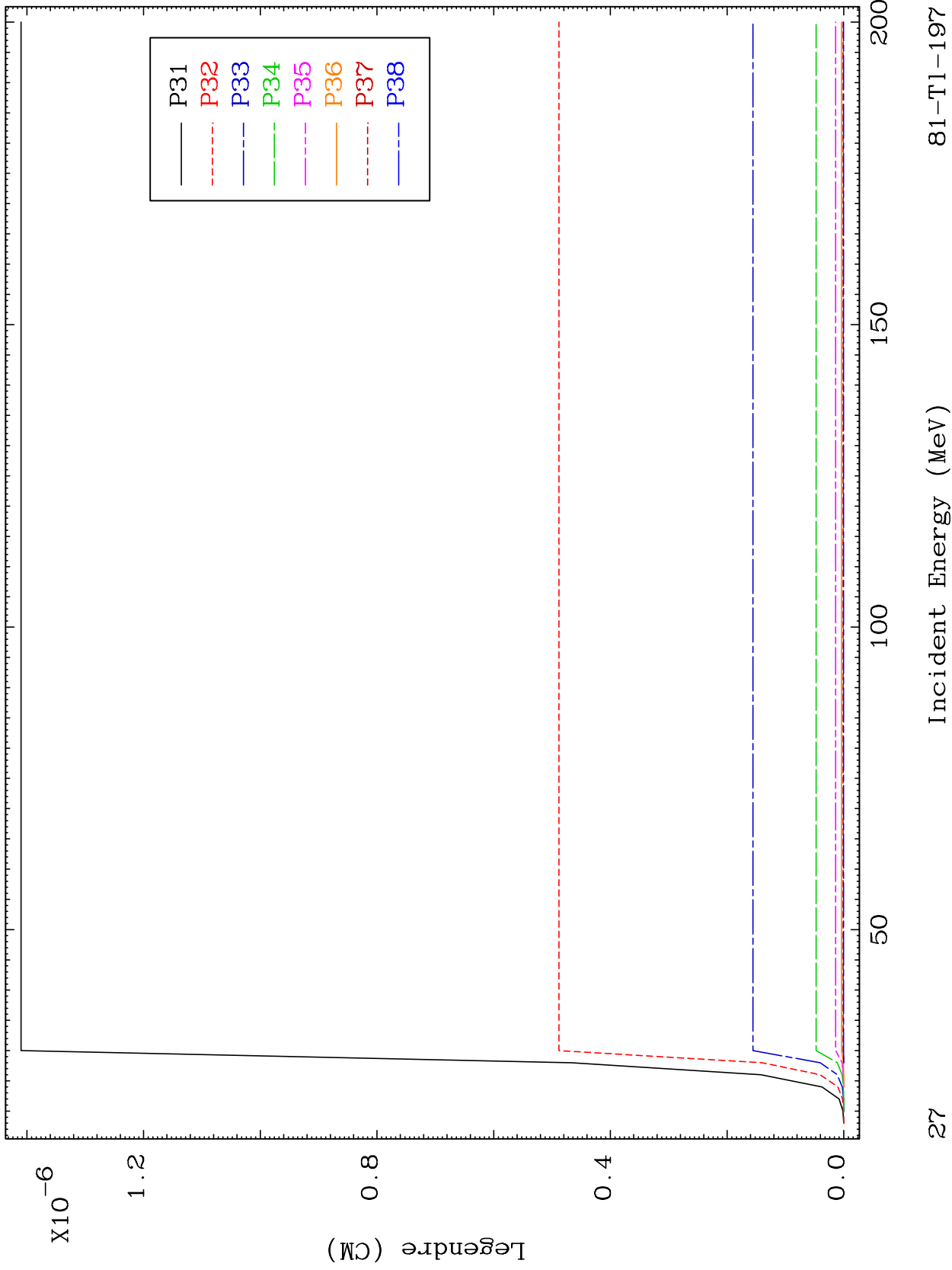


25

Incident Energy (MeV)

81-T1-197

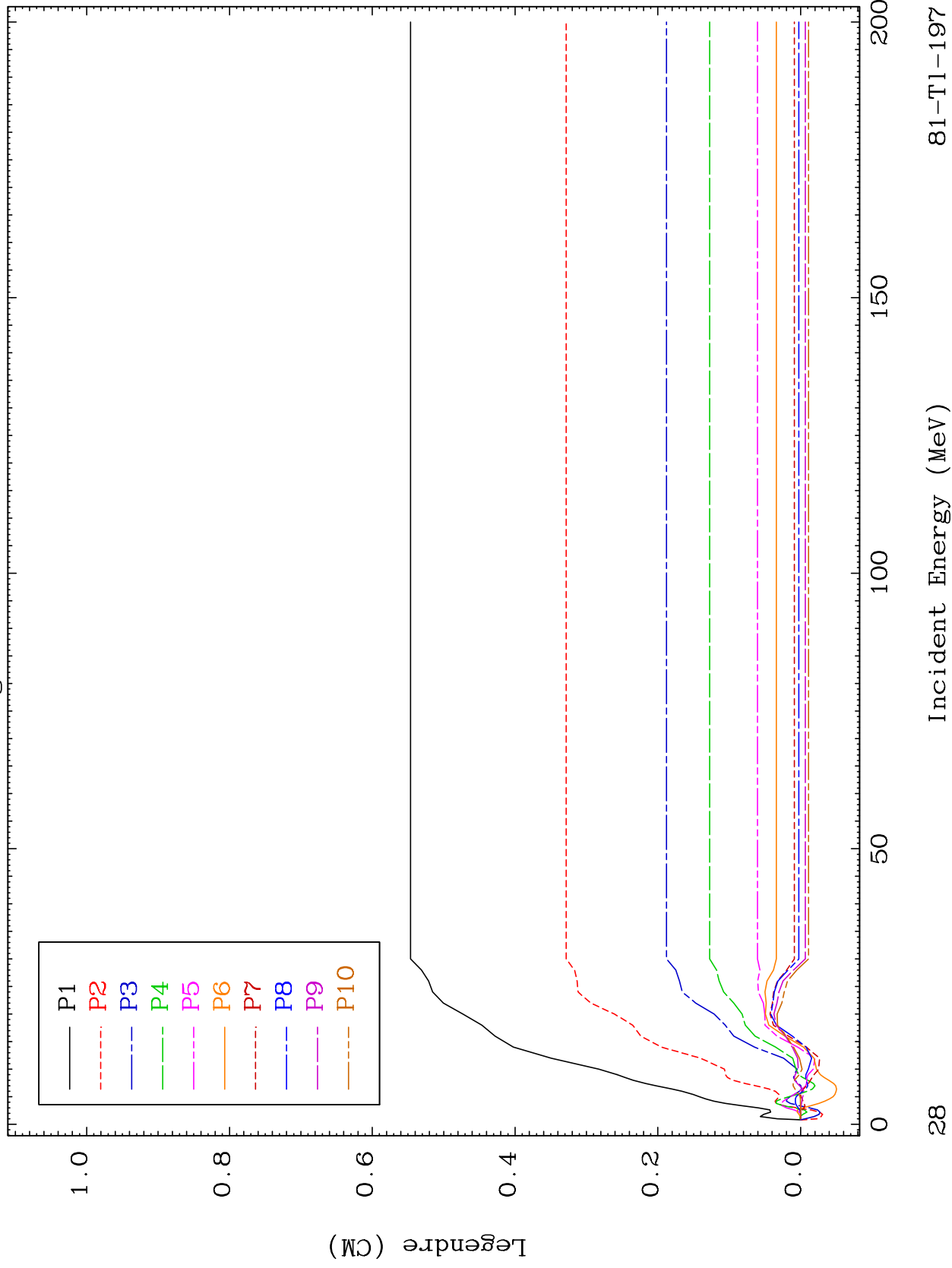


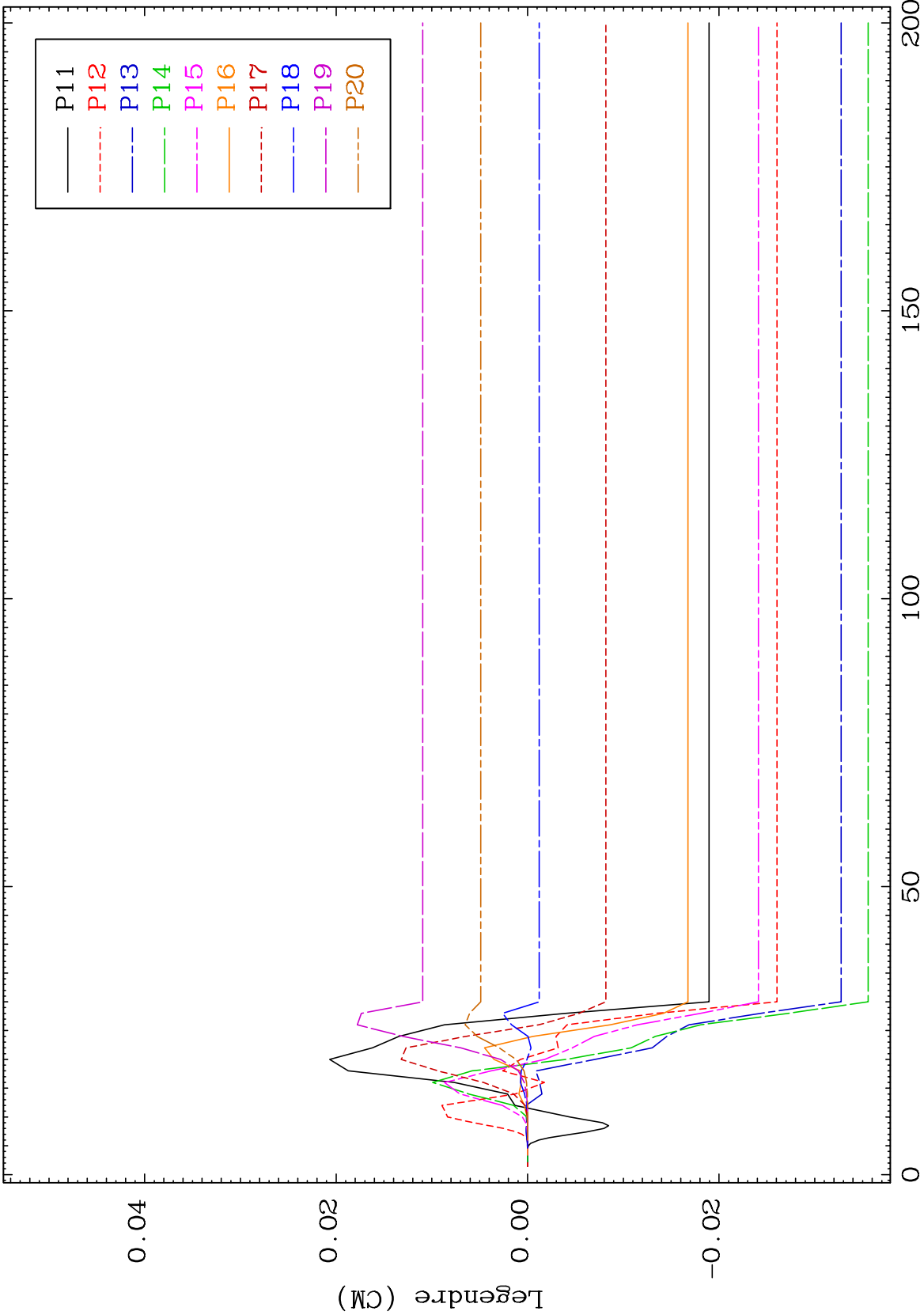


MAT 8107

761.2 keV (n,n') Level
Legendre Coefficients

81-T1-197

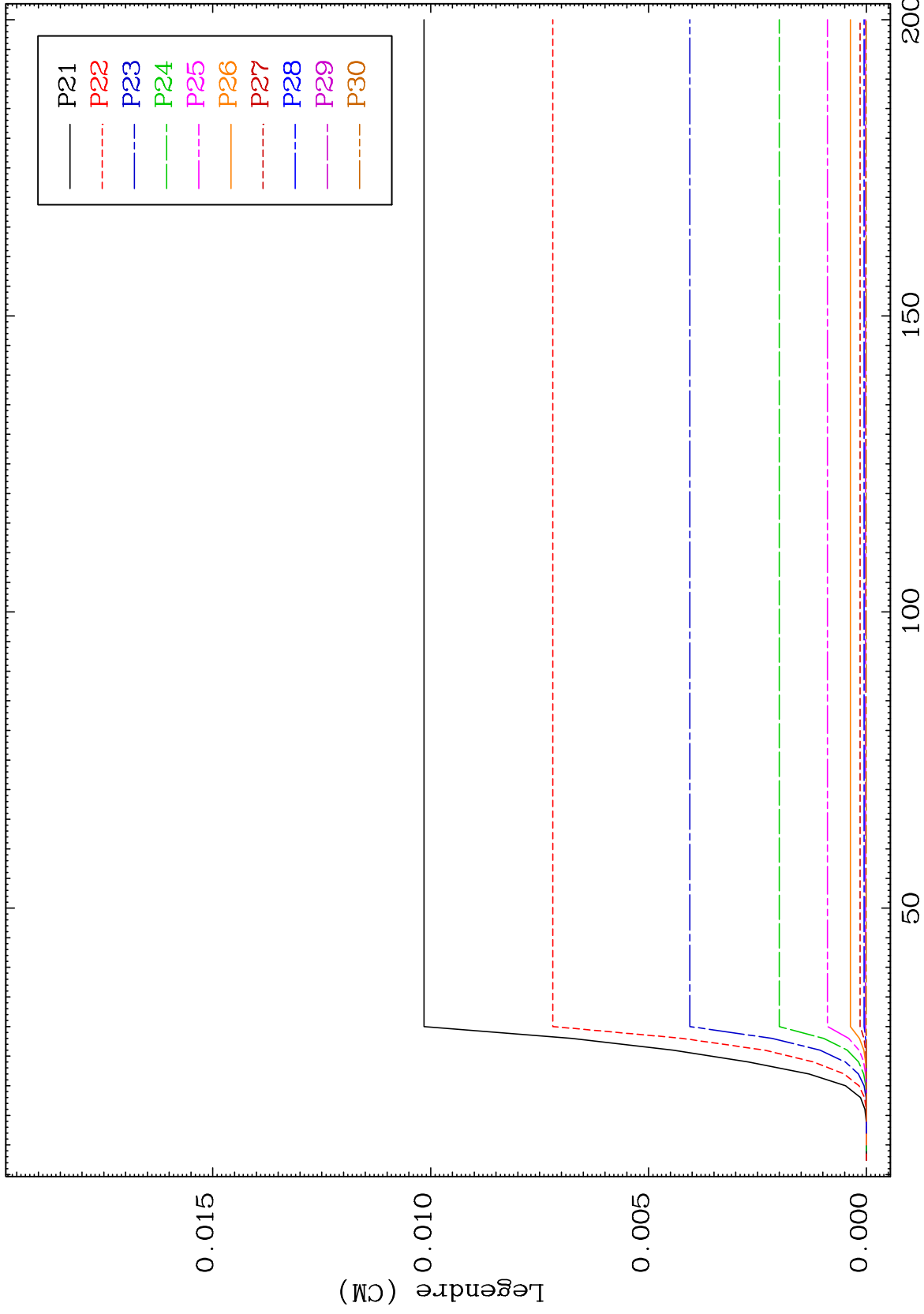




MAT 8107

761.2 keV (n,n') Level
Legendre Coefficients

81-T1-197



30

Incident Energy (MeV)

50

100

150

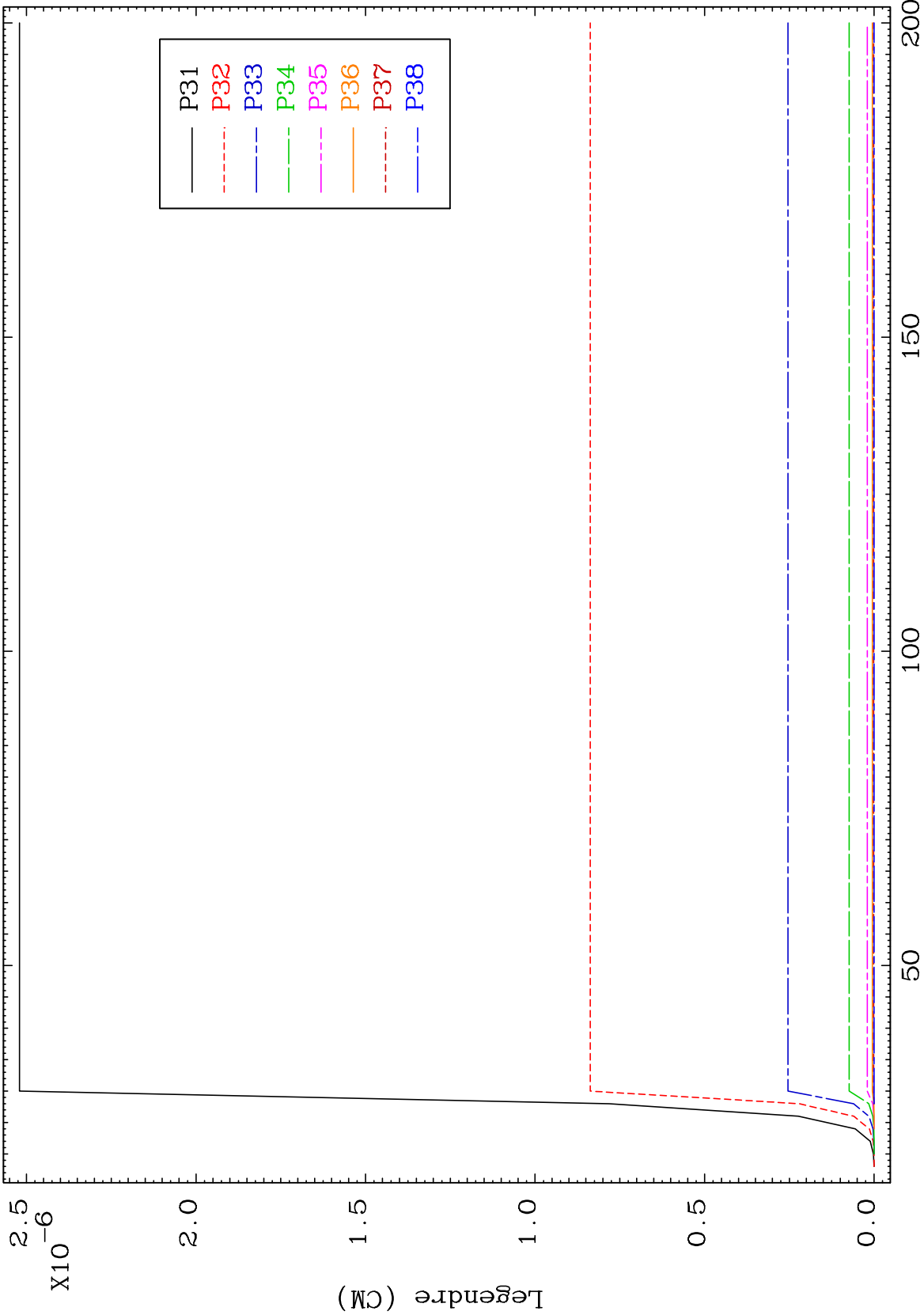
200

81-T1-197

MAT 8107

761.2 keV (n,n') Level
Legendre Coefficients

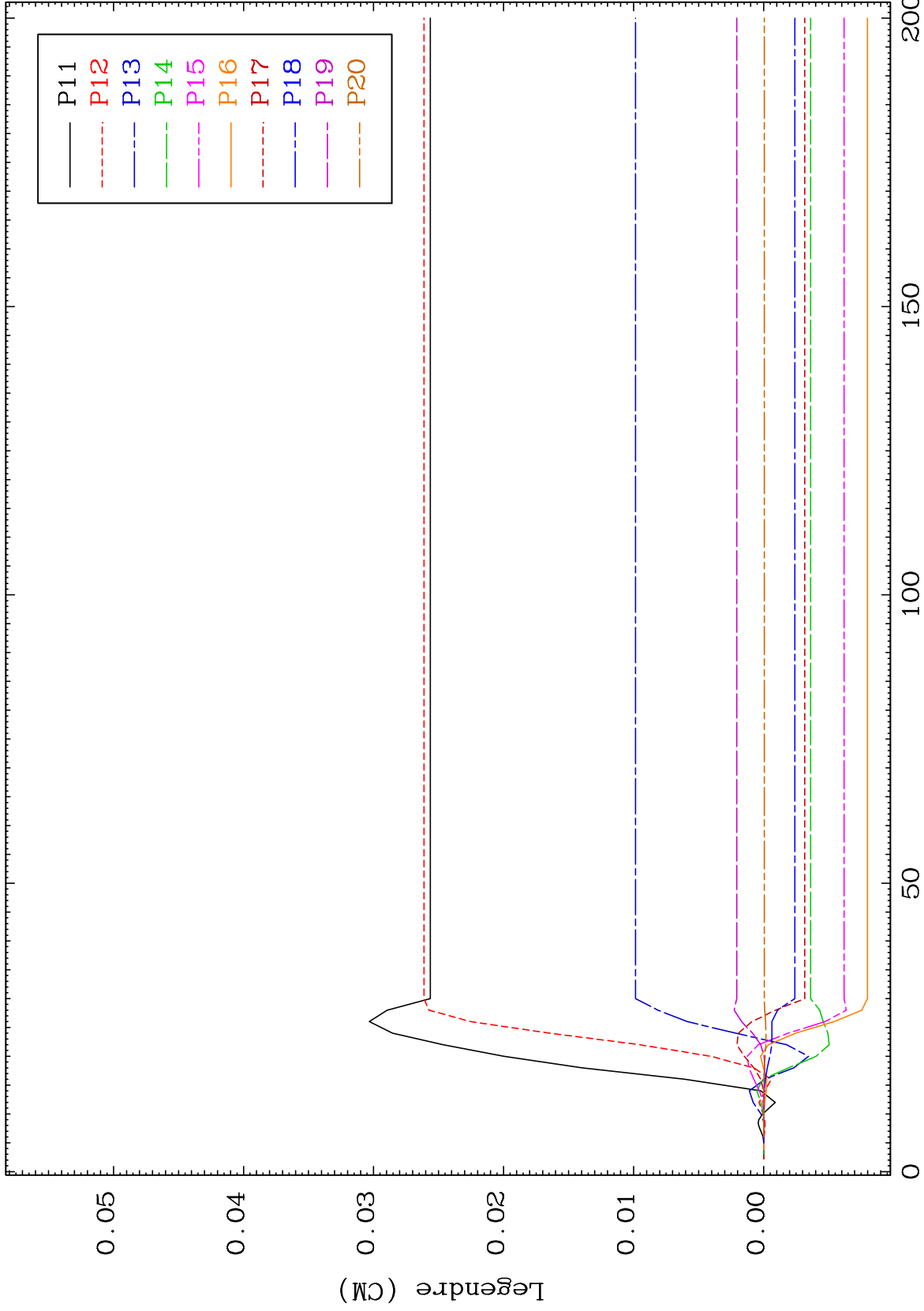
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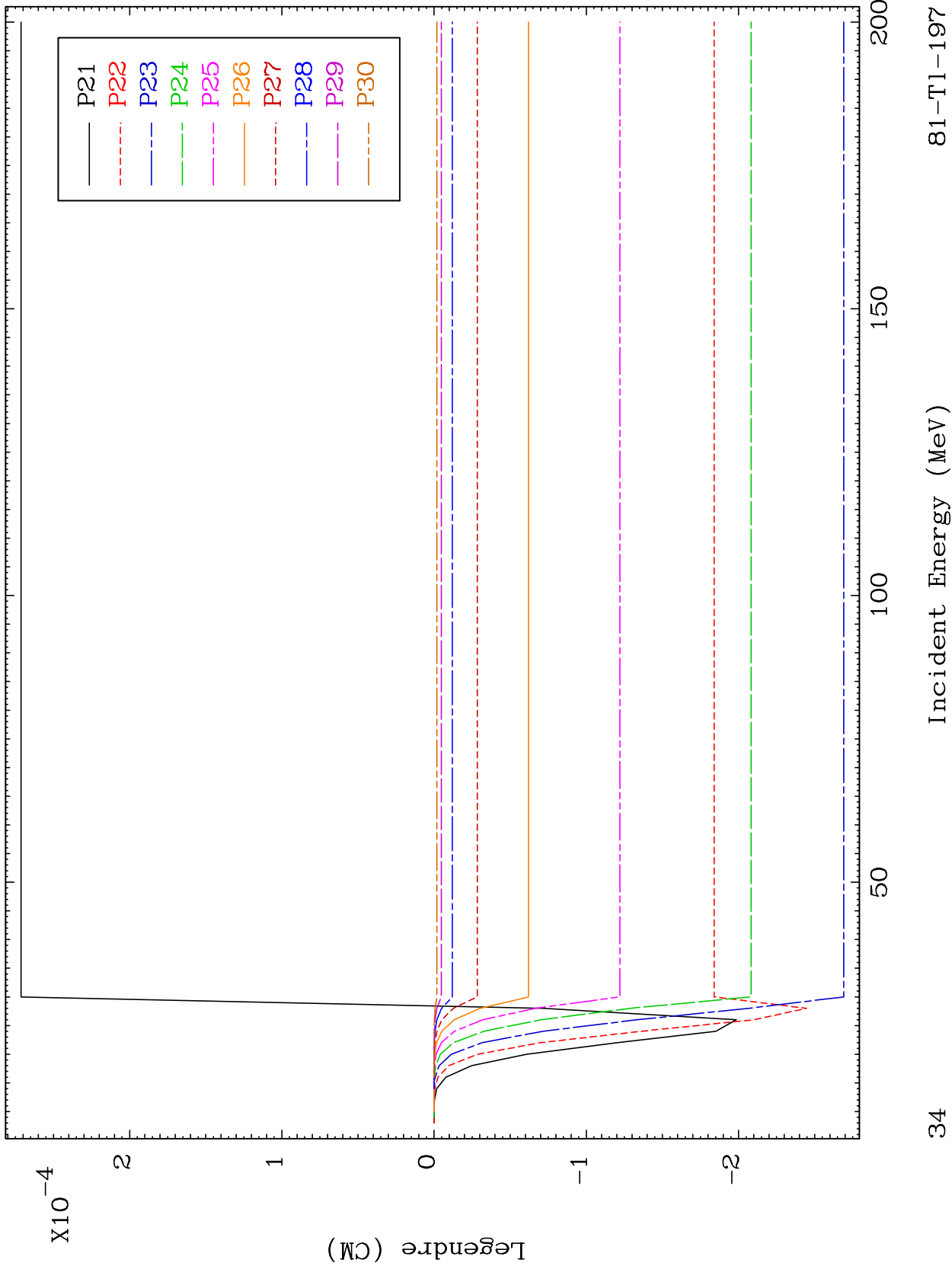


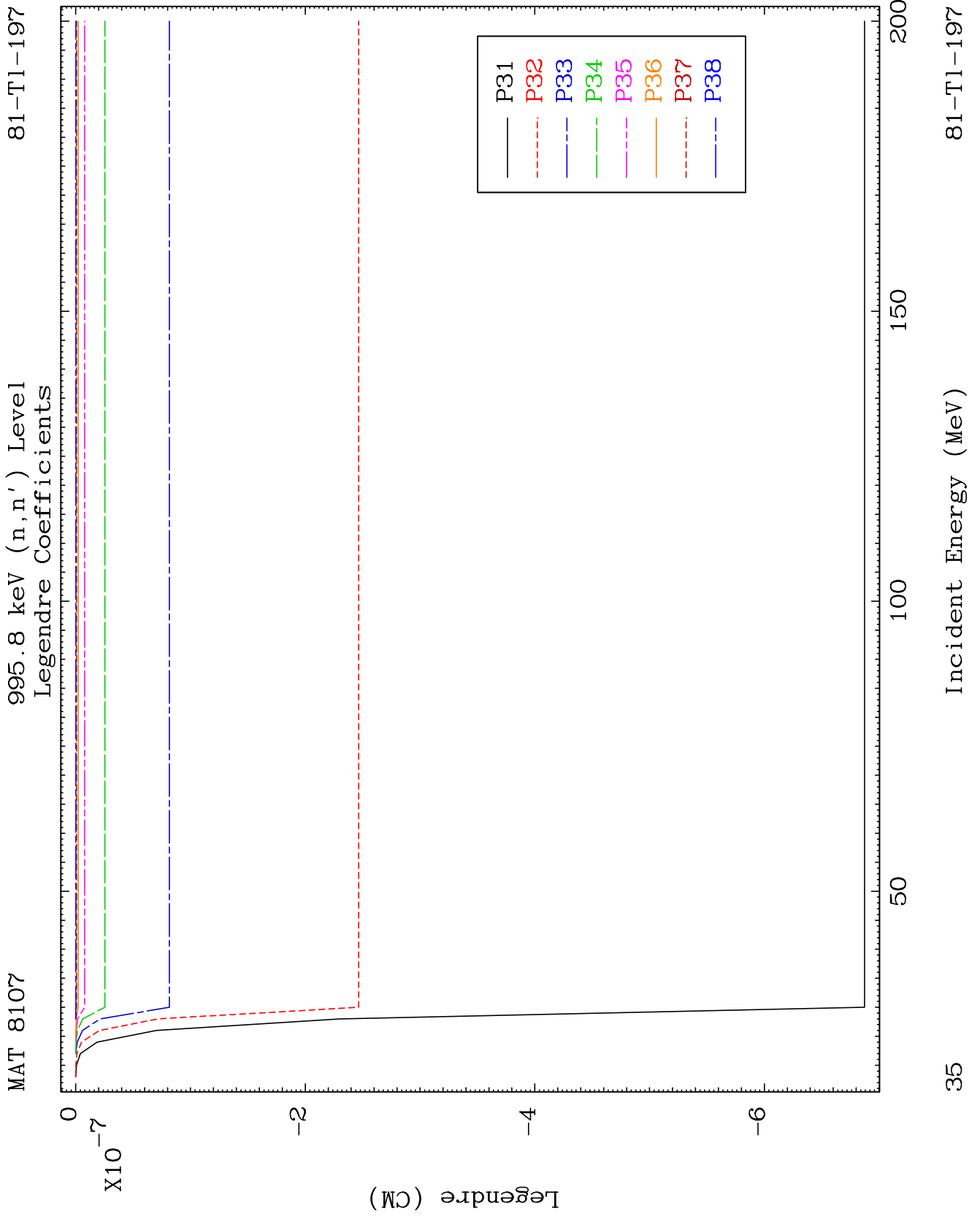
31

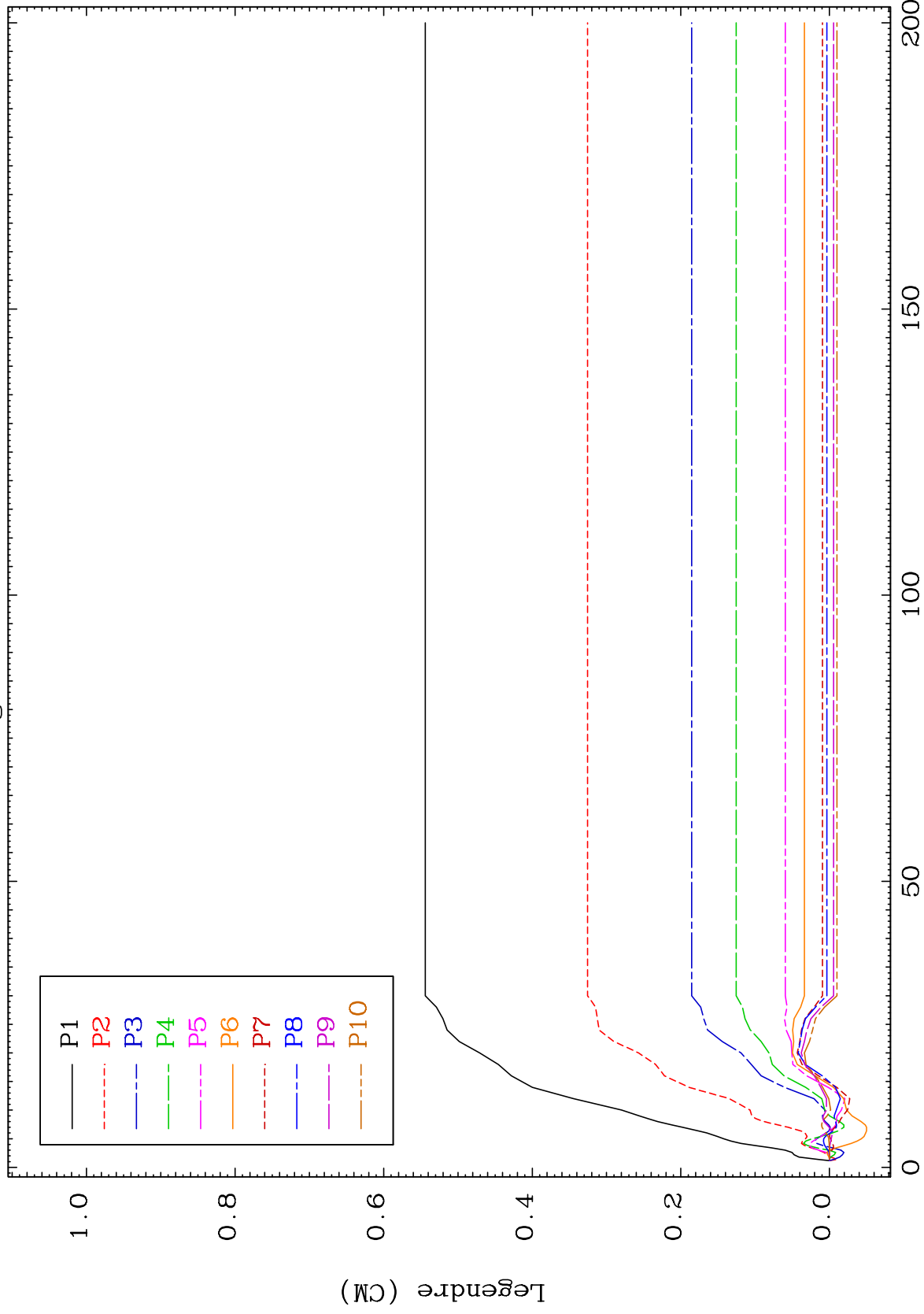
Incident Energy (MeV)

81-T1-197





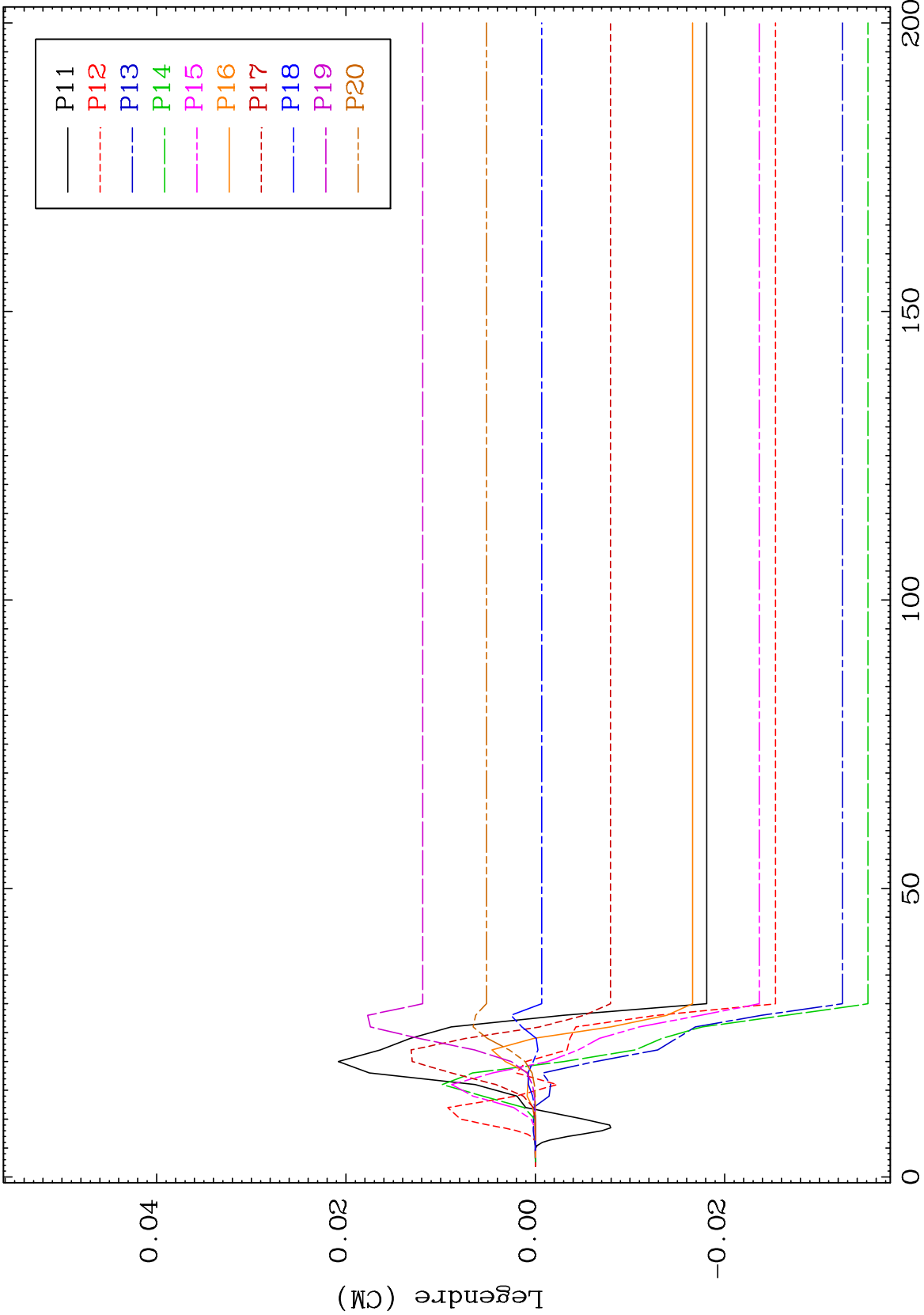




MAT 8107

1.156 MeV (n,n') Level Legendre Coefficients

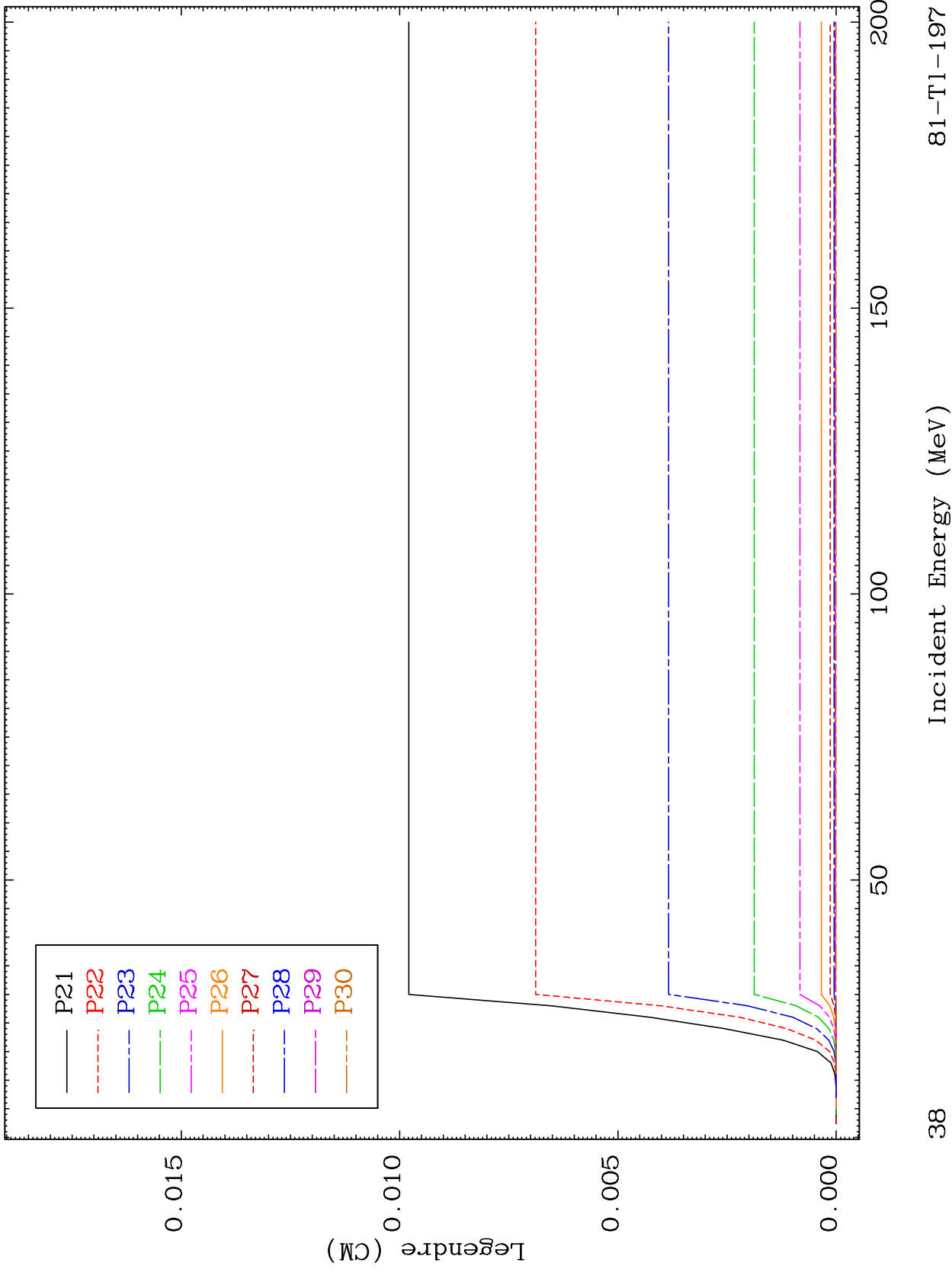
81-T1-197



37

Incident Energy (MeV)

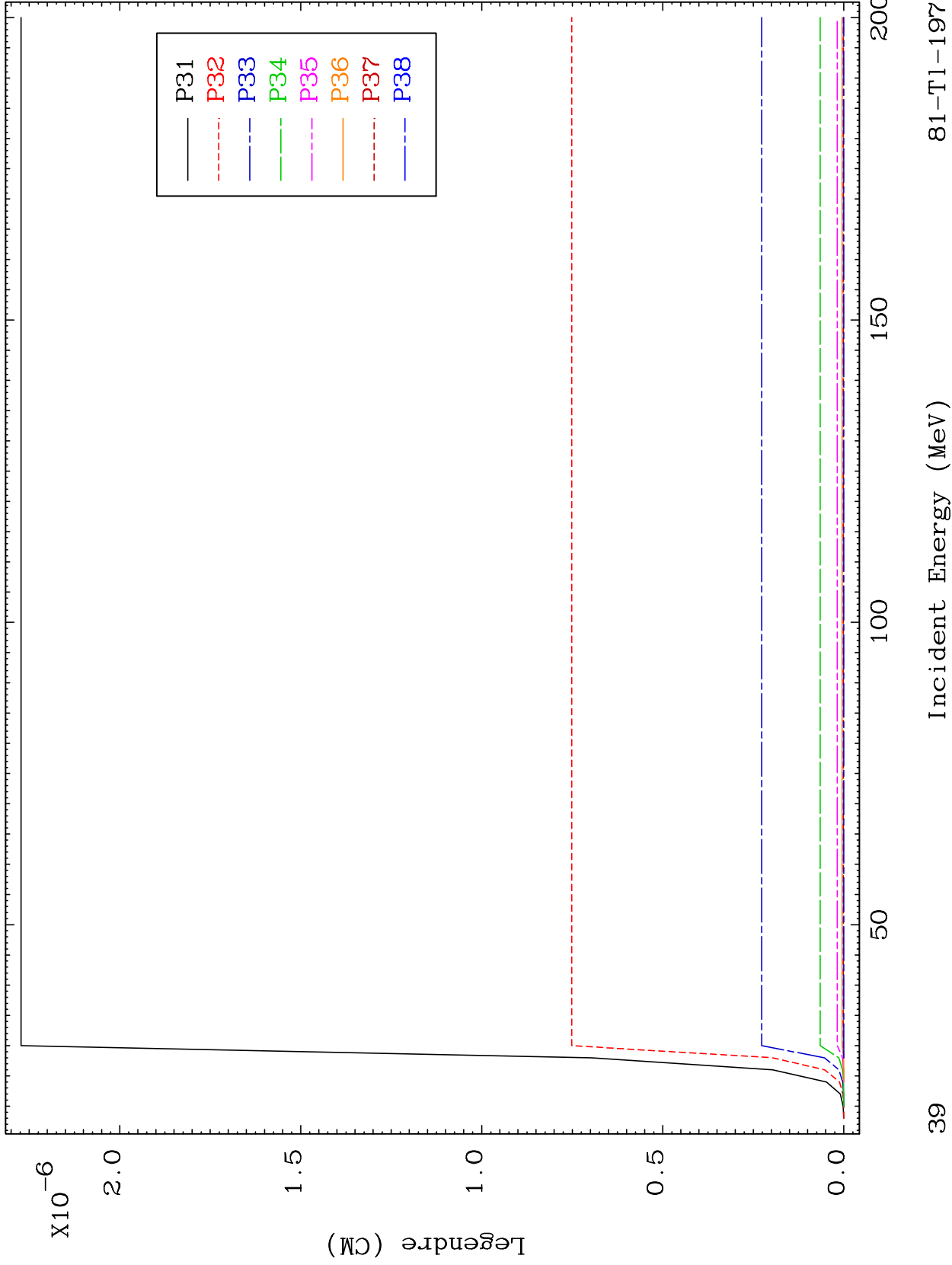
81-T1-197

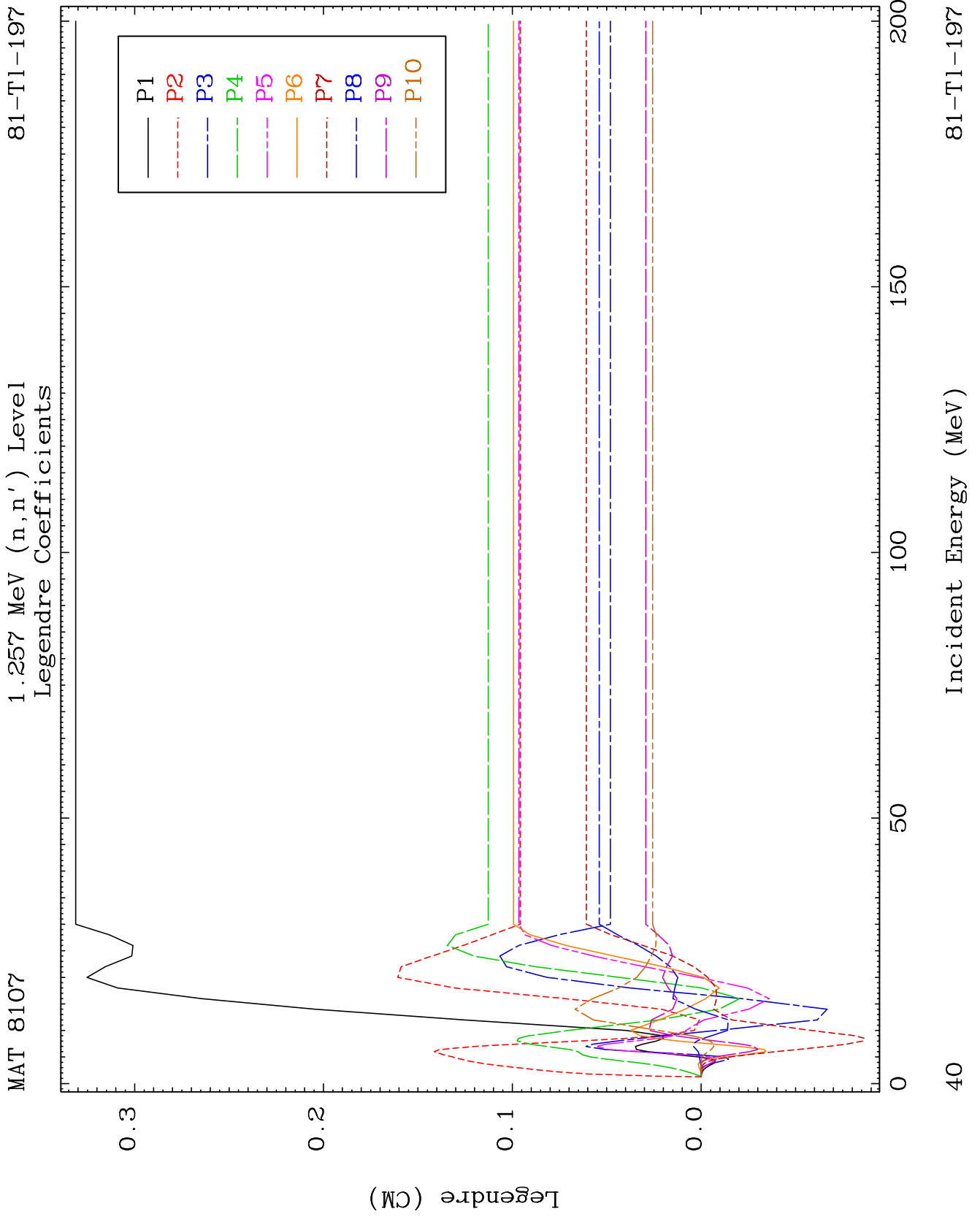


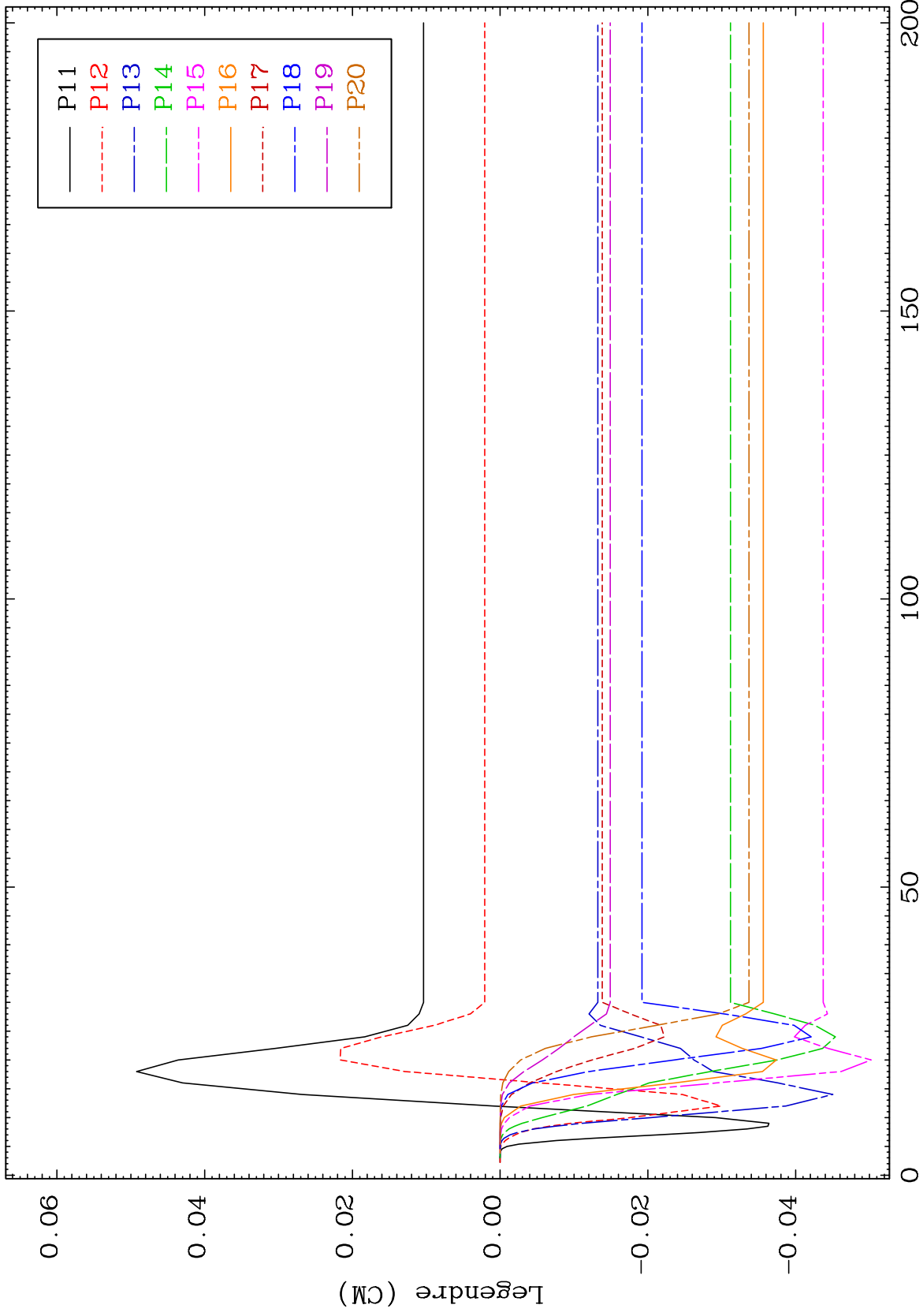
MAT 8107

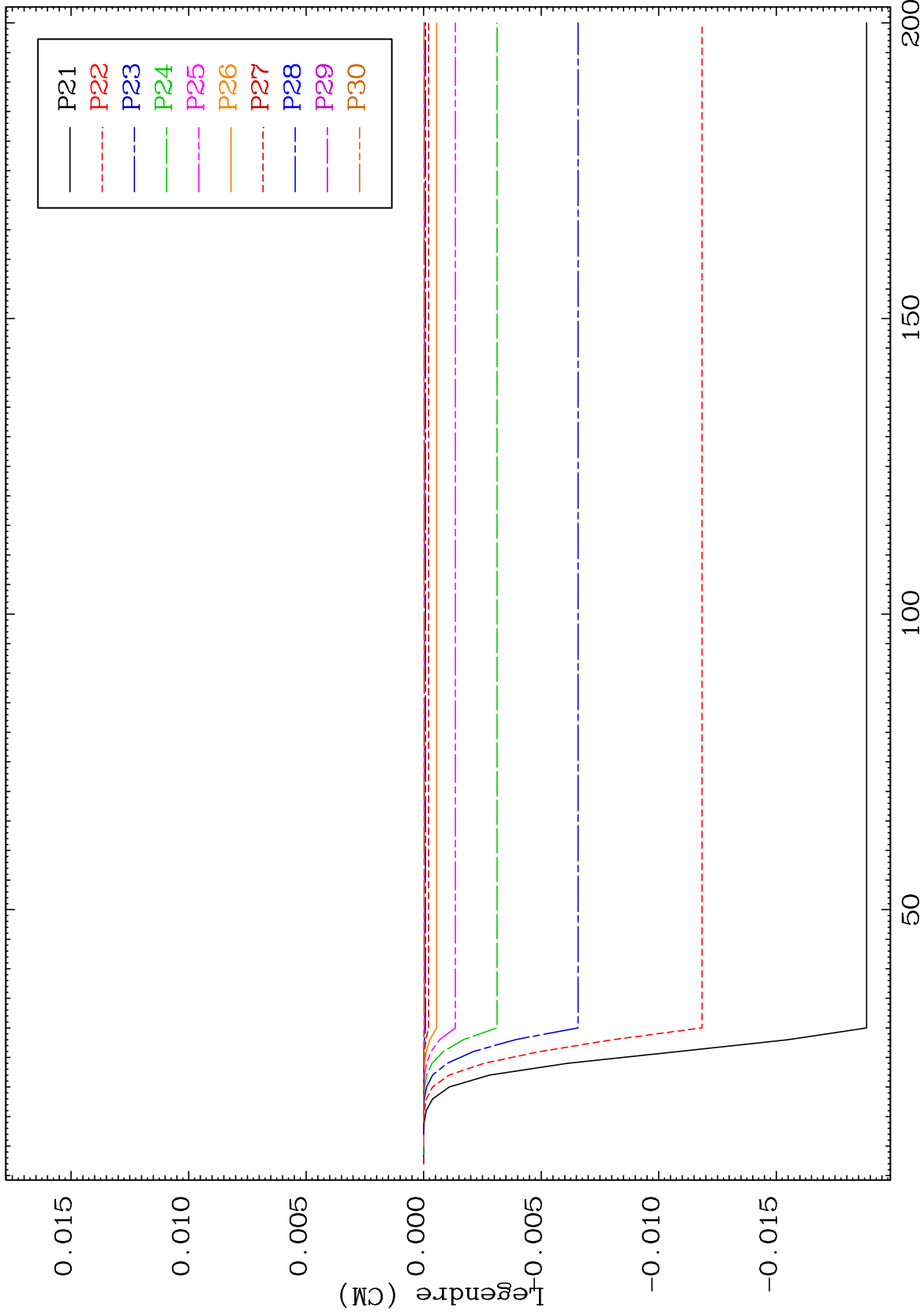
1.156 MeV (n,n') Level
Legendre Coefficients

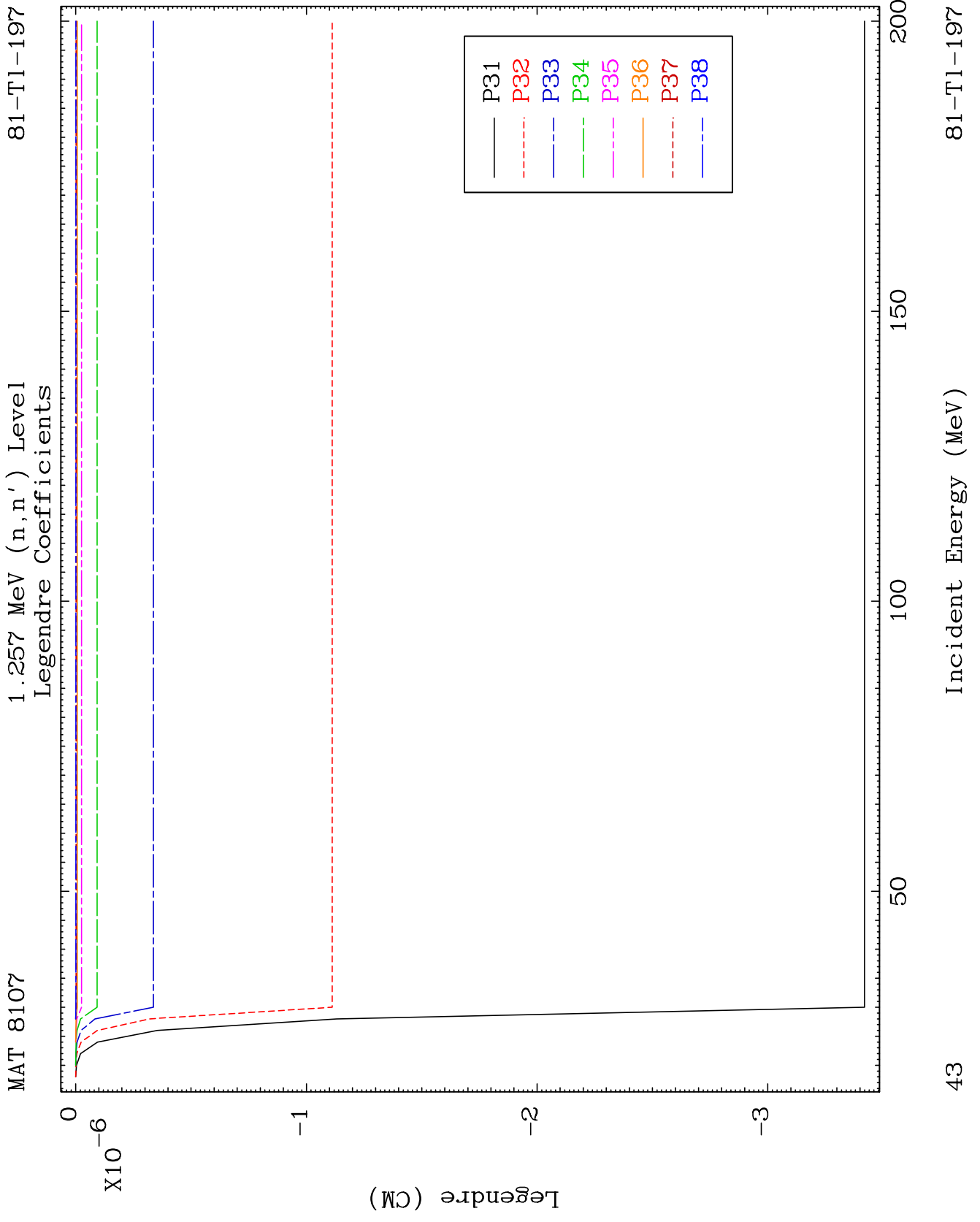
81-T1-197

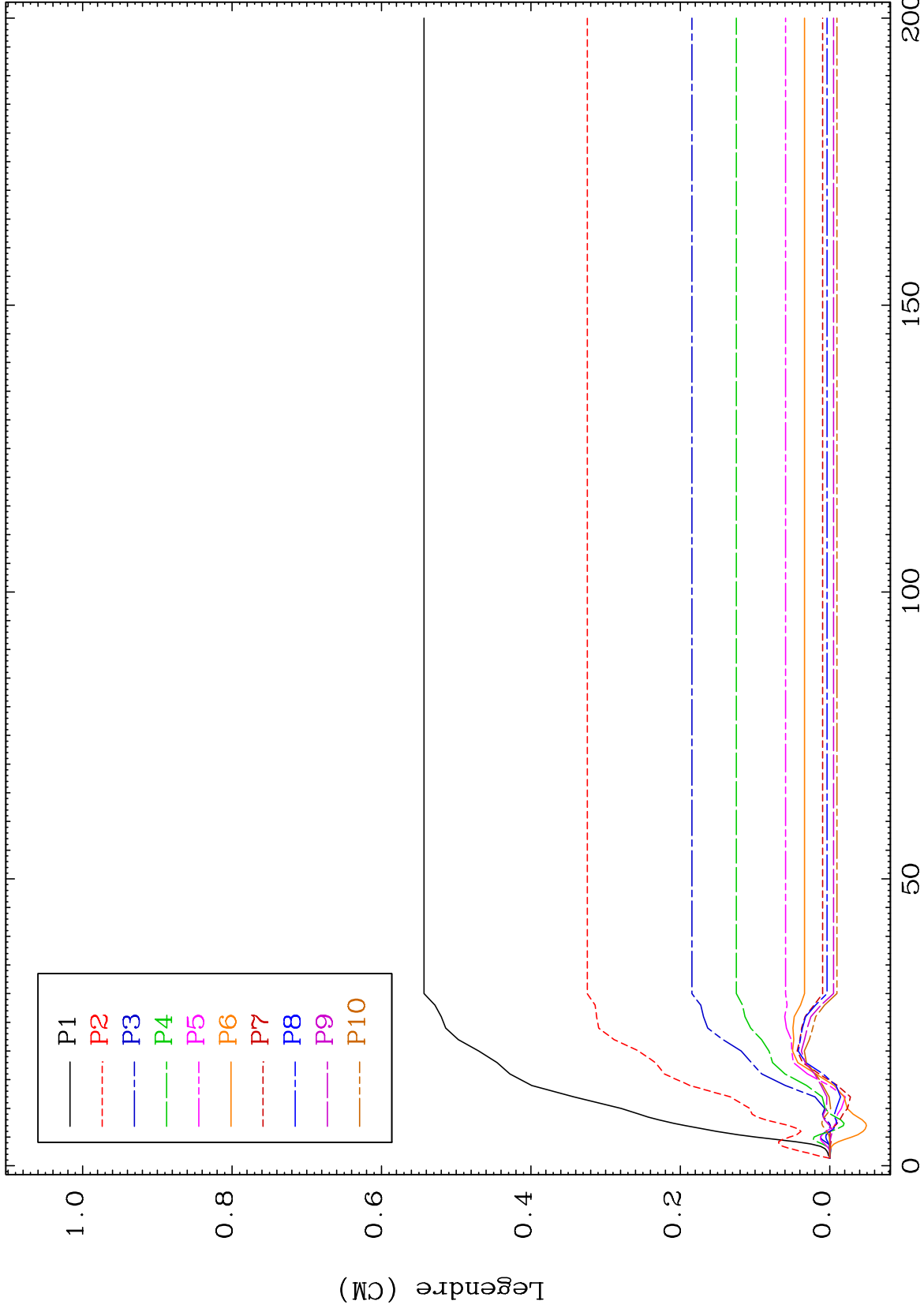








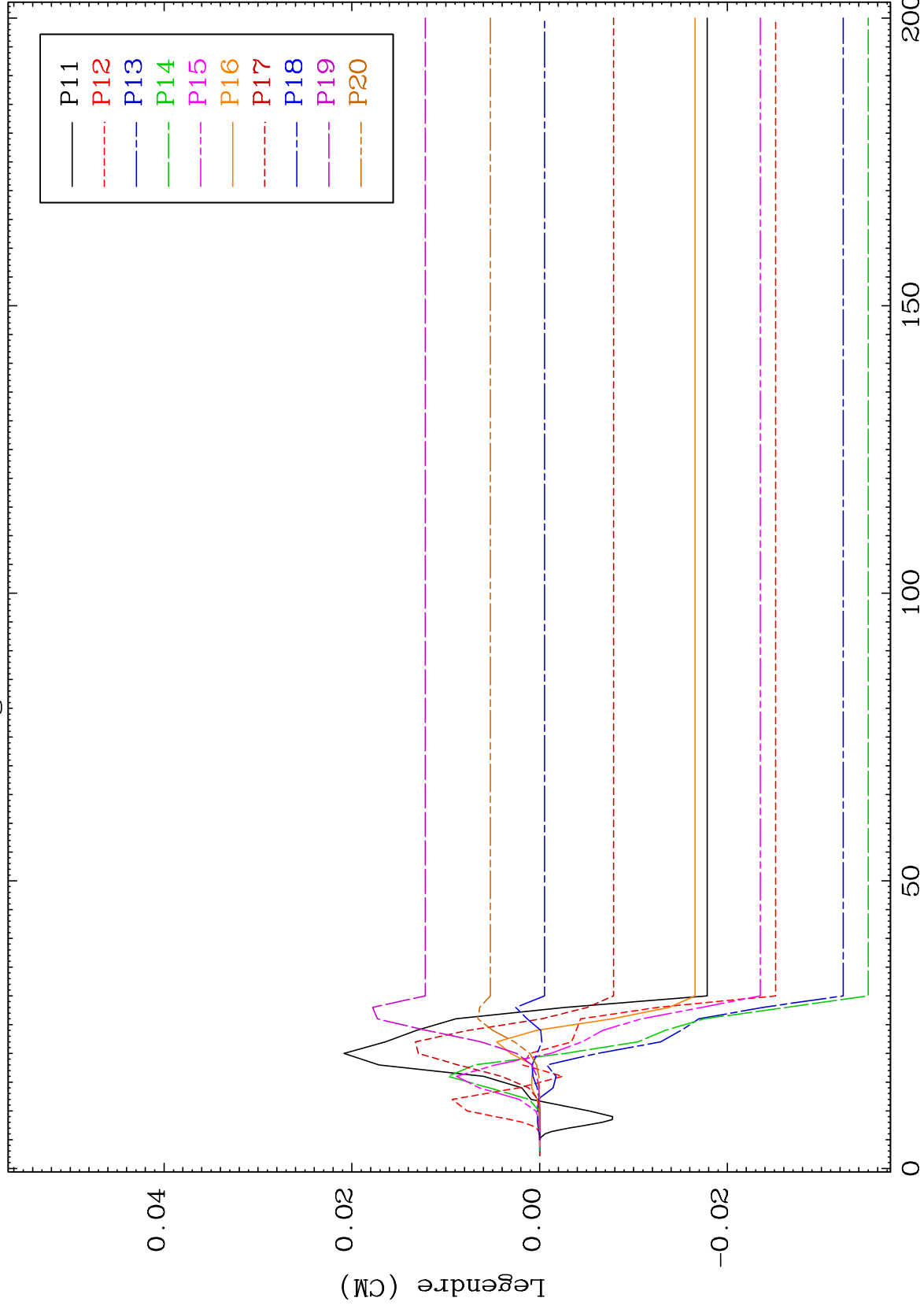




MAT 8107

1.282 MeV (n,n') Level
Legendre Coefficients

81-T1-197



45

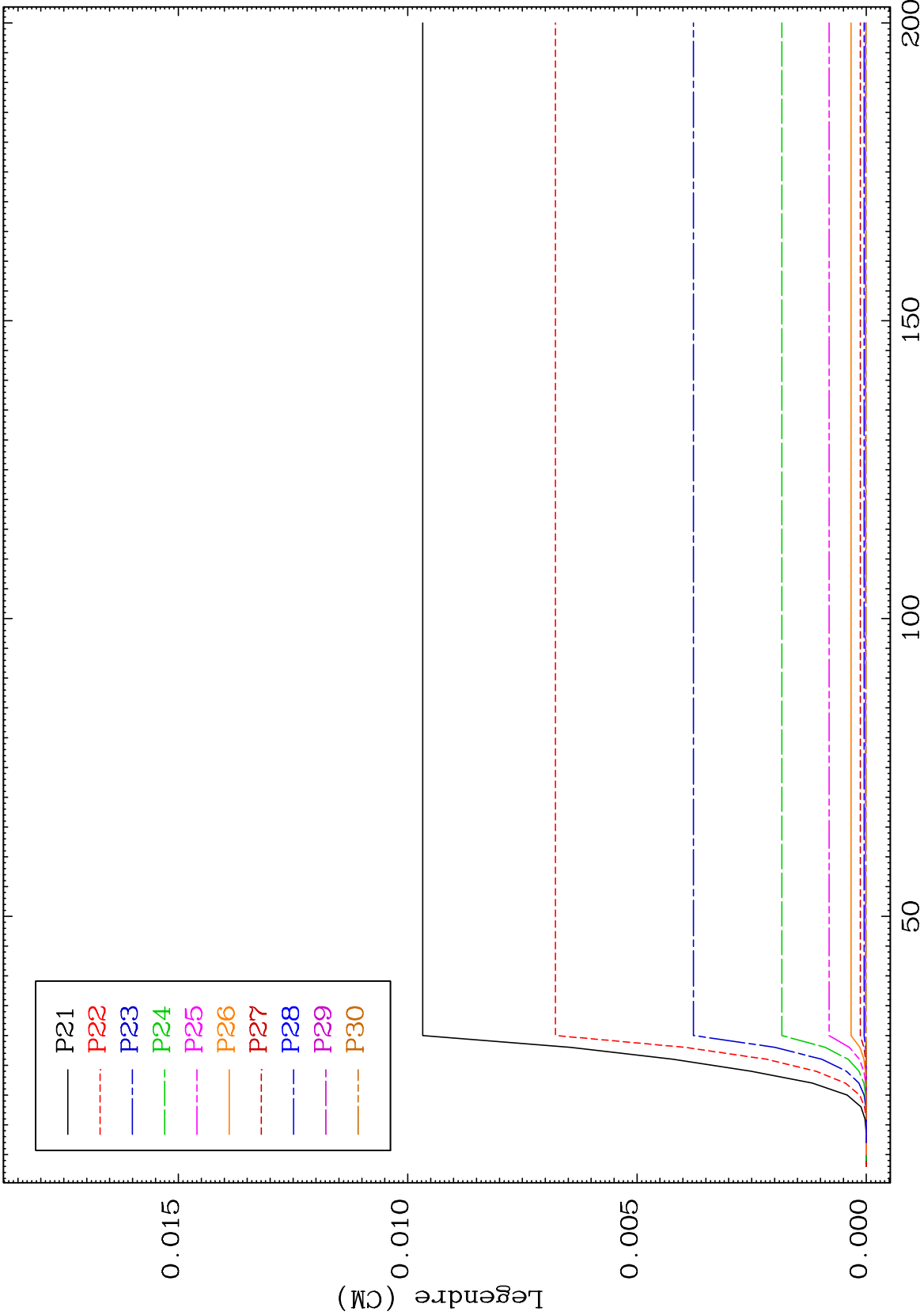
Incident Energy (MeV)

81-T1-197

MAT 8107

1.282 MeV (n,n') Level
Legendre Coefficients

81-T1-197



46

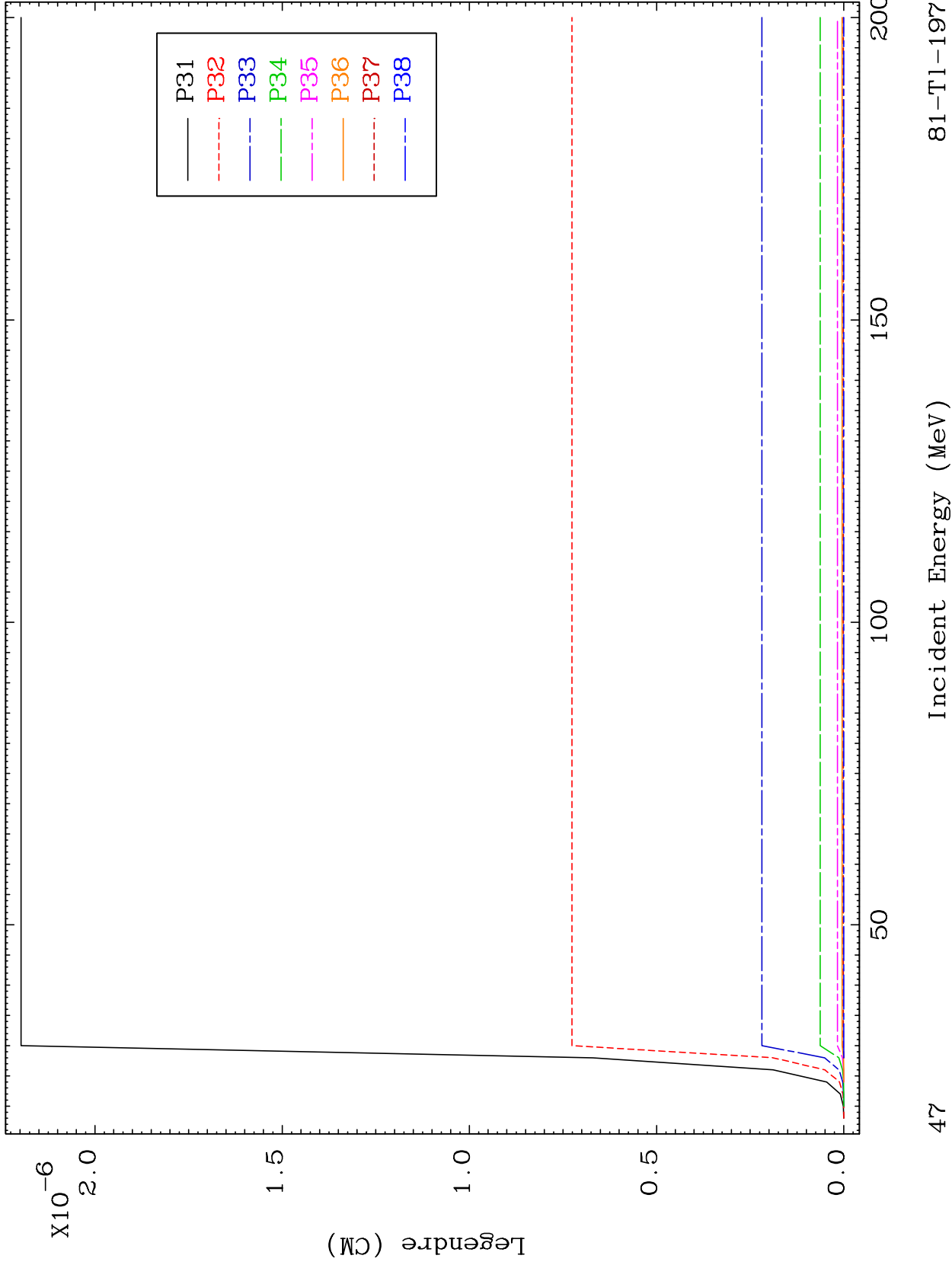
Incident Energy (MeV)

81-T1-197

MAT 8107

1.282 MeV (n,n') Level
Legendre Coefficients

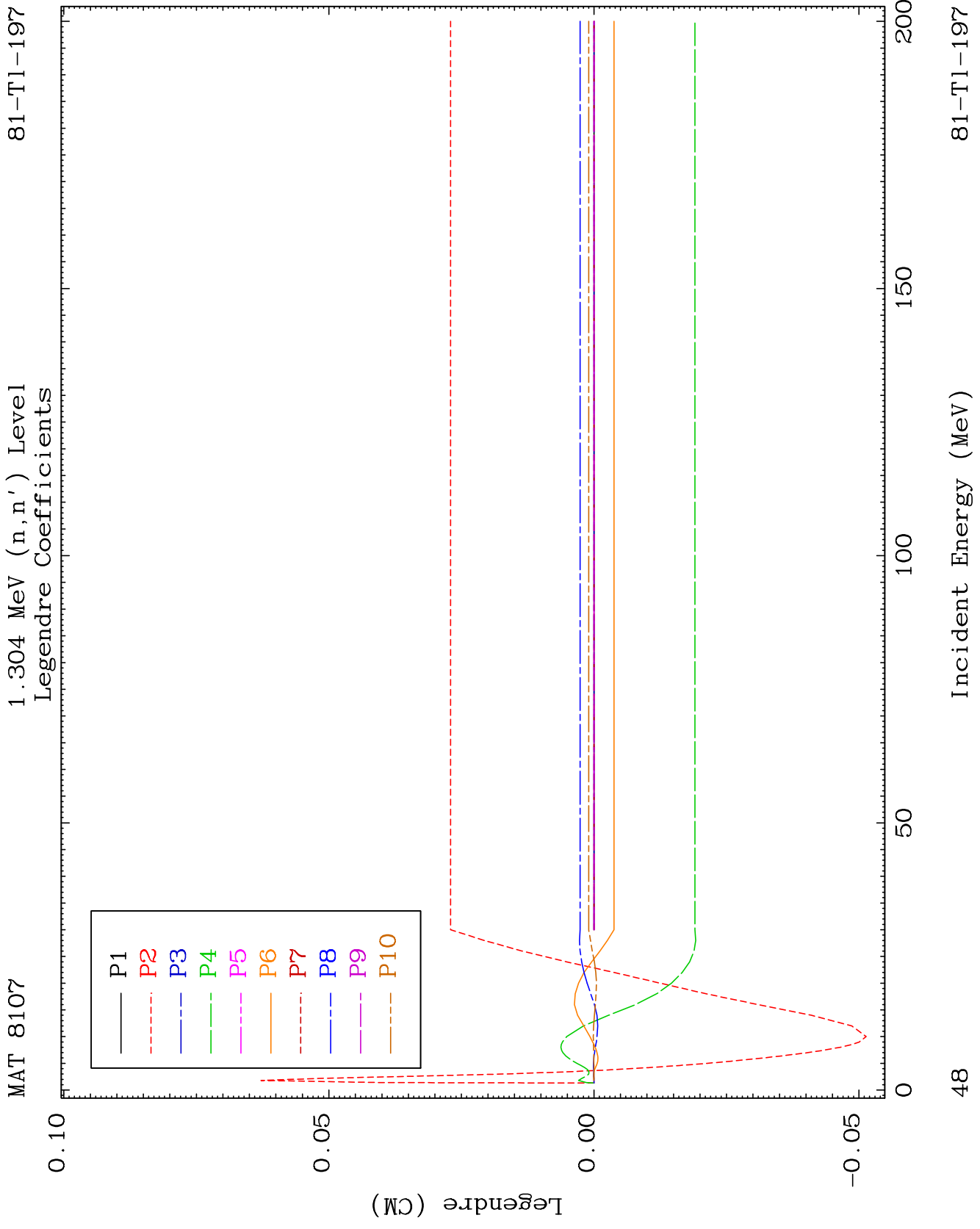
81-T1-197



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Incident Energy (MeV)

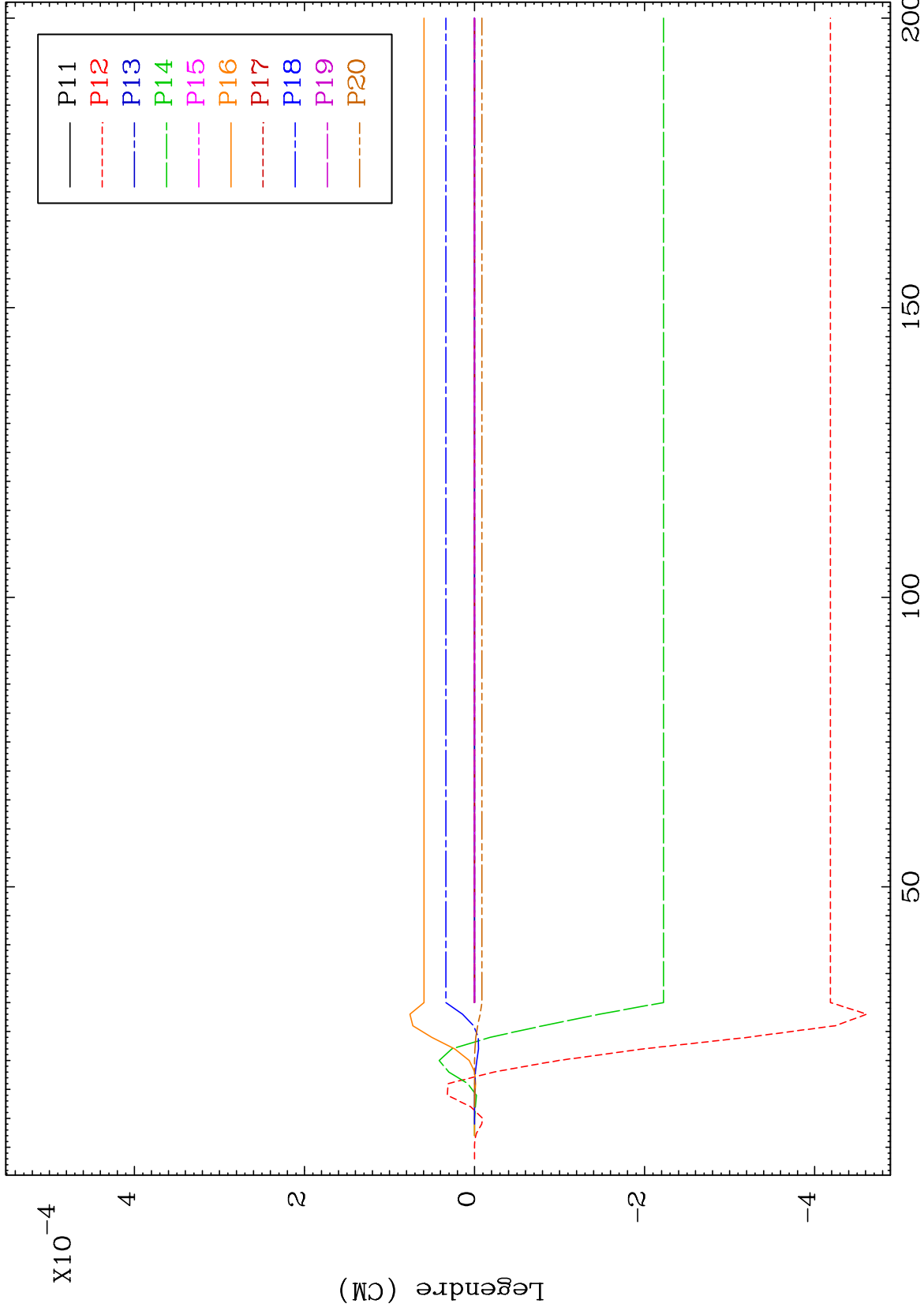
81-T1-197



MAT 8107

1.304 MeV (n,n') Level
Legendre Coefficients

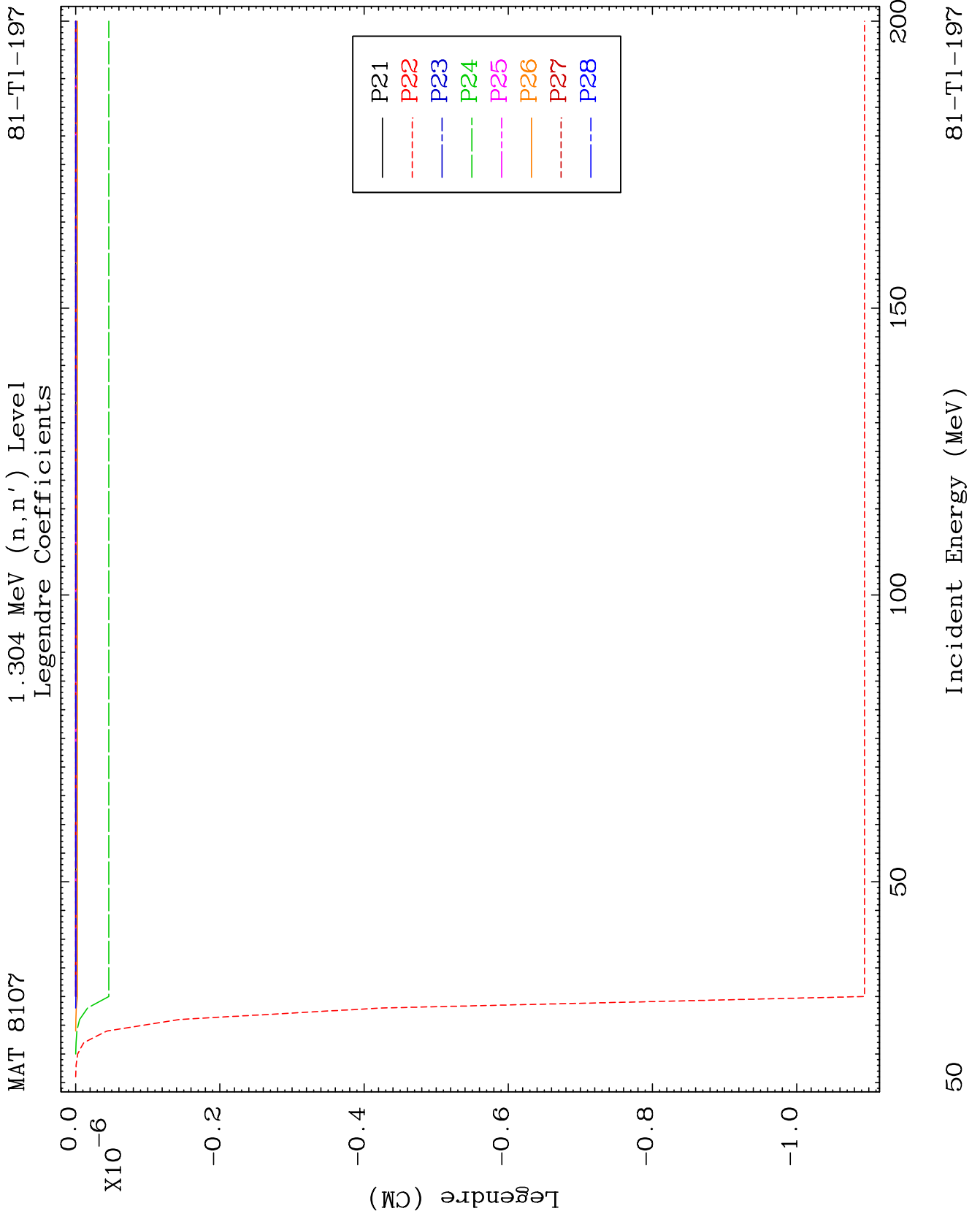
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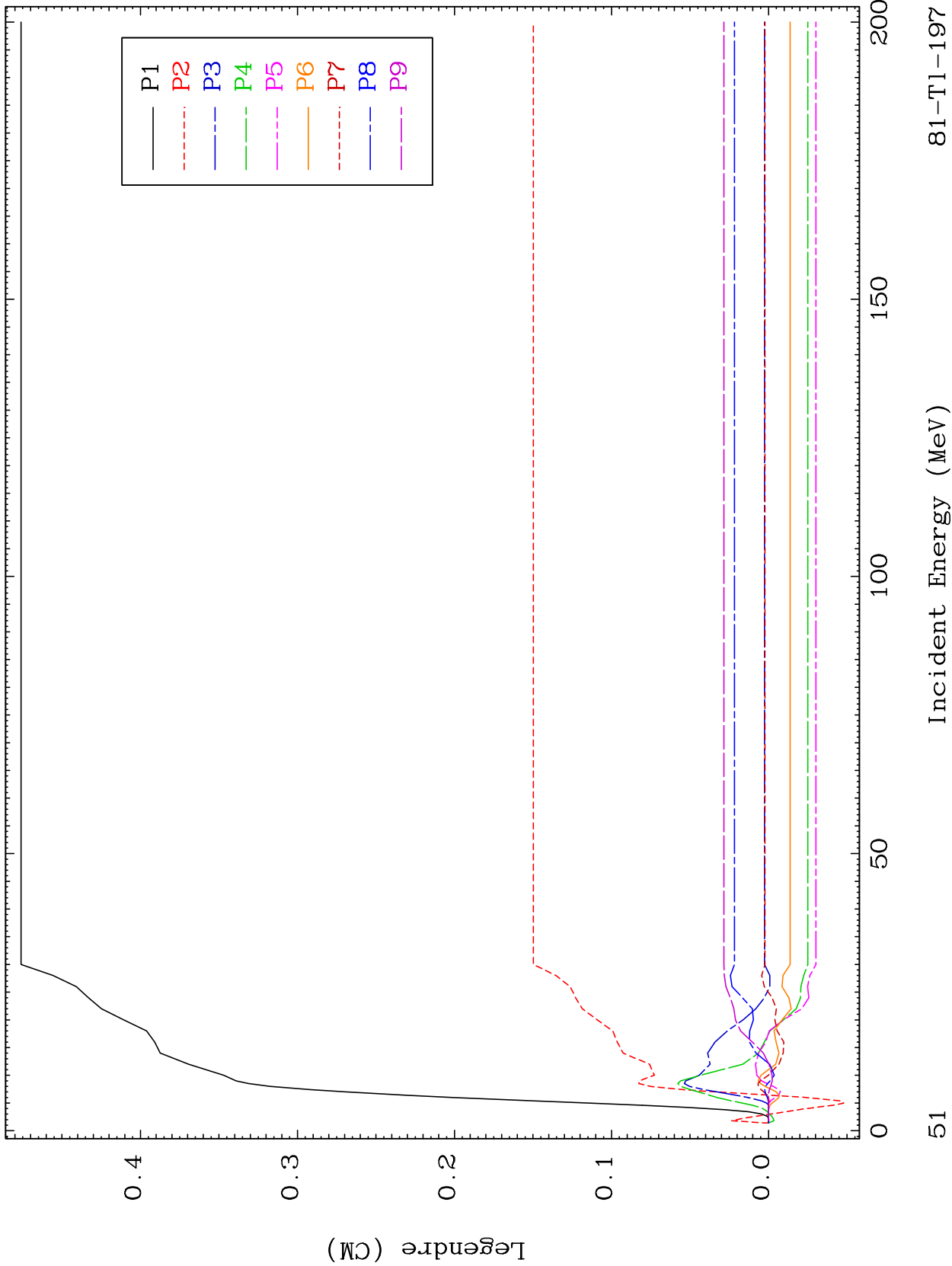


49

Incident Energy (MeV)

81-T1-197

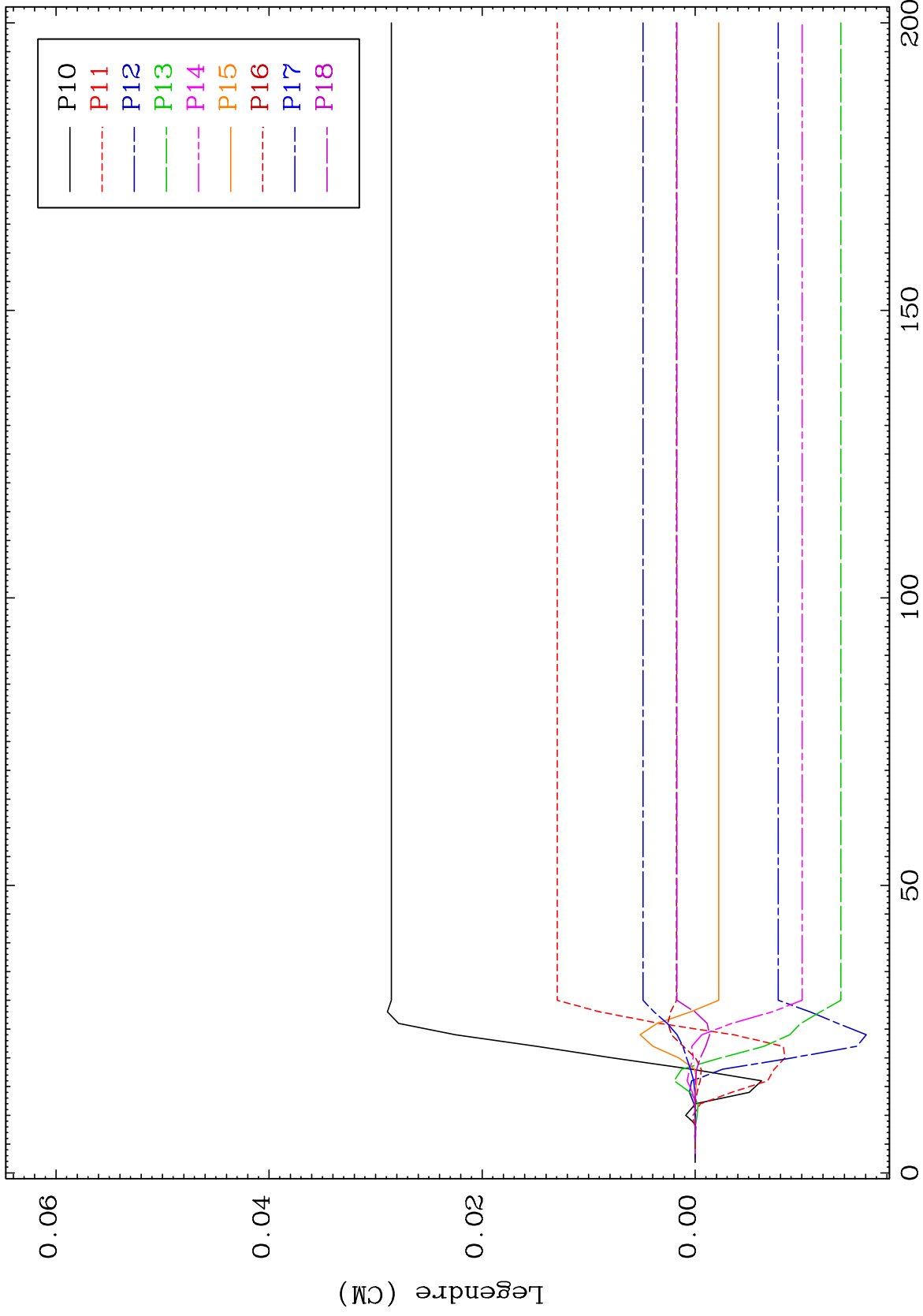




MAT 8107

1.383 MeV (n,n') Level
Legendre Coefficients

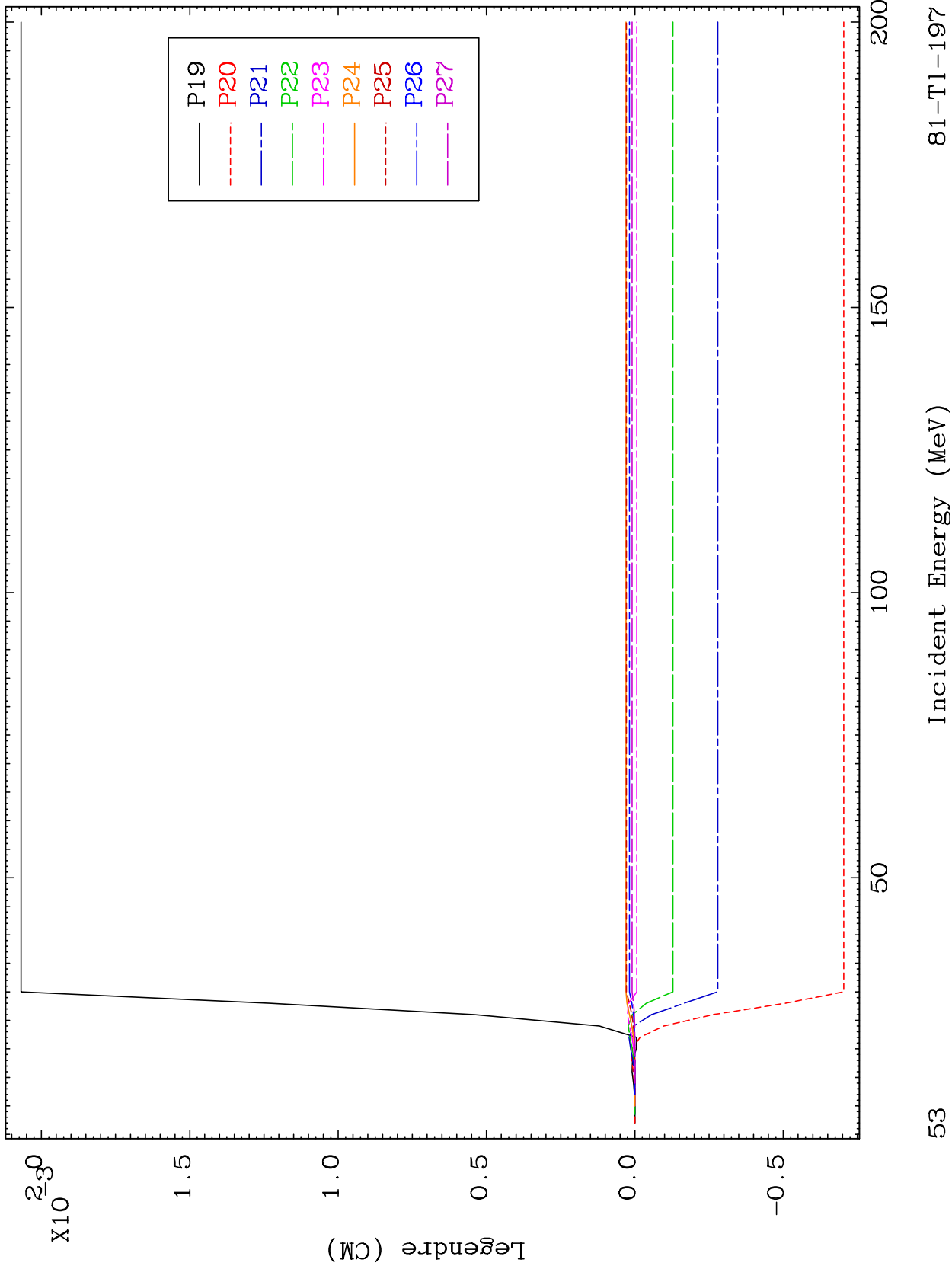
81-T1-197



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Incident Energy (MeV)

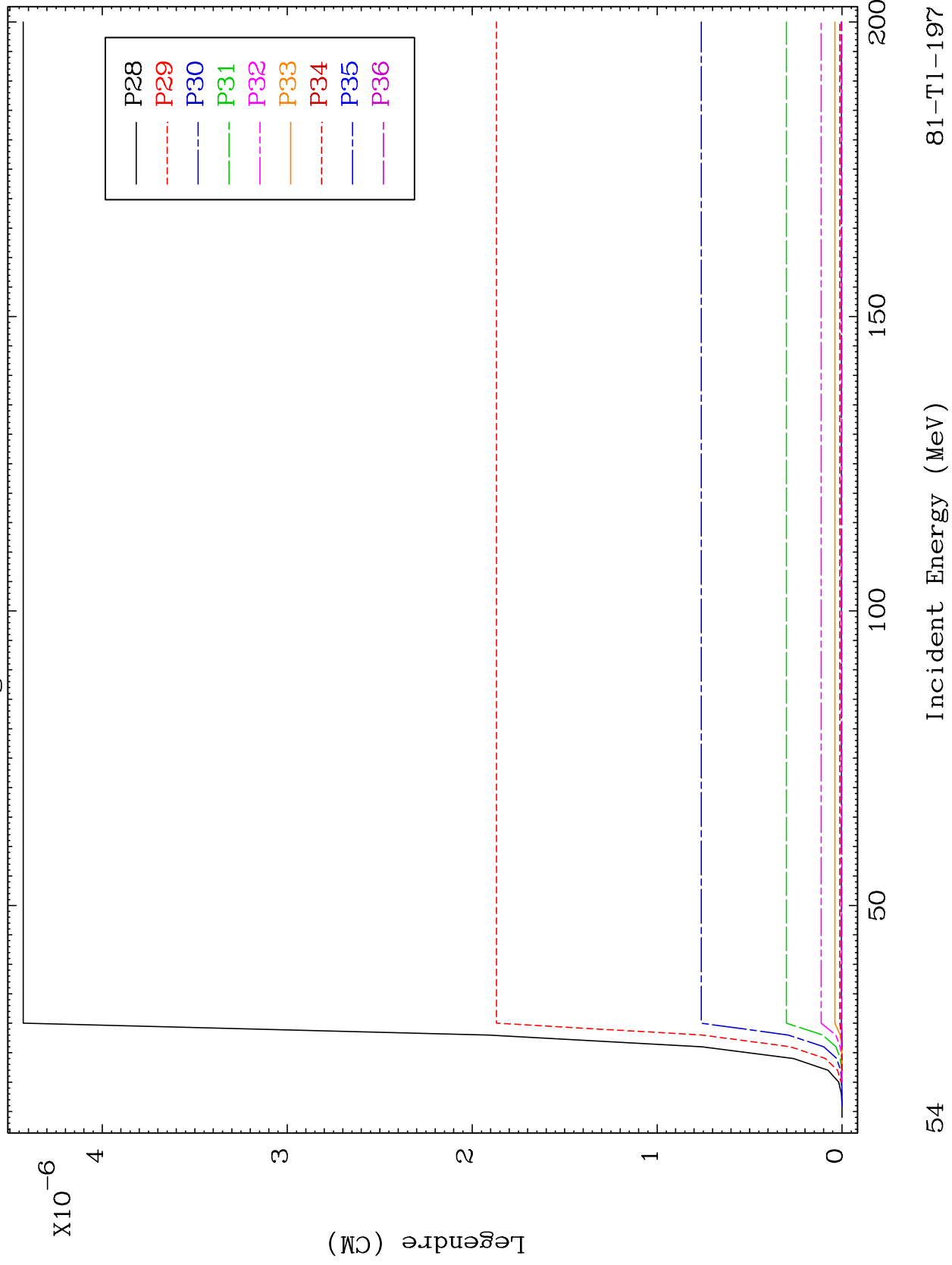
81-T1-197



MAT 8107

1.383 MeV (n,n') Level
Legendre Coefficients

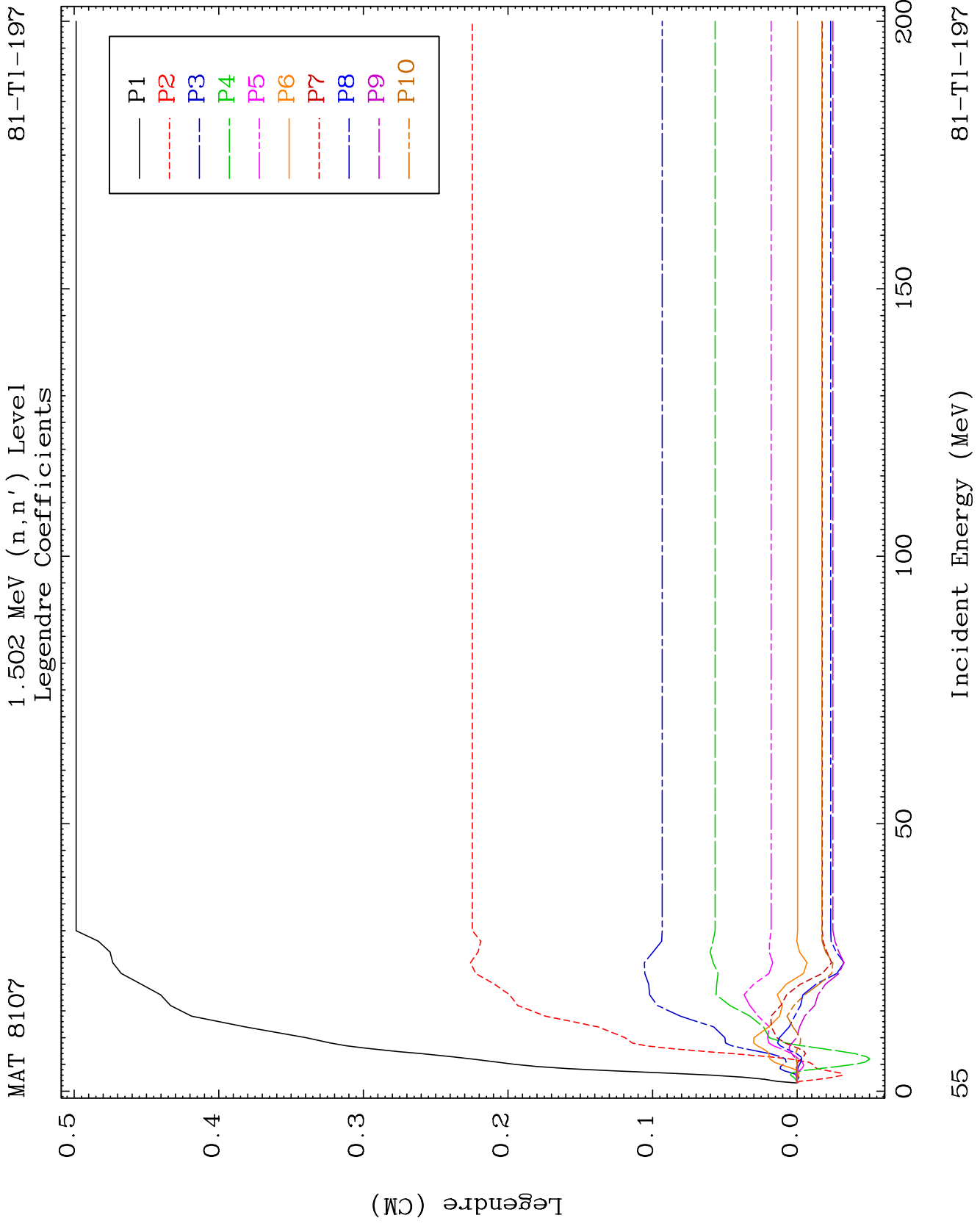
81-T1-197



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Incident Energy (MeV)

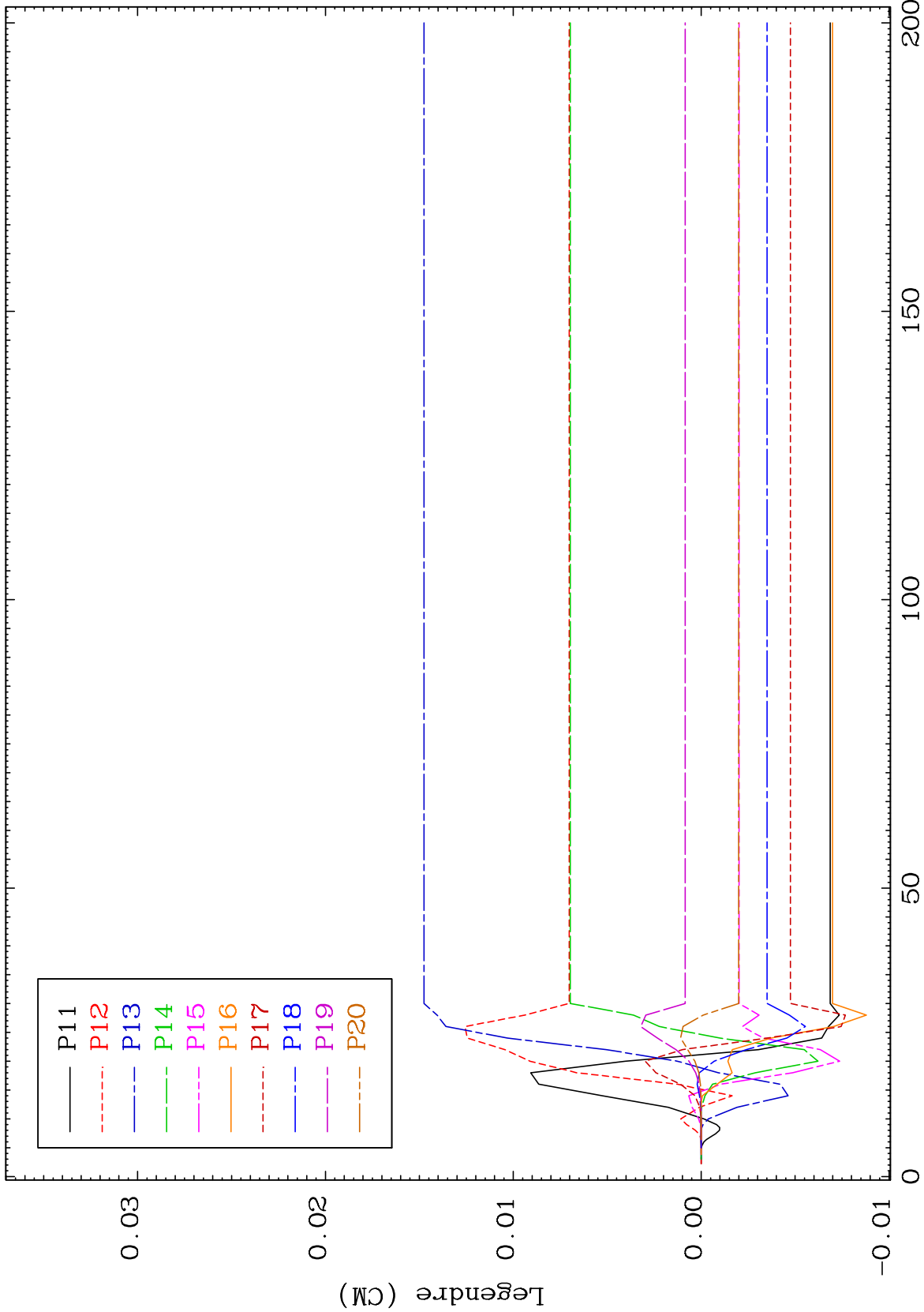
81-T1-197



MAT 8107

1.502 MeV (n,n') Level
Legendre Coefficients

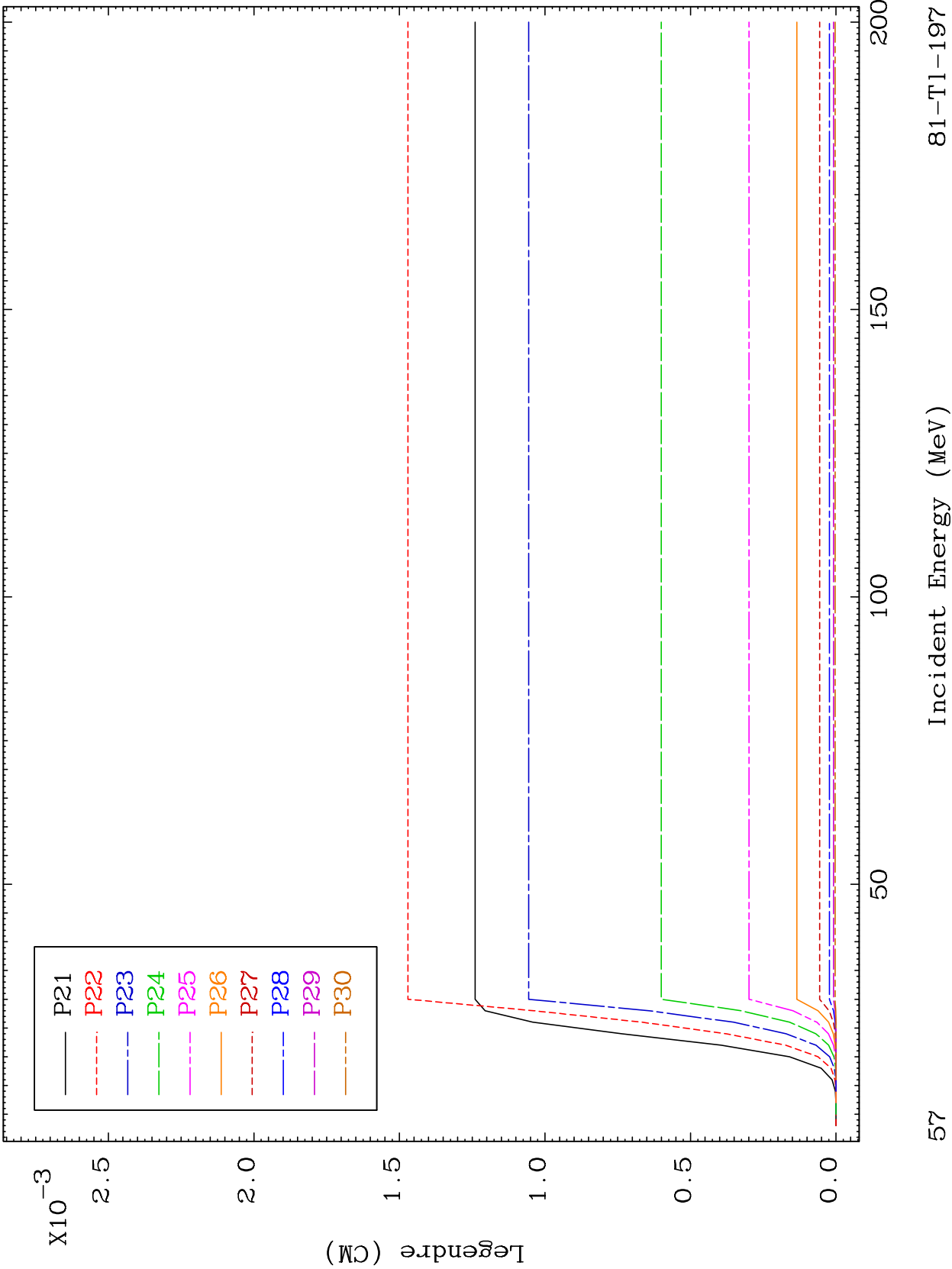
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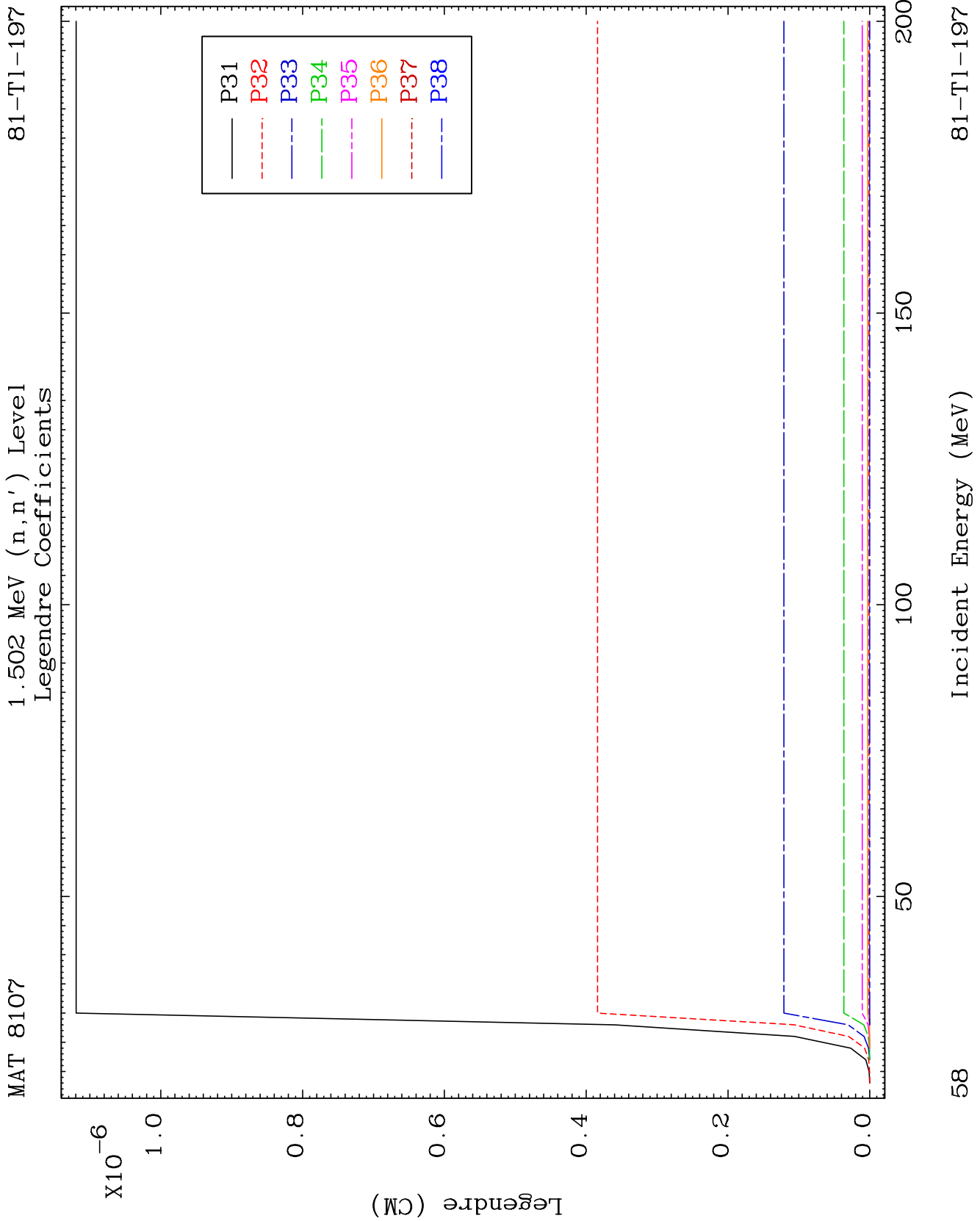


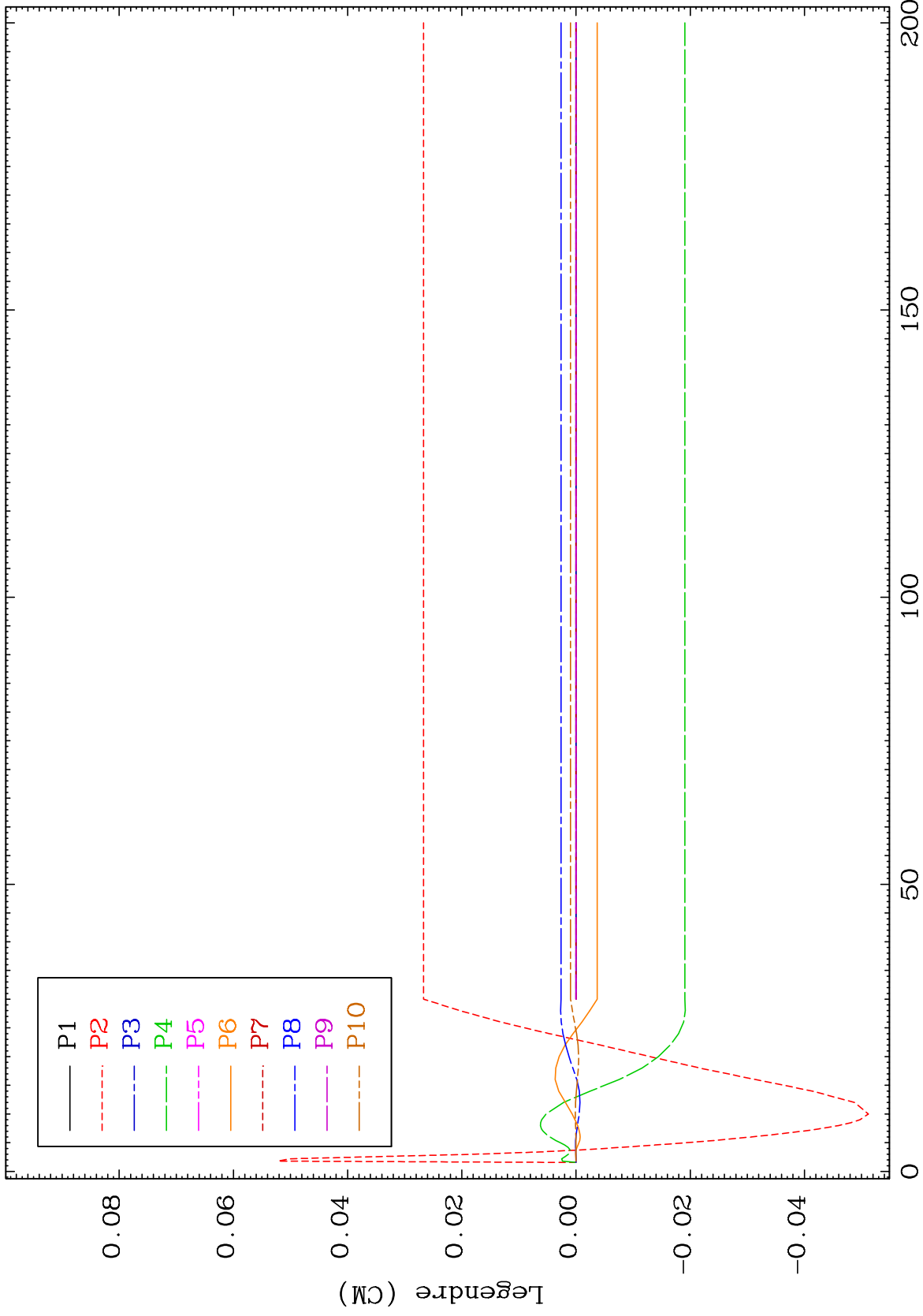
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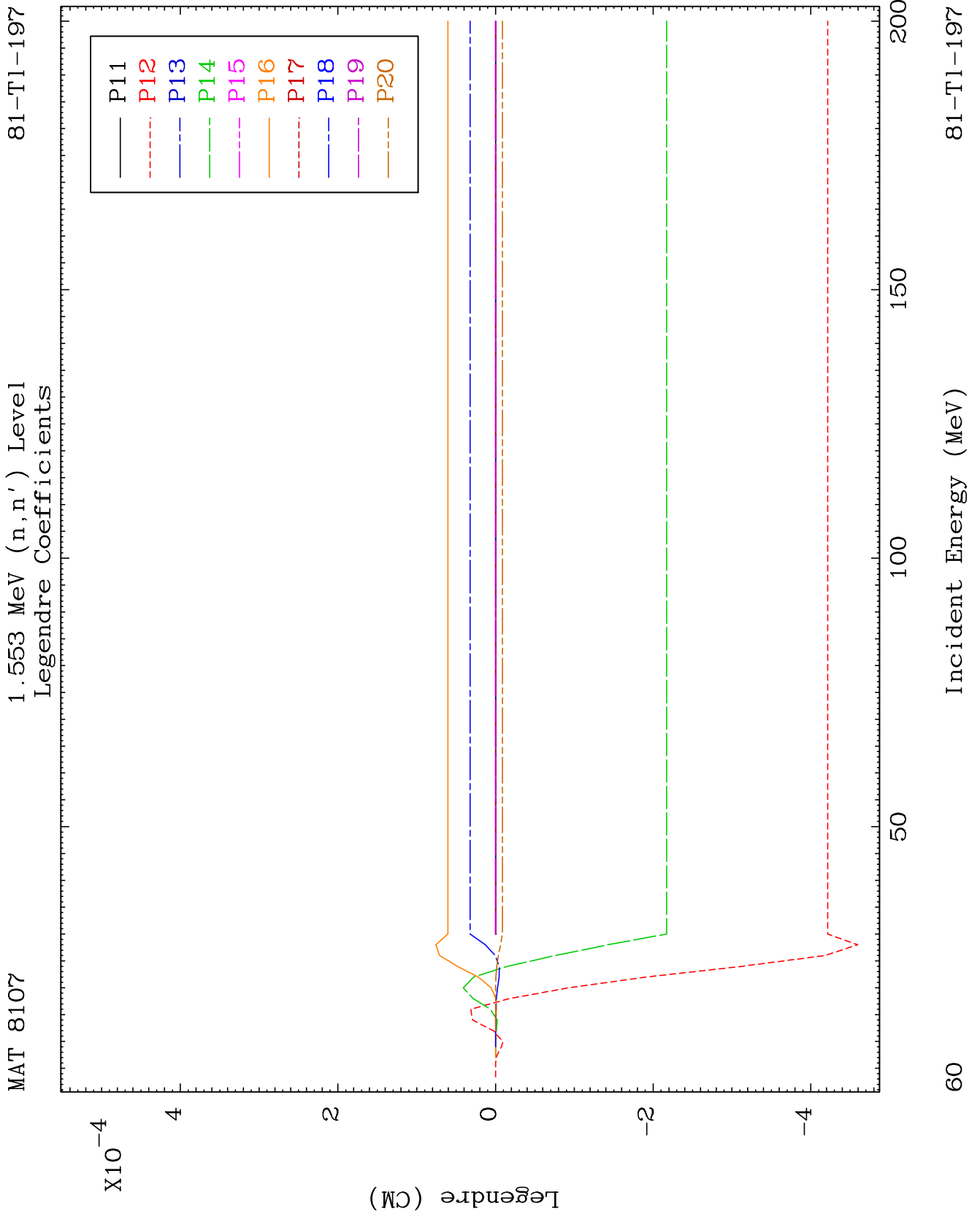
Incident Energy (MeV)

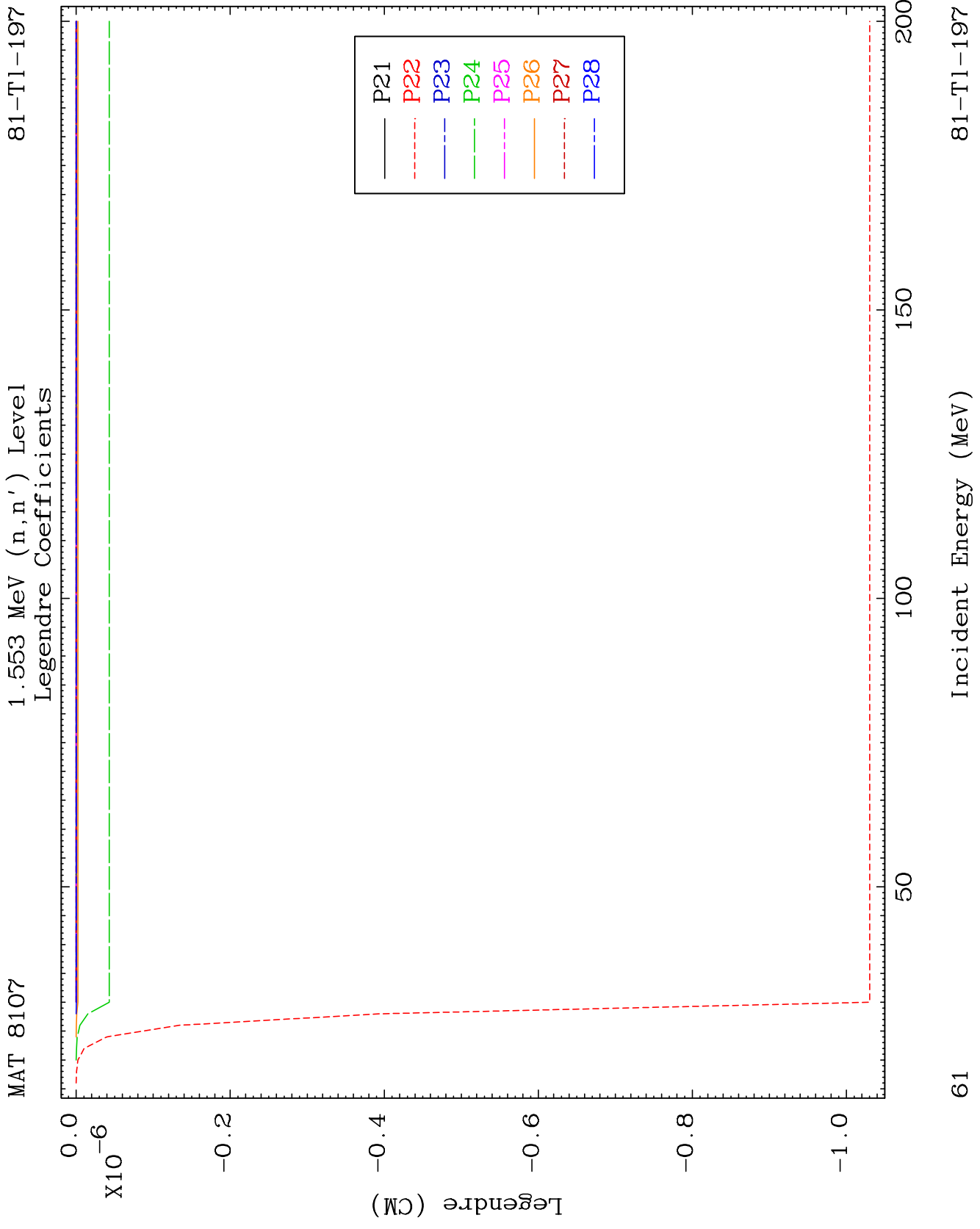
81-T1-197







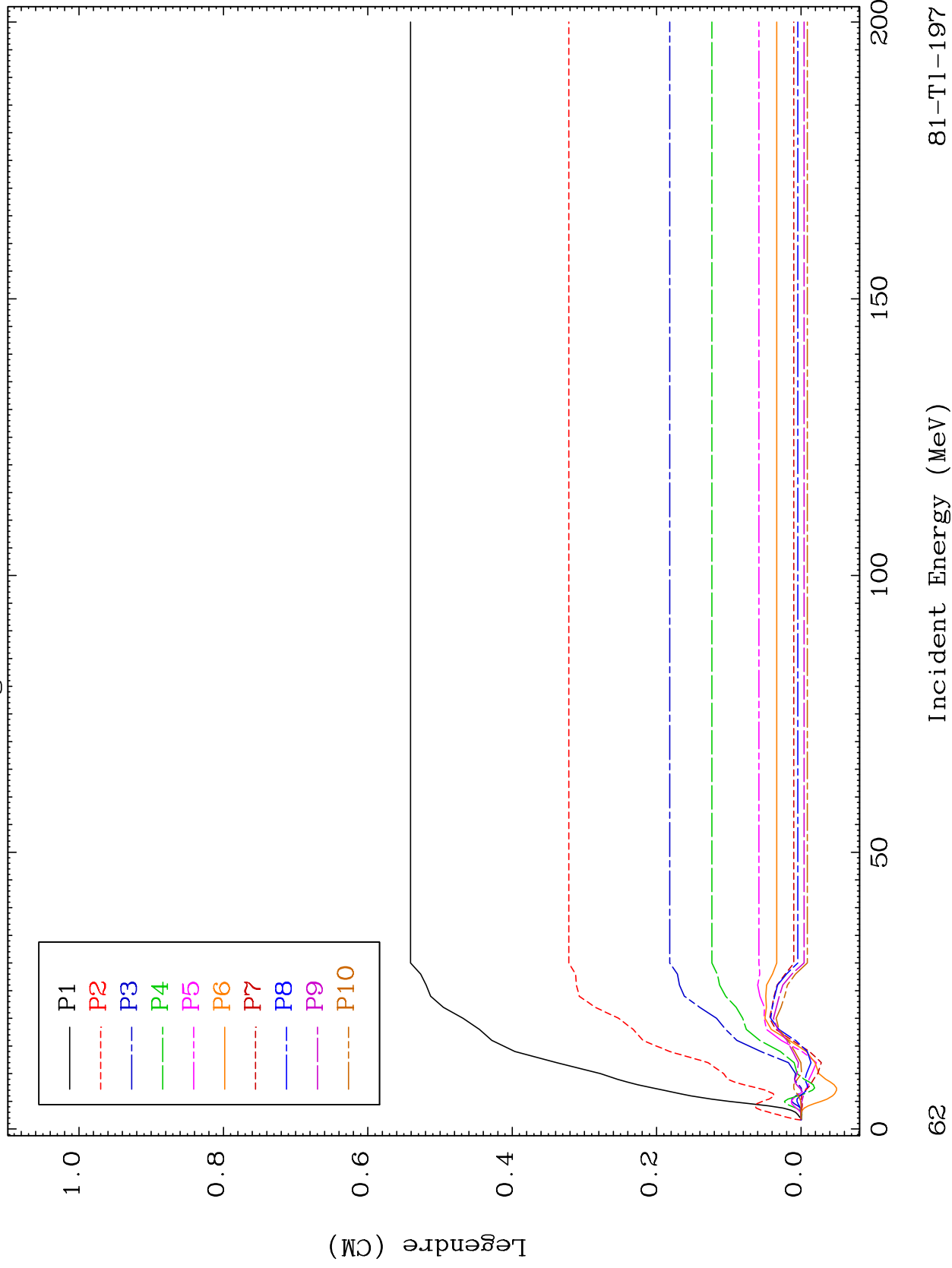




MAT 8107

1.605 MeV (n,n') Level
Legendre Coefficients

81-T1-197

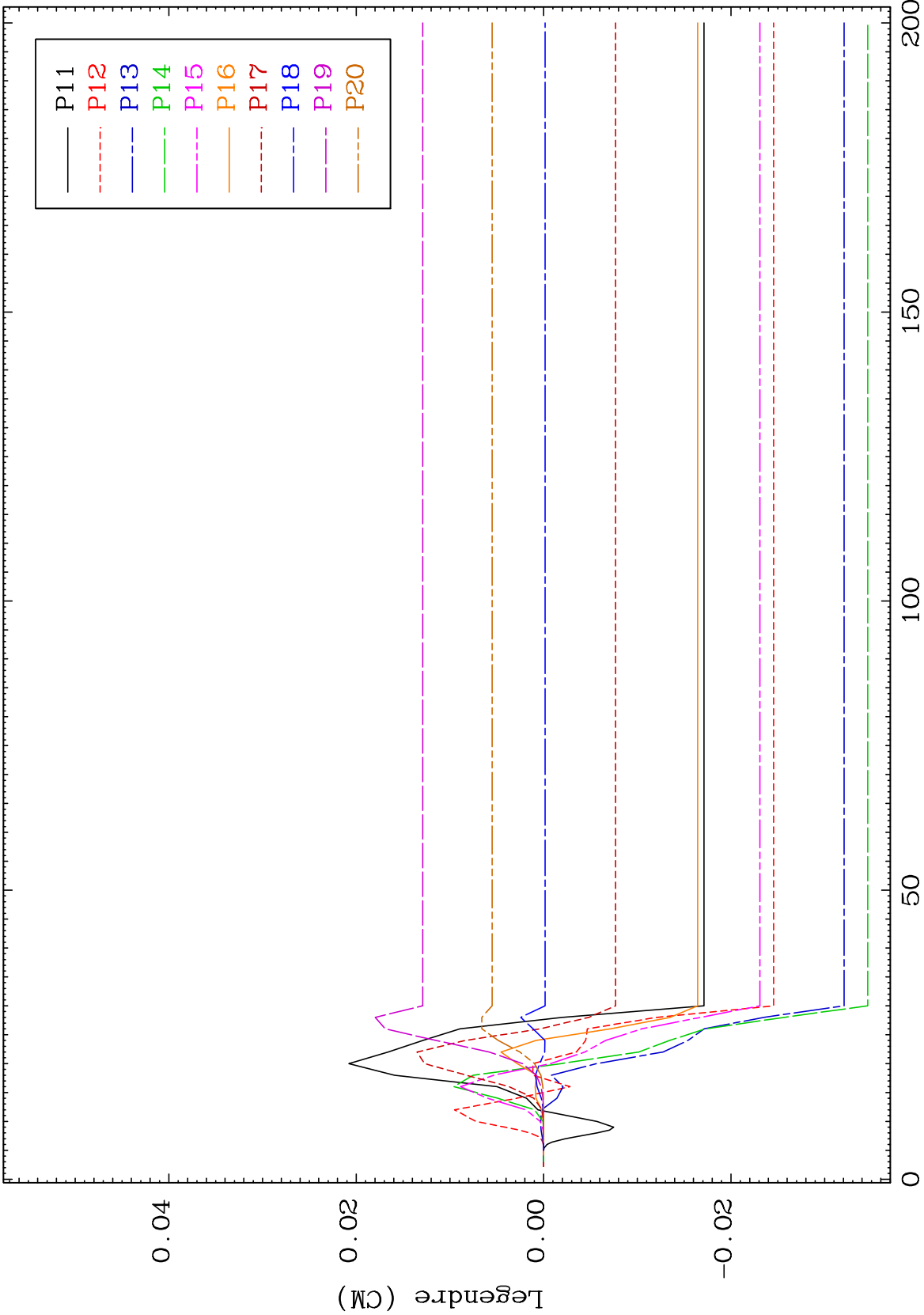


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MAT 8107

1.605 MeV (n,n') Level Legendre Coefficients

81-T1-197



63

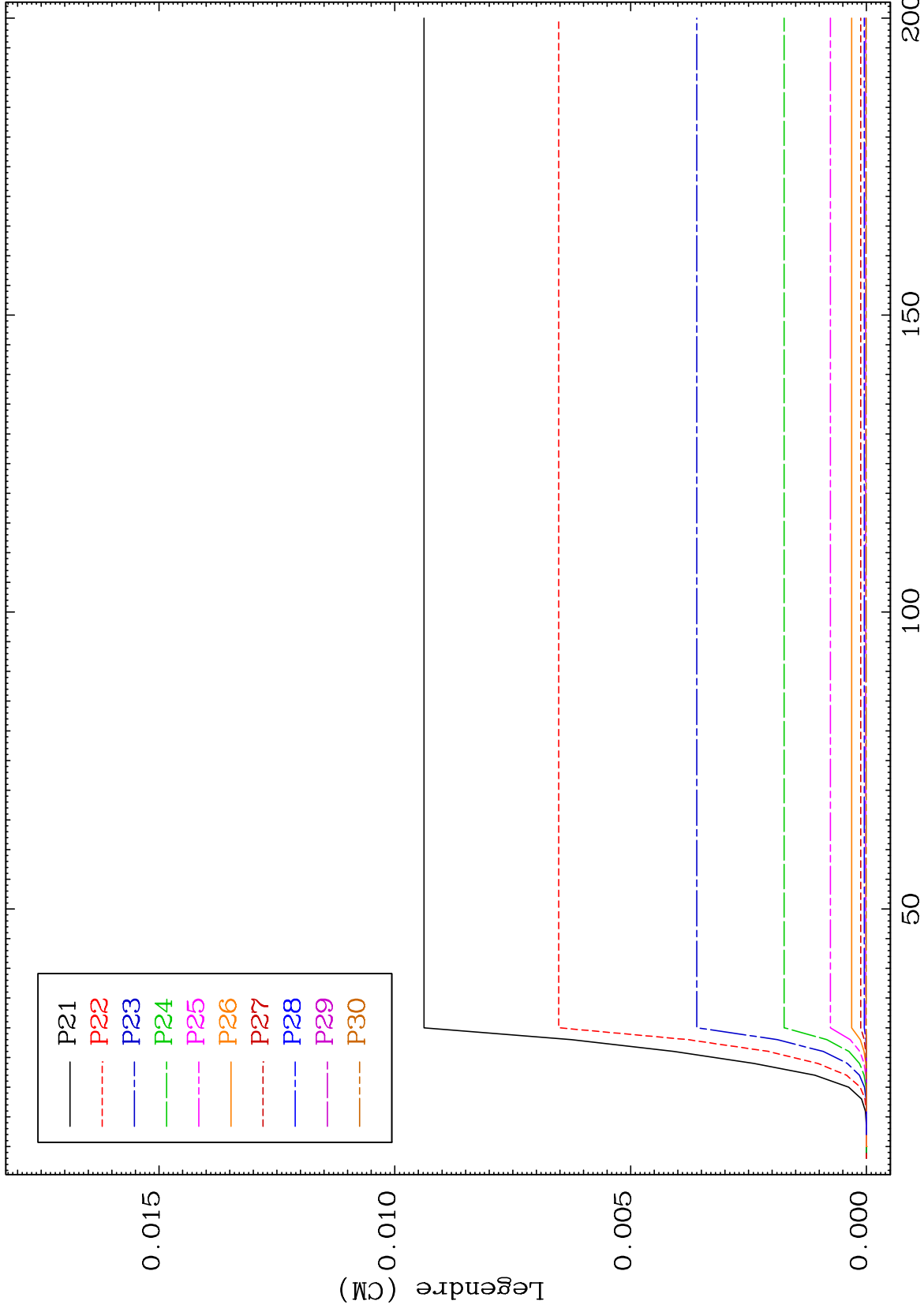
Incident Energy (MeV)

81-T1-197

MAT 8107

1.605 MeV (n,n') Level
Legendre Coefficients

81-T1-197



64

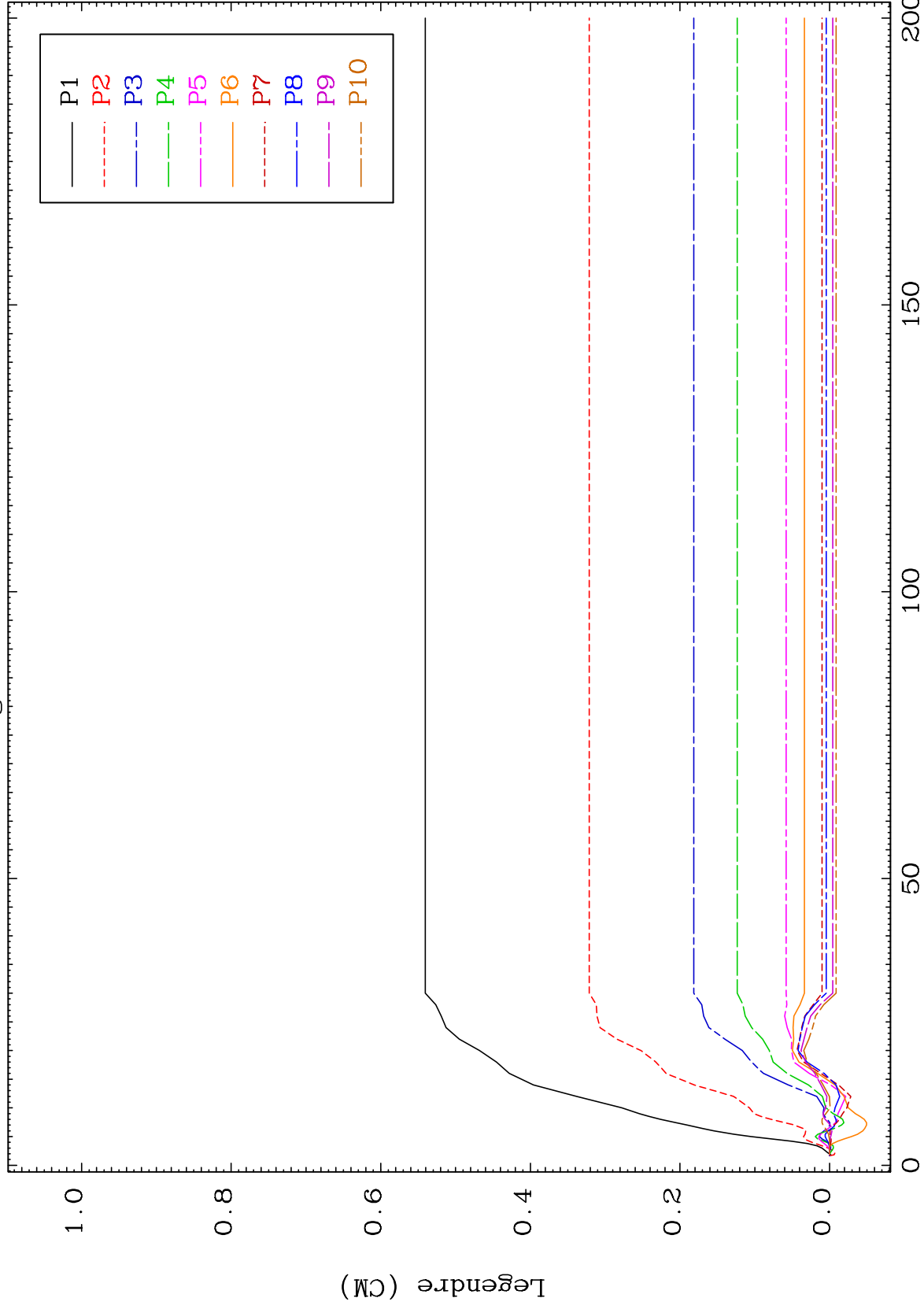
Incident Energy (MeV)

81-T1-197

MAT 8107

1.647 MeV (n,n') Level
Legendre Coefficients

81-T1-197



66

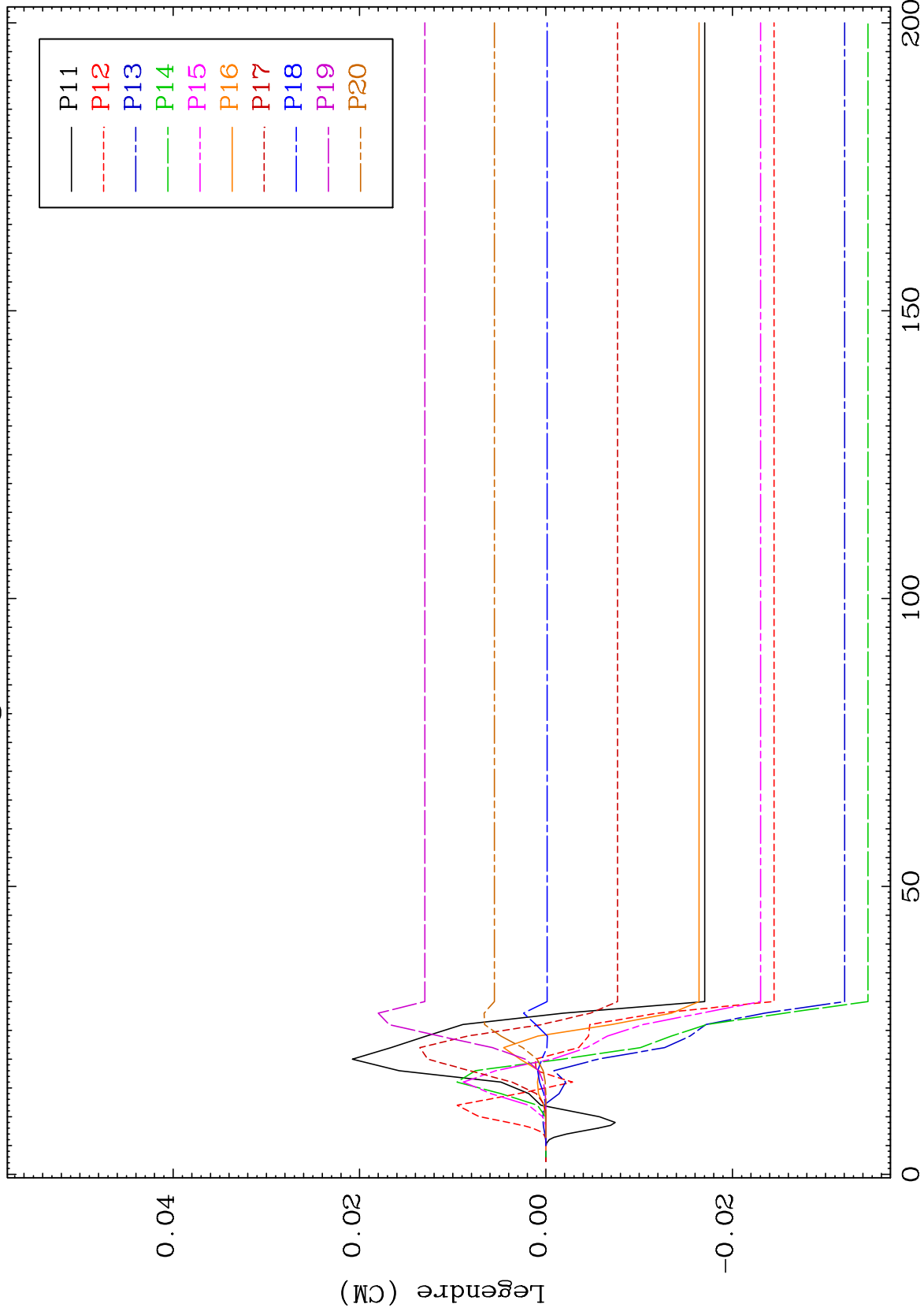
Incident Energy (MeV)

81-T1-197

MAT 8107

1.647 MeV (n,n') Level
Legendre Coefficients

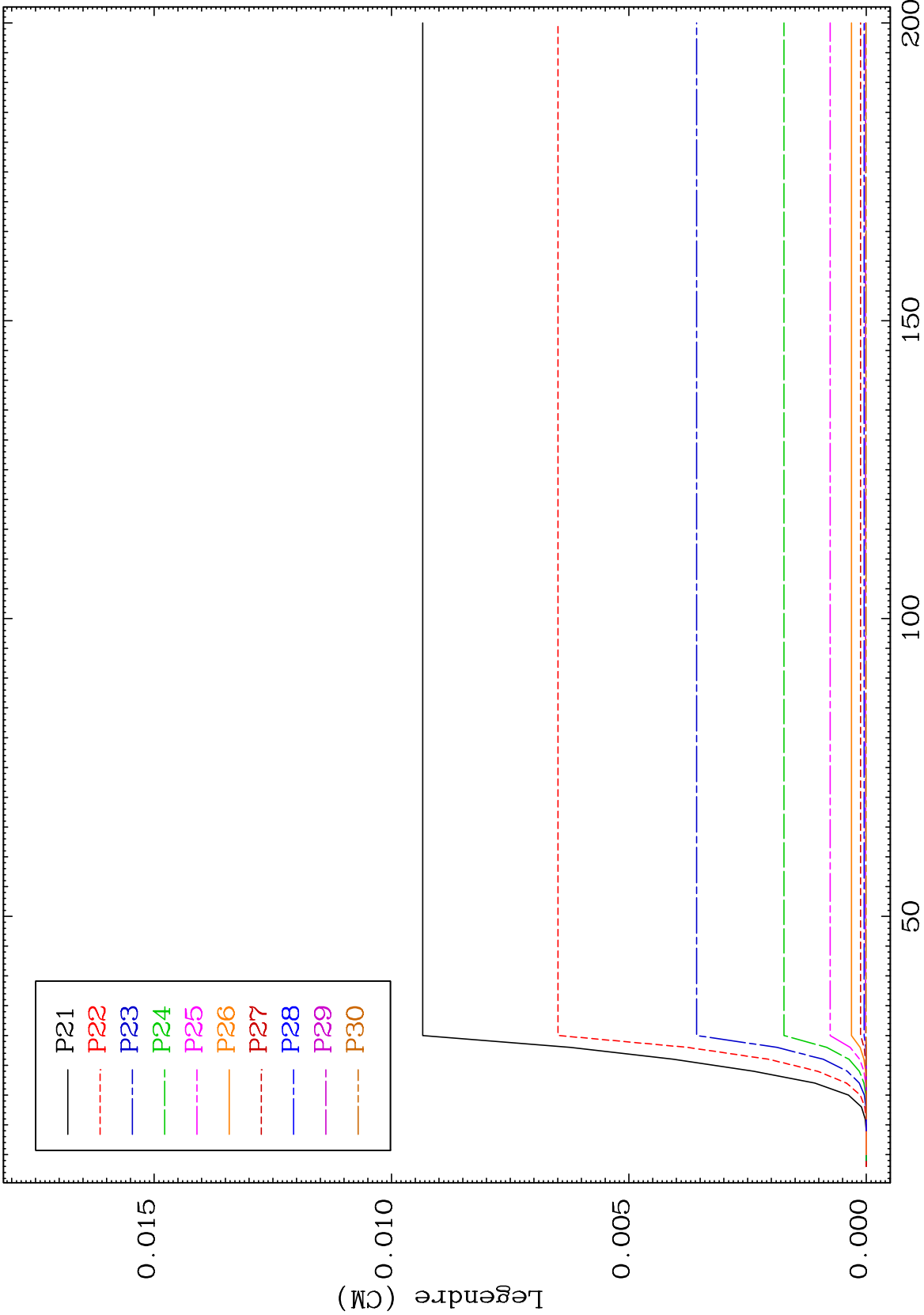
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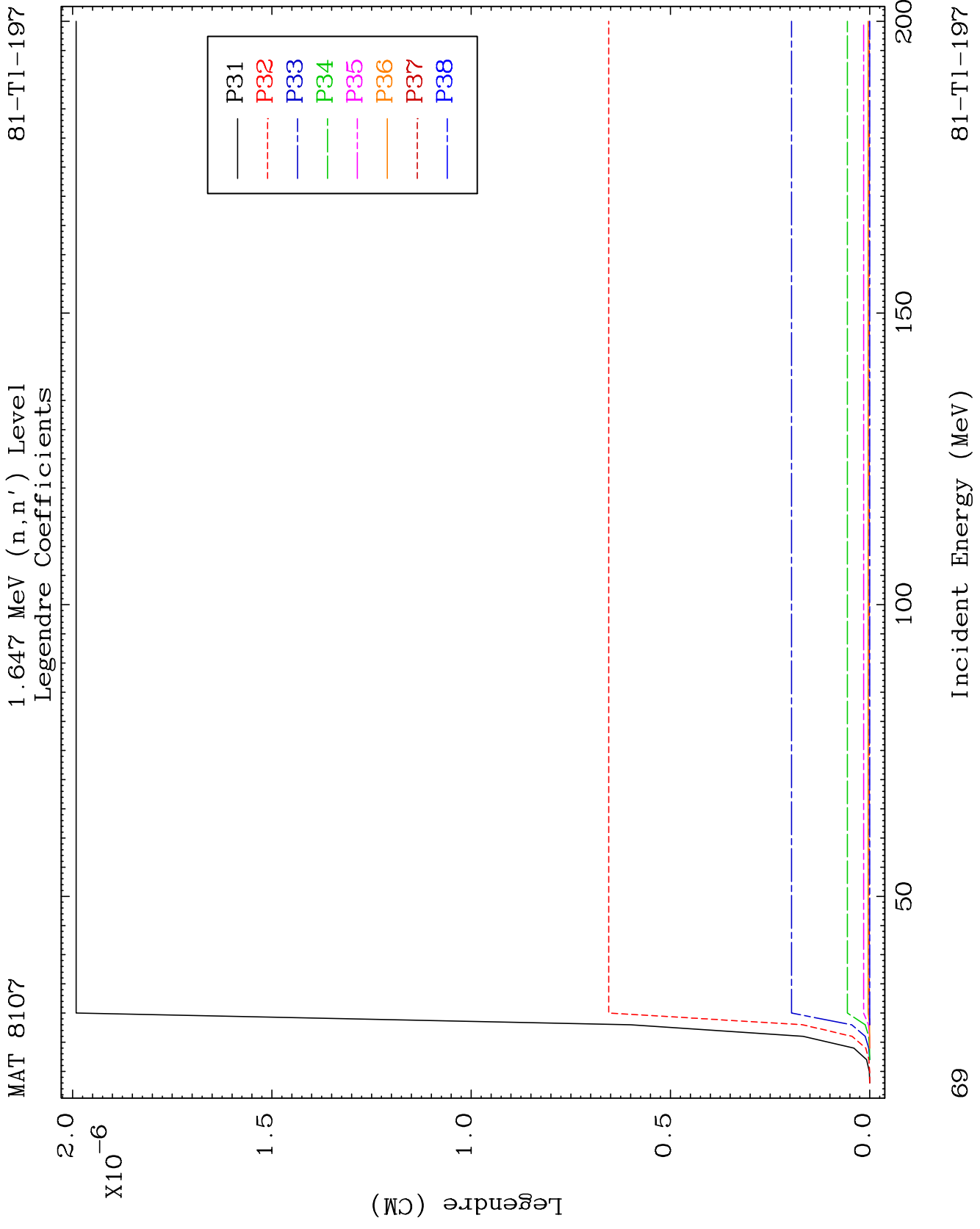


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Incident Energy (MeV)

81-T1-197

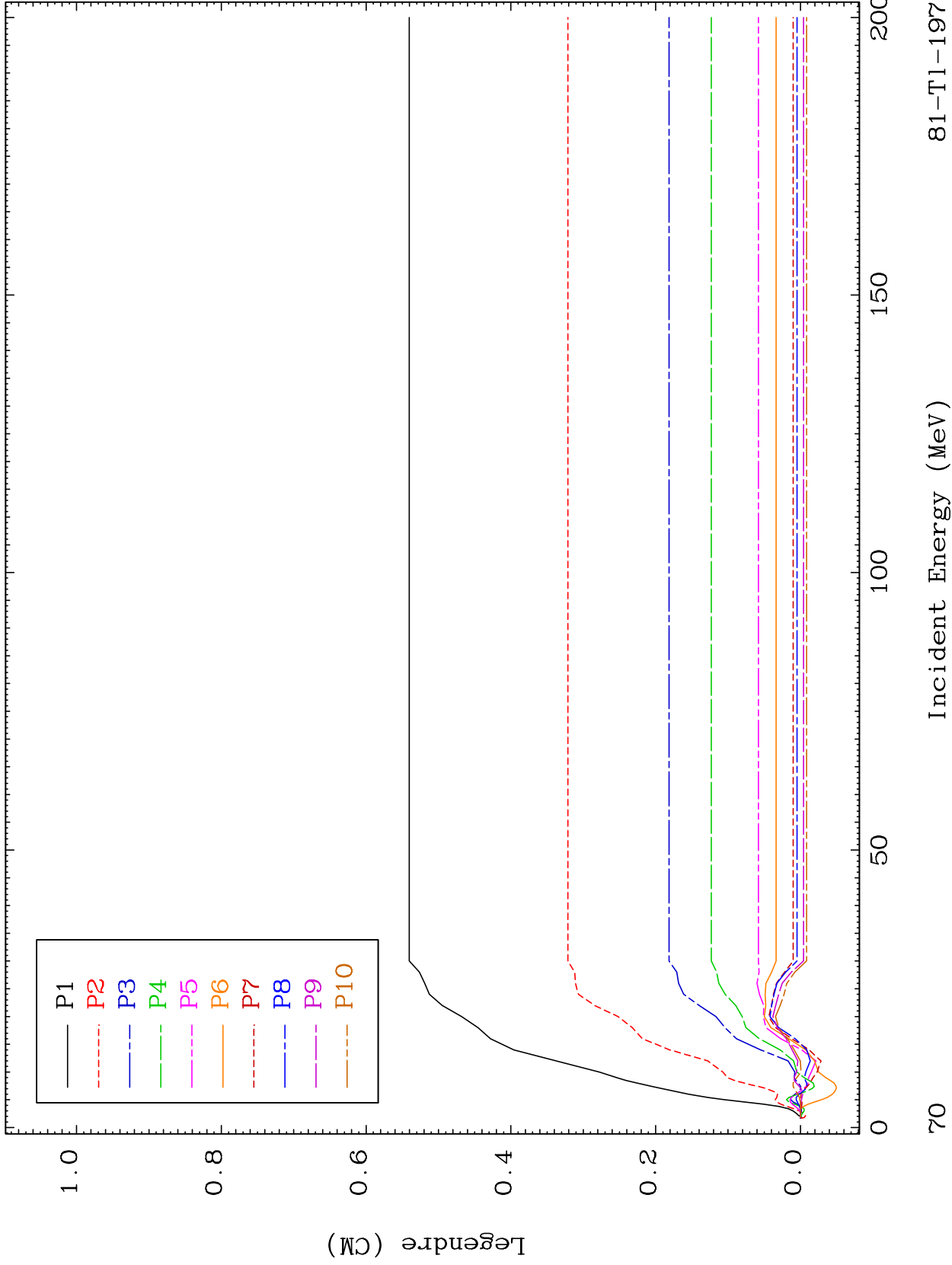




MAT 8107

1.663 MeV (n,n') Level
Legendre Coefficients

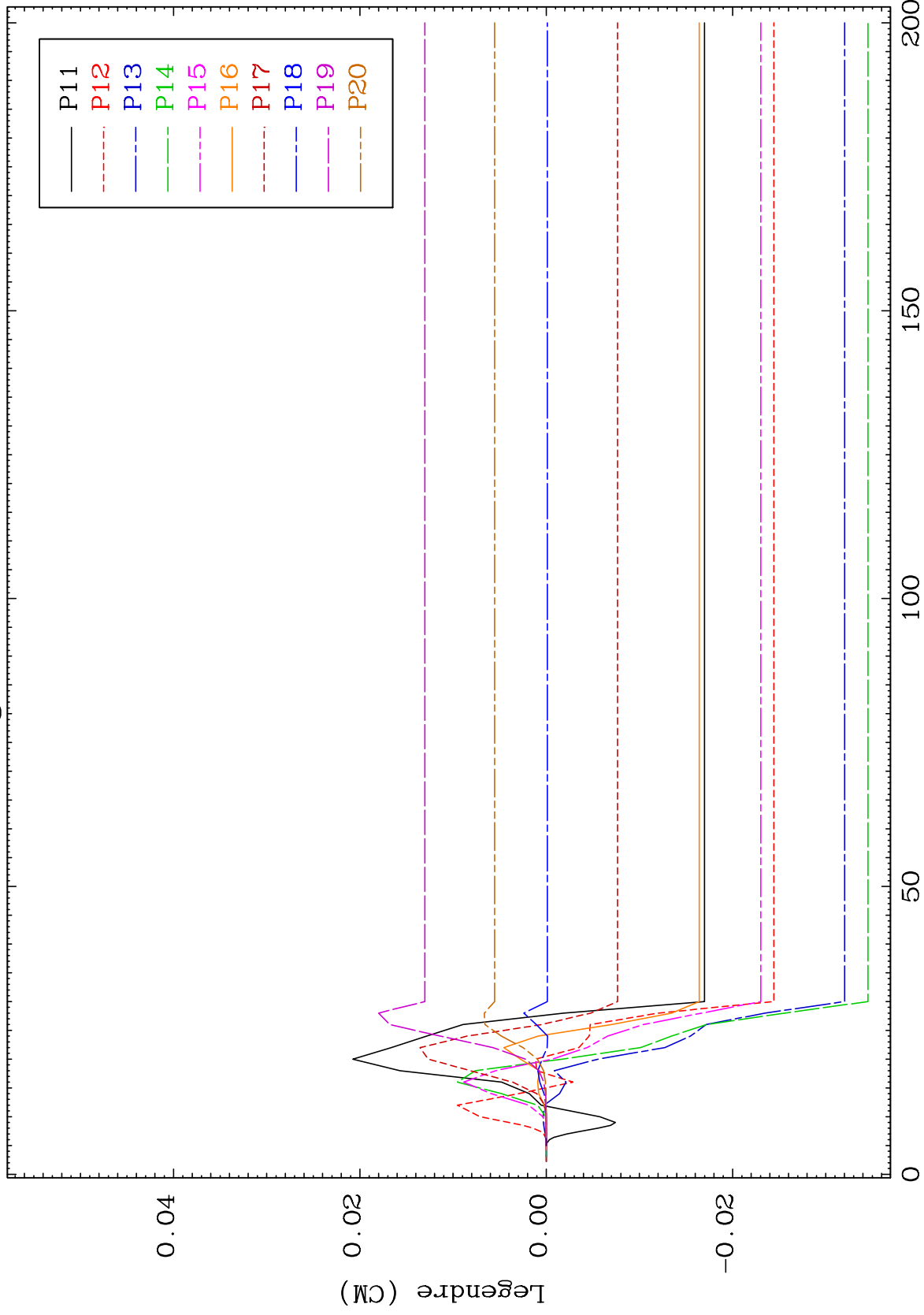
81-T1-197



MAT 8107

1.663 MeV (n,n') Level
Legendre Coefficients

81-T1-197



71

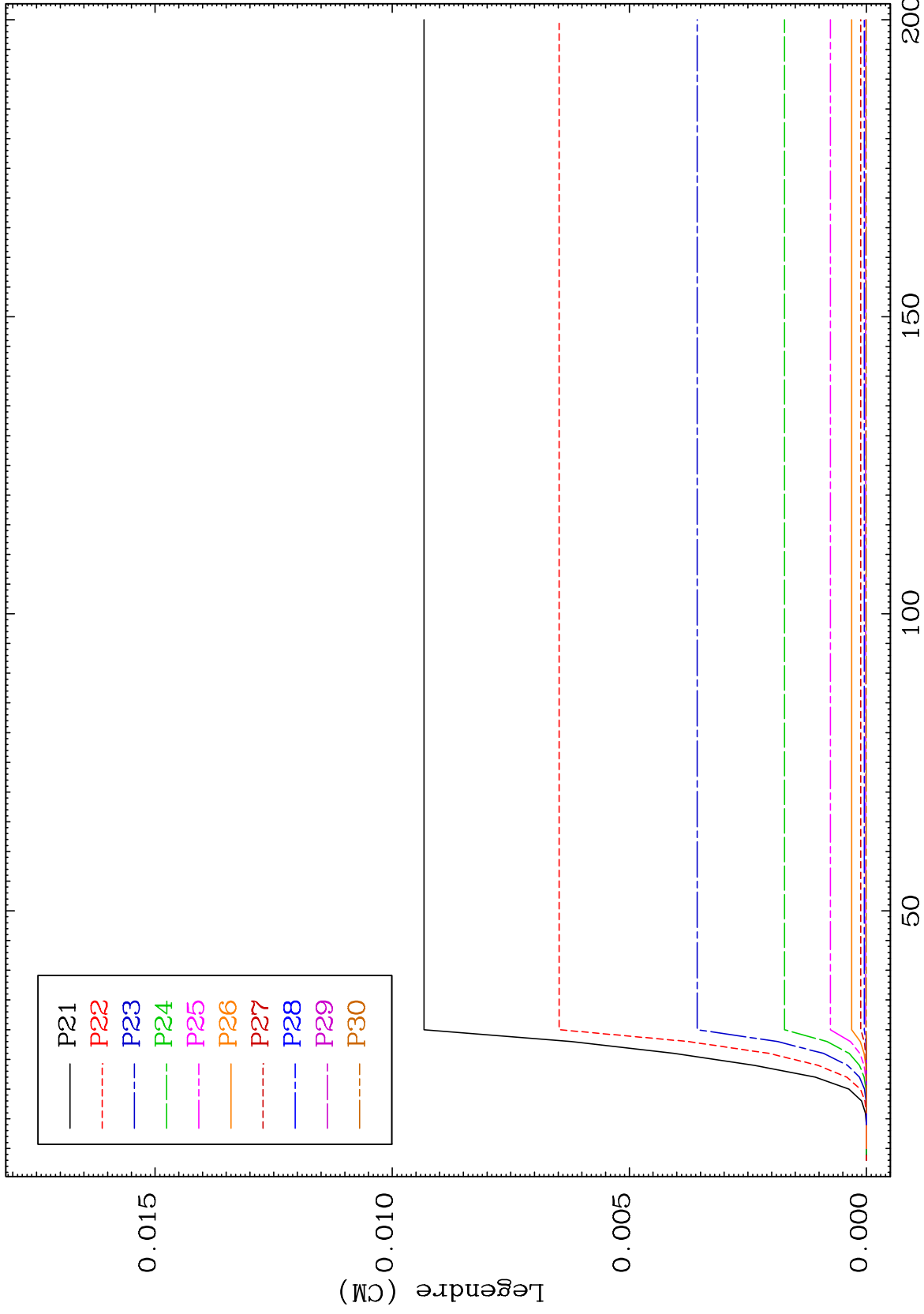
Incident Energy (MeV)

81-T1-197

MAT 8107

1.663 MeV (n,n') Level
Legendre Coefficients

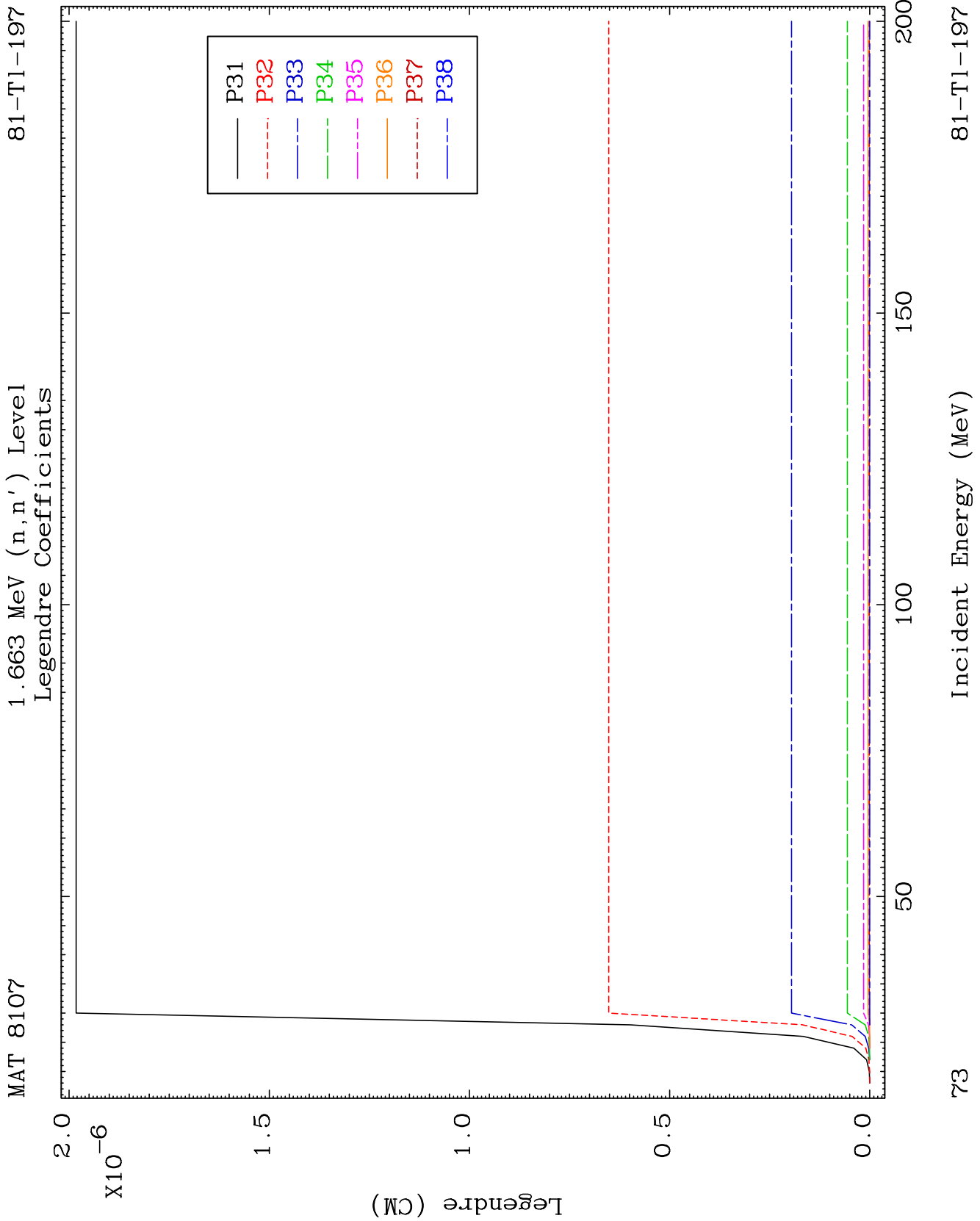
81-T1-197



72

Incident Energy (MeV)

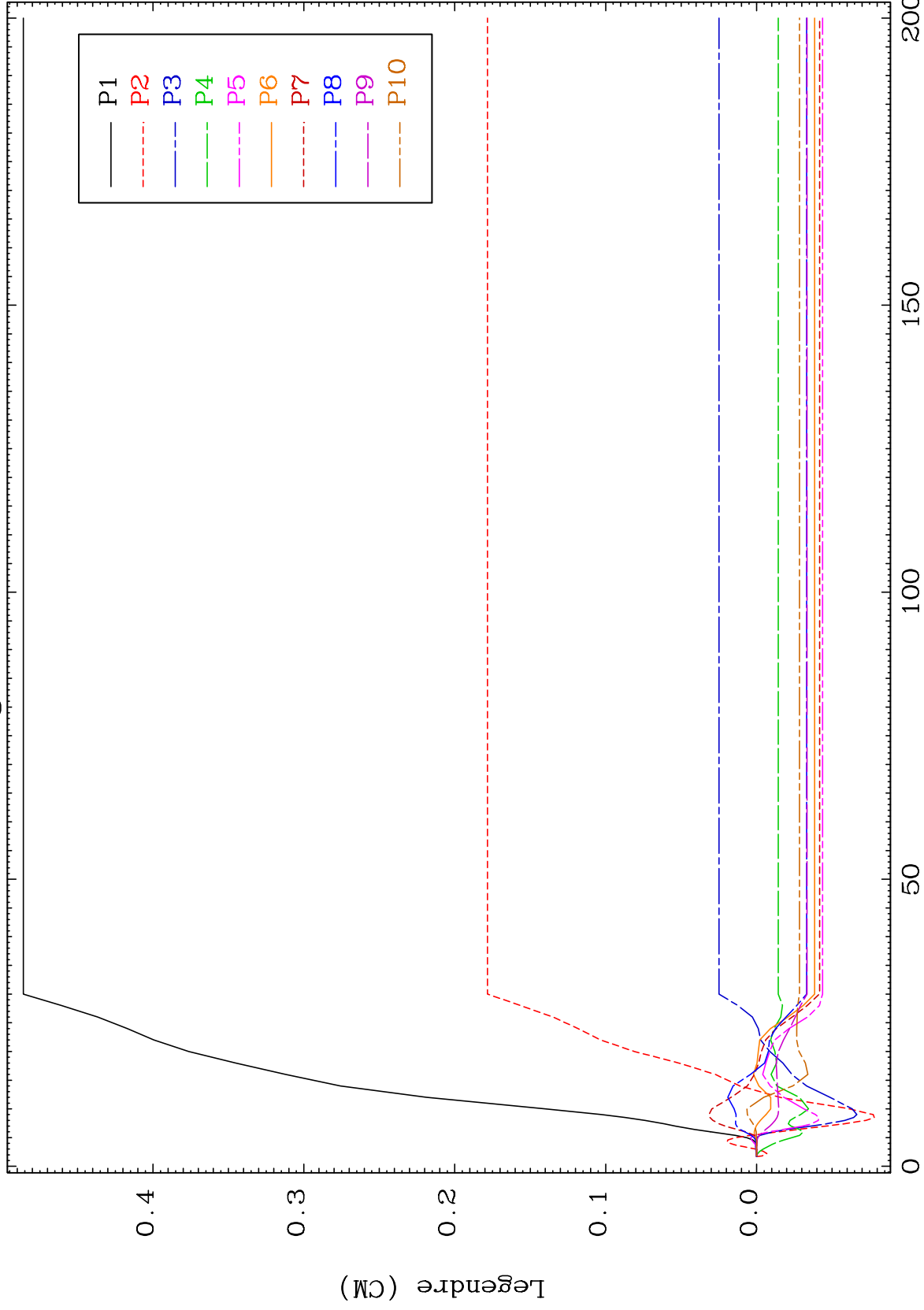
81-T1-197



MAT 8107

1.675 MeV (n,n') Level
Legendre Coefficients

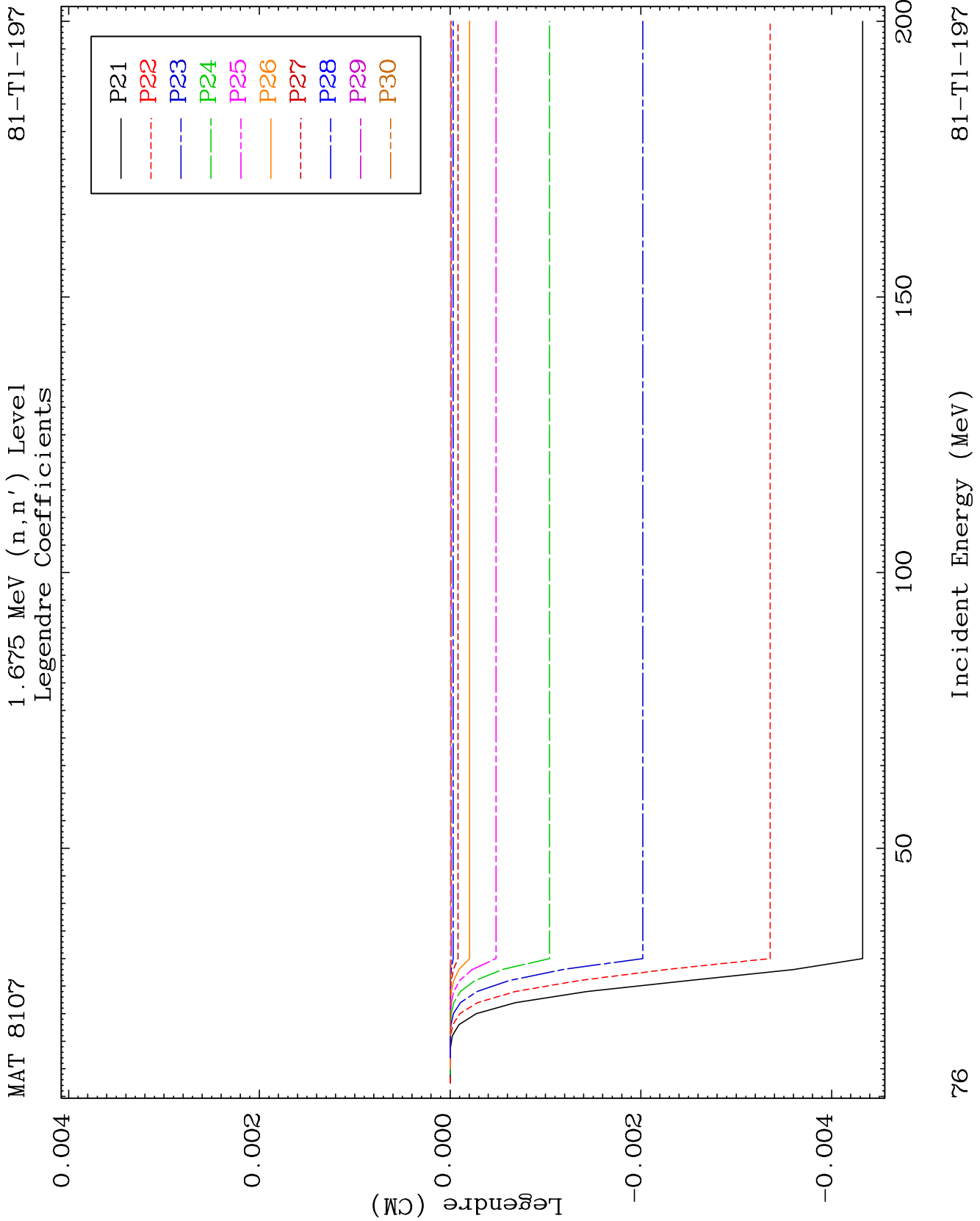
81-T1-197

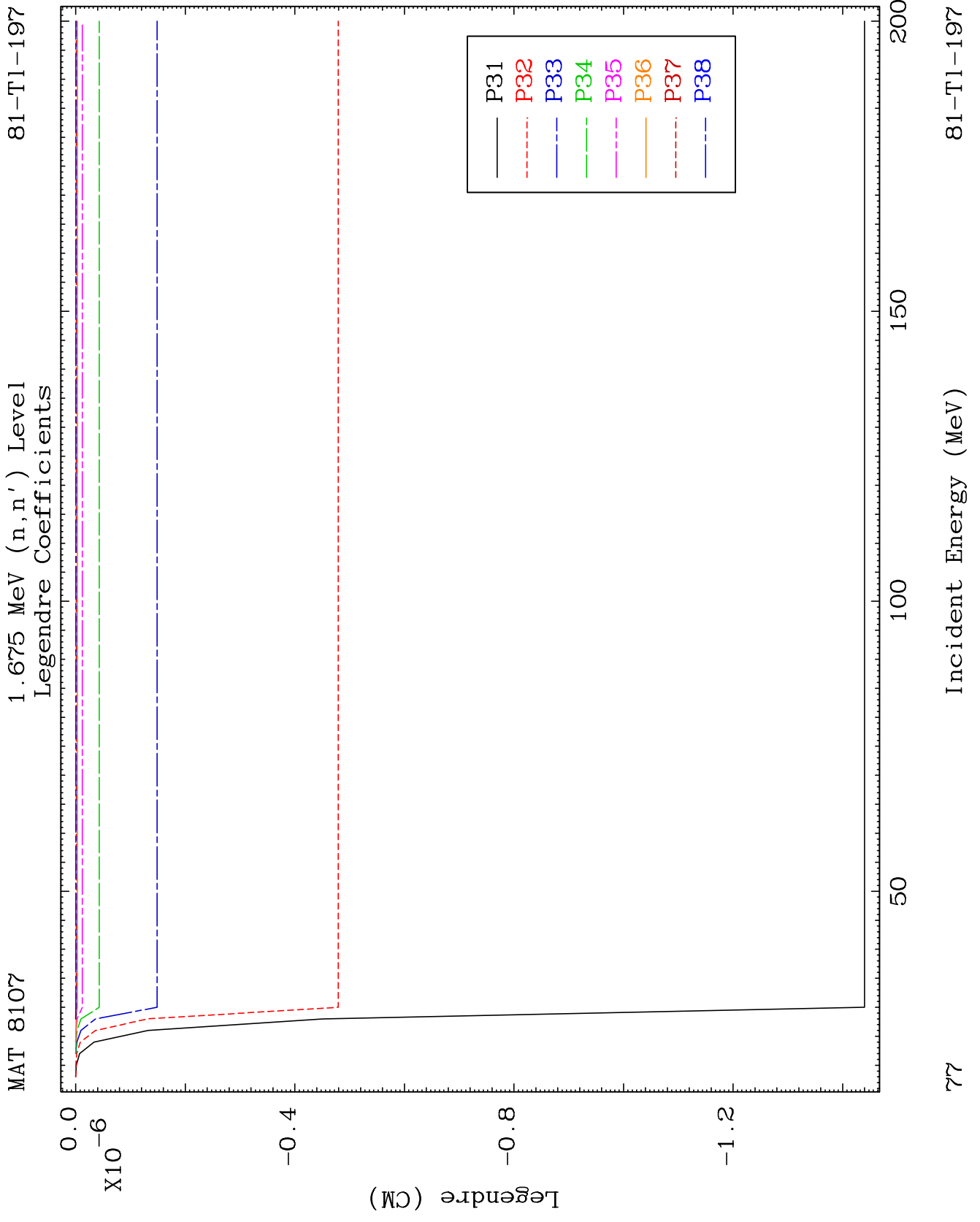


74

Incident Energy (MeV)

81-T1-197

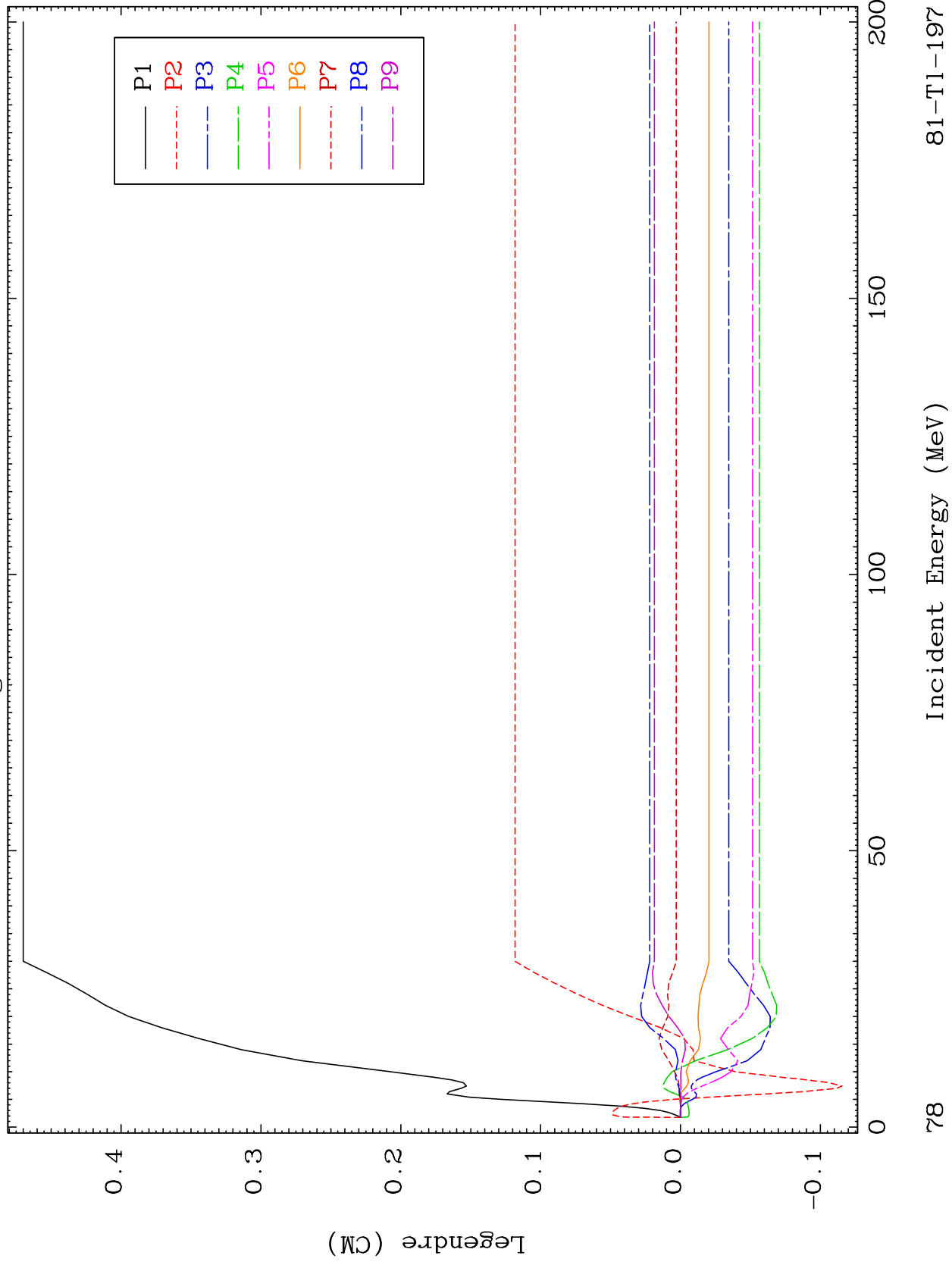




MAT 8107

1.720 MeV (n,n') Level
Legendre Coefficients

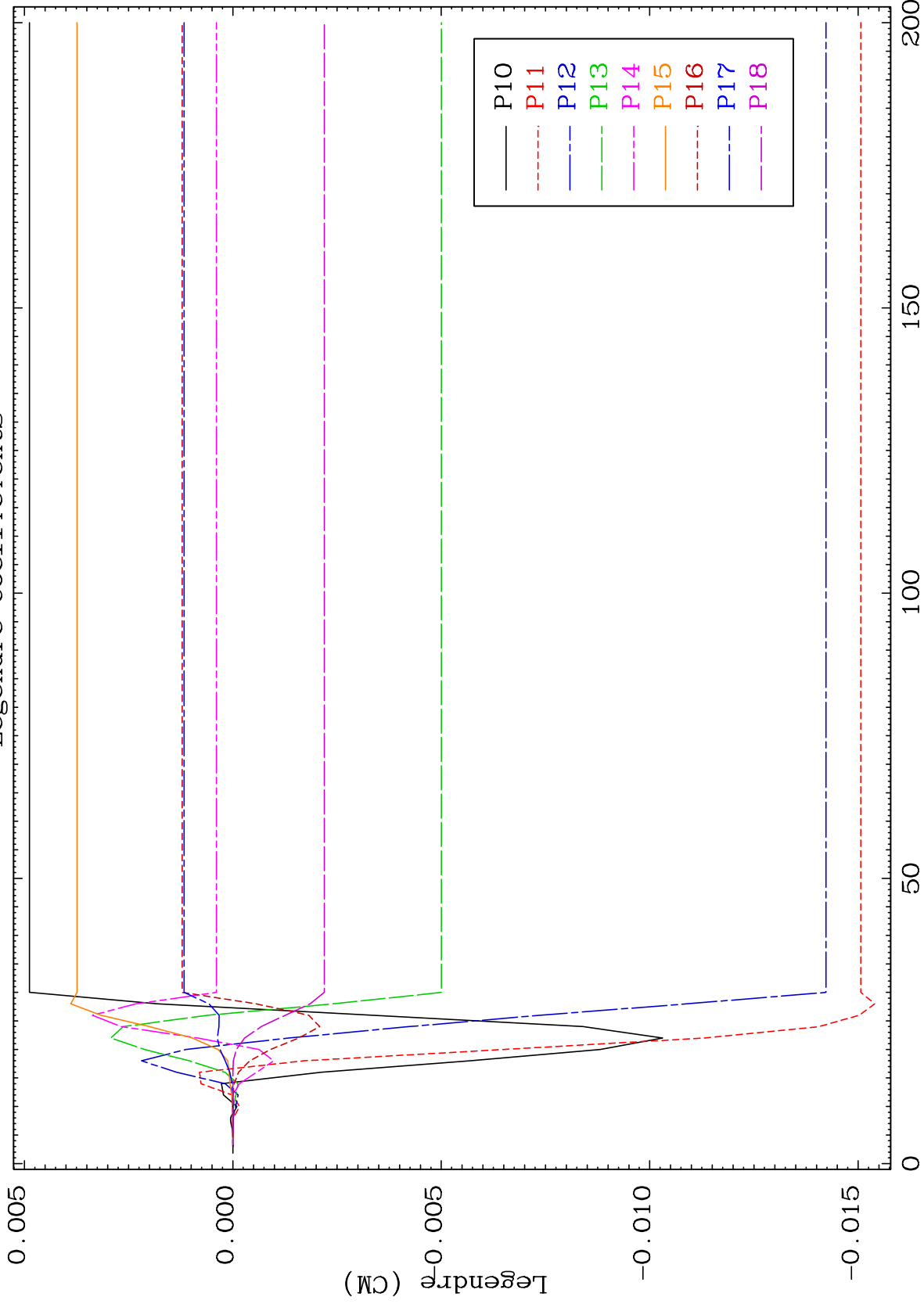
81-T1-197

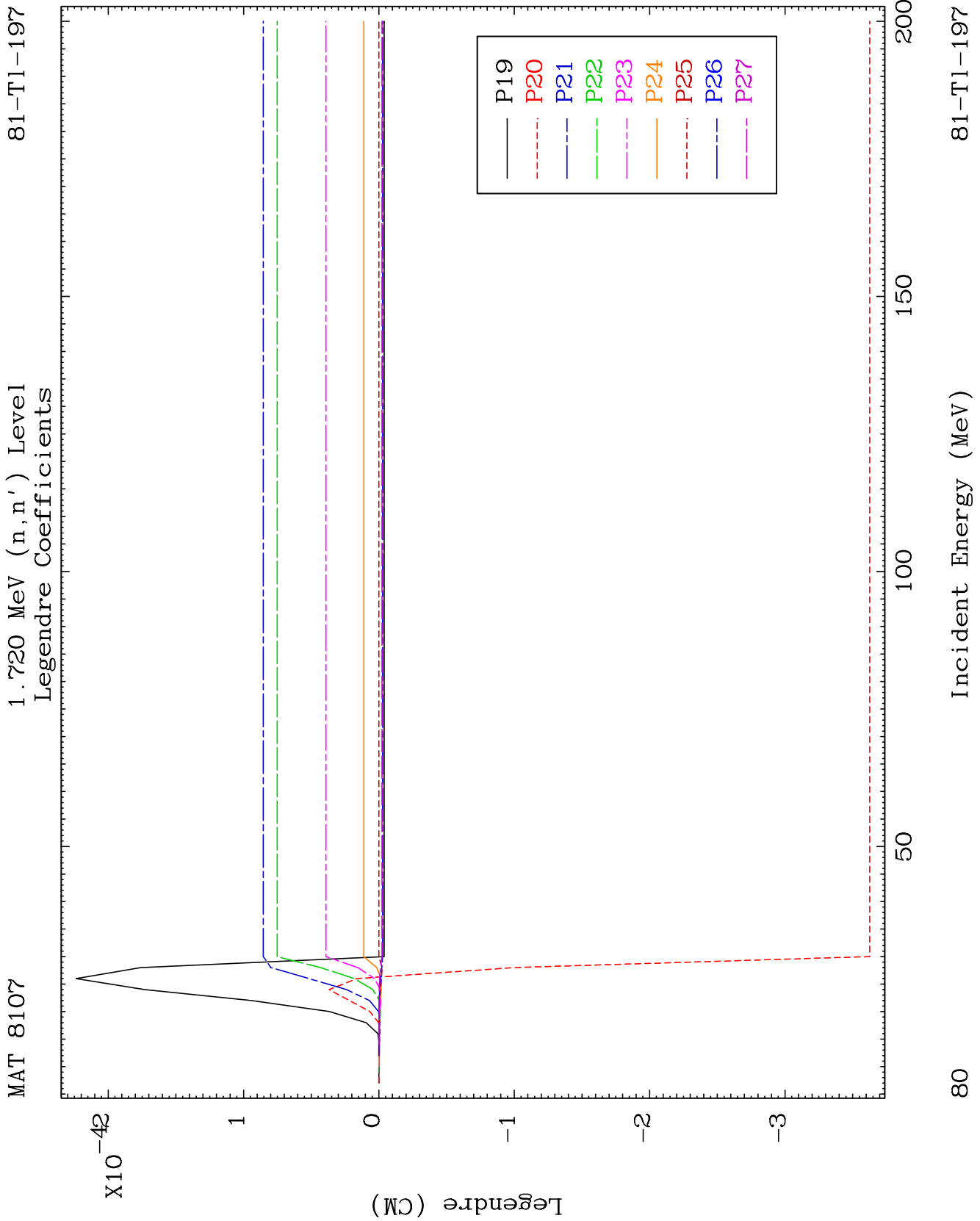


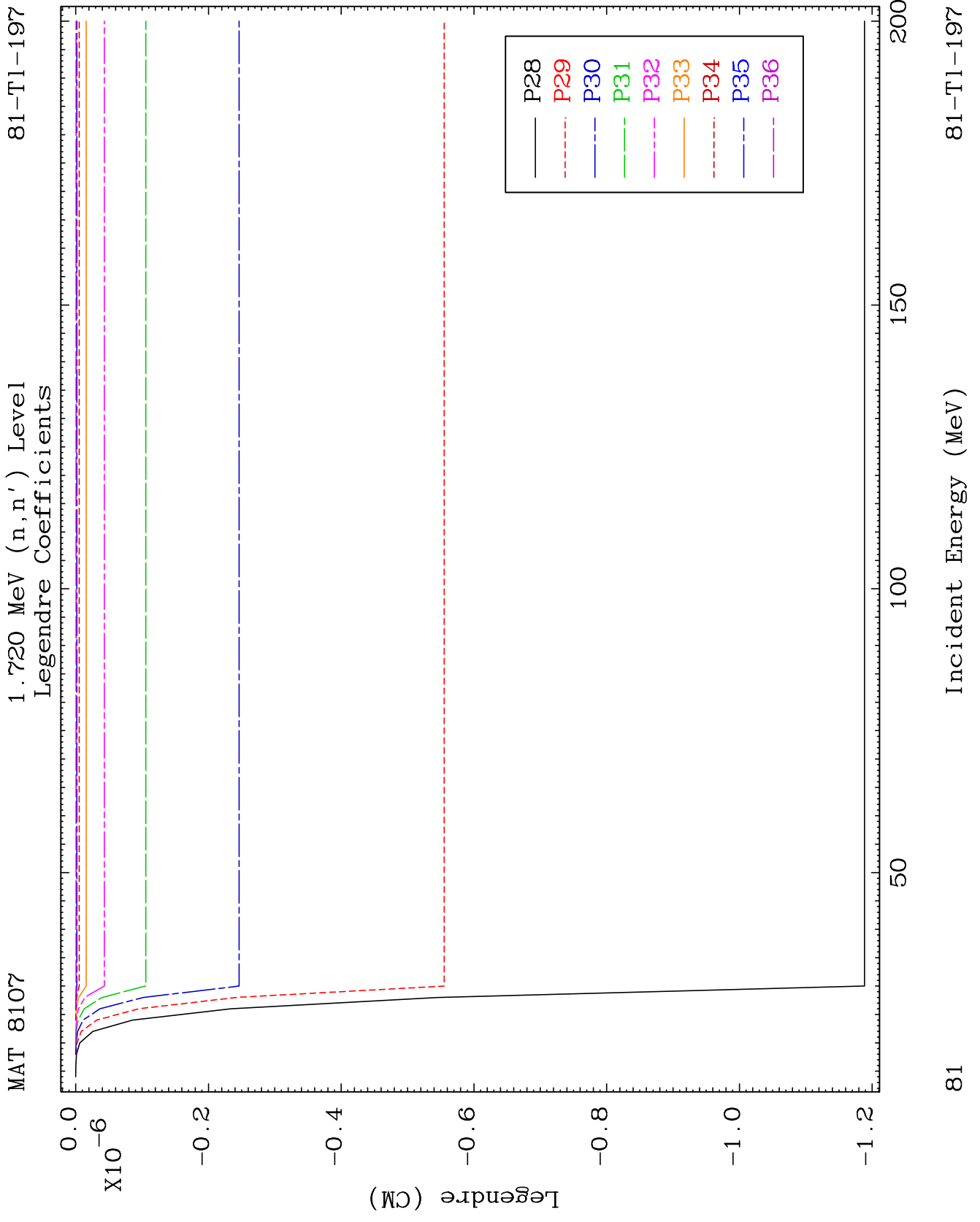
78

Incident Energy (MeV)

81-T1-197



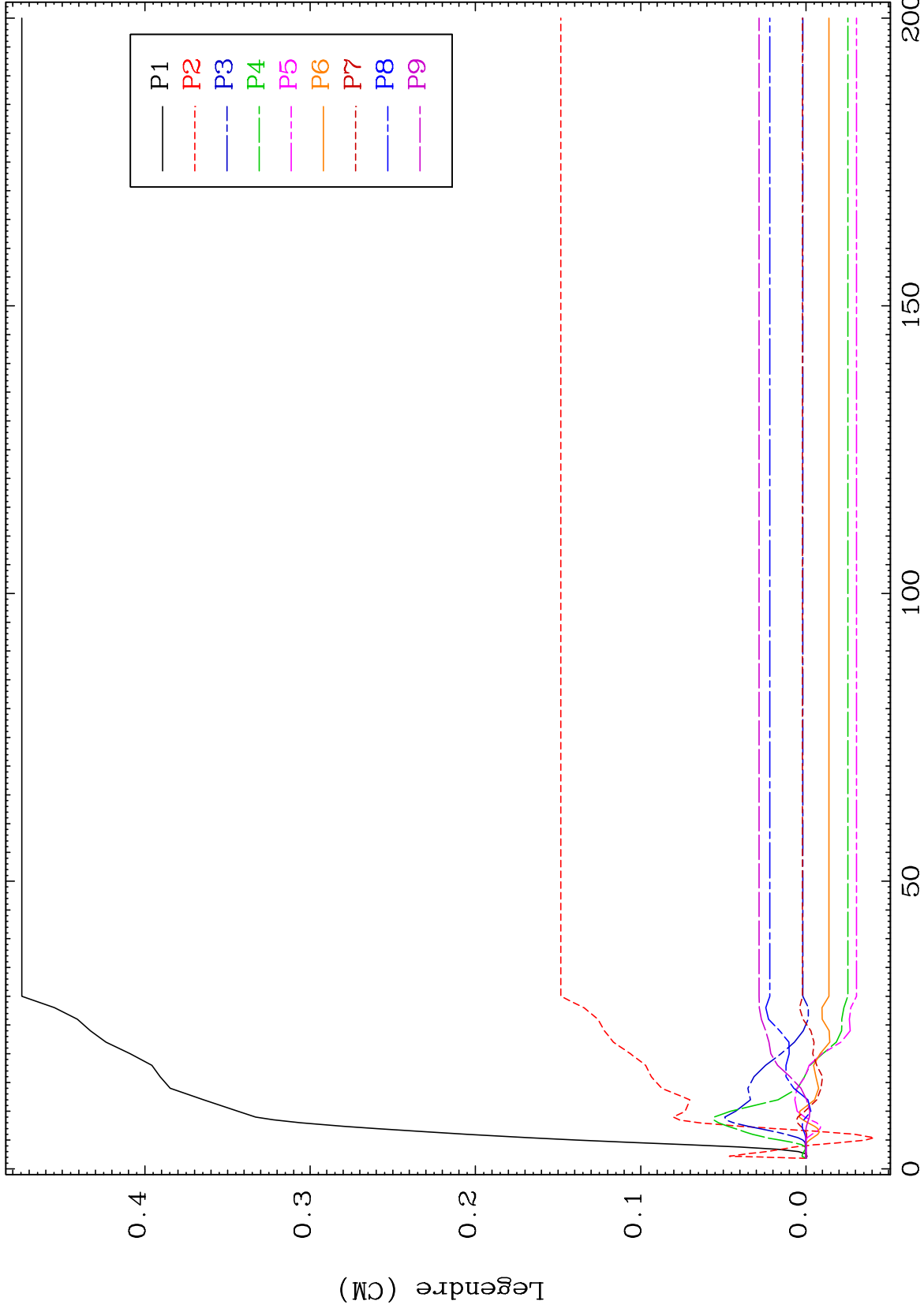




MAT 8107

1.803 MeV (n,n') Level
Legendre Coefficients

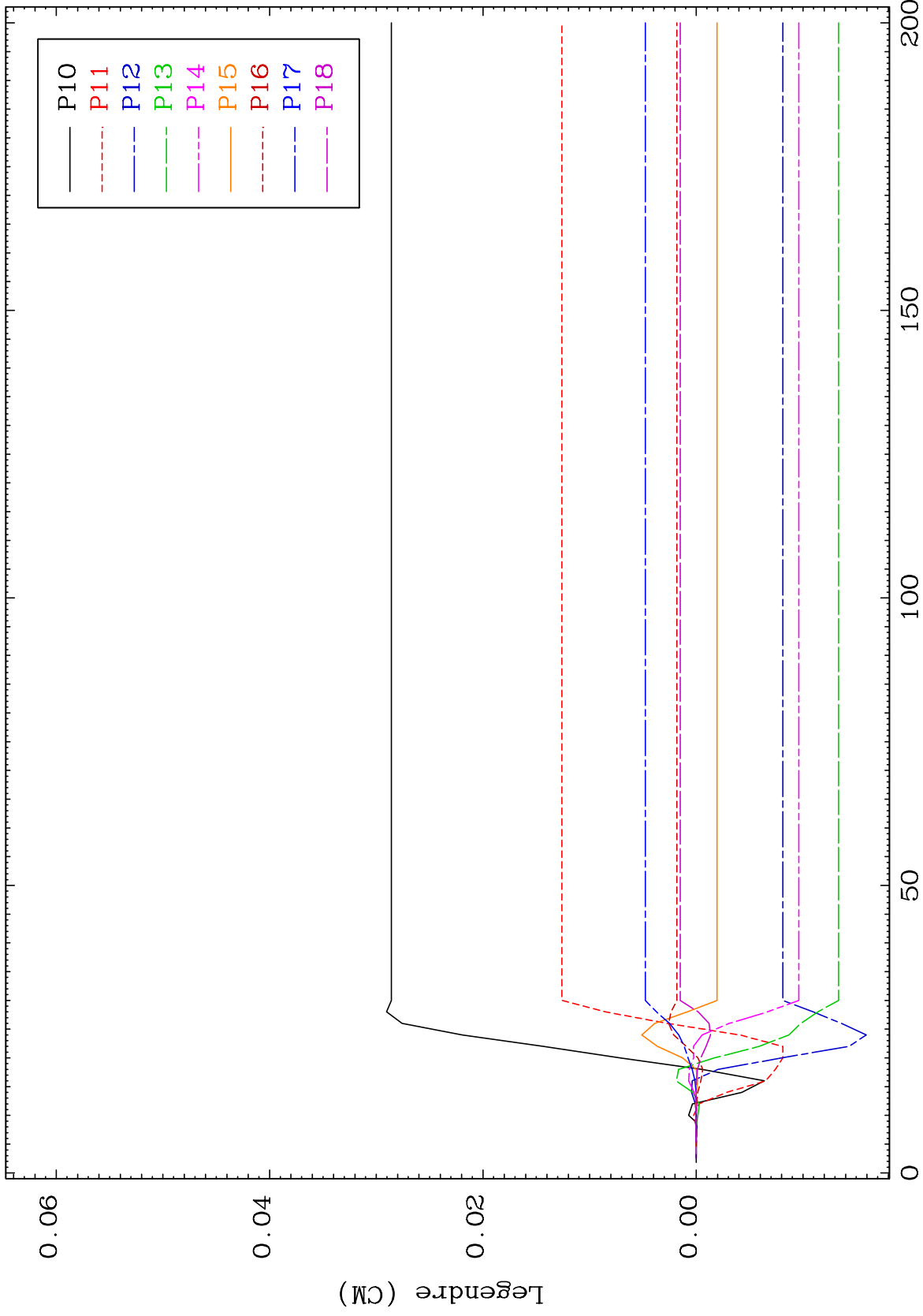
81-T1-197

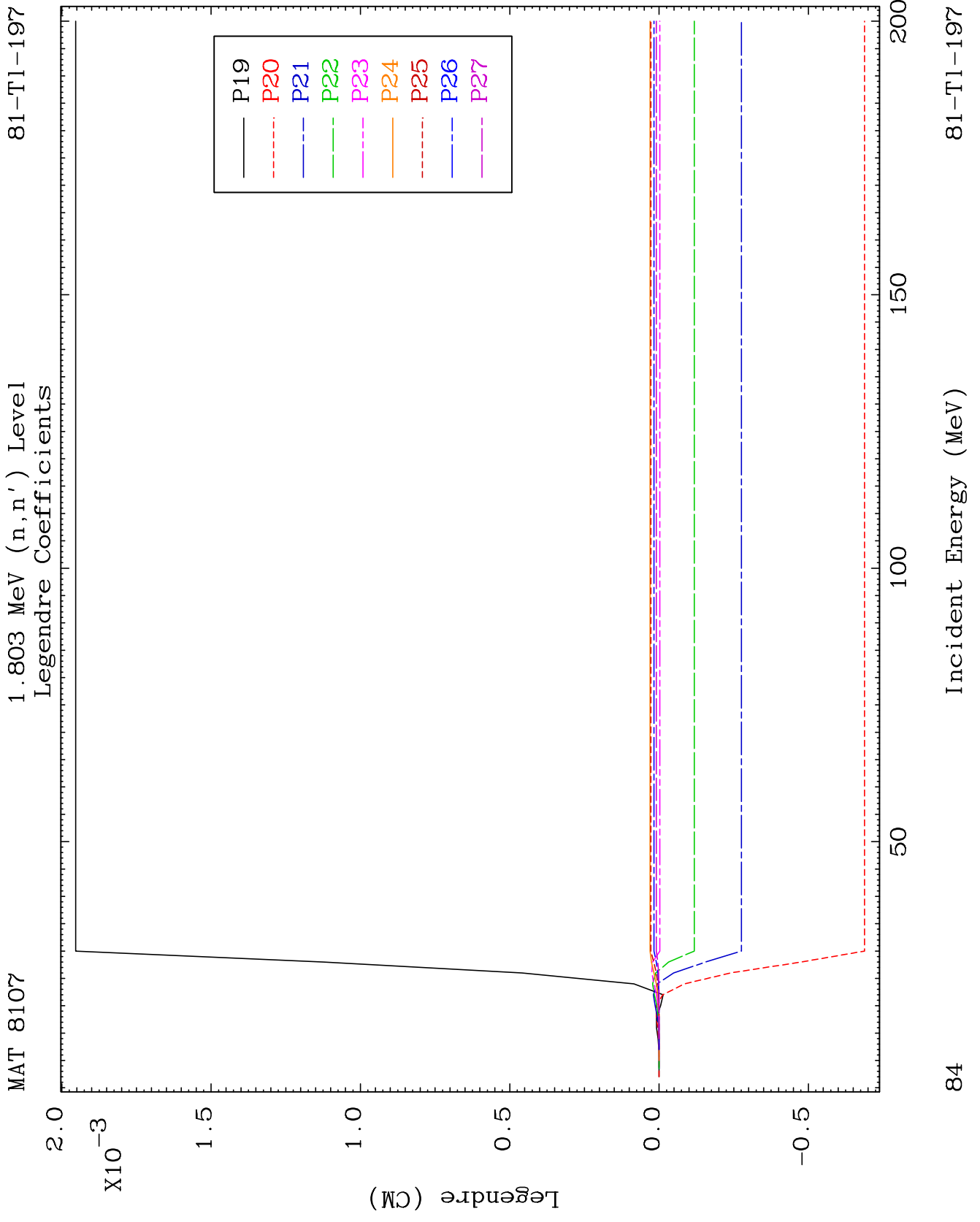


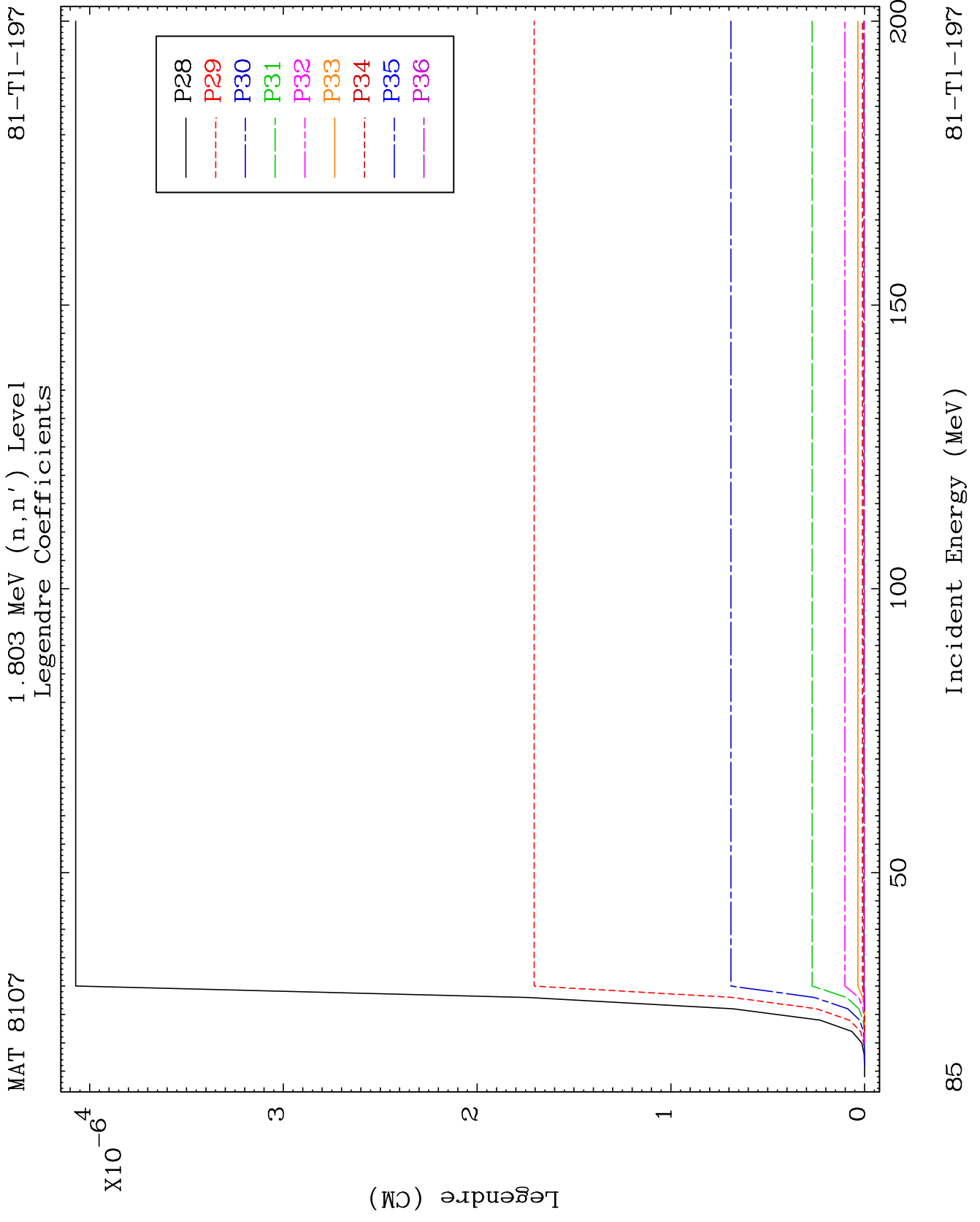
82

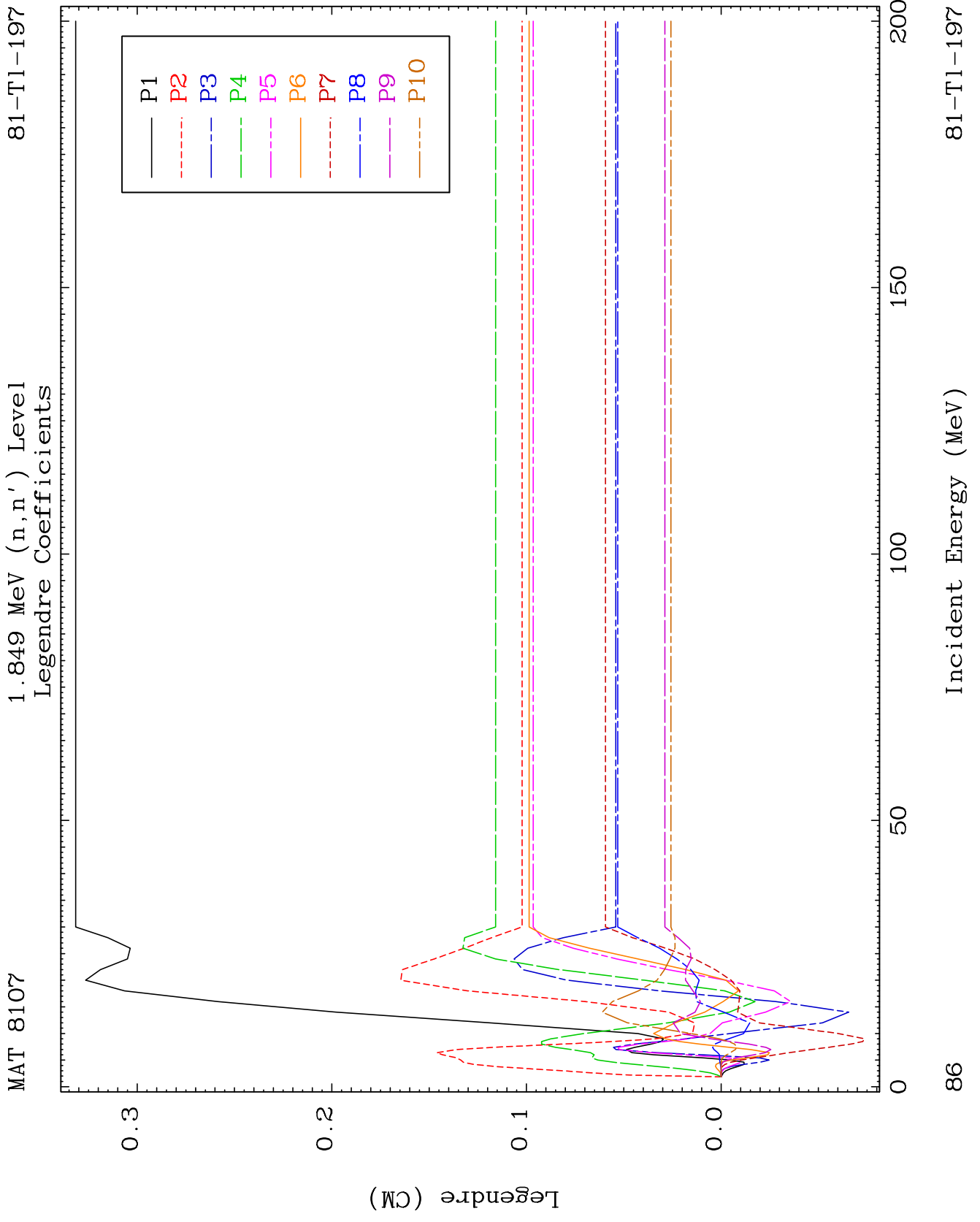
Incident Energy (MeV)

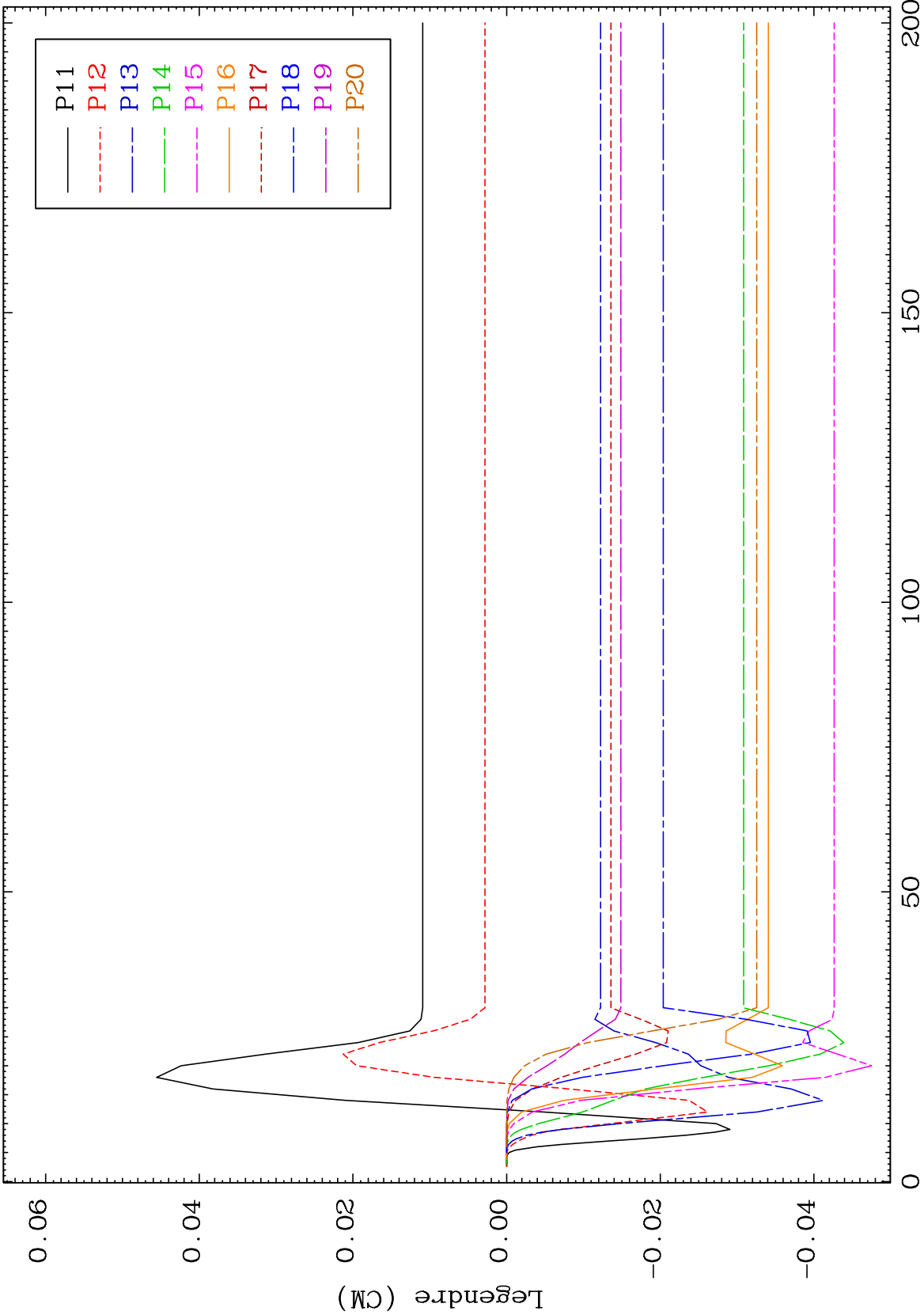
81-T1-197

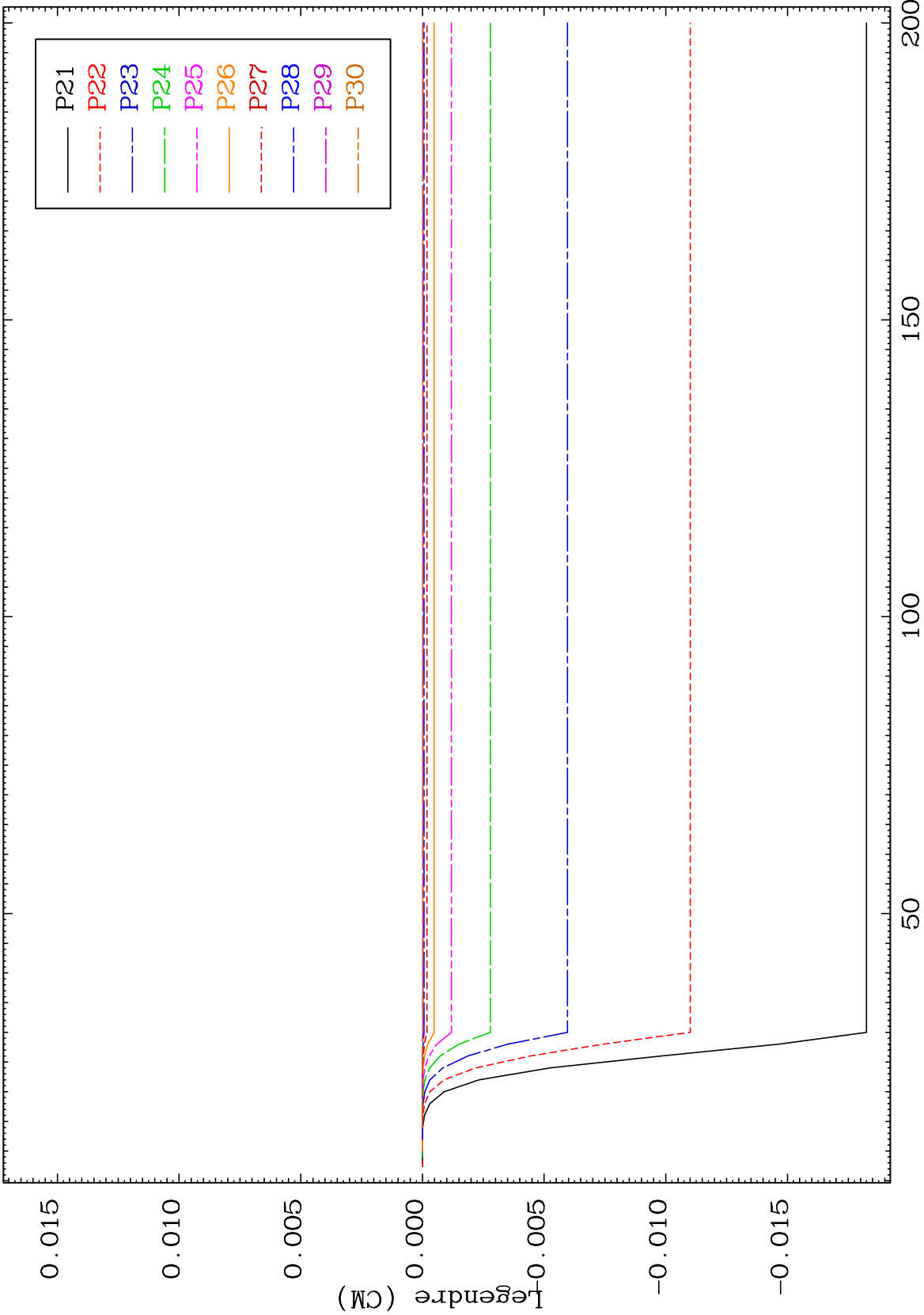


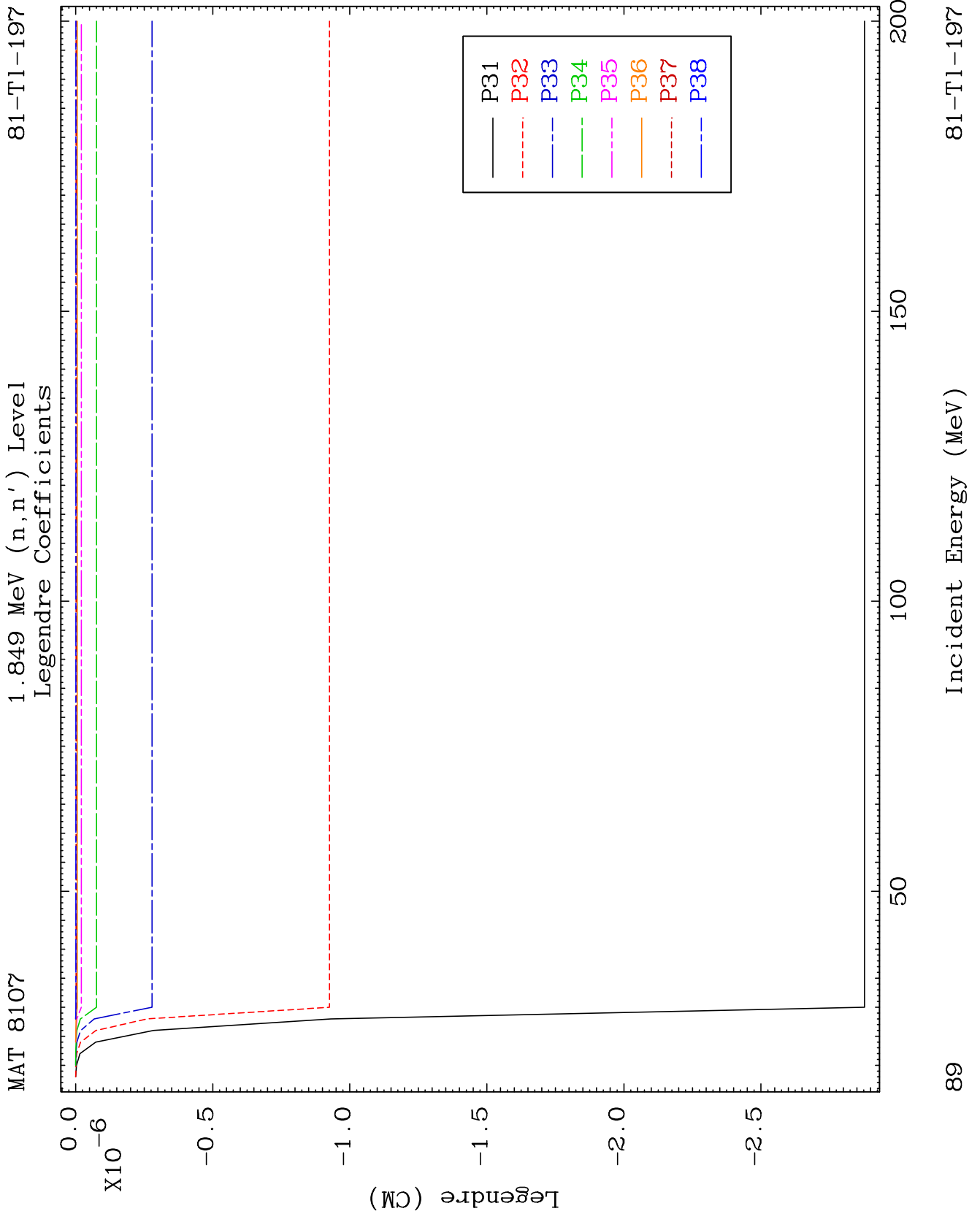








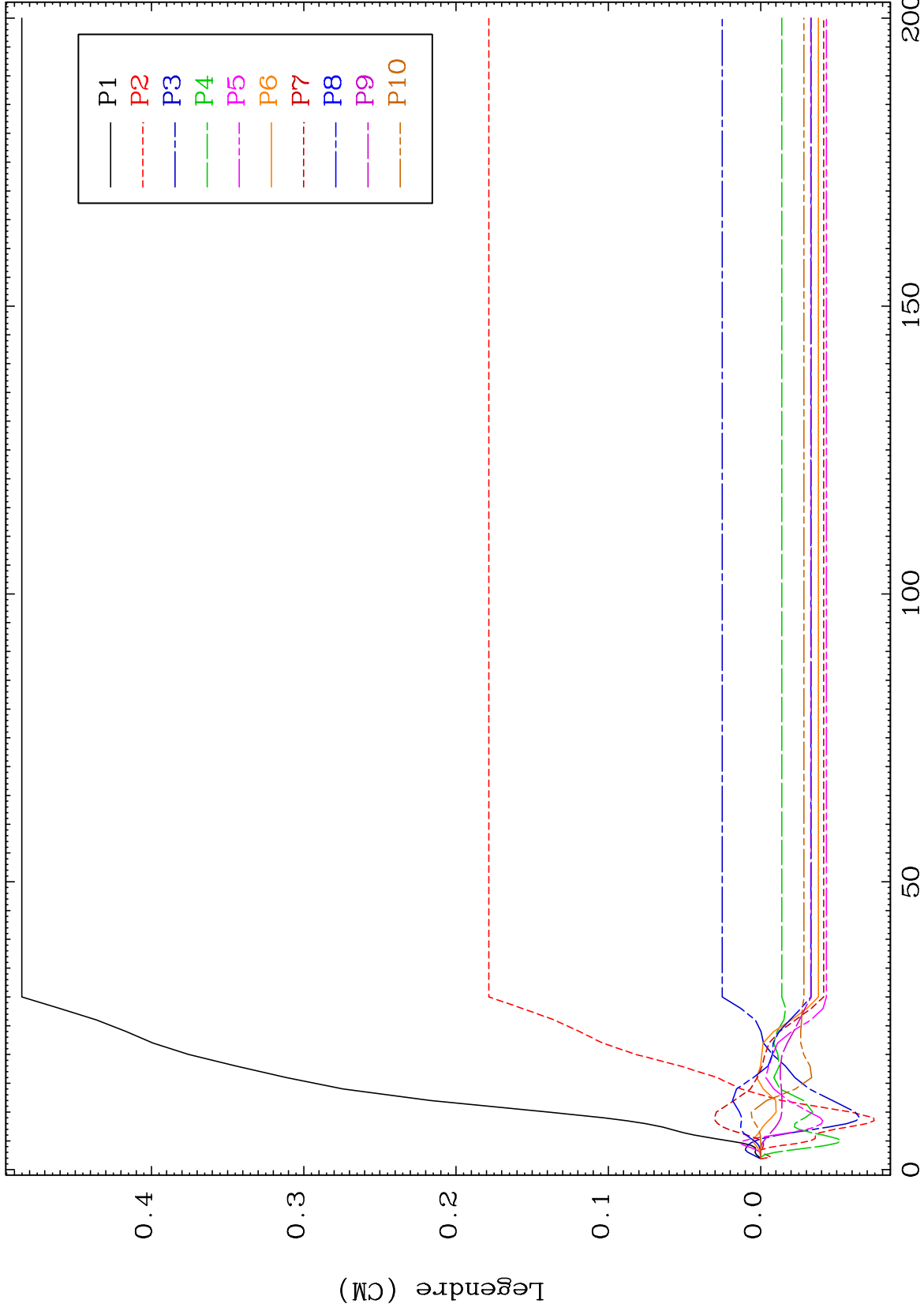




MAT 8107

1.854 MeV (n,n') Level
Legendre Coefficients

81-T1-197



90

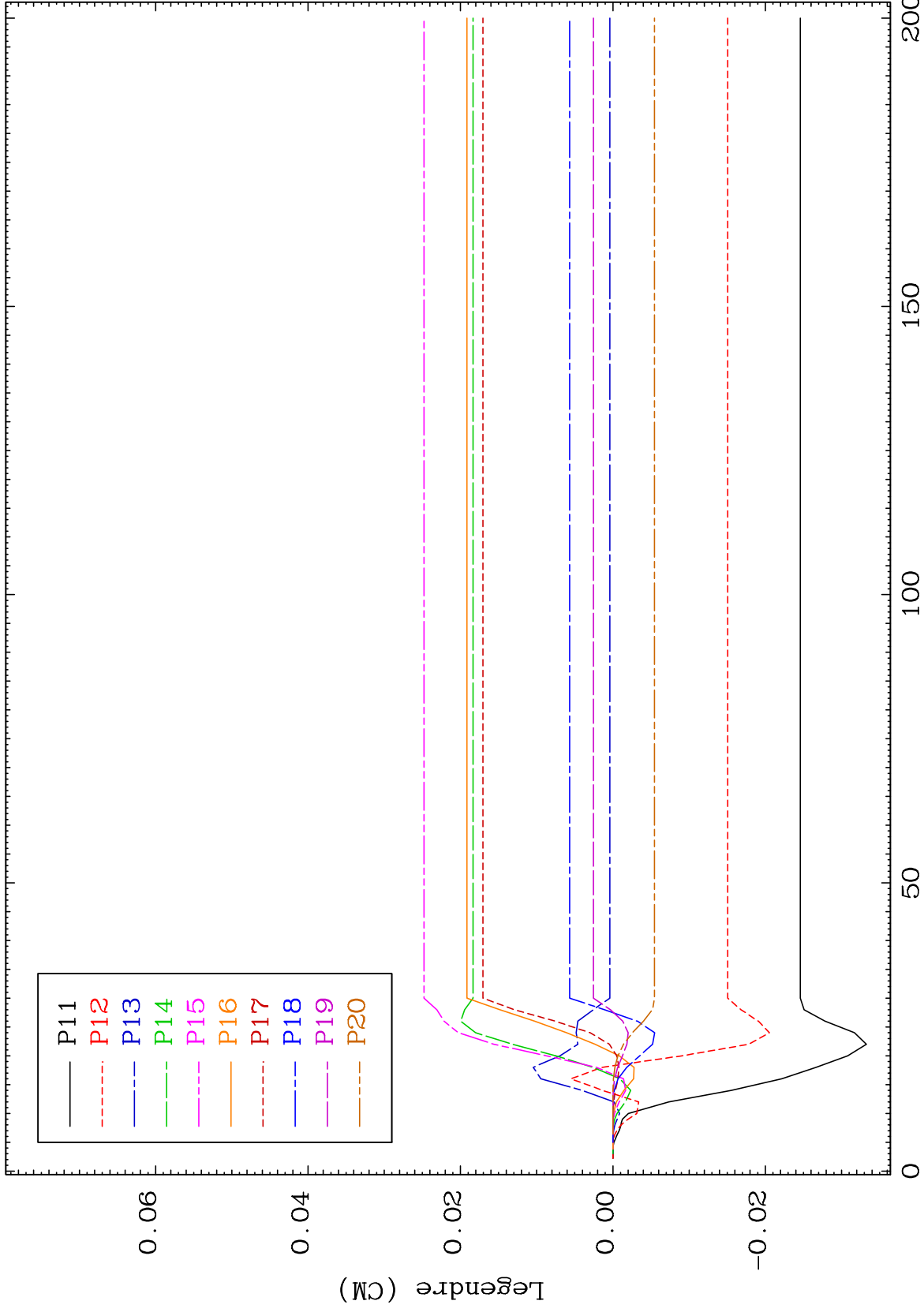
Incident Energy (MeV)

81-T1-197

MAT 8107

1.854 MeV (n,n') Level
Legendre Coefficients

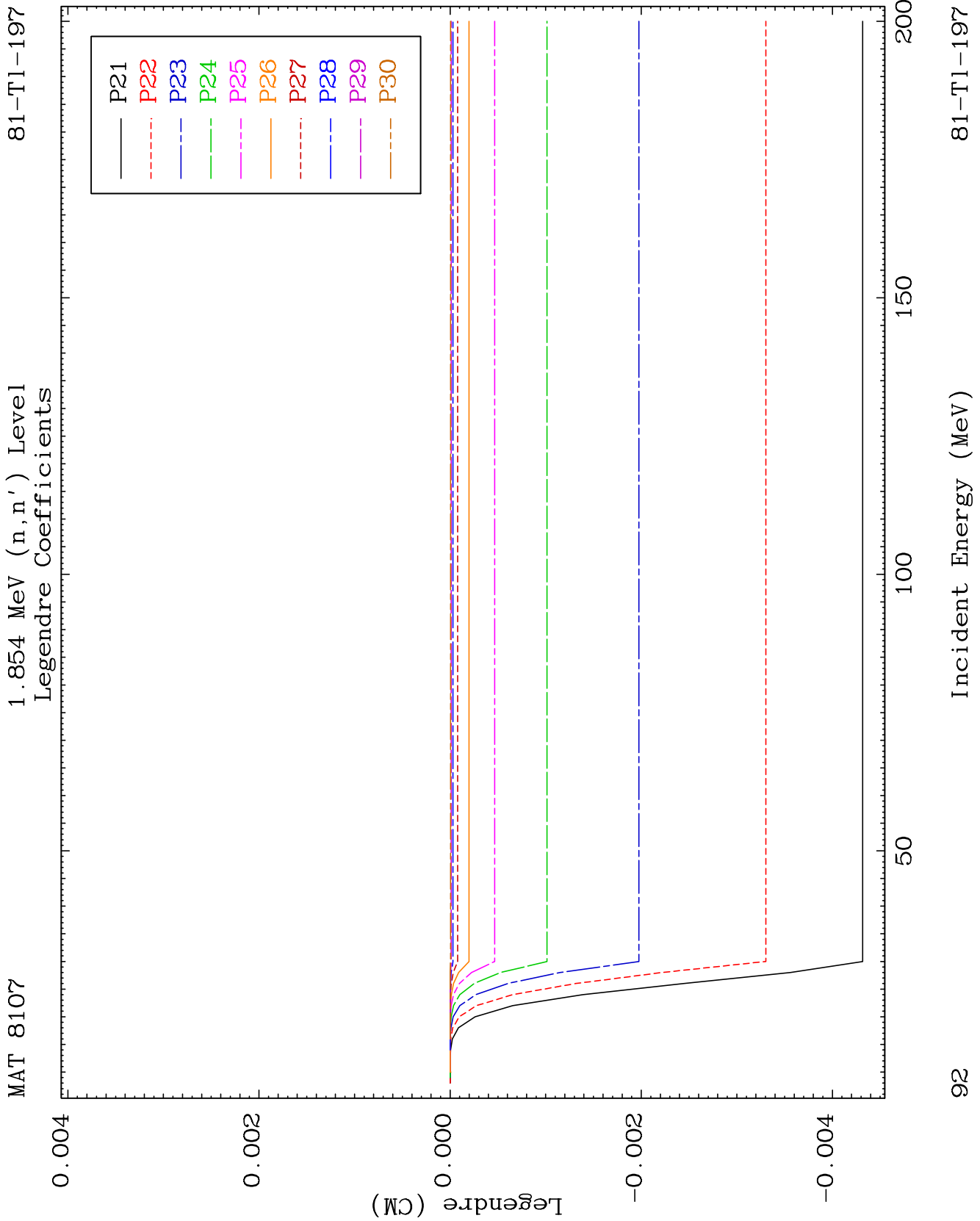
81-T1-197

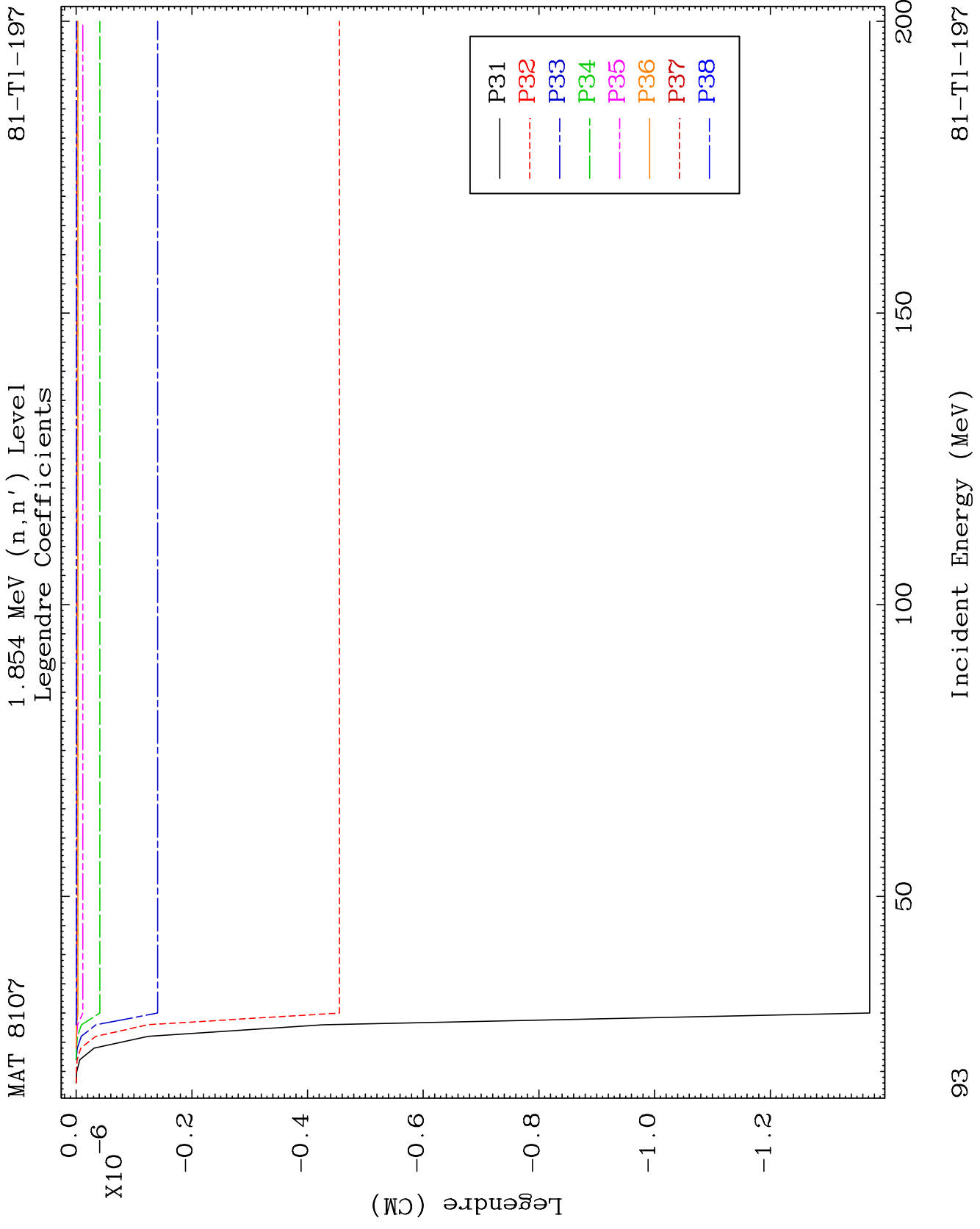


91

Incident Energy (MeV)

81-T1-197

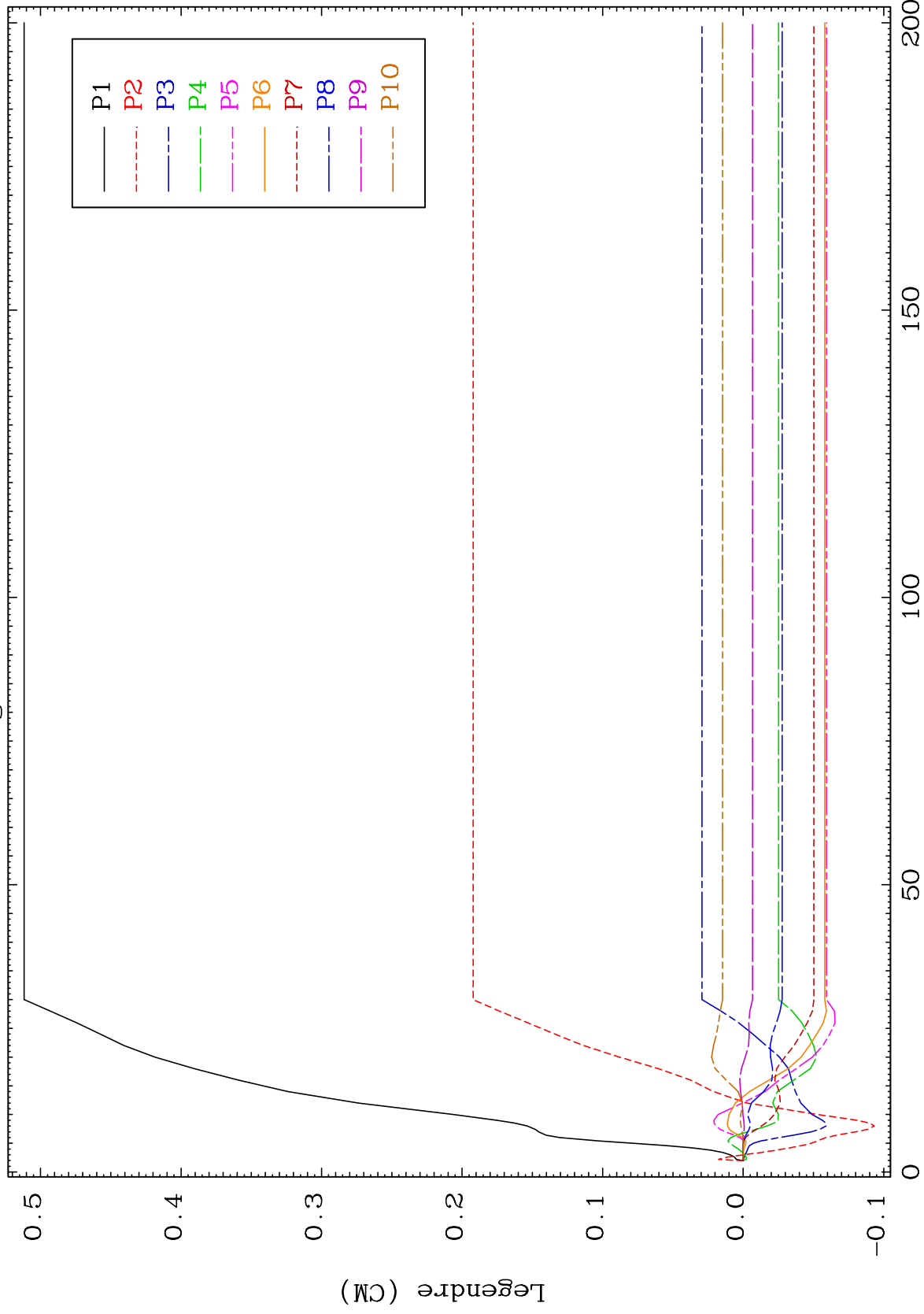




MAT 8107

1.954 MeV (n,n') Level
Legendre Coefficients

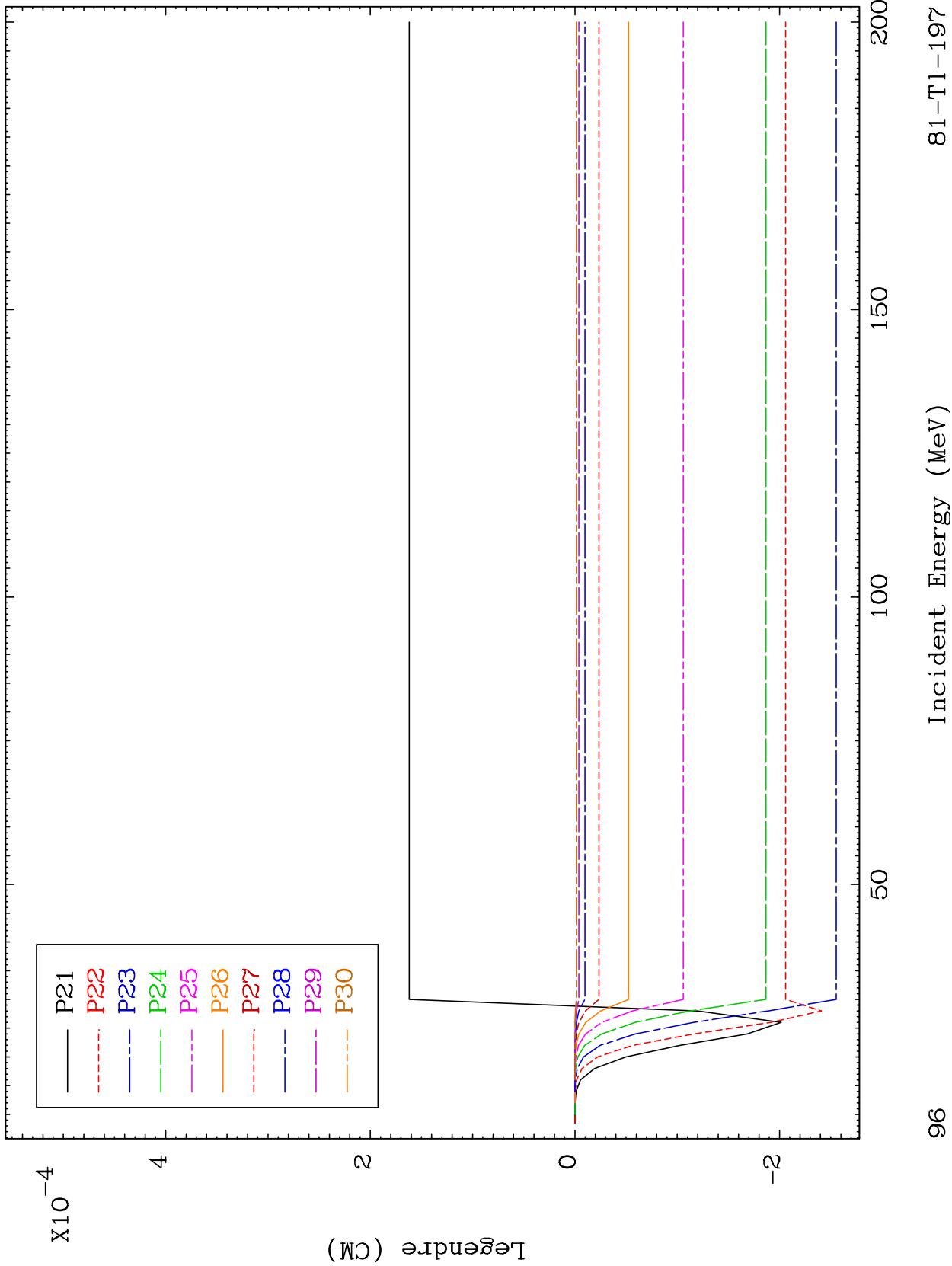
81-T1-197



94

Incident Energy (MeV)

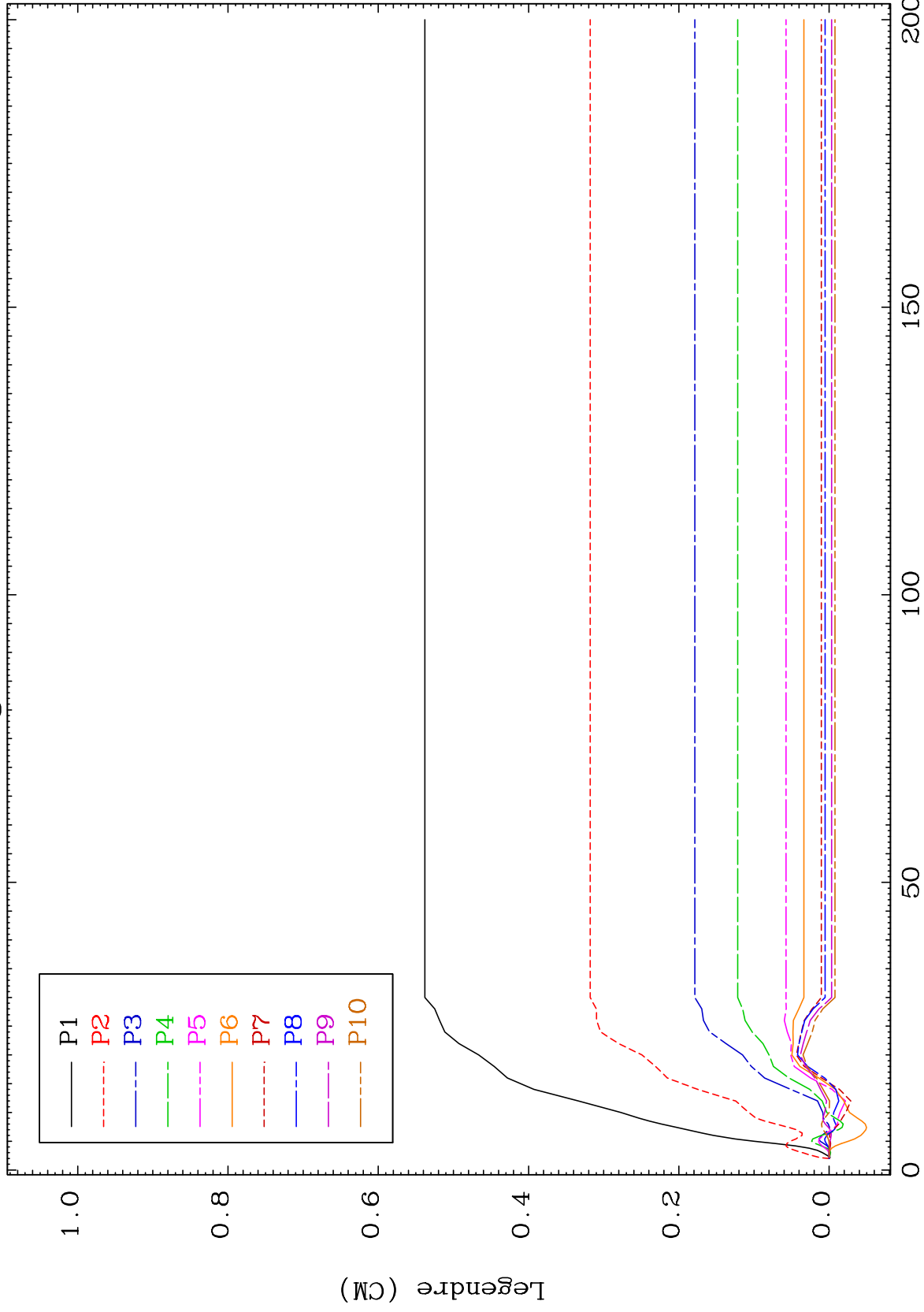
81-T1-197



MAT 8107

1.970 MeV (n,n') Level
Legendre Coefficients

81-T1-197



98

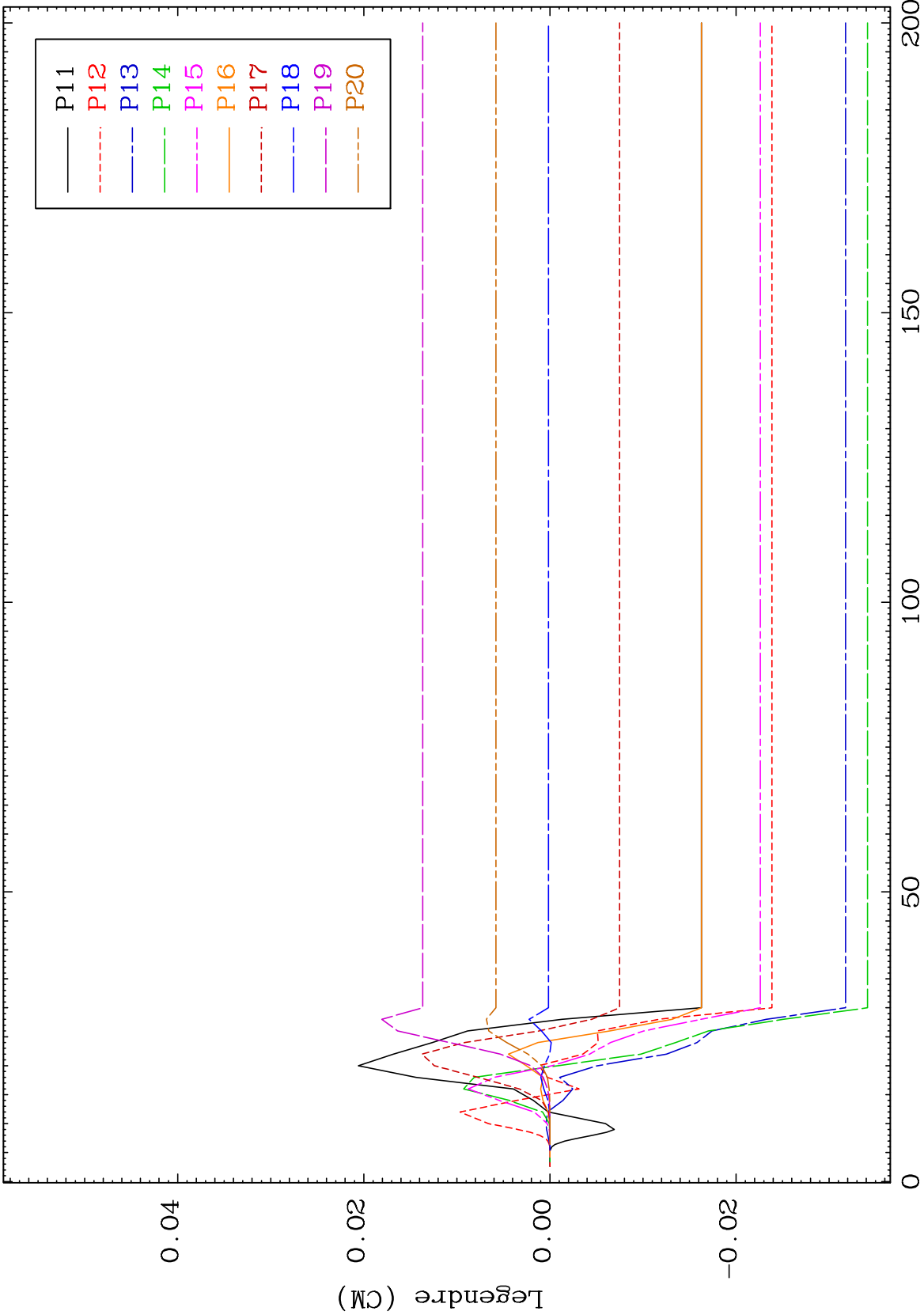
Incident Energy (MeV)

81-T1-197

MAT 8107

1.970 MeV (n,n') Level
Legendre Coefficients

81-Tl-197



99

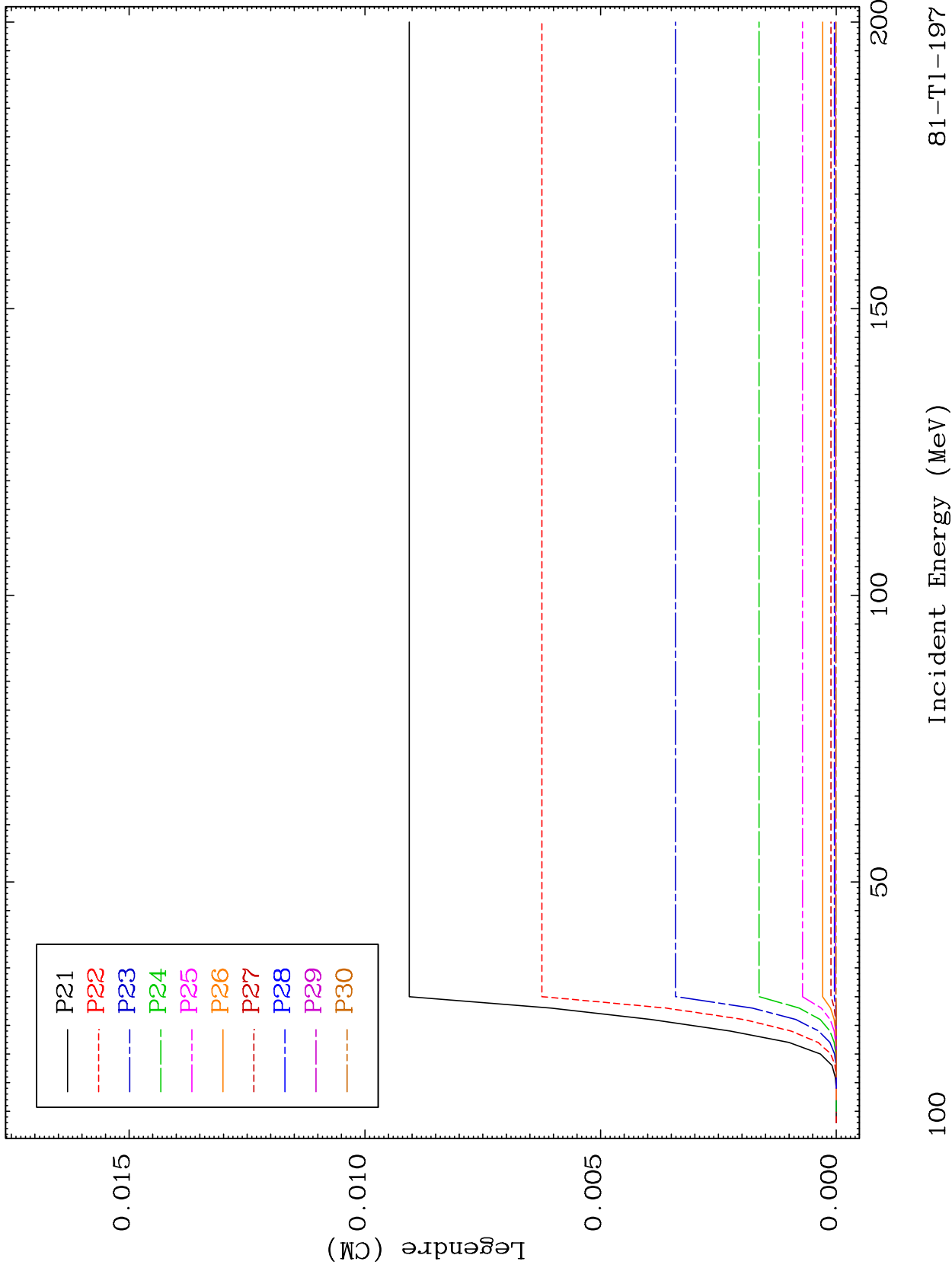
Incident Energy (MeV)

81-Tl-197

MAT 8107

1.970 MeV (n,n') Level
Legendre Coefficients

81-T1-197

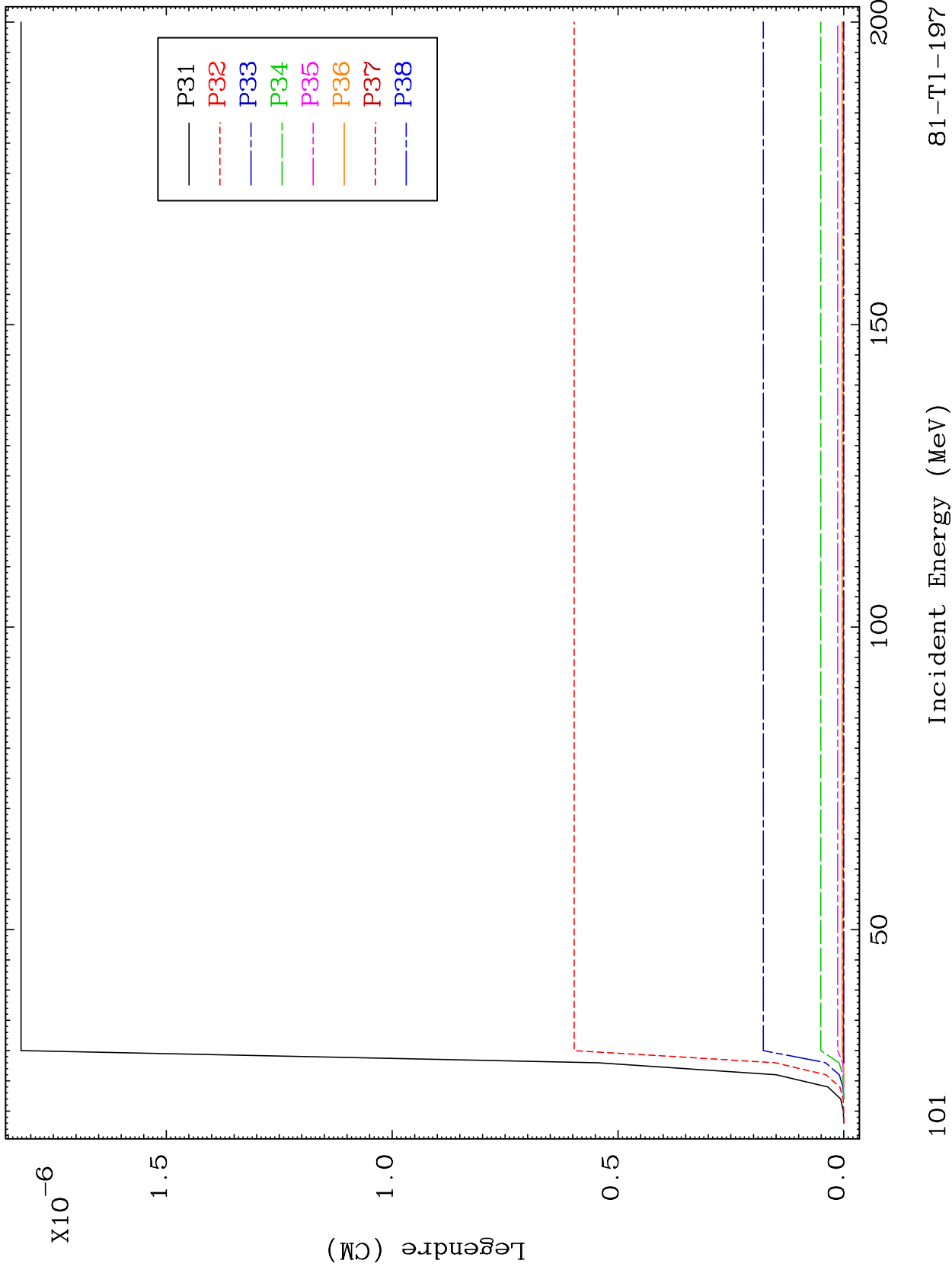


81-T1-197

MAT 8107

1.970 MeV (n,n') Level
Legendre Coefficients

81-T1-197



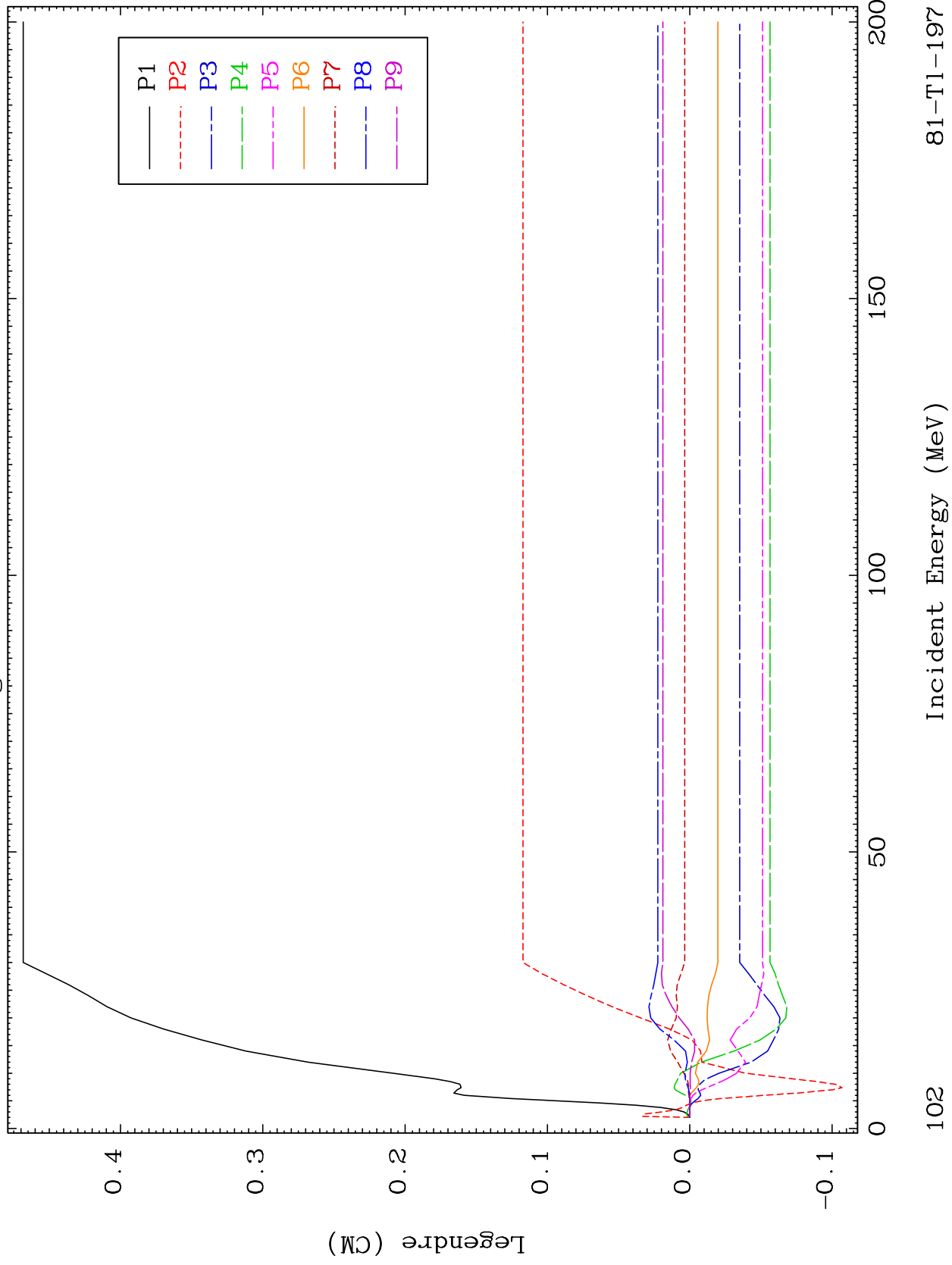
101

81-T1-197

MAT 8107

1.995 MeV (n,n') Level
Legendre Coefficients

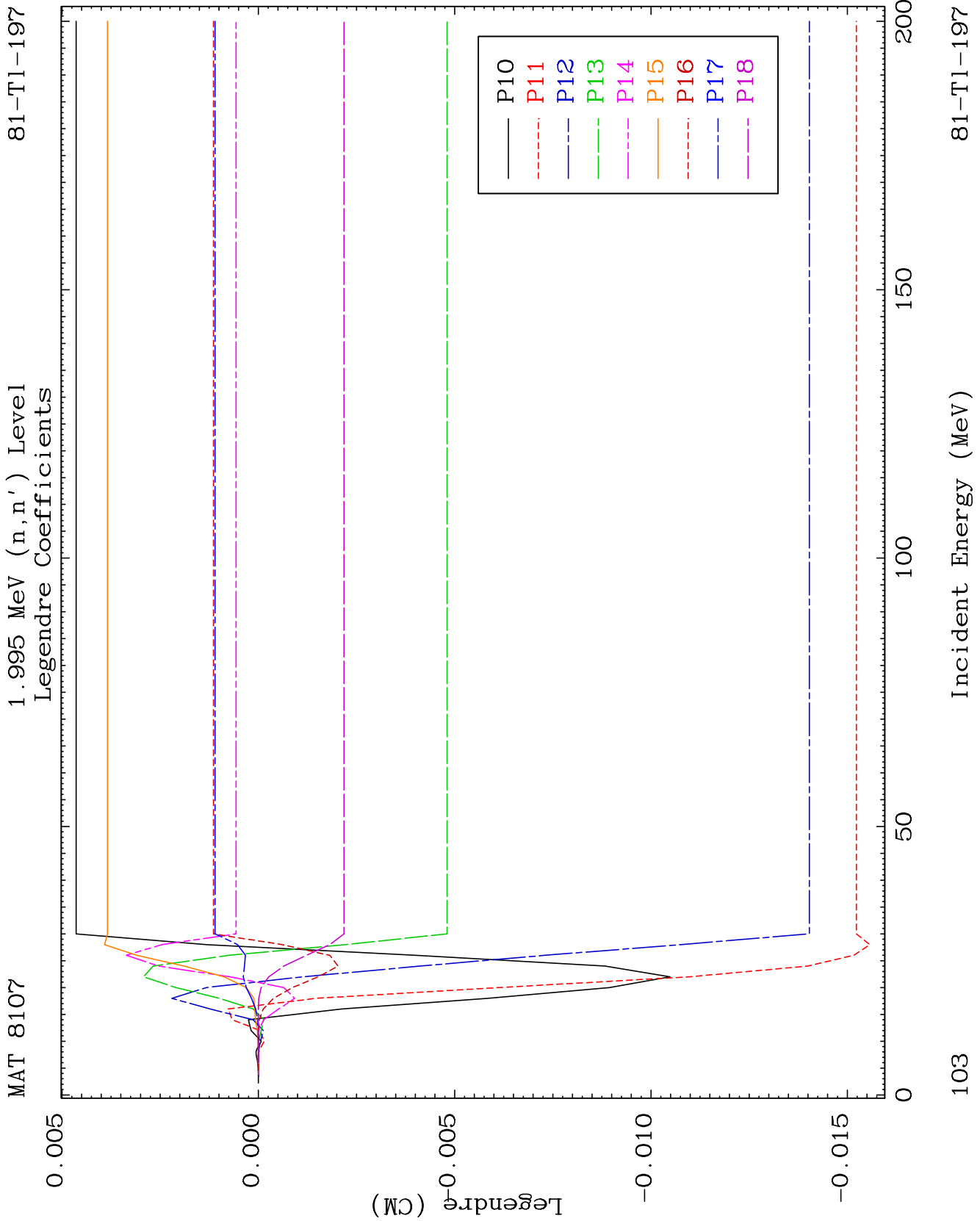
81-T1-197



81-T1-197

Incident Energy (MeV)

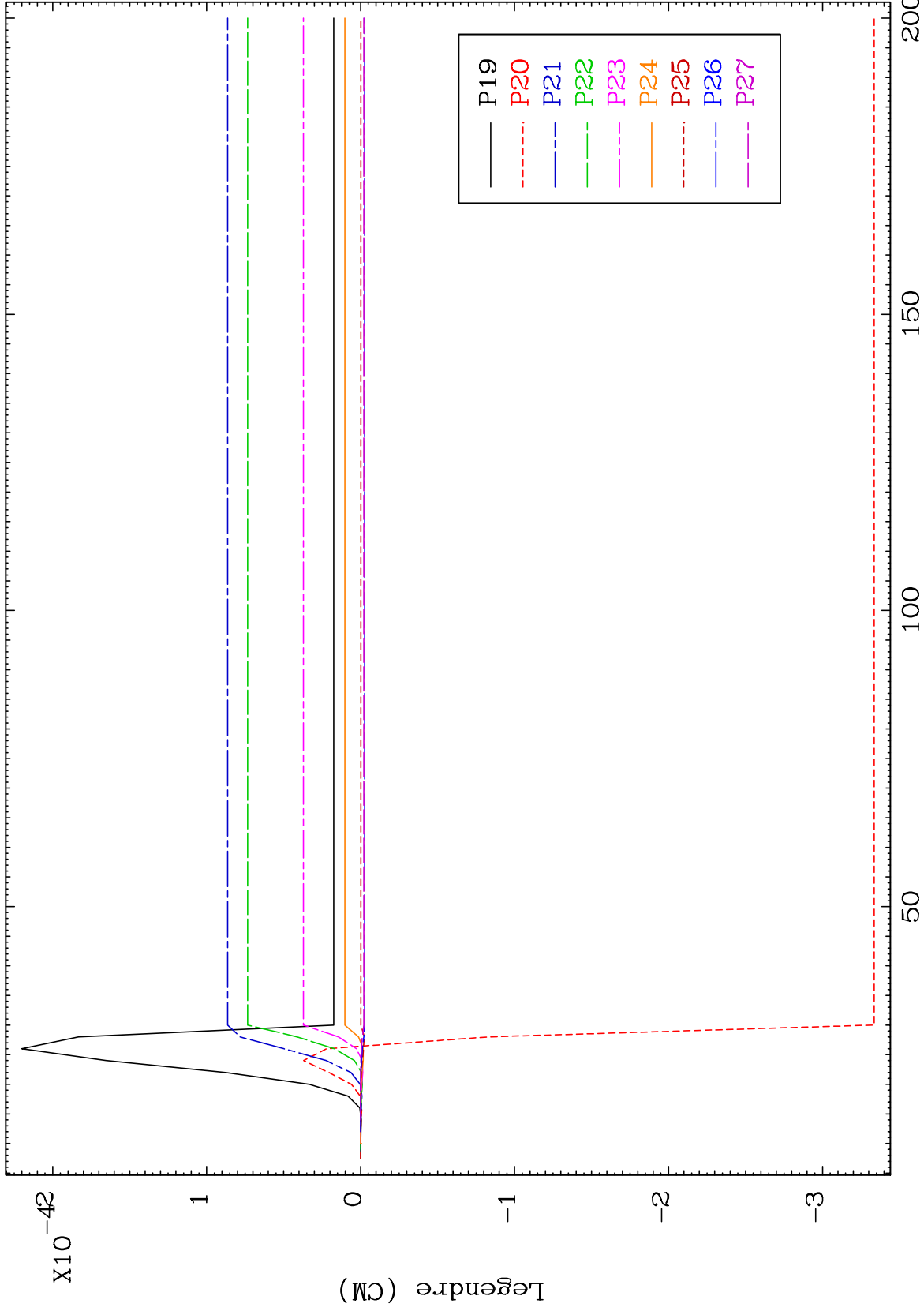
102



MAT 8107

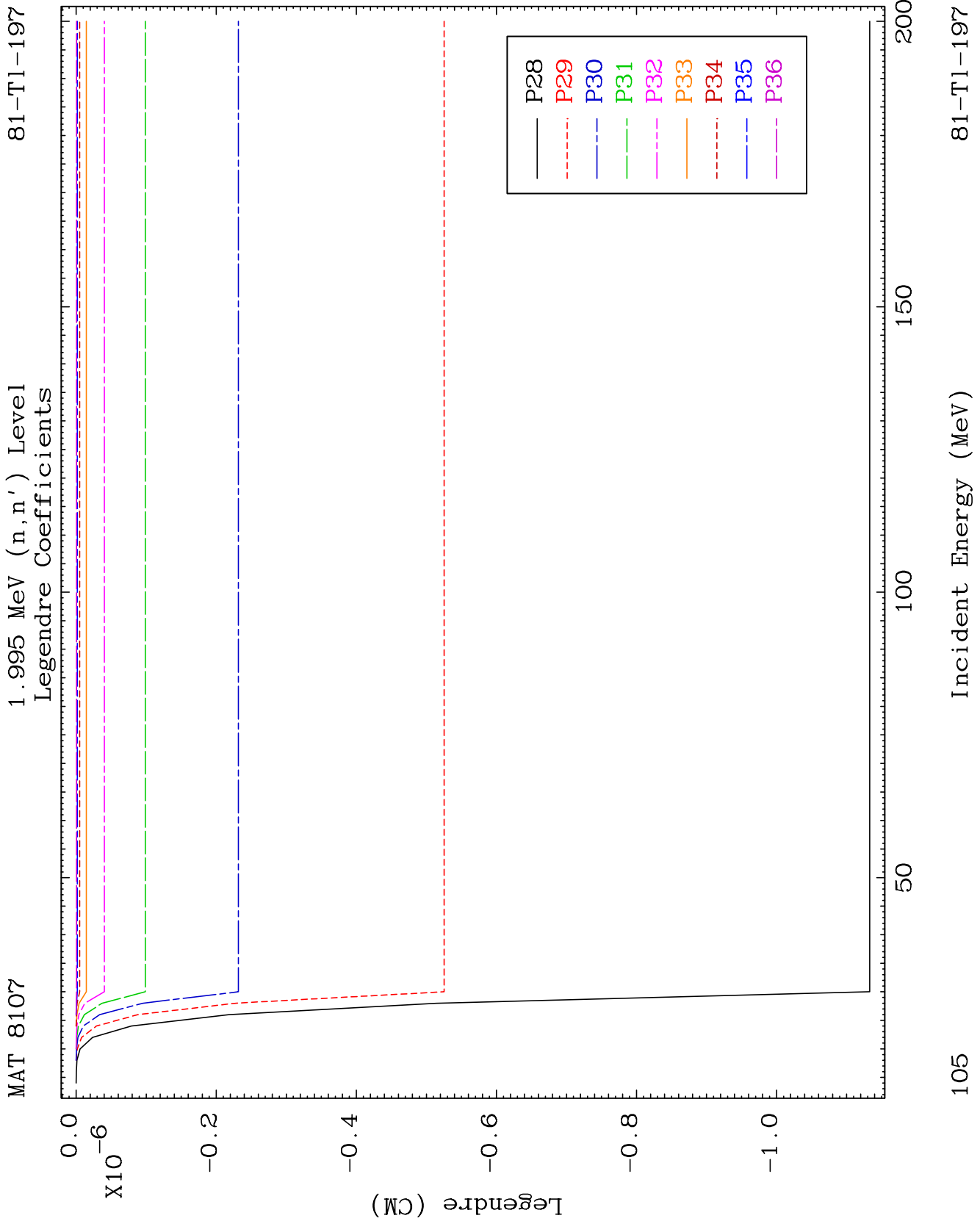
1.995 MeV (n,n') Level
Legendre Coefficients

81-T1-197



104

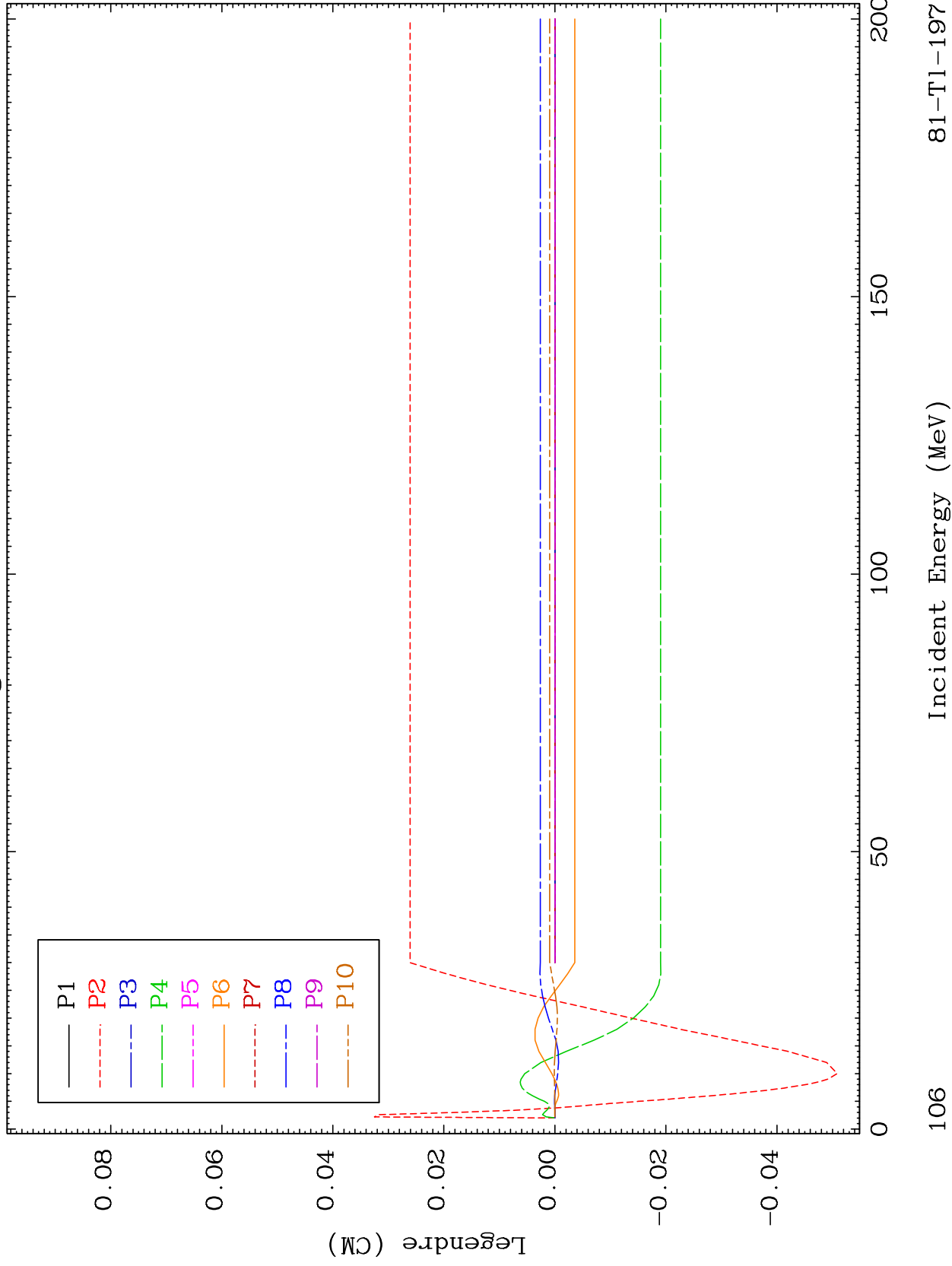
81-T1-197



MAT 8107

1.999 MeV (n, n') Level
Legendre Coefficients

81-T1-197



81-T1-197

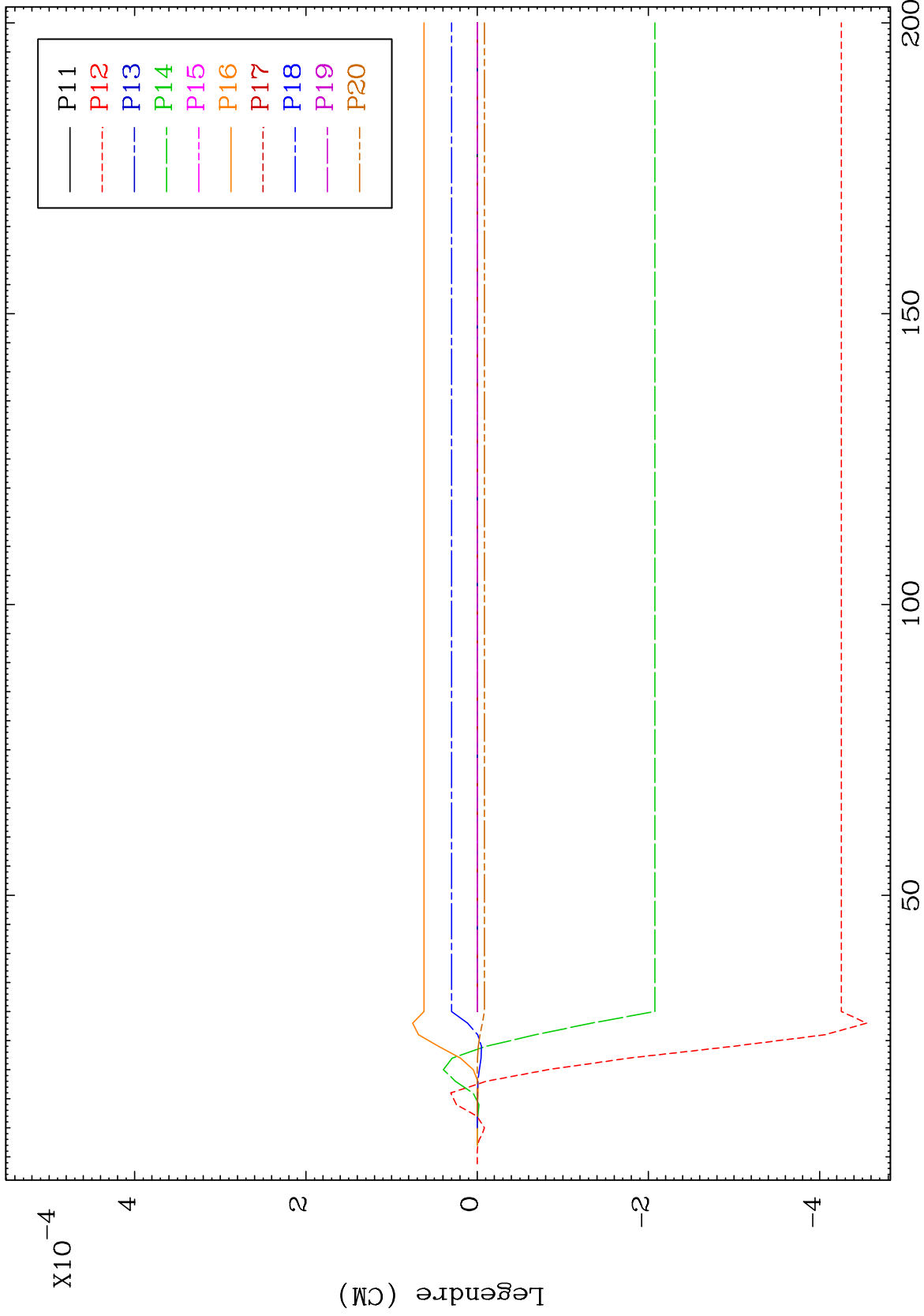
Incident Energy (MeV)

106

MAT 8107

1.999 MeV (n,n') Level
Legendre Coefficients

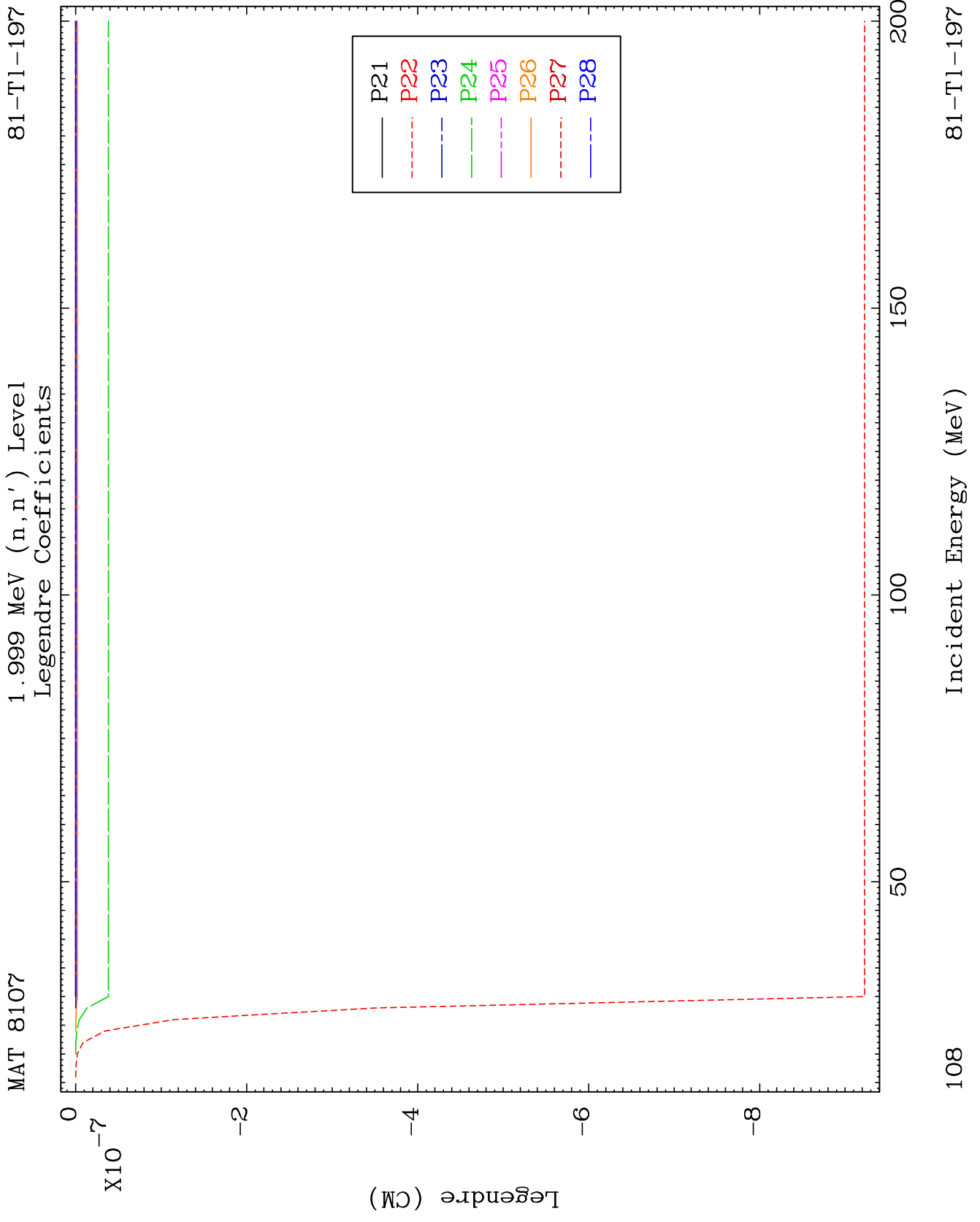
81-Tl-197



107

Incident Energy (MeV)

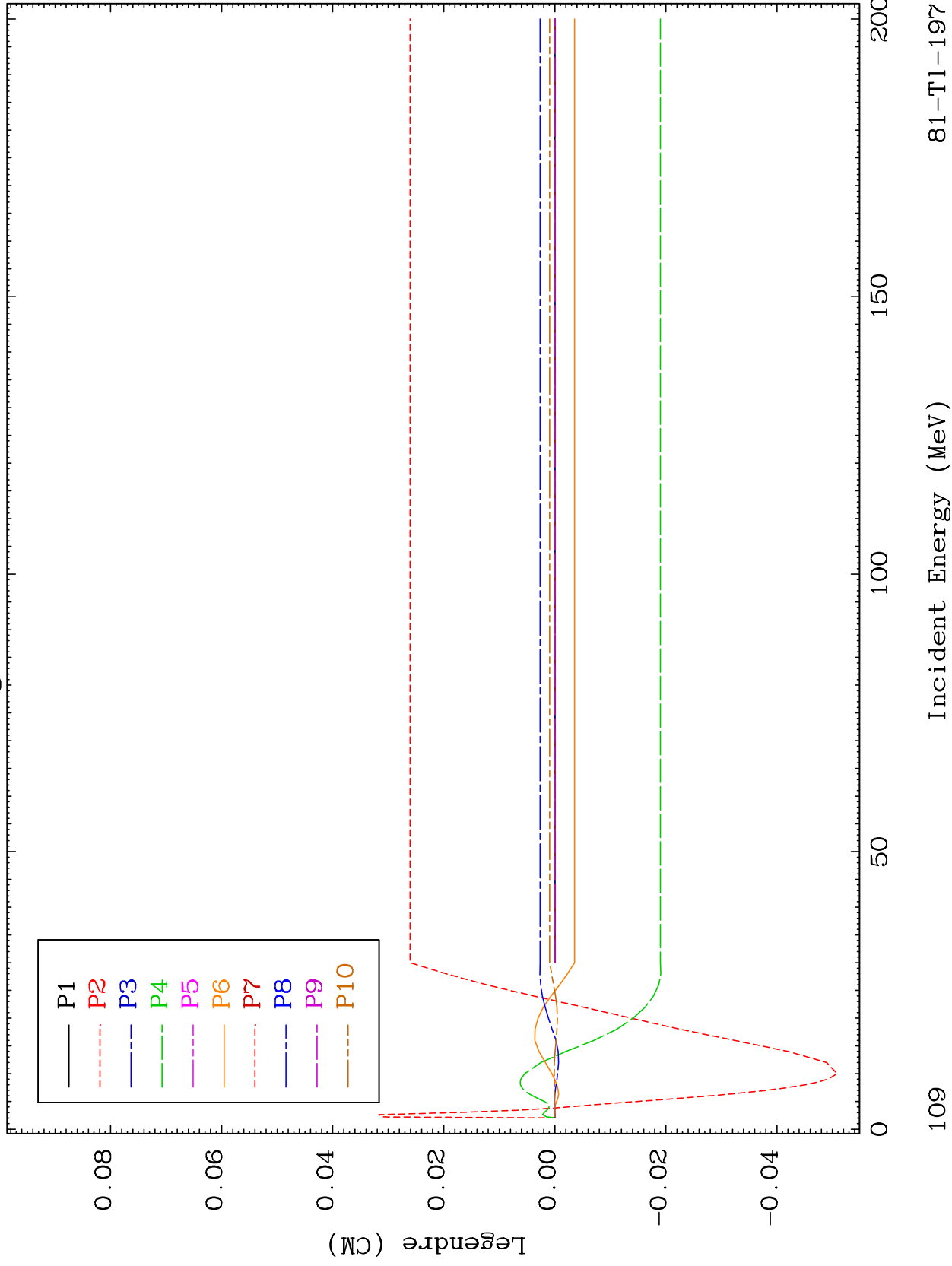
81-Tl-197

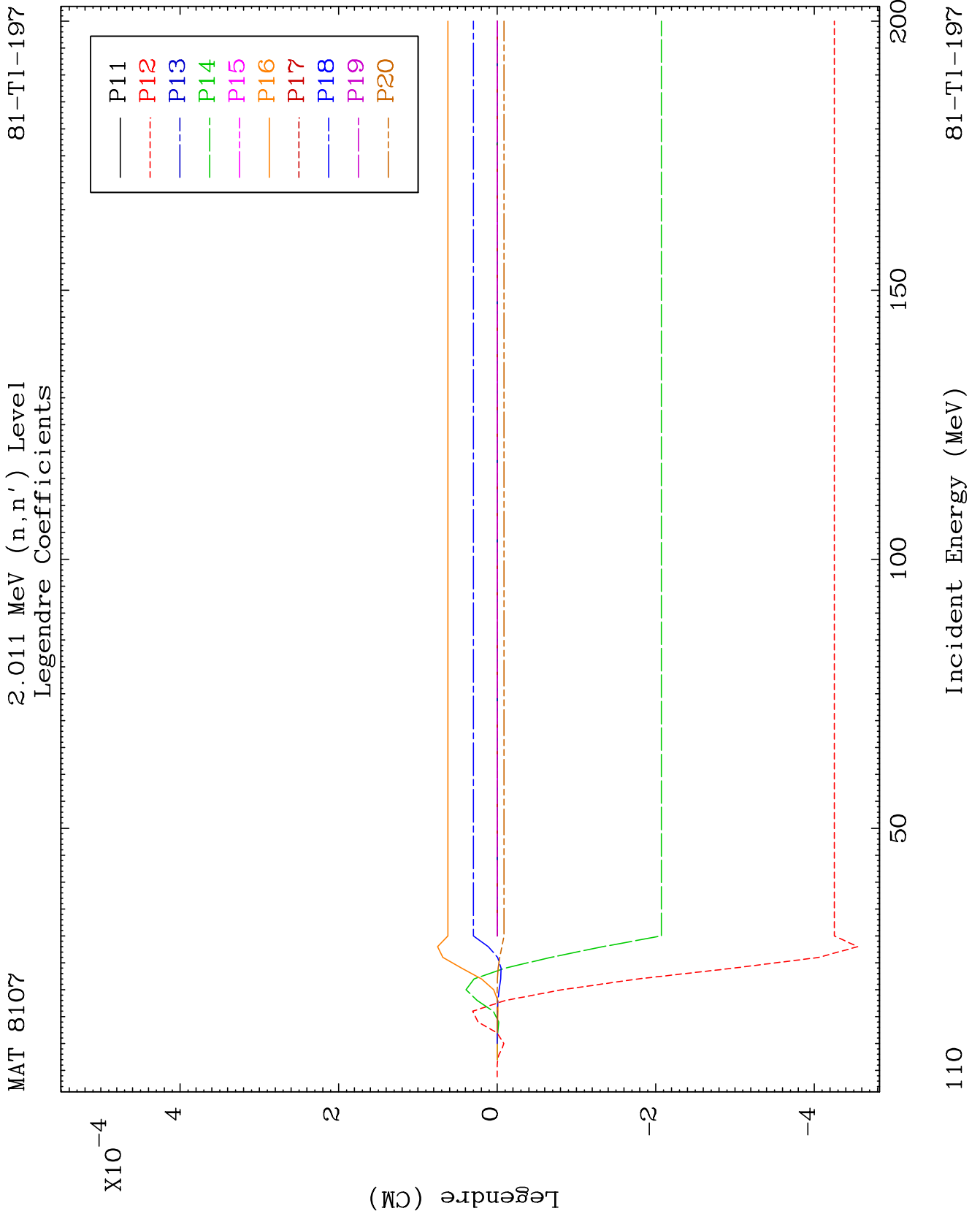


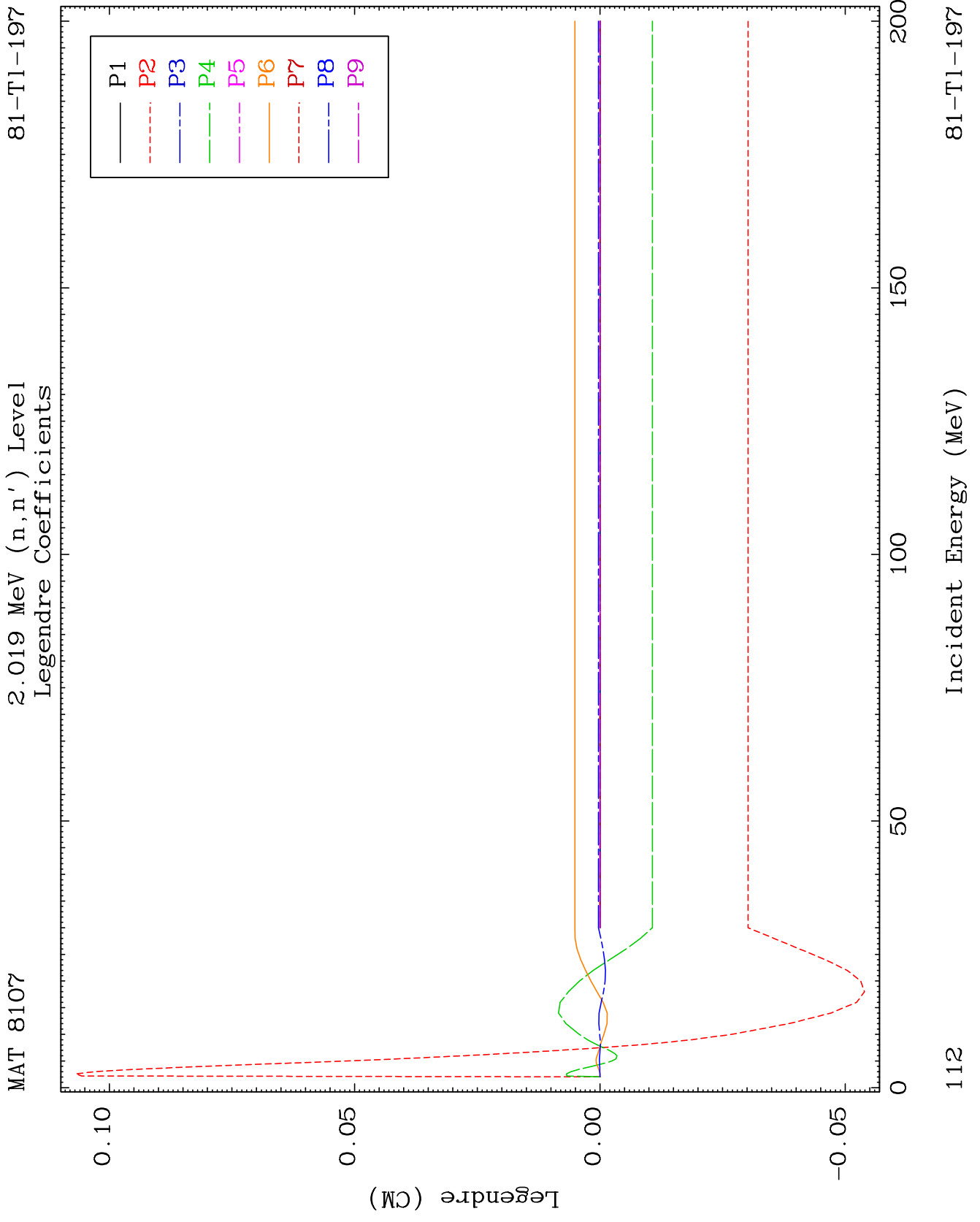
MAT 8107

2.011 MeV (n,n') Level
Legendre Coefficients

81-T1-197



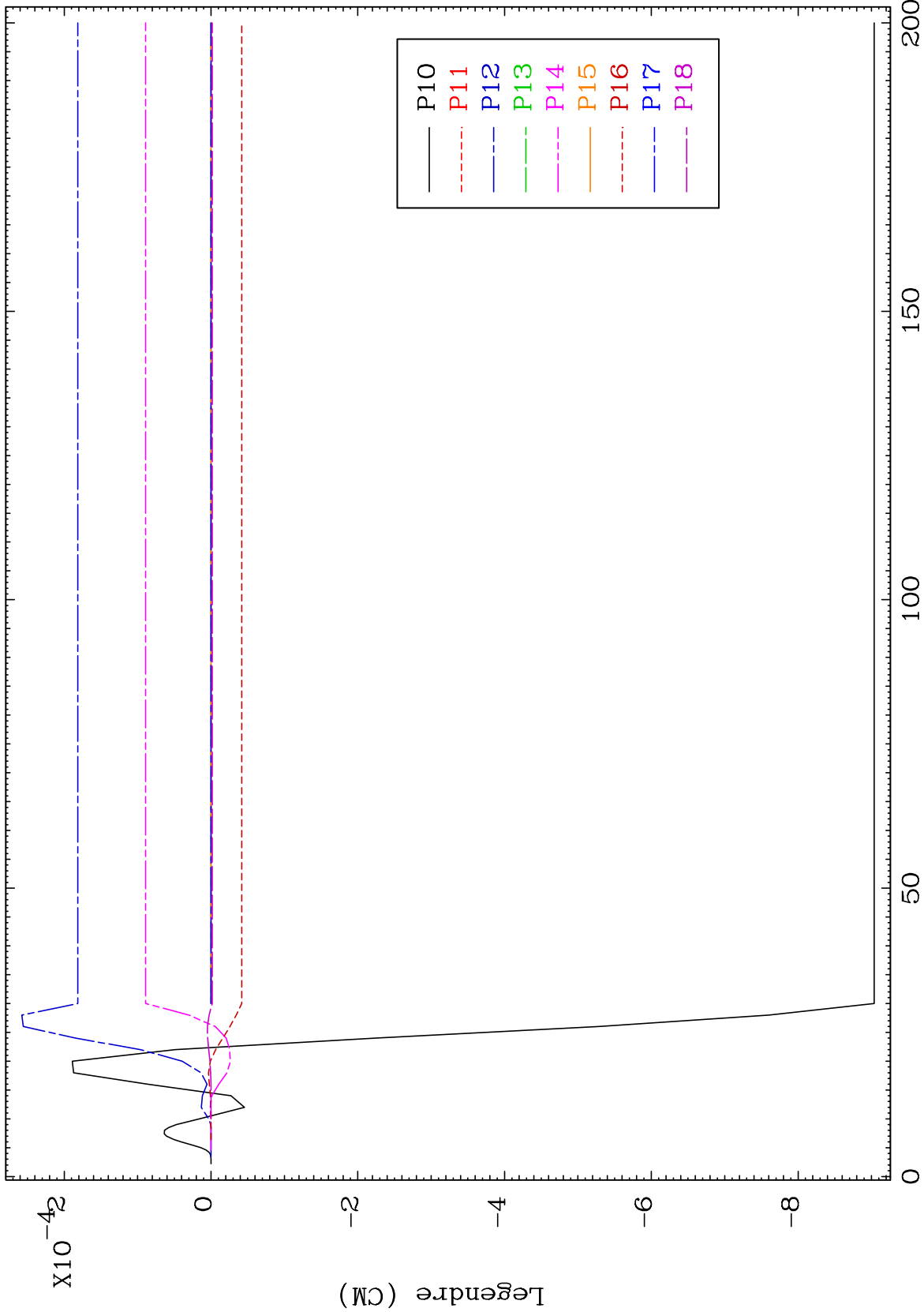




MAT 8107

2.019 MeV (n,n') Level
Legendre Coefficients

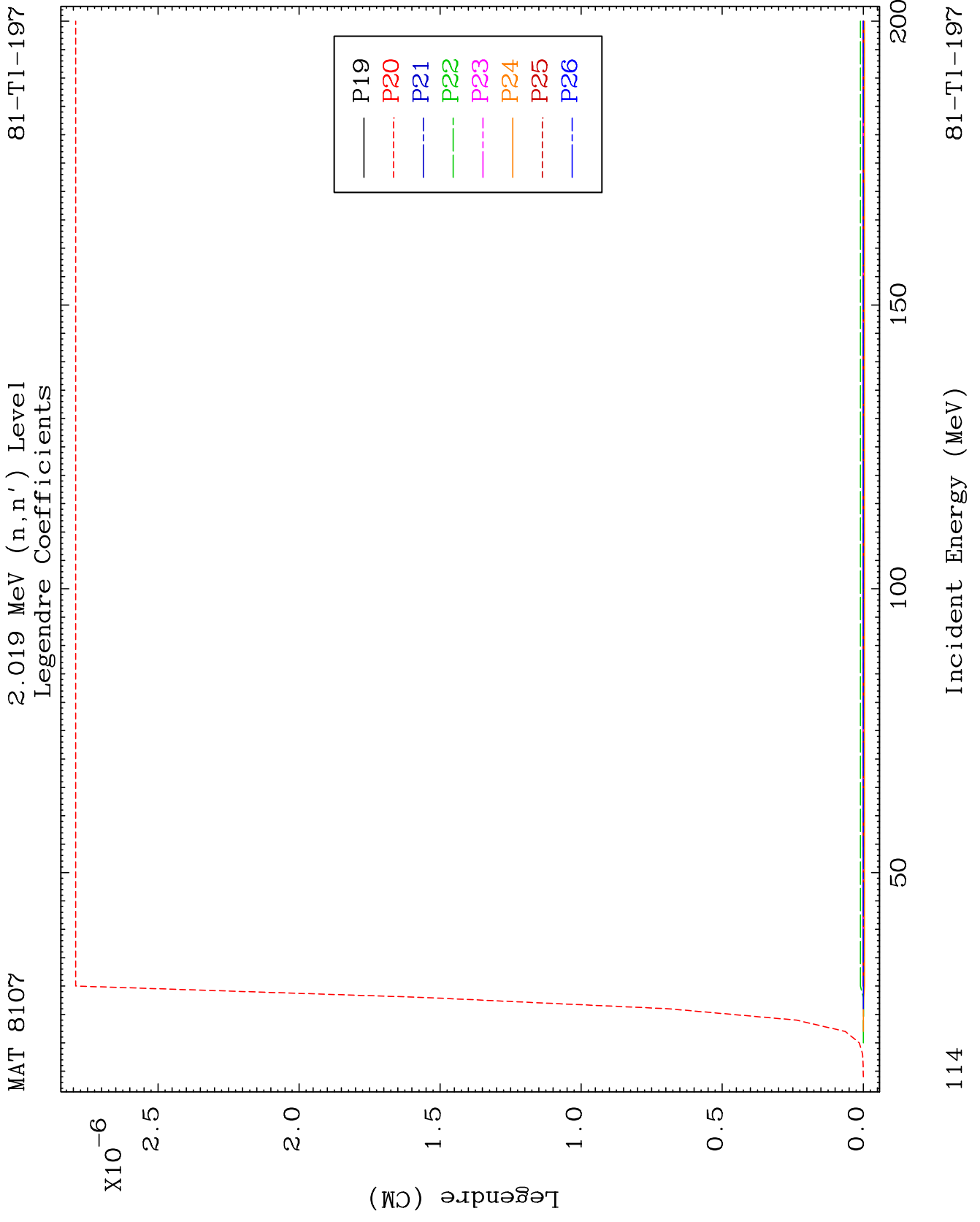
81-T1-197



113

Incident Energy (MeV)

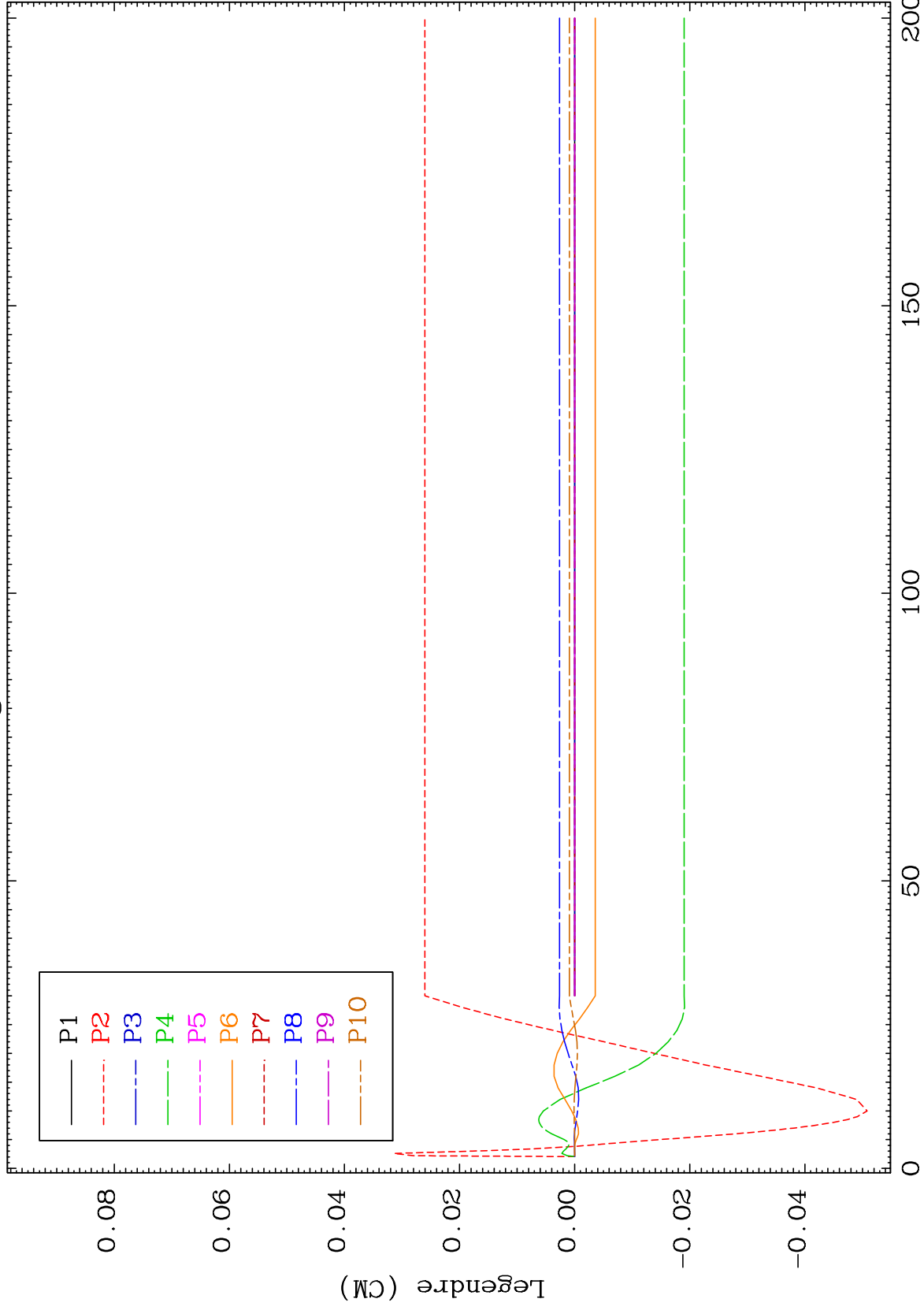
81-T1-197



MAT 8107

2.033 MeV (n,n') Level
Legendre Coefficients

81-T1-197



Incident Energy (MeV)

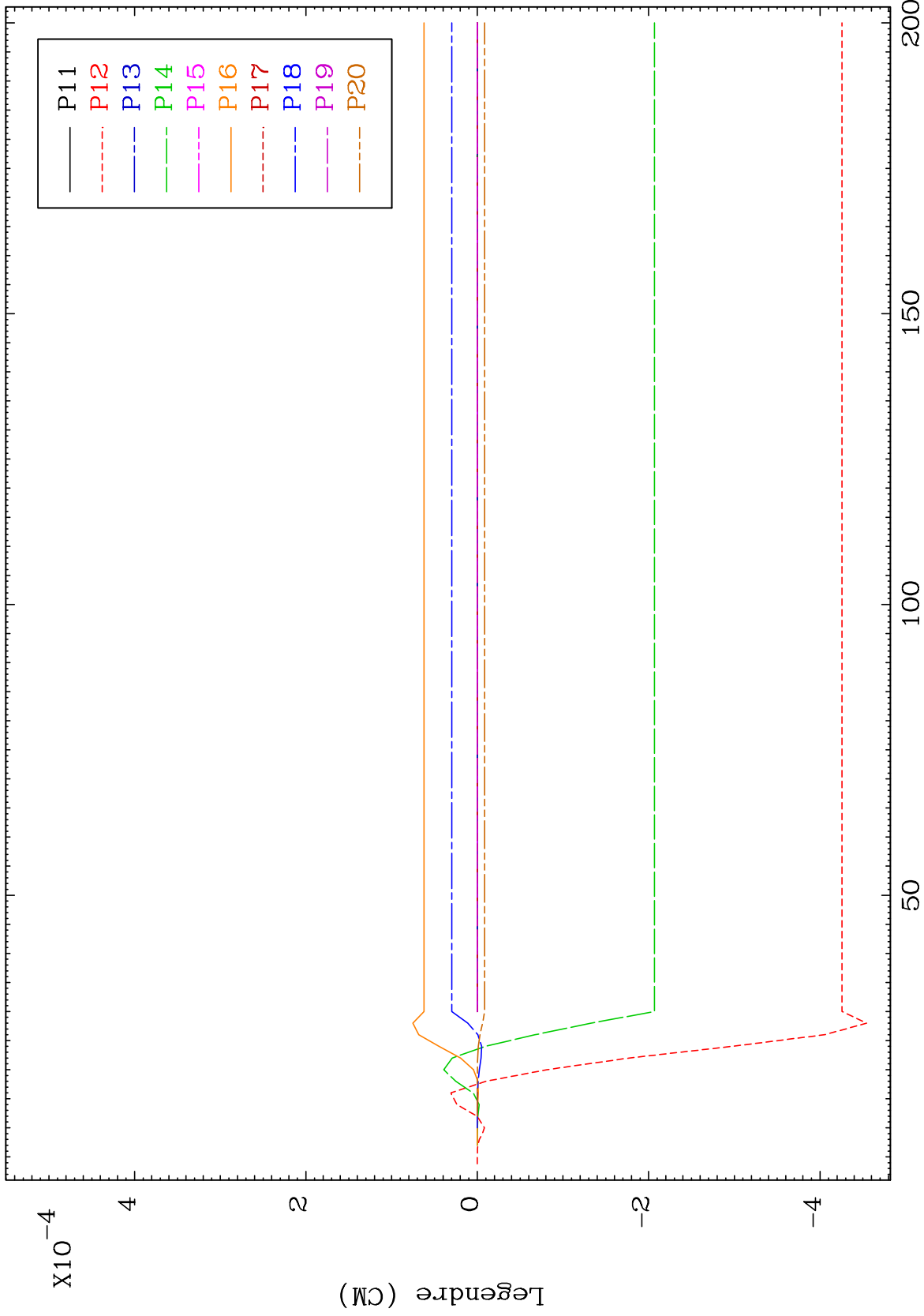
81-T1-197

115

MAT 8107

2.033 MeV (n,n') Level
Legendre Coefficients

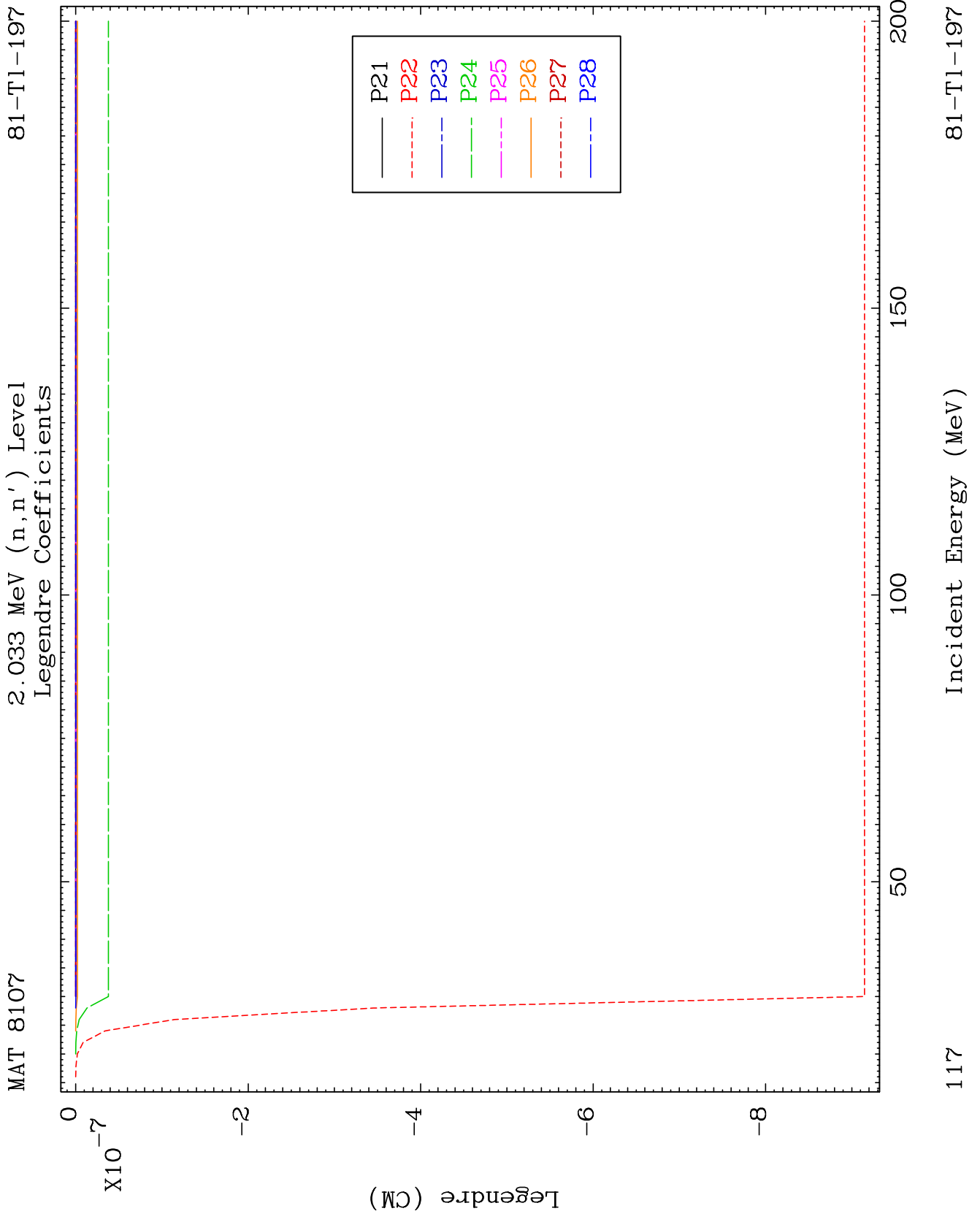
81-T1-197

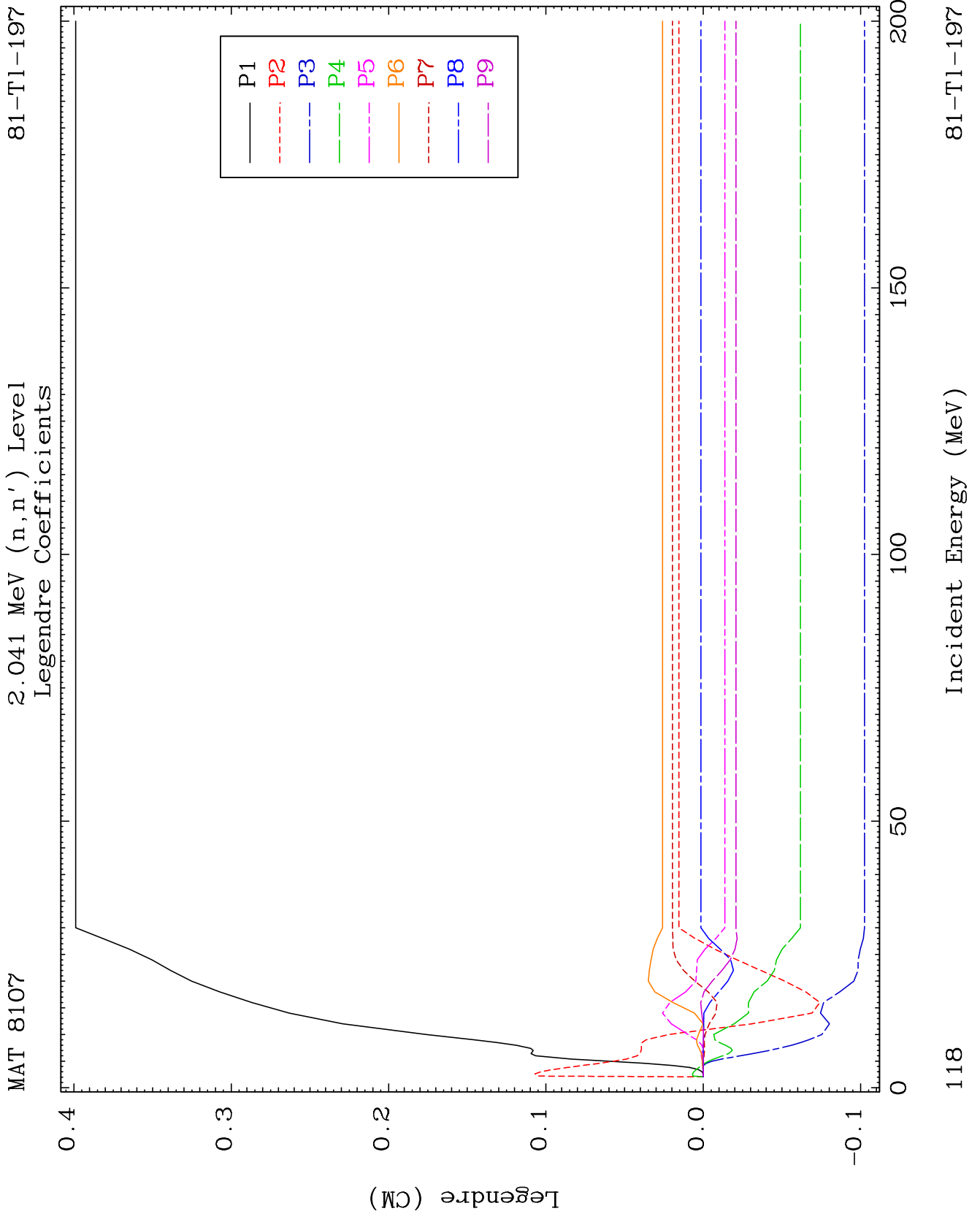


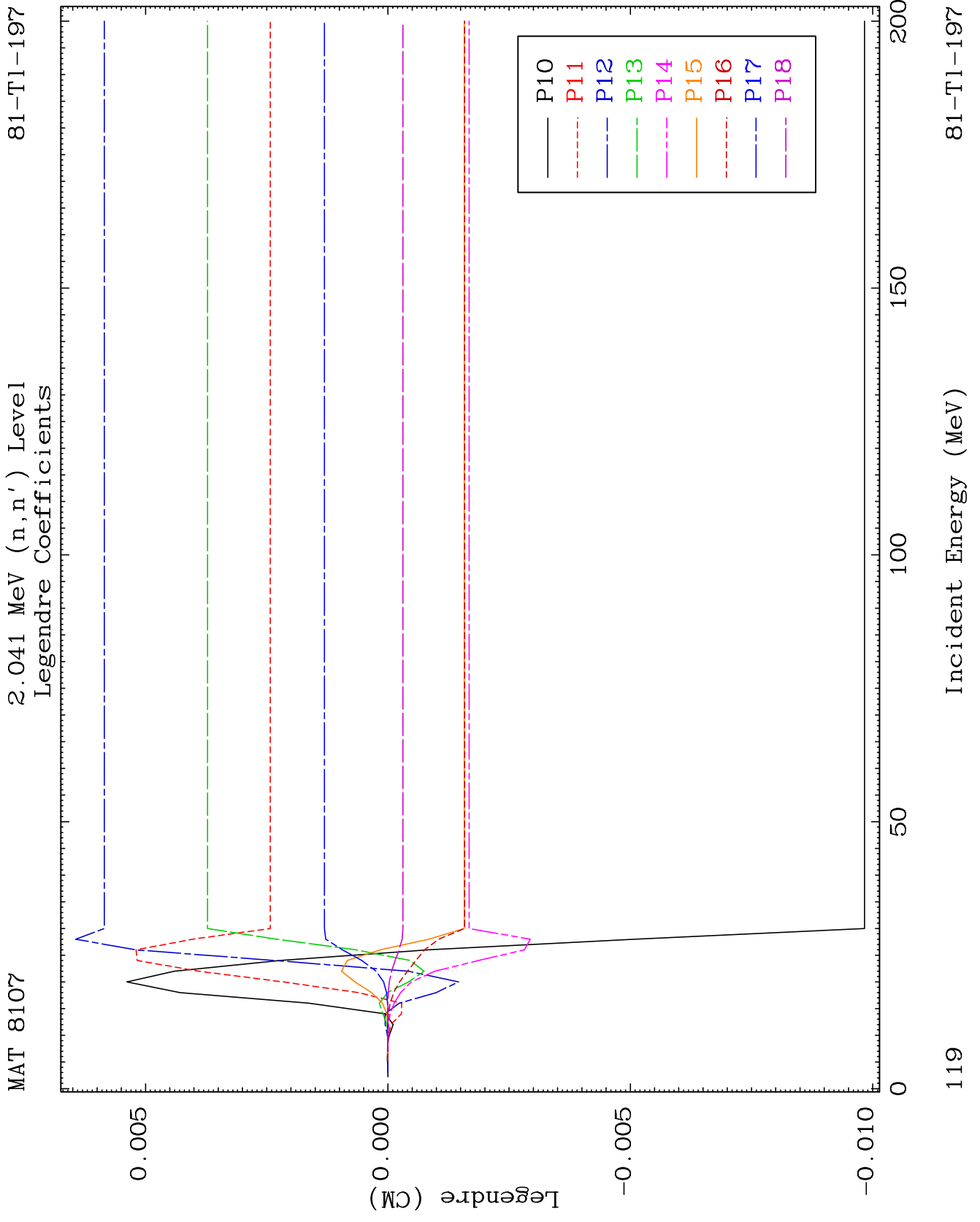
116

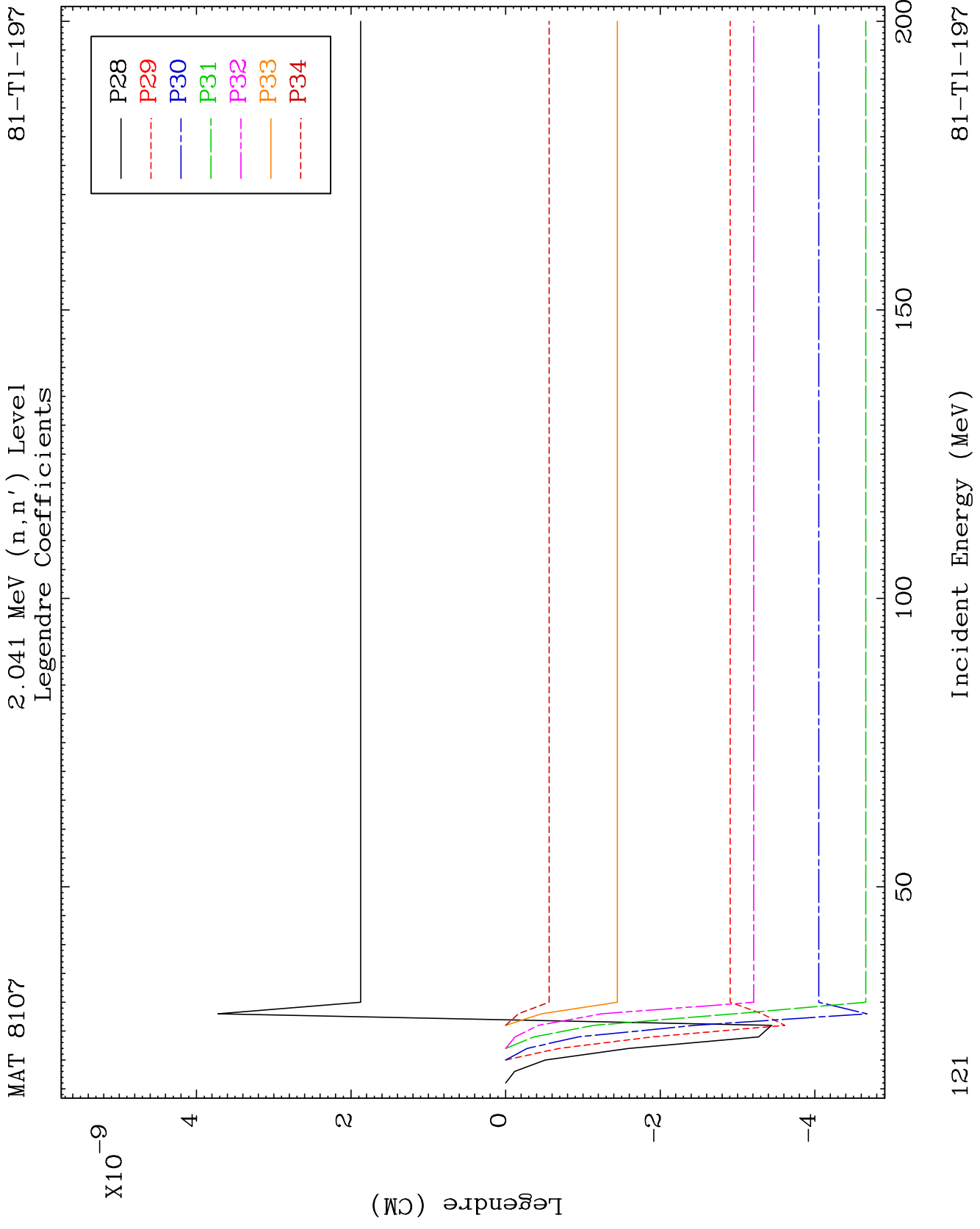
Incident Energy (MeV)

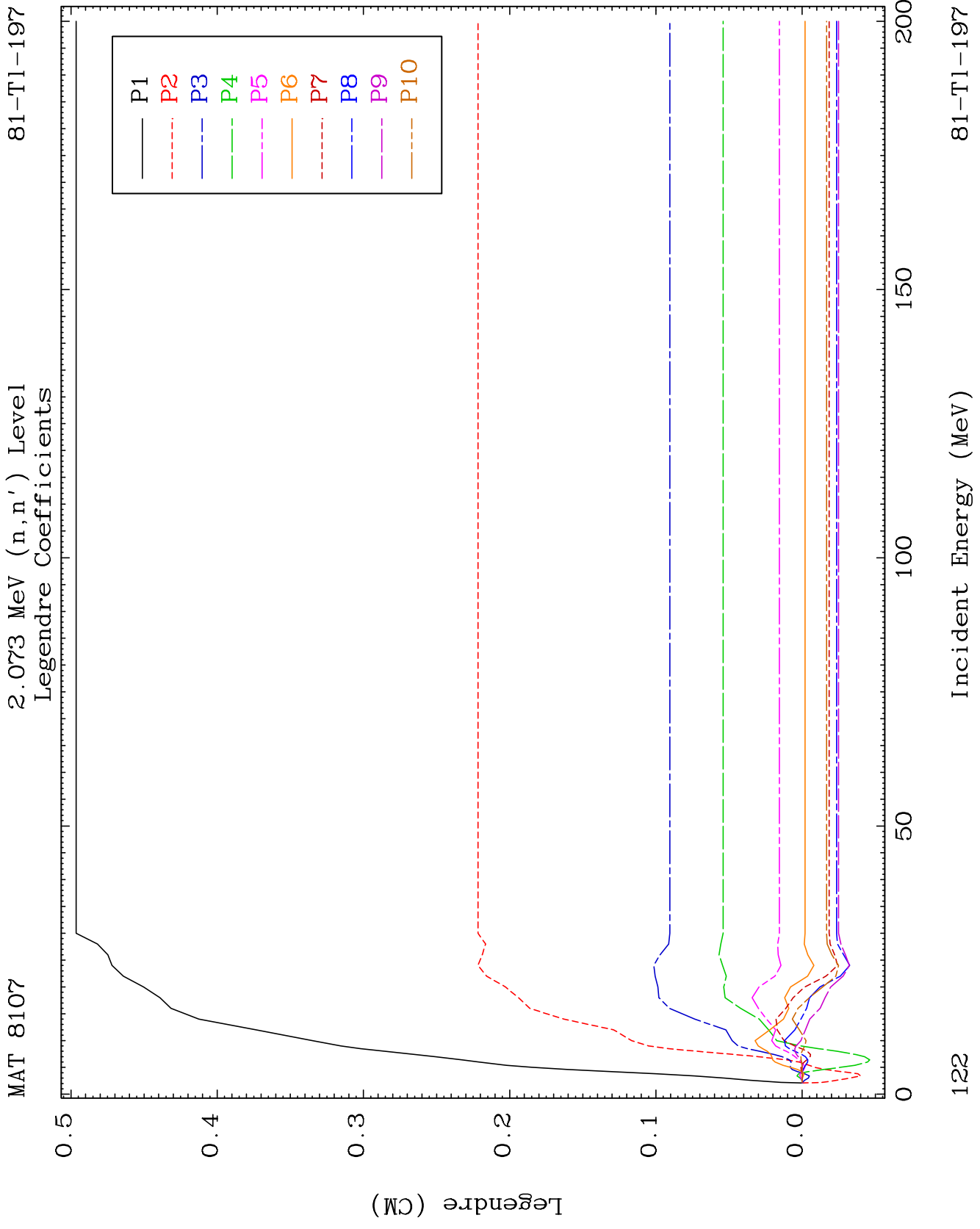
81-T1-197







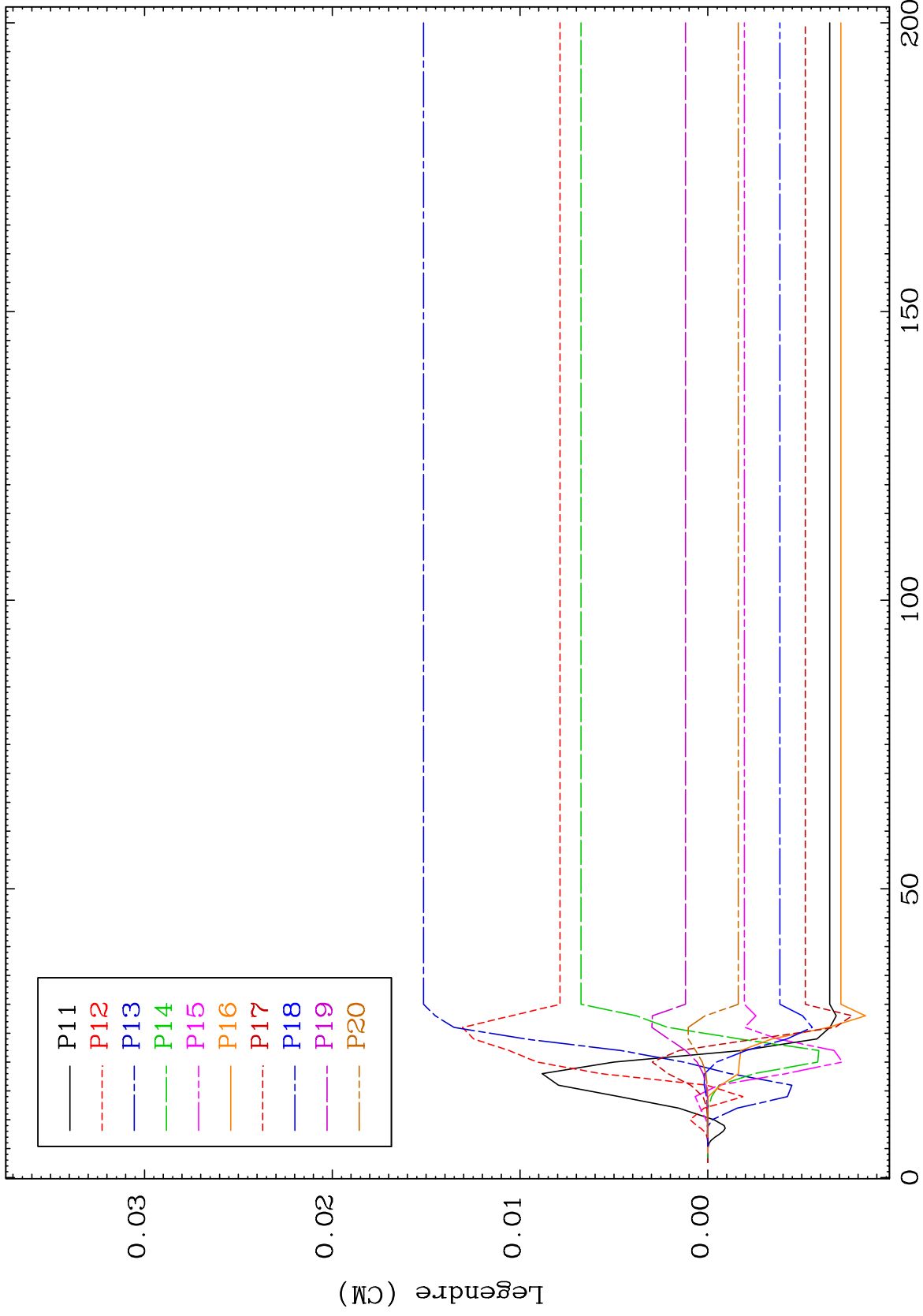




MAT 8107

2.073 MeV (n,n') Level
Legendre Coefficients

81-T1-197



123

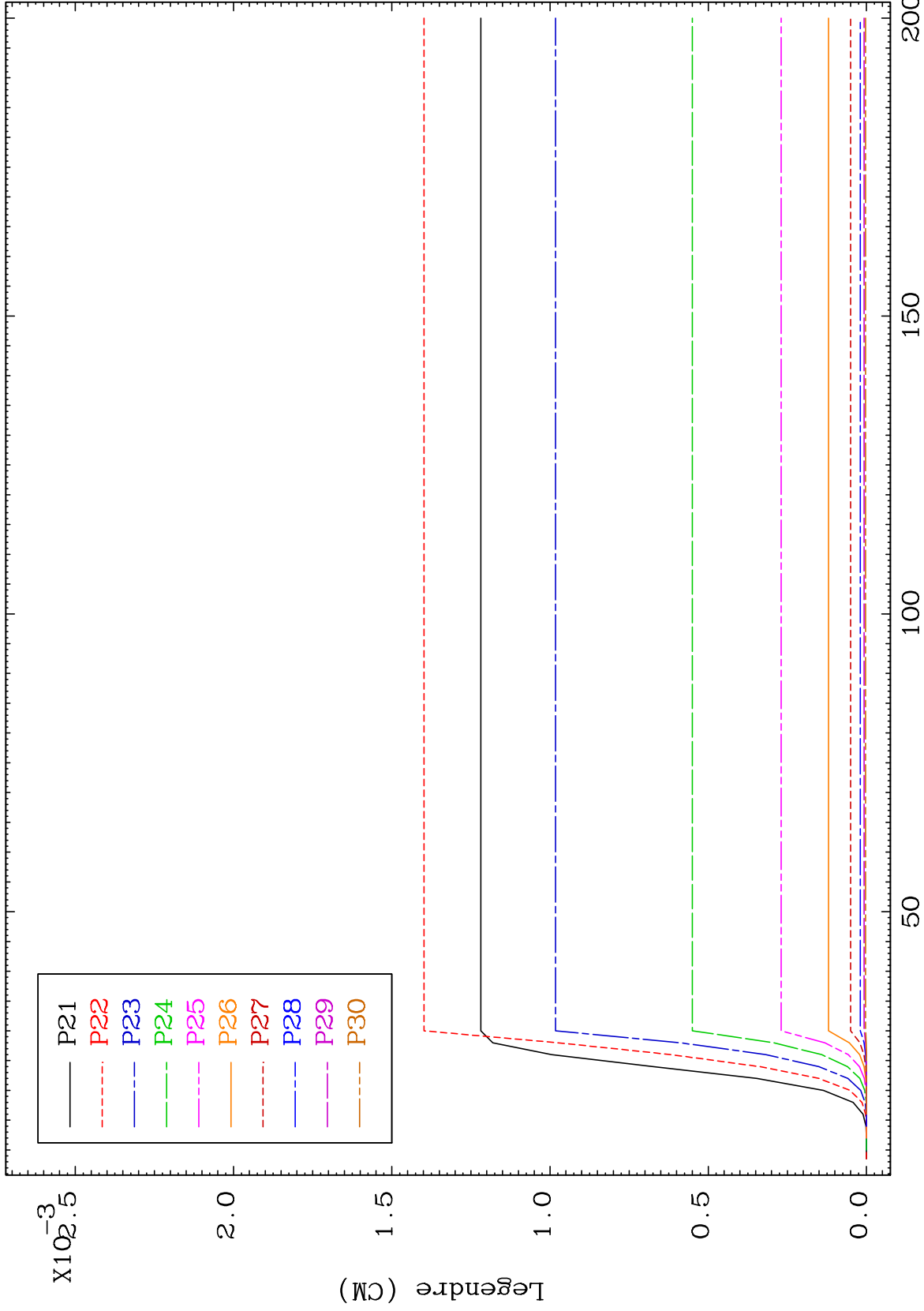
Incident Energy (MeV)

81-T1-197

MAT 8107

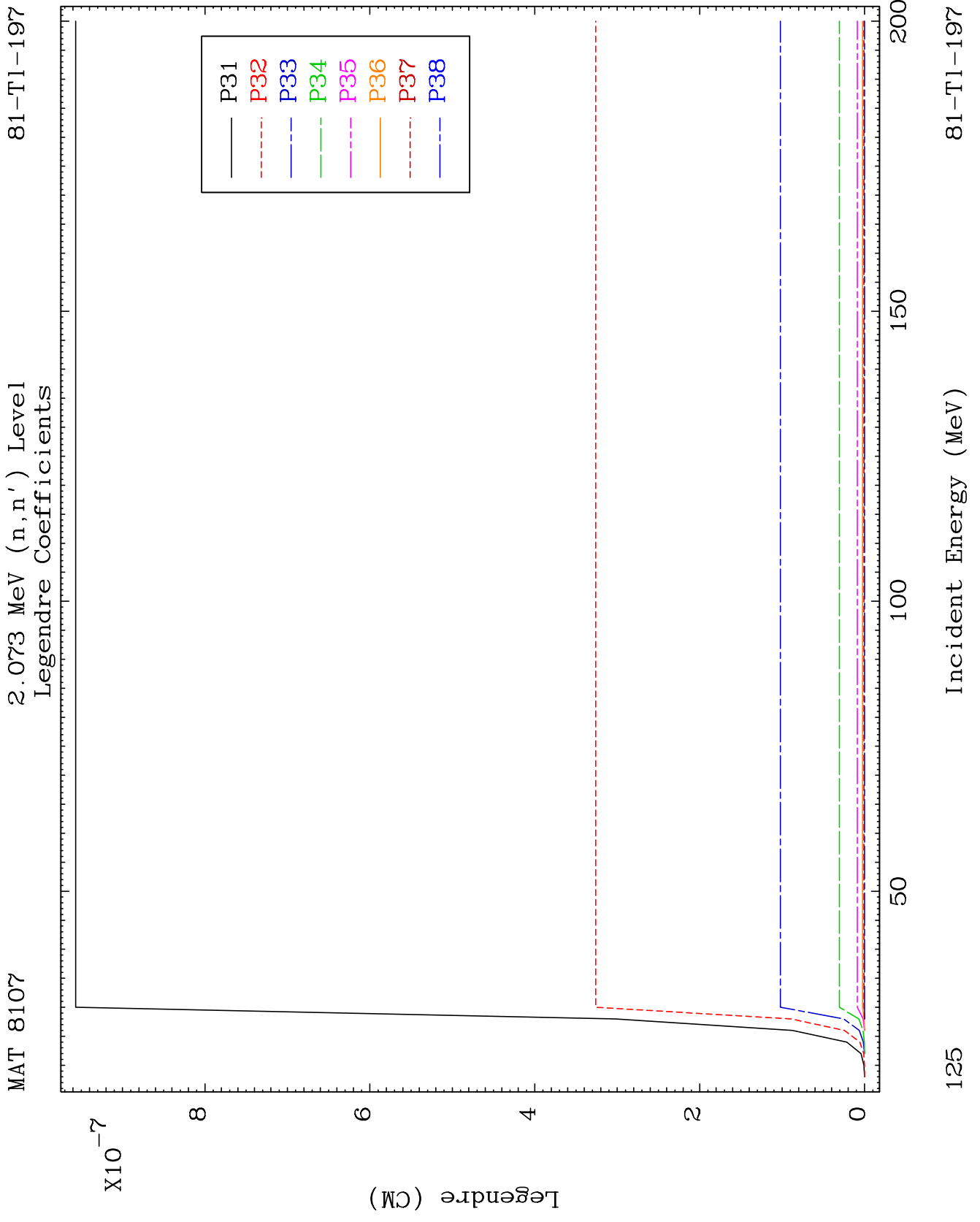
2.073 MeV (n,n') Level
Legendre Coefficients

81-T1-197



124

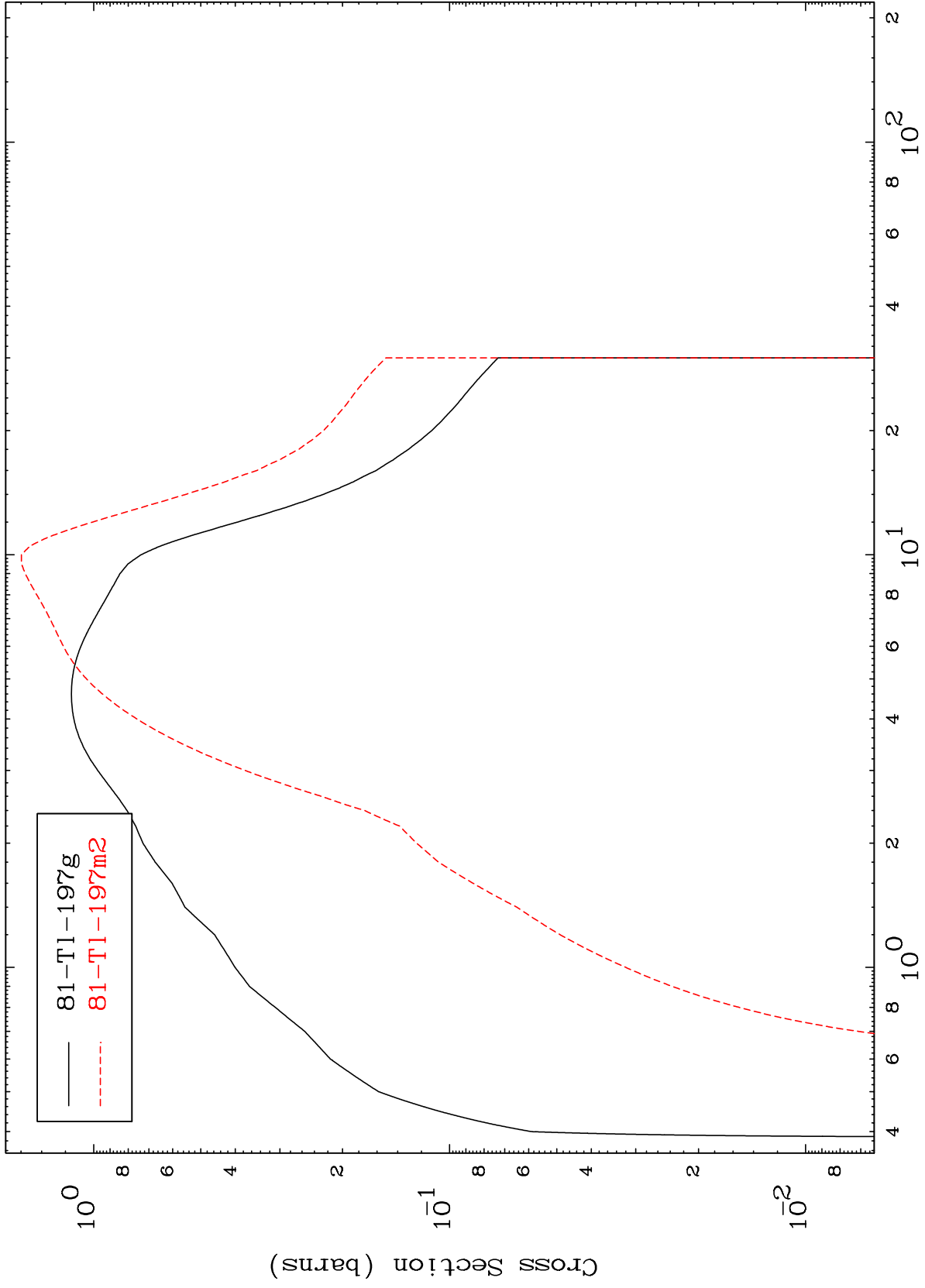
81-T1-197



MAT 8107

81-Tl-197

Inelastic
Radionuclide Production Cross Section



126

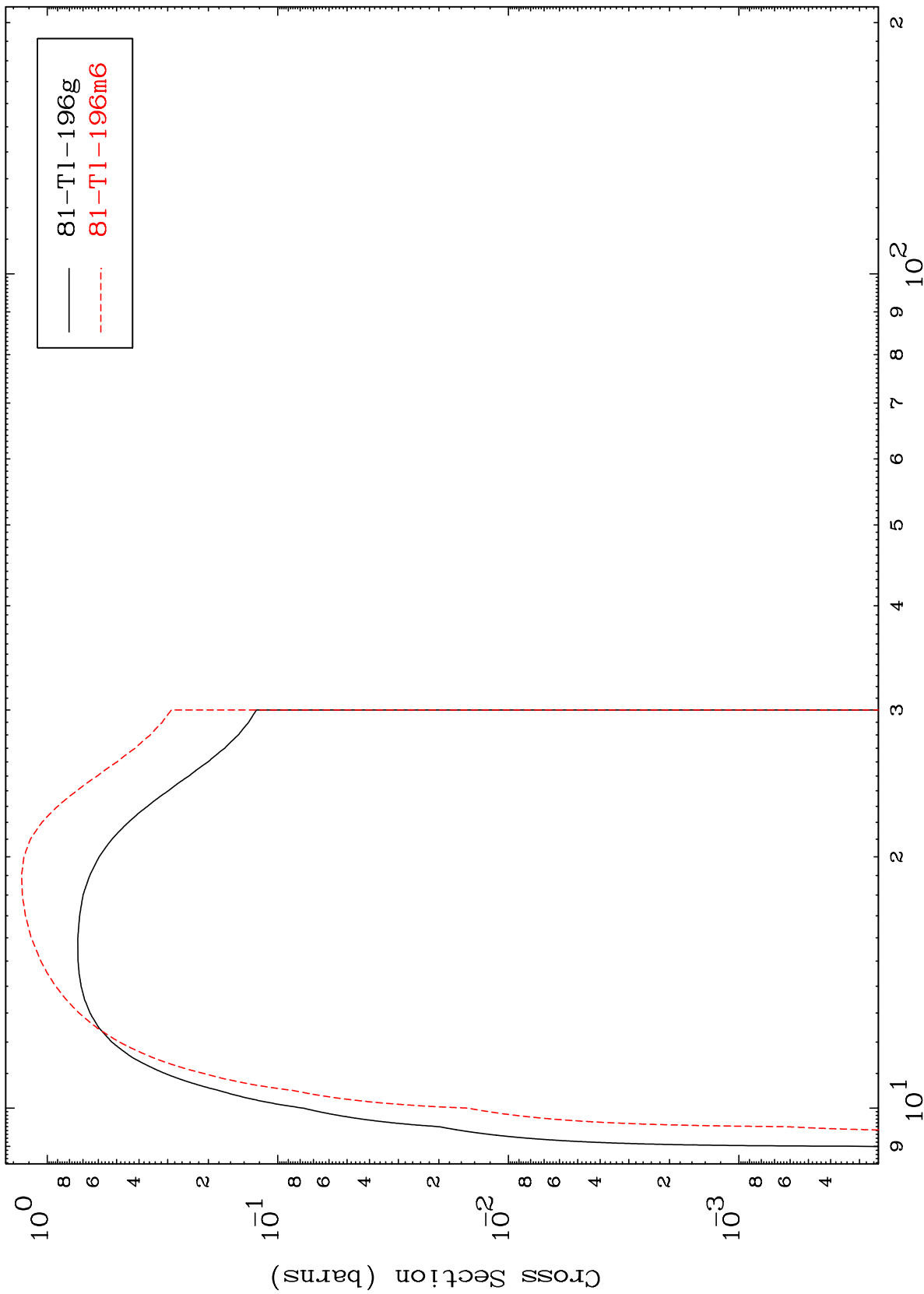
81-Tl-197

Incident Energy (MeV)

MAT 8107

81-Tl-197

(n,2n)
Radionuclide Production Cross Section

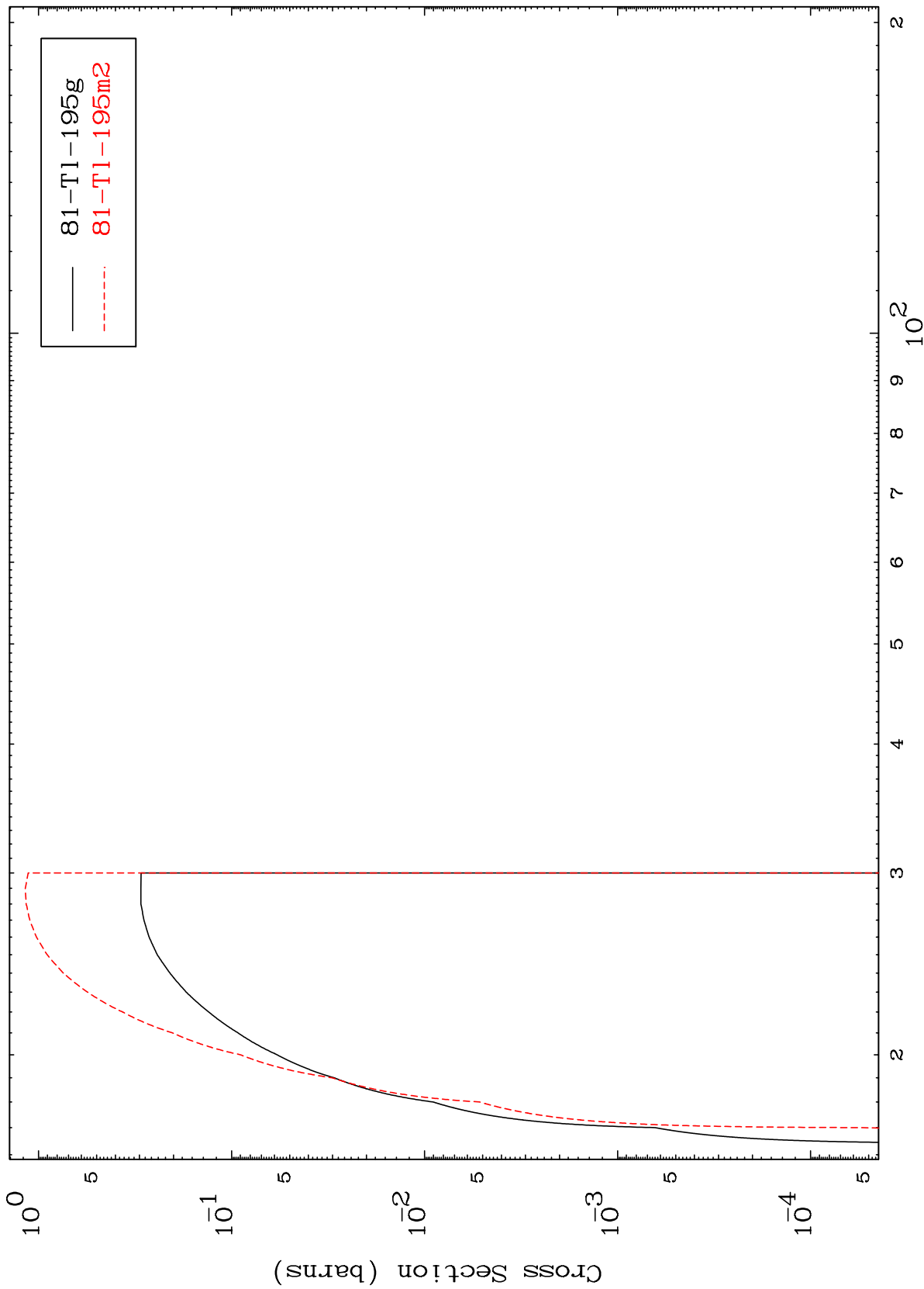


81-Tl-197

Incident Energy (MeV)

127

(n,3n)
Radionuclide Production Cross Section

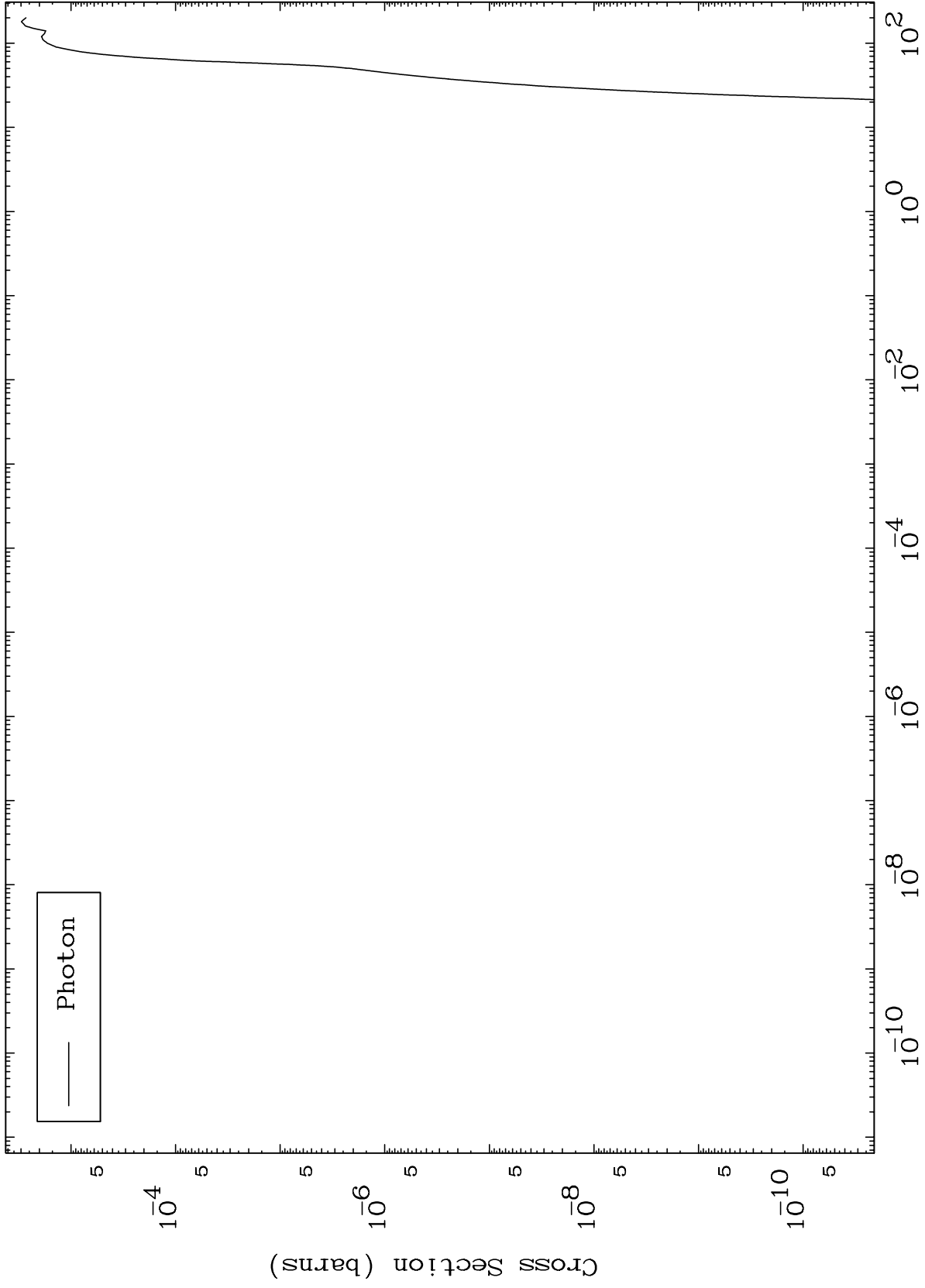


81-Tl-195g
81-Tl-195m2

MAT 8107

Fission
Radionuclide Production Cross Section

81-Tl-197



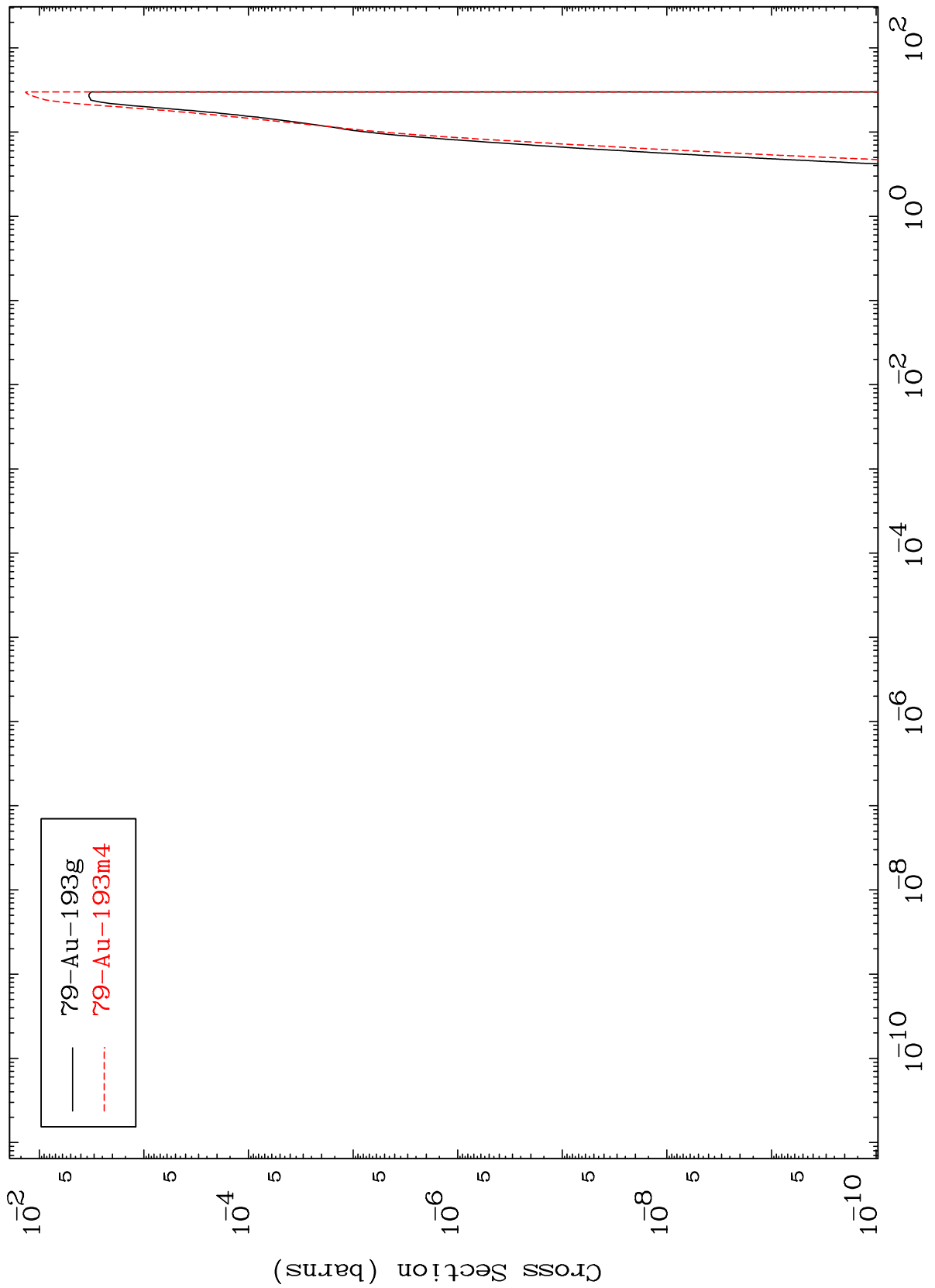
81-Tl-197

MAT 8107

$(n, n') \alpha$

81-Tl-197

Radionuclide Production Cross Section



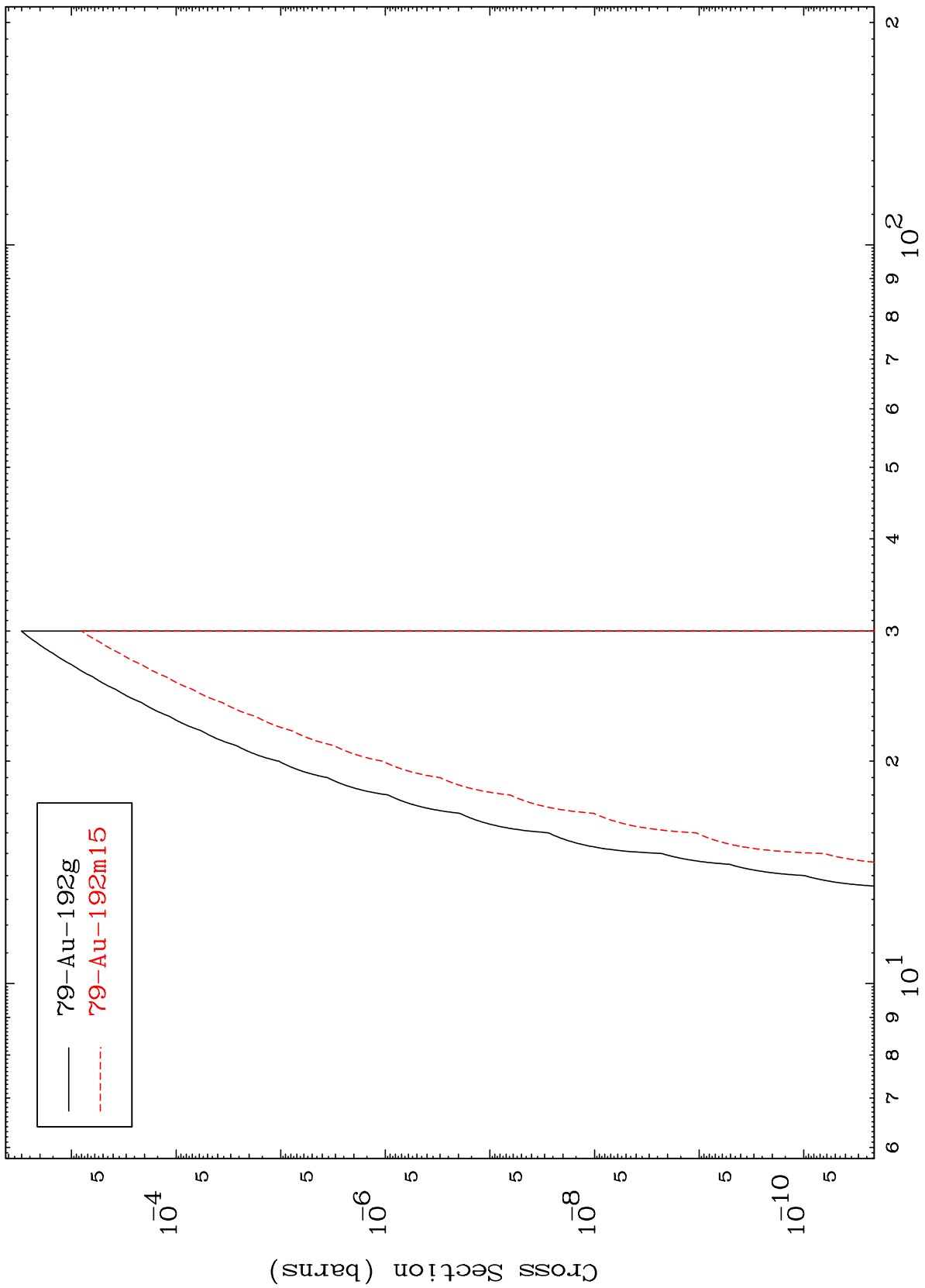
— ^{193}gAu
- - - $^{193}\text{m4Au}$

MAT 8107

(n,2n) α

81-Tl-197

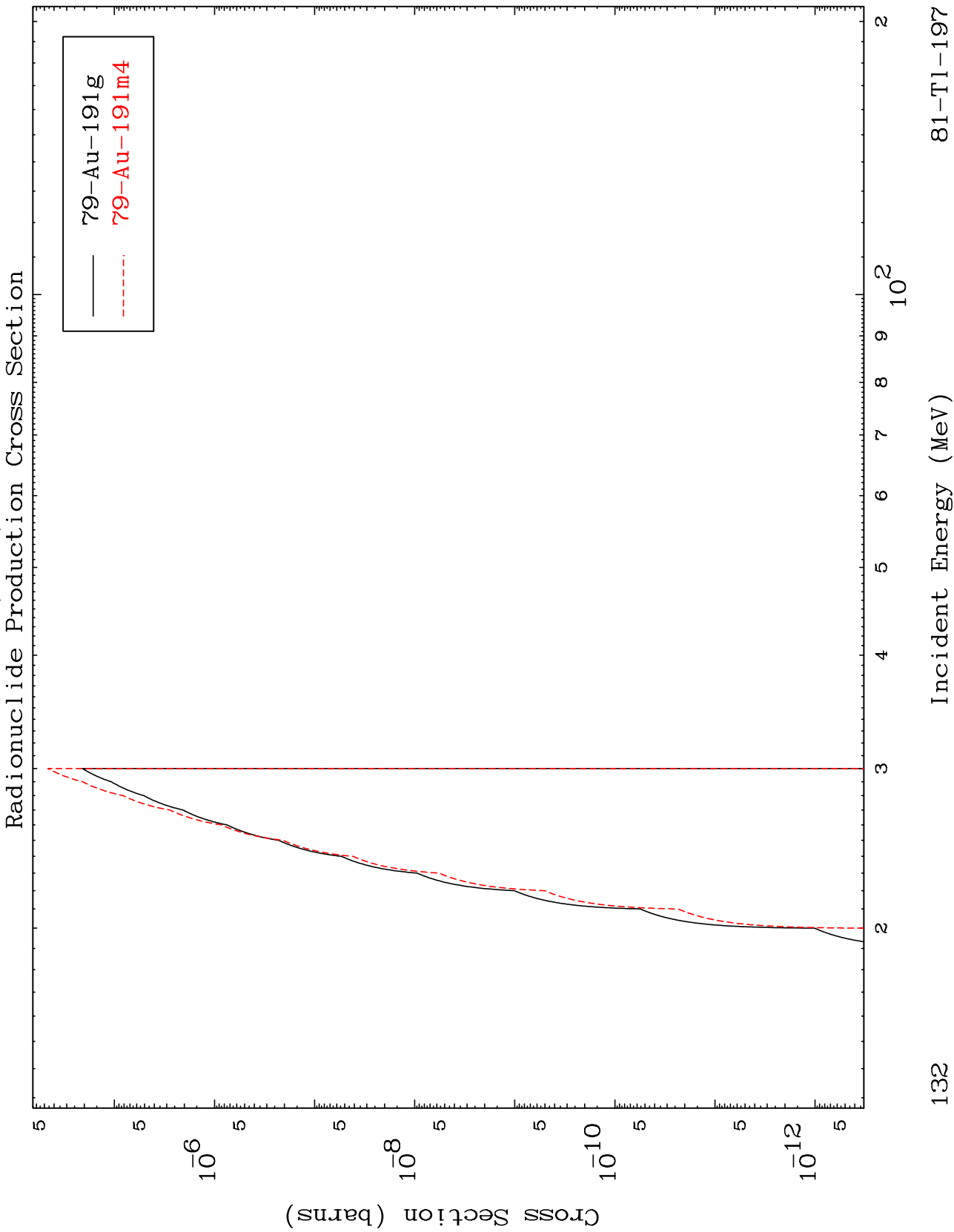
Radionuclide Production Cross Section



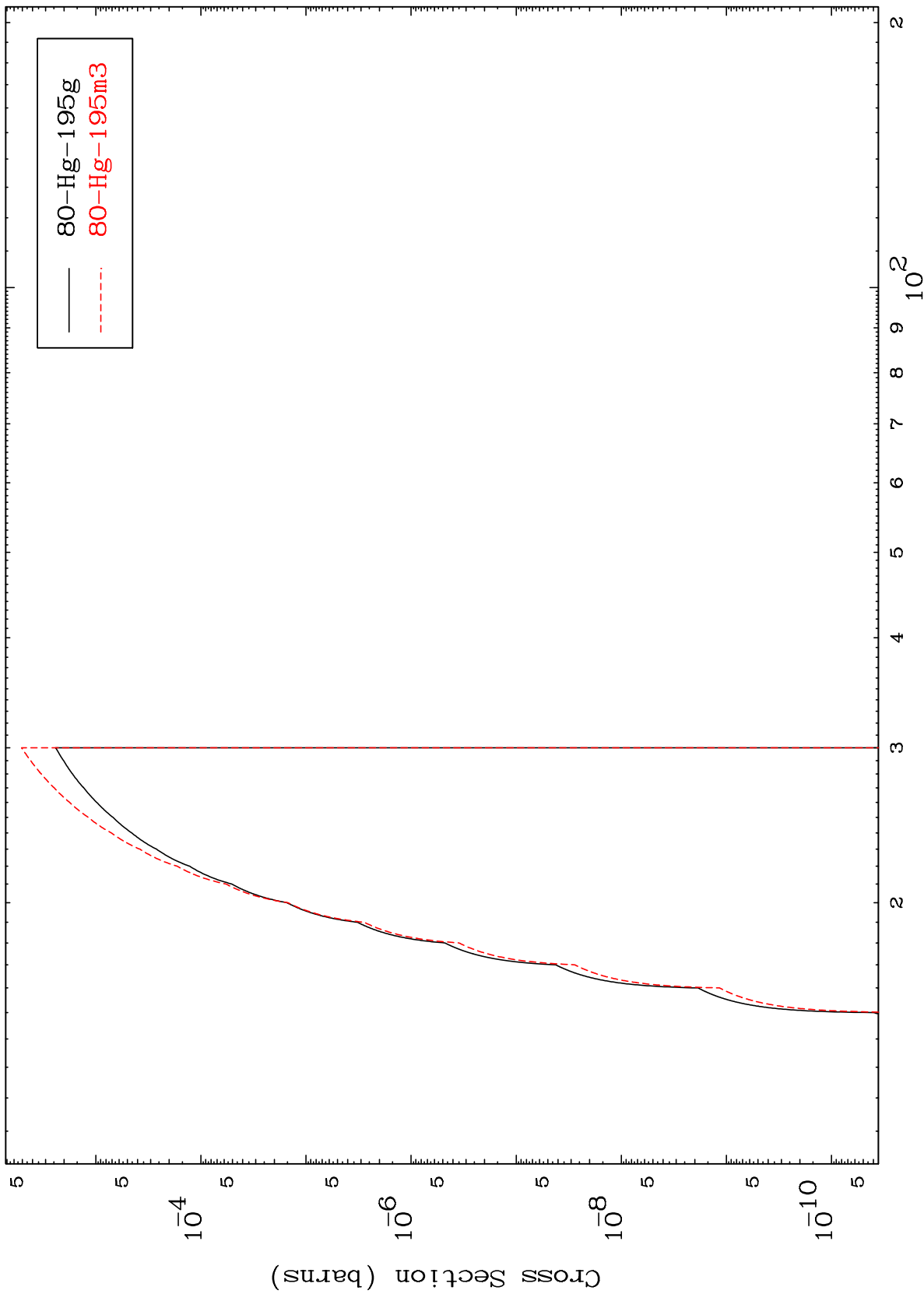
131

Incident Energy (MeV)

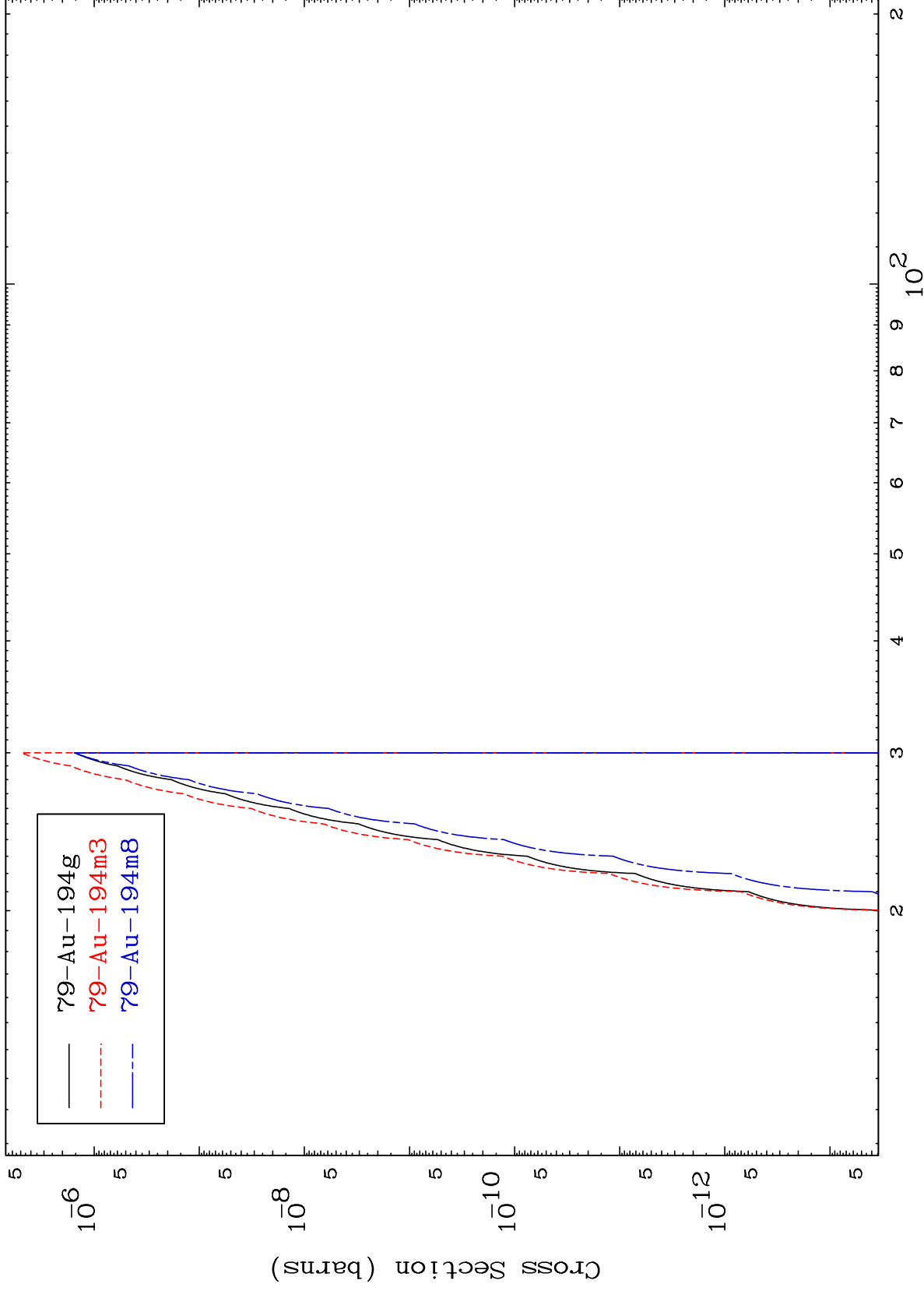
81-Tl-197



Radionuclide Production Cross Section



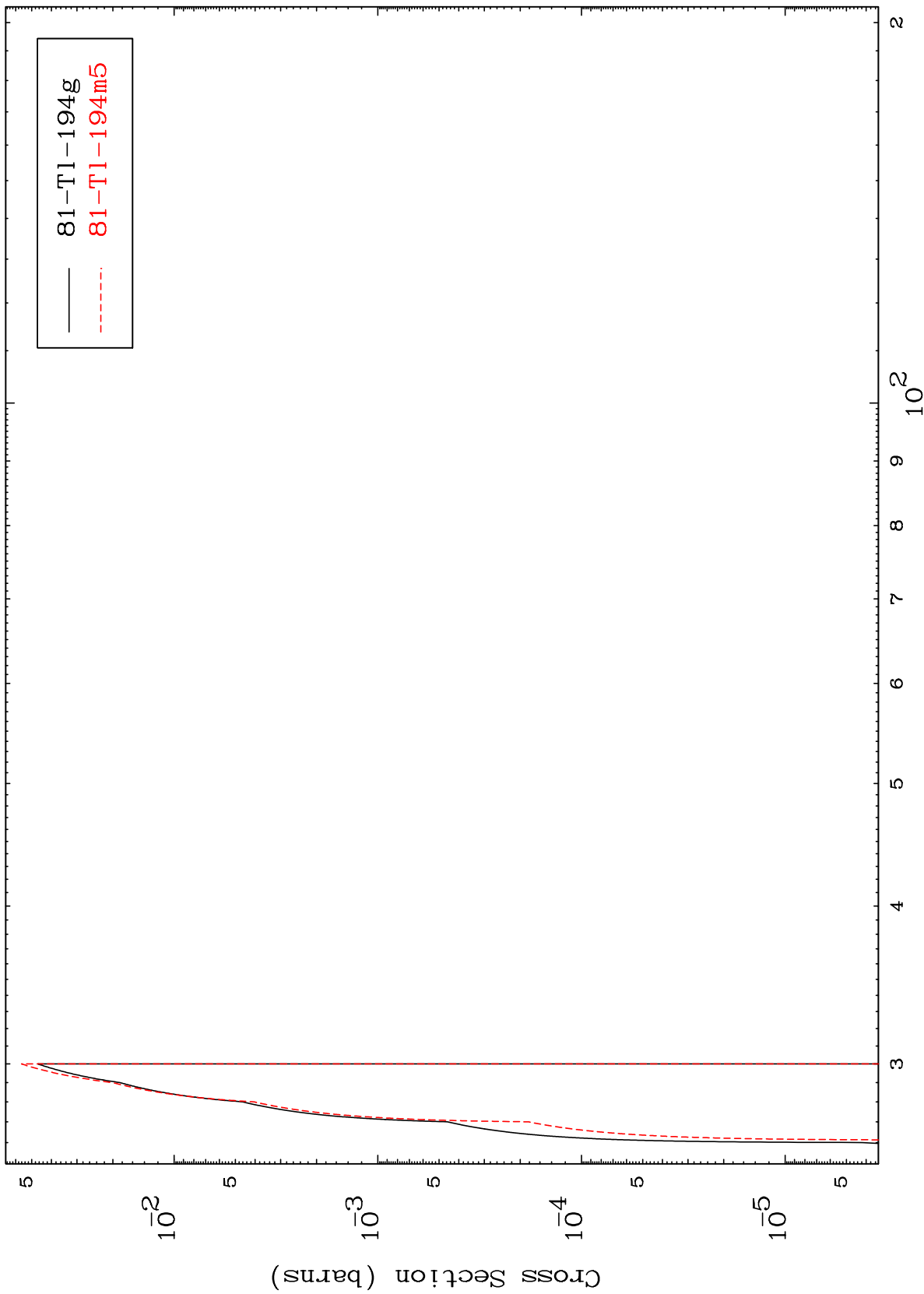
Radionuclide Production Cross Section



MAT 8107

81-Tl-197

(n,4n)
Radionuclide Production Cross Section

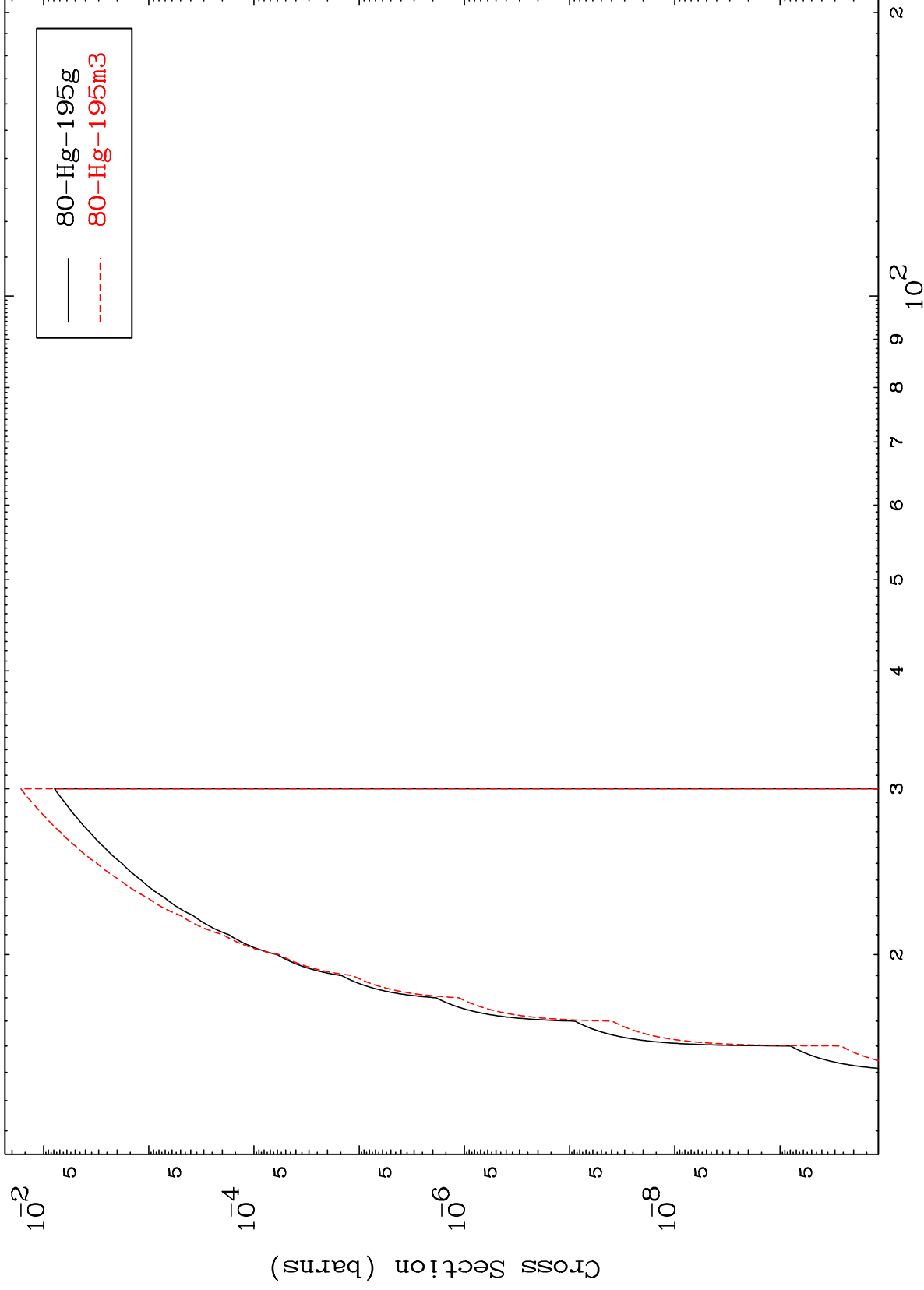


135

81-Tl-197

Incident Energy (MeV)

Radionuclide Production Cross Section

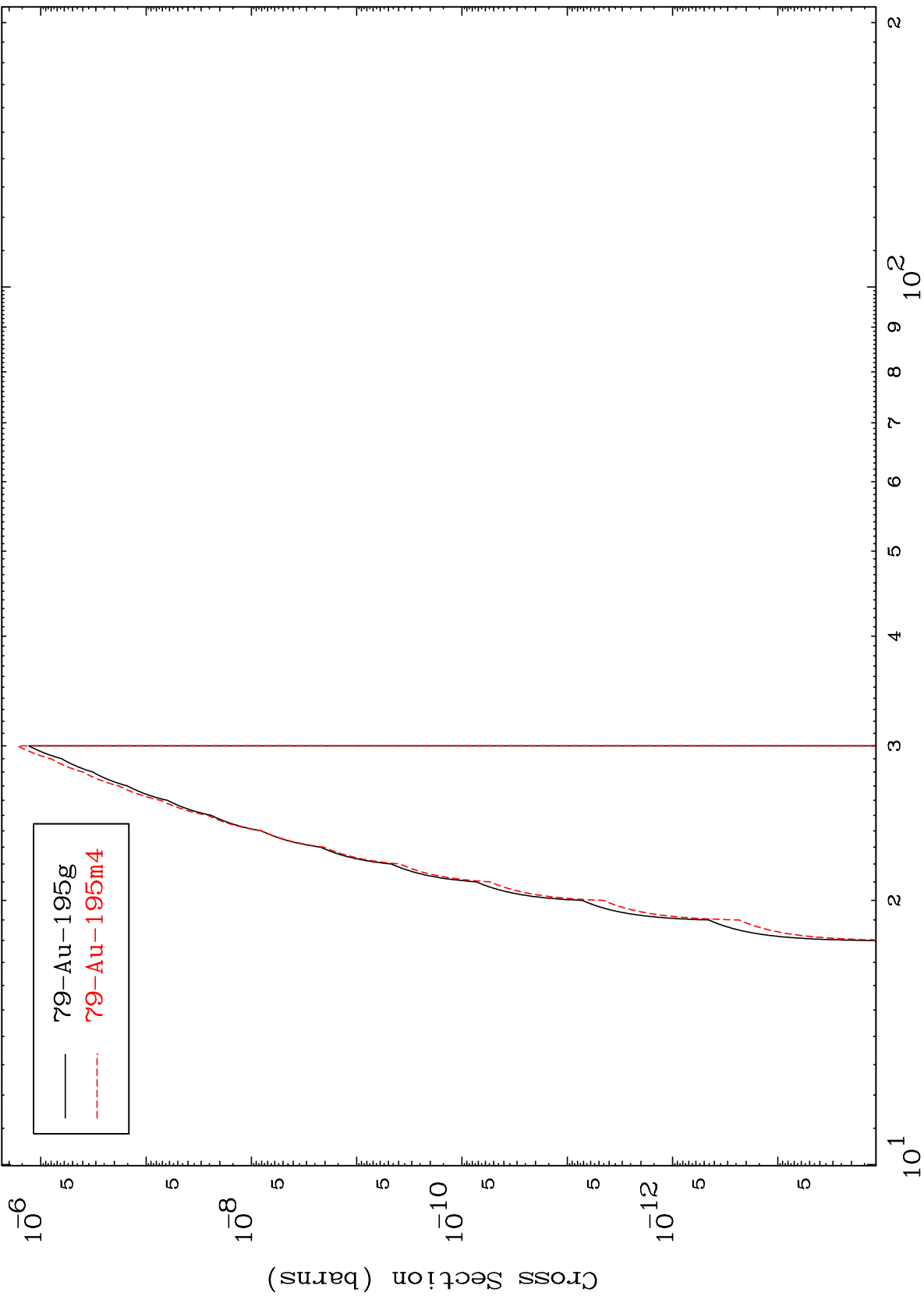


MAT 8107

(n,2n) p

81-Tl-197

Radionuclide Production Cross Section



137

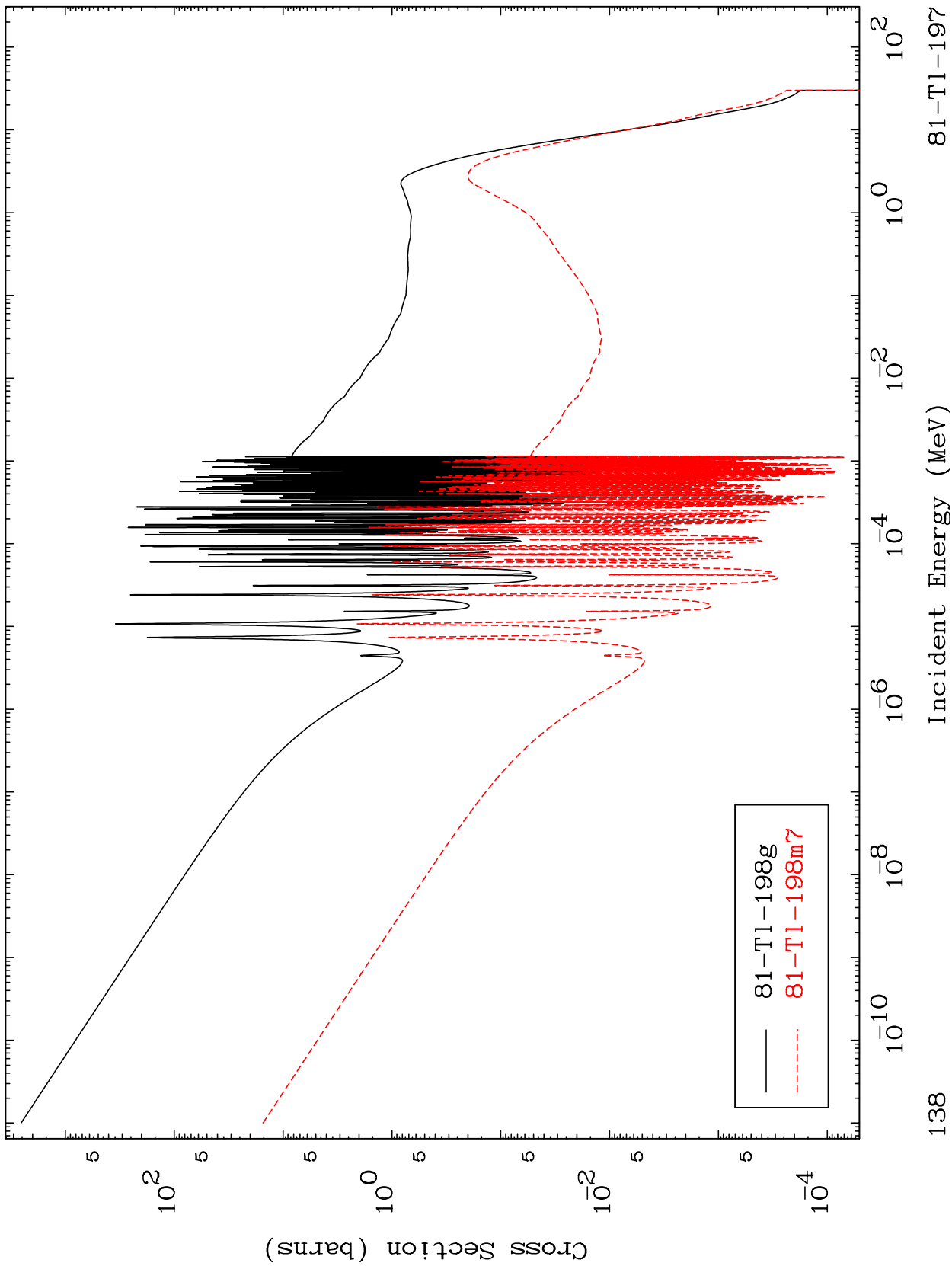
Incident Energy (MeV)

81-Tl-197

MAT 8107

81-Tl-197

(n, γ)
Radionuclide Production Cross Section



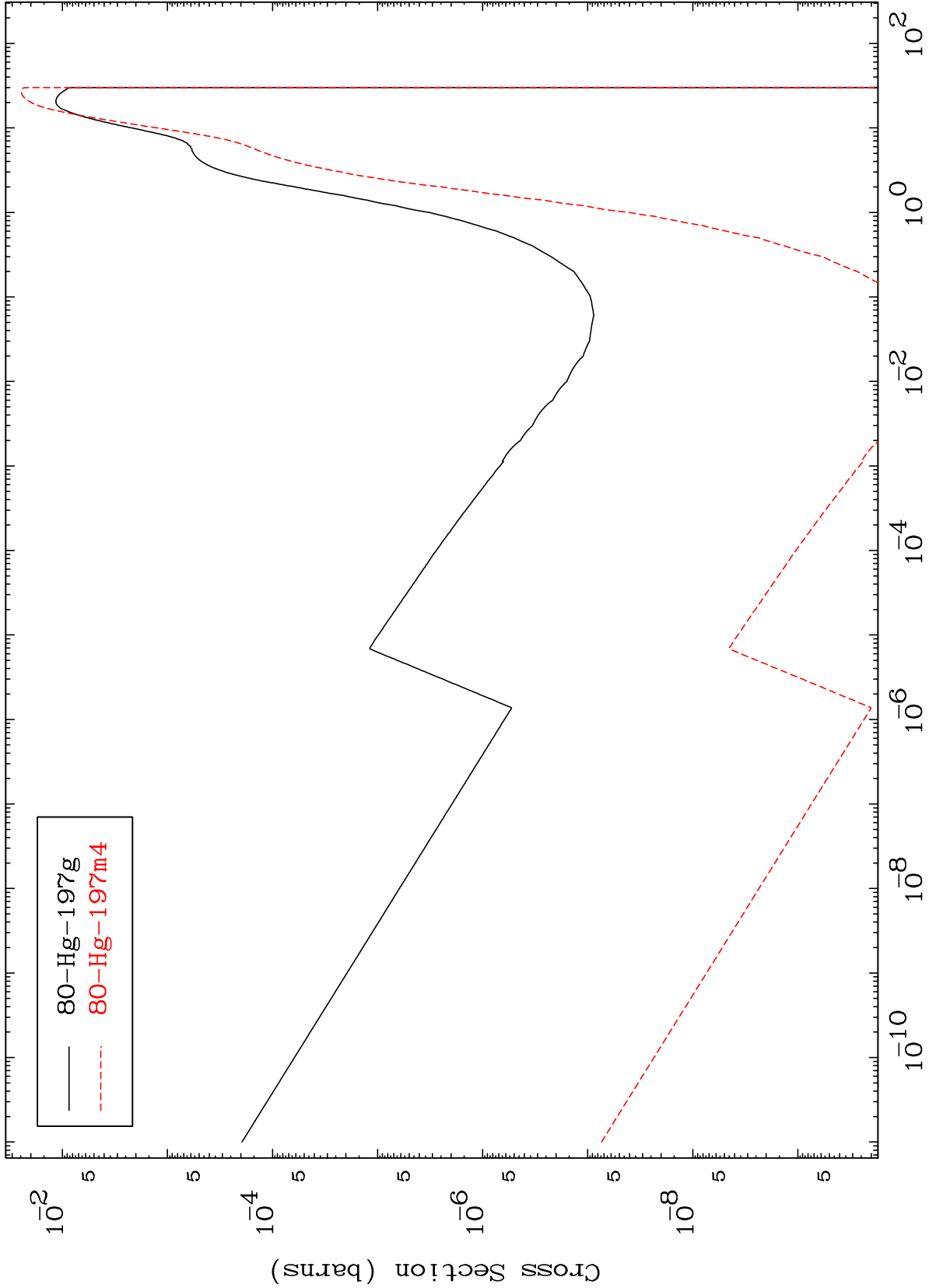
138

81-Tl-197

MAT 8107

81-Tl-197

(n,p)
Radionuclide Production Cross Section



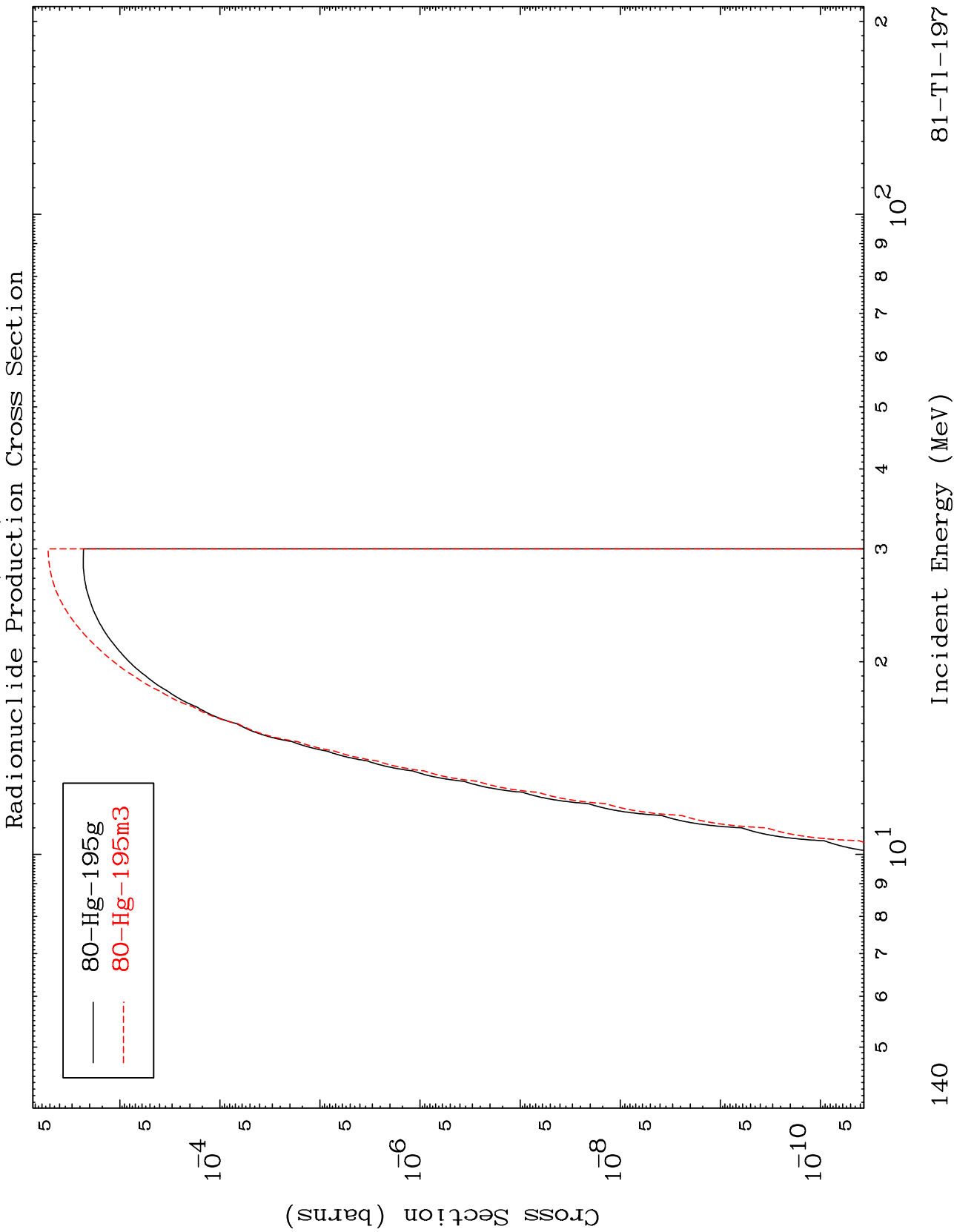
139

81-Tl-197

Incident Energy (MeV)

MAT 8107

81-T1-197



81-T1-197

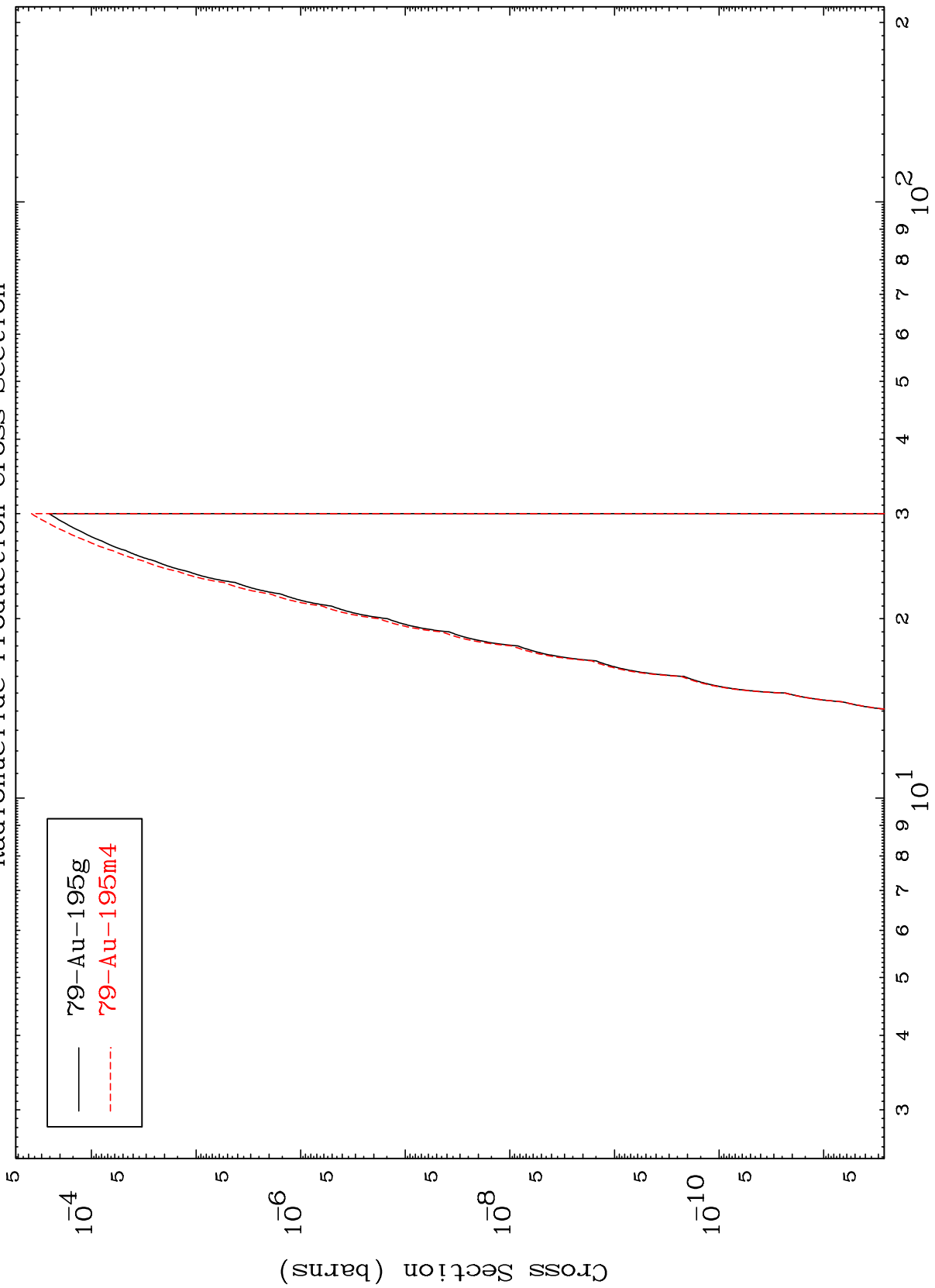
Incident Energy (MeV)

140

MAT 8107

81-Tl-197

(n,He-3)
Radionuclide Production Cross Section



141

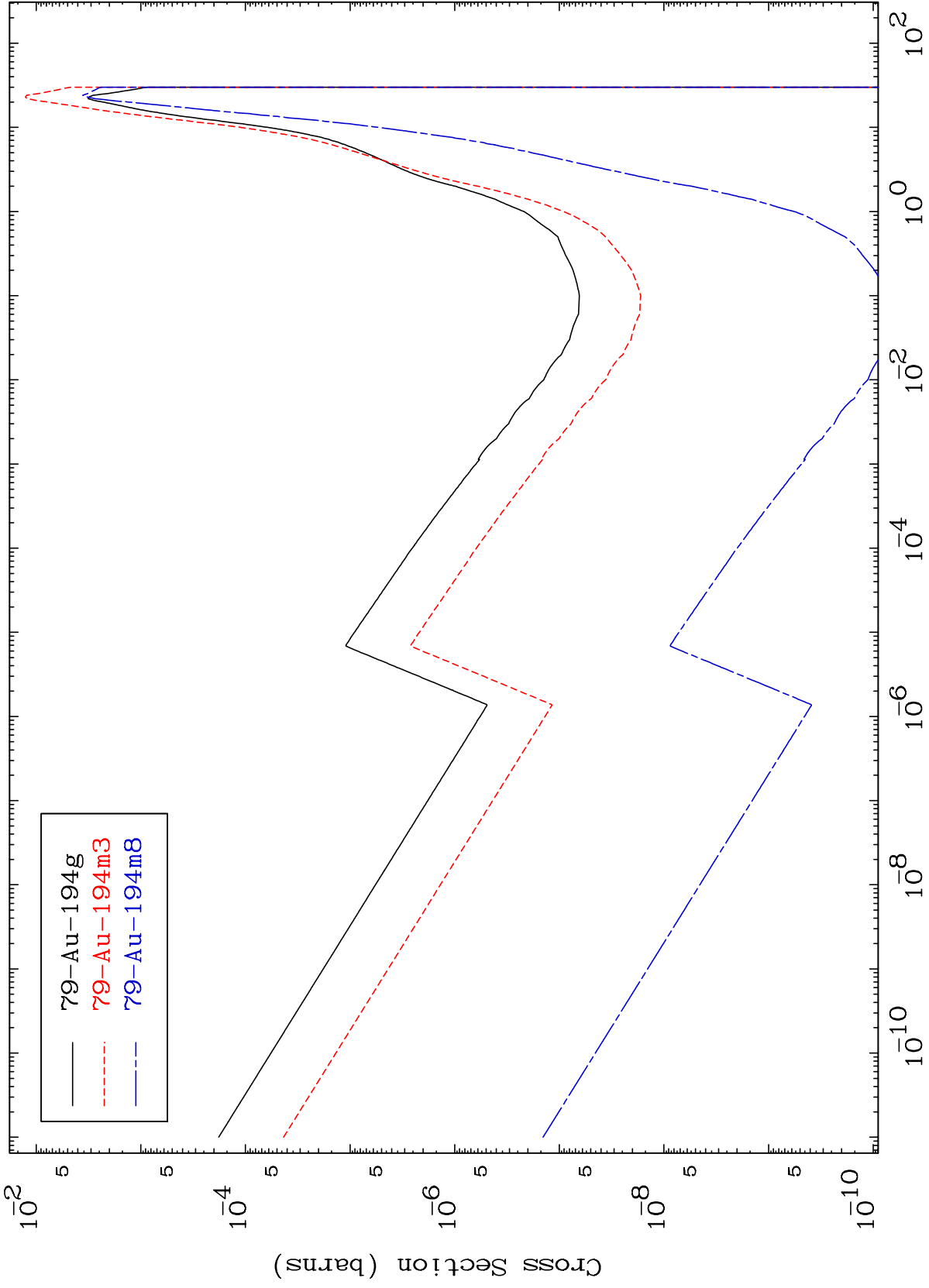
81-Tl-197

Incident Energy (MeV)

MAT 8107

81-Tl-197

Radionuclide Production Cross Section
(n, α)



81-Tl-197

Incident Energy (MeV)

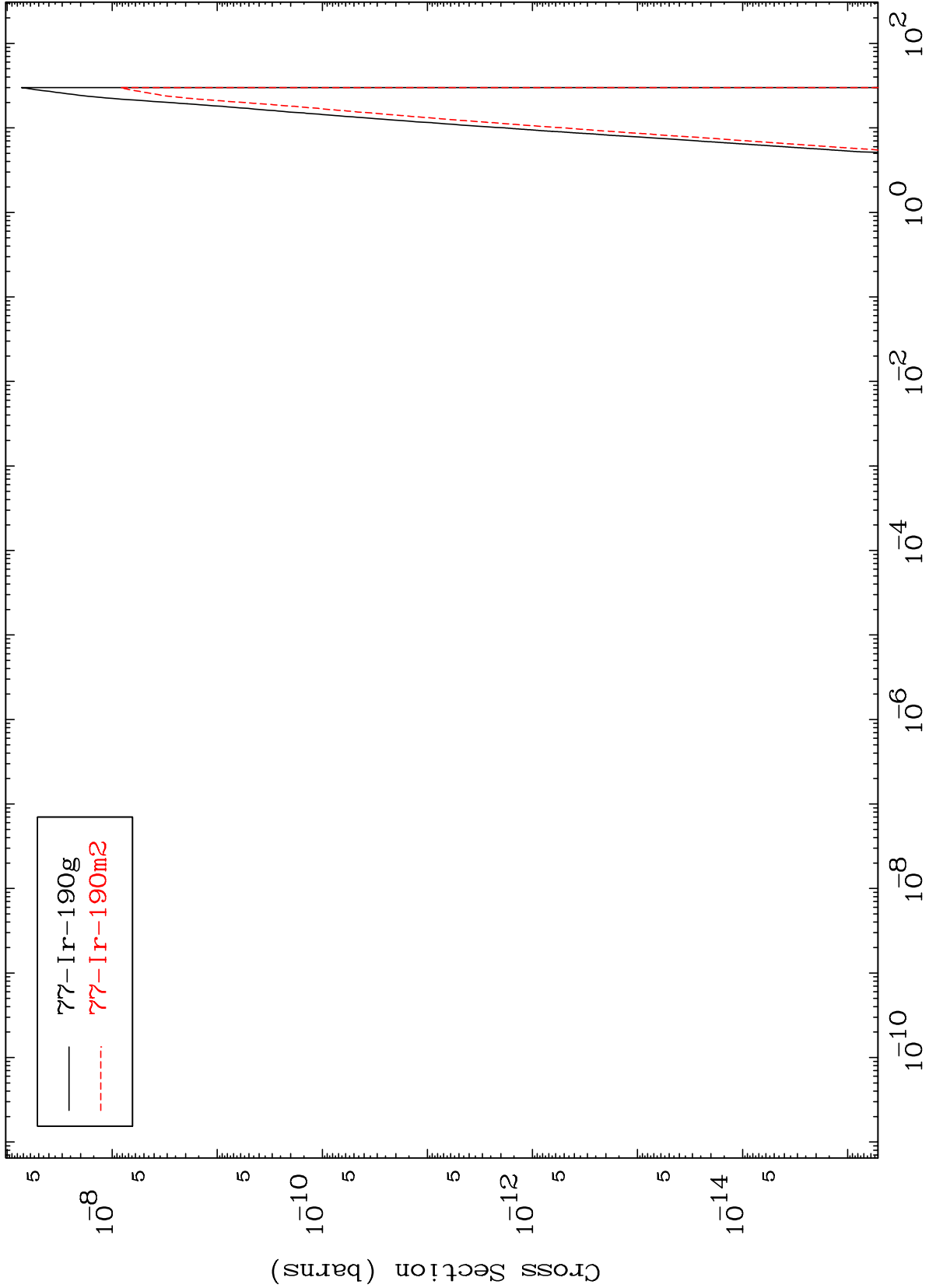
142

MAT 8107

(n,2α)

81-Tl-197

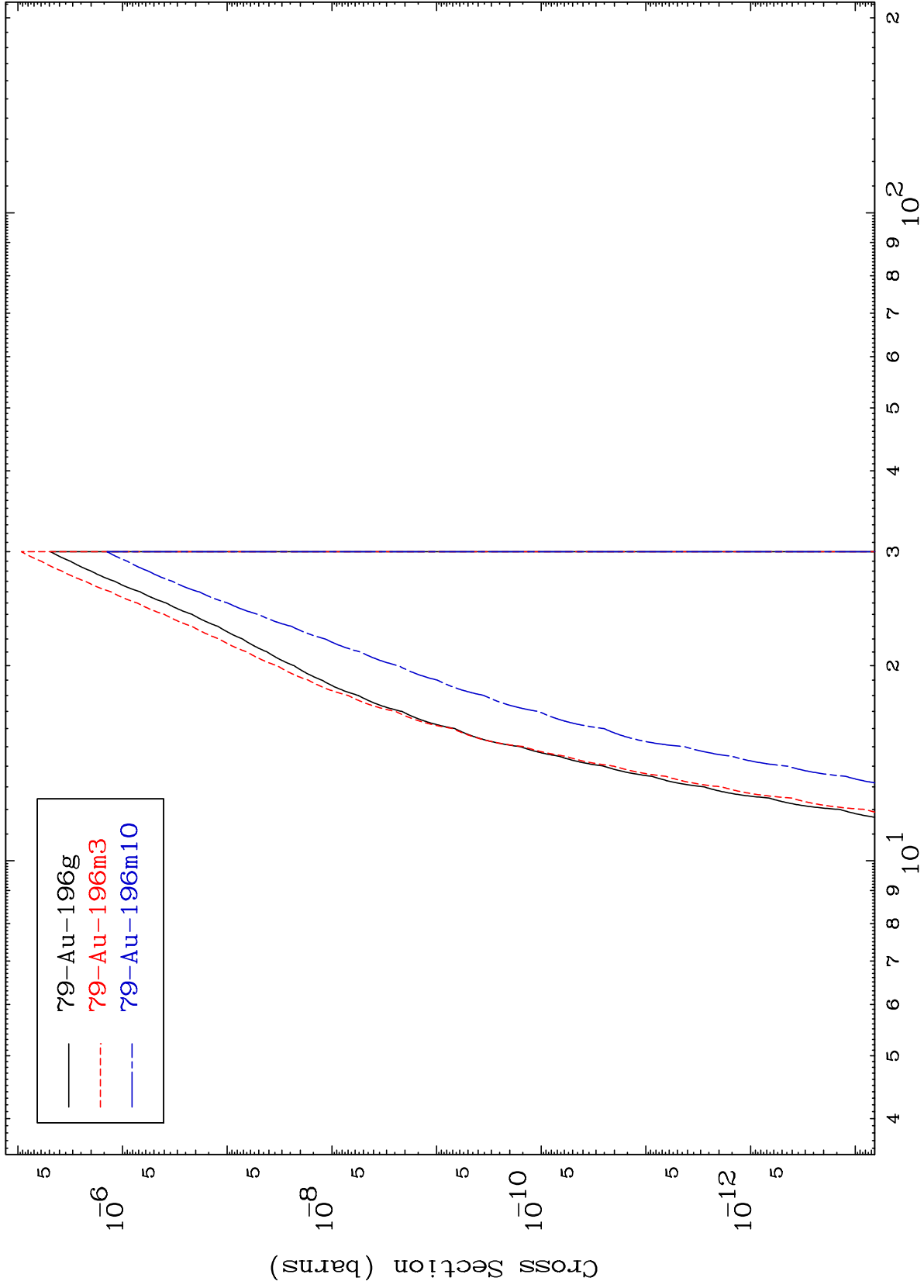
Radionuclide Production Cross Section



MAT 8107

81-Tl-197

Radionuclide Production Cross Section
(n,2p)



144

Incident Energy (MeV)

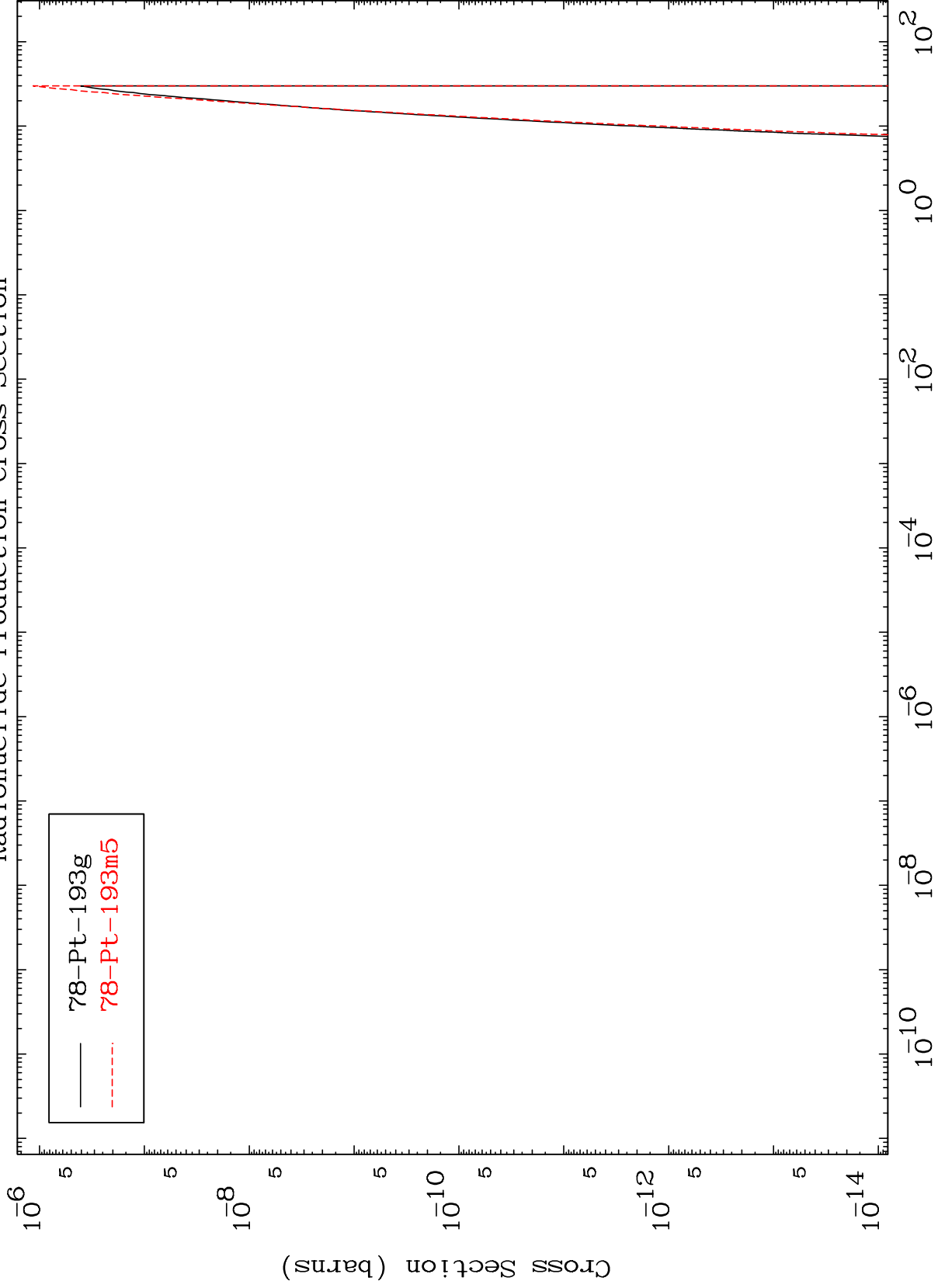
81-Tl-197

MAT 8107

(n,p) α

81-Tl-197

Radionuclide Production Cross Section



78-Pt-193g
78-Pt-193m5

Incident Energy (MeV)

81-Tl-197

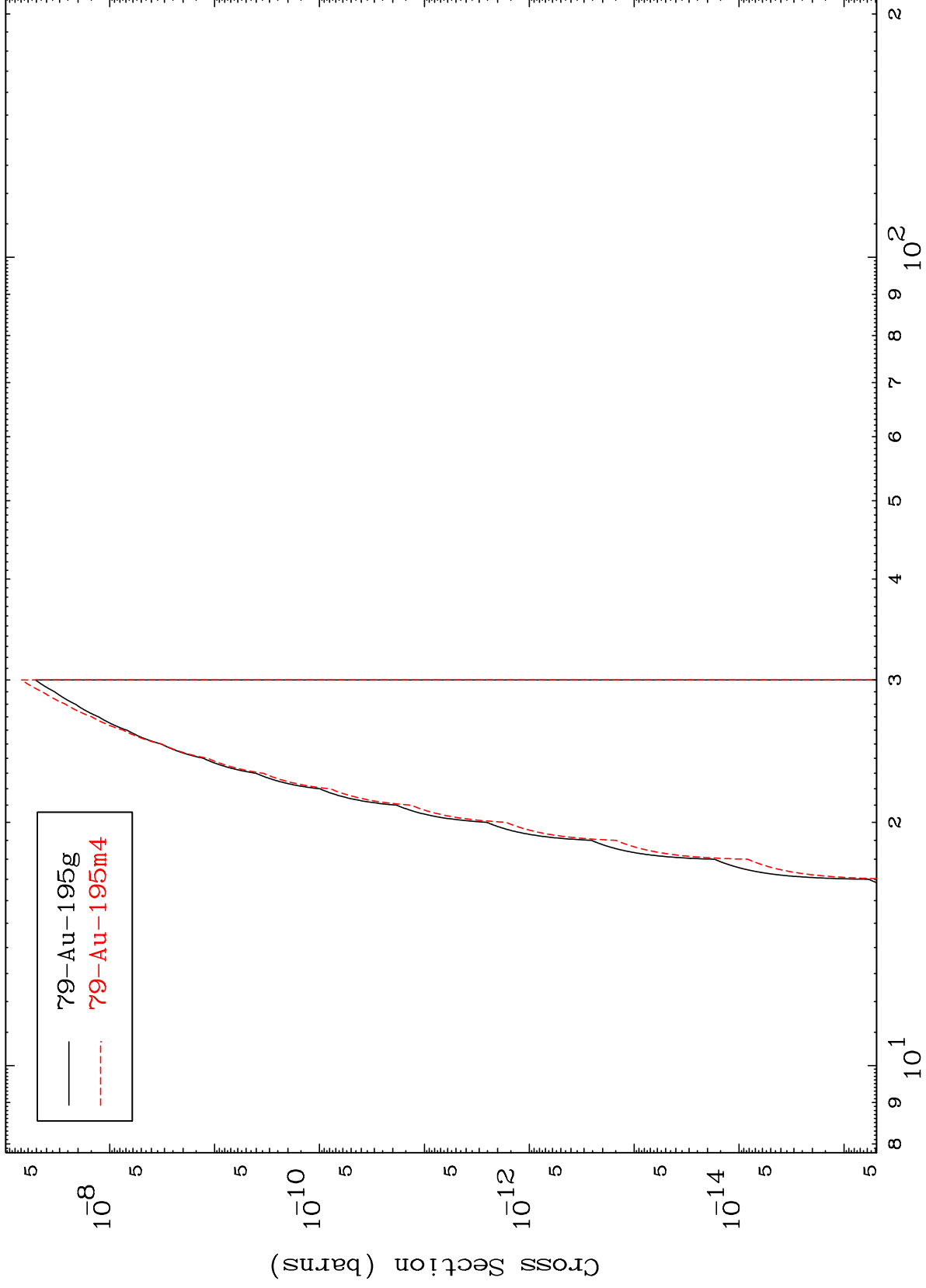
145

MAT 8107

(n,p) d

81-Tl-197

Radionuclide Production Cross Section



146

Incident Energy (MeV)

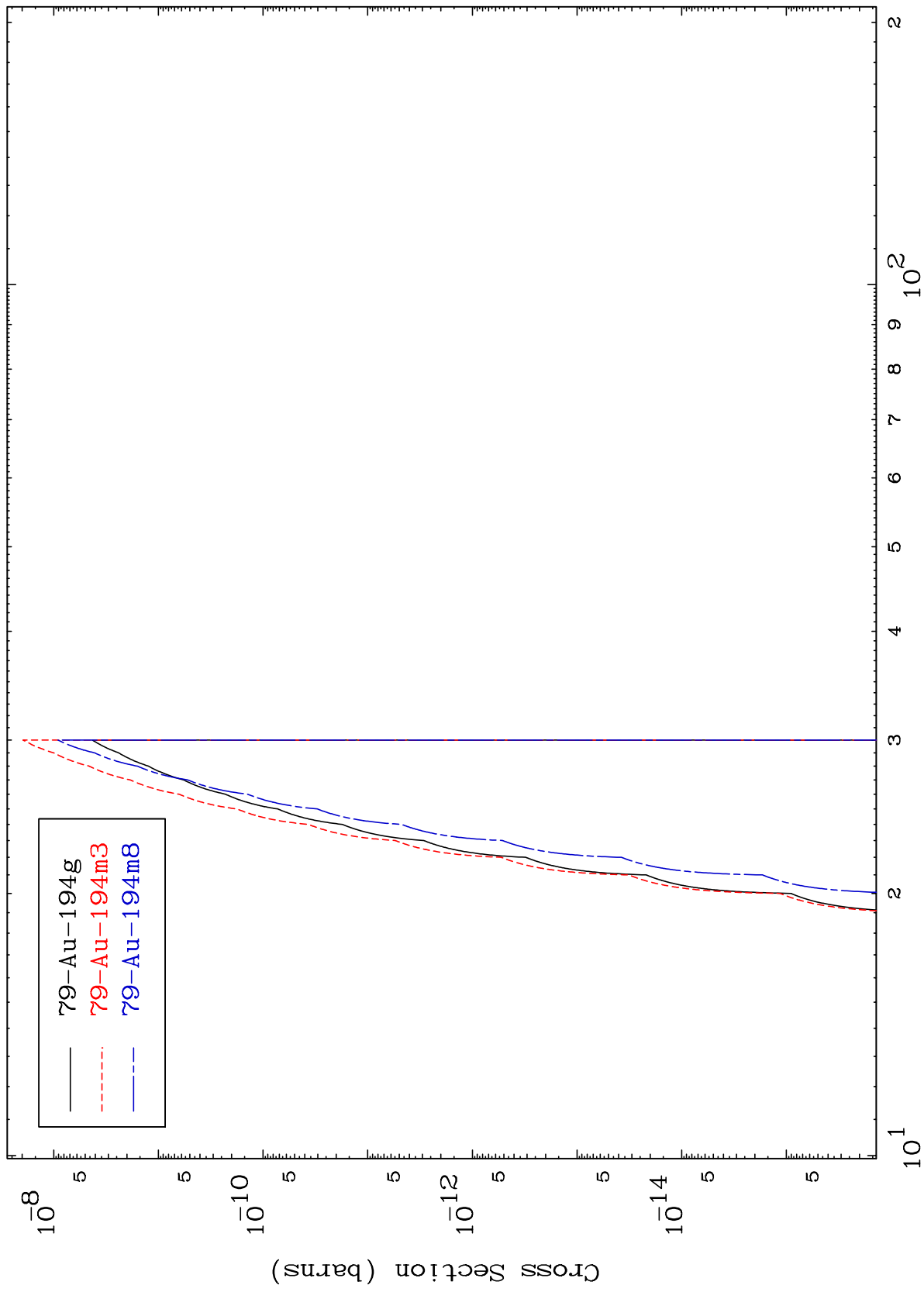
81-Tl-197

MAT 8107

(n,p) t

81-Tl-197

Radionuclide Production Cross Section



147

Incident Energy (MeV)

81-Tl-197