

Program EVALPLOT  
(Version 2015-2)

by

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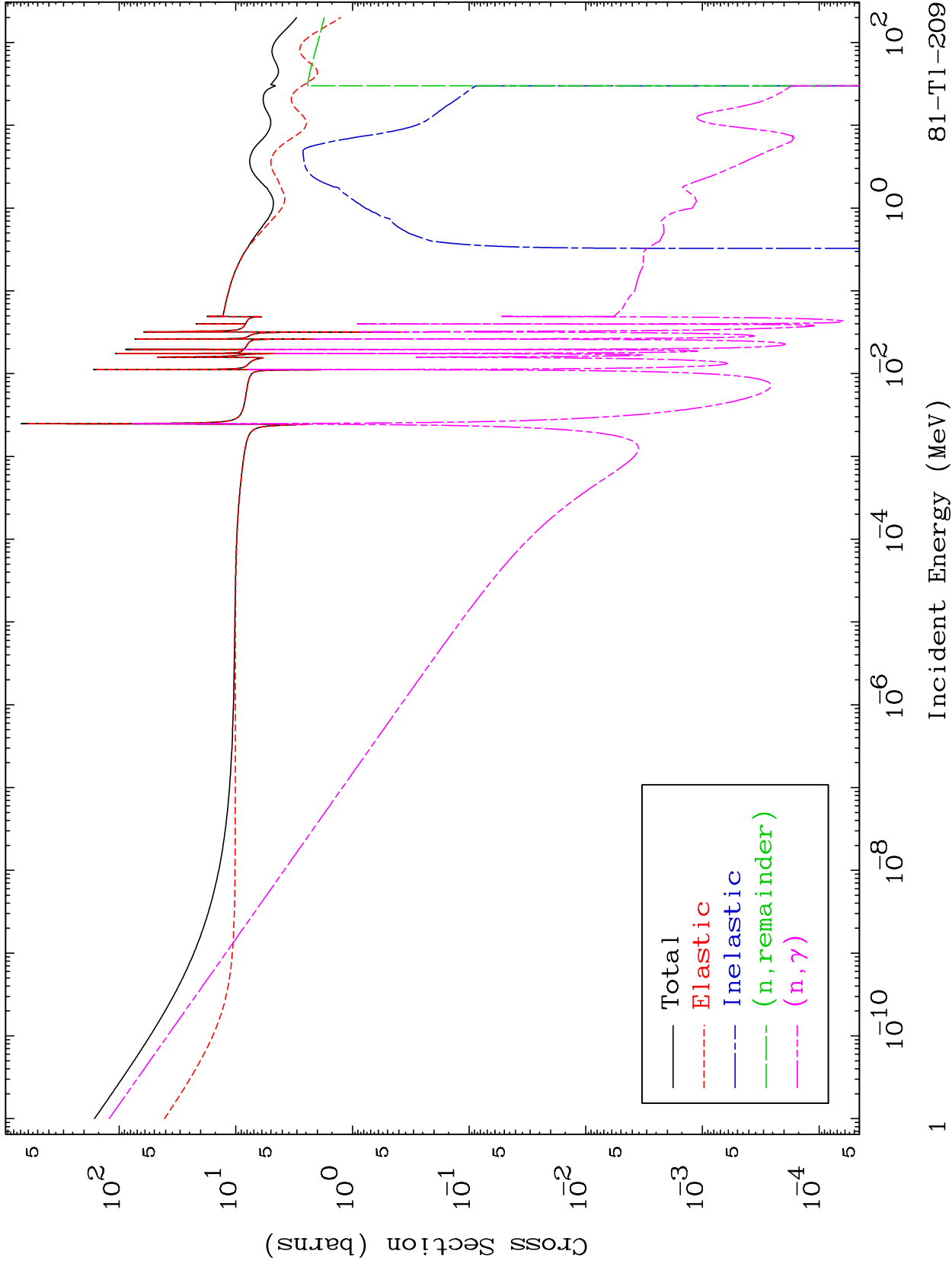
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8143

Major  
293 Kelvin Cross Sections

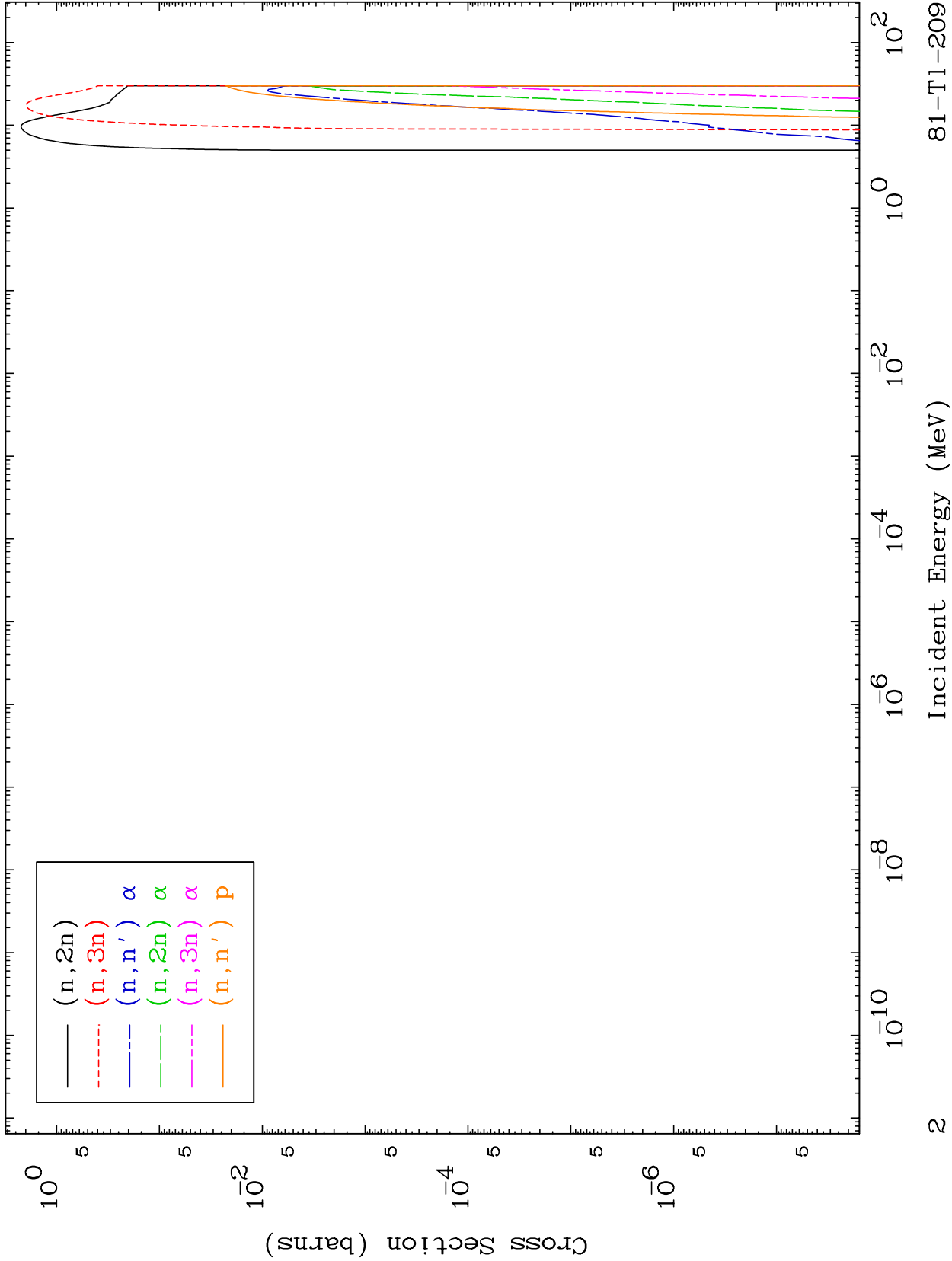
81-Tl-209

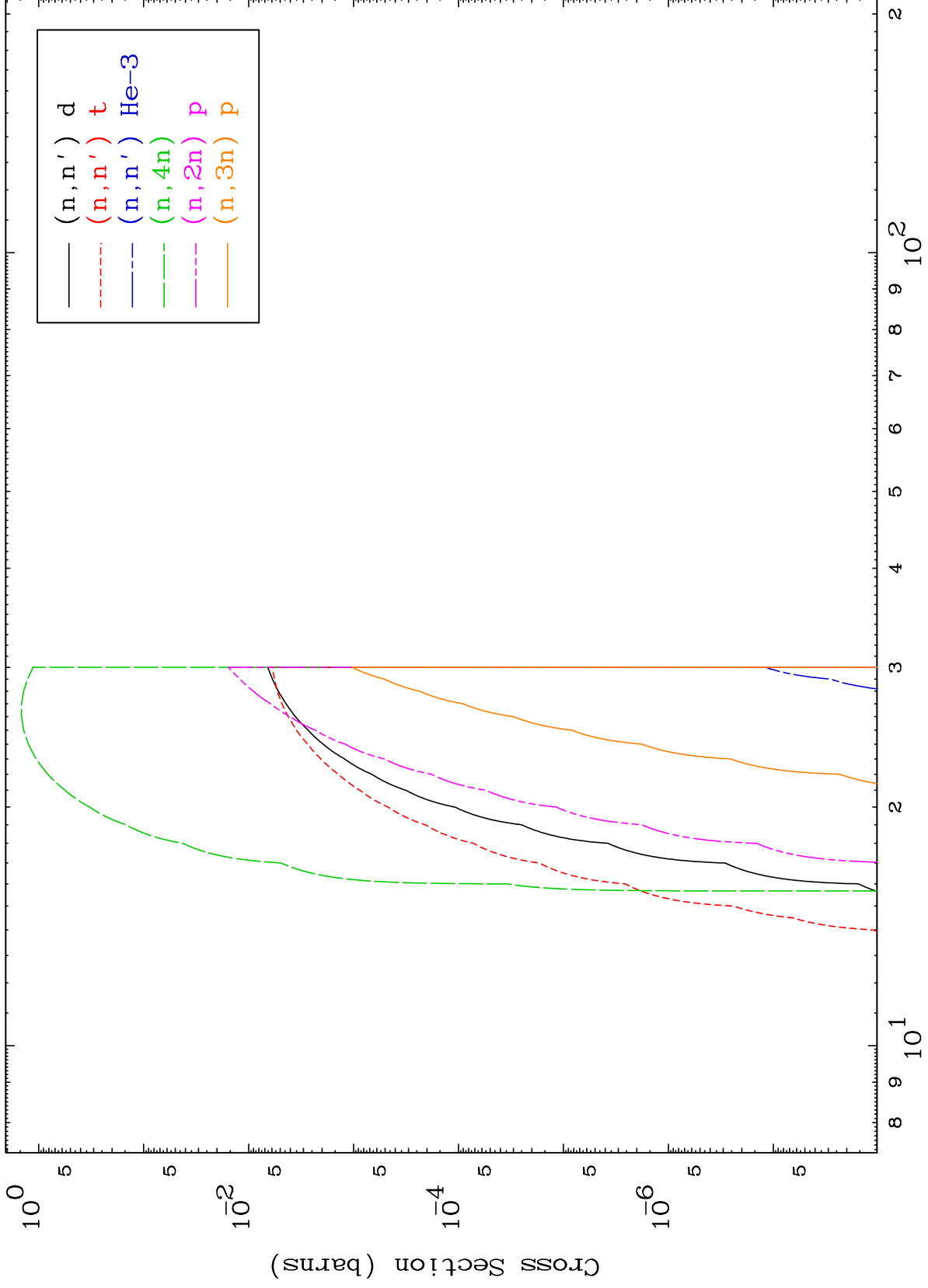


MAT 8143

Neutron Production  
293 Kelvin Cross Sections

81-Tl-209

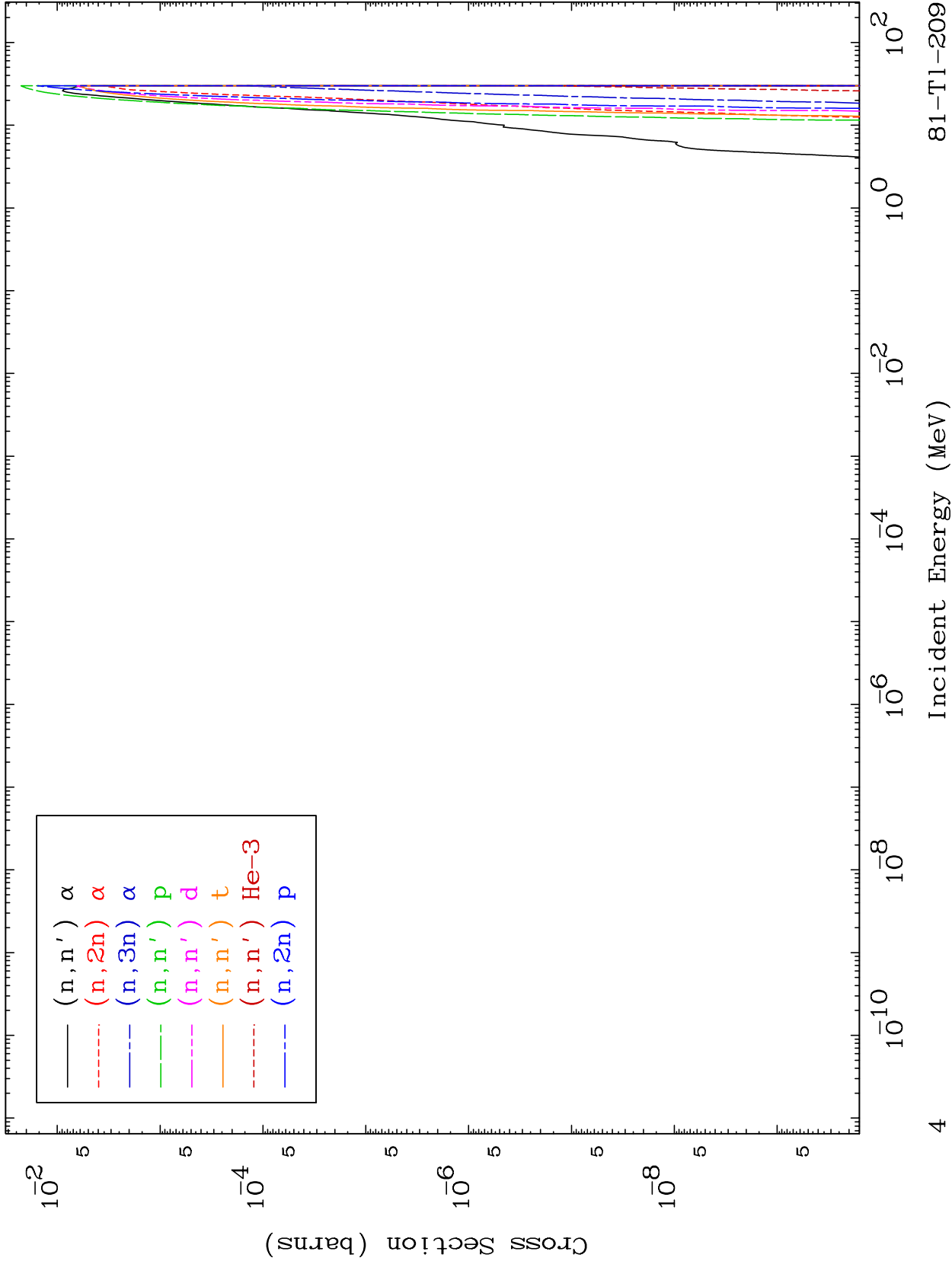




MAT 8143

Charged Particle  
293 Kelvin Cross Sections

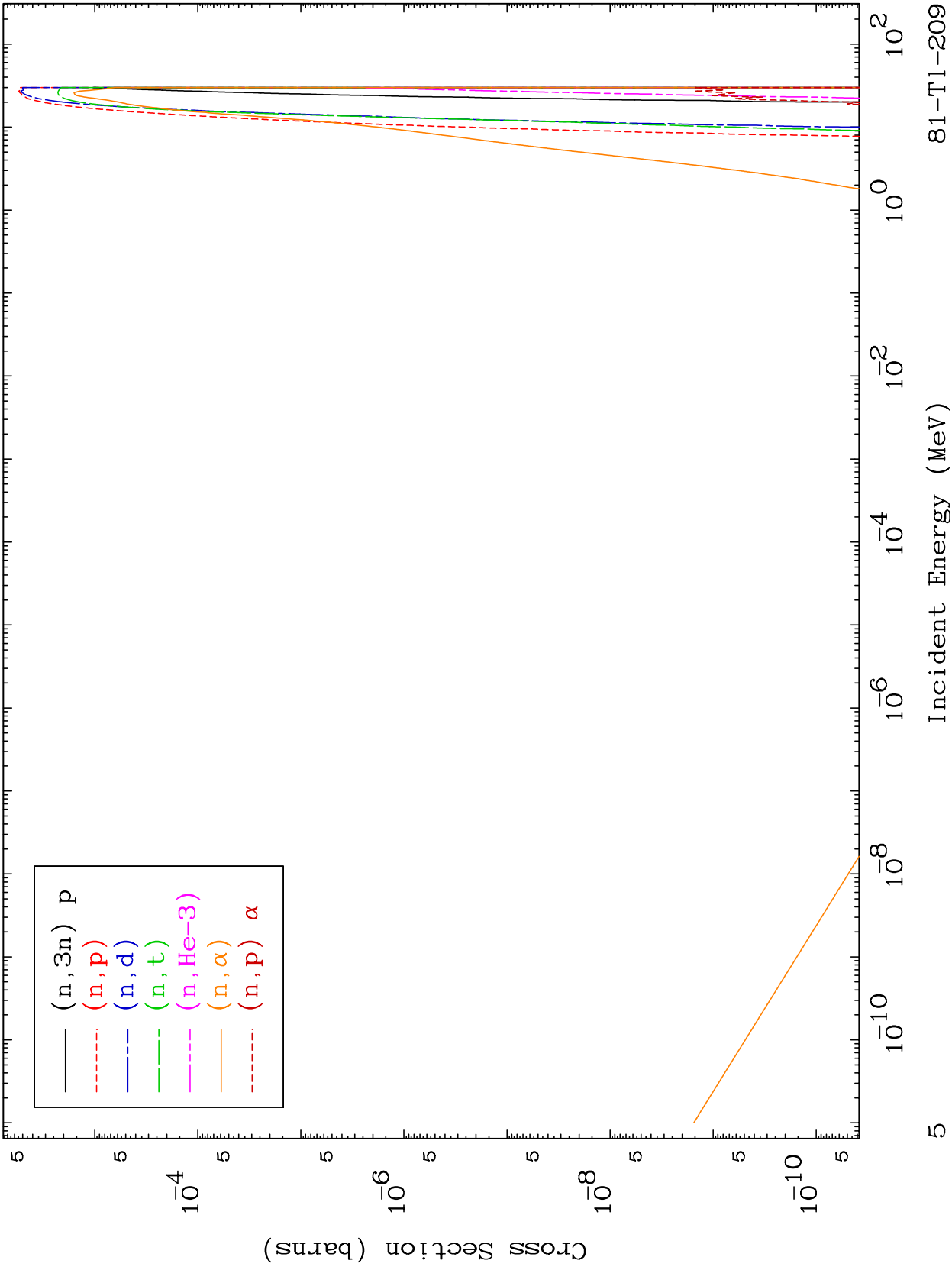
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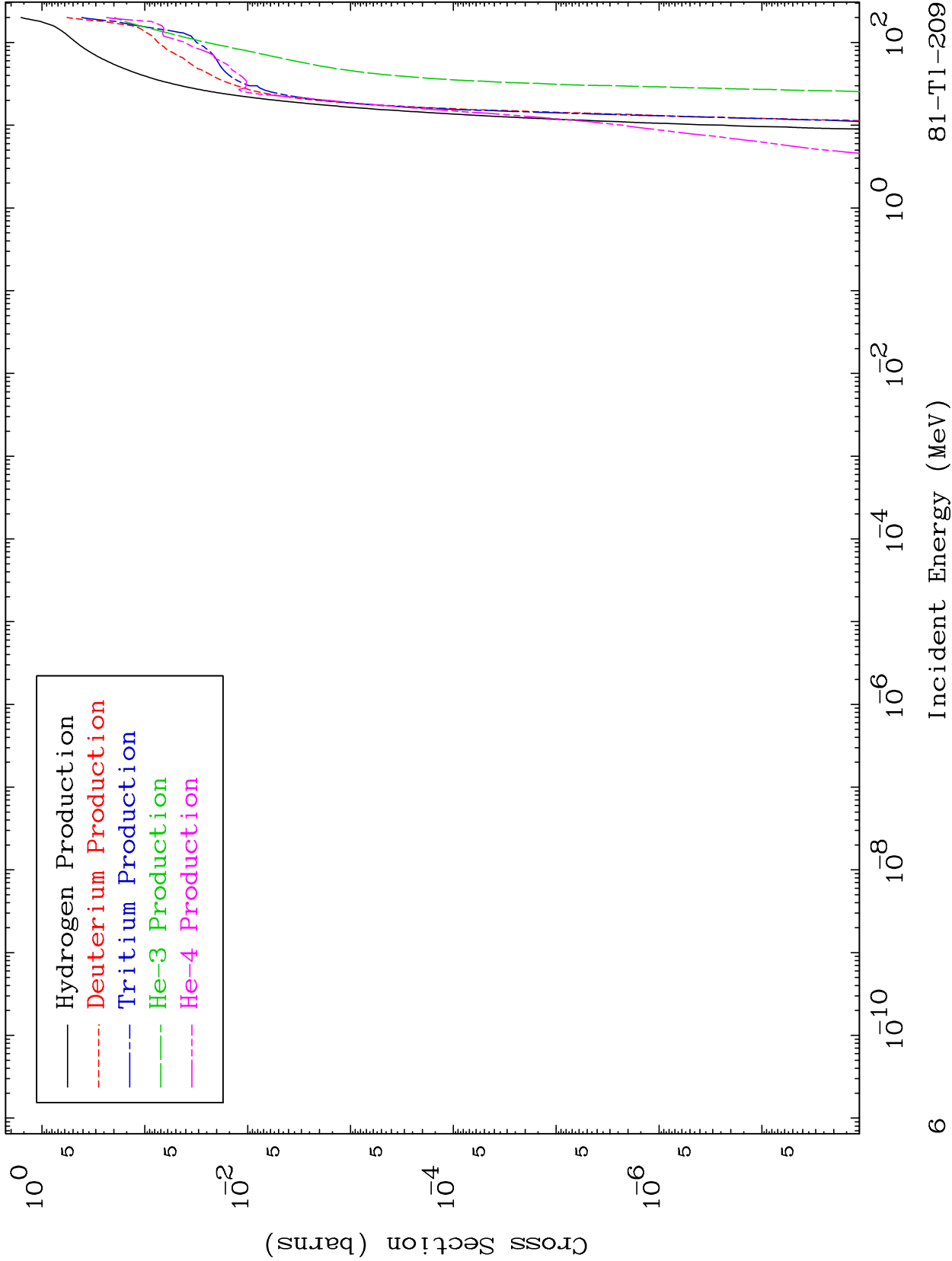


MAT 8143

Charged Particle  
293 Kelvin Cross Sections

81-Tl-209



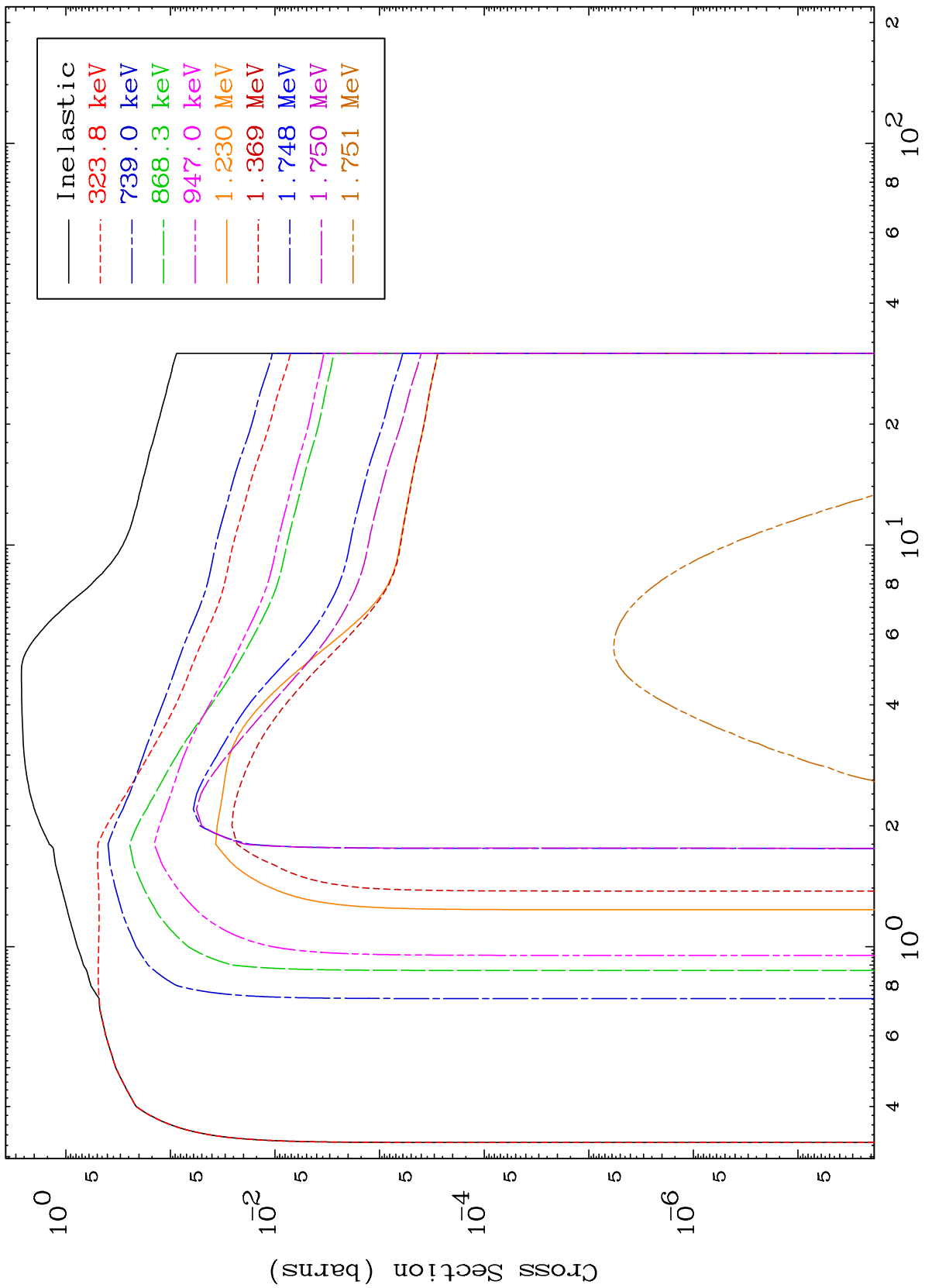


MAT 8143

(n,n') Level

81-Tl-209

293 Kelvin Cross Sections

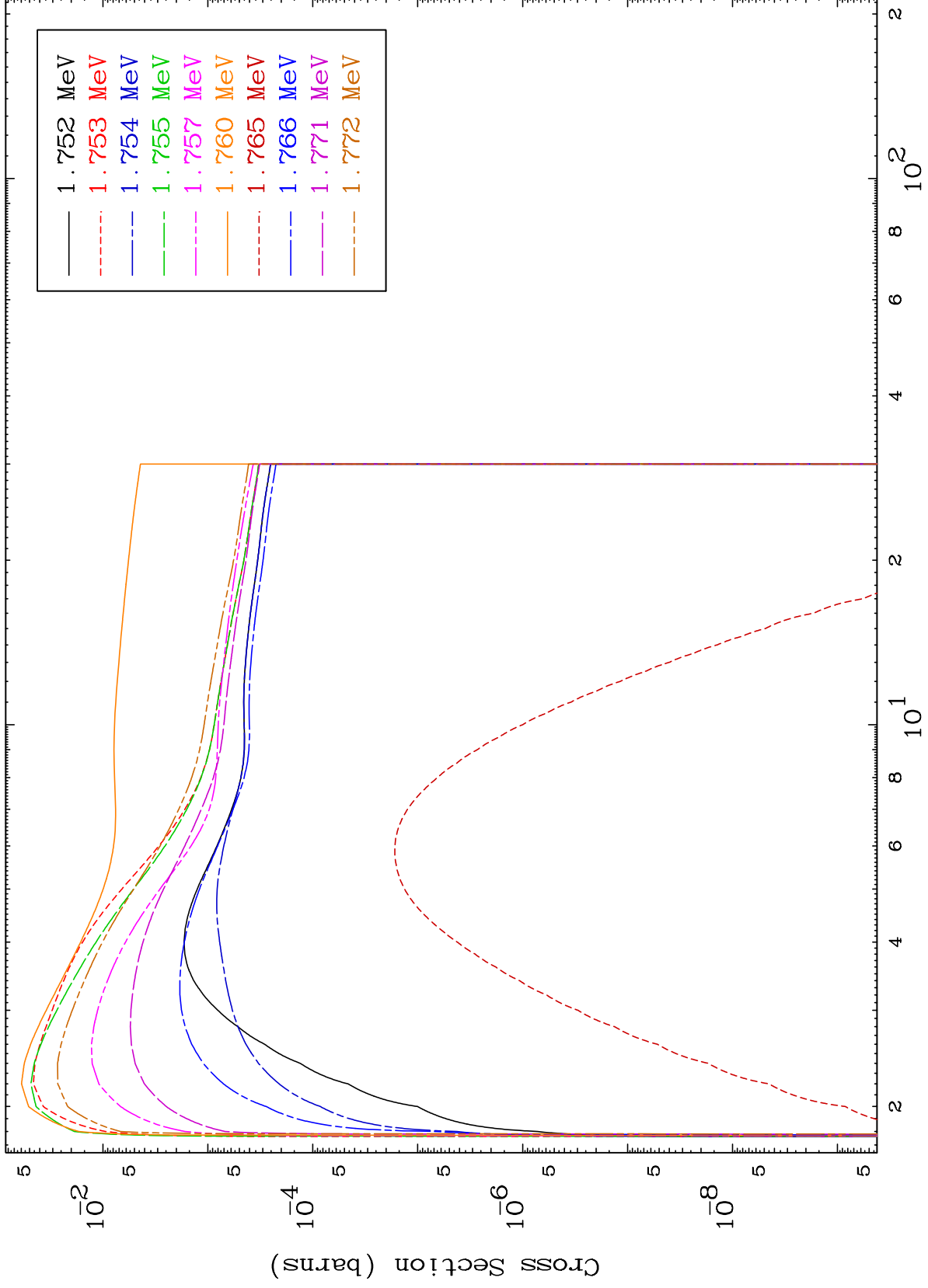




MAT 8143

(n,n') Level  
293 Kelvin Cross Sections

81-T1-209



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Incident Energy (MeV)

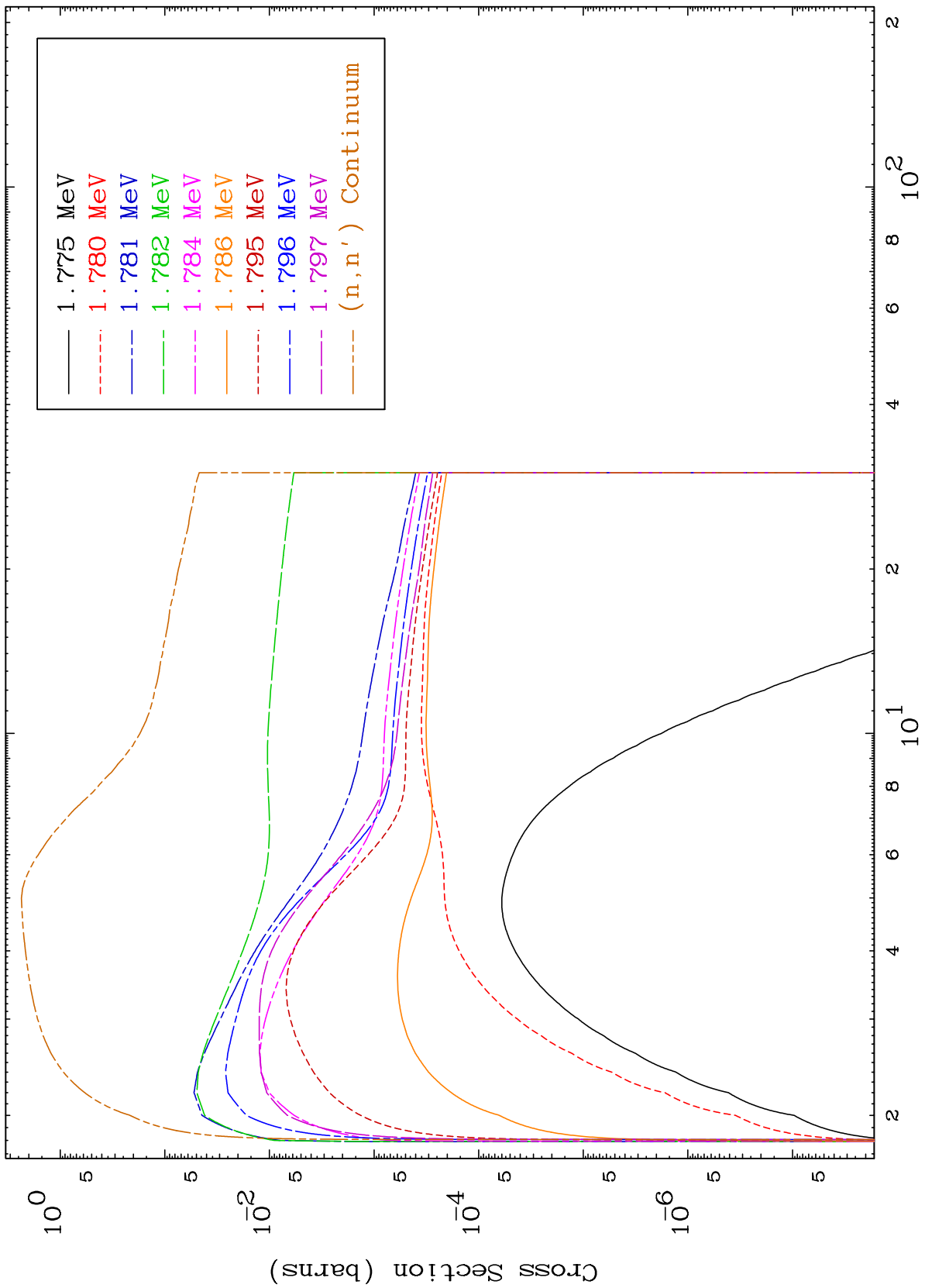
81-T1-209

MAT 8143

(n,n') Level

81-Tl-209

293 Kelvin Cross Sections



9

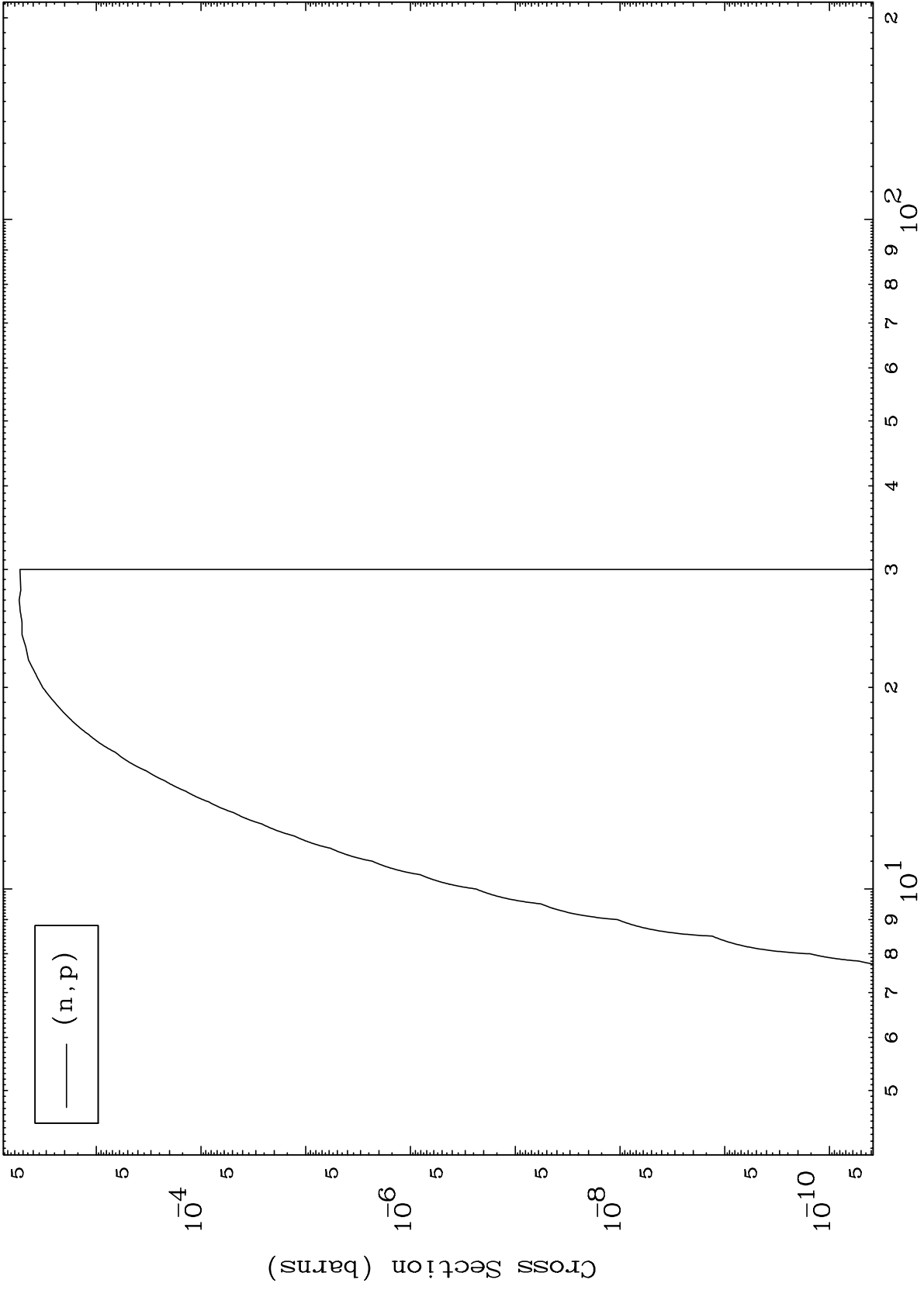
Incident Energy (MeV)

81-Tl-209

MAT 8143

(n,p) Levels  
293 Kelvin Cross Sections

81-Tl-209



10

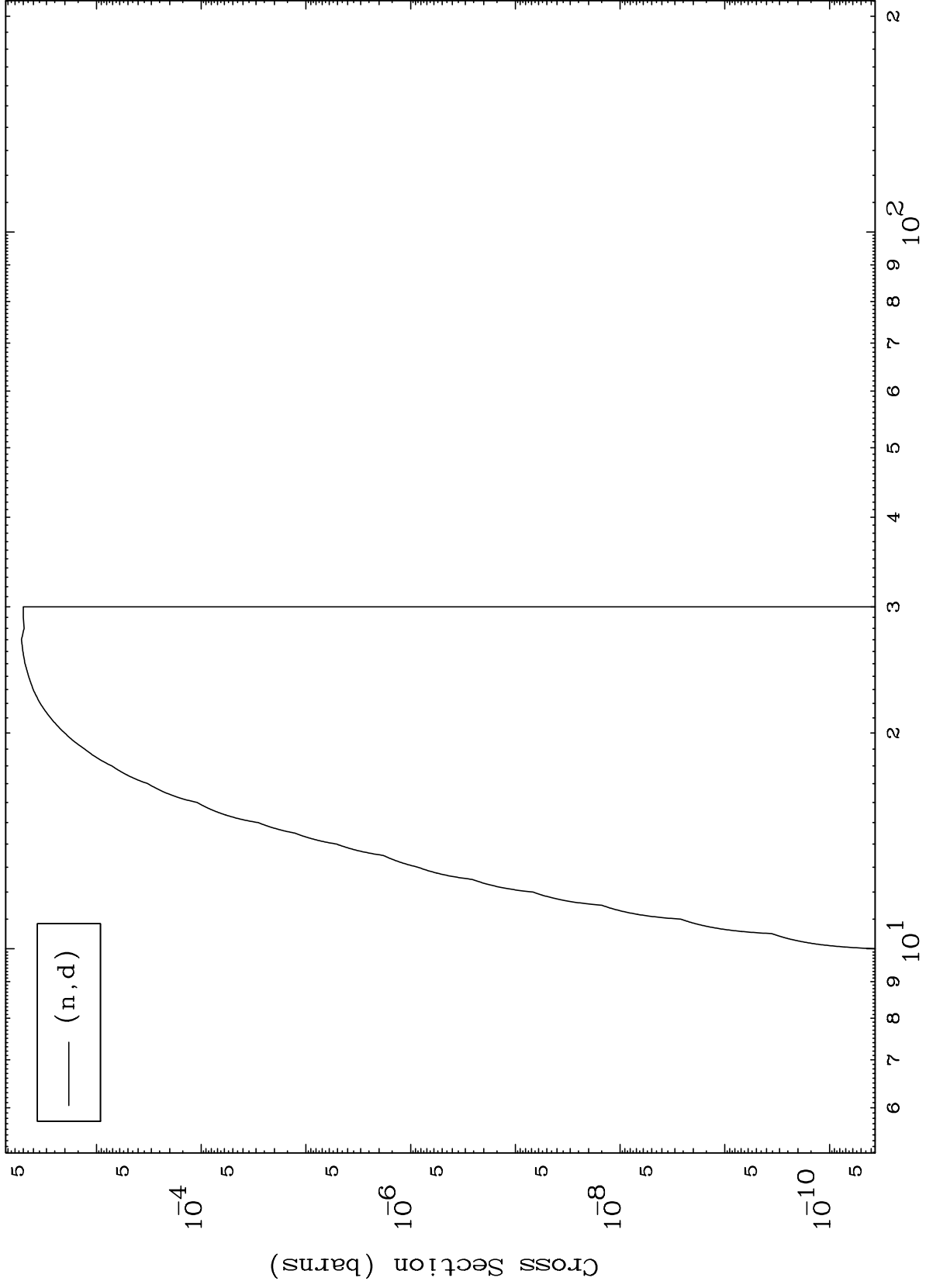
Incident Energy (MeV)

81-Tl-209

MAT 8143

(n,d) Levels  
293 Kelvin Cross Sections

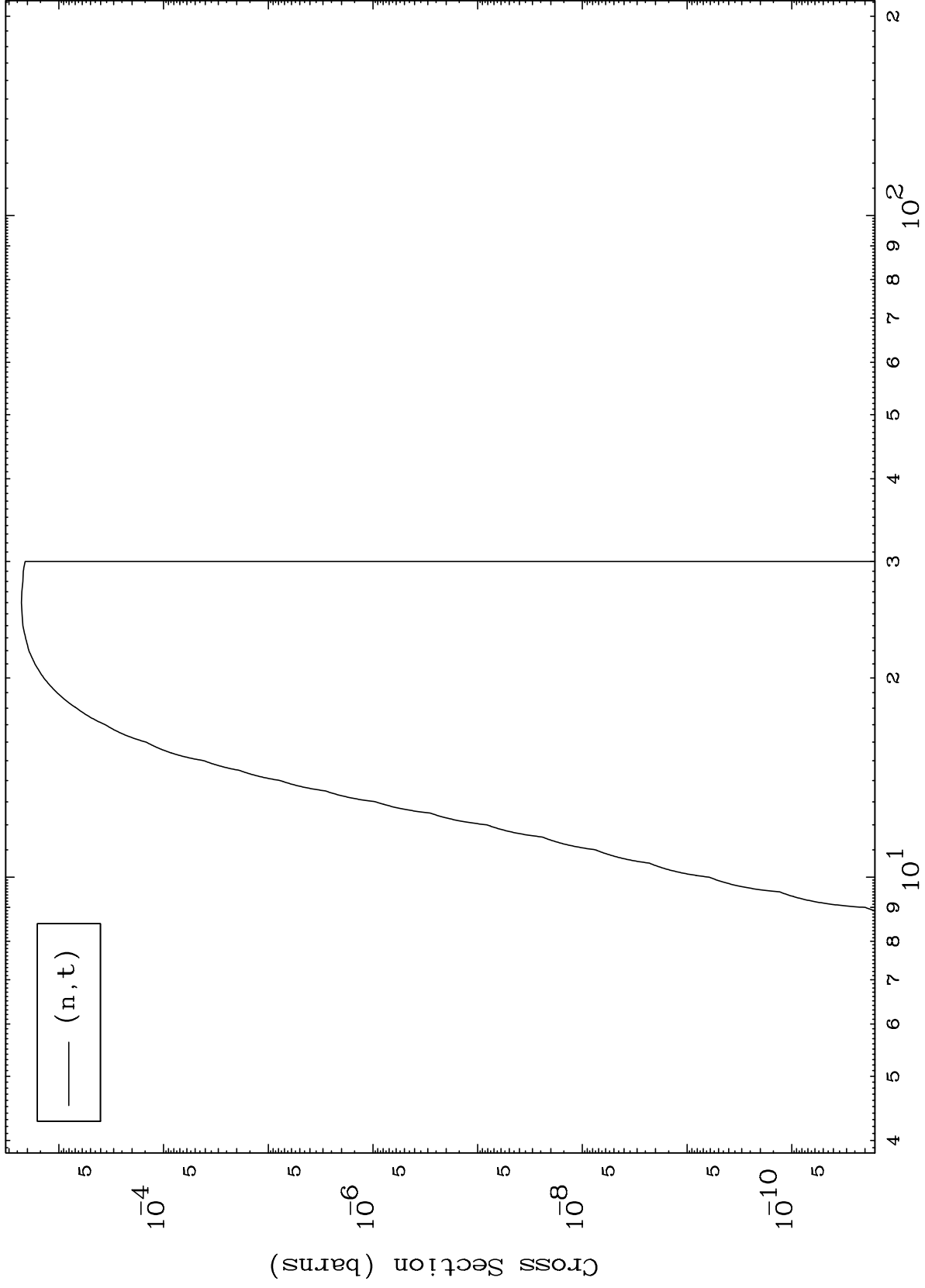
81-T1-209



MAT 8143

(n,t) Levels  
293 Kelvin Cross Sections

81-T1-209



12

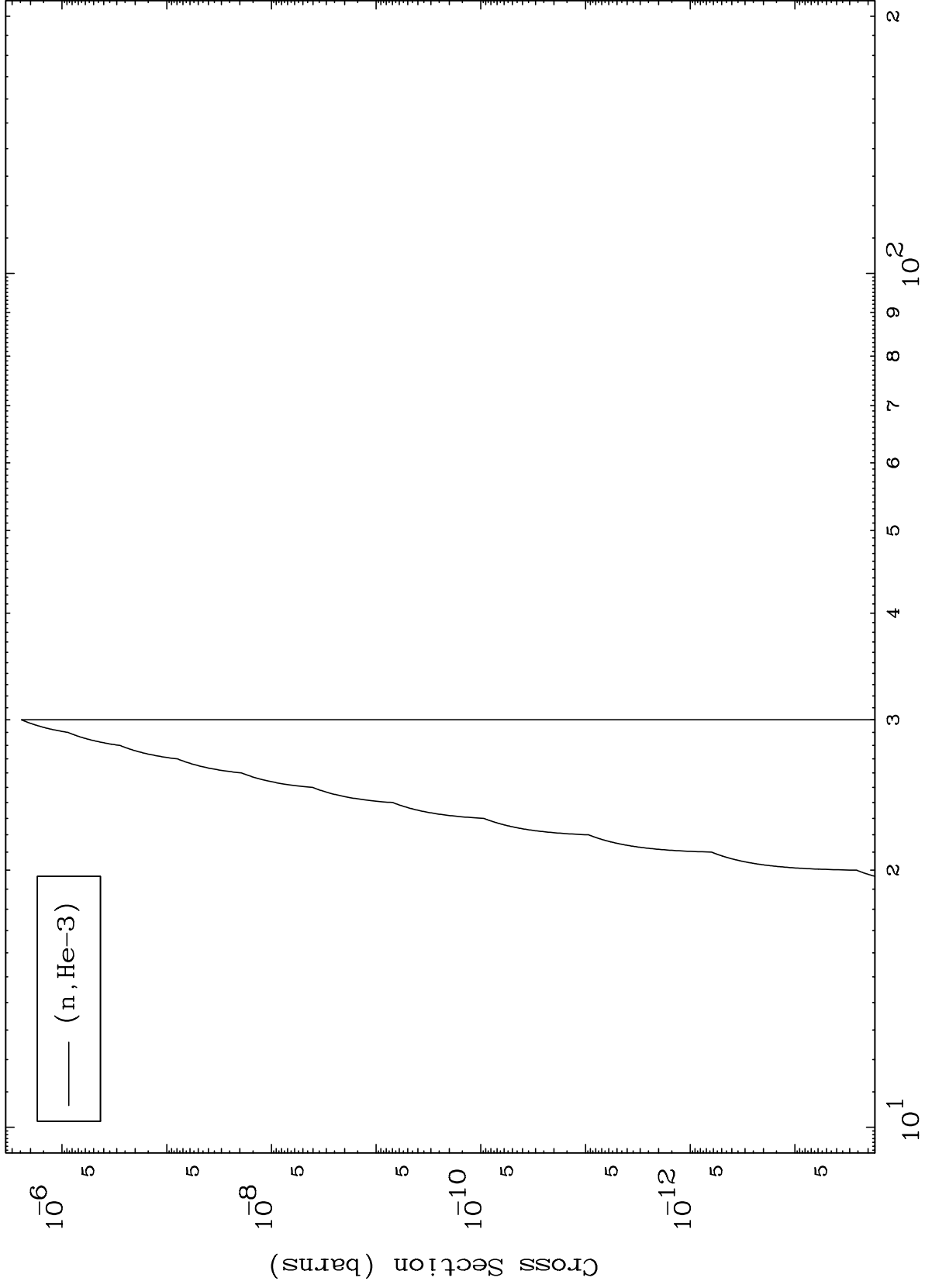
Incident Energy (MeV)

81-T1-209

MAT 8143

(n,He3) Levels  
293 Kelvin Cross Sections

81-T1-209



13

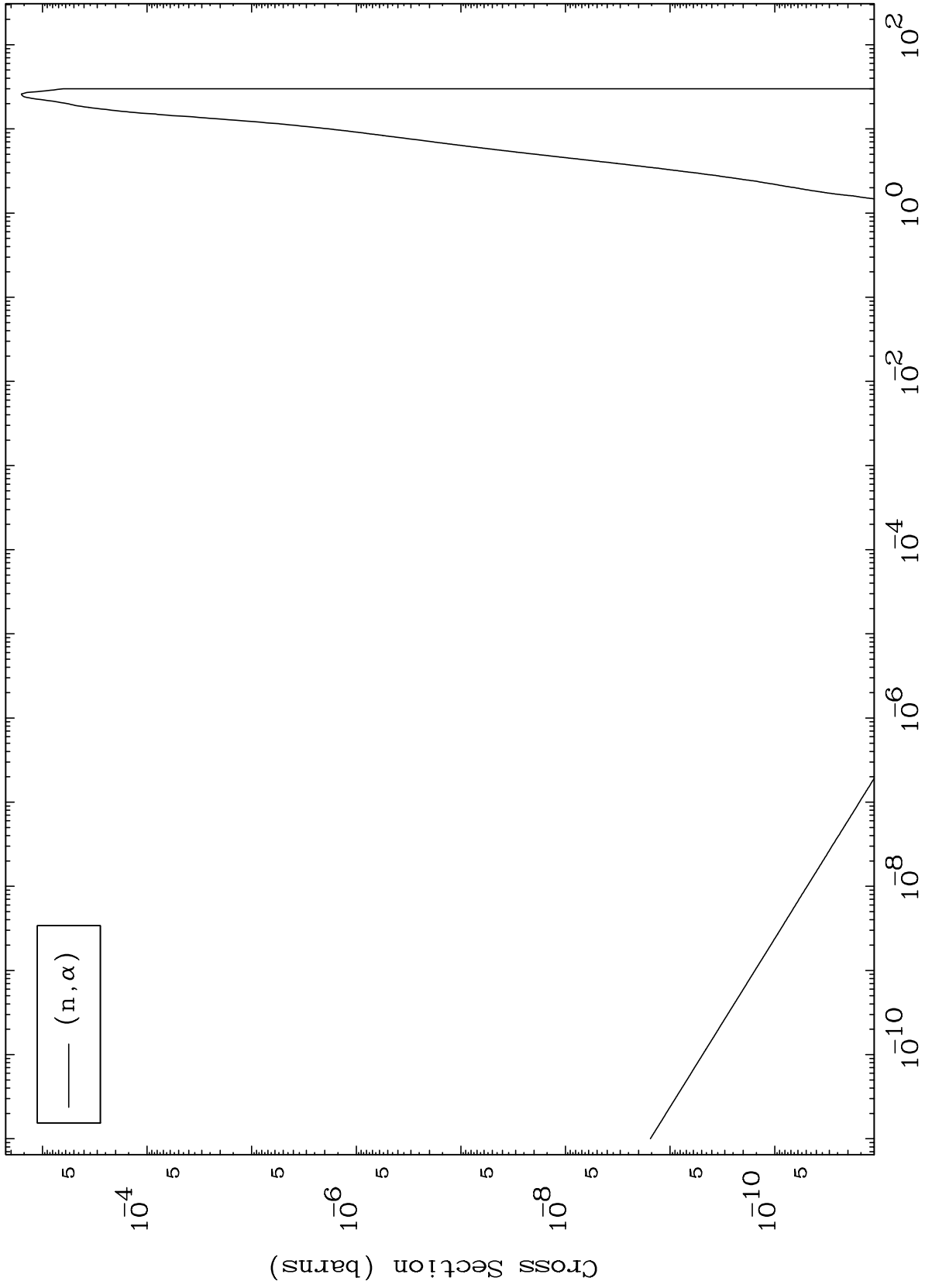
Incident Energy (MeV)

81-T1-209

MAT 8143

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

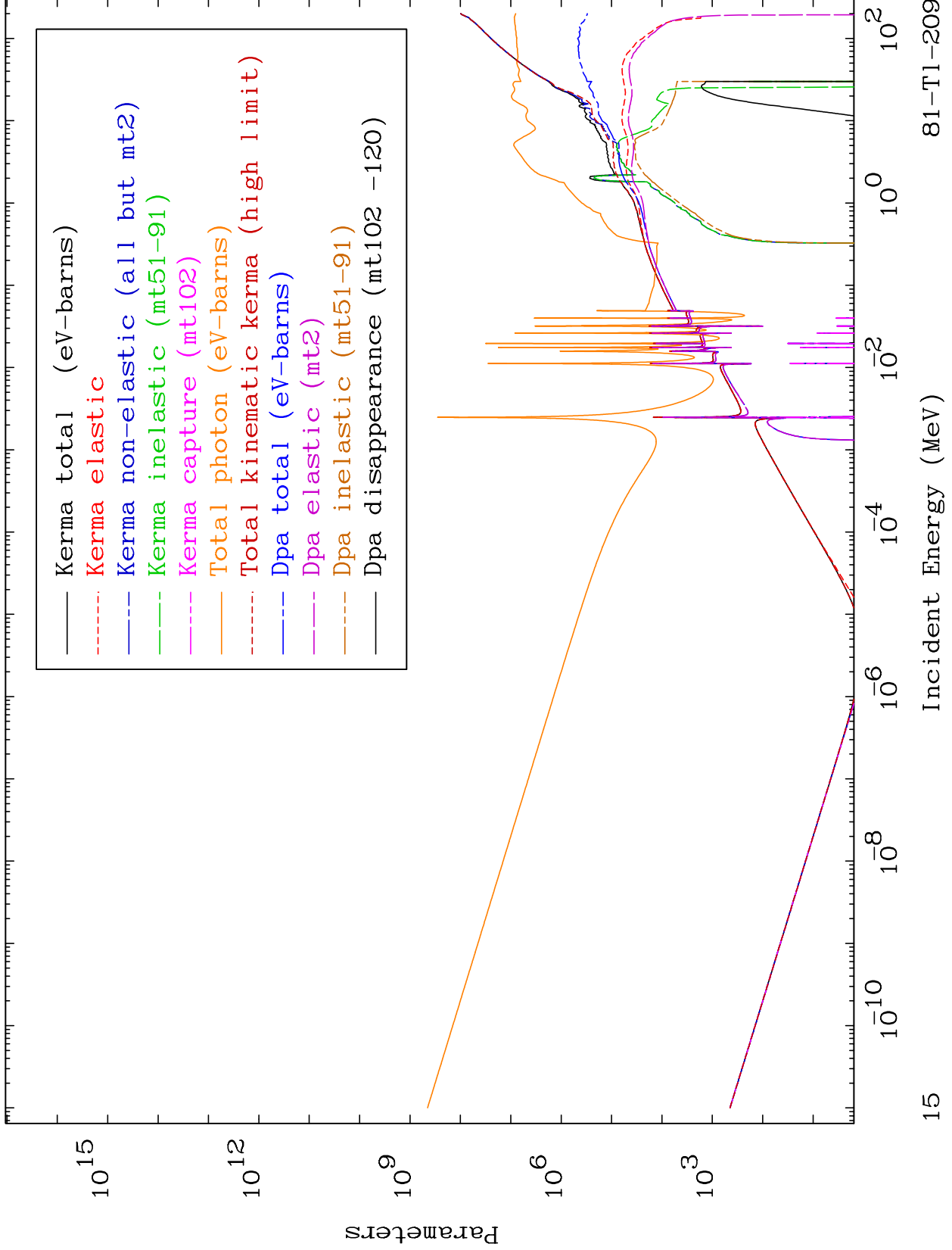
81-Tl-209



14

Incident Energy (MeV)

81-Tl-209

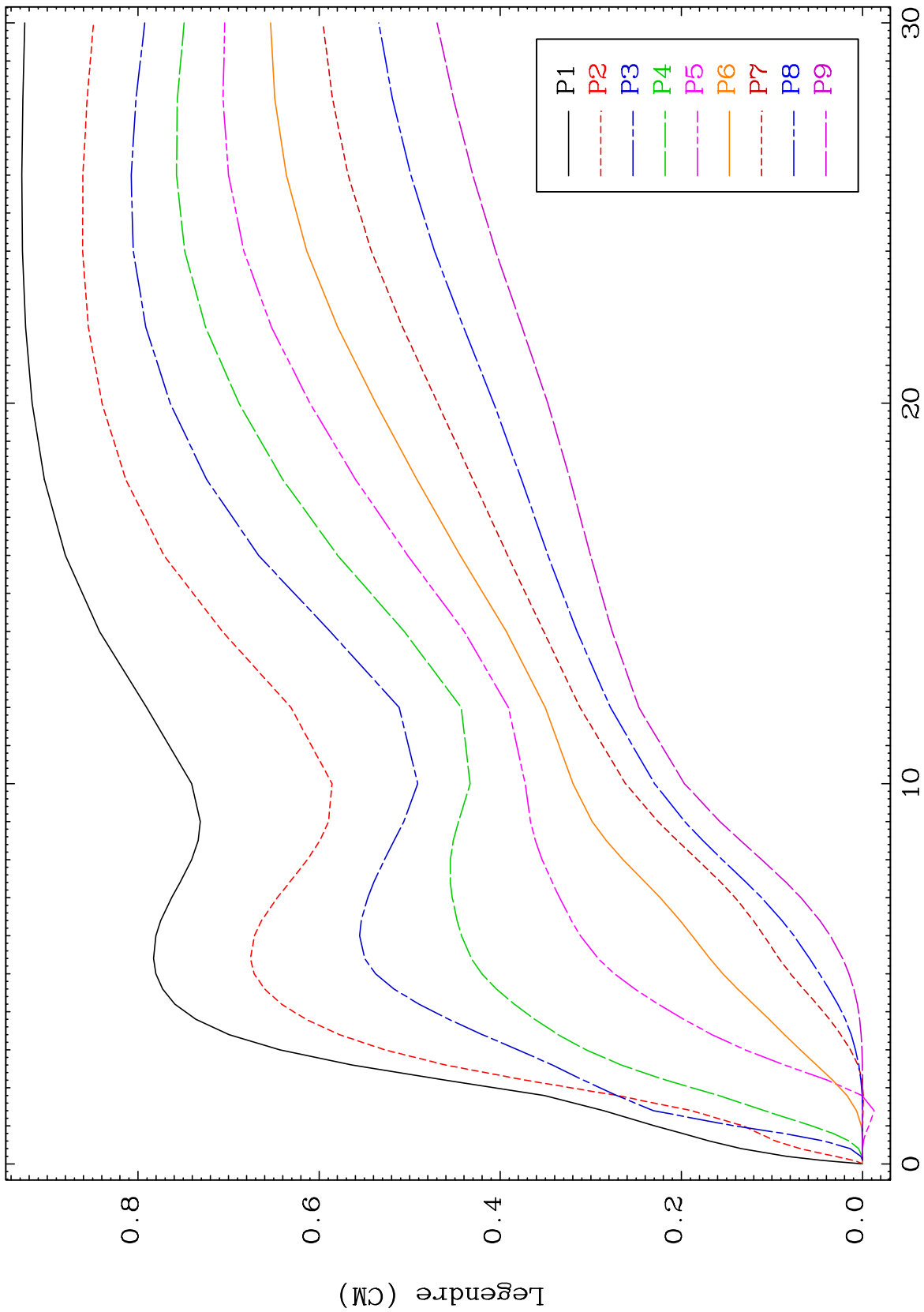




MAT 8143

81-T1-209

Elastic Legendre Coefficients



81-T1-209

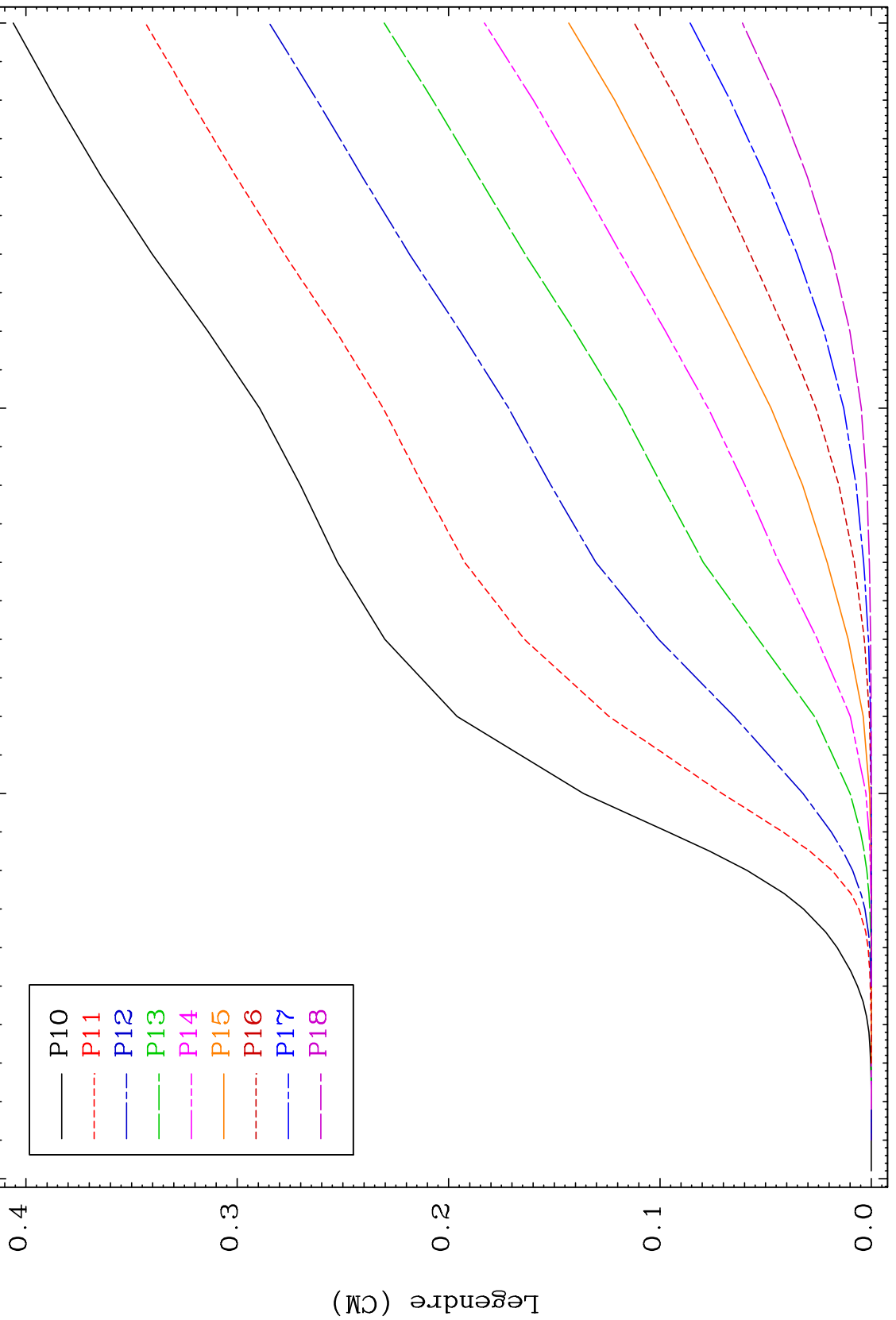
Incident Energy (MeV)

16

MAT 8143

Elastic Legendre Coefficients

81-T1-209



17

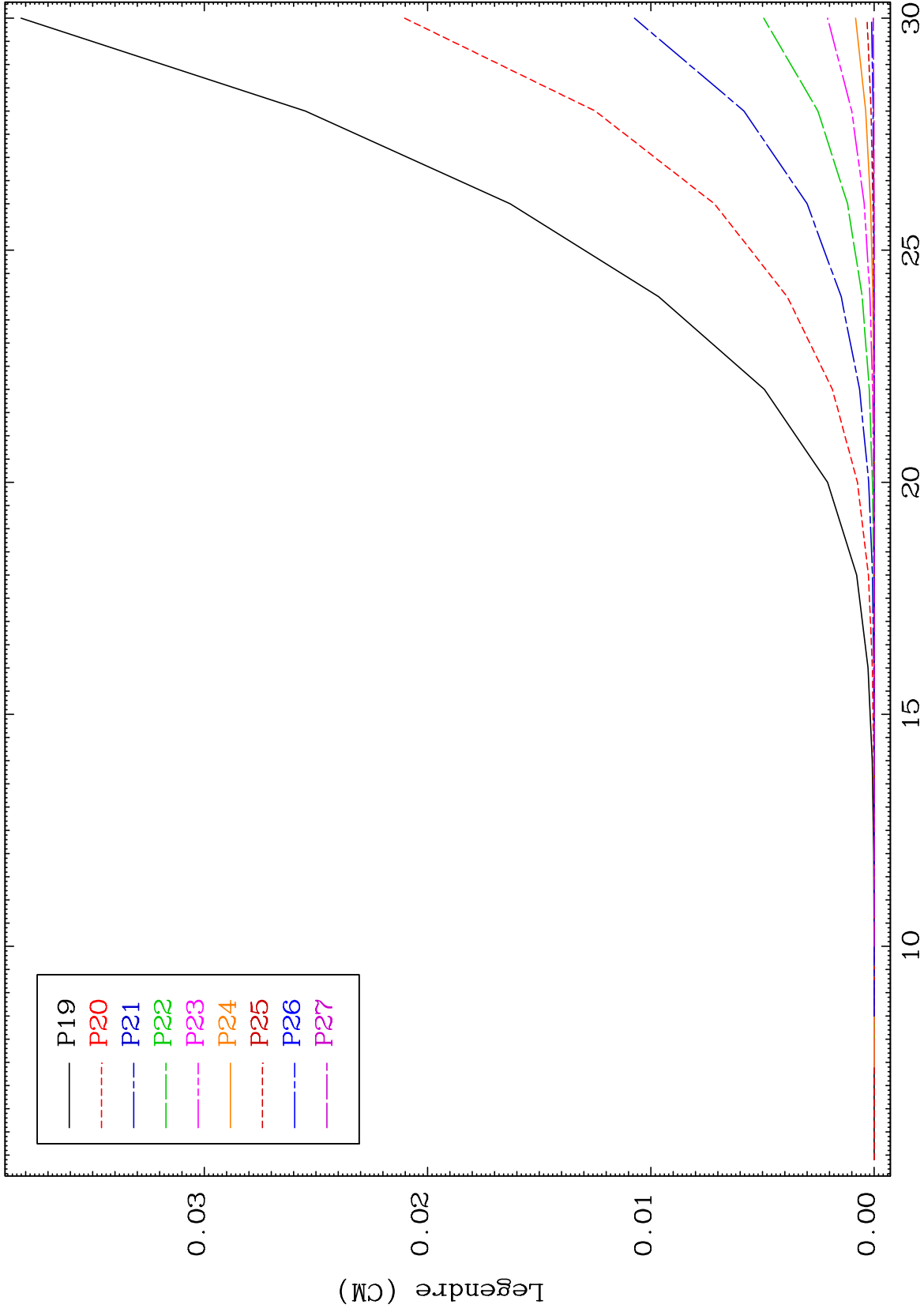
Incident Energy (MeV)

81-T1-209

MAT 8143

Elastic Legendre Coefficients

81-T1-209



18

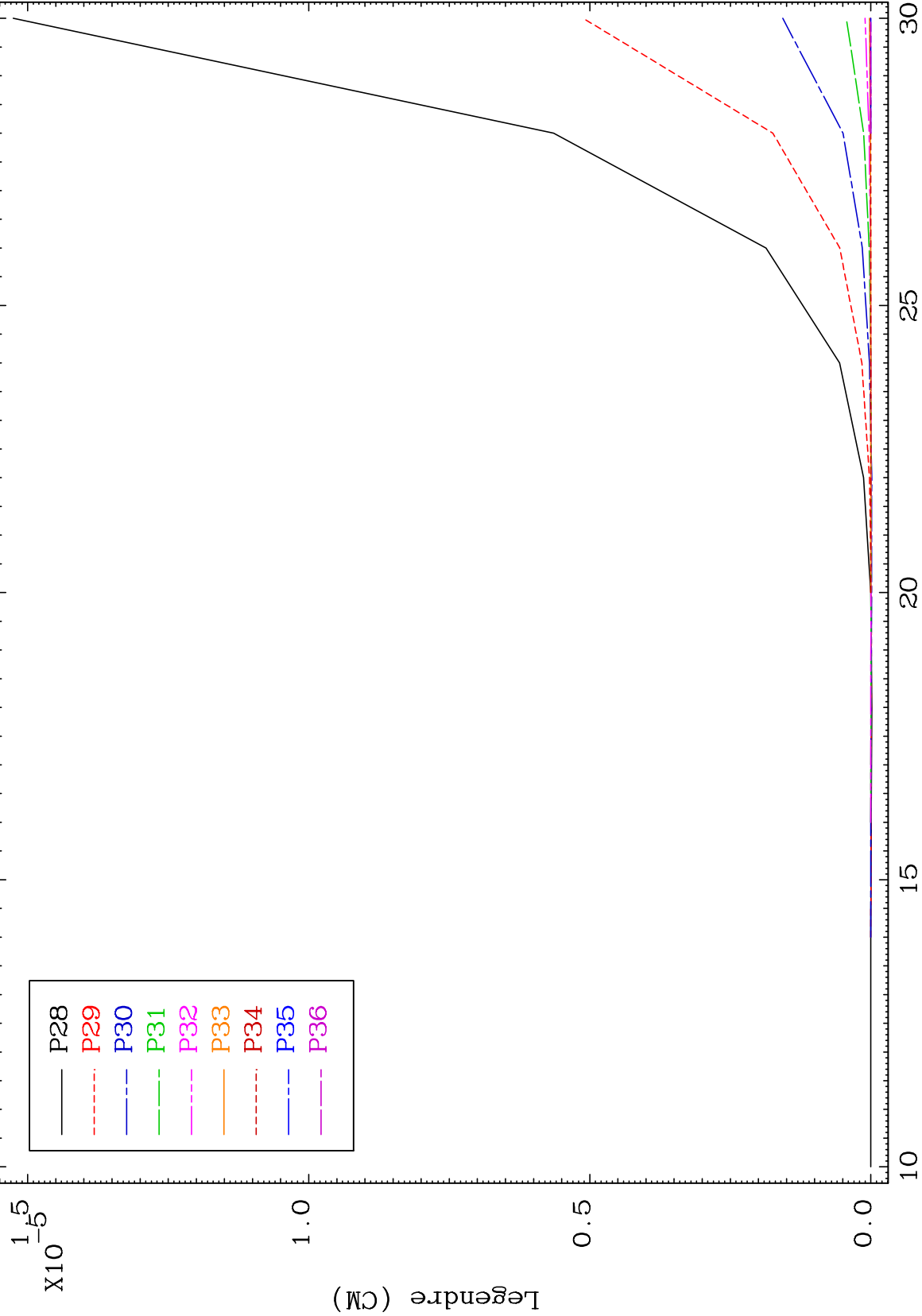
Incident Energy (MeV)

81-T1-209

MAT 8143

Elastic Legendre Coefficients

81-T1-209



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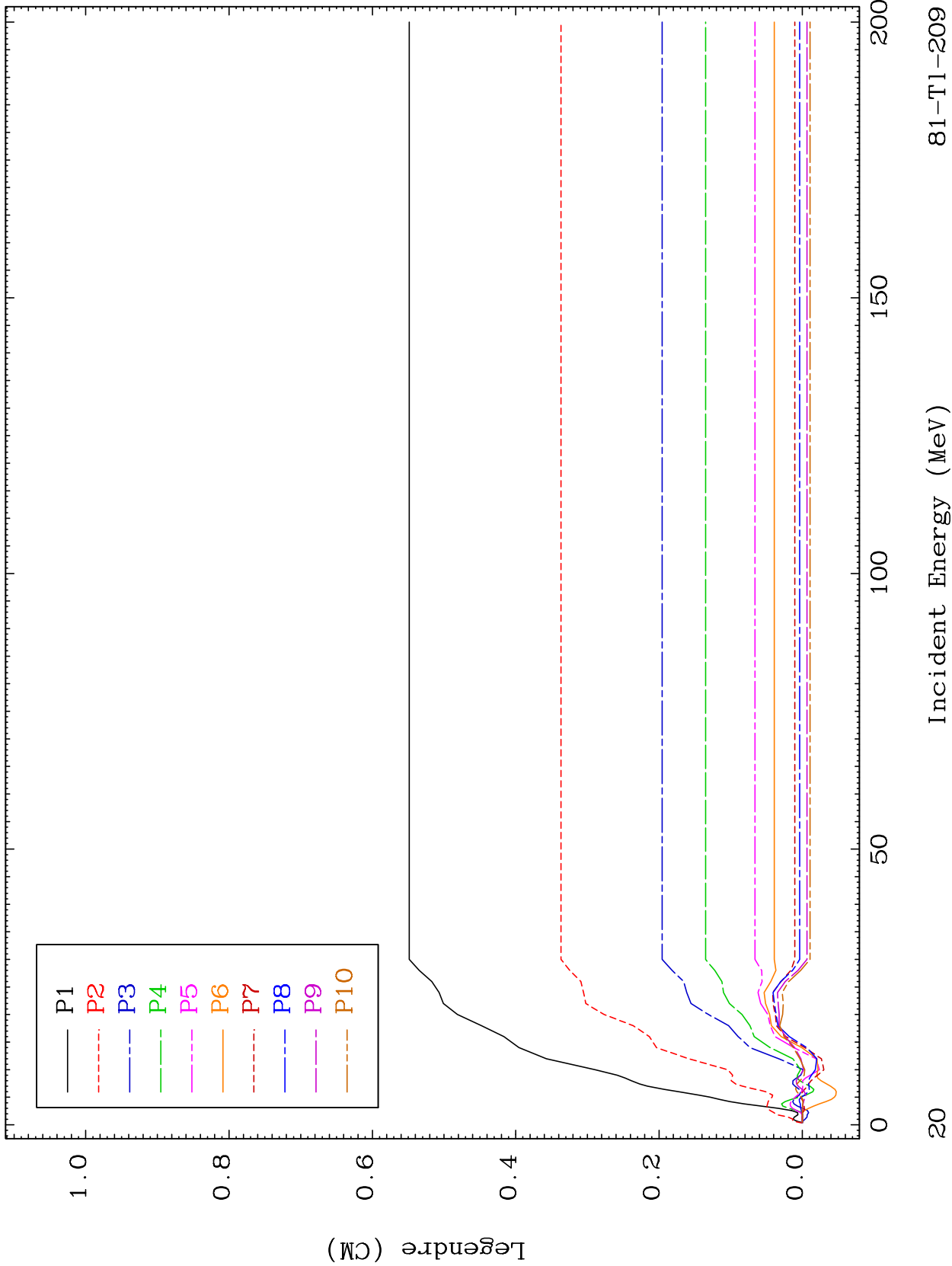
Incident Energy (MeV)

81-T1-209

MAT 8143

323.8 keV (n,n') Level  
Legendre Coefficients

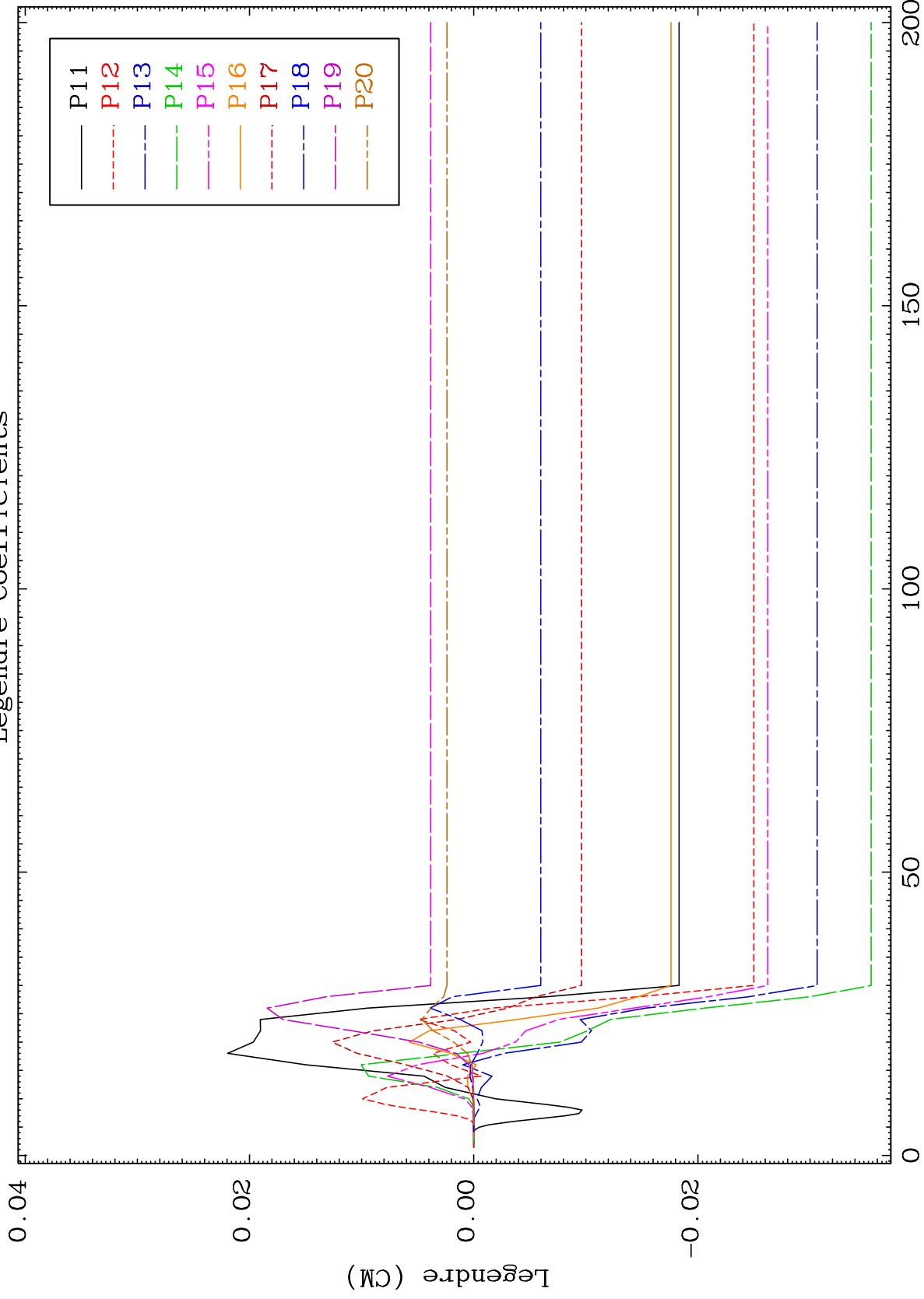
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MAT 8143

323.8 keV (n,n') Level  
Legendre Coefficients

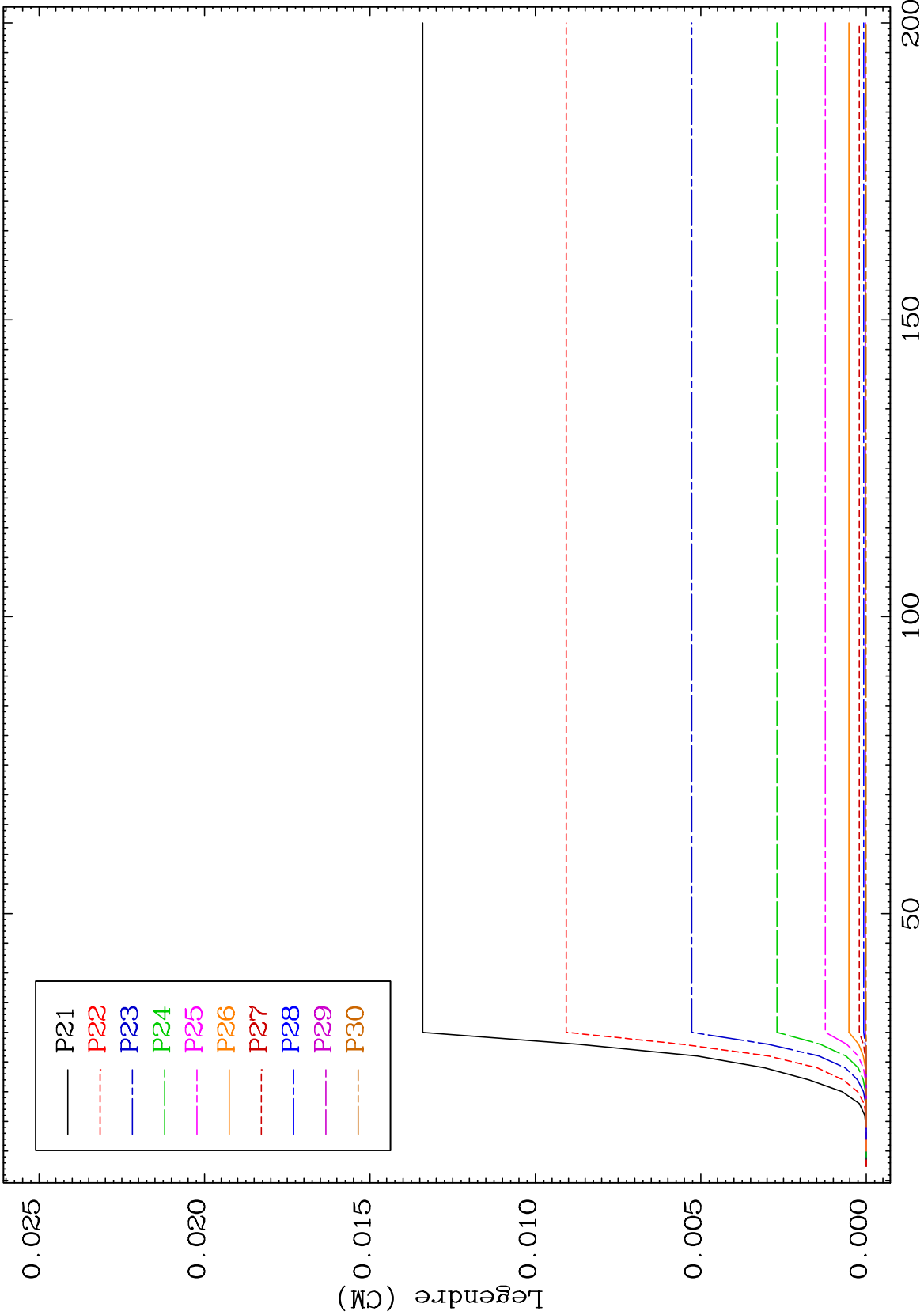
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Incident Energy (MeV)

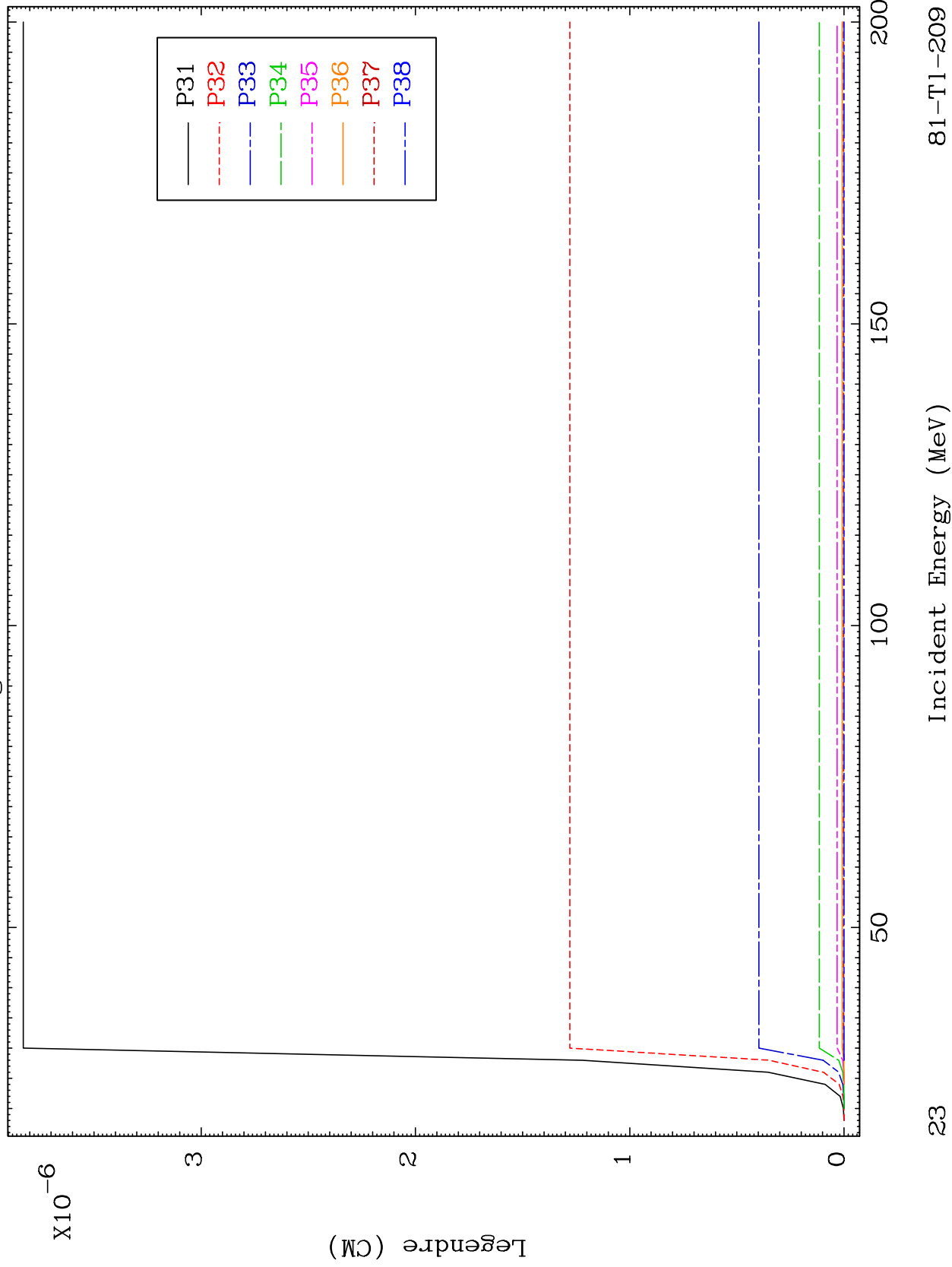
81-T1-209



MAT 8143

323.8 keV (n,n') Level  
Legendre Coefficients

81-T1-209



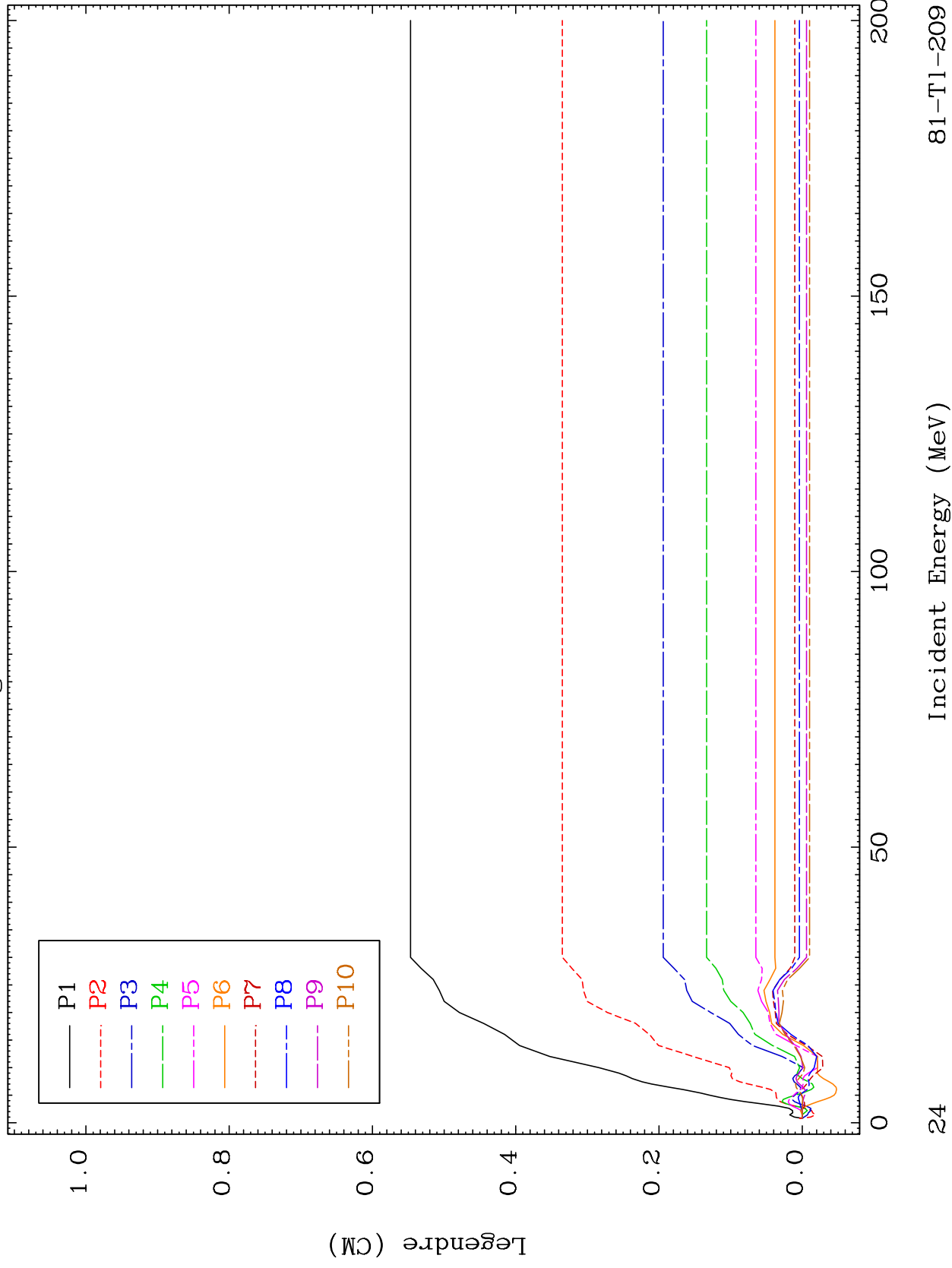
23



MAT 8143

739.0 keV (n,n') Level  
Legendre Coefficients

81-T1-209



24

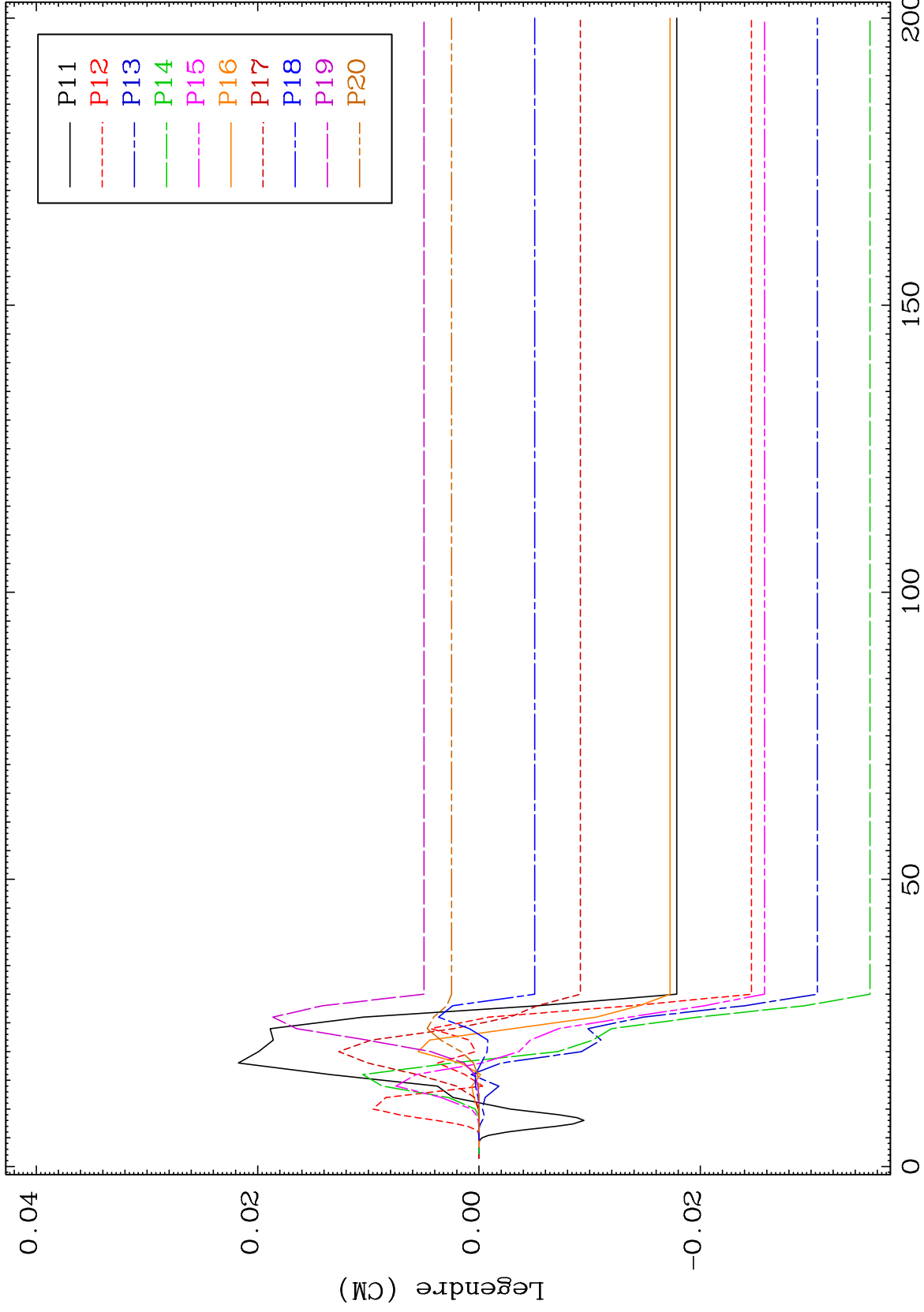
Incident Energy (MeV)

81-T1-209

MAT 8143

739.0 keV (n,n') Level  
Legendre Coefficients

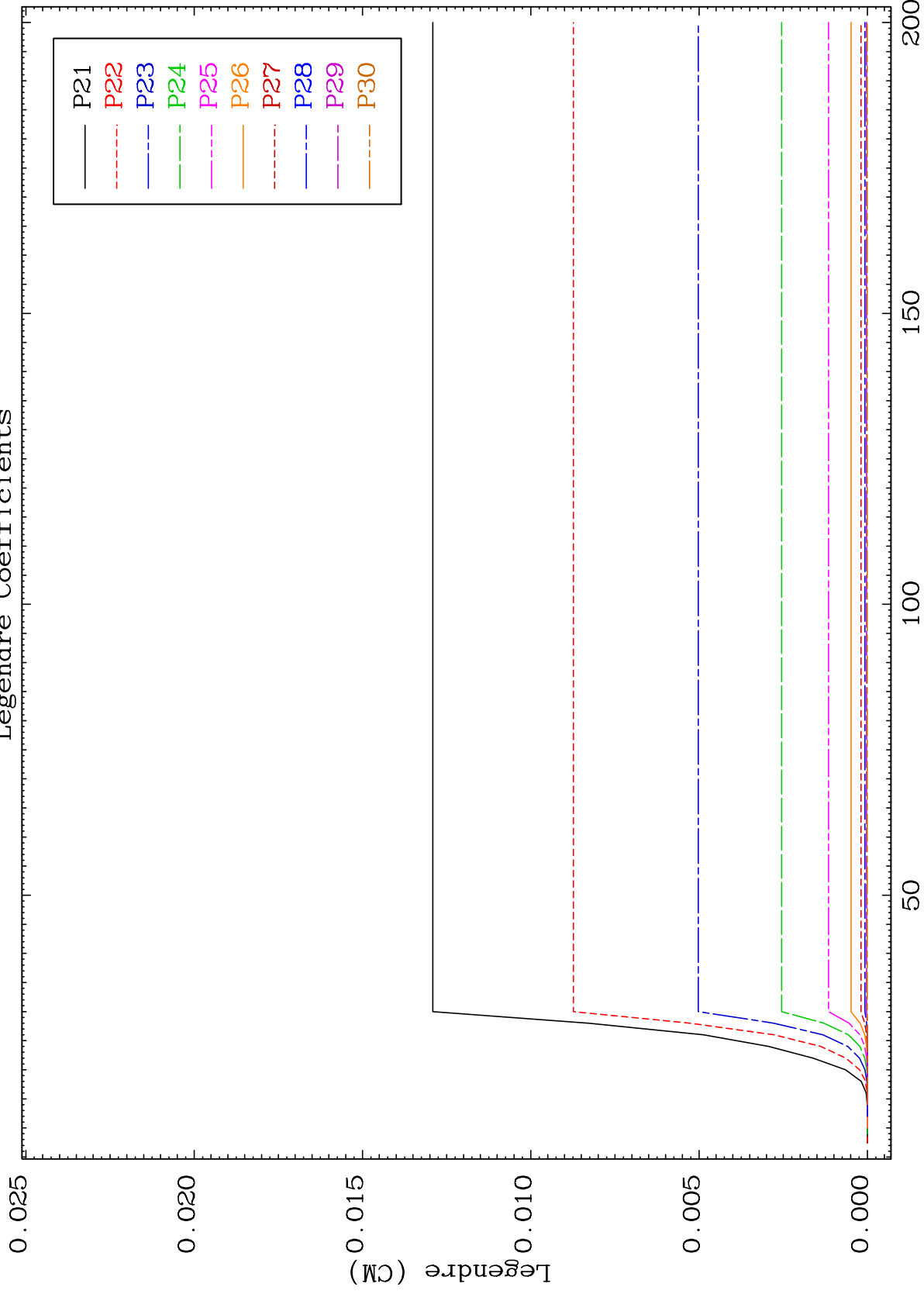
81-T1-209



25

Incident Energy (MeV)

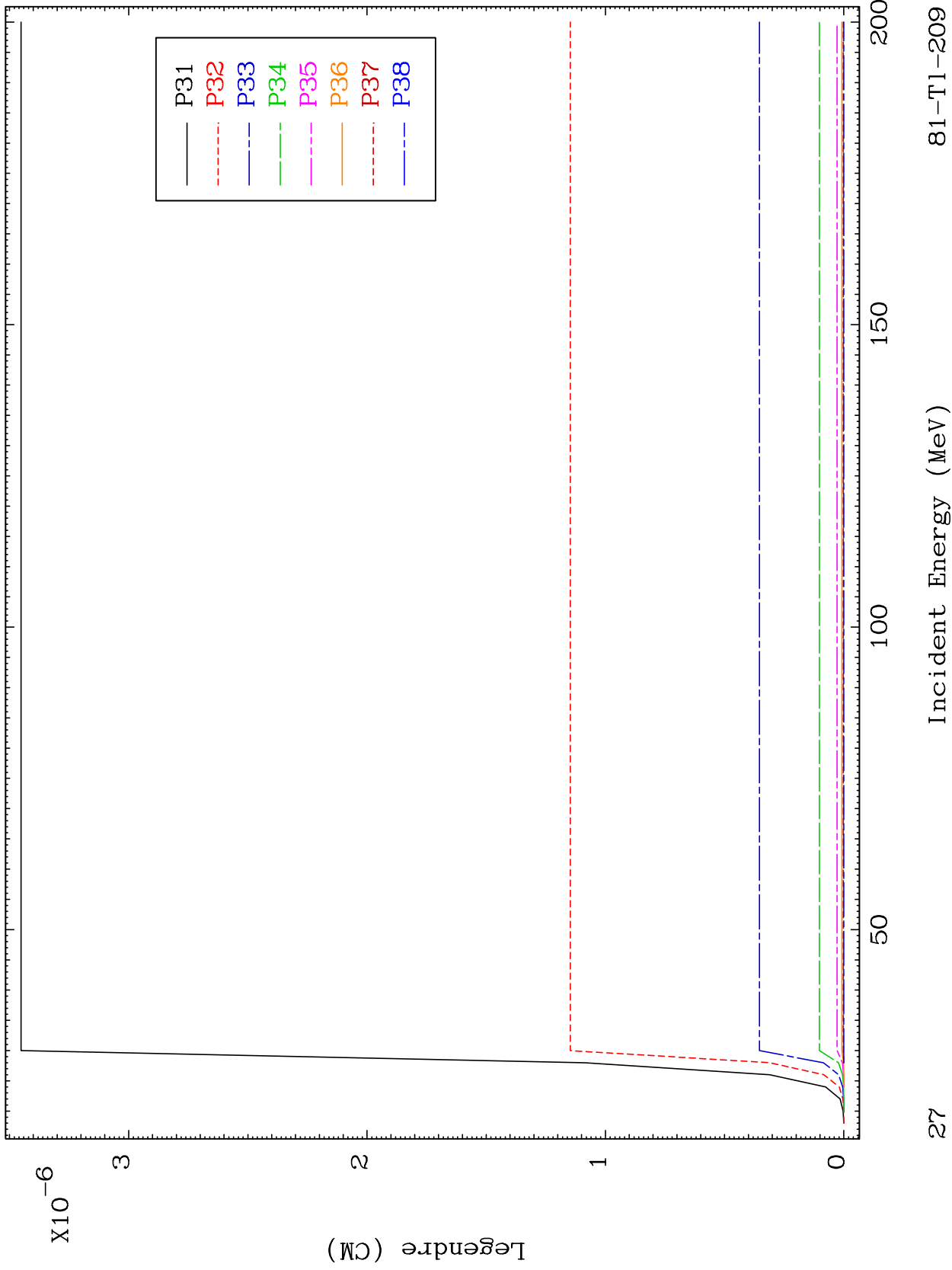
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MAT 8143

739.0 keV (n,n') Level  
Legendre Coefficients

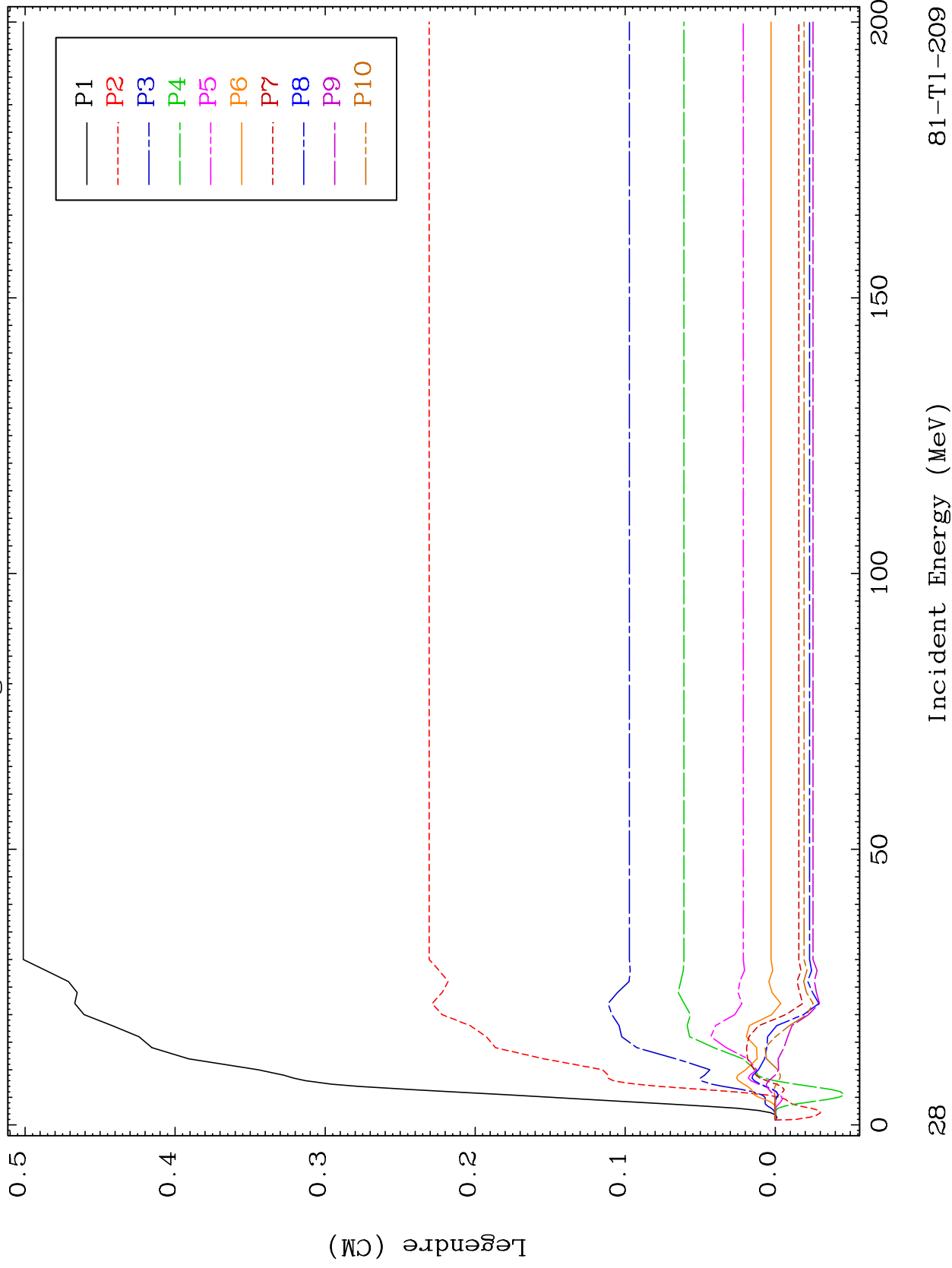
81-T1-209



MAT 8143

868.3 keV (n,n') Level  
Legendre Coefficients

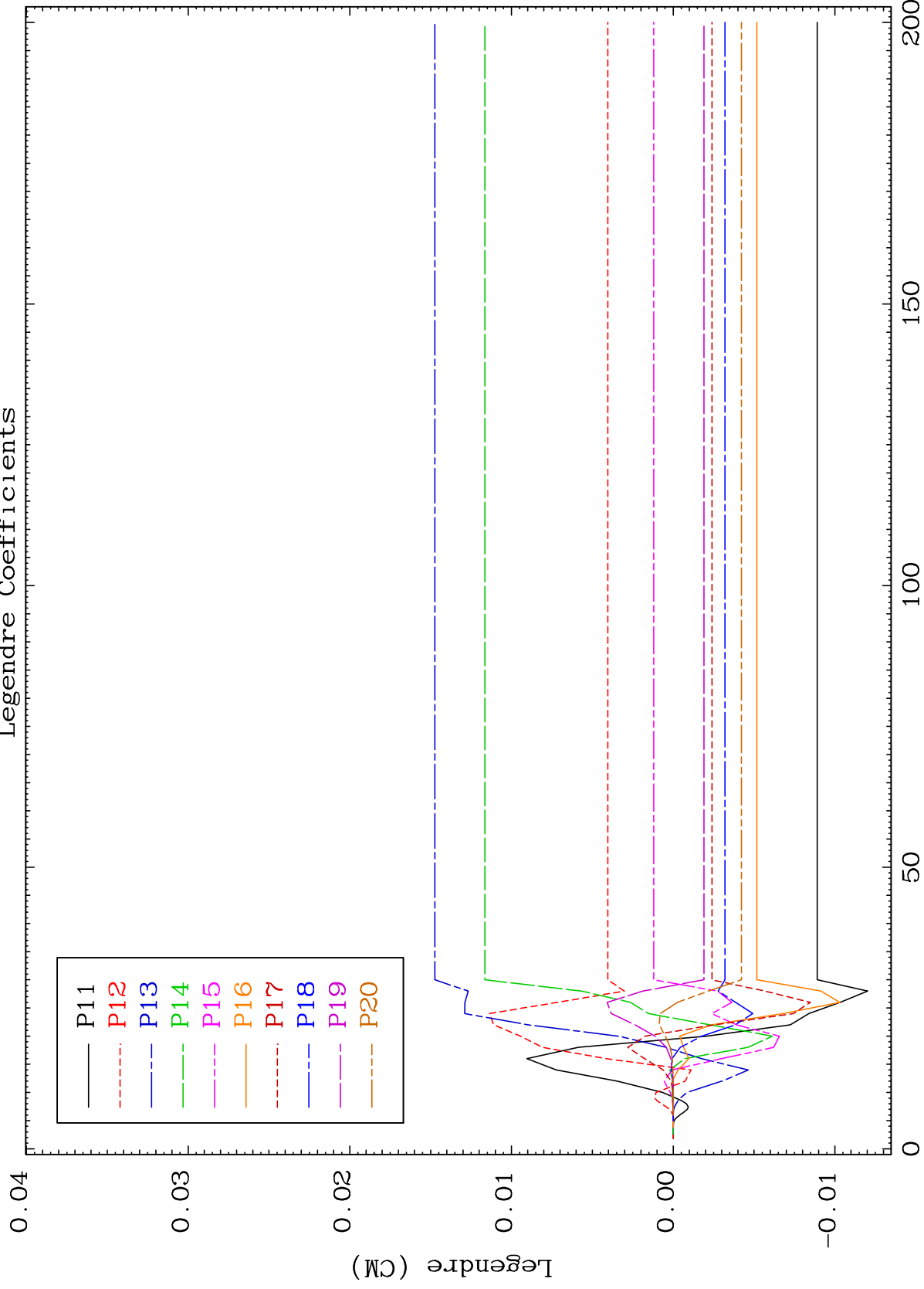
81-T1-209



MAT 8143

868.3 keV (n,n') Level  
Legendre Coefficients

81-T1-209



29

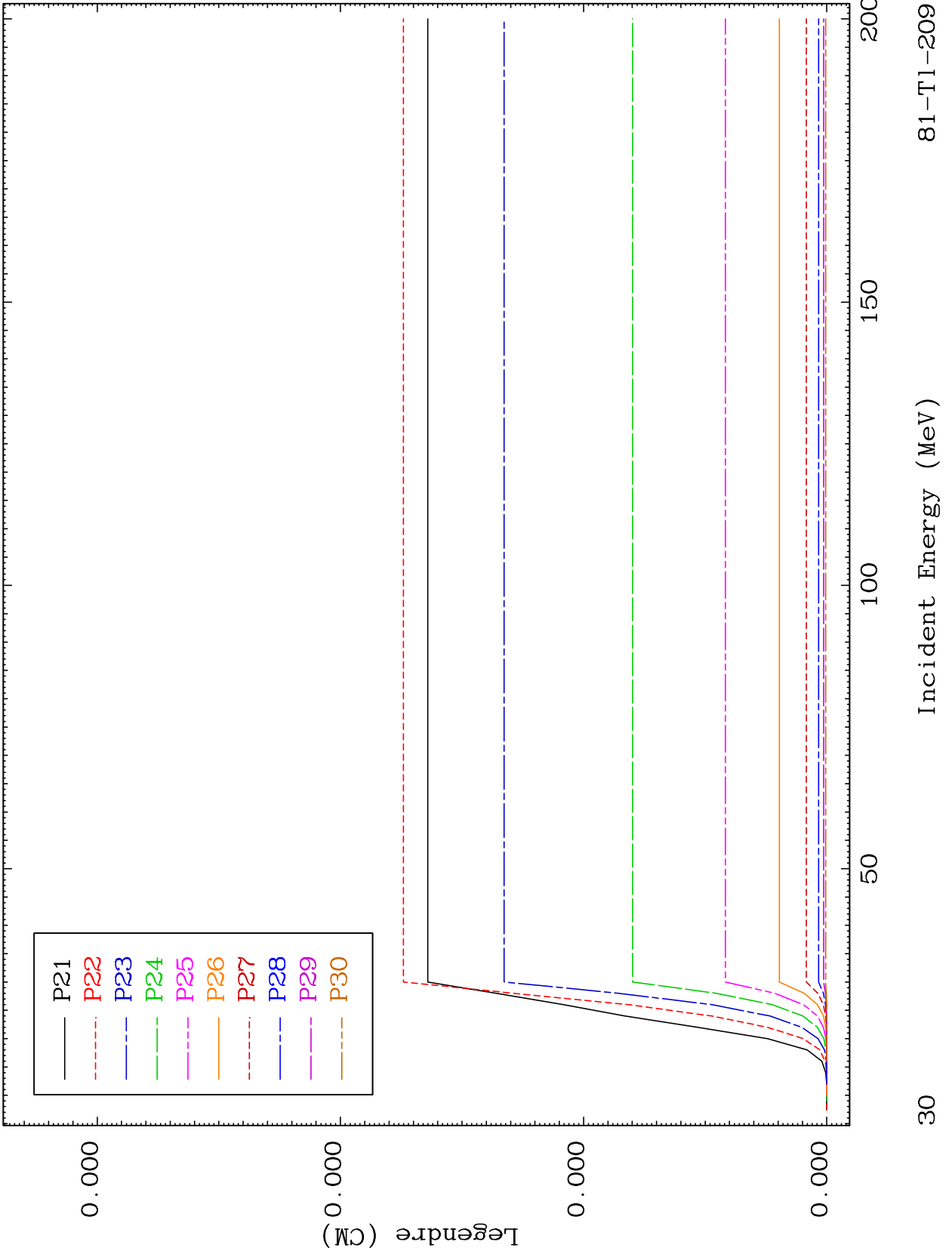
Incident Energy (MeV)

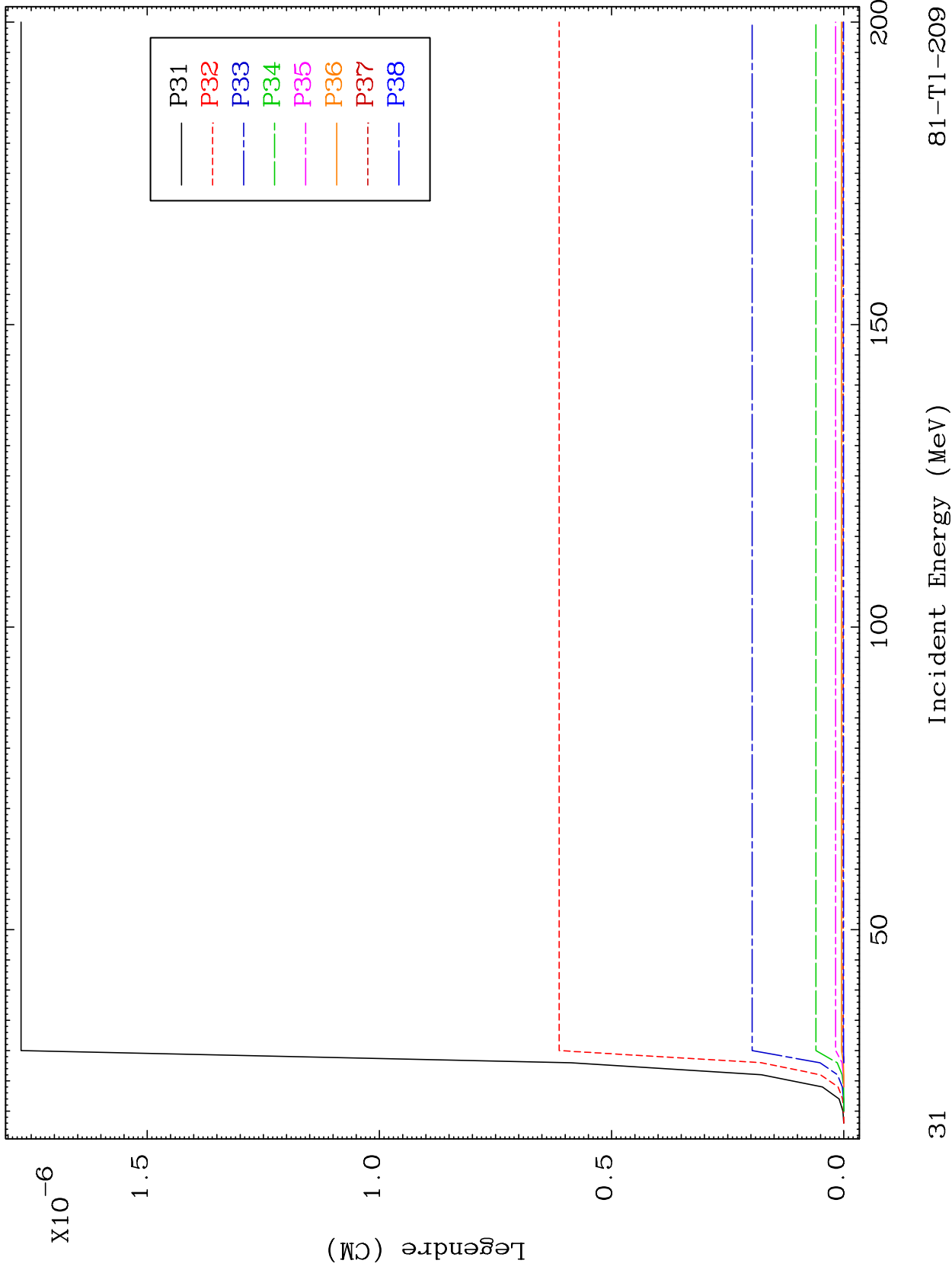
81-T1-209

MAT 8143

868.3 keV (n,n') Level  
Legendre Coefficients

81-T1-209



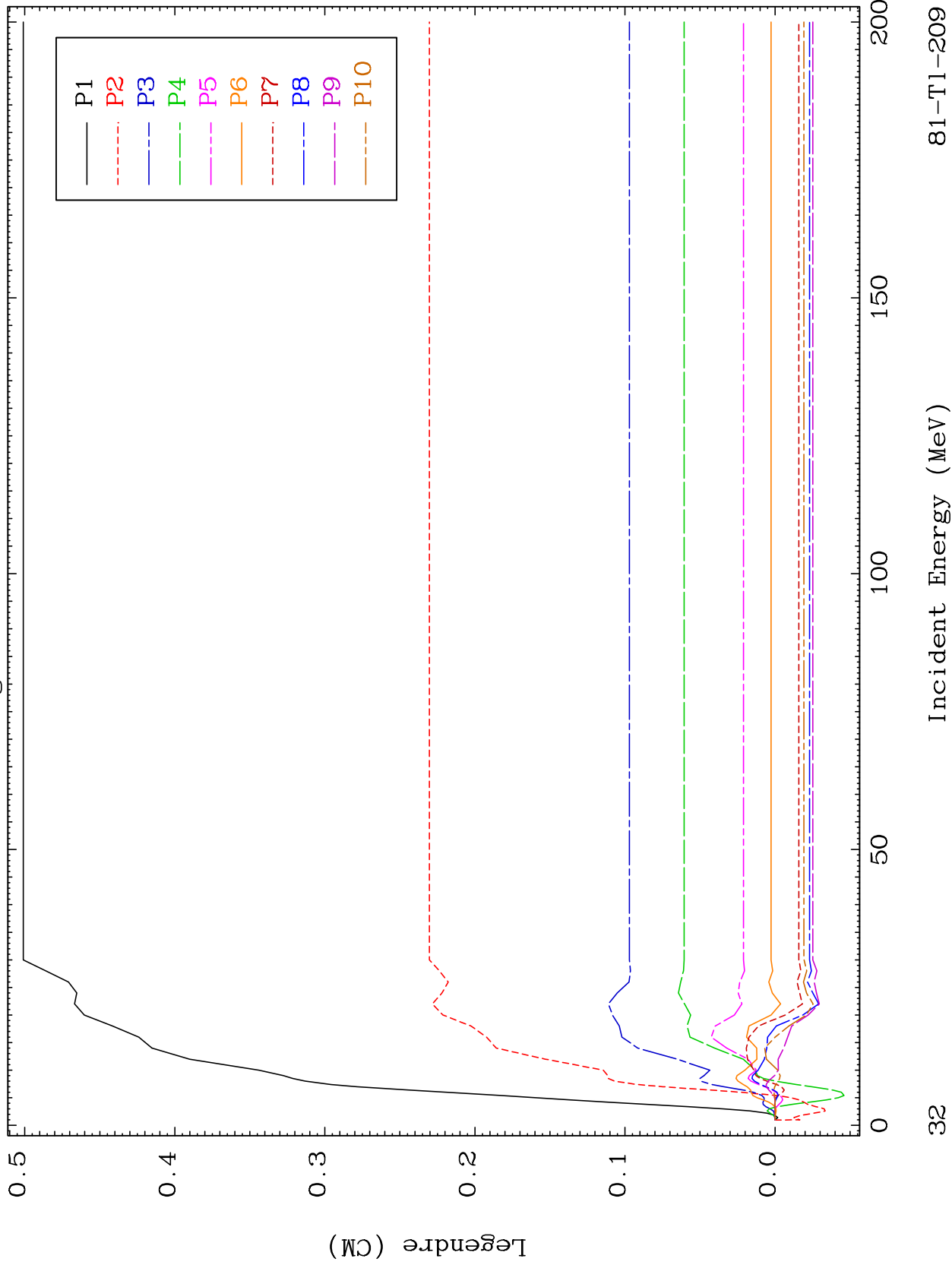




MAT 8143

947.0 keV (n,n') Level  
Legendre Coefficients

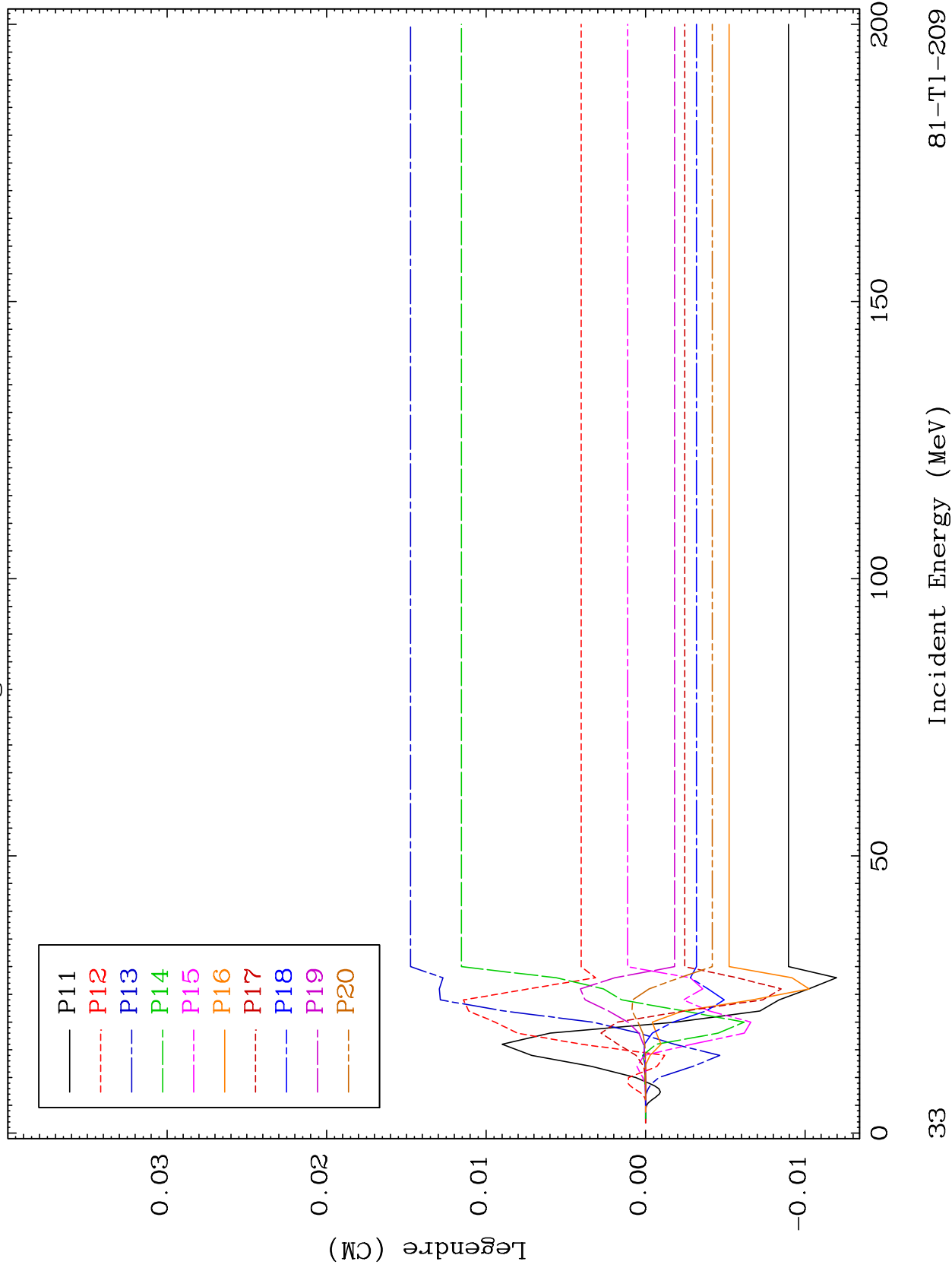
81-T1-209



MAT 8143

947.0 keV (n,n') Level  
Legendre Coefficients

81-T1-209



81-T1-209

Incident Energy (MeV)

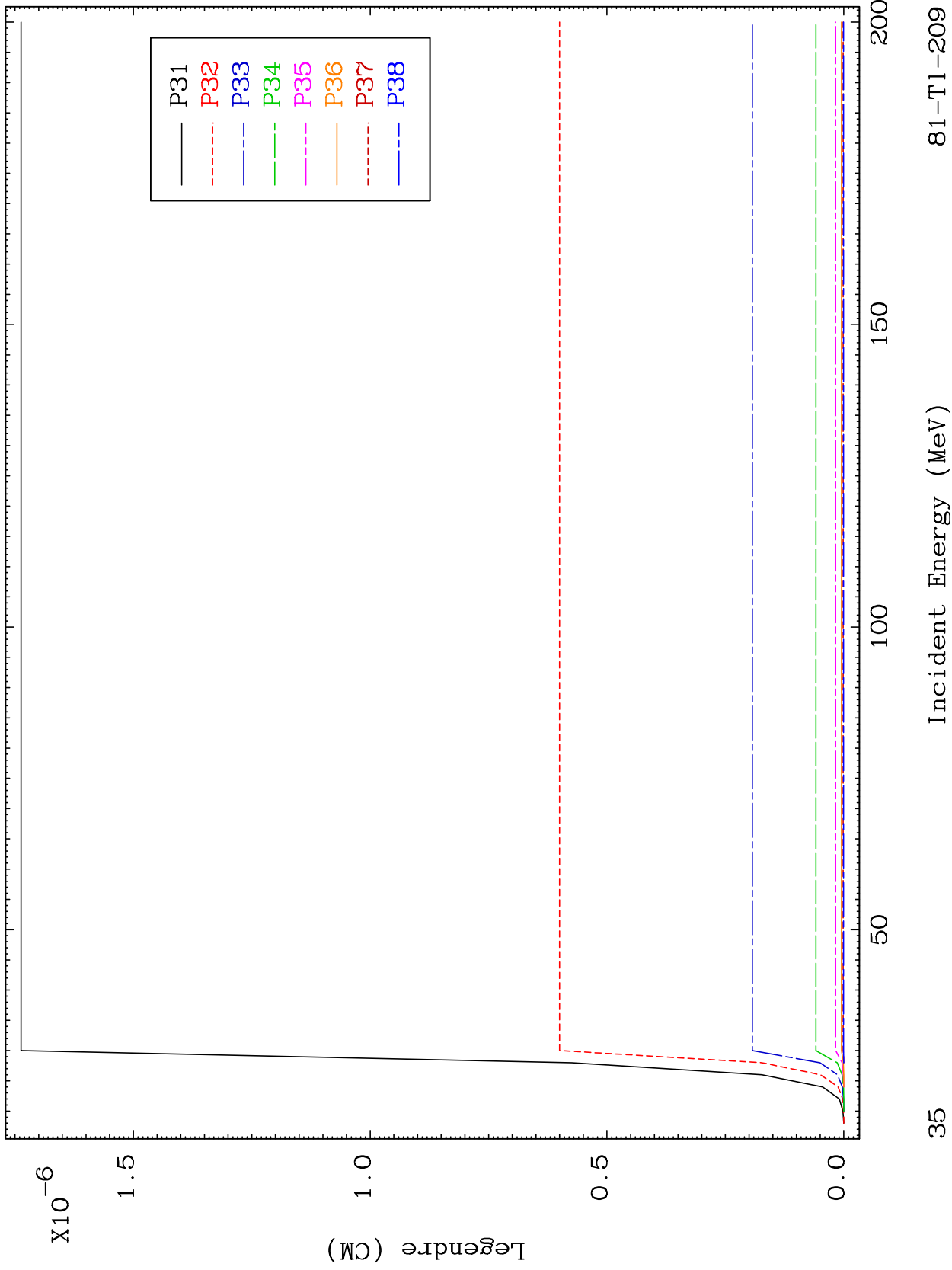
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MAT 8143

947.0 keV (n,n') Level  
Legendre Coefficients

81-T1-209



35

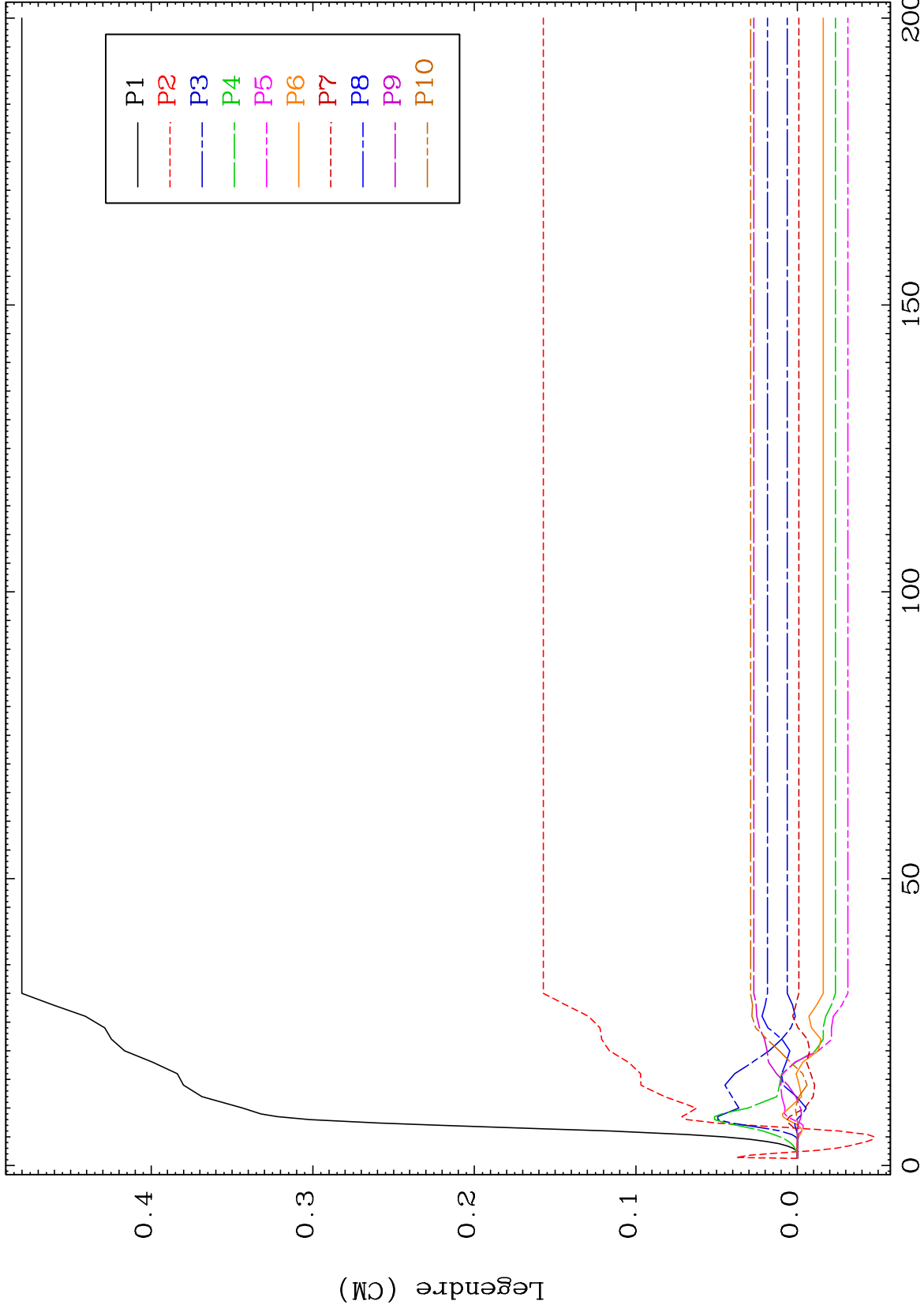
Incident Energy (MeV)

81-T1-209

MAT 8143

1.230 MeV (n,n') Level  
Legendre Coefficients

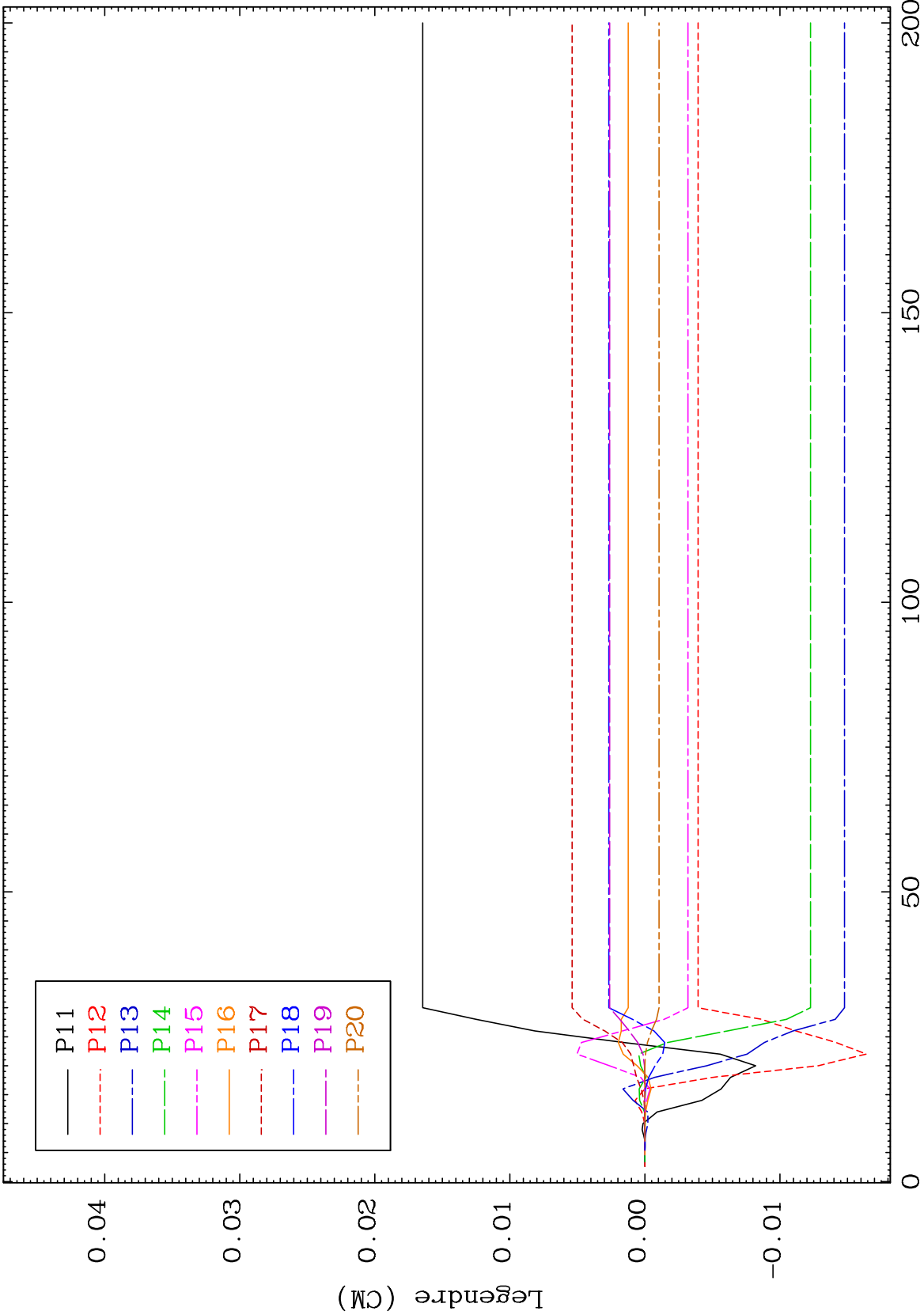
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Incident Energy (MeV)

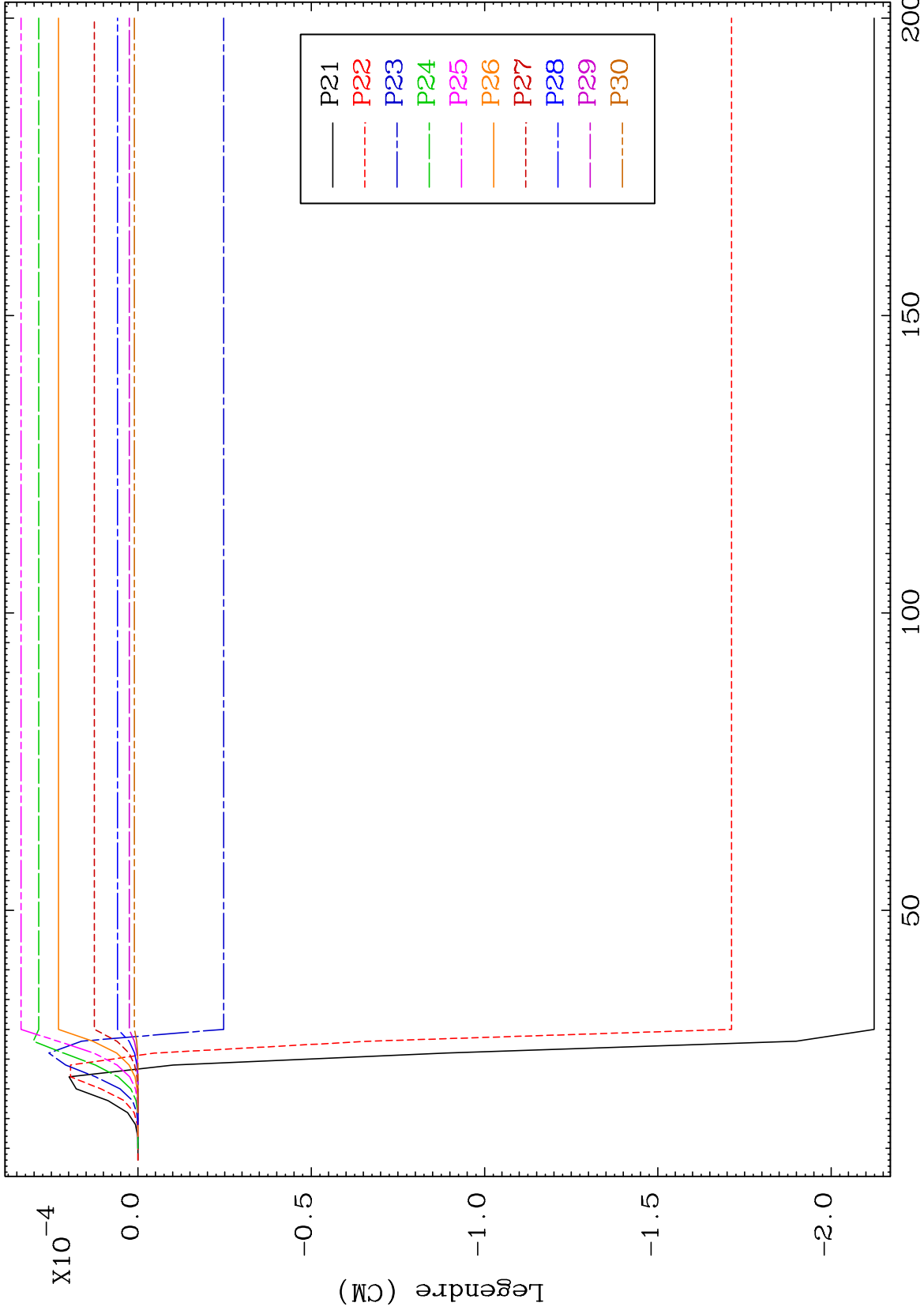
81-T1-209



MAT 8143

1.230 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



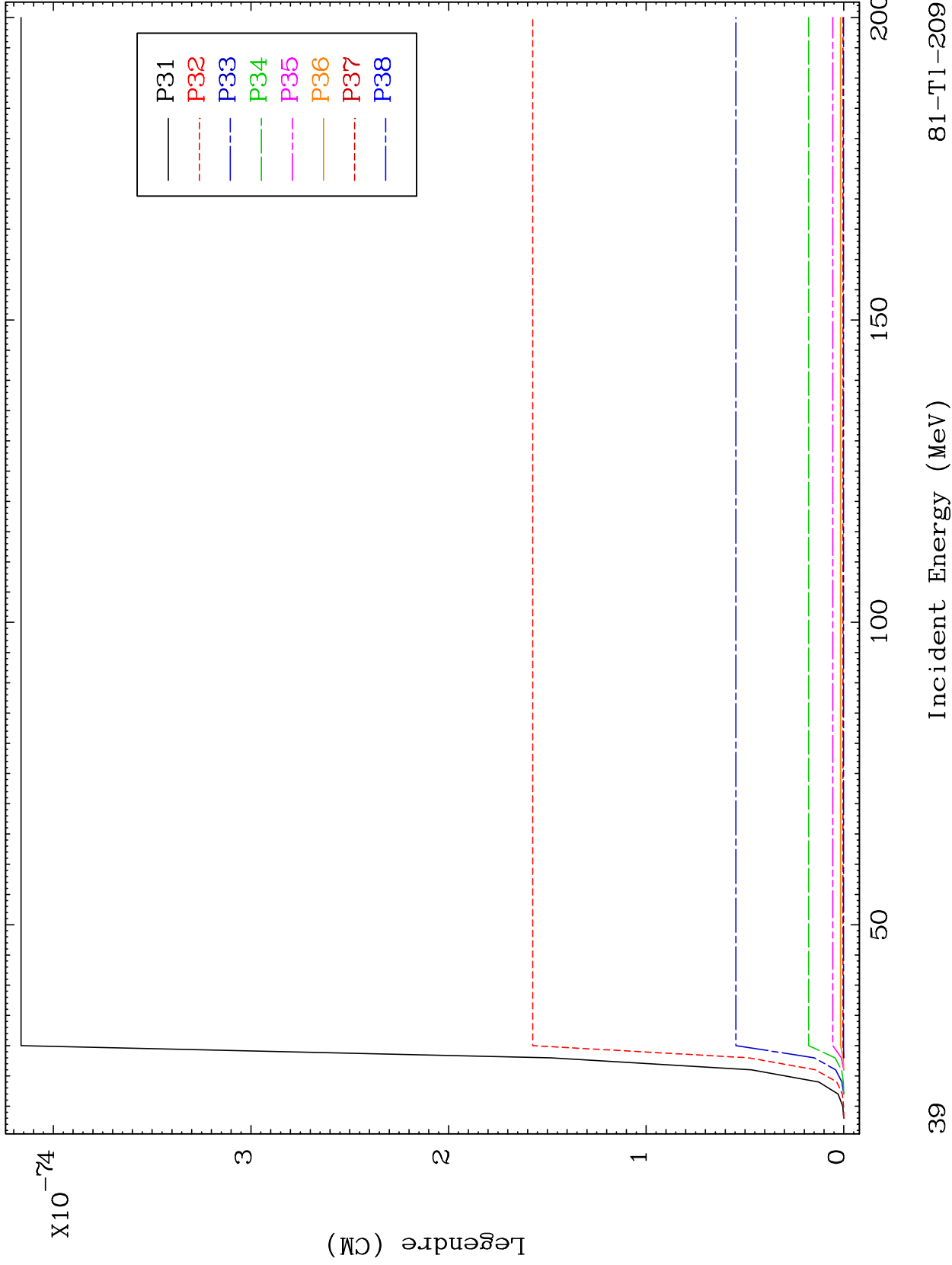
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81-T1-209

MAT 8143

1.230 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



39

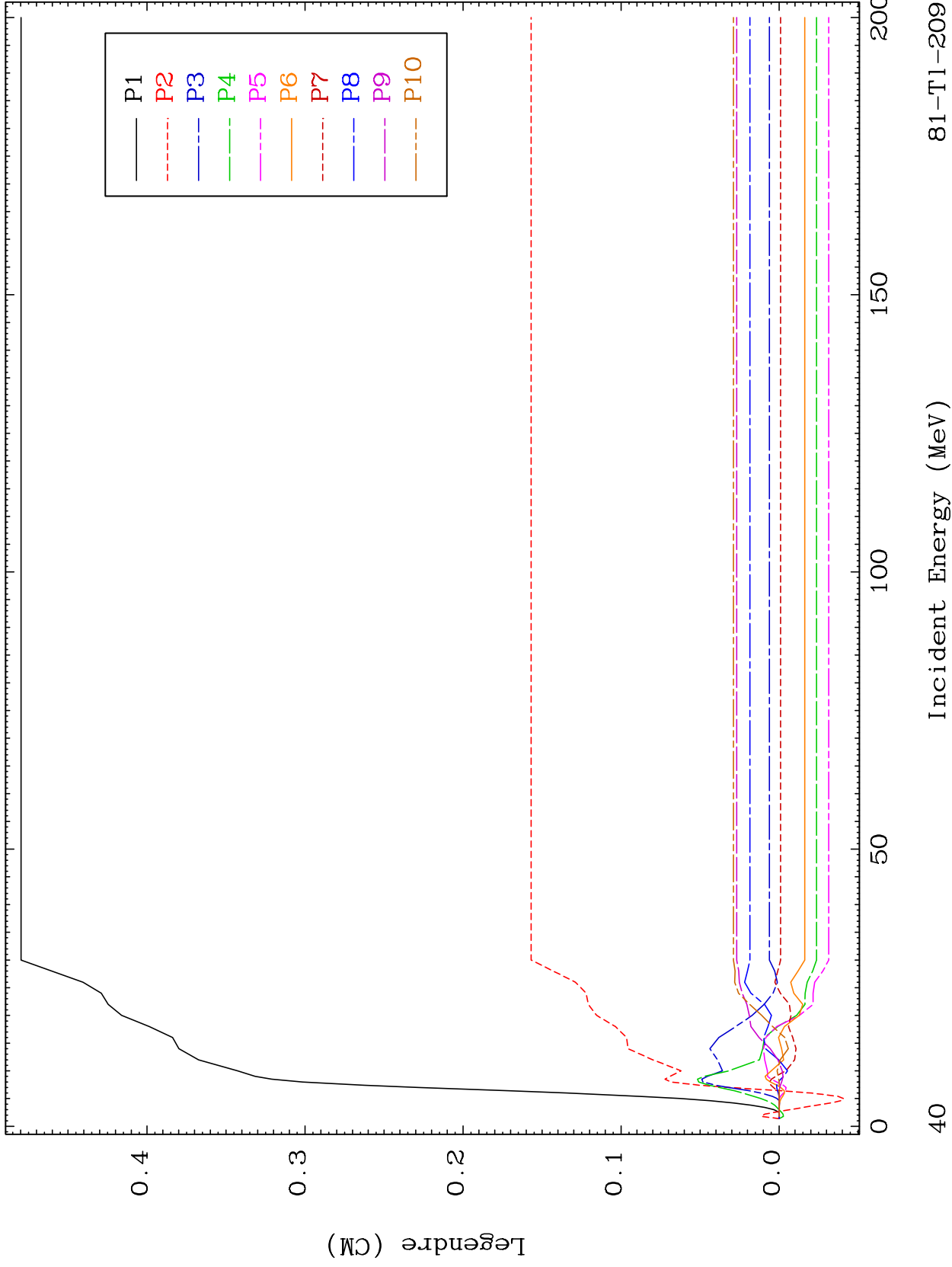
81-T1-209



MAT 8143

1.369 MeV (n,n') Level  
Legendre Coefficients

81-T1-209

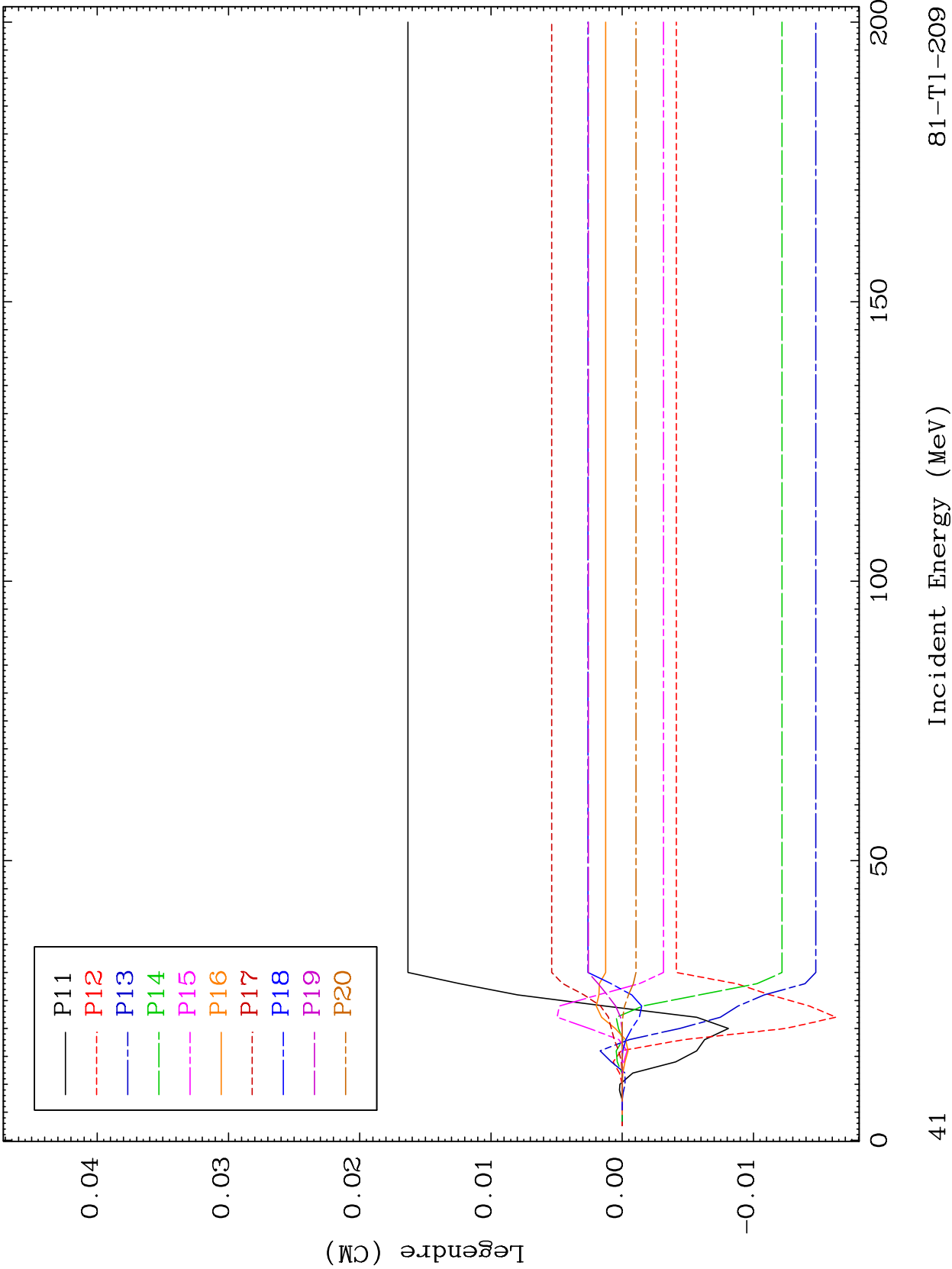


81-T1-209

MAT 8143

1.369 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



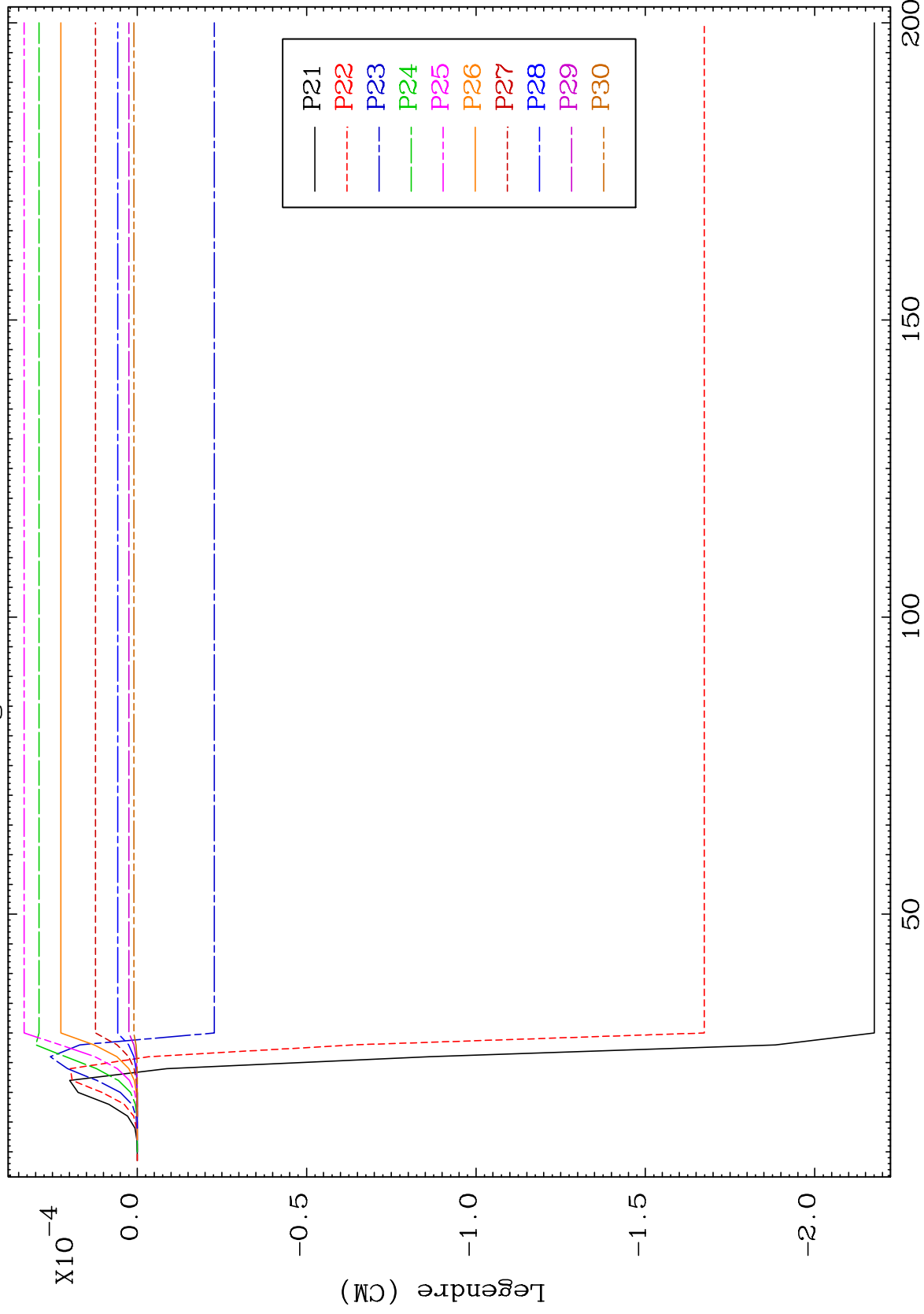
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81-T1-209

MAT 8143

1.369 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



42

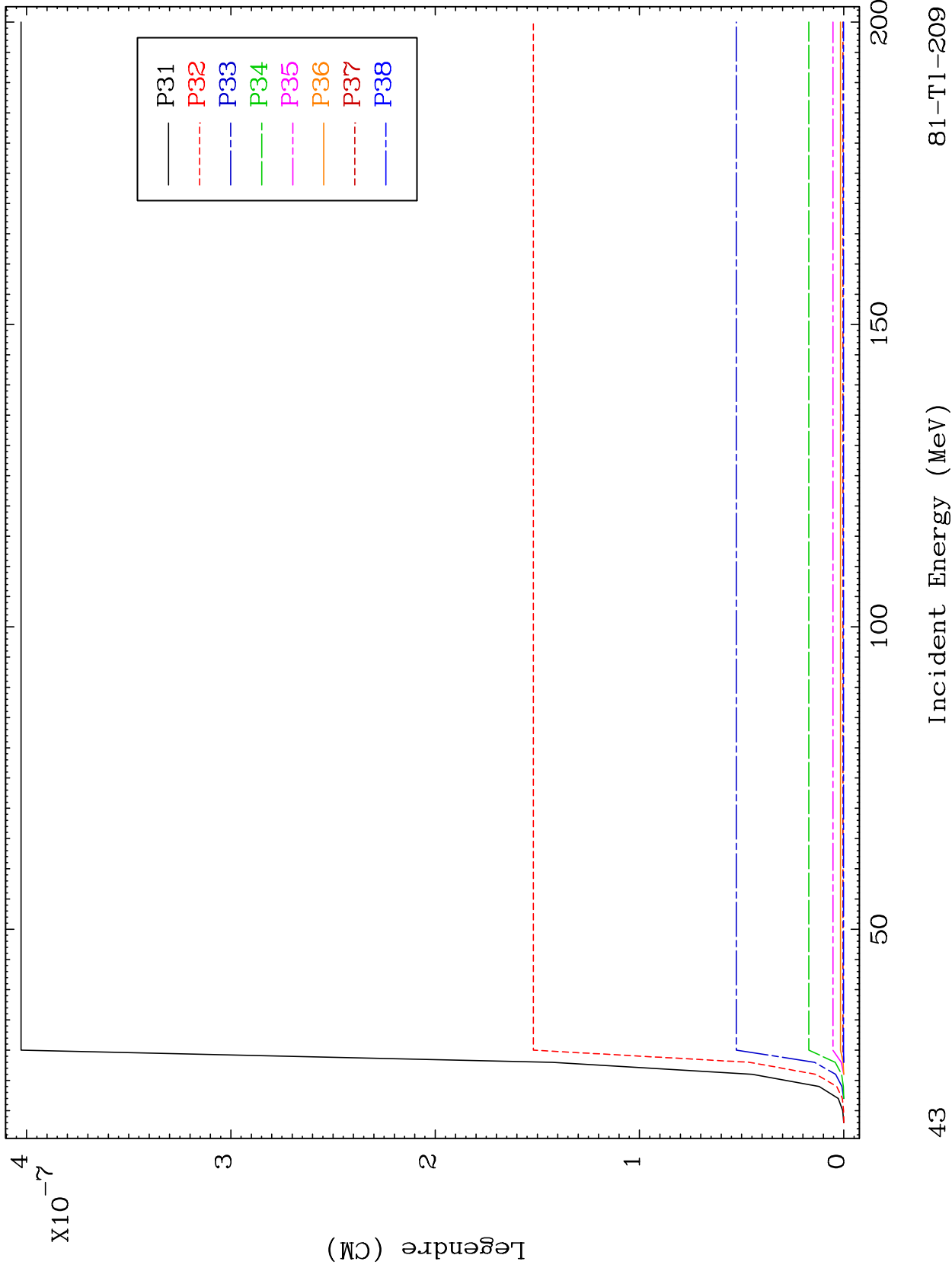
Incident Energy (MeV)

81-T1-209

MAT 8143

1.369 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



43

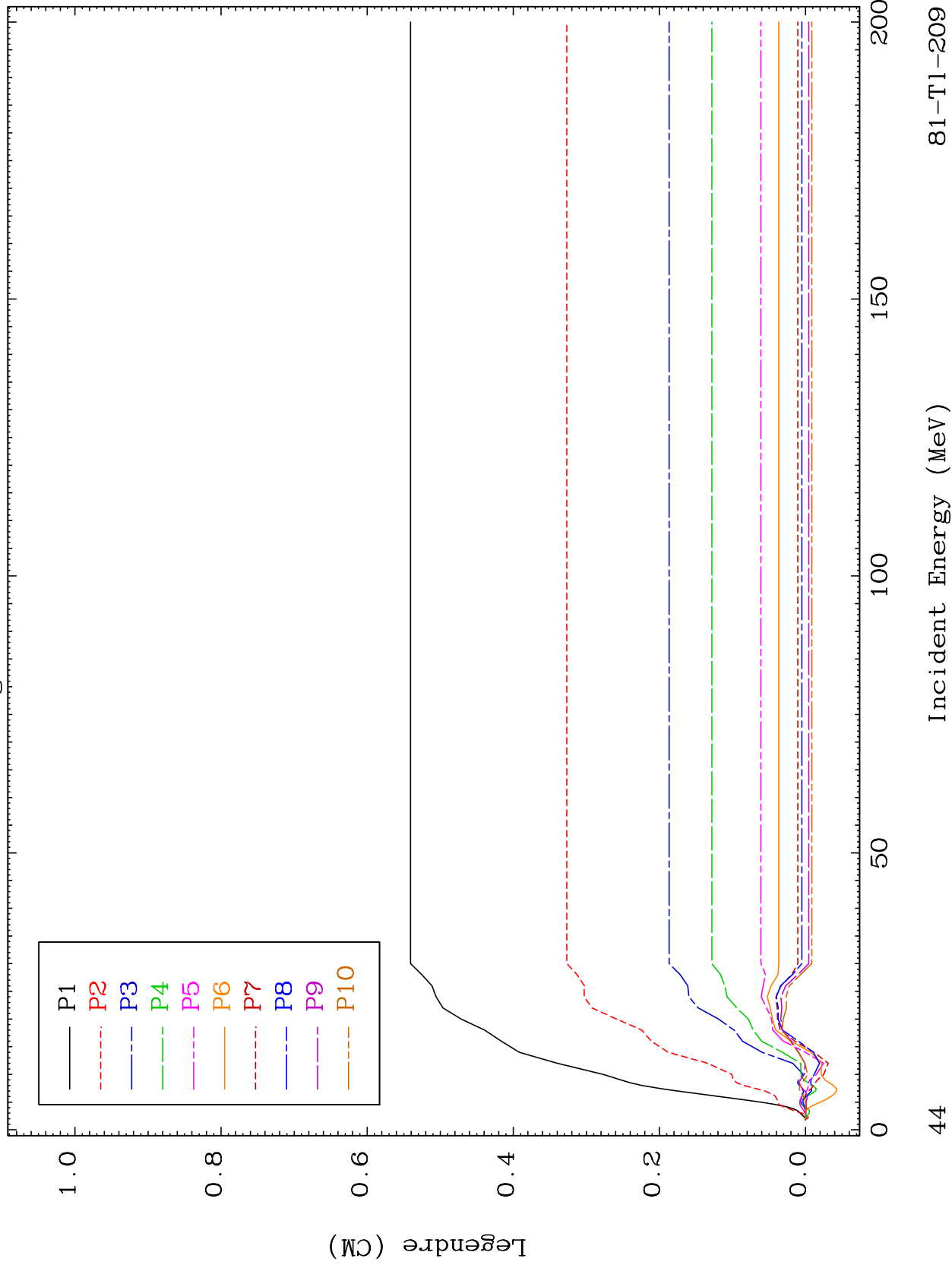
Incident Energy (MeV)

81-T1-209

MAT 8143

1.748 MeV (n,n') Level  
Legendre Coefficients

81-T1-209

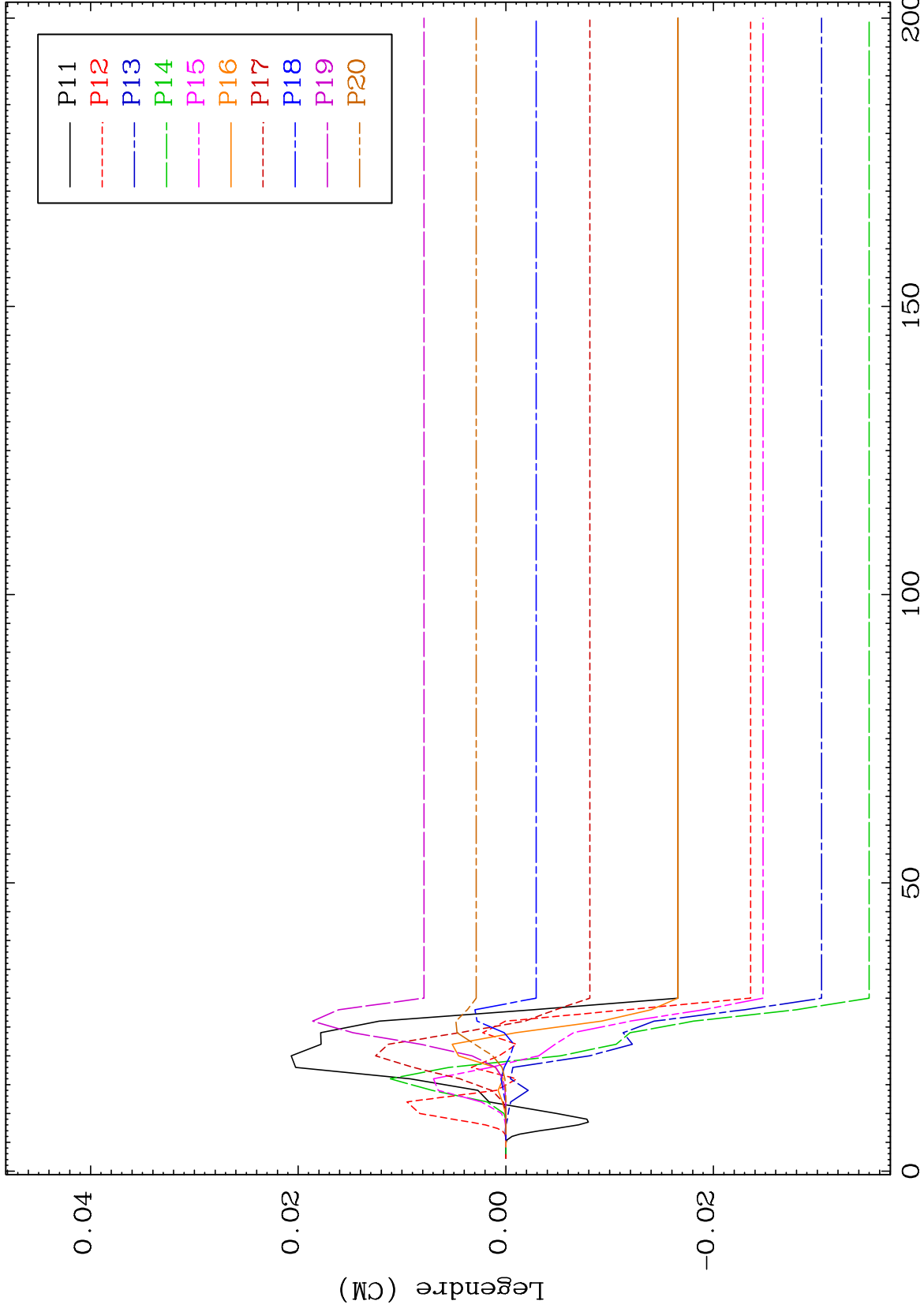


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MAT 8143

1.748 MeV (n,n') Level  
Legendre Coefficients

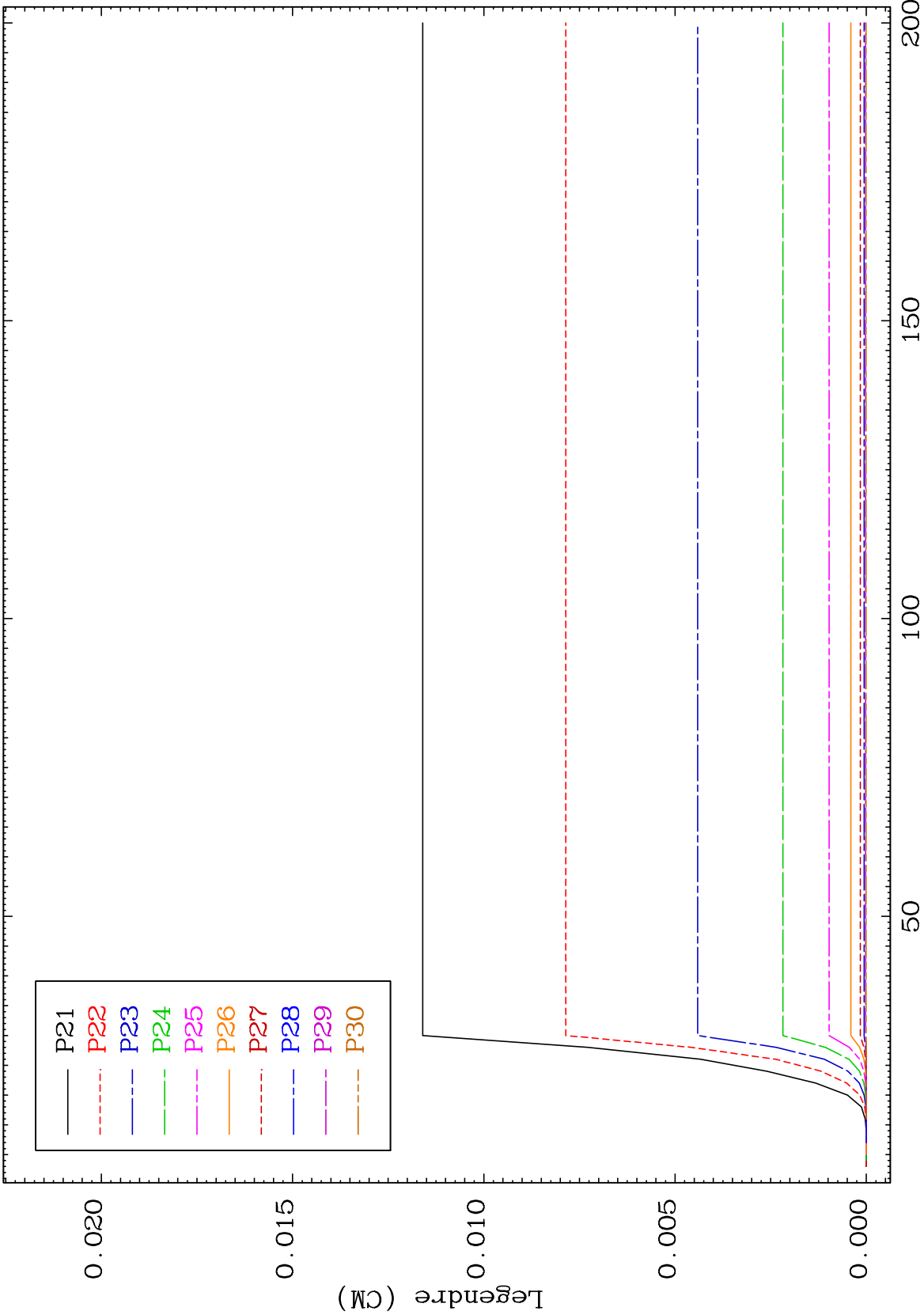
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45

Incident Energy (MeV)

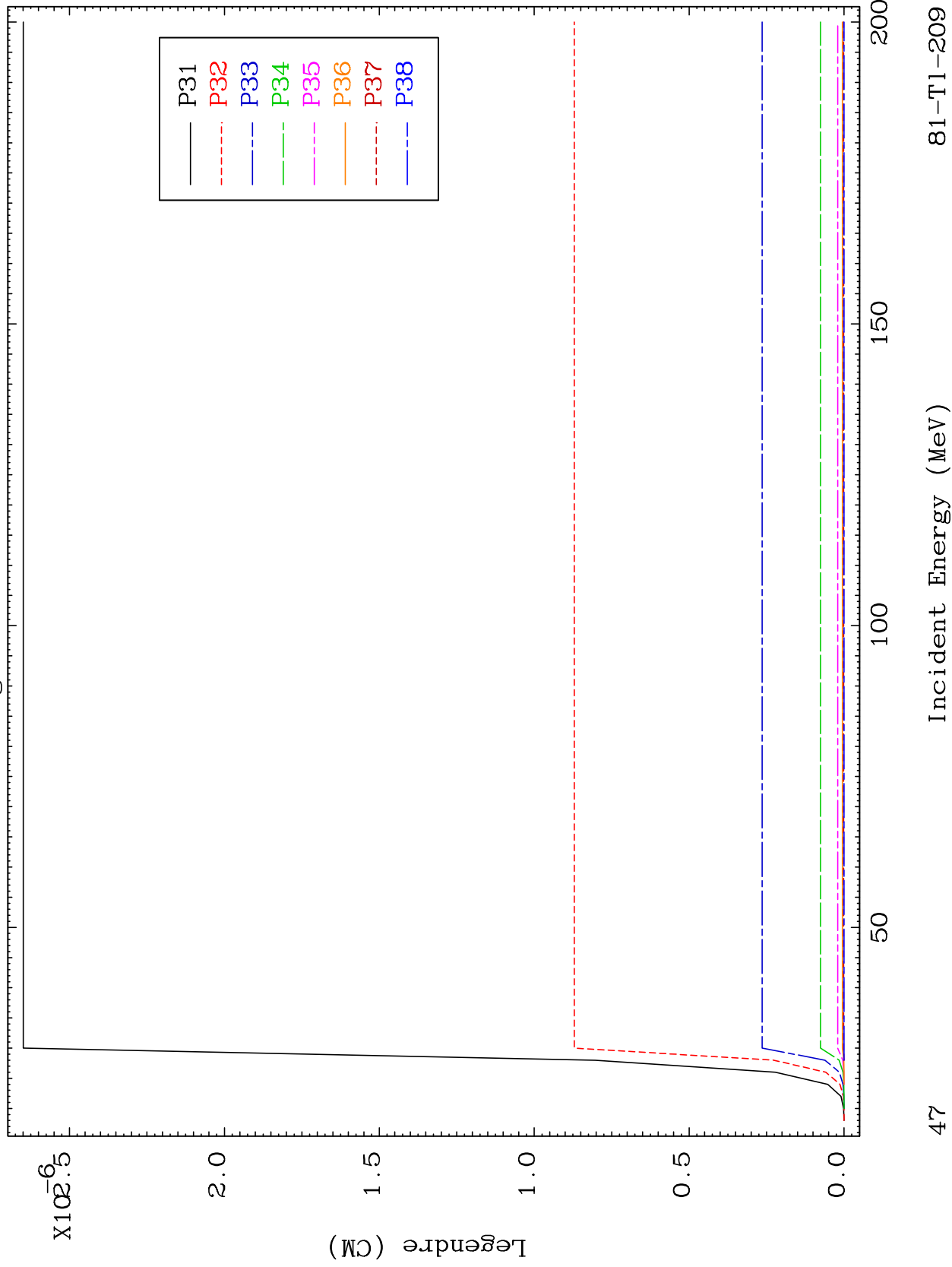
81-T1-209



MAT 8143

1.748 MeV (n, n') Level  
Legendre Coefficients

81-T1-209

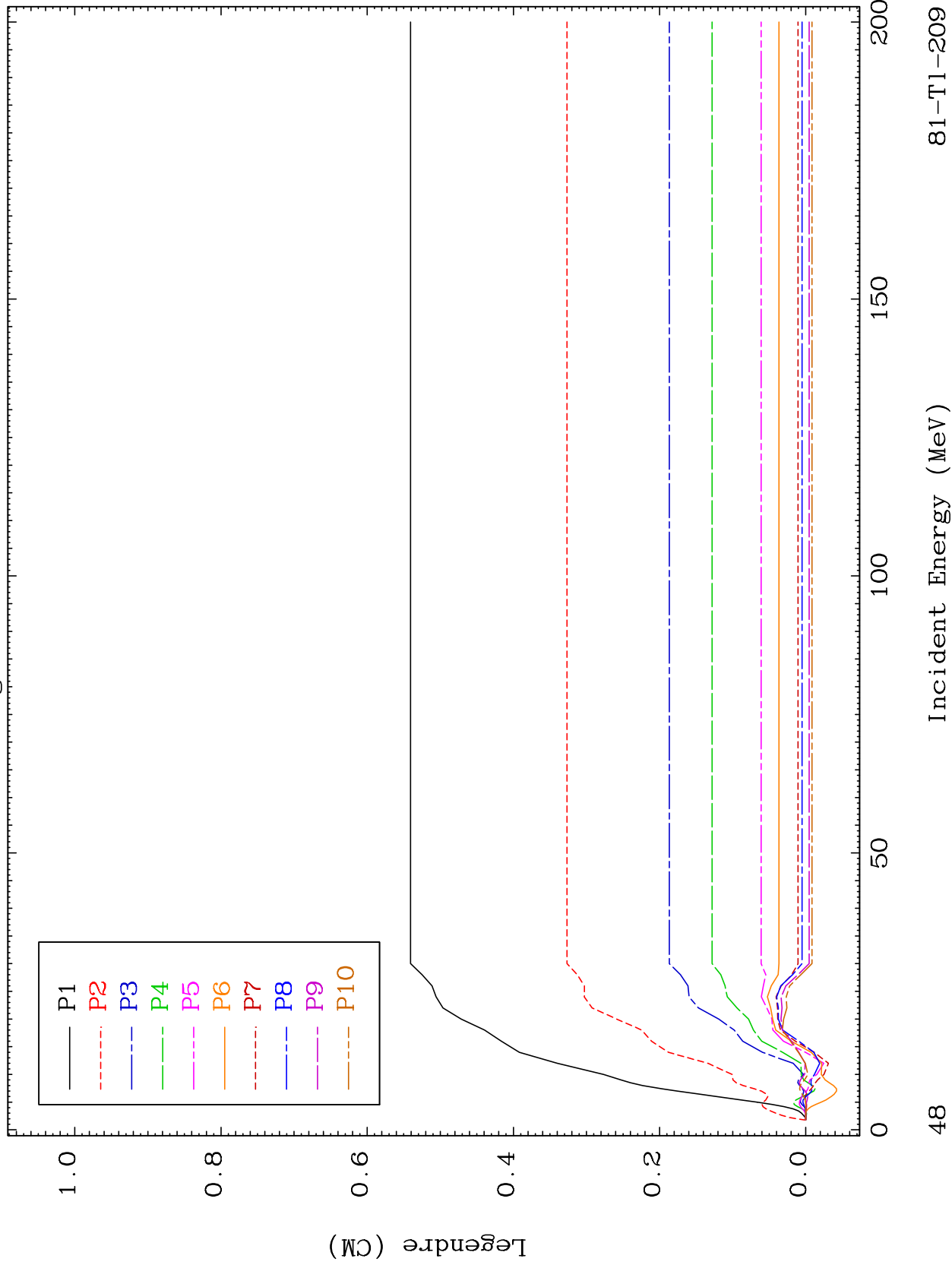




MAT 8143

1.750 MeV (n,n') Level  
Legendre Coefficients

81-T1-209

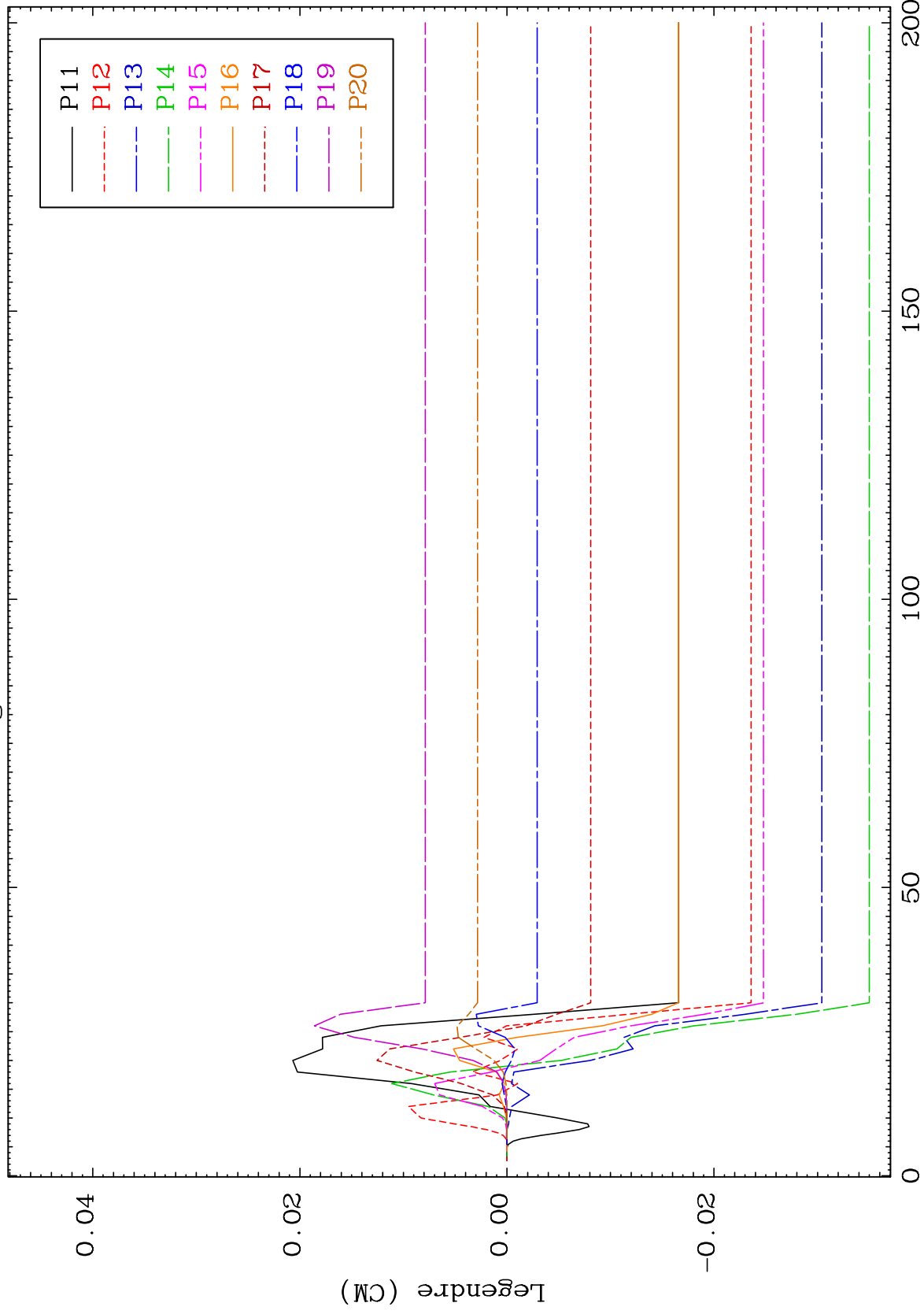


48

MAT 8143

1.750 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



49

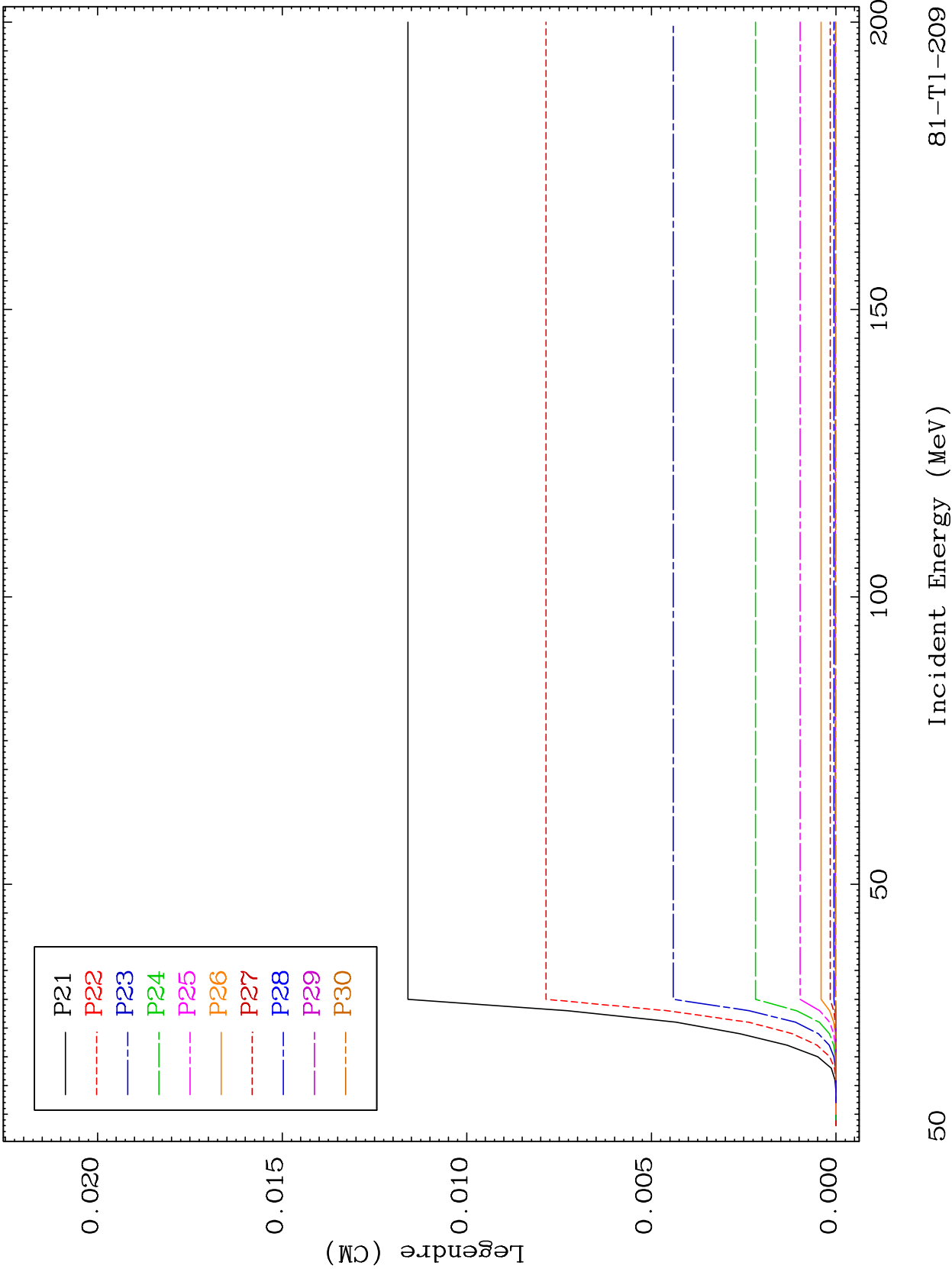
Incident Energy (MeV)

81-T1-209

MAT 8143

1.750 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



81-T1-209

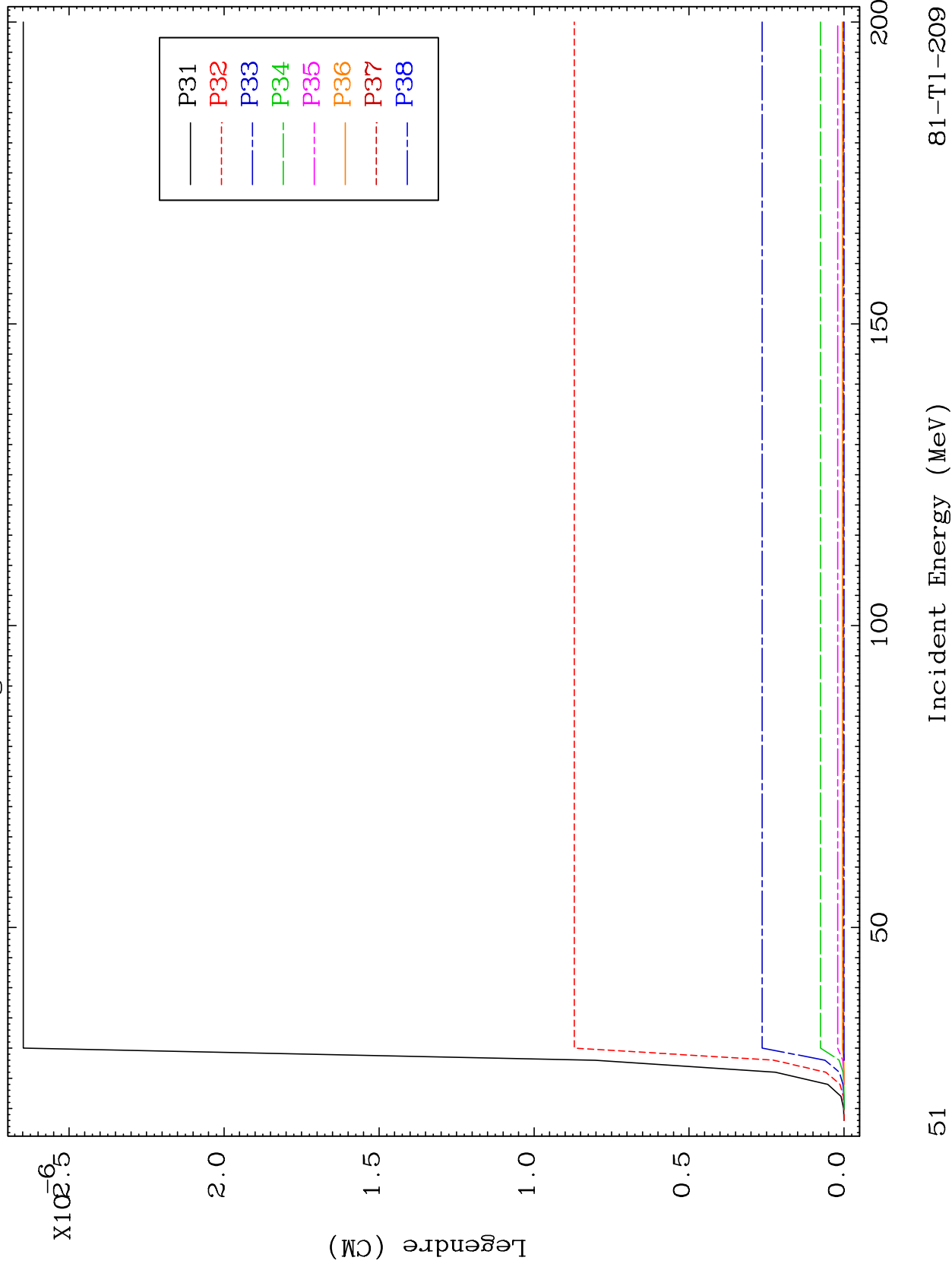
Incident Energy (MeV)

50

MAT 8143

1.750 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



51

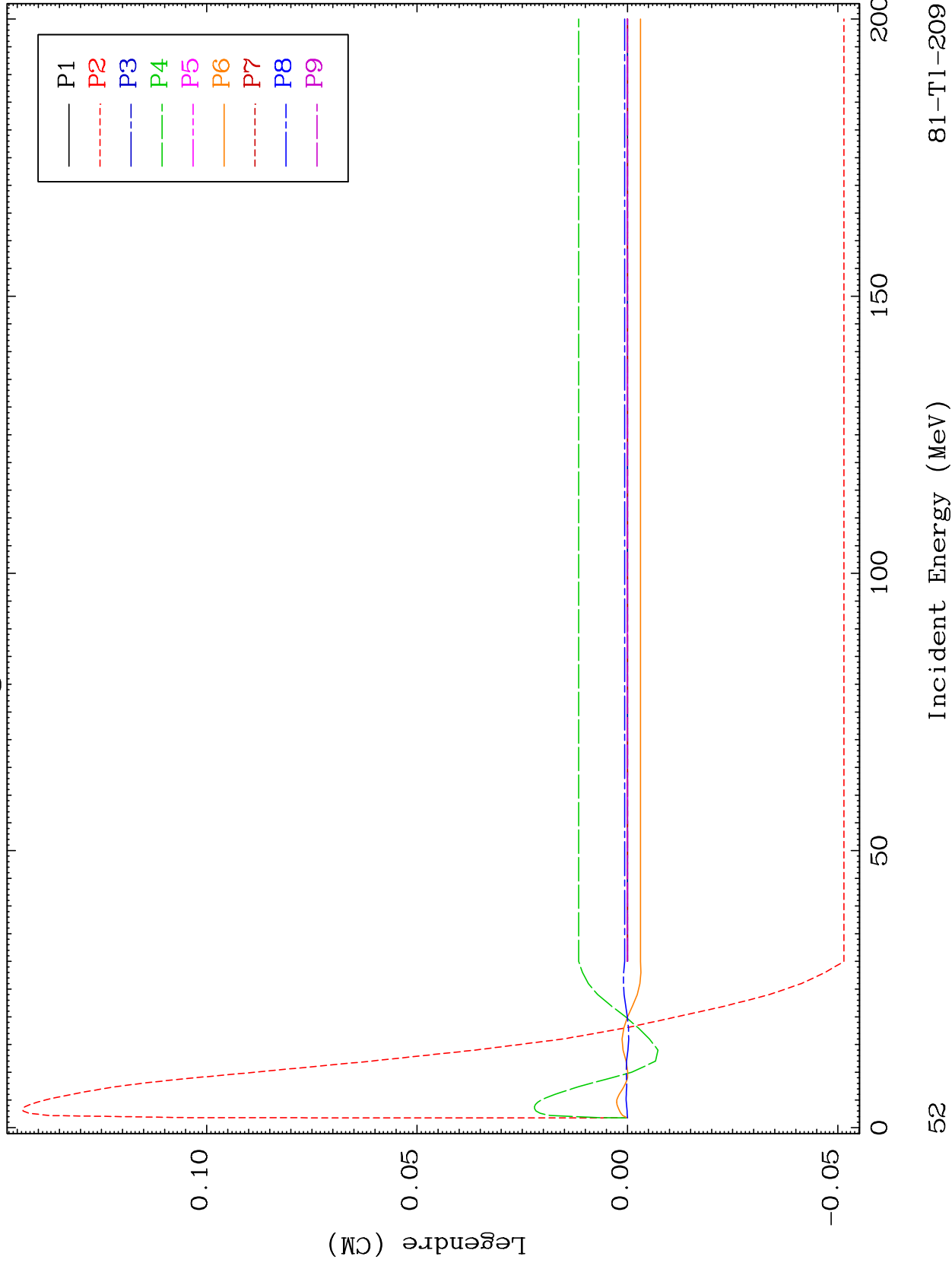
Incident Energy (MeV)

81-T1-209

MAT 8143

1.751 MeV (n,n') Level  
Legendre Coefficients

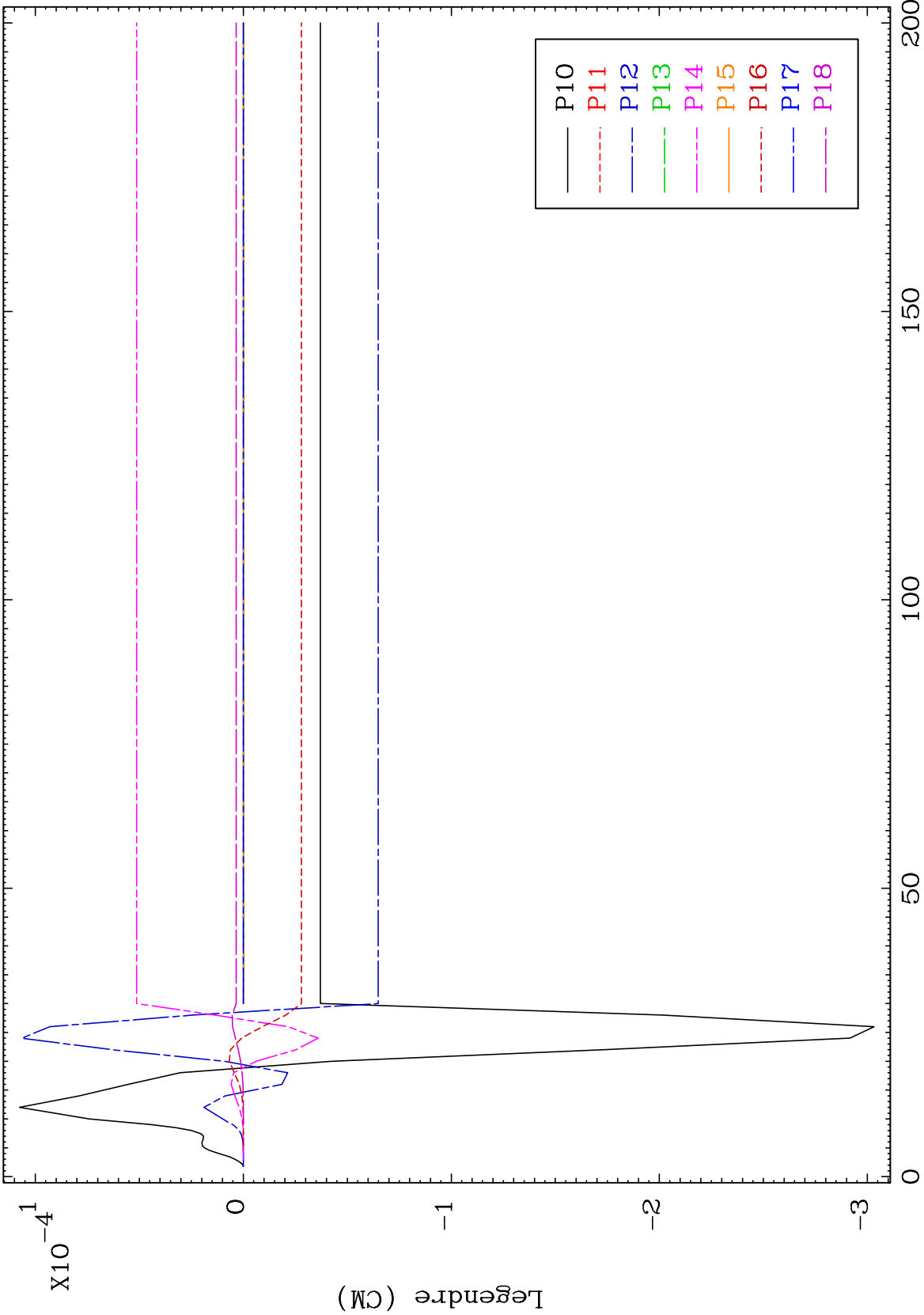
81-T1-209



MAT 8143

1.751 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



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Incident Energy (MeV)

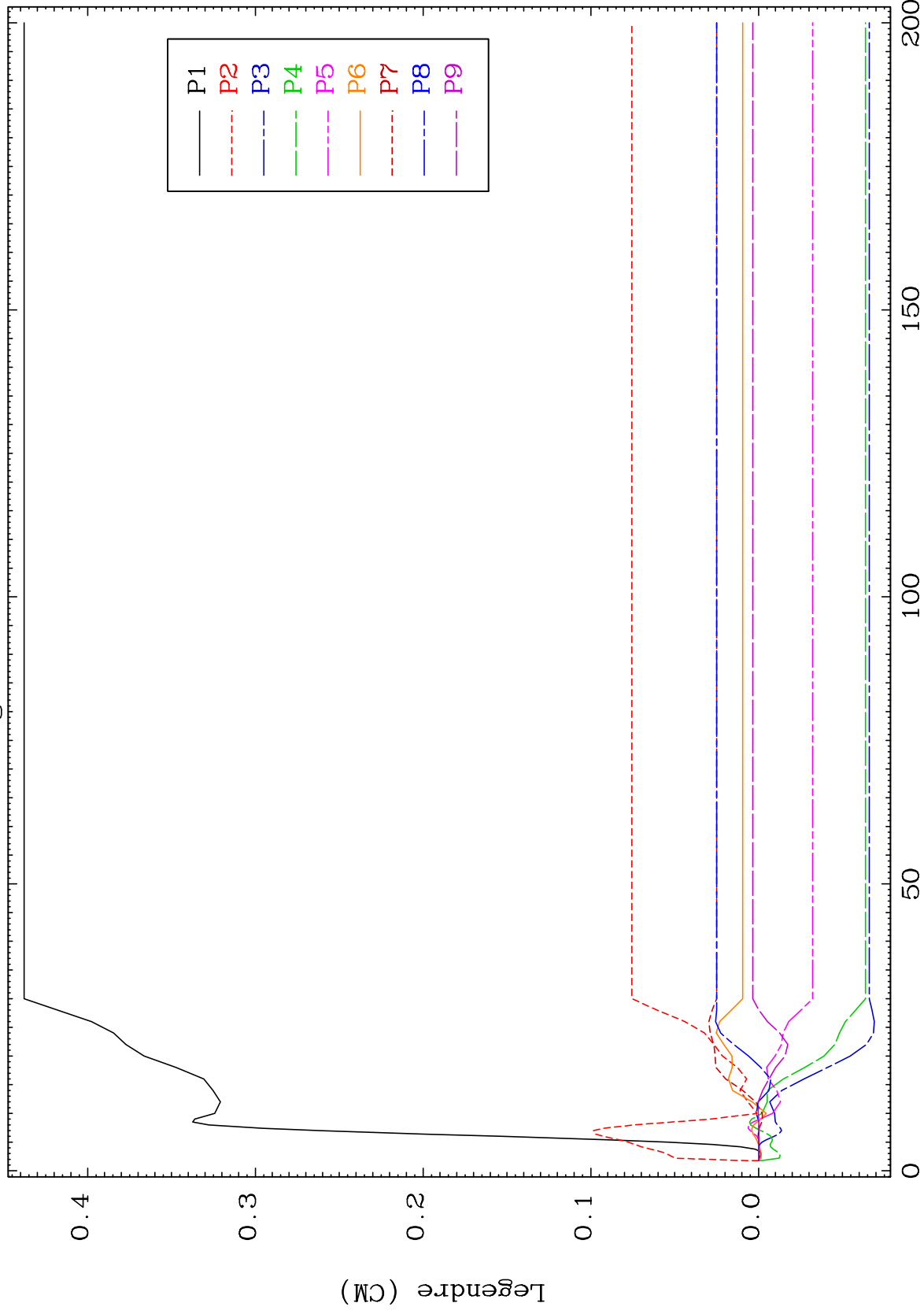
81-T1-209



MAT 8143

1.752 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



55

Incident Energy (MeV)

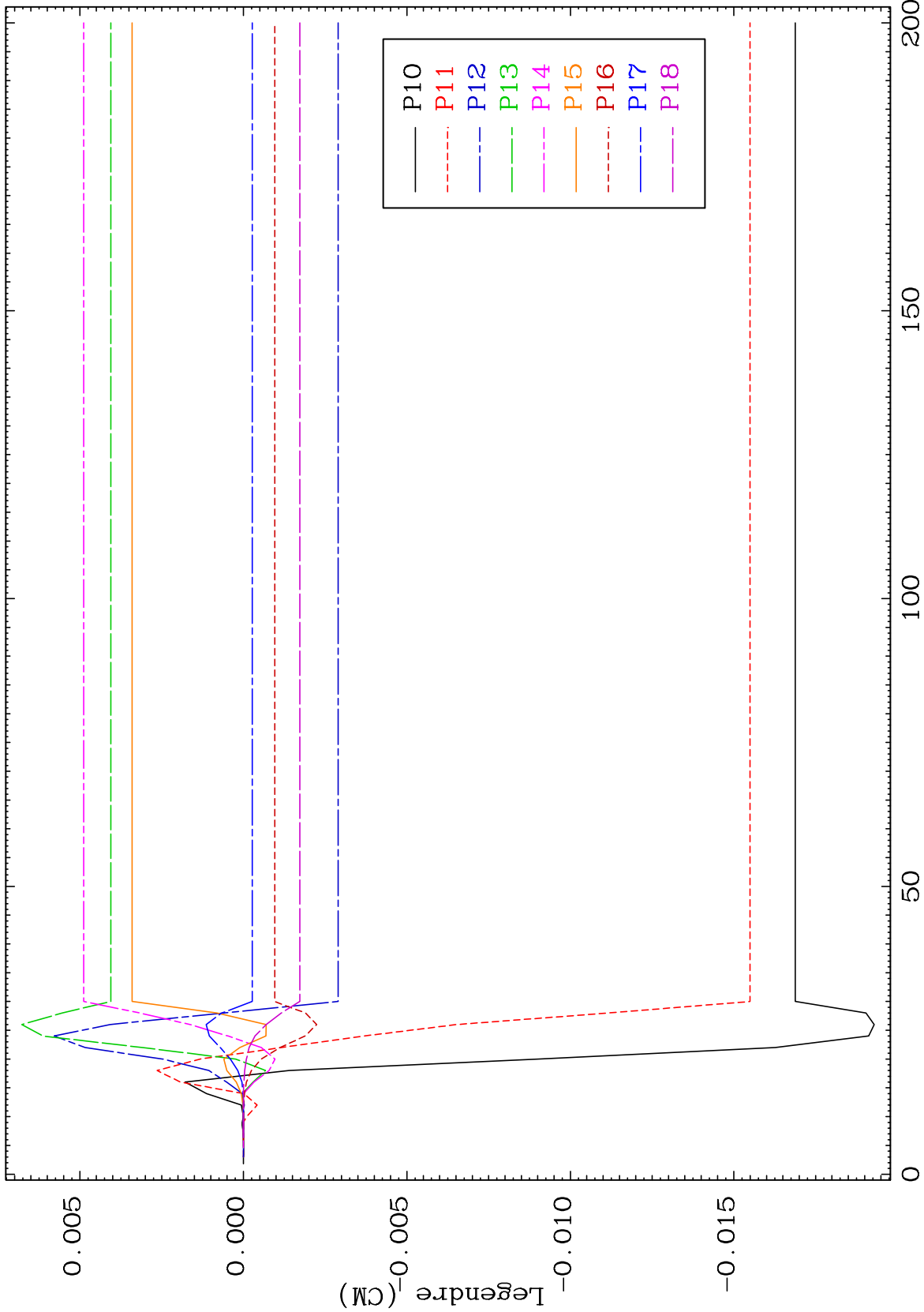
81-T1-209



MAT 8143

1.752 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



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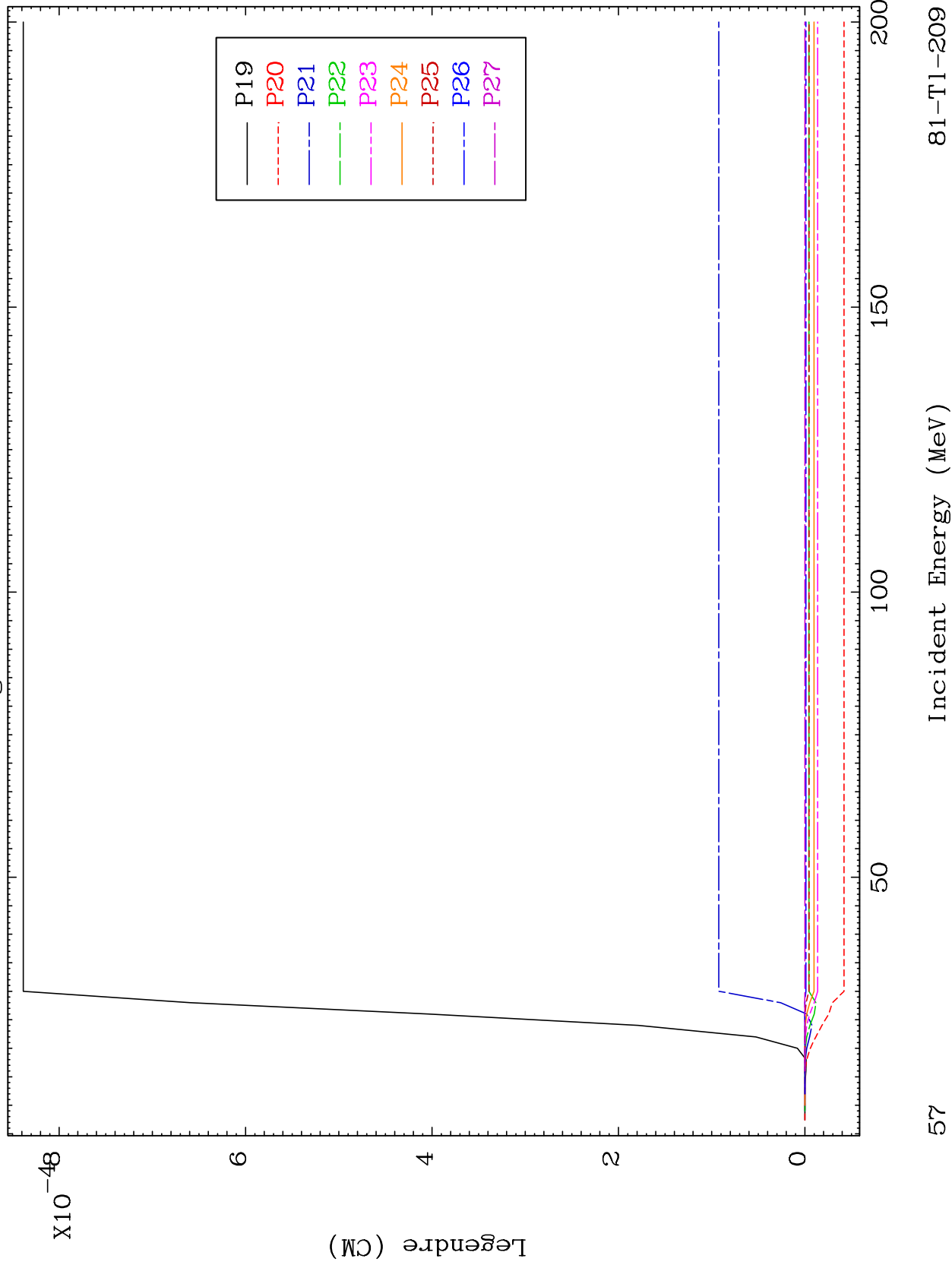
Incident Energy (MeV)

81-T1-209

MAT 8143

1.752 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



57

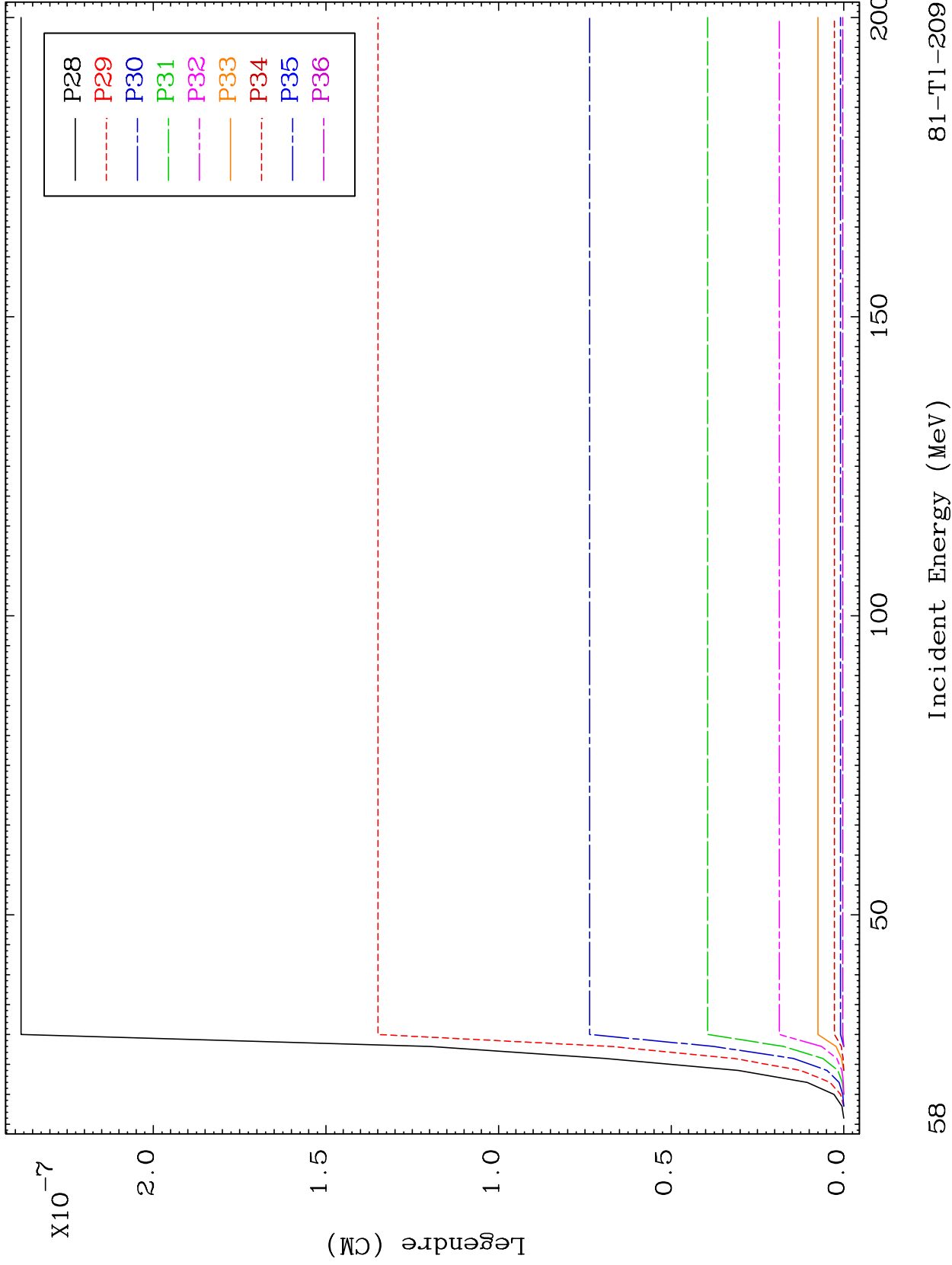
Incident Energy (MeV)

81-T1-209

MAT 8143

1.752 MeV (n,n') Level  
Legendre Coefficients

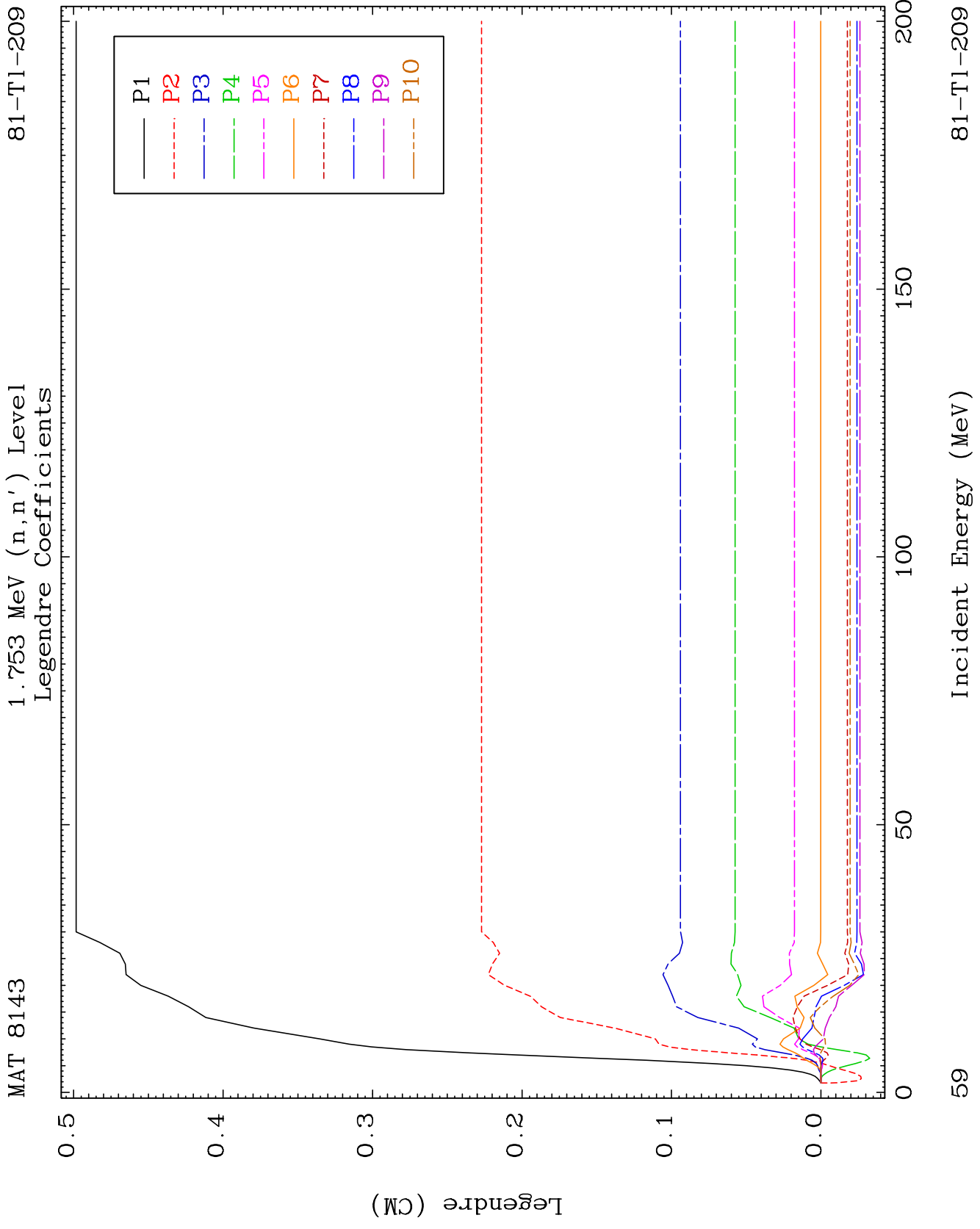
81-T1-209



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Incident Energy (MeV)

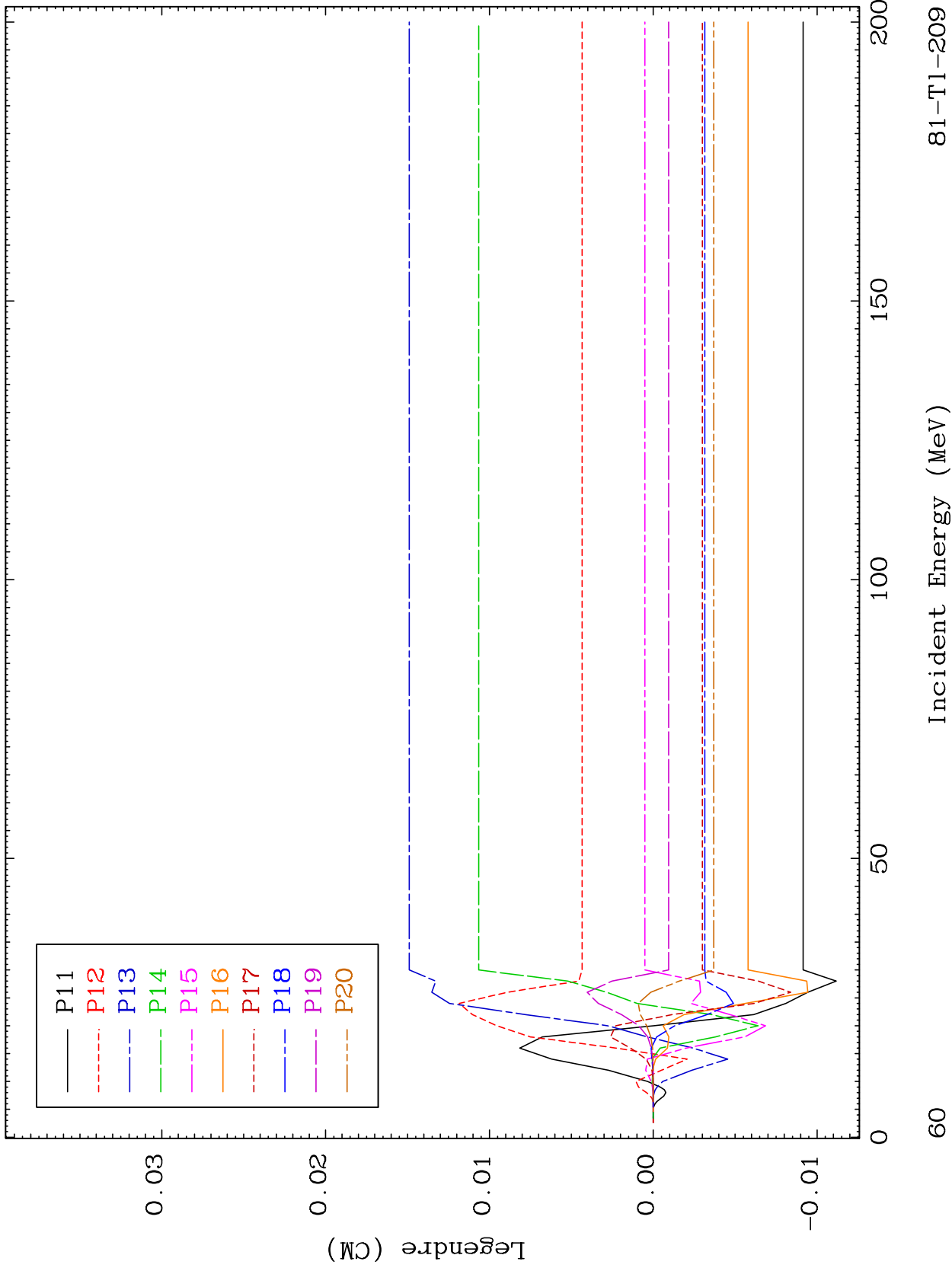
81-T1-209



MAT 8143

1.753 MeV (n,n') Level  
Legendre Coefficients

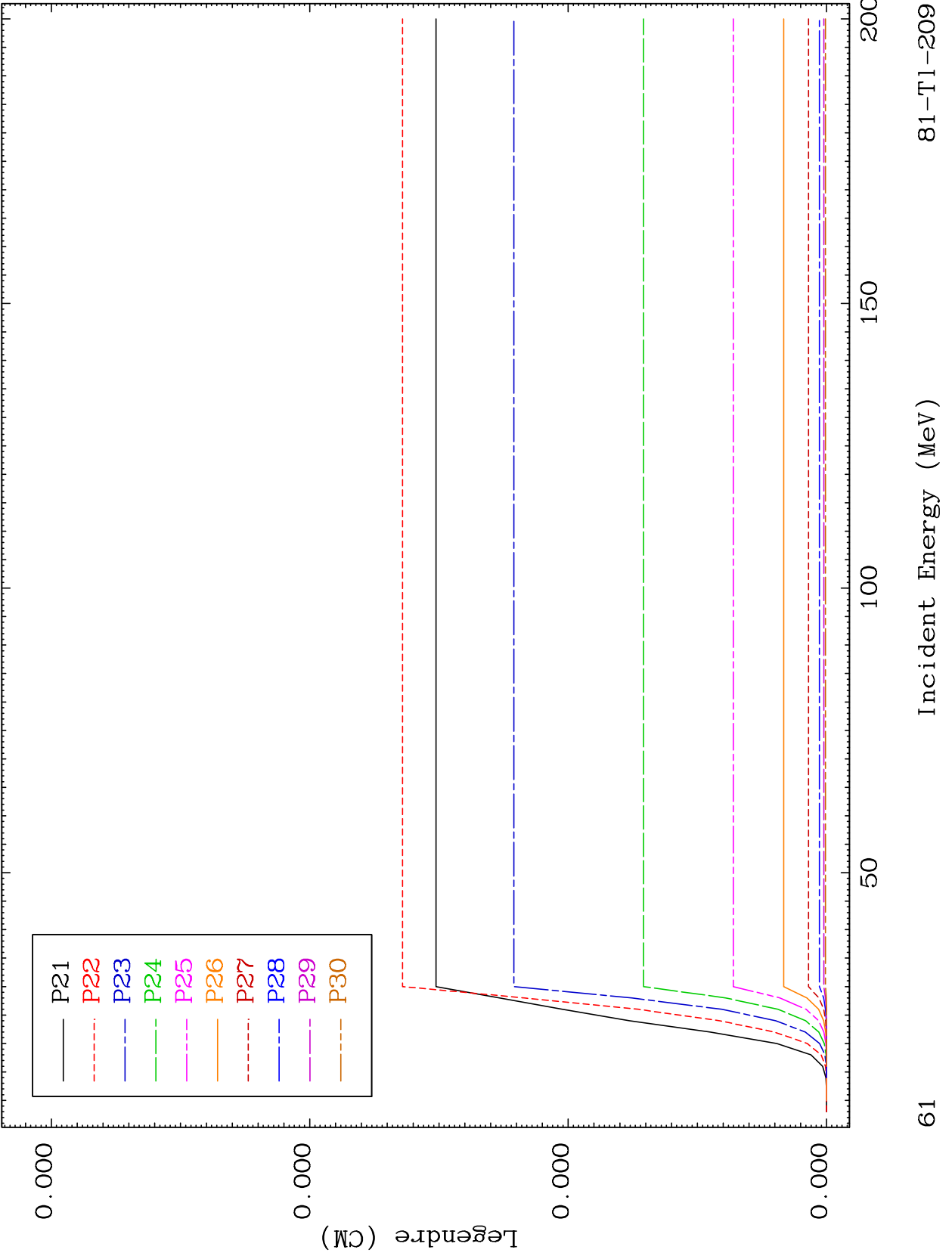
81-T1-209



81-T1-209

Incident Energy (MeV)

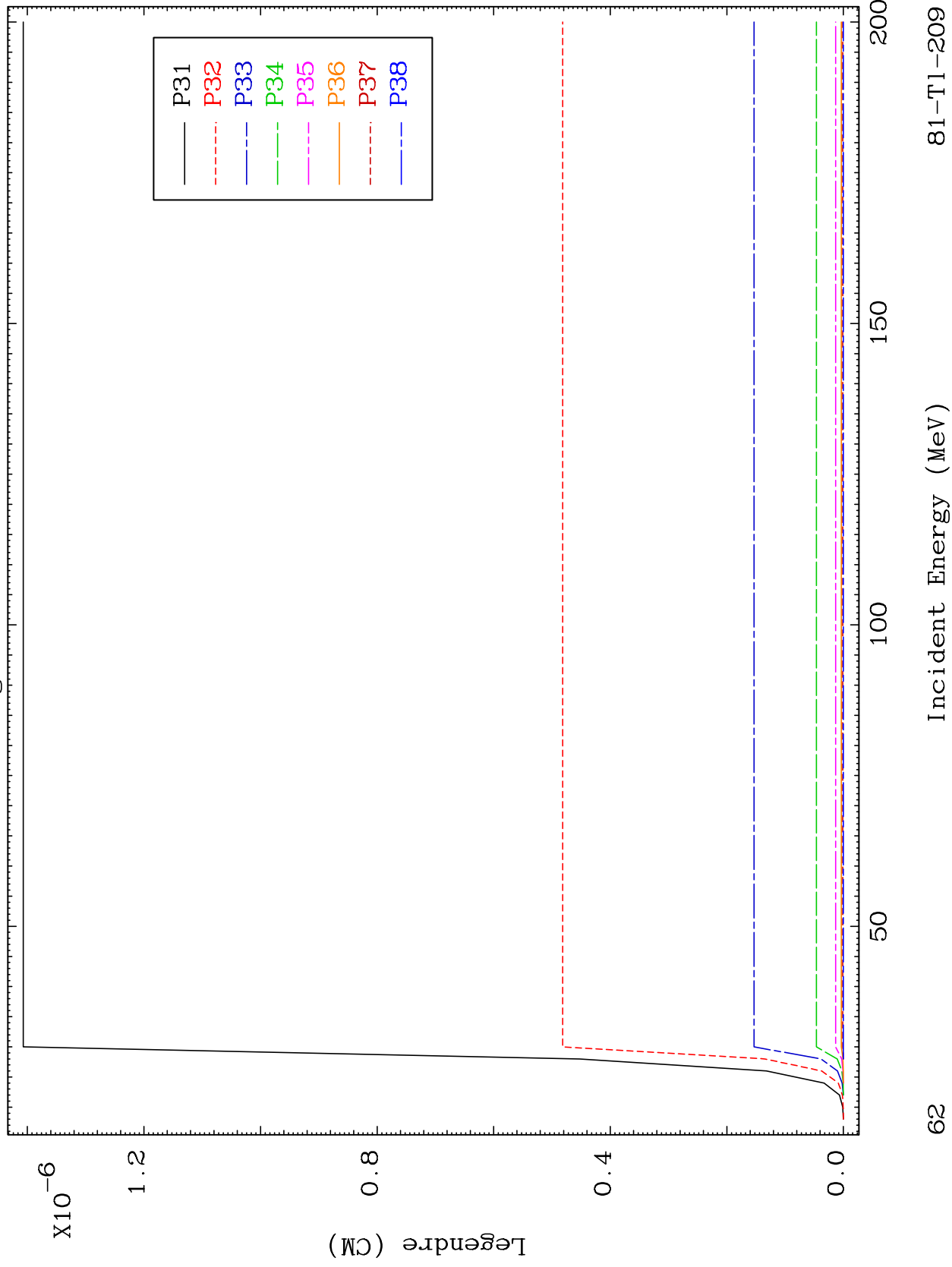
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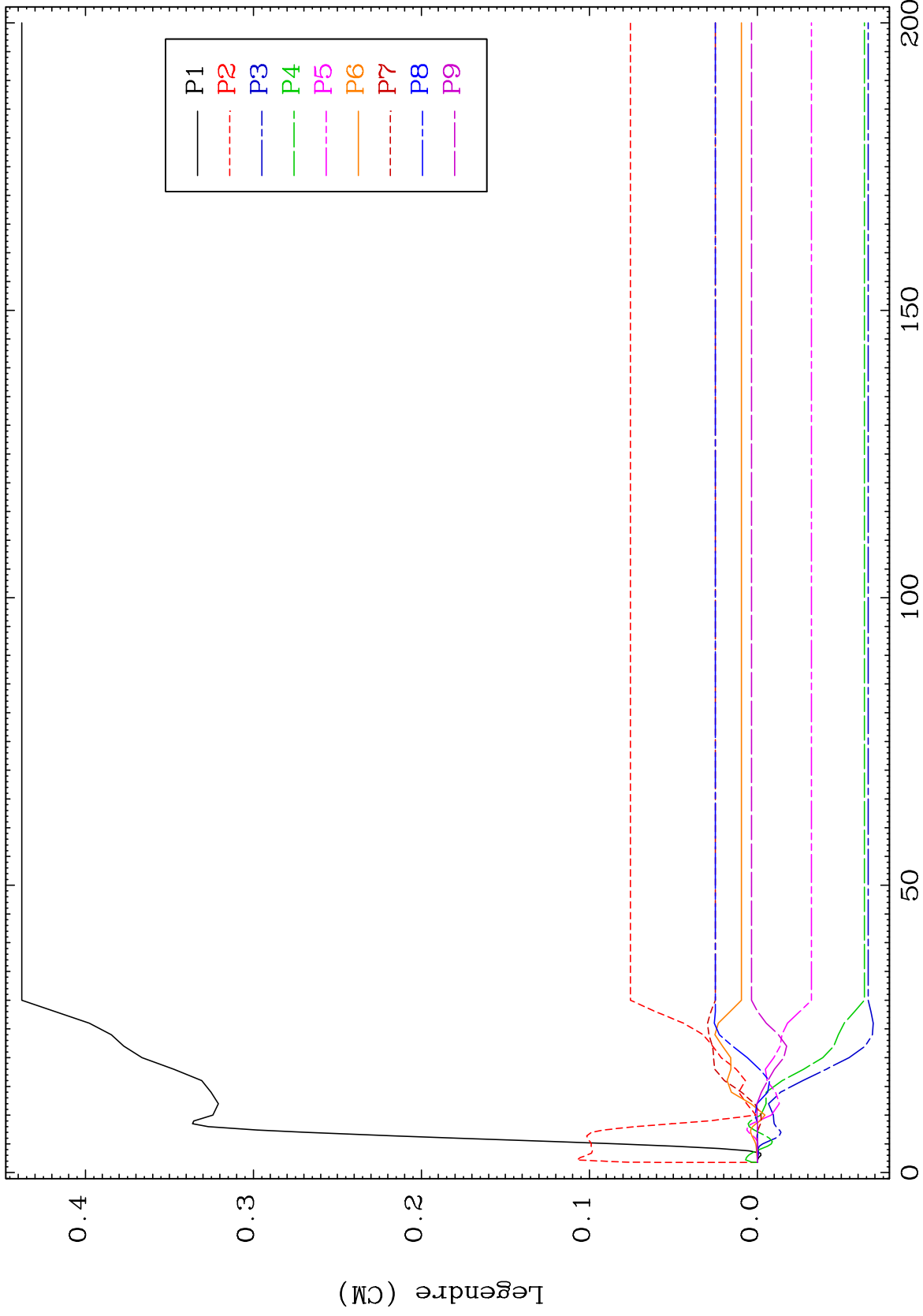
MAT 8143

1.753 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



62

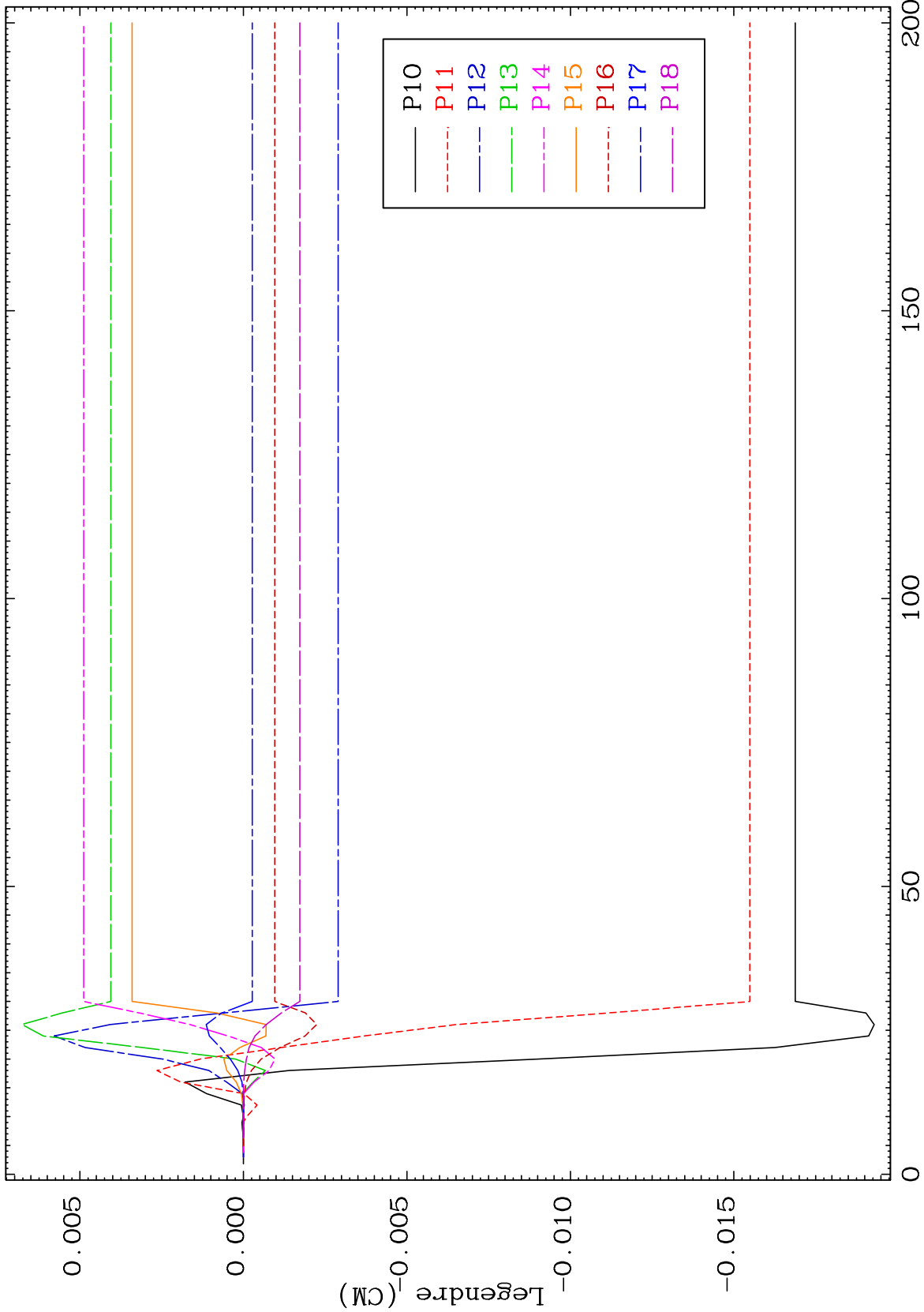




MAT 8143

1.754 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



64

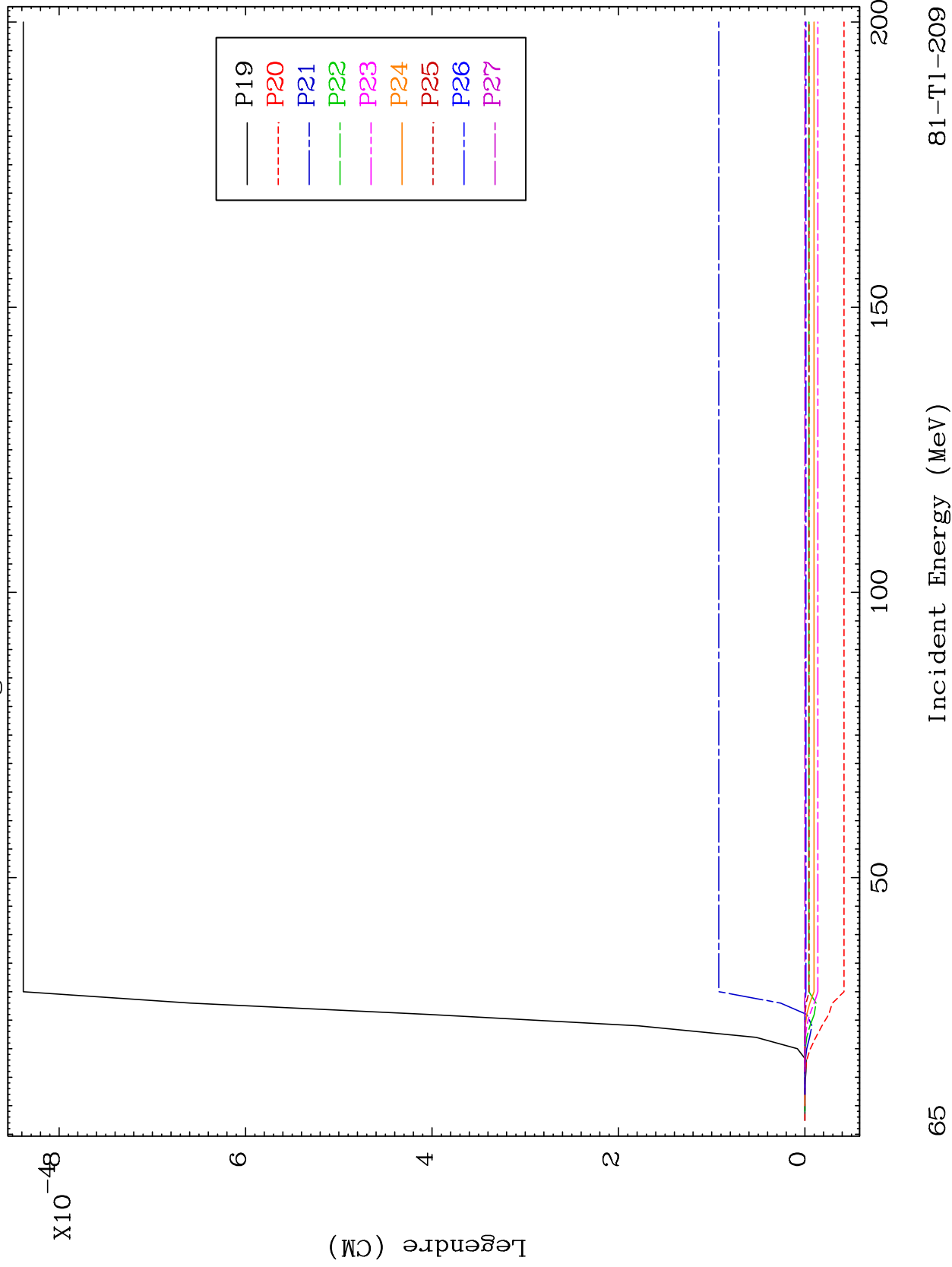
Incident Energy (MeV)

81-T1-209

MAT 8143

1.754 MeV (n,n') Level  
Legendre Coefficients

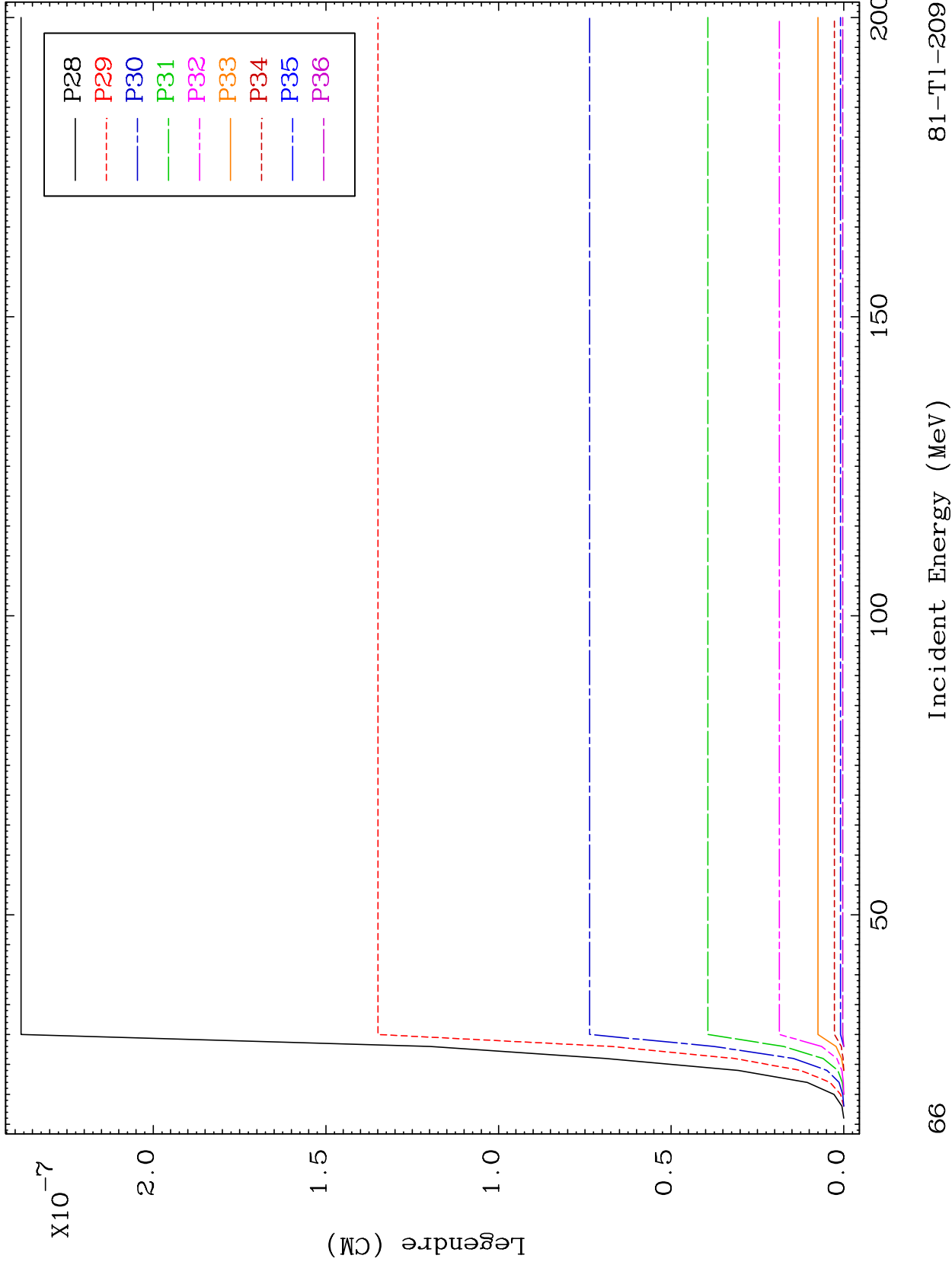
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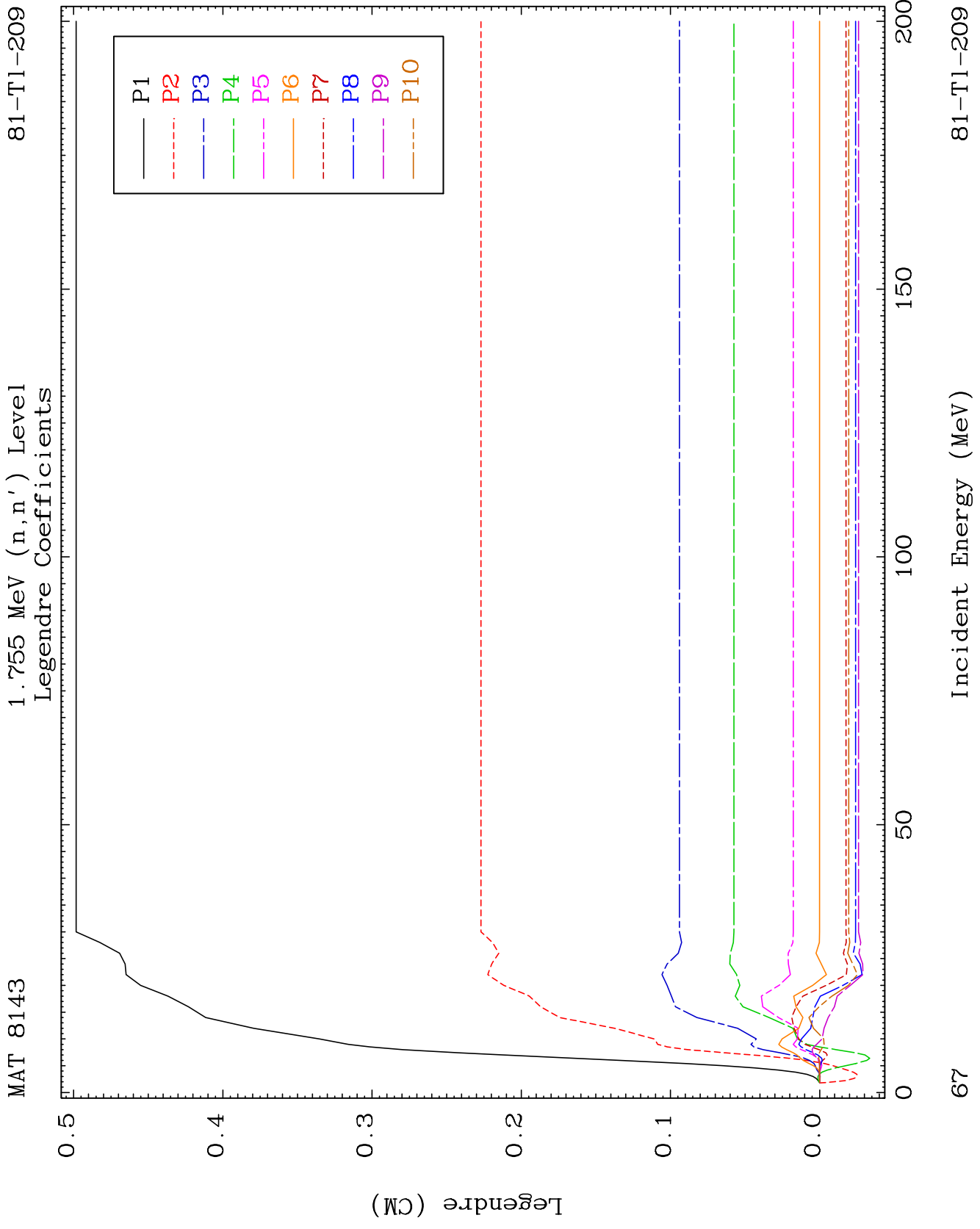


65

Incident Energy (MeV)

81-T1-209

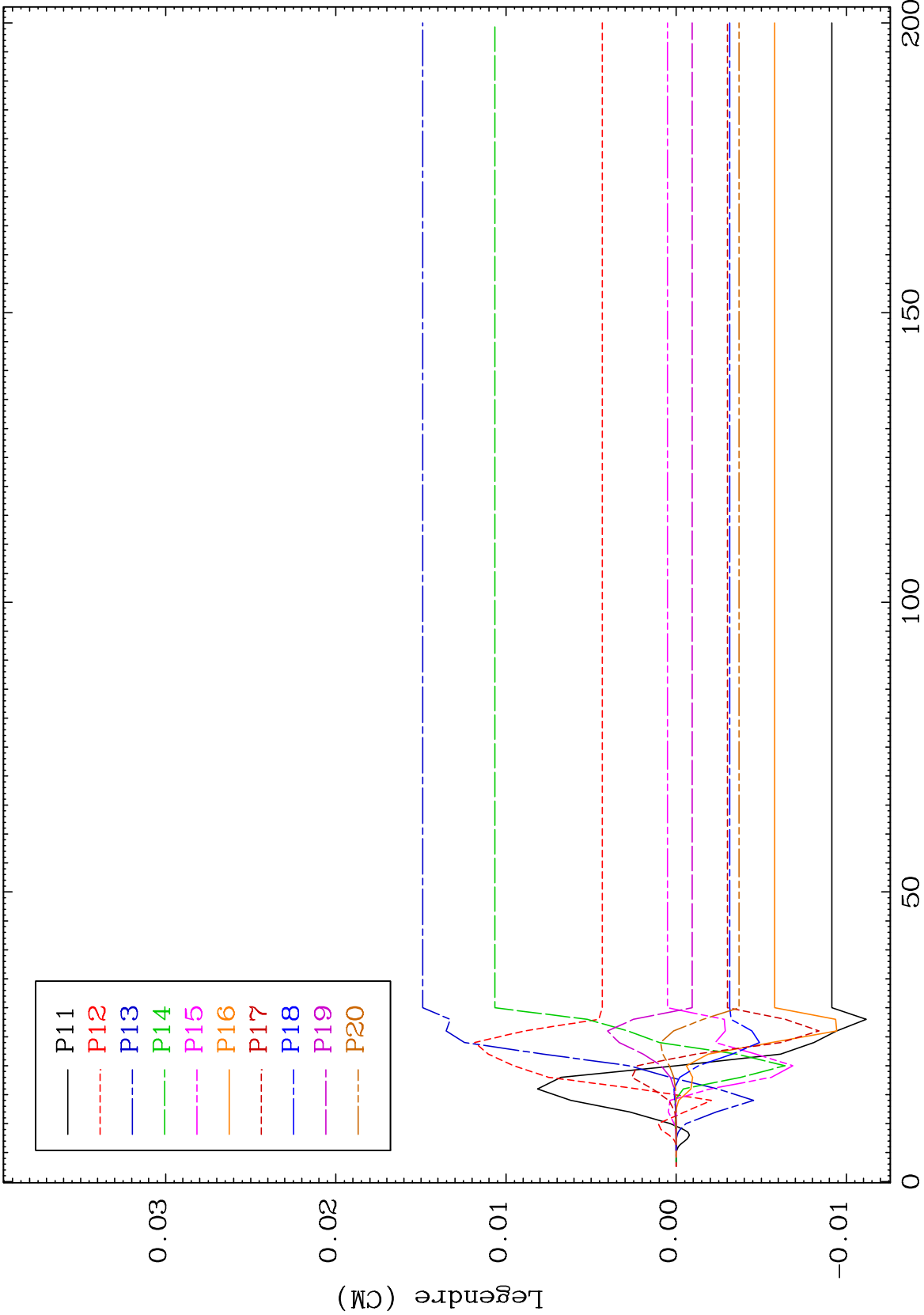




MAT 8143

1.755 MeV (n,n') Level  
Legendre Coefficients

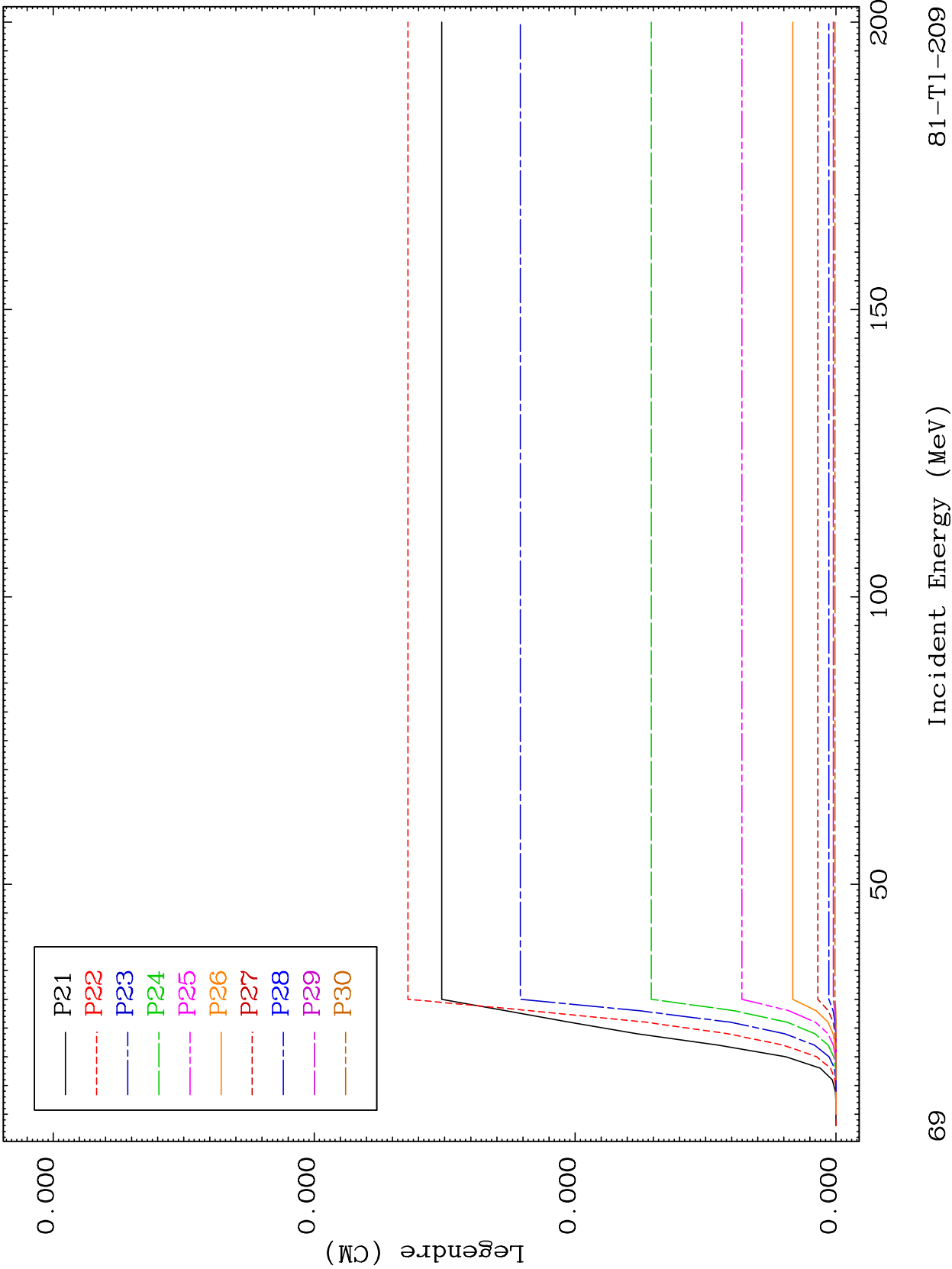
81-T1-209



68

Incident Energy (MeV)

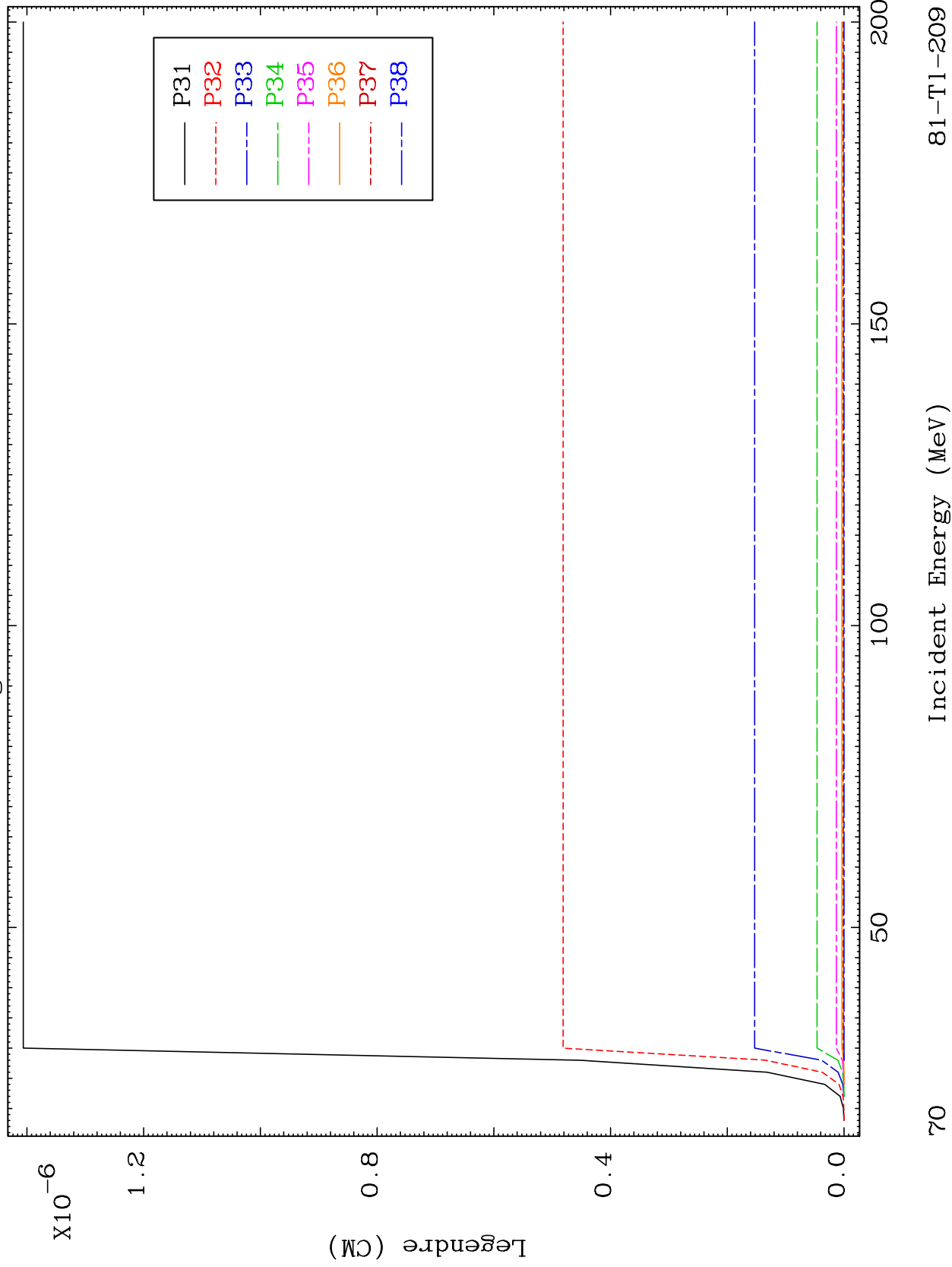
81-T1-209



MAT 8143

1.755 MeV (n,n') Level  
Legendre Coefficients

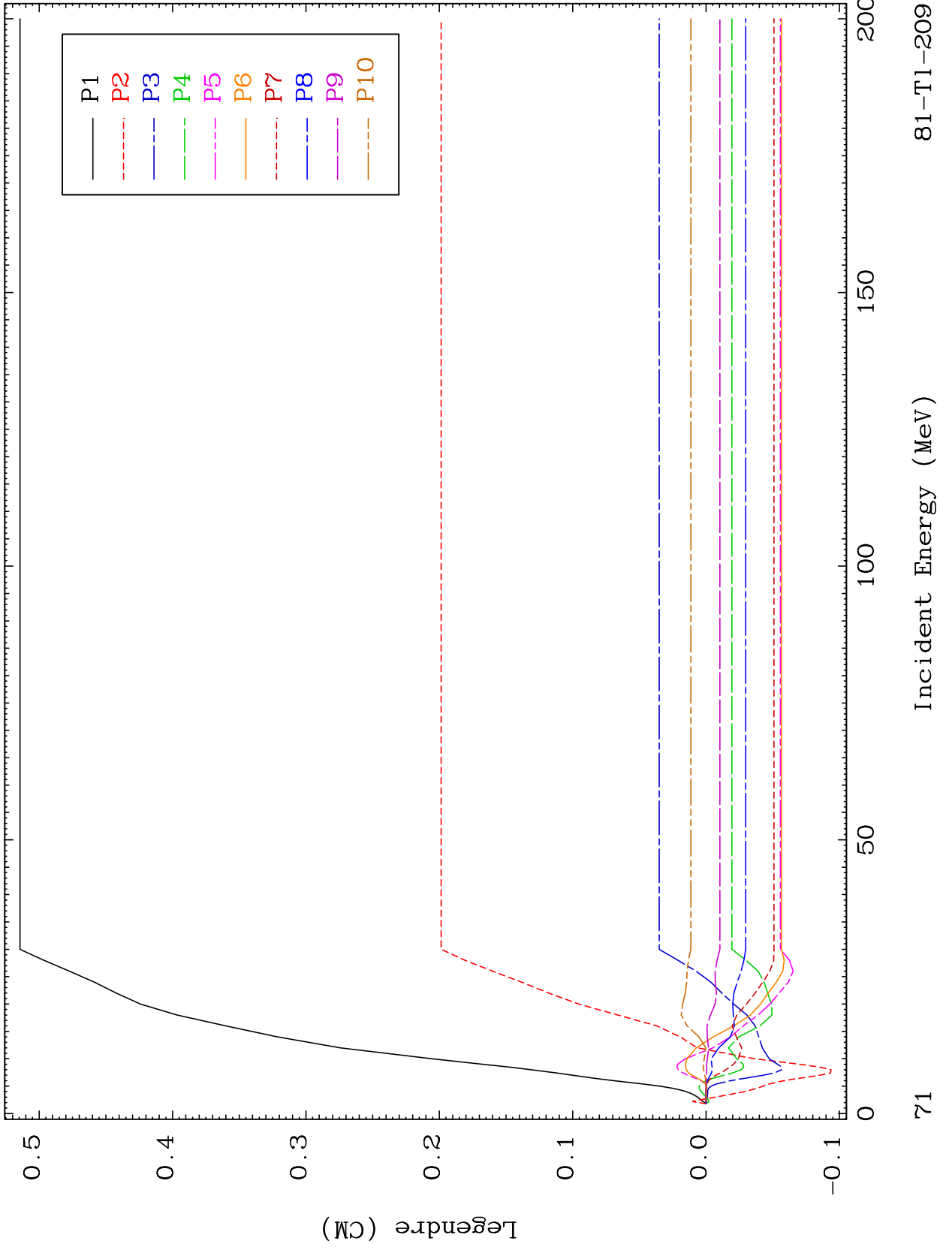
81-T1-209



MAT 8143

1.757 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



71

Incident Energy (MeV)

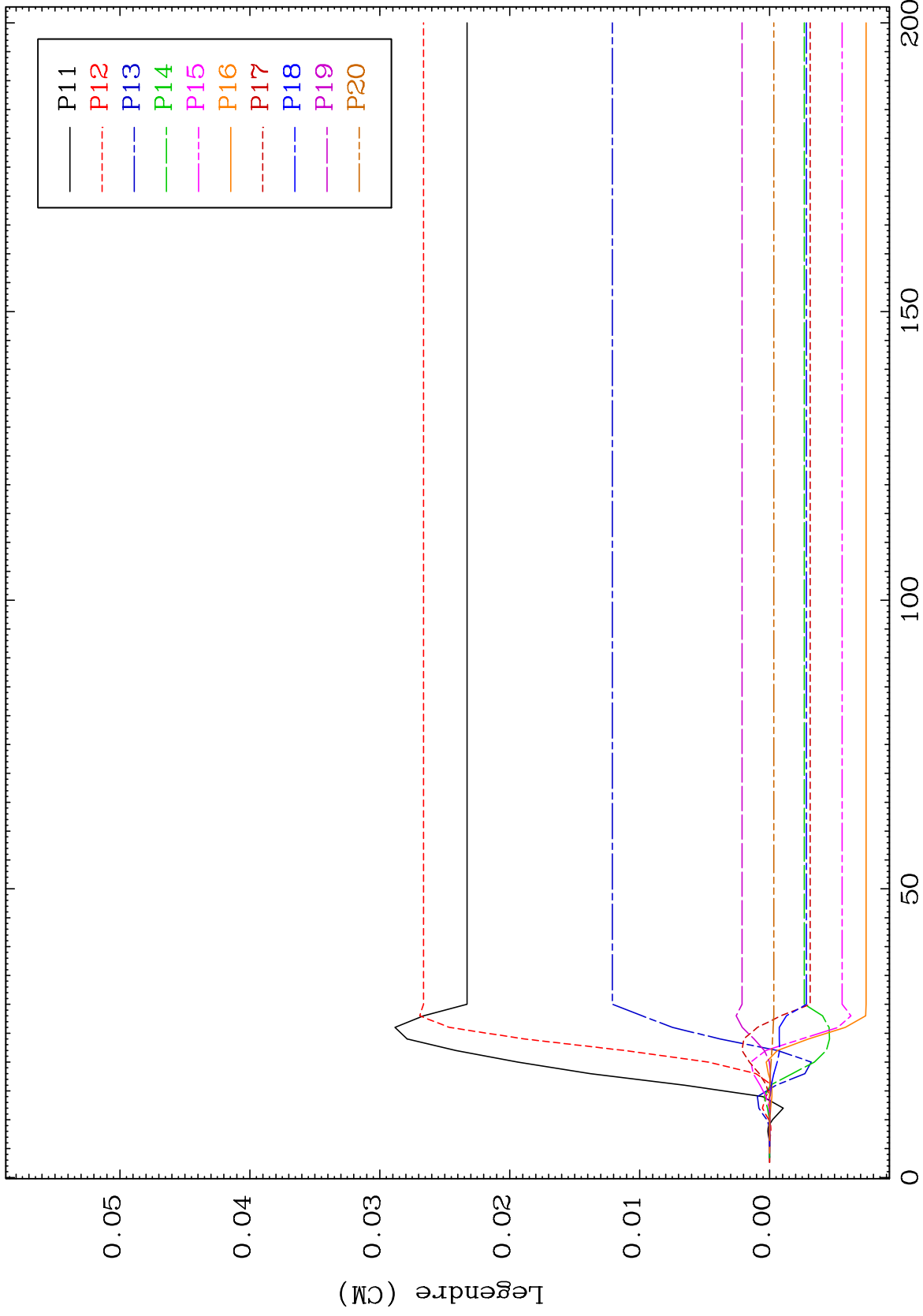
81-T1-209



MAT 8143

1.757 MeV (n,n') Level  
Legendre Coefficients

81-Tl-209



72

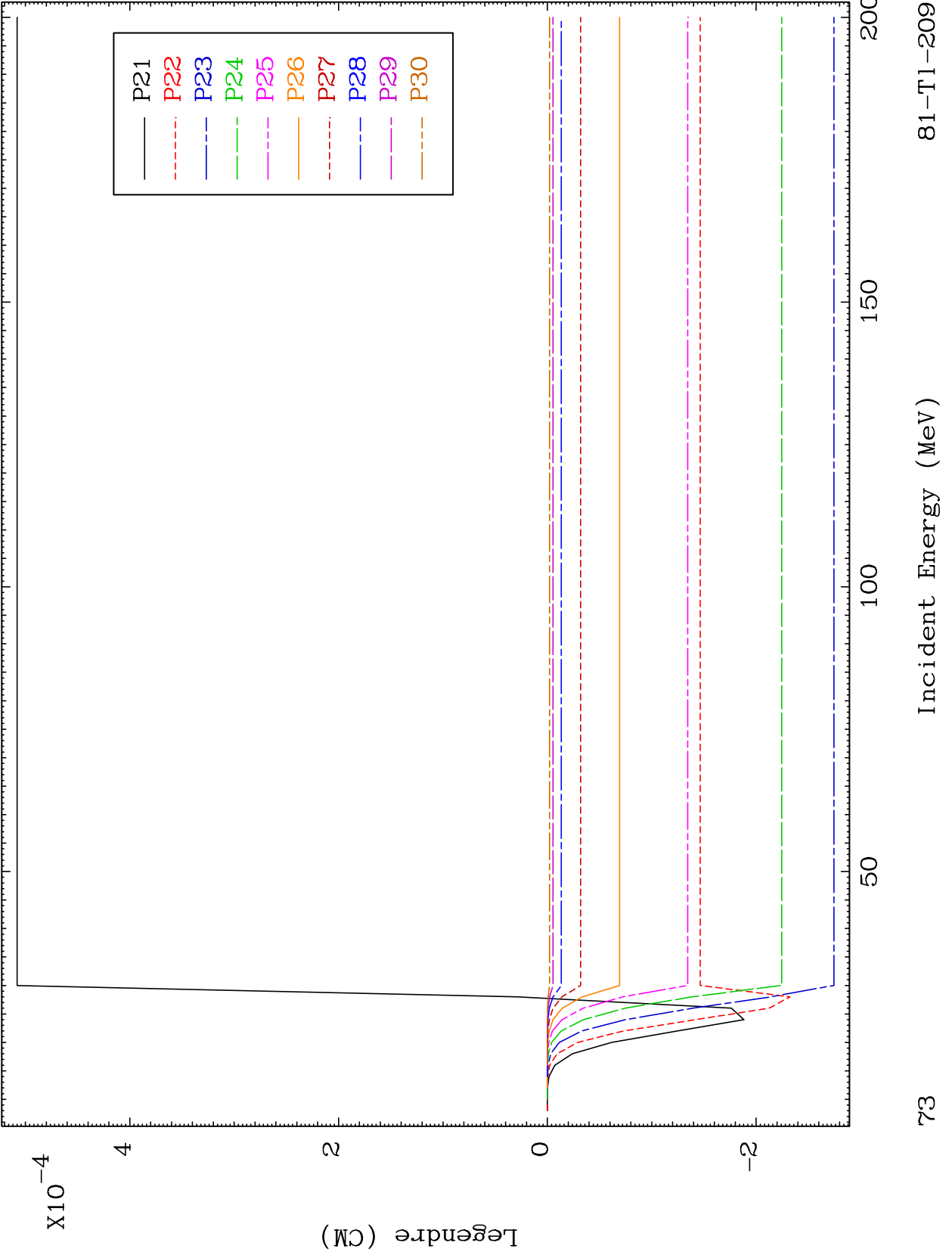
Incident Energy (MeV)

81-Tl-209

MAT 8143

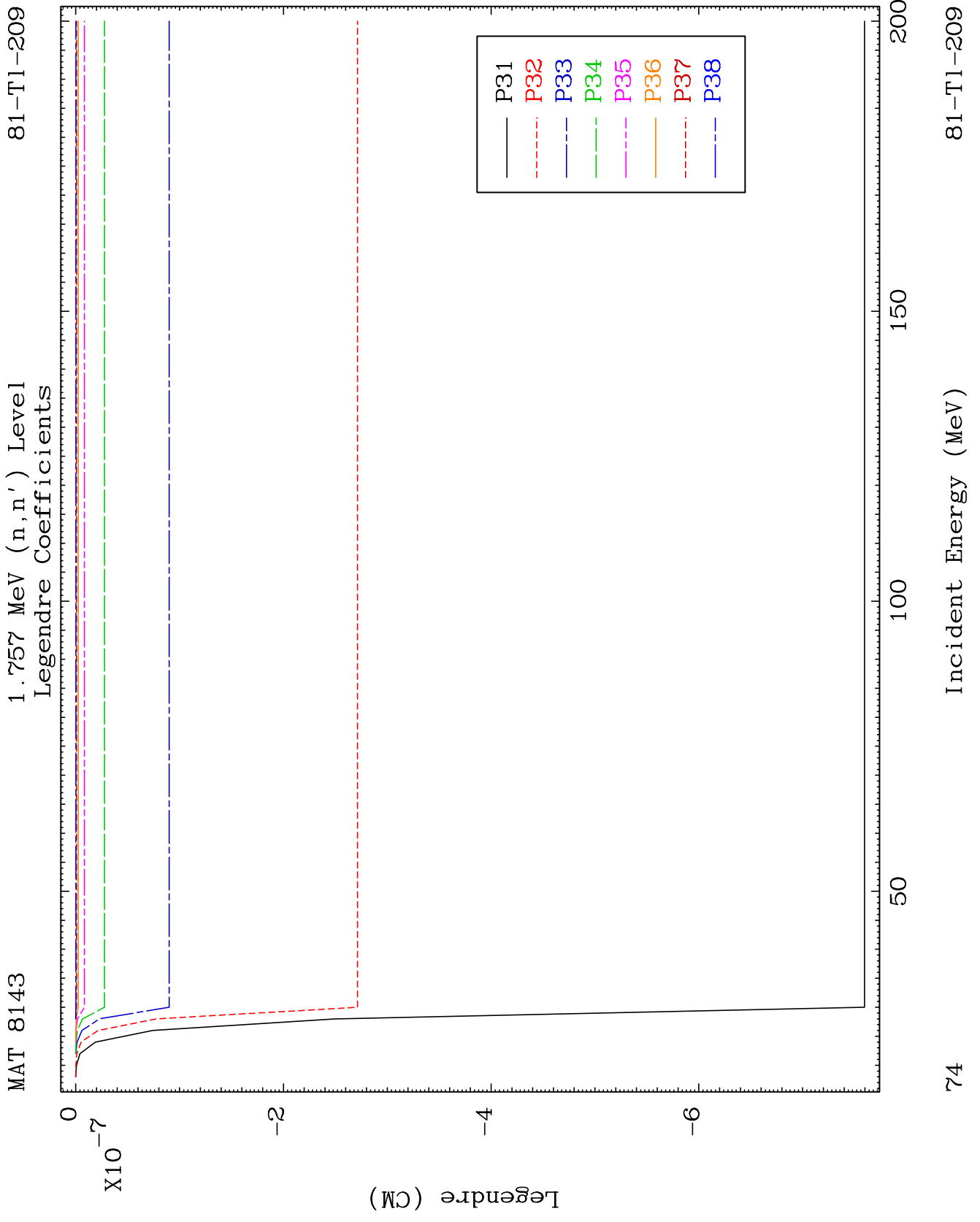
1.757 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



73

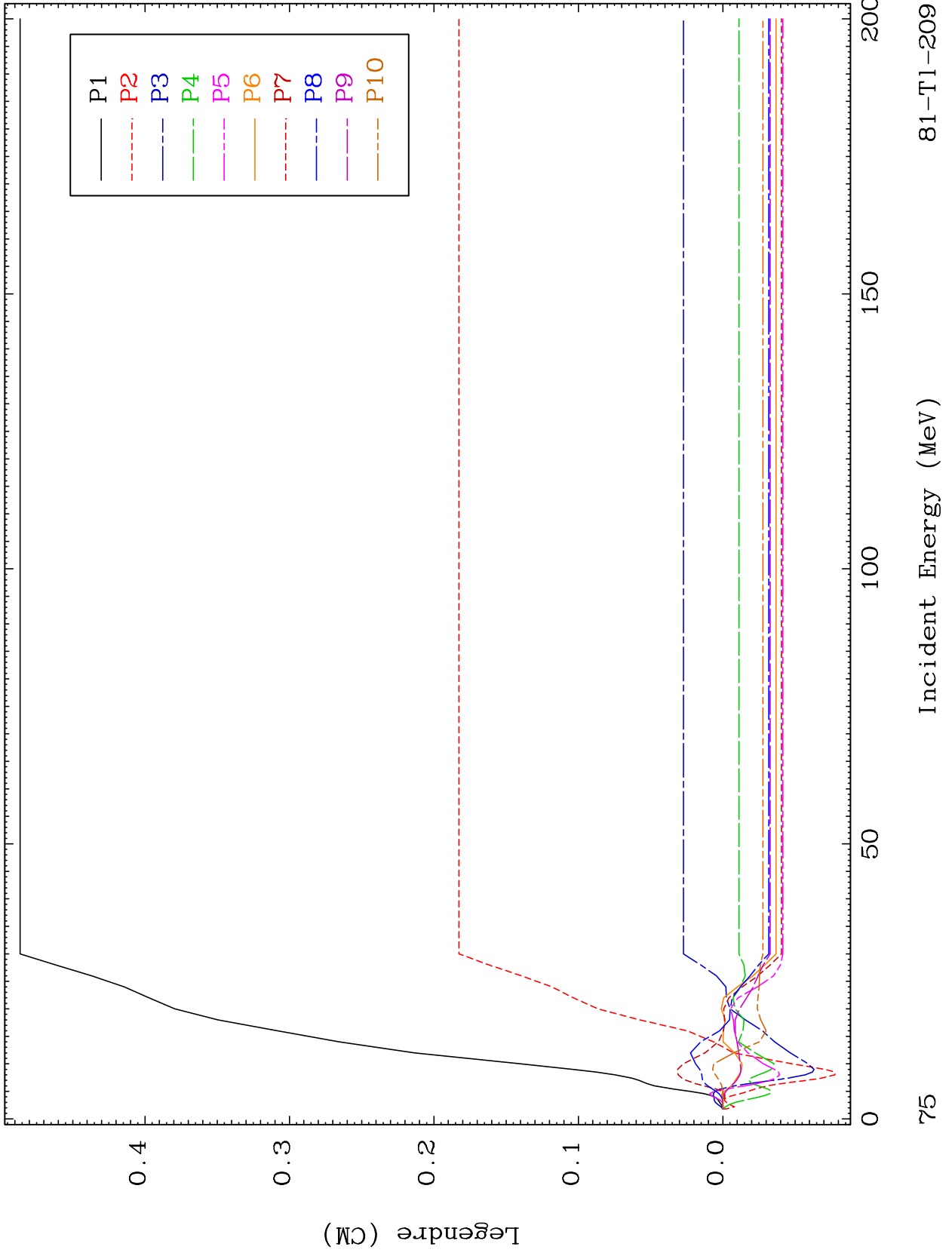
81-T1-209



MAT 8143

1.760 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



81-T1-209

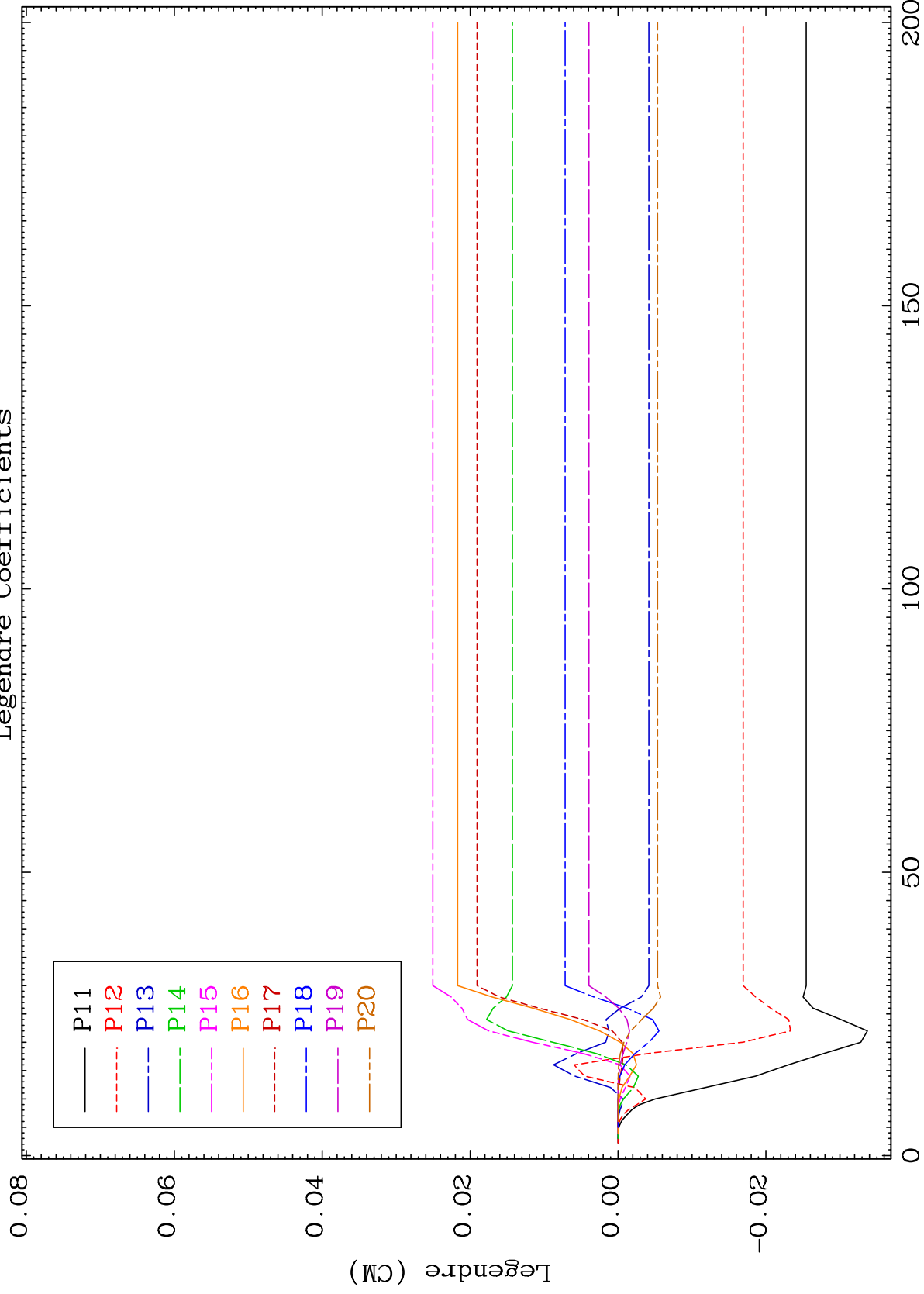
Incident Energy (MeV)

75

MAT 8143

1.760 MeV (n,n') Level  
Legendre Coefficients

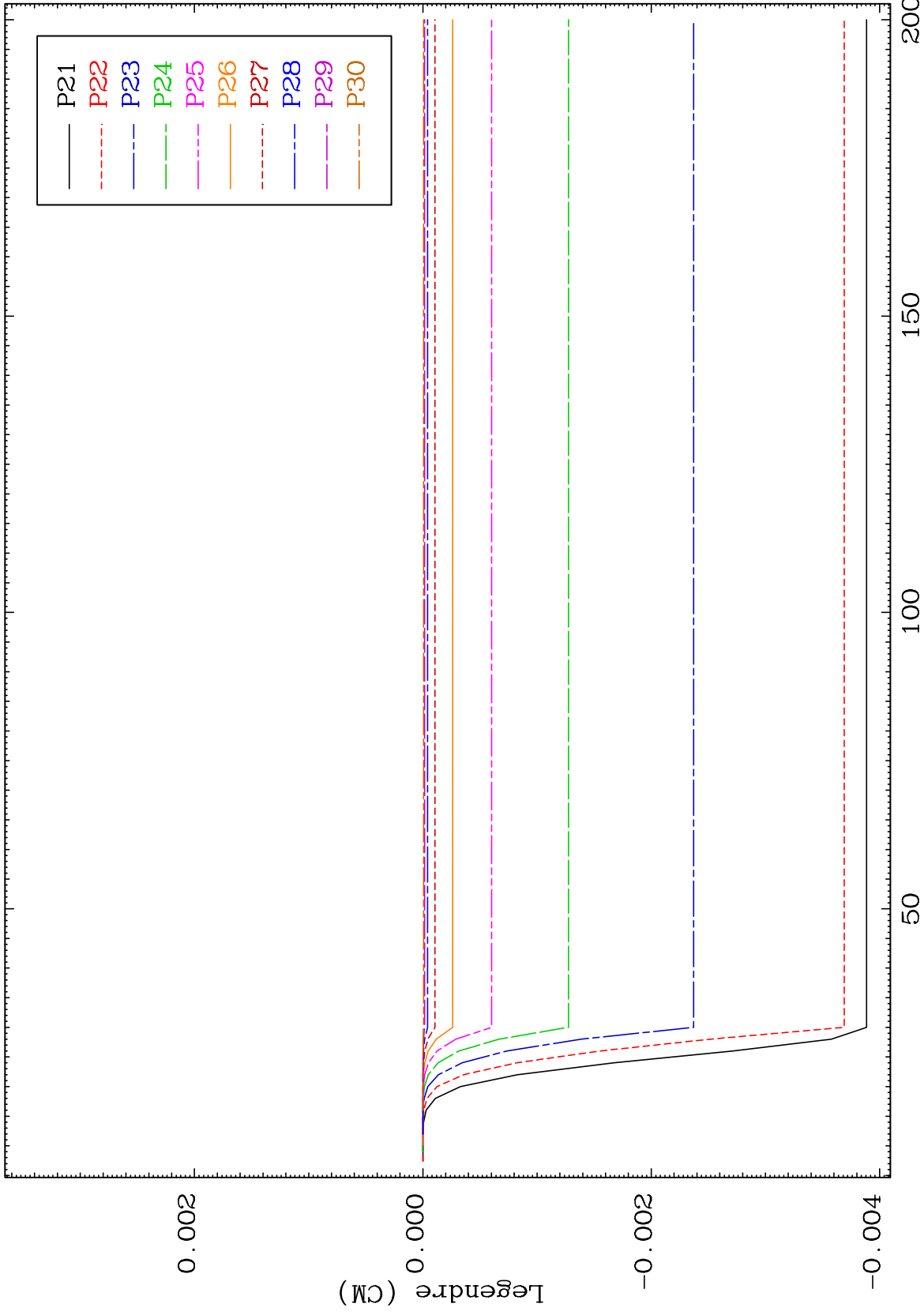
81-T1-209

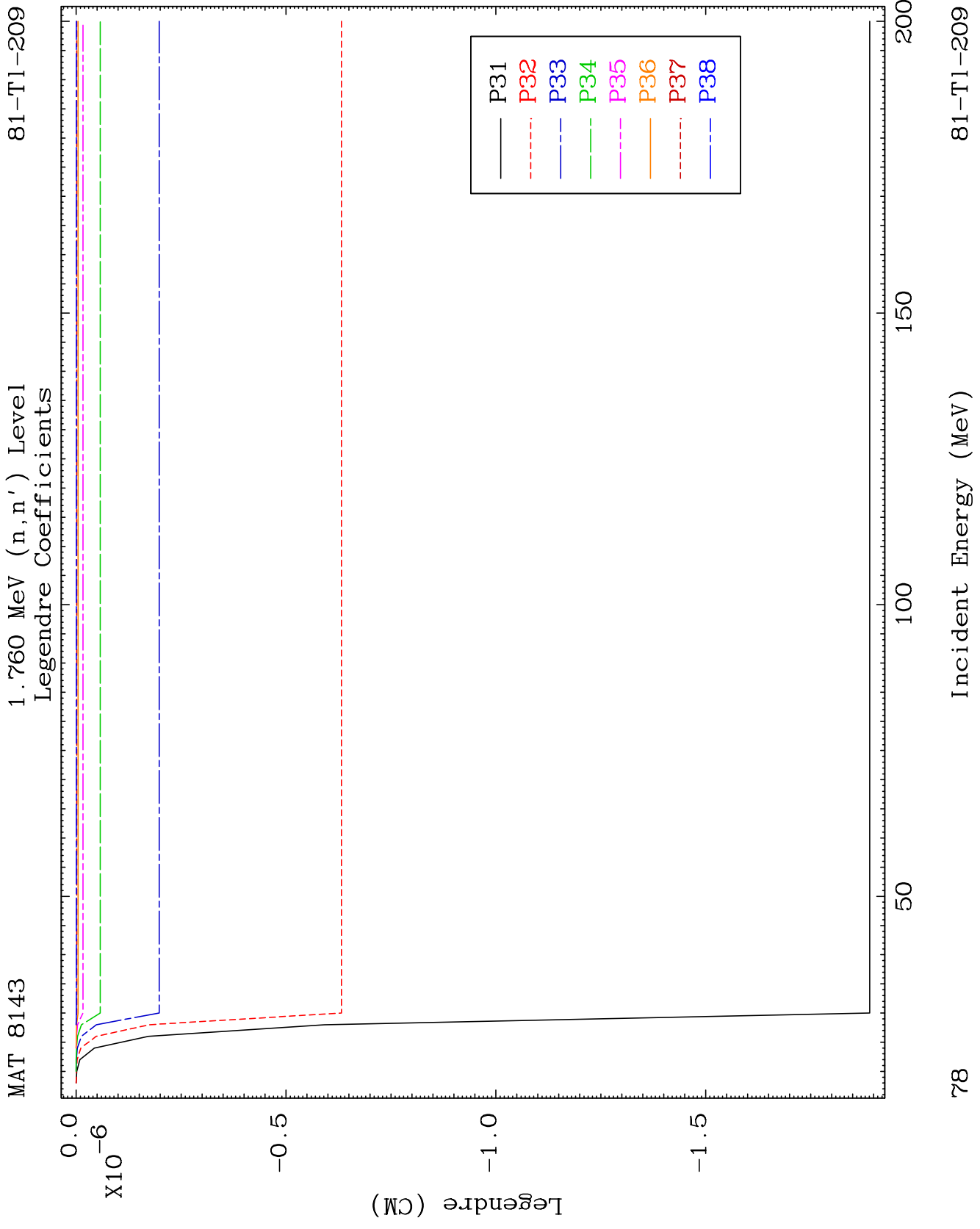


76

Incident Energy (MeV)

81-T1-209

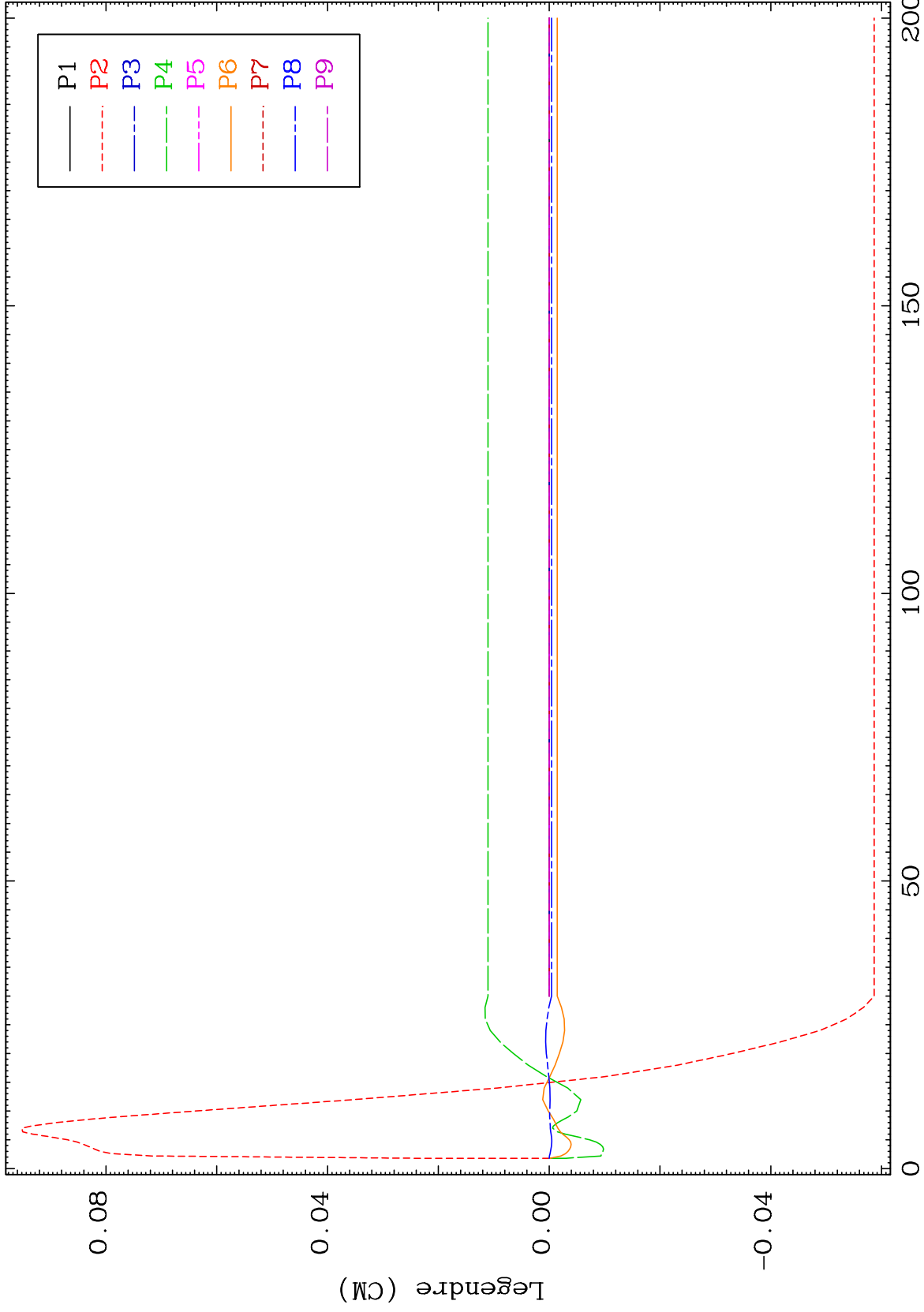




MAT 8143

1.765 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



79

Incident Energy (MeV)

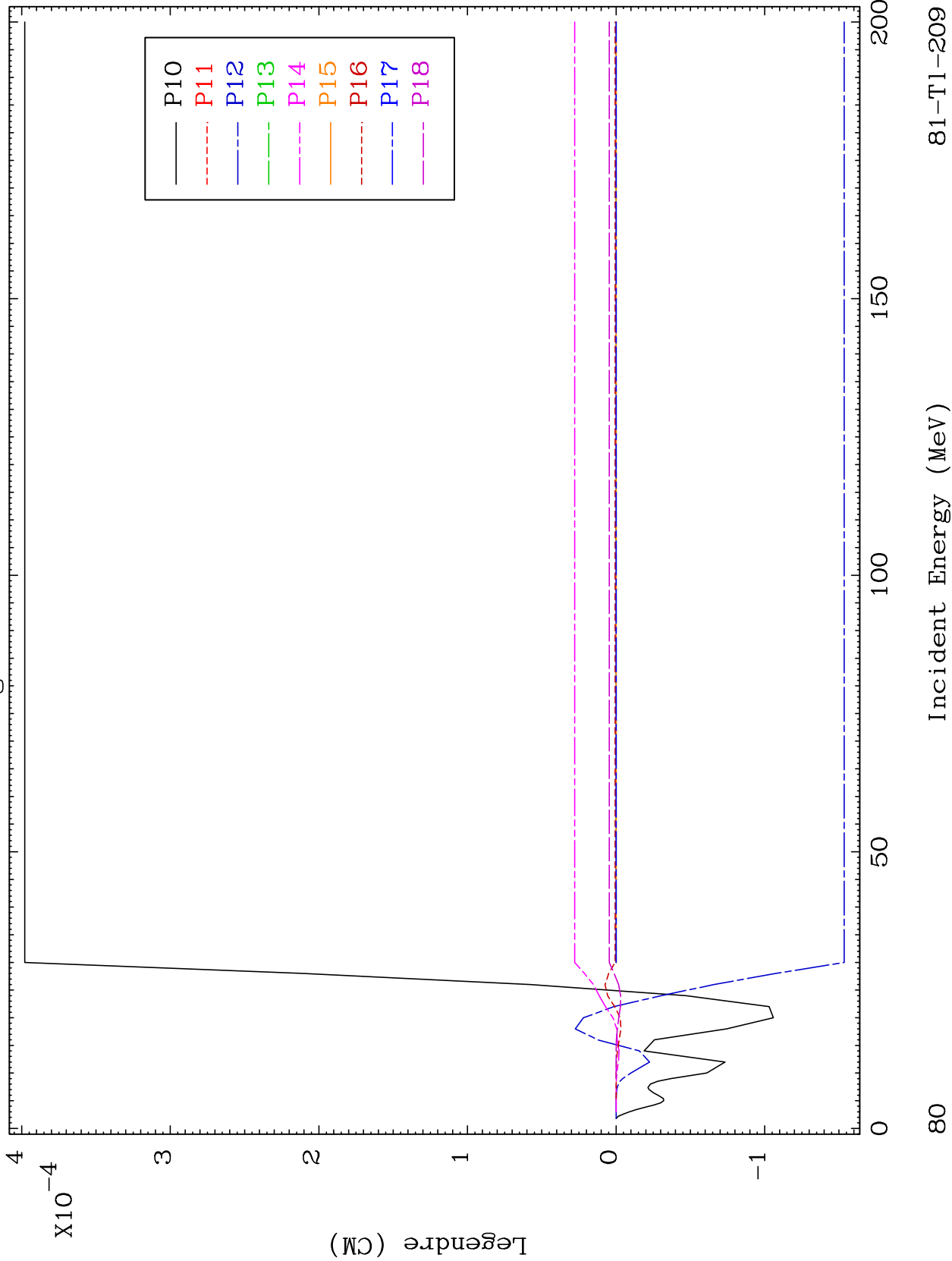
81-T1-209

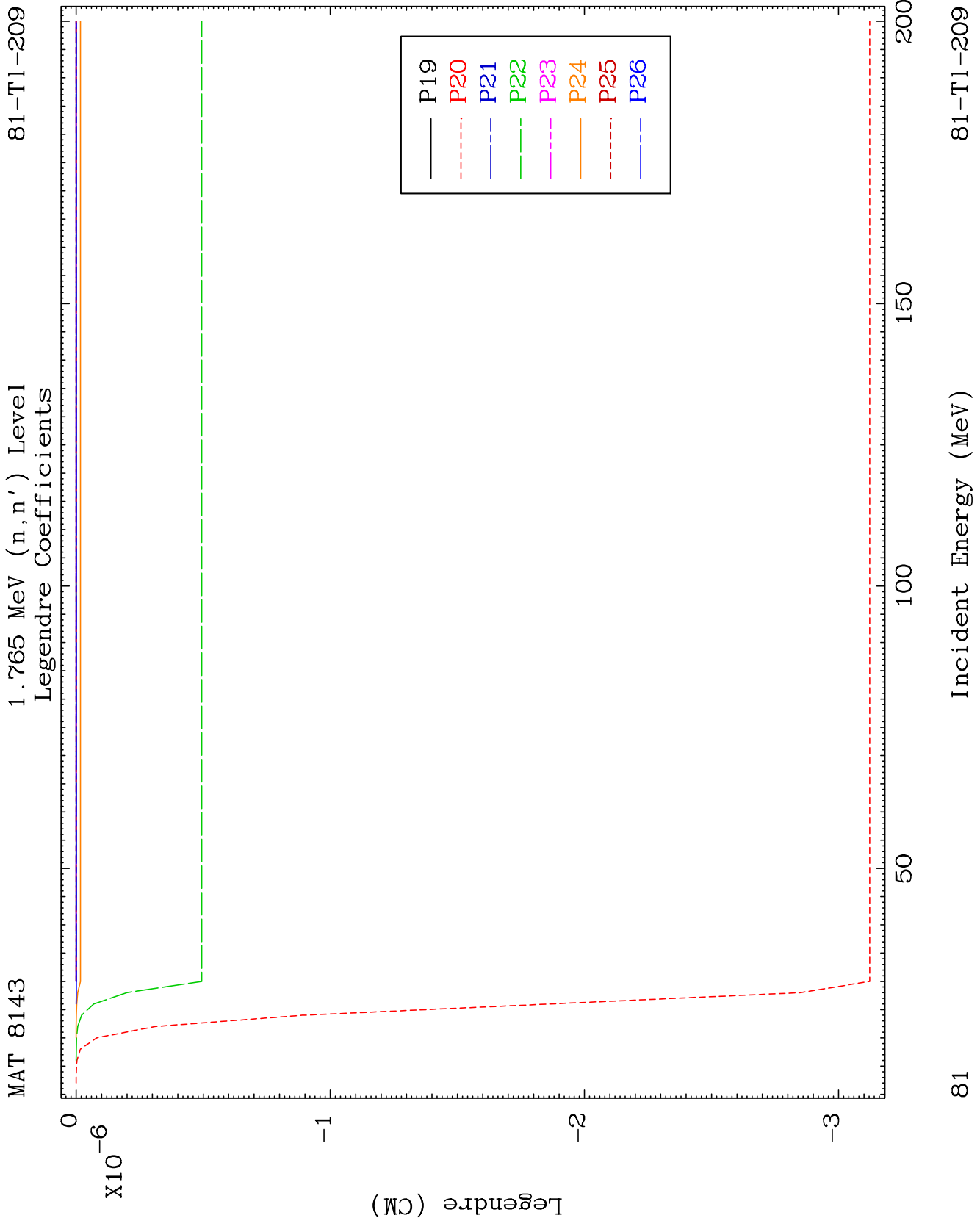


MAT 8143

1.765 MeV (n,n') Level  
Legendre Coefficients

81-T1-209

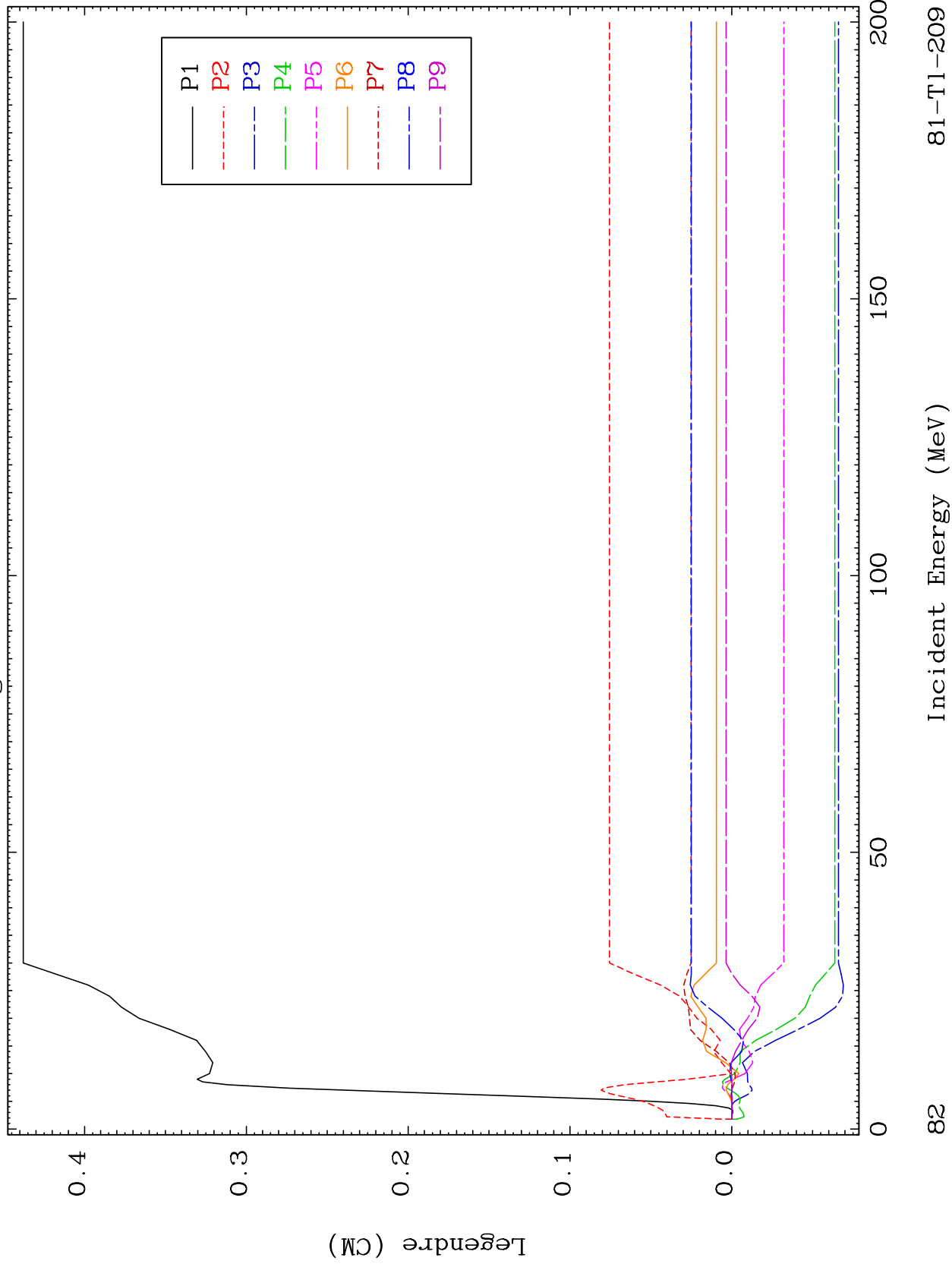




MAT 8143

1.766 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



81-T1-209

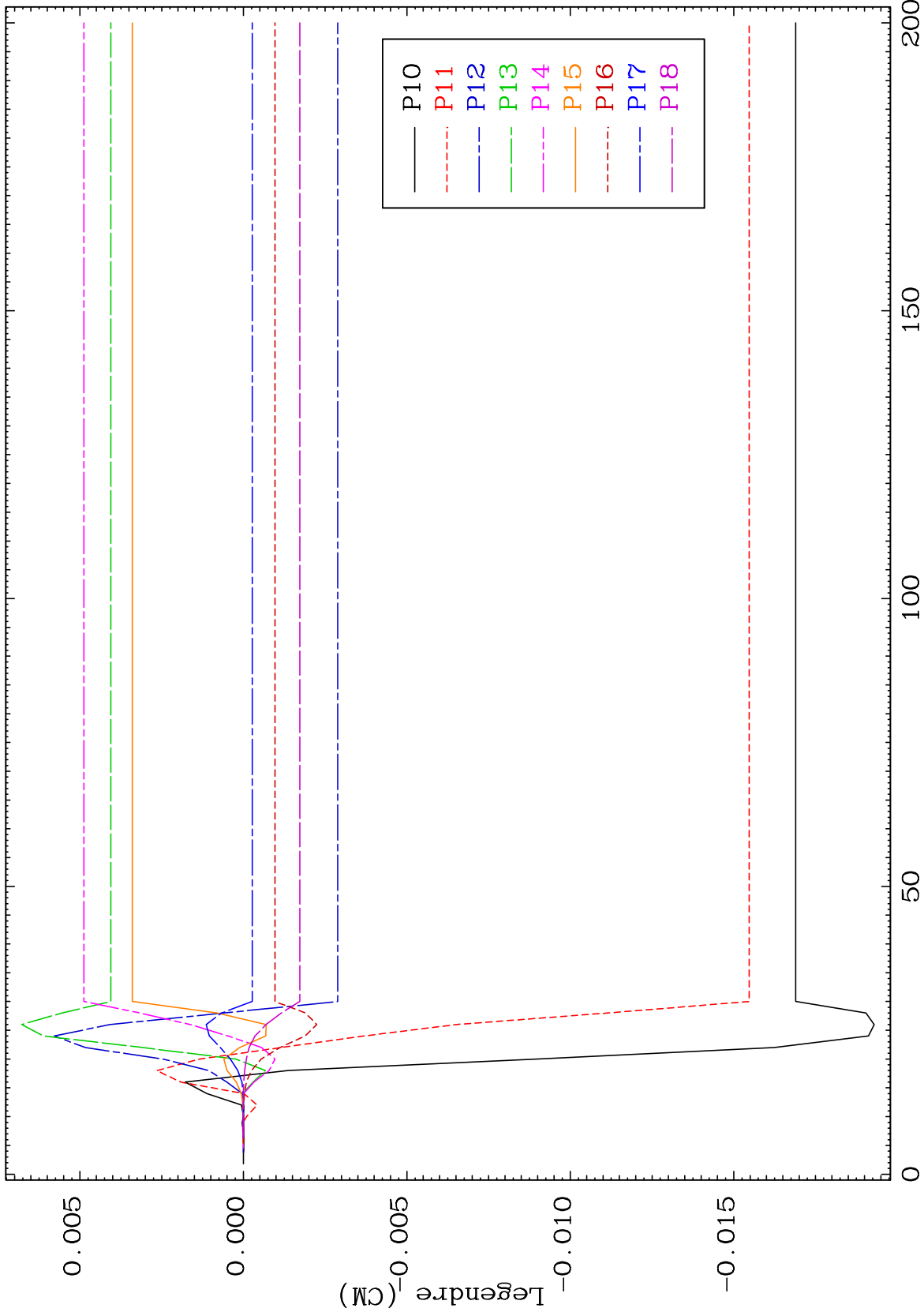
Incident Energy (MeV)

82

MAT 8143

1.766 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



83

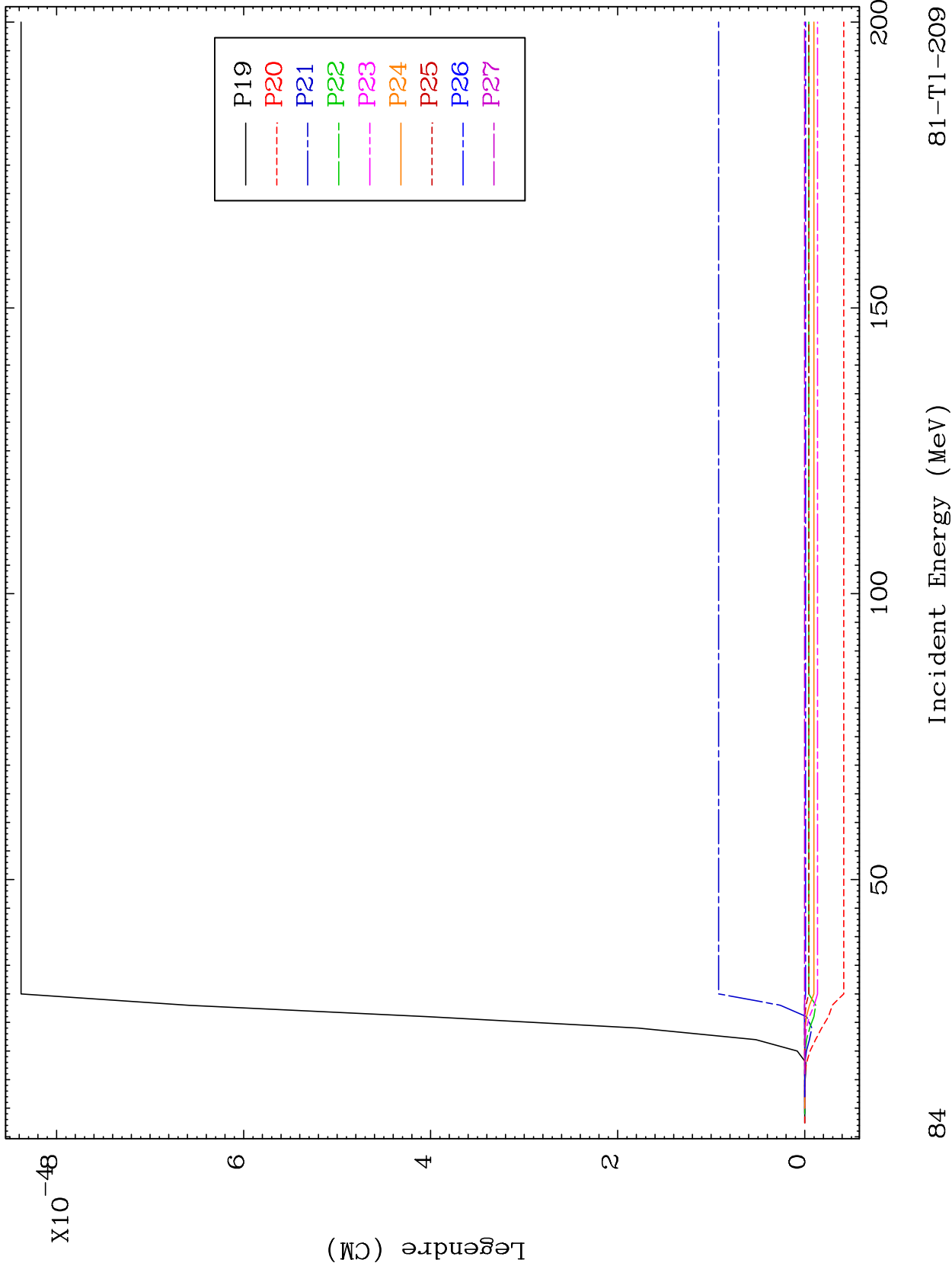
Incident Energy (MeV)

81-T1-209

MAT 8143

1.766 MeV (n,n') Level  
Legendre Coefficients

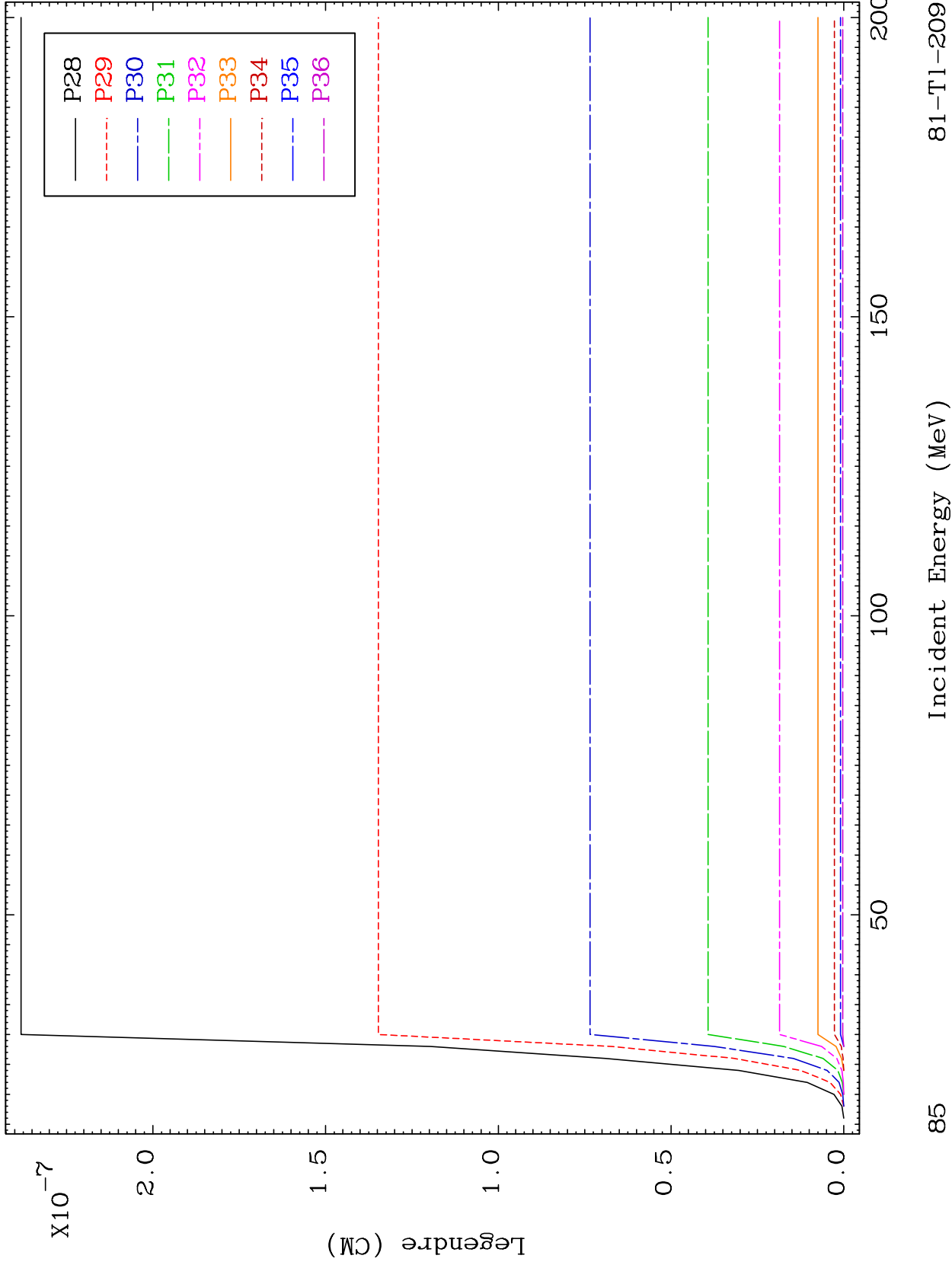
81-T1-209



MAT 8143

1.766 MeV (n,n') Level  
Legendre Coefficients

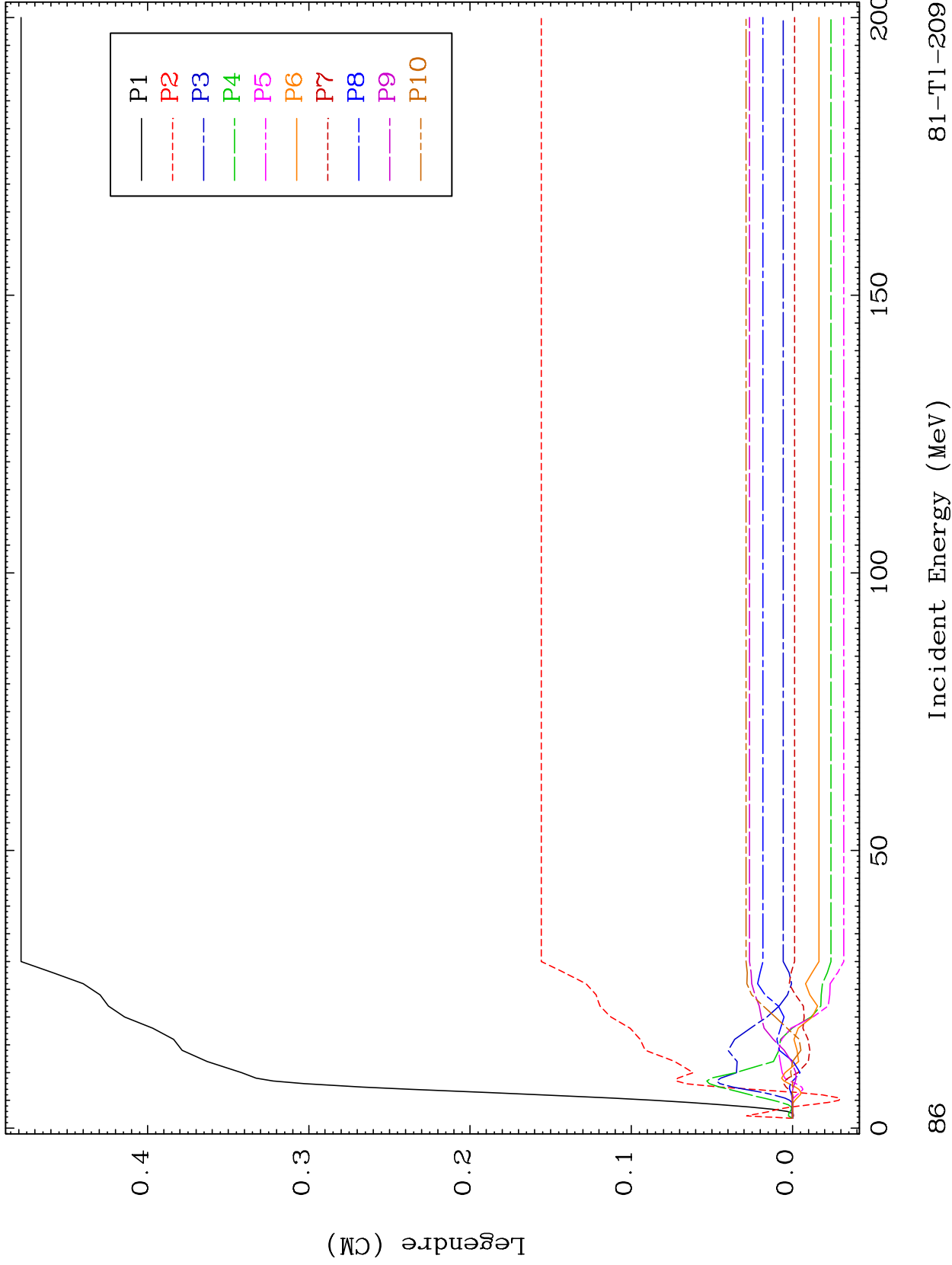
81-T1-209



85

Incident Energy (MeV)

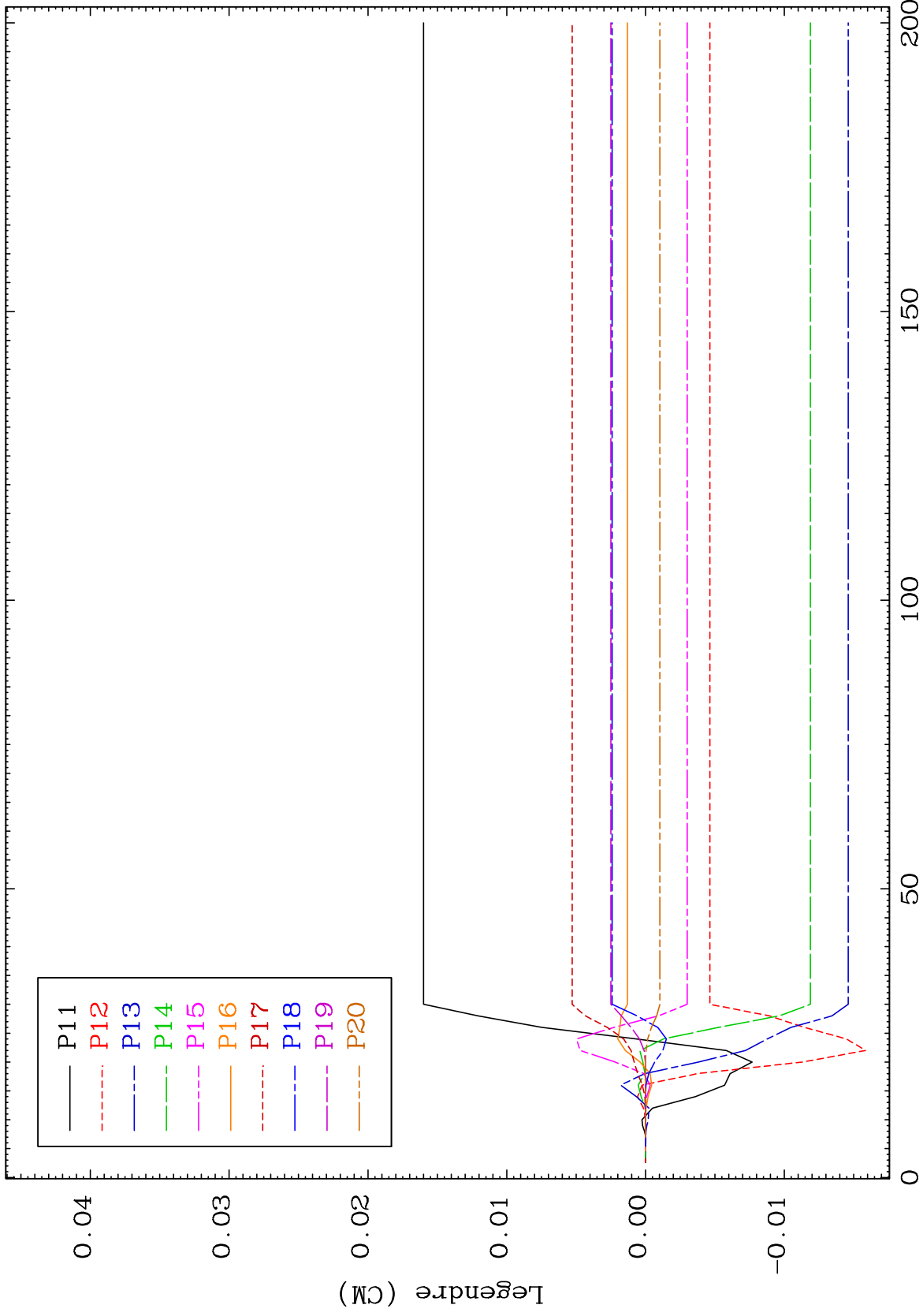
81-T1-209



MAT 8143

1.771 MeV (n,n') Level  
Legendre Coefficients

81-T1-209

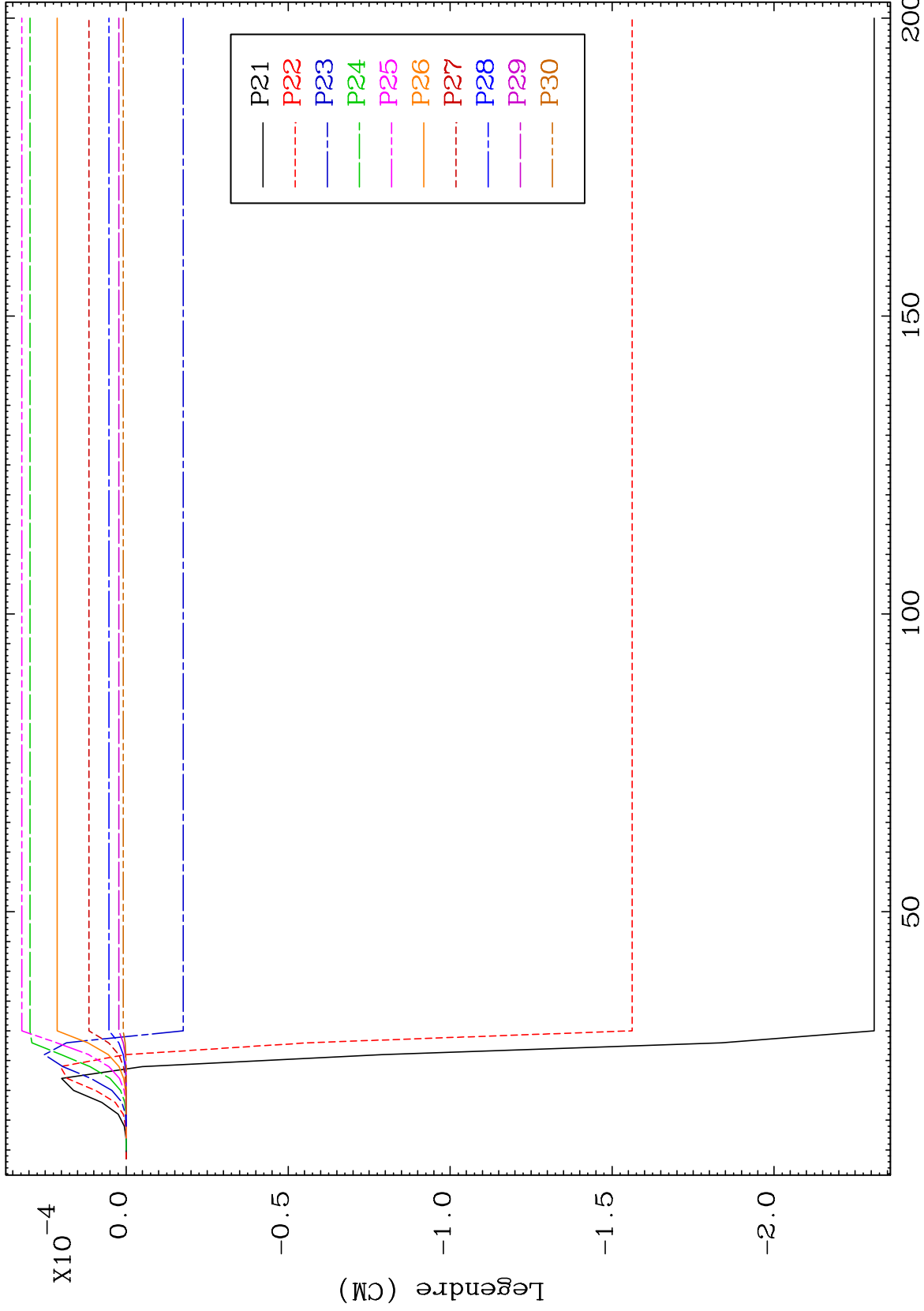


87

Incident Energy (MeV)

81-T1-209

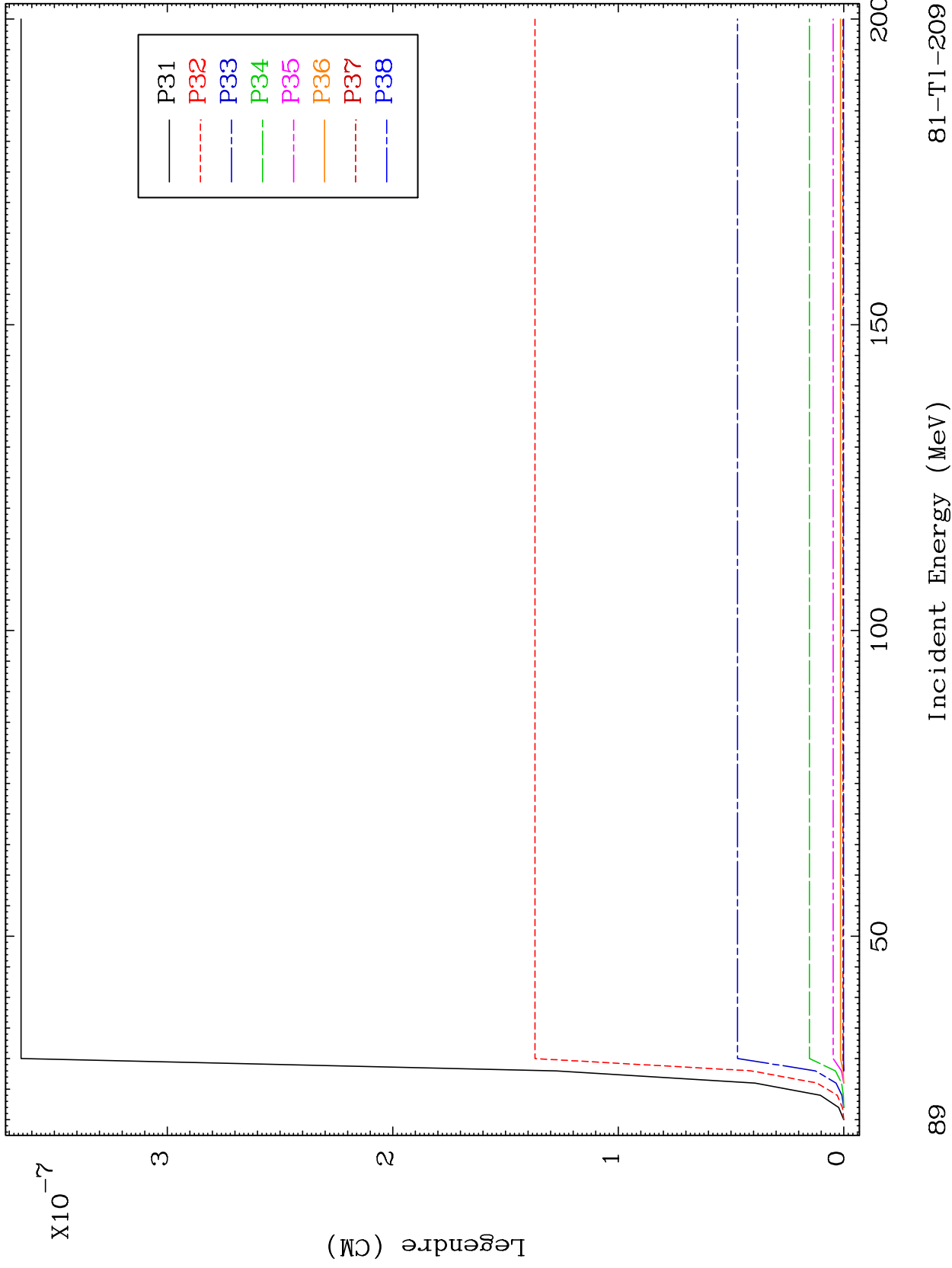




MAT 8143

1.771 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



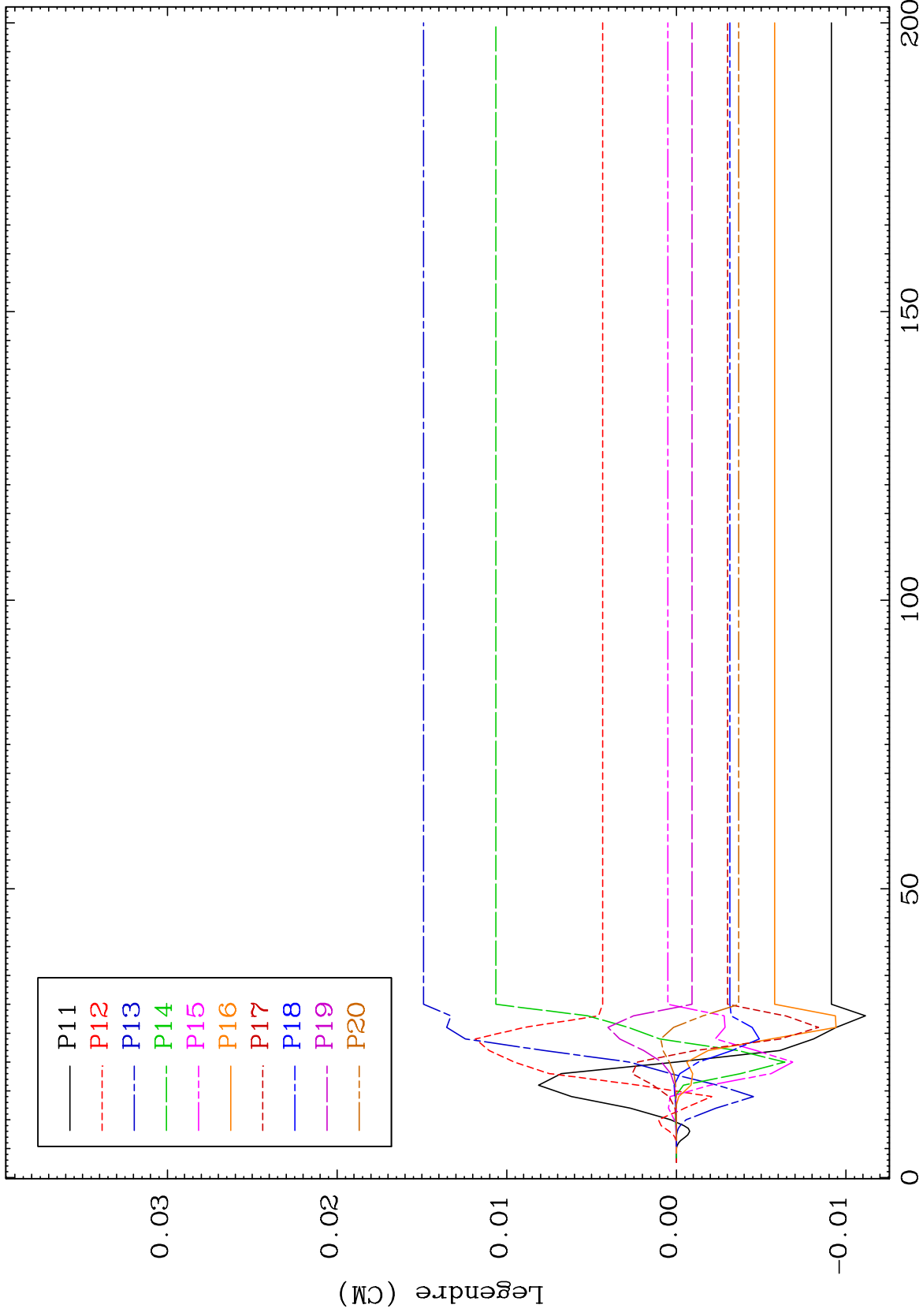
89



MAT 8143

1.772 MeV (n,n') Level  
Legendre Coefficients

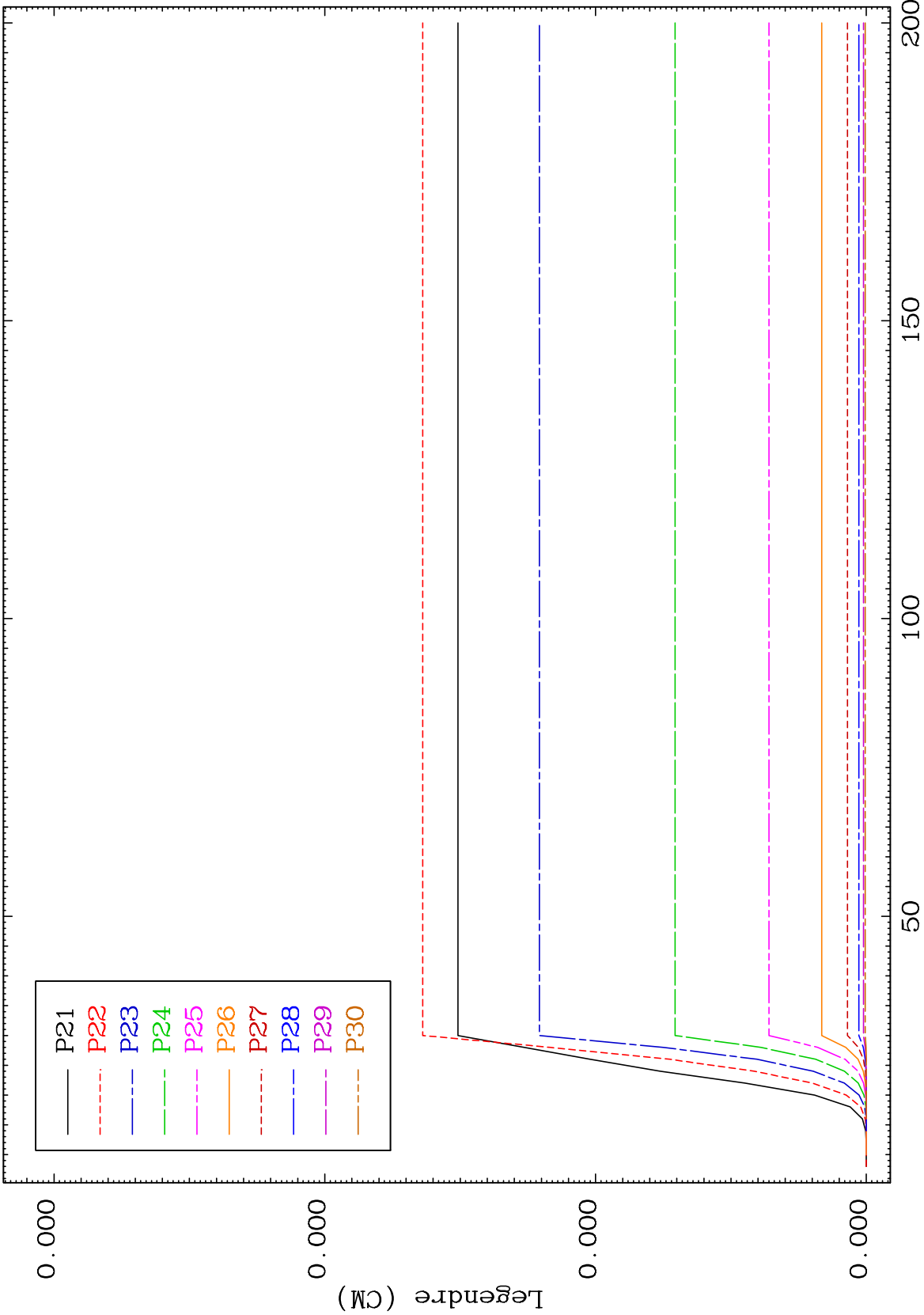
81-T1-209



91

Incident Energy (MeV)

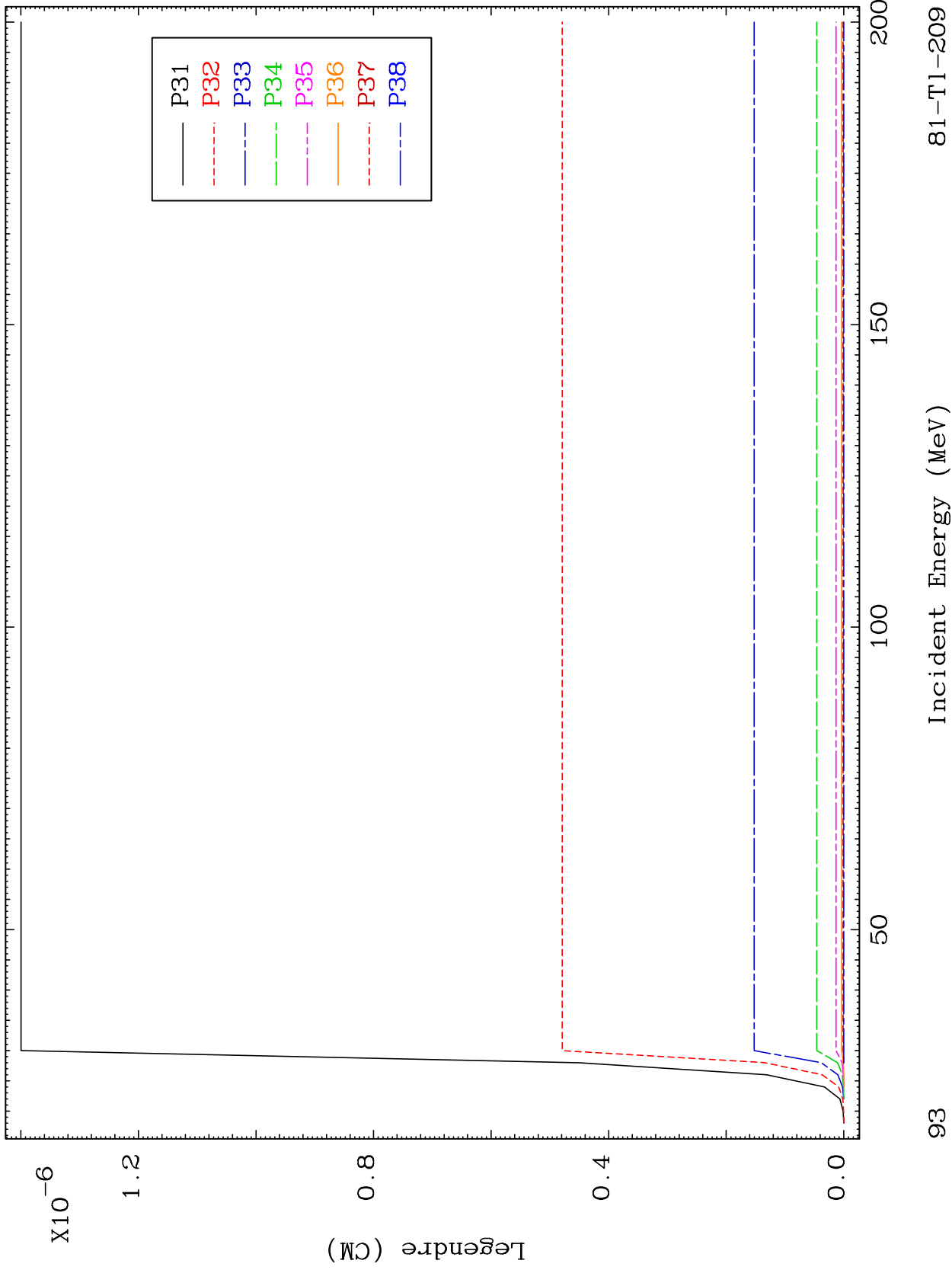
81-T1-209



MAT 8143

1.772 MeV (n,n') Level  
Legendre Coefficients

81-T1-209

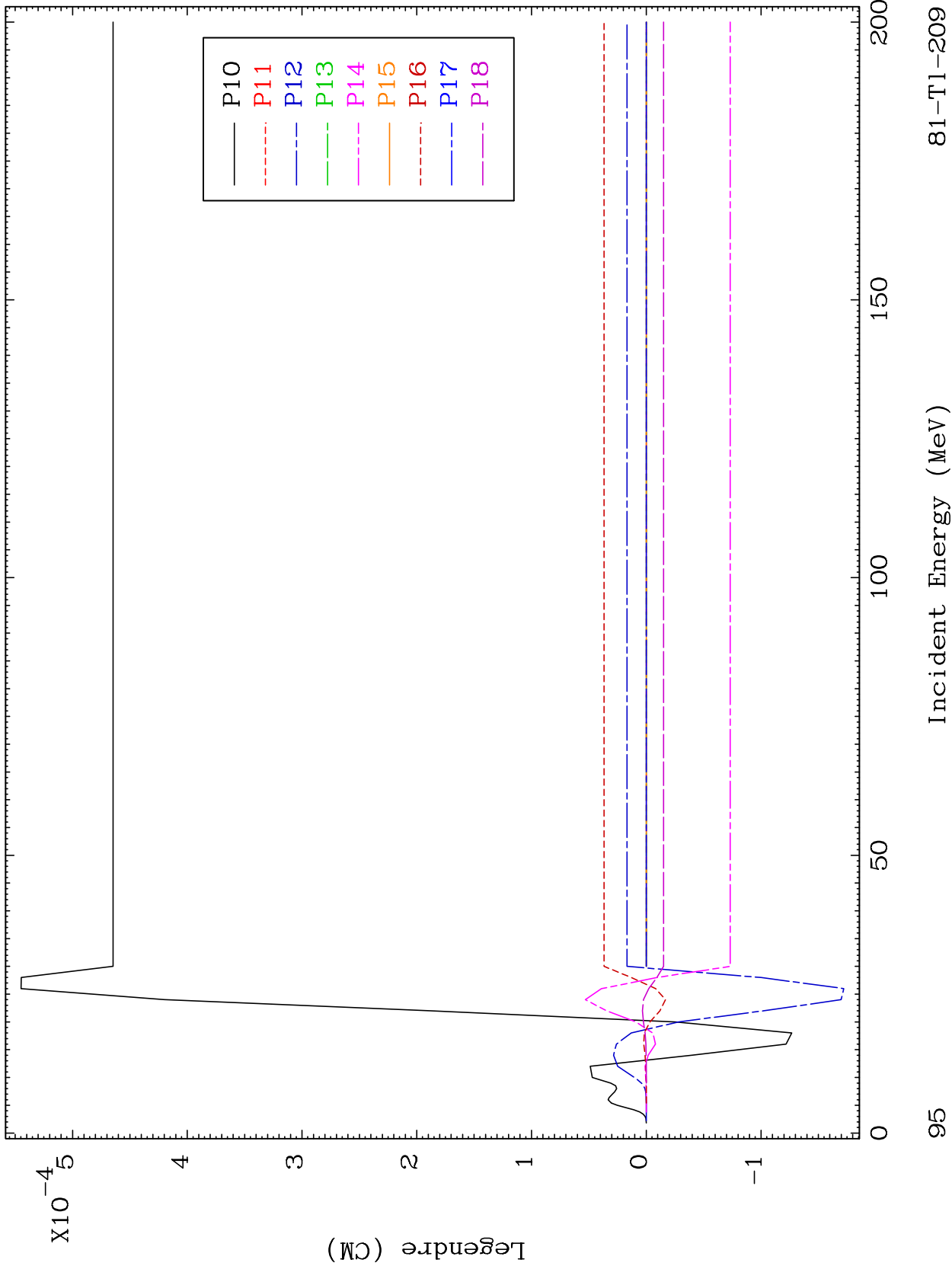




MAT 8143

1.775 MeV (n,n') Level  
Legendre Coefficients

81-Tl-209



81-Tl-209

Incident Energy (MeV)

95

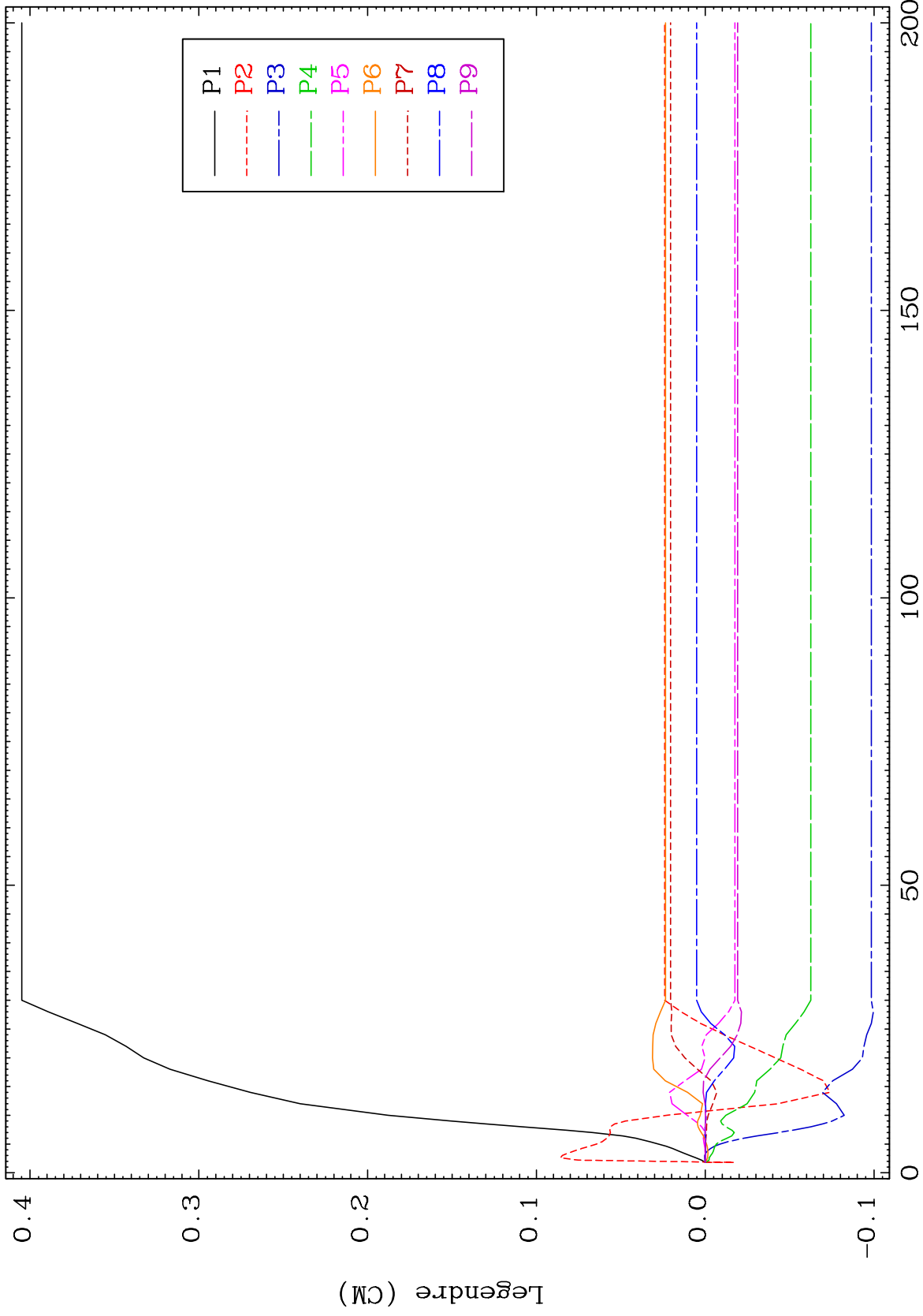




MAT 8143

1.780 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



97

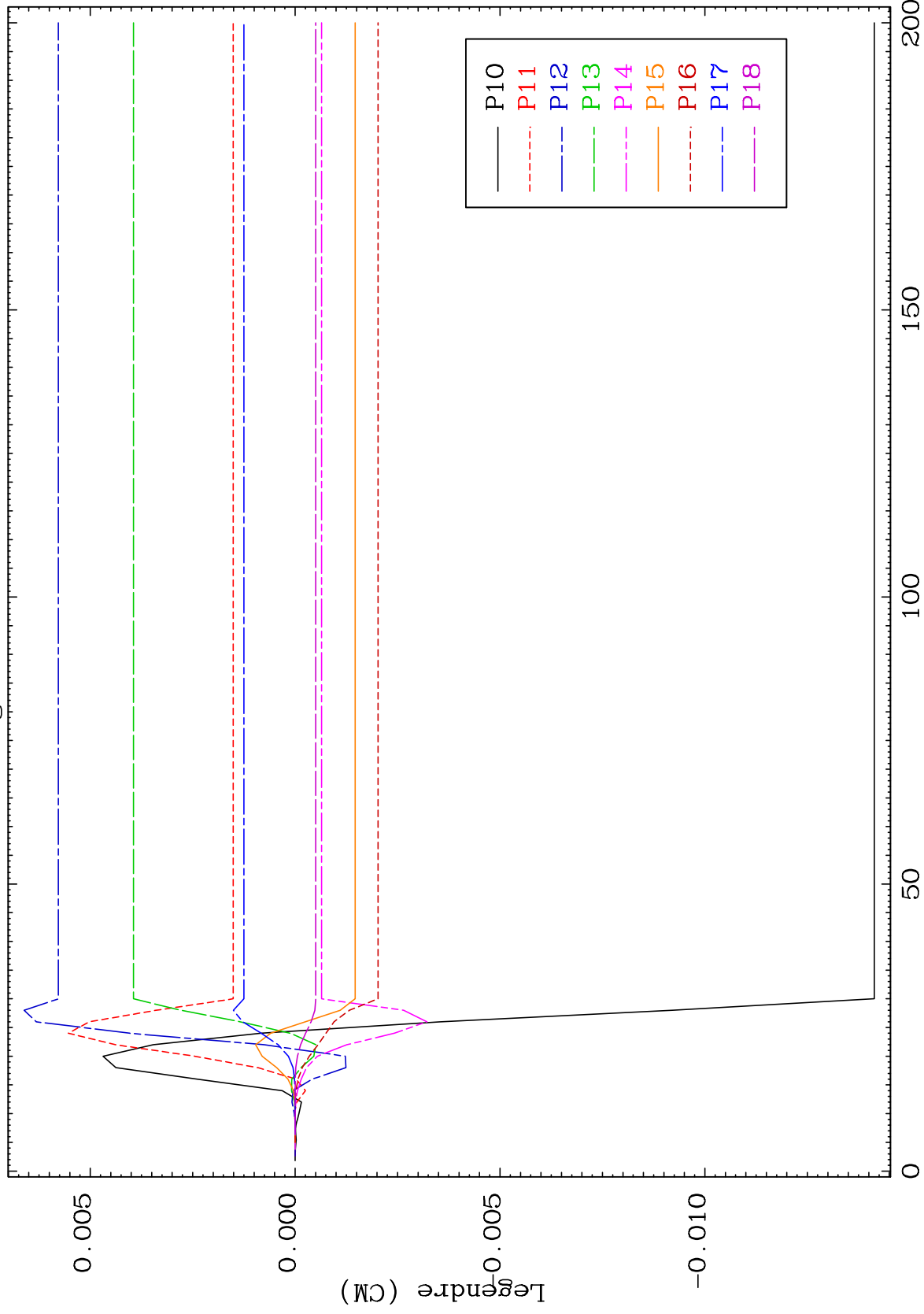
Incident Energy (MeV)

81-T1-209

MAT 8143

1.780 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



98

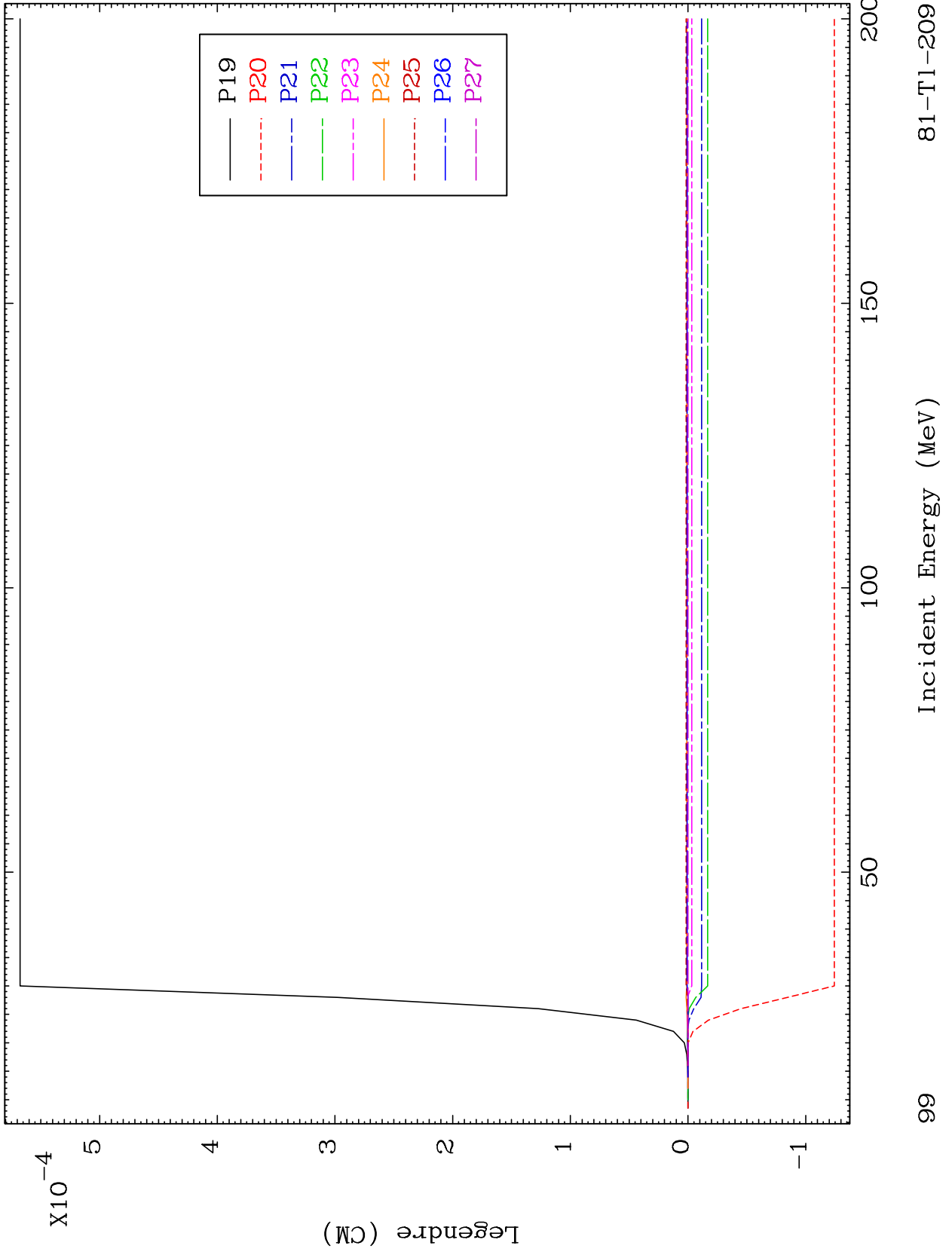
Incident Energy (MeV)

81-T1-209

MAT 8143

1.780 MeV (n,n') Level  
Legendre Coefficients

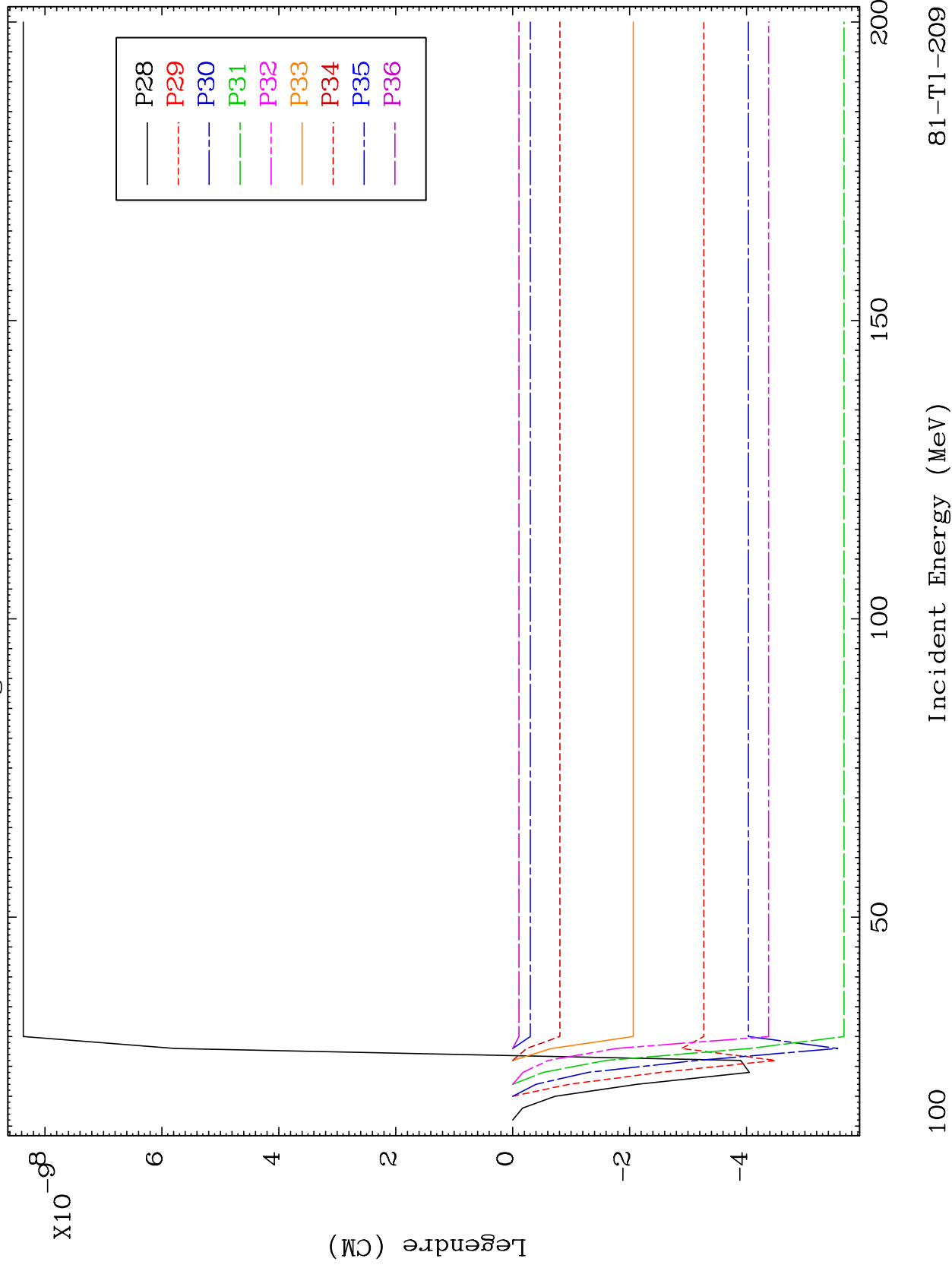
81-T1-209



MAT 8143

1.780 MeV (n,n') Level  
Legendre Coefficients

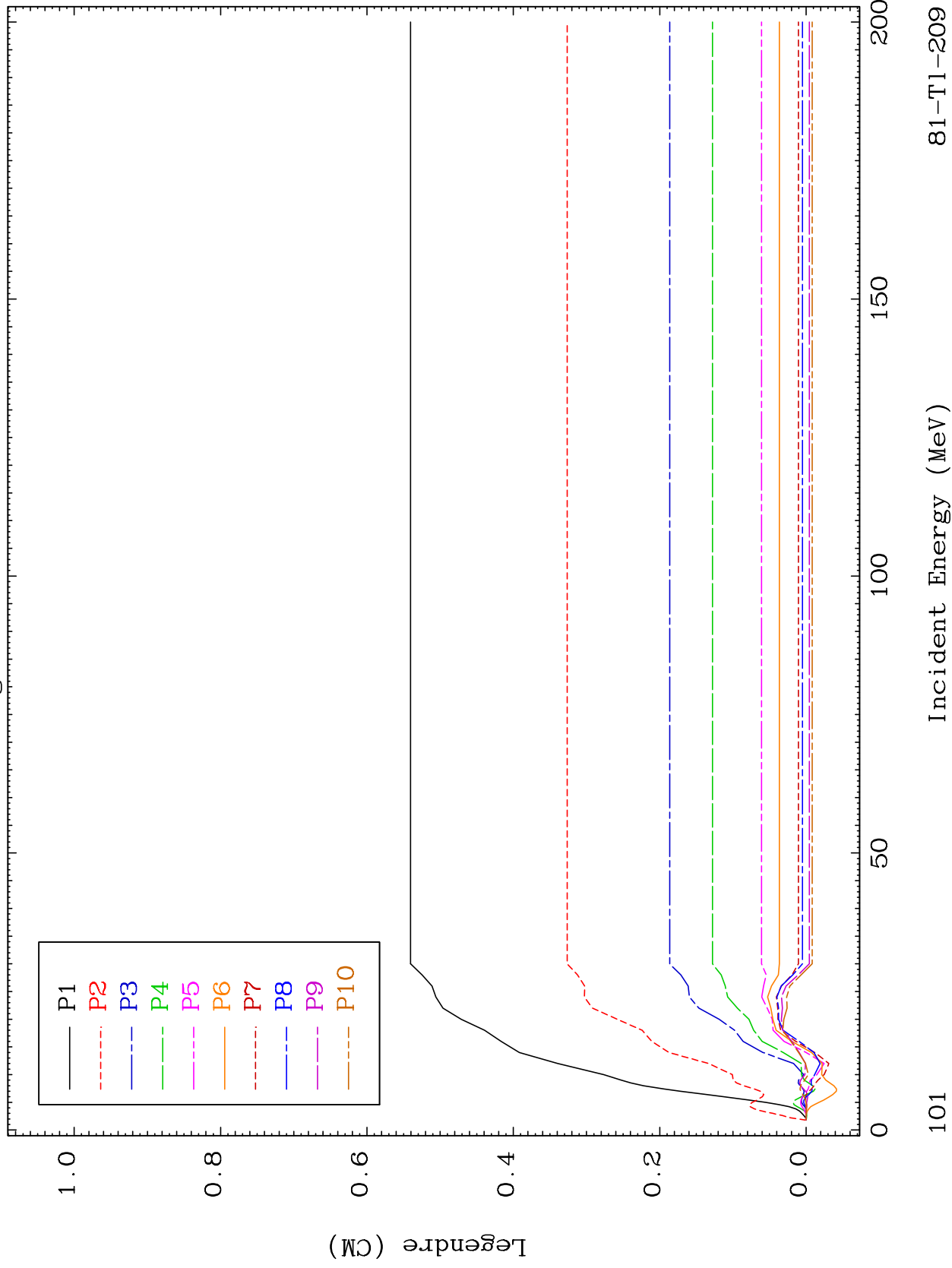
81-T1-209



MAT 8143

1.781 MeV (n,n') Level  
Legendre Coefficients

81-T1-209

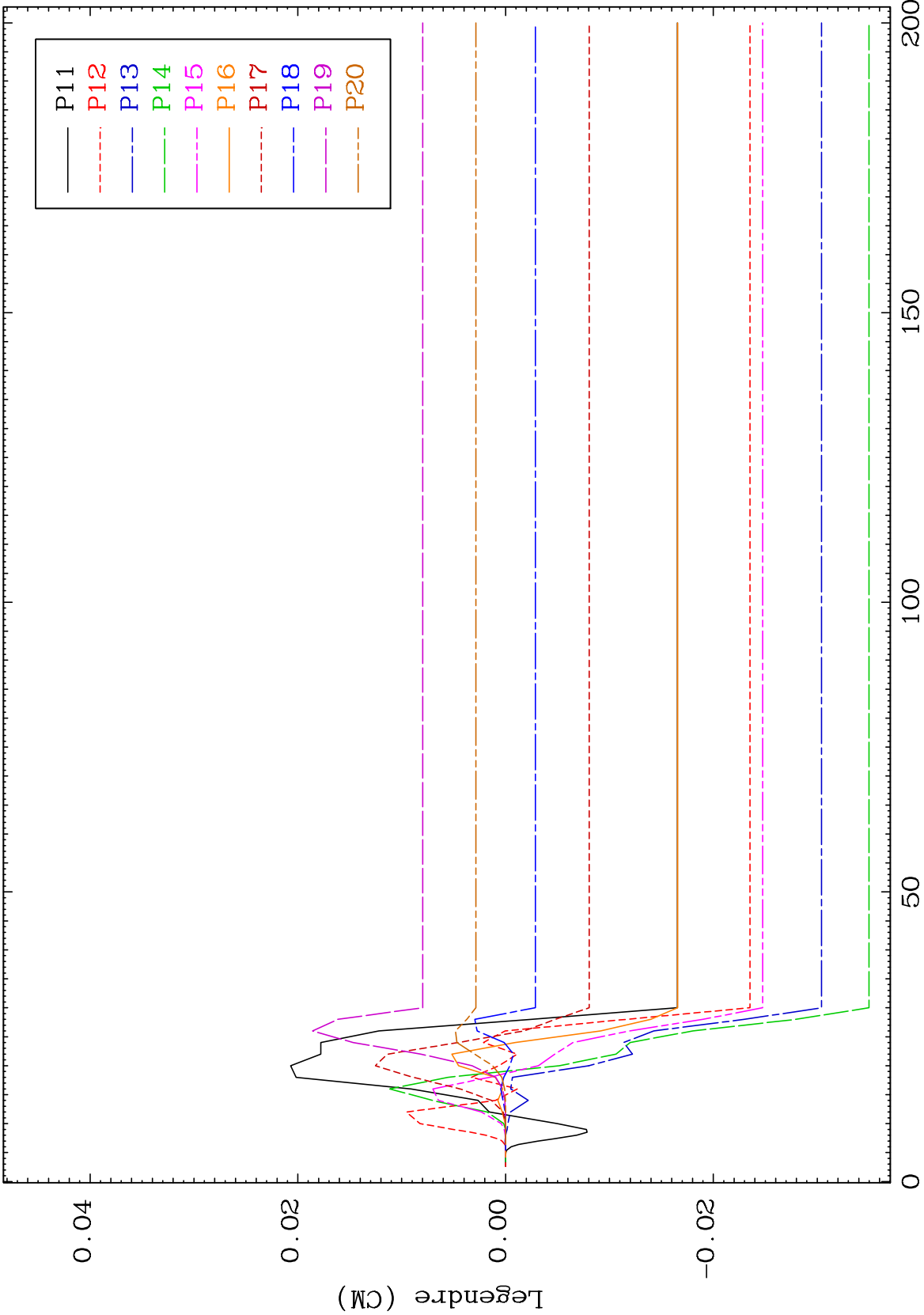


101

MAT 8143

1.781 MeV (n,n') Level  
Legendre Coefficients

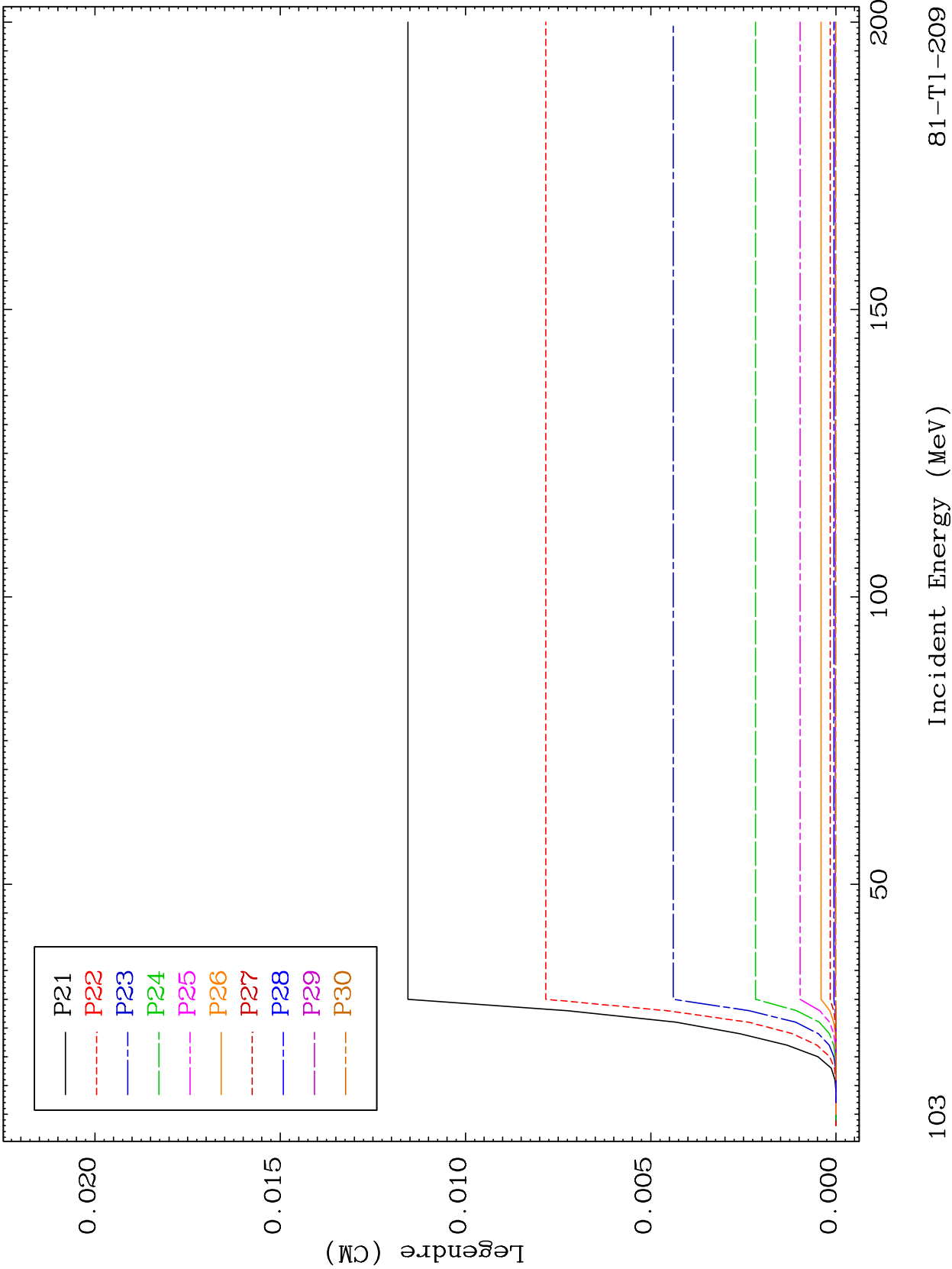
81-T1-209



102

Incident Energy (MeV)

81-T1-209

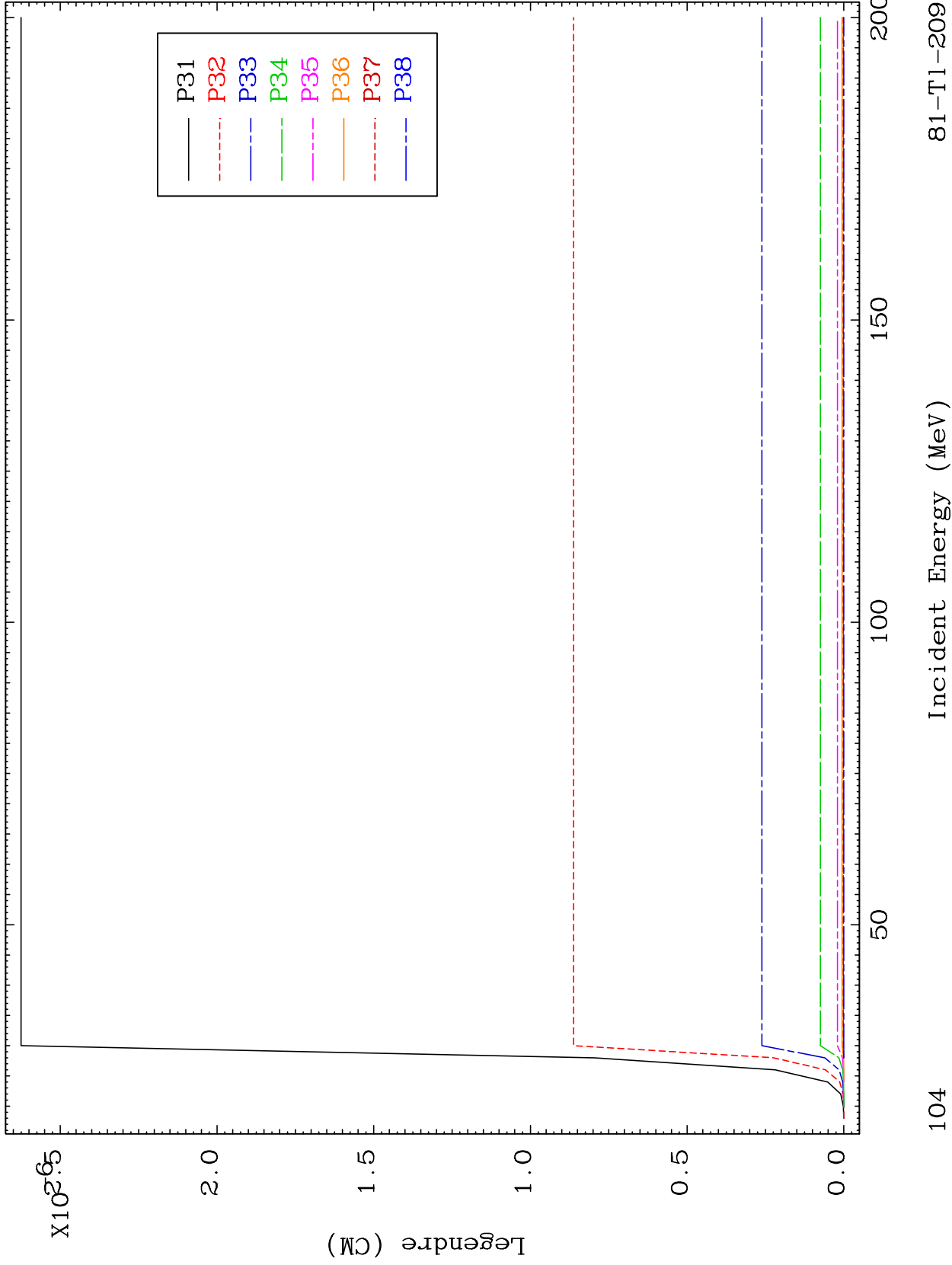




MAT 8143

1.781 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



104

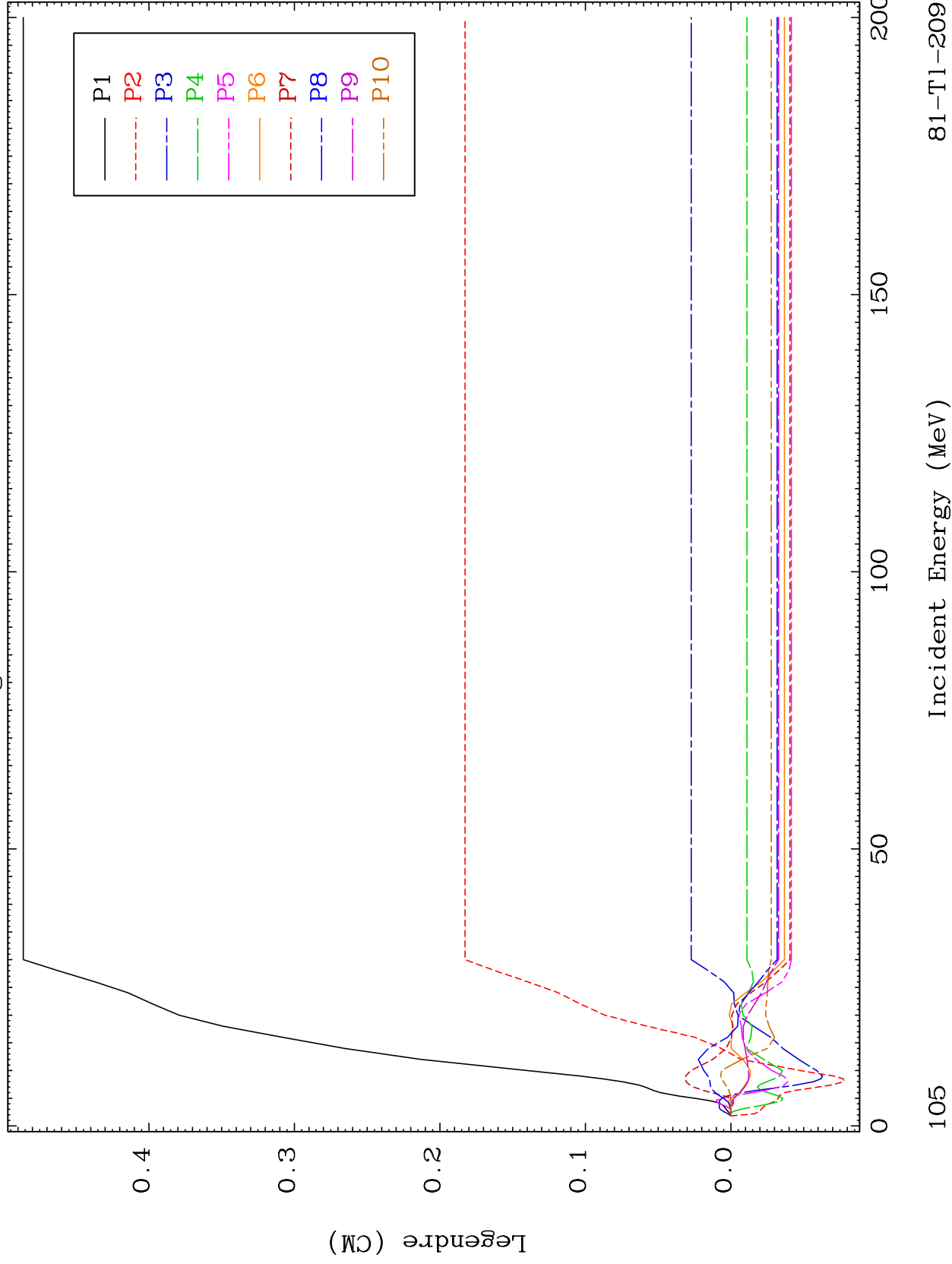
Incident Energy (MeV)

81-T1-209

MAT 8143

1.782 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



81-T1-209

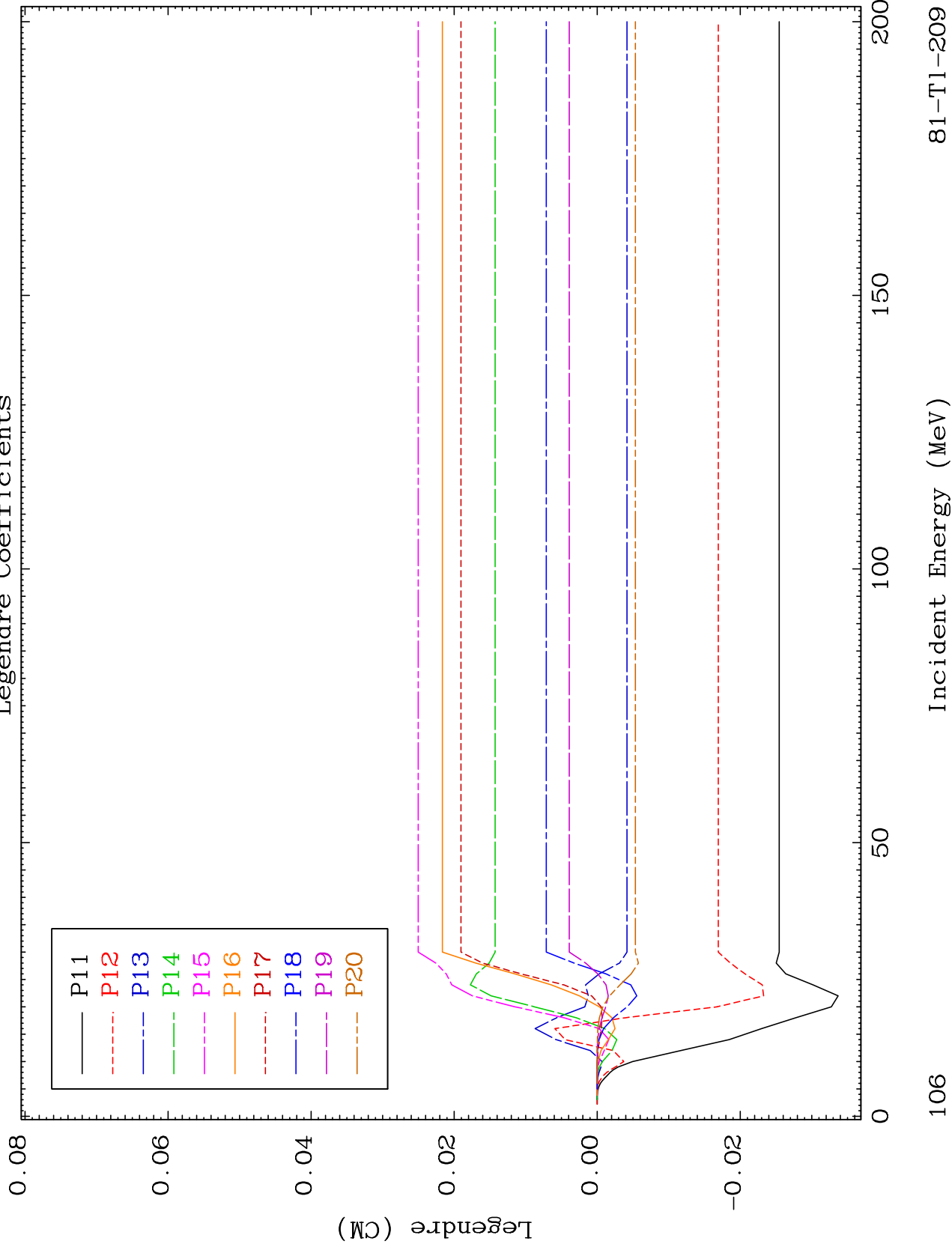
Incident Energy (MeV)

105

MAT 8143

1.782 MeV (n, n') Level  
Legendre Coefficients

81-T1-209



106

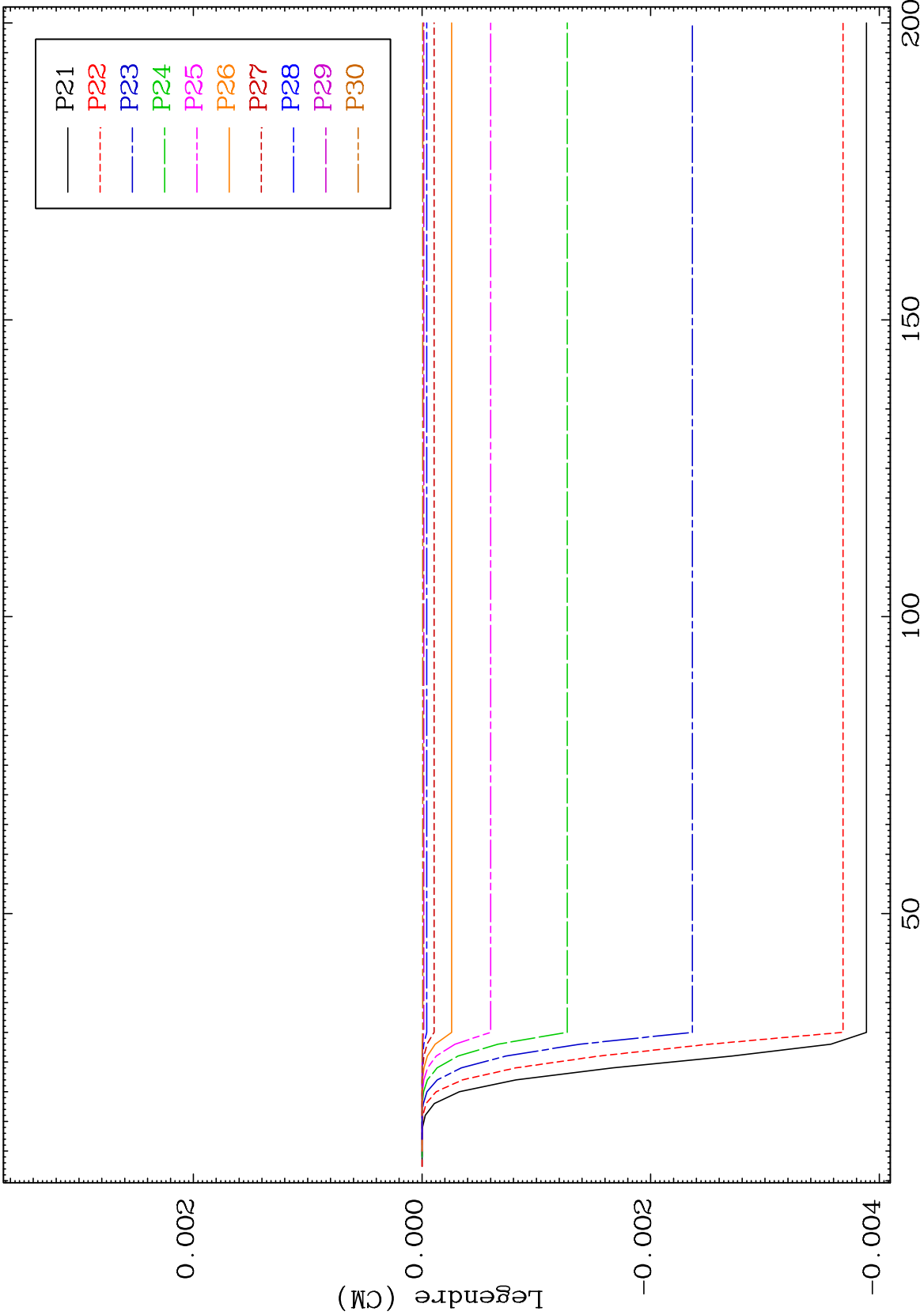
Incident Energy (MeV)

81-T1-209

MAT 8143

1.782 MeV (n,n') Level  
Legendre Coefficients

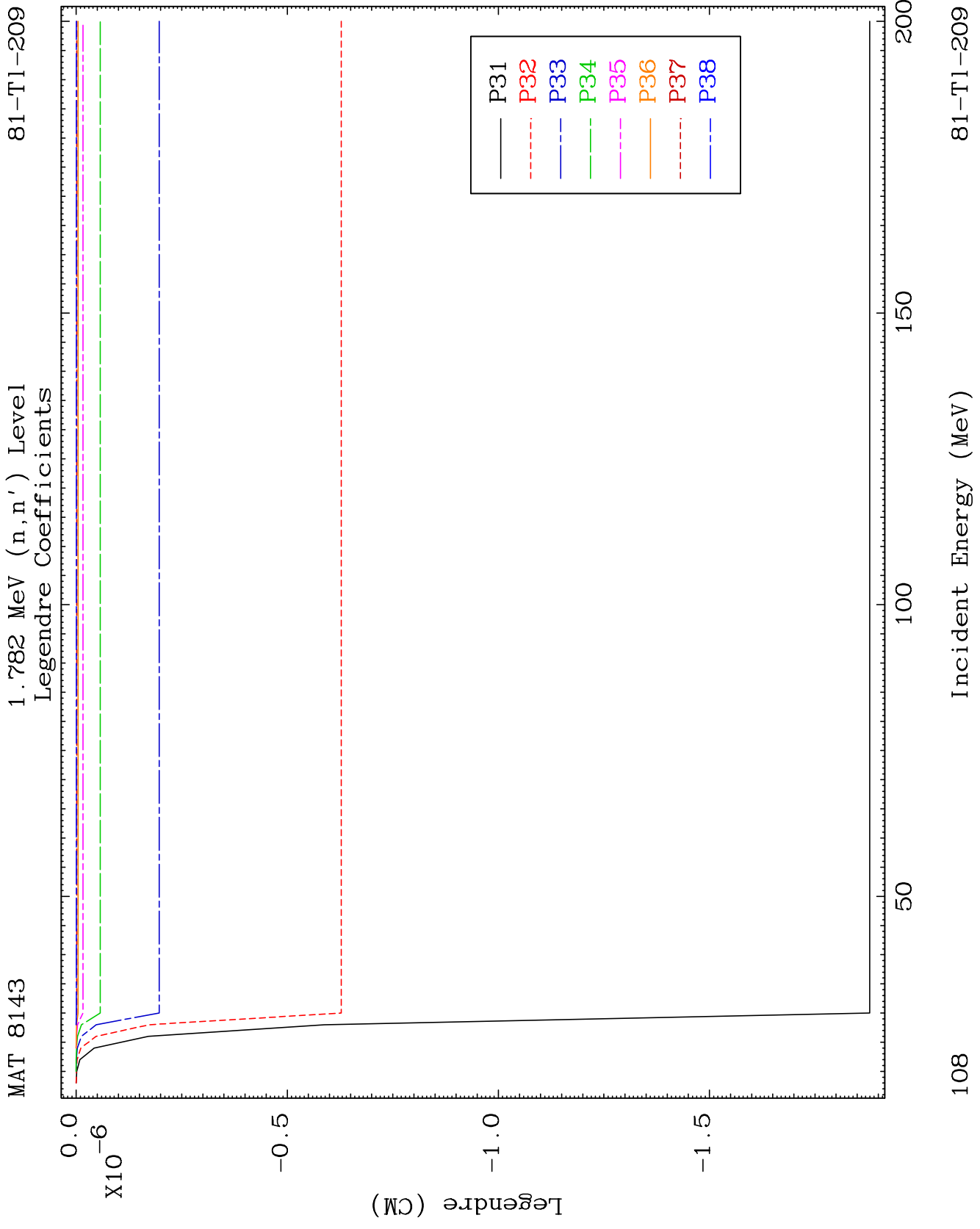
81-T1-209



107

Incident Energy (MeV)

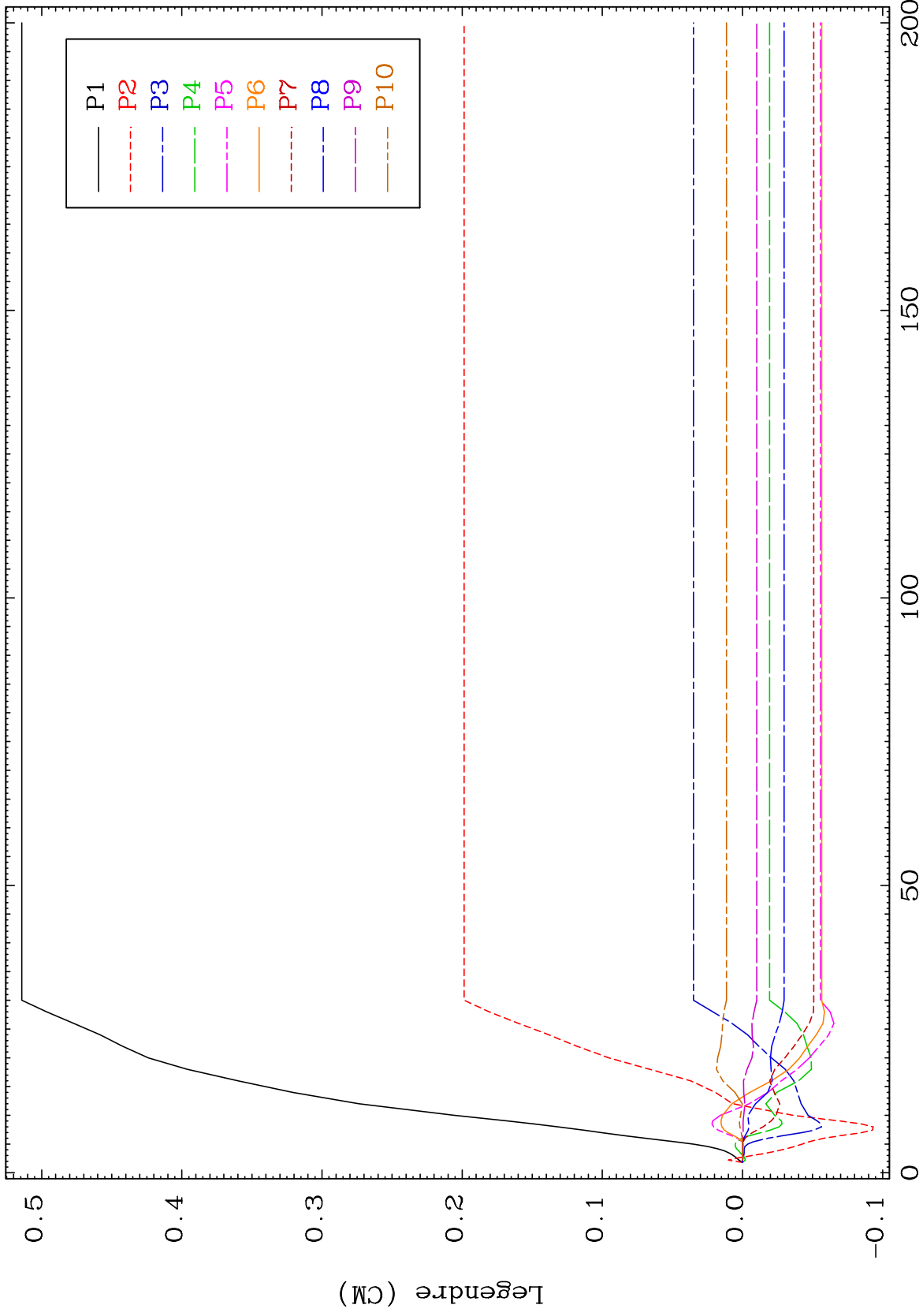
81-T1-209



MAT 8143

1.784 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



81-T1-209

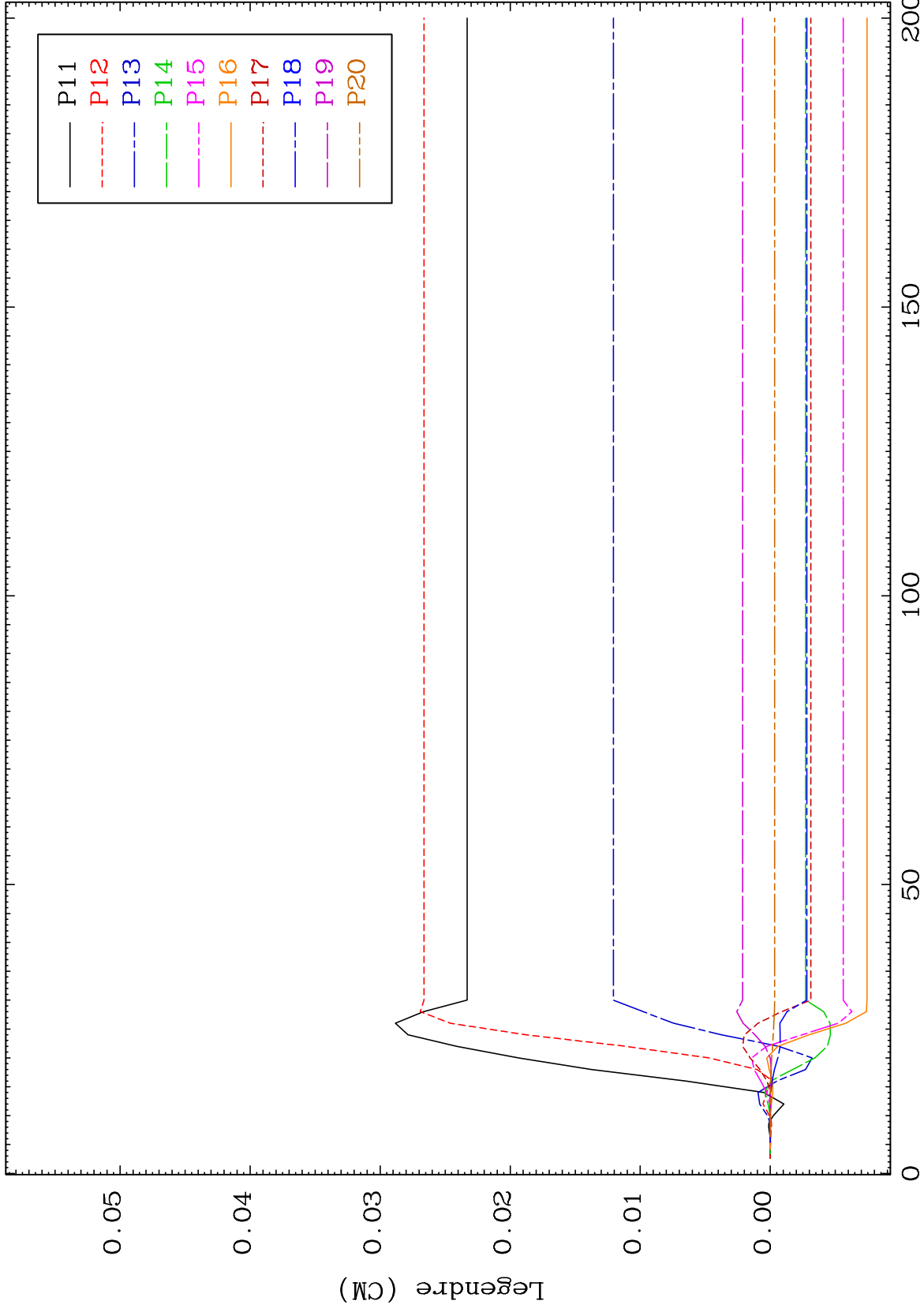
Incident Energy (MeV)

109

MAT 8143

1.784 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



110

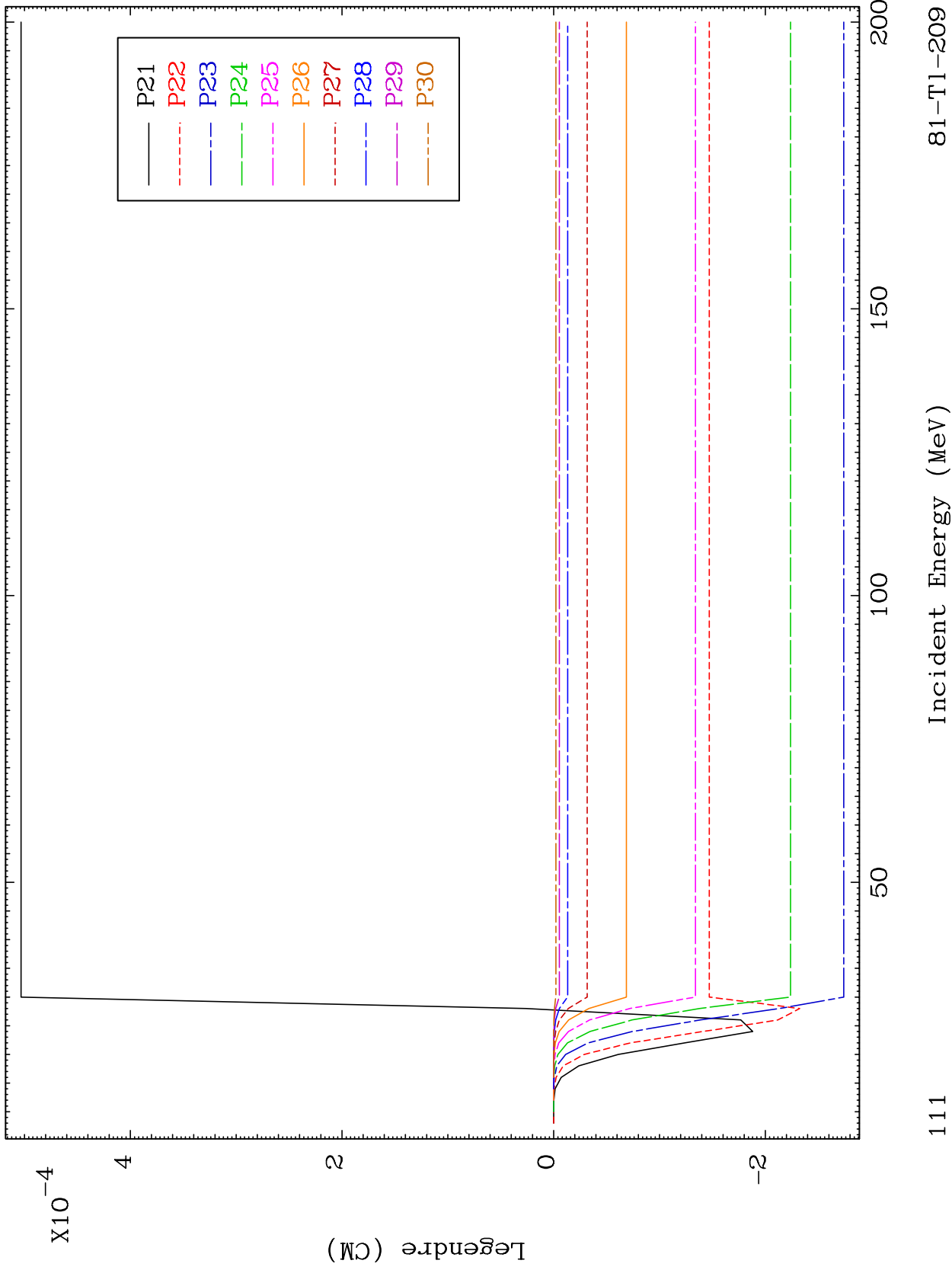
Incident Energy (MeV)

81-T1-209

MAT 8143

1.784 MeV (n,n') Level  
Legendre Coefficients

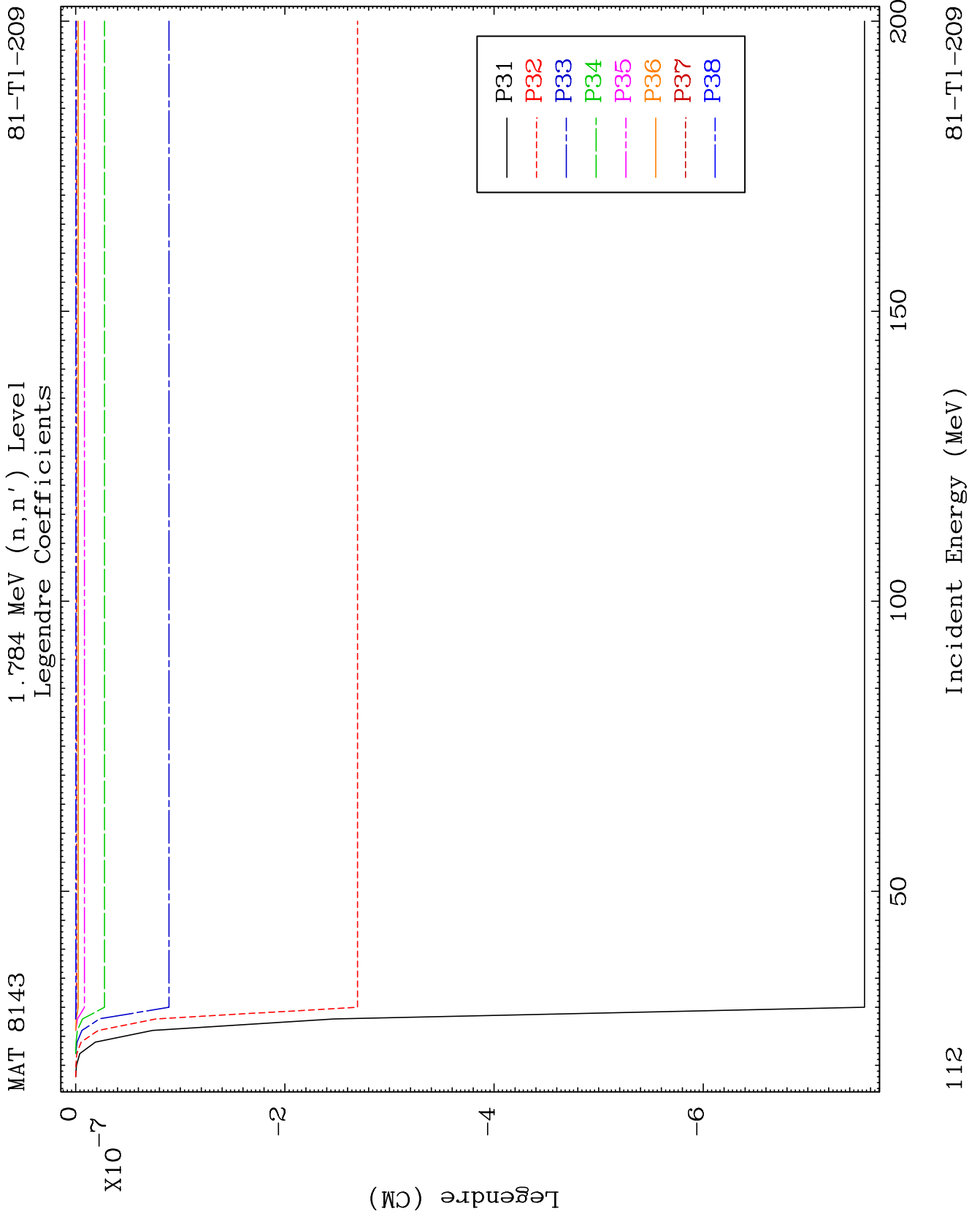
81-T1-209



111

81-T1-209

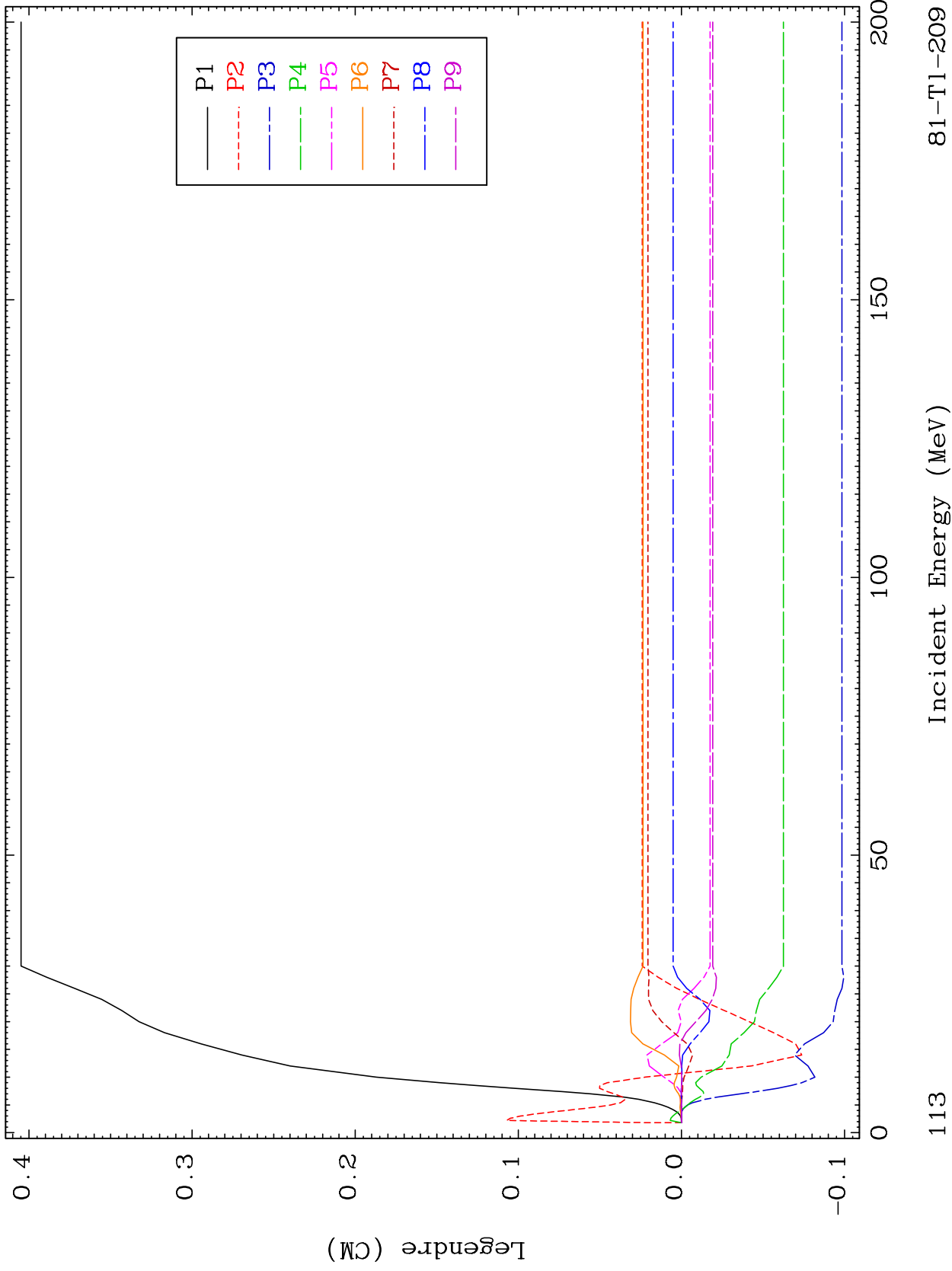




MAT 8143

1.786 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



113

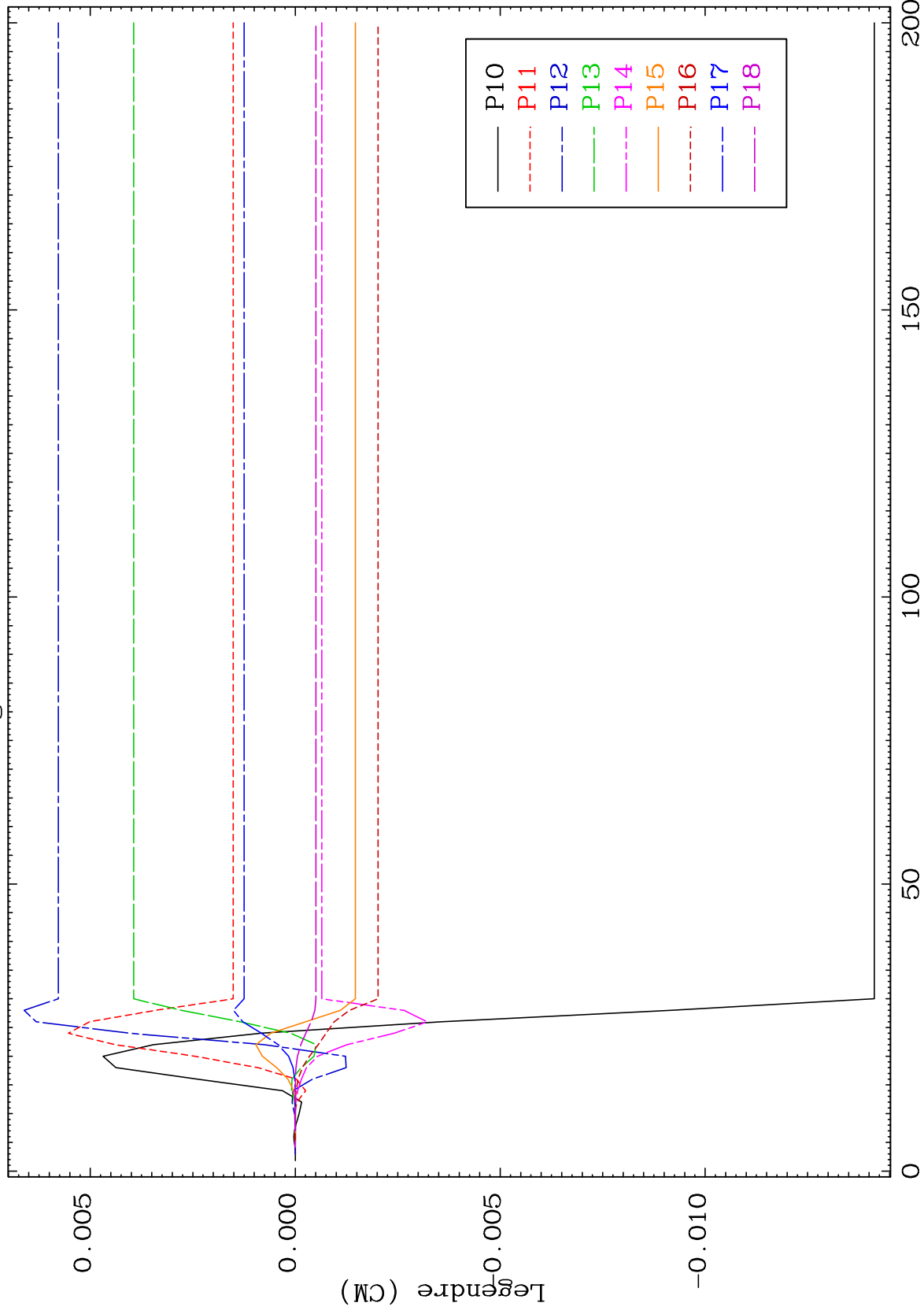
Incident Energy (MeV)

81-T1-209

MAT 8143

1.786 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



114

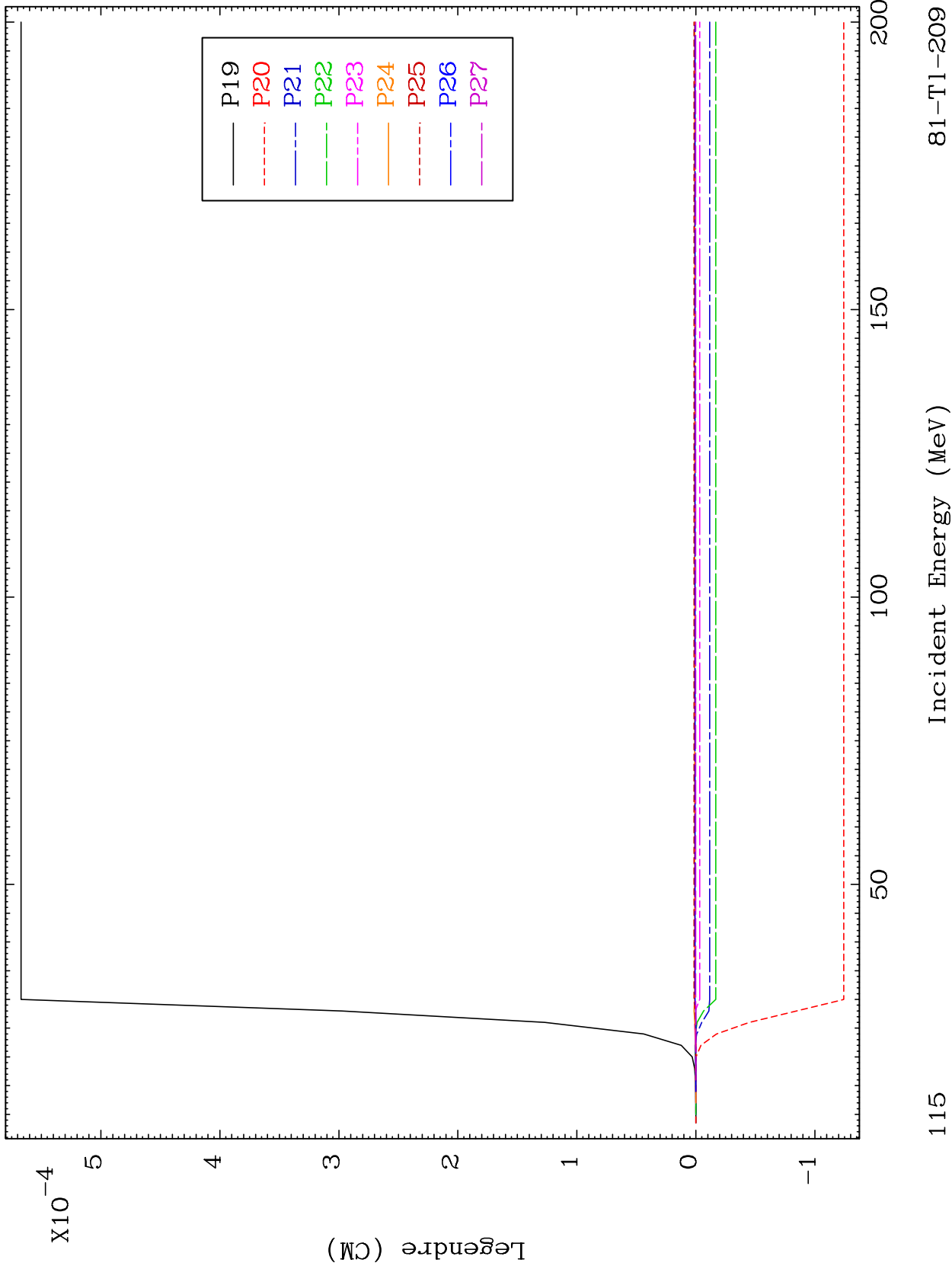
Incident Energy (MeV)

81-T1-209

MAT 8143

1.786 MeV (n,n') Level  
Legendre Coefficients

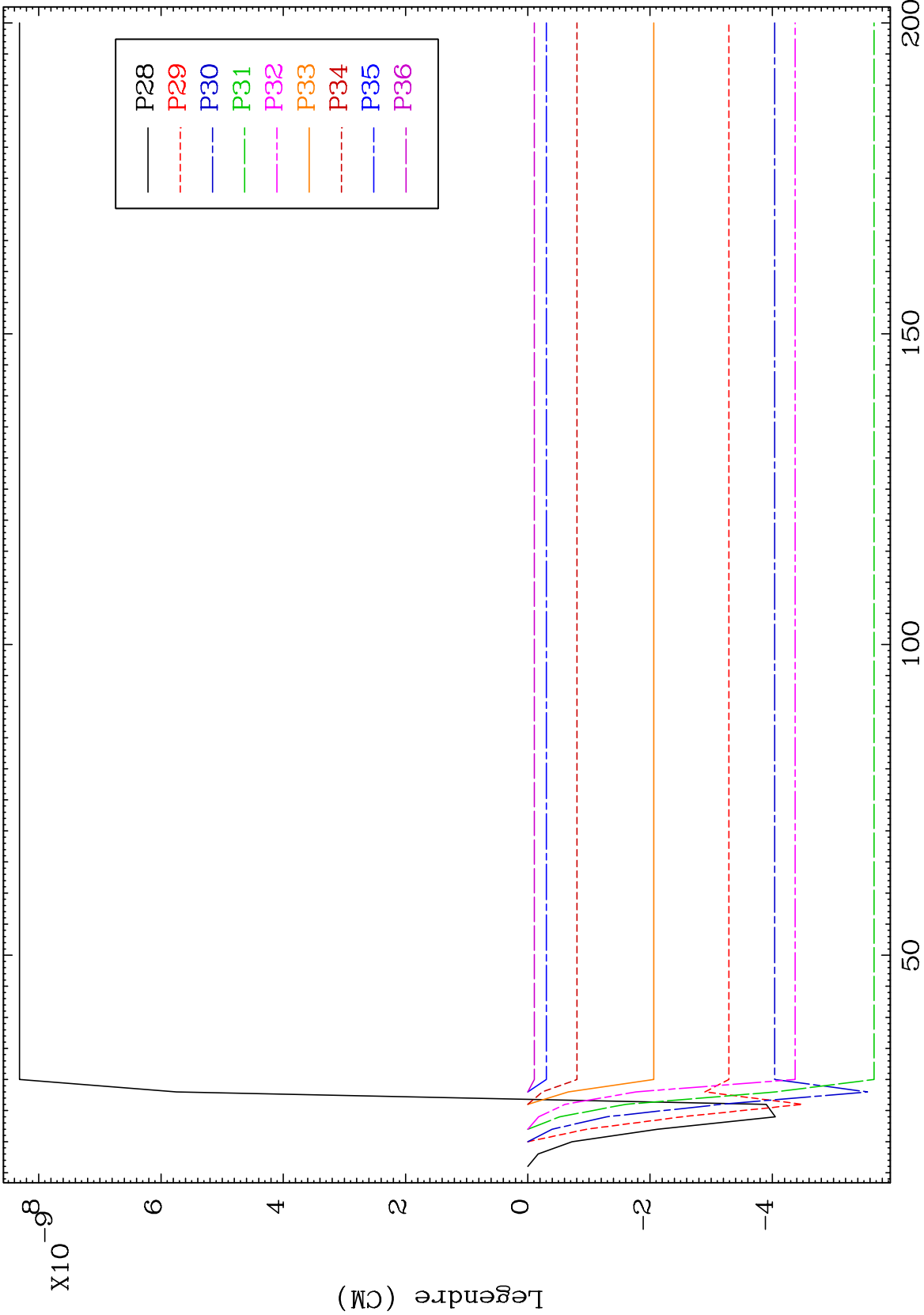
81-T1-209



MAT 8143

1.786 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



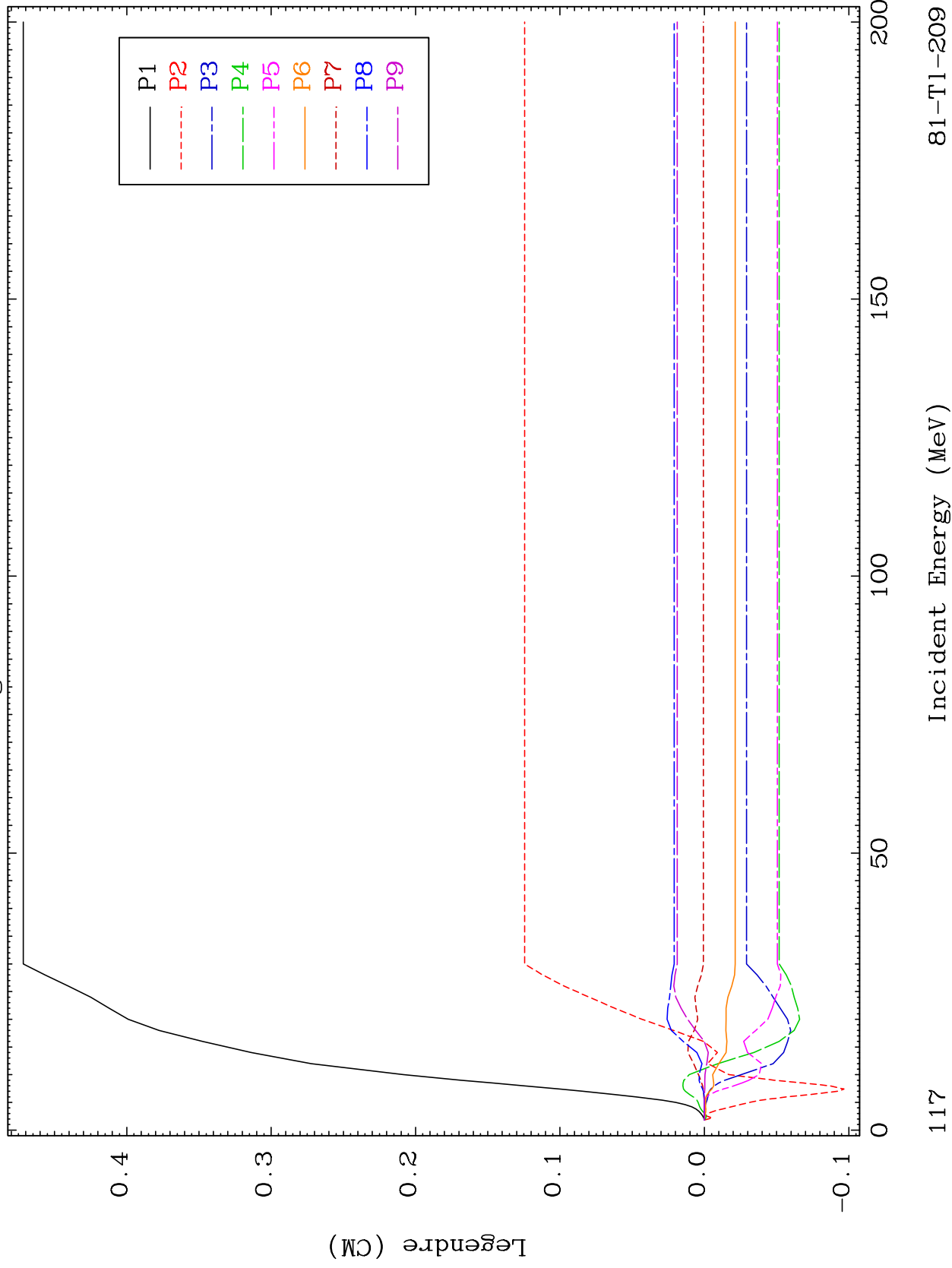
116

81-T1-209

MAT 8143

1.795 MeV (n,n') Level  
Legendre Coefficients

81-T1-209

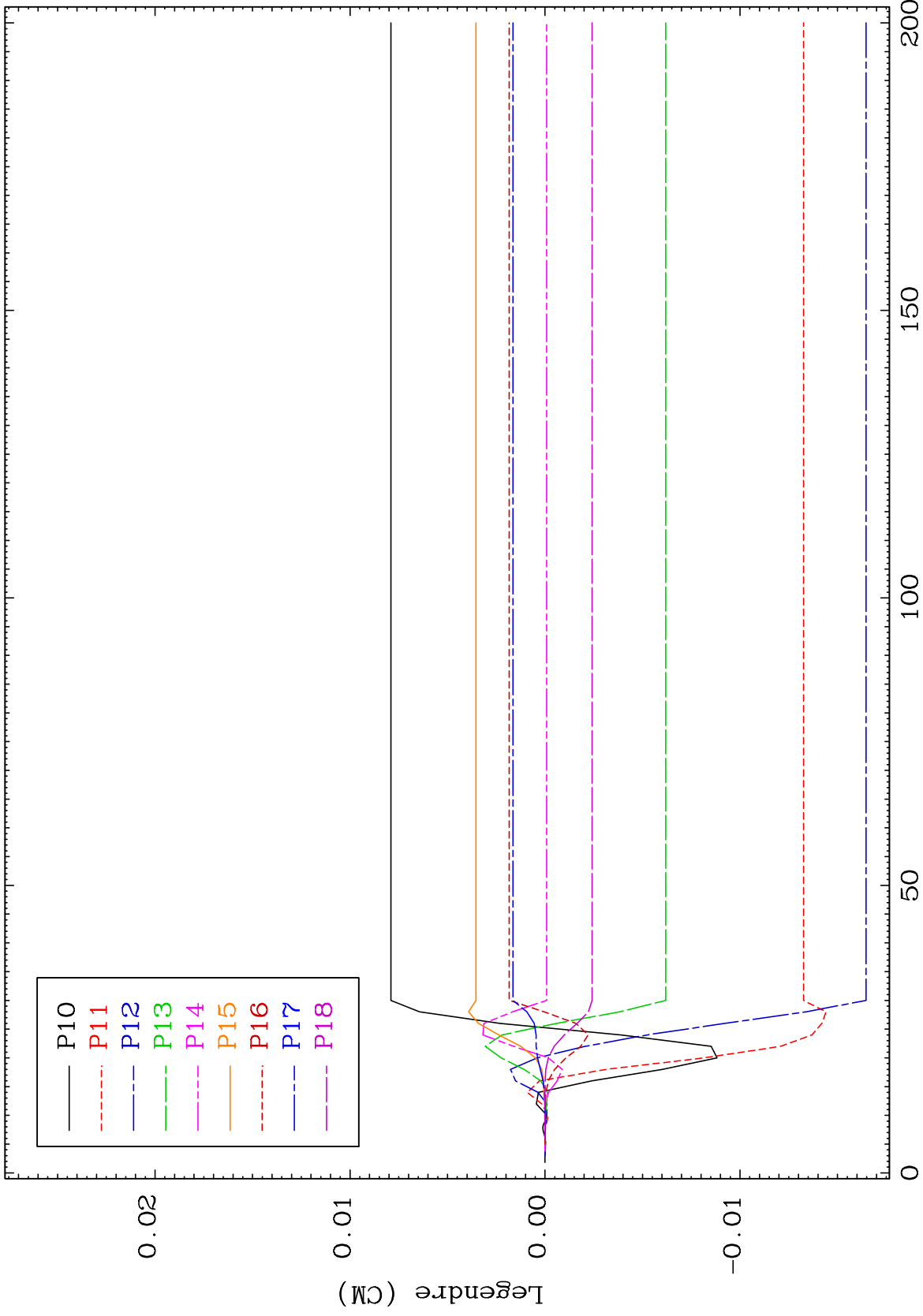


117

MAT 8143

1.795 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



118

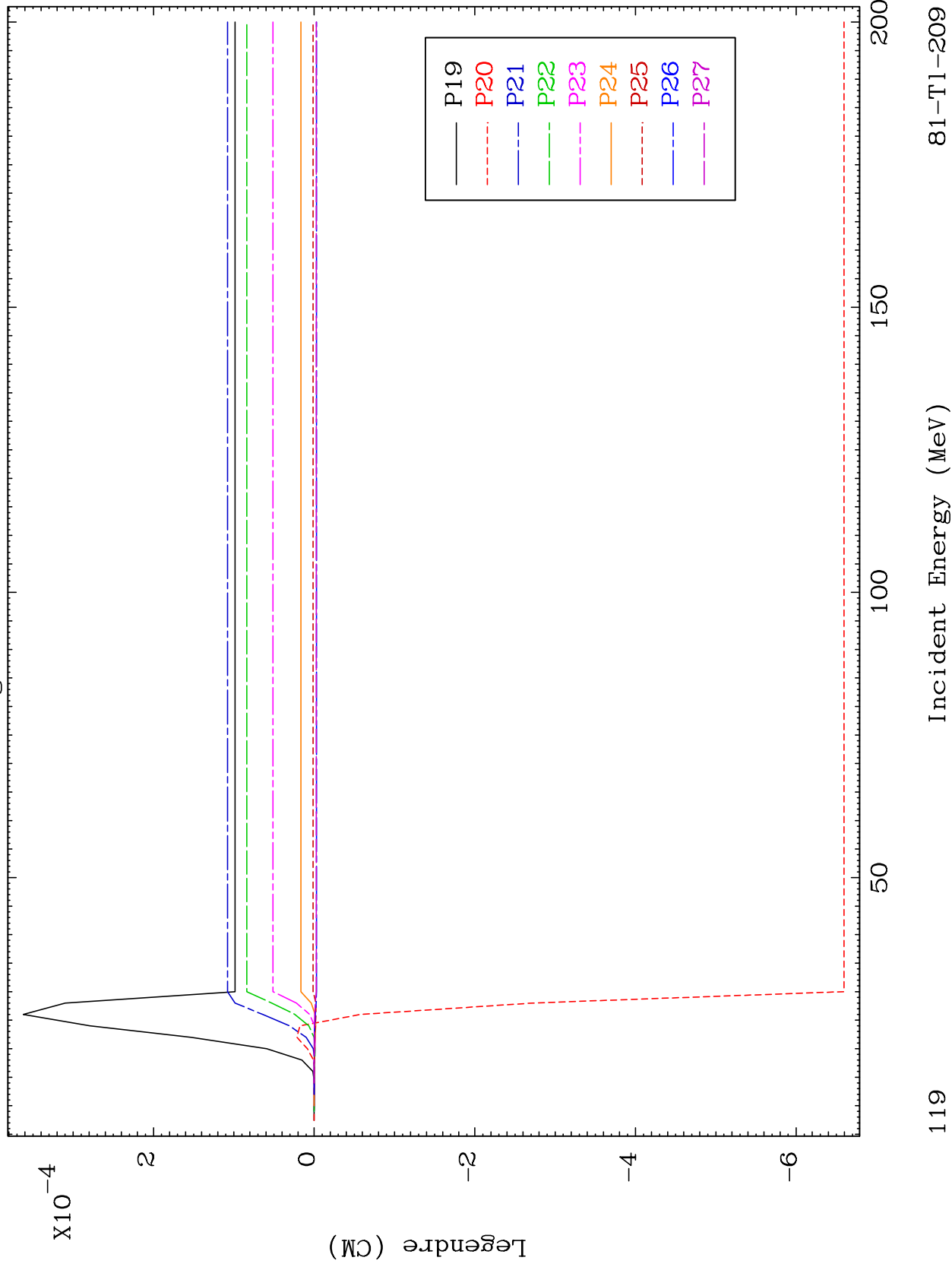
Incident Energy (MeV)

81-T1-209

MAT 8143

1.795 MeV (n,n') Level  
Legendre Coefficients

81-T1-209

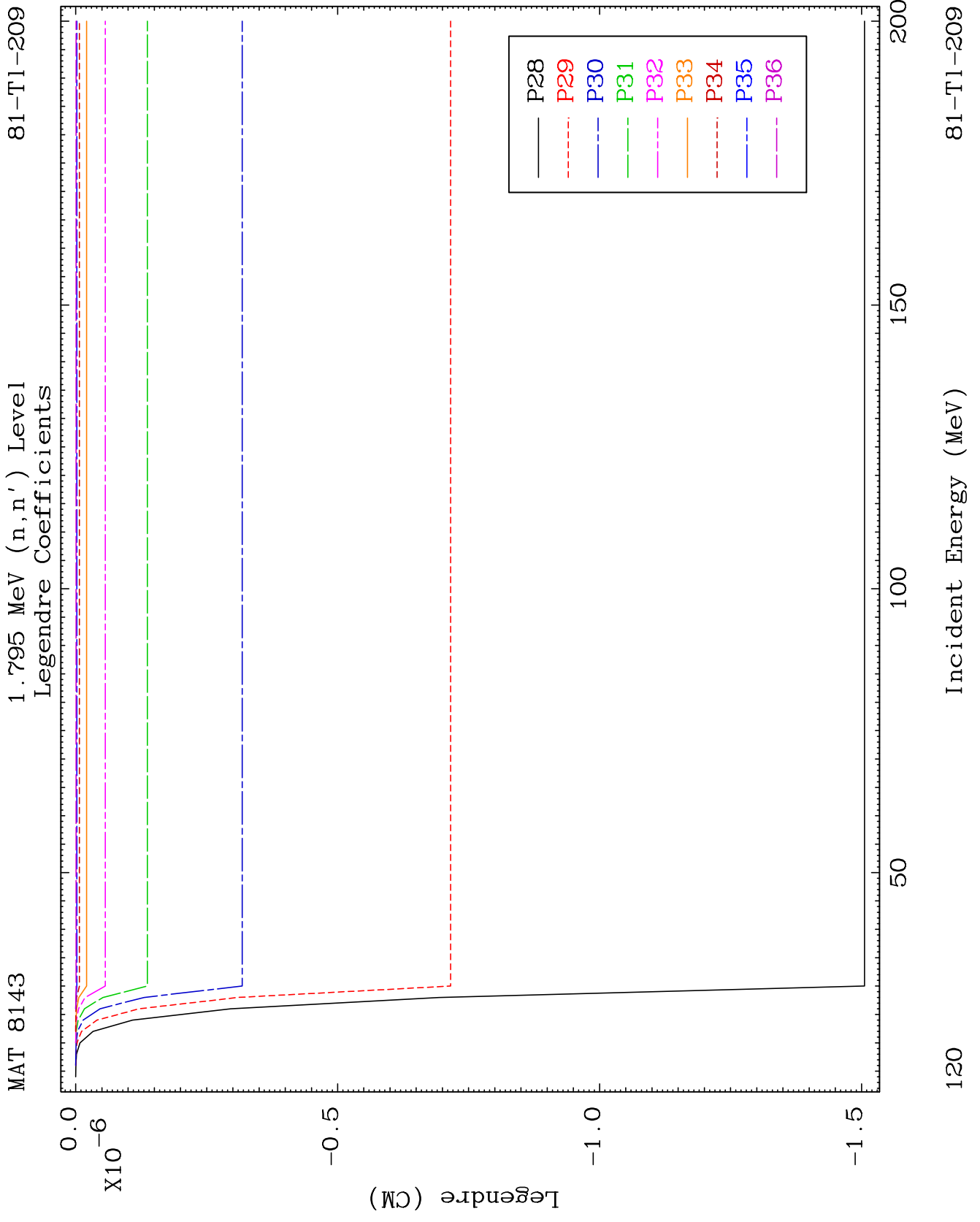


119

Incident Energy (MeV)

81-T1-209



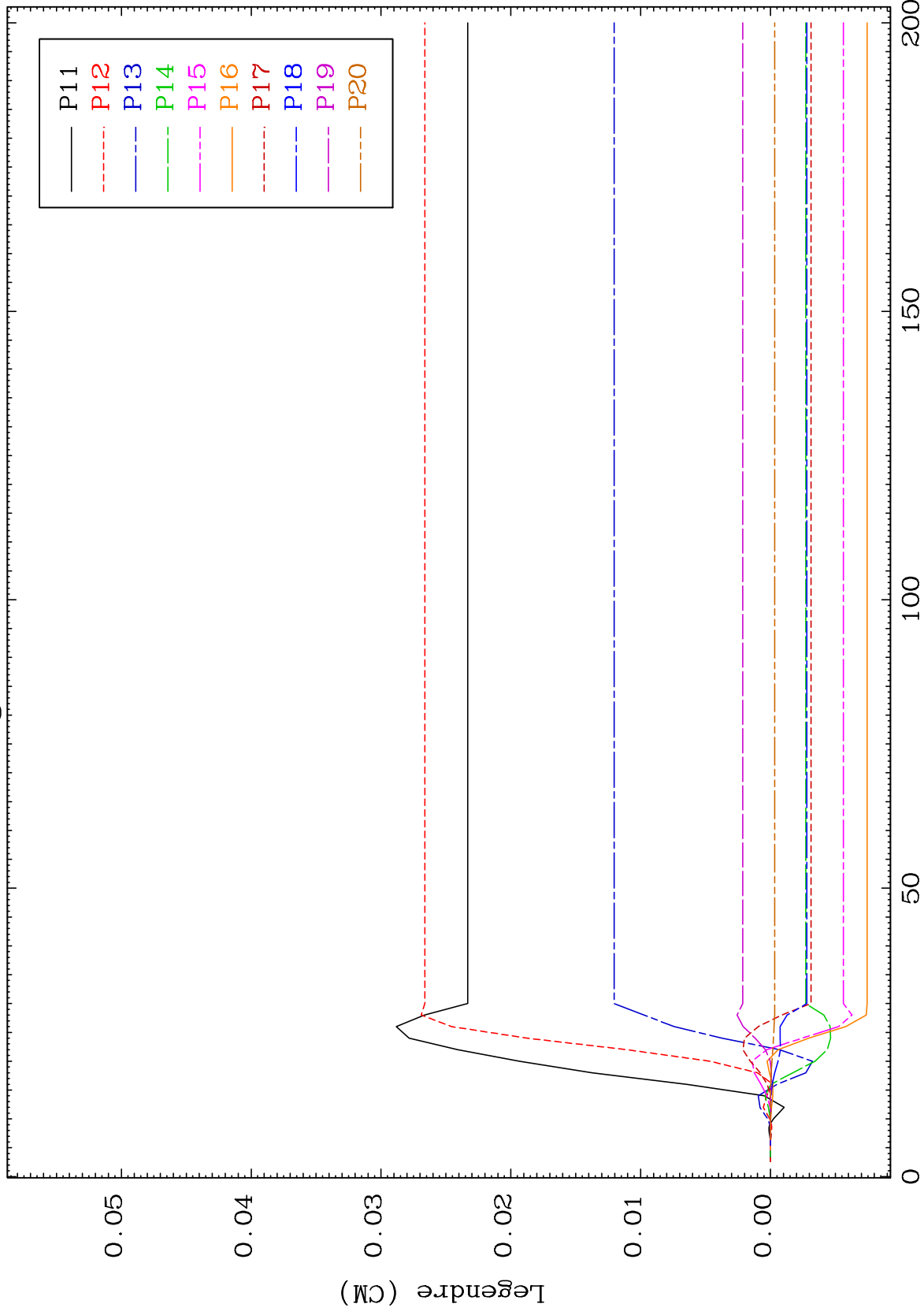




MAT 8143

1.796 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



122

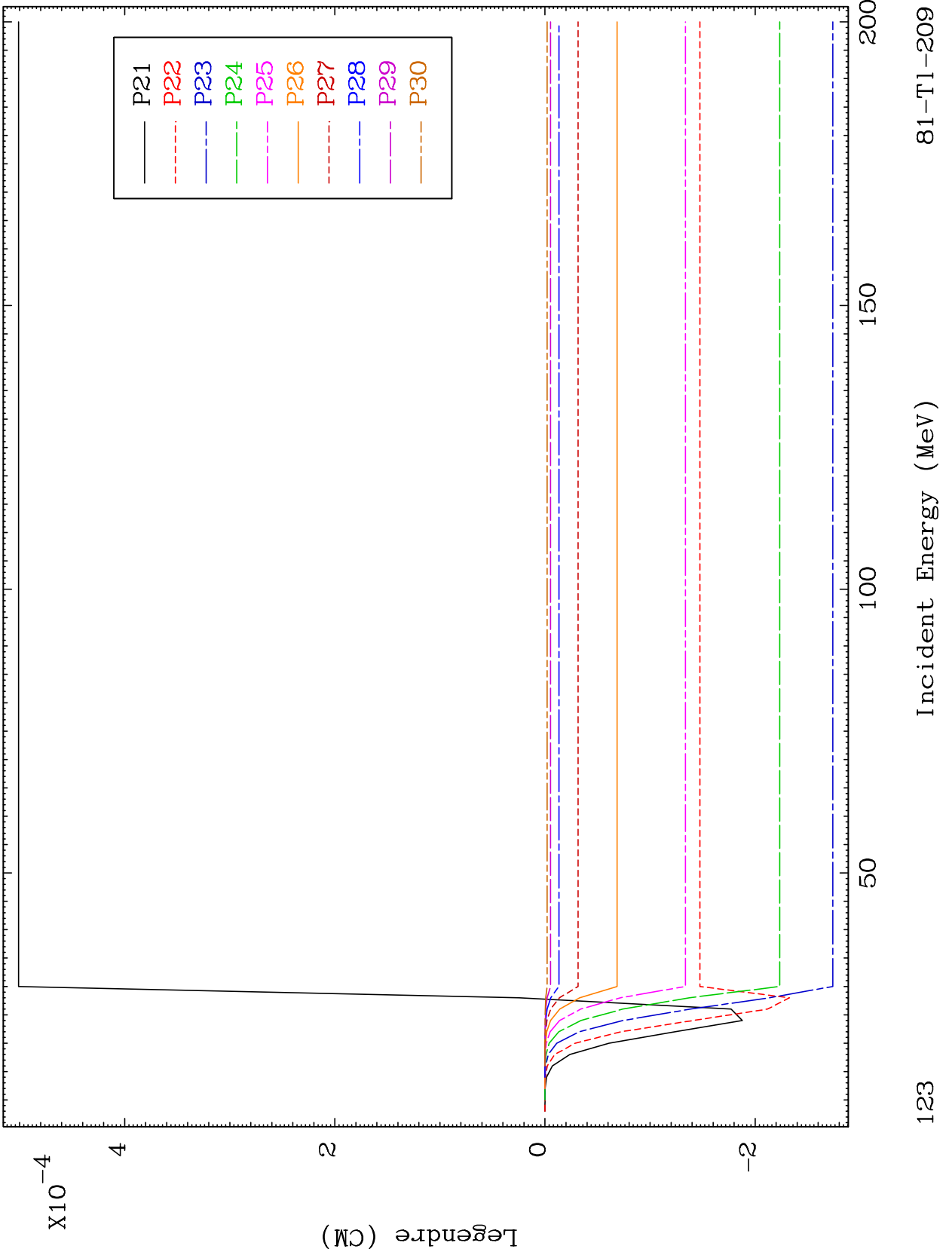
Incident Energy (MeV)

81-T1-209

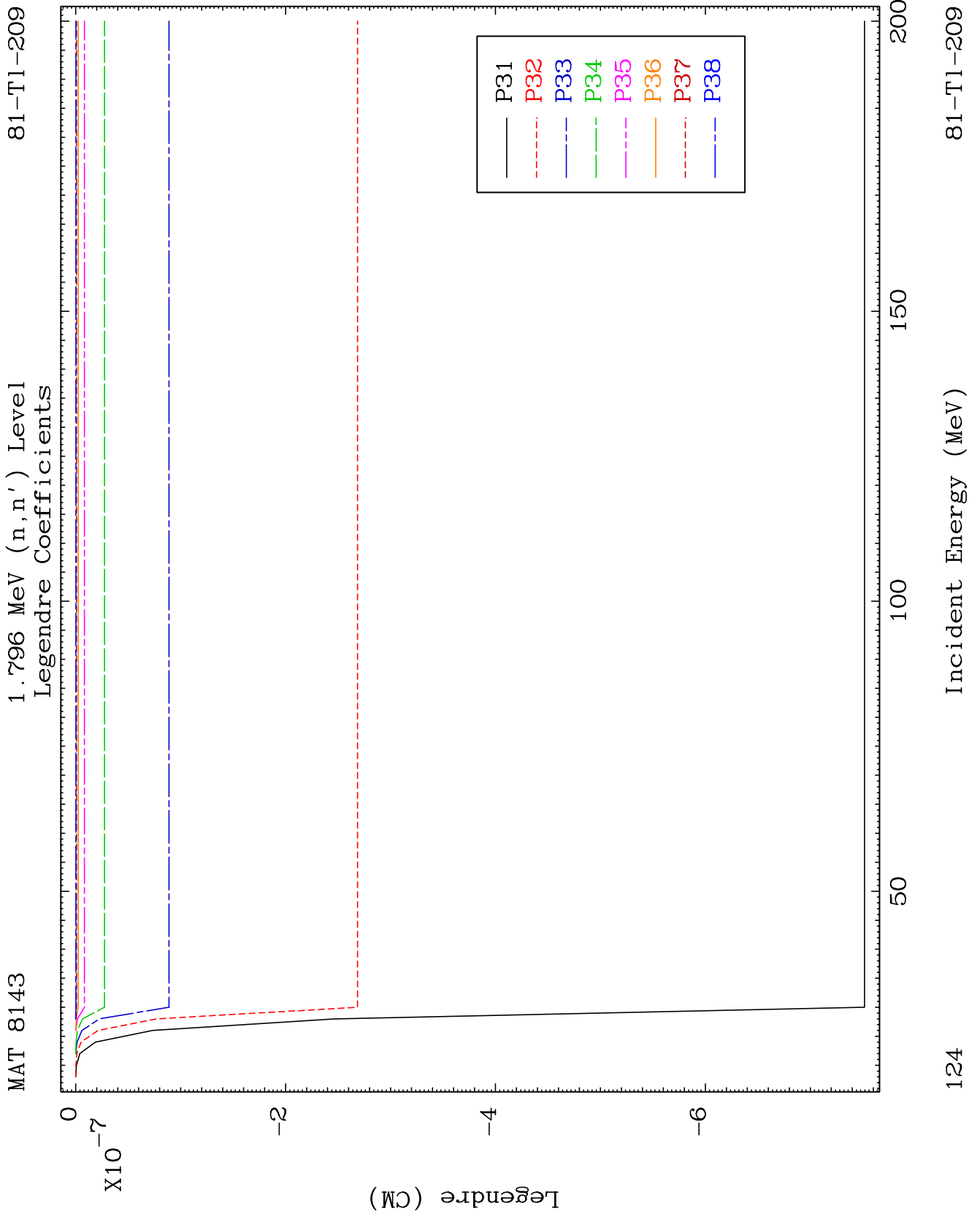
MAT 8143

1.796 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



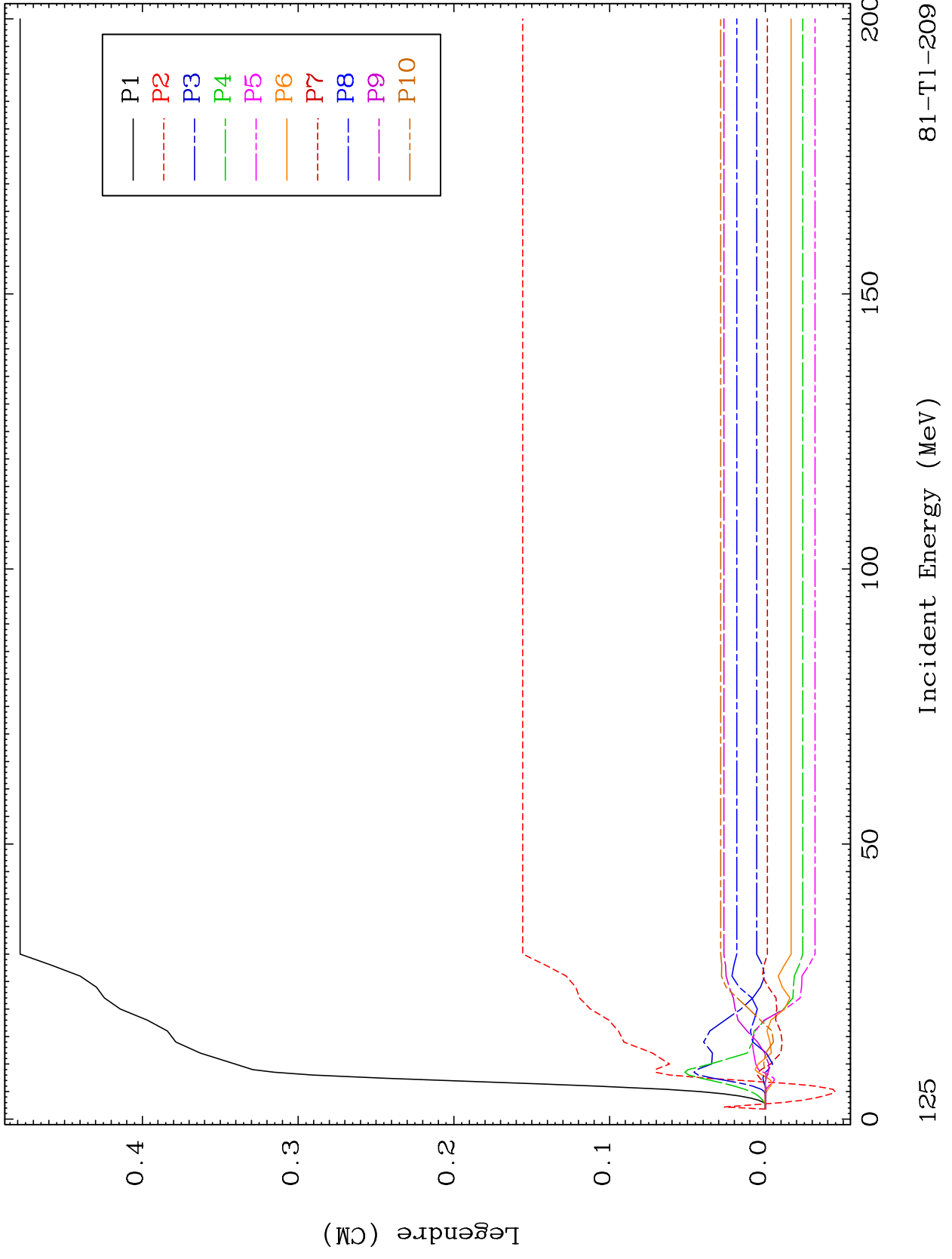
123



MAT 8143

1.797 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



81-T1-209

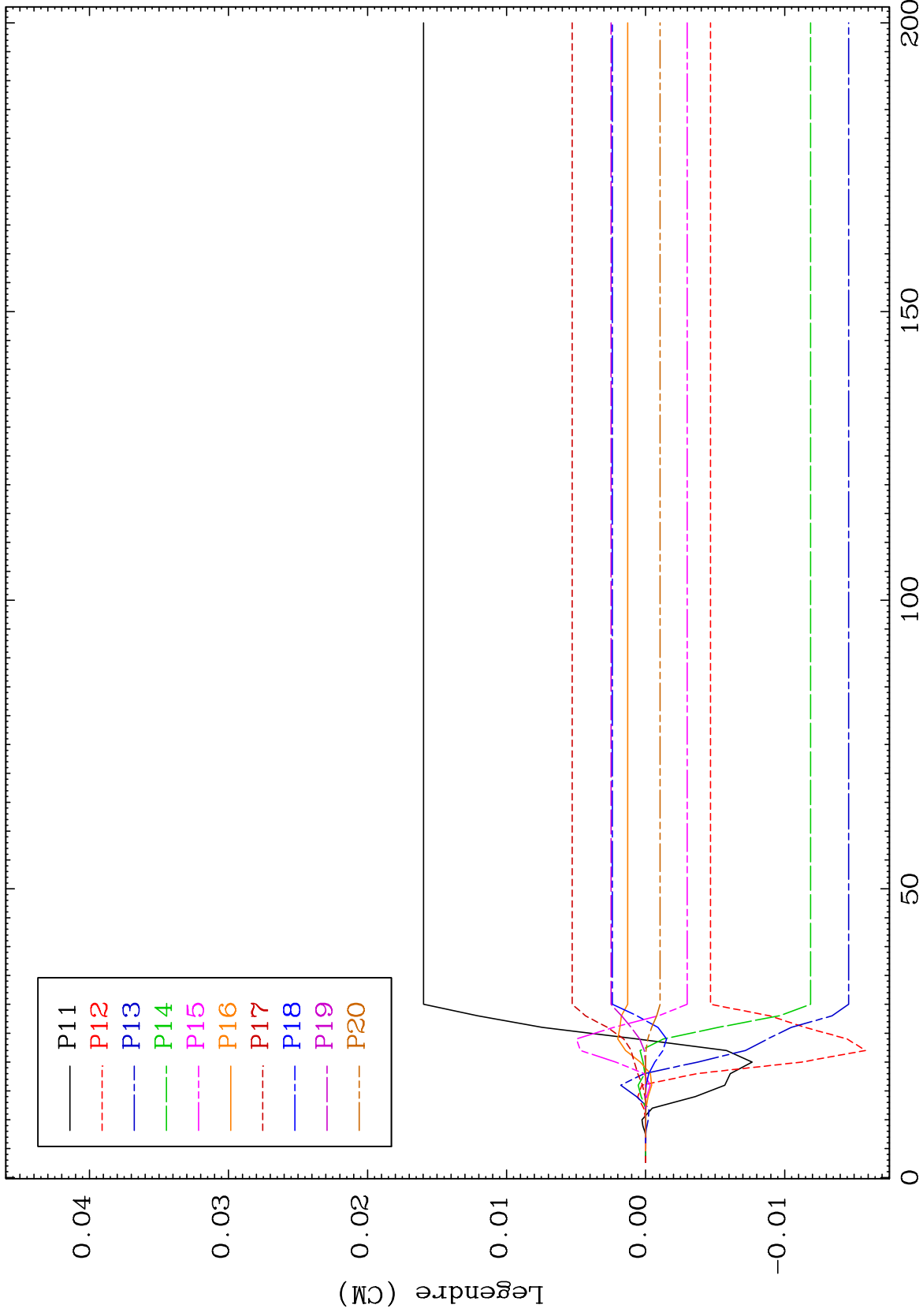
Incident Energy (MeV)

125

MAT 8143

1.797 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



126

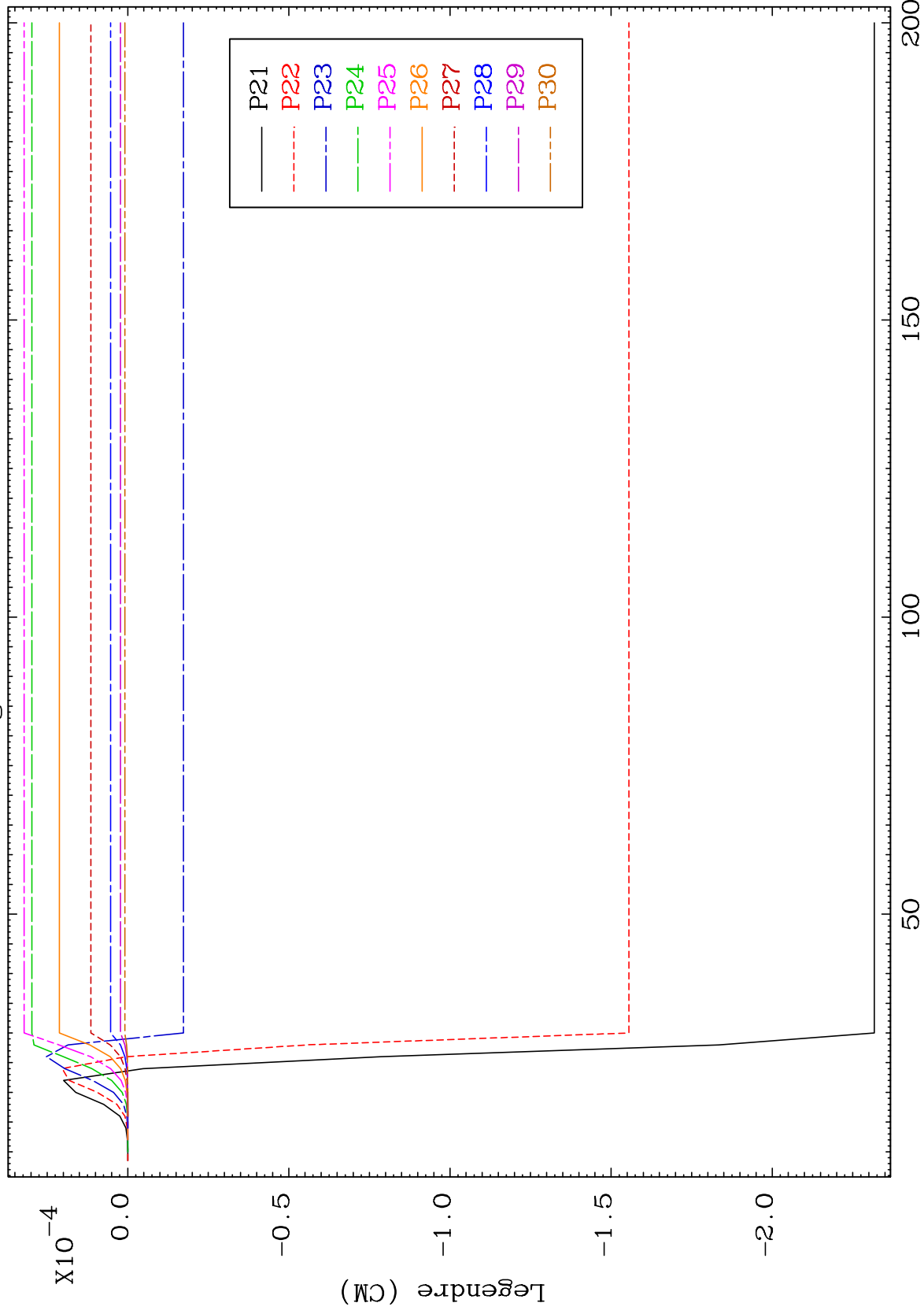
Incident Energy (MeV)

81-T1-209

MAT 8143

1.797 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



127

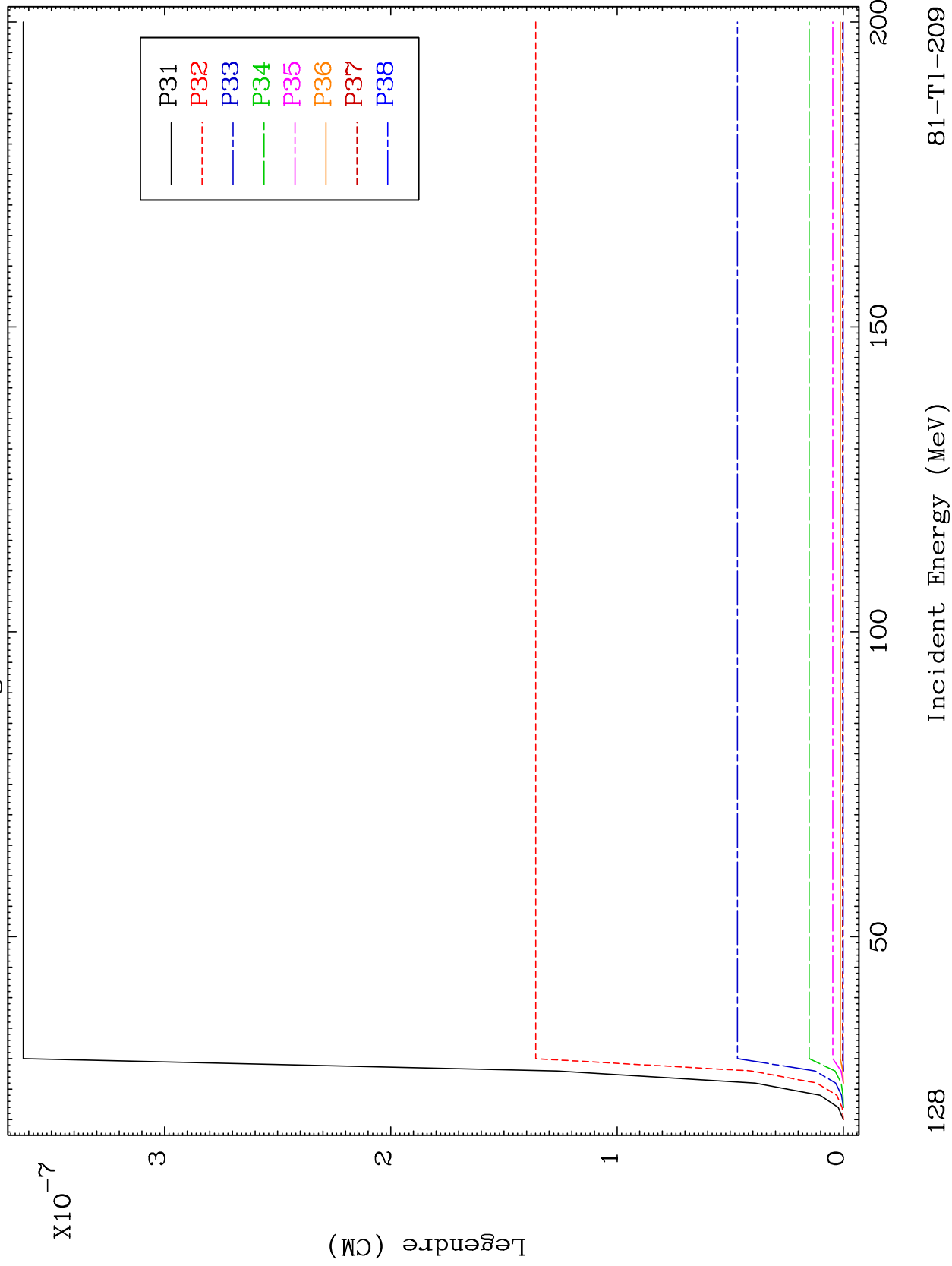
81-T1-209



MAT 8143

1.797 MeV (n,n') Level  
Legendre Coefficients

81-T1-209



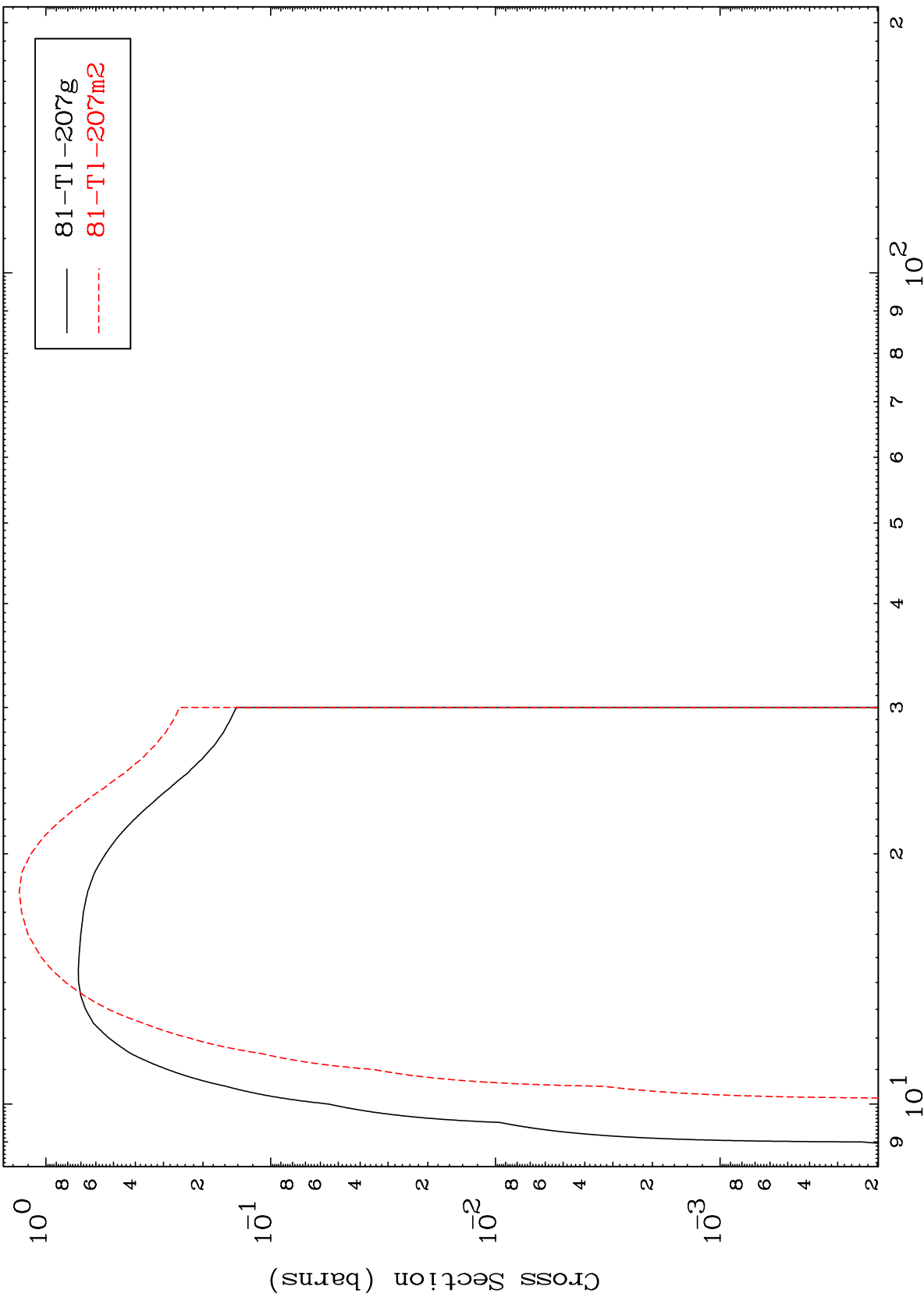
128

MAT 8143

81-Tl-209

(n,3n)

Radionuclide Production Cross Section



81-Tl-207g  
81-Tl-207m2

81-Tl-209

Incident Energy (MeV)

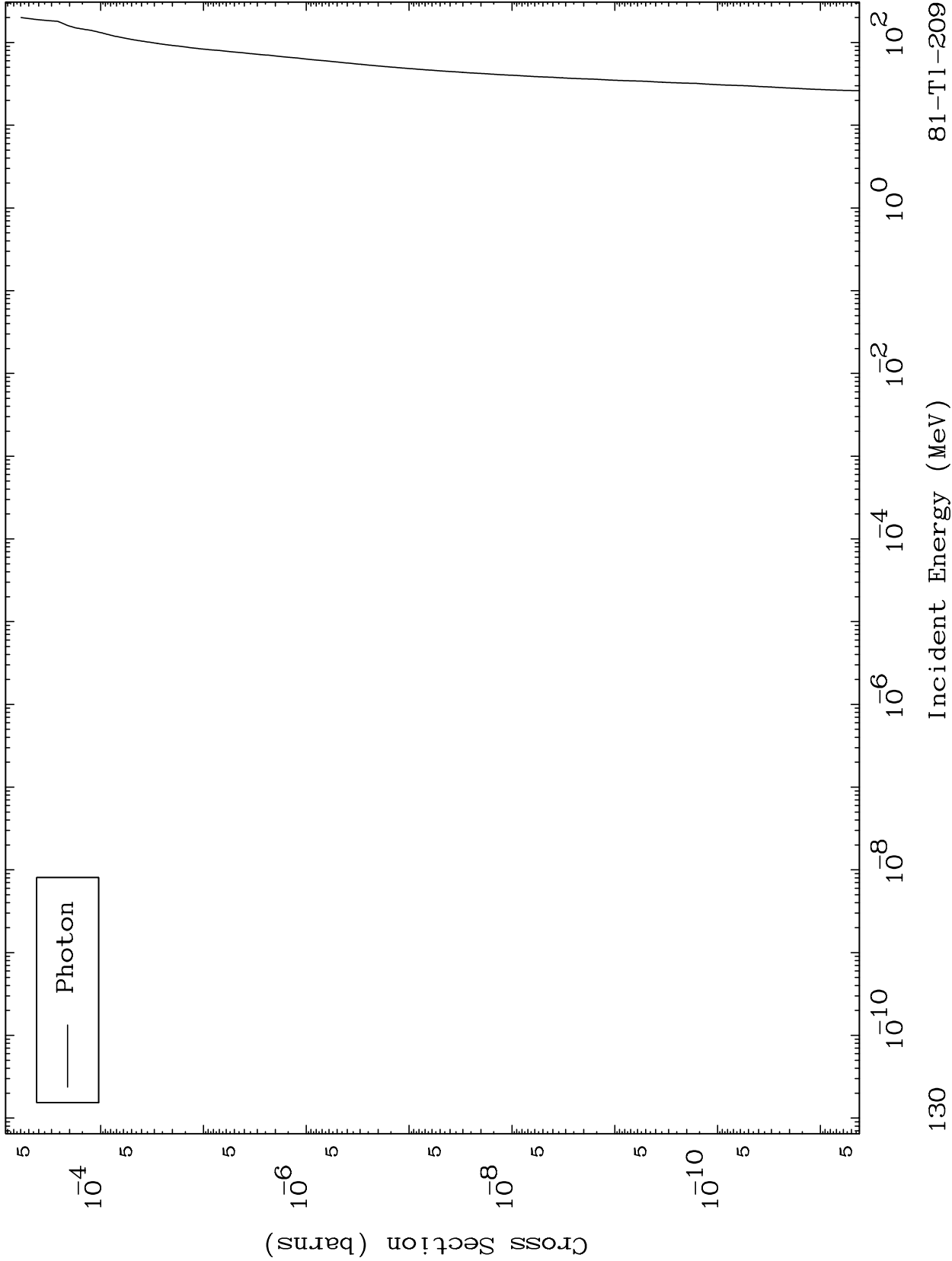
129

MAT 8143

Fission

81-Tl-209

Radionuclide Production Cross Section

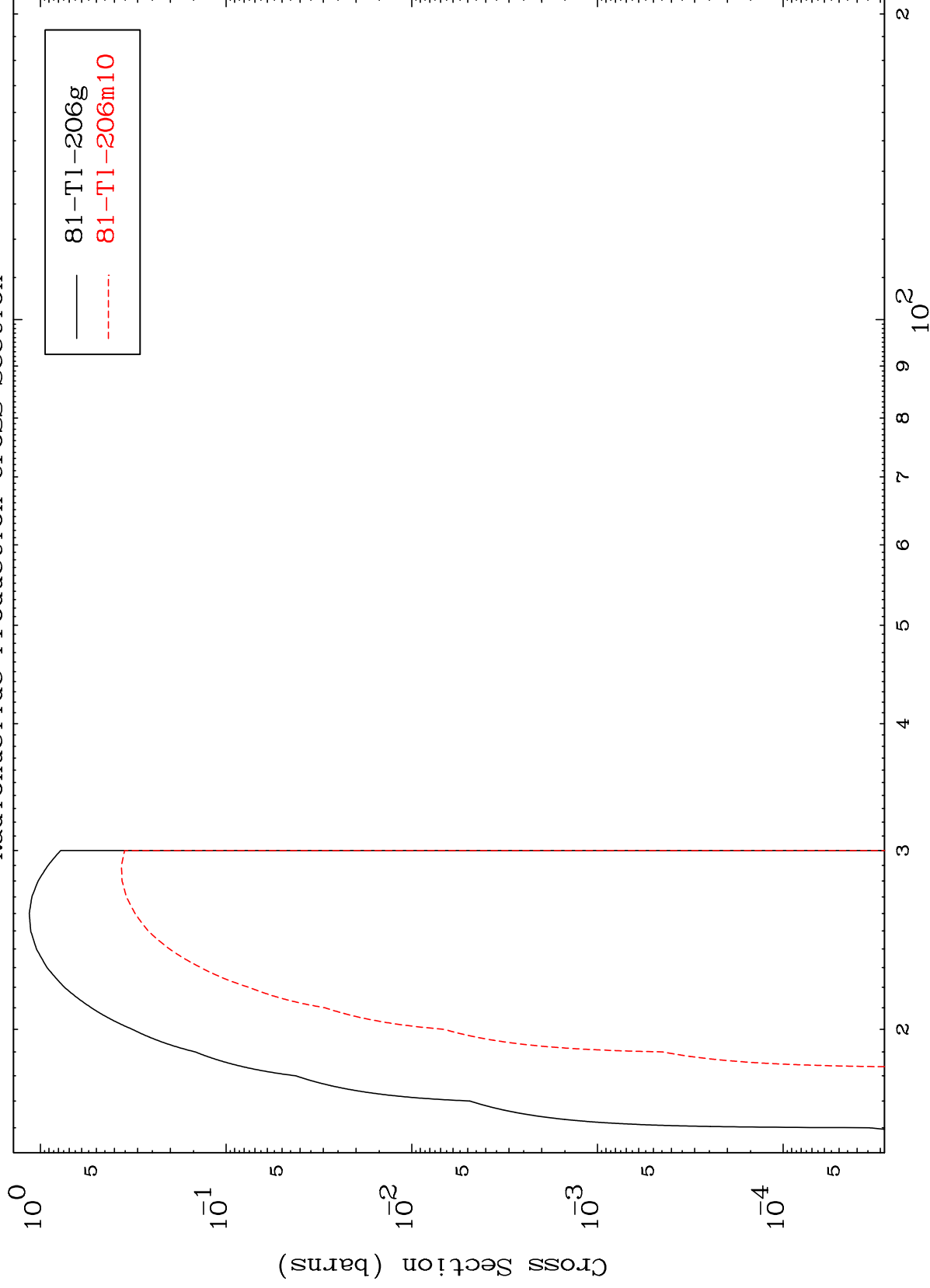


MAT 8143

(n,4n)

81-Tl-209

Radionuclide Production Cross Section



131

Incident Energy (MeV)

81-Tl-209