

Program EVALPLOT
(Version 2015-2)

by

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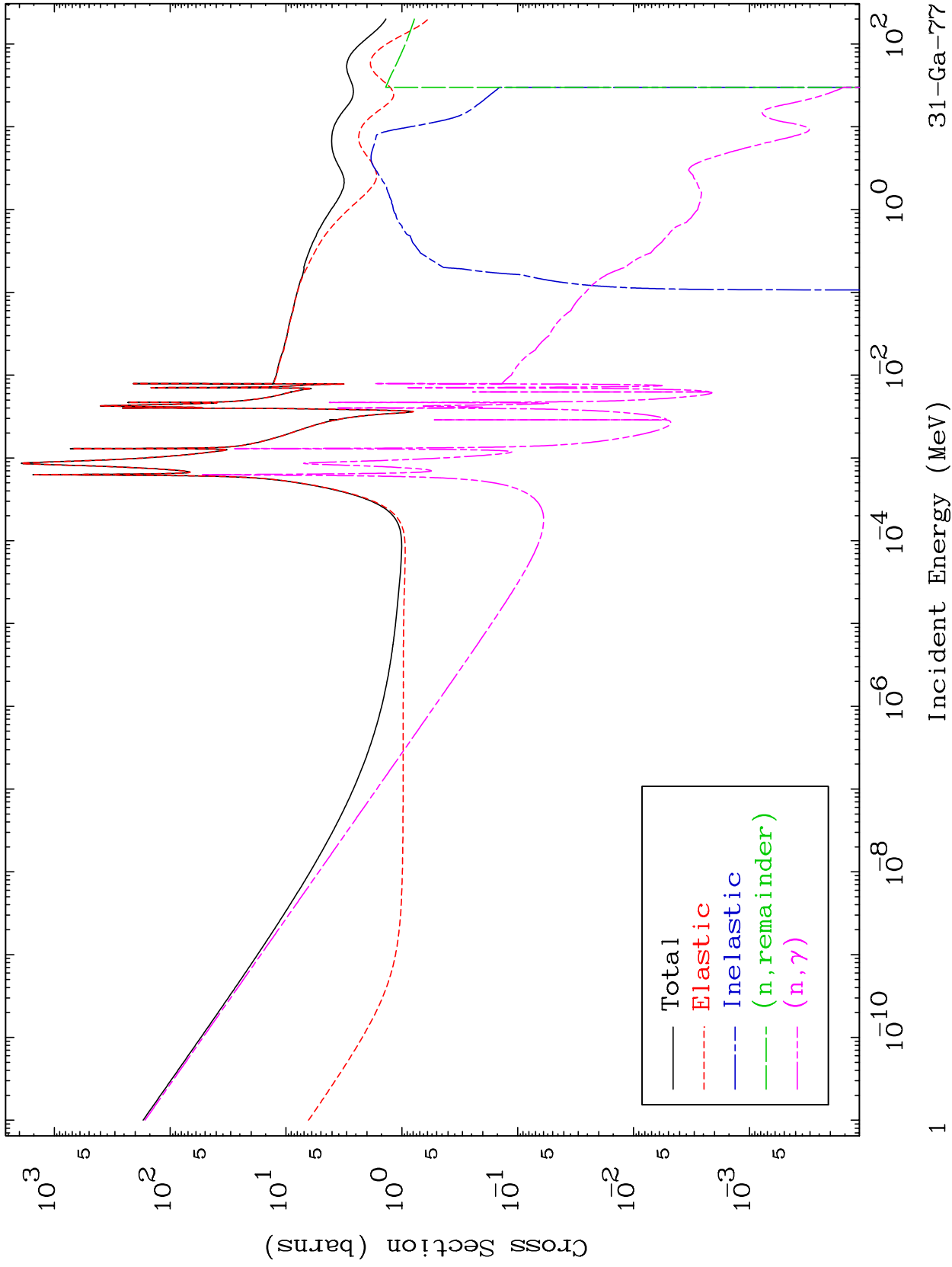
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3149

Major
293 Kelvin Cross Sections

31-Ga-77

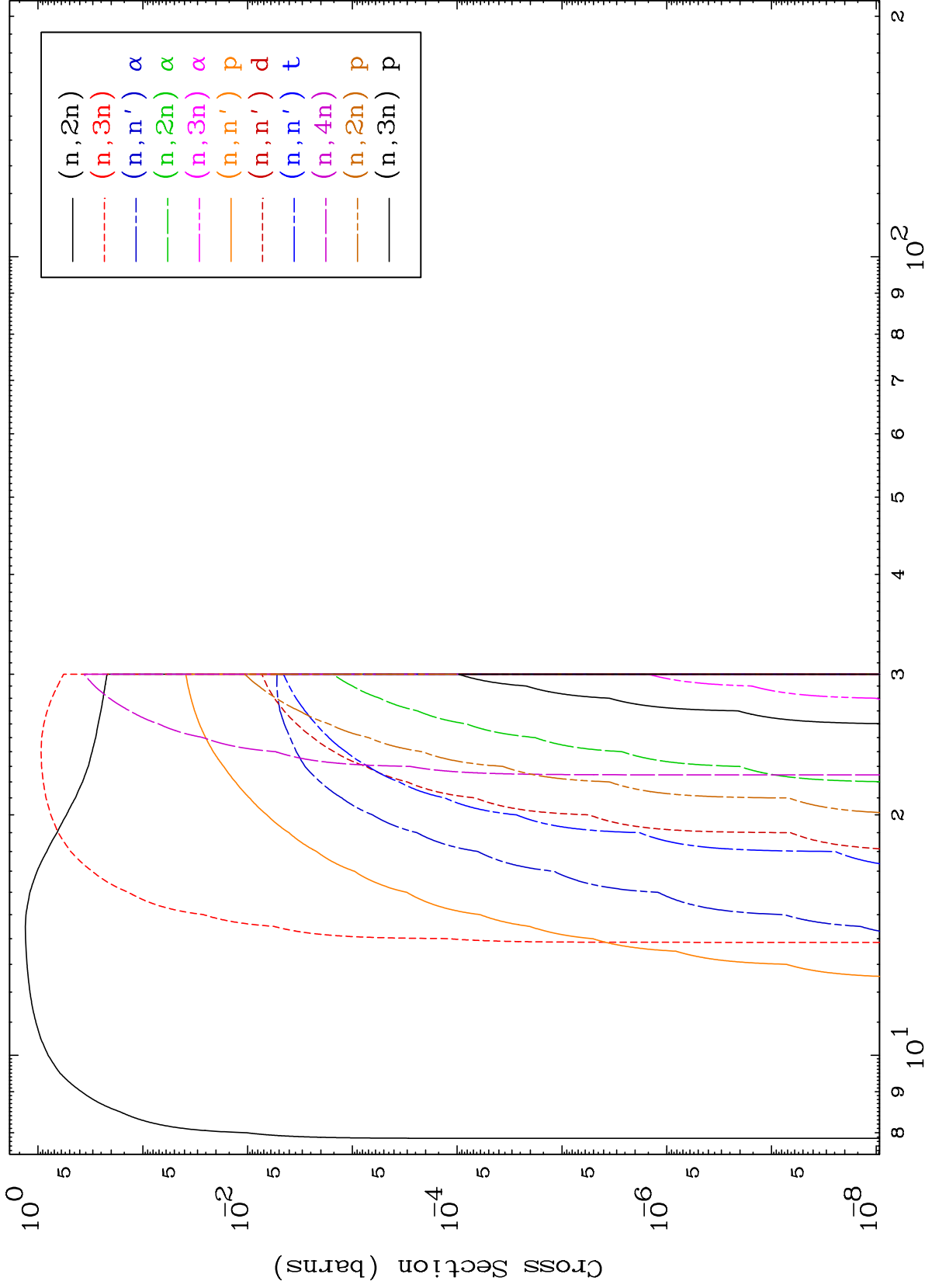


1

MAT 3149

Neutron Production
293 Kelvin Cross Sections

31-Ga-77



2

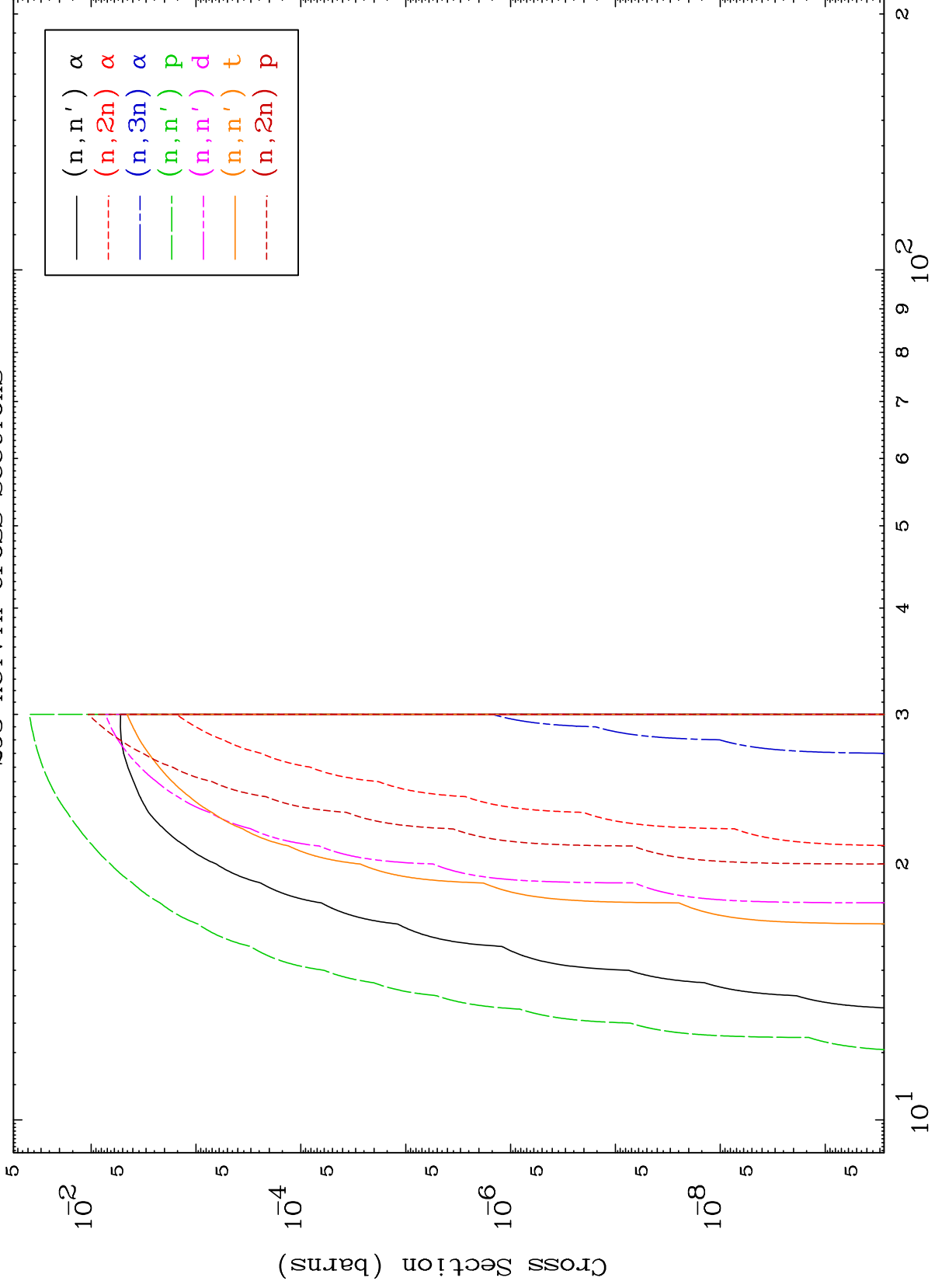
Incident Energy (MeV)

31-Ga-77

MAT 3149

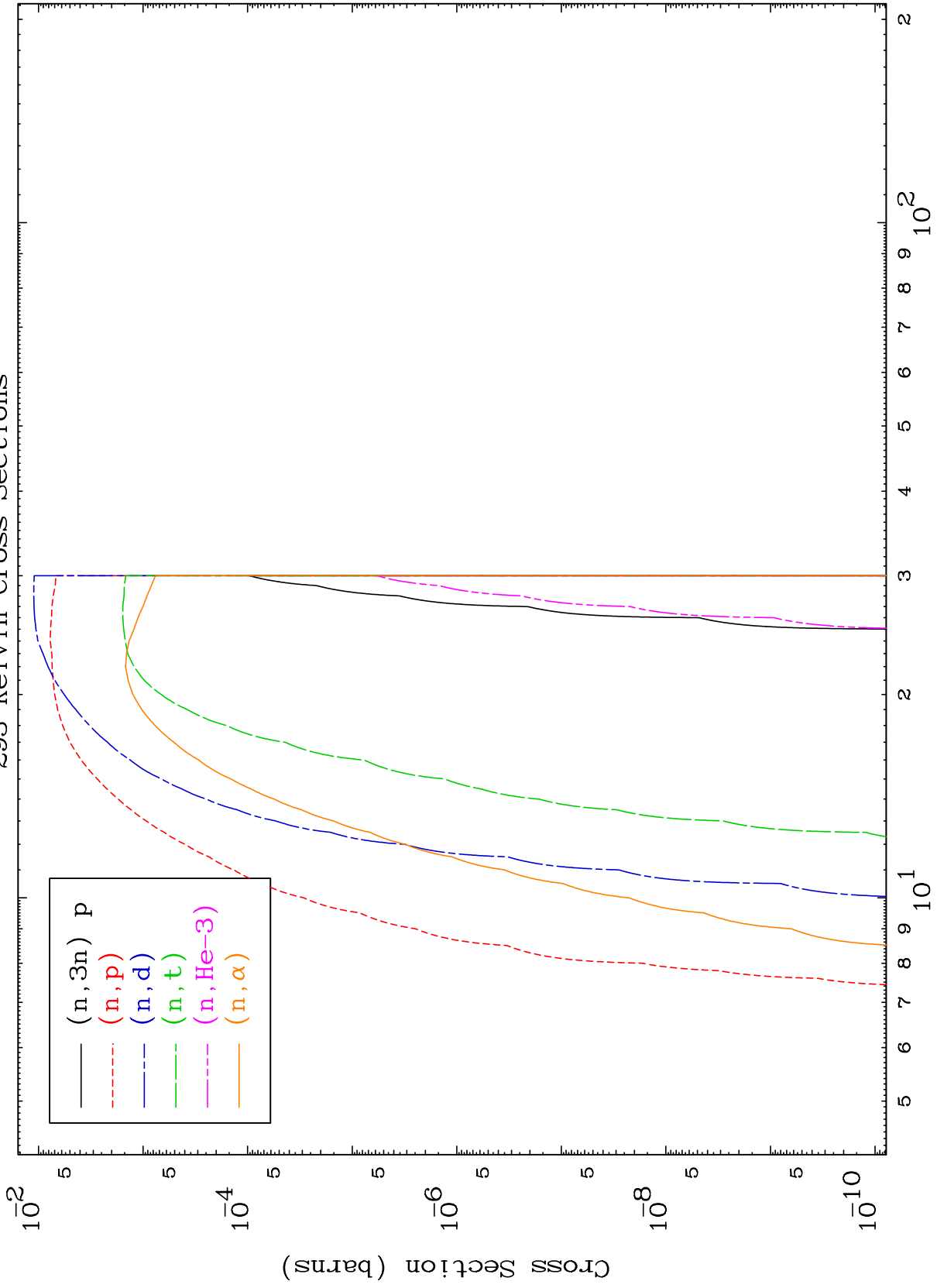
Charged Particle
293 Kelvin Cross Sections

31-Ga-77



Incident Energy (MeV)

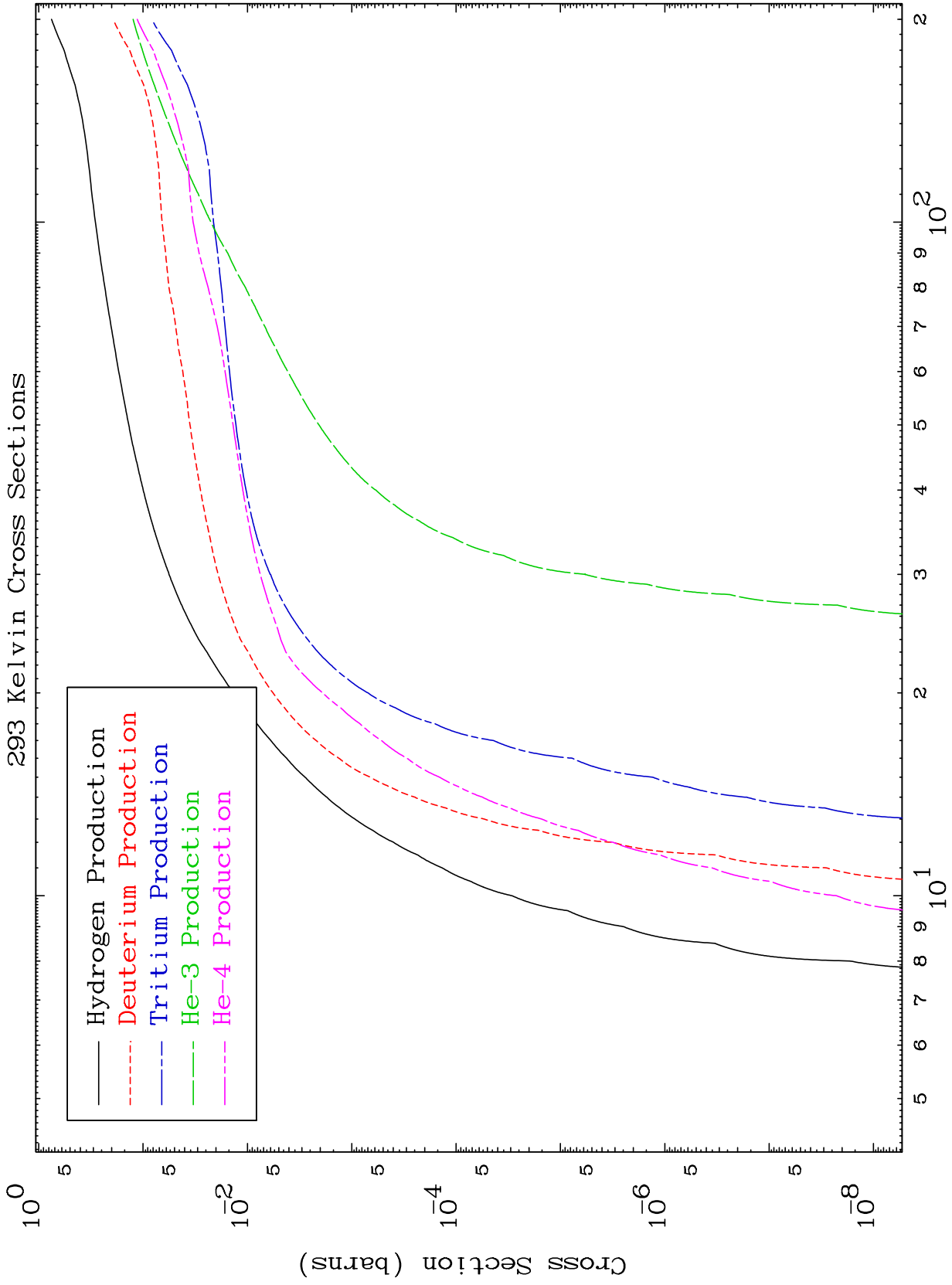
31-Ga-77



MAT 3149

Particle Production
293 Kelvin Cross Sections

31-Ga-77



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Incident Energy (MeV)

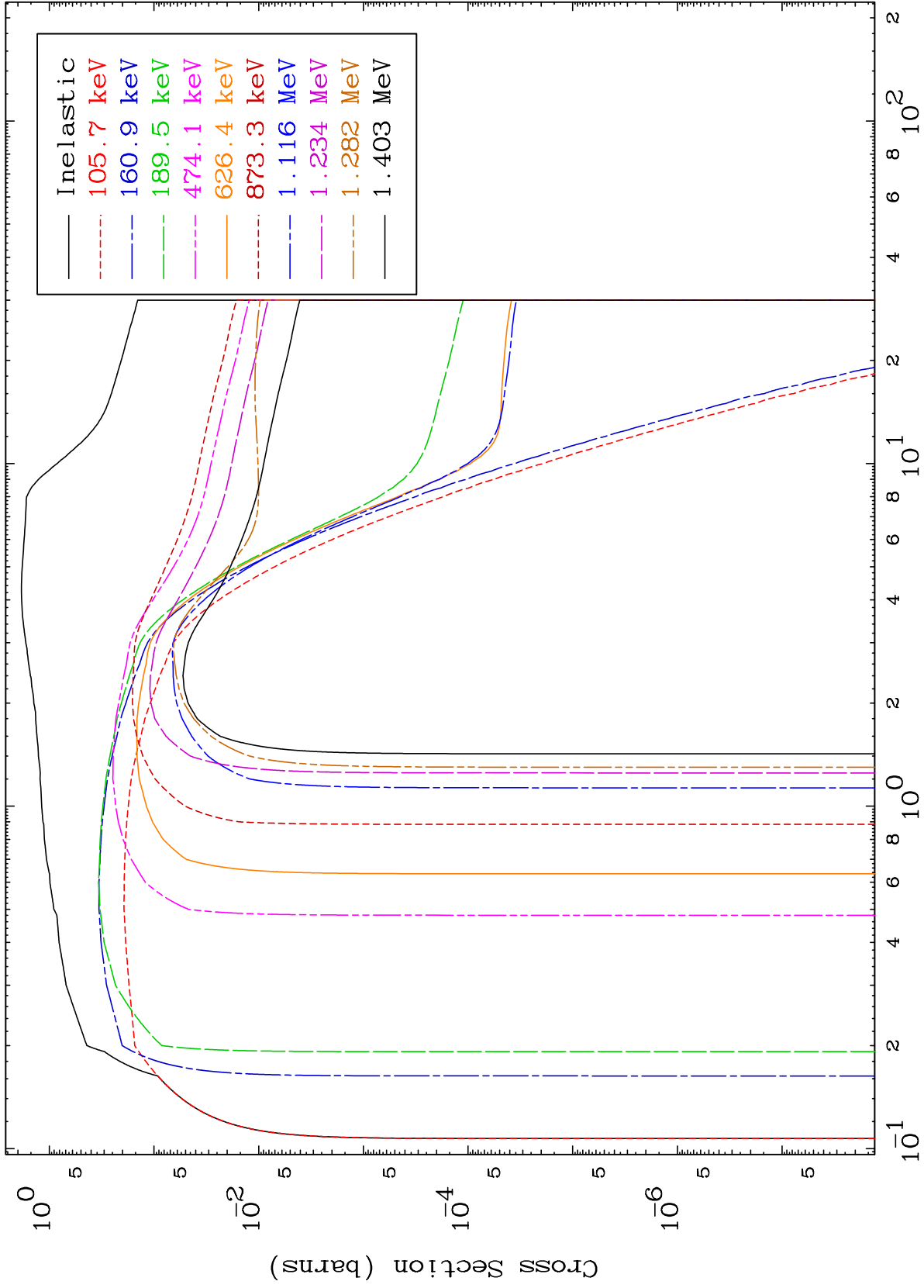
31-Ga-77

MAT 3149

(n,n') Level

31-Ga-77

293 Kelvin Cross Sections



Incident Energy (MeV)

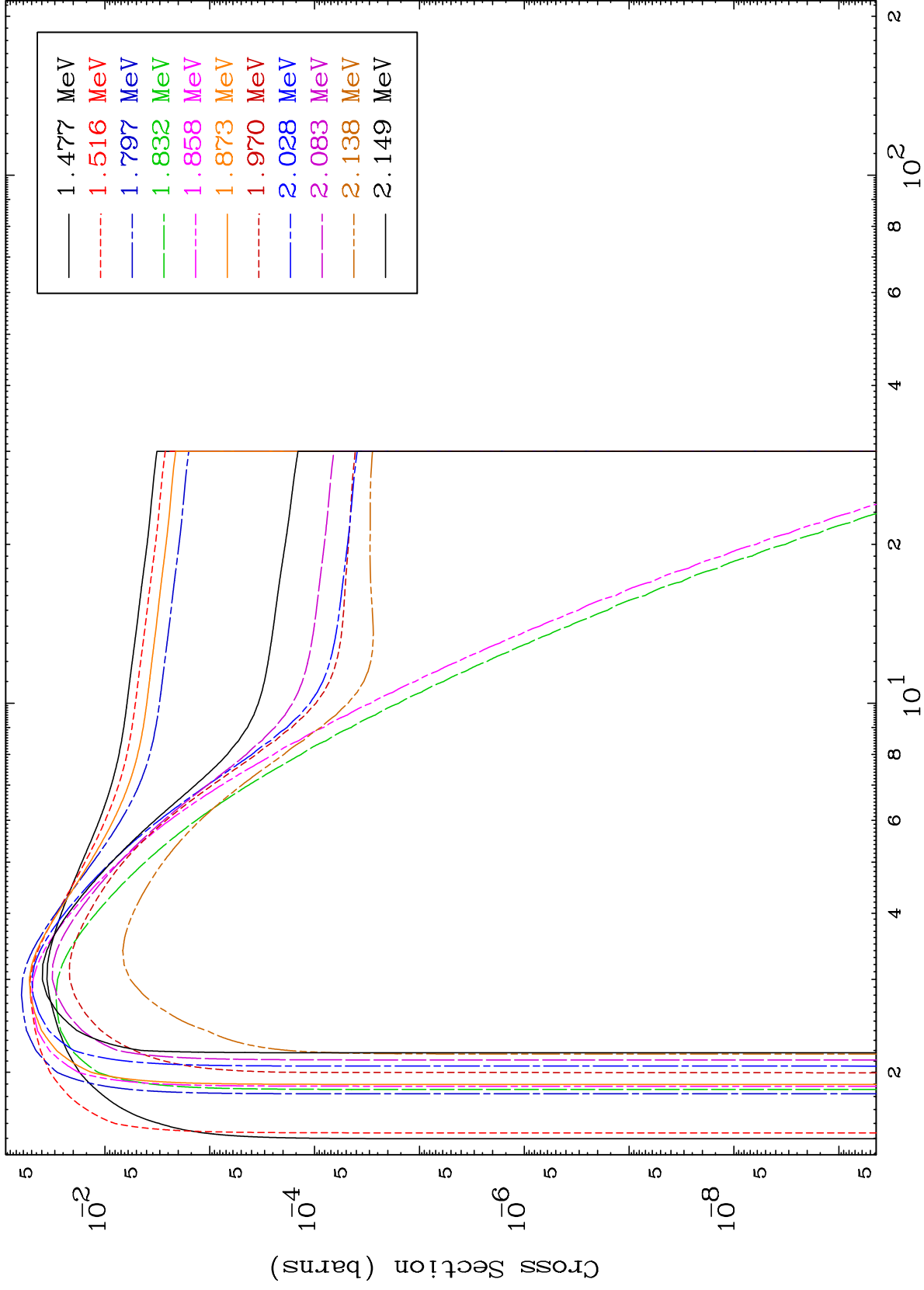
31-Ga-77

6

MAT 3149

(n,n') Level
293 Kelvin Cross Sections

31-Ga-77



7

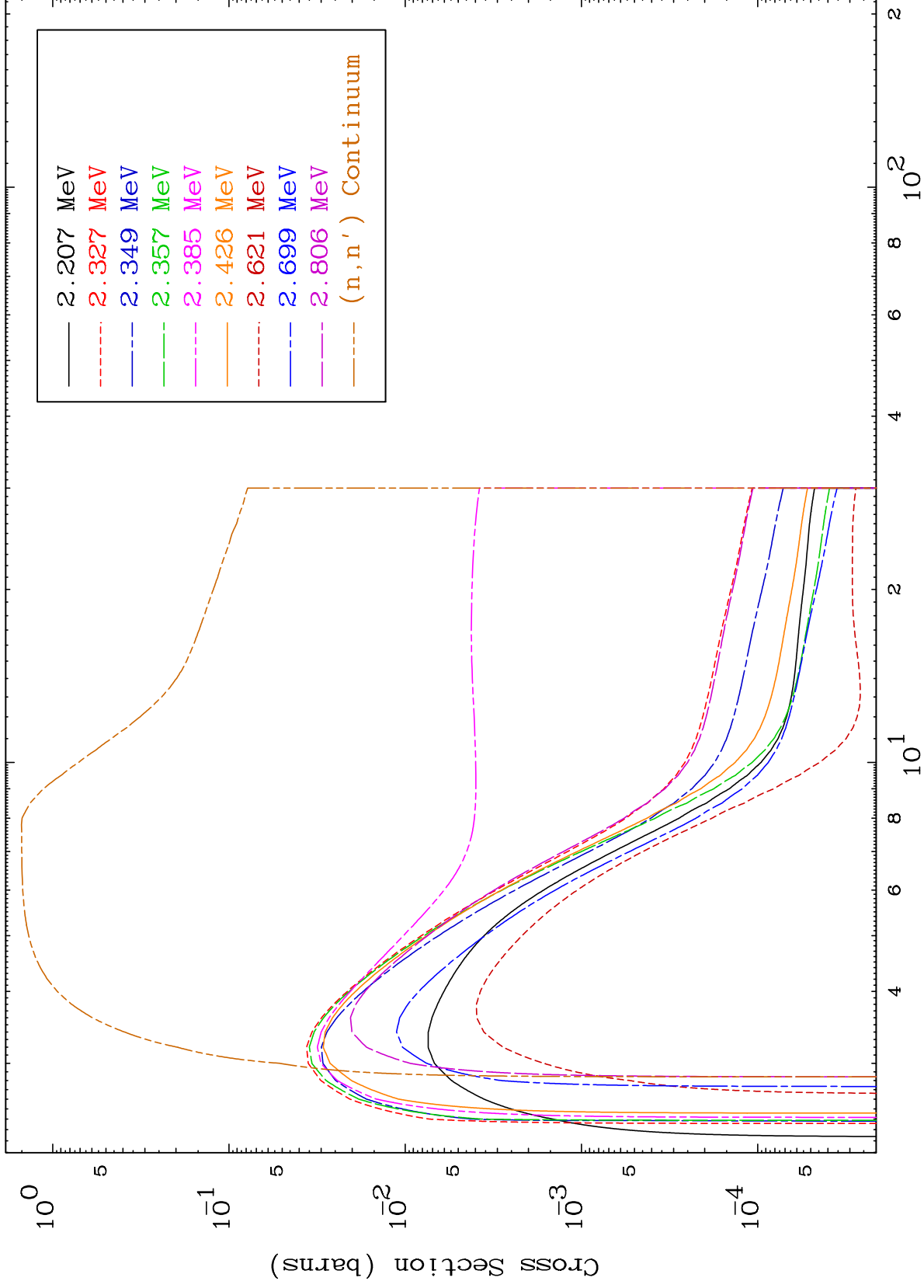
Incident Energy (MeV)

31-Ga-77

MAT 3149

(n,n') Level
293 Kelvin Cross Sections

31-Ga-77



8

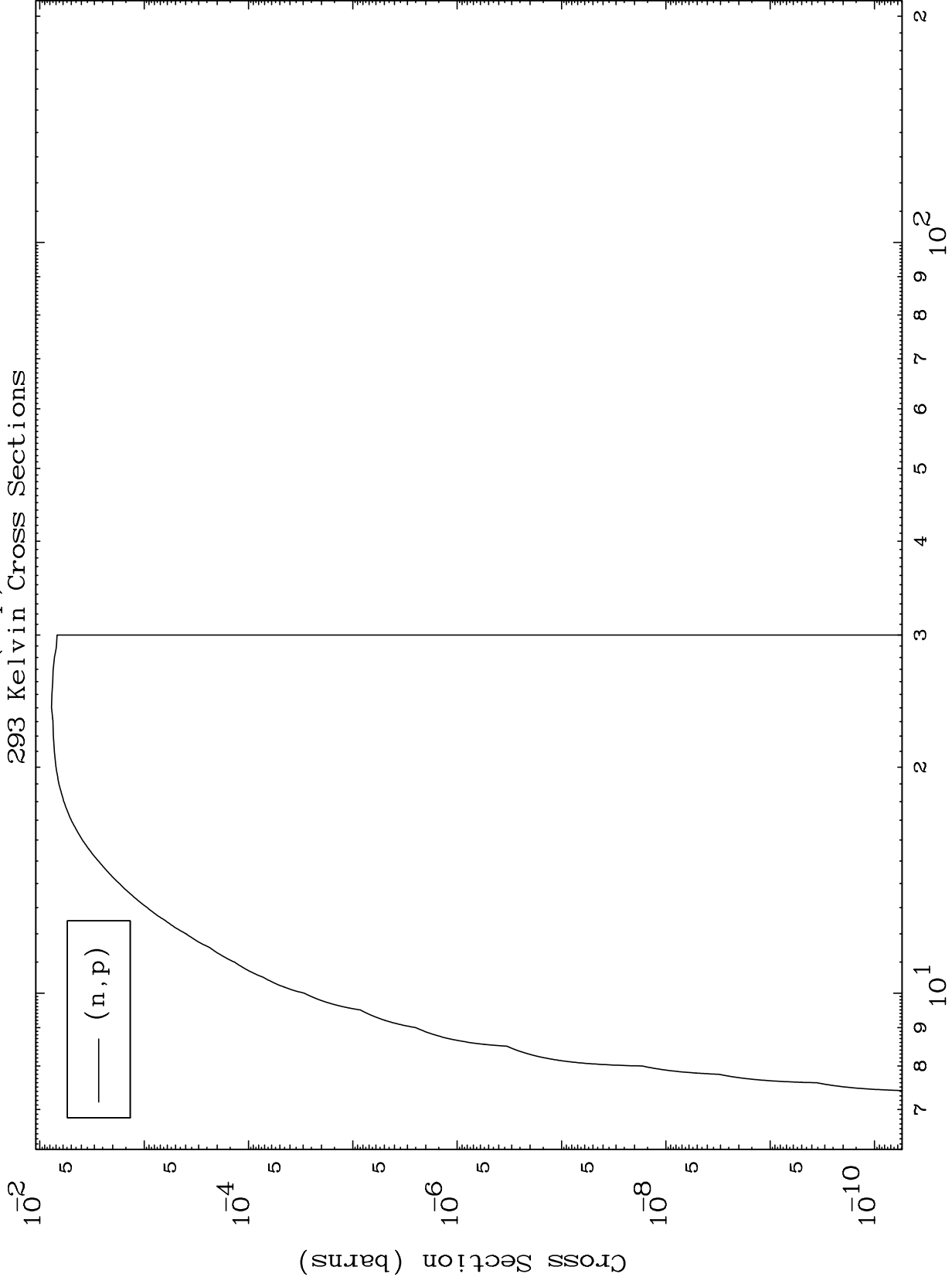
Incident Energy (MeV)

31-Ga-77

MAT 3149

(n,p) Levels
293 Kelvin Cross Sections

31-Ga-77



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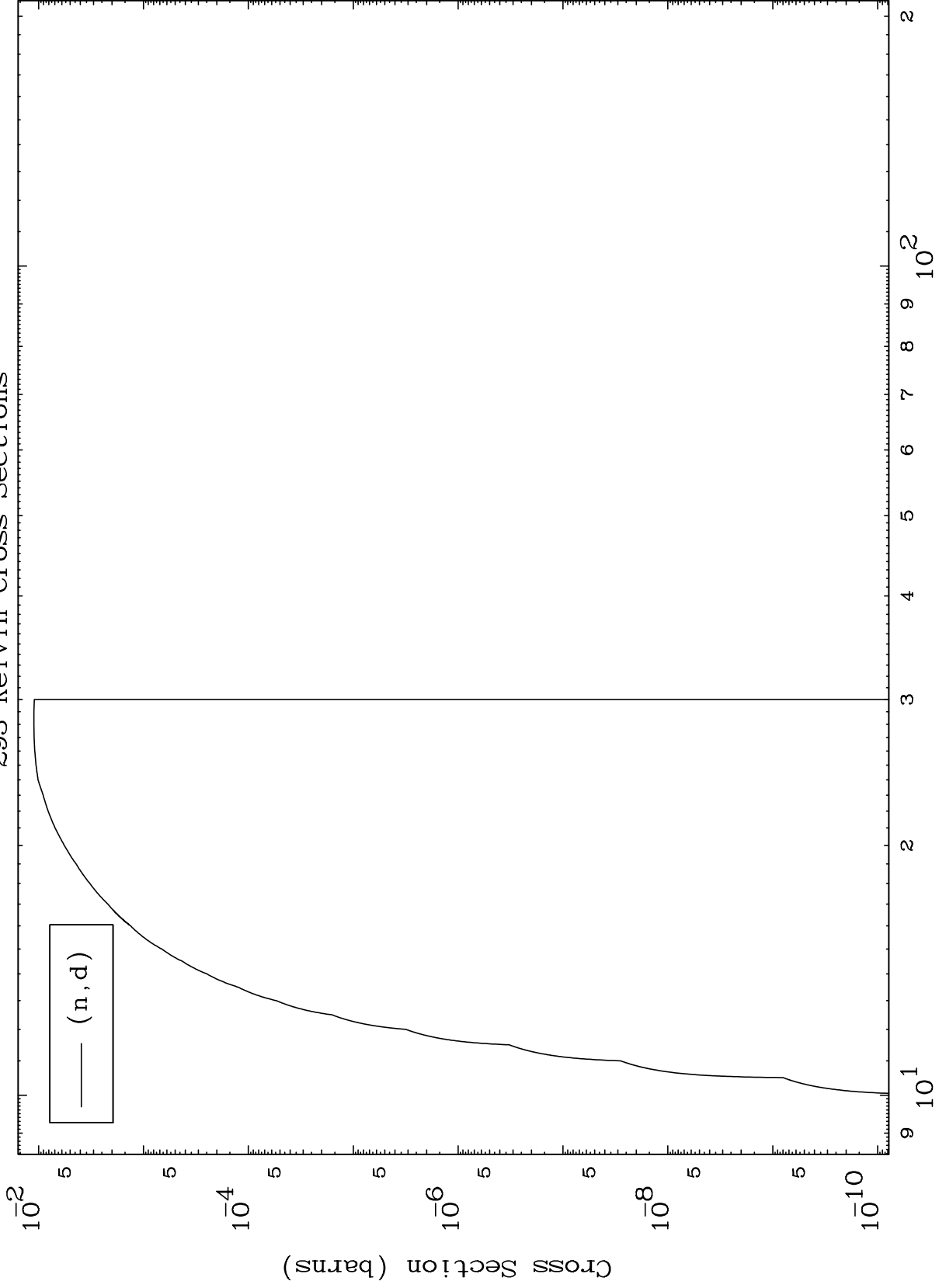
Incident Energy (MeV)

31-Ga-77

MAT 3149

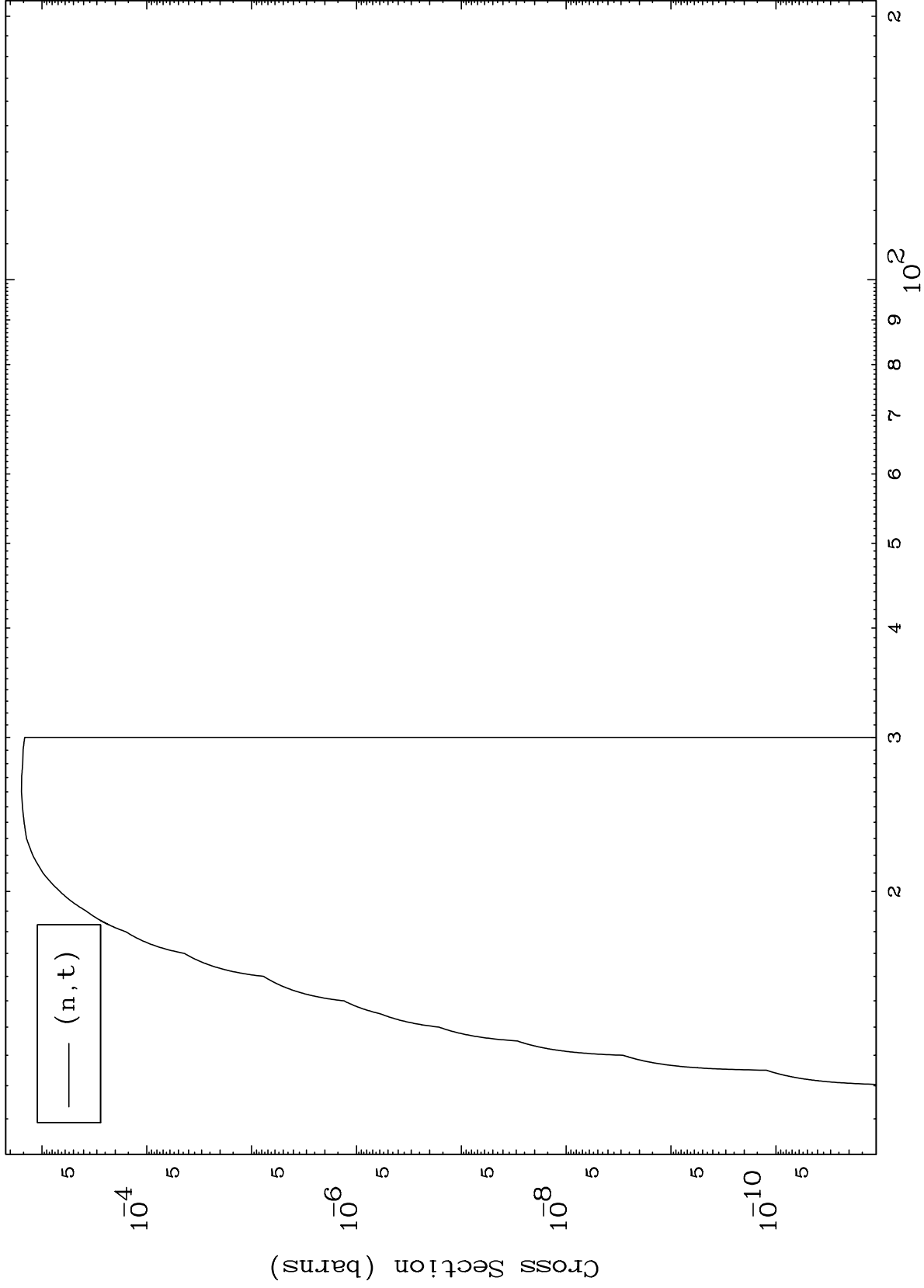
(n,d) Levels
293 Kelvin Cross Sections

31-Ga-77



Incident Energy (MeV)

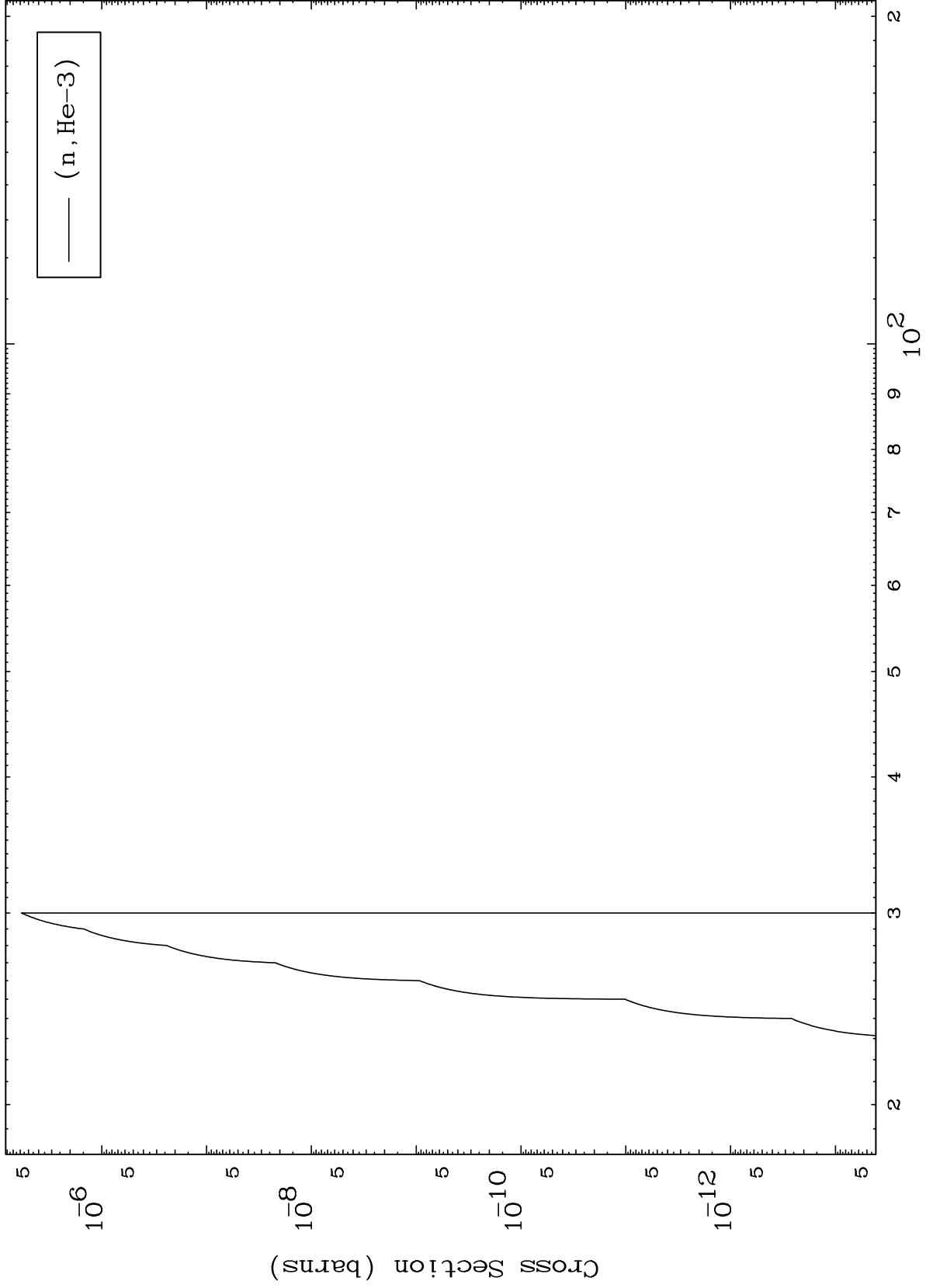
31-Ga-77



MAT 3149

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-77



12

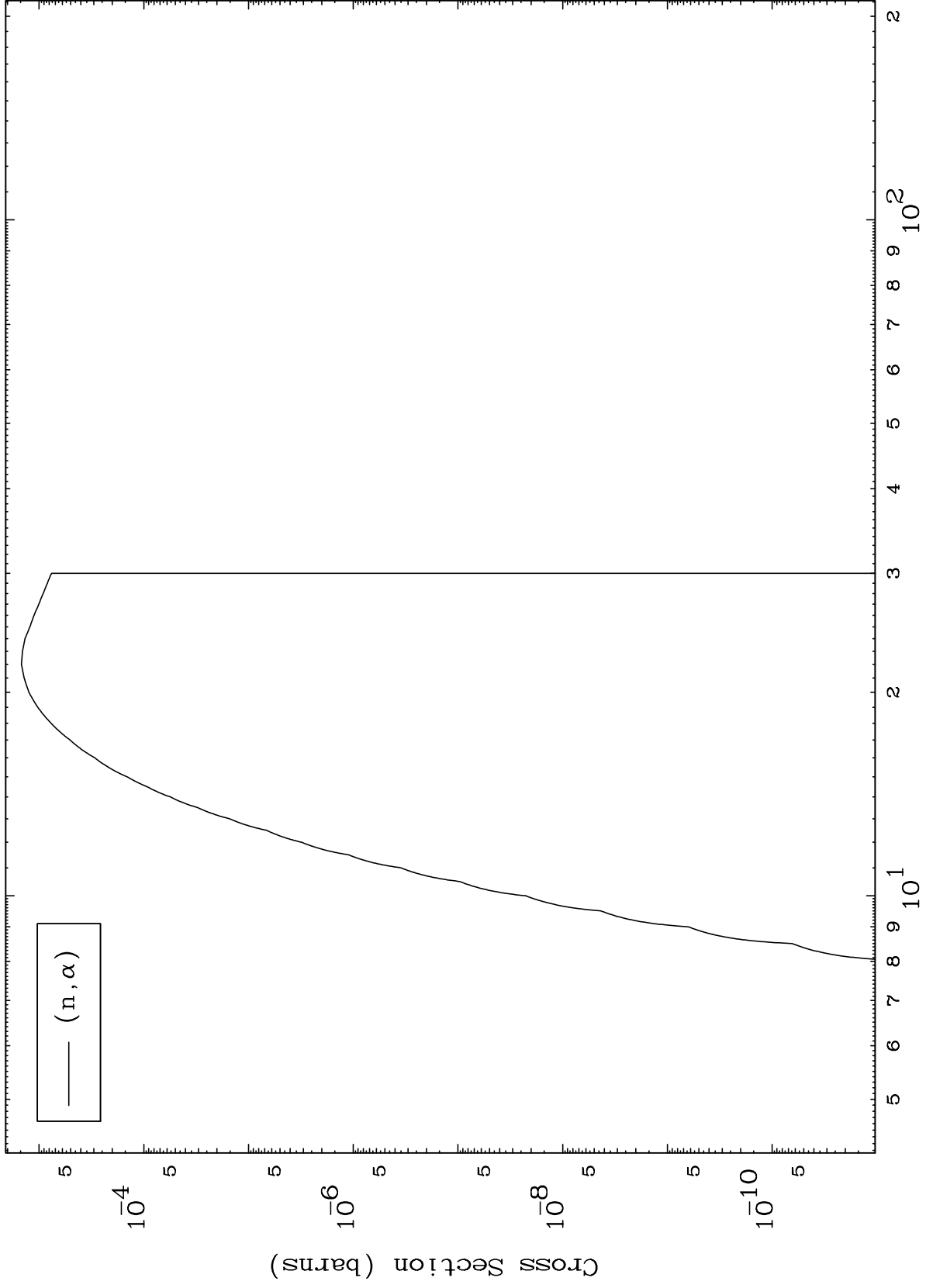
Incident Energy (MeV)

31-Ga-77

MAT 3149

(n, α) Levels
293 Kelvin Cross Sections

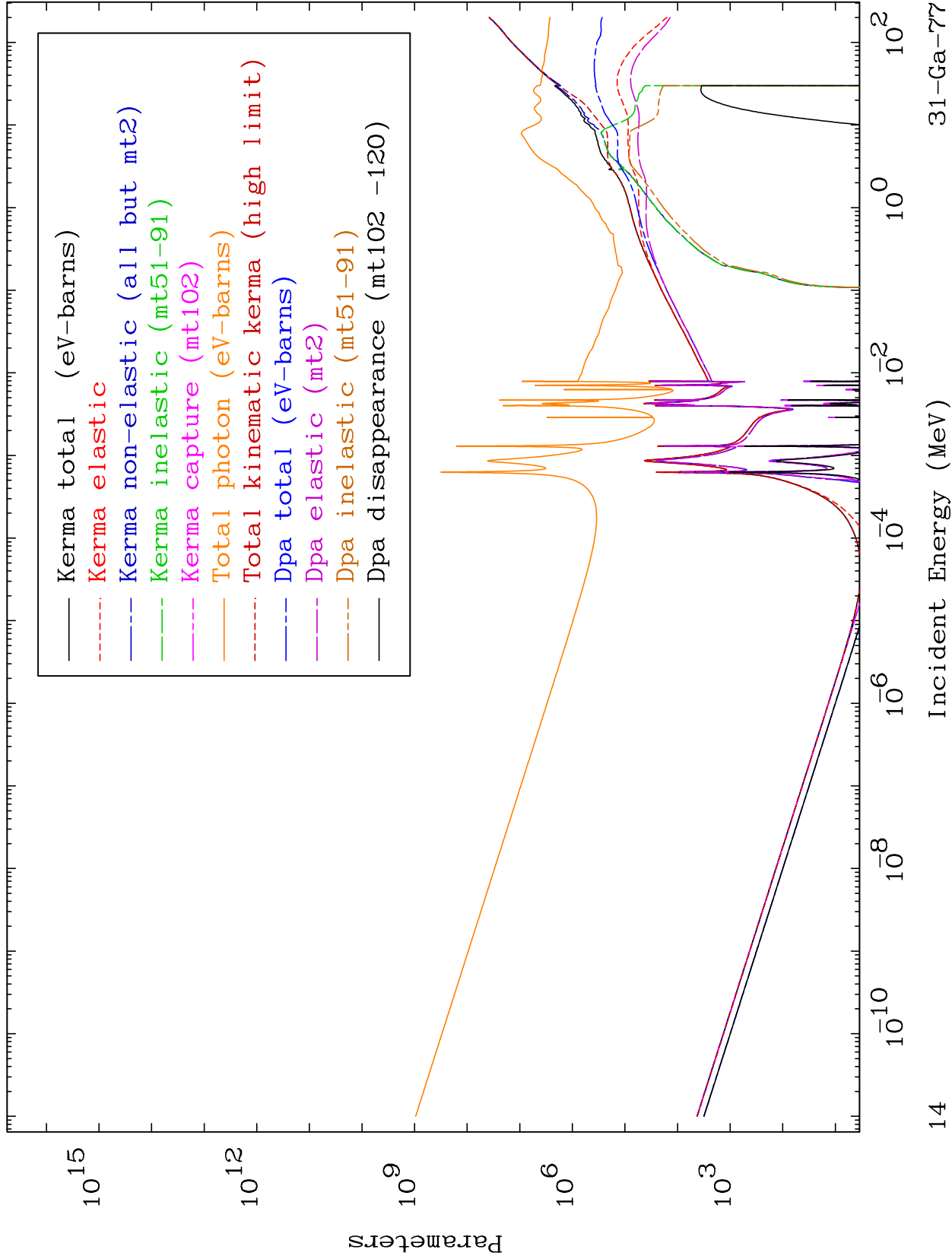
31-Ga-77



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Incident Energy (MeV)

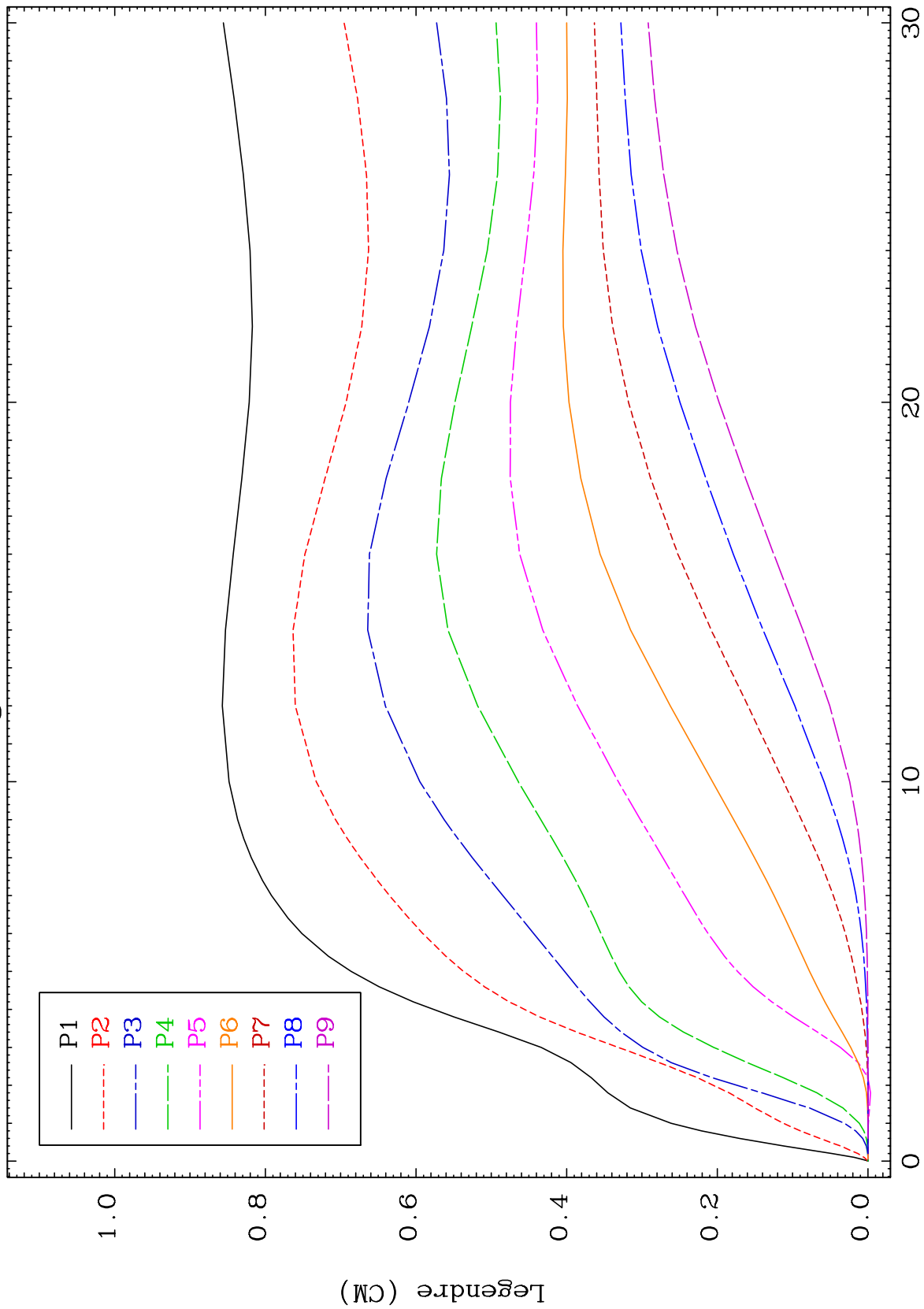
31-Ga-77



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Elastic Legendre Coefficients

³¹Ga-⁷⁷



15

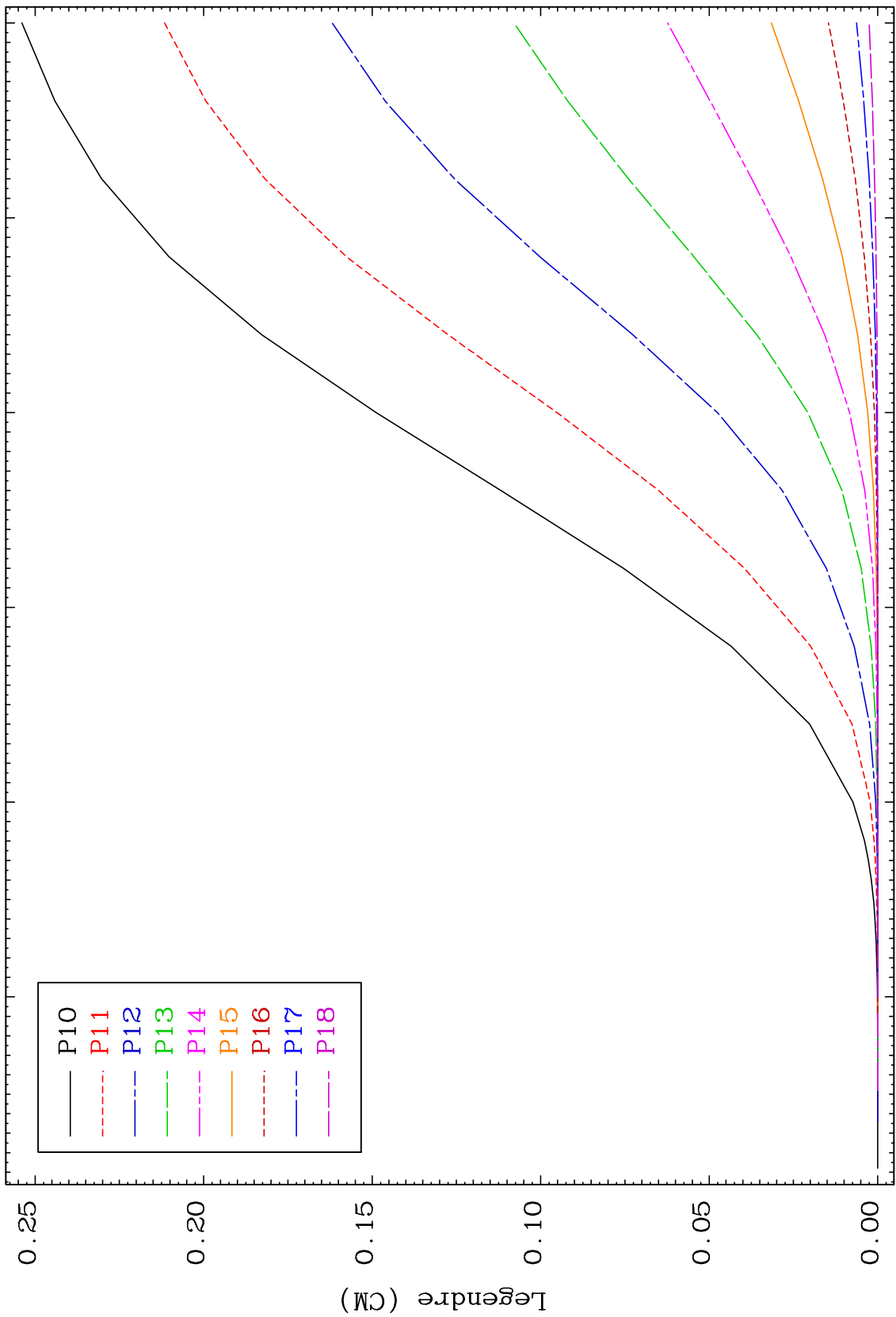
Incident Energy (MeV)

³¹Ga-⁷⁷

MAT 3149

Elastic Legendre Coefficients

³¹Ga-77



16

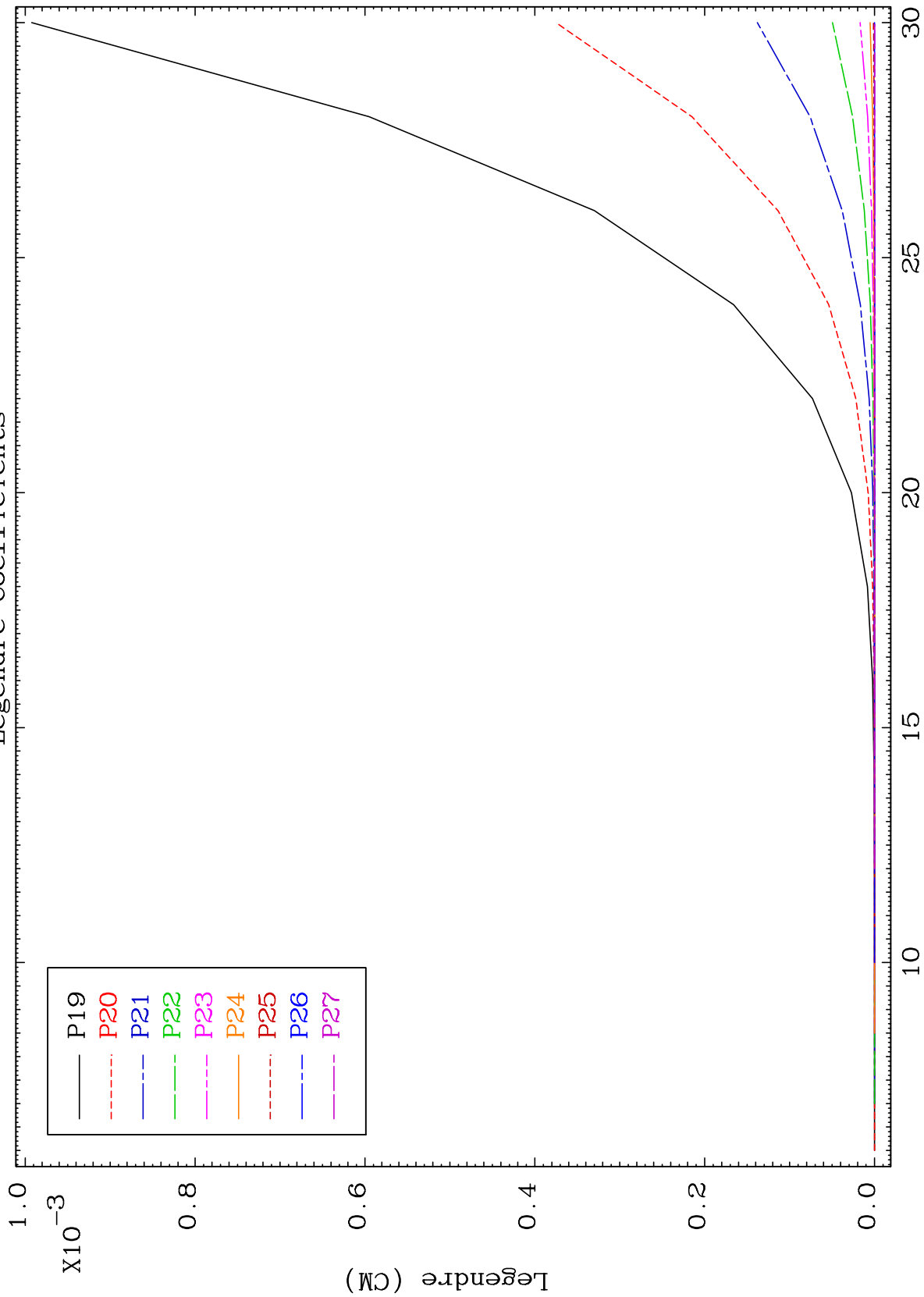
Incident Energy (MeV)

³¹Ga-77

MAT 3149

Elastic Legendre Coefficients

31-Ga-77



17

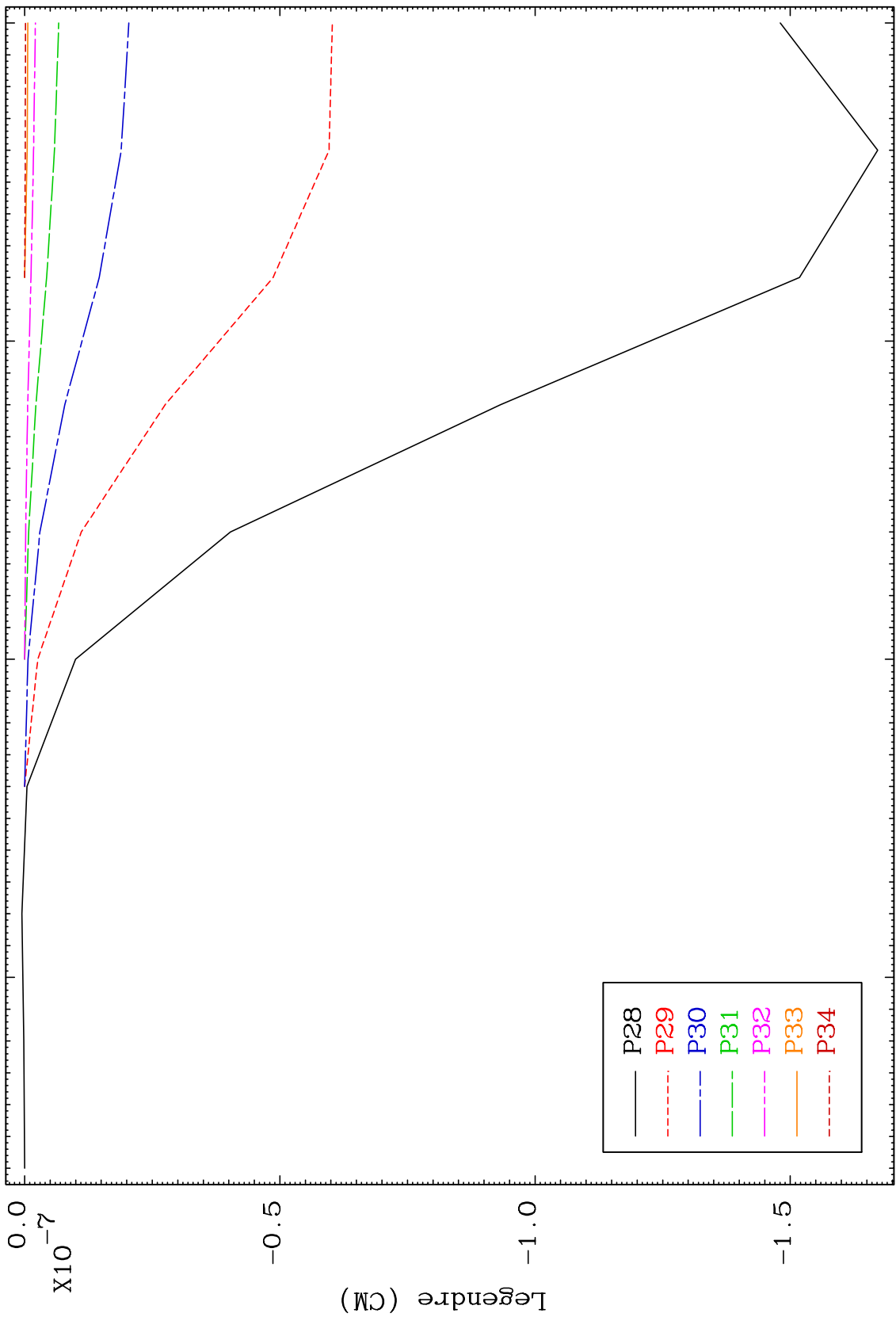
Incident Energy (MeV)

31-Ga-77

MAT 3149

31-Ga-77

Elastic Legendre Coefficients



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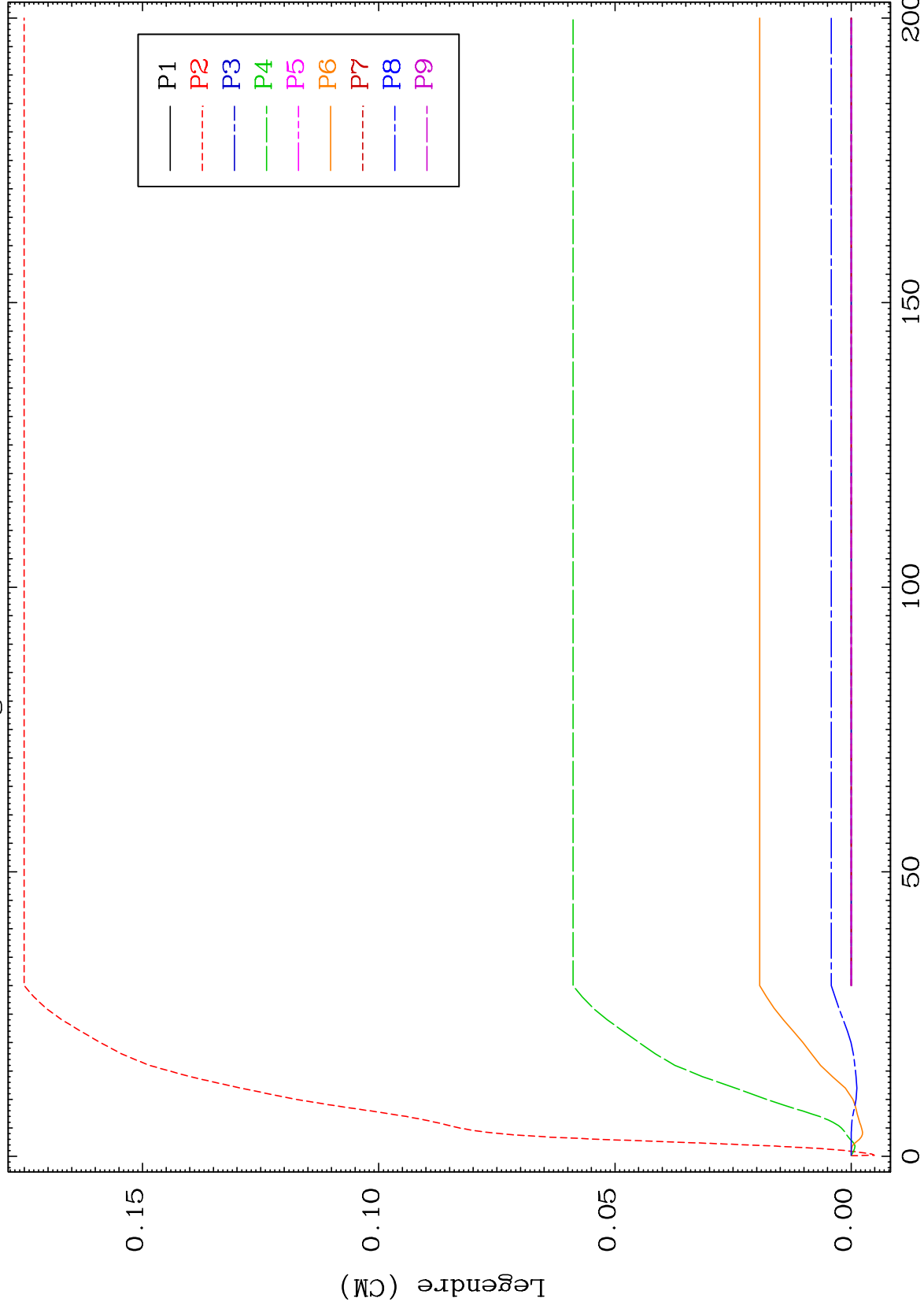
Incident Energy (MeV)

31-Ga-77

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105.7 keV (n,n') Level
Legendre Coefficients

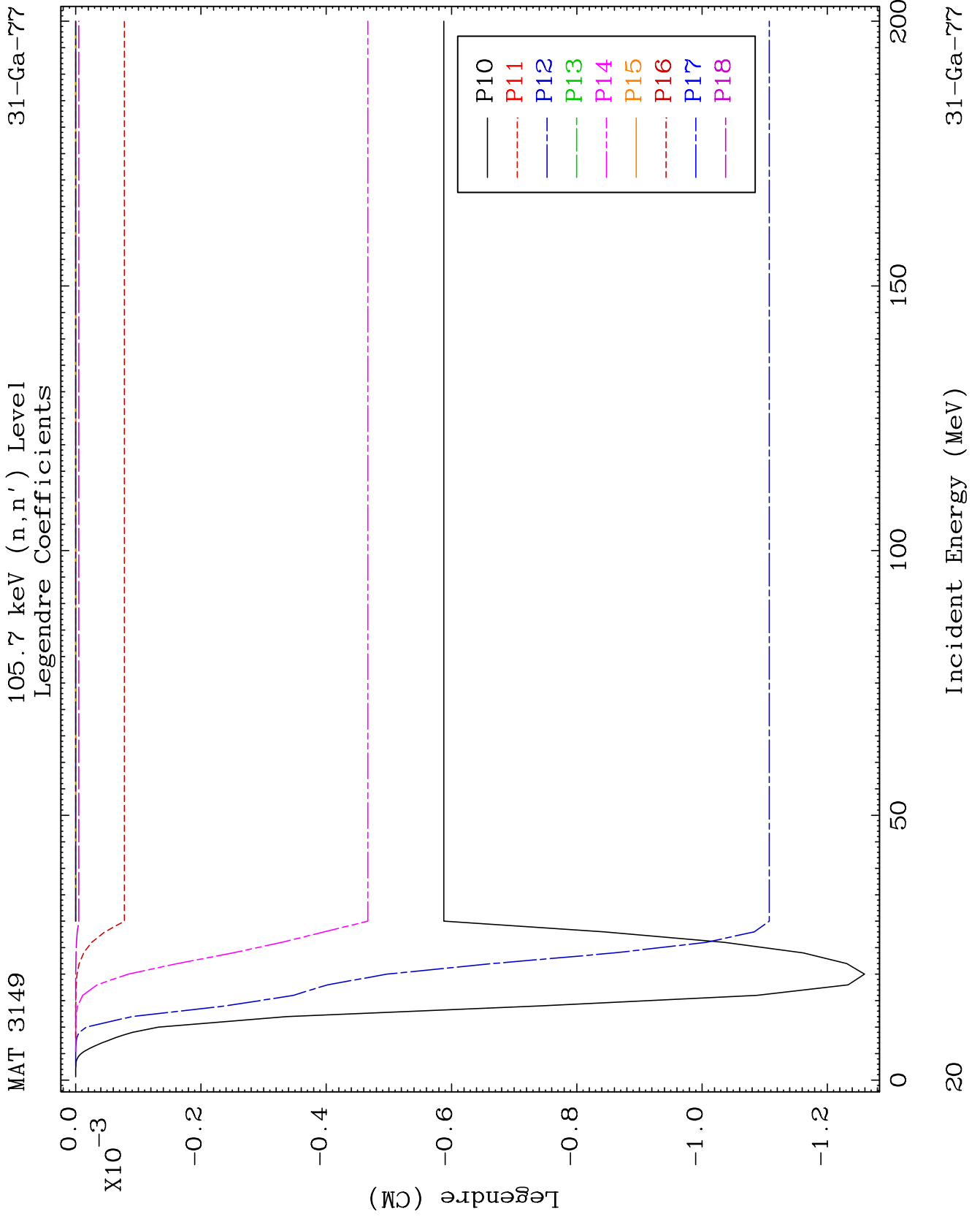
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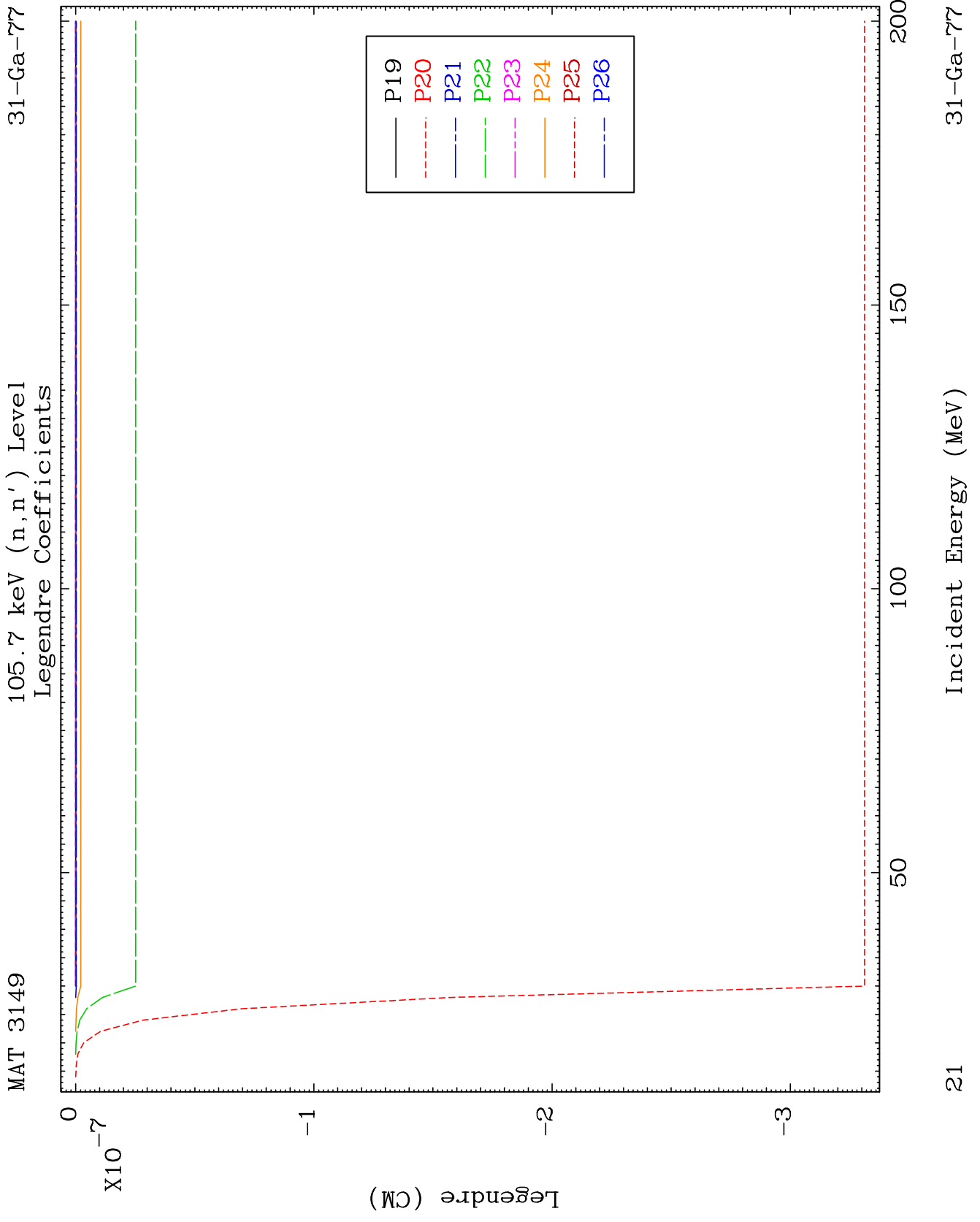


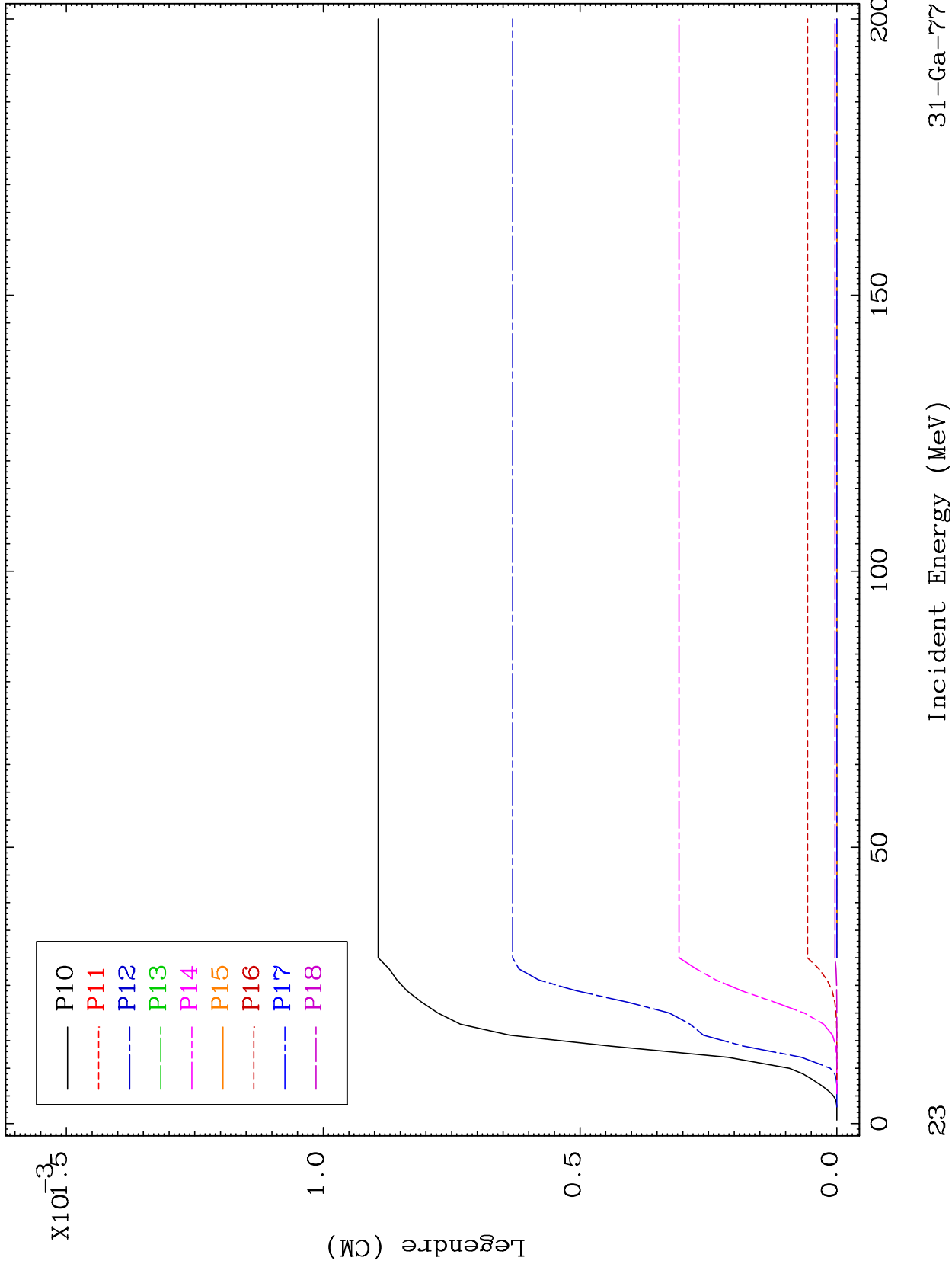
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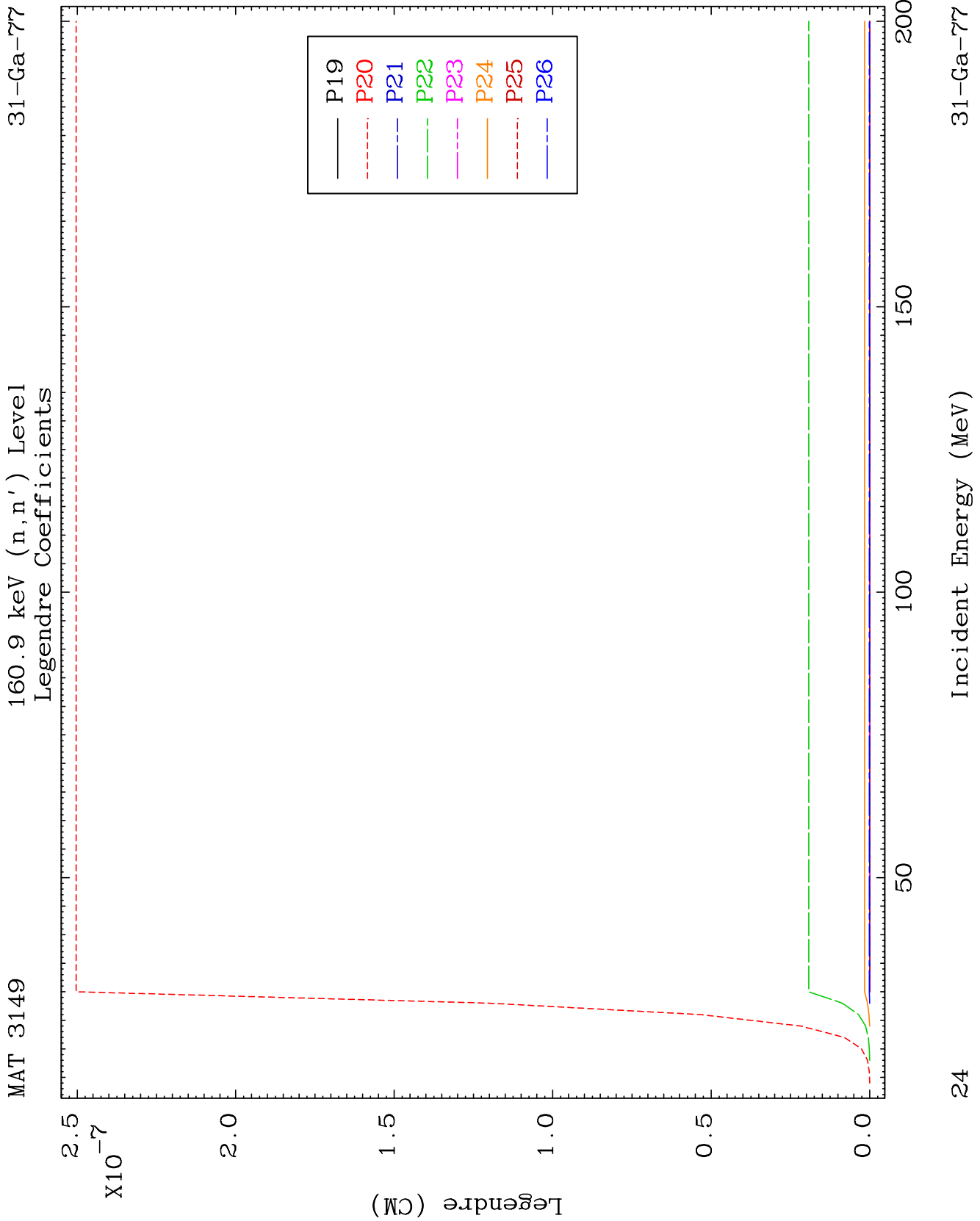
Incident Energy (MeV)

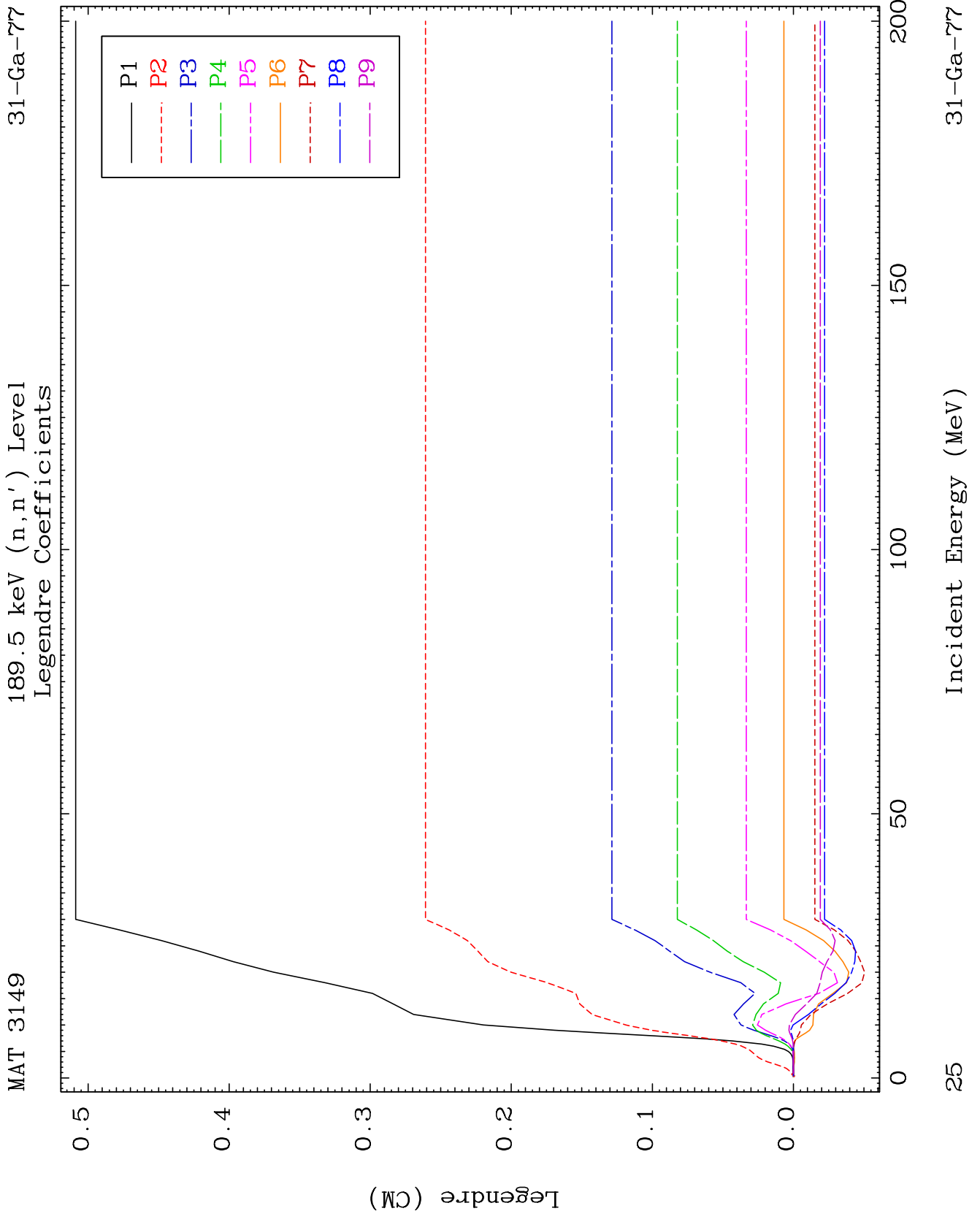
31-Ga-77







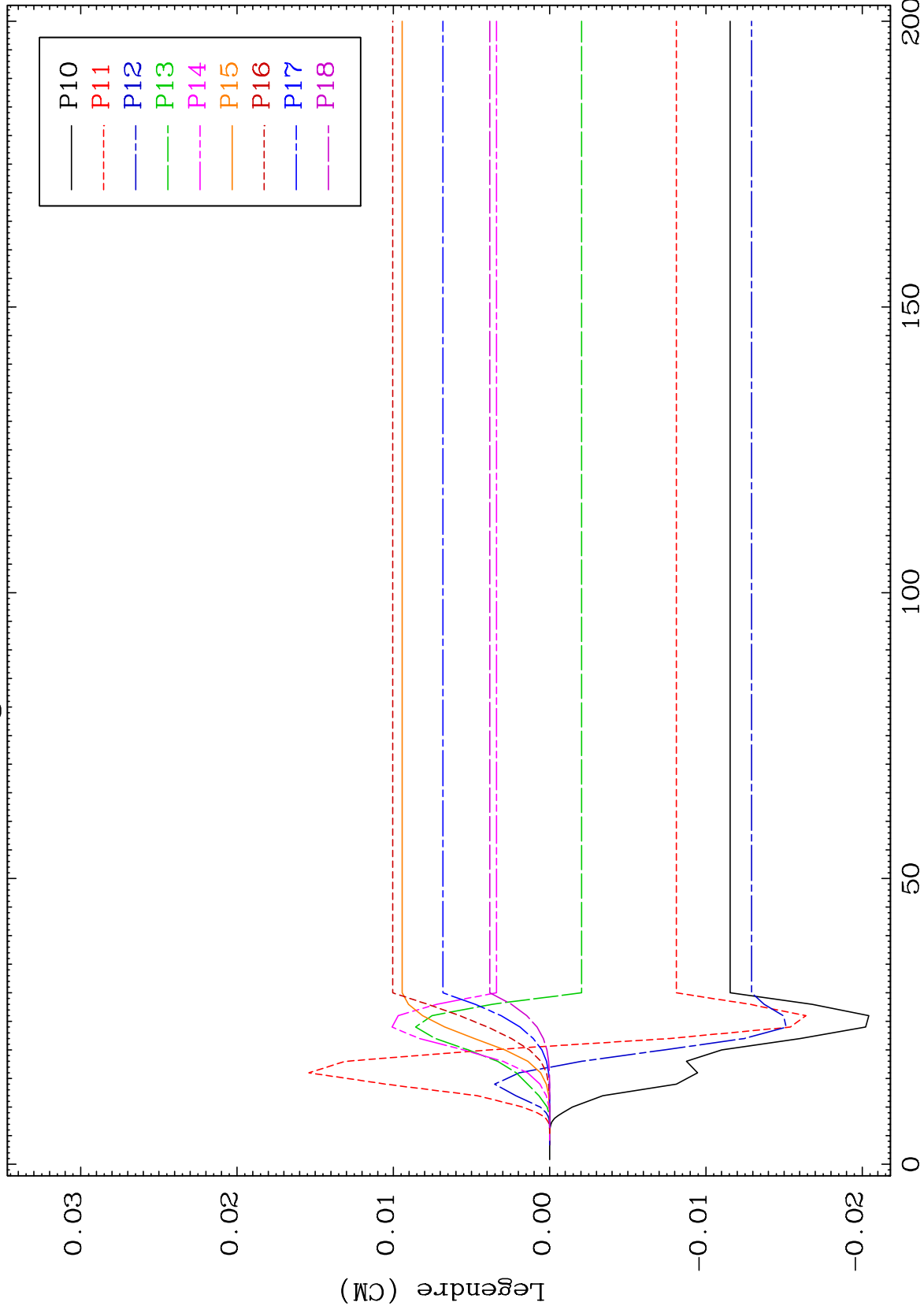




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189.5 keV (n,n') Level
Legendre Coefficients

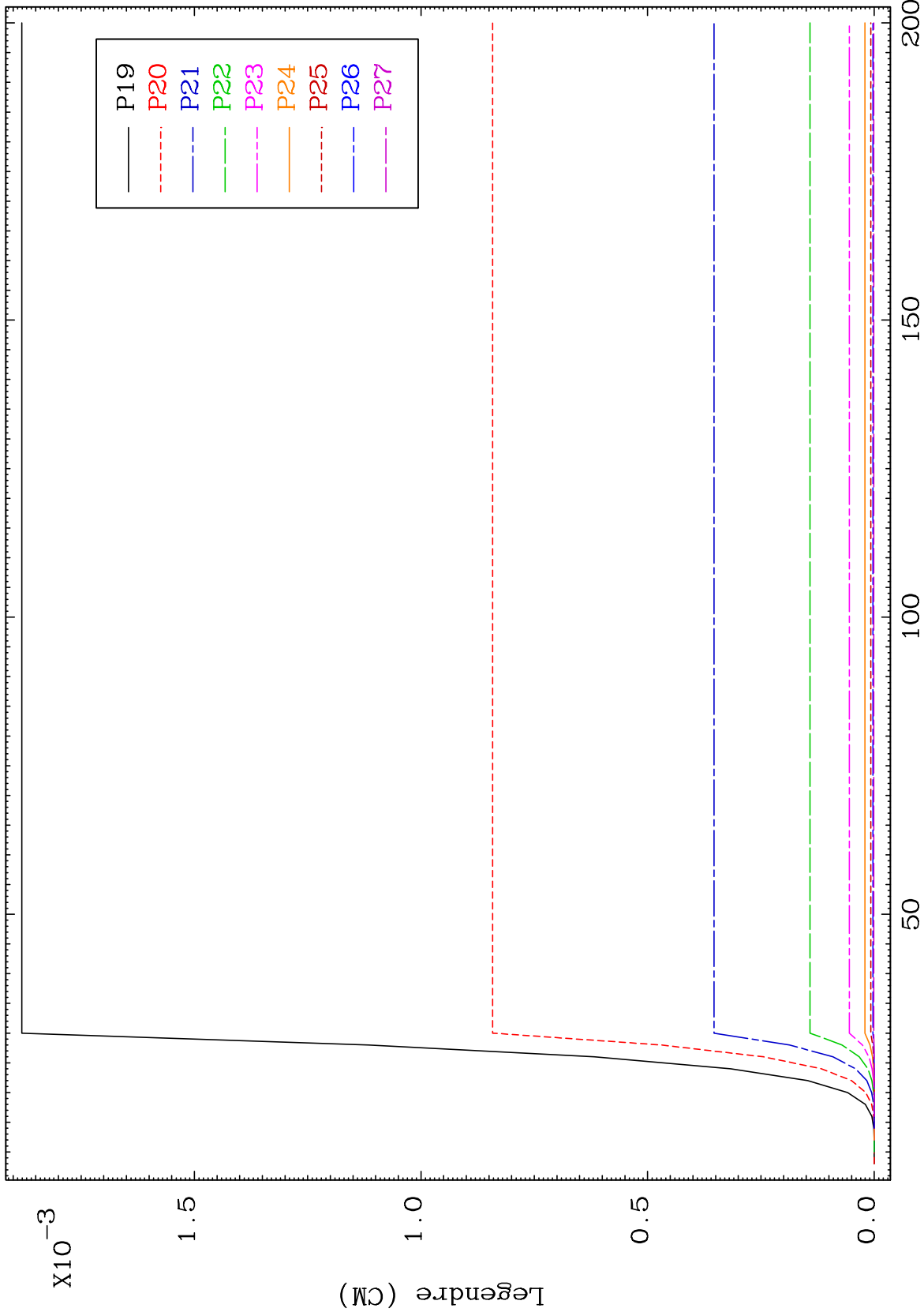
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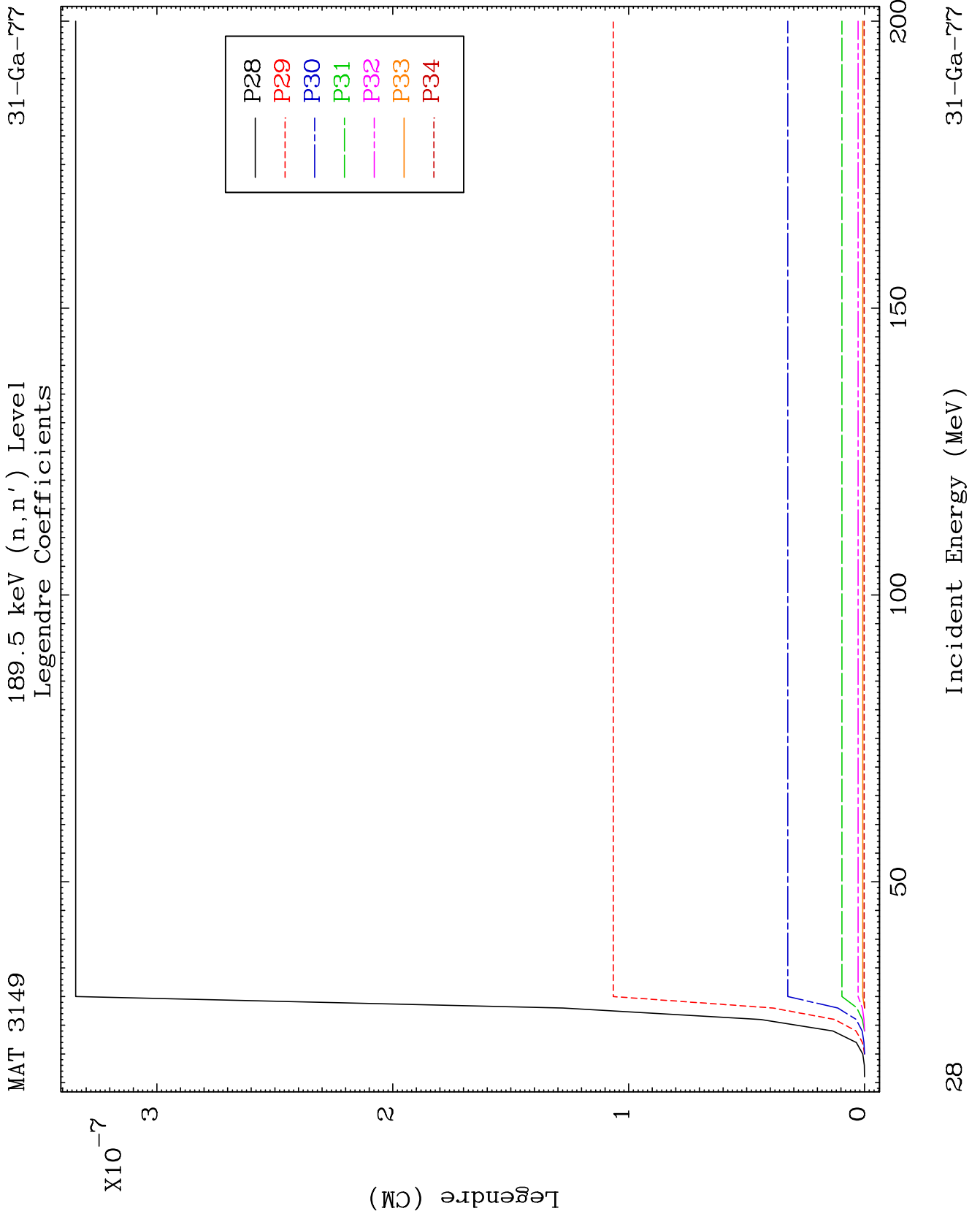


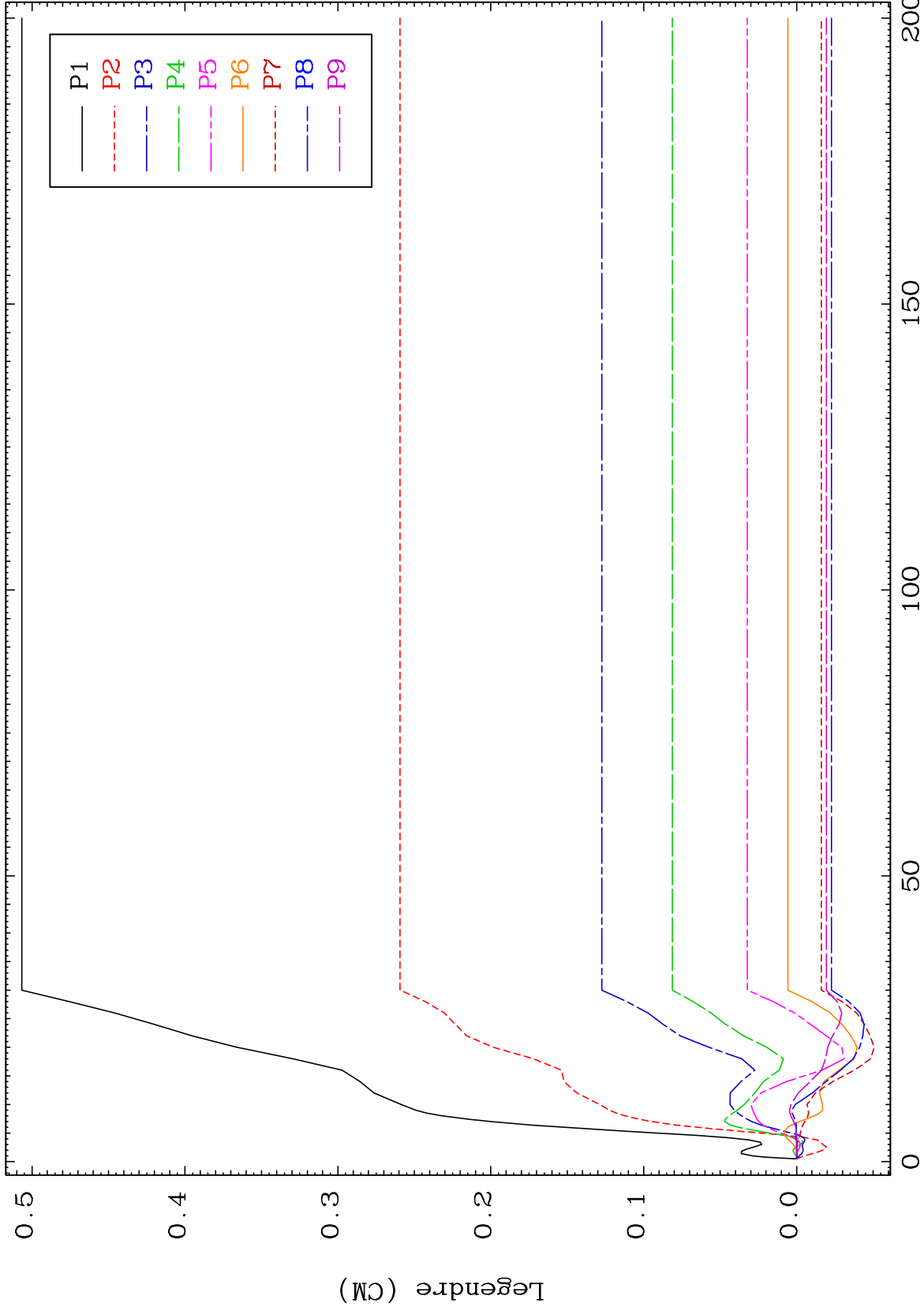
26

Incident Energy (MeV)

31-Ga-77



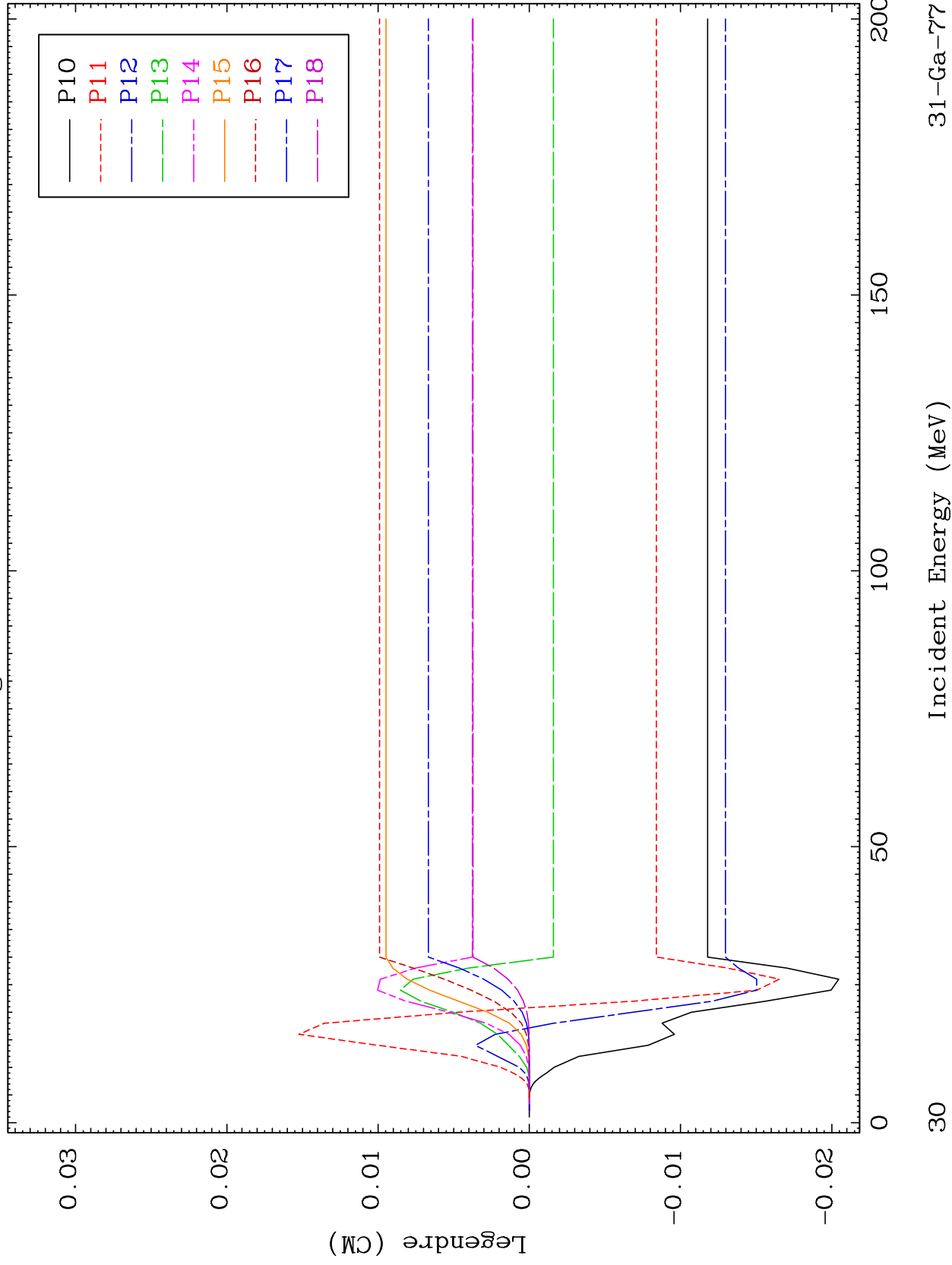




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474.1 keV (n,n') Level
Legendre Coefficients

31-Ga-77



31-Ga-77

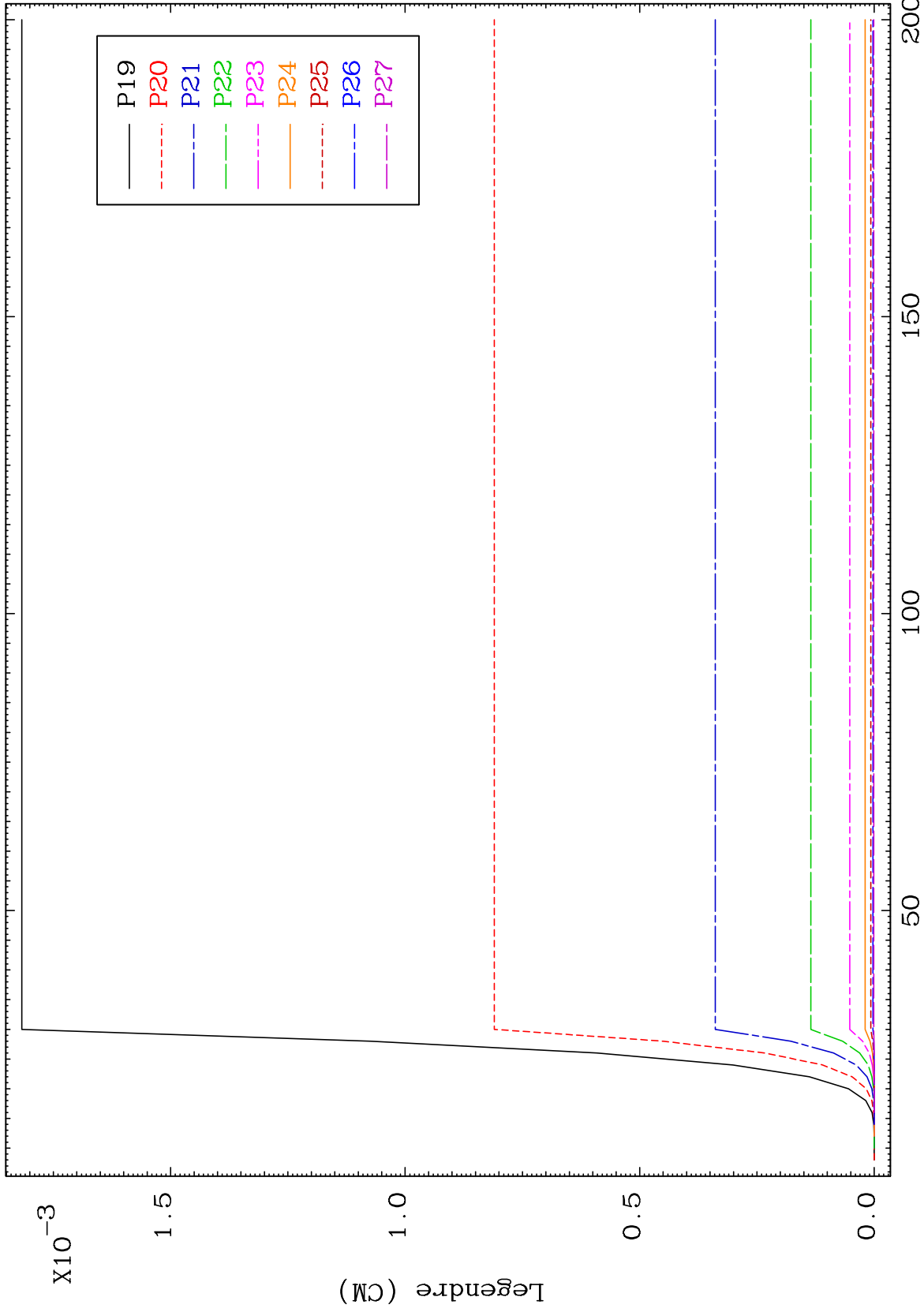
Incident Energy (MeV)

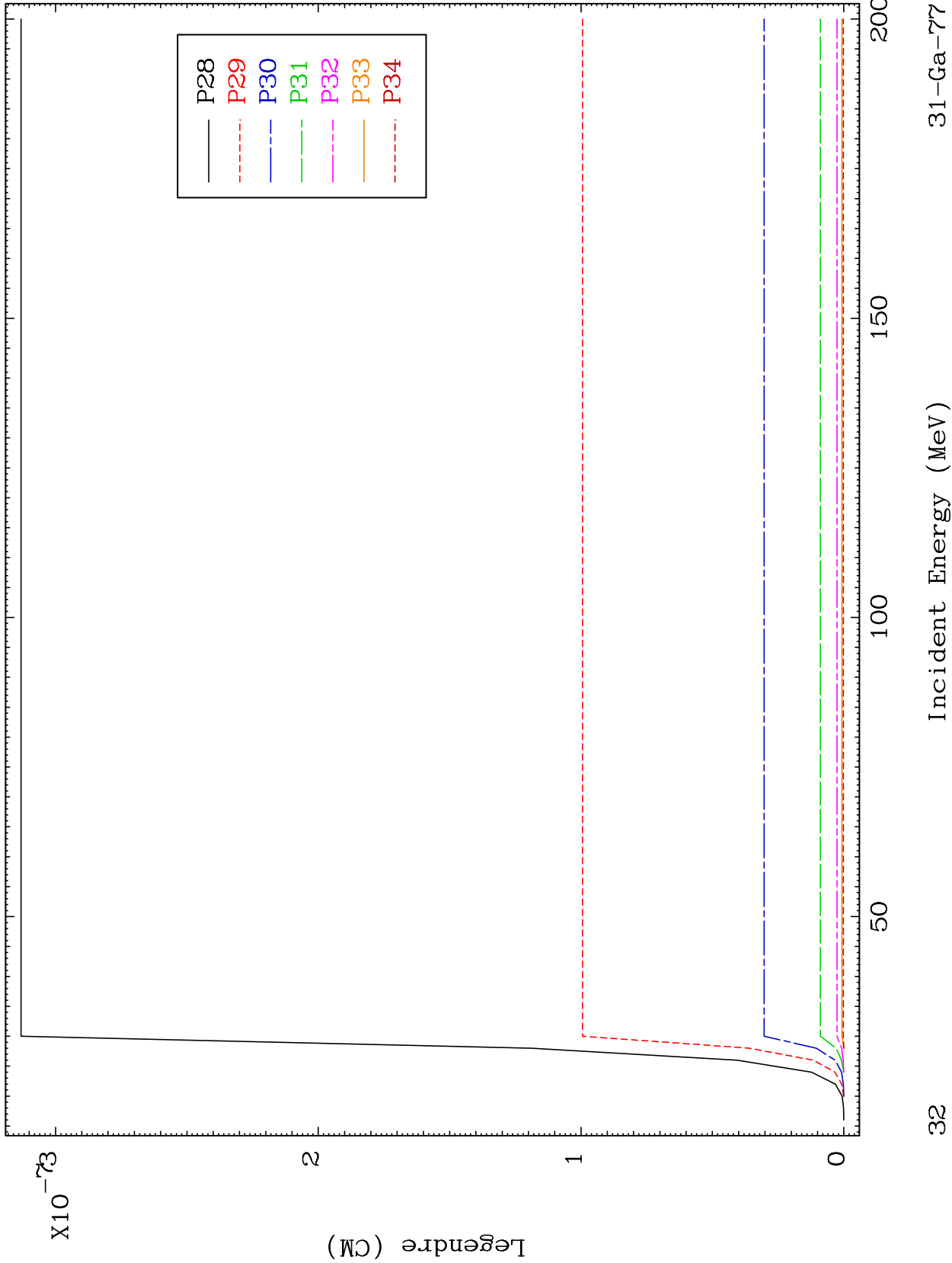
30

MAT 3149

474.1 keV (n,n') Level
Legendre Coefficients

31-Ga-77

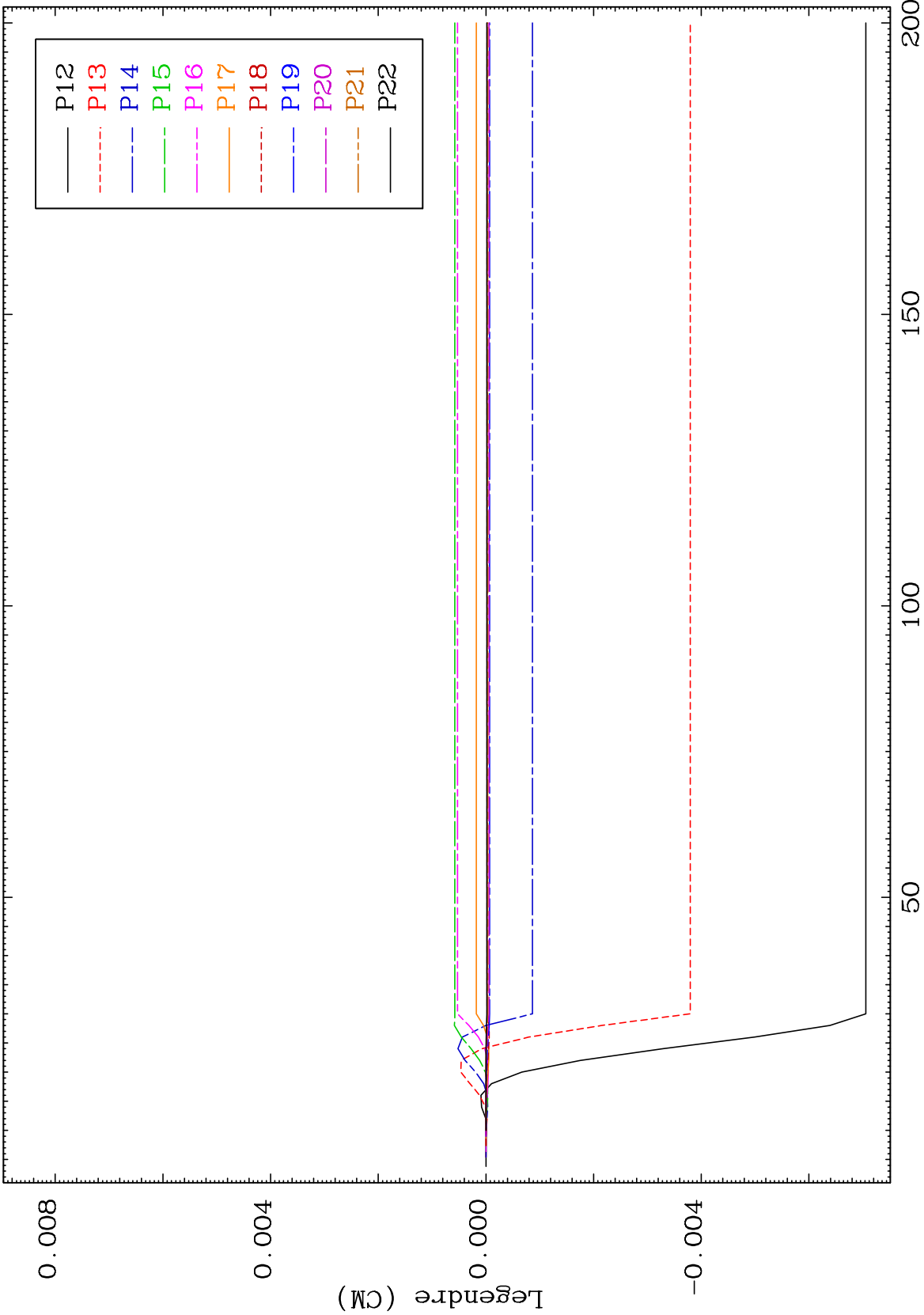




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626.4 keV (n,n') Level
Legendre Coefficients

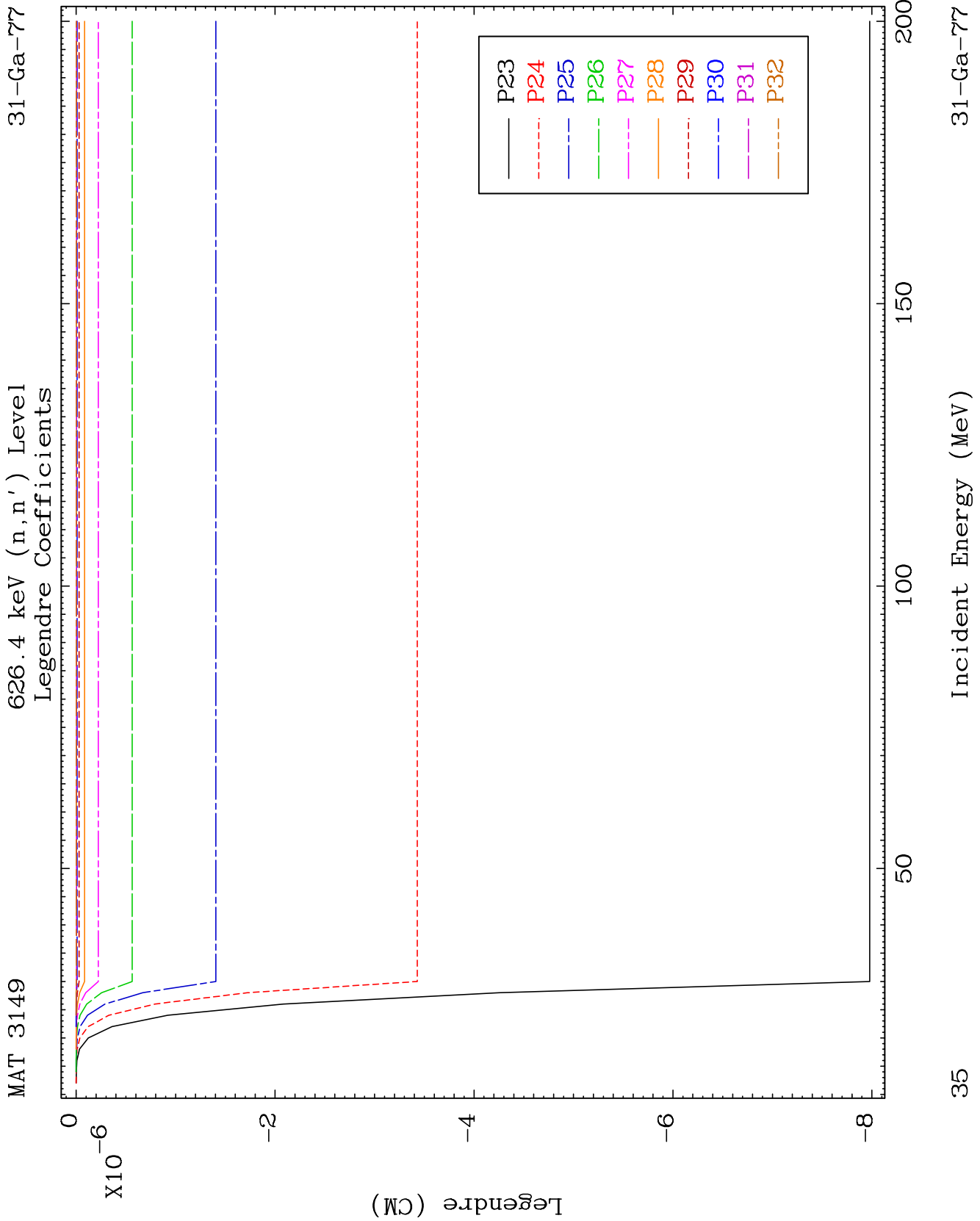
31-Ga-77

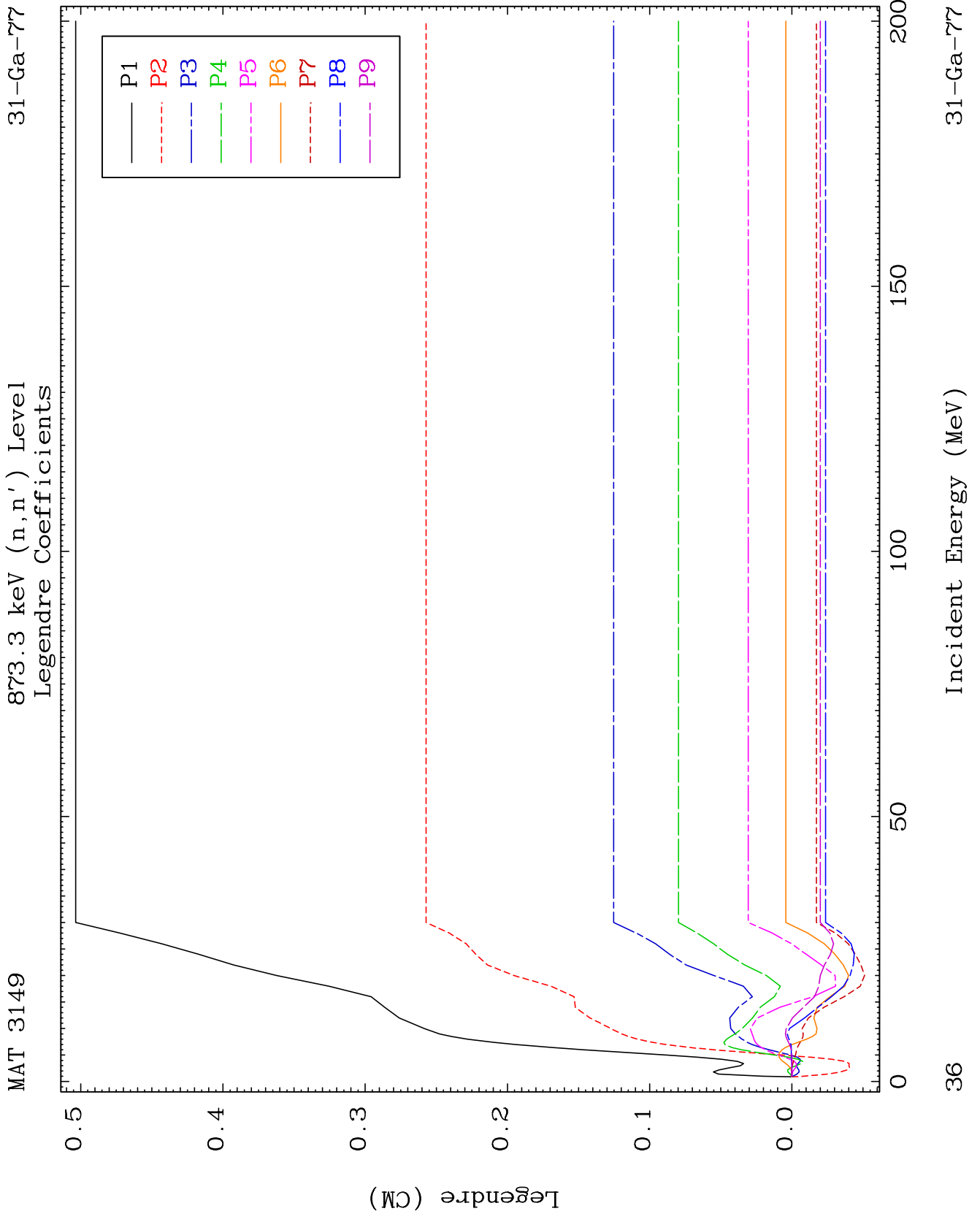


34

Incident Energy (MeV)

31-Ga-77

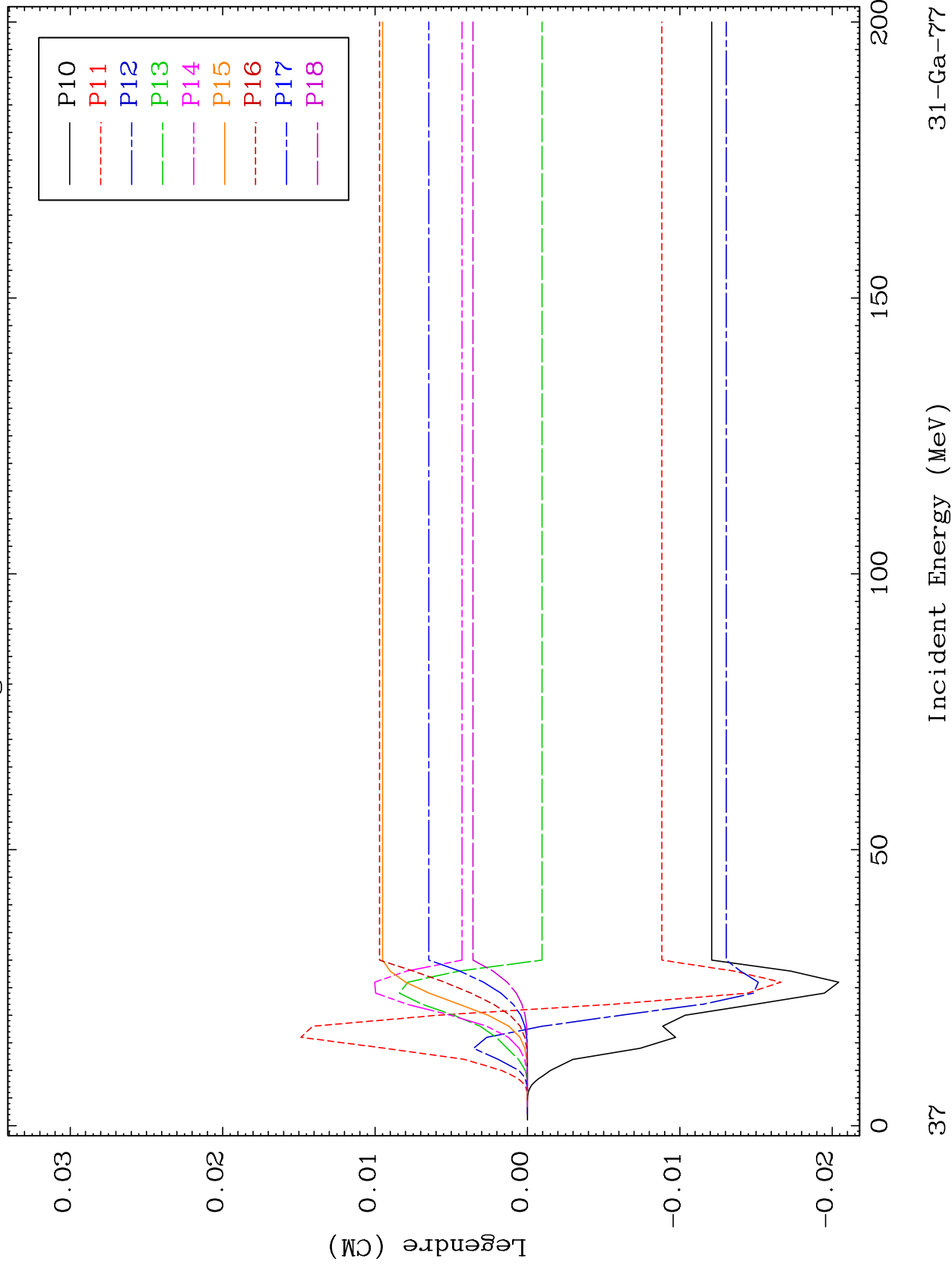




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873.3 keV (n,n') Level
Legendre Coefficients

31-Ga-77



31-Ga-77

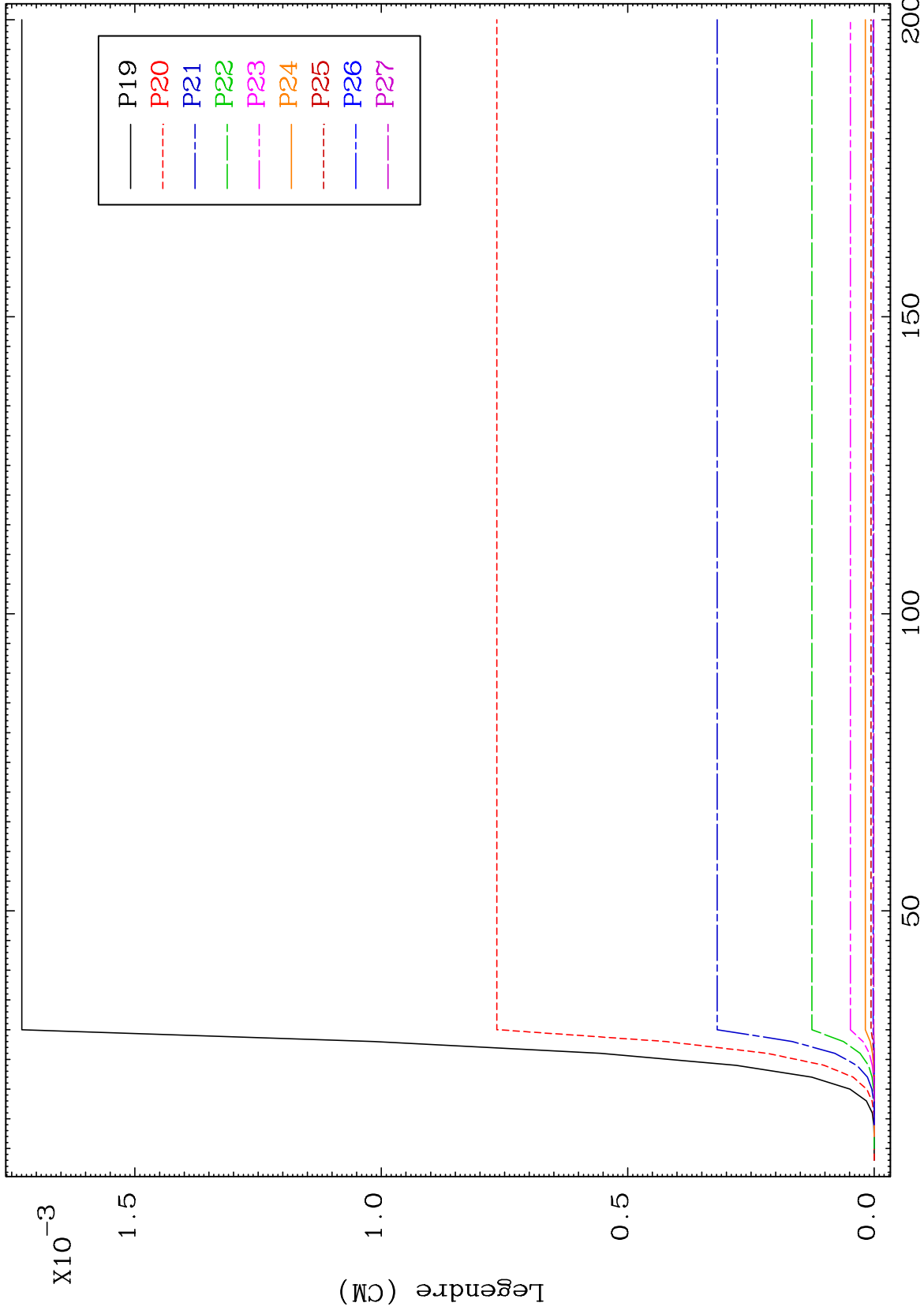
Incident Energy (MeV)

37

MAT 3149

873.3 keV (n,n') Level
Legendre Coefficients

31-Ga-77



38

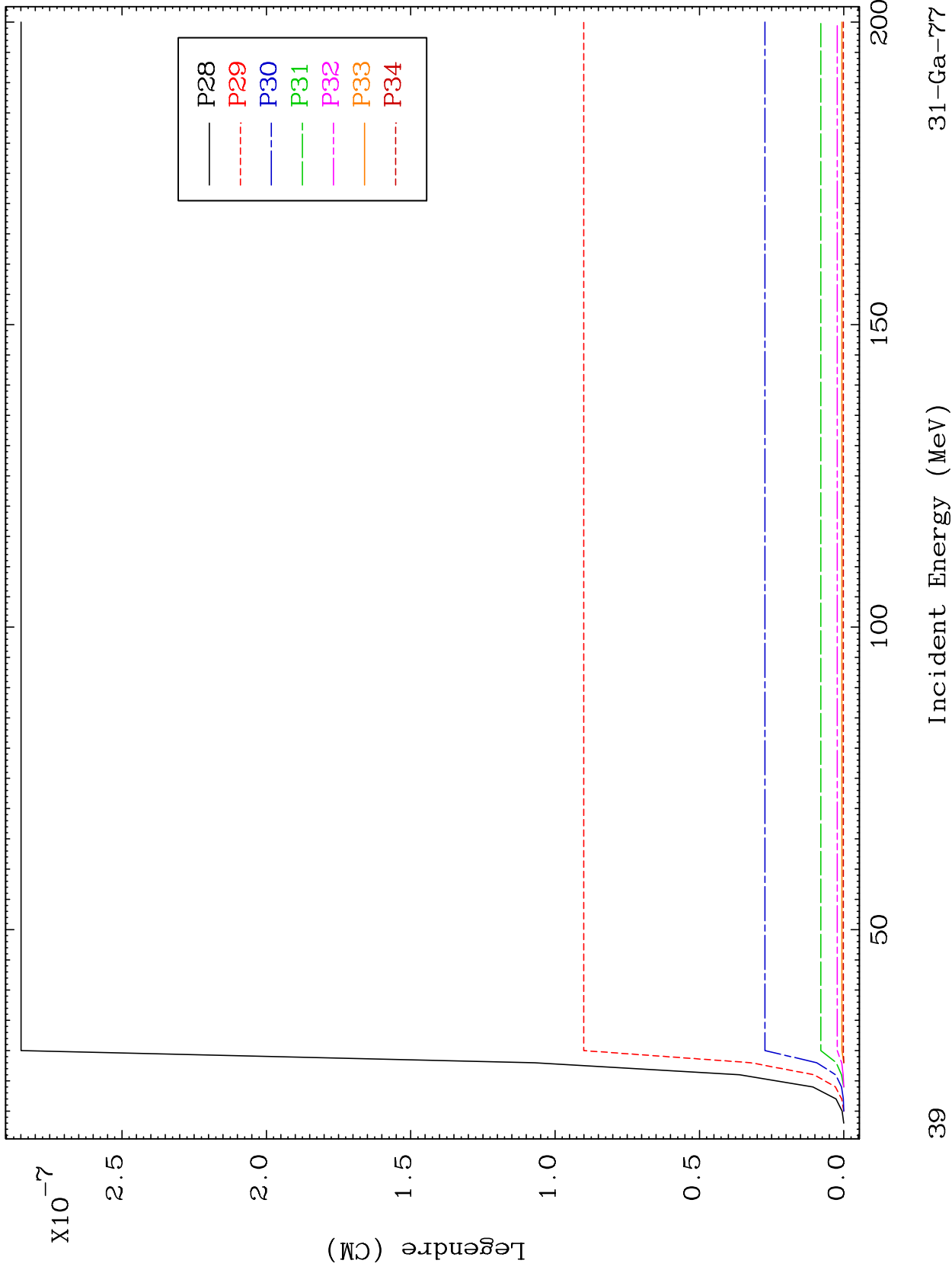
Incident Energy (MeV)

31-Ga-77

MAT 3149

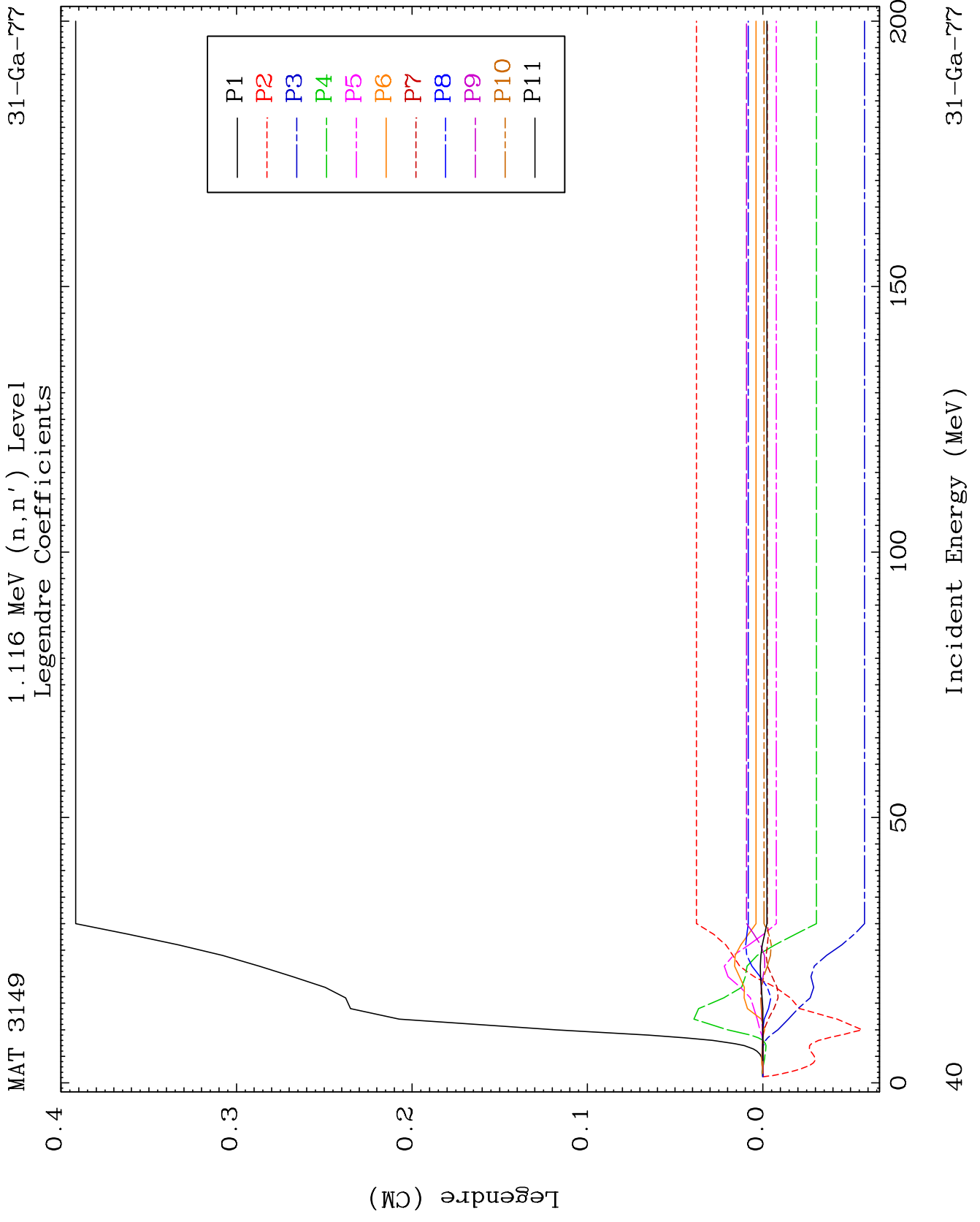
873.3 keV (n,n') Level
Legendre Coefficients

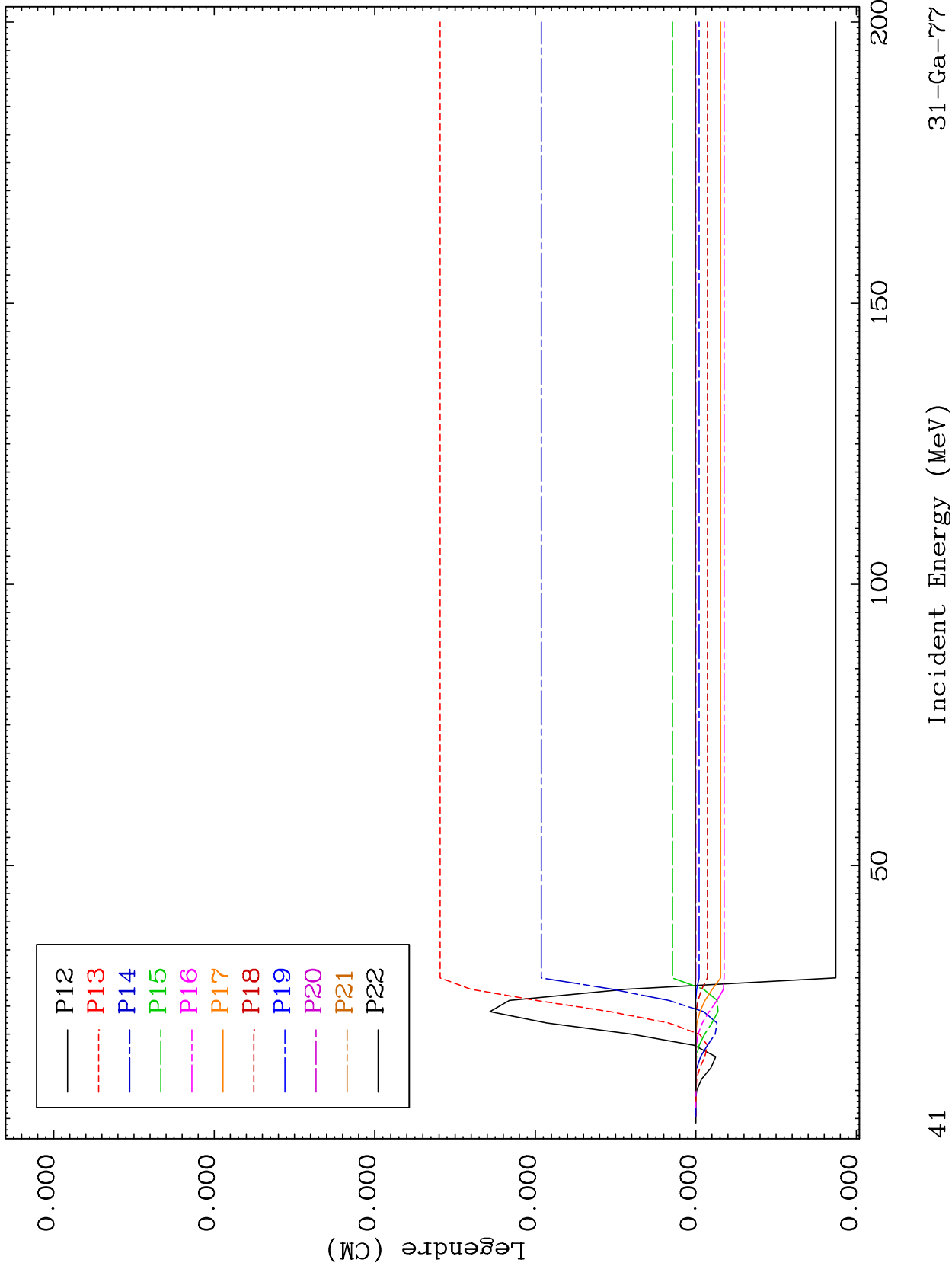
31-Ga-77

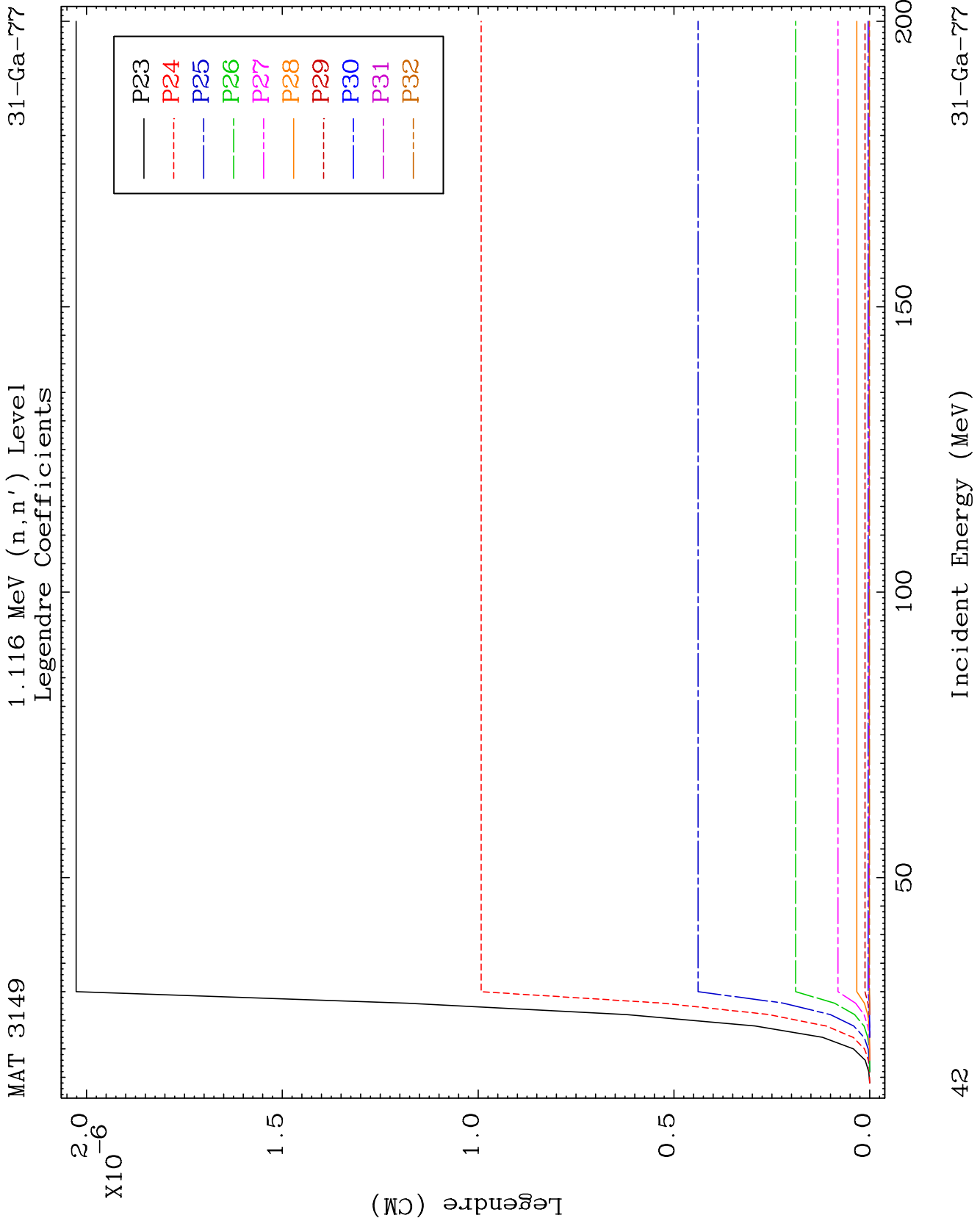


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31-Ga-77



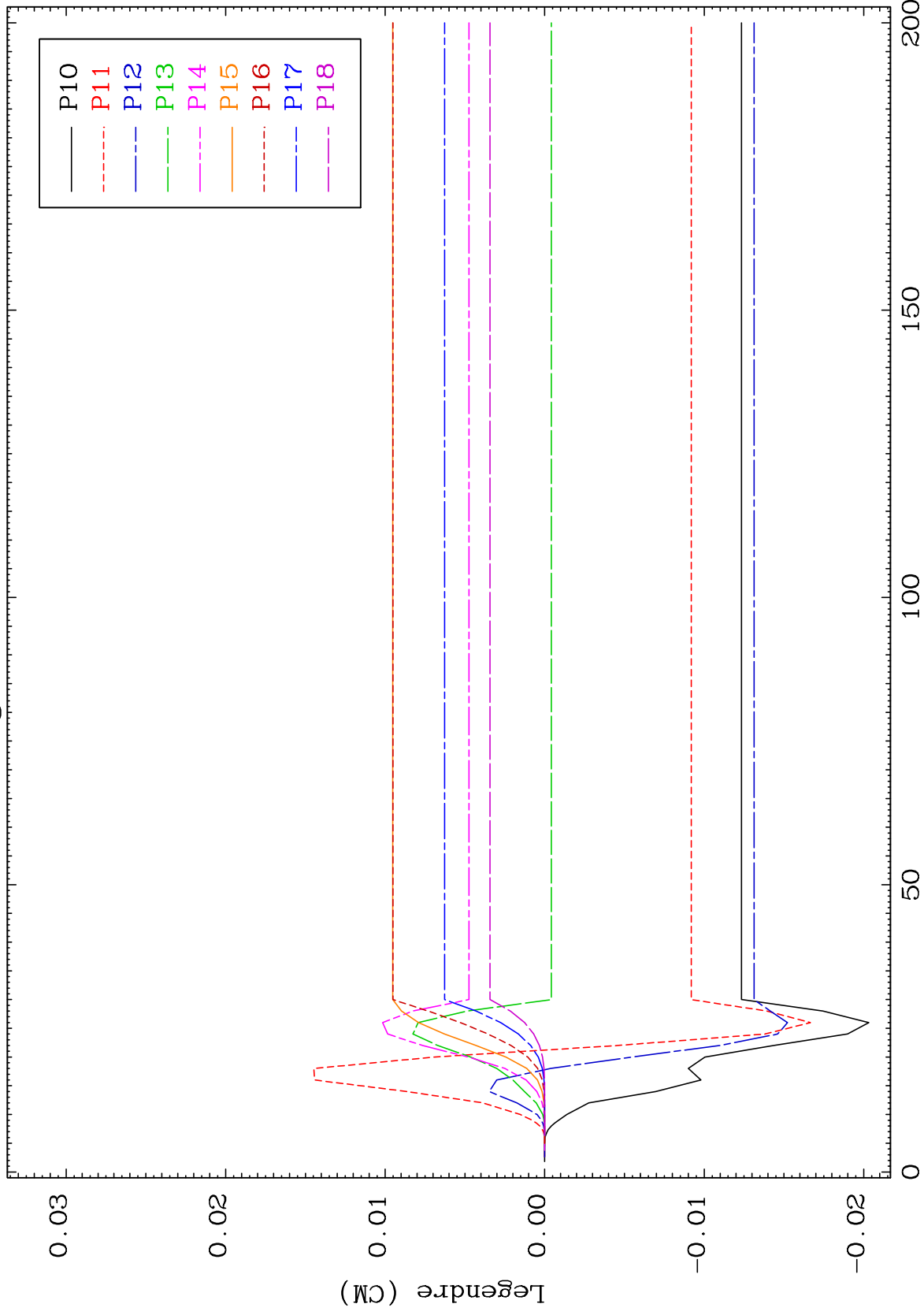




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1.234 MeV (n,n') Level
Legendre Coefficients

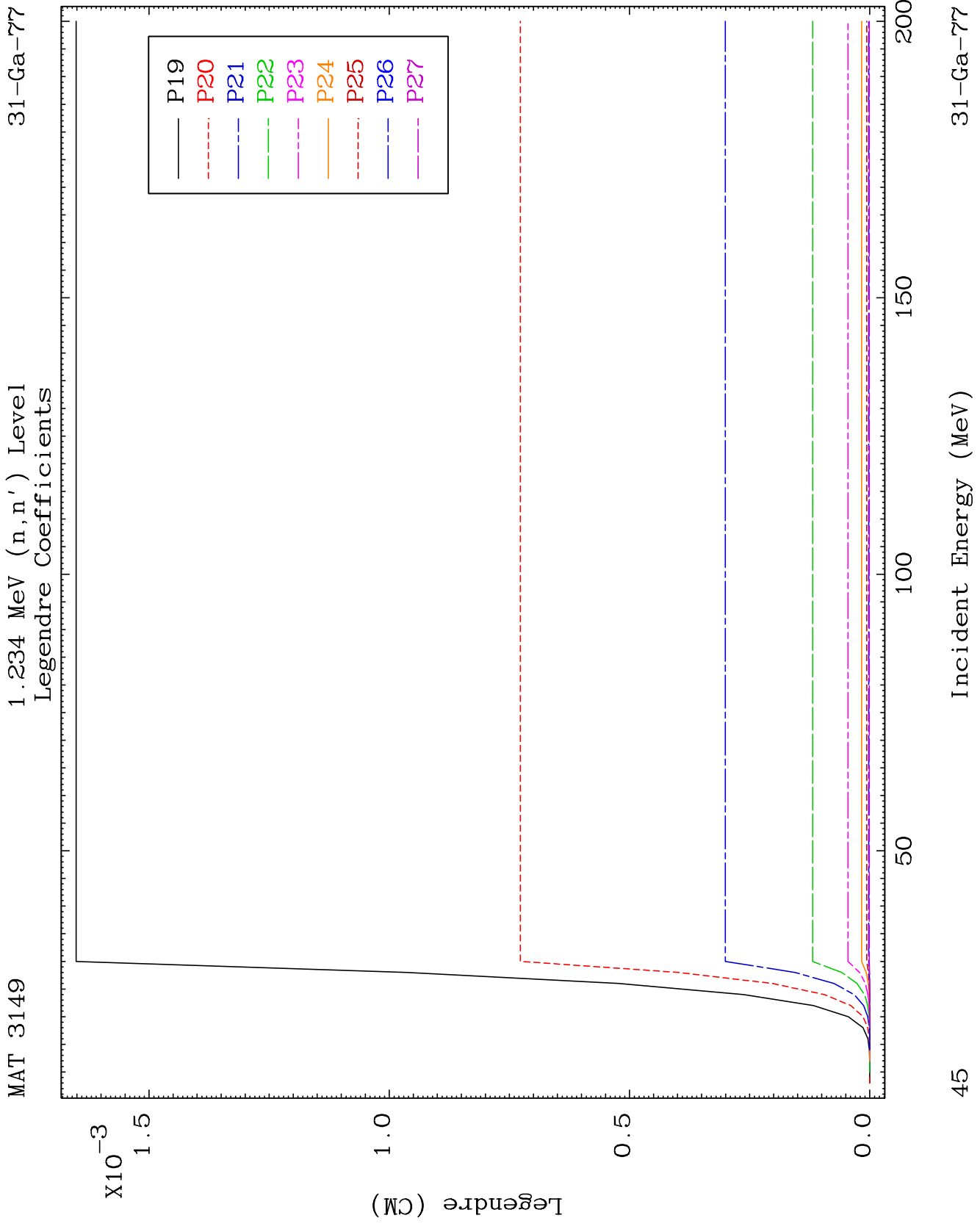
31-Ga-77



44

Incident Energy (MeV)

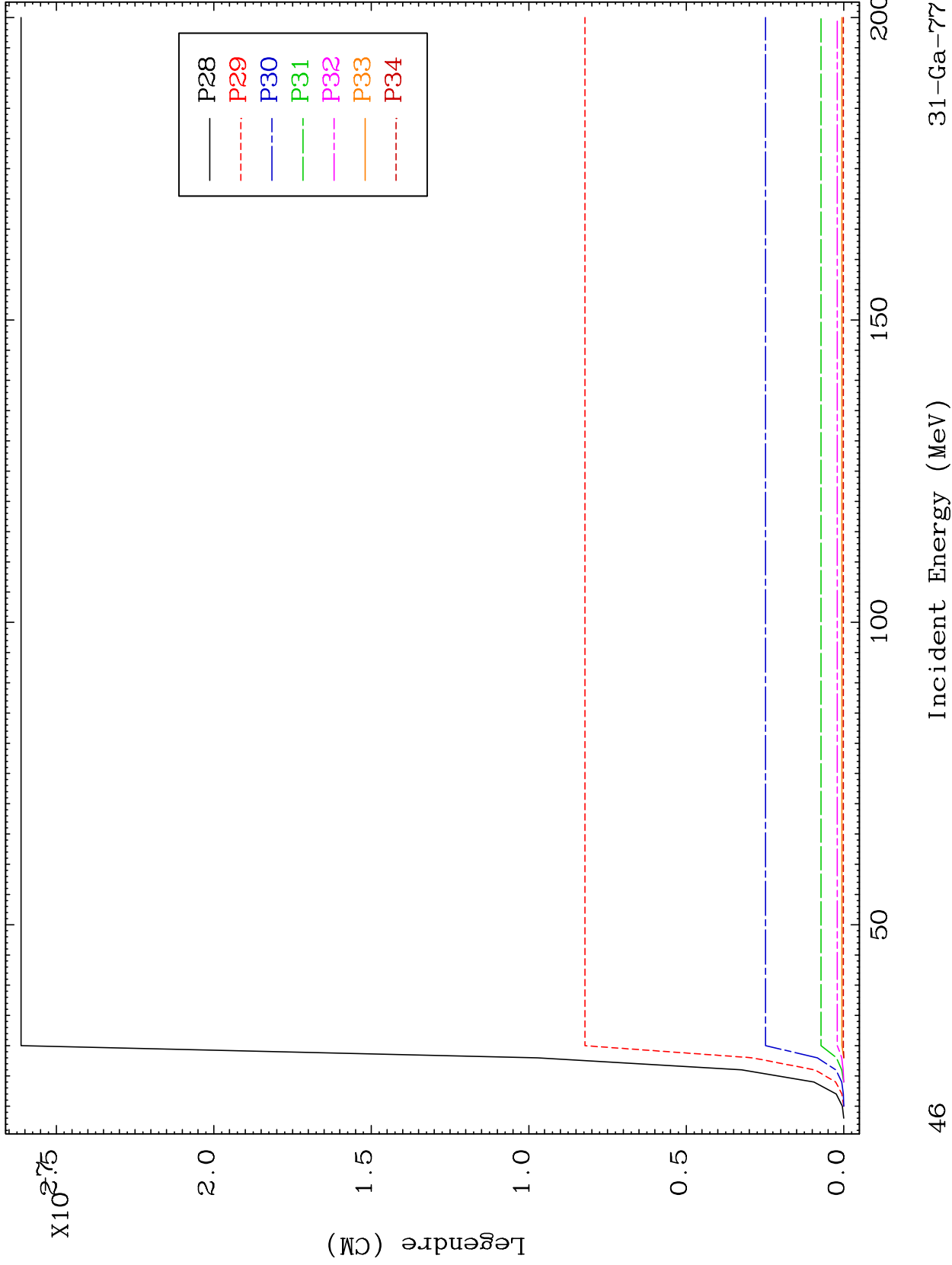
31-Ga-77



MAT 3149

1.234 MeV (n, n') Level
Legendre Coefficients

31-Ga-77



46

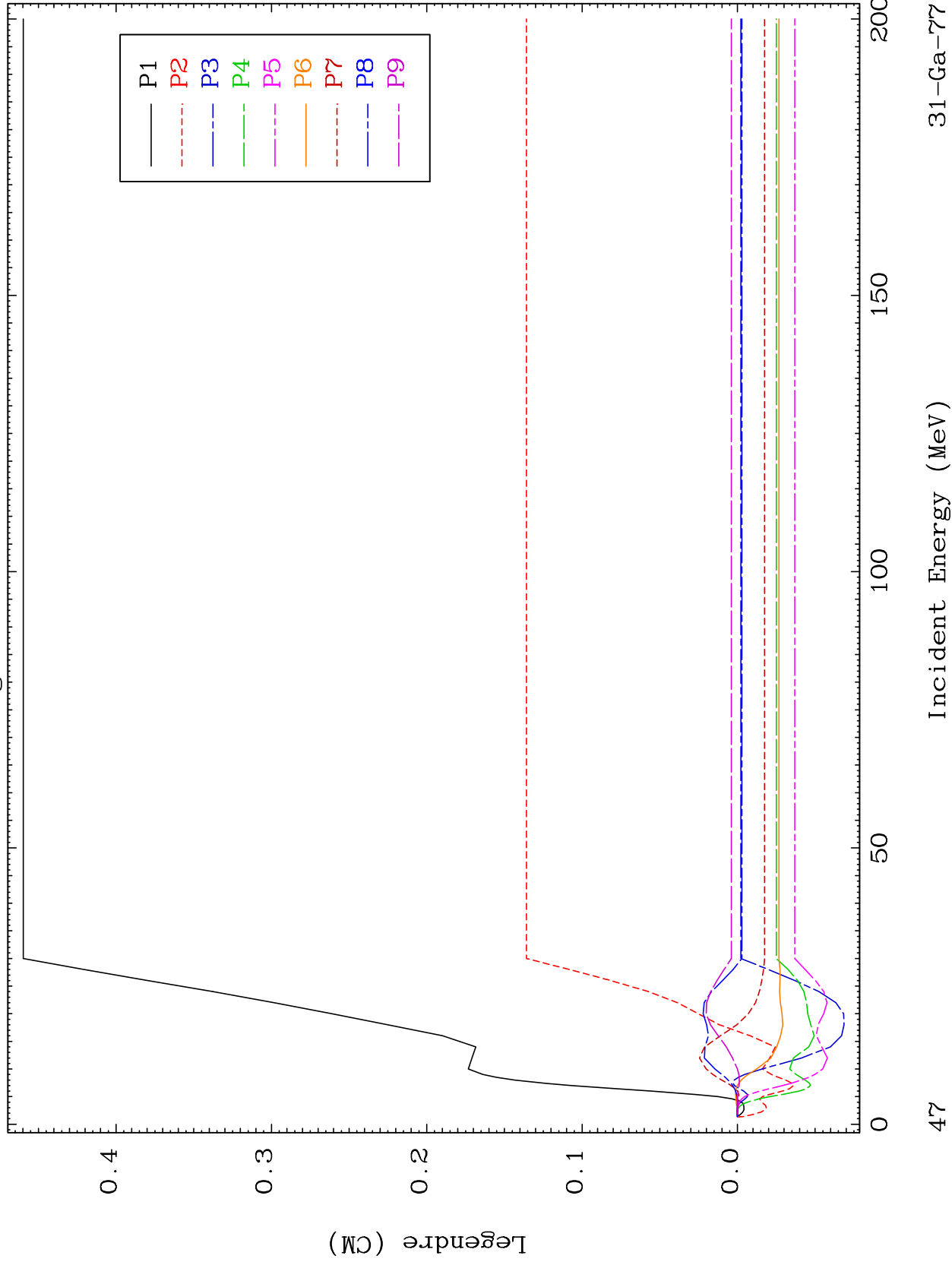
Incident Energy (MeV)

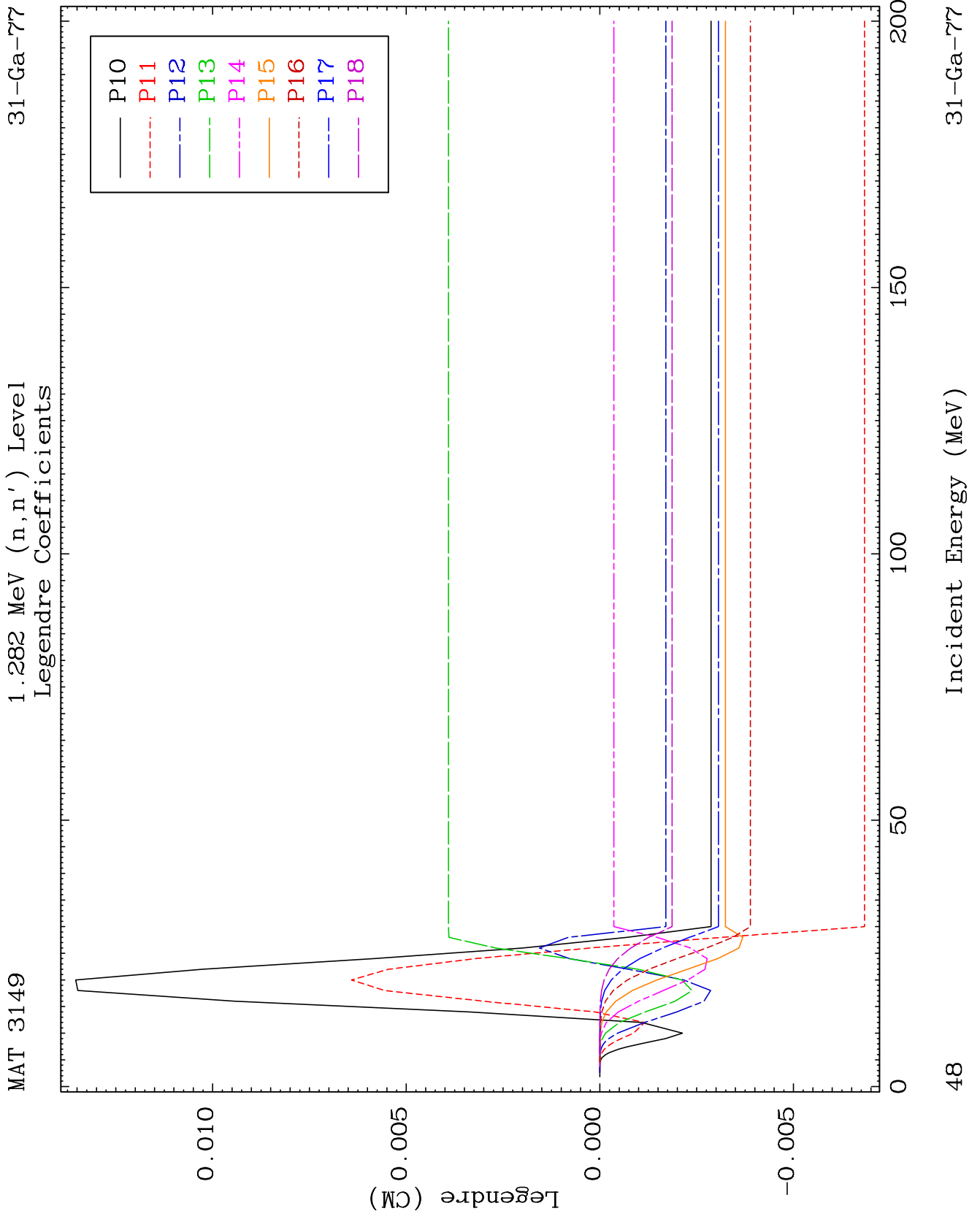
31-Ga-77

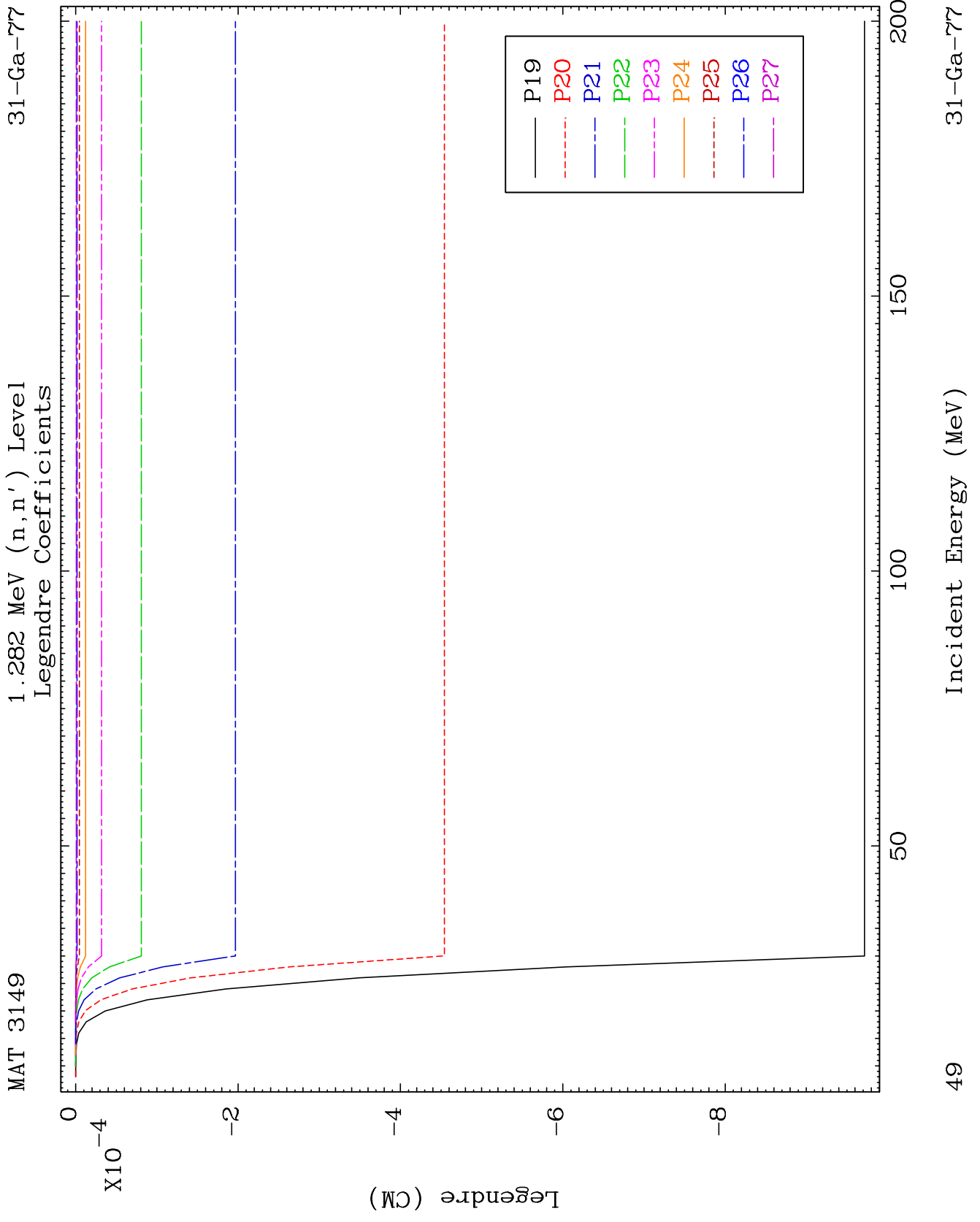
MAT 3149

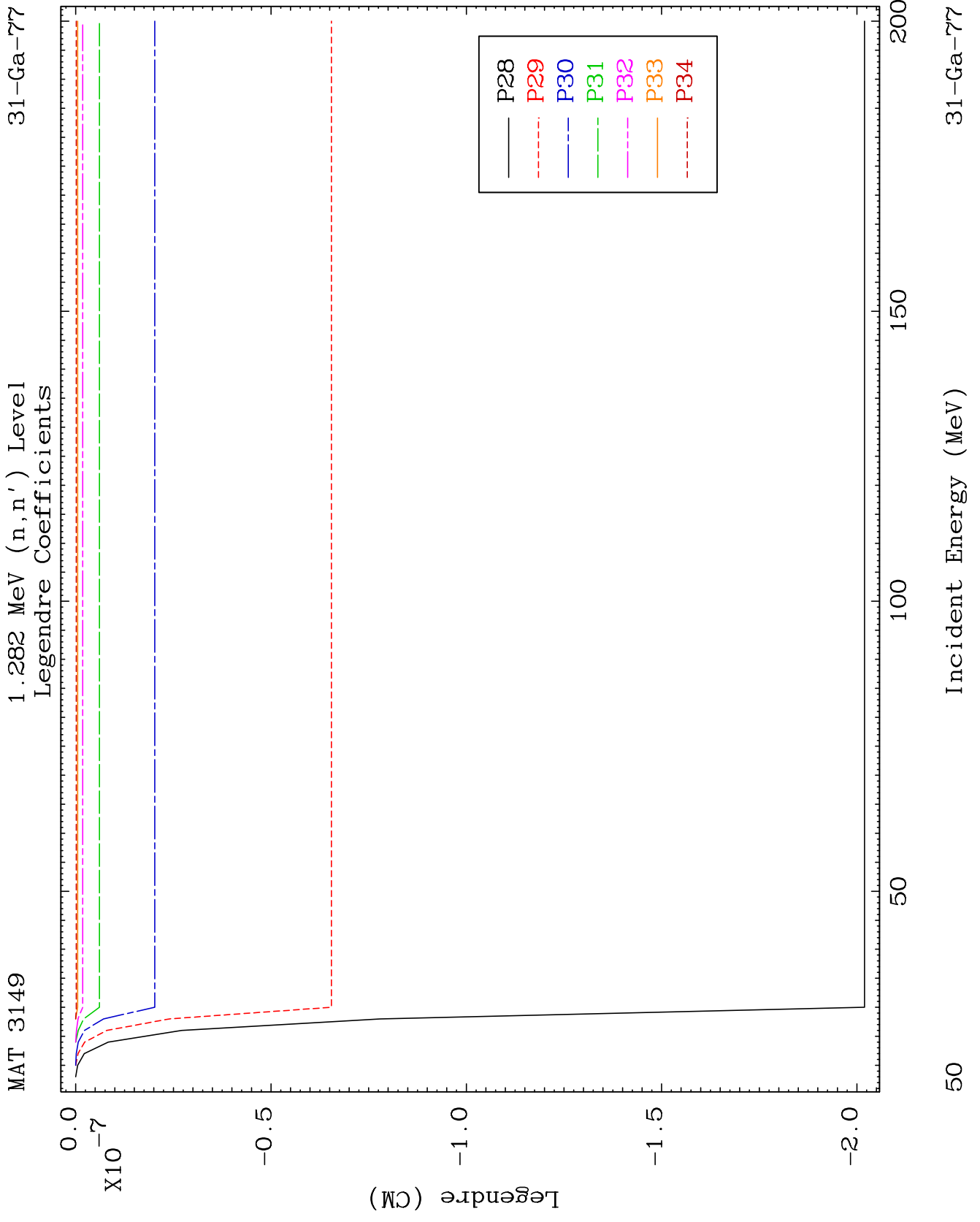
1.282 MeV (n,n') Level
Legendre Coefficients

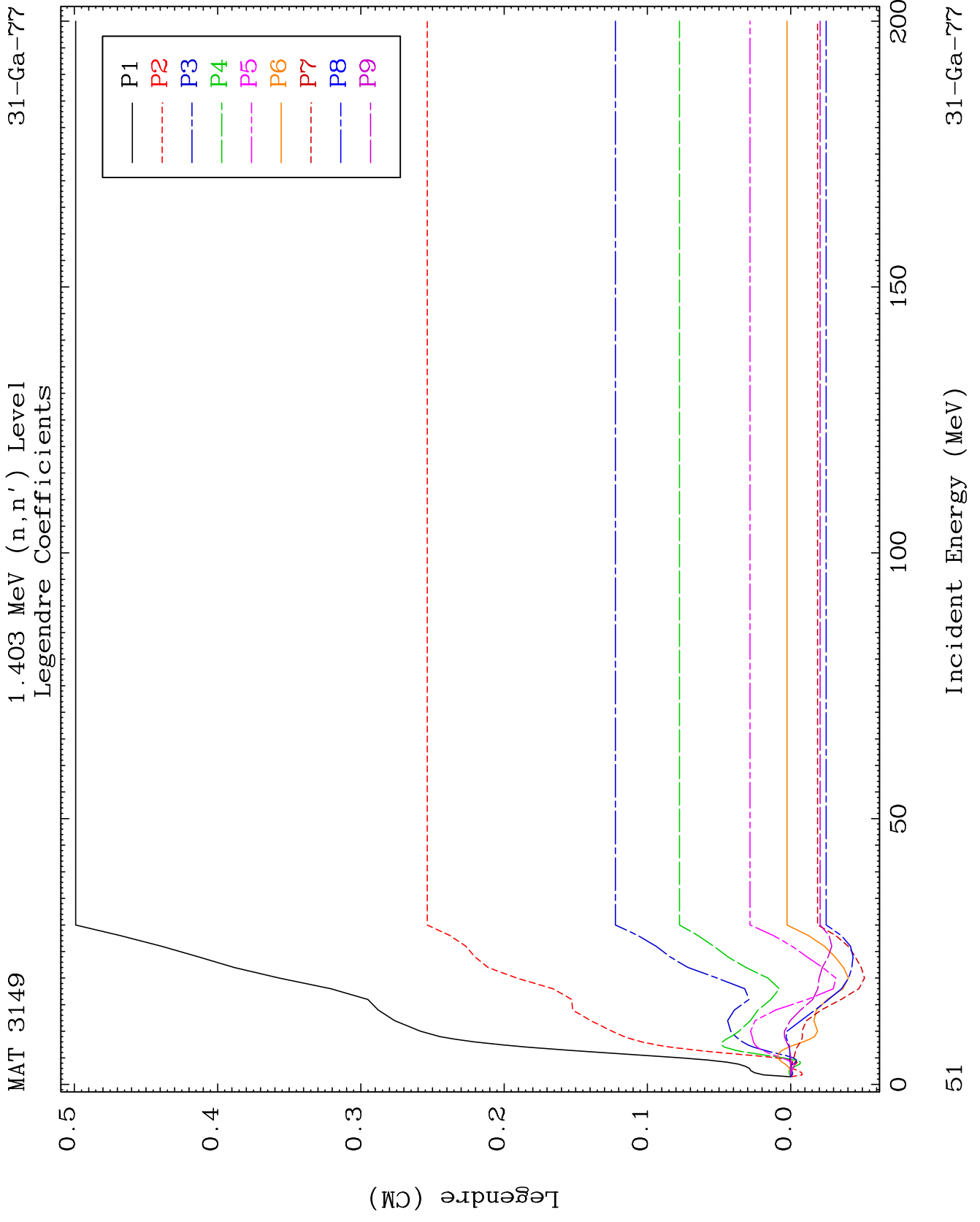
31-Ga-77







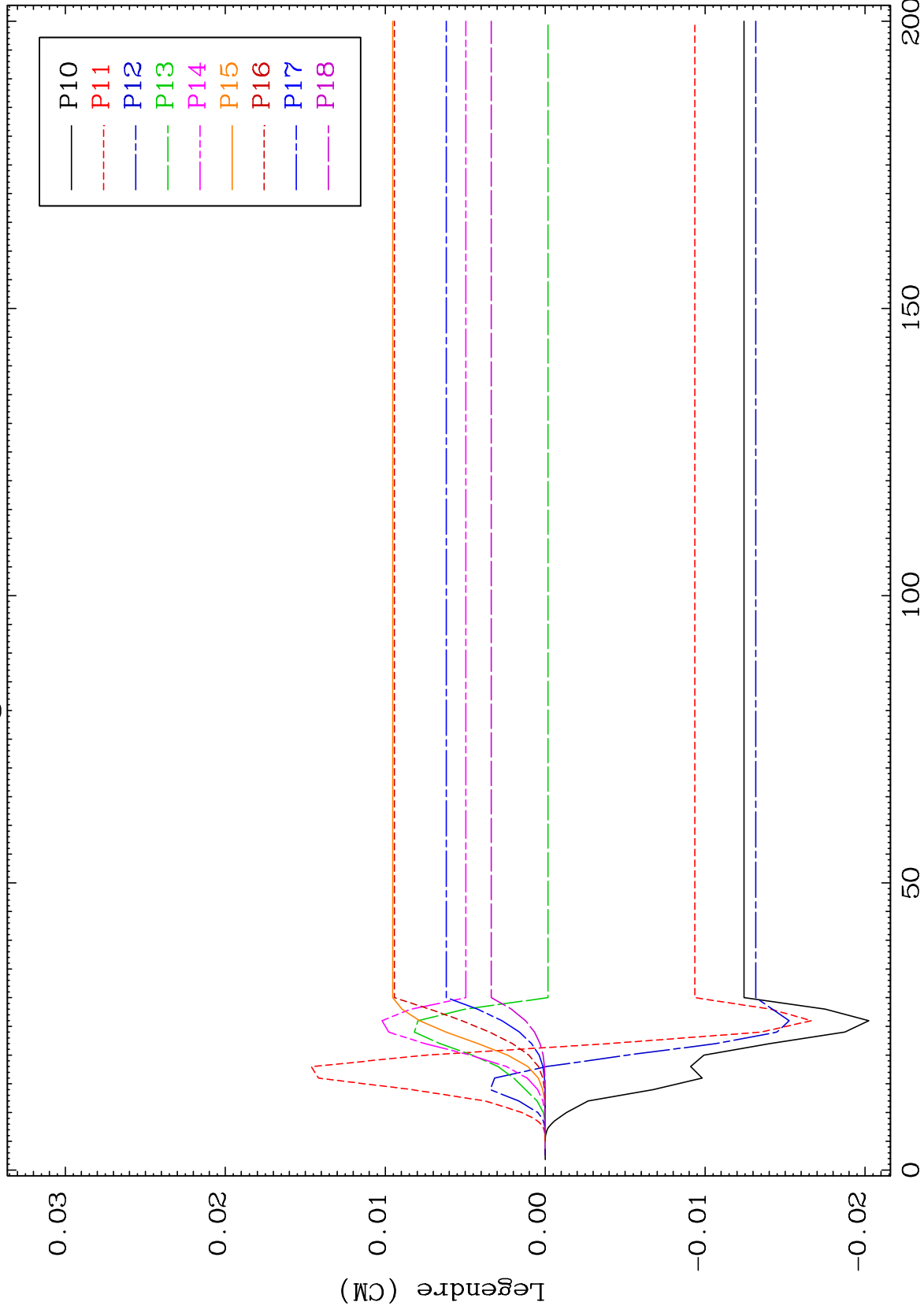




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1.403 MeV (n,n') Level
Legendre Coefficients

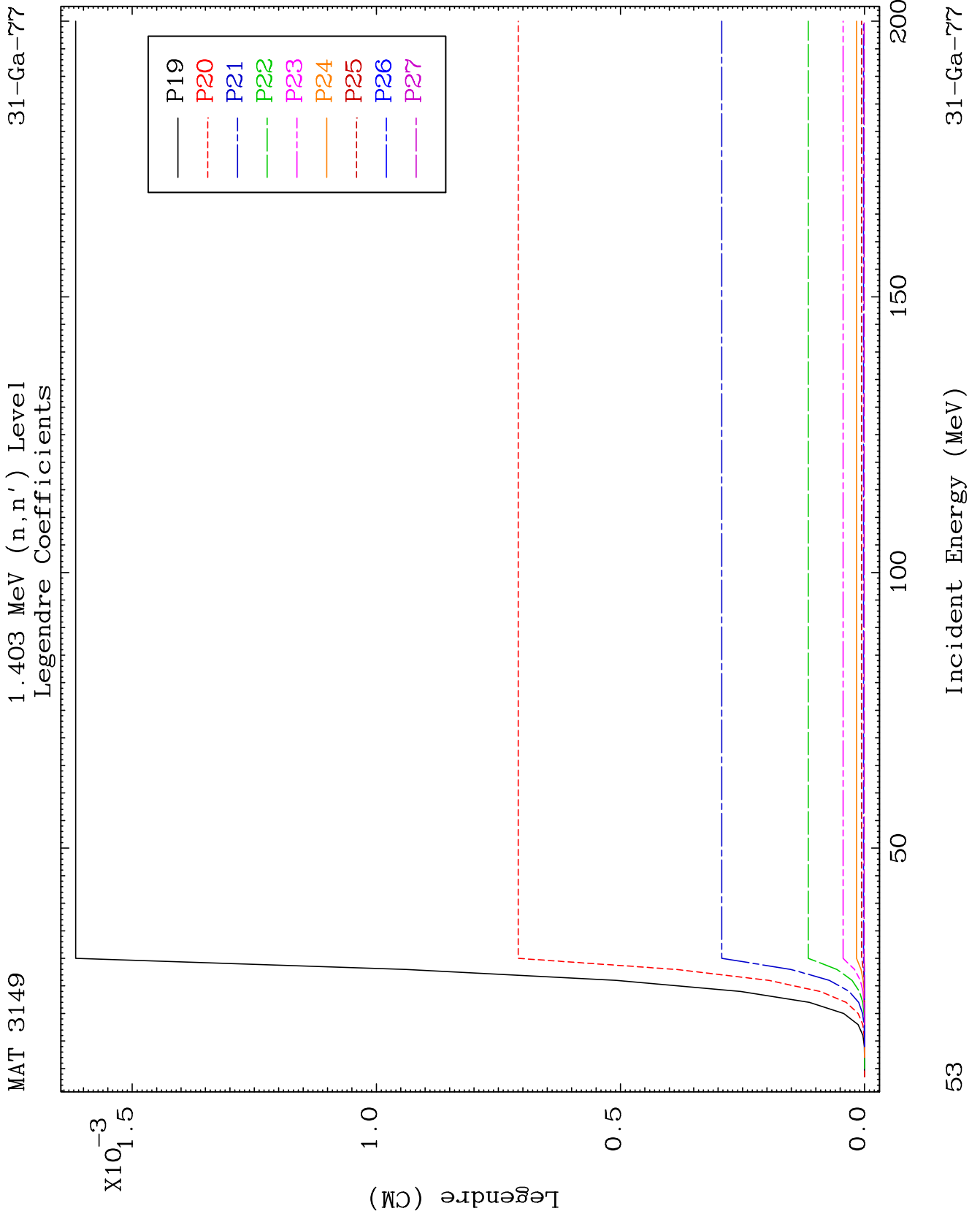
31-Ga-77



52

Incident Energy (MeV)

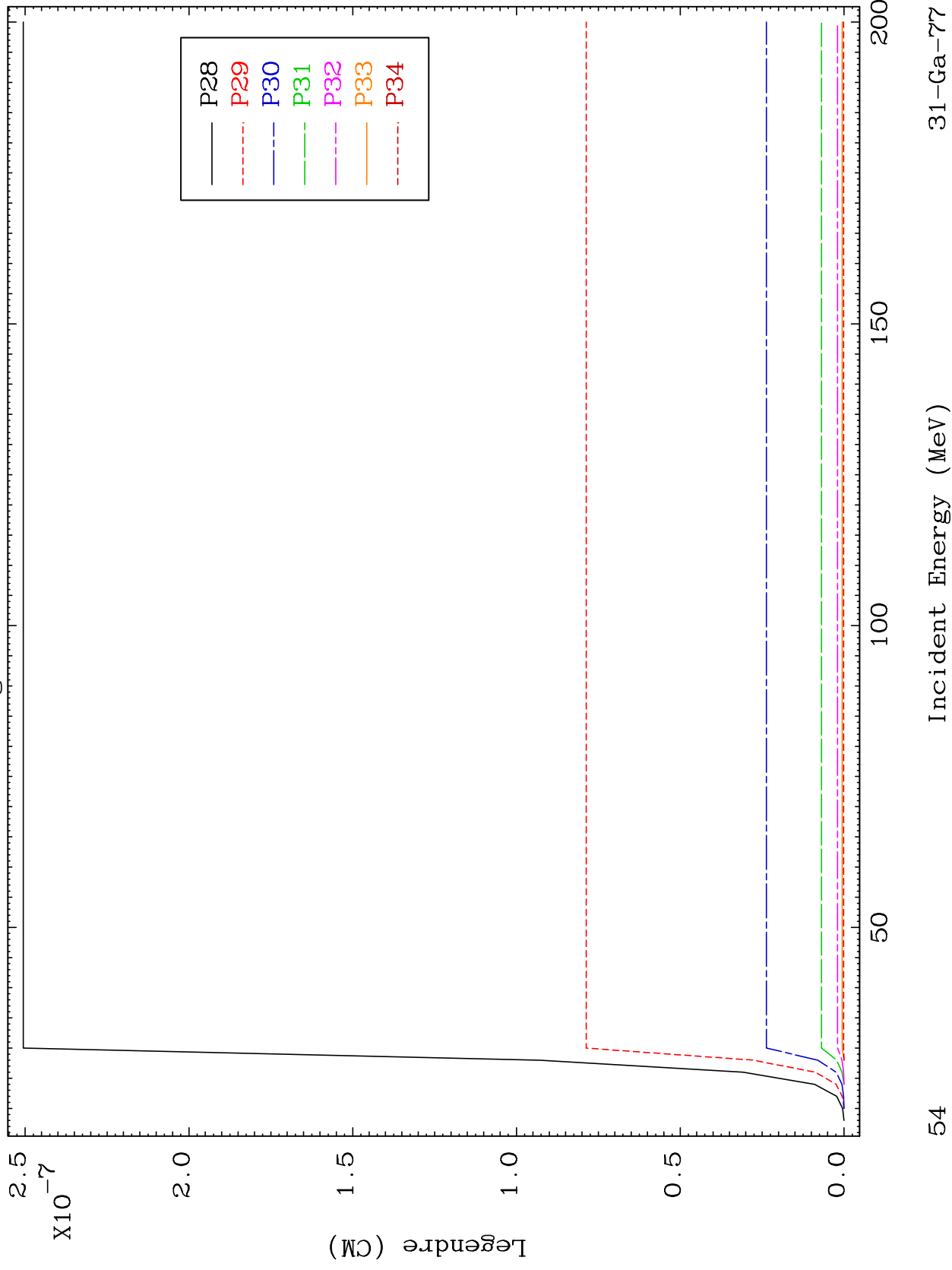
31-Ga-77



MAT 3149

1.403 MeV (n,n') Level
Legendre Coefficients

31-Ga-77



54

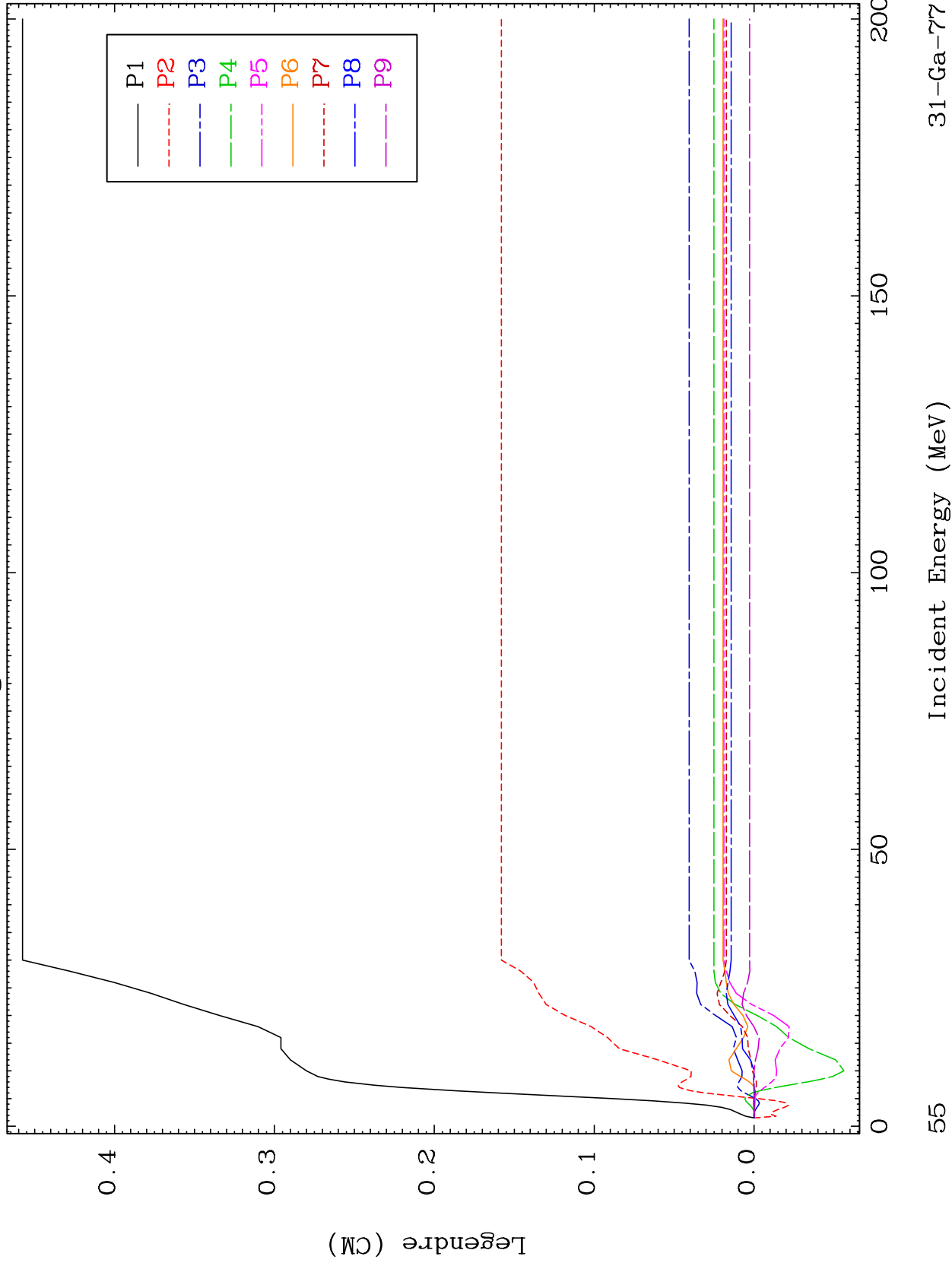
Incident Energy (MeV)

31-Ga-77

MAT 3149

1.477 MeV (n,n') Level
Legendre Coefficients

31-Ga-77



31-Ga-77

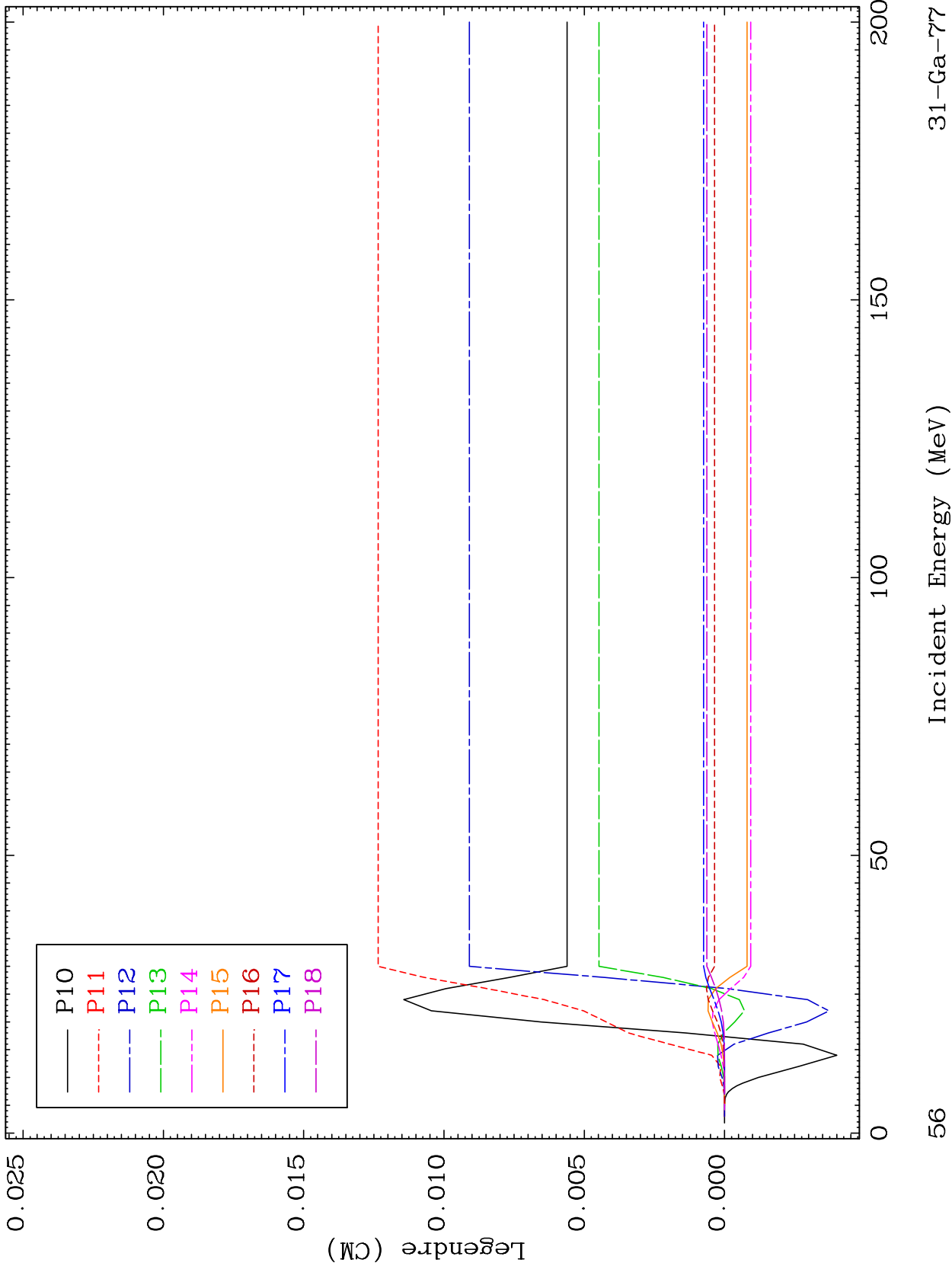
Incident Energy (MeV)

55

MAT 3149

1.477 MeV (n,n') Level
Legendre Coefficients

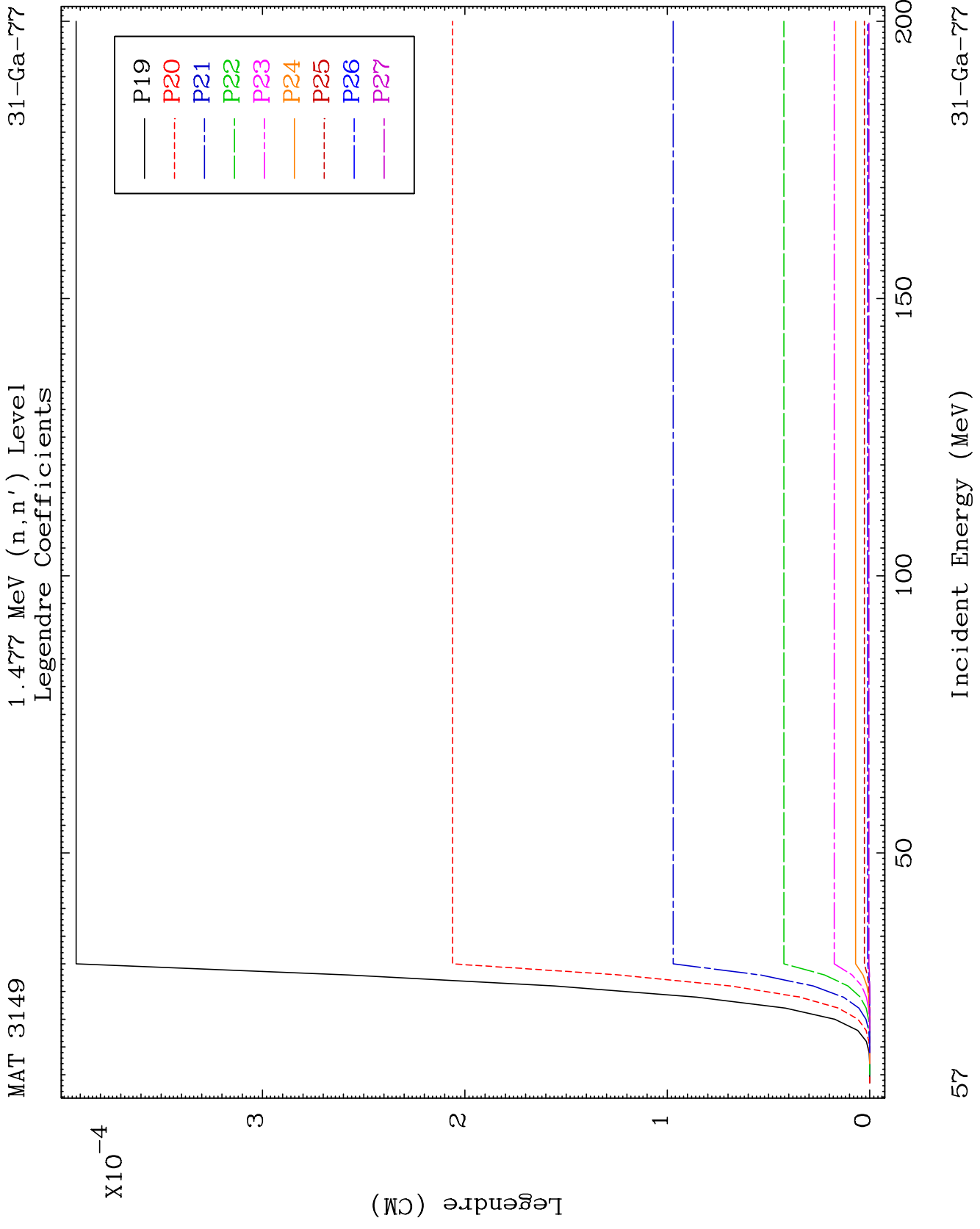
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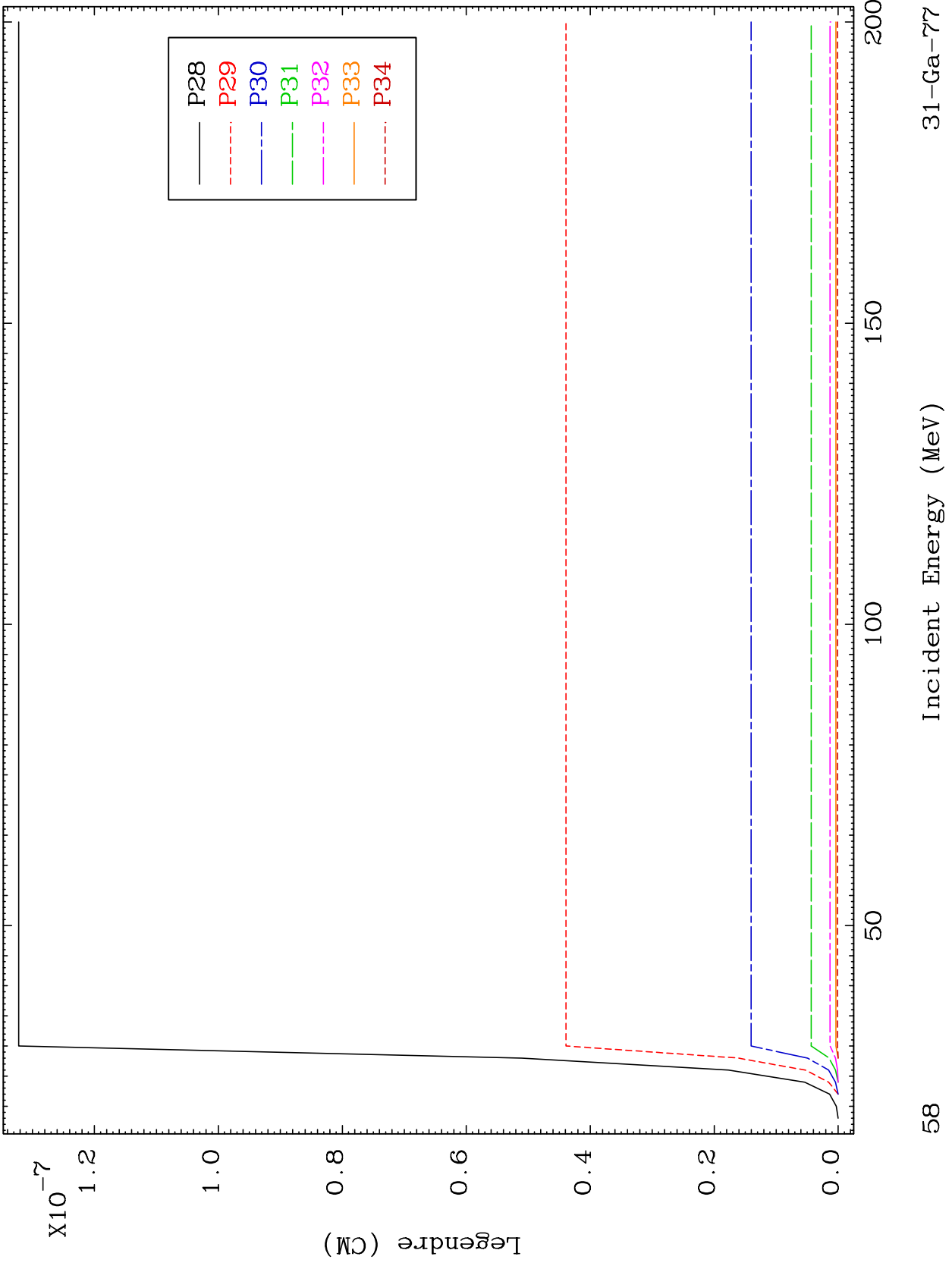


31-Ga-77

Incident Energy (MeV)

56

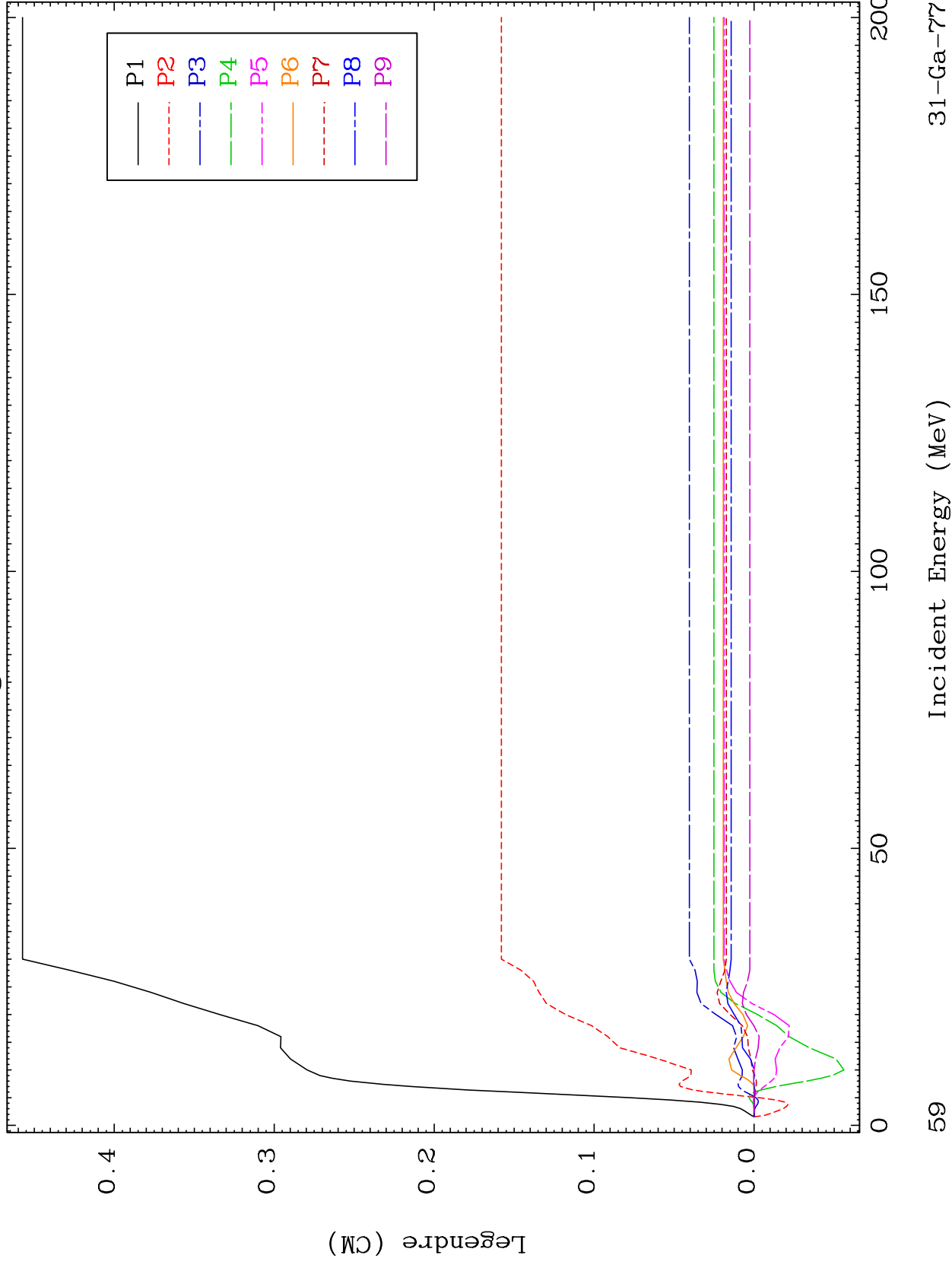




MAT 3149

1.516 MeV (n,n') Level
Legendre Coefficients

31-Ga-77



31-Ga-77

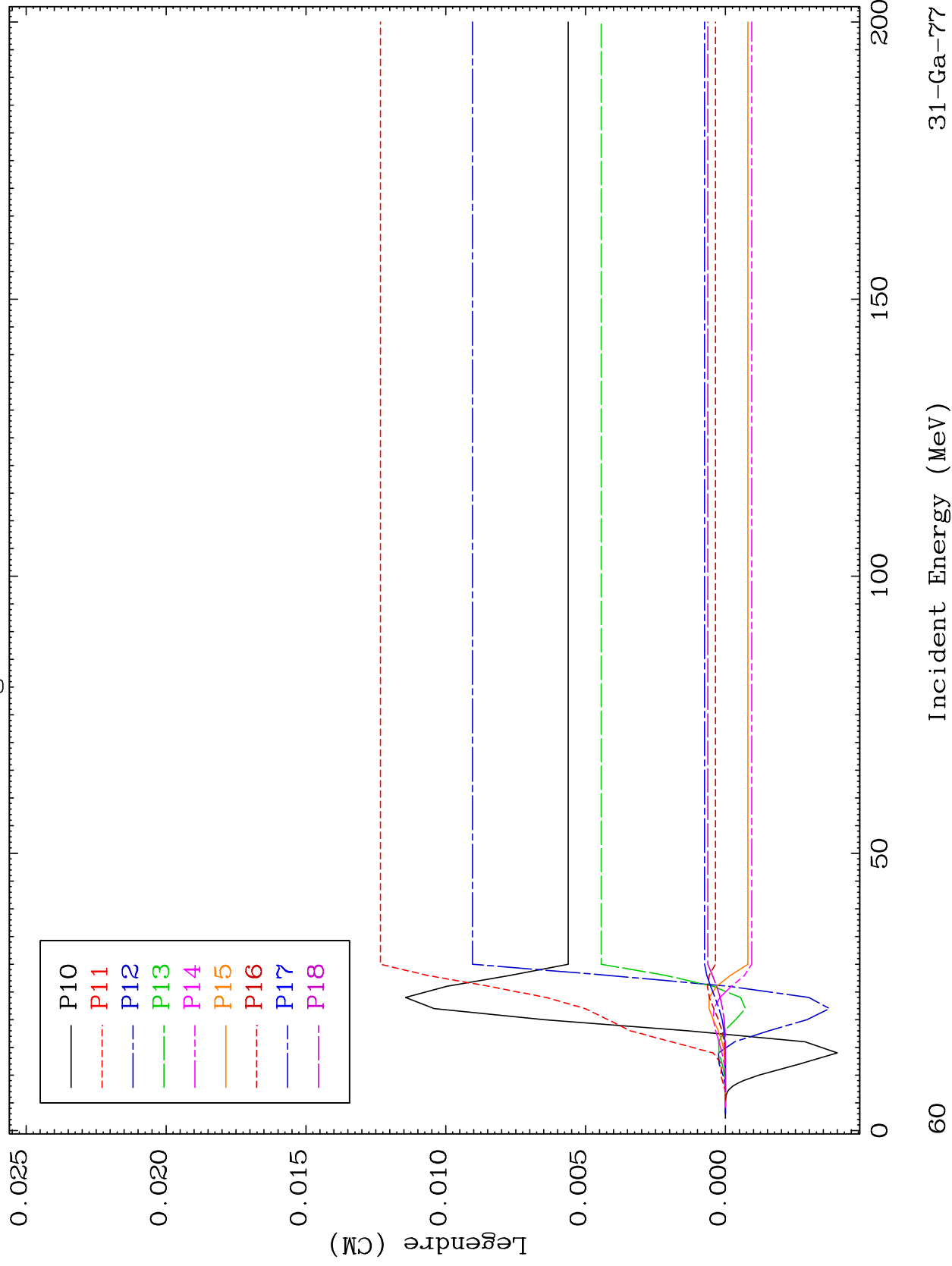
Incident Energy (MeV)

59

MAT 3149

1.516 MeV (n,n') Level
Legendre Coefficients

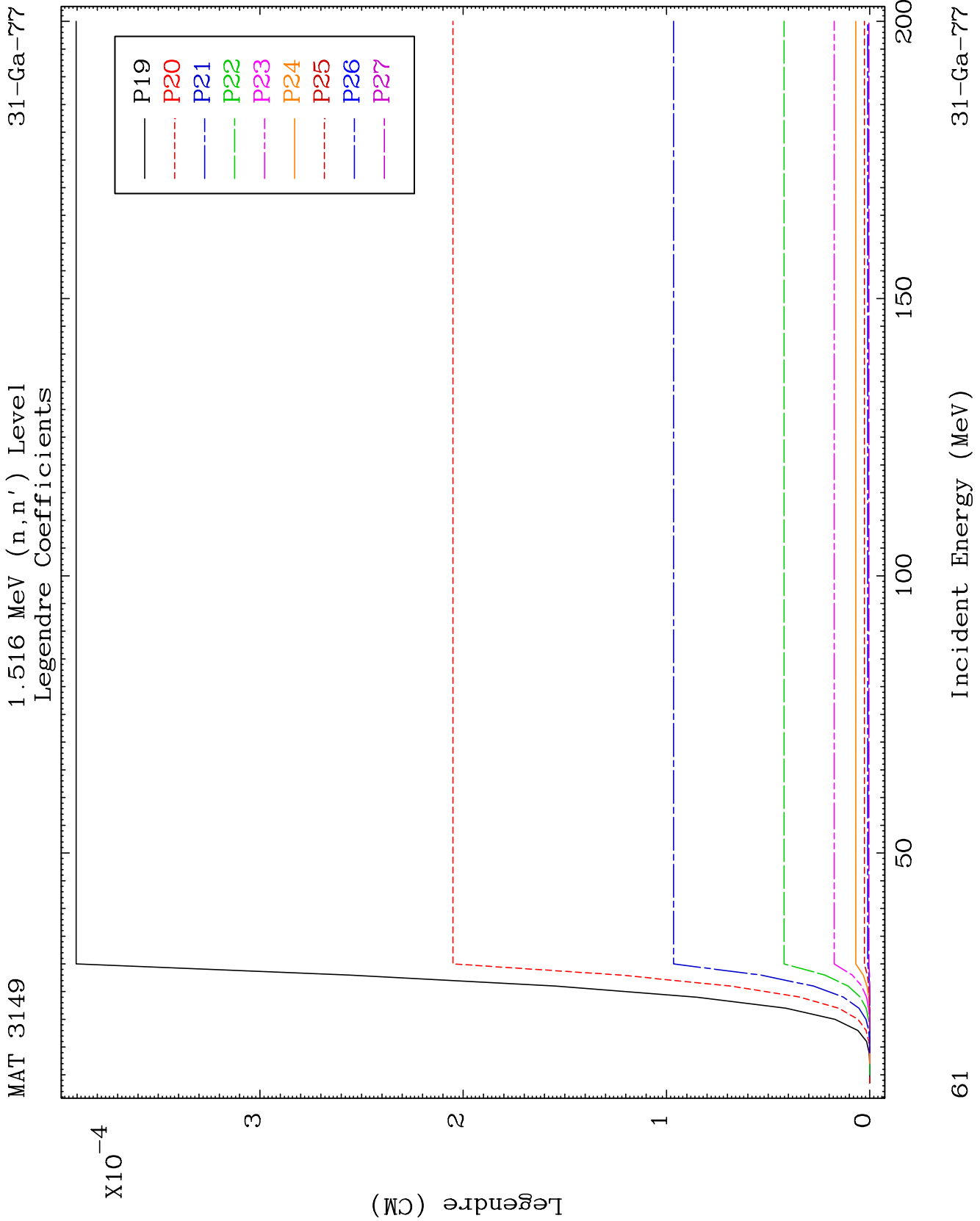
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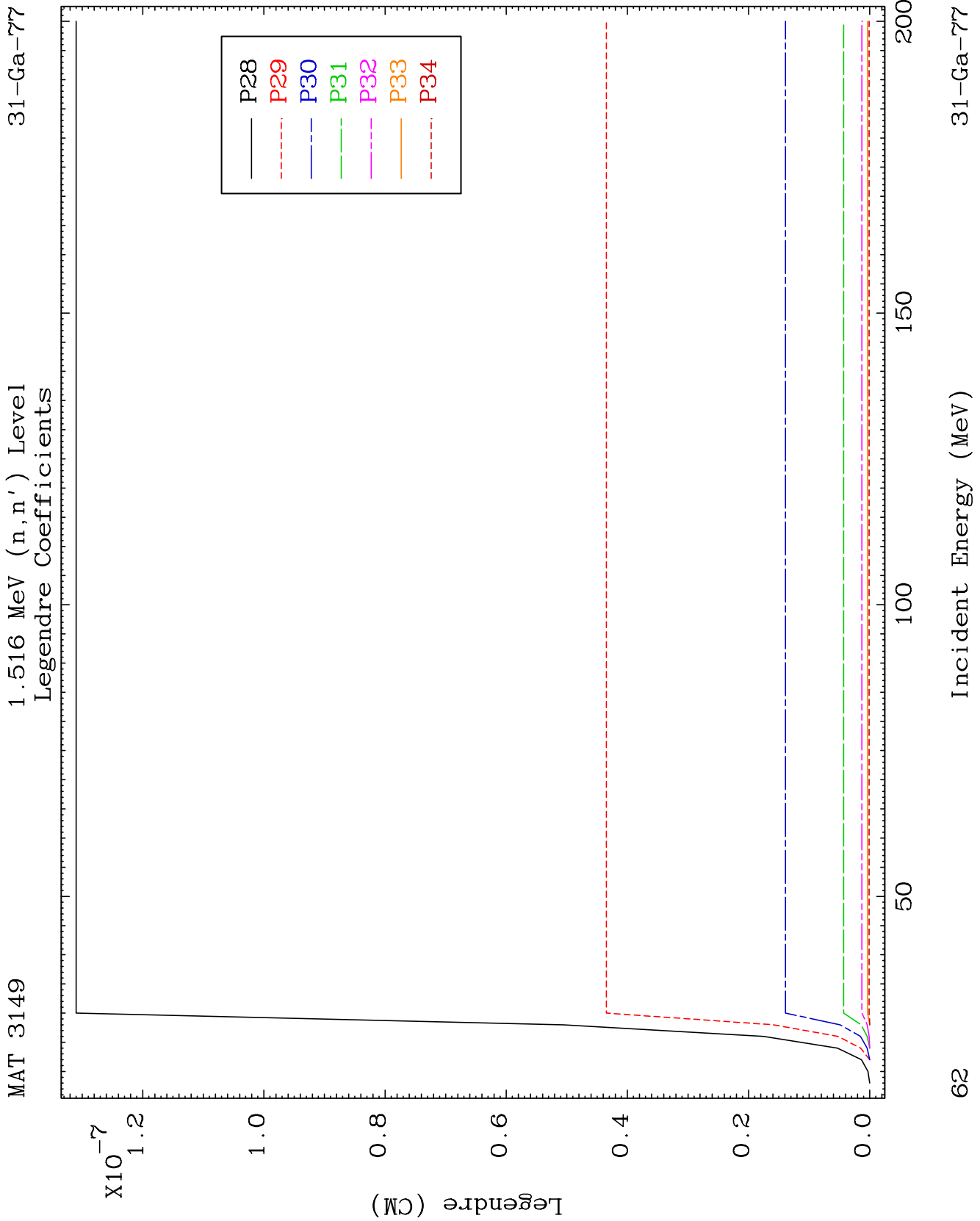


31-Ga-77

Incident Energy (MeV)

60

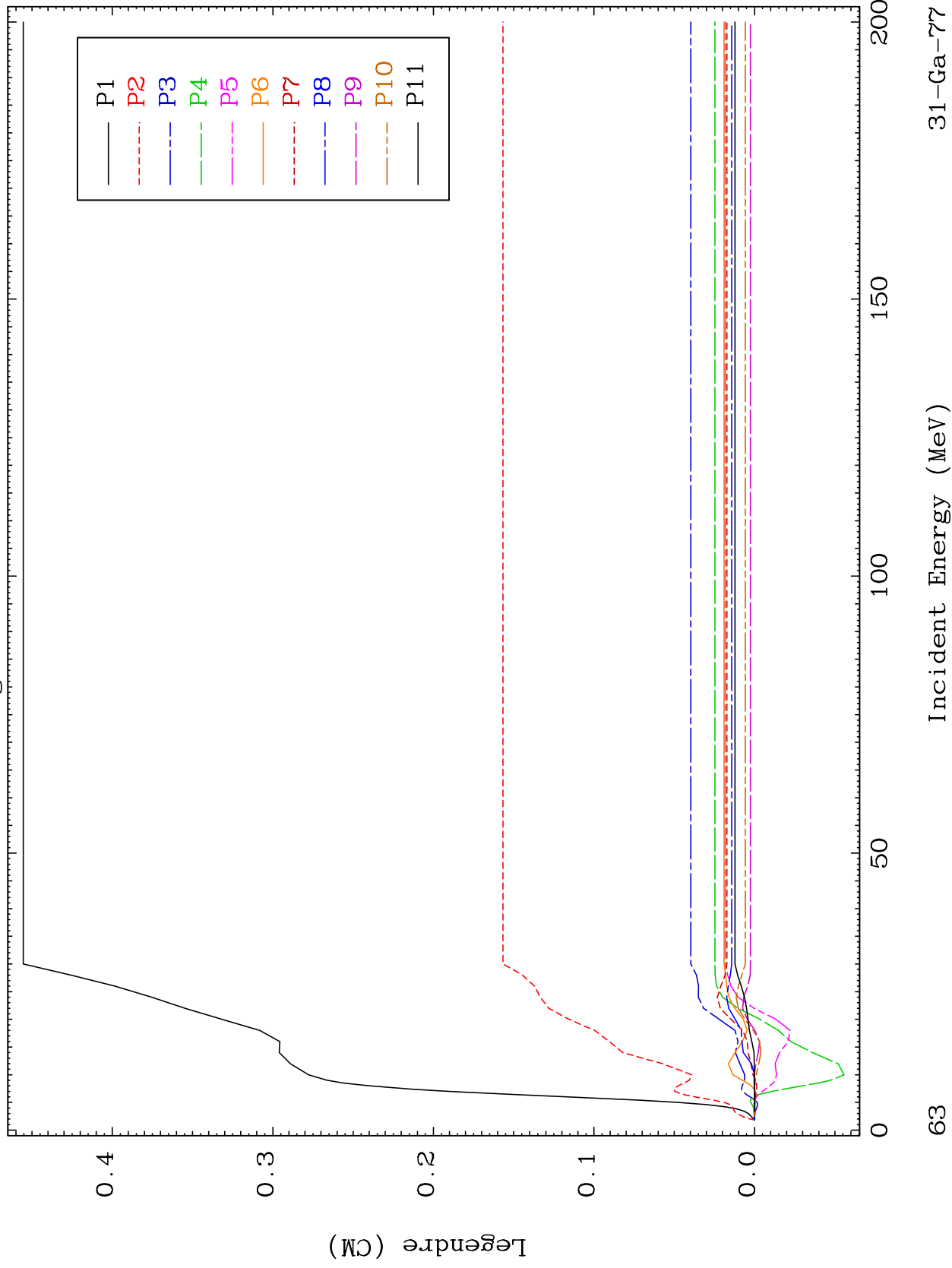




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1.797 MeV (n,n') Level
Legendre Coefficients

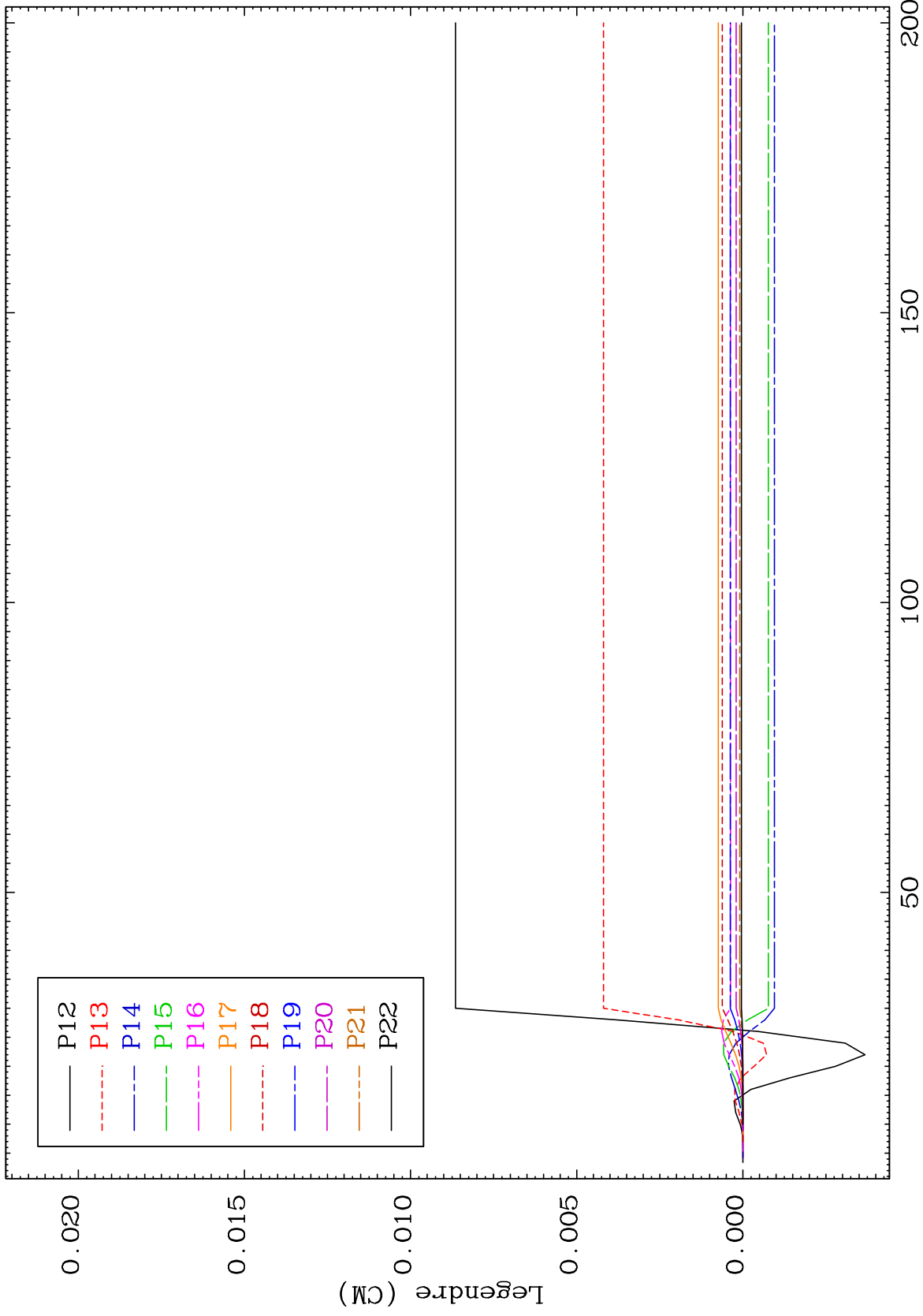
31-Ga-77



31-Ga-77

Incident Energy (MeV)

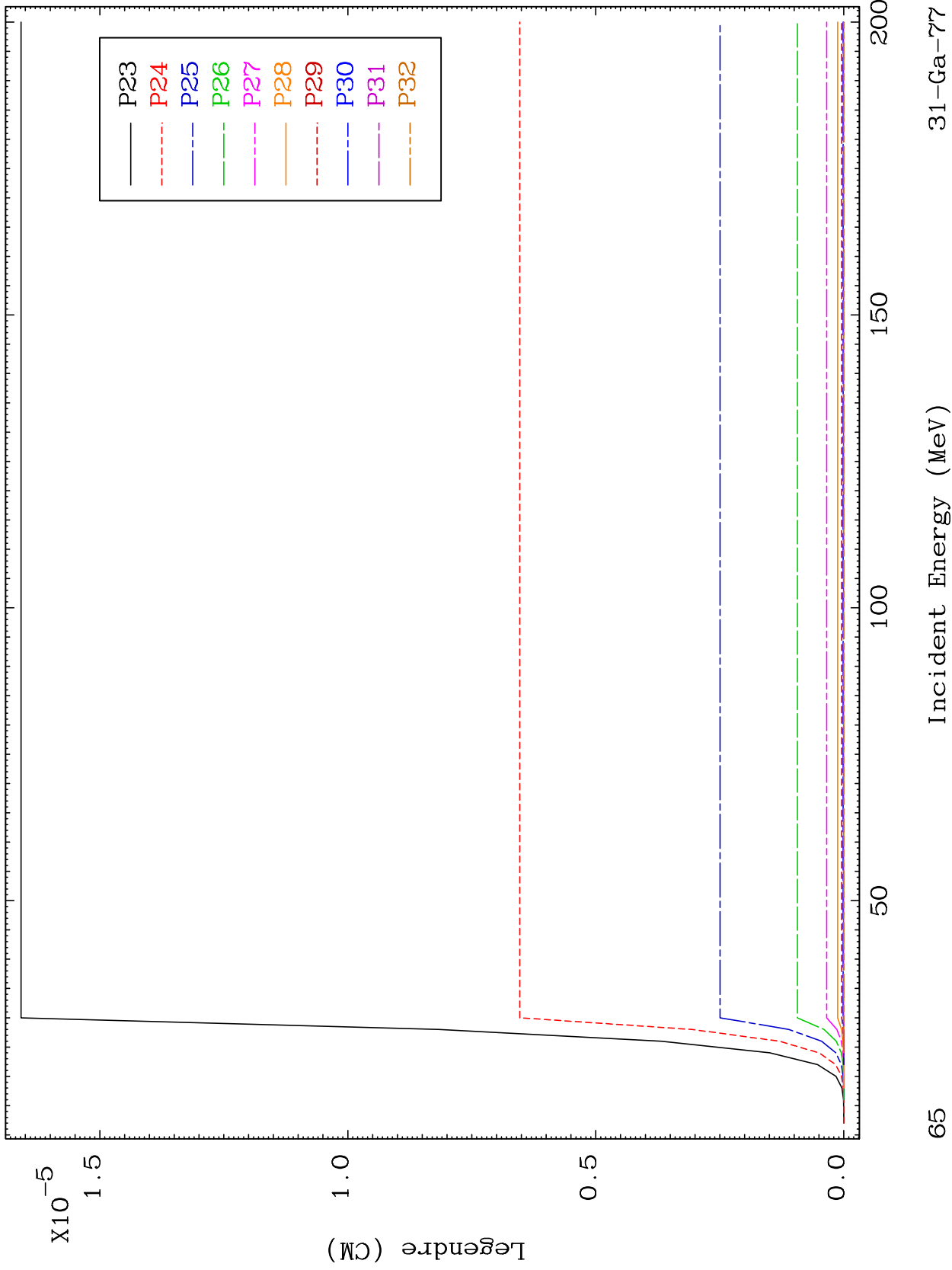
63



MAT 3149

1.797 MeV (n,n') Level
Legendre Coefficients

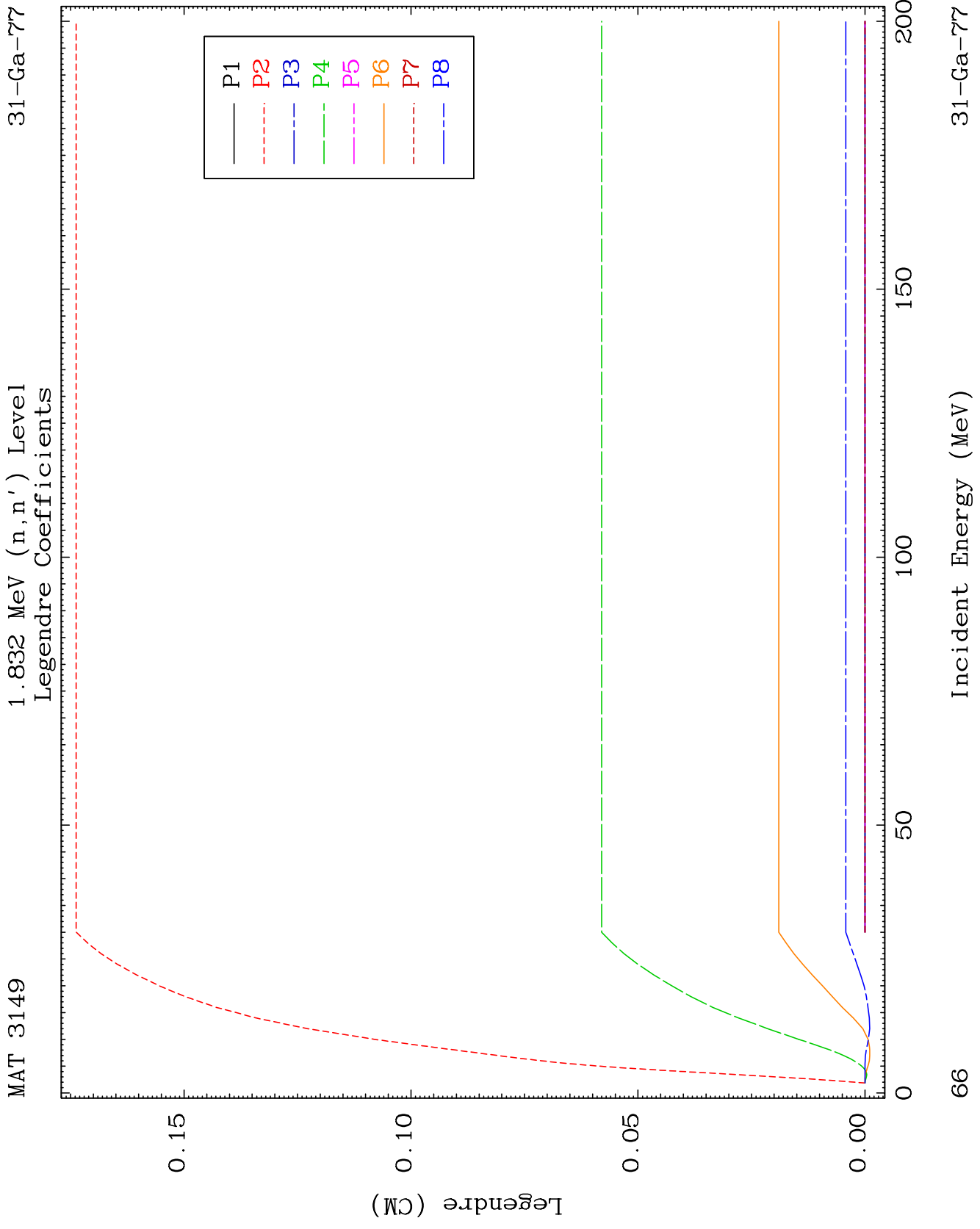
31-Ga-77

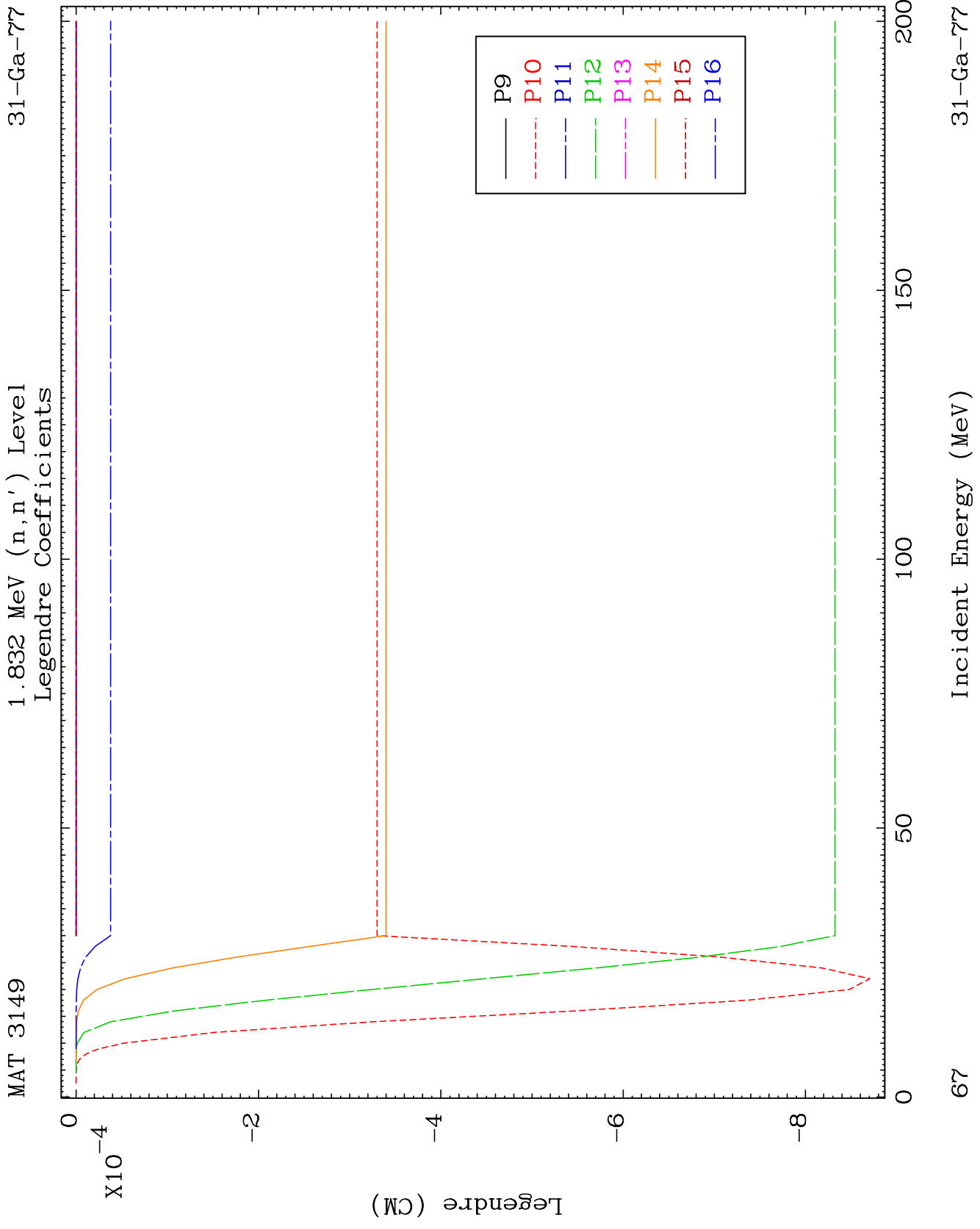


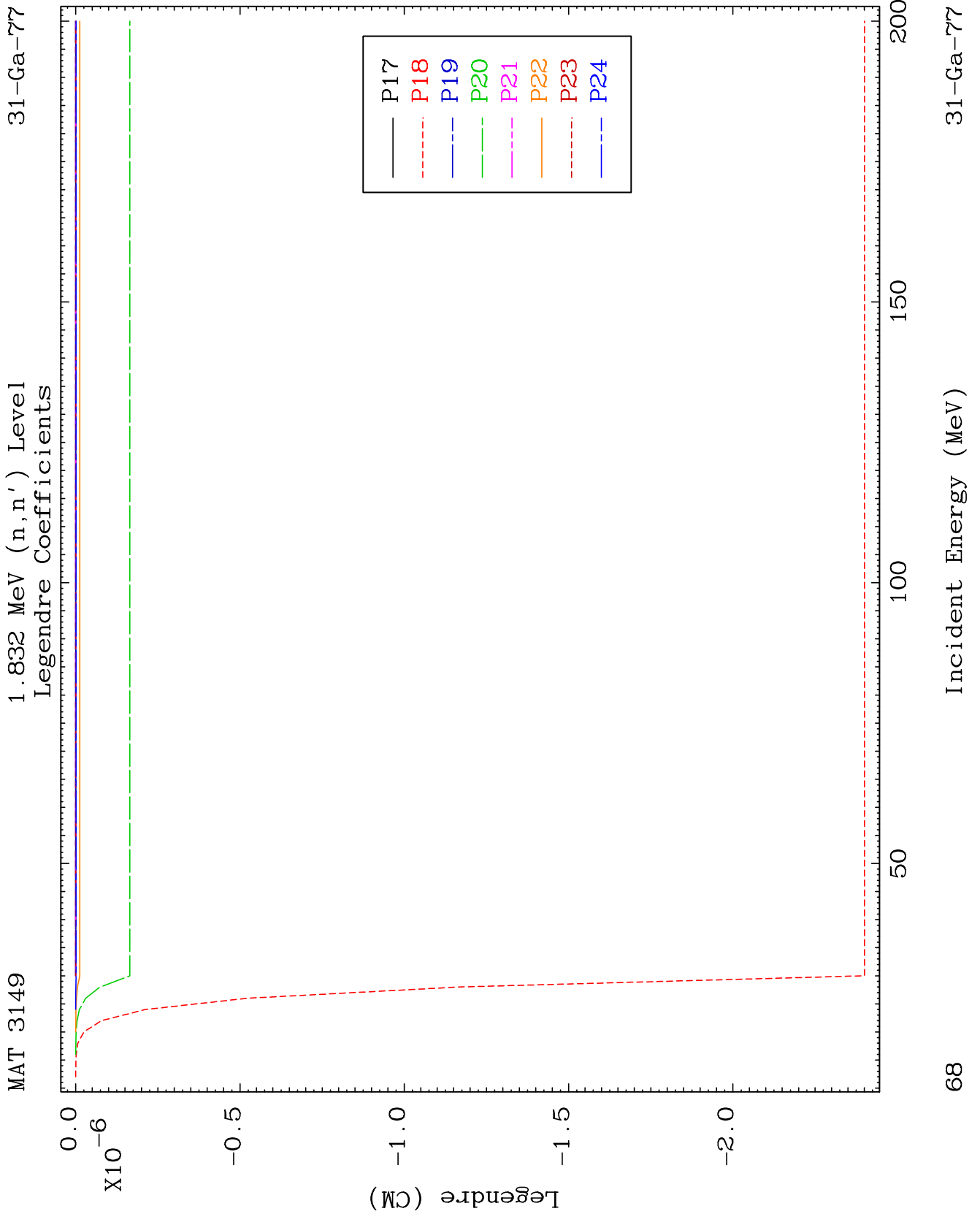
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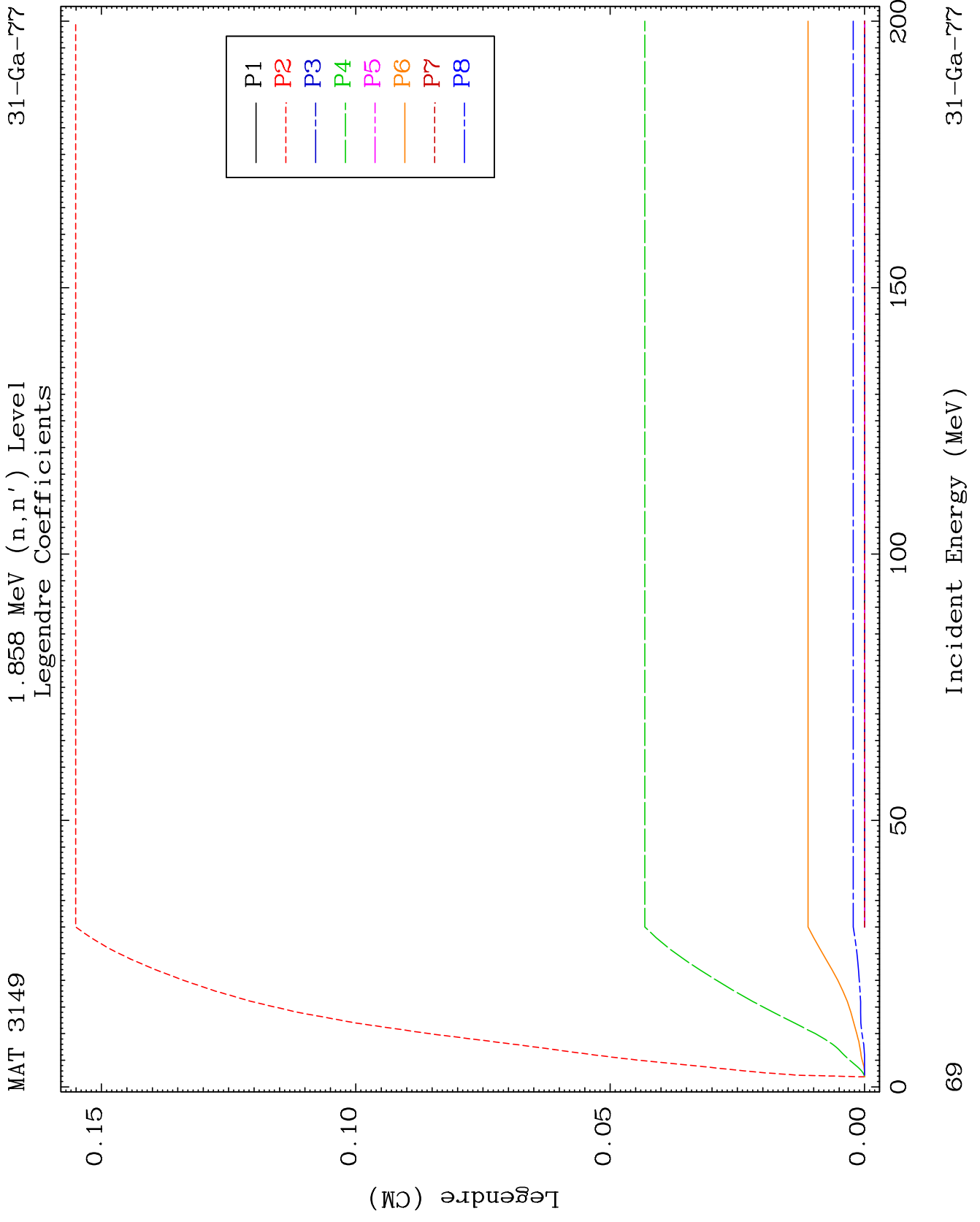
Incident Energy (MeV)

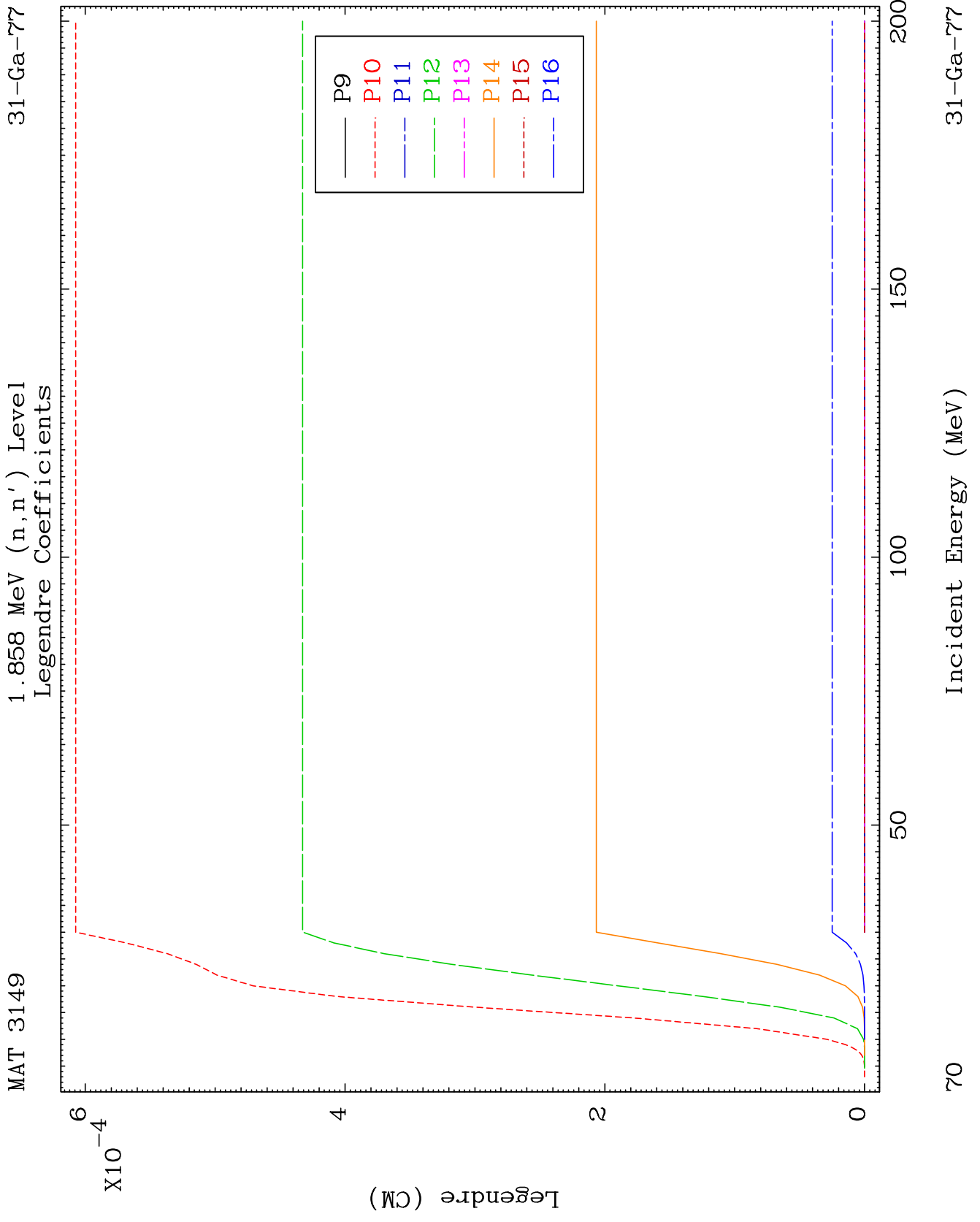
31-Ga-77

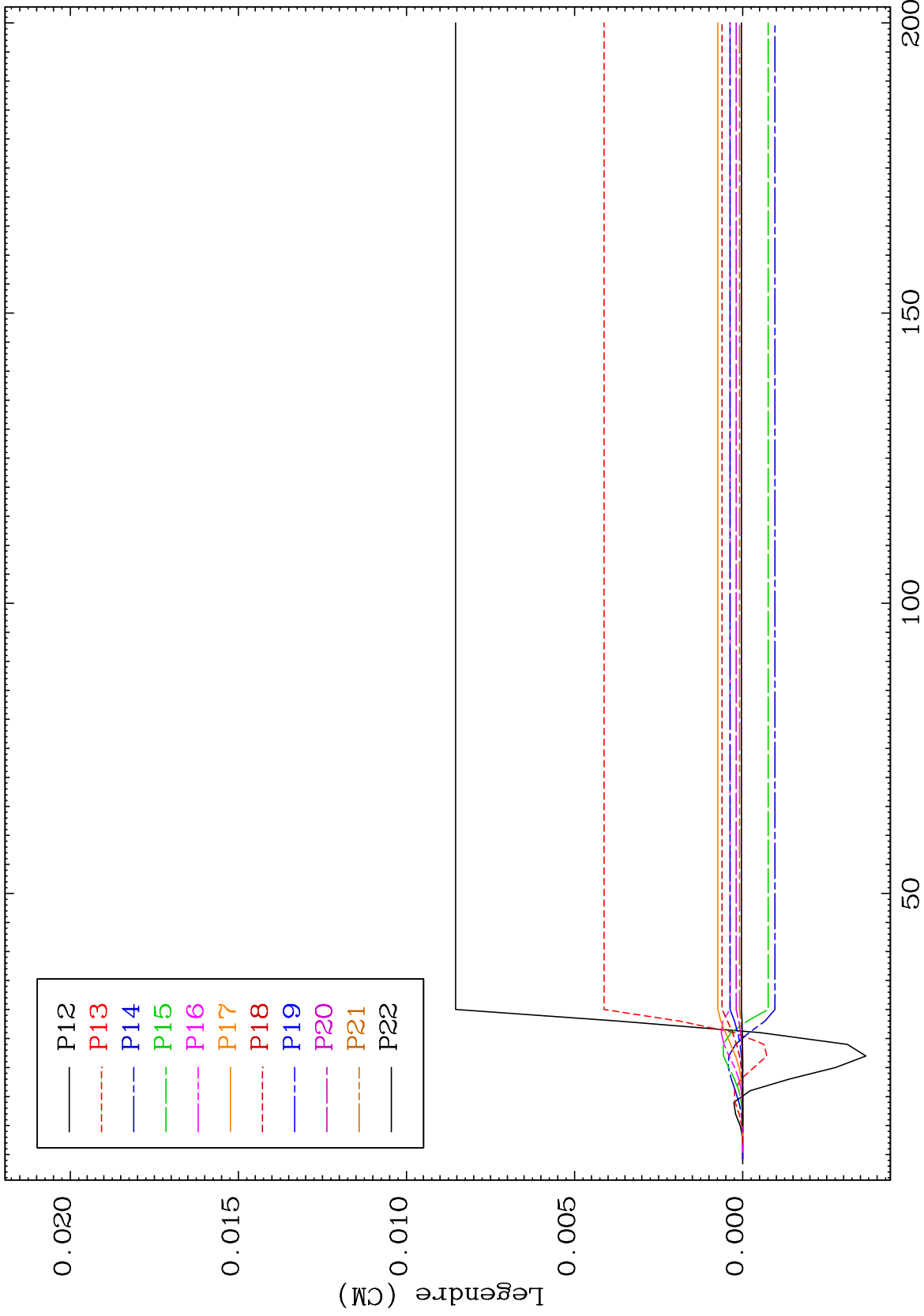








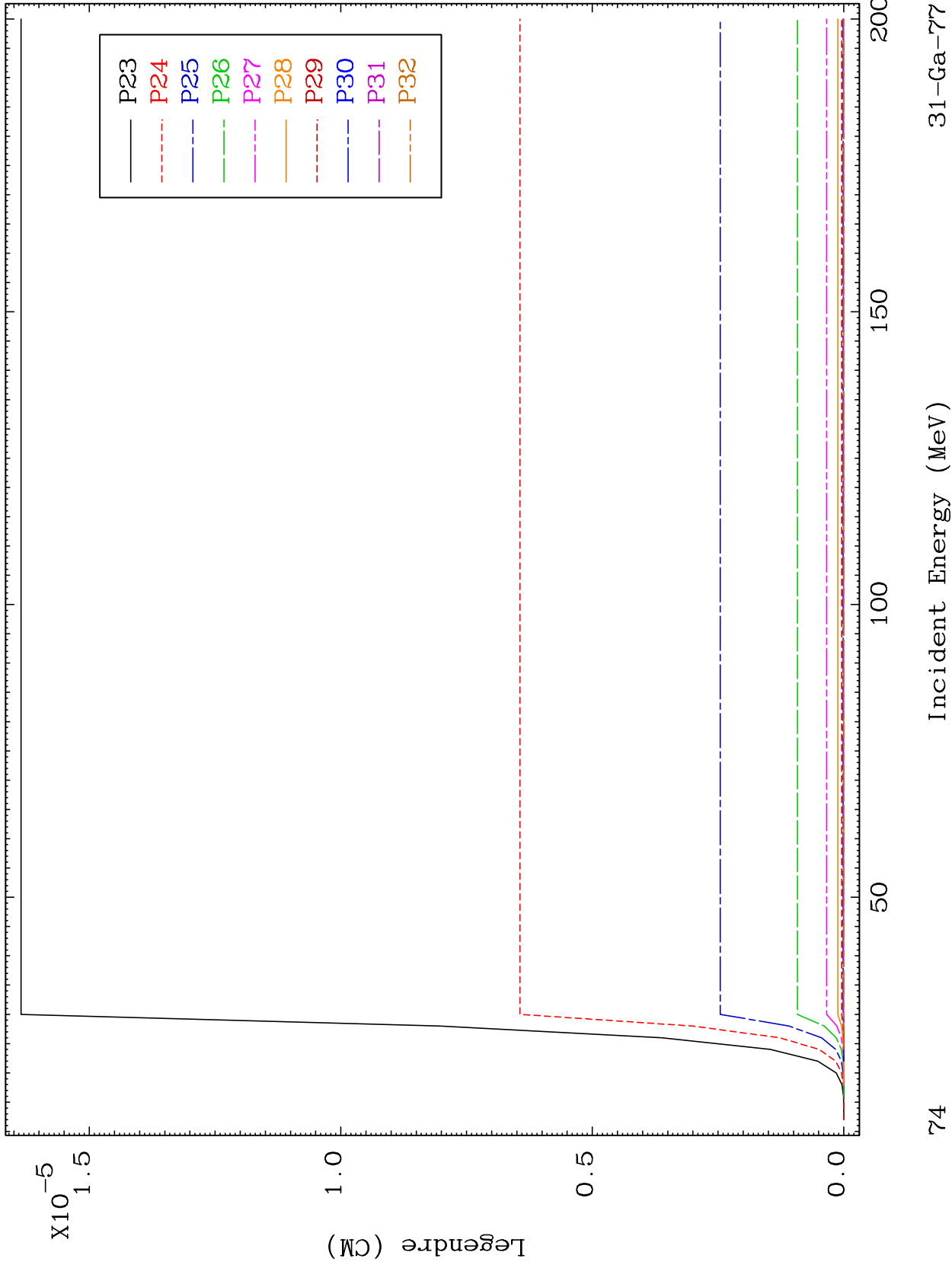




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1.873 MeV (n, n') Level
Legendre Coefficients

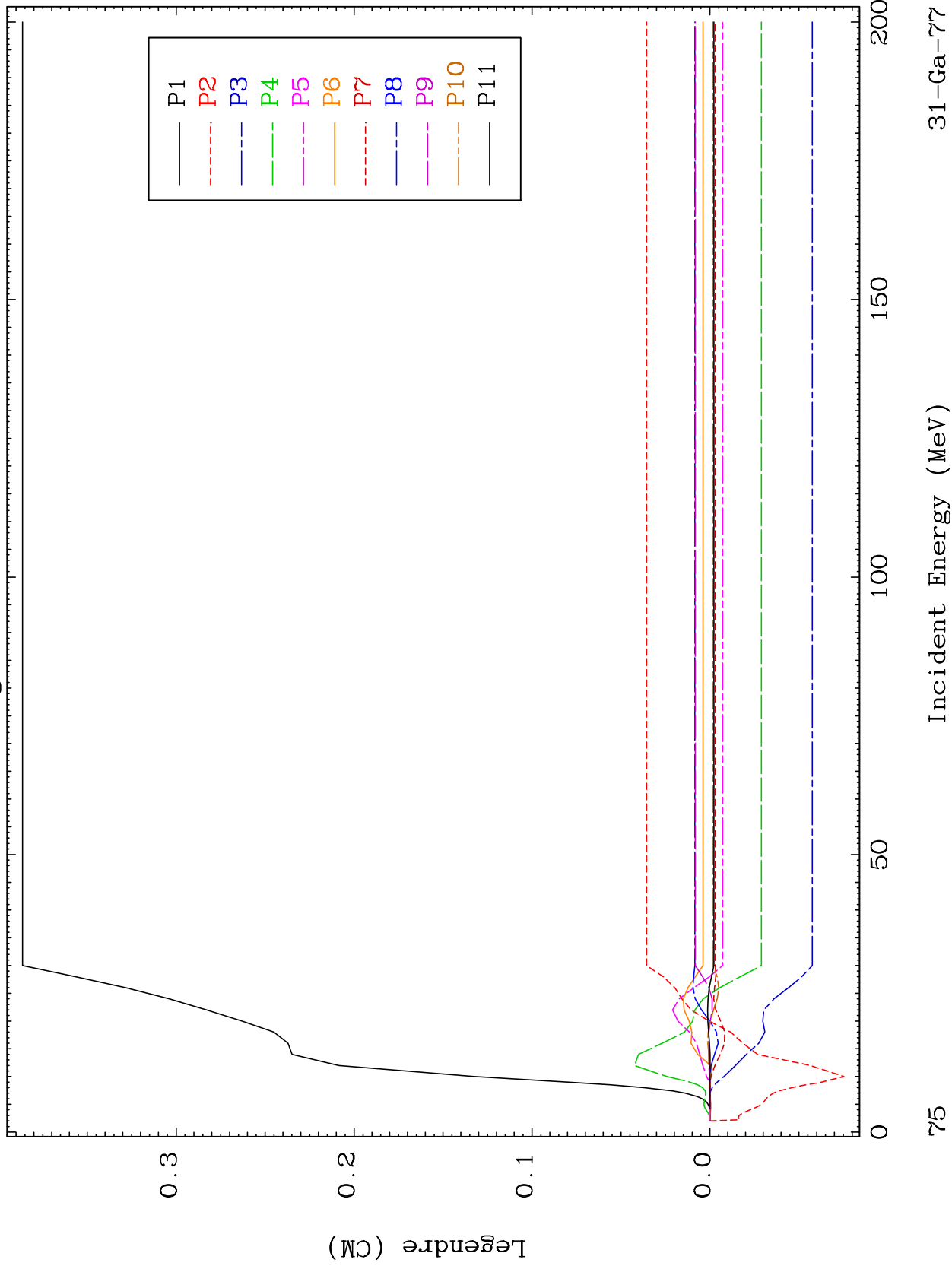
31-Ga-77



MAT 3149

1.970 MeV (n,n') Level
Legendre Coefficients

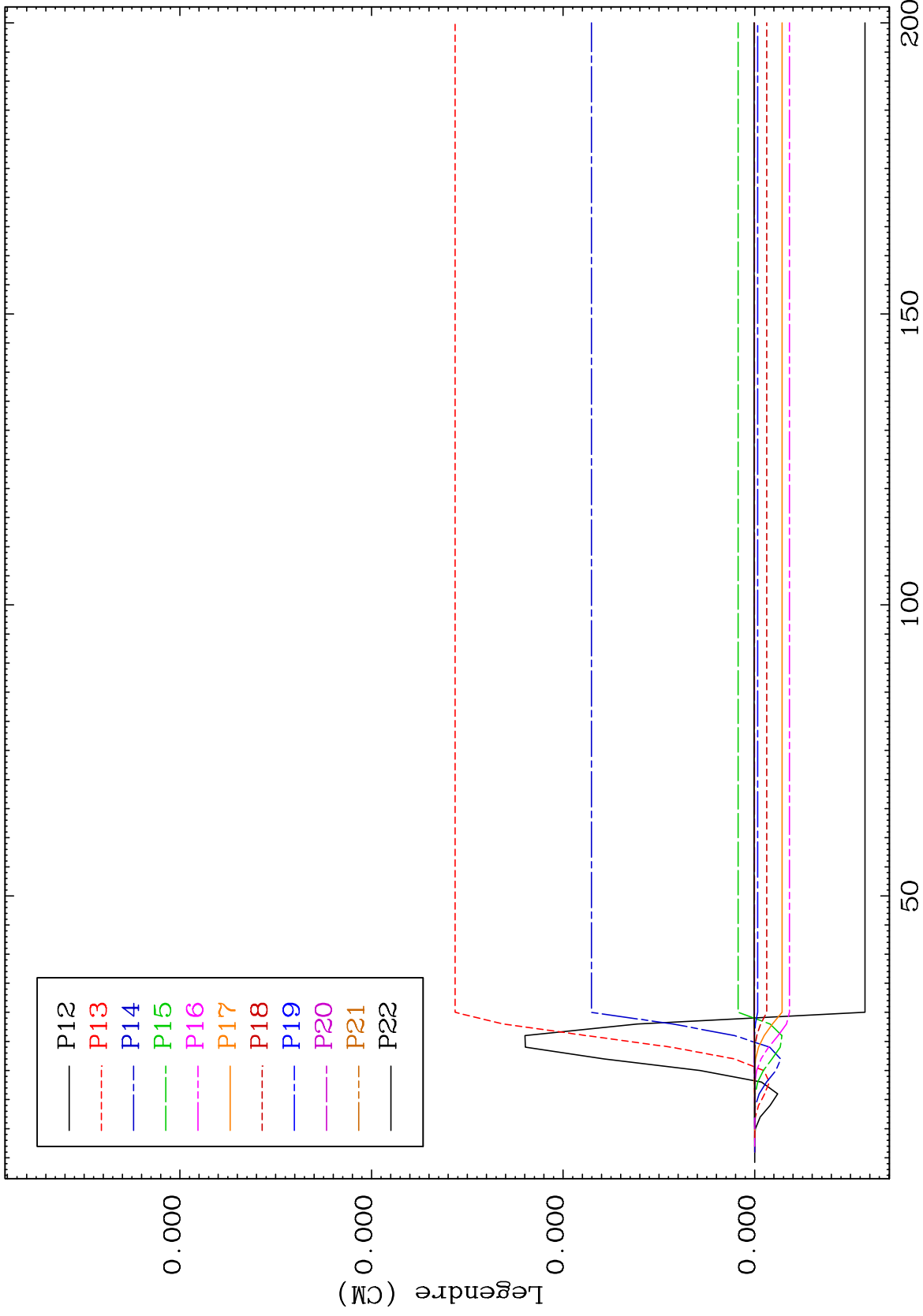
31-Ga-77

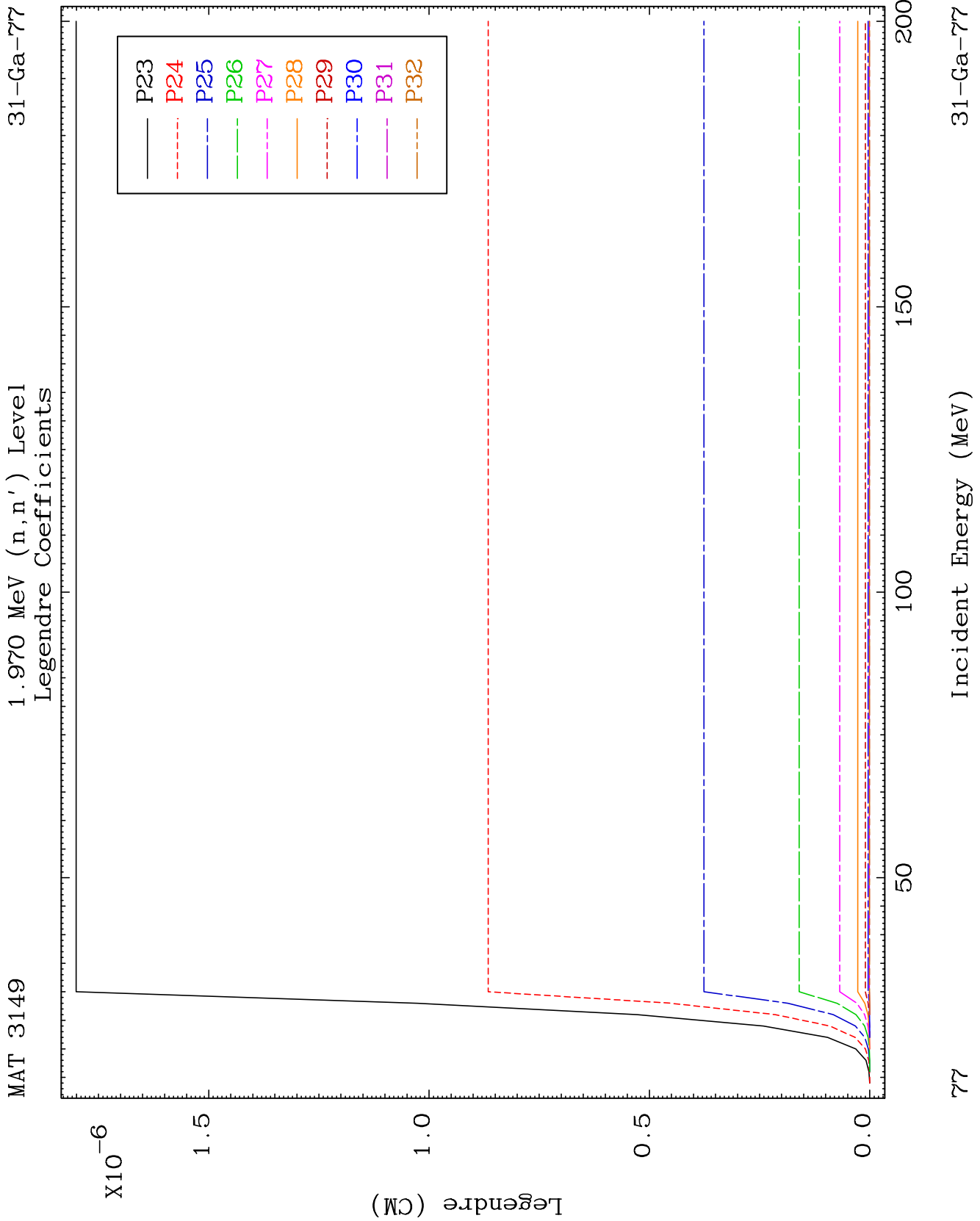


31-Ga-77

Incident Energy (MeV)

75

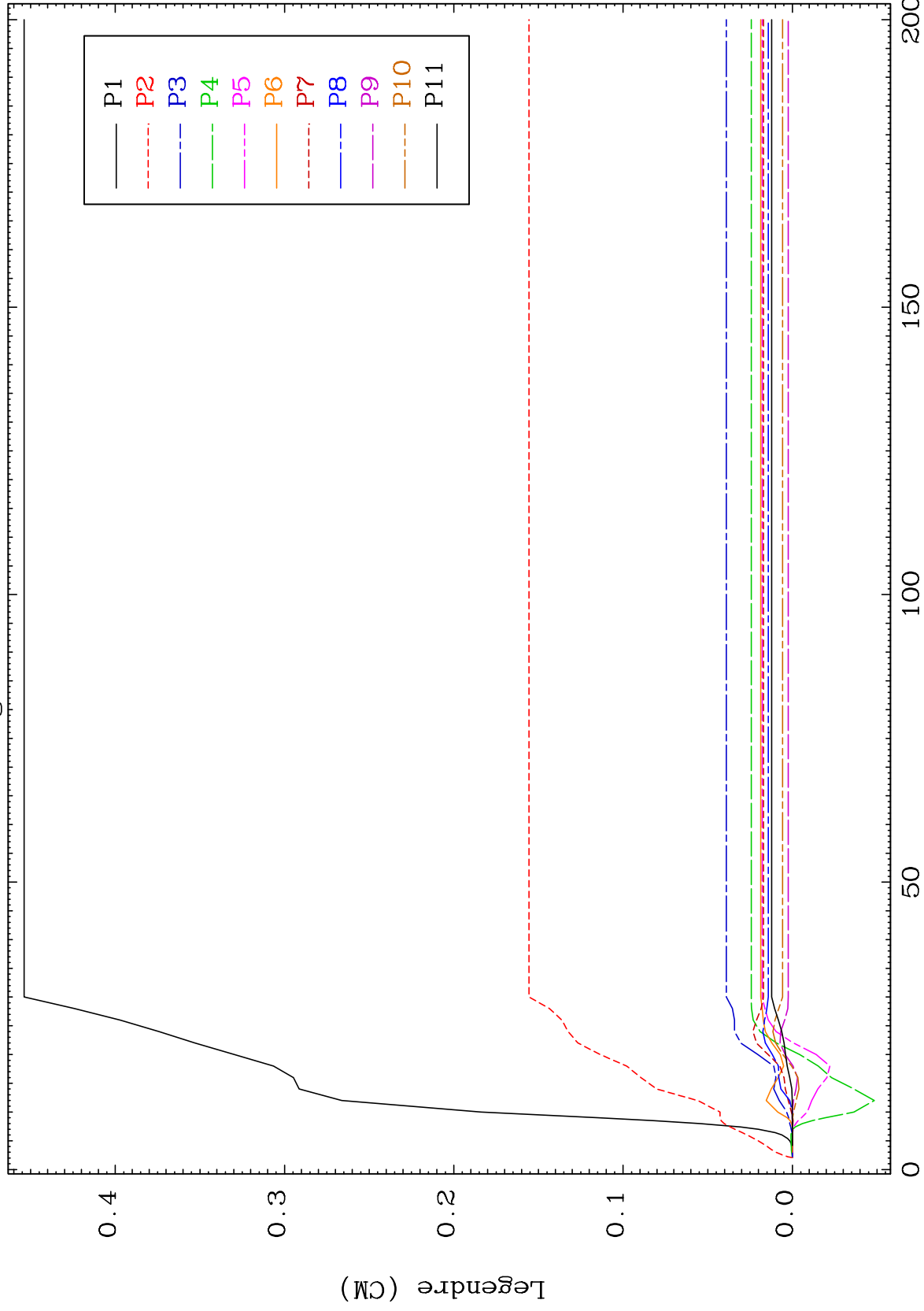




MAT 3149

2.028 MeV (n,n') Level
Legendre Coefficients

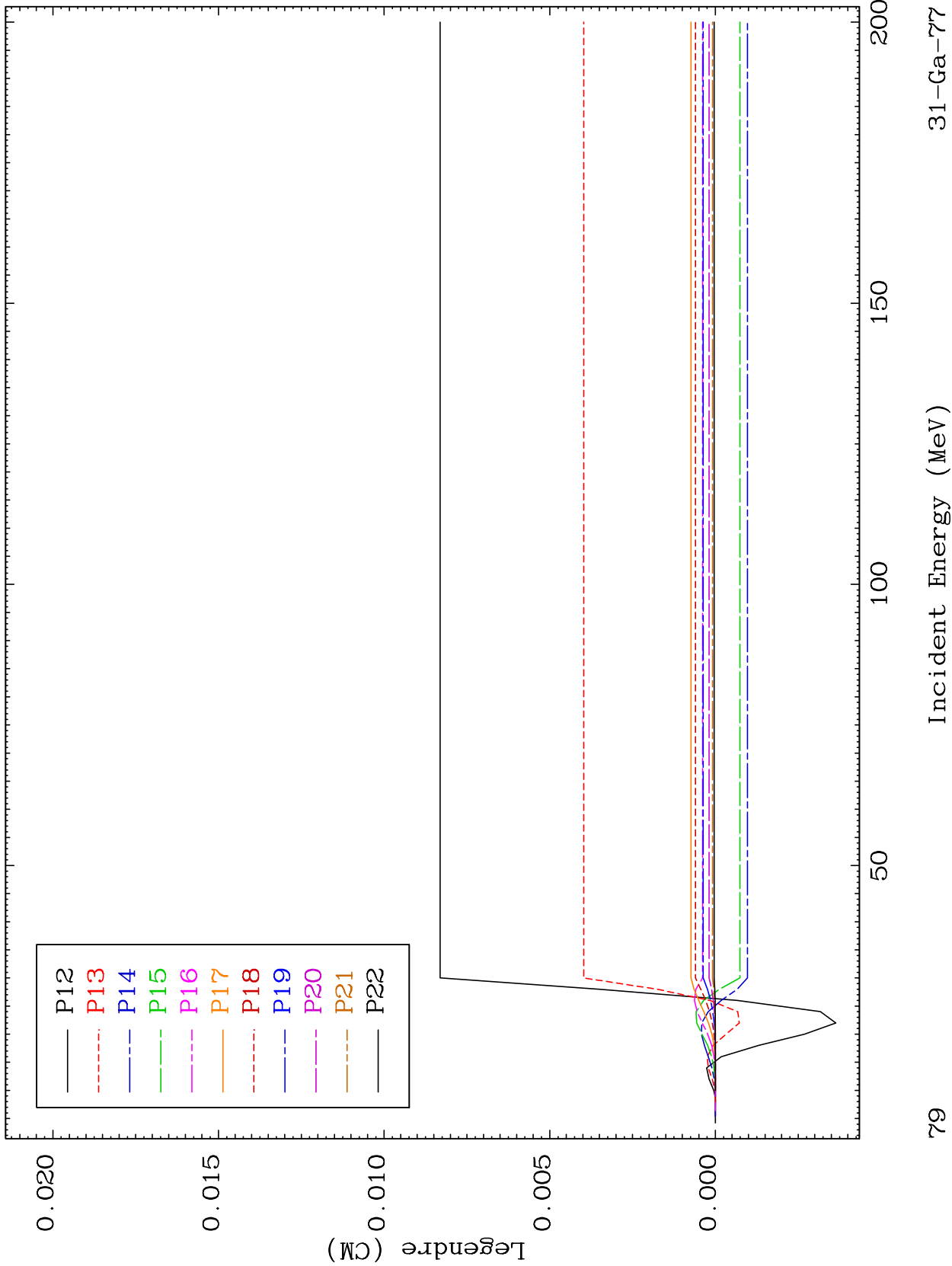
31-Ga-77

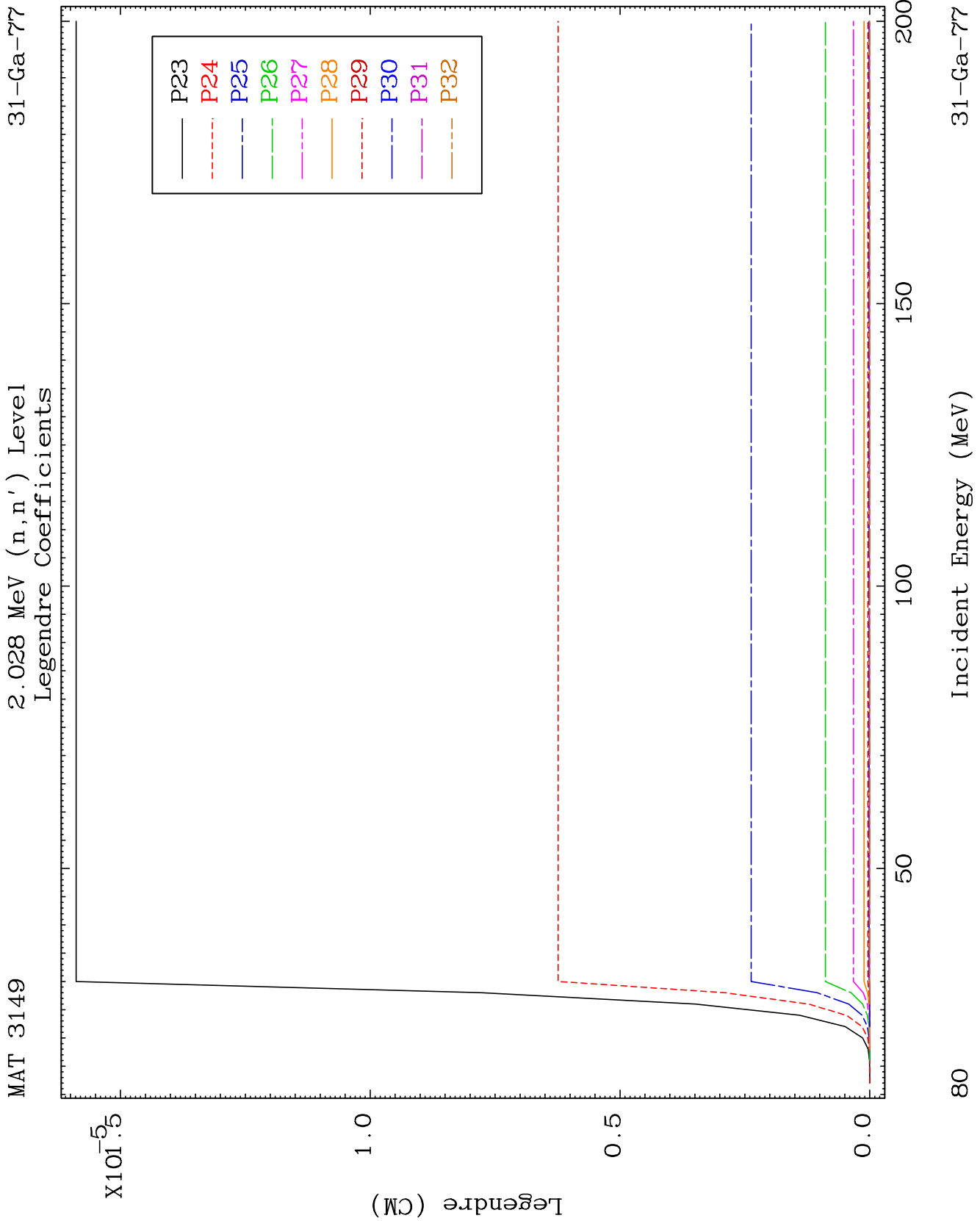


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Incident Energy (MeV)

31-Ga-77

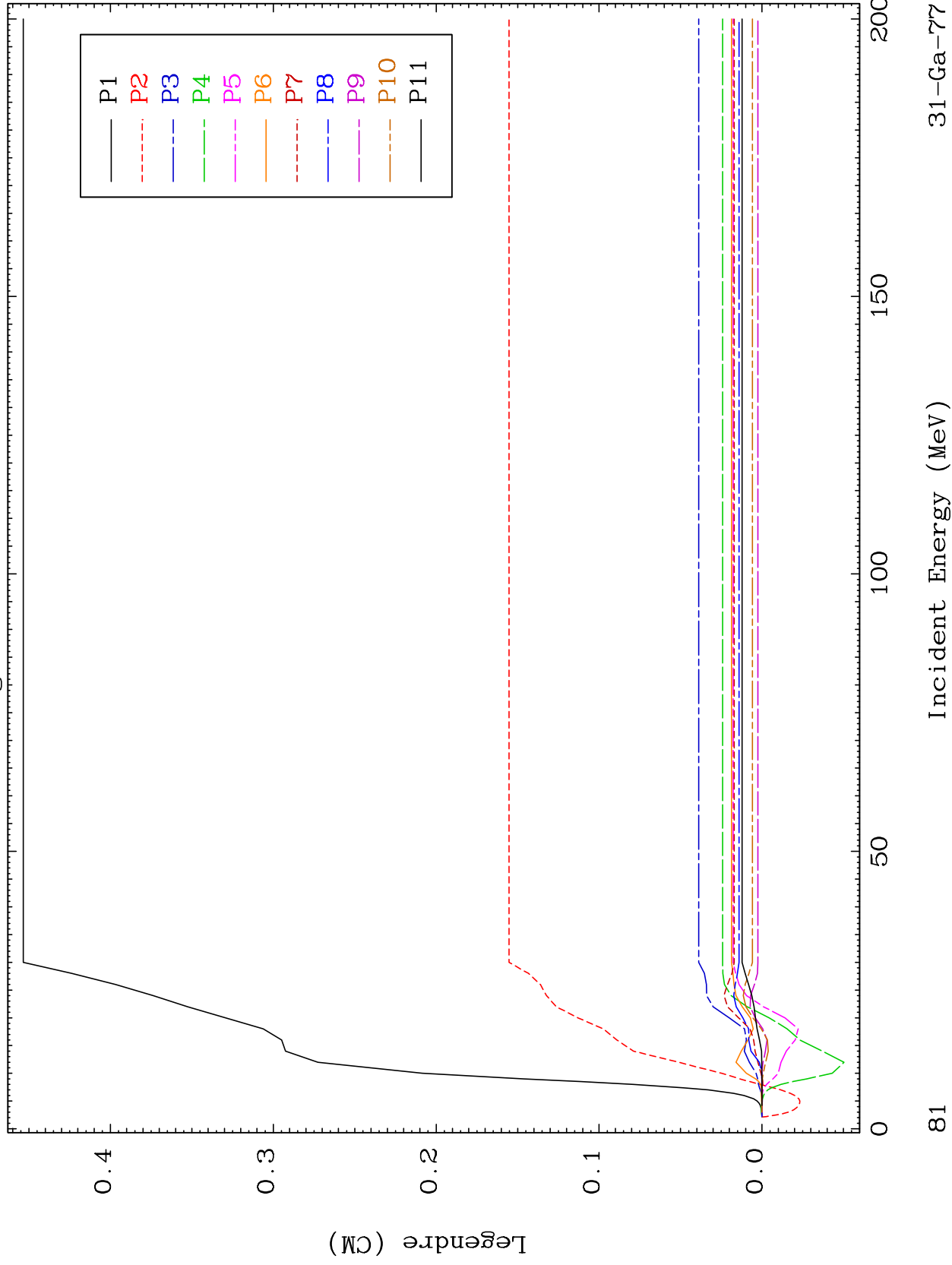




MAT 3149

2.083 MeV (n,n') Level
Legendre Coefficients

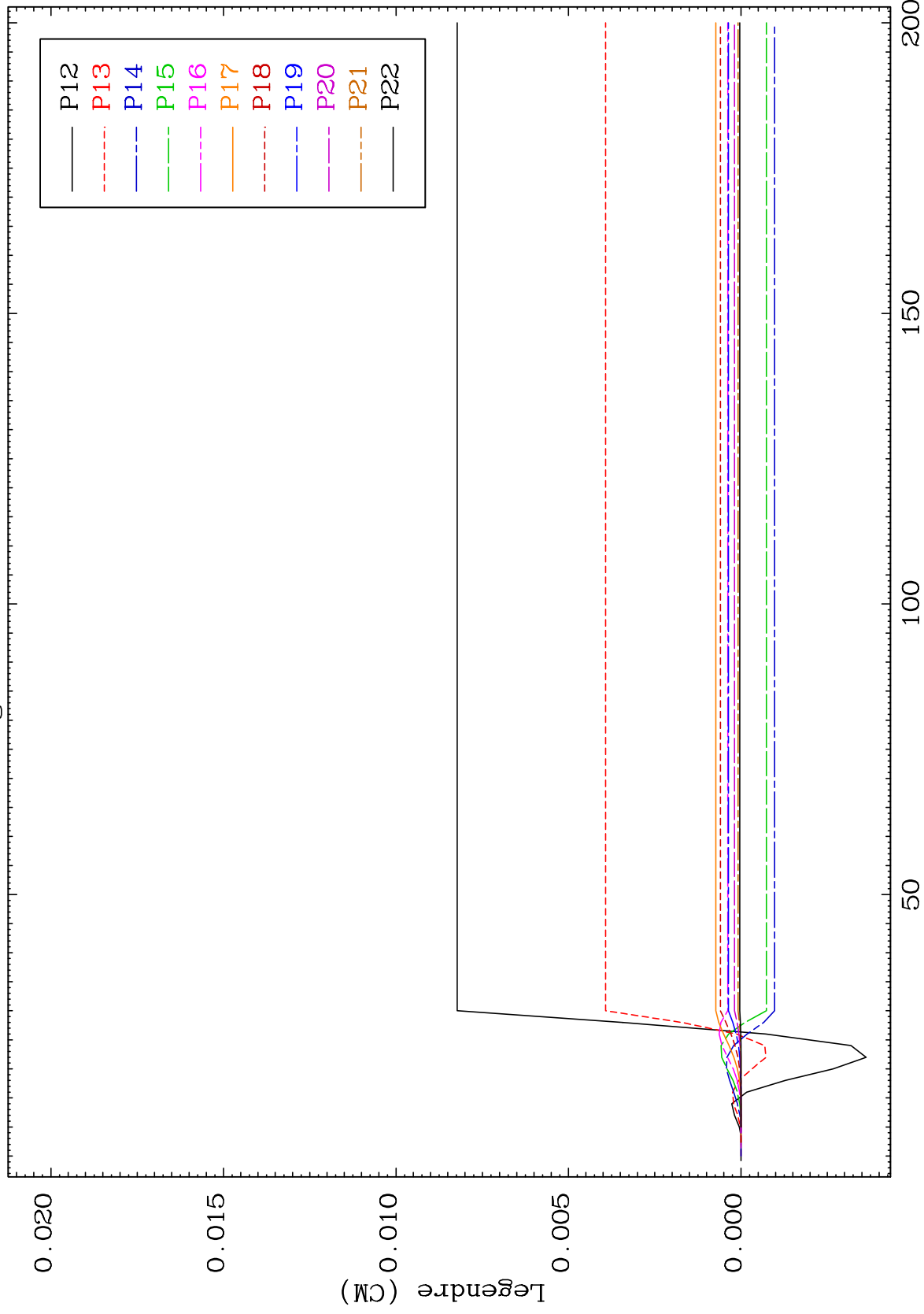
31-Ga-77



31-Ga-77

Incident Energy (MeV)

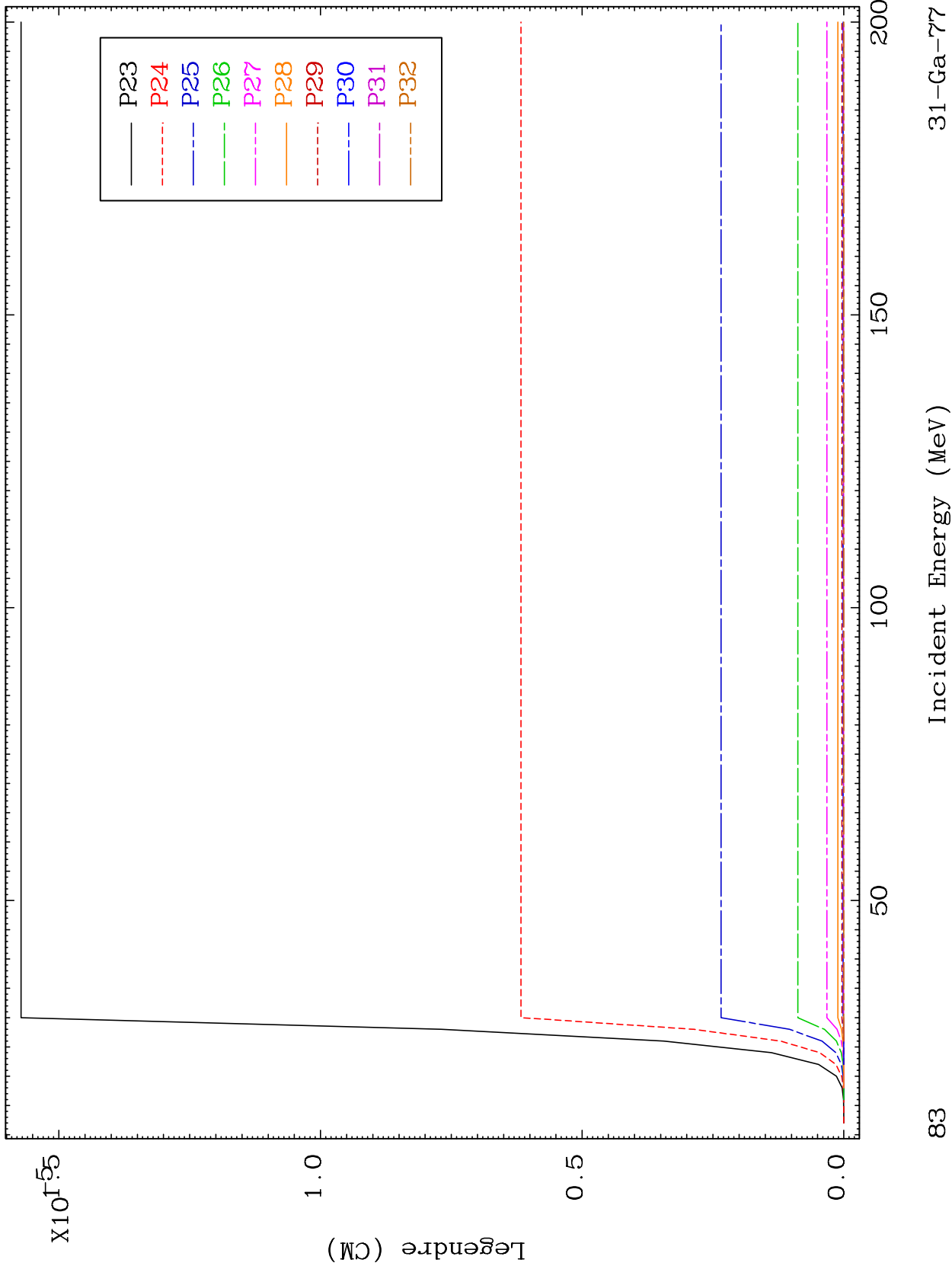
81



MAT 3149

2.083 MeV (n, n') Level
Legendre Coefficients

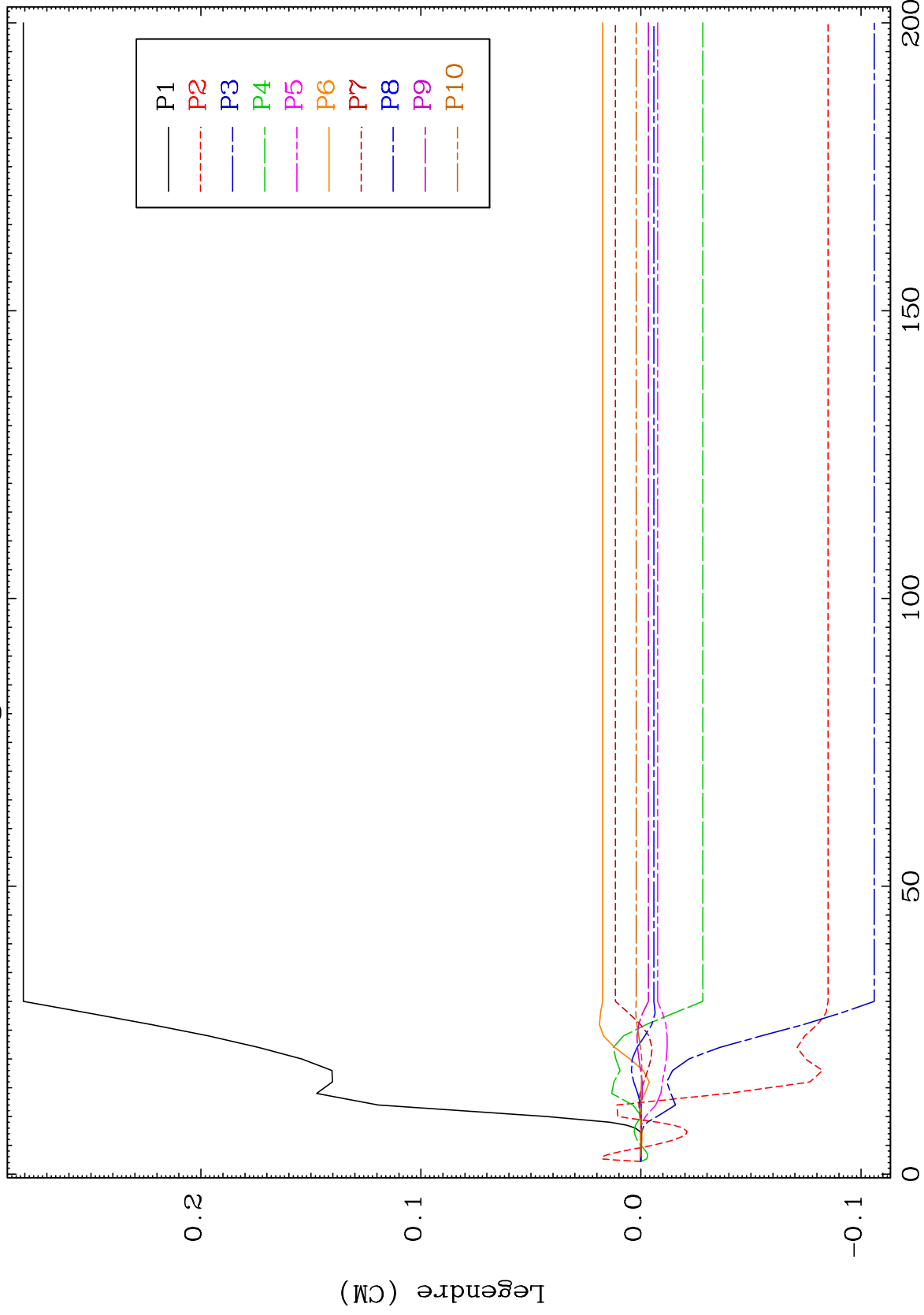
31-Ga-77



MAT 3149

2.138 MeV (n,n') Level
Legendre Coefficients

31-Ga-77



84

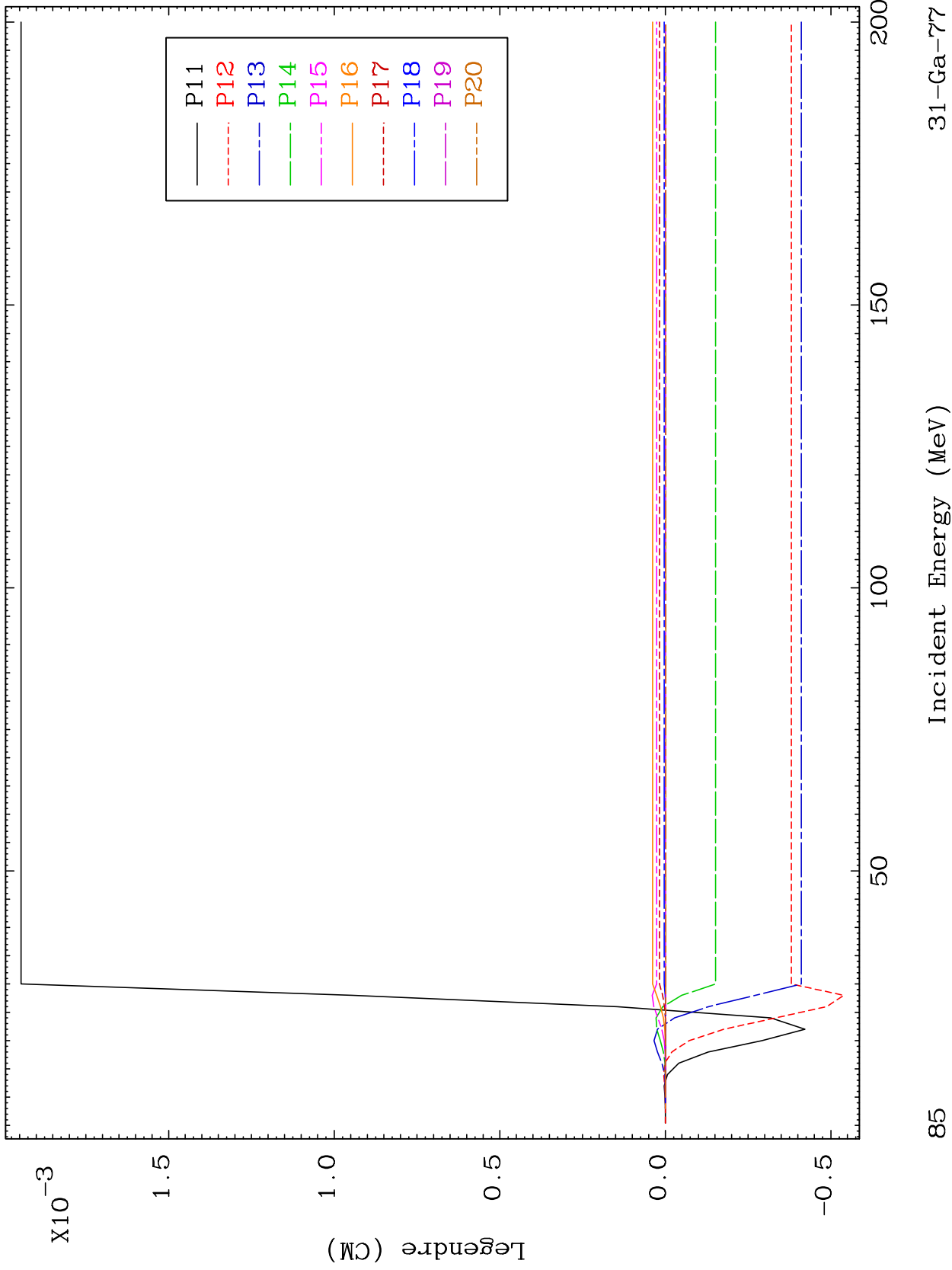
Incident Energy (MeV)

31-Ga-77

MAT 3149

2.138 MeV (n, n') Level
Legendre Coefficients

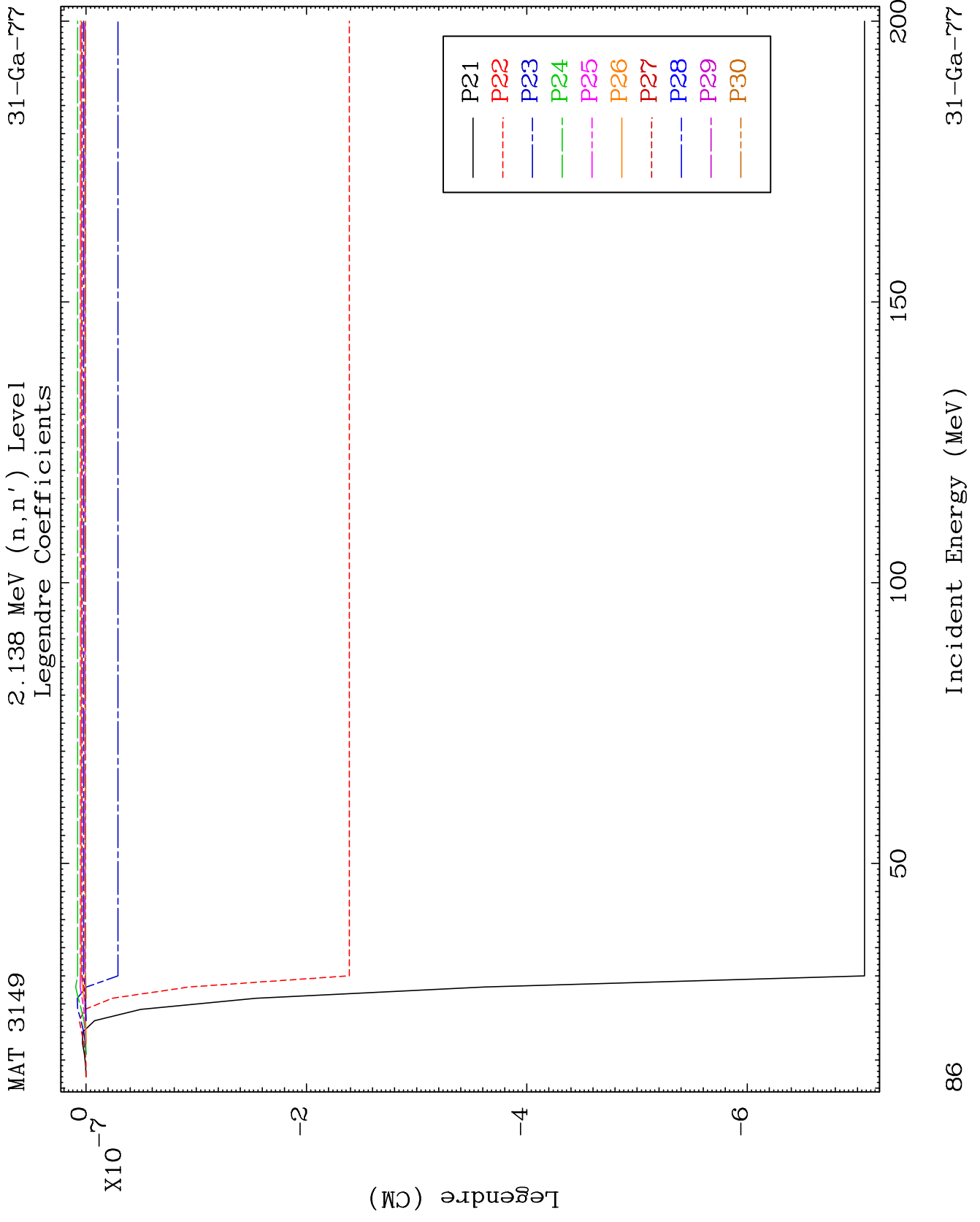
31-Ga-77

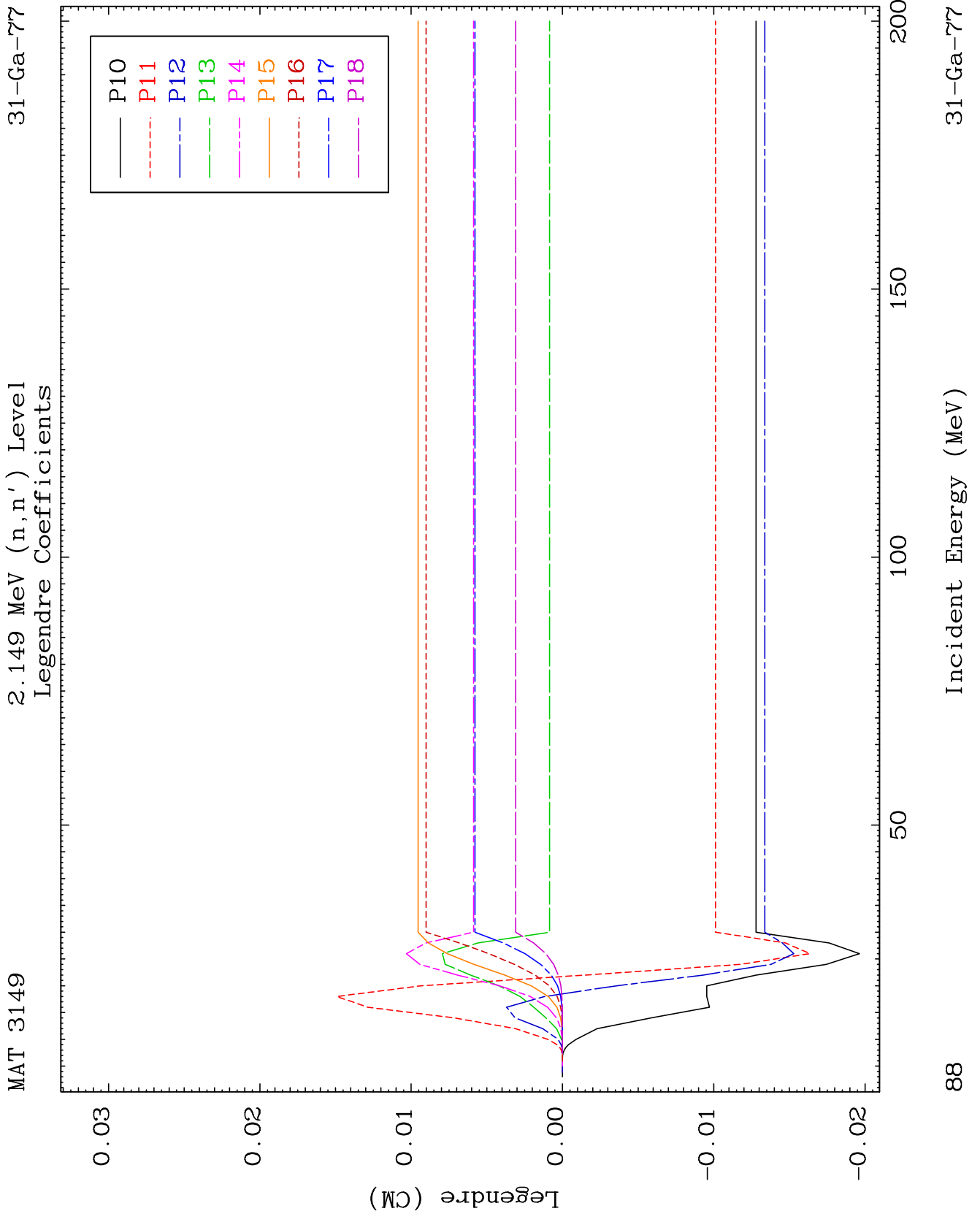


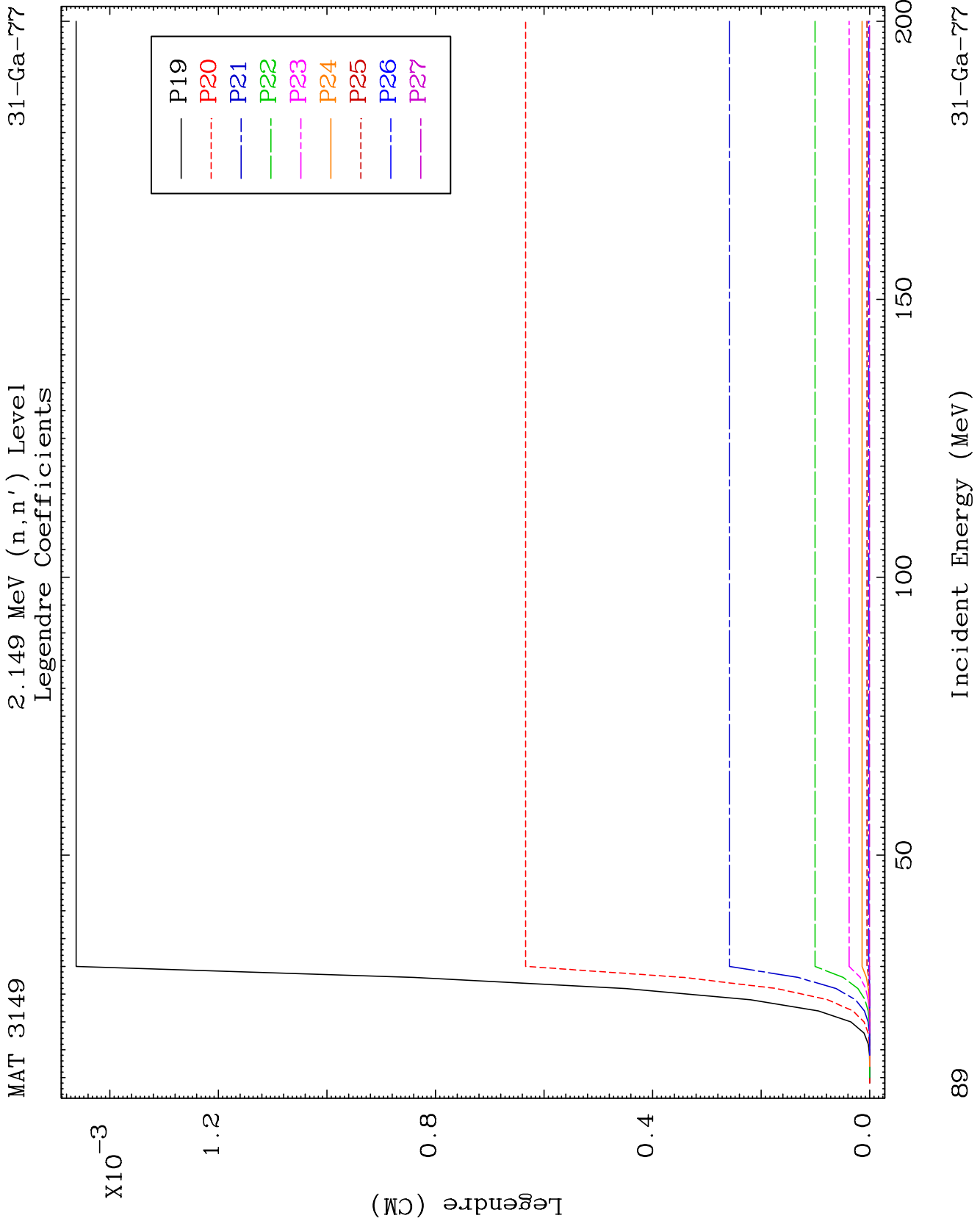
85

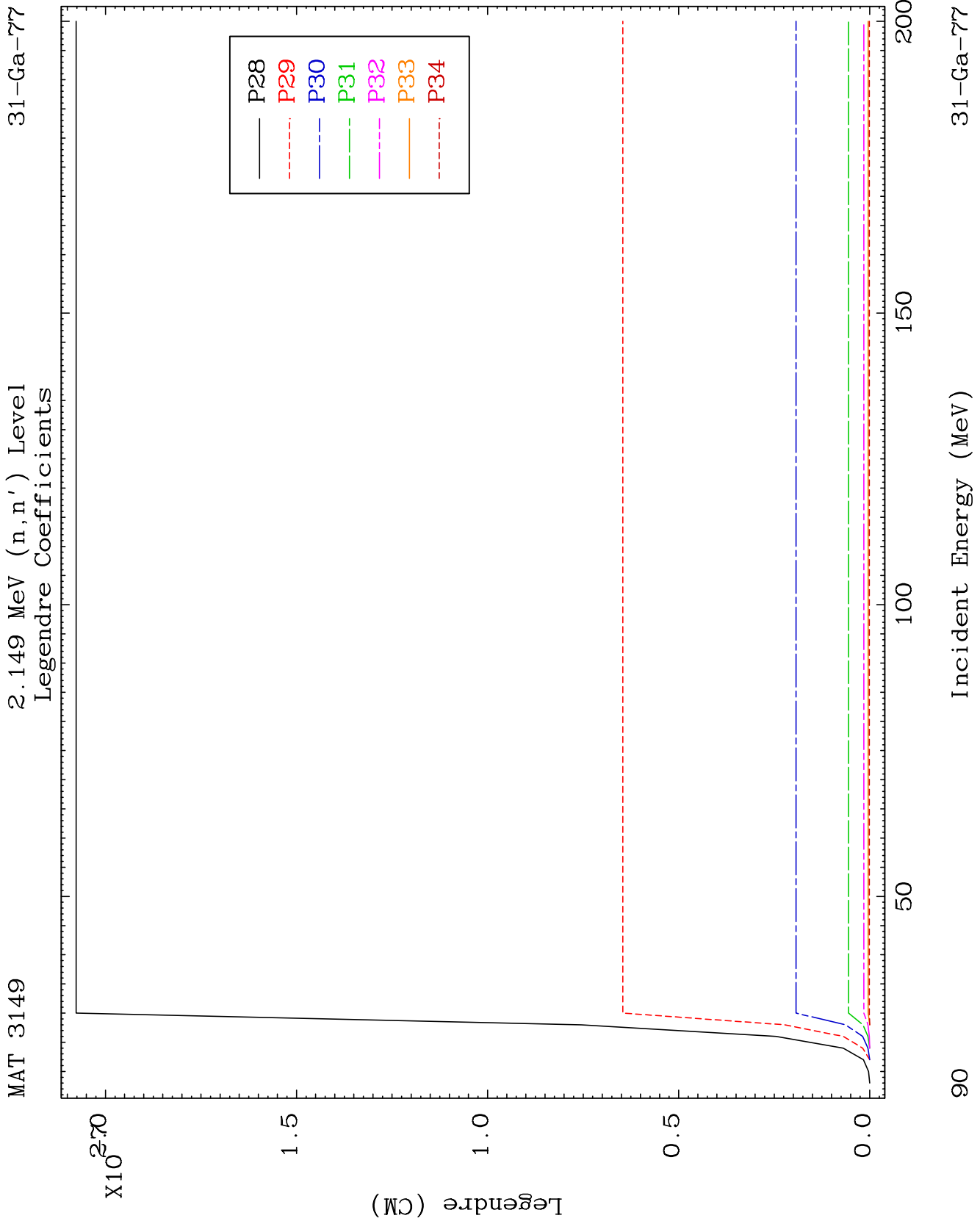
Incident Energy (MeV)

31-Ga-77





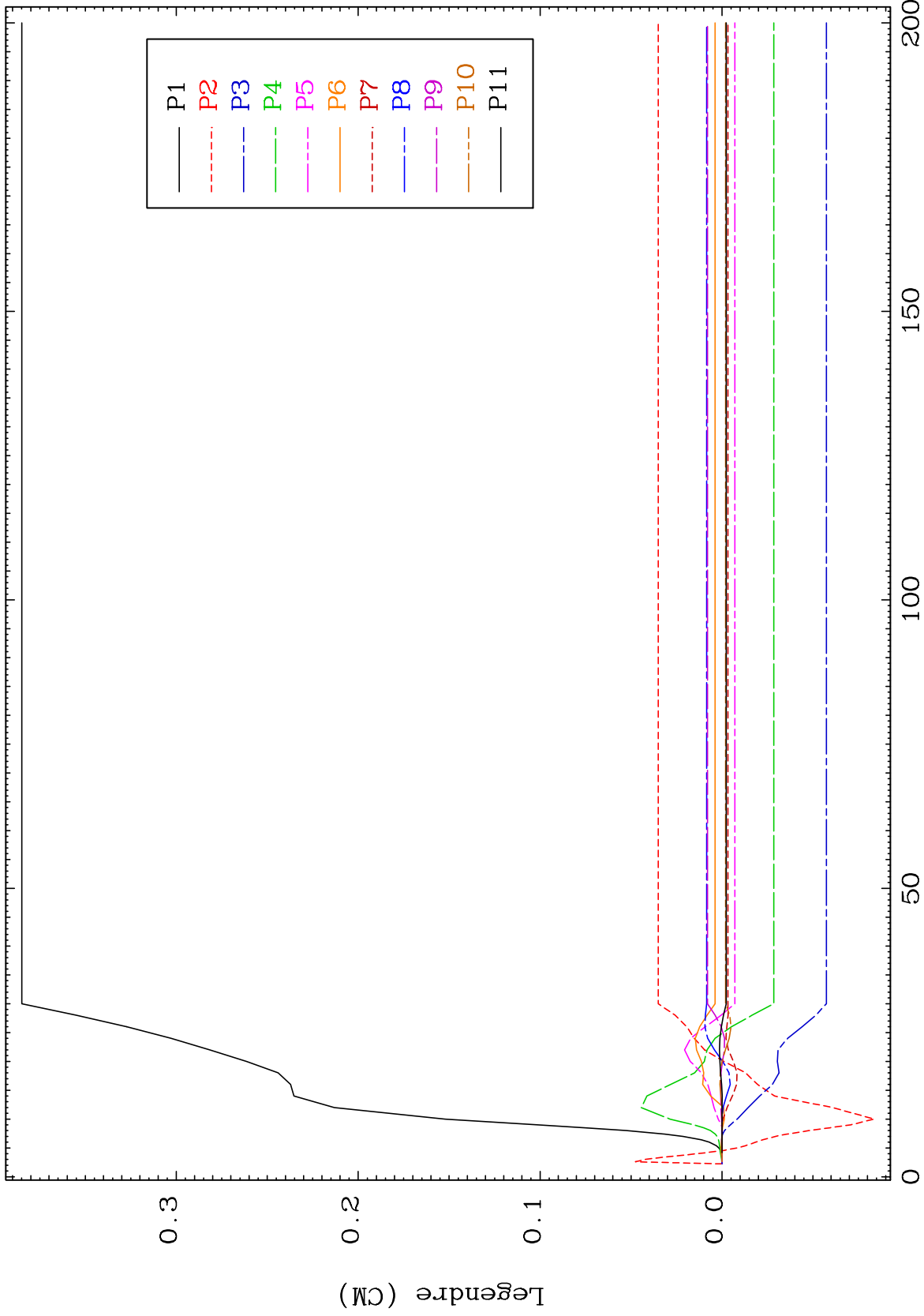




MAT 3149

2.207 MeV (n, n') Level
Legendre Coefficients

31-Ga-77



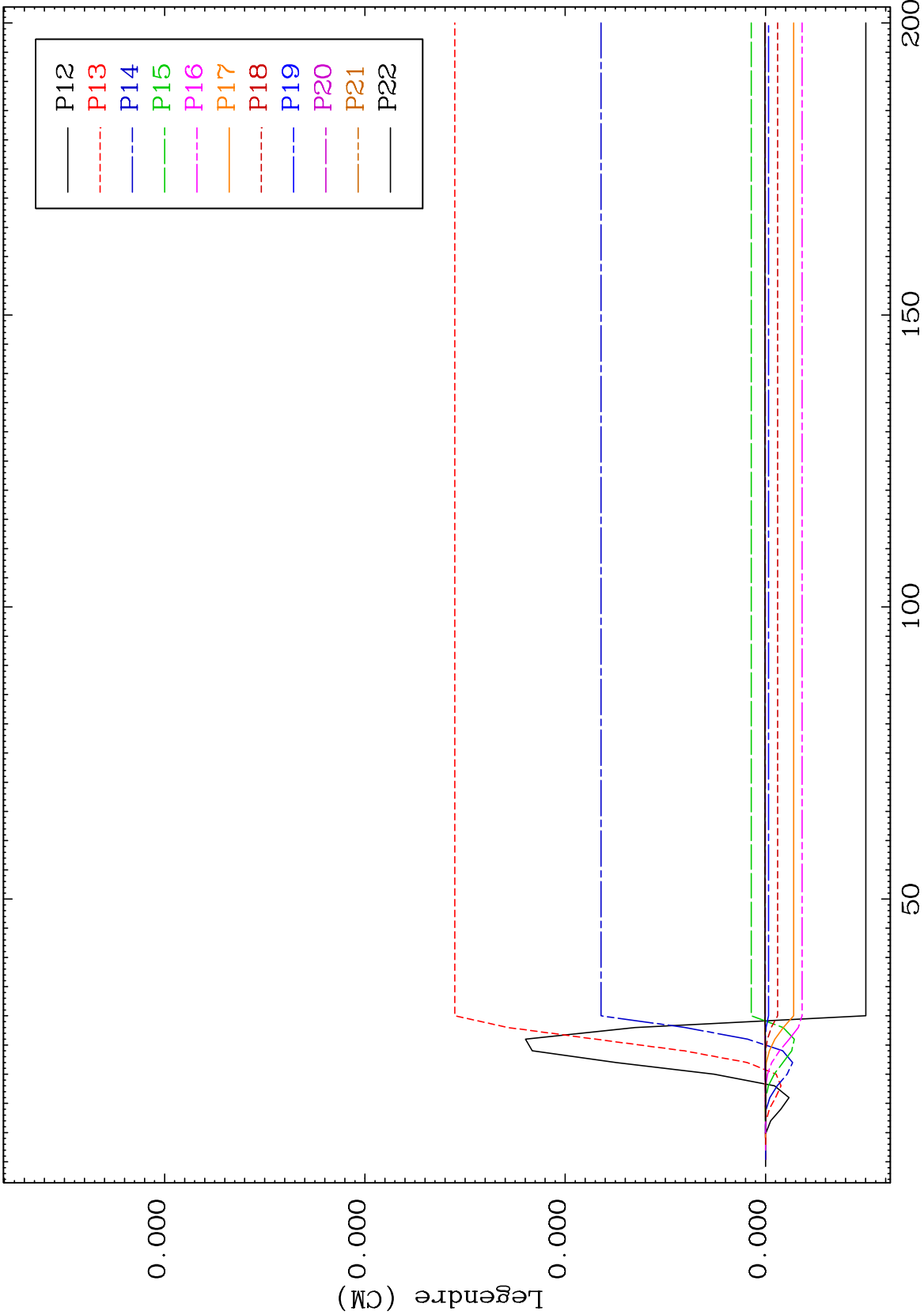
91

31-Ga-77

MAT 3149

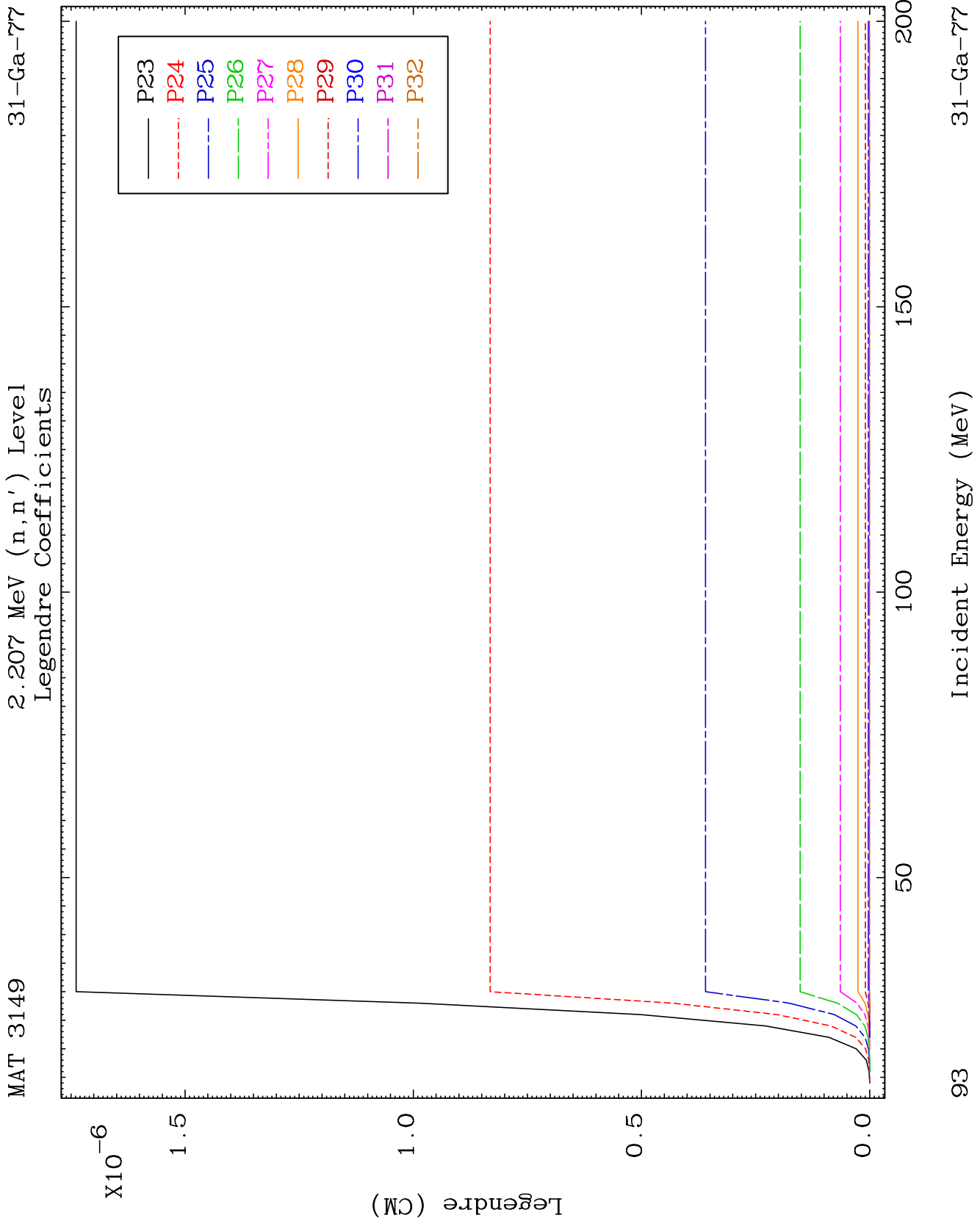
2.207 MeV (n,n') Level
Legendre Coefficients

31-Ga-77



92

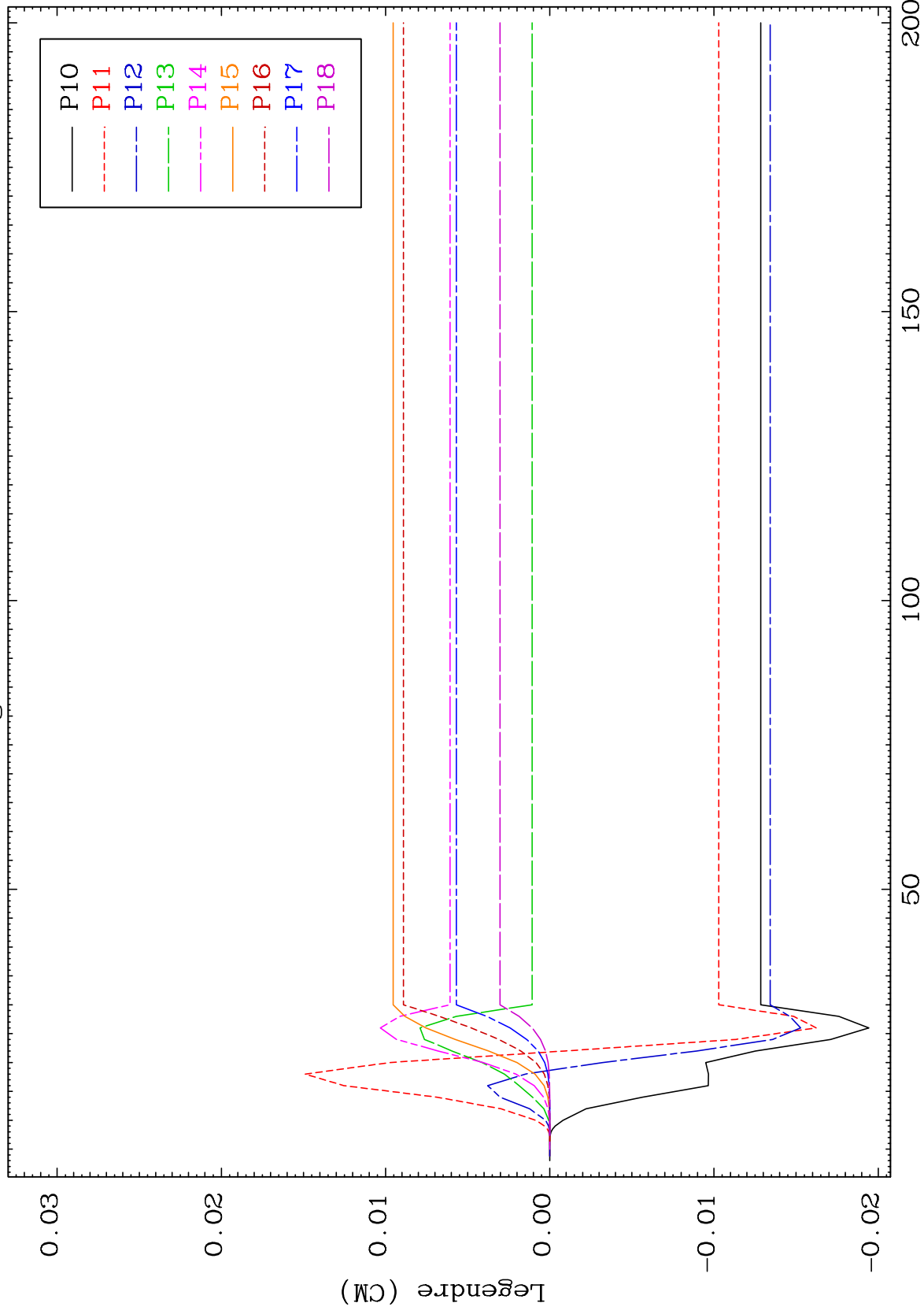
31-Ga-77



MAT 3149

2.327 MeV (n,n') Level
Legendre Coefficients

31-Ga-77



95

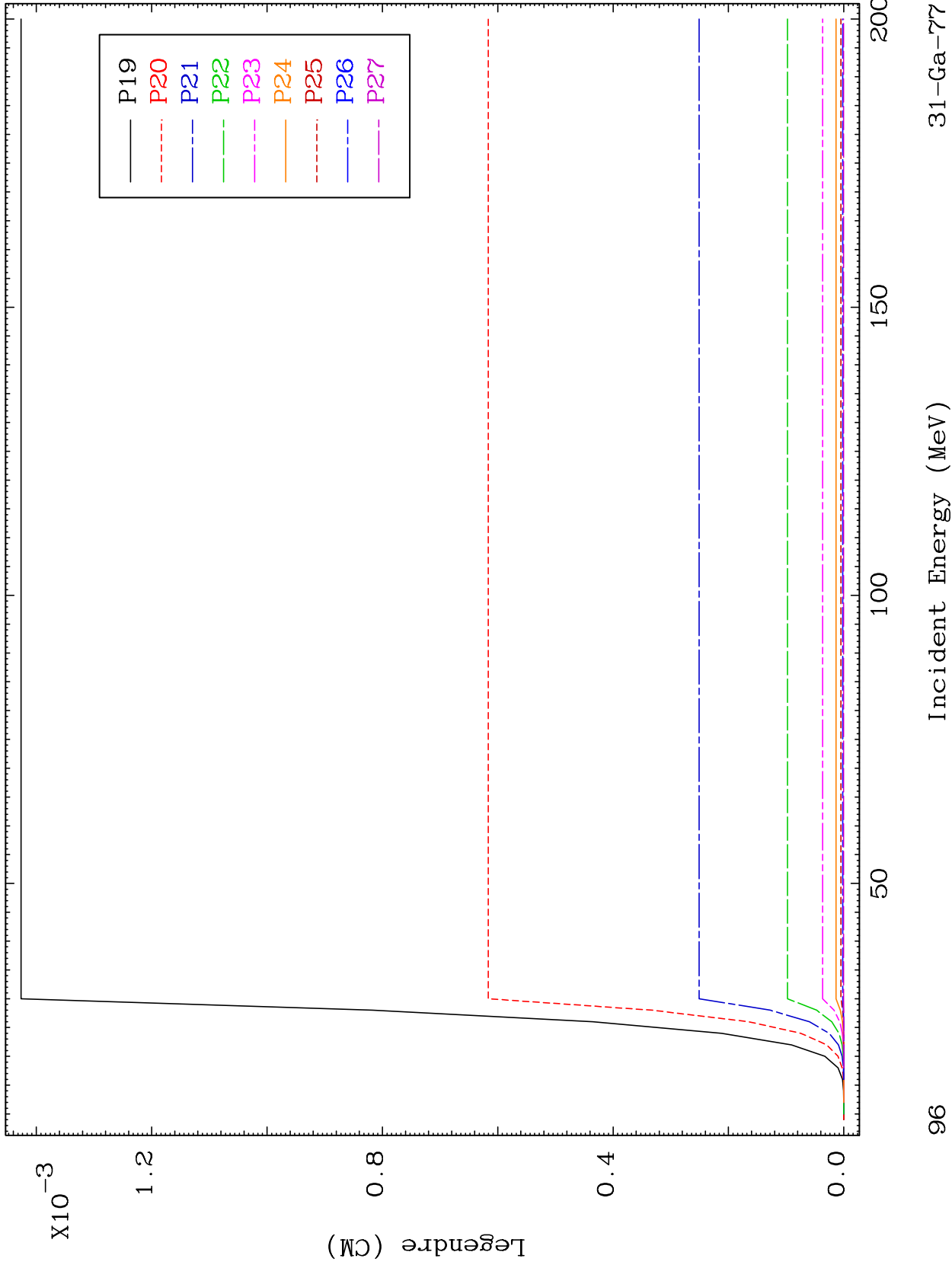
Incident Energy (MeV)

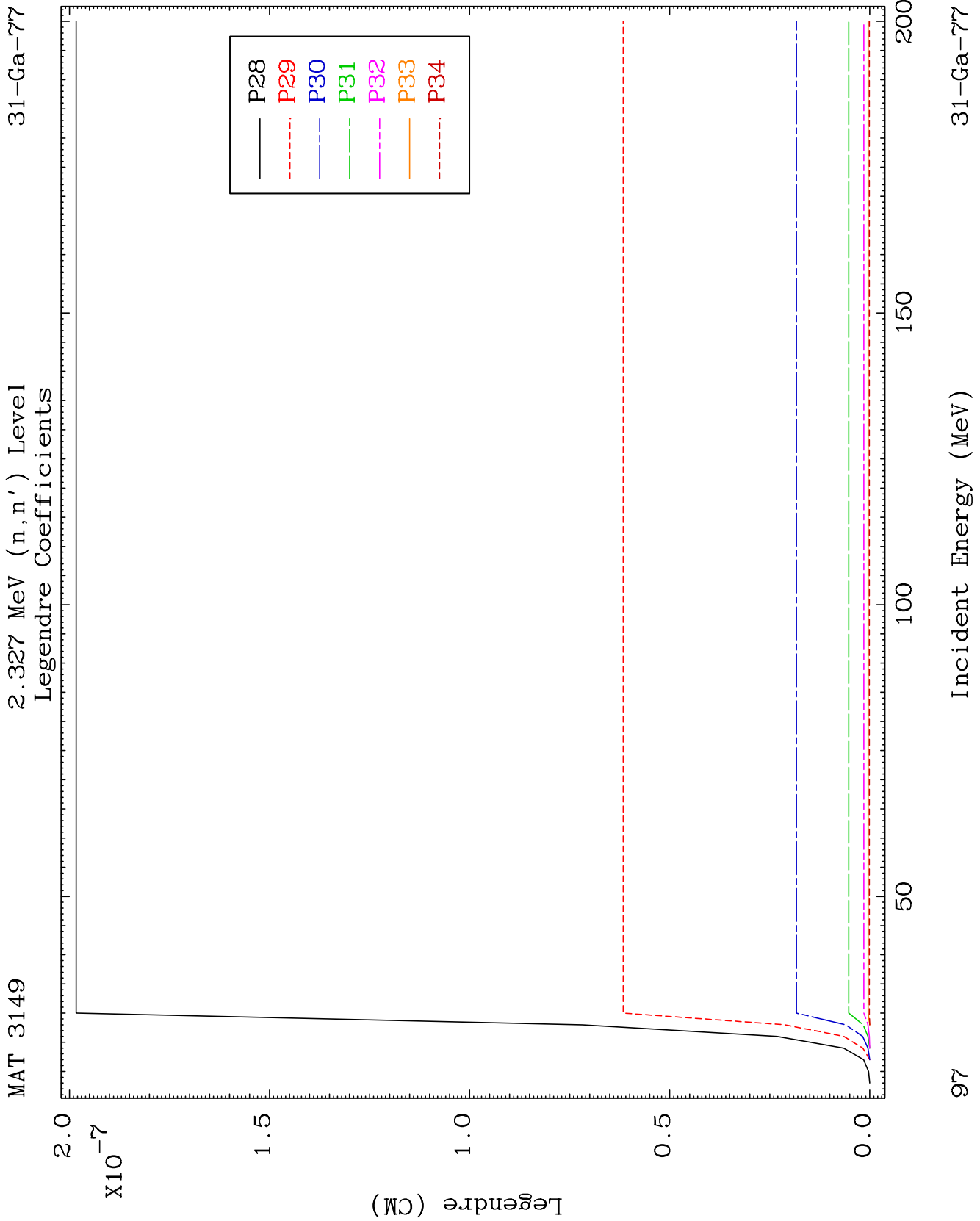
31-Ga-77

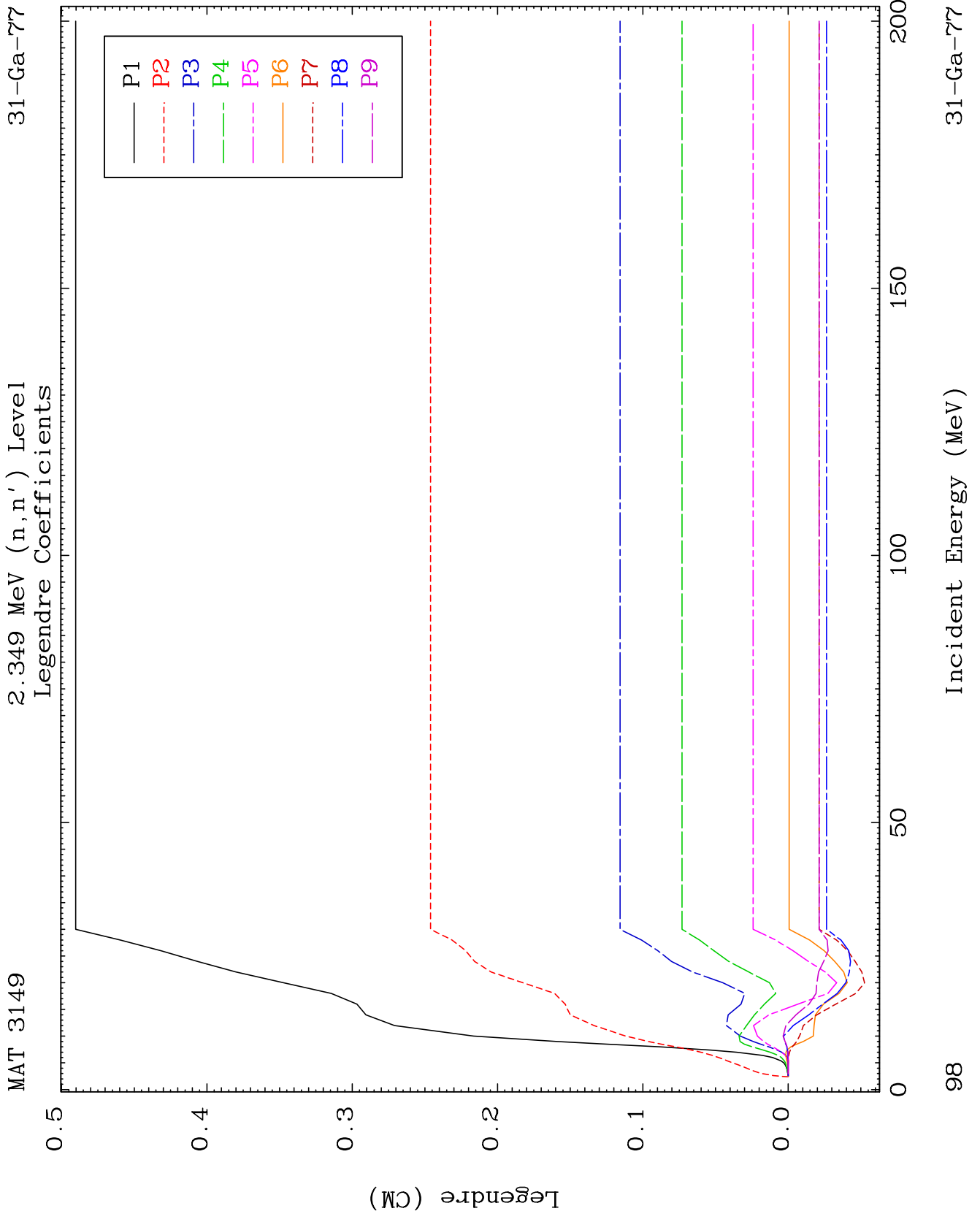
MAT 3149

2.327 MeV (n,n') Level
Legendre Coefficients

31-Ga-77



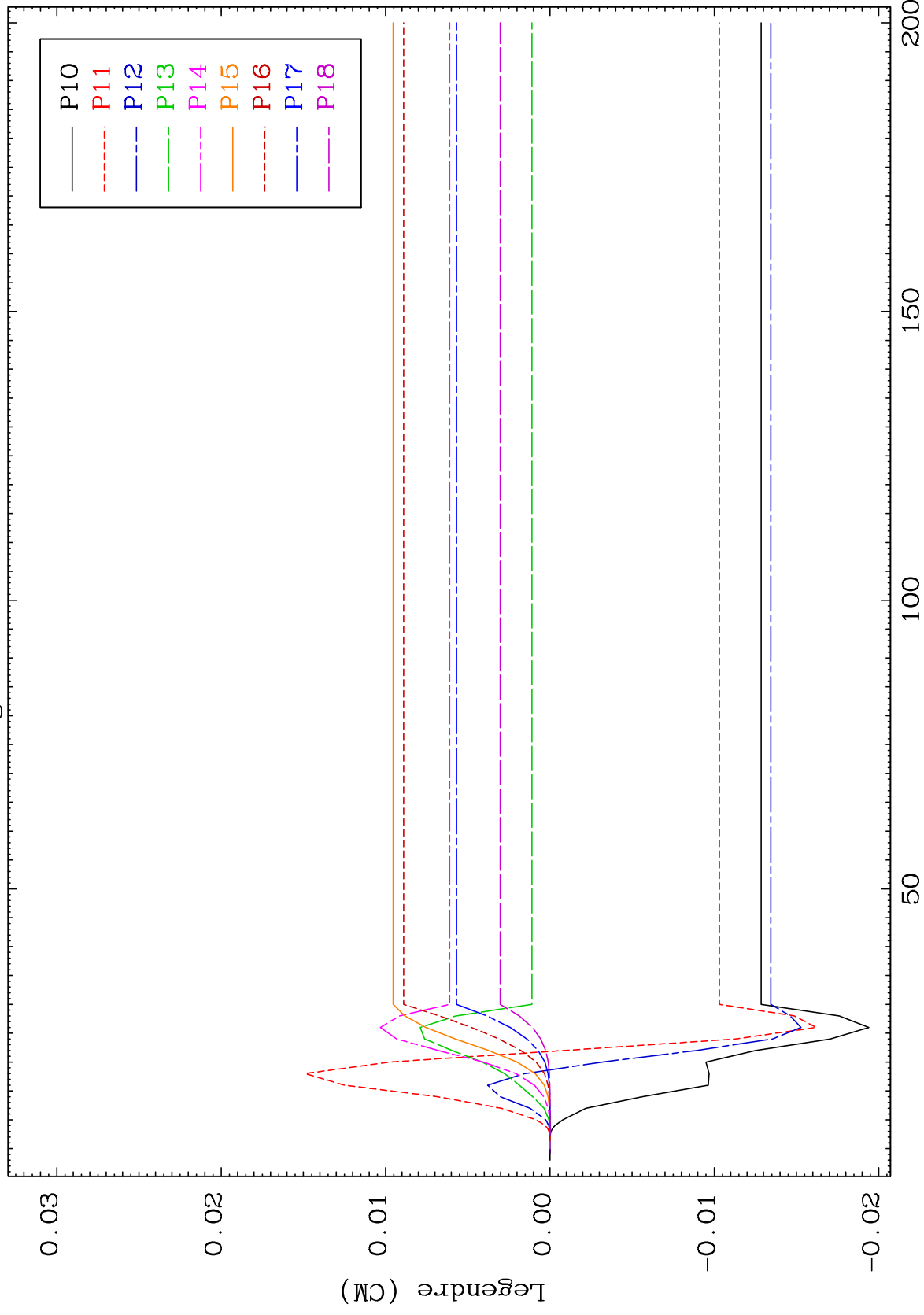




MAT 3149

2.349 MeV (n,n') Level
Legendre Coefficients

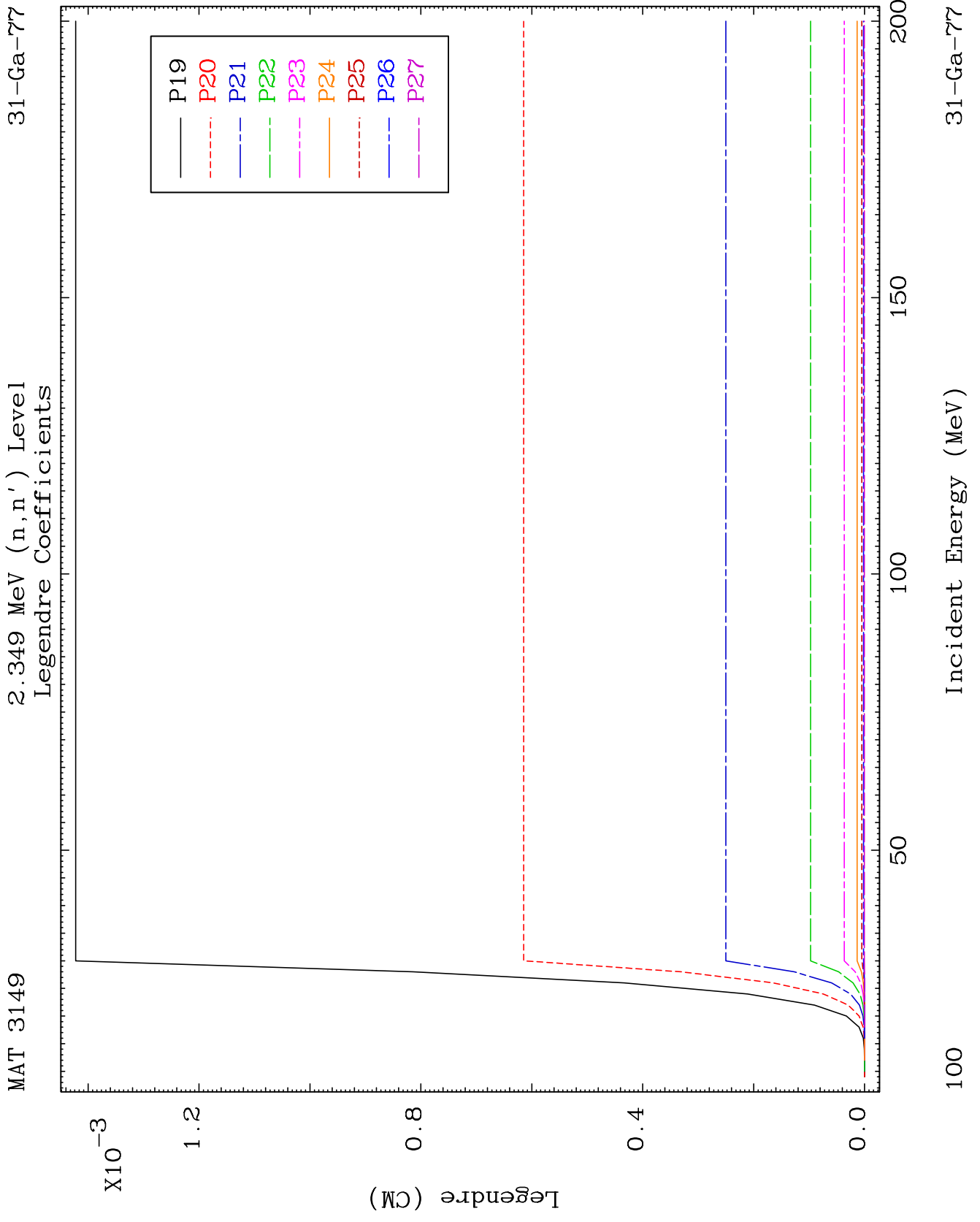
31-Ga-77

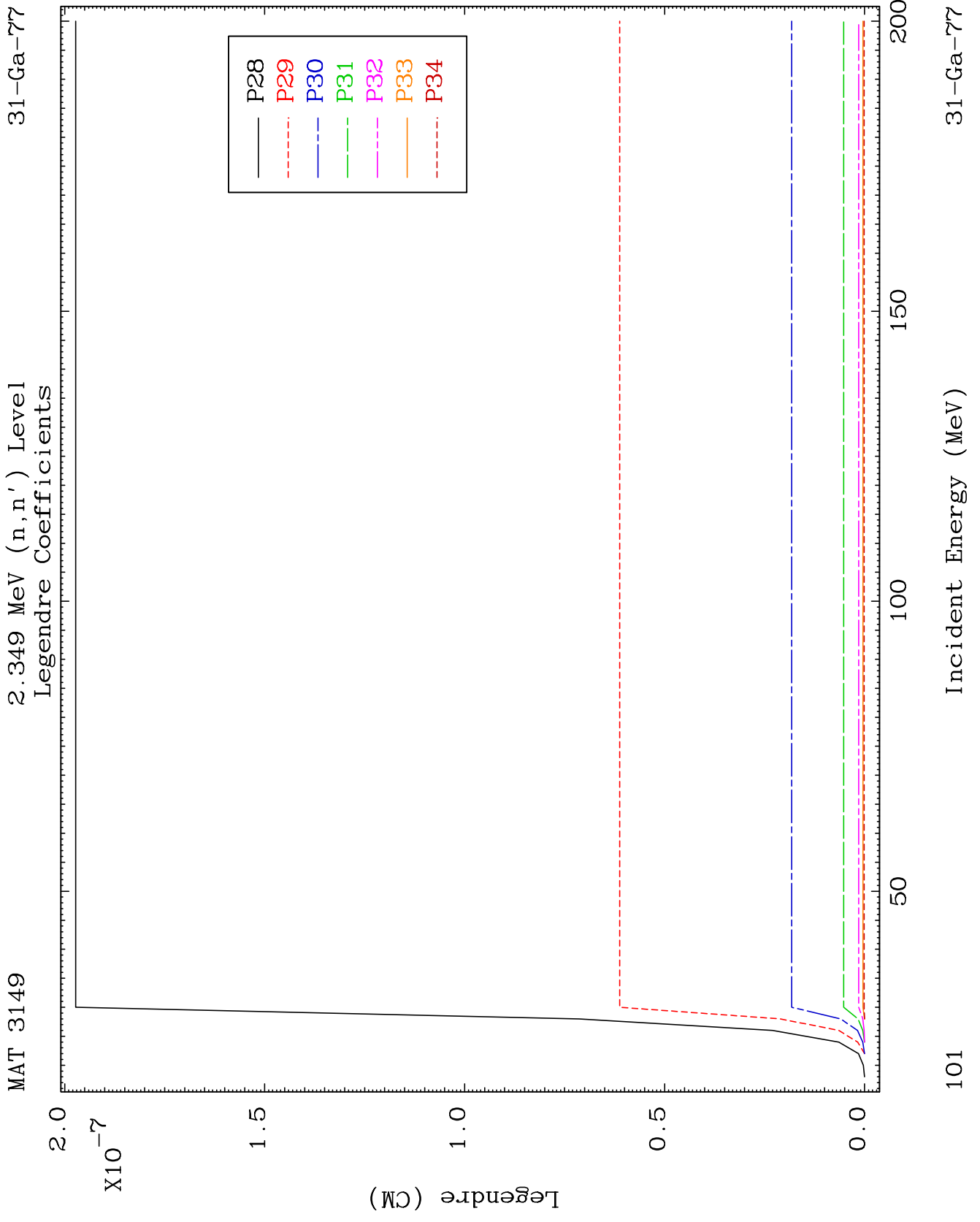


99

Incident Energy (MeV)

31-Ga-77

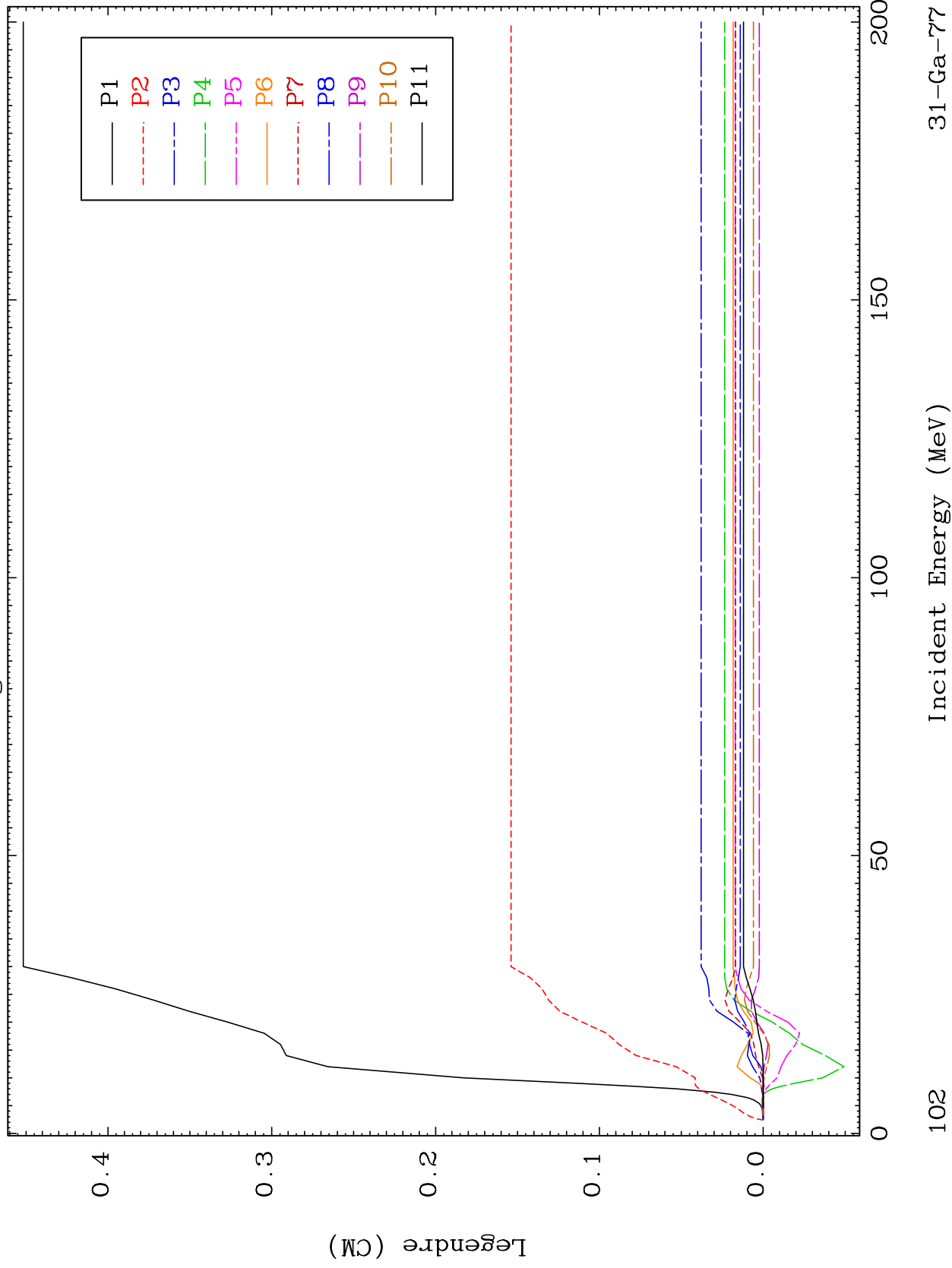




MAT 3149

2.357 MeV (n,n') Level
Legendre Coefficients

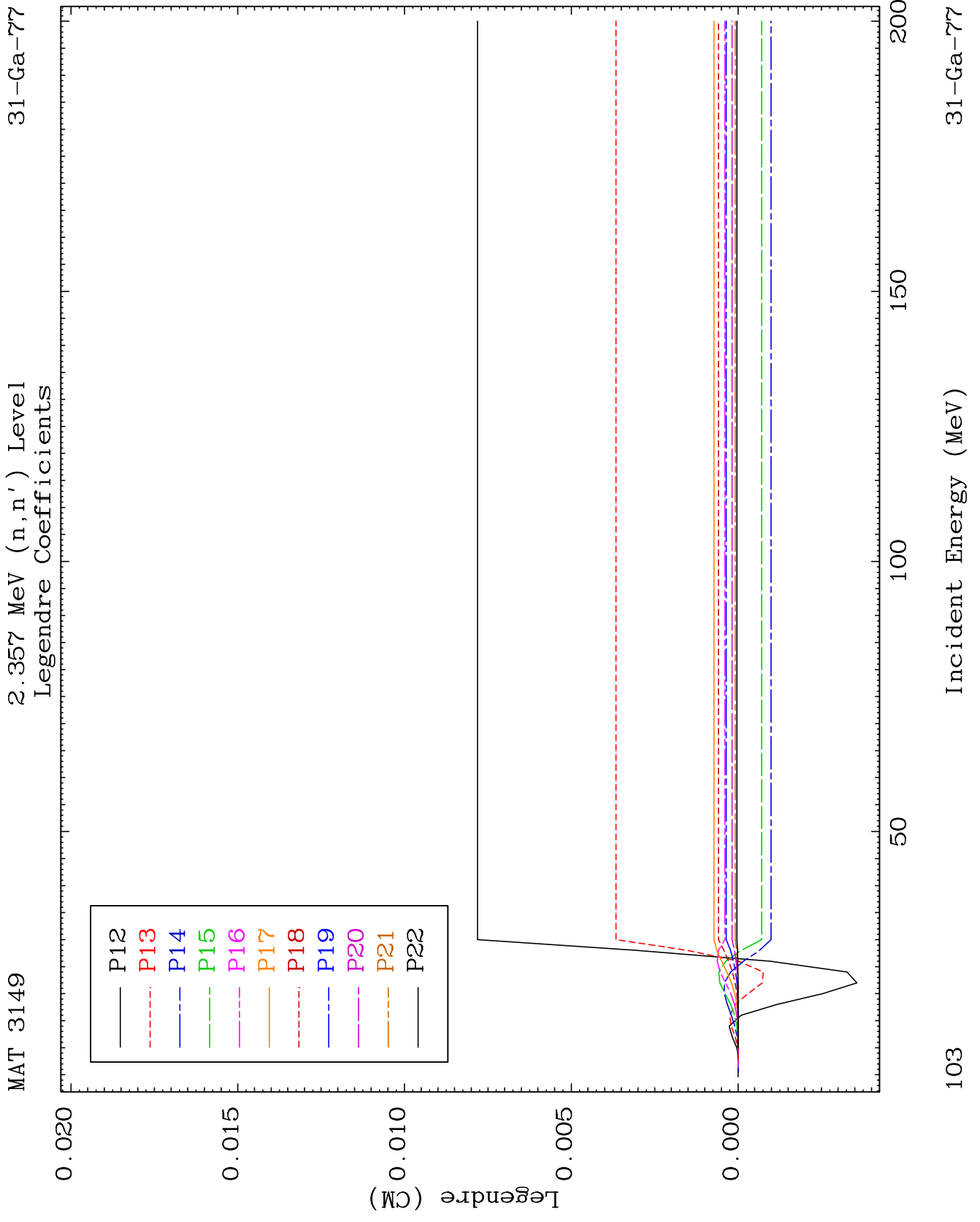
31-Ga-77

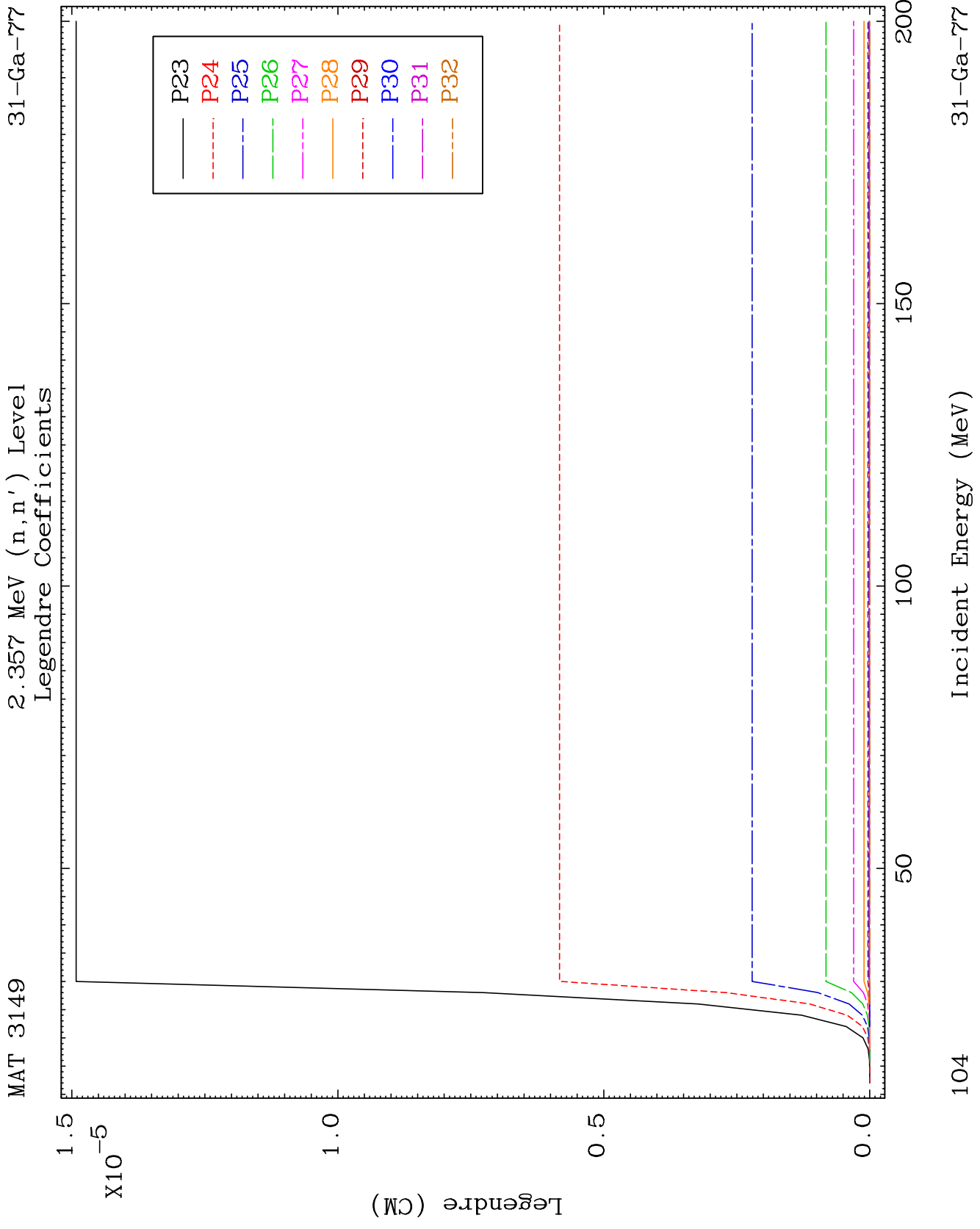


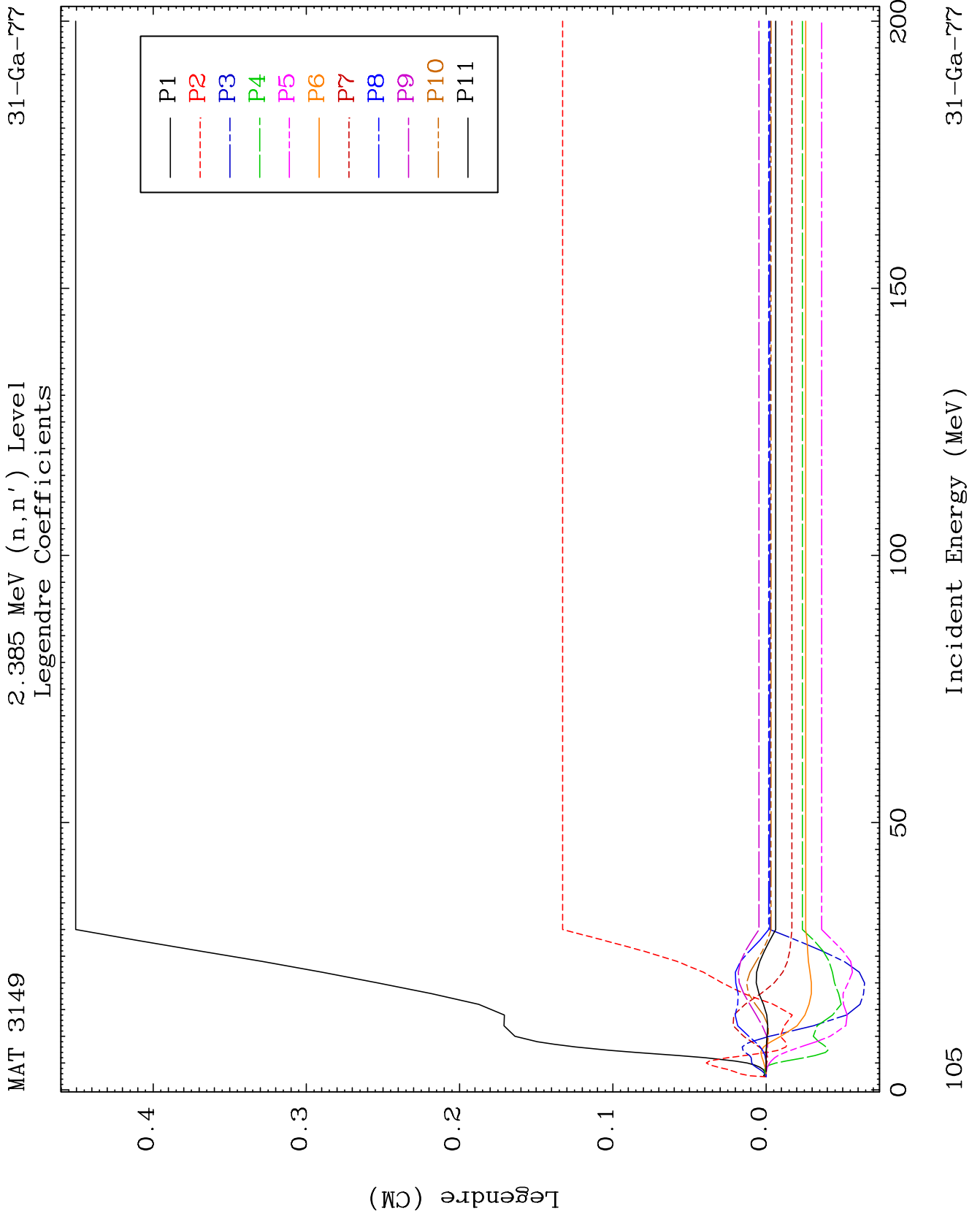
31-Ga-77

Incident Energy (MeV)

102



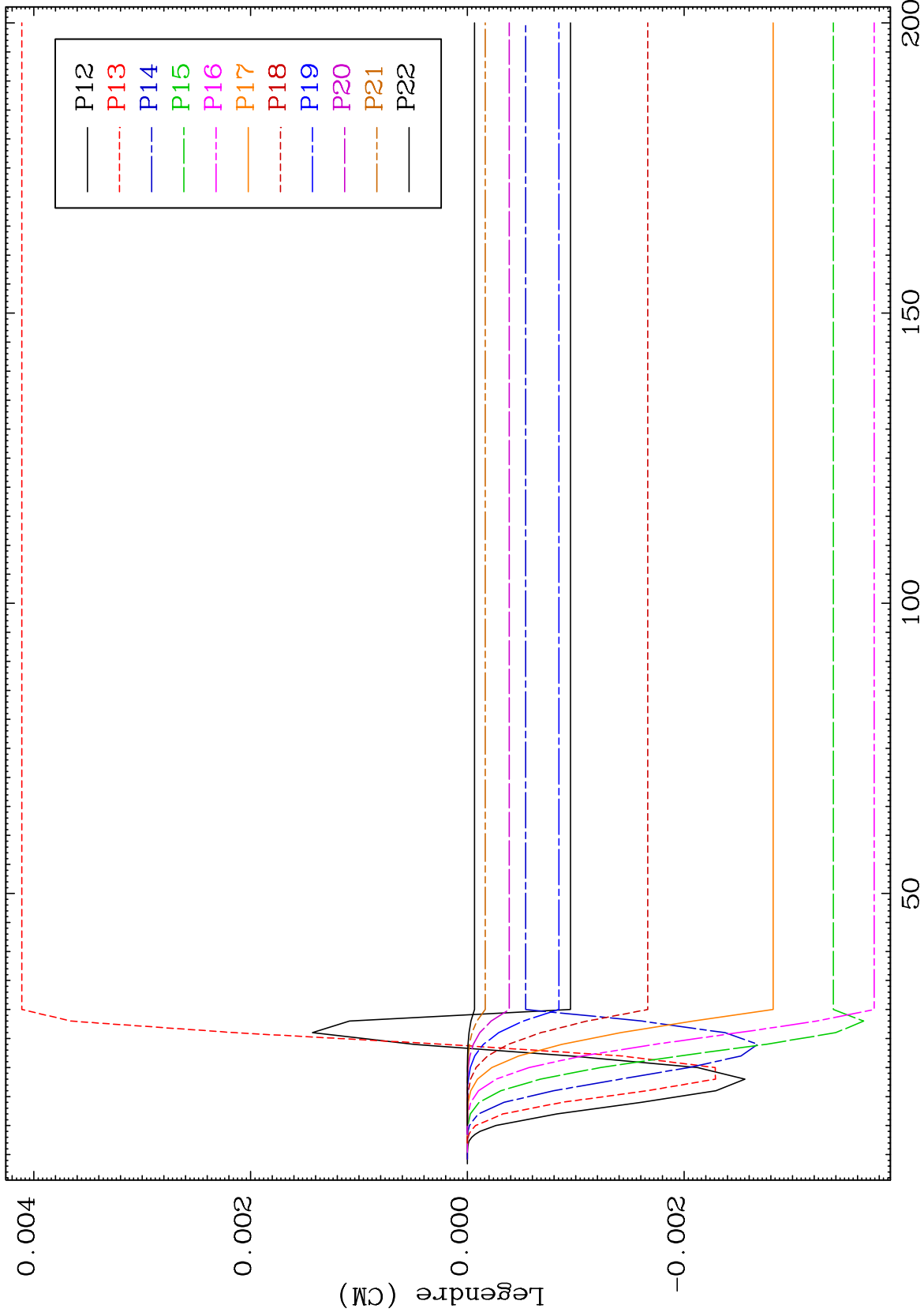




MAT 3149

2.385 MeV (n,n') Level
Legendre Coefficients

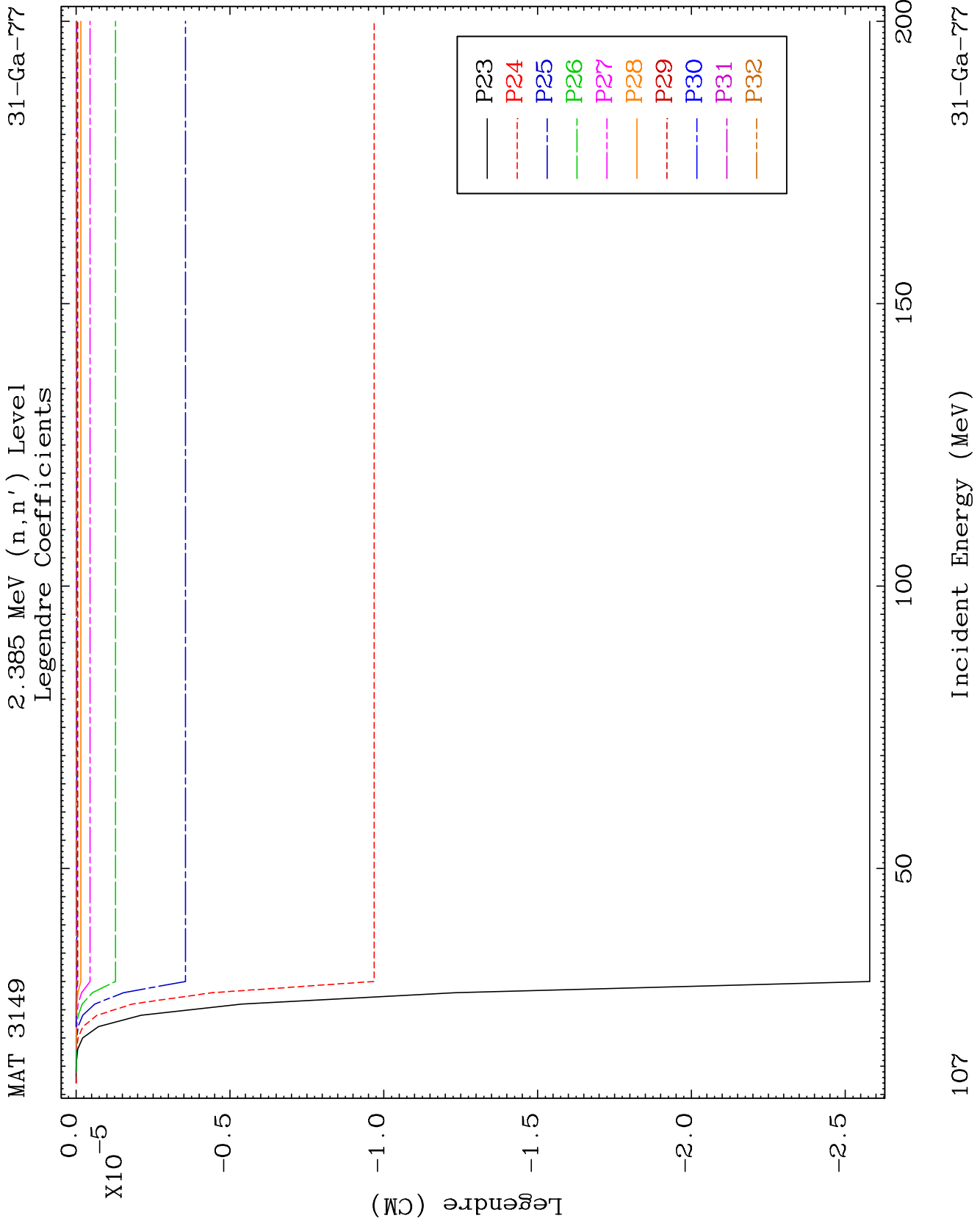
31-Ga-77

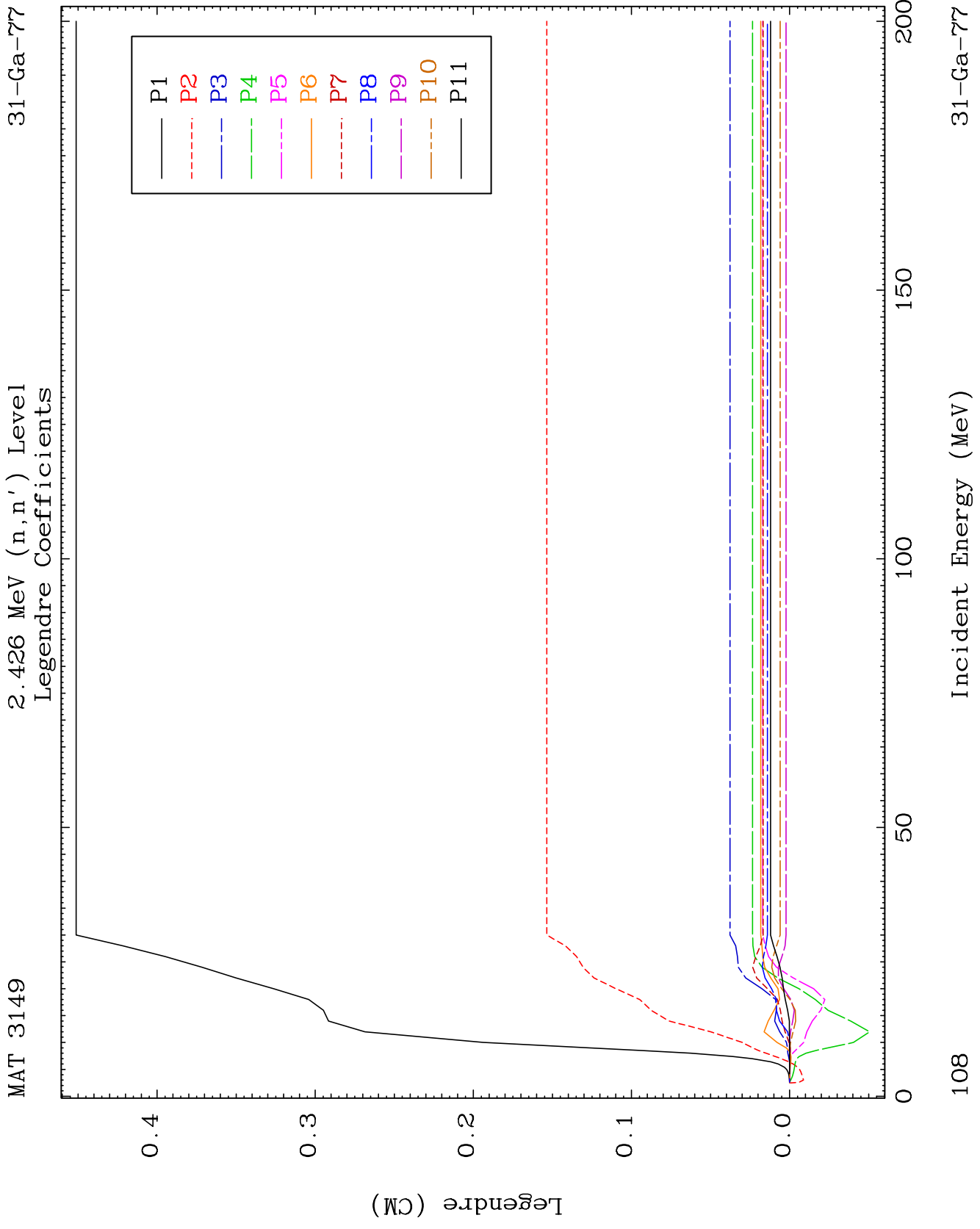


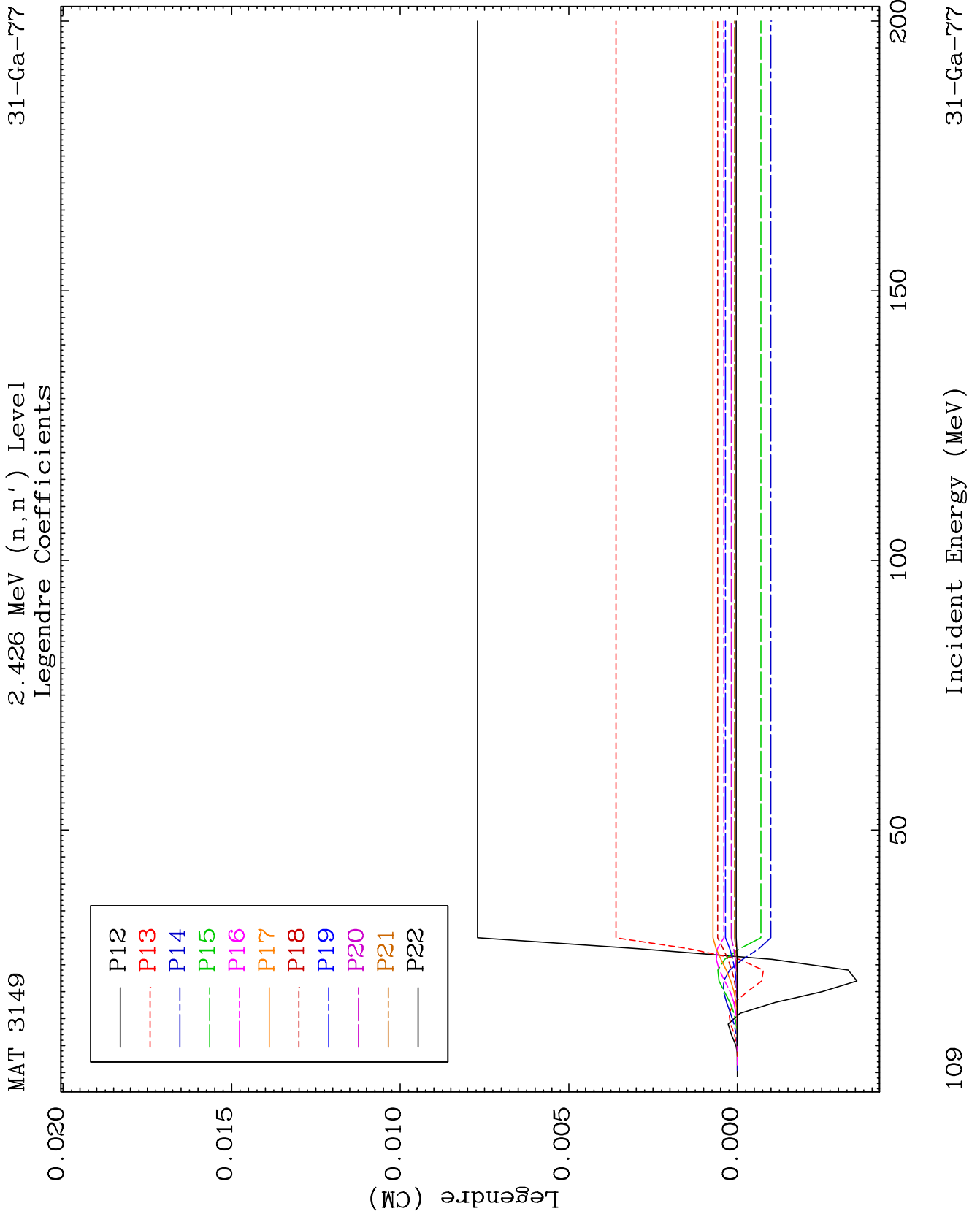
106

Incident Energy (MeV)

31-Ga-77



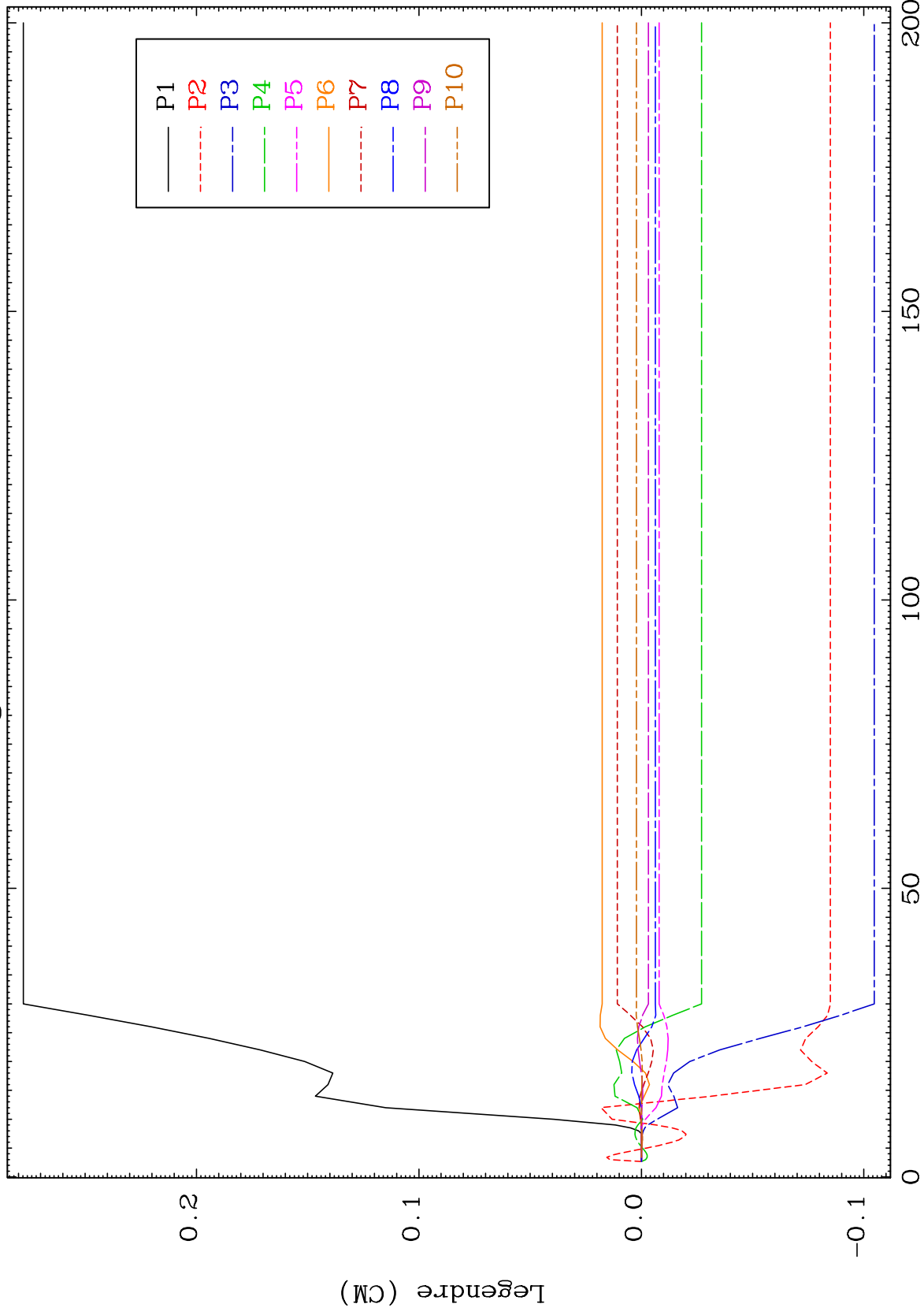




MAT 3149

2.621 MeV (n,n') Level
Legendre Coefficients

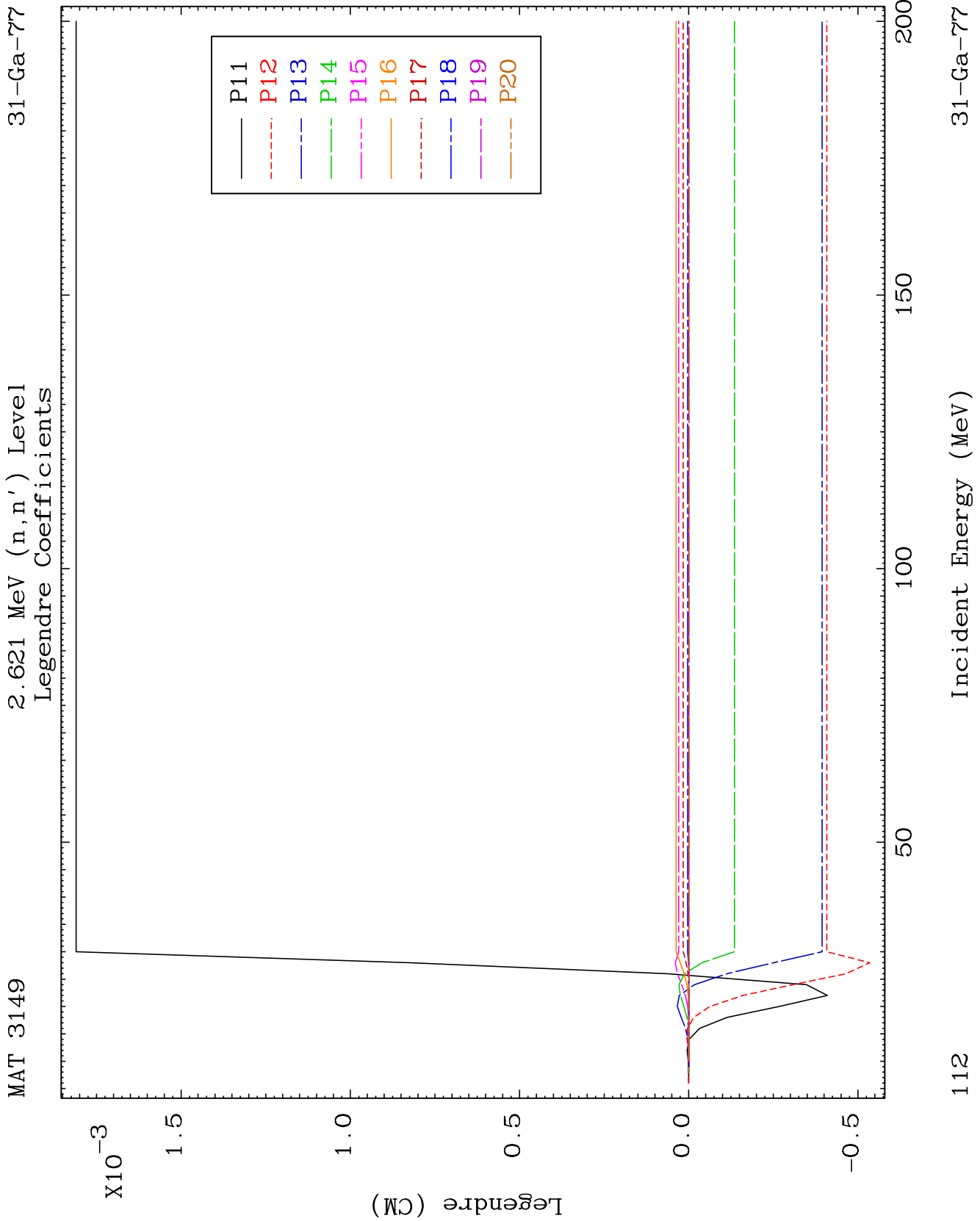
31-Ga-77

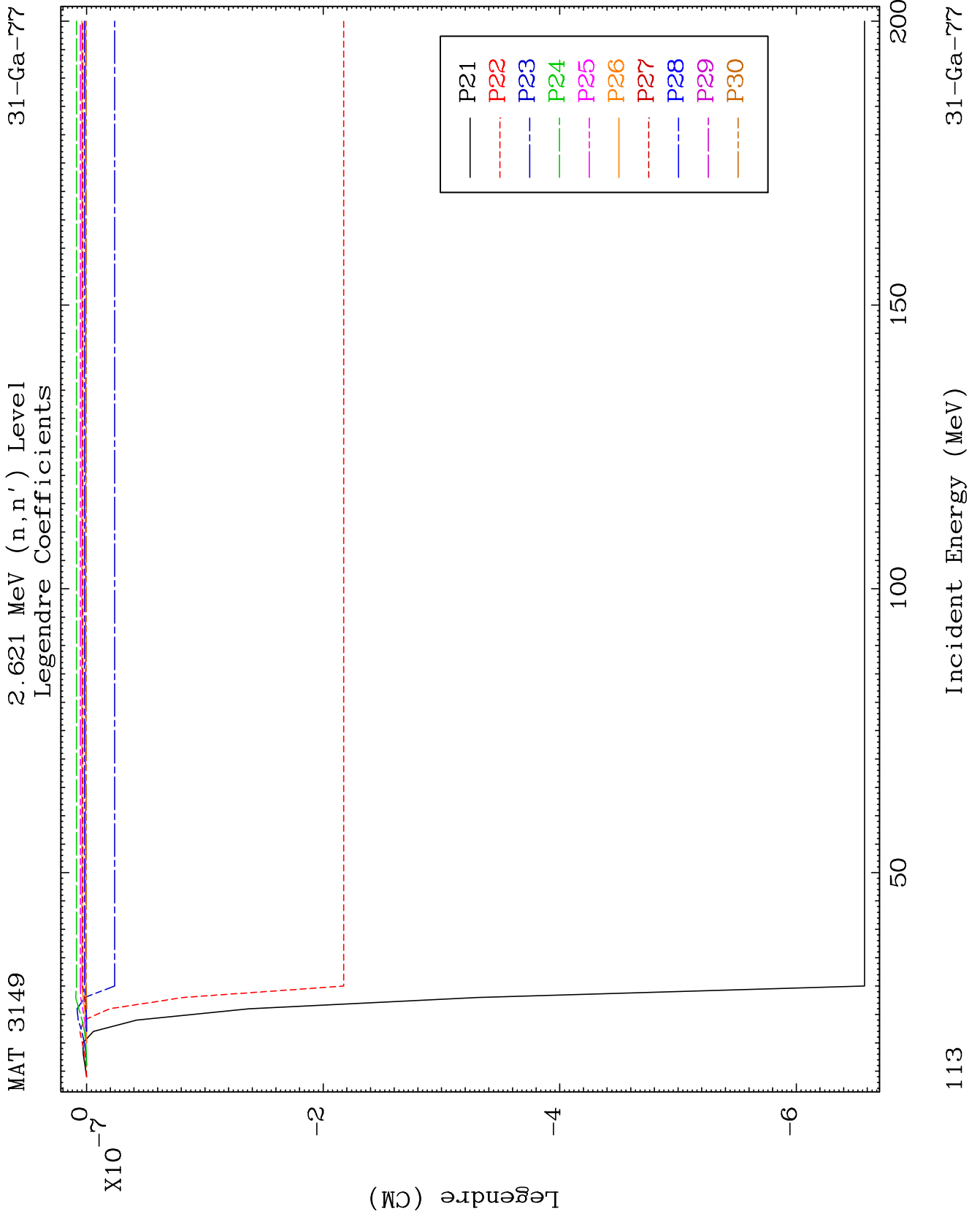


111

Incident Energy (MeV)

31-Ga-77

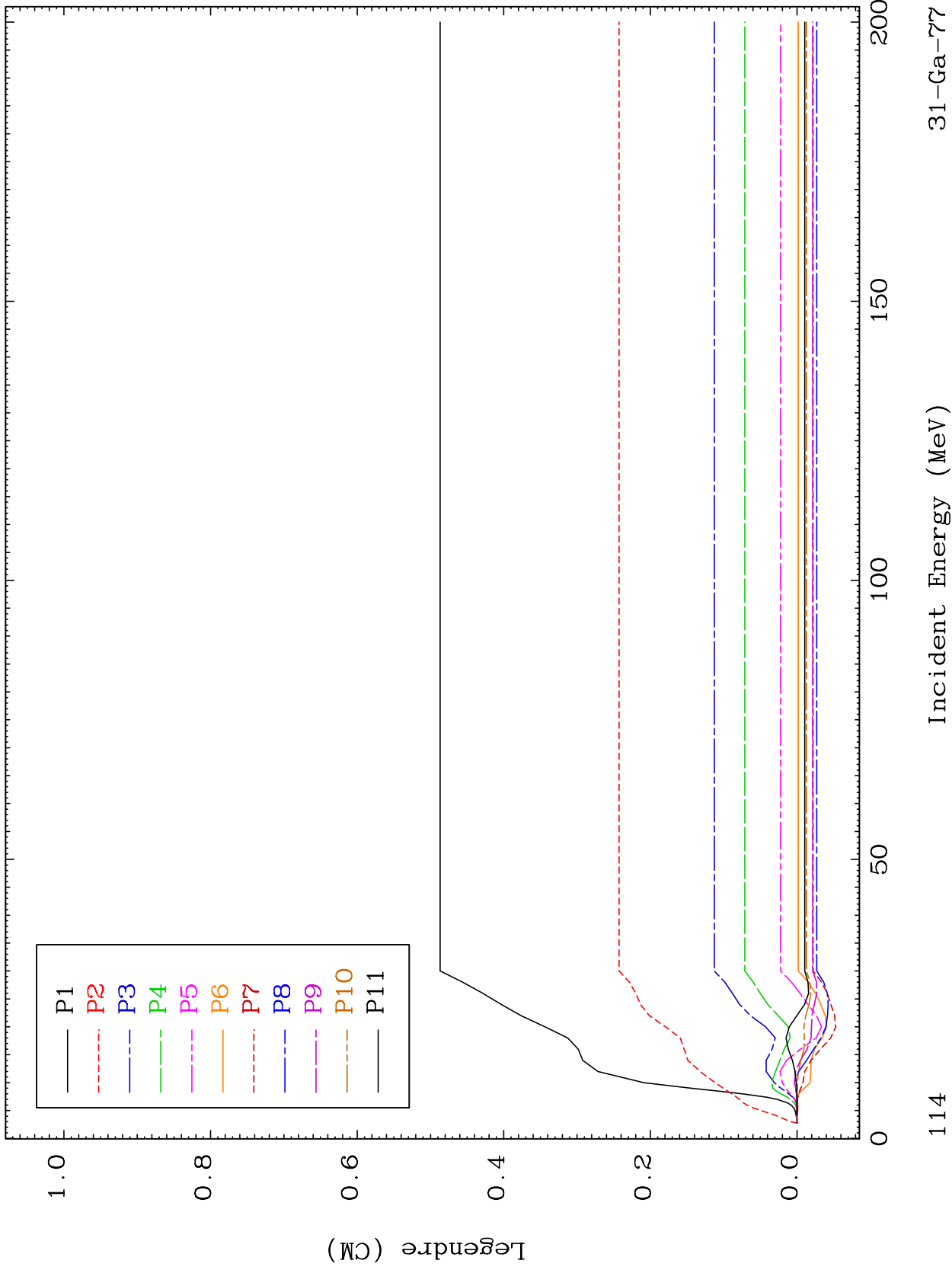




MAT 3149

2.699 MeV (n, n') Level
Legendre Coefficients

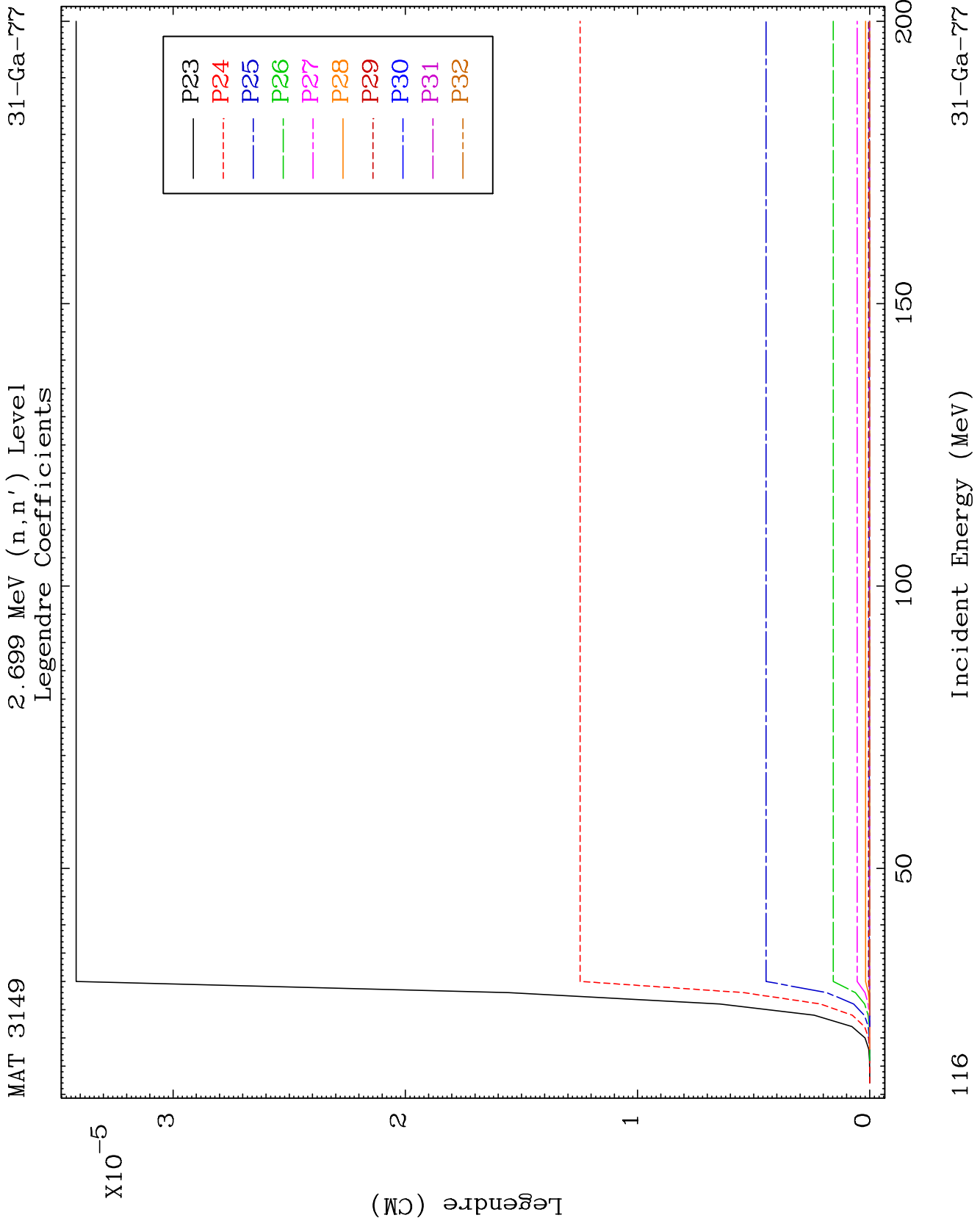
31-Ga-77

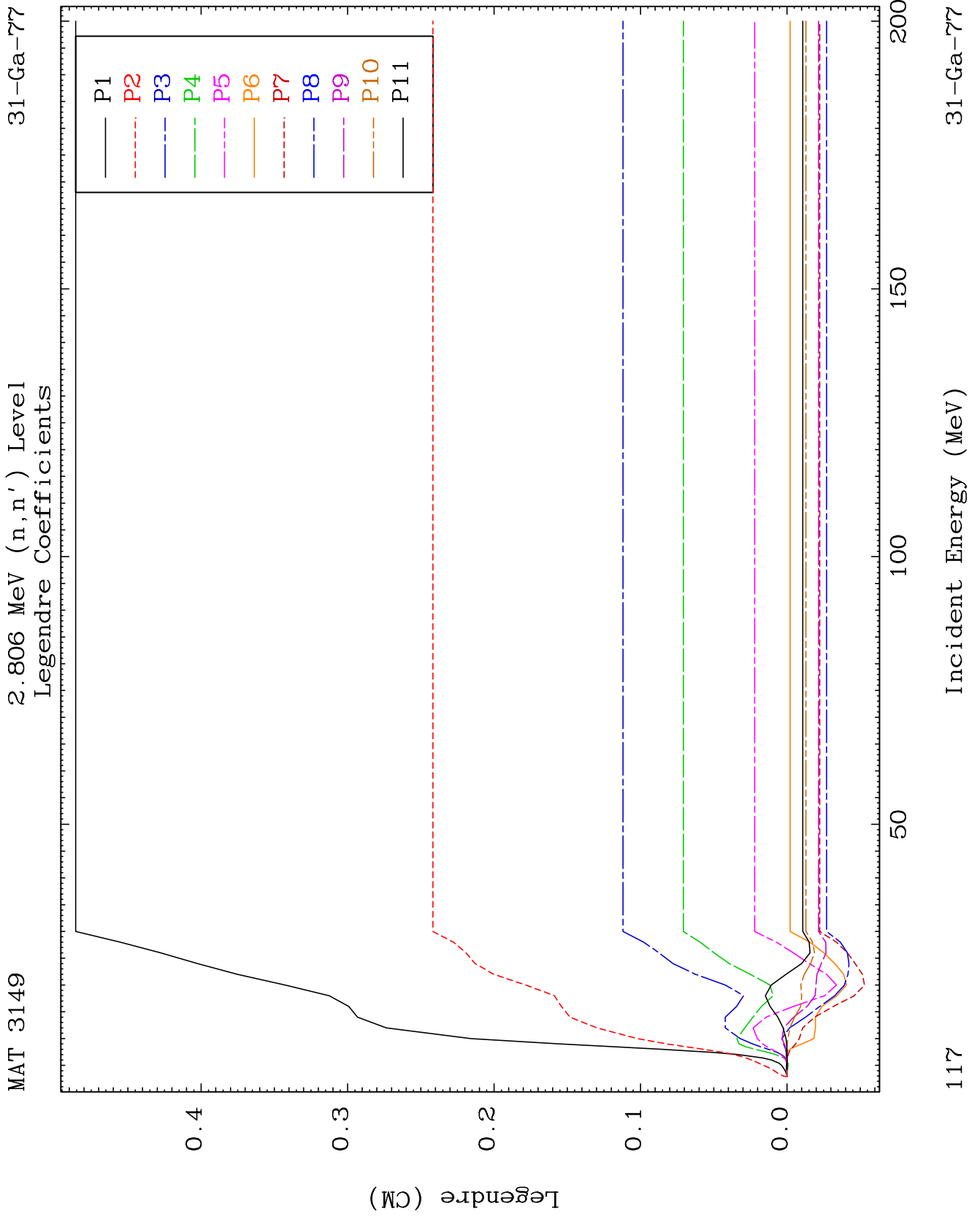


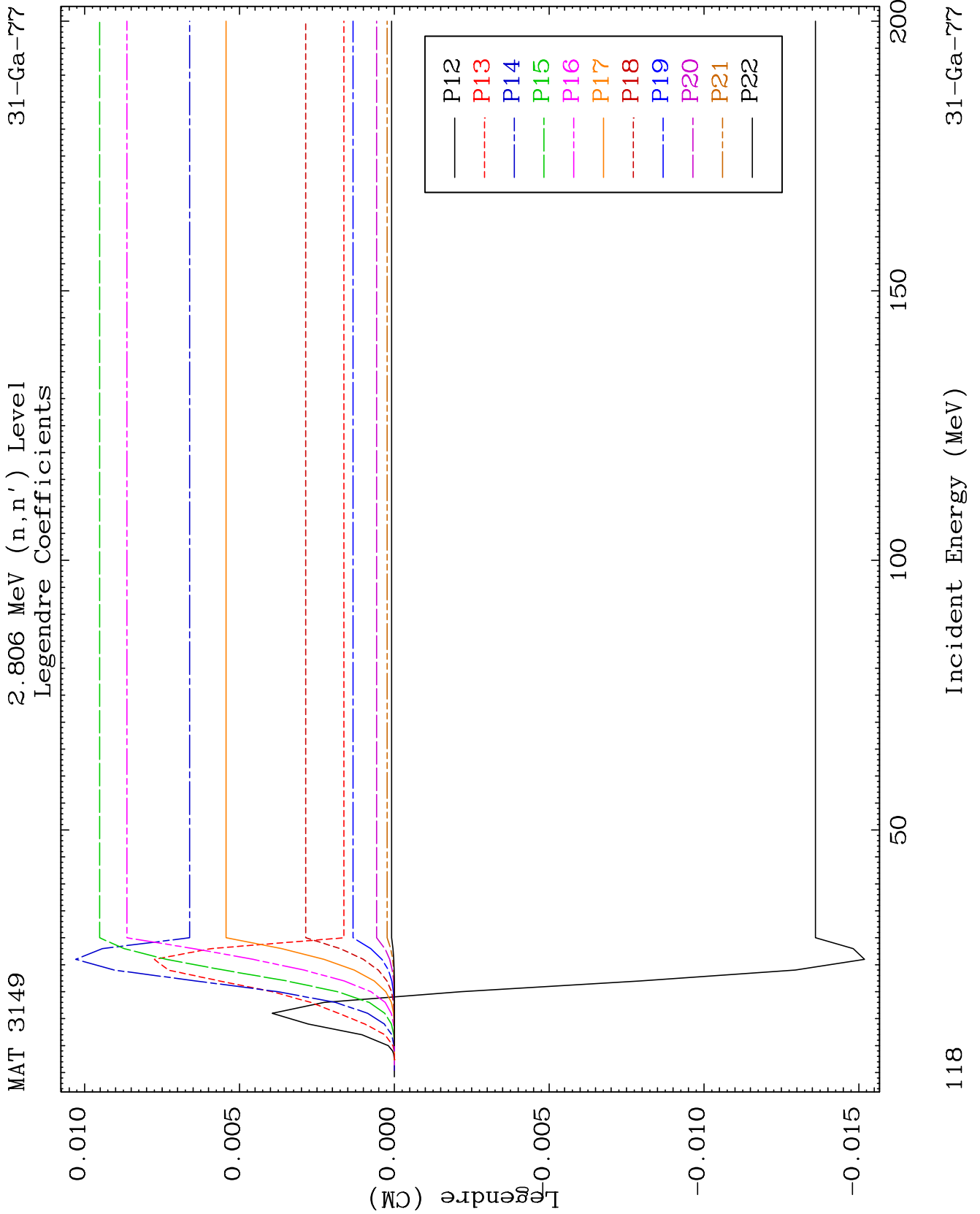
114

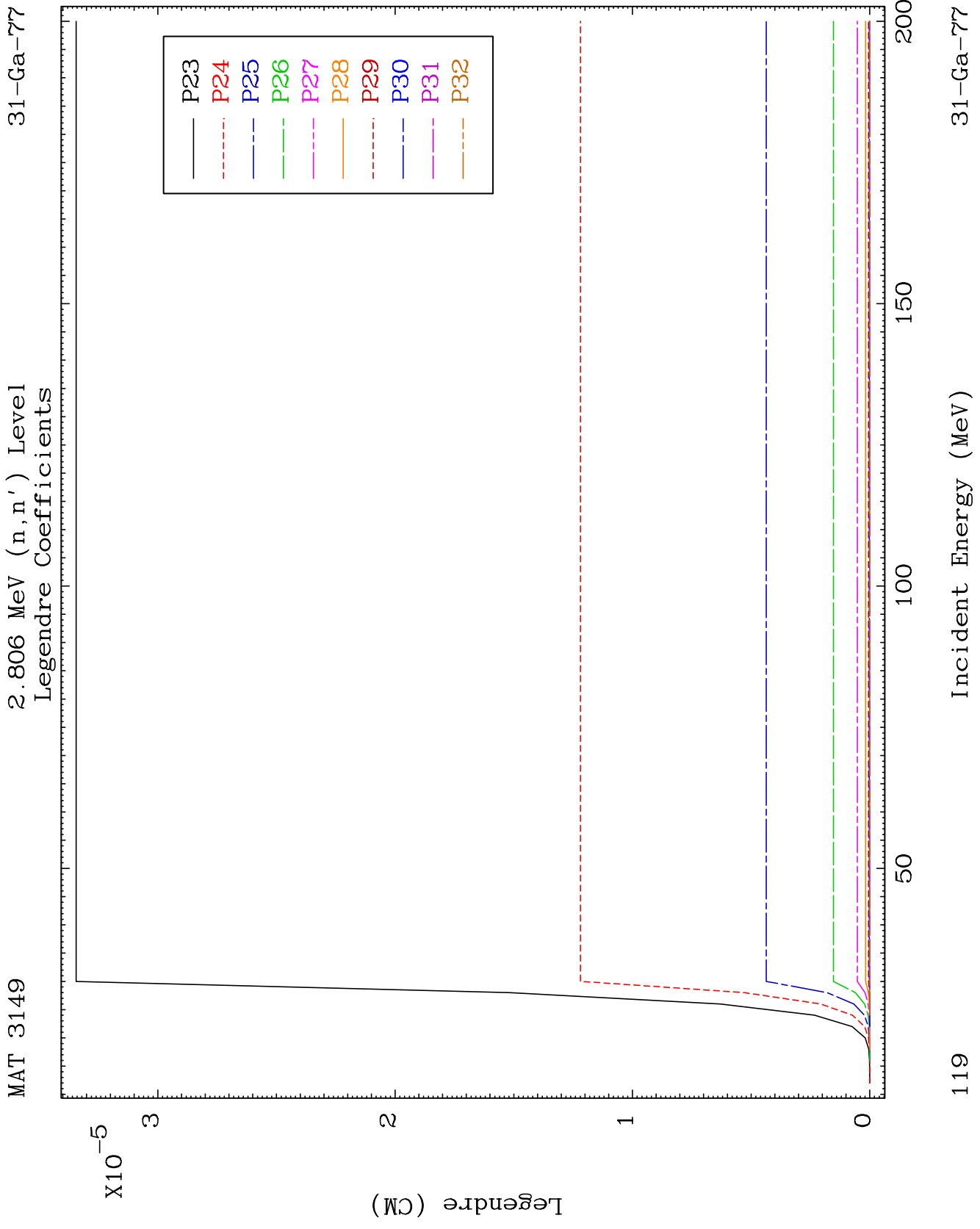
Incident Energy (MeV)

31-Ga-77





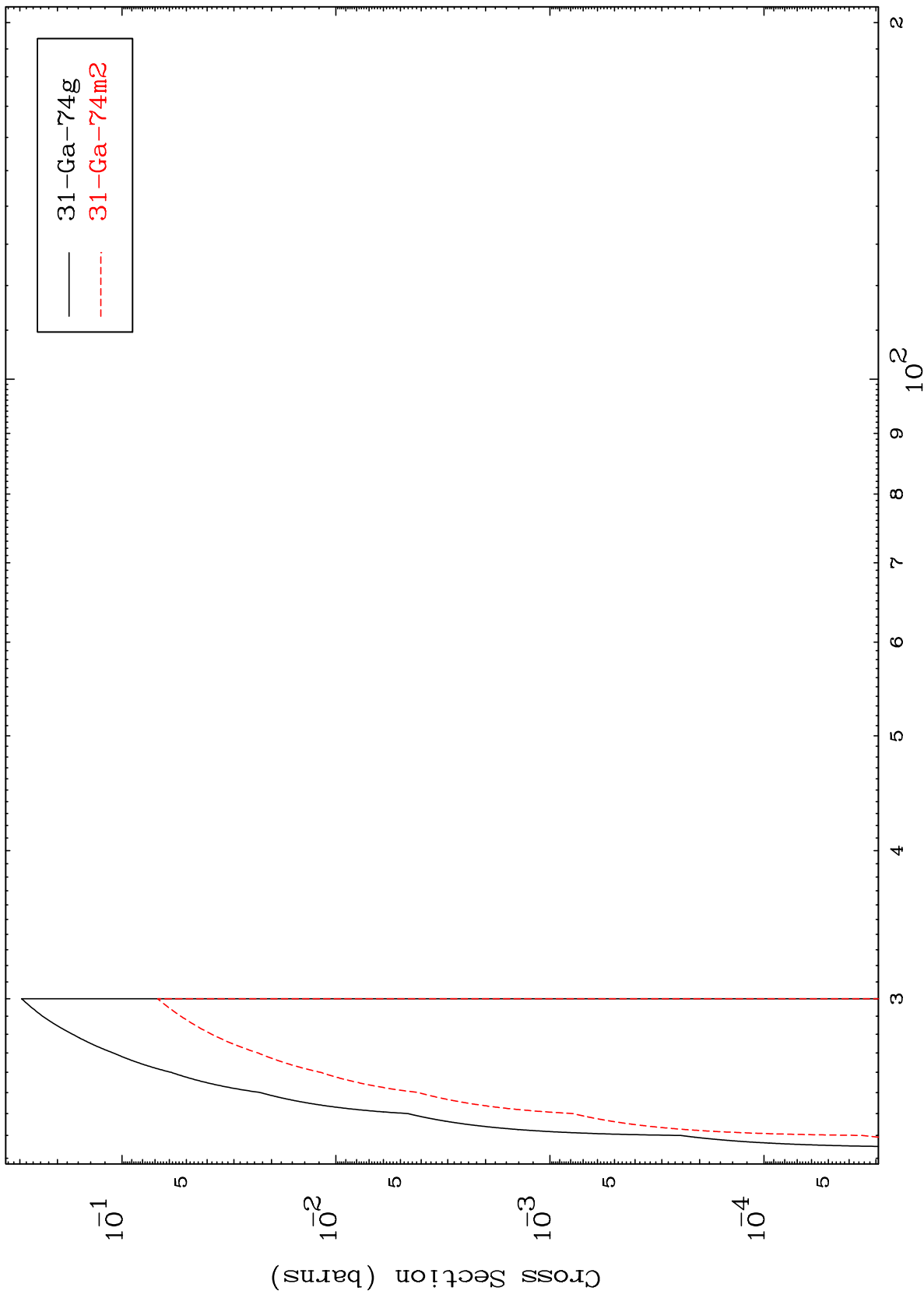




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³¹Ga-77

(n,4n)
Radionuclide Production Cross Section



— 31-Ga-74g
- - - 31-Ga-74m2

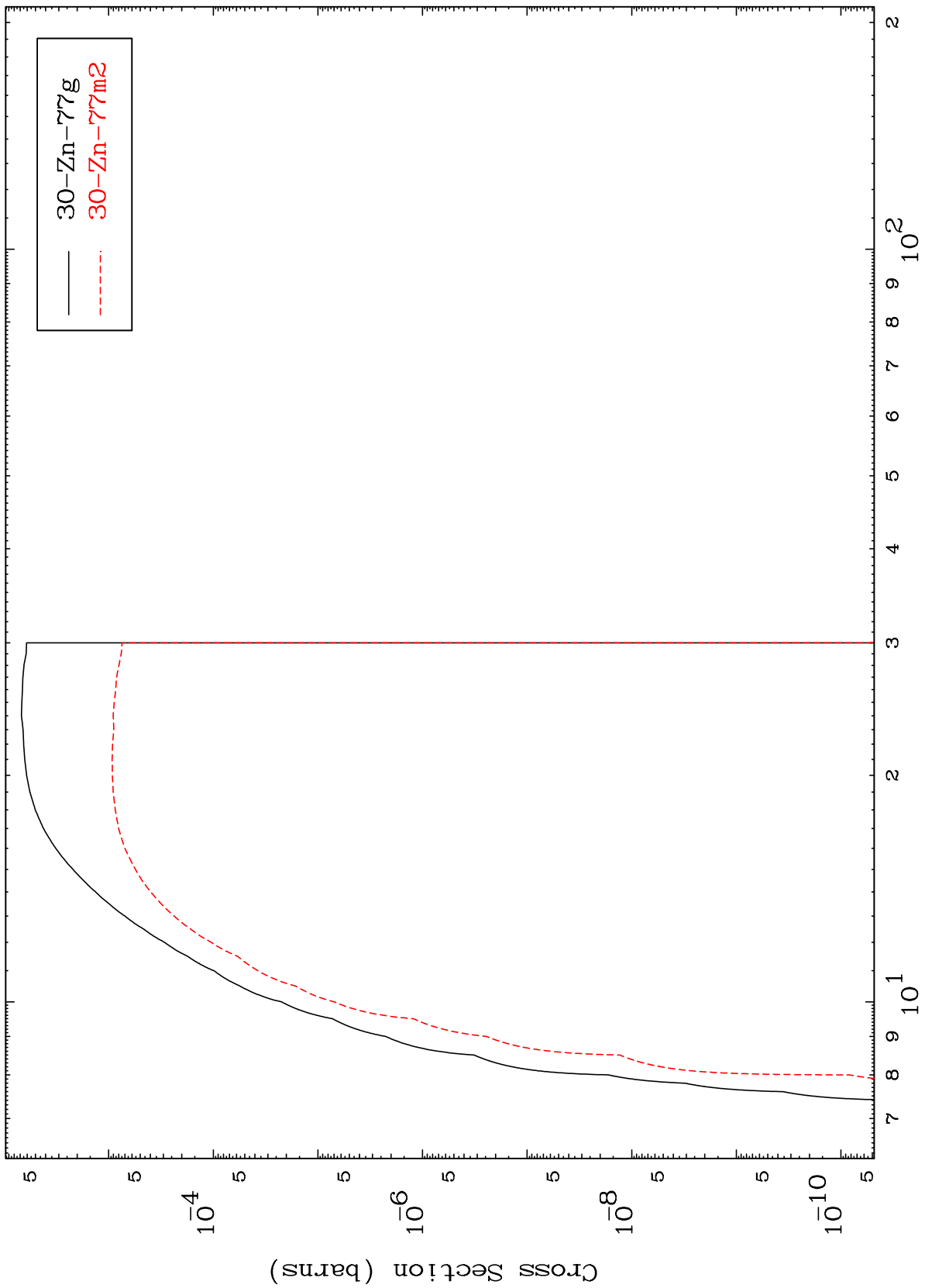
120

³¹Ga-77

MAT 3149

31-Ga-77

(n,p)
Radionuclide Production Cross Section



121

Incident Energy (MeV)

31-Ga-77