

Program EVALPLOT
(Version 2015-2)

by

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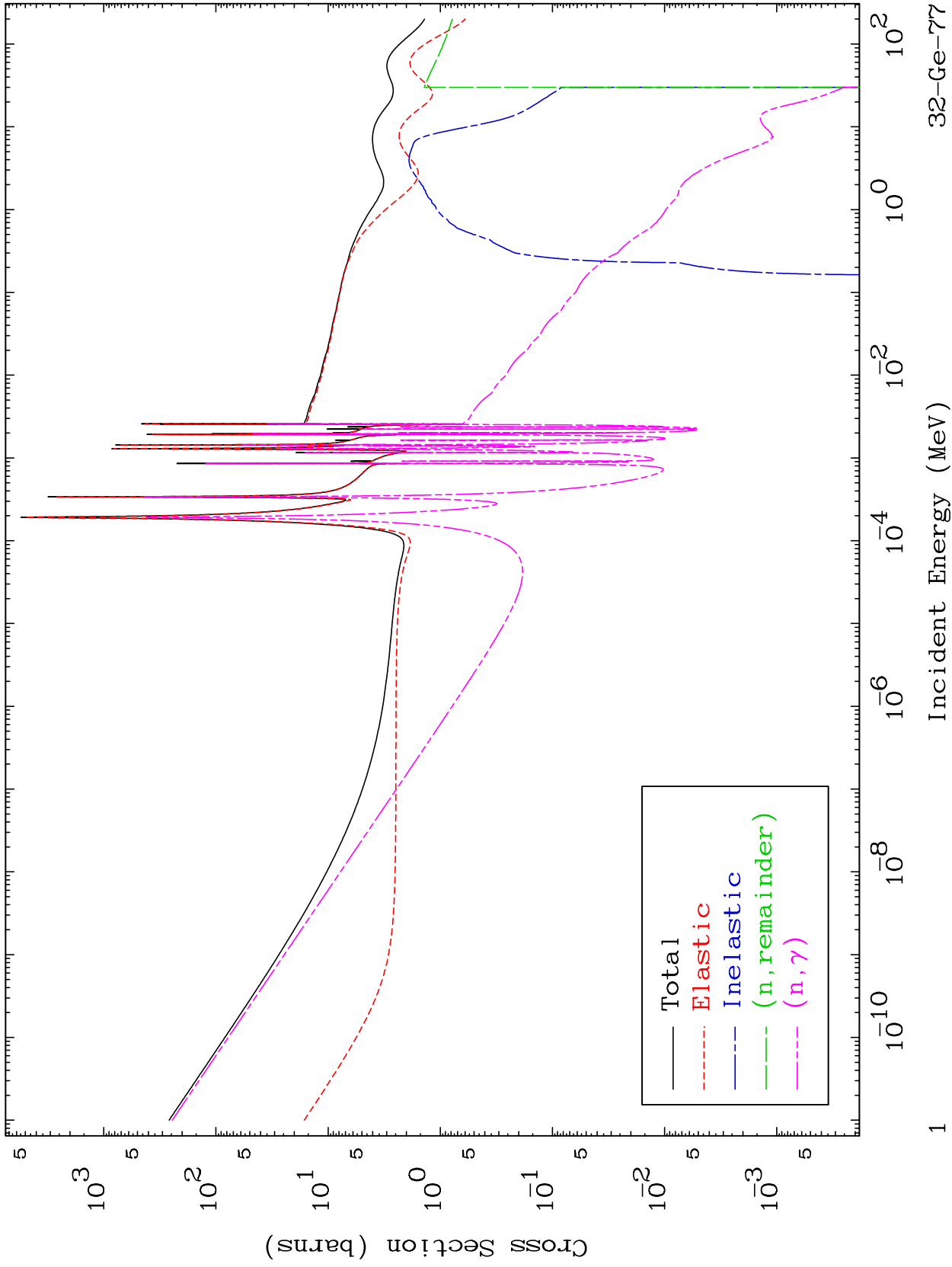
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3246

Major
293 Kelvin Cross Sections

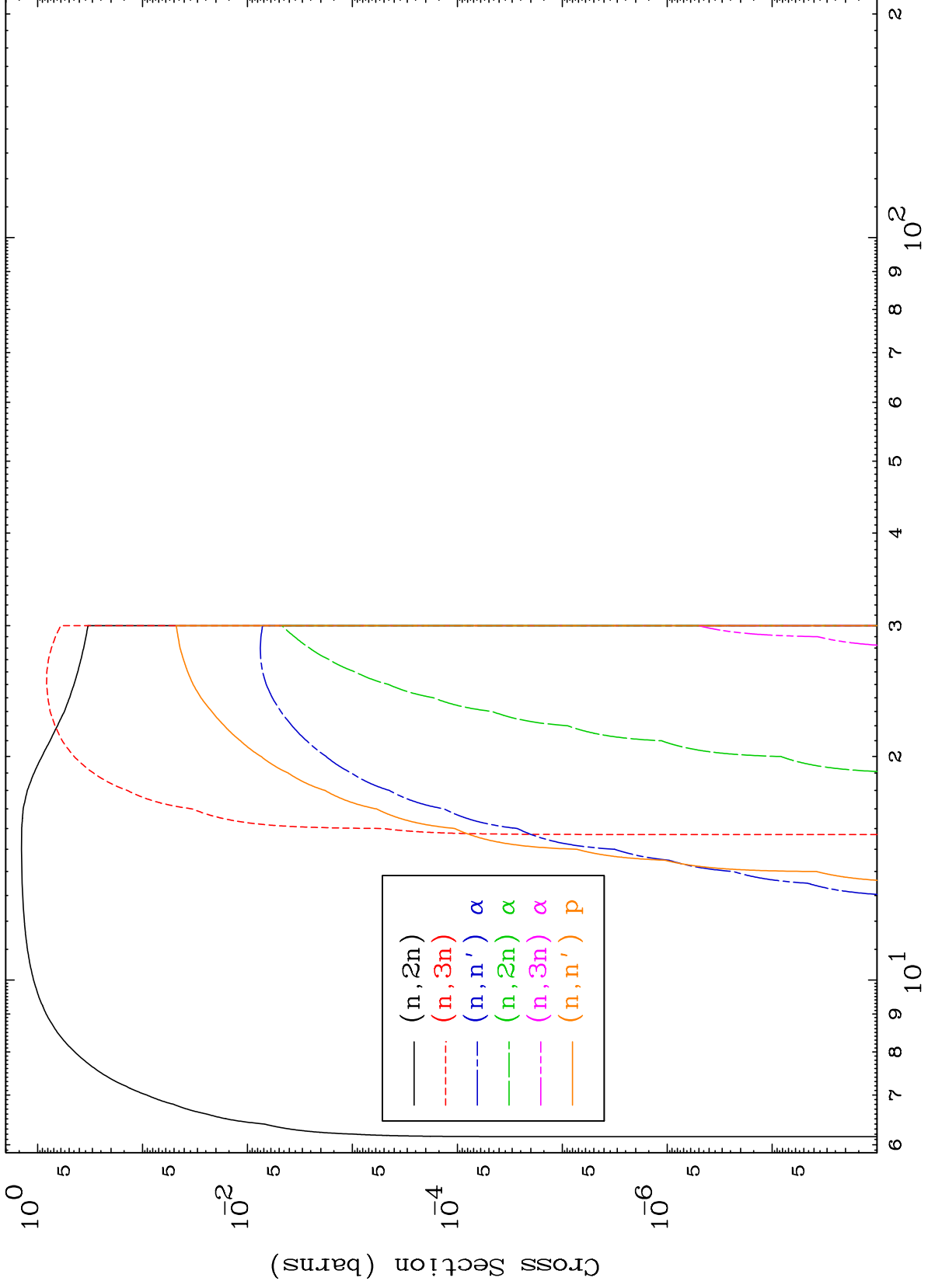
32-Ge-77



MAT 3246

Neutron Production
293 Kelvin Cross Sections

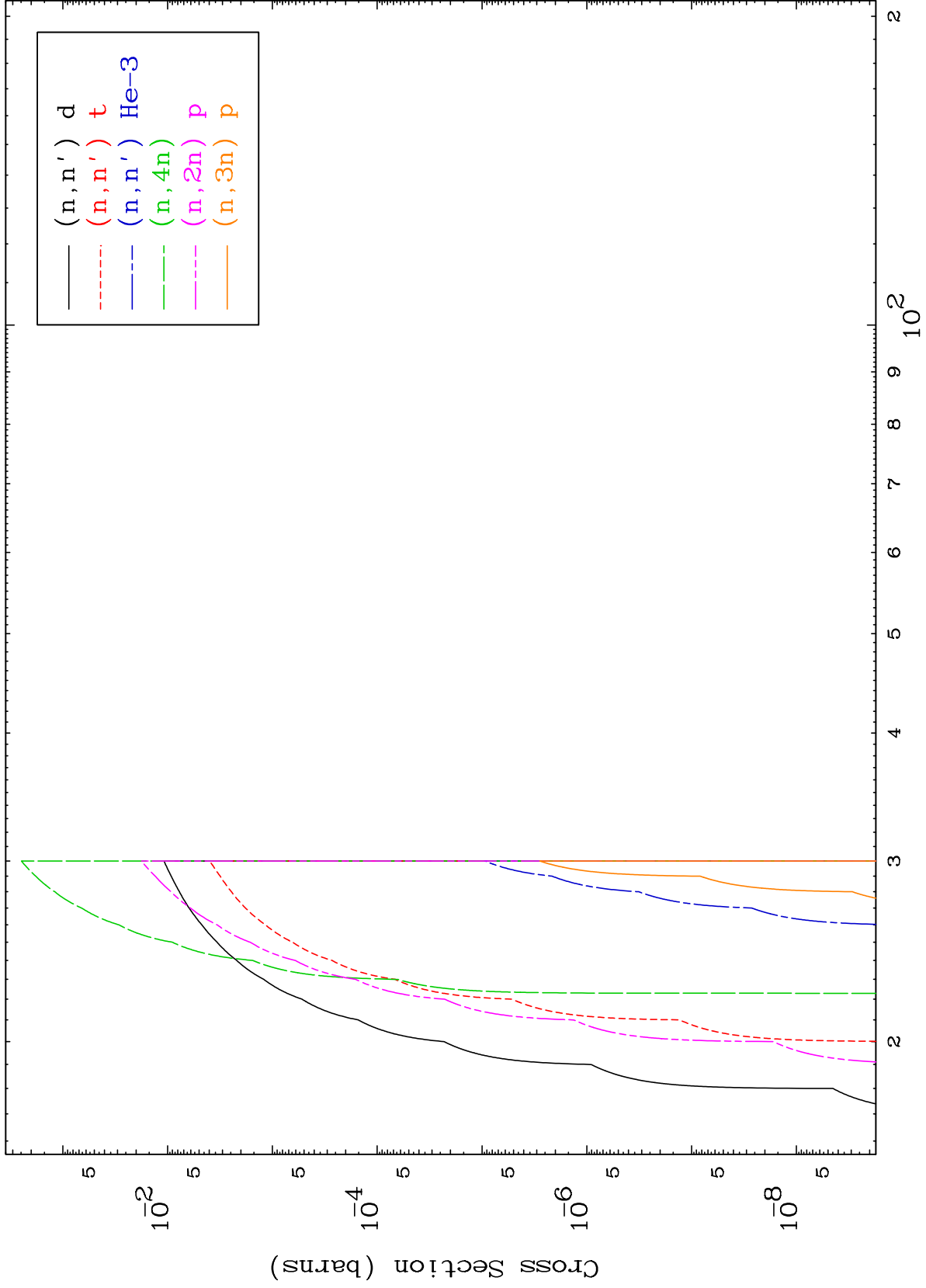
32-Ge-77



2

Incident Energy (MeV)

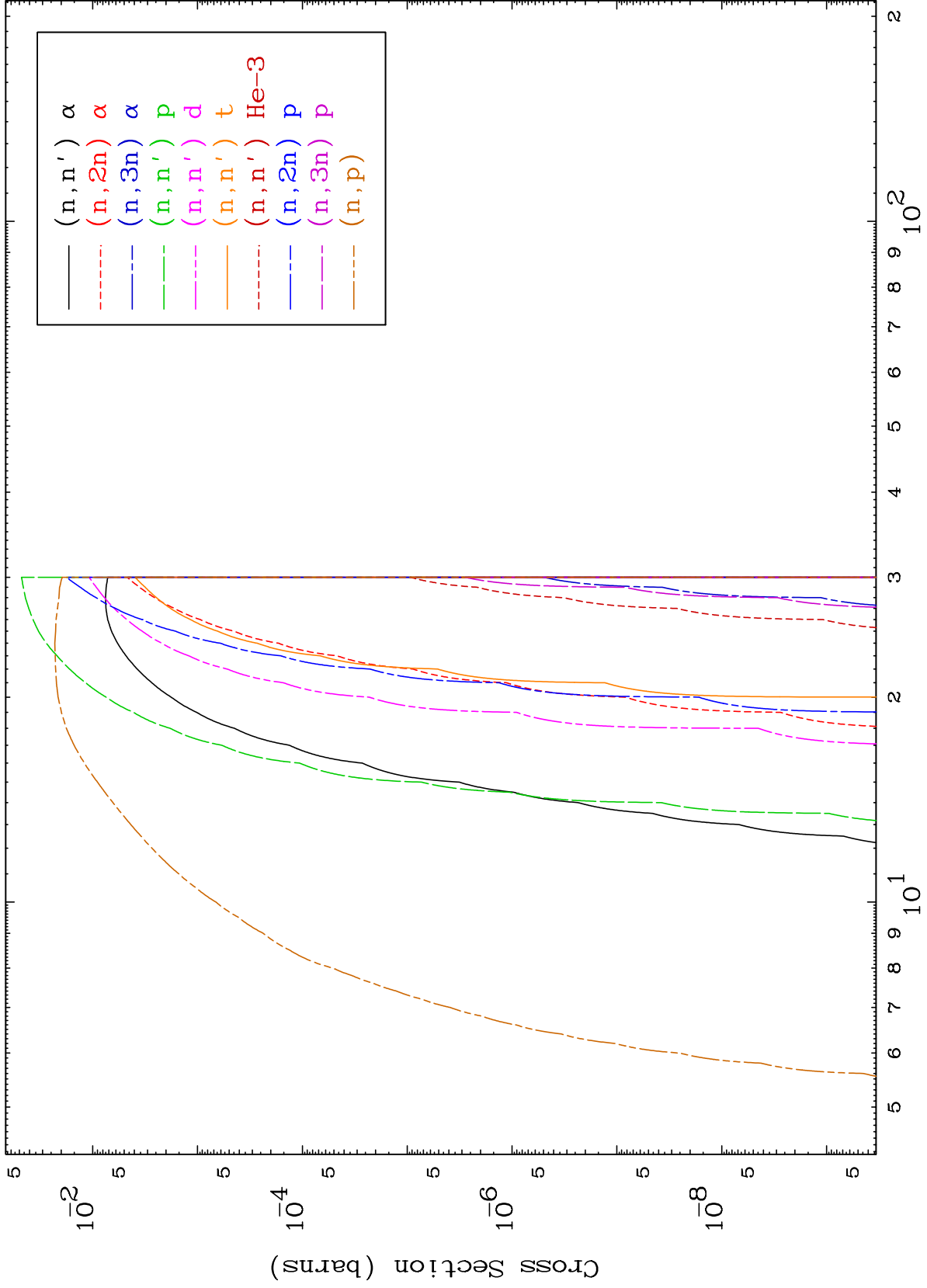
32-Ge-77



MAT 3246

Charged Particle
293 Kelvin Cross Sections

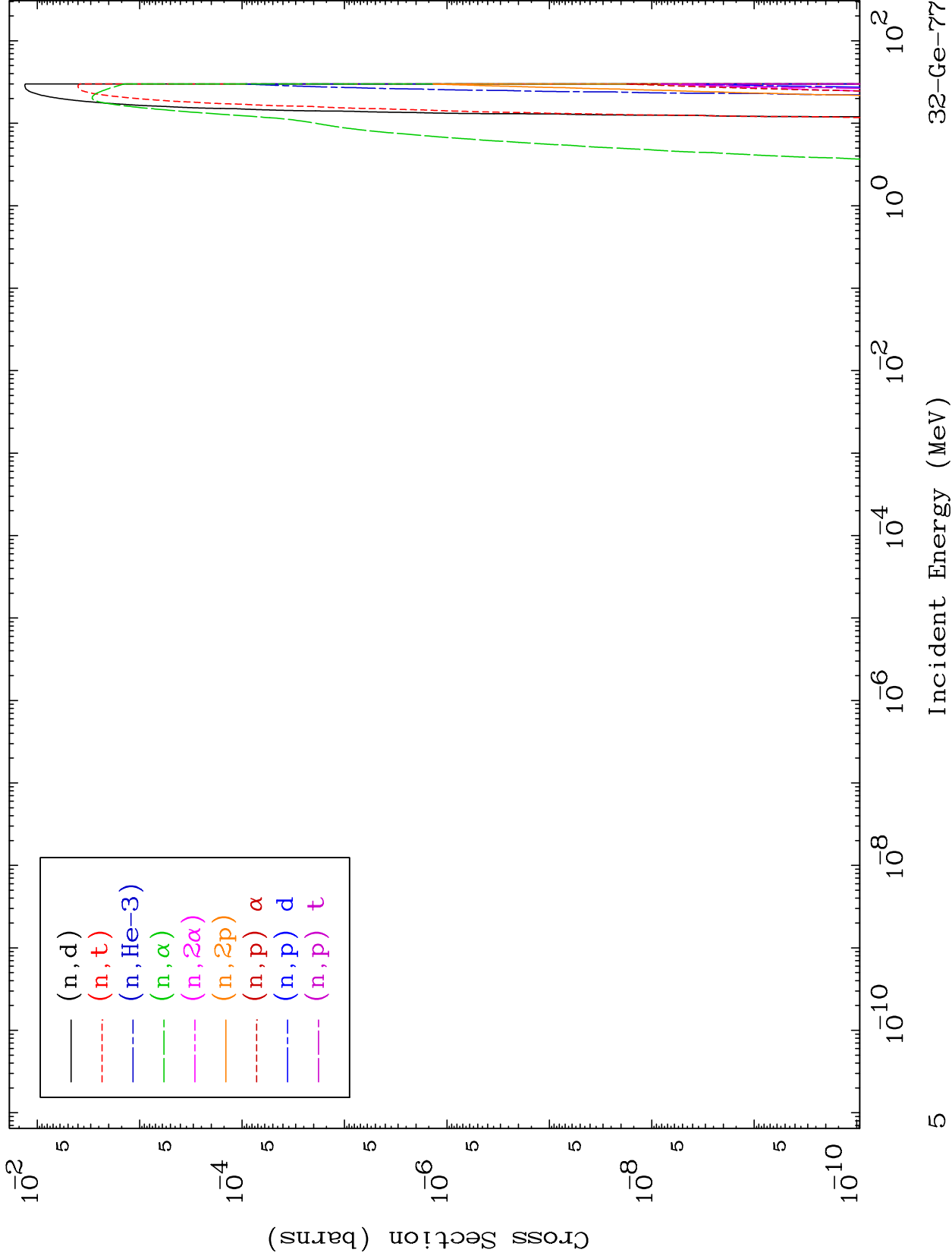
32-Ge-77



MAT 3246

Charged Particle
293 Kelvin Cross Sections

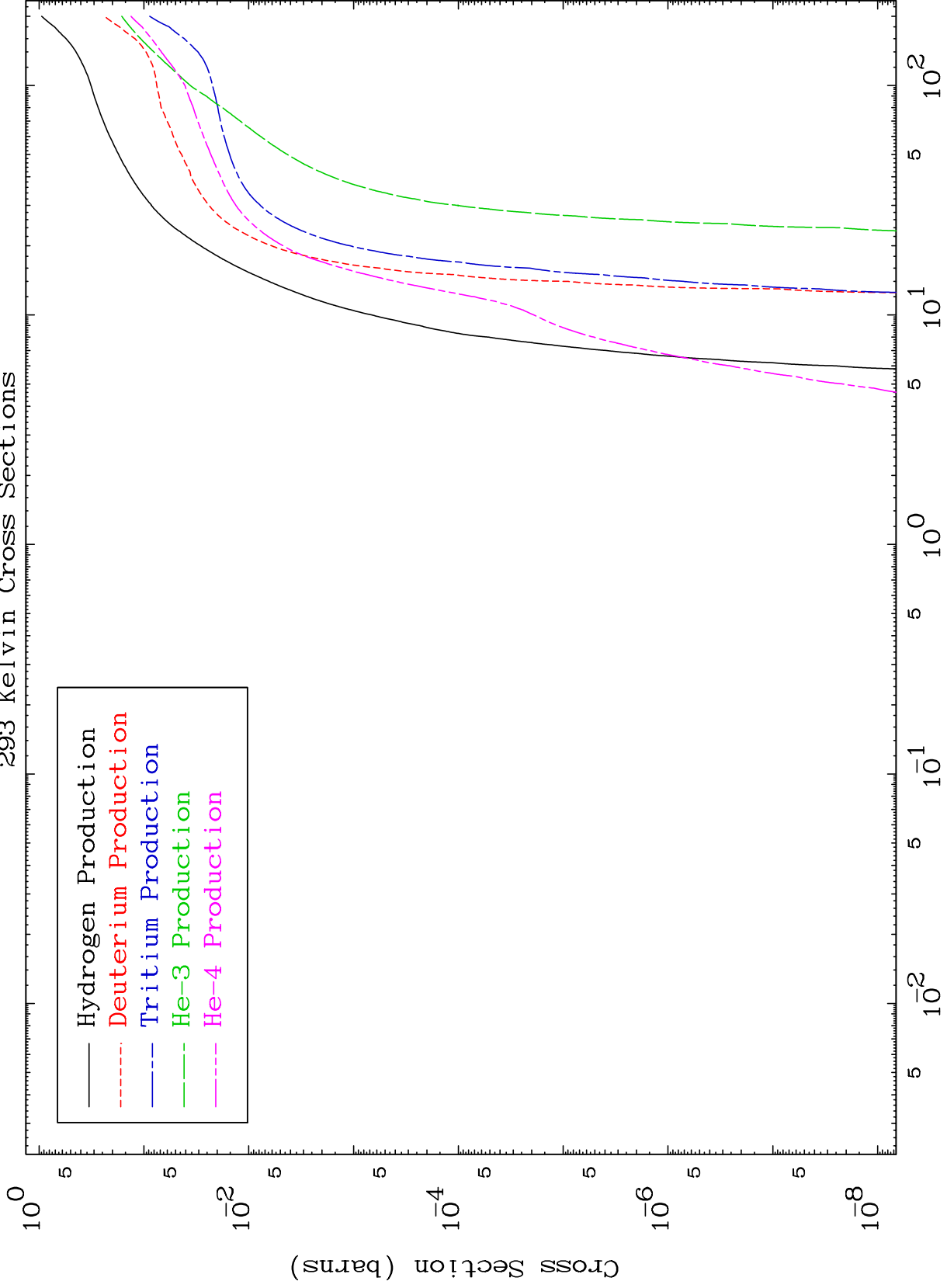
32-Ge-77



MAT 3246

Particle Production
293 Kelvin Cross Sections

32-Ge-77



6

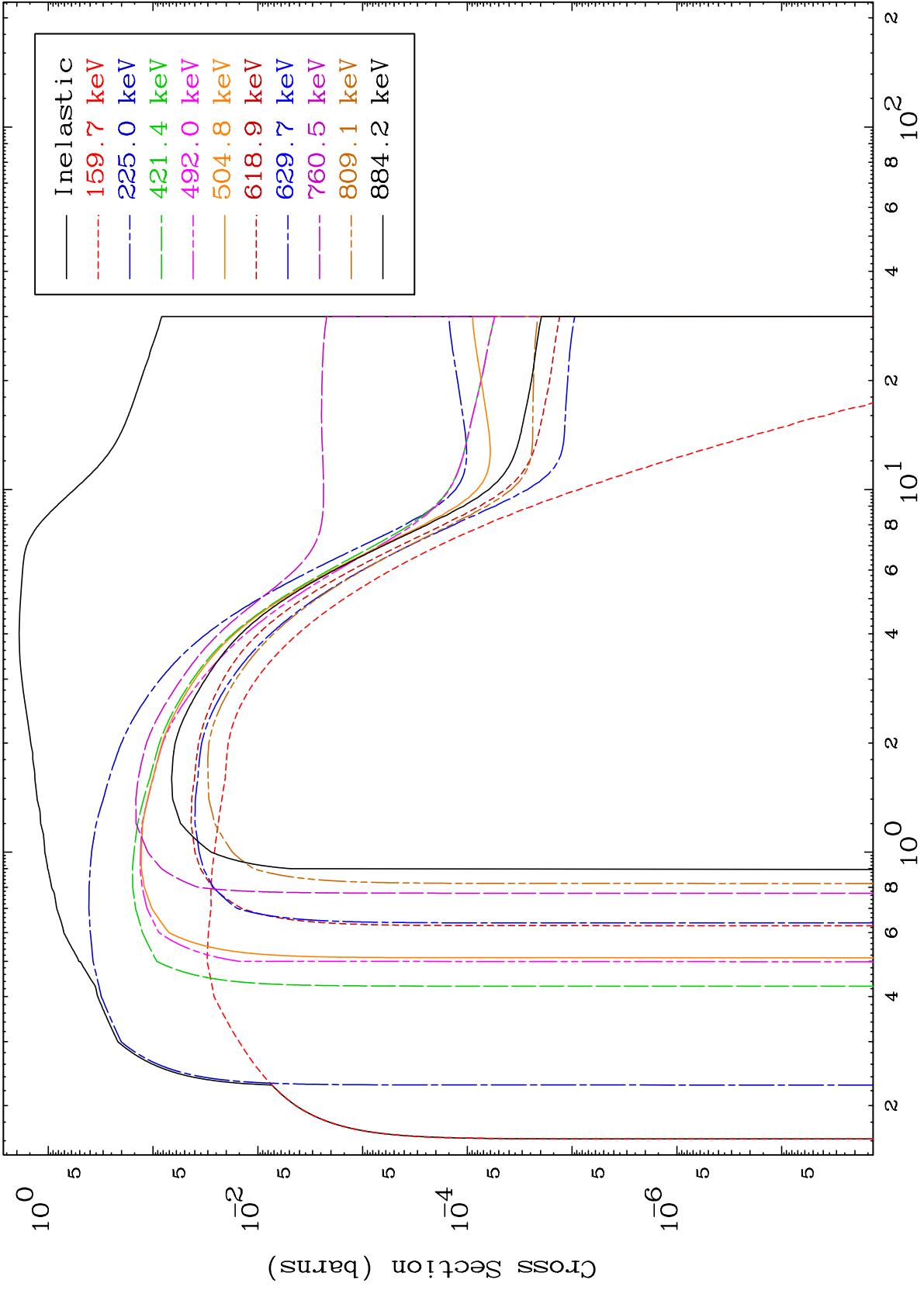
Incident Energy (MeV)

32-Ge-77

MAT 3246

(n,n') Level
293 Kelvin Cross Sections

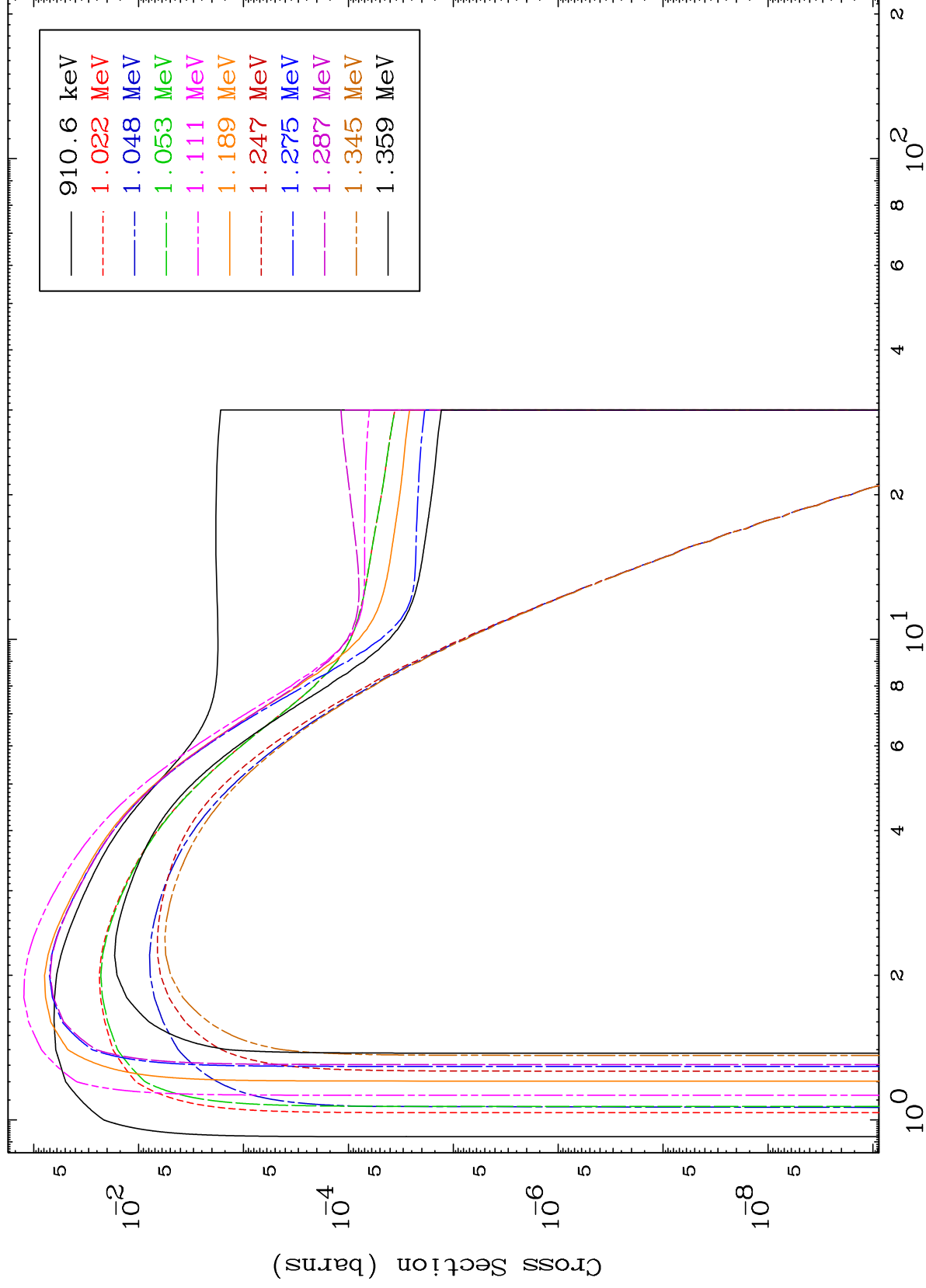
32-Ge-77



MAT 3246

(n,n') Level
293 Kelvin Cross Sections

32-Ge-77



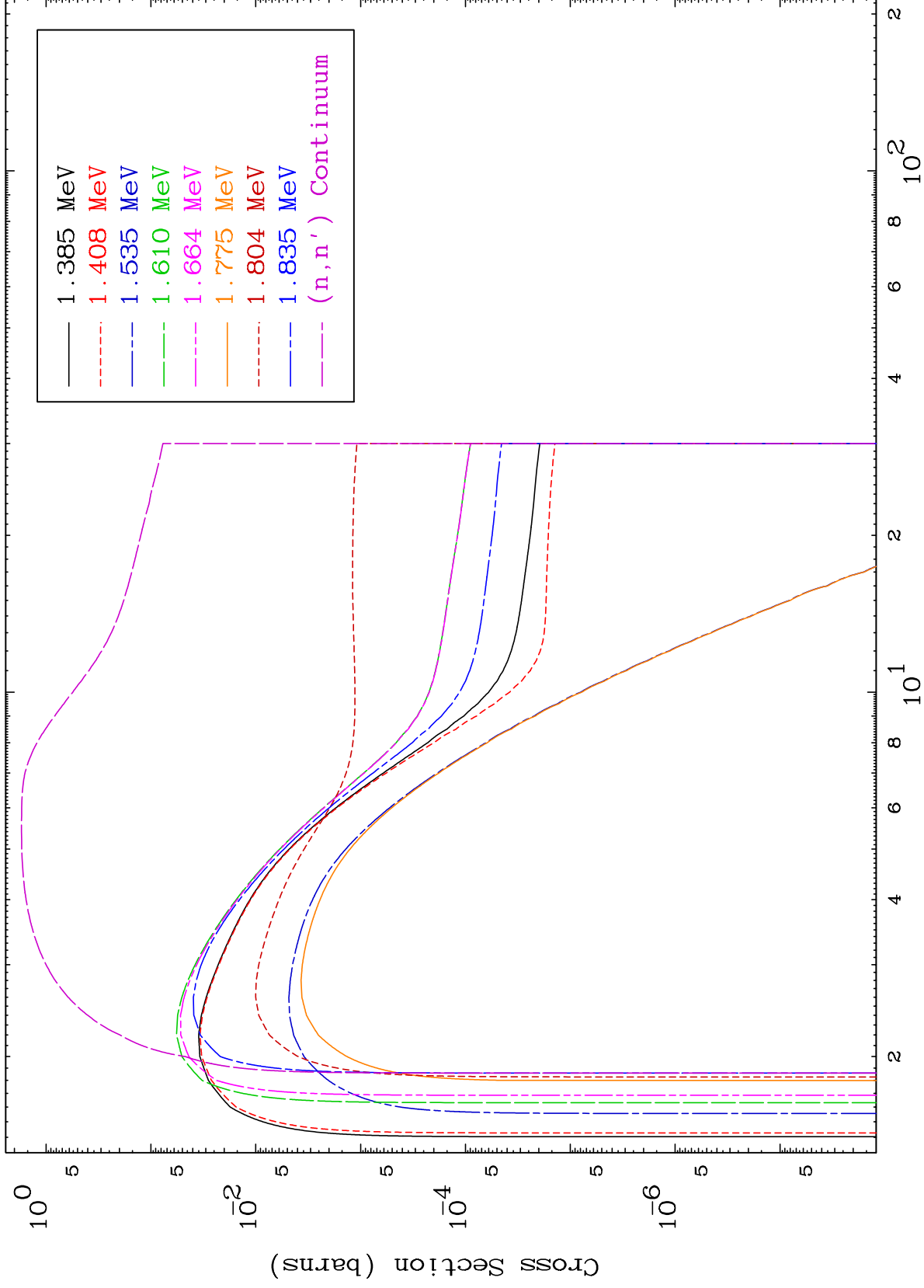
Incident Energy (MeV)

32-Ge-77

MAT 3246

(n,n') Level
293 Kelvin Cross Sections

32-Ge-77



9

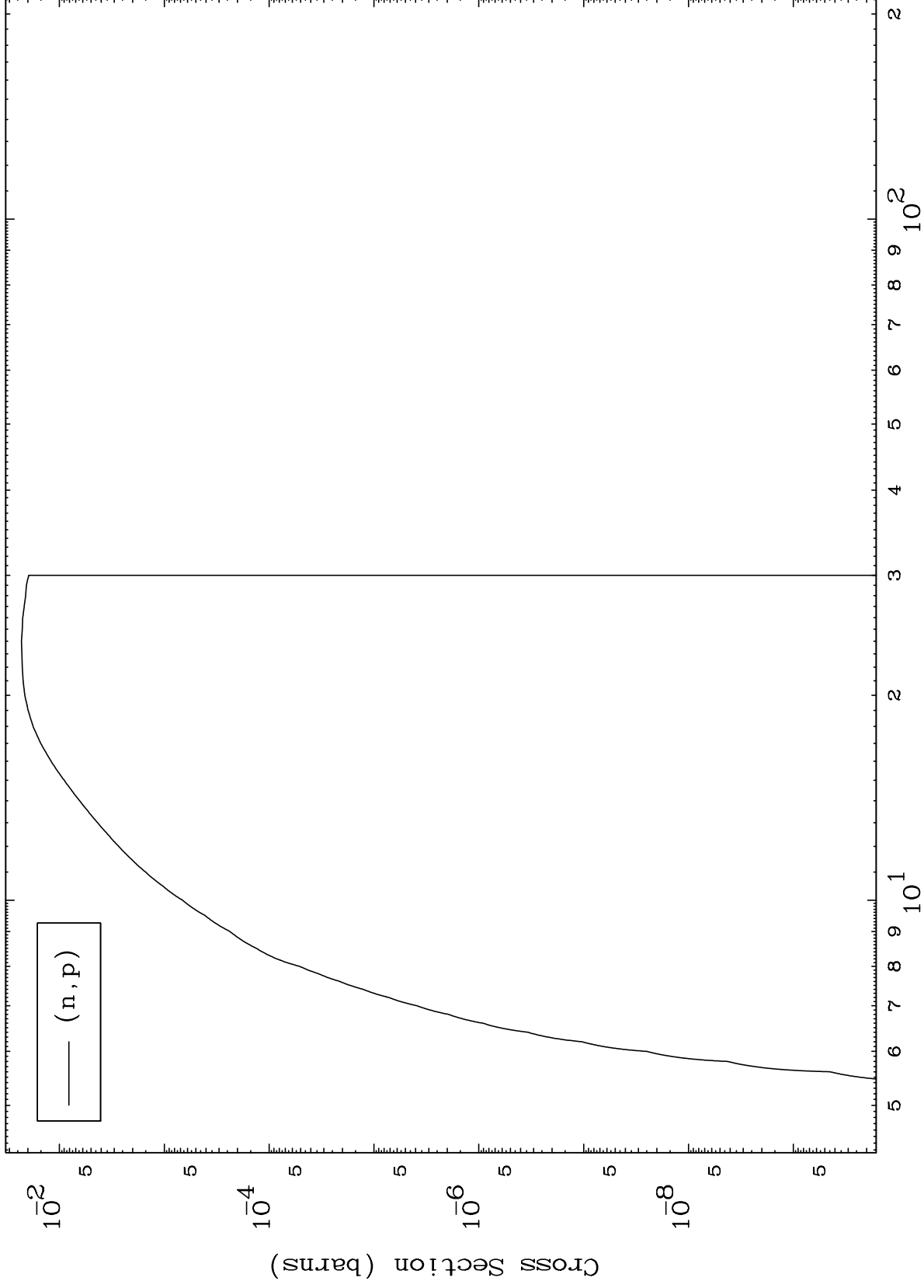
Incident Energy (MeV)

32-Ge-77

MAT 3246

(n,p) Levels
293 Kelvin Cross Sections

32-Ge-77



10

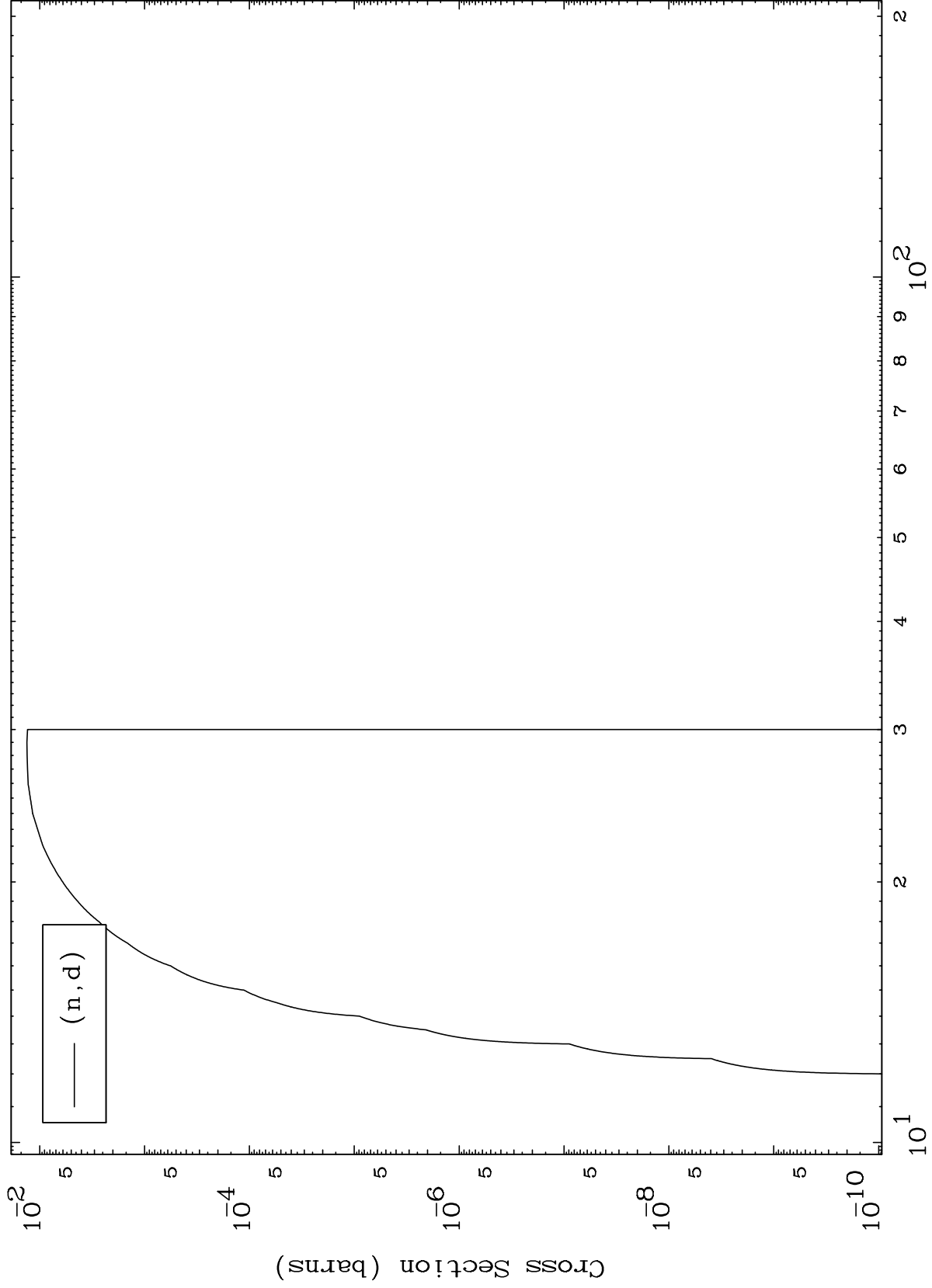
Incident Energy (MeV)

32-Ge-77

MAT 3246

(n,d) Levels
293 Kelvin Cross Sections

³²Ge-77



Incident Energy (MeV)

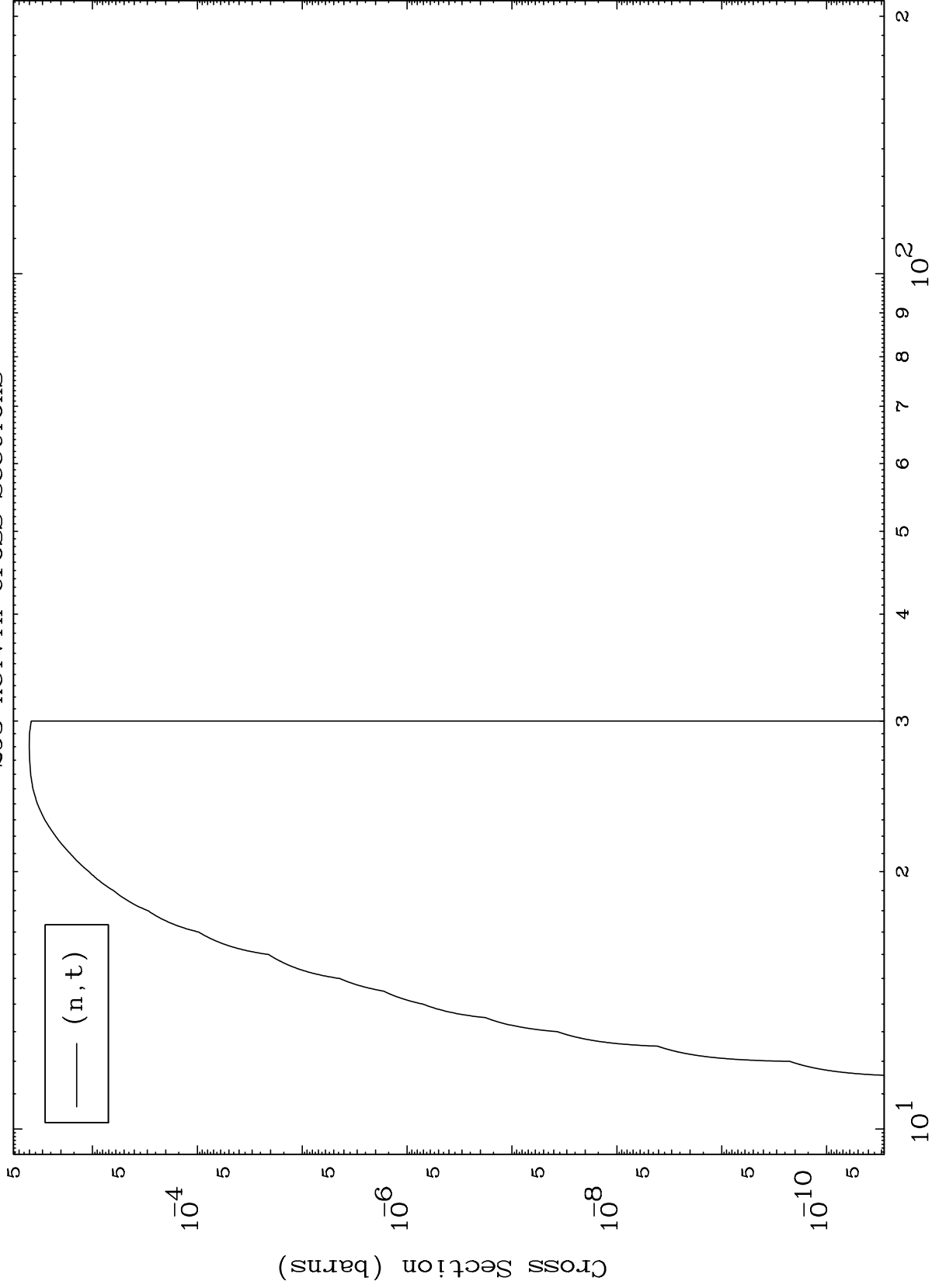
³²Ge-77

11

MAT 3246

(n,t) Levels
293 Kelvin Cross Sections

32-Ge-77



Incident Energy (MeV)

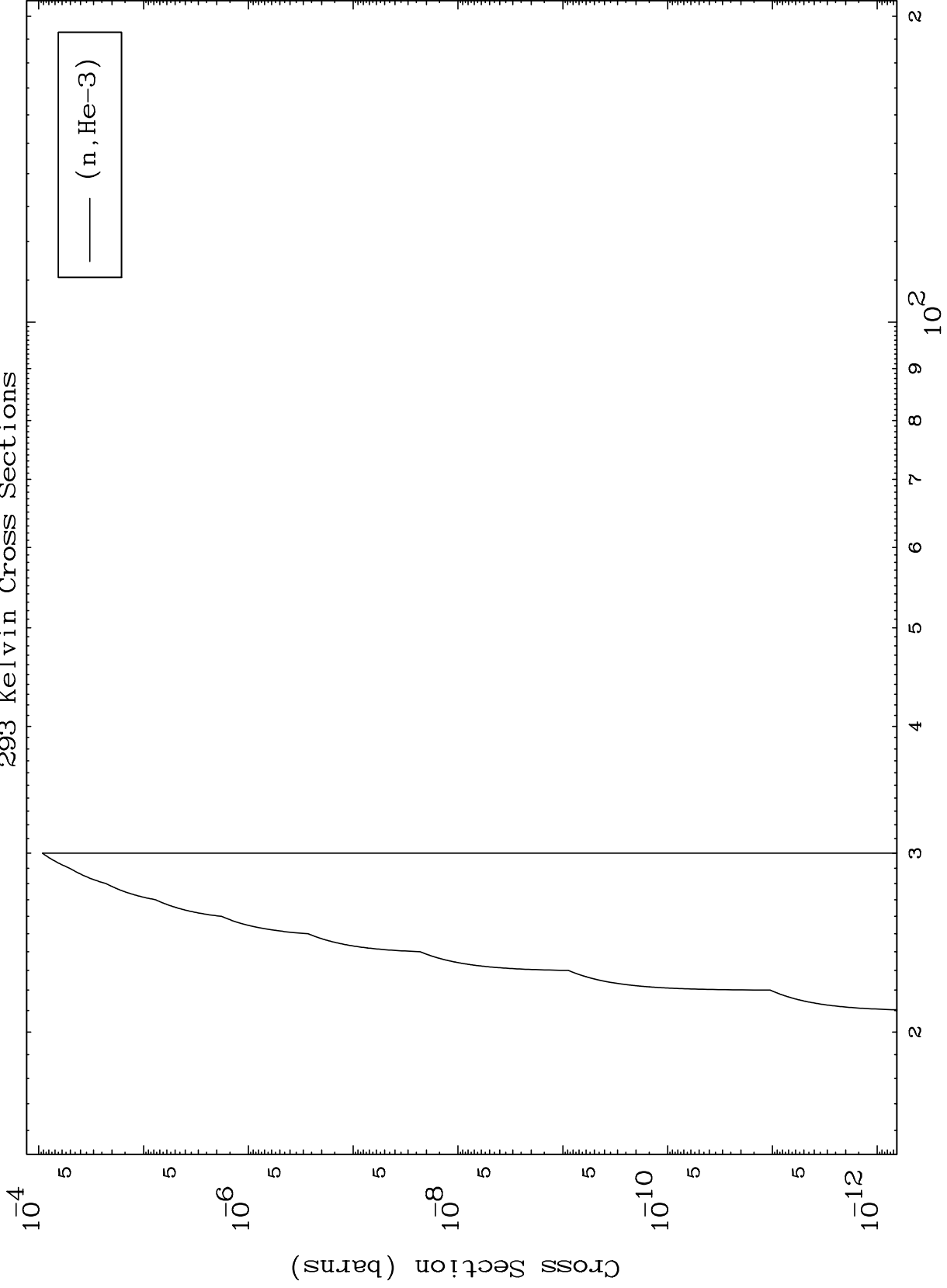
32-Ge-77

12

MAT 3246

(n,He3) Levels
293 Kelvin Cross Sections

32-Ge-77



13

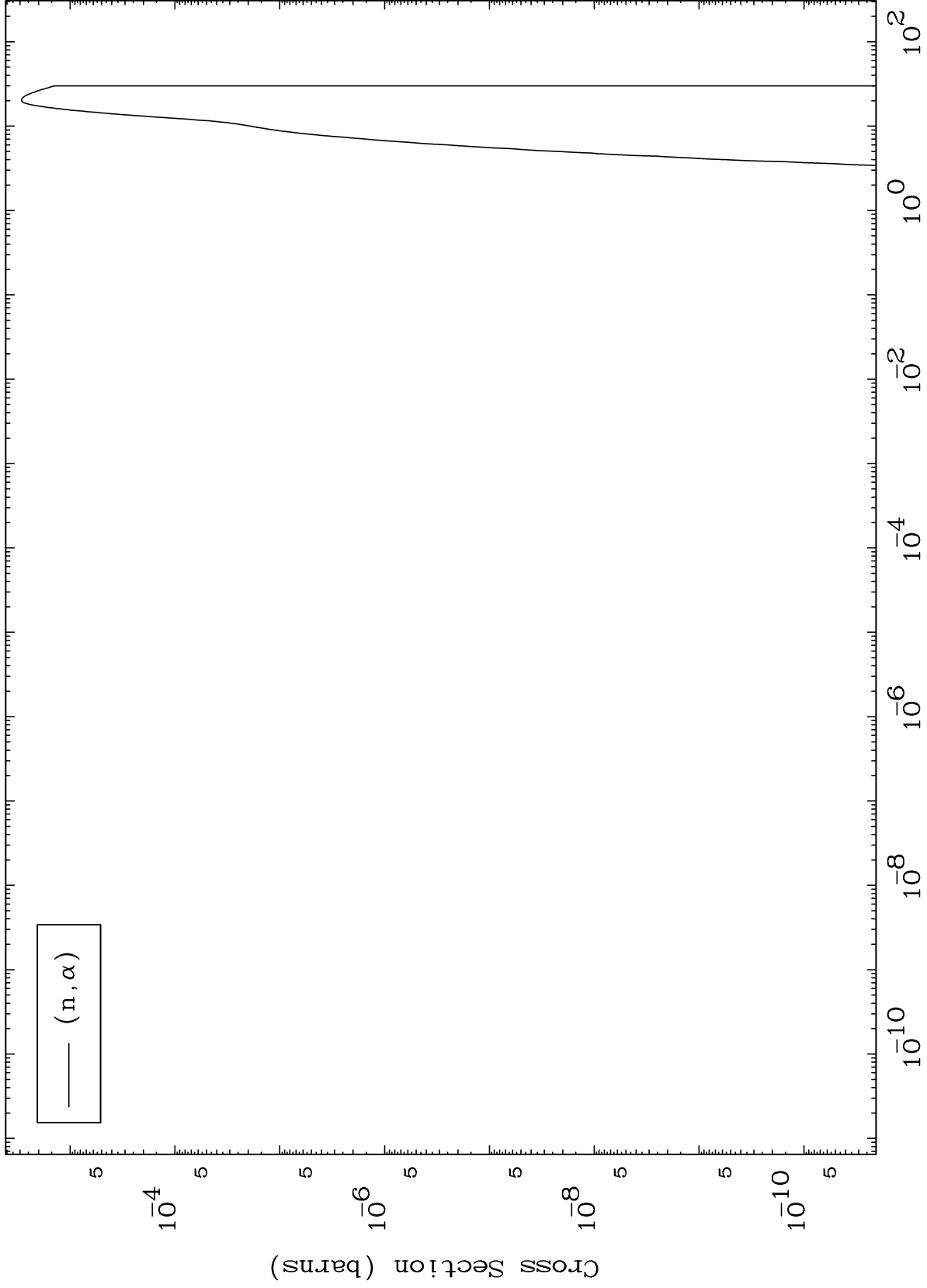
Incident Energy (MeV)

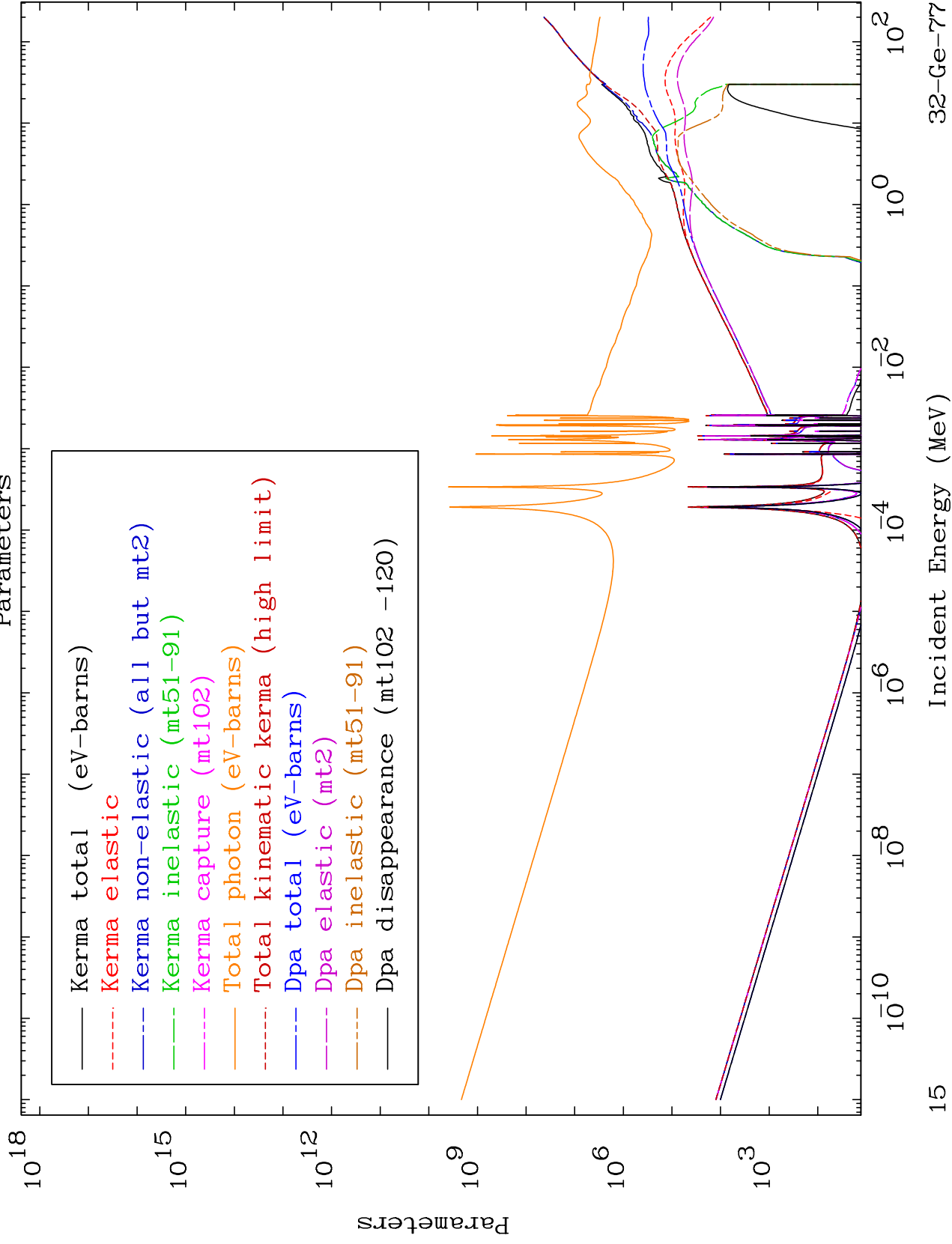
32-Ge-77

MAT 3246

(n, α) Levels
293 Kelvin Cross Sections

32-Ge-77

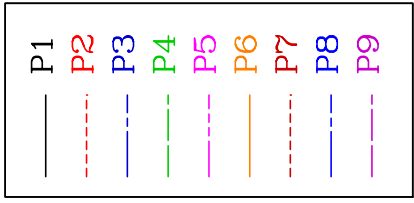
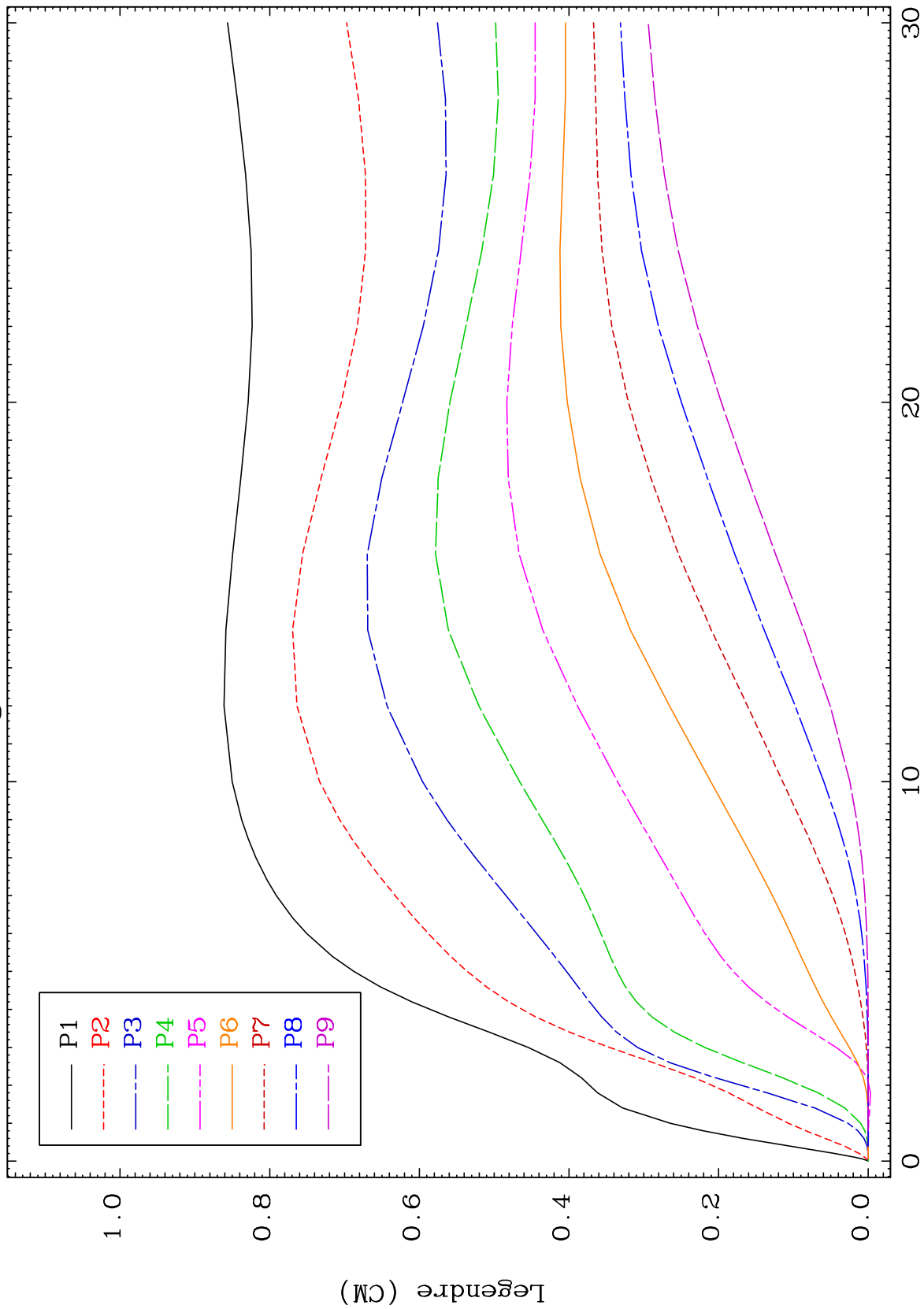




MAT 3246

Elastic Legendre Coefficients

³²Ge-77



16

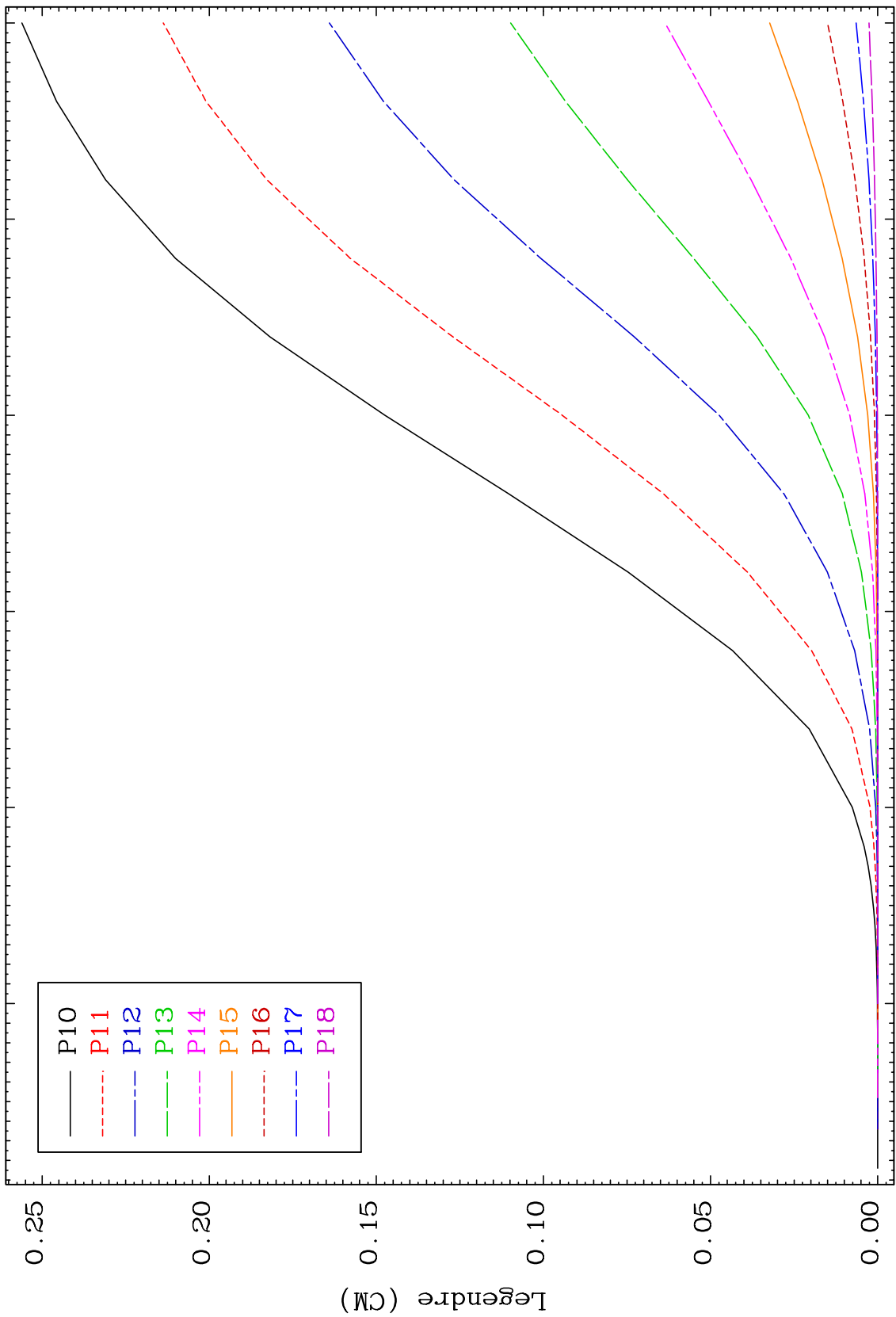
Incident Energy (MeV)

³²Ge-77

MAT 3246

Elastic Legendre Coefficients

³²Ge-77



17

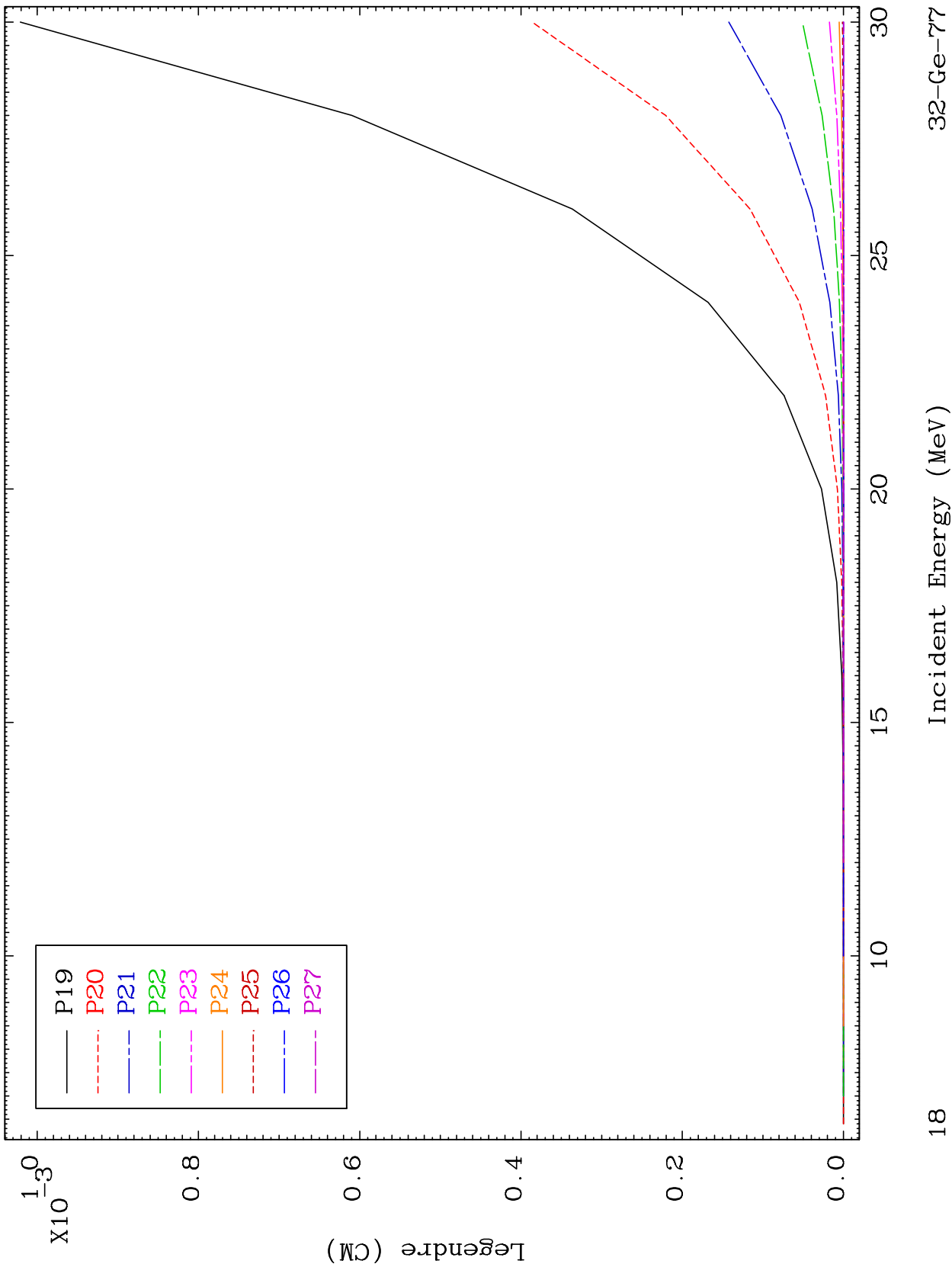
³²Ge-77

Incident Energy (MeV)

MAT 3246

Elastic Legendre Coefficients

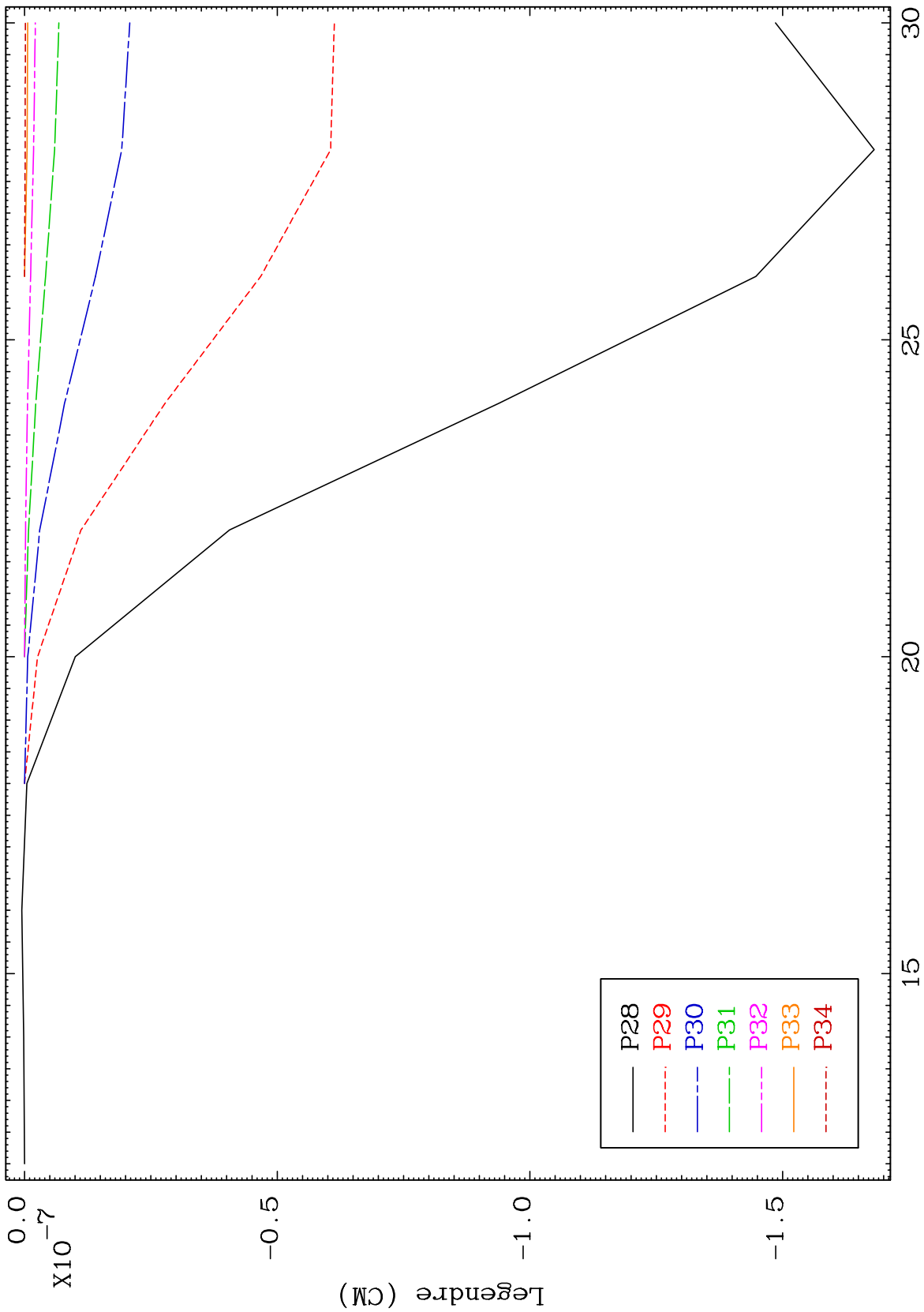
³²Ge-77



MAT 3246

32-Ge-77

Elastic Legendre Coefficients



19

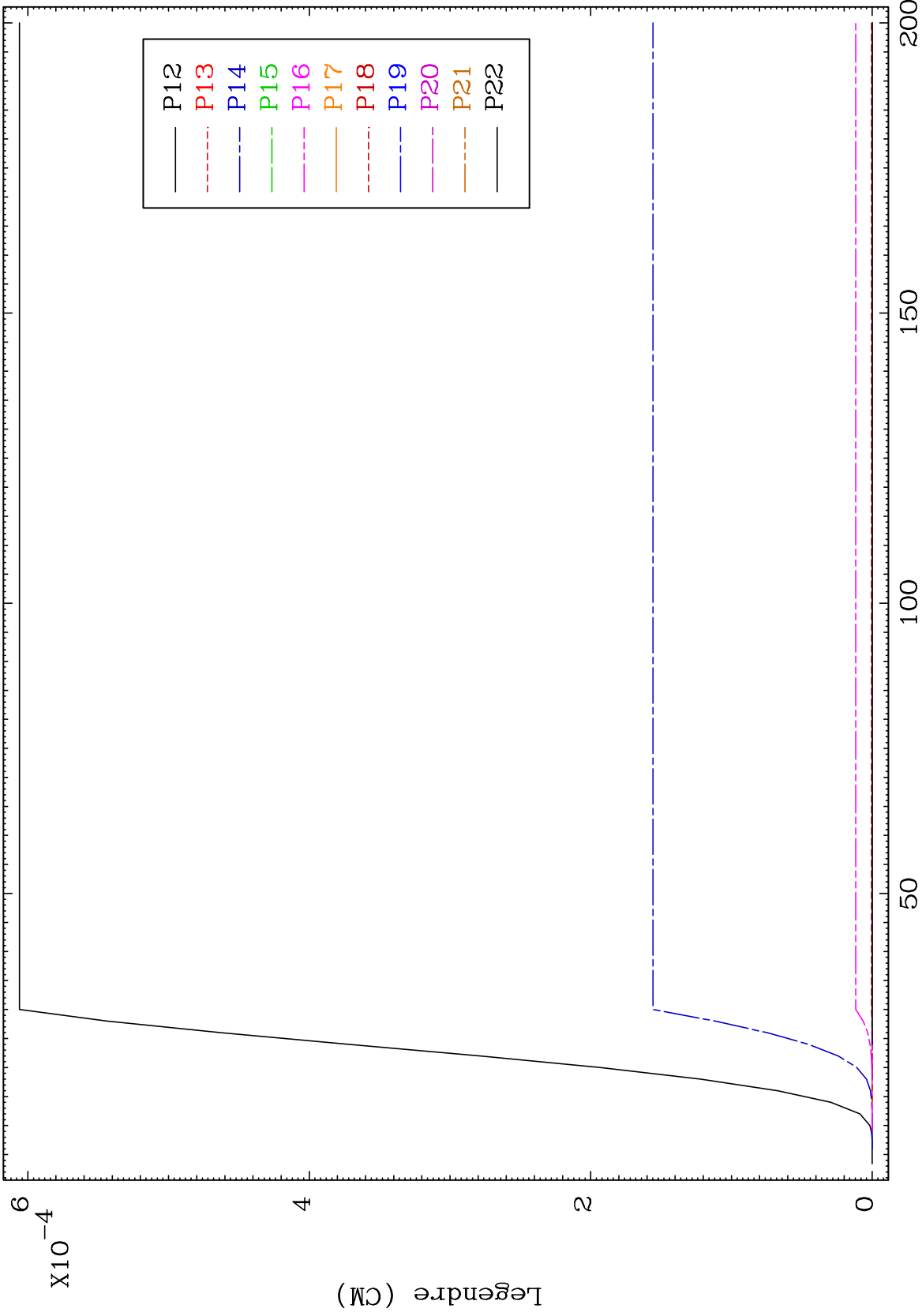
Incident Energy (MeV)

32-Ge-77

MAT 3246

159.7 keV (n,n') Level
Legendre Coefficients

32-Ge-77



21

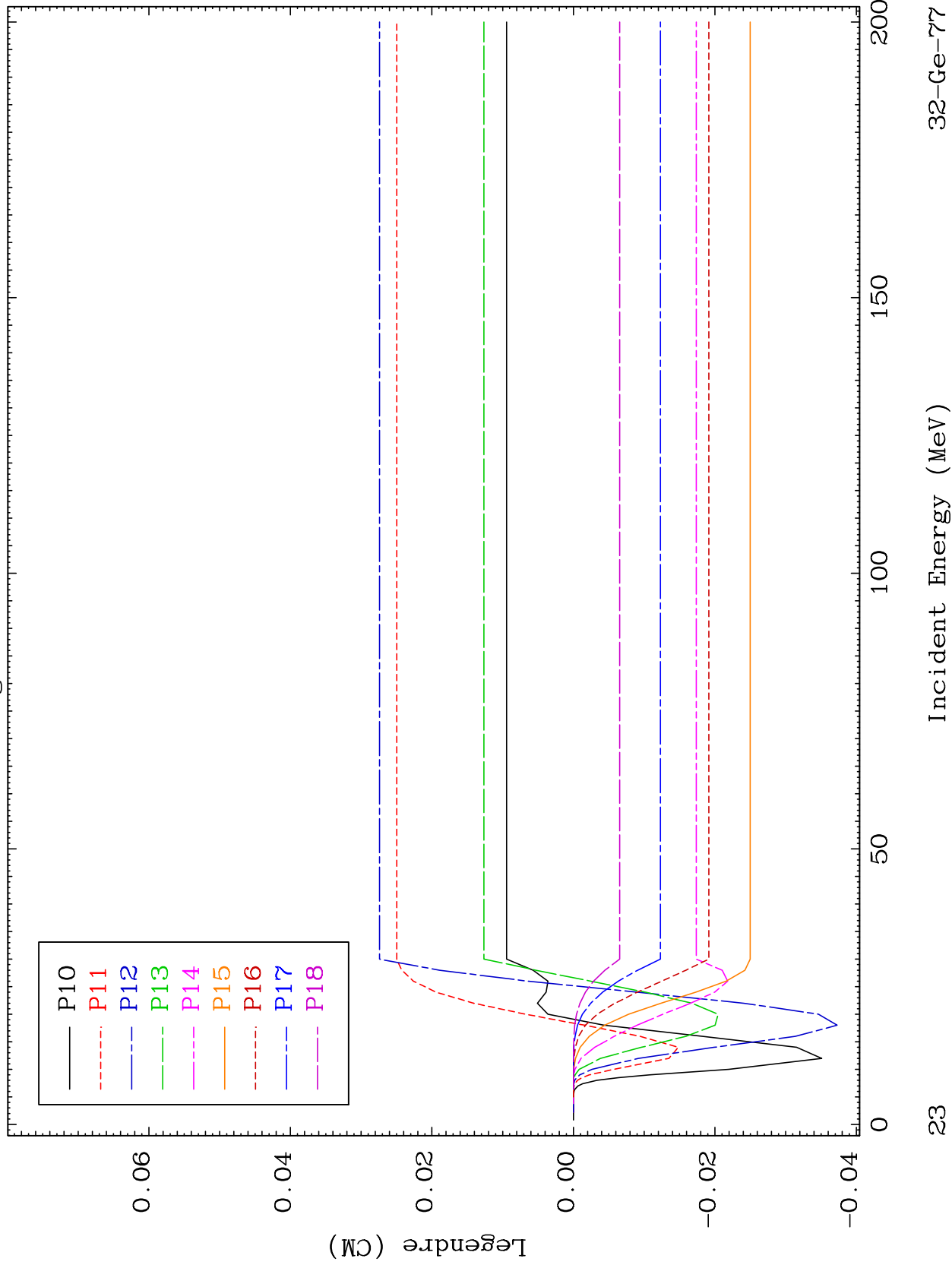
Incident Energy (MeV)

32-Ge-77

MAT 3246

225.0 keV (n,n') Level
Legendre Coefficients

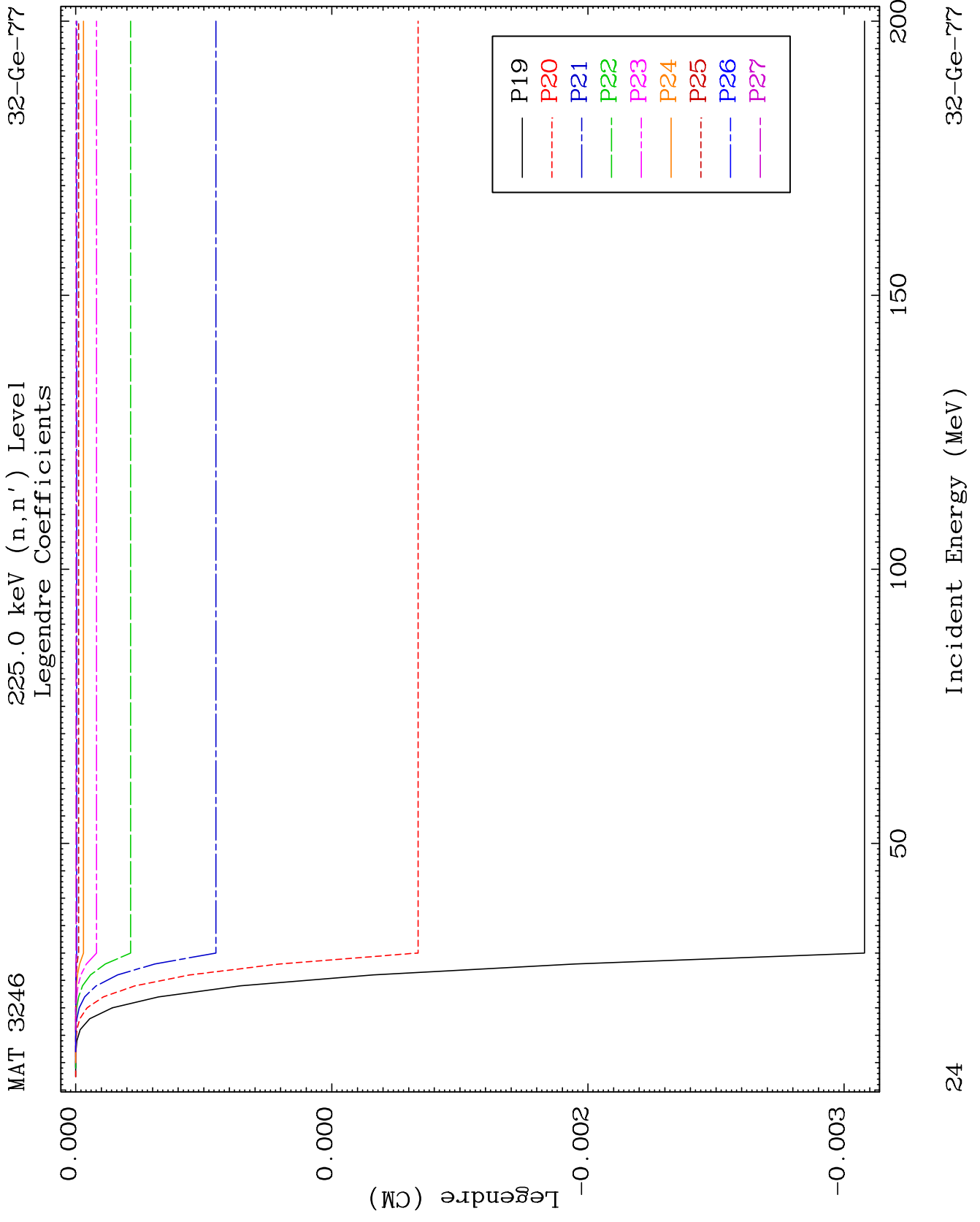
32-Ge-77

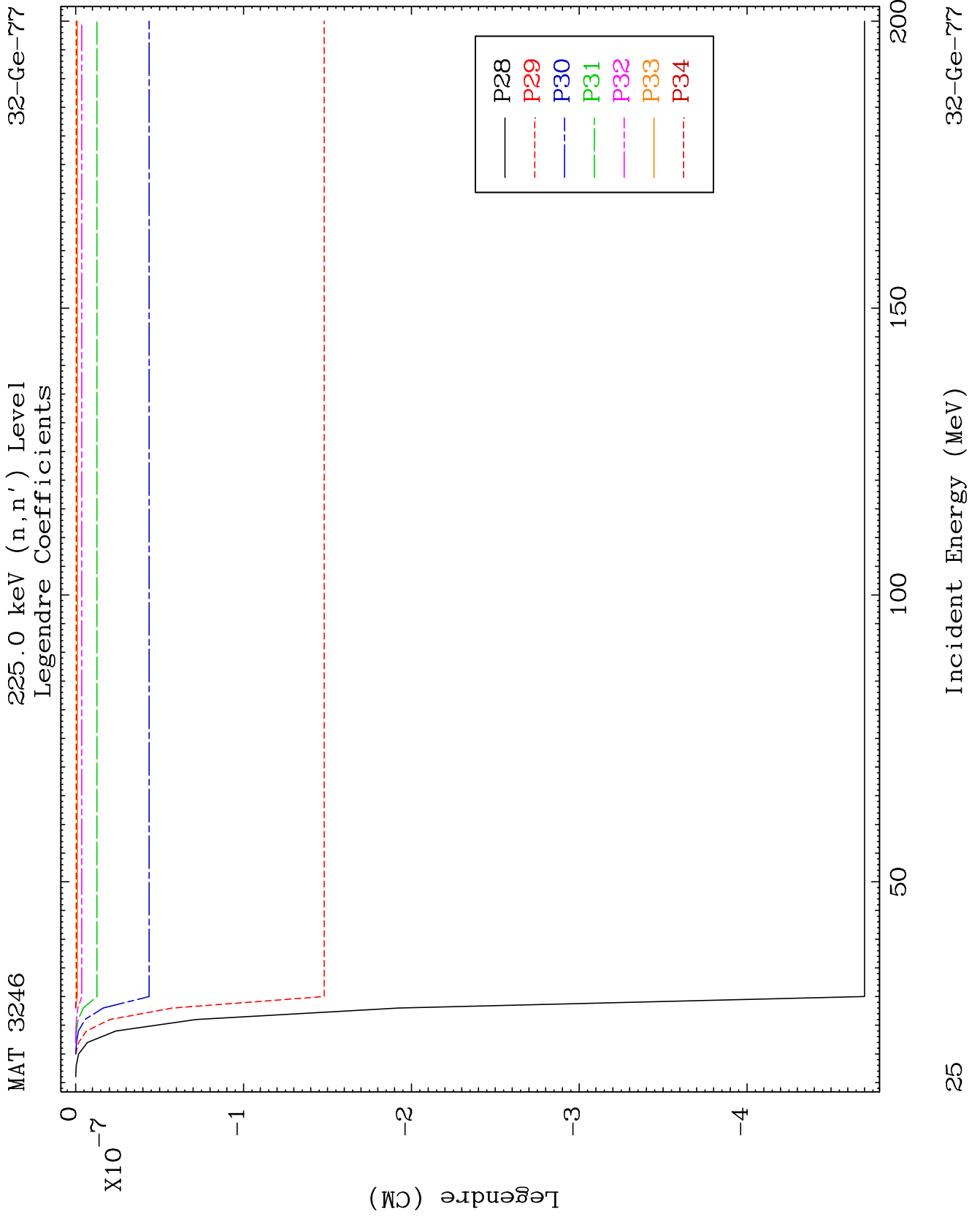


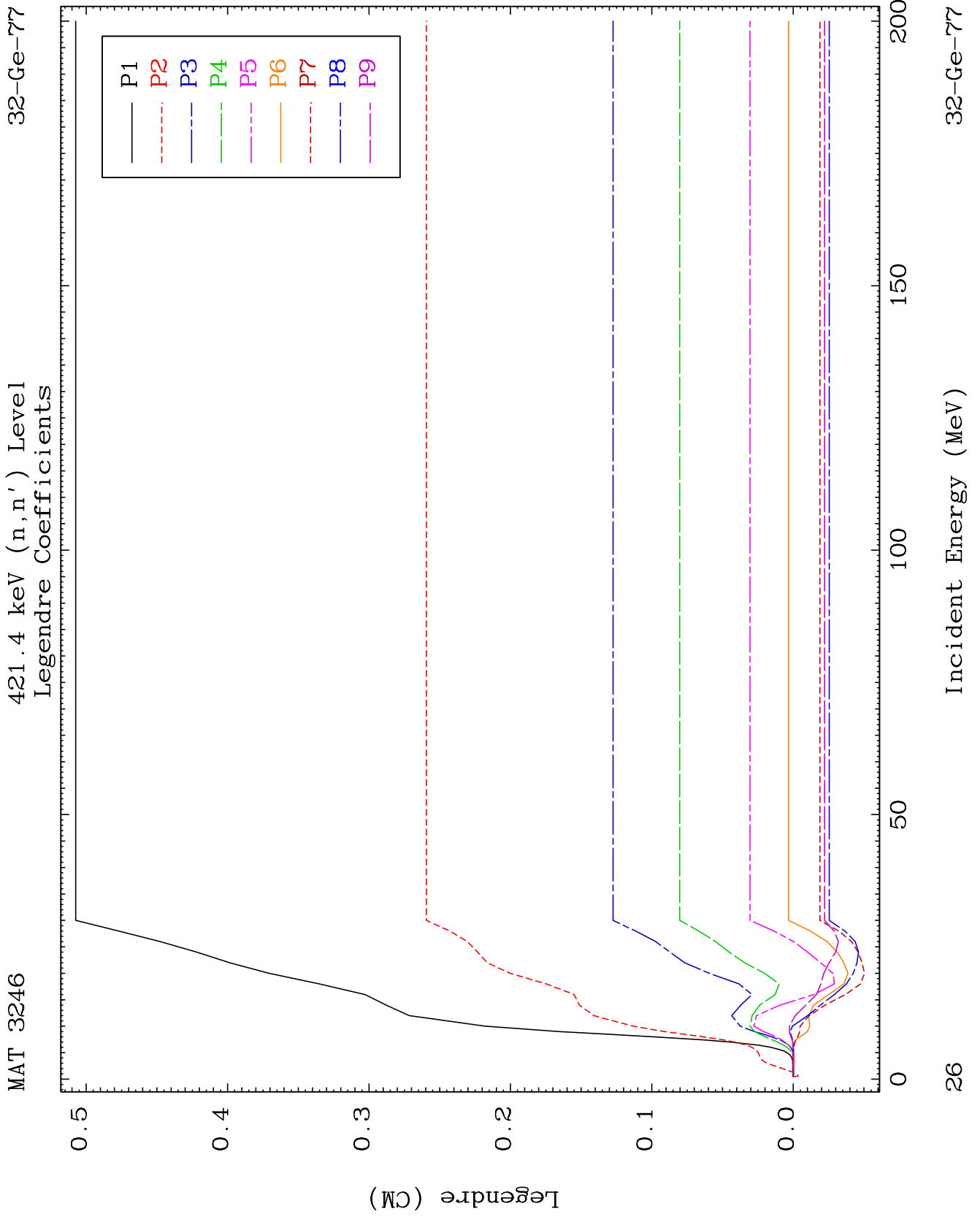
23

Incident Energy (MeV)

32-Ge-77



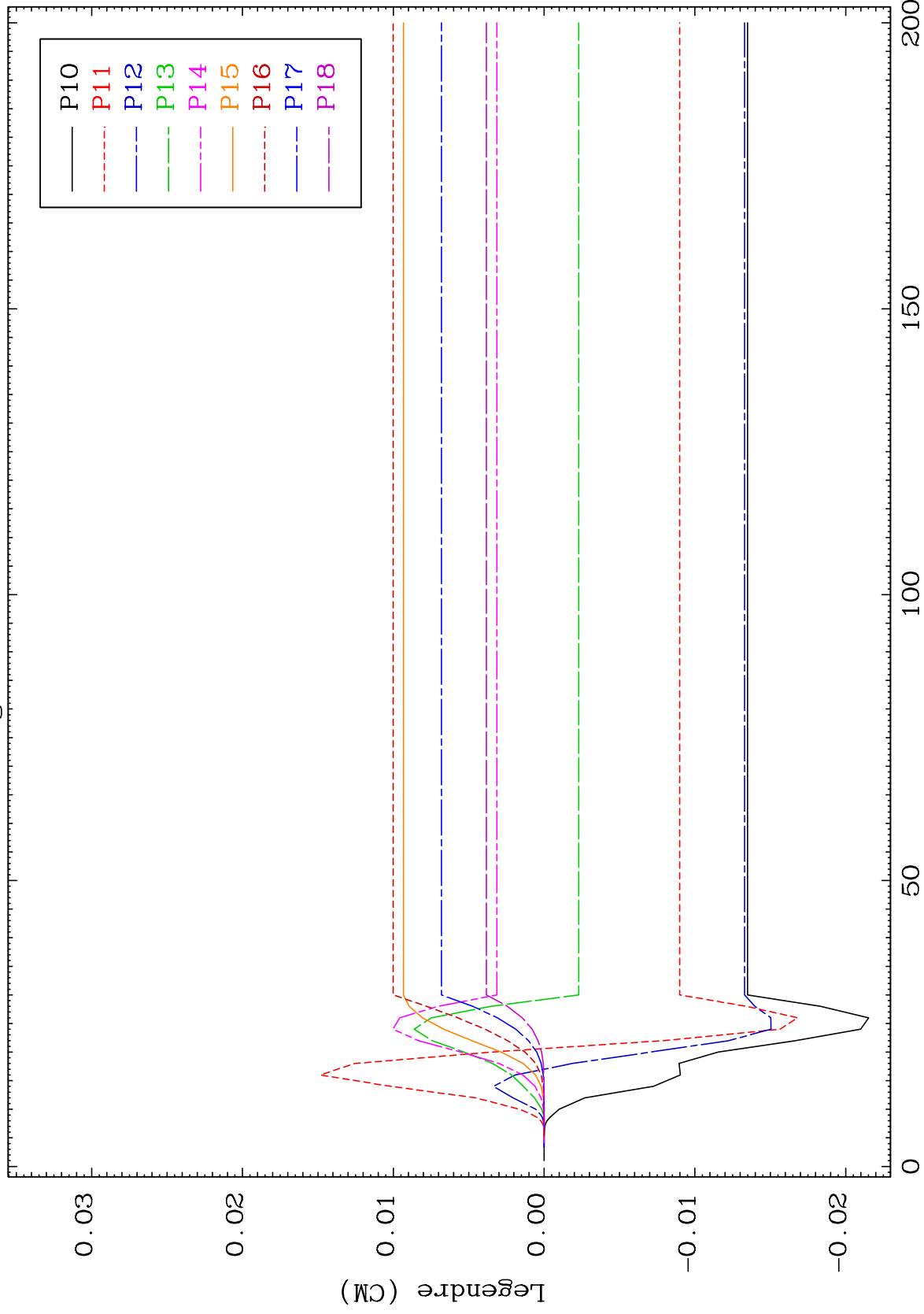




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421.4 keV (n,n') Level
Legendre Coefficients

32-Ge-77



27

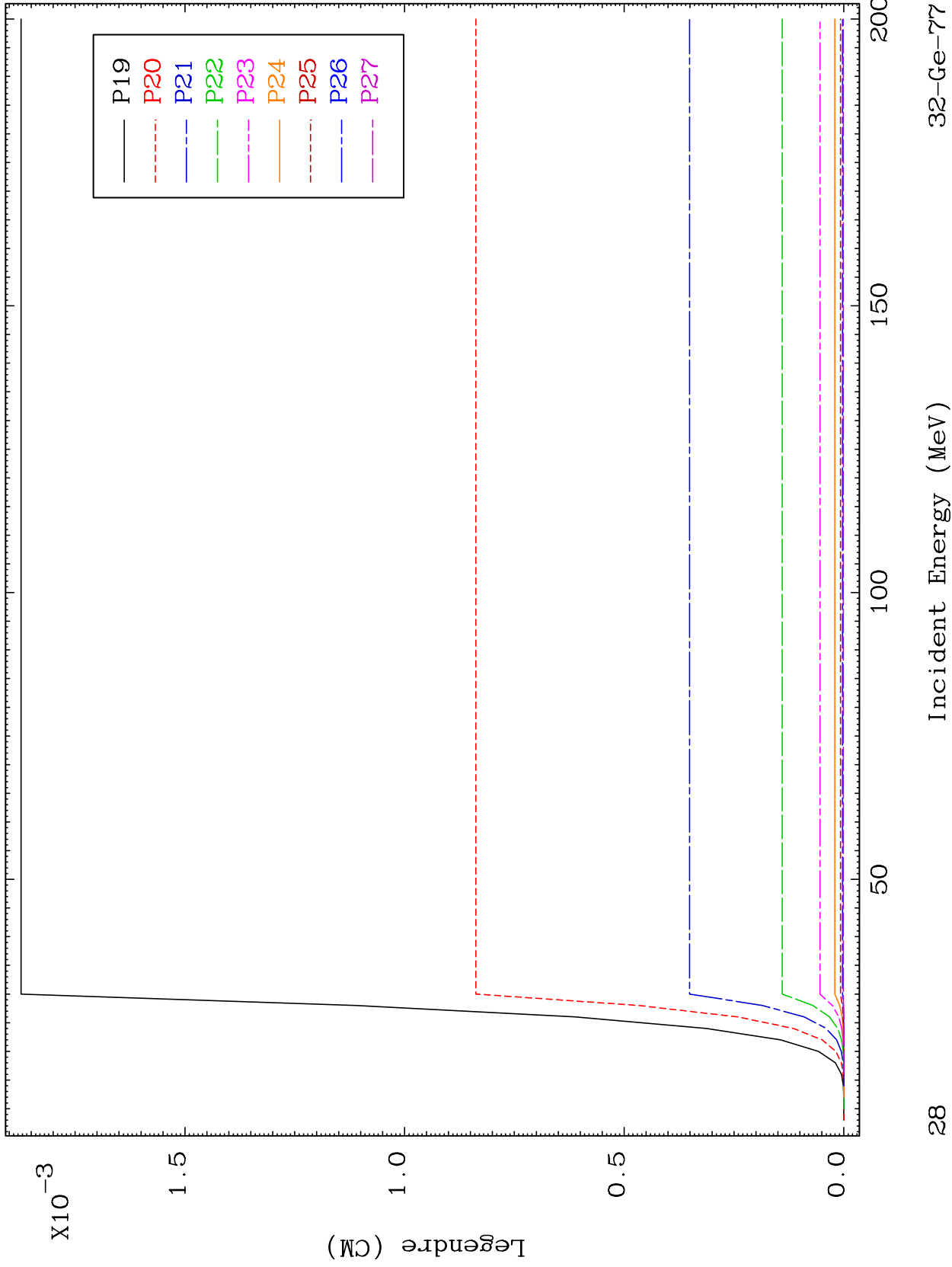
Incident Energy (MeV)

32-Ge-77

MAT 3246

421.4 keV (n,n') Level
Legendre Coefficients

32-Ge-77



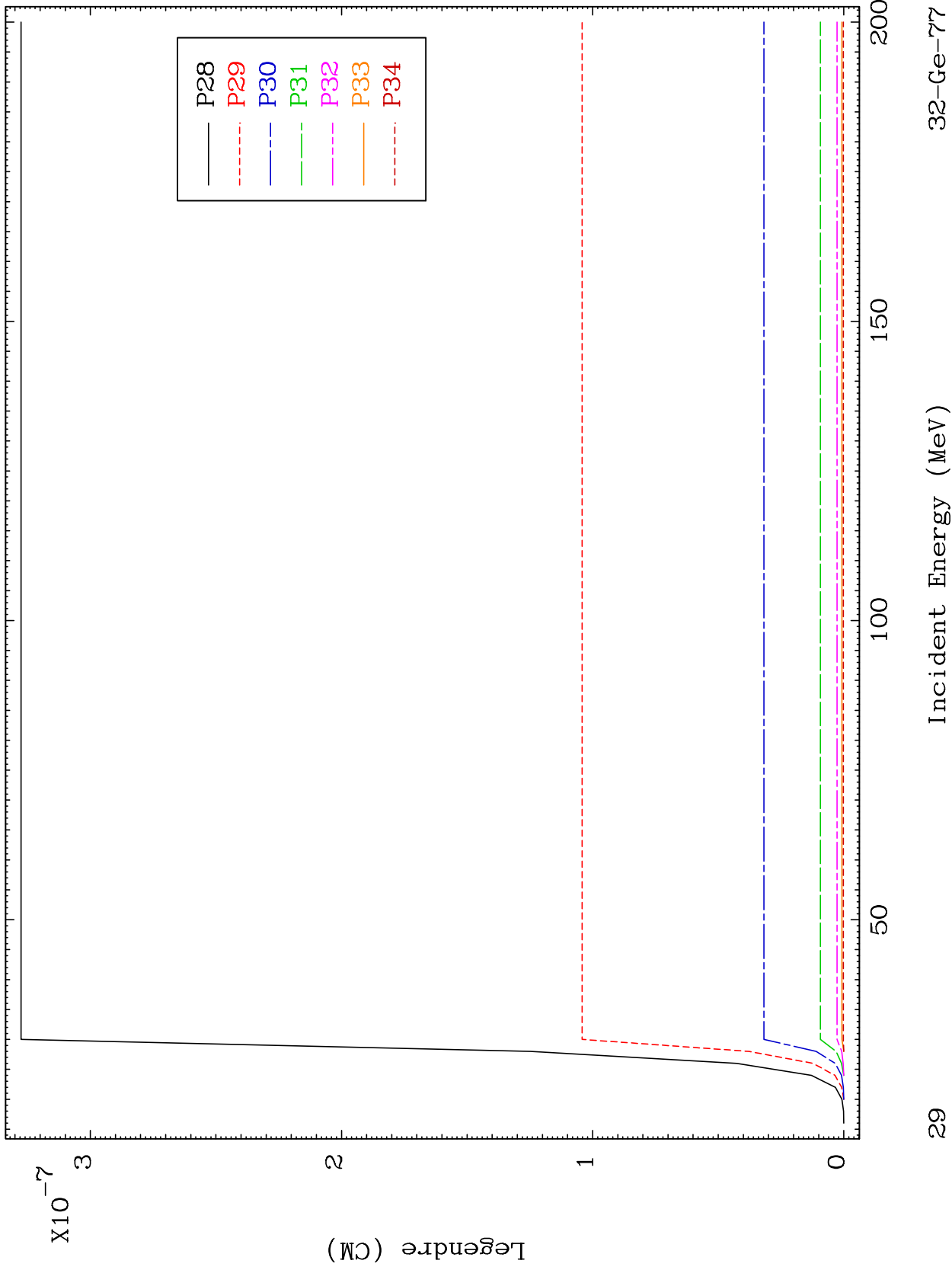
28

32-Ge-77

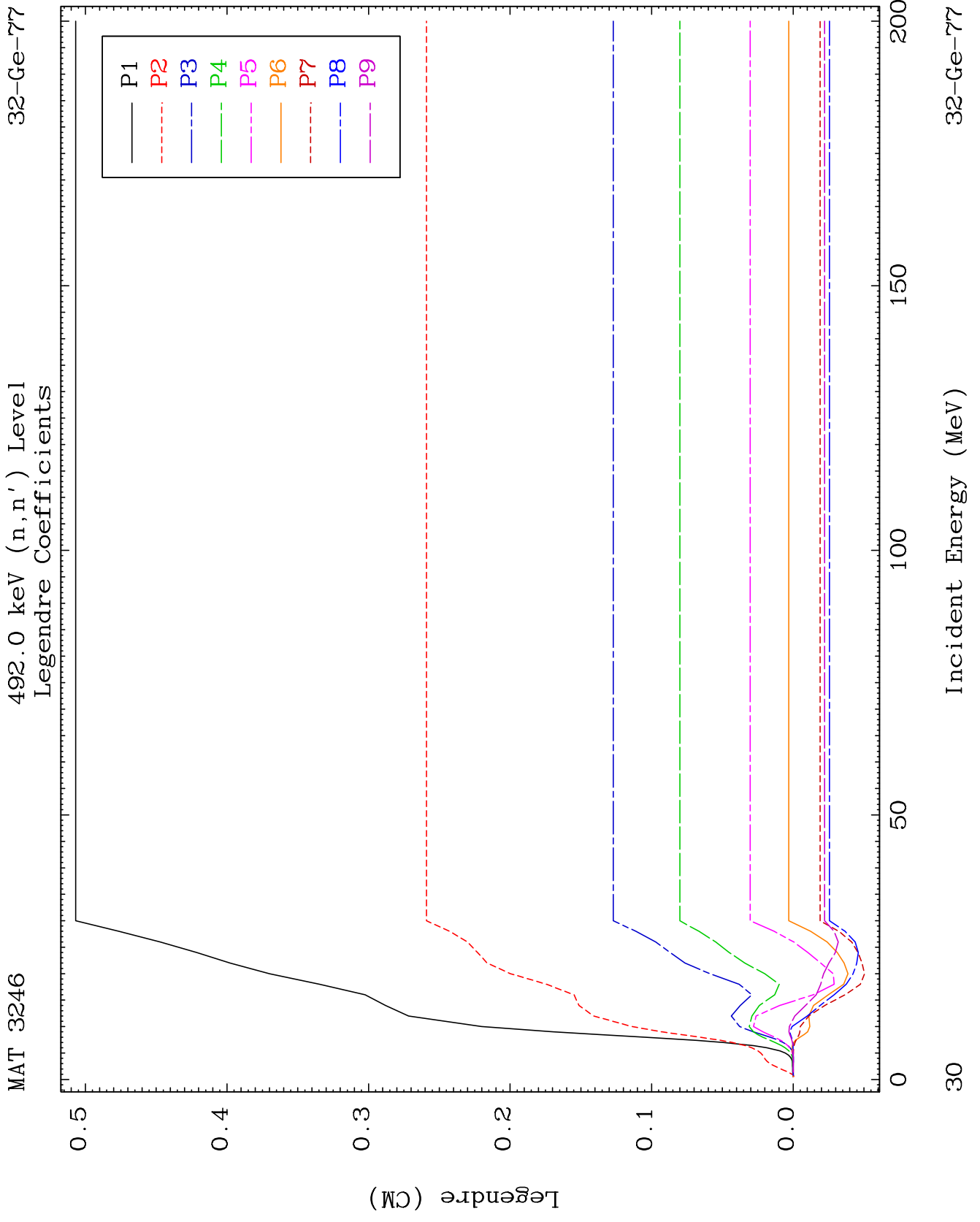
MAT 3246

421.4 keV (n,n') Level
Legendre Coefficients

32-Ge-77



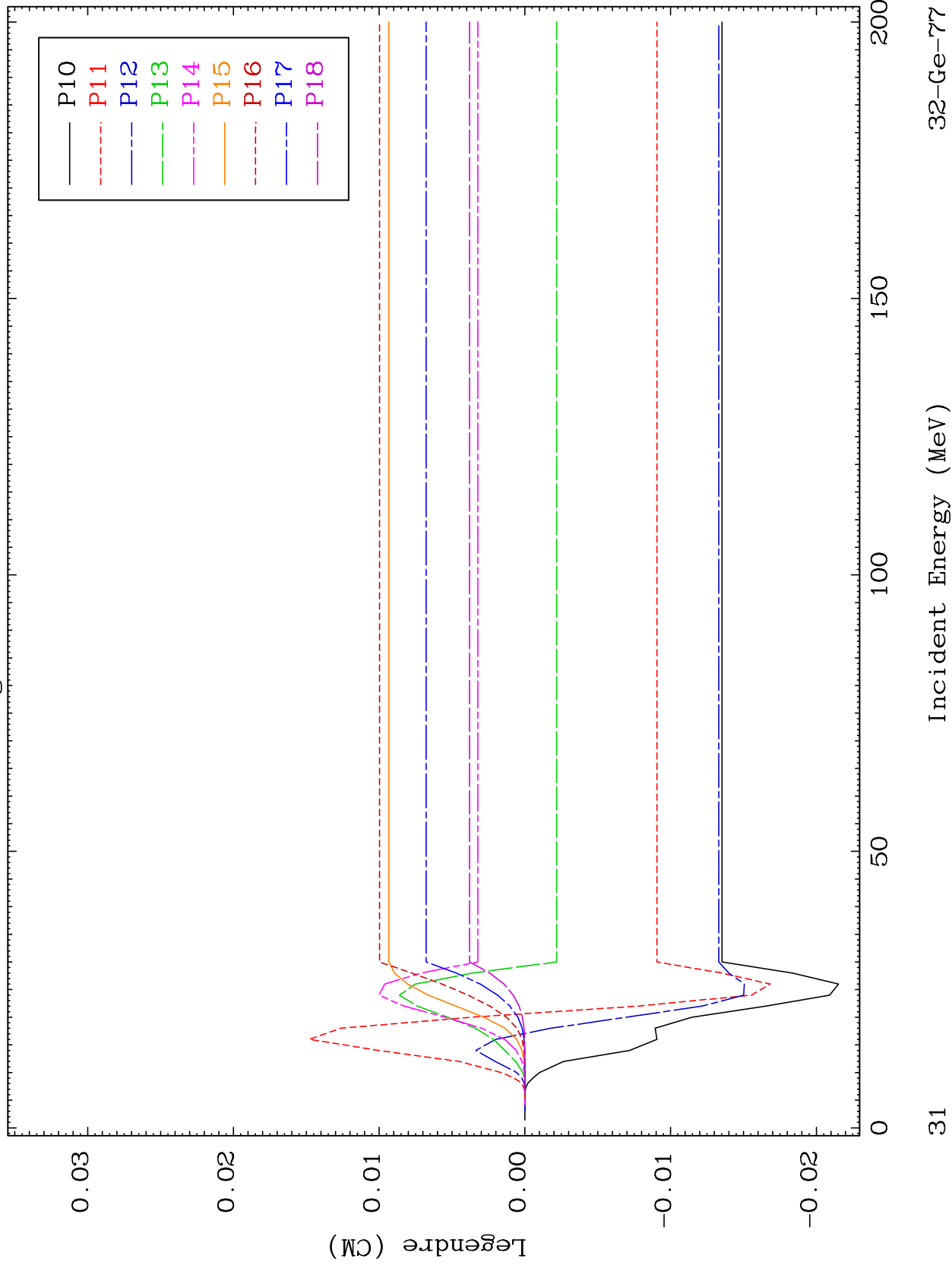
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MAT 3246

492.0 keV (n,n') Level
Legendre Coefficients

32-Ge-77



31

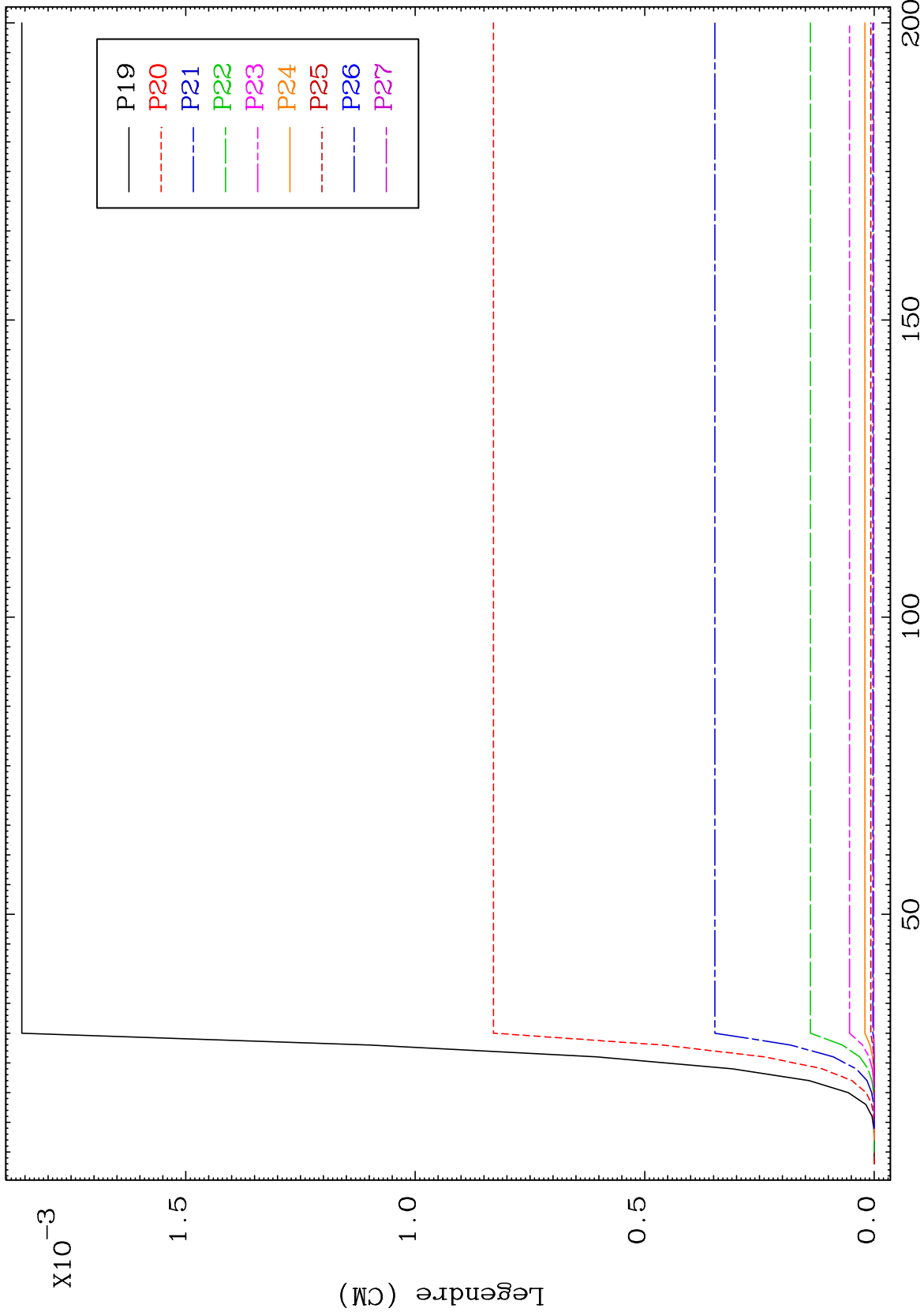
Incident Energy (MeV)

32-Ge-77

MAT 3246

492.0 keV (n,n') Level
Legendre Coefficients

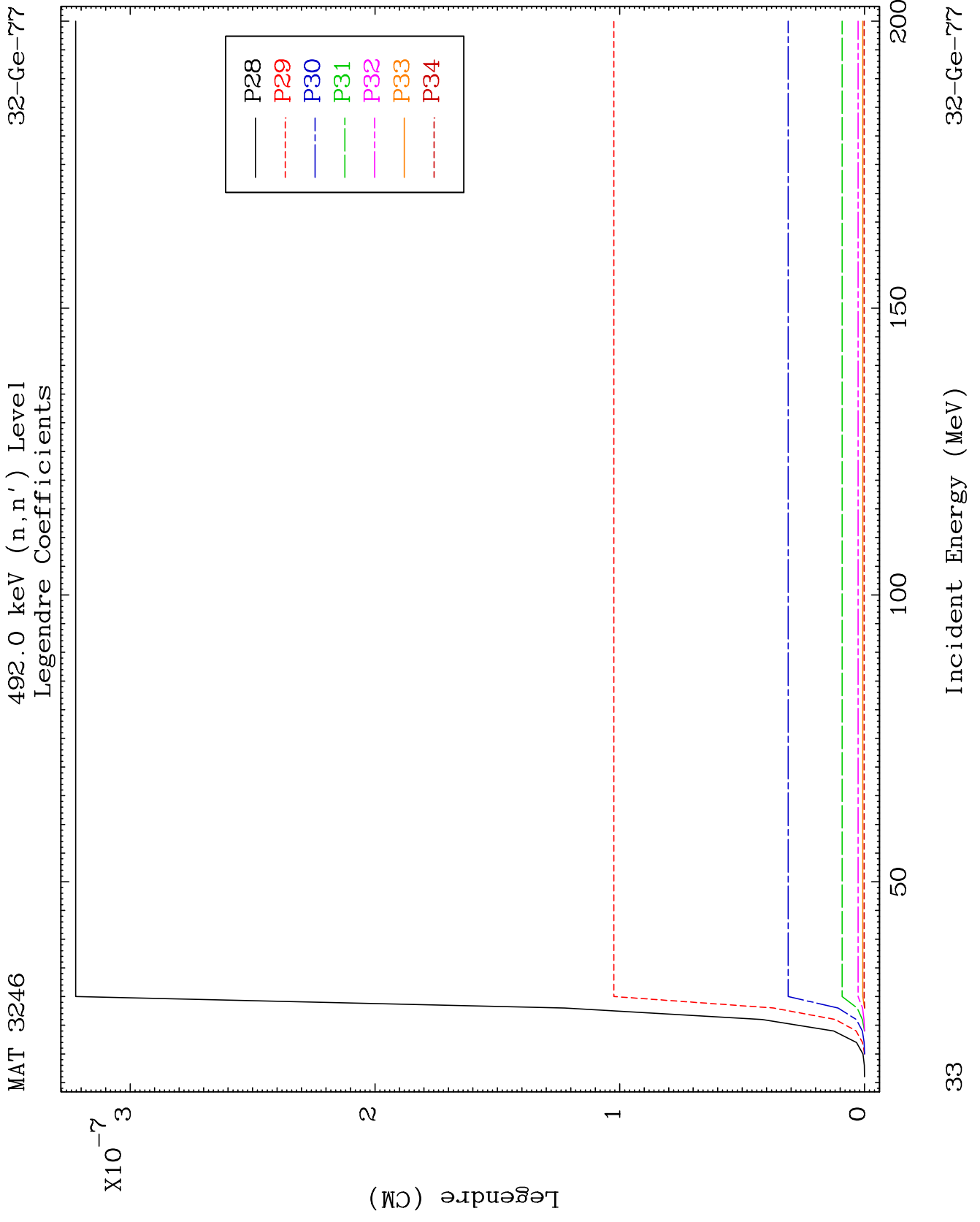
32-Ge-77

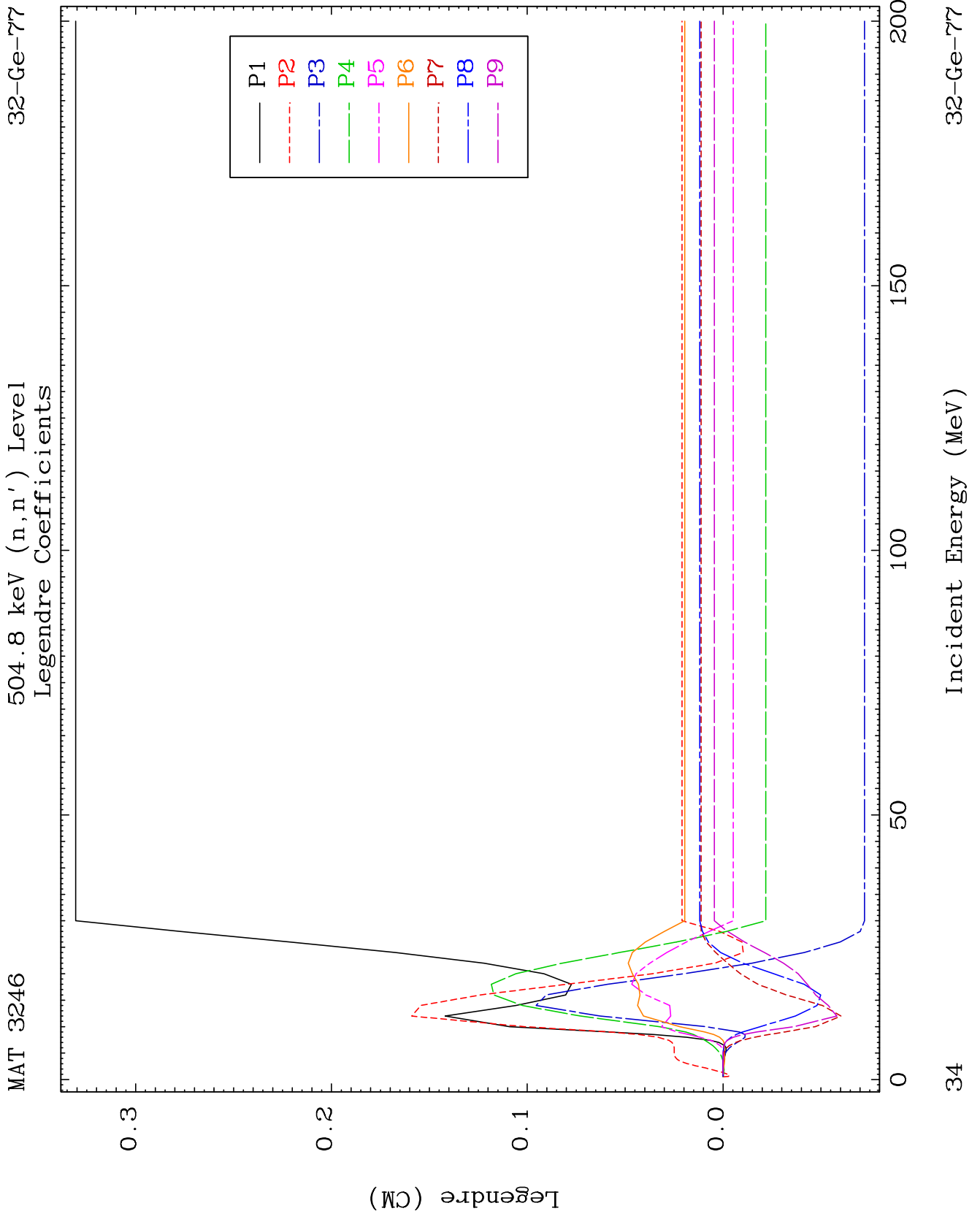


32

Incident Energy (MeV)

32-Ge-77

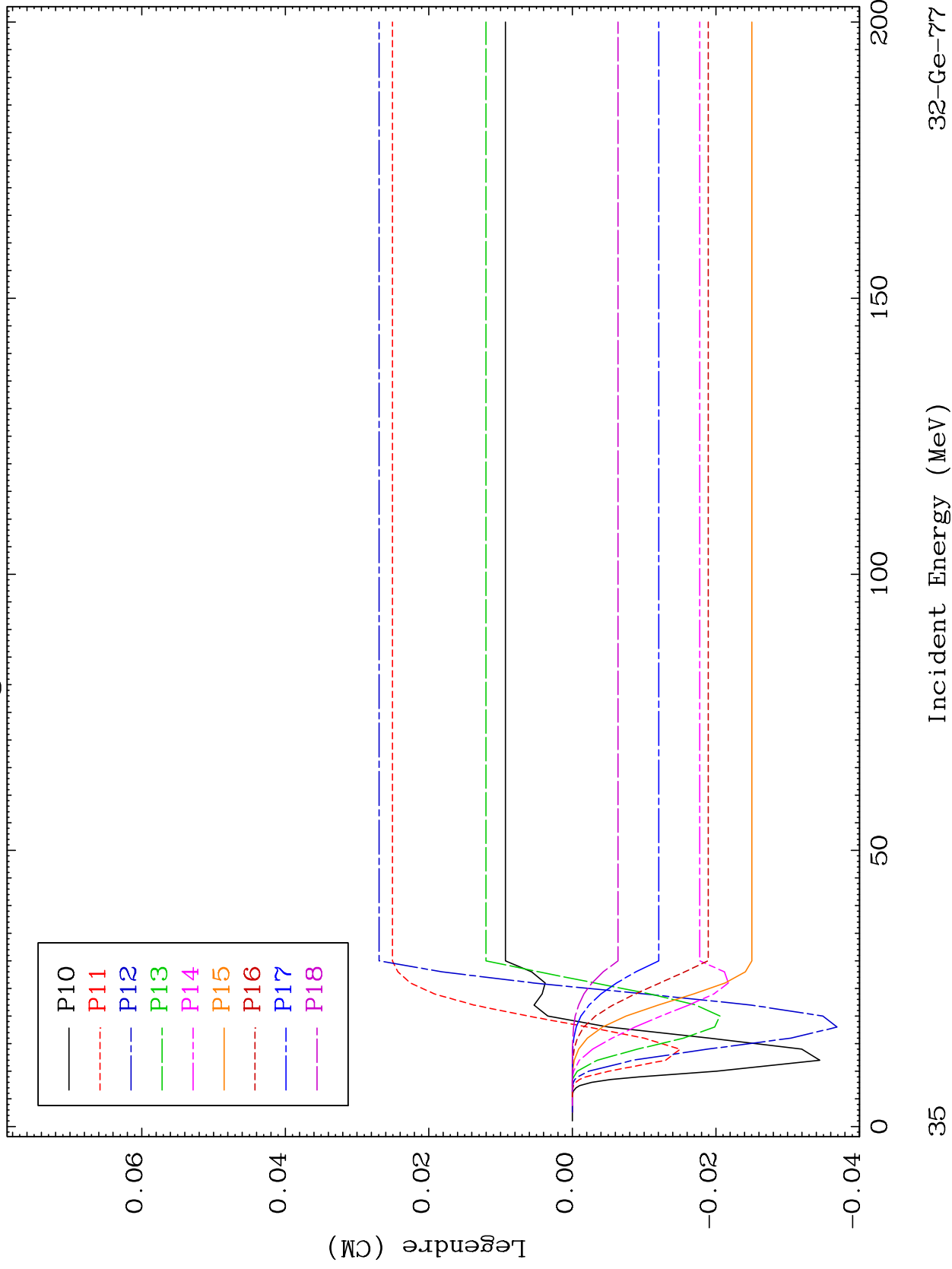




MAT 3246

504.8 keV (n,n') Level
Legendre Coefficients

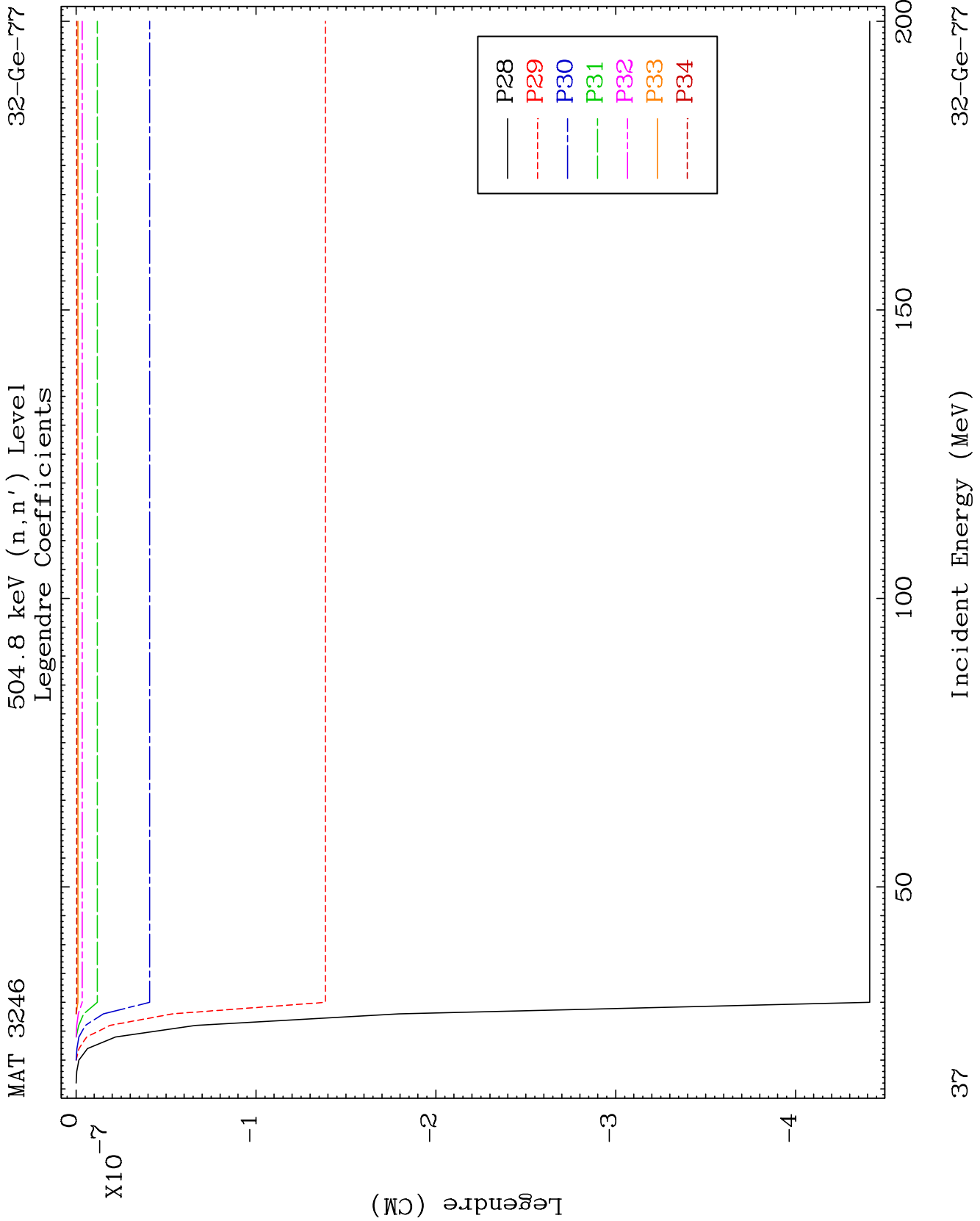
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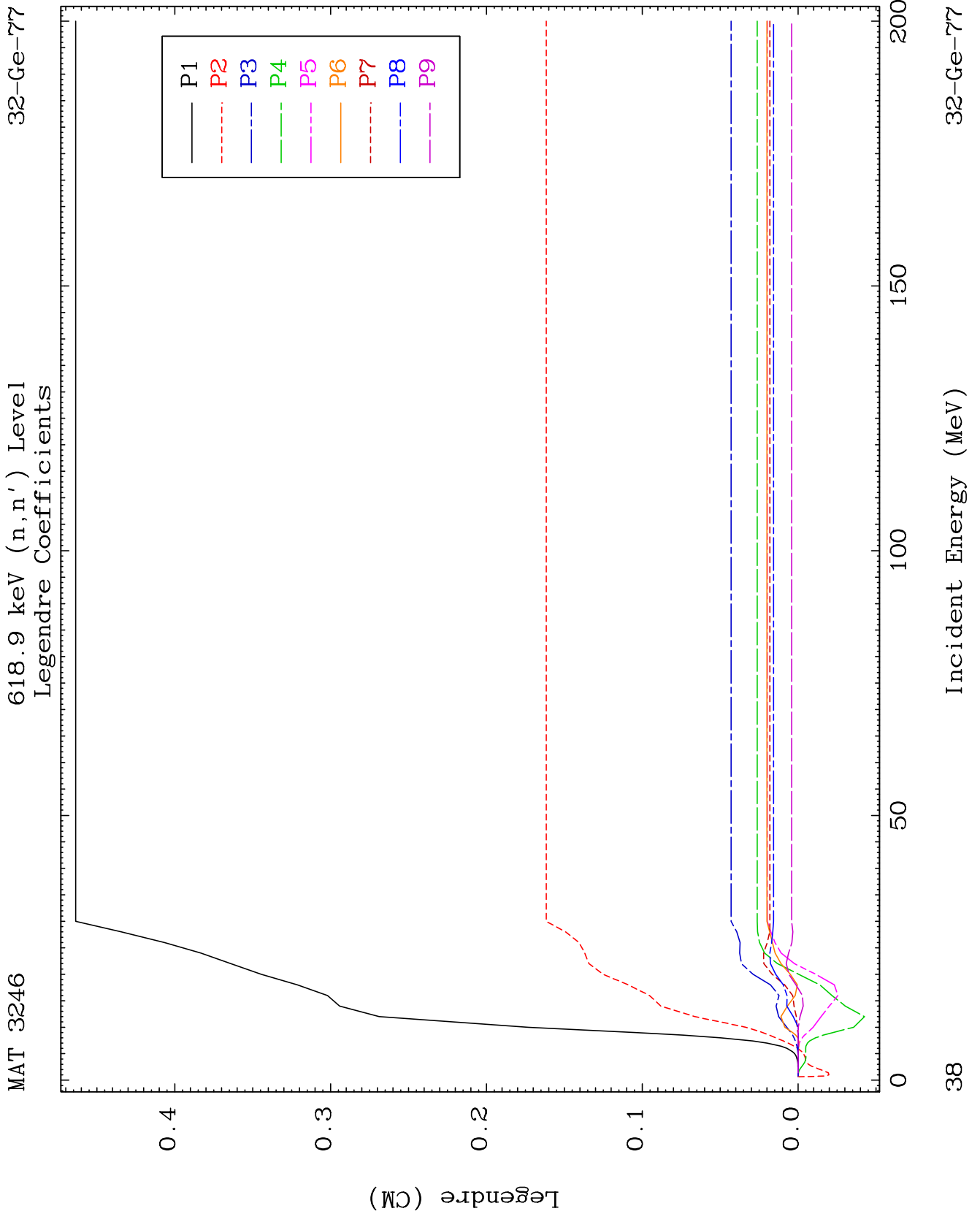


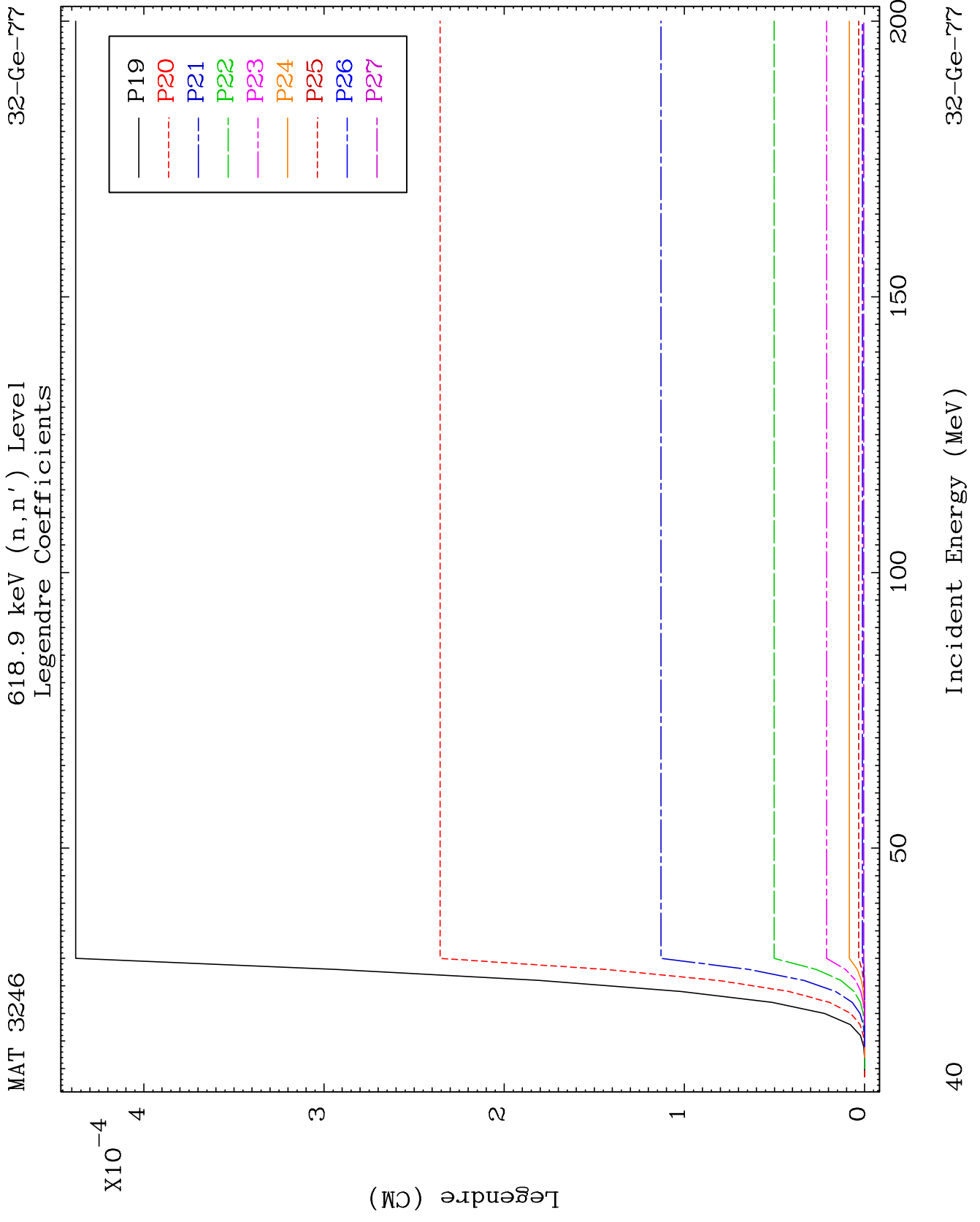
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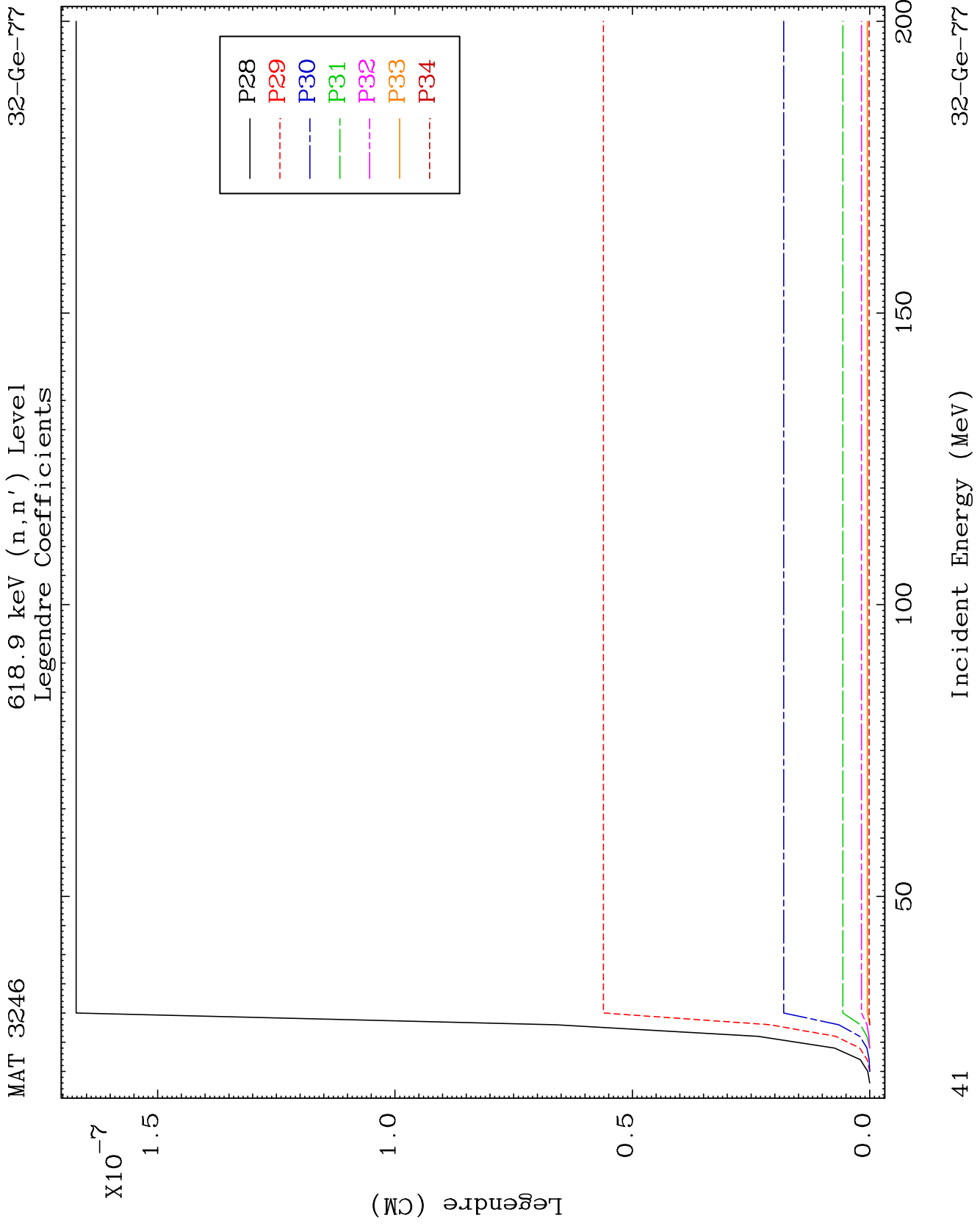
Incident Energy (MeV)

32-Ge-77





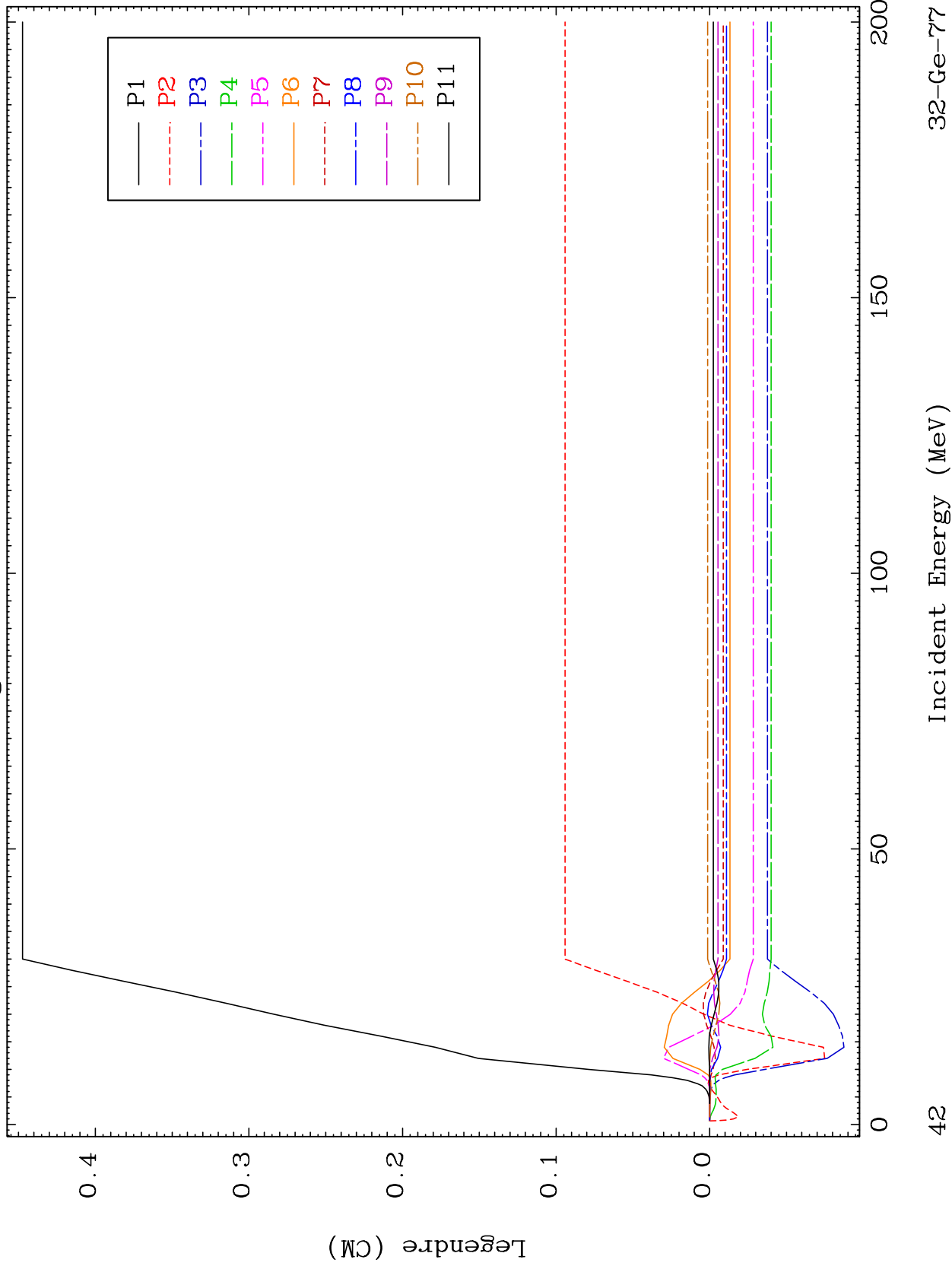




MAT 3246

629.7 keV (n,n') Level
Legendre Coefficients

32-Ge-77



32-Ge-77

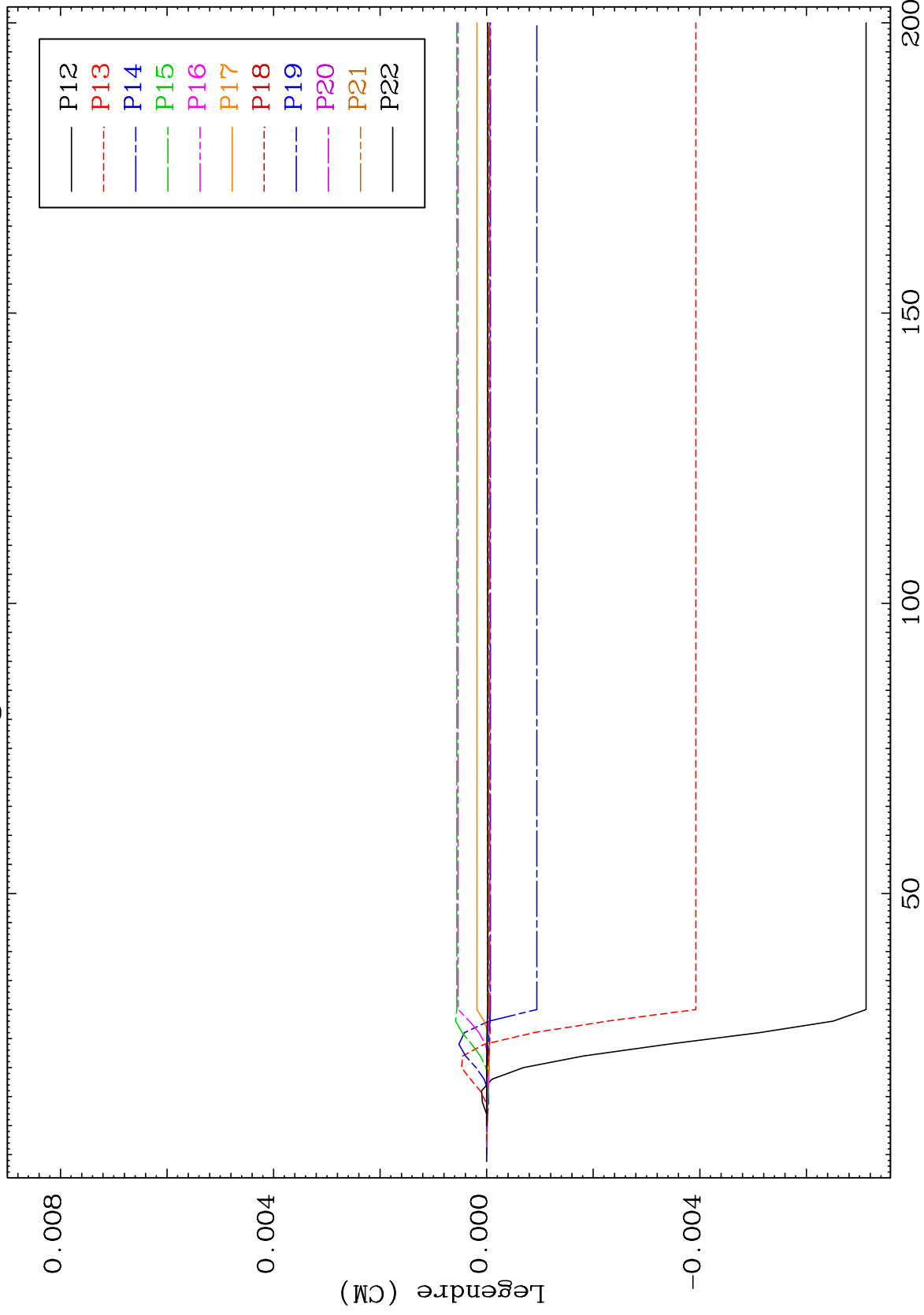
Incident Energy (MeV)

42

MAT 3246

629.7 keV (n,n') Level
Legendre Coefficients

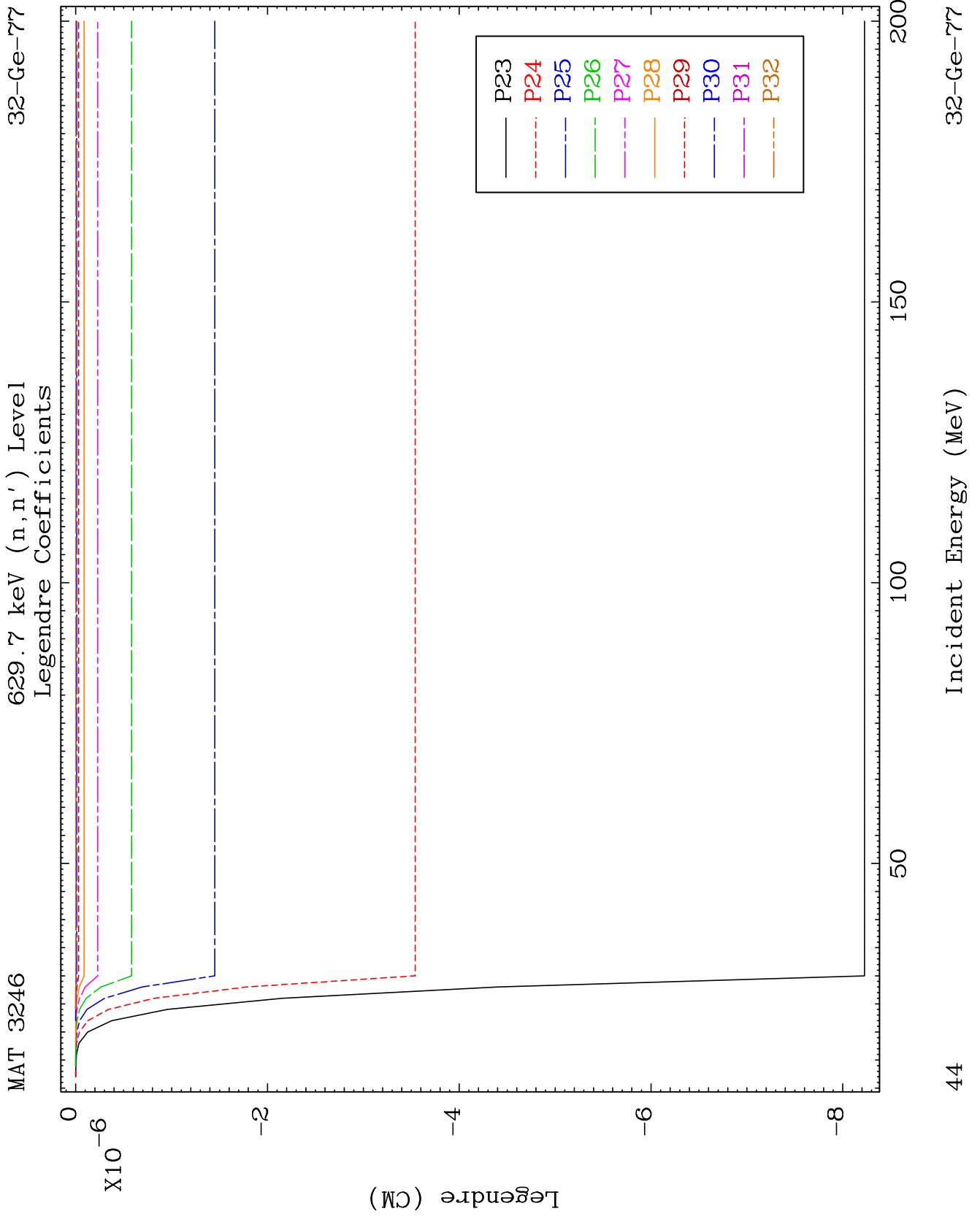
32-Ge-77

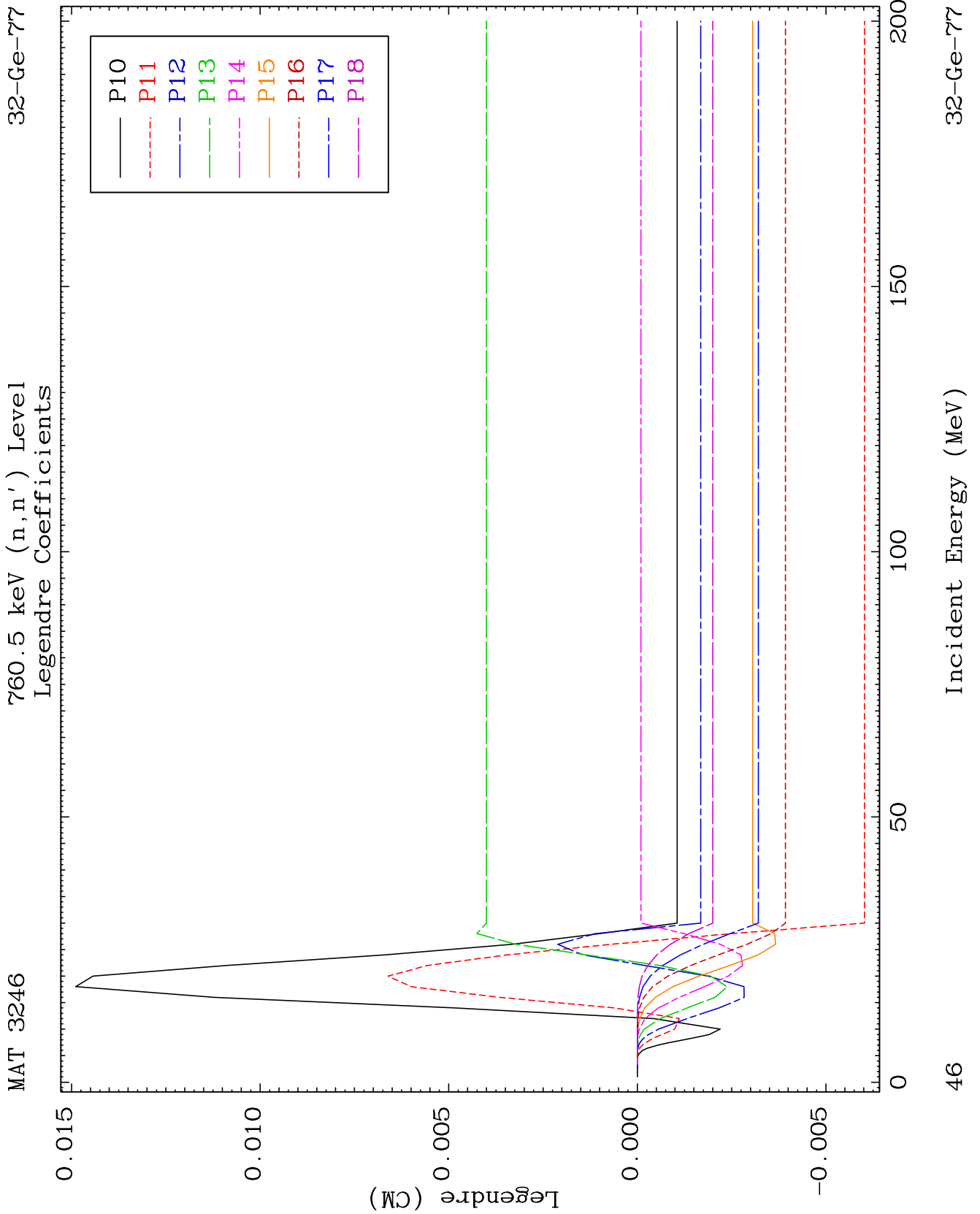


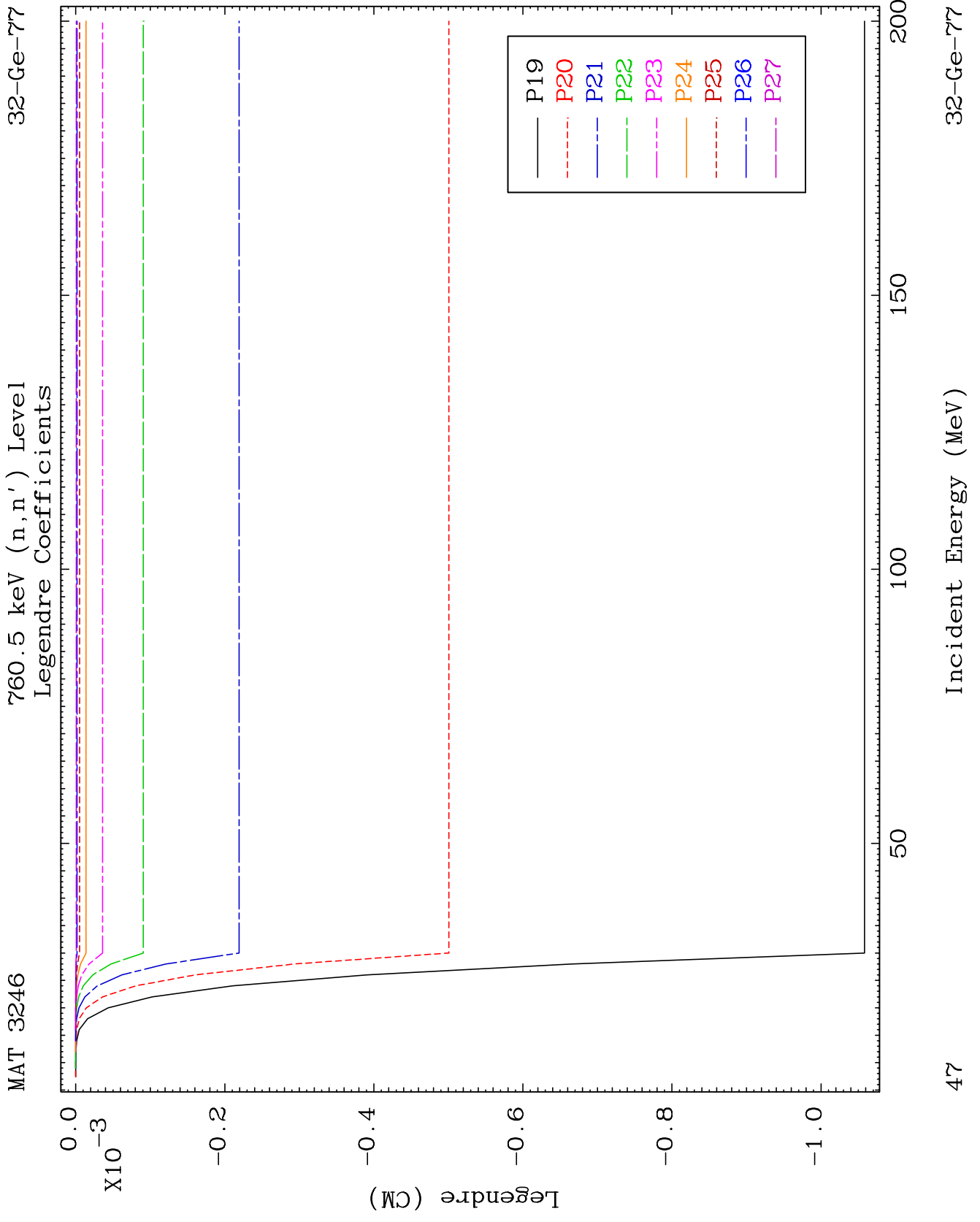
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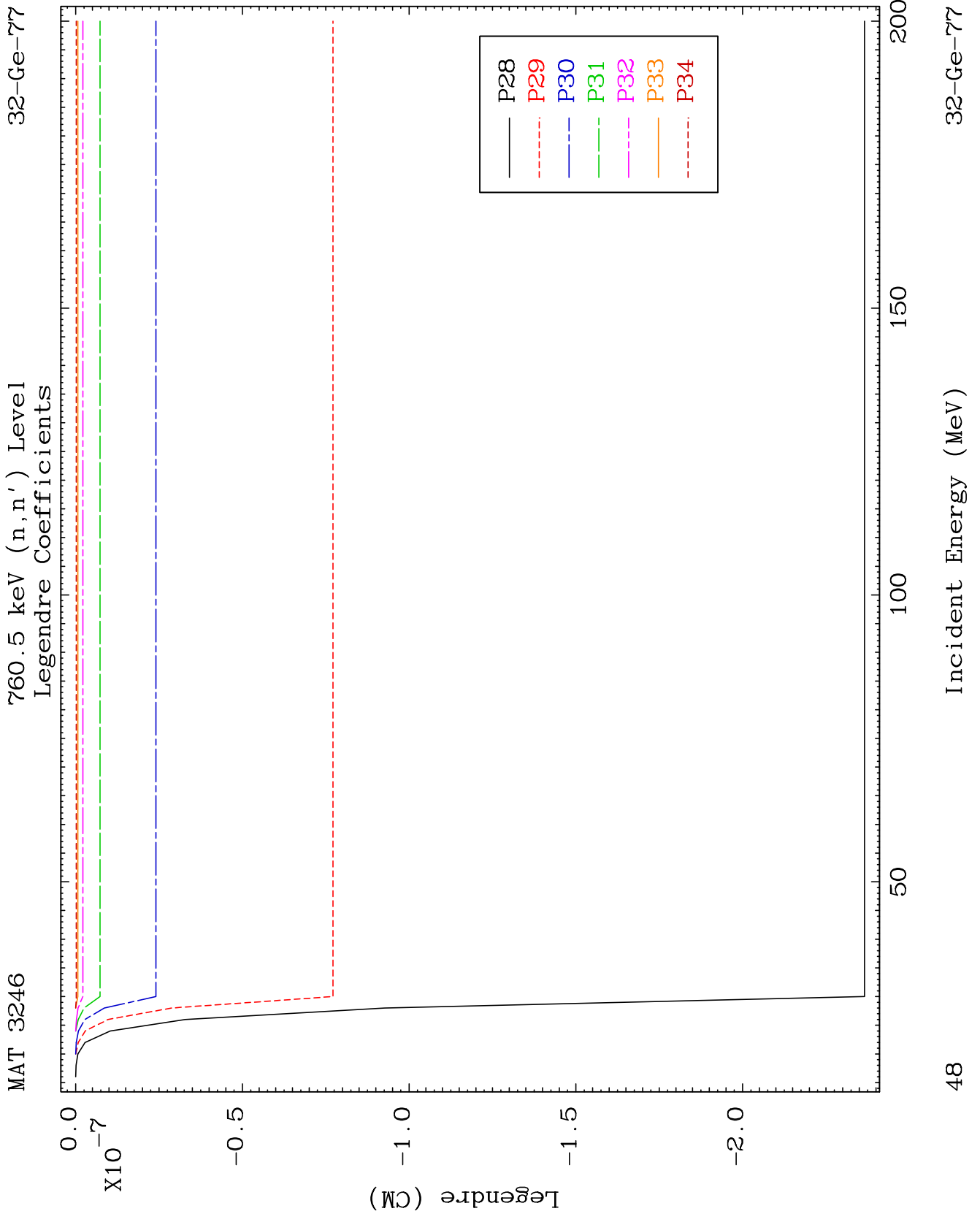
Incident Energy (MeV)

32-Ge-77





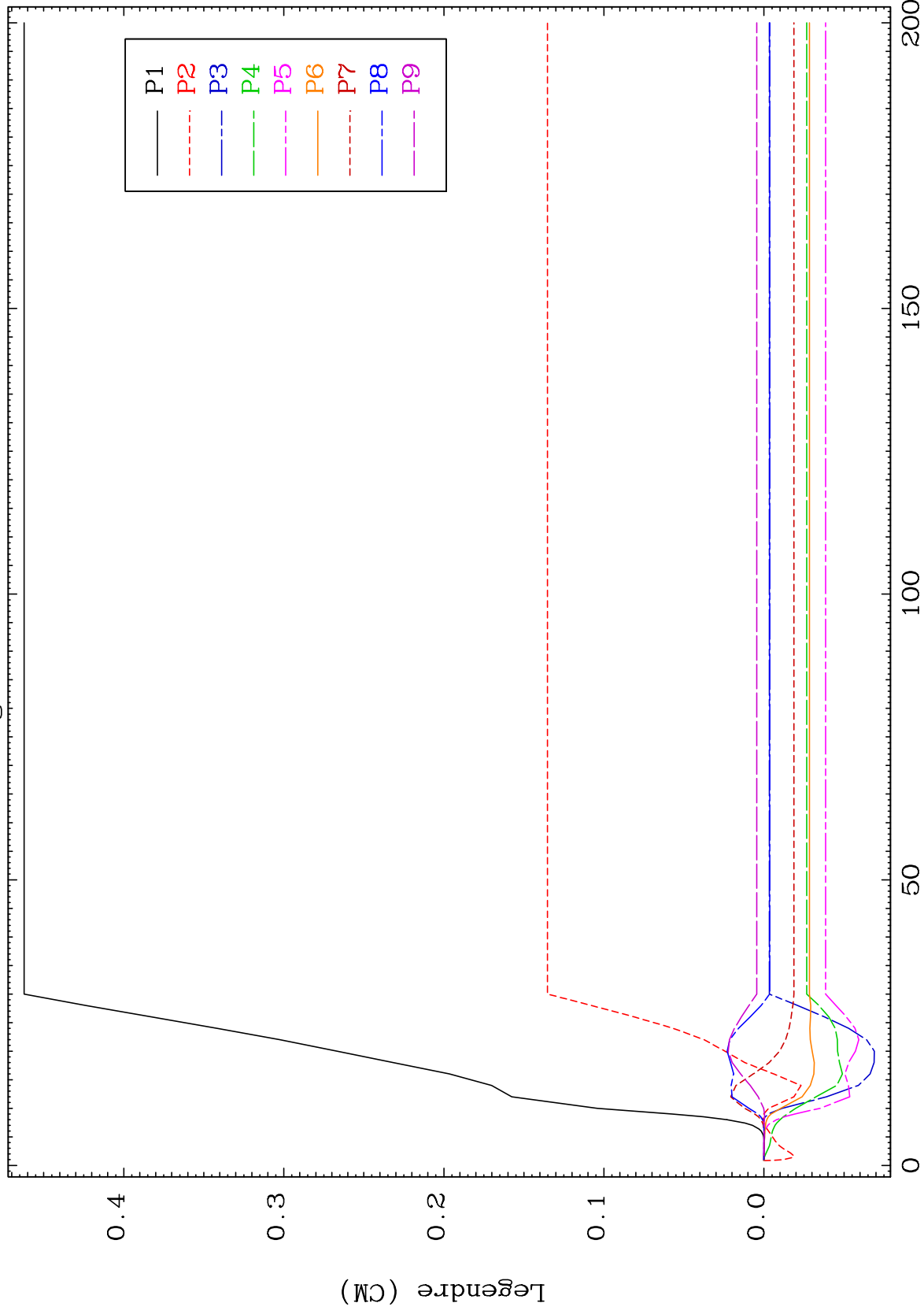




MAT 3246

809.1 keV (n,n') Level
Legendre Coefficients

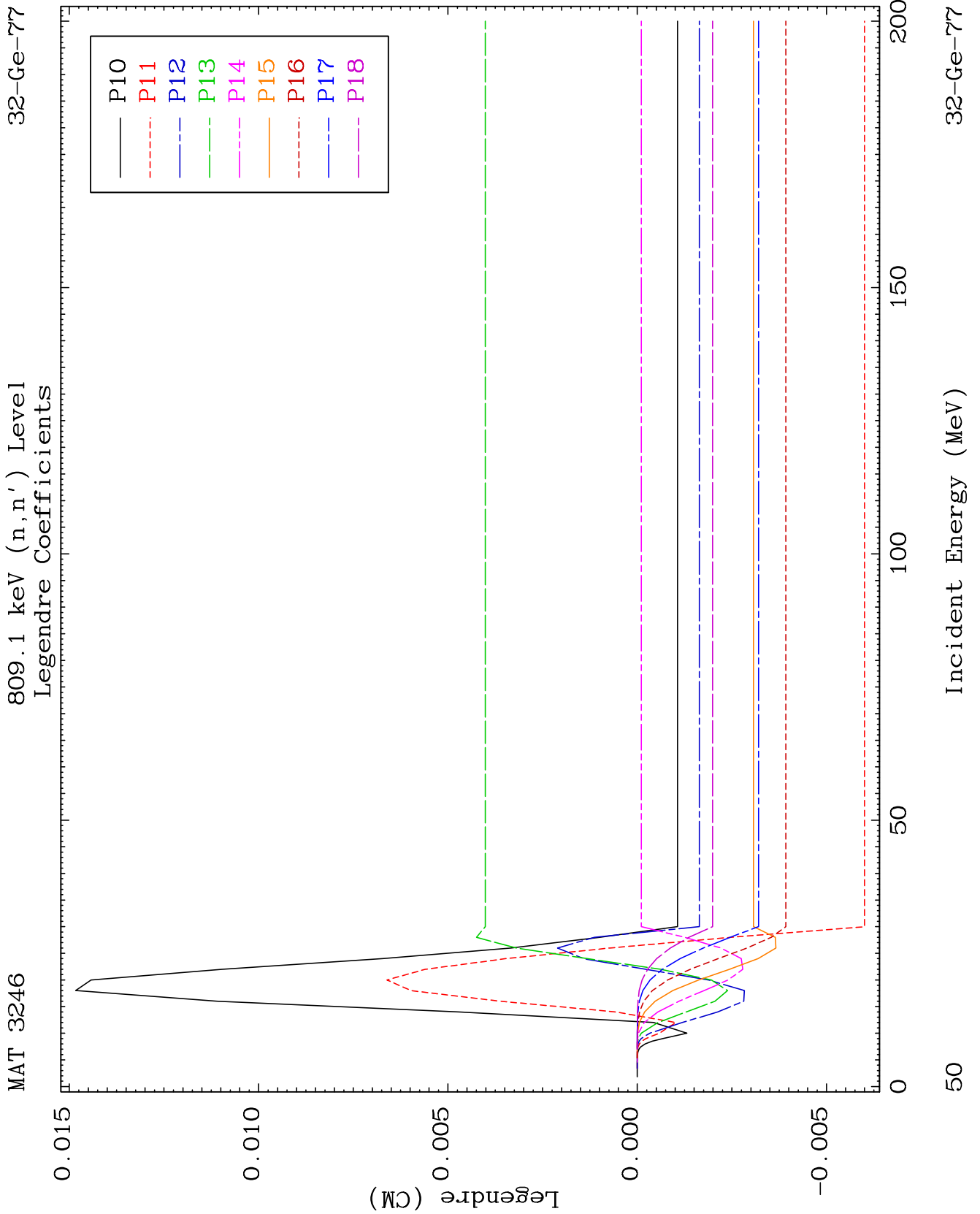
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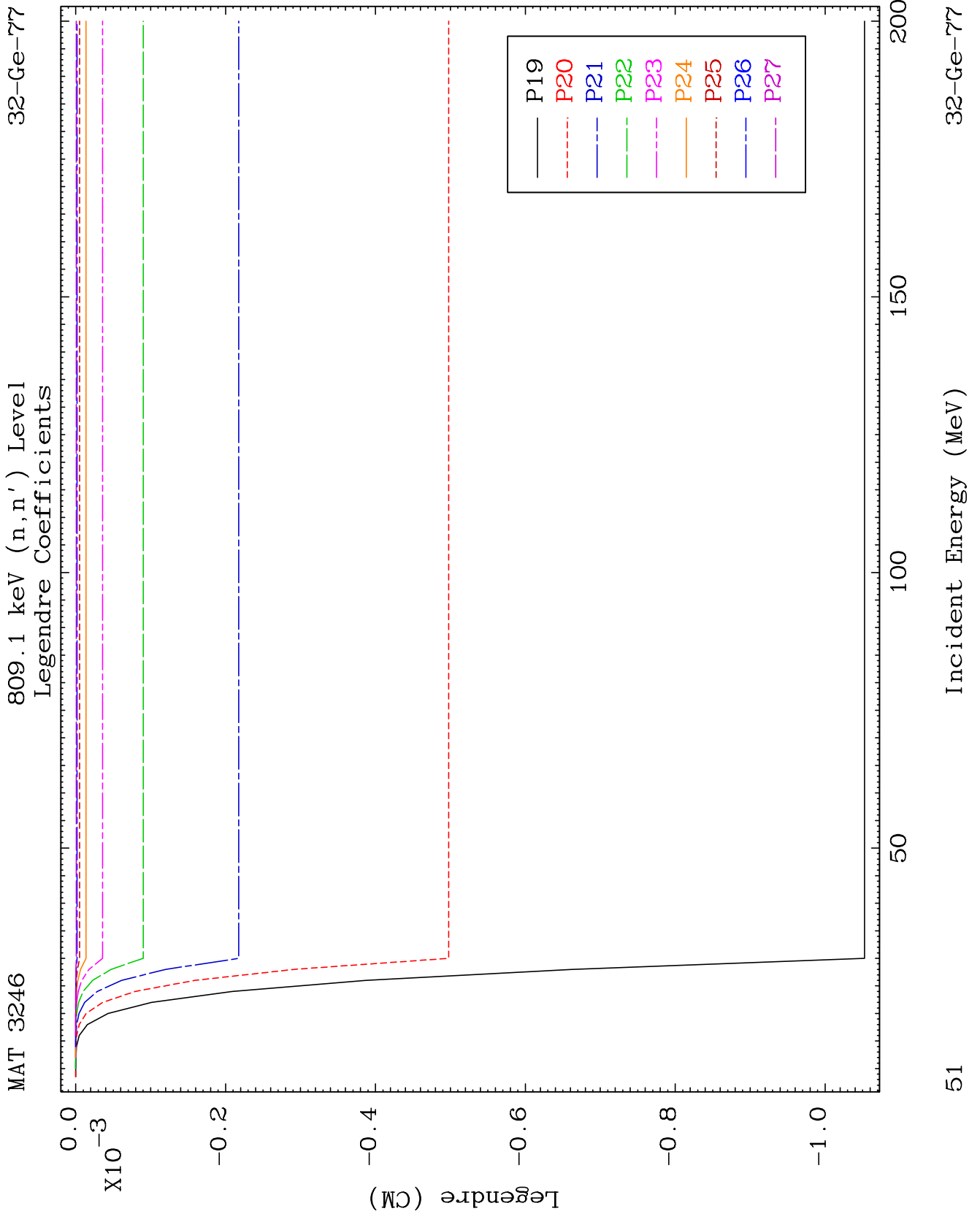


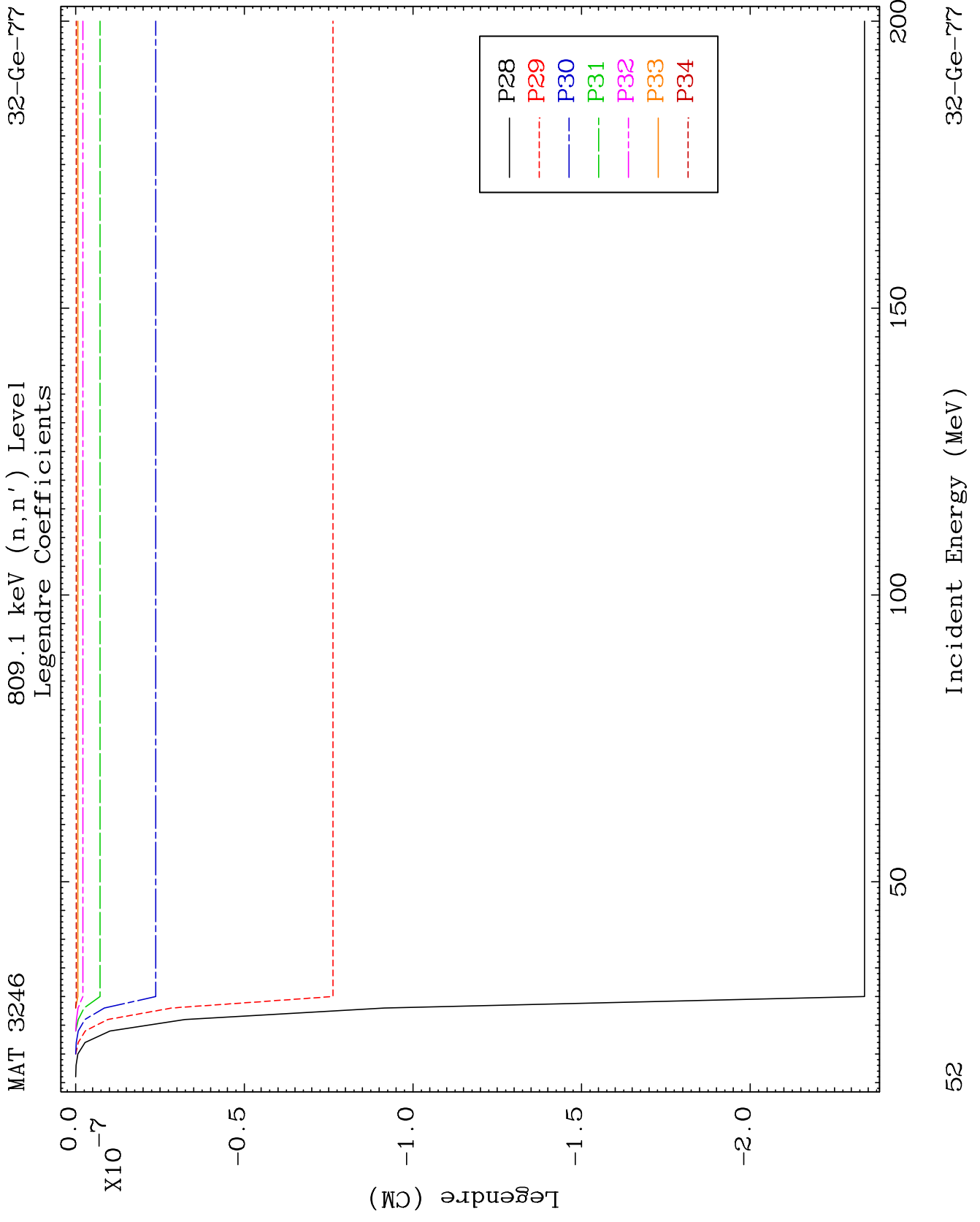
49

Incident Energy (MeV)

32-Ge-77



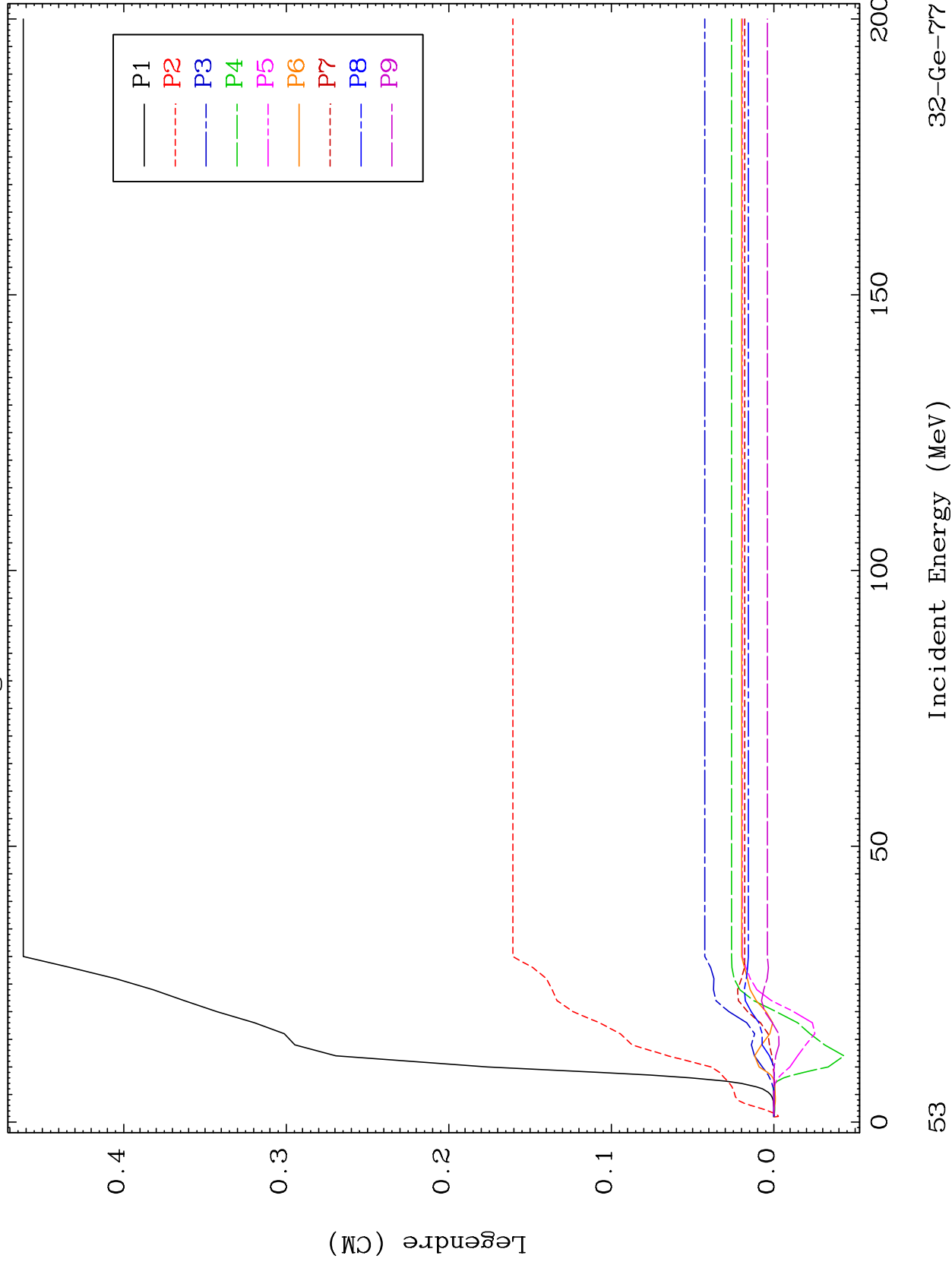




MAT 3246

884.2 keV (n, n') Level
Legendre Coefficients

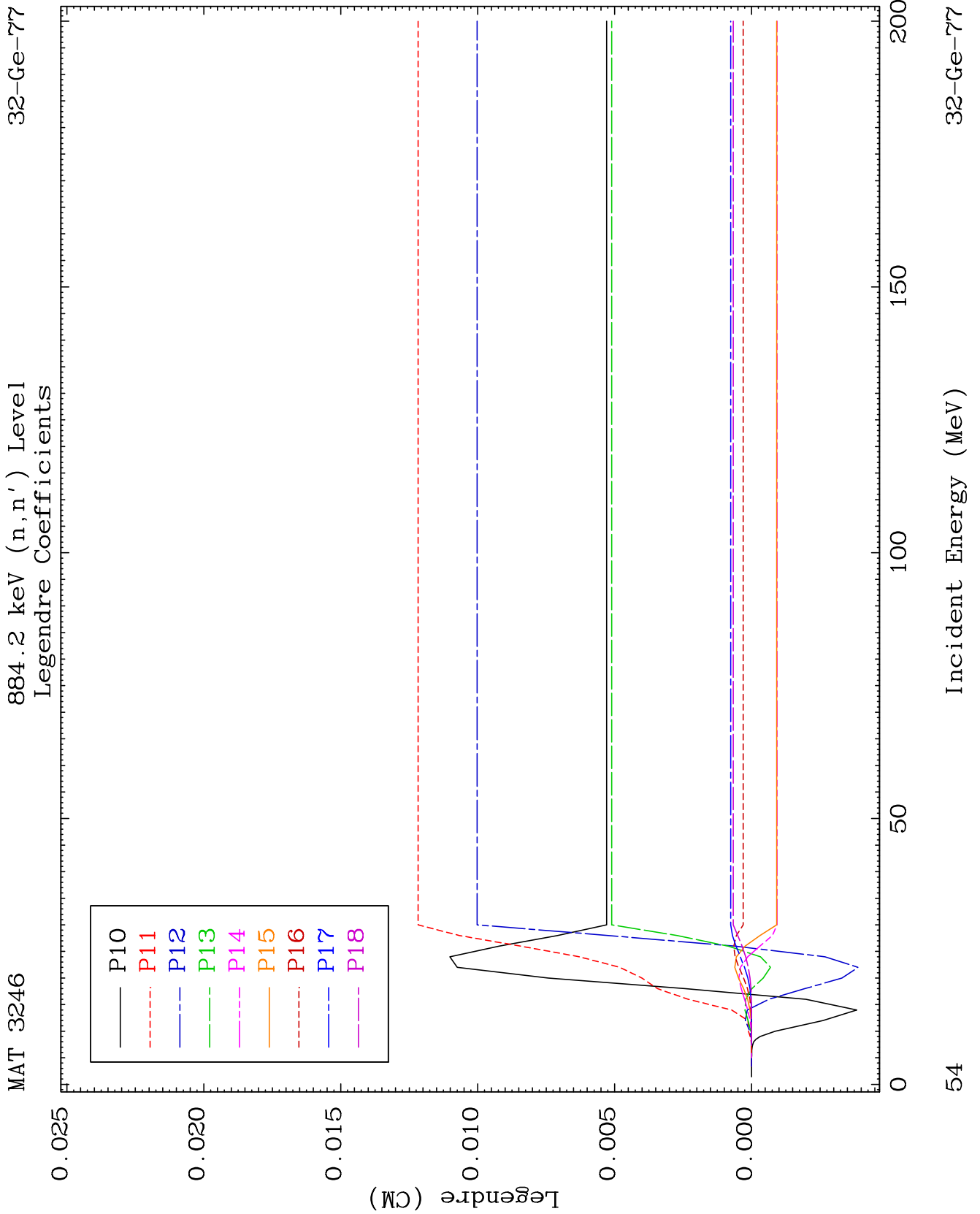
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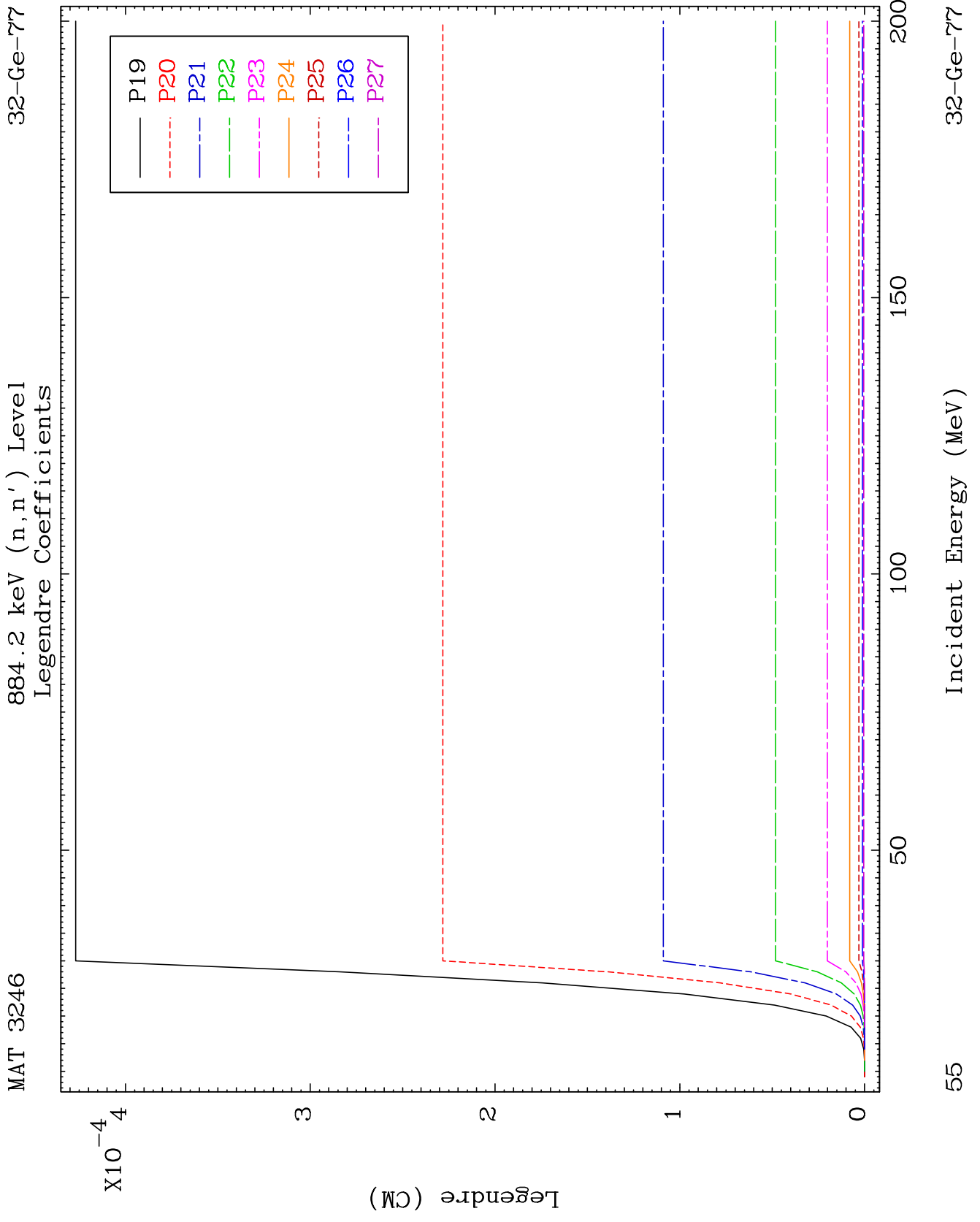


32-Ge-77

Incident Energy (MeV)

53

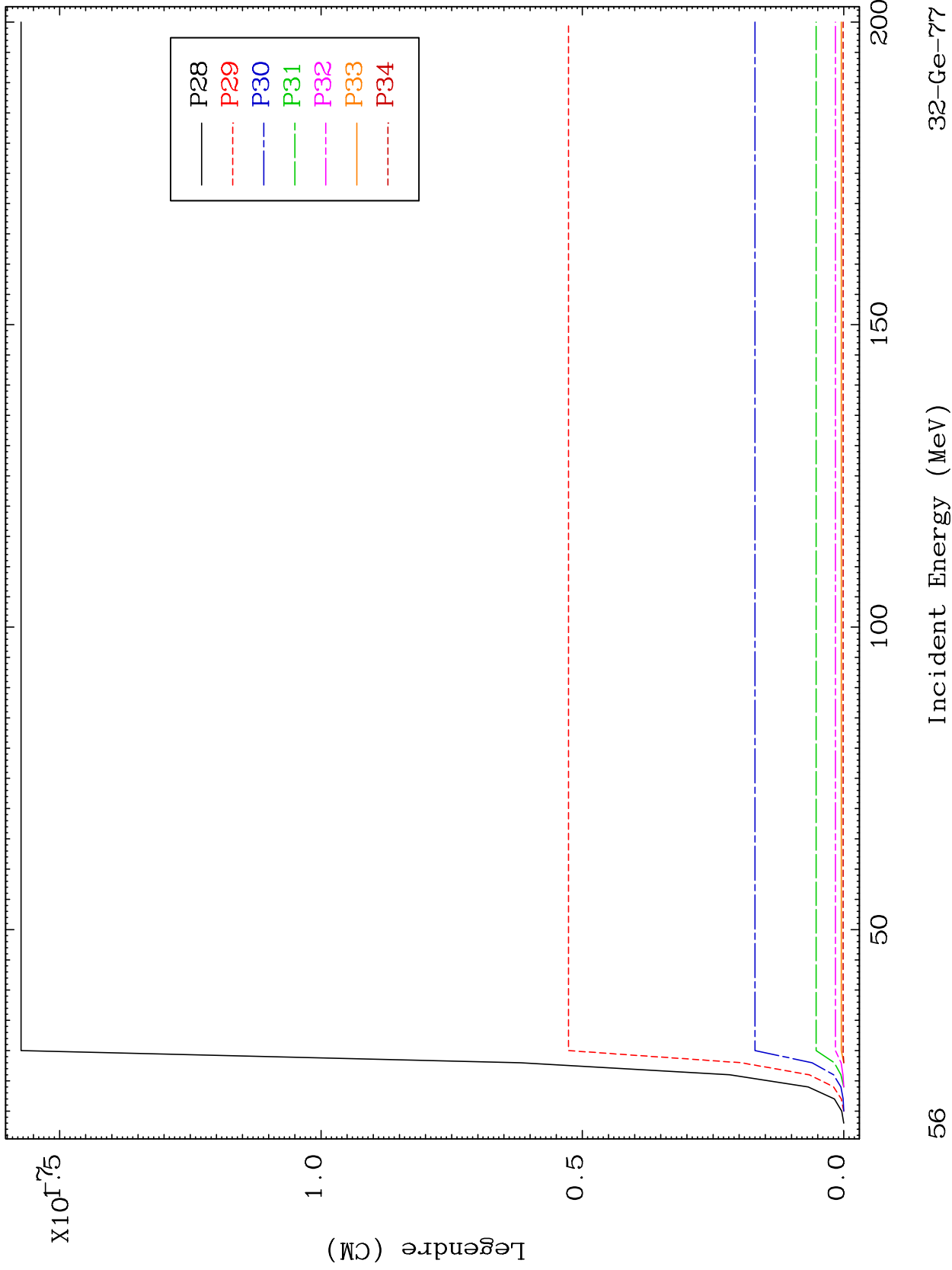




MAT 3246

884.2 keV (n,n') Level
Legendre Coefficients

32-Ge-77



56

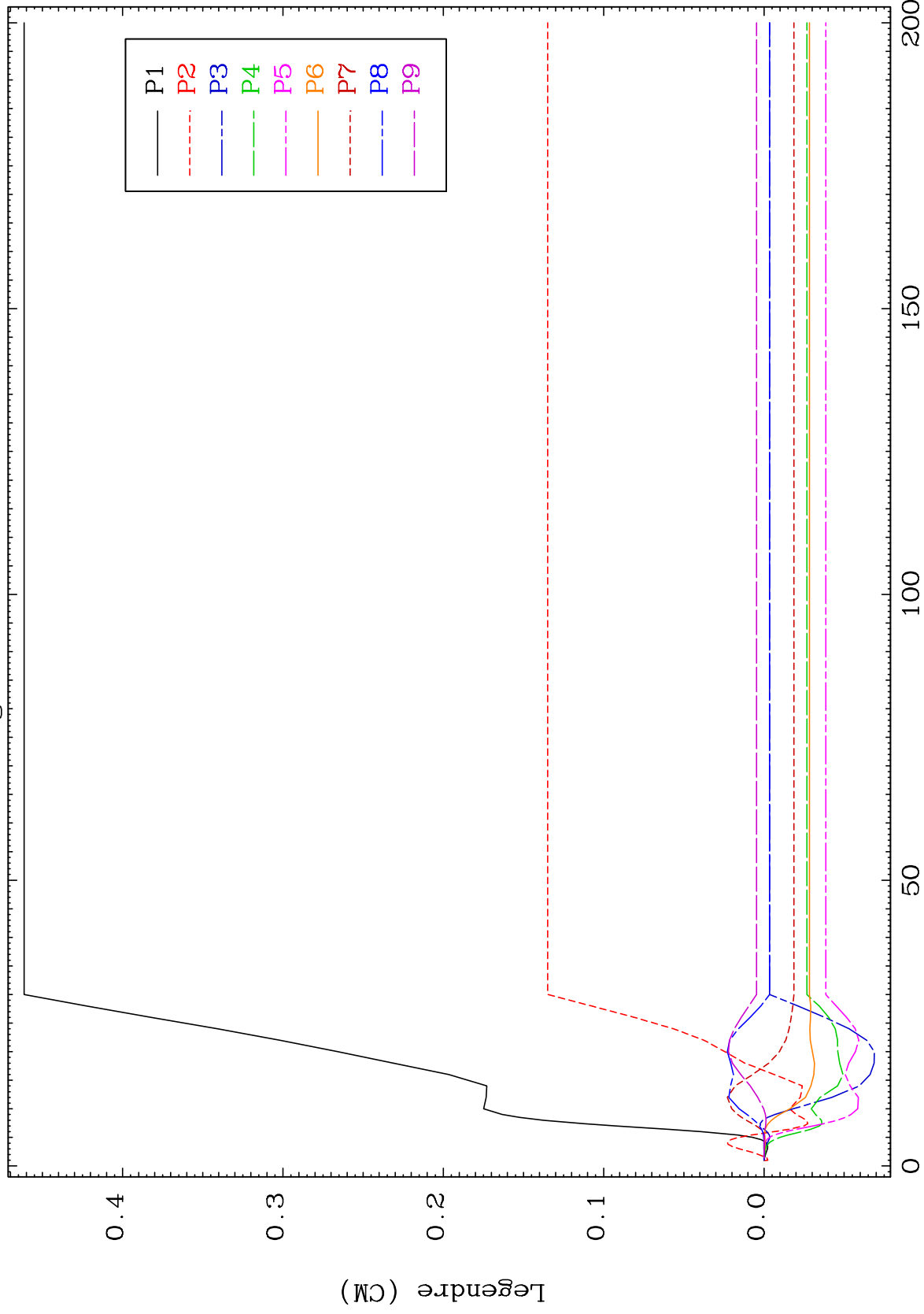
Incident Energy (MeV)

32-Ge-77

MAT 3246

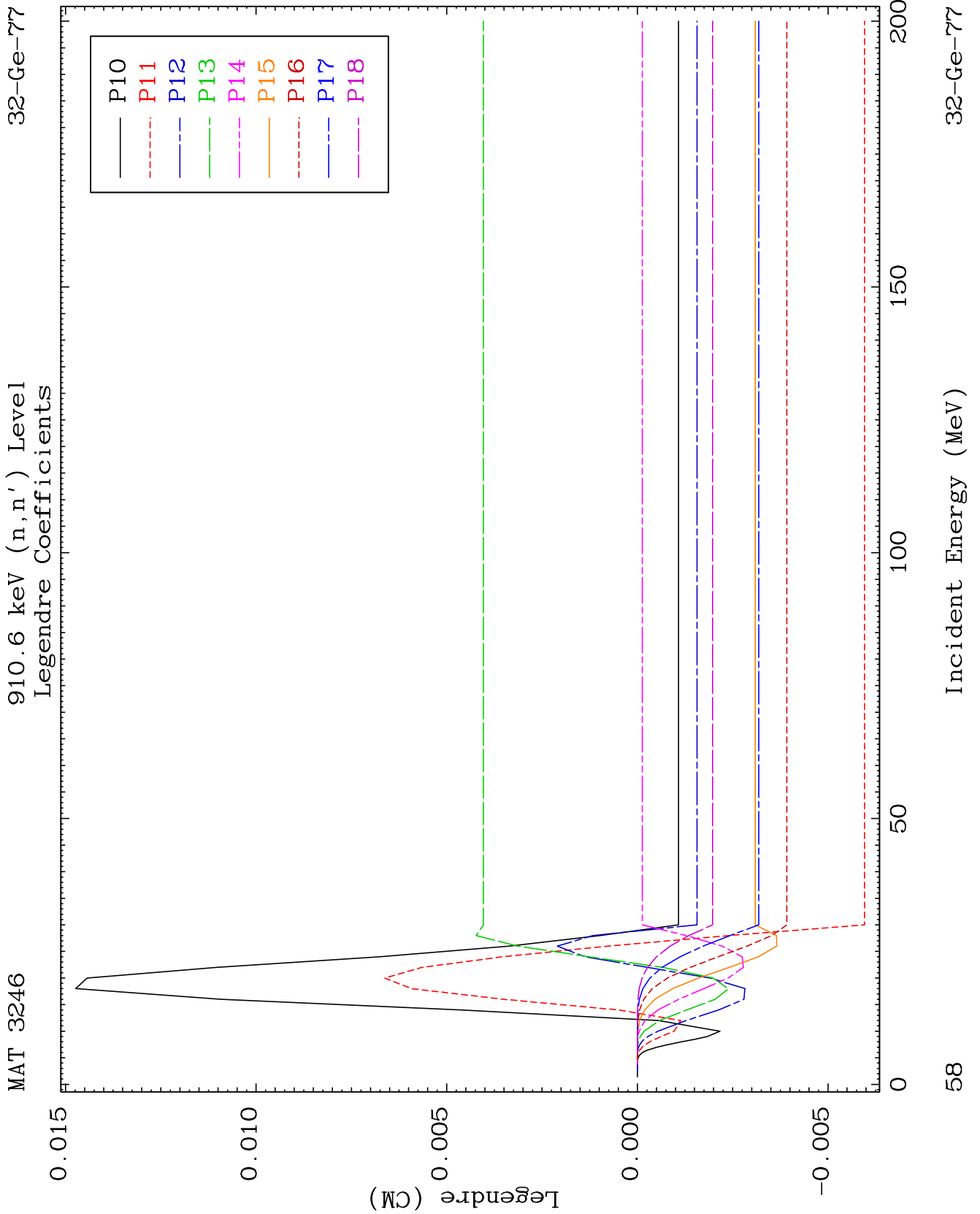
910.6 keV (n,n') Level
Legendre Coefficients

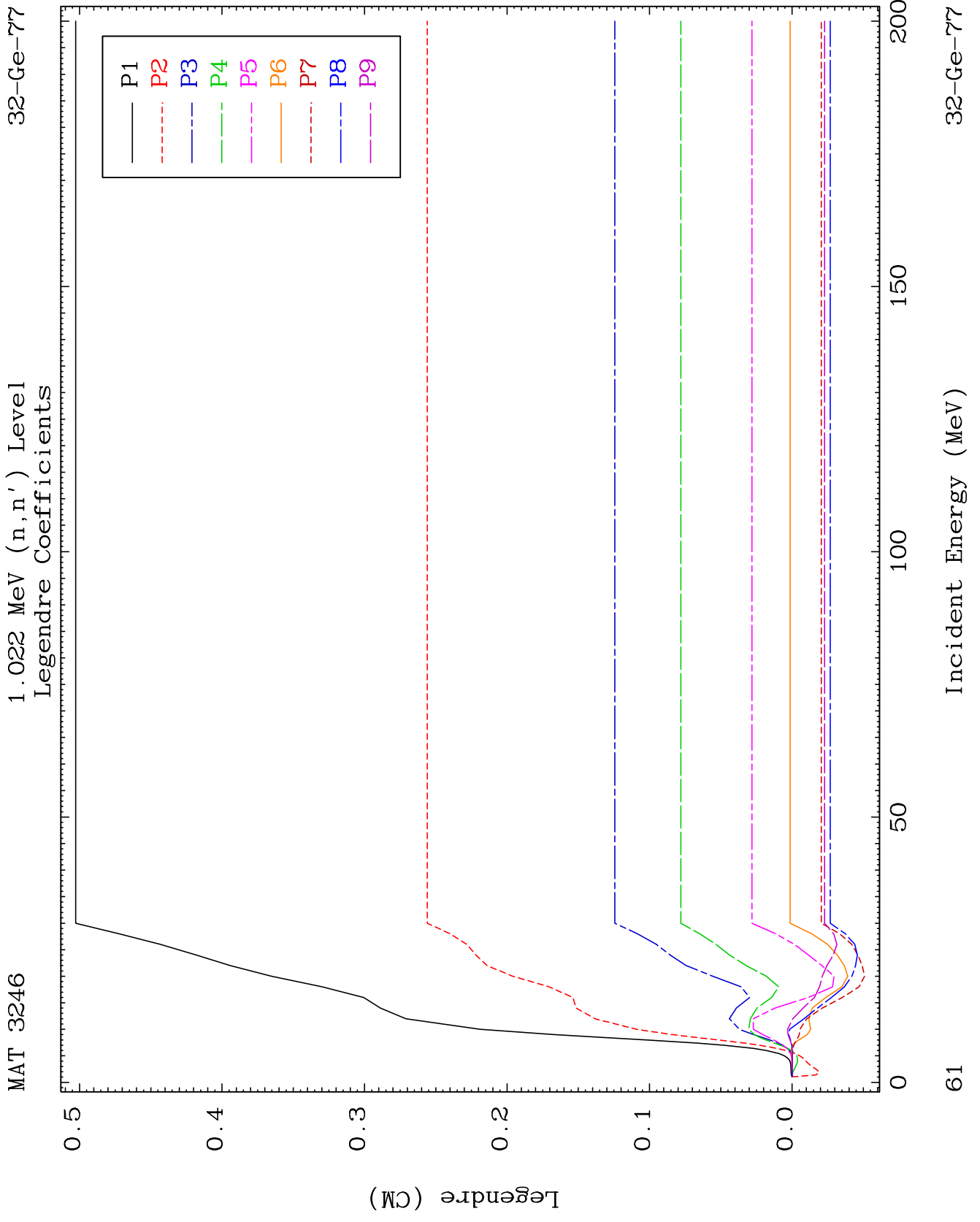
32-Ge-77



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32-Ge-77

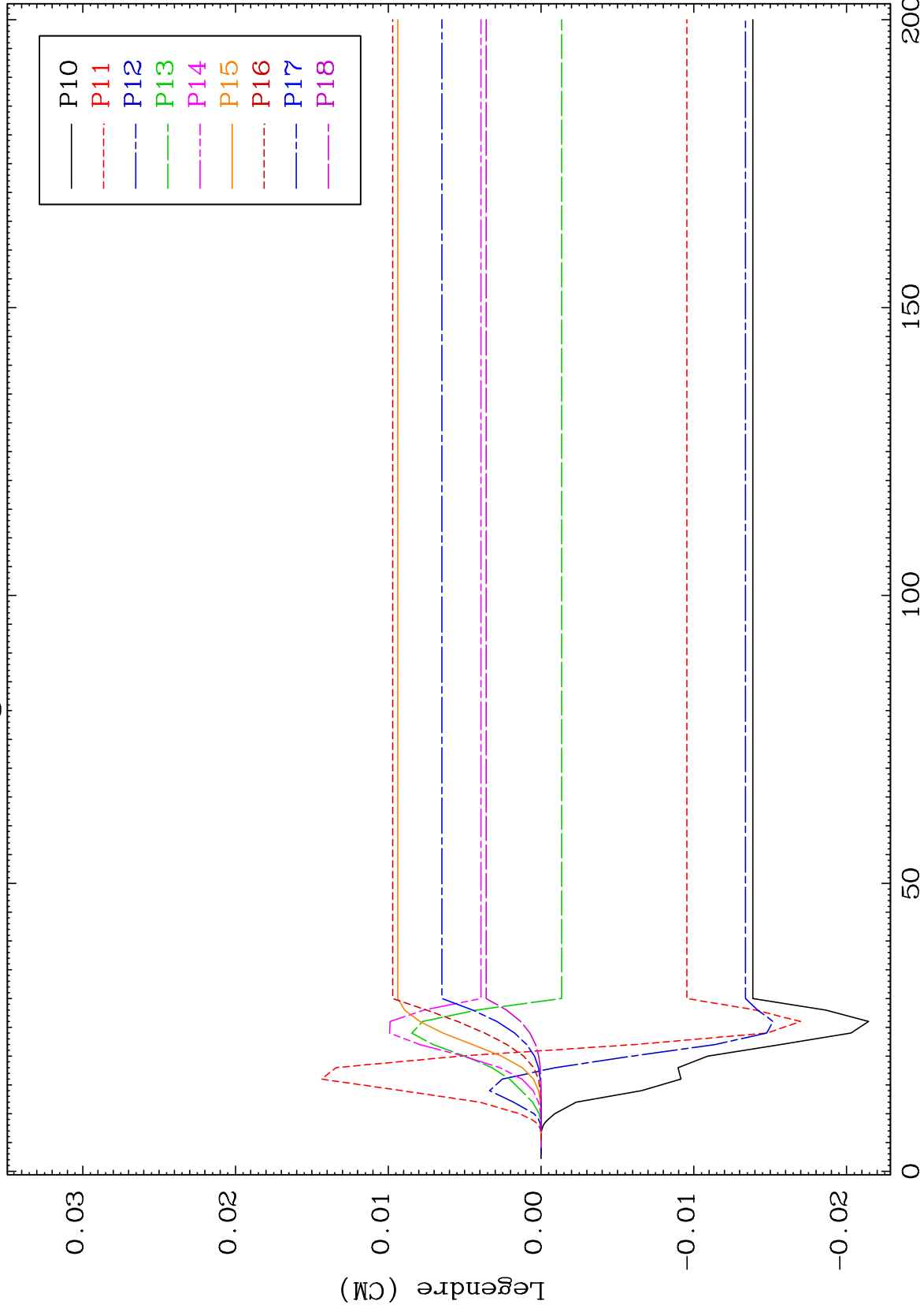




MAT 3246

1.022 MeV (n,n') Level
Legendre Coefficients

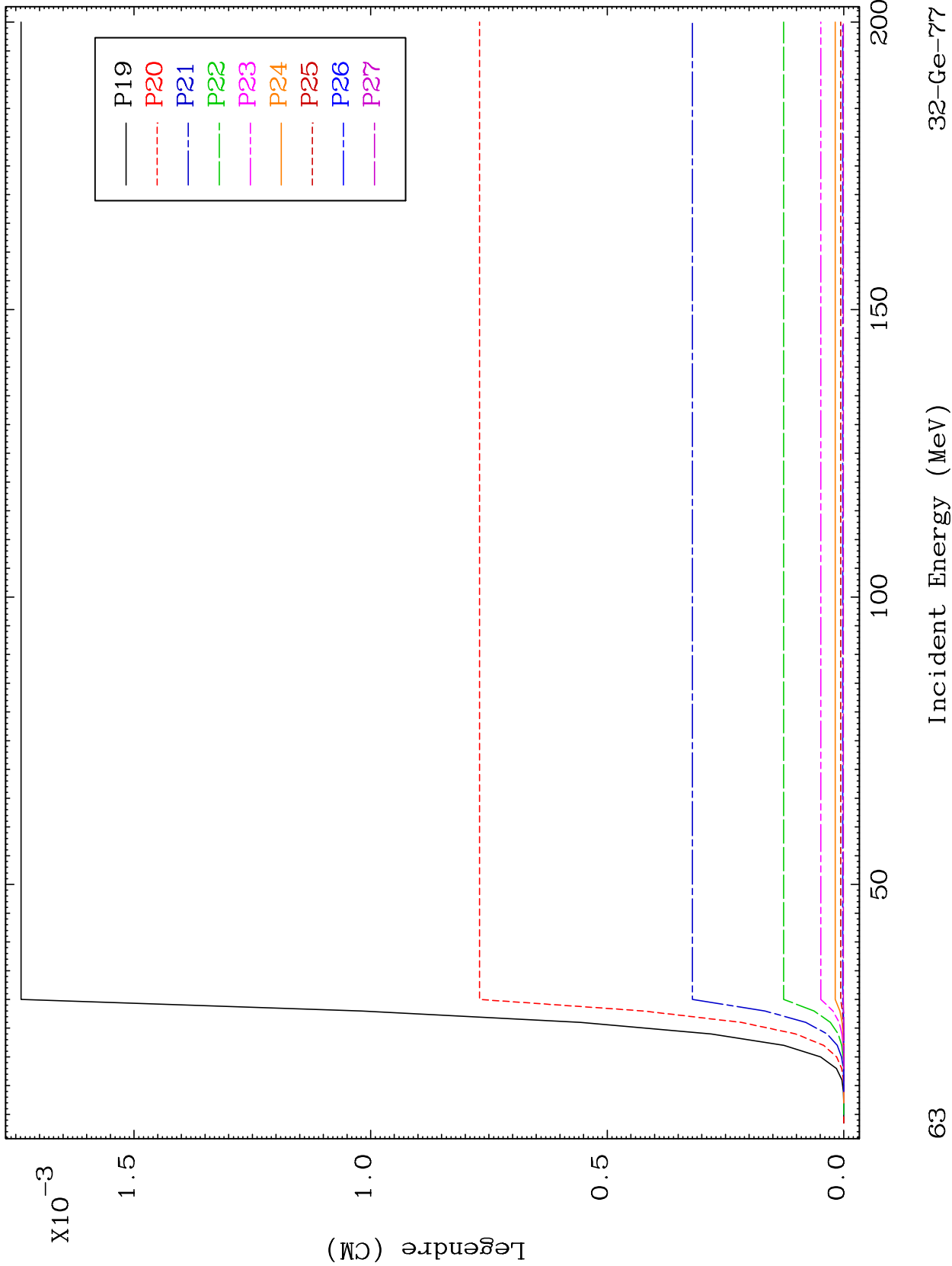
32-Ge-77



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Incident Energy (MeV)

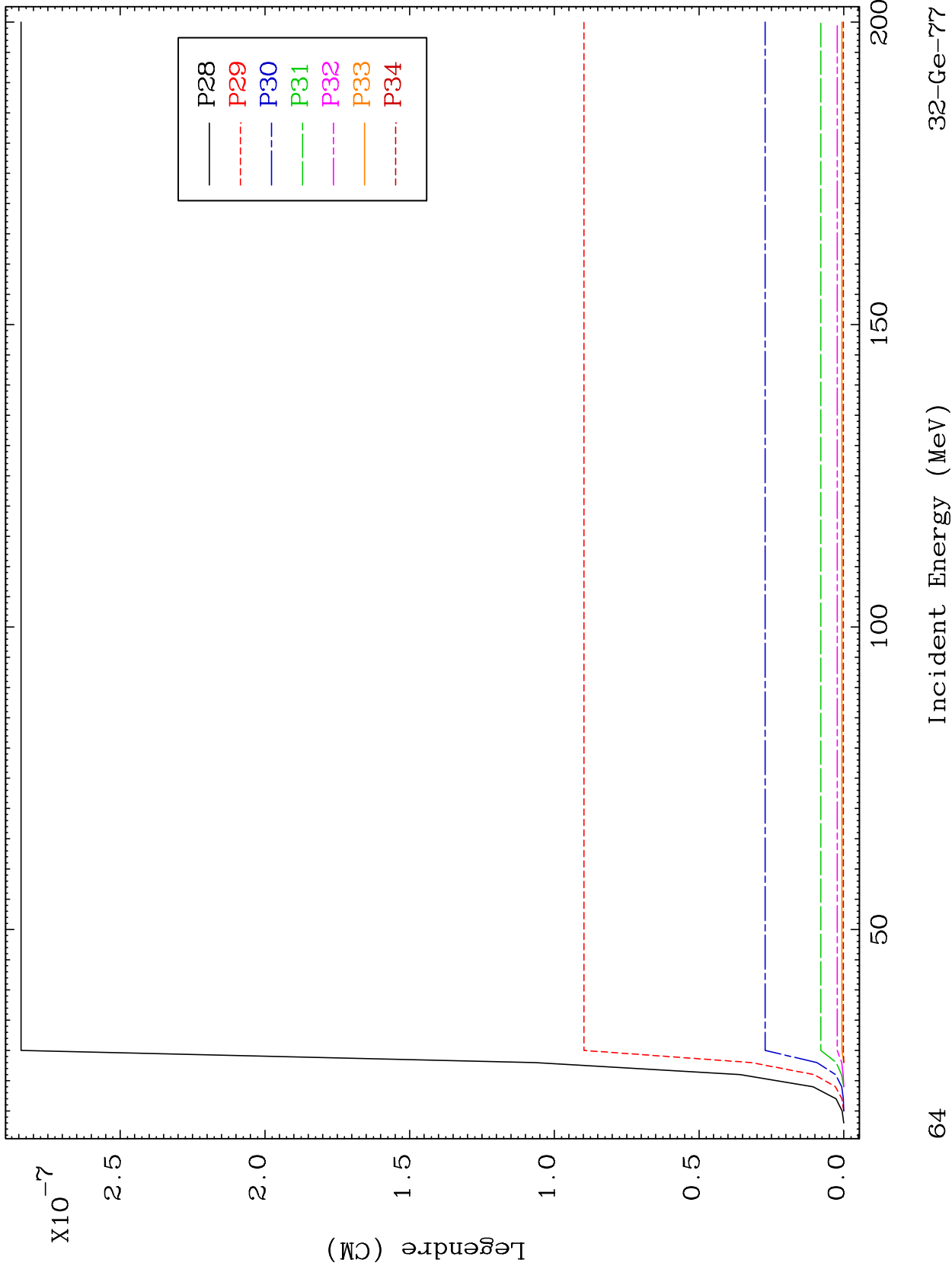
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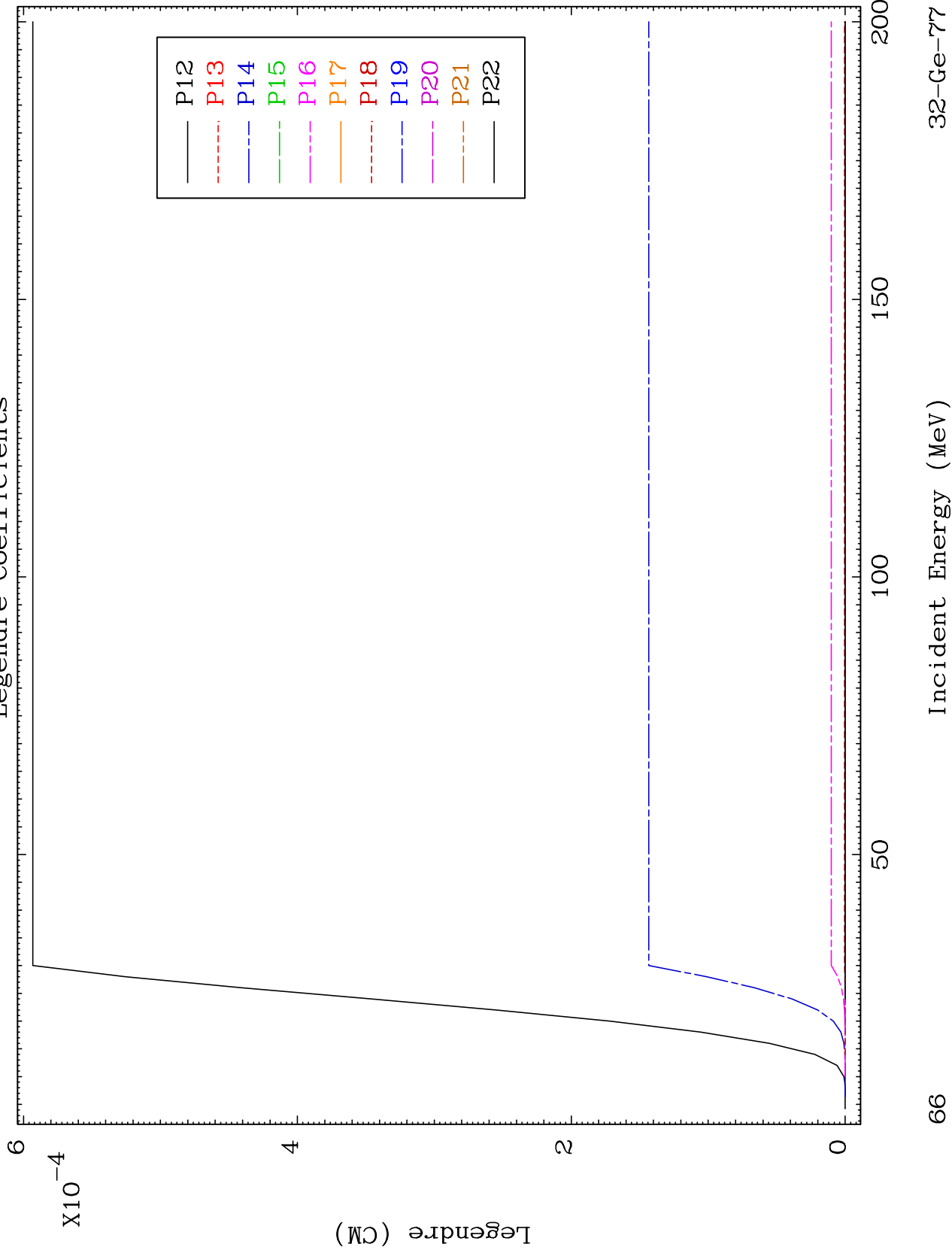


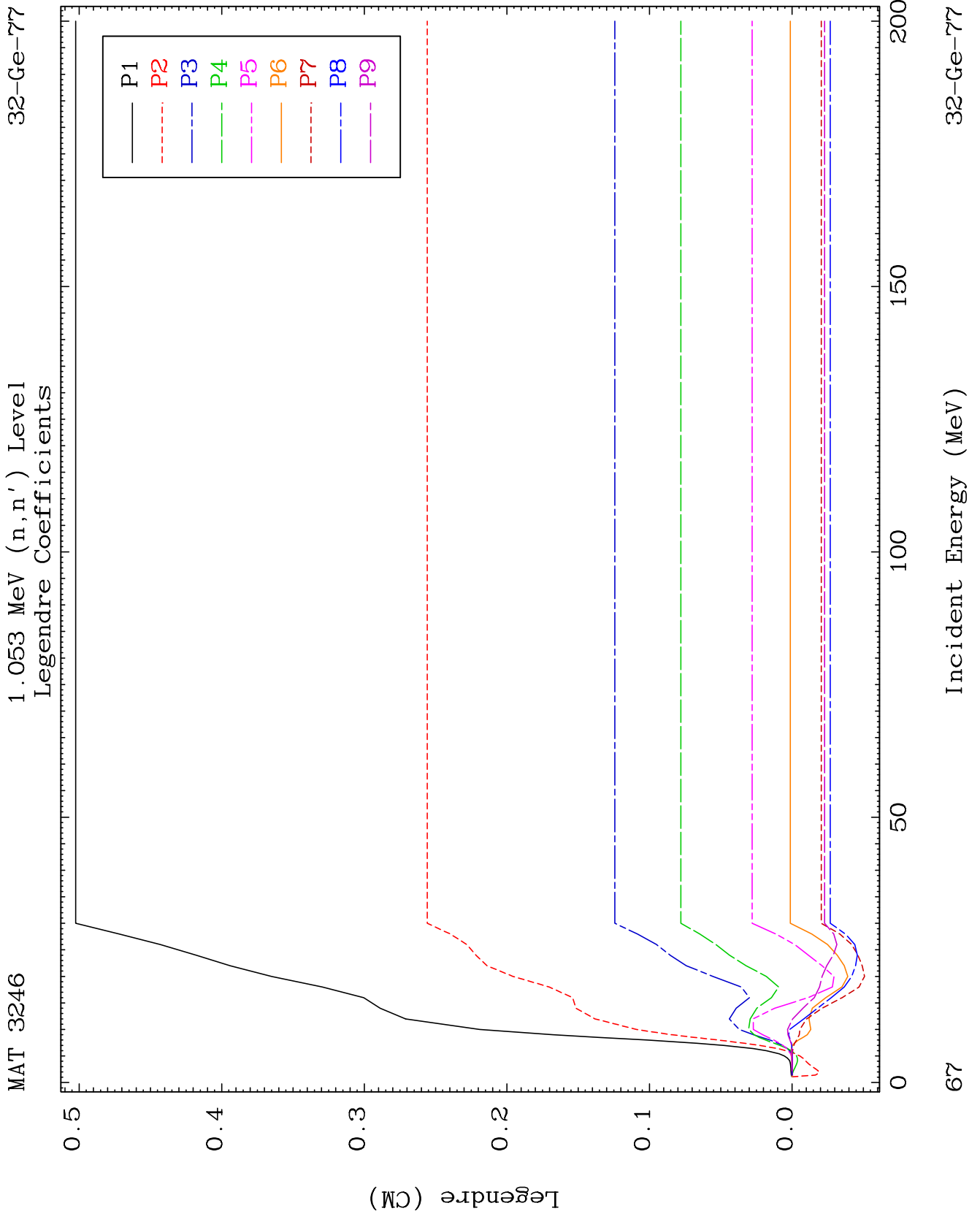
MAT 3246

1.022 MeV (n,n') Level
Legendre Coefficients

32-Ge-77



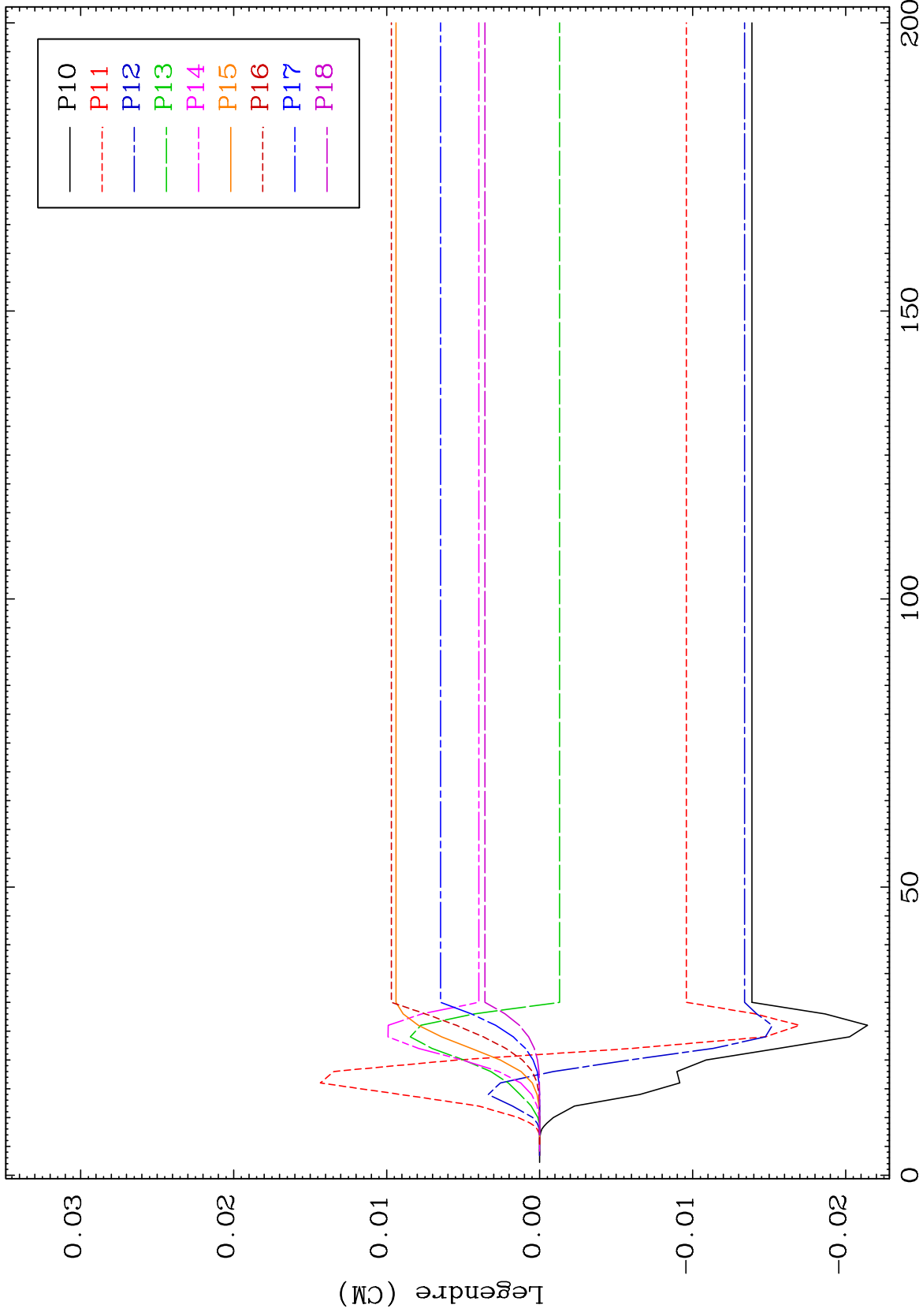




MAT 3246

1.053 MeV (n,n') Level
Legendre Coefficients

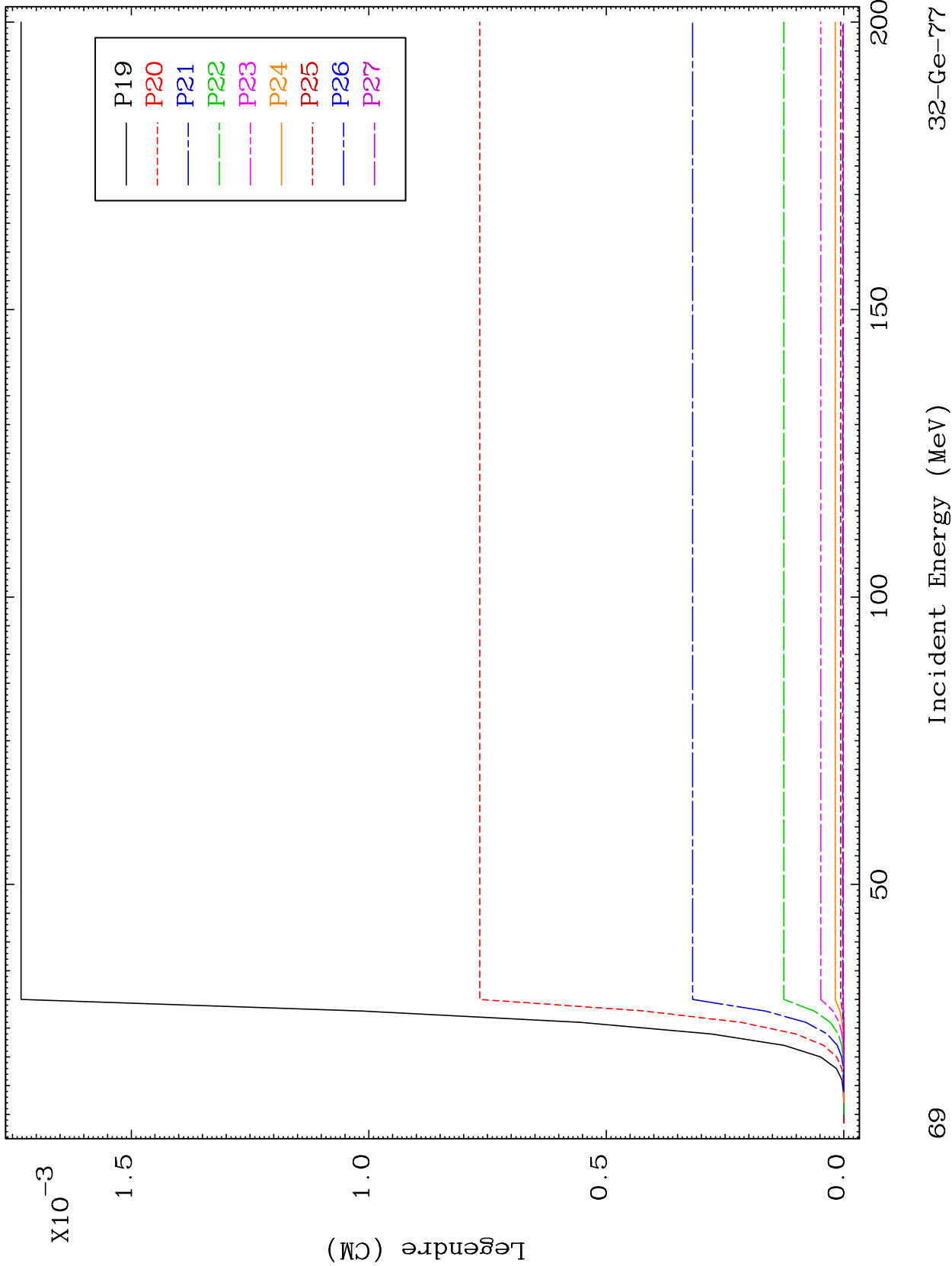
32-Ge-77



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Incident Energy (MeV)

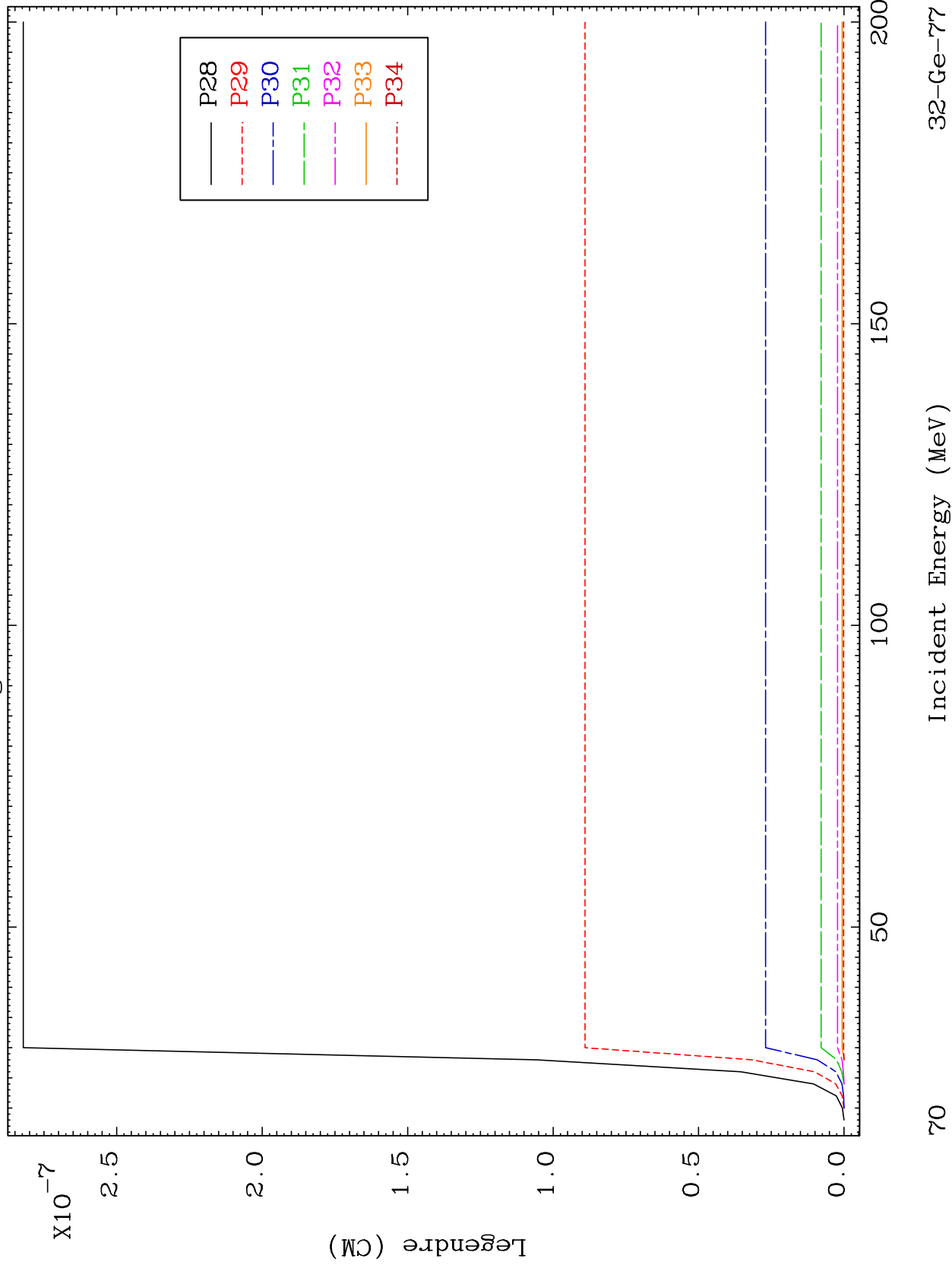
32-Ge-77



MAT 3246

1.053 MeV (n,n') Level
Legendre Coefficients

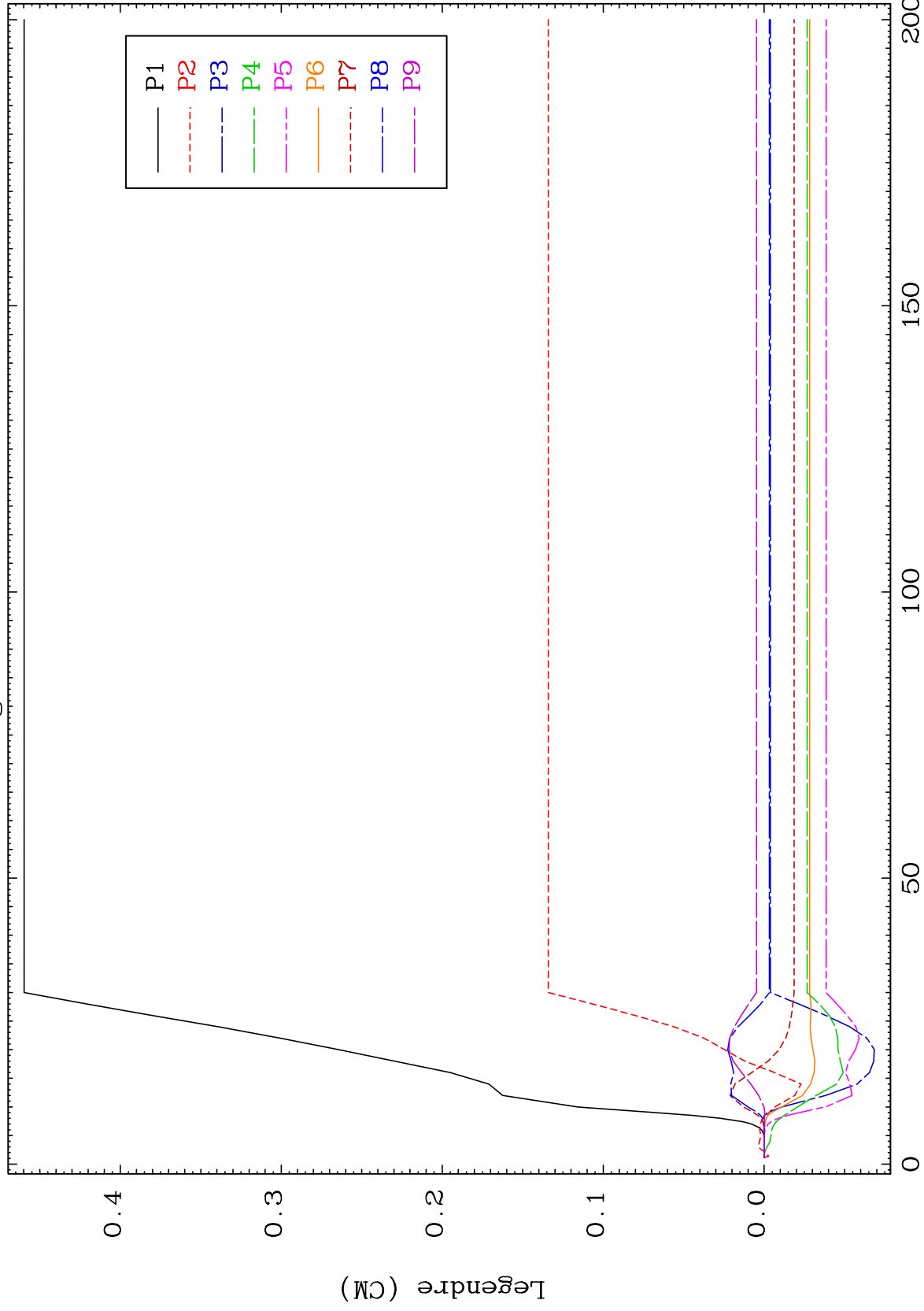
32-Ge-77



MAT 3246

1.111 MeV (n,n') Level
Legendre Coefficients

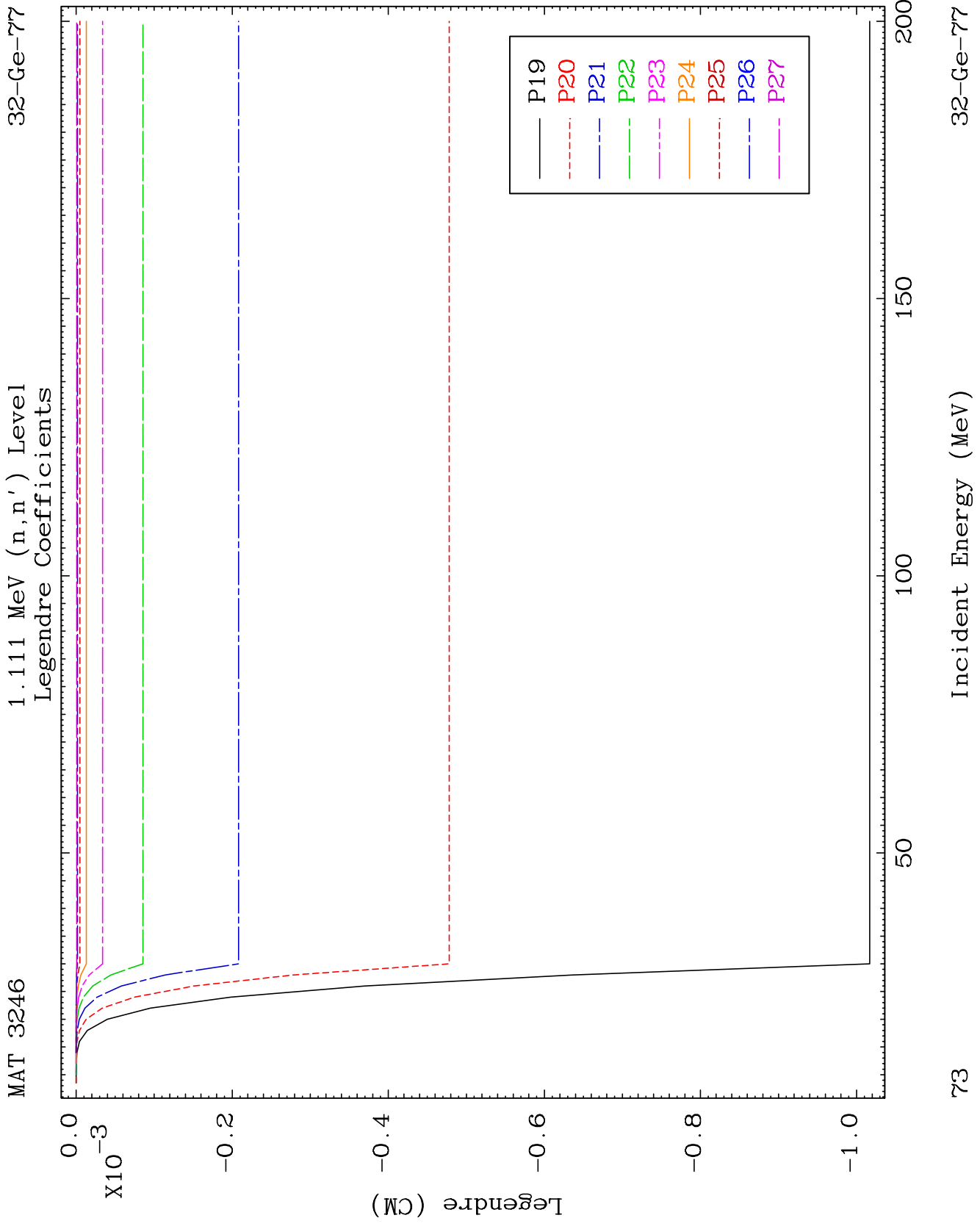
32-Ge-77

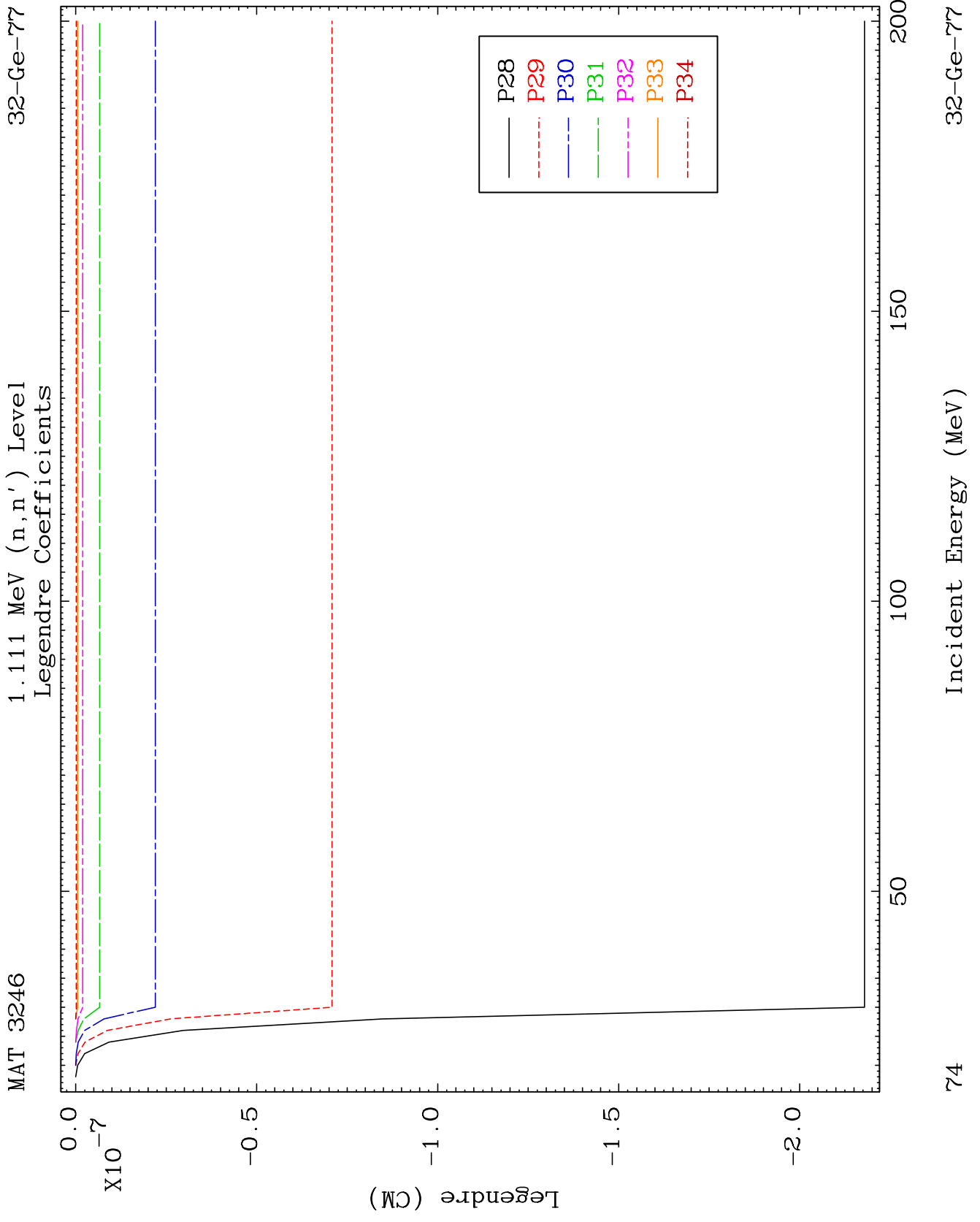


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Incident Energy (MeV)

32-Ge-77

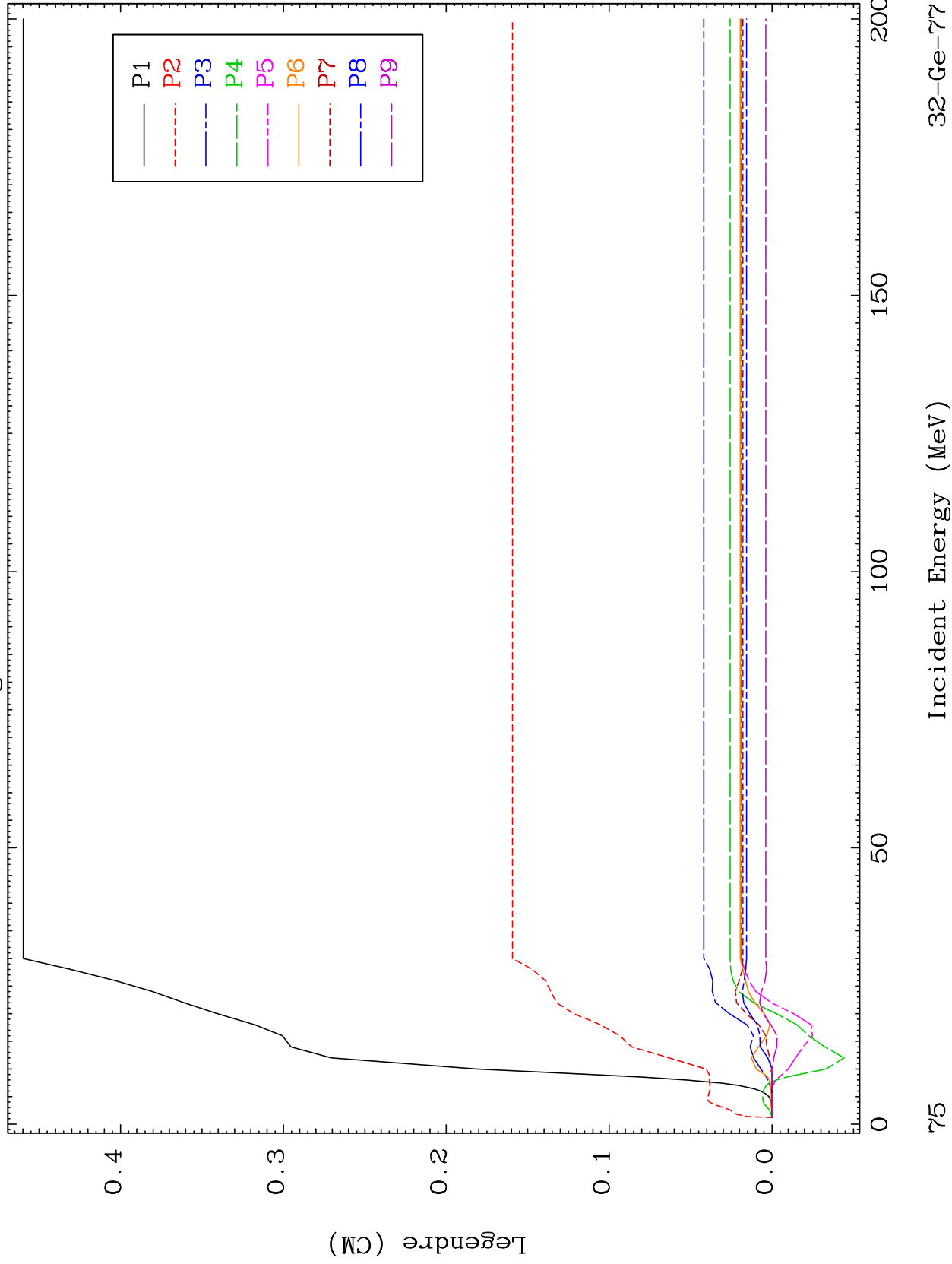




MAT 3246

1.189 MeV (n,n') Level
Legendre Coefficients

32-Ge-77



32-Ge-77

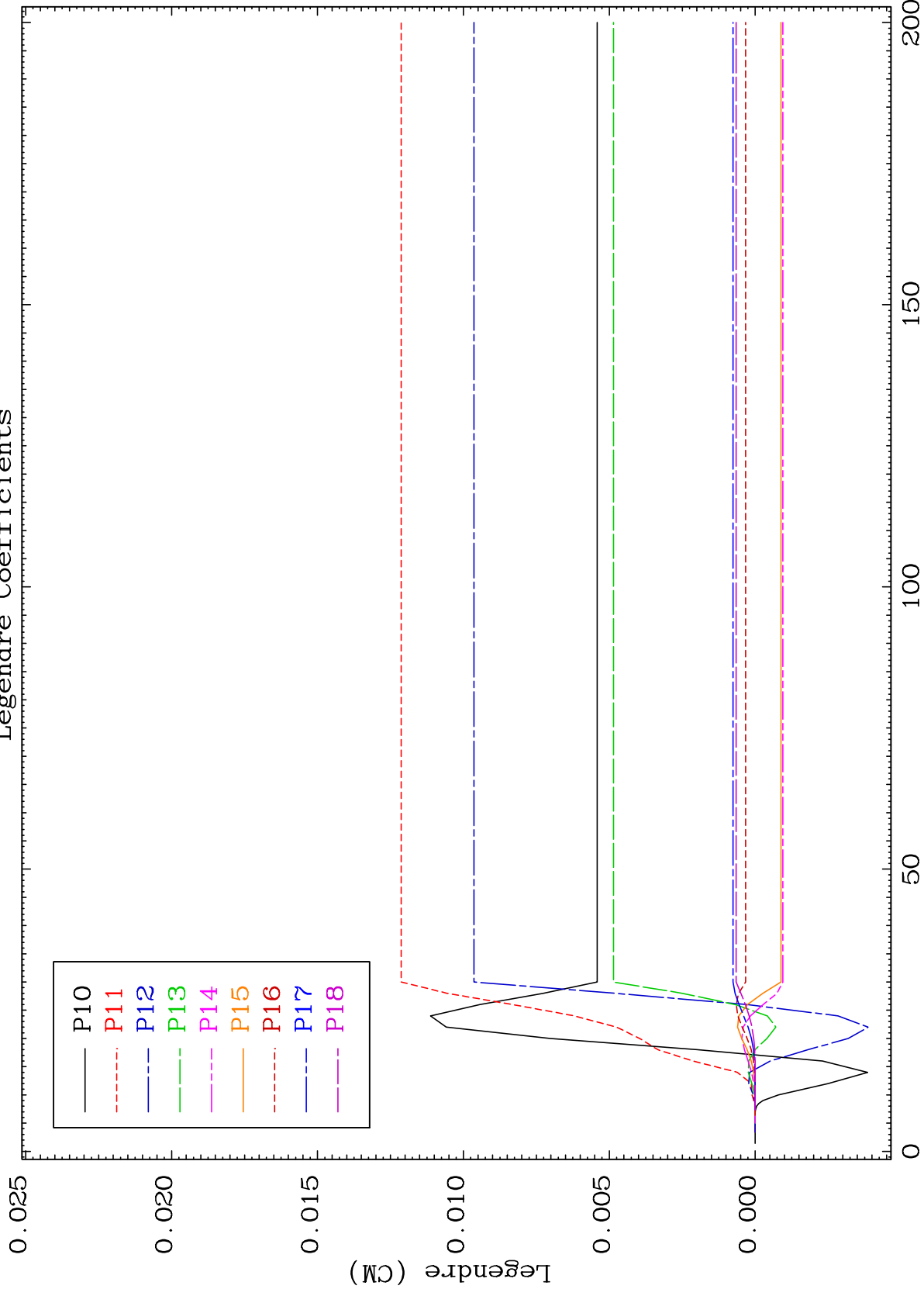
Incident Energy (MeV)

75

MAT 3246

1.189 MeV (n,n') Level
Legendre Coefficients

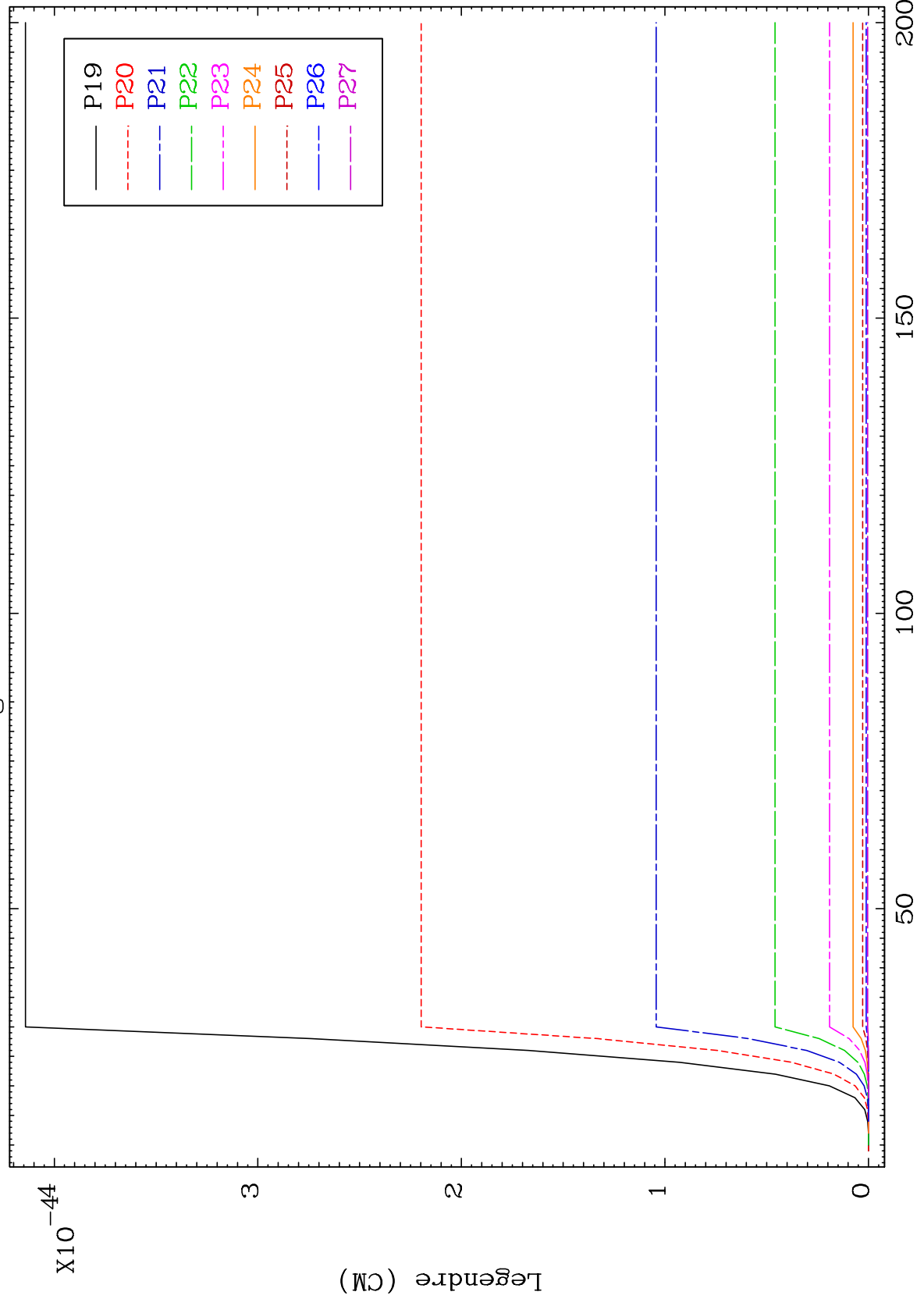
32-Ge-77

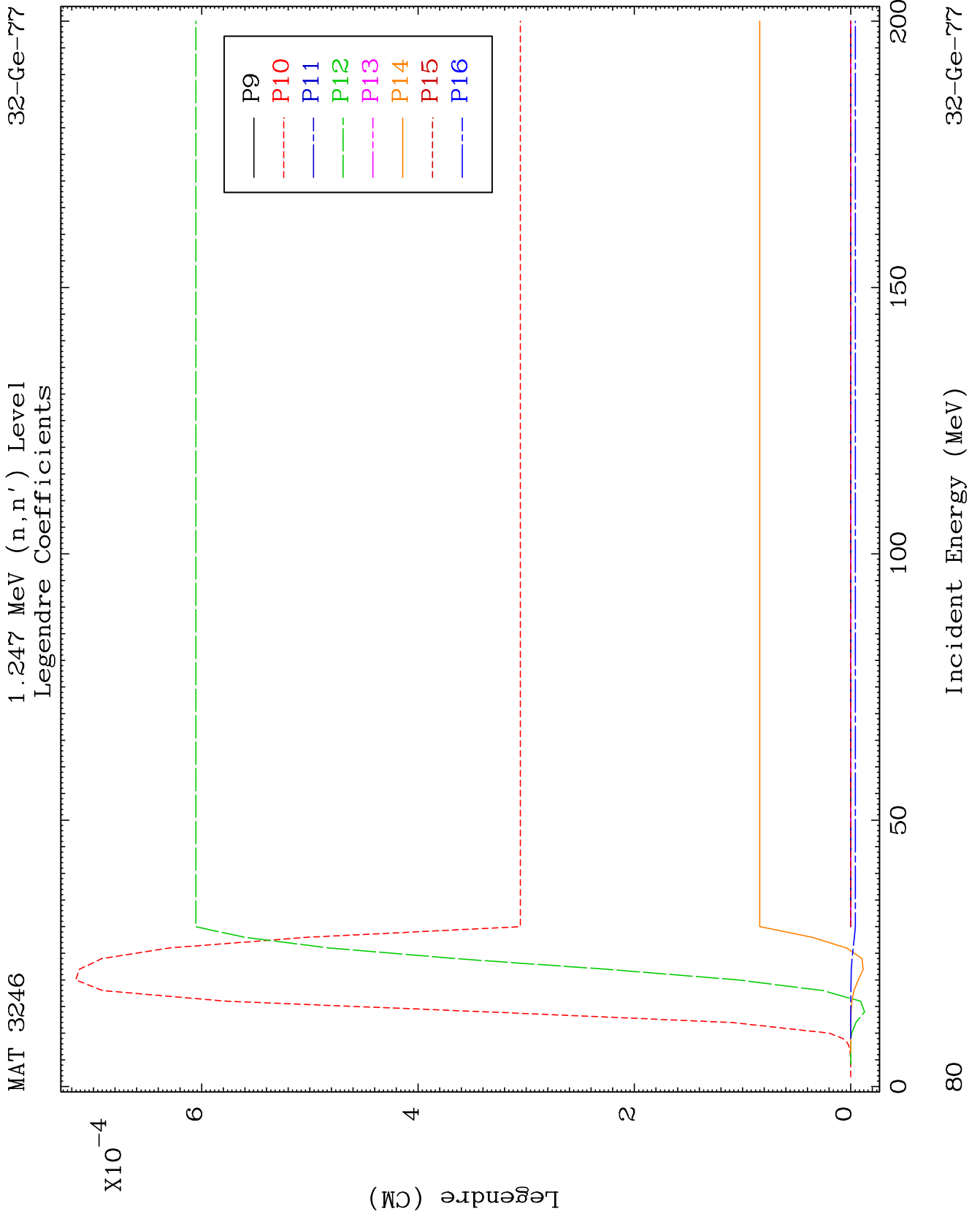


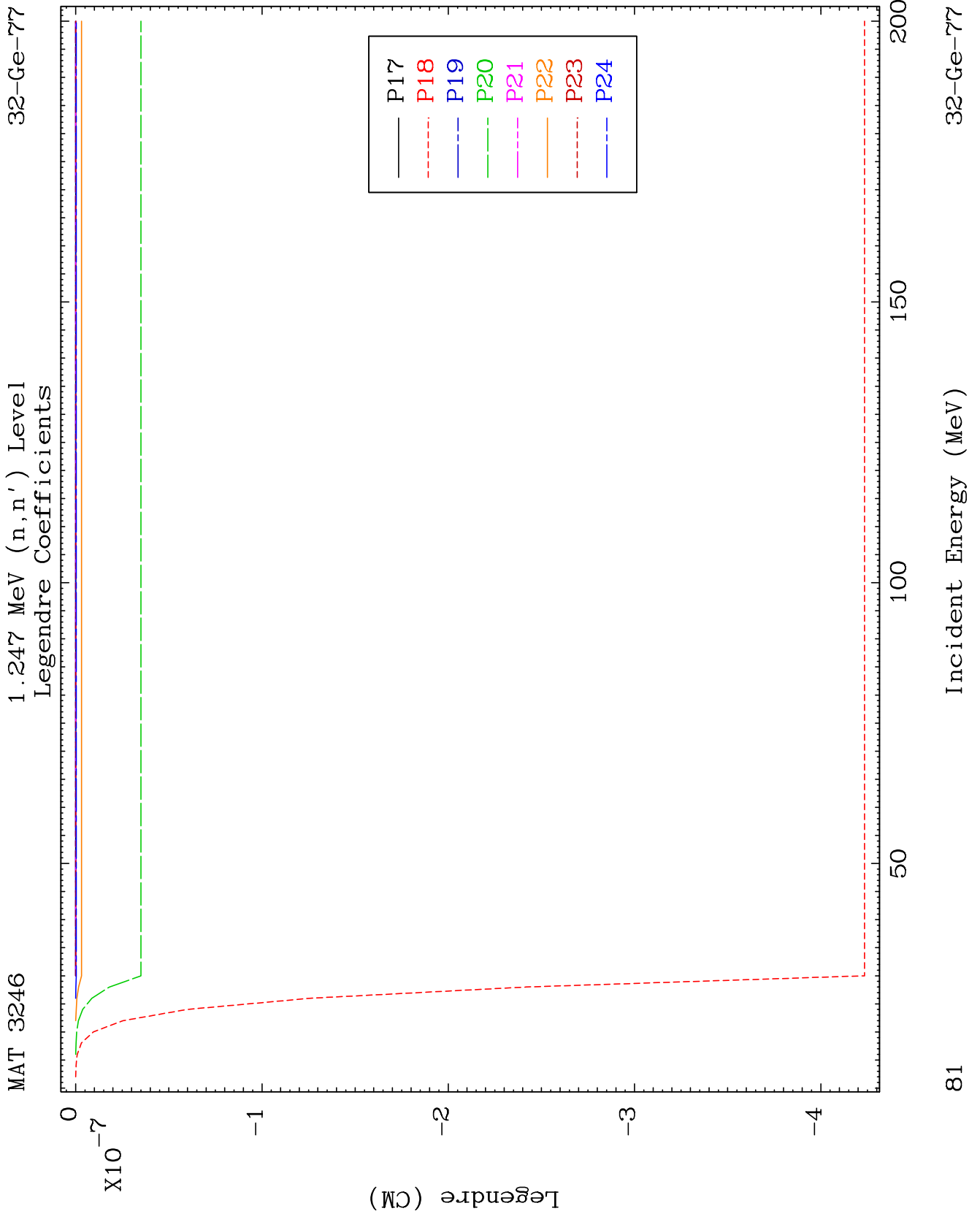
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Incident Energy (MeV)

32-Ge-77



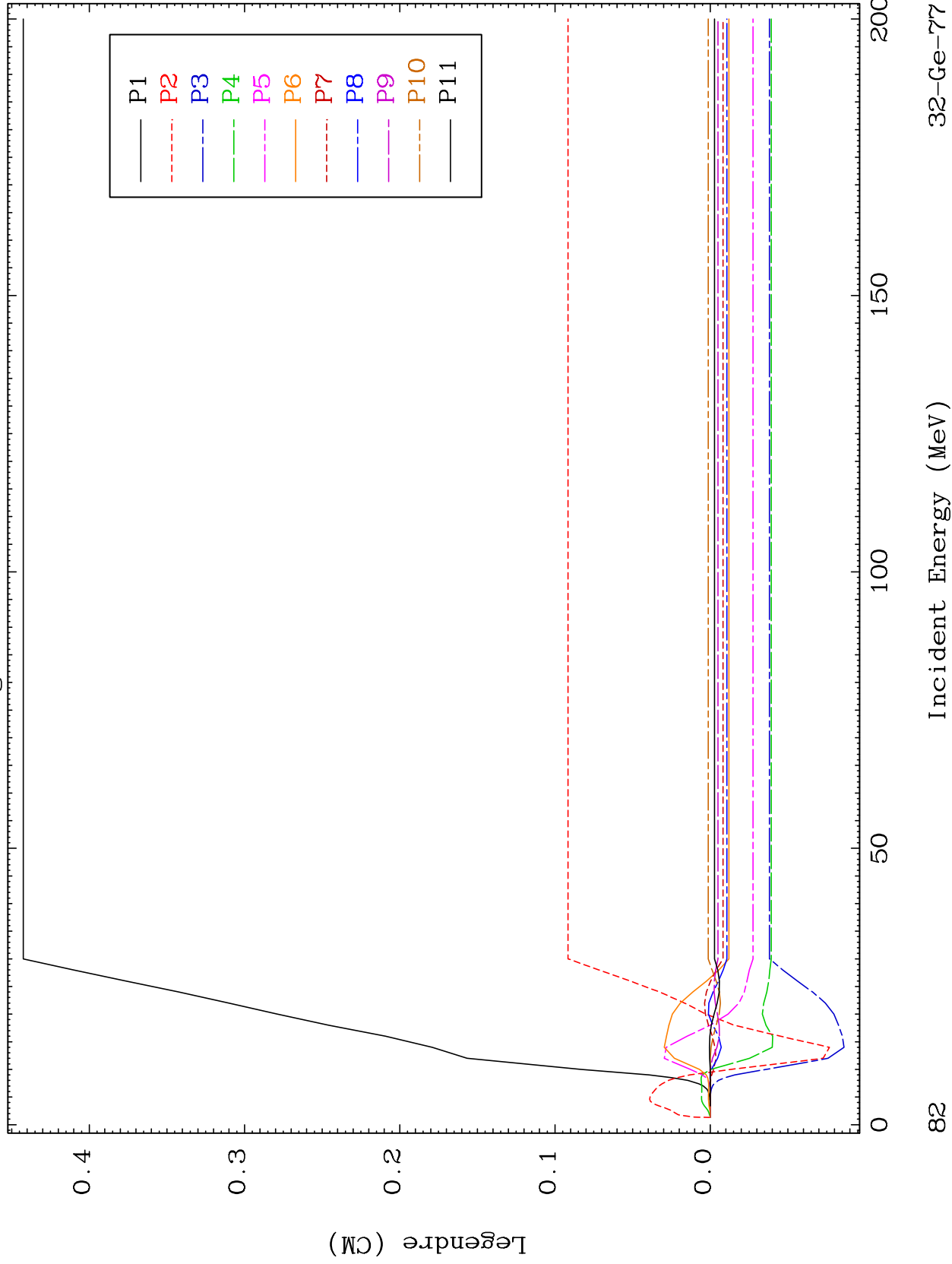


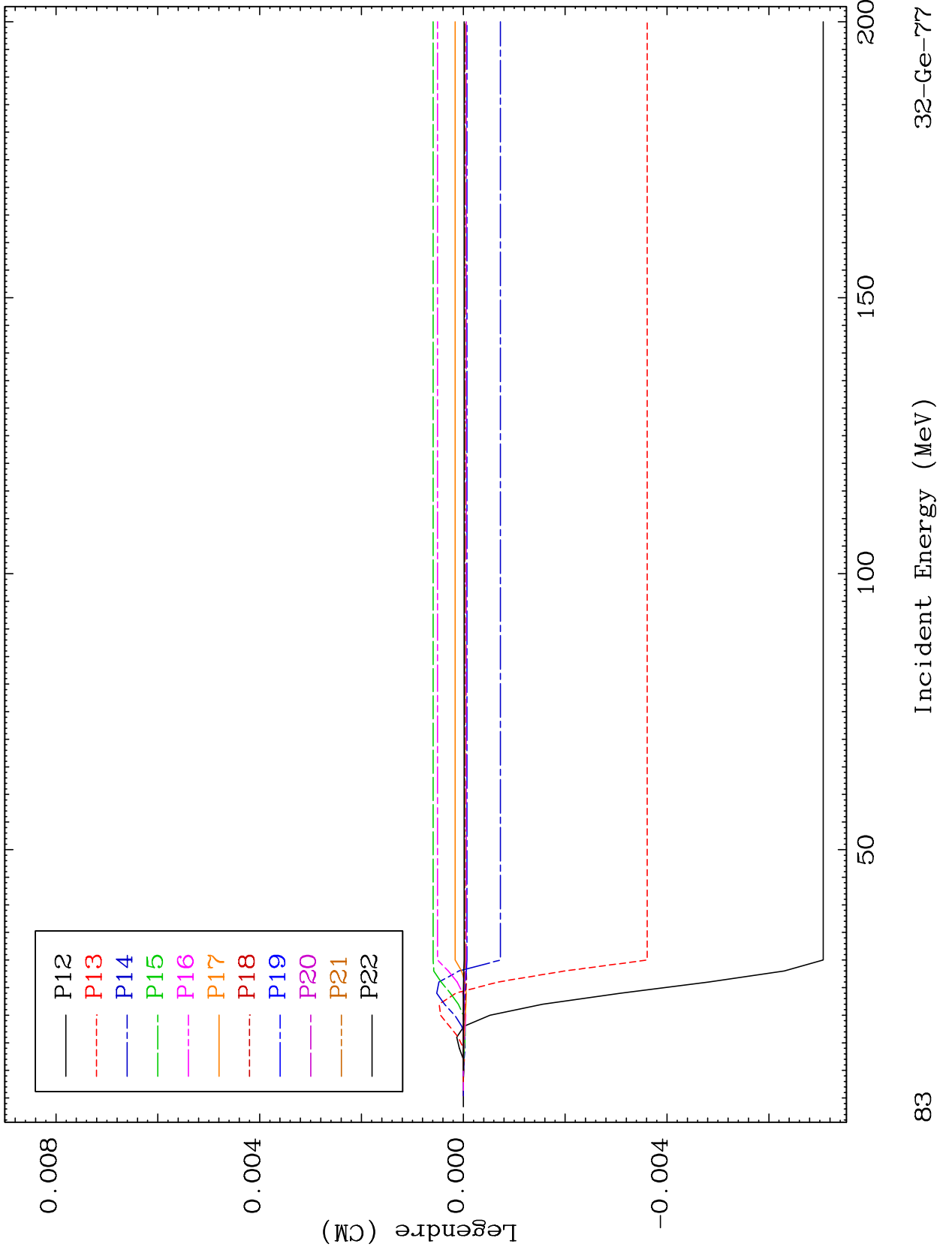


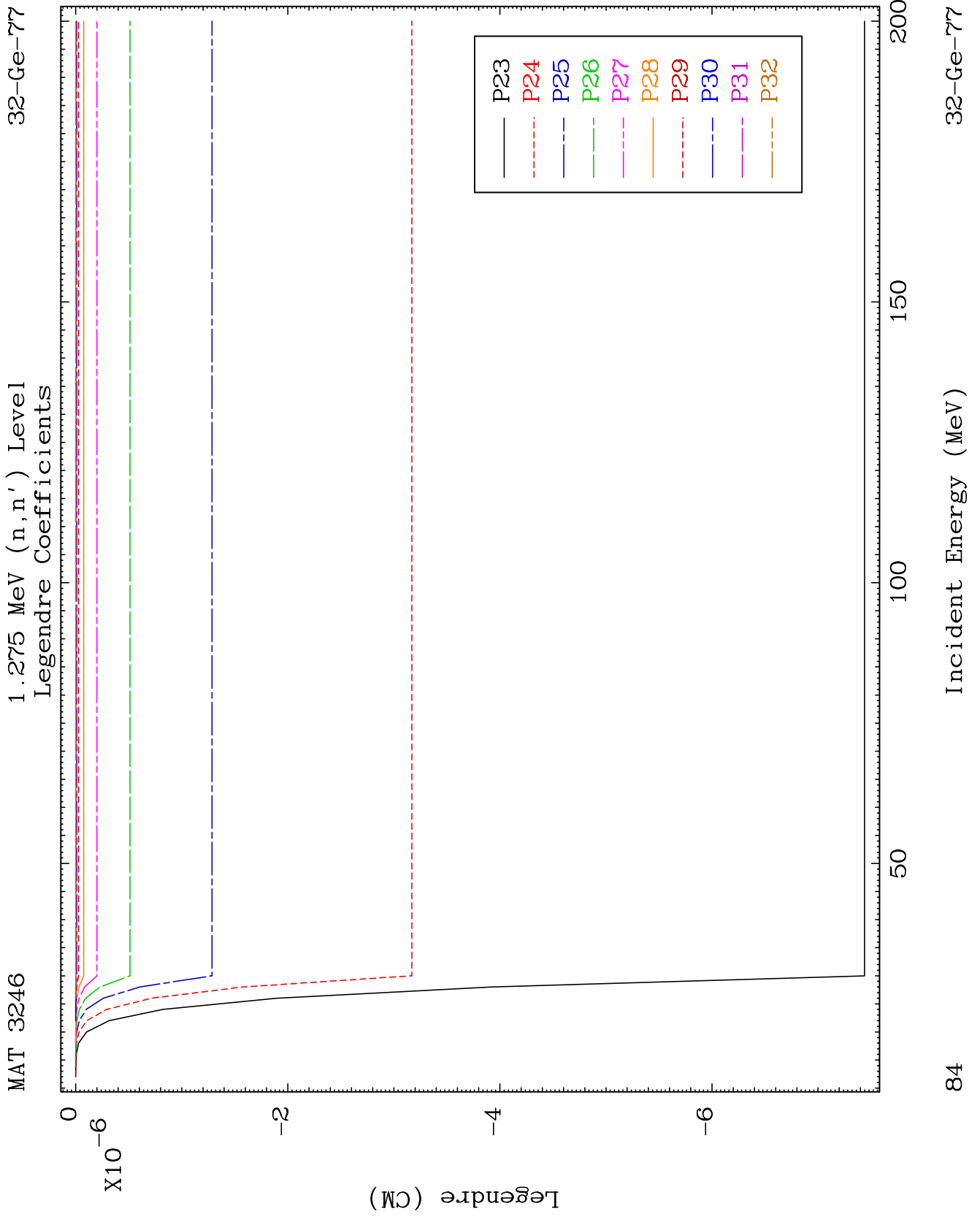
MAT 3246

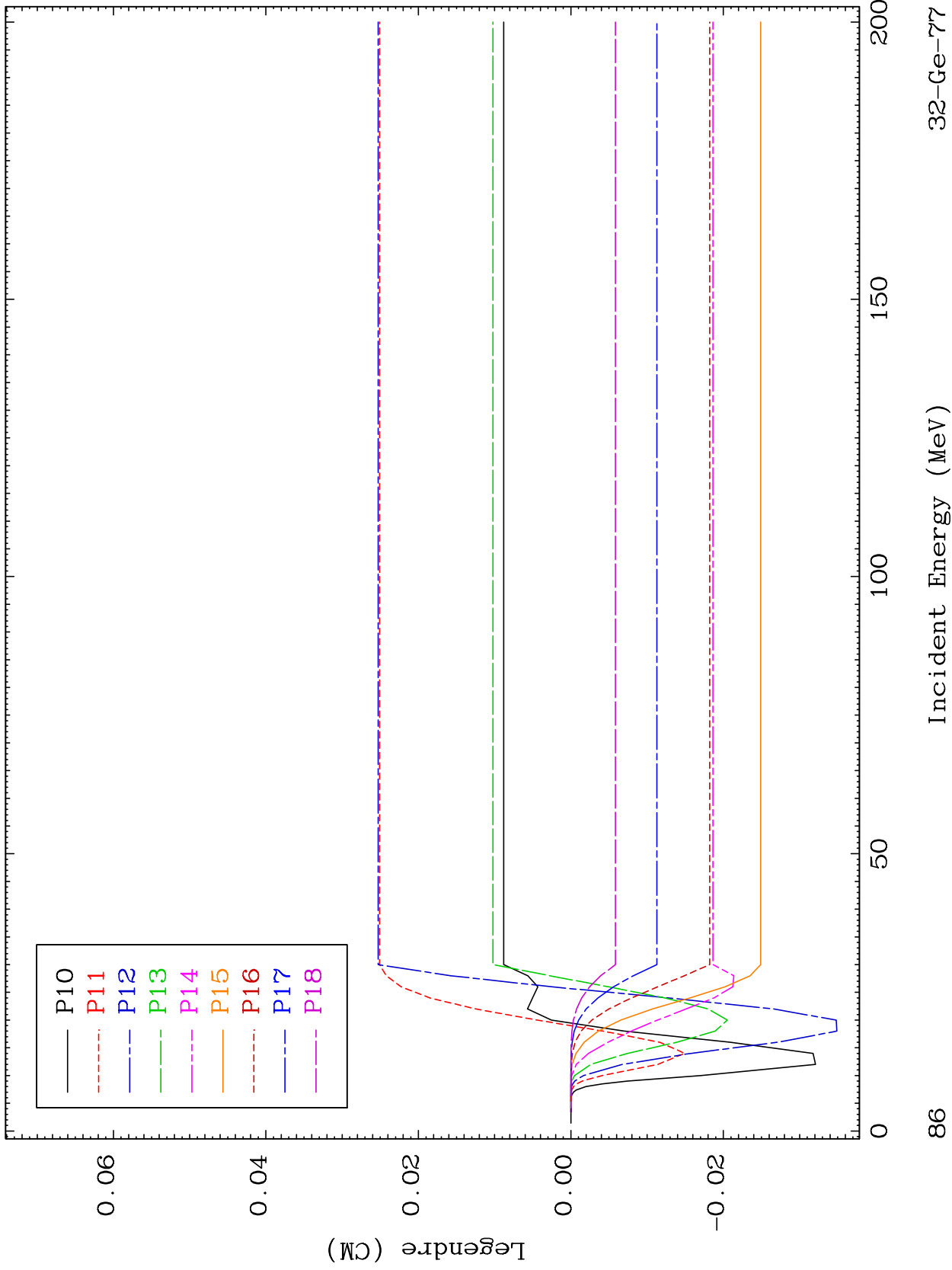
1.275 MeV (n,n') Level
Legendre Coefficients

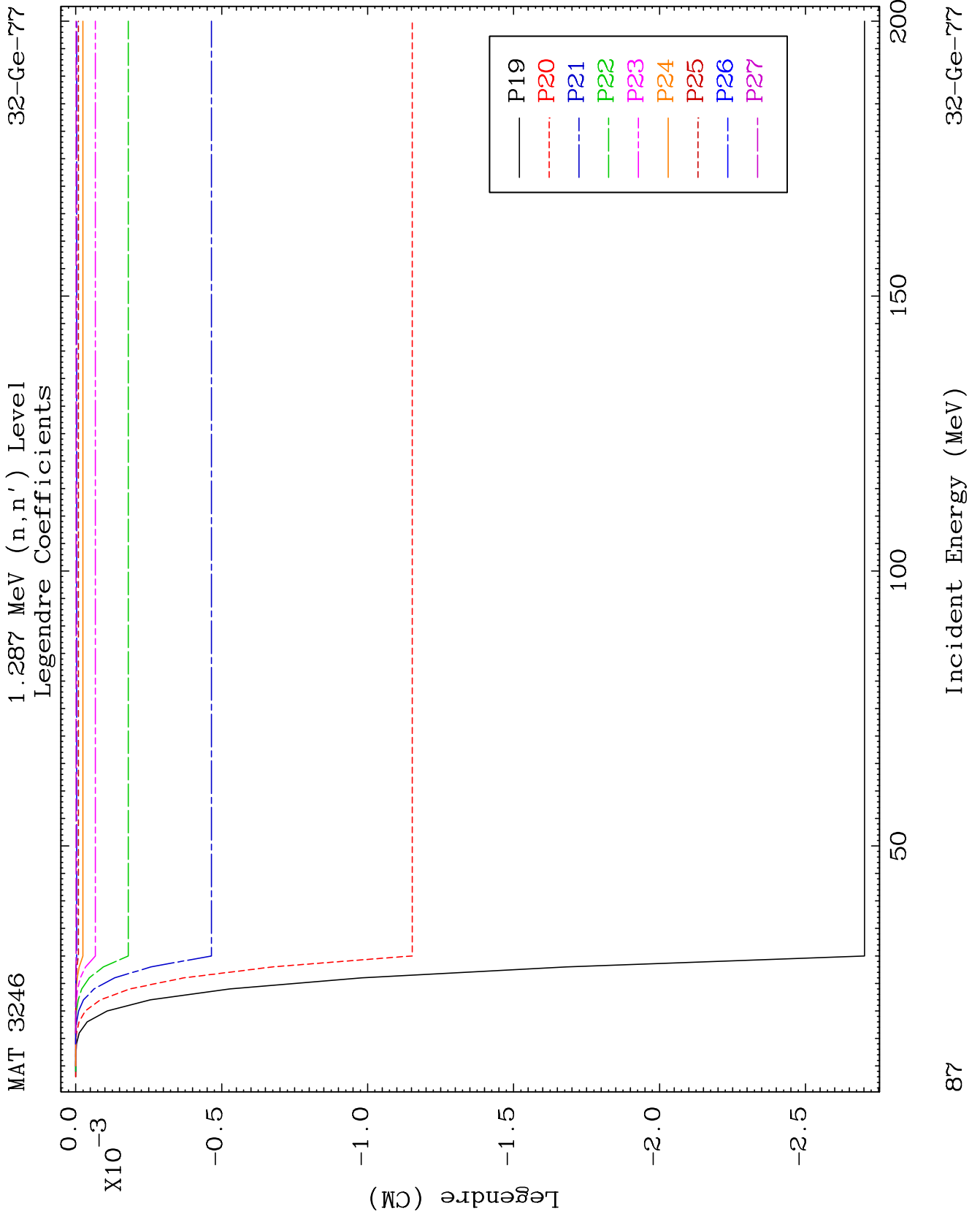
32-Ge-77

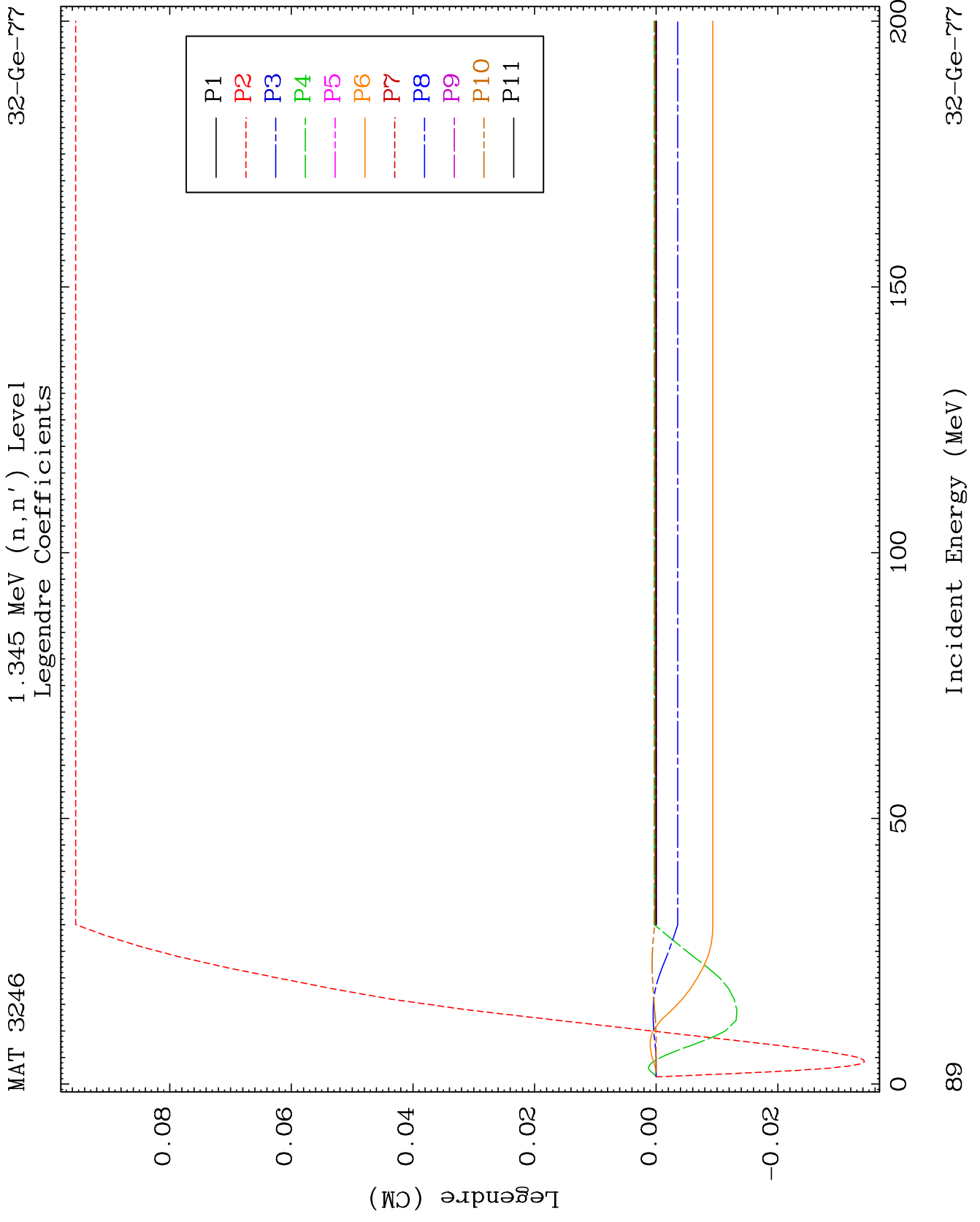








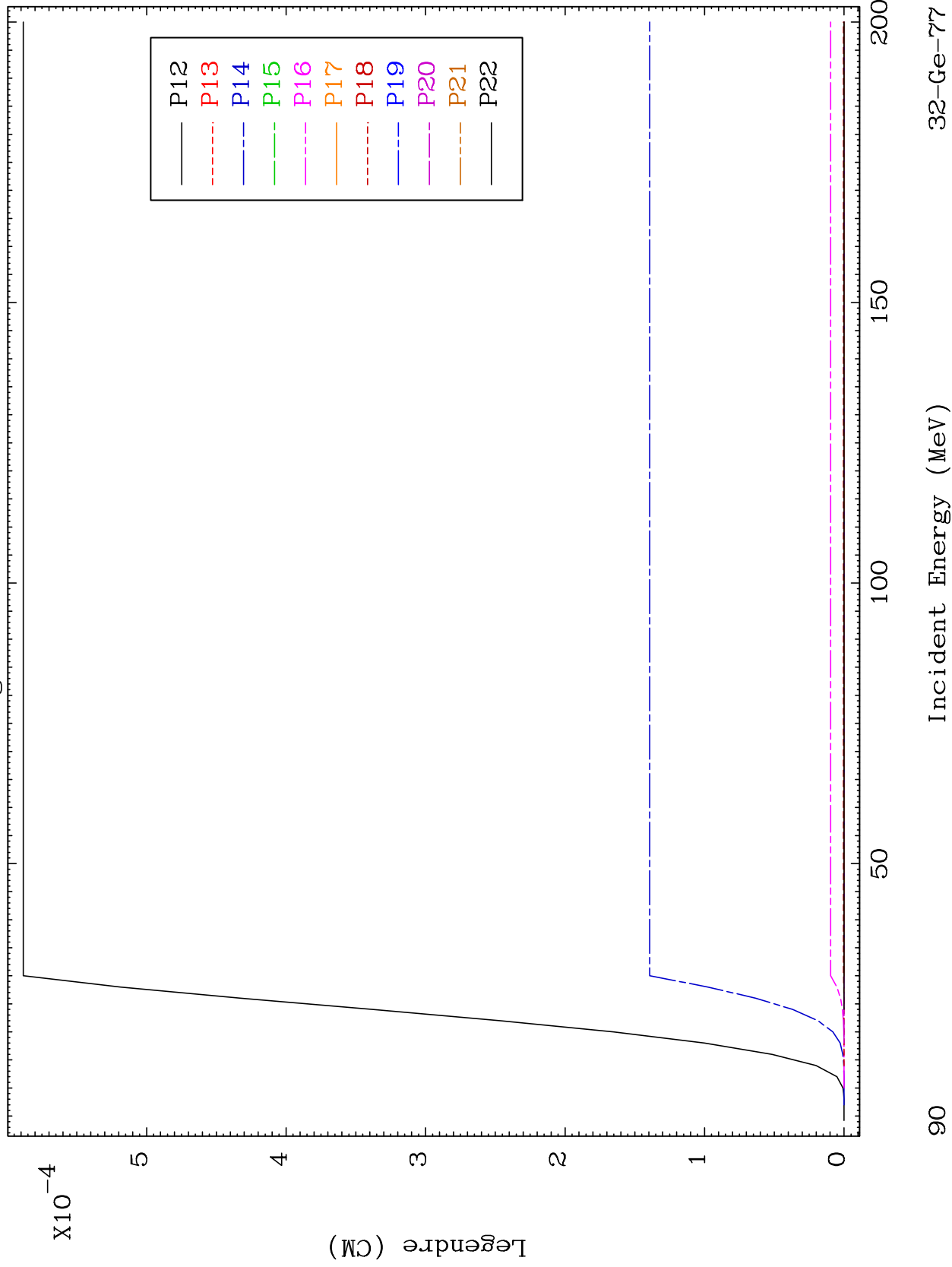




MAT 3246

1.345 MeV (n,n') Level
Legendre Coefficients

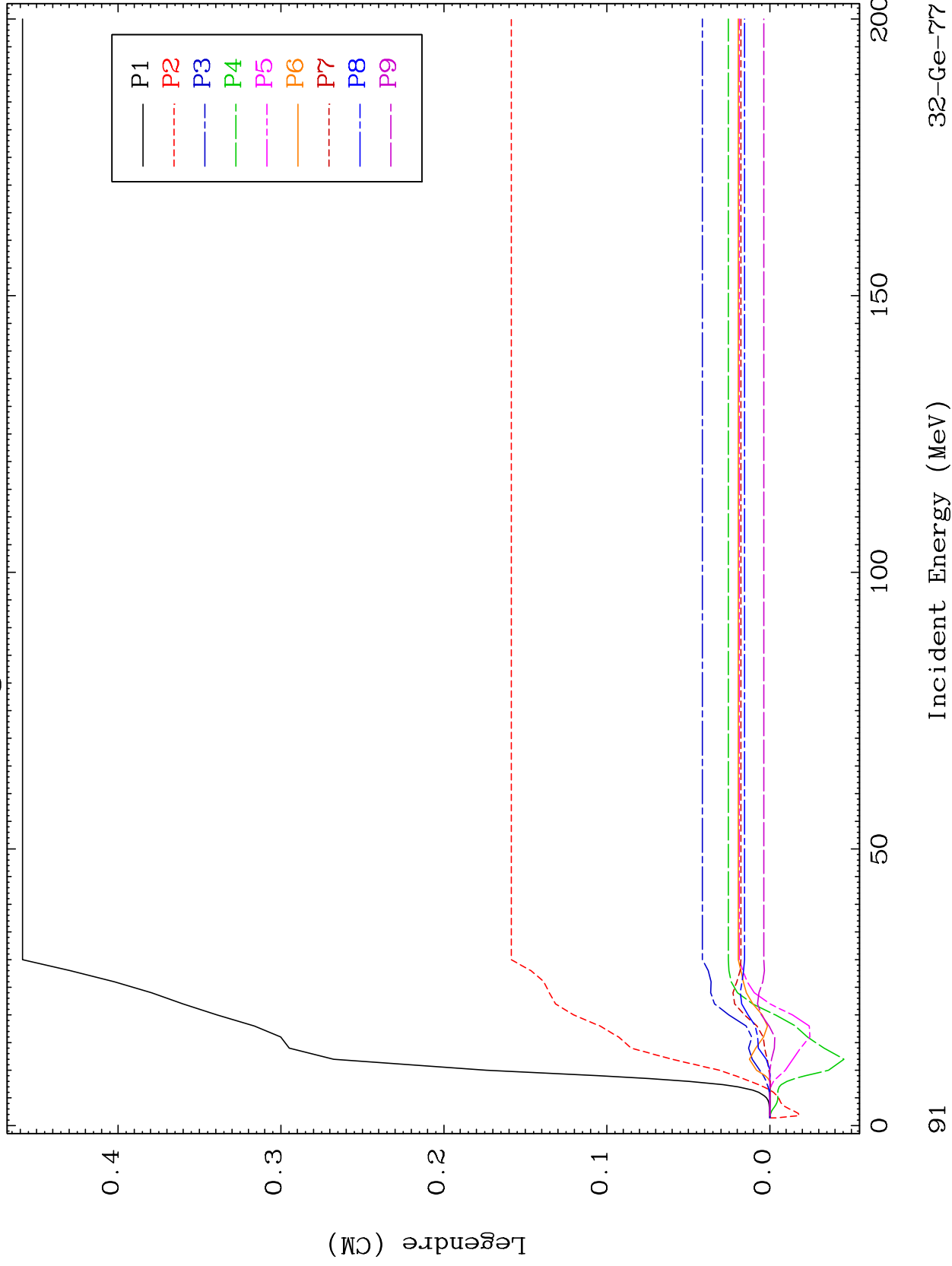
32-Ge-77



MAT 3246

1.359 MeV (n,n') Level
Legendre Coefficients

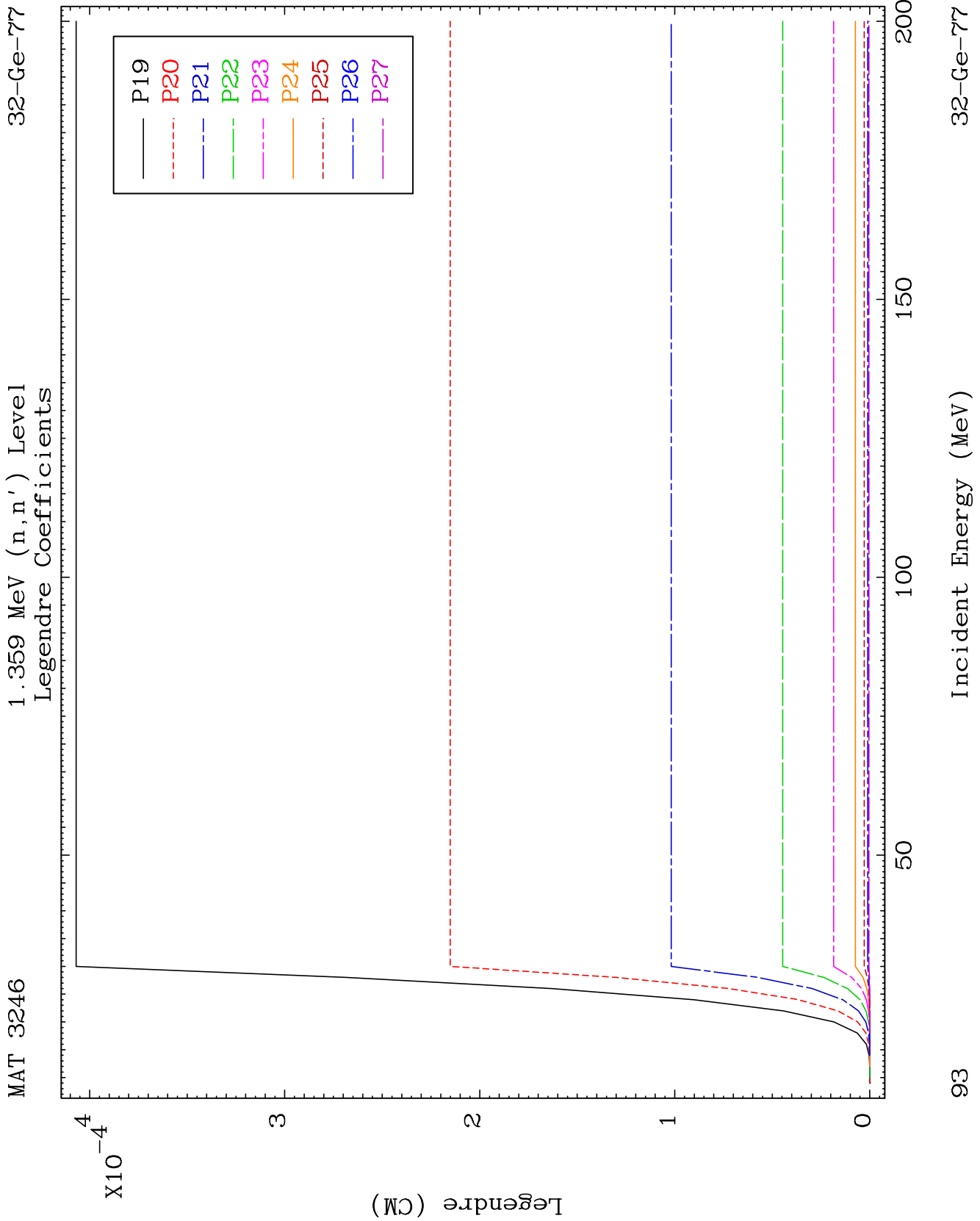
32-Ge-77



91

Incident Energy (MeV)

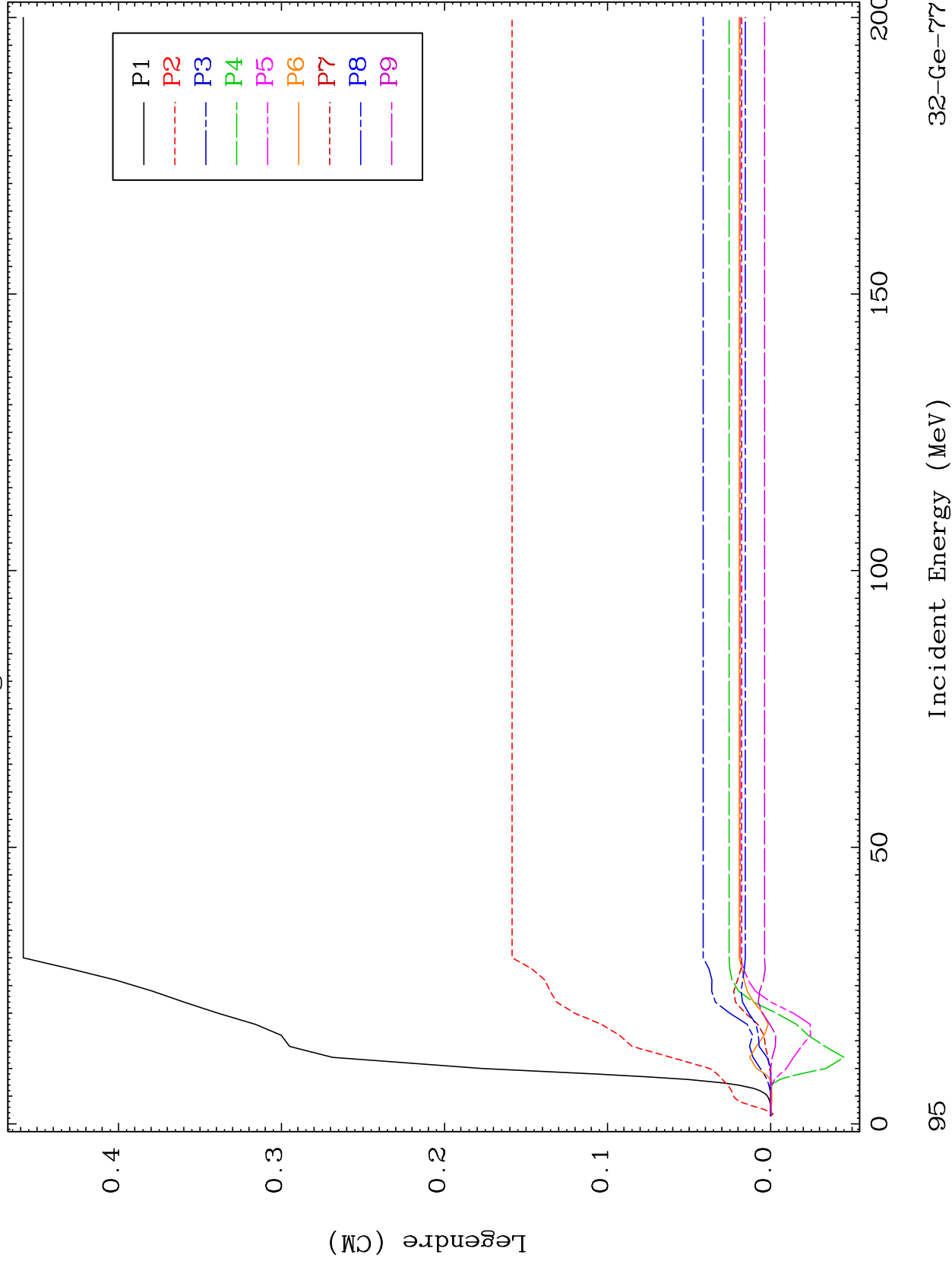
32-Ge-77



MAT 3246

1.385 MeV (n,n') Level
Legendre Coefficients

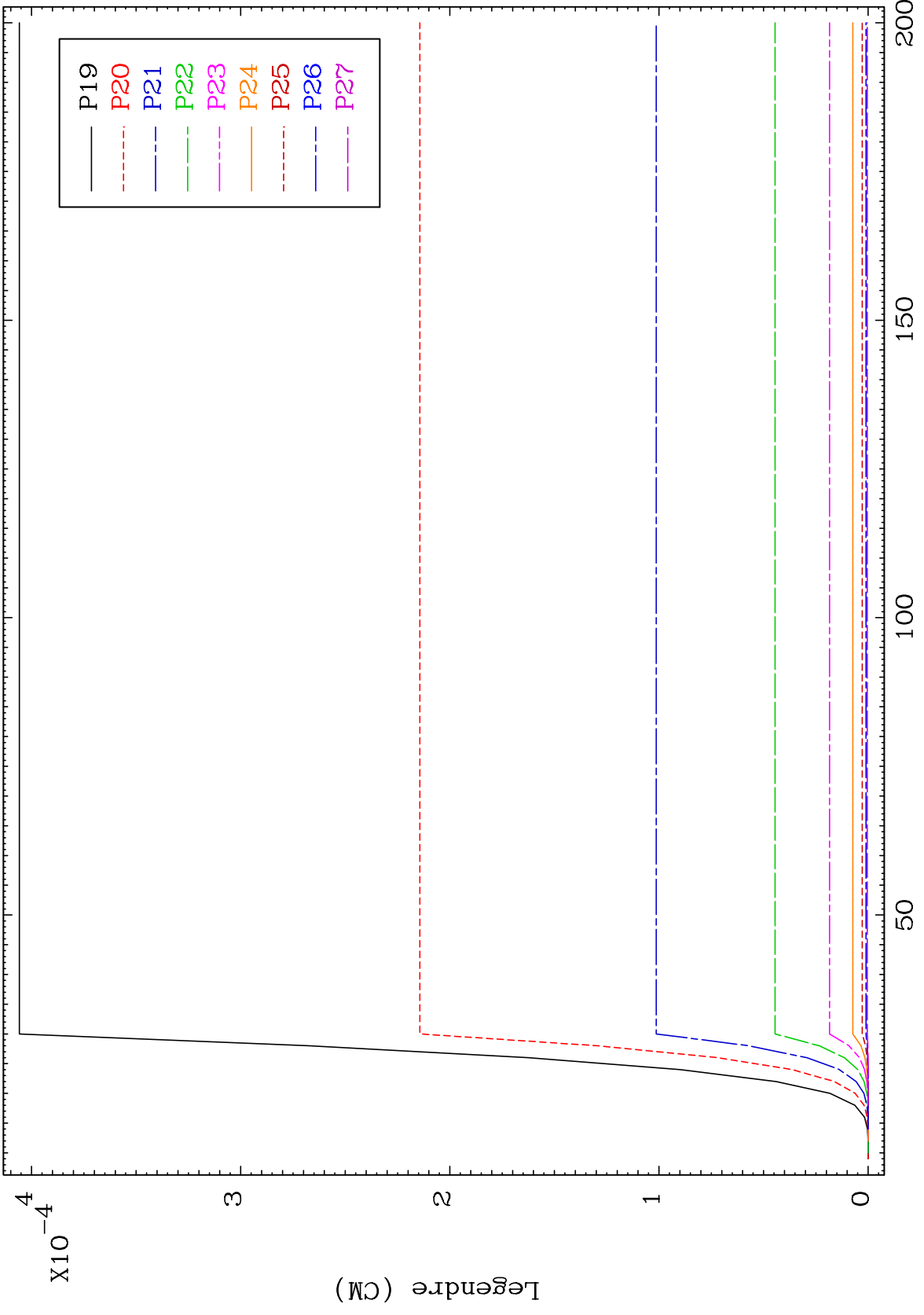
32-Ge-77



32-Ge-77

Incident Energy (MeV)

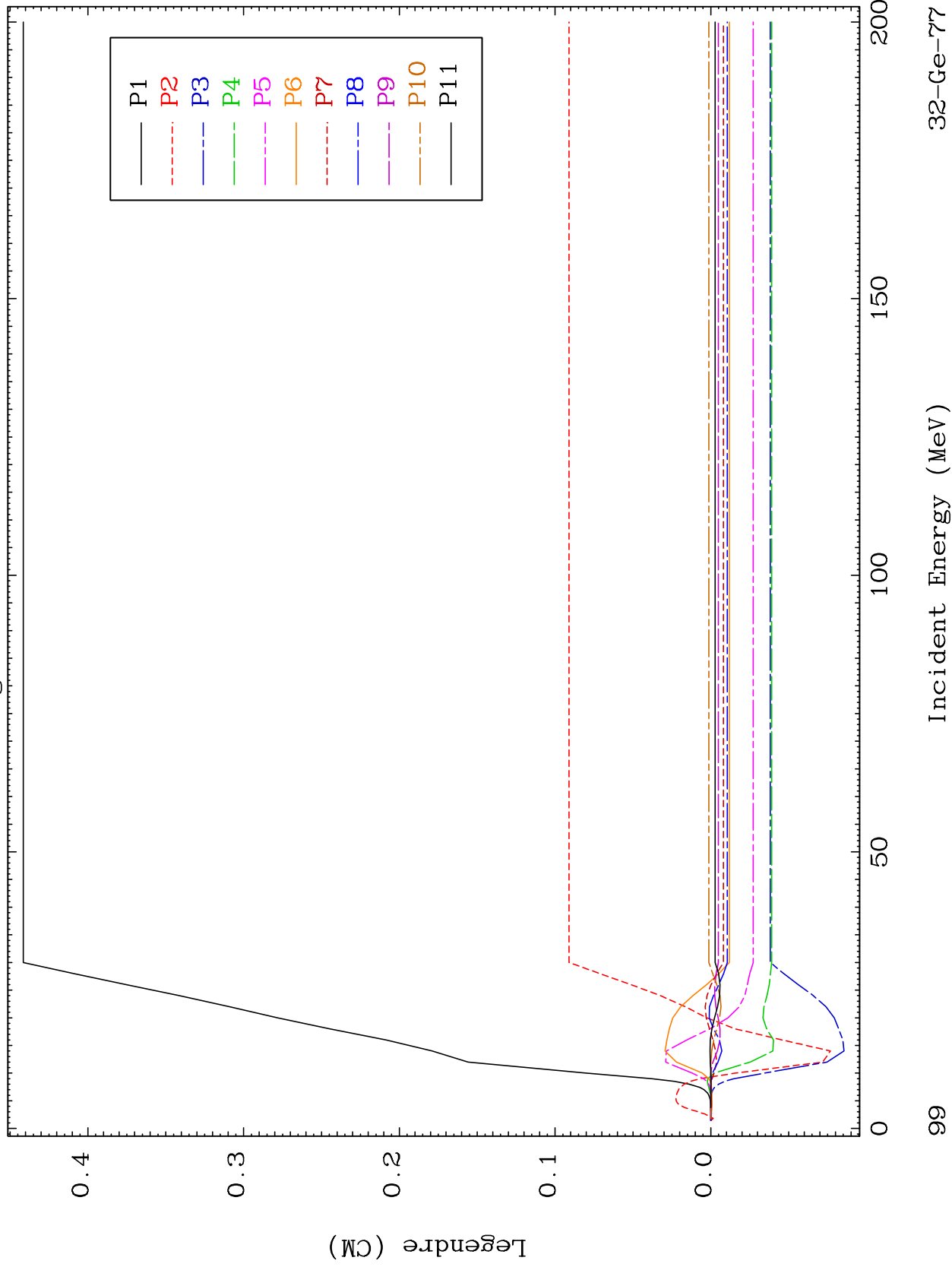
95



MAT 3246

1.408 MeV (n,n') Level
Legendre Coefficients

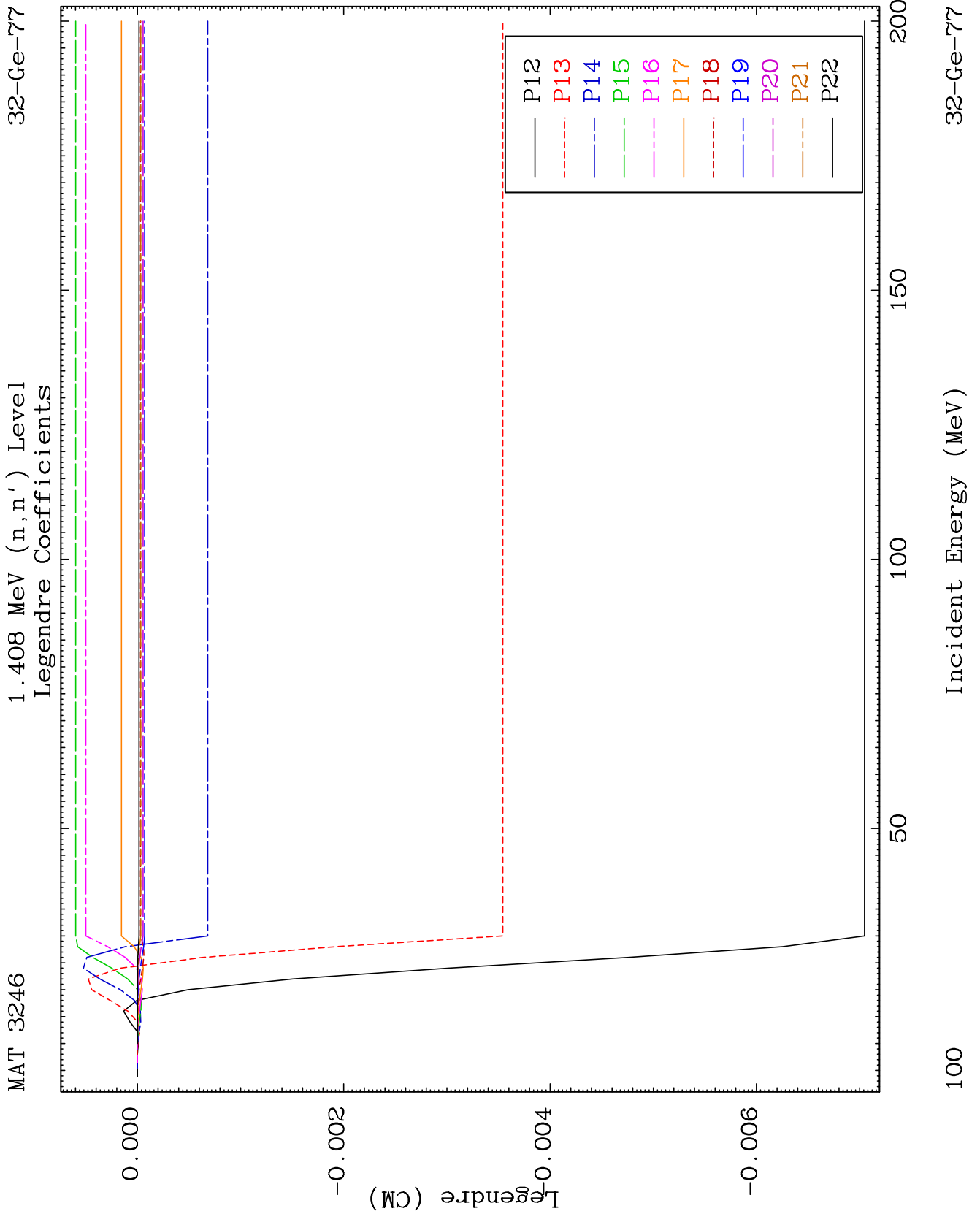
32-Ge-77

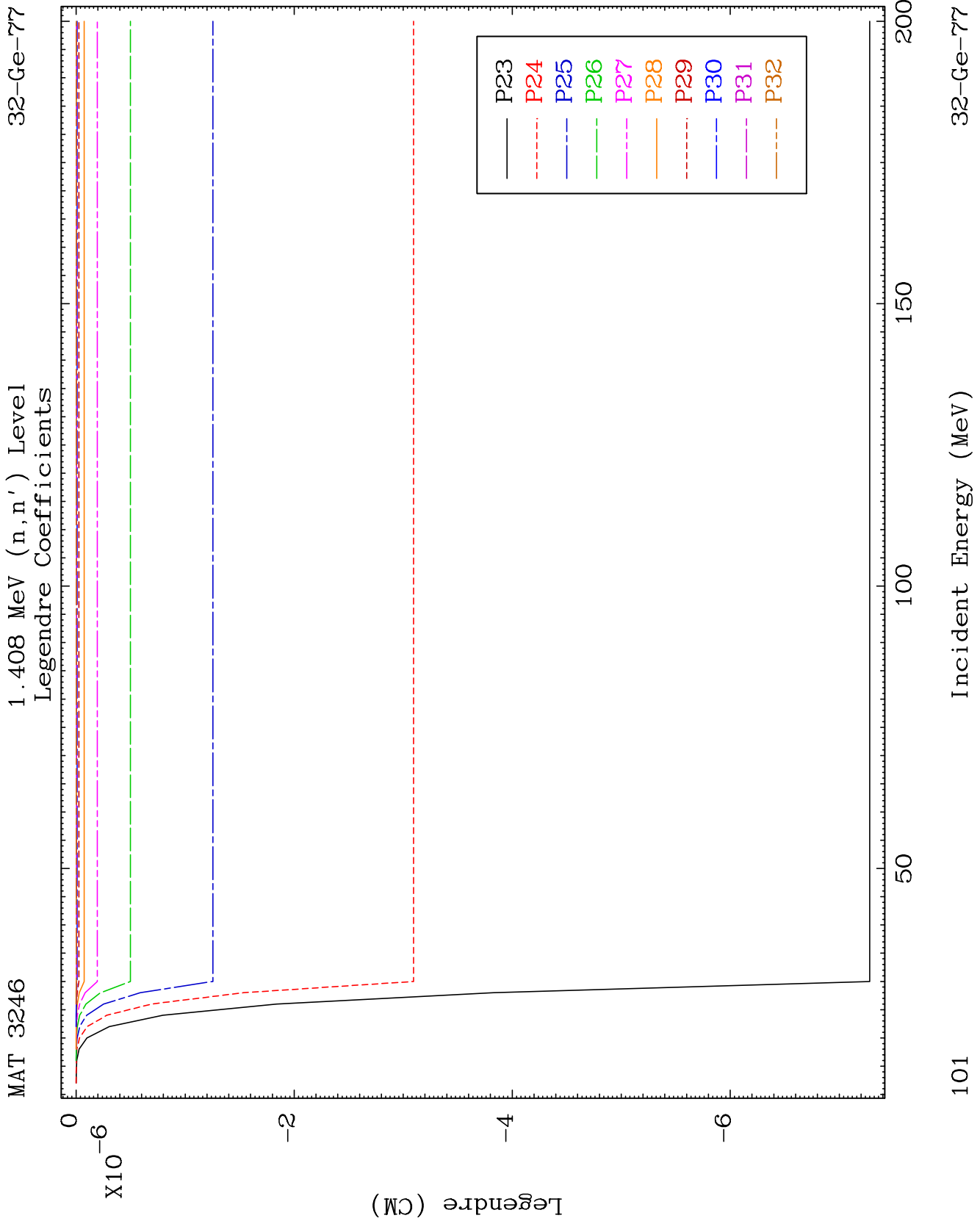


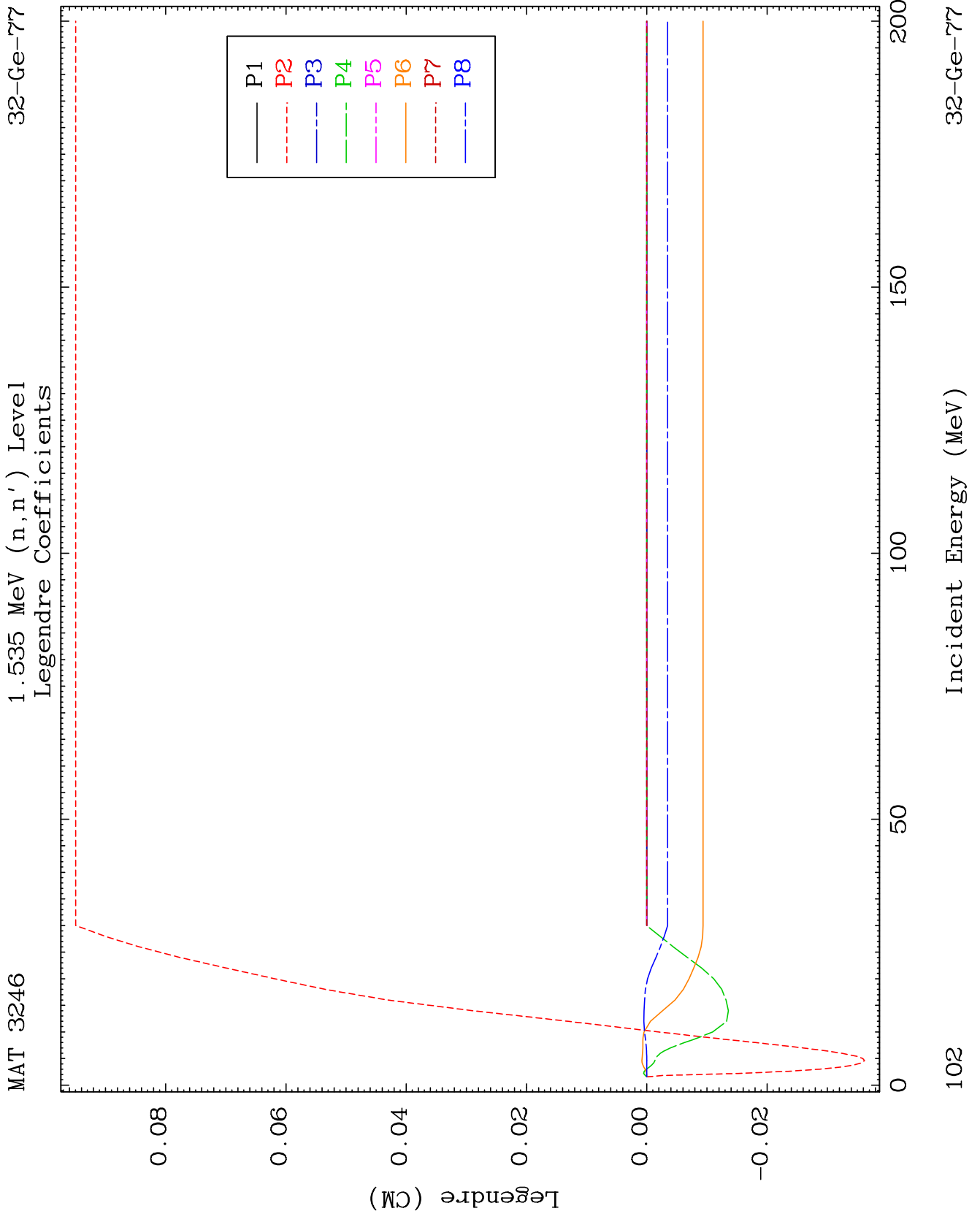
32-Ge-77

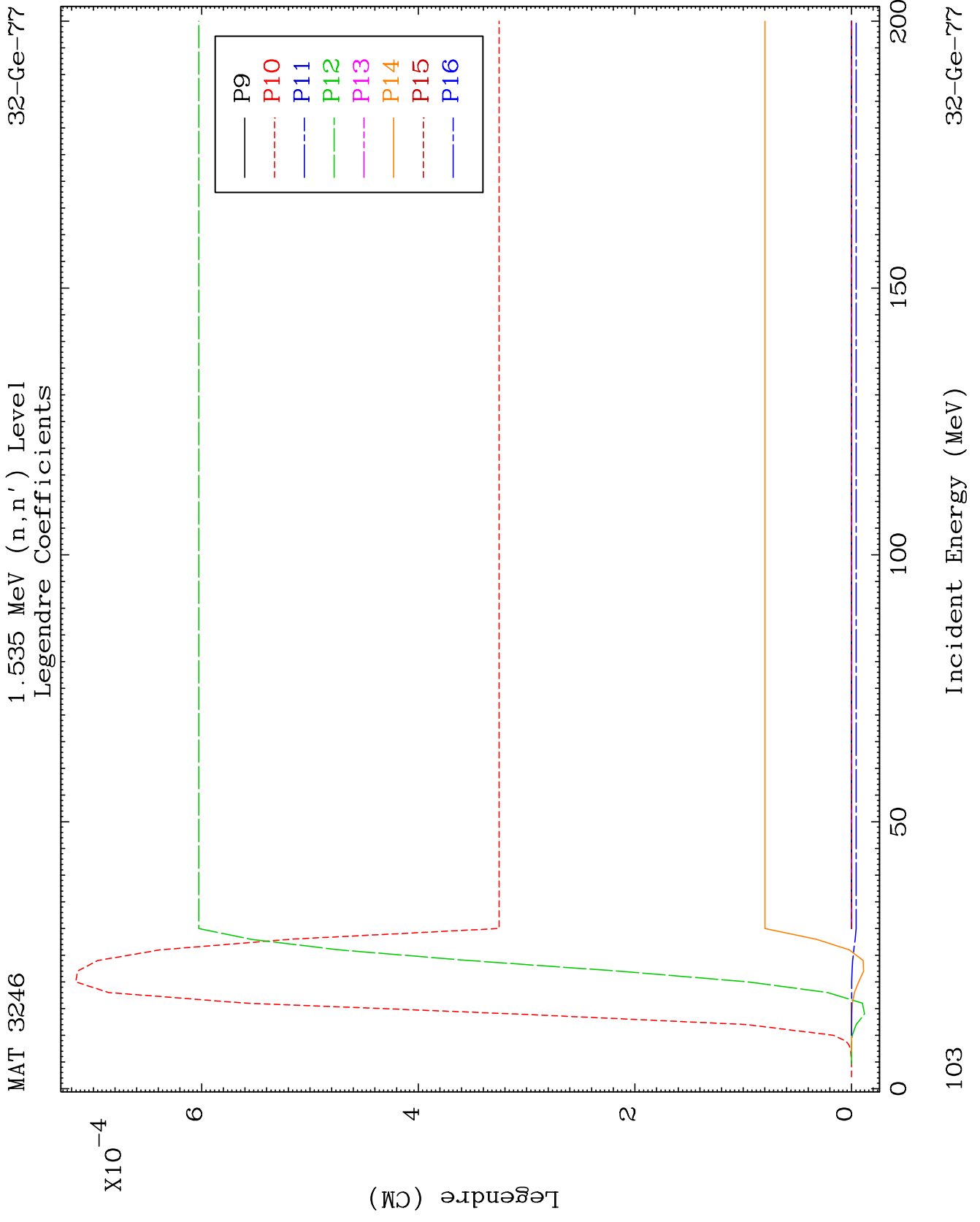
Incident Energy (MeV)

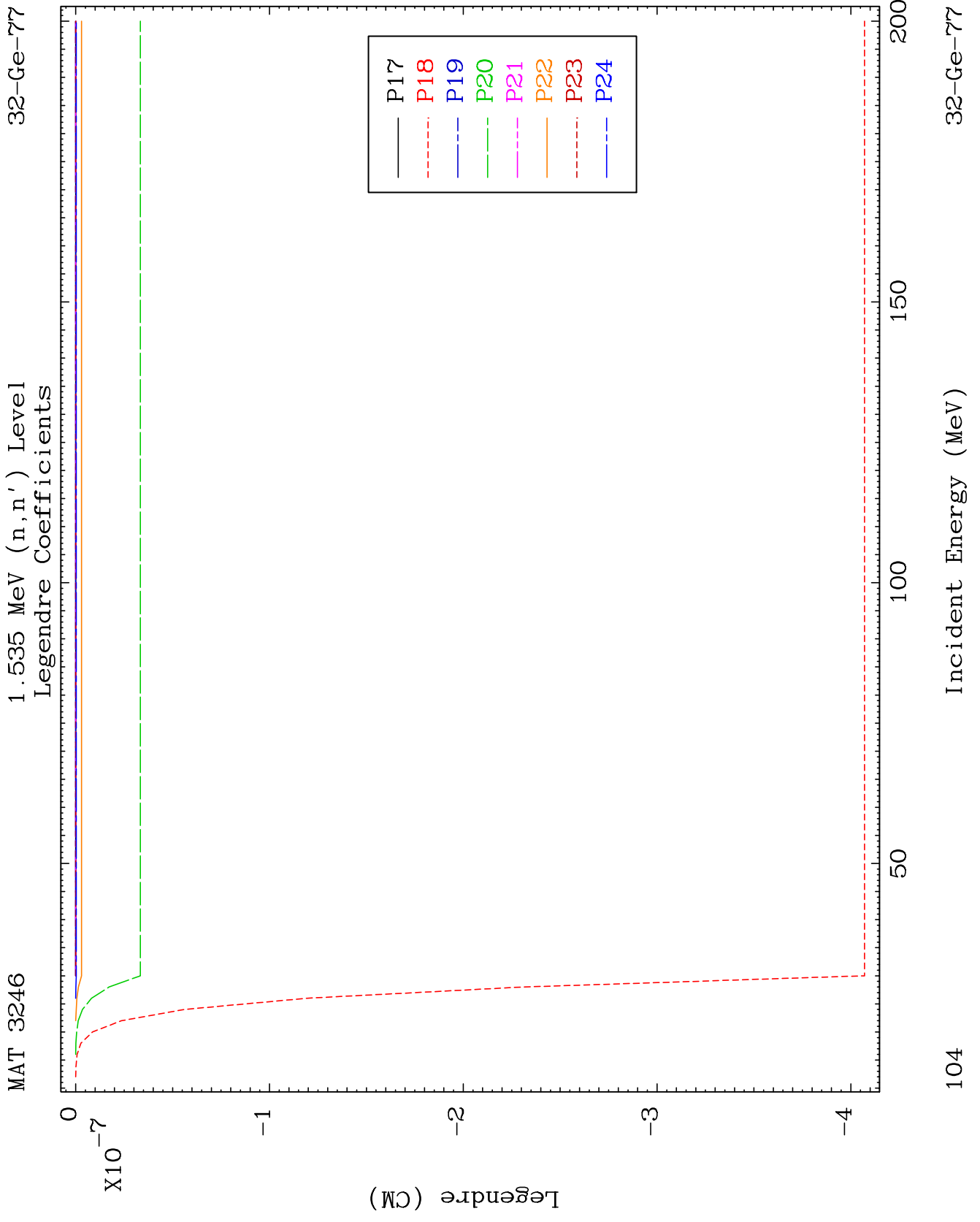
99

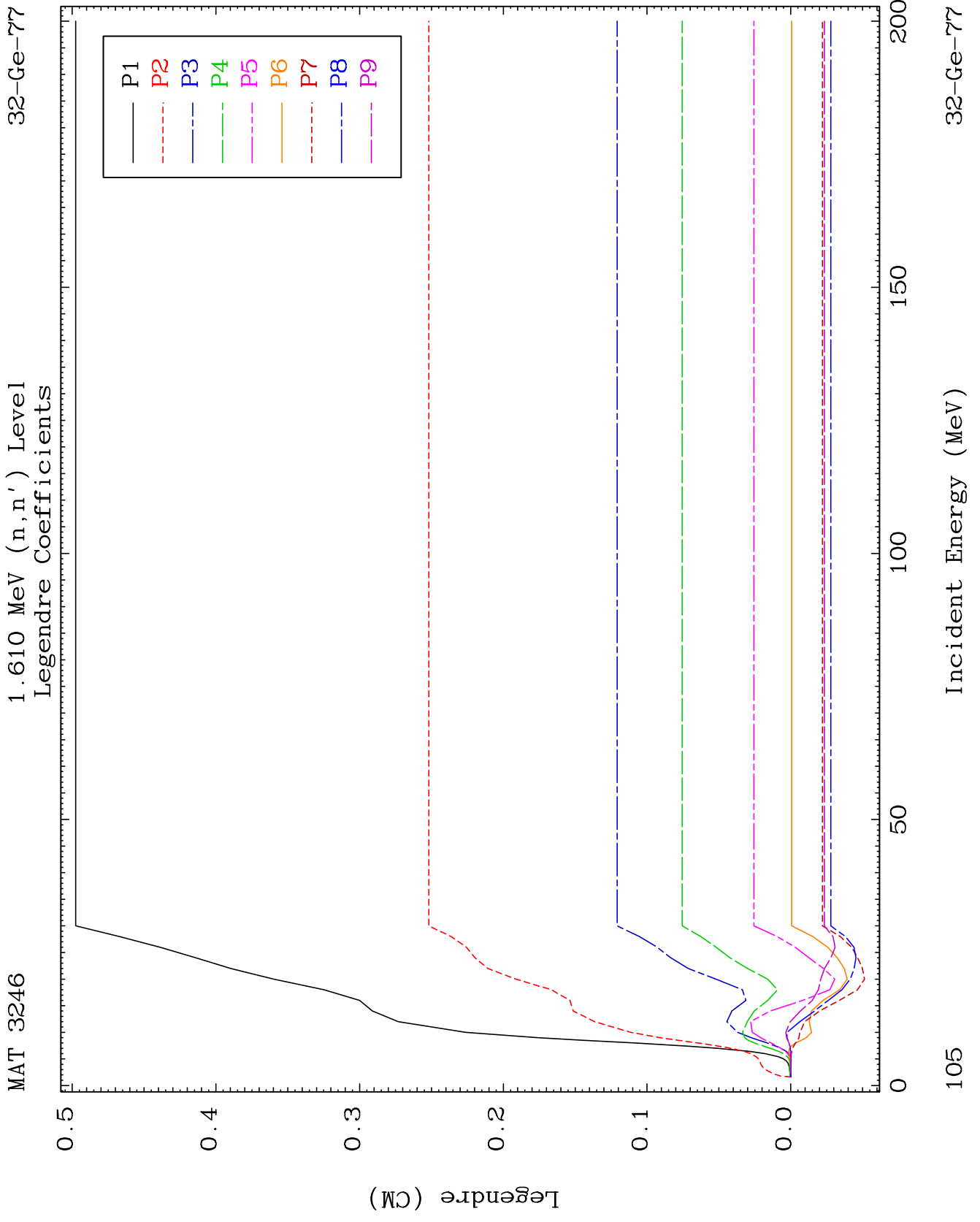


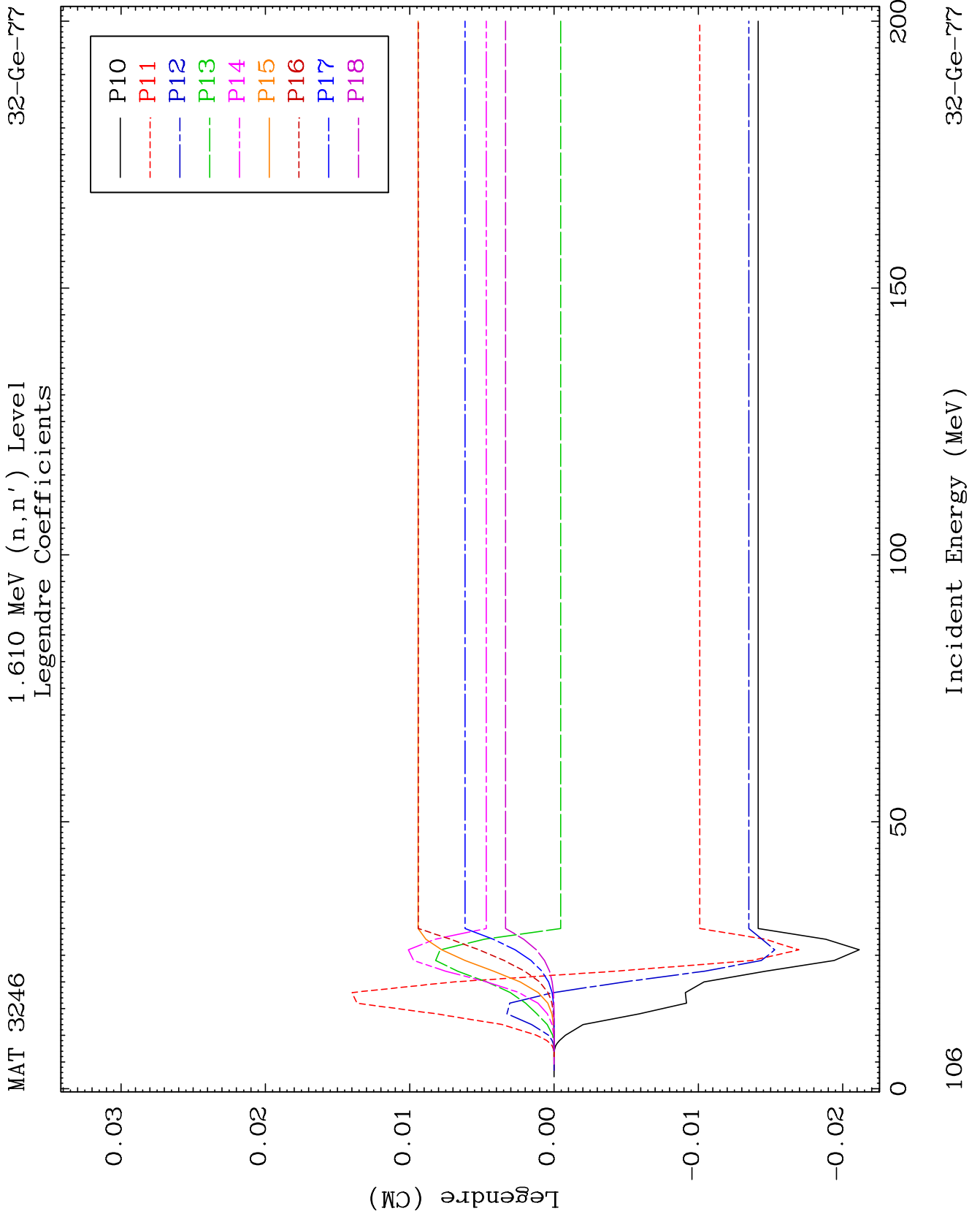


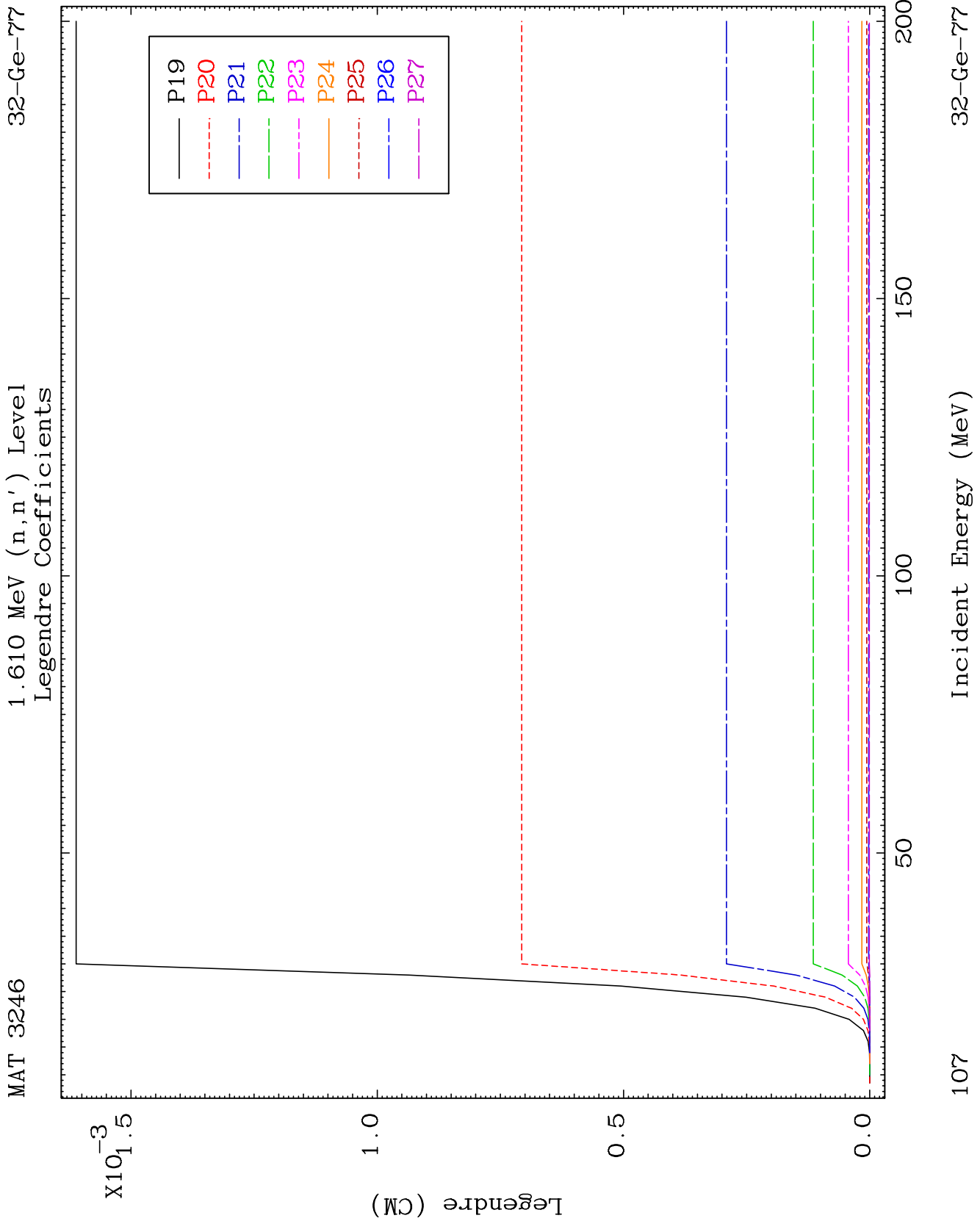


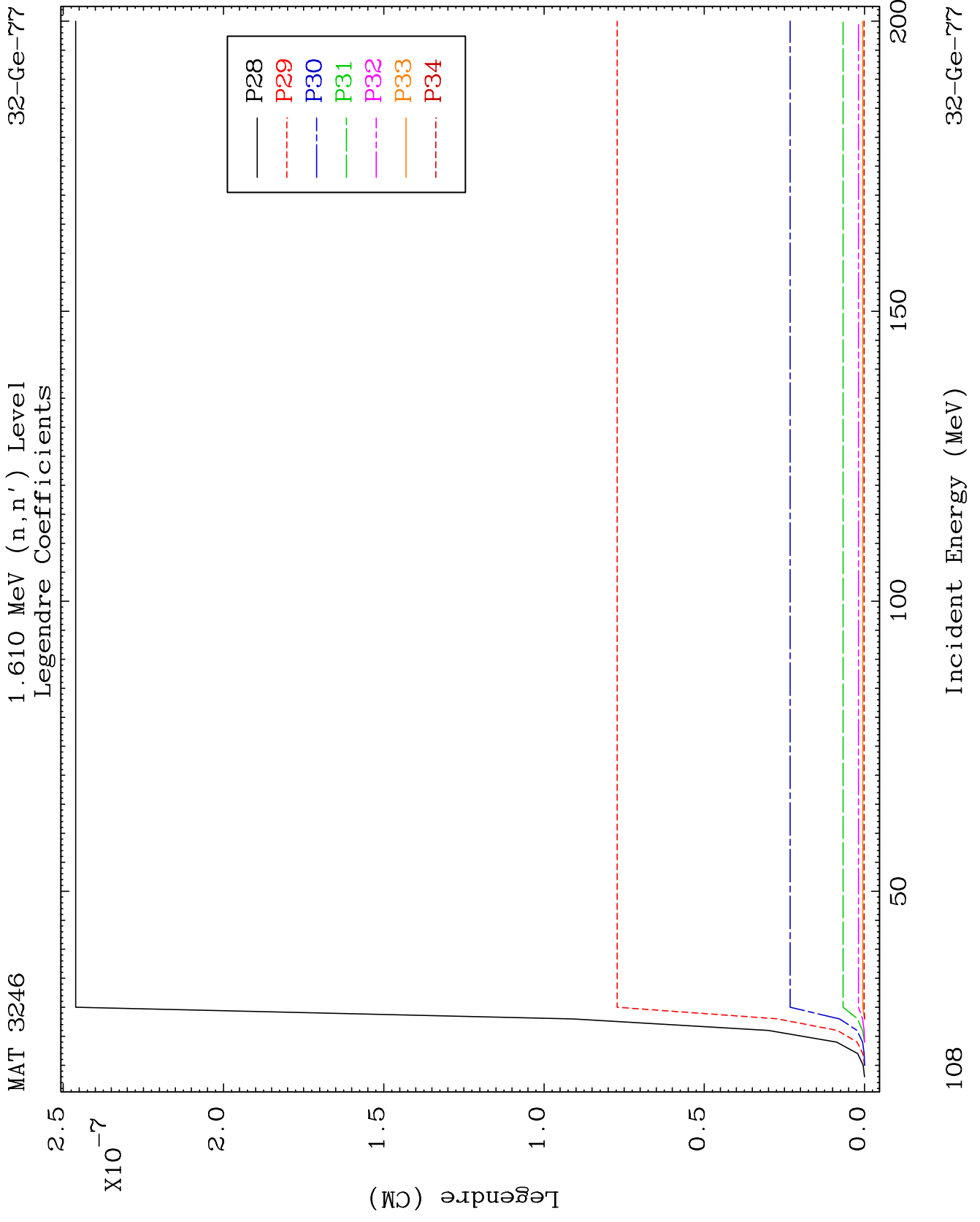


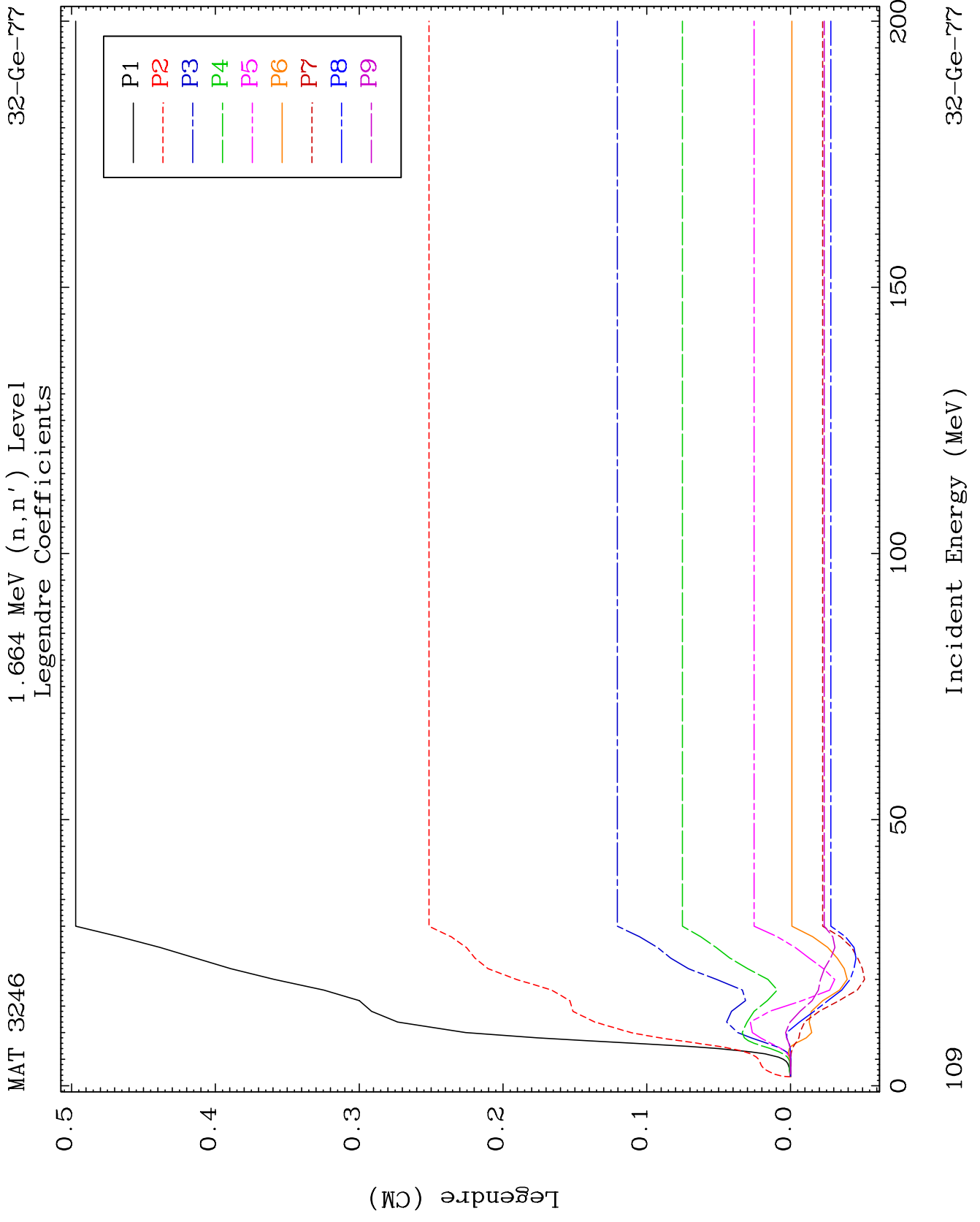


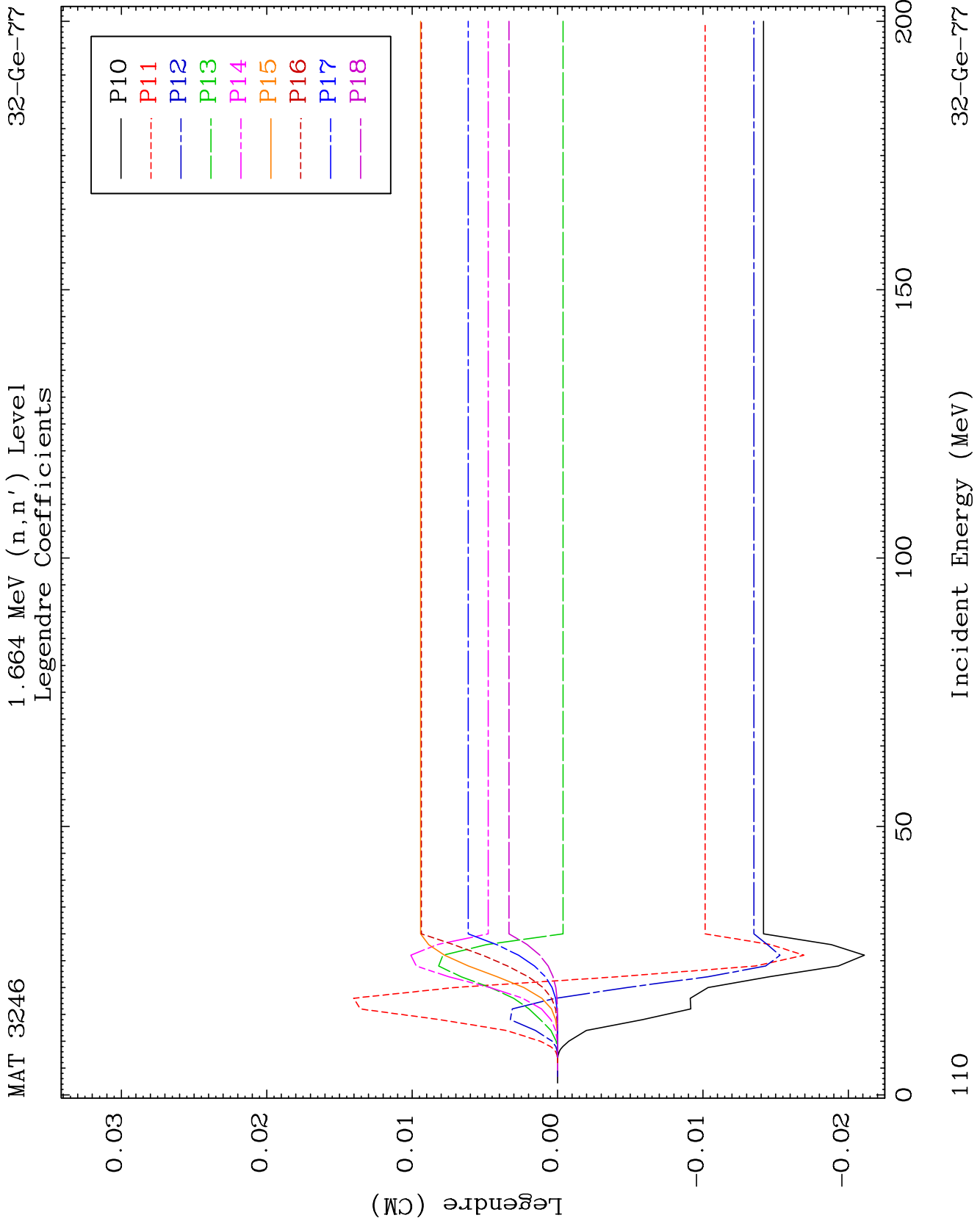








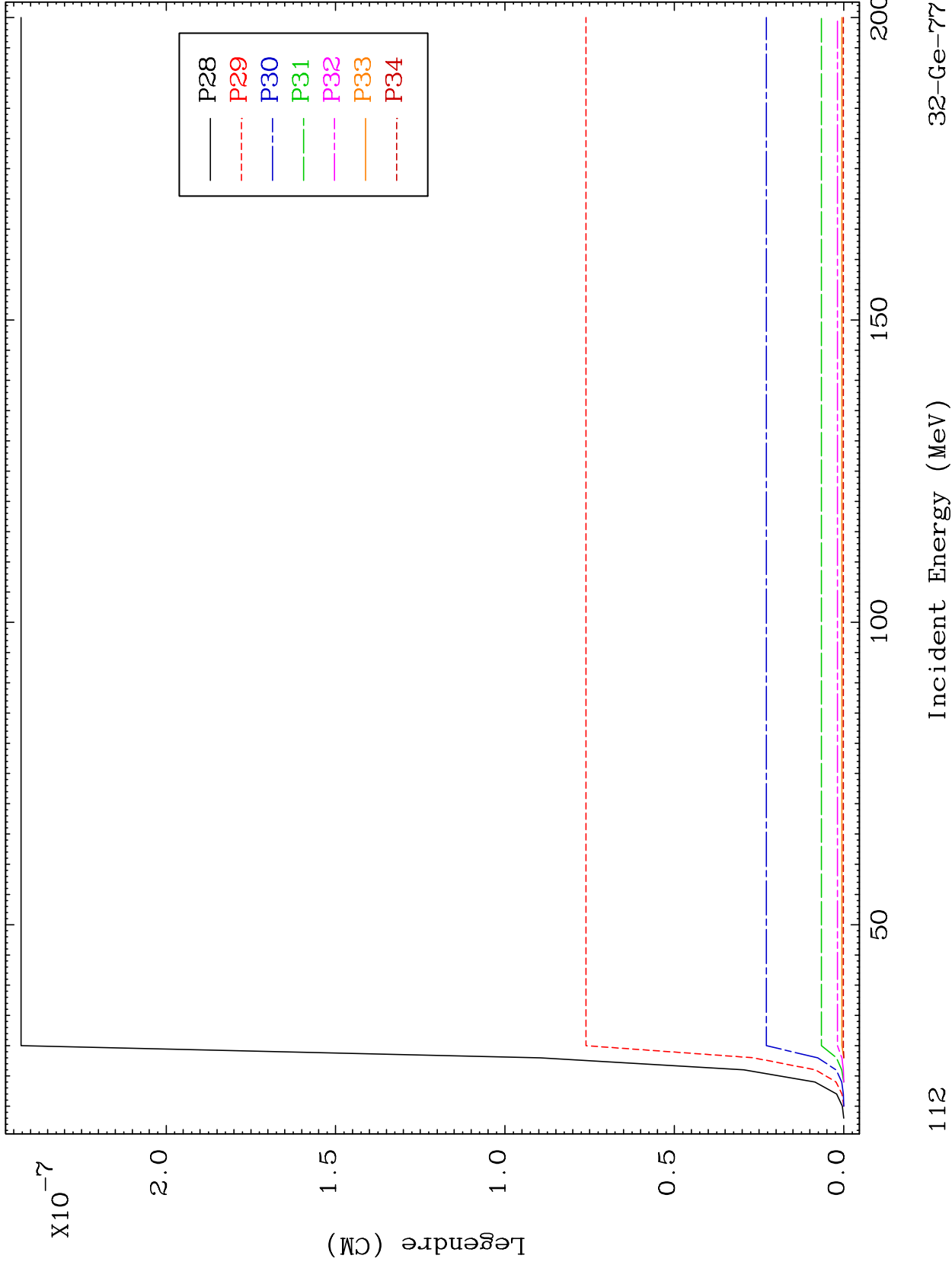




MAT 3246

1.664 MeV (n,n') Level
Legendre Coefficients

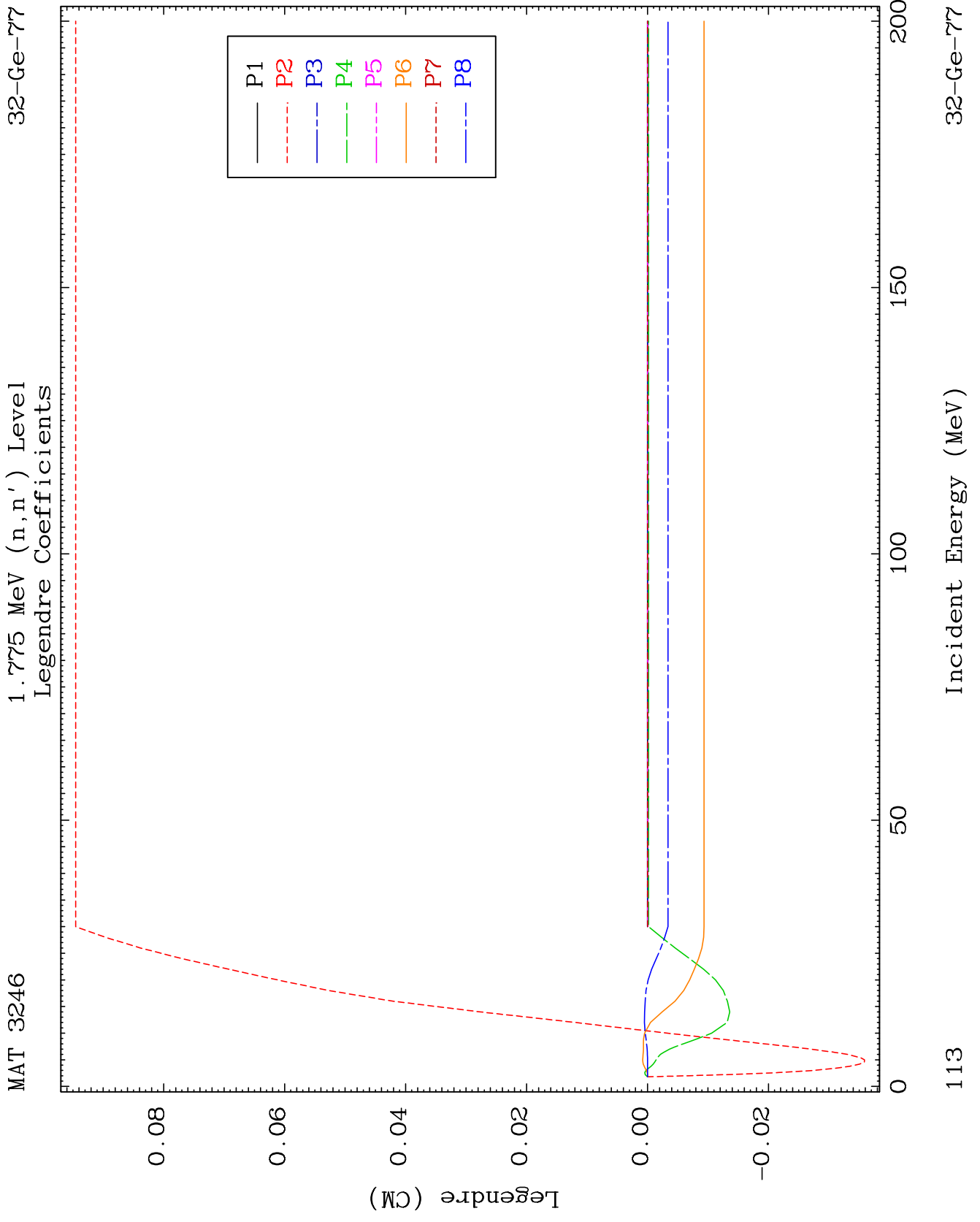
32-Ge-77



112

Incident Energy (MeV)

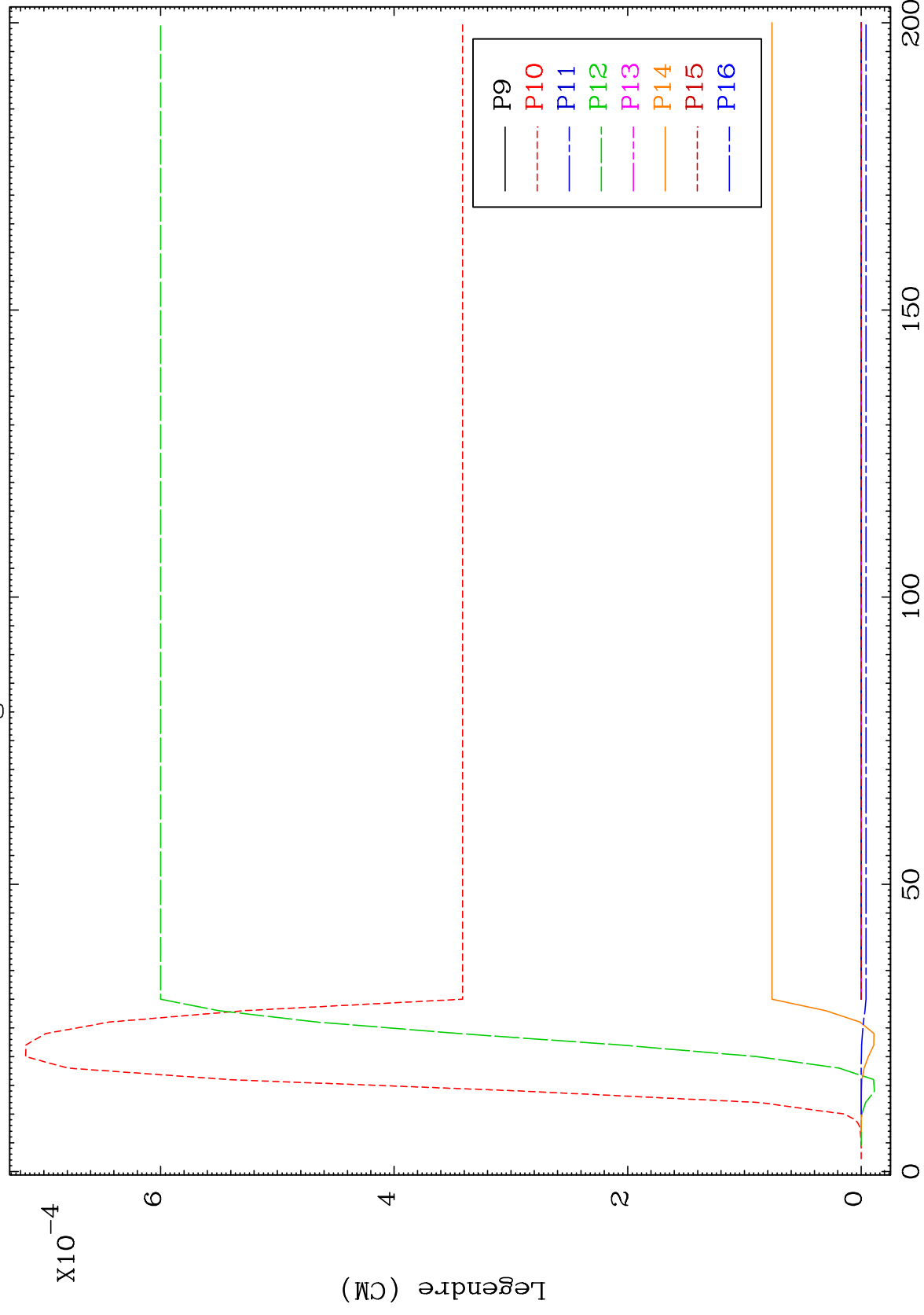
32-Ge-77



MAT 3246

1.775 MeV (n,n') Level
Legendre Coefficients

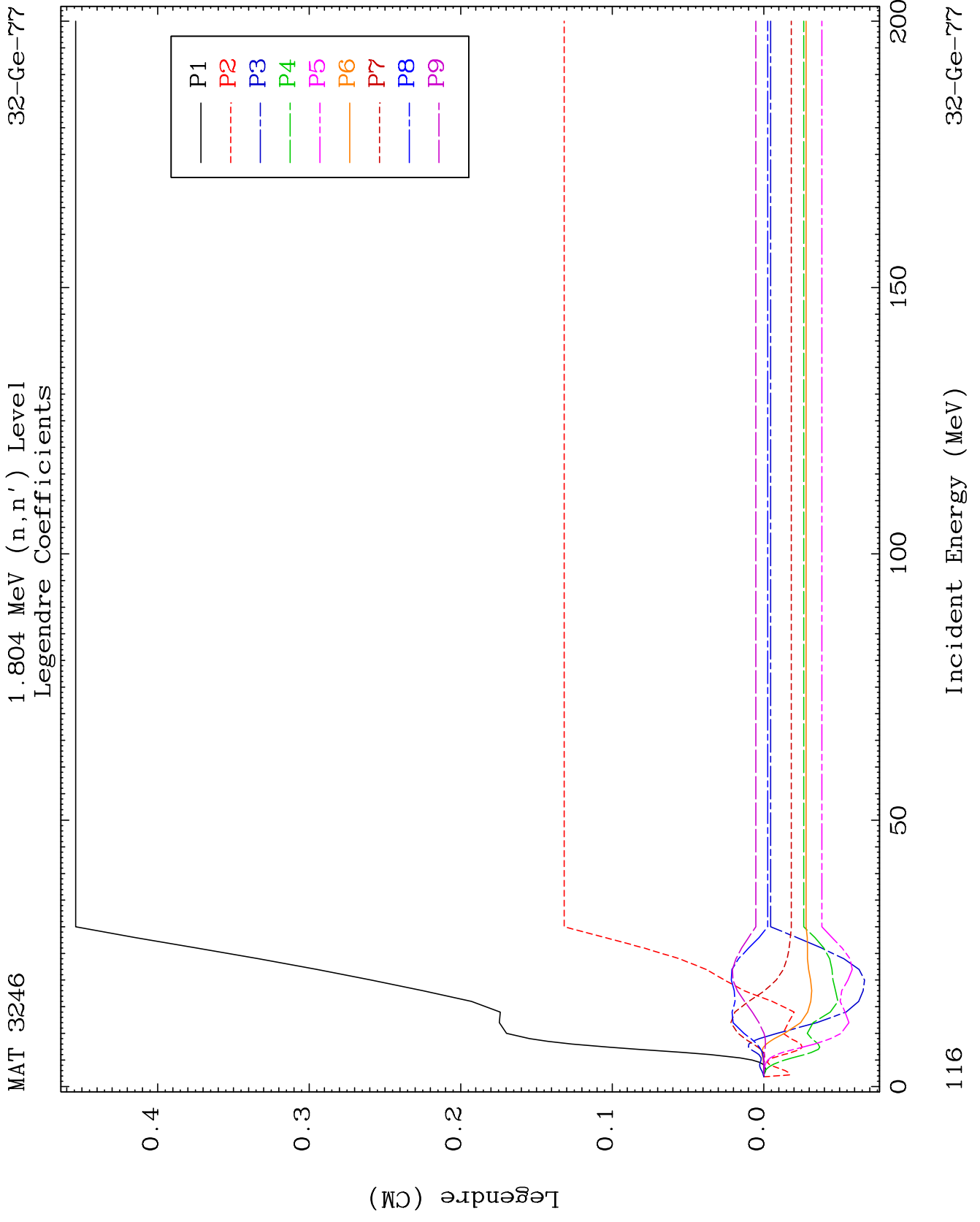
32-Ge-77

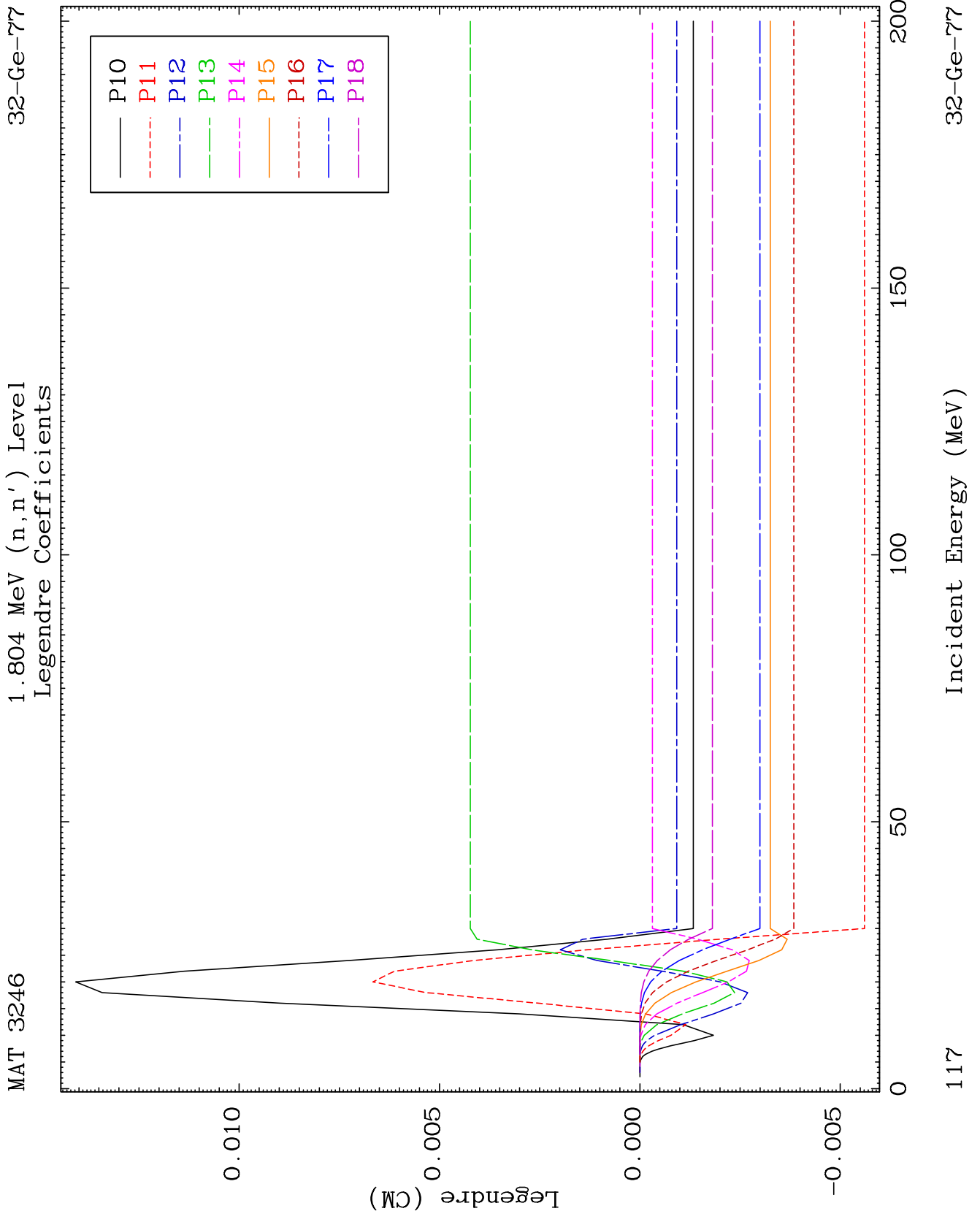


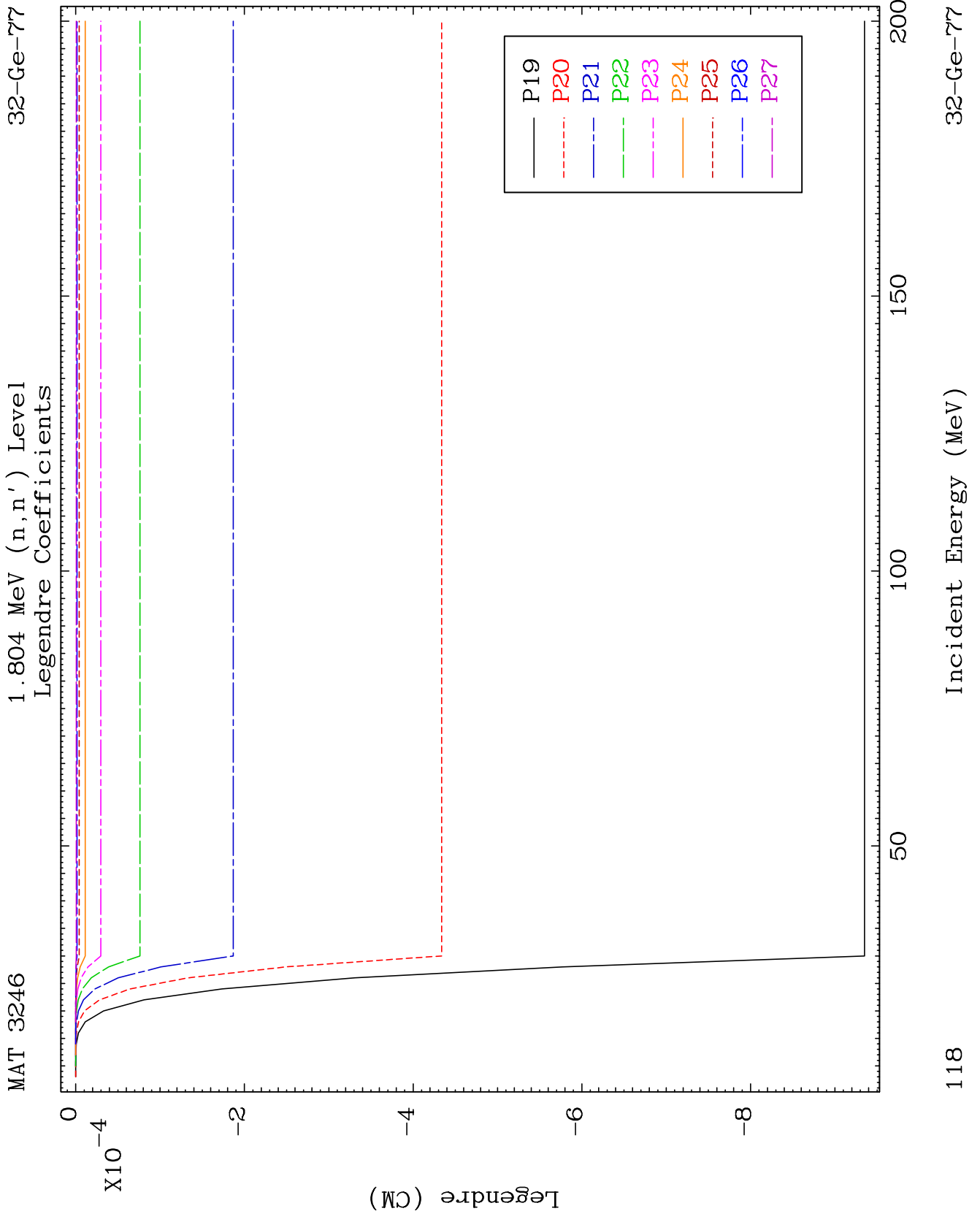
32-Ge-77

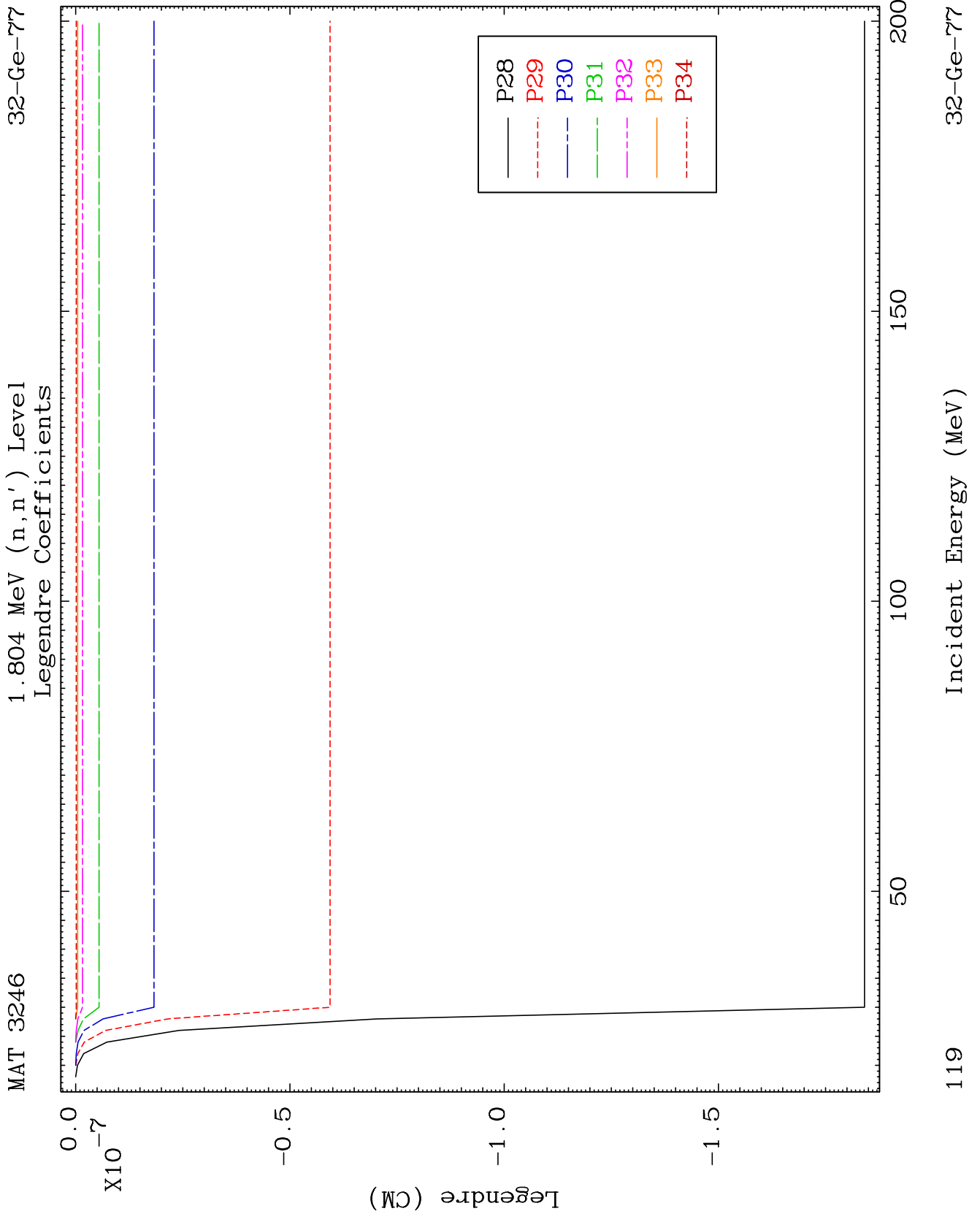
Incident Energy (MeV)

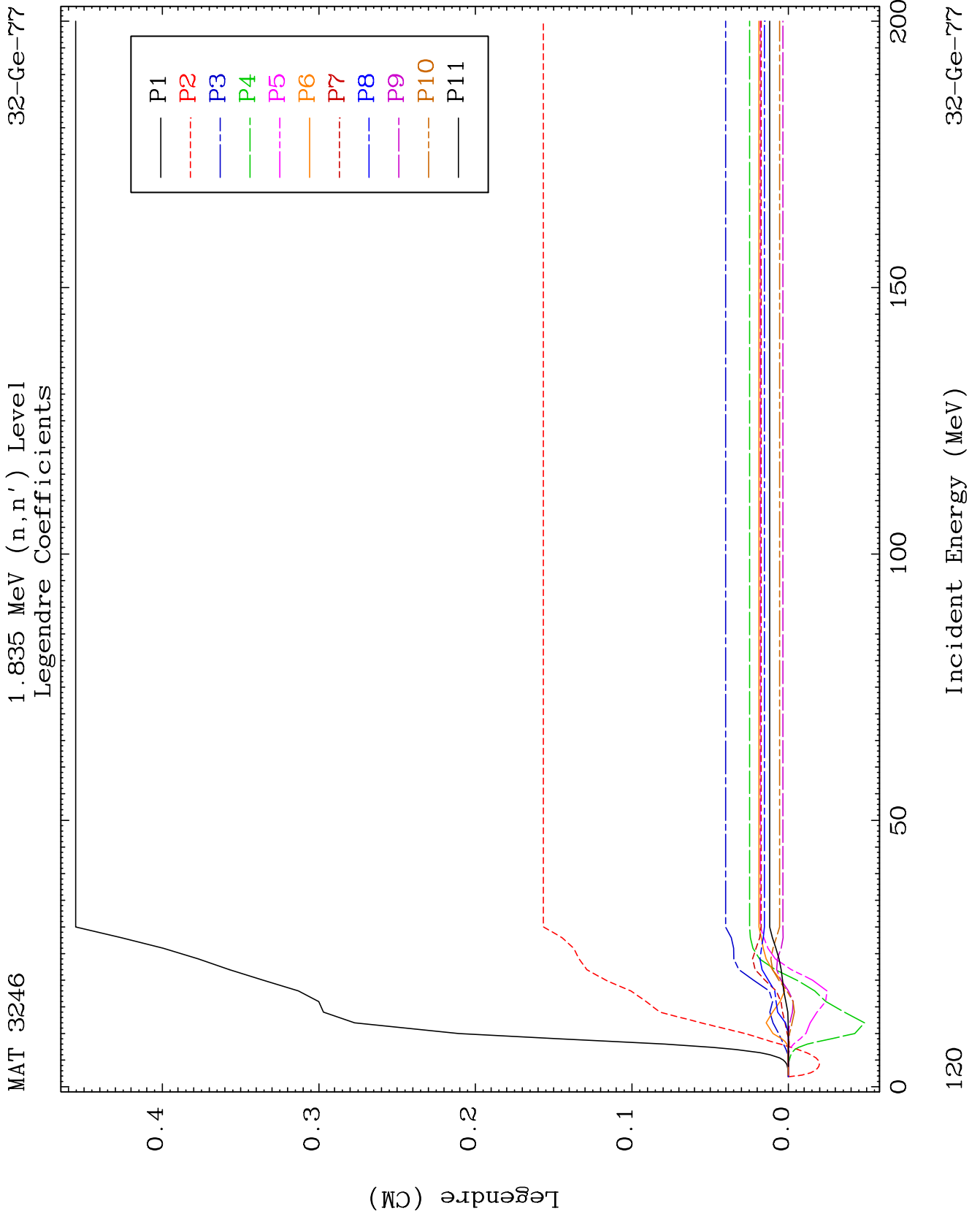
114







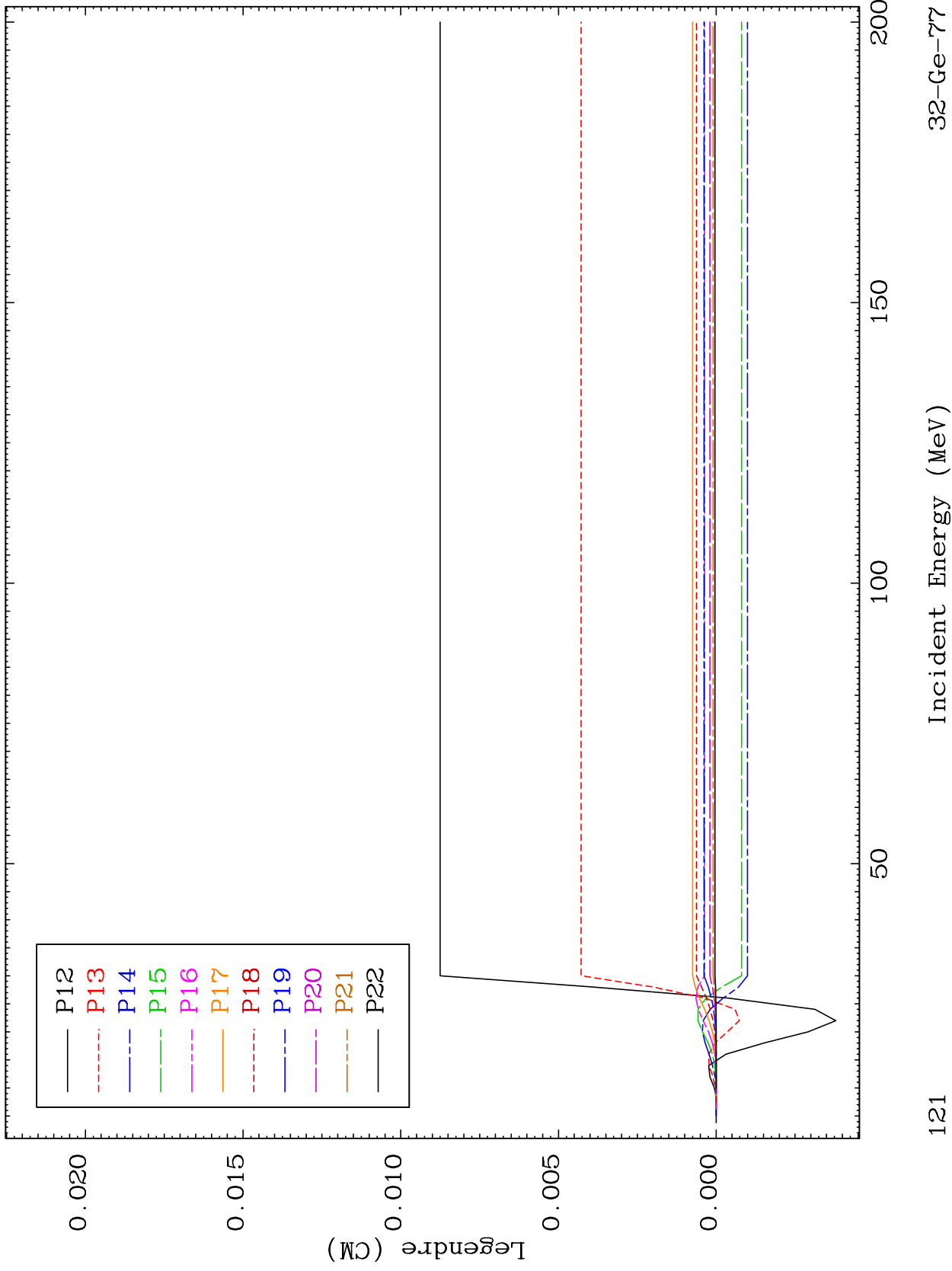




MAT 3246

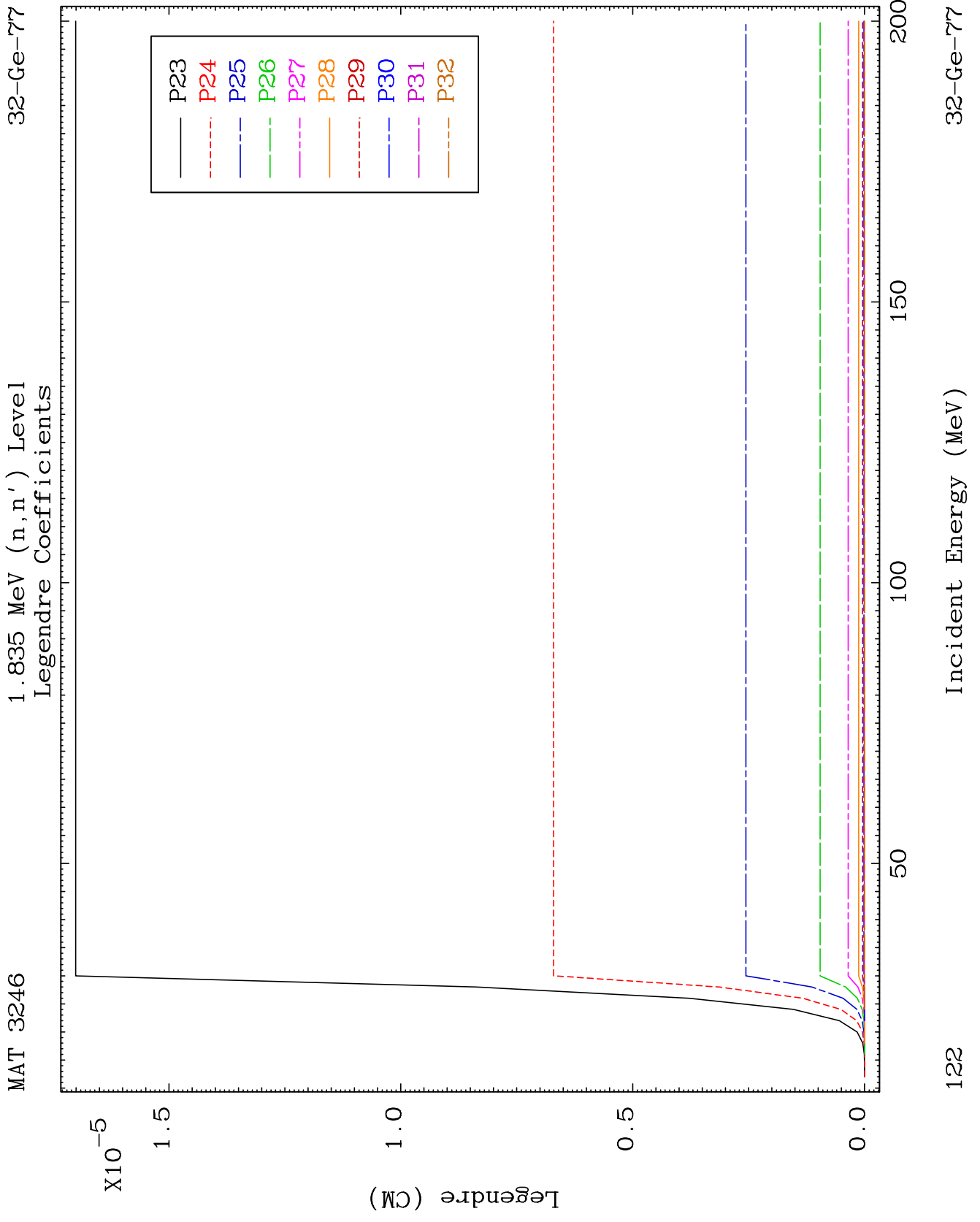
1.835 MeV (n,n') Level
Legendre Coefficients

32-Ge-77



121

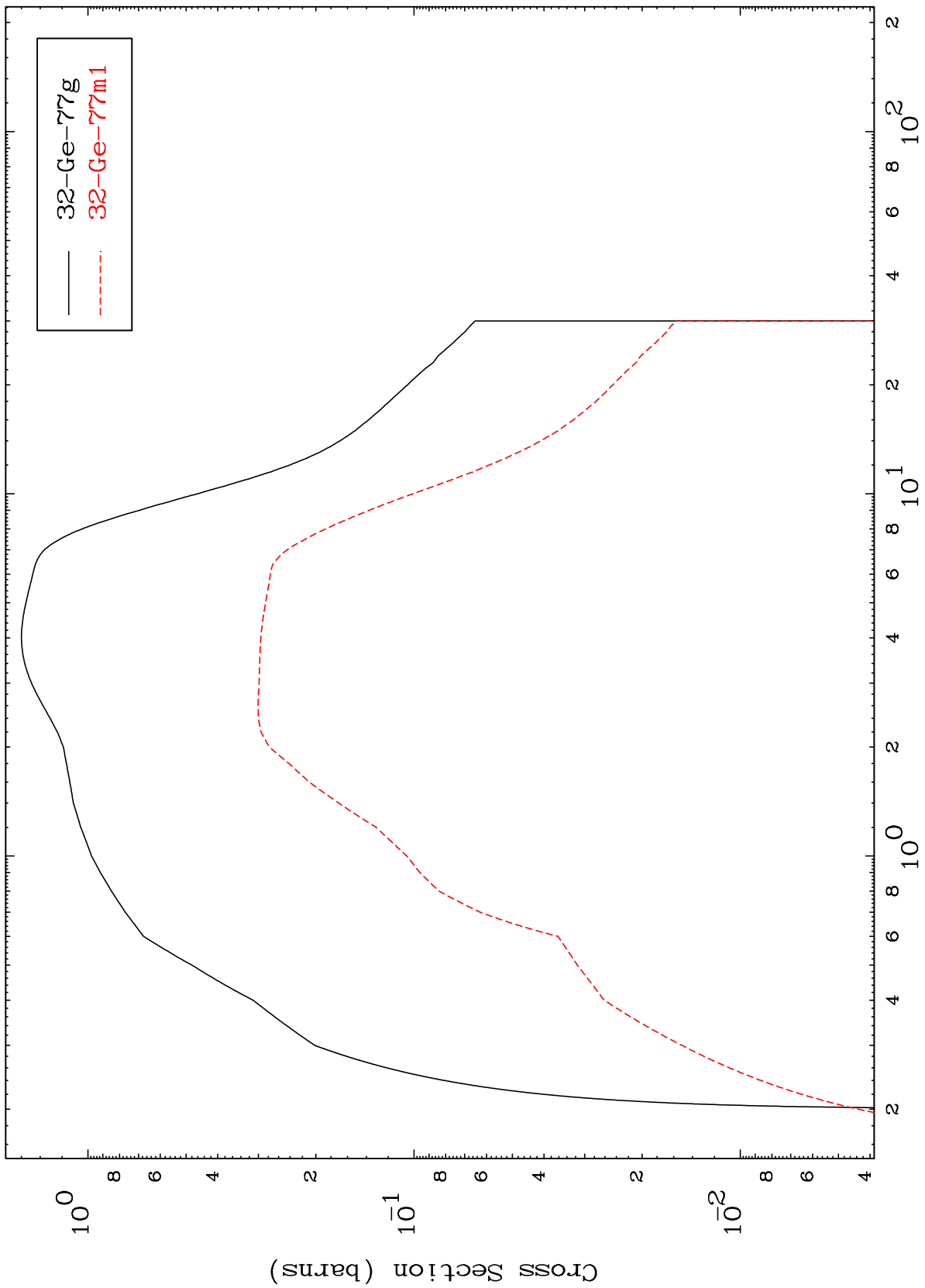
32-Ge-77



MAT 3246

³²Ge-⁷⁷

Inelastic Radionuclide Production Cross Section



— 32-Ge-77g
- - - 32-Ge-77m1

123

Incident Energy (MeV)

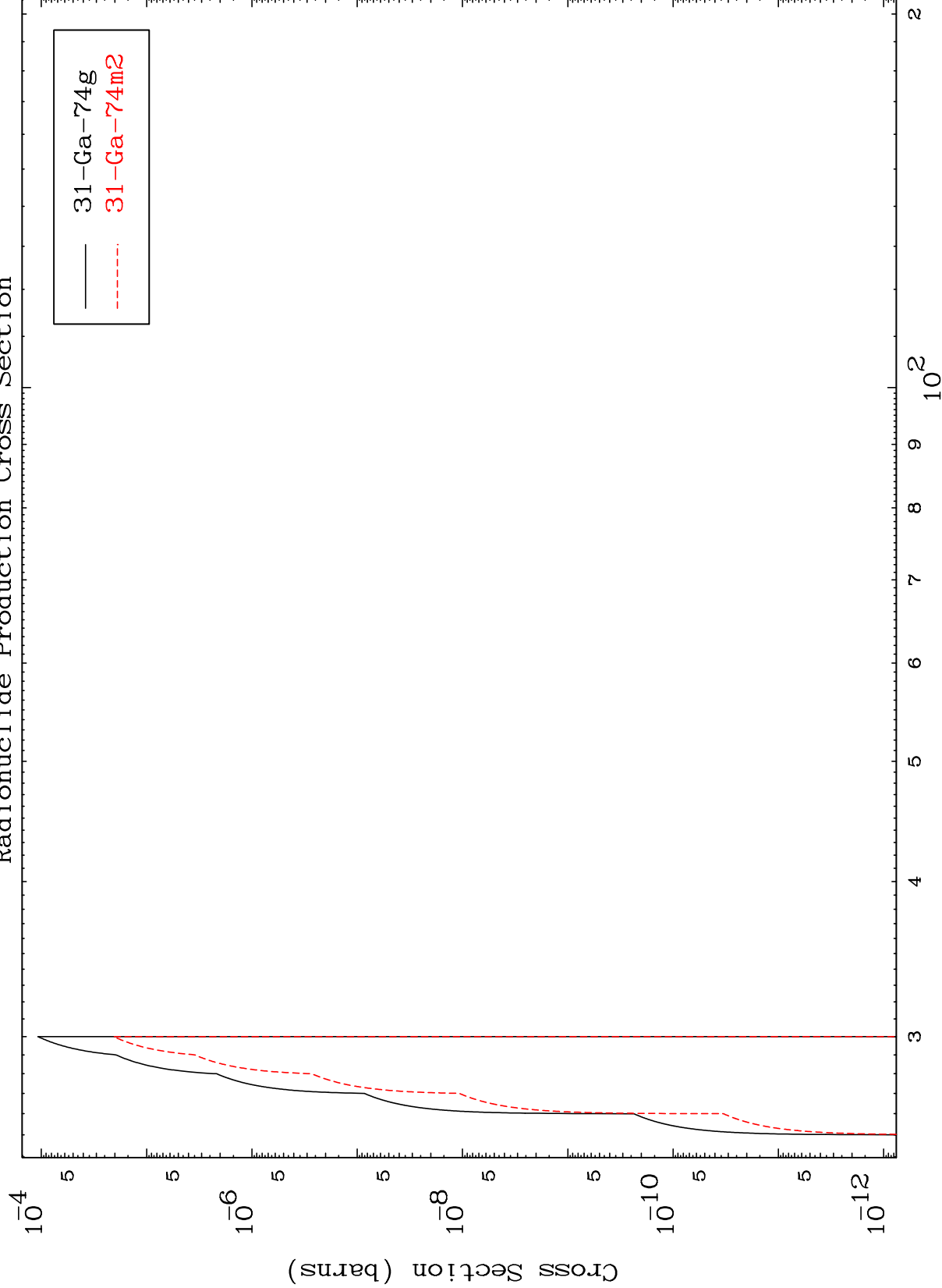
³²Ge-⁷⁷

MAT 3246

(n,2n) d

32-Ge-77

Radionuclide Production Cross Section



31-Ga-74g
31-Ga-74m2

124

Incident Energy (MeV)

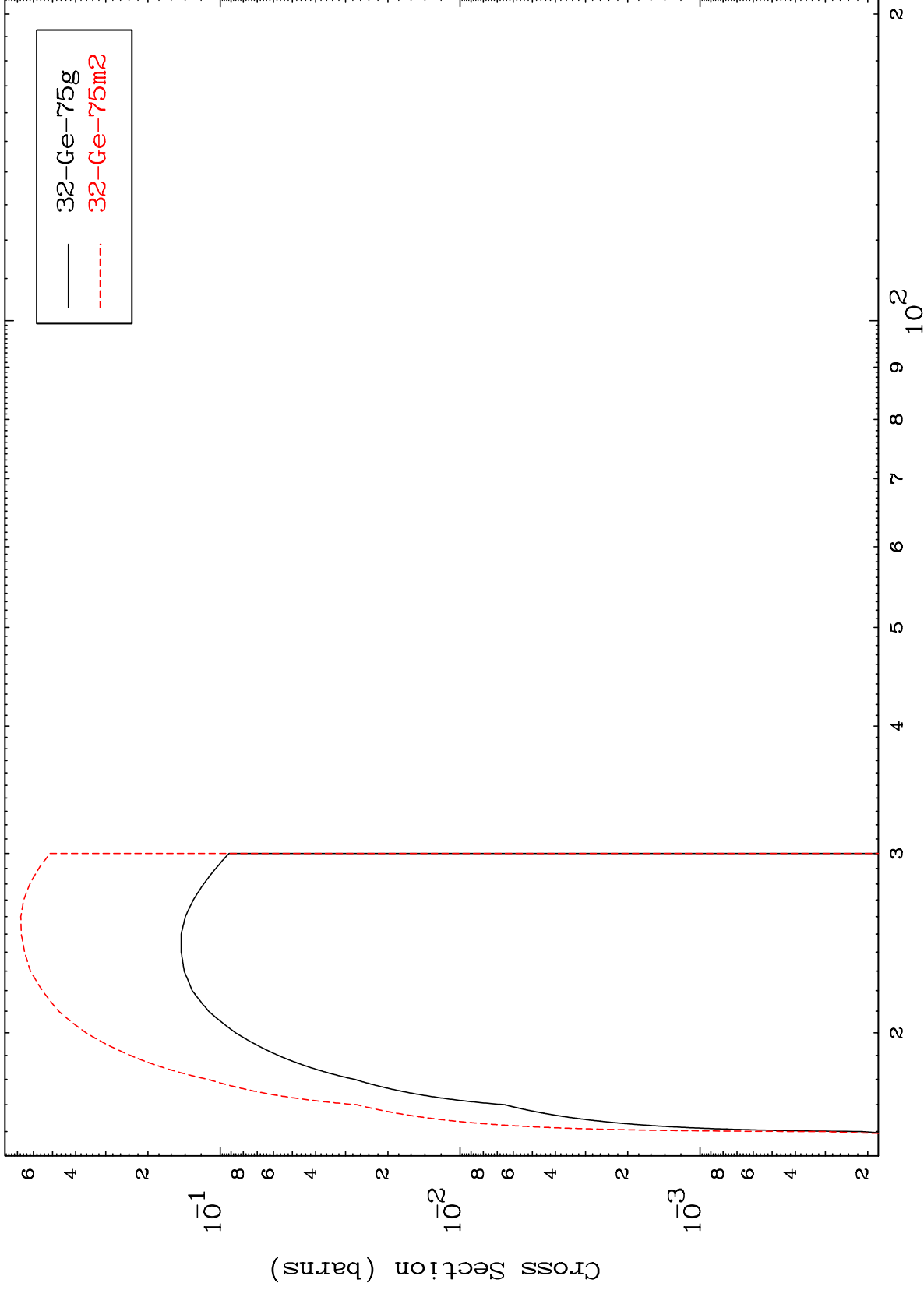
32-Ge-77

MAT 3246

(n,3n)

³²Ge-77

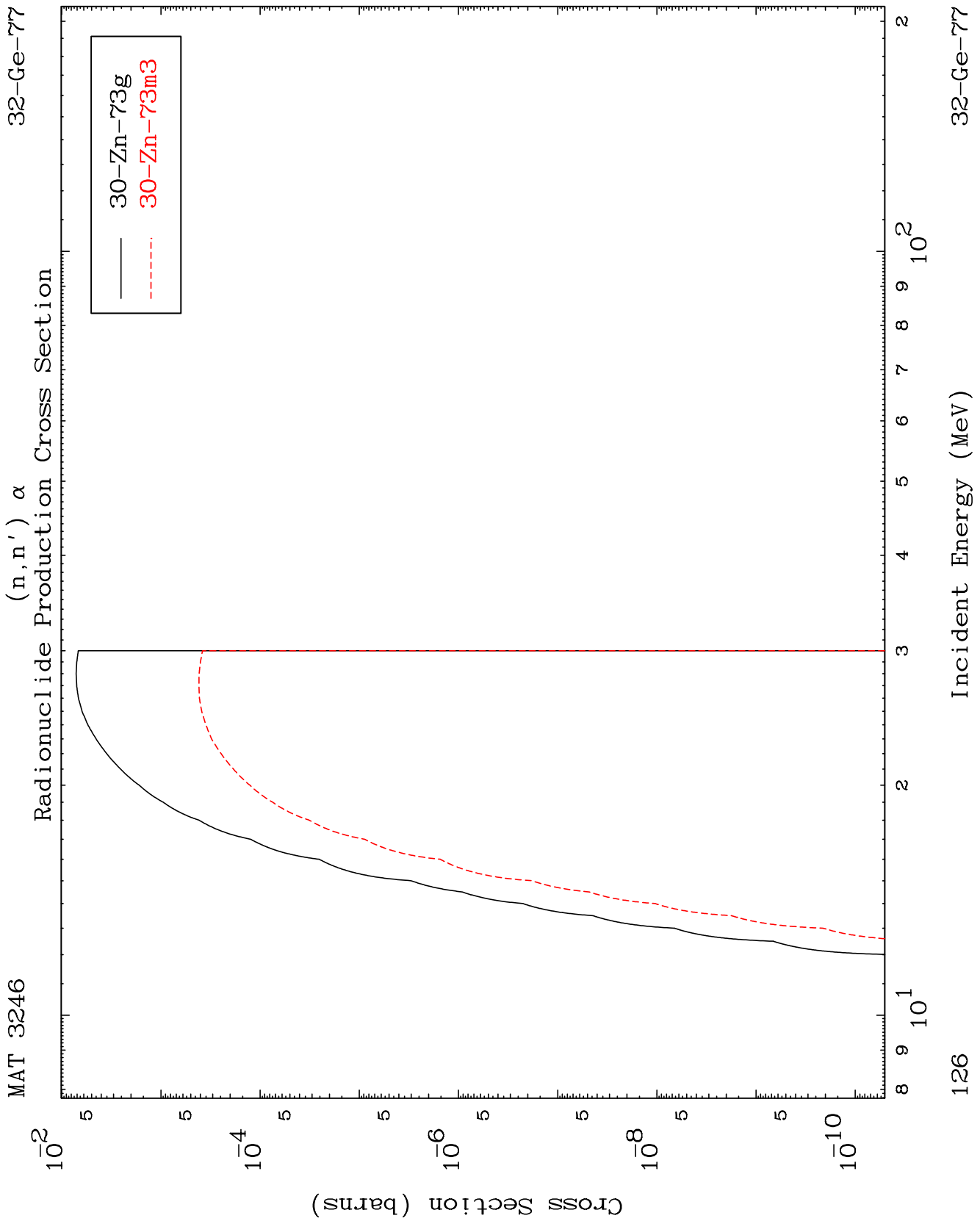
Radionuclide Production Cross Section



125

Incident Energy (MeV)

³²Ge-77

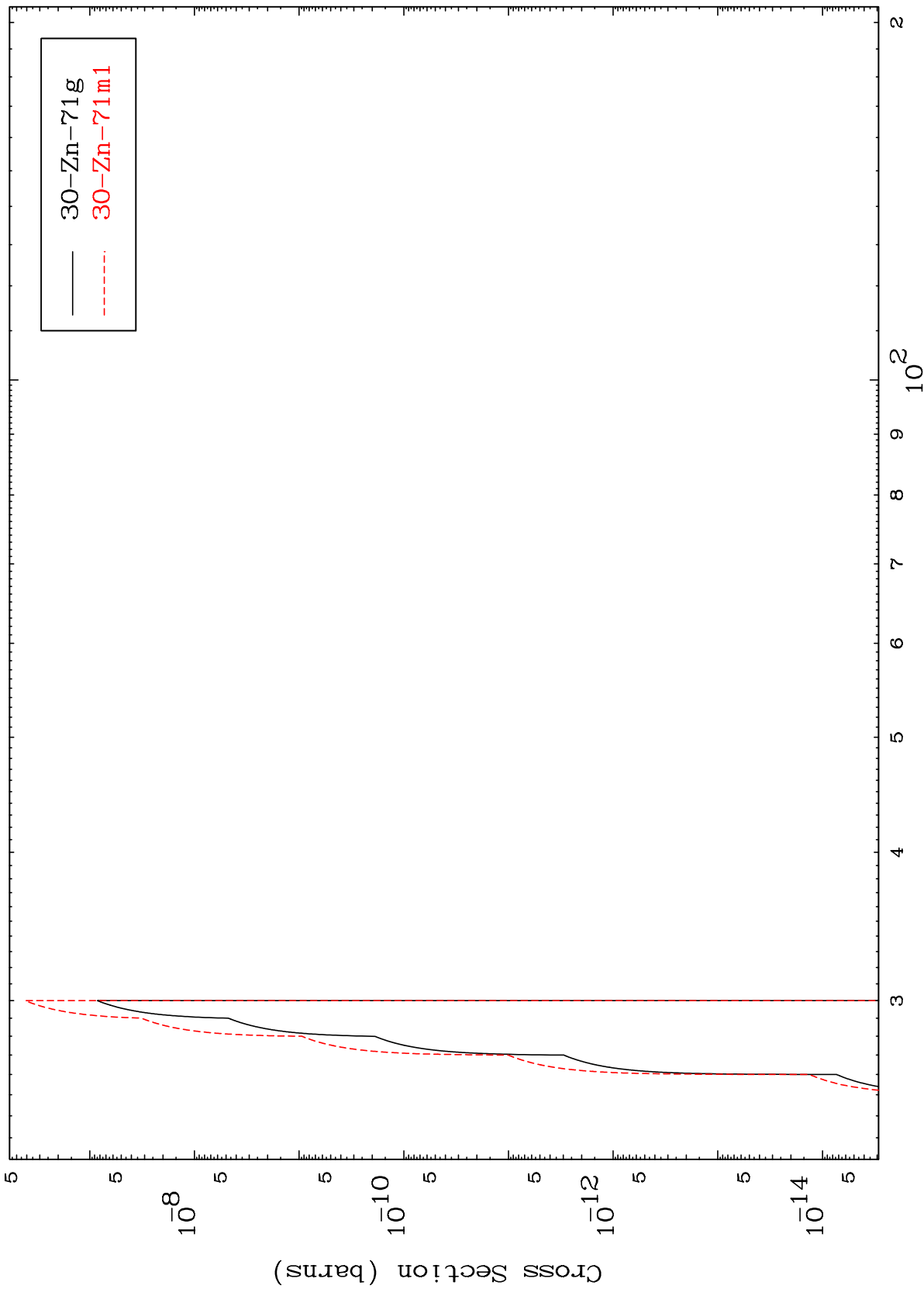


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$(n,3n) \alpha$

32-Ge-77

Radionuclide Production Cross Section



127

Incident Energy (MeV)

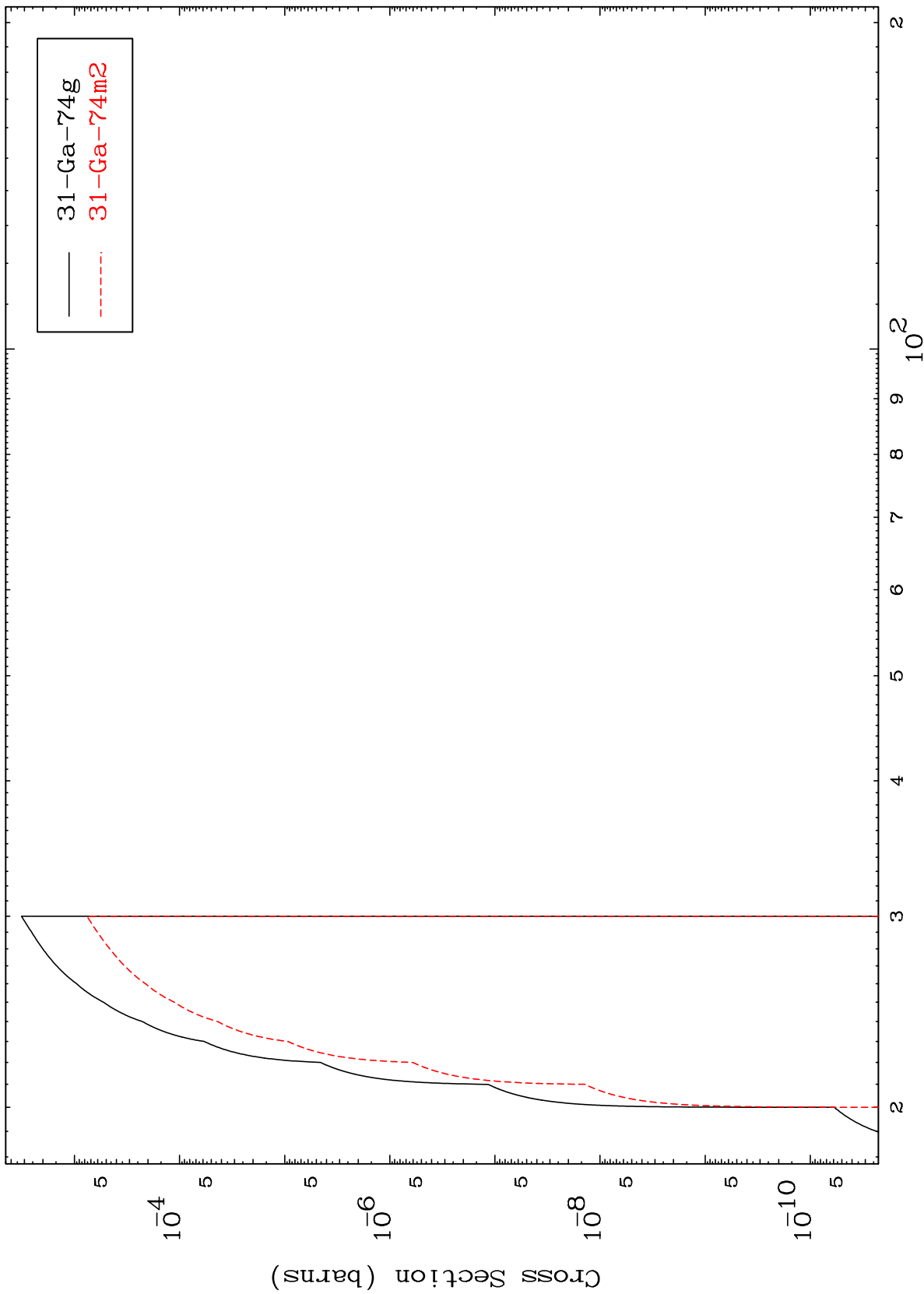
32-Ge-77

MAT 3246

(n,n') t

32-Ge-77

Radionuclide Production Cross Section



128

Incident Energy (MeV)

32-Ge-77

Radionuclide Production Cross Section

