

Program EVALPLOT
(Version 2015-2)

by

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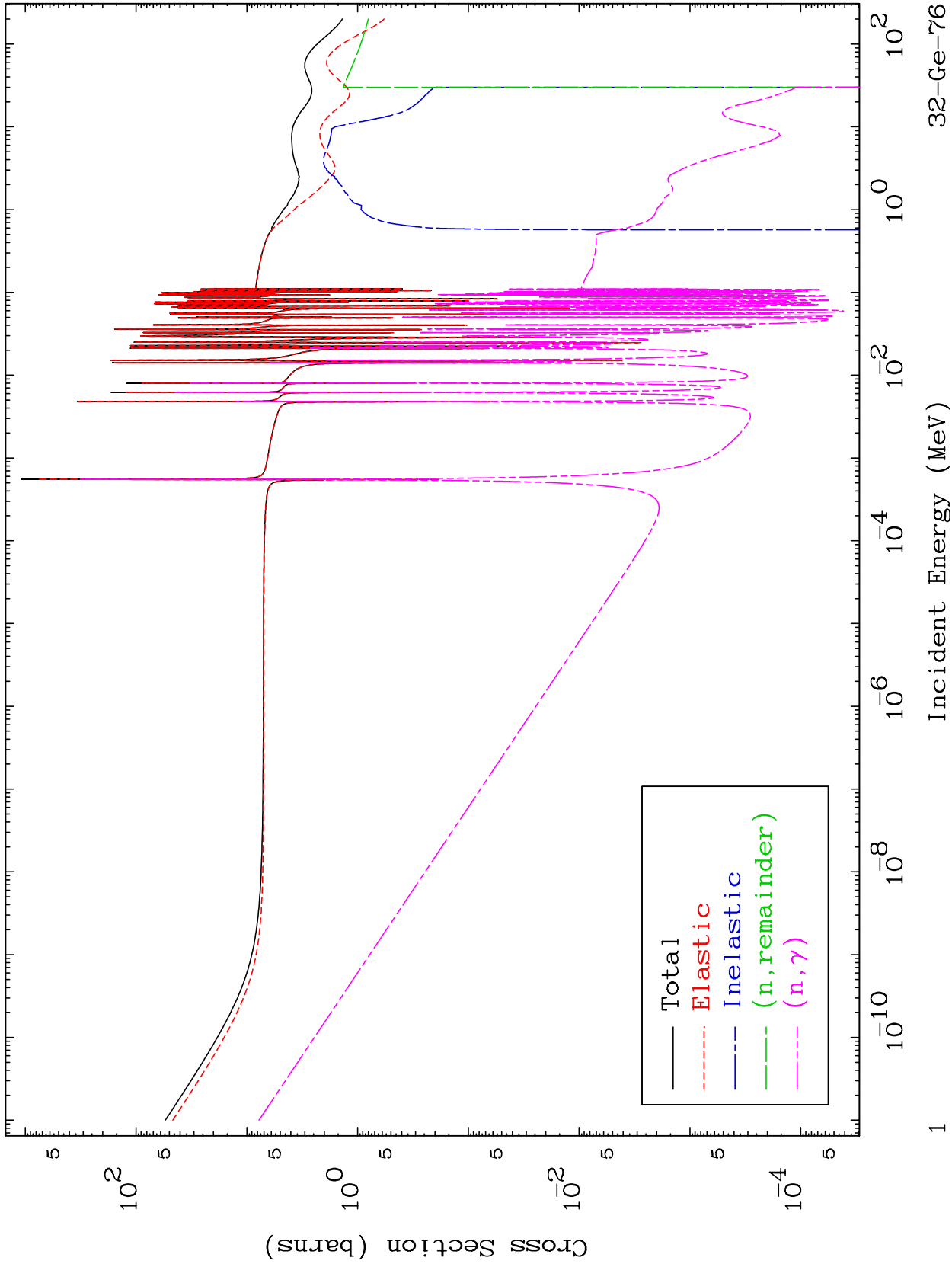
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3243

Major
293 Kelvin Cross Sections

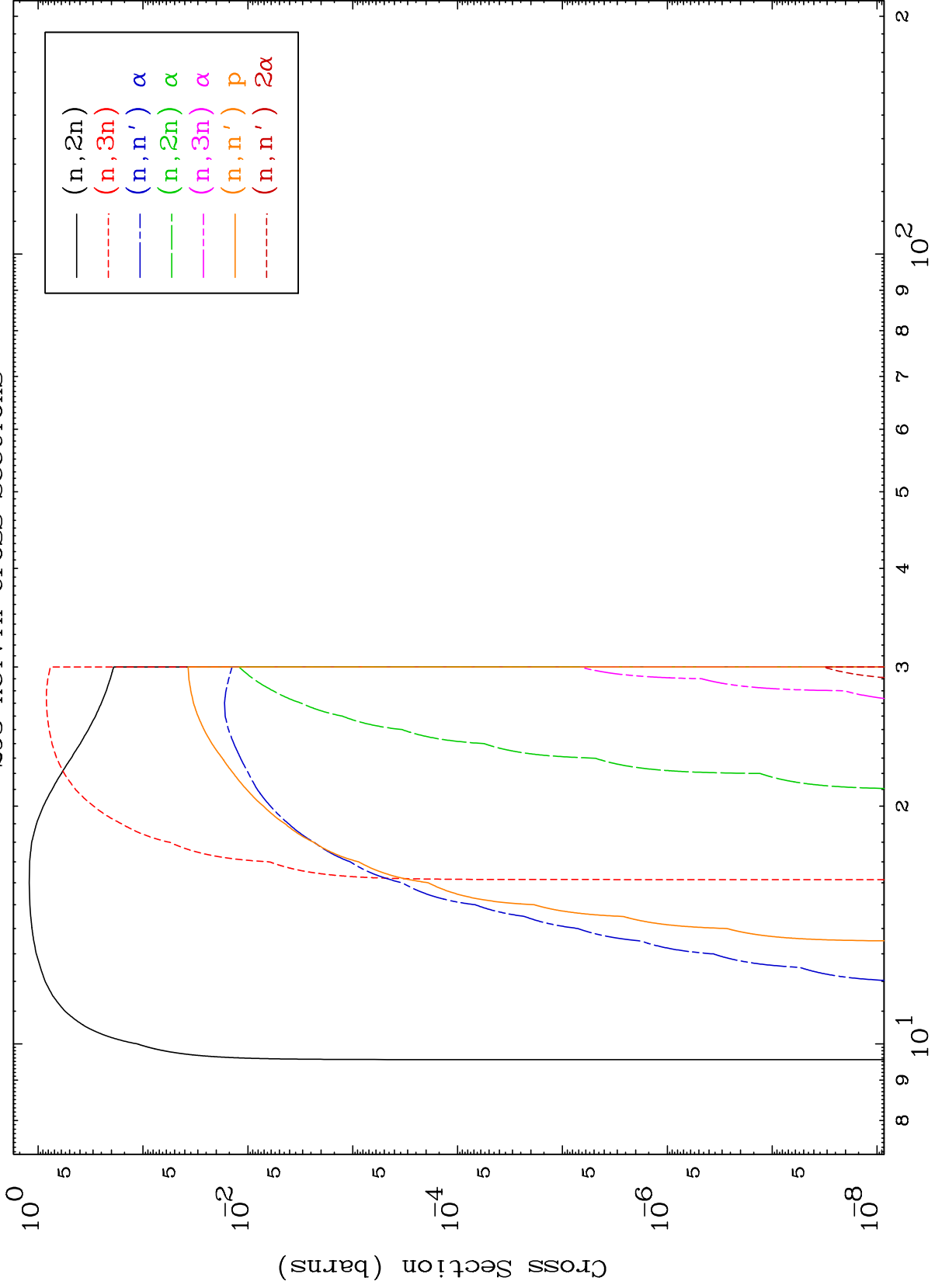
32-Ge-76



MAT 3243

Neutron Production
293 Kelvin Cross Sections

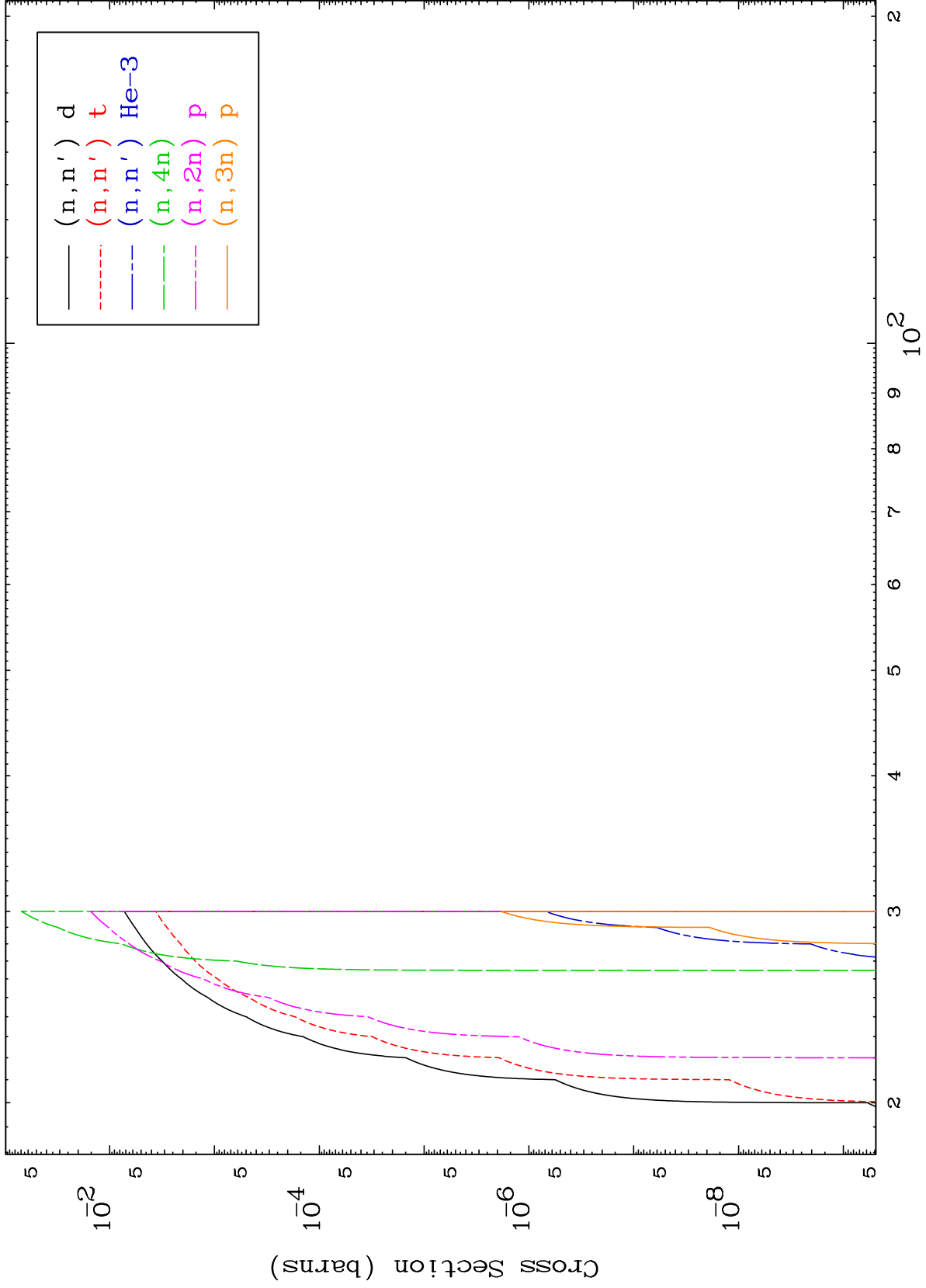
32-Ge-76



2

Incident Energy (MeV)

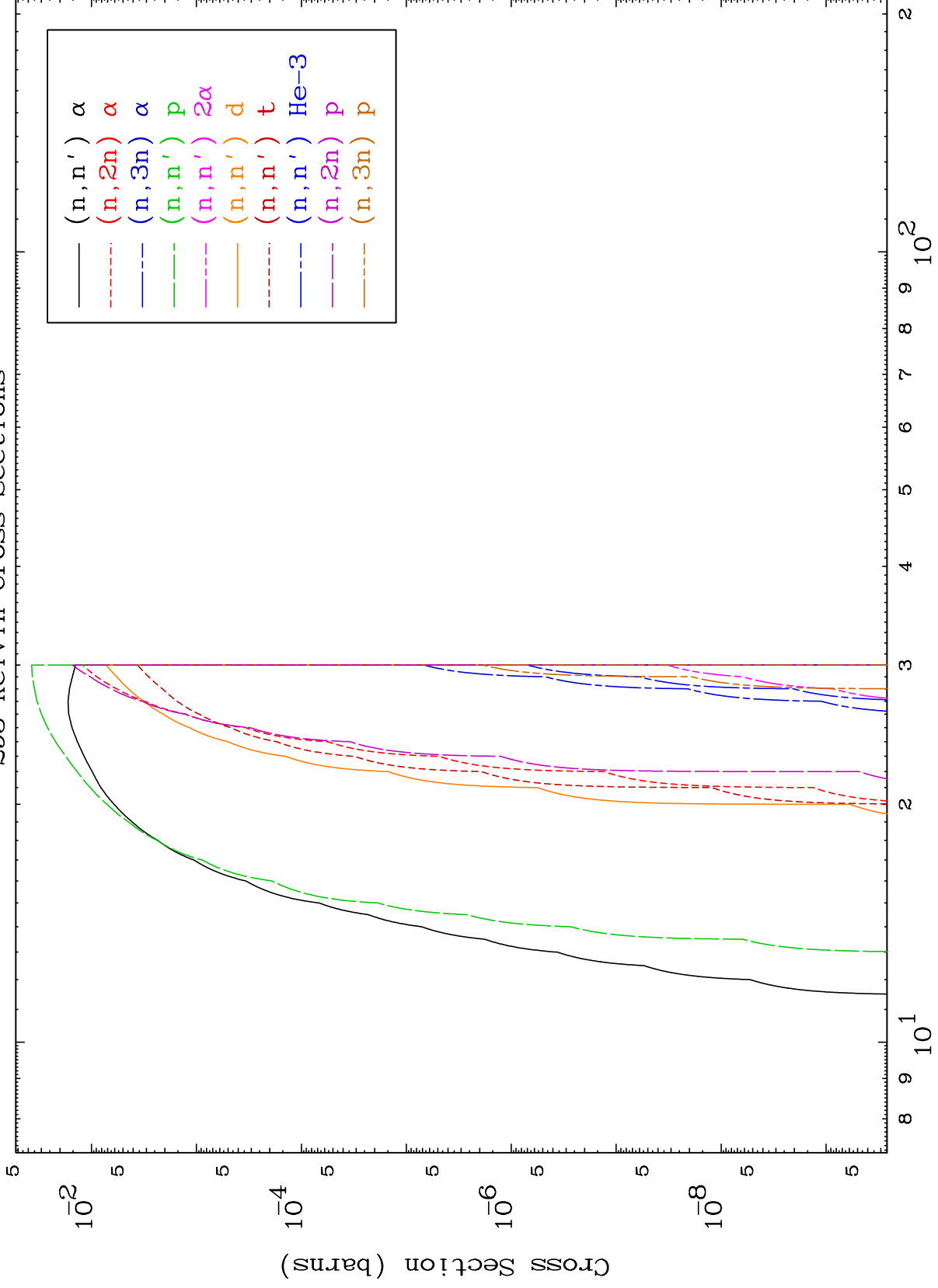
32-Ge-76



MAT 3243

Charged Particle
293 Kelvin Cross Sections

32-Ge-76



4

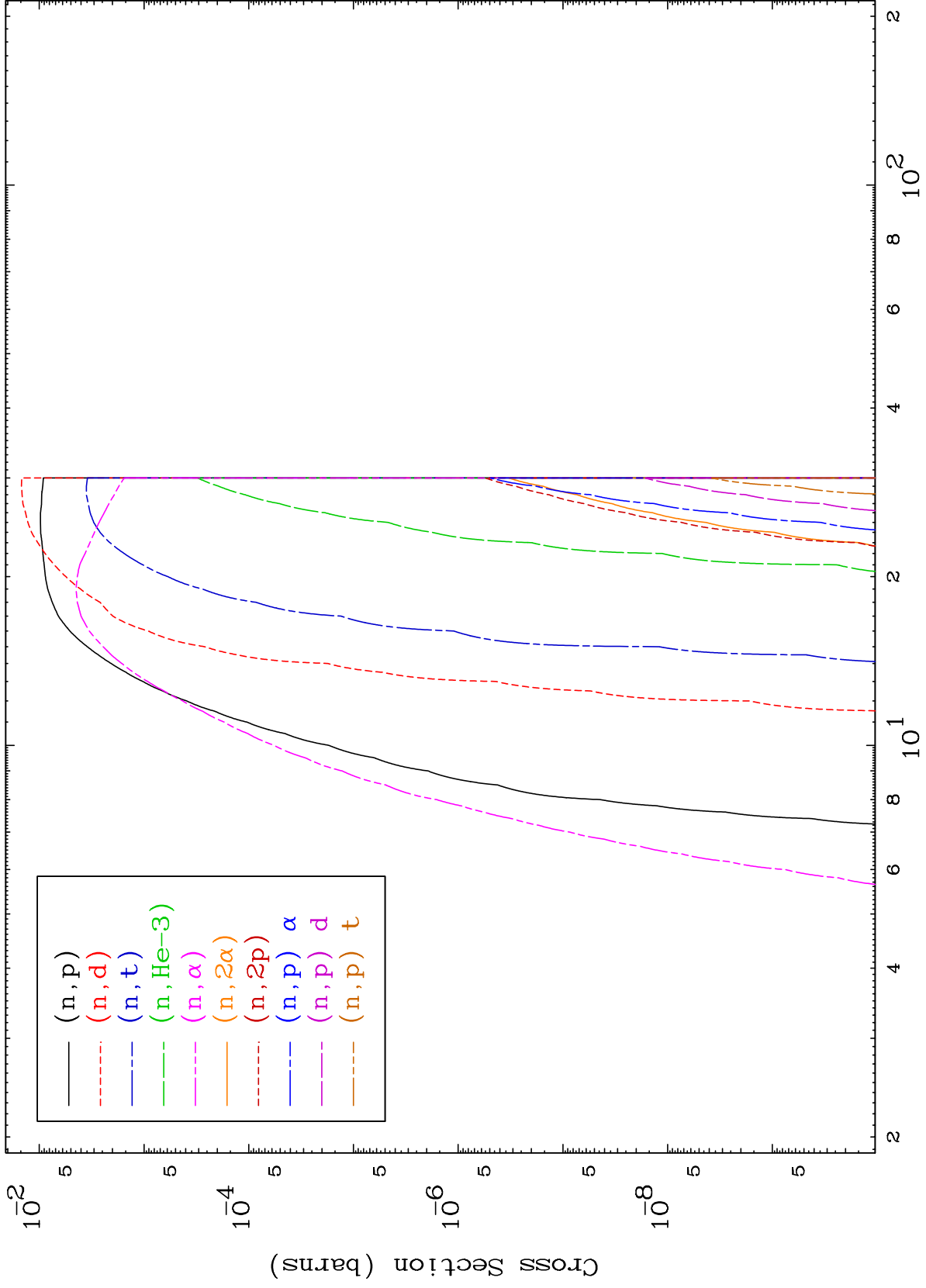
Incident Energy (MeV)

32-Ge-76

MAT 3243

Charged Particle
293 Kelvin Cross Sections

³²Ge-76



5

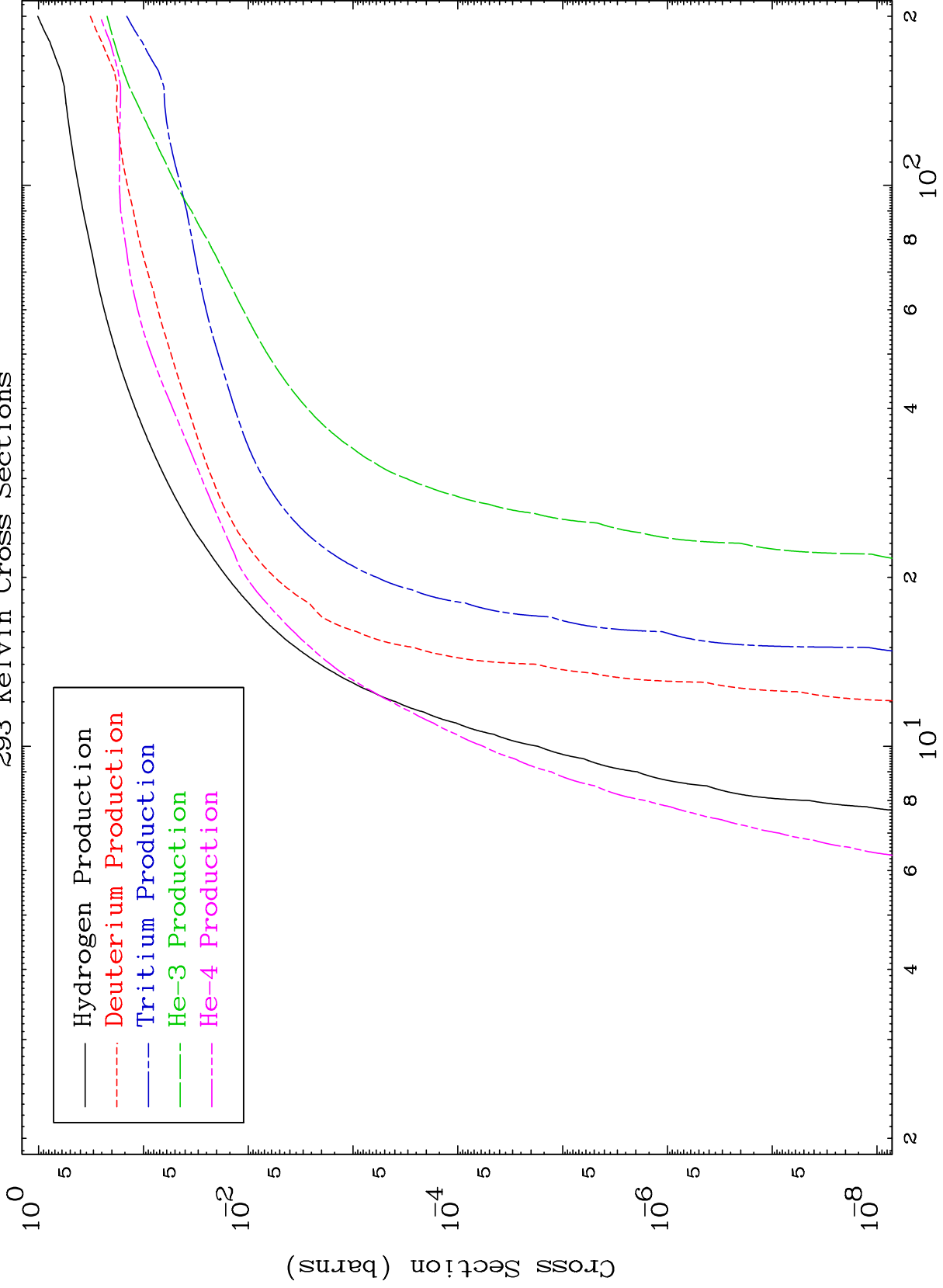
Incident Energy (MeV)

³²Ge-76

MAT 3243

Particle Production
293 Kelvin Cross Sections

32-Ge-76



6

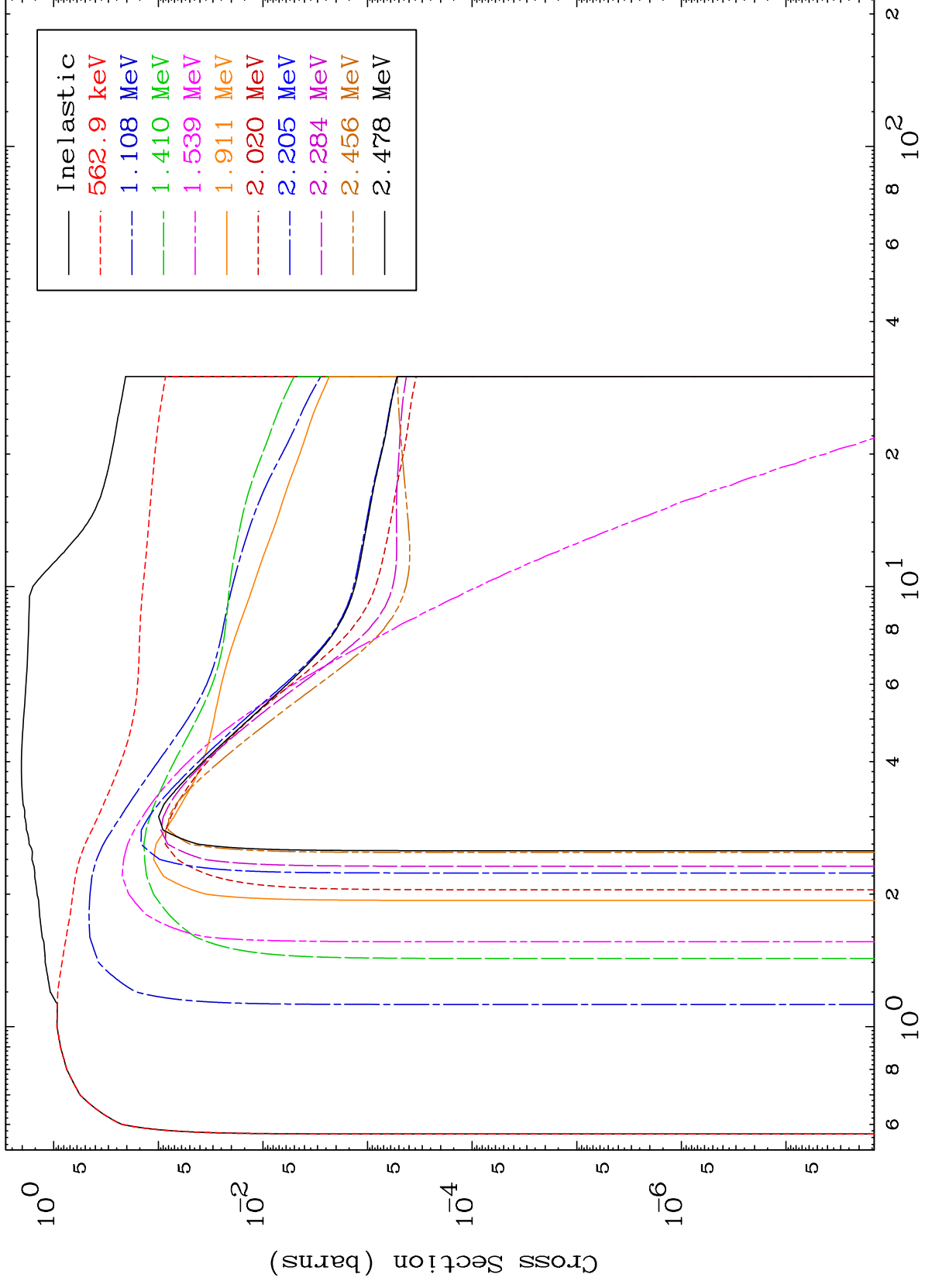
Incident Energy (MeV)

32-Ge-76

MAT 3243

(n,n') Level
293 Kelvin Cross Sections

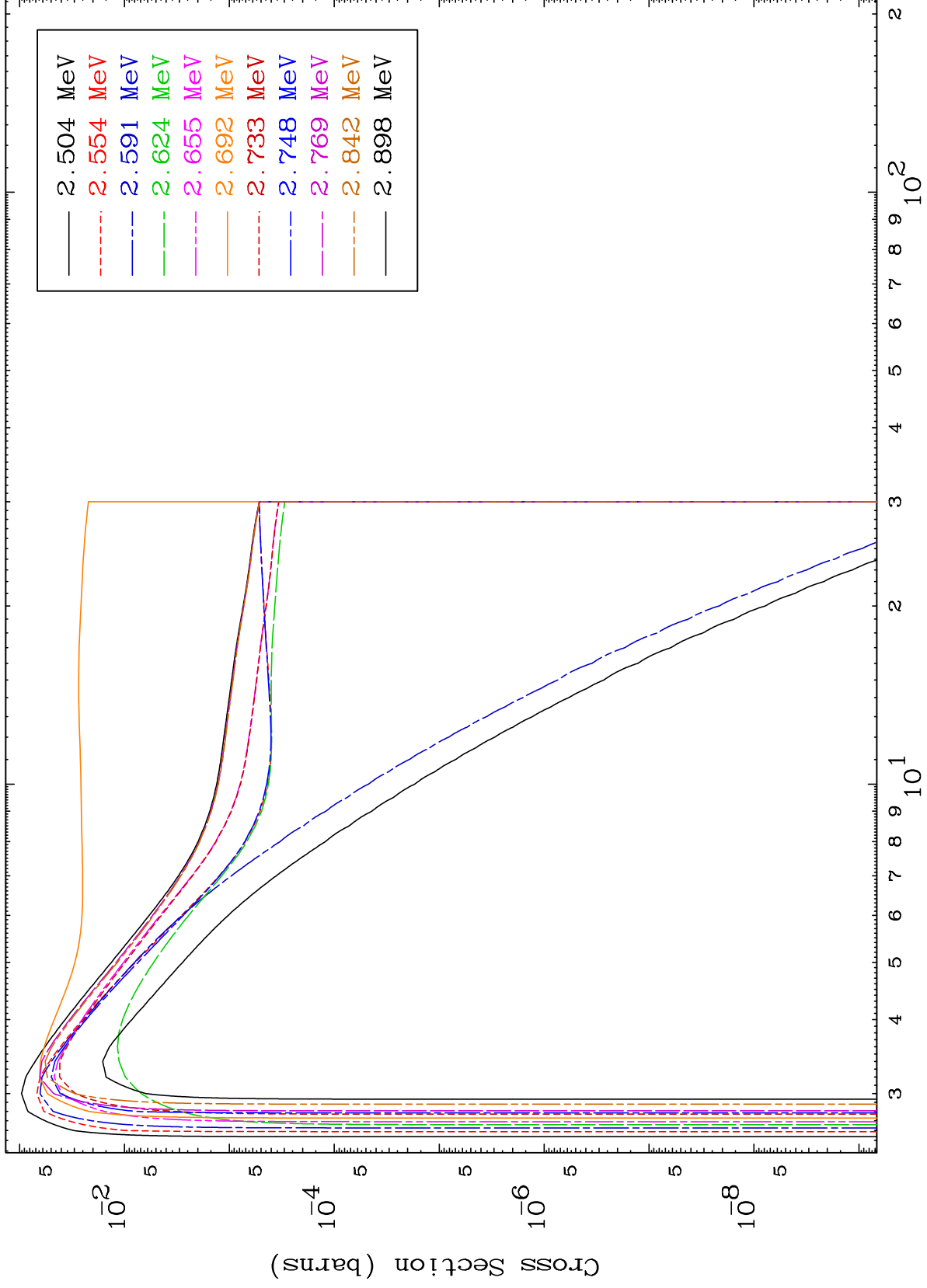
32-Ge-76



MAT 3243

(n,n') Level
293 Kelvin Cross Sections

32-Ge-76



8

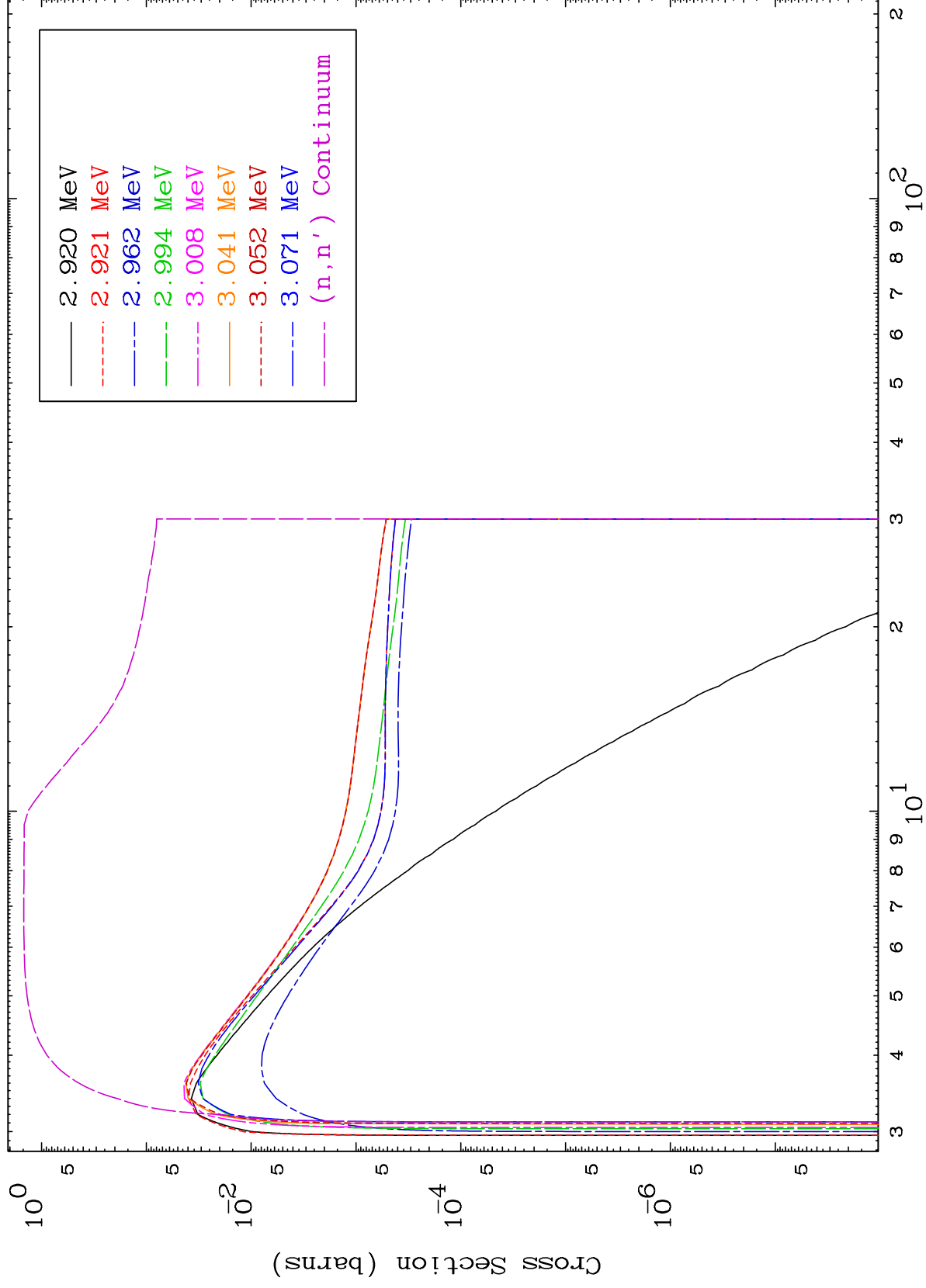
Incident Energy (MeV)

32-Ge-76

MAT 3243

(n,n') Level
293 Kelvin Cross Sections

32-Ge-76



9

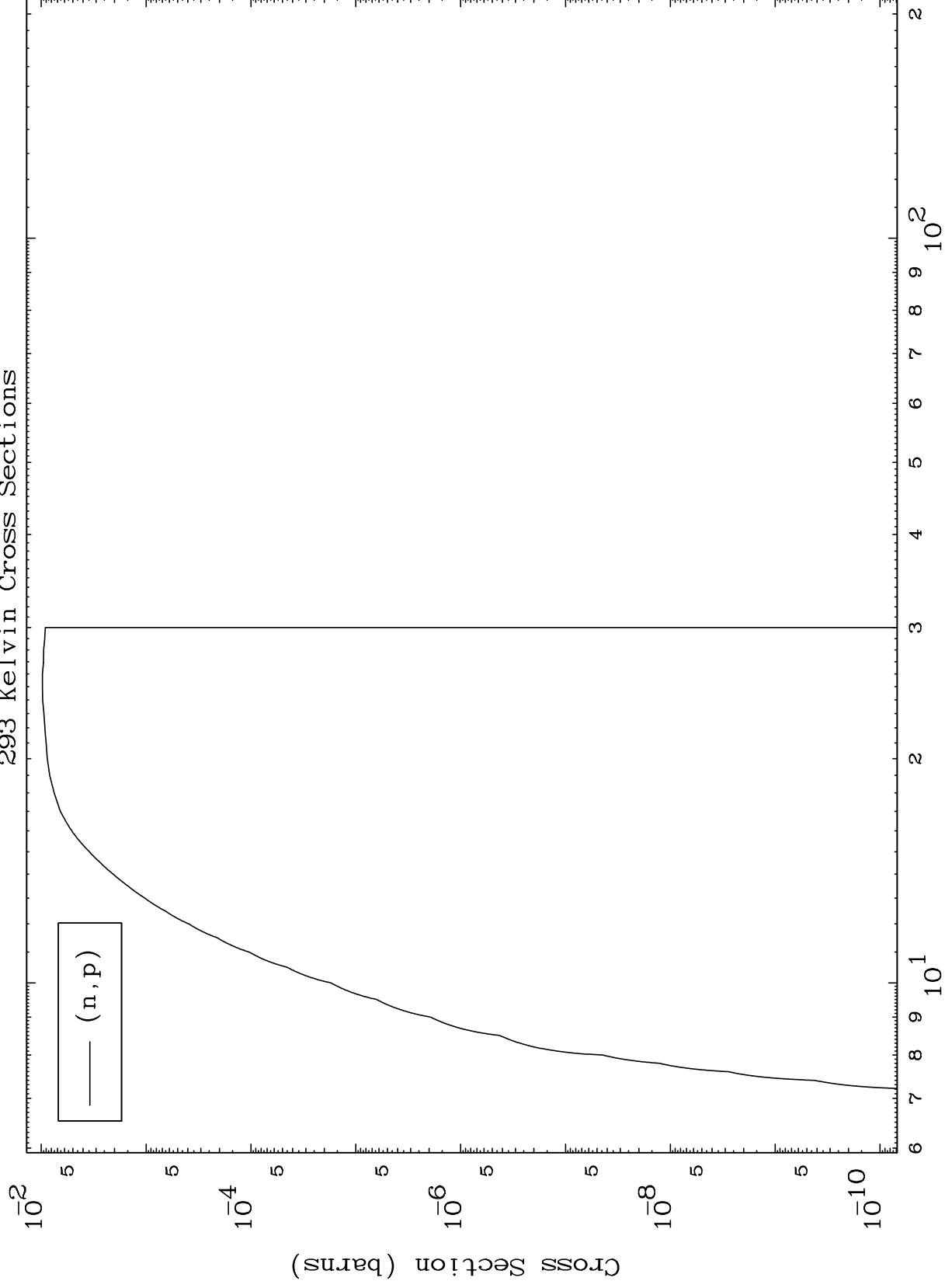
Incident Energy (MeV)

32-Ge-76

MAT 3243

(n,p) Levels
293 Kelvin Cross Sections

³²Ge-76



10

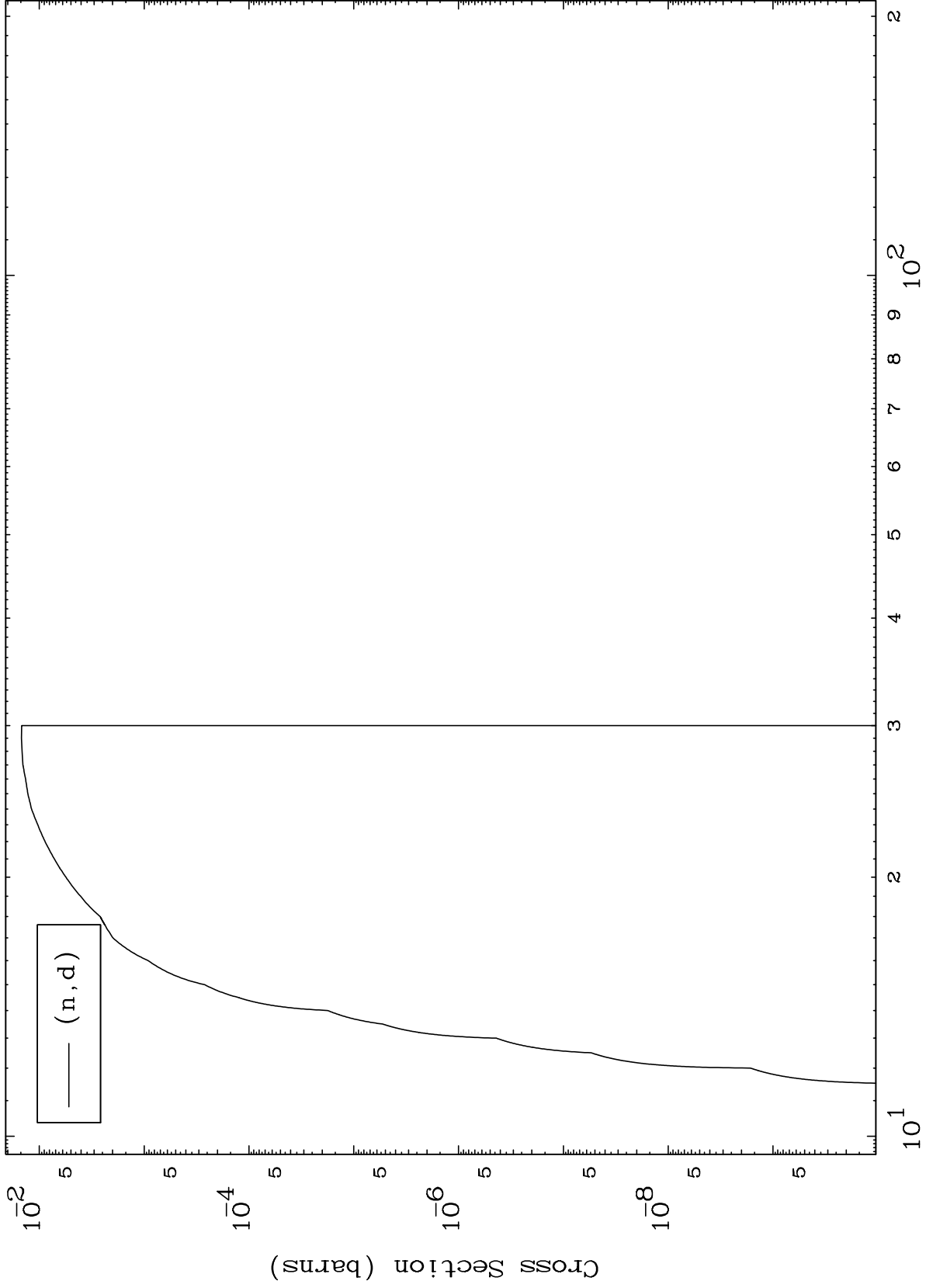
Incident Energy (MeV)

³²Ge-76

MAT 3243

(n,d) Levels
293 Kelvin Cross Sections

³²Ge-76



11

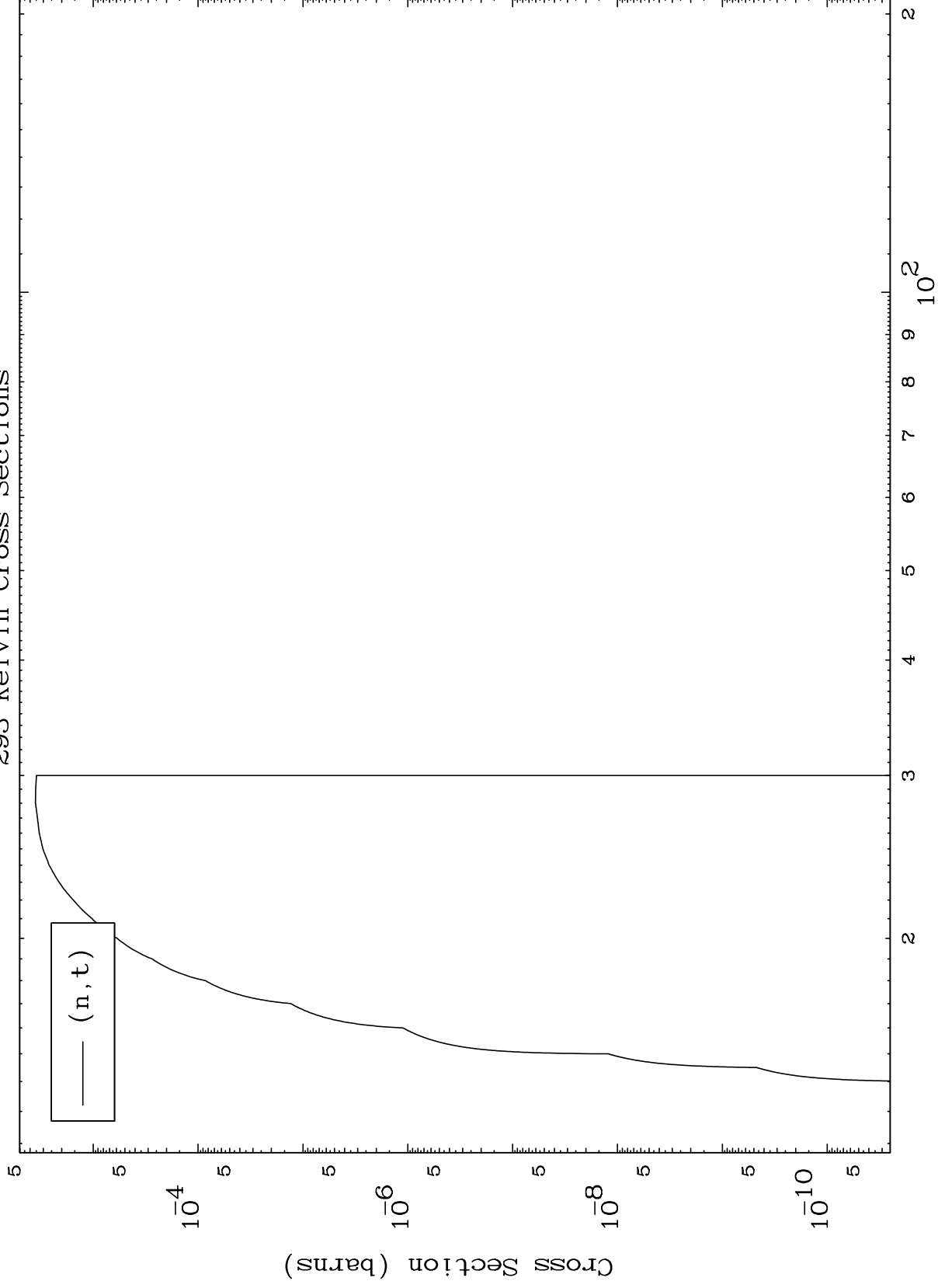
Incident Energy (MeV)

³²Ge-76

MAT 3243

(n,t) Levels
293 Kelvin Cross Sections

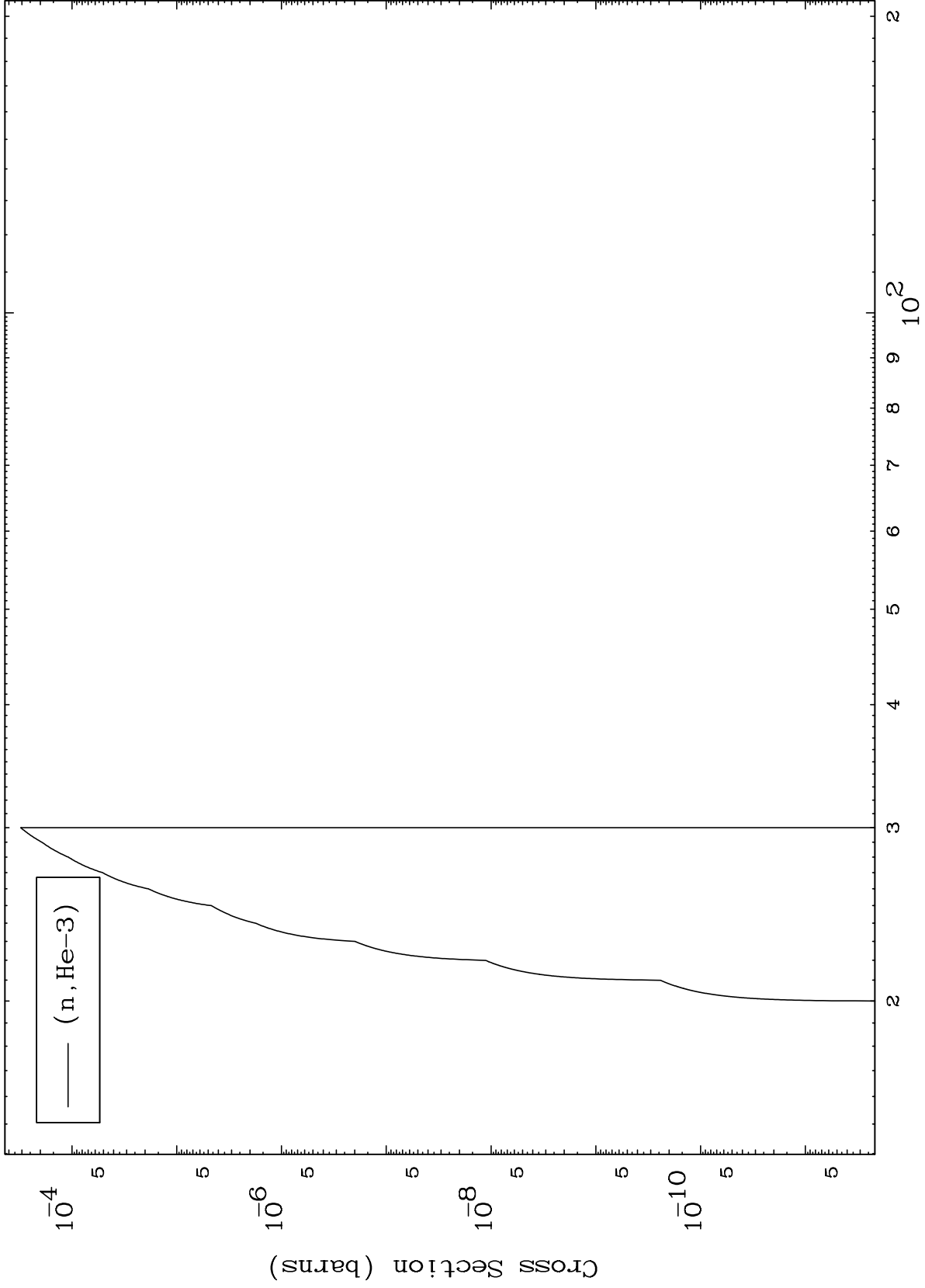
³²Ge-76



12

Incident Energy (MeV)

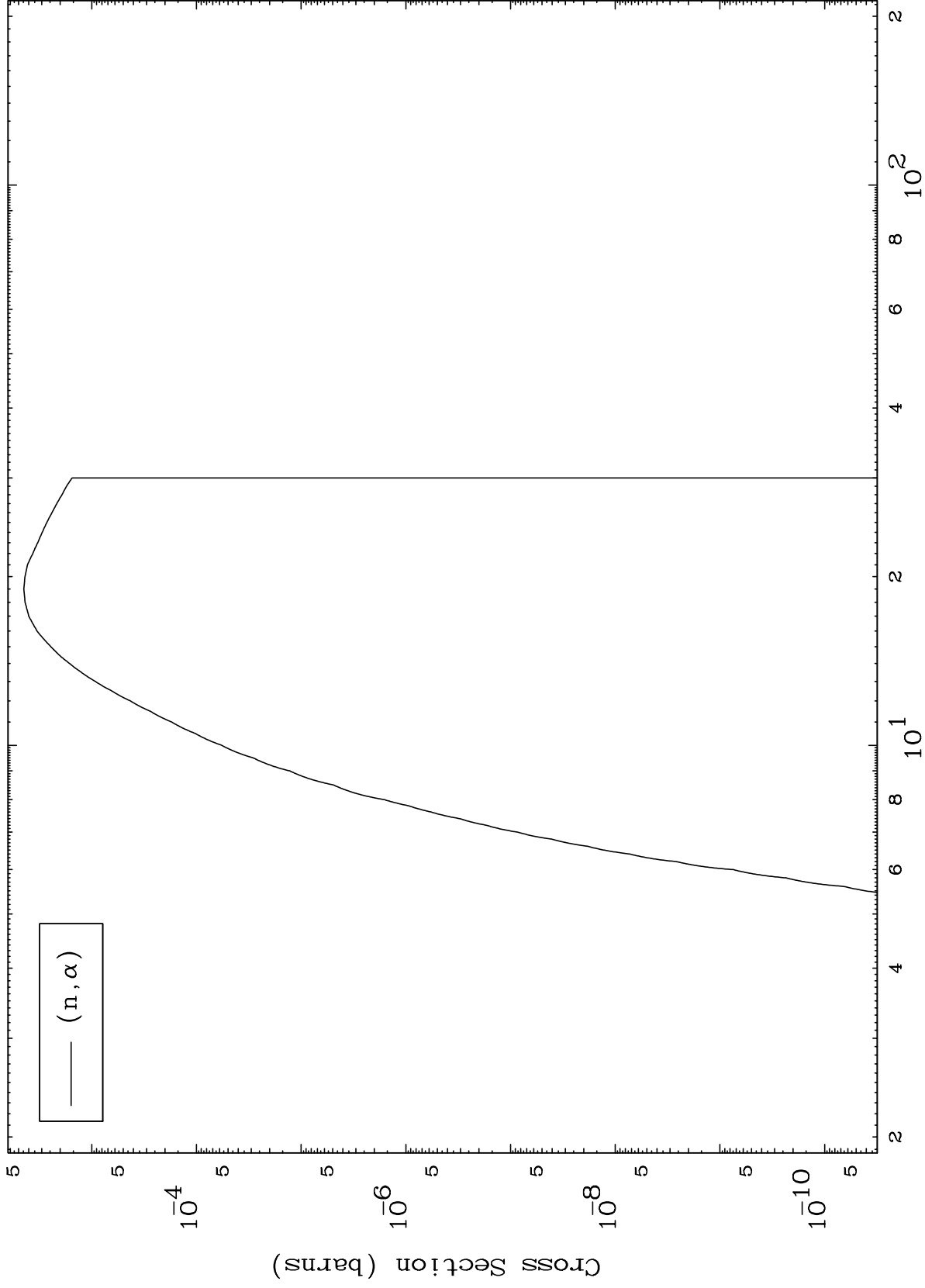
³²Ge-76



MAT 3243

(n, α) Levels
293 Kelvin Cross Sections

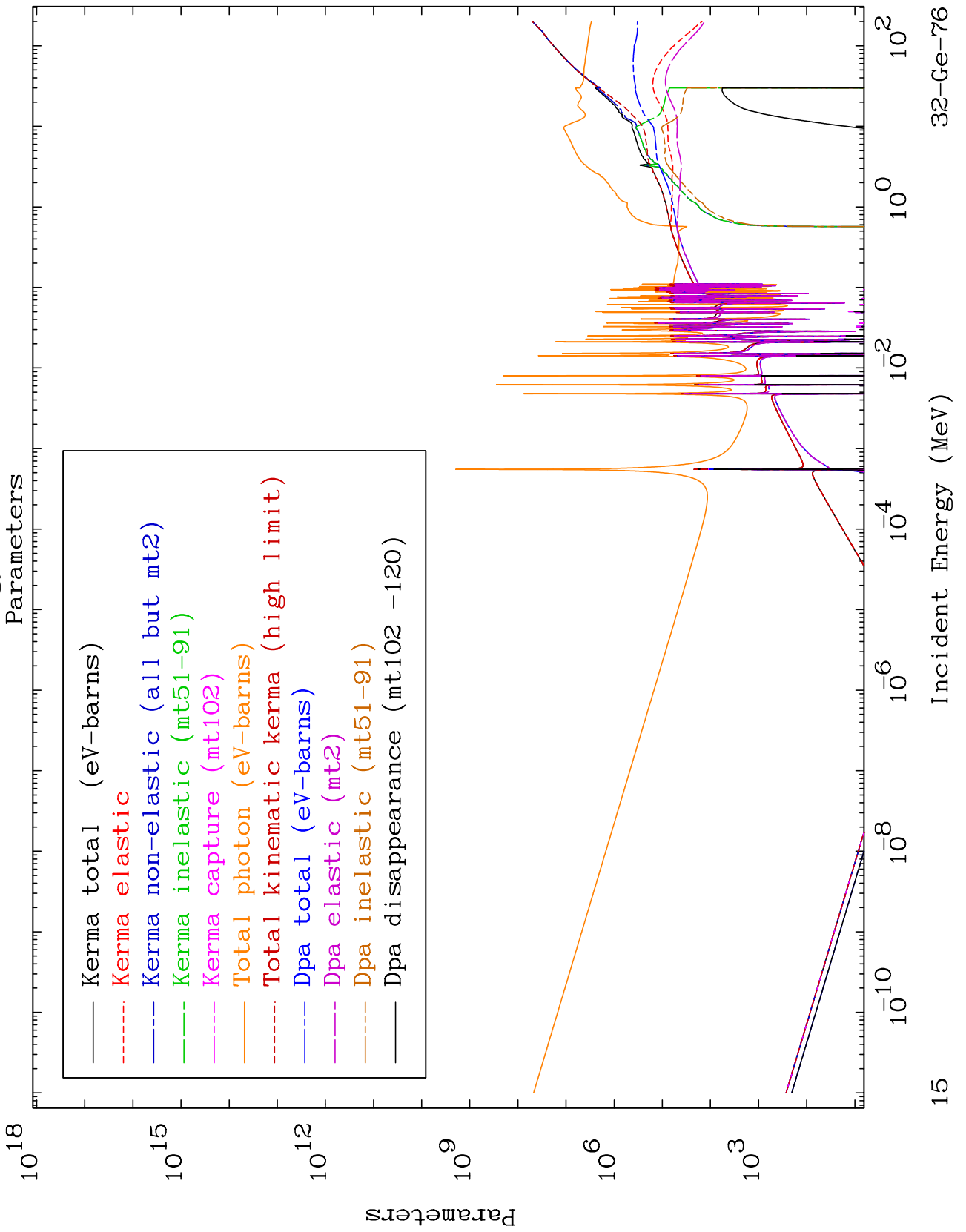
³²Ge-76



14

Incident Energy (MeV)

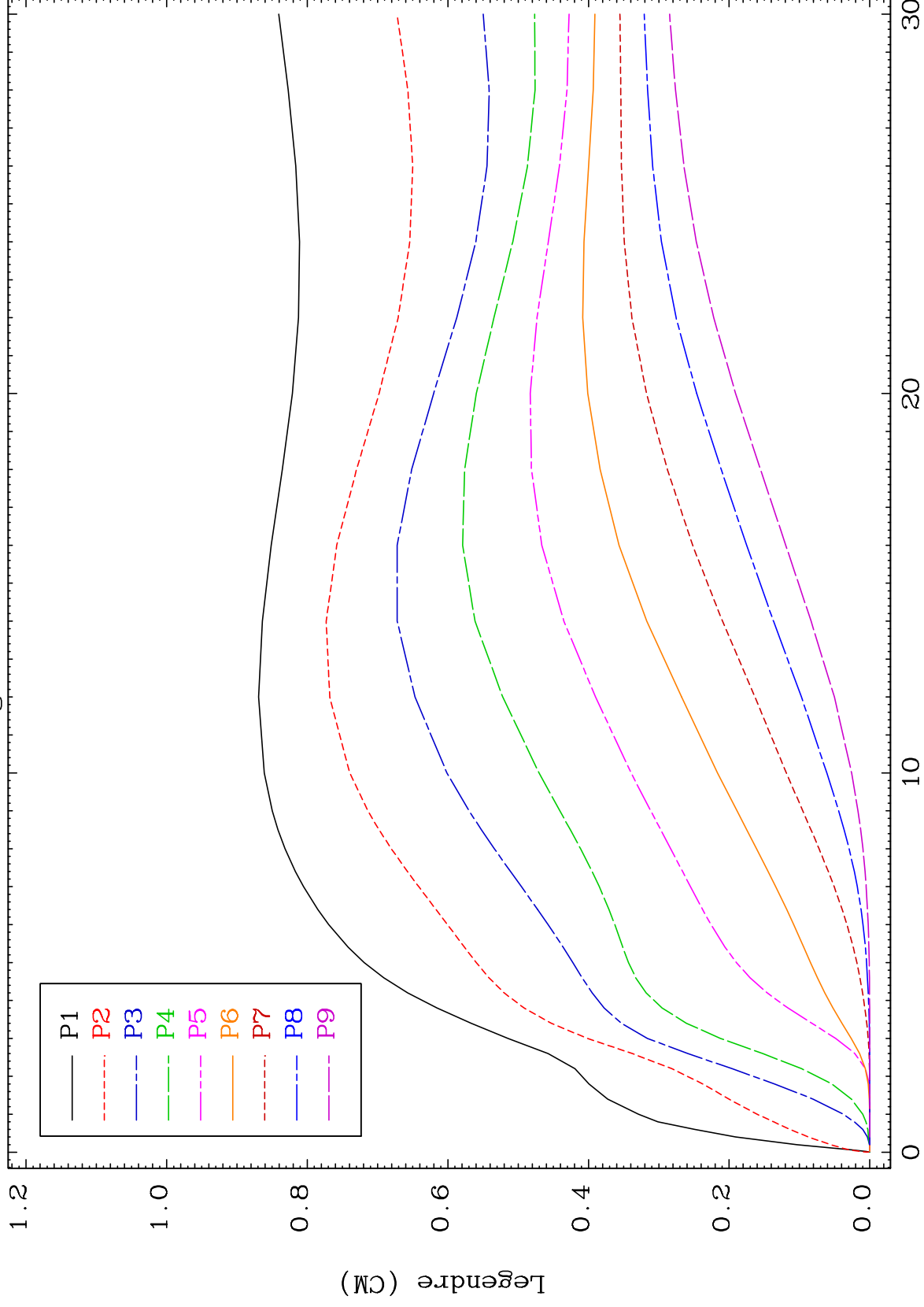
³²Ge-76



MAT 3243

Elastic Legendre Coefficients

³²Ge-76



16

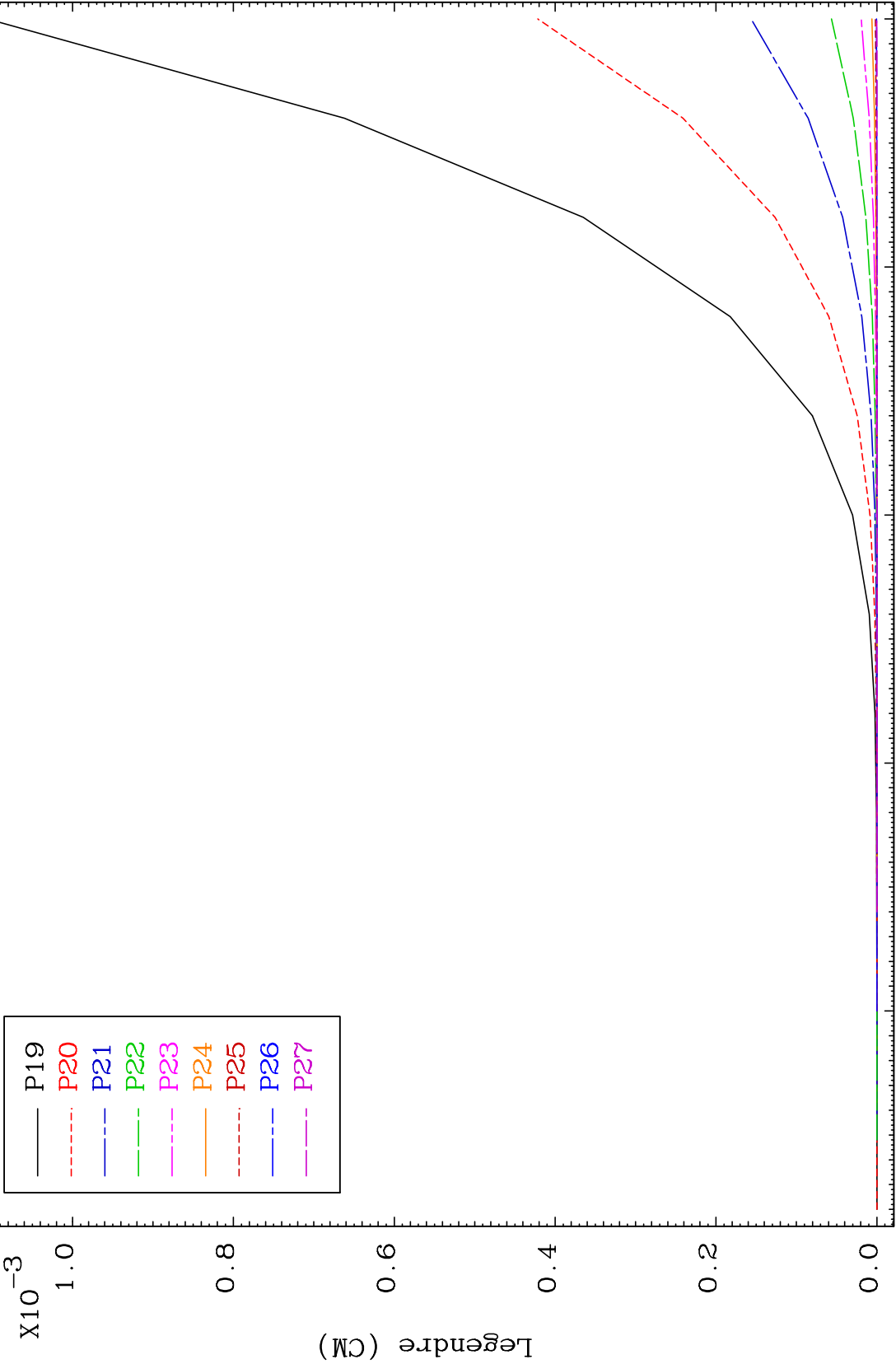
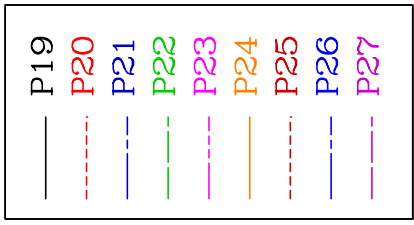
Incident Energy (MeV)

³²Ge-76

MAT 3243

Elastic Legendre Coefficients

³²Ge-76



30

25

20

15

10

18

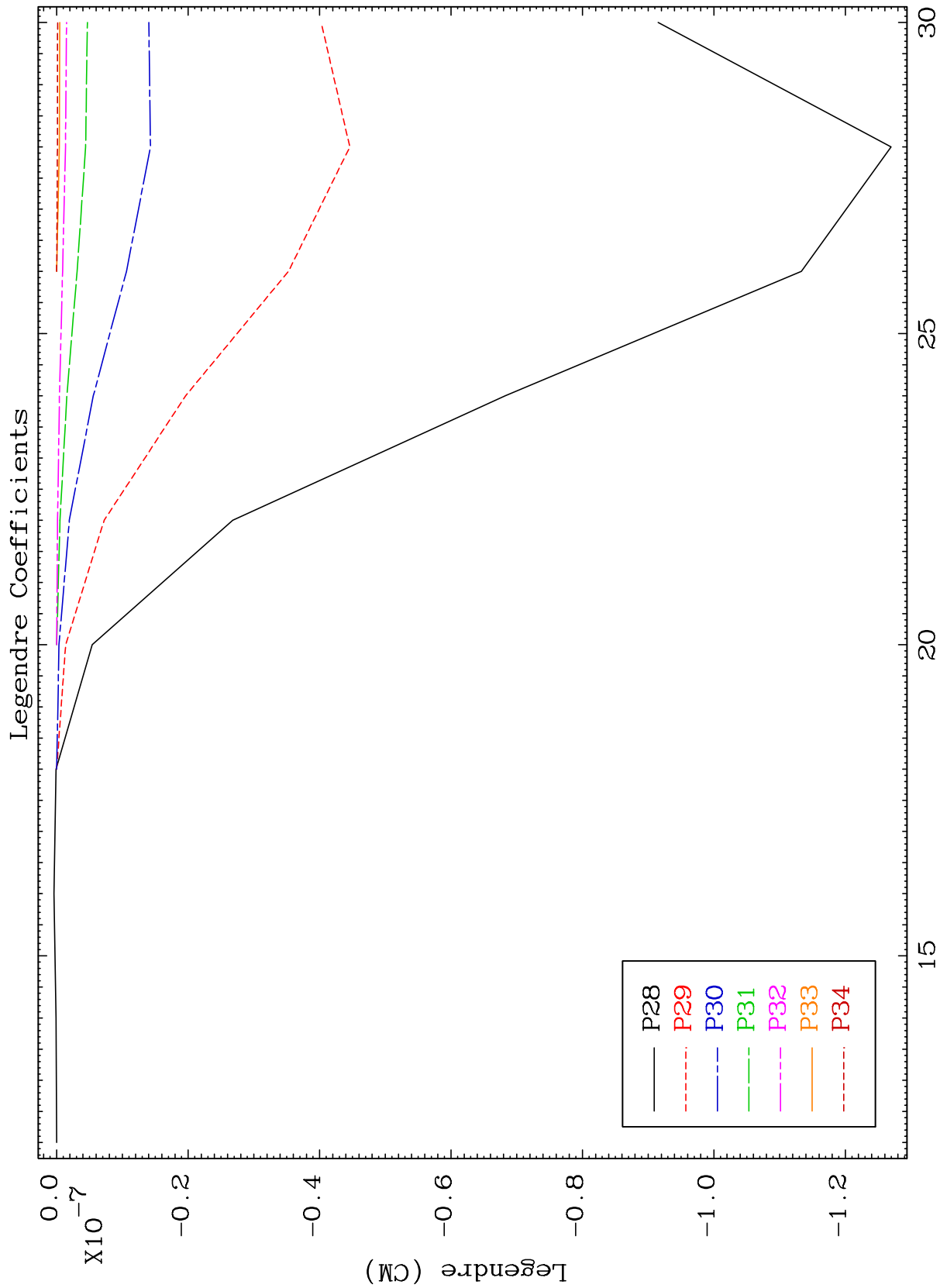
Incident Energy (MeV)

³²Ge-76

MAT 3243

32-Ge-76

Elastic Legendre Coefficients



19

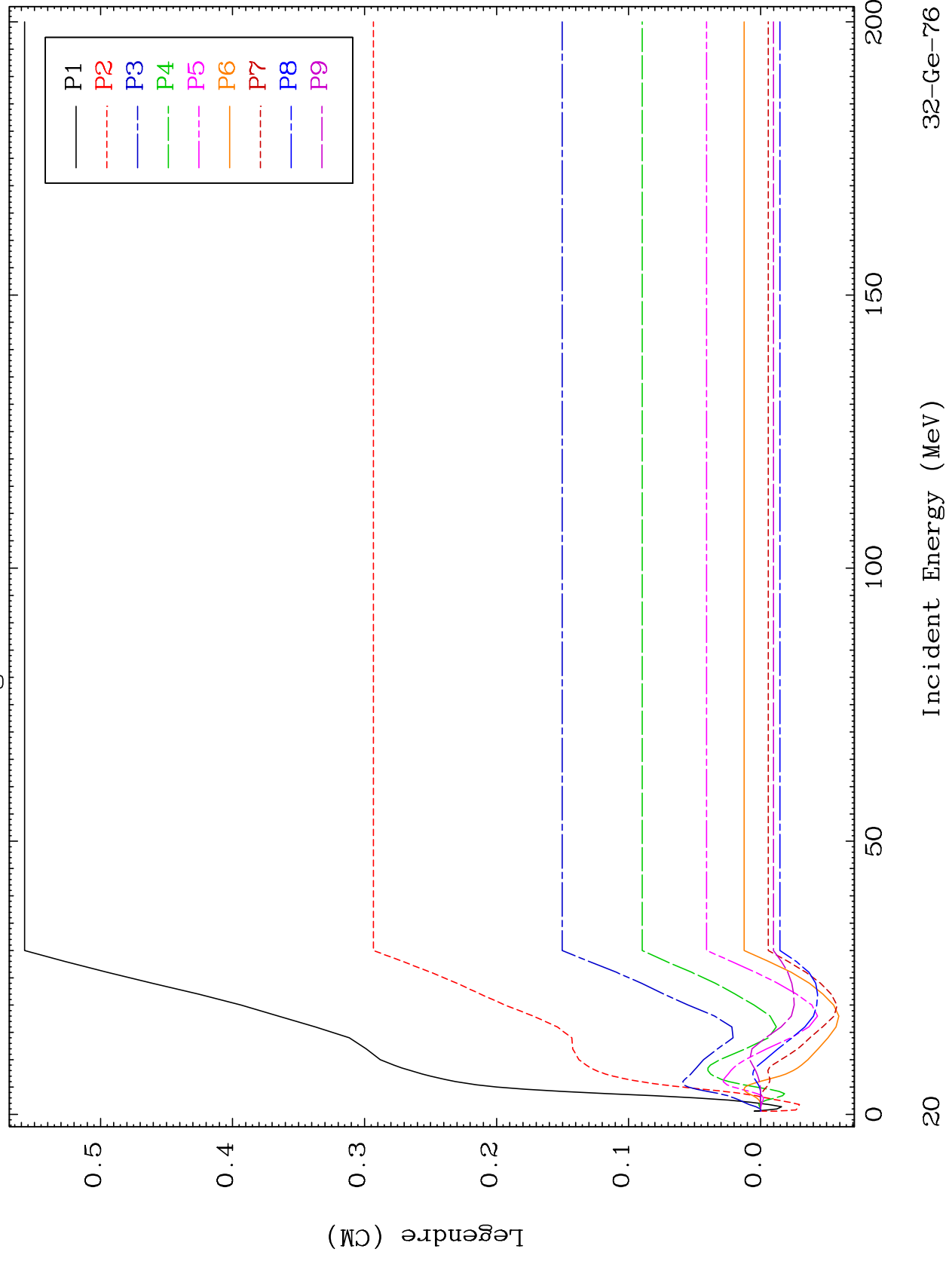
Incident Energy (MeV)

32-Ge-76

MAT 3243

562.9 keV (n,n') Level
Legendre Coefficients

32-Ge-76



32-Ge-76

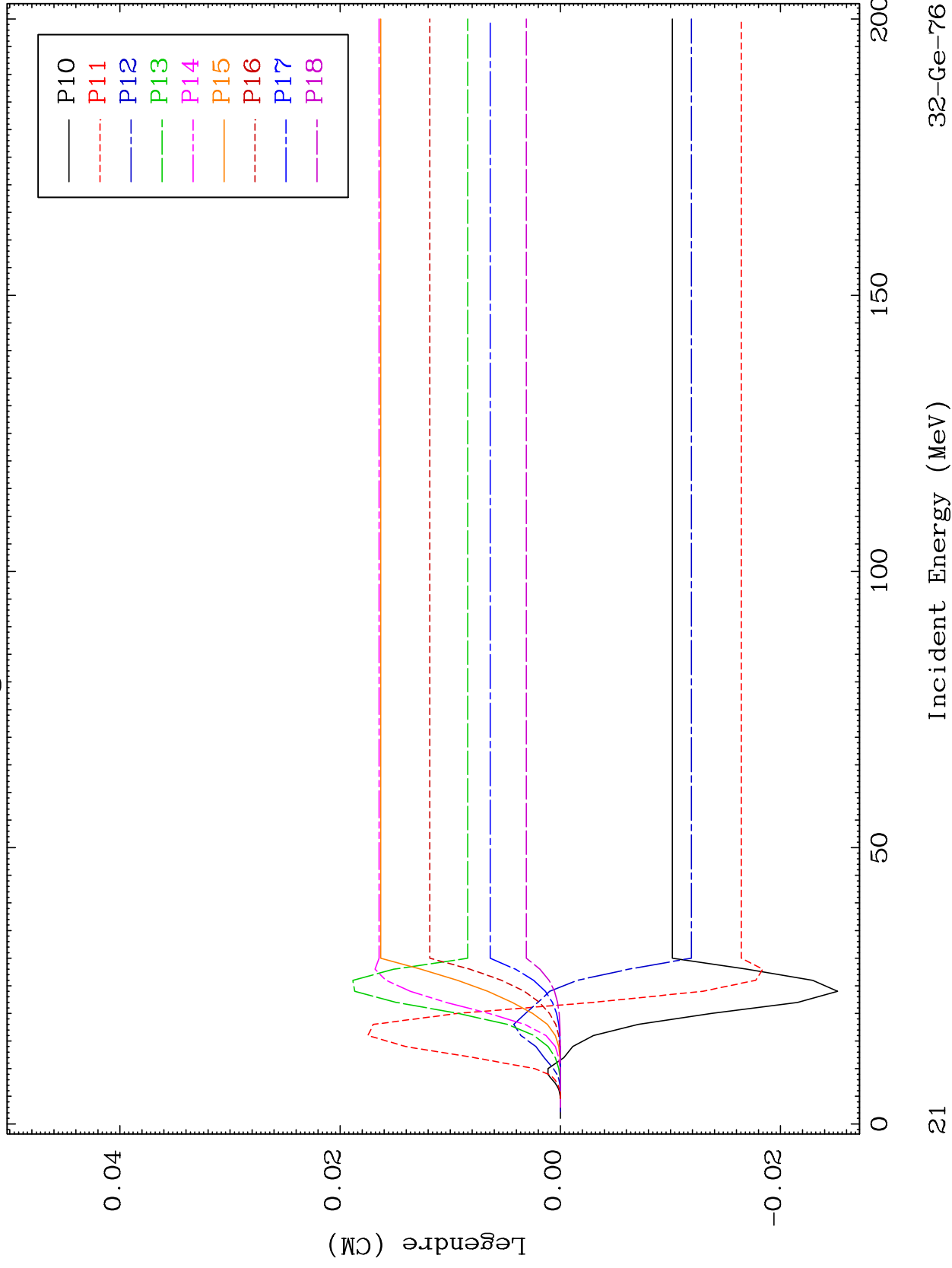
Incident Energy (MeV)

20

MAT 3243

562.9 keV (n, n') Level
Legendre Coefficients

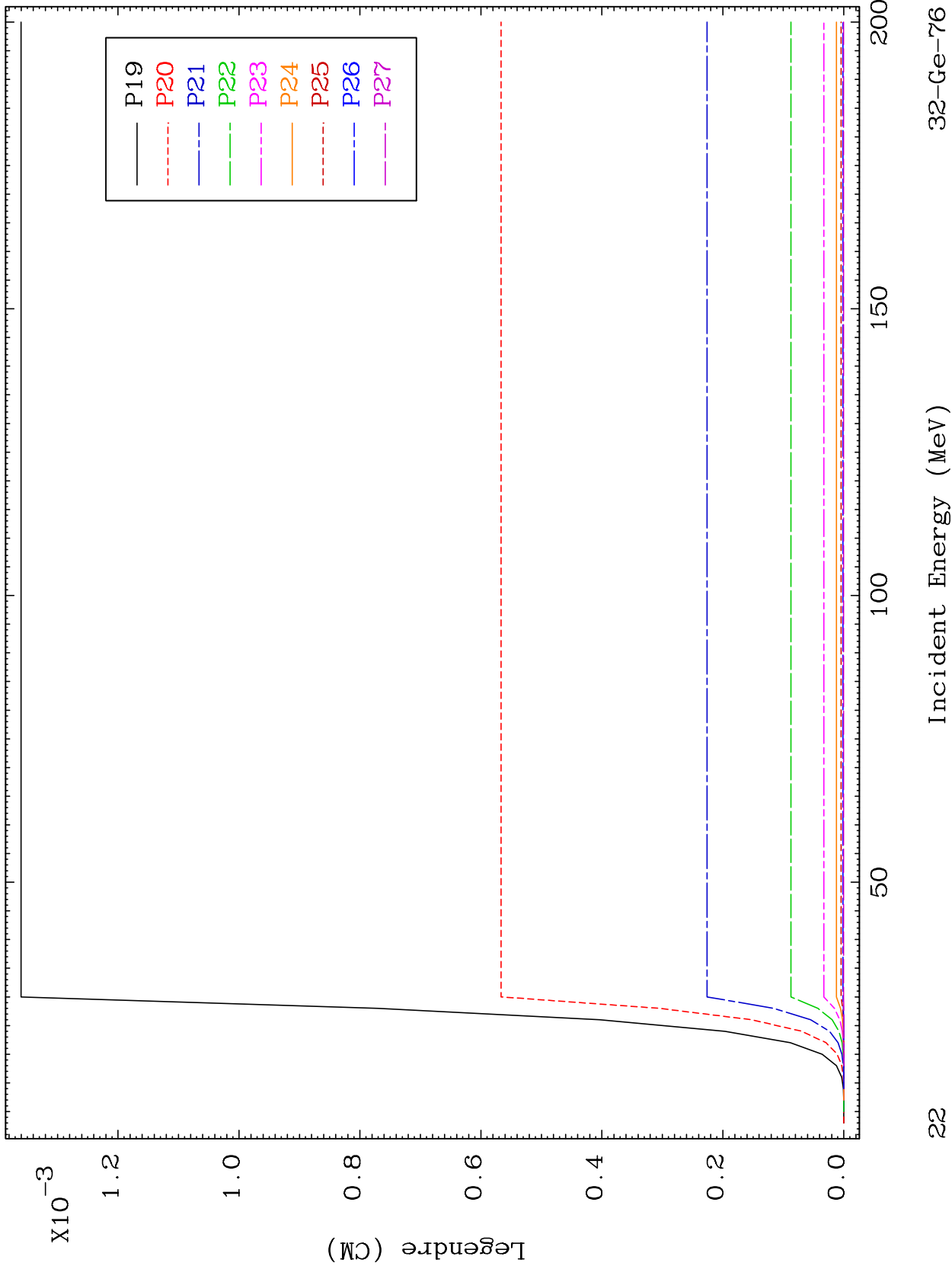
32-Ge-76



21

Incident Energy (MeV)

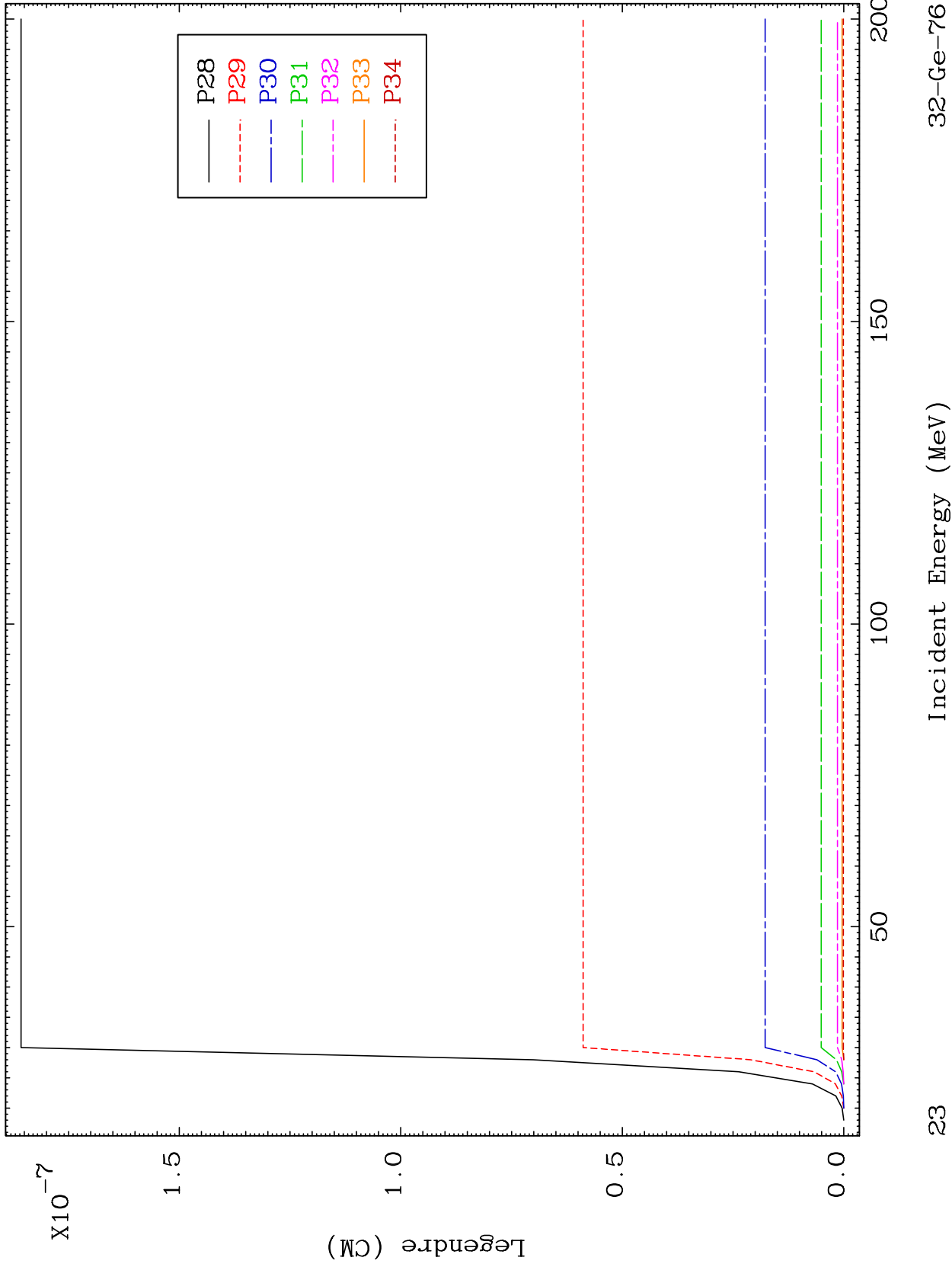
32-Ge-76



MAT 3243

562.9 keV (n,n') Level
Legendre Coefficients

32-Ge-76



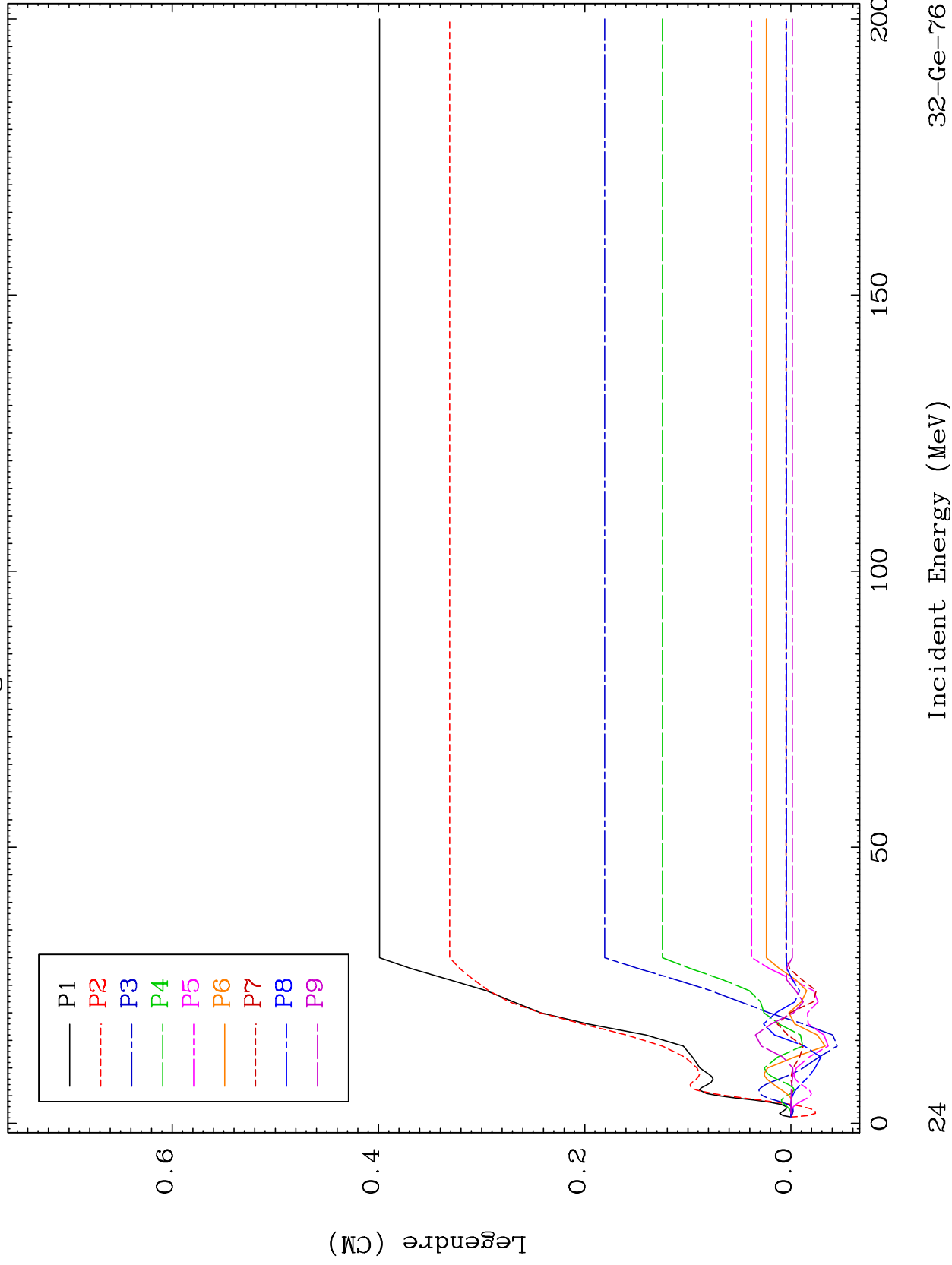
23

32-Ge-76

MAT 3243

1.108 MeV (n,n') Level
Legendre Coefficients

32-Ge-76



24

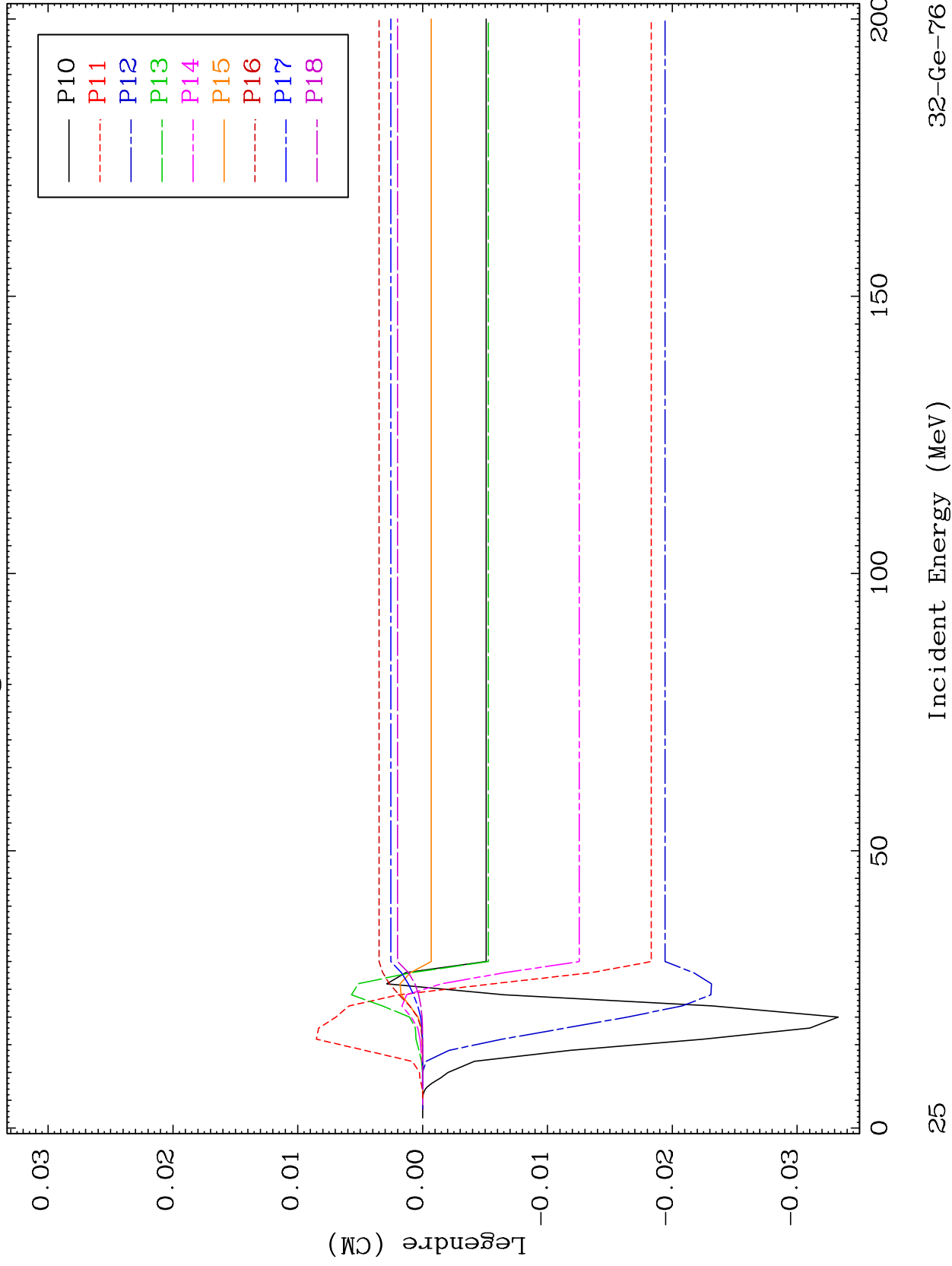
Incident Energy (MeV)

32-Ge-76

MAT 3243

1.108 MeV (n,n') Level
Legendre Coefficients

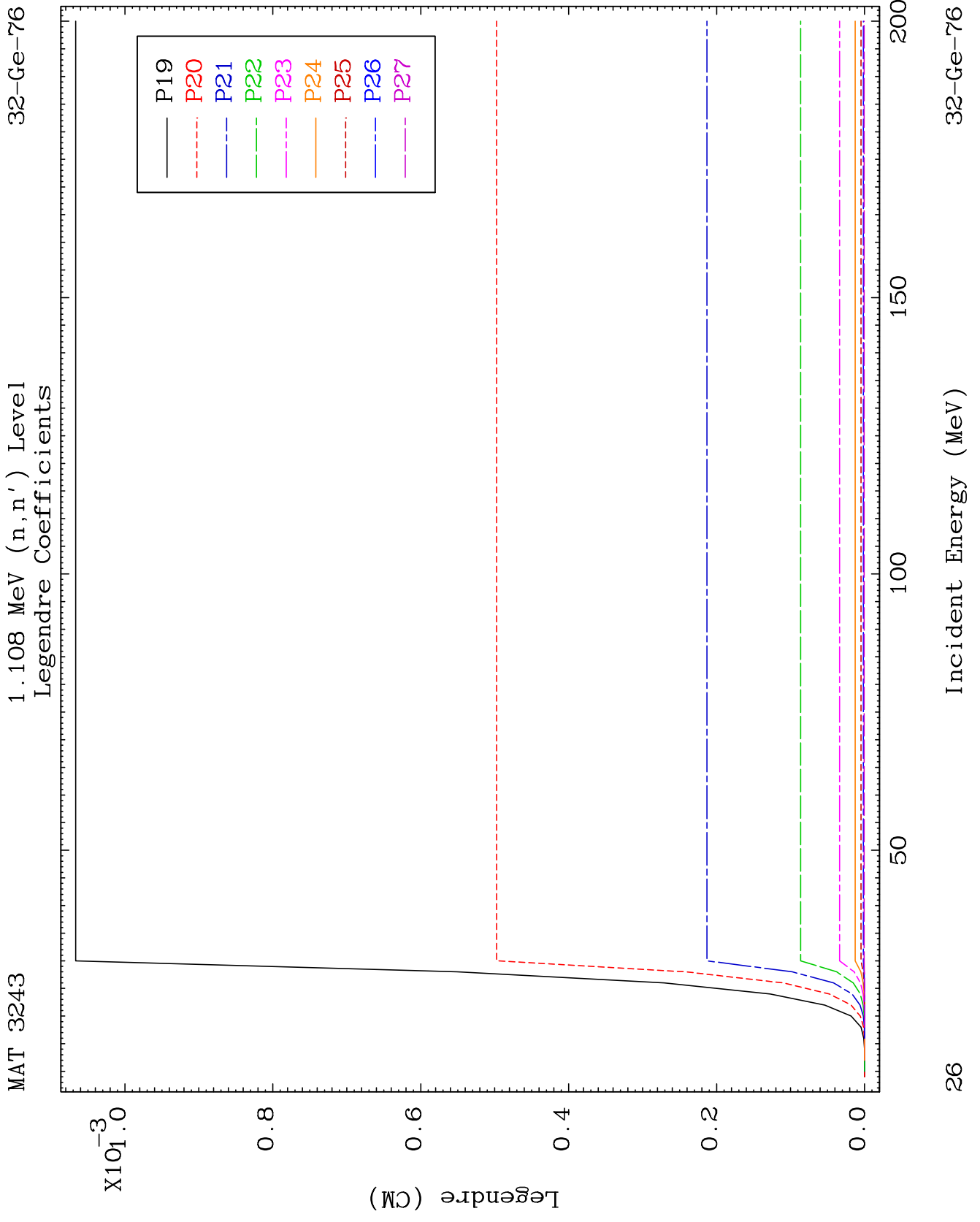
32-Ge-76



32-Ge-76

Incident Energy (MeV)

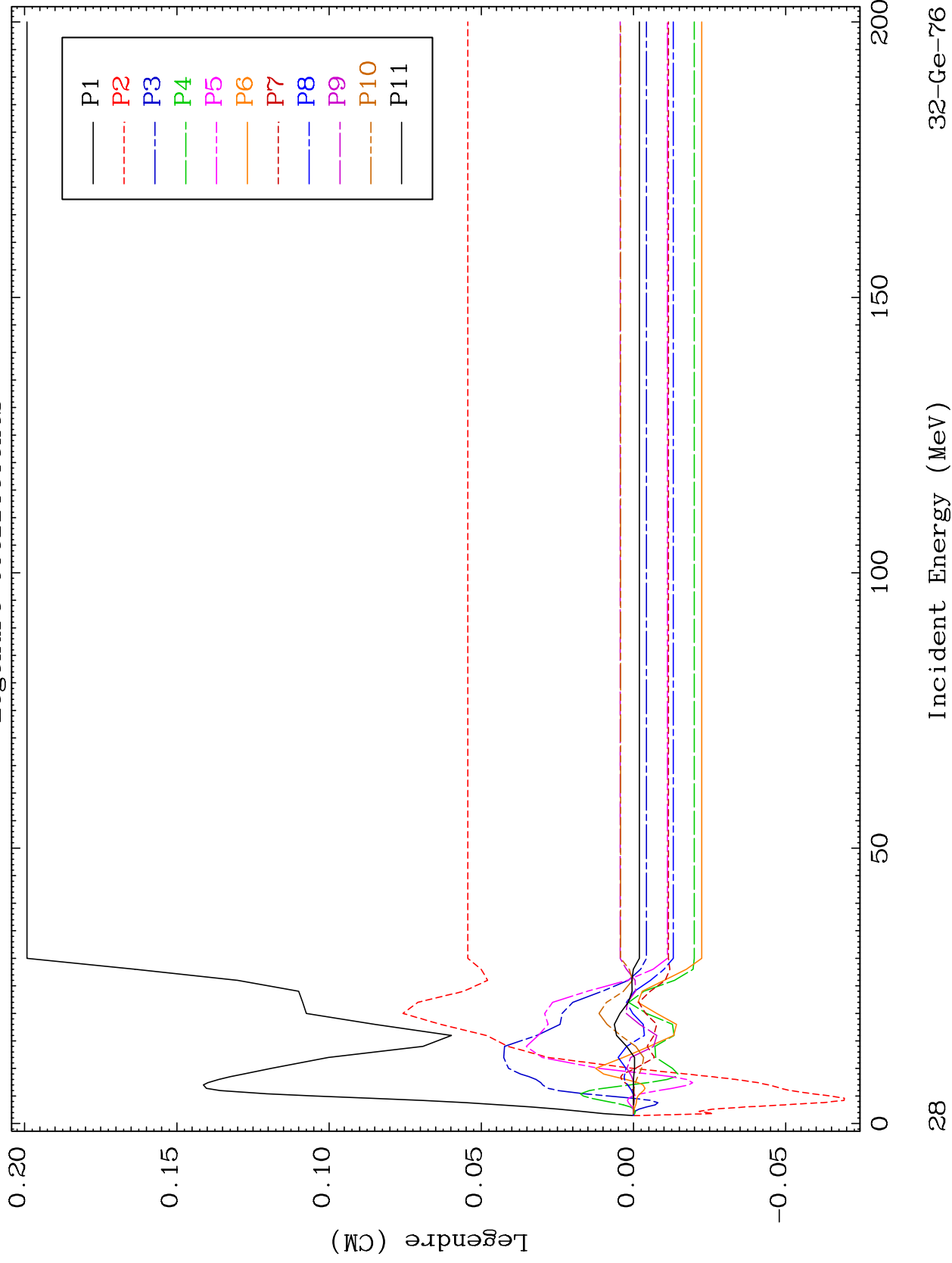
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MAT 3243

1.410 MeV (n,n') Level
Legendre Coefficients

32-Ge-76



32-Ge-76

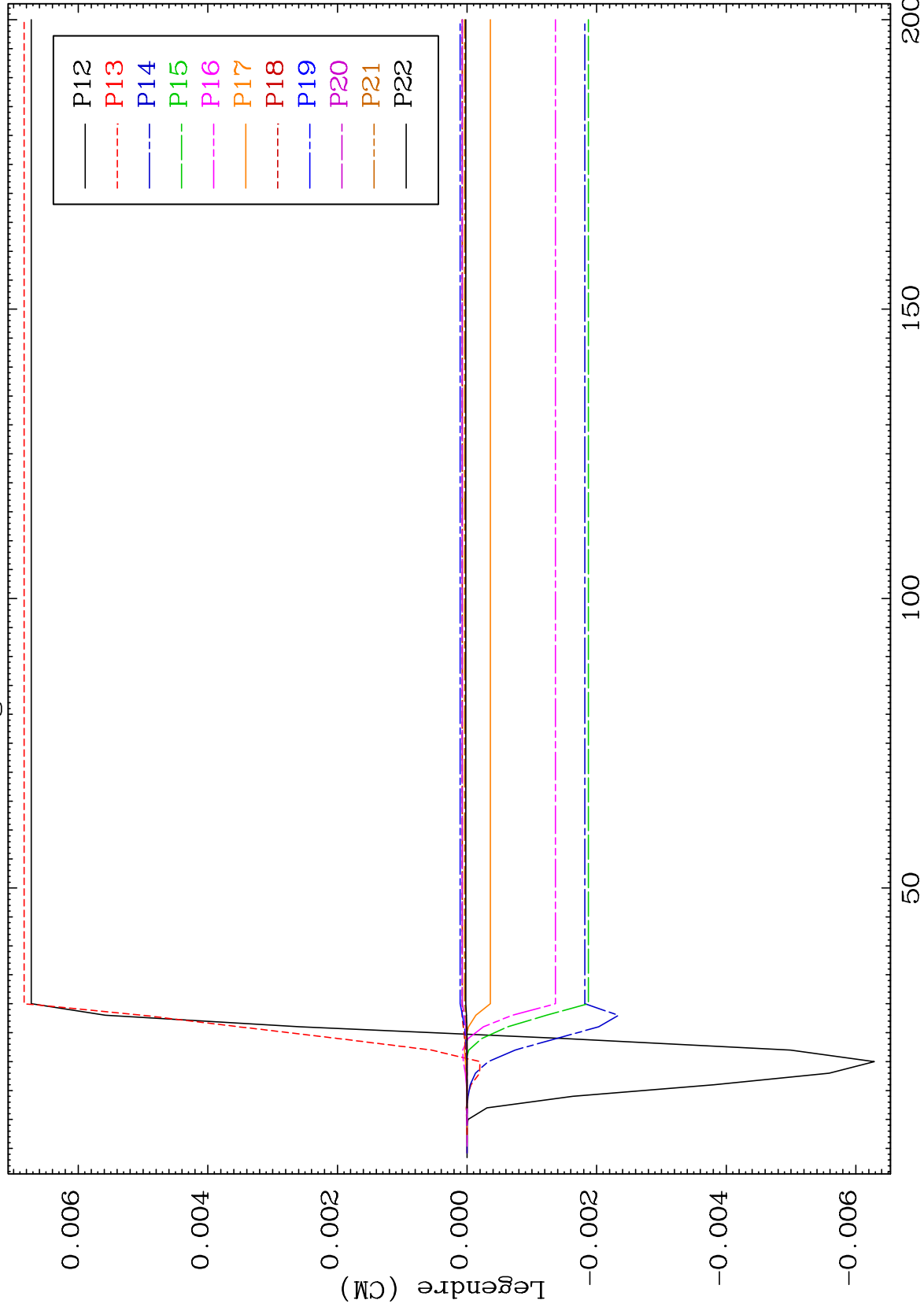
Incident Energy (MeV)

28

MAT 3243

1.410 MeV (n, n') Level
Legendre Coefficients

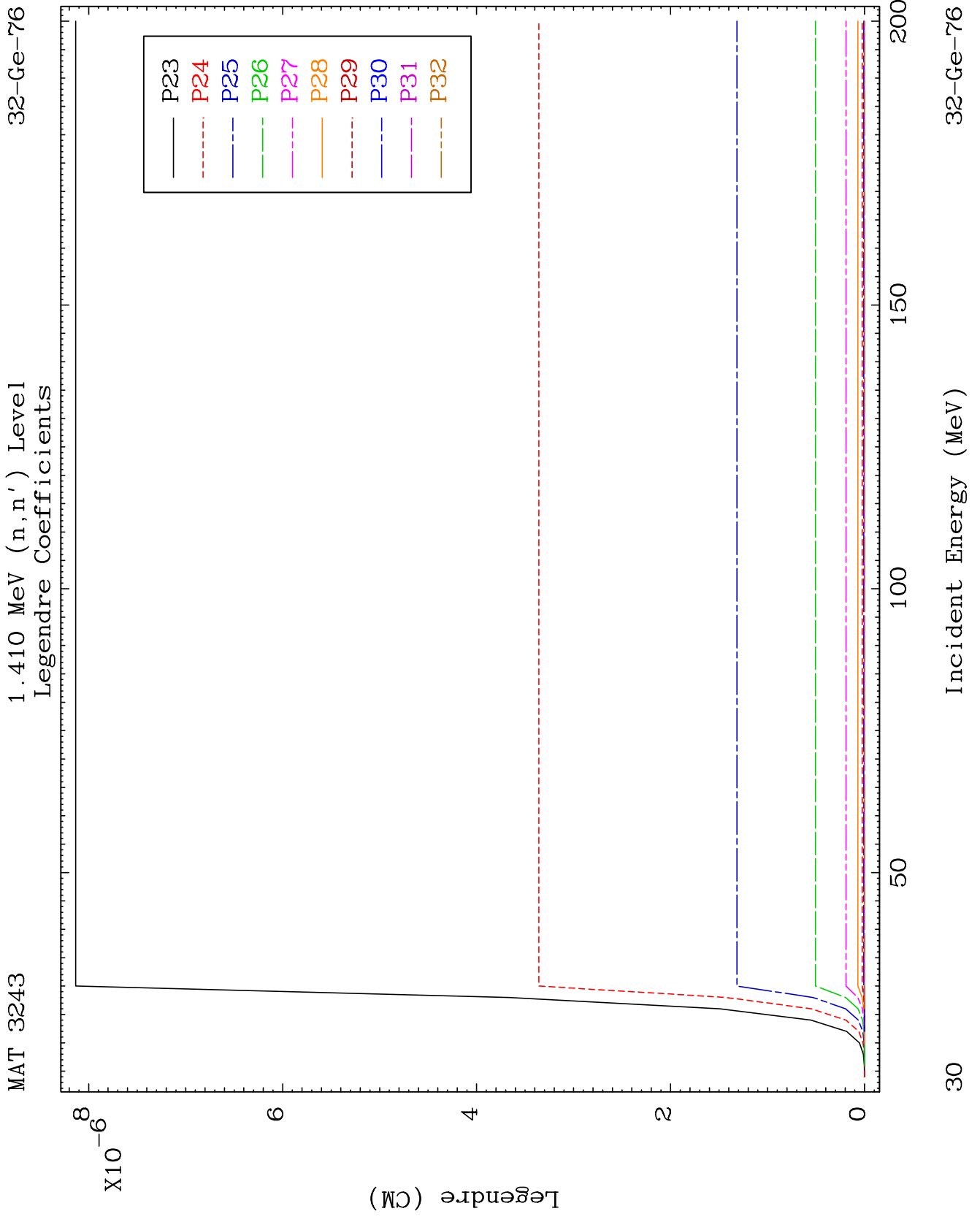
32-Ge-76

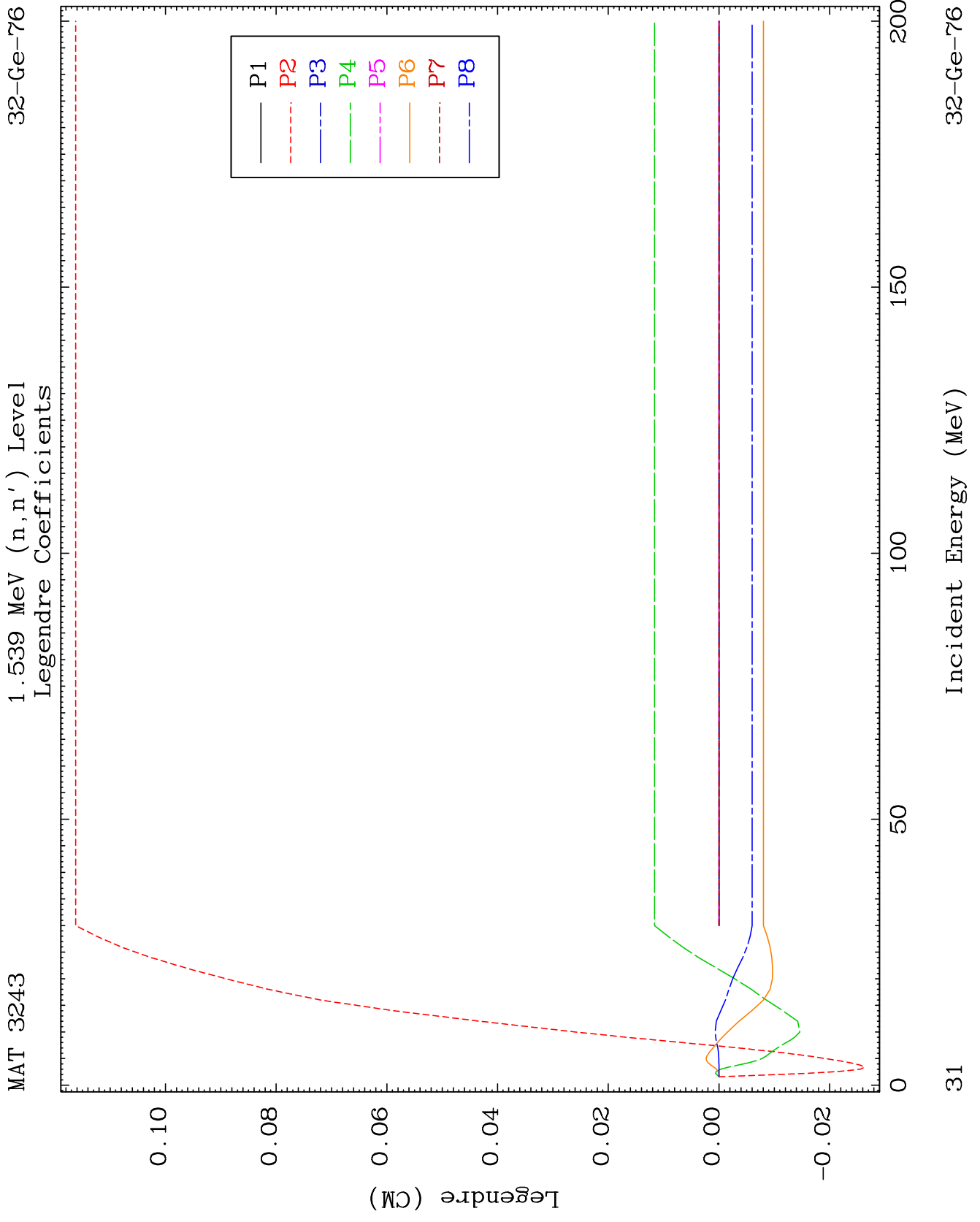


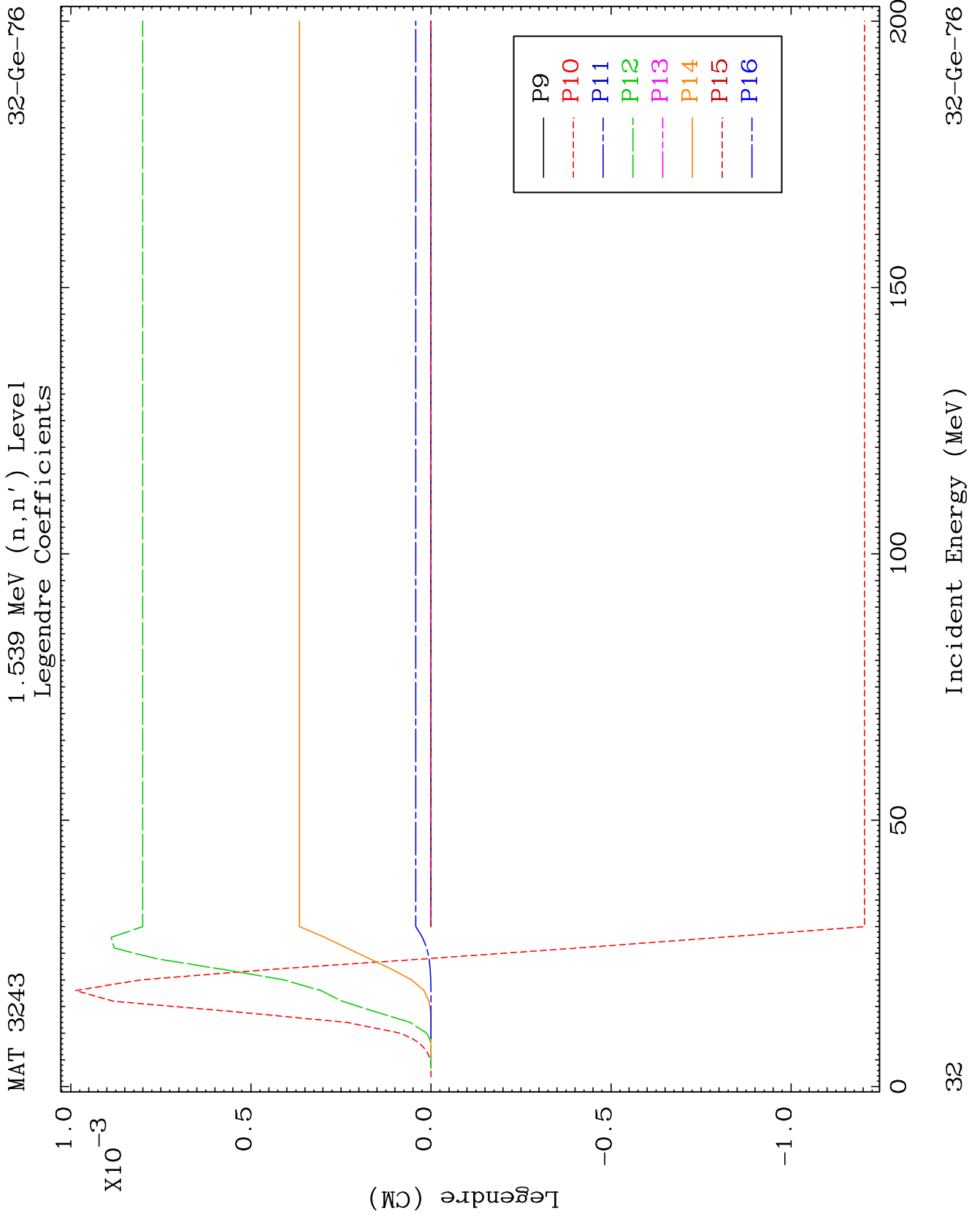
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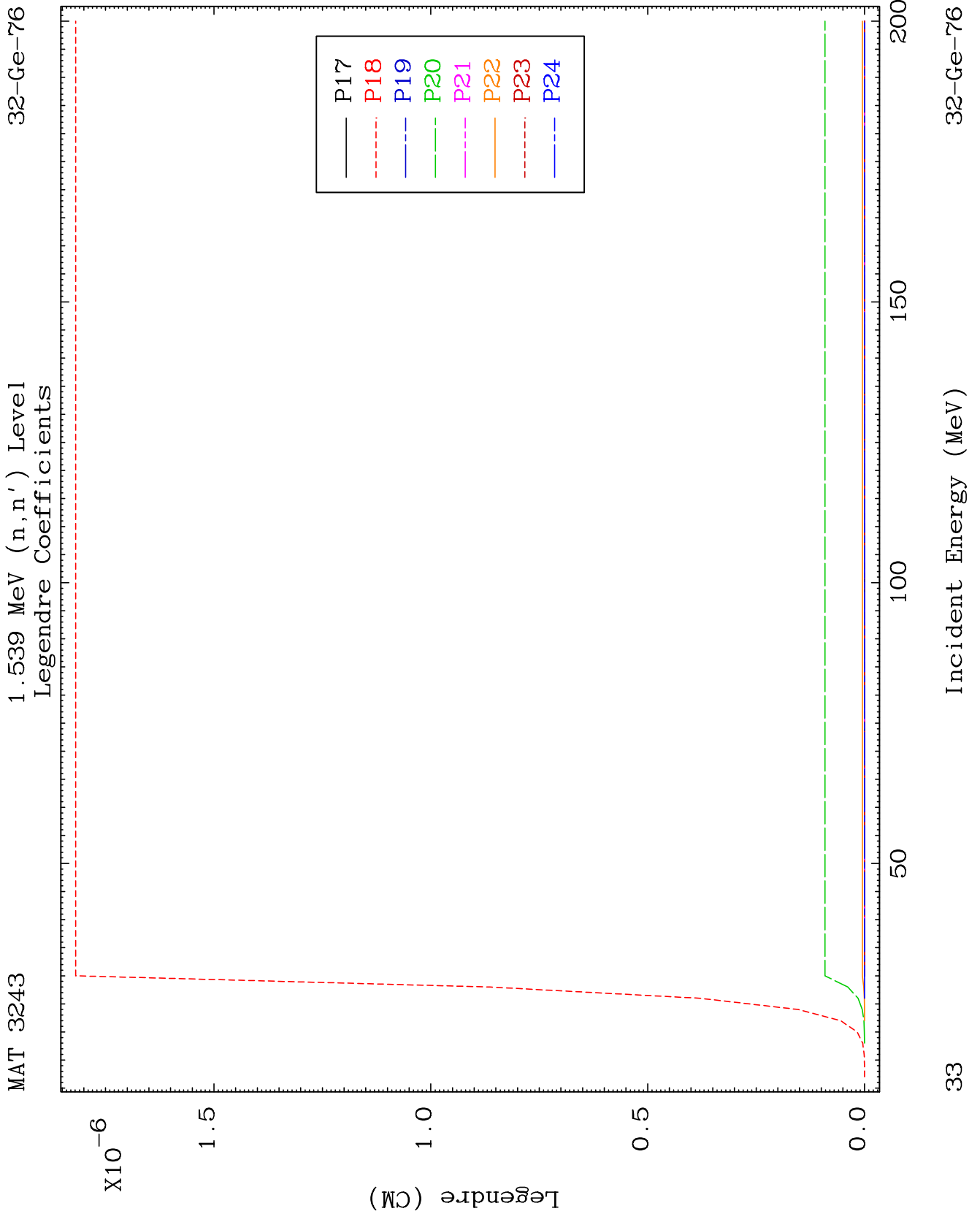
Incident Energy (MeV)

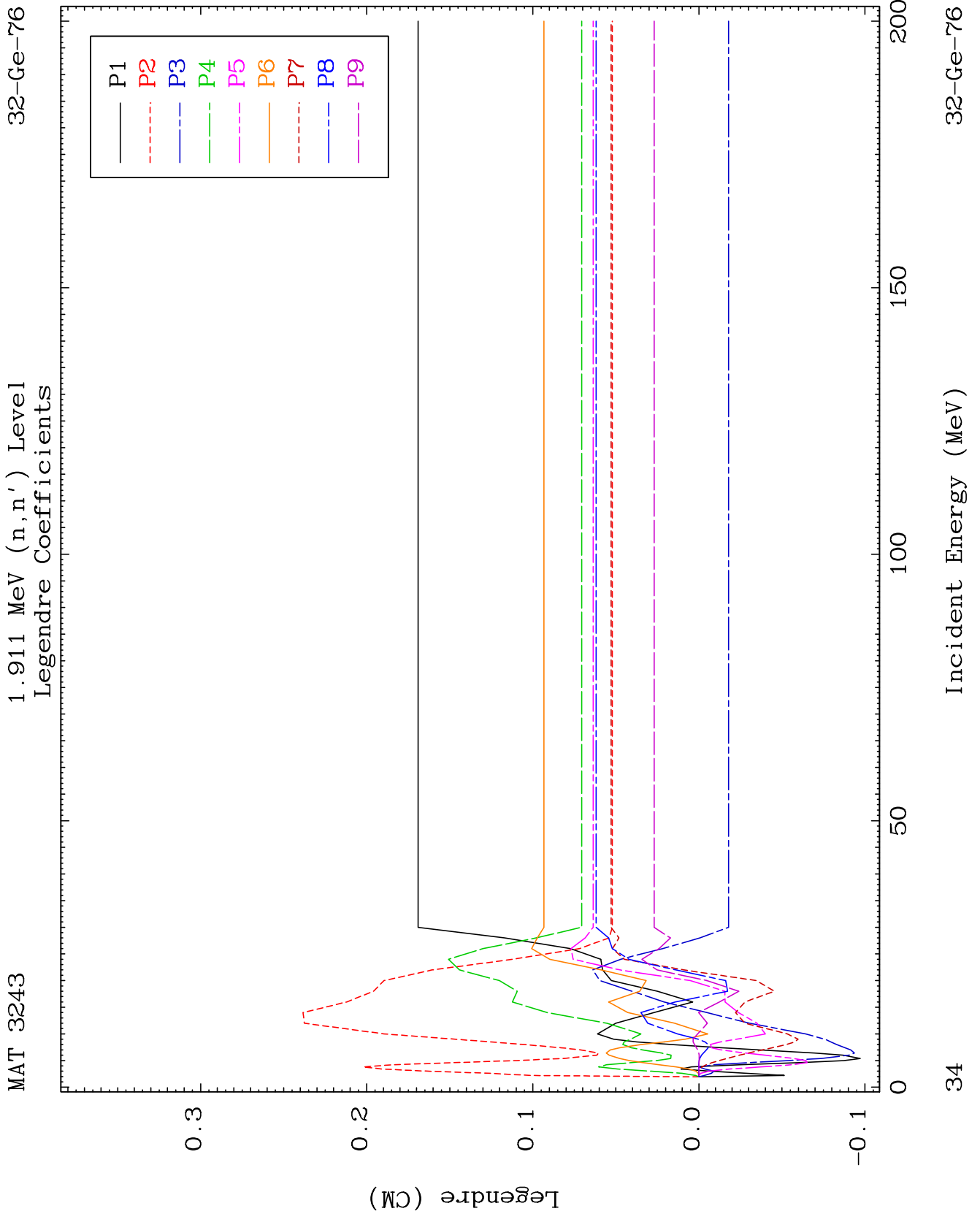
32-Ge-76







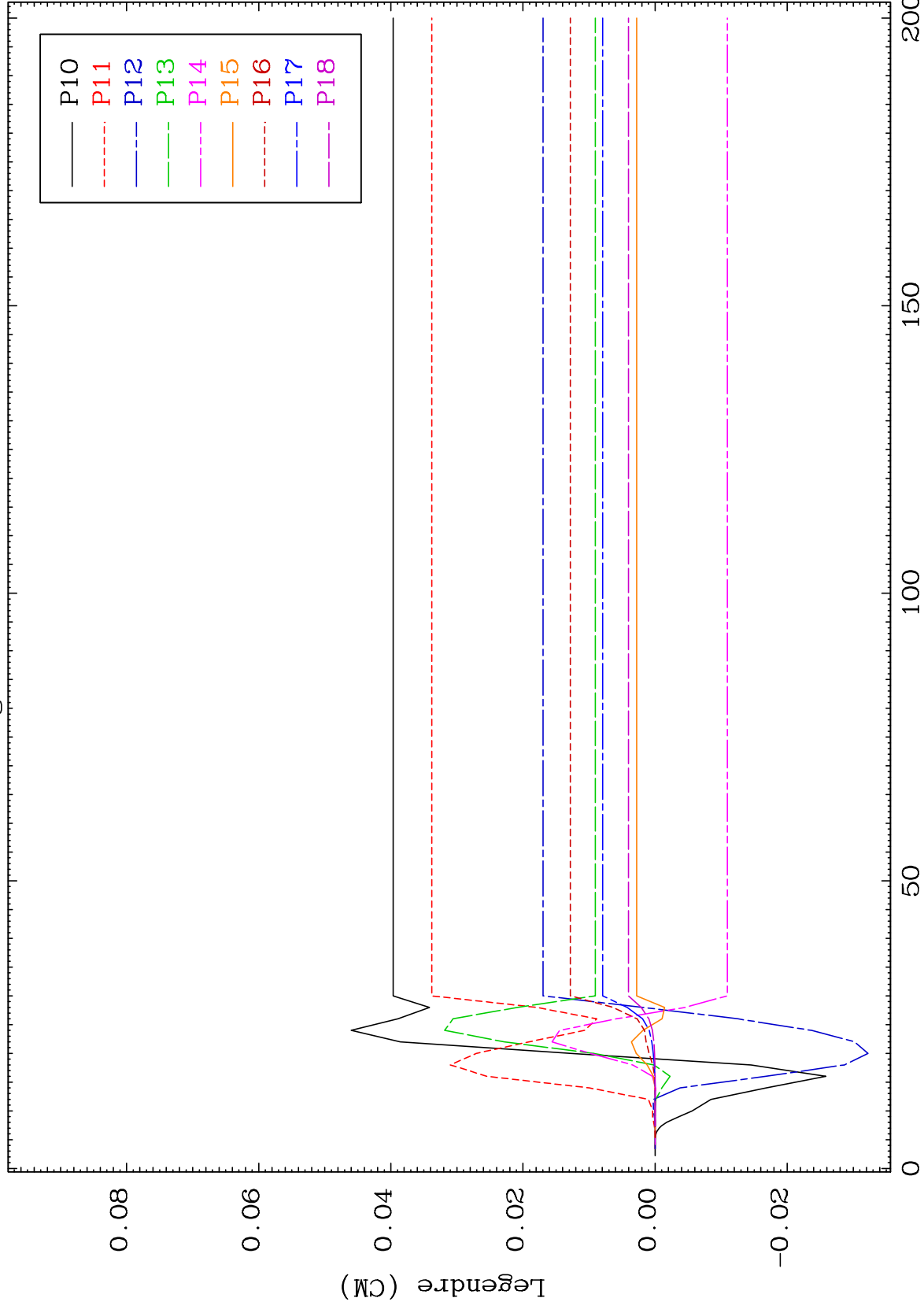




MAT 3243

1.911 MeV (n,n') Level
Legendre Coefficients

32-Ge-76



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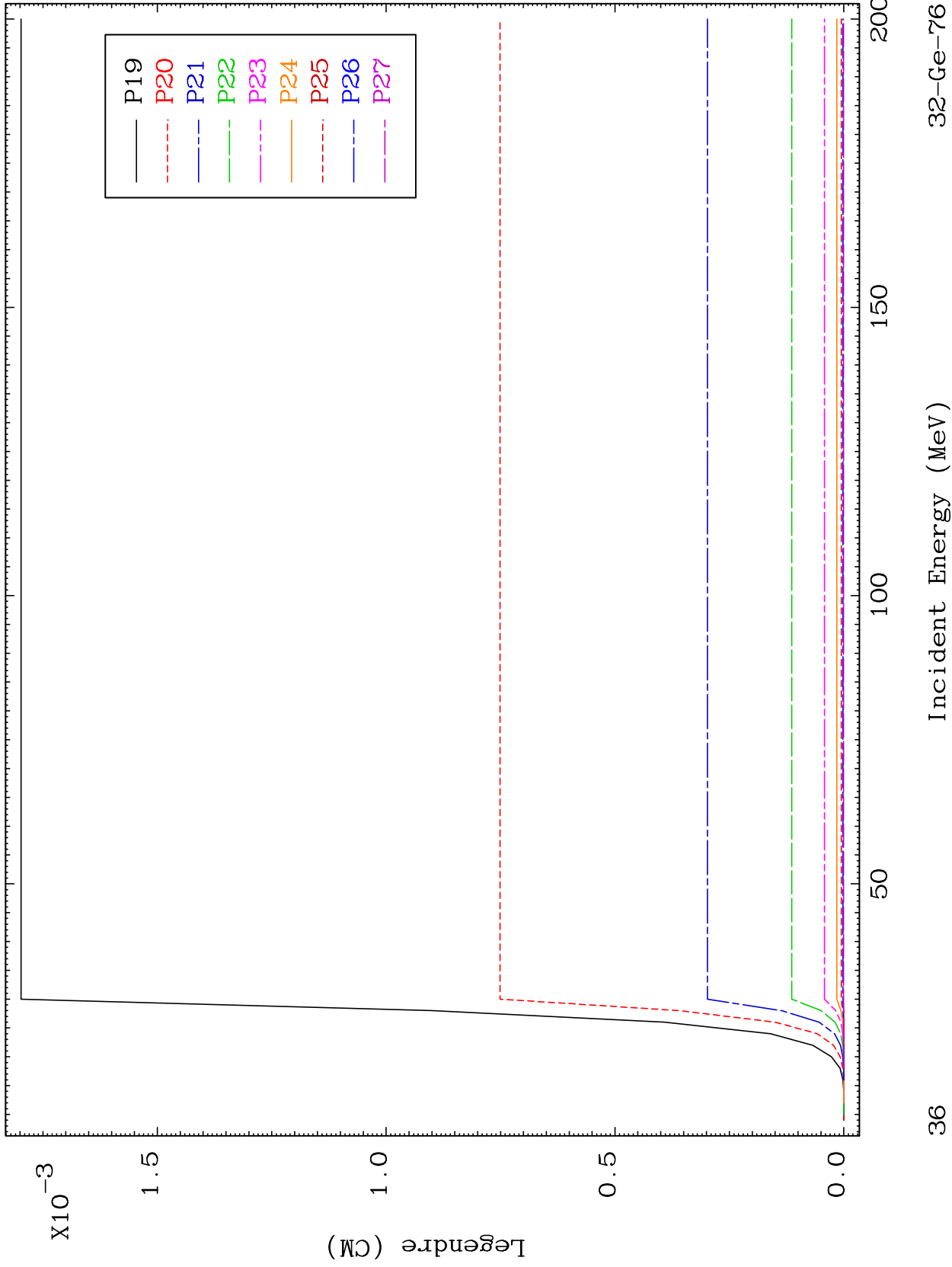
Incident Energy (MeV)

32-Ge-76

MAT 3243

1.911 MeV (n,n') Level
Legendre Coefficients

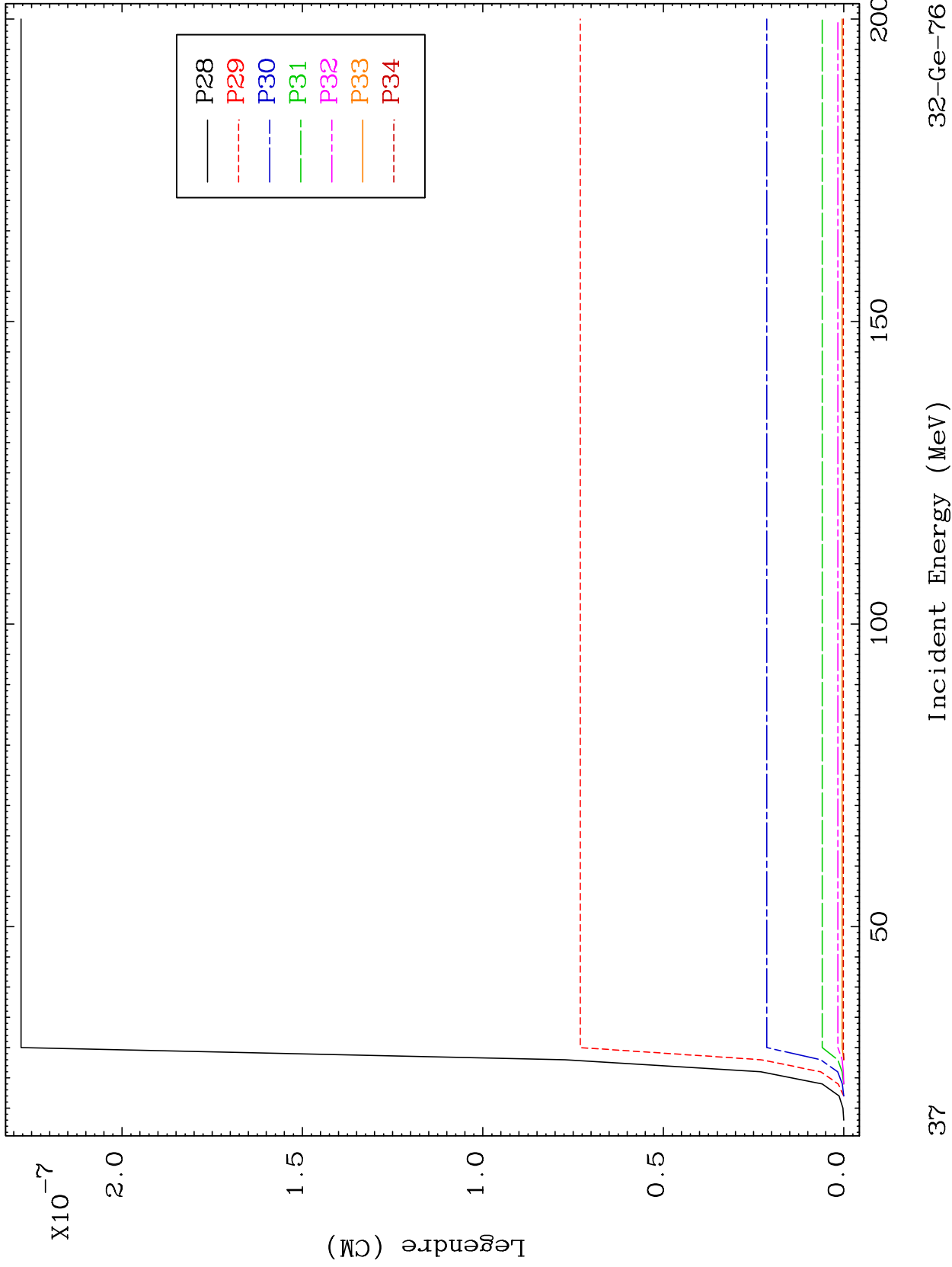
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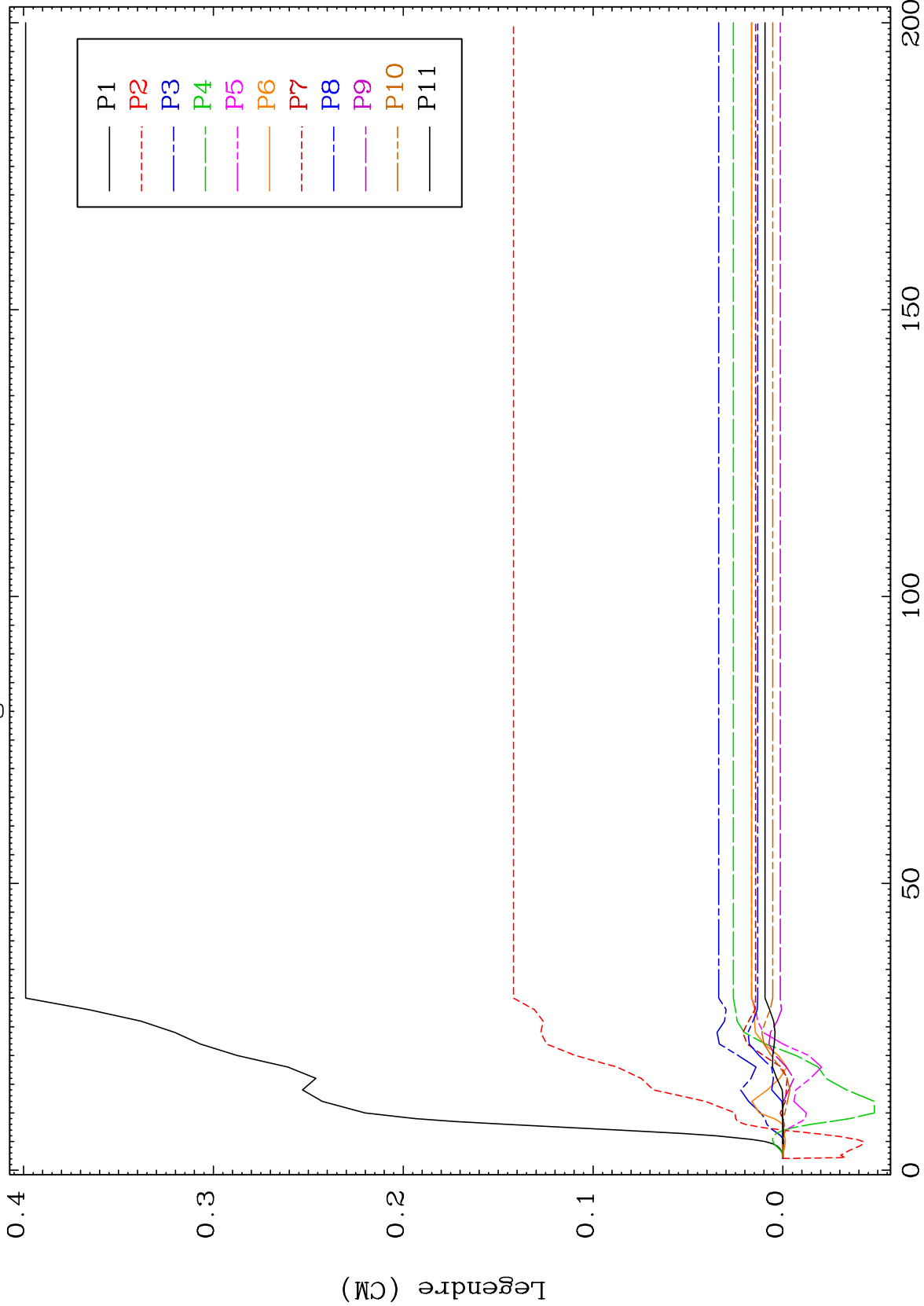


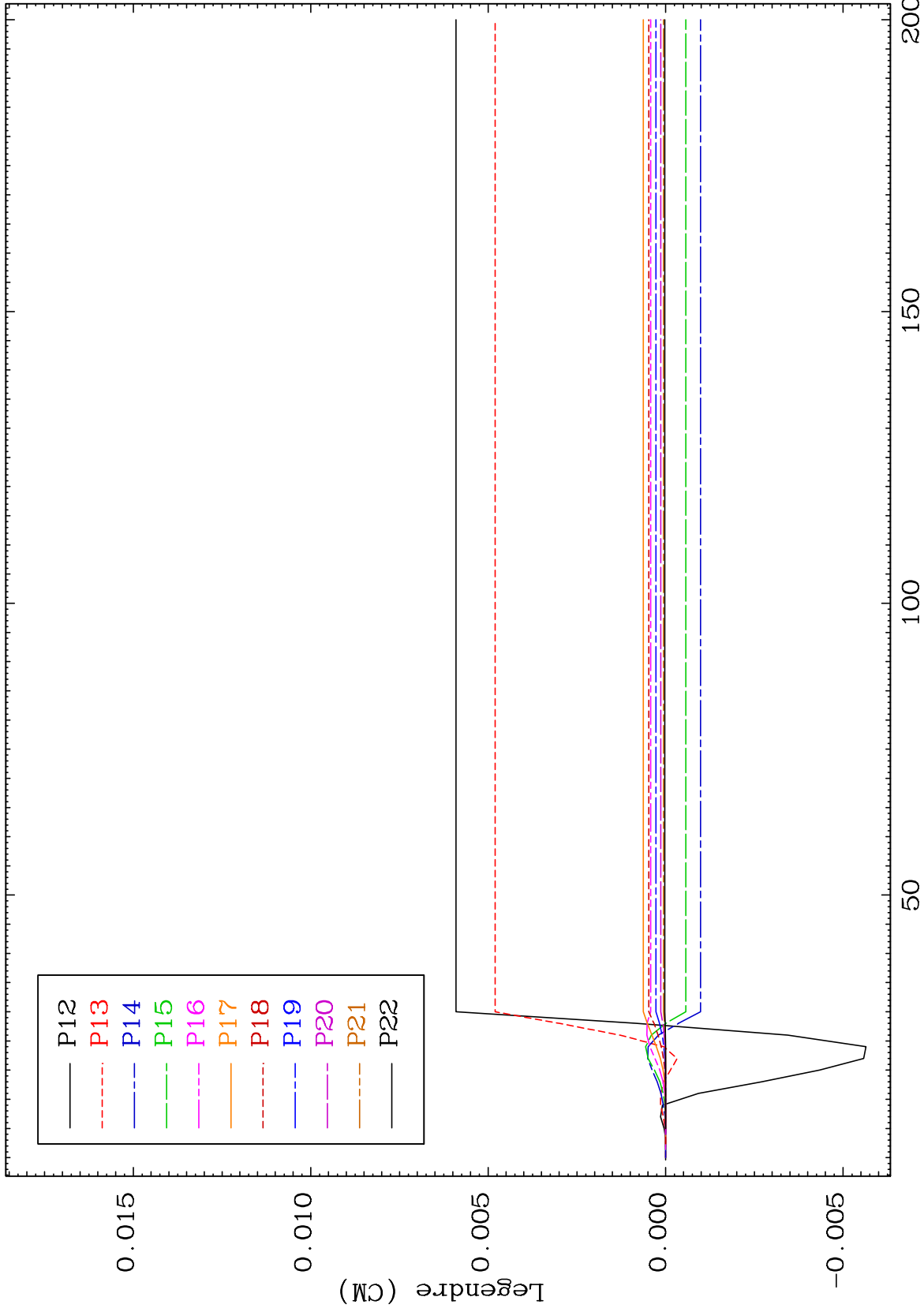
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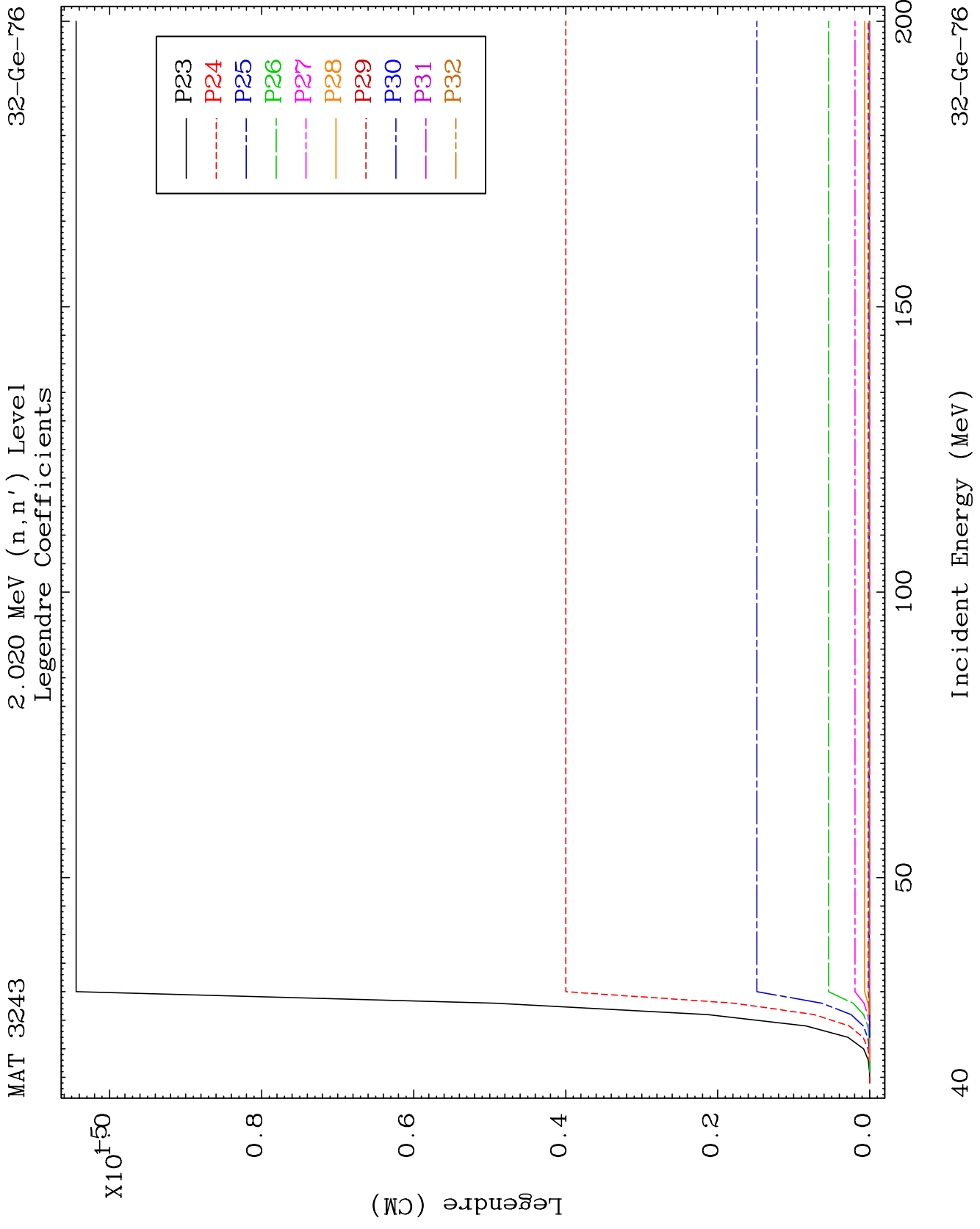
1.911 MeV (n,n') Level
Legendre Coefficients

32-Ge-76





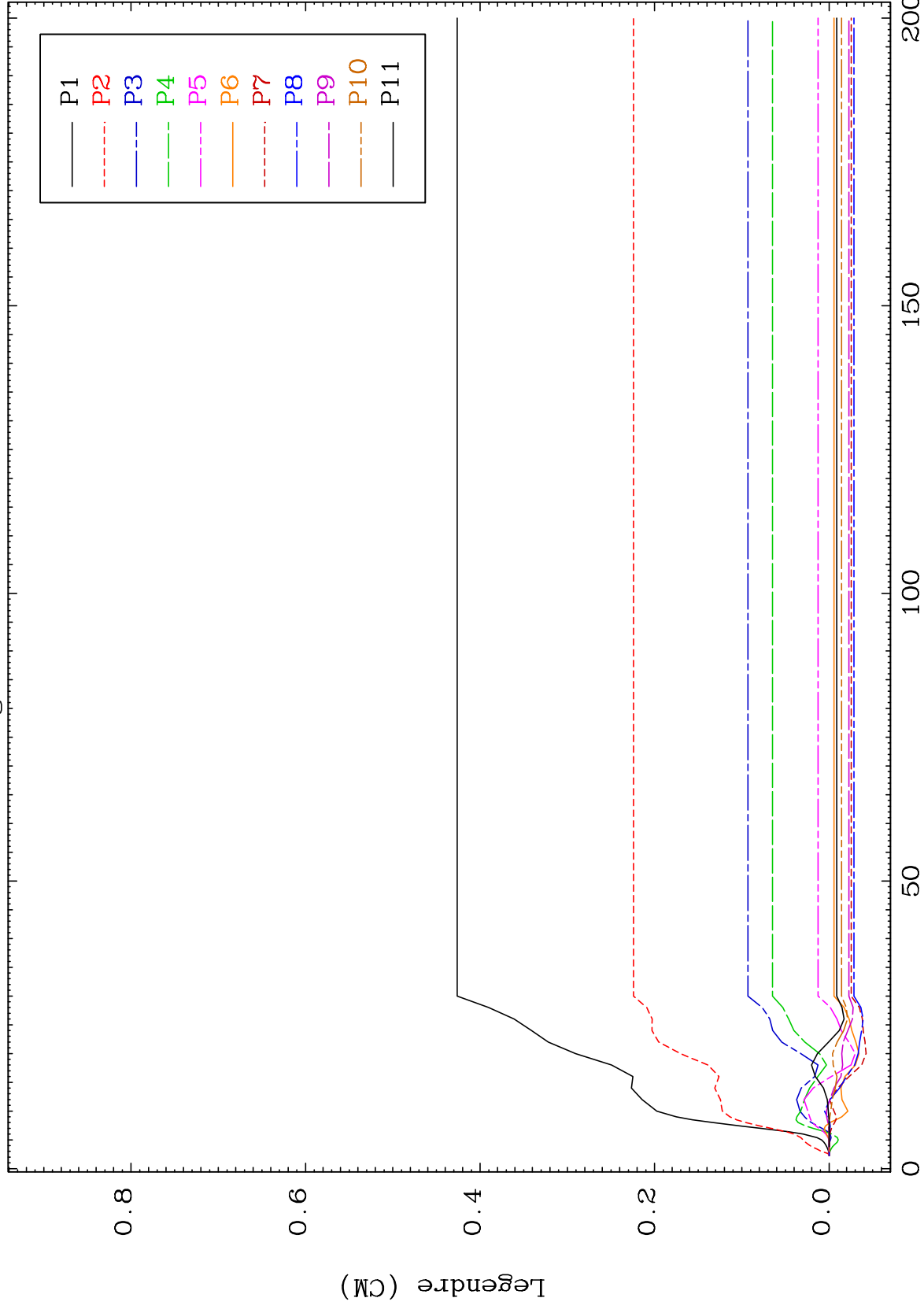




MAT 3243

2.205 MeV (n,n') Level
Legendre Coefficients

32-Ge-76



41

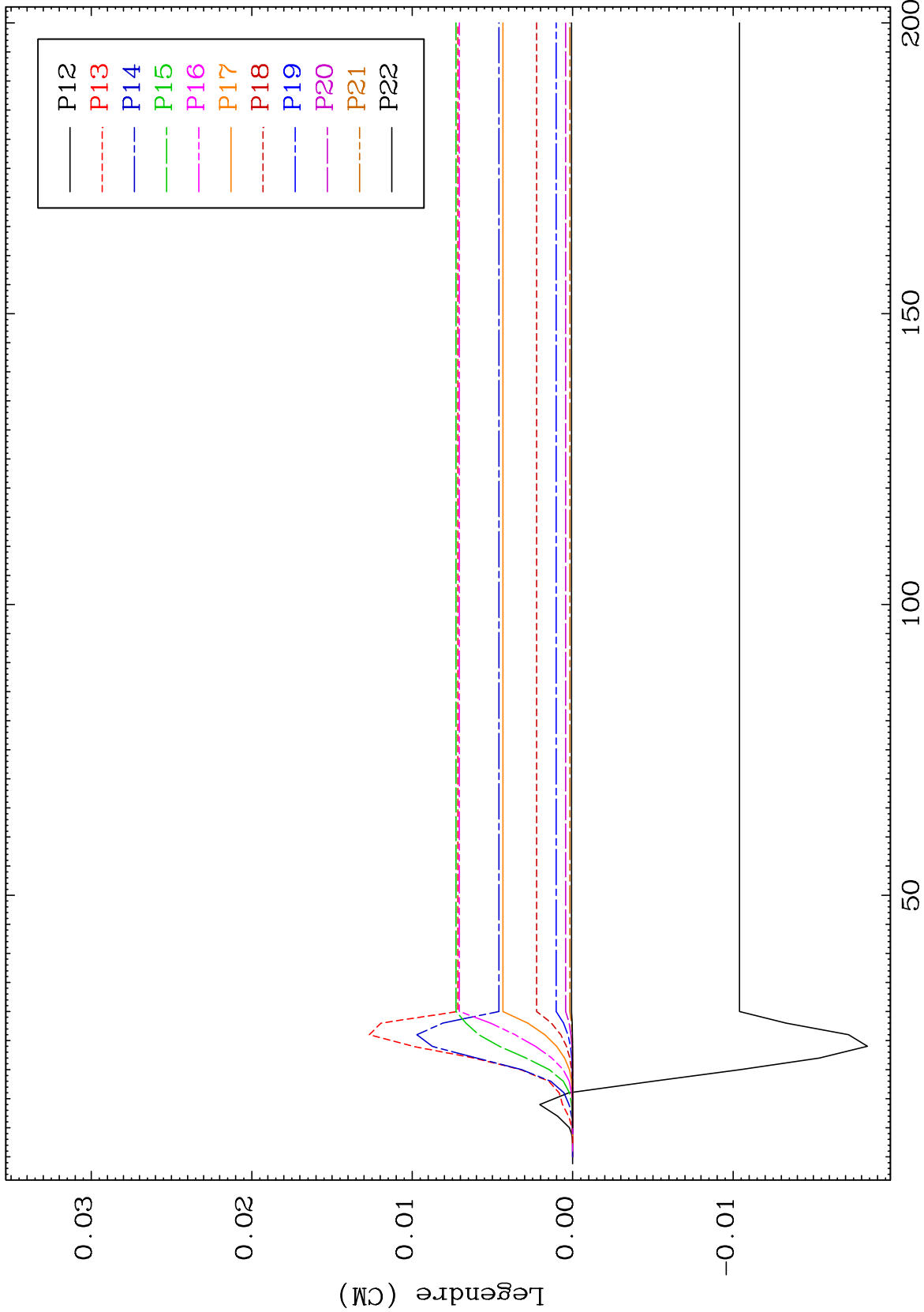
Incident Energy (MeV)

32-Ge-76

MAT 3243

2.205 MeV (n,n') Level
Legendre Coefficients

32-Ge-76



42

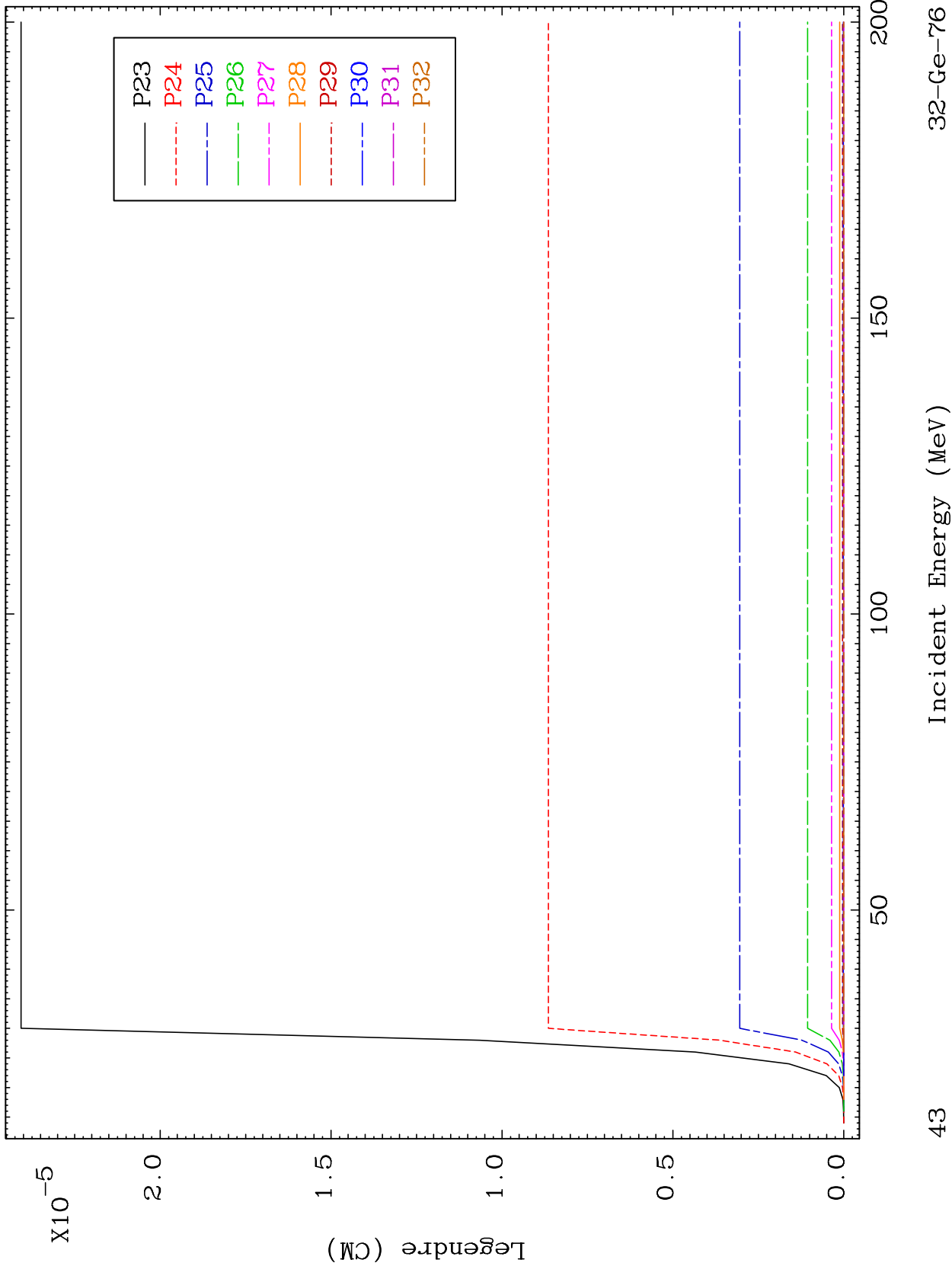
Incident Energy (MeV)

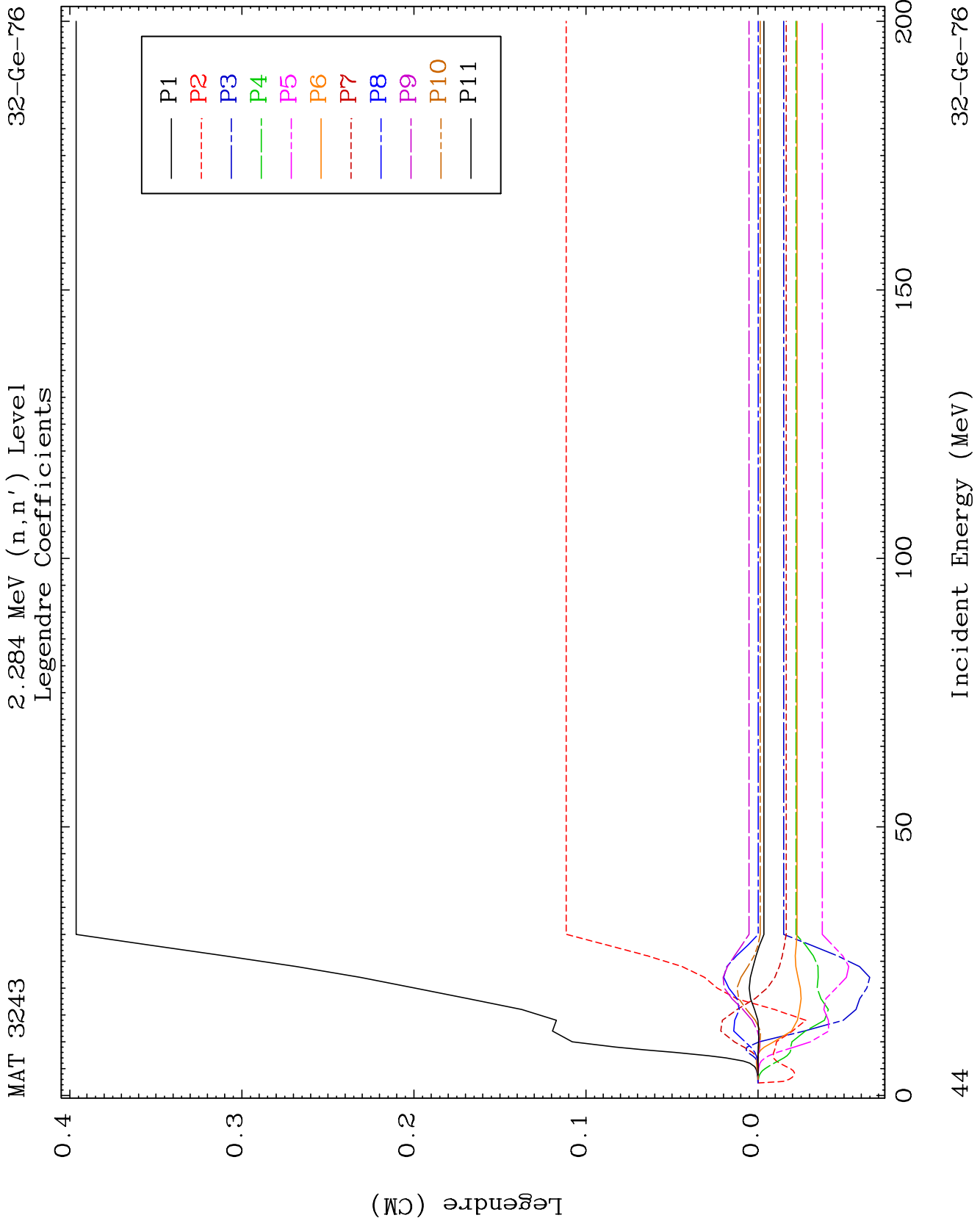
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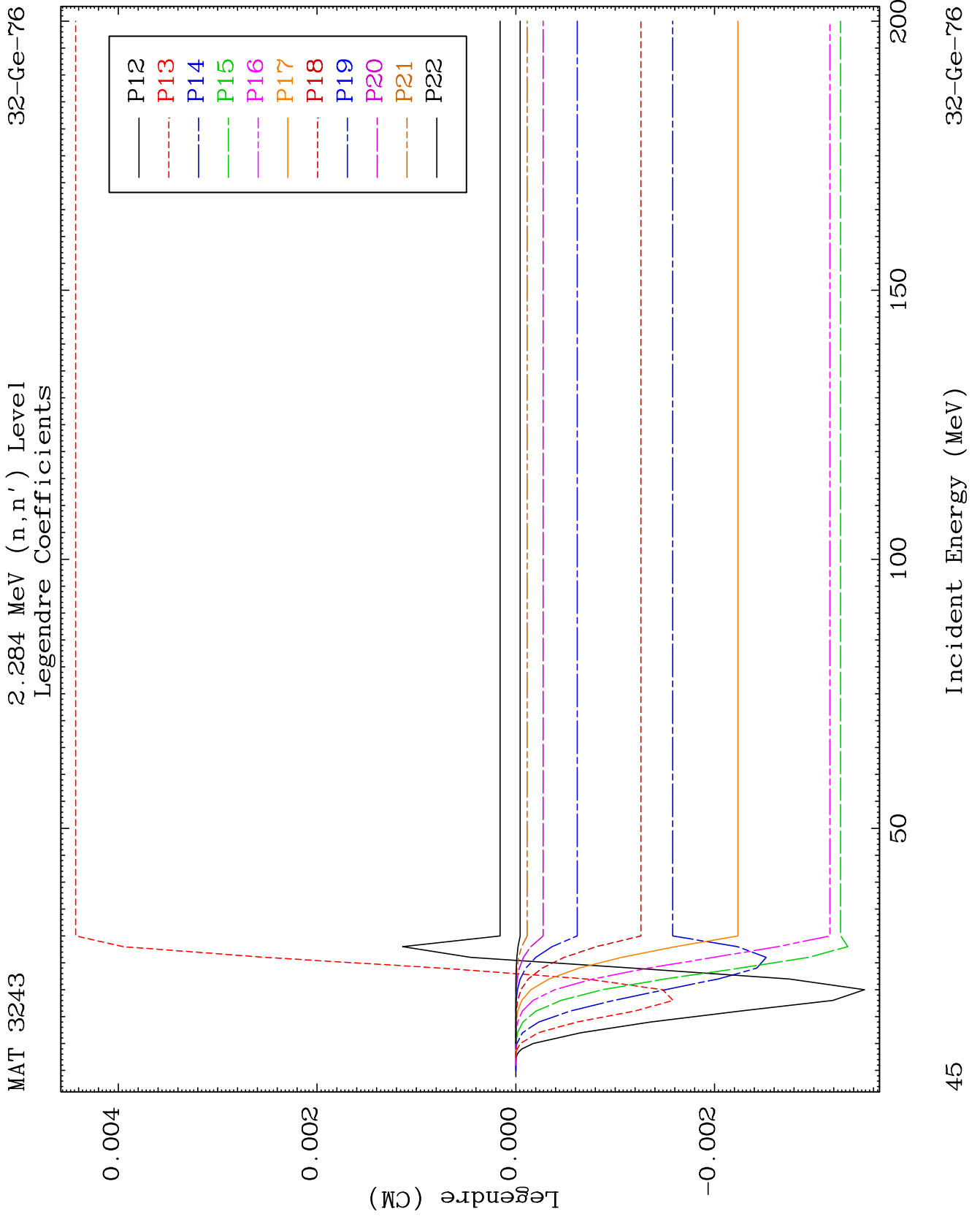
MAT 3243

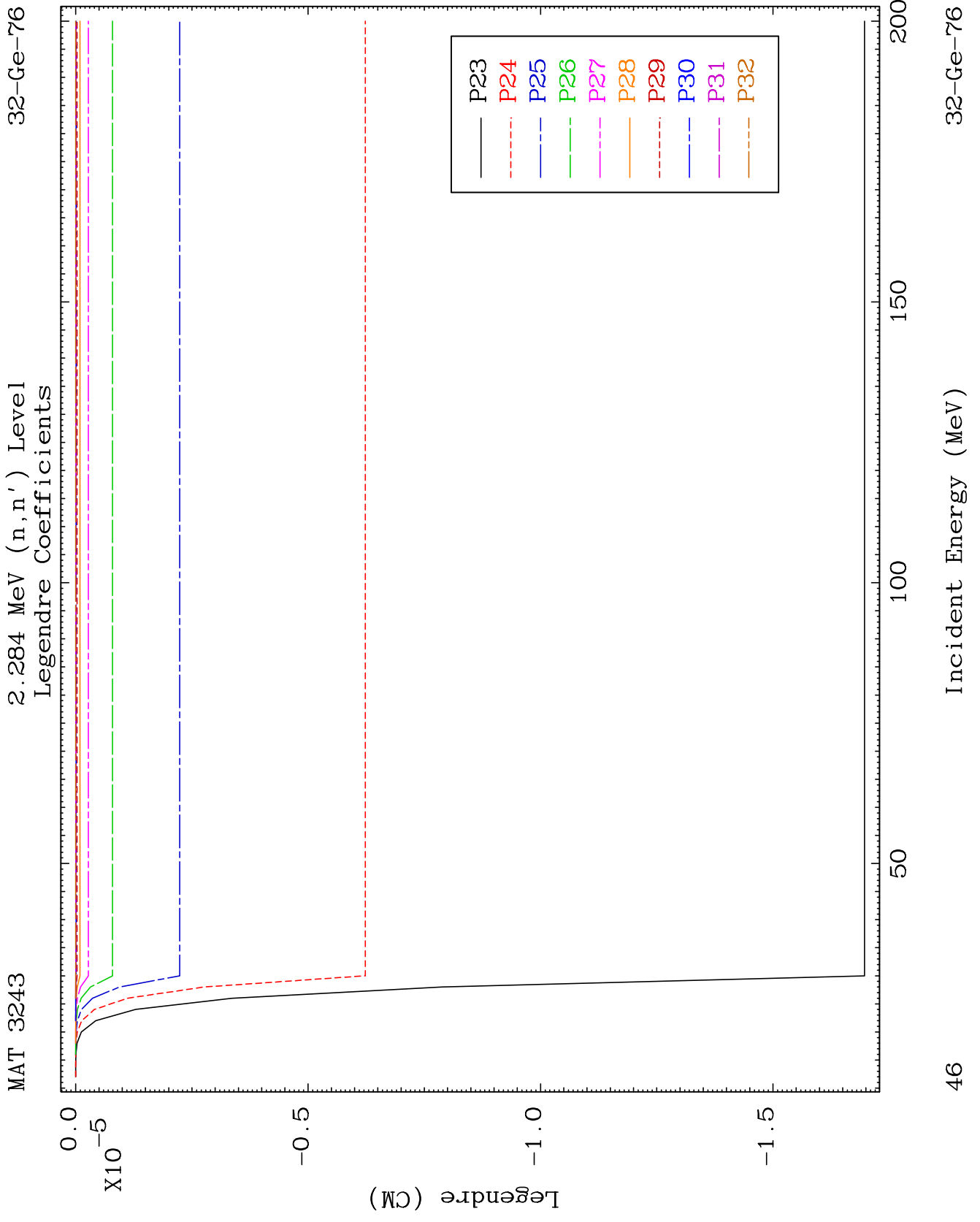
2.205 MeV (n,n') Level
Legendre Coefficients

32-Ge-76





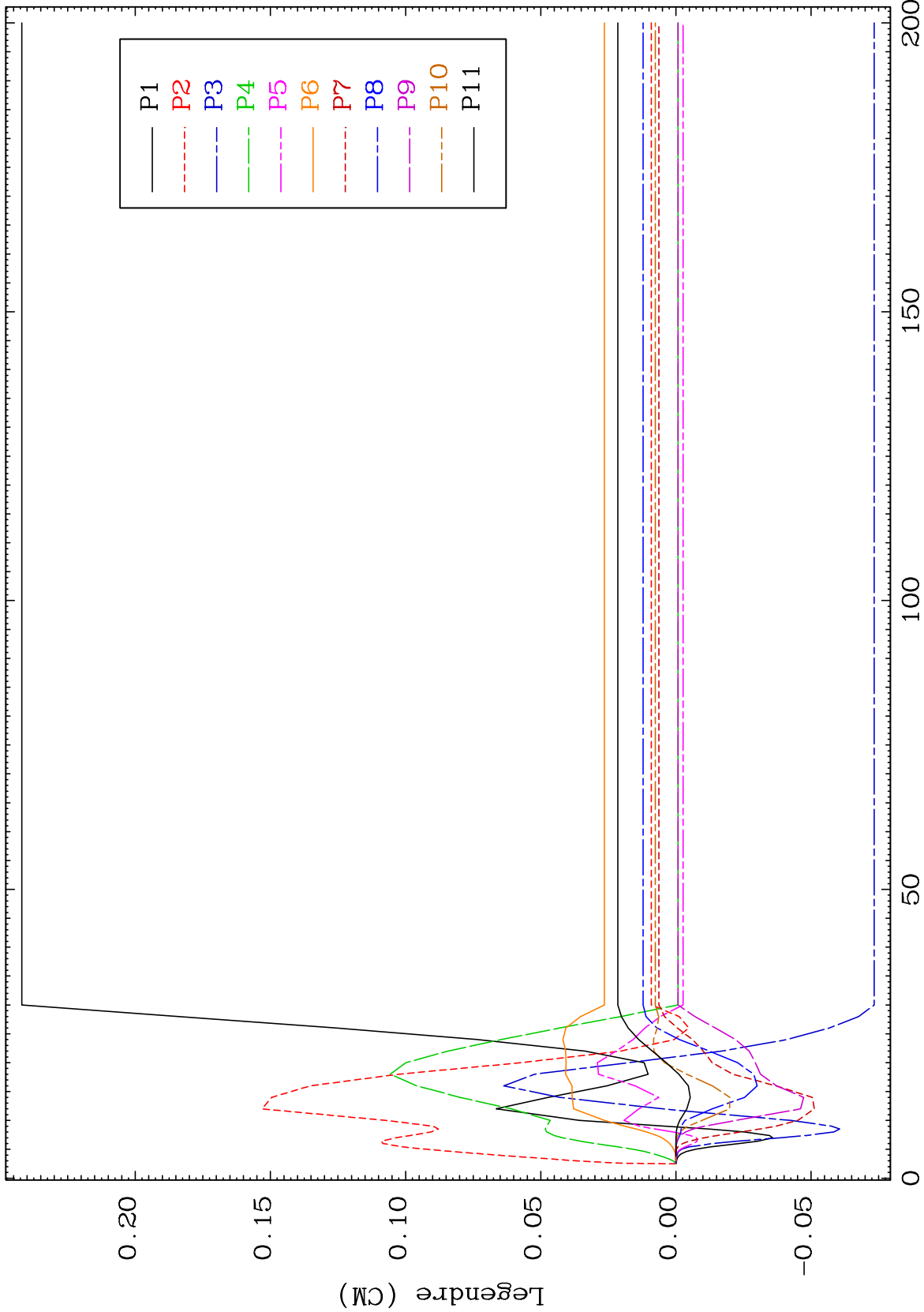




MAT 3243

2.456 MeV (n,n') Level
Legendre Coefficients

32-Ge-76



47

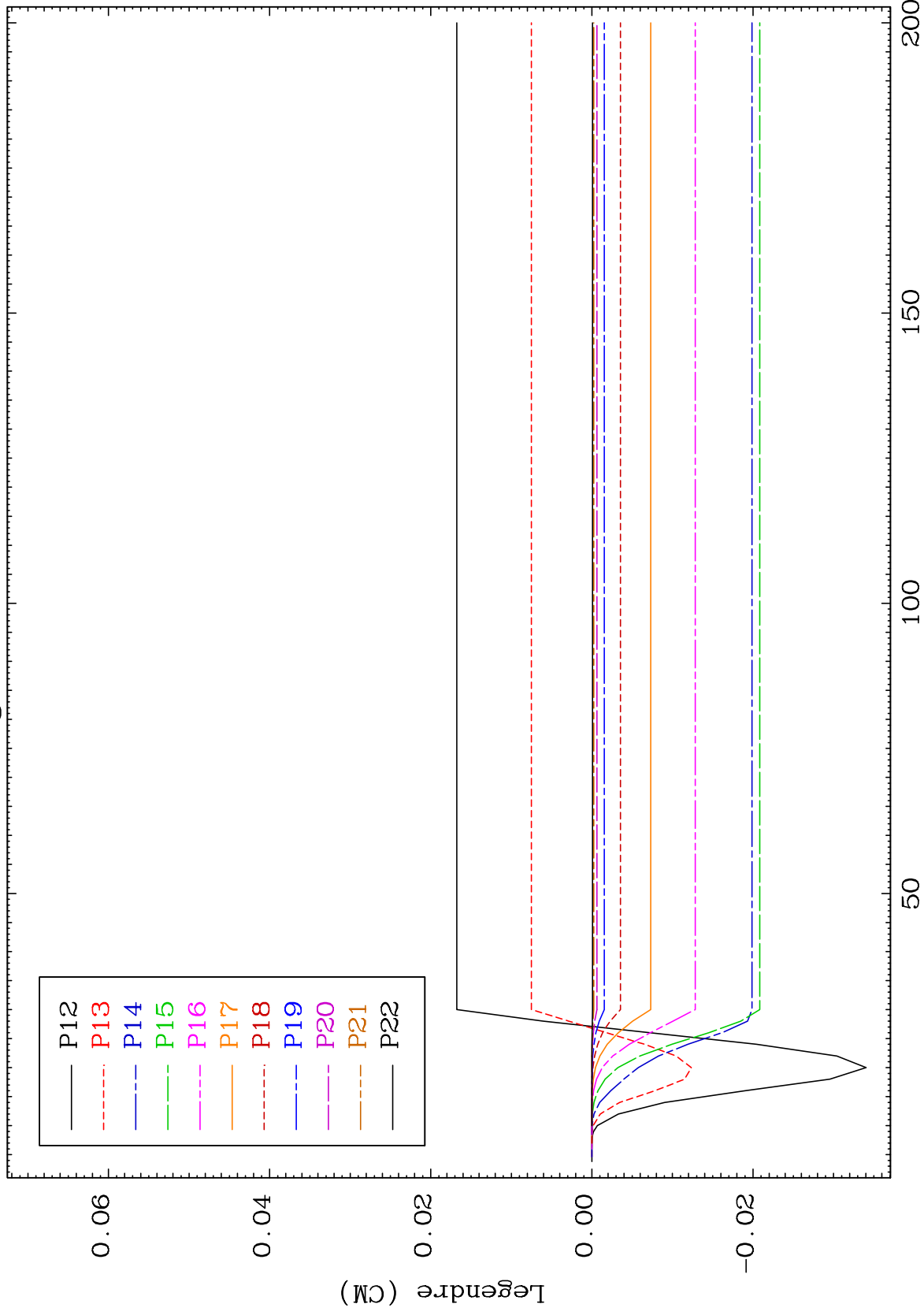
Incident Energy (MeV)

32-Ge-76

MAT 3243

2.456 MeV (n, n') Level
Legendre Coefficients

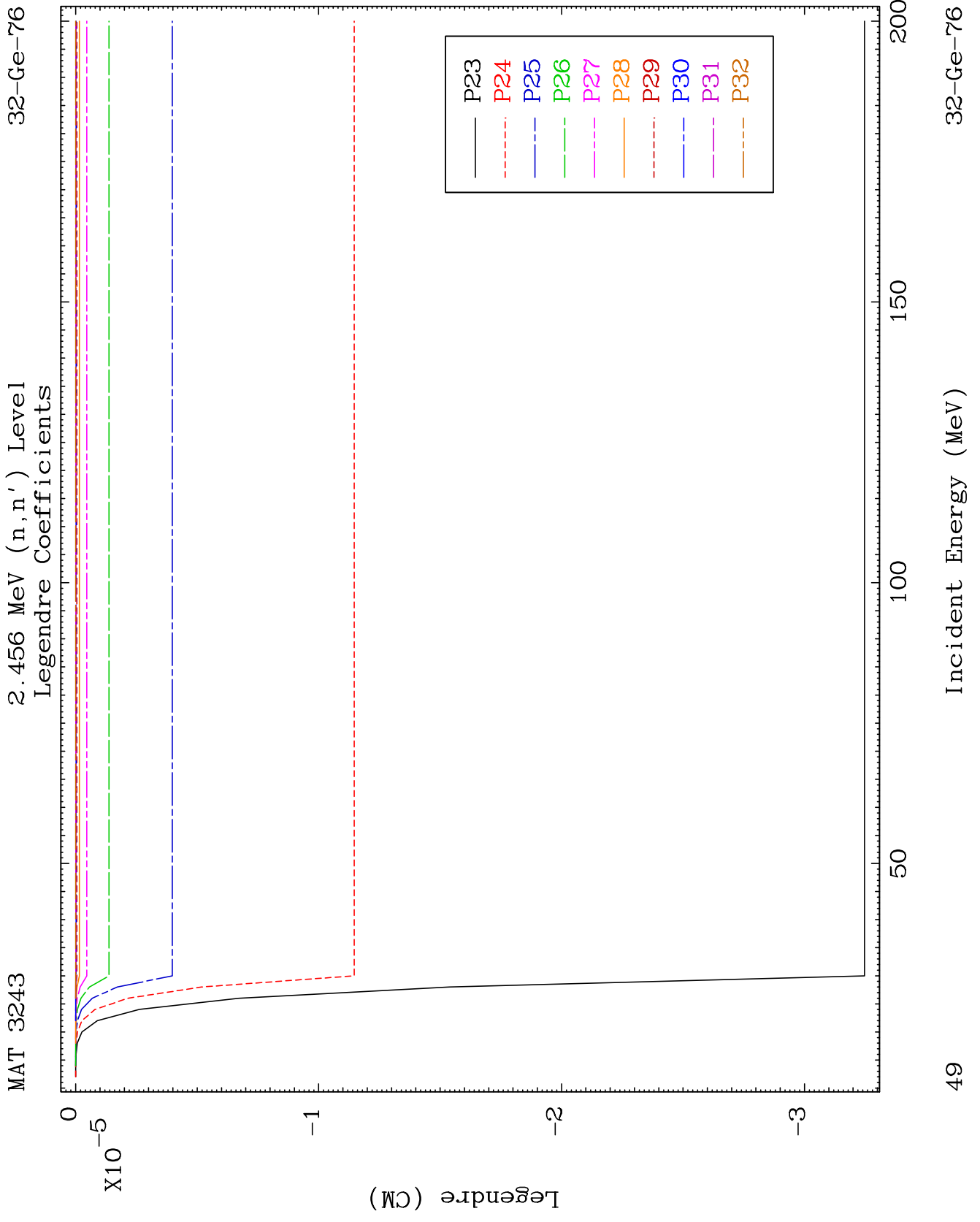
32-Ge-76



48

Incident Energy (MeV)

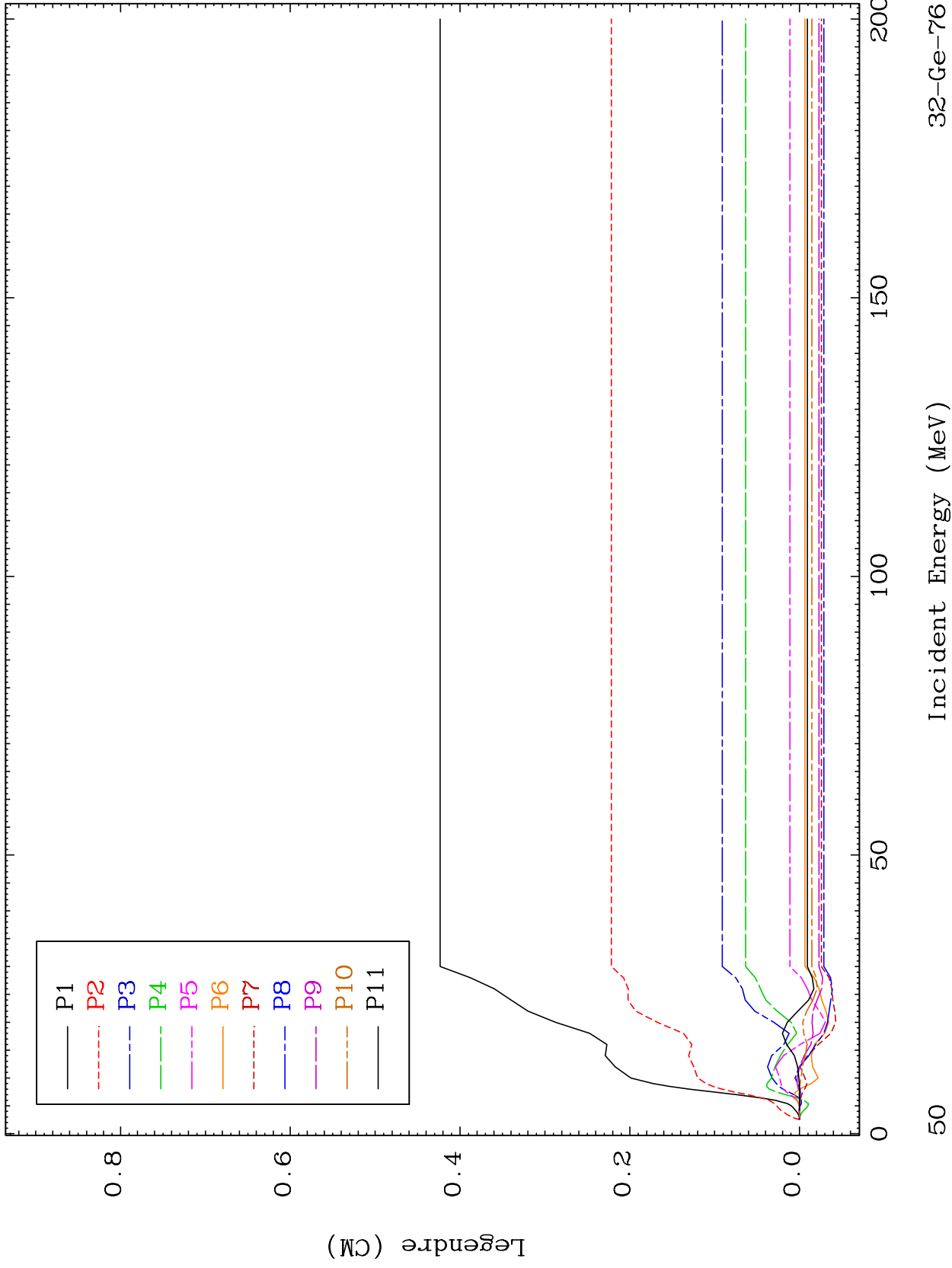
32-Ge-76



MAT 3243

2.478 MeV (n,n') Level
Legendre Coefficients

³²Ge-76



³²Ge-76

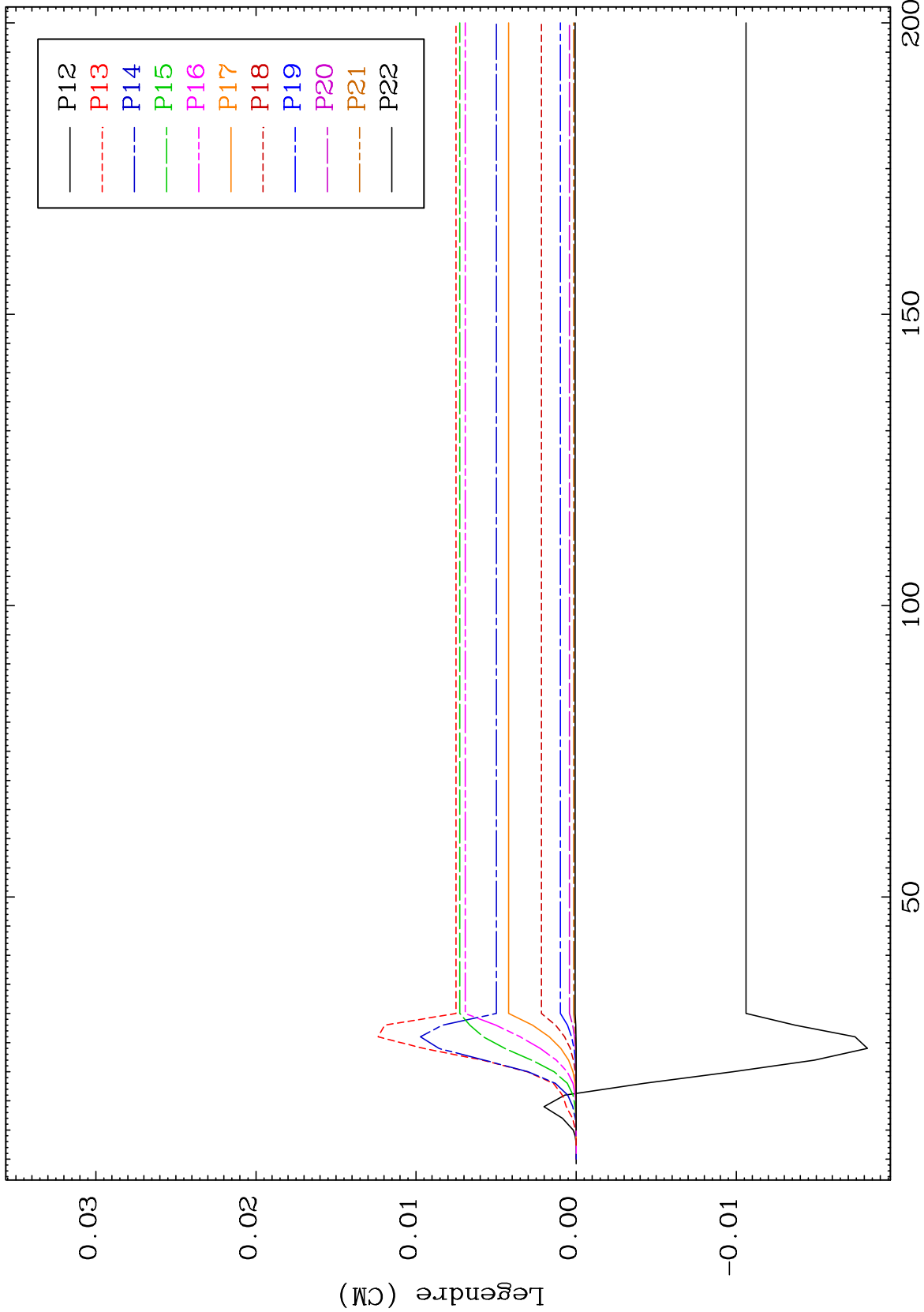
Incident Energy (MeV)

50

MAT 3243

2.478 MeV (n,n') Level
Legendre Coefficients

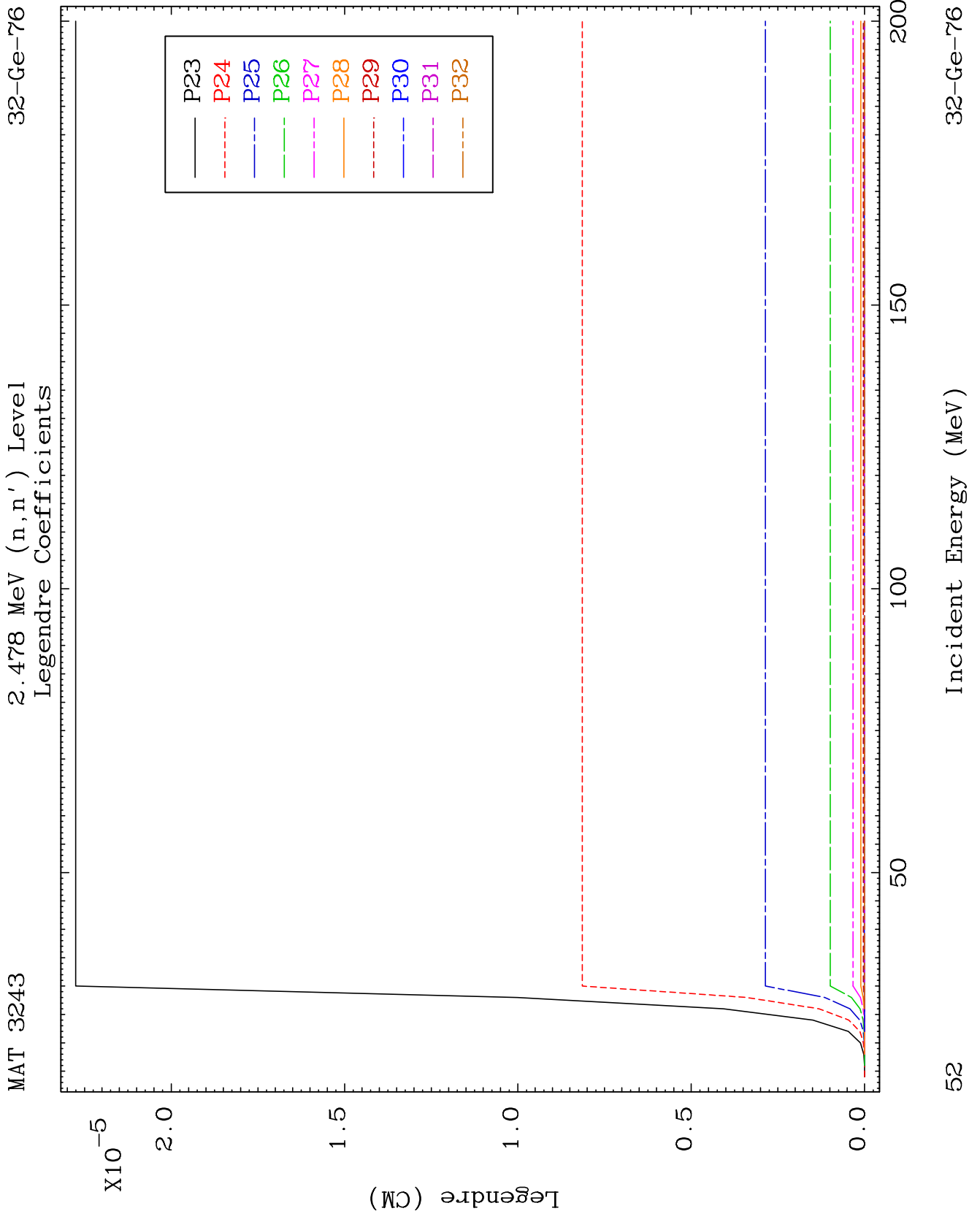
32-Ge-76



51

Incident Energy (MeV)

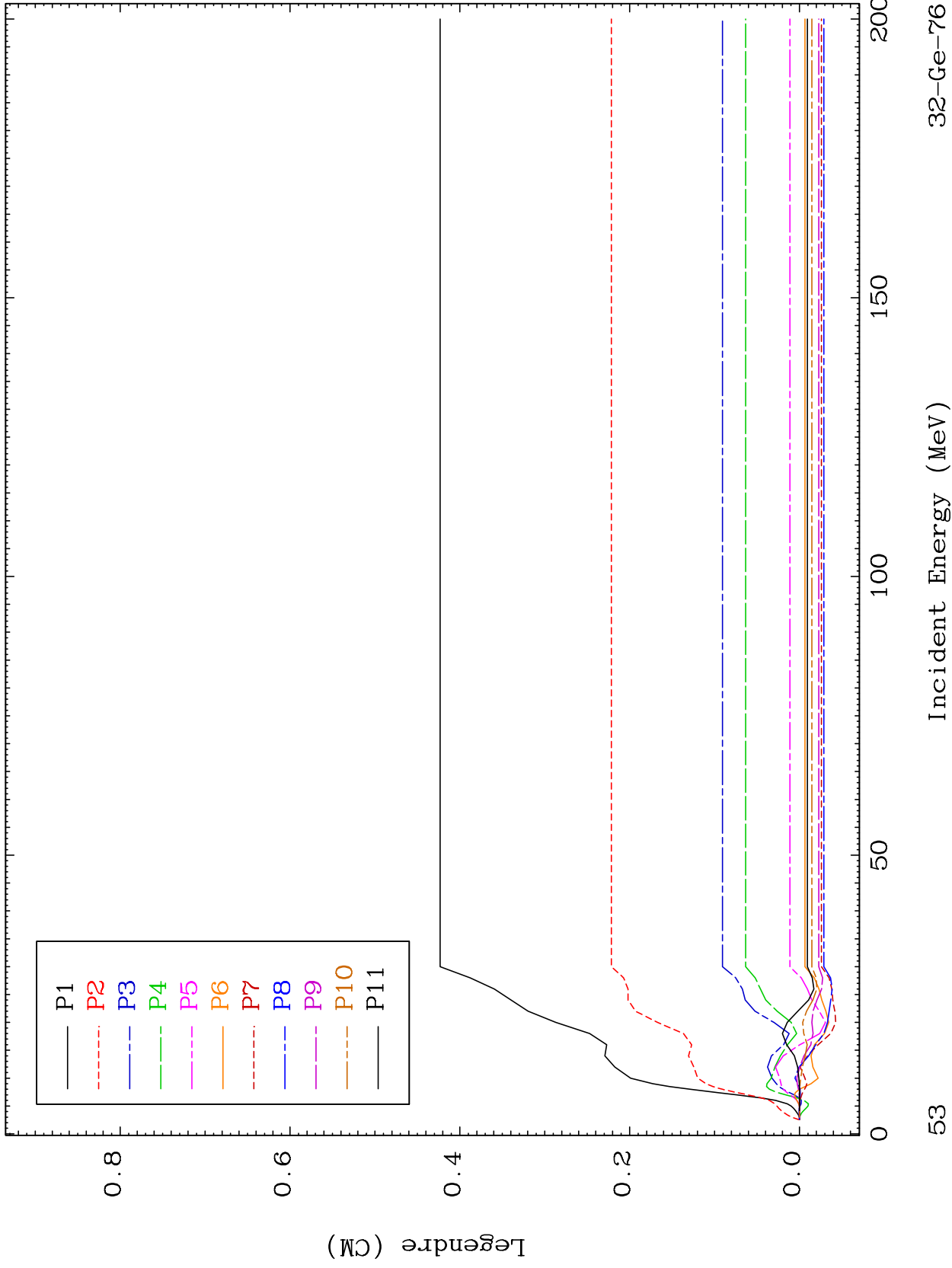
32-Ge-76



MAT 3243

2.504 MeV (n,n') Level
Legendre Coefficients

32-Ge-76



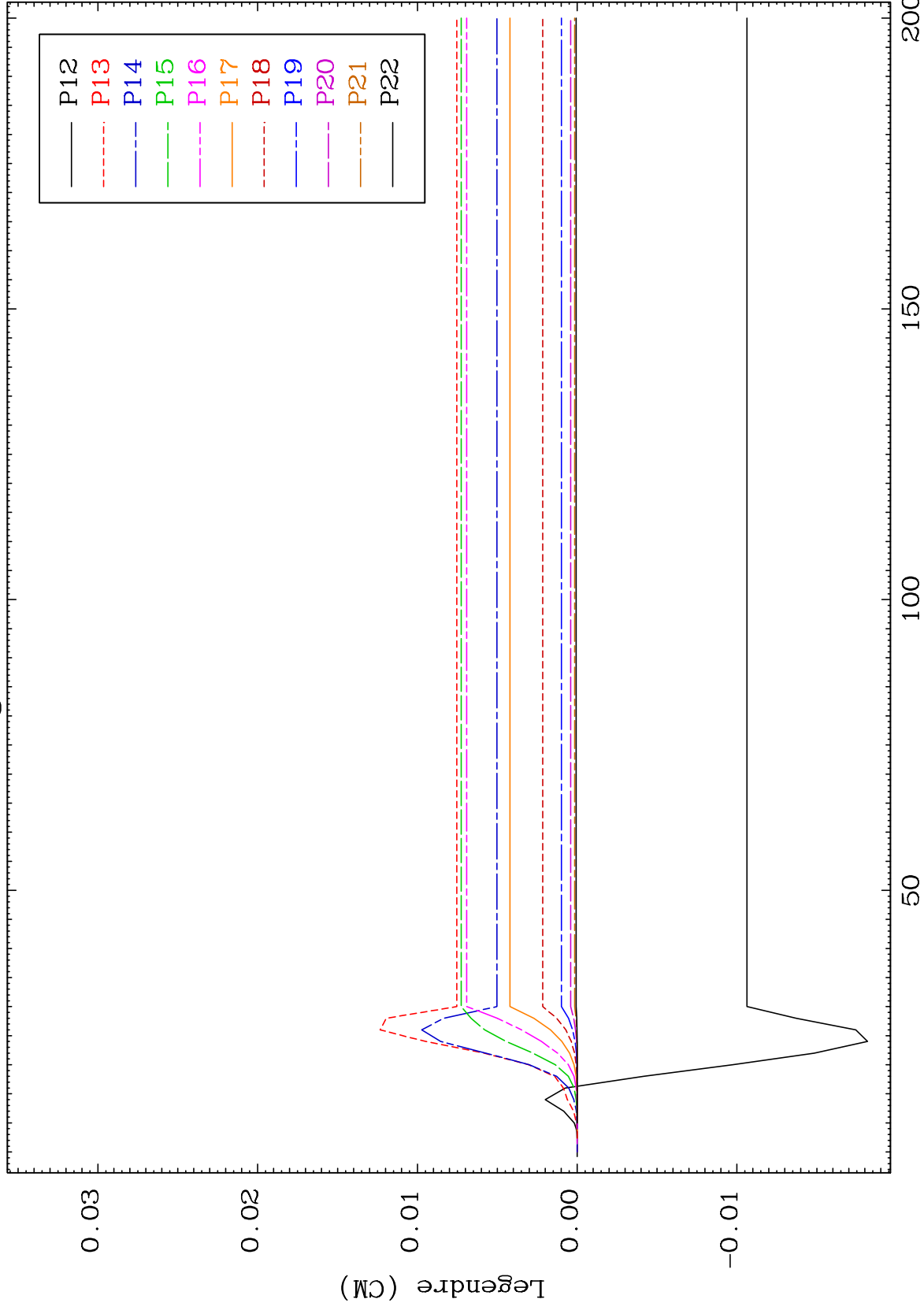
53

32-Ge-76

MAT 3243

2.504 MeV (n,n') Level
Legendre Coefficients

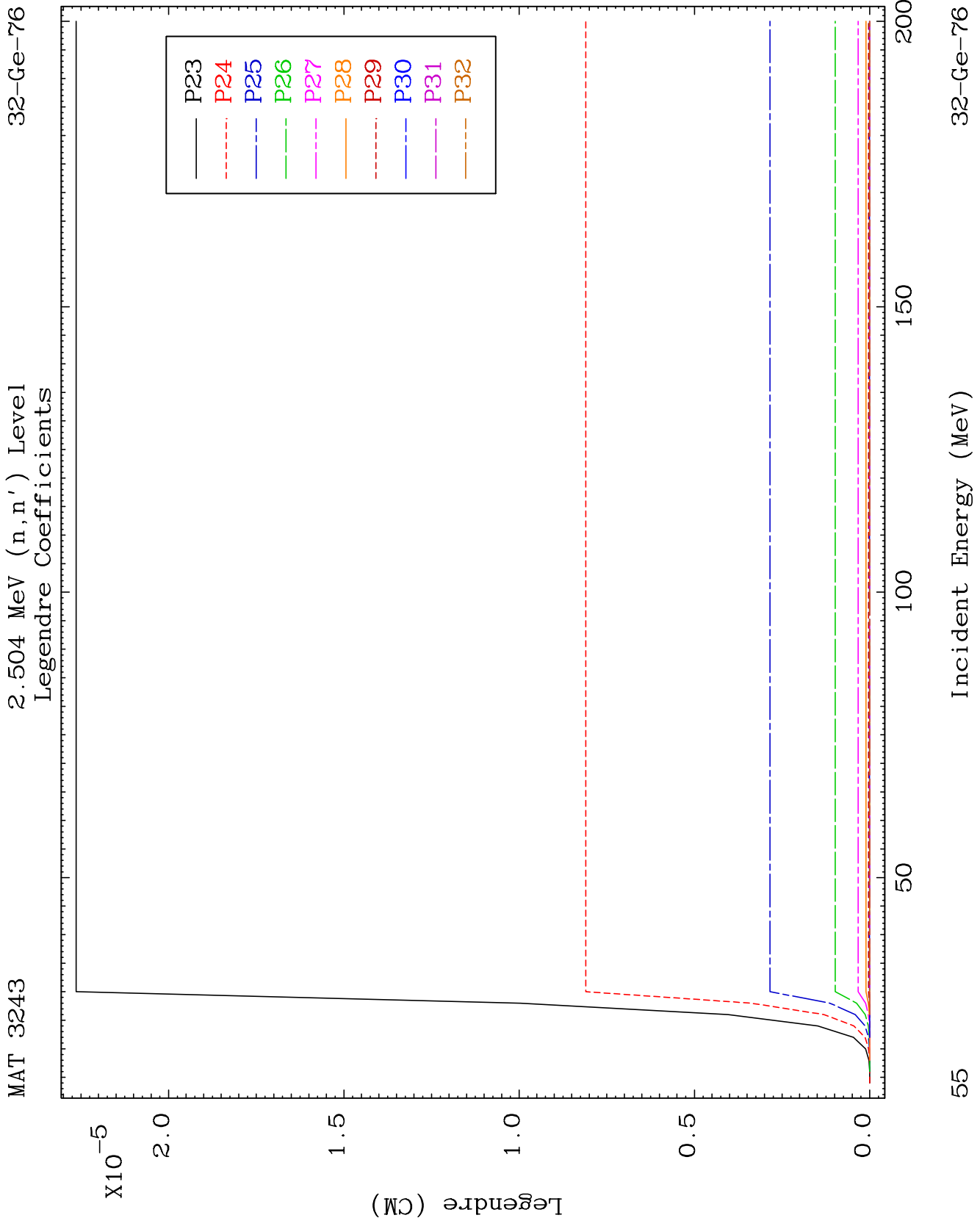
32-Ge-76



54

Incident Energy (MeV)

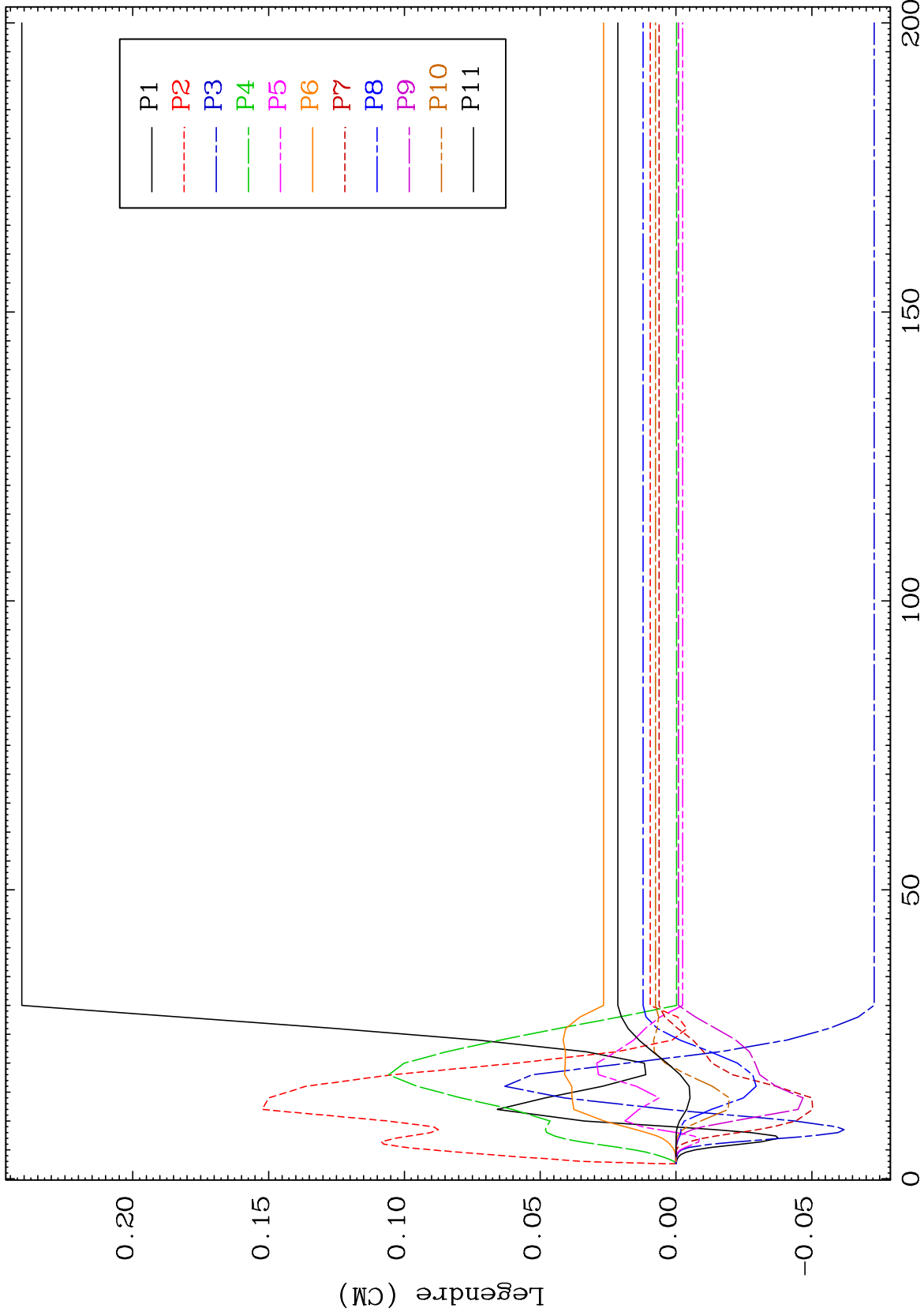
32-Ge-76



MAT 3243

2.554 MeV (n,n') Level
Legendre Coefficients

32-Ge-76



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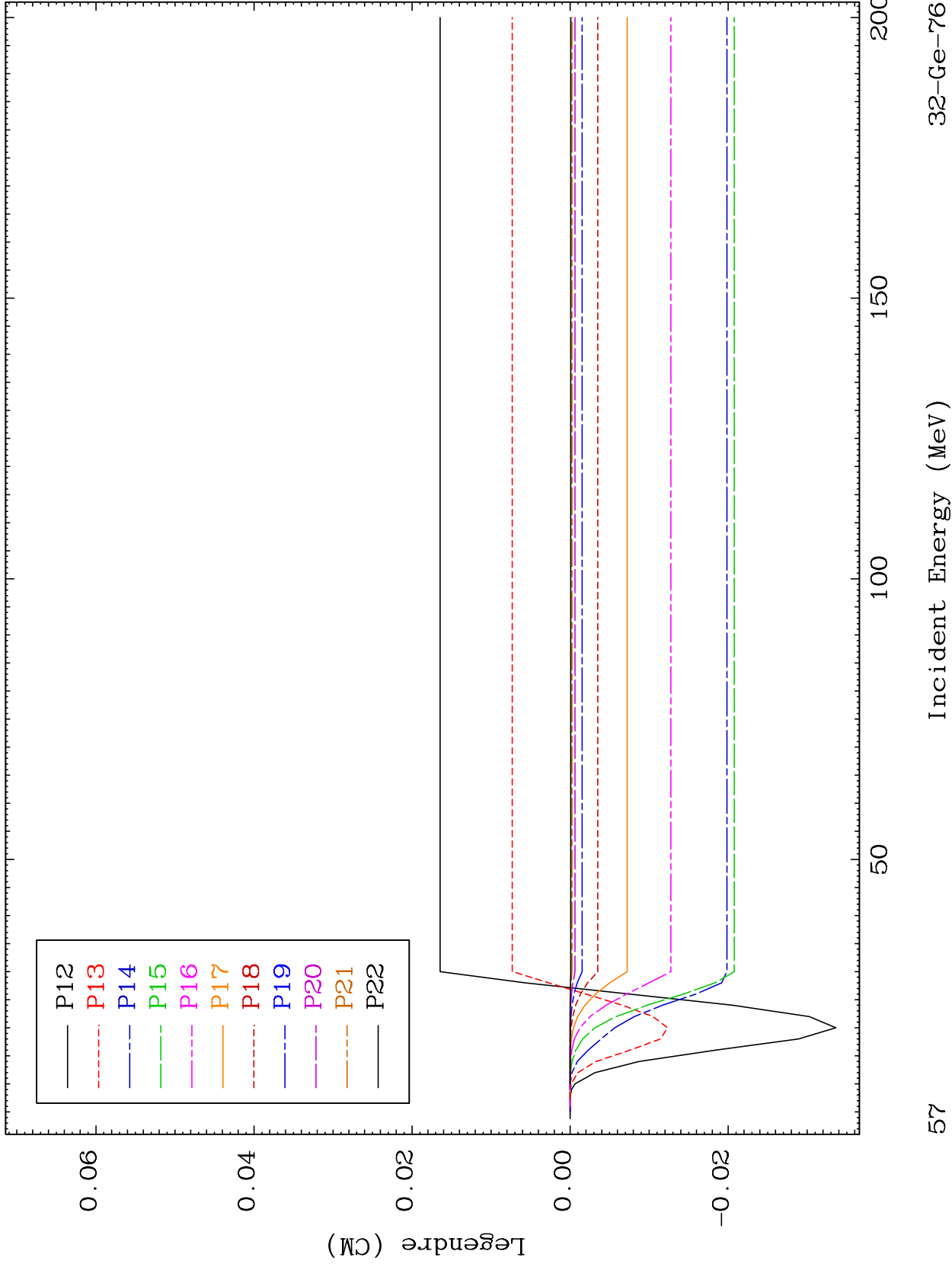
Incident Energy (MeV)

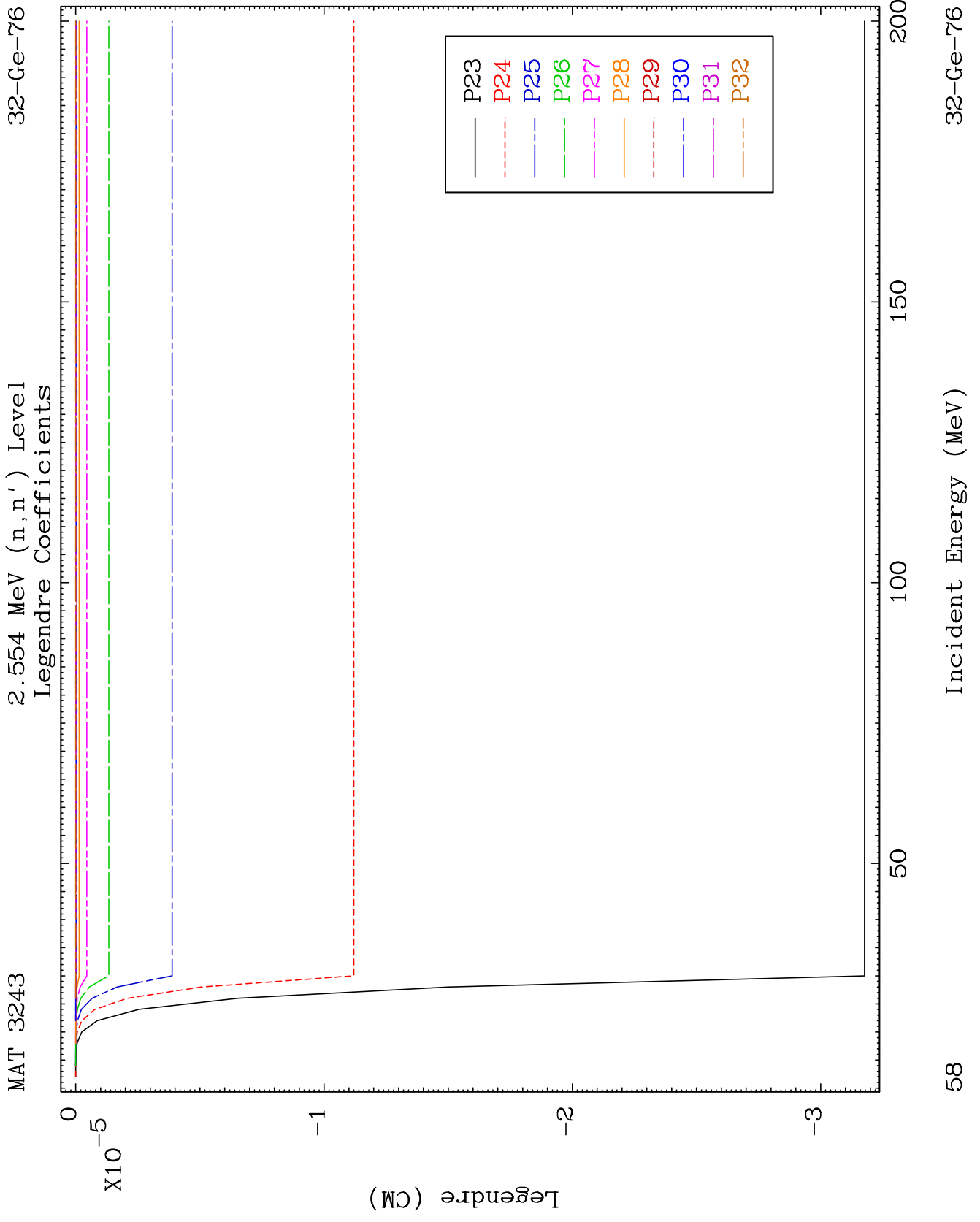
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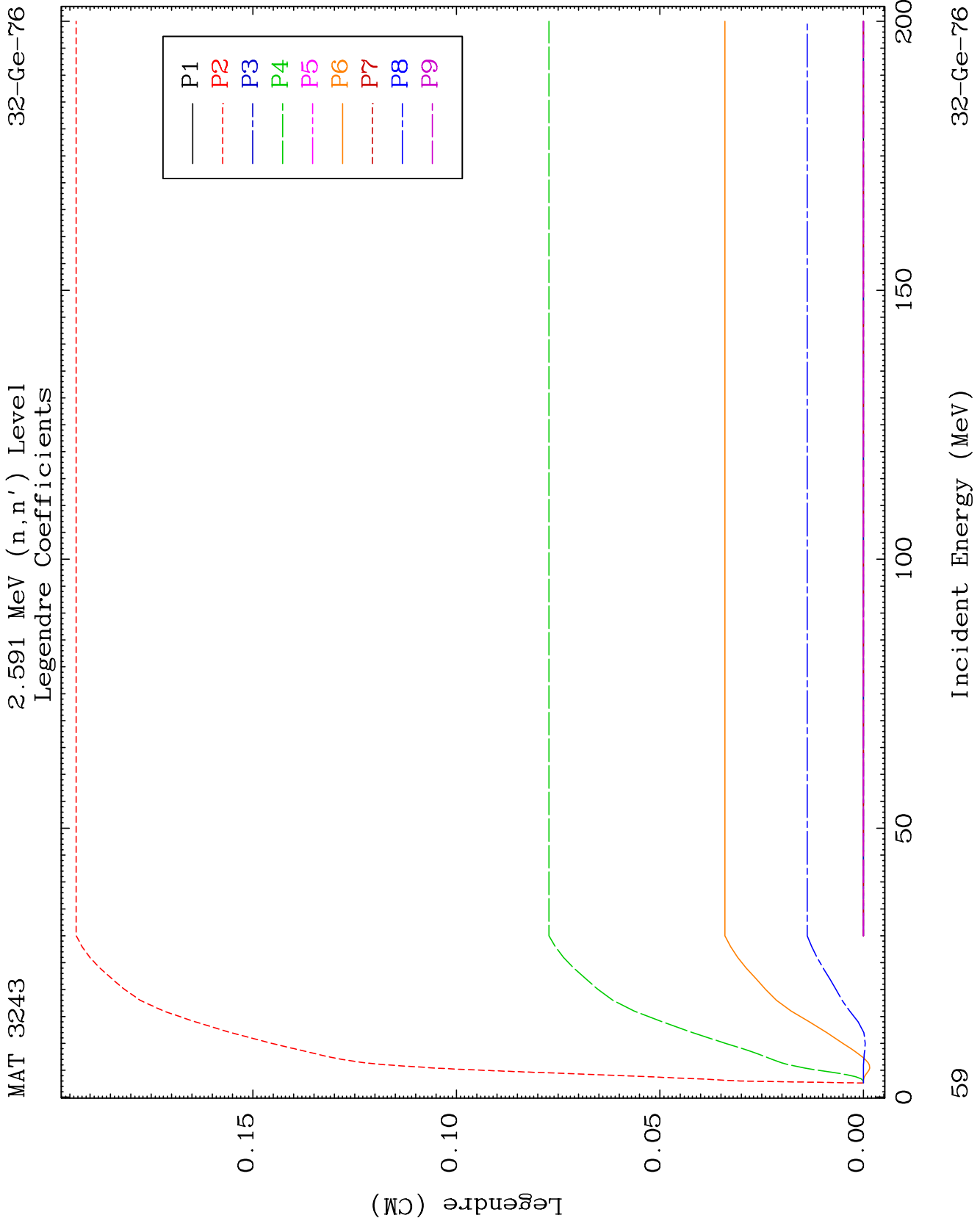
MAT 3243

2.554 MeV (n, n') Level
Legendre Coefficients

32-Ge-76



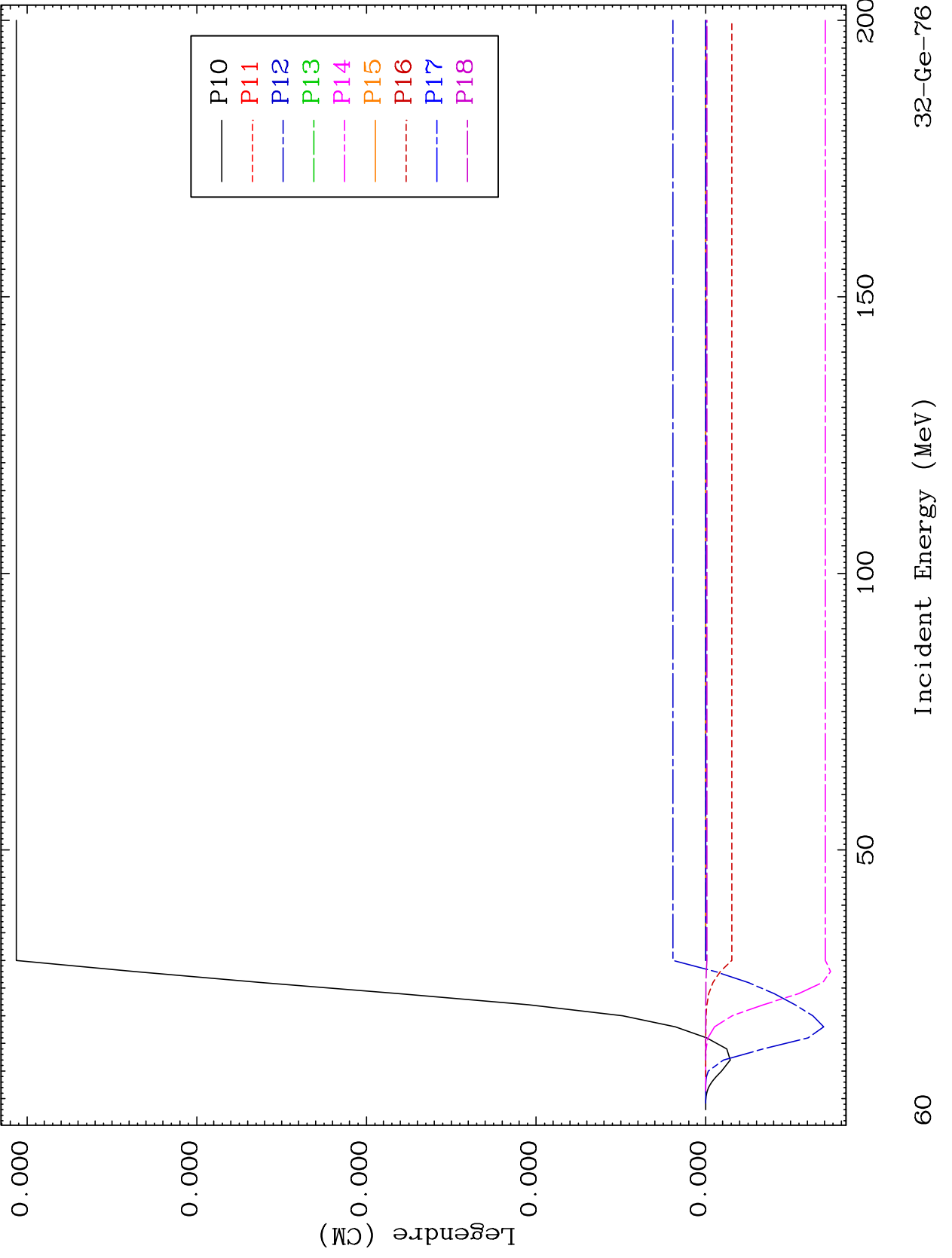


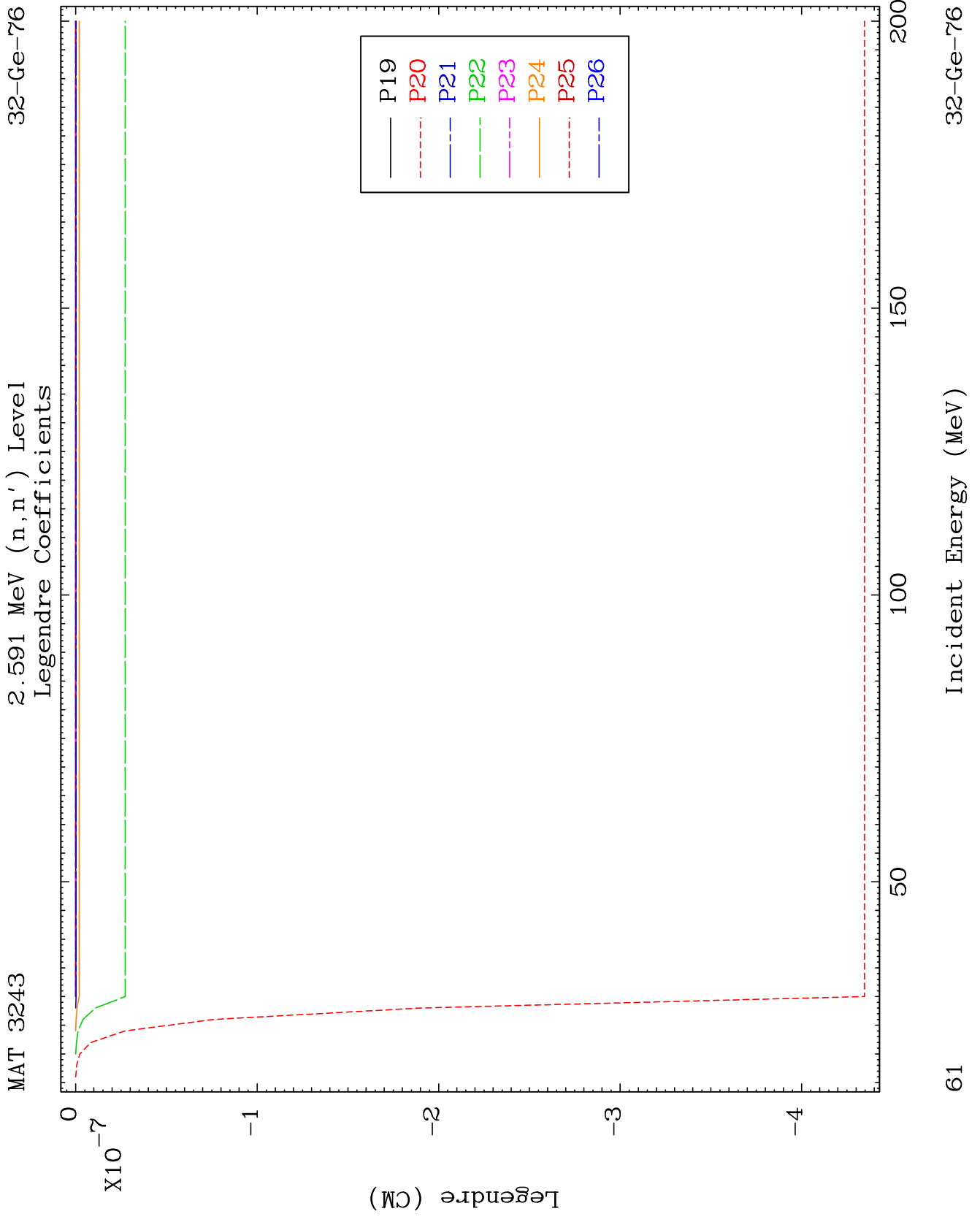


MAT 3243

2.591 MeV (n, n') Level
Legendre Coefficients

32-Ge-76

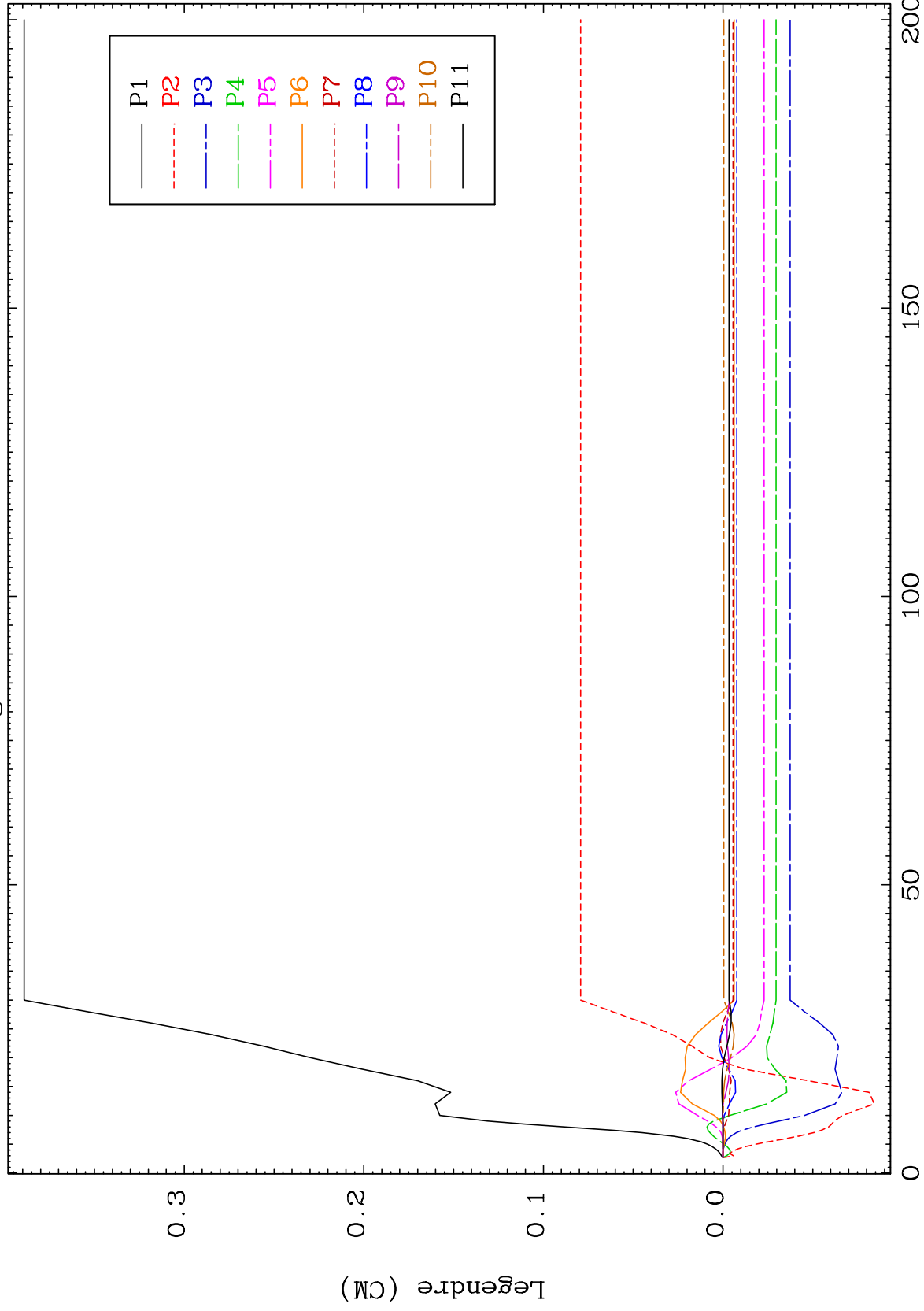




MAT 3243

2.624 MeV (n, n') Level
Legendre Coefficients

32-Ge-76



32-Ge-76

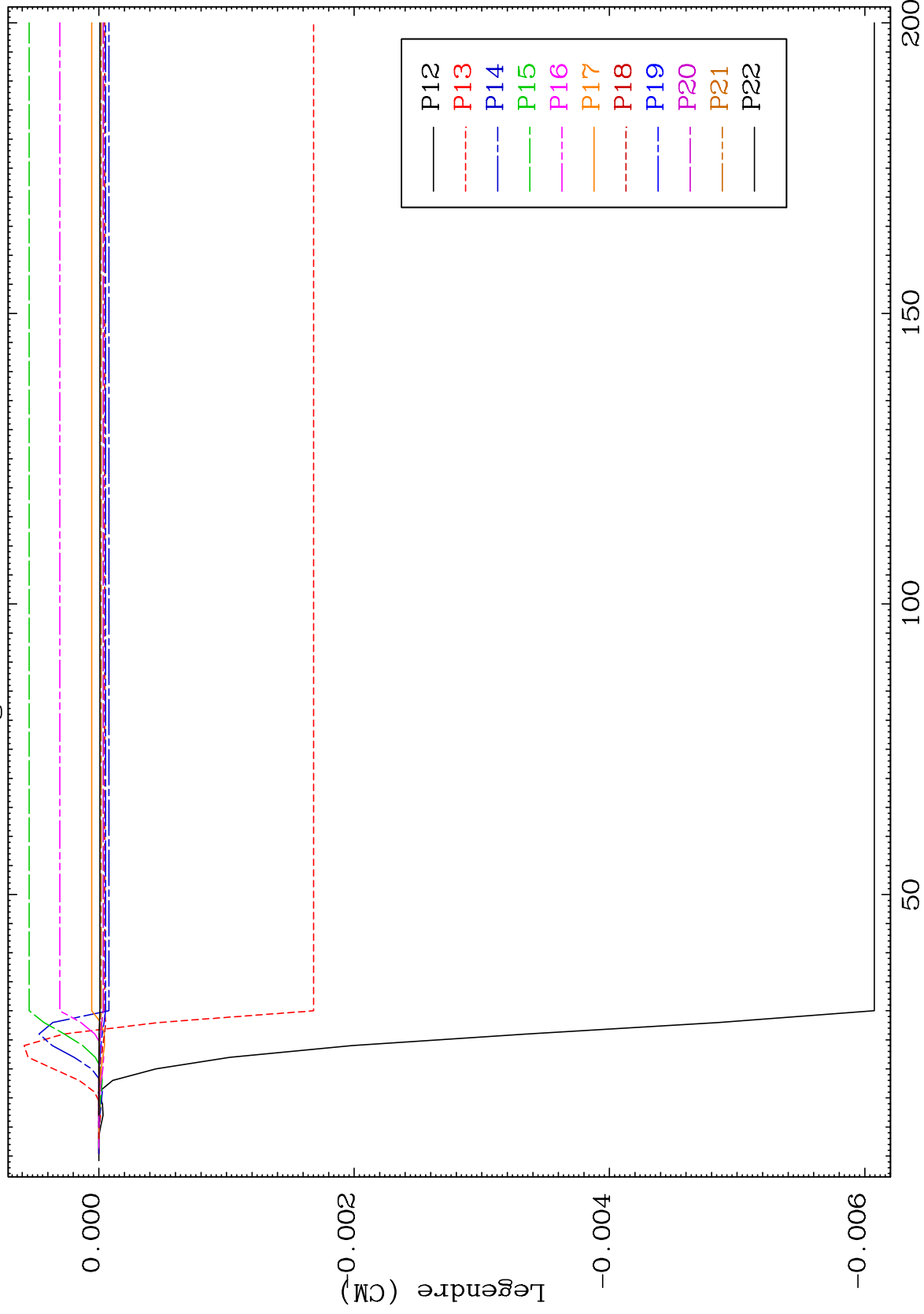
Incident Energy (MeV)

62

MAT 3243

2.624 MeV (n,n') Level
Legendre Coefficients

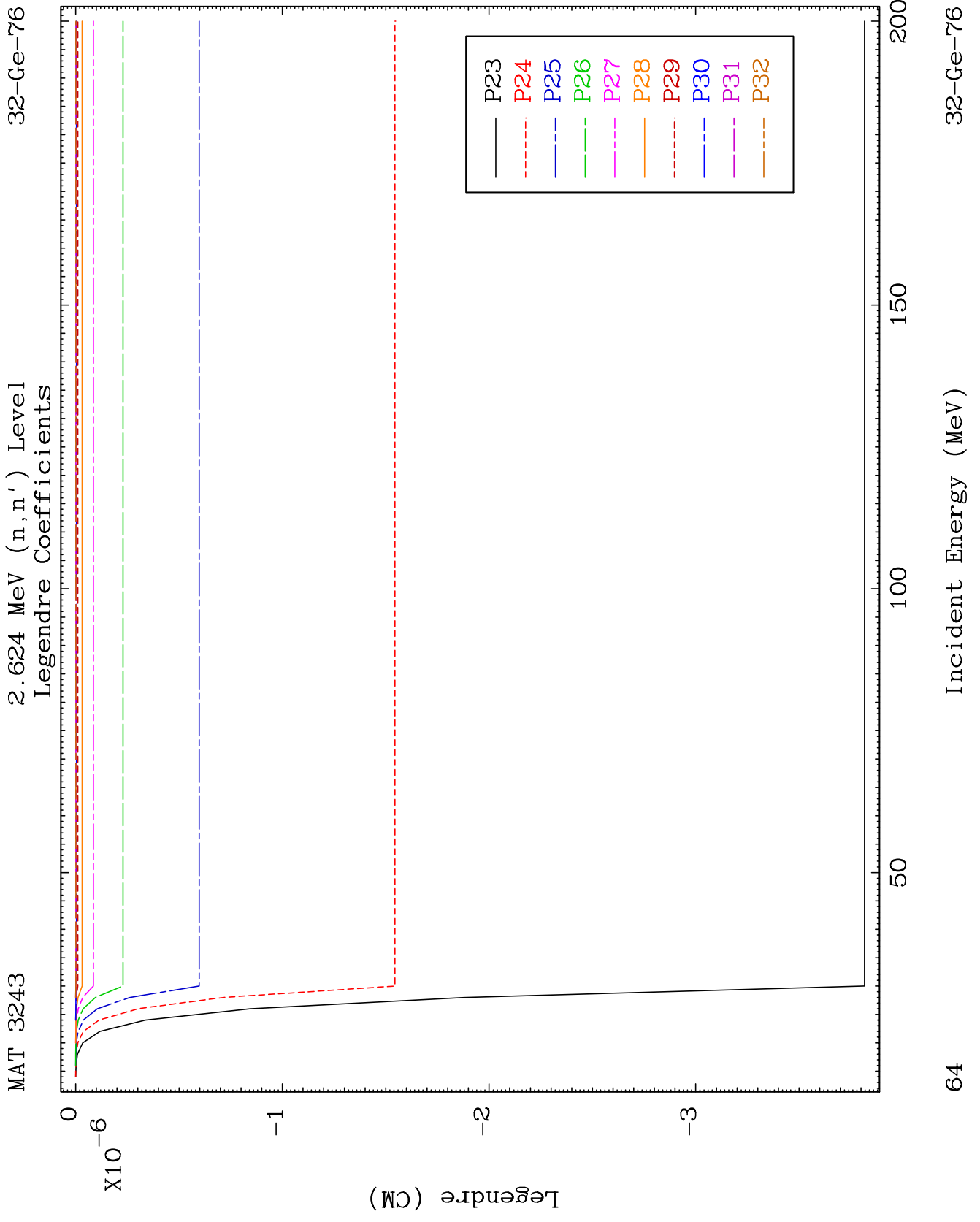
32-Ge-76

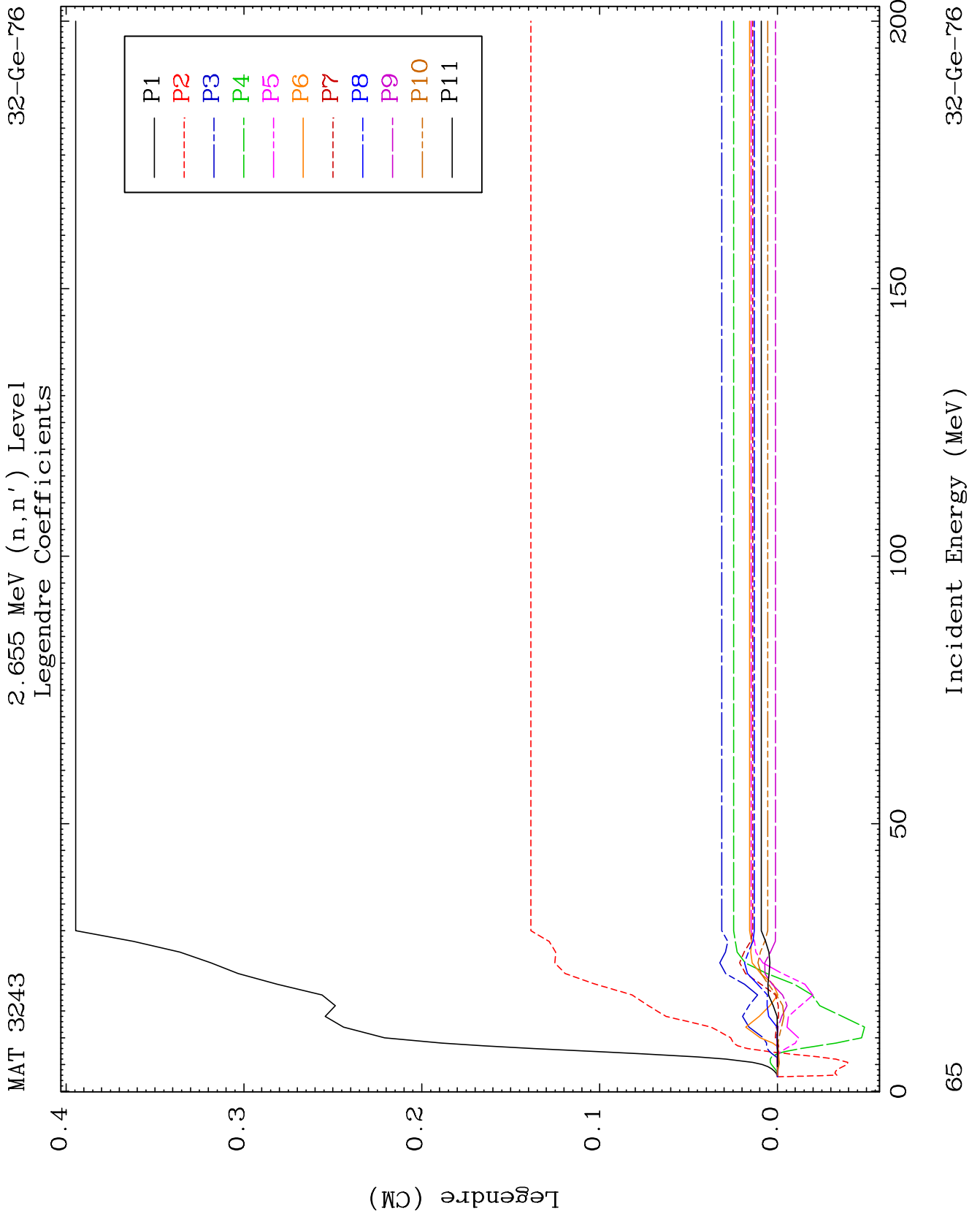


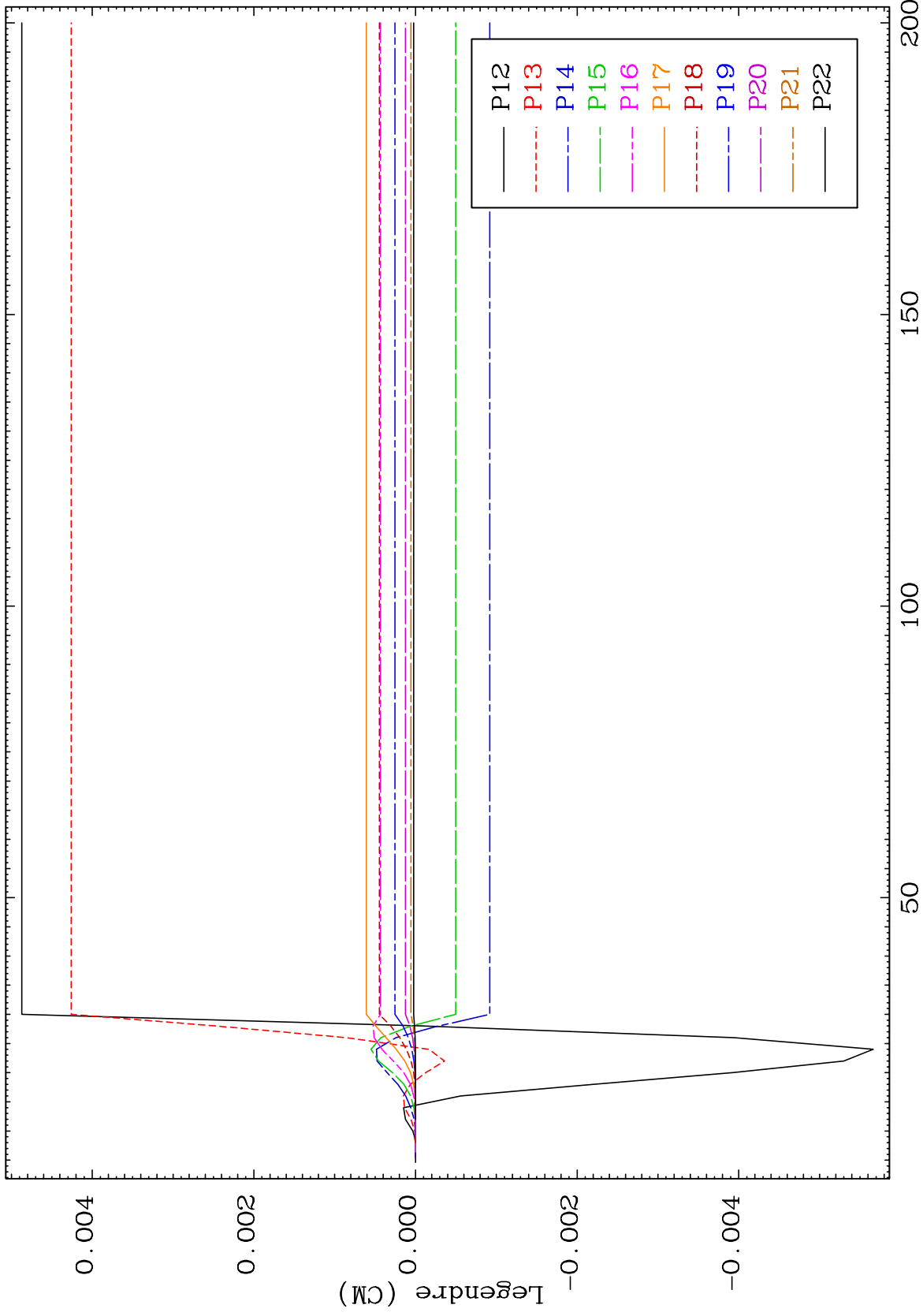
63

Incident Energy (MeV)

32-Ge-76



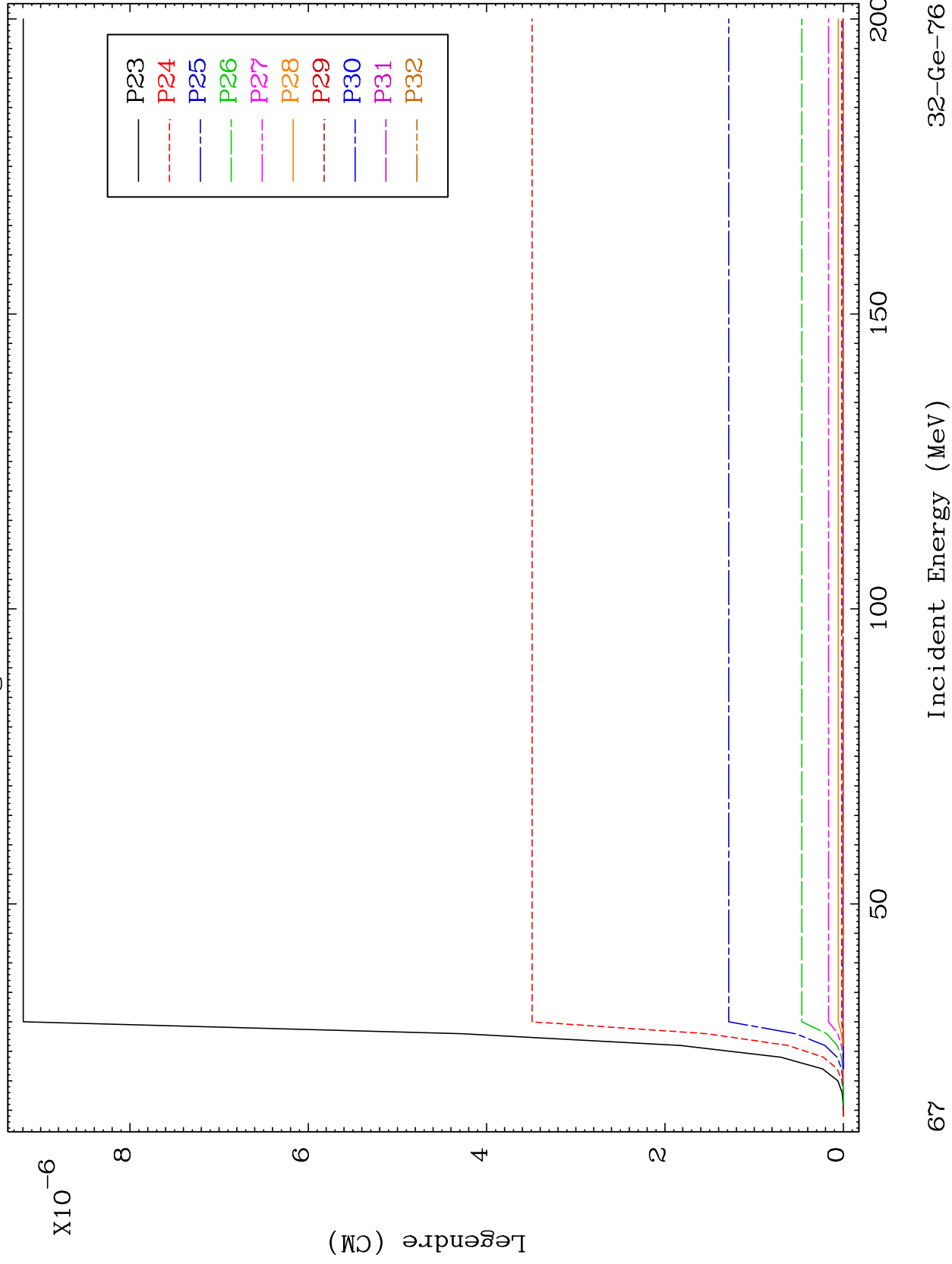




MAT 3243

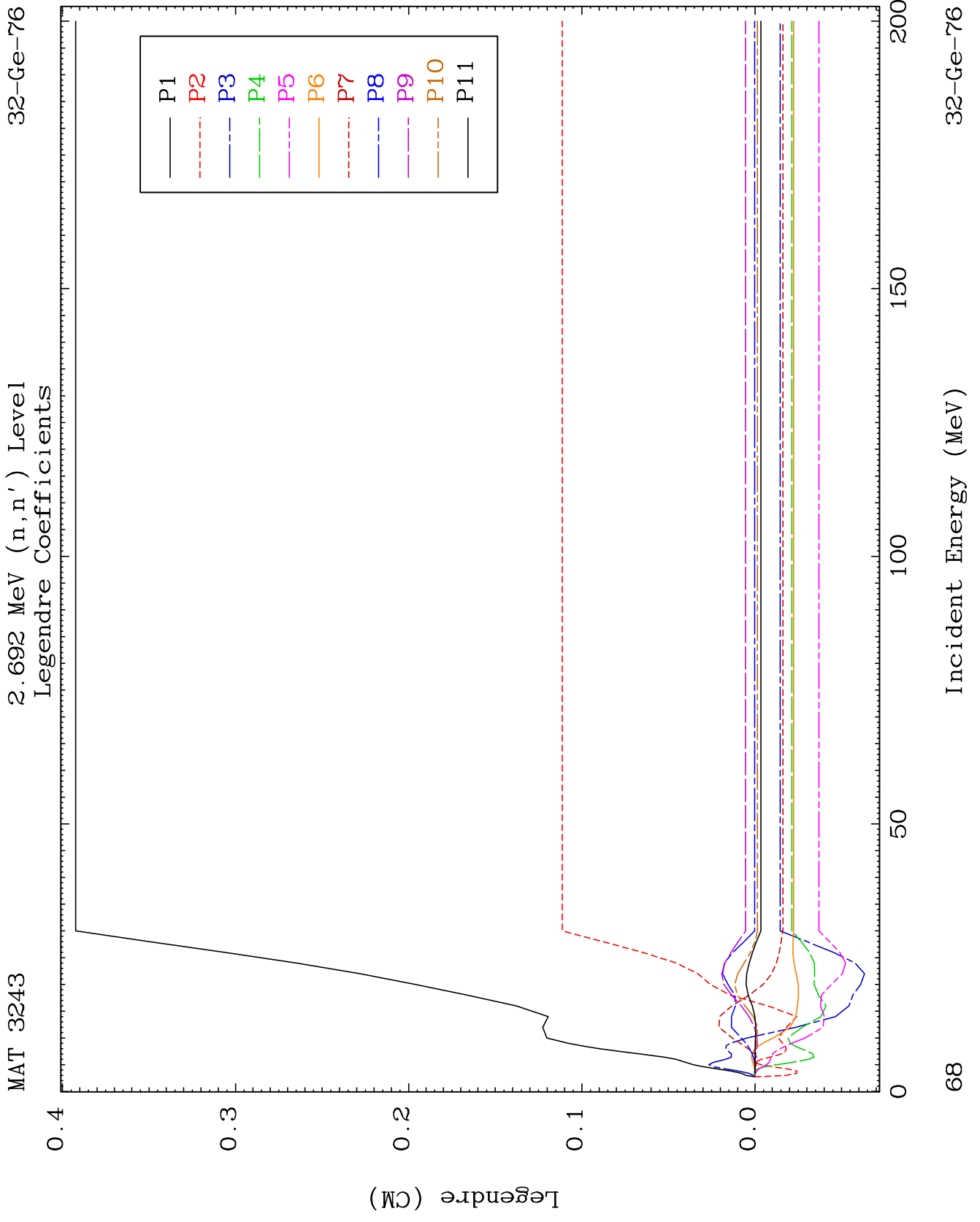
2.655 MeV (n,n') Level
Legendre Coefficients

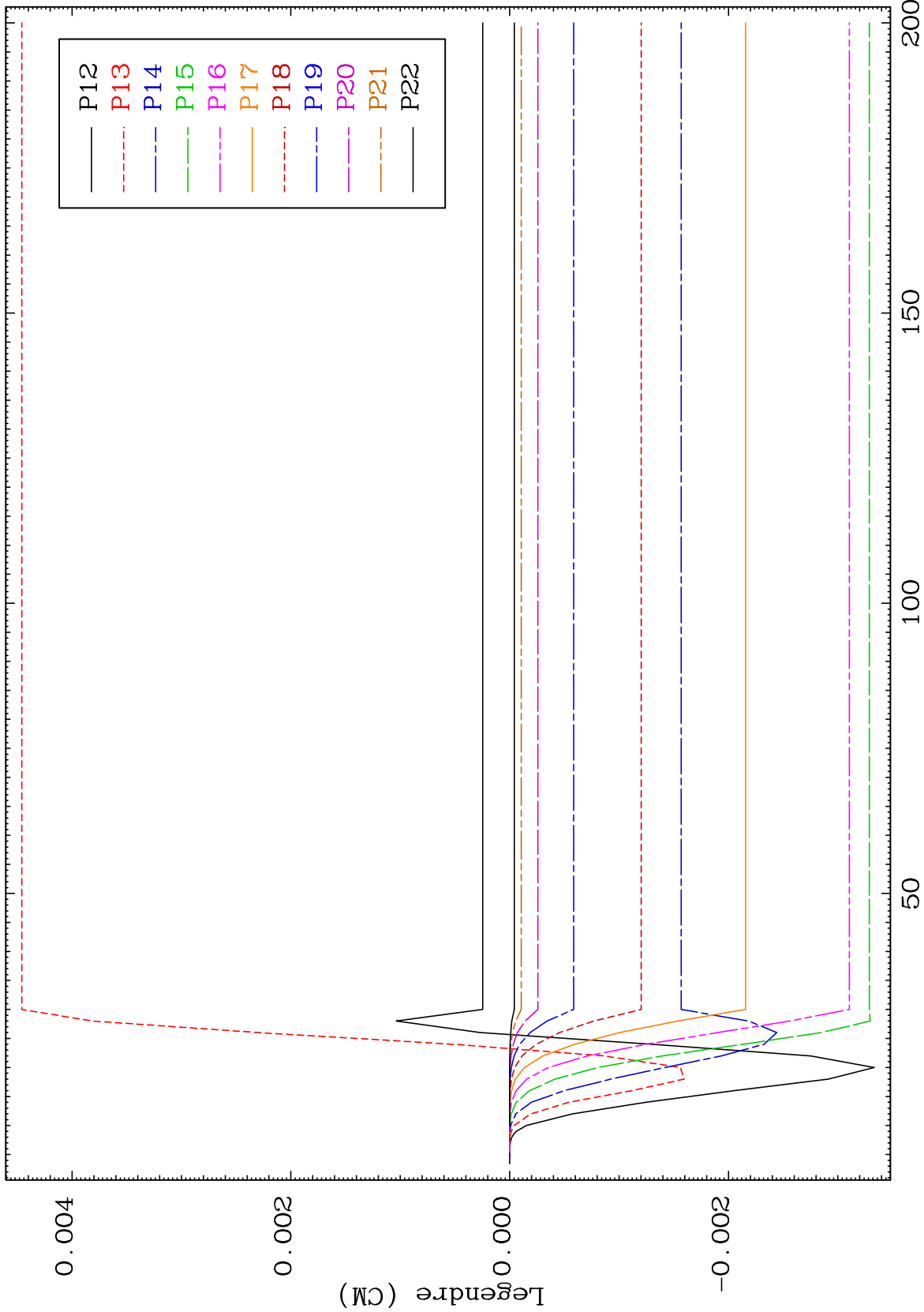
32-Ge-76

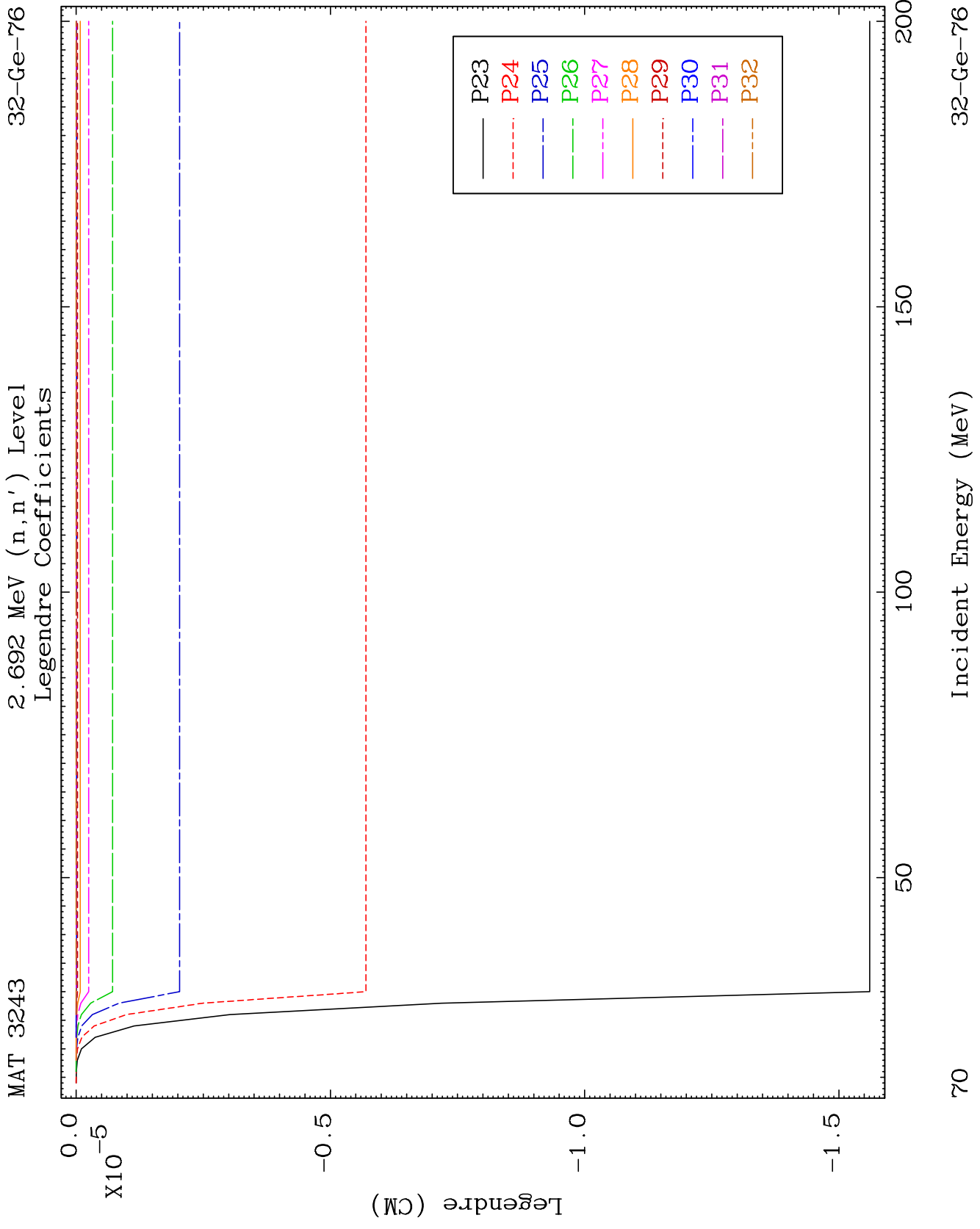


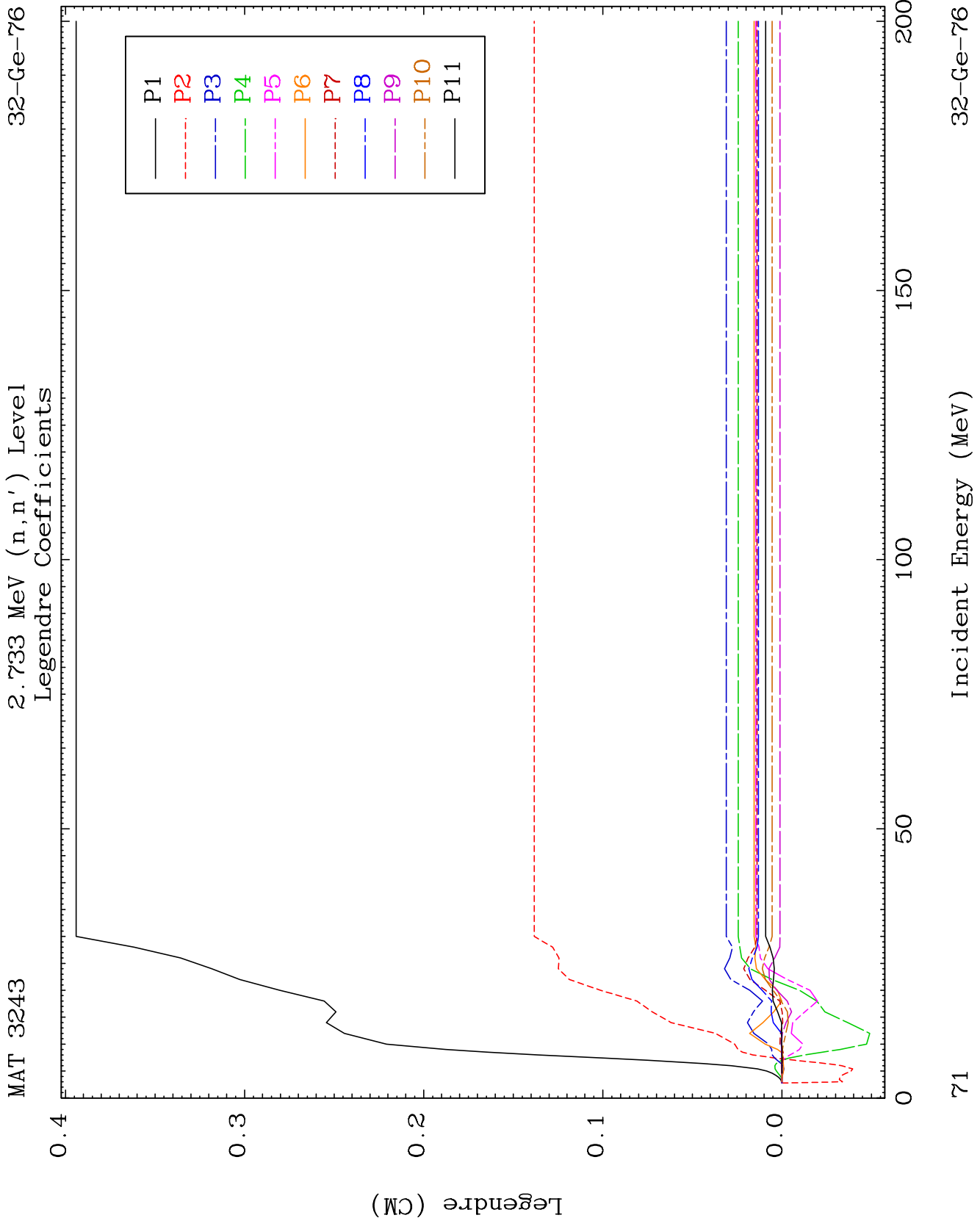
67

32-Ge-76





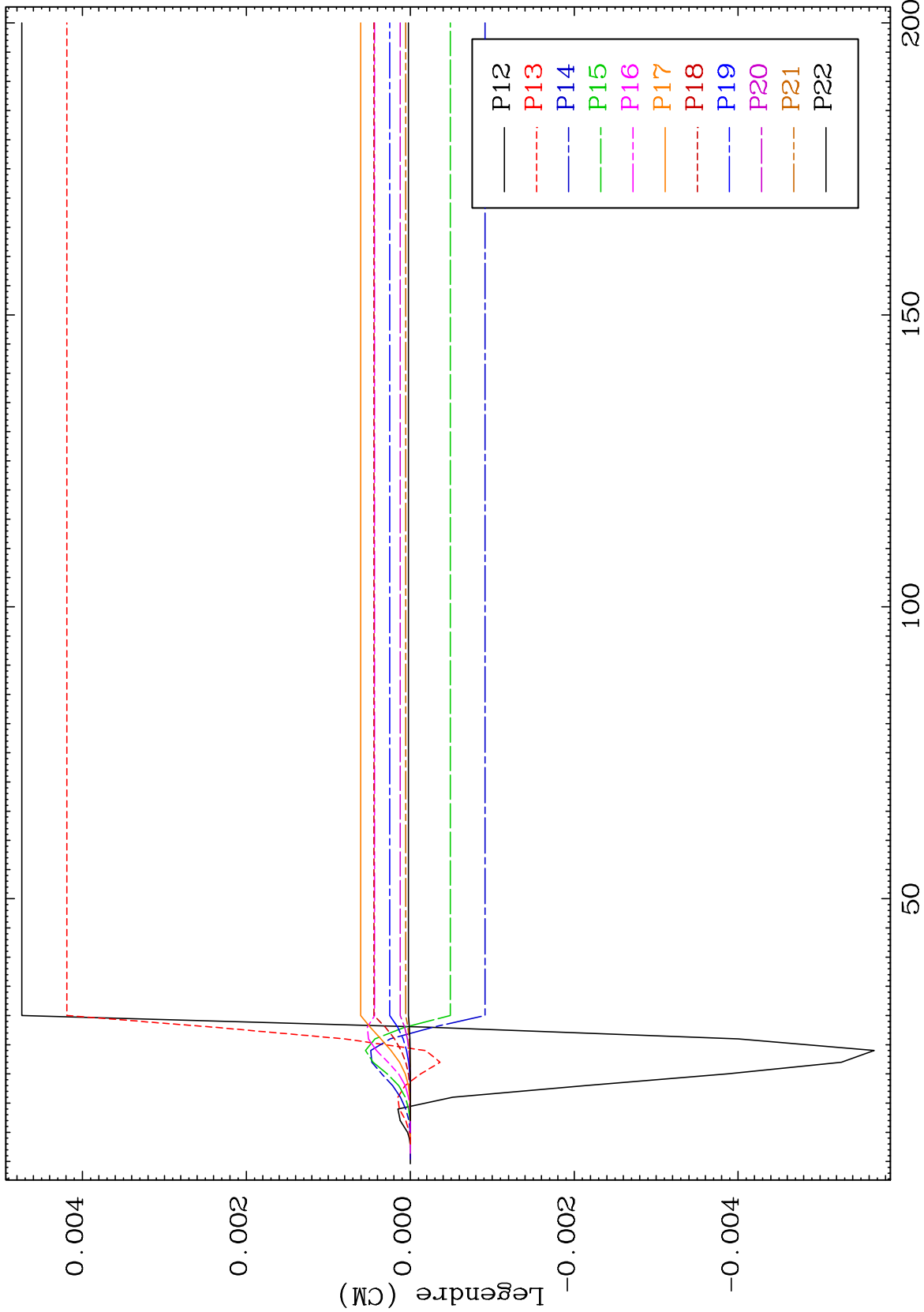




MAT 3243

2.733 MeV (n,n') Level
Legendre Coefficients

32-Ge-76



72

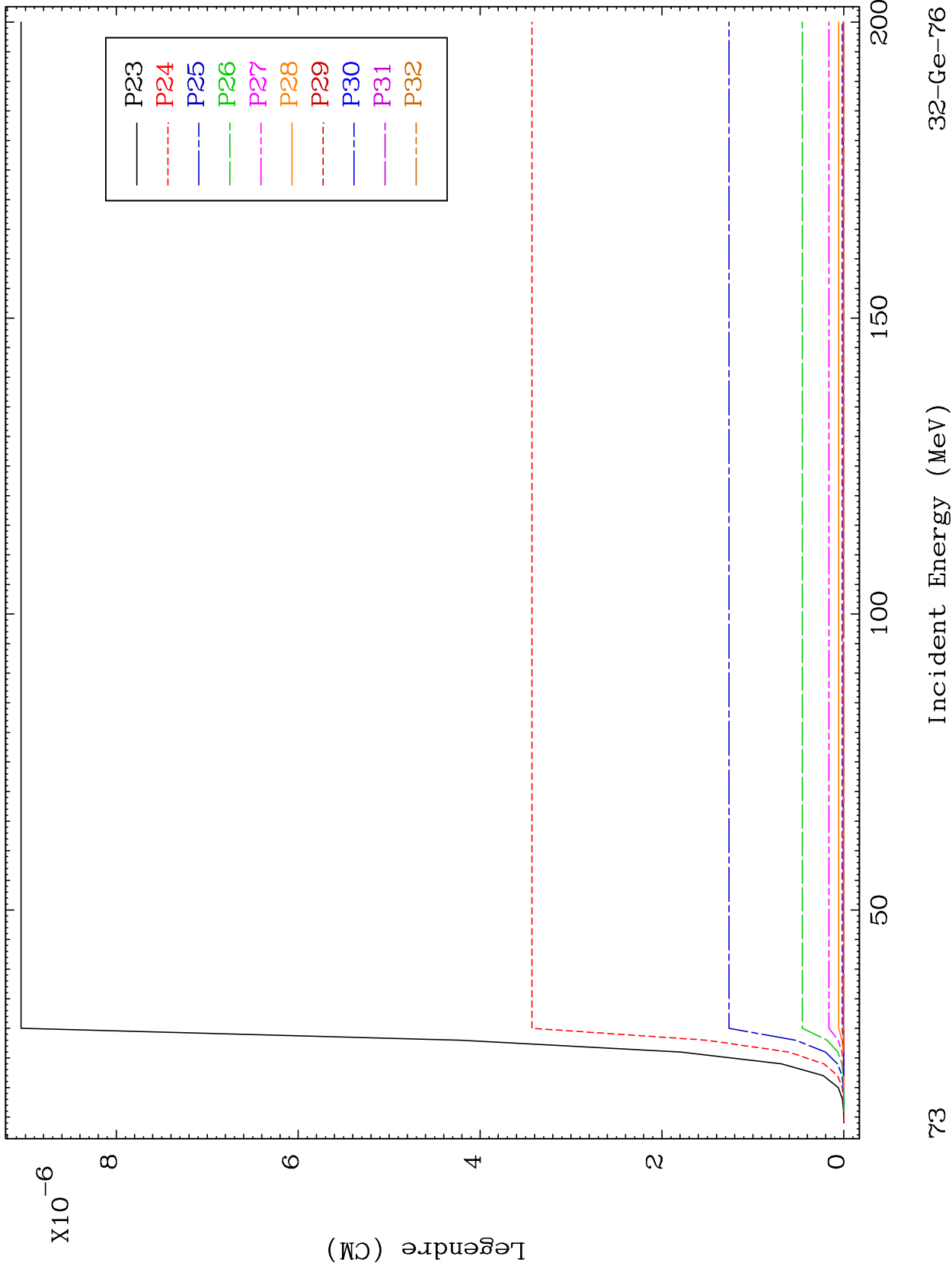
Incident Energy (MeV)

32-Ge-76

MAT 3243

2.733 MeV (n,n') Level
Legendre Coefficients

32-Ge-76



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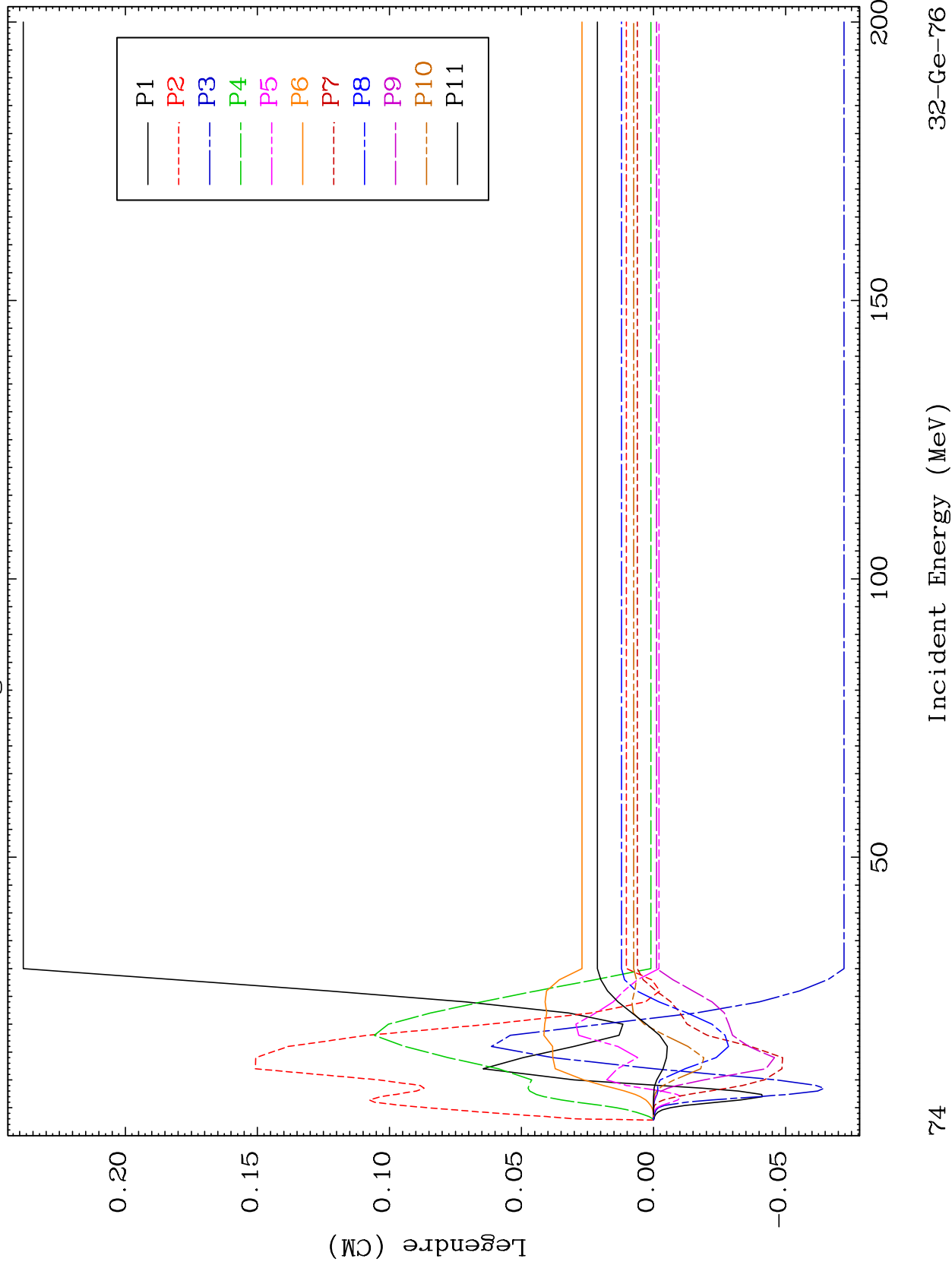
Incident Energy (MeV)

32-Ge-76

MAT 3243

2.748 MeV (n,n') Level
Legendre Coefficients

32-Ge-76



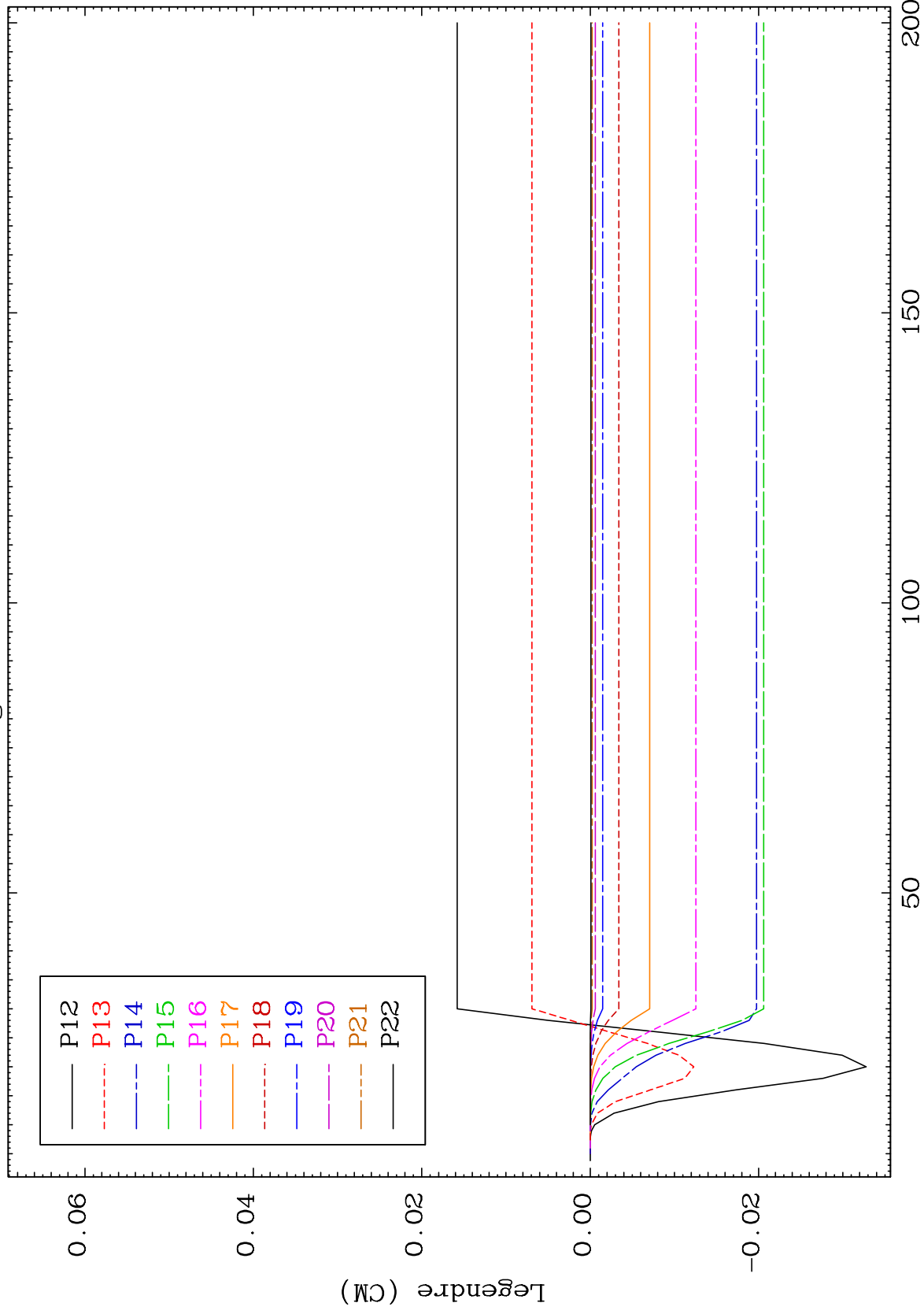
74

32-Ge-76

MAT 3243

2.748 MeV (n, n') Level
Legendre Coefficients

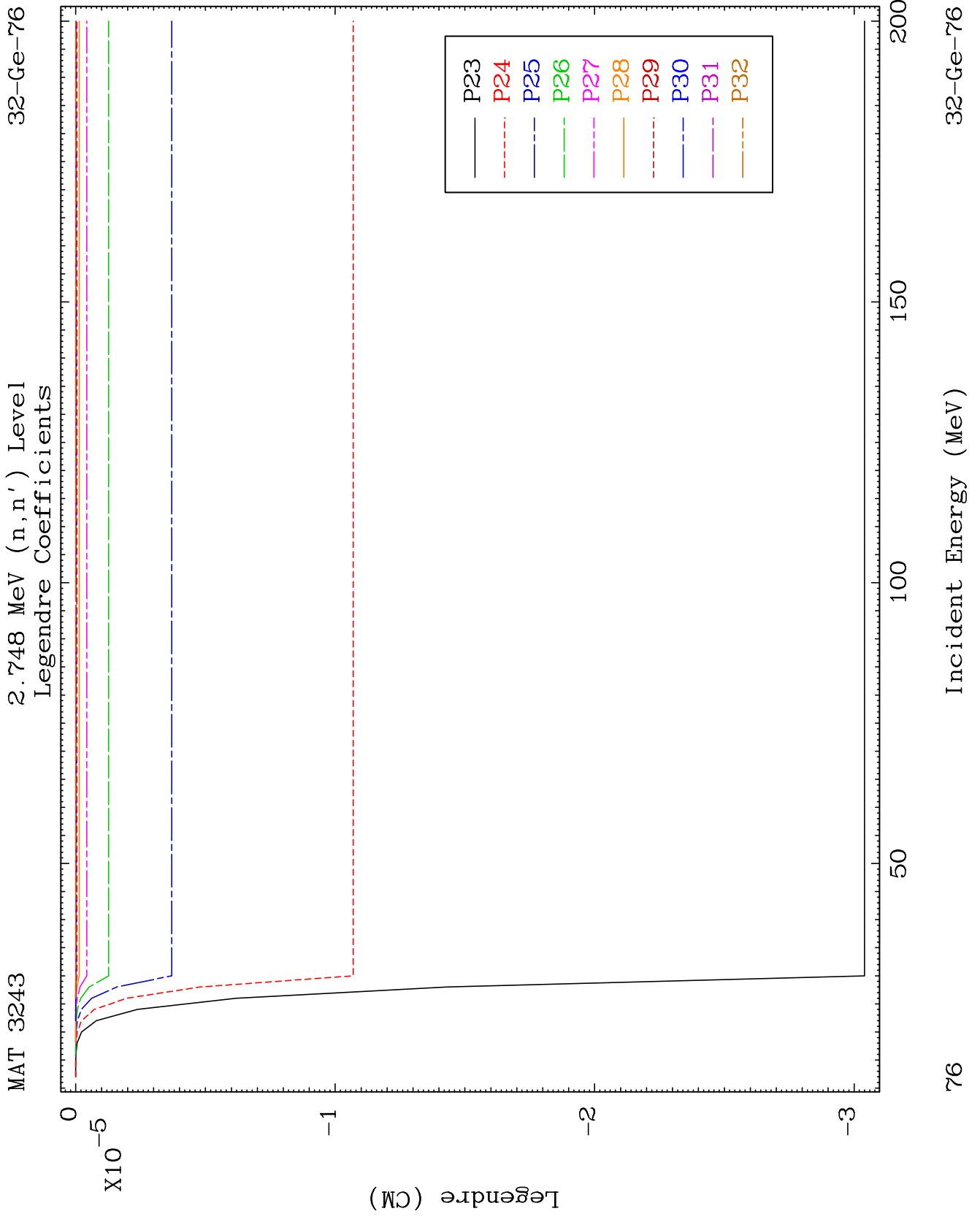
32-Ge-76



75

Incident Energy (MeV)

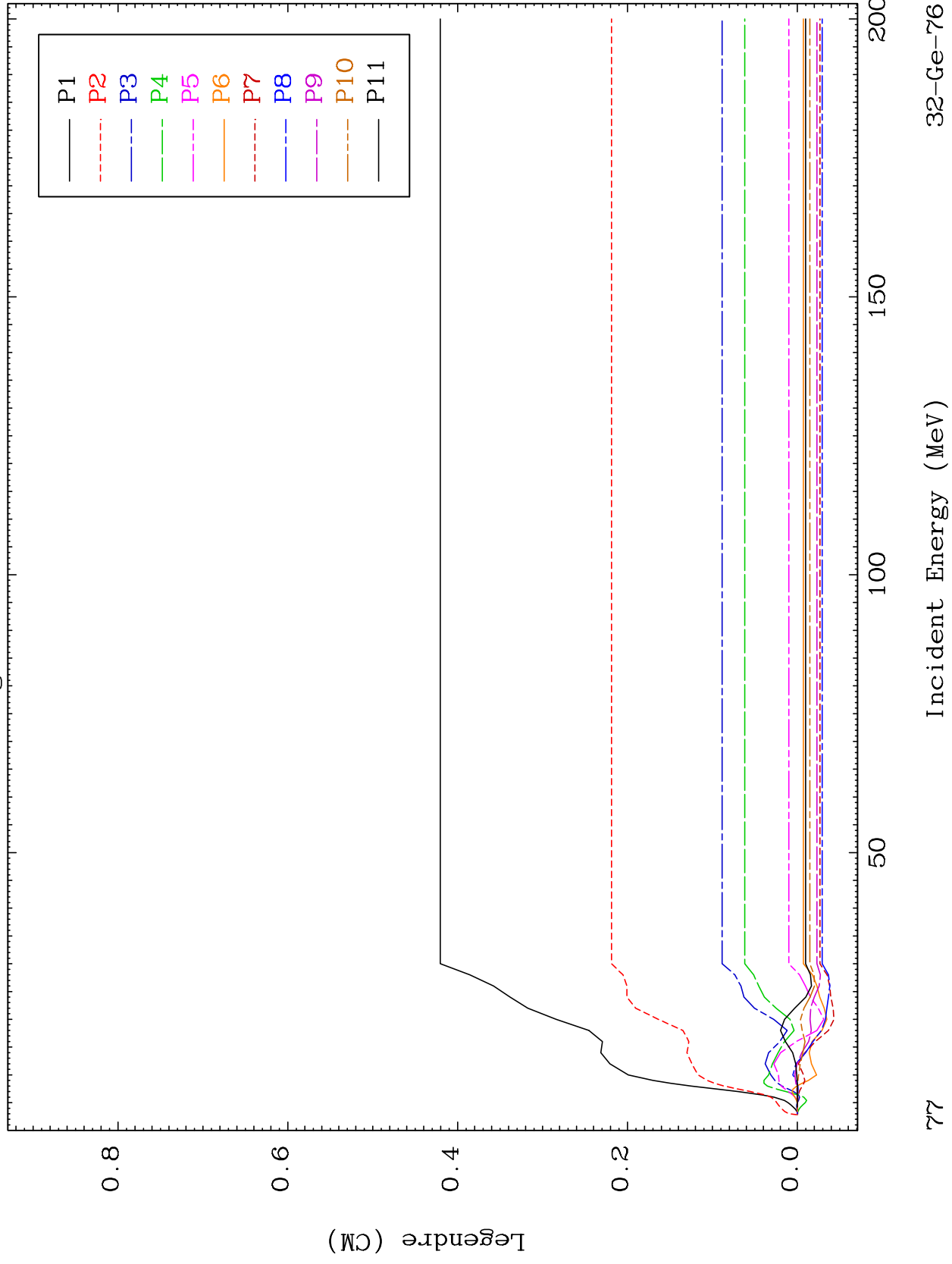
32-Ge-76



MAT 3243

2.769 MeV (n,n') Level
Legendre Coefficients

32-Ge-76

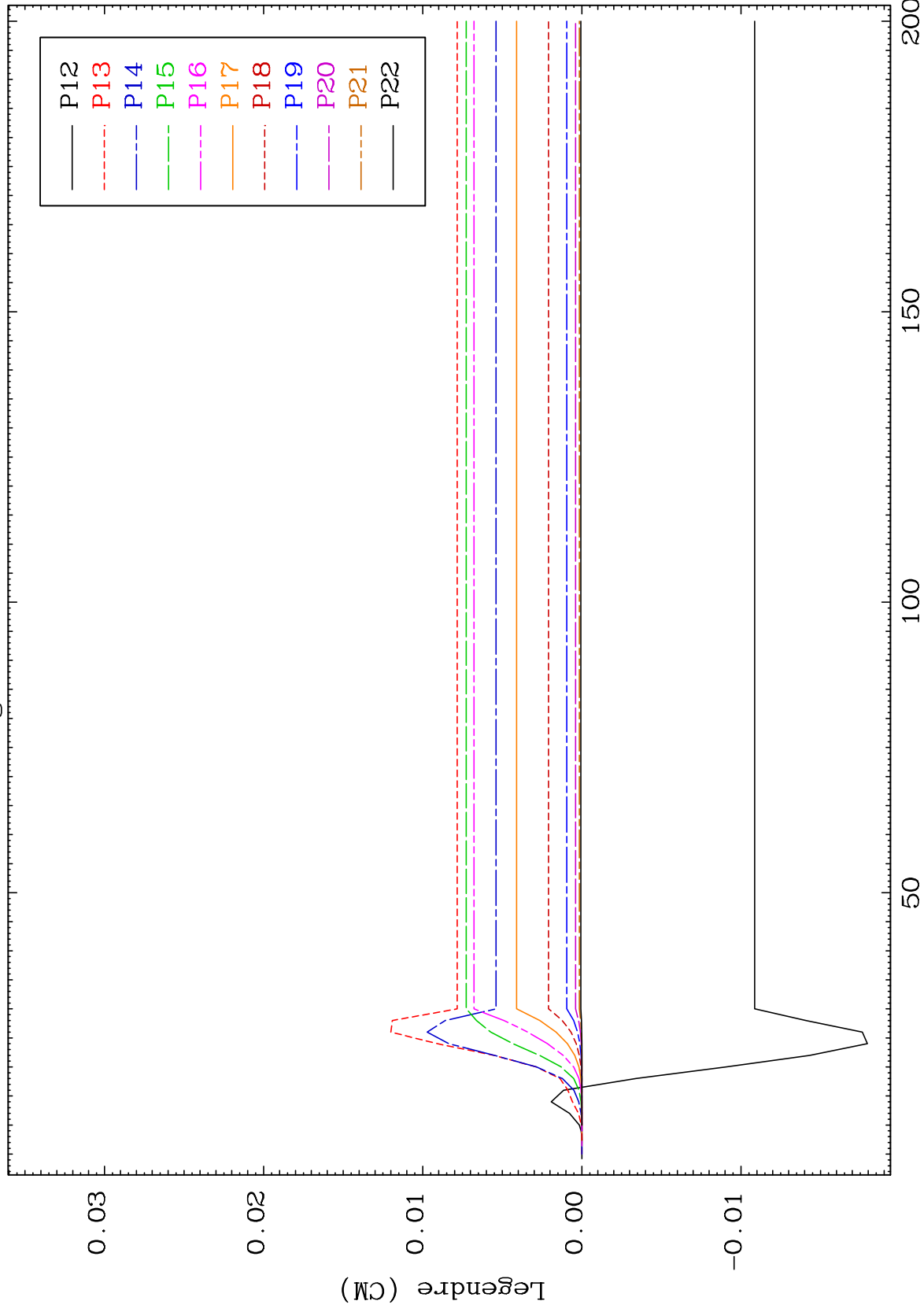


77

MAT 3243

2.769 MeV (n,n') Level
Legendre Coefficients

32-Ge-76



78

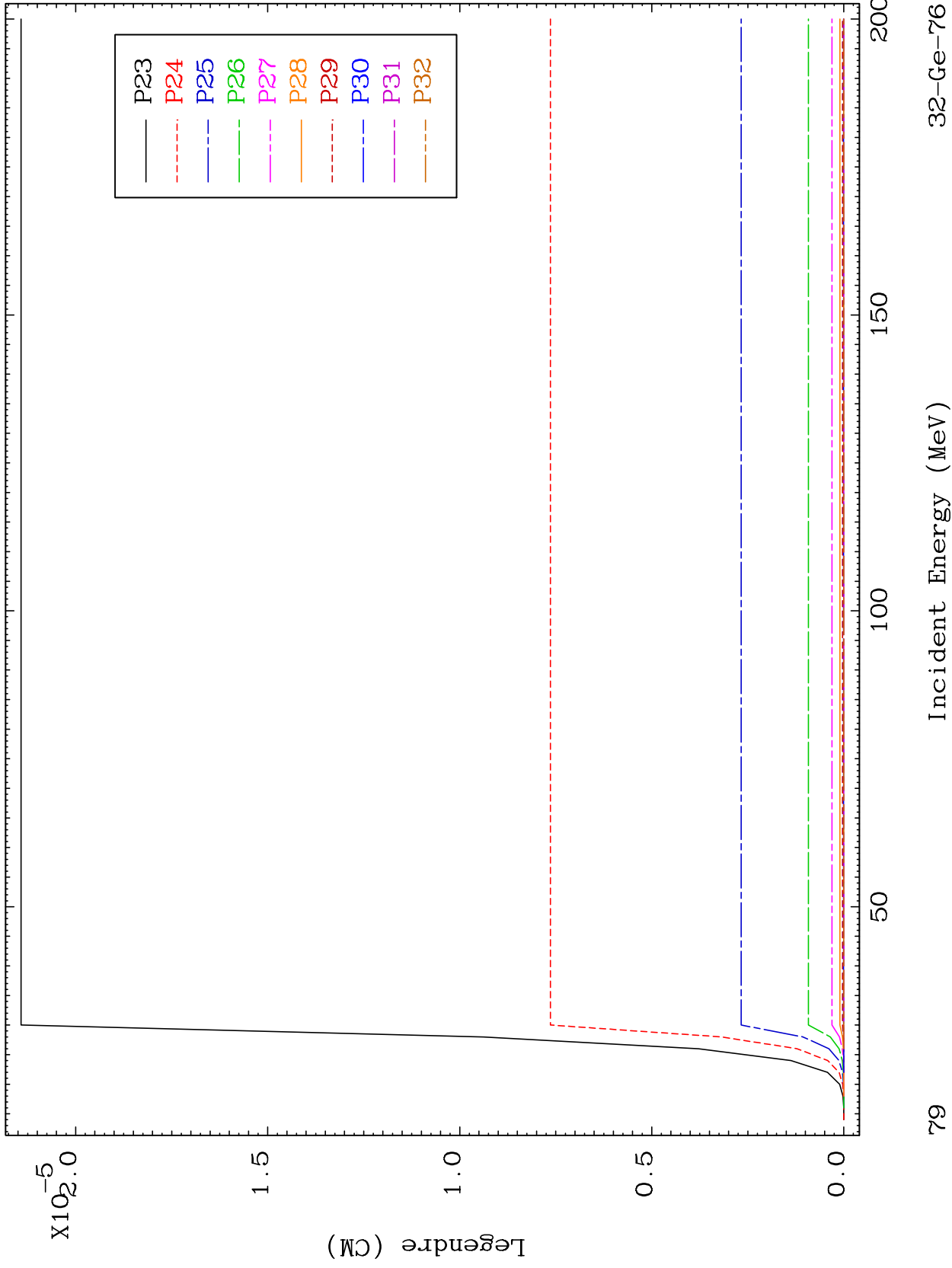
Incident Energy (MeV)

32-Ge-76

MAT 3243

2.769 MeV (n,n') Level
Legendre Coefficients

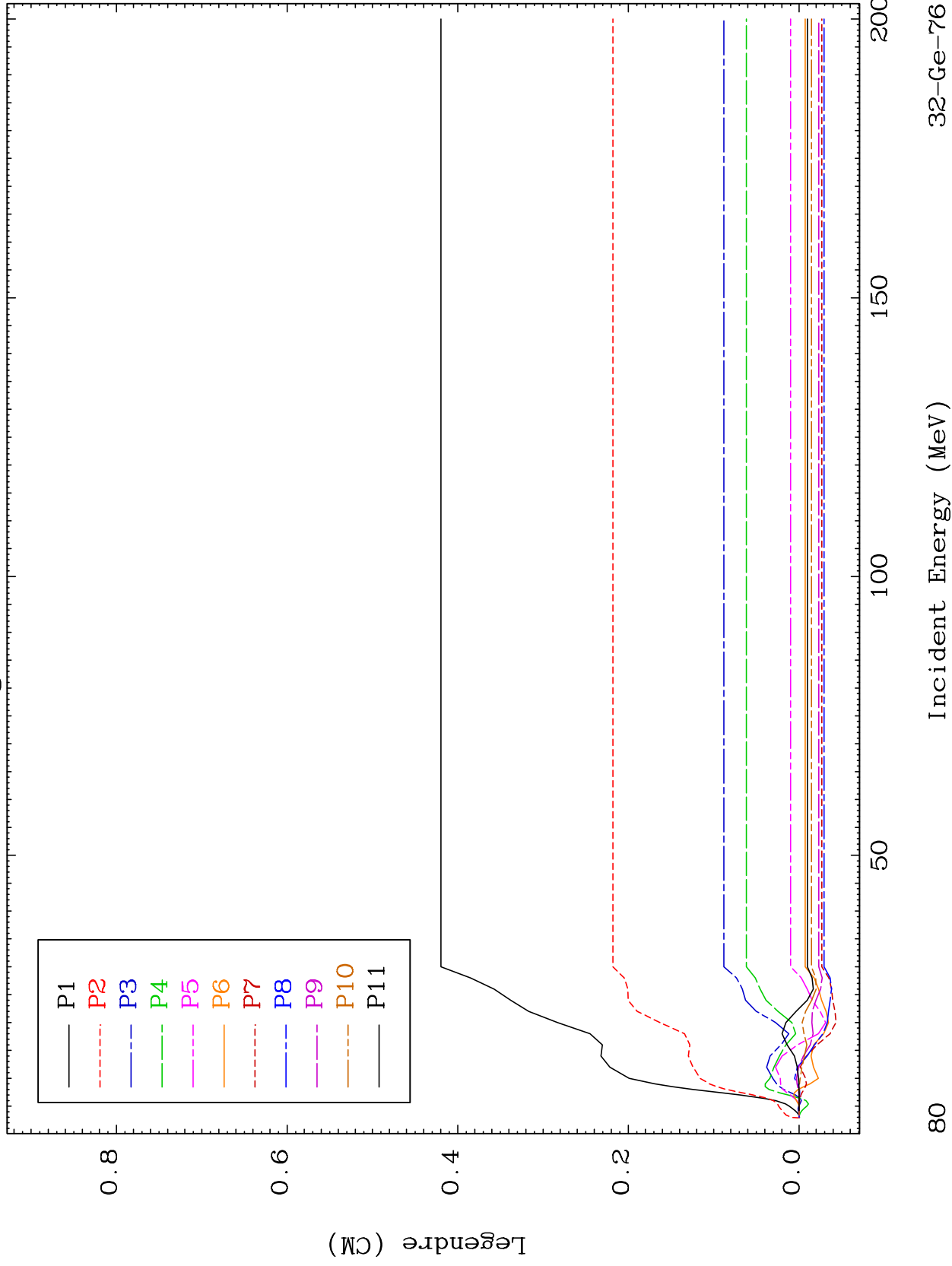
32-Ge-76



MAT 3243

2.842 MeV (n, n') Level
Legendre Coefficients

³²Ge-76



80

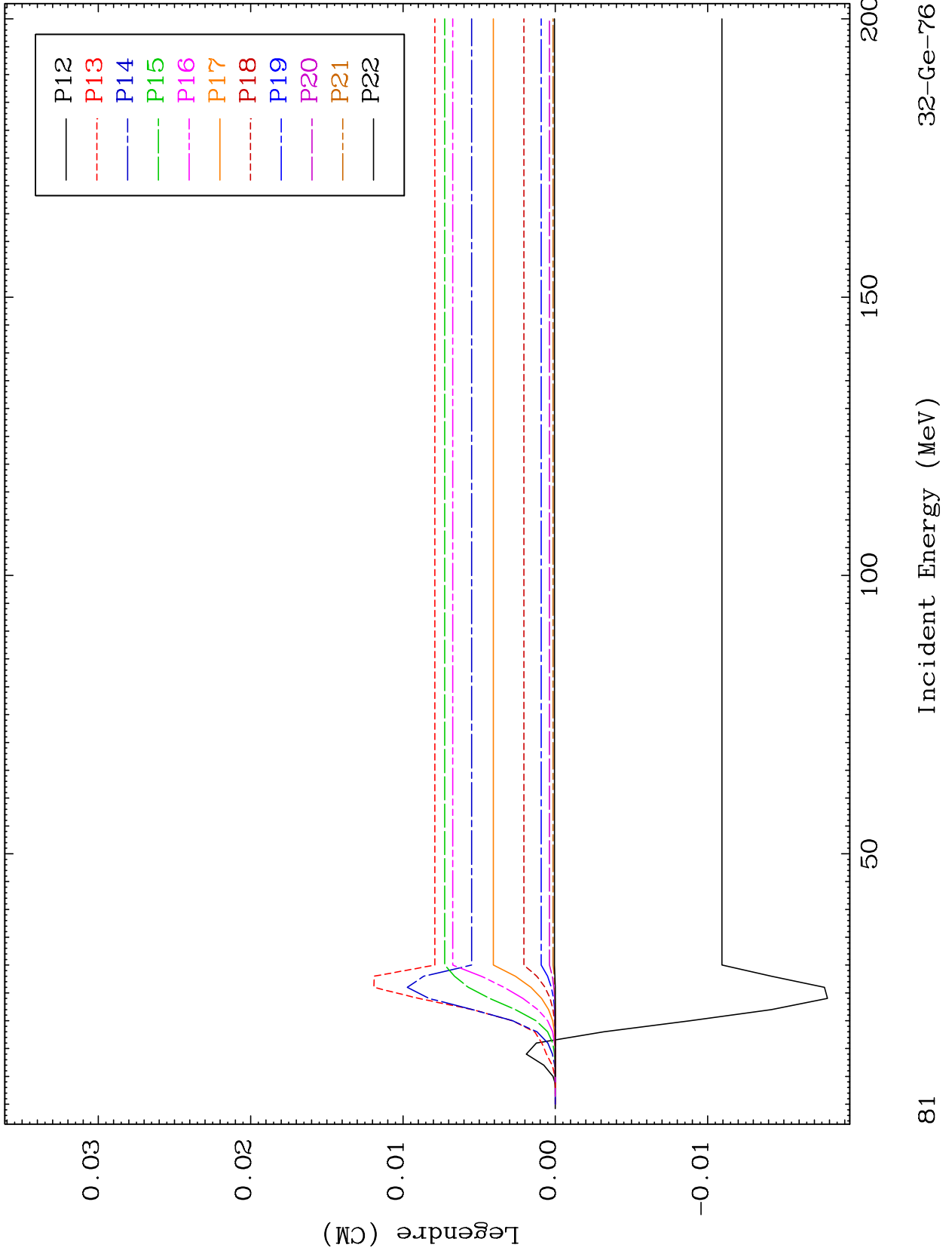
Incident Energy (MeV)

³²Ge-76

MAT 3243

2.842 MeV (n,n') Level
Legendre Coefficients

32-Ge-76



81

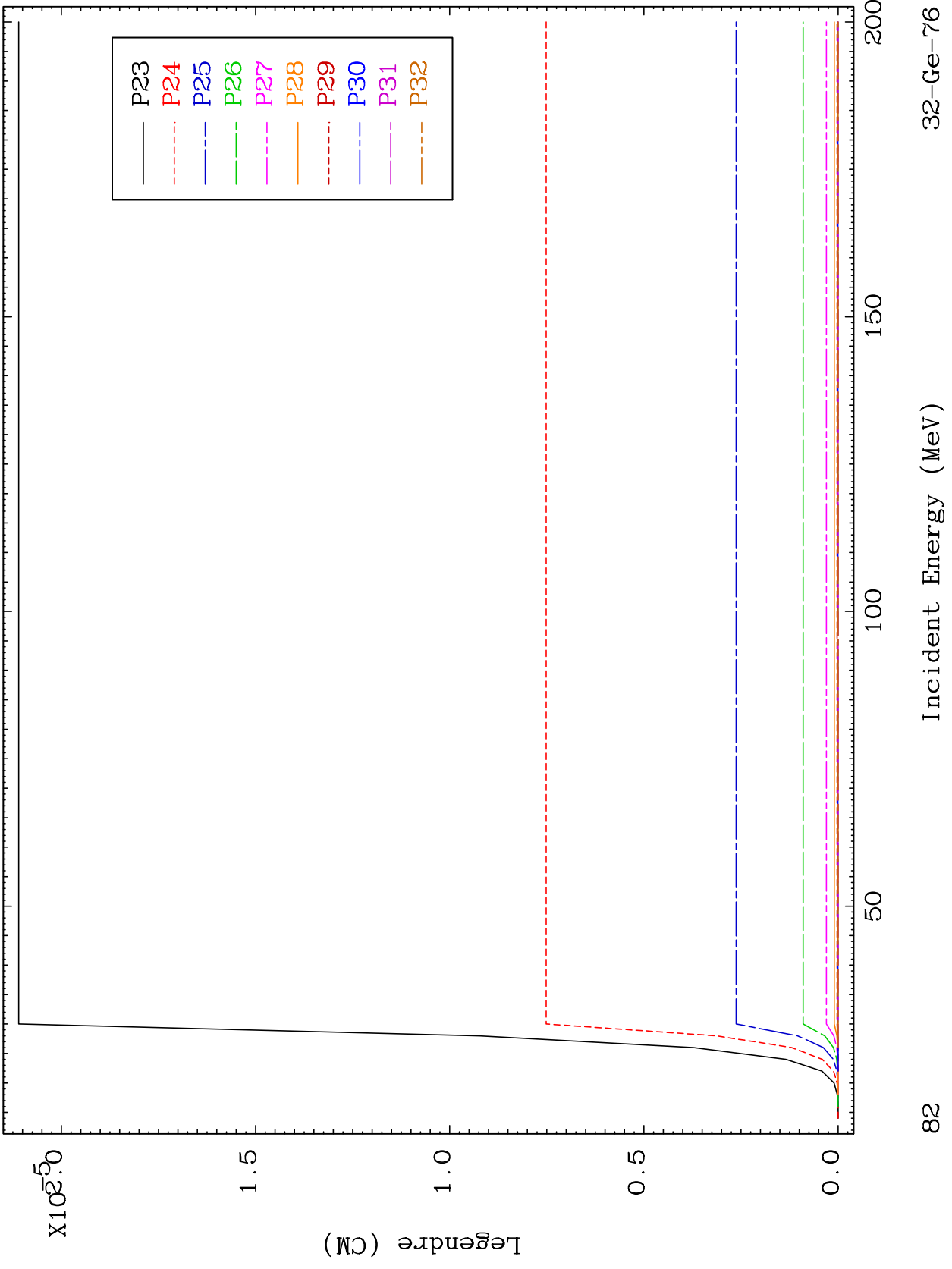
Incident Energy (MeV)

32-Ge-76

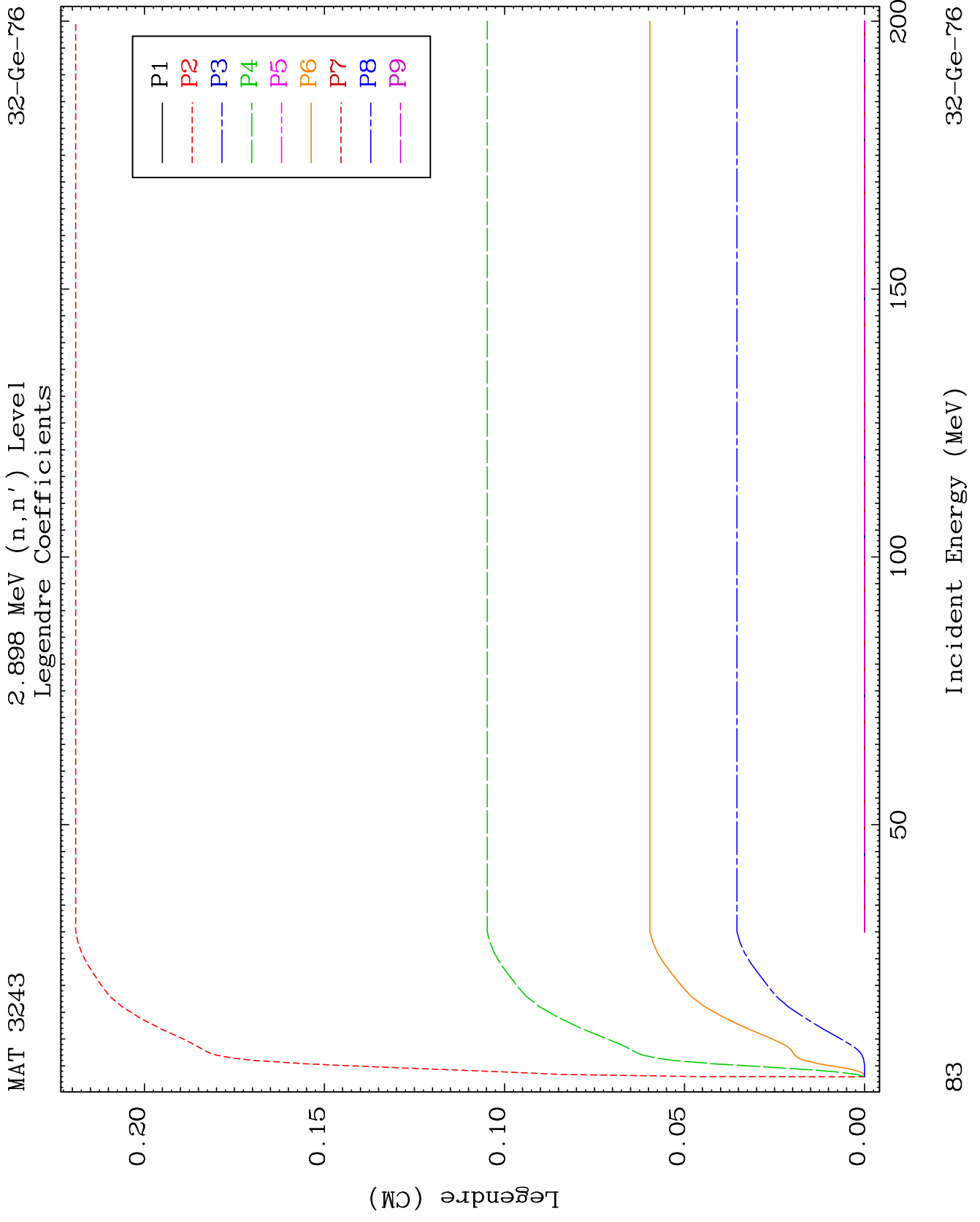
MAT 3243

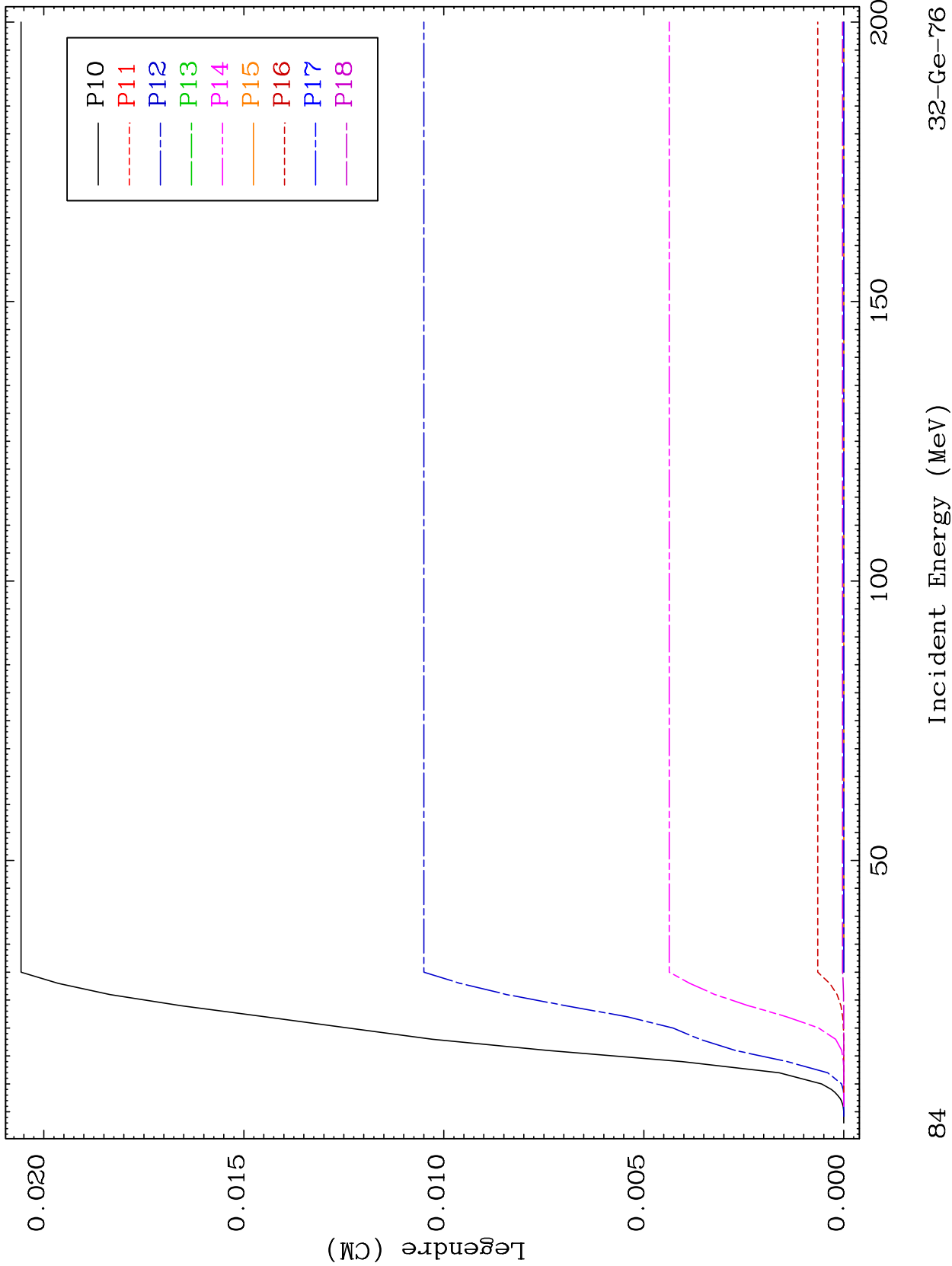
2.842 MeV (n,n') Level
Legendre Coefficients

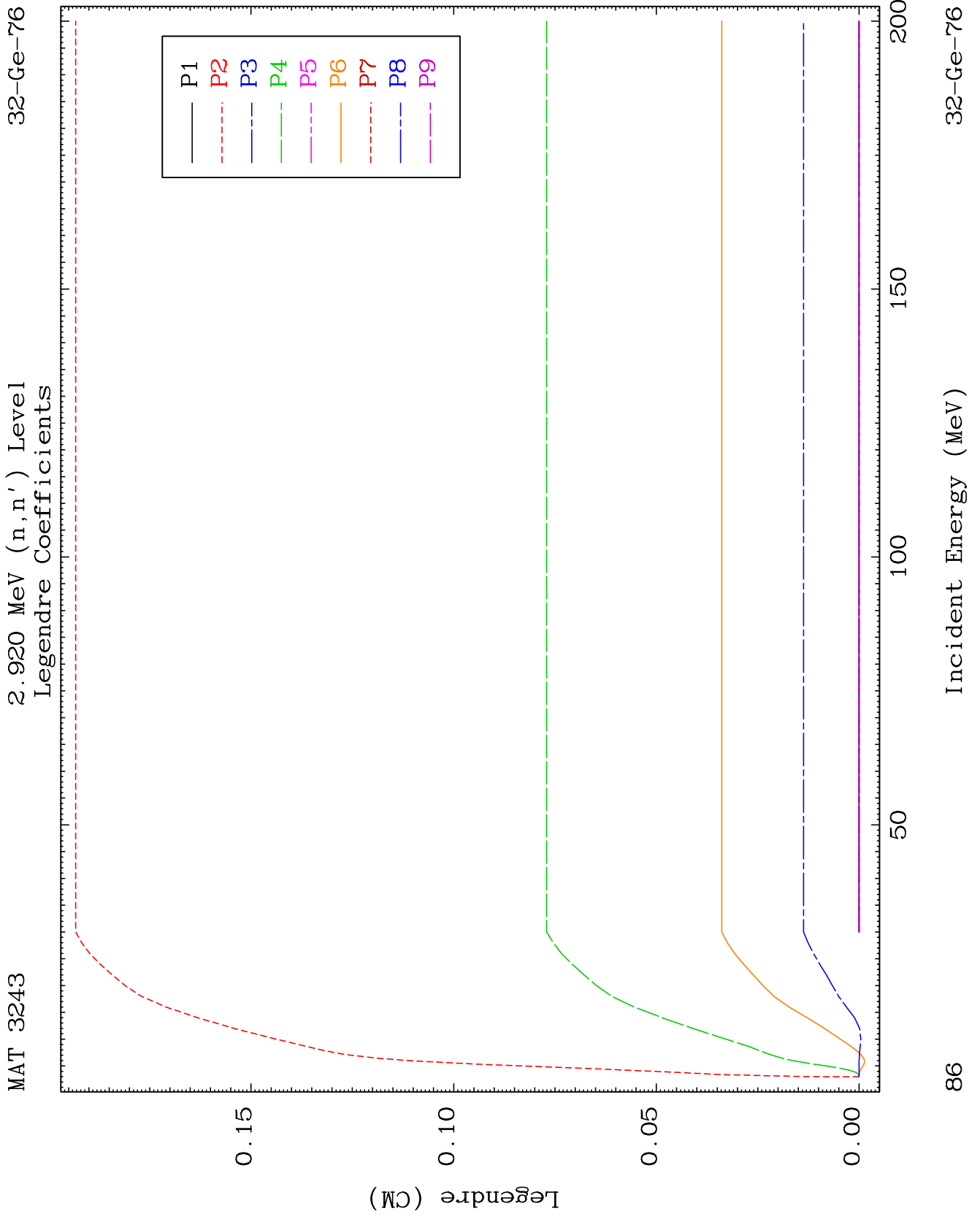
32-Ge-76



82



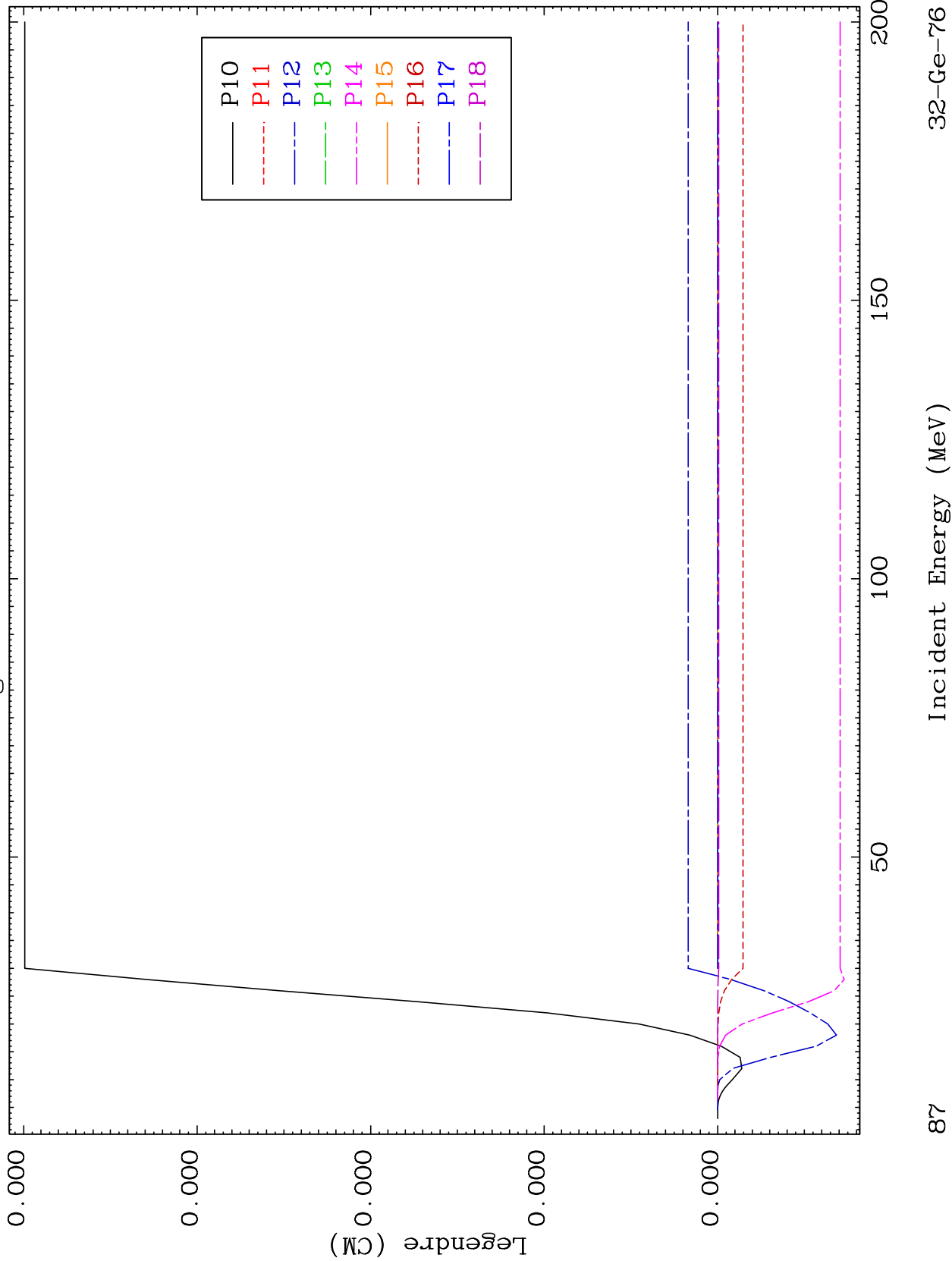




MAT 3243

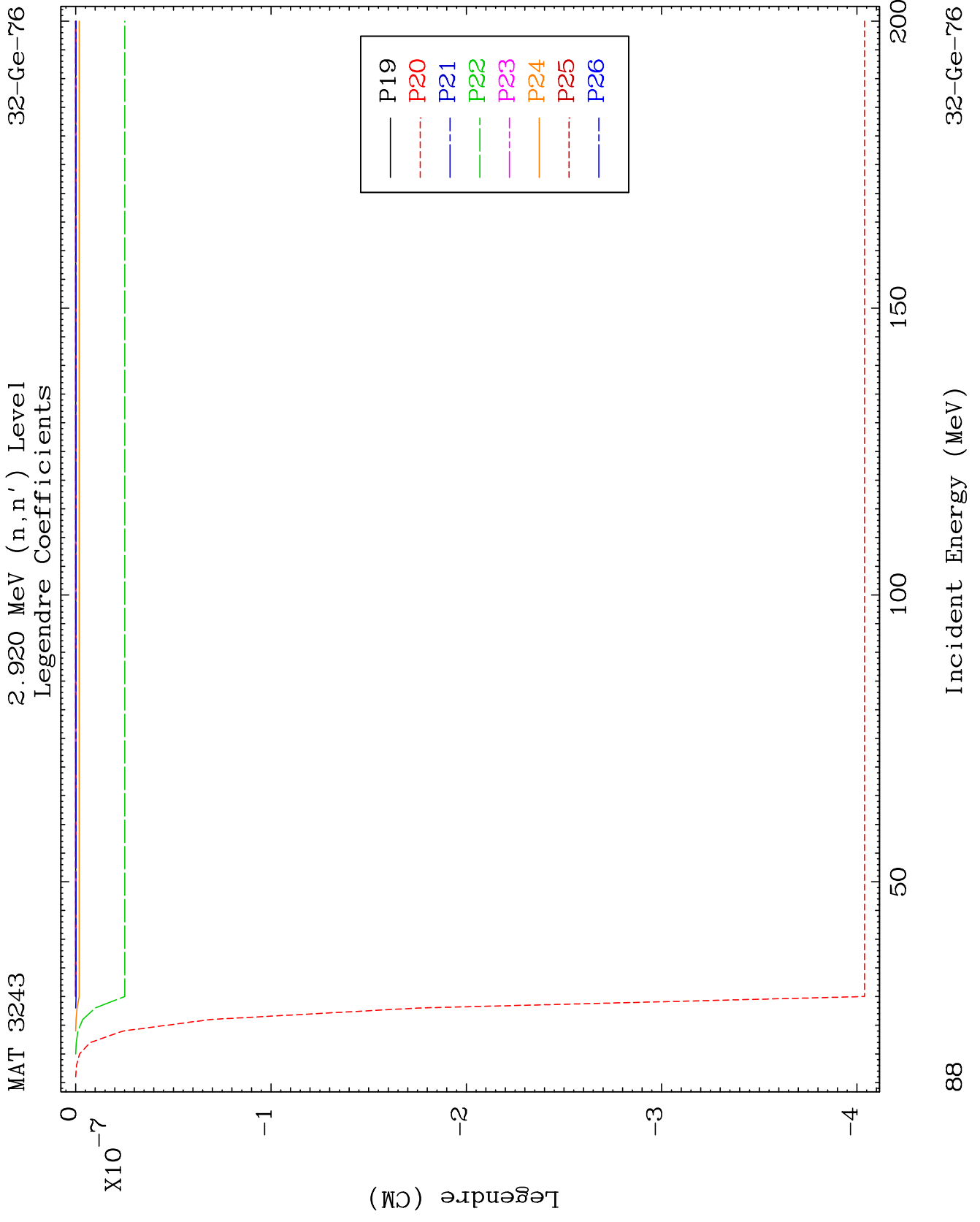
2.920 MeV (n,n') Level
Legendre Coefficients

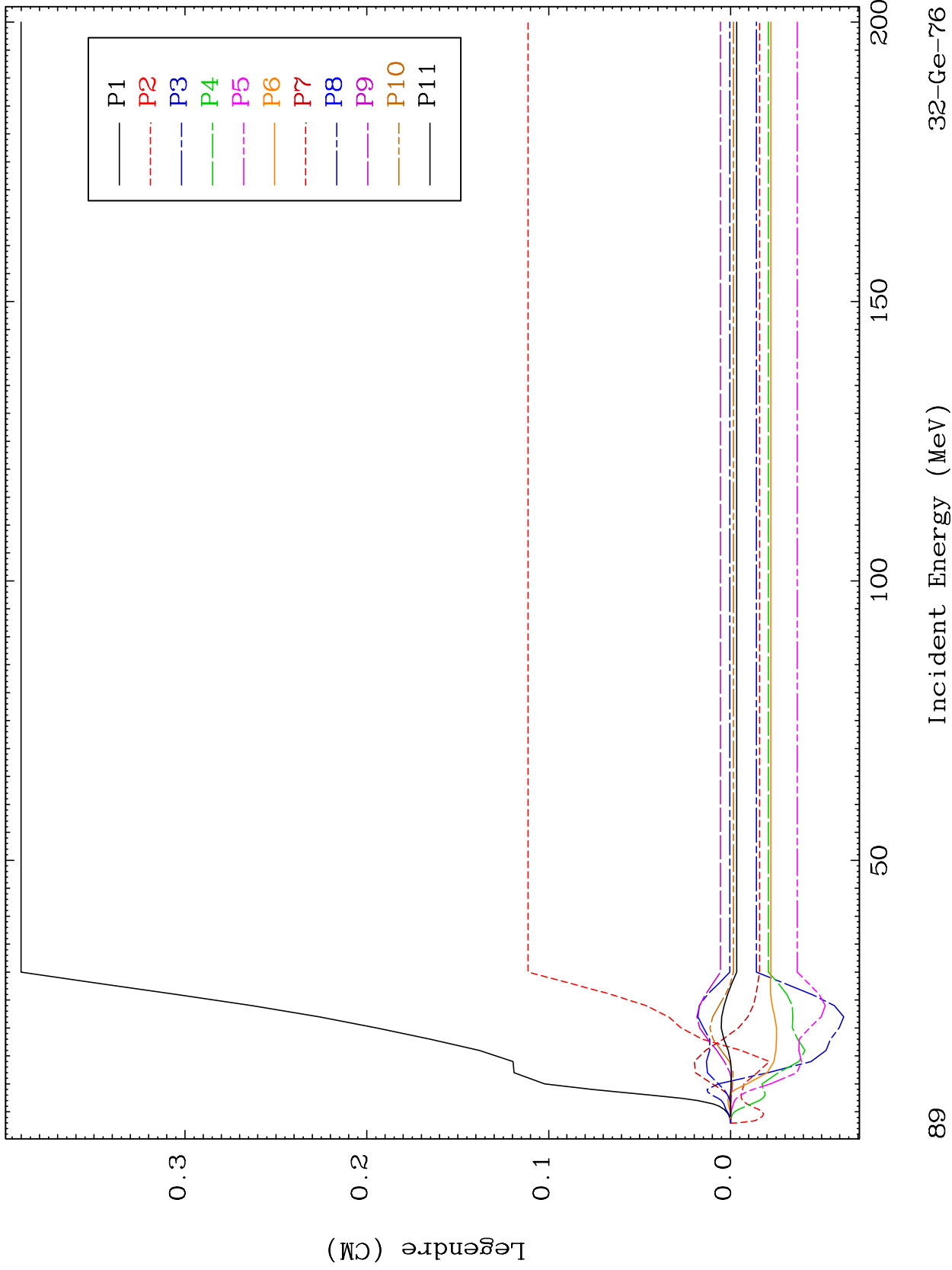
32-Ge-76



87

32-Ge-76

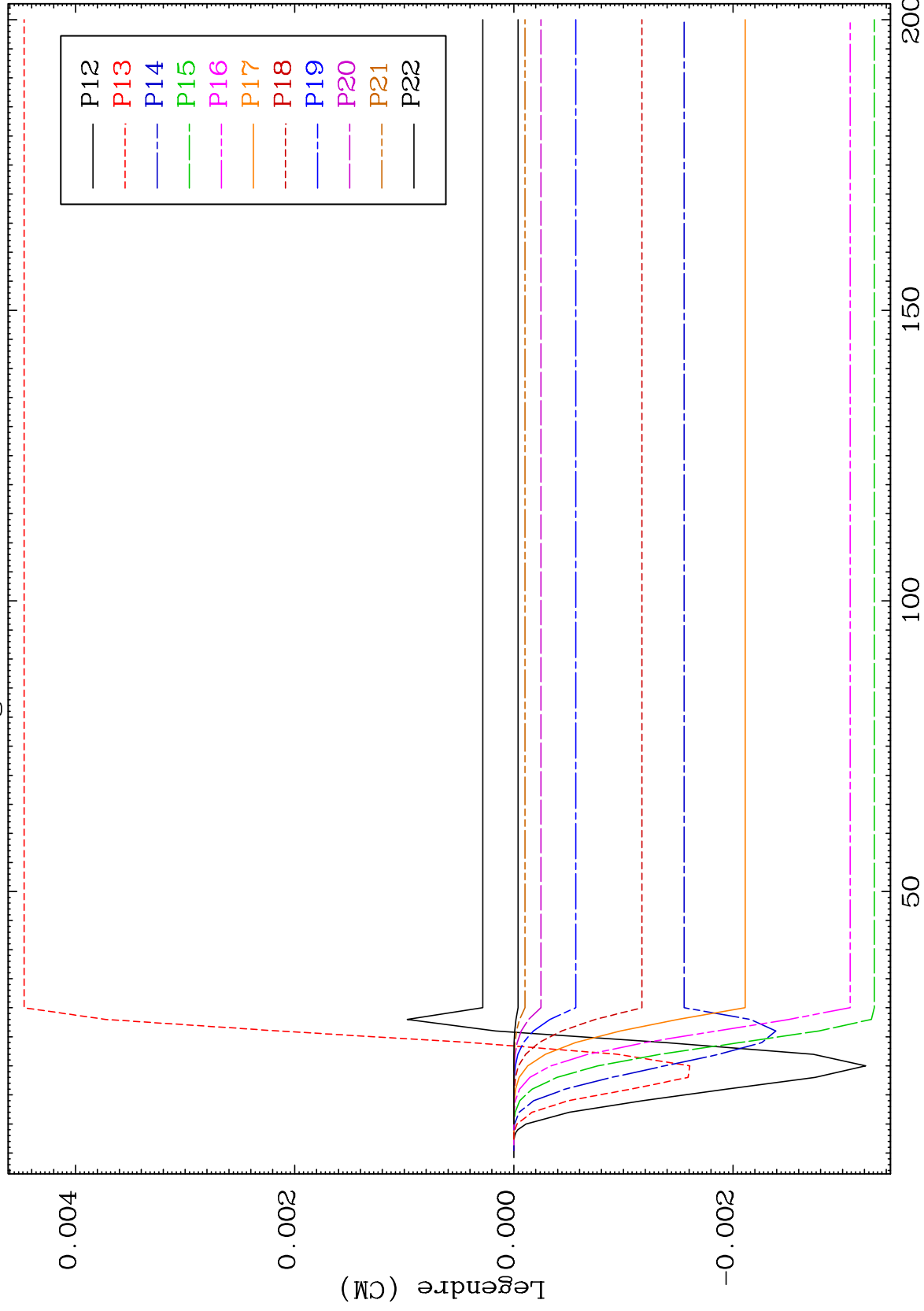




MAT 3243

2.921 MeV (n,n') Level
Legendre Coefficients

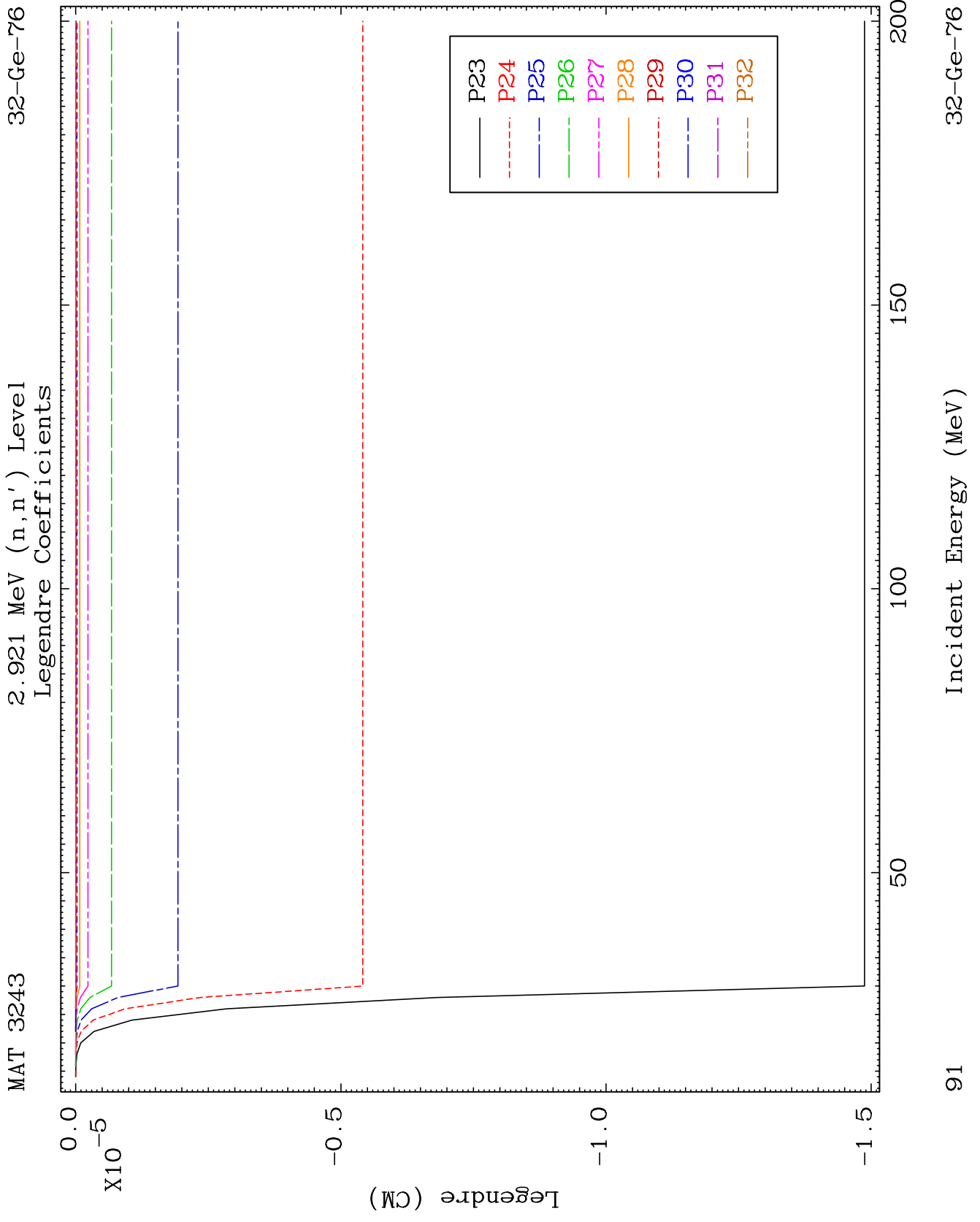
32-Ge-76



90

Incident Energy (MeV)

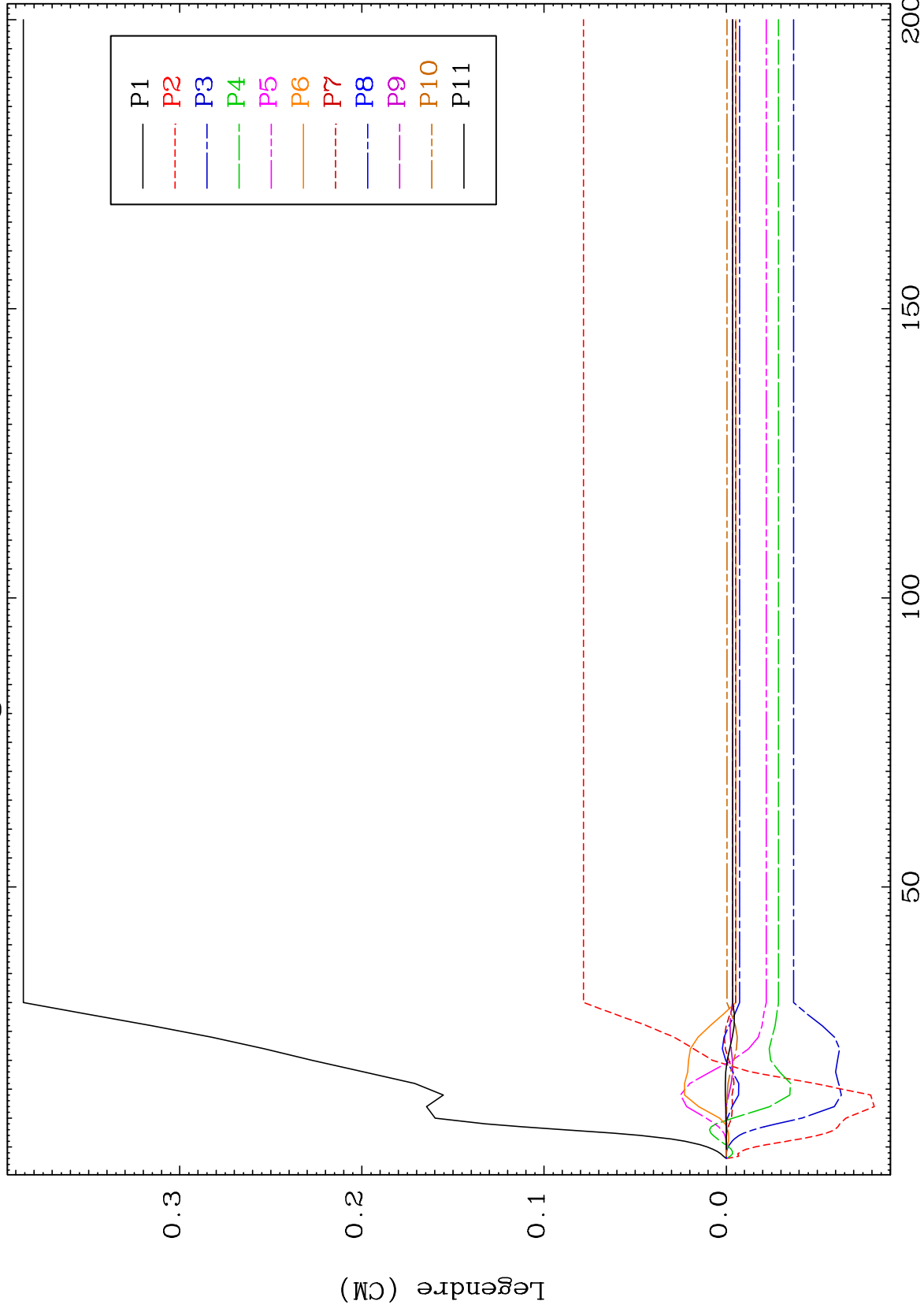
32-Ge-76



MAT 3243

2.962 MeV (n, n') Level
Legendre Coefficients

32-Ge-76



92

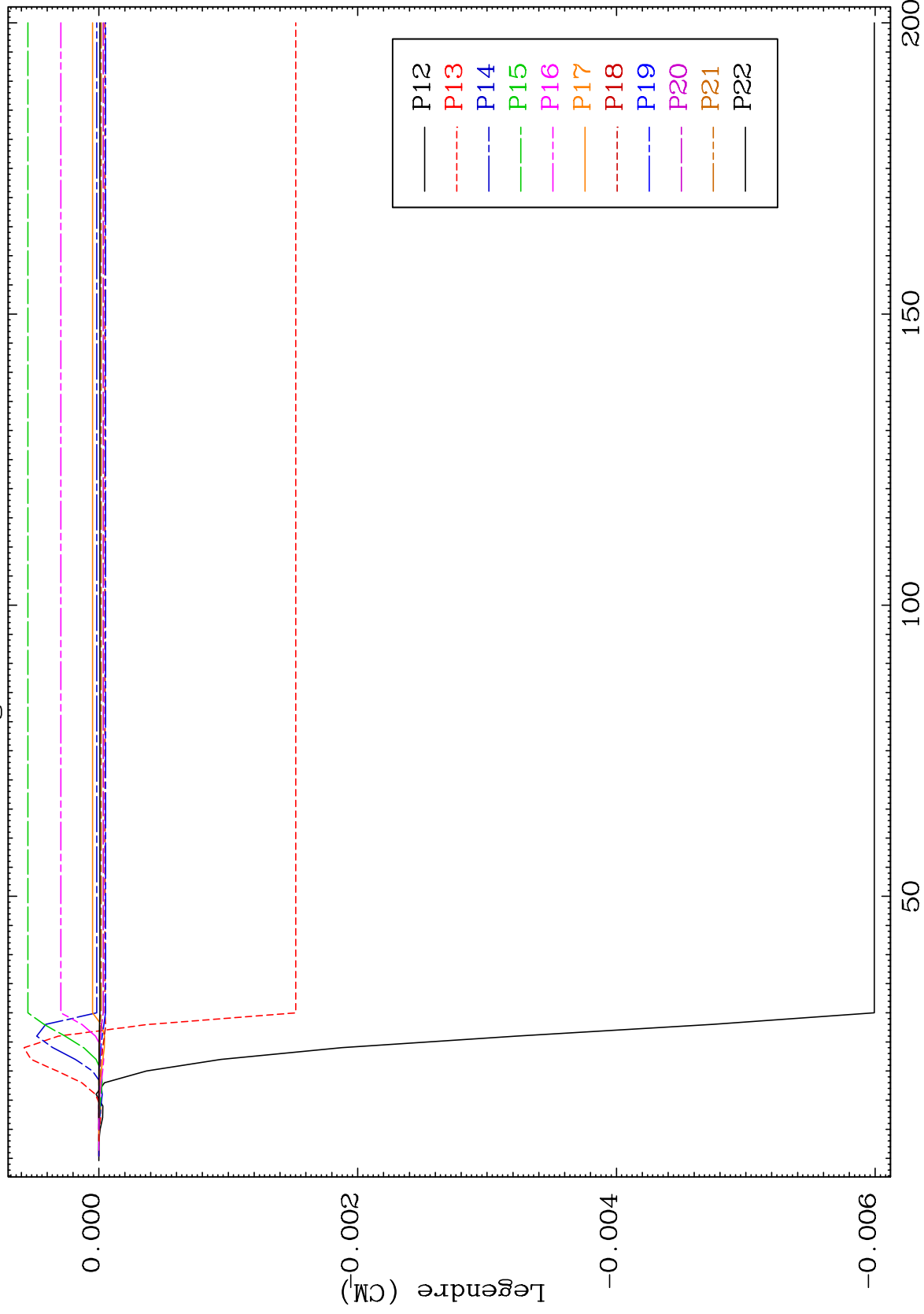
Incident Energy (MeV)

32-Ge-76

MAT 3243

2.962 MeV (n,n') Level
Legendre Coefficients

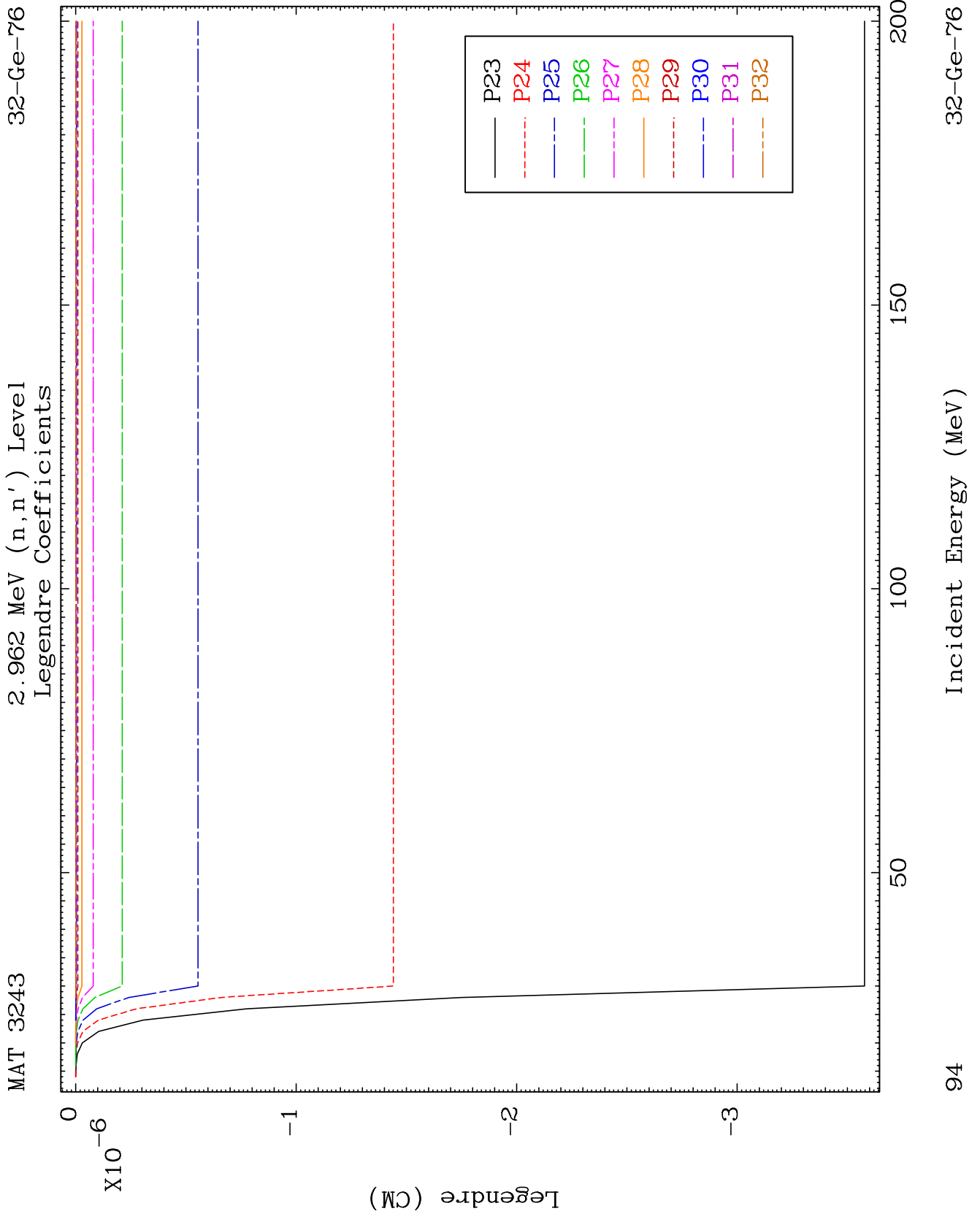
32-Ge-76

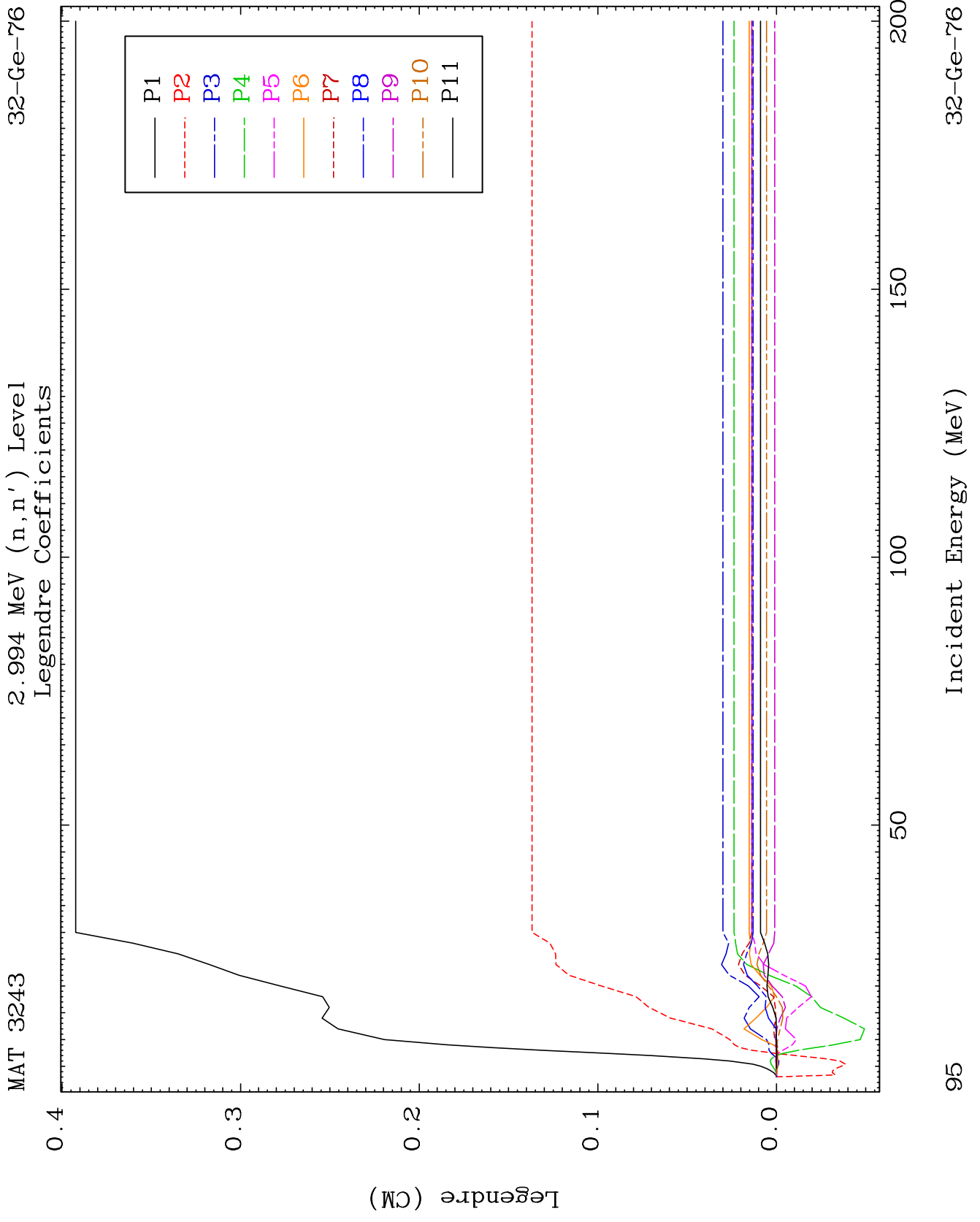


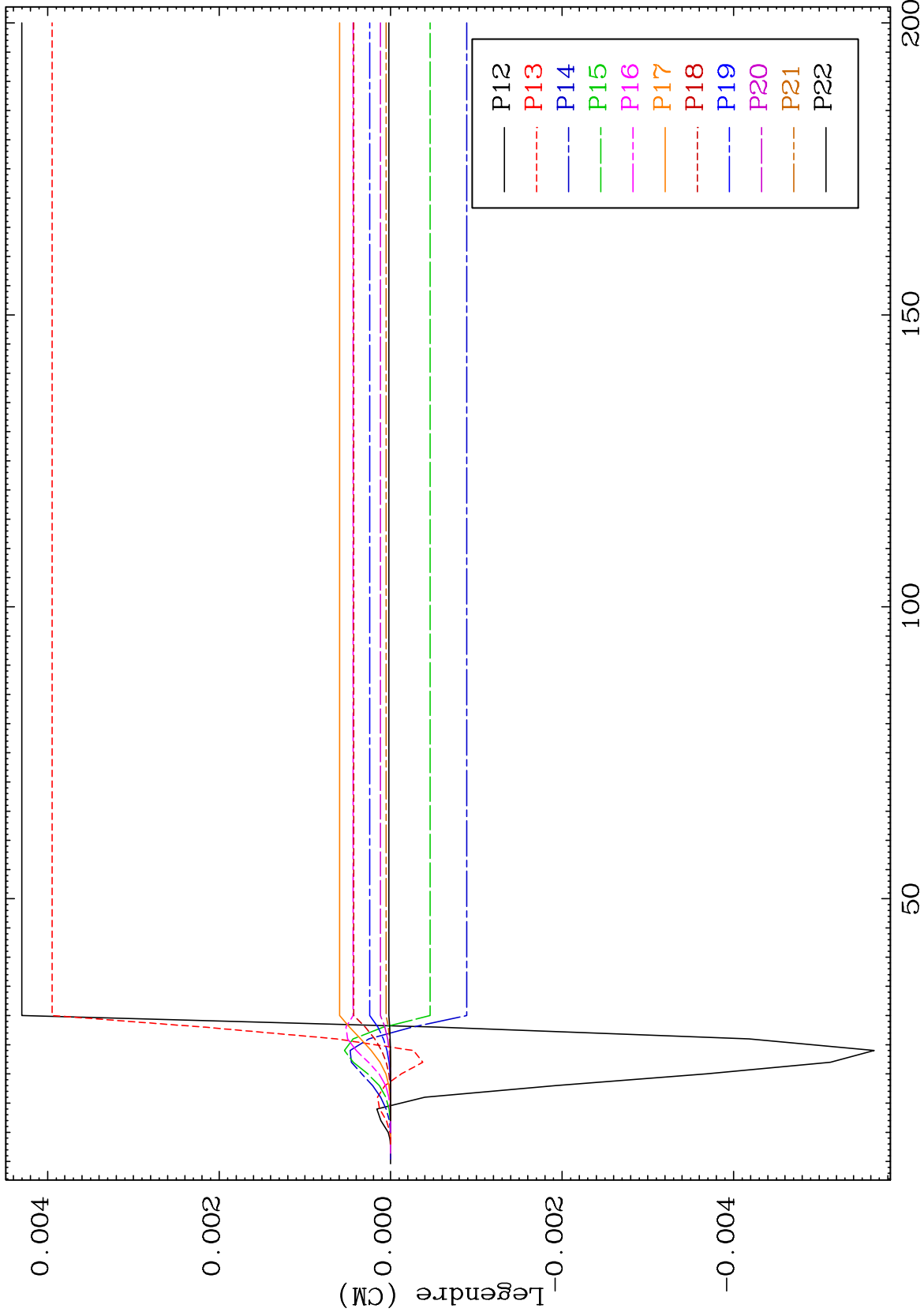
93

Incident Energy (MeV)

32-Ge-76



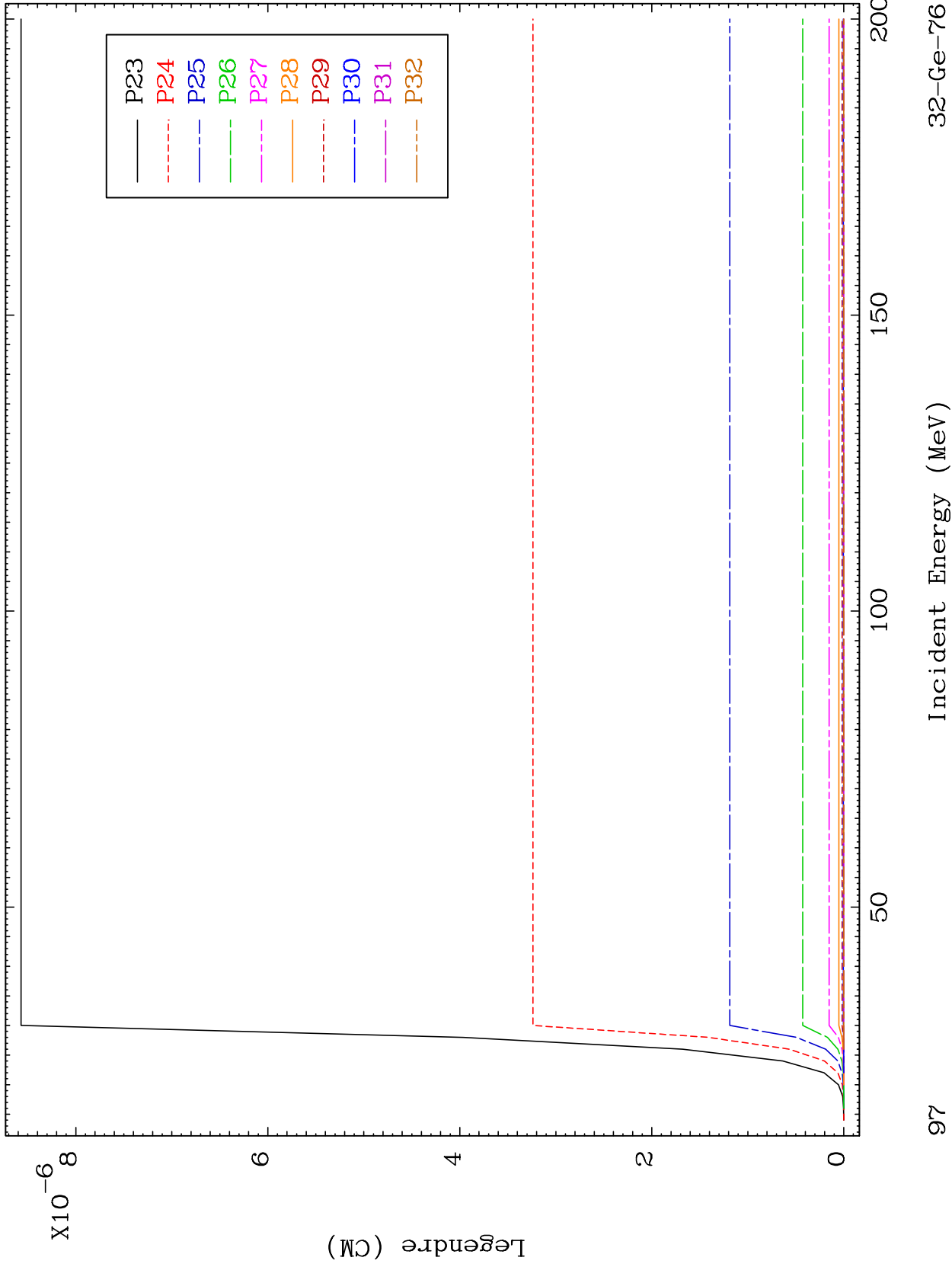




MAT 3243

2.994 MeV (n,n') Level
Legendre Coefficients

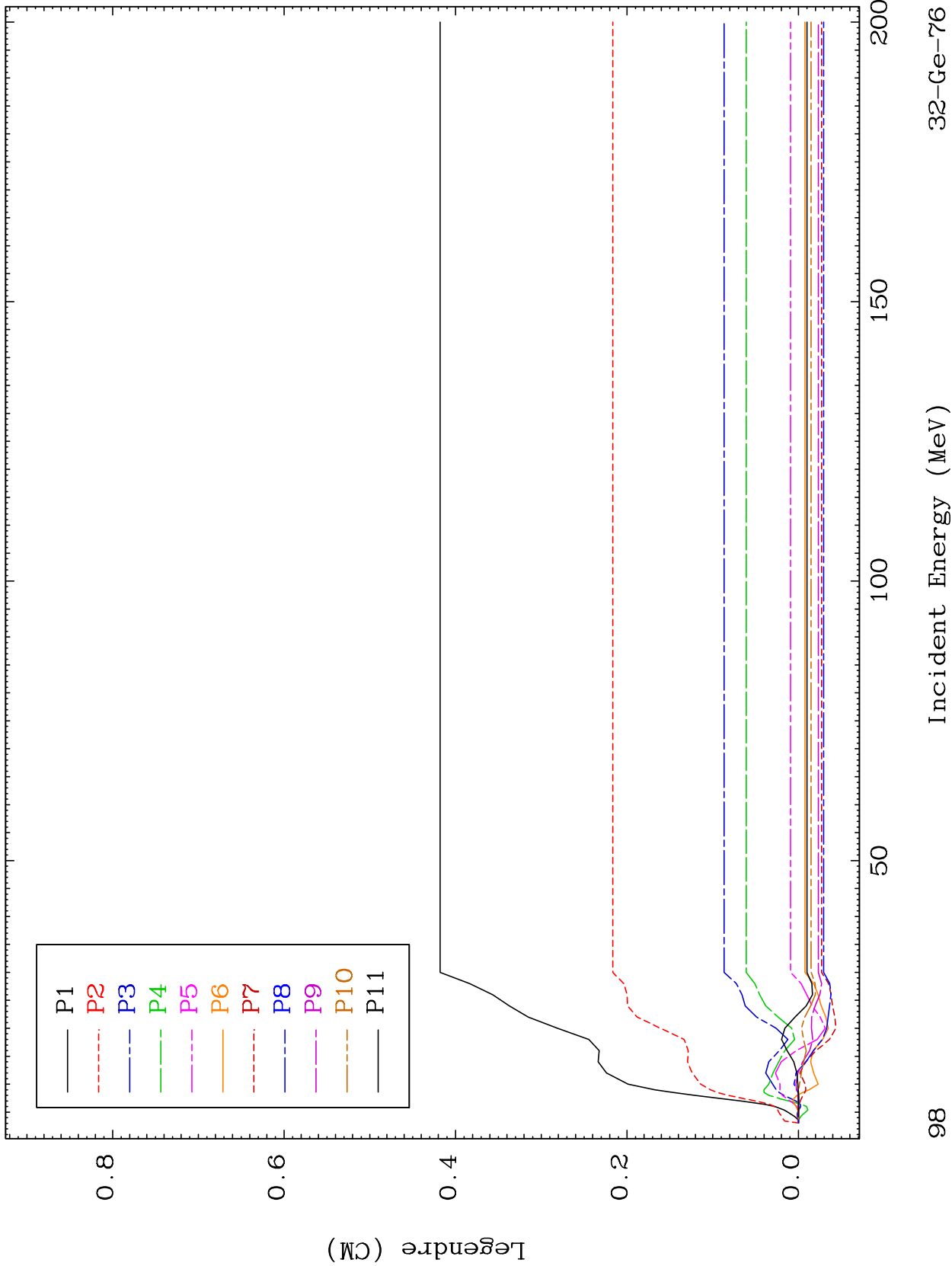
32-Ge-76

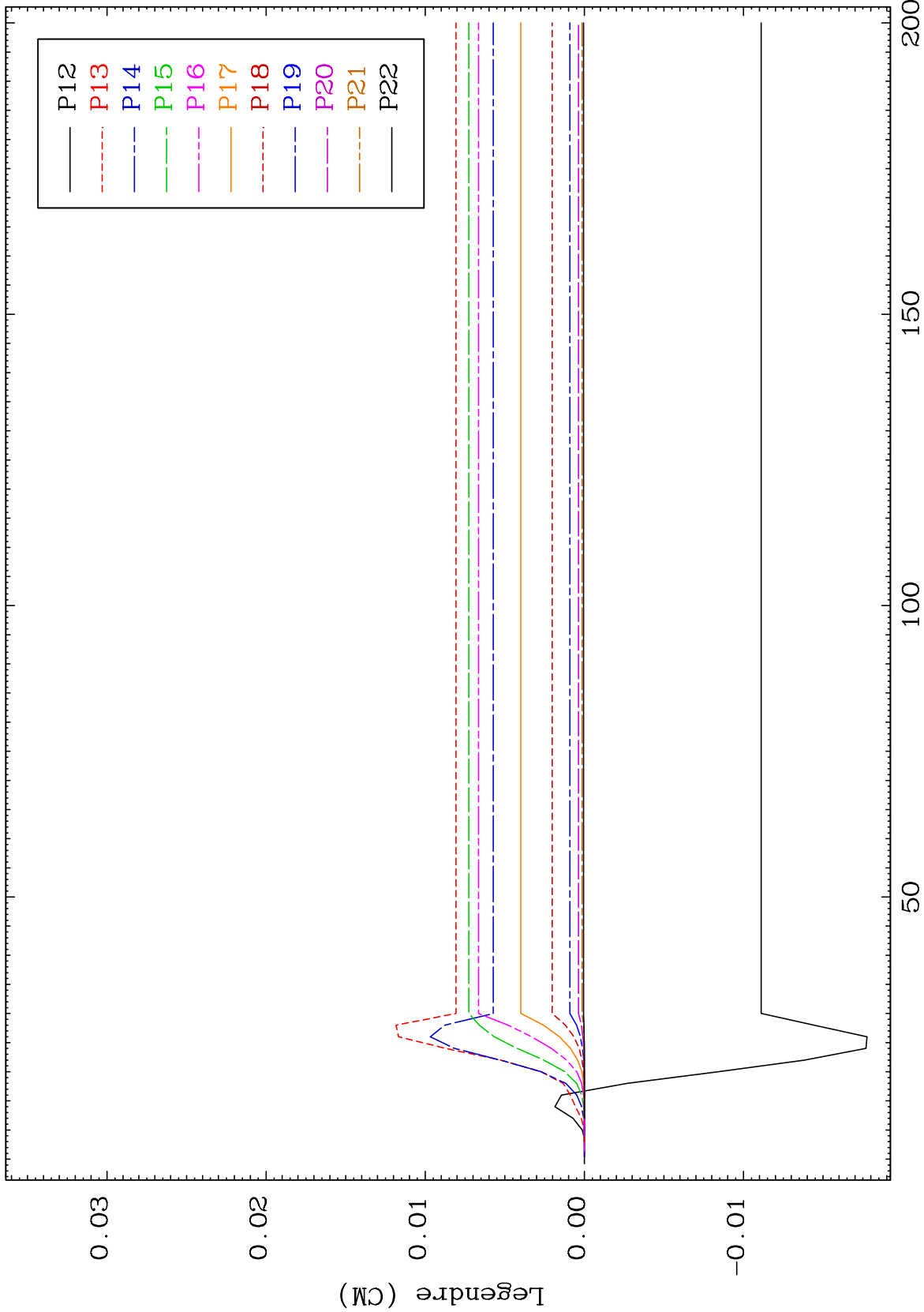


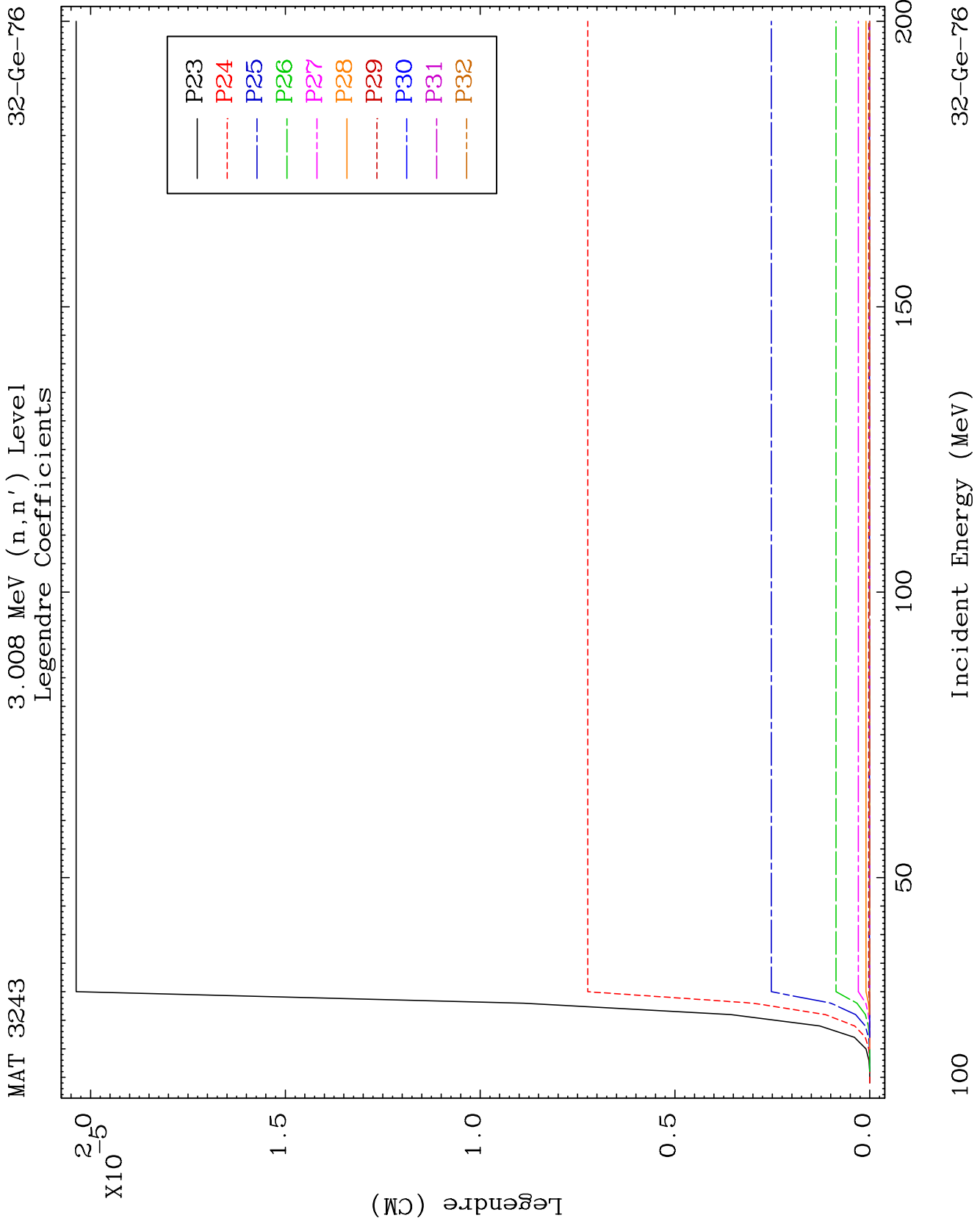
MAT 3243

3.008 MeV (n,n') Level
Legendre Coefficients

³²Ge-76



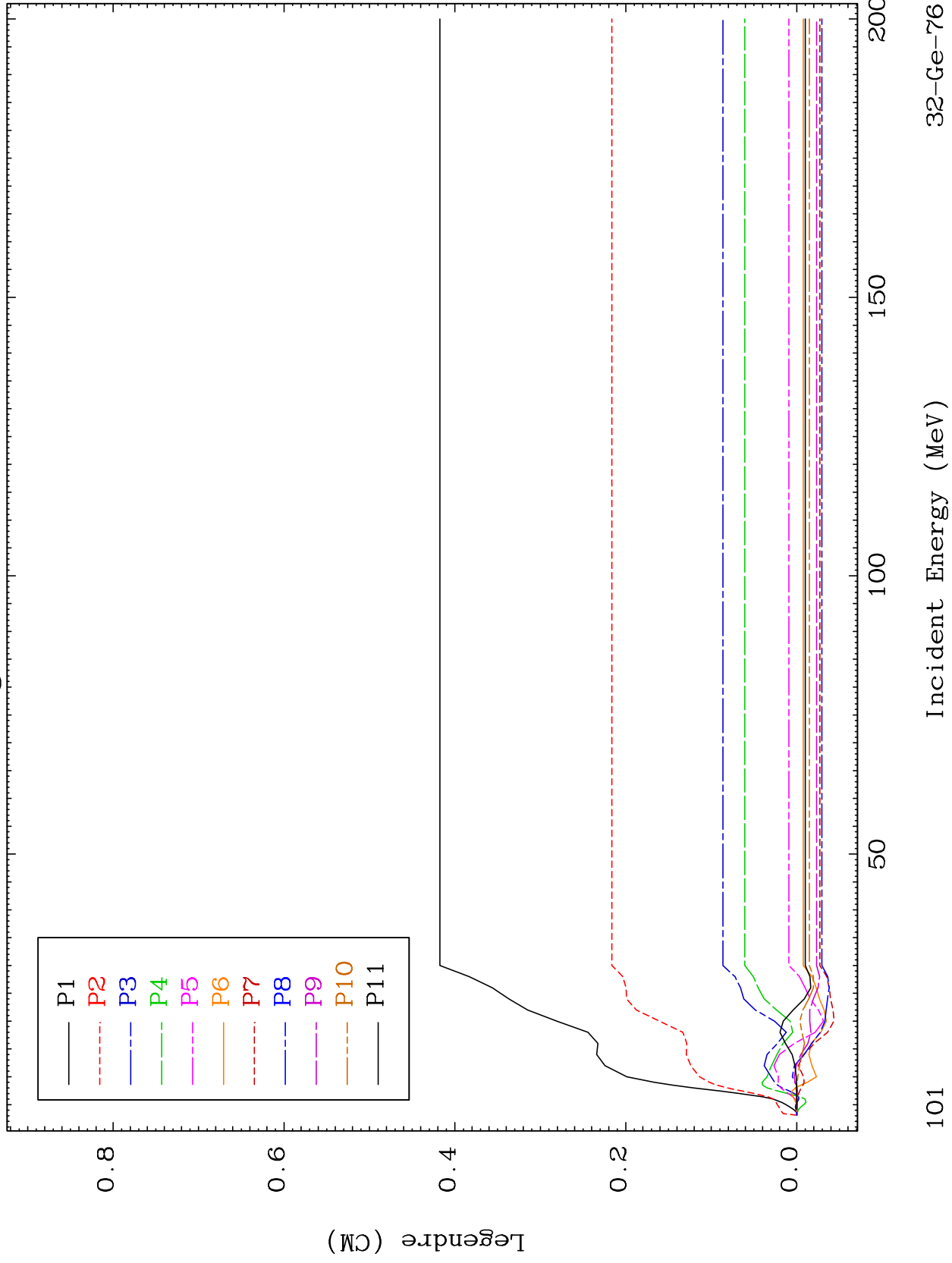




MAT 3243

3.041 MeV (n,n') Level
Legendre Coefficients

32-Ge-76



101

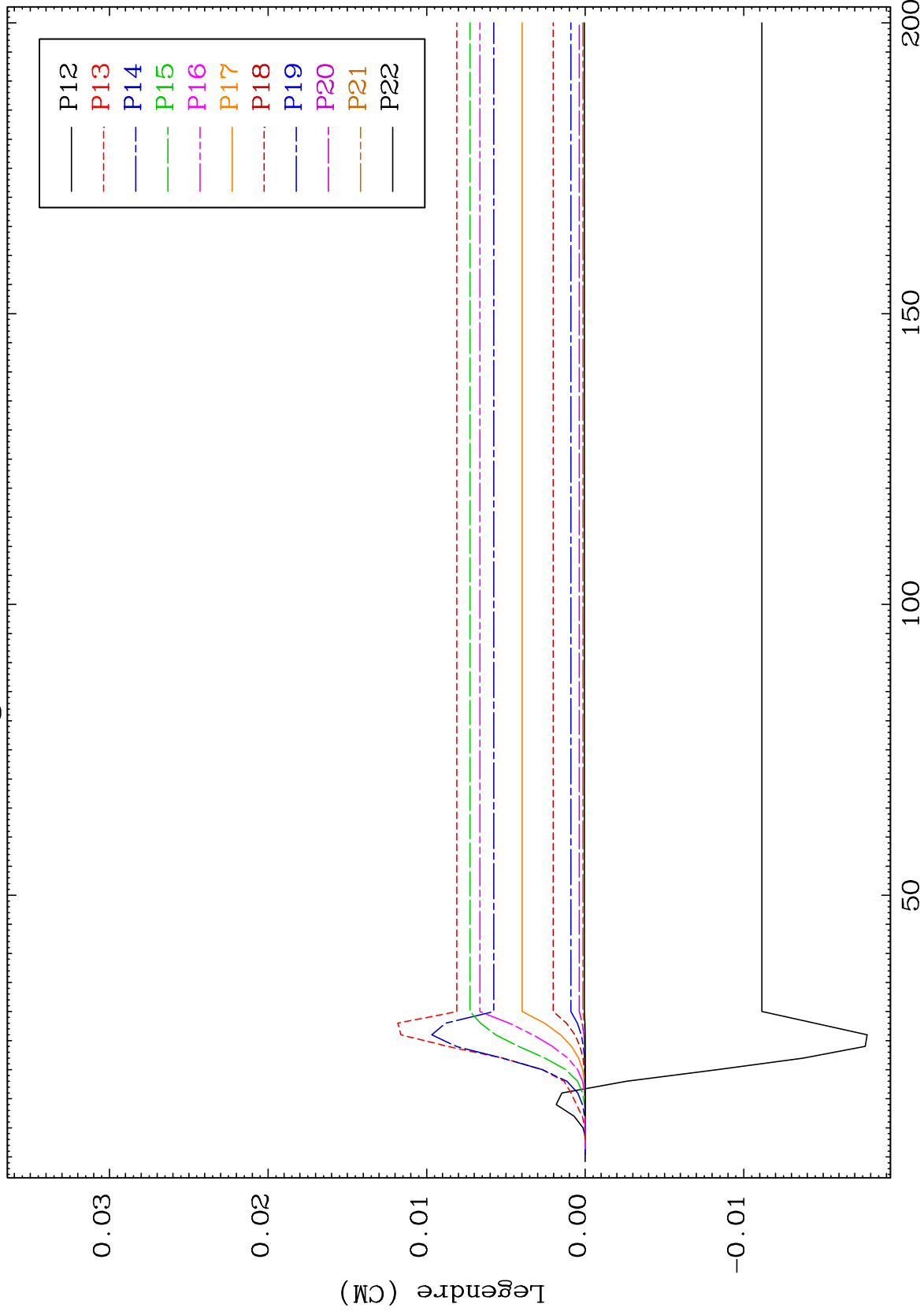
Incident Energy (MeV)

32-Ge-76

MAT 3243

3.041 MeV (n,n') Level
Legendre Coefficients

32-Ge-76



102

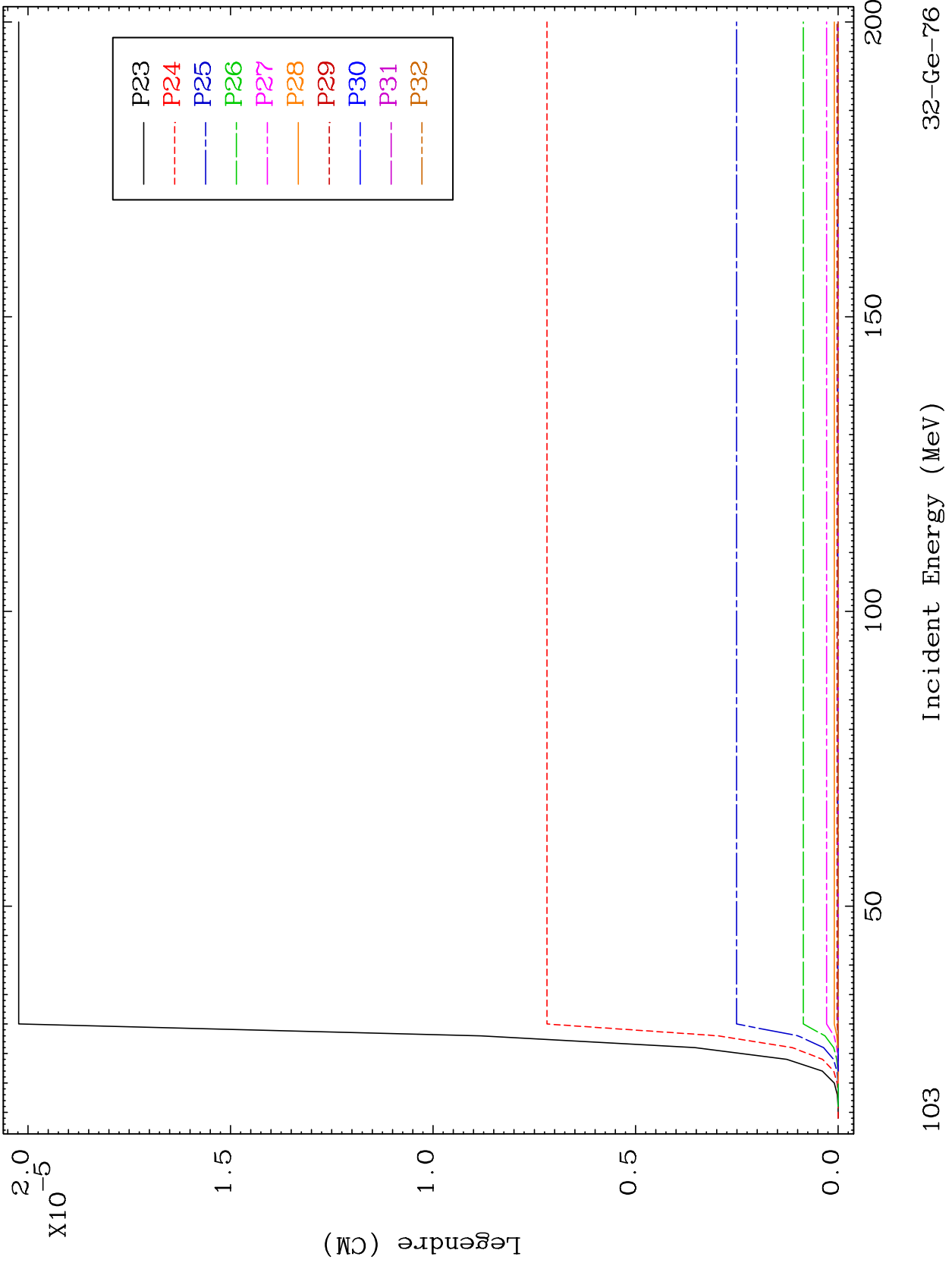
Incident Energy (MeV)

32-Ge-76

MAT 3243

3.041 MeV (n,n') Level
Legendre Coefficients

32-Ge-76



32-Ge-76

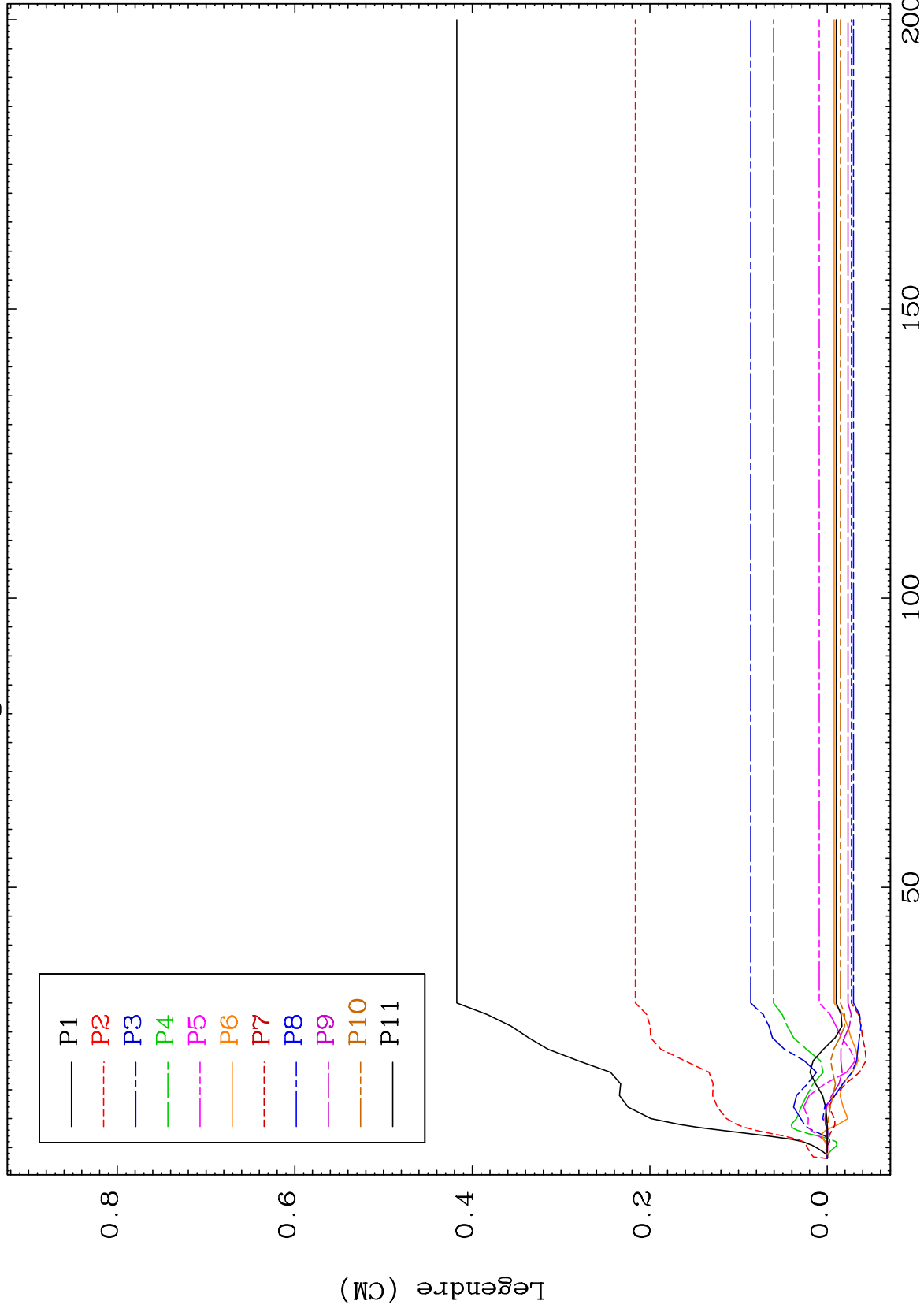
Incident Energy (MeV)

103

MAT 3243

3.052 MeV (n,n') Level
Legendre Coefficients

32-Ge-76



104

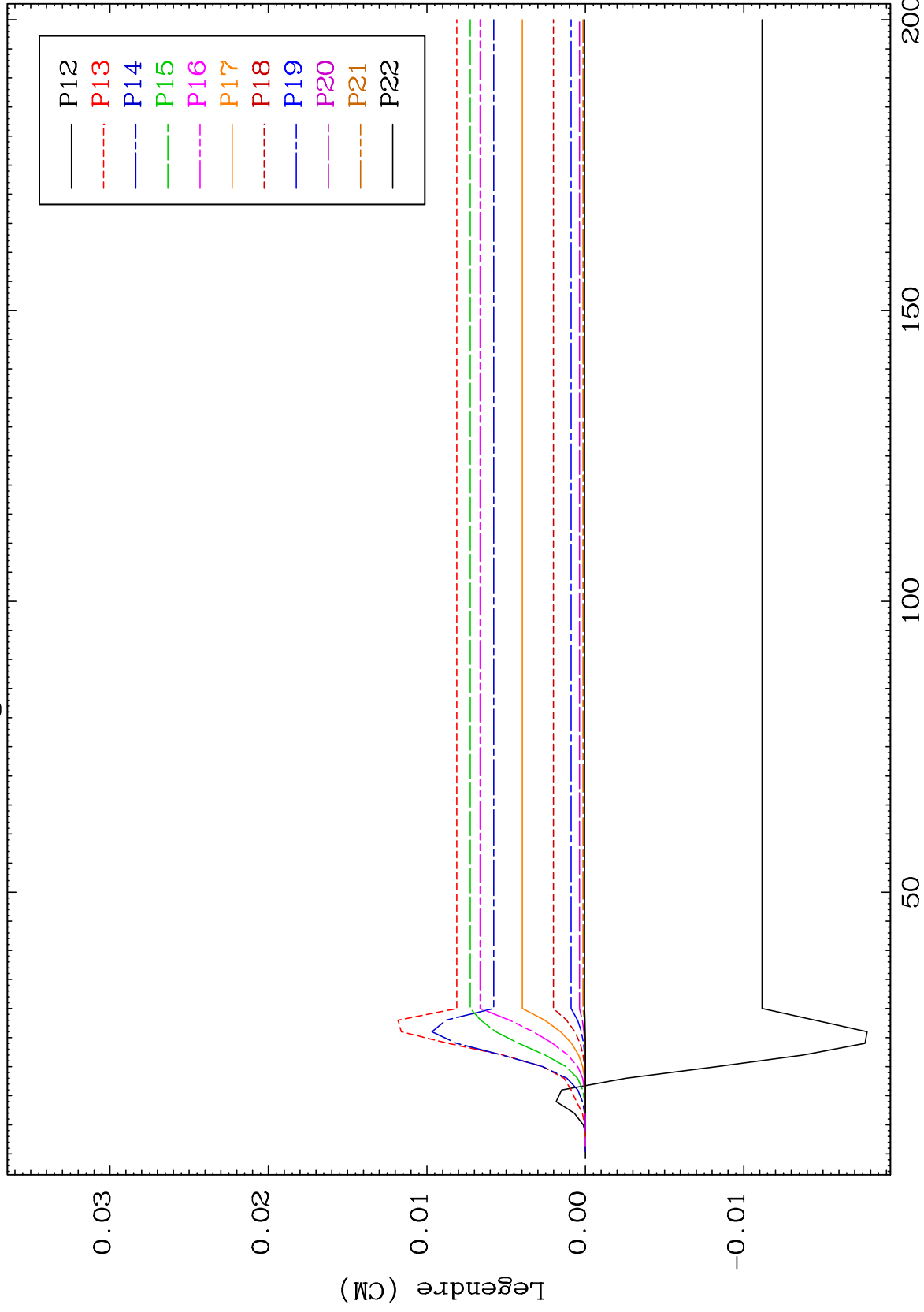
Incident Energy (MeV)

32-Ge-76

MAT 3243

3.052 MeV (n,n') Level
Legendre Coefficients

32-Ge-76



105

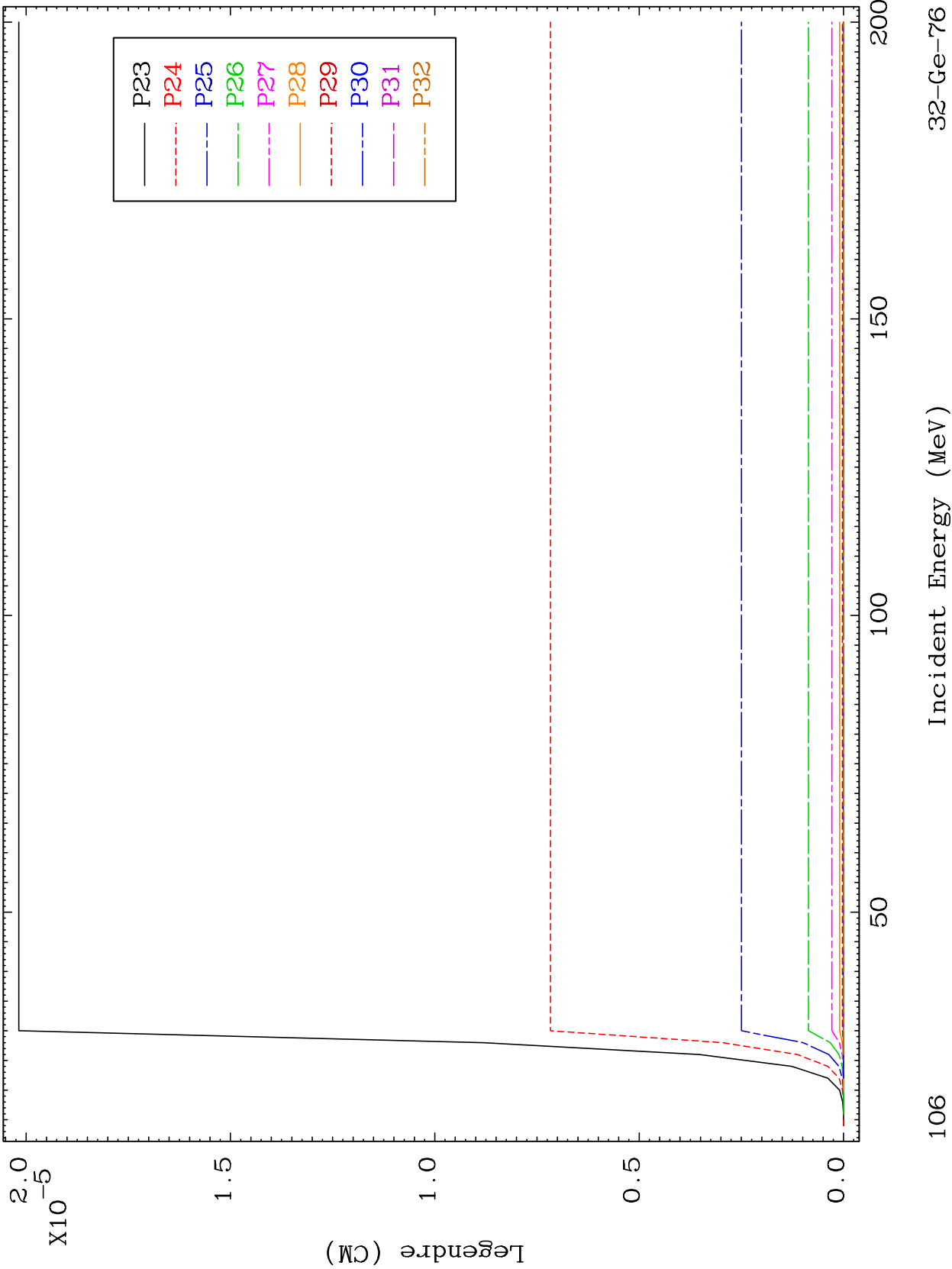
Incident Energy (MeV)

32-Ge-76

MAT 3243

3.052 MeV (n, n') Level
Legendre Coefficients

32-Ge-76



106

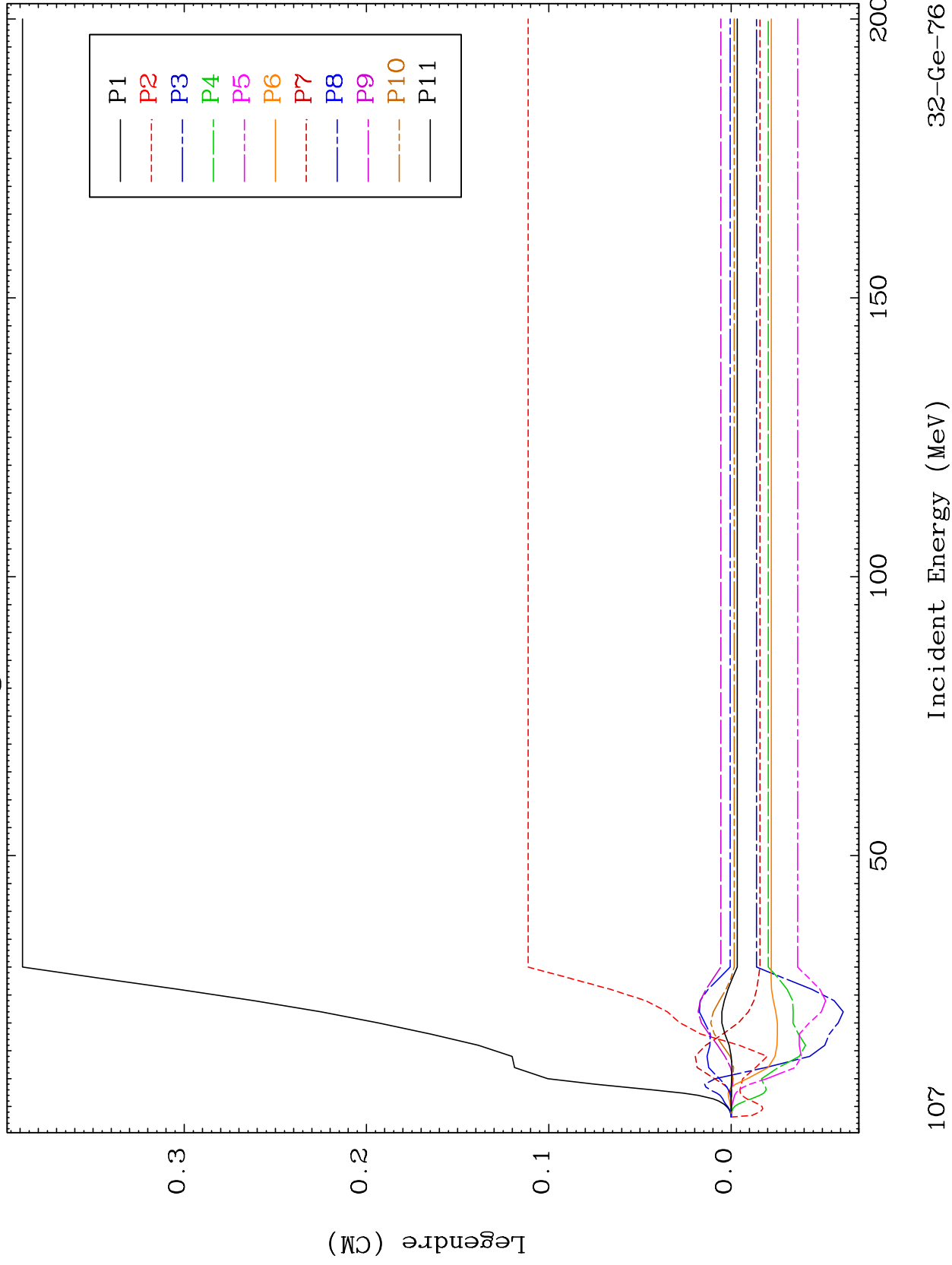
Incident Energy (MeV)

32-Ge-76

MAT 3243

3.071 MeV (n,n') Level
Legendre Coefficients

32-Ge-76



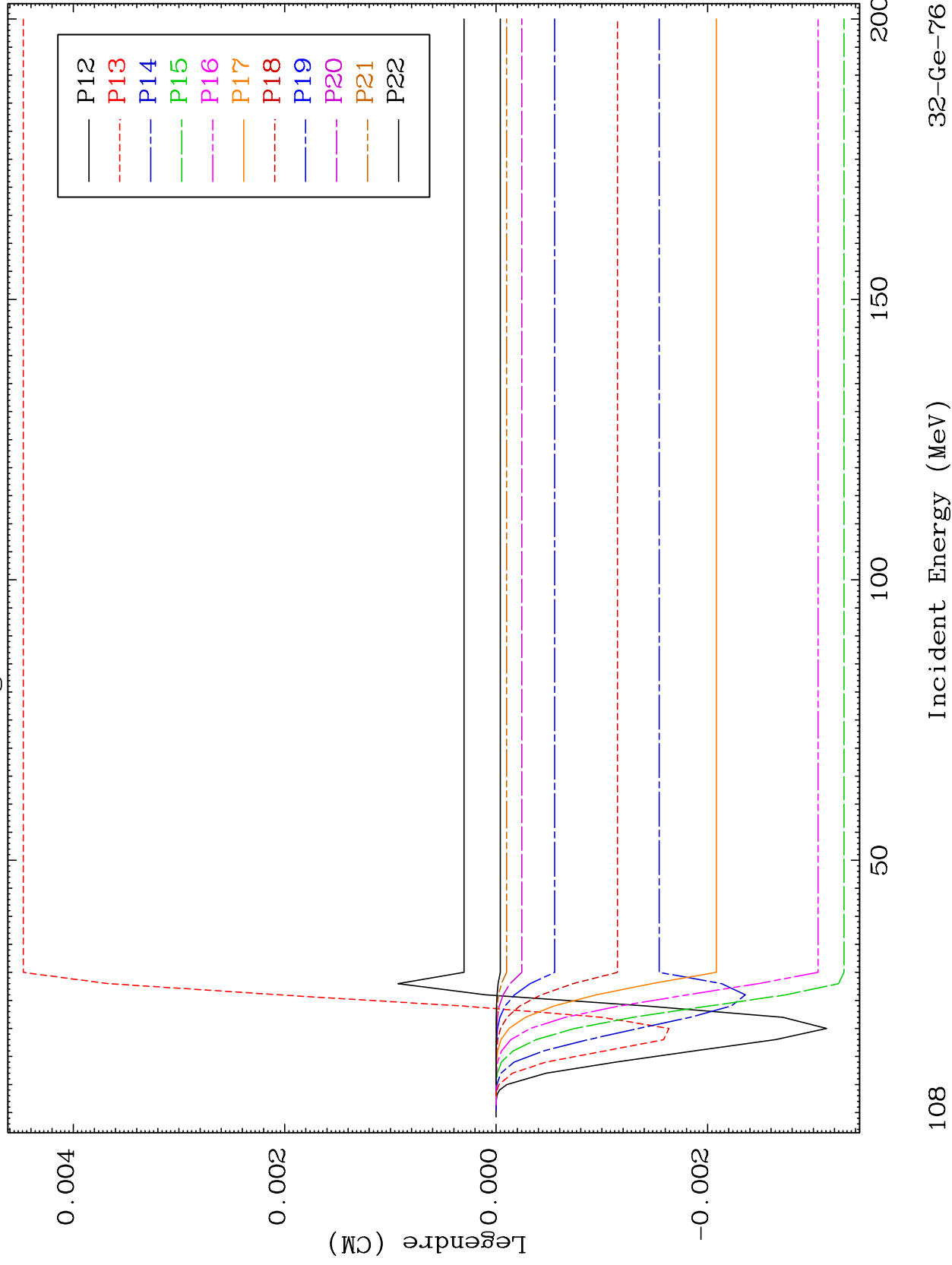
107

32-Ge-76

MAT 3243

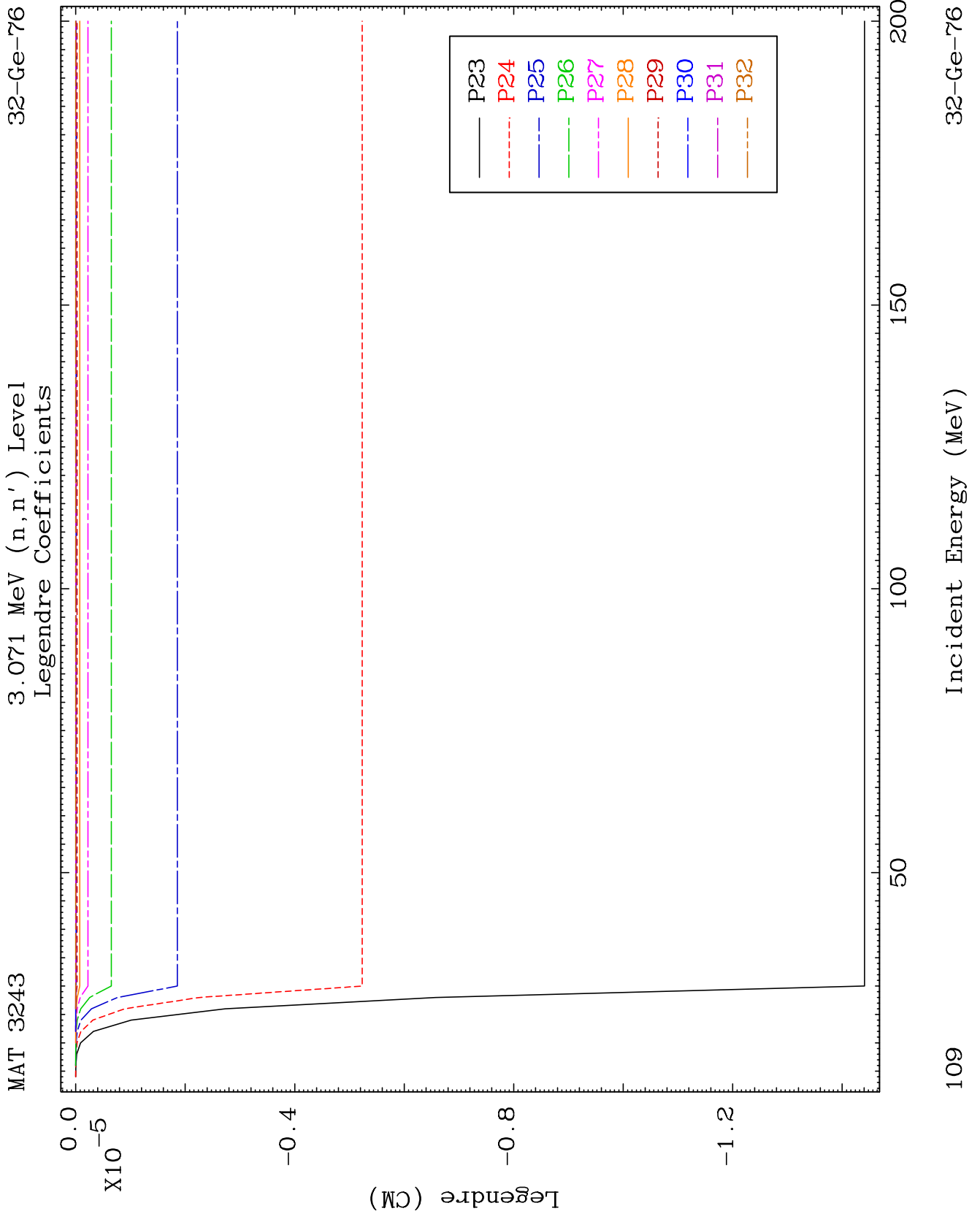
3.071 MeV (n,n') Level
Legendre Coefficients

32-Ge-76



108

32-Ge-76

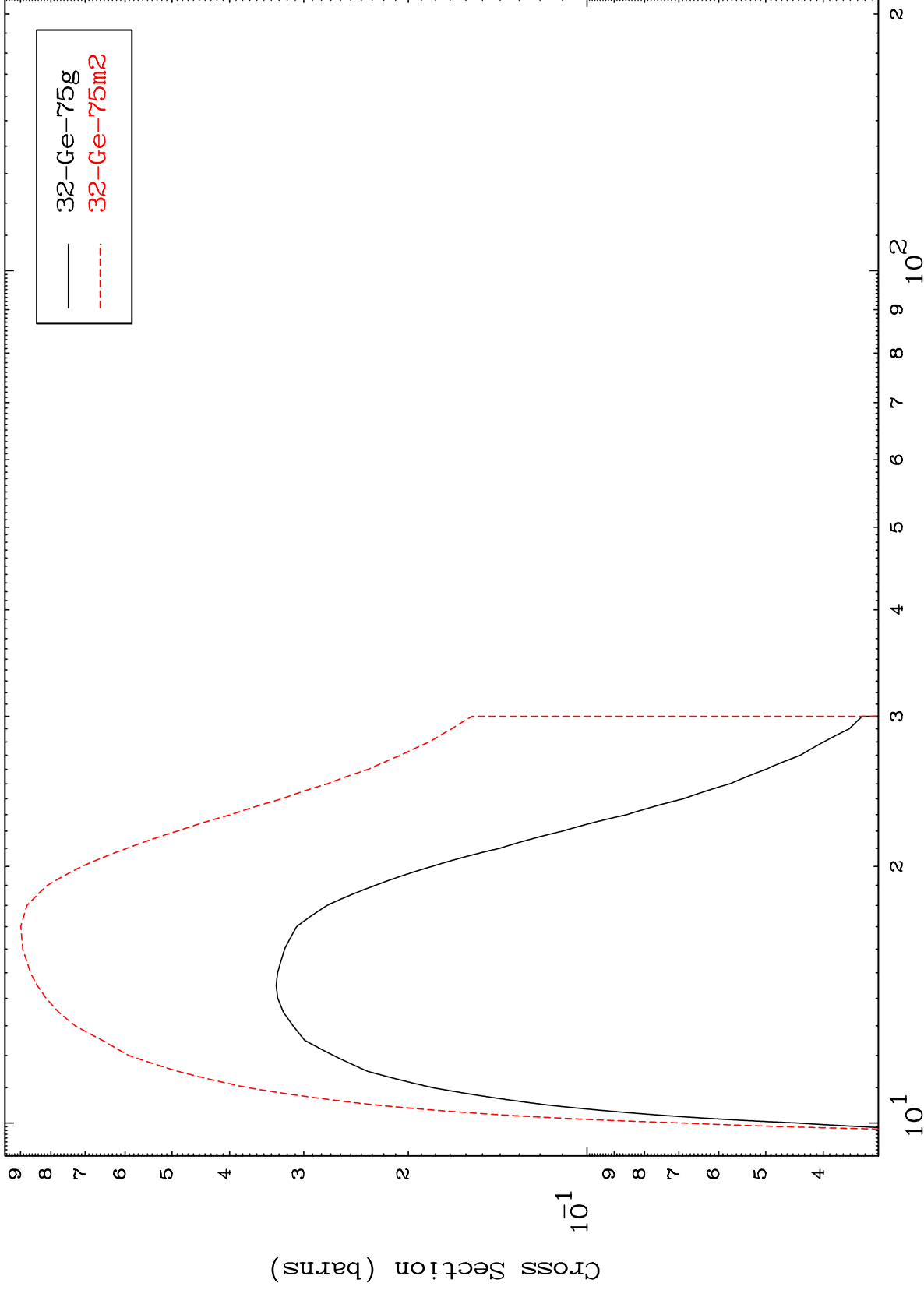


MAT 3243

(n,2n)

³²Ge-76

Radionuclide Production Cross Section



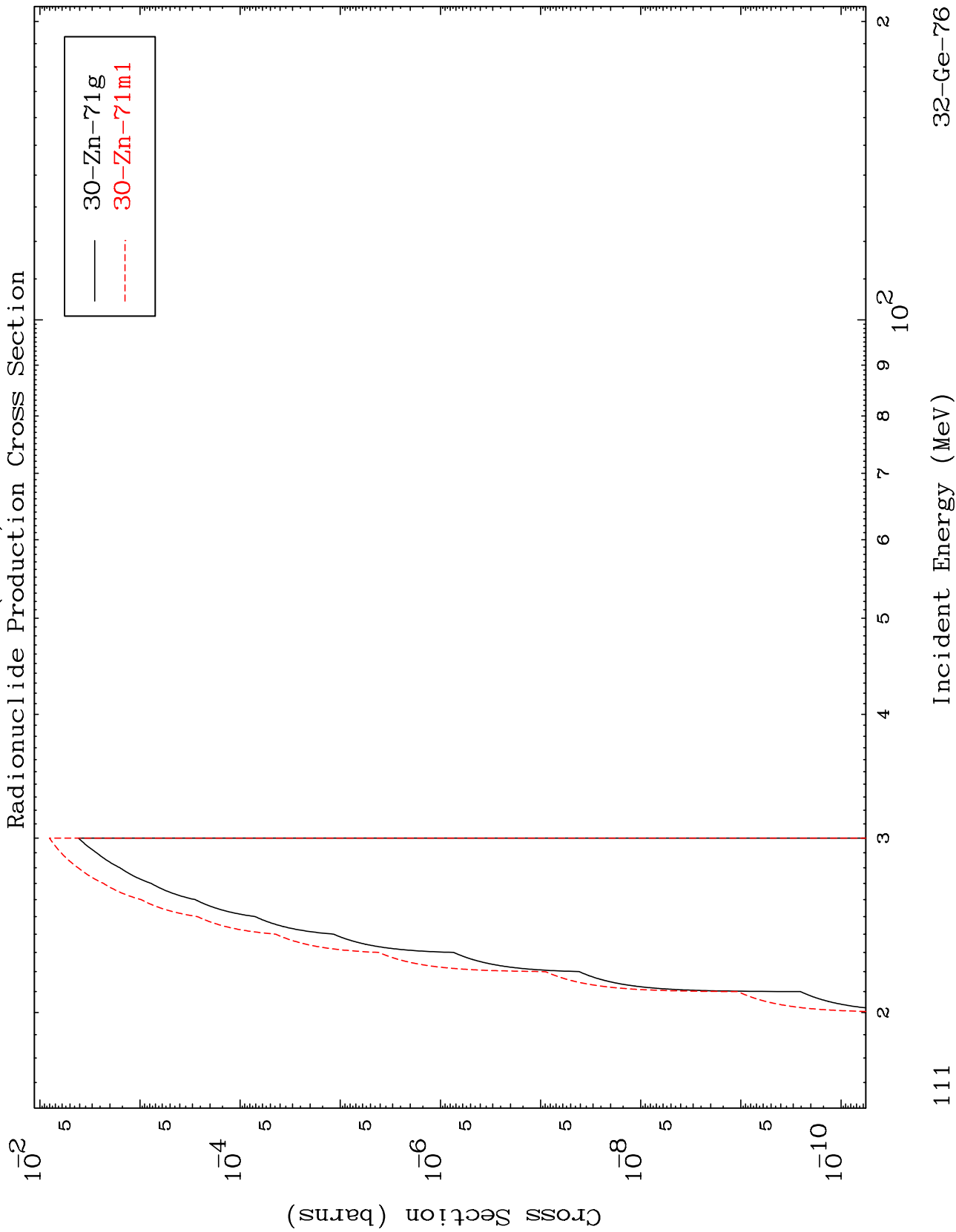
Incident Energy (MeV)

³²Ge-76

MAT 3243

(n,2n) α

32-Ge-76

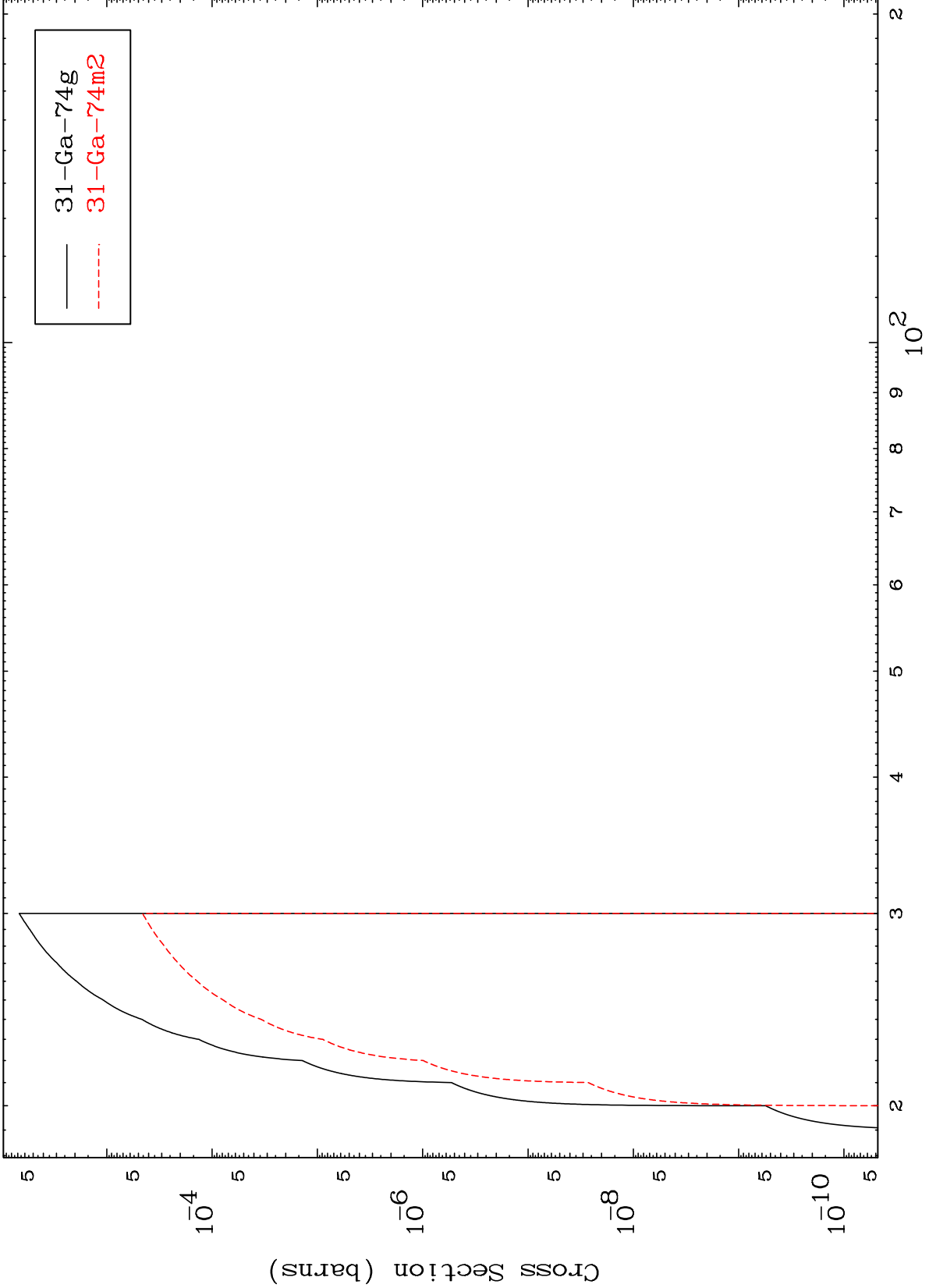


111

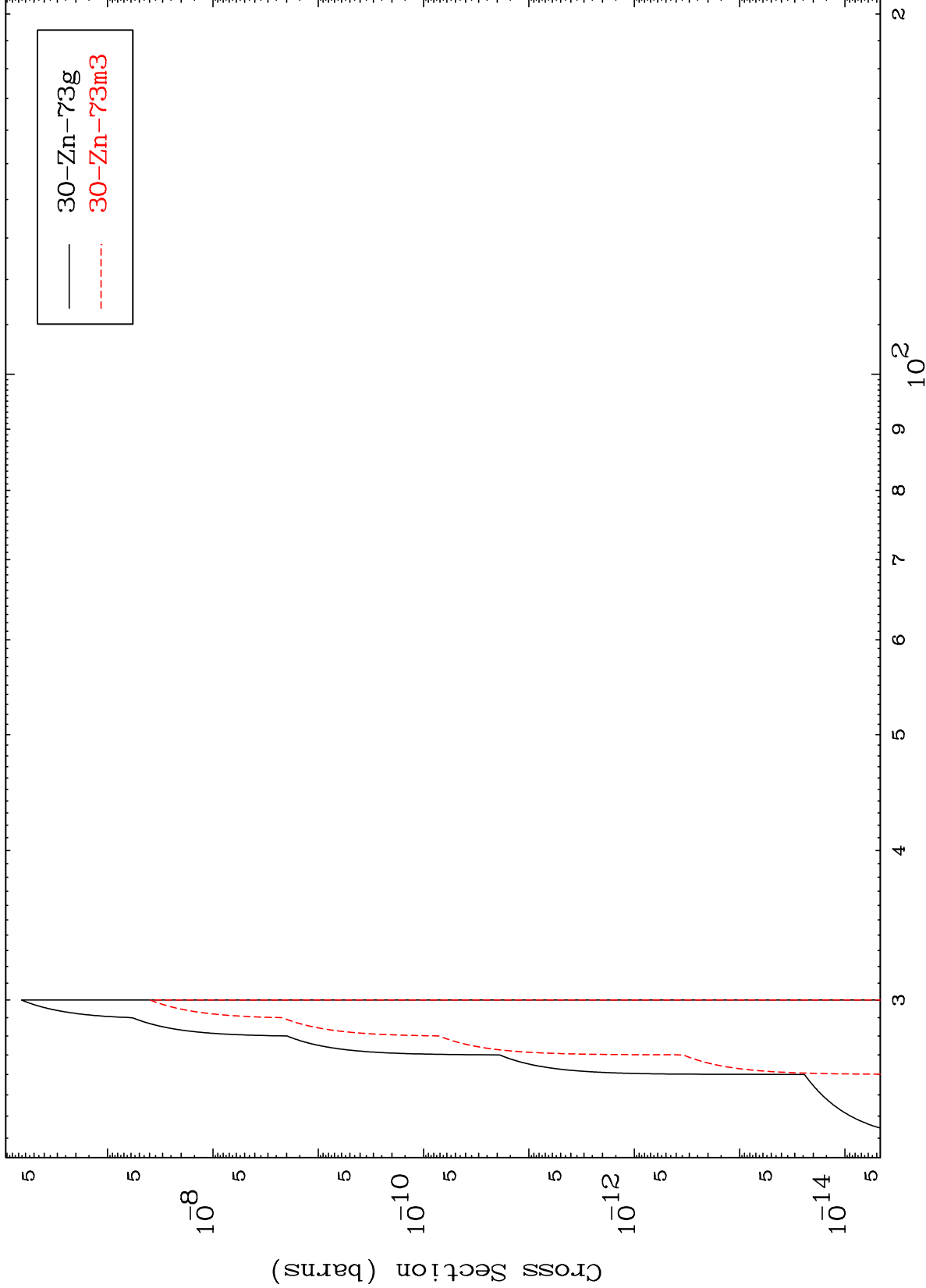
Incident Energy (MeV)

32-Ge-76

Radionuclide Production Cross Section



Radionuclide Production Cross Section



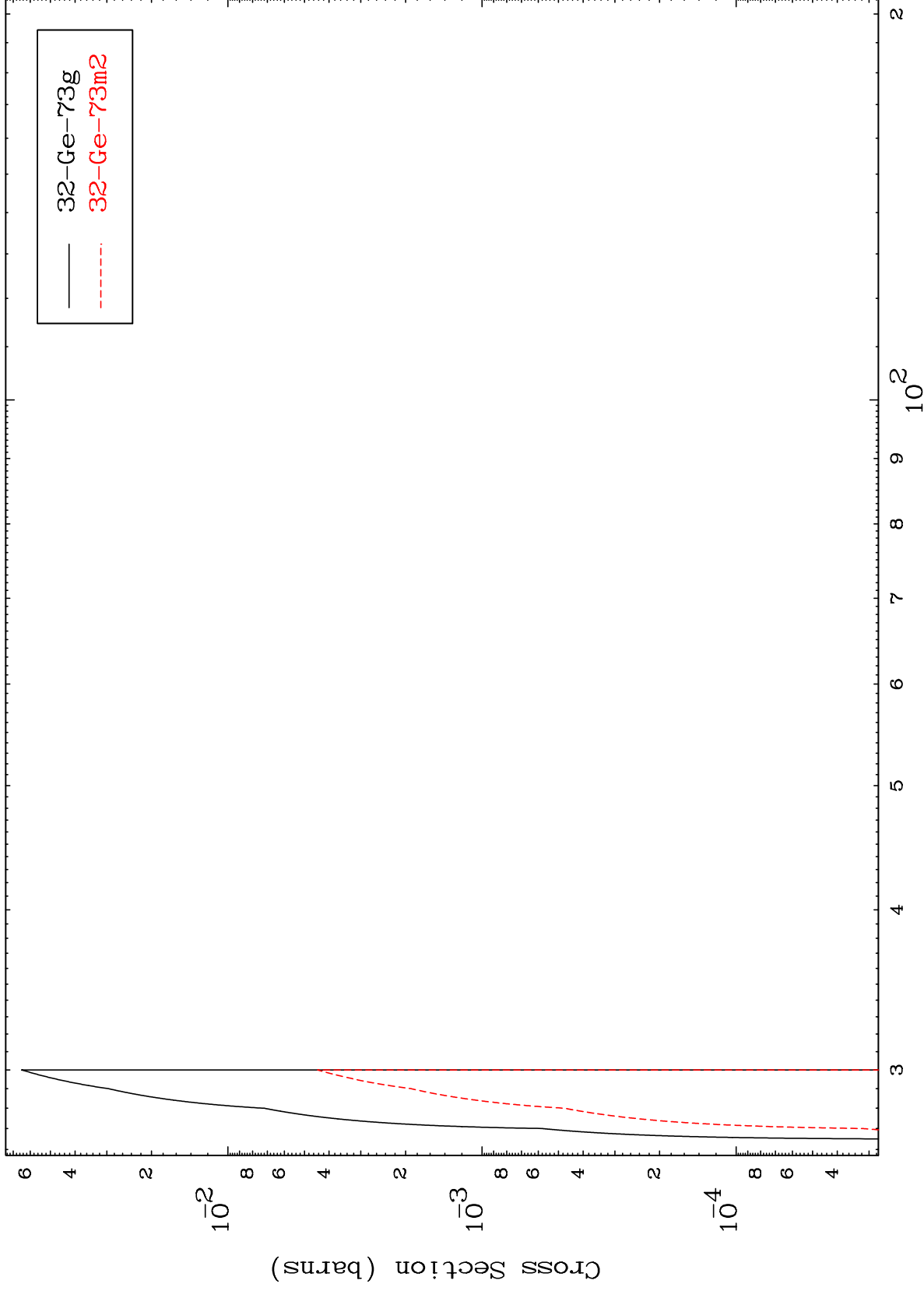
30-Zn-73g
30-Zn-73m3

MAT 3243

(n,4n)

³²Ge-76

Radionuclide Production Cross Section



114

Incident Energy (MeV)

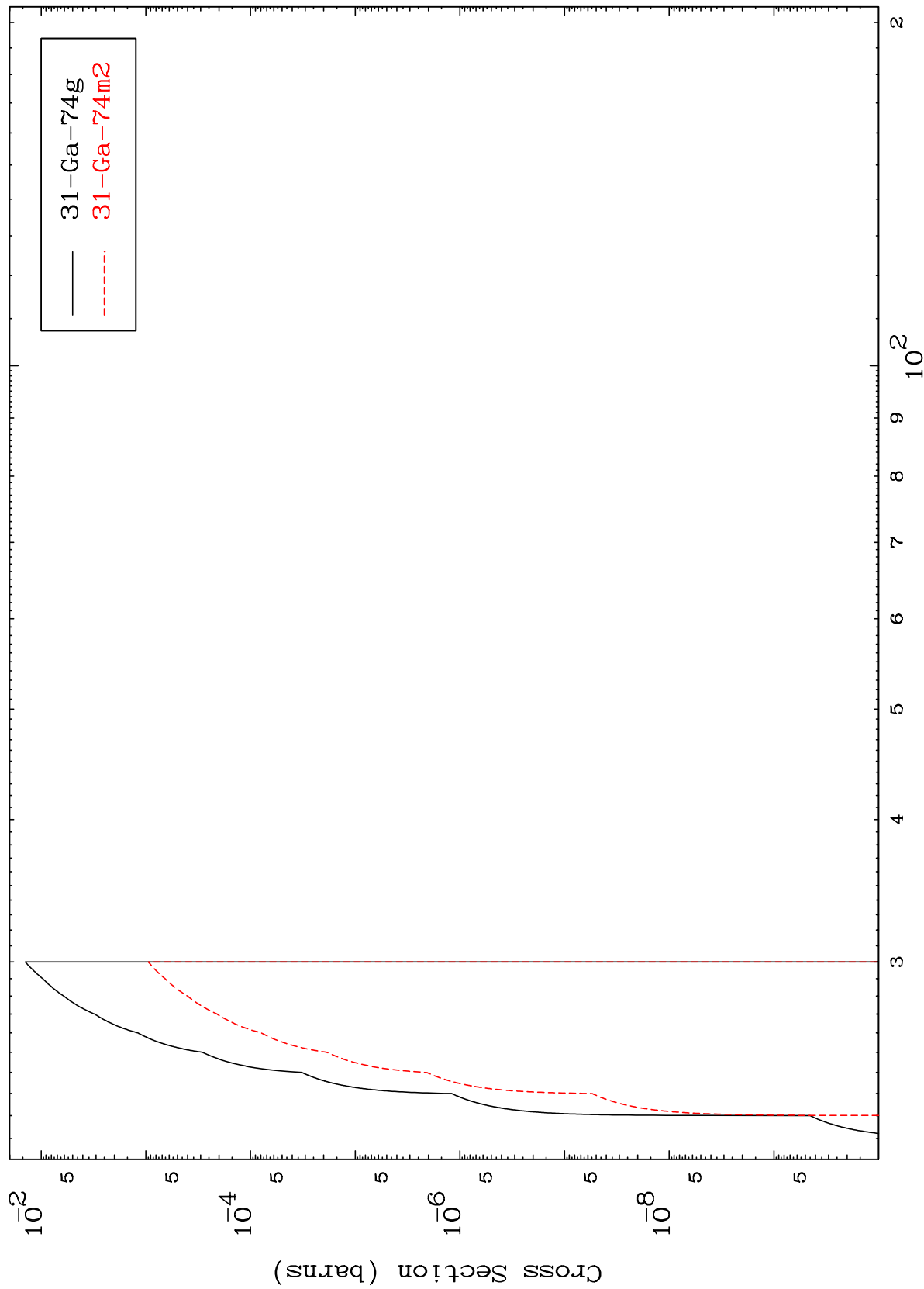
³²Ge-76

MAT 3243

(n,2n) p

32-Ge-76

Radionuclide Production Cross Section



115

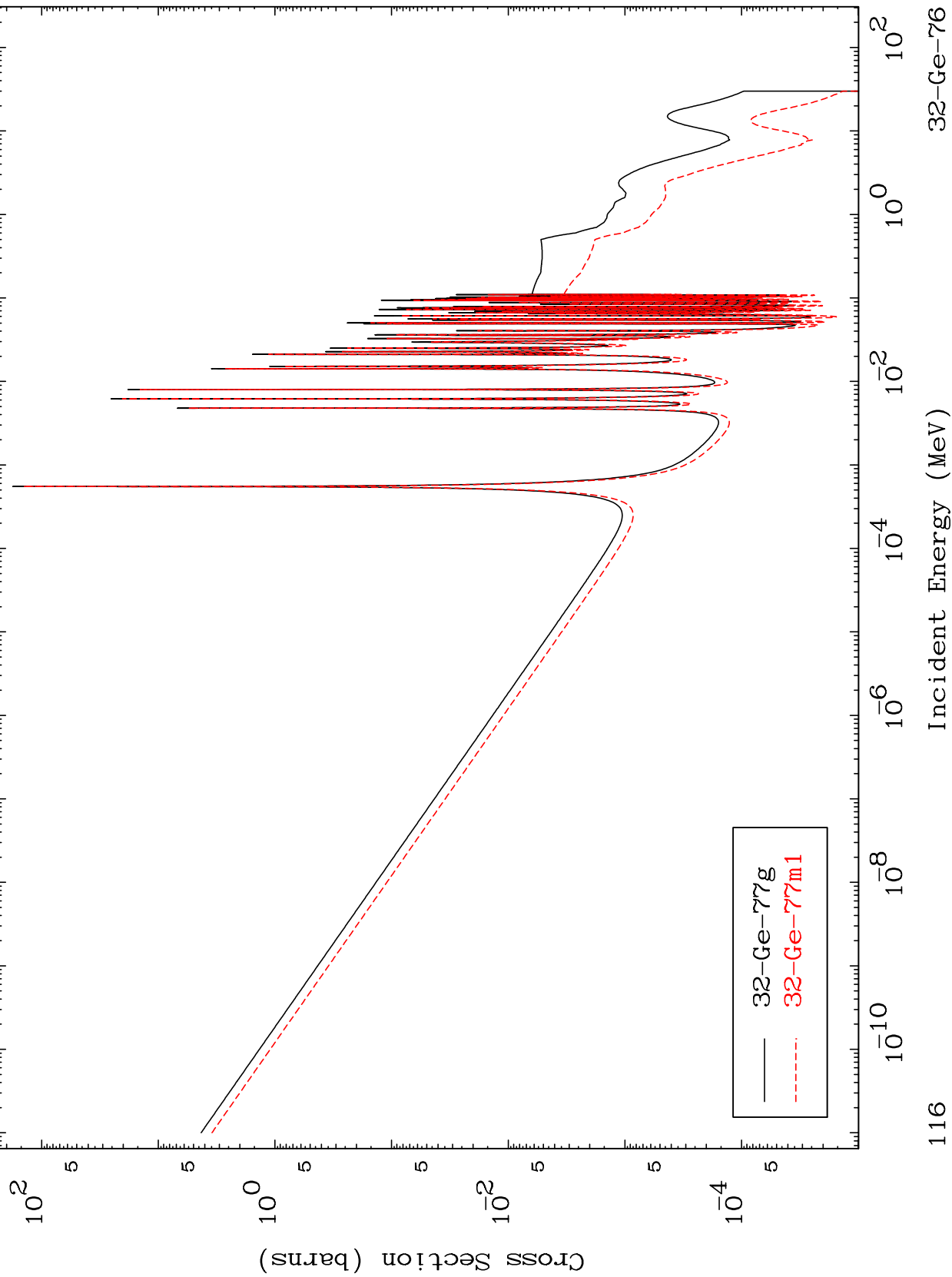
Incident Energy (MeV)

32-Ge-76

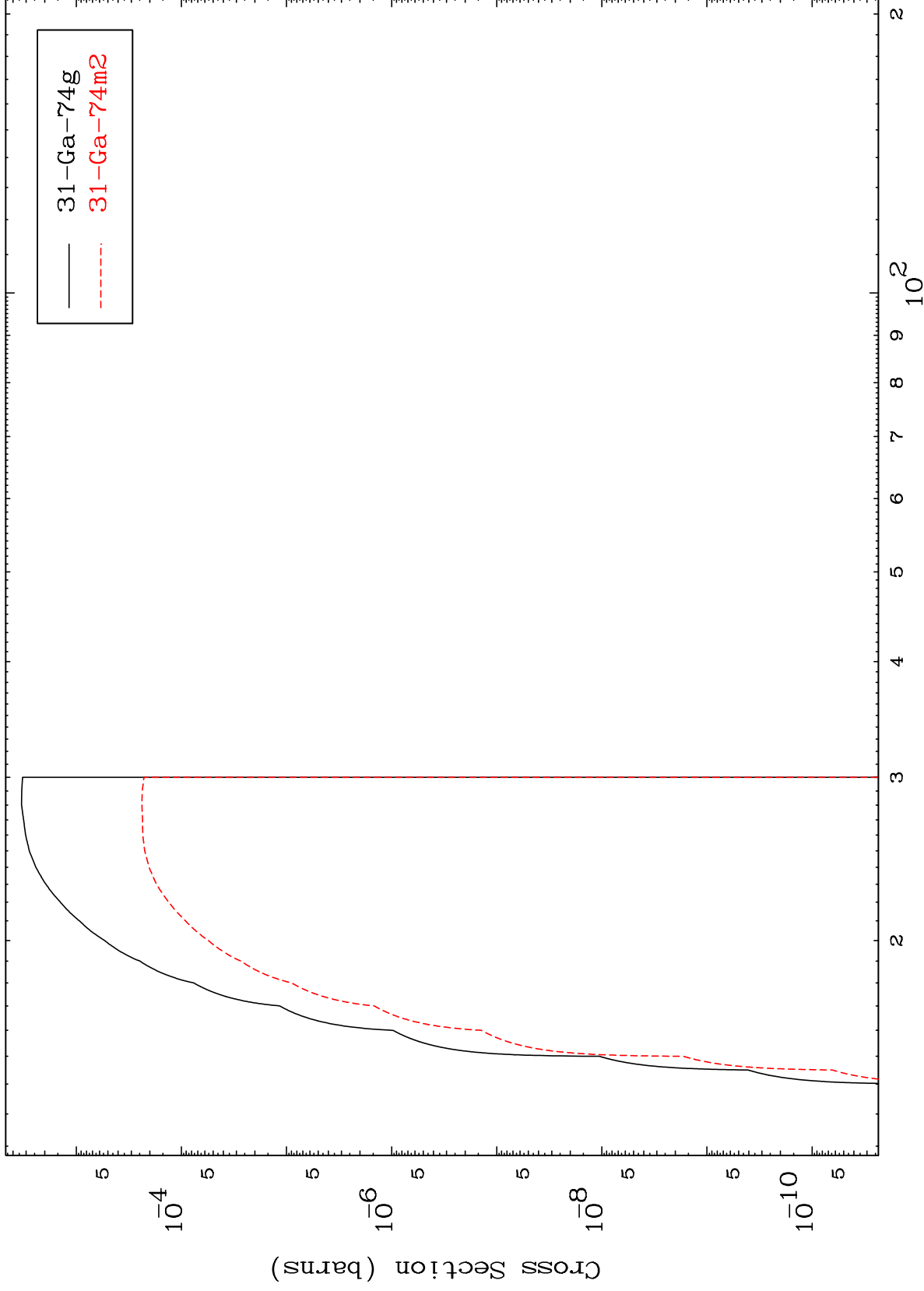
MAT 3243

³²Ge-76

(n,γ)
Radionuclide Production Cross Section



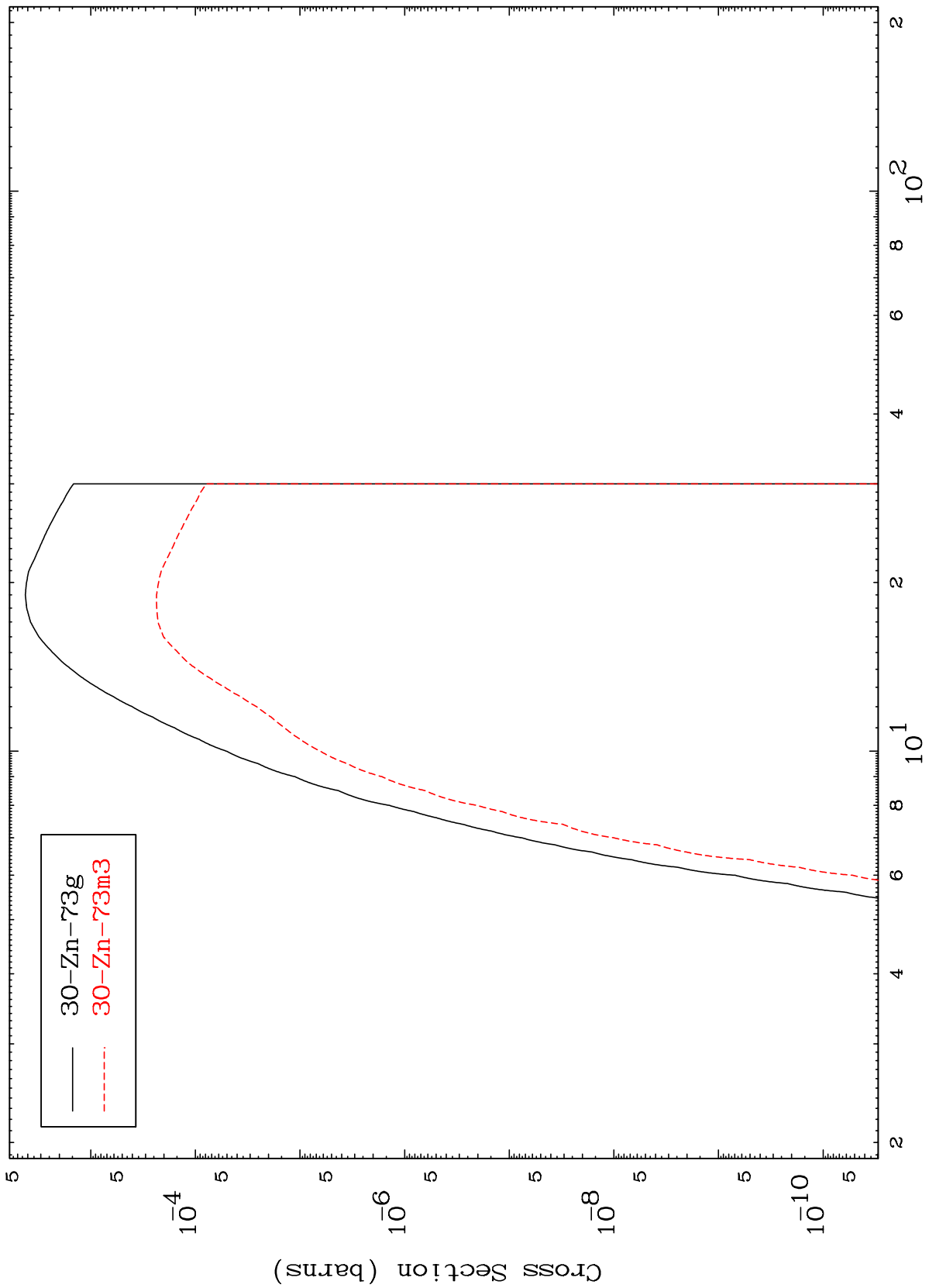
Radionuclide Production Cross Section



MAT 3243

³²Ge-76

(n,α)
Radionuclide Production Cross Section



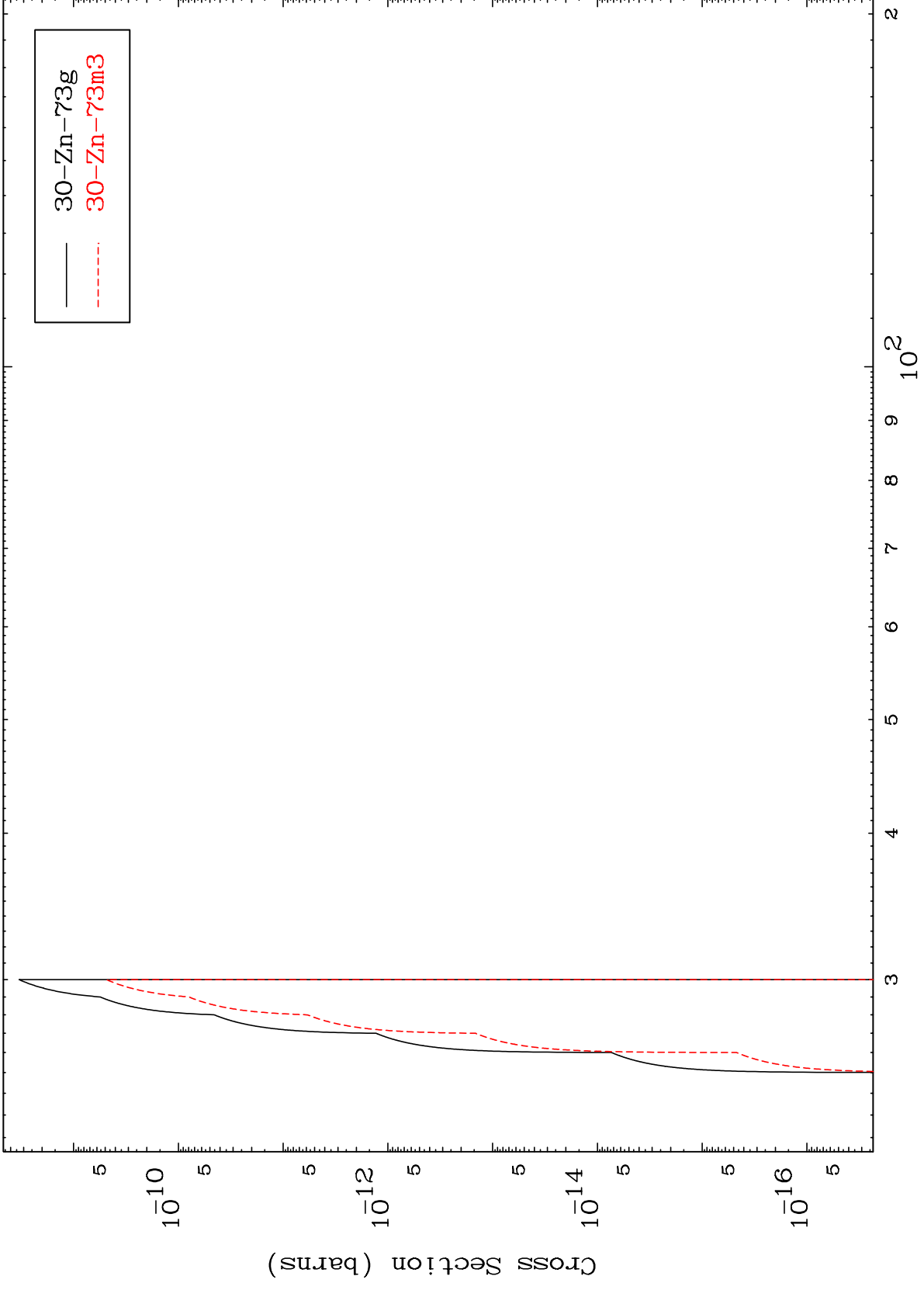
— 30-Zn-73g
- - - 30-Zn-73m3

118

Incident Energy (MeV)

³²Ge-76

Radionuclide Production Cross Section



30-Zn-73g
30-Zn-73m3