

Program EVALPLOT
(Version 2015-2)

by

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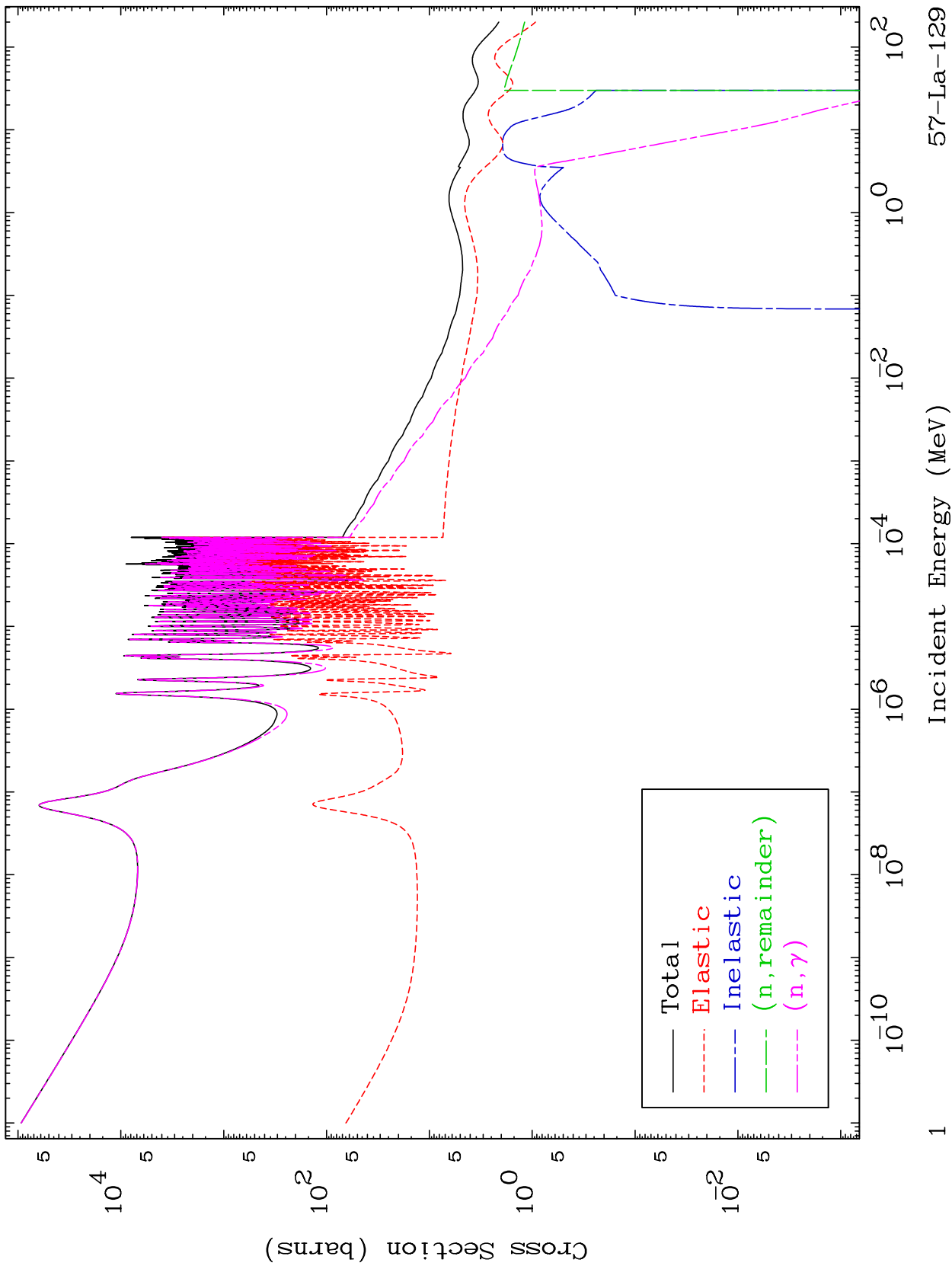
Press Mouse Button to Start

MAT 5698

Major

293 Kelvin Cross Sections

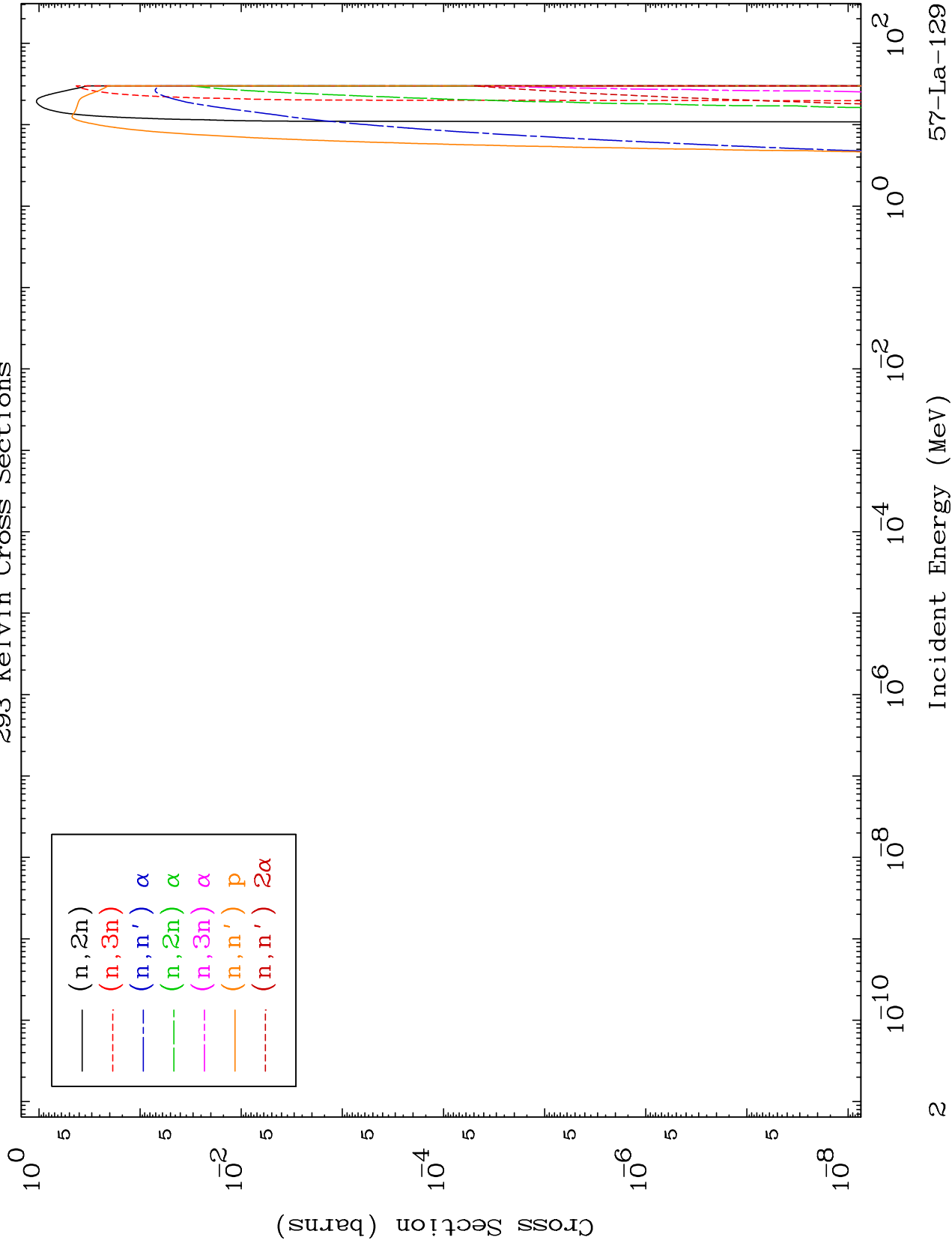
57-La-129

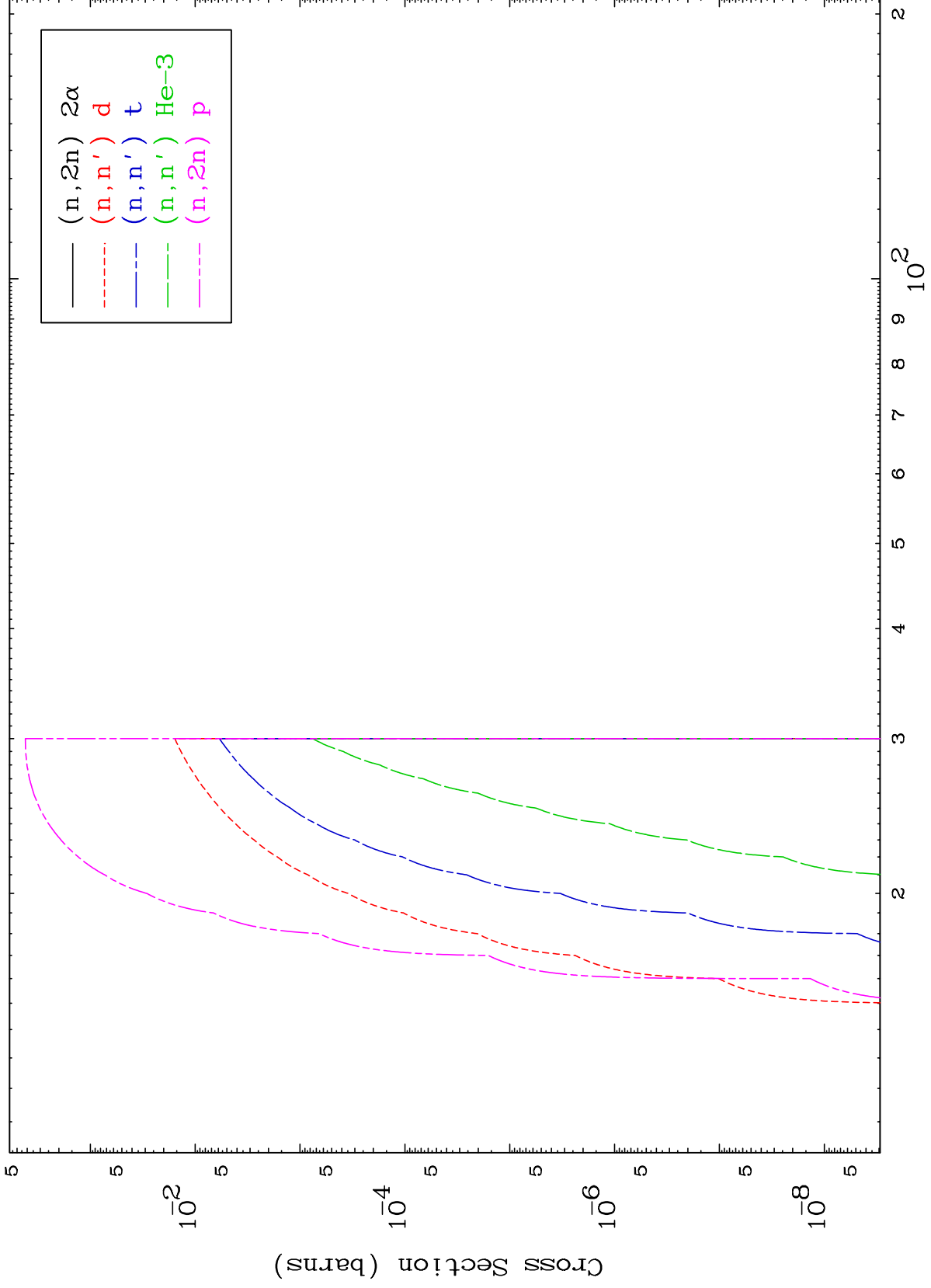


MAT 5698

Neutron Production
293 Kelvin Cross Sections

57-La-129

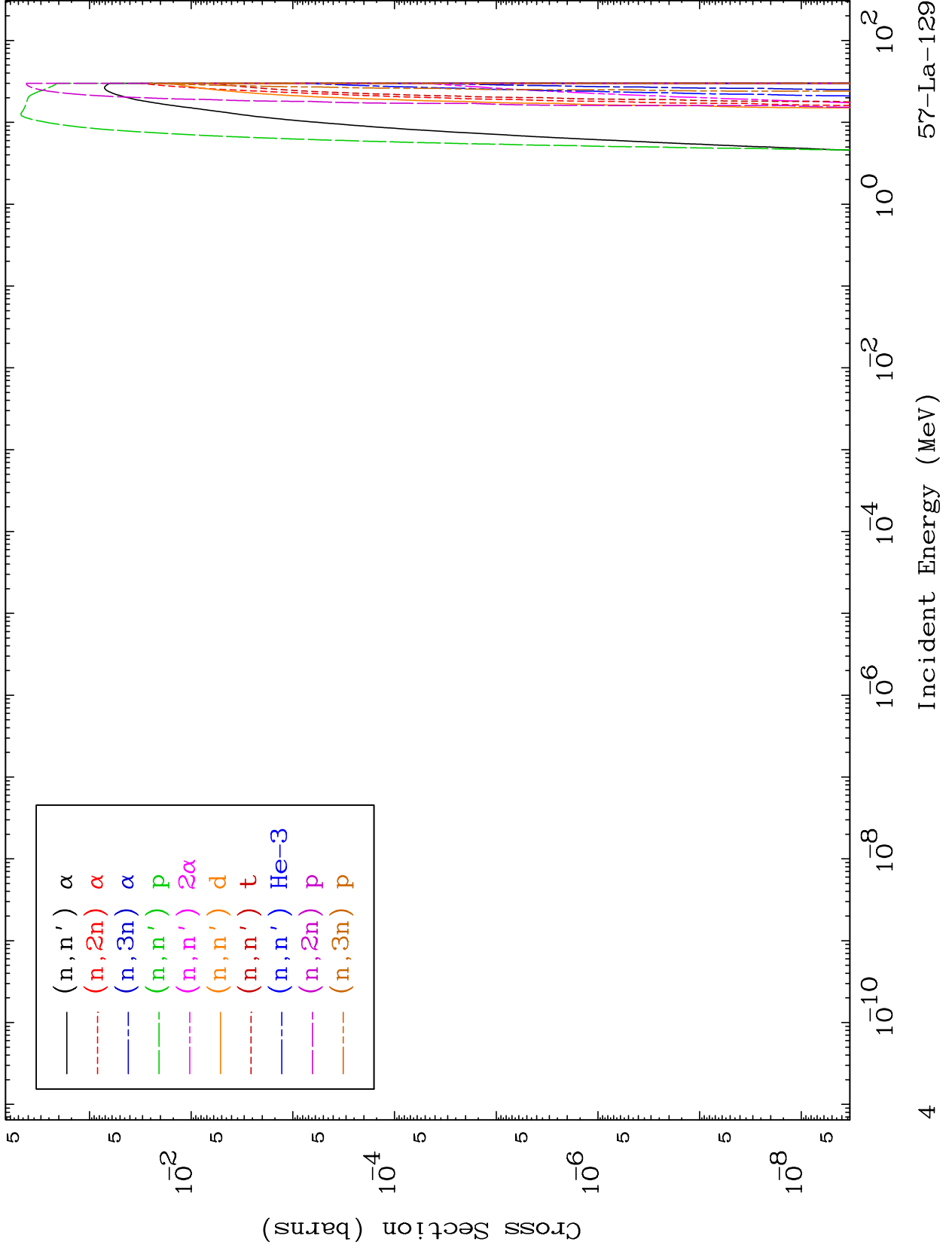




MAT 5698

Charged Particle
293 Kelvin Cross Sections

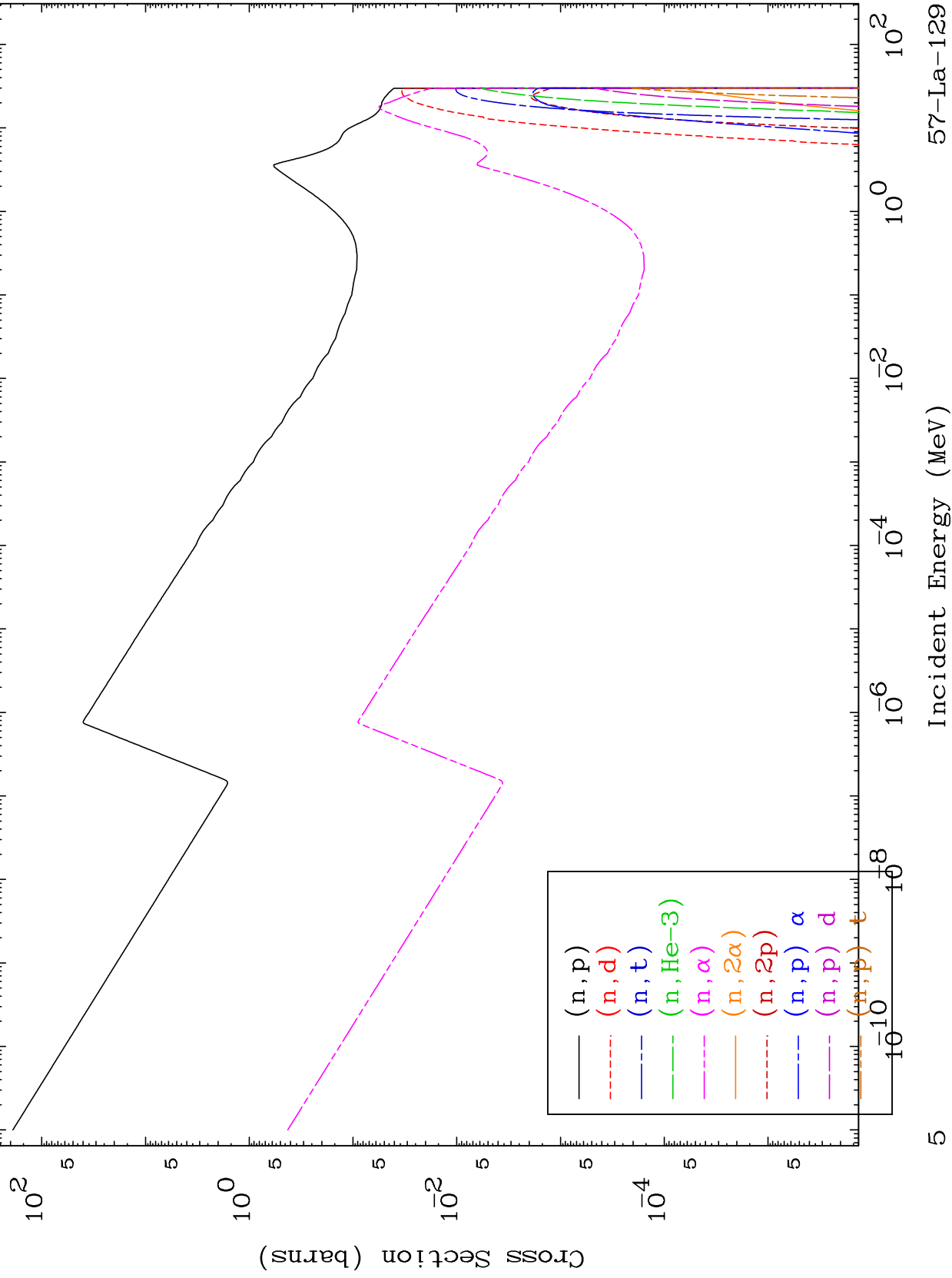
57-La-129



MAT 5698

Charged Particle
293 Kelvin Cross Sections

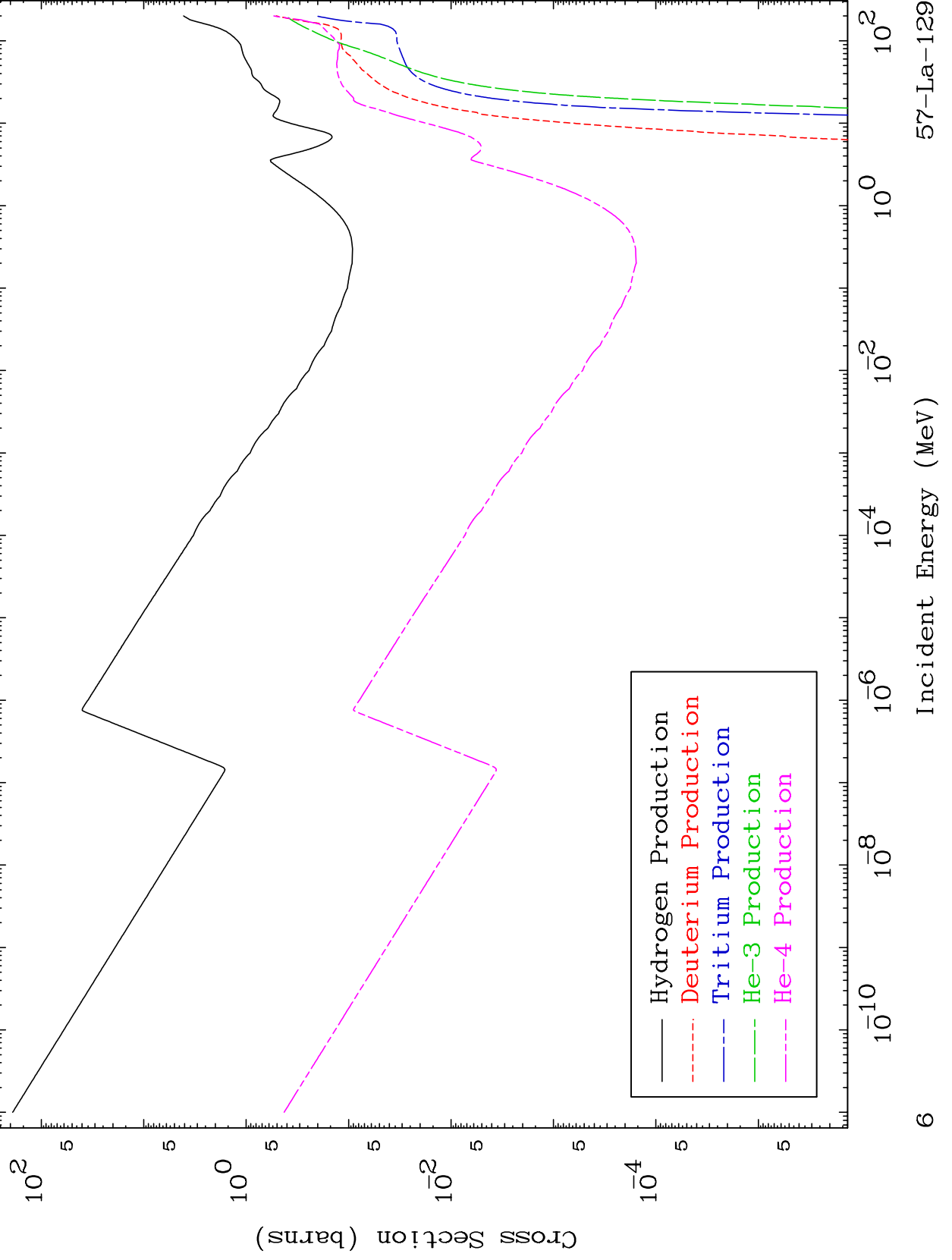
57-La-129



MAT 5698

Particle Production
293 Kelvin Cross Sections

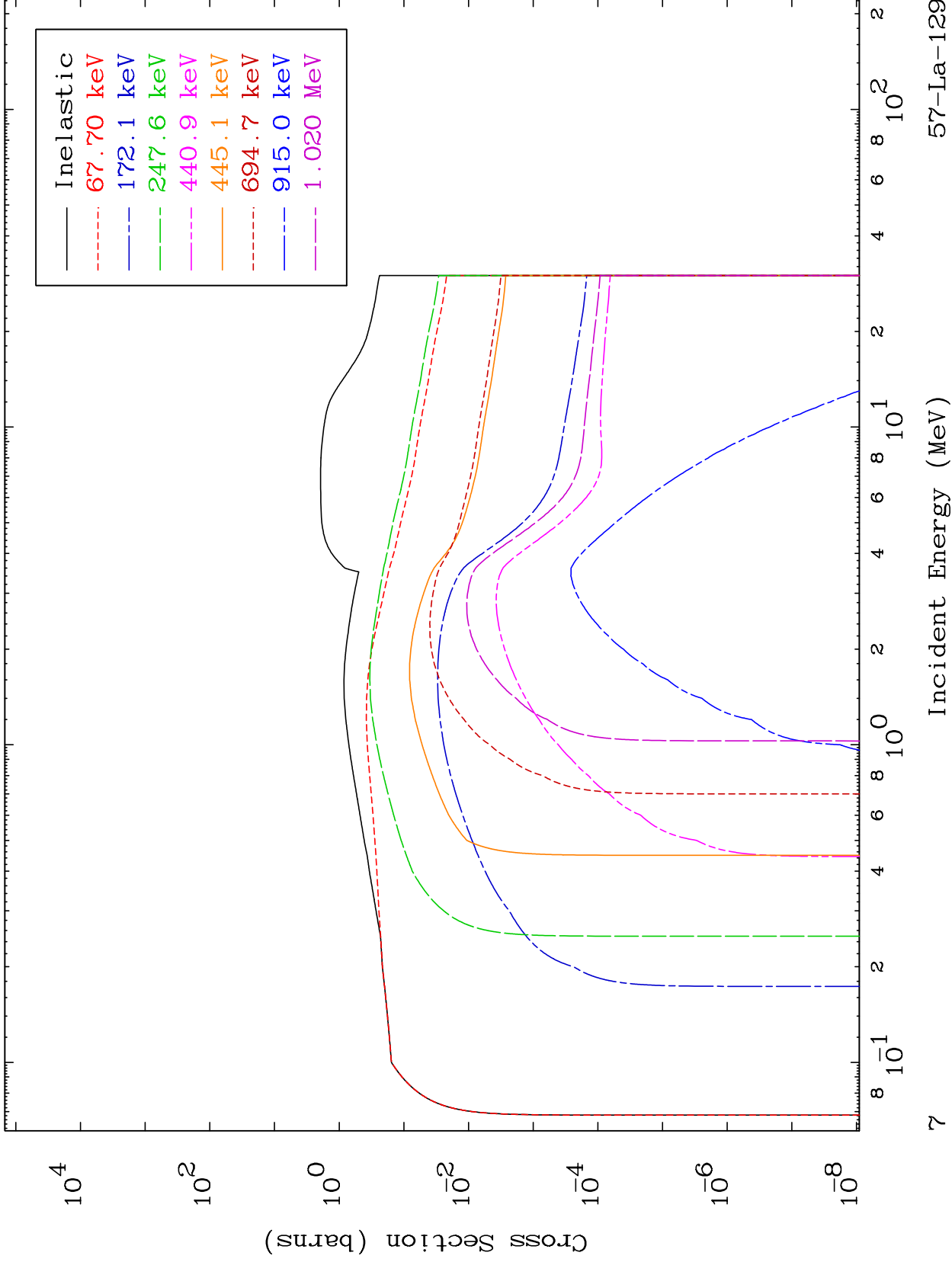
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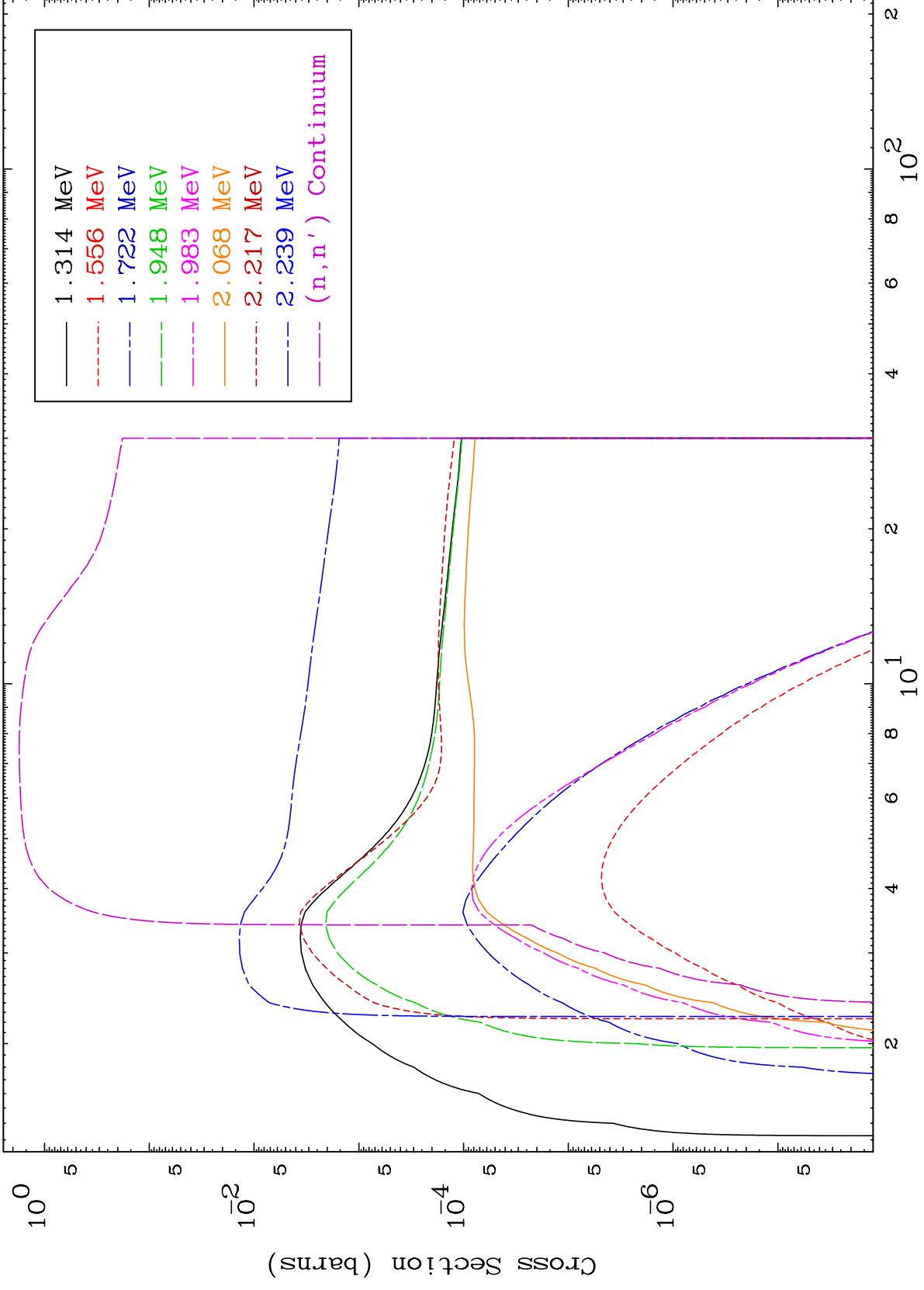
MAT 5698

(n,n') Level
293 Kelvin Cross Sections

57-La-129



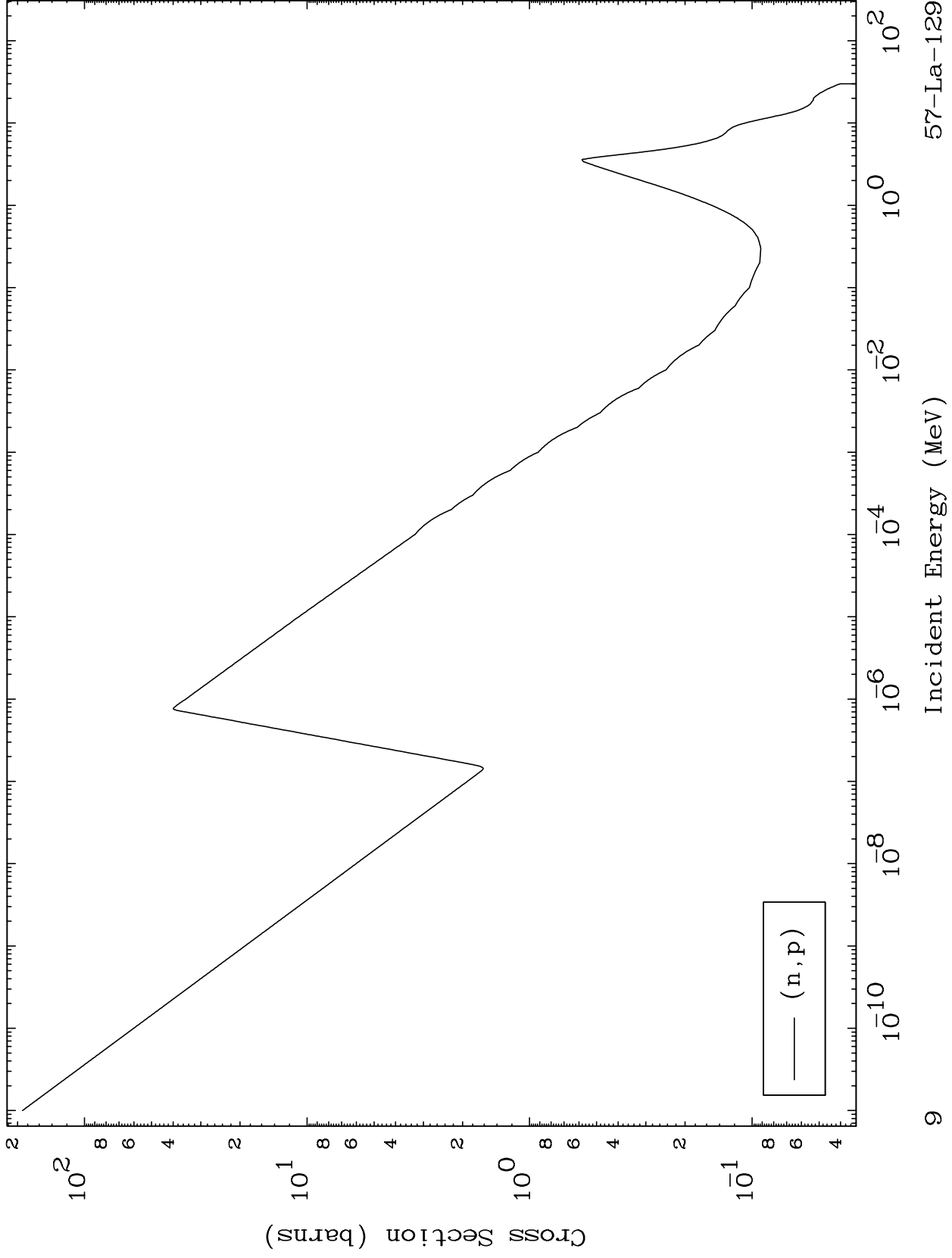
293 Kelvin Cross Sections



MAT 5698

(n,p) Levels
293 Kelvin Cross Sections

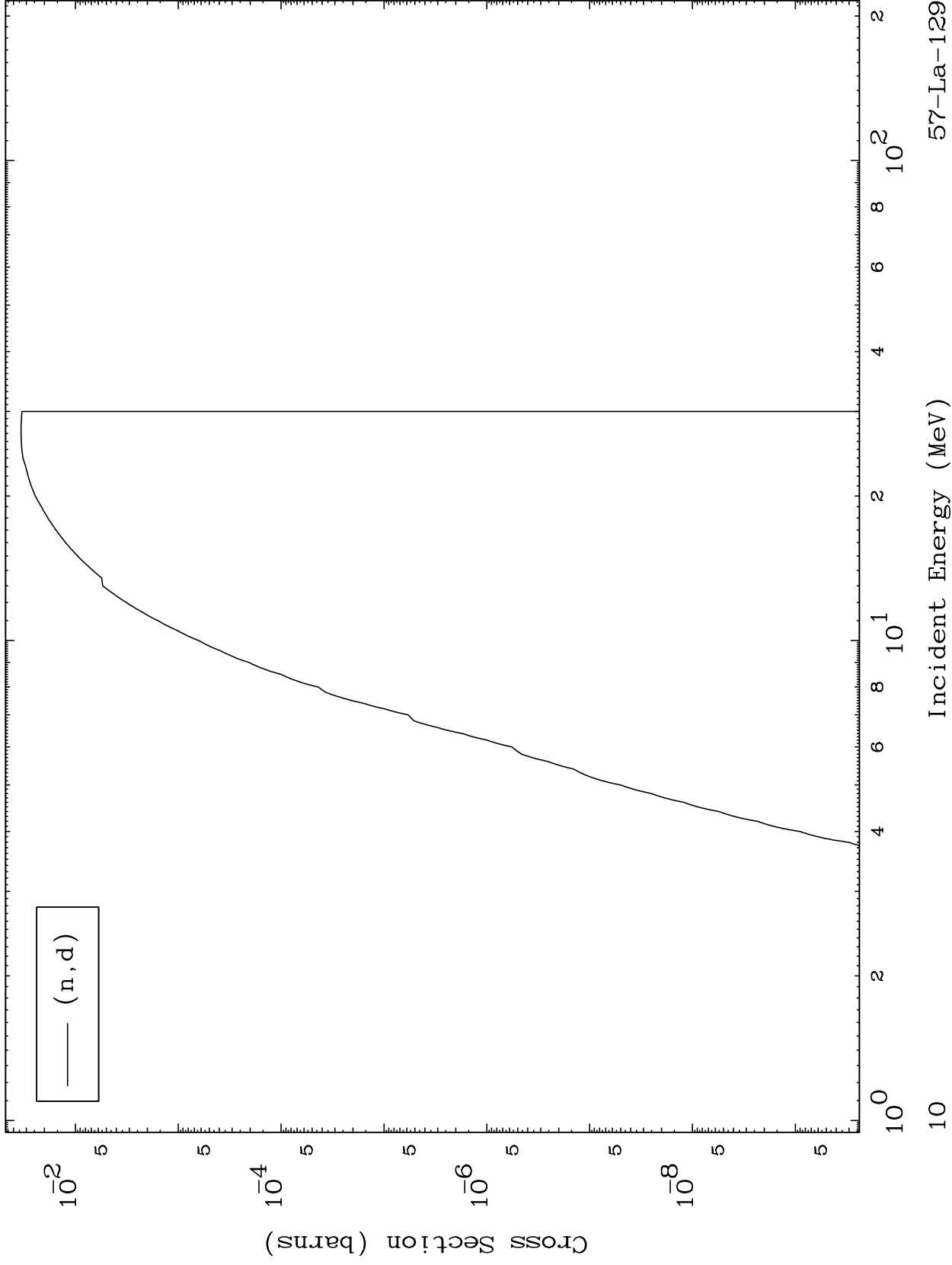
57-La-129



MAT 5698

(n,d) Levels
293 Kelvin Cross Sections

57-La-129

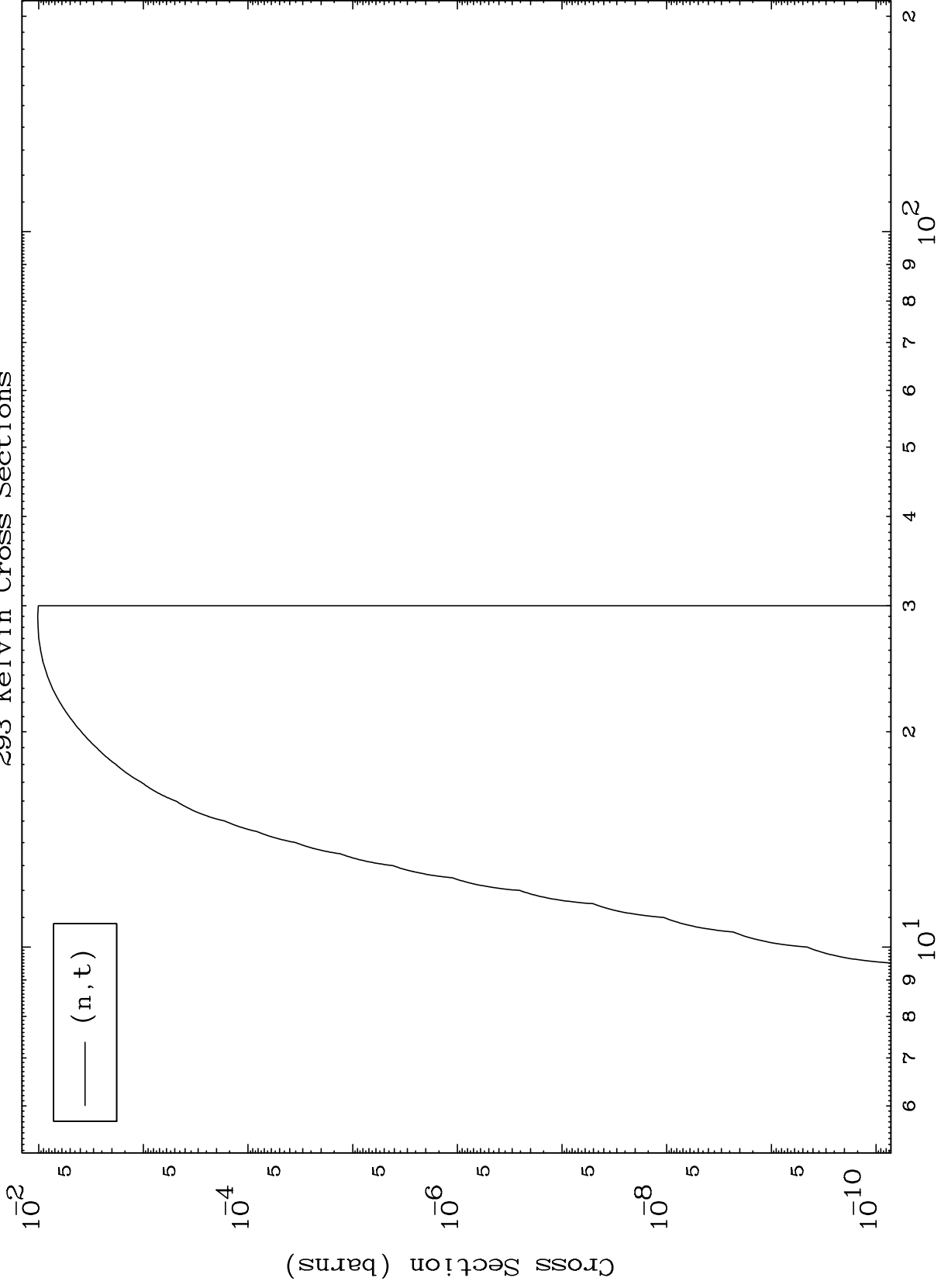


57-La-129

MAT 5698

(n,t) Levels
293 Kelvin Cross Sections

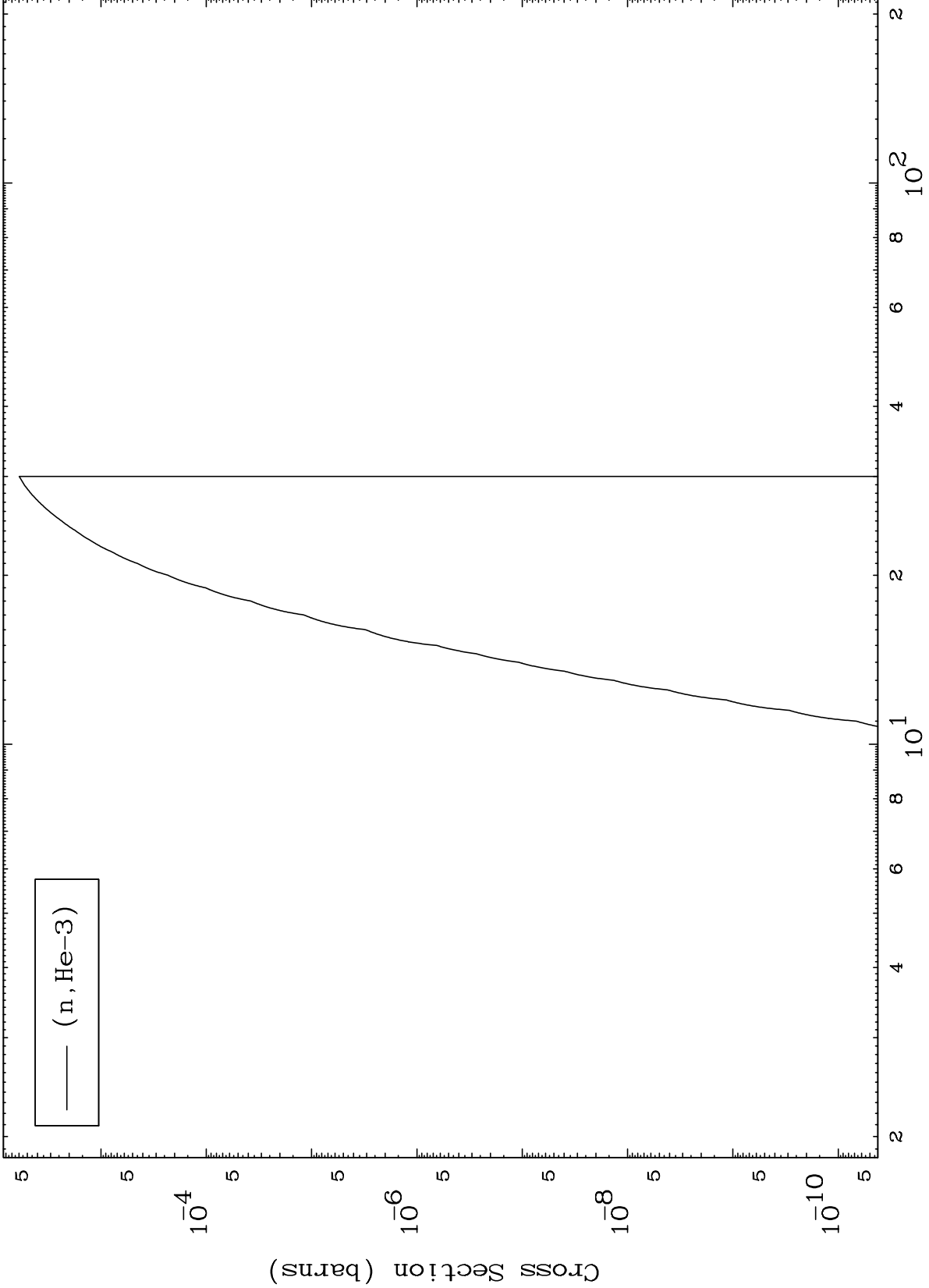
57-La-129



MAT 5698

(n,He3) Levels
293 Kelvin Cross Sections

57-La-129



12

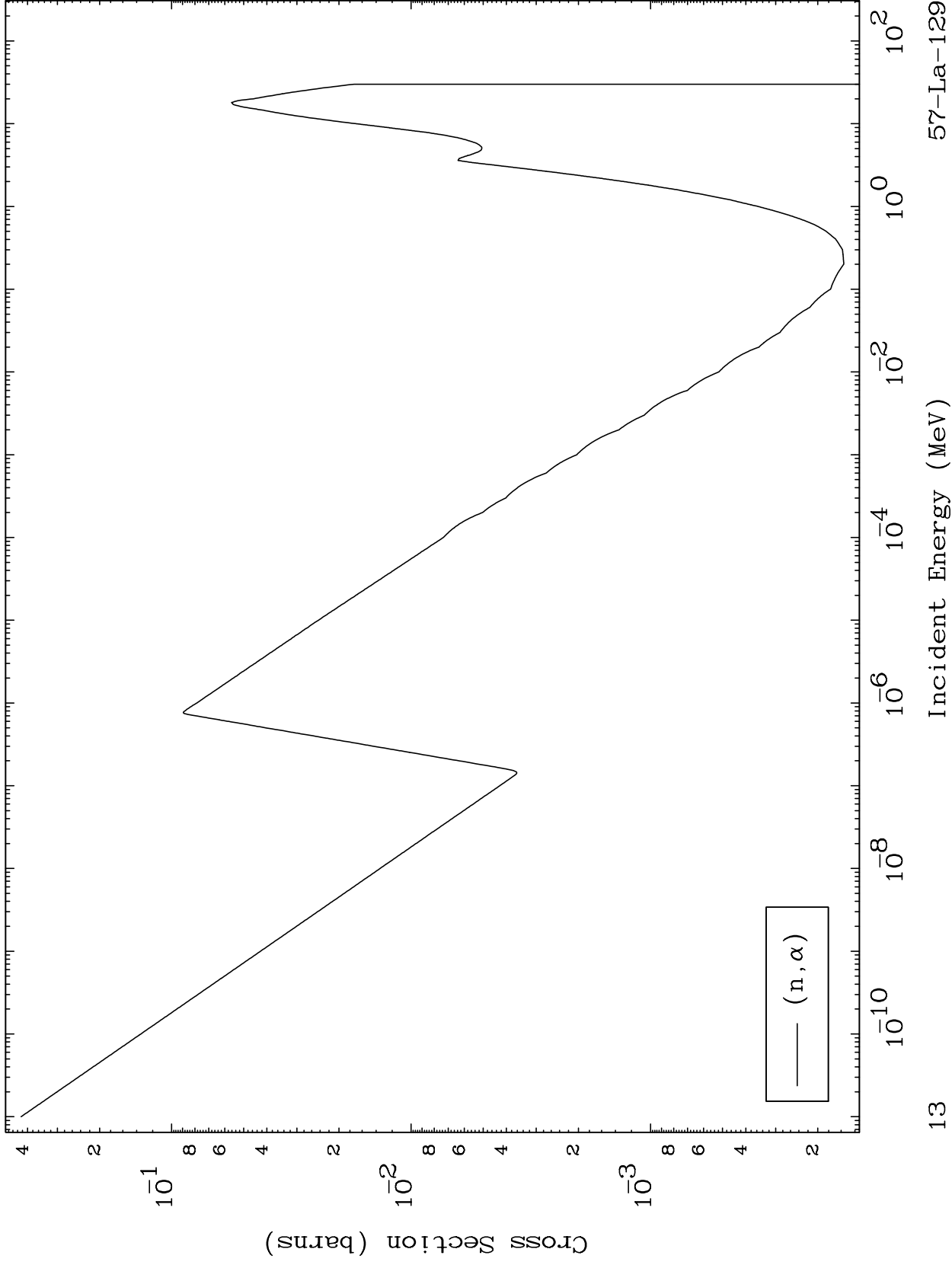
Incident Energy (MeV)

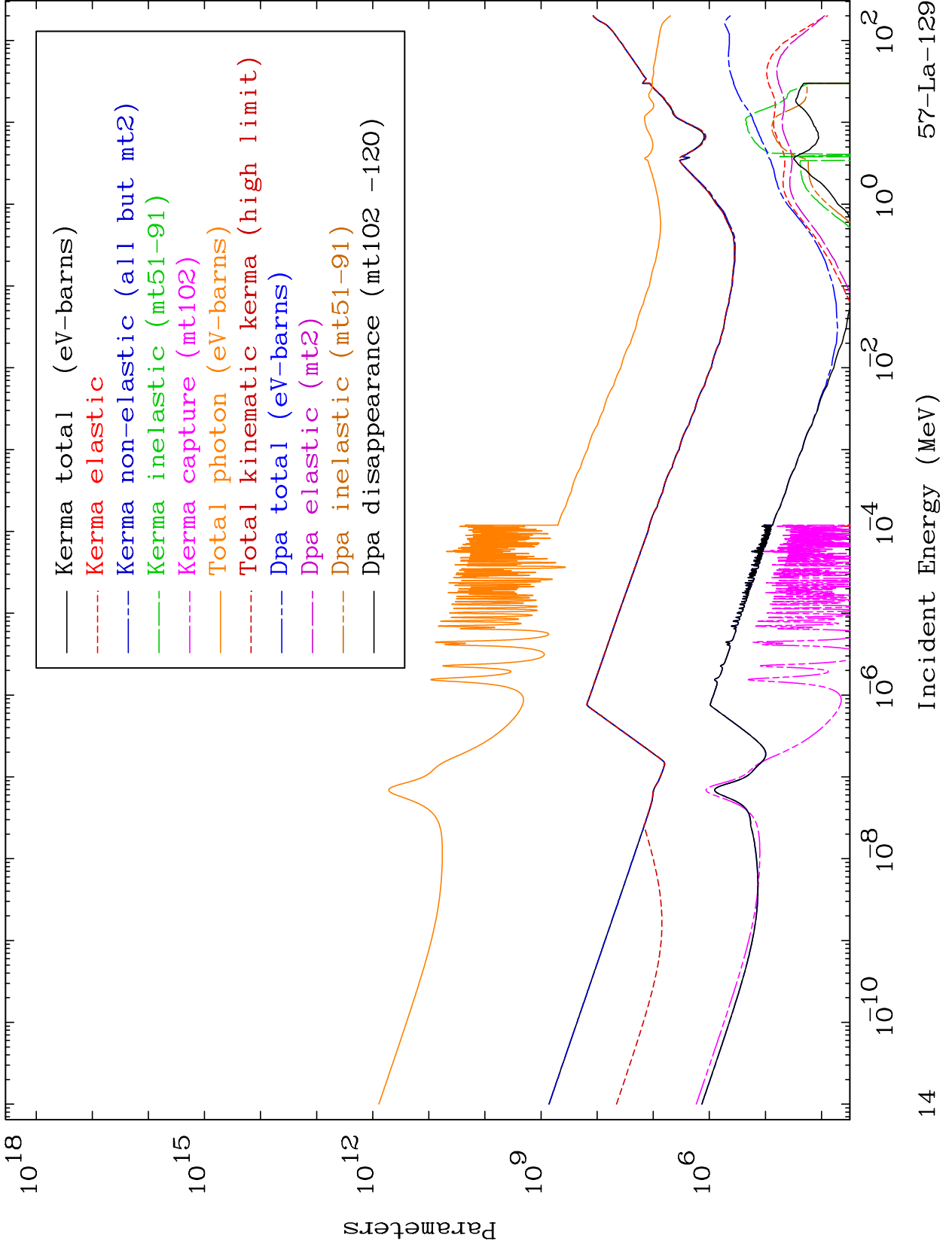
57-La-129

MAT 5698

(n,α) Levels
293 Kelvin Cross Sections

57-La-129

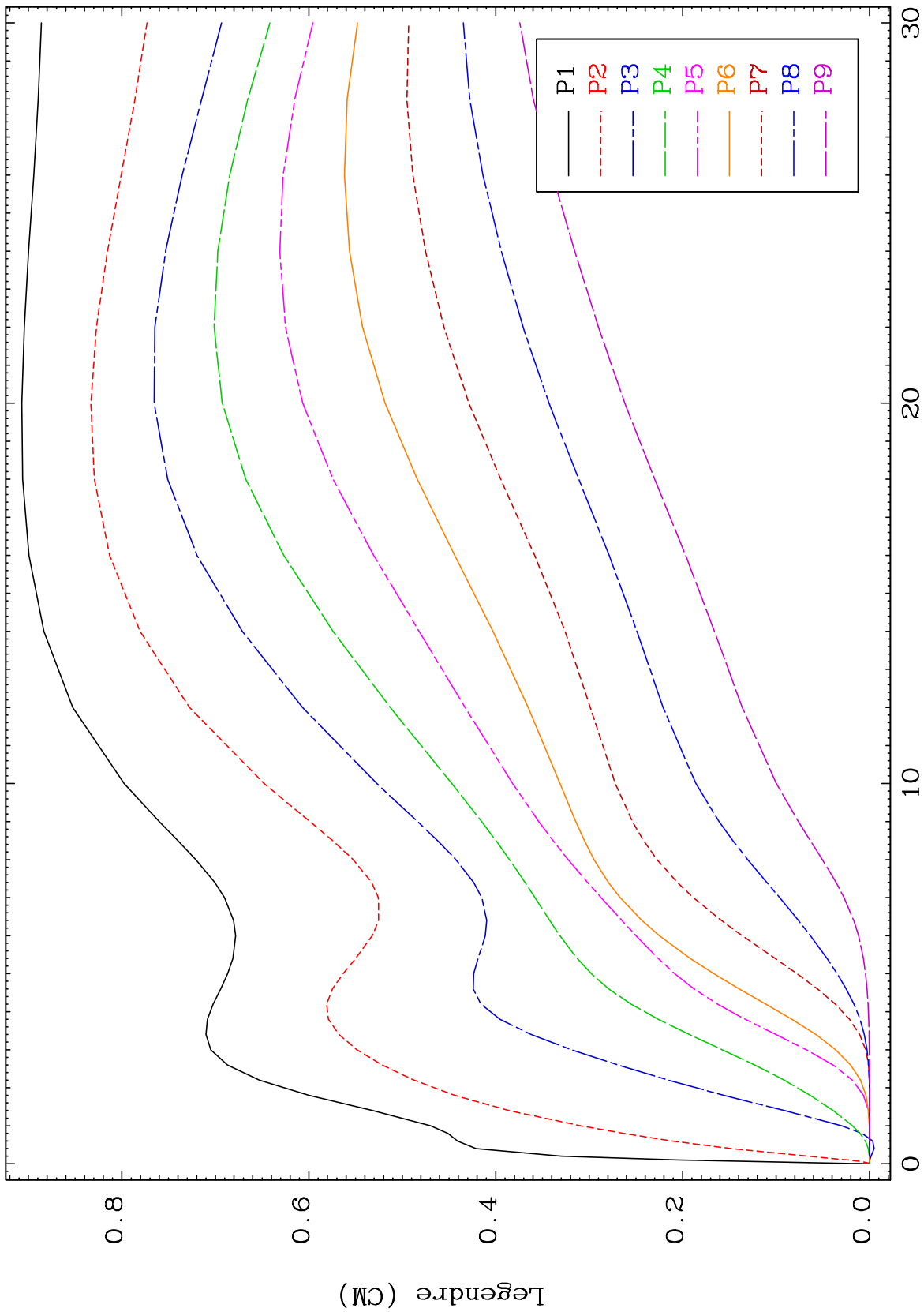




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57-La-129

Elastic Legendre Coefficients



57-La-129

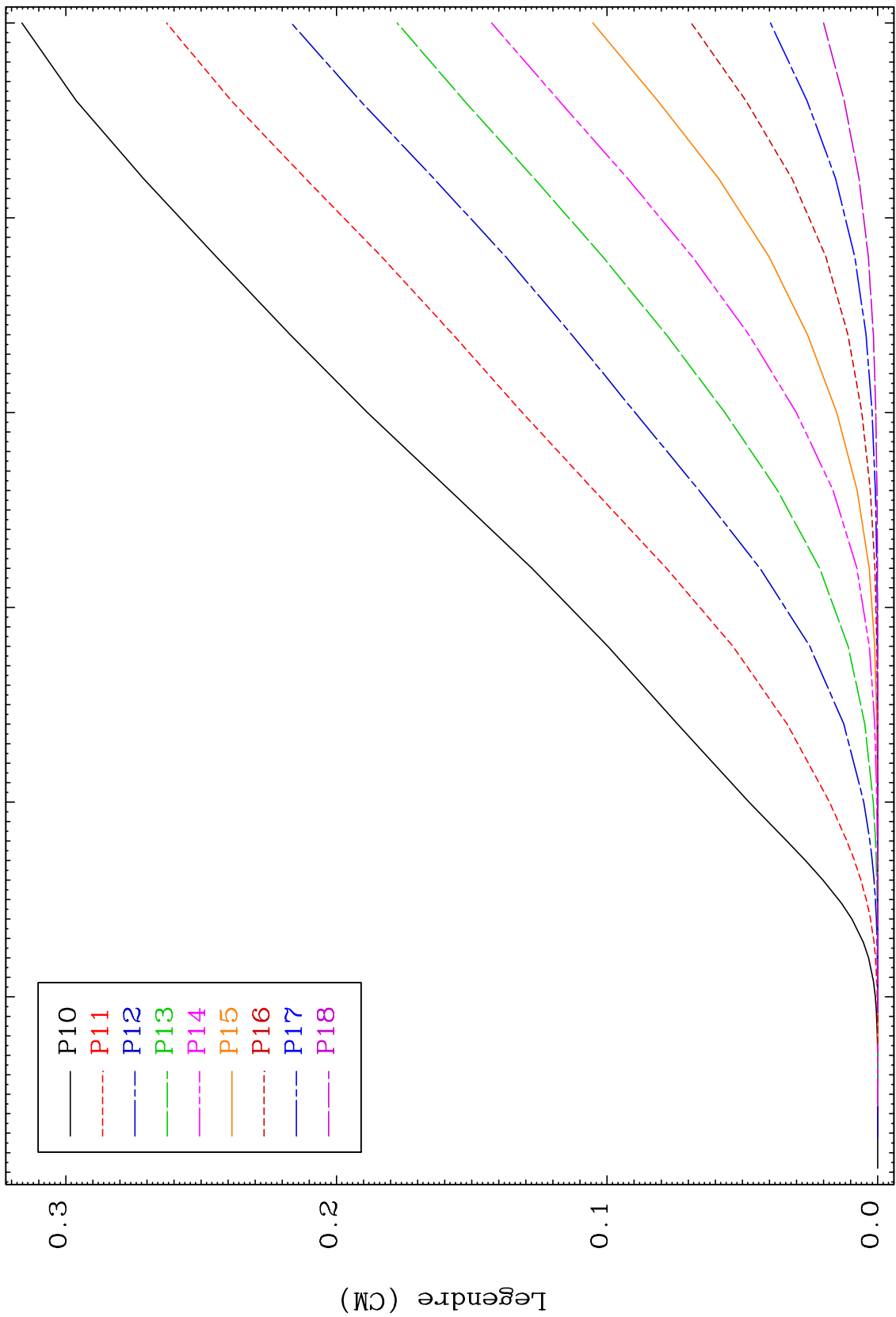
Incident Energy (MeV)

15

MAT 5698

Elastic Legendre Coefficients

57-La-129



16

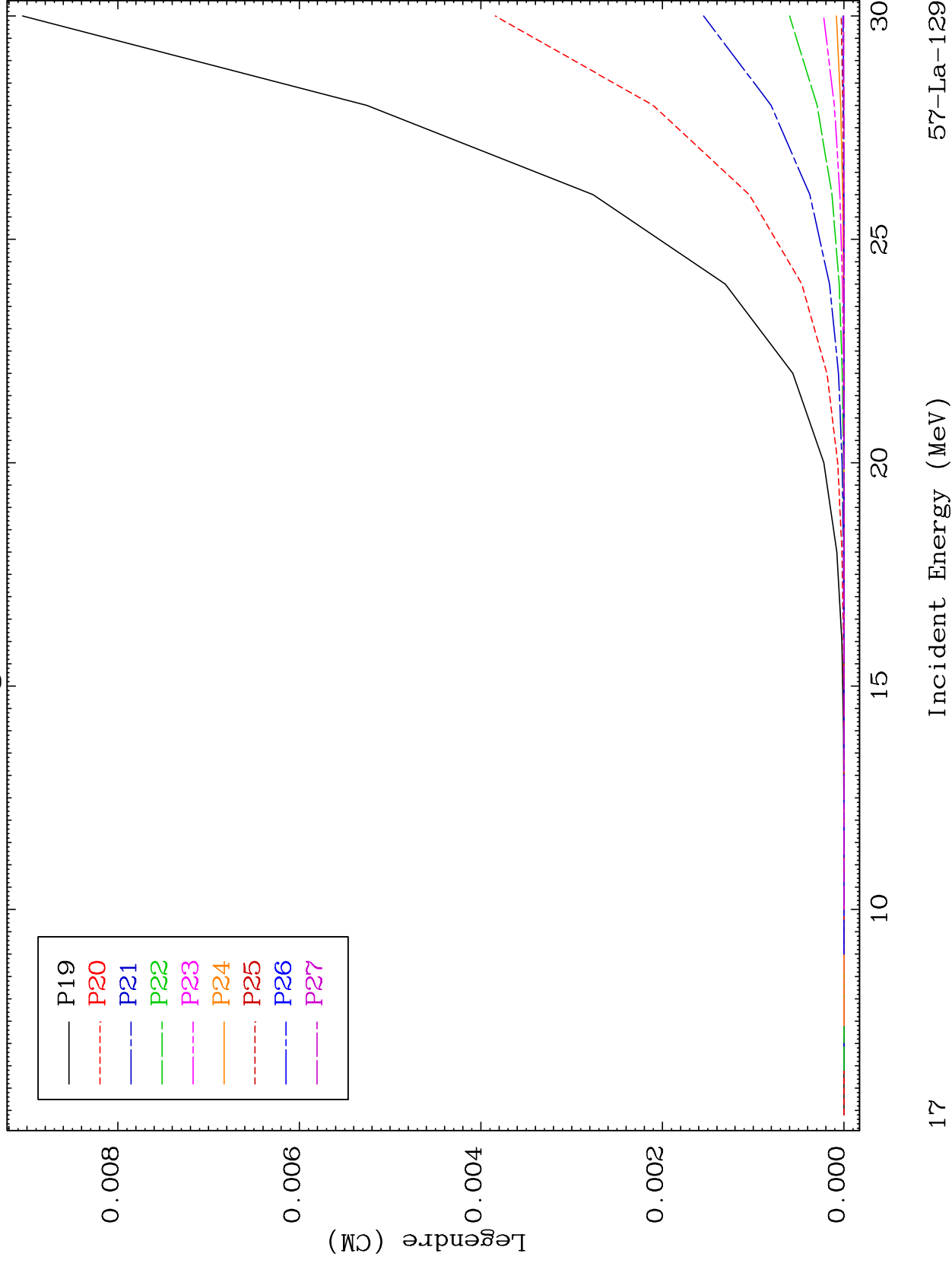
Incident Energy (MeV)

57-La-129

MAT 5698

Elastic Legendre Coefficients

57-La-129



17

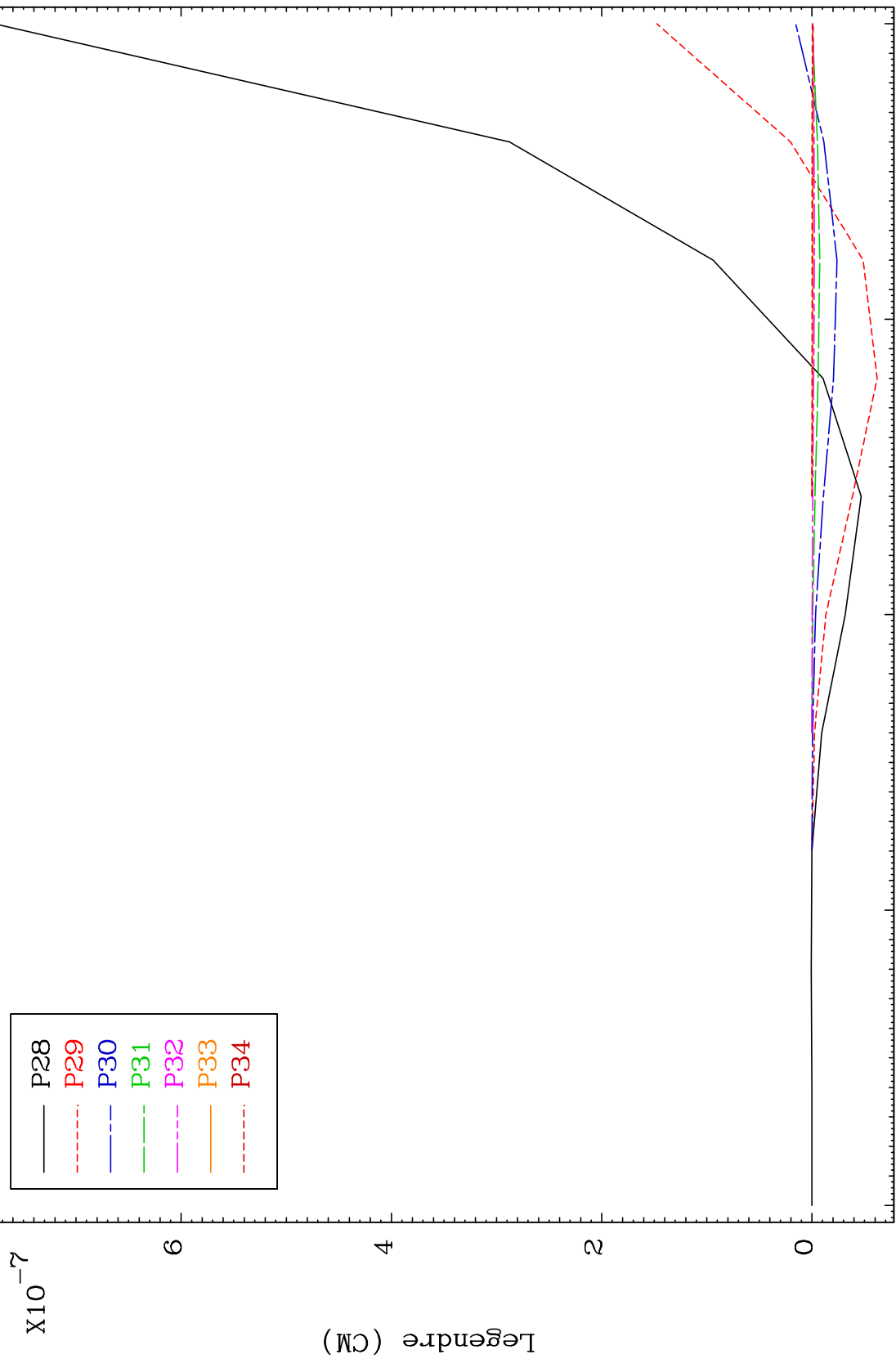
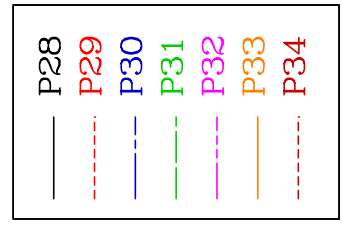
Incident Energy (MeV)

57-La-129

MAT 5698

Elastic
Legendre Coefficients

57-La-129



57-La-129

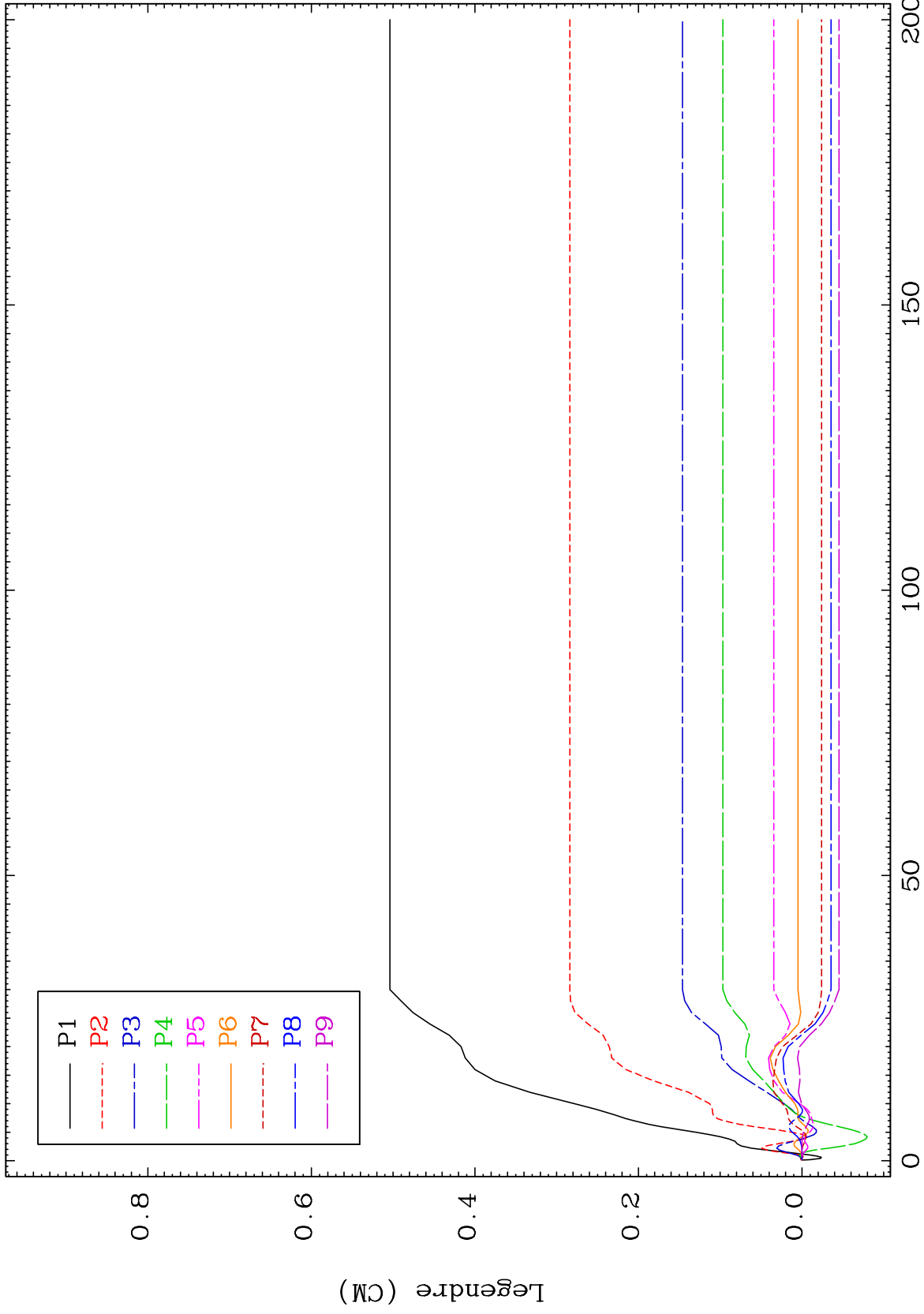
Incident Energy (MeV)

18

MAT 5698

67.70 keV (n,n') Level
Legendre Coefficients

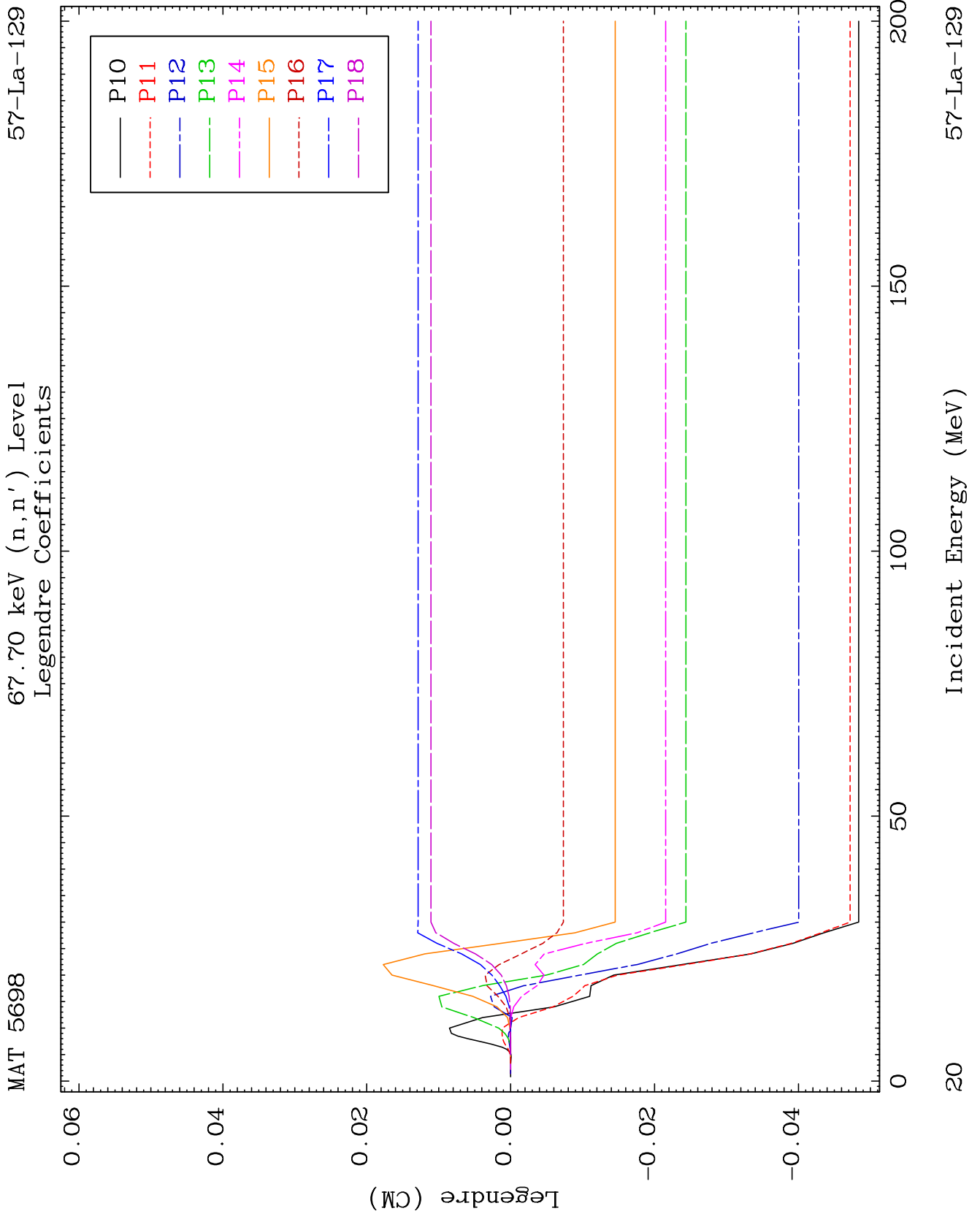
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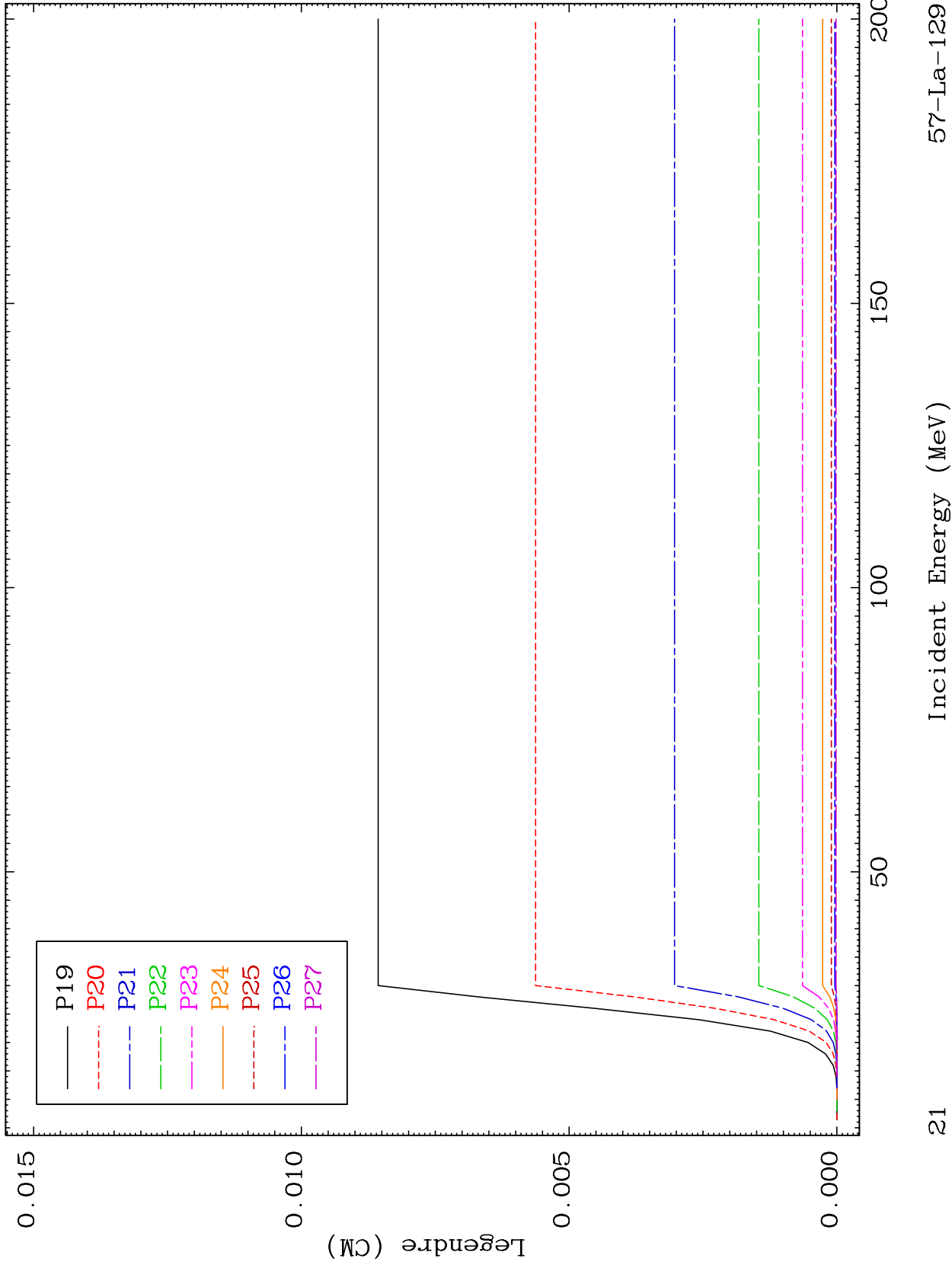


19

Incident Energy (MeV)

57-La-129

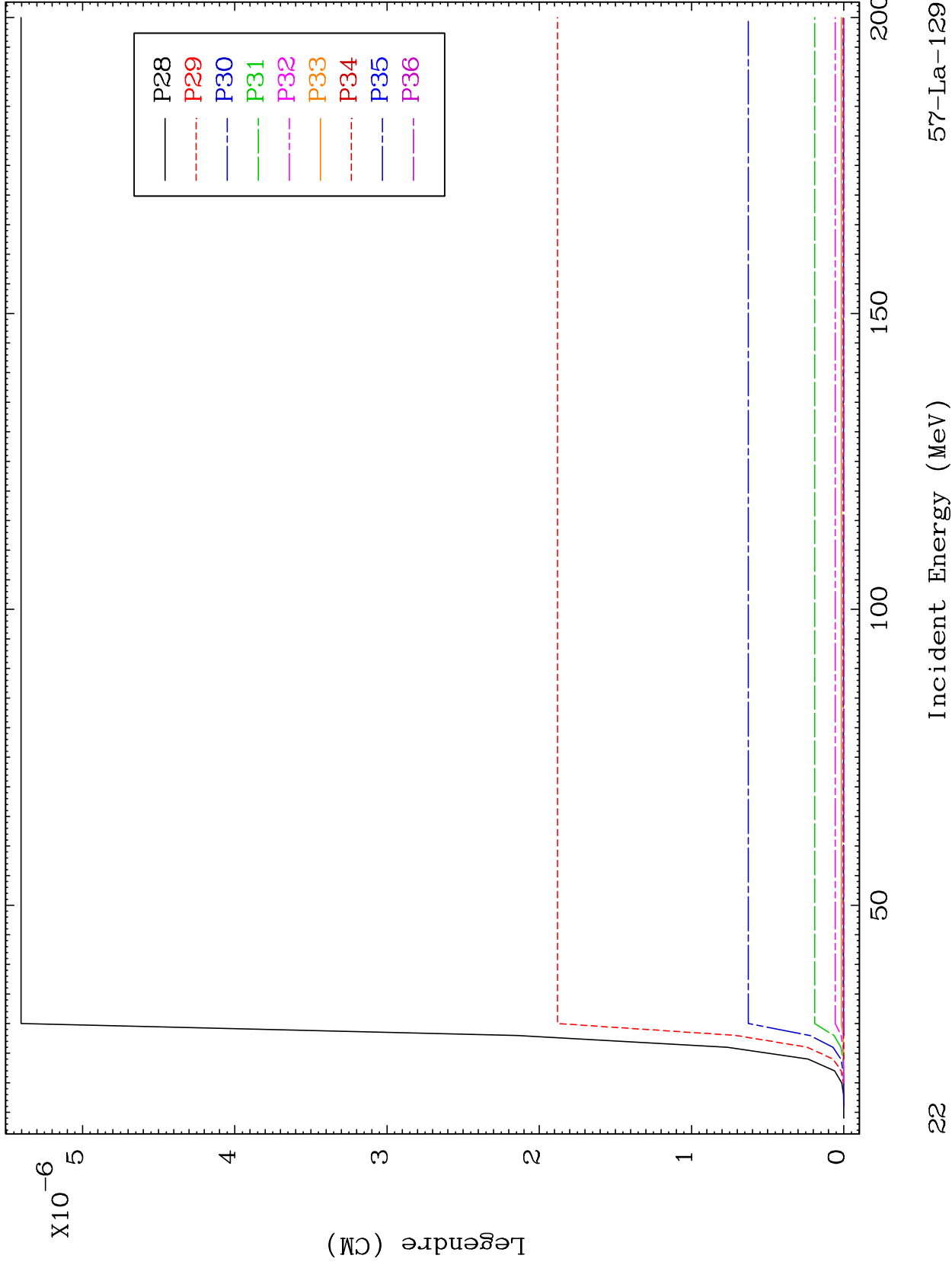




MAT 5698

67.70 keV (n,n') Level
Legendre Coefficients

57-La-129



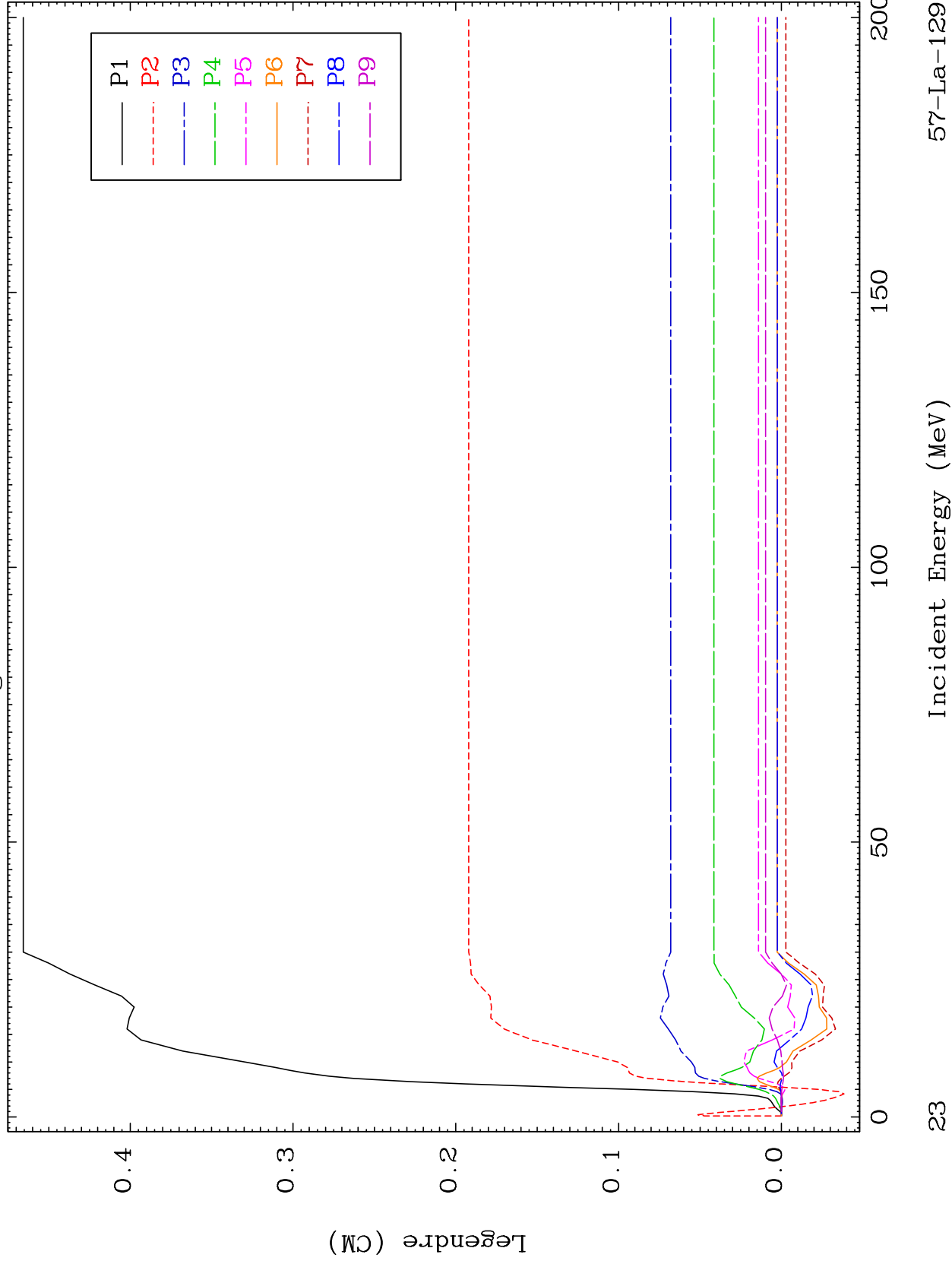
22

57-La-129

MAT 5698

172.1 keV (n,n') Level
Legendre Coefficients

57-La-129



57-La-129

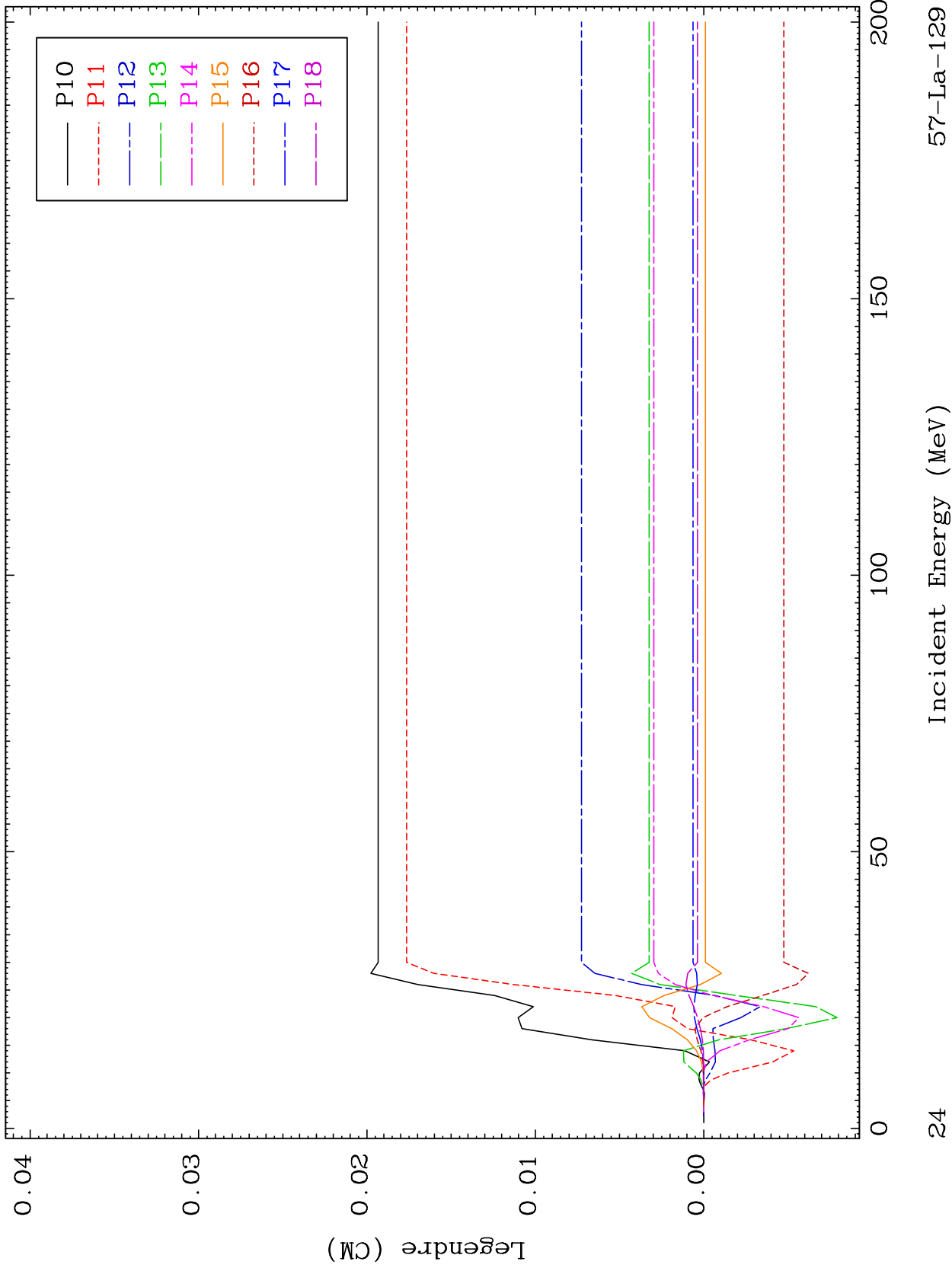
Incident Energy (MeV)

23

MAT 5698

172.1 keV (n,n') Level
Legendre Coefficients

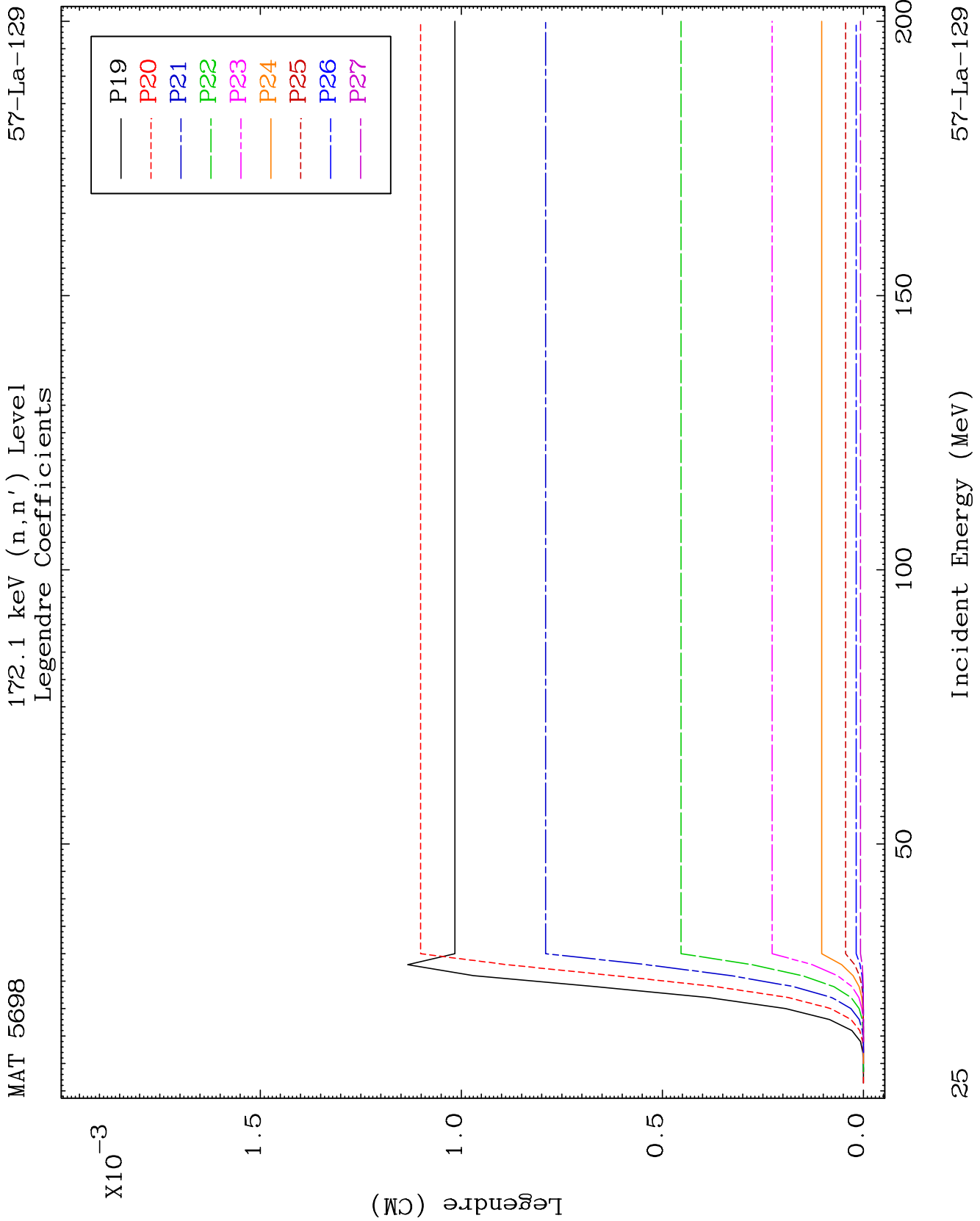
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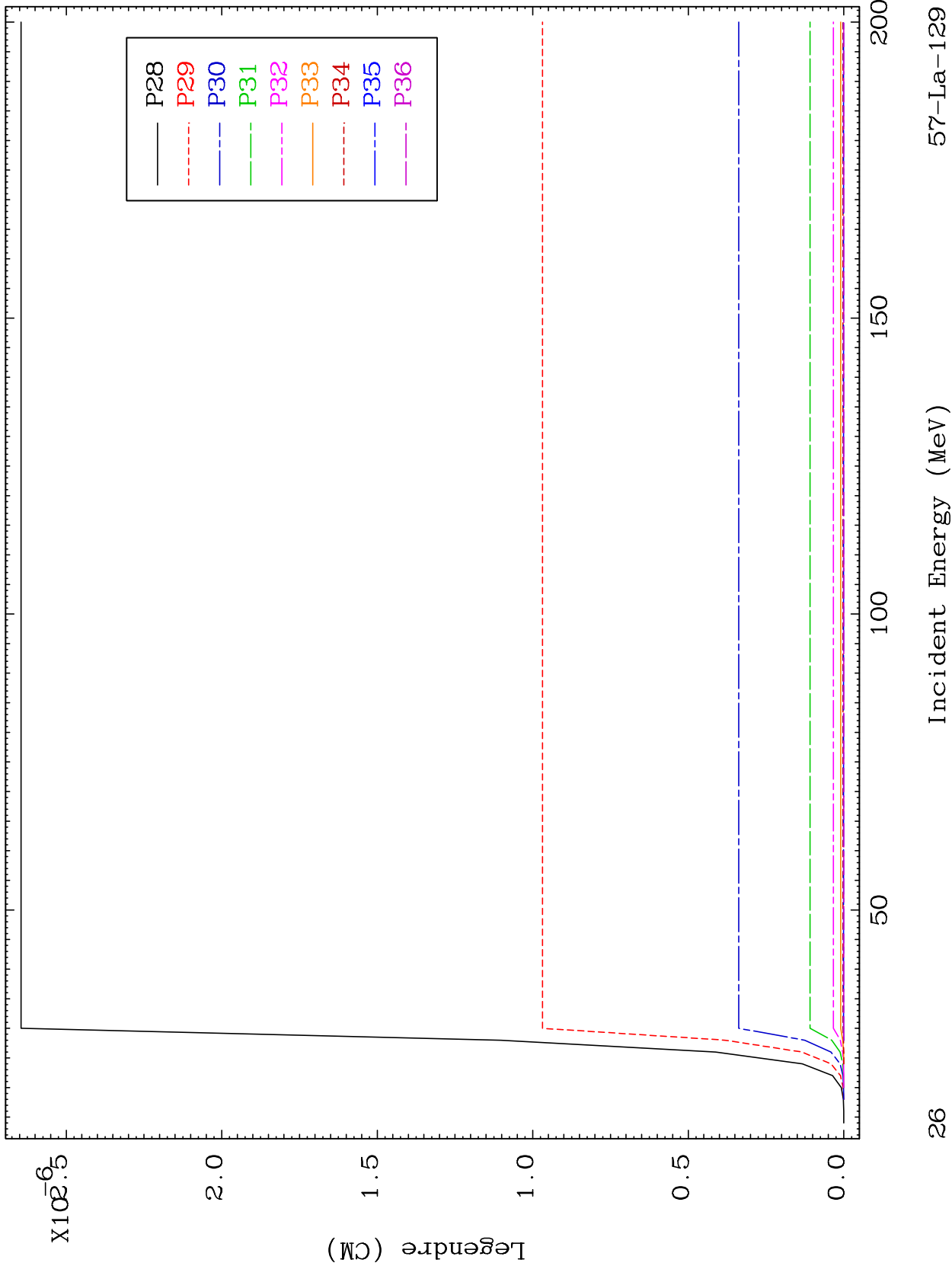


57-La-129

Incident Energy (MeV)

24

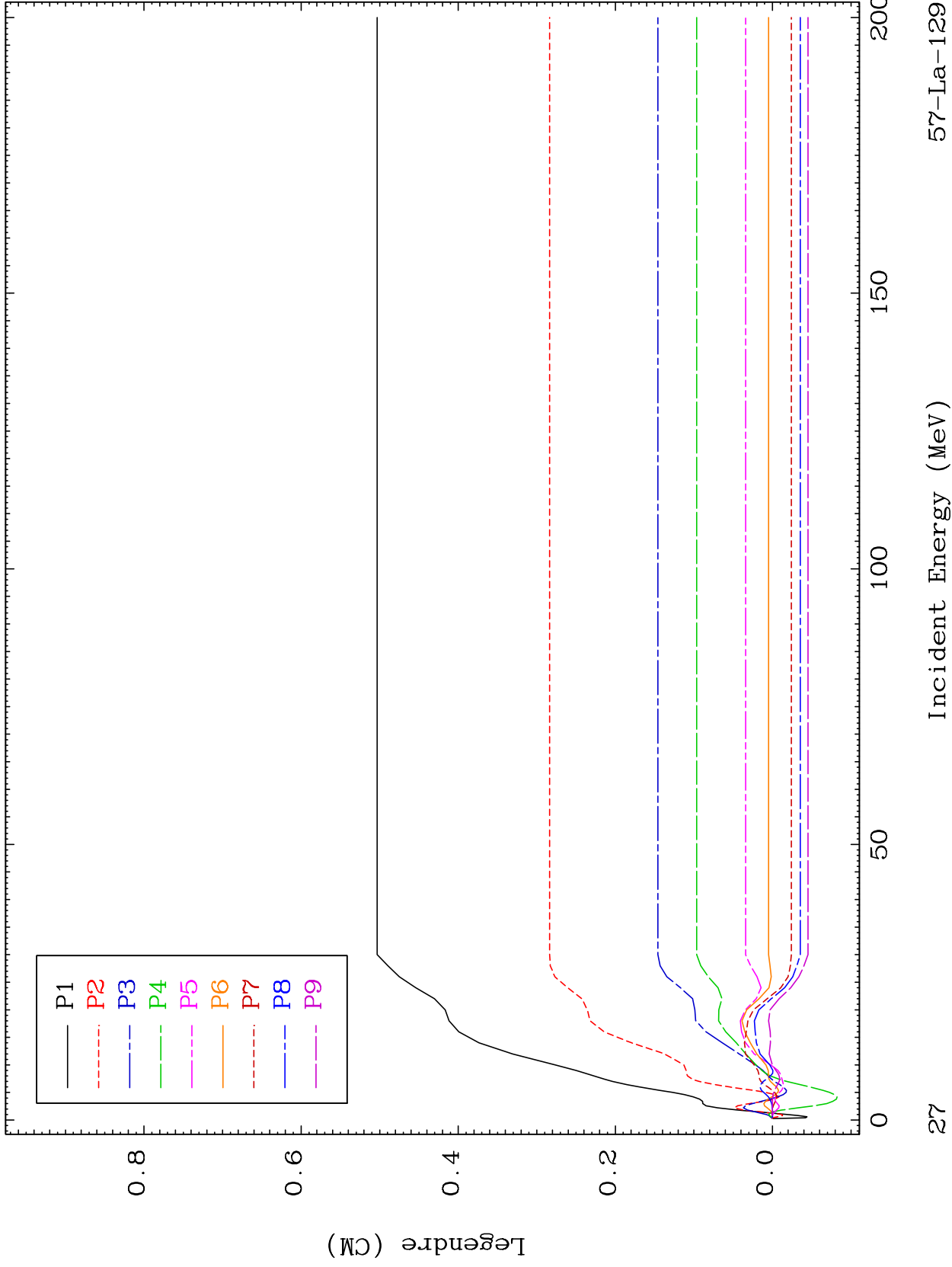




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247.6 keV (n,n') Level
Legendre Coefficients

57-La-129



57-La-129

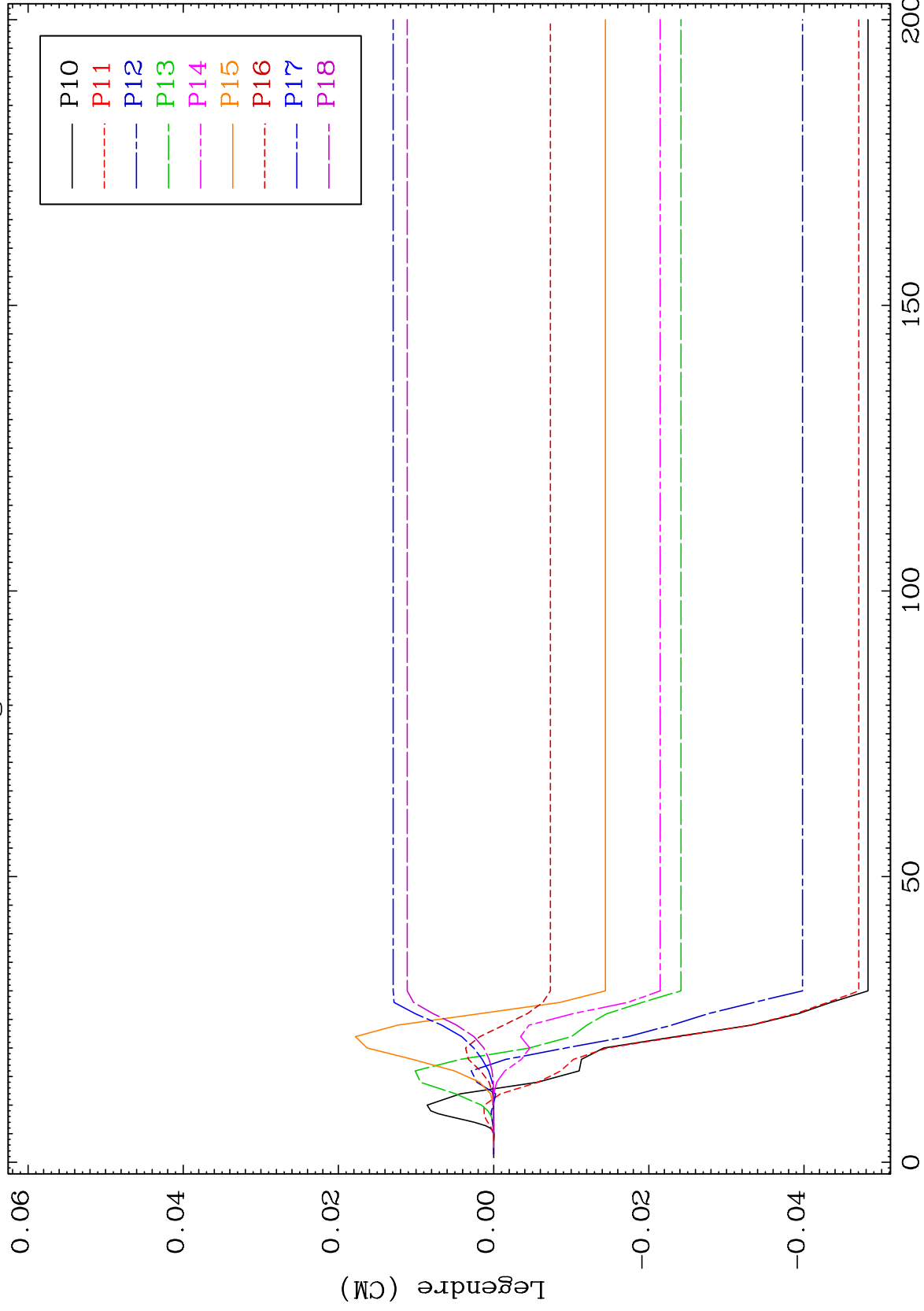
Incident Energy (MeV)

27

MAT 5698

247.6 keV (n,n') Level
Legendre Coefficients

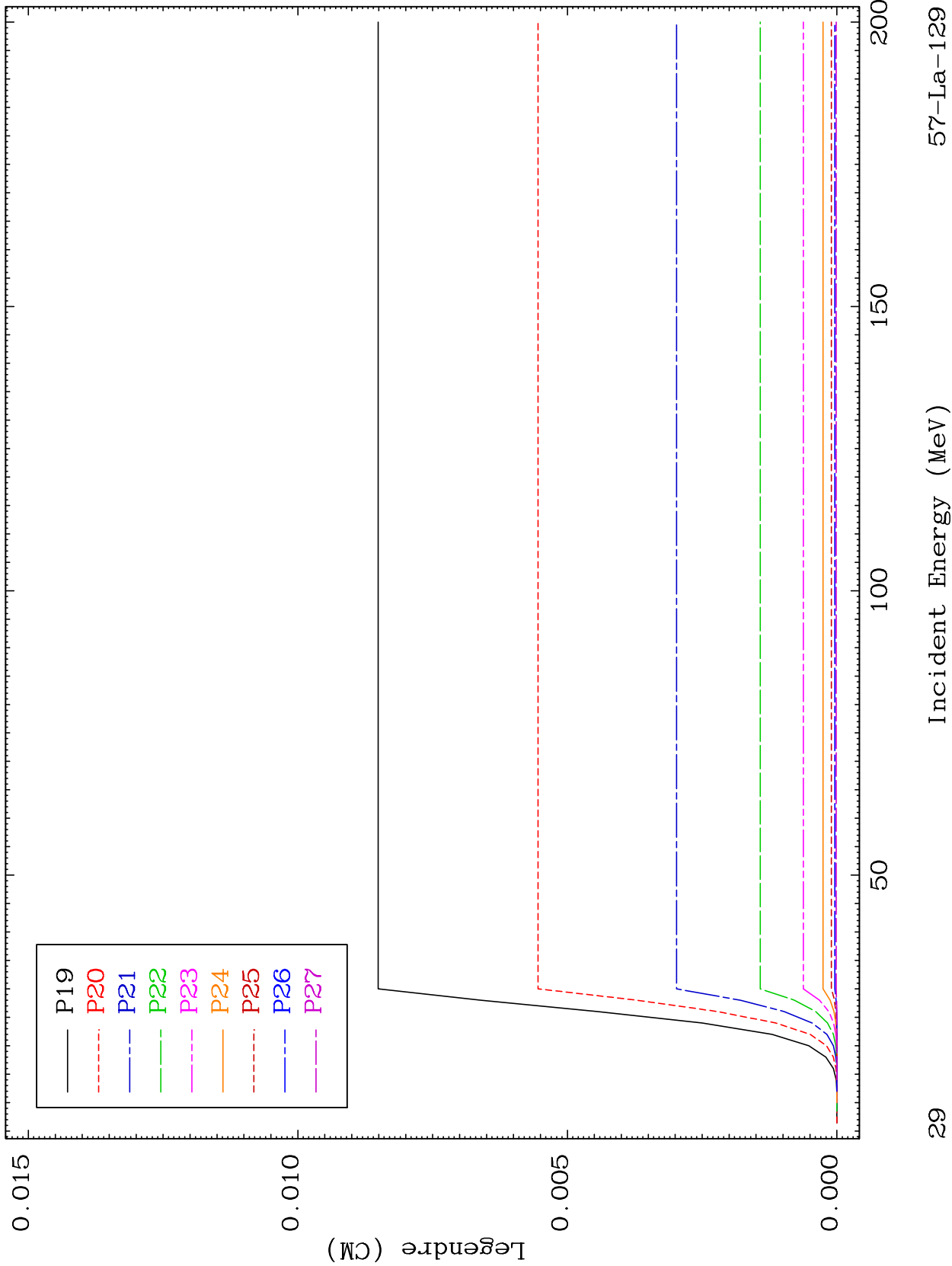
57-La-129



28

Incident Energy (MeV)

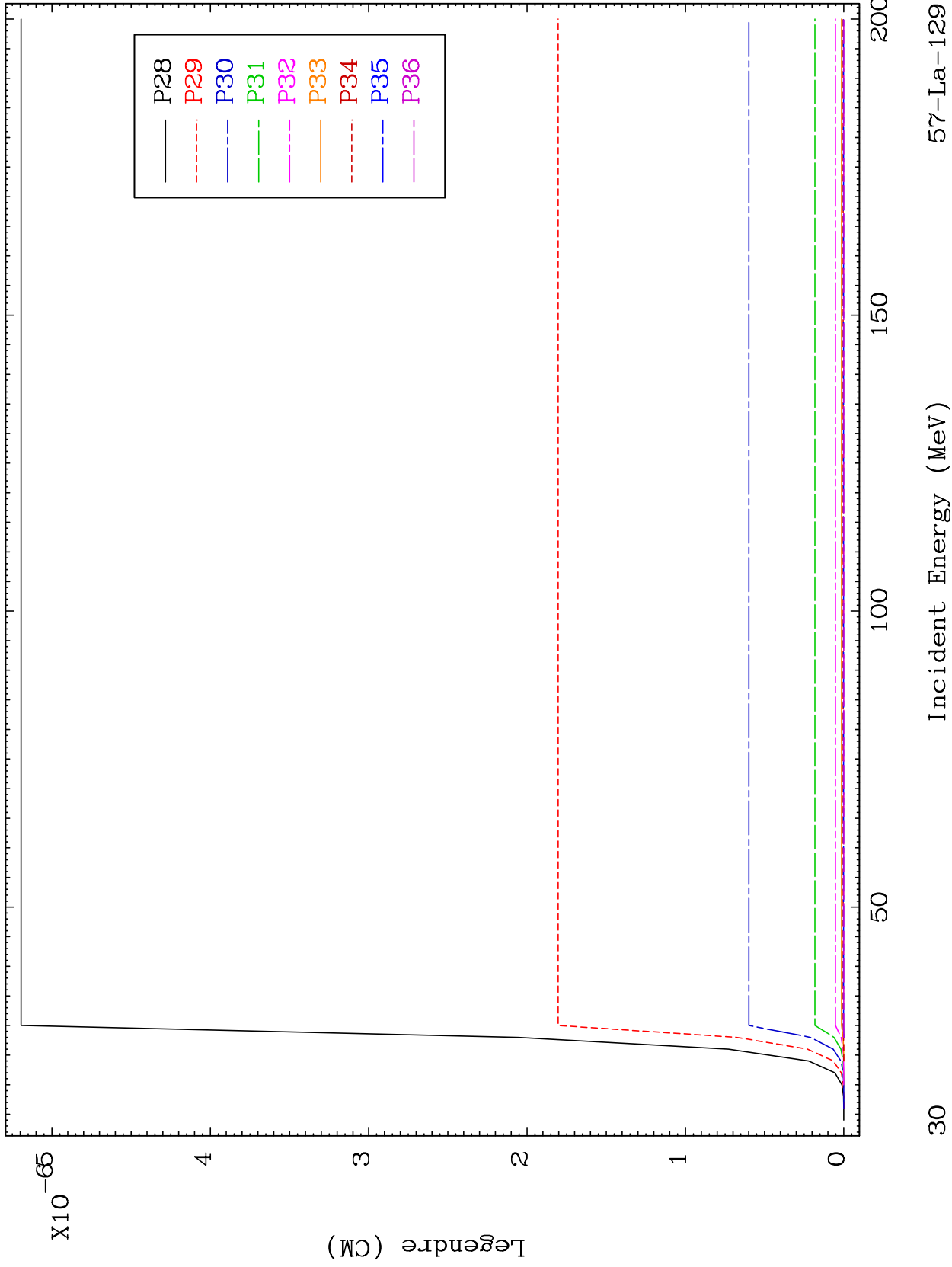
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MAT 5698

247.6 keV (n,n') Level
Legendre Coefficients

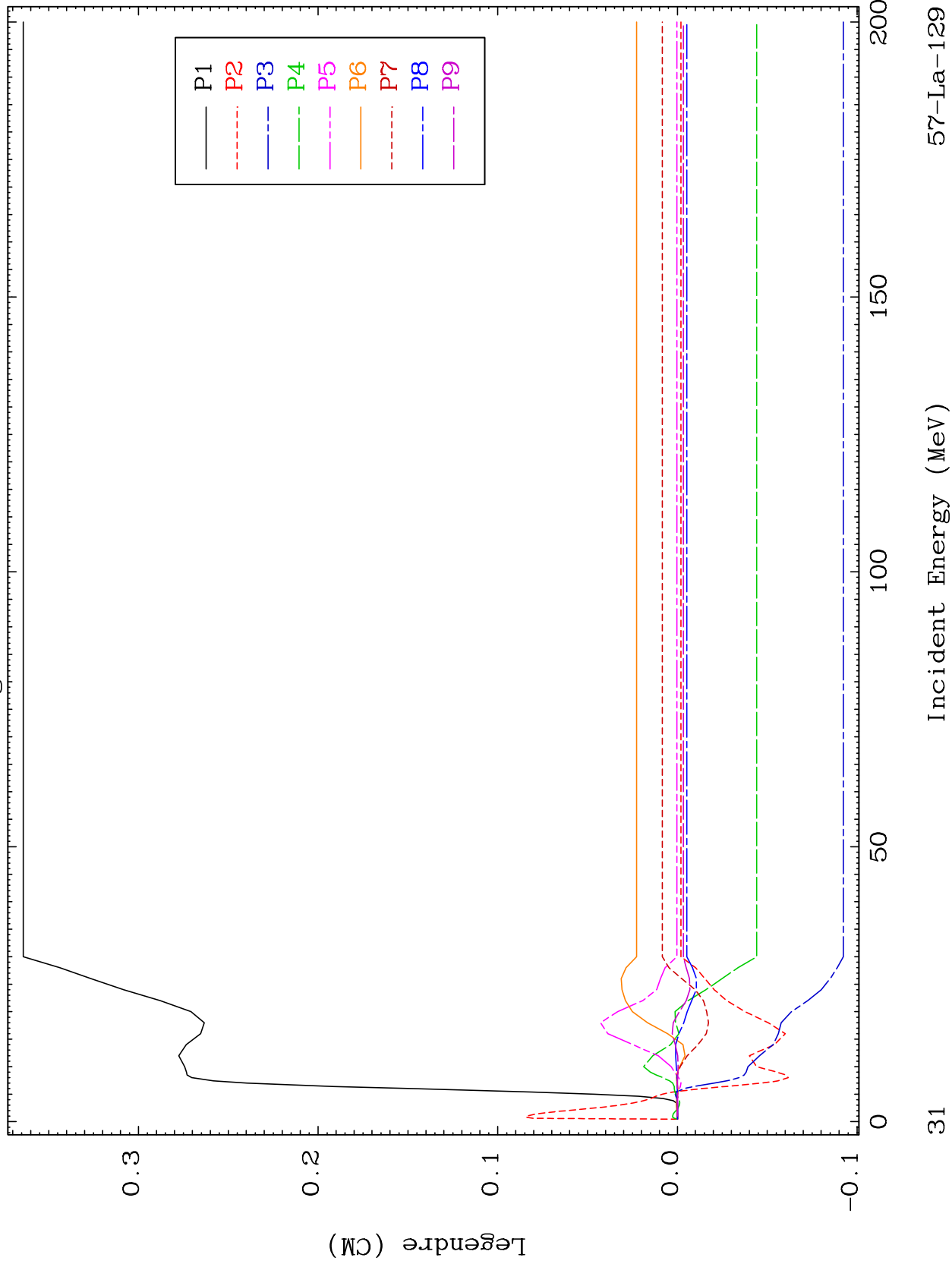
57-La-129



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440.9 keV (n,n') Level
Legendre Coefficients

57-La-129



31

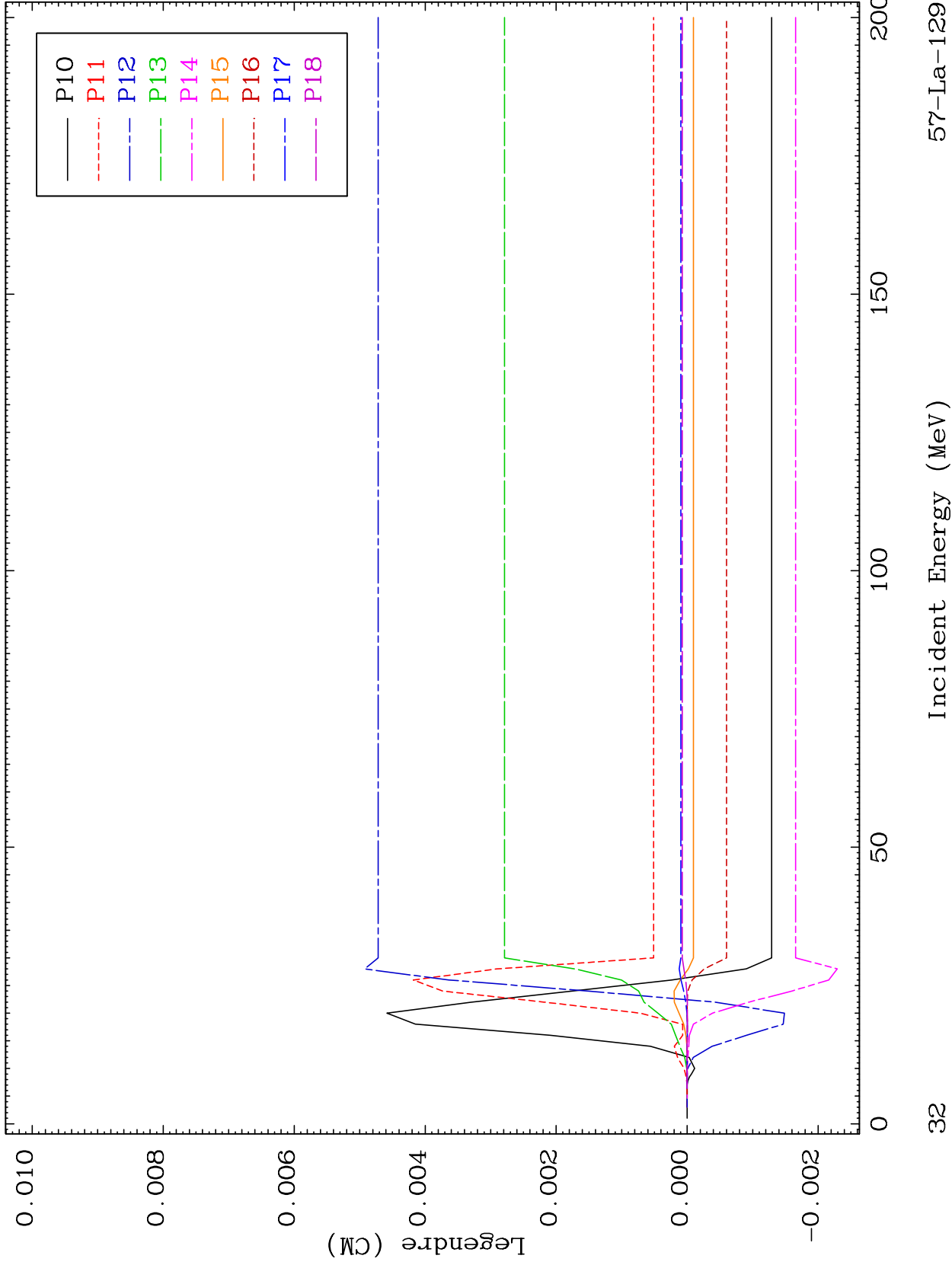
Incident Energy (MeV)

57-La-129

MAT 5698

440.9 keV (n,n') Level
Legendre Coefficients

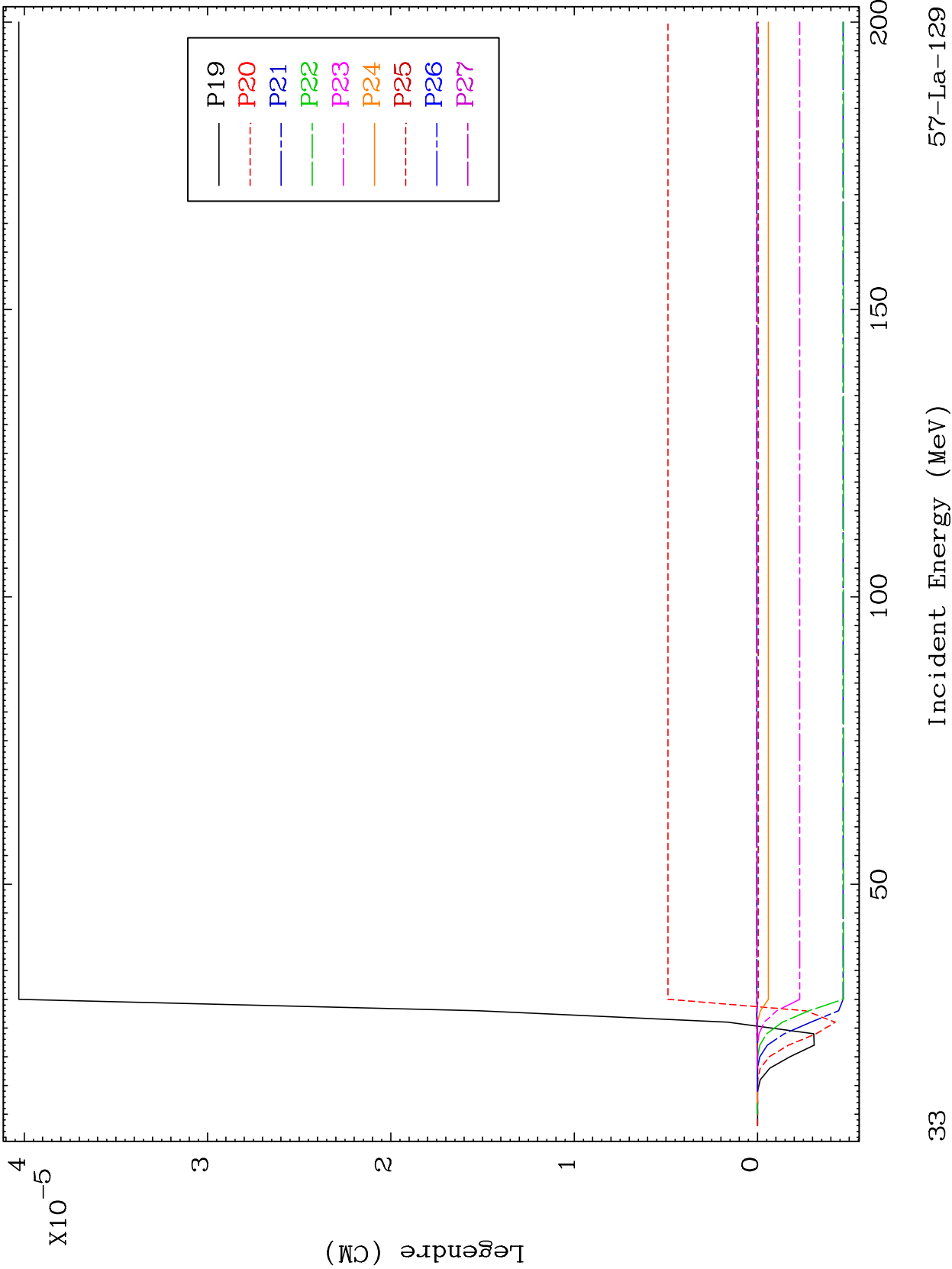
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Incident Energy (MeV)

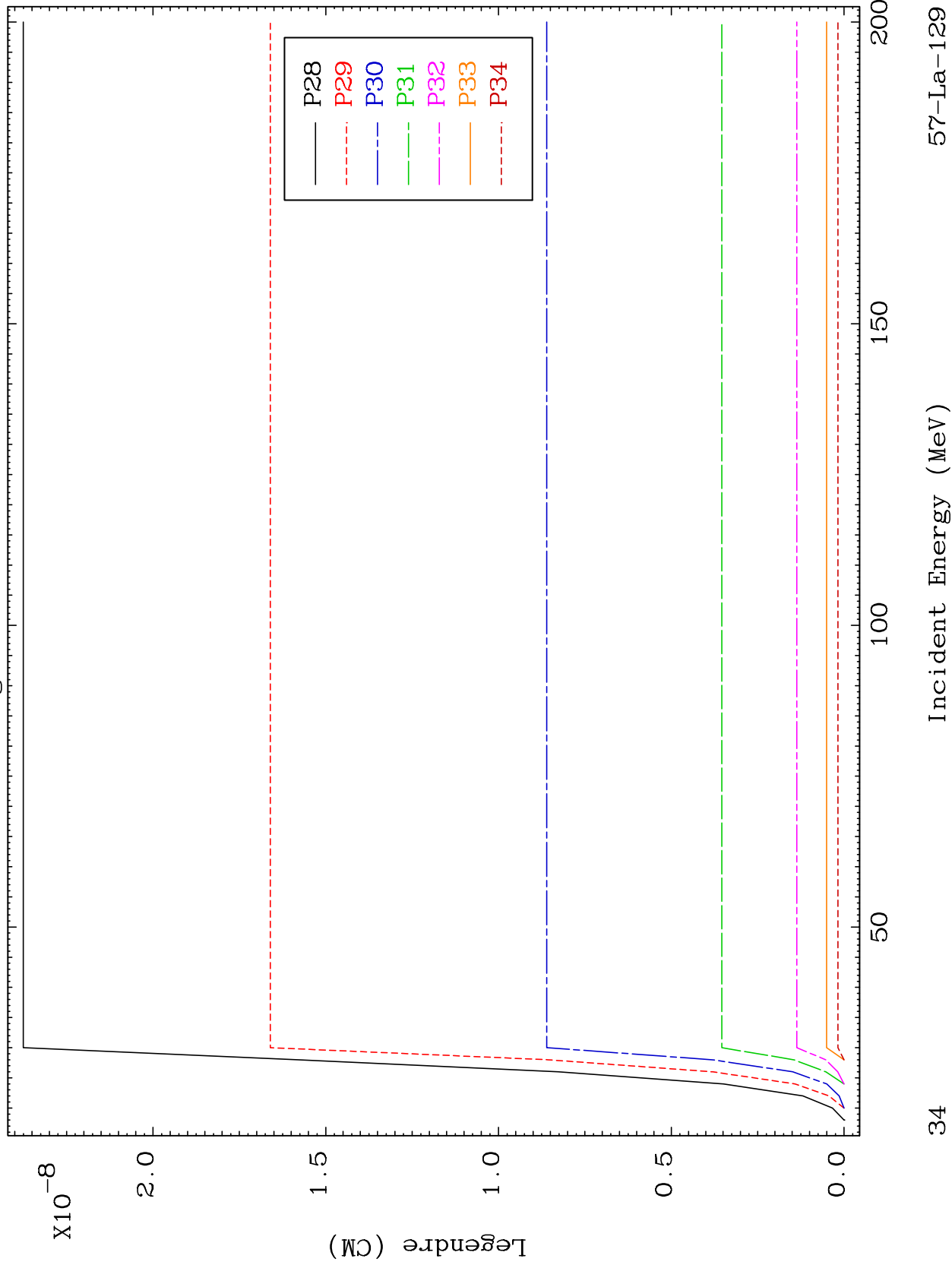
57-La-129



MAT 5698

440.9 keV (n,n') Level
Legendre Coefficients

57-La-129



34

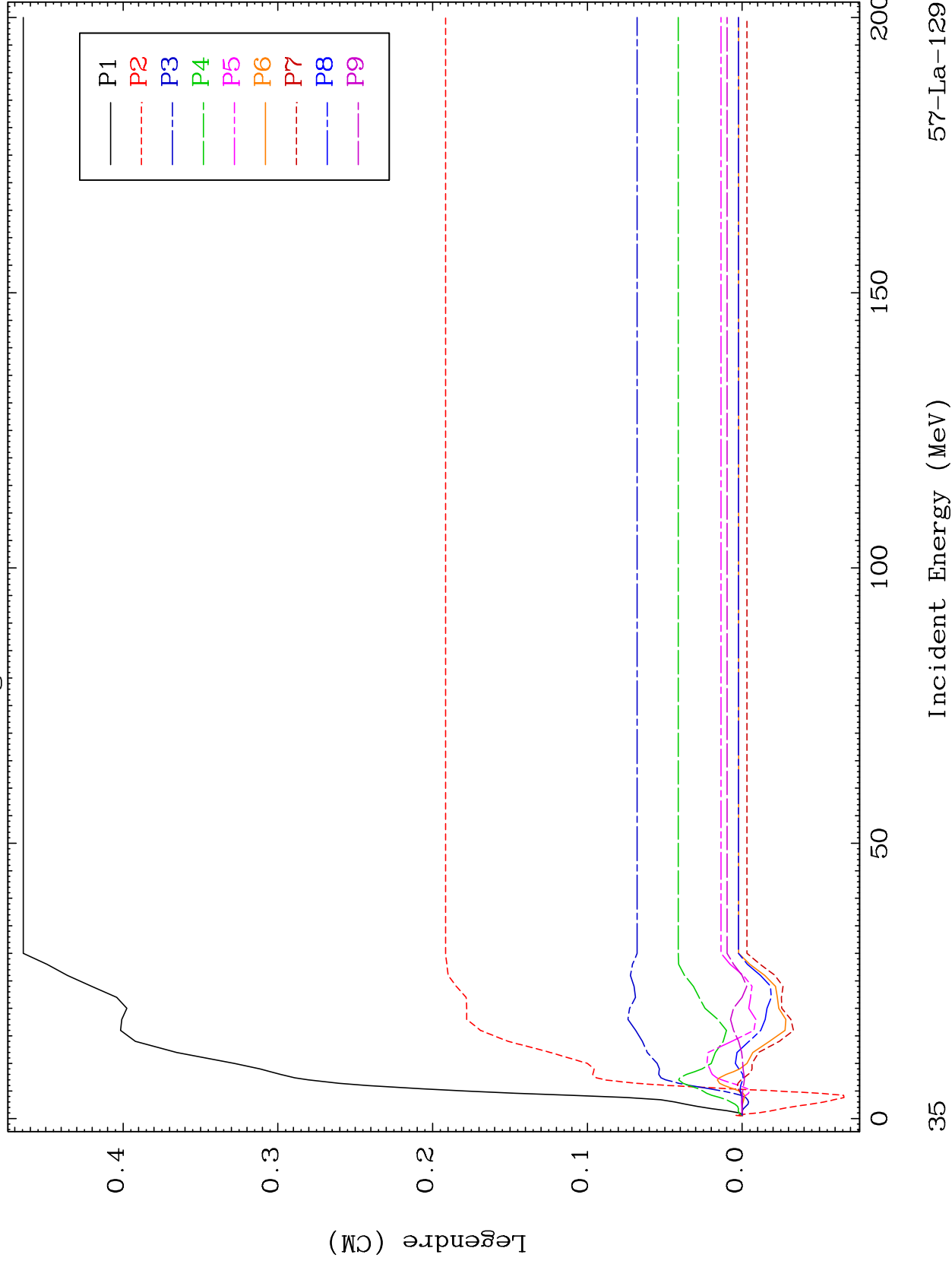
Incident Energy (MeV)

57-La-129

MAT 5698

445.1 keV (n,n') Level
Legendre Coefficients

57-La-129



57-La-129

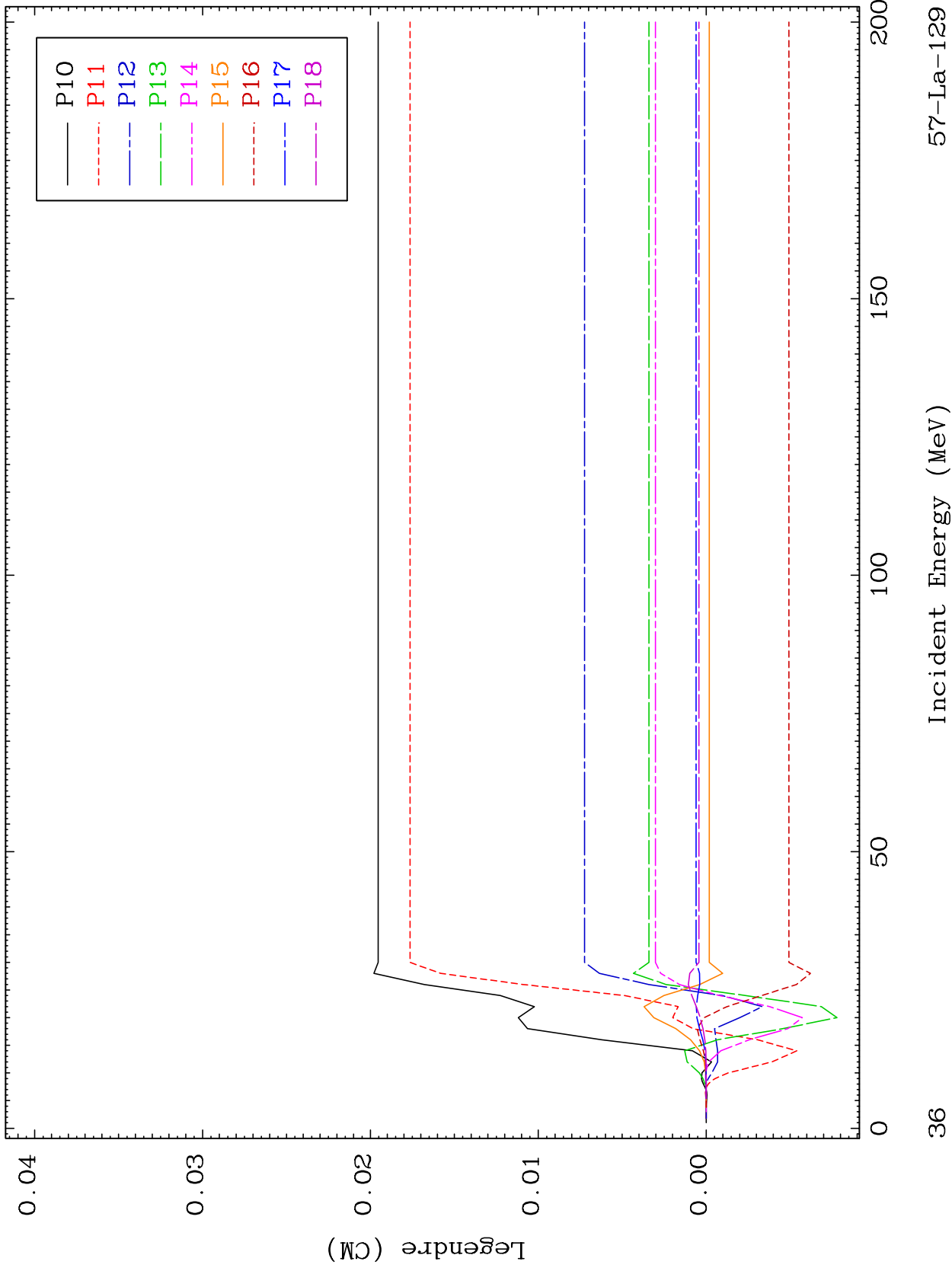
Incident Energy (MeV)

35

MAT 5698

445.1 keV (n,n') Level
Legendre Coefficients

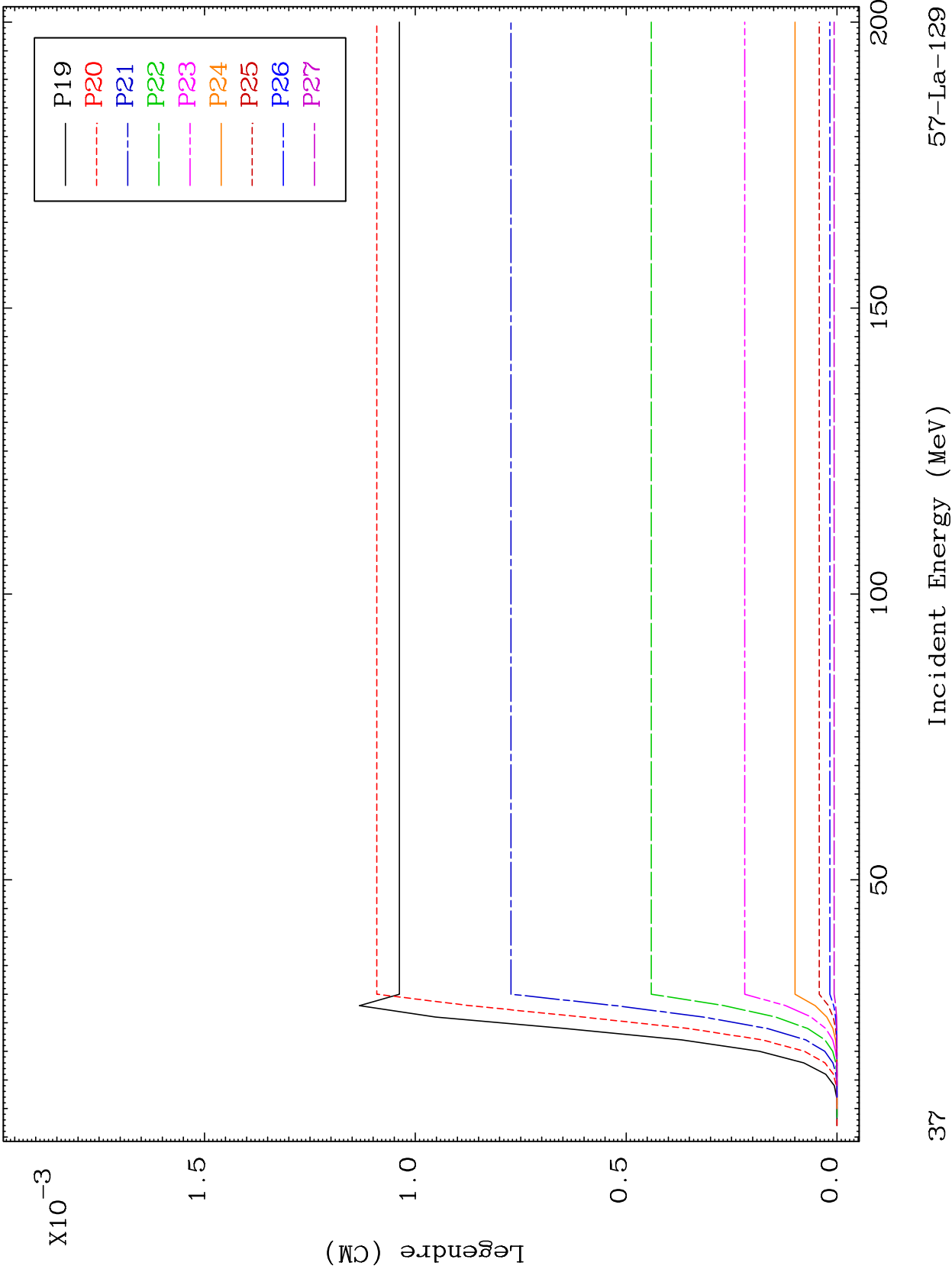
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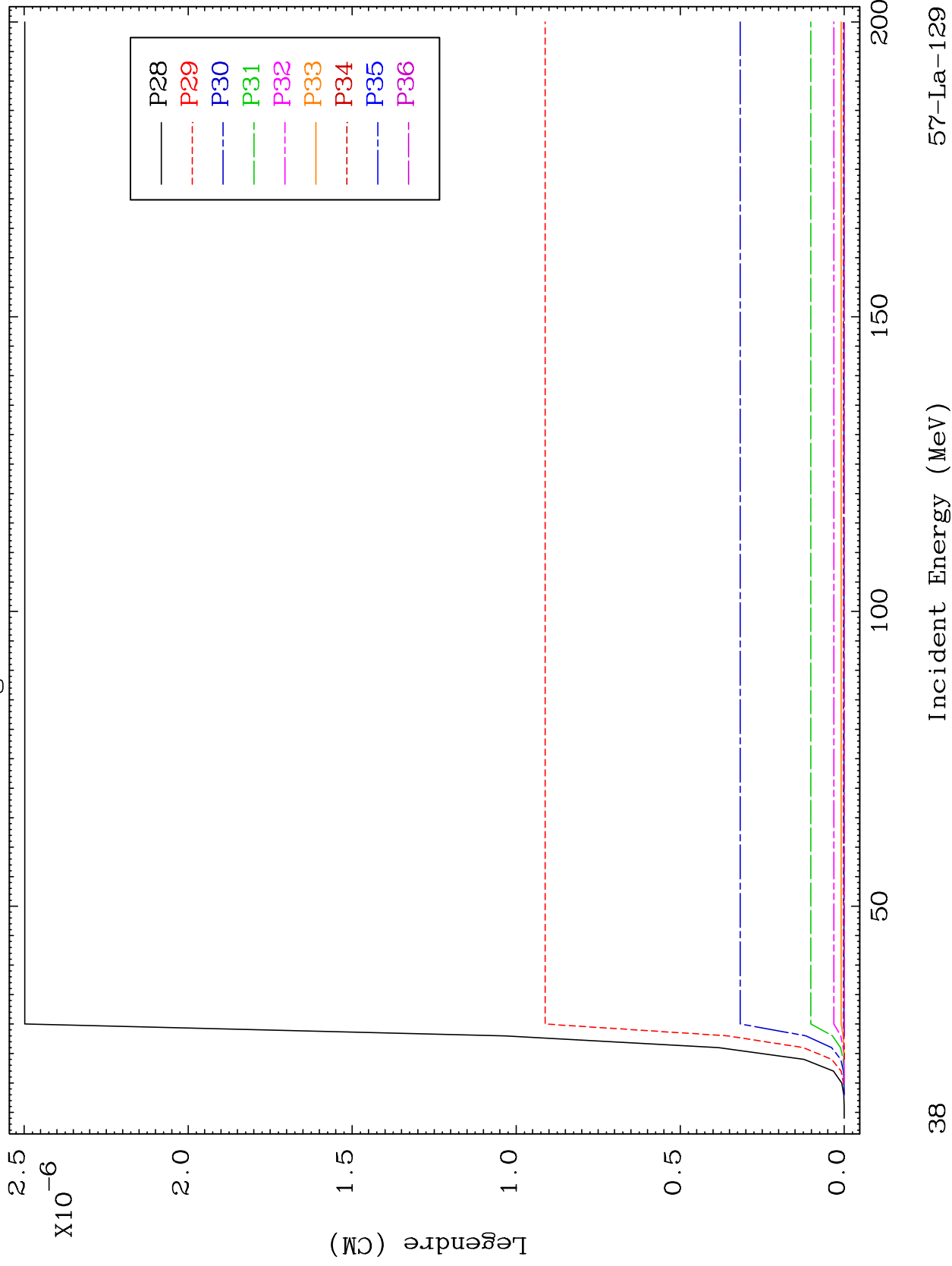


36

Incident Energy (MeV)

57-La-129

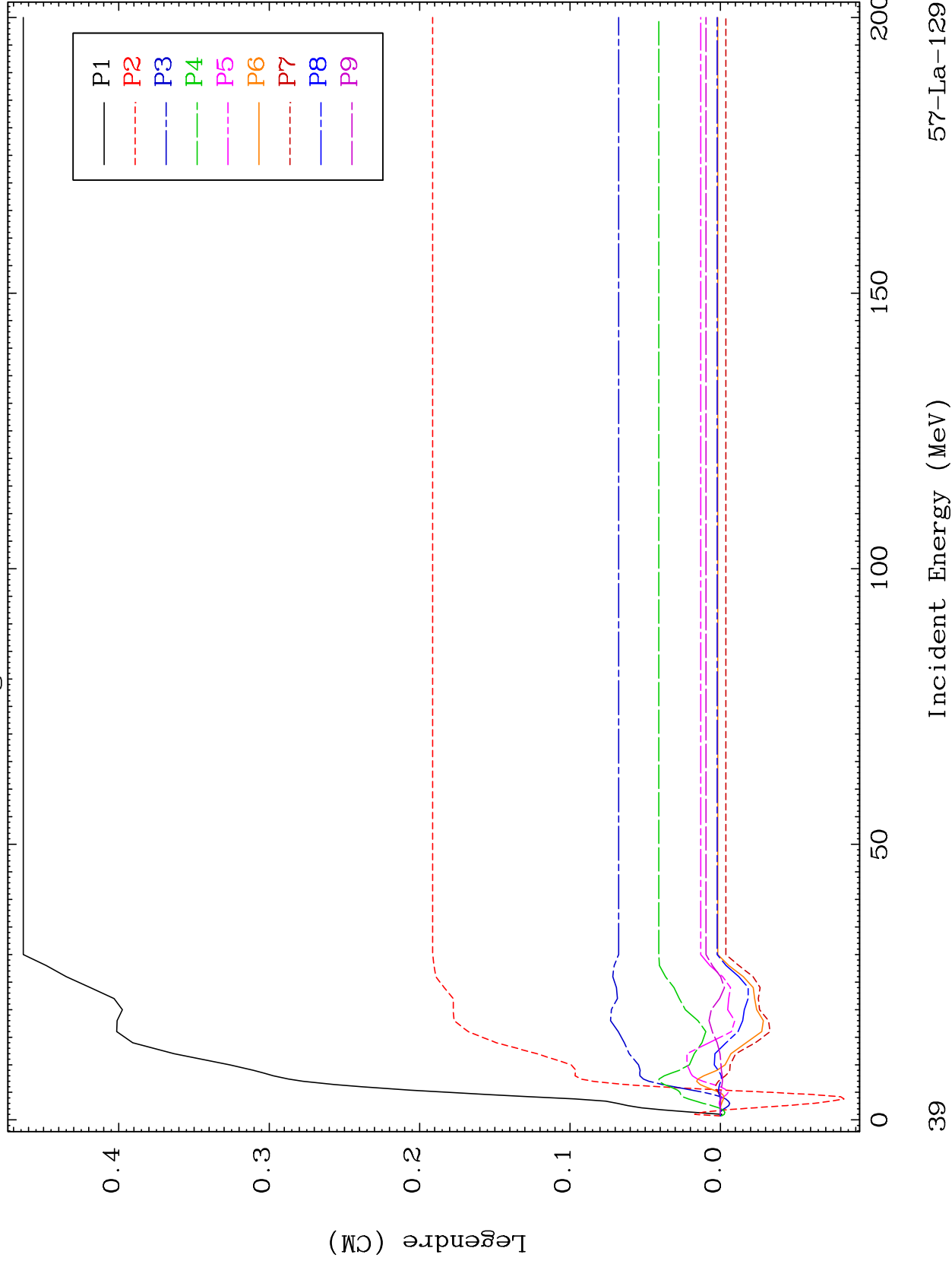




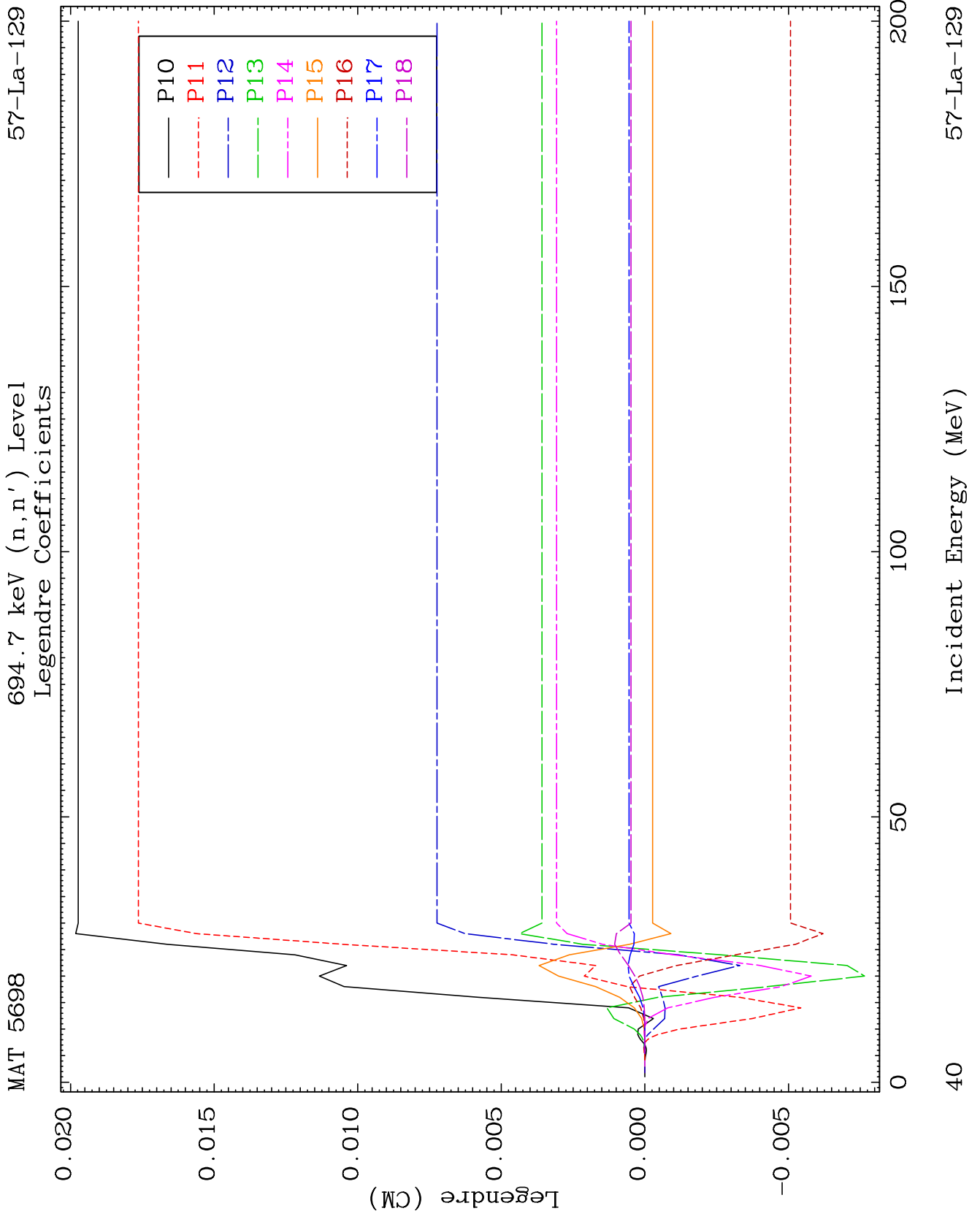
MAT 5698

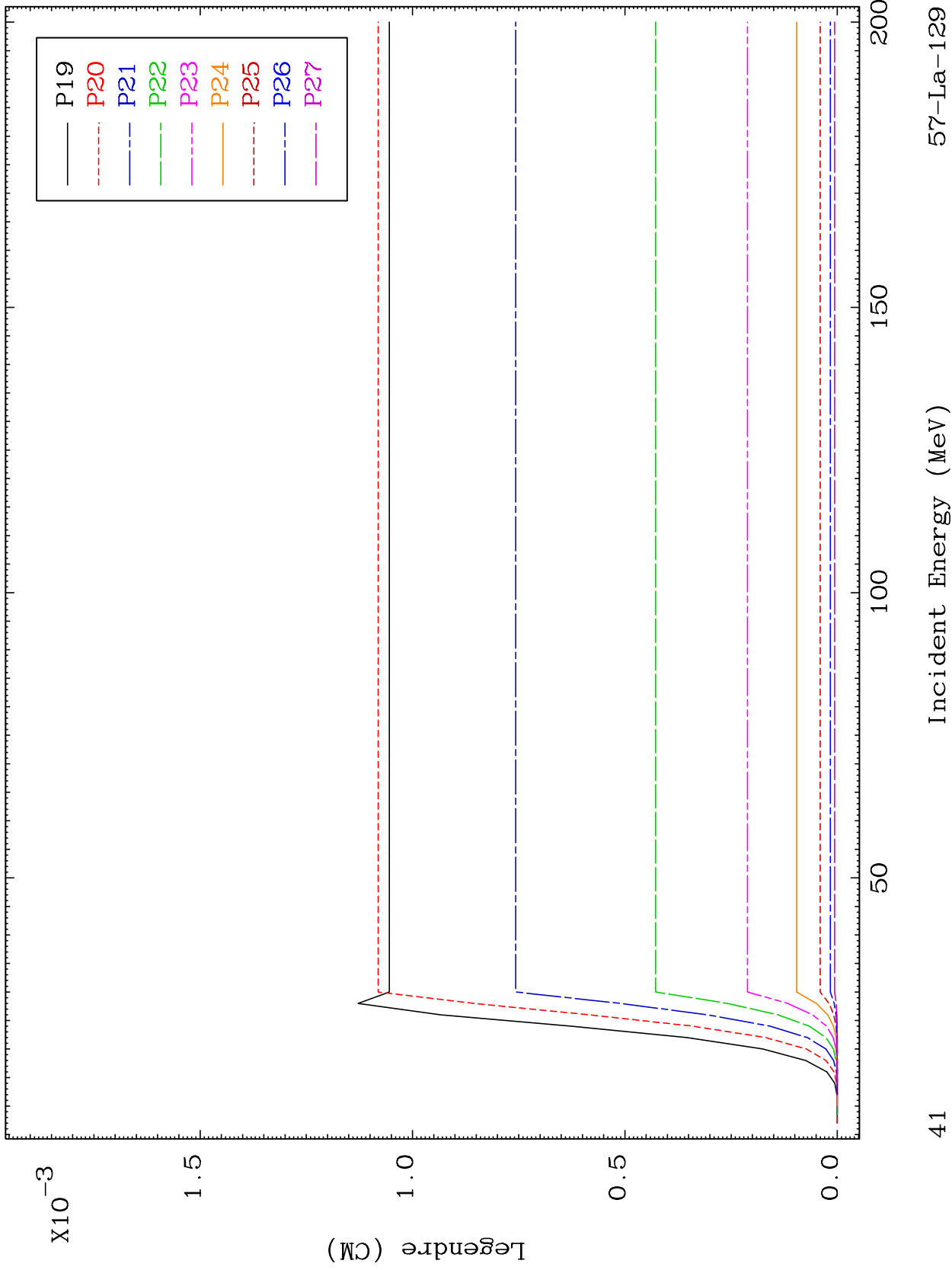
694.7 keV (n,n') Level
Legendre Coefficients

57-La-129



39

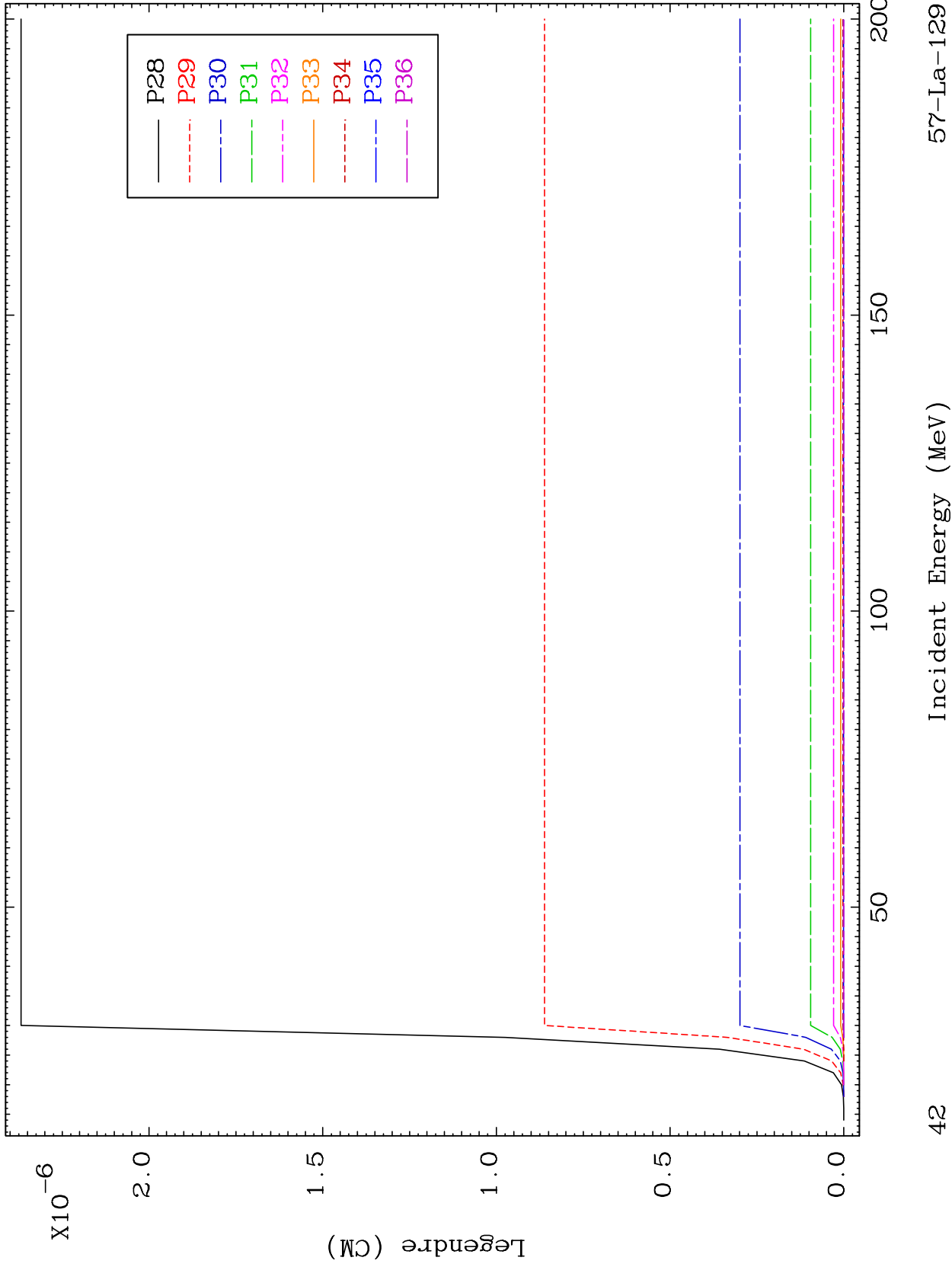




MAT 5698

694.7 keV (n,n') Level
Legendre Coefficients

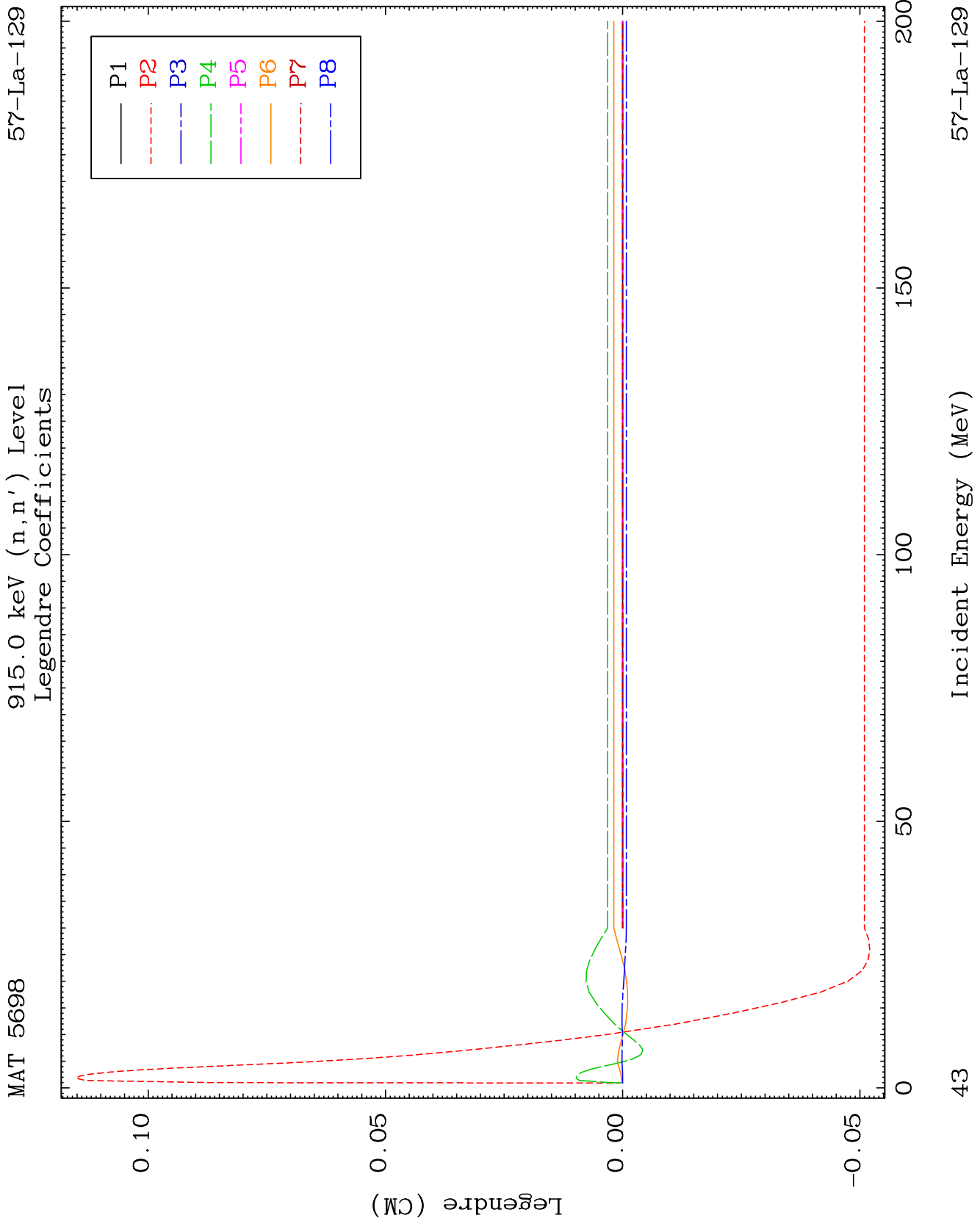
57-La-129



42

Incident Energy (MeV)

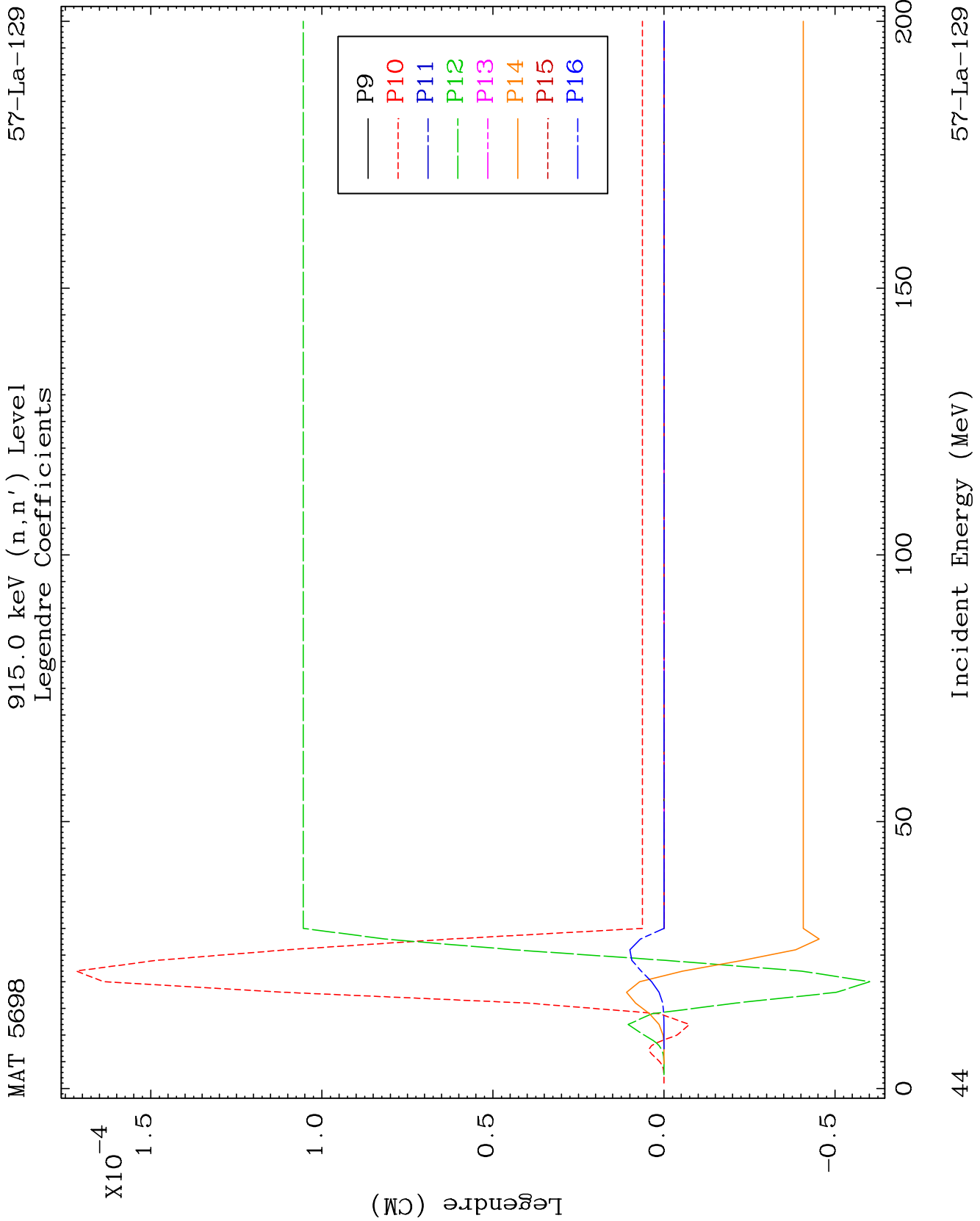
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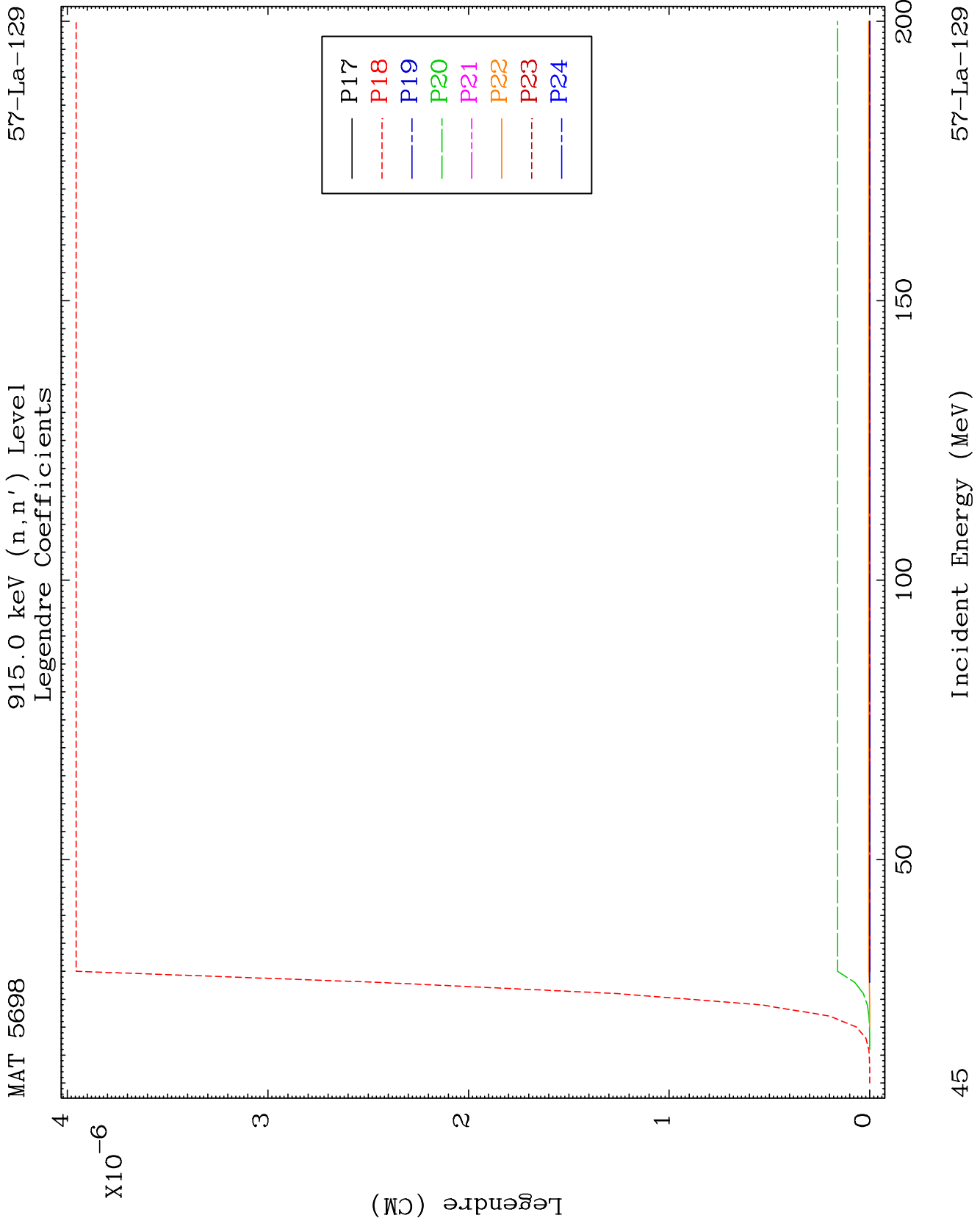


57-La-129

Incident Energy (MeV)

43

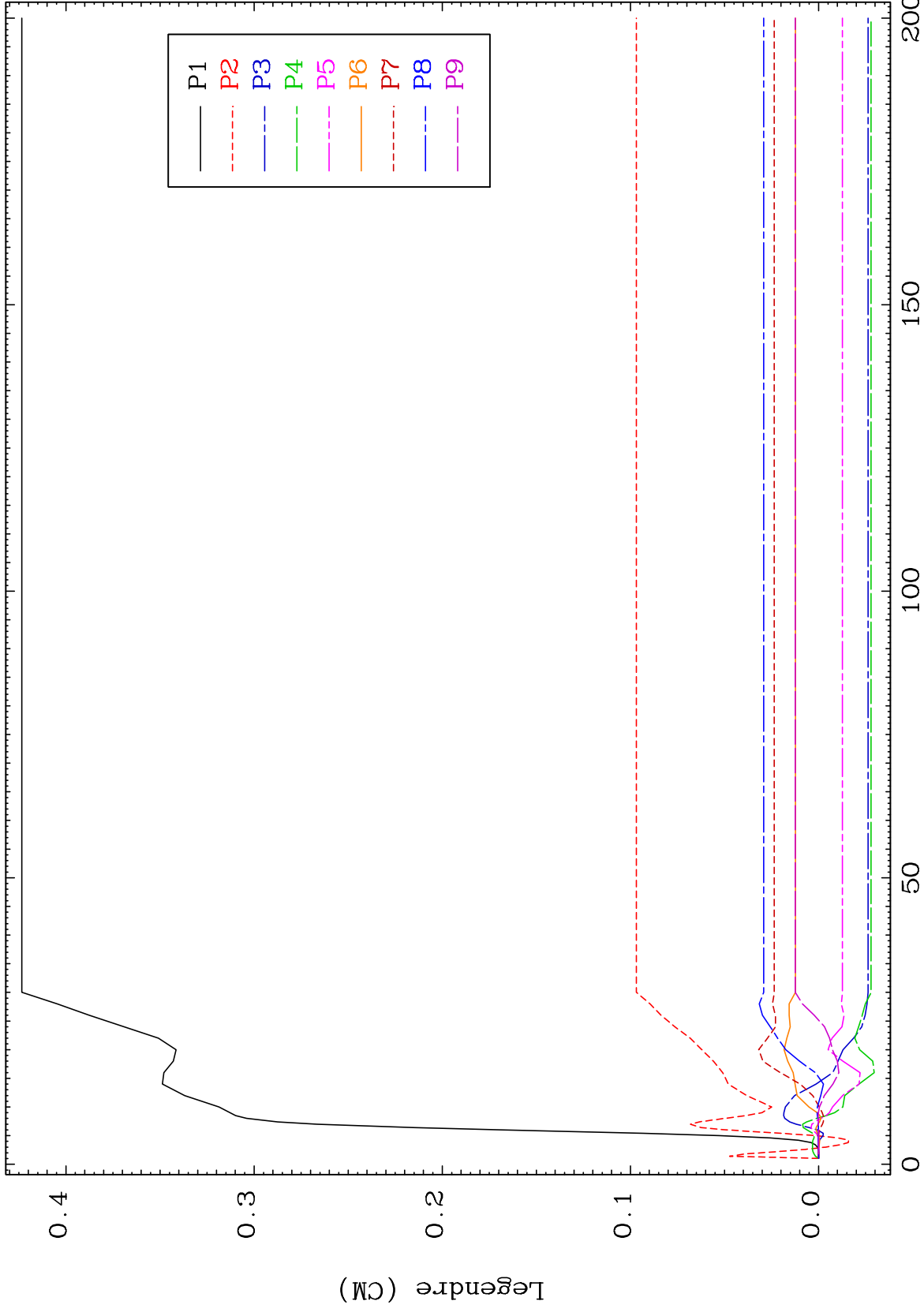




MAT 5698

1.020 MeV (n,n') Level
Legendre Coefficients

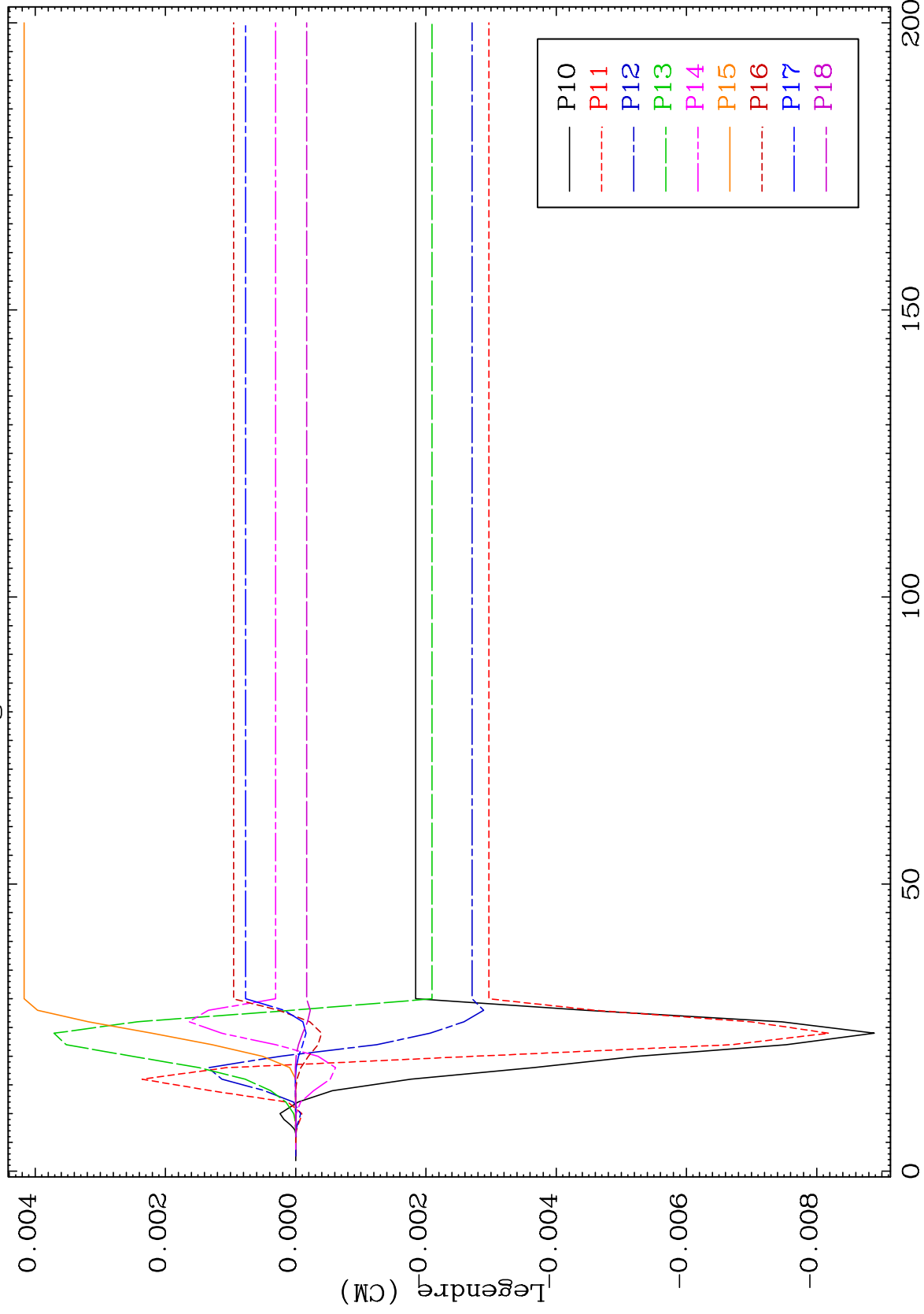
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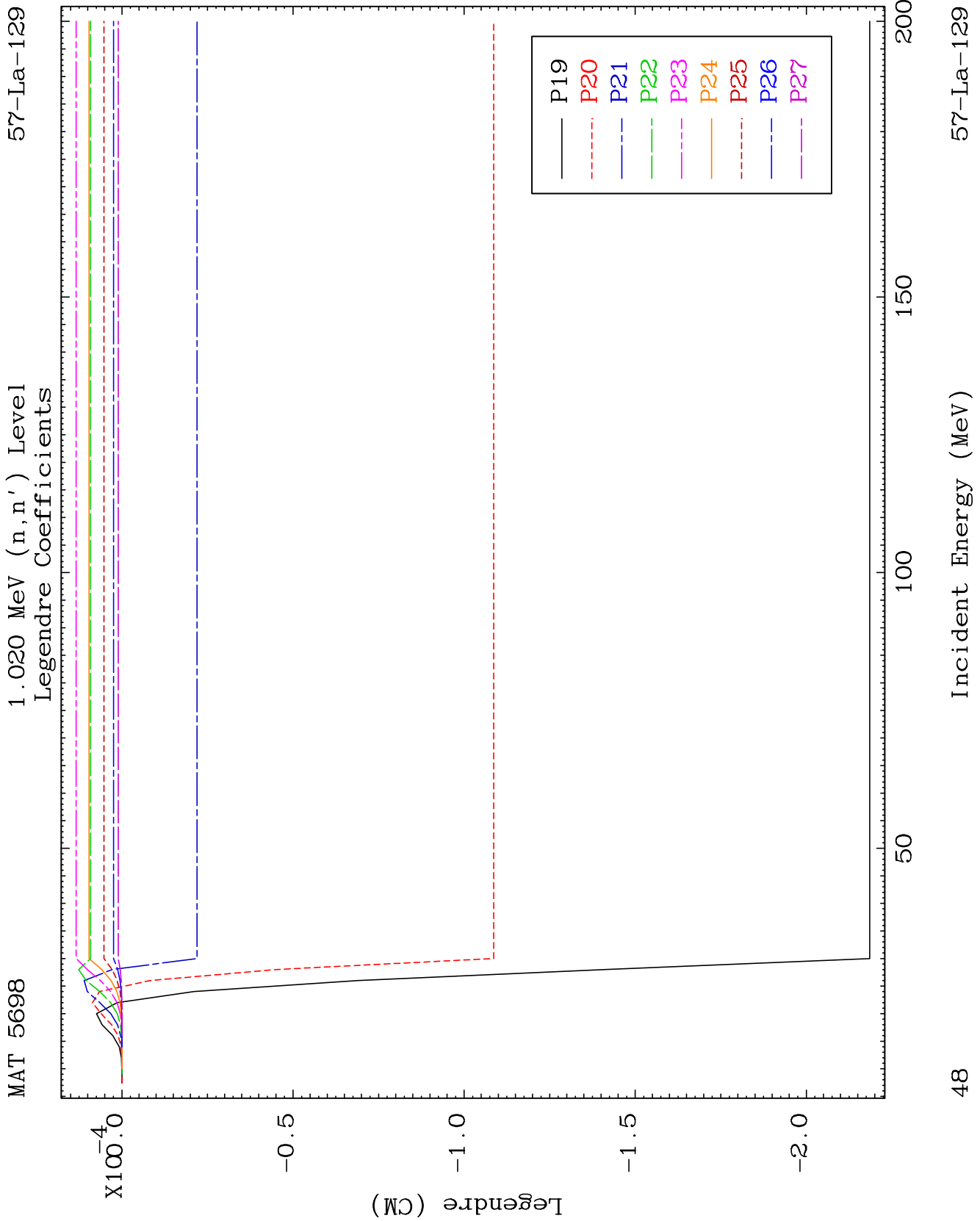


57-La-129

Incident Energy (MeV)

46

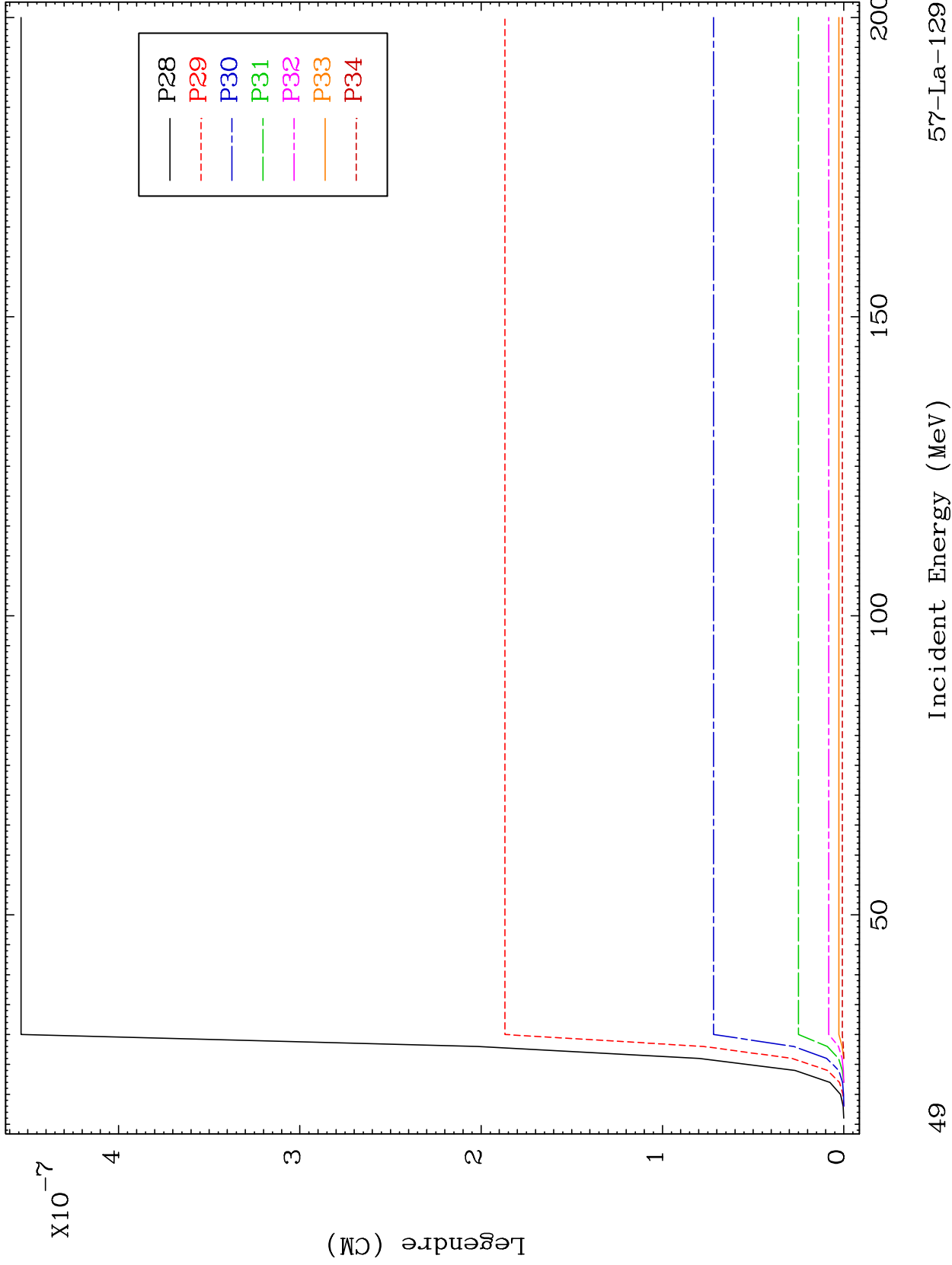




MAT 5698

1.020 MeV (n,n') Level
Legendre Coefficients

57-La-129



49

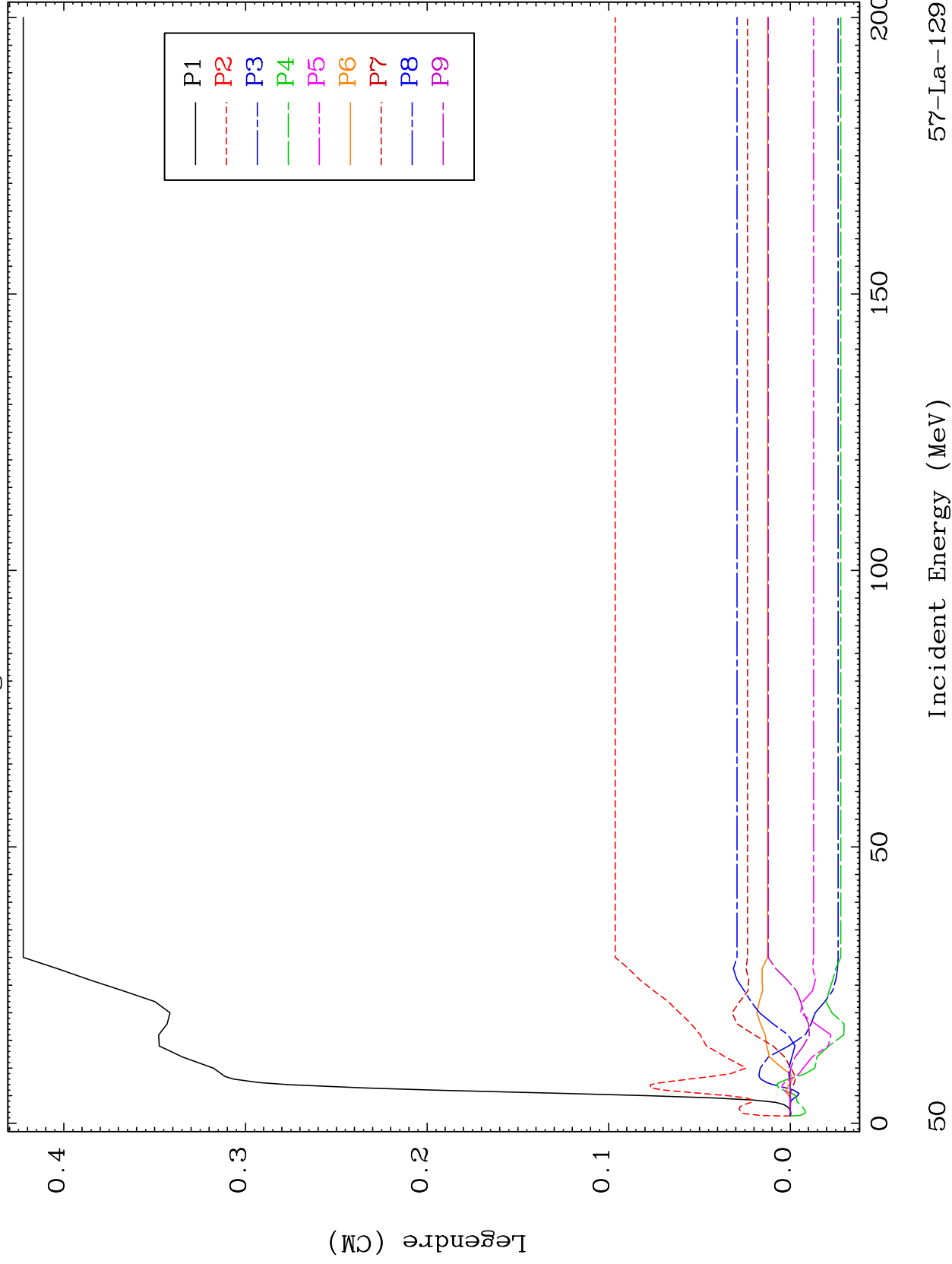
Incident Energy (MeV)

57-La-129

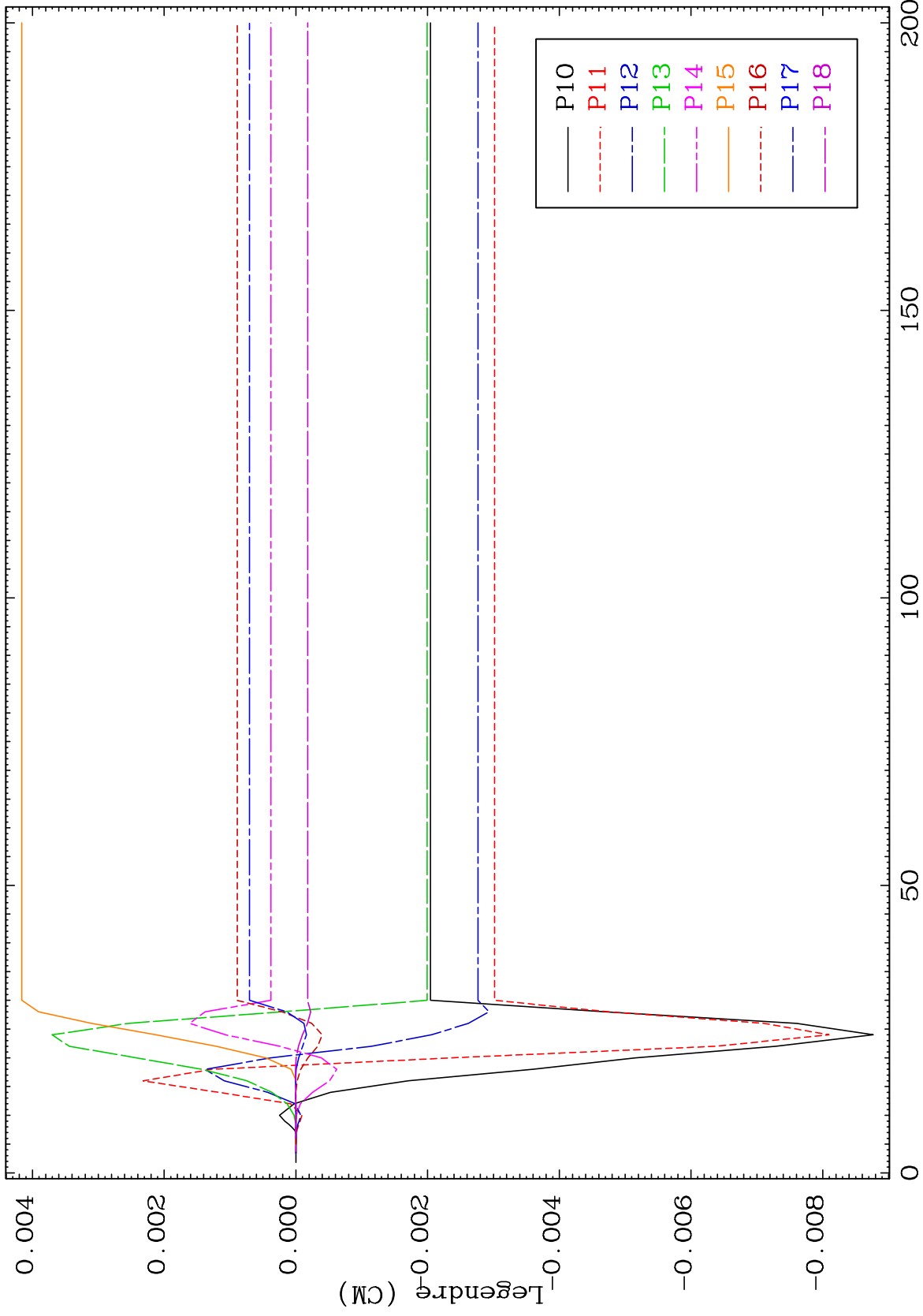
MAT 5698

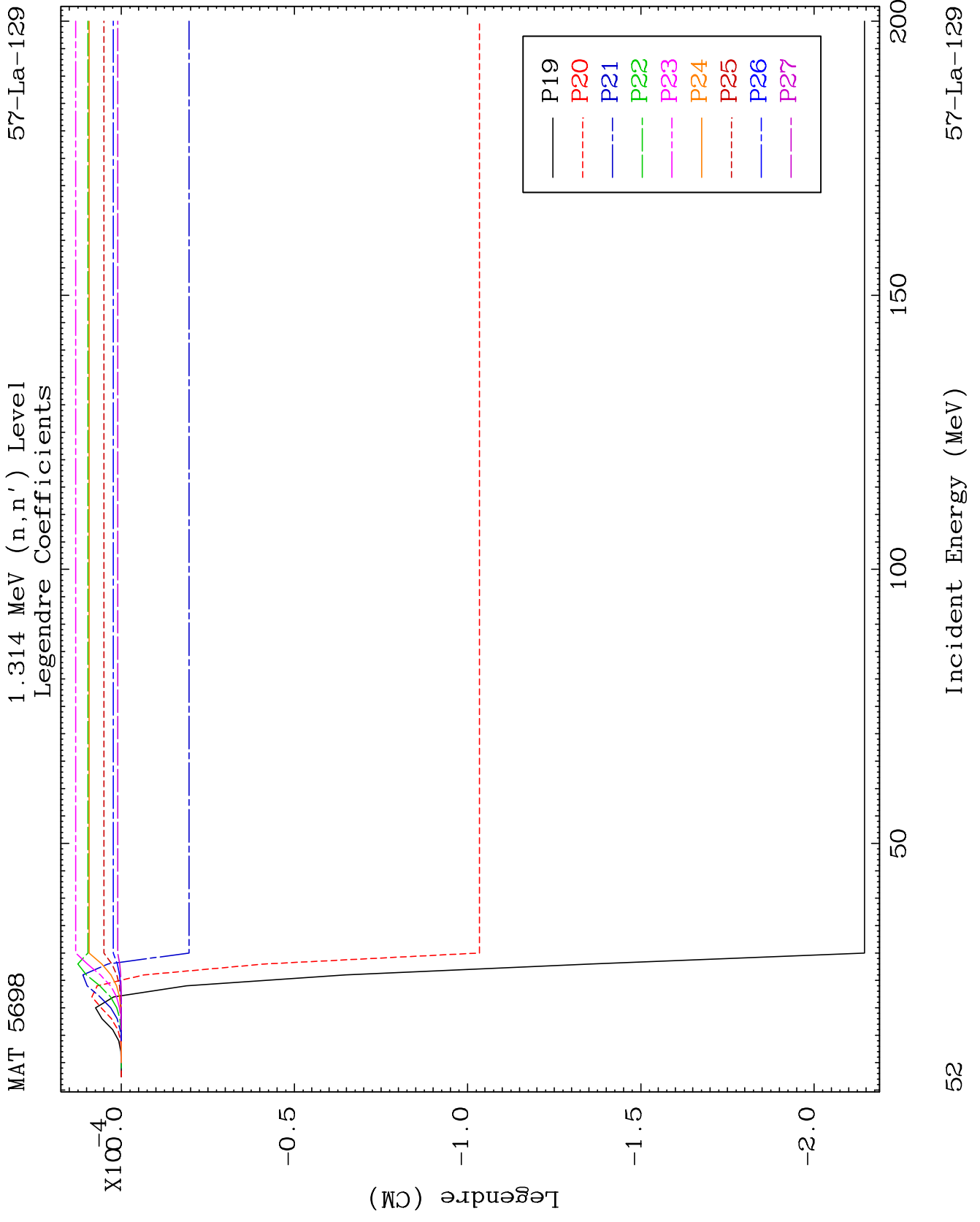
1.314 MeV (n,n') Level
Legendre Coefficients

57-La-129



57-La-129

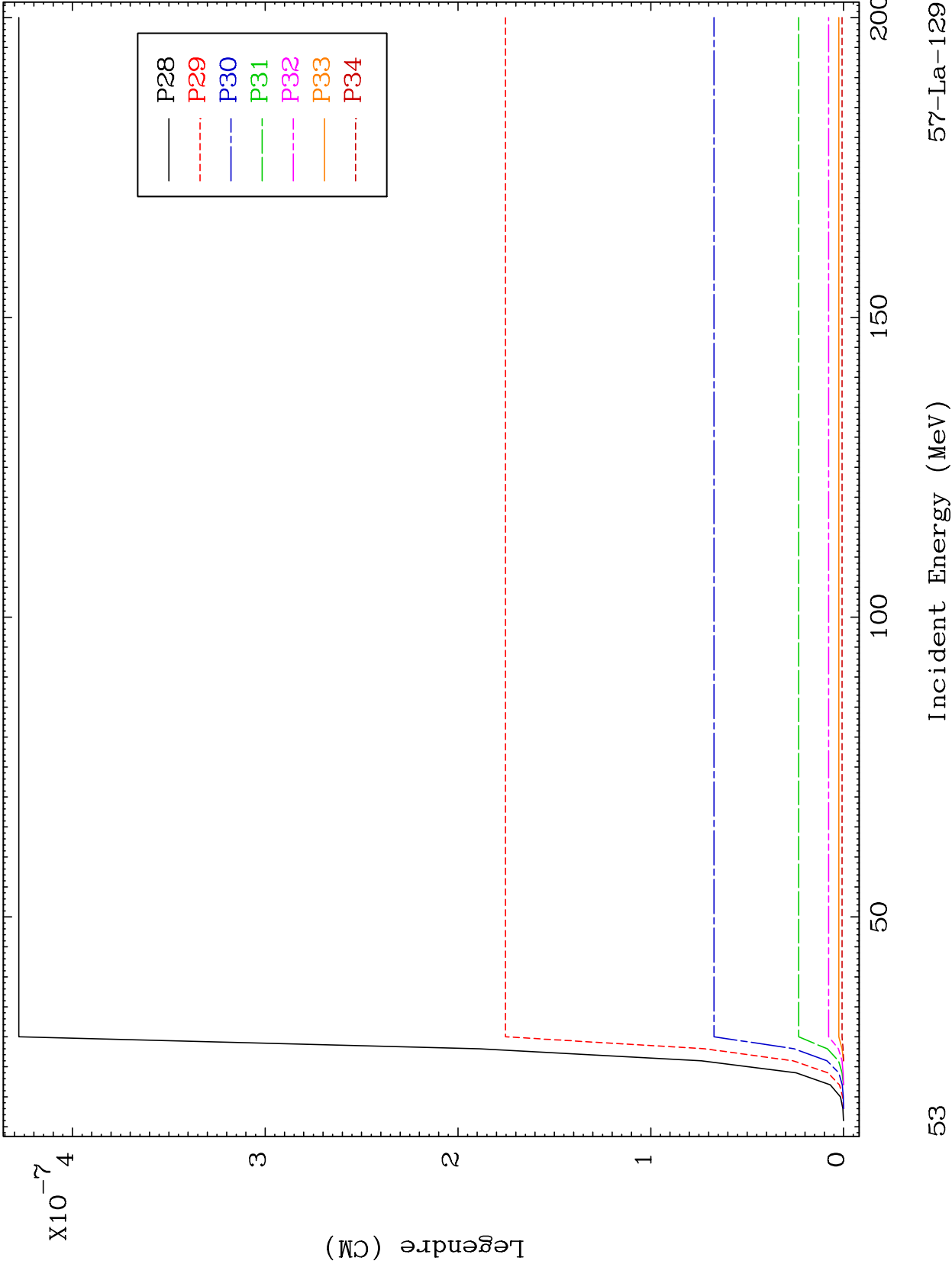




MAT 5698

1.314 MeV (n,n') Level
Legendre Coefficients

57-La-129



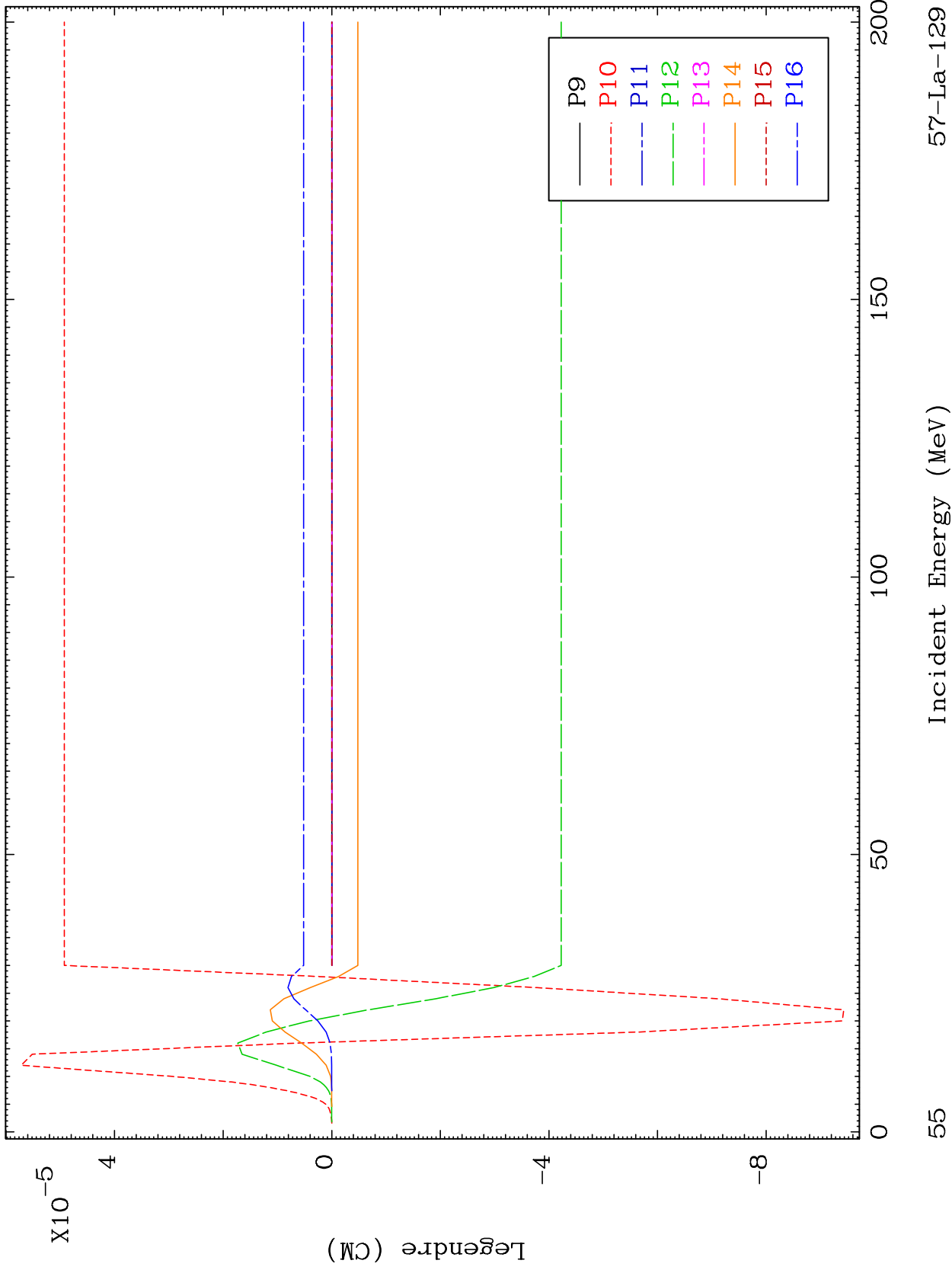
53

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MAT 5698

1.556 MeV (n,n') Level
Legendre Coefficients

57-La-129



57-La-129

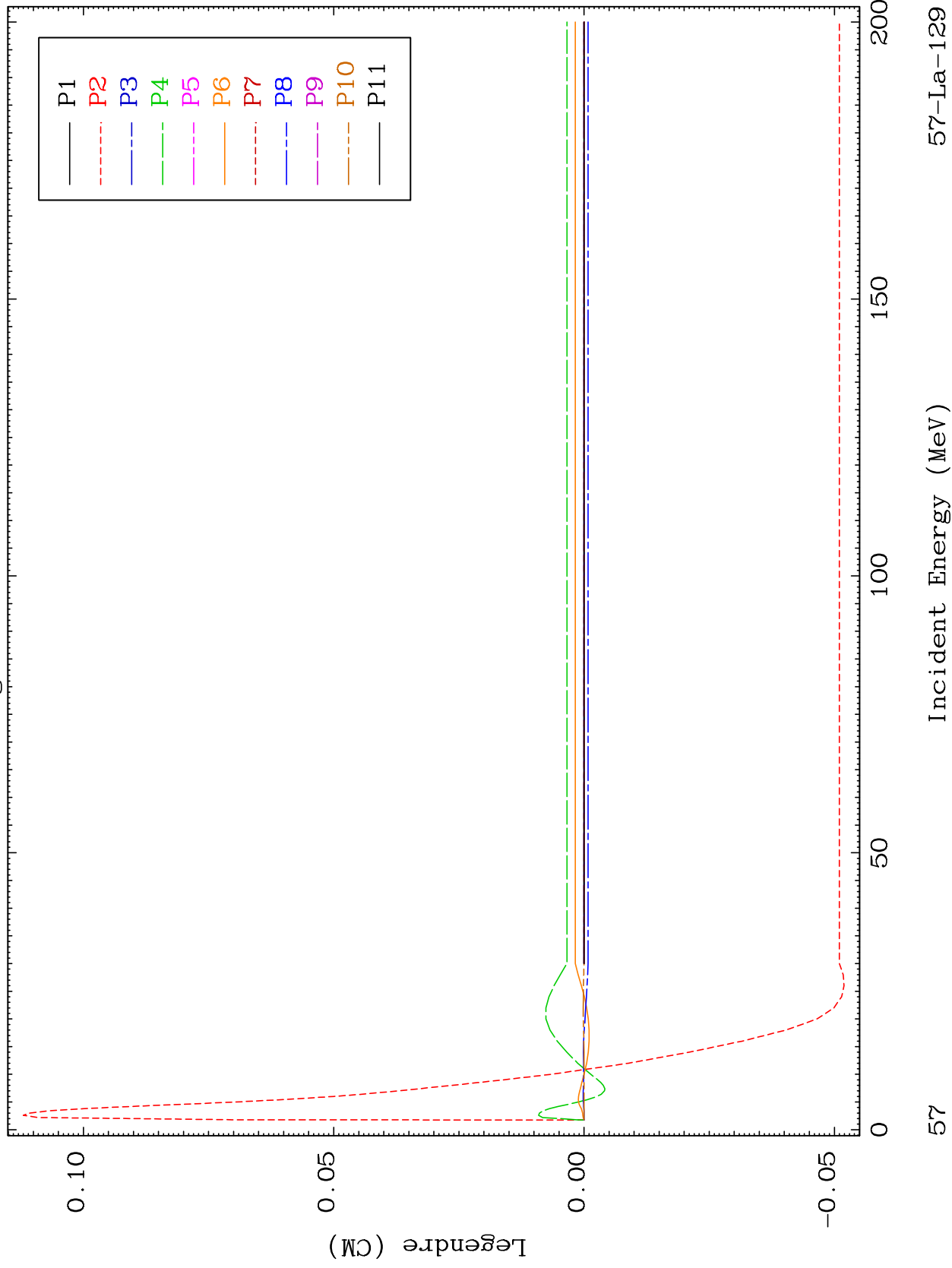
Incident Energy (MeV)

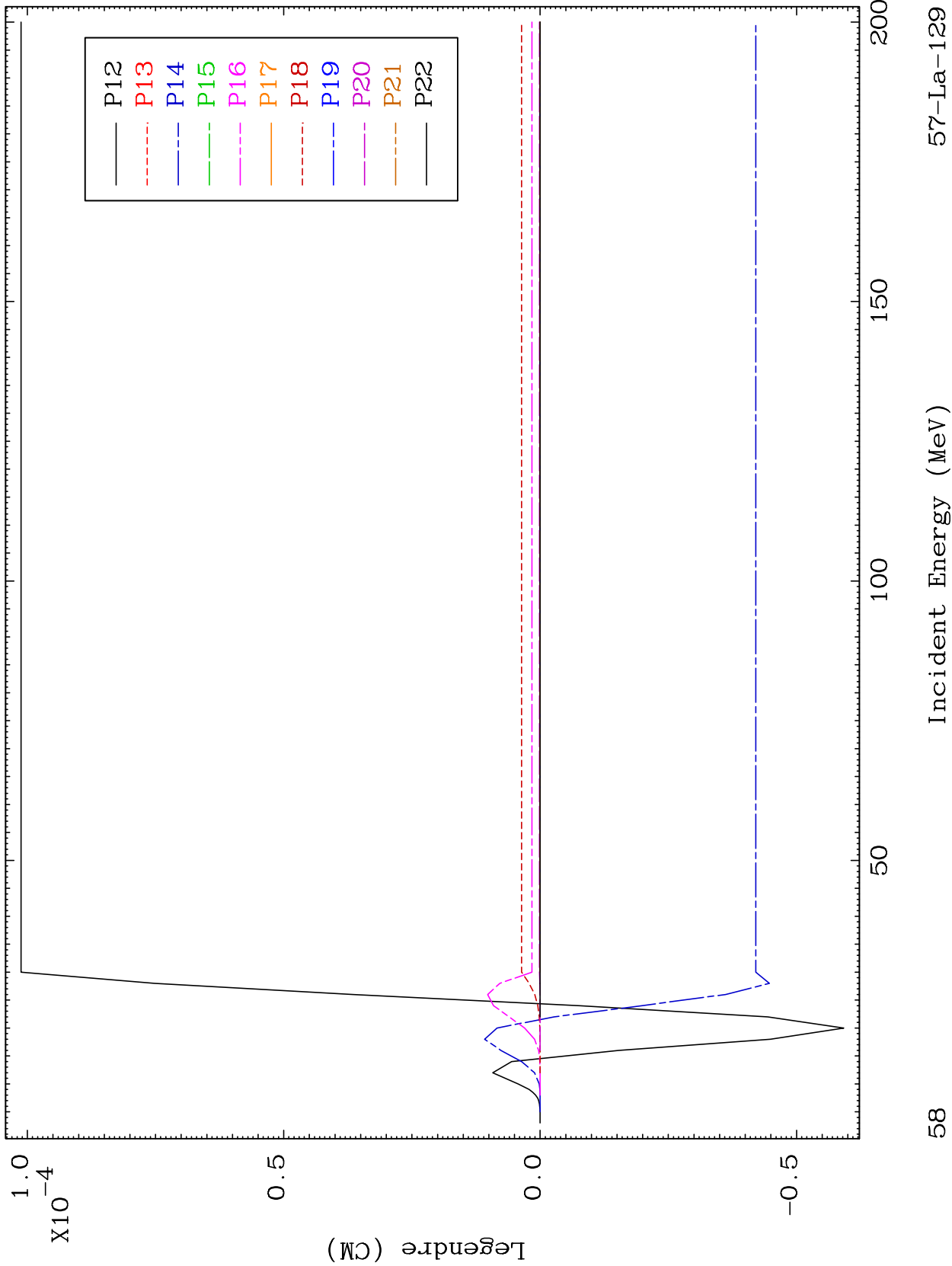
55

MAT 5698

1.722 MeV (n,n') Level
Legendre Coefficients

57-La-129

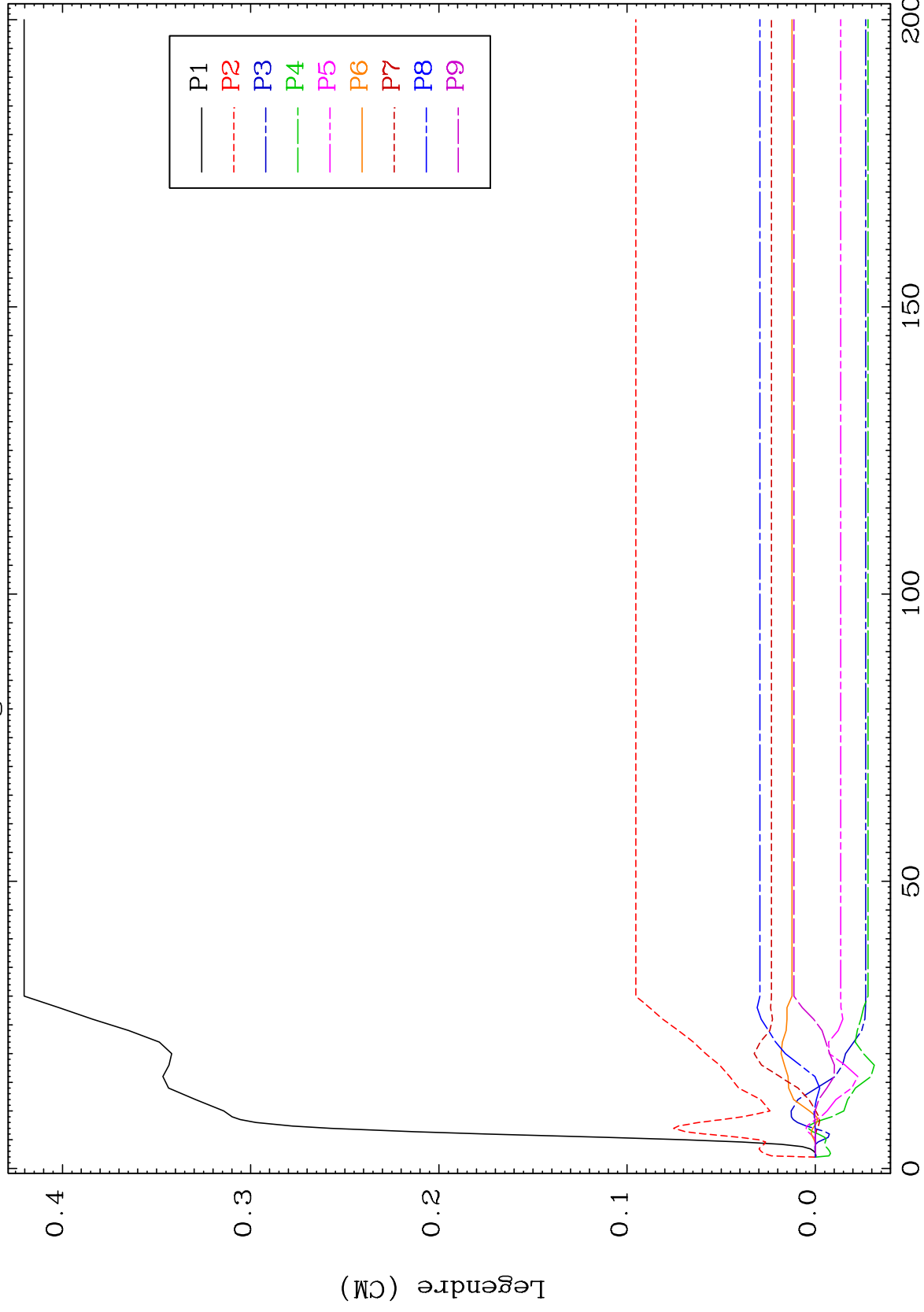




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1.948 MeV (n,n') Level
Legendre Coefficients

57-La-129



59

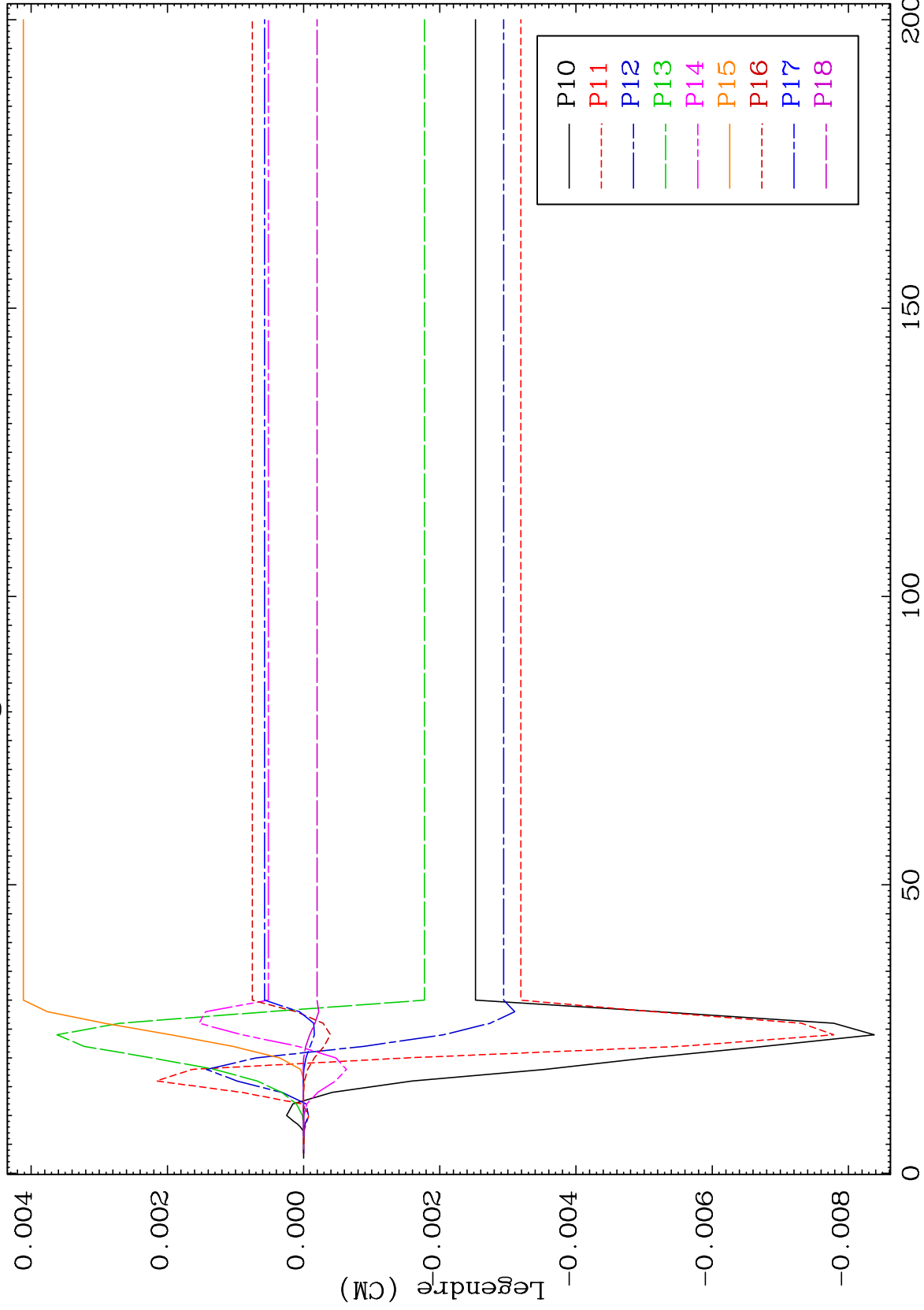
Incident Energy (MeV)

57-La-129

MAT 5698

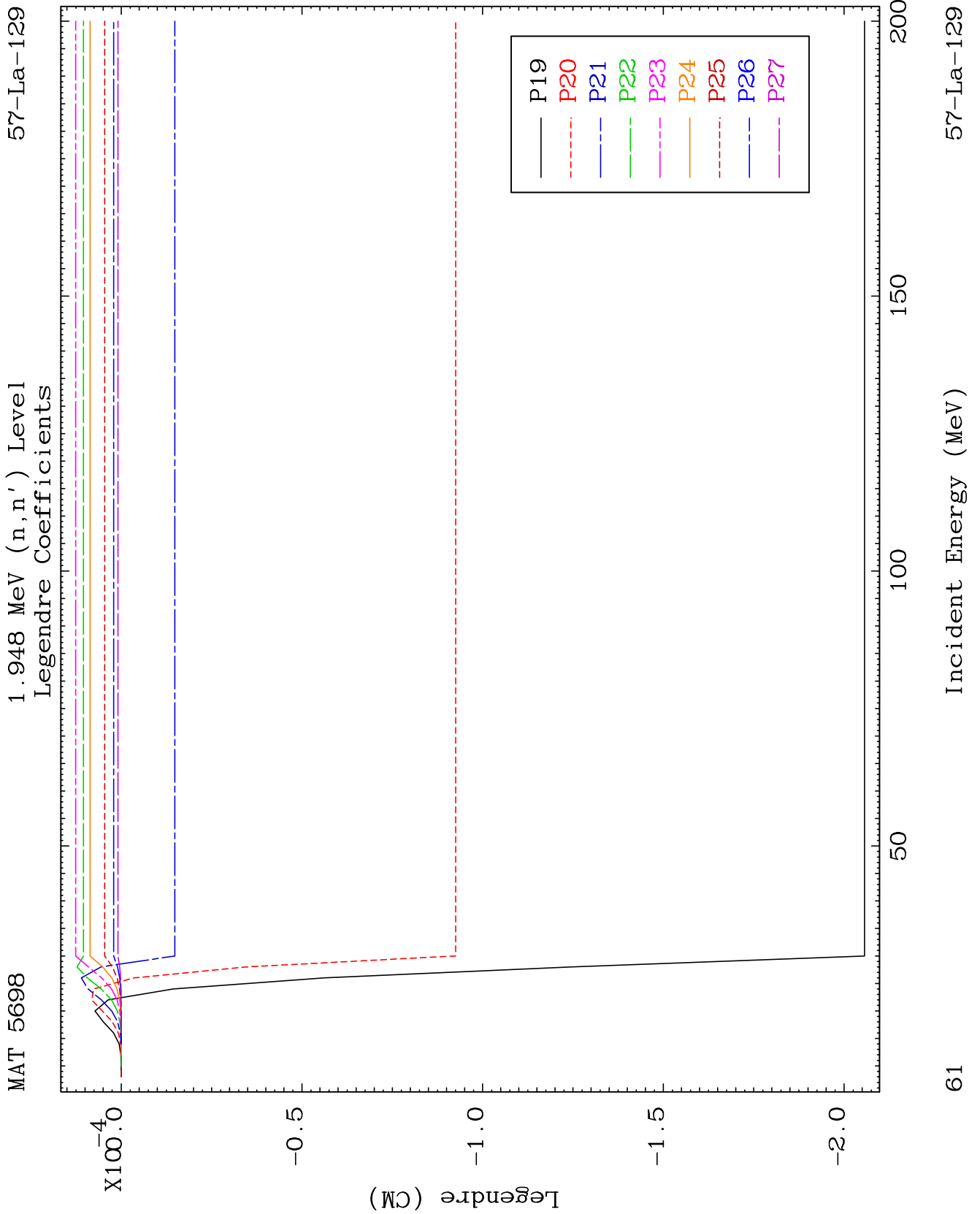
1.948 MeV (n,n') Level
Legendre Coefficients

57-La-129



Incident Energy (MeV)

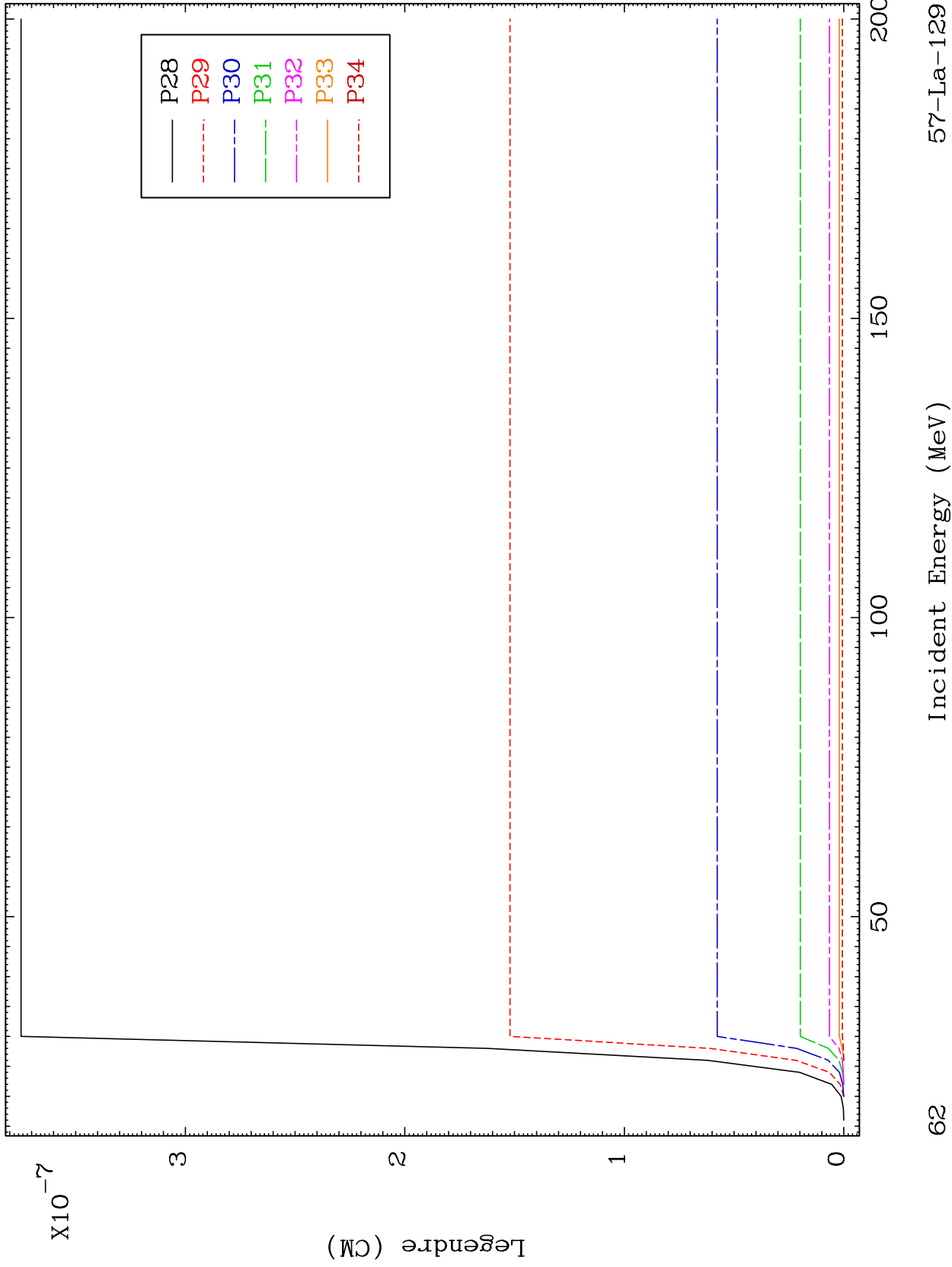
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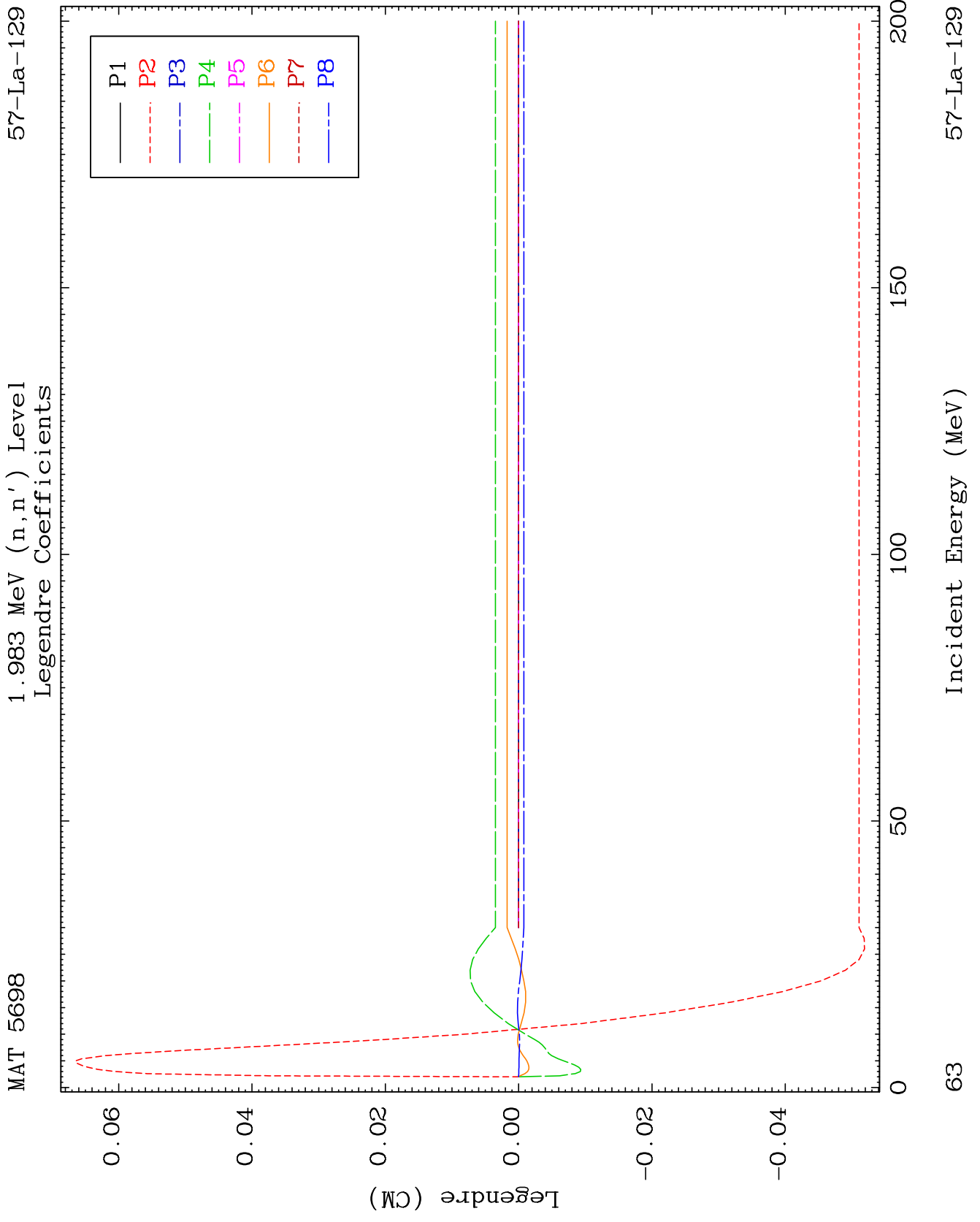


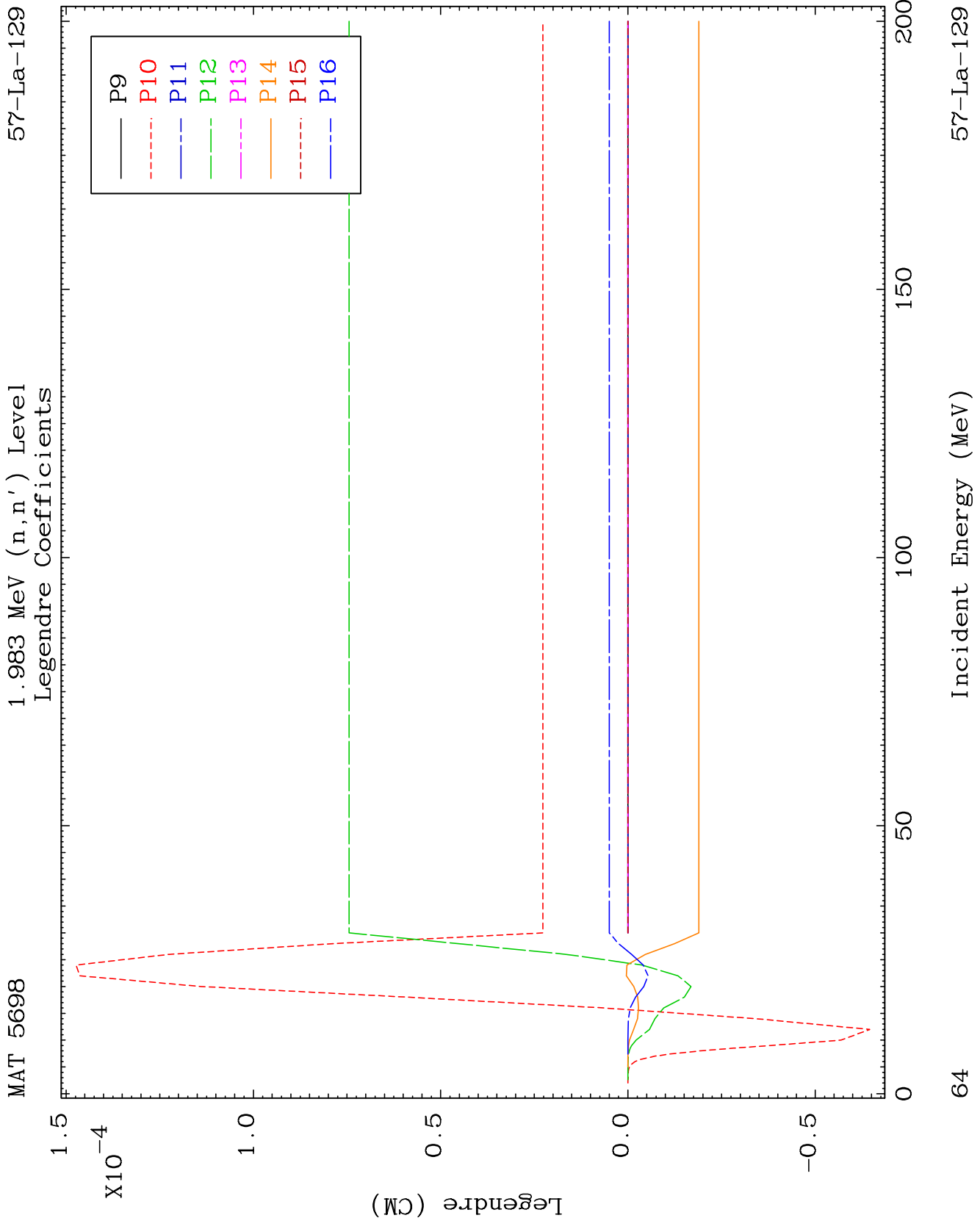
MAT 5698

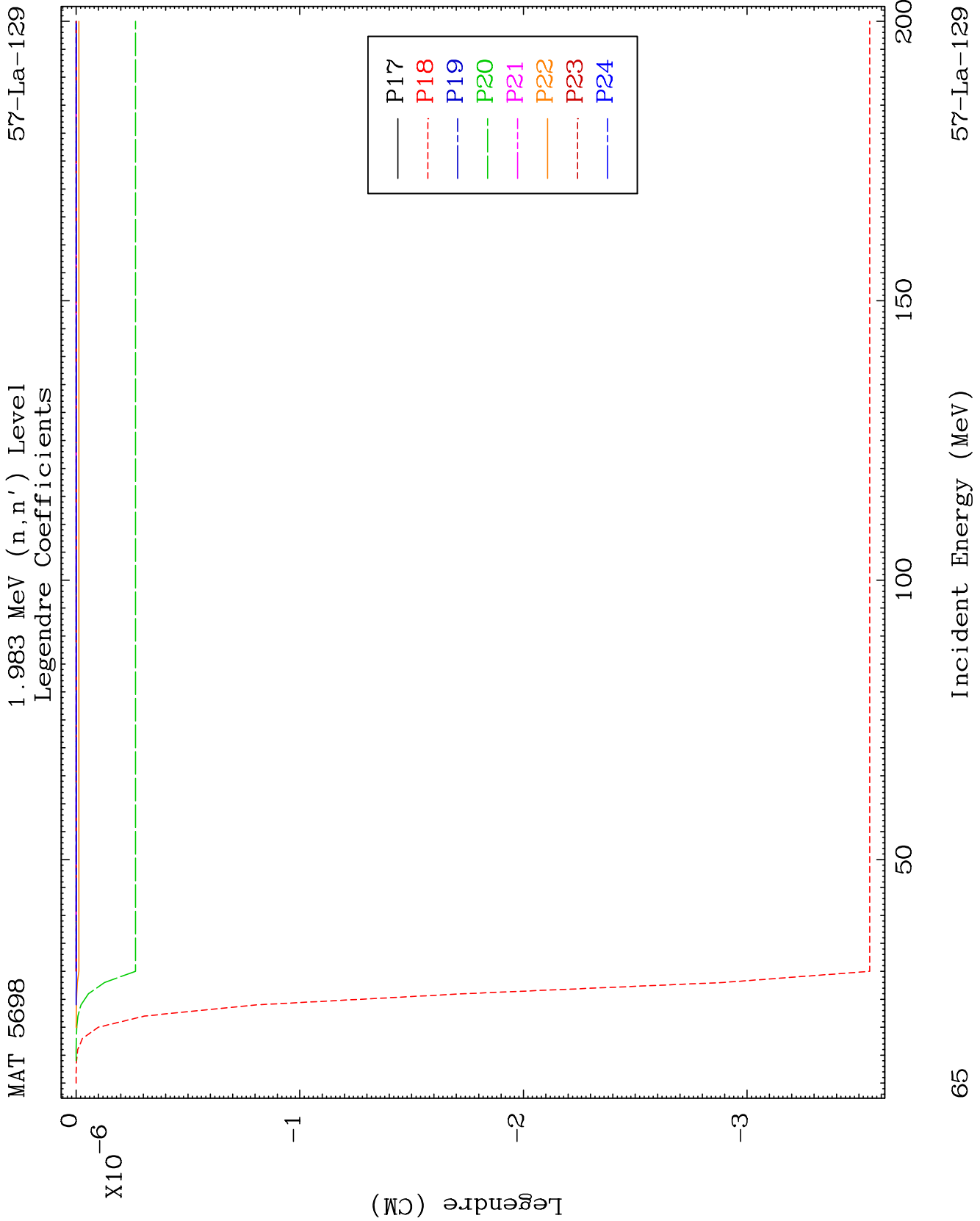
1.948 MeV (n,n') Level
Legendre Coefficients

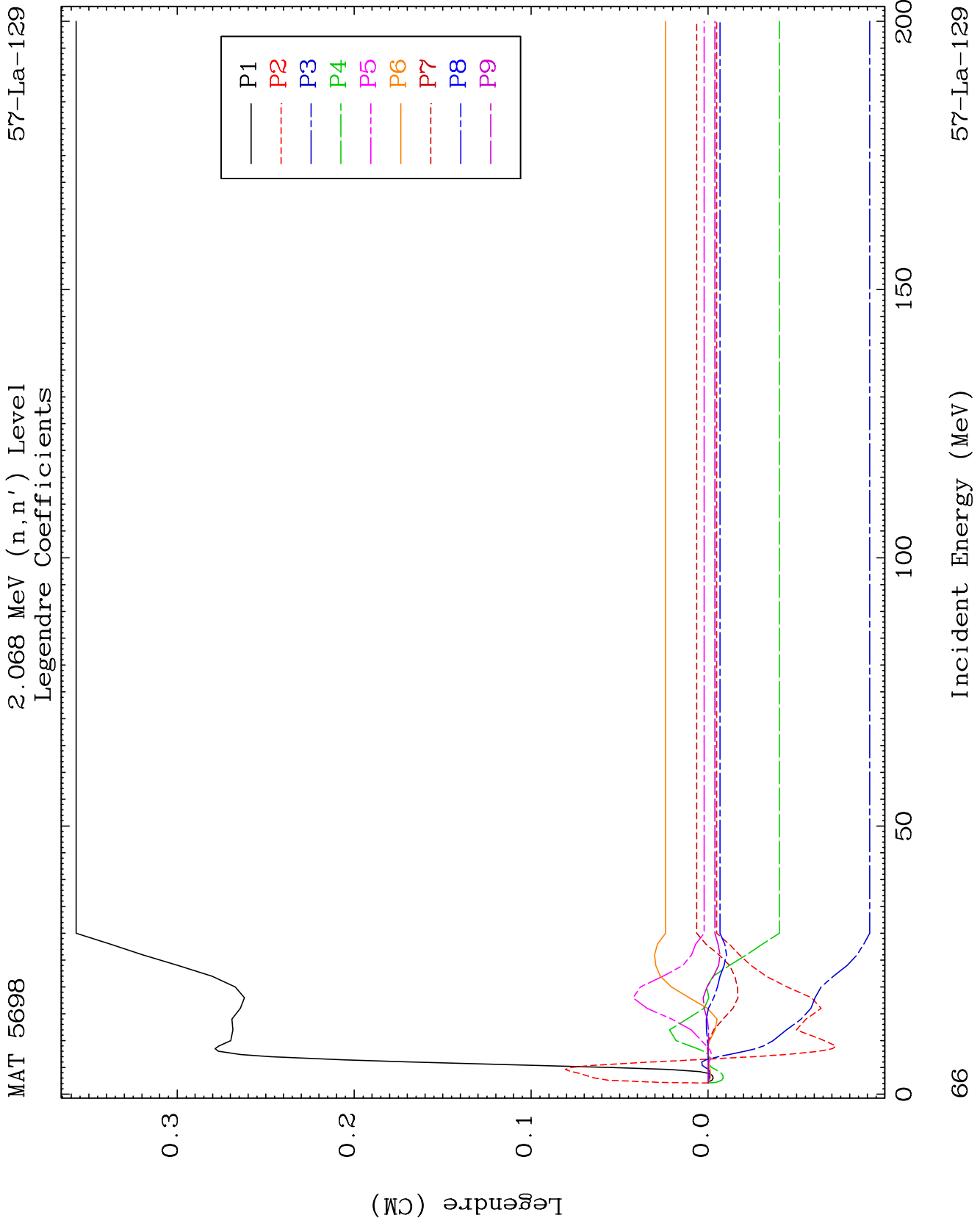
57-La-129







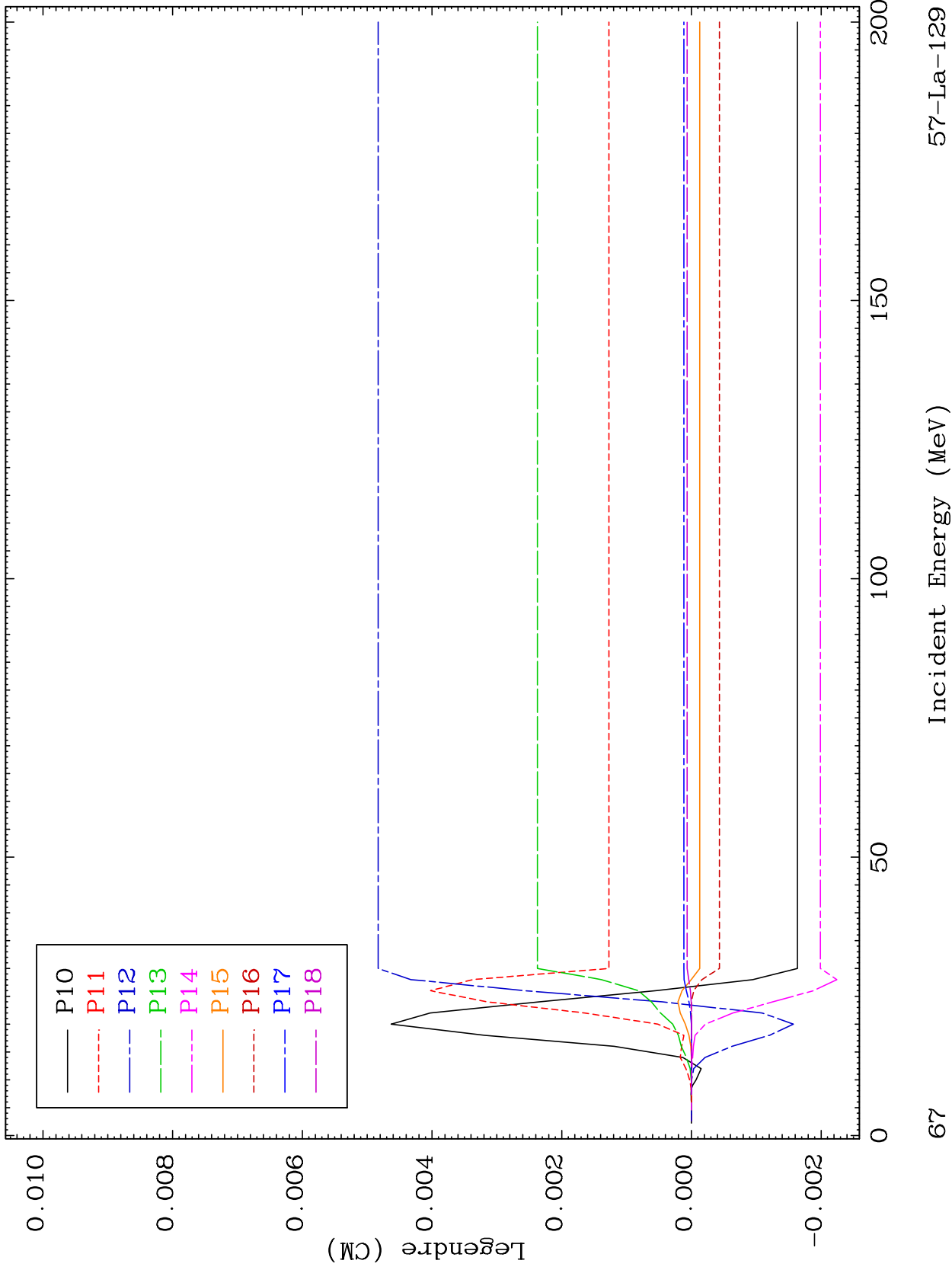




MAT 5698

2.068 MeV (n,n') Level
Legendre Coefficients

57-La-129



67

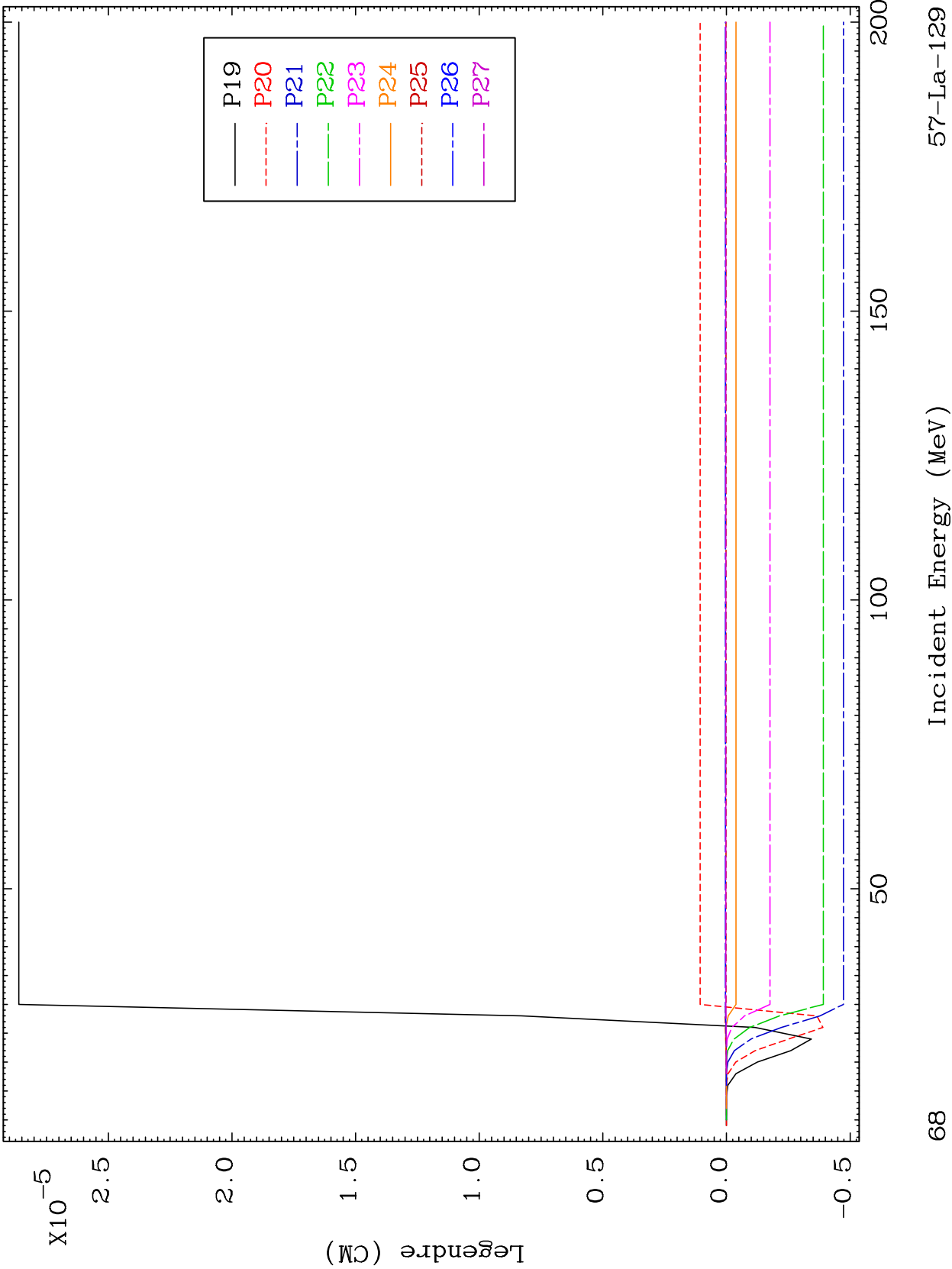
Incident Energy (MeV)

57-La-129

MAT 5698

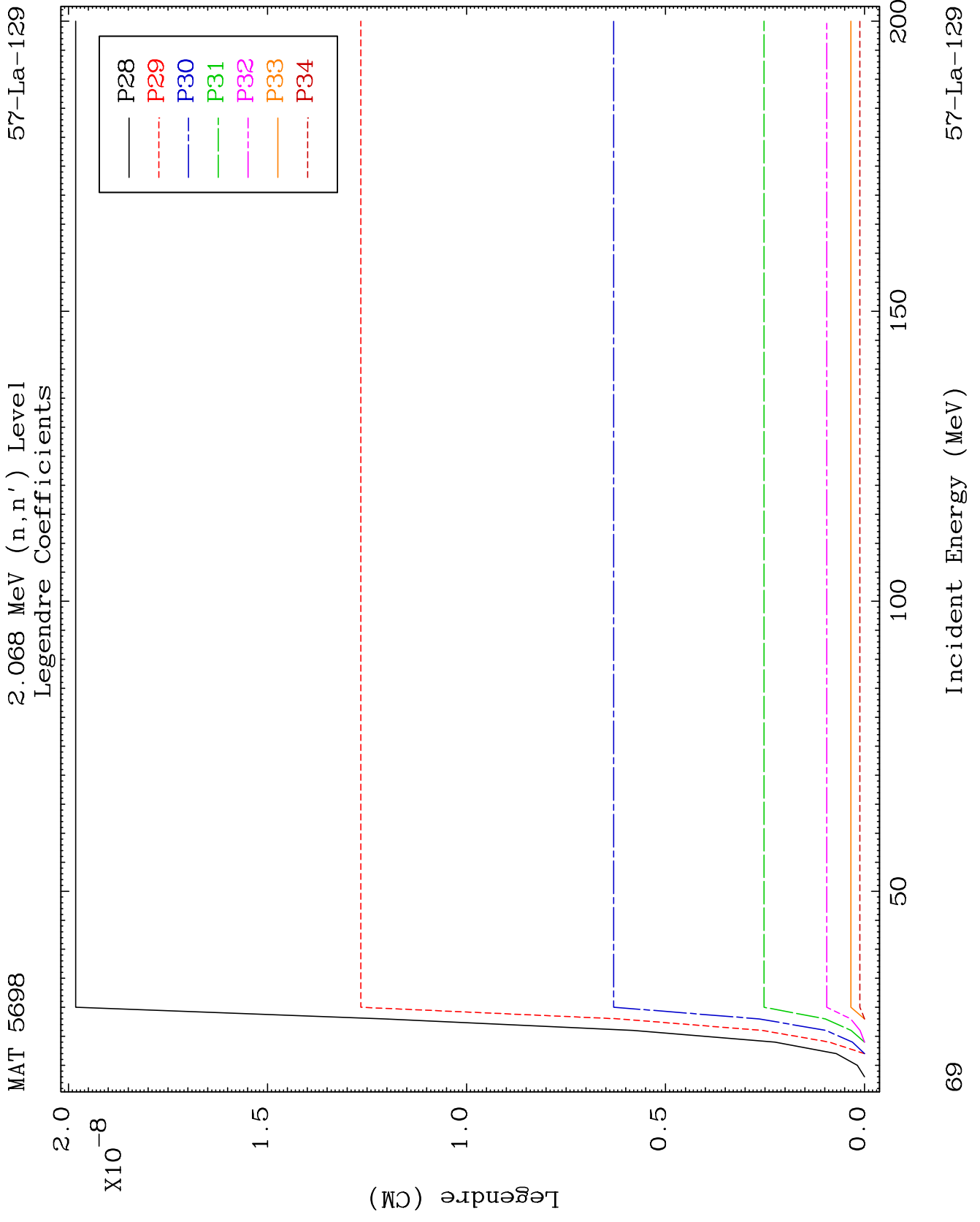
2.068 MeV (n,n') Level
Legendre Coefficients

57-La-129



68

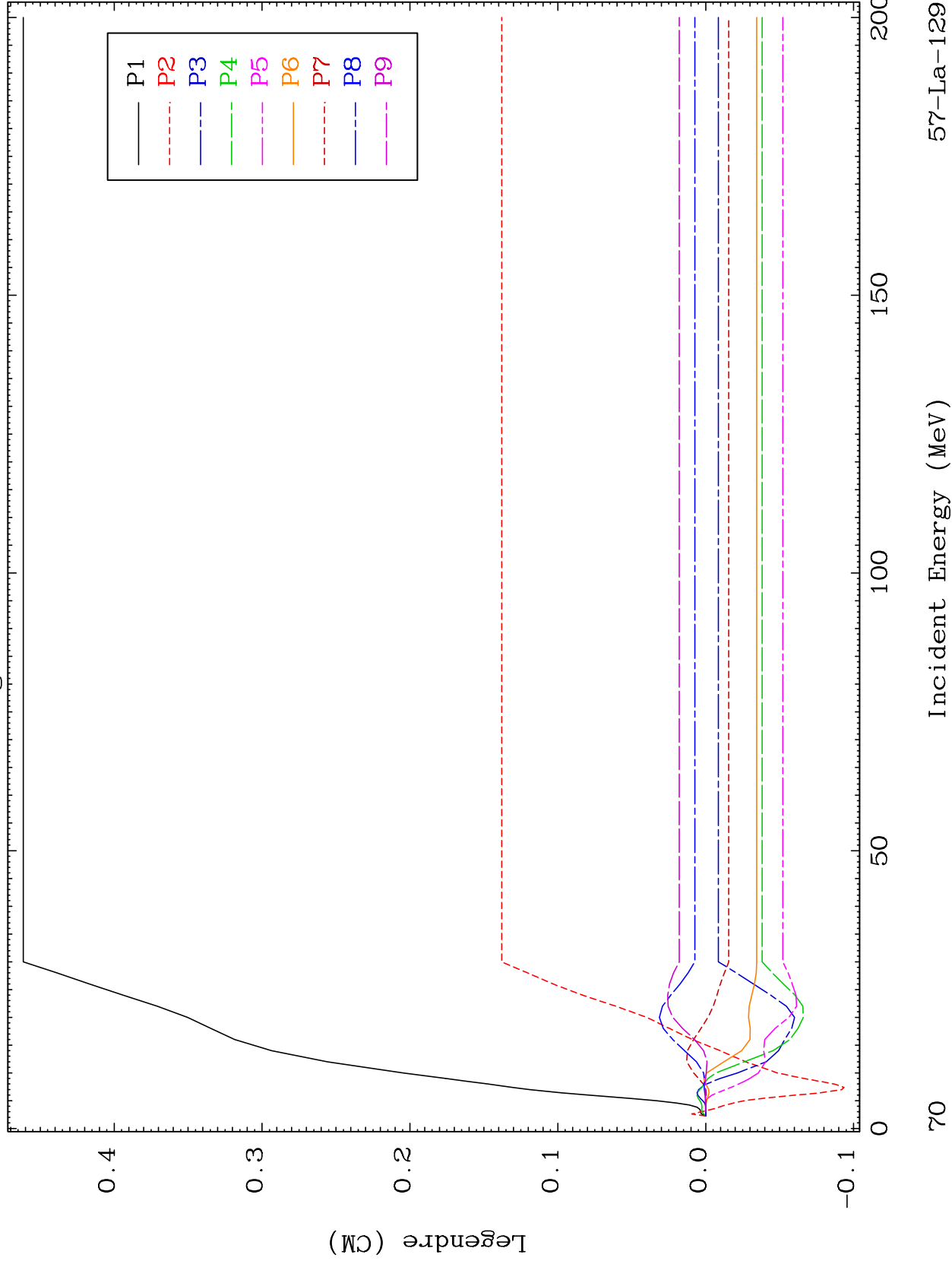
57-La-129



MAT 5698

2.217 MeV (n,n') Level
Legendre Coefficients

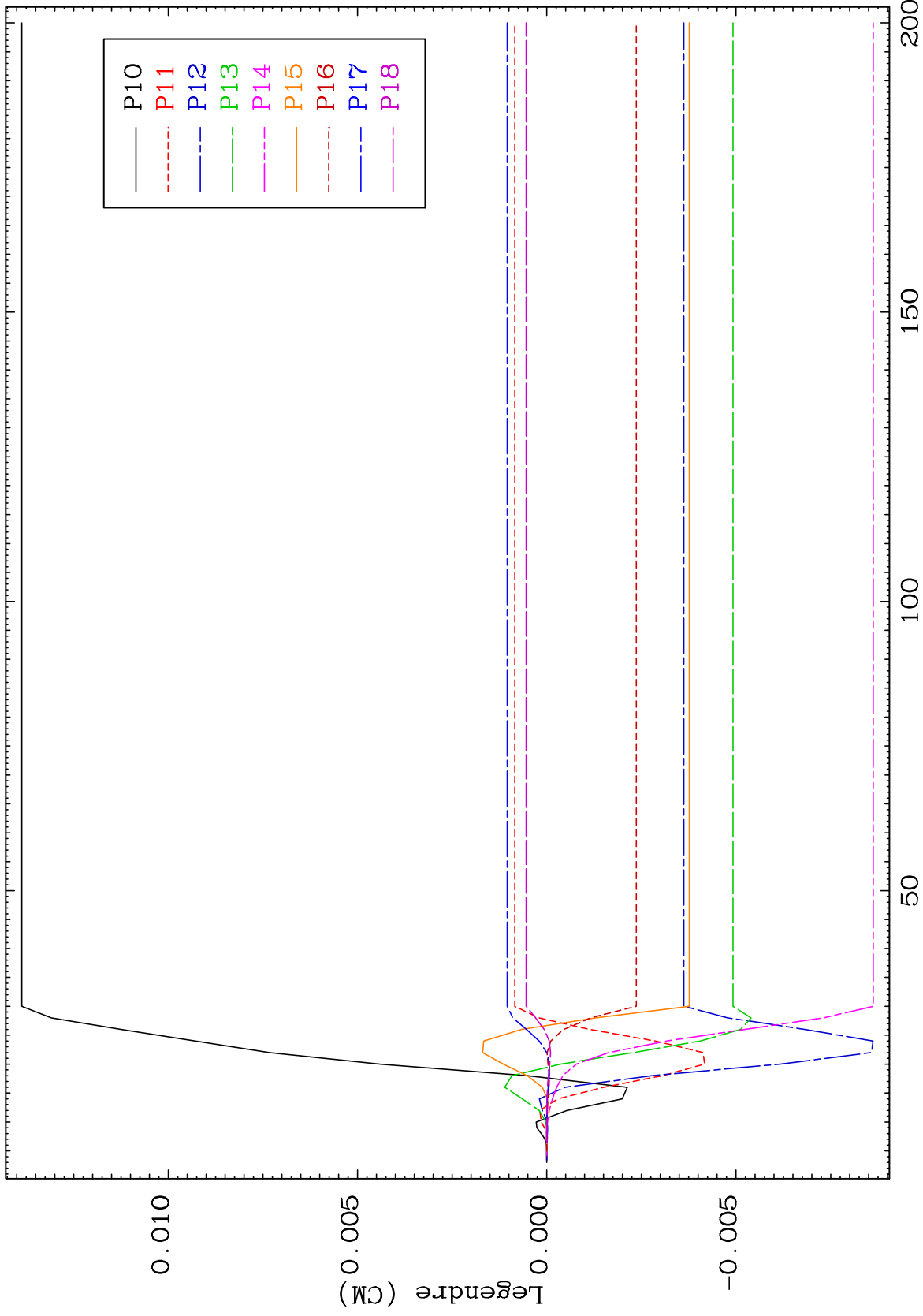
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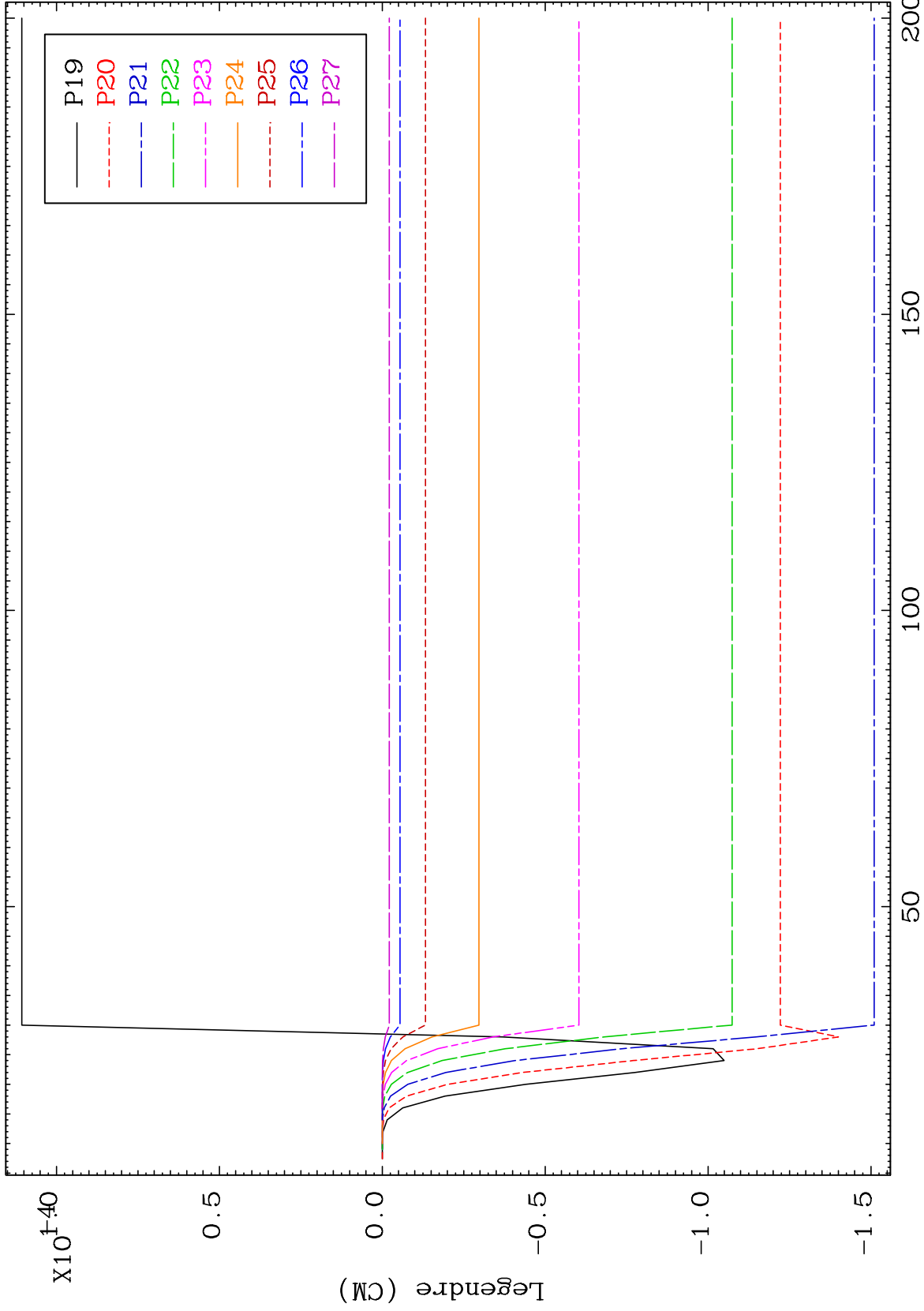


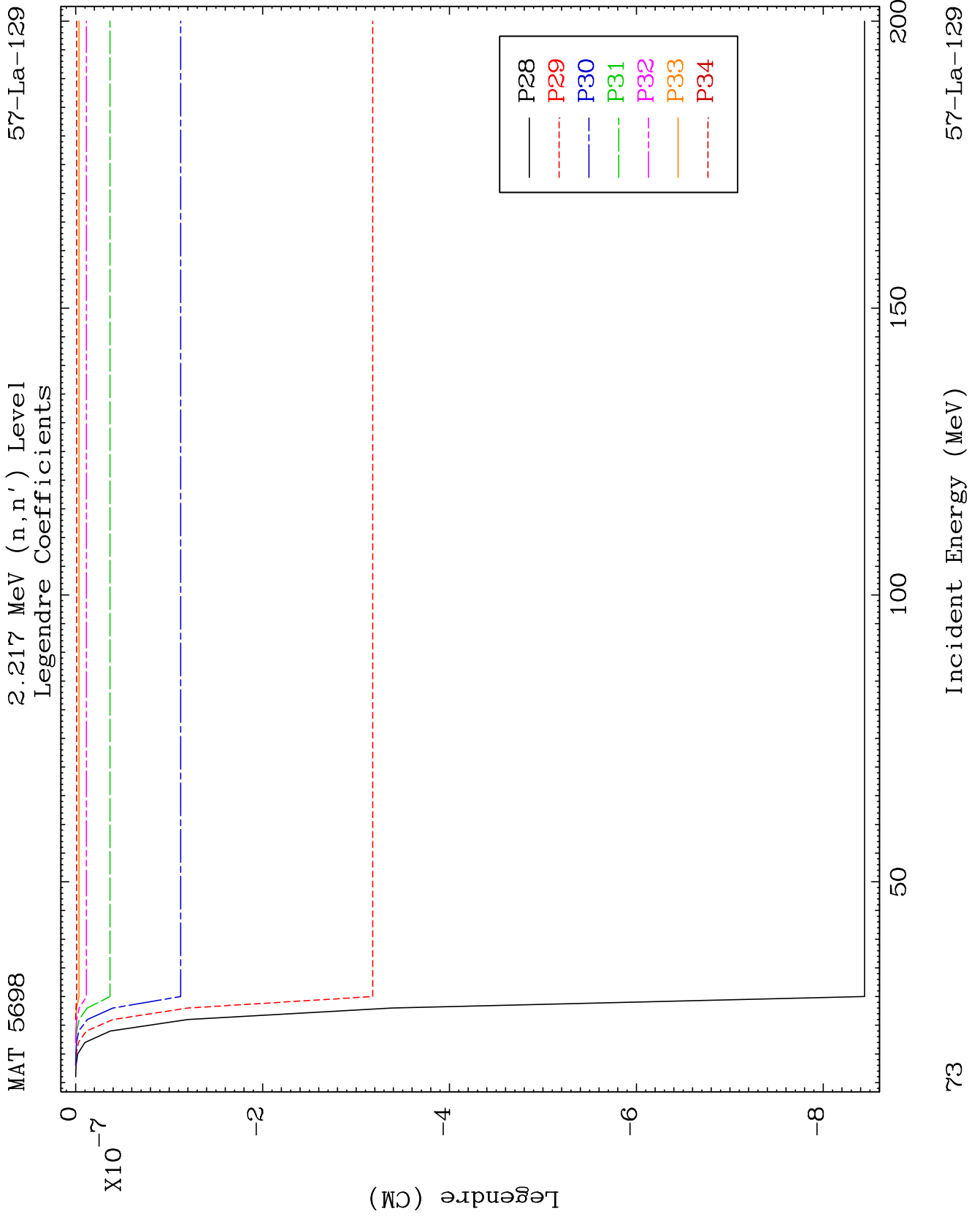
57-La-129

Incident Energy (MeV)

70



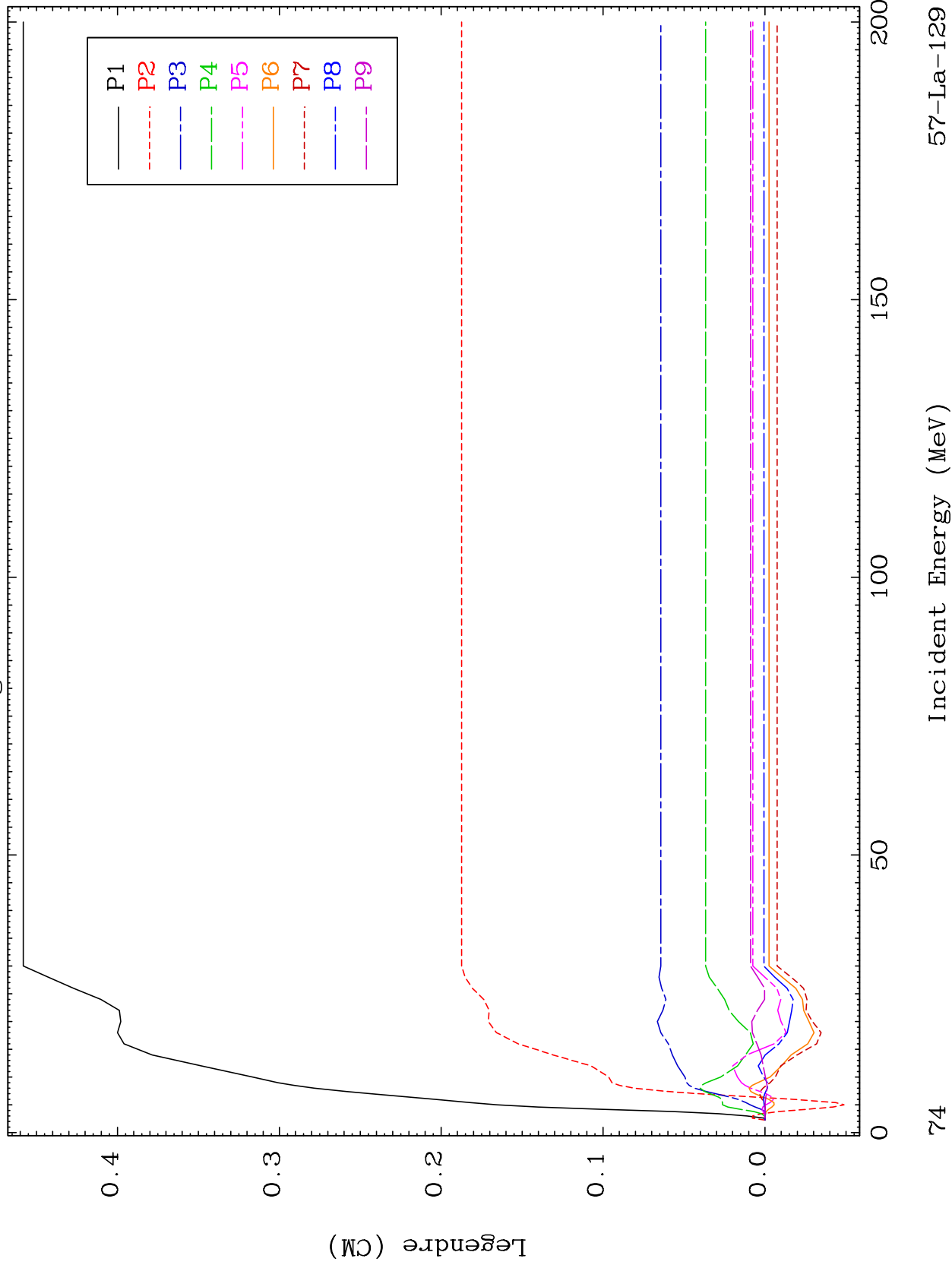




MAT 5698

2.239 MeV (n,n') Level
Legendre Coefficients

57-La-129



74

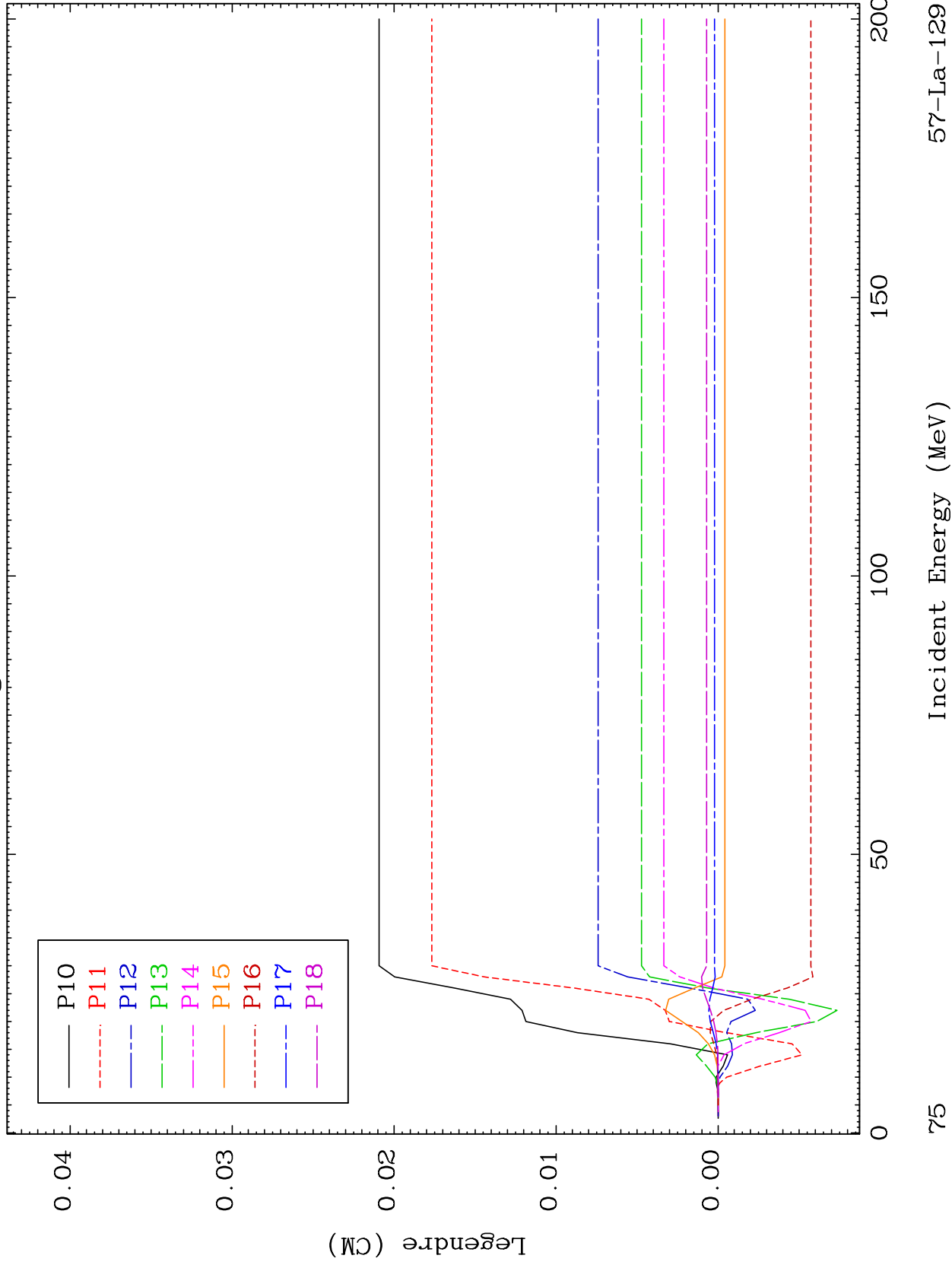
Incident Energy (MeV)

57-La-129

MAT 5698

2.239 MeV (n,n') Level
Legendre Coefficients

57-La-129



57-La-129

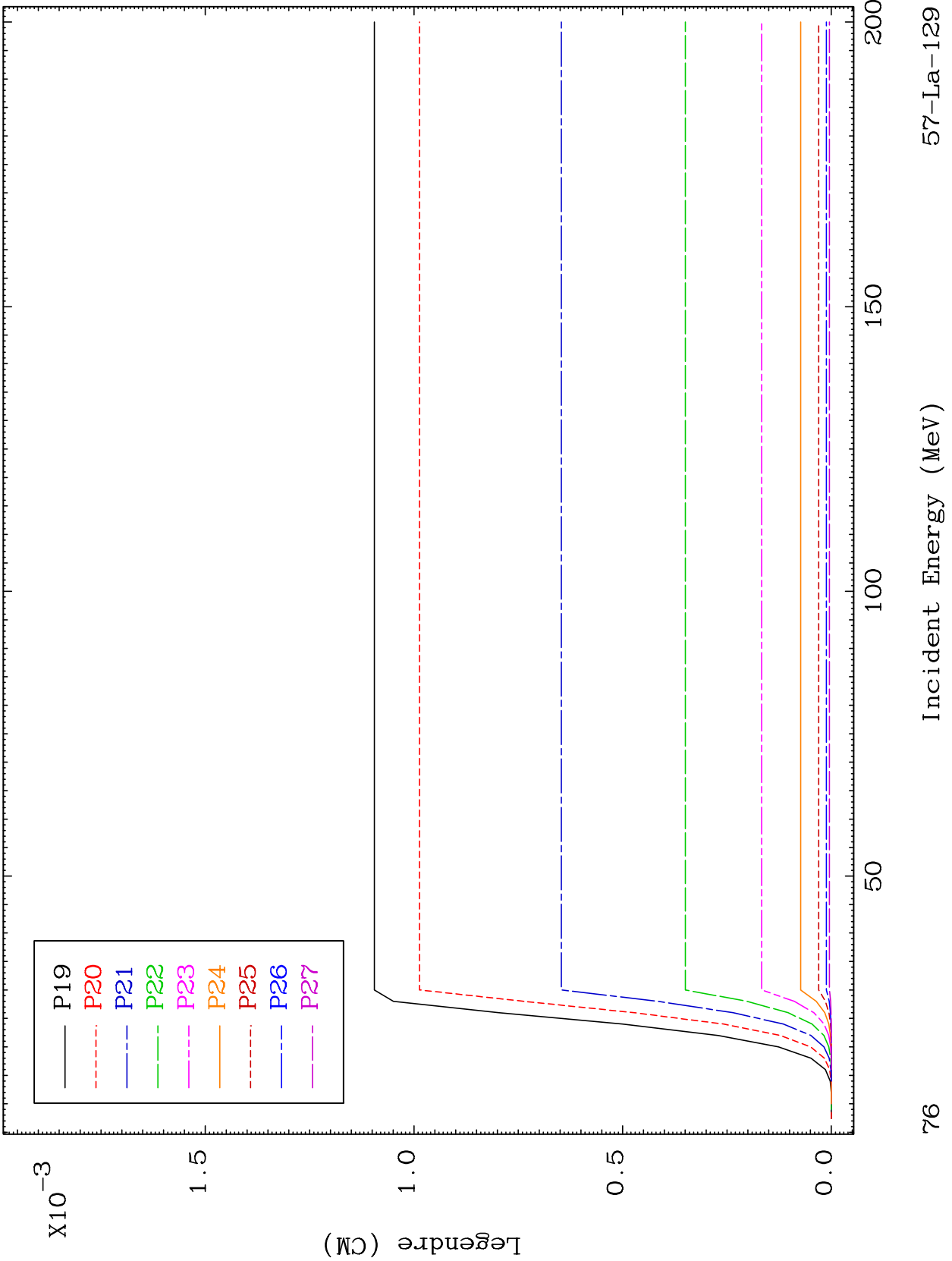
Incident Energy (MeV)

75

MAT 5698

2.239 MeV (n,n') Level
Legendre Coefficients

57-La-129



76

Incident Energy (MeV)

57-La-129

200

150

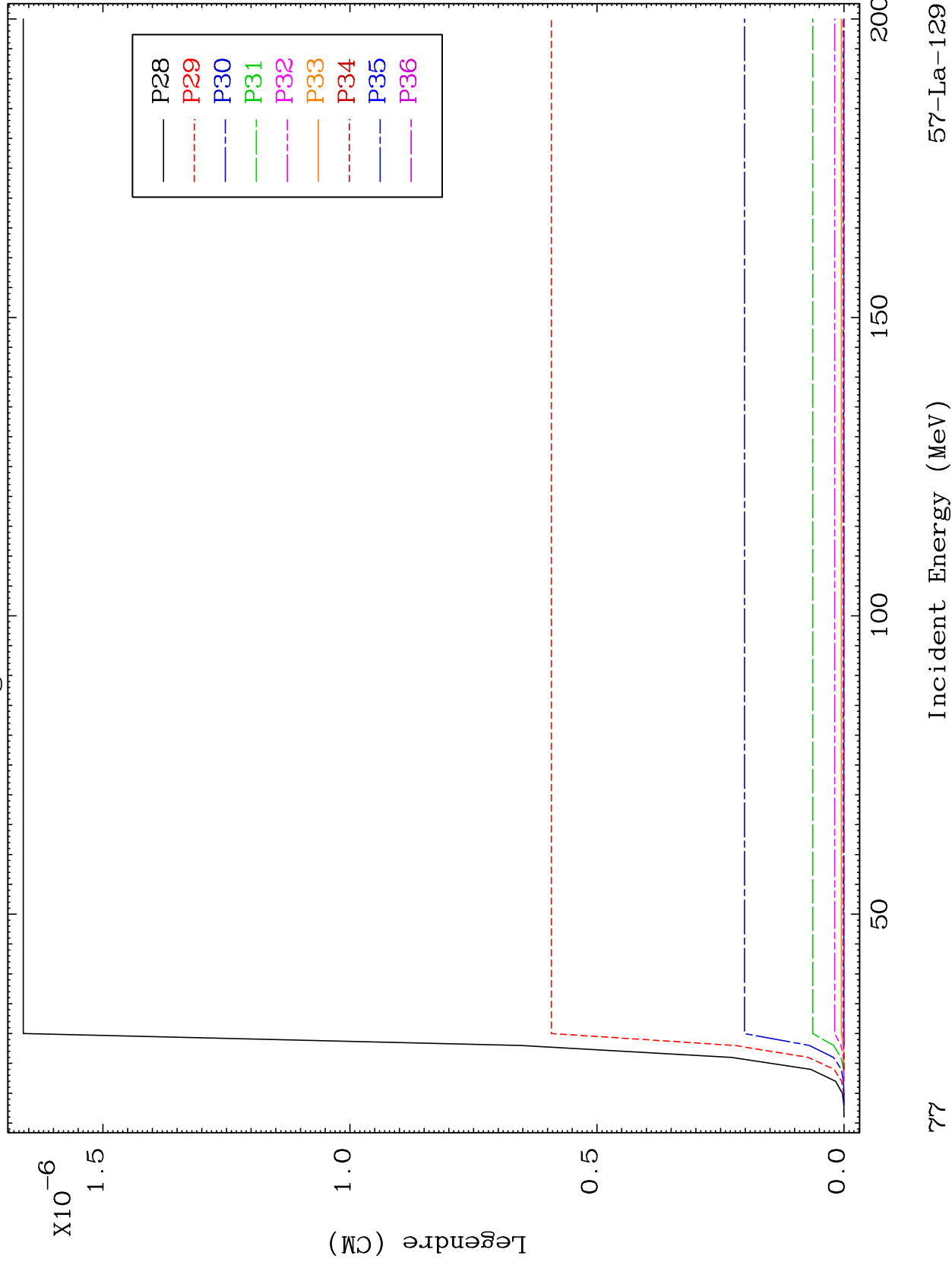
100

50

MAT 5698

2.239 MeV (n,n') Level
Legendre Coefficients

57-La-129



77

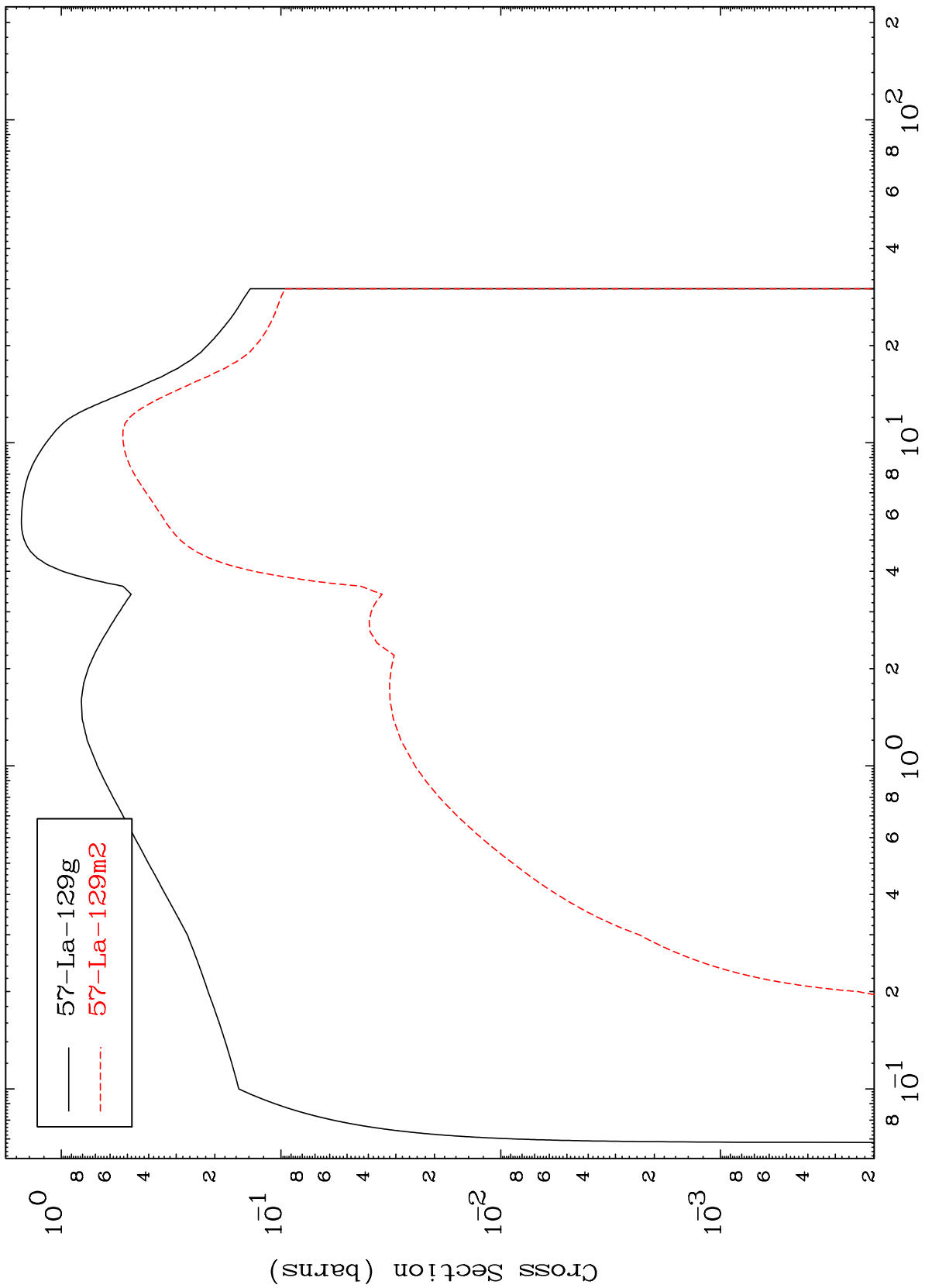
Incident Energy (MeV)

57-La-129

MAT 5698

57-La-129

Radionuclide Production Cross Section



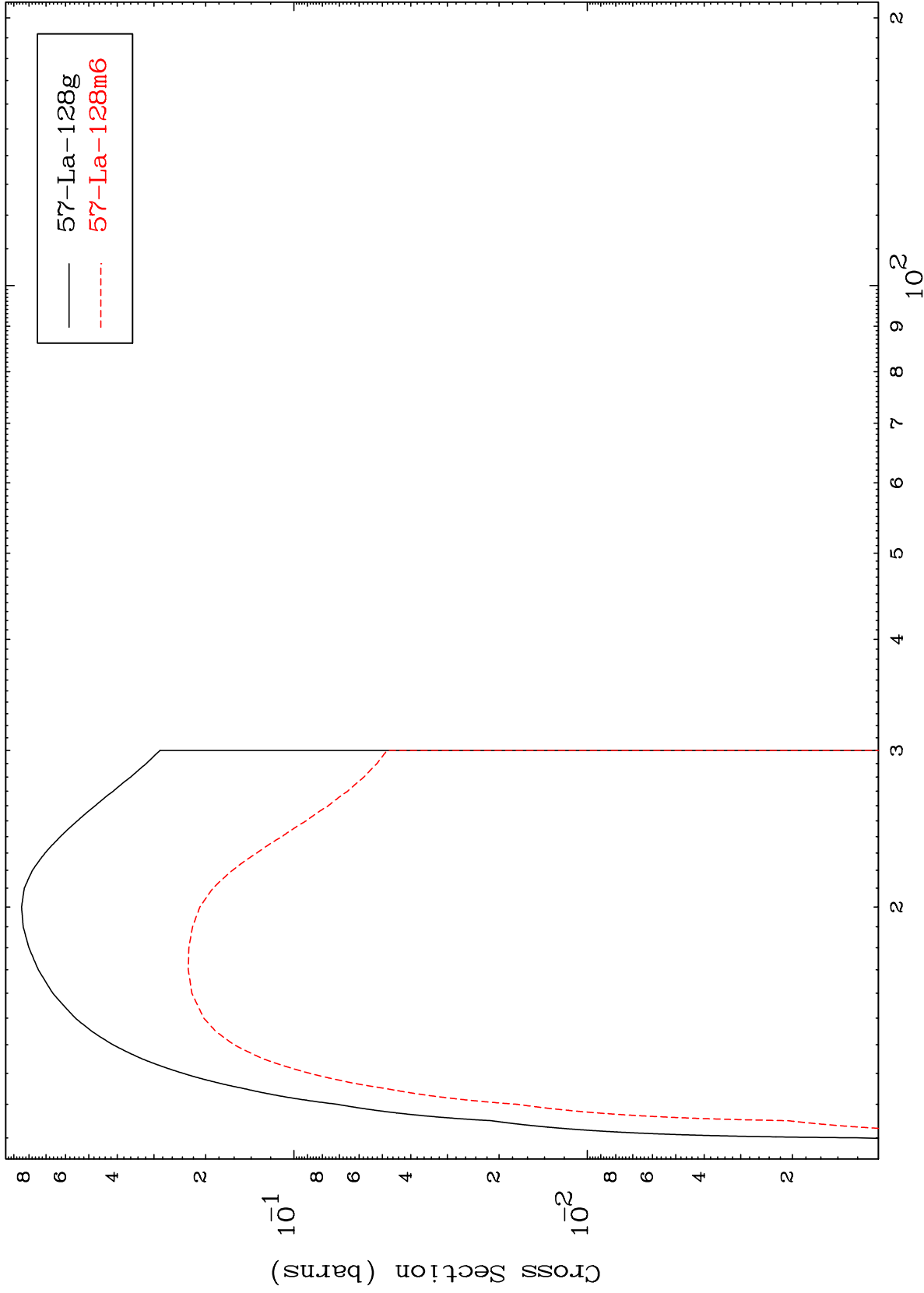
78

57-La-129

MAT 5698

57-La-129

(n,2n)
Radionuclide Production Cross Section



79

Incident Energy (MeV)

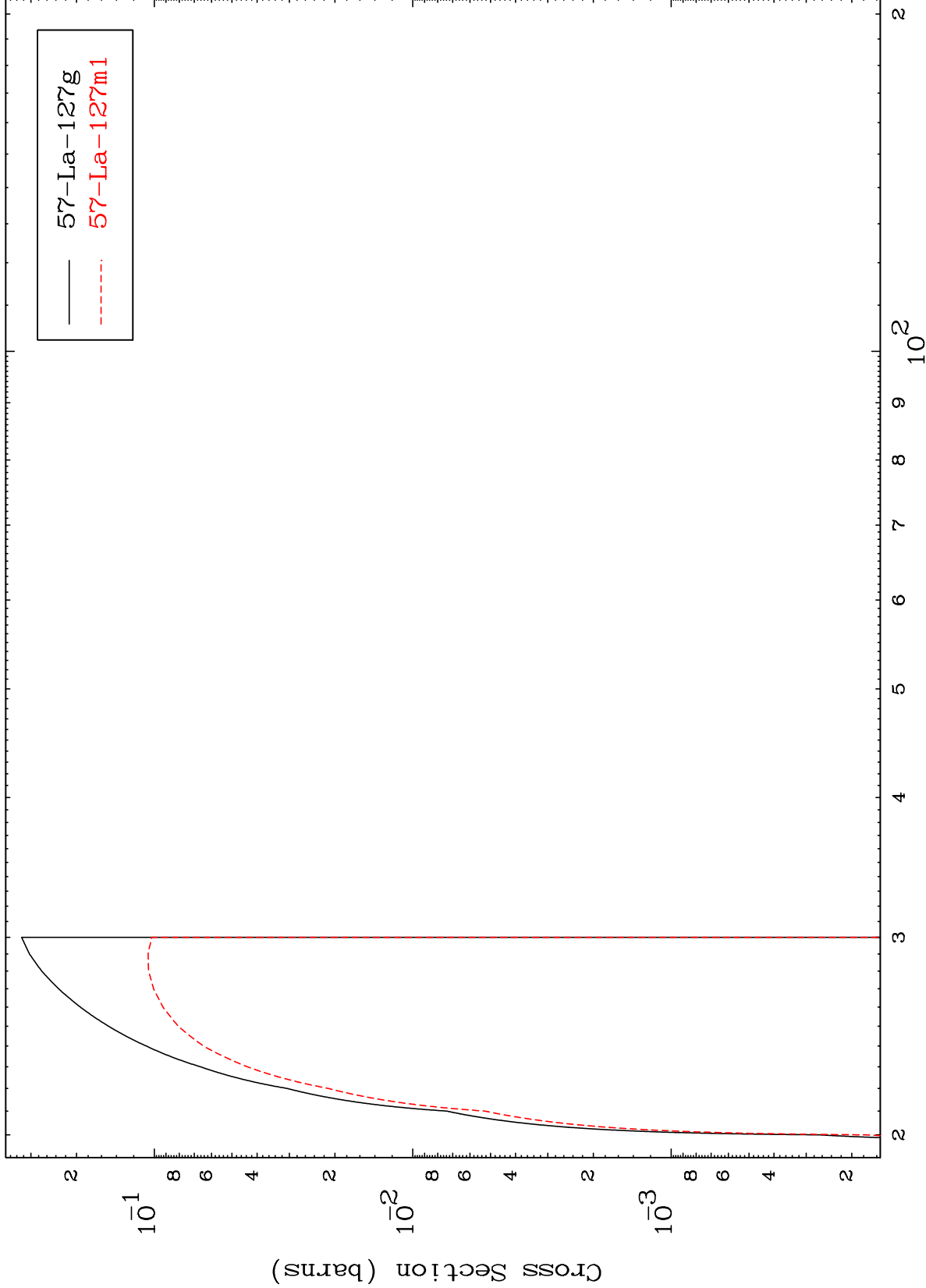
57-La-129

MAT 5698

(n,3n)

57-La-129

Radionuclide Production Cross Section



80

Incident Energy (MeV)

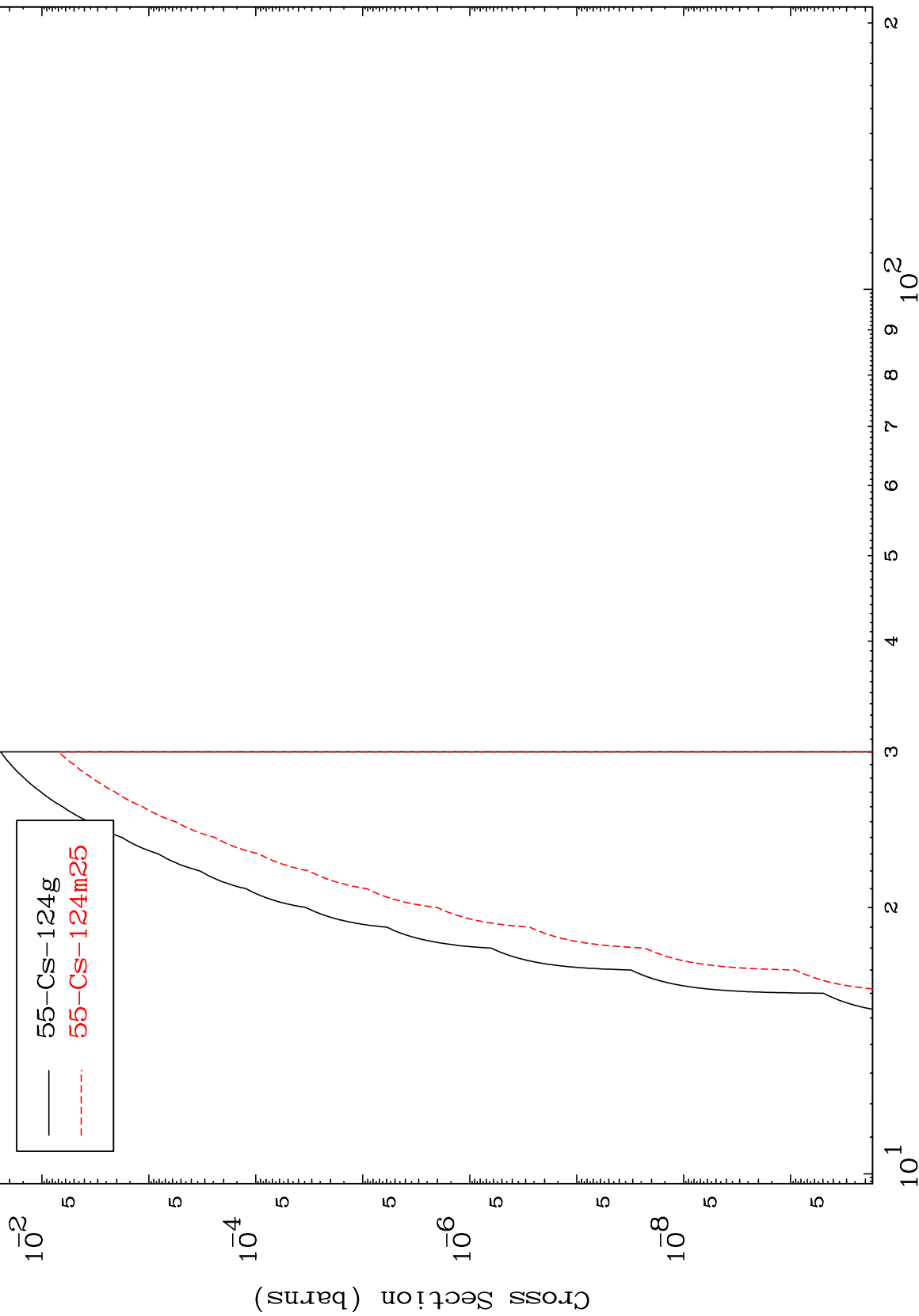
57-La-129

MAT 5698

(n,2n) α

57-La-129

Radionuclide Production Cross Section



81

Incident Energy (MeV)

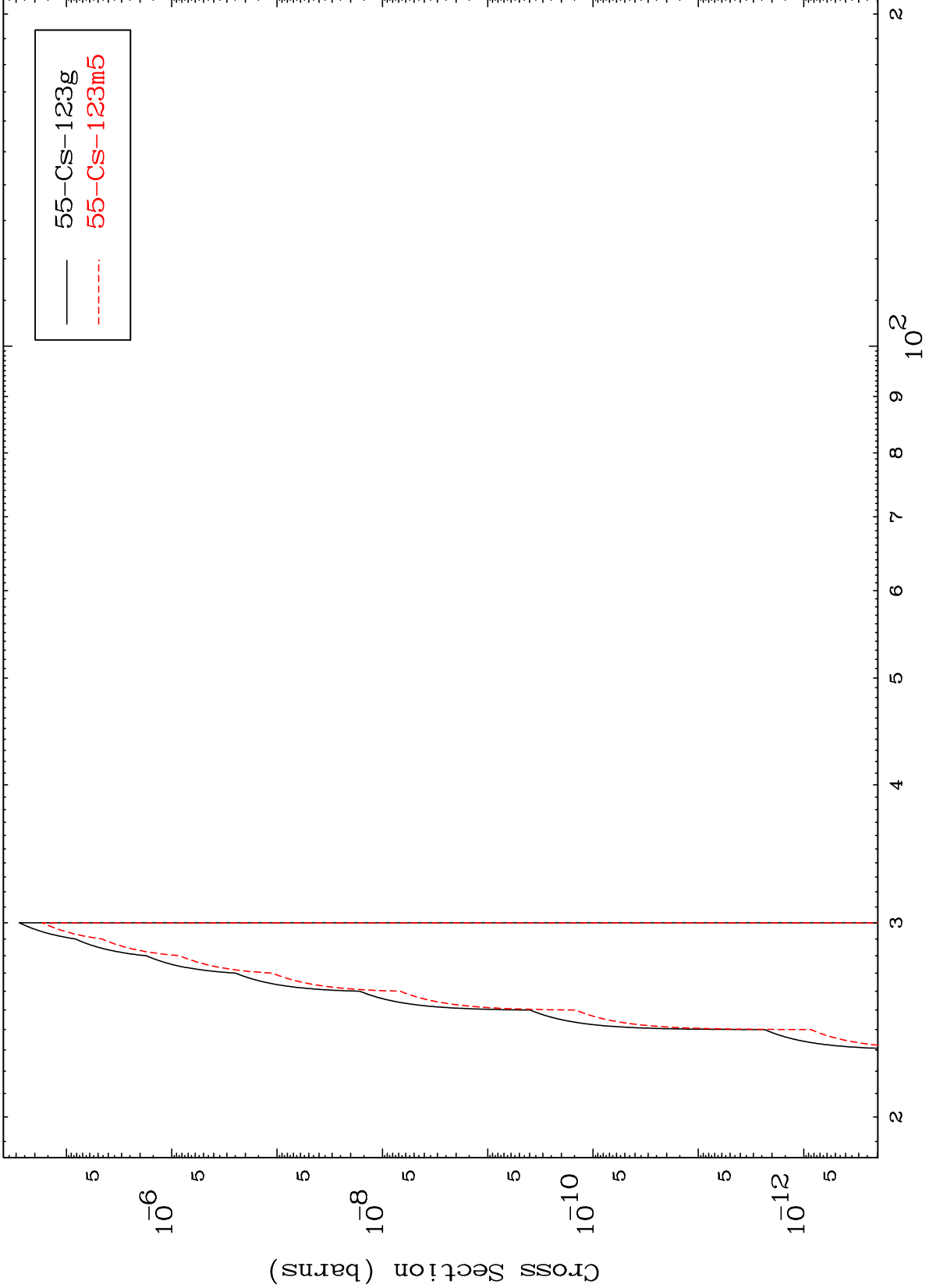
57-La-129

MAT 5698

(n,3n) α

57-La-129

Radionuclide Production Cross Section

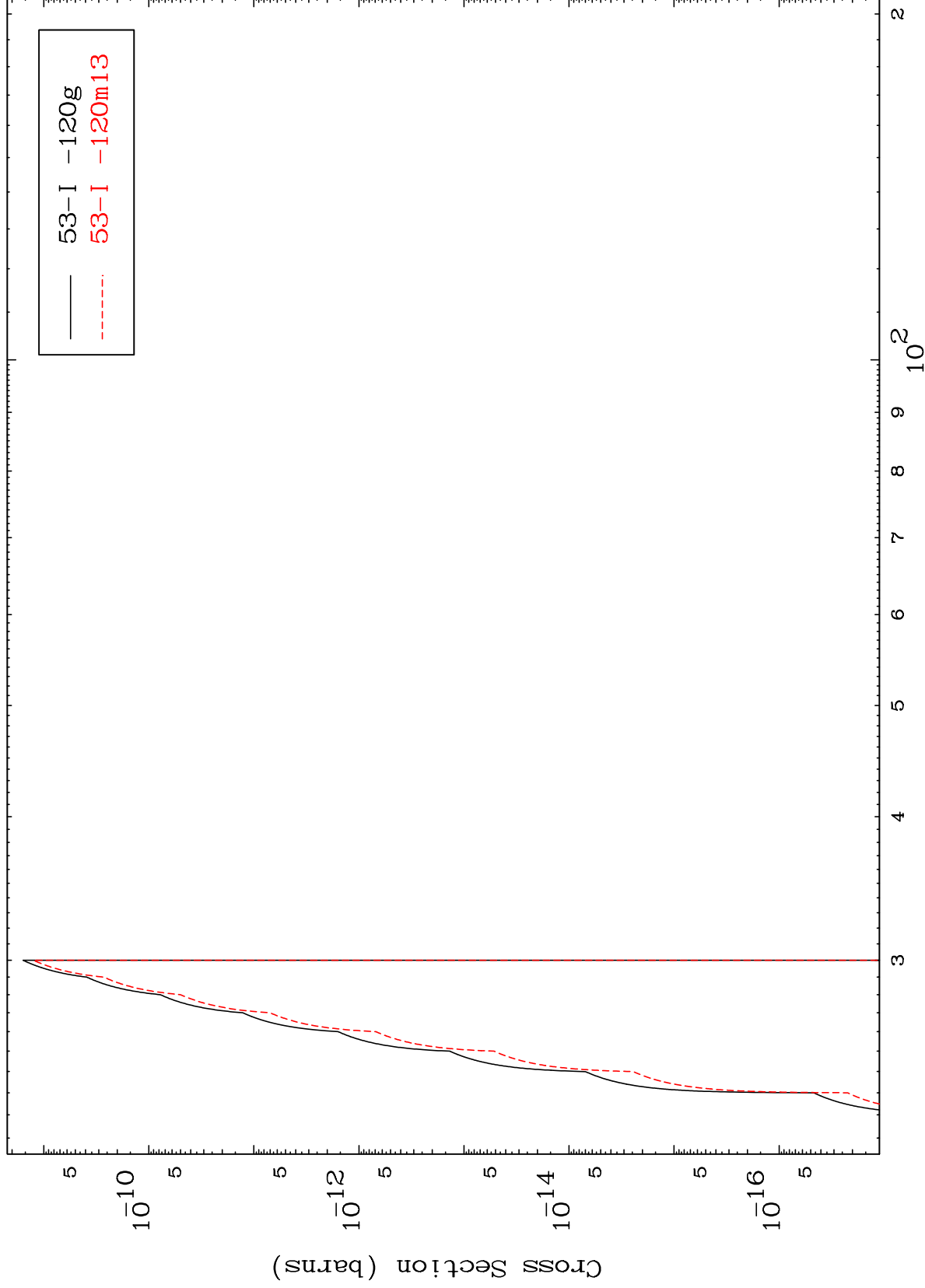


82

Incident Energy (MeV)

57-La-129

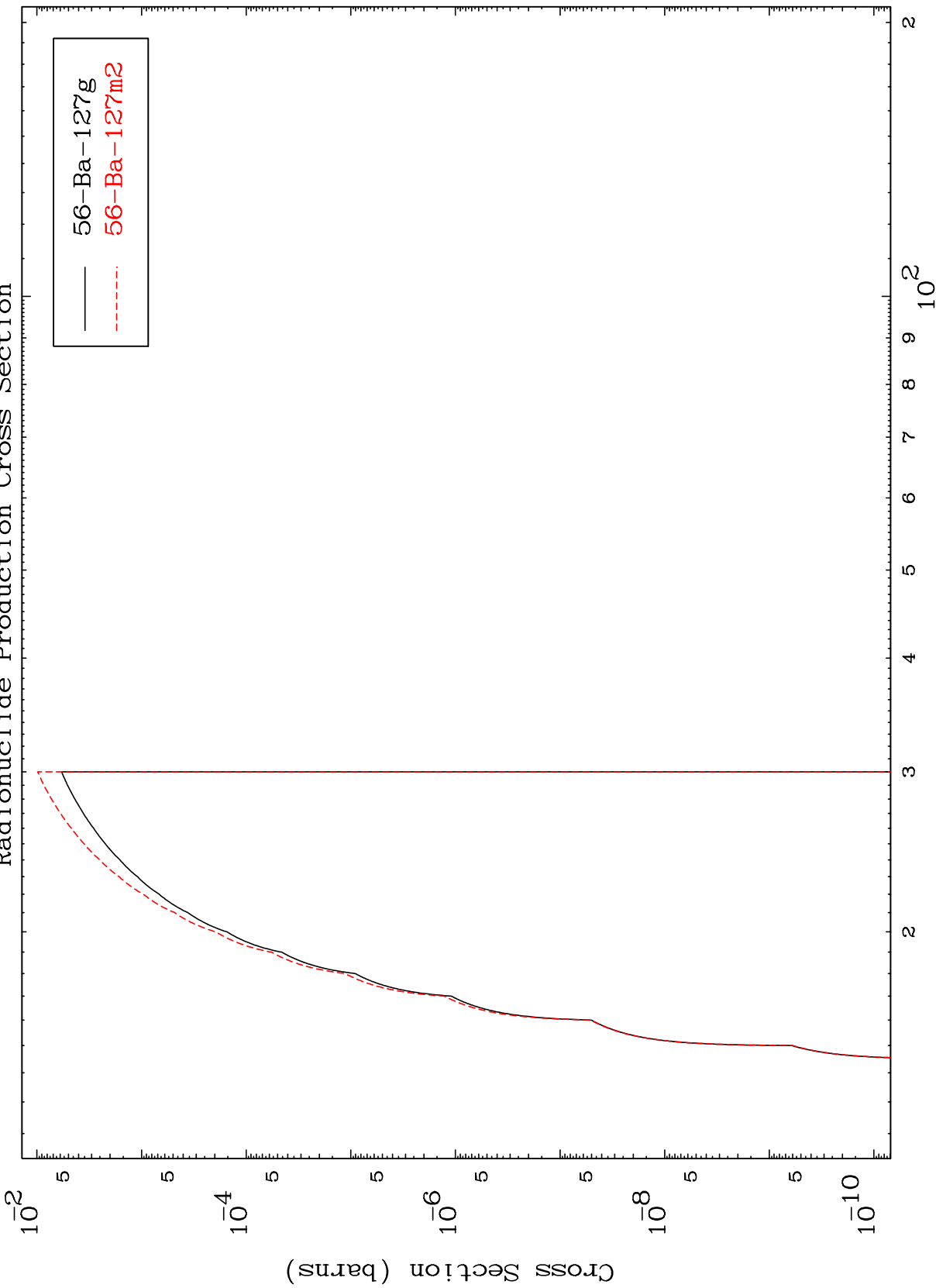
Radionuclide Production Cross Section



MAT 5698

57-La-129

(n, n') d
Radionuclide Production Cross Section



84

Incident Energy (MeV)

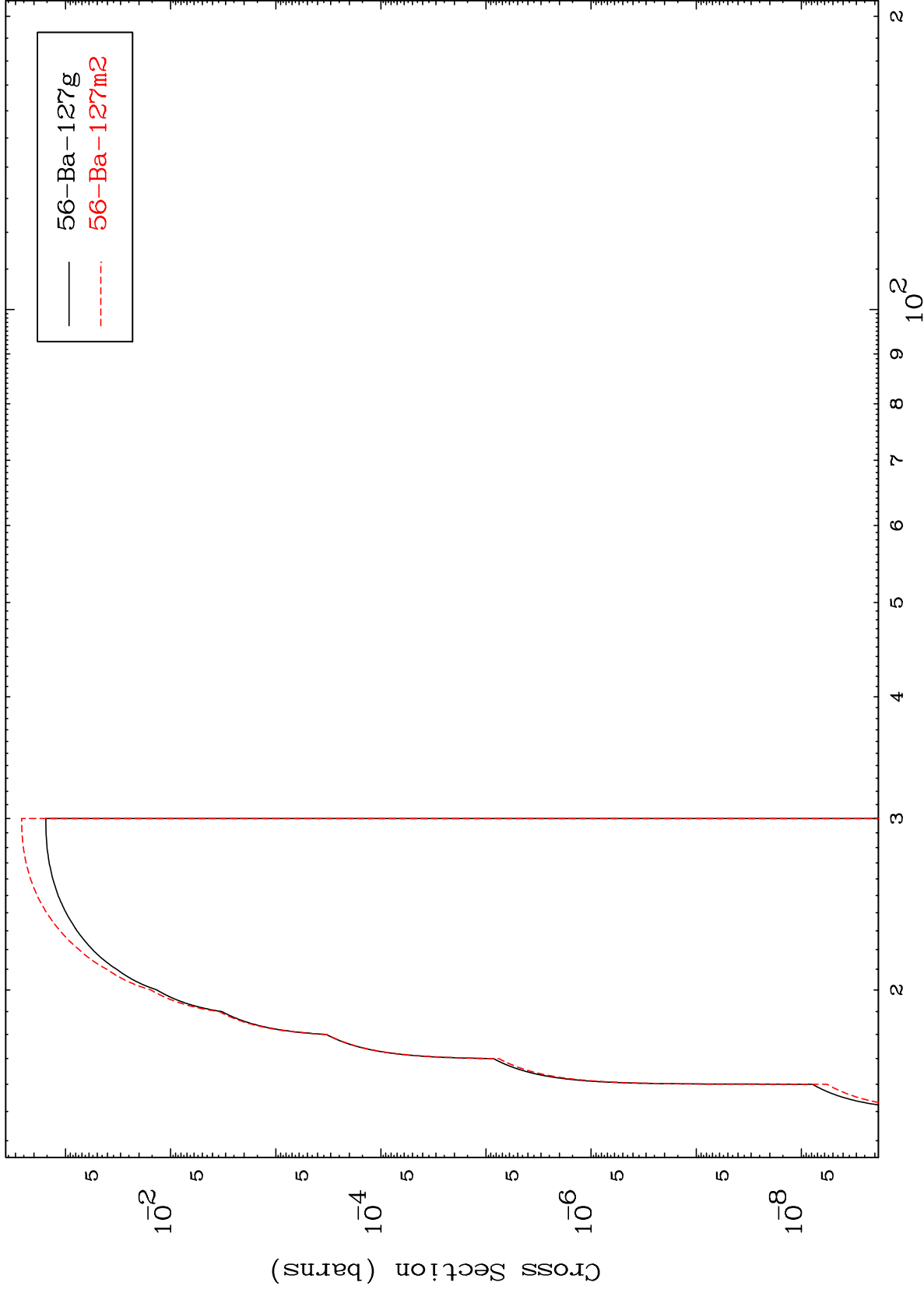
57-La-129

MAT 5698

(n,2n) p

57-La-129

Radionuclide Production Cross Section



85

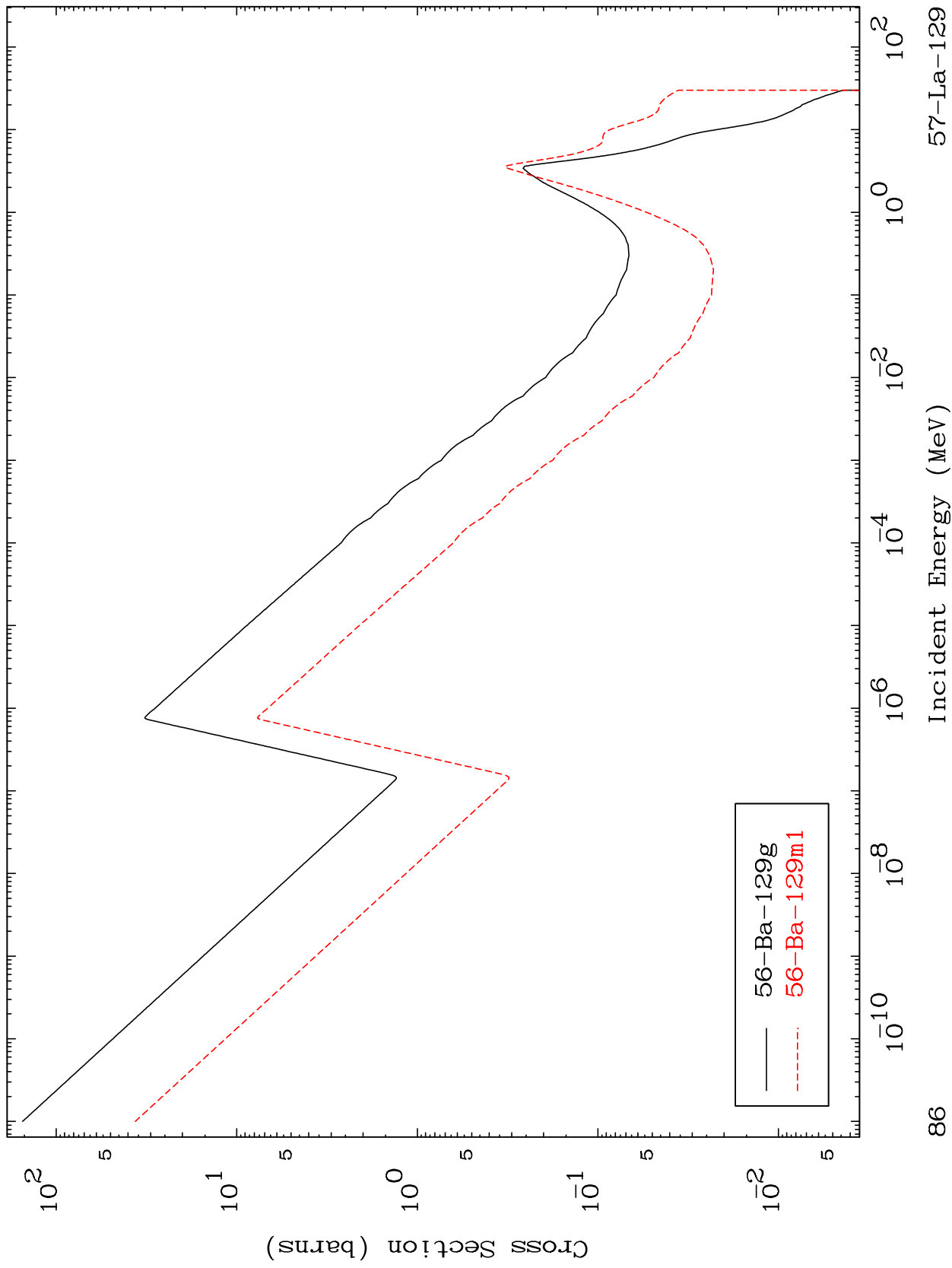
Incident Energy (MeV)

57-La-129

MAT 5698

57-La-129

Radionuclide Production Cross Section

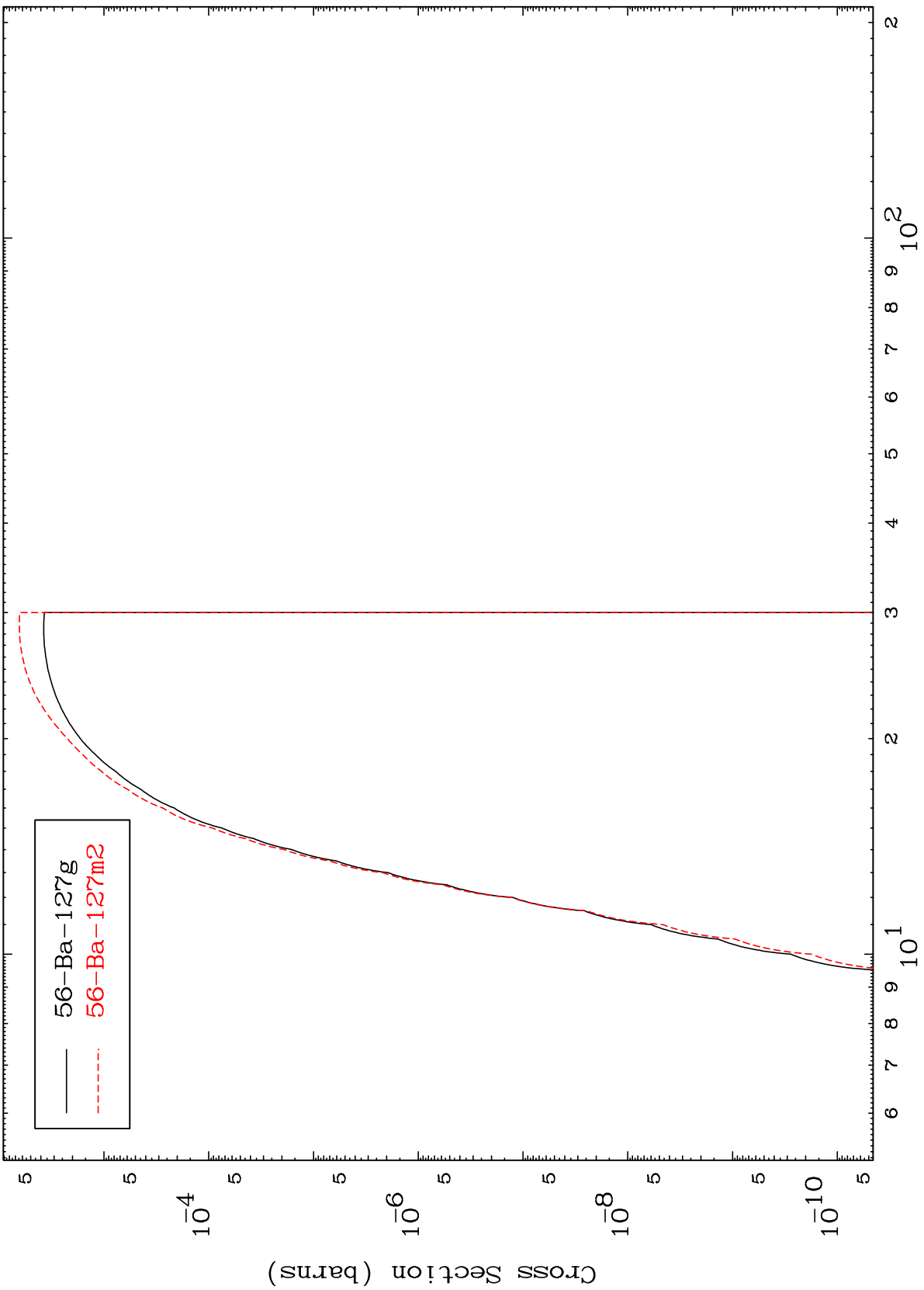


86

MAT 5698

57-La-129

Radionuclide Production Cross Section (n,t)



87

Incident Energy (MeV)

57-La-129

MAT 5698

(n,p) α

57-La-129

Radionuclide Production Cross Section

