

Program EVALPLOT
(Version 2015-2)

by

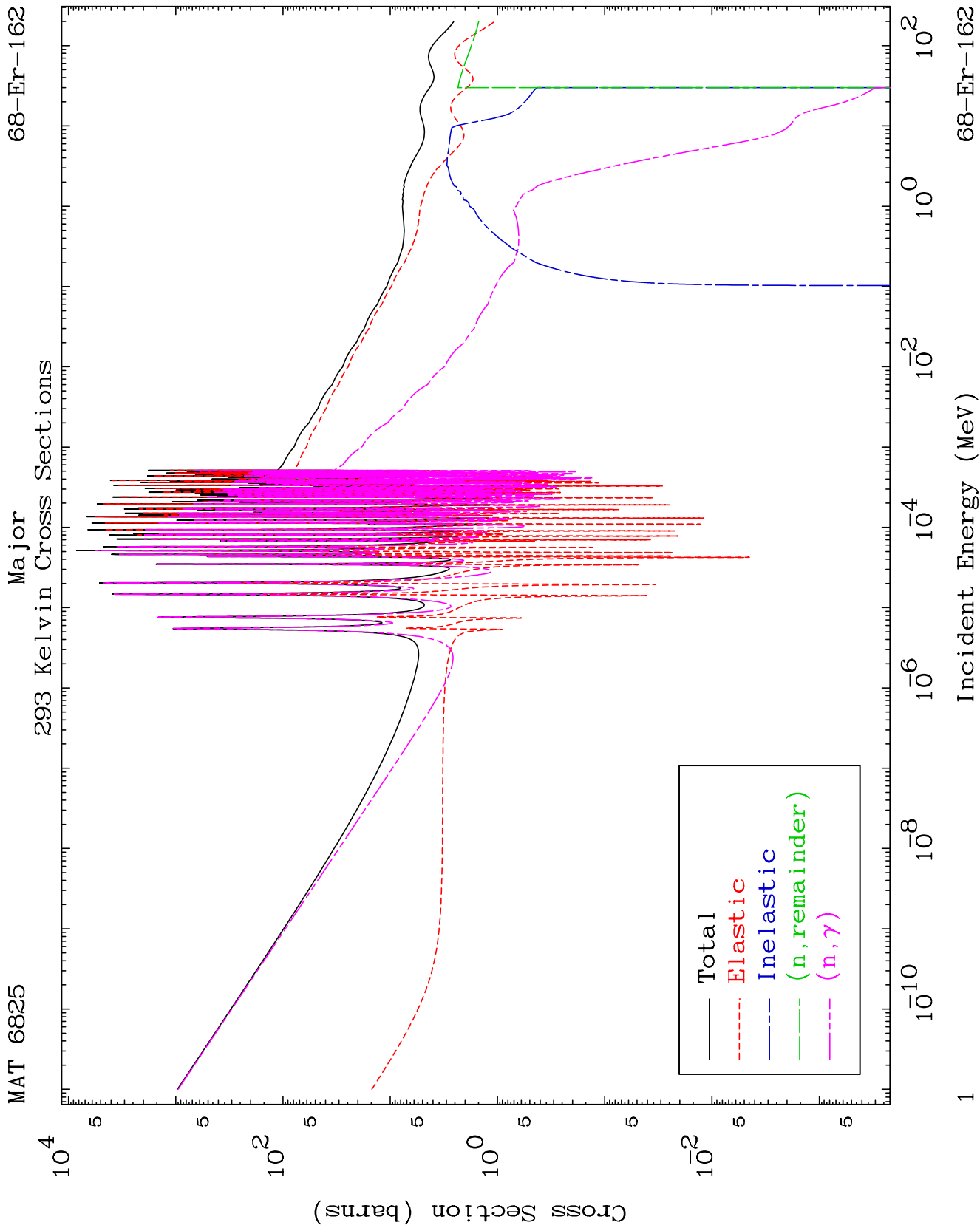
Dermott E. Cullen
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Livermore, CA 94550
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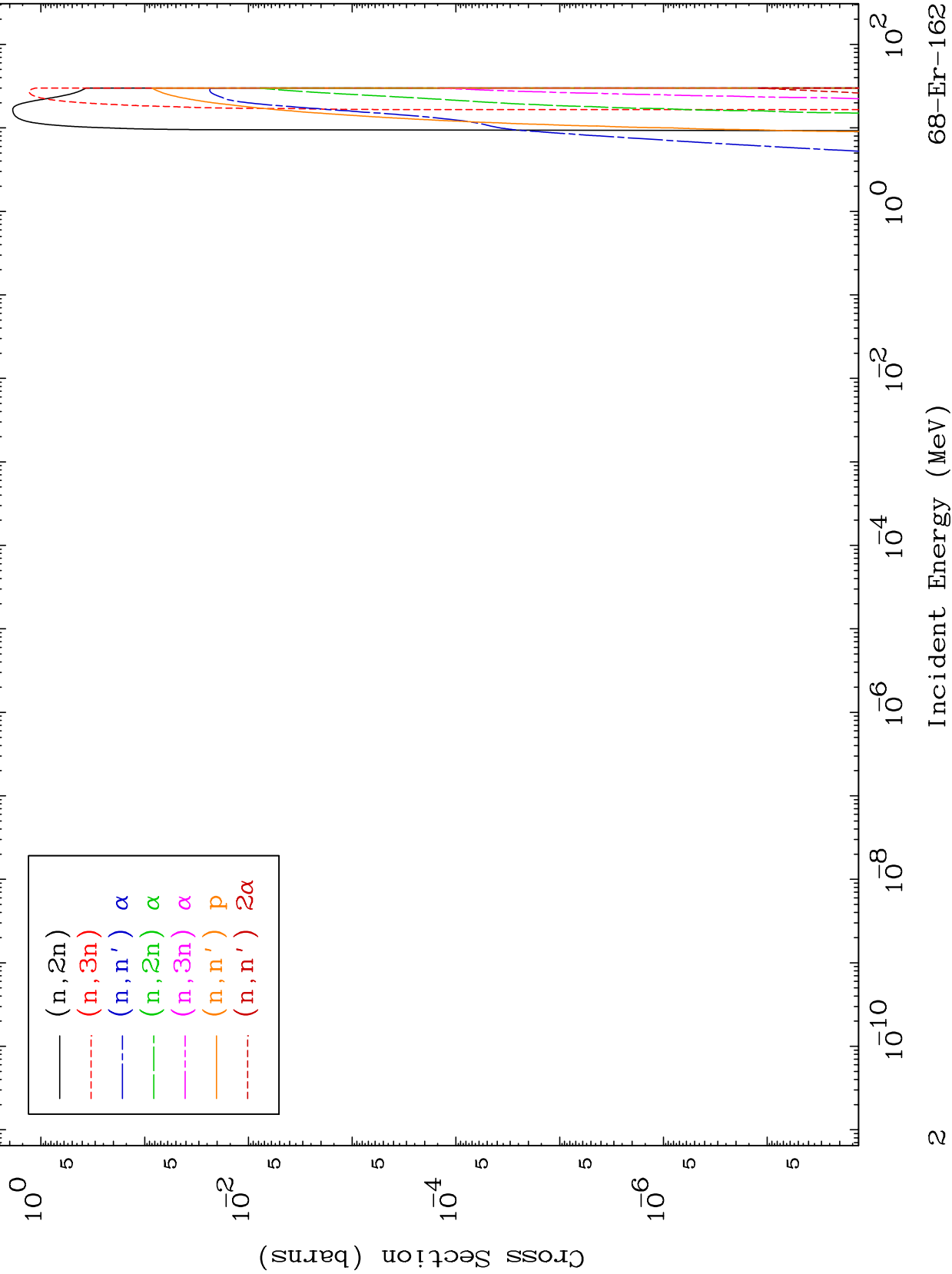
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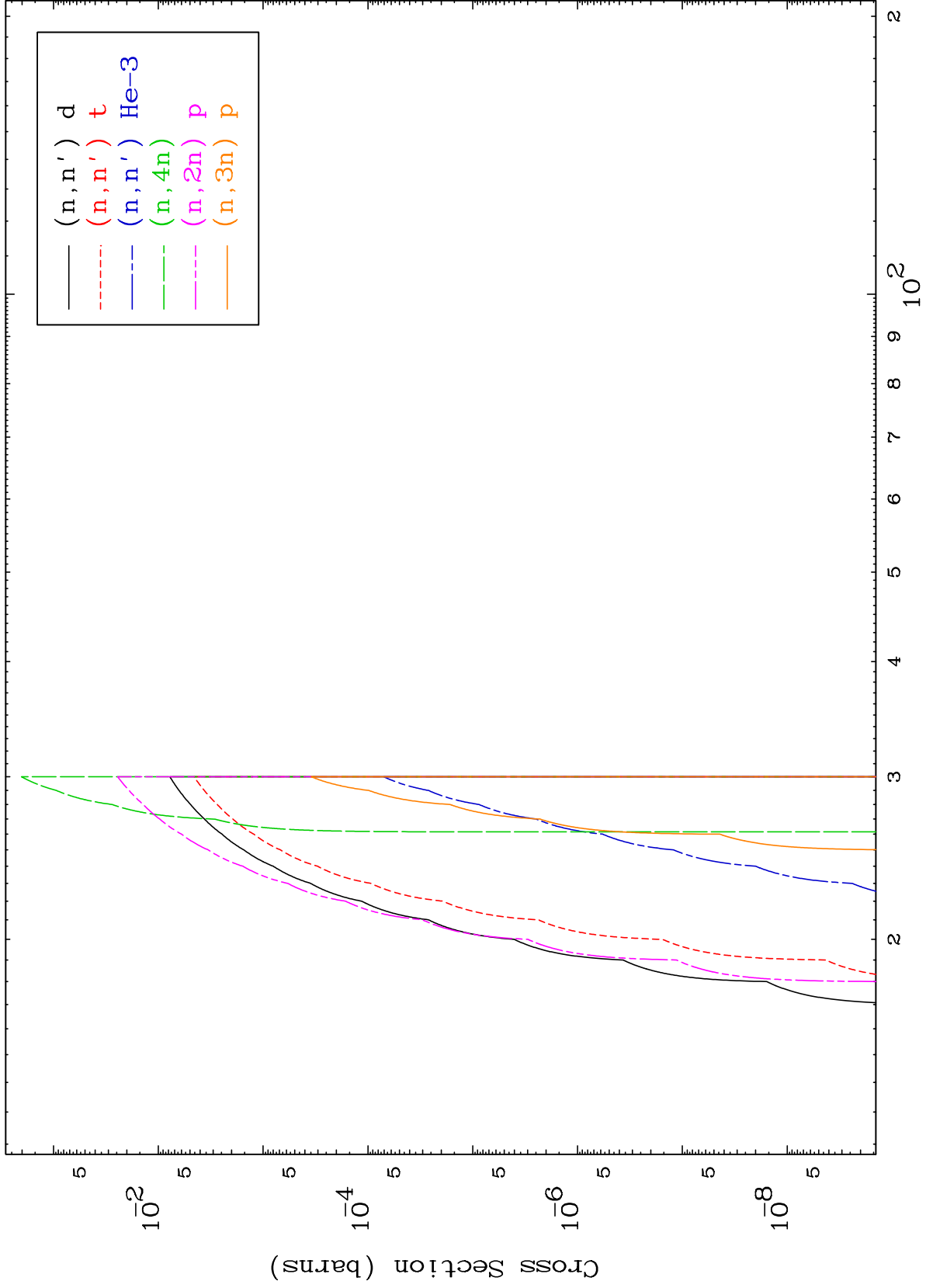


MAT 6825

Neutron Production
293 Kelvin Cross Sections

68-Er-162

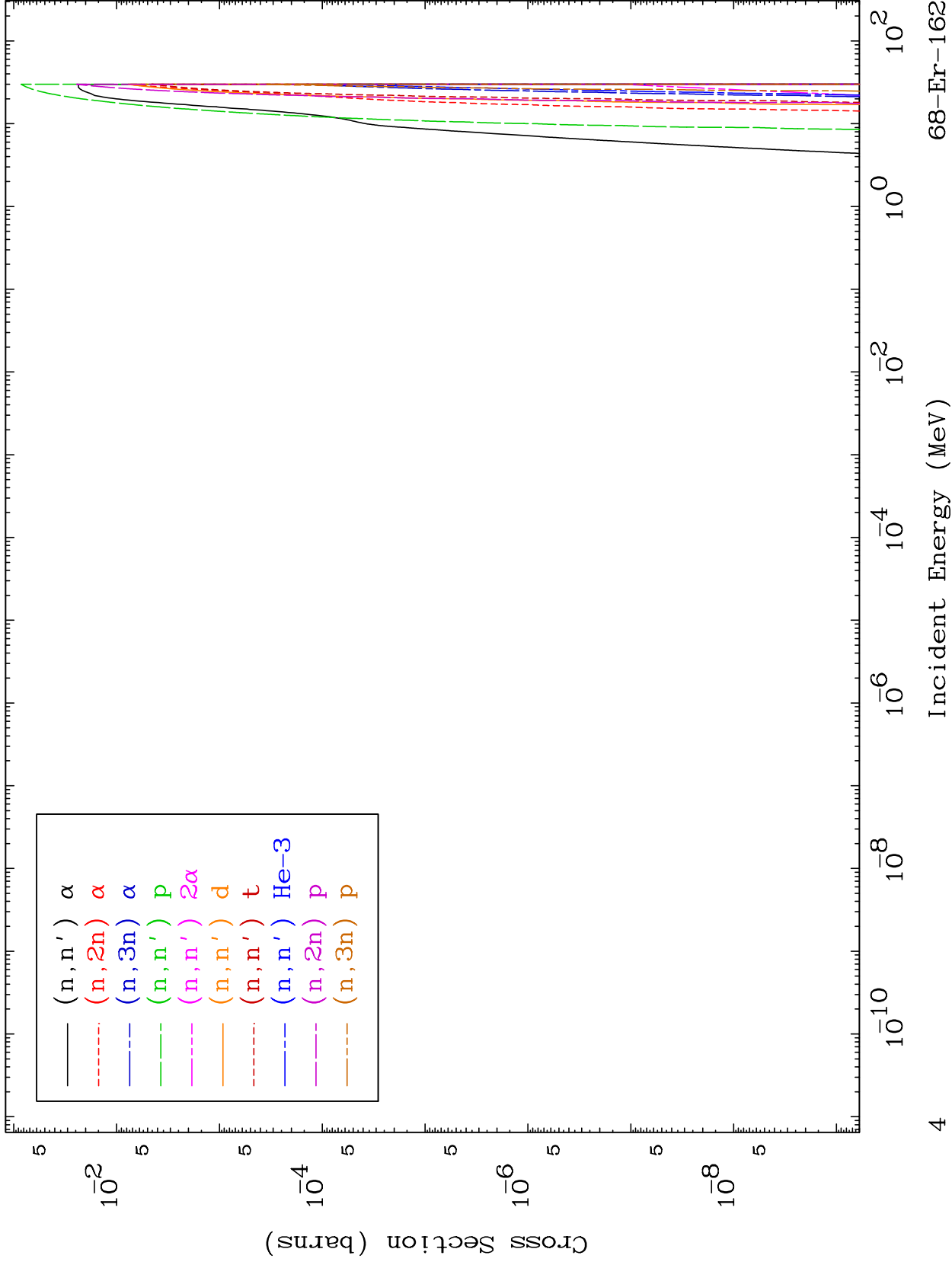




MAT 6825

Charged Particle
293 Kelvin Cross Sections

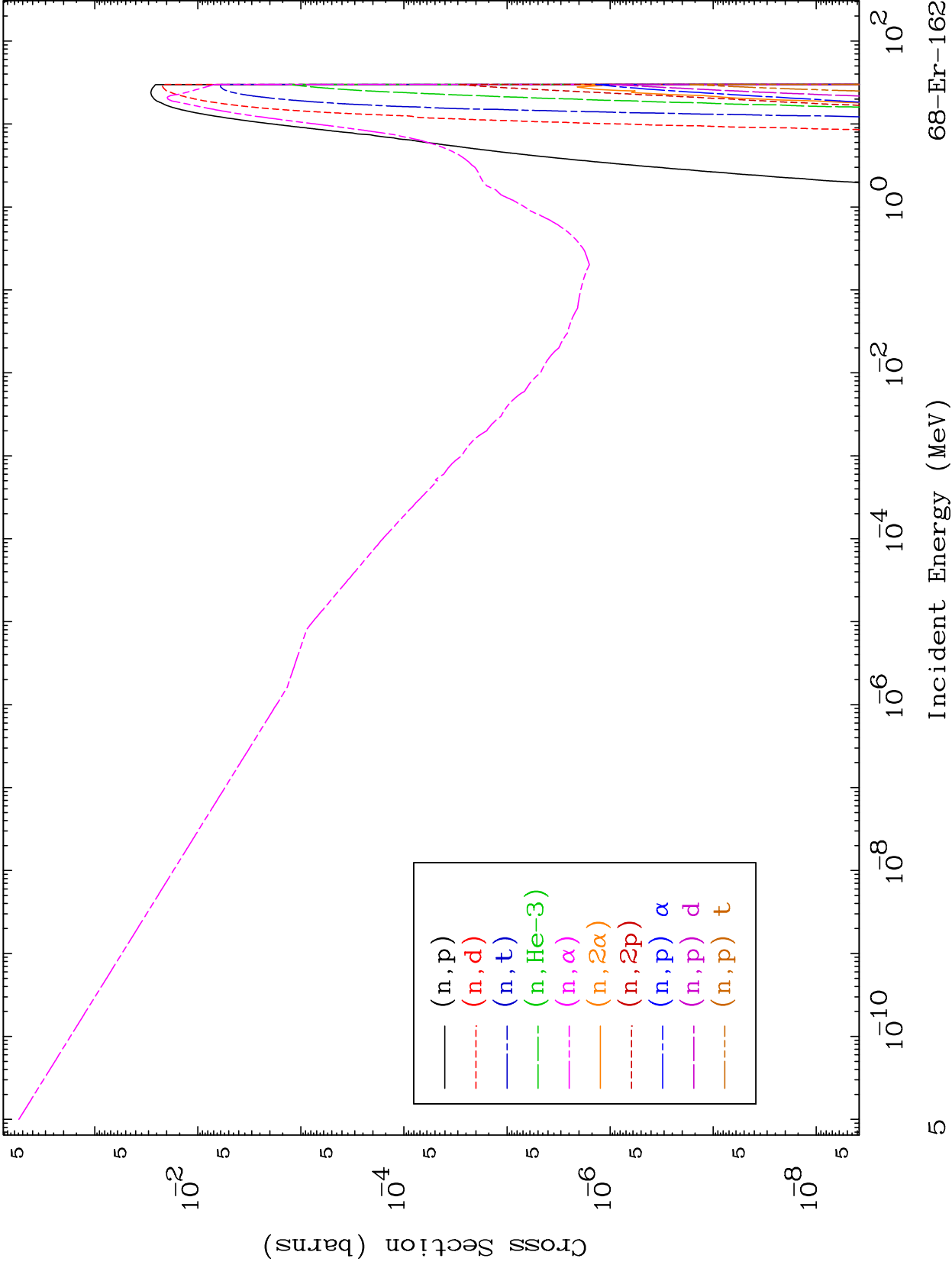
68-Er-162

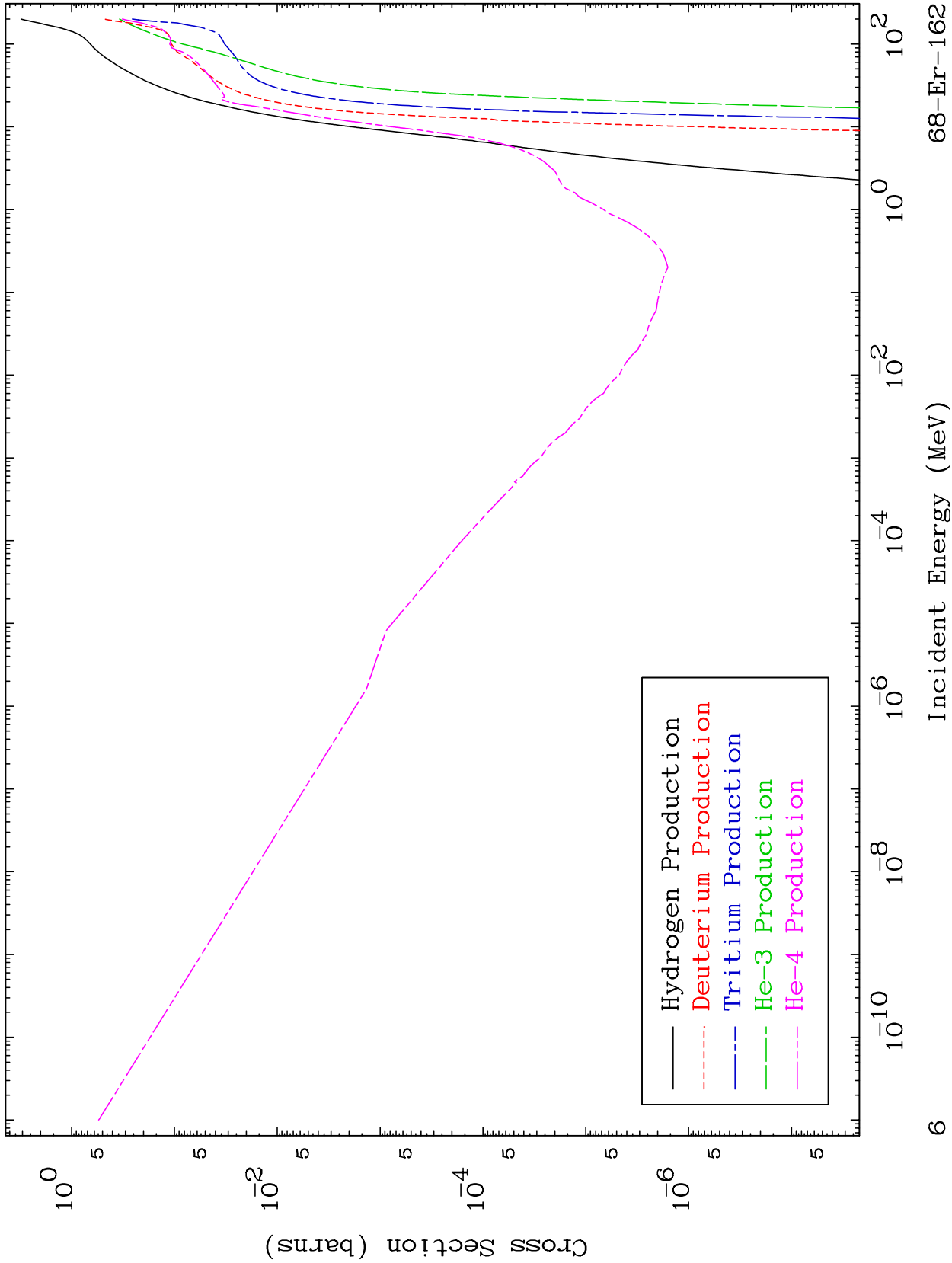


MAT 6825

Charged Particle
293 Kelvin Cross Sections

68-Er-162

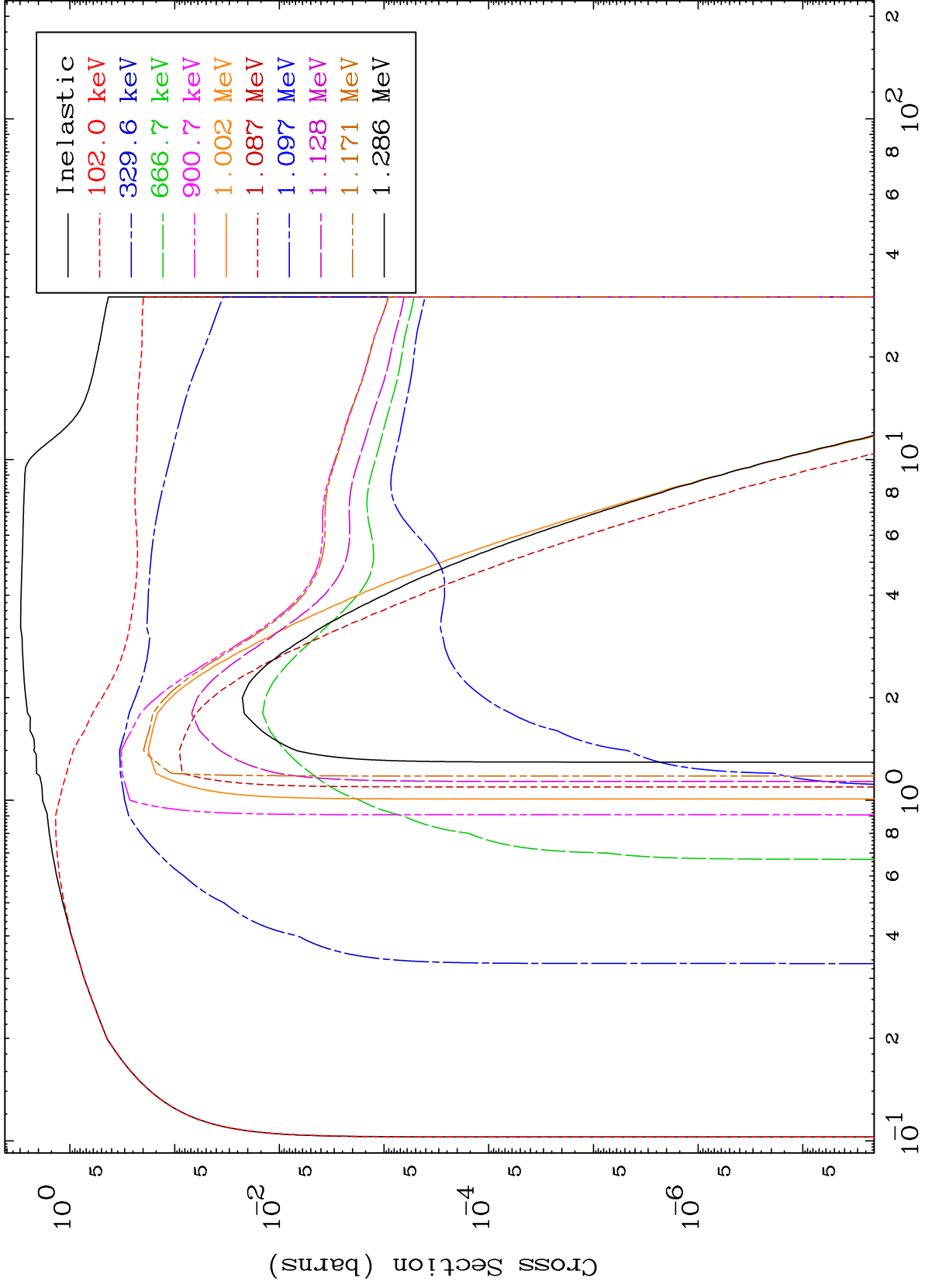




MAT 6825

(n,n') Level
293 Kelvin Cross Sections

68-Er-162



Incident Energy (MeV)

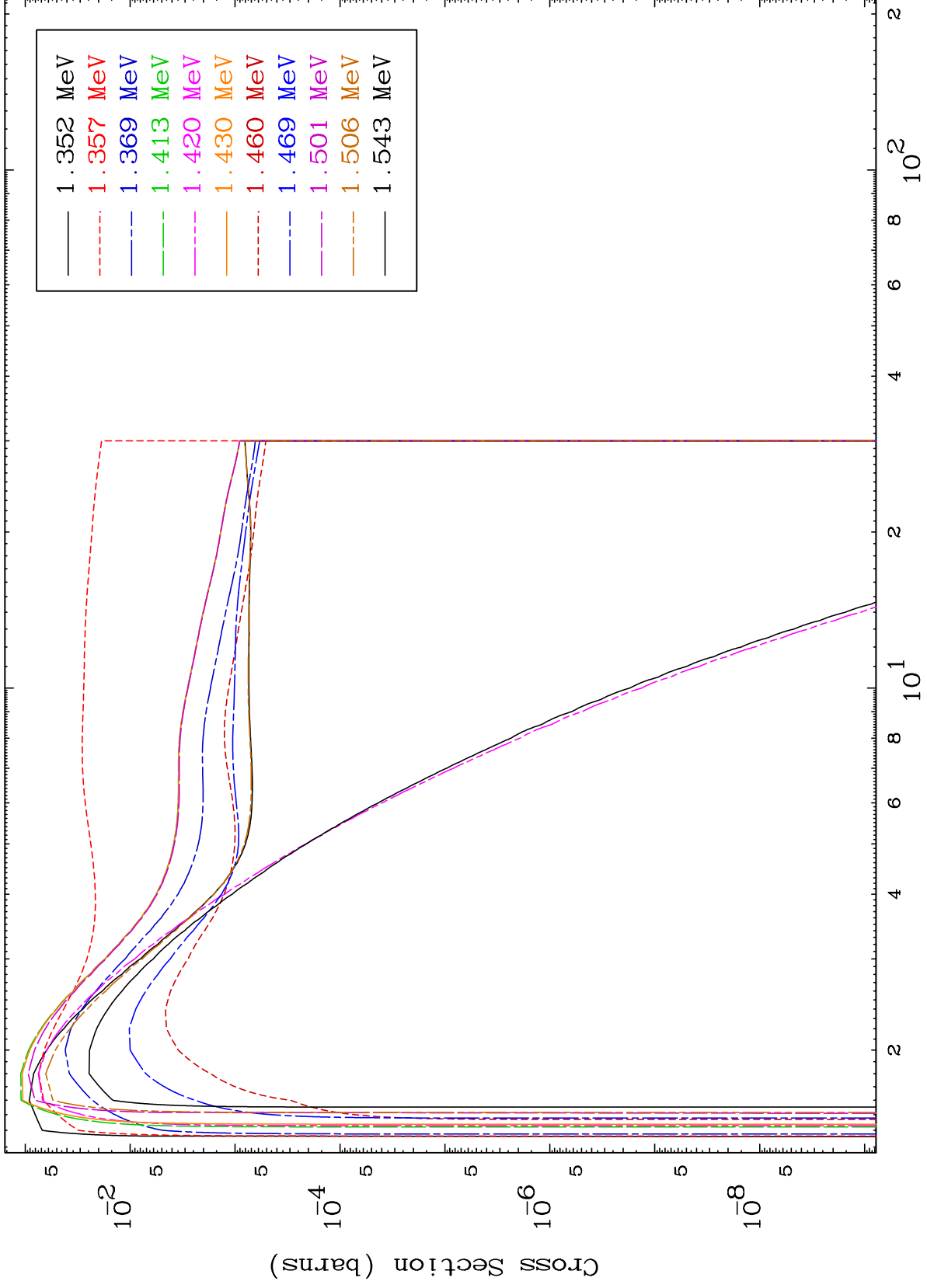
68-Er-162

7

MAT 6825

(n,n') Level
293 Kelvin Cross Sections

68-Er-162



8

Incident Energy (MeV)

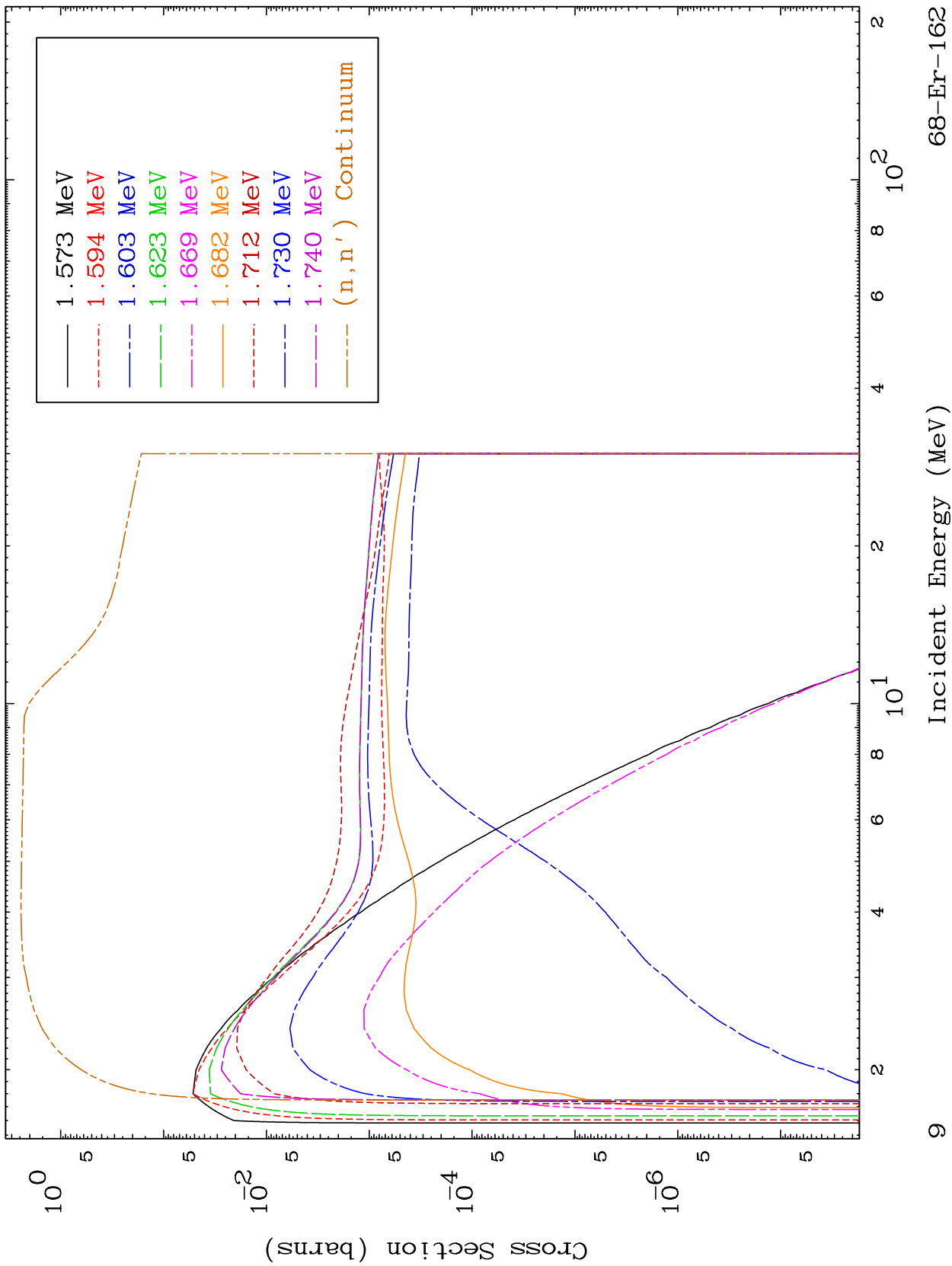
68-Er-162

MAT 6825

(n,n') Level

68-Er-162

293 Kelvin Cross Sections



9

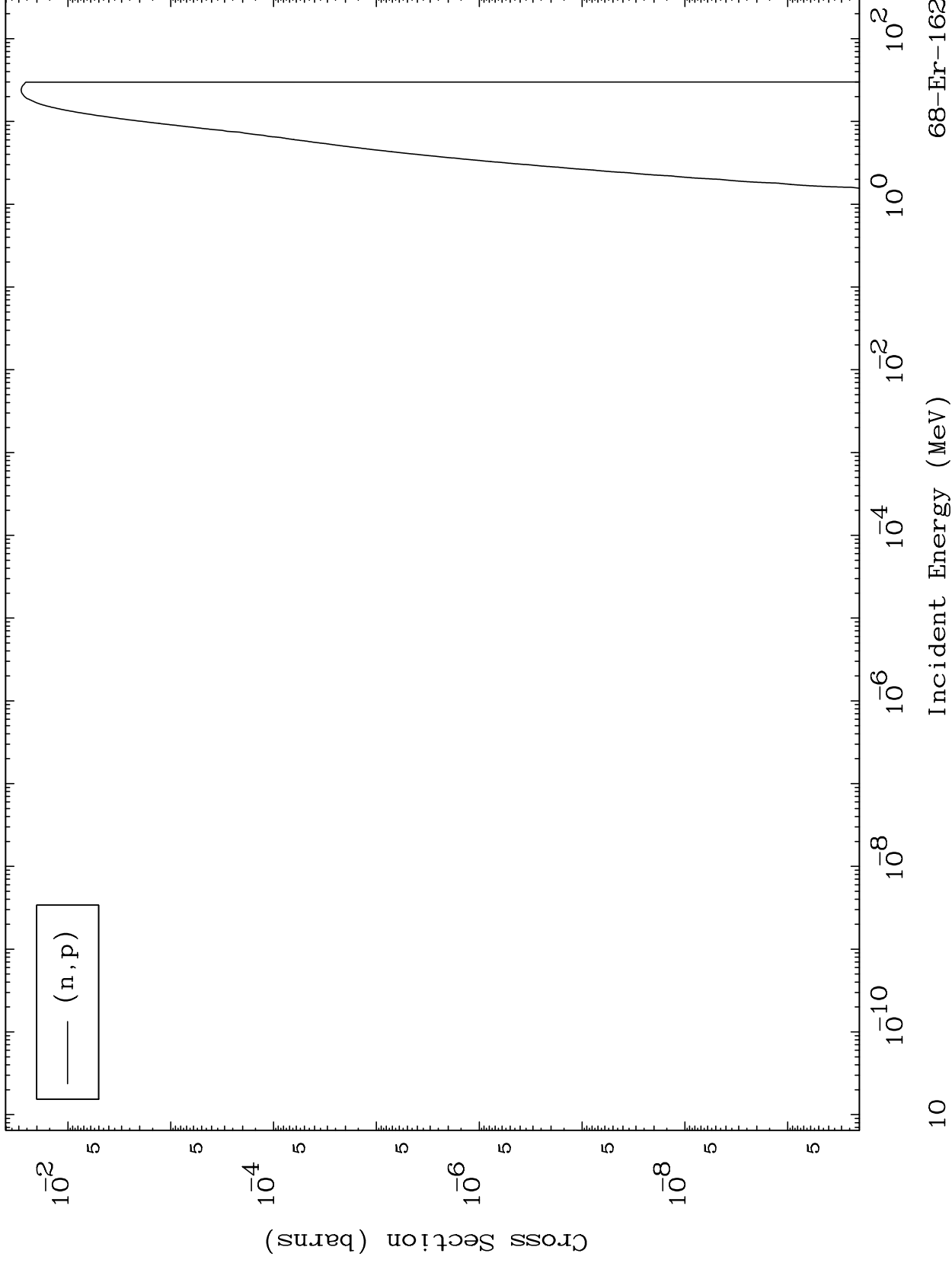
Incident Energy (MeV)

68-Er-162

MAT 6825

(n,p) Levels
293 Kelvin Cross Sections

68-Er-162



10

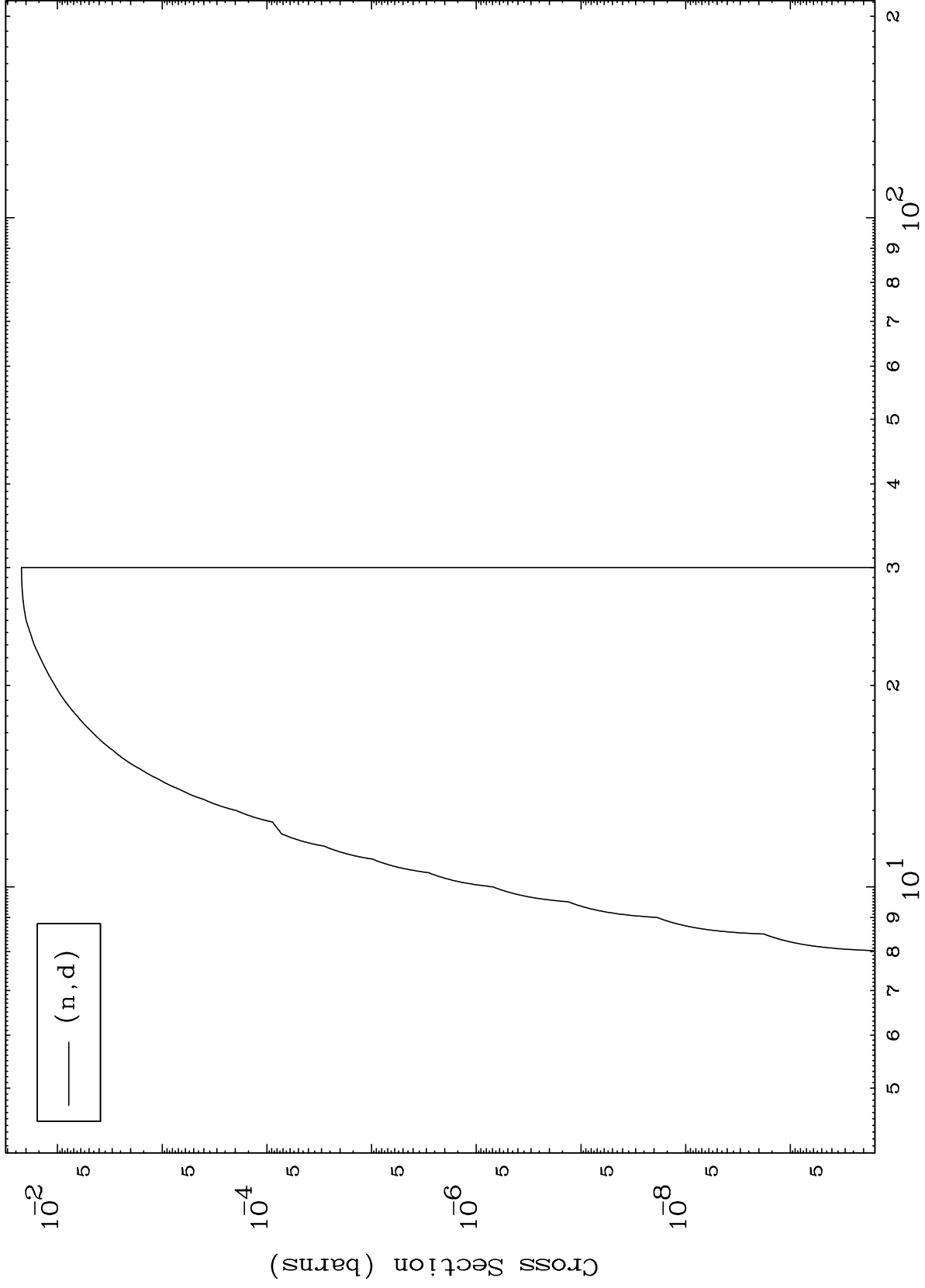
Incident Energy (MeV)

68-Er-162

MAT 6825

(n,d) Levels
293 Kelvin Cross Sections

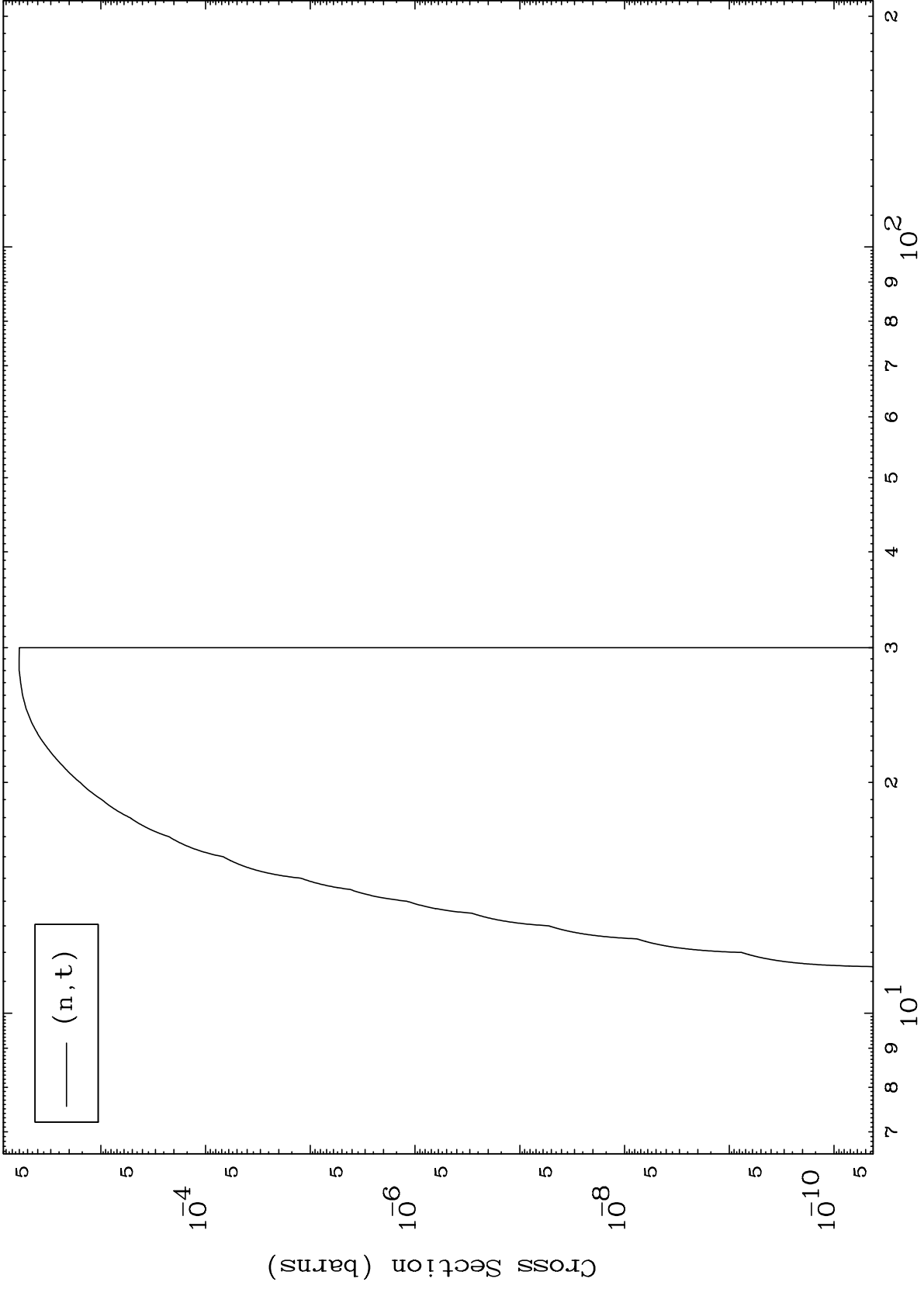
68-Er-162



MAT 6825

(n,t) Levels
293 Kelvin Cross Sections

68-Er-162



12

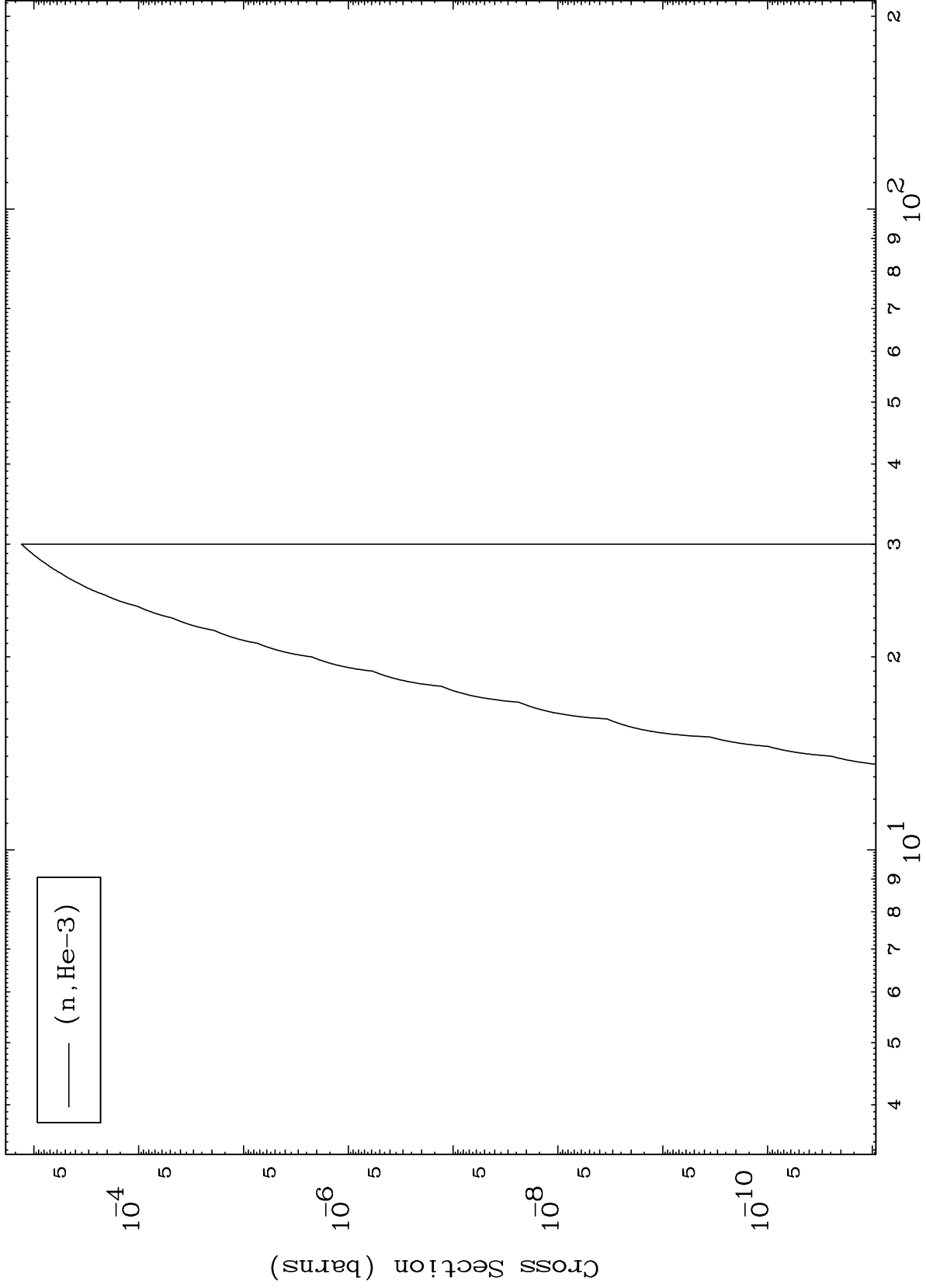
Incident Energy (MeV)

68-Er-162

MAT 6825

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-162



13

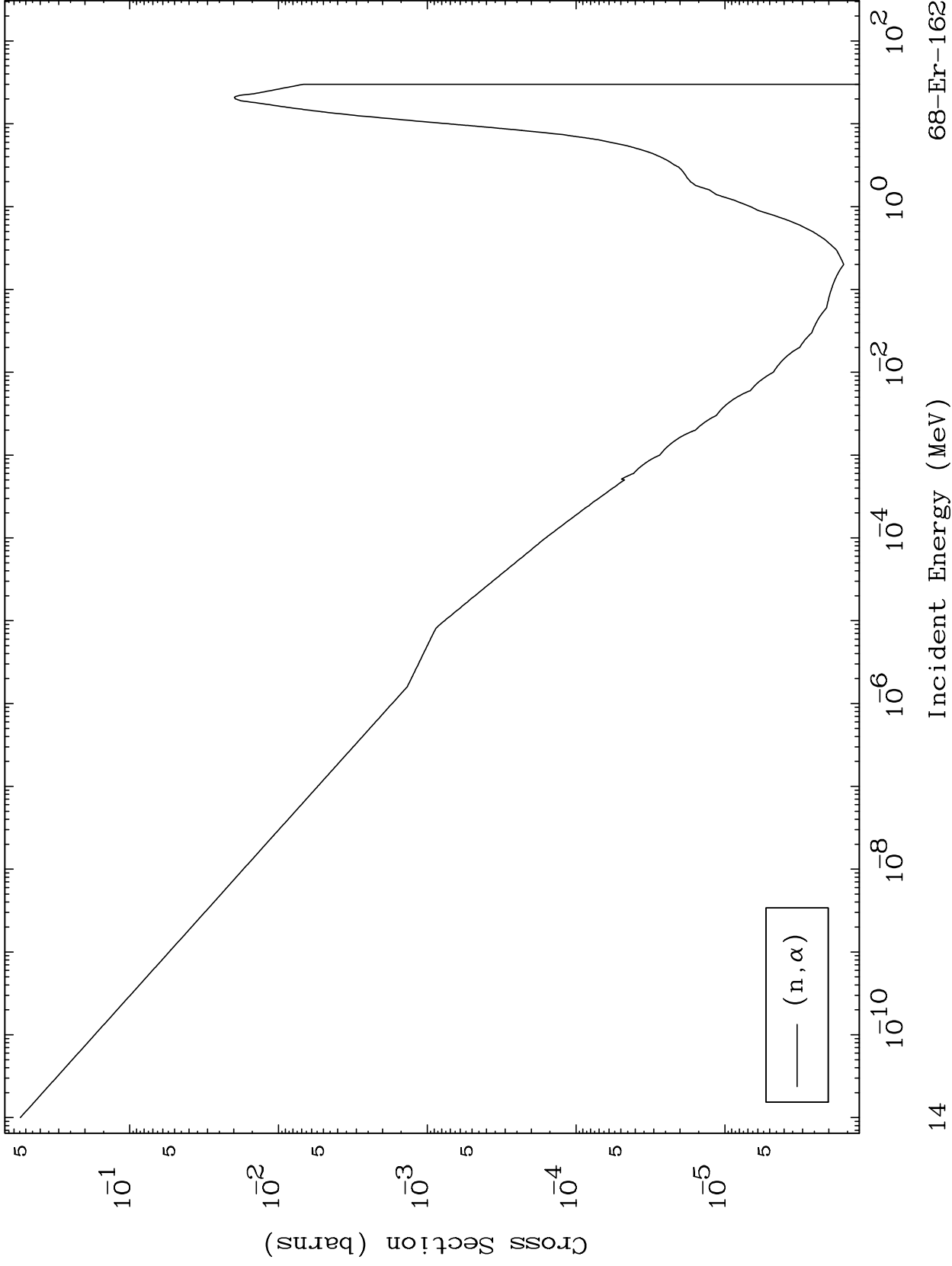
Incident Energy (MeV)

68-Er-162

MAT 6825

(n, α) Levels
293 Kelvin Cross Sections

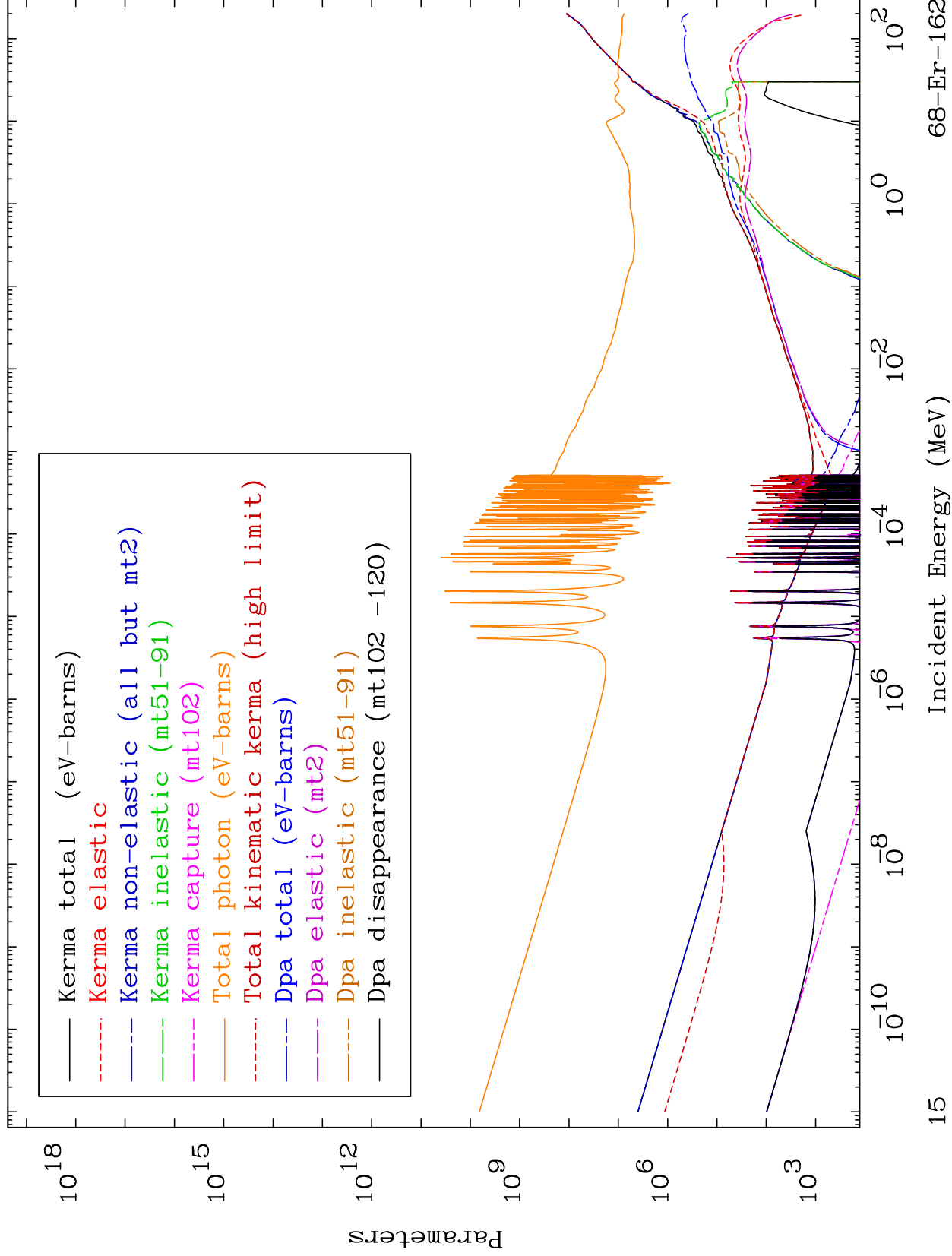
68-Er-162



14

Incident Energy (MeV)

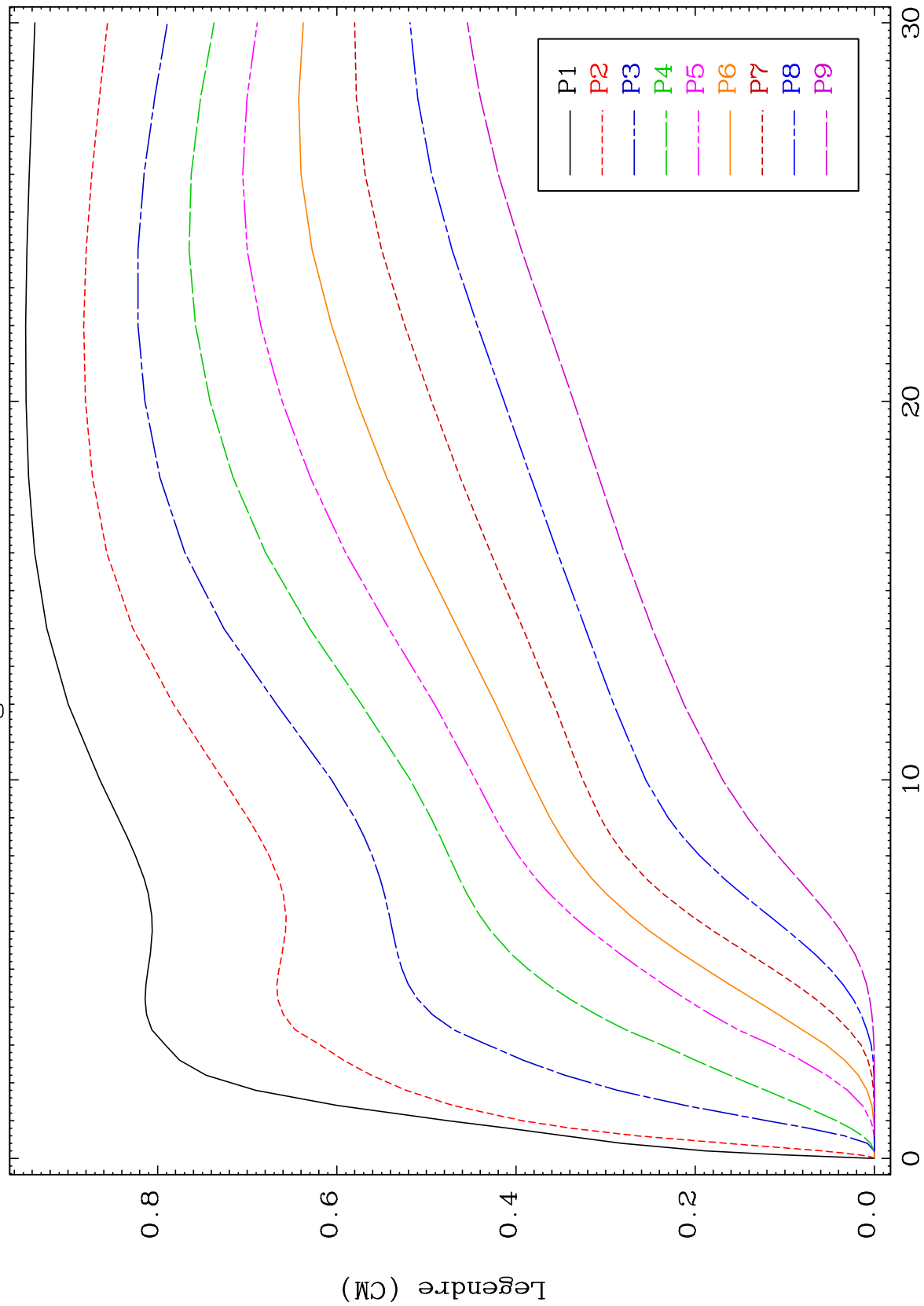
68-Er-162



MAT 6825

Elastic Legendre Coefficients

68-Er-162



16

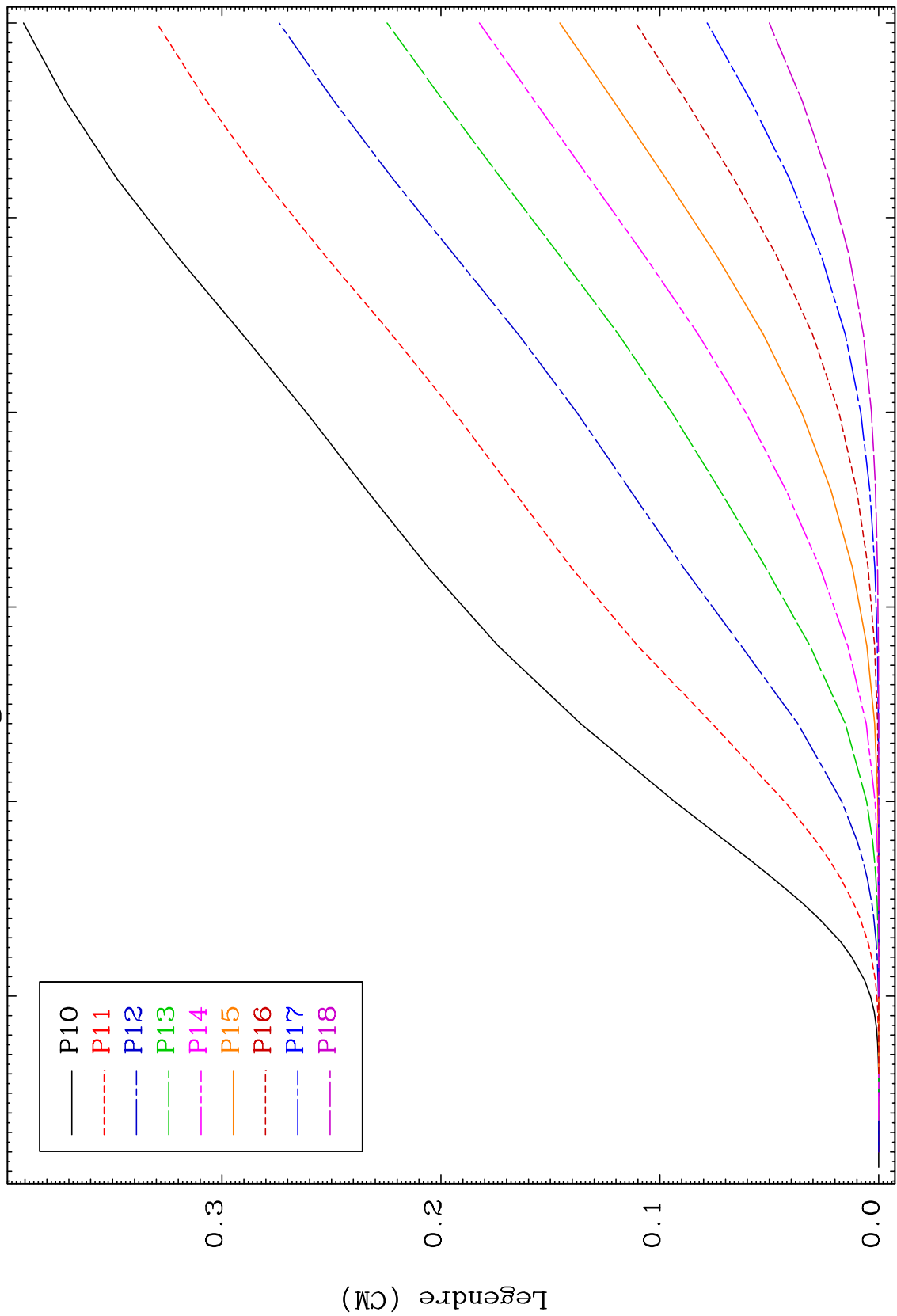
Incident Energy (MeV)

68-Er-162

MAT 6825

Elastic Legendre Coefficients

68-Er-162



17

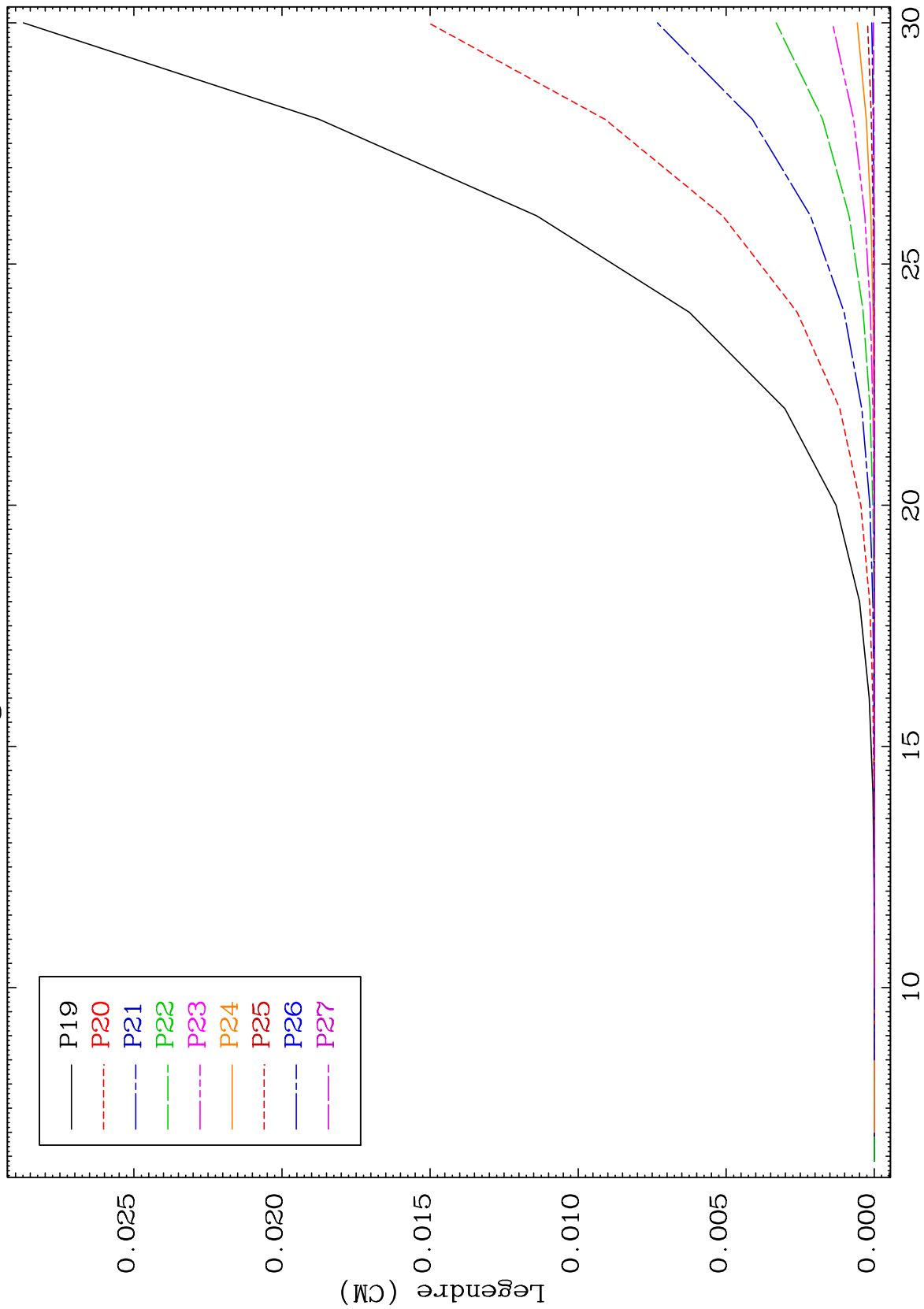
Incident Energy (MeV)

68-Er-162

MAT 6825

Elastic Legendre Coefficients

68-Er-162



18

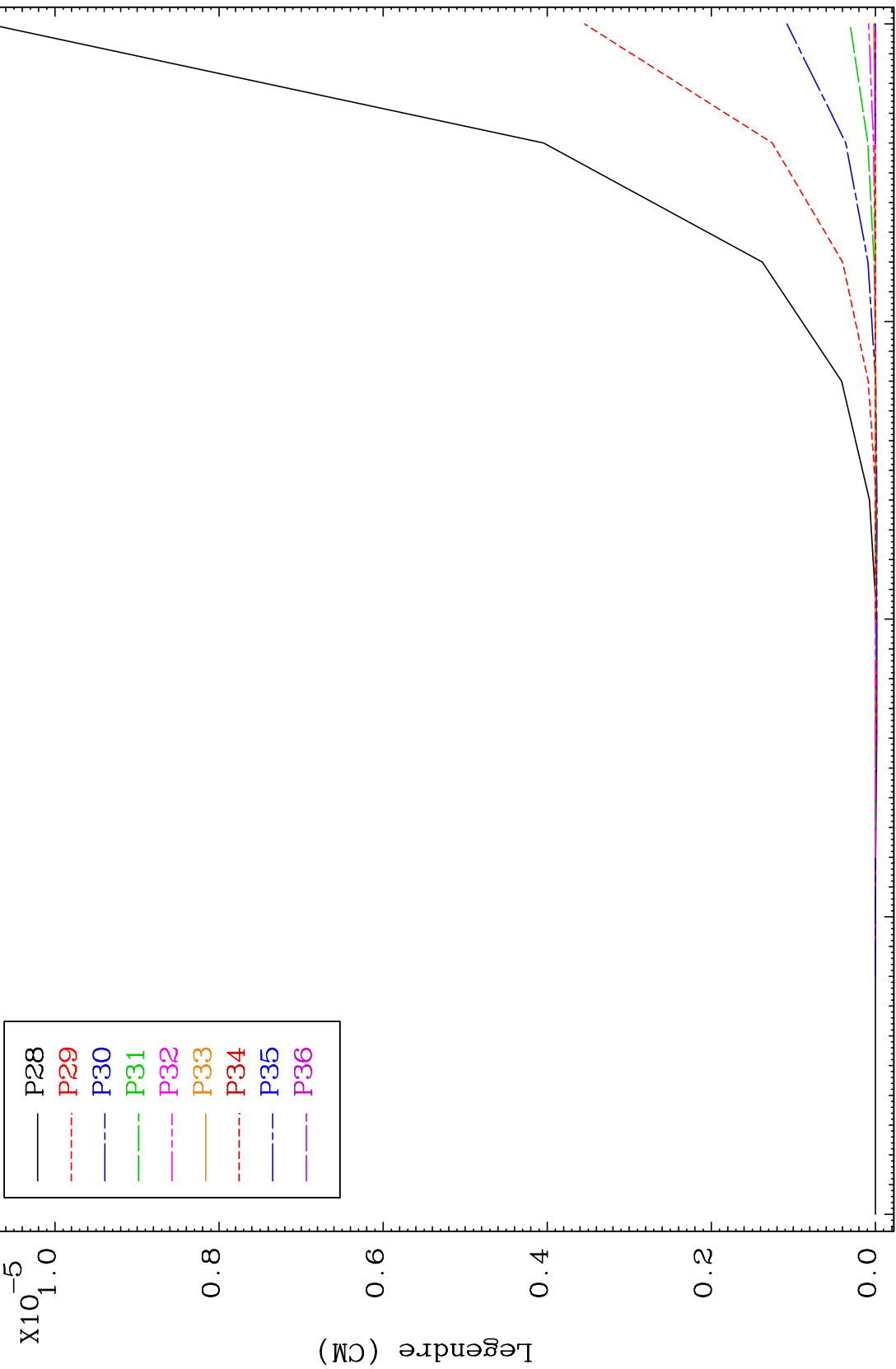
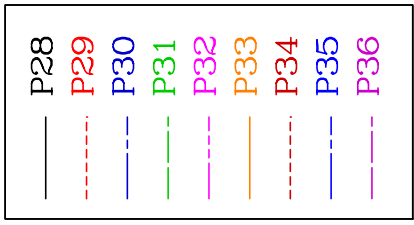
Incident Energy (MeV)

68-Er-162

MAT 6825

Elastic Legendre Coefficients

68-Er-162



19

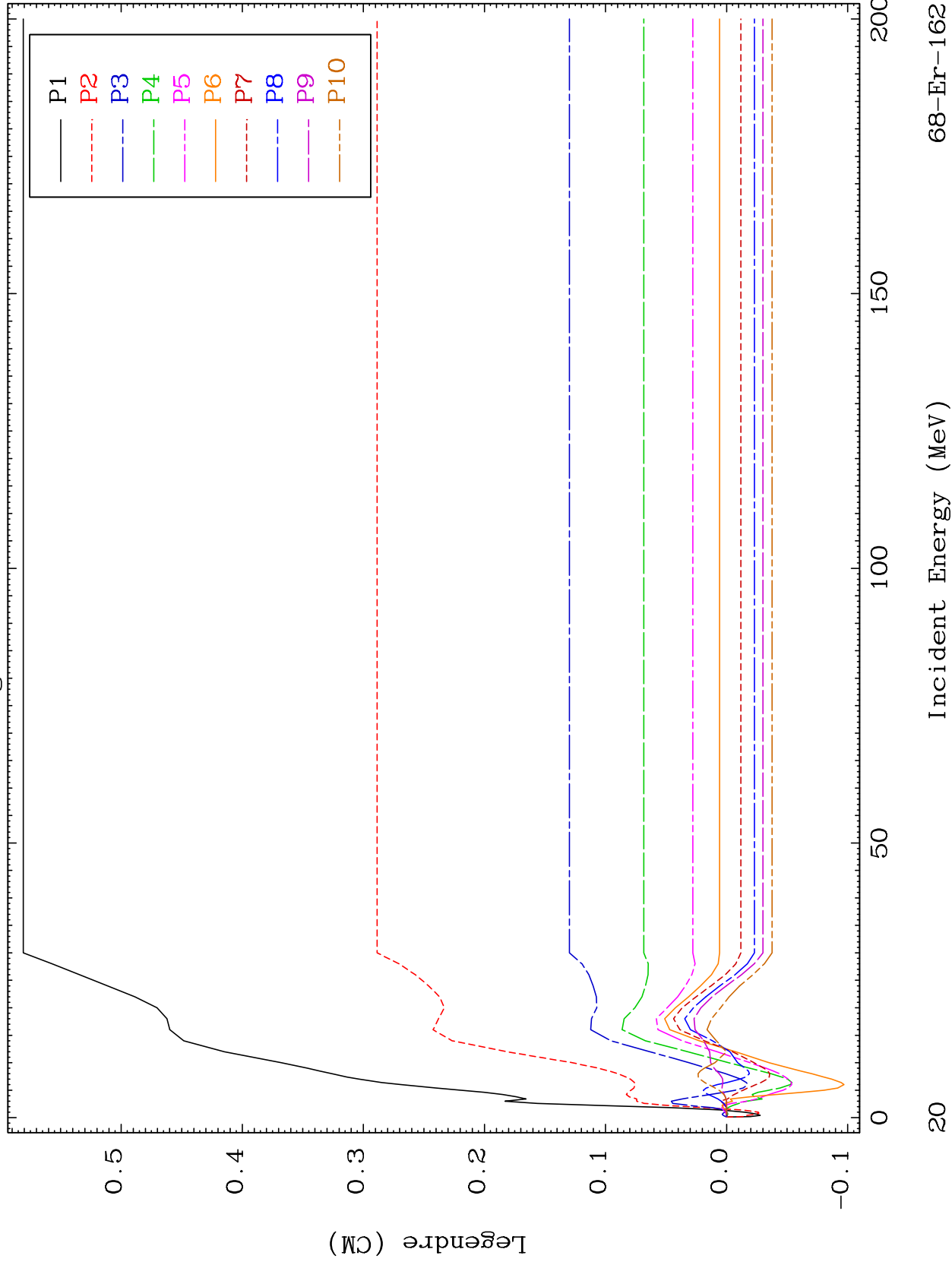
Incident Energy (MeV)

68-Er-162

MAT 6825

102.0 keV (n,n') Level
Legendre Coefficients

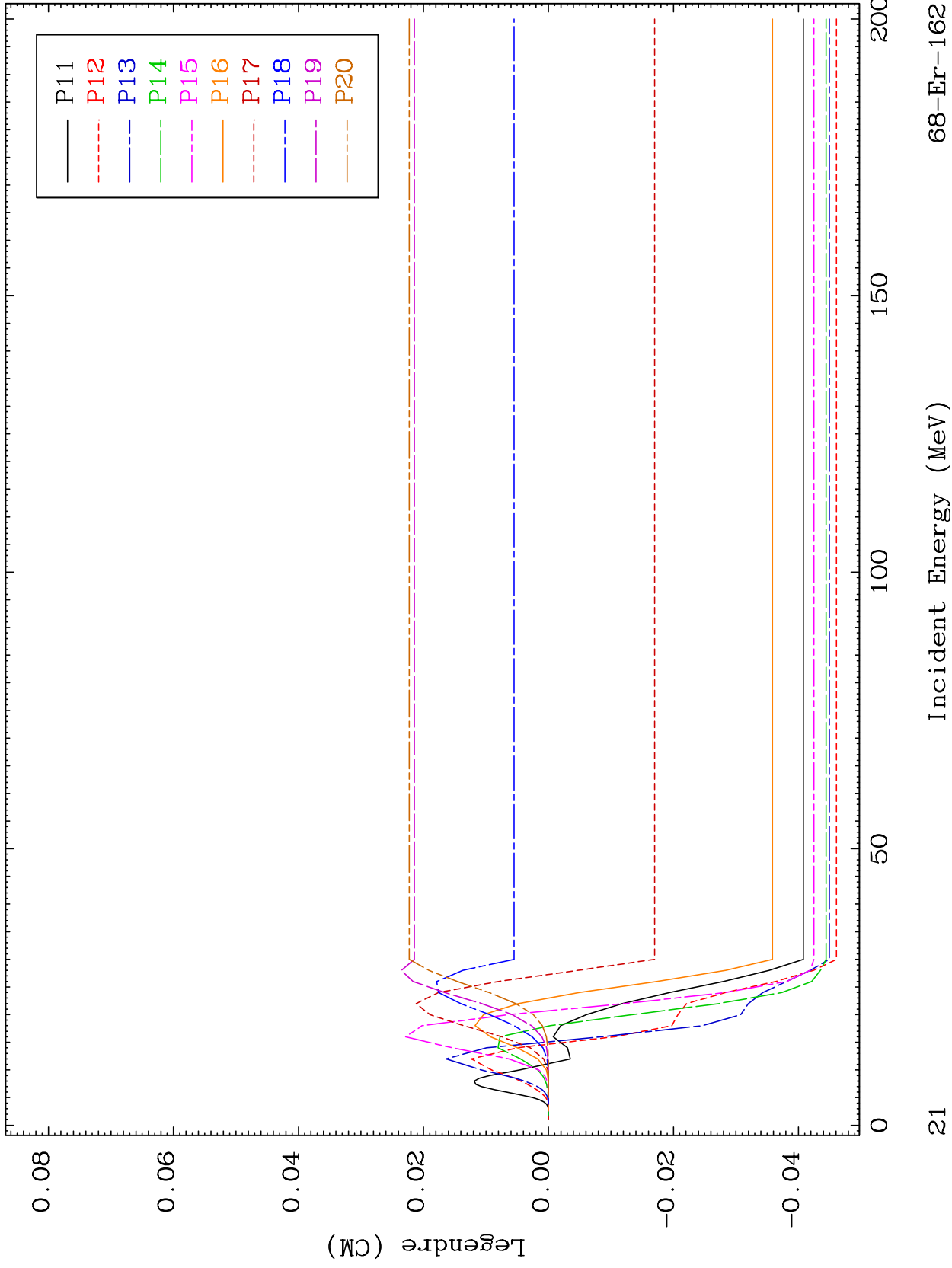
68-Er-162



MAT 6825

102.0 keV (n,n') Level
Legendre Coefficients

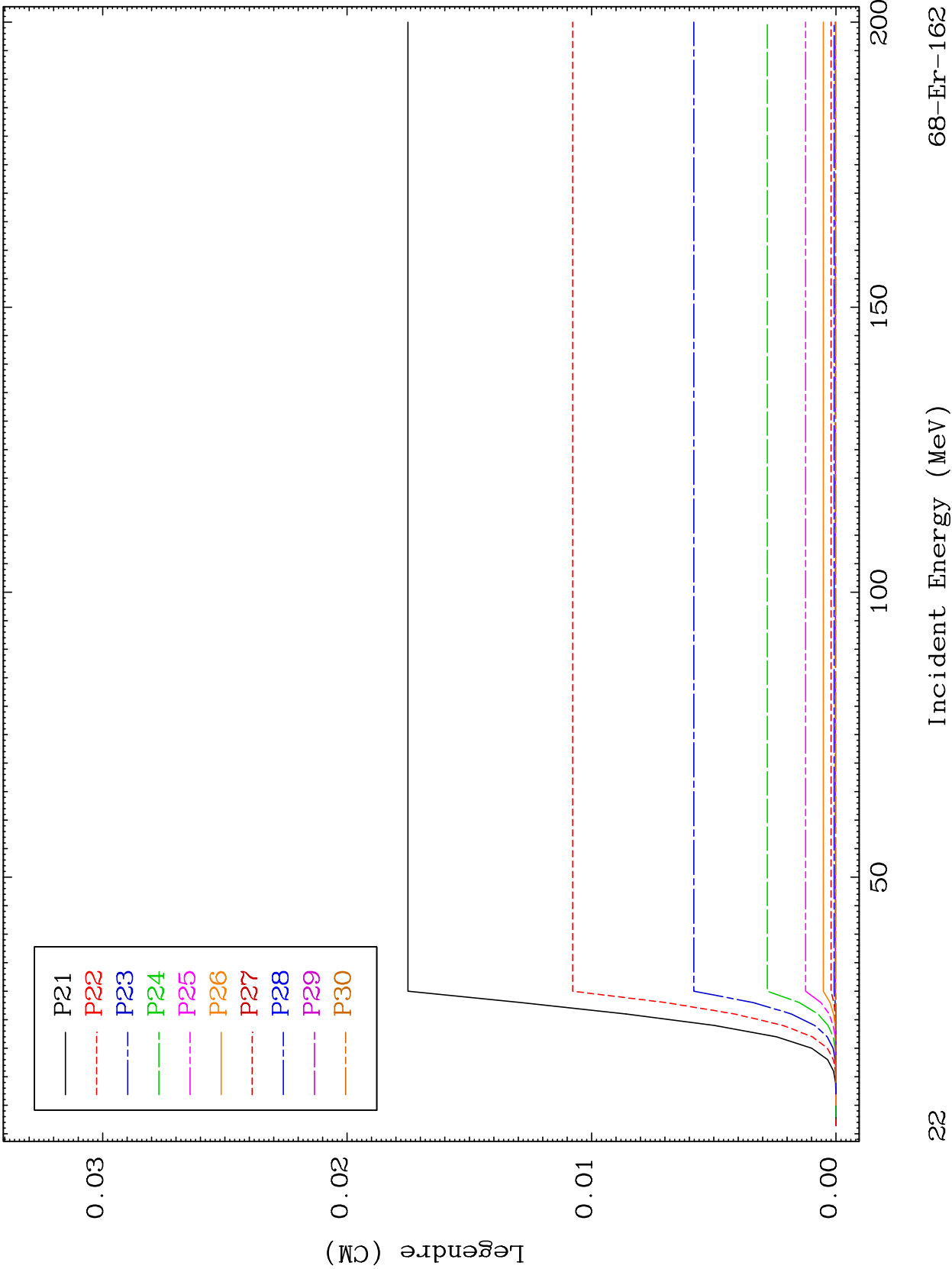
68-Er-162



21

Incident Energy (MeV)

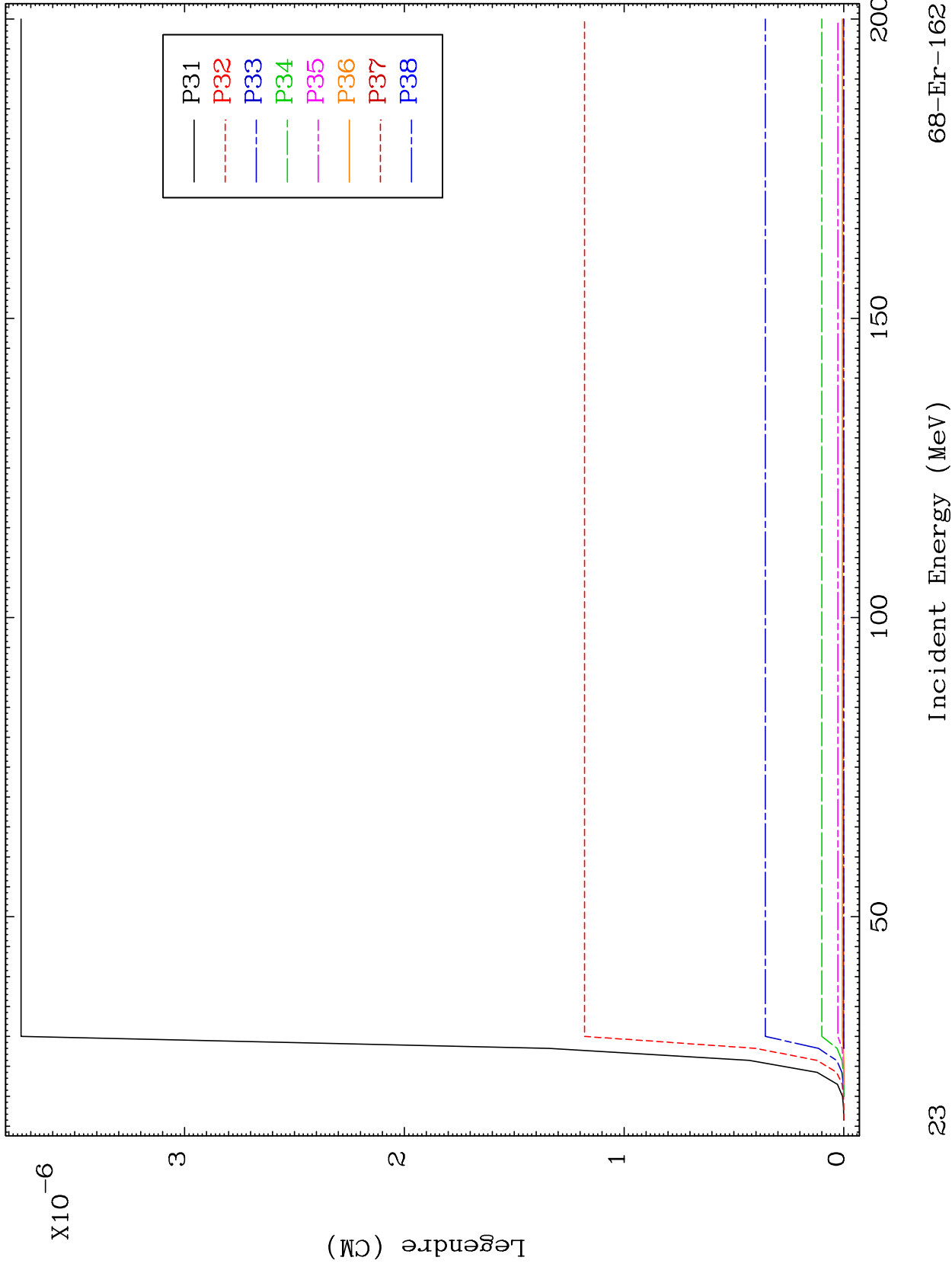
68-Er-162



MAT 6825

102.0 keV (n,n') Level
Legendre Coefficients

68-Er-162



23

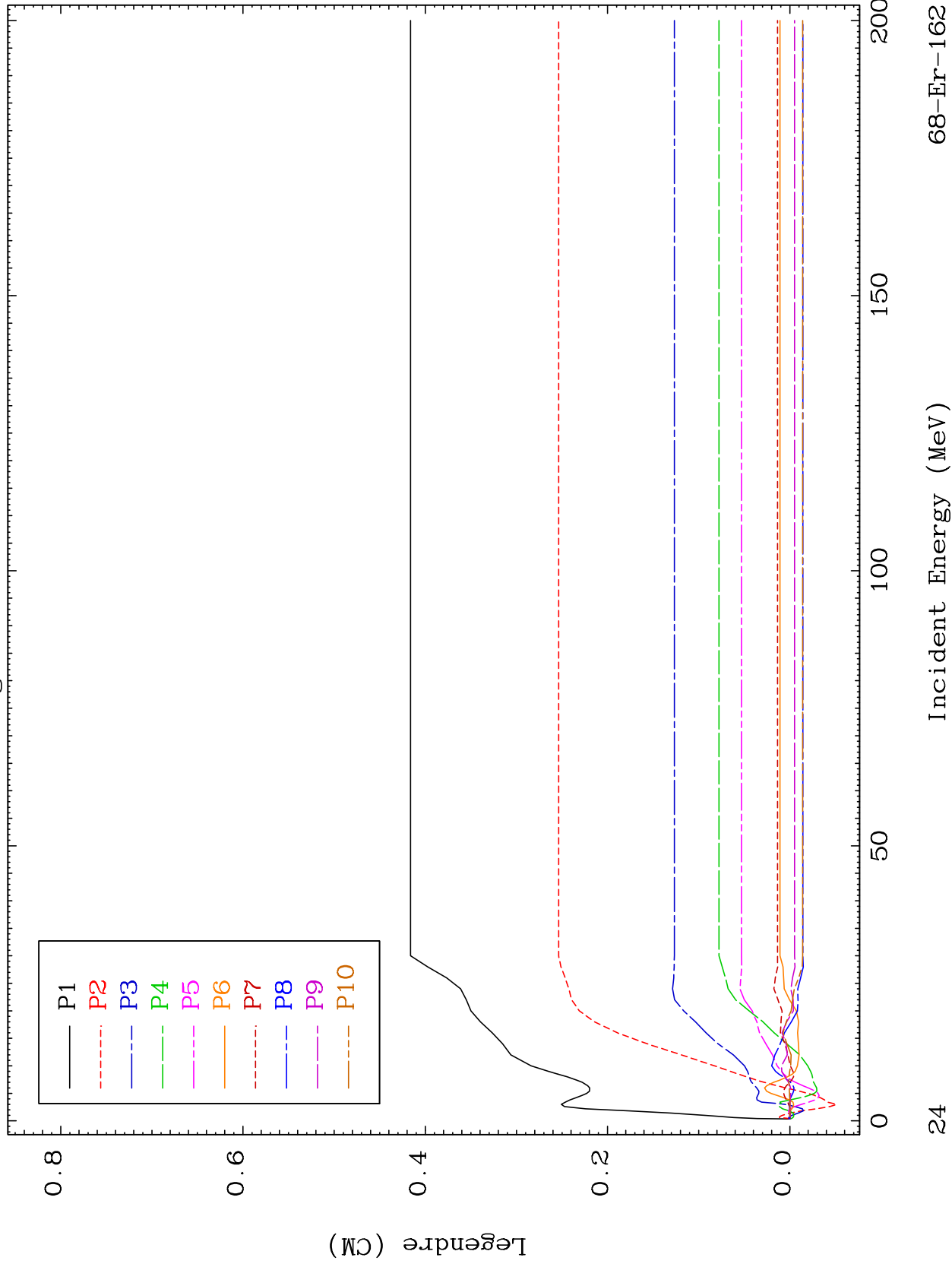
Incident Energy (MeV)

68-Er-162

MAT 6825

329.6 keV (n,n') Level
Legendre Coefficients

68-Er-162



24

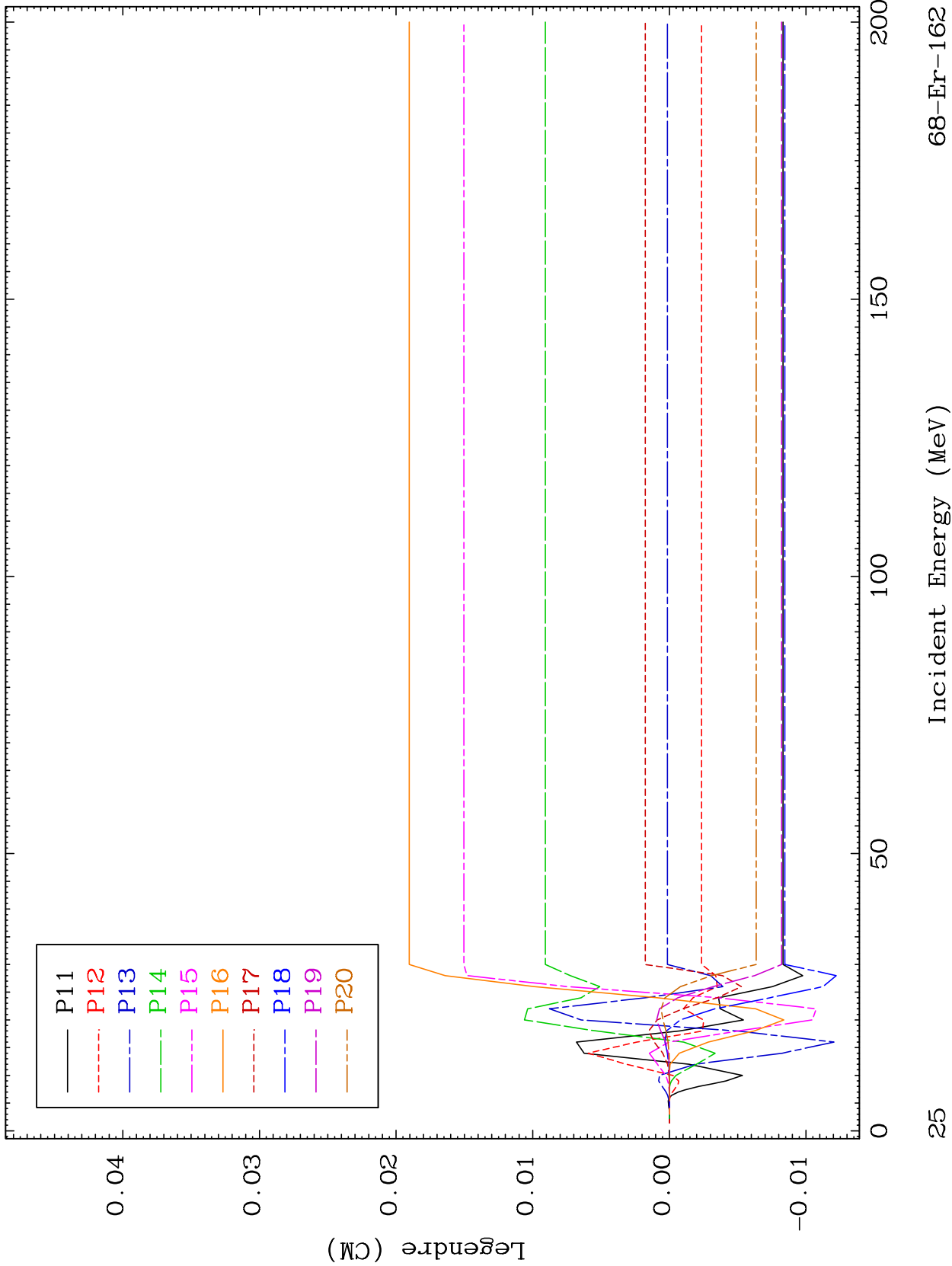
Incident Energy (MeV)

68-Er-162

MAT 6825

329.6 keV (n,n') Level
Legendre Coefficients

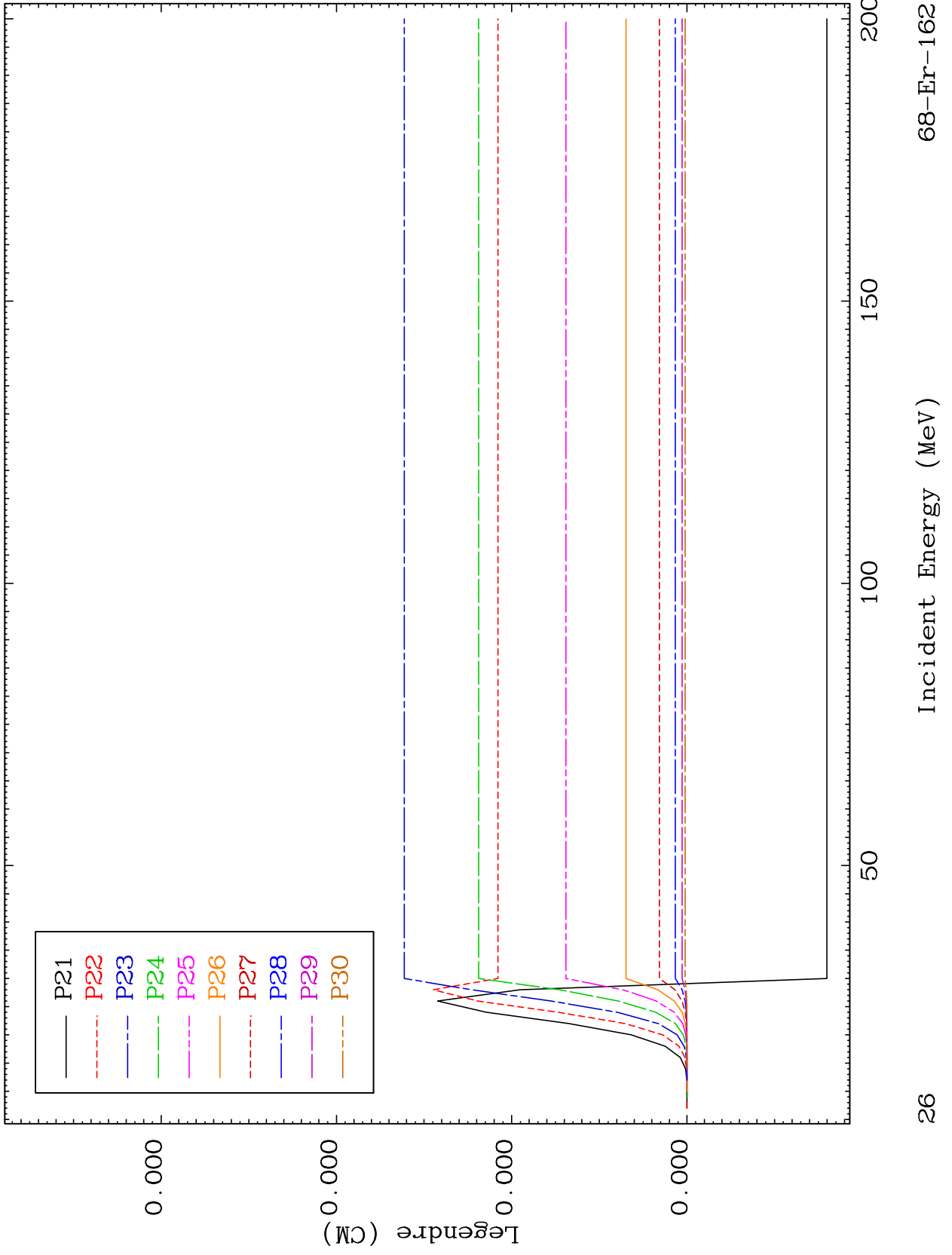
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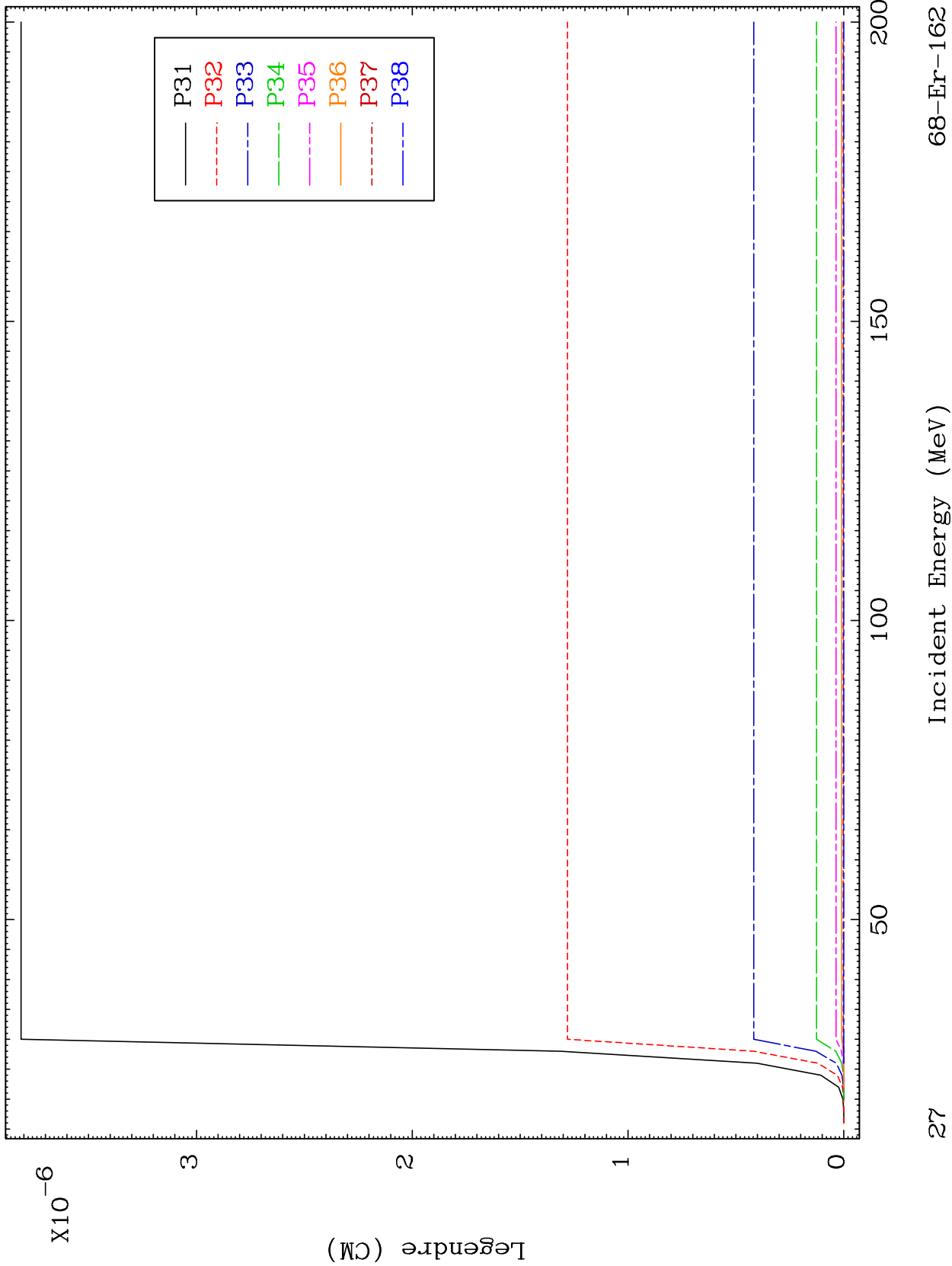


68-Er-162

Incident Energy (MeV)

25

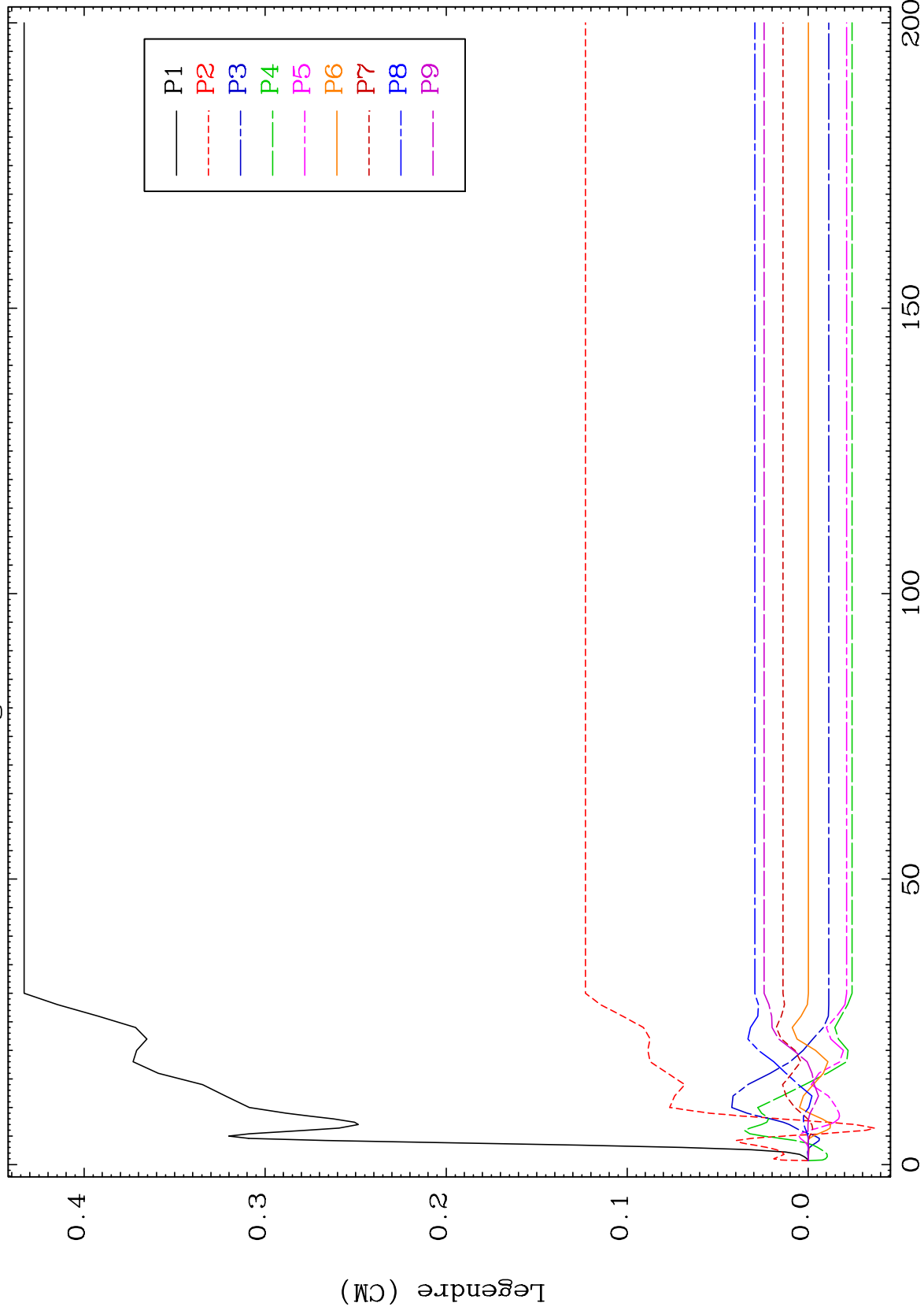




MAT 6825

666.7 keV (n,n') Level
Legendre Coefficients

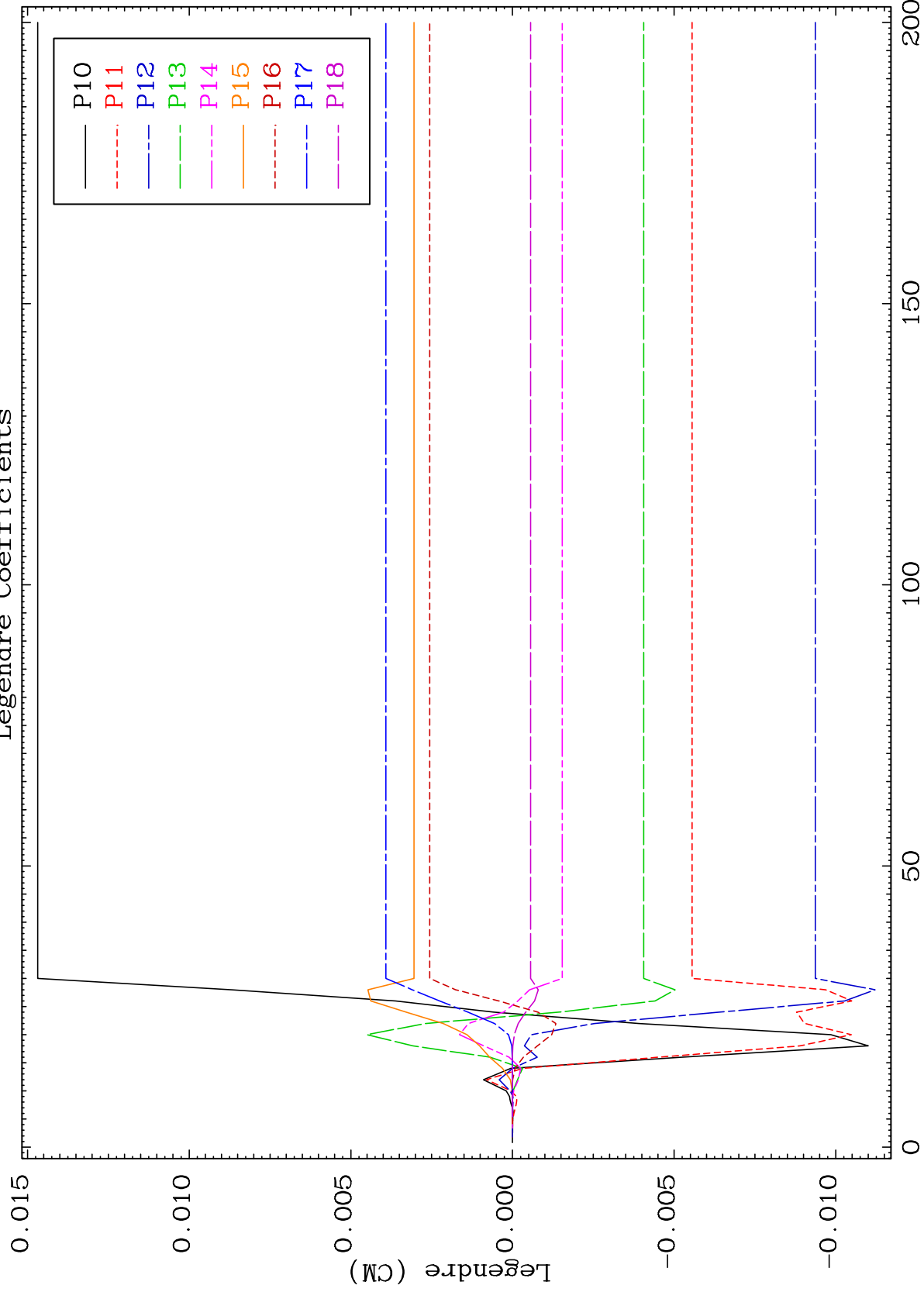
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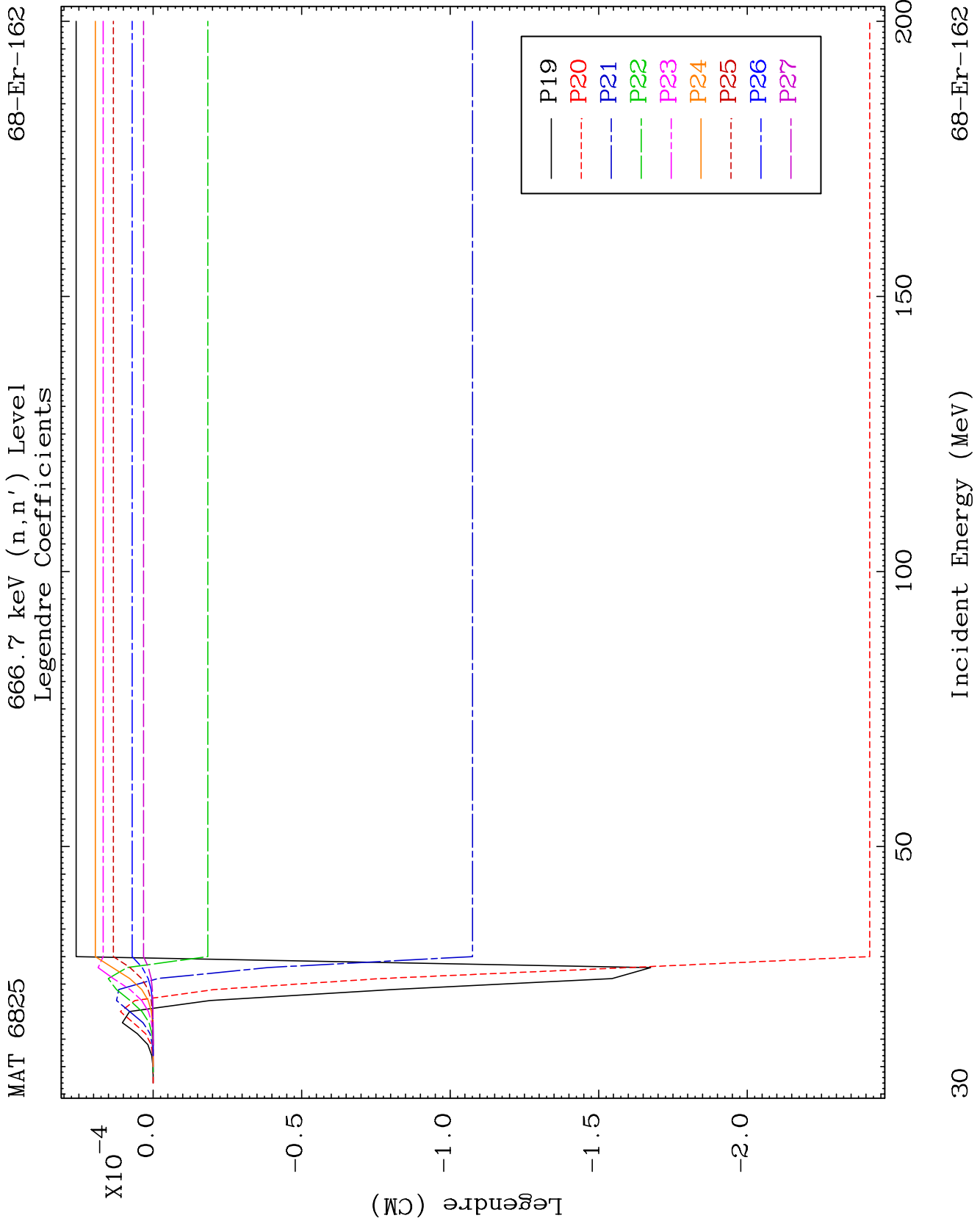


28

Incident Energy (MeV)

68-Er-162

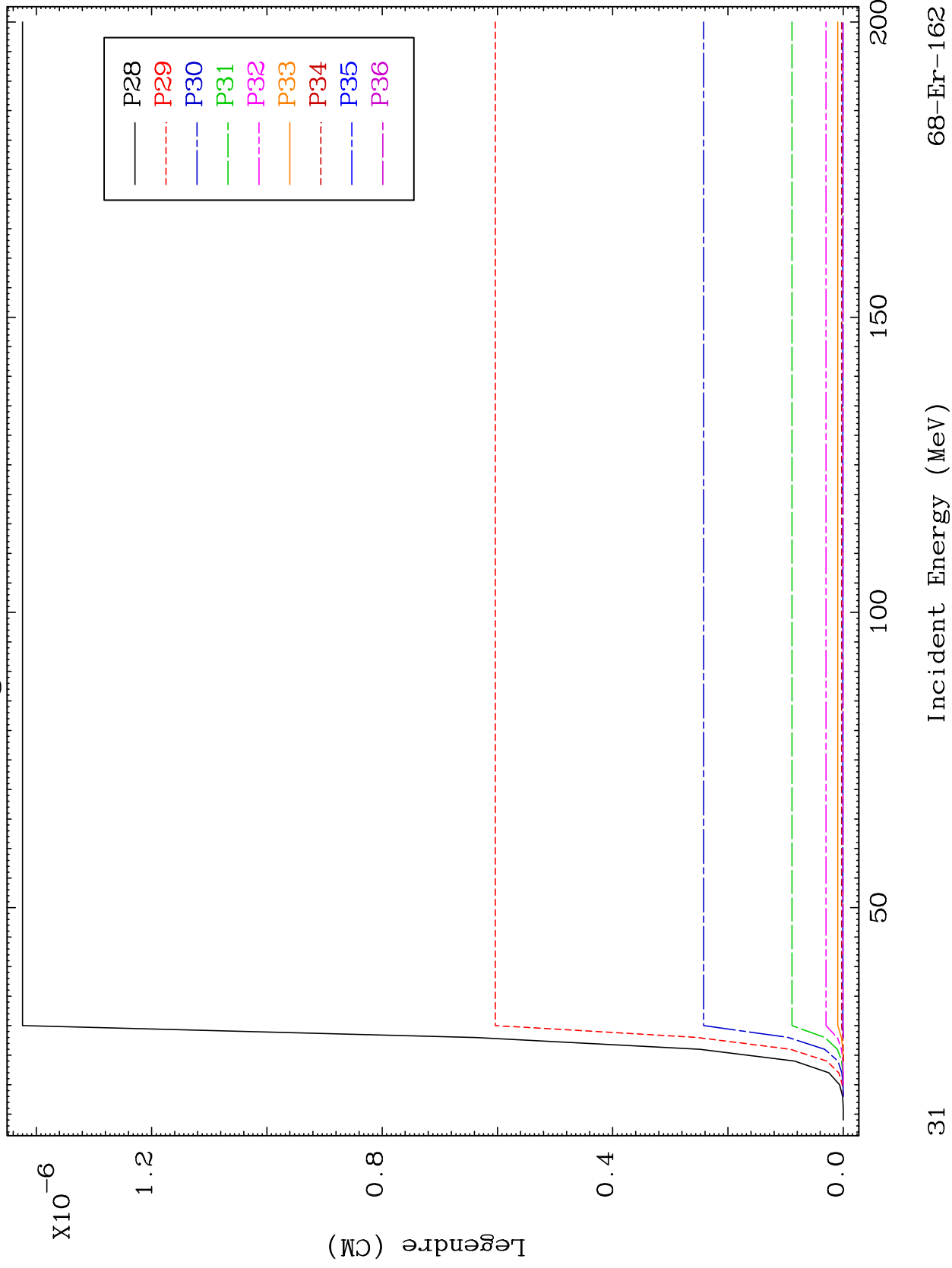




MAT 6825

666.7 keV (n,n') Level
Legendre Coefficients

68-Er-162



31

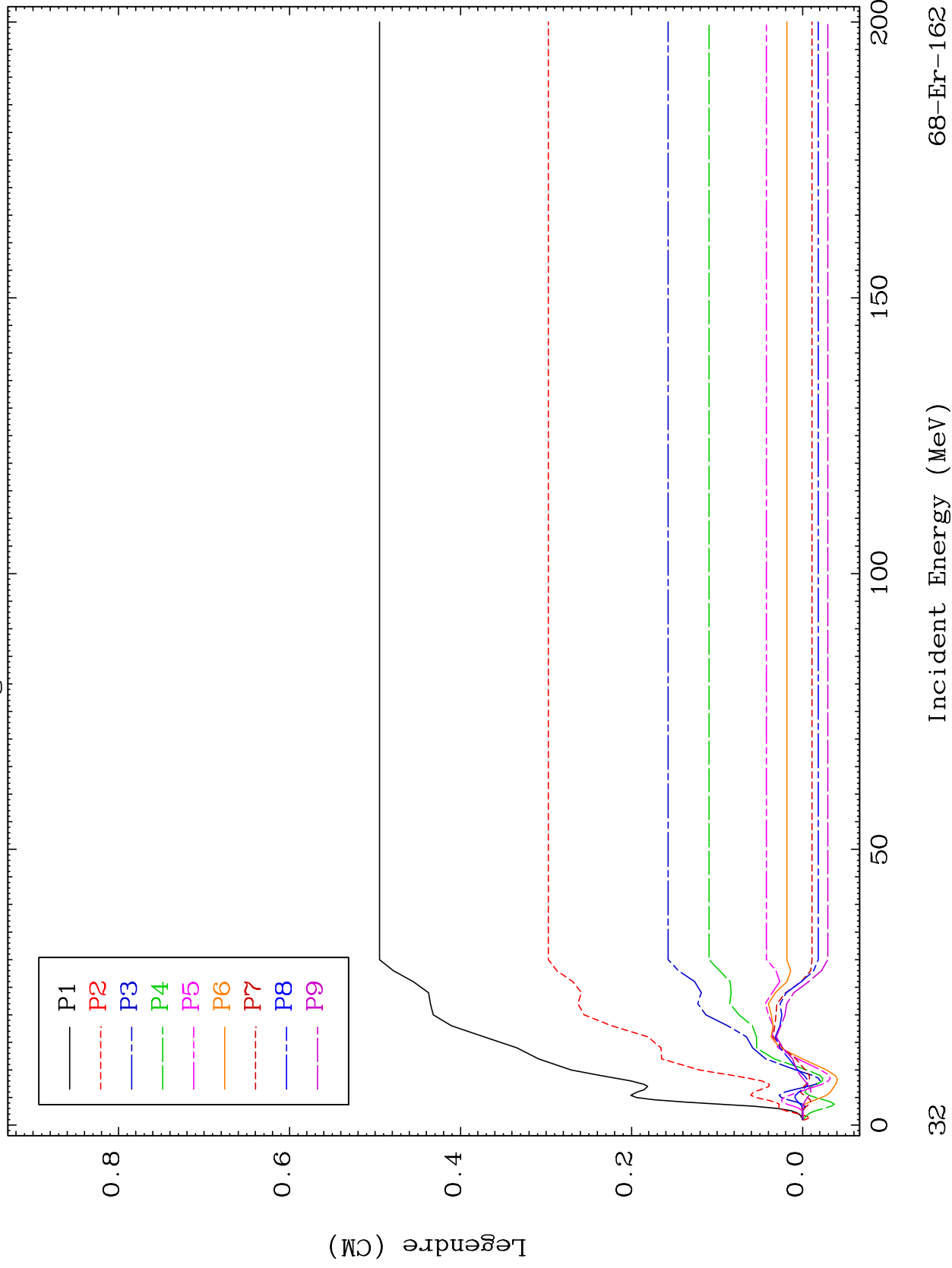
Incident Energy (MeV)

68-Er-162

MAT 6825

900.7 keV (n,n') Level
Legendre Coefficients

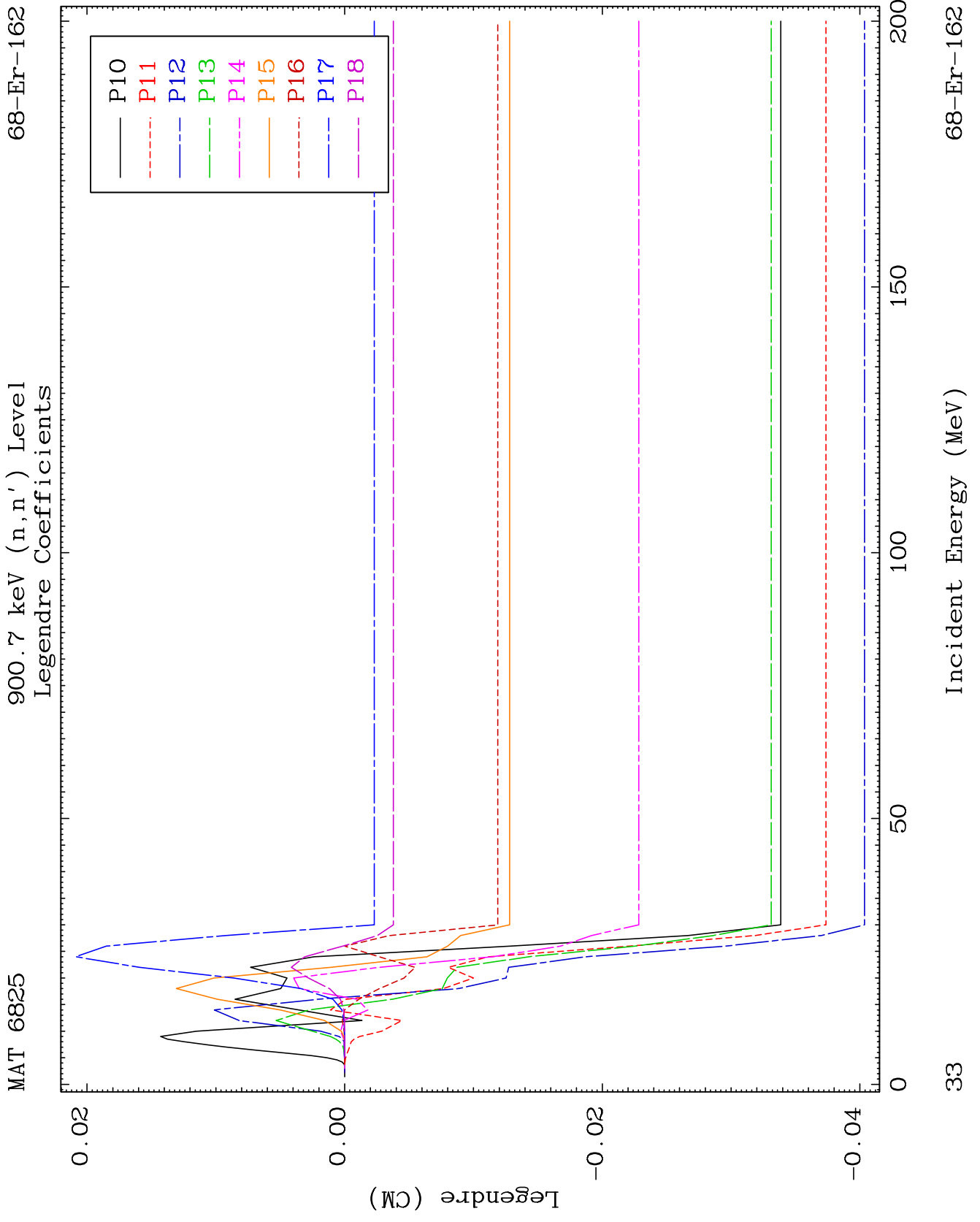
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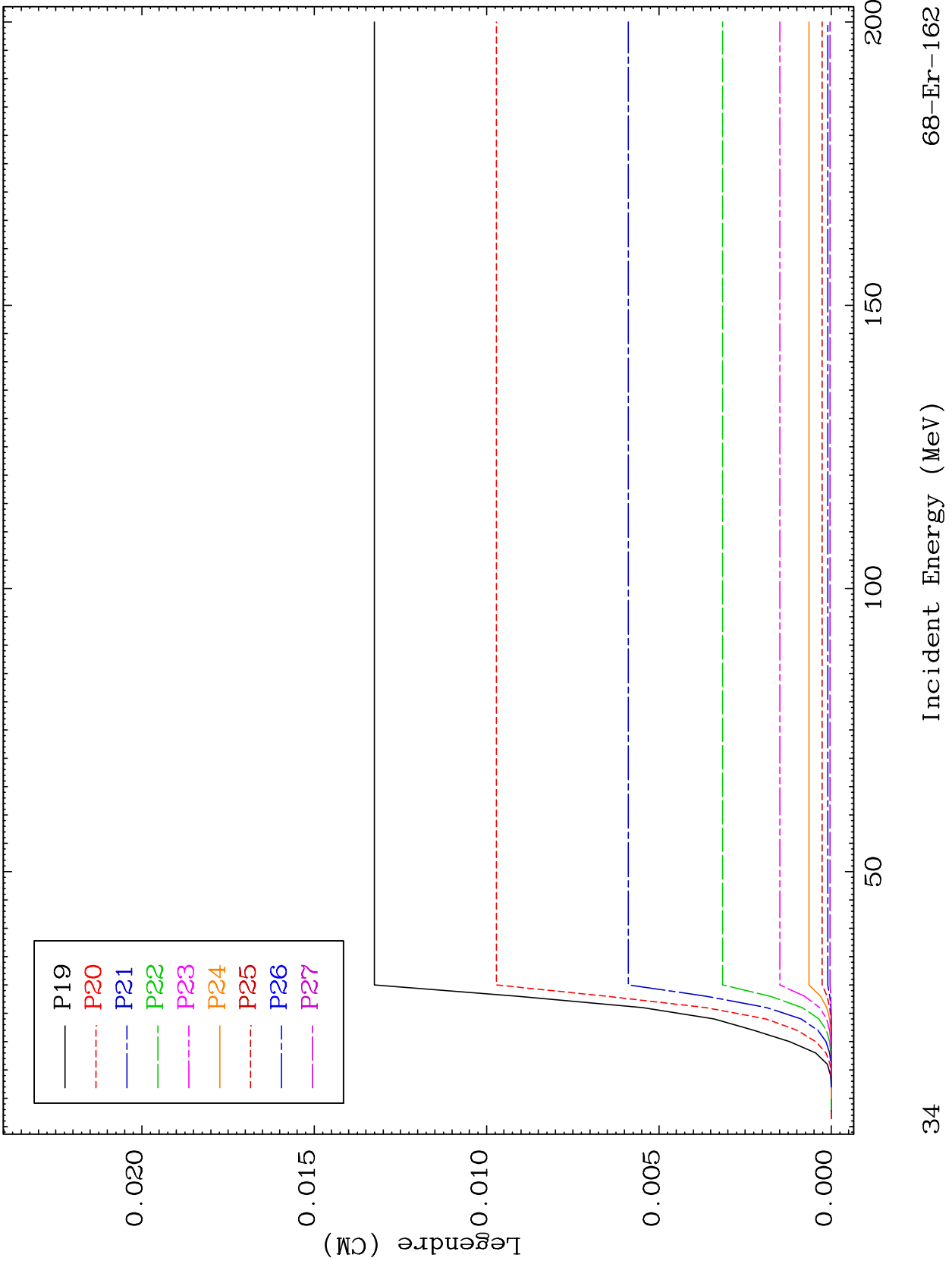


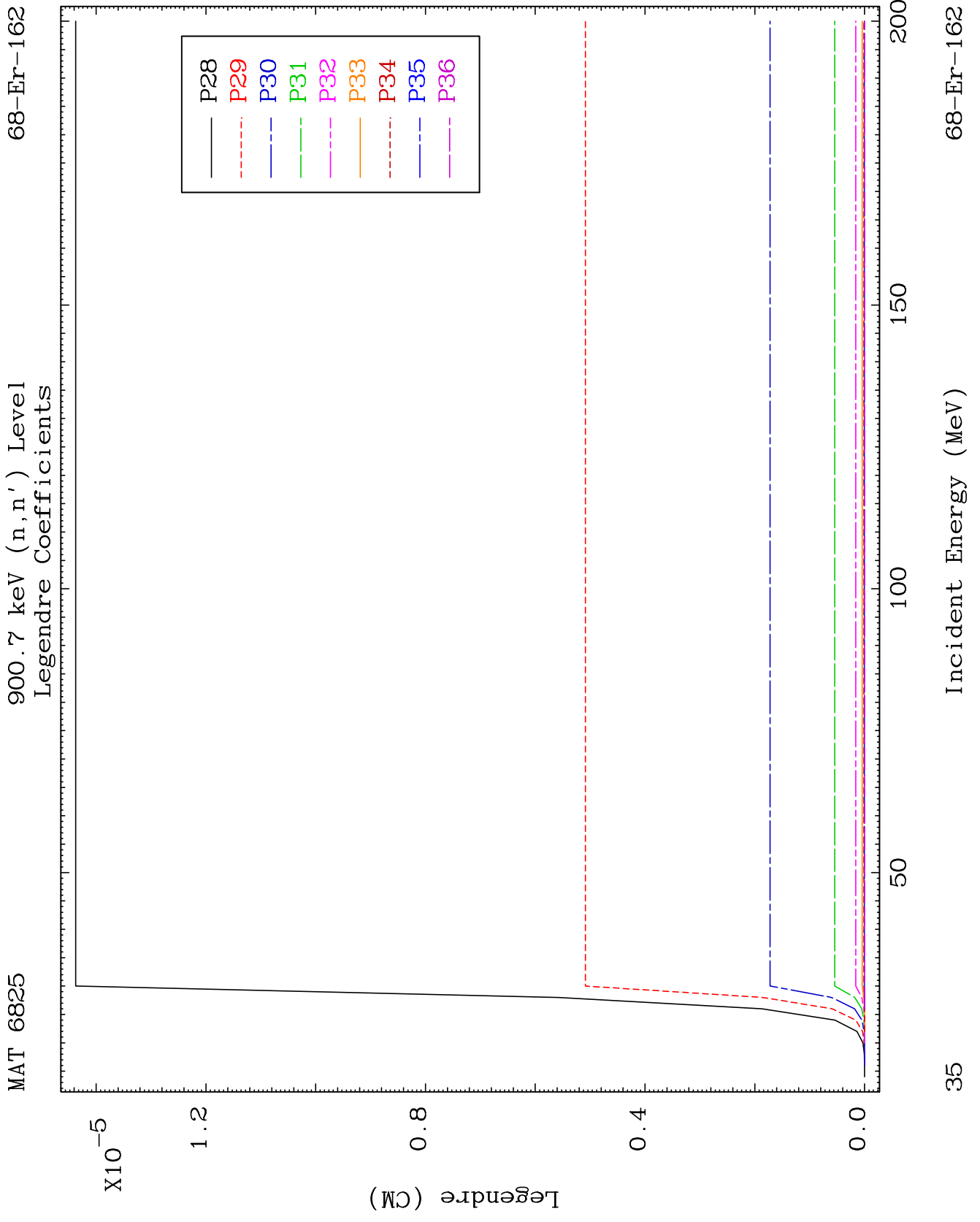
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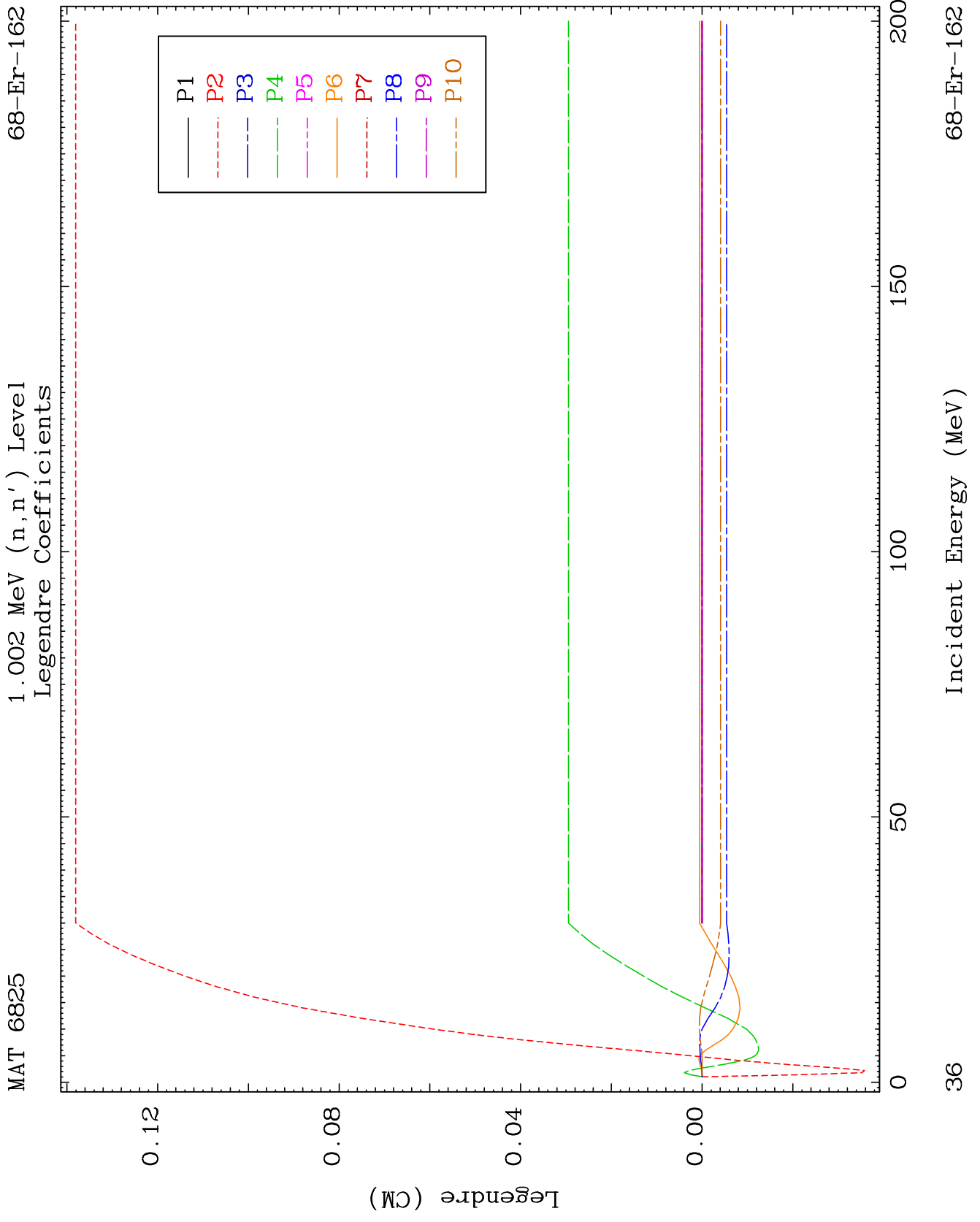
Incident Energy (MeV)

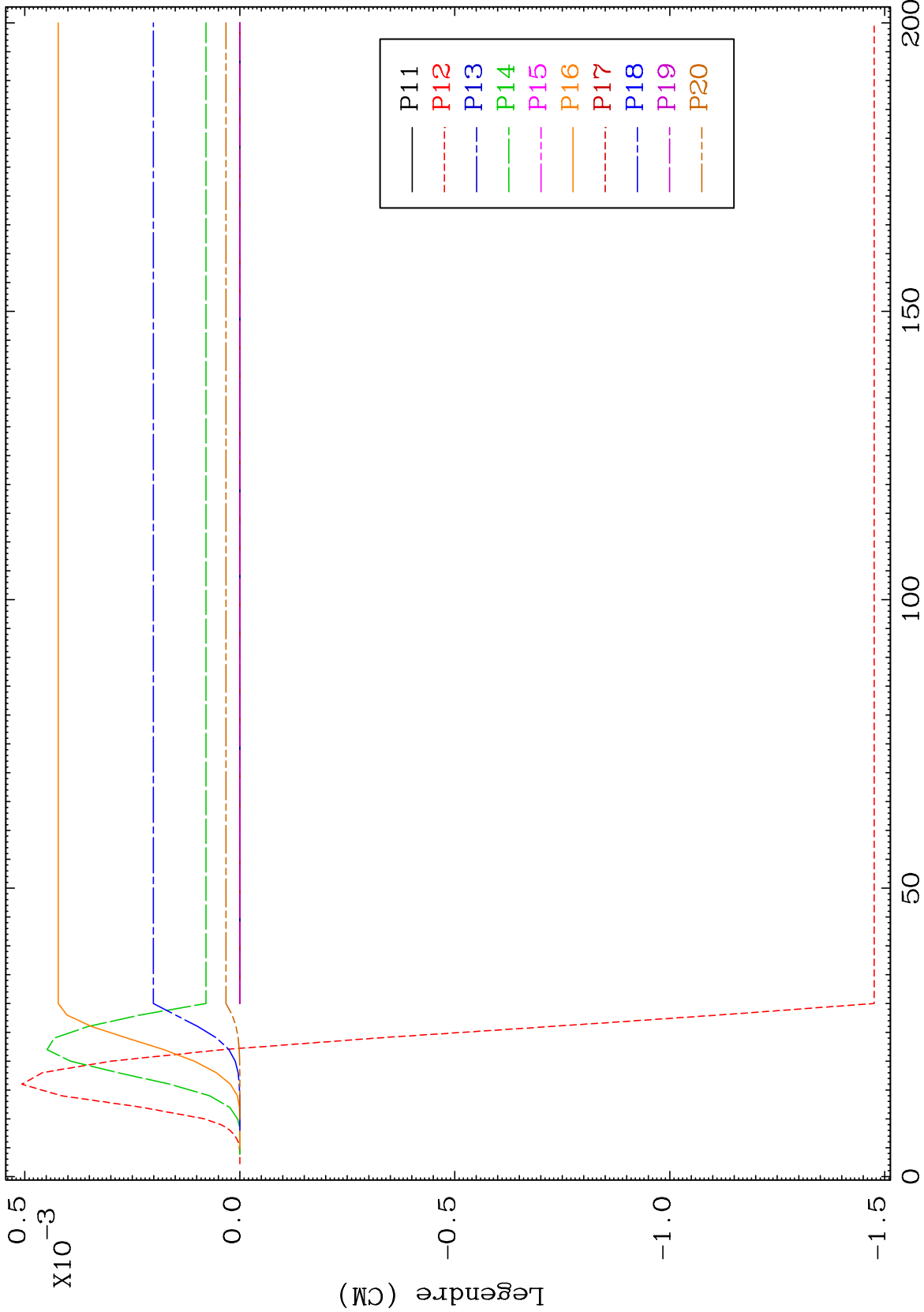
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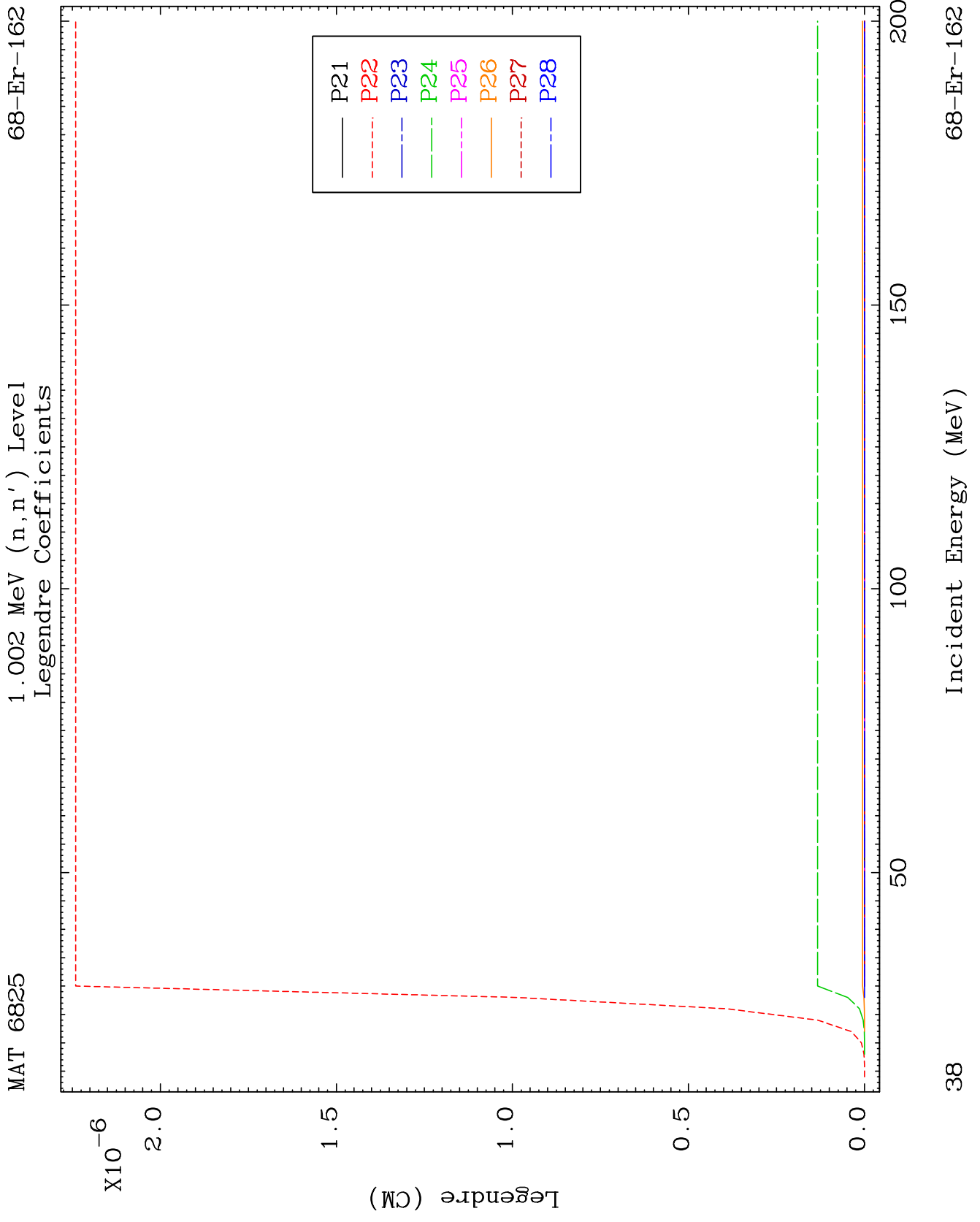


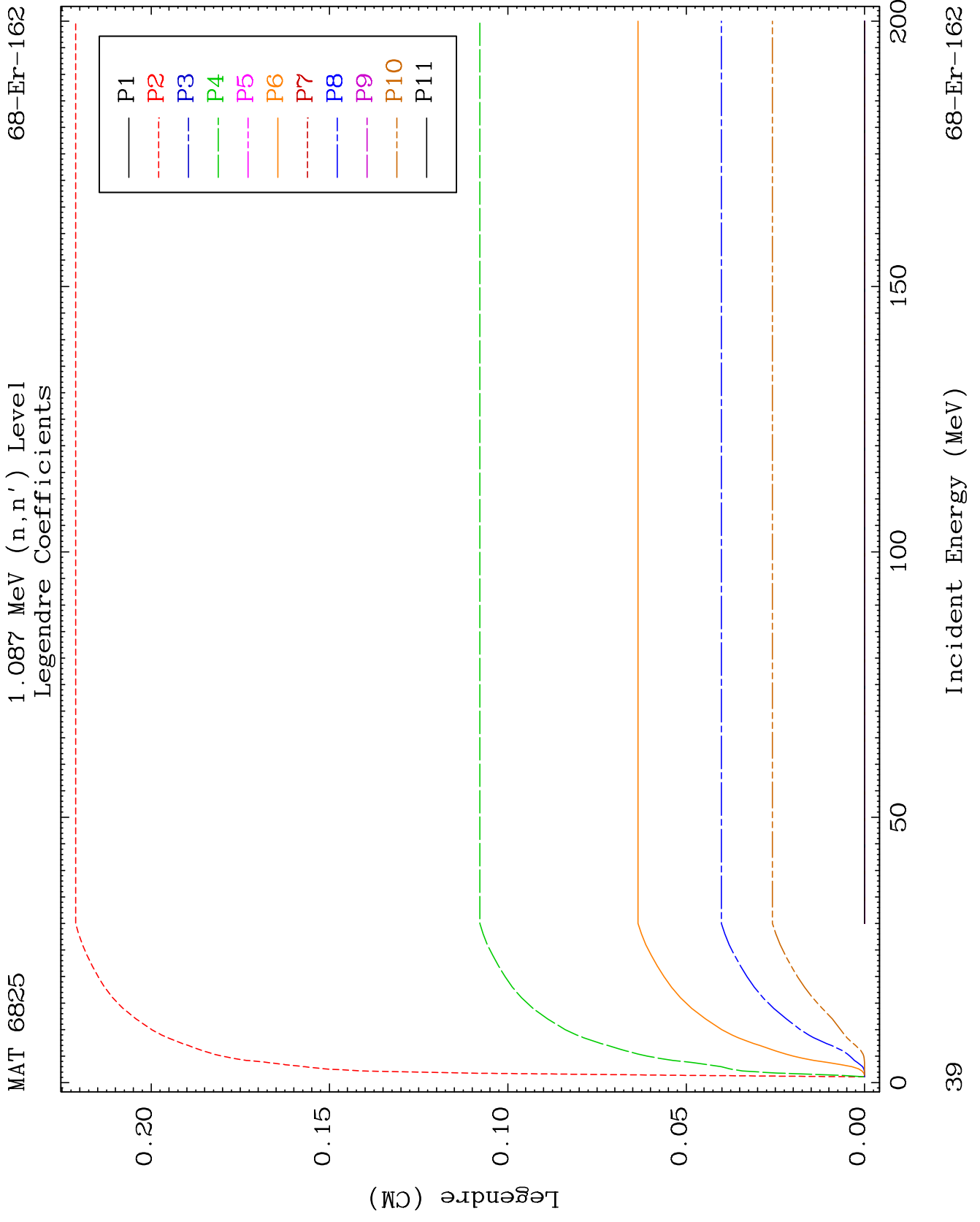








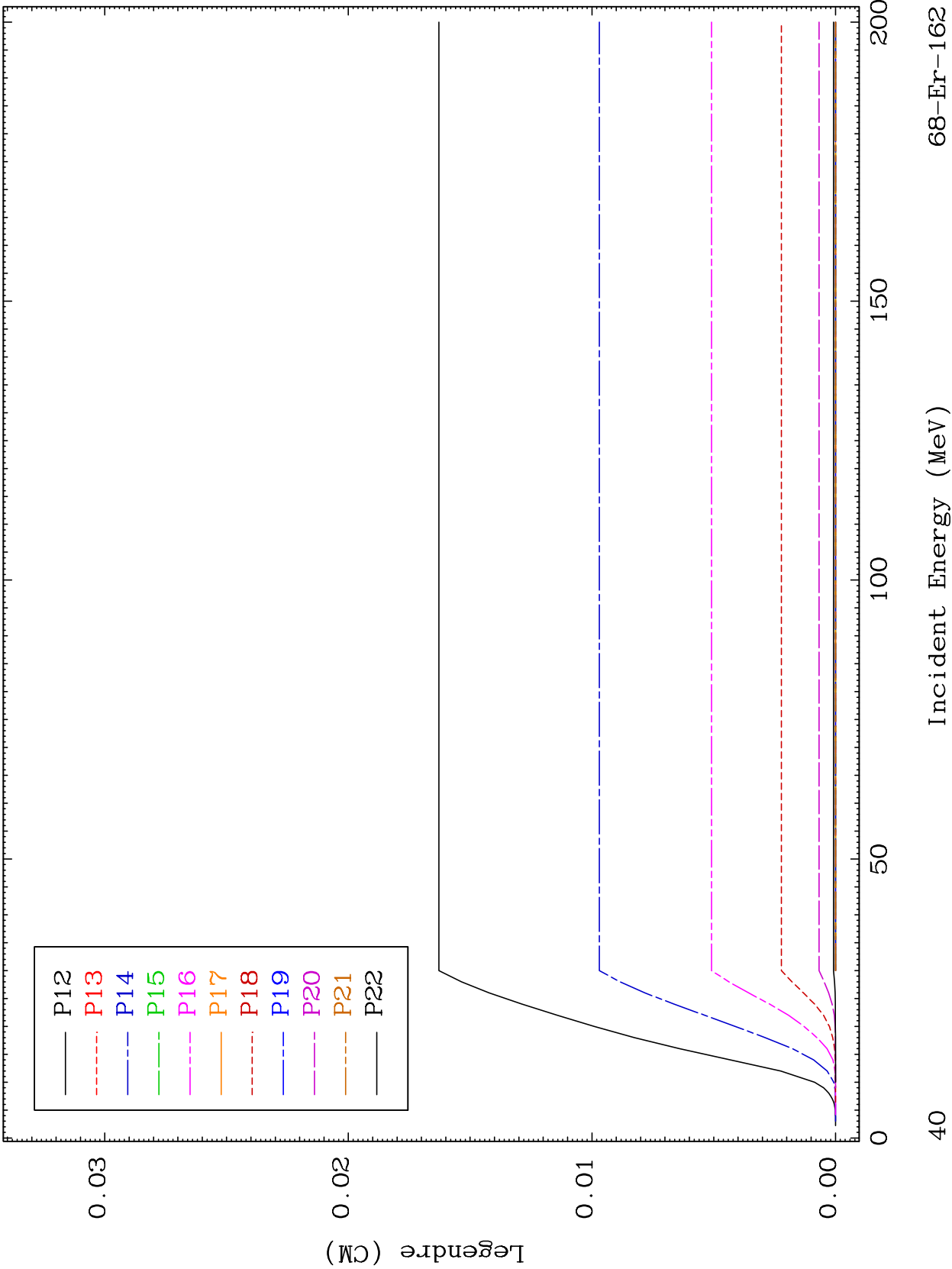




MAT 6825

1.087 MeV (n,n') Level
Legendre Coefficients

68-Er-162



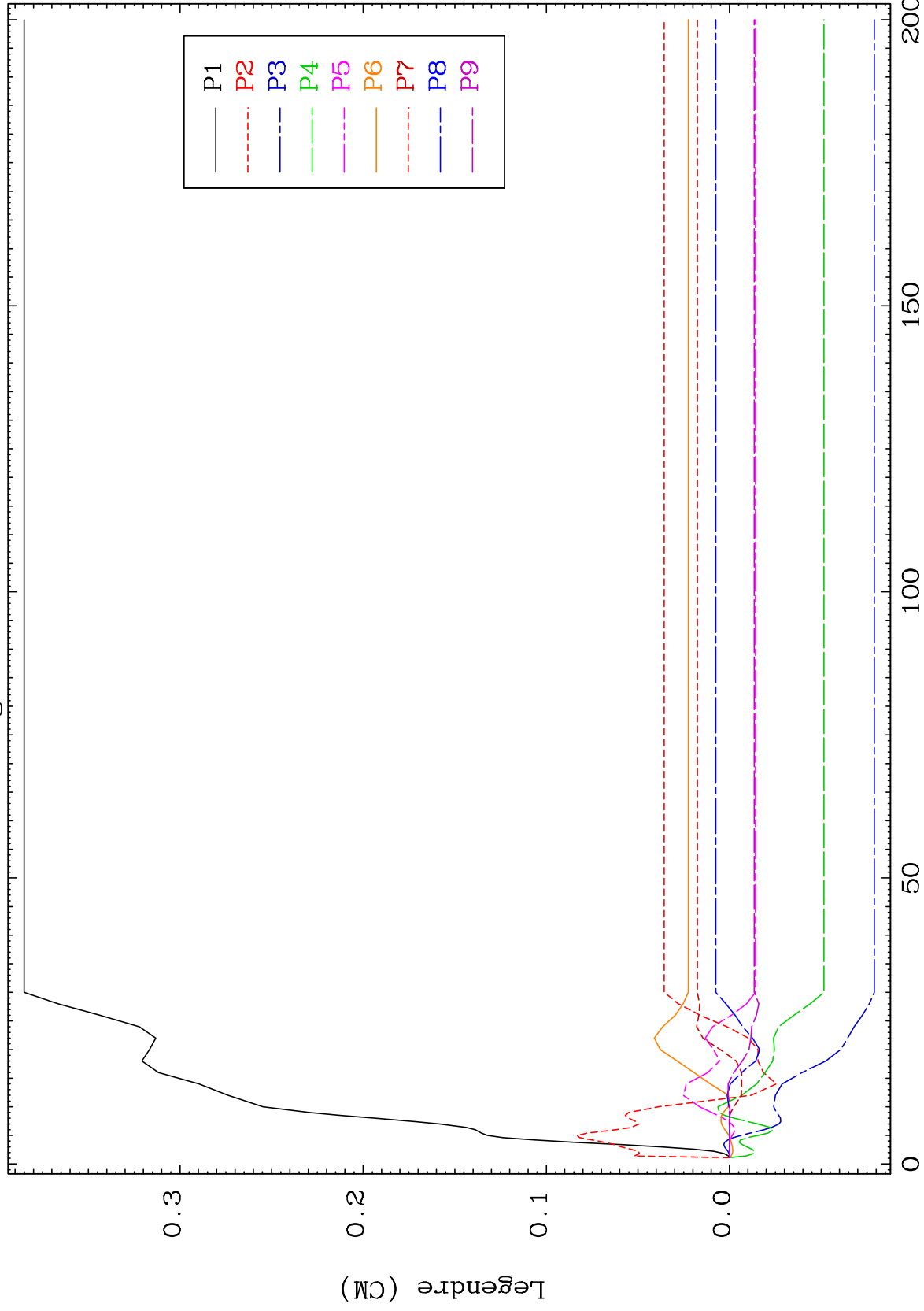
68-Er-162

Incident Energy (MeV)

MAT 6825

1.097 MeV (n,n') Level
Legendre Coefficients

68-Er-162



42

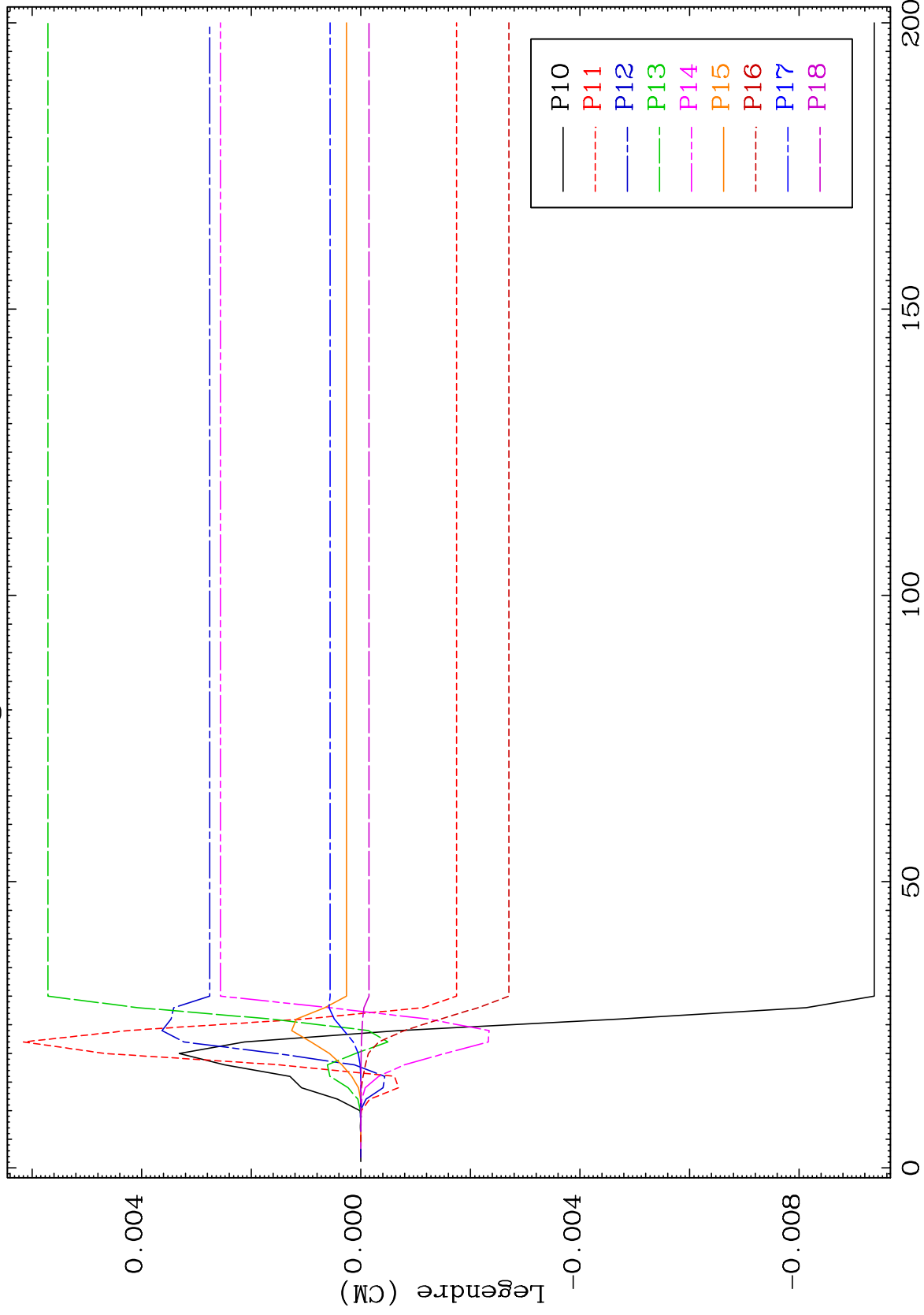
Incident Energy (MeV)

68-Er-162

MAT 6825

1.097 MeV (n,n') Level
Legendre Coefficients

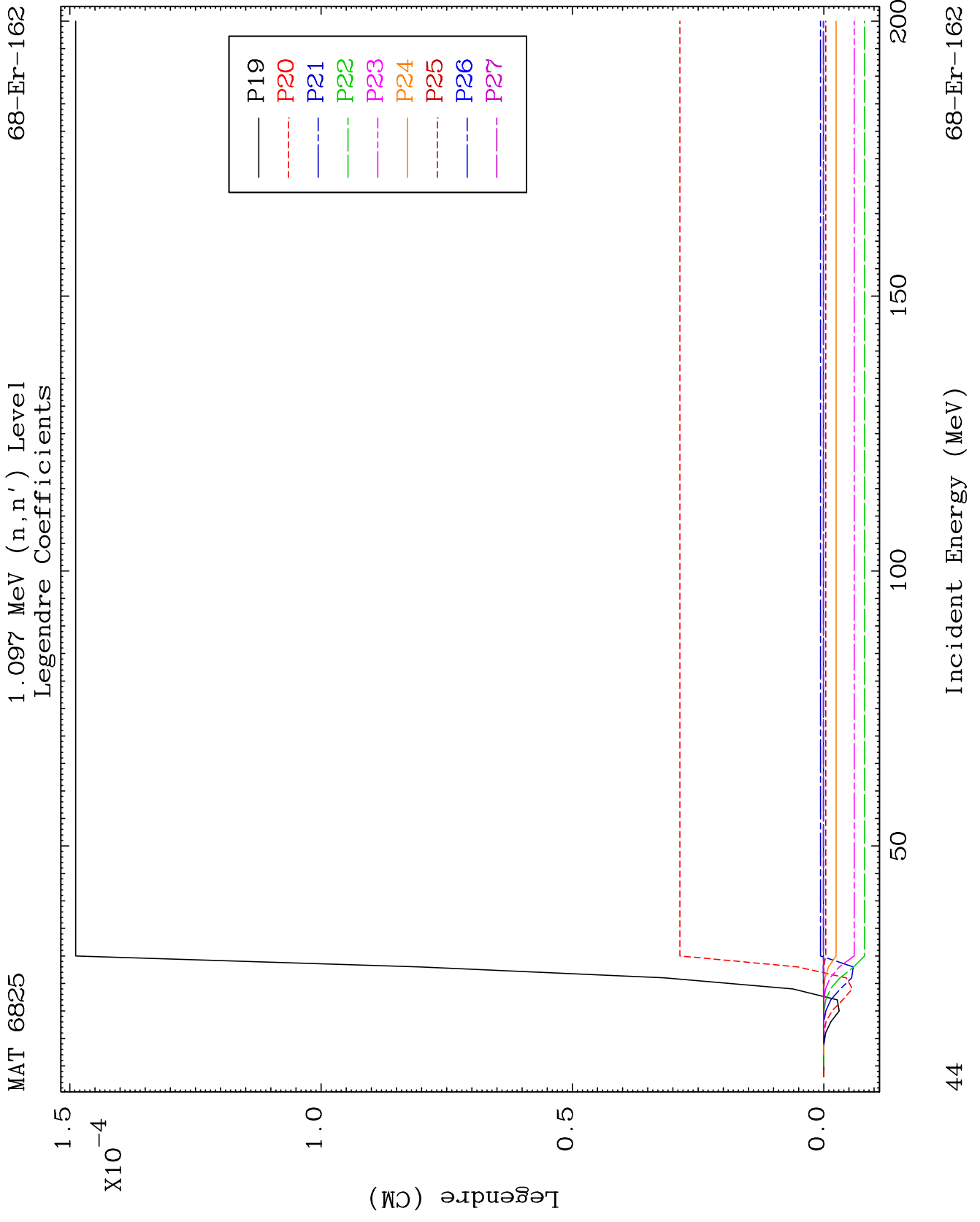
68-Er-162



43

Incident Energy (MeV)

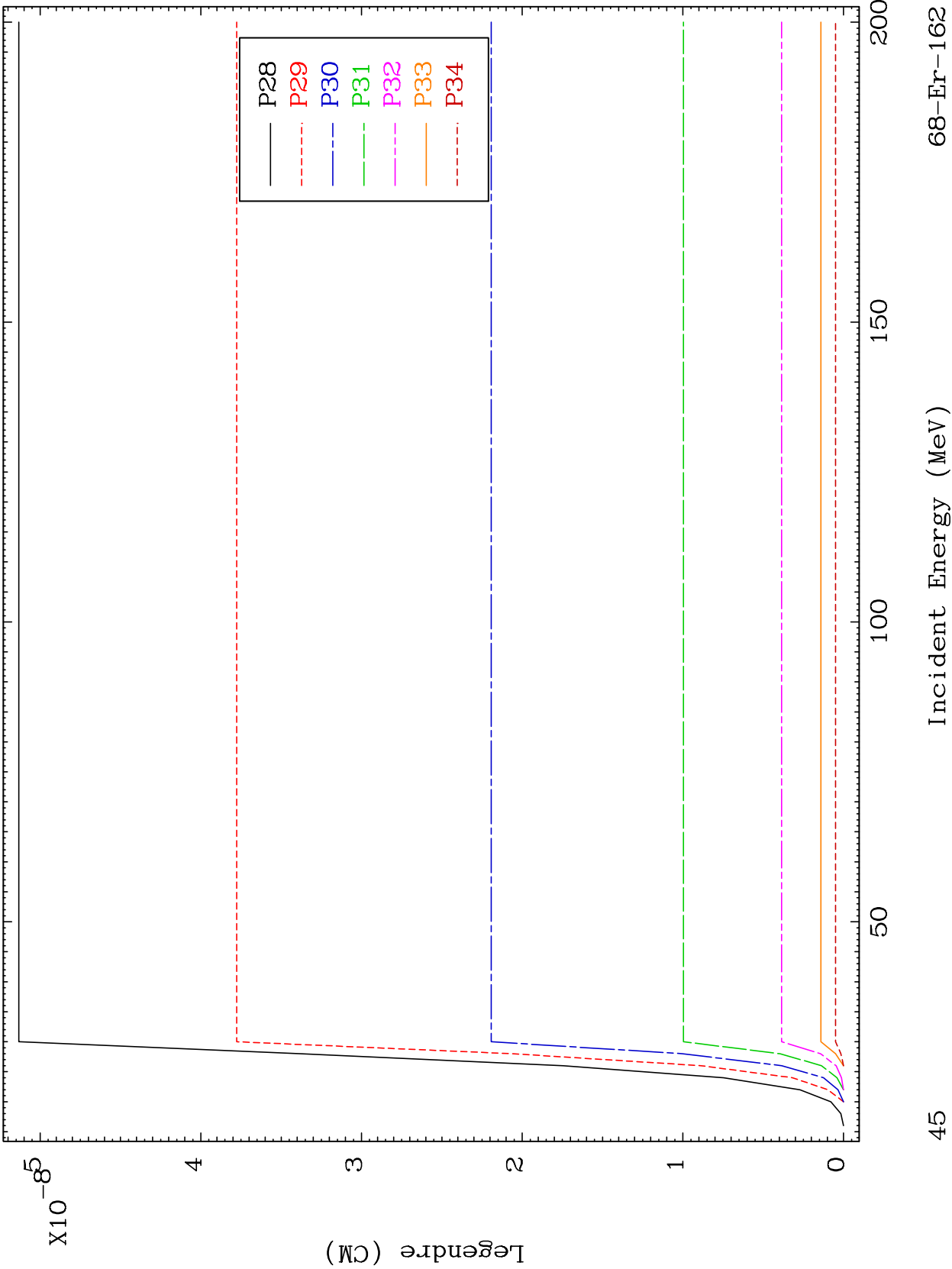
68-Er-162



MAT 6825

1.097 MeV (n,n') Level
Legendre Coefficients

68-Er-162



68-Er-162

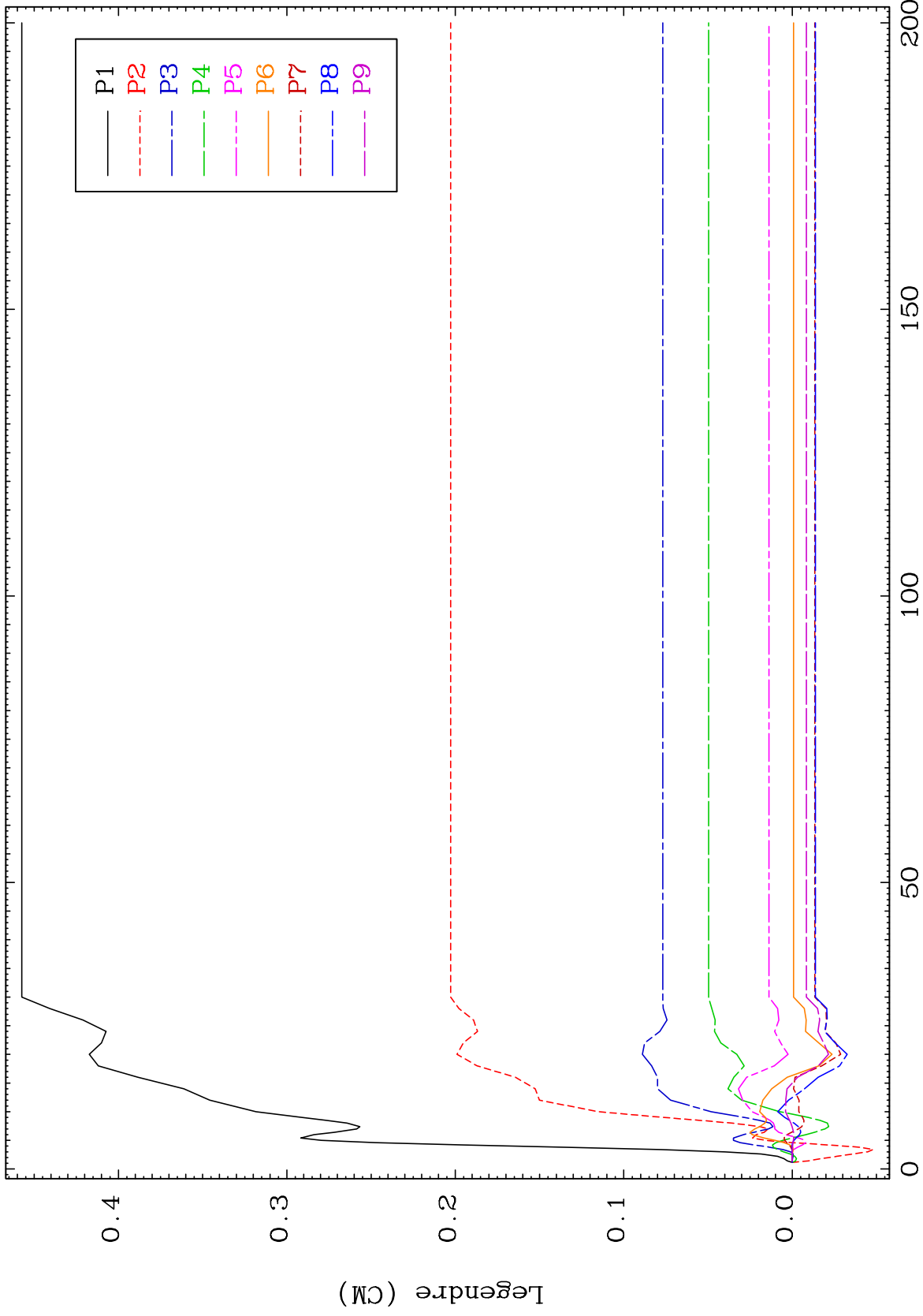
Incident Energy (MeV)

45

MAT 6825

1.128 MeV (n,n') Level
Legendre Coefficients

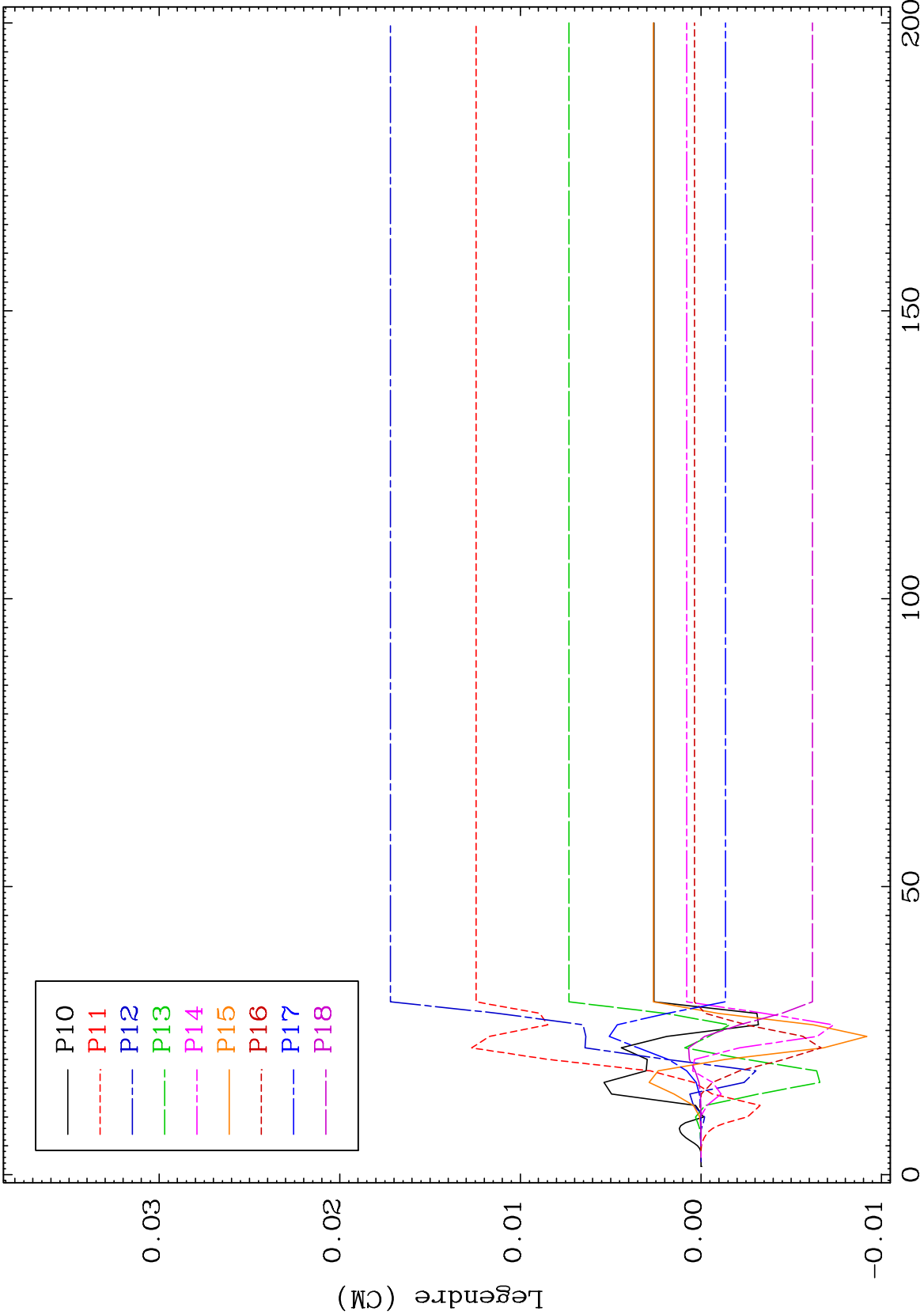
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46

Incident Energy (MeV)

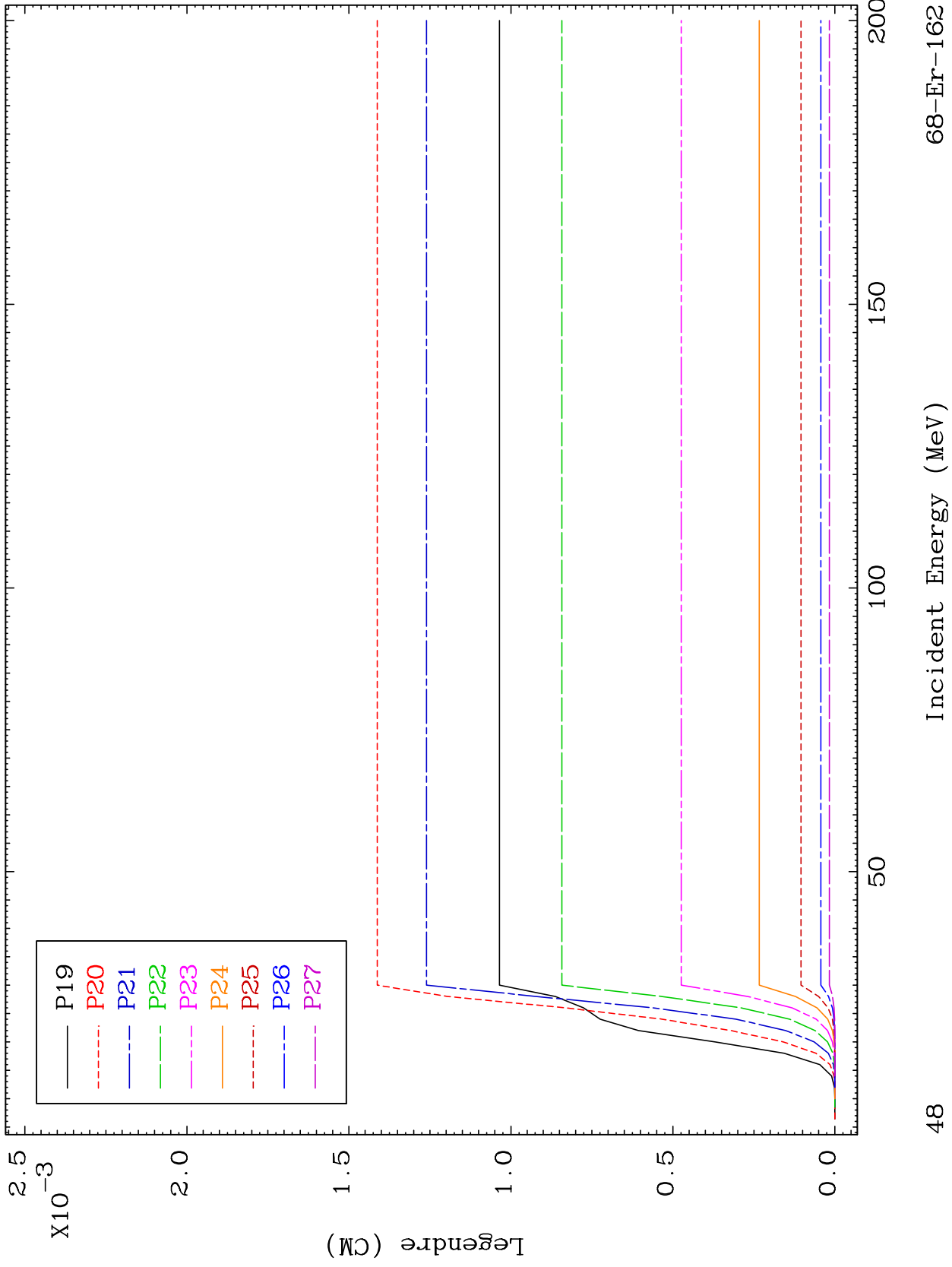
68-Er-162



MAT 6825

1.128 MeV (n, n') Level
Legendre Coefficients

68-Er-162



48

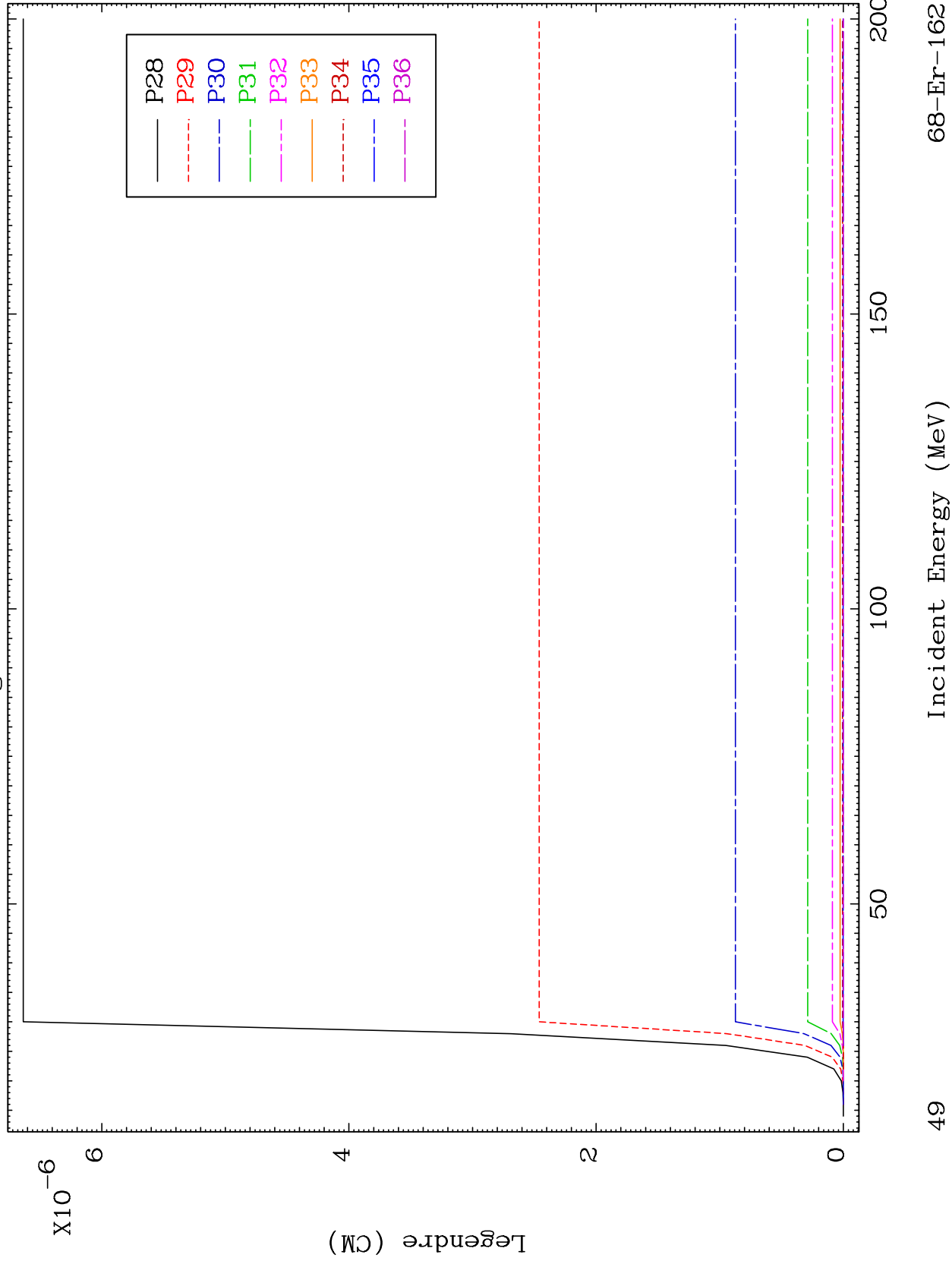
Incident Energy (MeV)

68-Er-162

MAT 6825

1.128 MeV (n,n') Level
Legendre Coefficients

68-Er-162



49

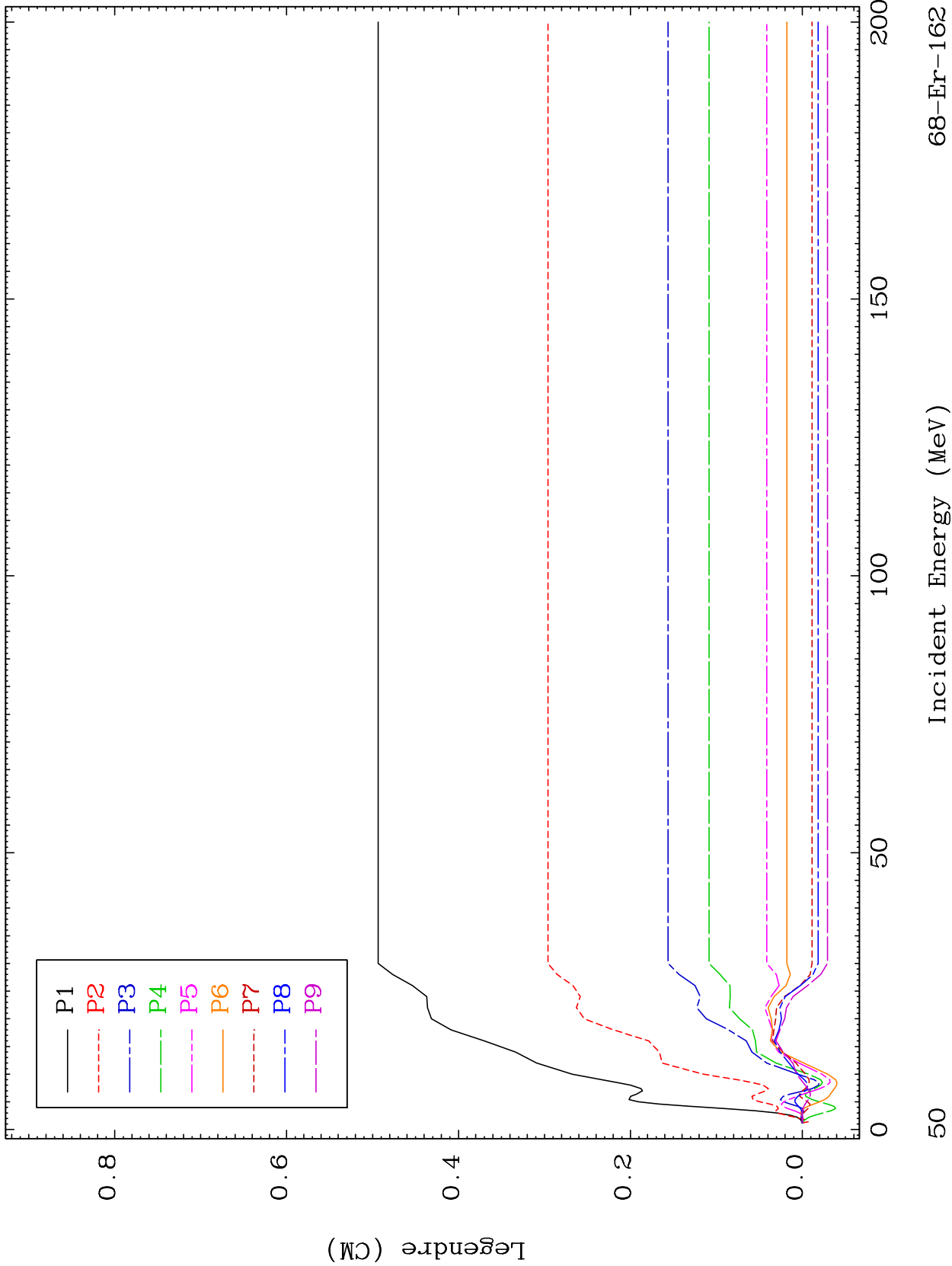
Incident Energy (MeV)

68-Er-162

MAT 6825

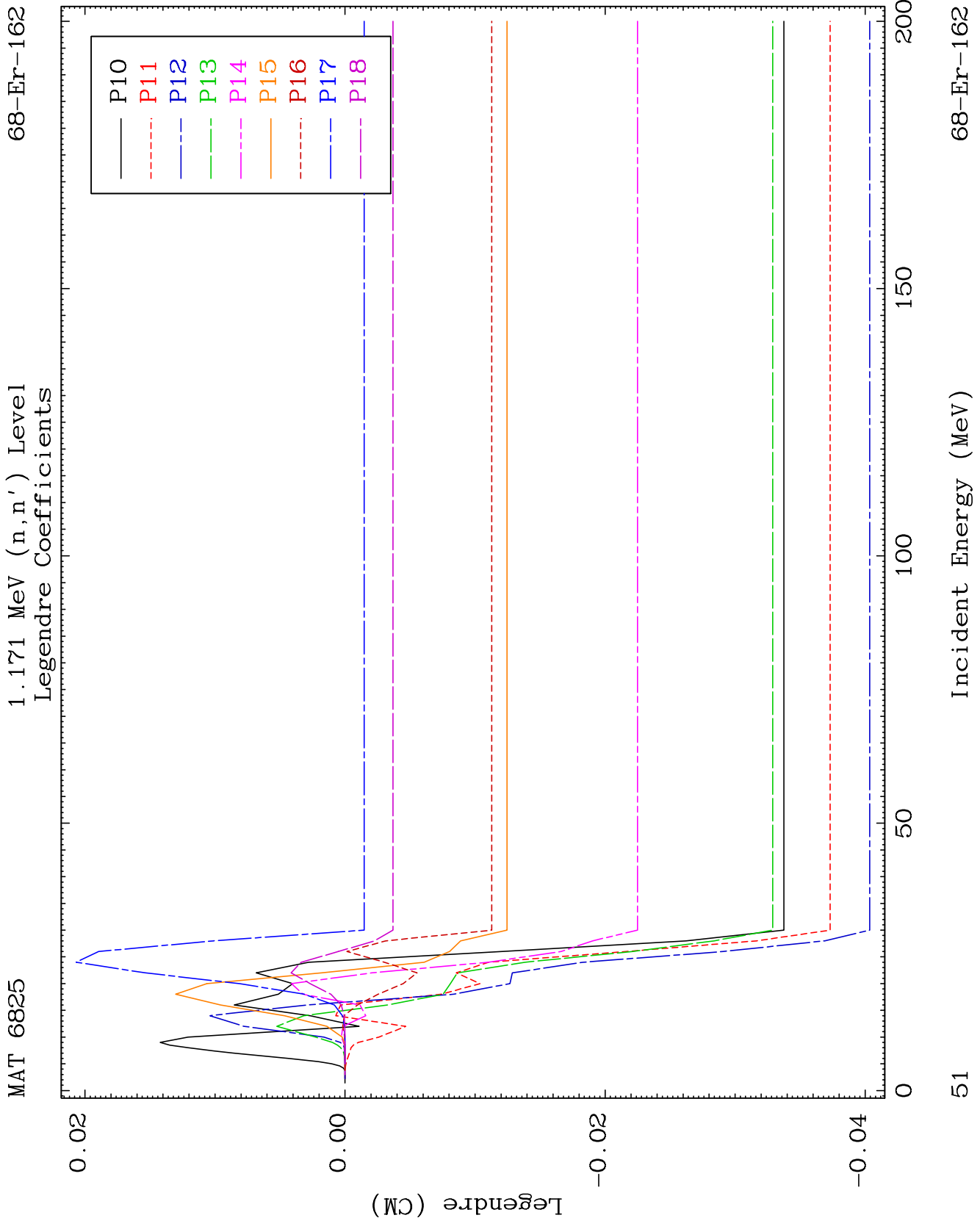
1.171 MeV (n,n') Level
Legendre Coefficients

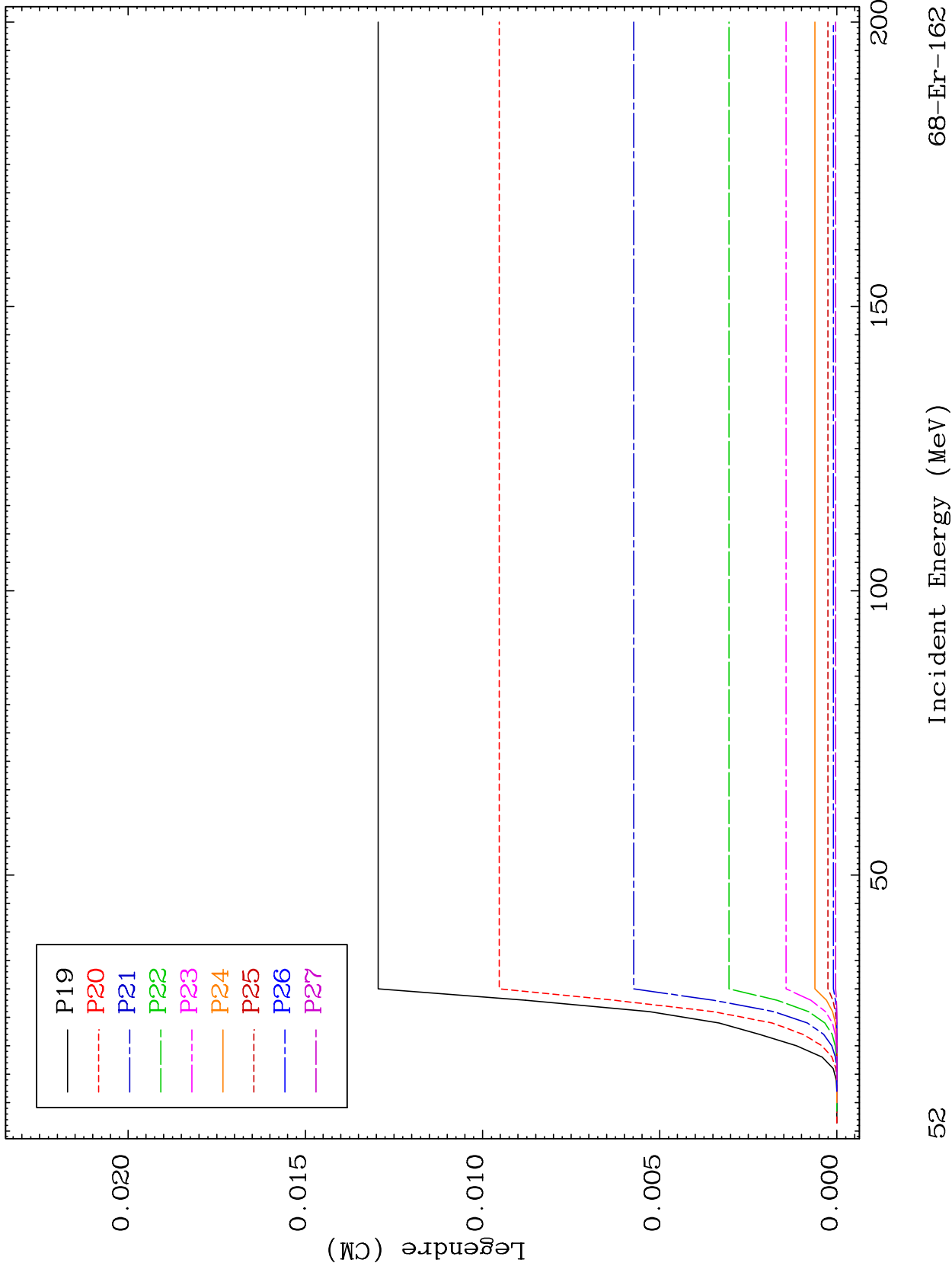
68-Er-162



68-Er-162

Incident Energy (MeV)

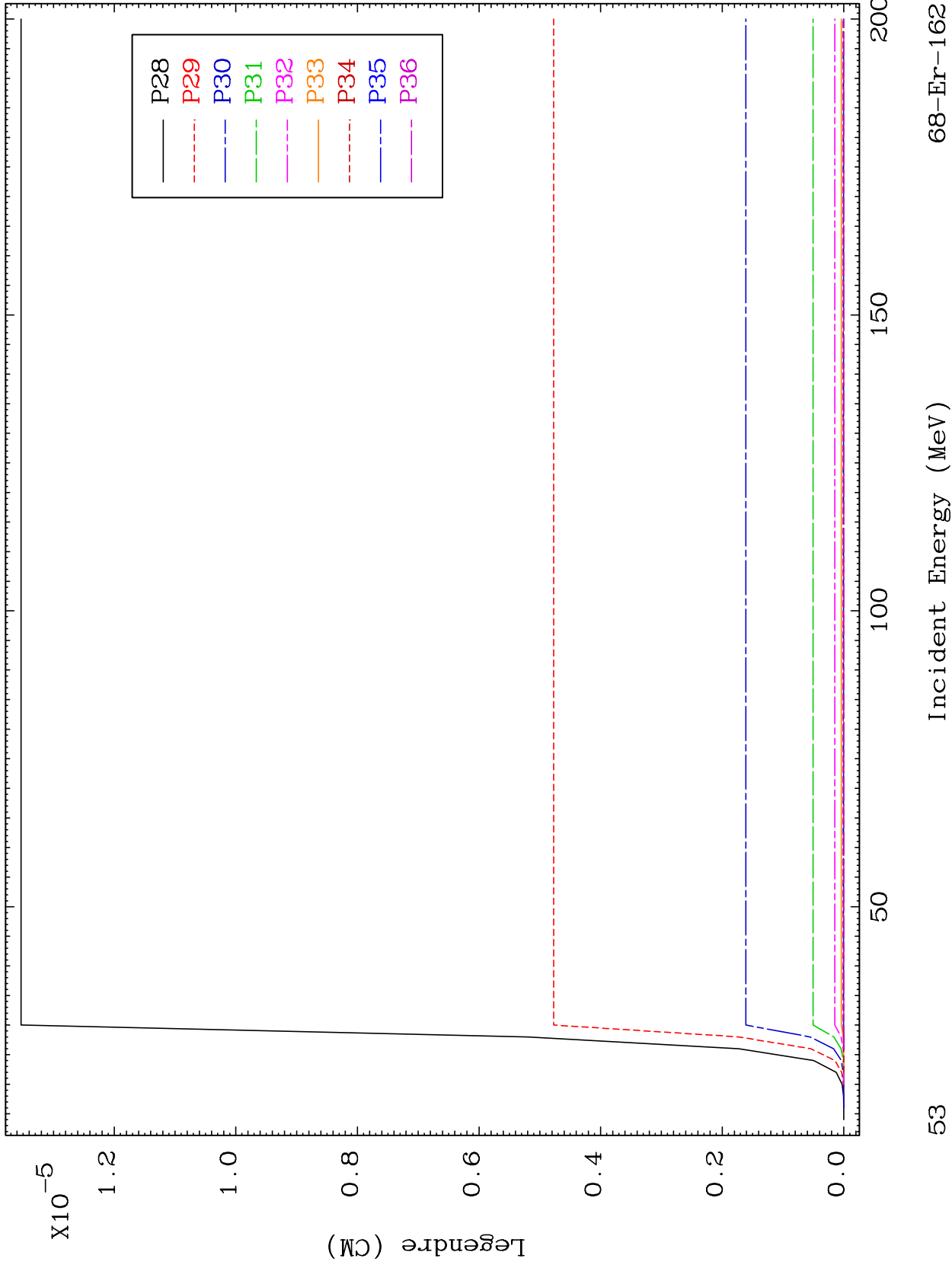




MAT 6825

1.171 MeV (n,n') Level
Legendre Coefficients

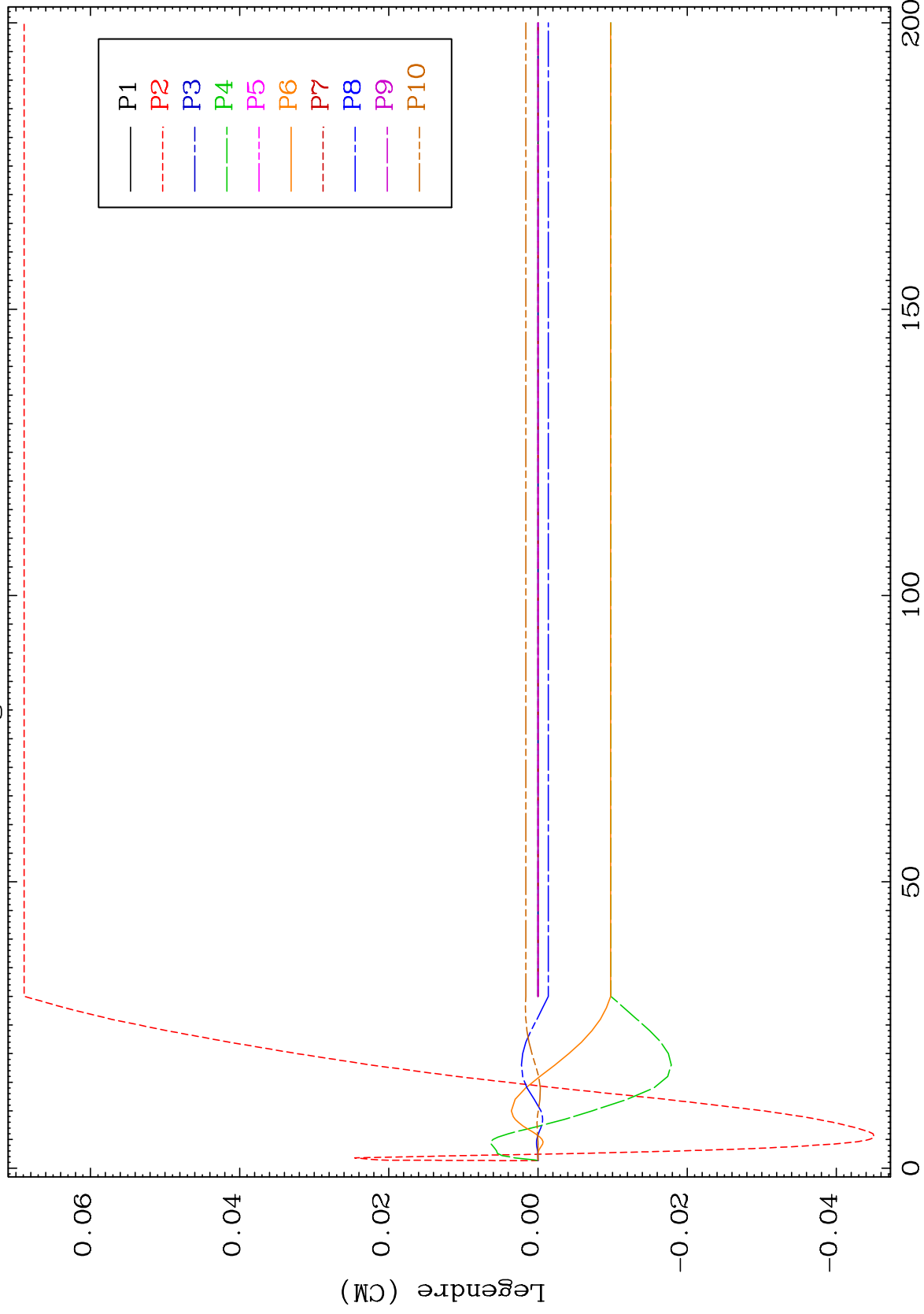
68-Er-162



MAT 6825

1.286 MeV (n,n') Level
Legendre Coefficients

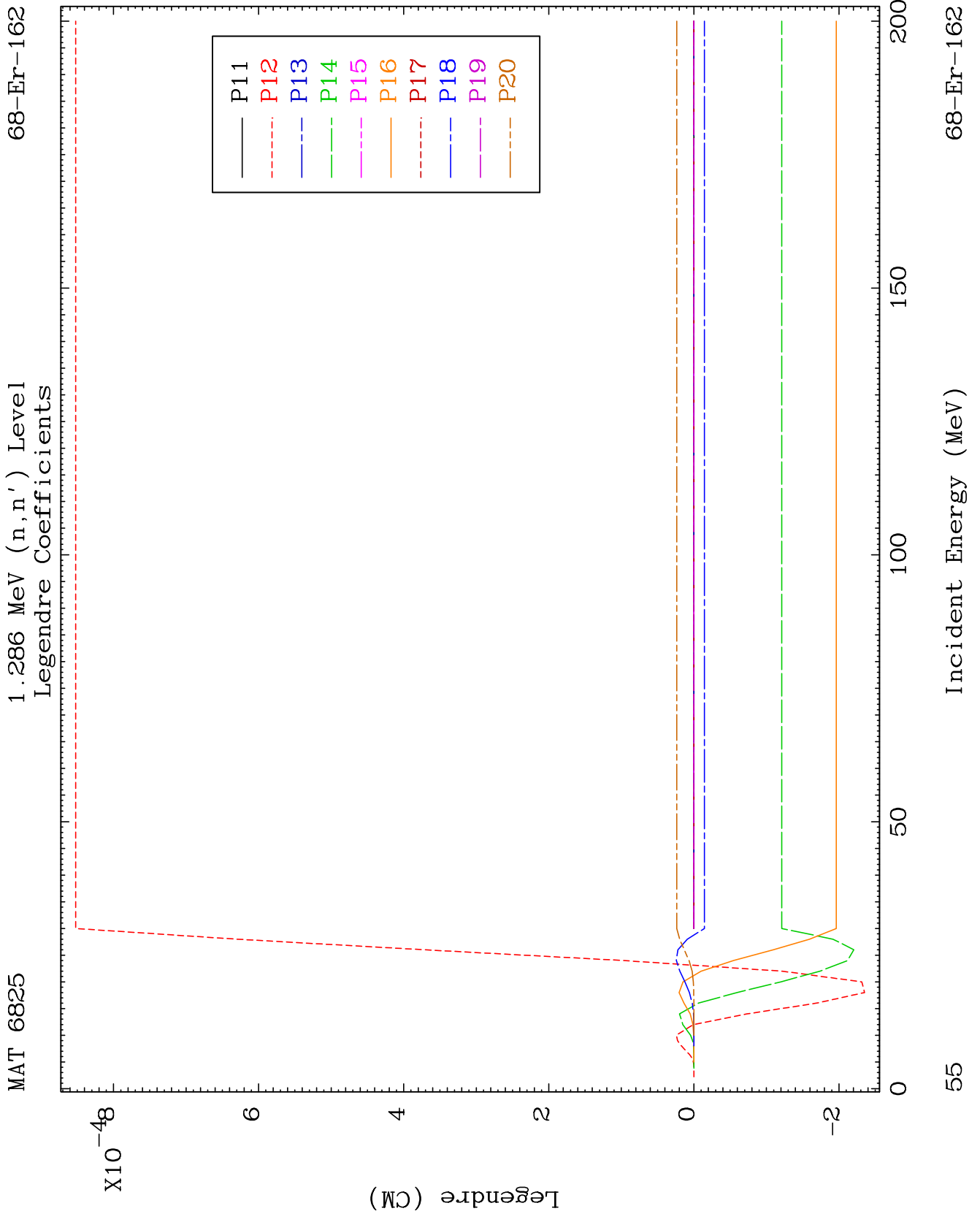
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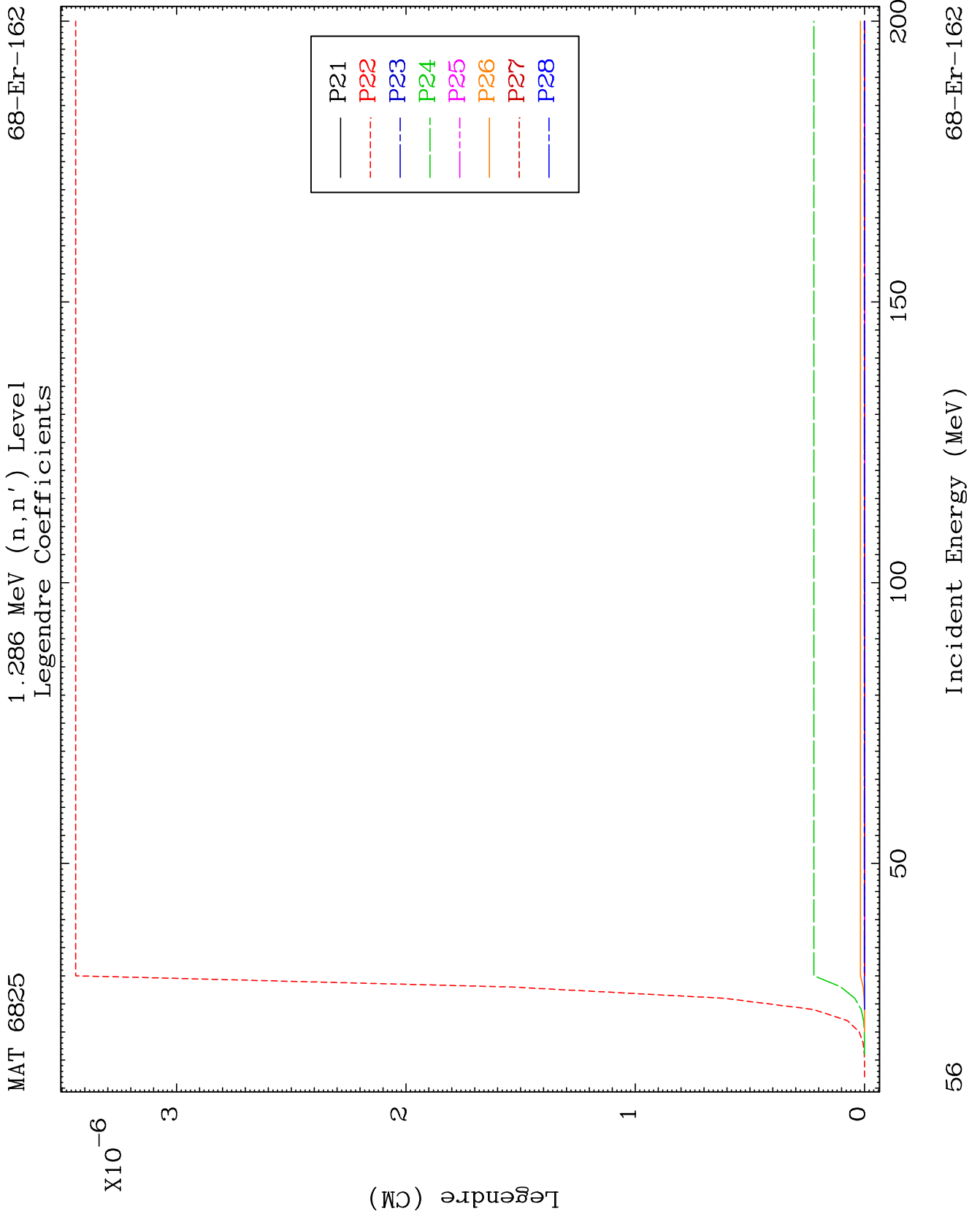


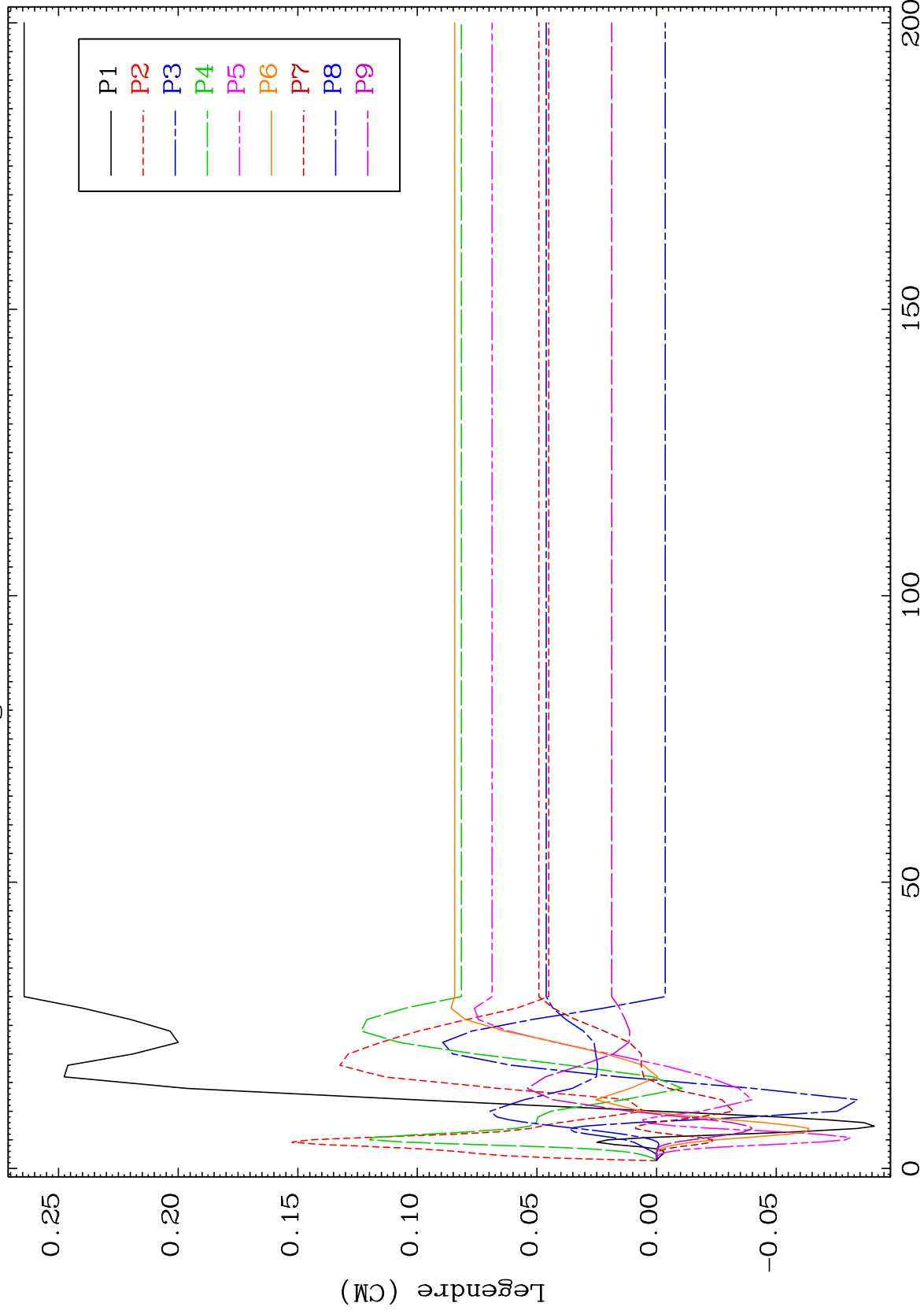
54

Incident Energy (MeV)

68-Er-162



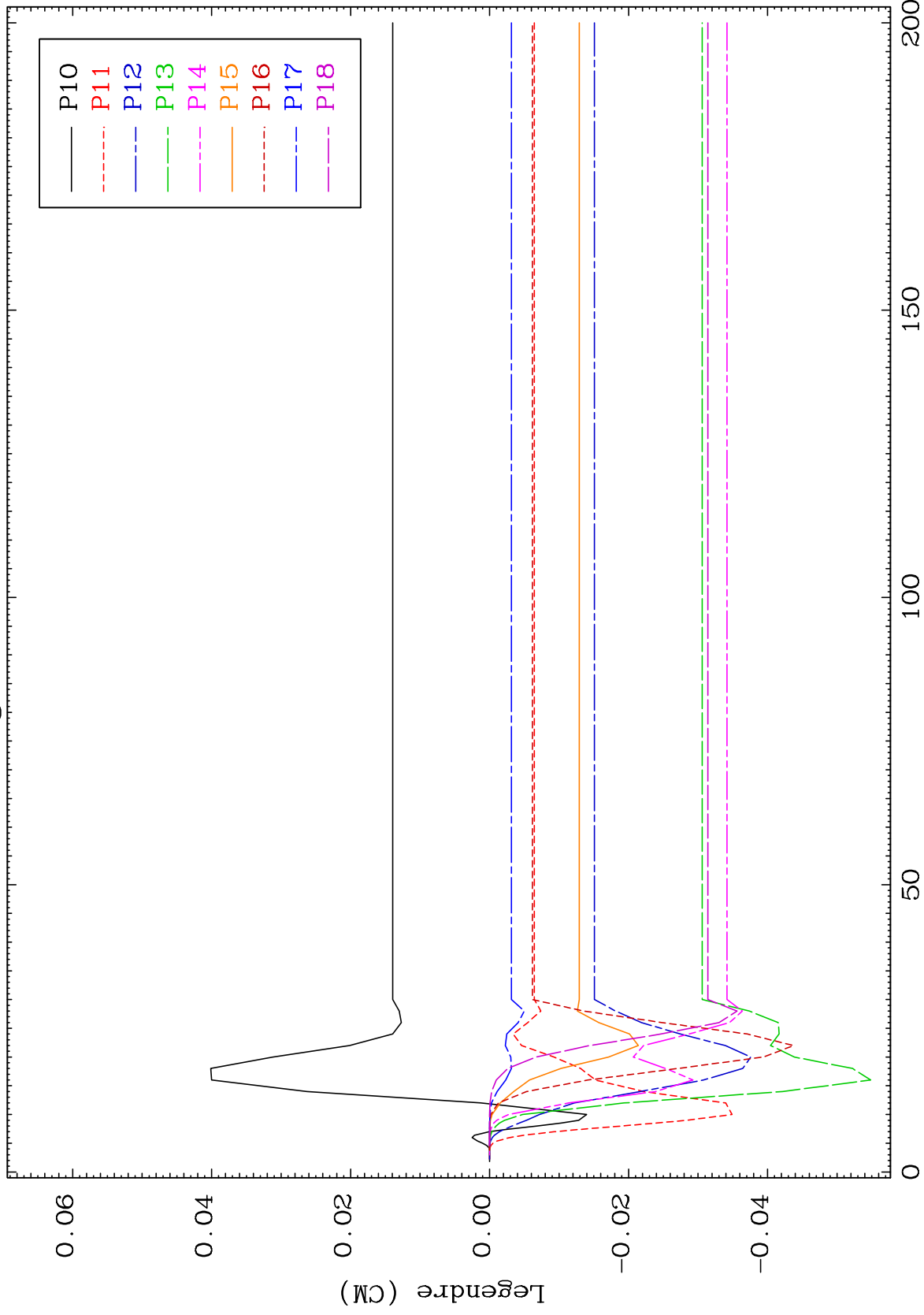




MAT 6825

1.352 MeV (n,n') Level
Legendre Coefficients

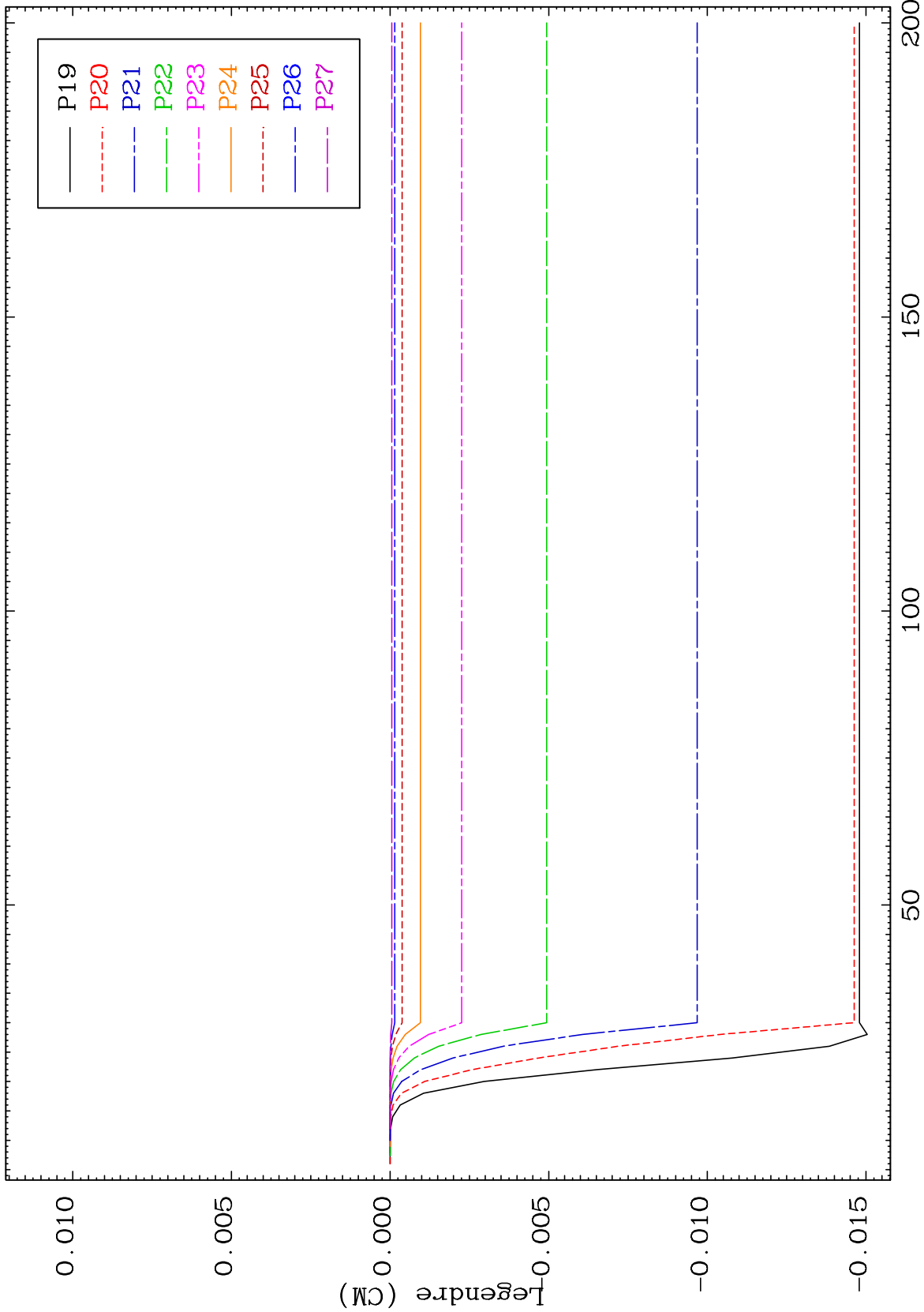
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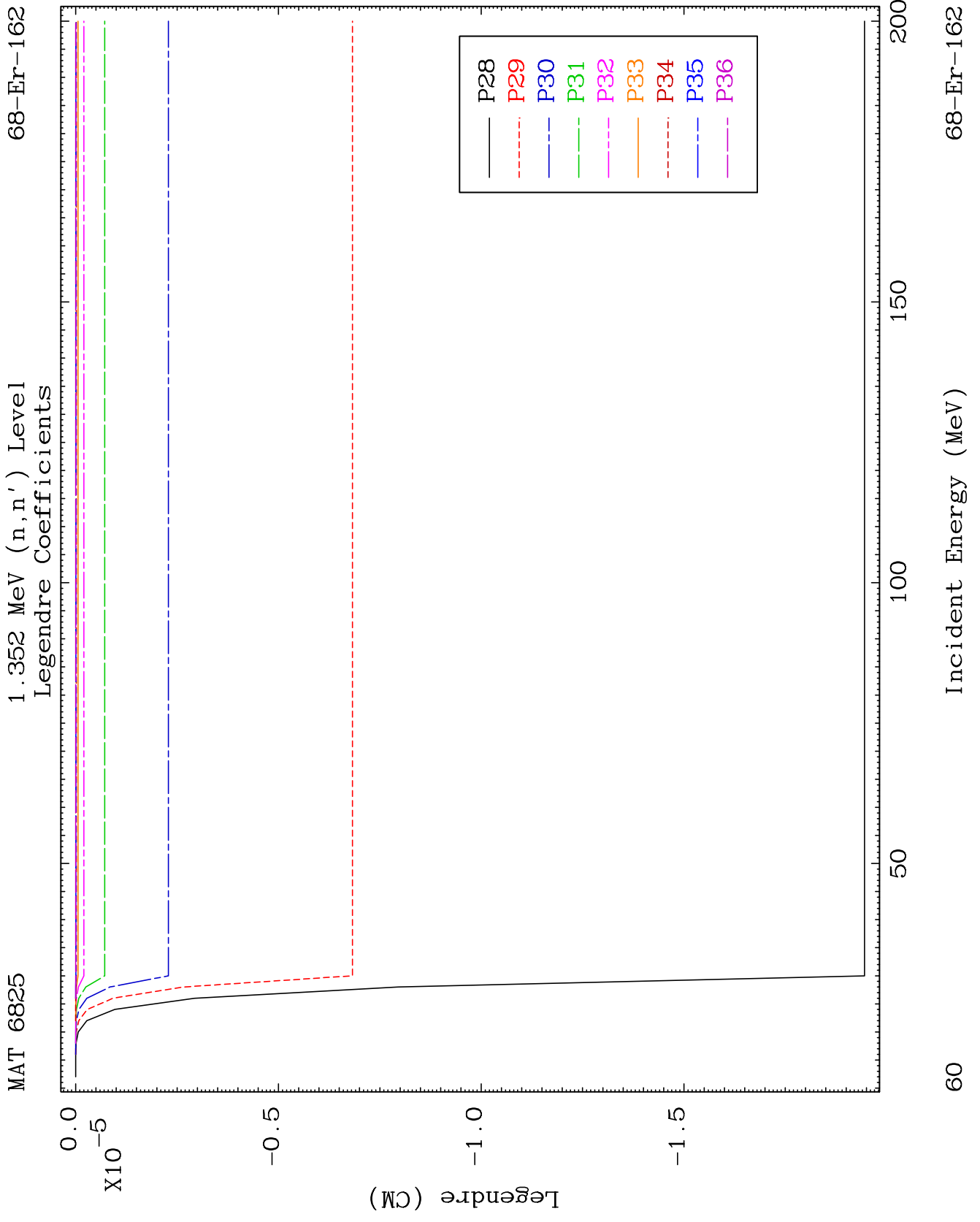


58

Incident Energy (MeV)

68-Er-162

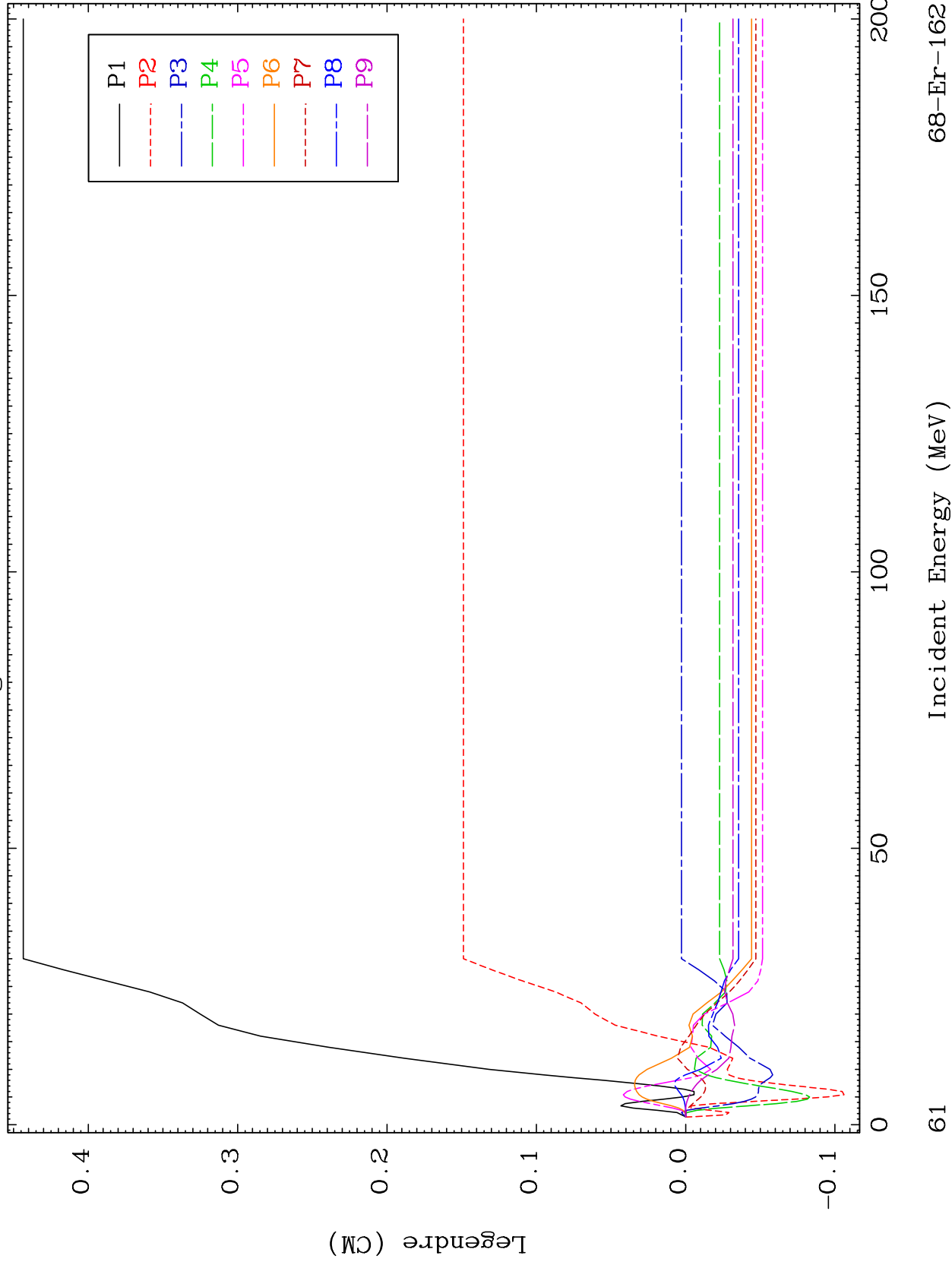




MAT 6825

1.357 MeV (n,n') Level
Legendre Coefficients

68-Er-162



68-Er-162

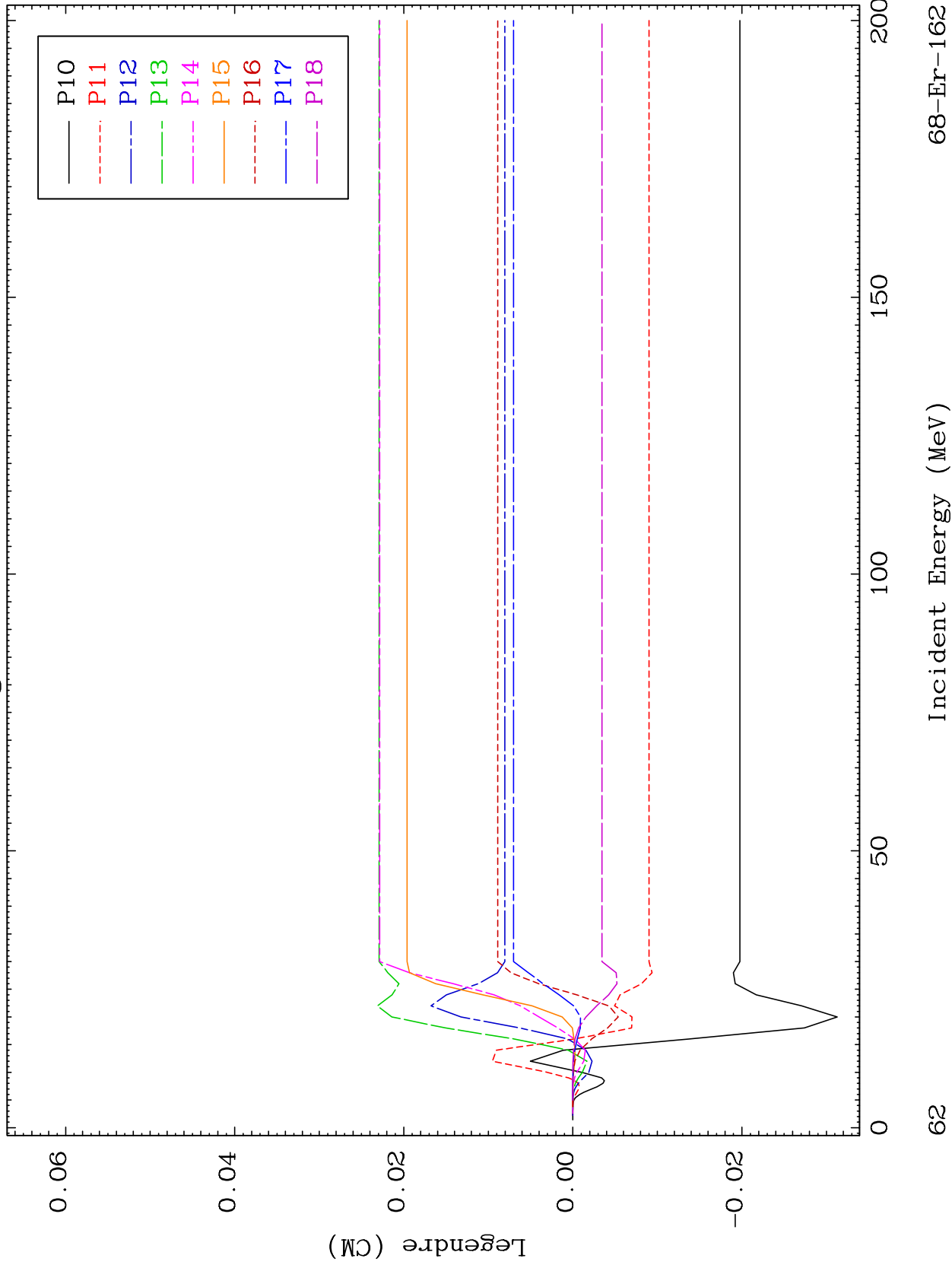
Incident Energy (MeV)

61

MAT 6825

1.357 MeV (n,n') Level
Legendre Coefficients

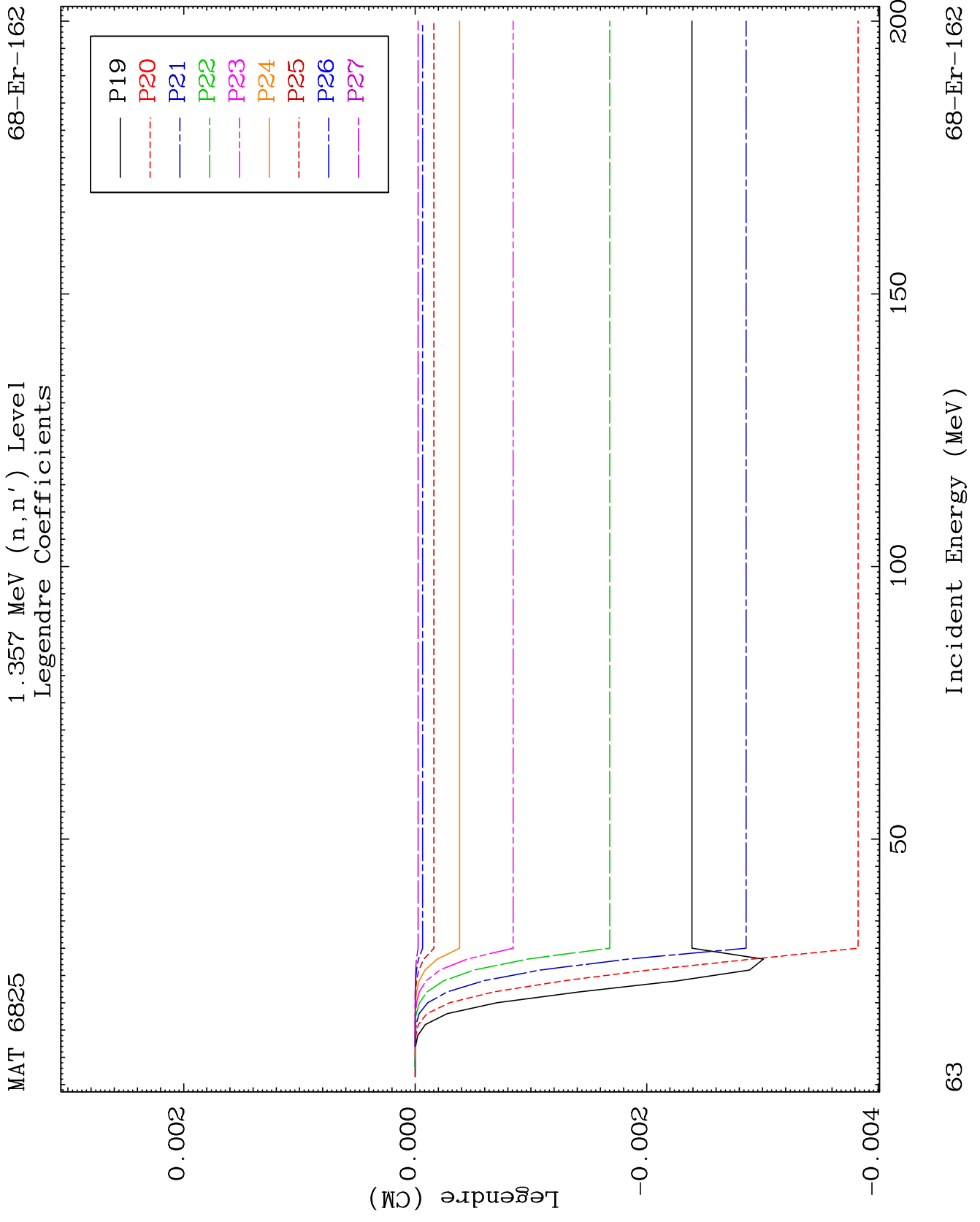
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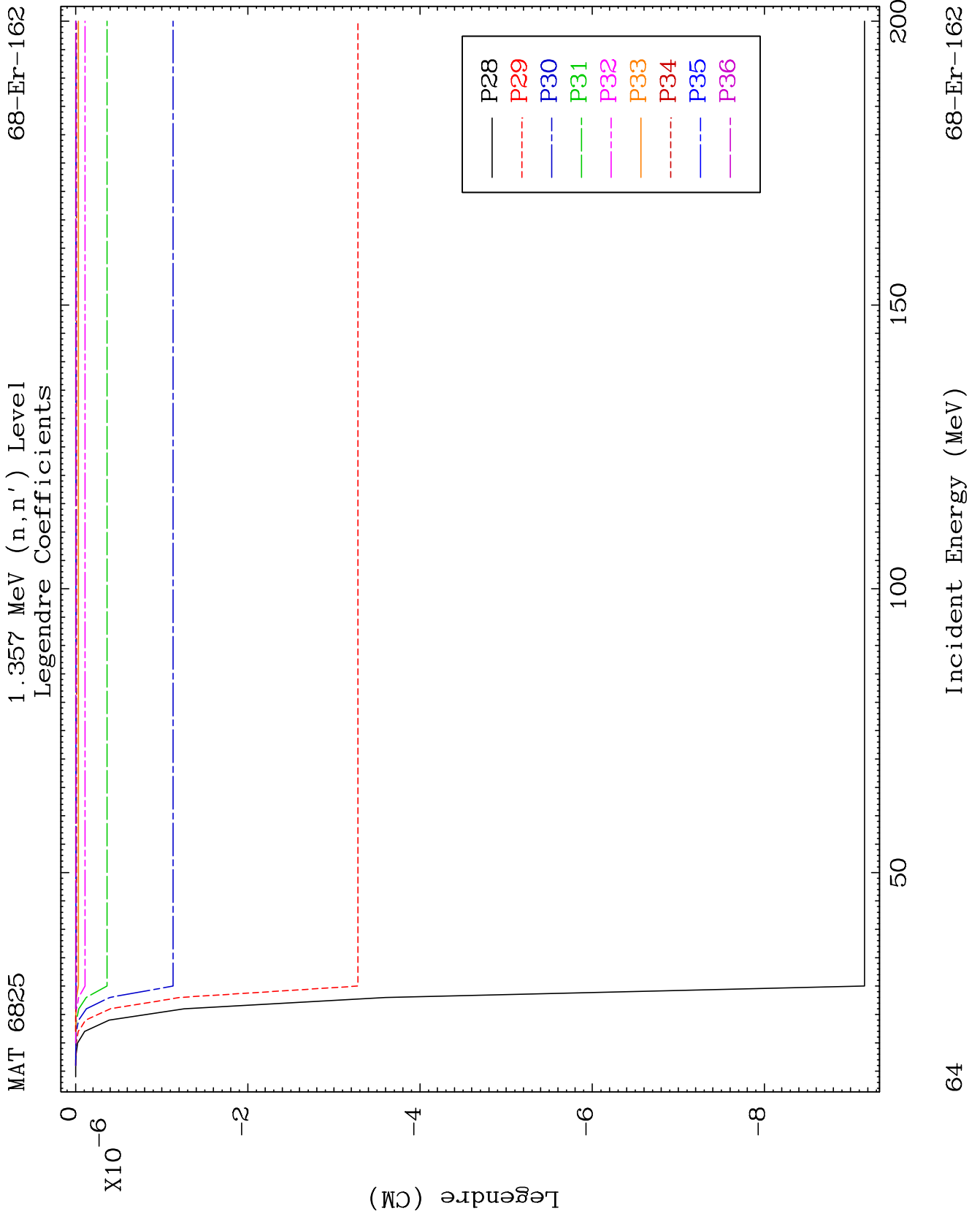


68-Er-162

Incident Energy (MeV)

62

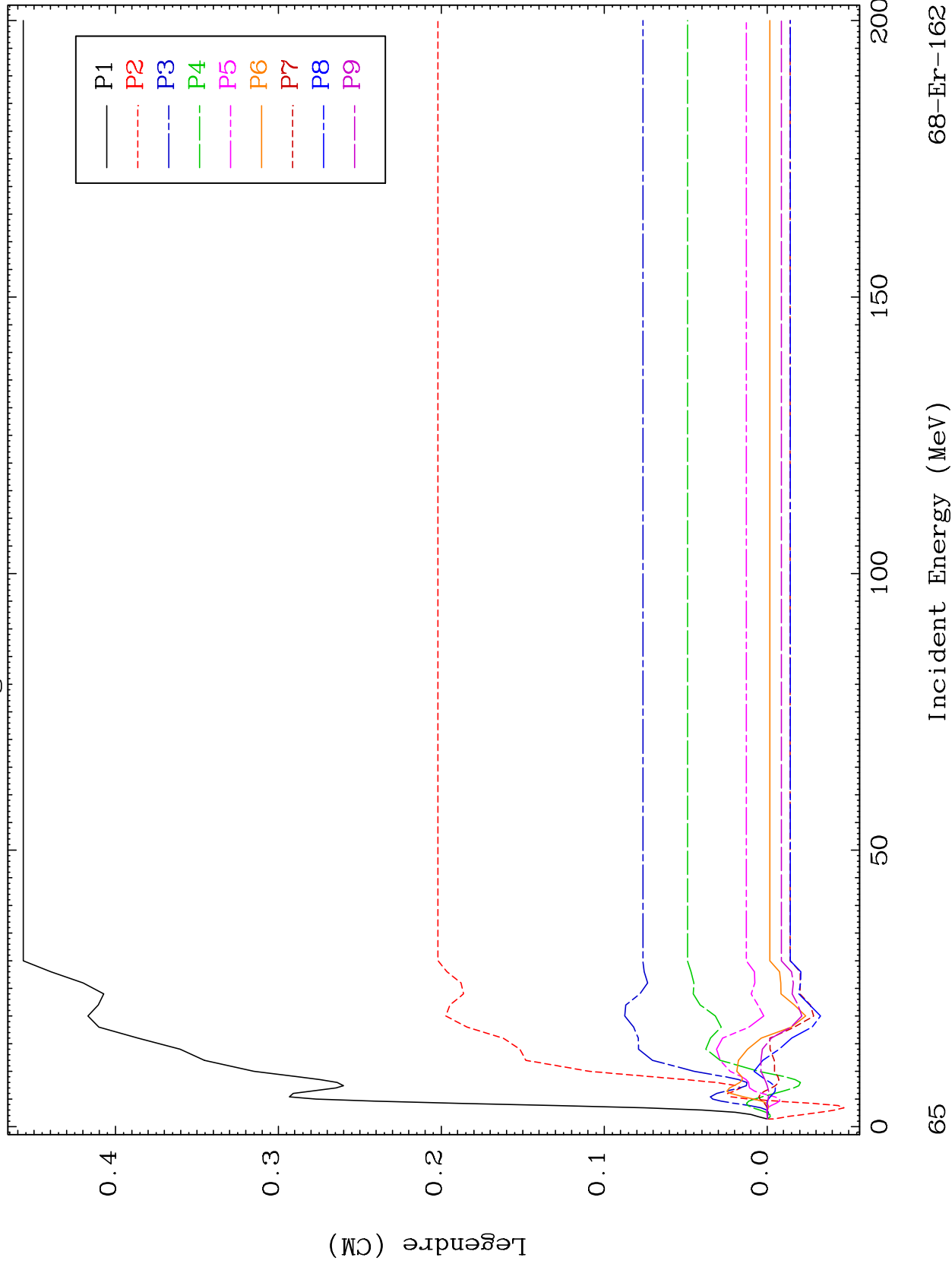




MAT 6825

1.369 MeV (n,n') Level
Legendre Coefficients

68-Er-162



68-Er-162

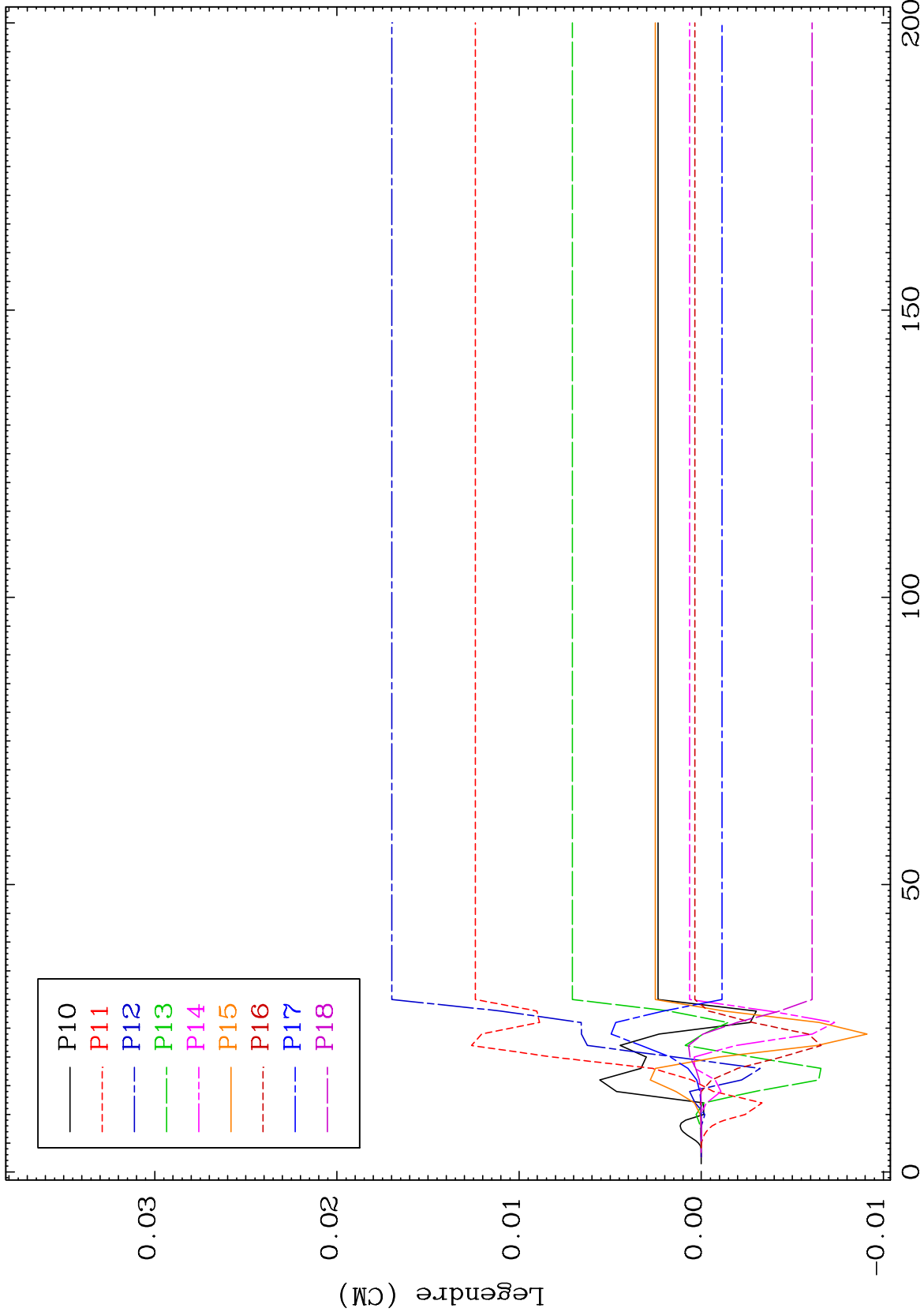
Incident Energy (MeV)

65

MAT 6825

1.369 MeV (n,n') Level
Legendre Coefficients

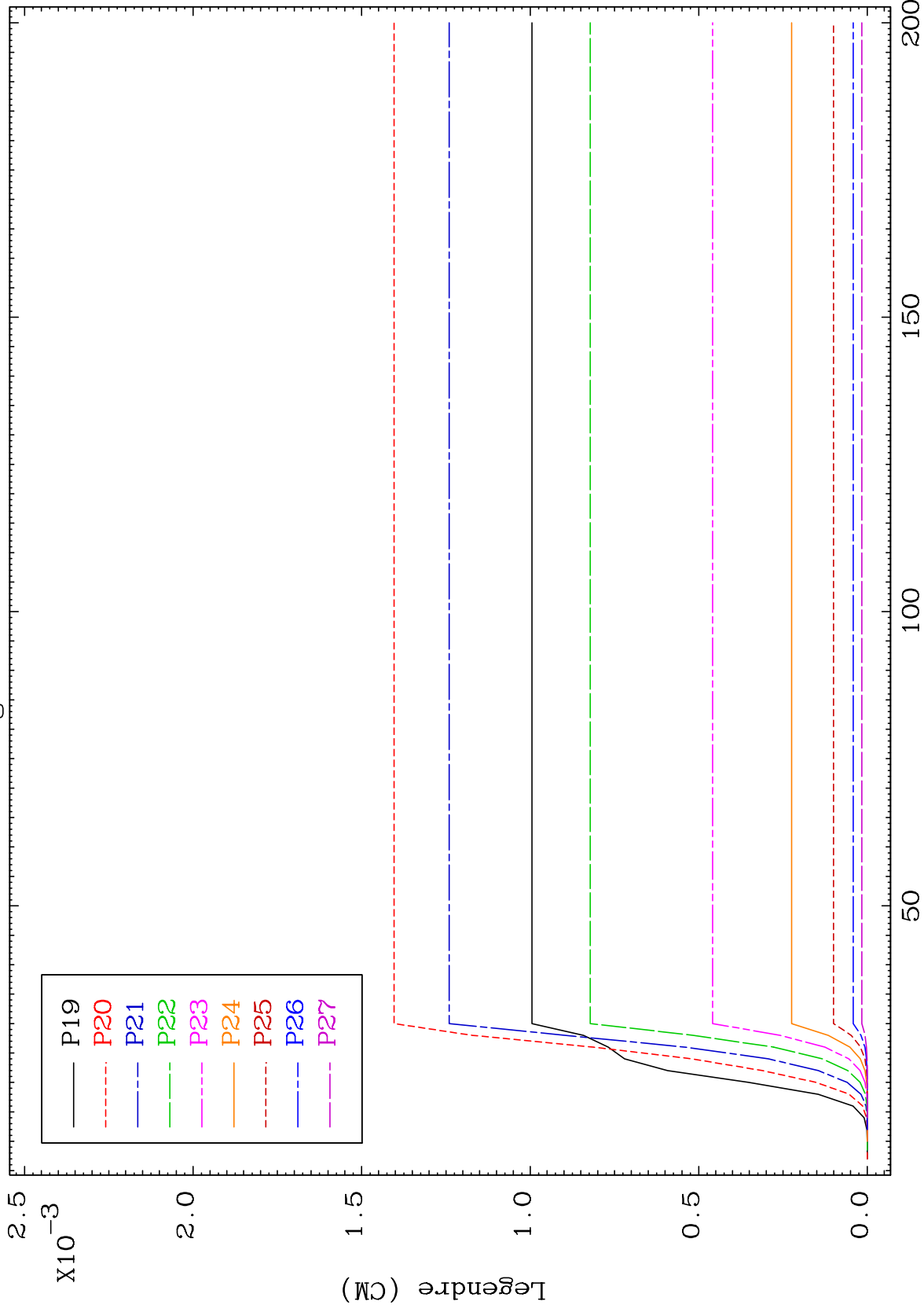
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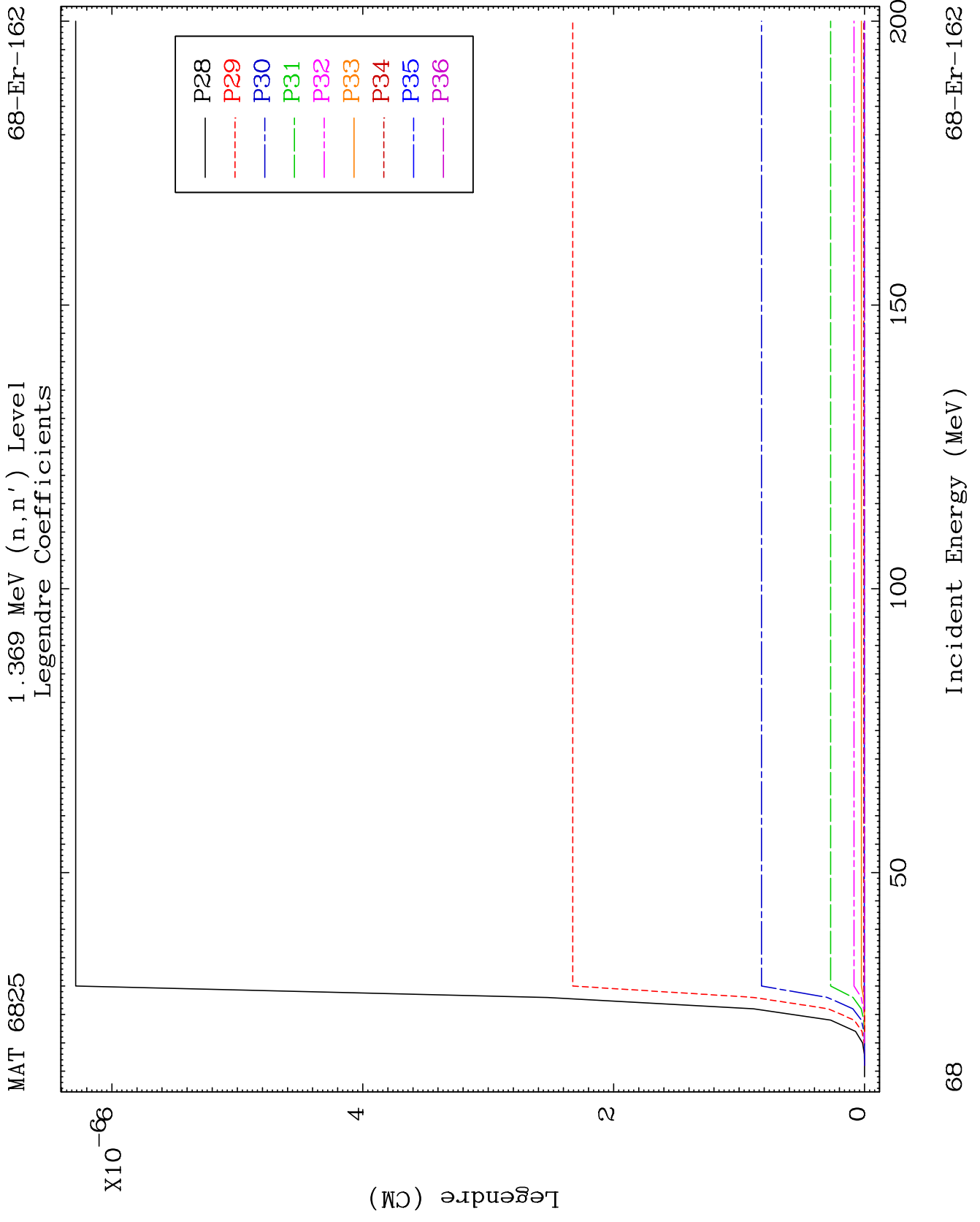


66

Incident Energy (MeV)

68-Er-162

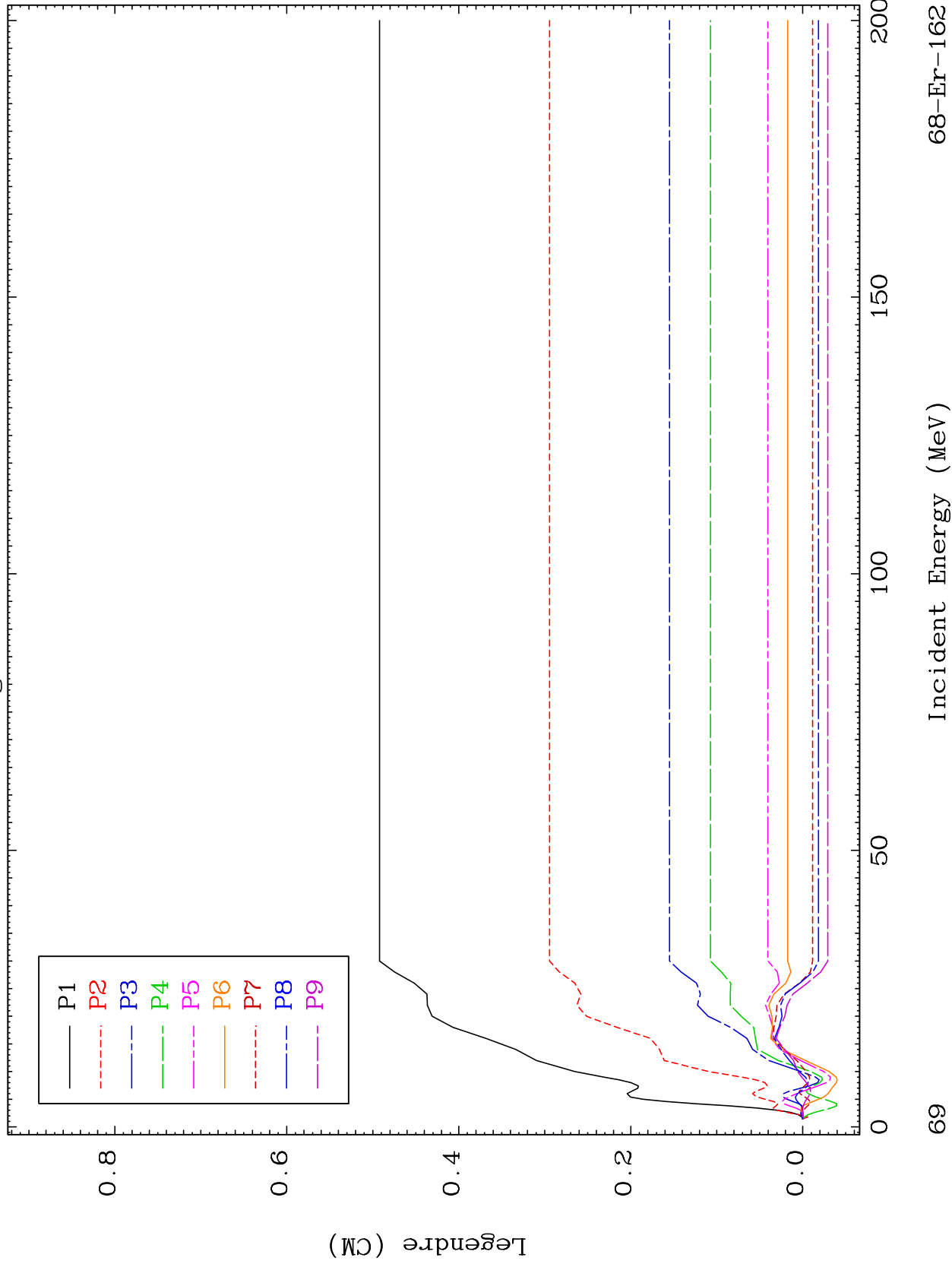




MAT 6825

1.413 MeV (n,n') Level
Legendre Coefficients

68-Er-162



68-Er-162

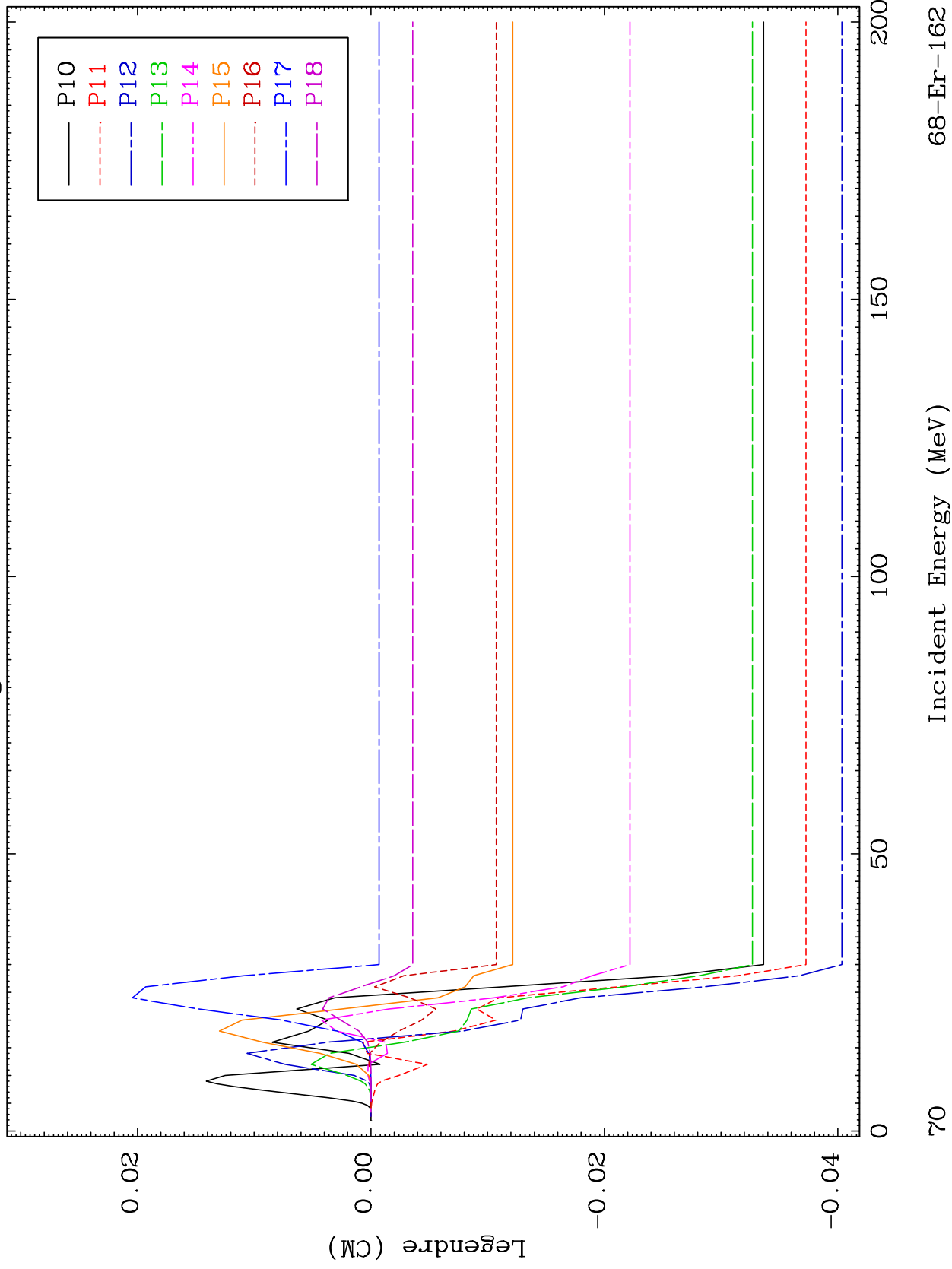
Incident Energy (MeV)

69

MAT 6825

1.413 MeV (n,n') Level
Legendre Coefficients

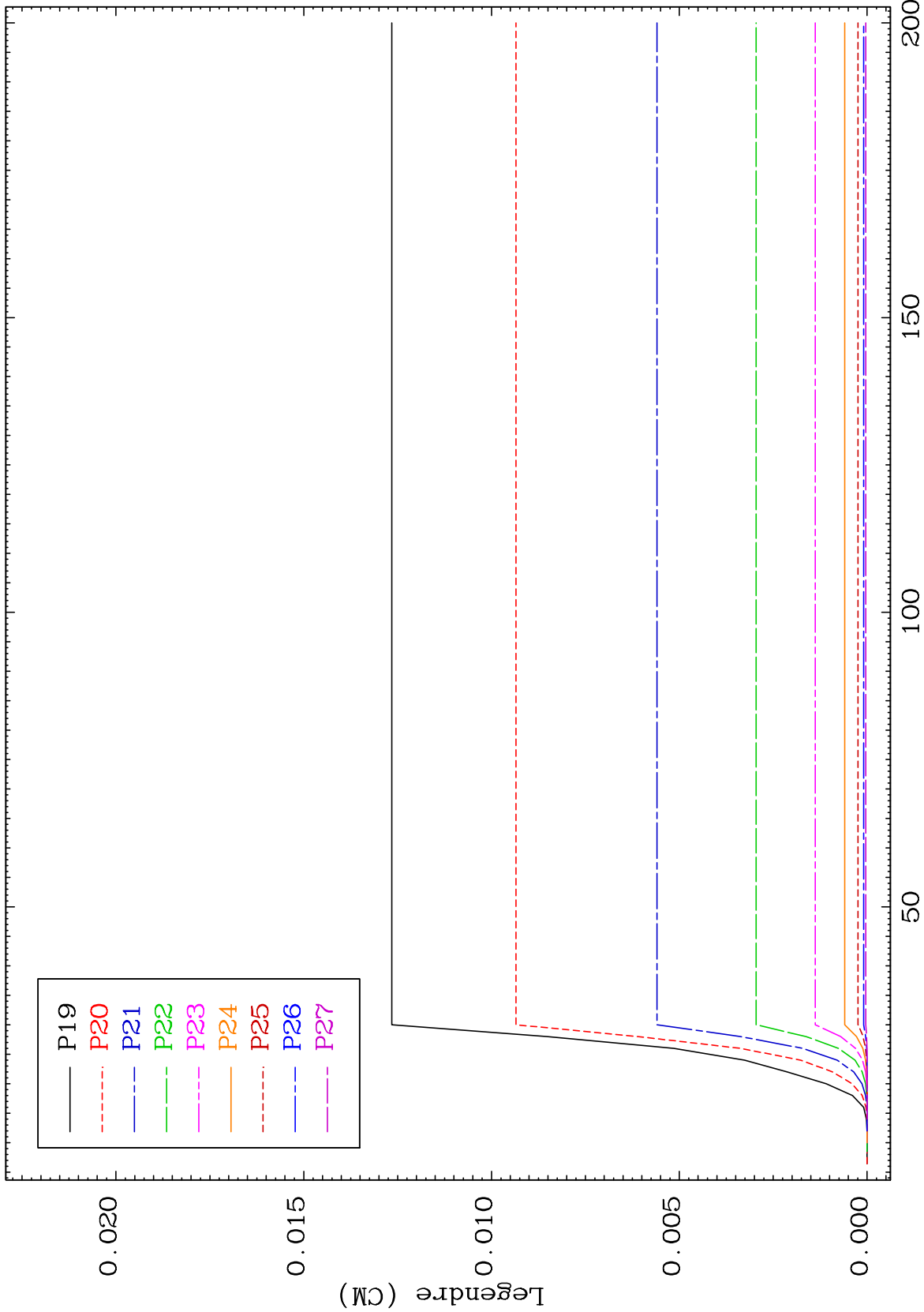
68-Er-162



68-Er-162

Incident Energy (MeV)

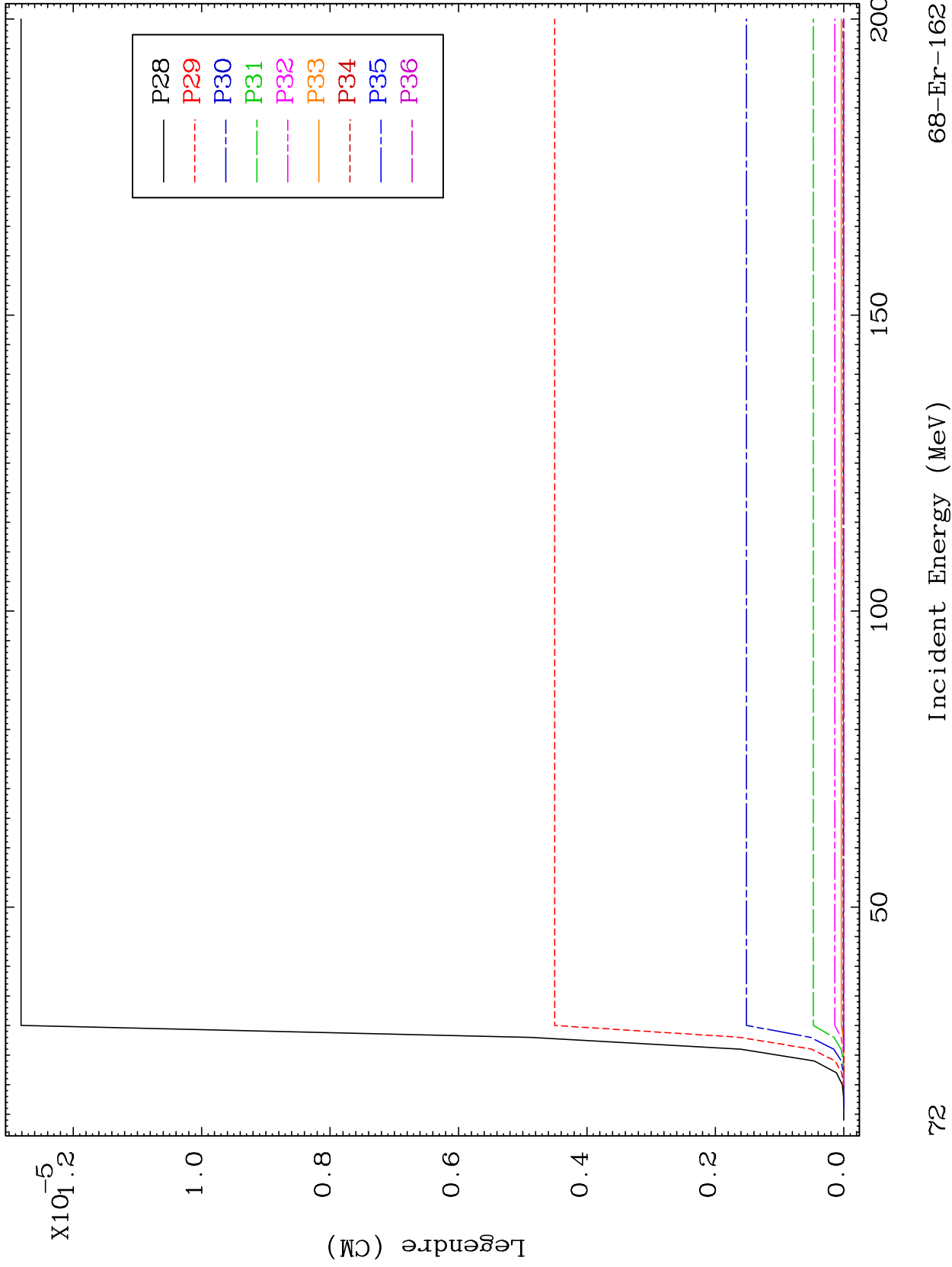
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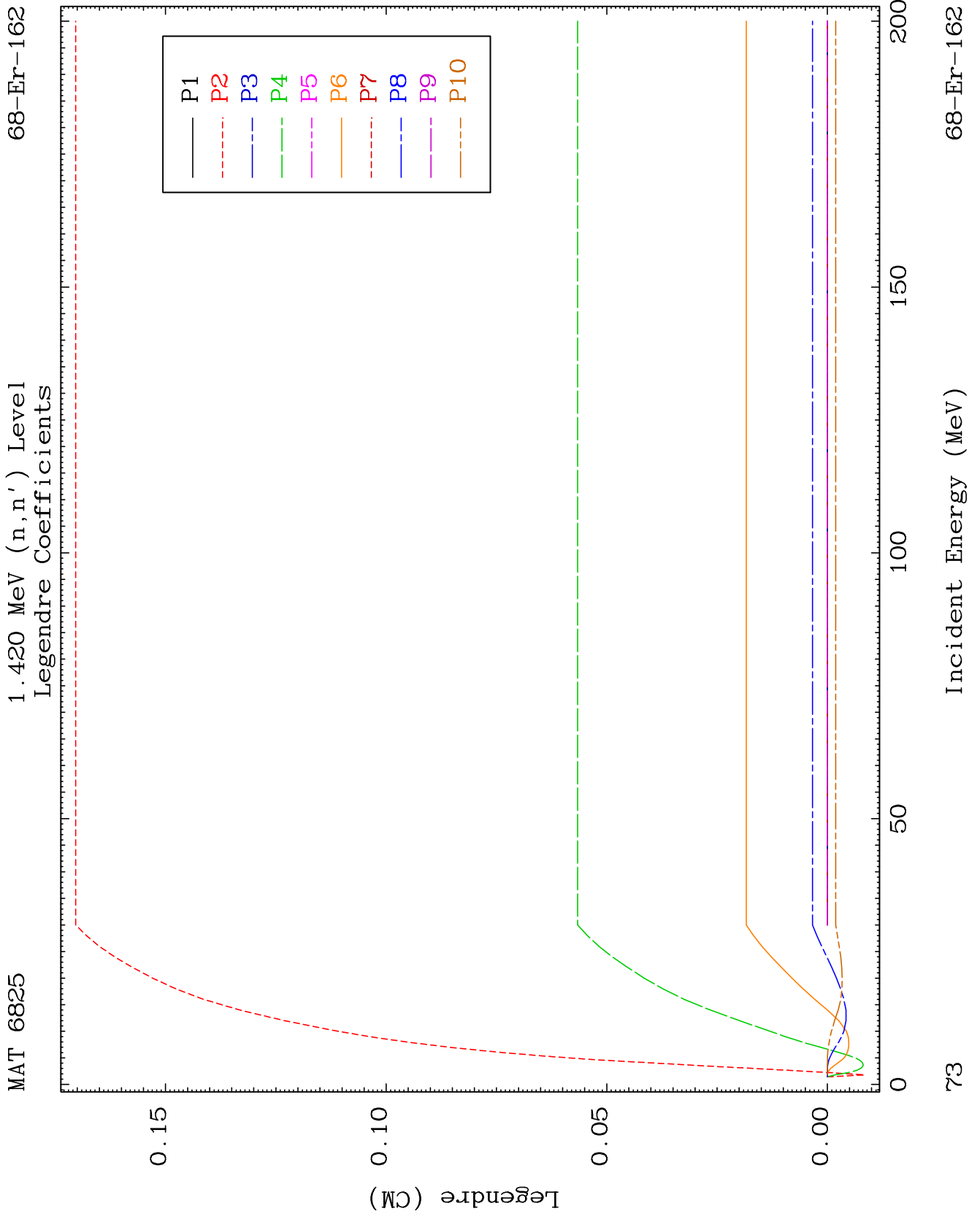


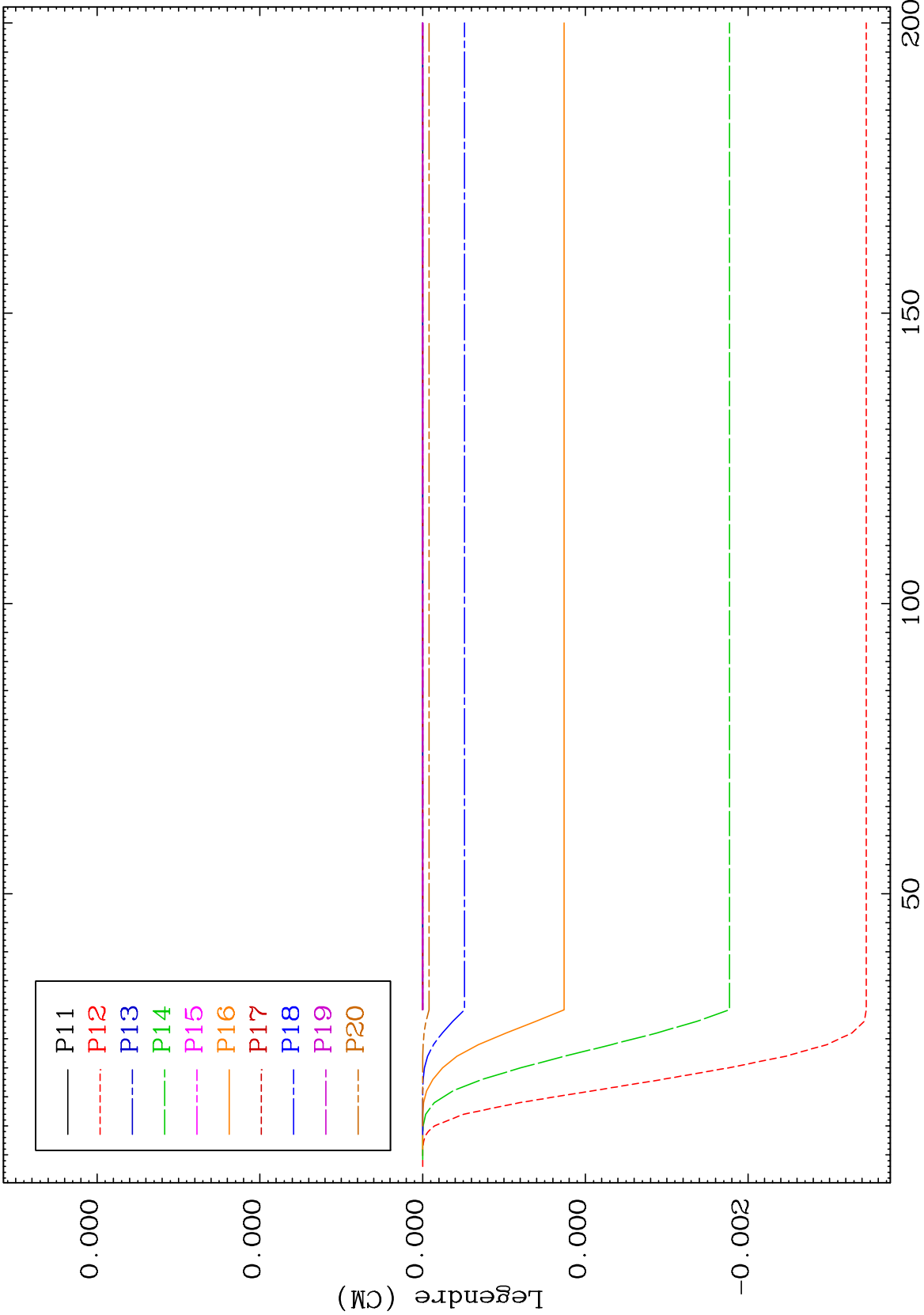
MAT 6825

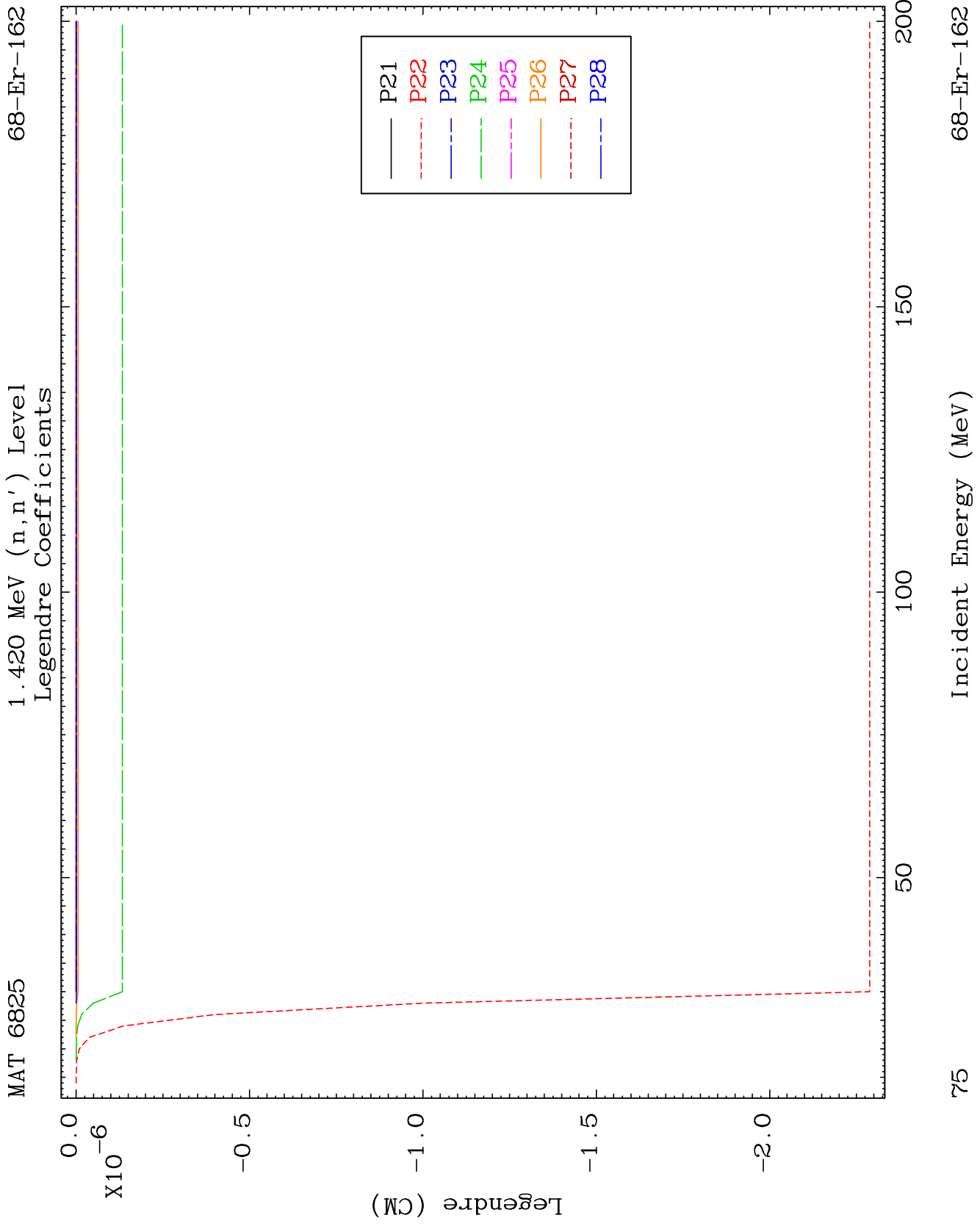
1.413 MeV (n, n') Level
Legendre Coefficients

68-Er-162





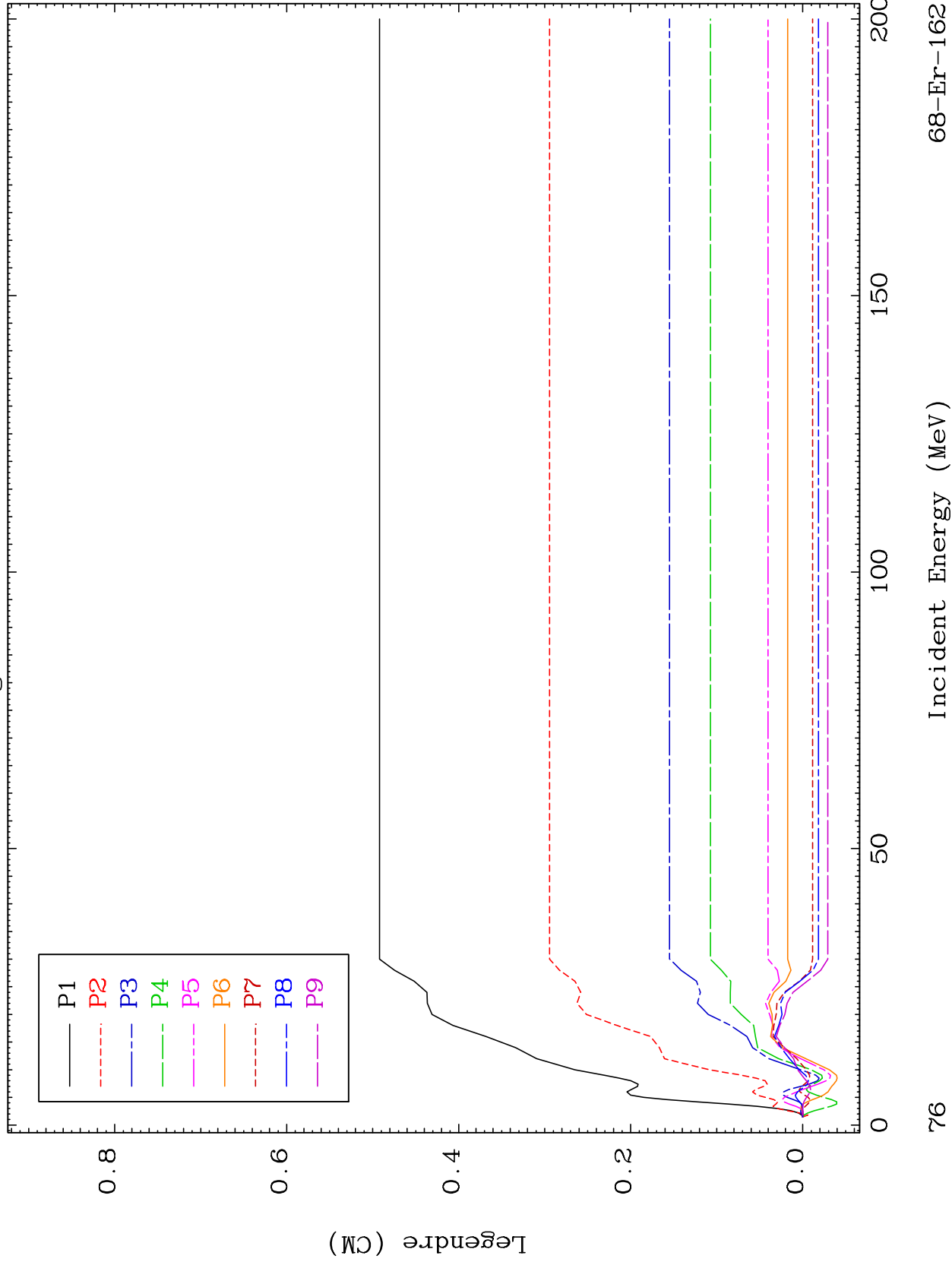




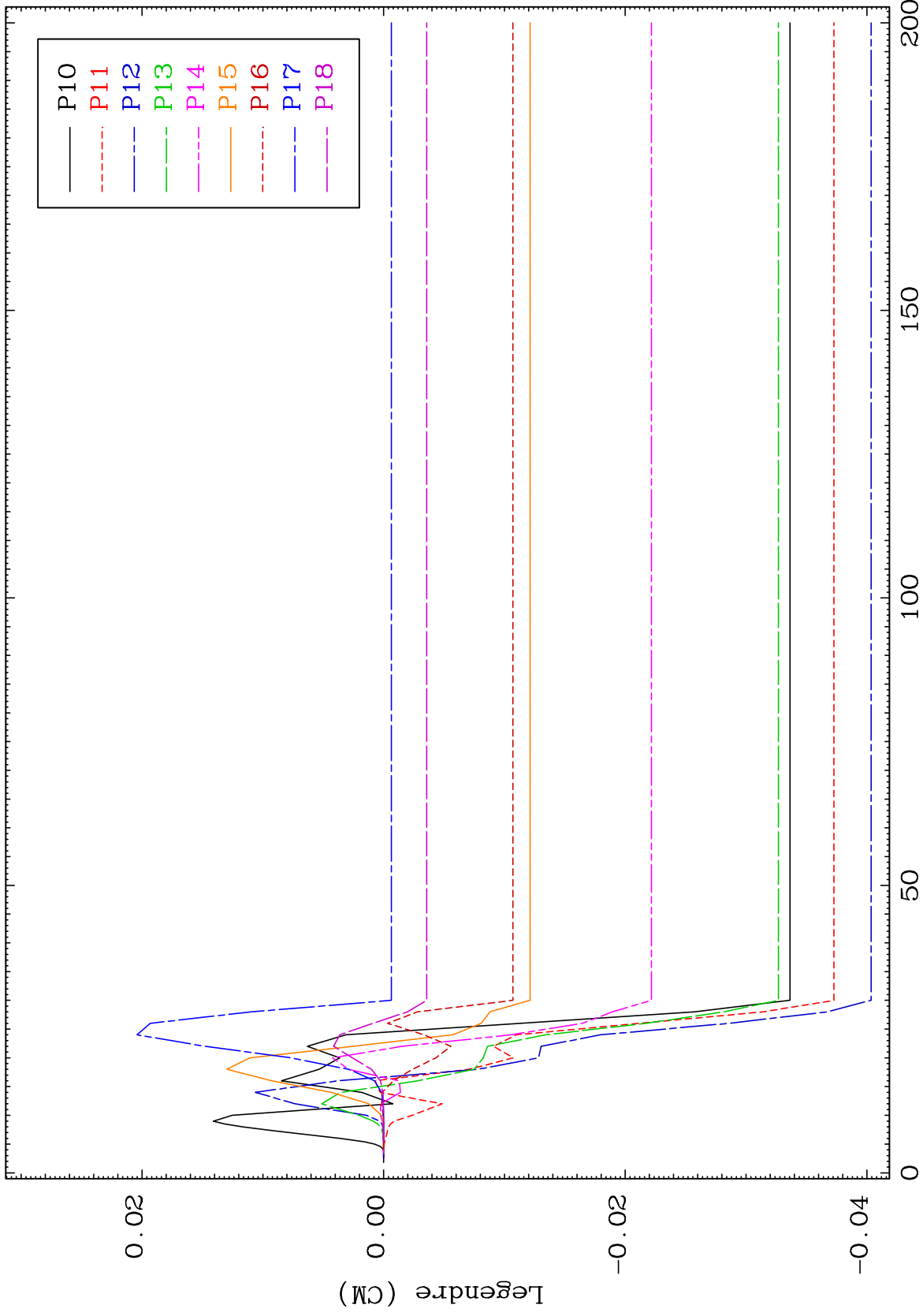
MAT 6825

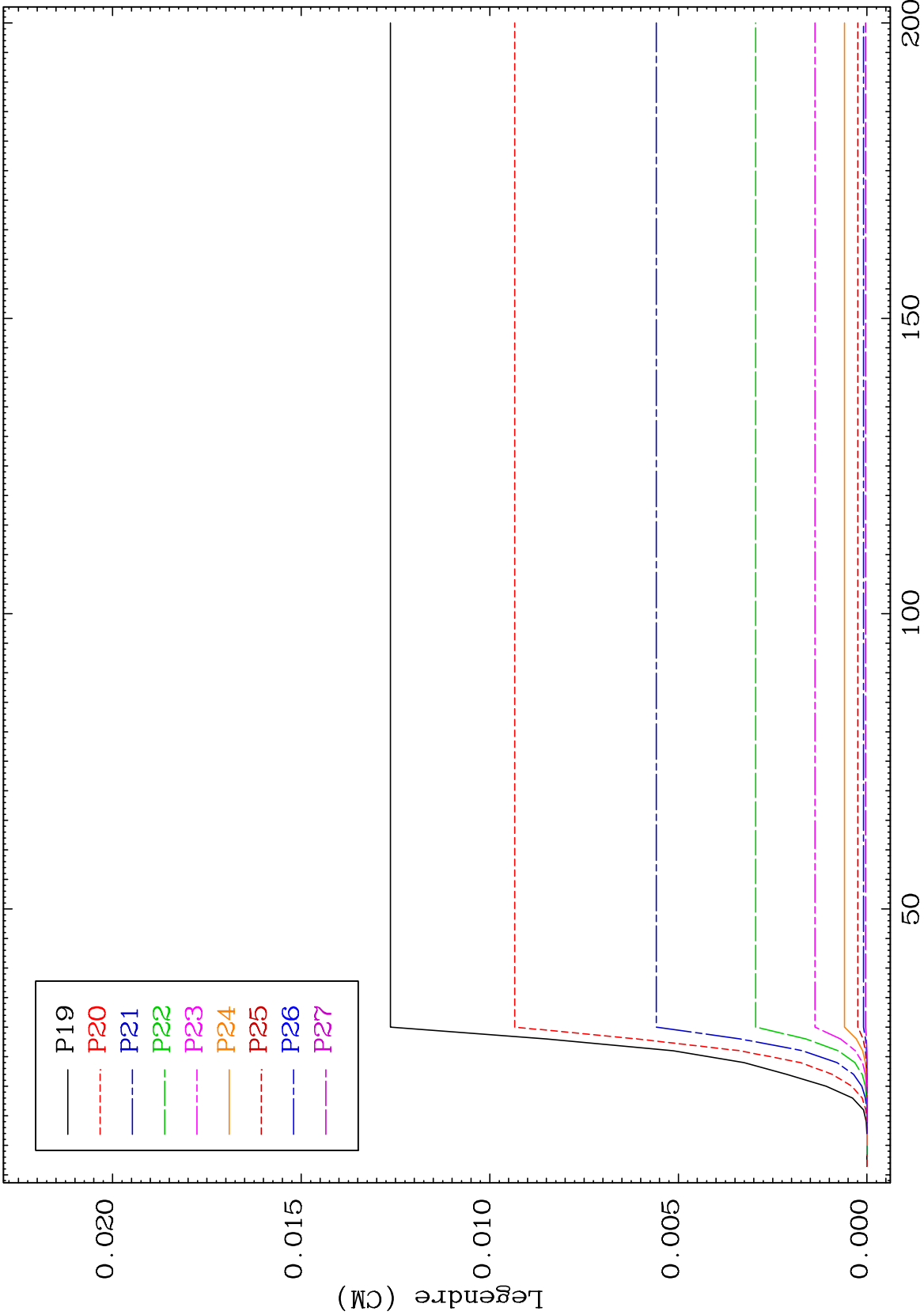
1.430 MeV (n,n') Level
Legendre Coefficients

68-Er-162



76

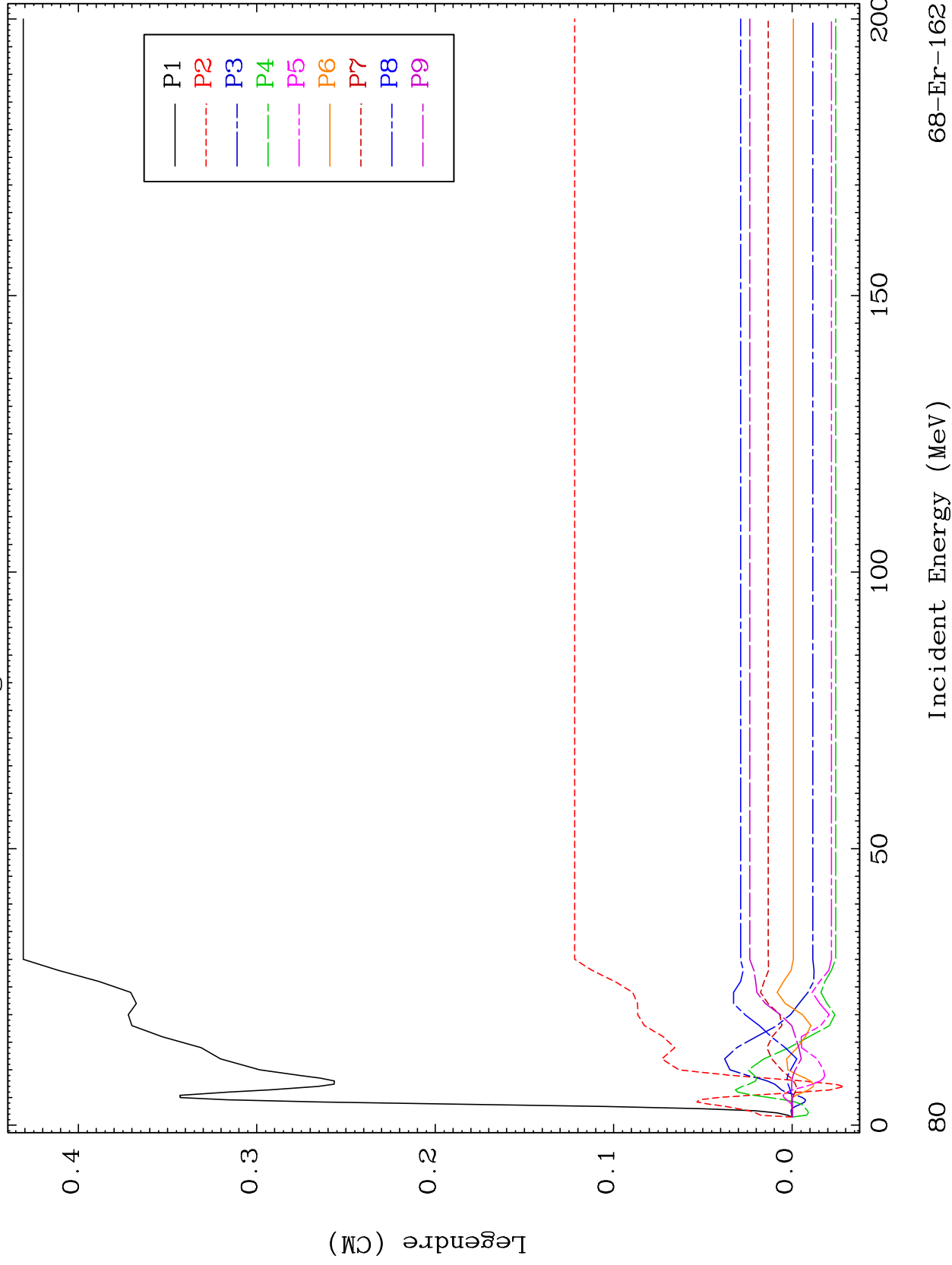




MAT 6825

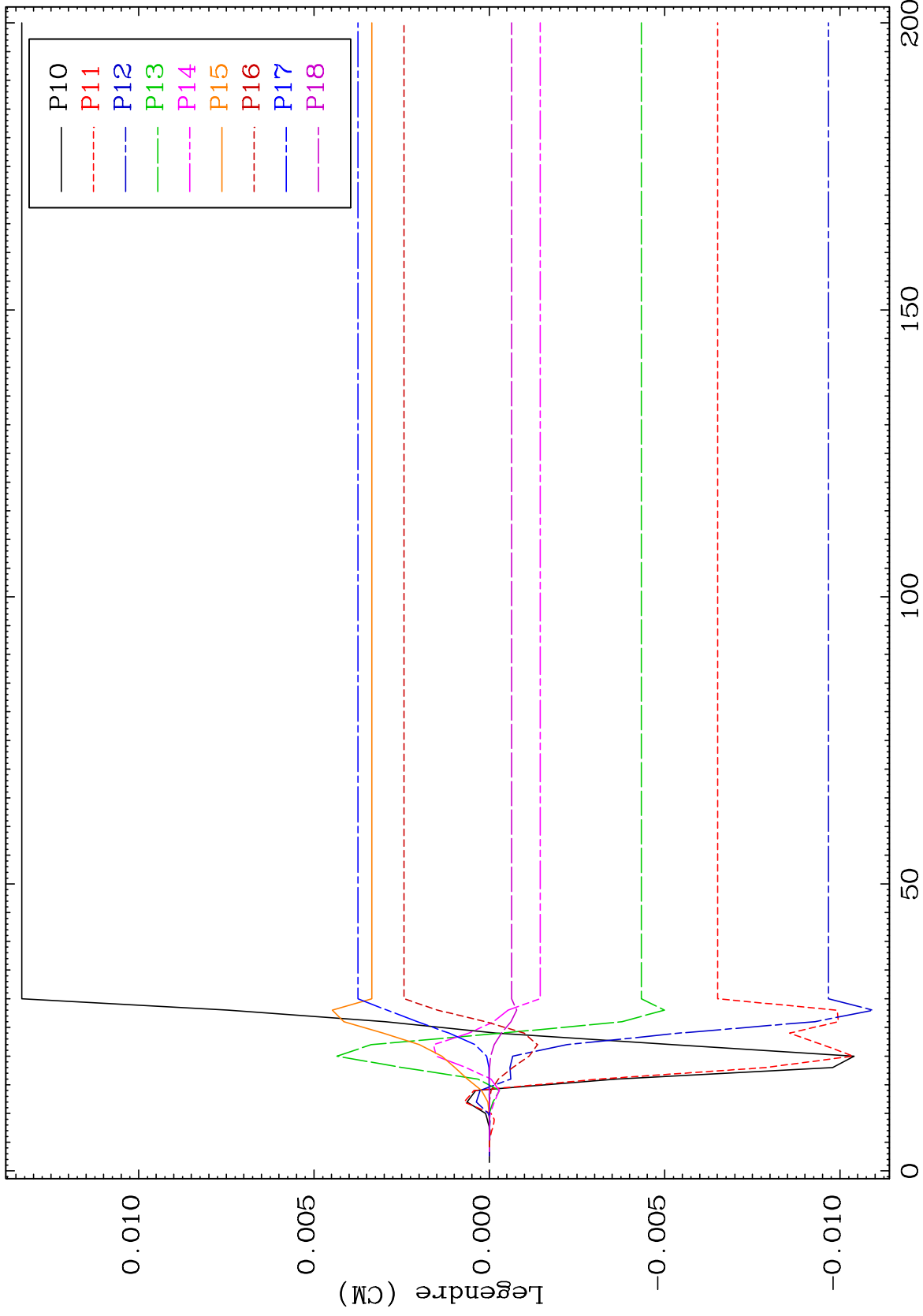
1.460 MeV (n,n') Level
Legendre Coefficients

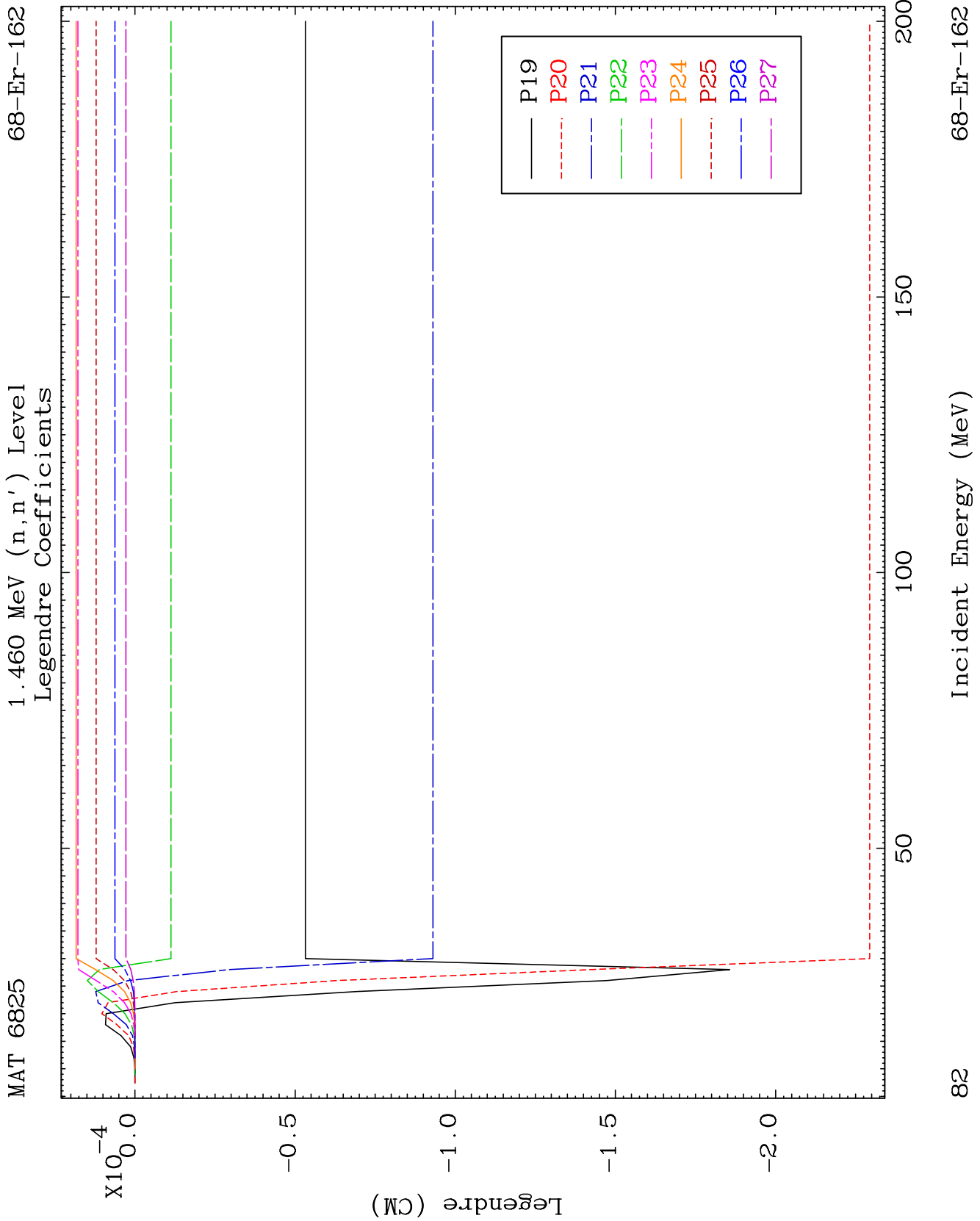
68-Er-162

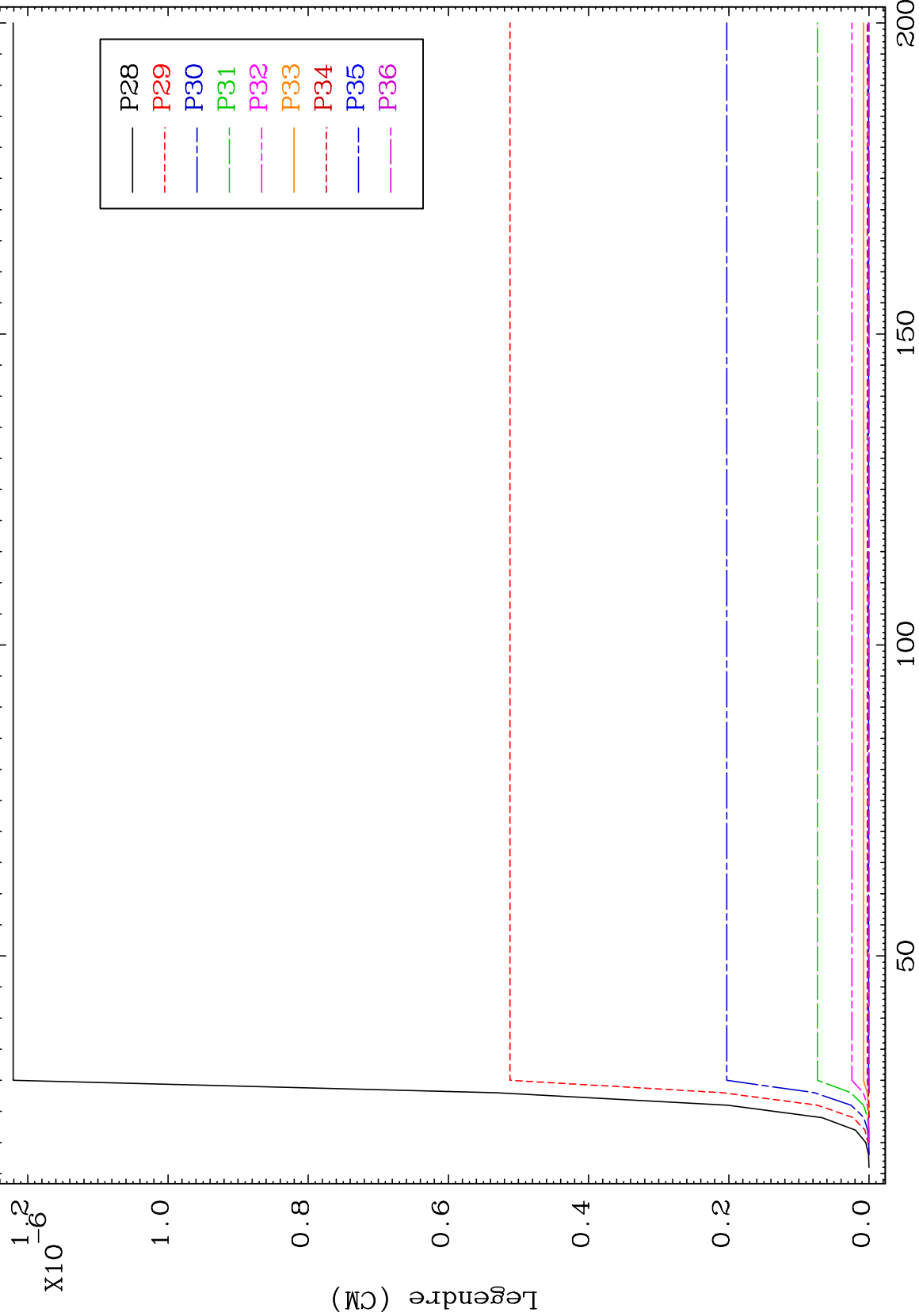


68-Er-162

Incident Energy (MeV)



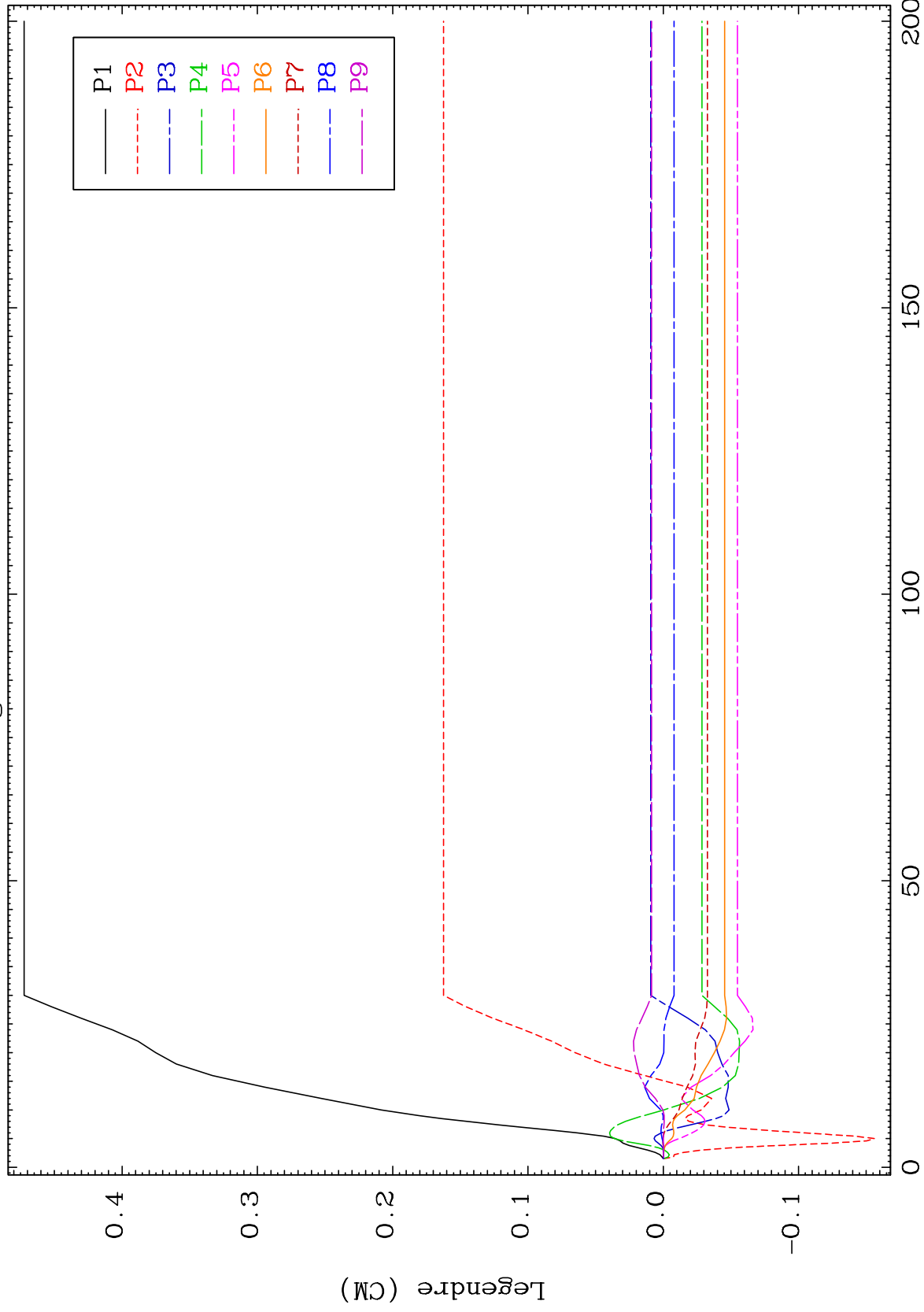




MAT 6825

1.469 MeV (n,n') Level
Legendre Coefficients

68-Er-162



84

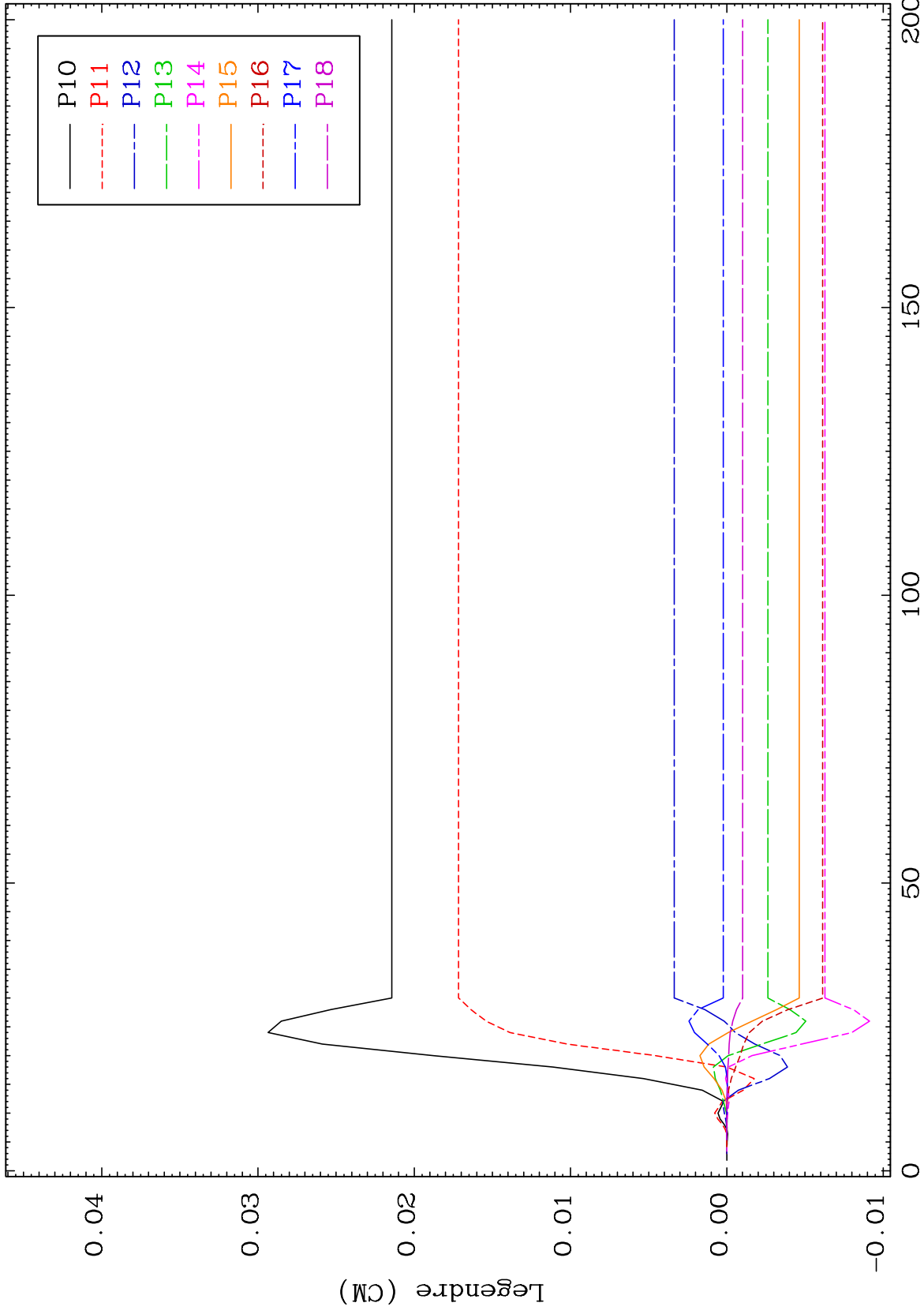
Incident Energy (MeV)

68-Er-162

MAT 6825

1.469 MeV (n,n') Level
Legendre Coefficients

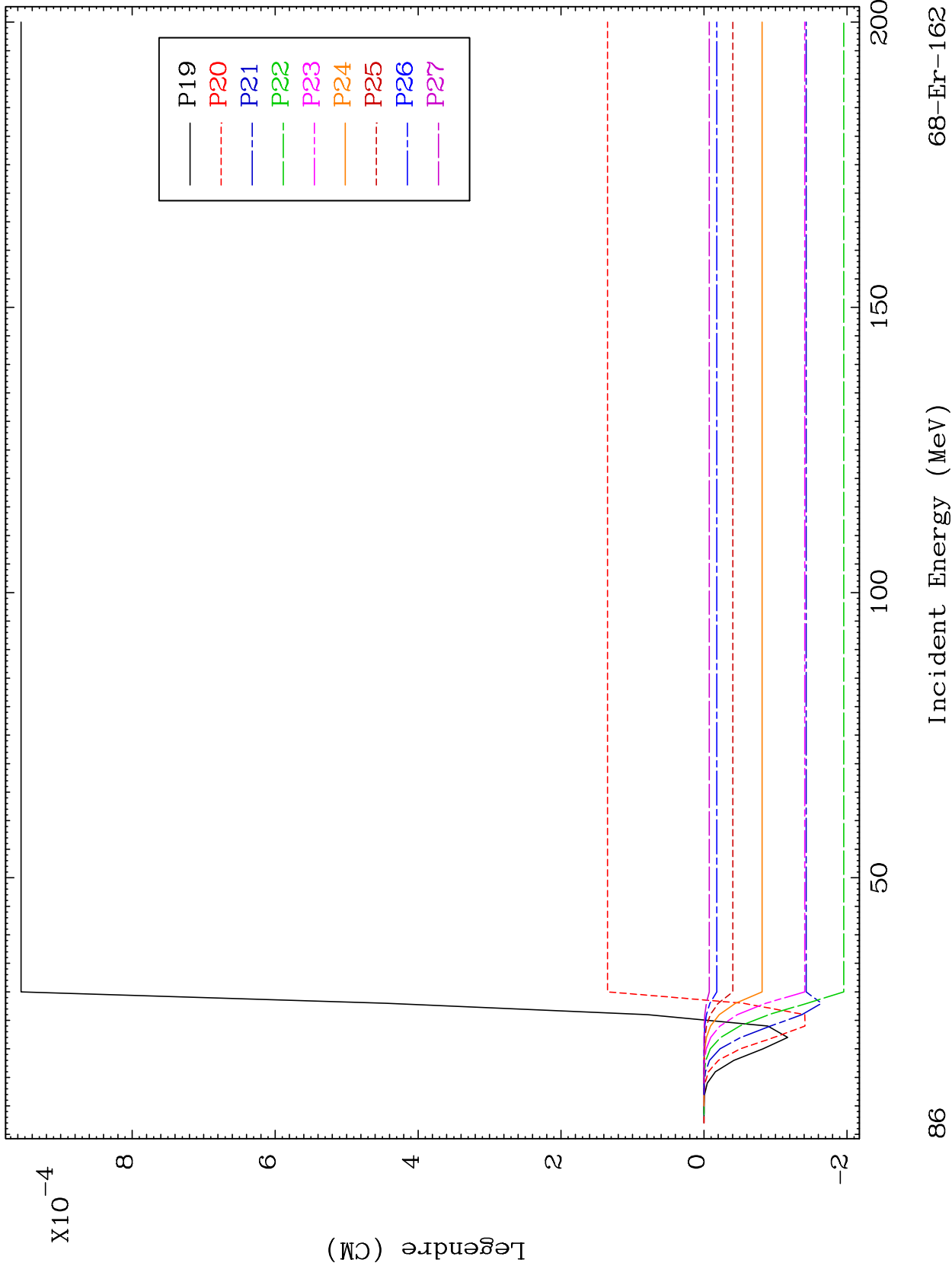
68-Er-162

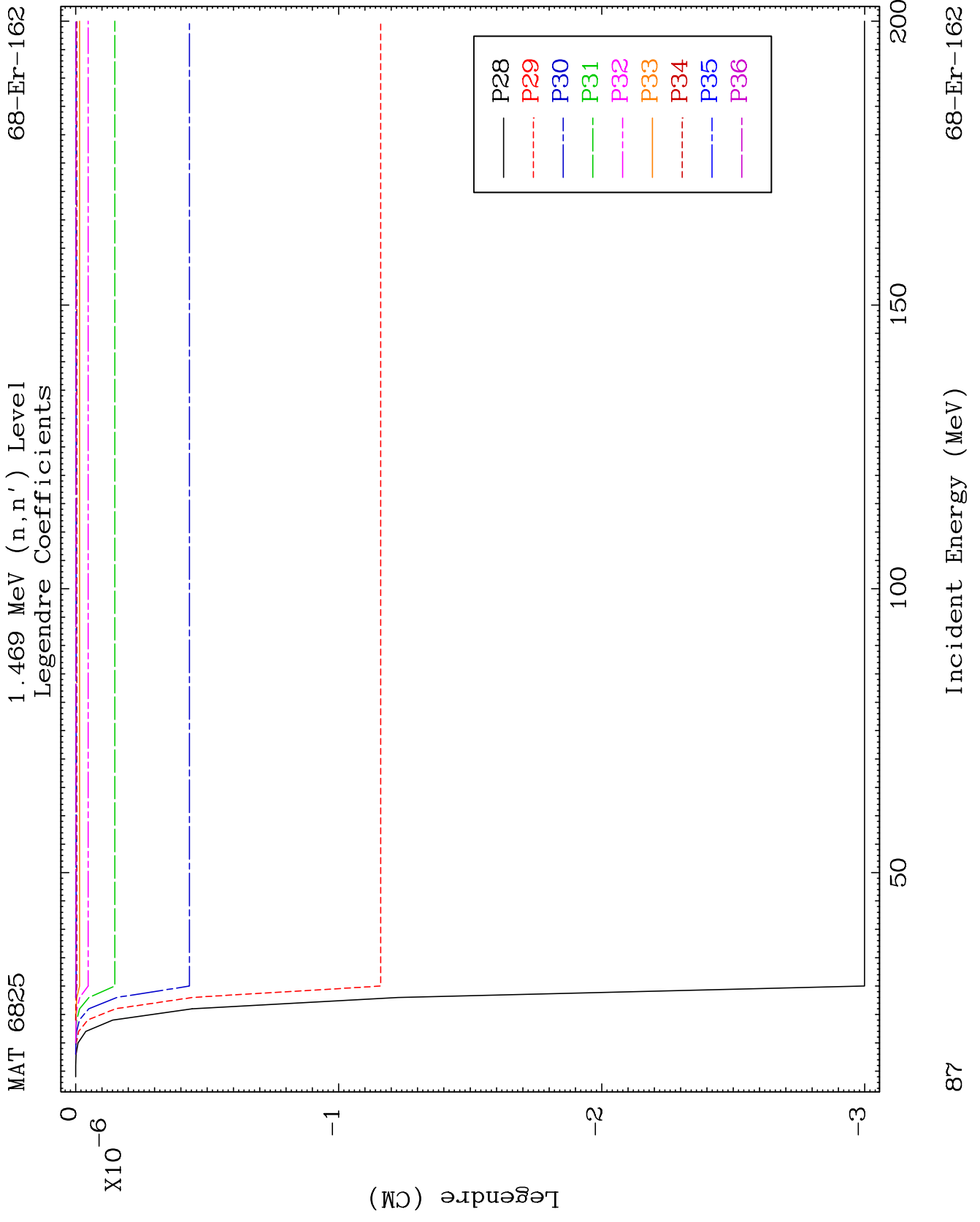


85

Incident Energy (MeV)

68-Er-162

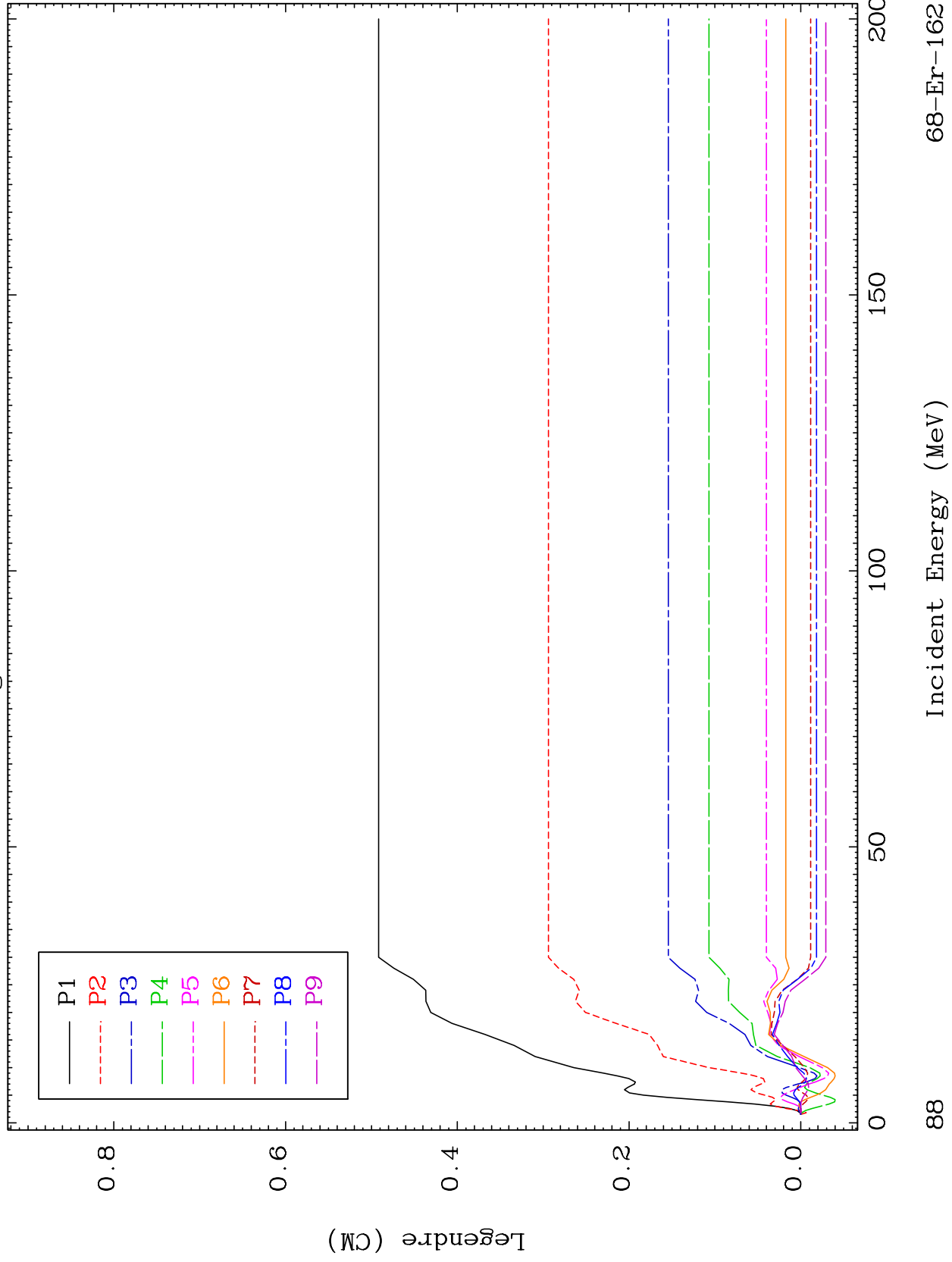




MAT 6825

1.501 MeV (n,n') Level
Legendre Coefficients

68-Er-162

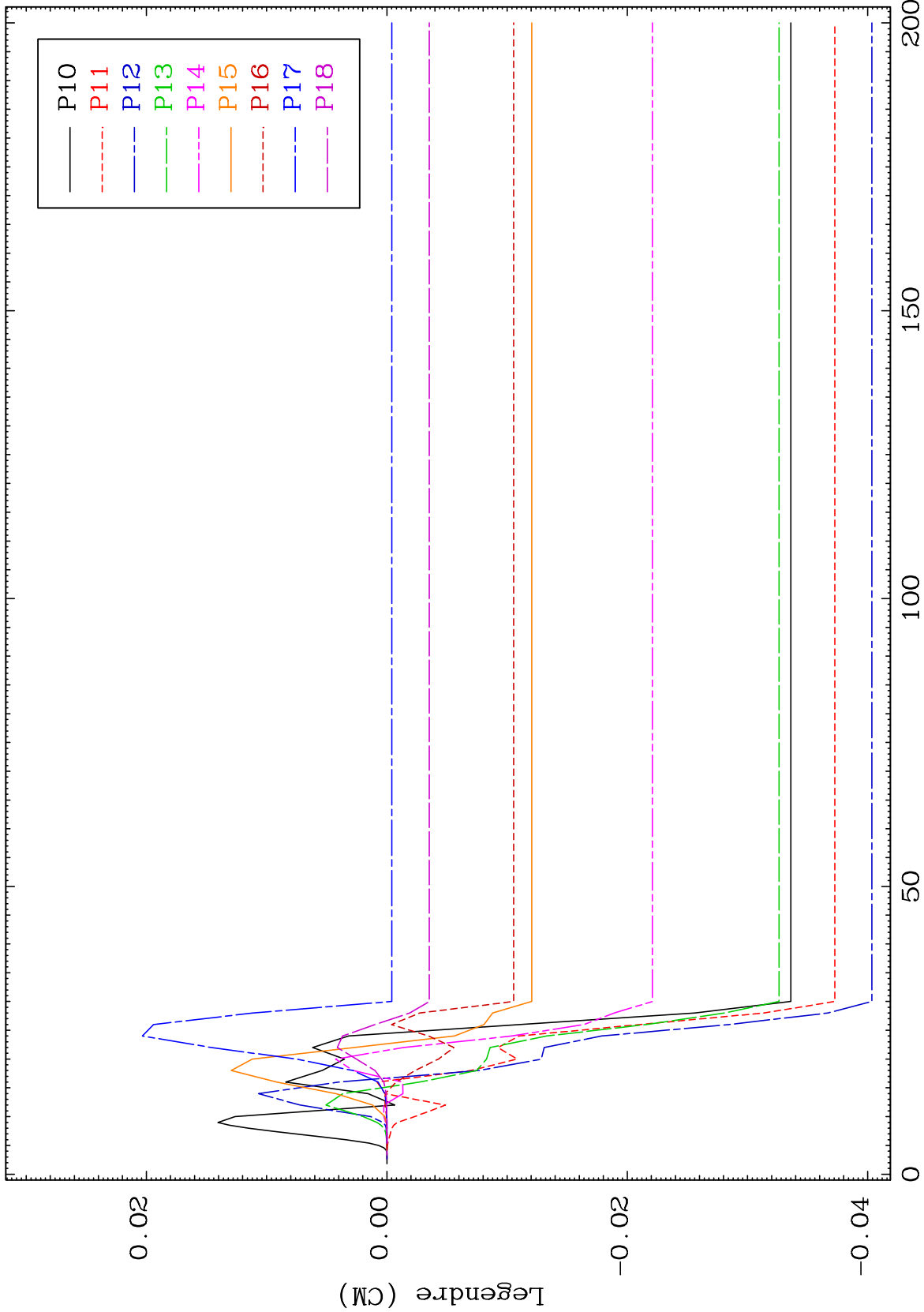


88

MAT 6825

1.501 MeV (n,n') Level
Legendre Coefficients

68-Er-162



89

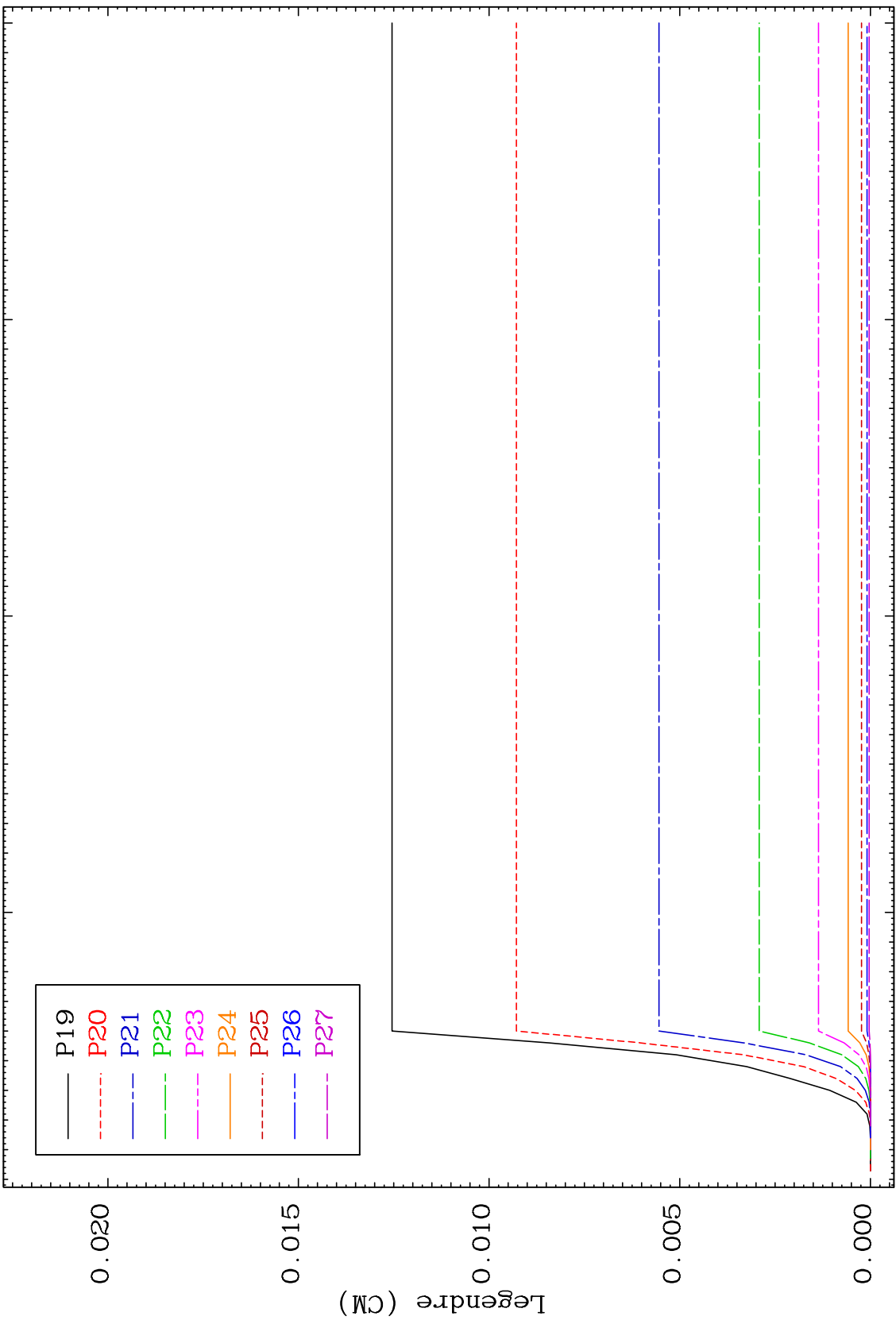
Incident Energy (MeV)

68-Er-162

MAT 6825

1.501 MeV (n,n') Level
Legendre Coefficients

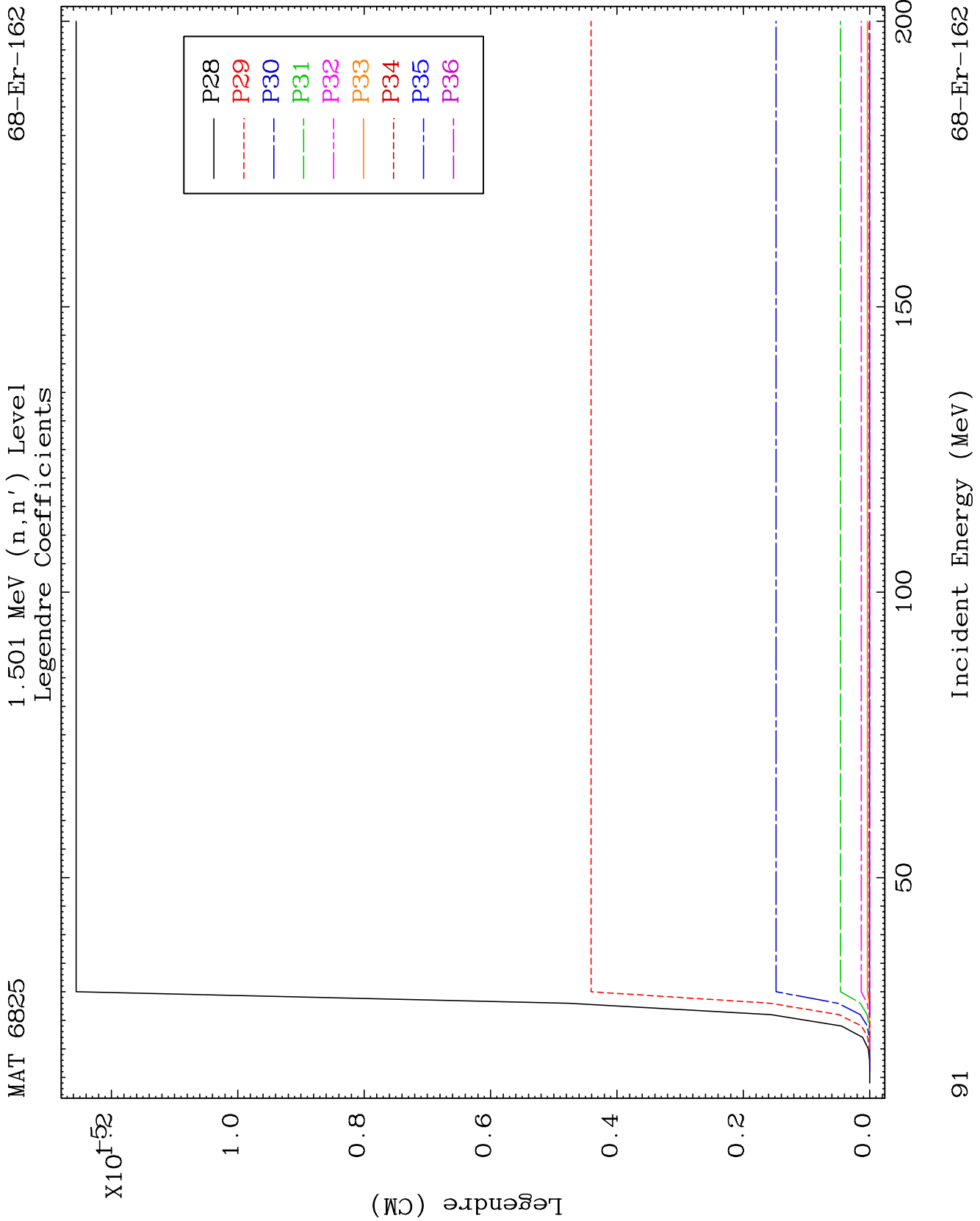
68-Er-162



90

Incident Energy (MeV)

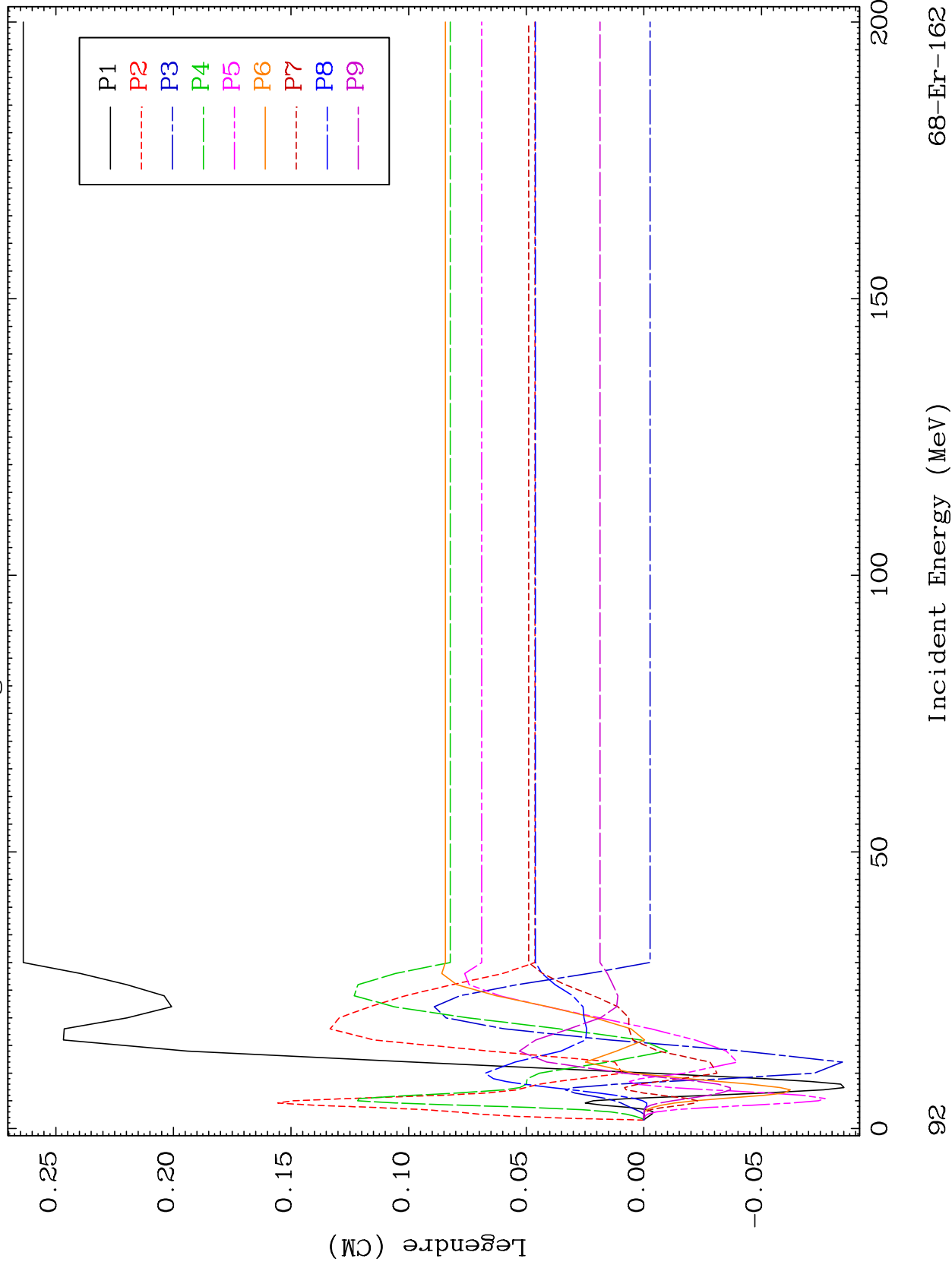
68-Er-162



MAT 6825

1.506 MeV (n,n') Level
Legendre Coefficients

68-Er-162



68-Er-162

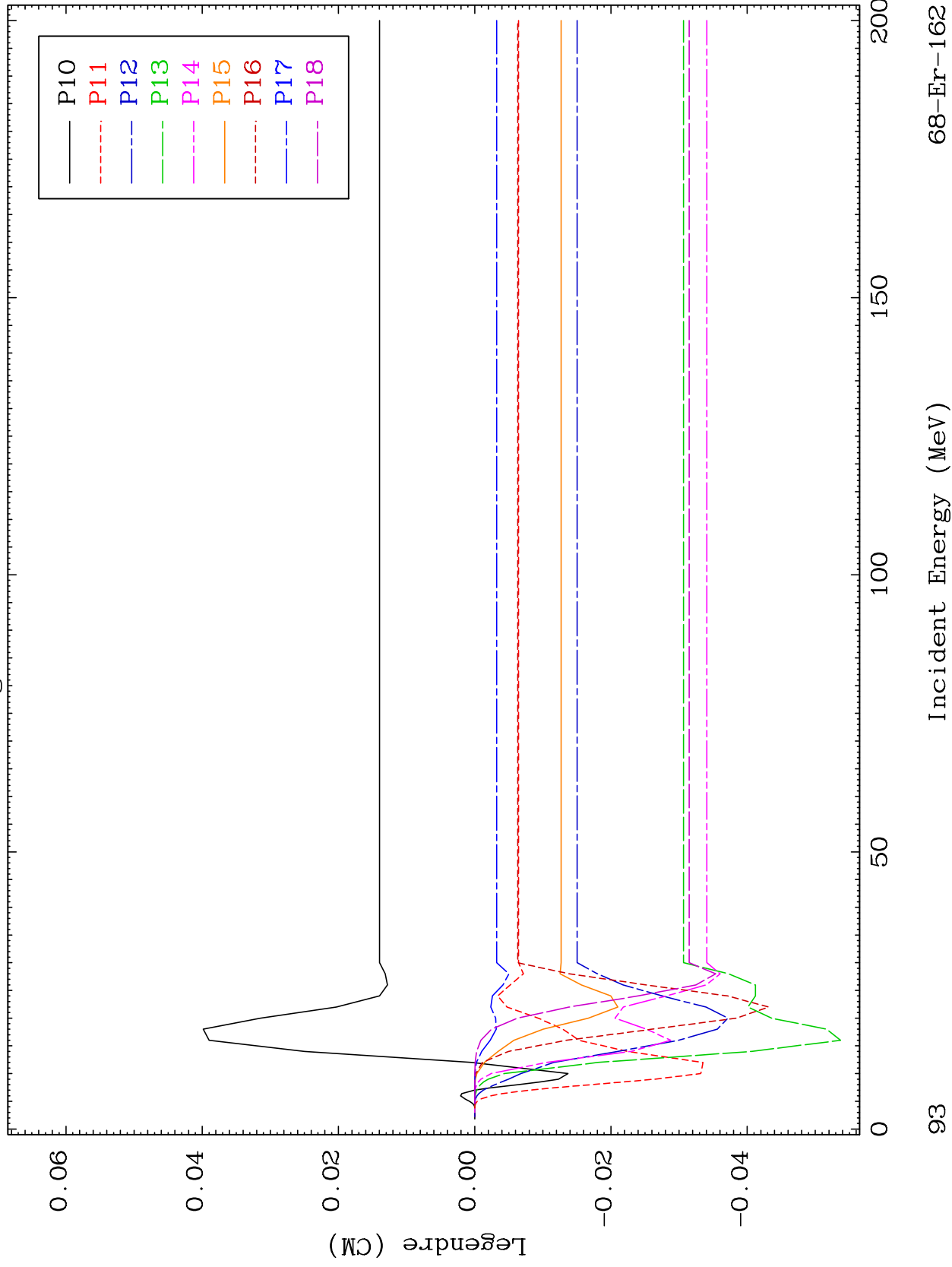
Incident Energy (MeV)

92

MAT 6825

1.506 MeV (n,n') Level
Legendre Coefficients

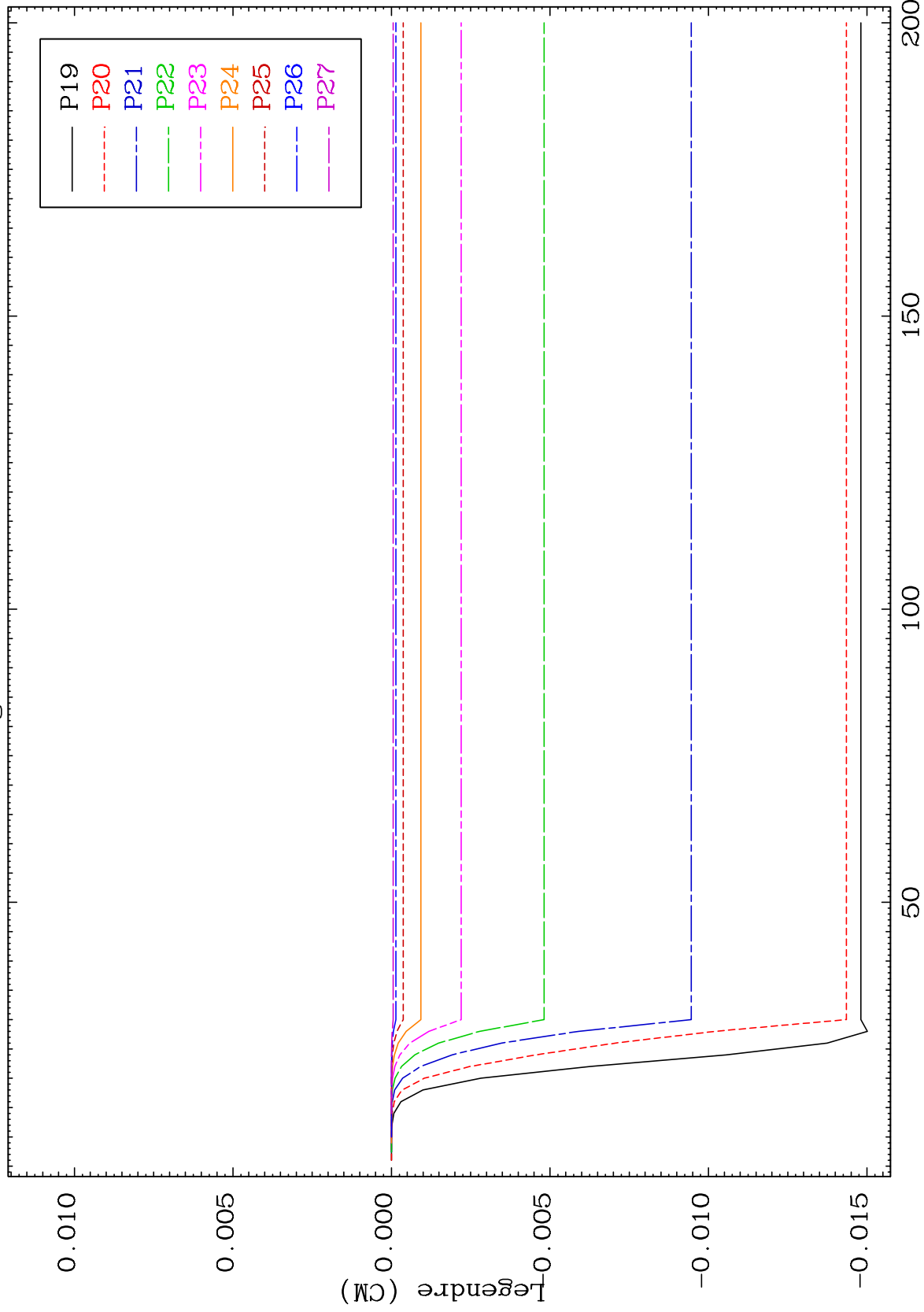
68-Er-162

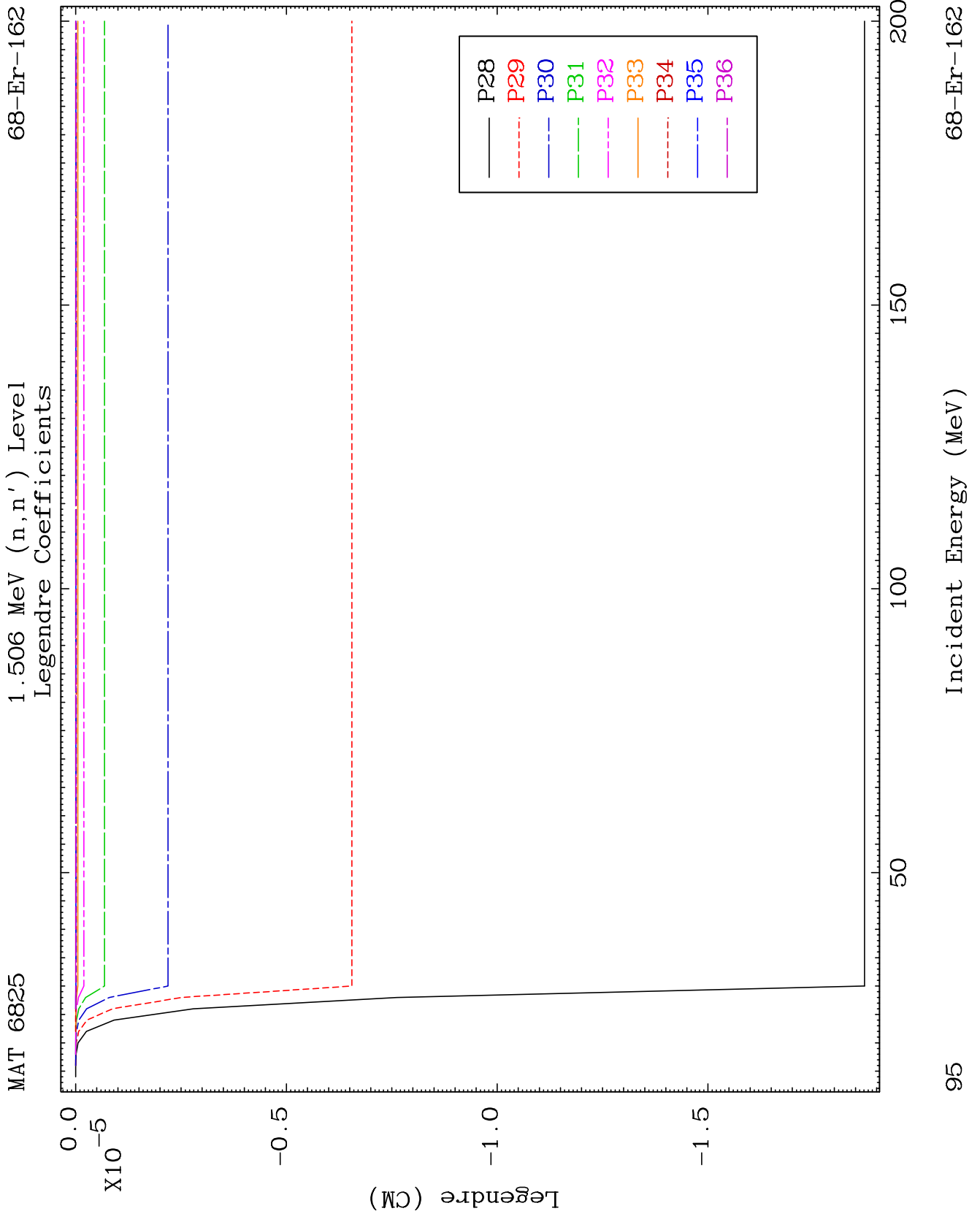


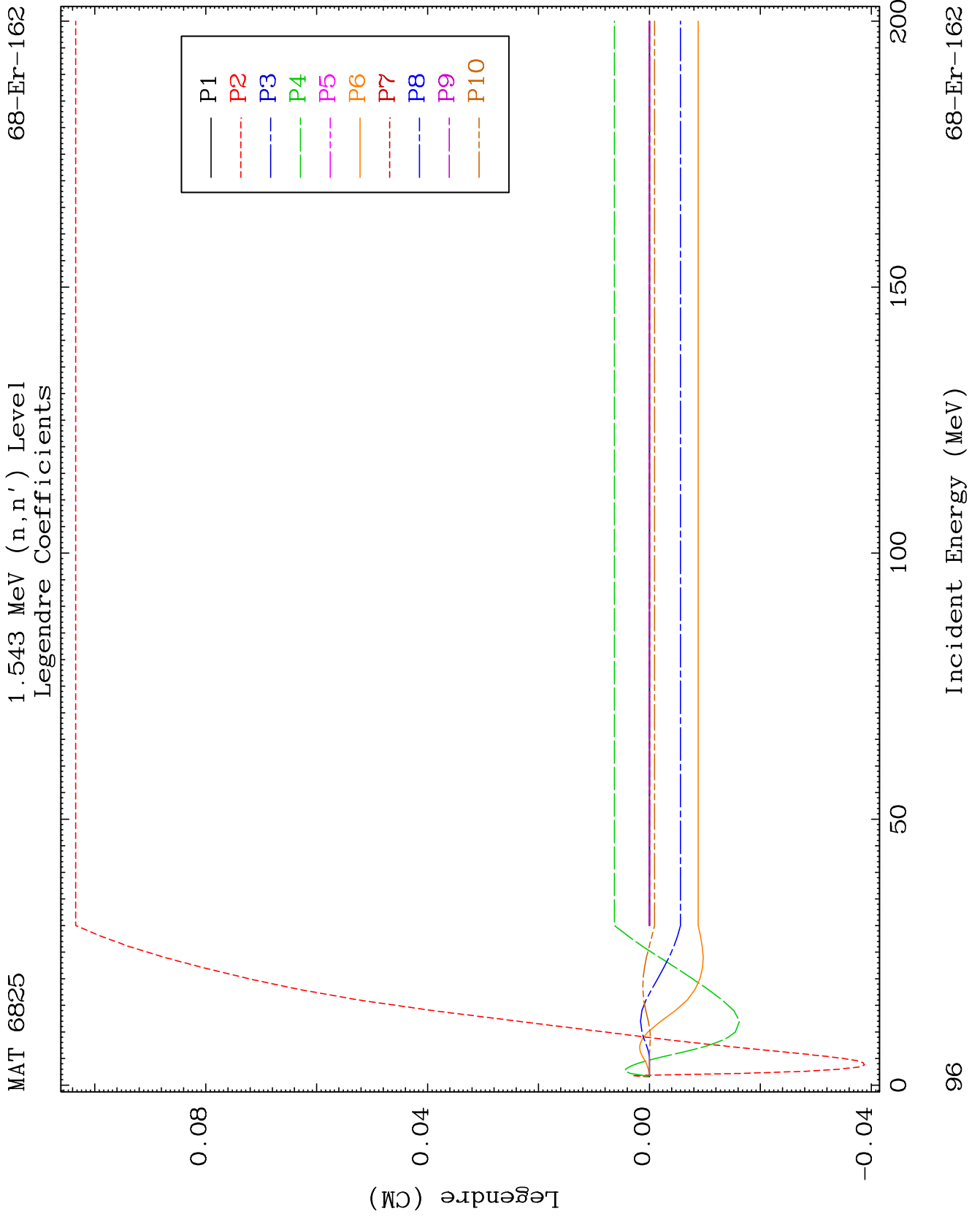
68-Er-162

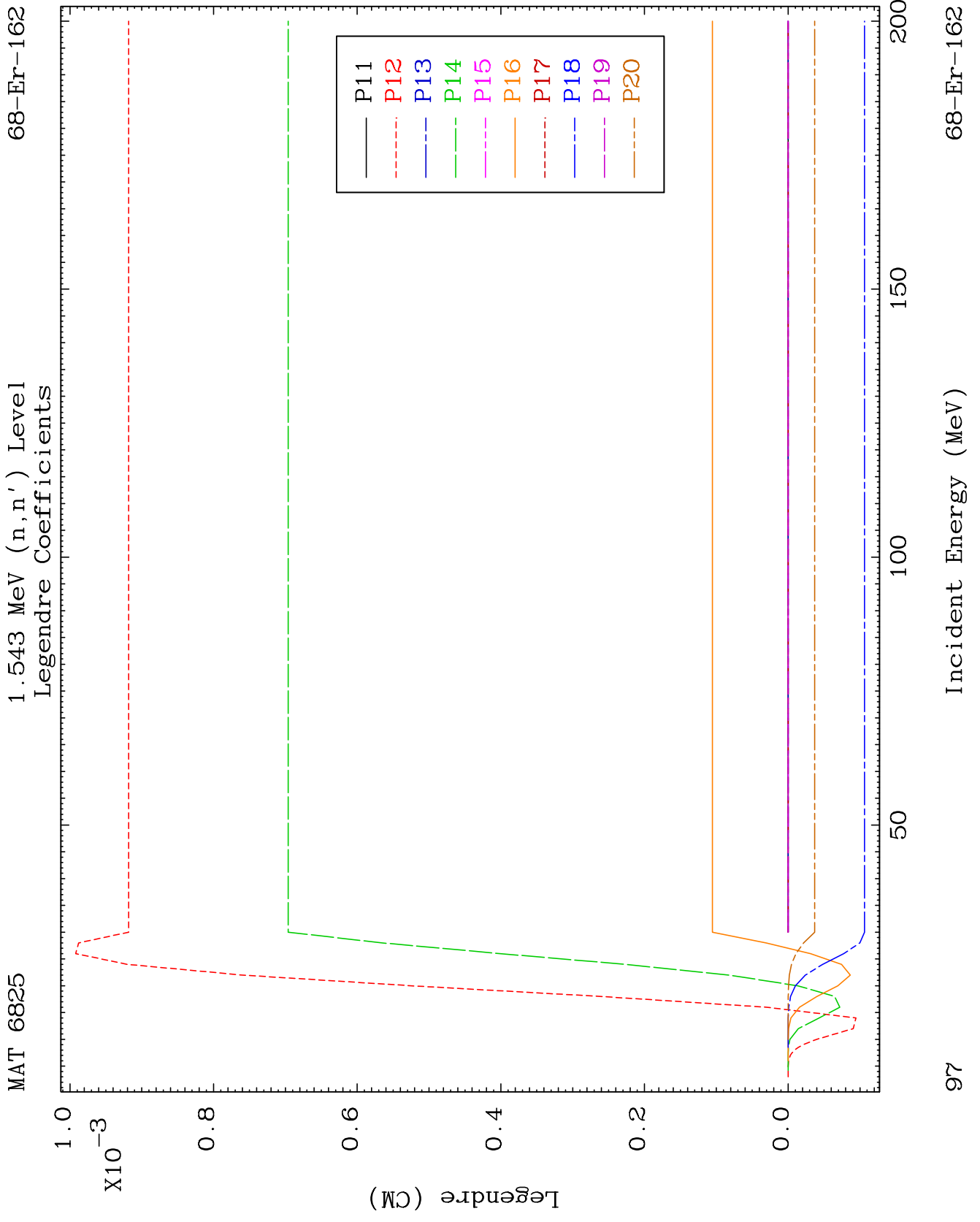
Incident Energy (MeV)

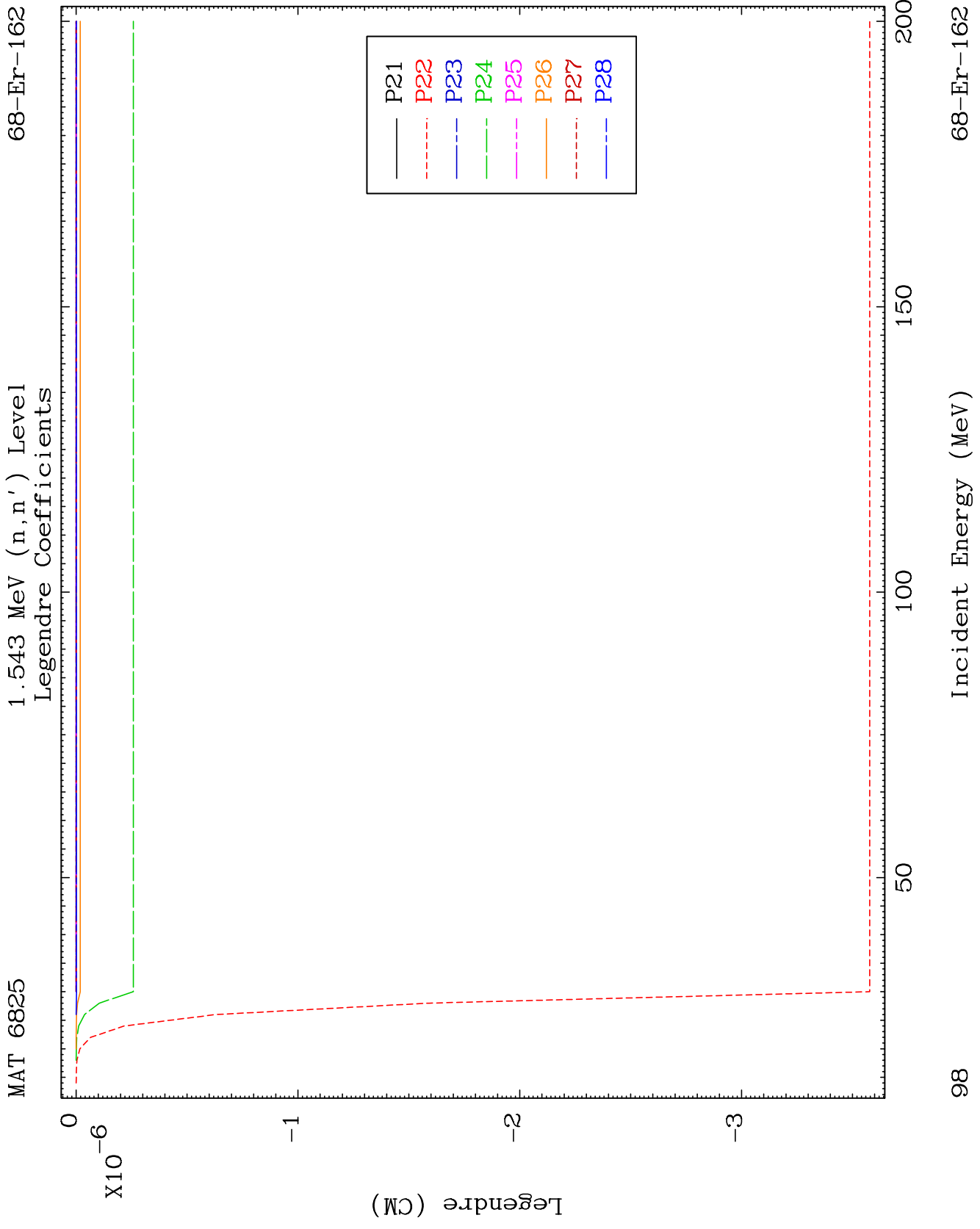
93

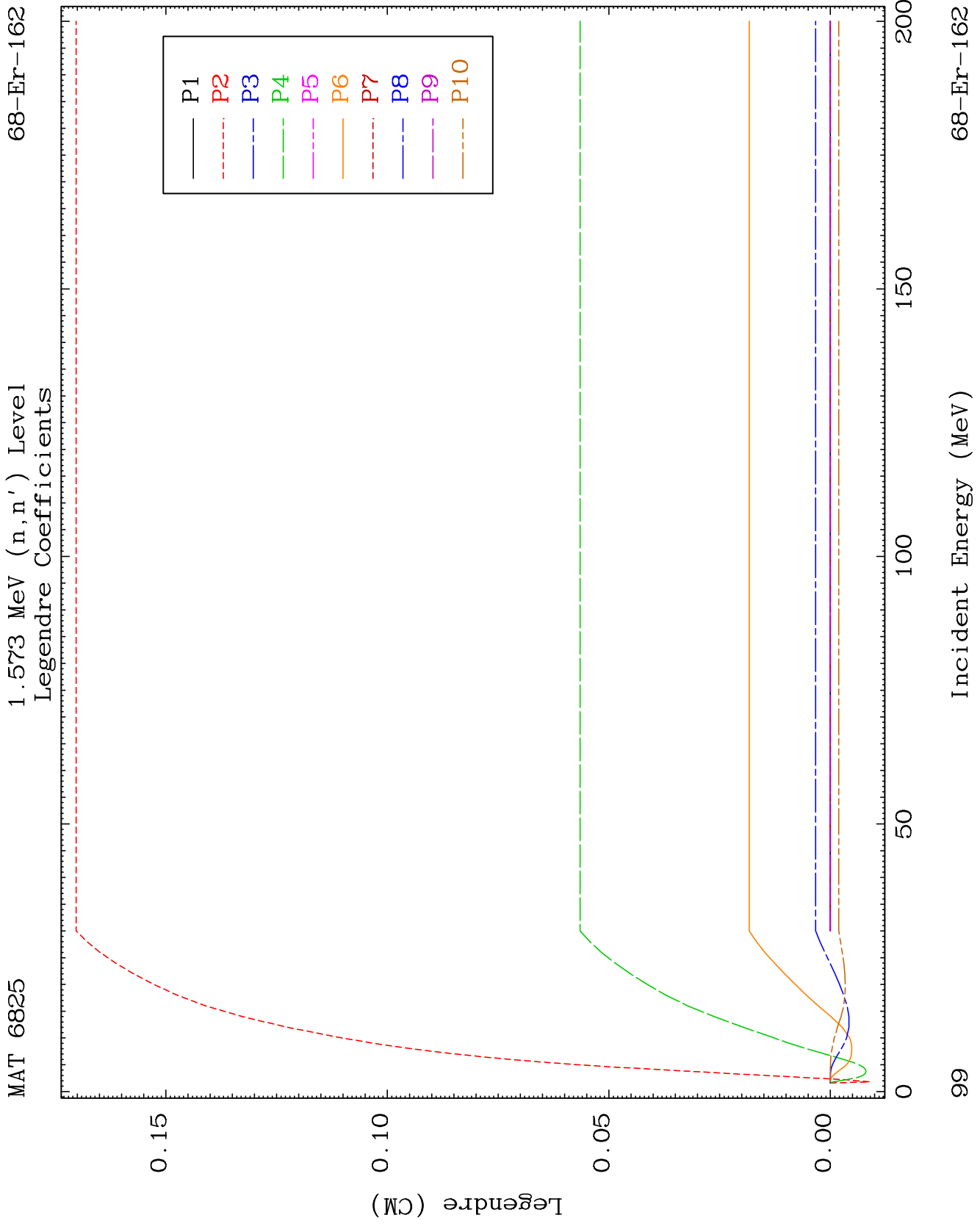








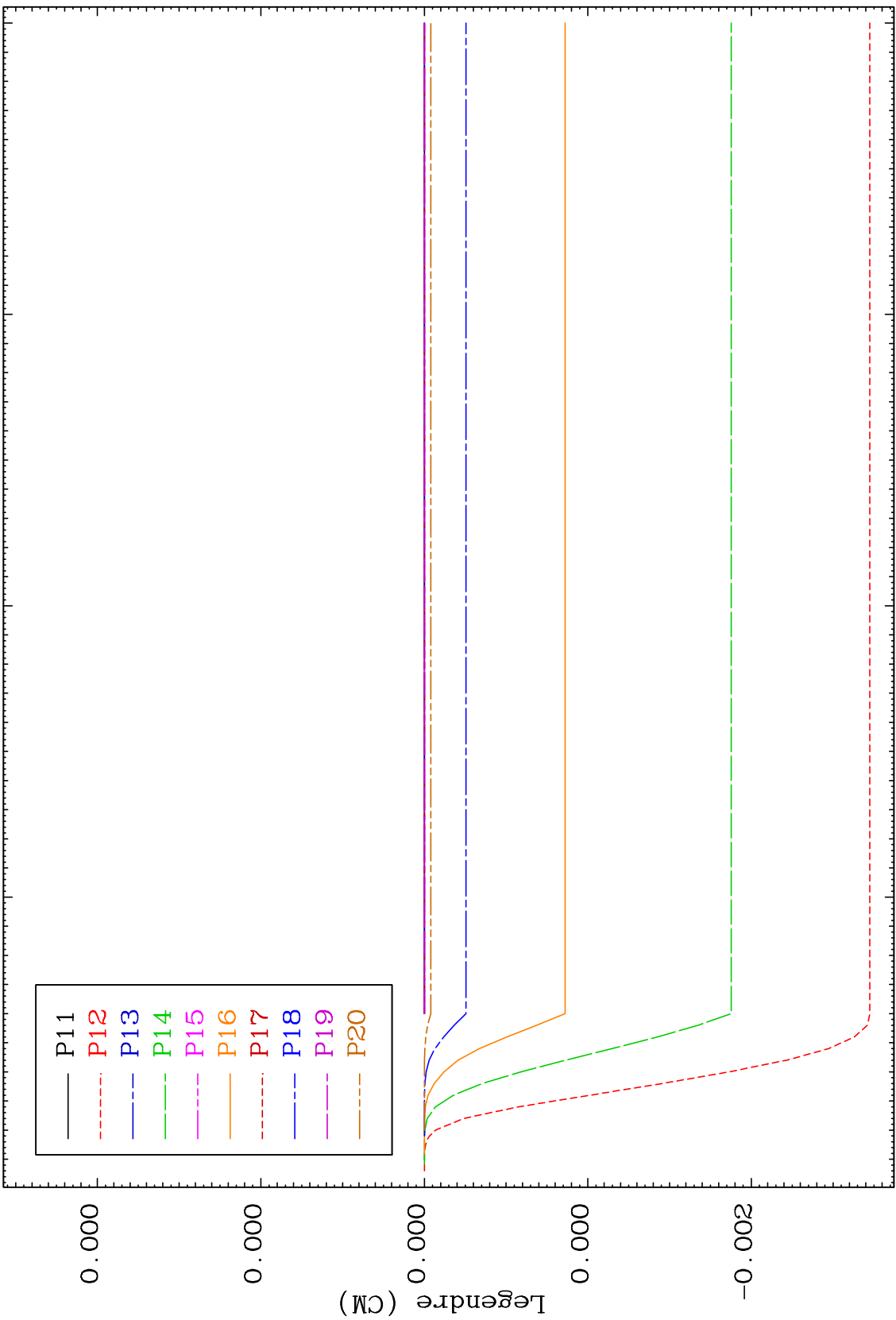




MAT 6825

1.573 MeV (n,n') Level
Legendre Coefficients

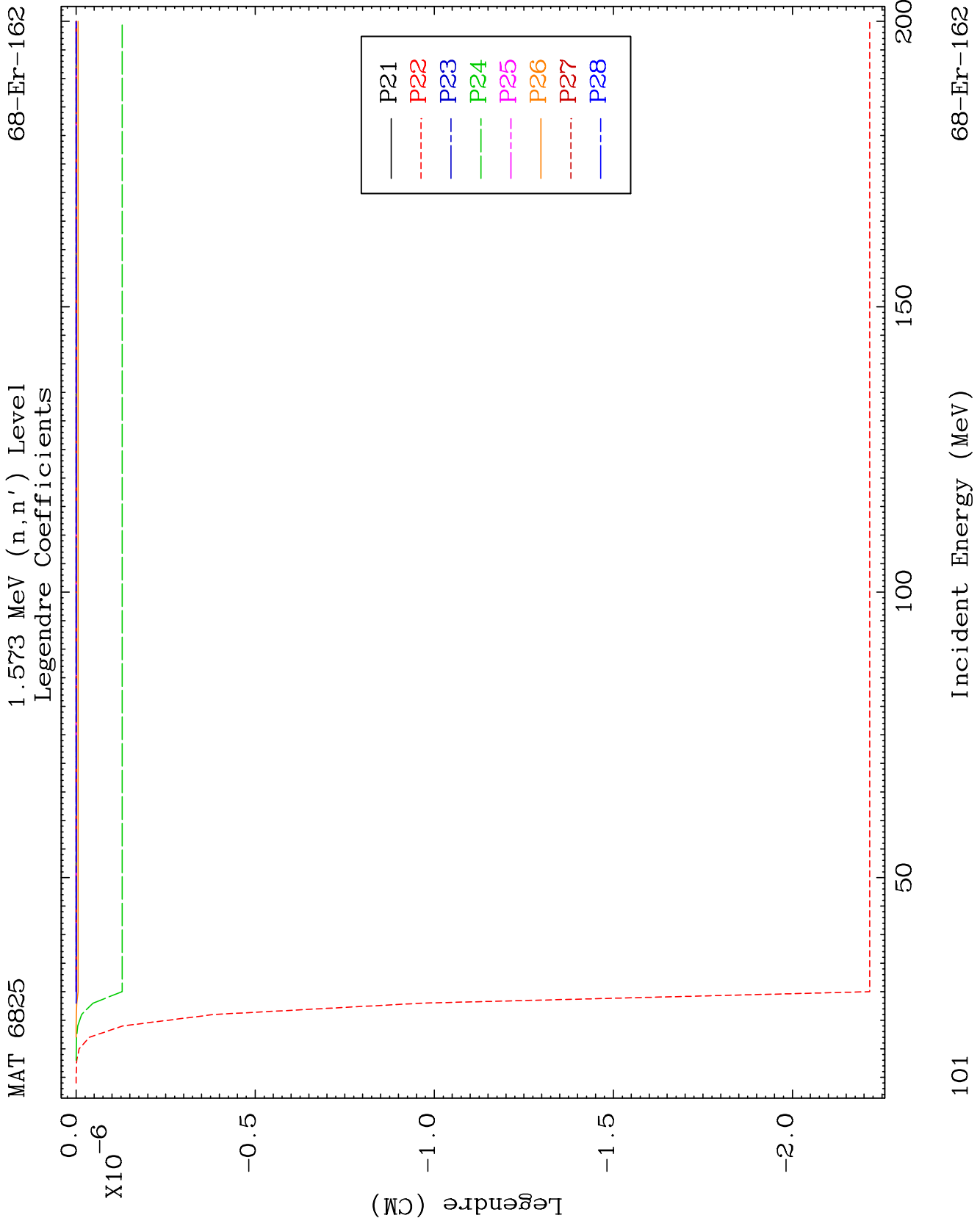
68-Er-162



100

Incident Energy (MeV)

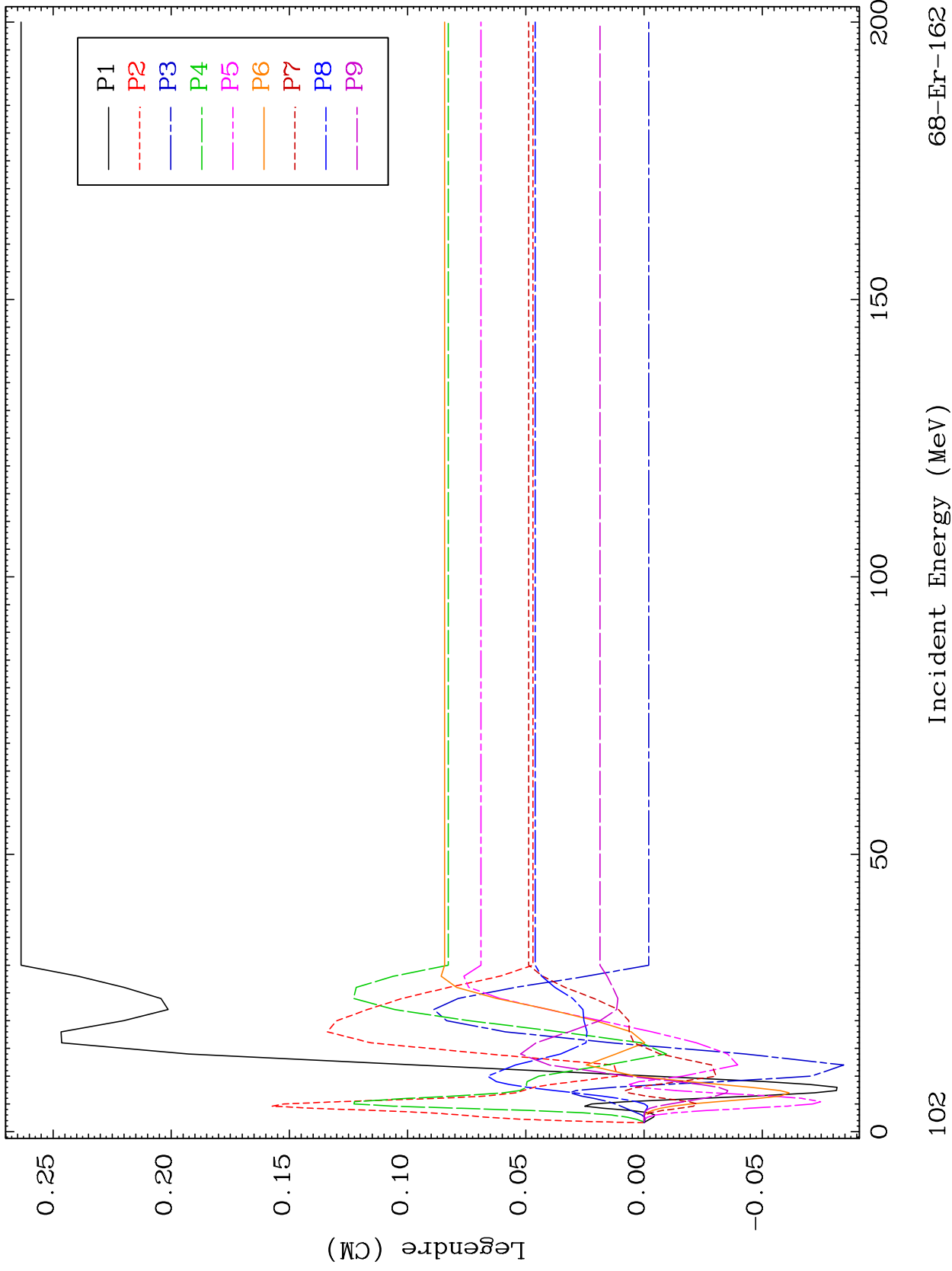
68-Er-162



MAT 6825

1.594 MeV (n,n') Level
Legendre Coefficients

68-Er-162



68-Er-162

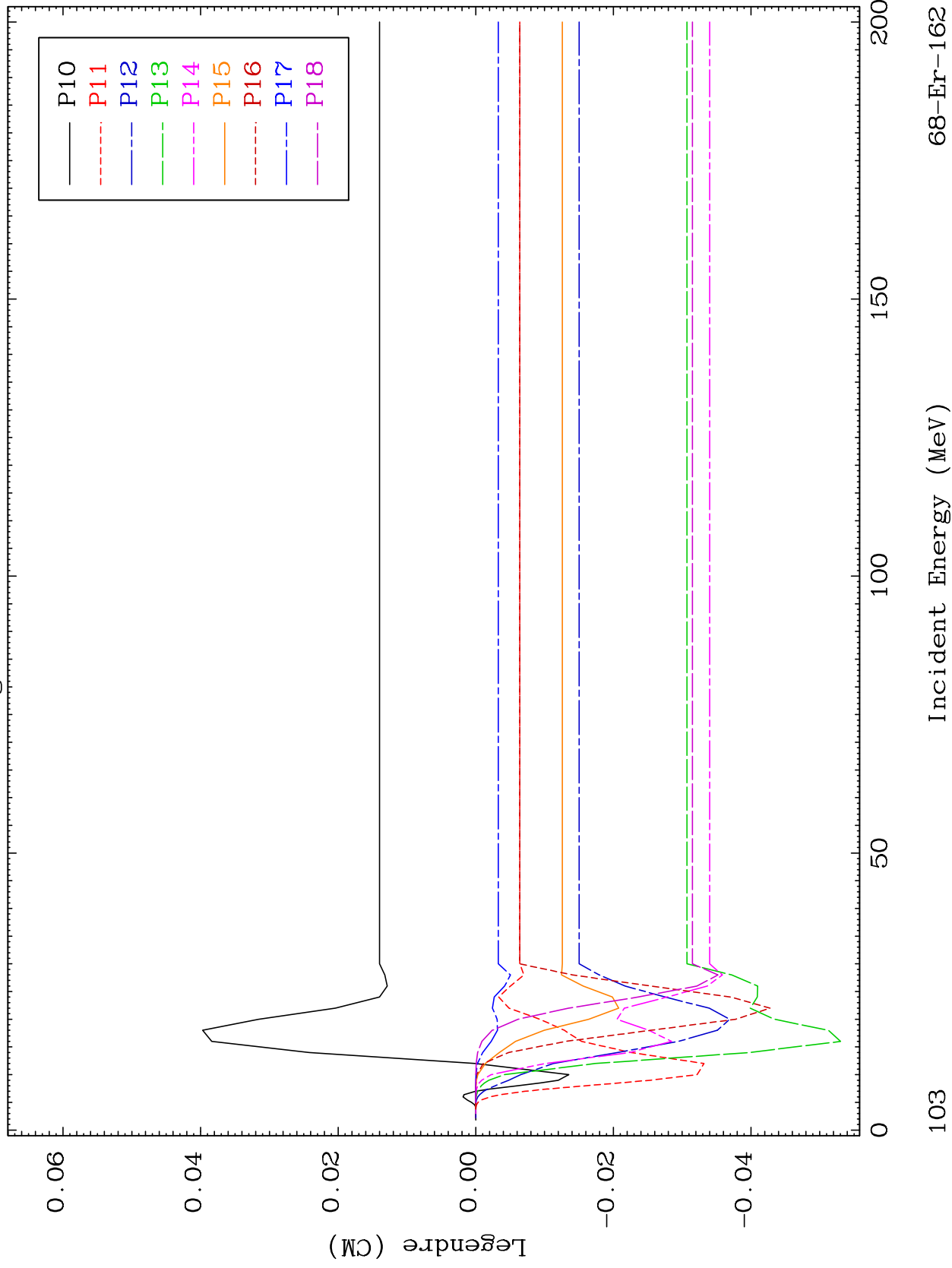
Incident Energy (MeV)

102

MAT 6825

1.594 MeV (n,n') Level
Legendre Coefficients

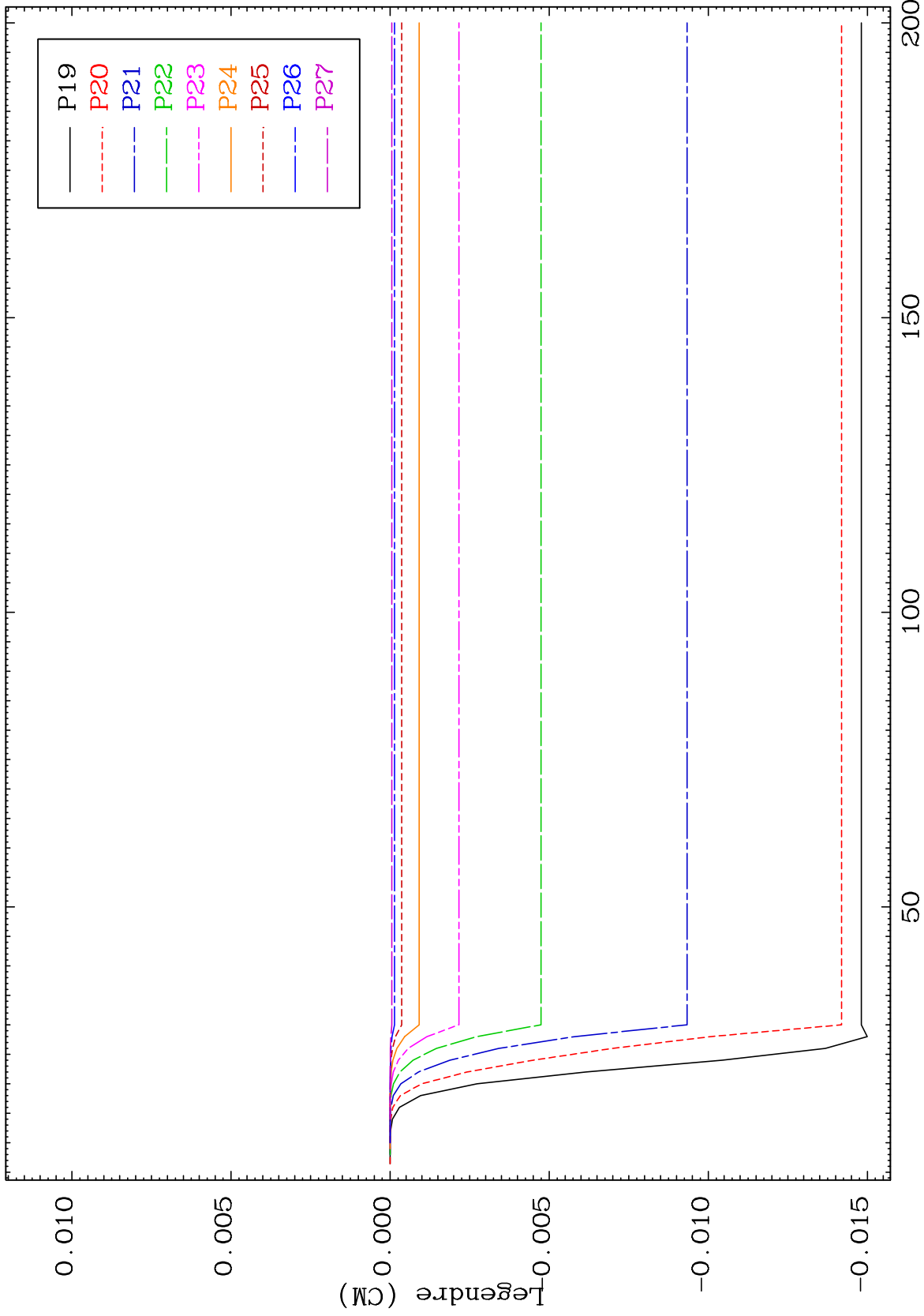
68-Er-162

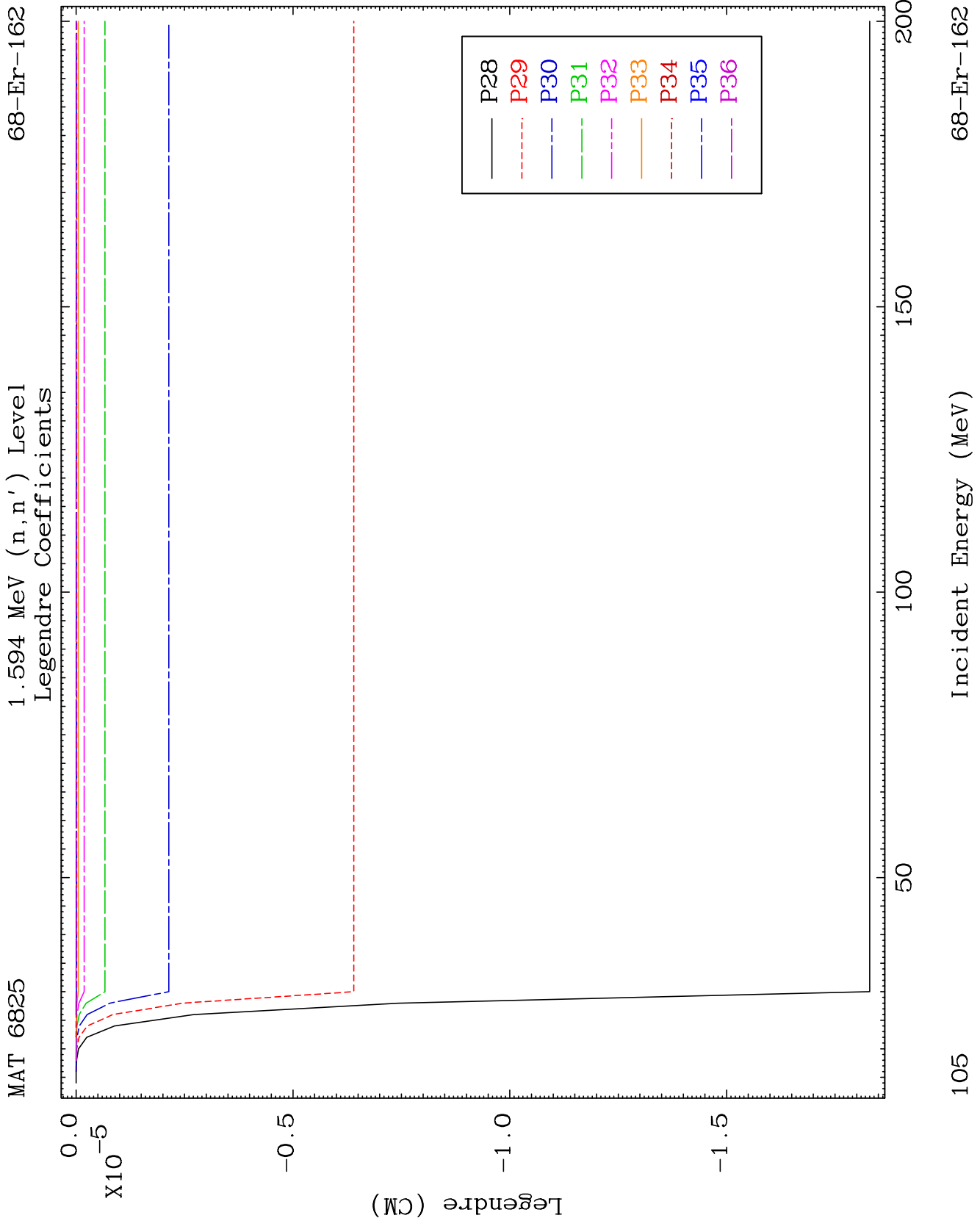


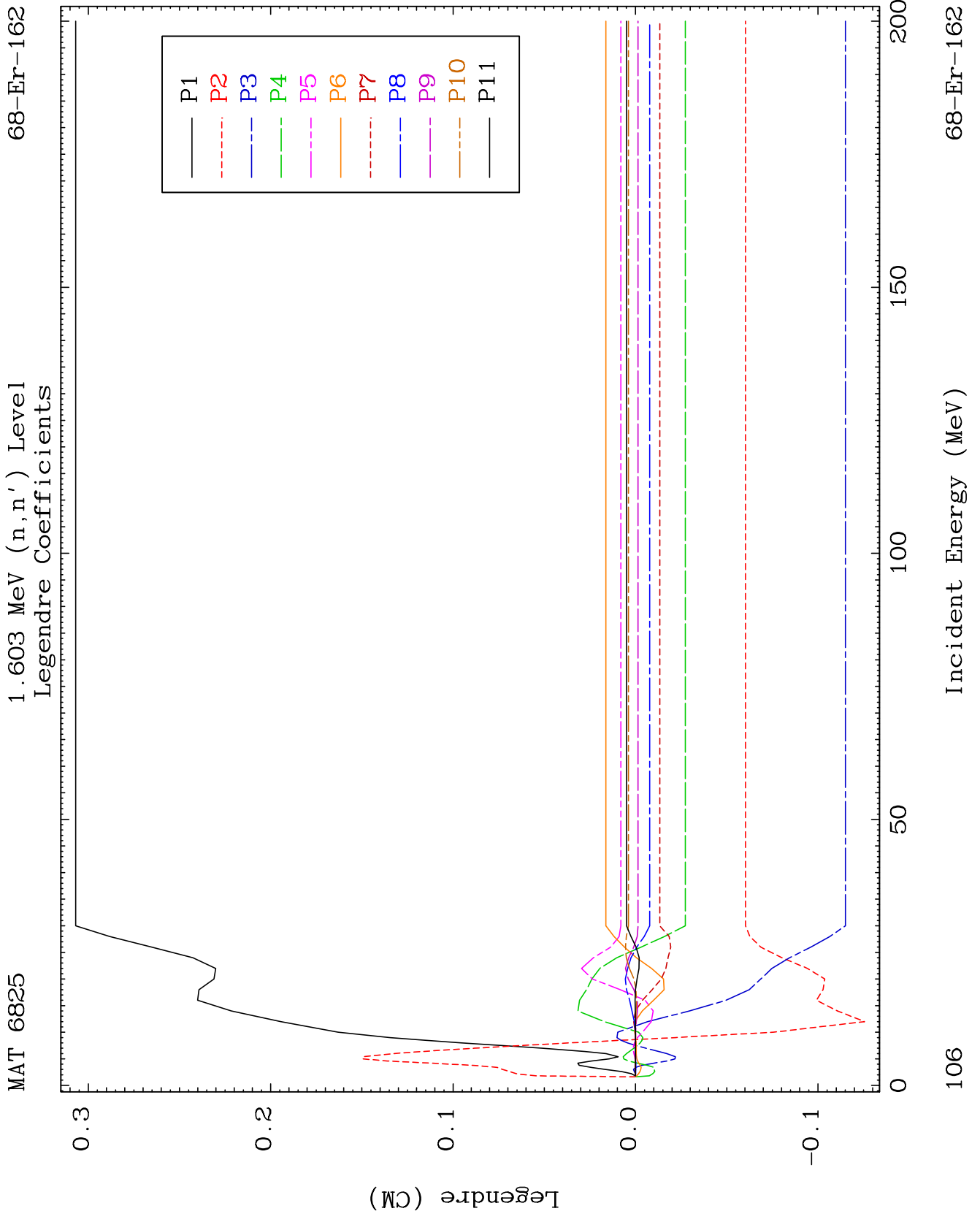
68-Er-162

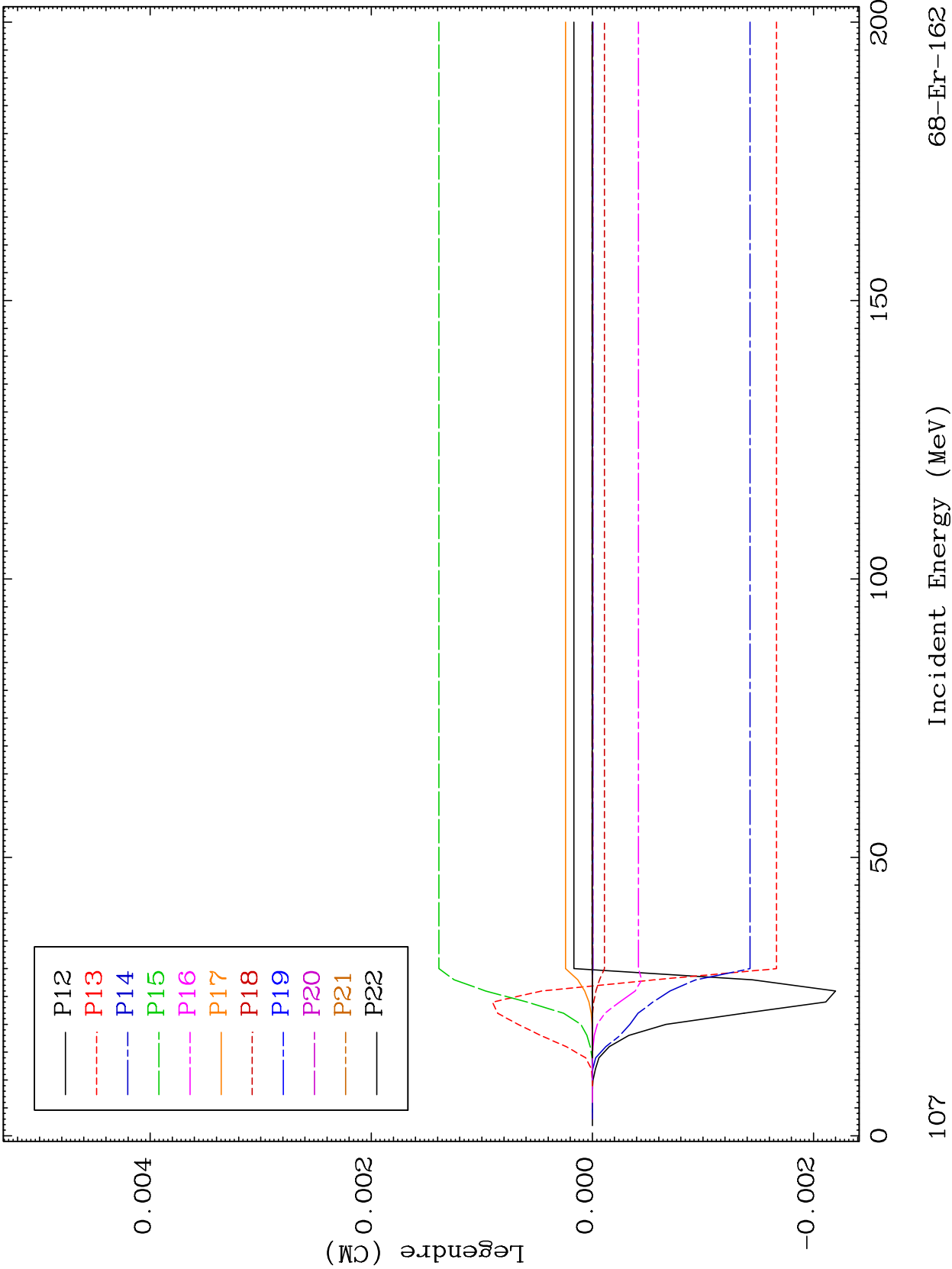
Incident Energy (MeV)

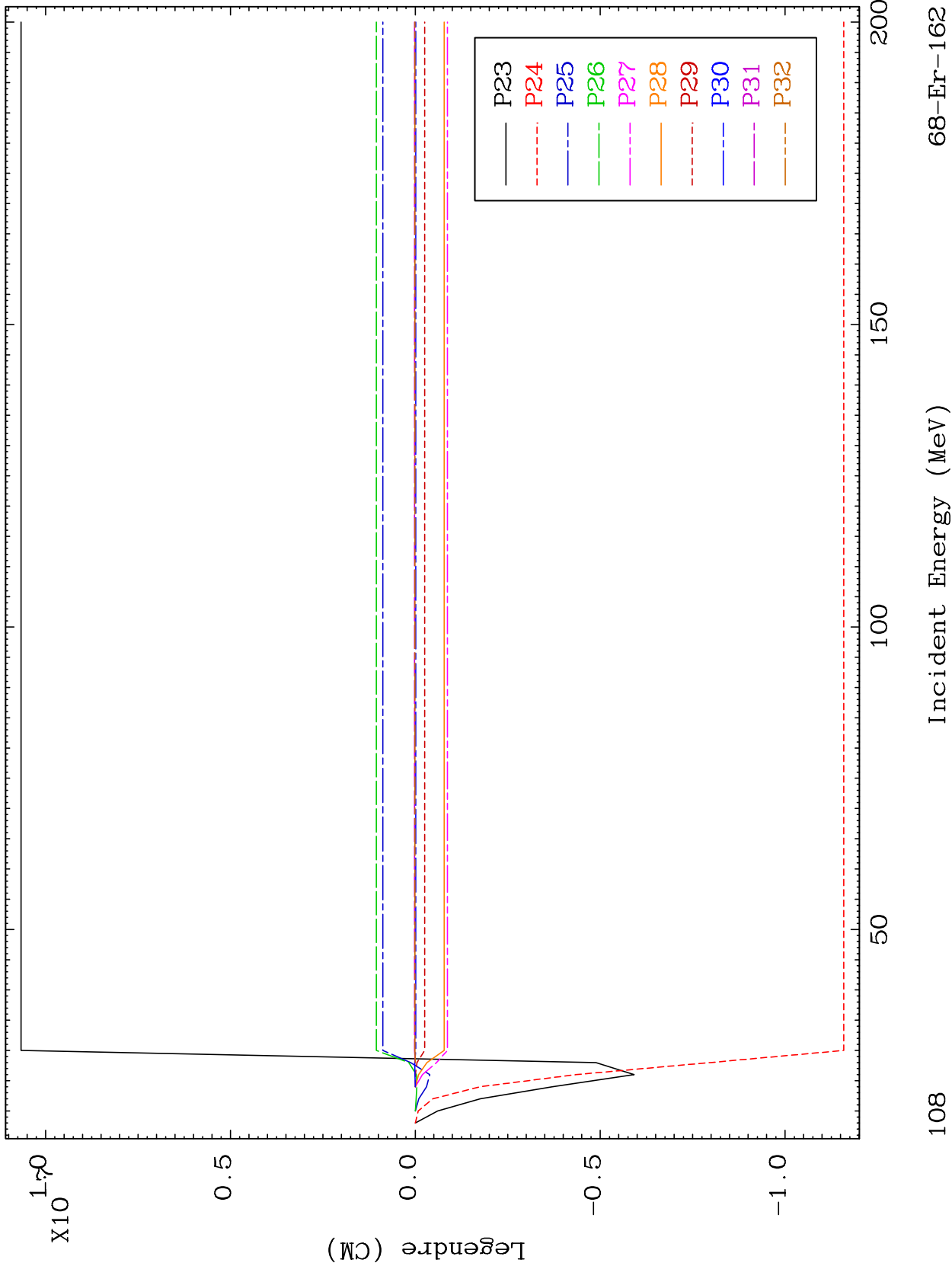
103







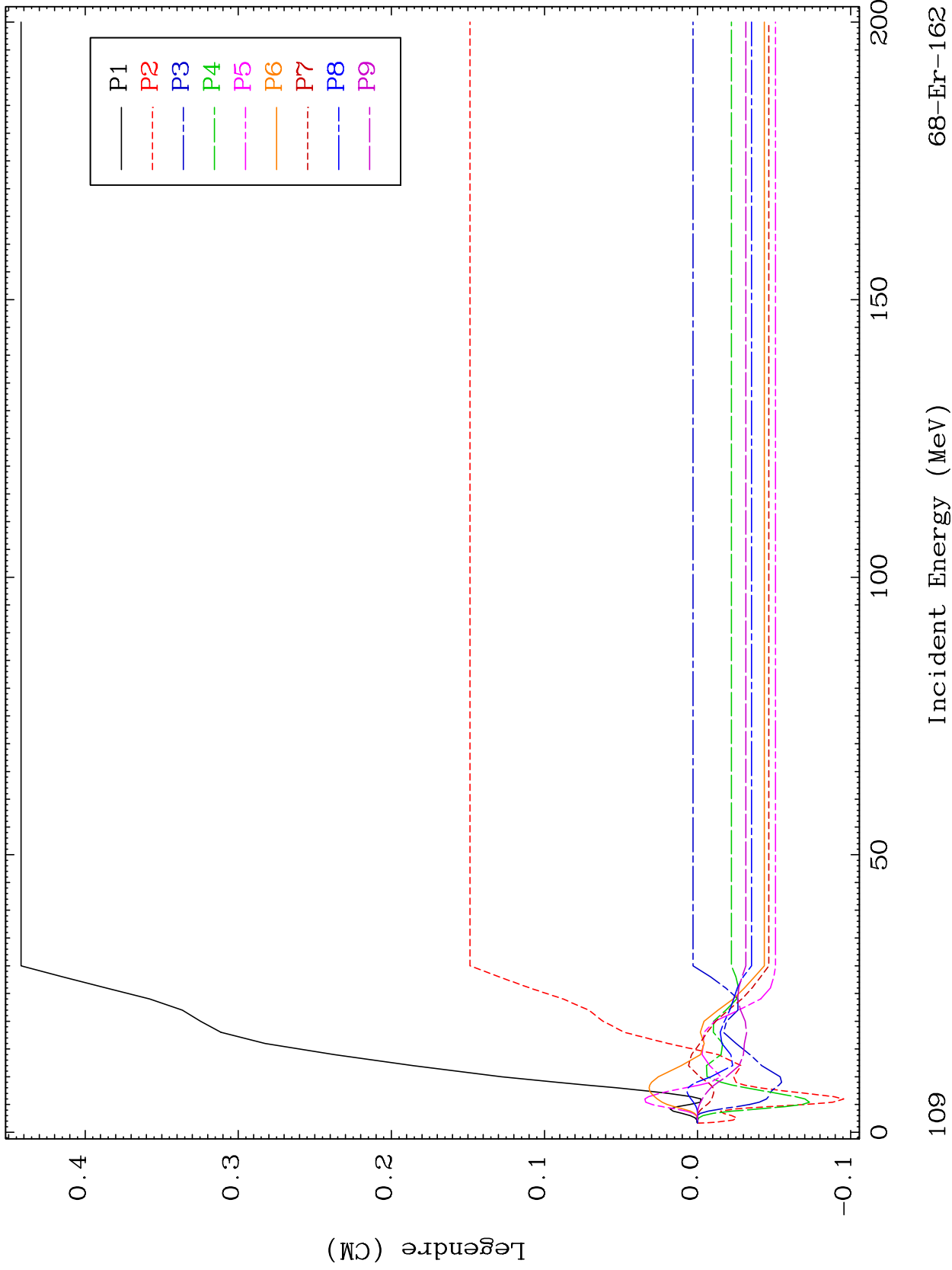




MAT 6825

1.623 MeV (n,n') Level
Legendre Coefficients

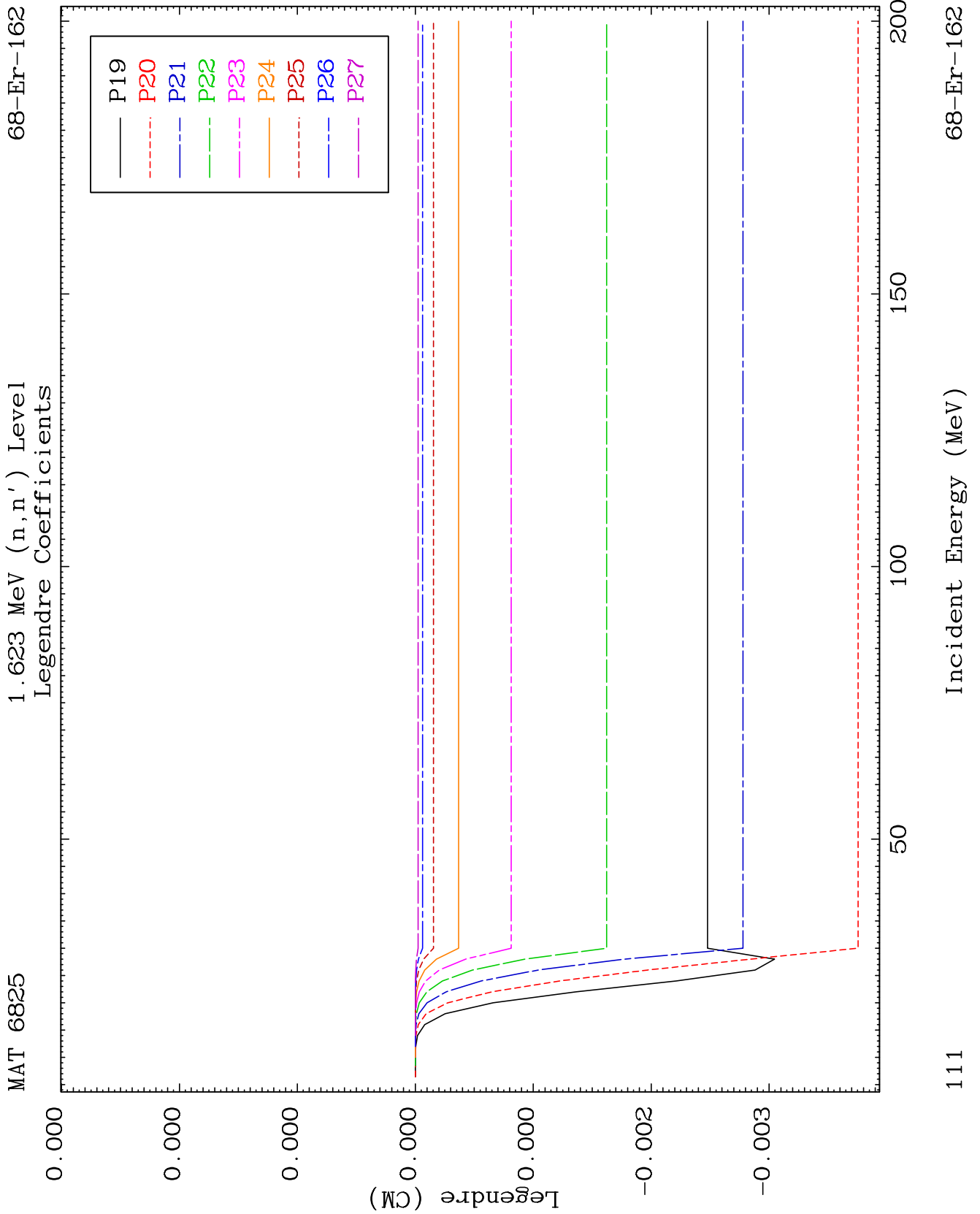
68-Er-162

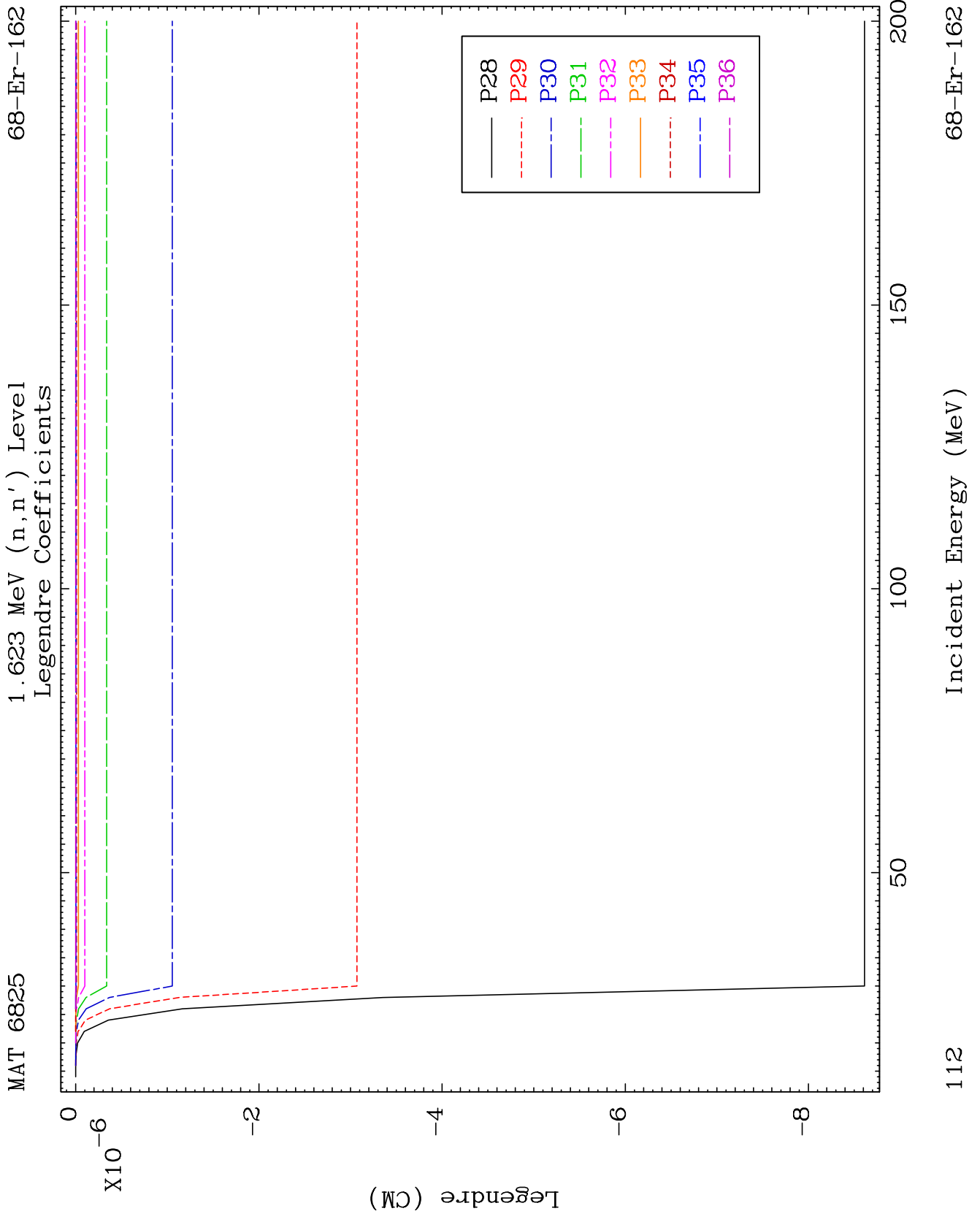


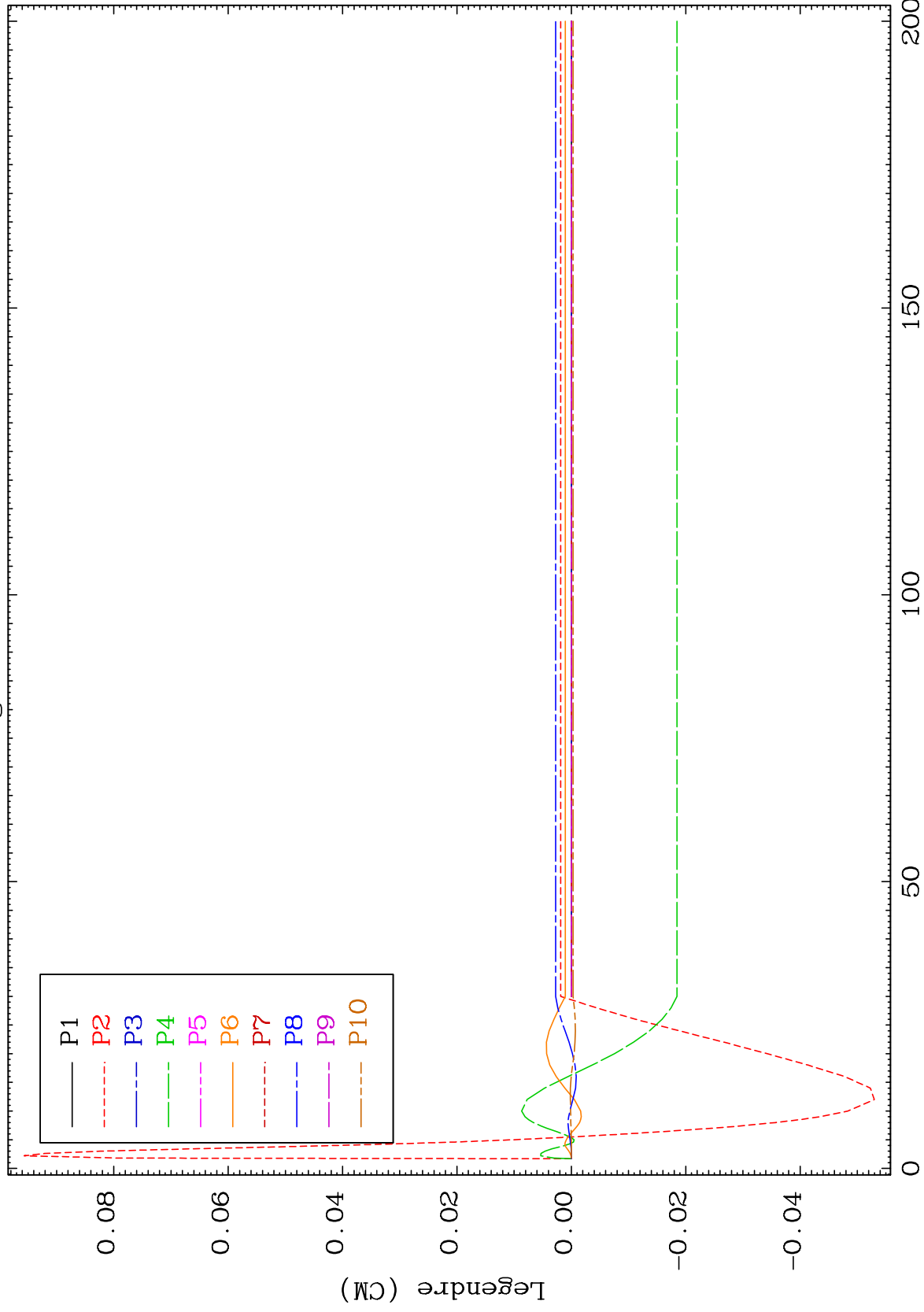
68-Er-162

Incident Energy (MeV)

109



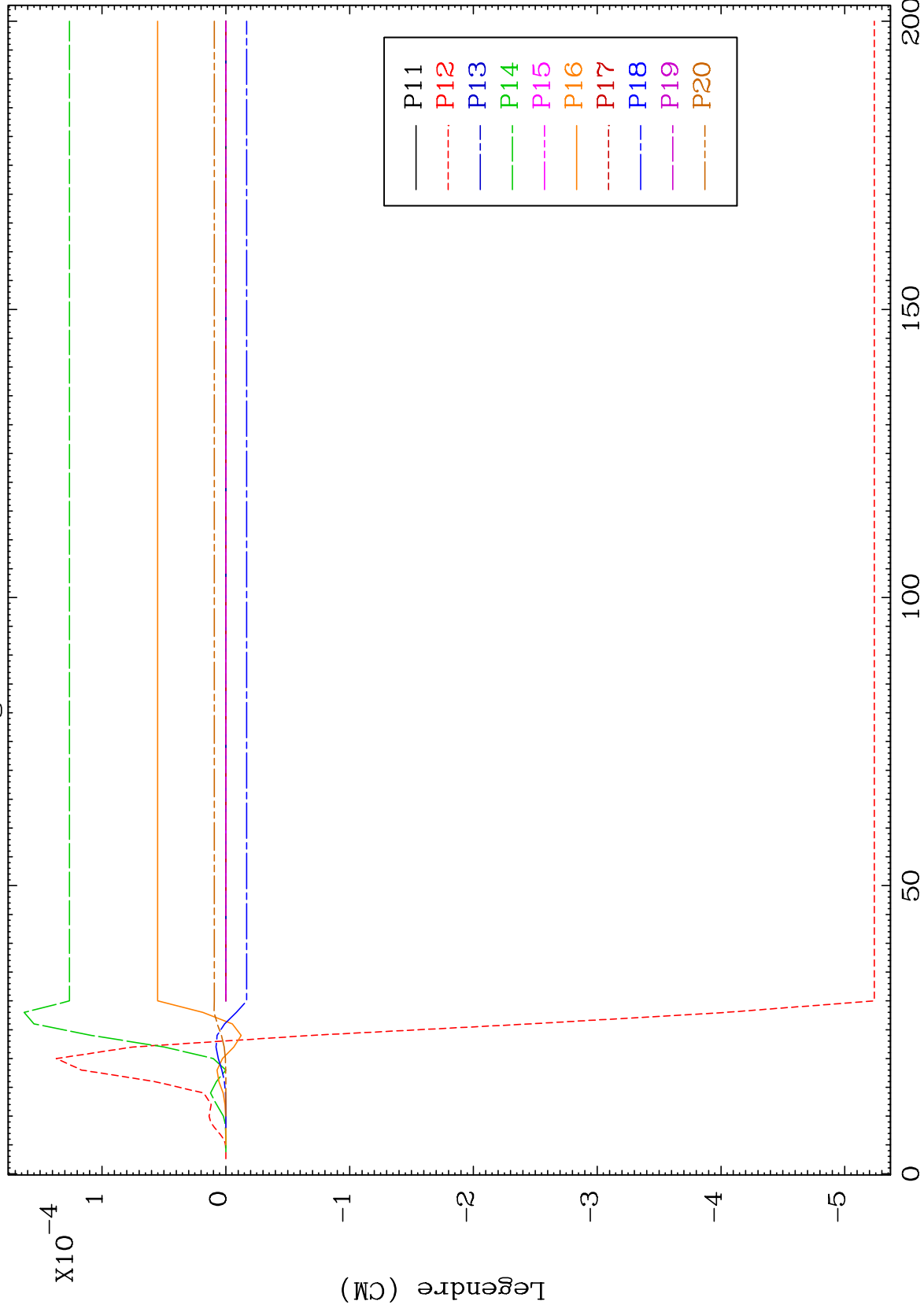




MAT 6825

1.669 MeV (n,n') Level
Legendre Coefficients

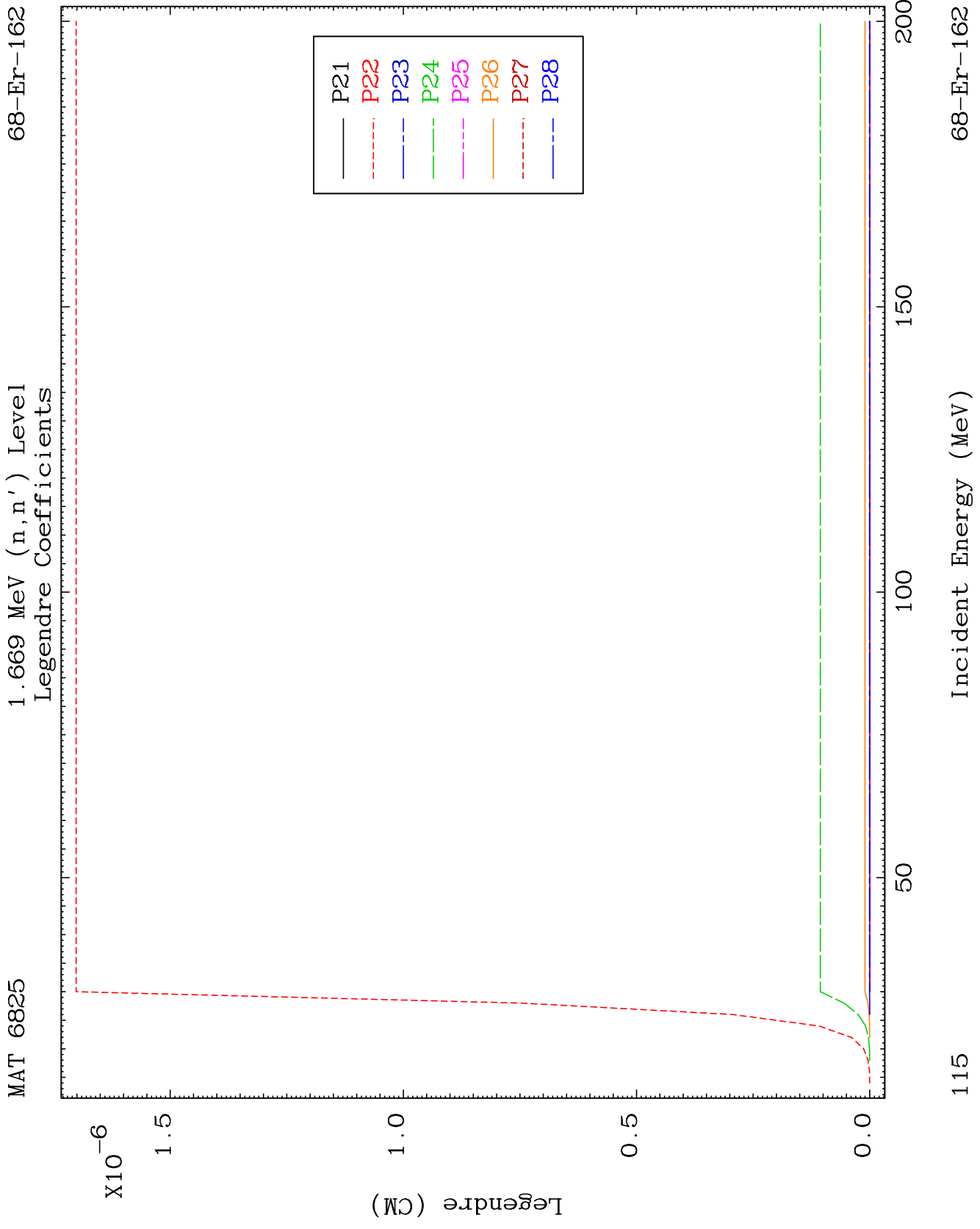
68-Er-162

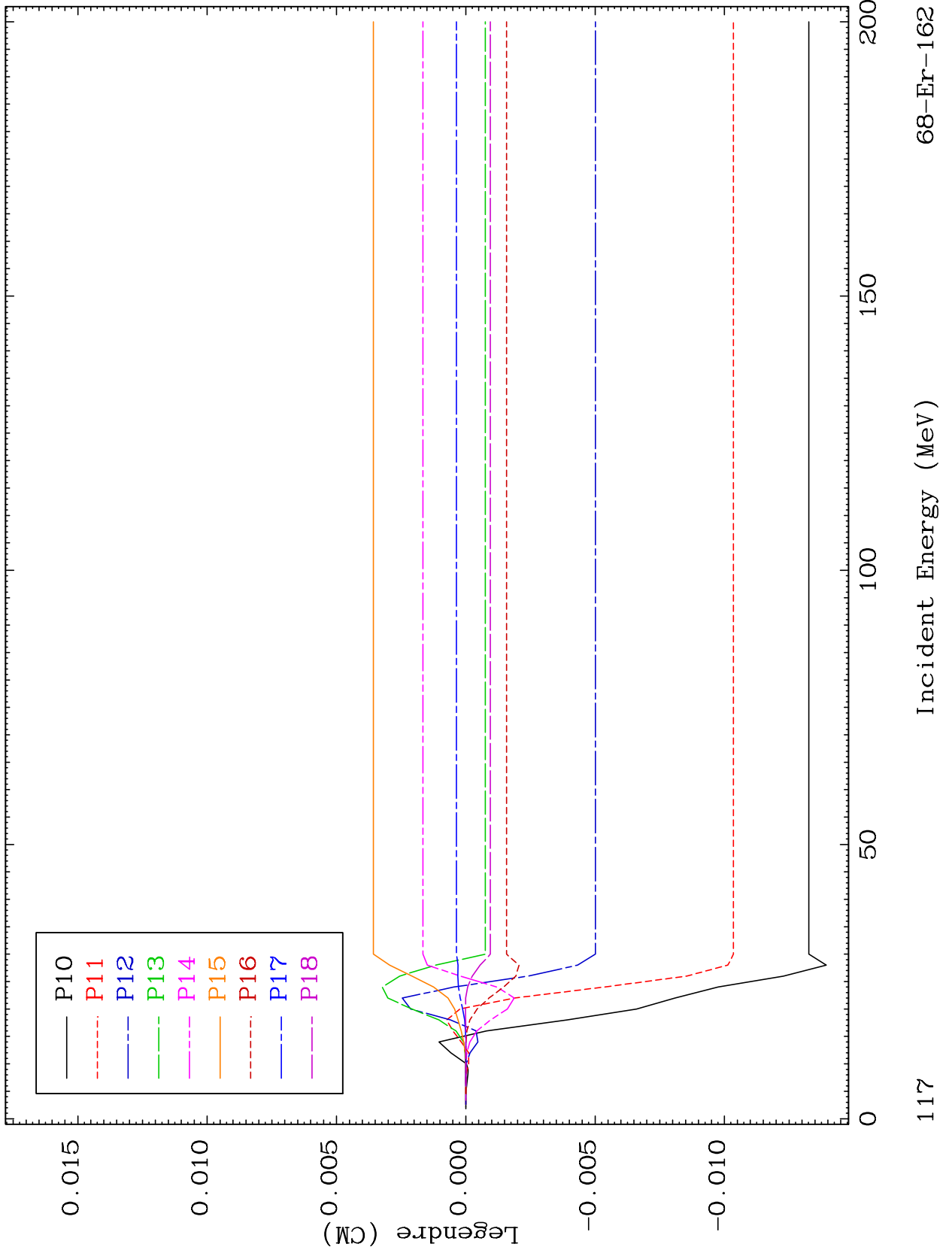


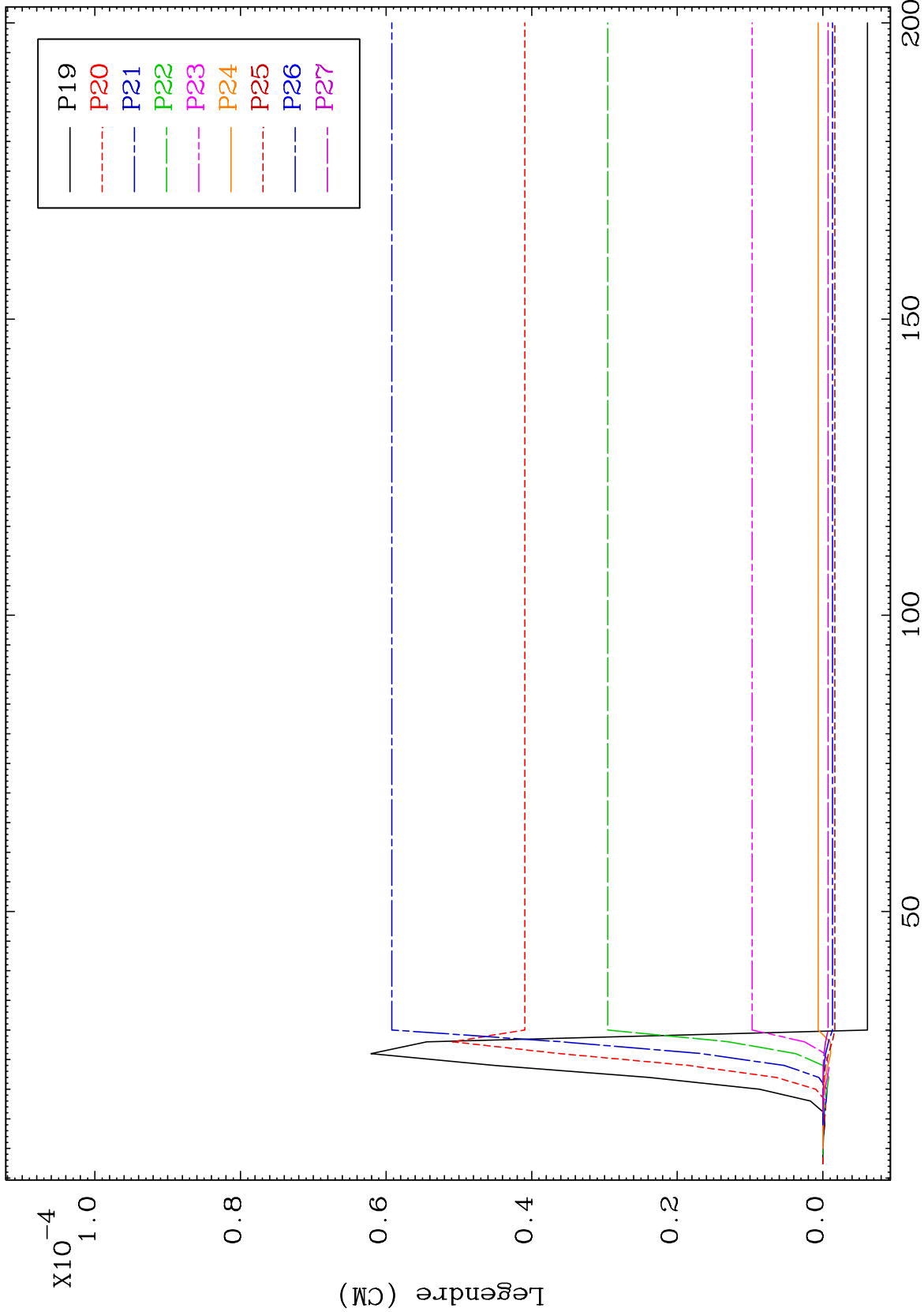
114

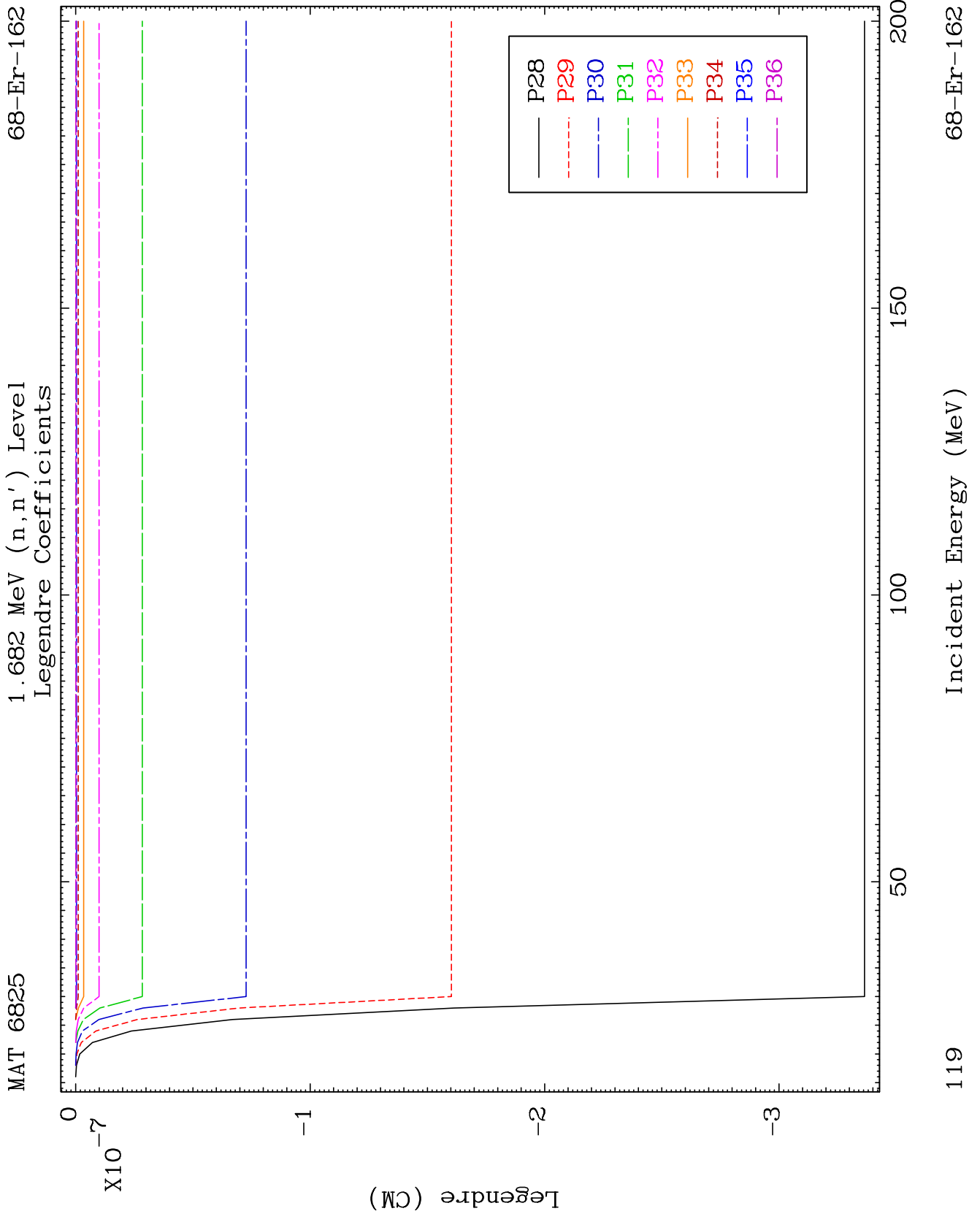
Incident Energy (MeV)

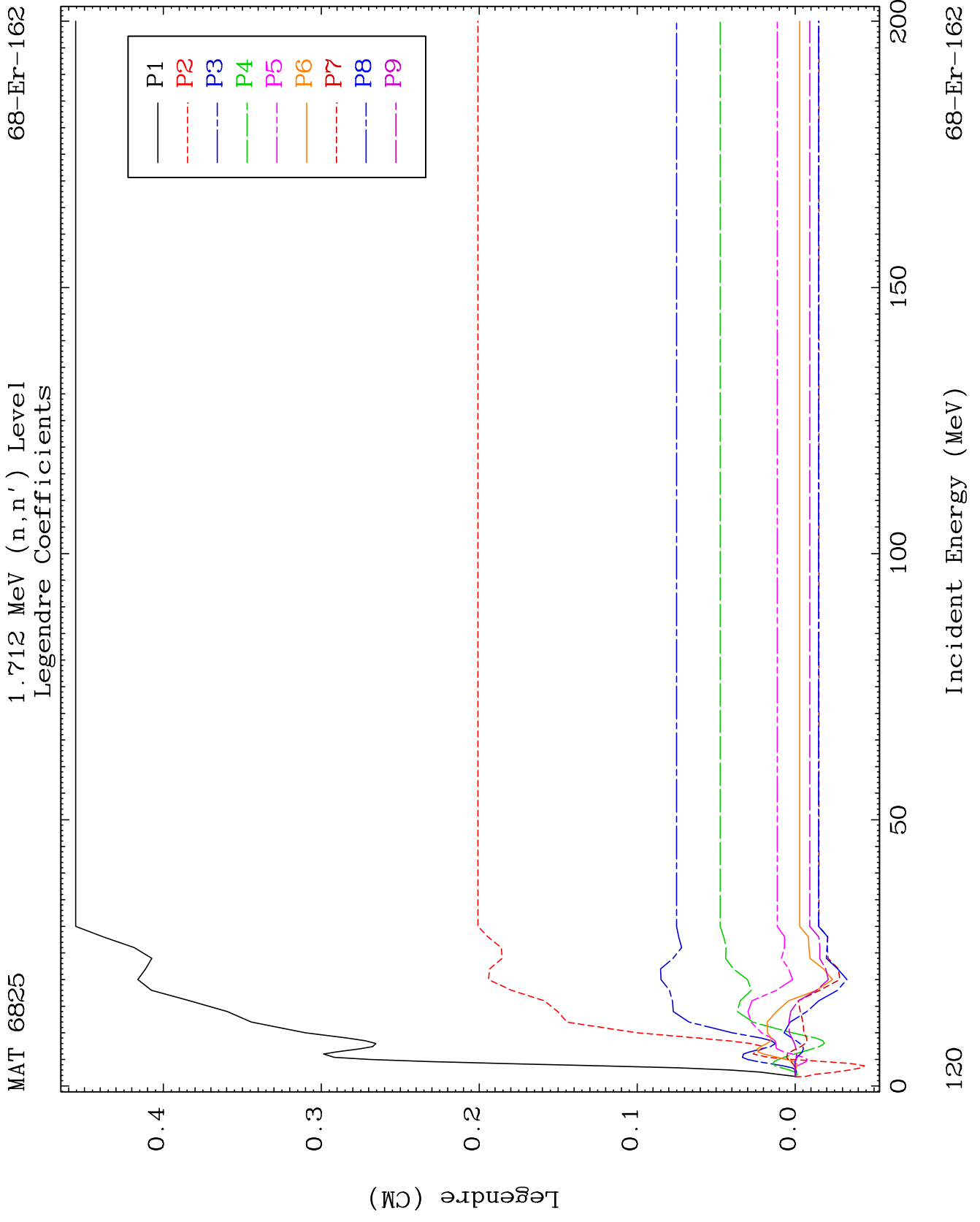
68-Er-162







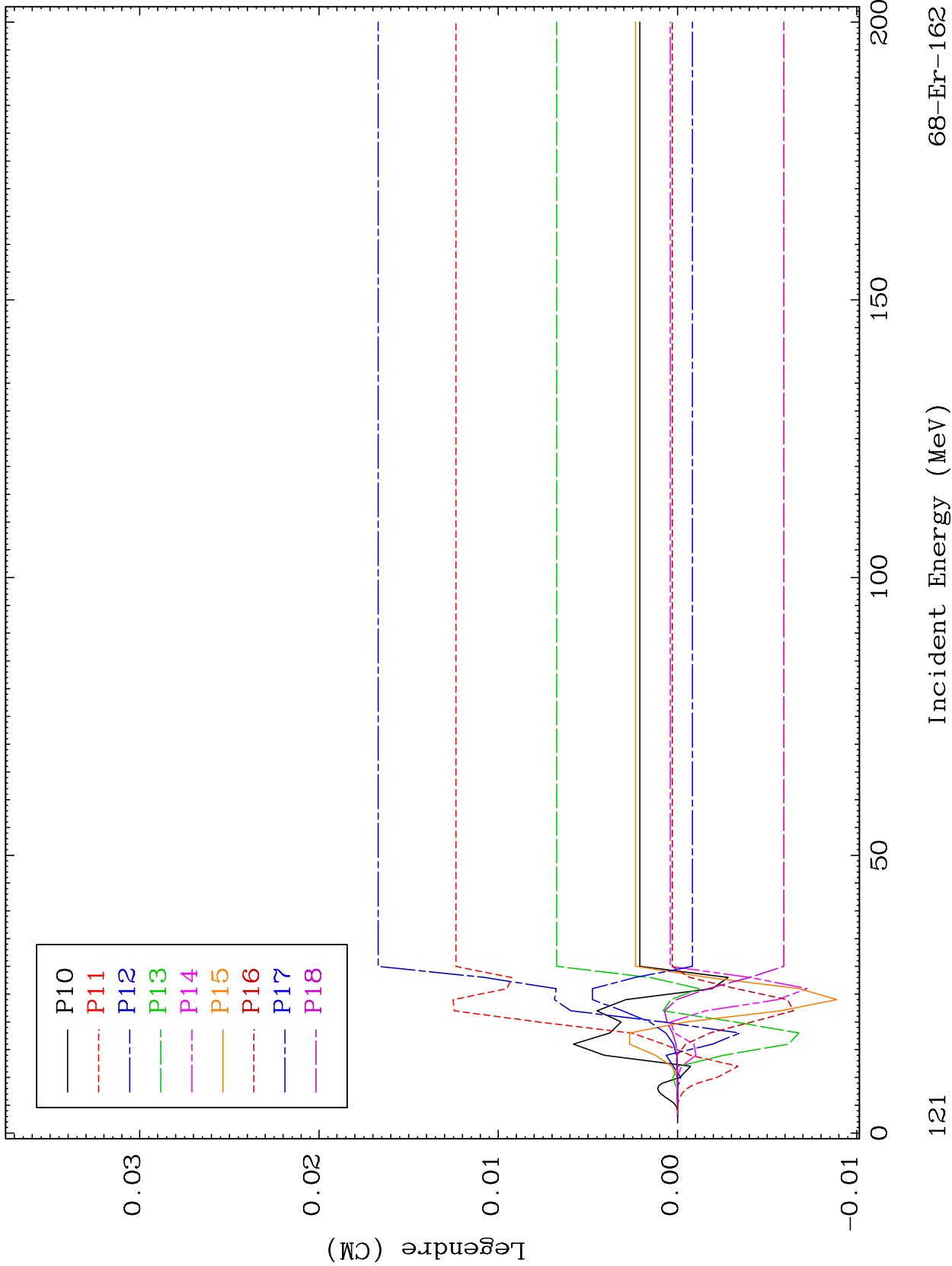




MAT 6825

1.712 MeV (n,n') Level
Legendre Coefficients

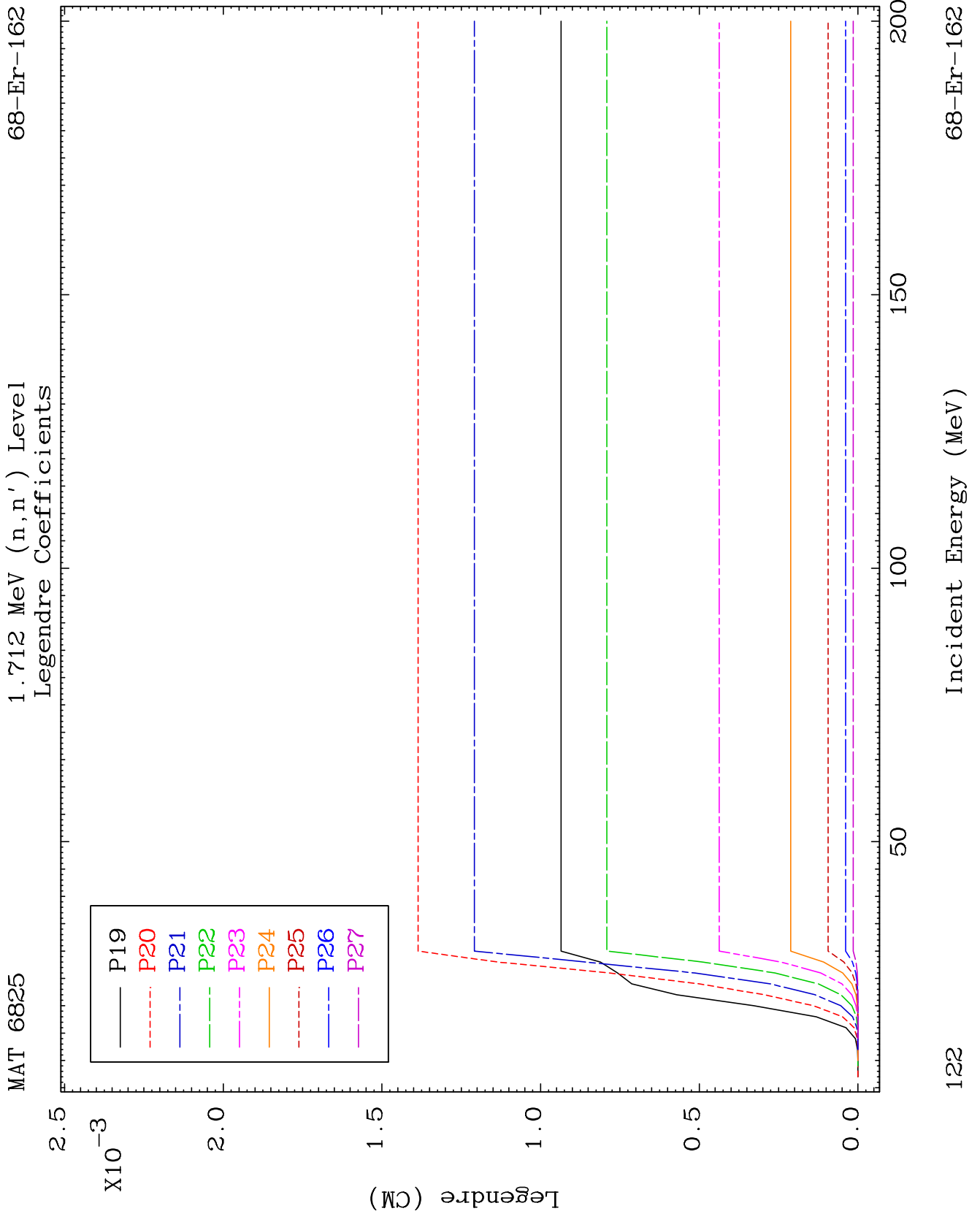
68-Er-162



68-Er-162

Incident Energy (MeV)

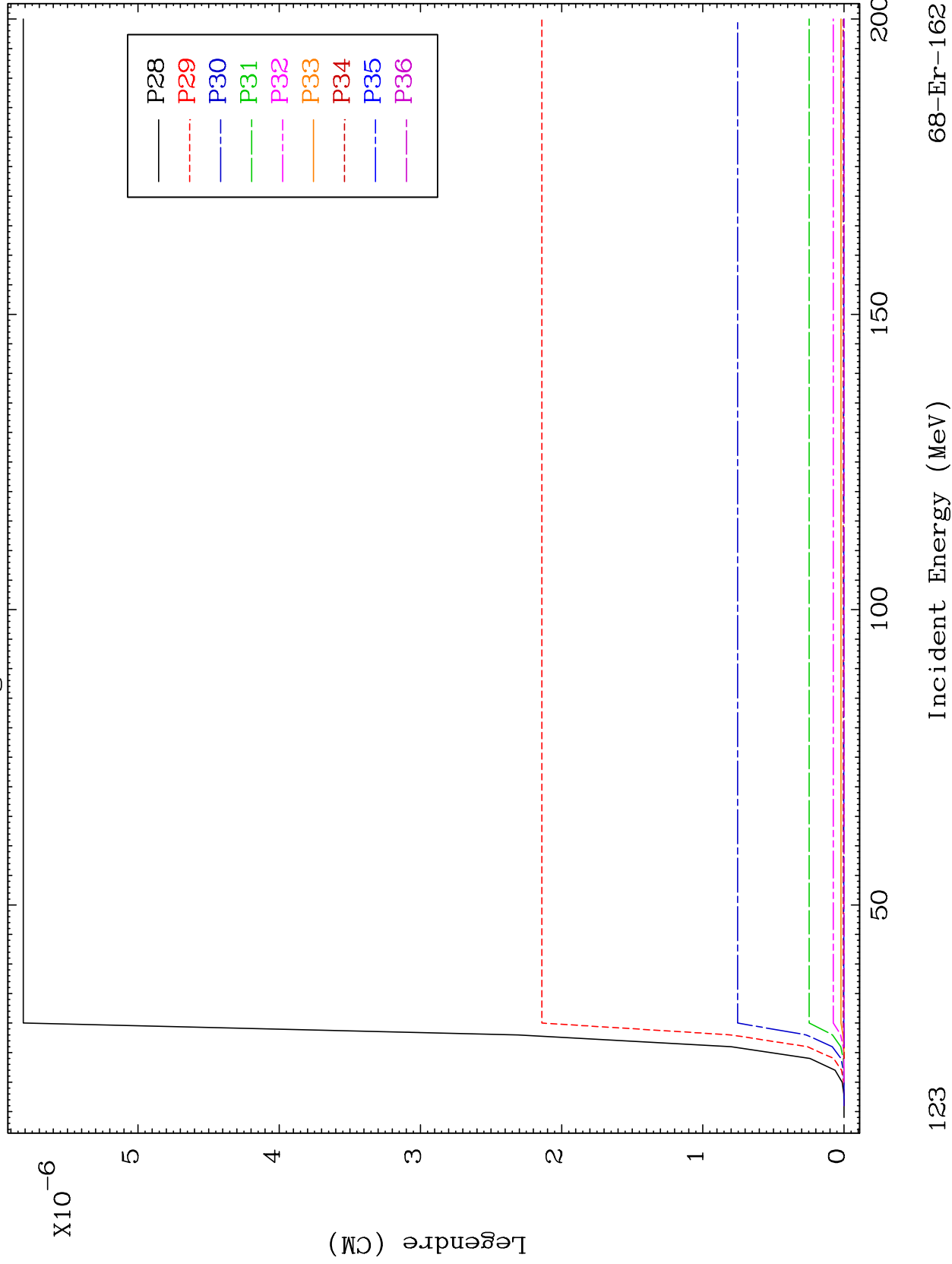
121



MAT 6825

1.712 MeV (n,n') Level
Legendre Coefficients

68-Er-162

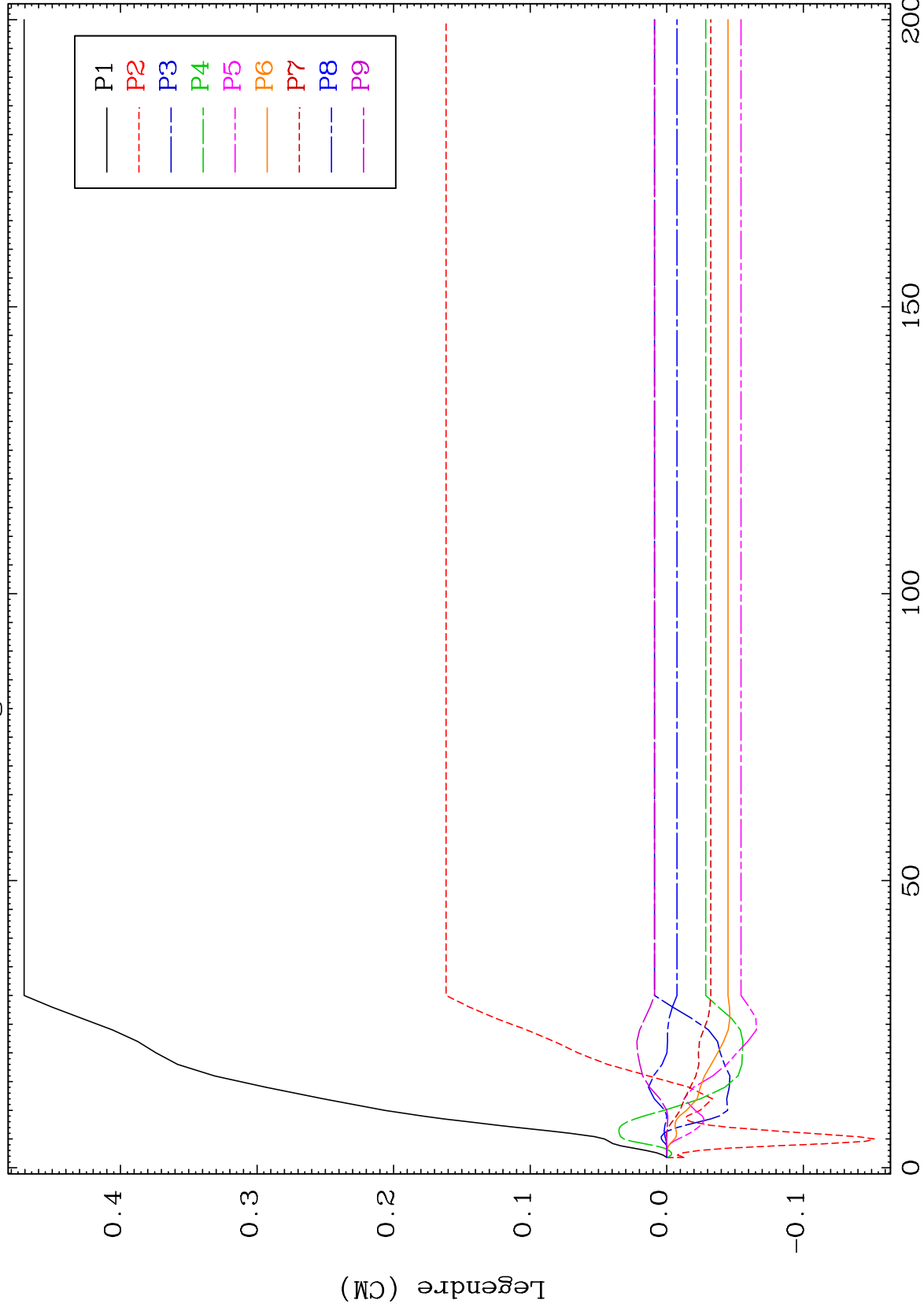


123

MAT 6825

1.730 MeV (n,n') Level
Legendre Coefficients

68-Er-162



124

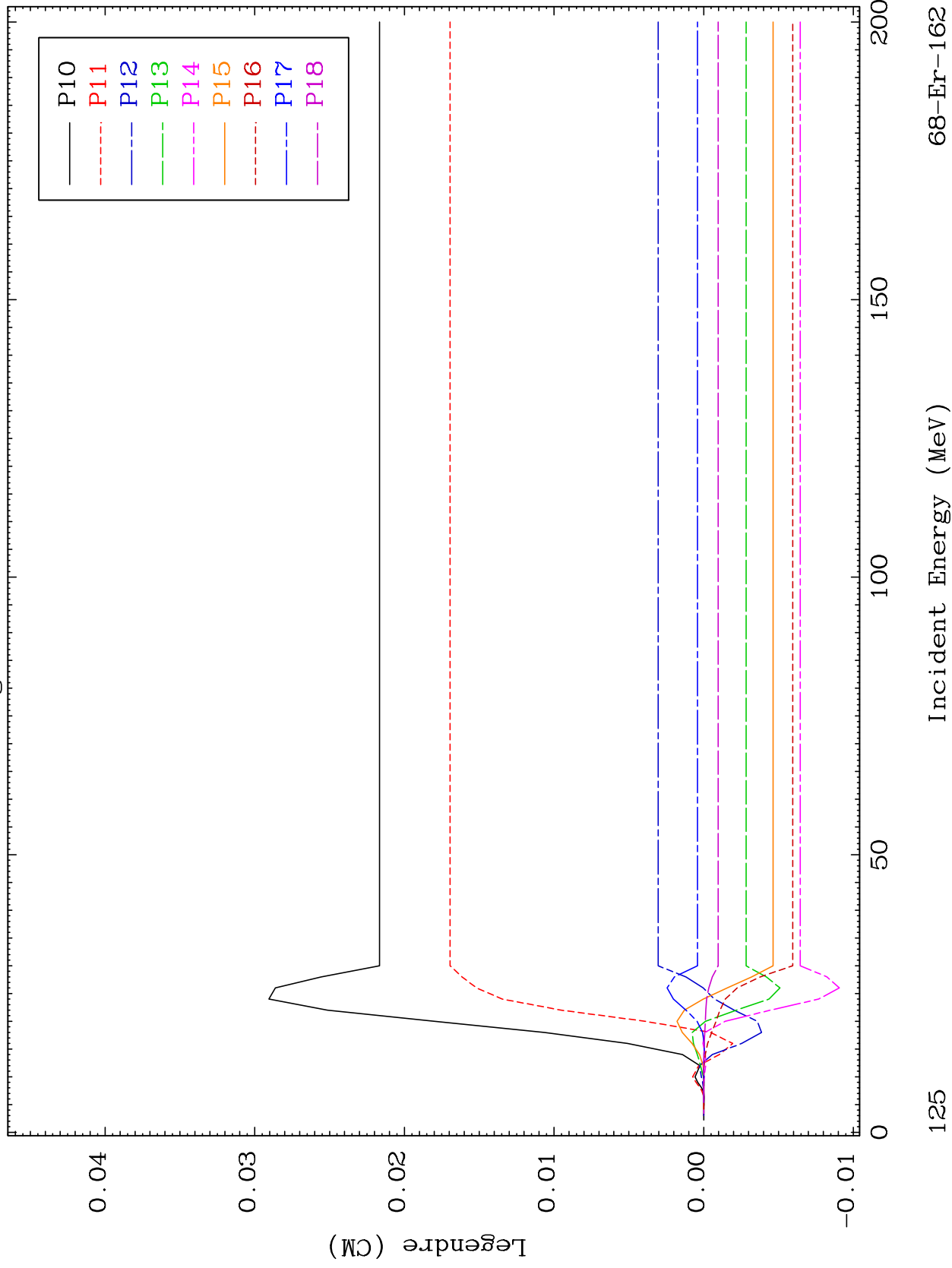
Incident Energy (MeV)

68-Er-162

MAT 6825

1.730 MeV (n,n') Level
Legendre Coefficients

68-Er-162



68-Er-162

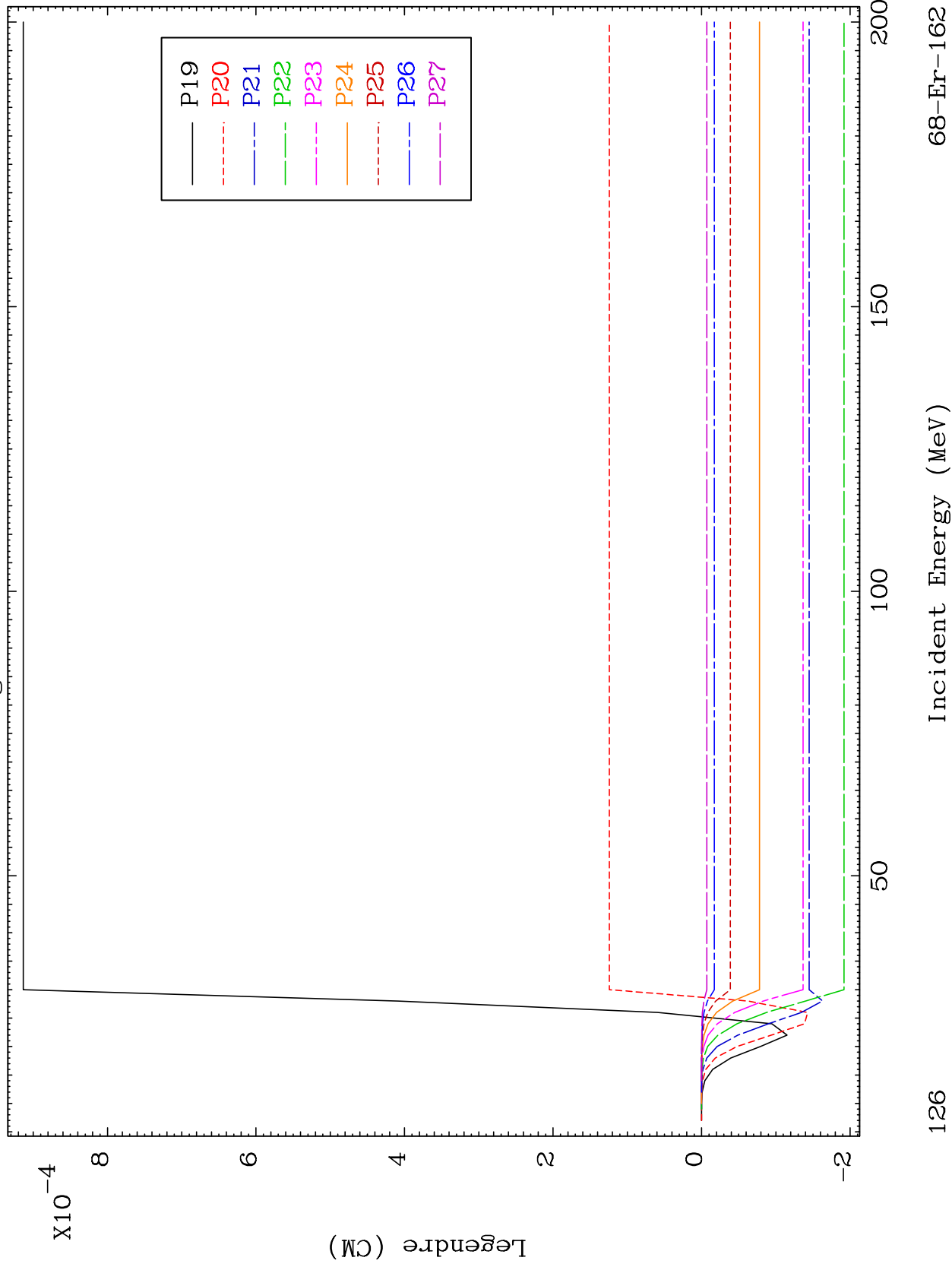
Incident Energy (MeV)

125

MAT 6825

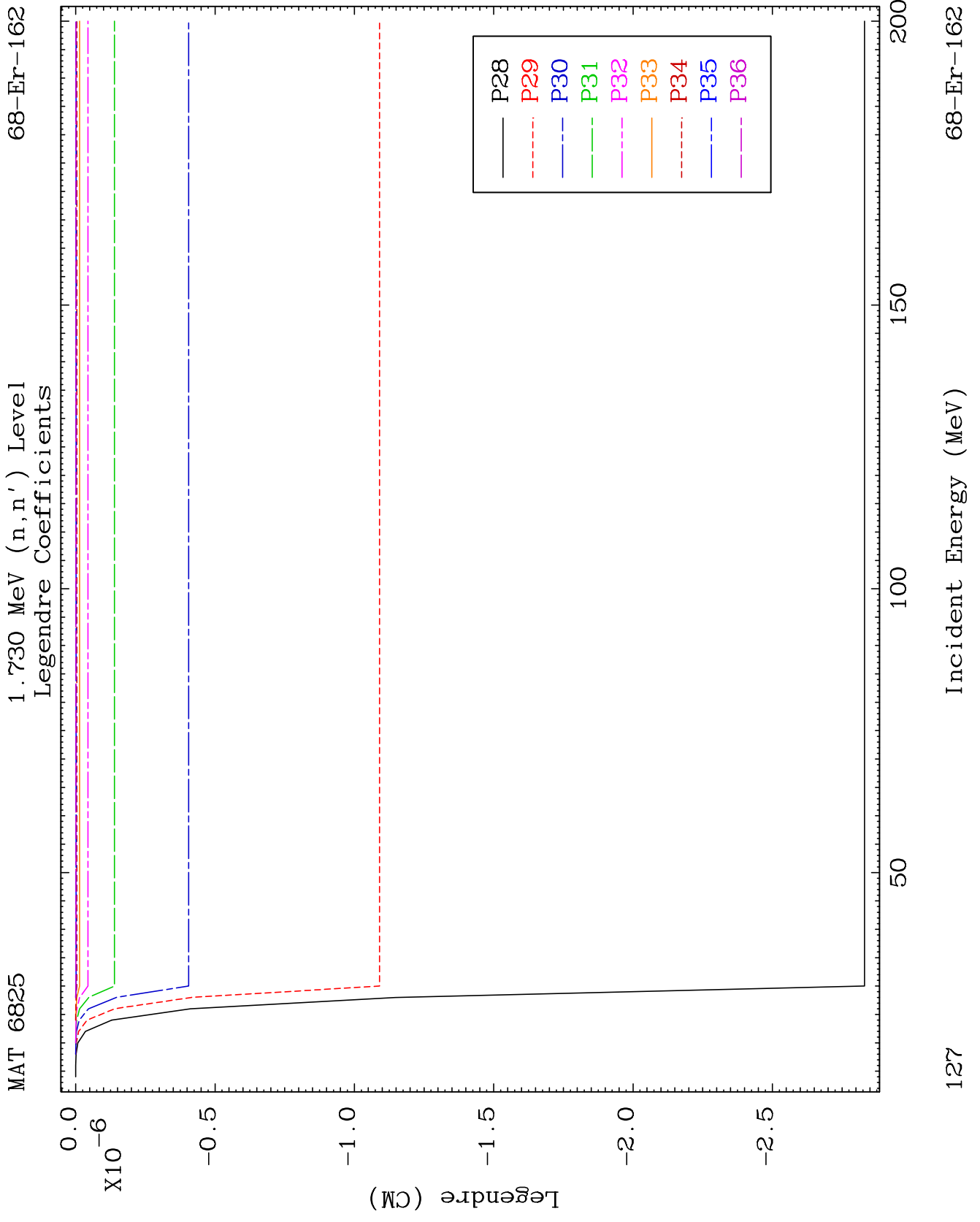
1.730 MeV (n,n') Level
Legendre Coefficients

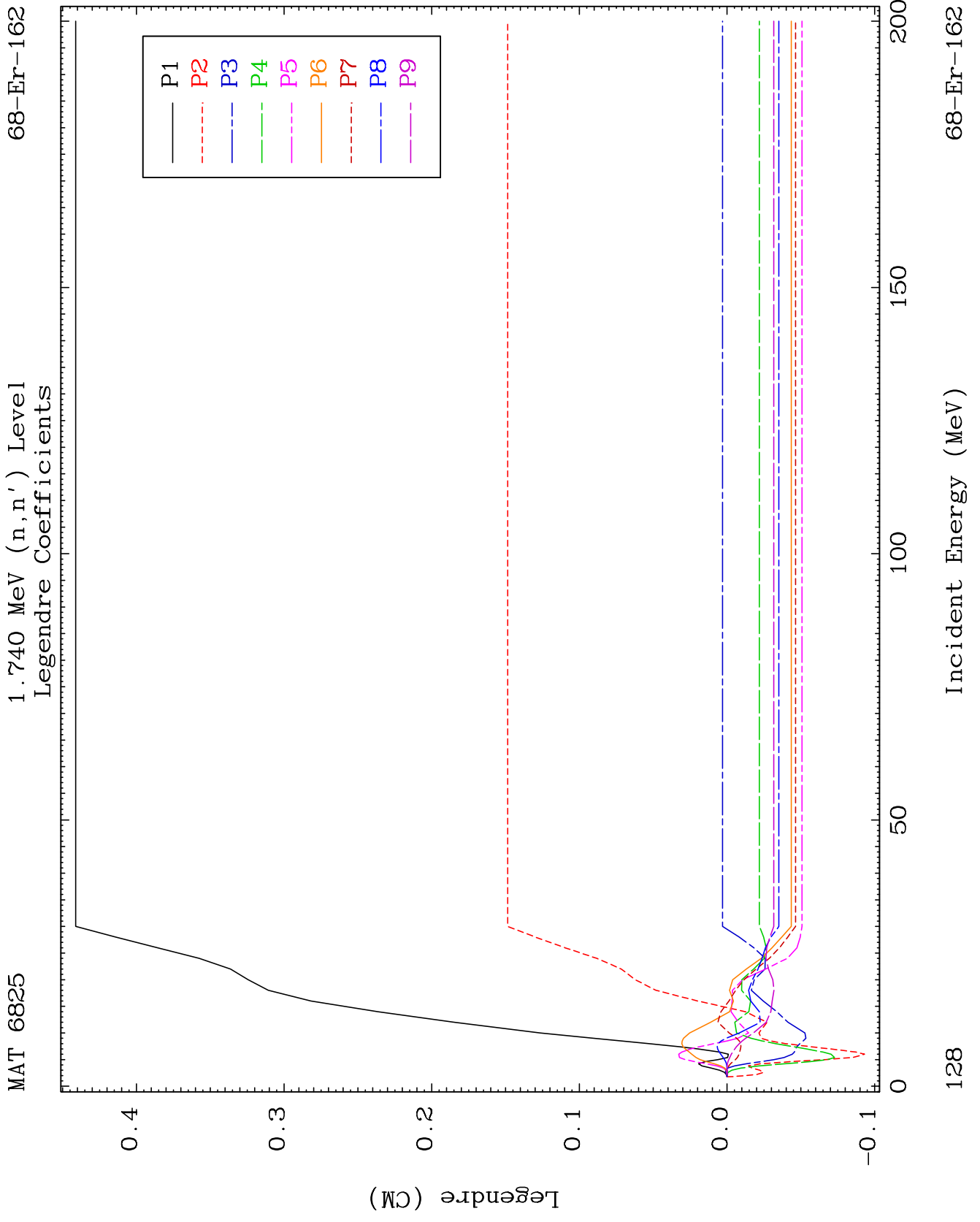
68-Er-162

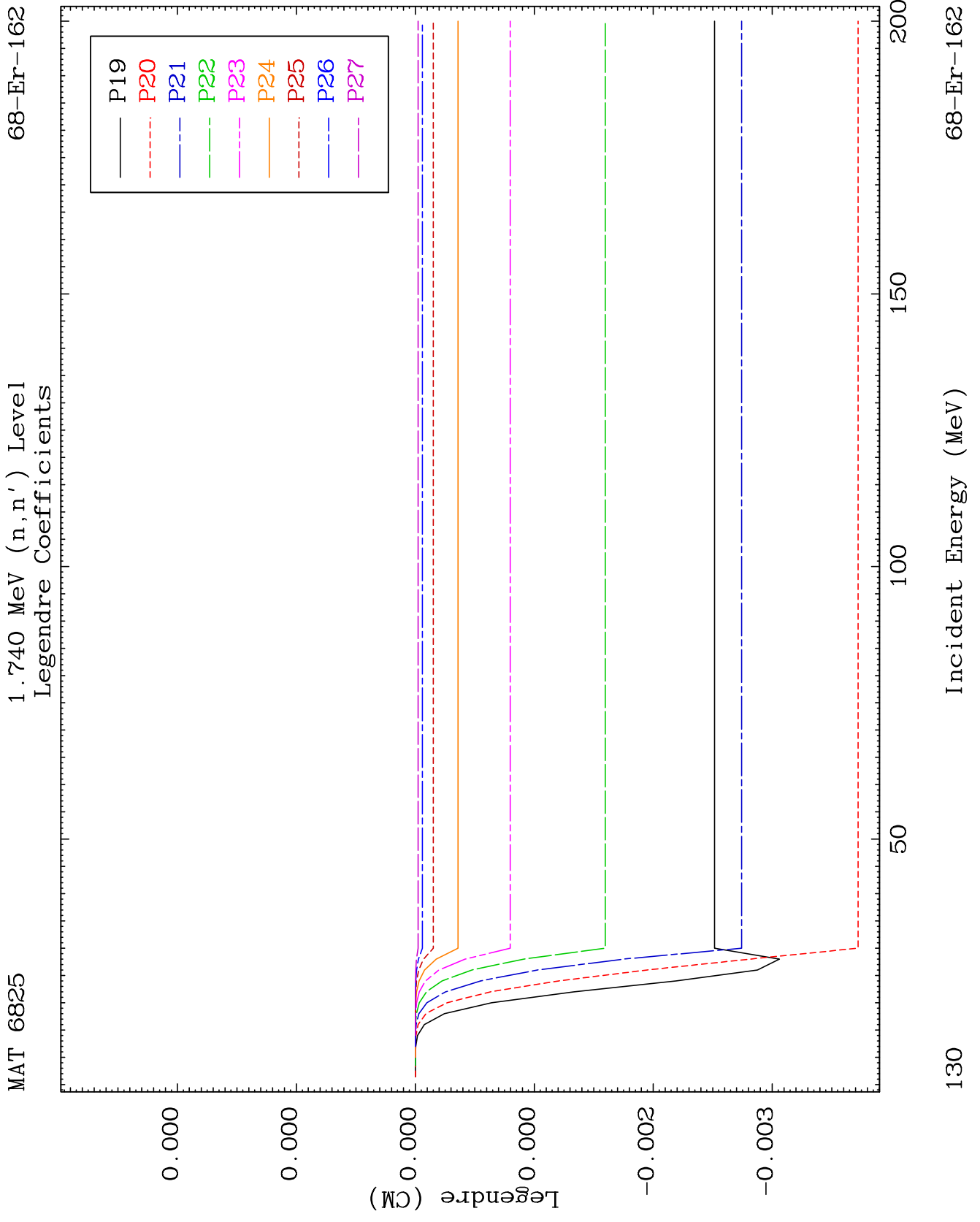


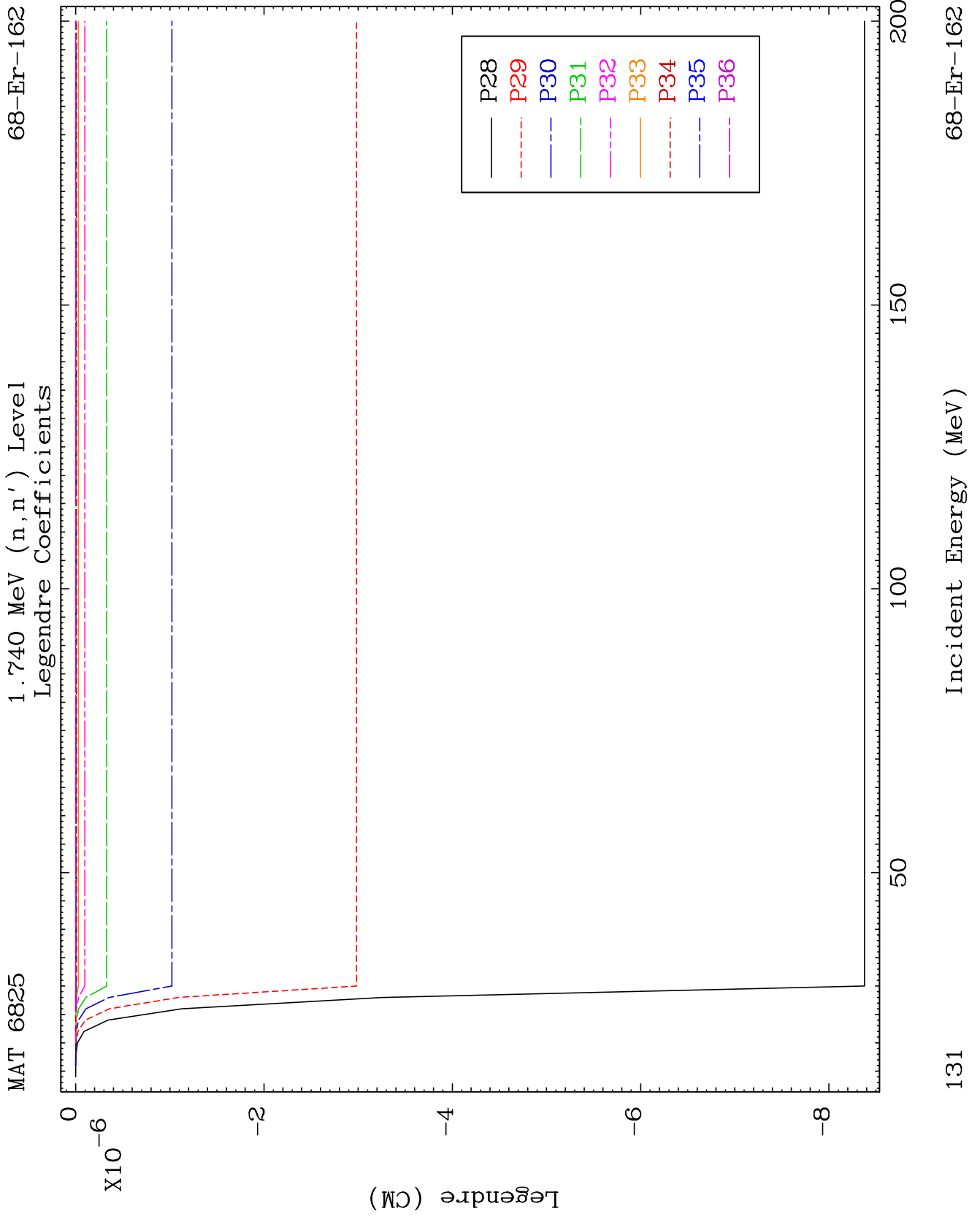
126

68-Er-162







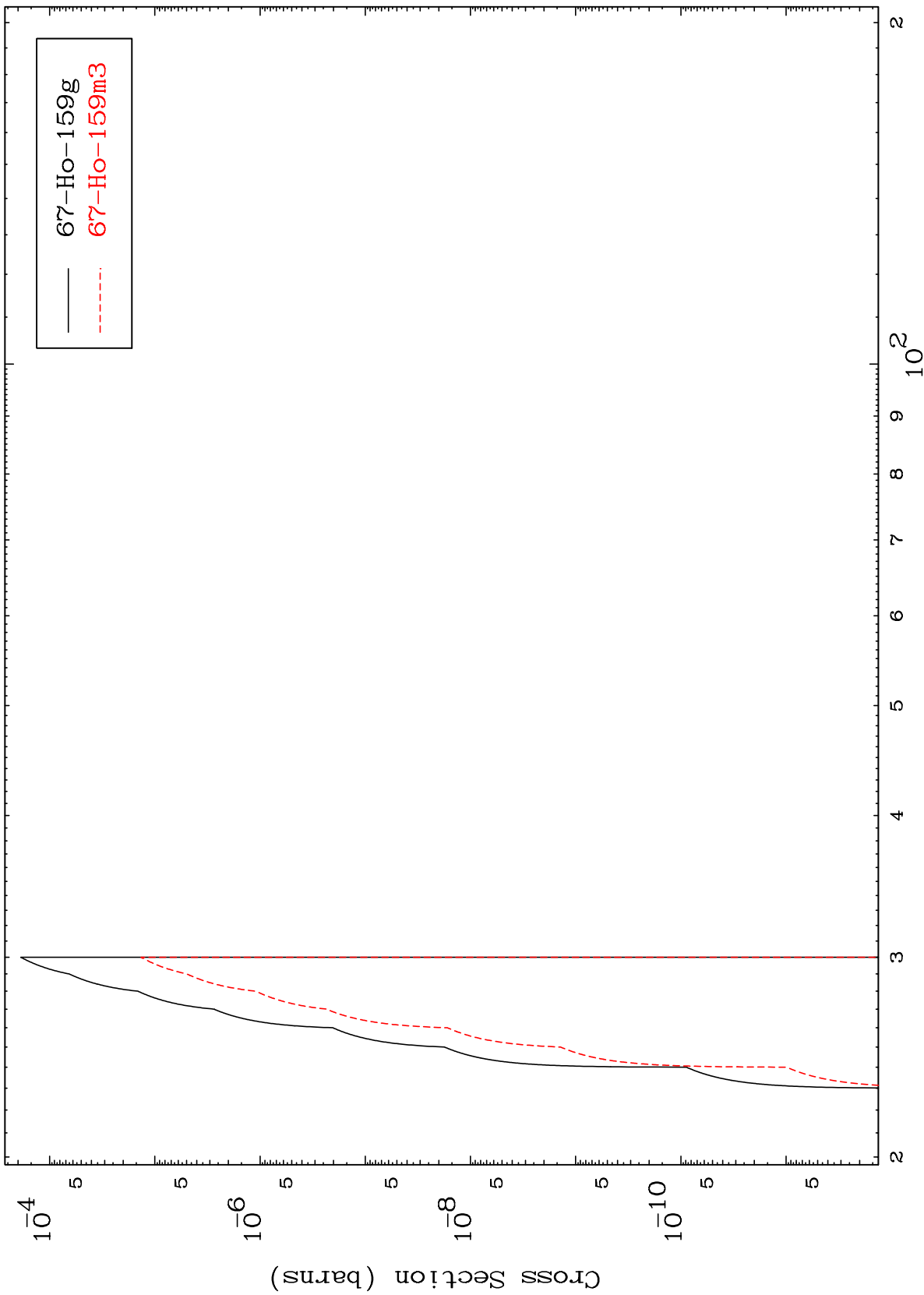


MAT 6825

(n,2n) d

68-Er-162

Radionuclide Production Cross Section



132

Incident Energy (MeV)

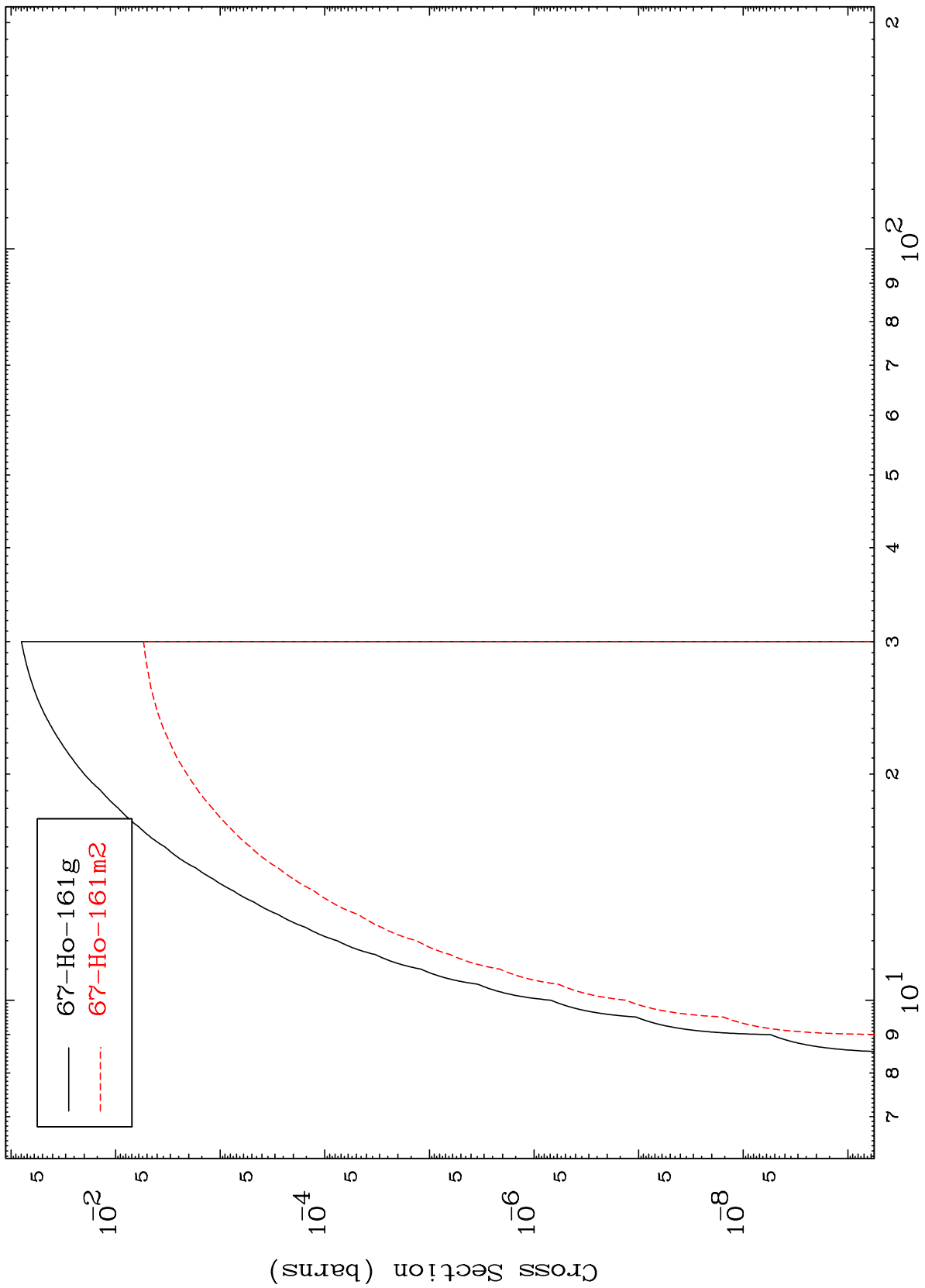
68-Er-162

MAT 6825

(n,n') p

68-Er-162

Radionuclide Production Cross Section

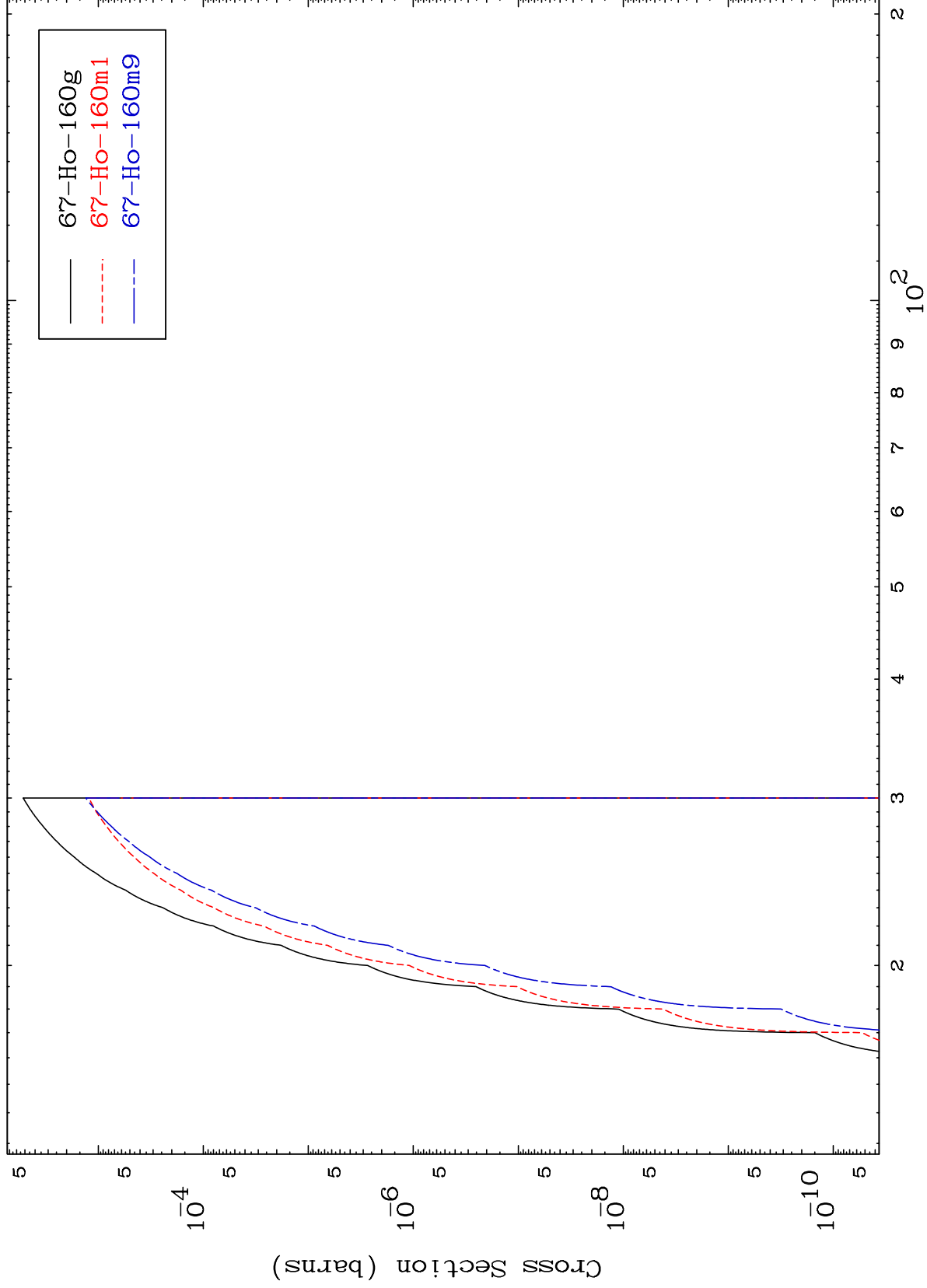


133

Incident Energy (MeV)

68-Er-162

Radionuclide Production Cross Section

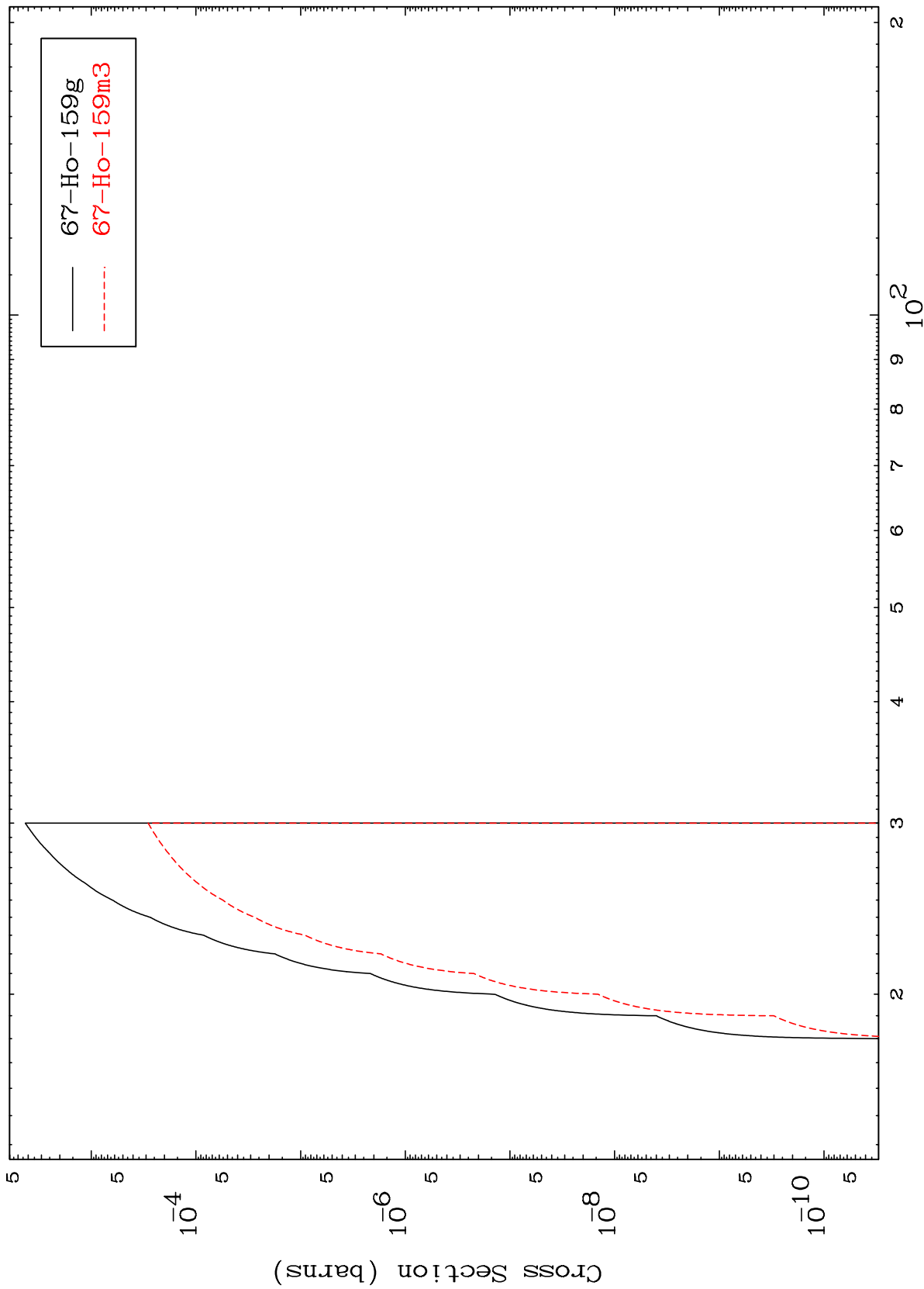


MAT 6825

(n,n') t

68-Er-162

Radionuclide Production Cross Section



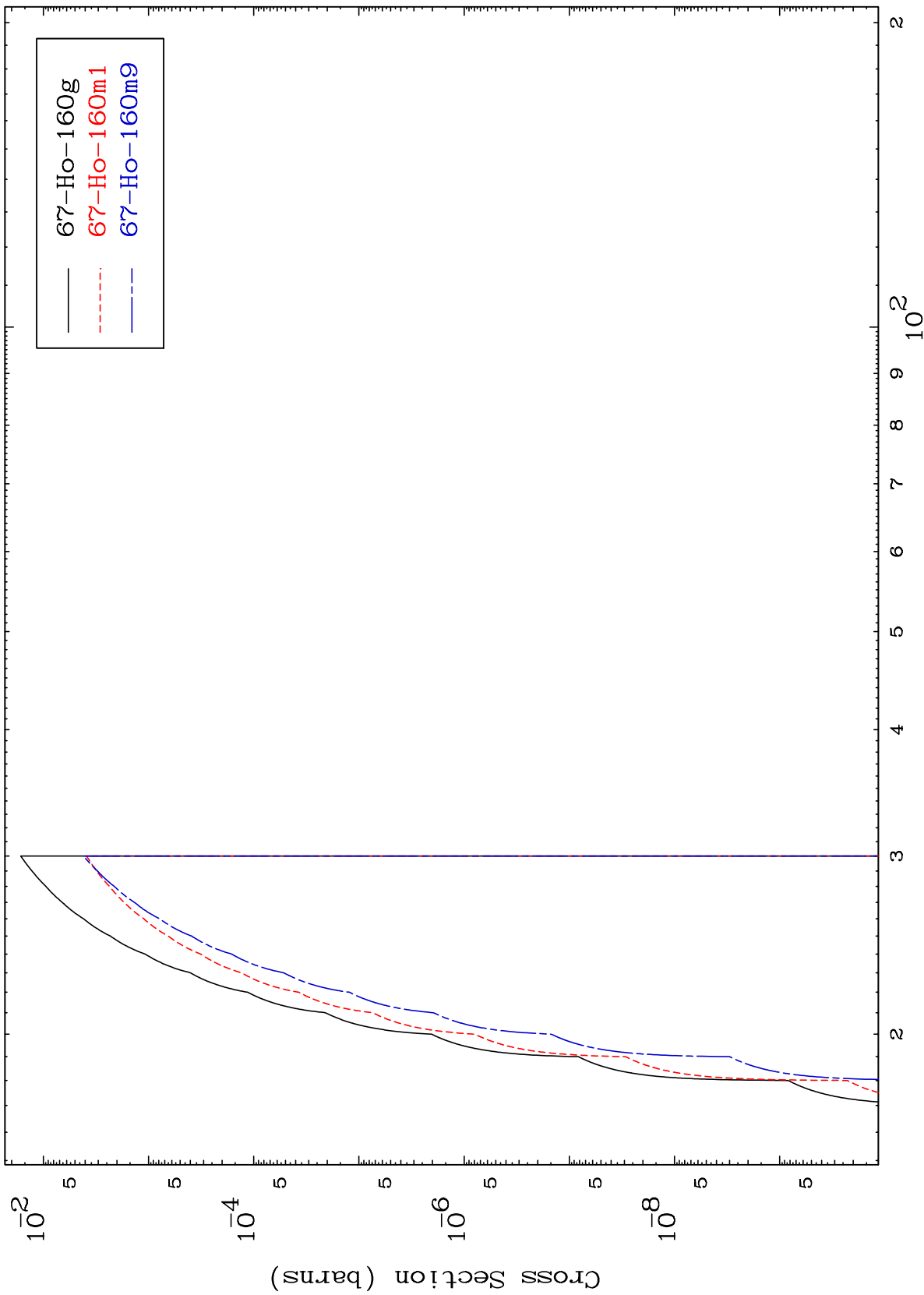
67-Ho-159g
67-Ho-159m3

135

Incident Energy (MeV)

68-Er-162

Radionuclide Production Cross Section

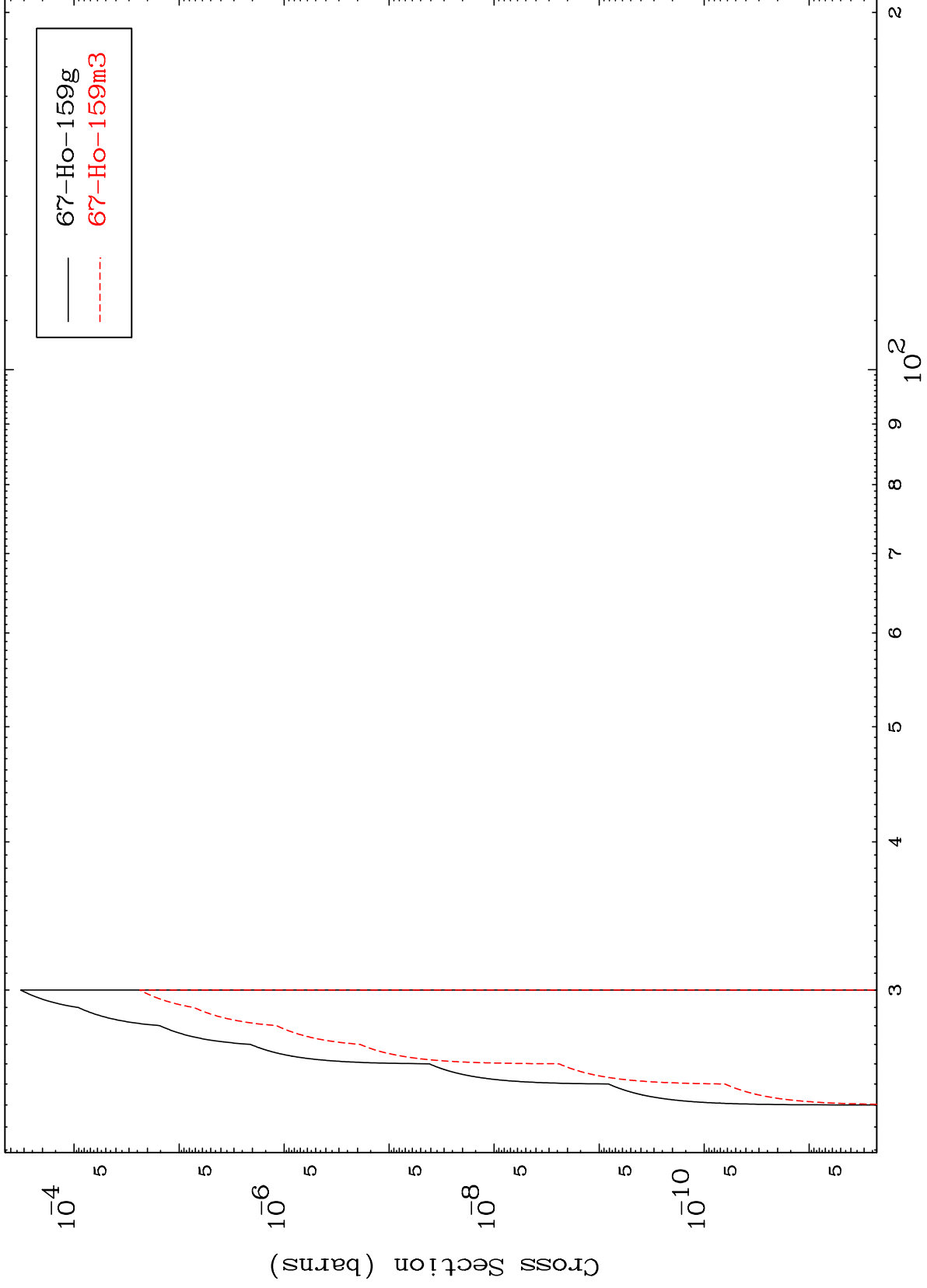


MAT 6825

(n,3n) p

68-Er-162

Radionuclide Production Cross Section



137

Incident Energy (MeV)

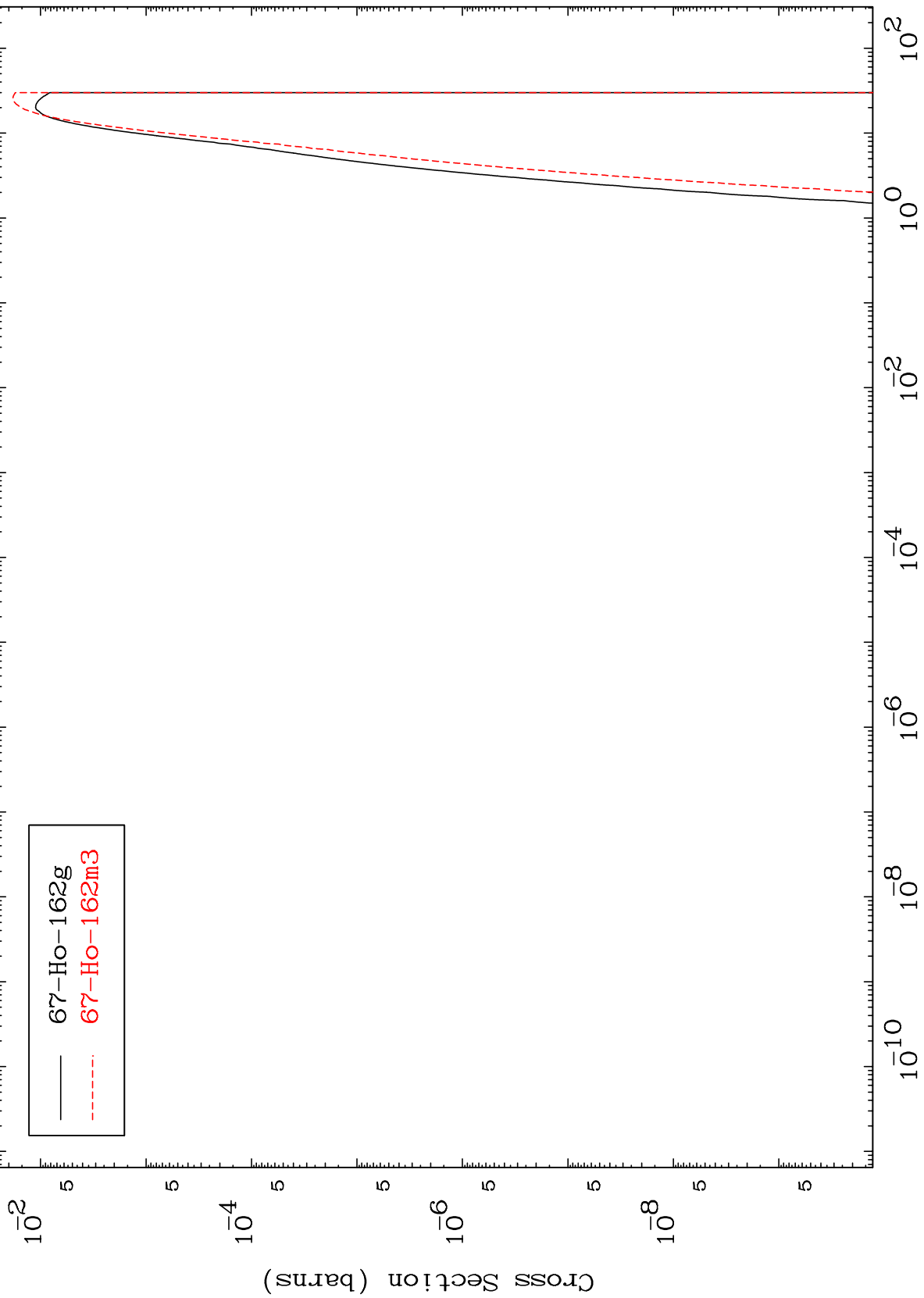
68-Er-162

MAT 6825

(n,p)

68-Er-162

Radionuclide Production Cross Section

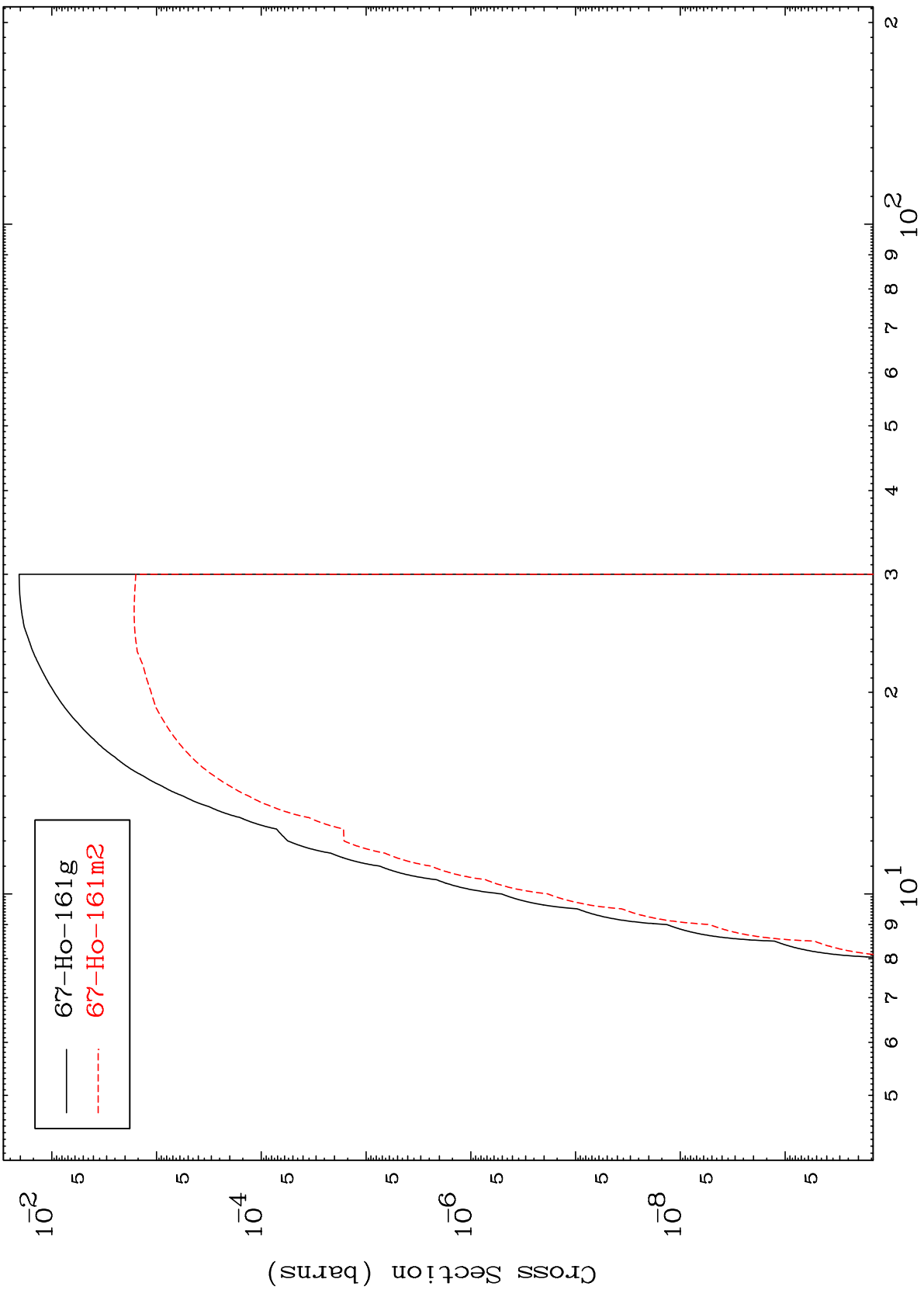


MAT 6825

(n,d)

68-Er-162

Radionuclide Production Cross Section



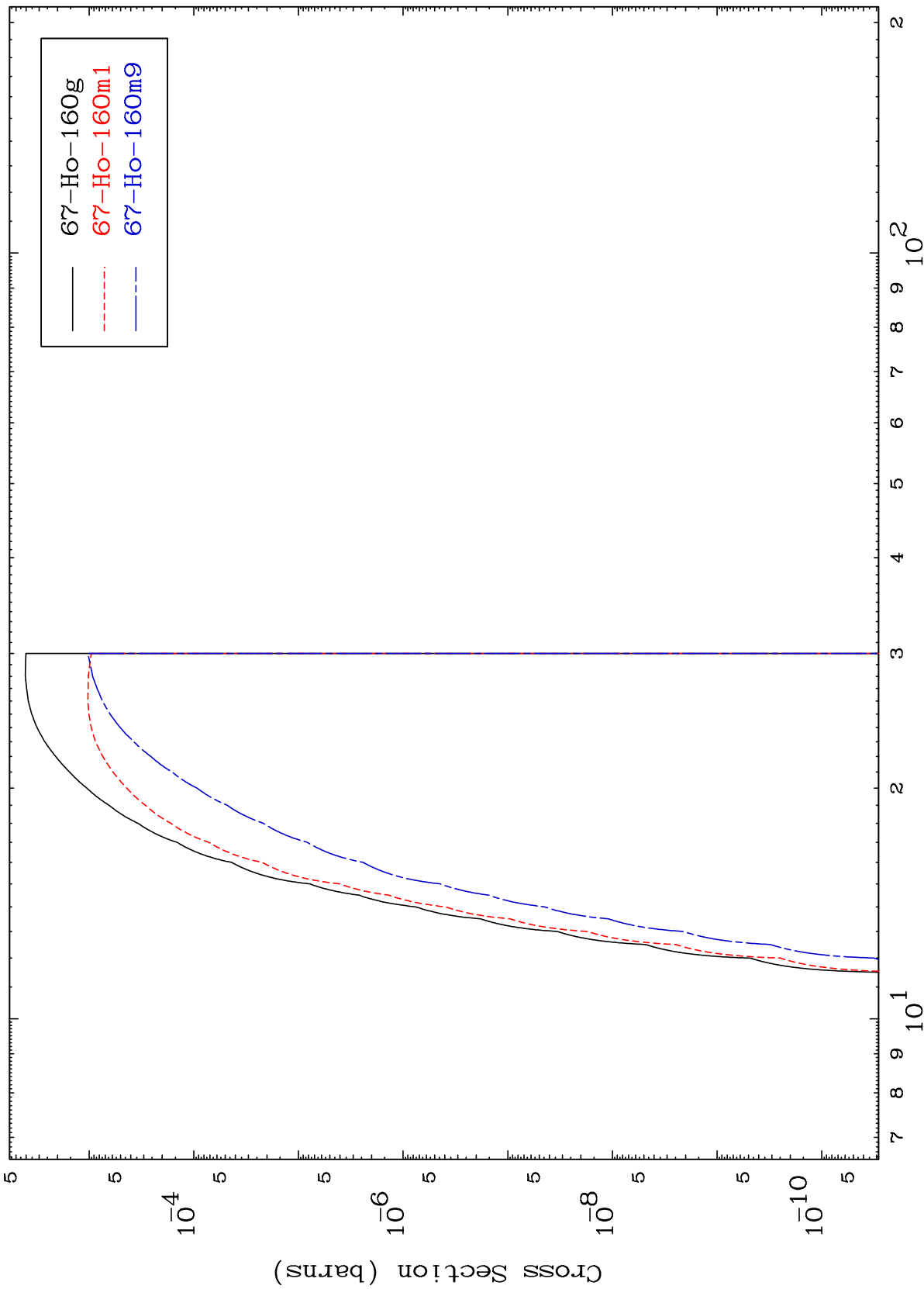
139

68-Er-162

MAT 6825

68-Er-162

(n,t)
Radionuclide Production Cross Section



140

Incident Energy (MeV)

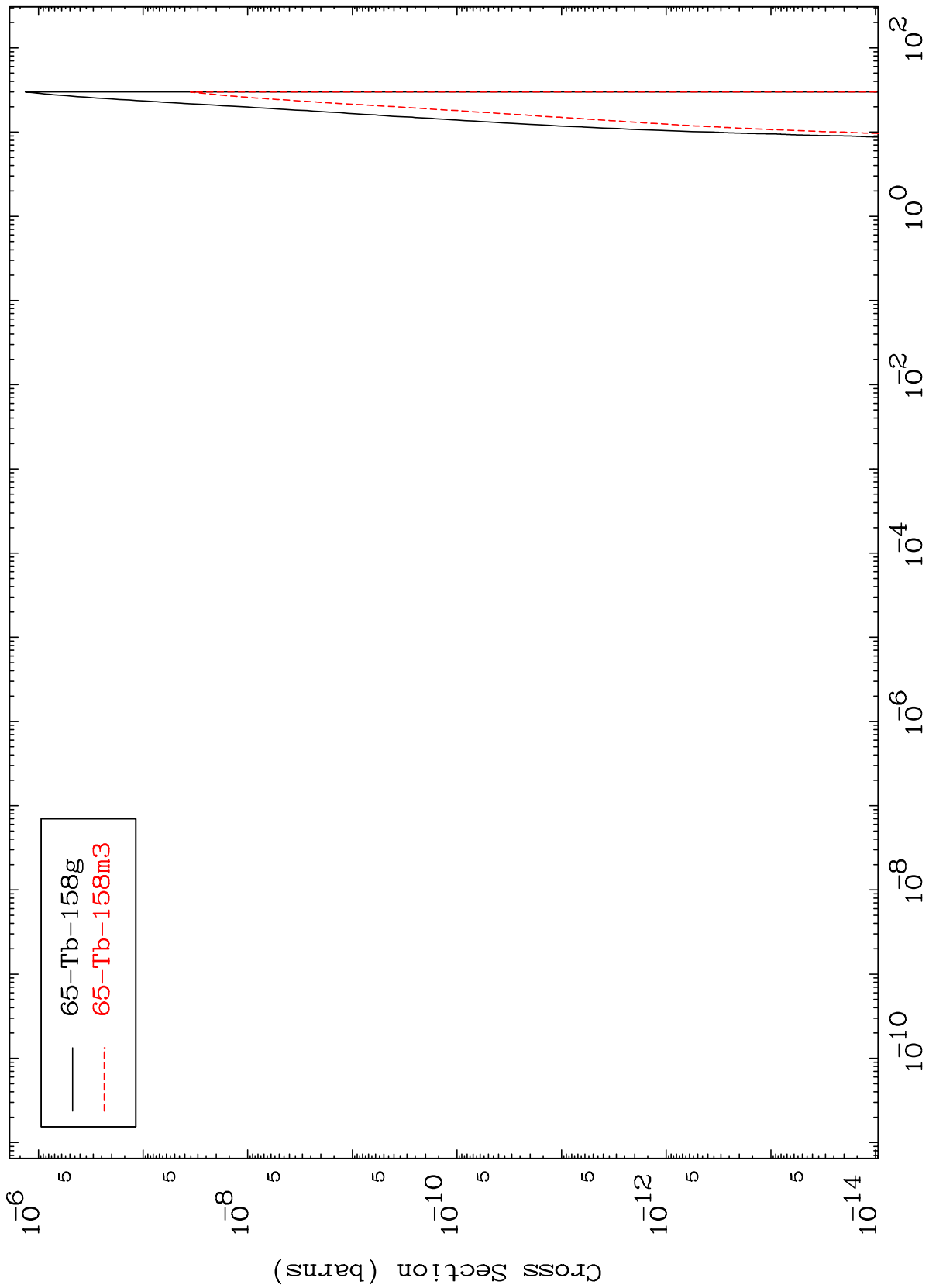
68-Er-162

MAT 6825

(n,p) α

68-Er-162

Radionuclide Production Cross Section



65-Tb-158g
65-Tb-158m3