

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

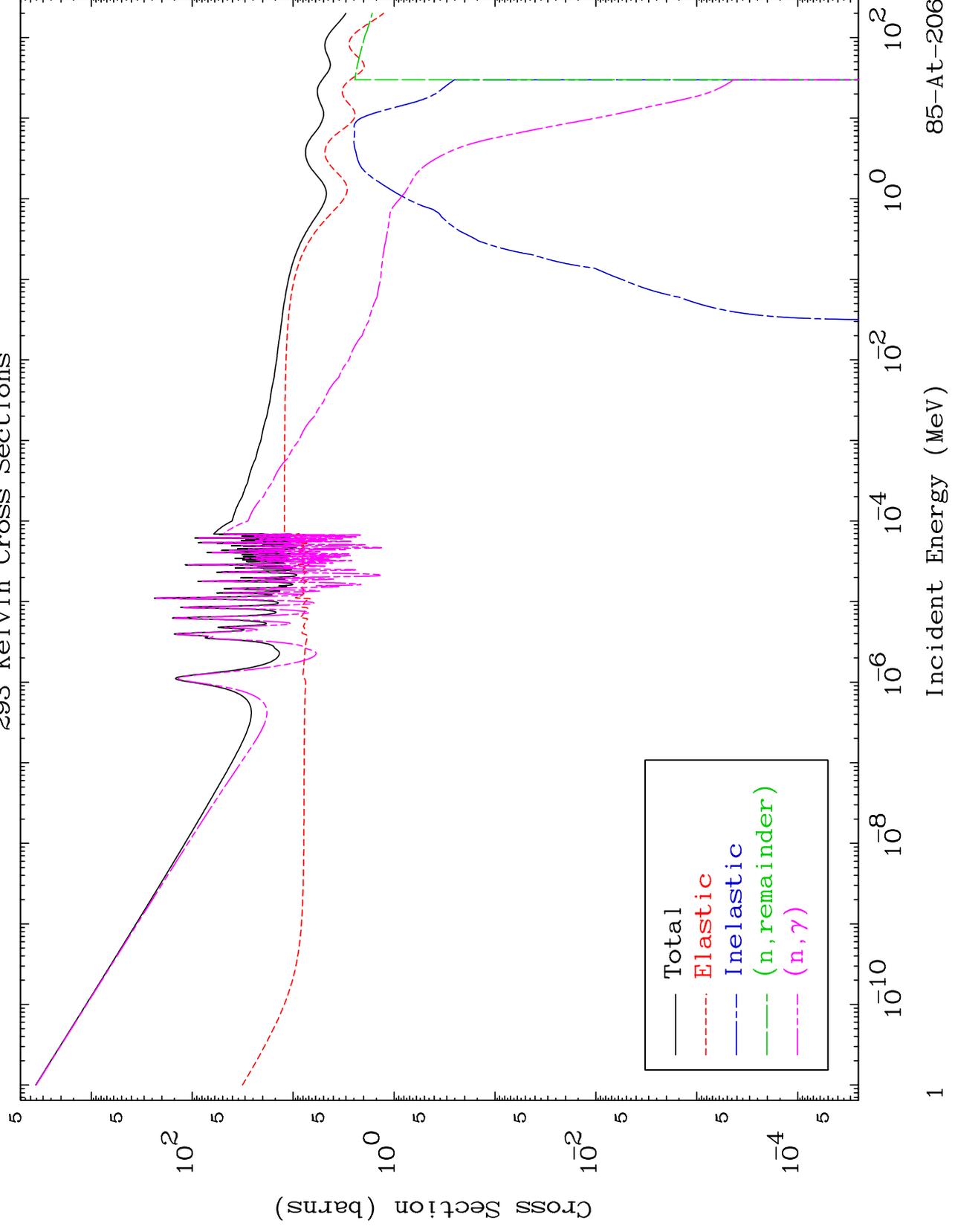
Press Mouse Button to Start

MAT 8534

Major

293 Kelvin Cross Sections

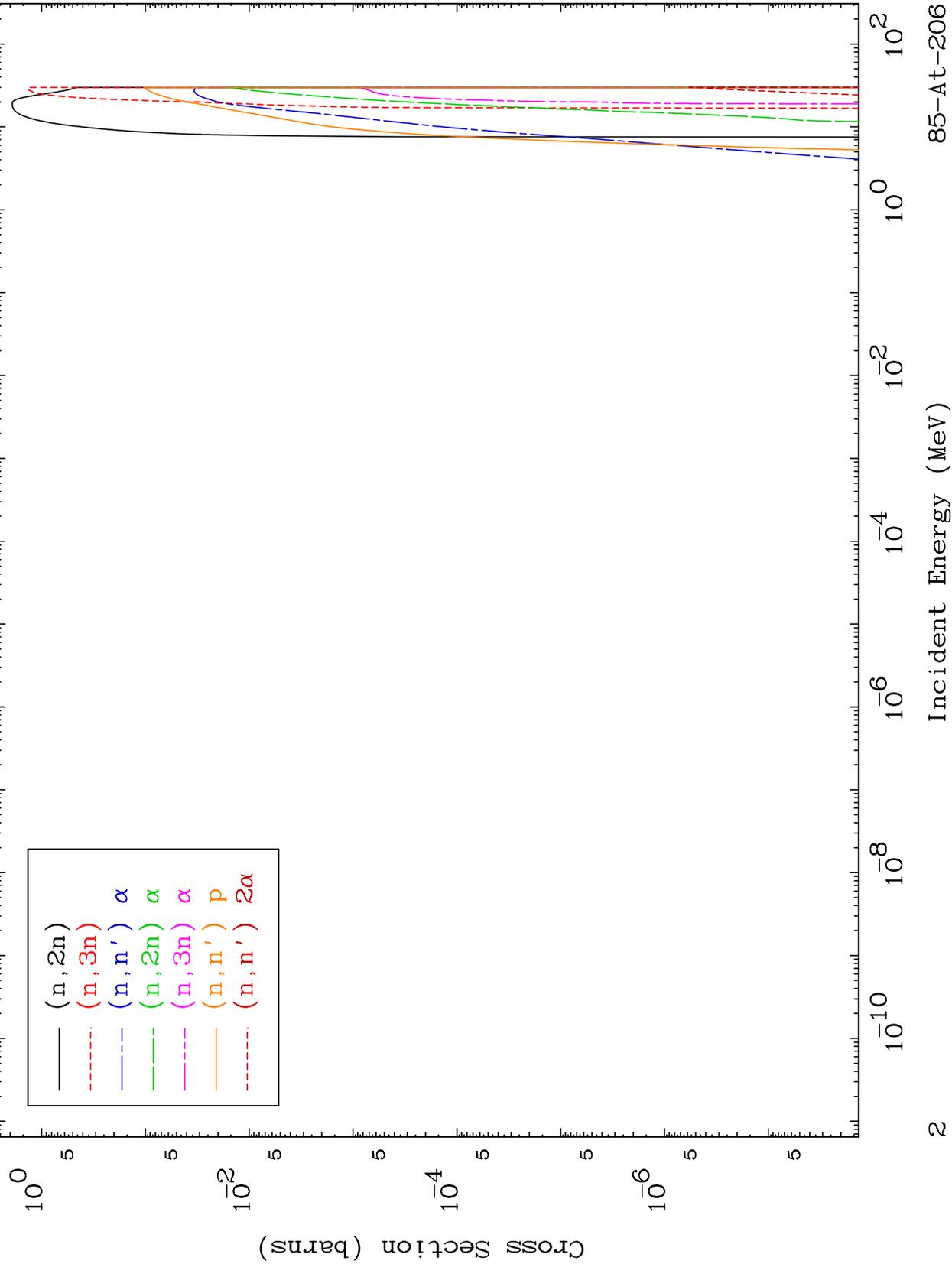
85-At-206



MAT 8534

Neutron Production  
293 Kelvin Cross Sections

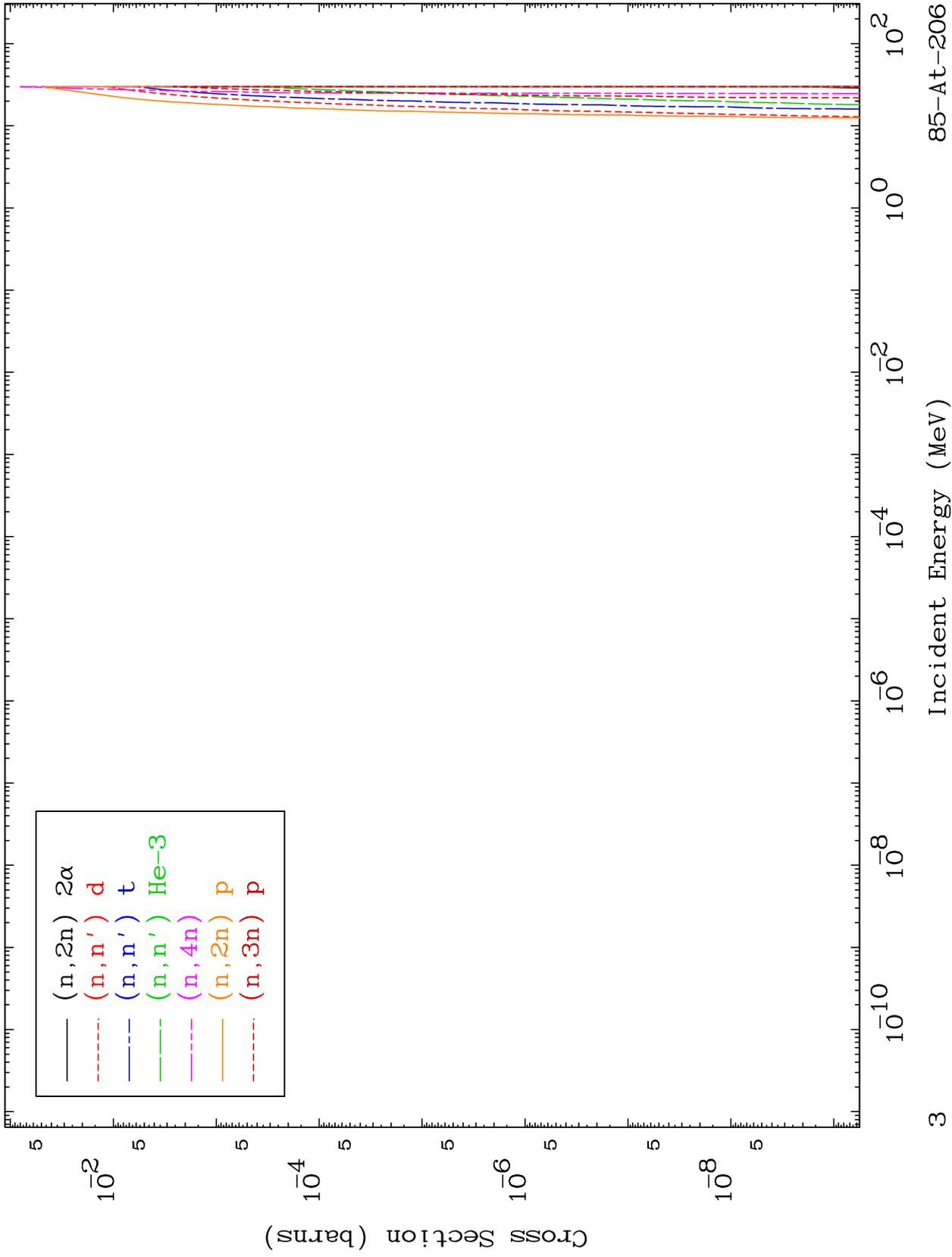
85-At-206



MAT 8534

Neutron Production  
293 Kelvin Cross Sections

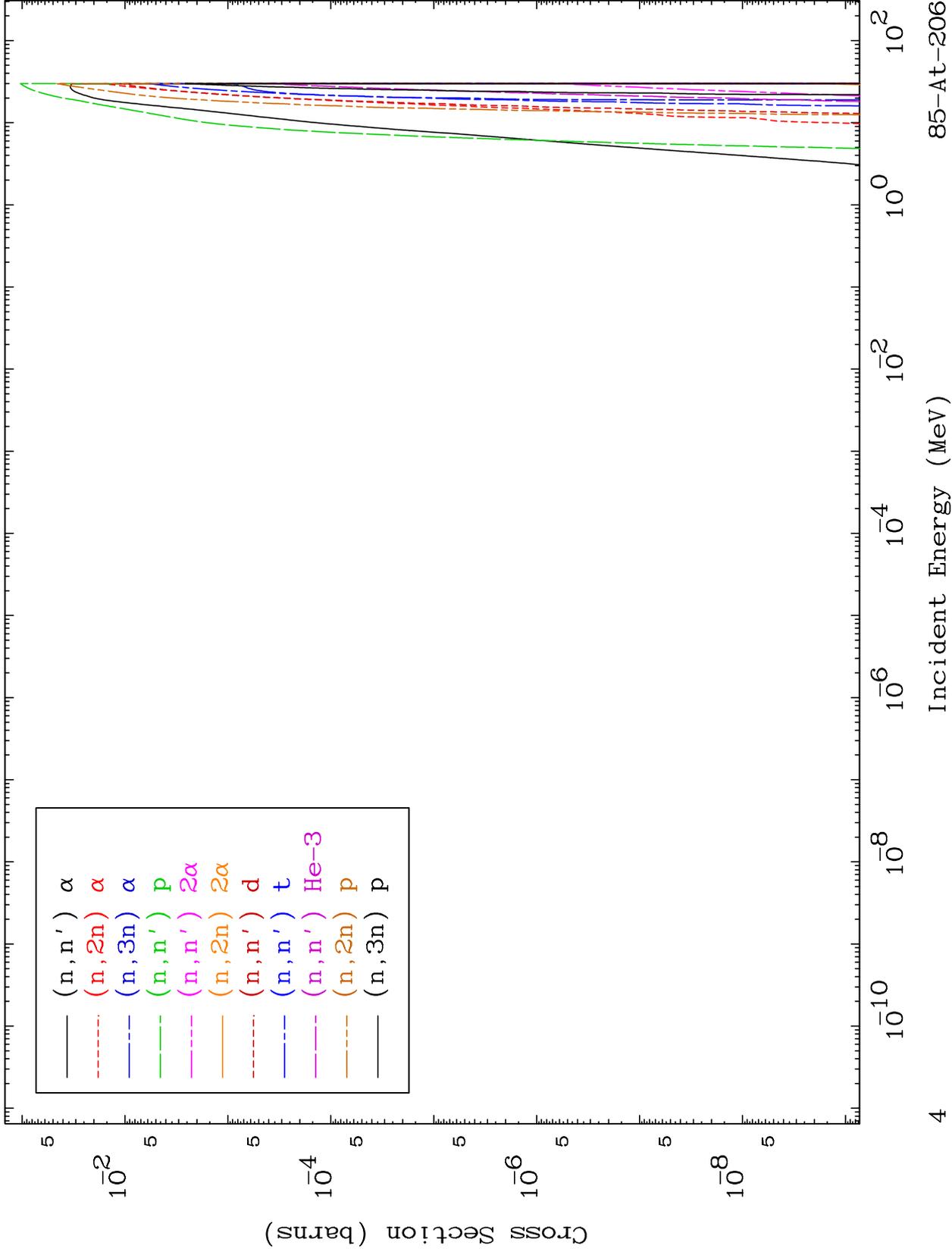
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MAT 8534

Charged Particle  
293 Kelvin Cross Sections

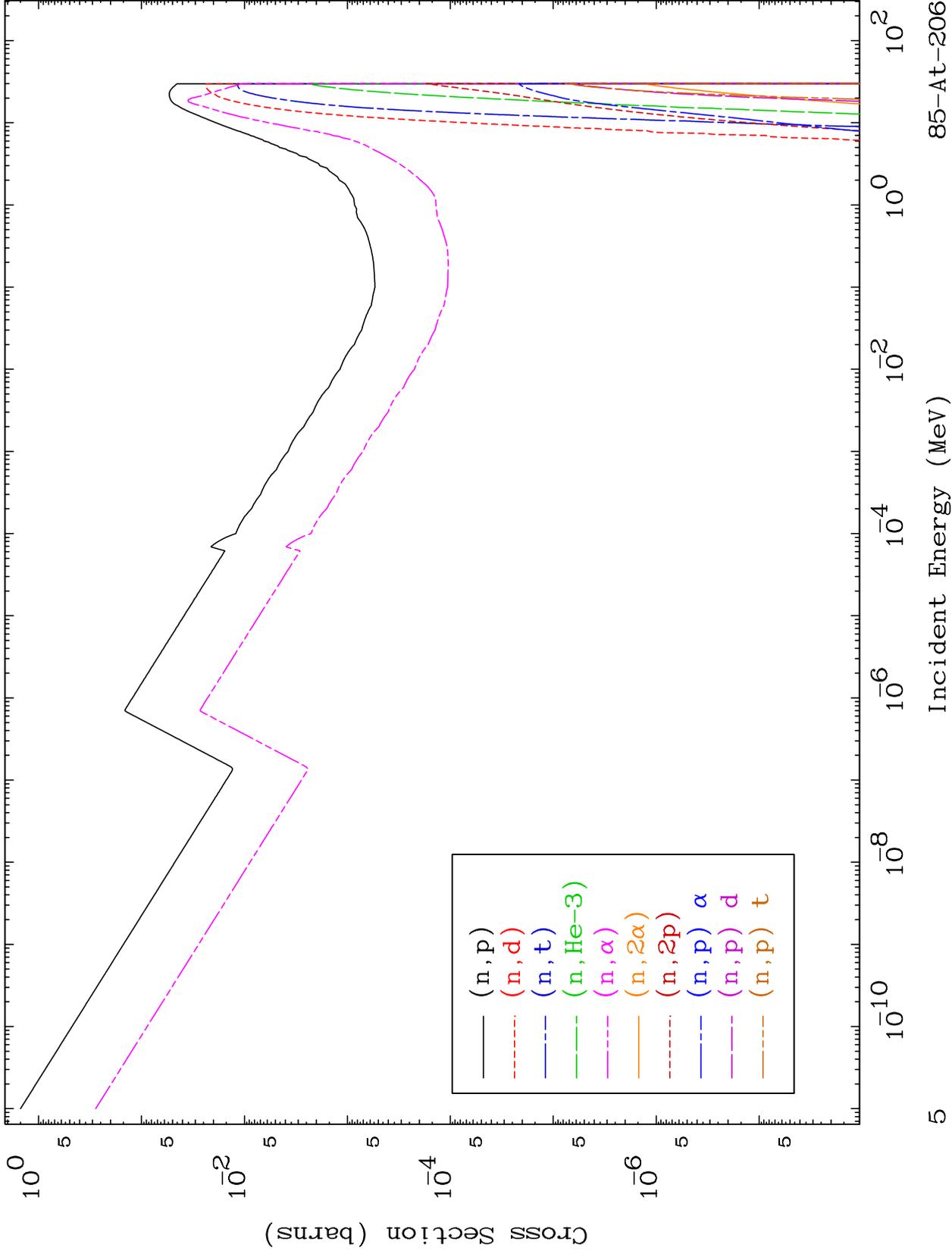
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MAT 8534

Charged Particle  
293 Kelvin Cross Sections

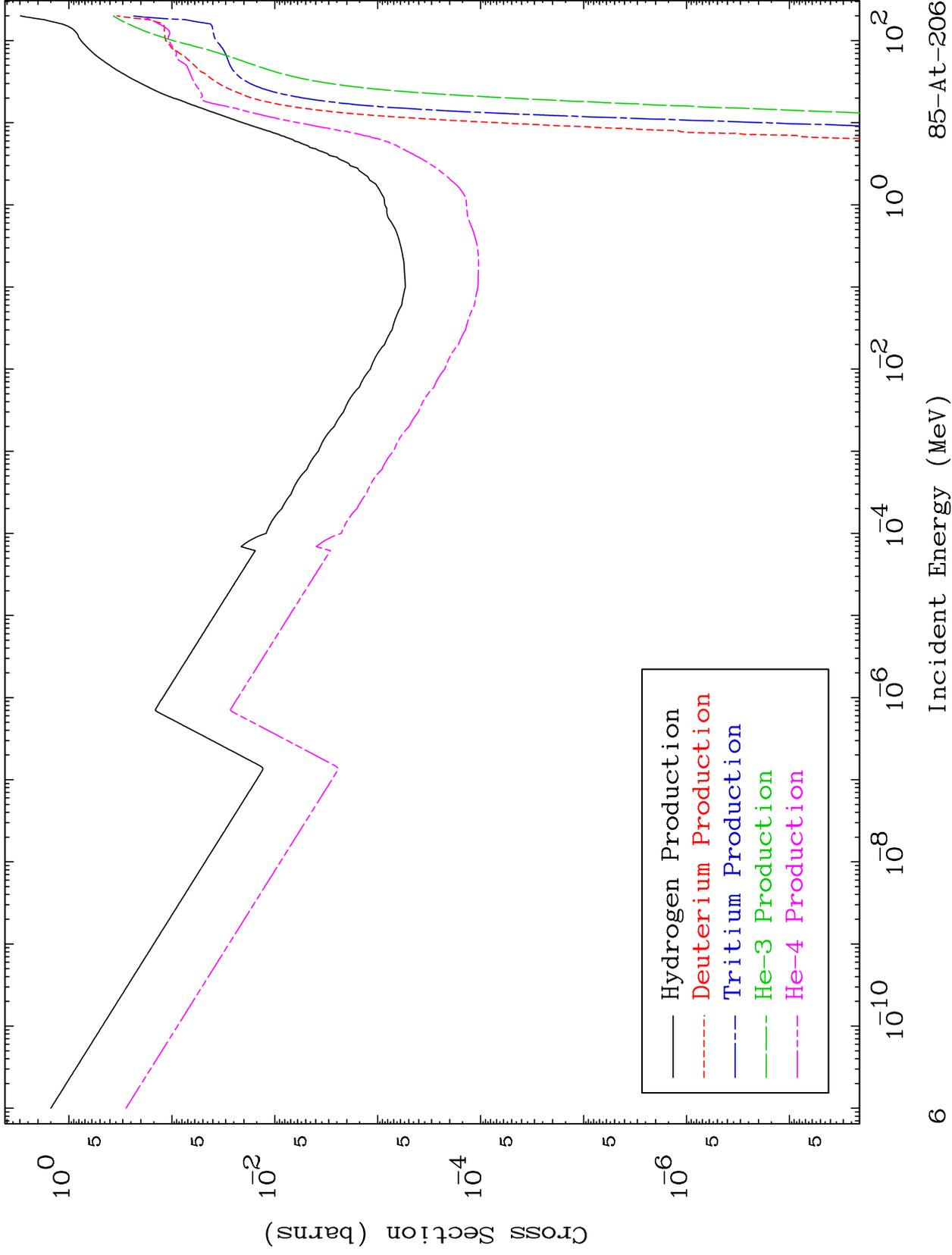
85-At-206



MAT 8534

Particle Production  
293 Kelvin Cross Sections

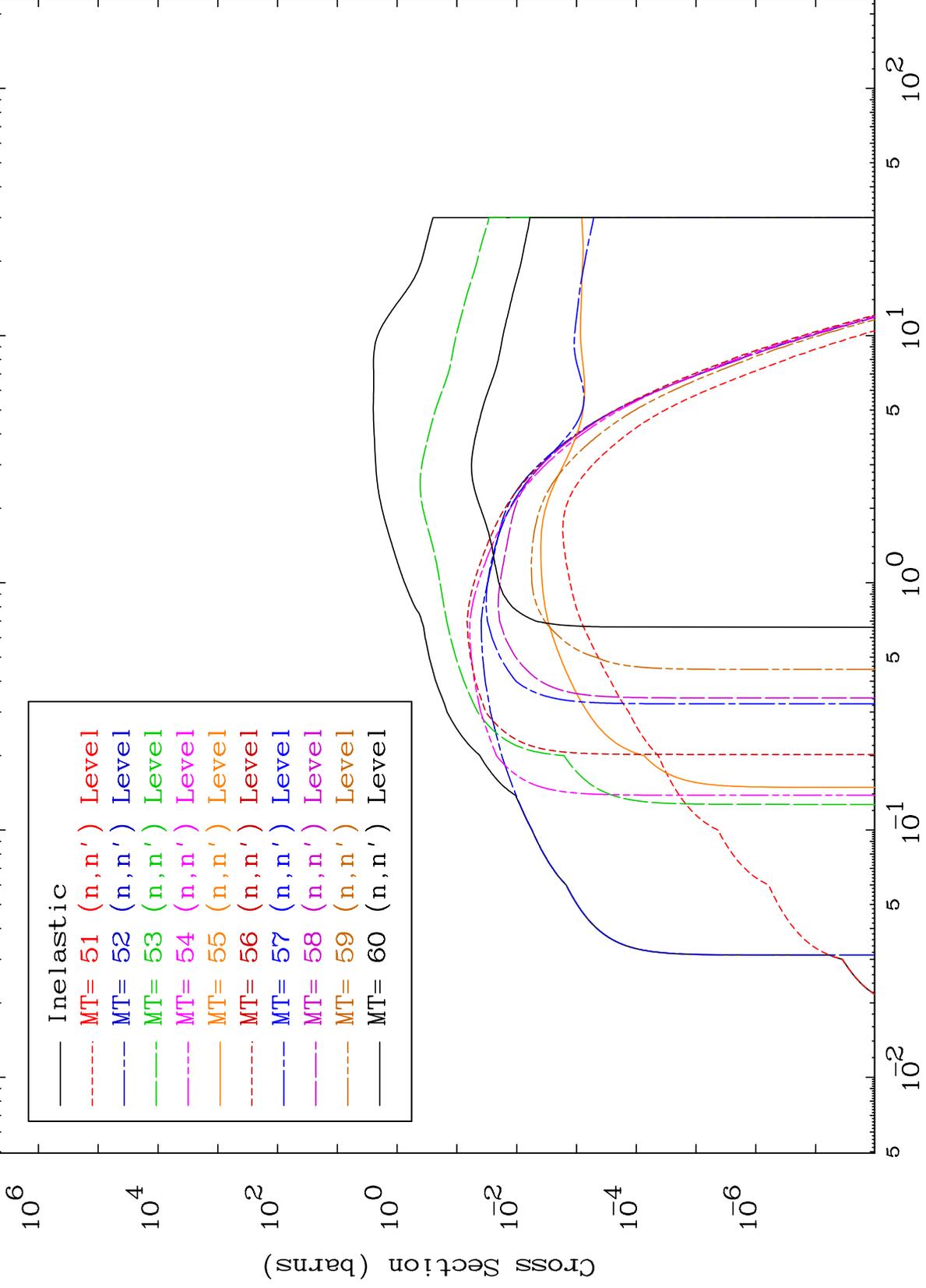
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MAT 8534

(n,n') Level  
293 Kelvin Cross Sections

85-At-206

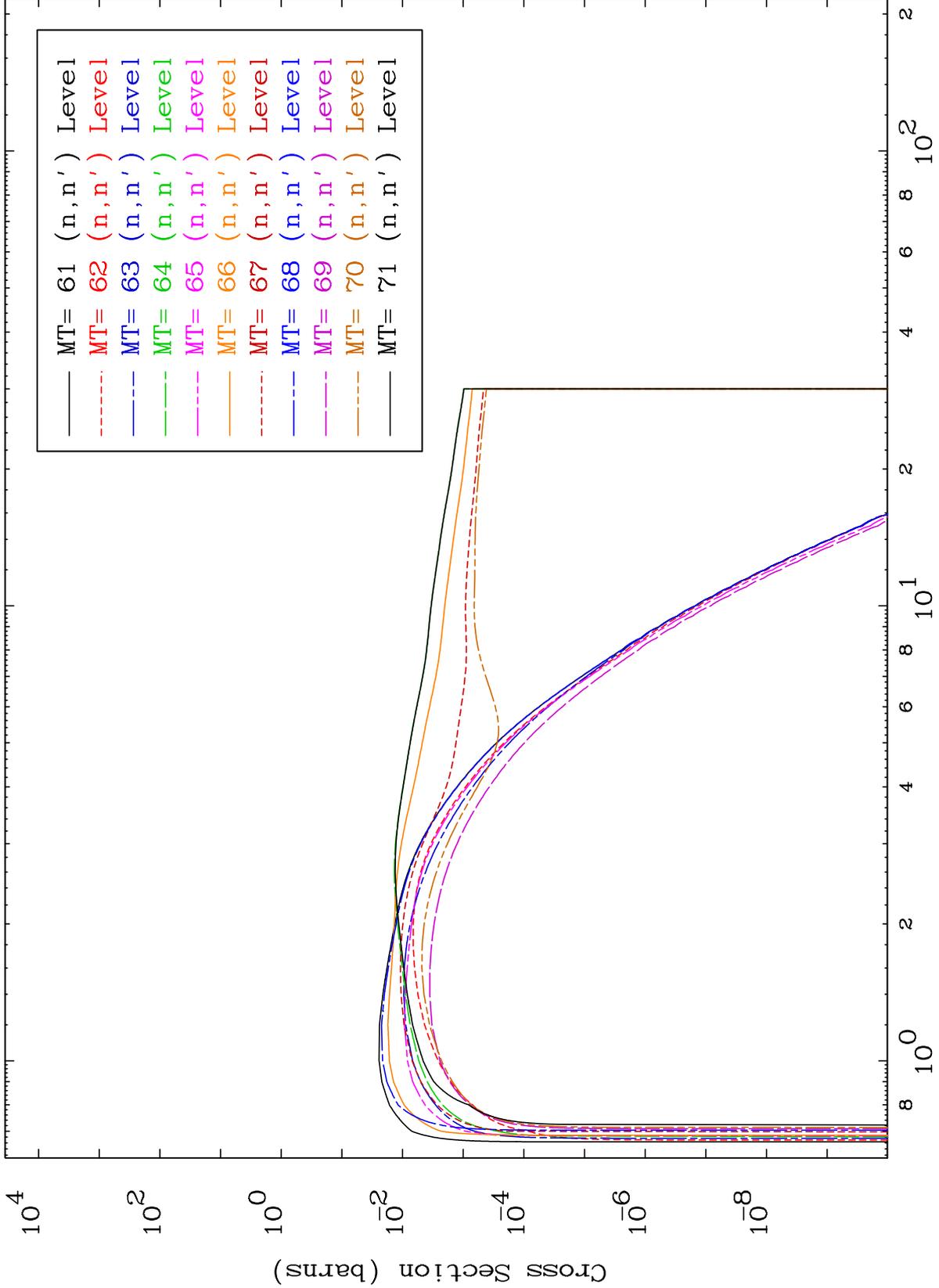


MAT 8534

(n,n') Level

85-At-206

293 Kelvin Cross Sections



8

Incident Energy (MeV)

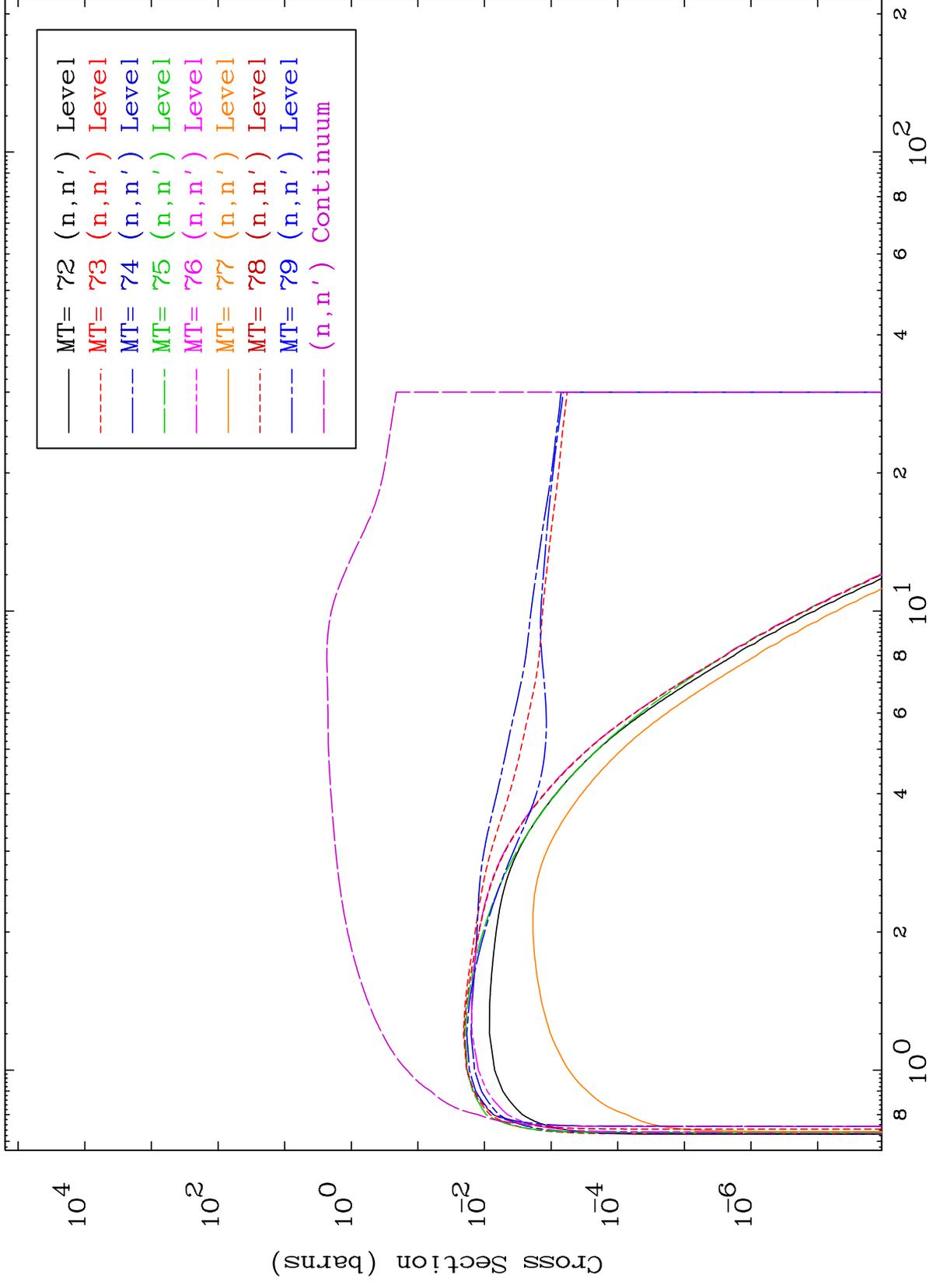
85-At-206

MAT 8534

(n,n') Level

85-At-206

293 Kelvin Cross Sections



9

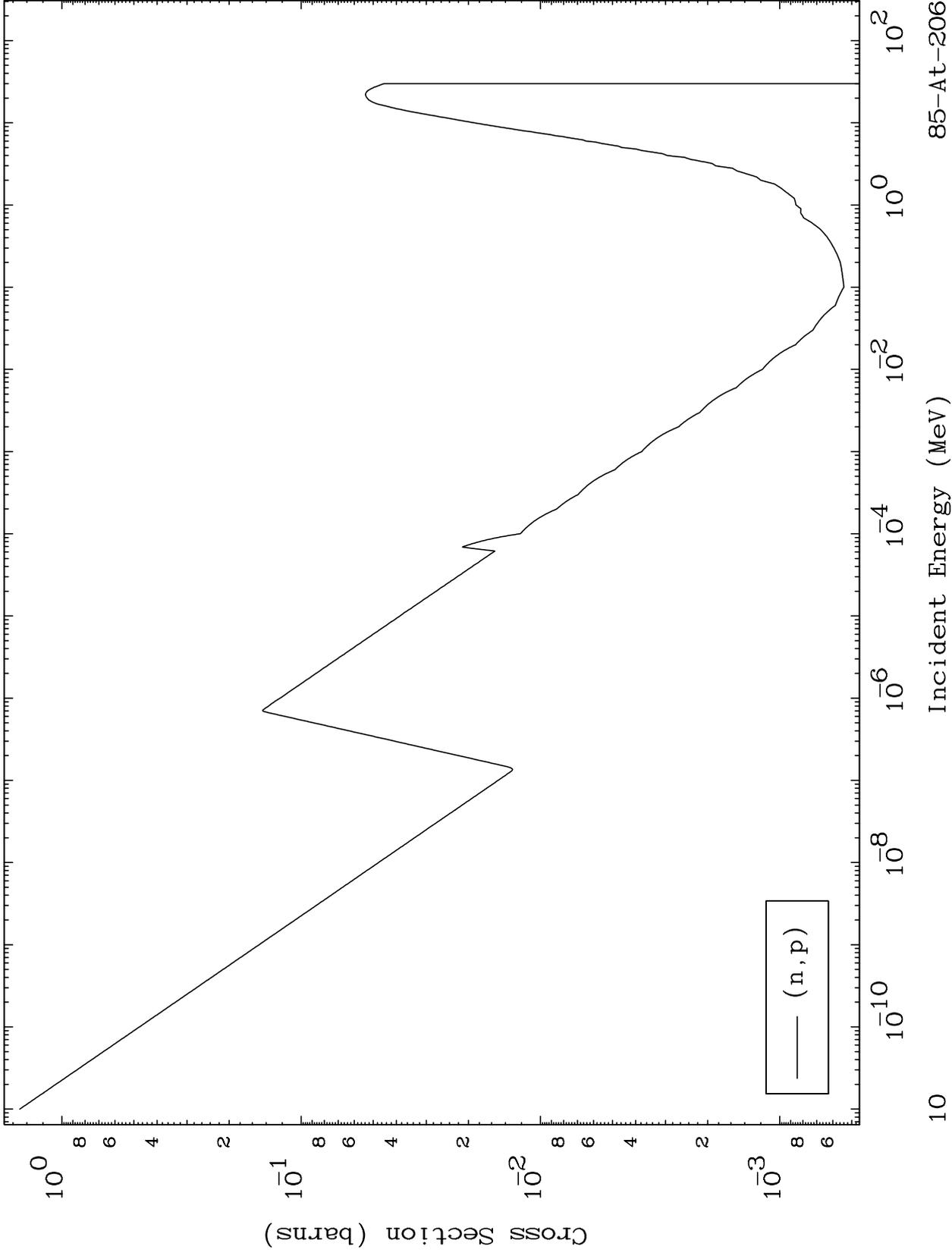
Incident Energy (MeV)

85-At-206

MAT 8534

(n,p) Levels  
293 Kelvin Cross Sections

85-At-206



10

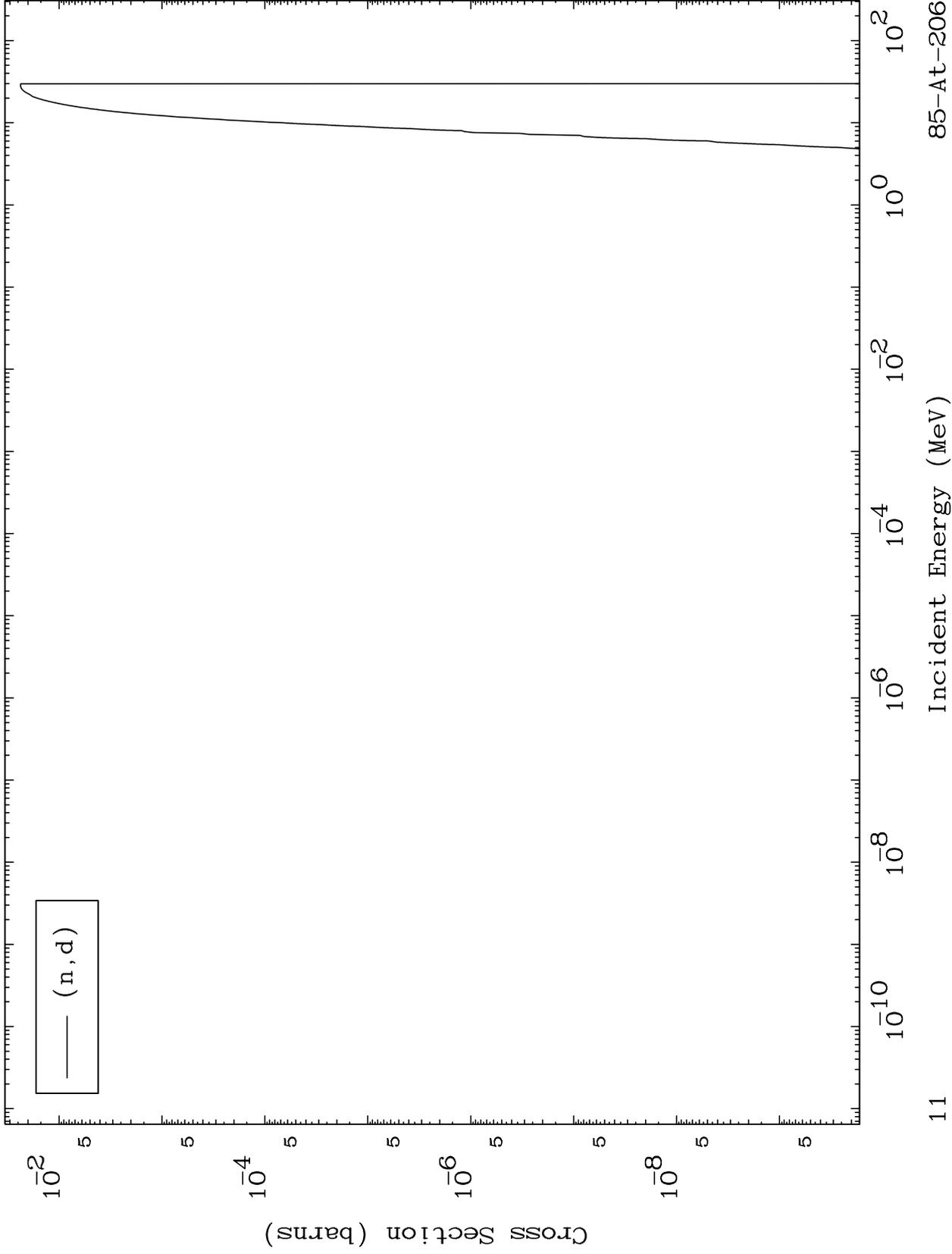
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85-At-206

MAT 8534

(n,d) Levels  
293 Kelvin Cross Sections

85-At-206

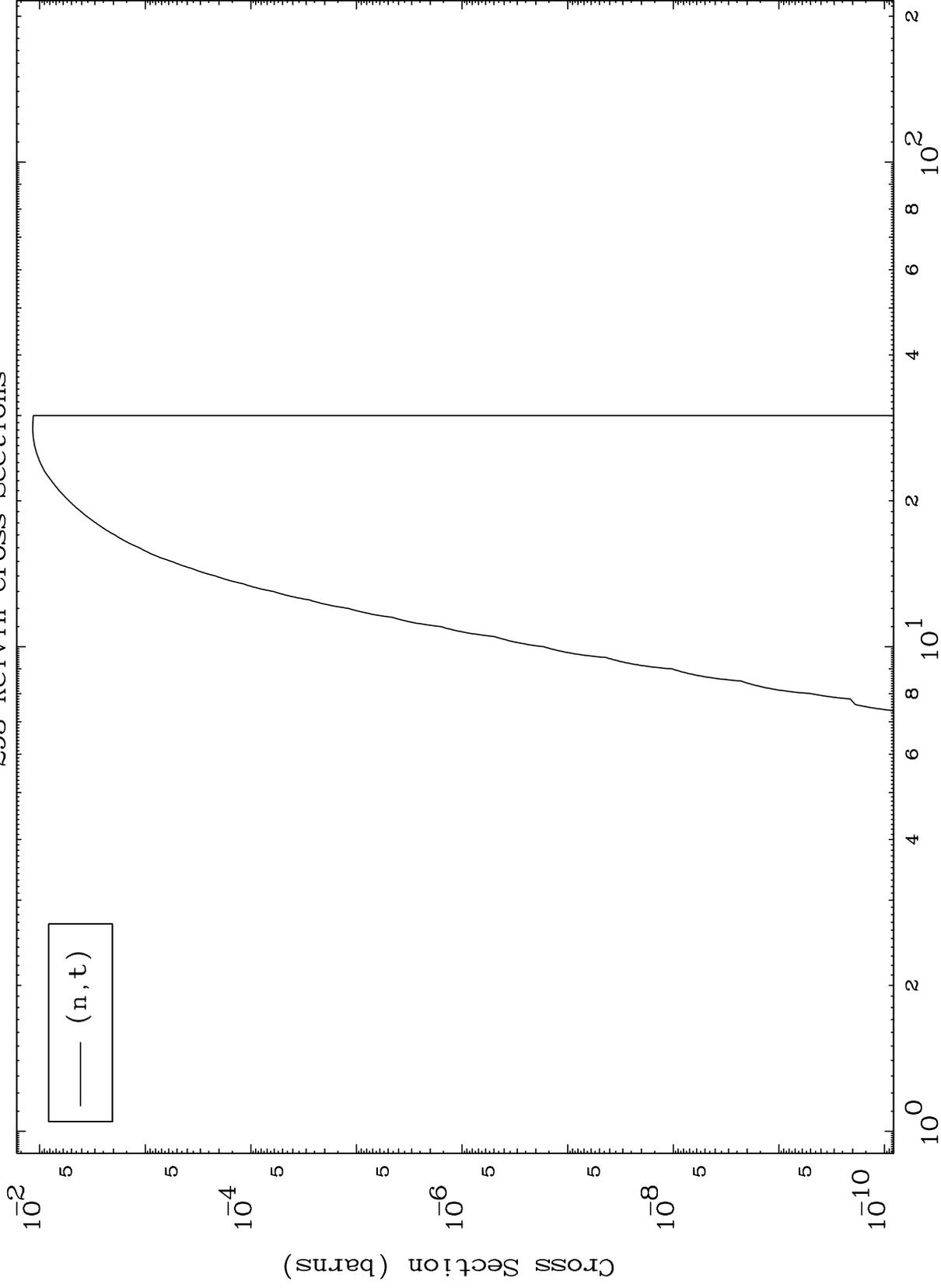


85-At-206

MAT 8534

(n,t) Levels  
293 Kelvin Cross Sections

85-At-206



Incident Energy (MeV)

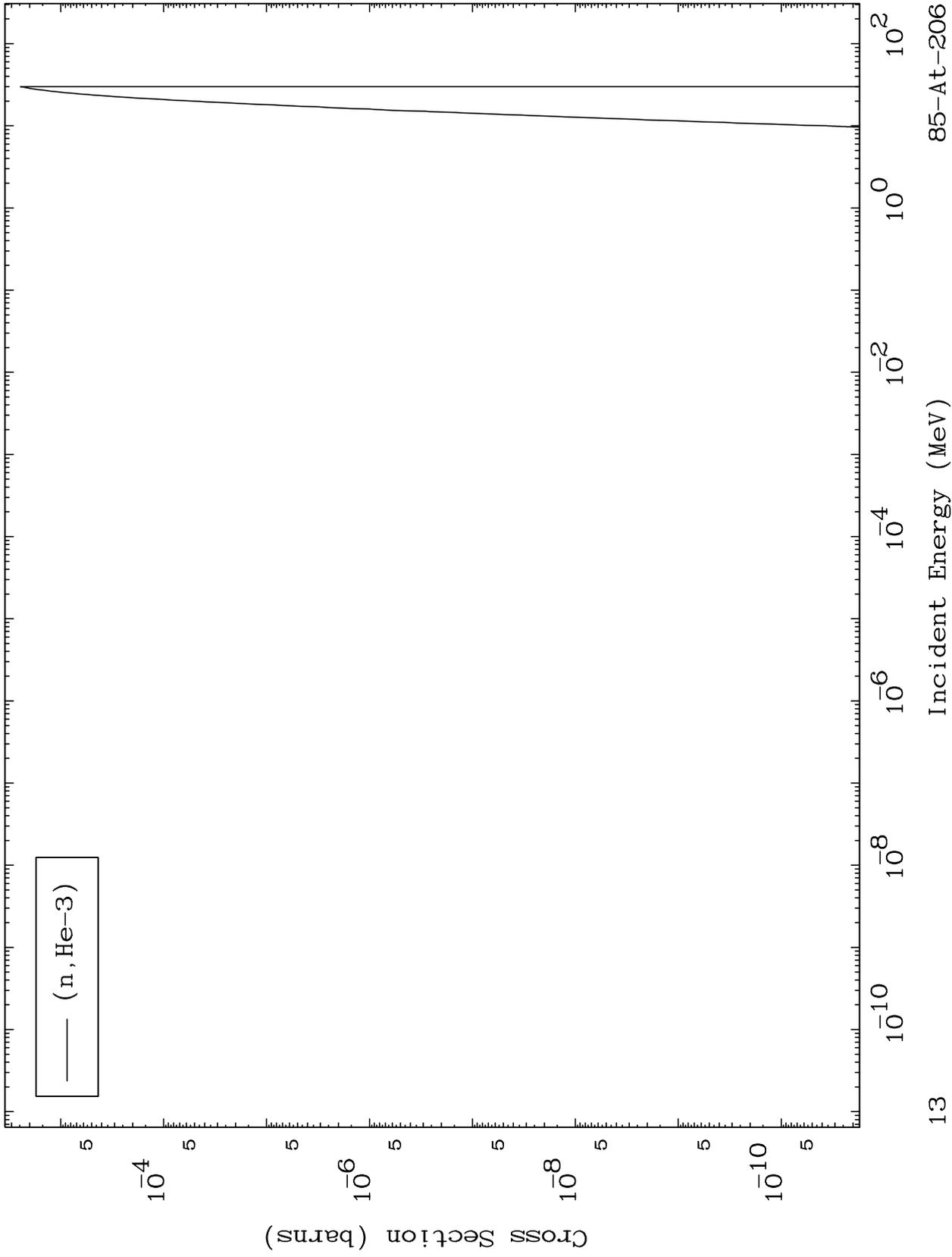
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12

MAT 8534

(n,He3) Levels  
293 Kelvin Cross Sections

85-At-206



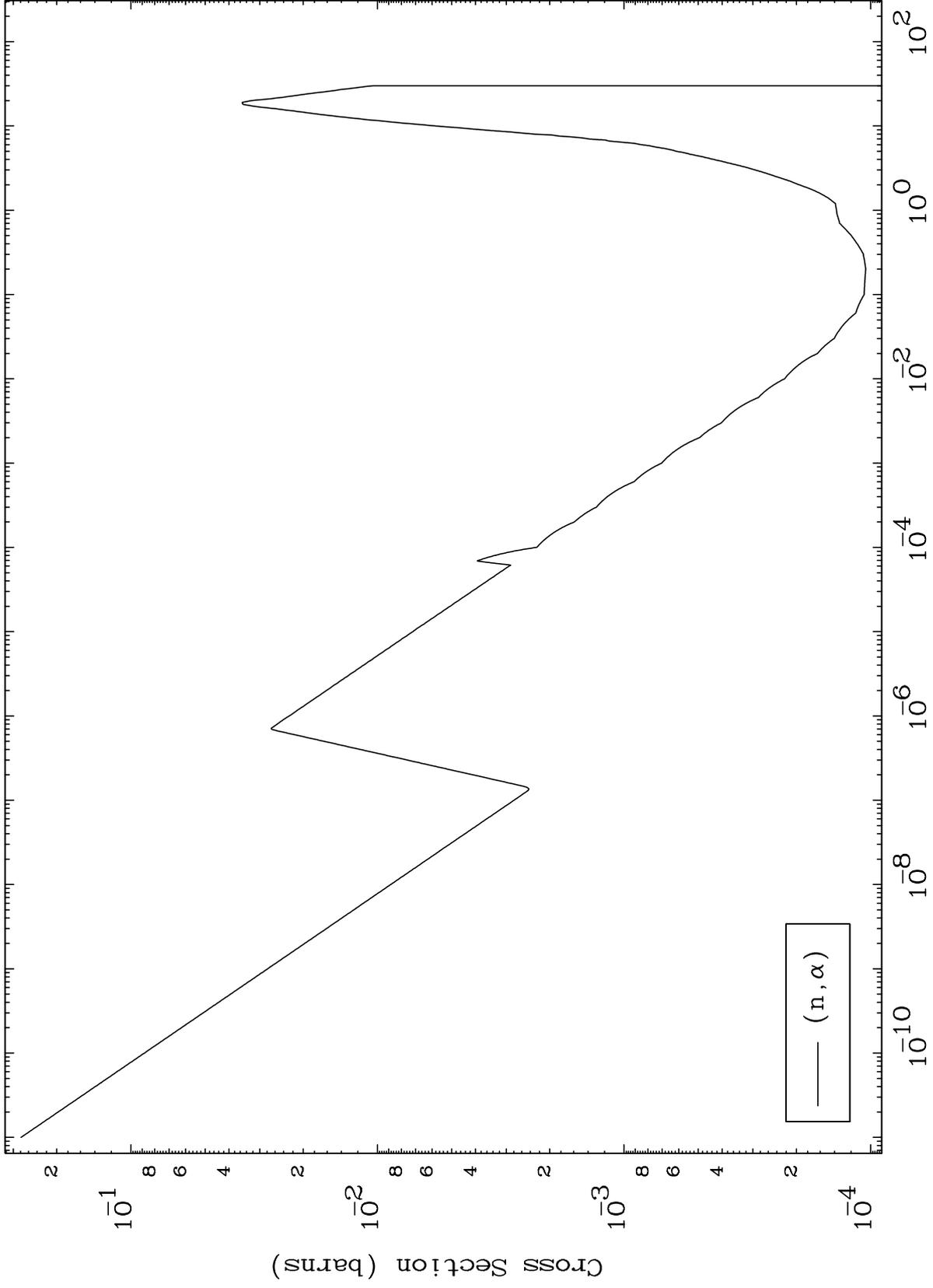
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85-At-206

MAT 8534

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

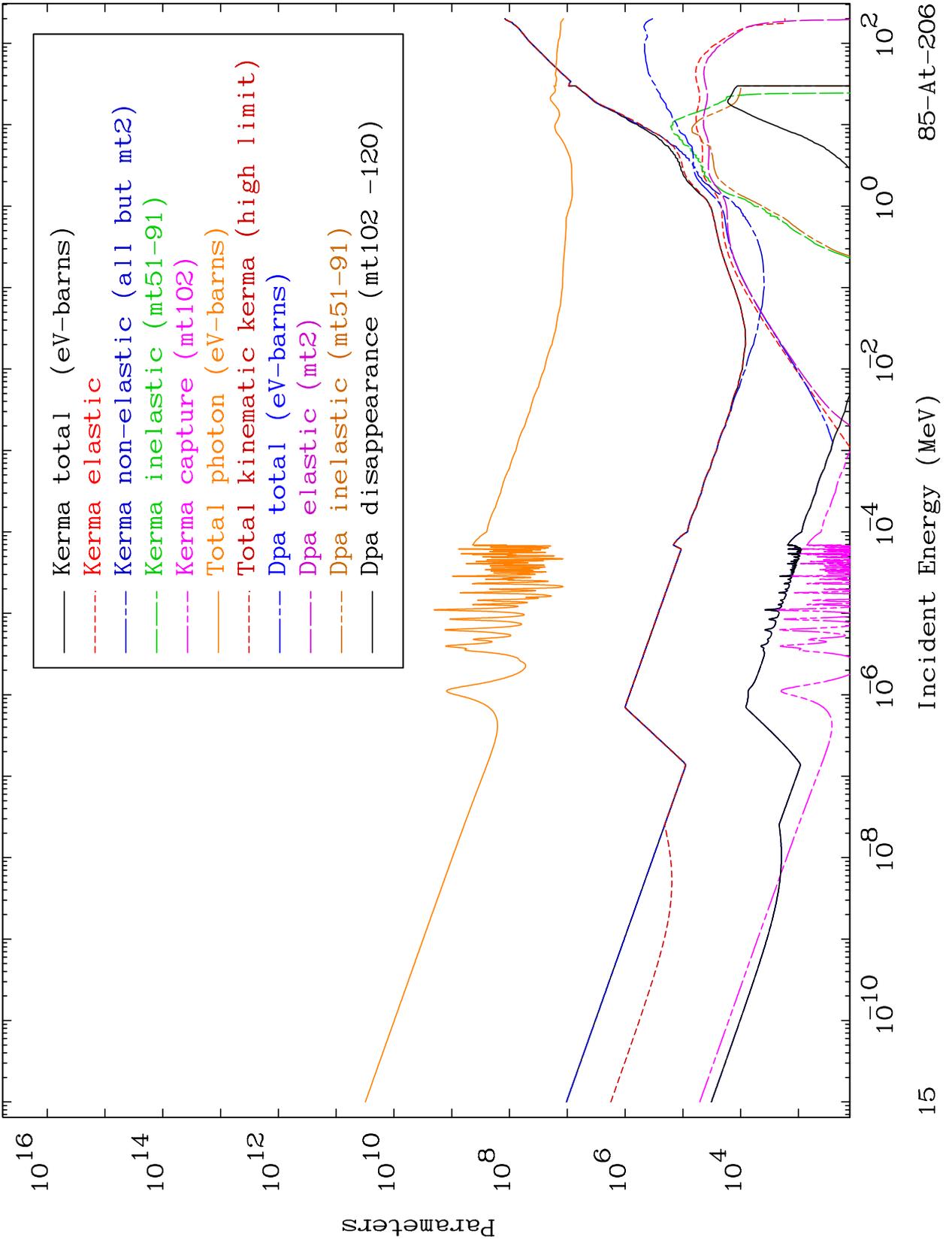
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14

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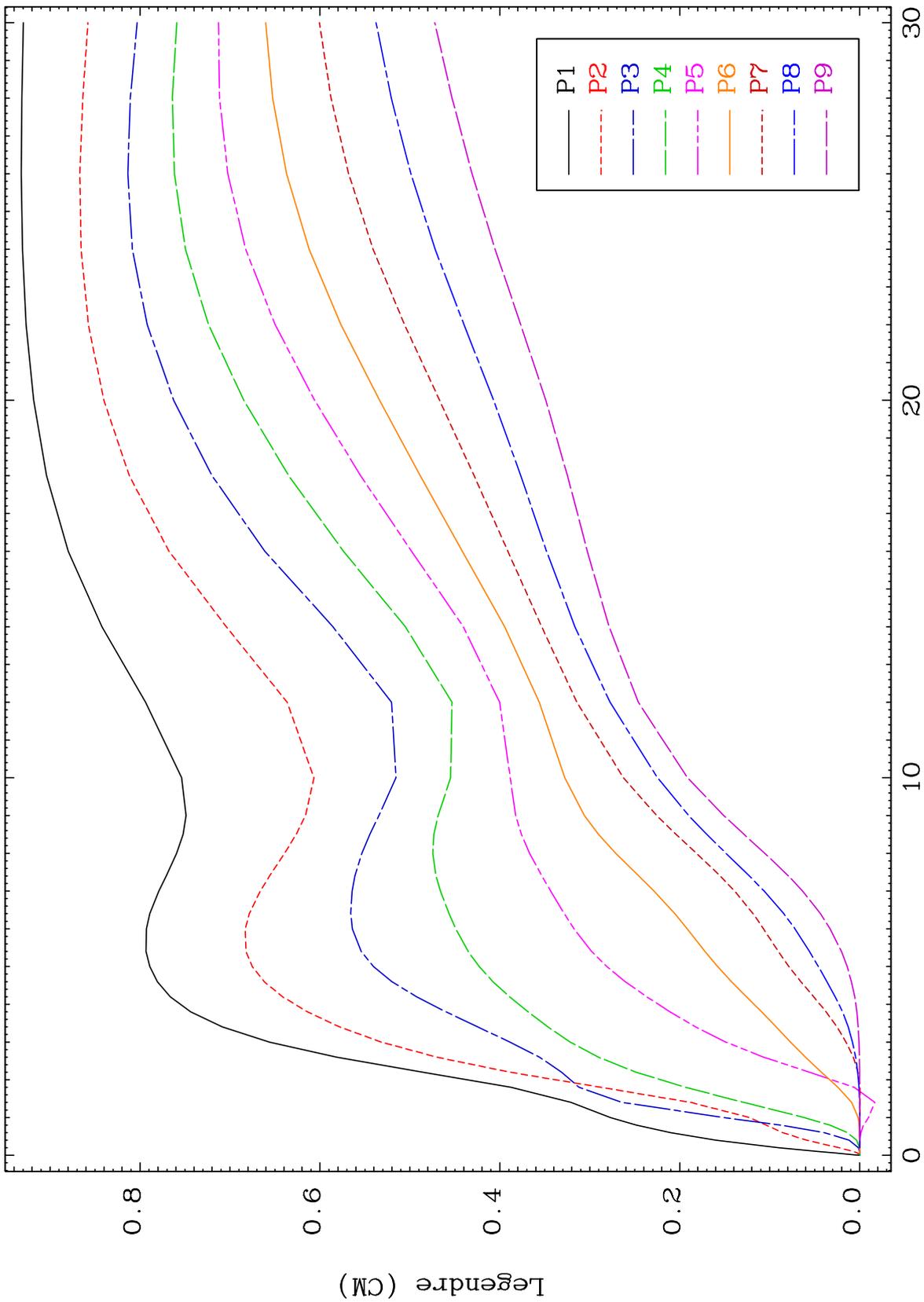
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MAT 8534

85-At-206

Elastic Legendre Coefficients



85-At-206

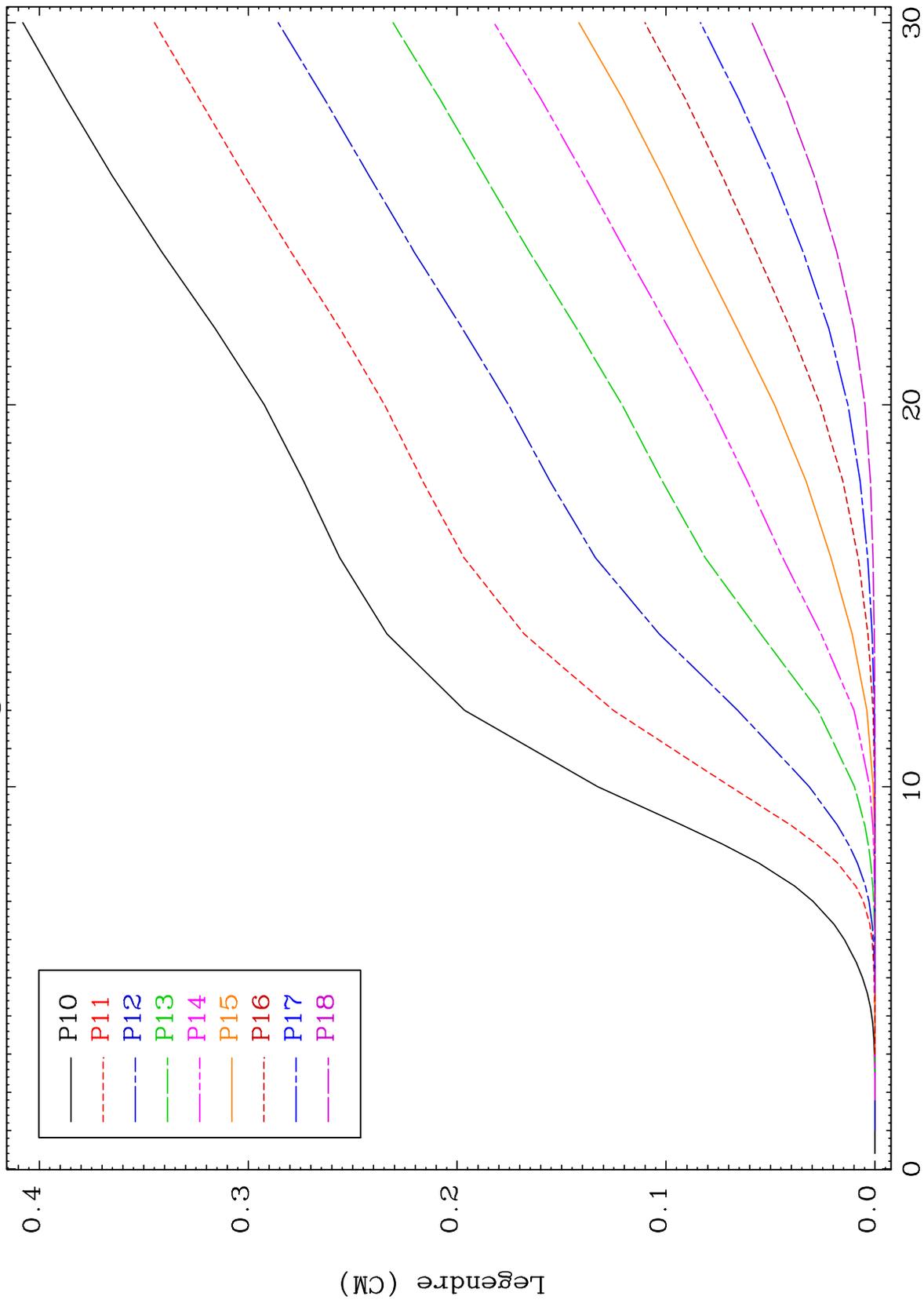
Incident Energy (MeV)

16

MAT 8534

Elastic Legendre Coefficients

85-At-206



17

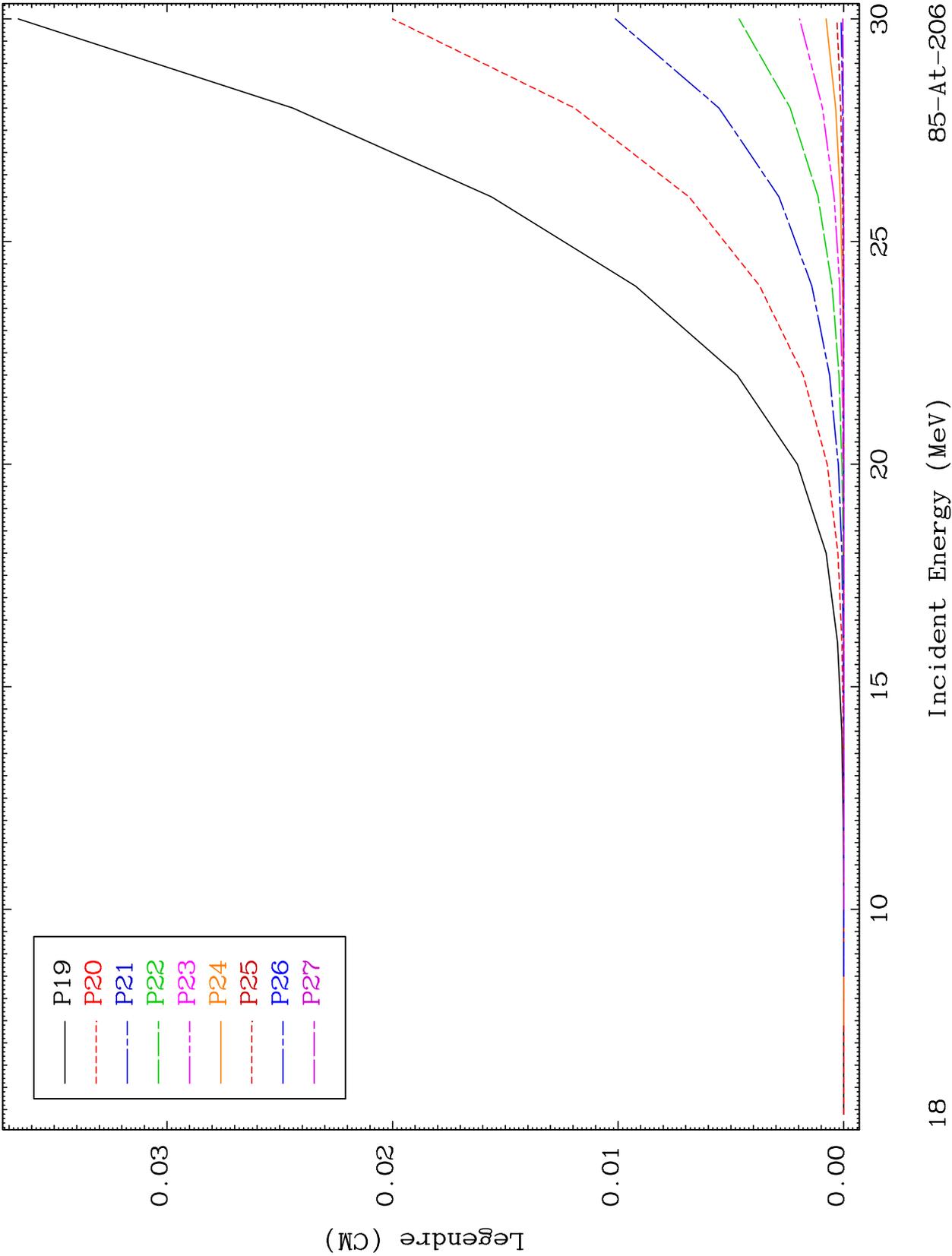
Incident Energy (MeV)

85-At-206

MAT 8534

### Elastic Legendre Coefficients

85-At-206



18

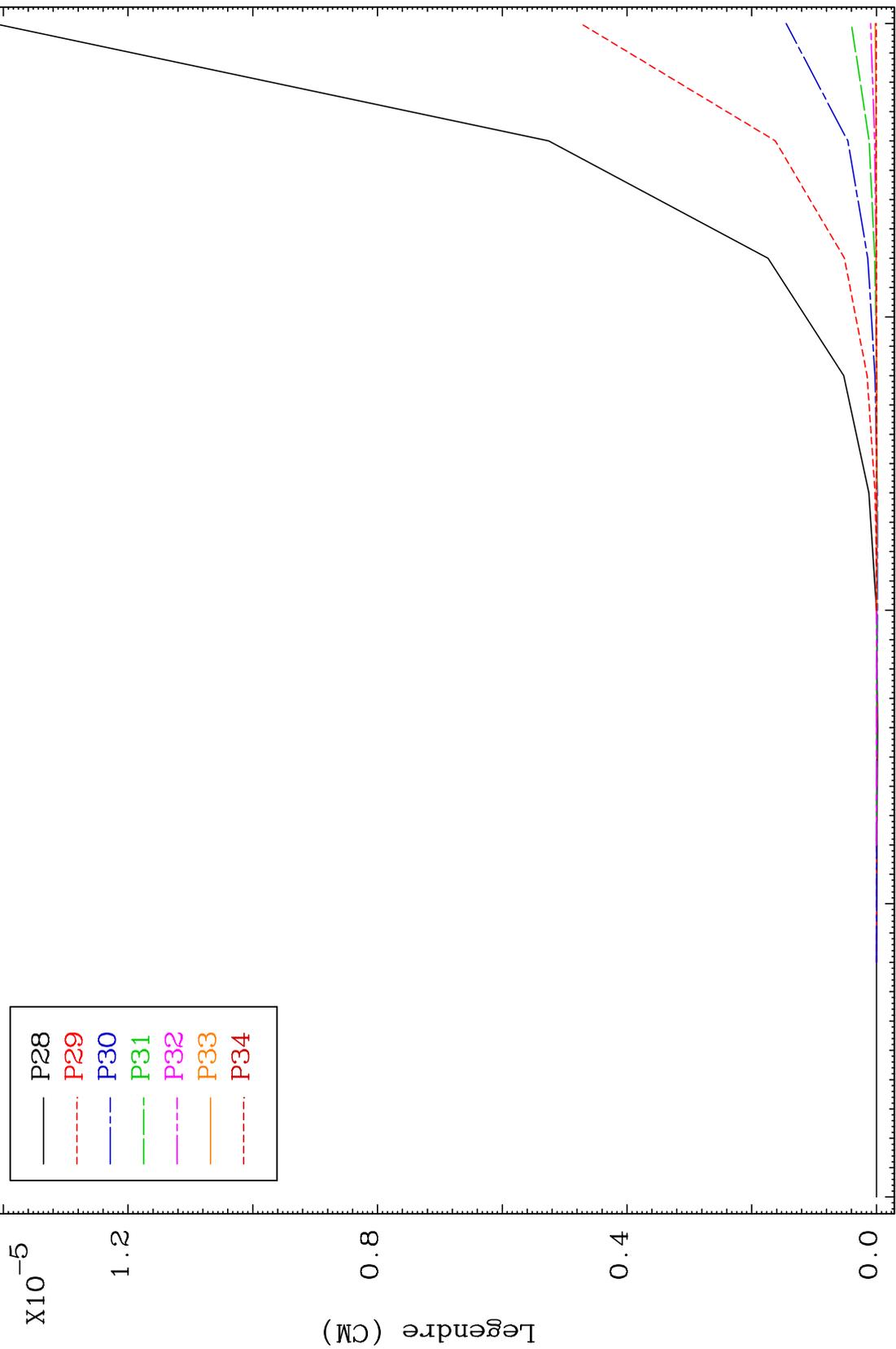
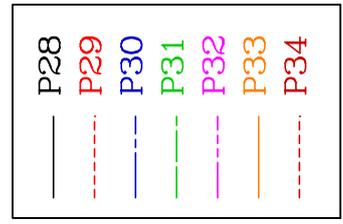
Incident Energy (MeV)

85-At-206

MAT 8534

Elastic Legendre Coefficients

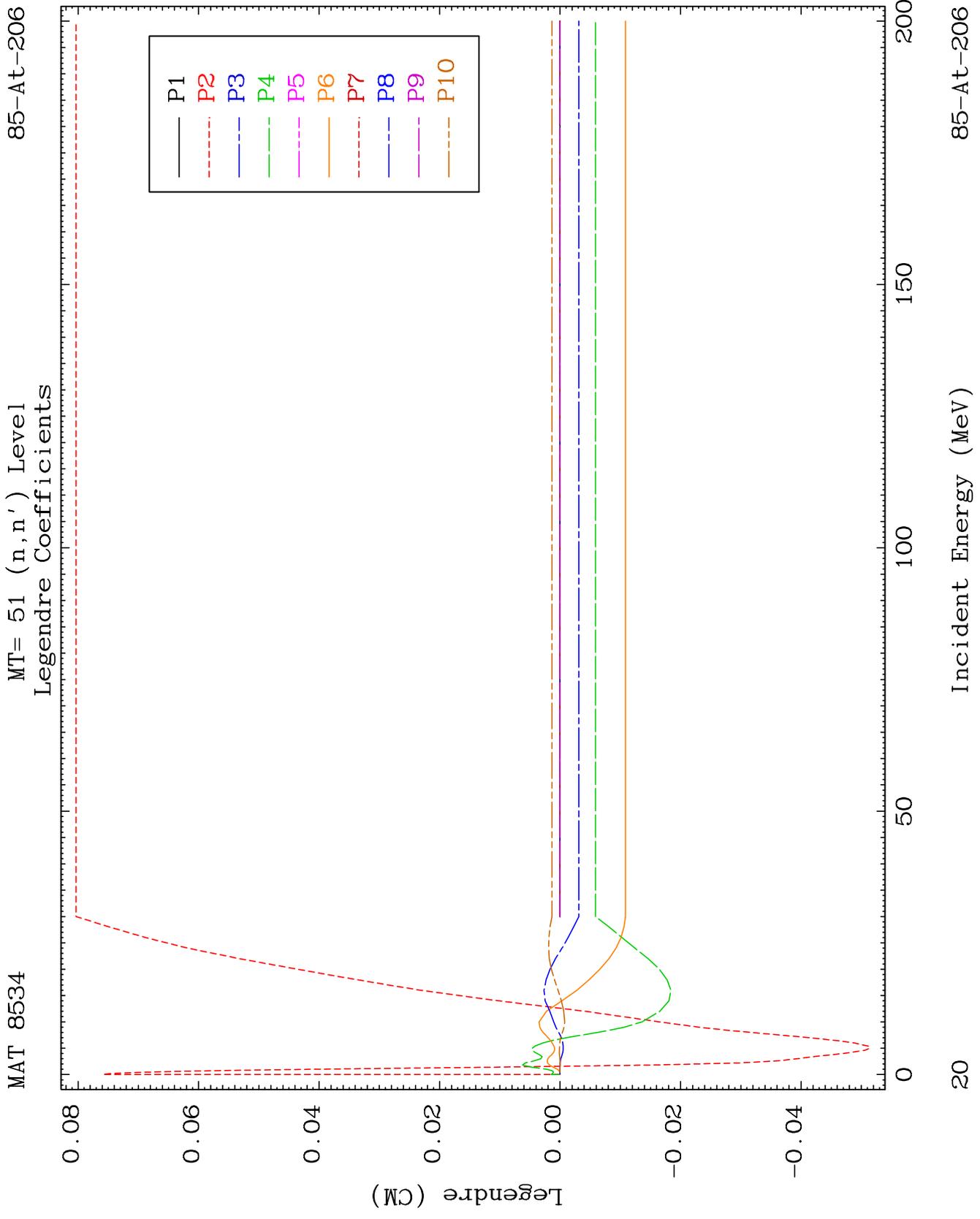
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19

Incident Energy (MeV)

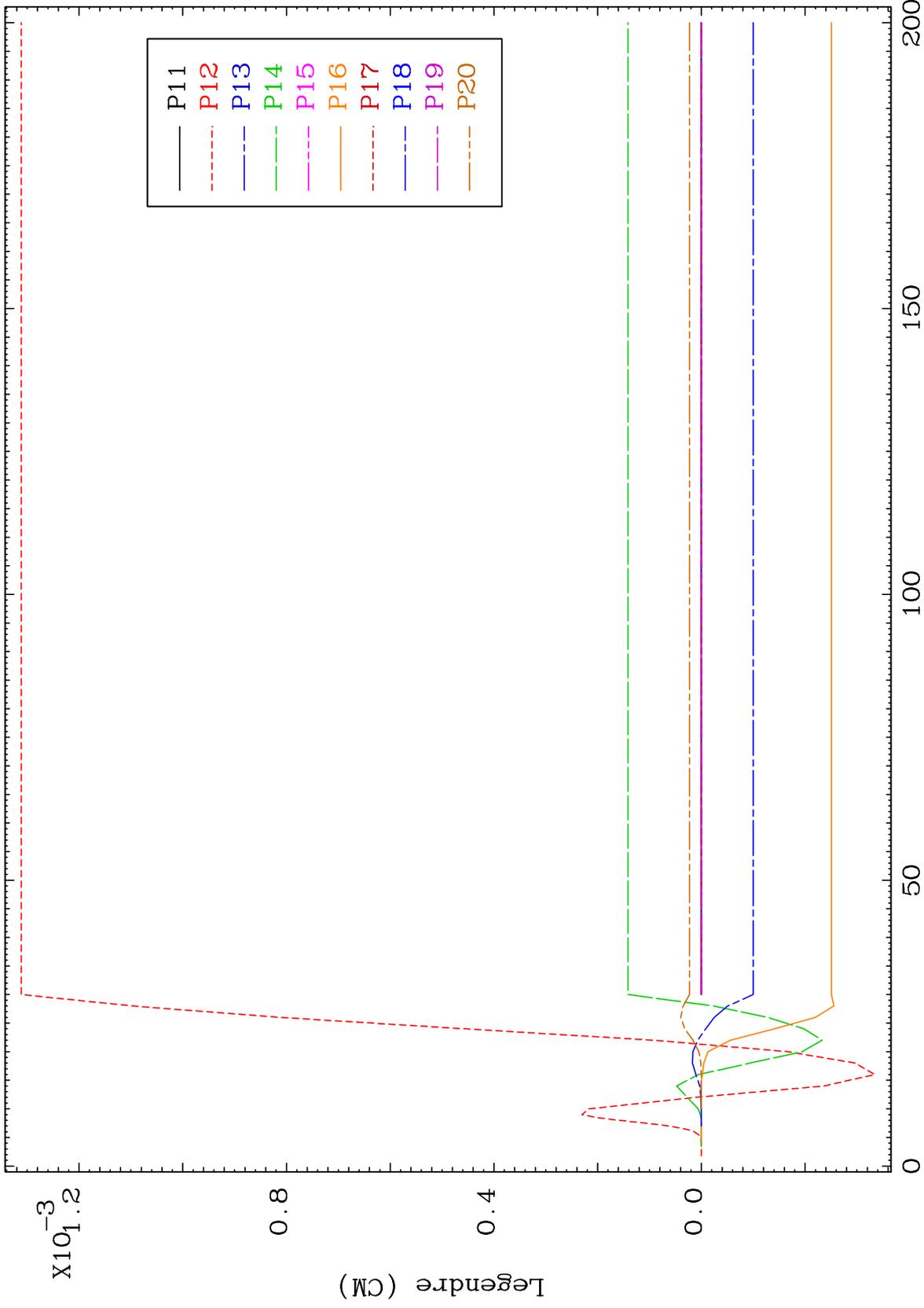
85-At-206



MAT 8534

MT= 51 (n,n') Level  
Legendre Coefficients

85-At-206



21

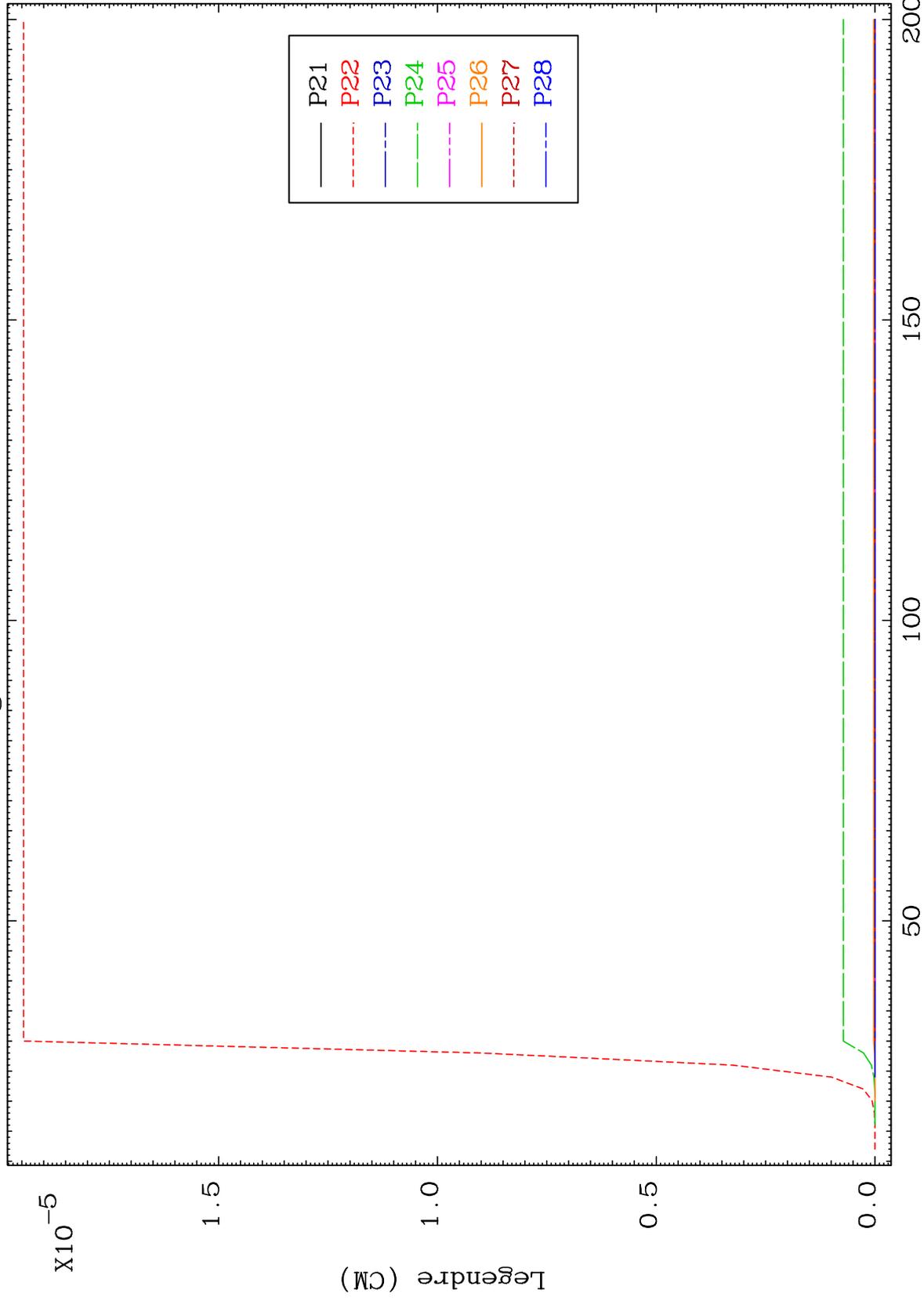
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 51 (n,n') Level  
Legendre Coefficients

85-At-206



22

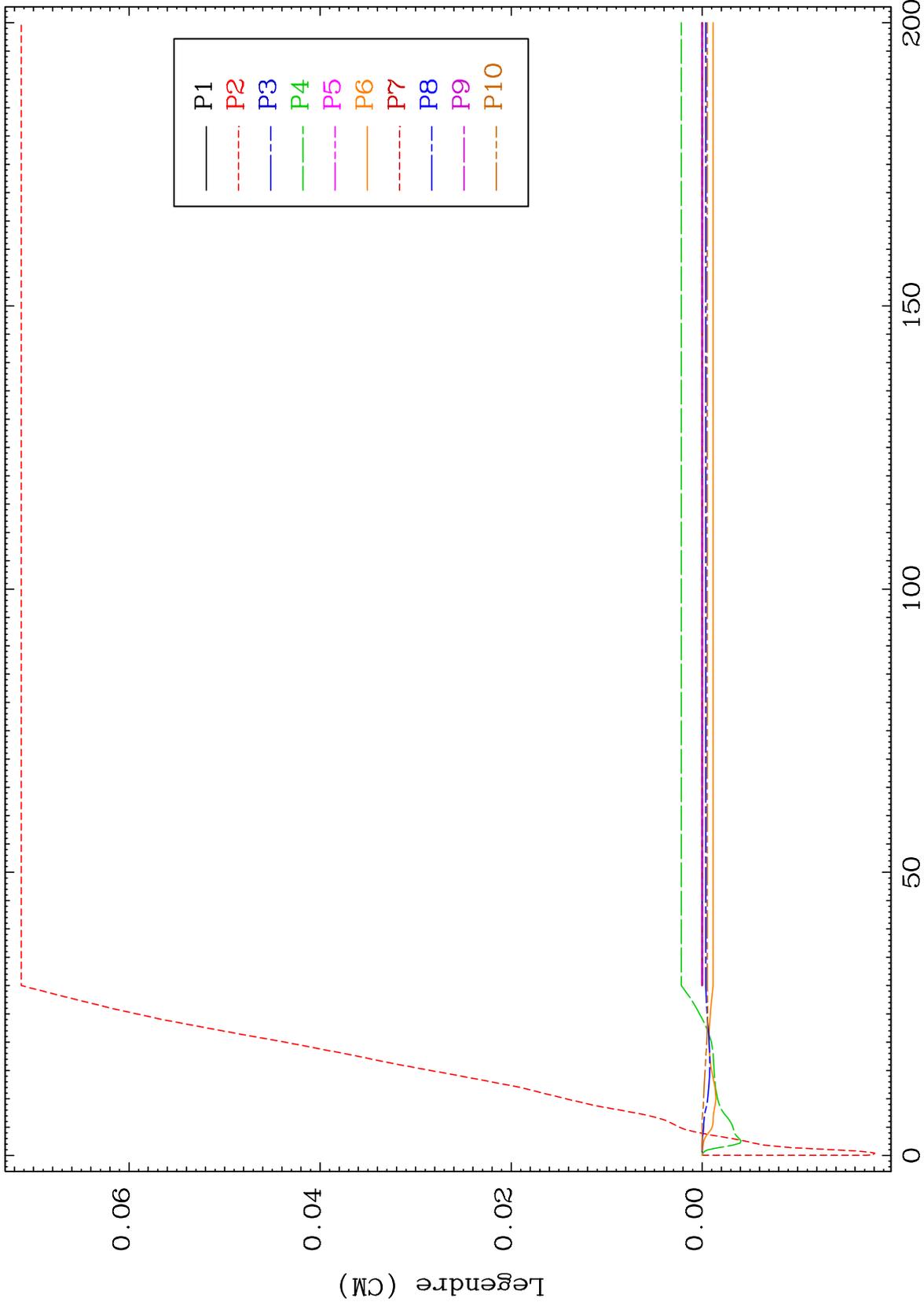
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 52 (n,n') Level  
Legendre Coefficients

85-At-206



23

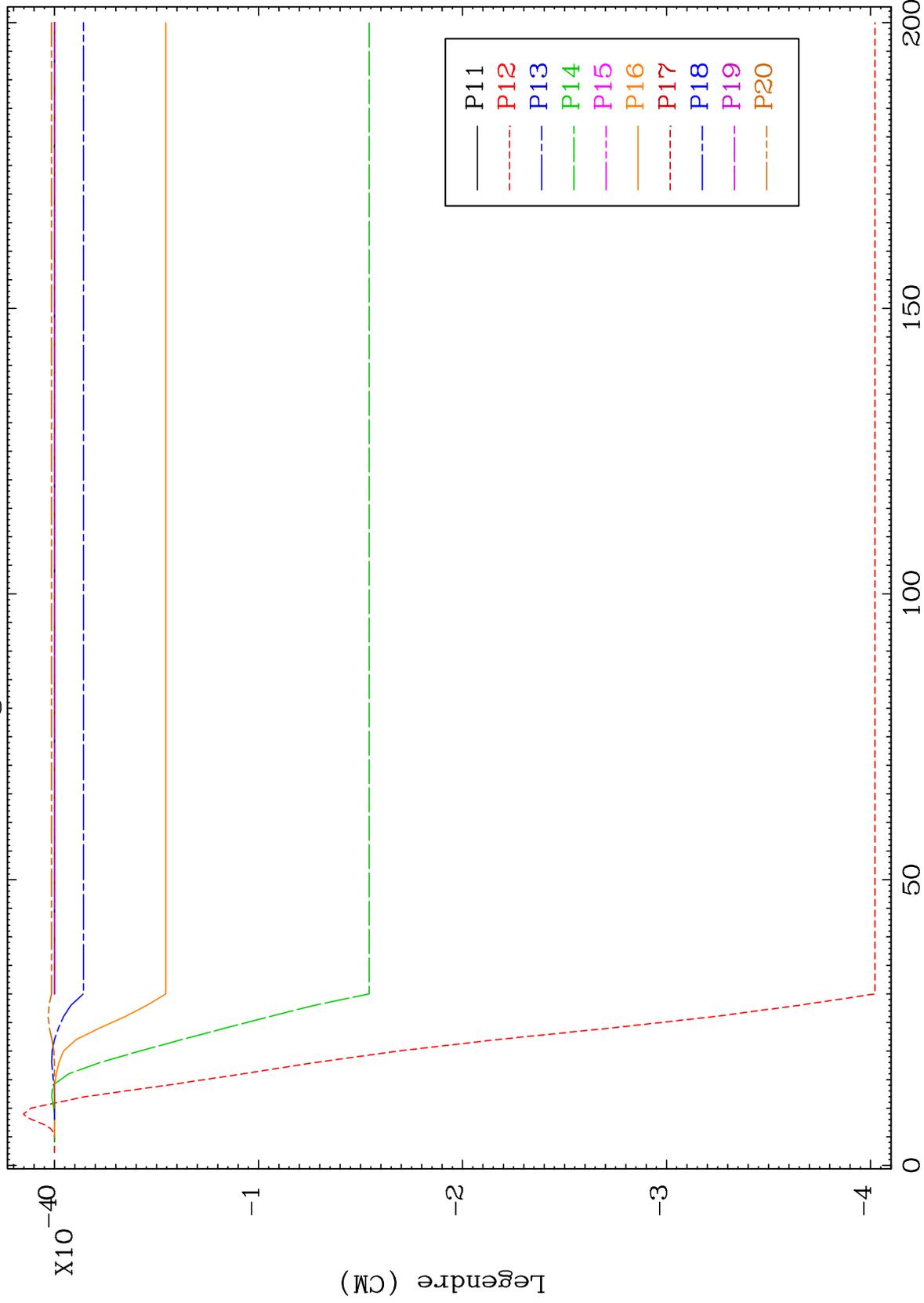
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 52 (n,n') Level  
Legendre Coefficients

85-At-206



24

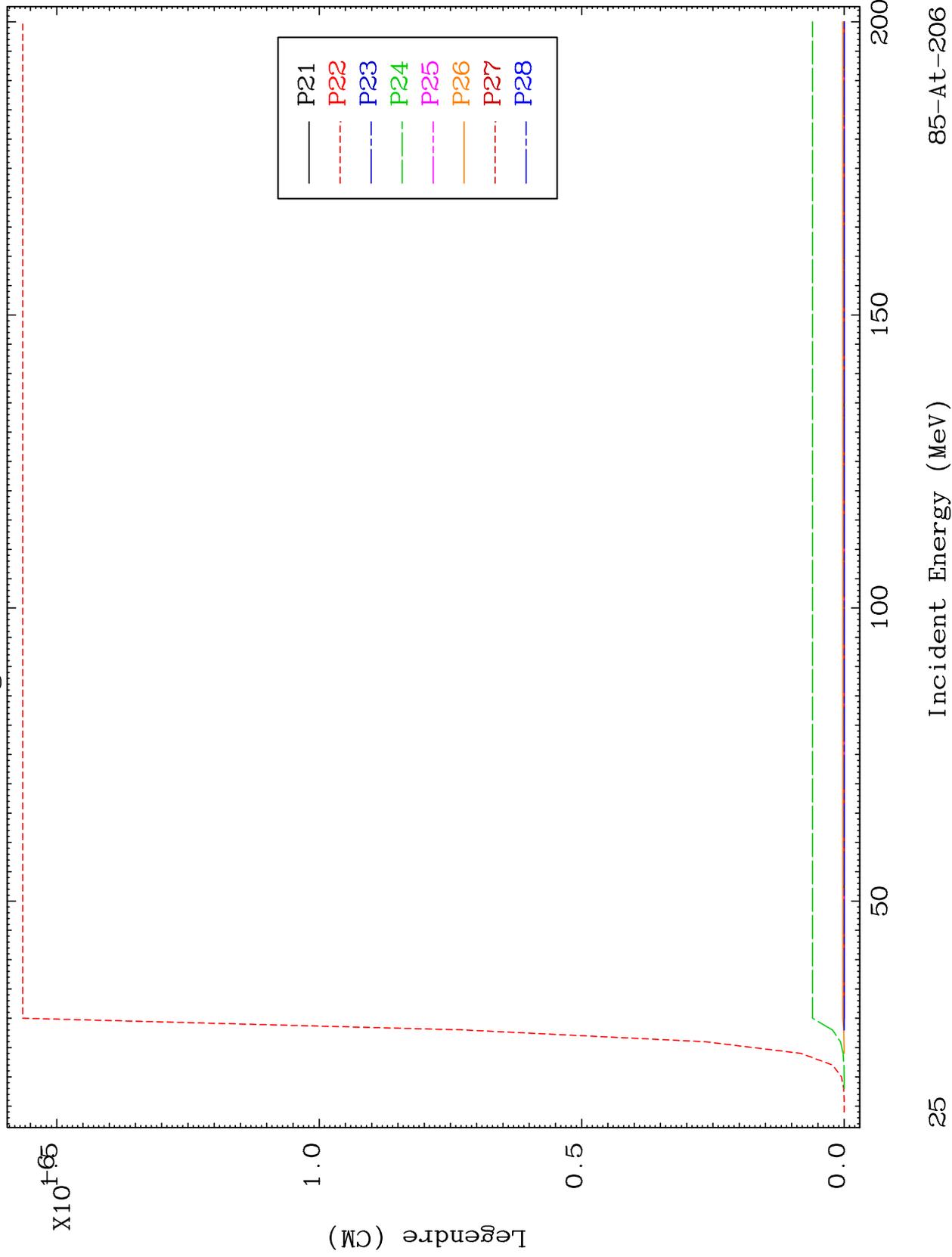
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 52 (n,n') Level  
Legendre Coefficients

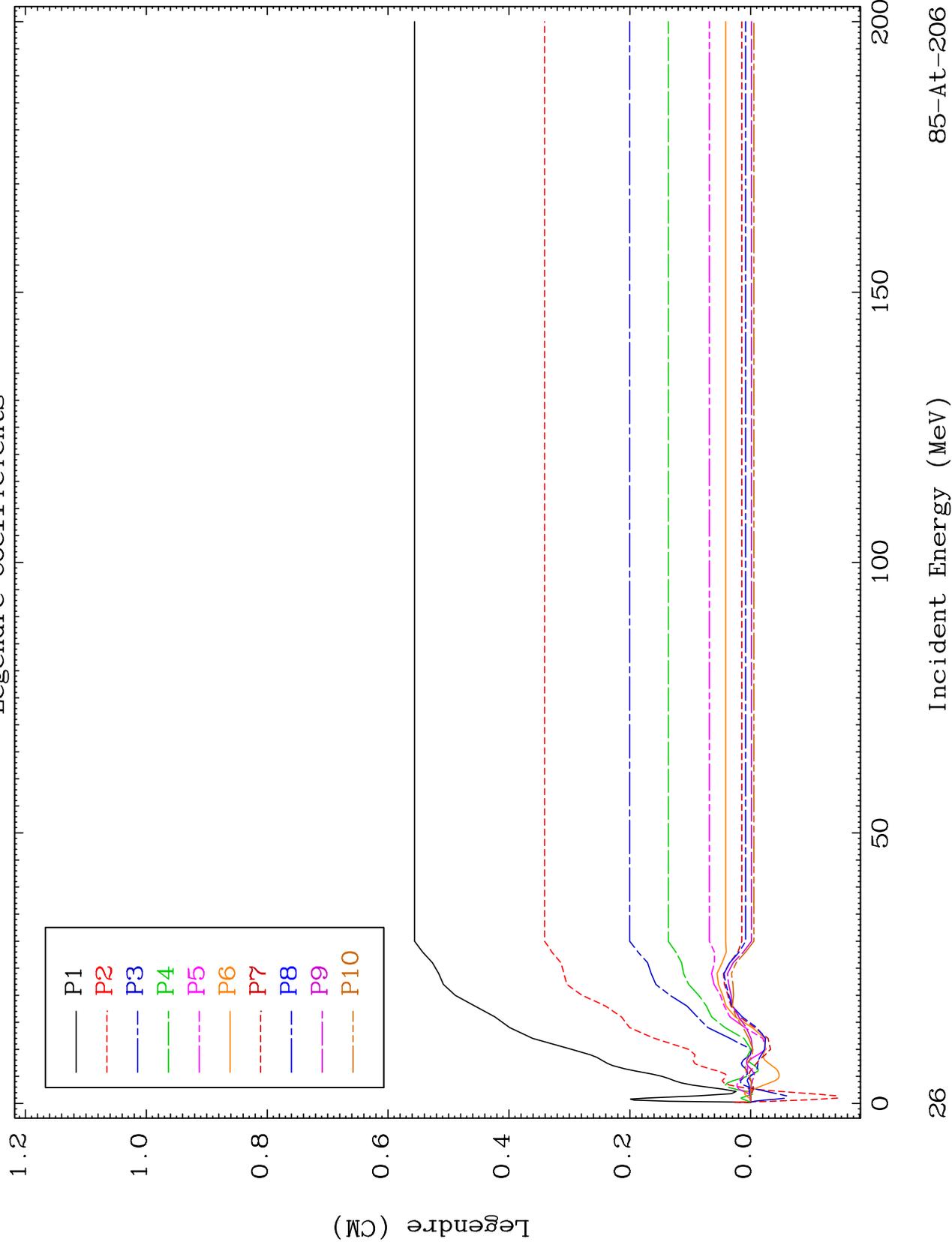
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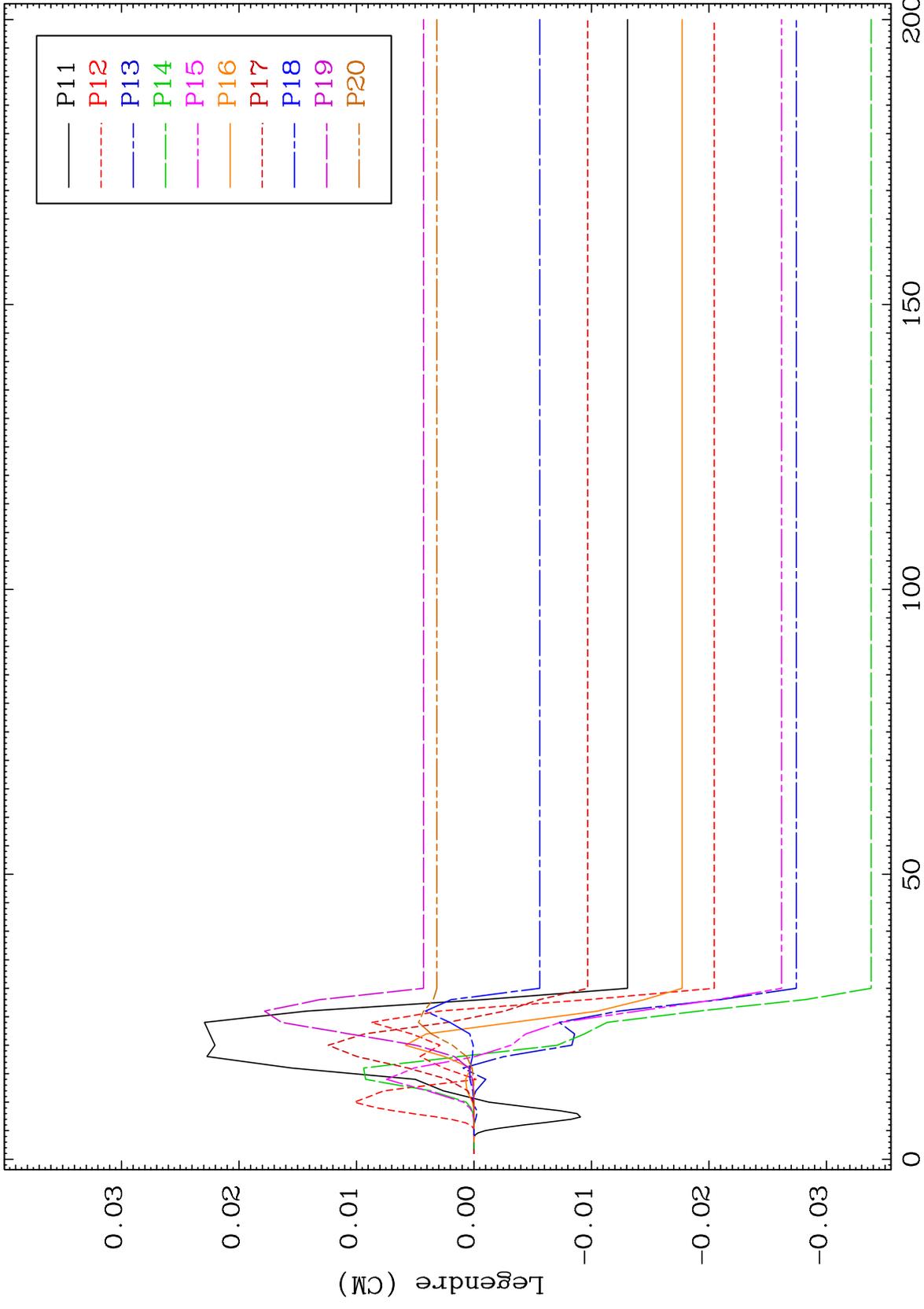


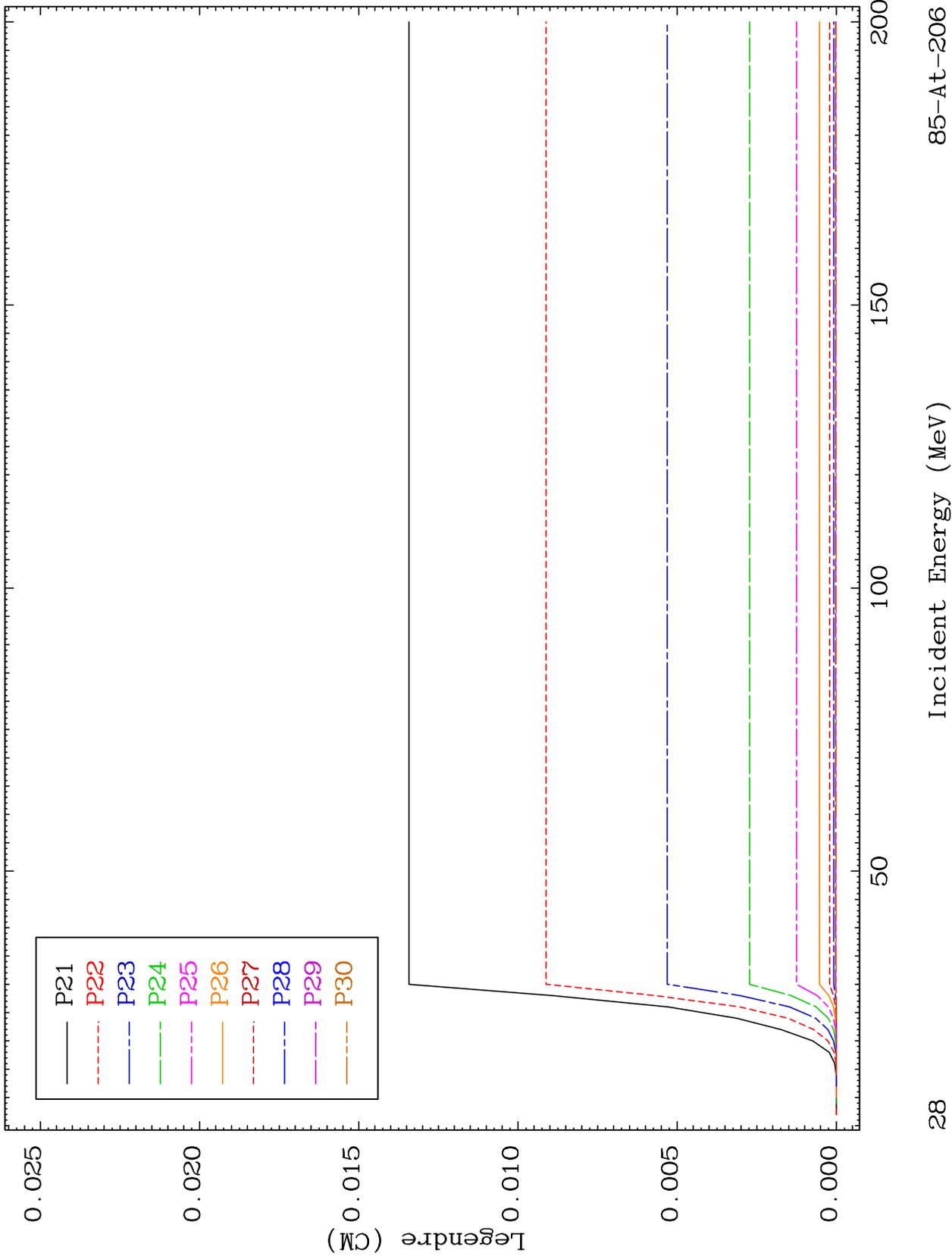
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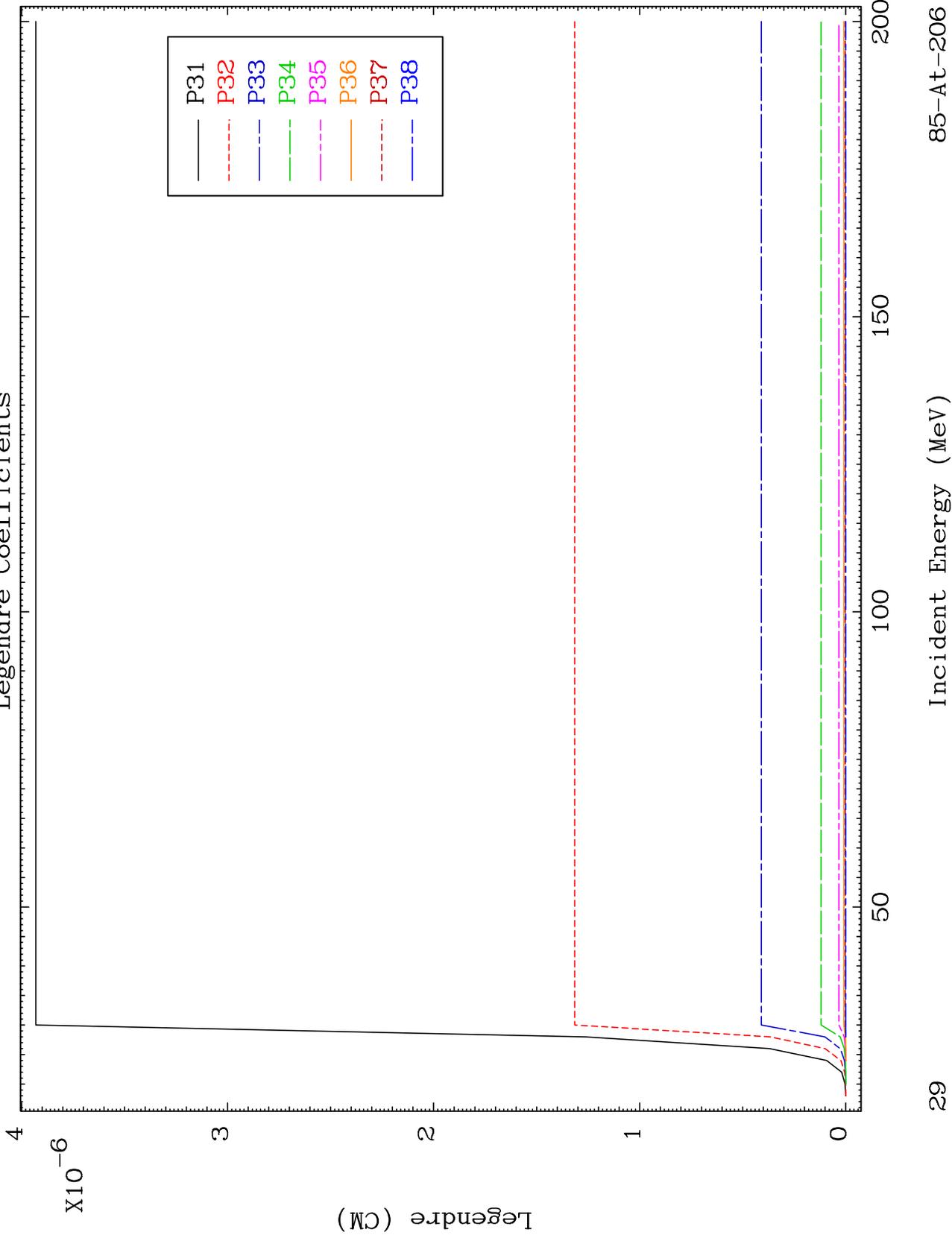
Incident Energy (MeV)

85-At-206







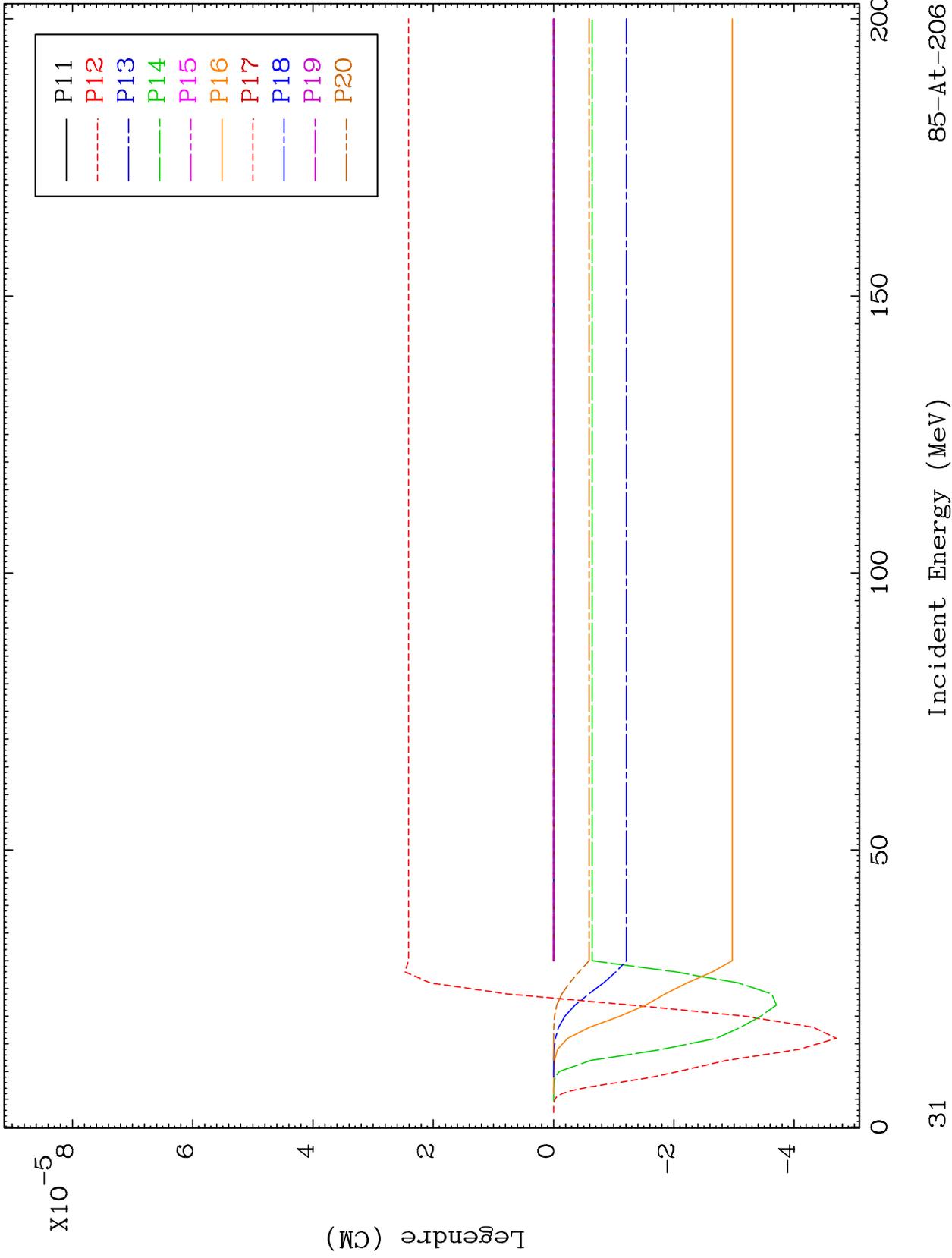




MAT 8534

MT= 54 (n,n') Level  
Legendre Coefficients

85-At-206



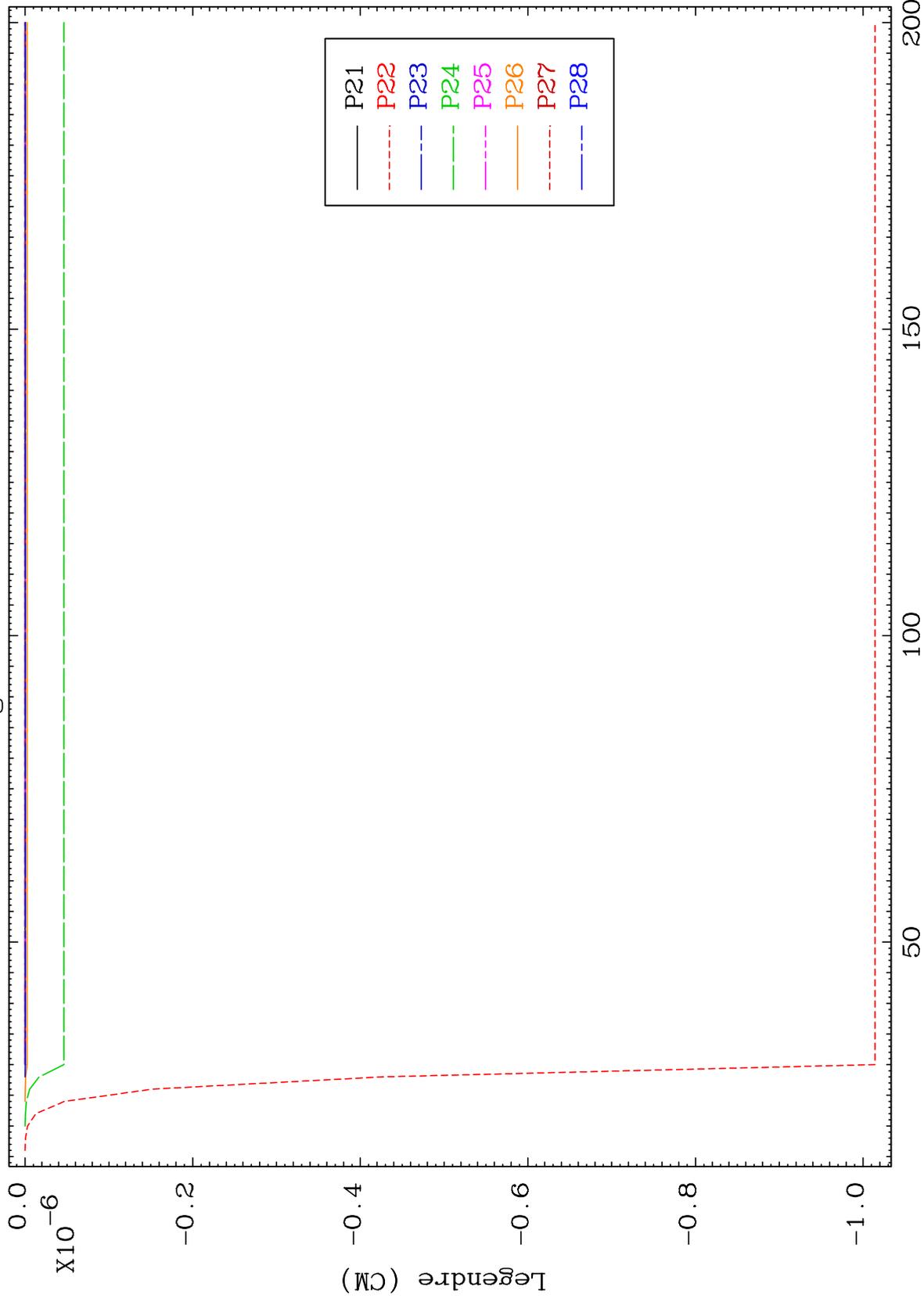
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85-At-206

MAT 8534

MT= 54 (n,n') Level  
Legendre Coefficients

85-At-206



32

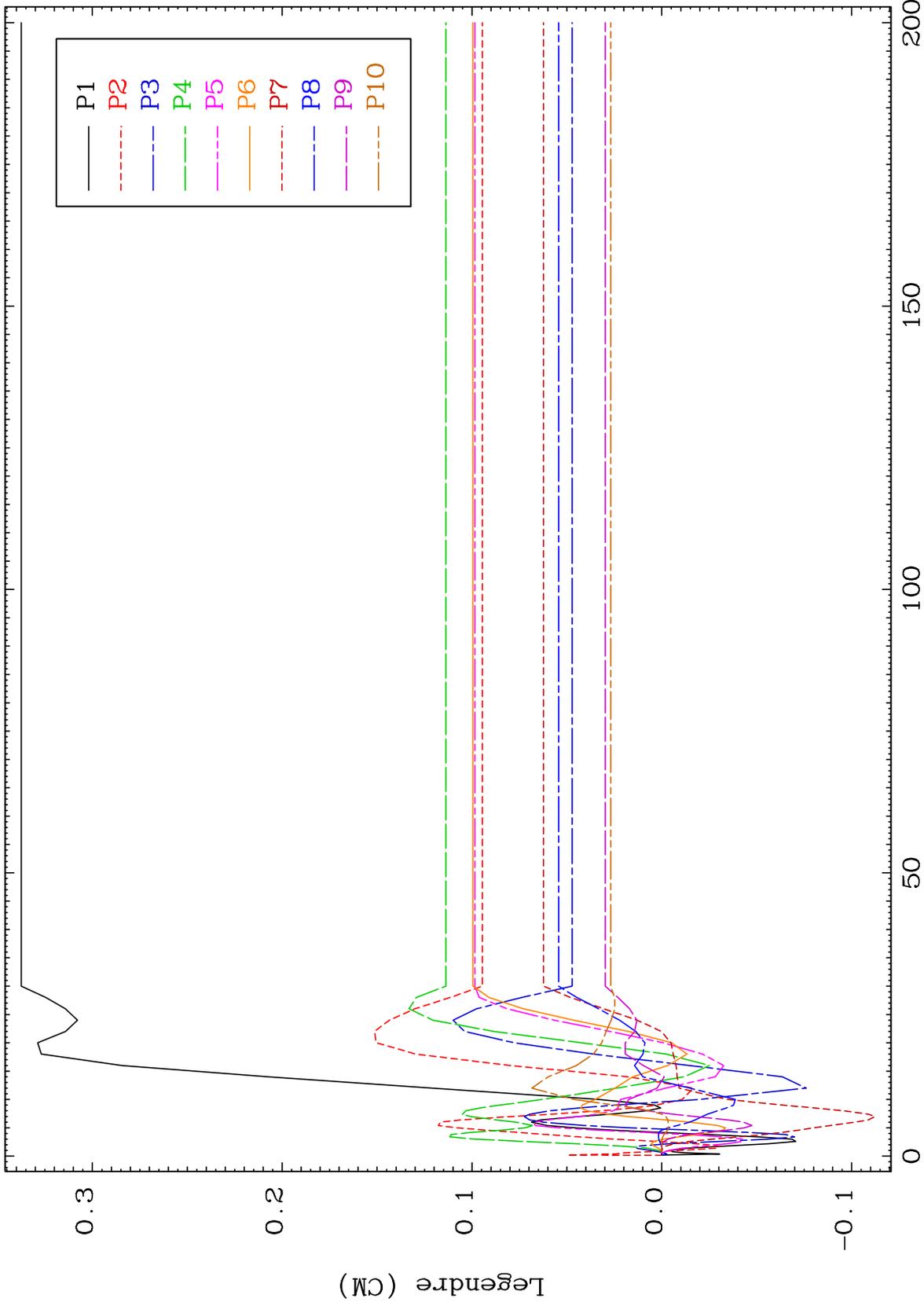
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 55 (n,n') Level  
Legendre Coefficients

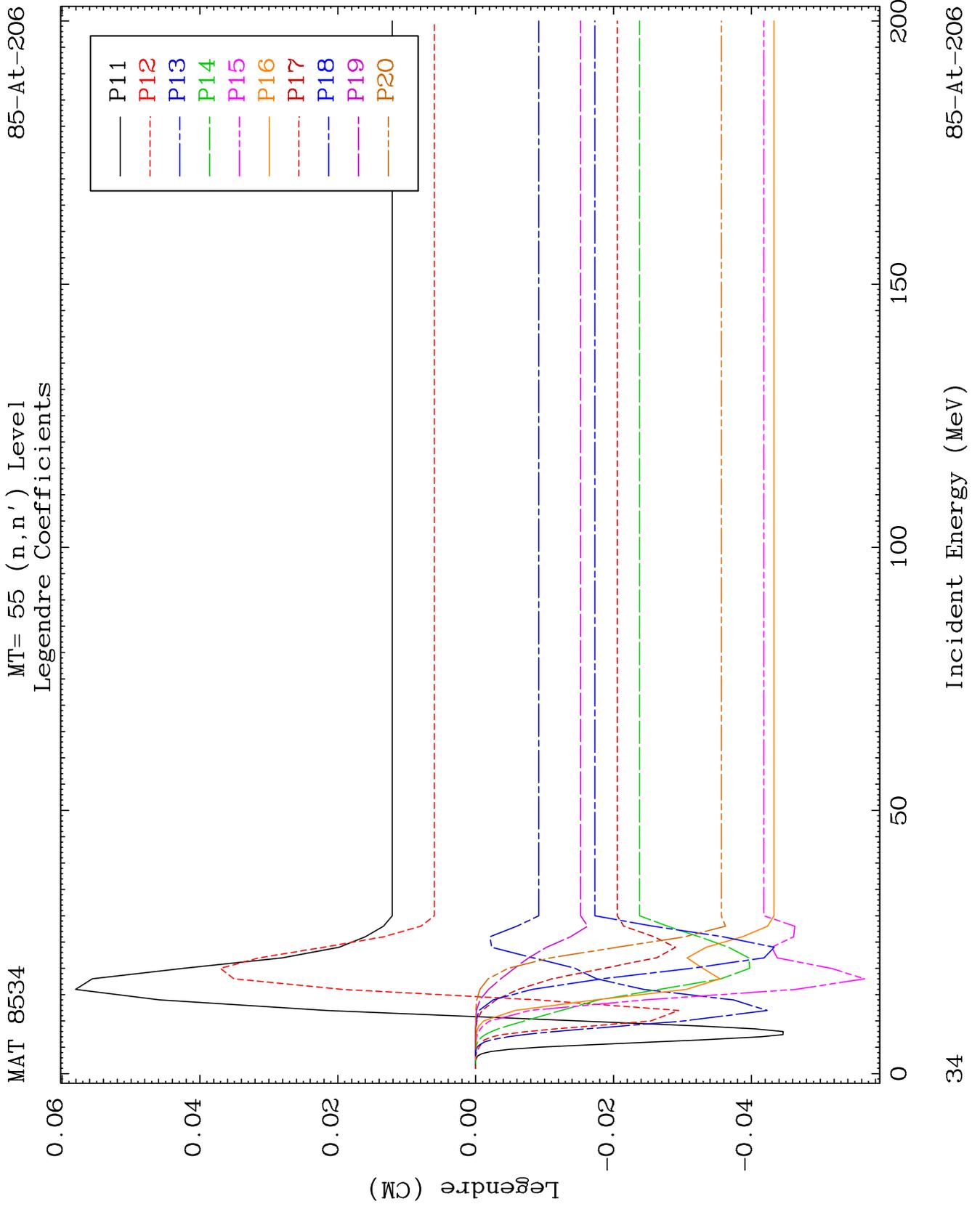
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Incident Energy (MeV)

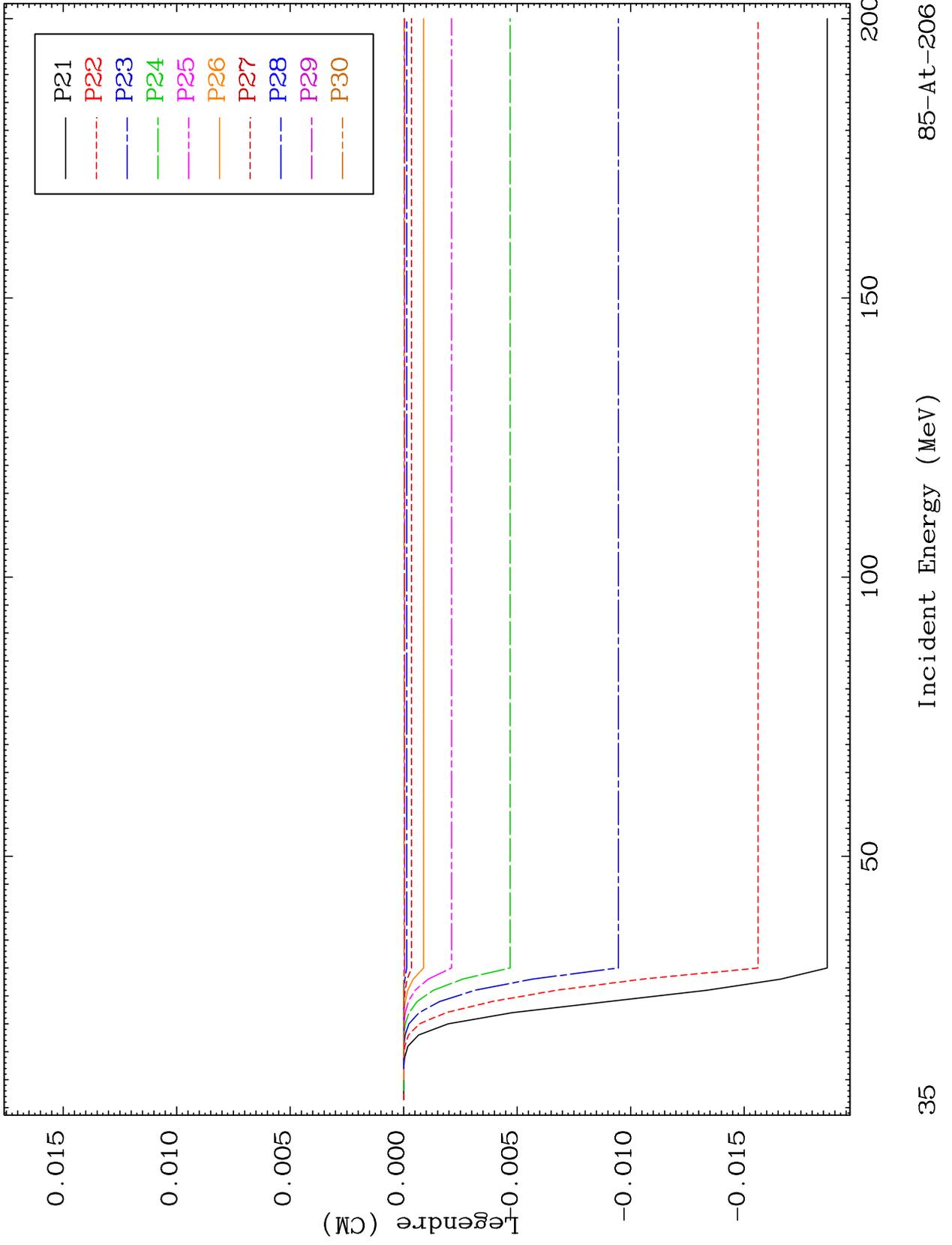
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MAT 8534

MT= 55 (n,n') Level  
Legendre Coefficients

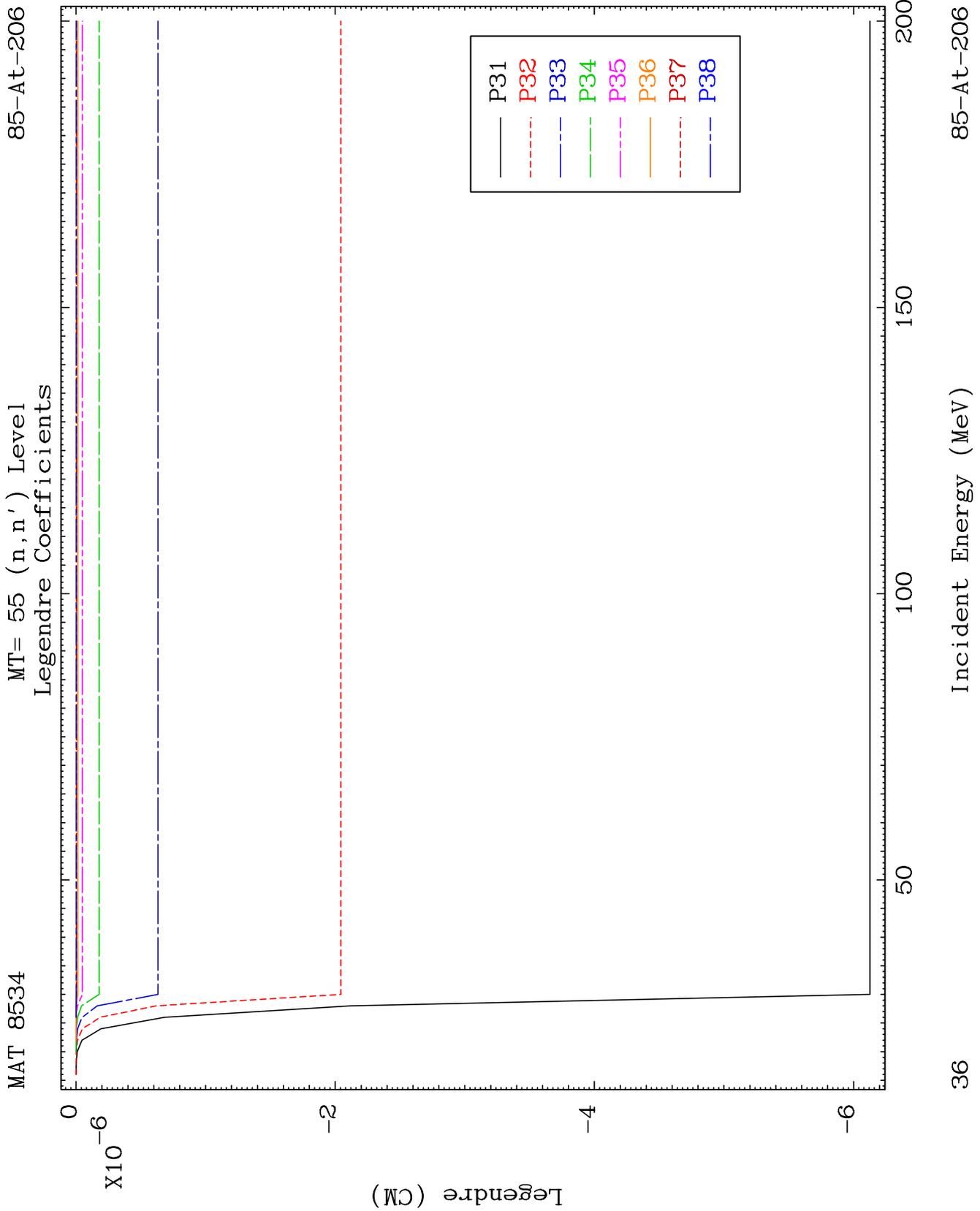
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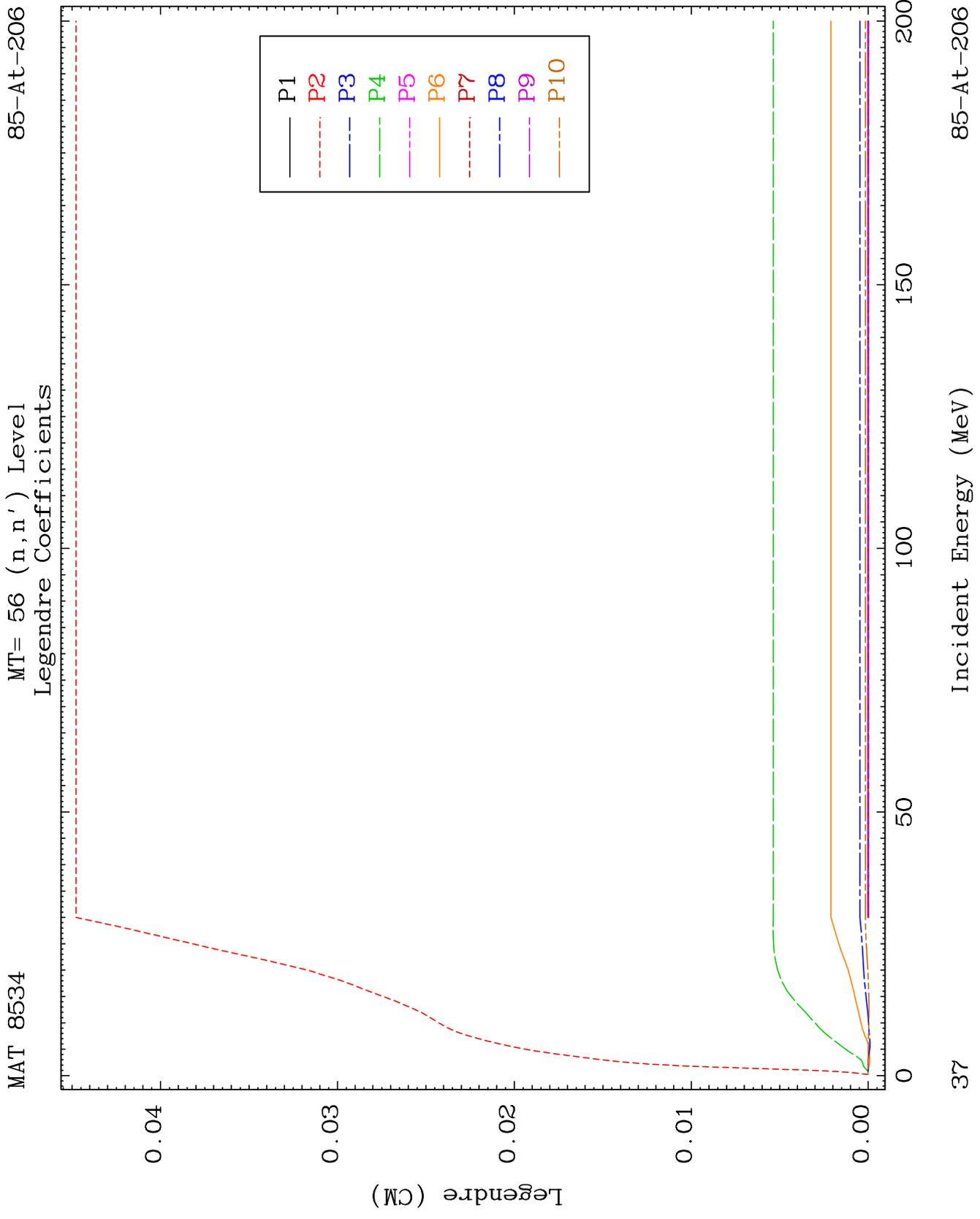


35

Incident Energy (MeV)

85-At-206

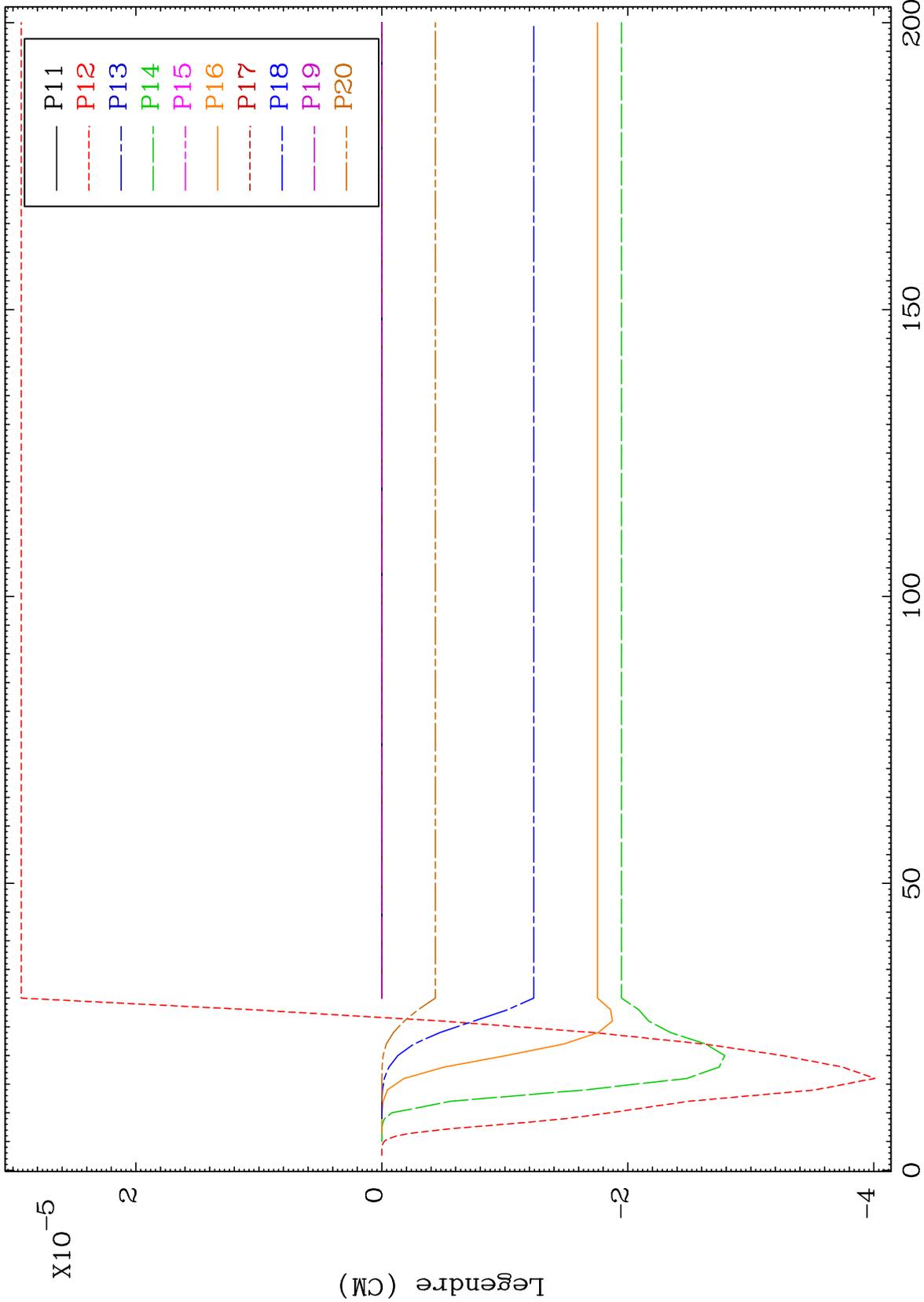




MAT 8534

MT= 56 (n,n') Level  
Legendre Coefficients

85-At-206



38

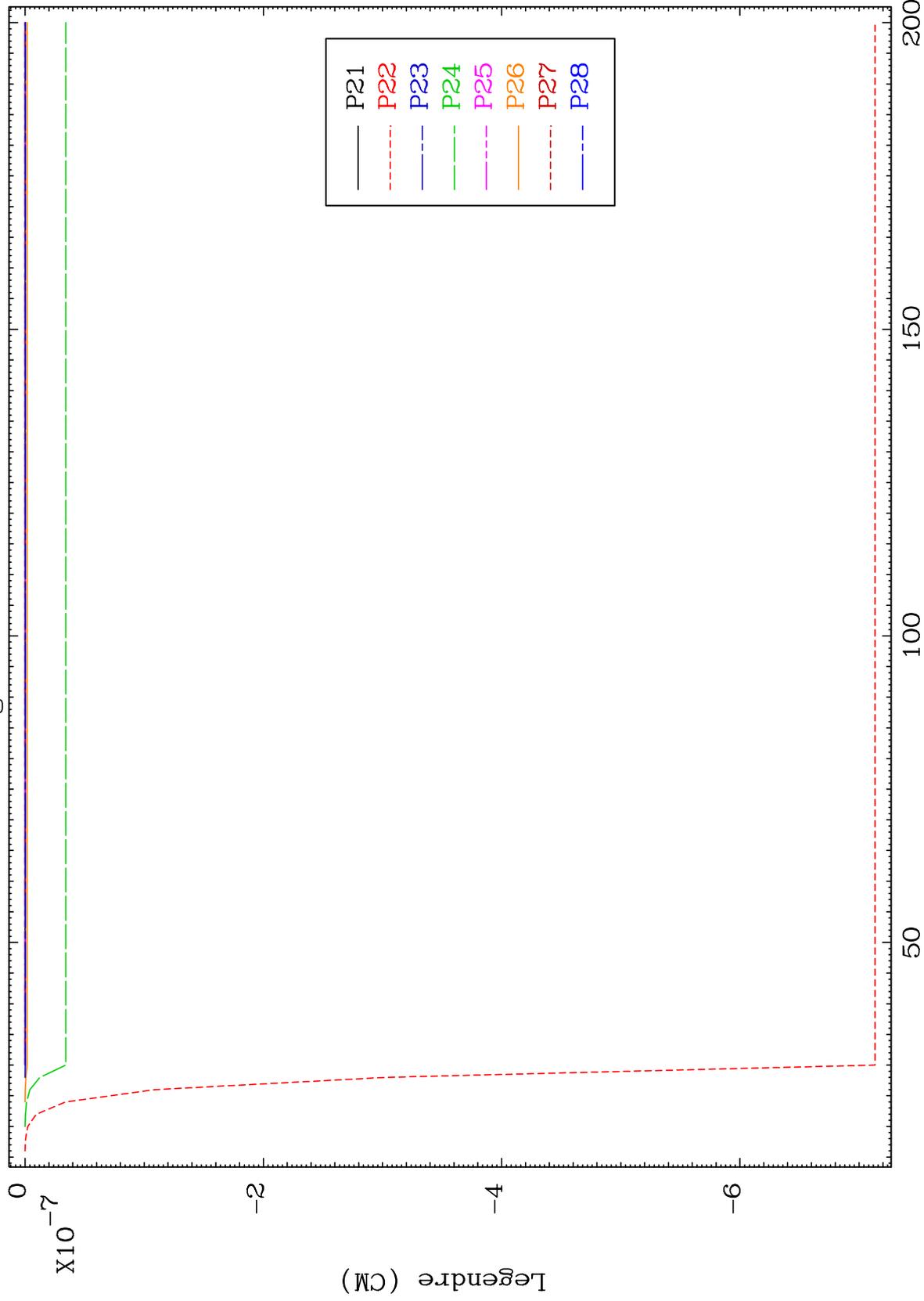
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 56 (n,n') Level  
Legendre Coefficients

85-At-206



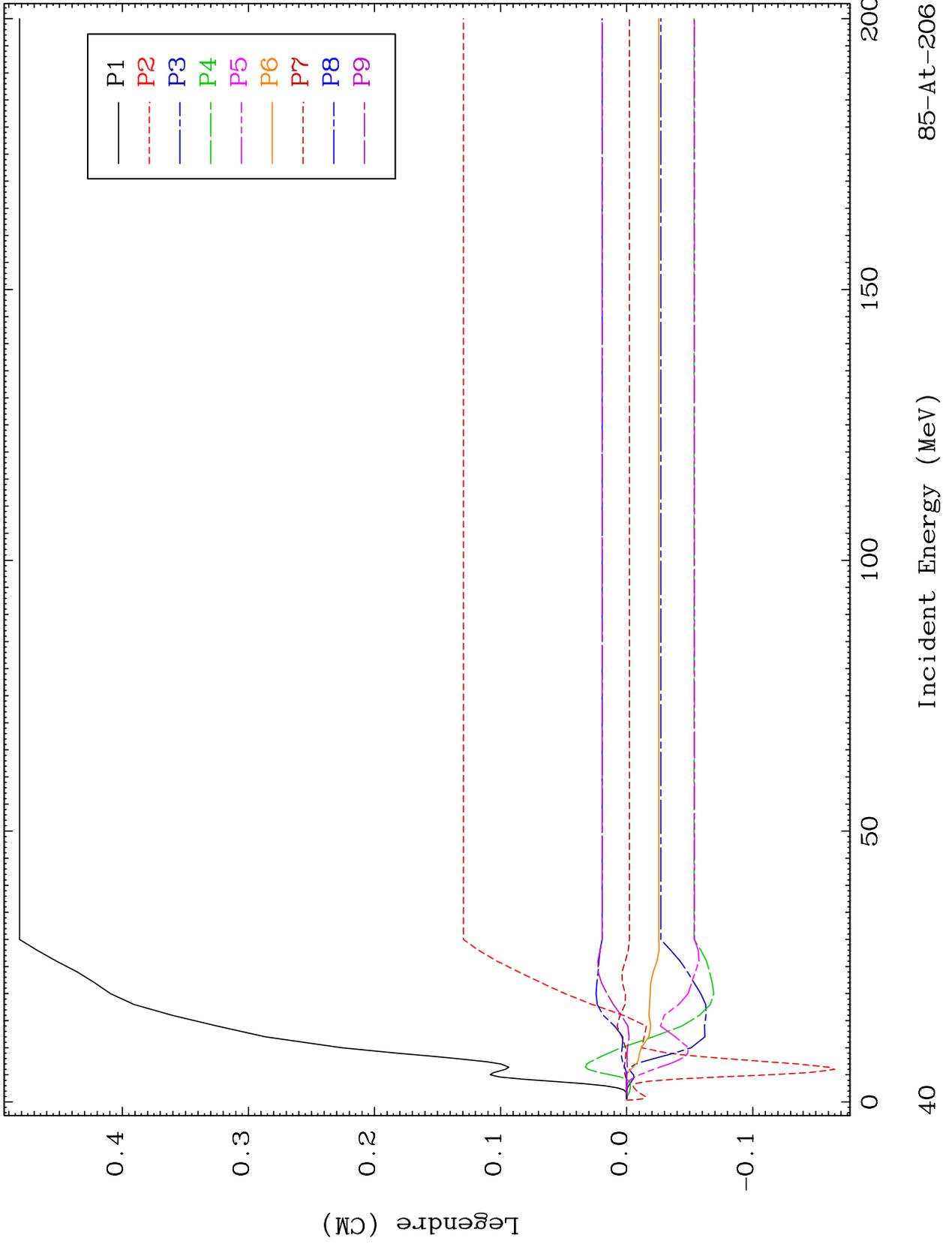
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85-At-206

MAT 8534

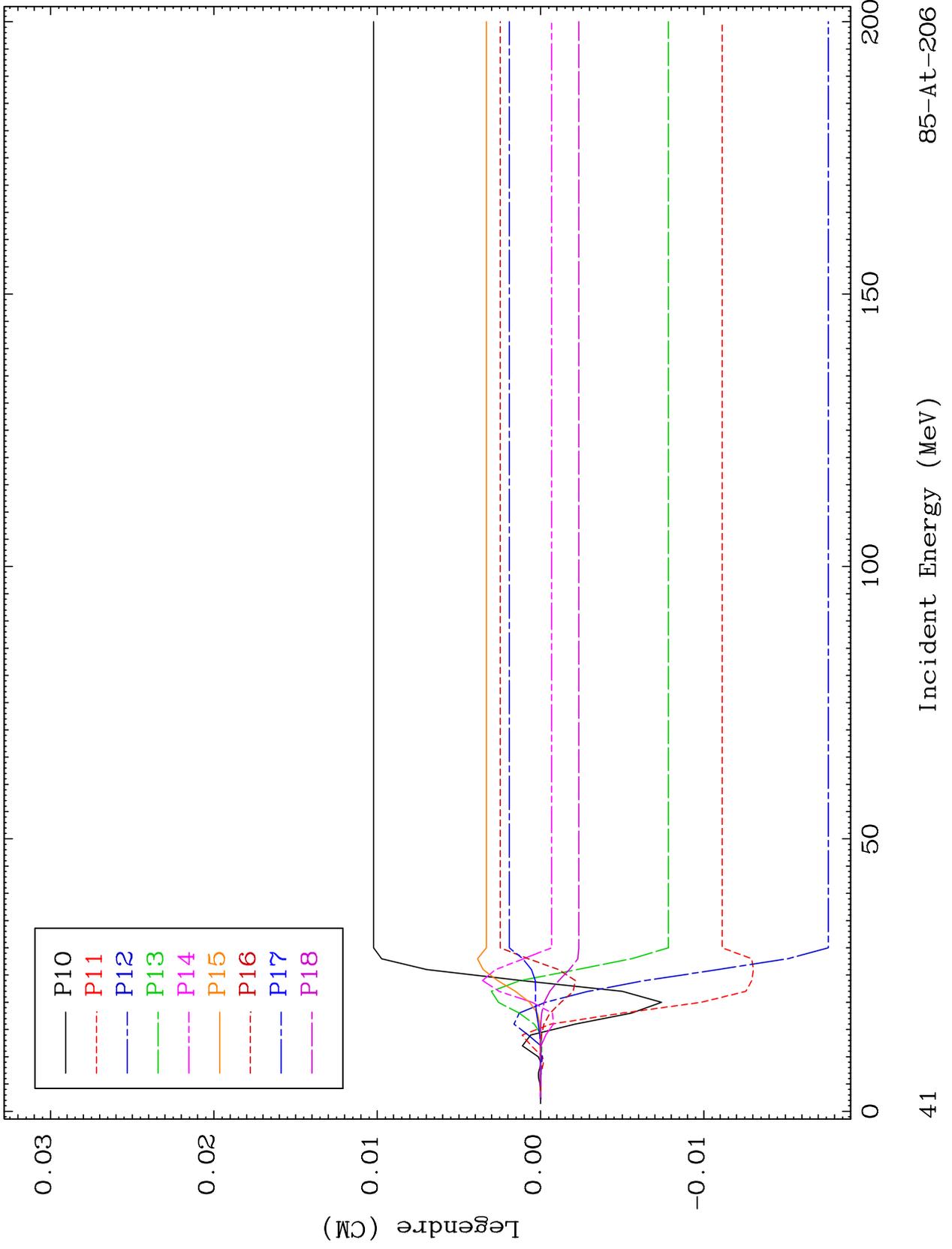
MT= 57 (n,n') Level  
Legendre Coefficients

85-At-206



85-At-206

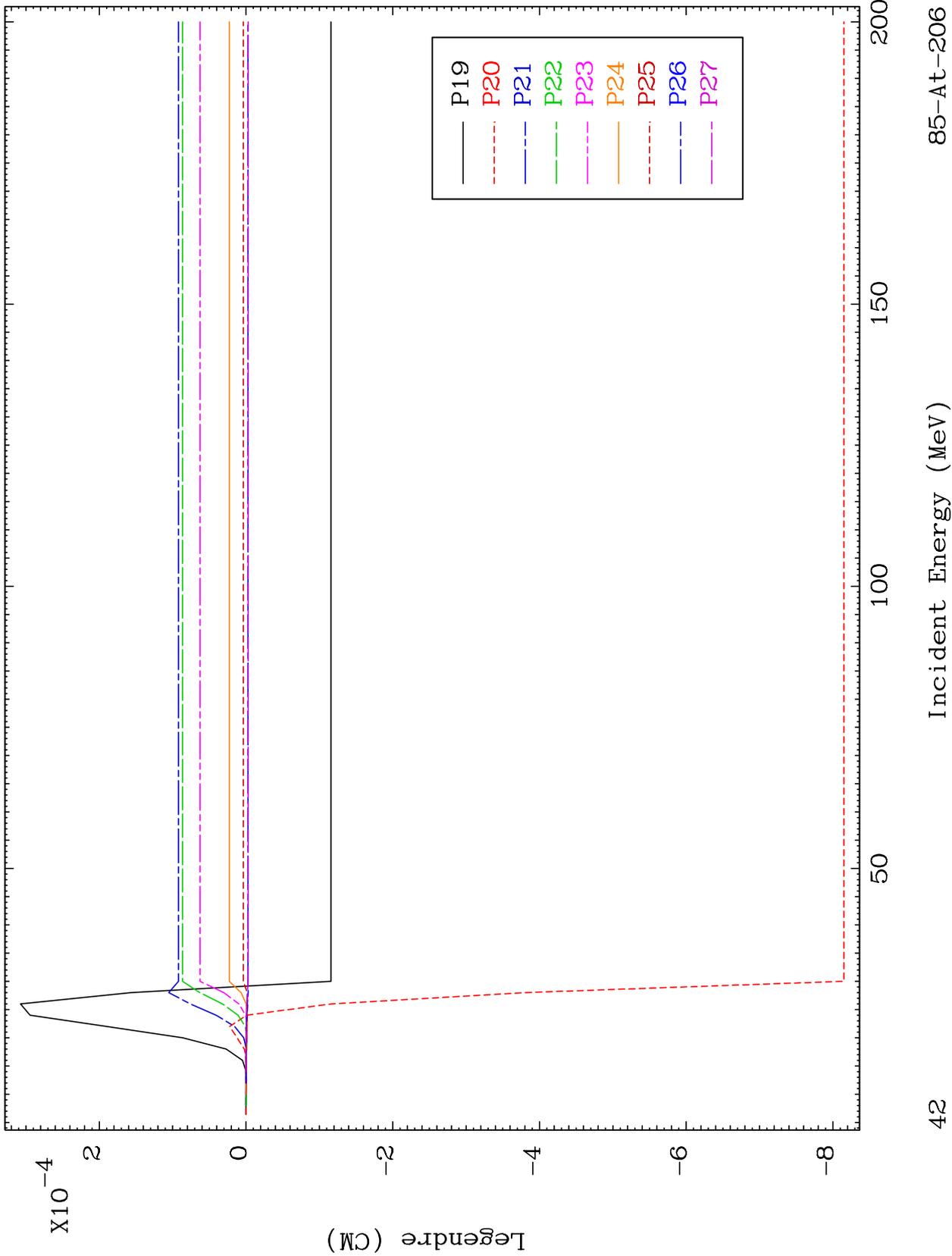
Incident Energy (MeV)



MAT 8534

MT= 57 (n,n') Level  
Legendre Coefficients

85-At-206



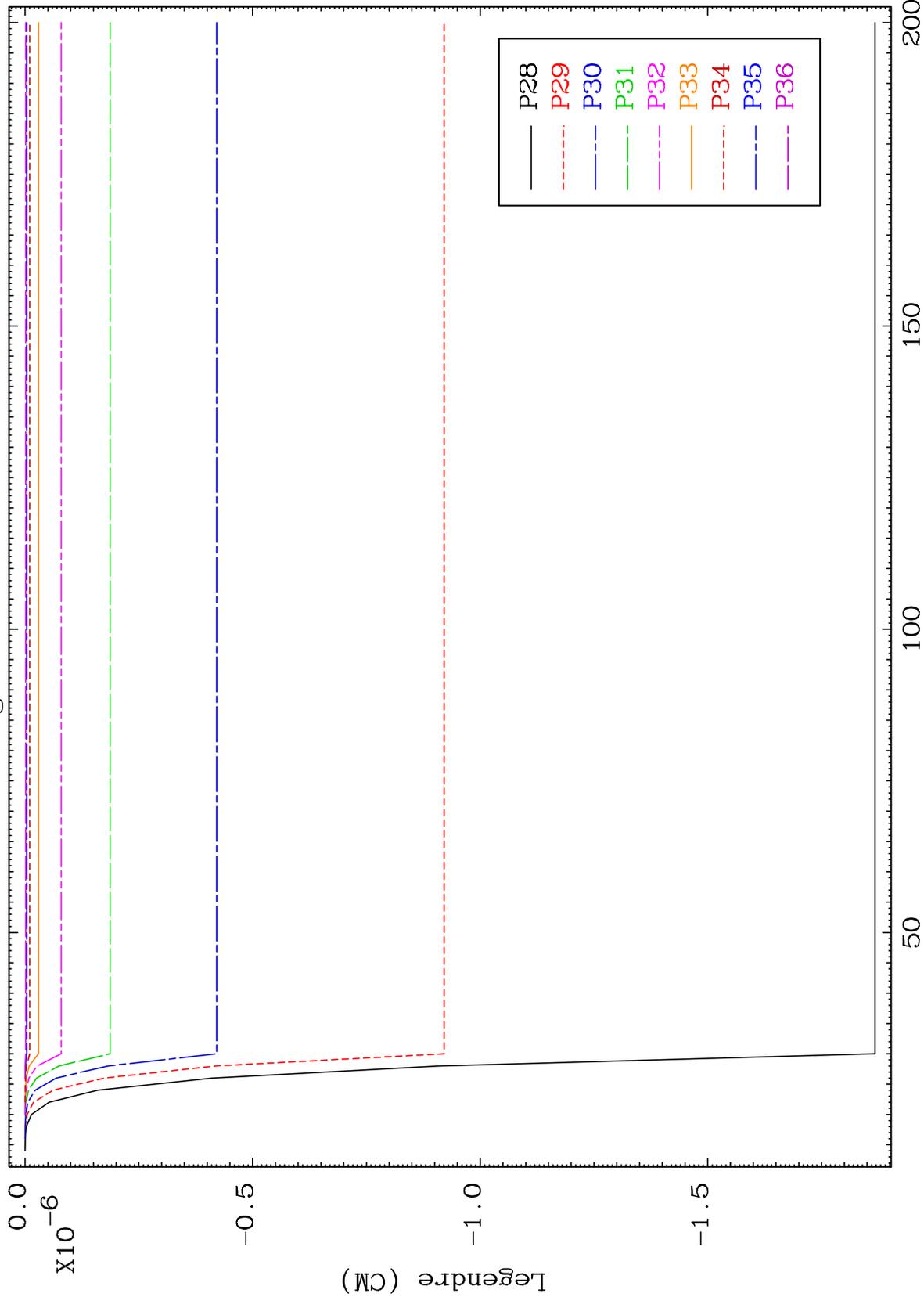
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MAT 8534

MT= 57 (n,n') Level  
Legendre Coefficients

85-At-206



43

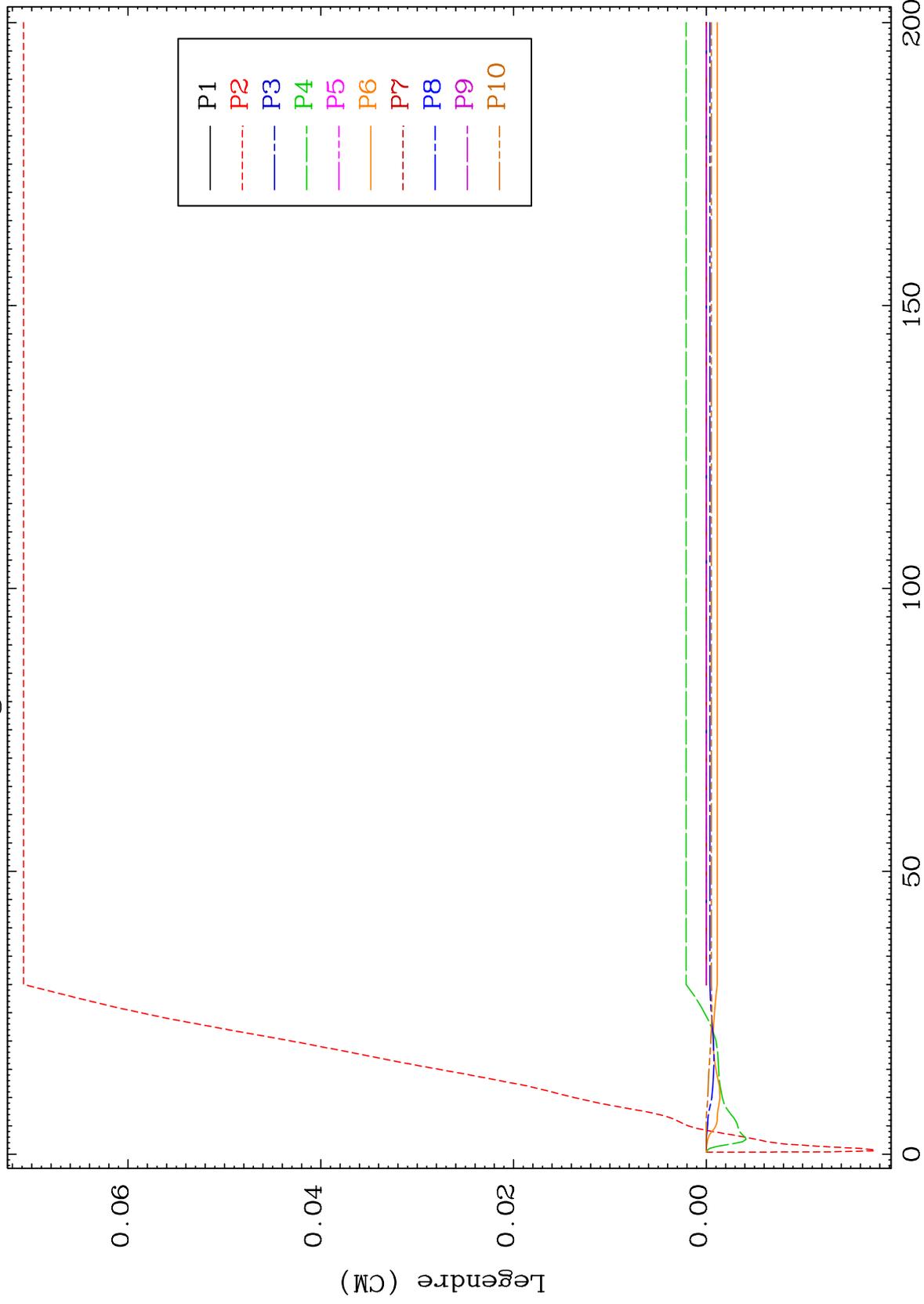
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 58 (n,n') Level  
Legendre Coefficients

85-At-206



85-At-206

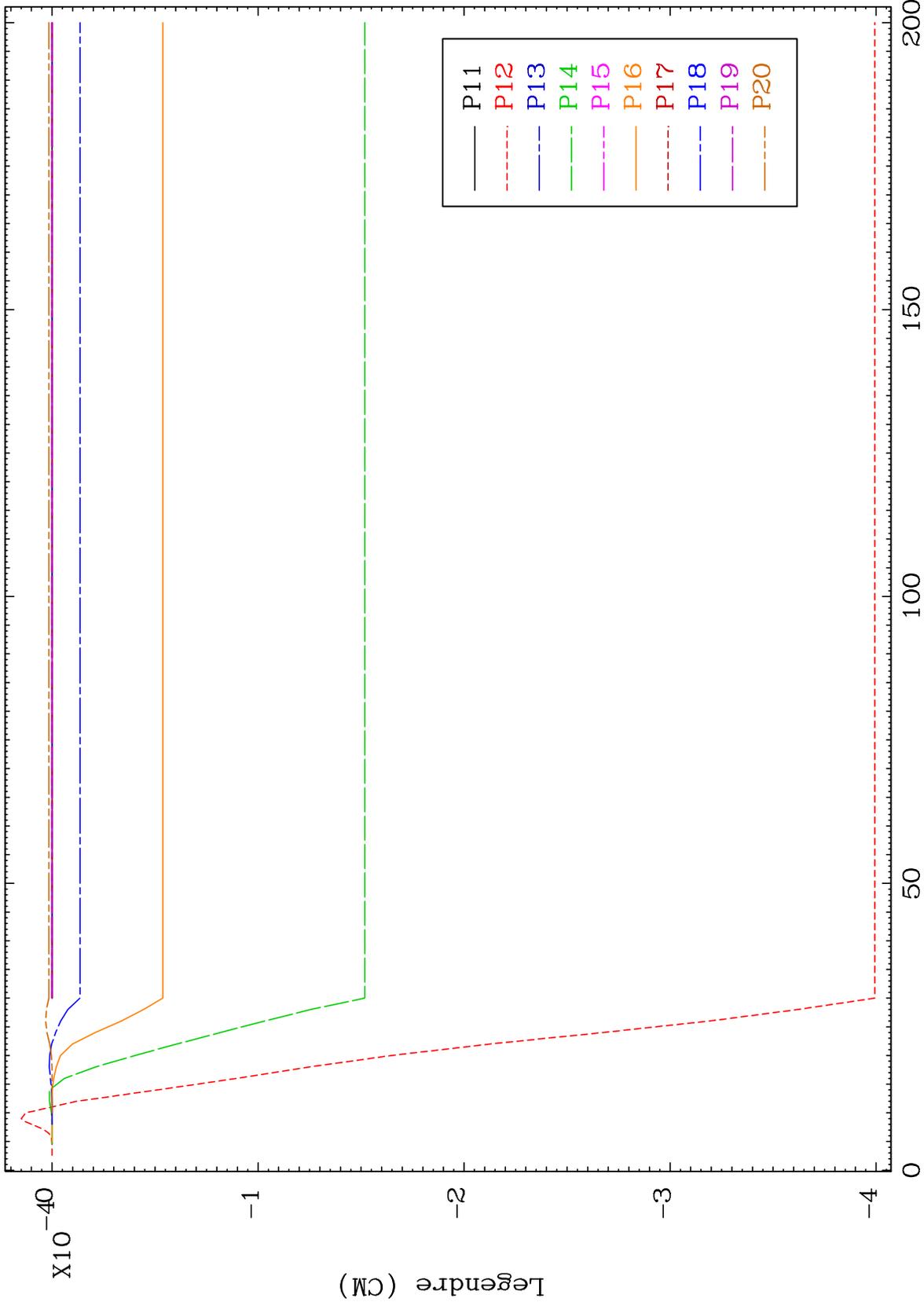
Incident Energy (MeV)

44

MAT 8534

MT= 58 (n,n') Level  
Legendre Coefficients

85-At-206



45

Incident Energy (MeV)

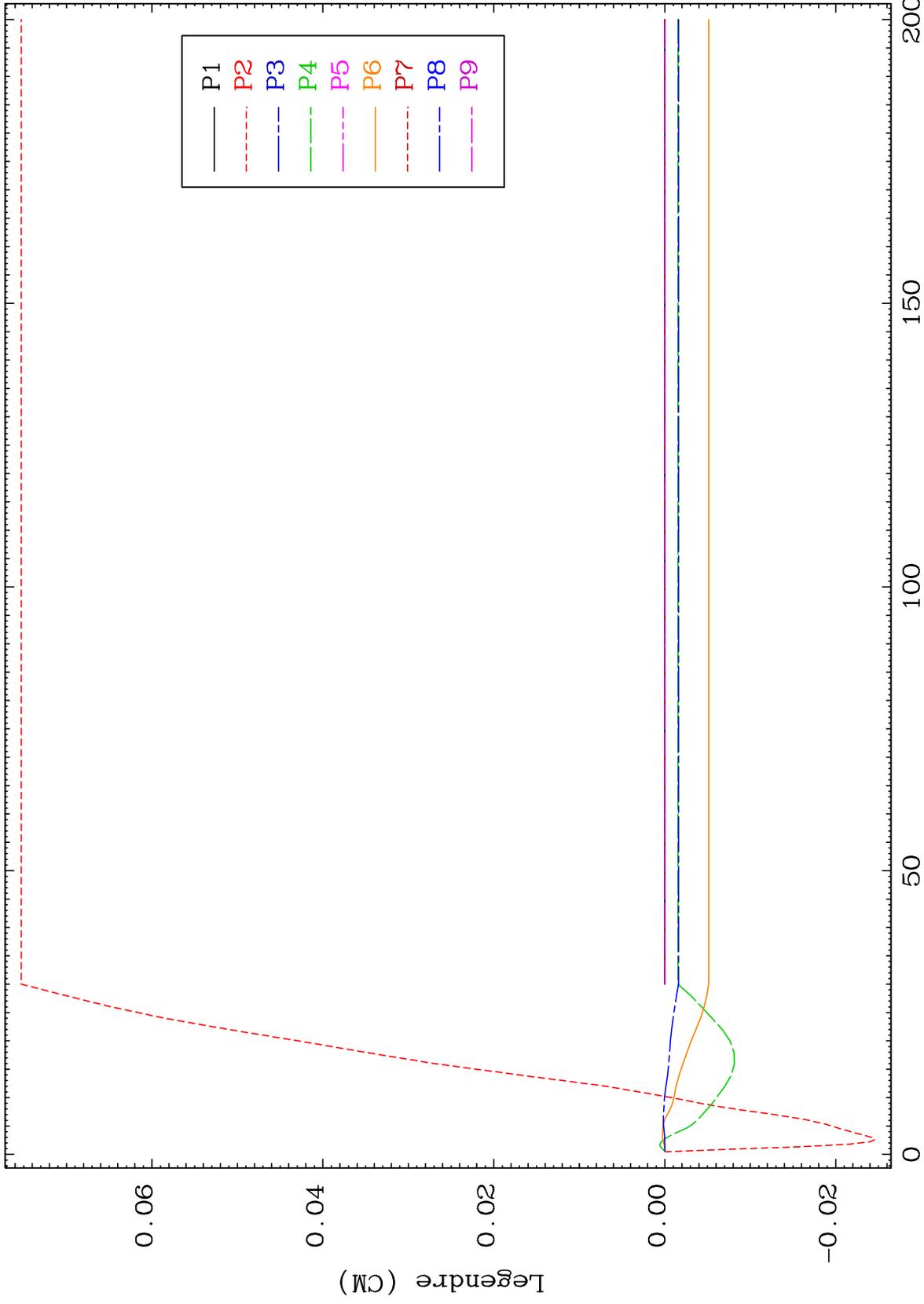
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MAT 8534

MT= 59 (n,n') Level  
Legendre Coefficients

85-At-206



85-At-206

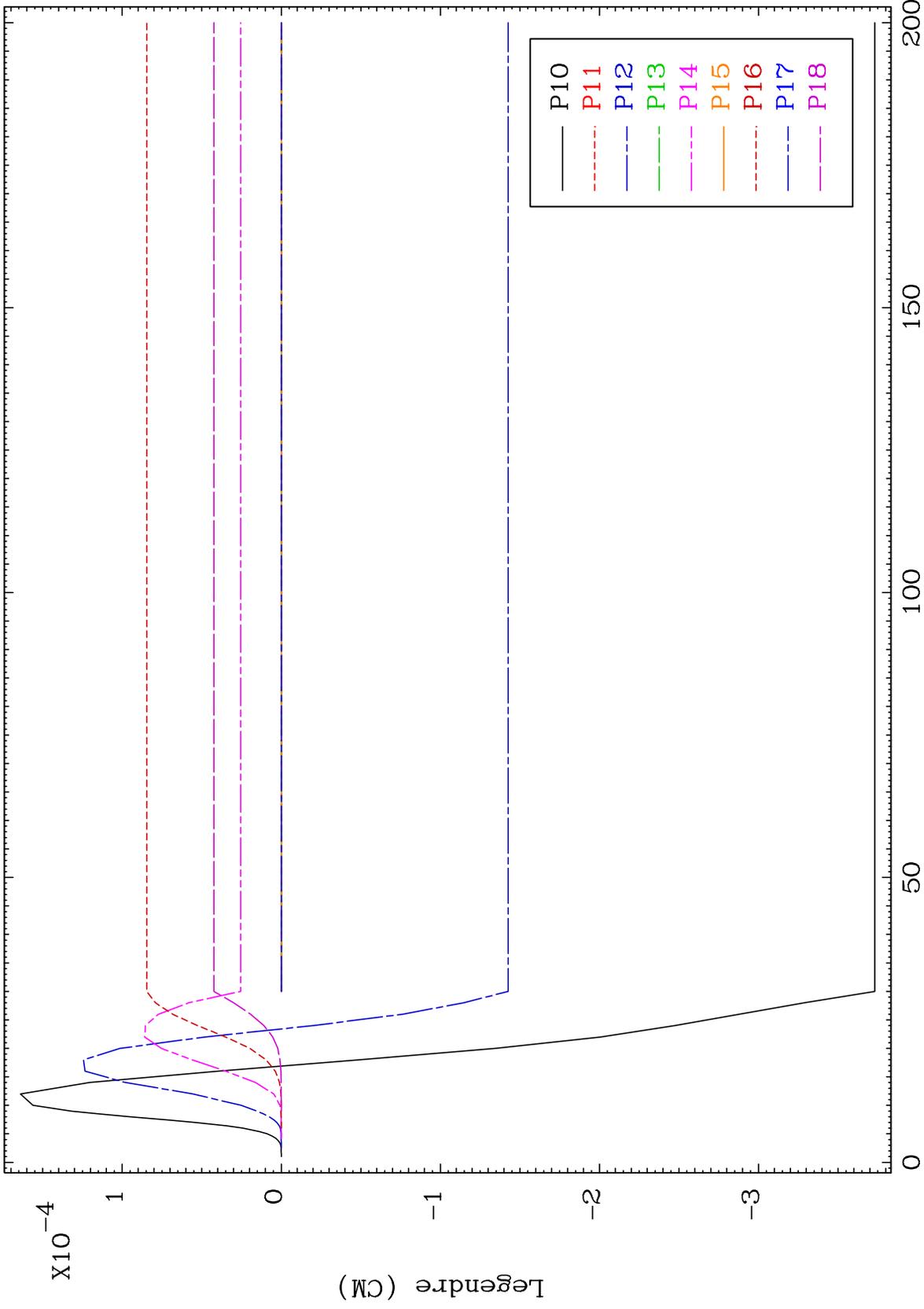
Incident Energy (MeV)

47

MAT 8534

MT= 59 (n,n') Level  
Legendre Coefficients

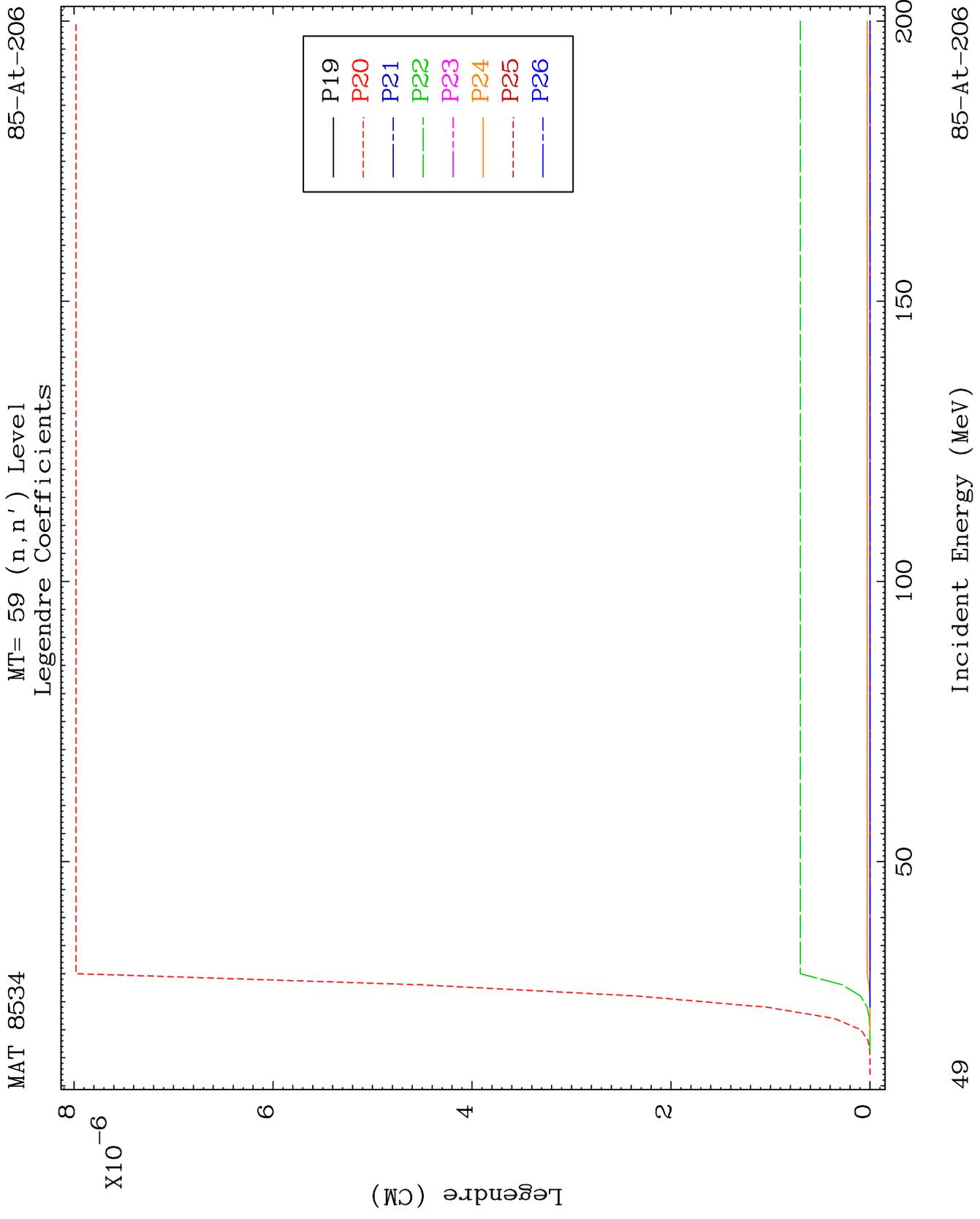
85-At-206



48

Incident Energy (MeV)

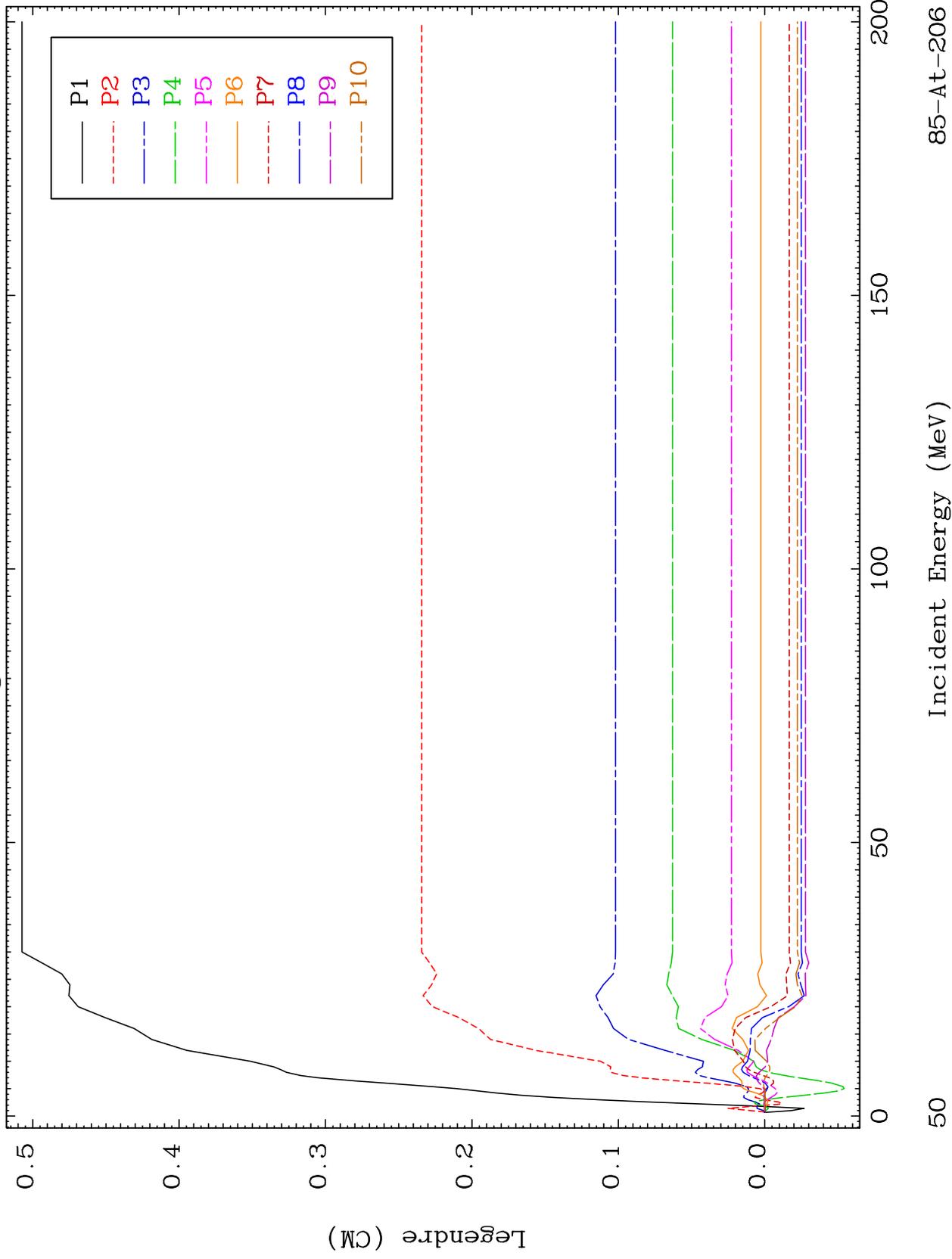
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MAT 8534

MT= 60 (n,n') Level  
Legendre Coefficients

85-At-206

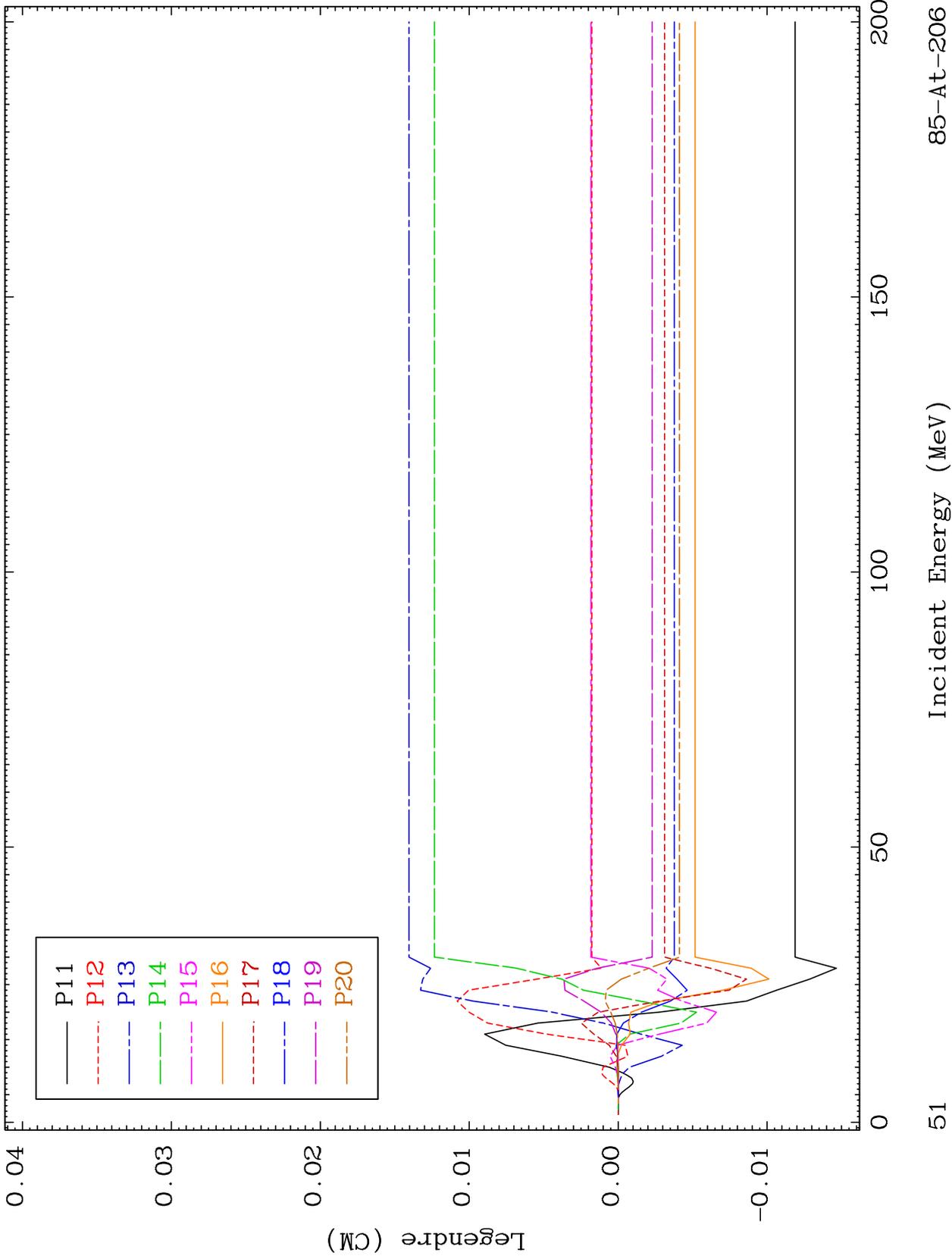


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MAT 8534

MT= 60 (n,n') Level  
Legendre Coefficients

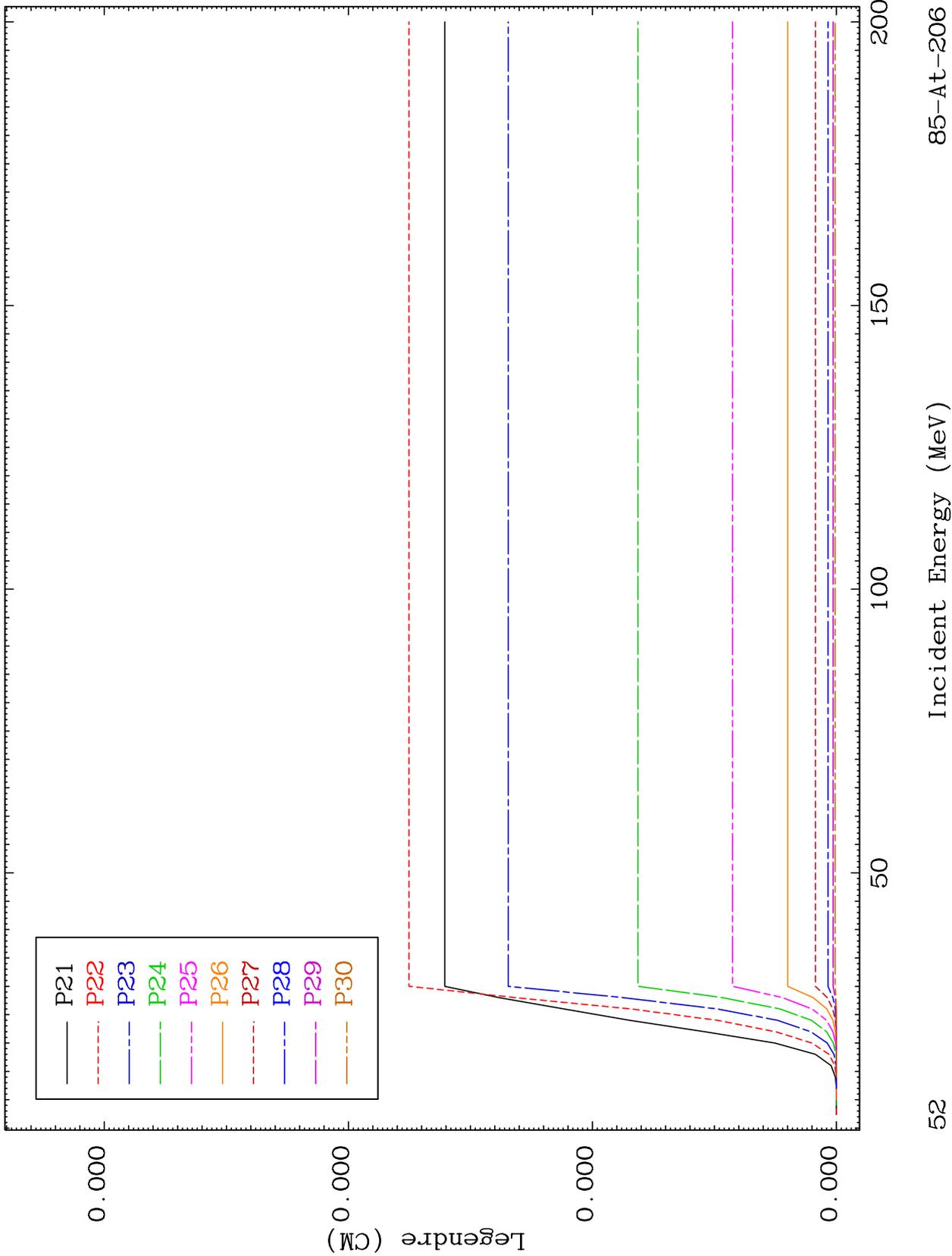
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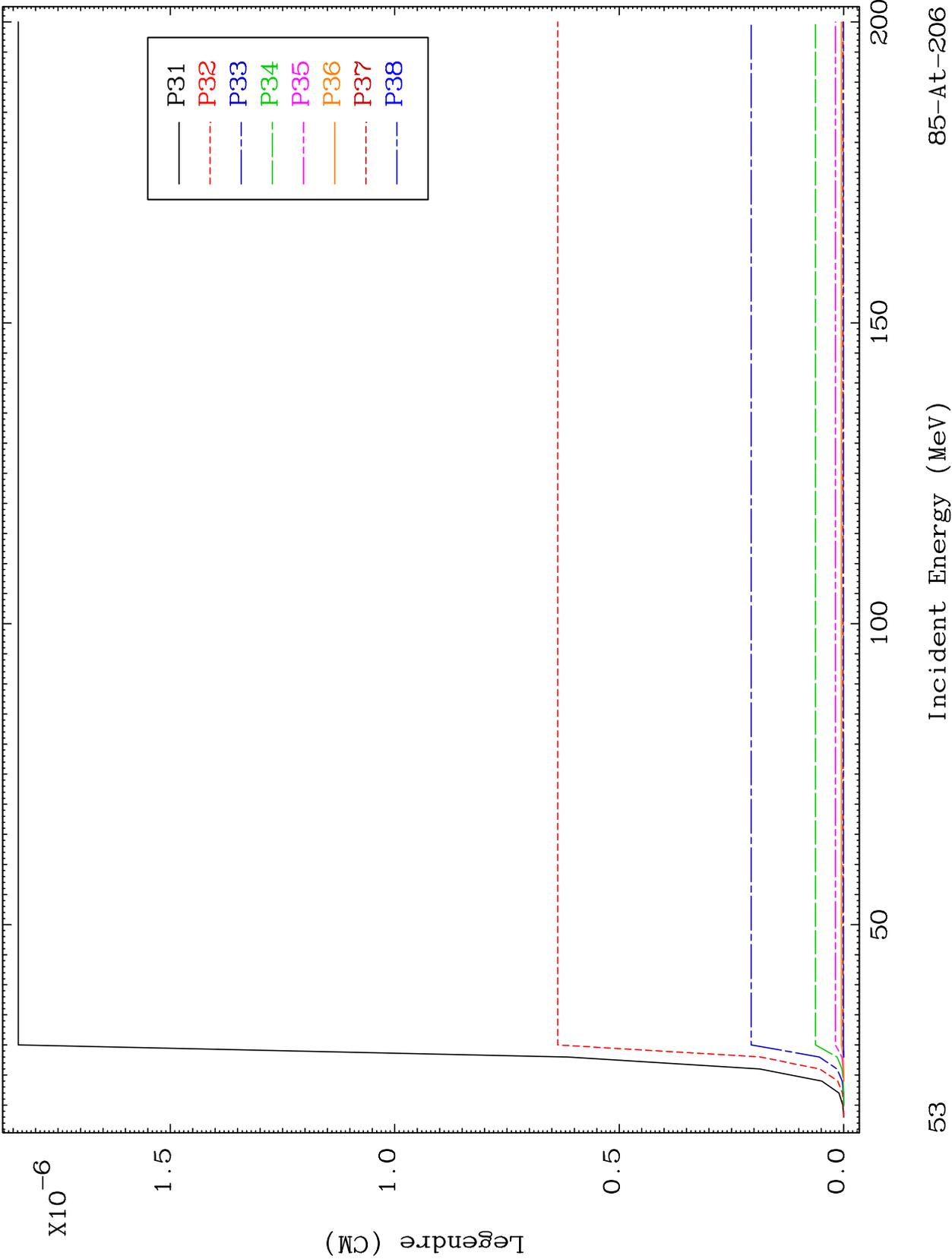
MAT 8534

MT= 60 (n,n') Level  
Legendre Coefficients

85-At-206



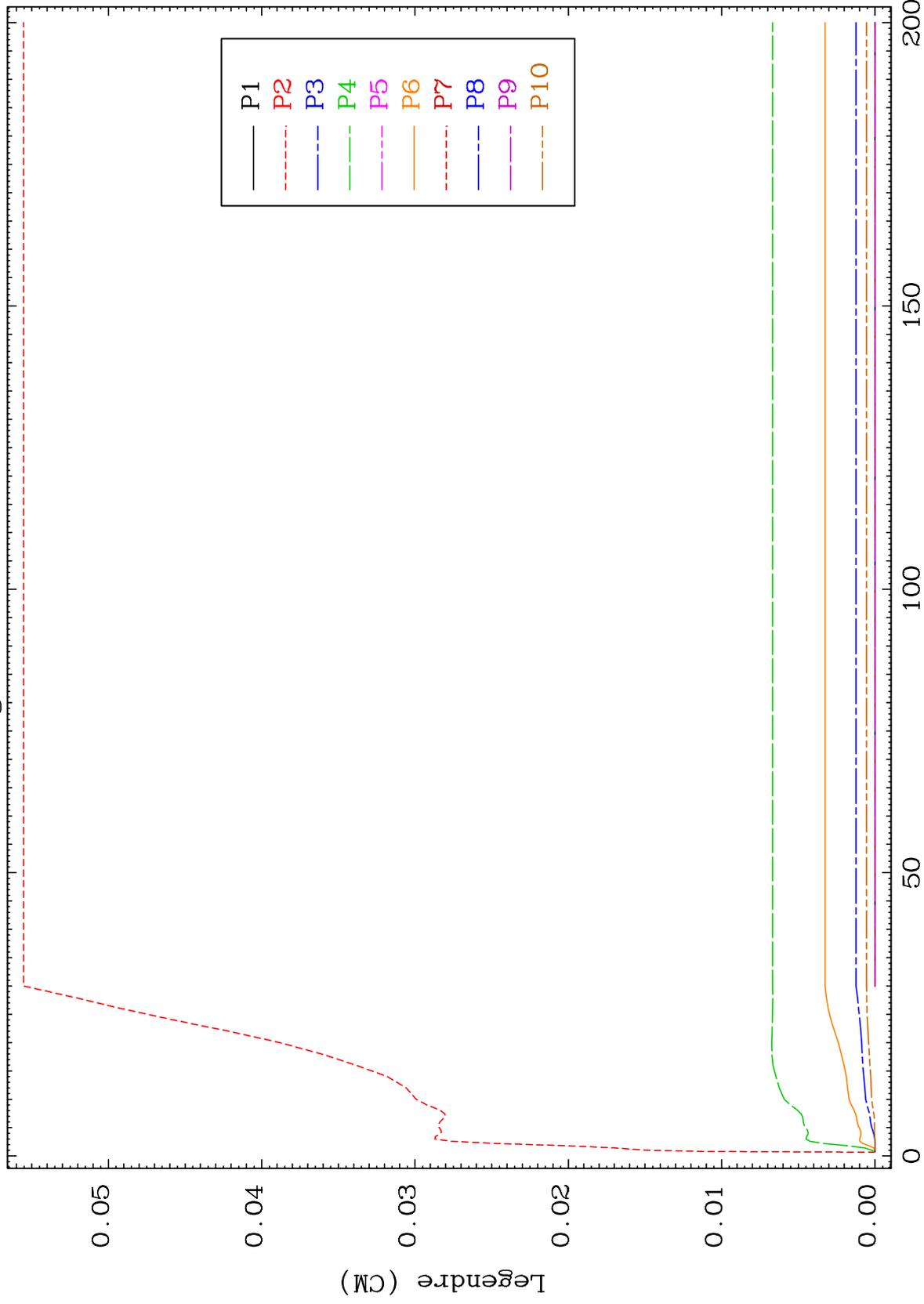
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MAT 8534

MT= 61 (n,n') Level  
Legendre Coefficients

85-At-206



54

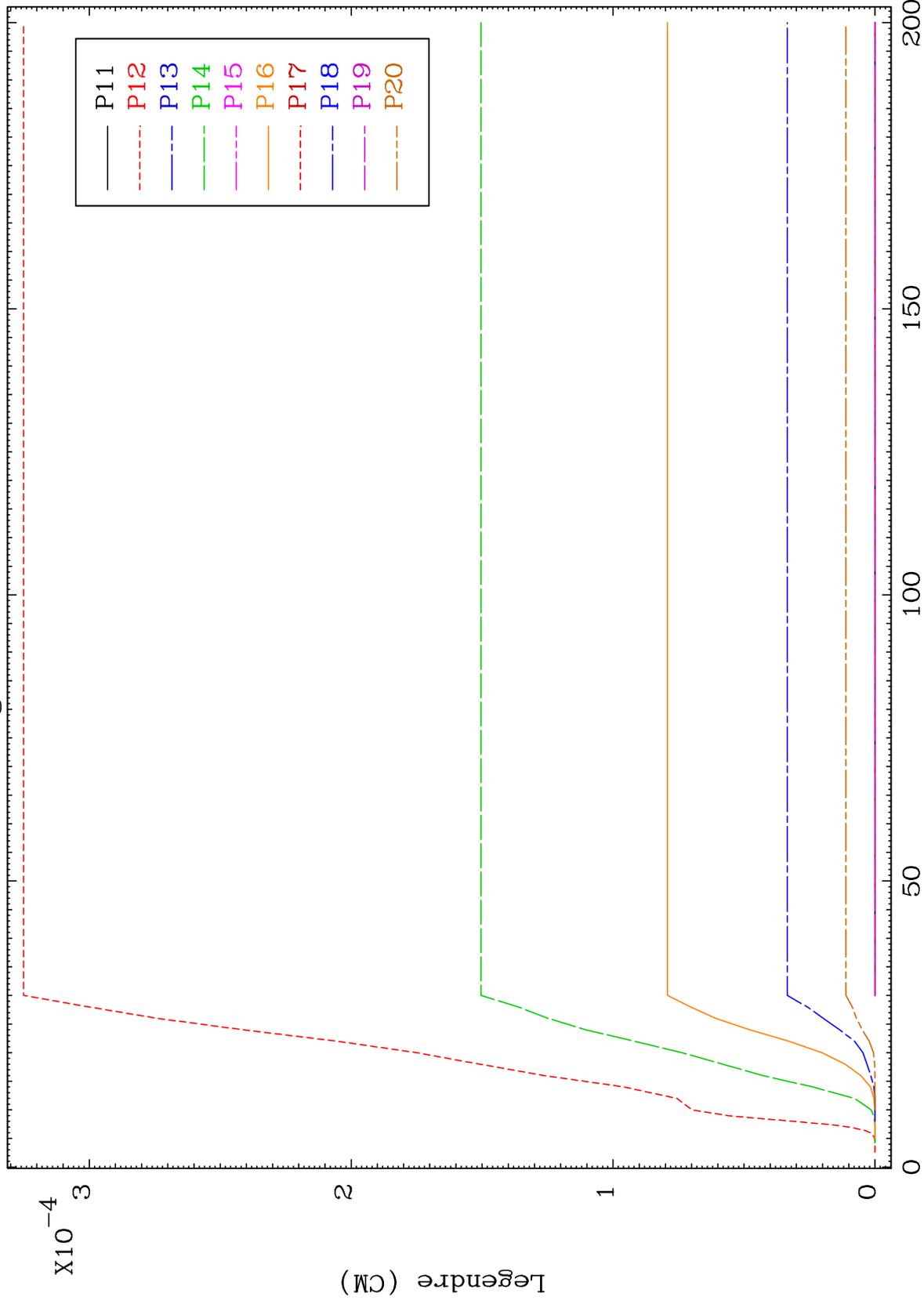
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 61 (n,n') Level  
Legendre Coefficients

85-At-206



55

Incident Energy (MeV)

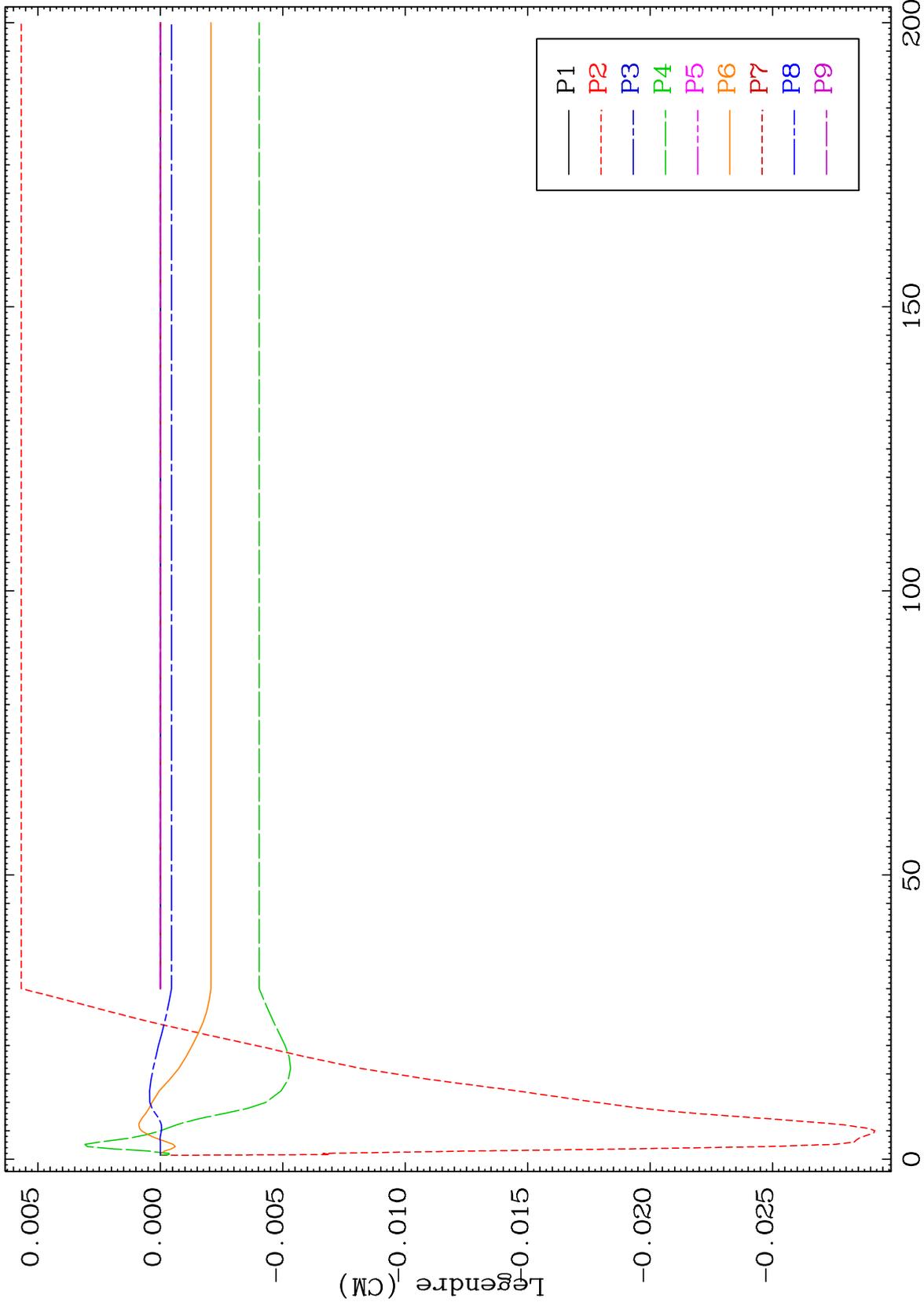
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MAT 8534

MT= 62 (n,n') Level  
Legendre Coefficients

85-At-206



57

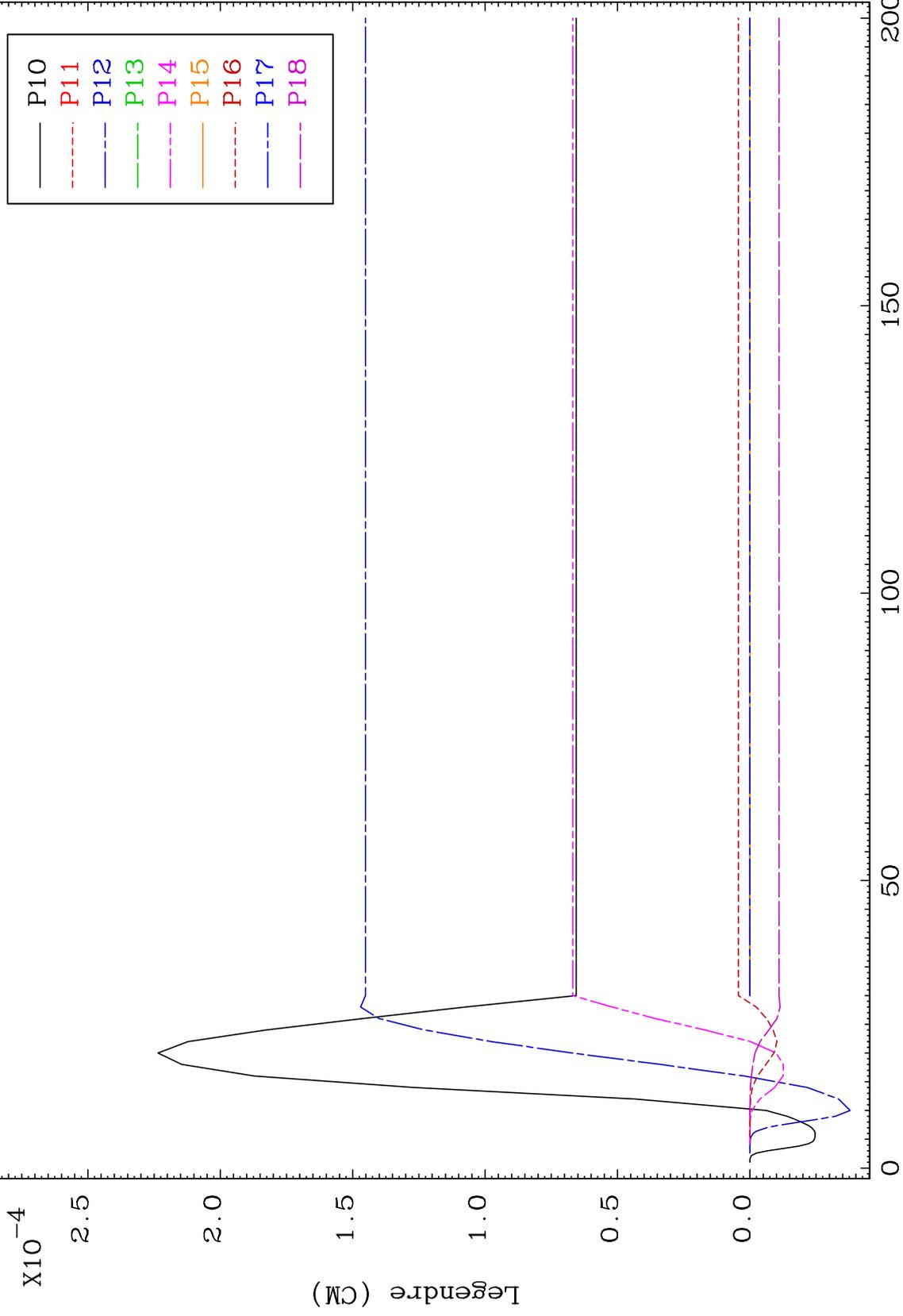
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 62 (n,n') Level  
Legendre Coefficients

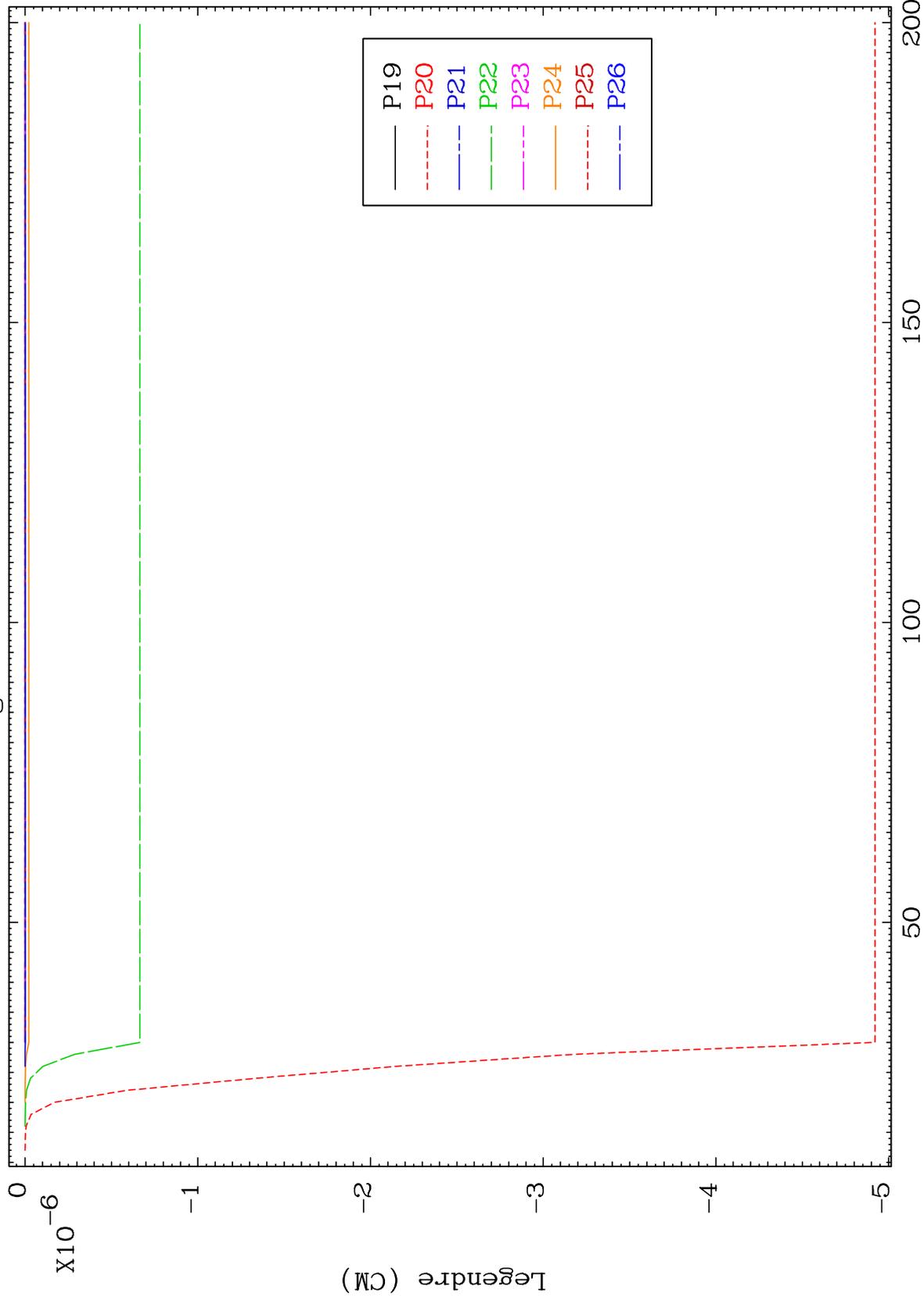
85-At-206



58

Incident Energy (MeV)

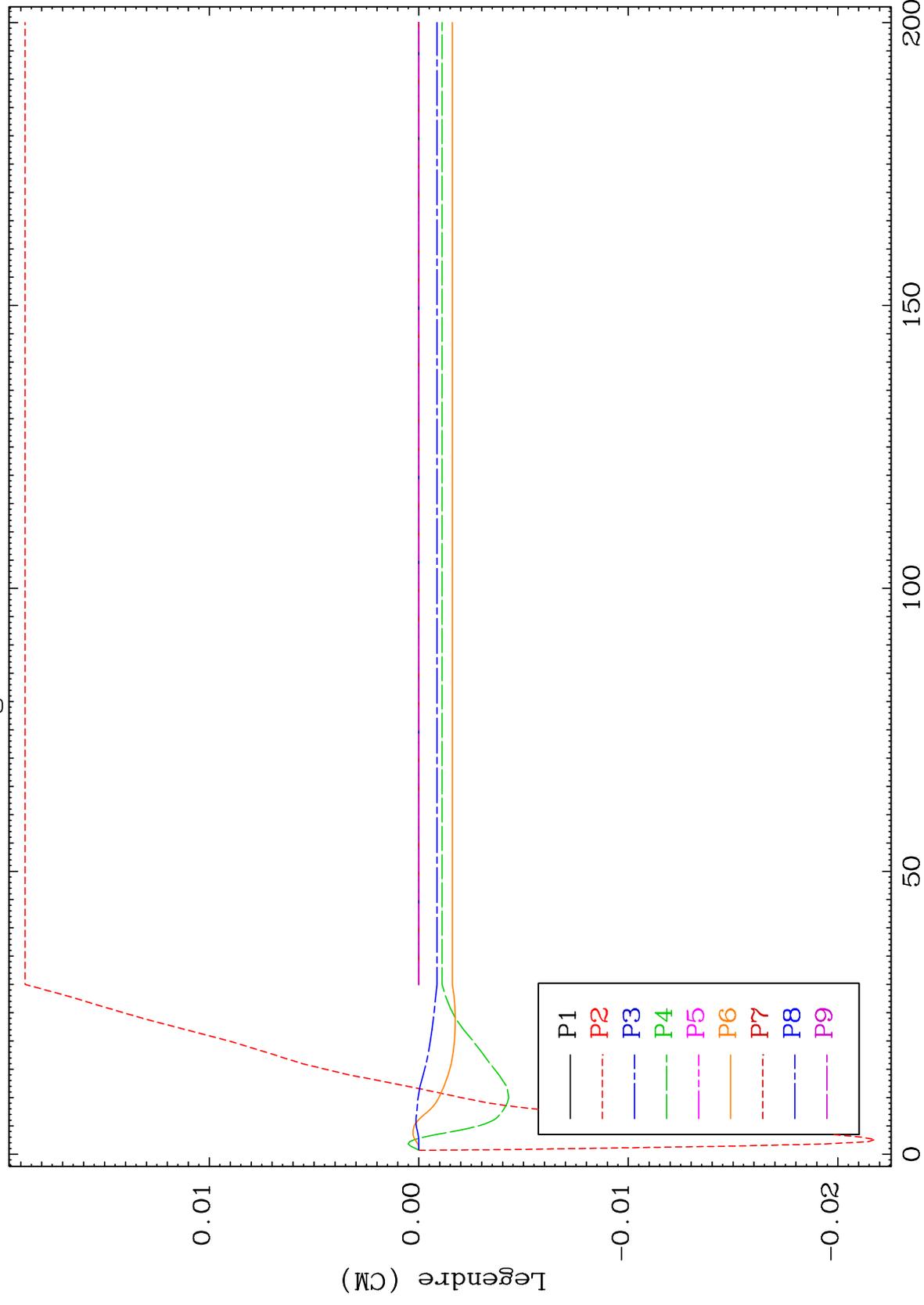
85-At-206



MAT 8534

MT= 63 (n,n') Level  
Legendre Coefficients

85-At-206



85-At-206

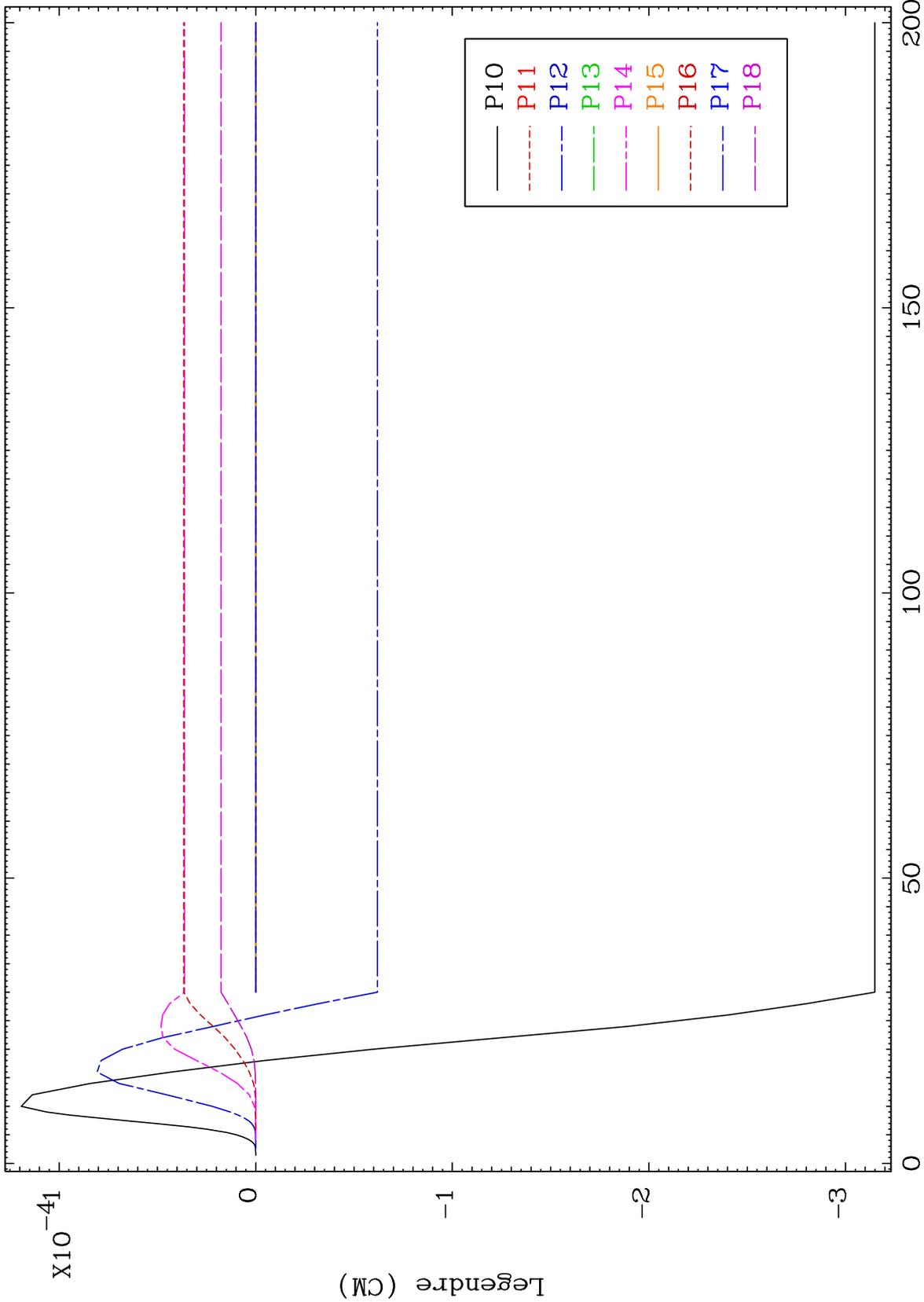
Incident Energy (MeV)

60

MAT 8534

MT= 63 (n,n') Level  
Legendre Coefficients

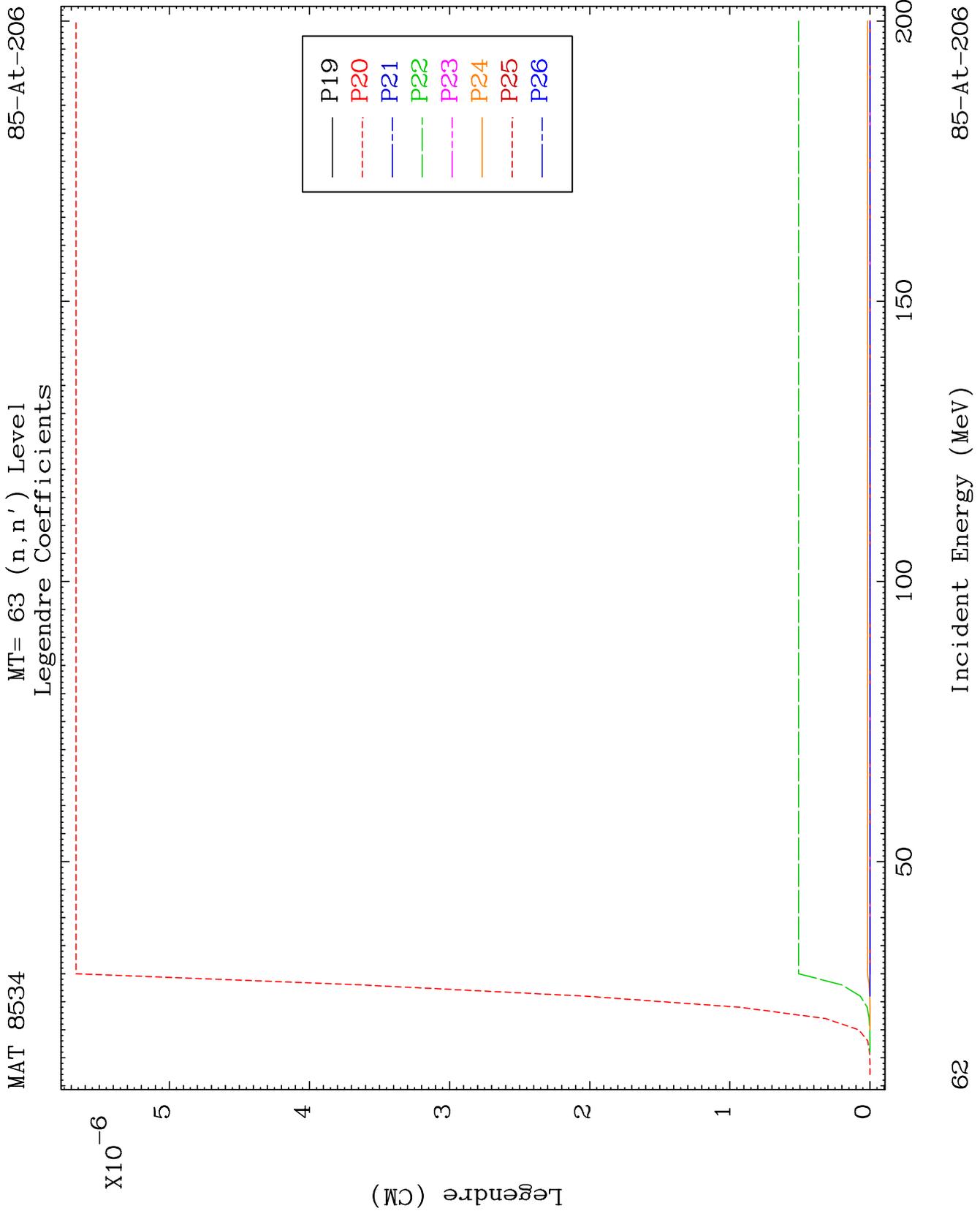
85-At-206



61

Incident Energy (MeV)

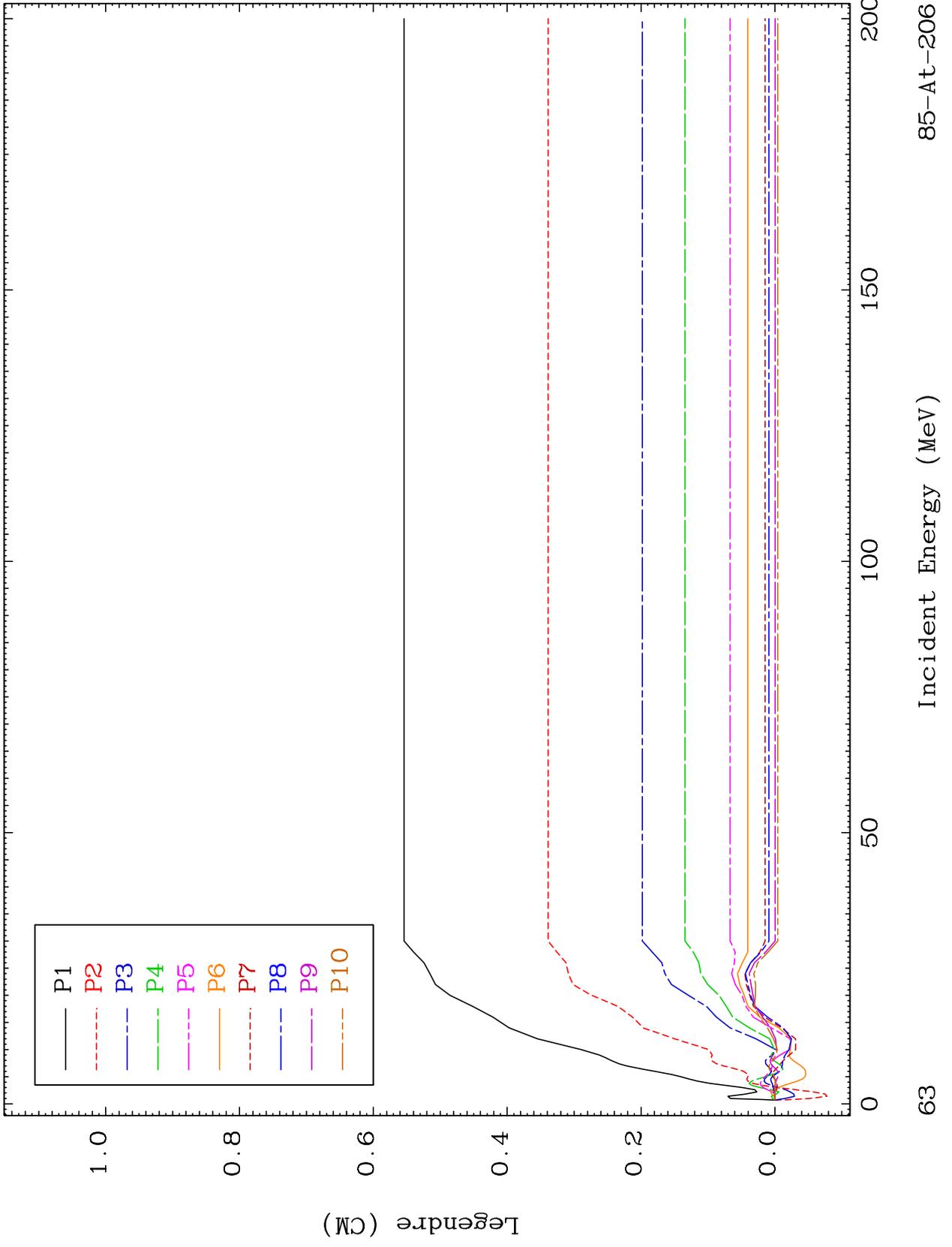
85-At-206



MAT 8534

MT= 64 (n,n') Level  
Legendre Coefficients

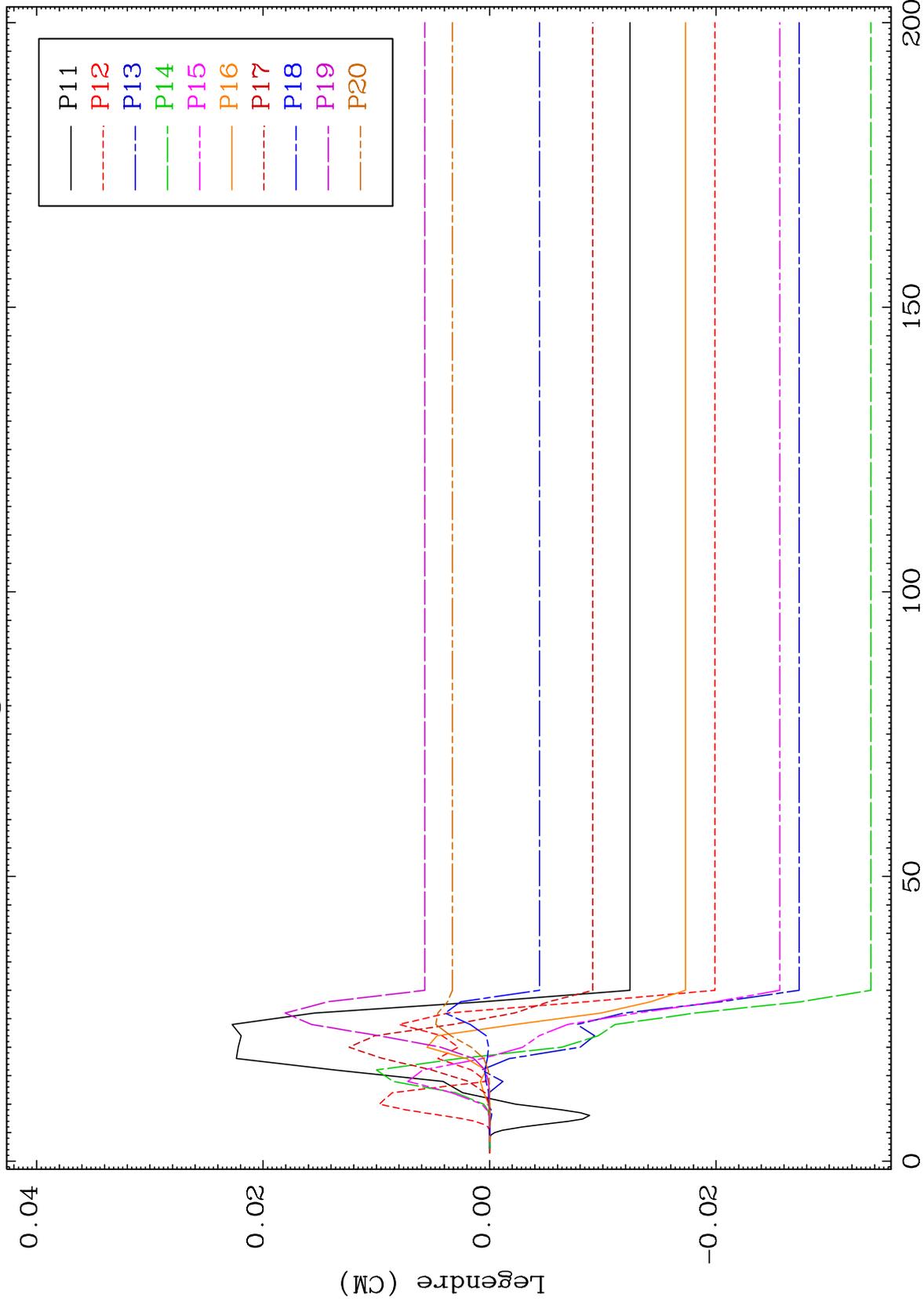
85-At-206



MAT 8534

MT= 64 (n,n') Level  
Legendre Coefficients

85-At-206



64

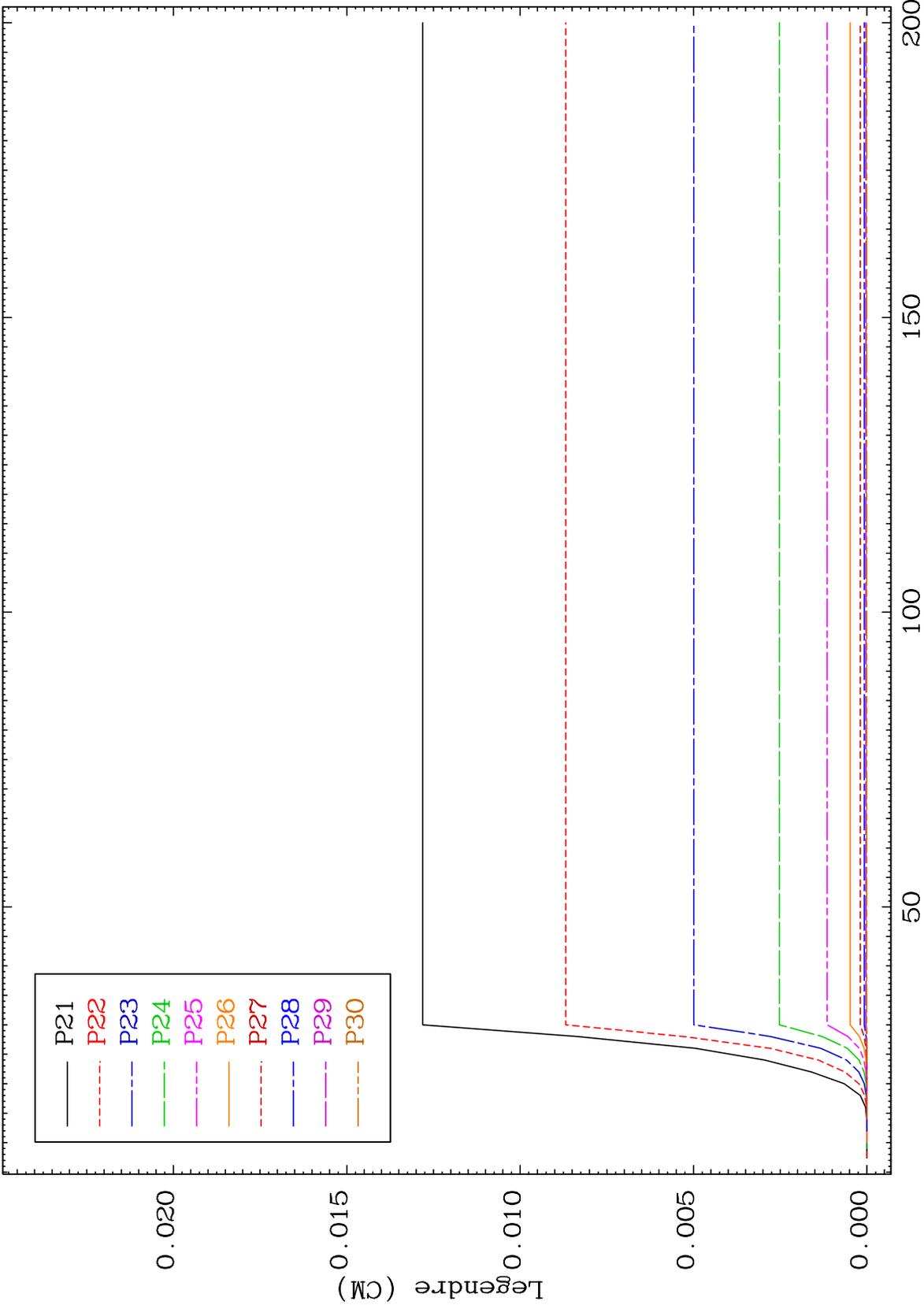
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 64 (n,n') Level  
Legendre Coefficients

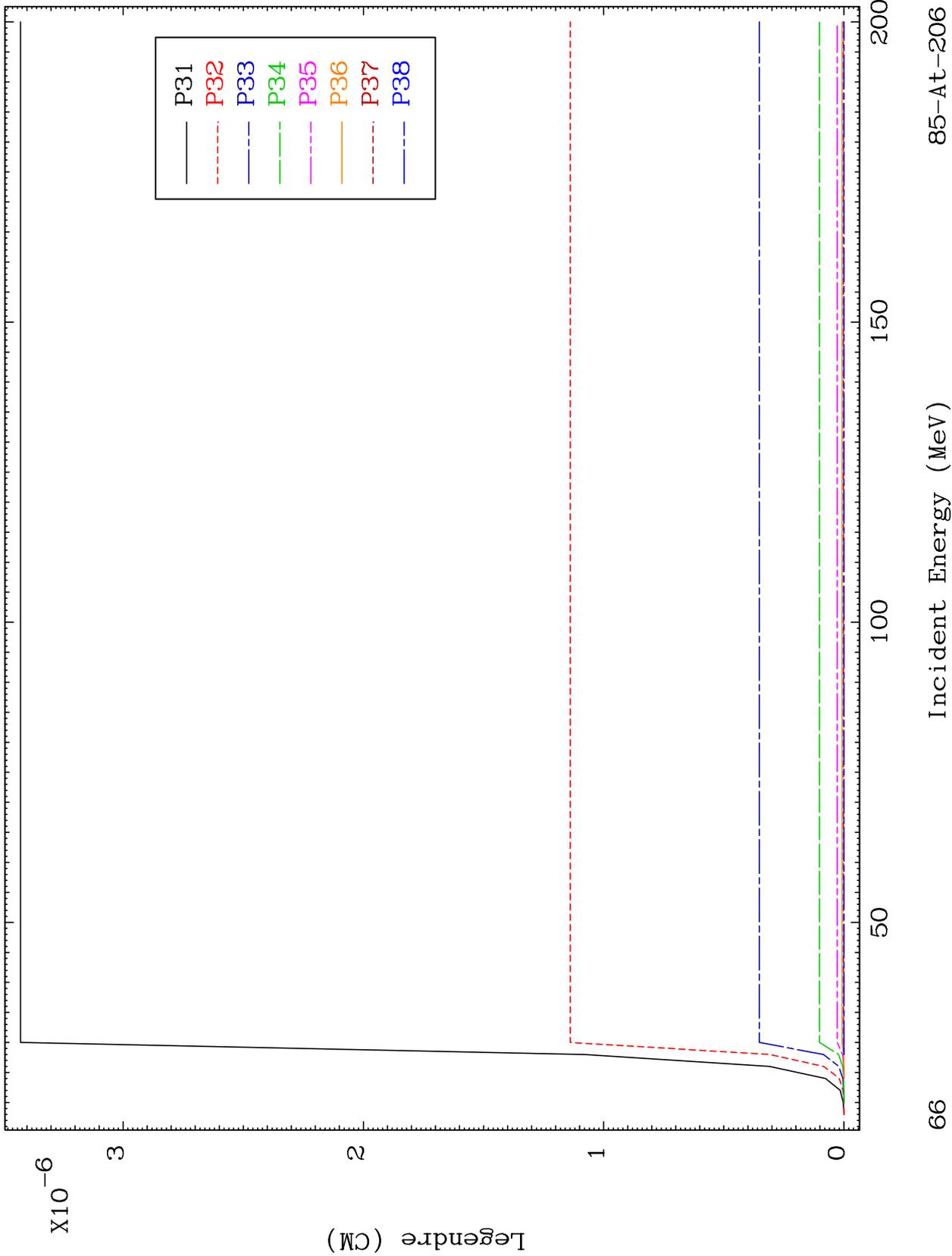
85-At-206



65

Incident Energy (MeV)

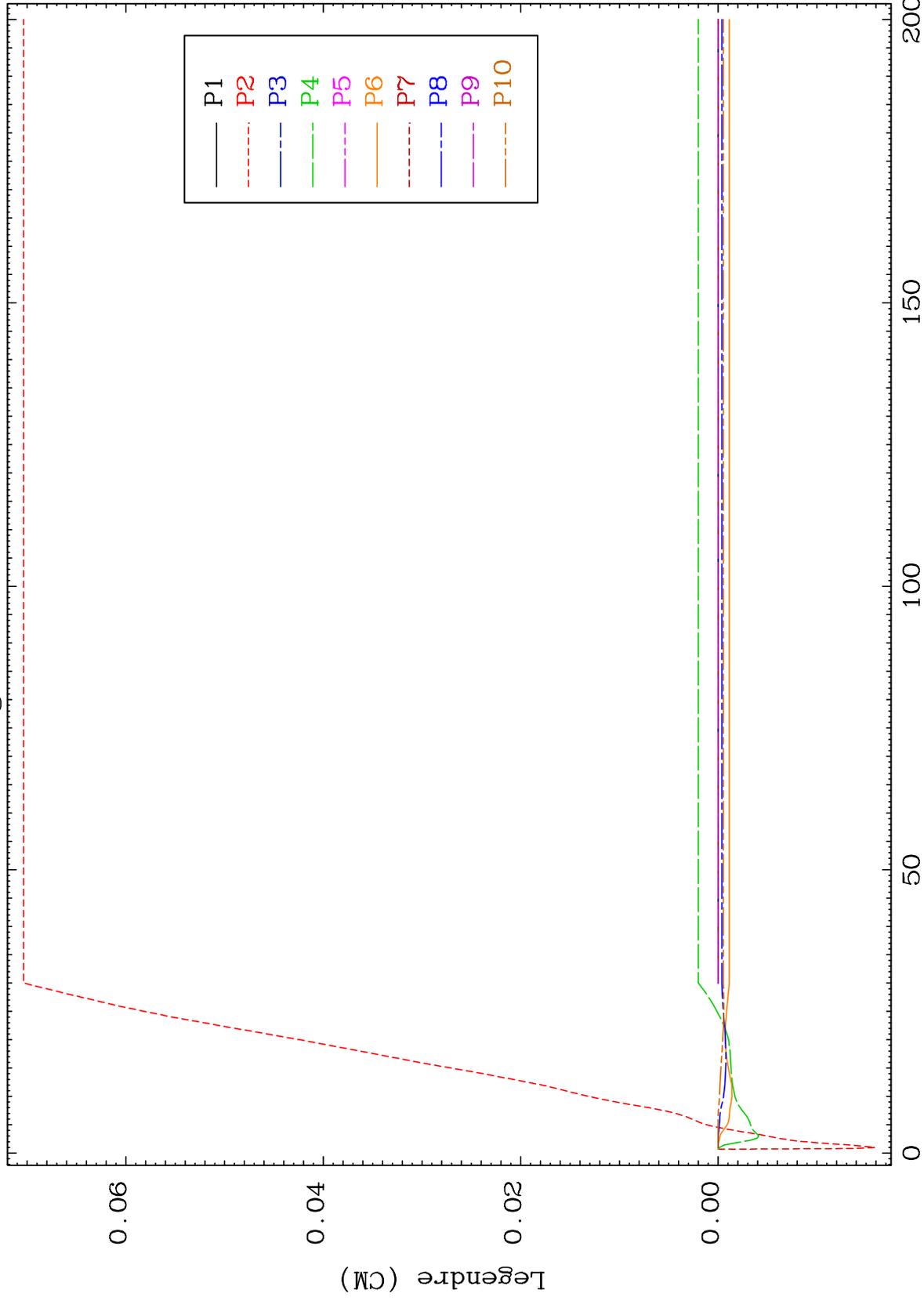
85-At-206



MAT 8534

MT= 65 (n,n') Level  
Legendre Coefficients

85-At-206



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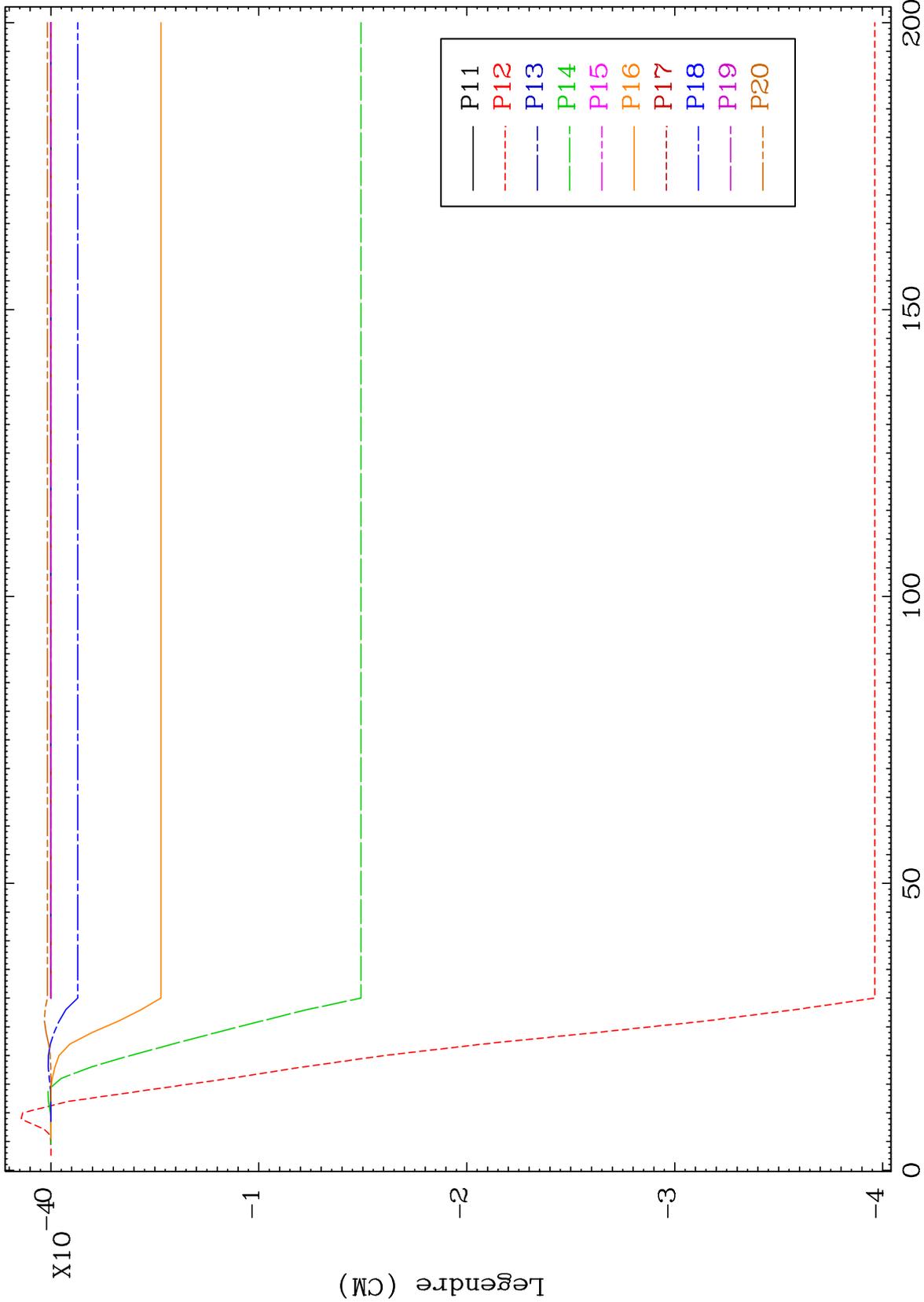
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 65 (n,n') Level  
Legendre Coefficients

85-At-206



68

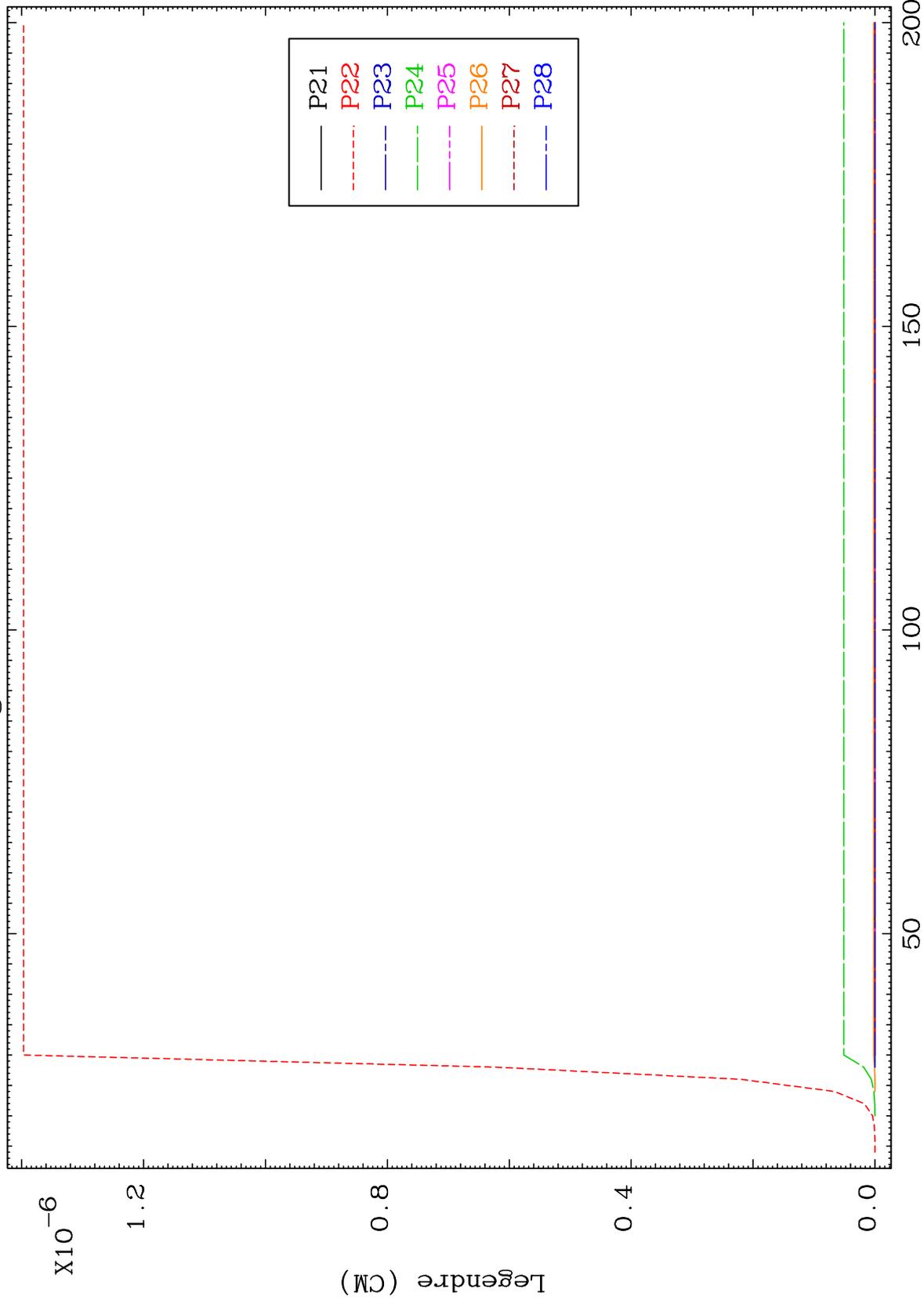
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 65 (n,n') Level  
Legendre Coefficients

85-At-206



69

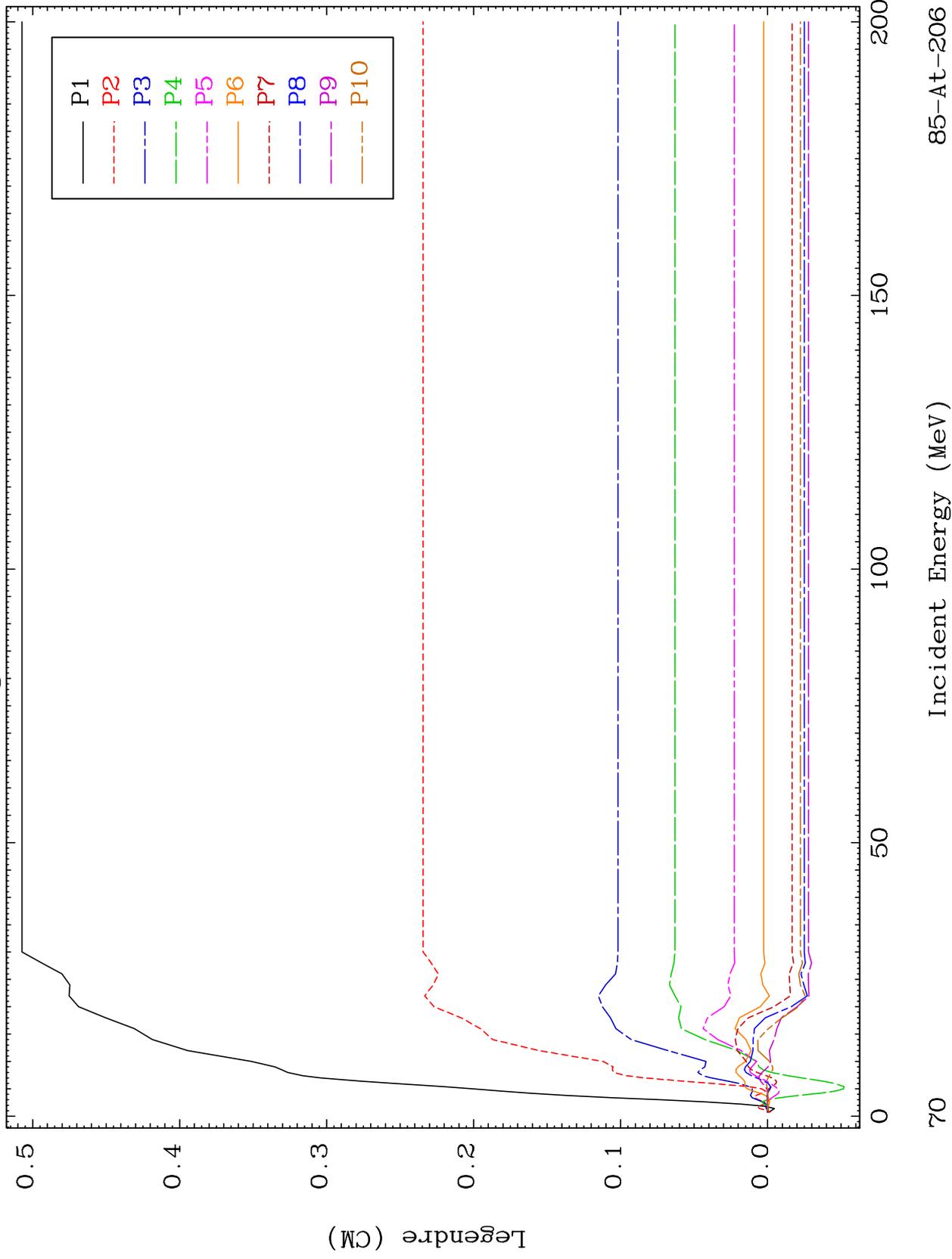
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 66 (n,n') Level  
Legendre Coefficients

85-At-206



85-At-206

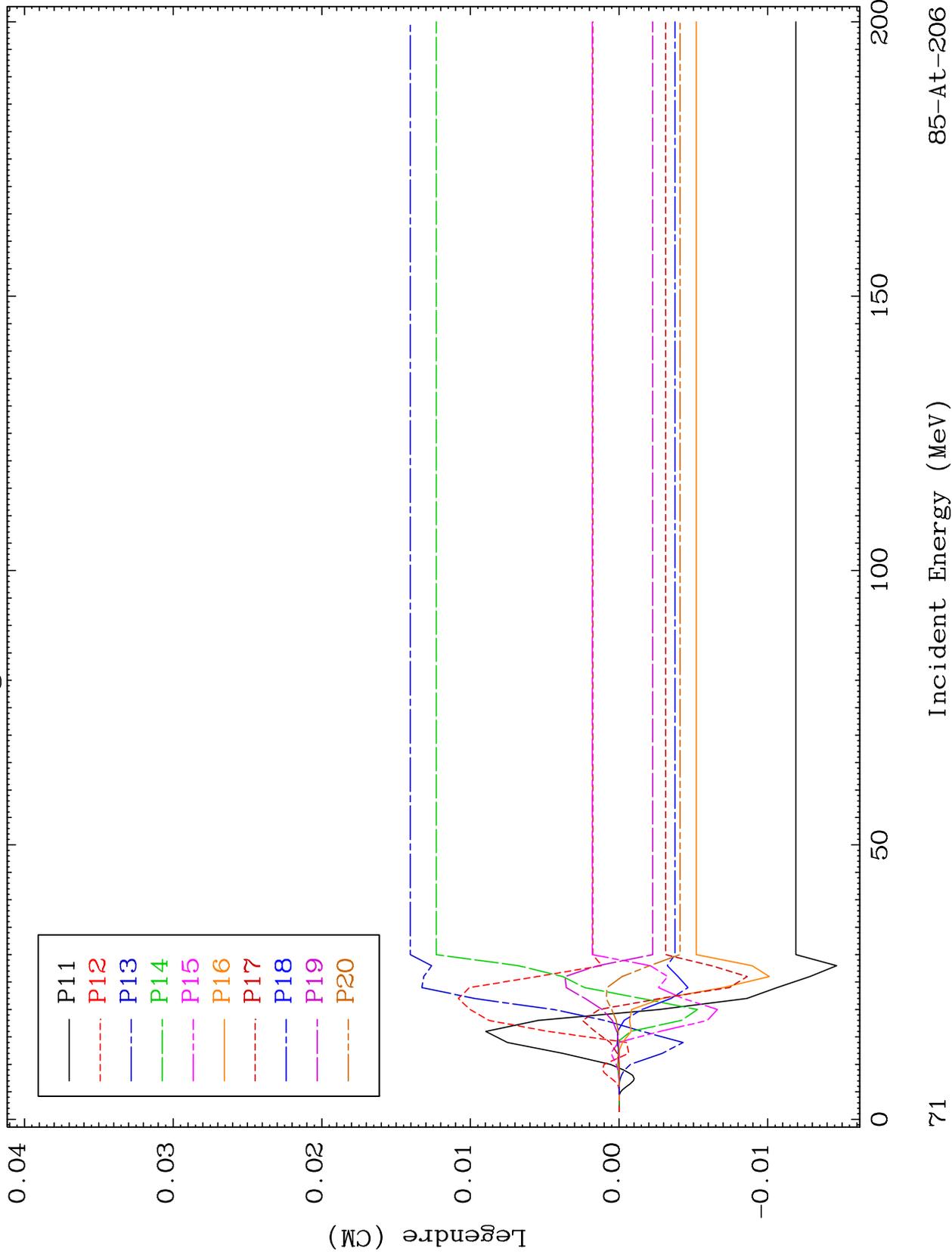
Incident Energy (MeV)

70

MAT 8534

MT= 66 (n,n') Level  
Legendre Coefficients

85-At-206



71

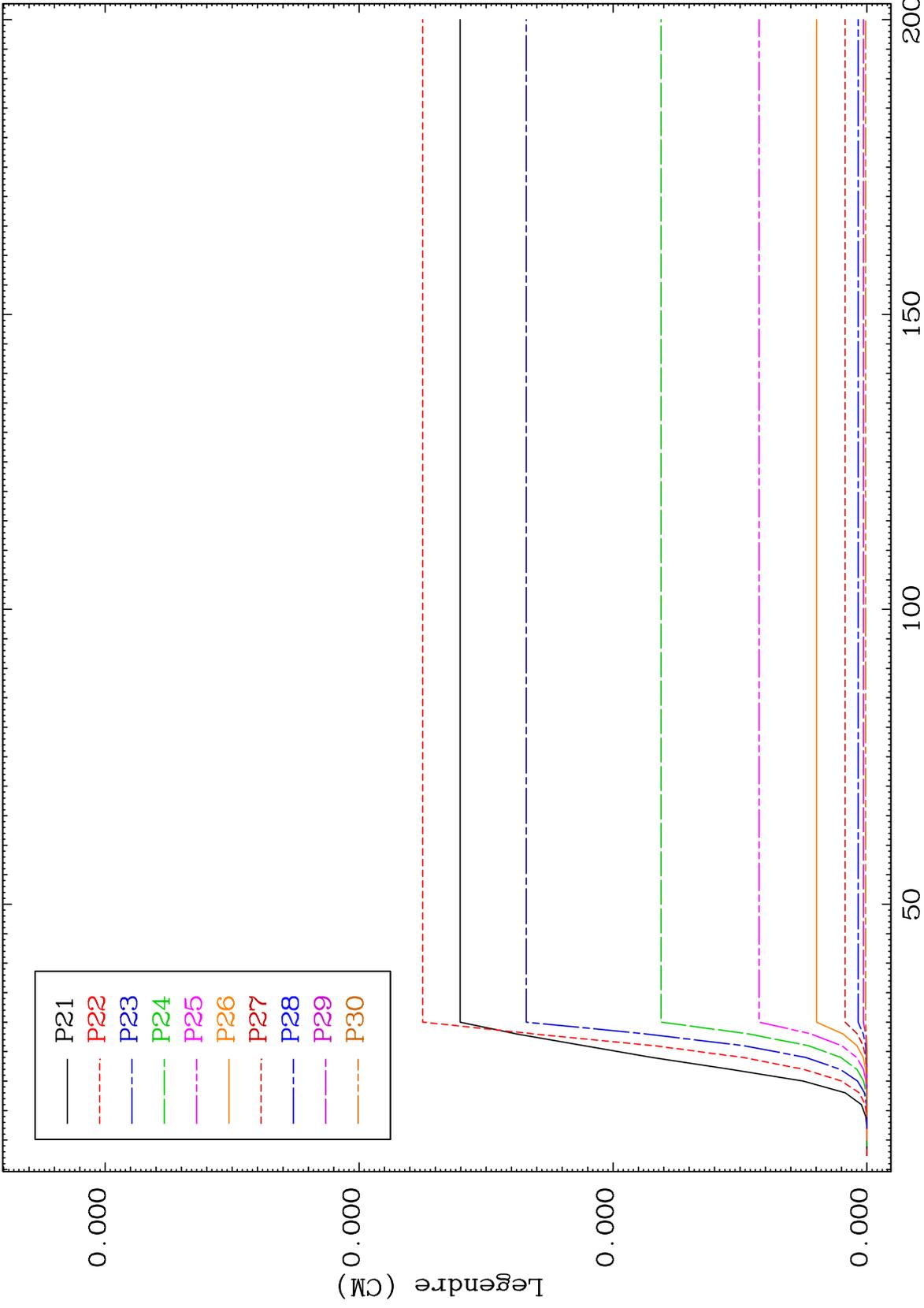
Incident Energy (MeV)

85-At-206

MAT 8534

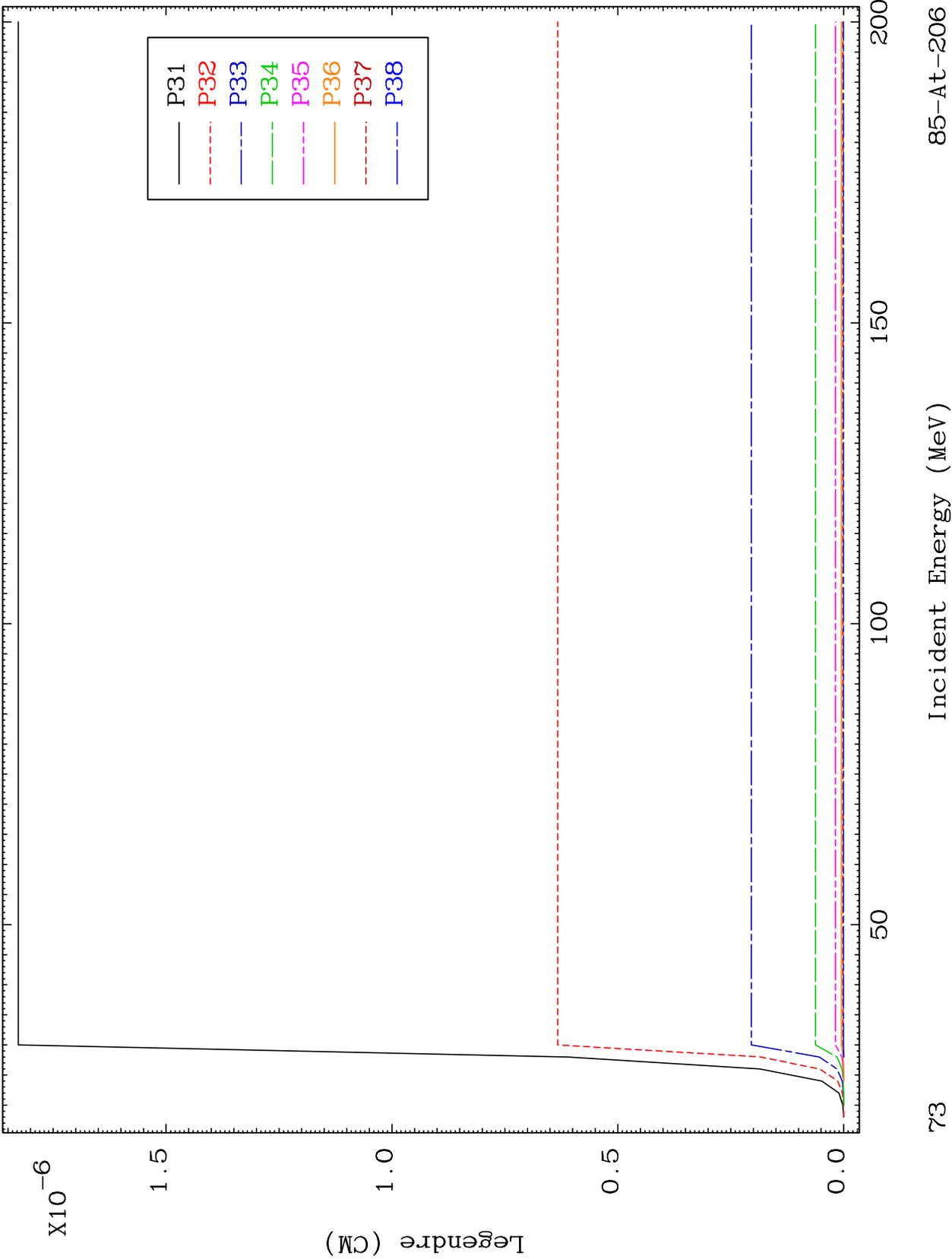
MT= 66 (n,n') Level  
Legendre Coefficients

85-At-206



72

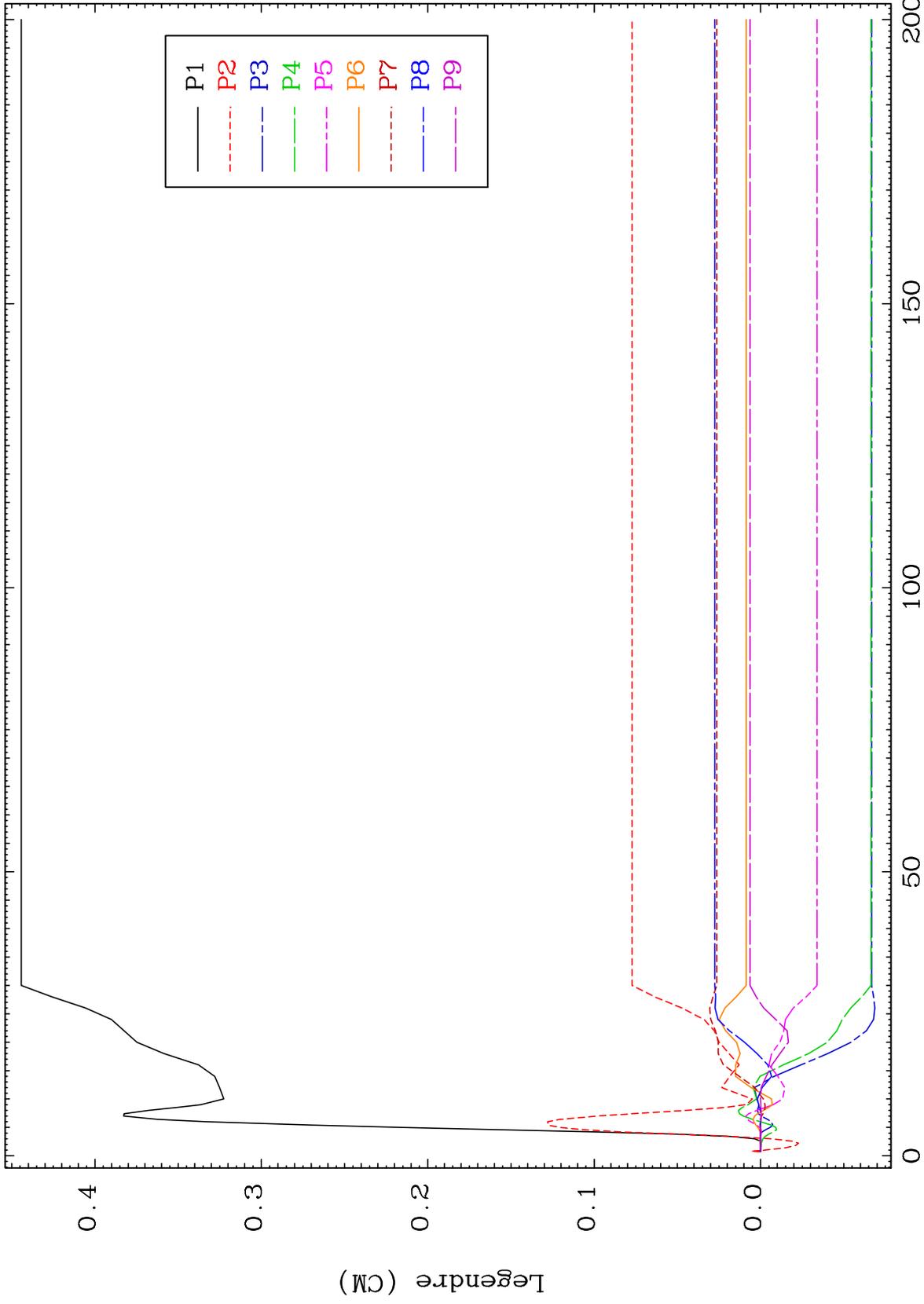
85-At-206



MAT 8534

MT= 67 (n,n') Level  
Legendre Coefficients

85-At-206



74

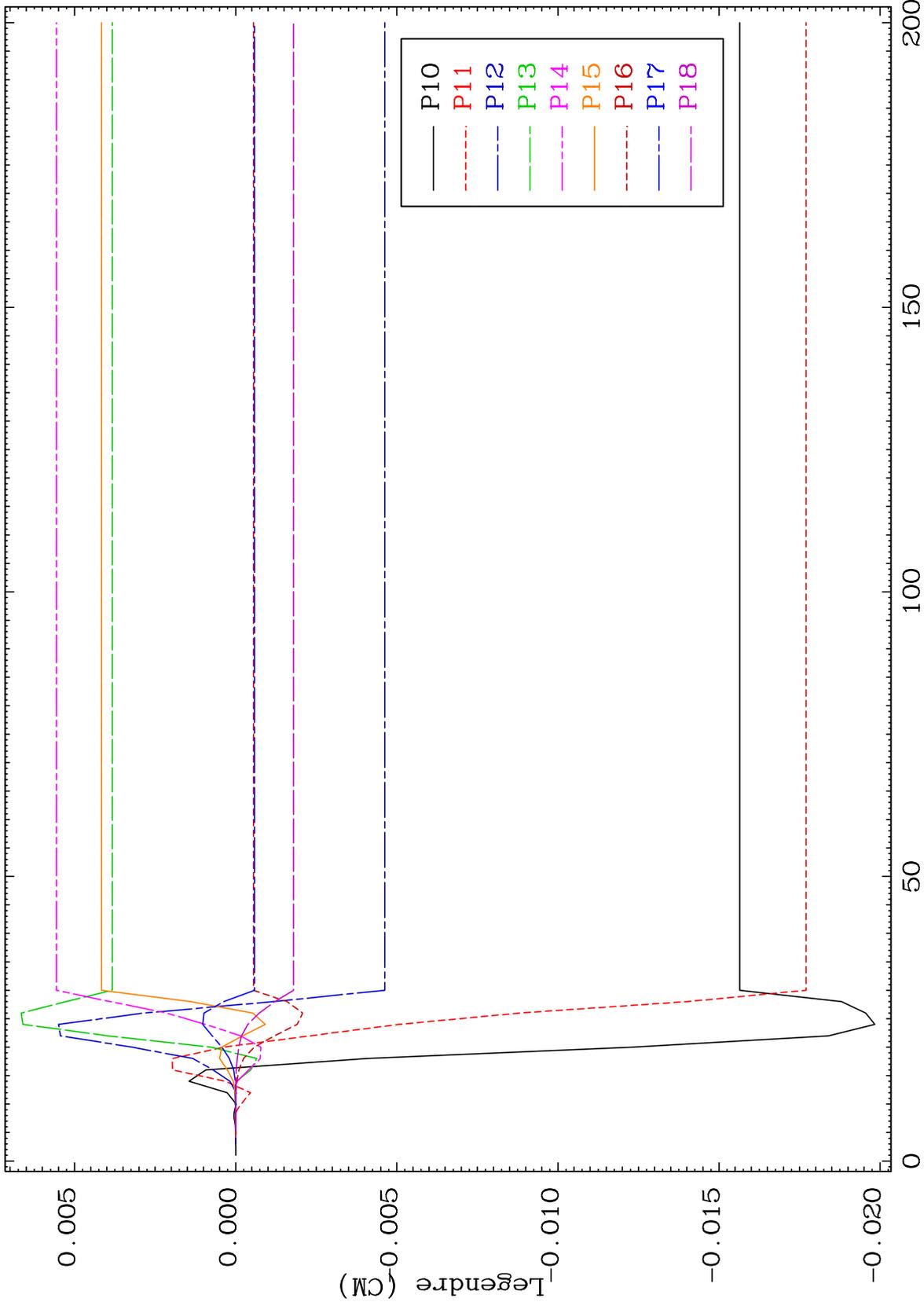
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 67 (n,n') Level  
Legendre Coefficients

85-At-206



75

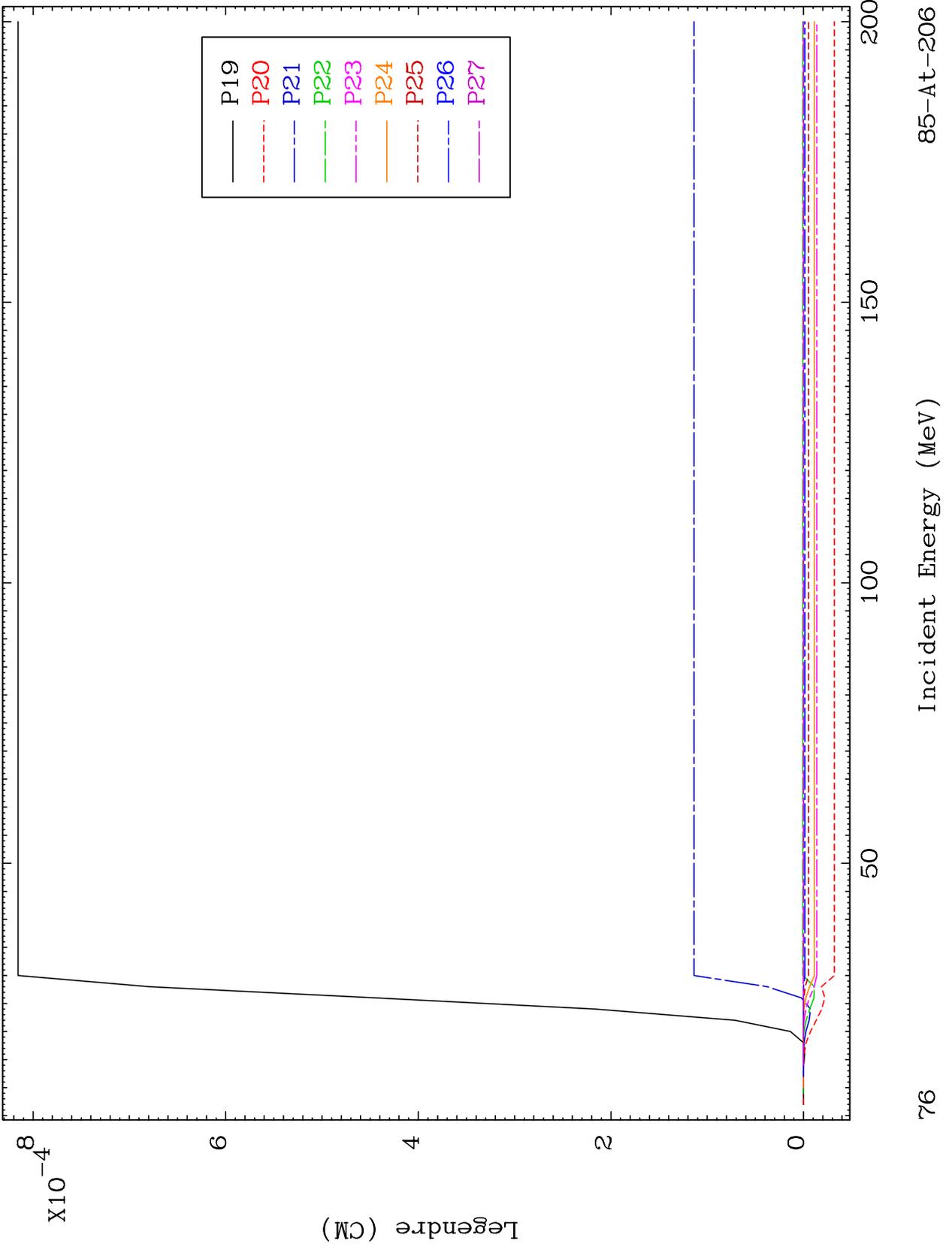
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 67 (n,n') Level  
Legendre Coefficients

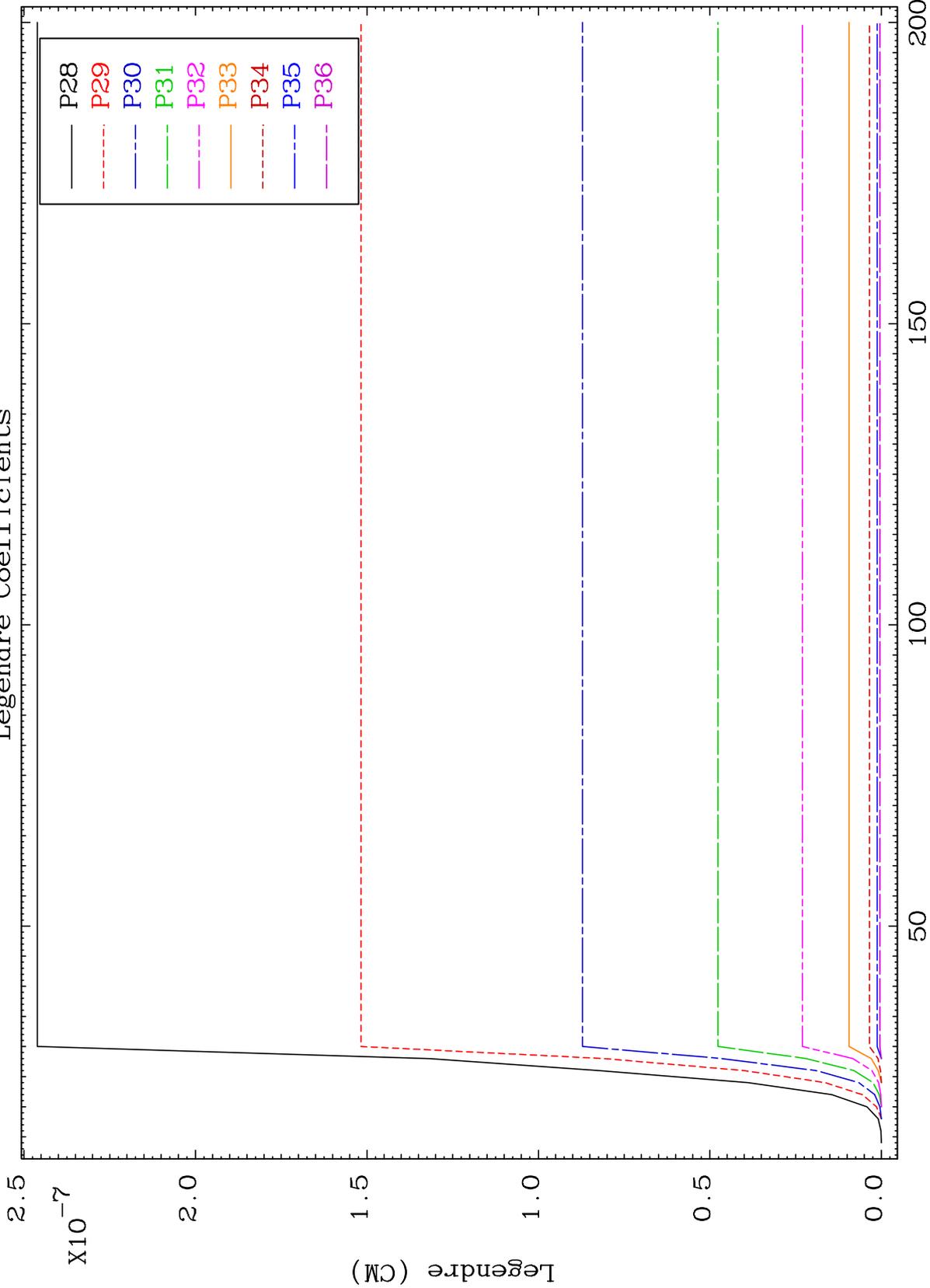
85-At-206



76

Incident Energy (MeV)

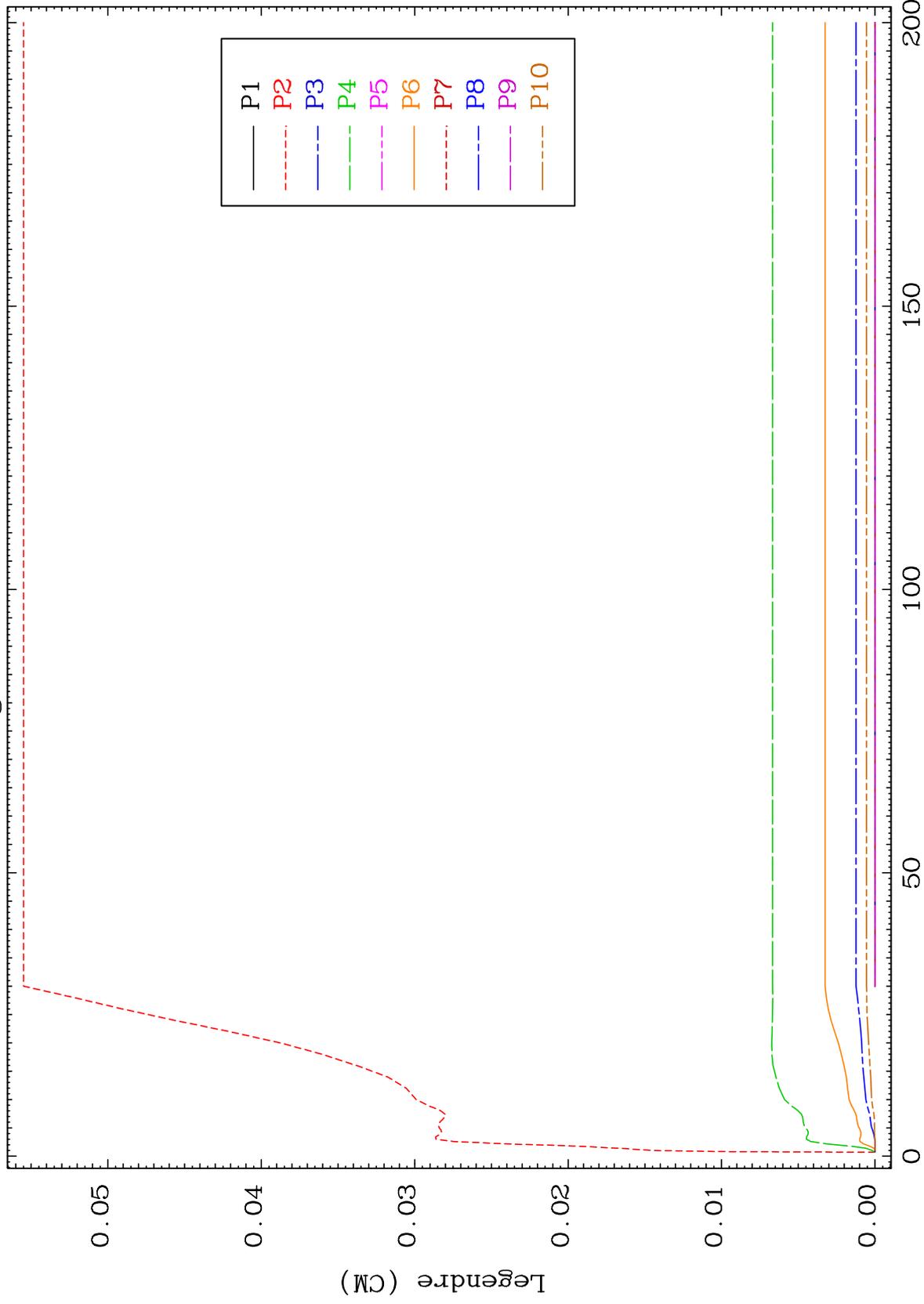
85-At-206



MAT 8534

MT= 68 (n,n') Level  
Legendre Coefficients

85-At-206



85-At-206

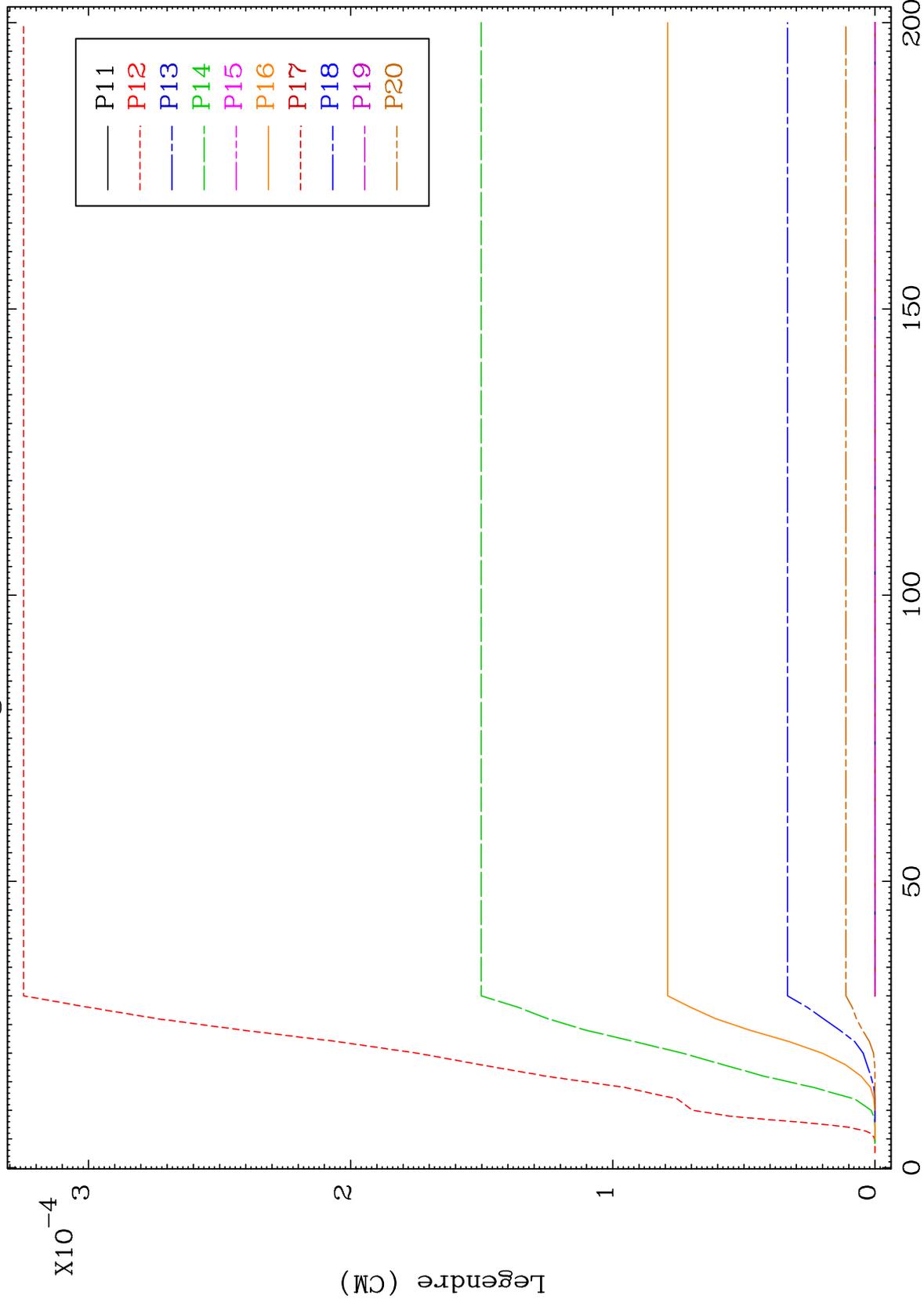
Incident Energy (MeV)

78

MAT 8534

MT= 68 (n,n') Level  
Legendre Coefficients

85-At-206



79

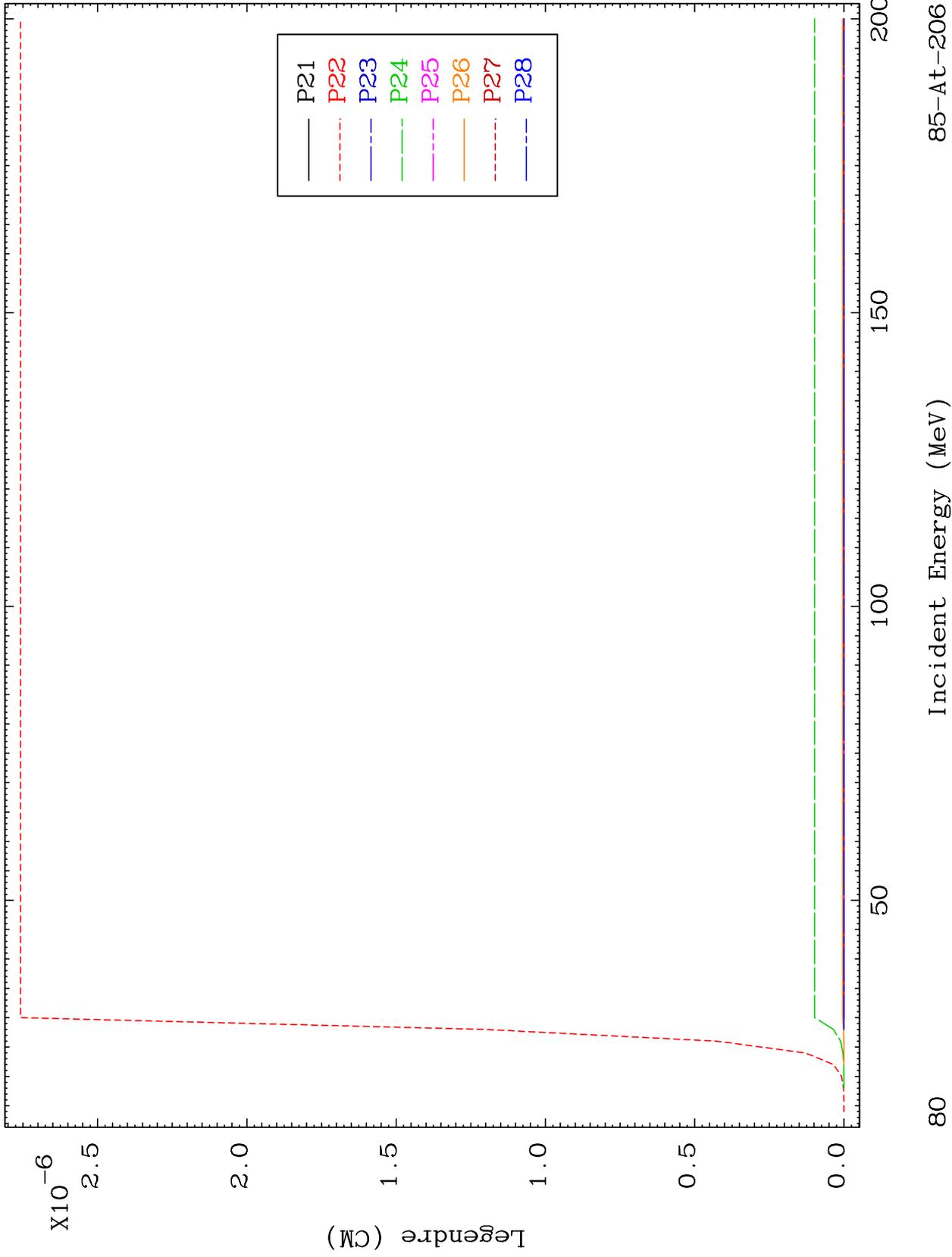
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 68 (n,n') Level  
Legendre Coefficients

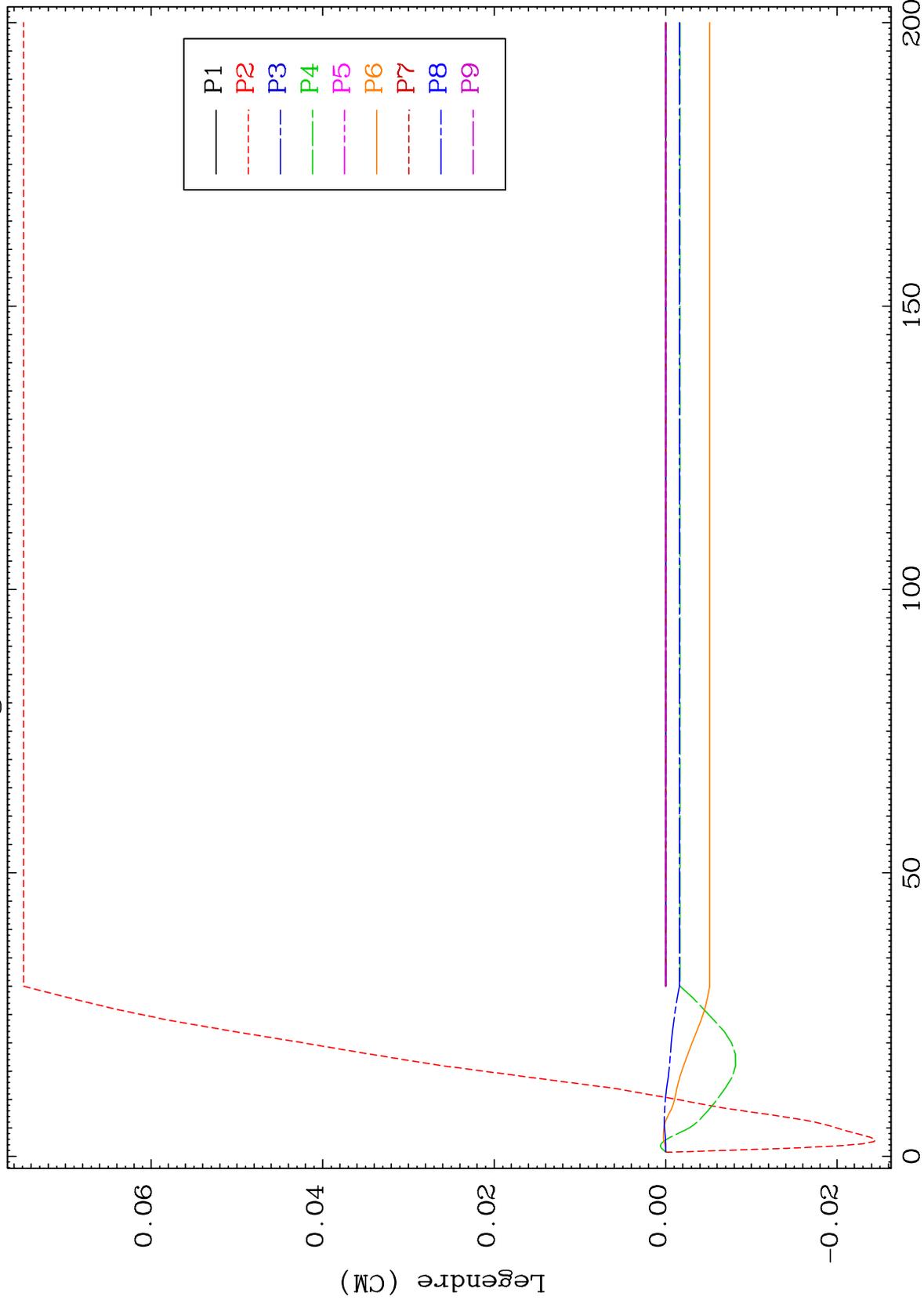
85-At-206



MAT 8534

MT= 69 (n,n') Level  
Legendre Coefficients

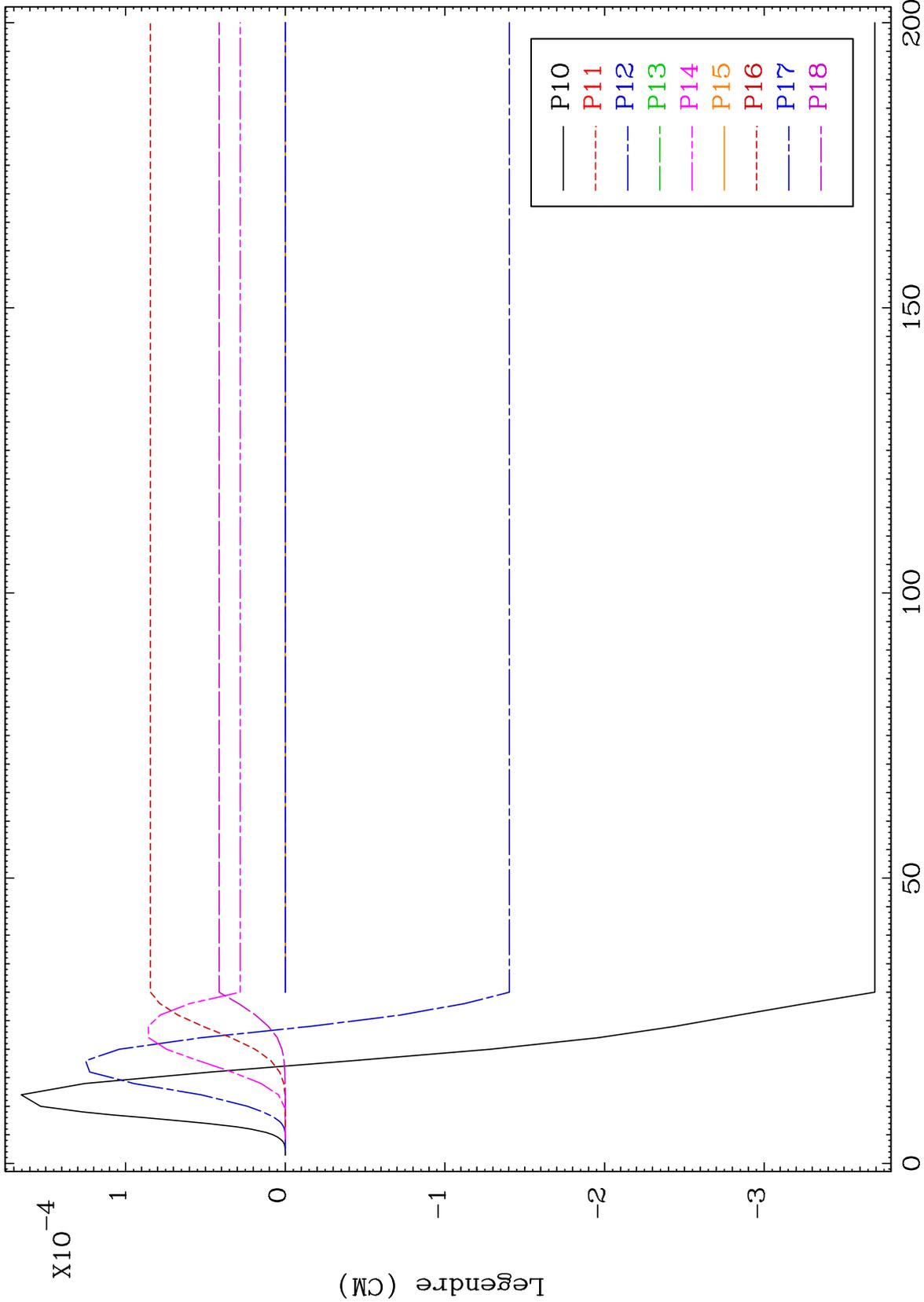
85-At-206

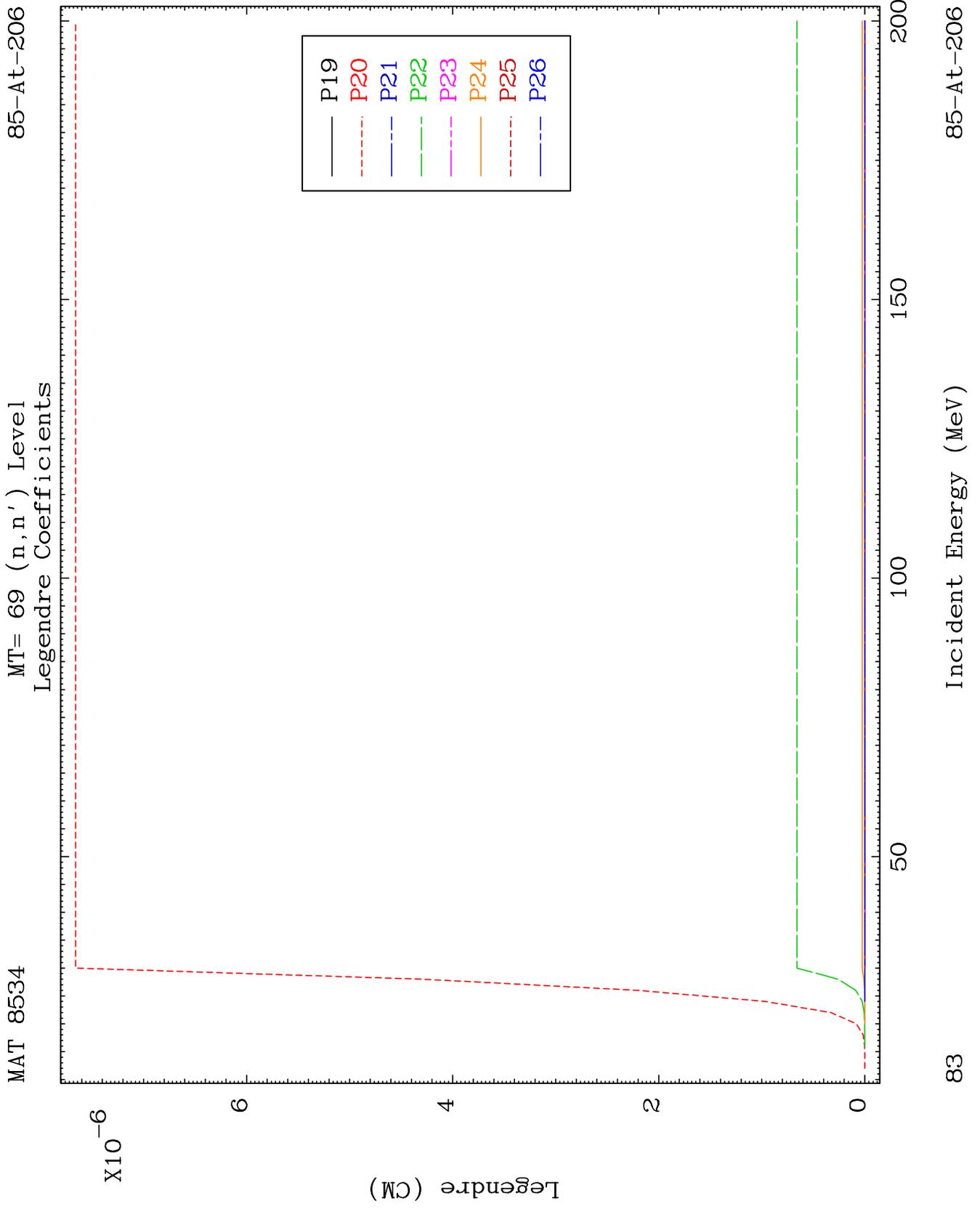


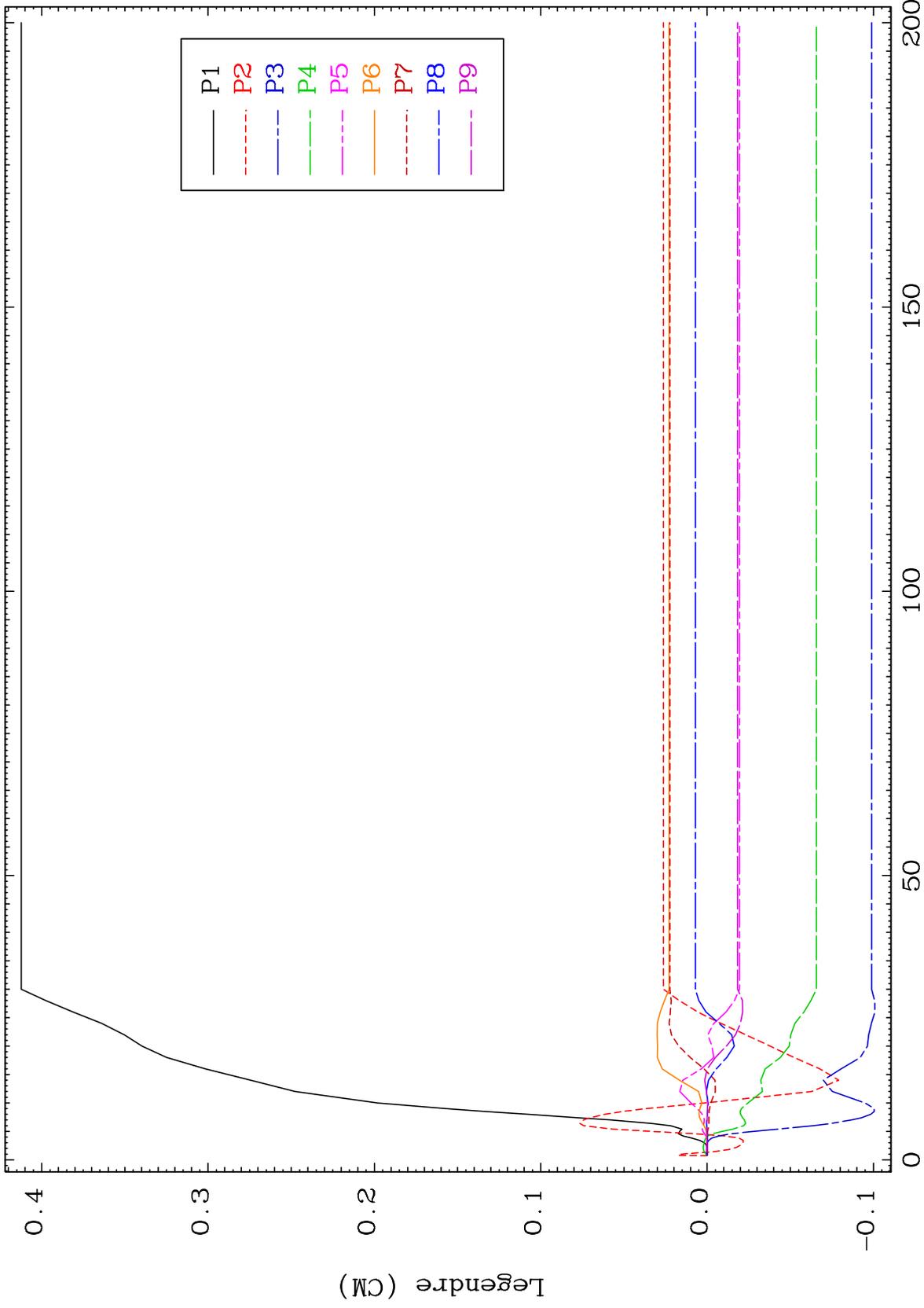
81

Incident Energy (MeV)

85-At-206



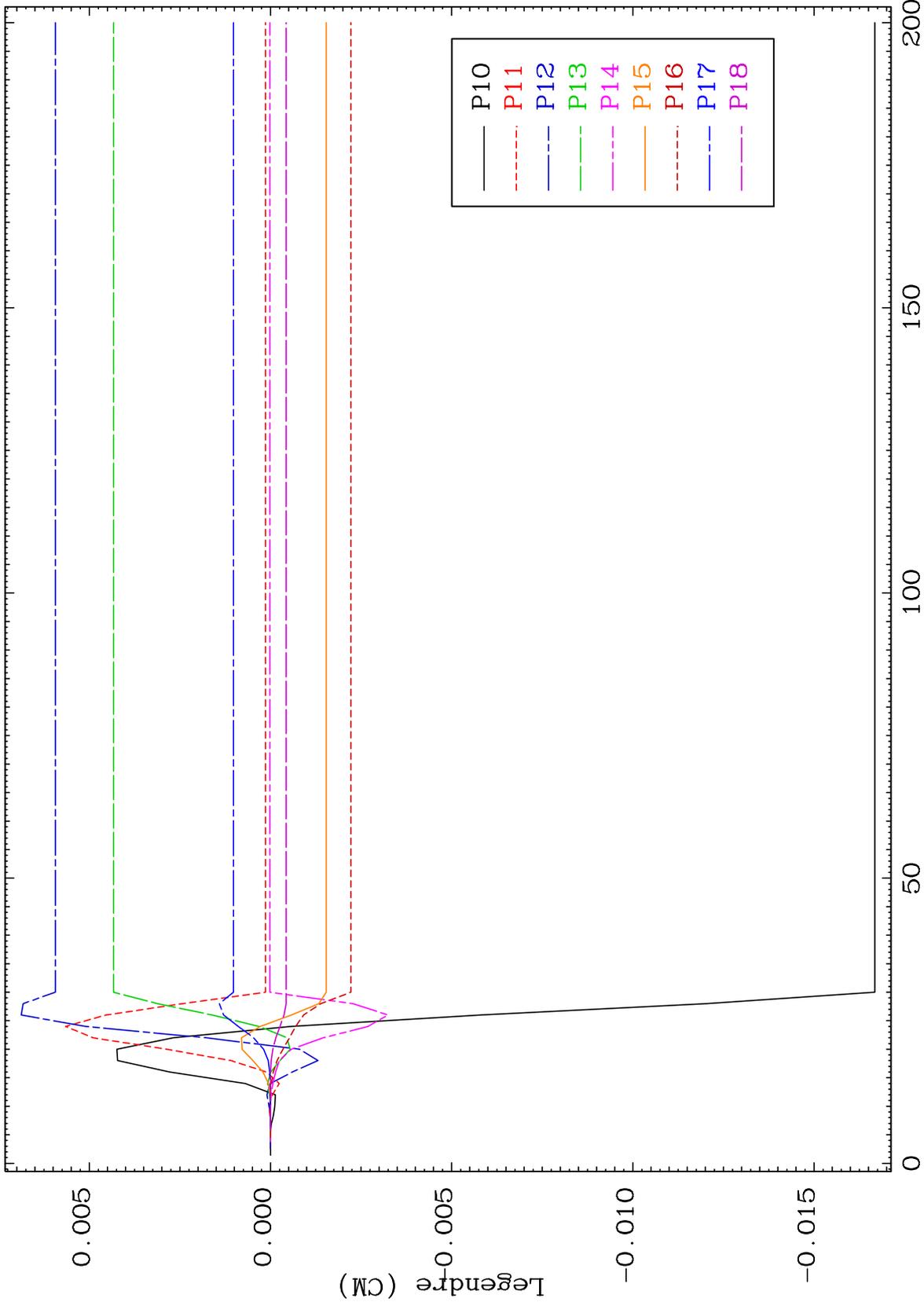




MAT 8534

MT= 70 (n,n') Level  
Legendre Coefficients

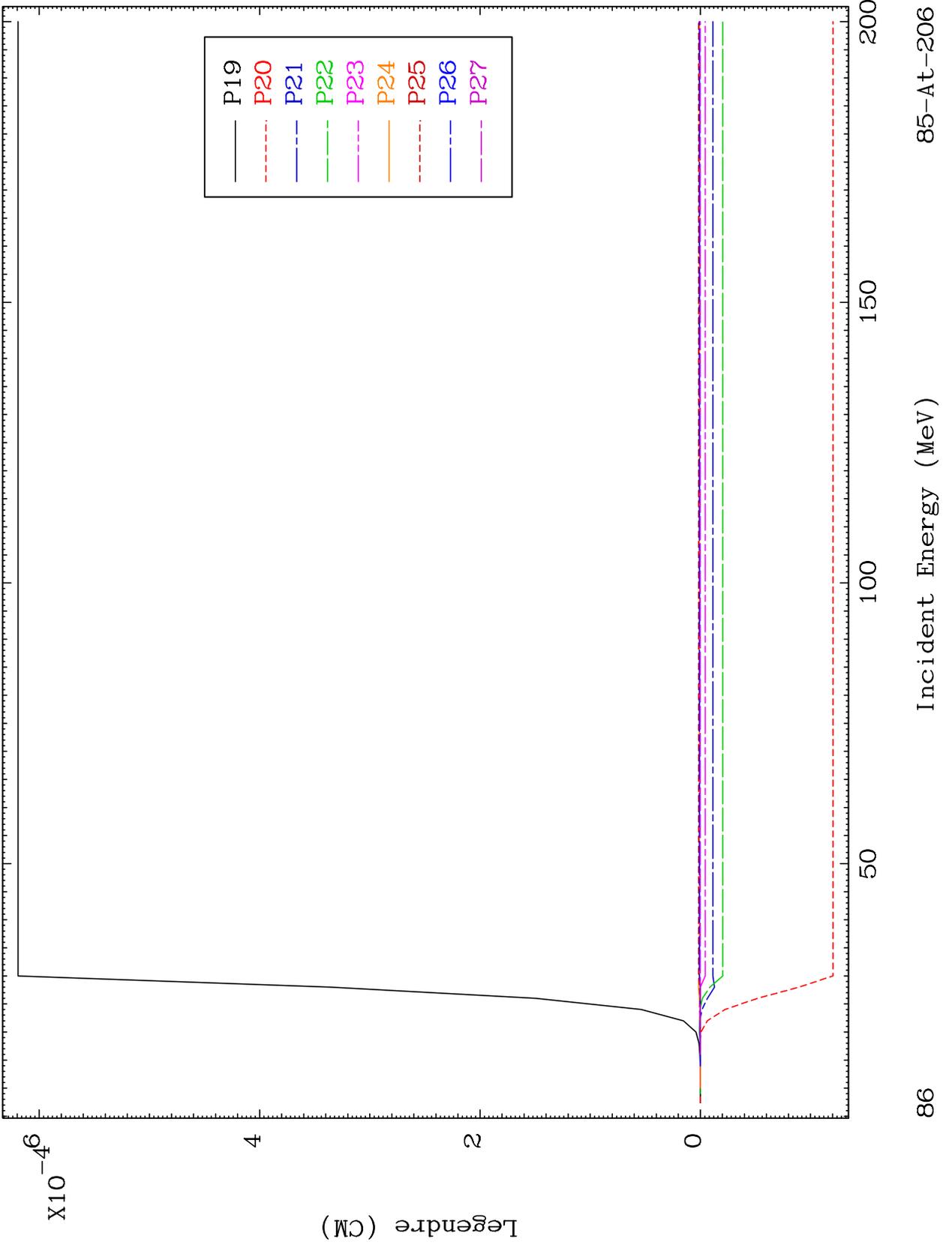
85-At-206

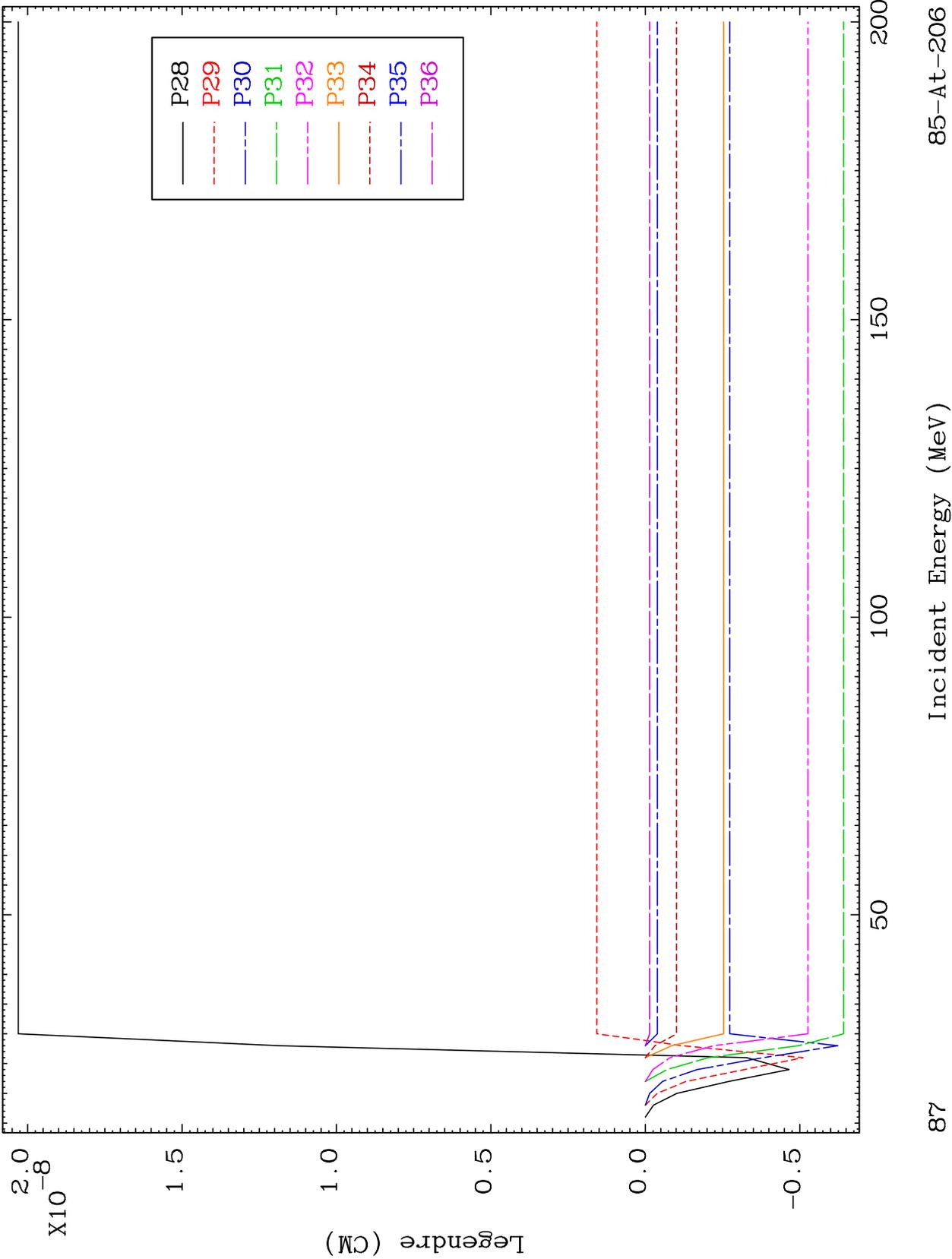


85

Incident Energy (MeV)

85-At-206

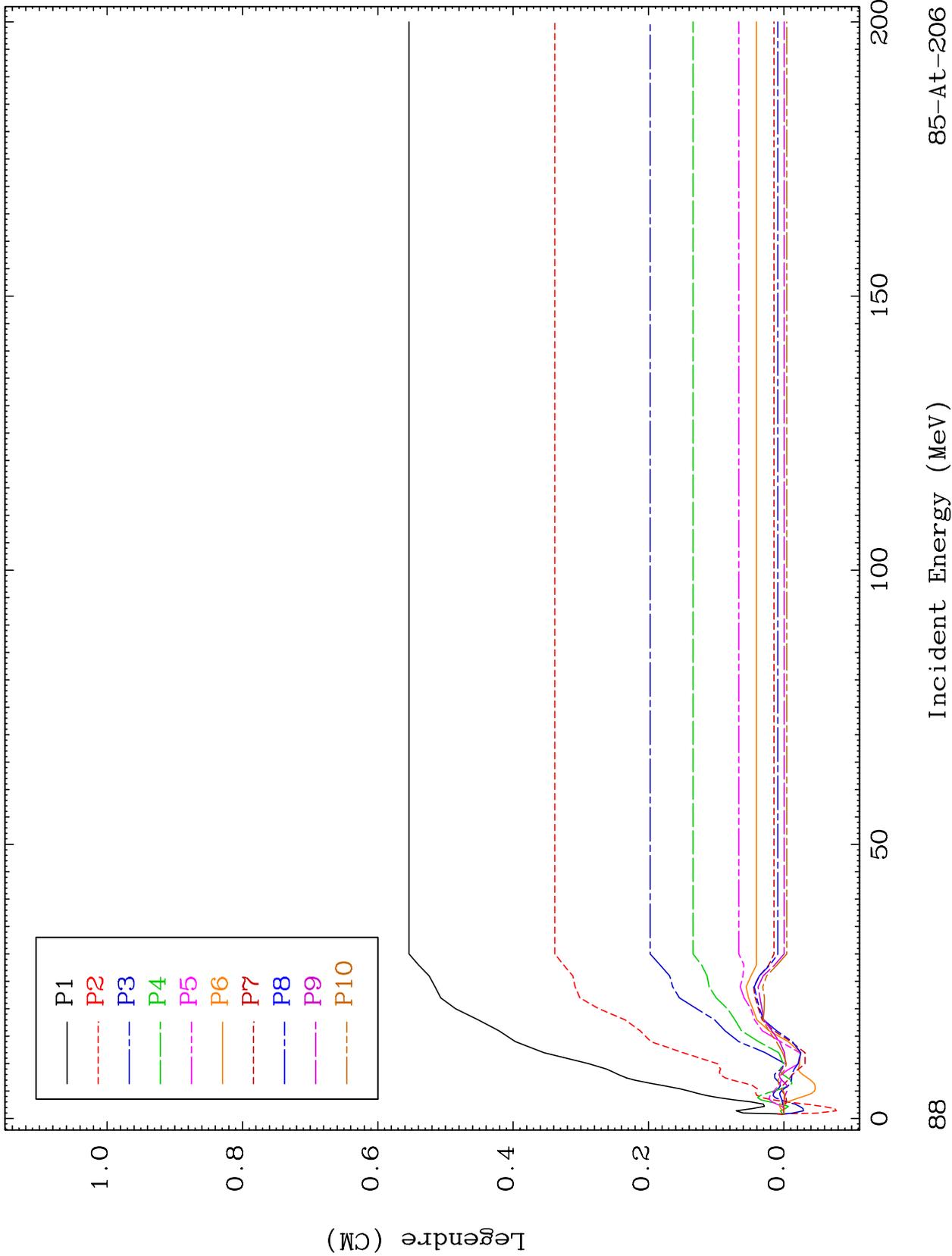




MAT 8534

MT= 71 (n,n') Level  
Legendre Coefficients

85-At-206



85-At-206

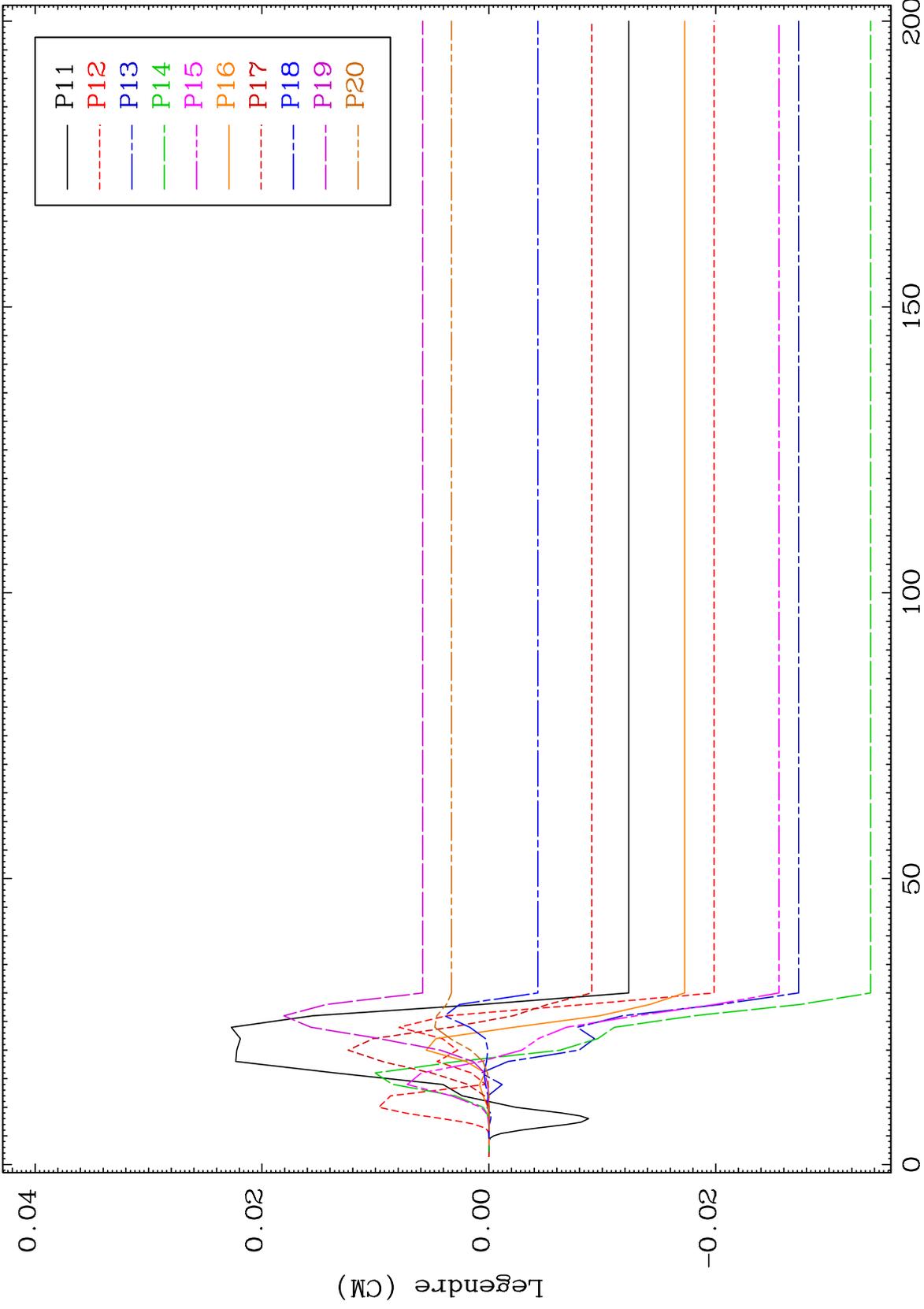
Incident Energy (MeV)

88

MAT 8534

MT= 71 (n,n') Level  
Legendre Coefficients

85-At-206



89

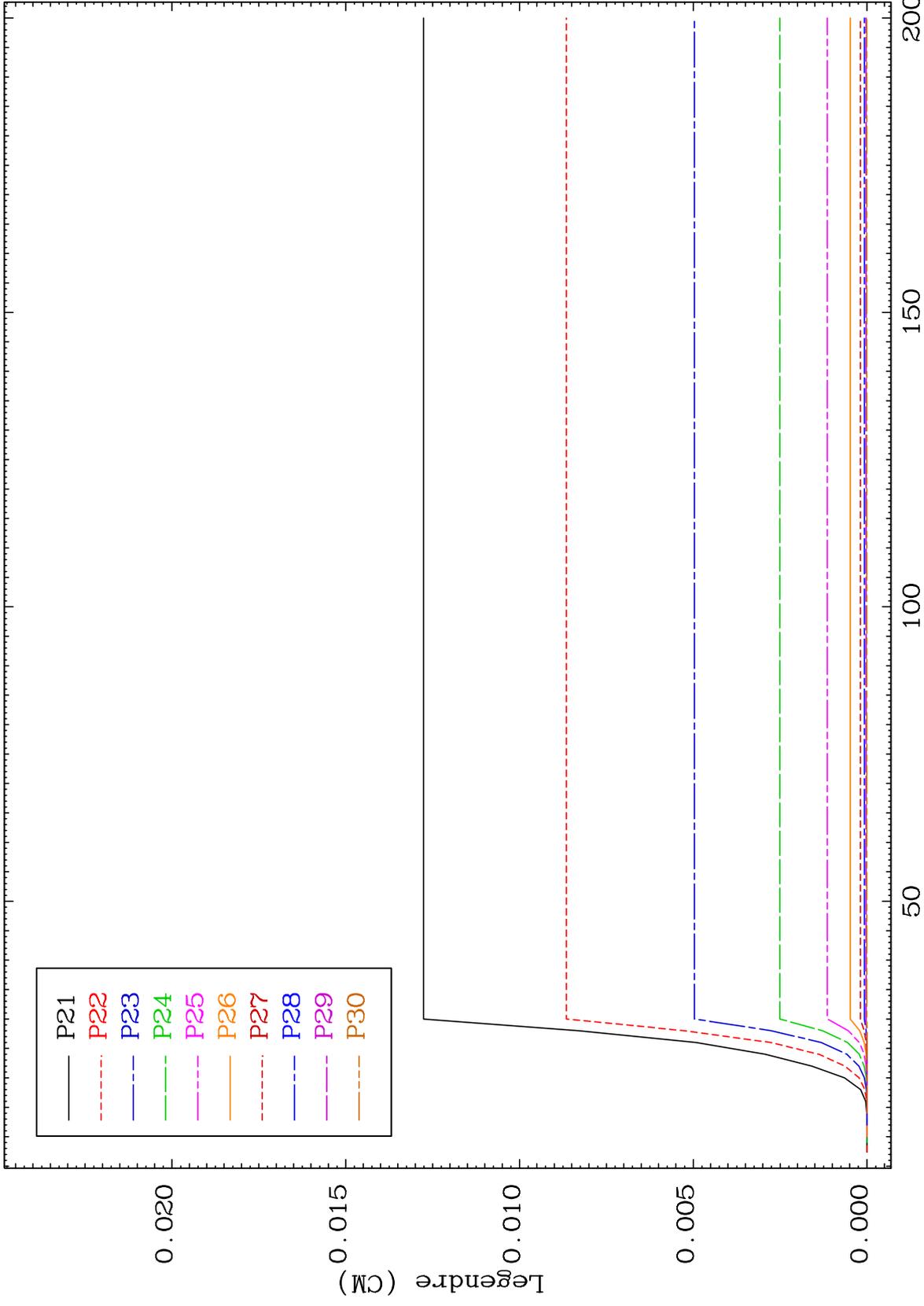
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 71 (n,n') Level  
Legendre Coefficients

85-At-206



90

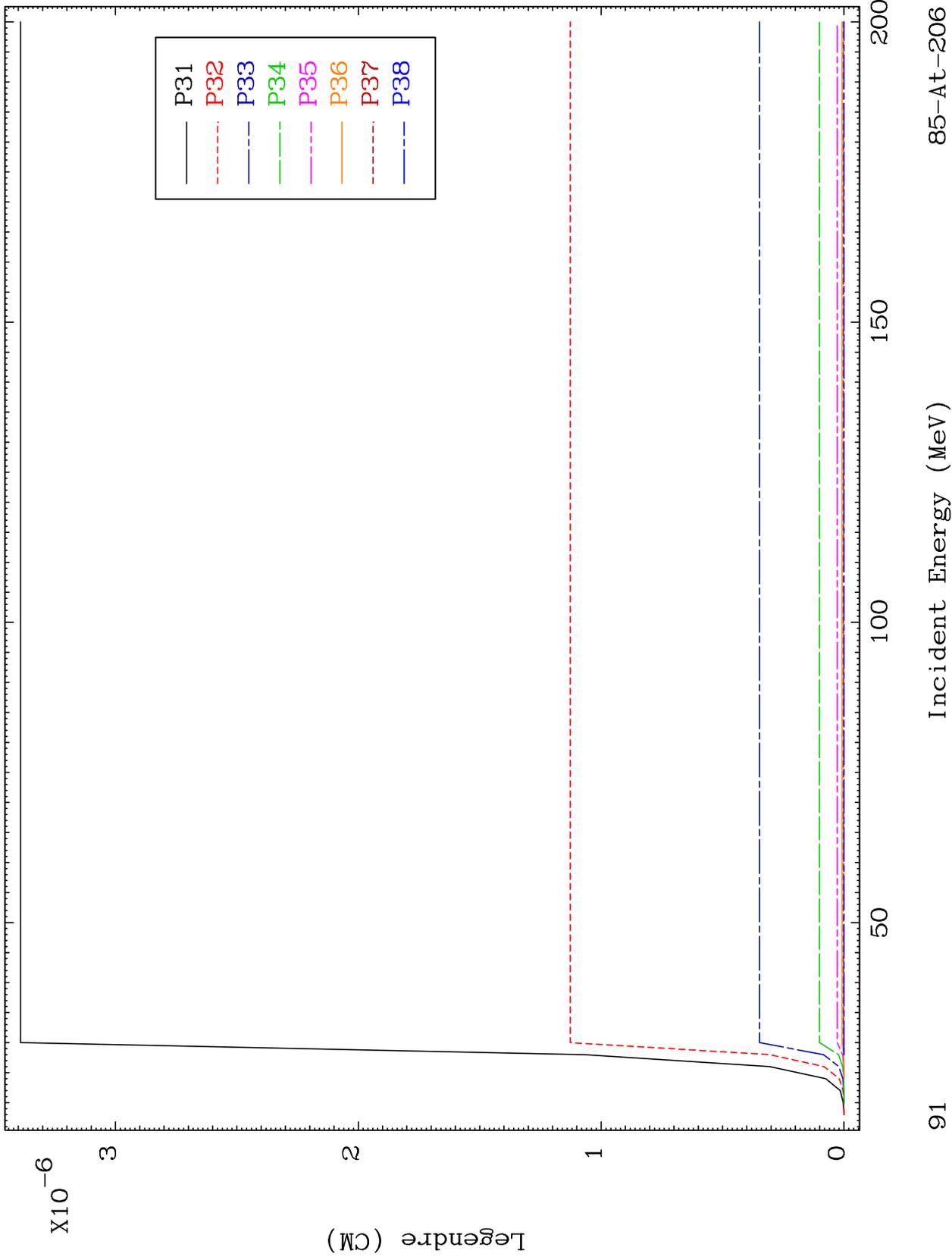
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 71 (n,n') Level  
Legendre Coefficients

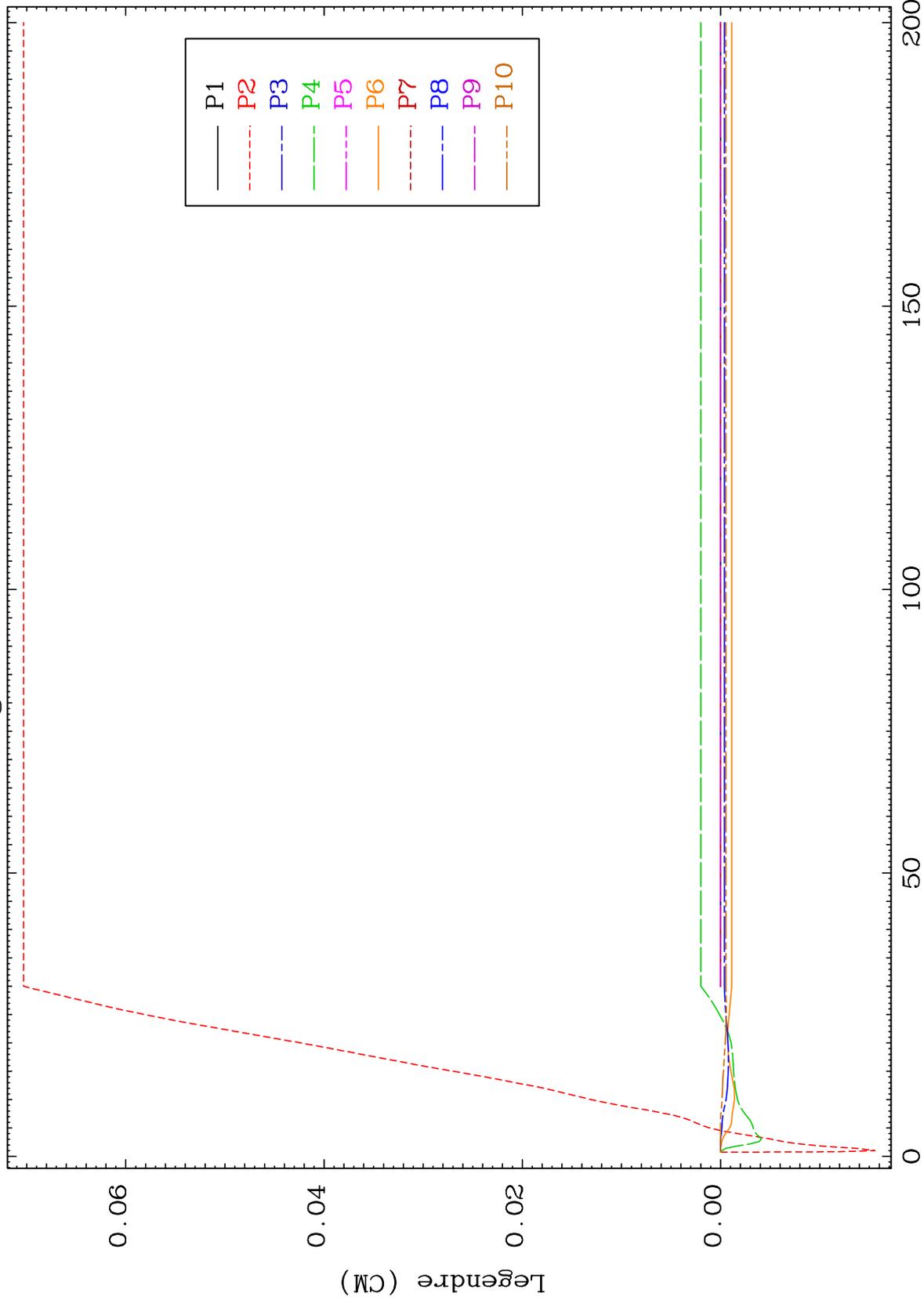
85-At-206



MAT 8534

MT= 72 (n,n') Level  
Legendre Coefficients

85-At-206



92

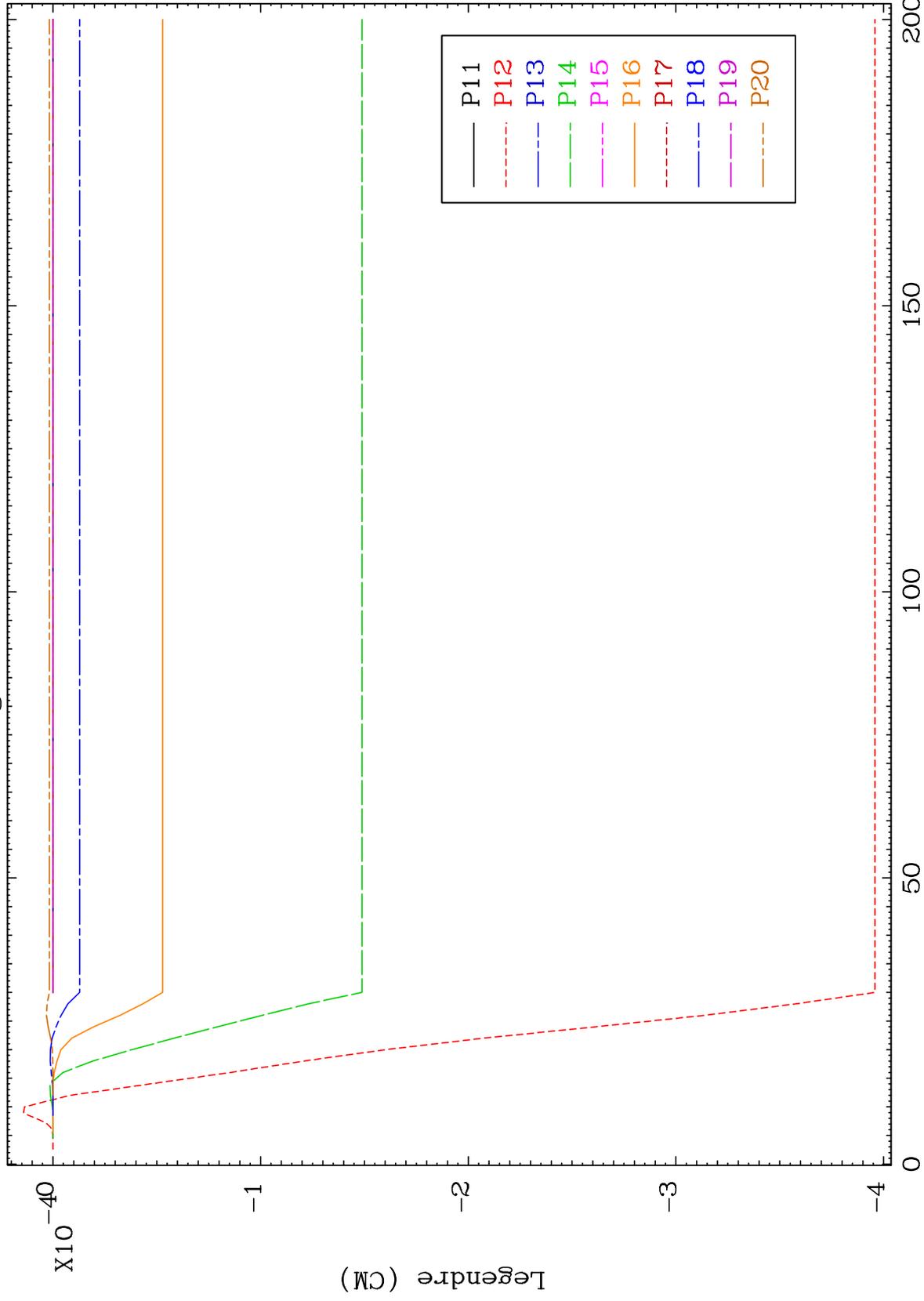
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 72 (n,n') Level  
Legendre Coefficients

85-At-206



93

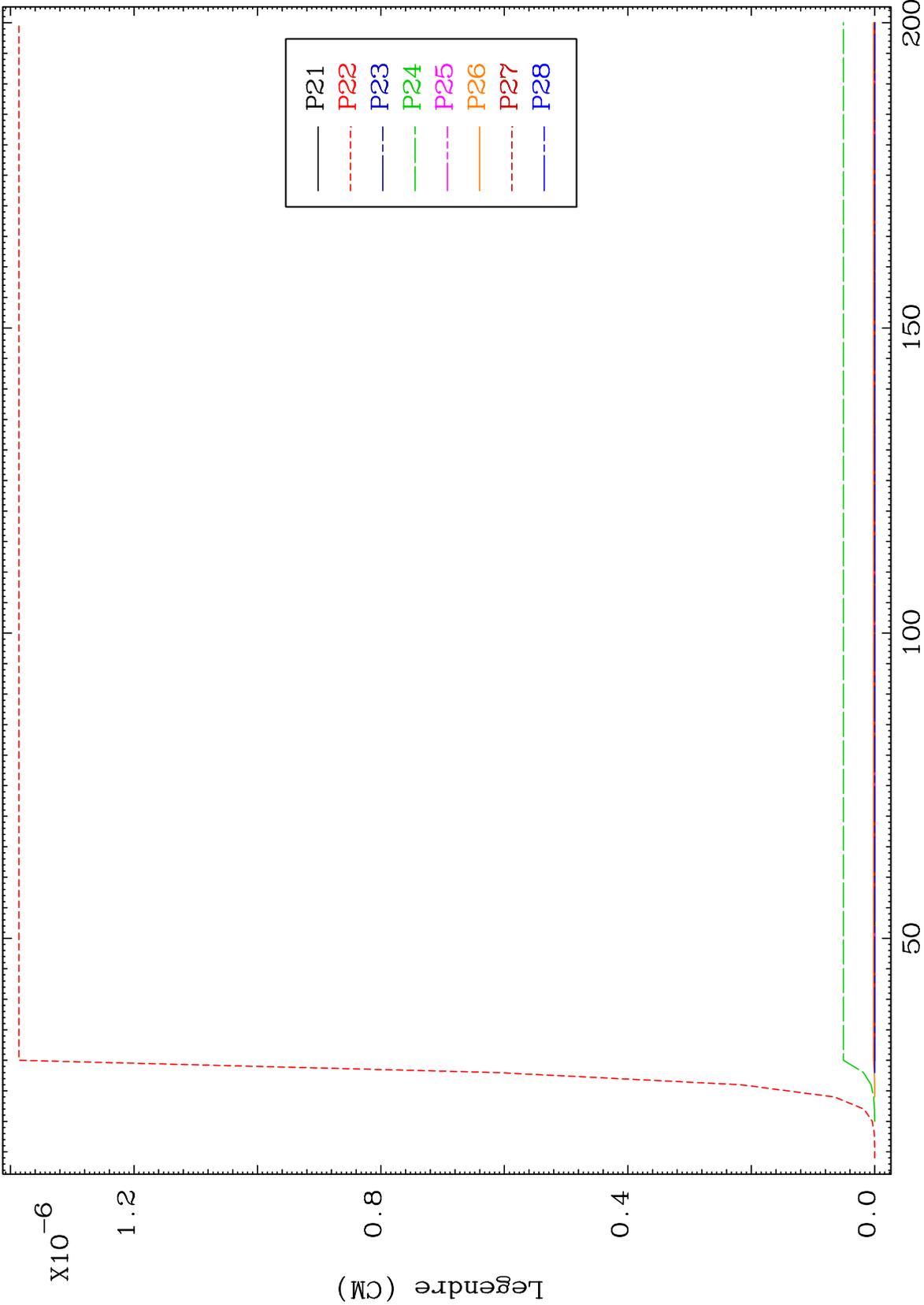
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 72 (n,n') Level  
Legendre Coefficients

85-At-206



94

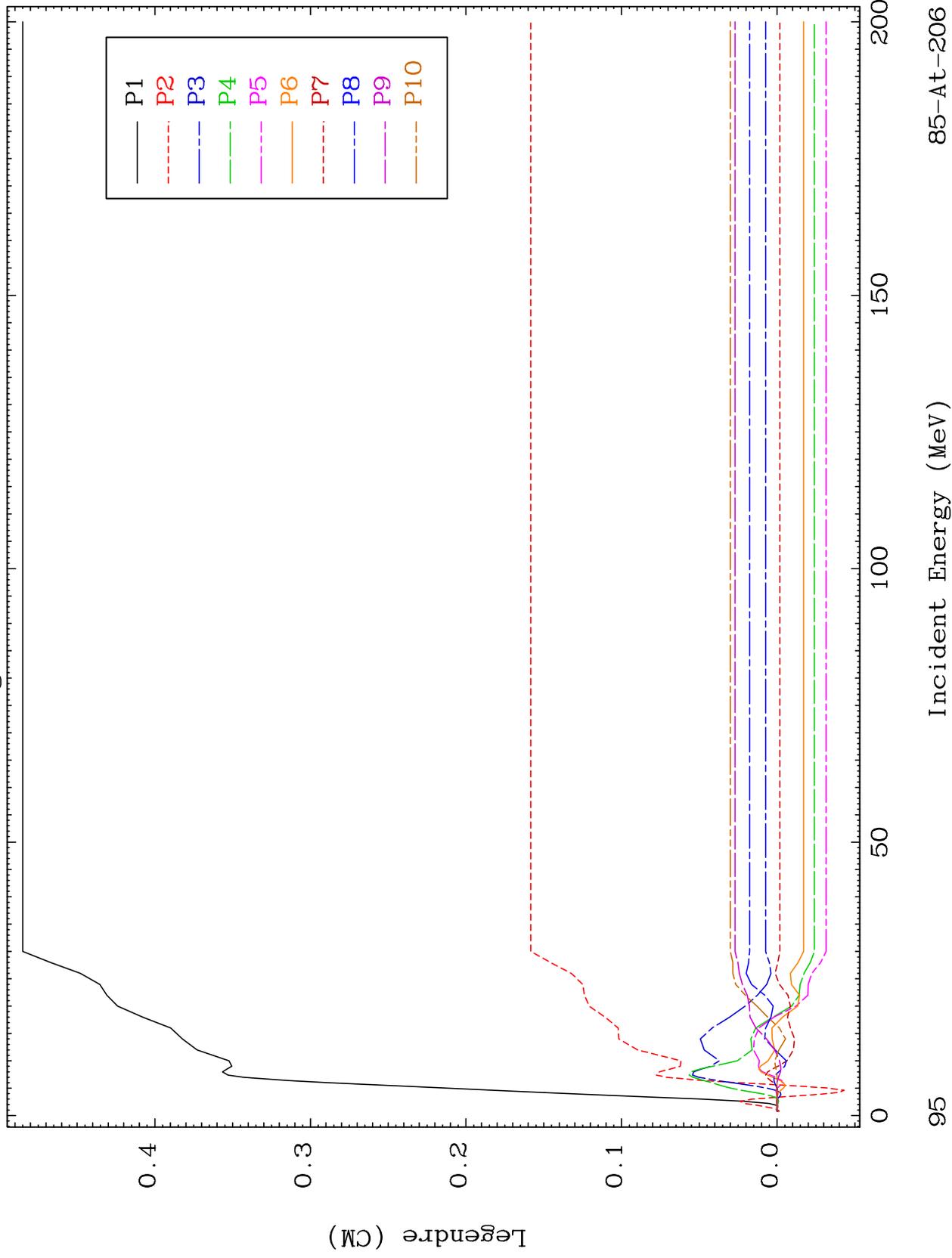
85-At-206

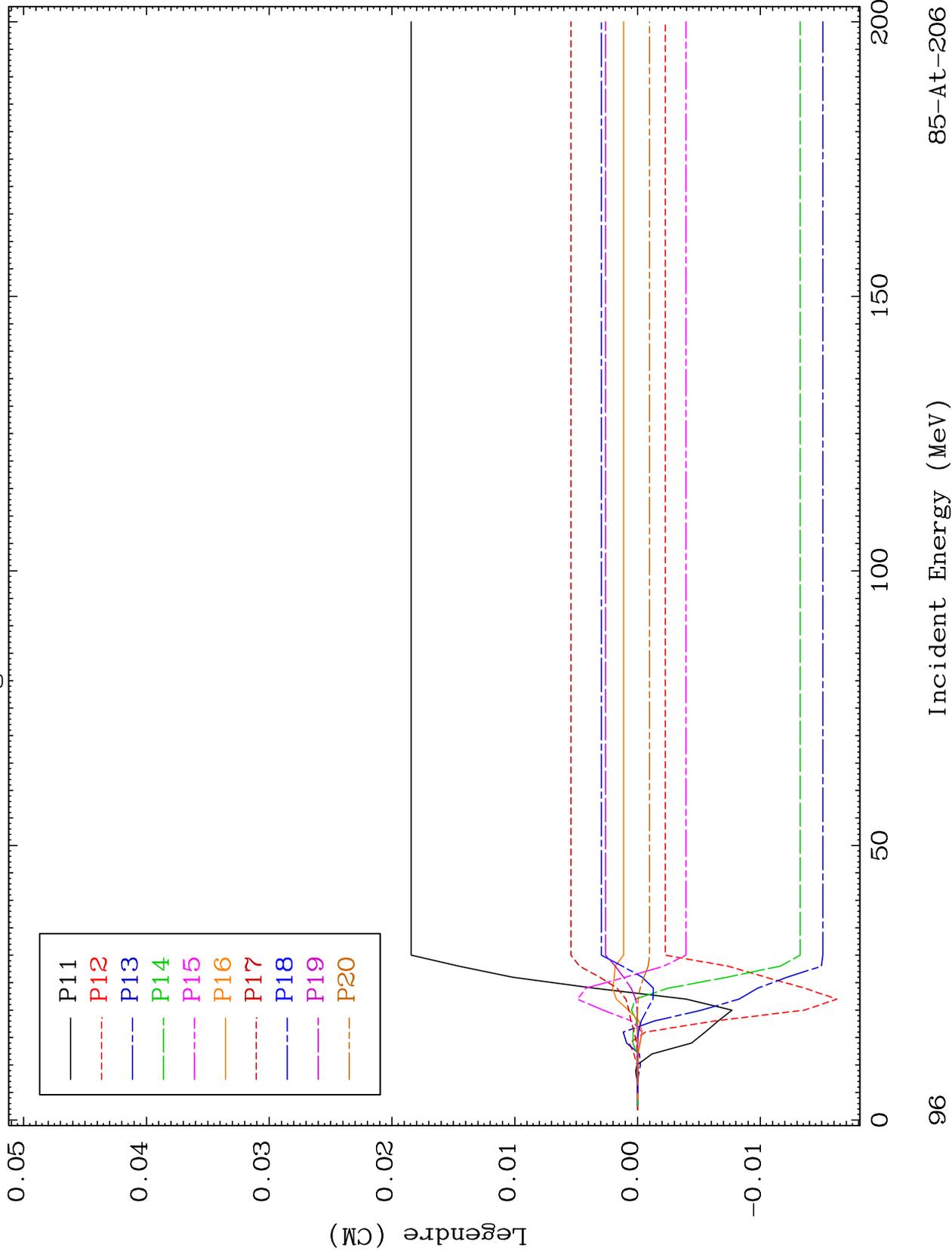
MAT 8534

MT= 73 (n,n') Level

85-At-206

Legendre Coefficients

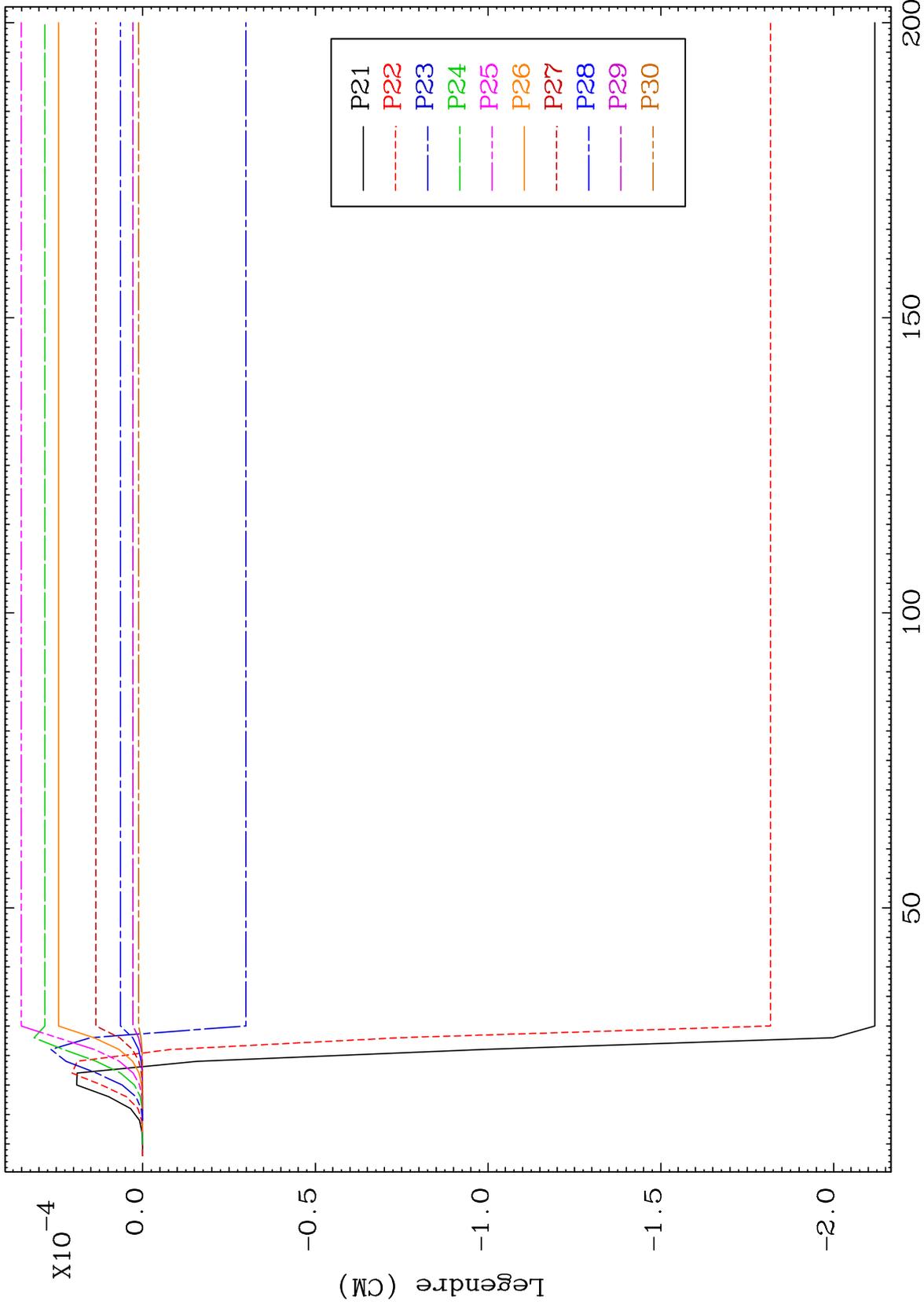




MAT 8534

MT= 73 (n,n') Level  
Legendre Coefficients

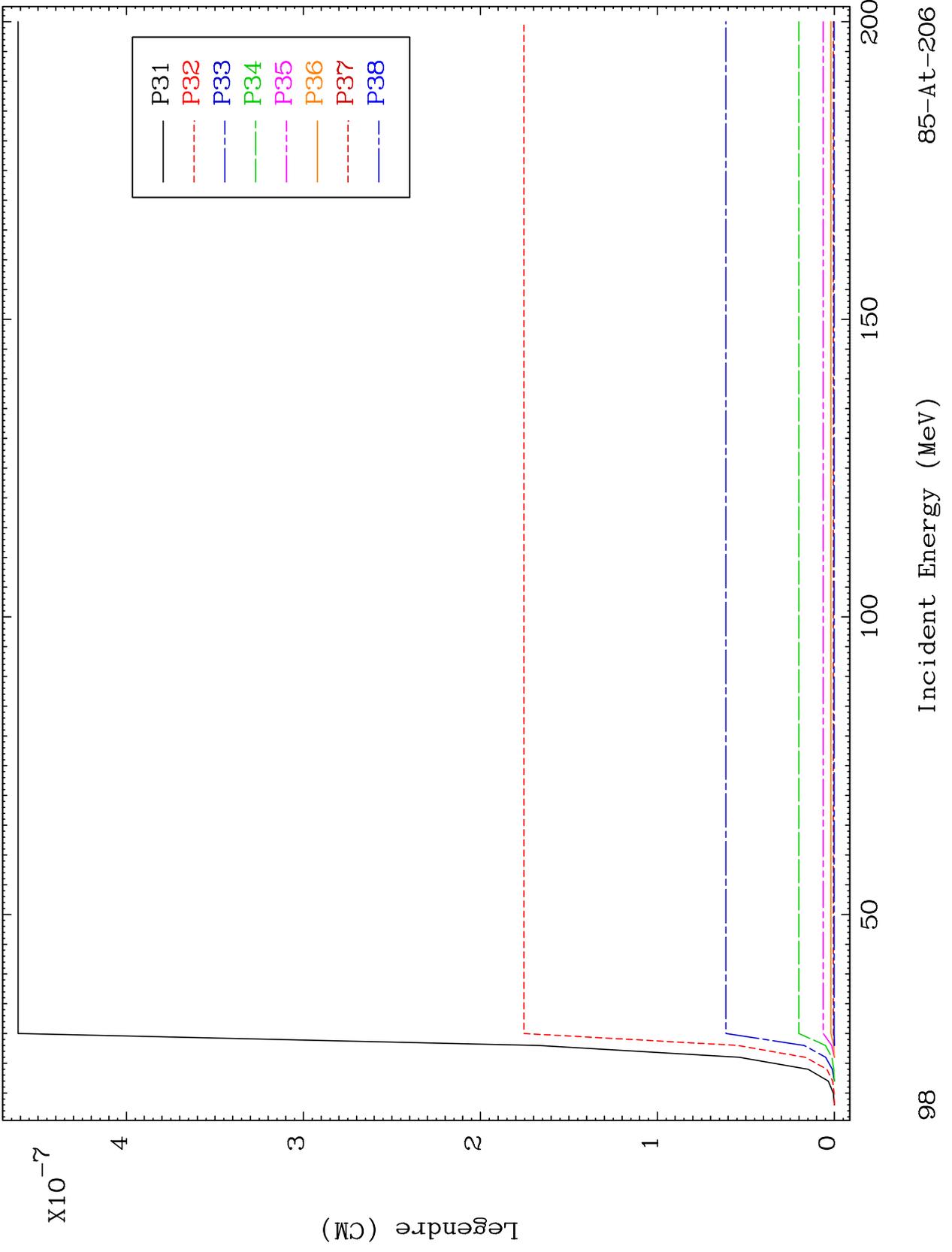
85-At-206



MAT 8534

MT= 73 (n,n') Level  
Legendre Coefficients

85-At-206



98

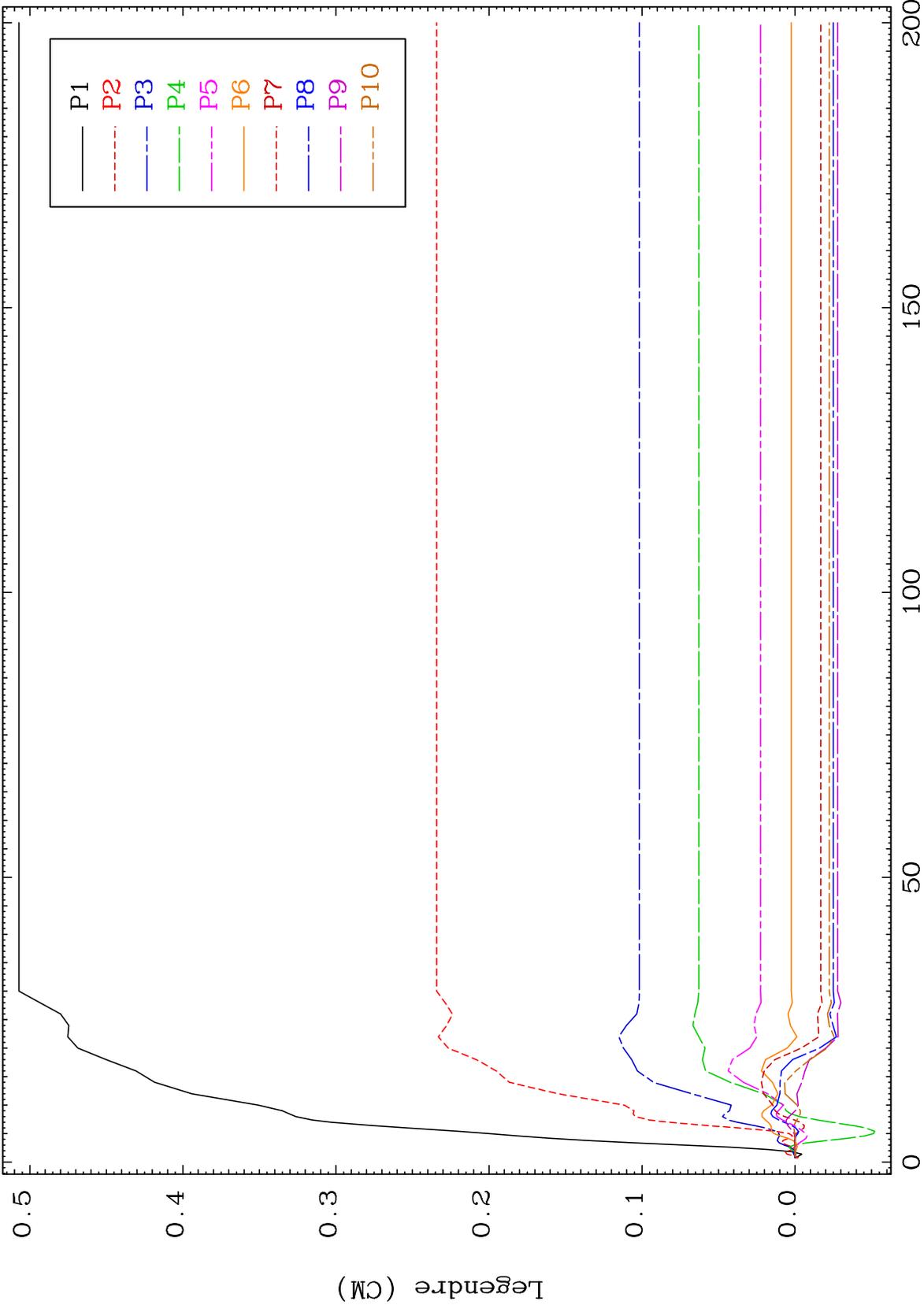
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 74 (n,n') Level  
Legendre Coefficients

85-At-206



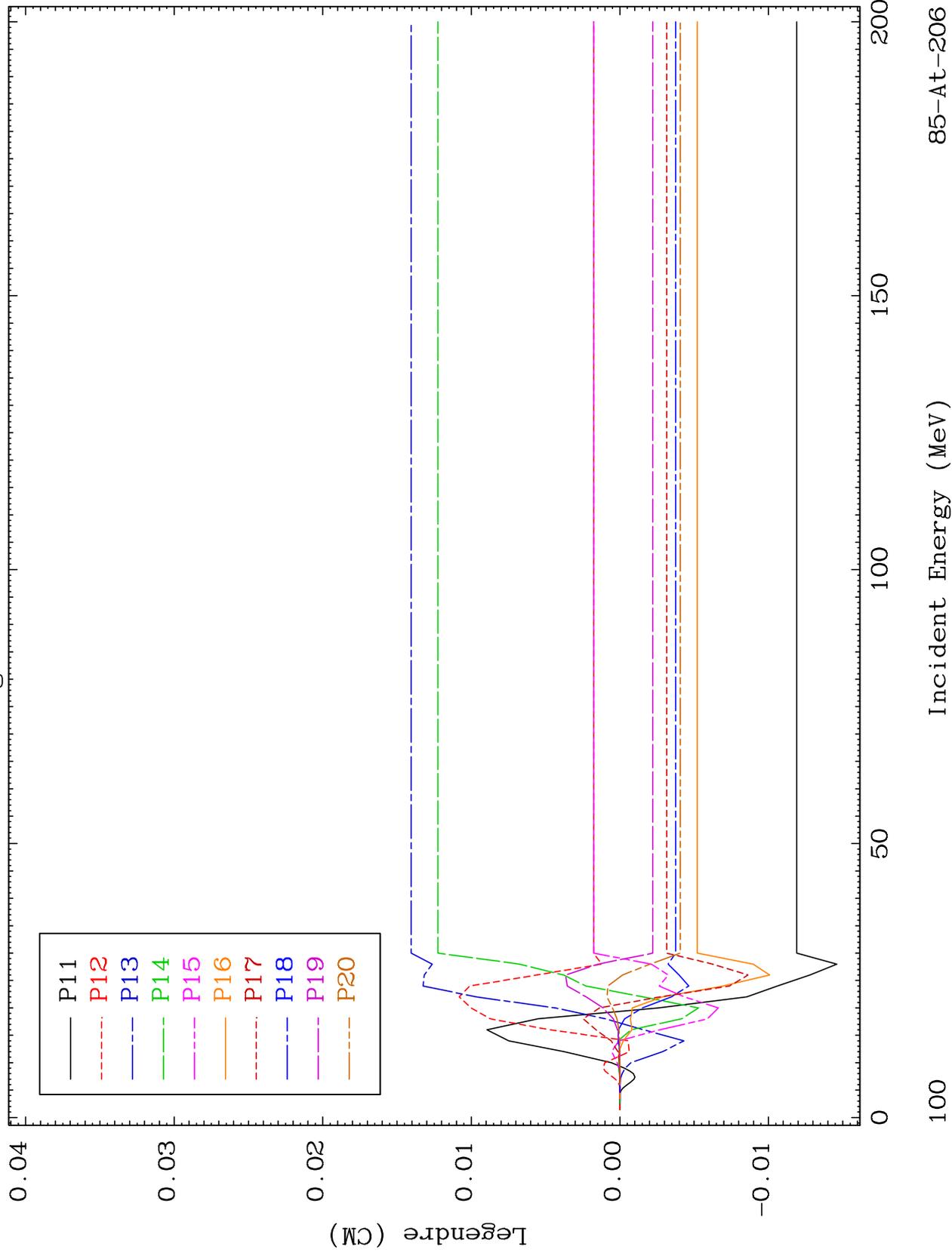
99

85-At-206

MAT 8534

MT= 74 (n,n') Level  
Legendre Coefficients

85-At-206



85-At-206

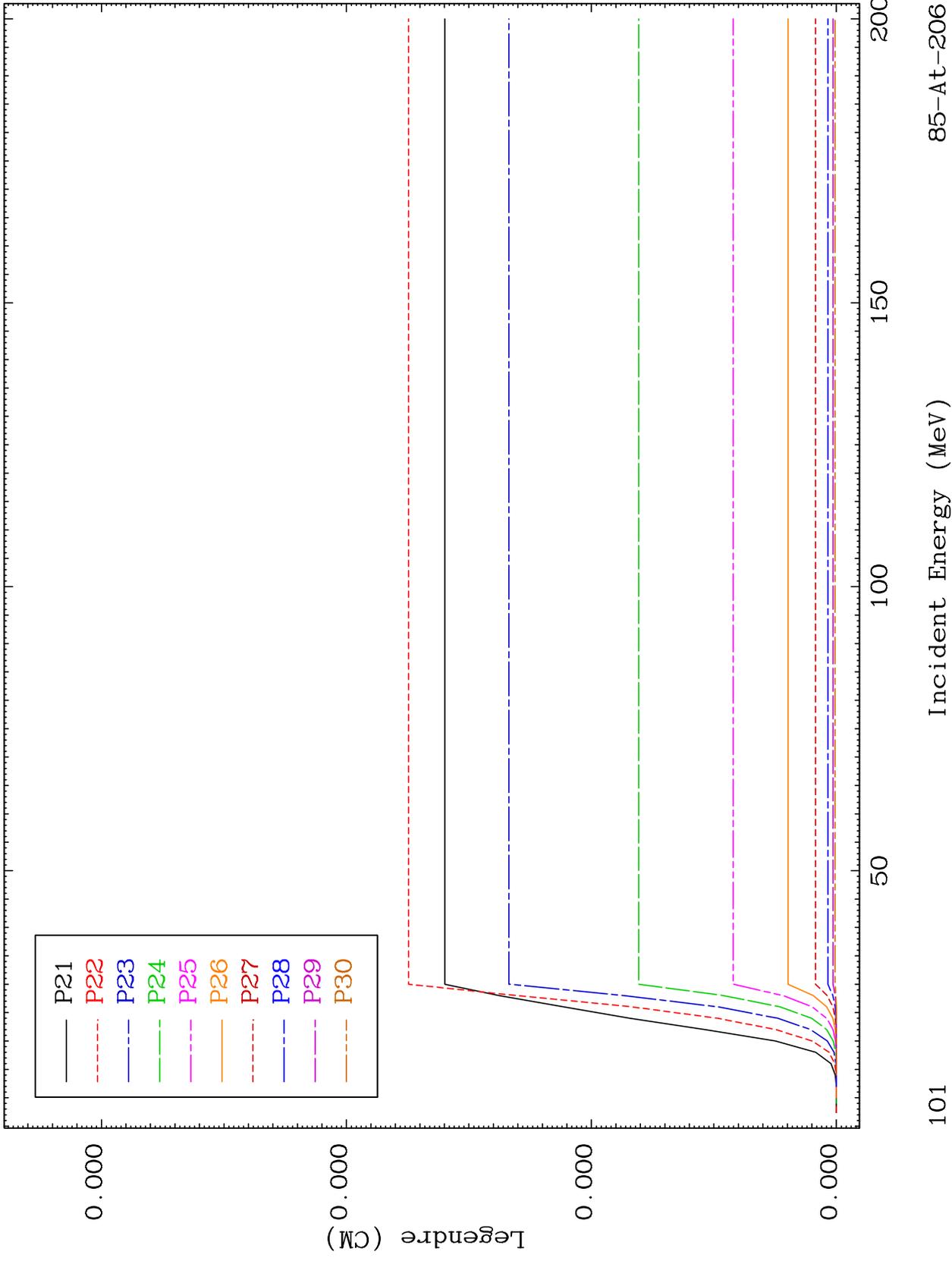
Incident Energy (MeV)

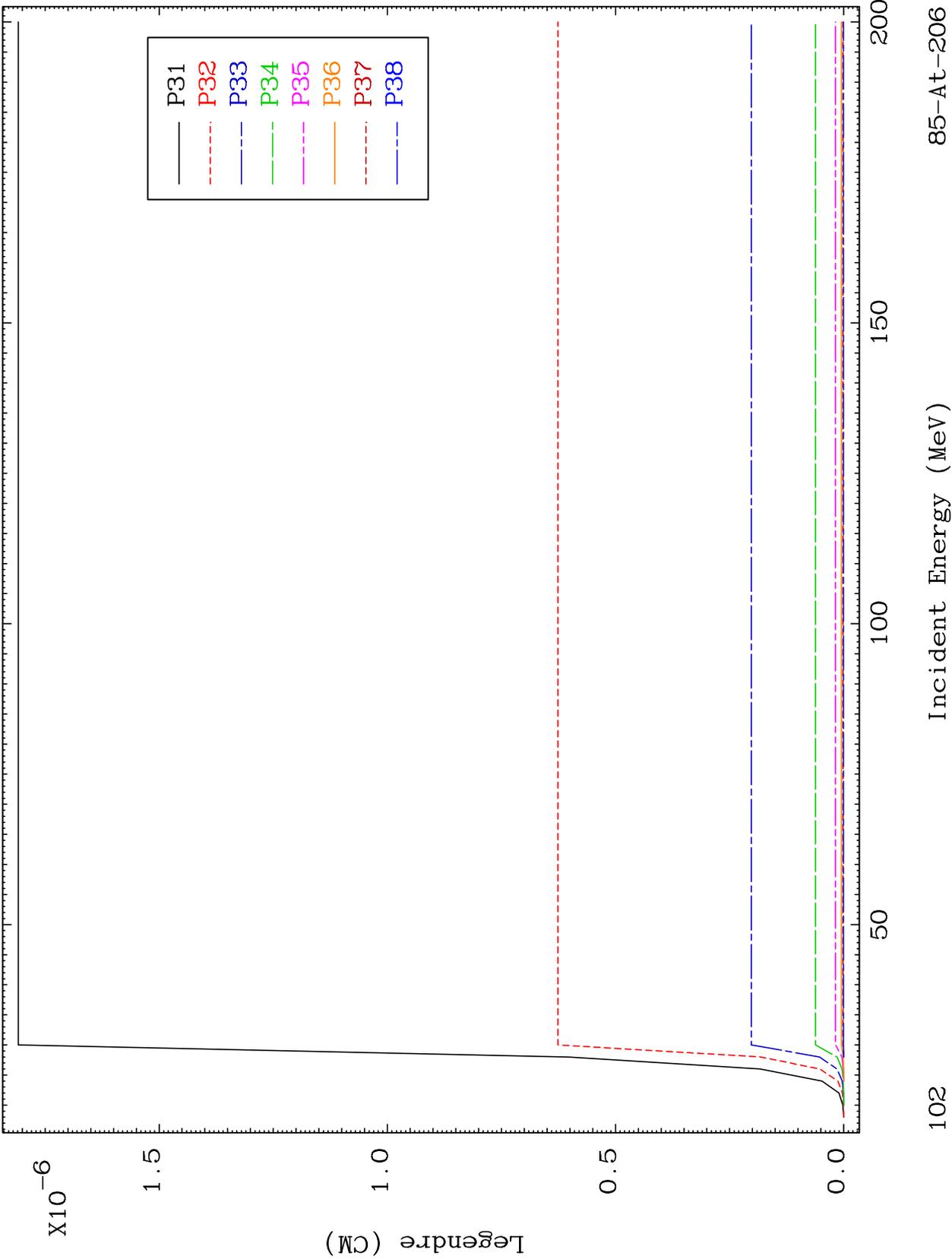
100

MAT 8534

MT= 74 (n,n') Level  
Legendre Coefficients

85-At-206



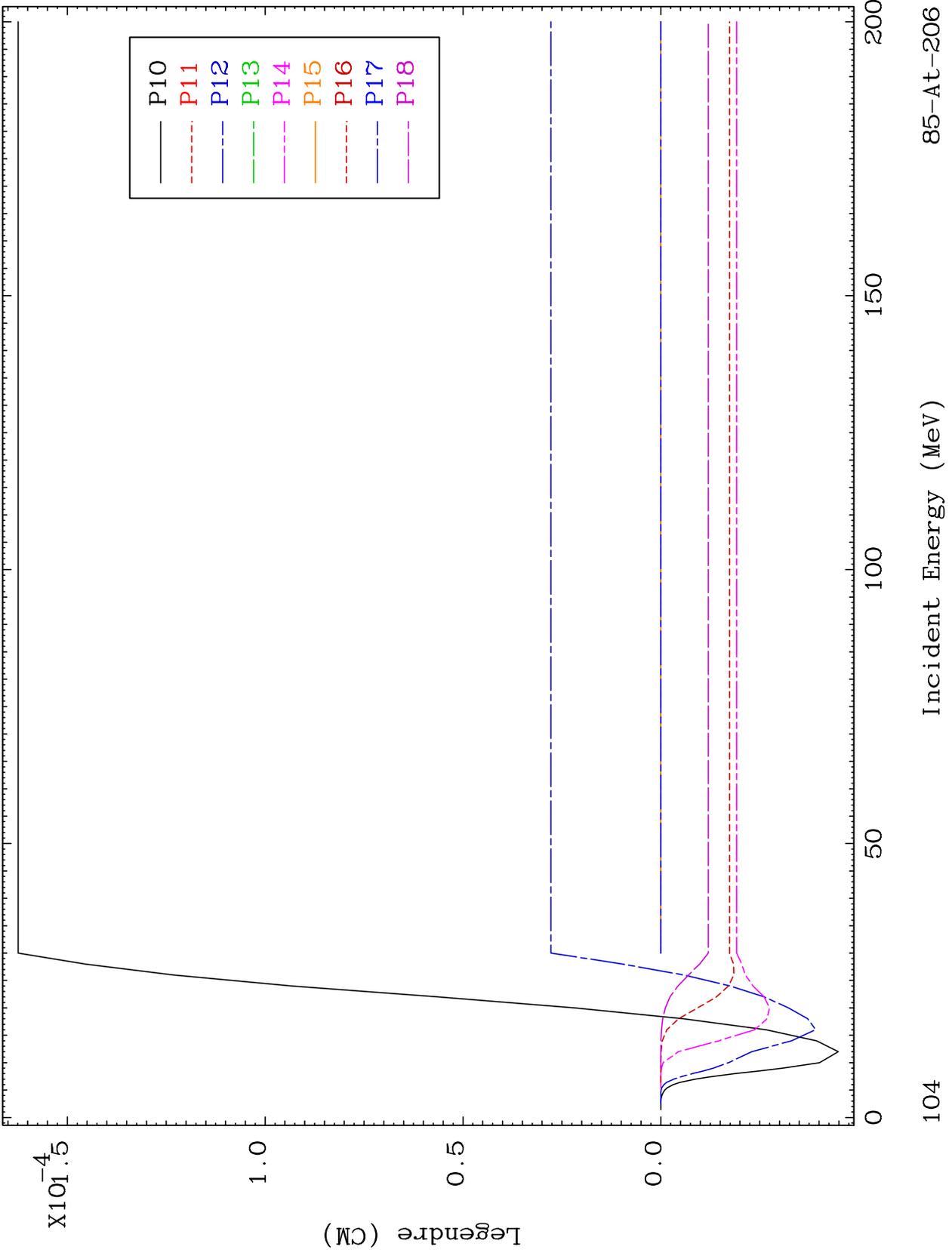




MAT 8534

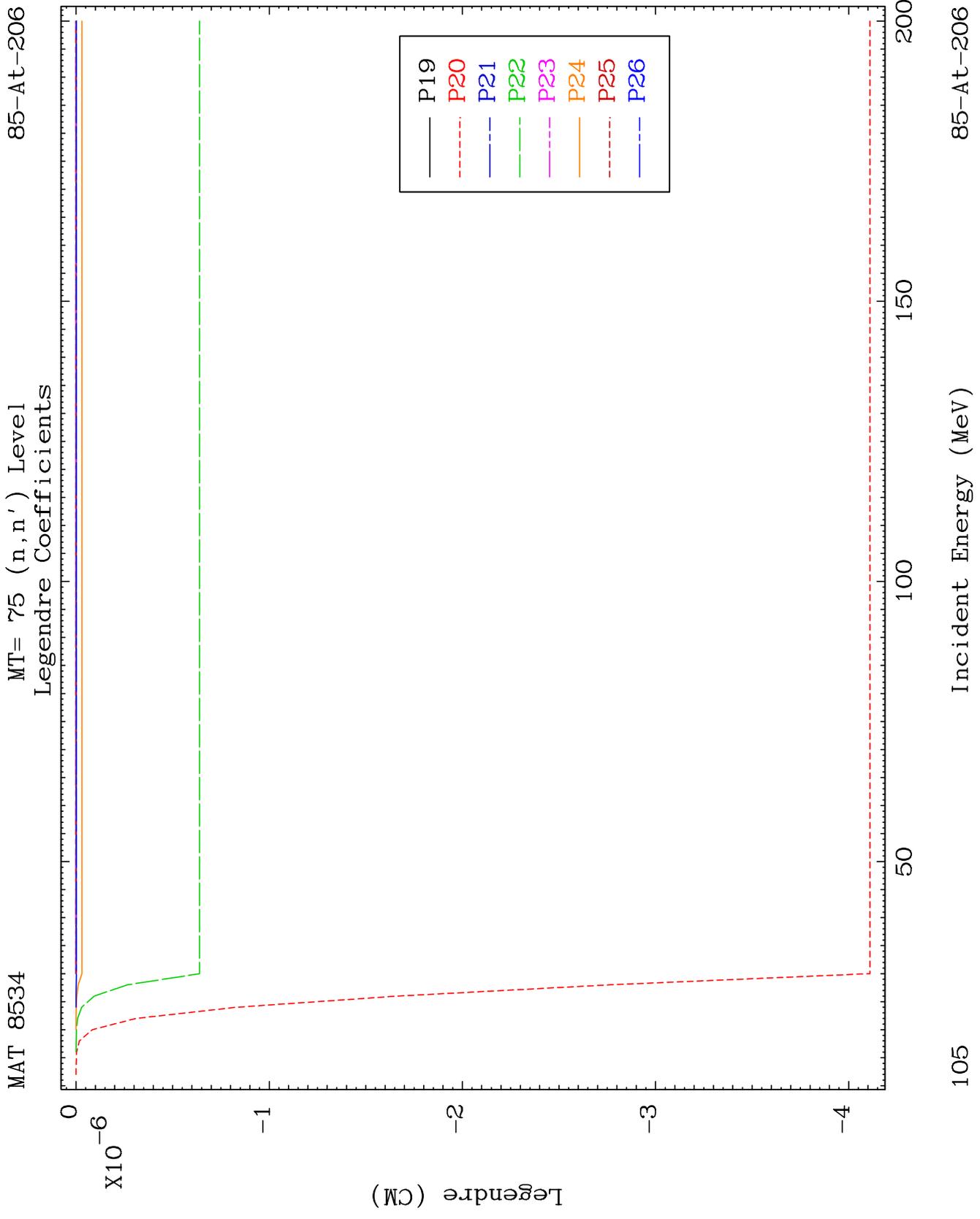
MT= 75 (n,n') Level  
Legendre Coefficients

85-At-206



104

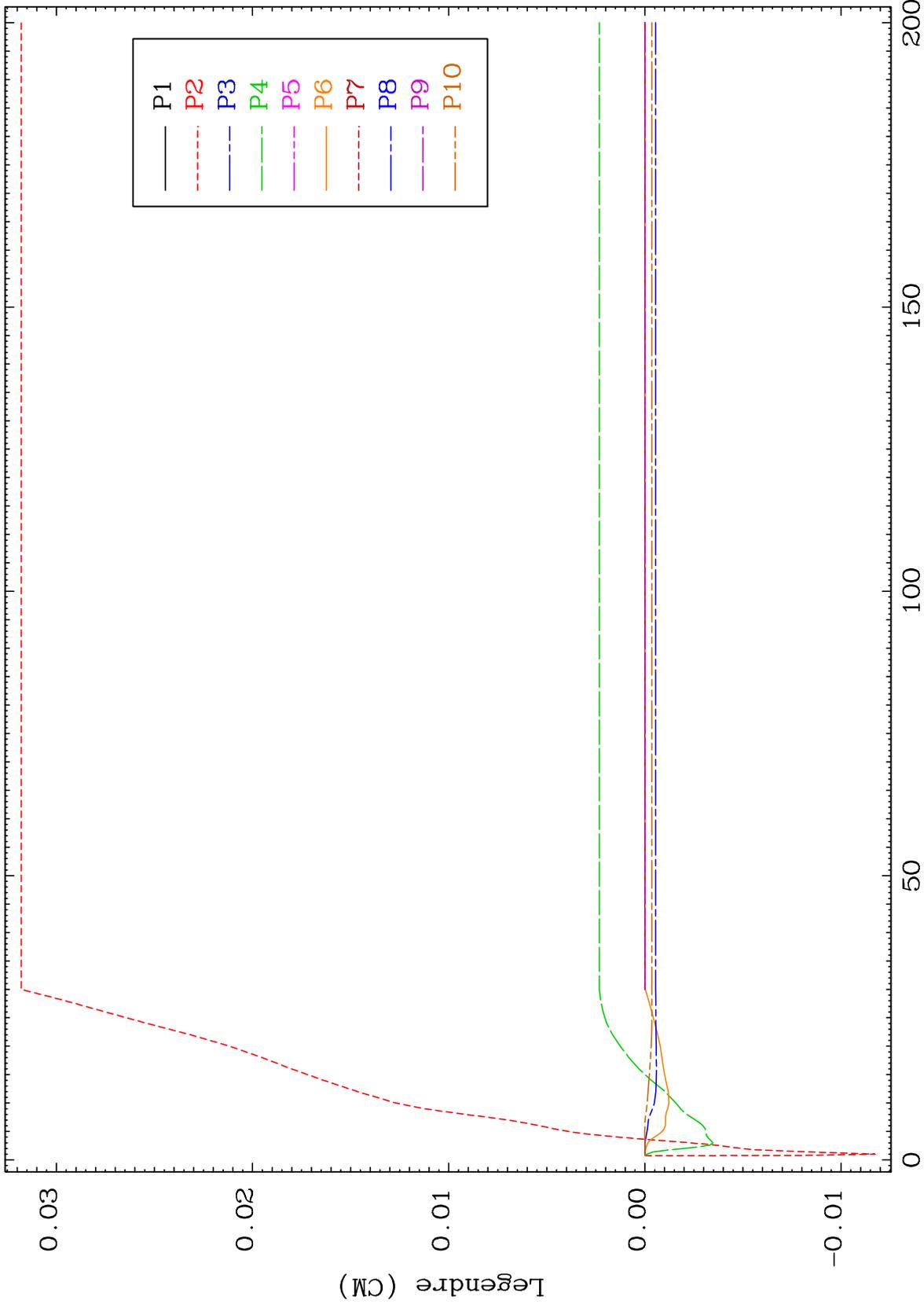
85-At-206



MAT 8534

MT= 76 (n,n') Level  
Legendre Coefficients

85-At-206



106

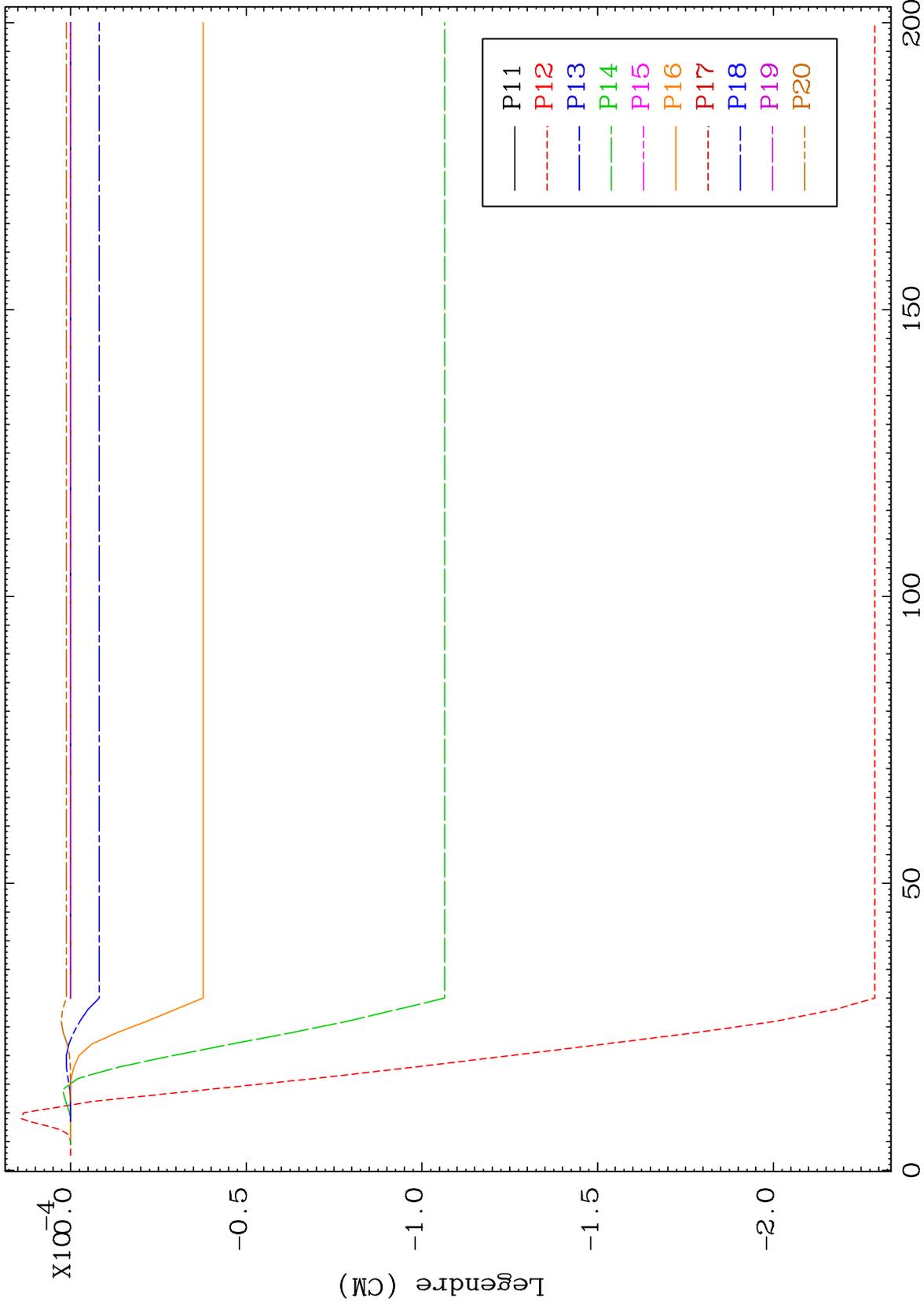
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 76 (n,n') Level  
Legendre Coefficients

85-At-206



107

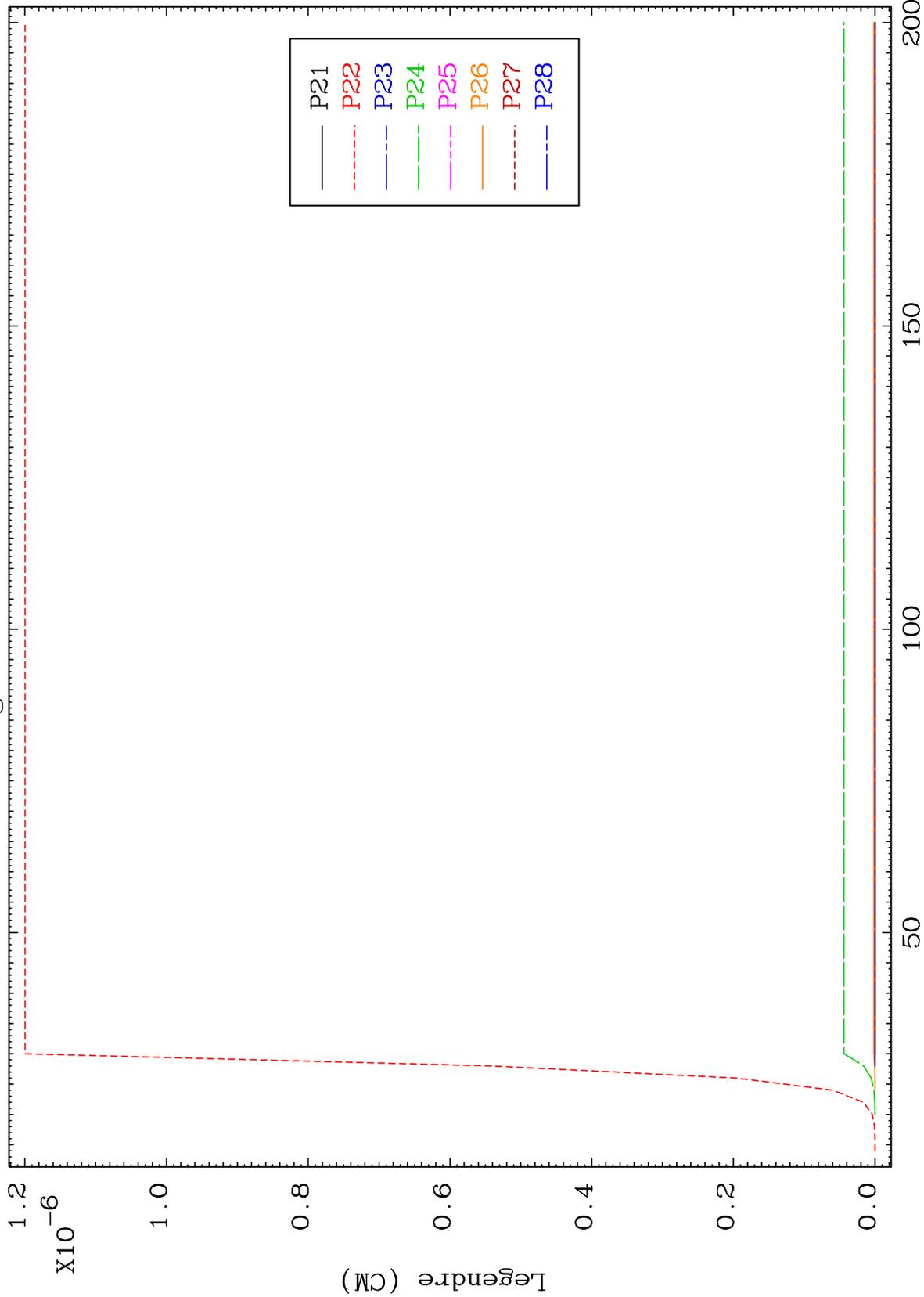
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 76 (n,n') Level  
Legendre Coefficients

85-At-206



108

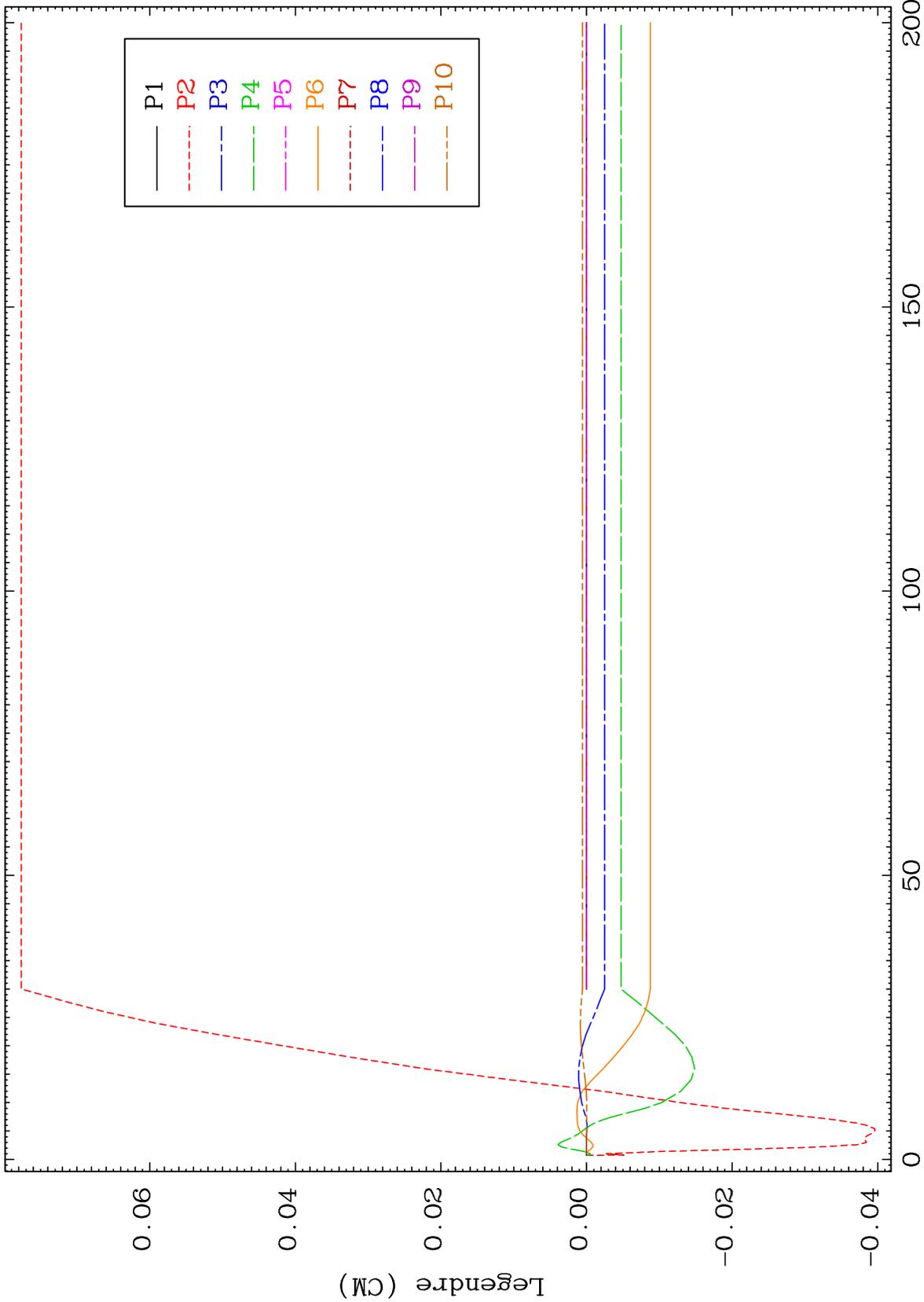
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 77 (n,n') Level  
Legendre Coefficients

85-At-206



85-At-206

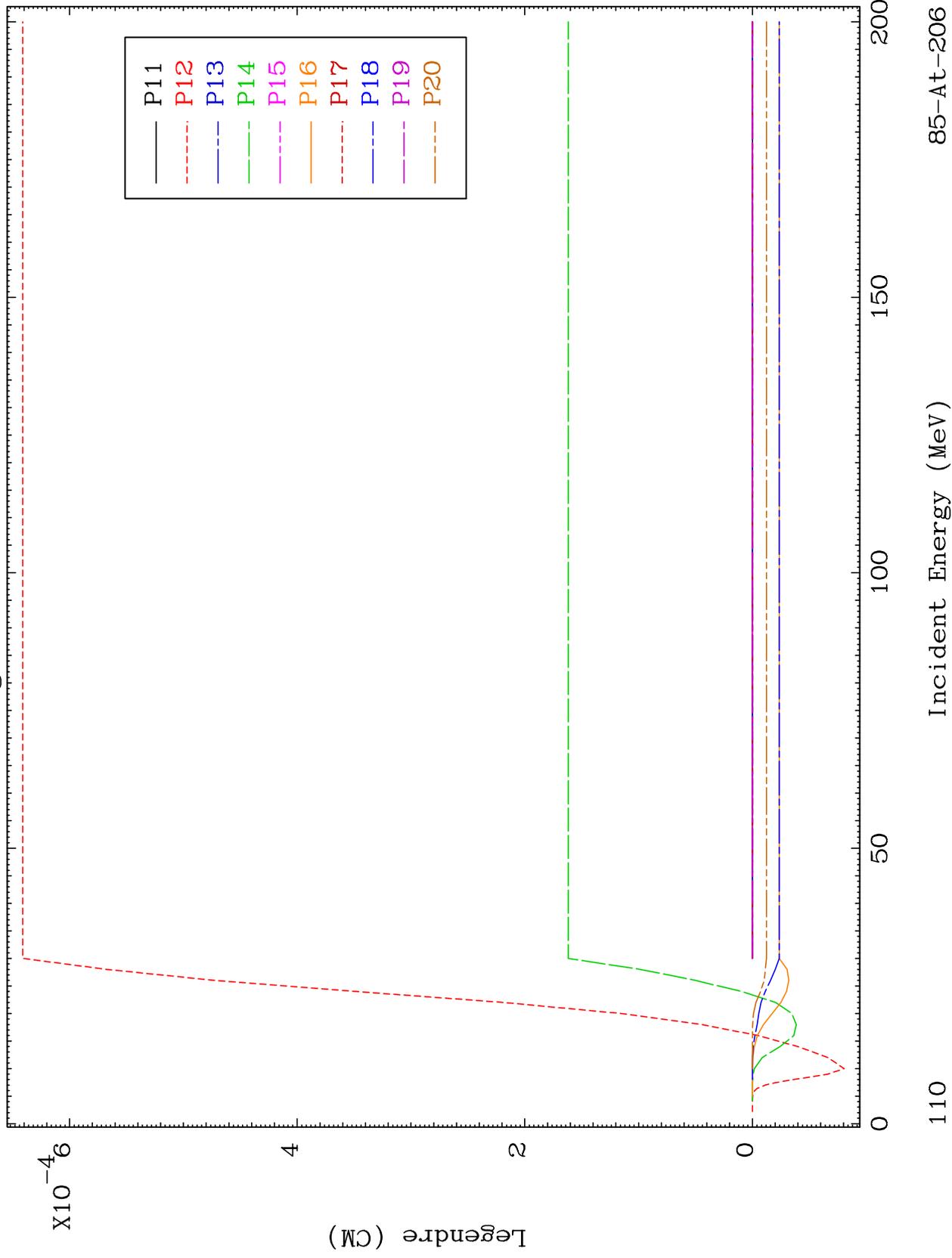
Incident Energy (MeV)

109

MAT 8534

MT= 77 (n,n') Level  
Legendre Coefficients

85-At-206



85-At-206

Incident Energy (MeV)

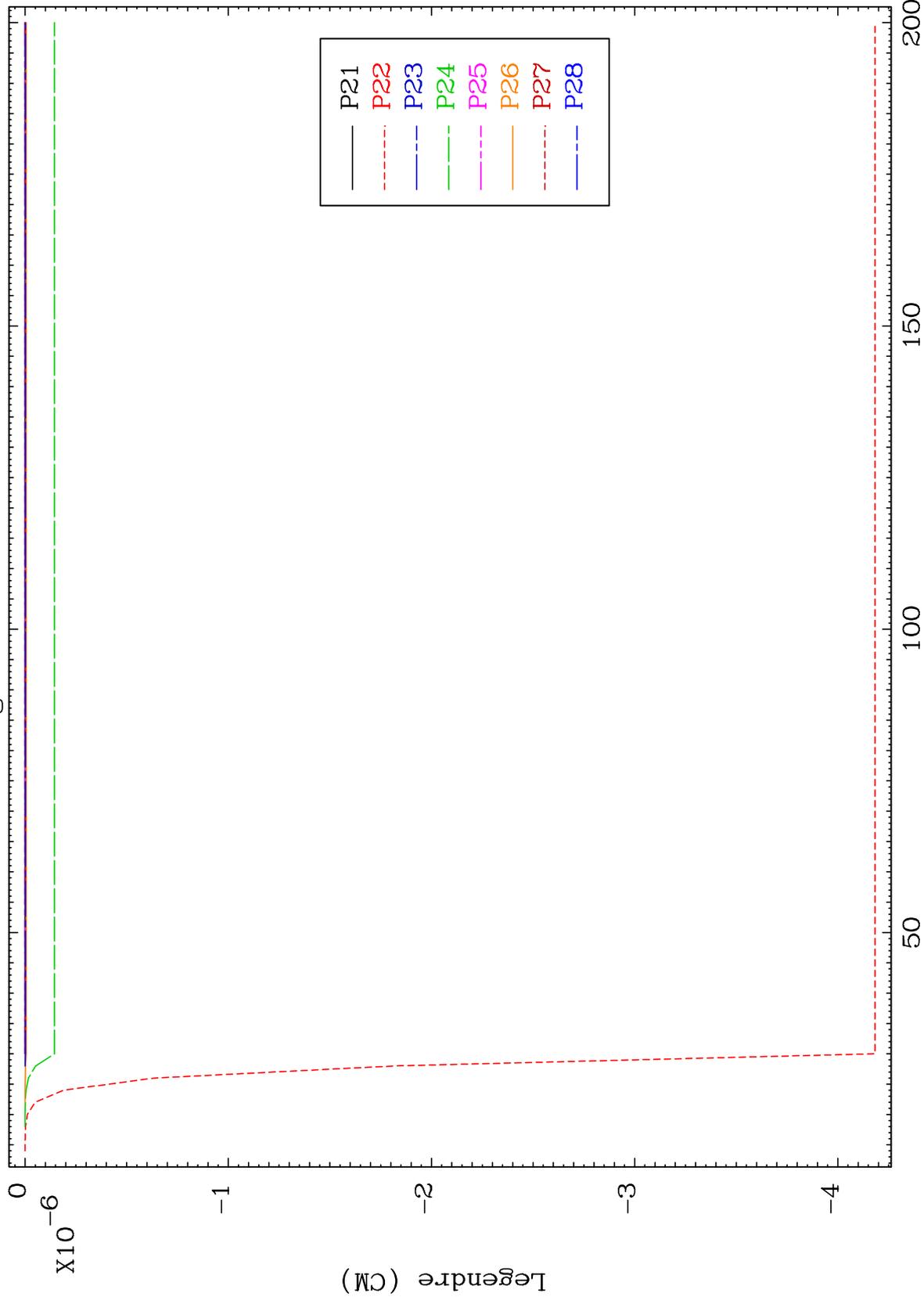
110

MAT 8534

MT= 77 (n,n') Level

85-At-206

Legendre Coefficients



85-At-206

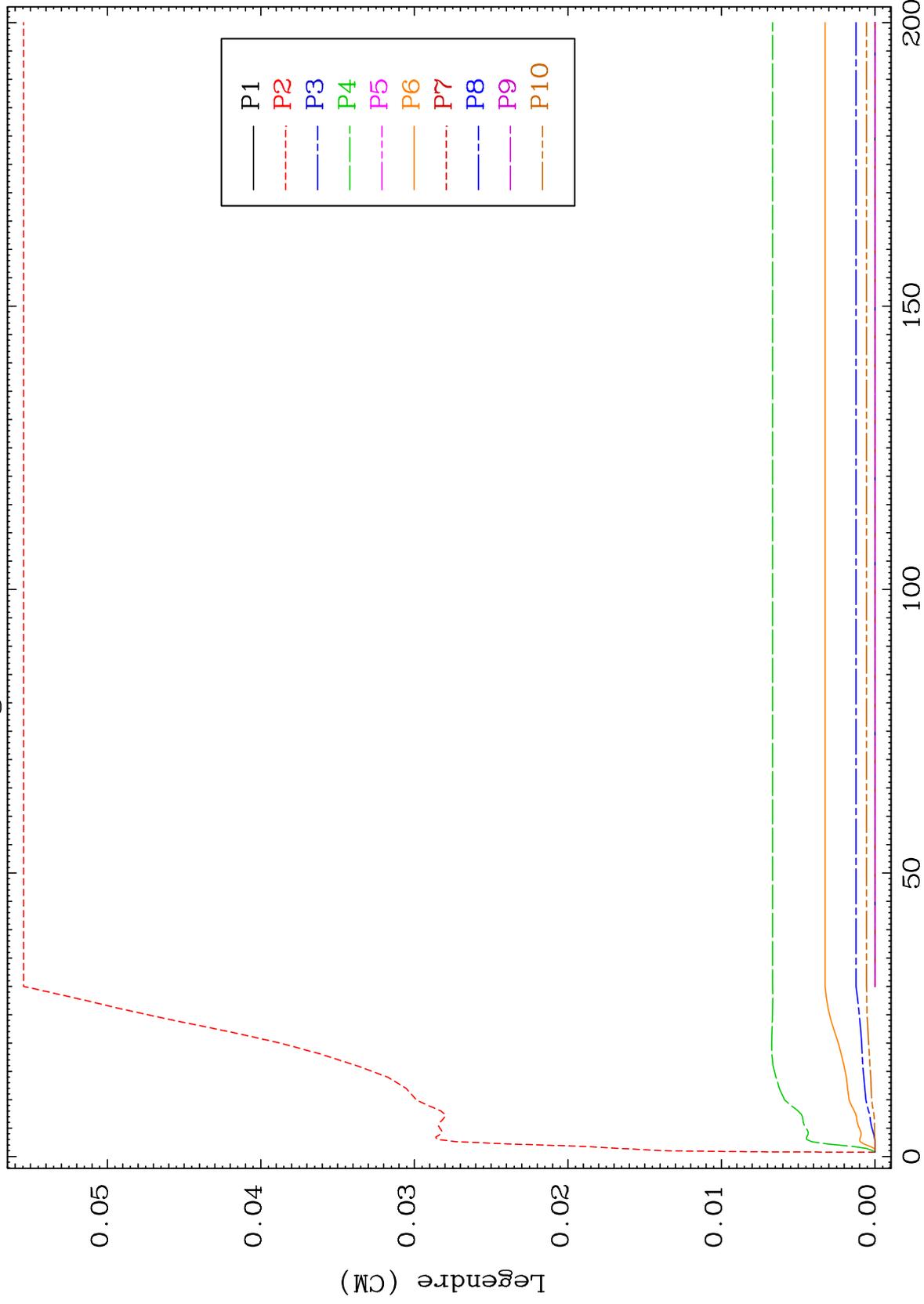
Incident Energy (MeV)

111

MAT 8534

MT= 78 (n,n') Level  
Legendre Coefficients

85-At-206



112

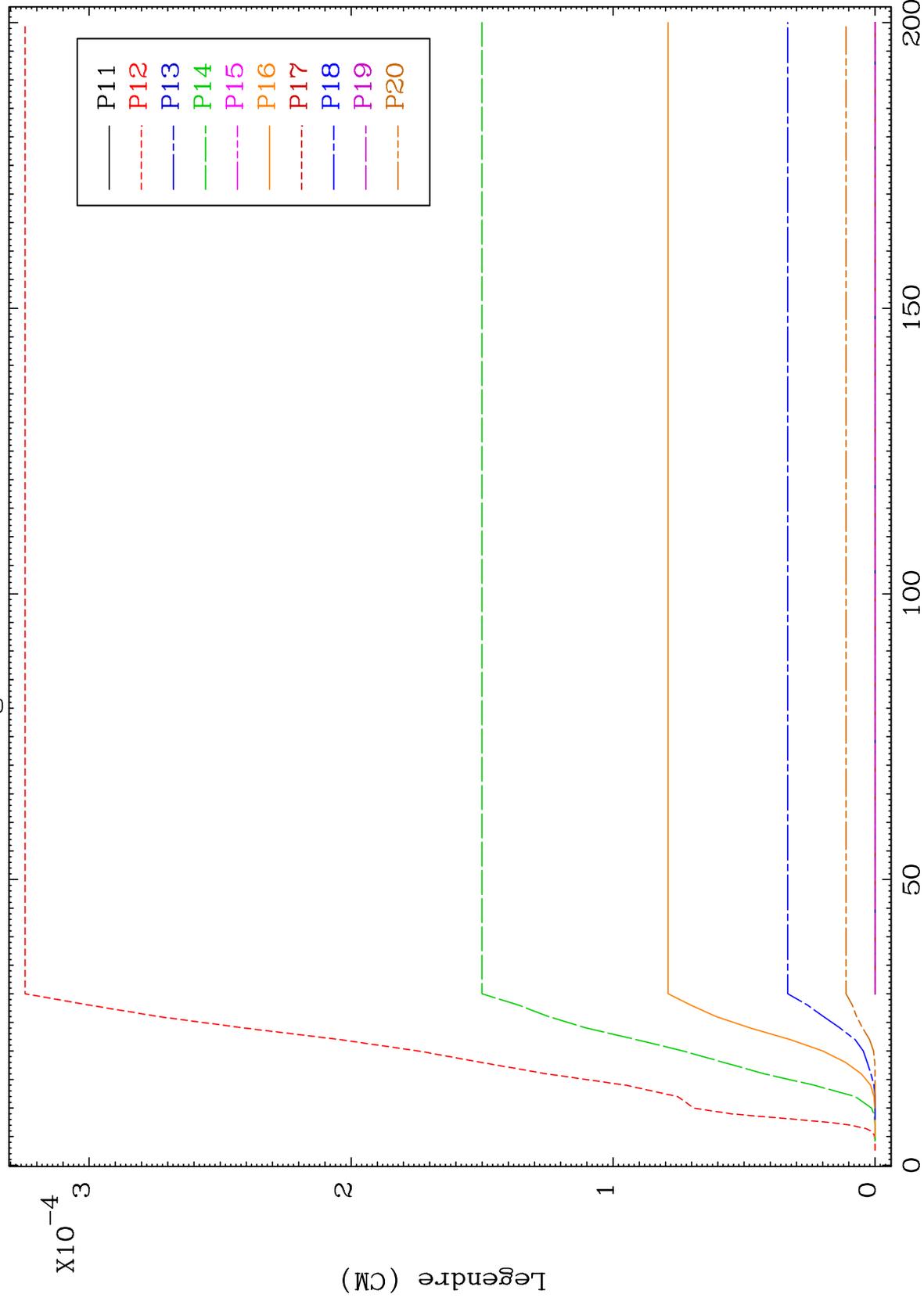
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 78 (n,n') Level  
Legendre Coefficients

85-At-206



113

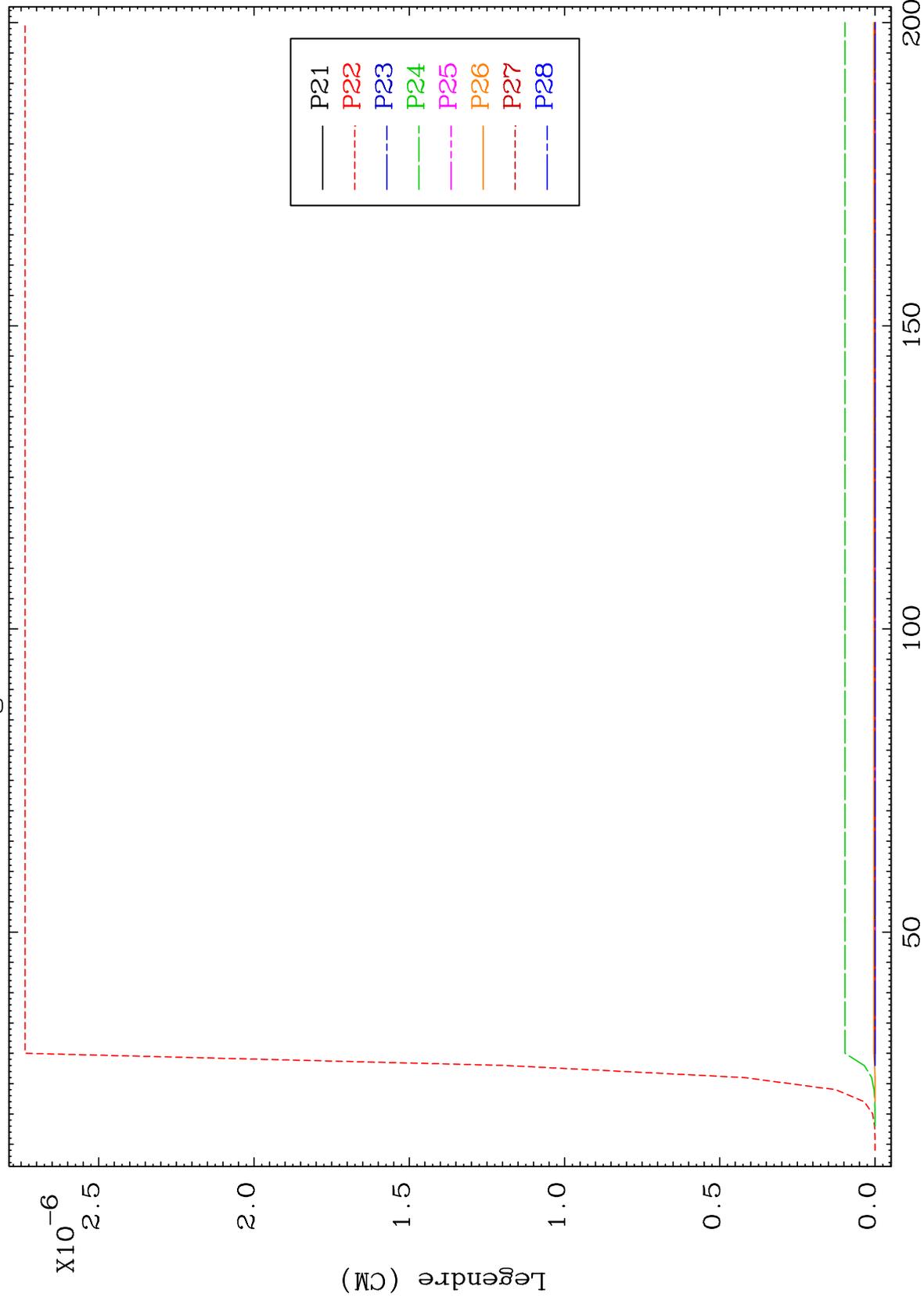
Incident Energy (MeV)

85-At-206

MAT 8534

MT= 78 (n,n') Level  
Legendre Coefficients

85-At-206



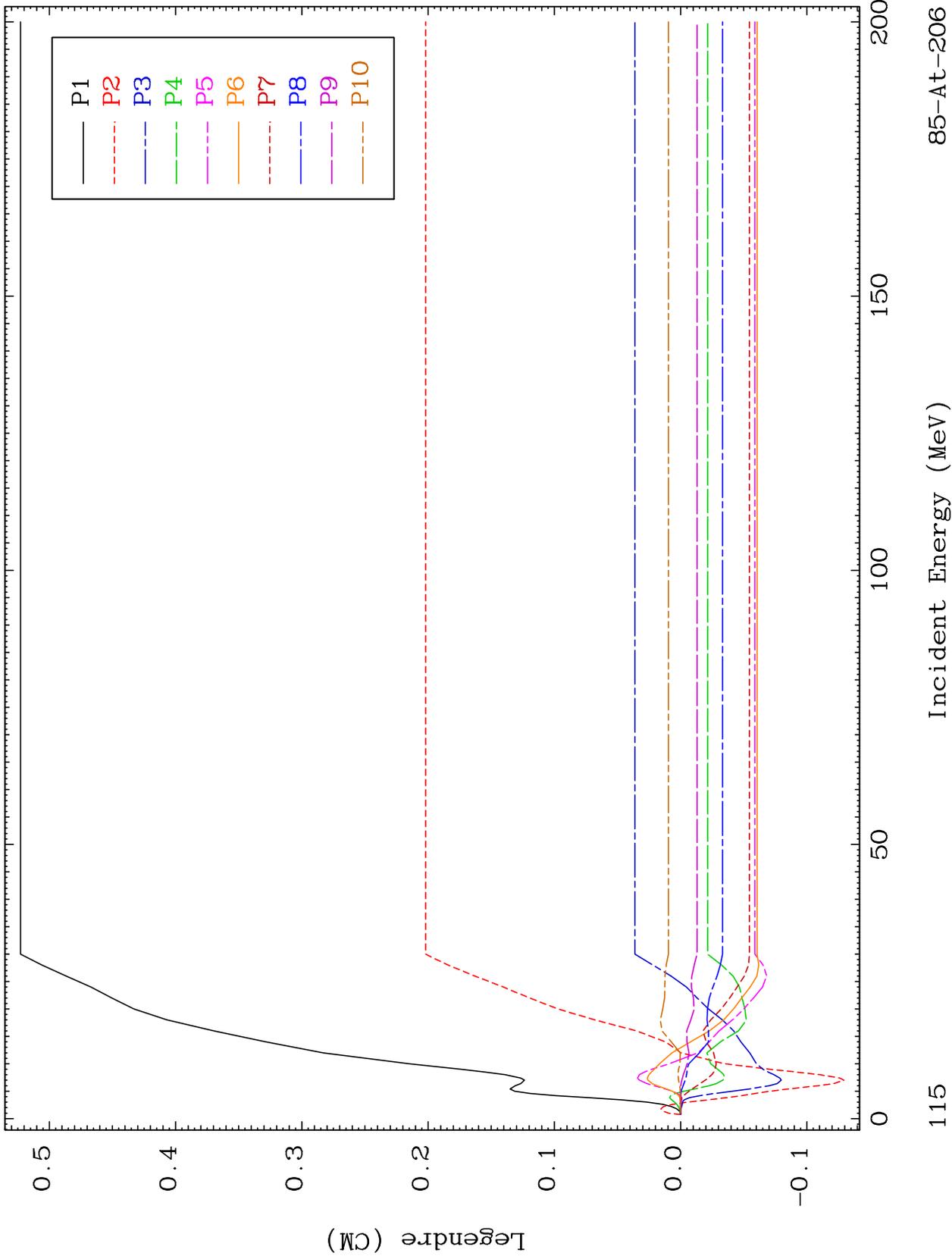
114

85-At-206

MAT 8534

MT= 79 (n,n') Level  
Legendre Coefficients

85-At-206



85-At-206

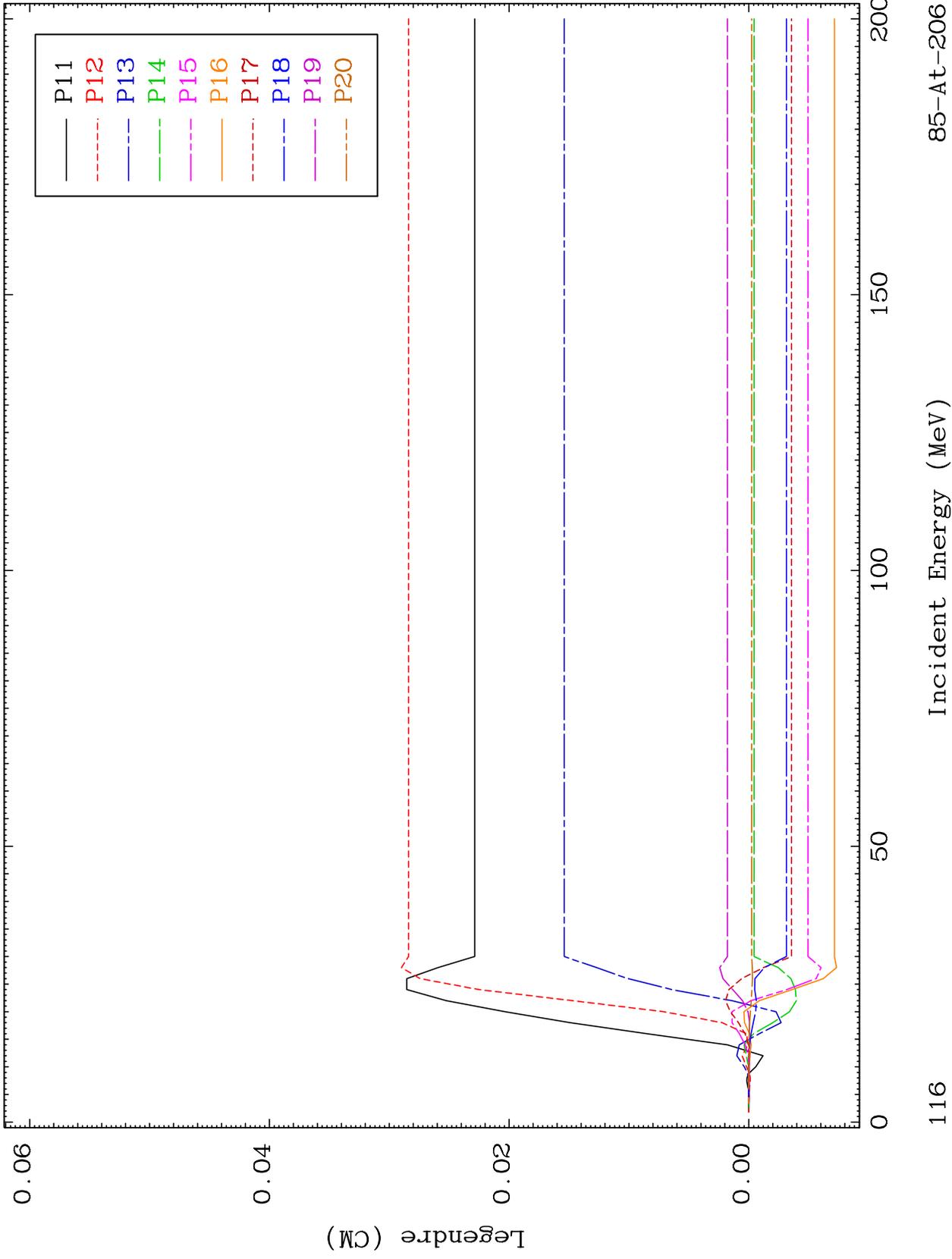
Incident Energy (MeV)

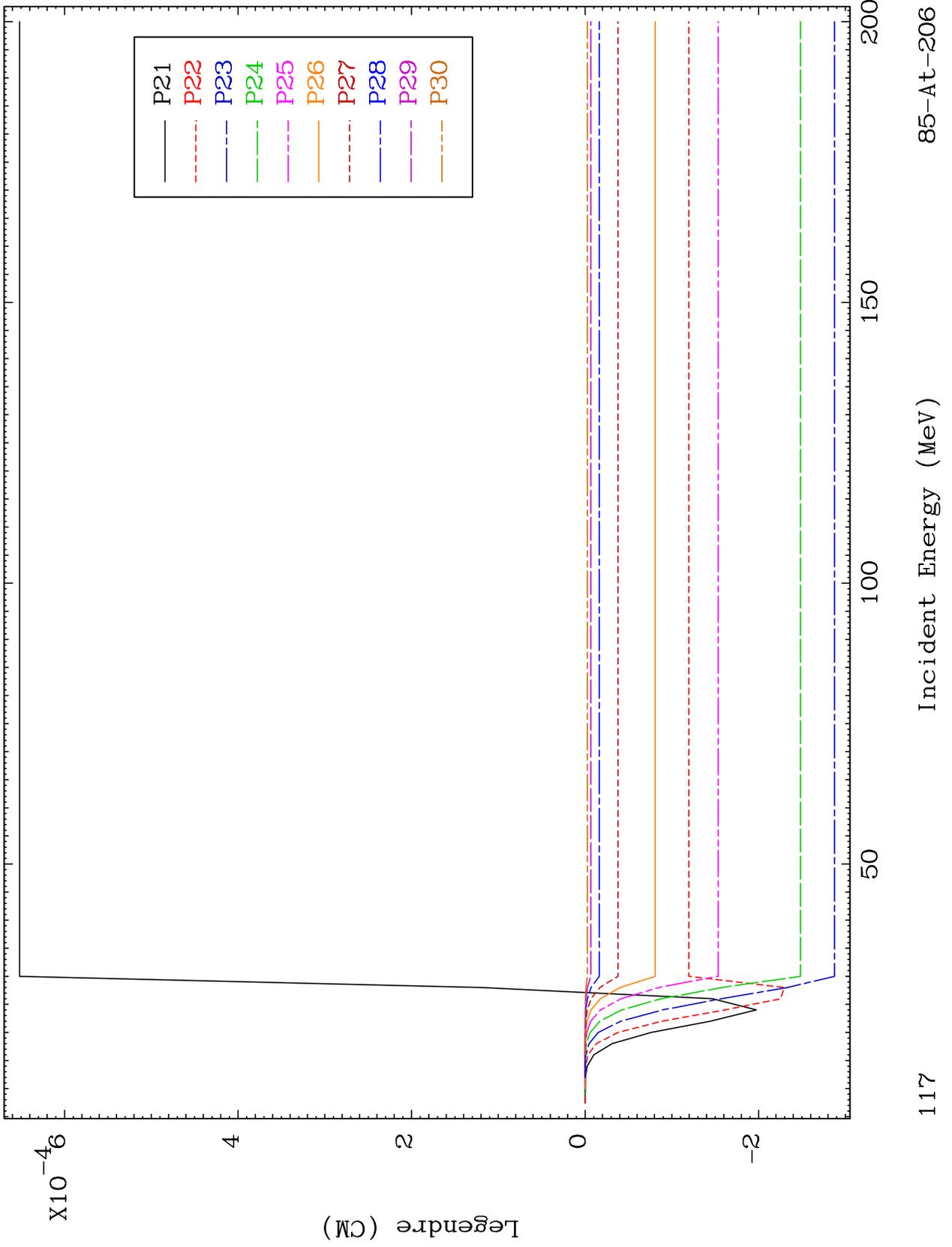
115

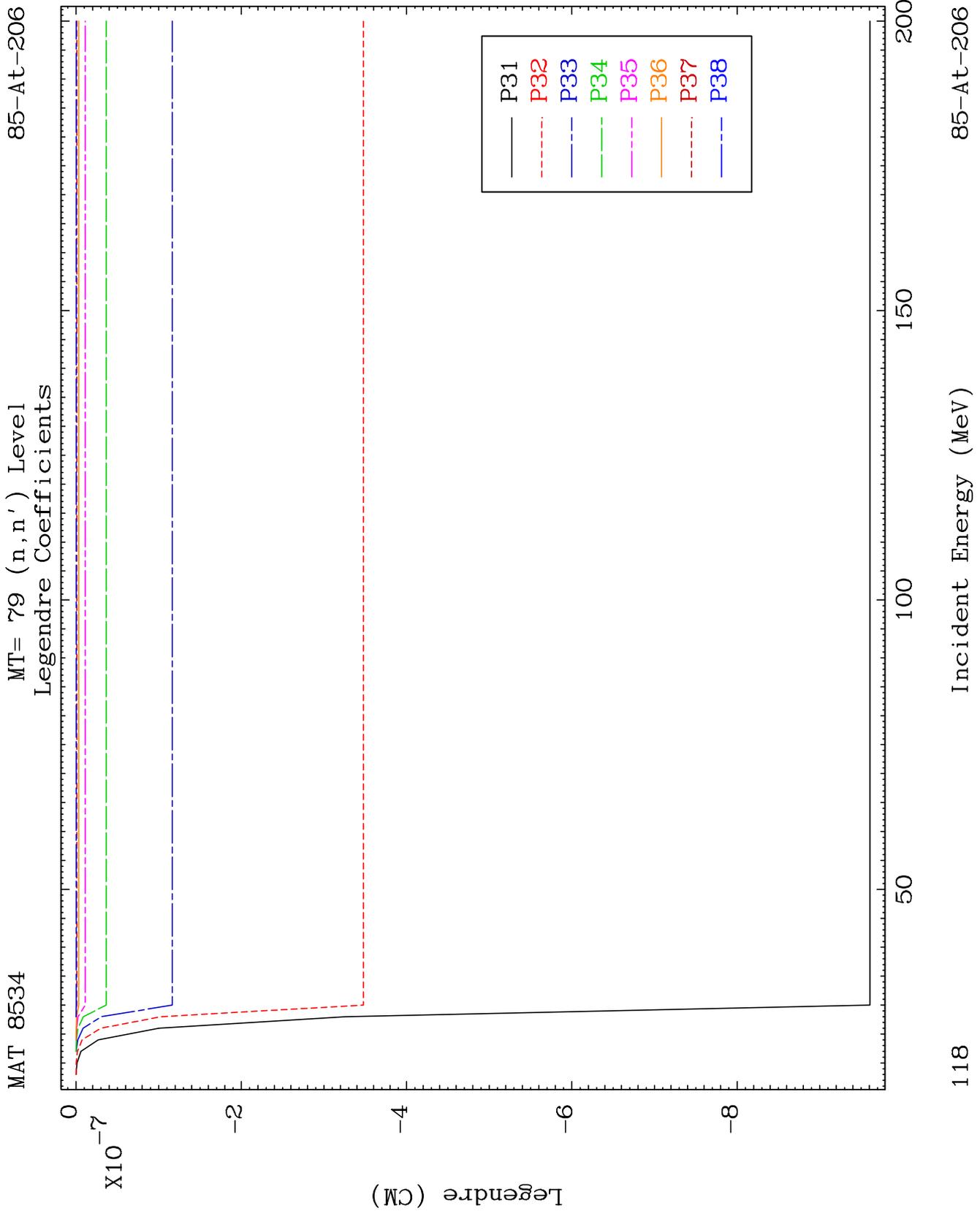
MAT 8534

MT= 79 (n,n') Level  
Legendre Coefficients

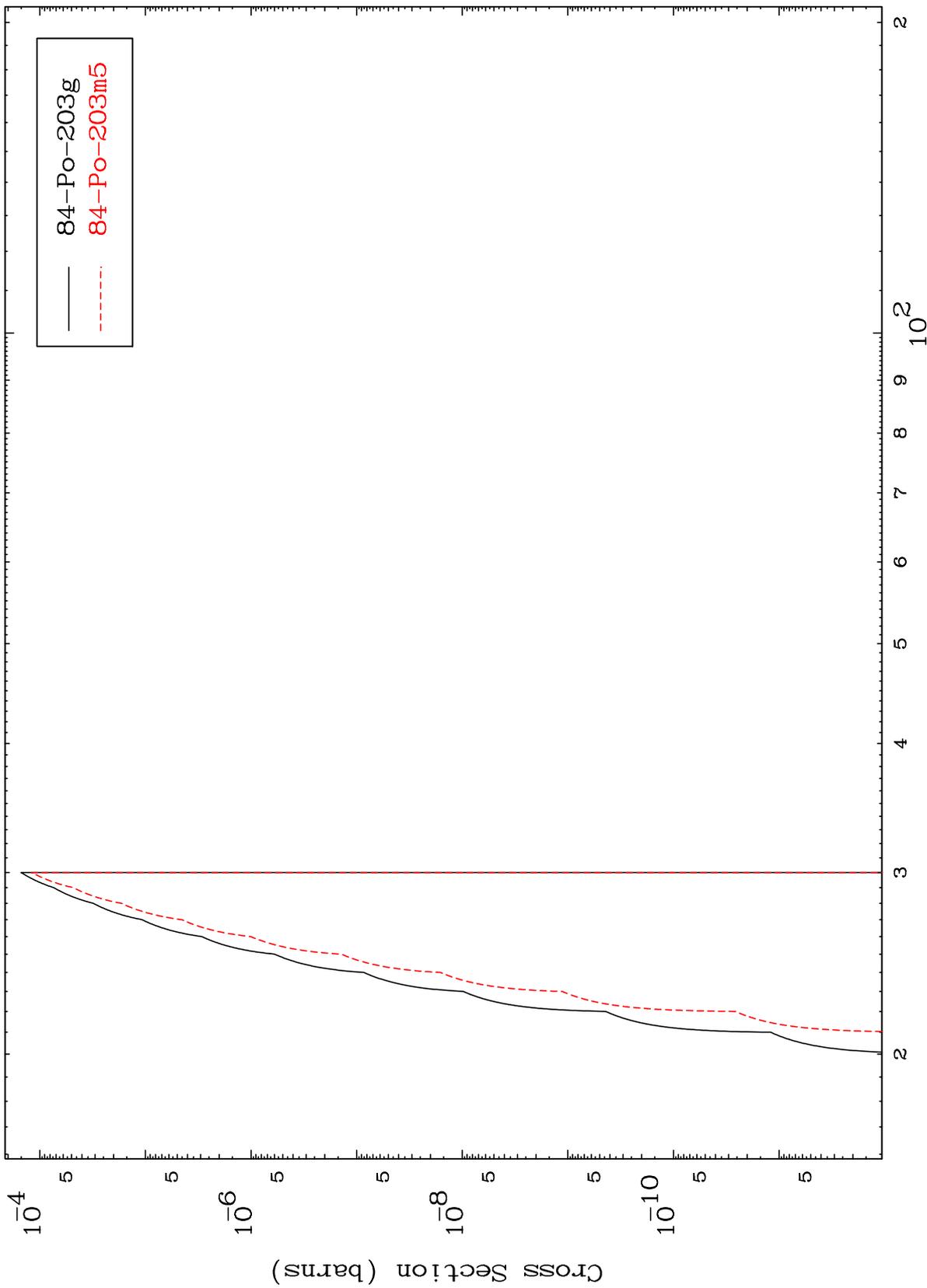
85-At-206







Radionuclide Production Cross Section

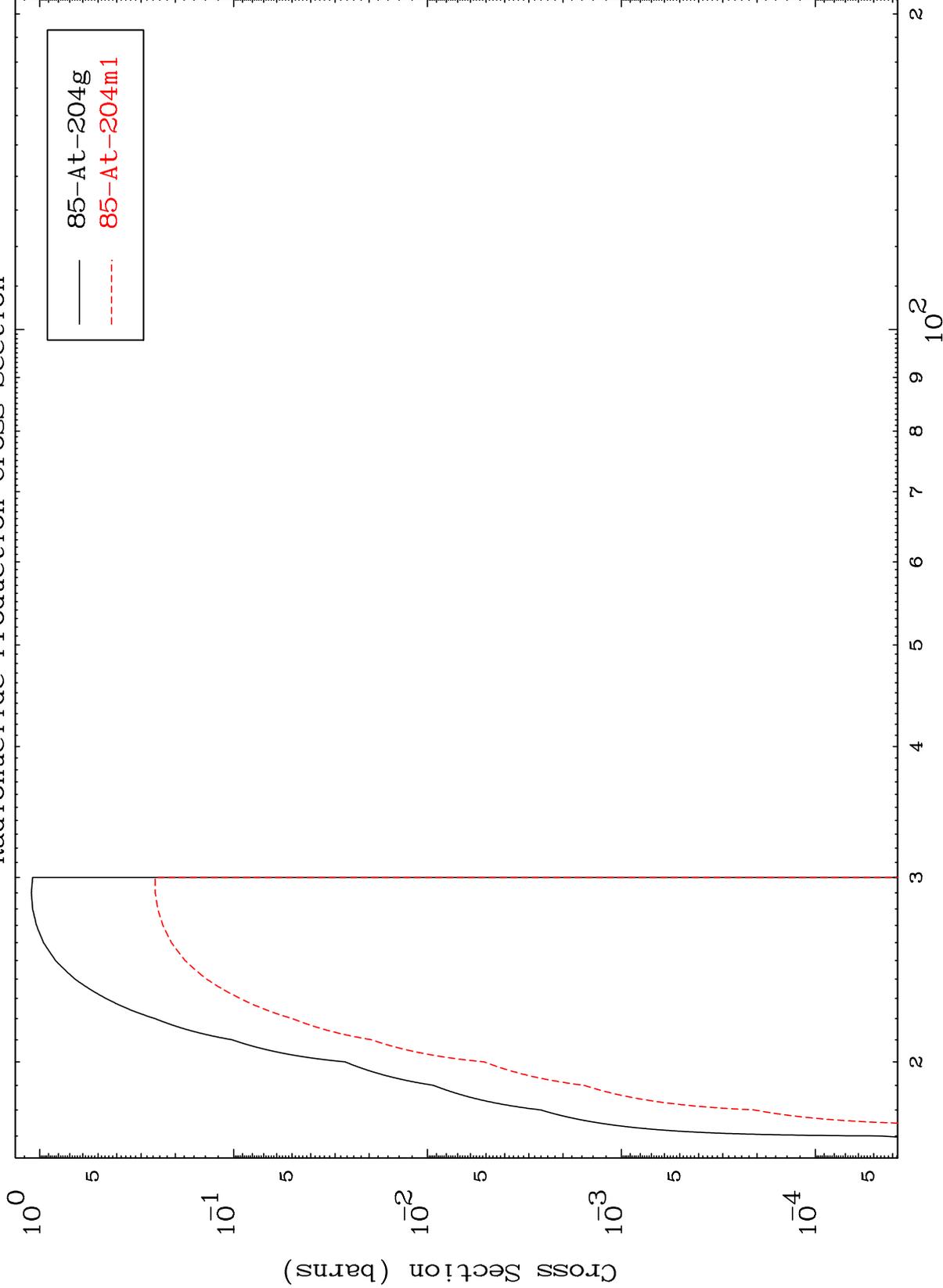


MAT 8534

(n,3n)

85-At-206

Radionuclide Production Cross Section



85-At-204g  
85-At-204m1

120

Incident Energy (MeV)

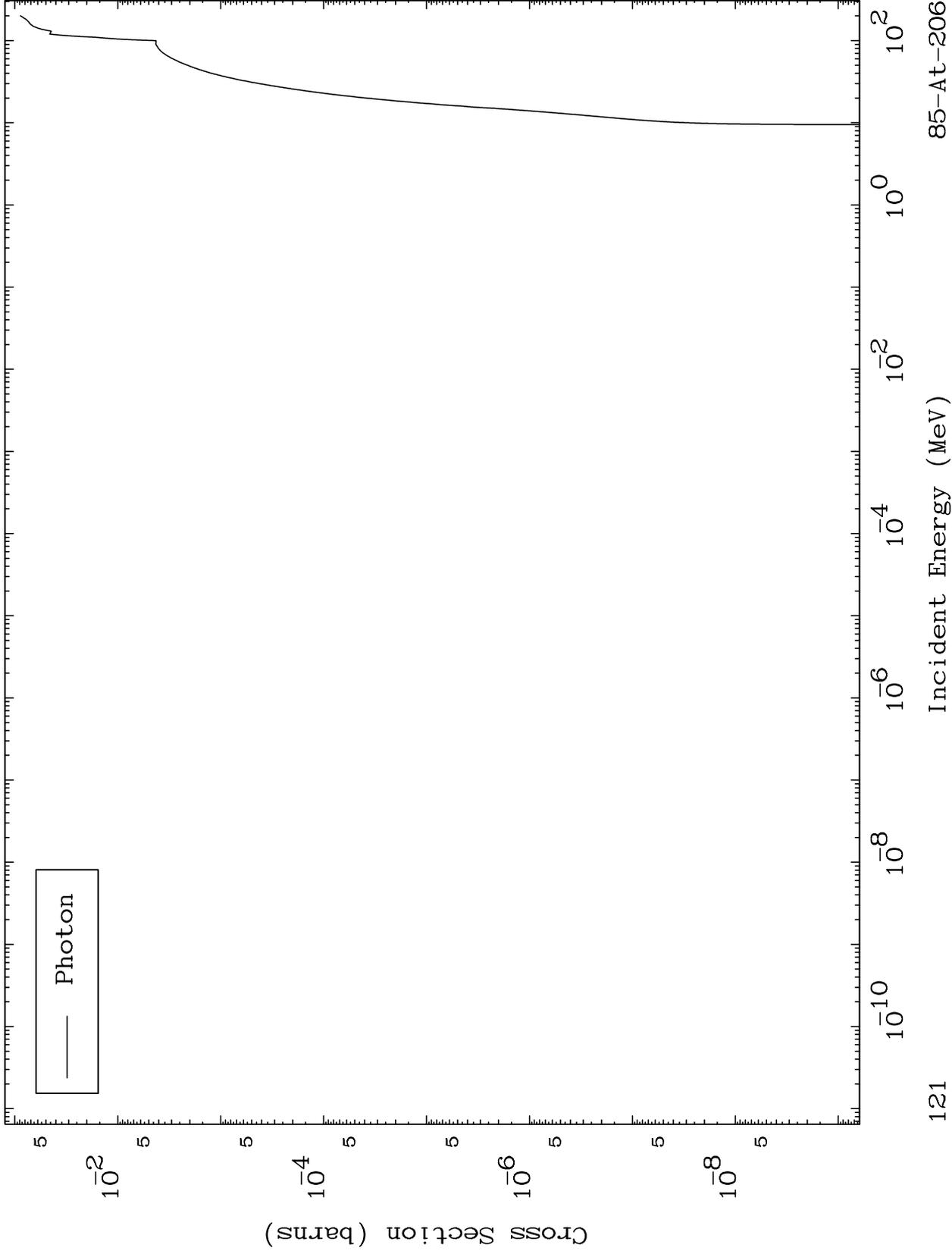
85-At-206

MAT 8534

Fission

85-At-206

Radionuclide Production Cross Section



121

Incident Energy (MeV)

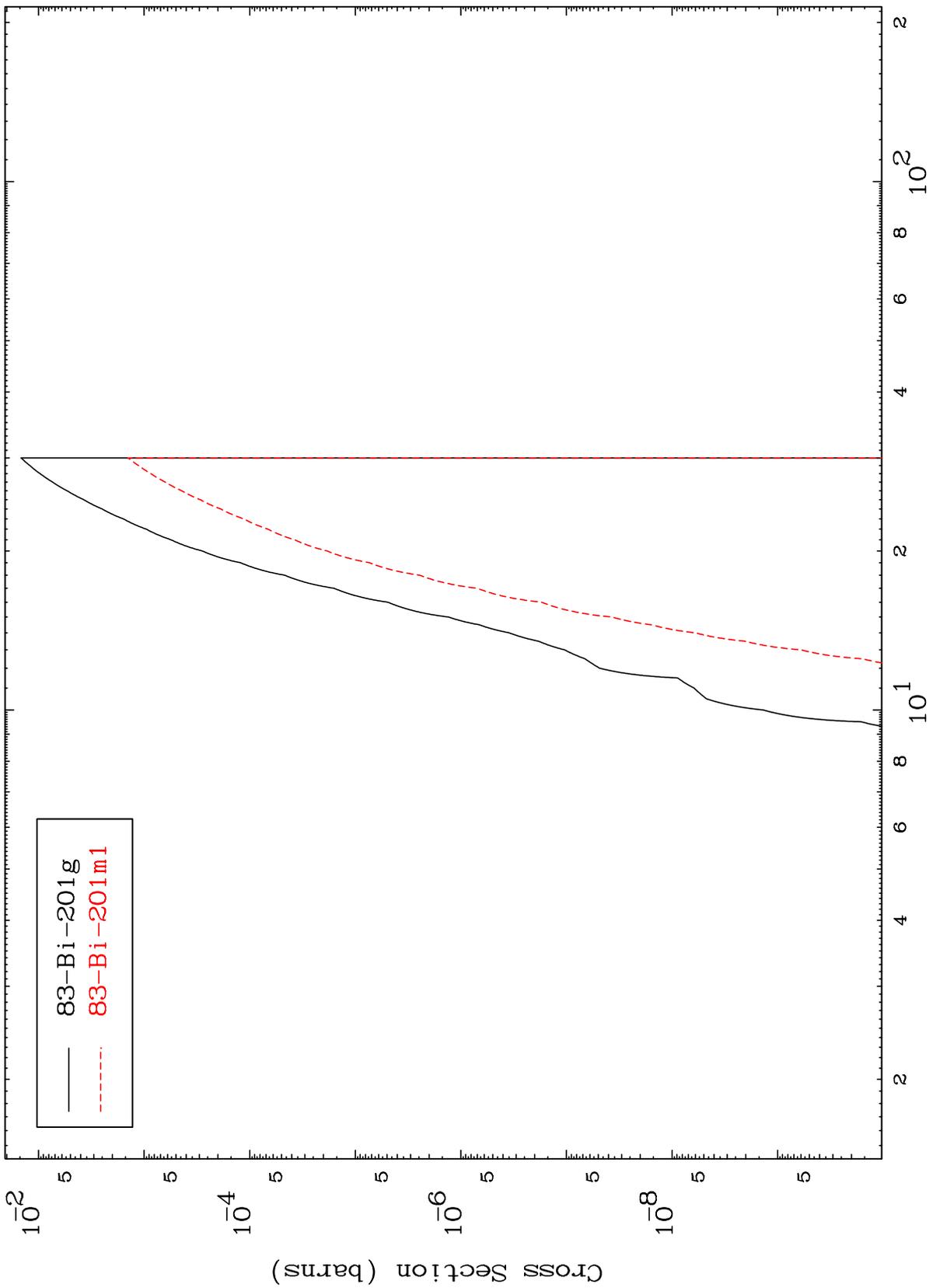
85-At-206

MAT 8534

(n,2n)  $\alpha$

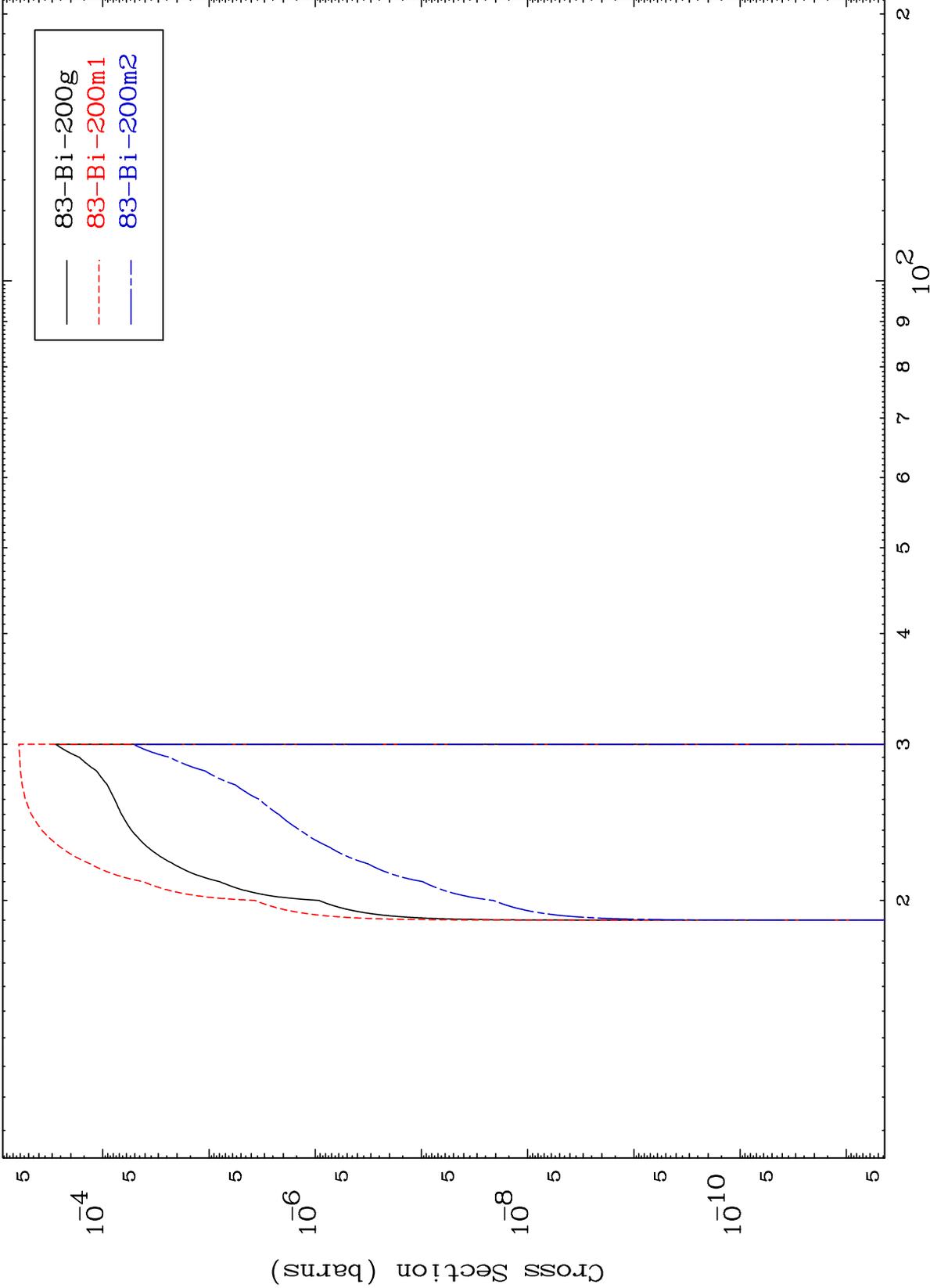
85-At-206

Radionuclide Production Cross Section



— 83-Bi-201g  
- - - 83-Bi-201m1

Radionuclide Production Cross Section

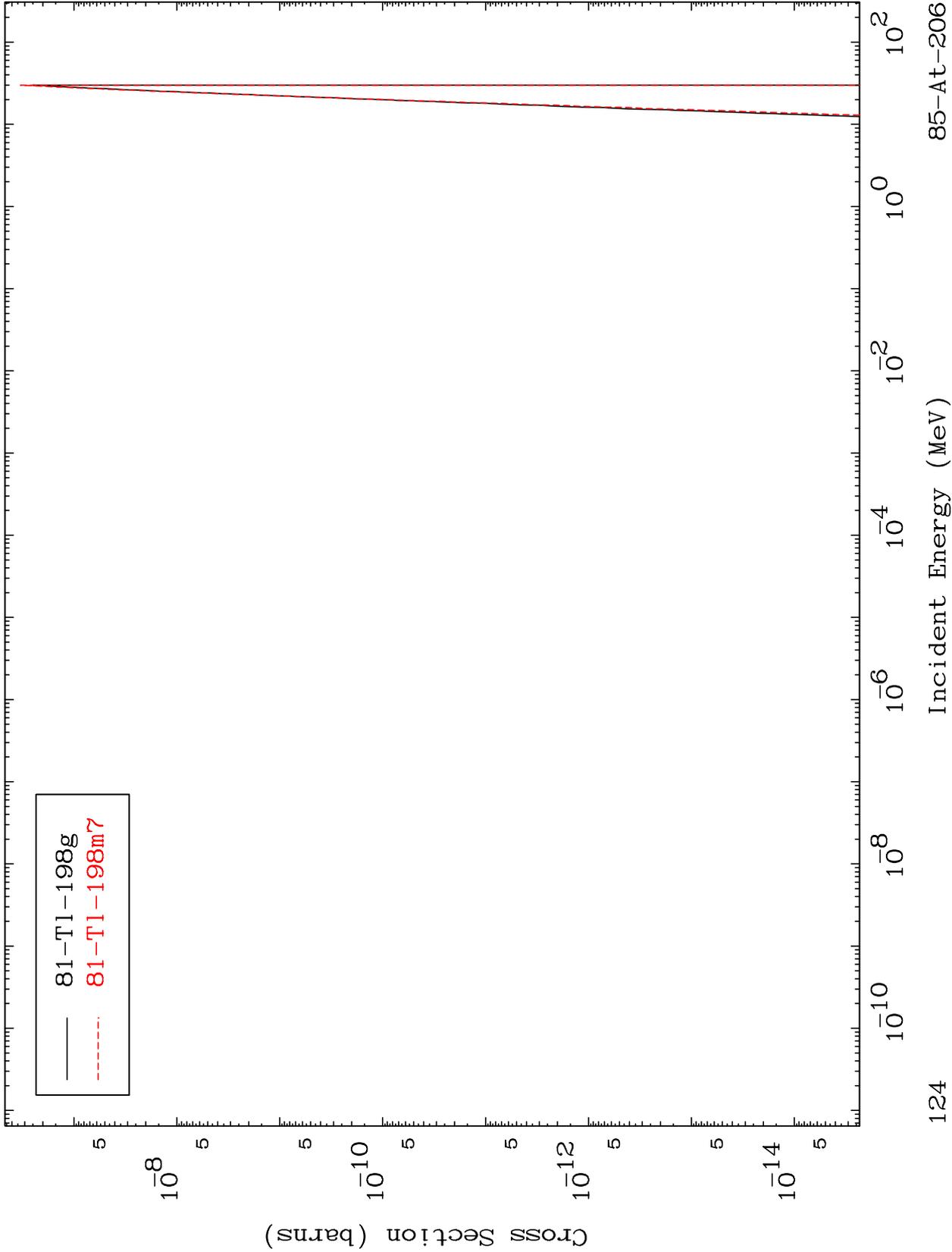


MAT 8534

(n,n') 2 $\alpha$

85-At-206

Radionuclide Production Cross Section



124

Incident Energy (MeV)

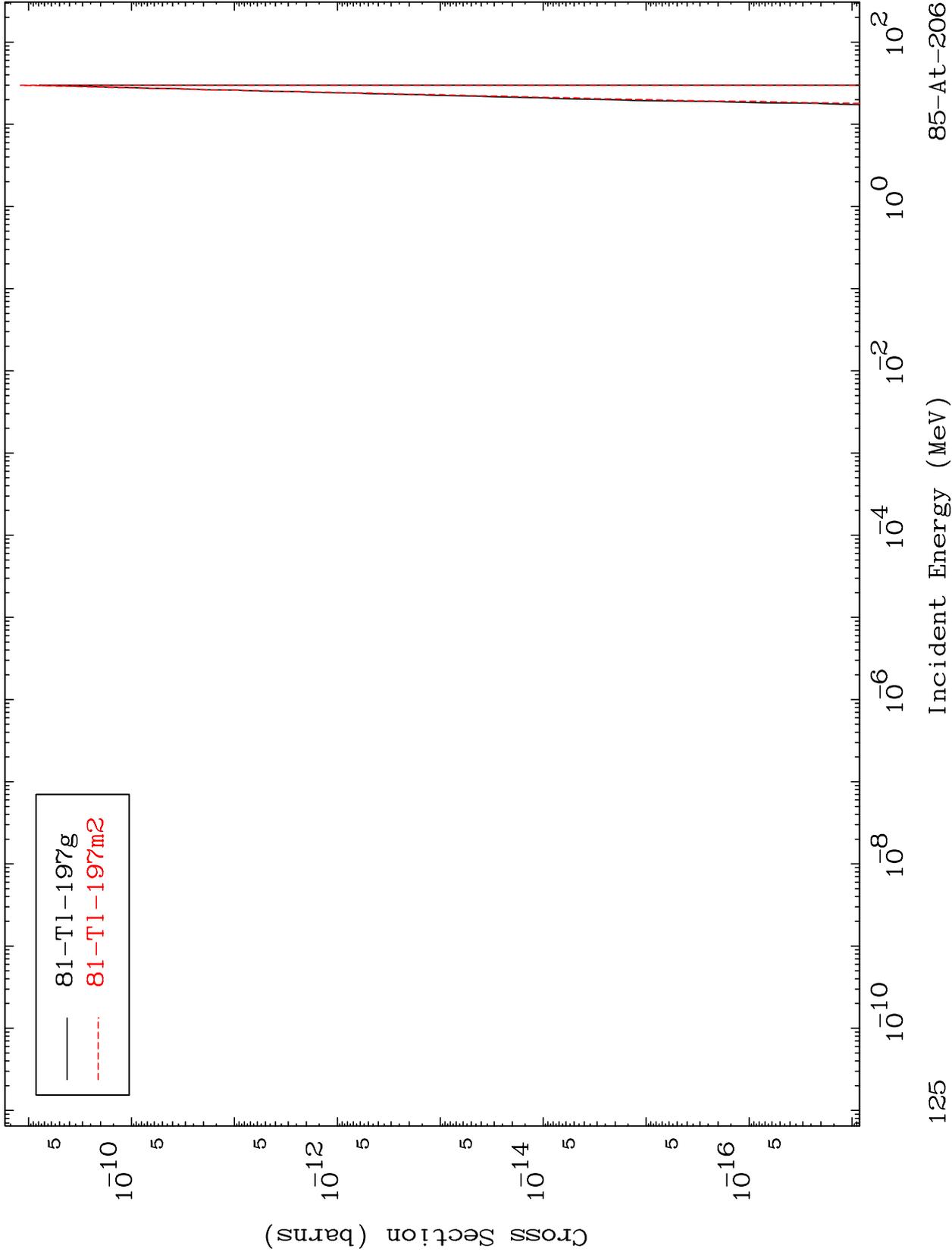
85-At-206

MAT 8534

(n,2n) 2α

85-At-206

Radionuclide Production Cross Section



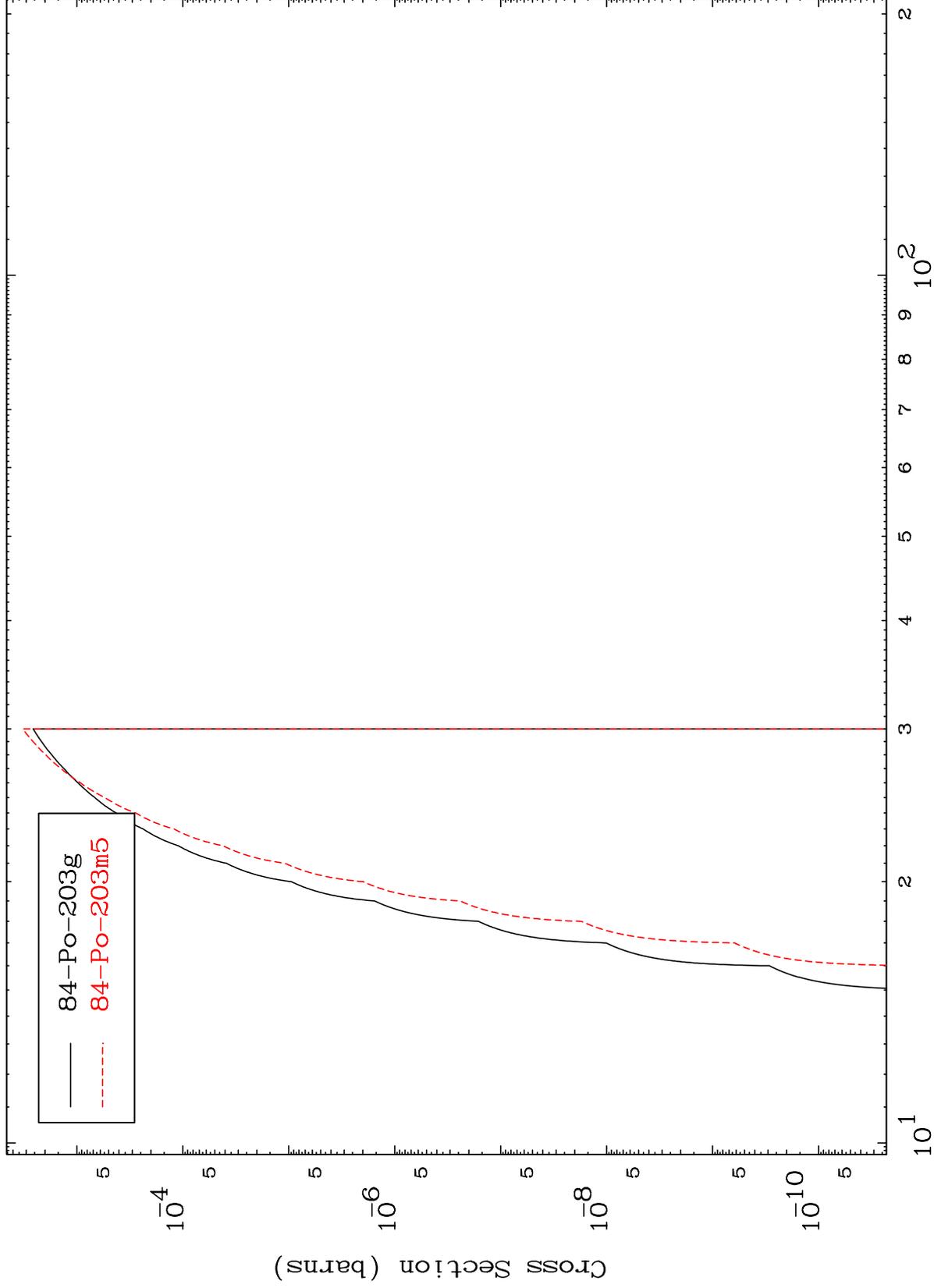
81-Tl-197g  
81-Tl-197m2

MAT 8534

(n,n') t

85-At-206

Radionuclide Production Cross Section



126

Incident Energy (MeV)

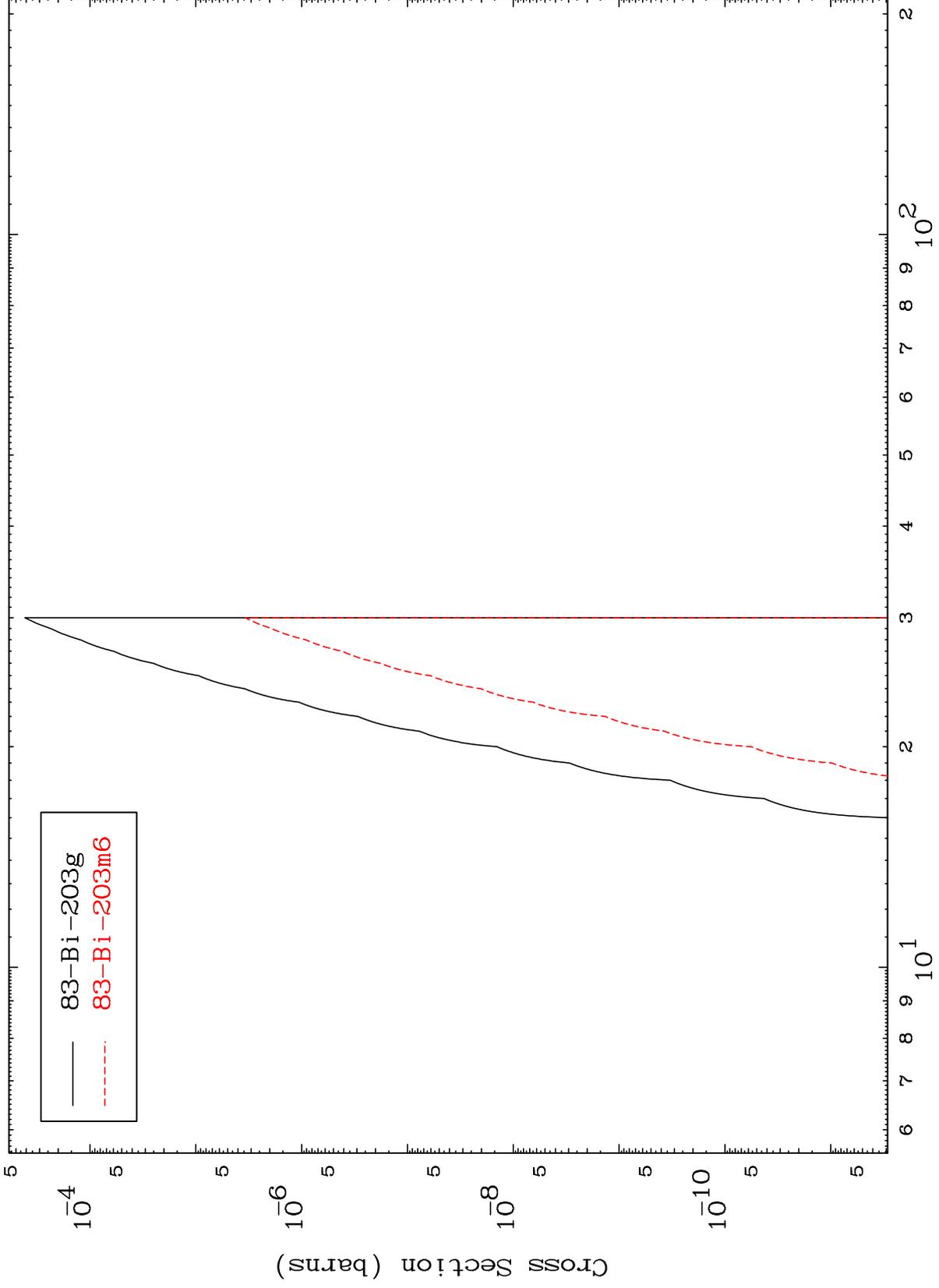
85-At-206

MAT 8534

(n,n') He-3

85-At-206

Radionuclide Production Cross Section

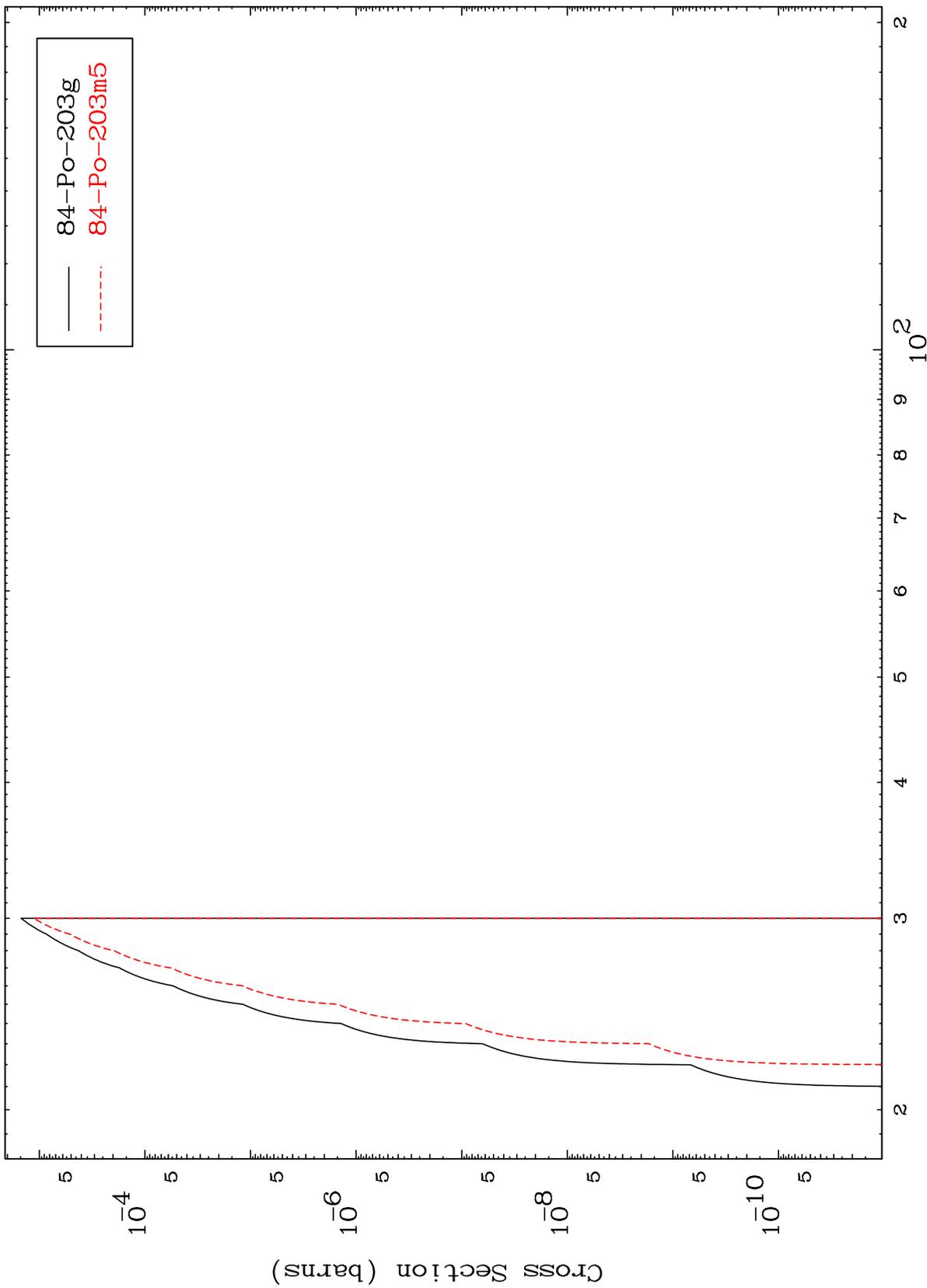


127

Incident Energy (MeV)

85-At-206

(n,3n) p  
Radionuclide Production Cross Section

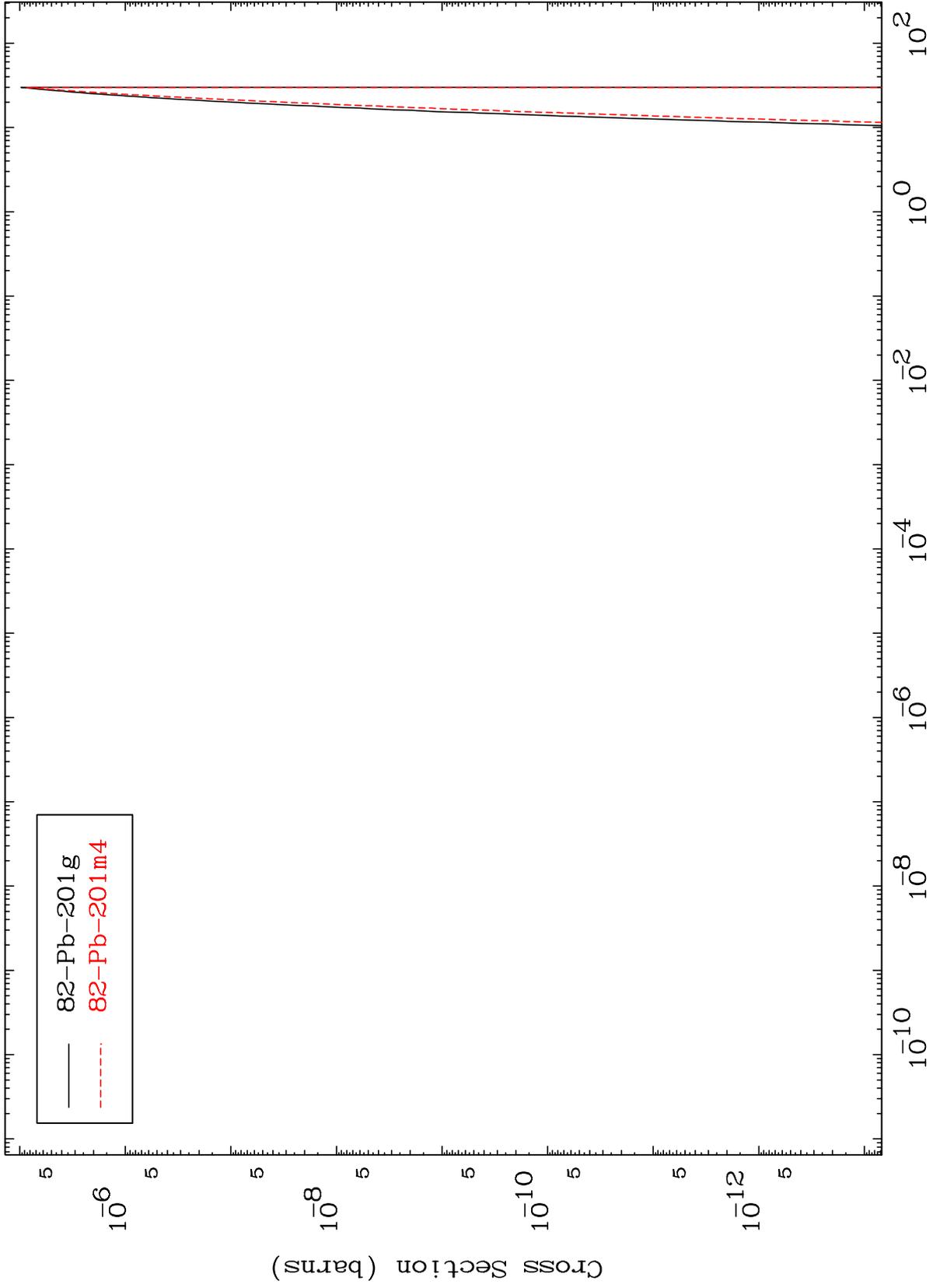


MAT 8534

(n,n') p  $\alpha$

85-At-206

Radionuclide Production Cross Section

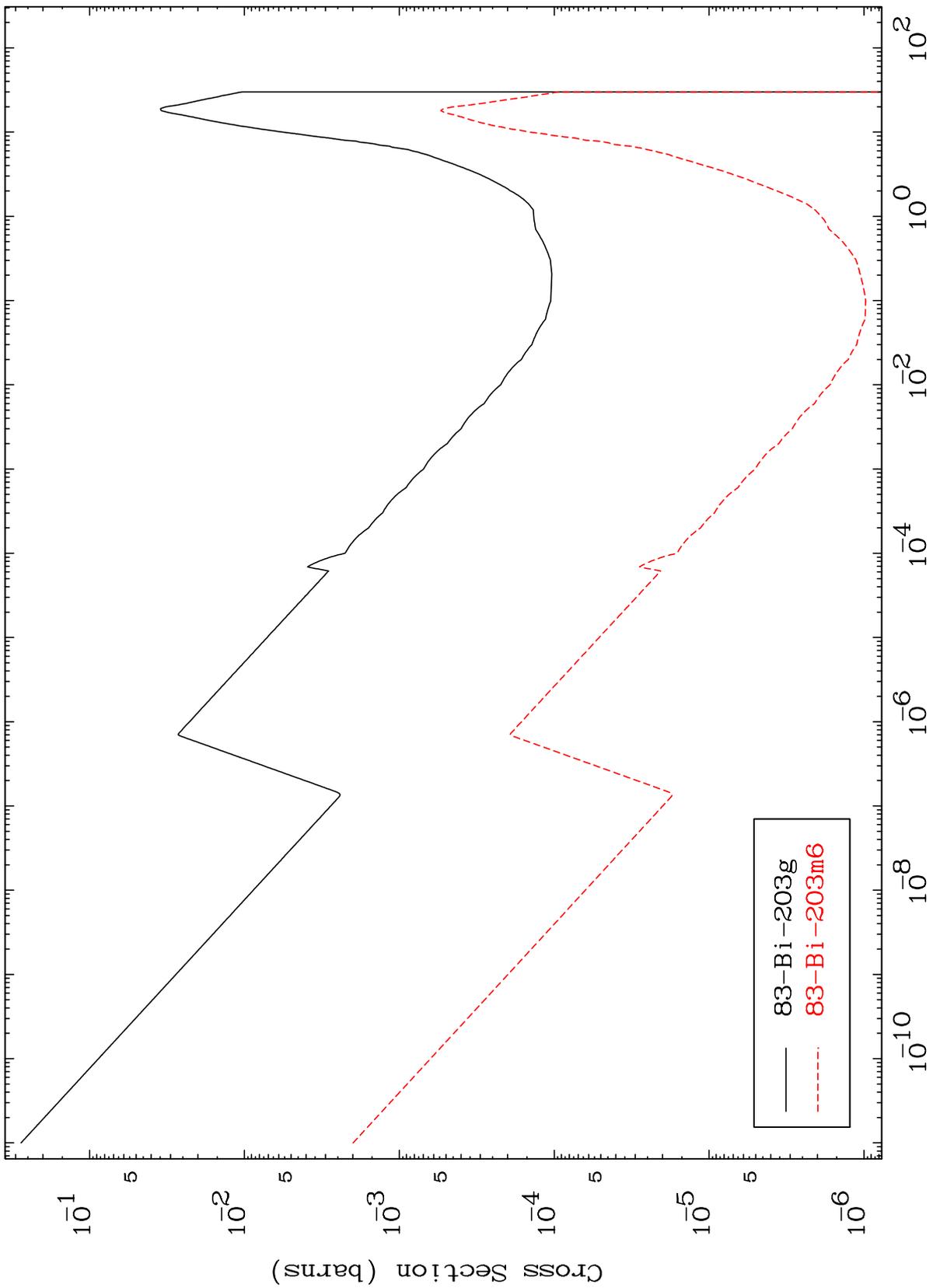


— 82-Pb-201g  
- - - 82-Pb-201m4

MAT 8534

85-At-206

Radionuclide Production Cross Section  
(n,  $\alpha$ )



130

85-At-206

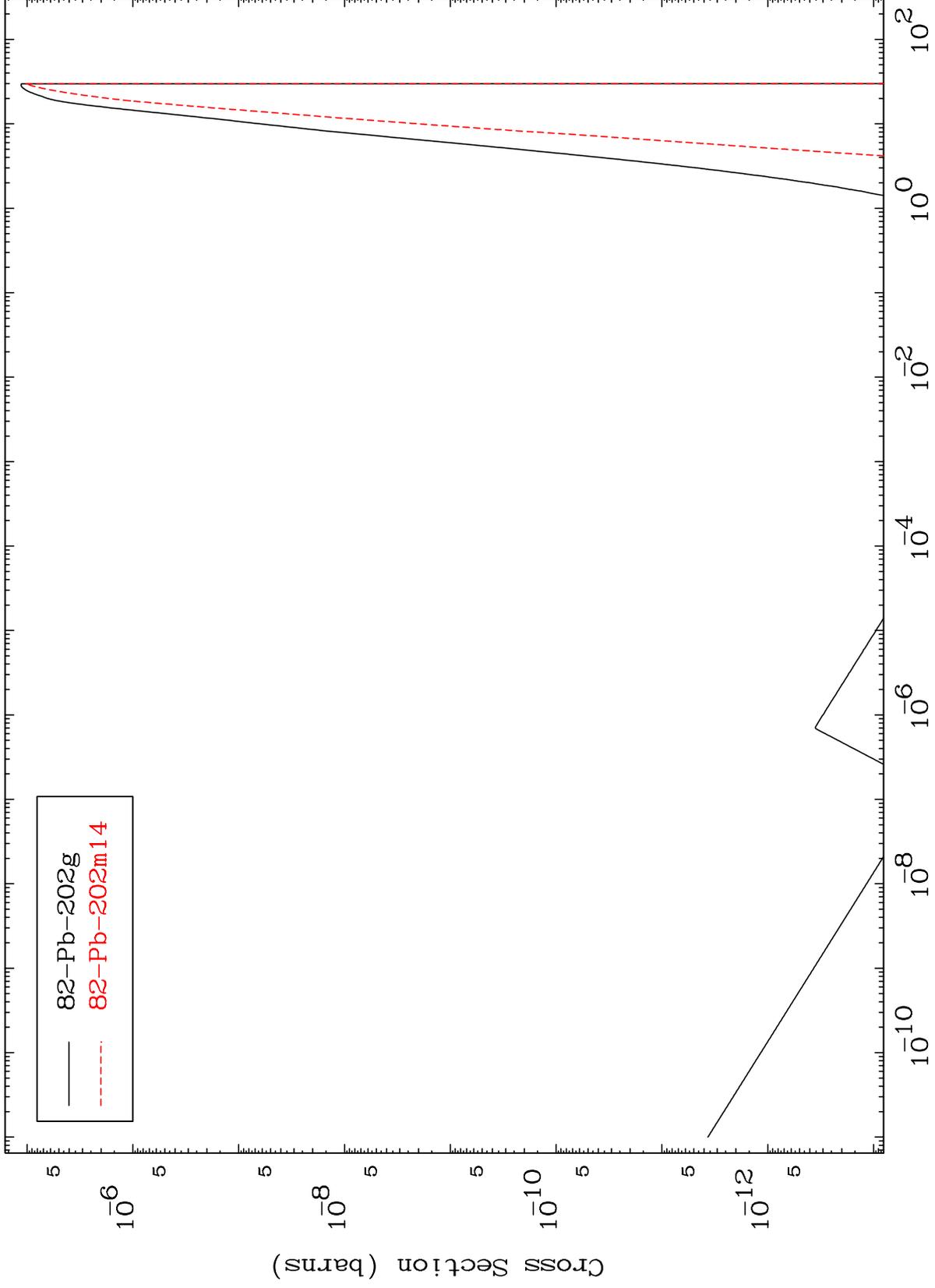
Incident Energy (MeV)

MAT 8534

(n,p)  $\alpha$

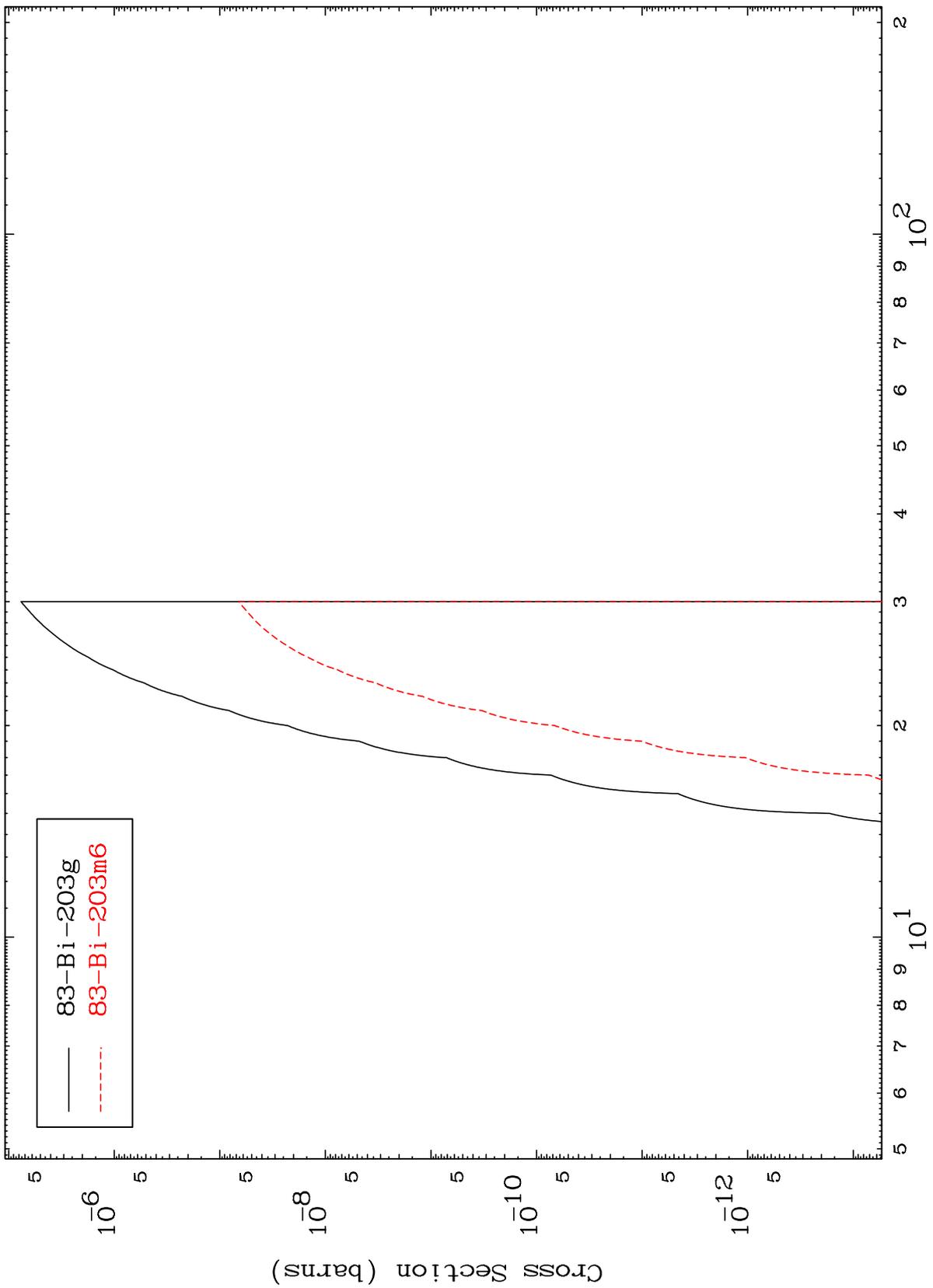
85-At-206

Radionuclide Production Cross Section



— 82-Pb-202g  
- - - 82-Pb-202m14

Radionuclide Production Cross Section



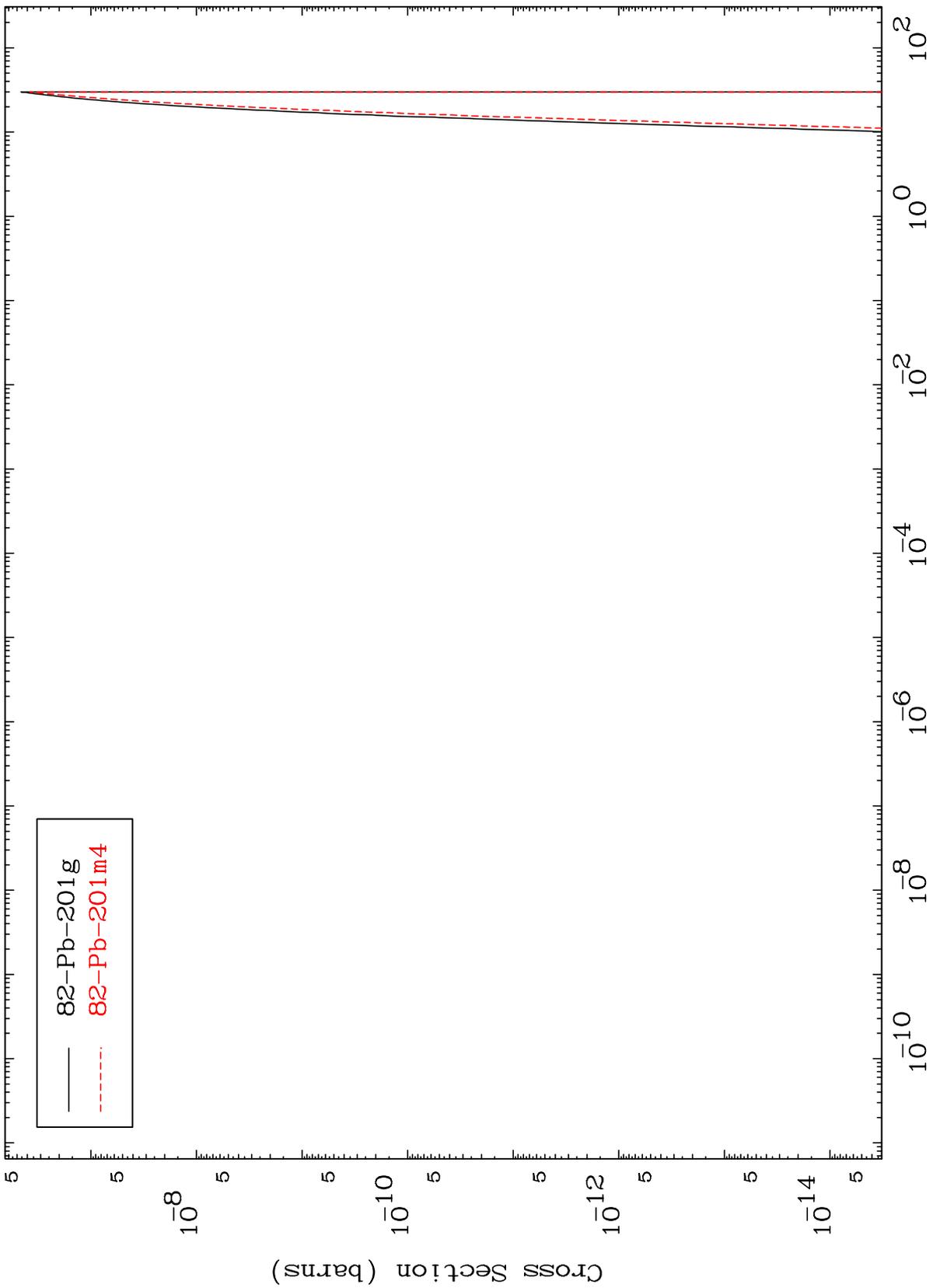
83-Bi-203g  
83-Bi-203m6

MAT 8534

(n,d)  $\alpha$

85-At-206

Radionuclide Production Cross Section



82-Pb-201g  
82-Pb-201m4