

Program EVALPLOT
(Version 2017-1)

by

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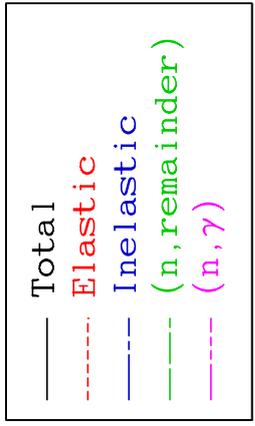
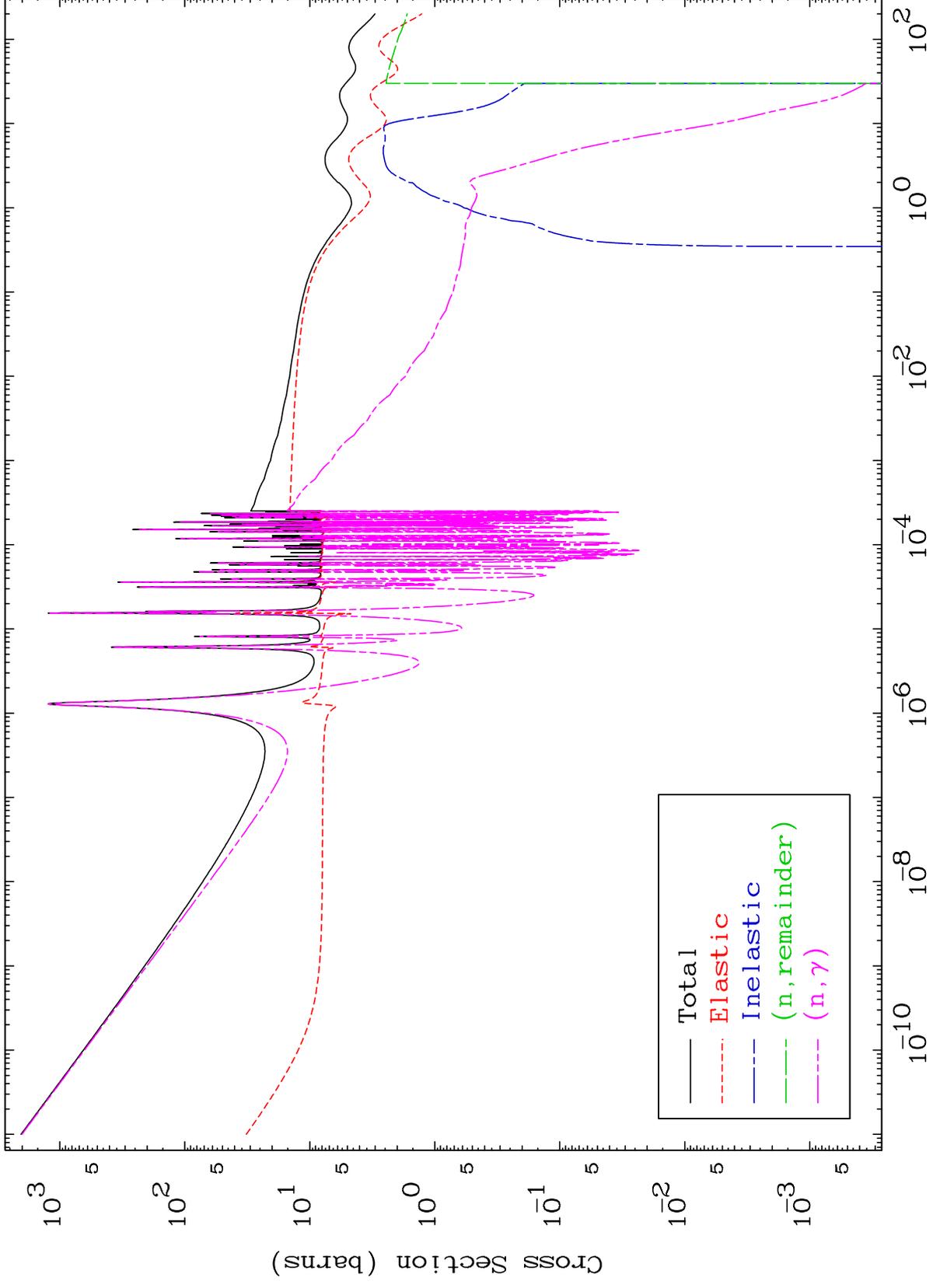
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MAT 8537

Major

293 Kelvin Cross Sections

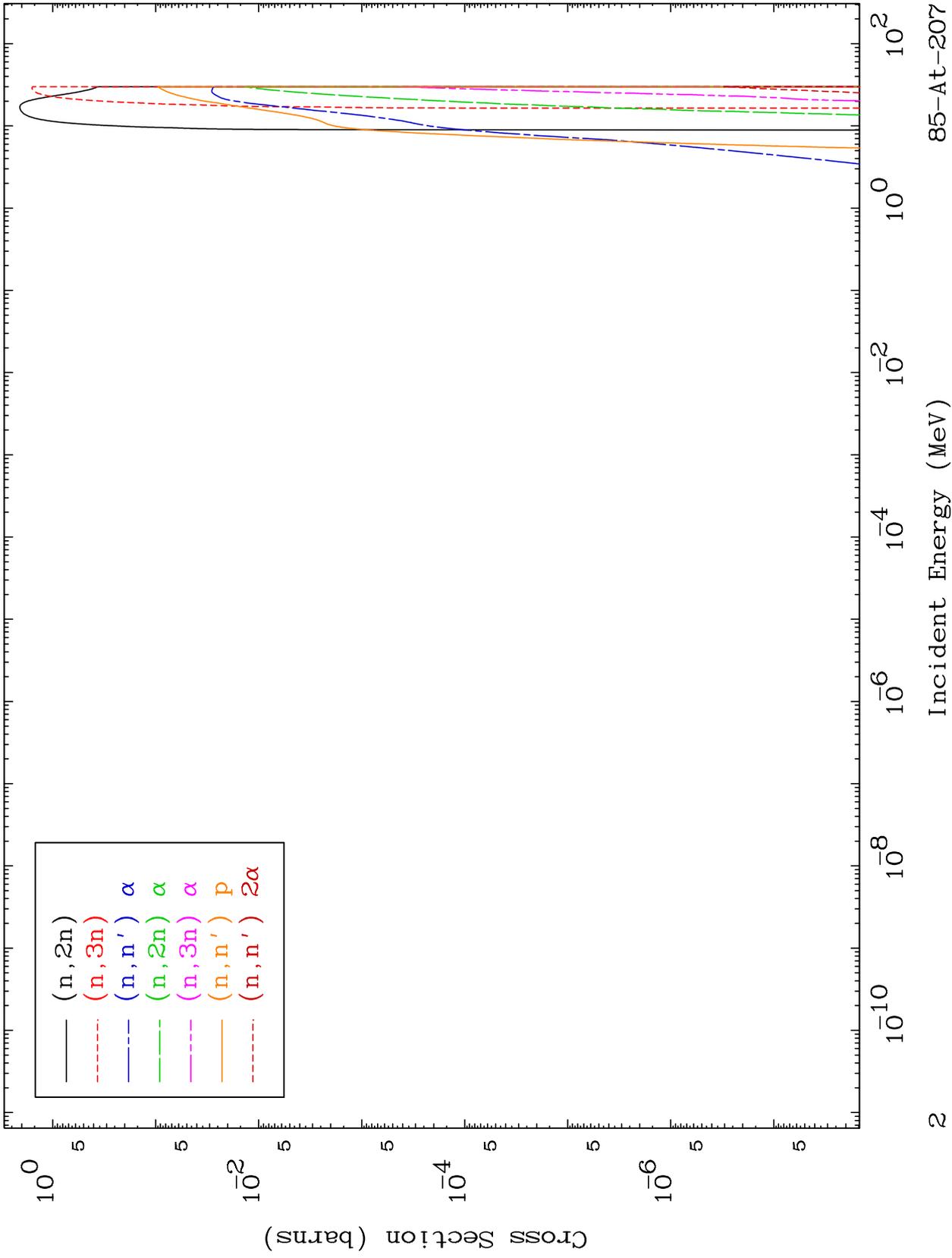
85-At-207

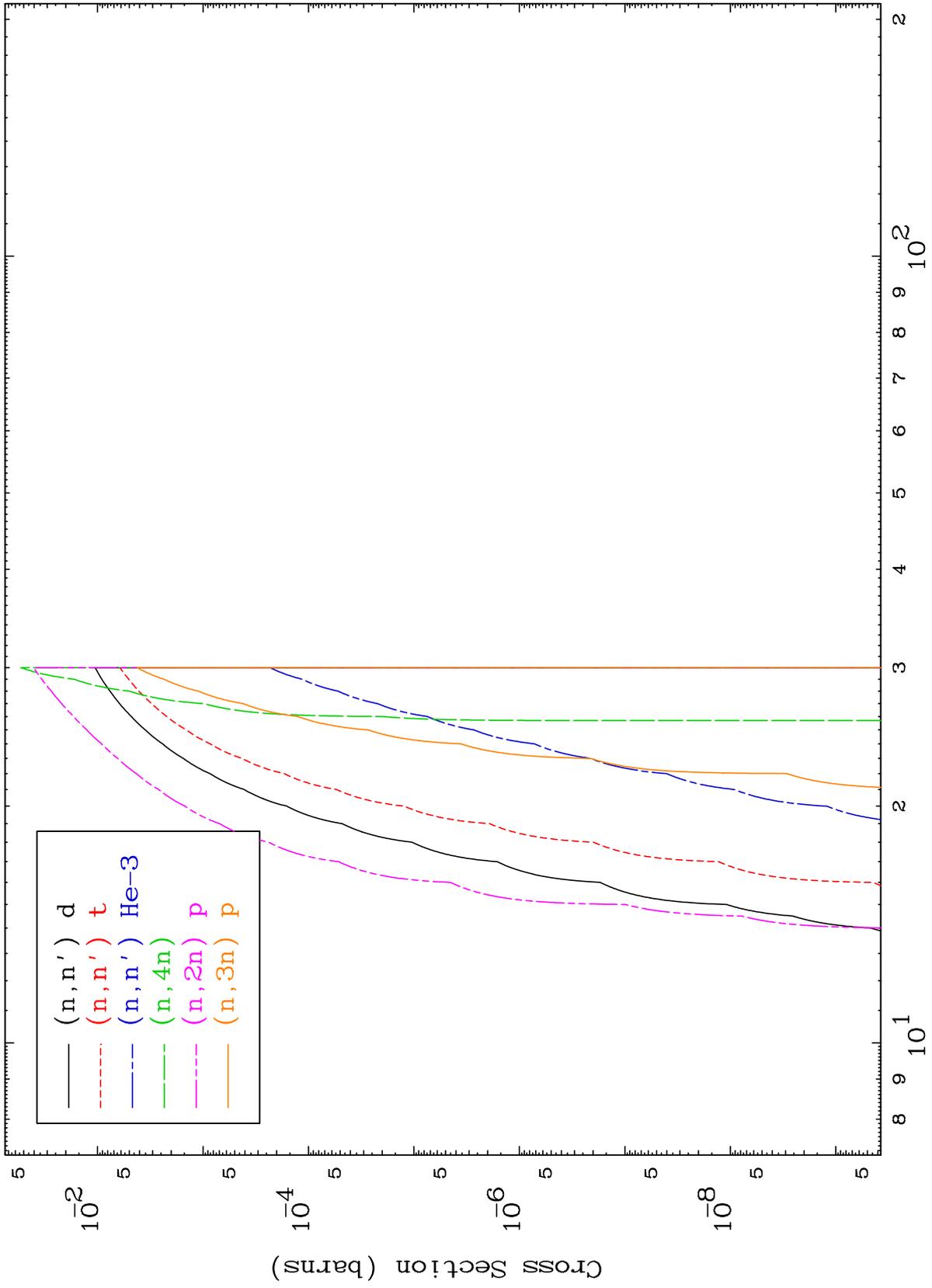


MAT 8537

Neutron Production
293 Kelvin Cross Sections

85-At-207

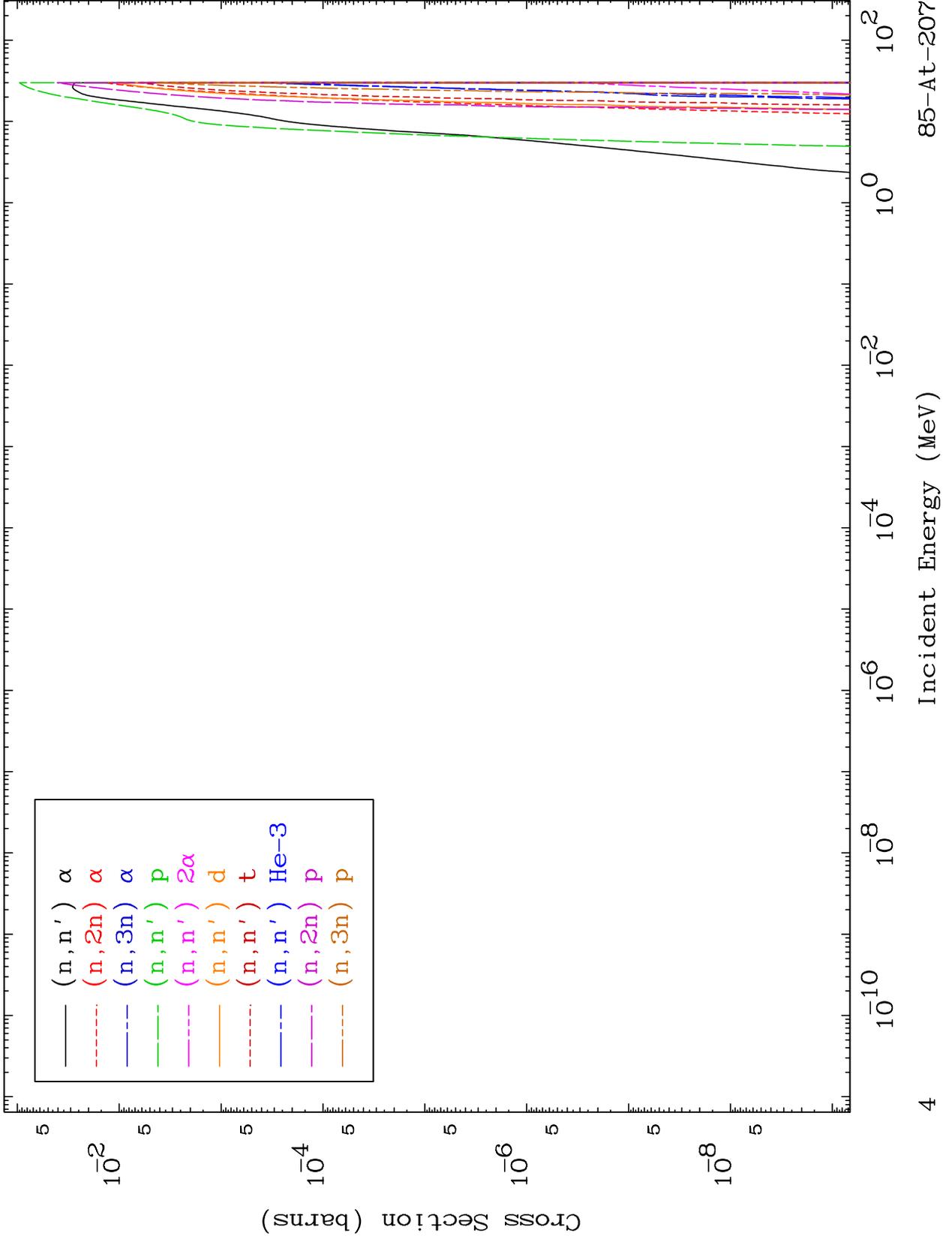




MAT 8537

Charged Particle
293 Kelvin Cross Sections

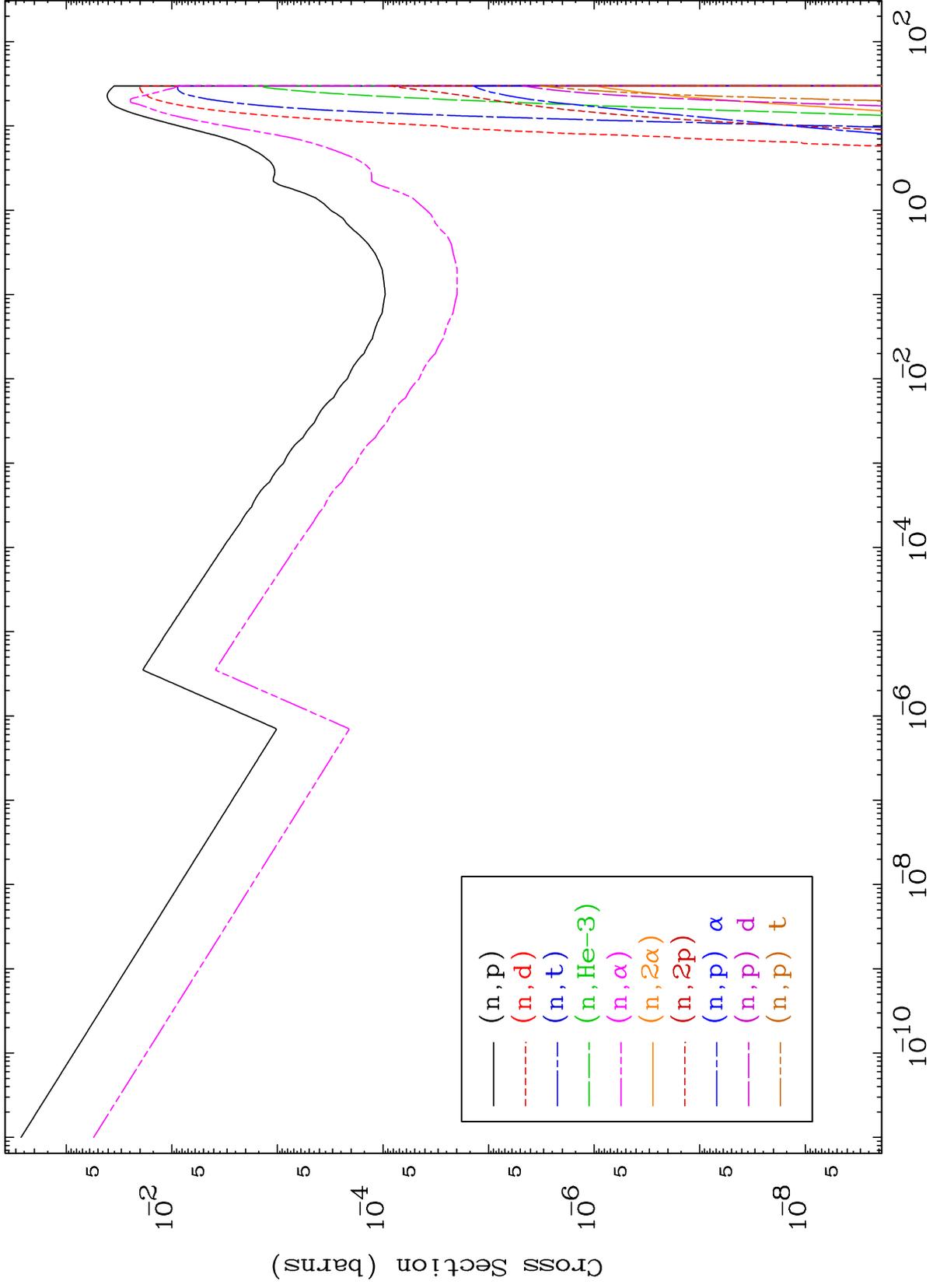
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MAT 8537

Charged Particle
293 Kelvin Cross Sections

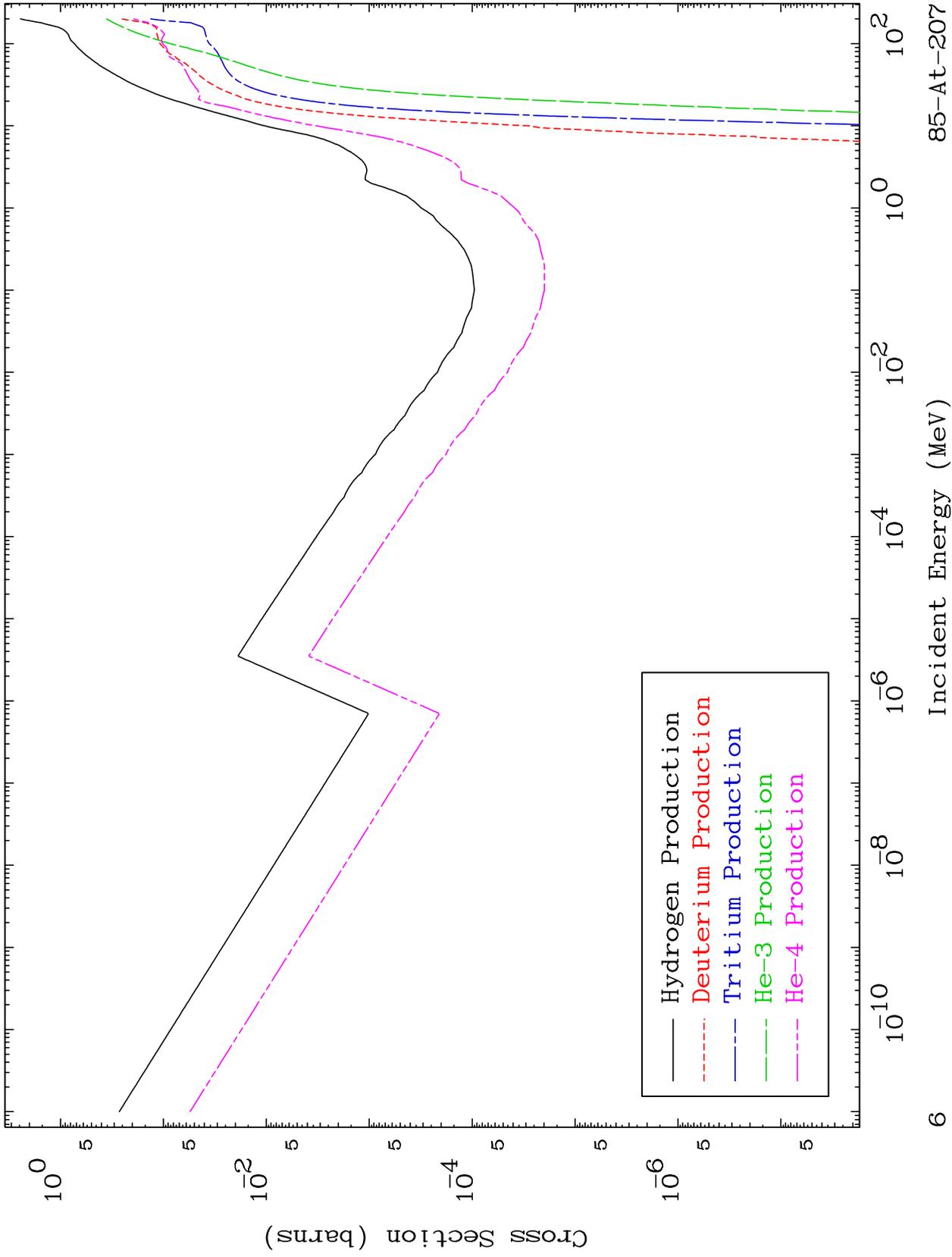
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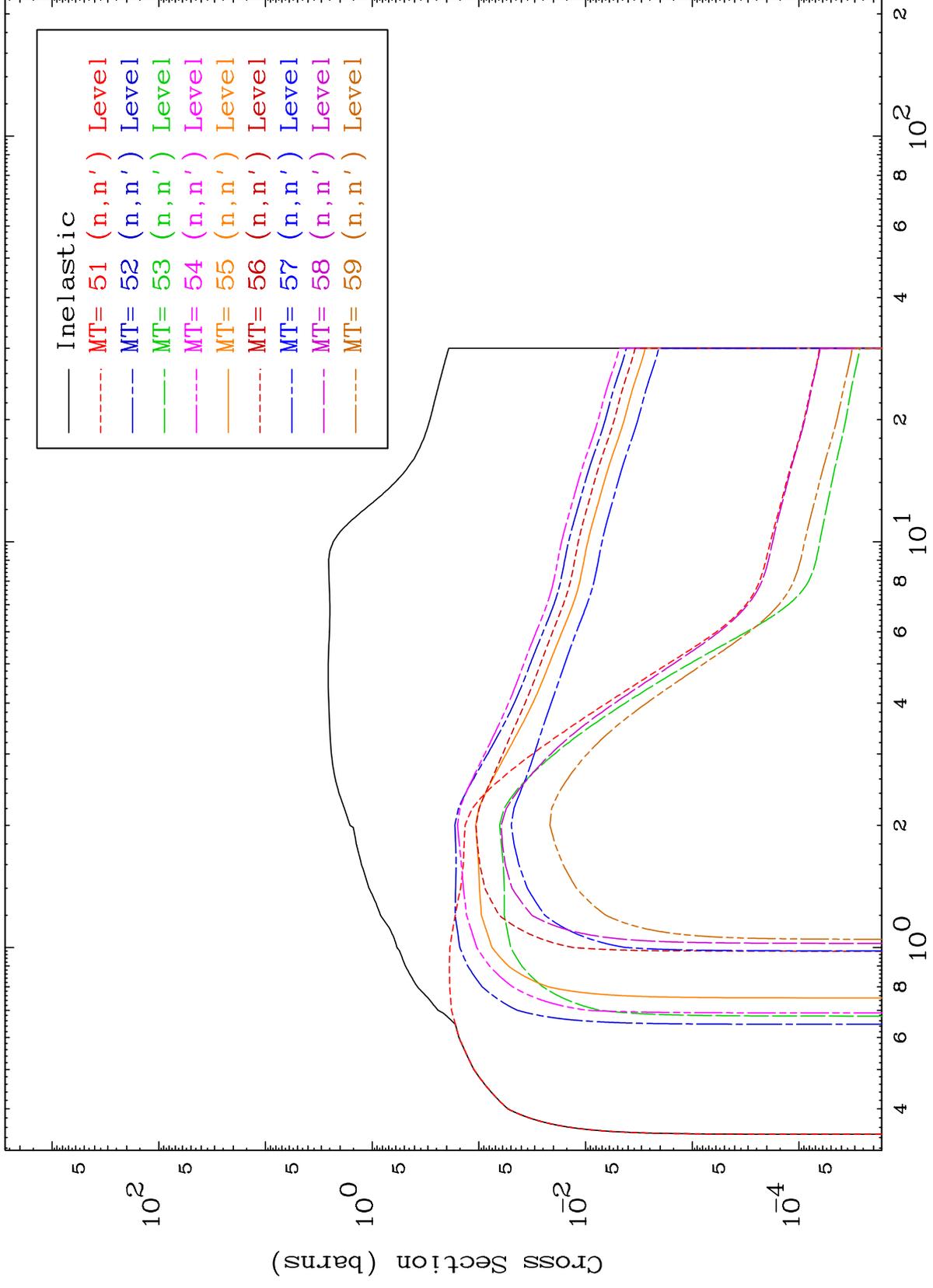
MAT 8537

Particle Production
293 Kelvin Cross Sections

85-At-207



293 Kelvin Cross Sections

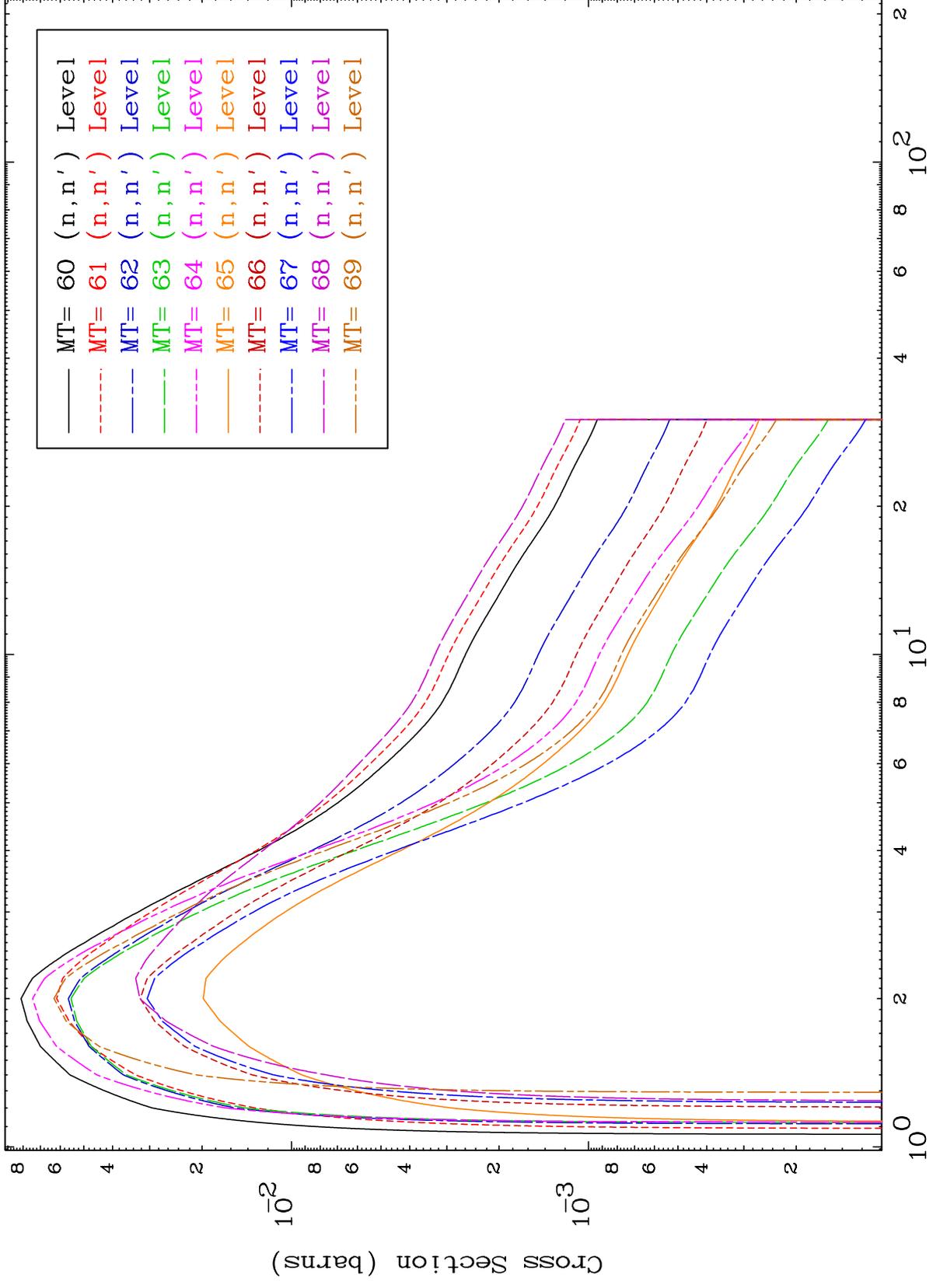


MAT 8537

(n,n') Level

85-At-207

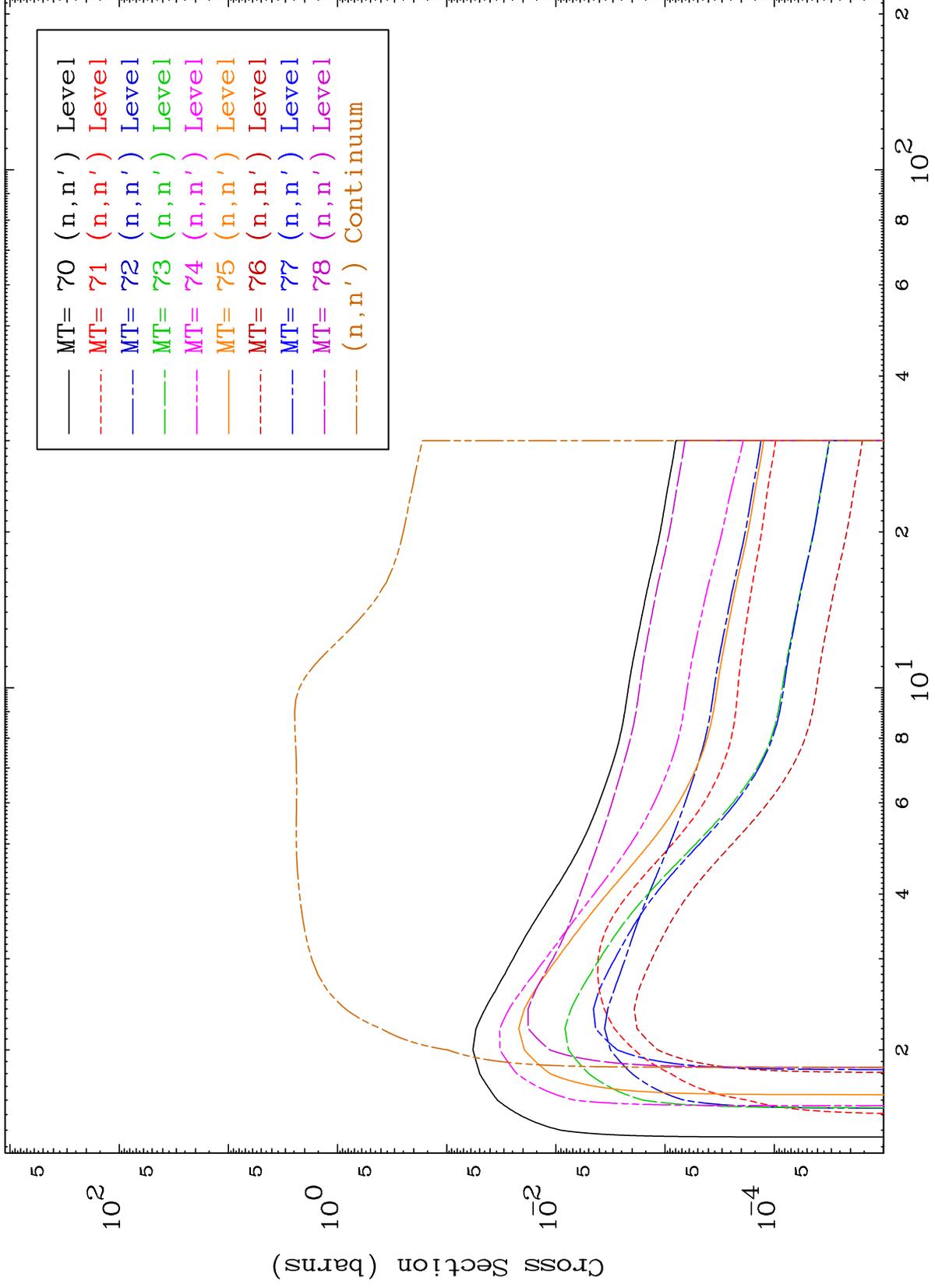
293 Kelvin Cross Sections



Incident Energy (MeV)

85-At-207

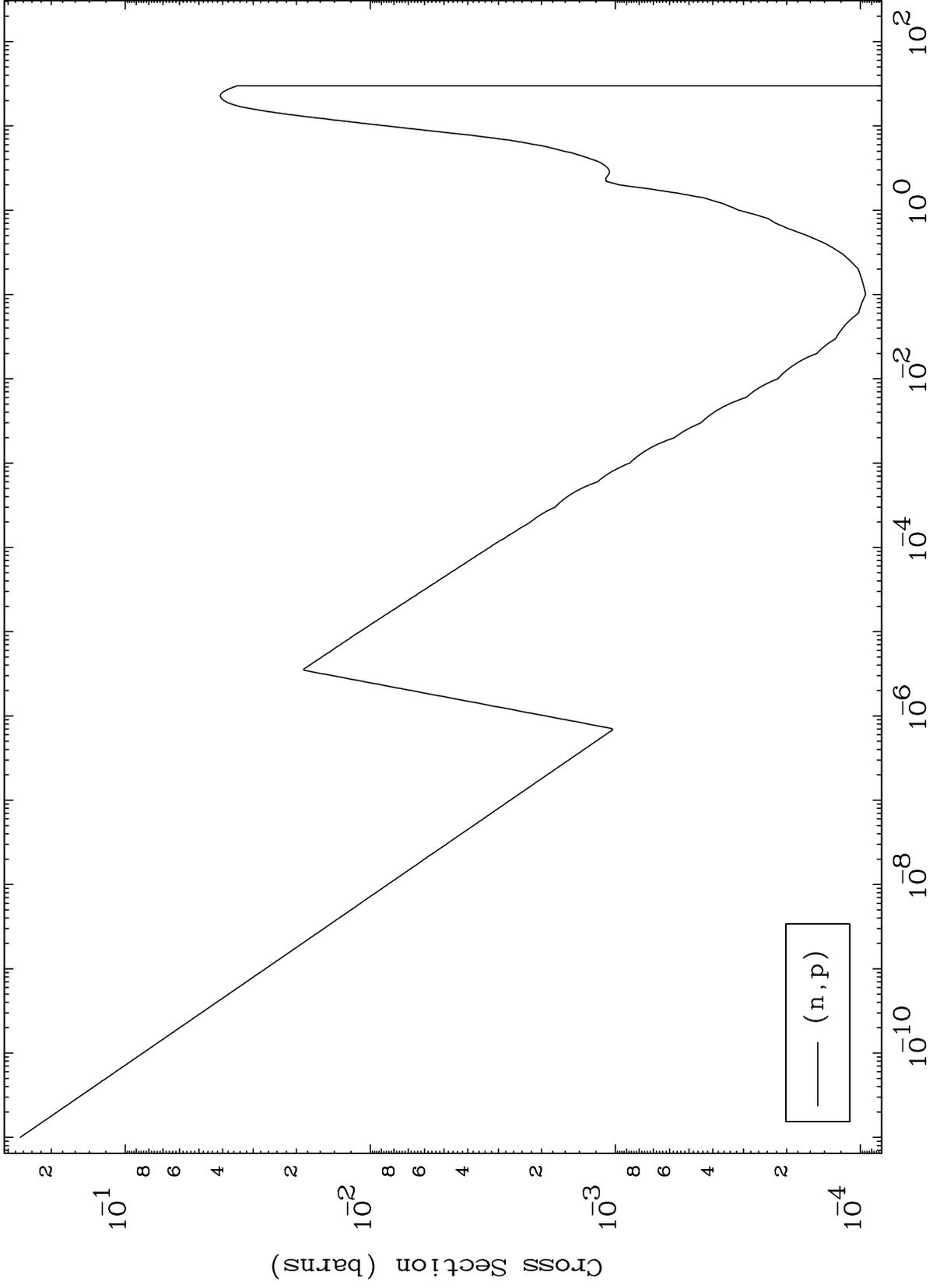
293 Kelvin Cross Sections



MAT 8537

(n,p) Levels
293 Kelvin Cross Sections

85-At-207



(n,p)

10

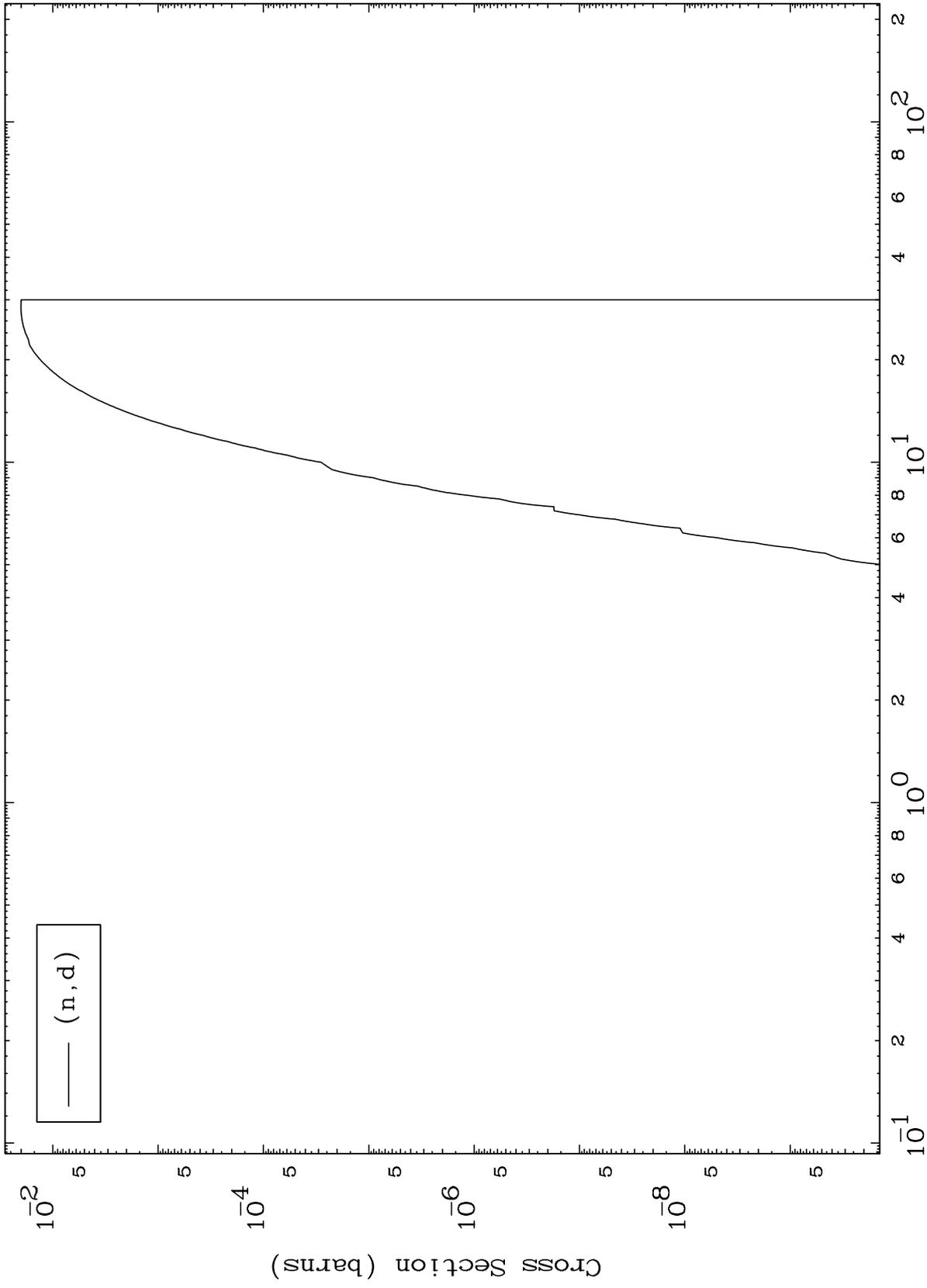
Incident Energy (MeV)

85-At-207

MAT 8537

(n,d) Levels
293 Kelvin Cross Sections

85-At-207



11

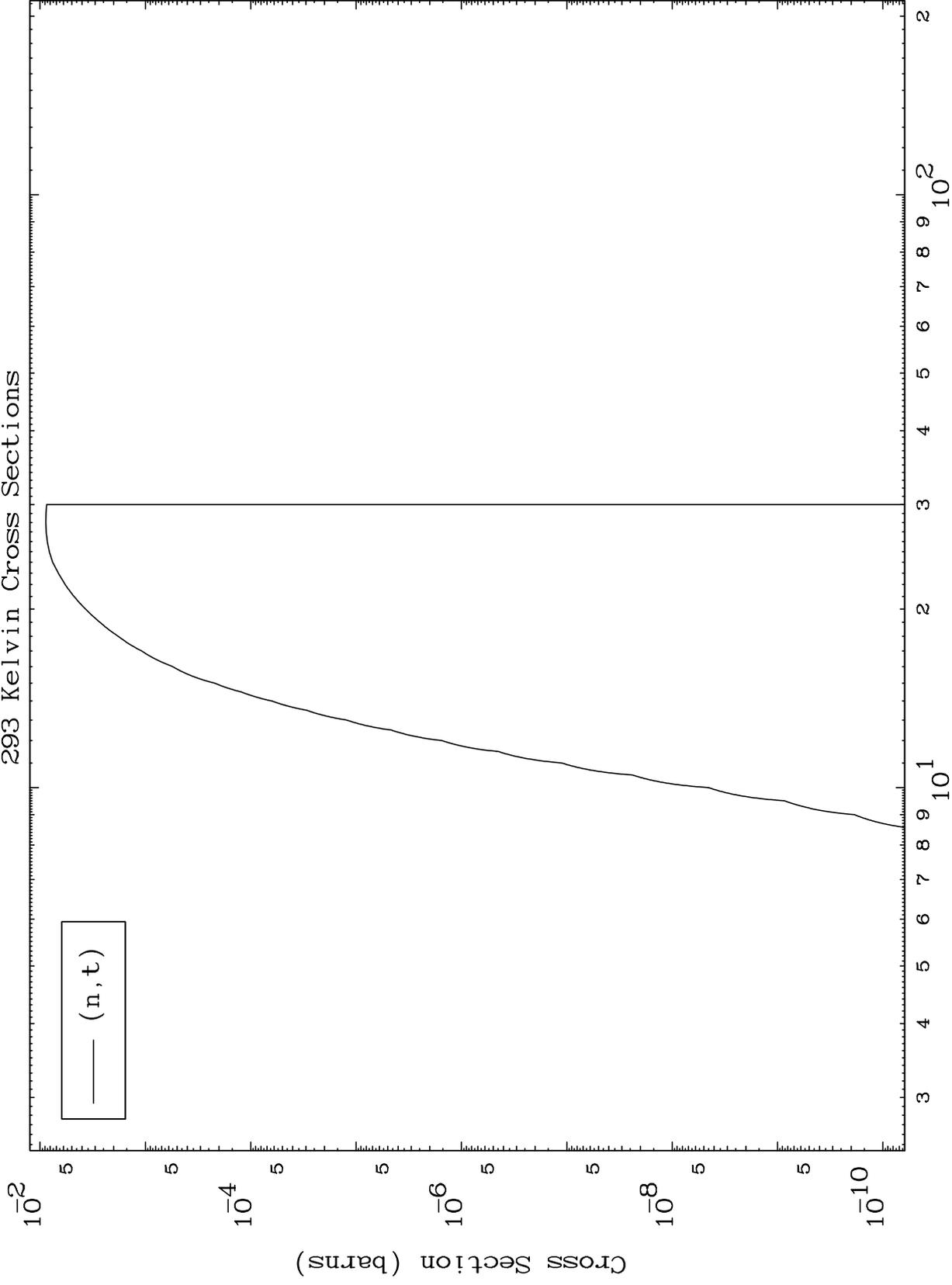
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85-At-207

MAT 8537

(n,t) Levels
293 Kelvin Cross Sections

85-At-207



12

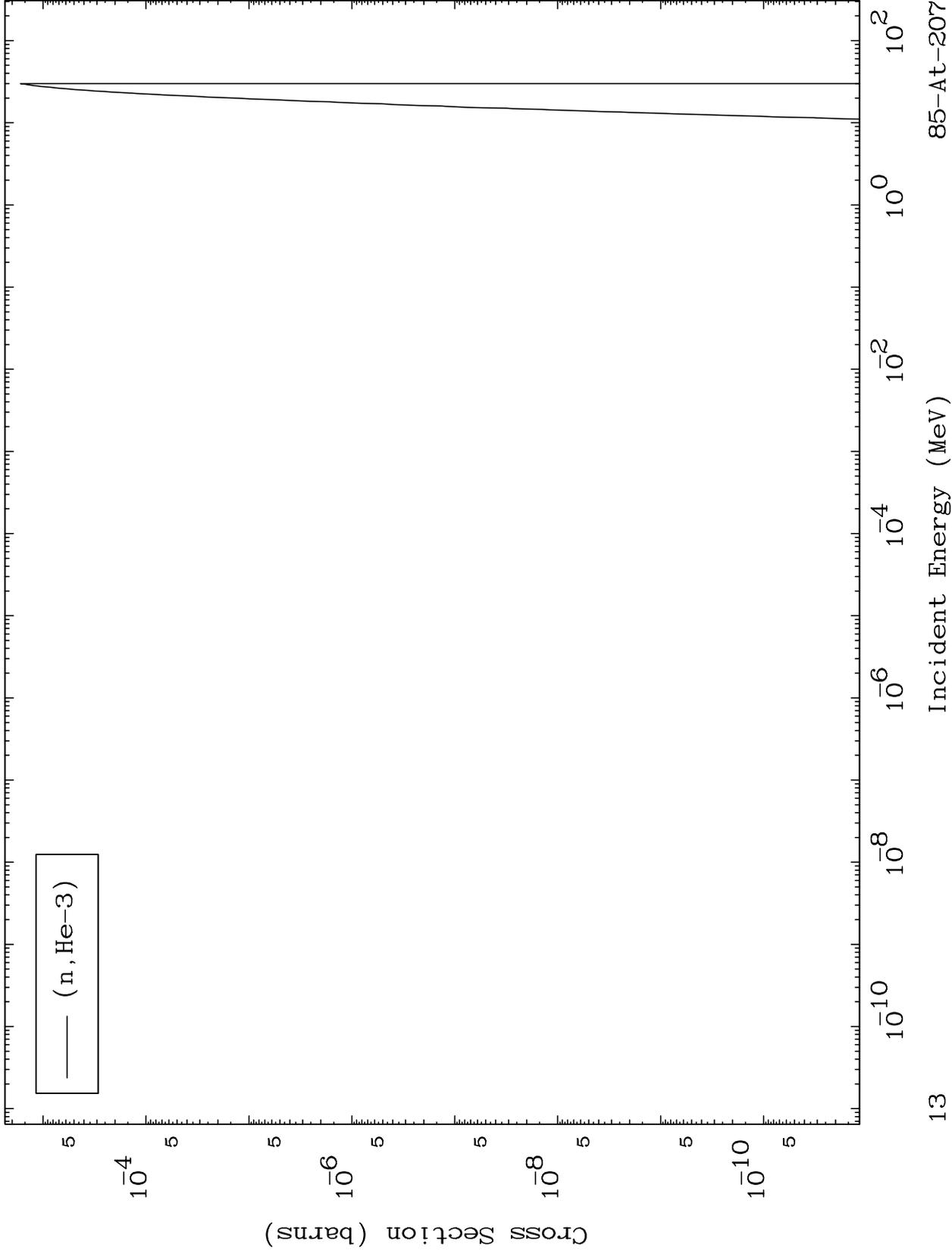
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85-At-207

MAT 8537

(n,He3) Levels
293 Kelvin Cross Sections

85-At-207



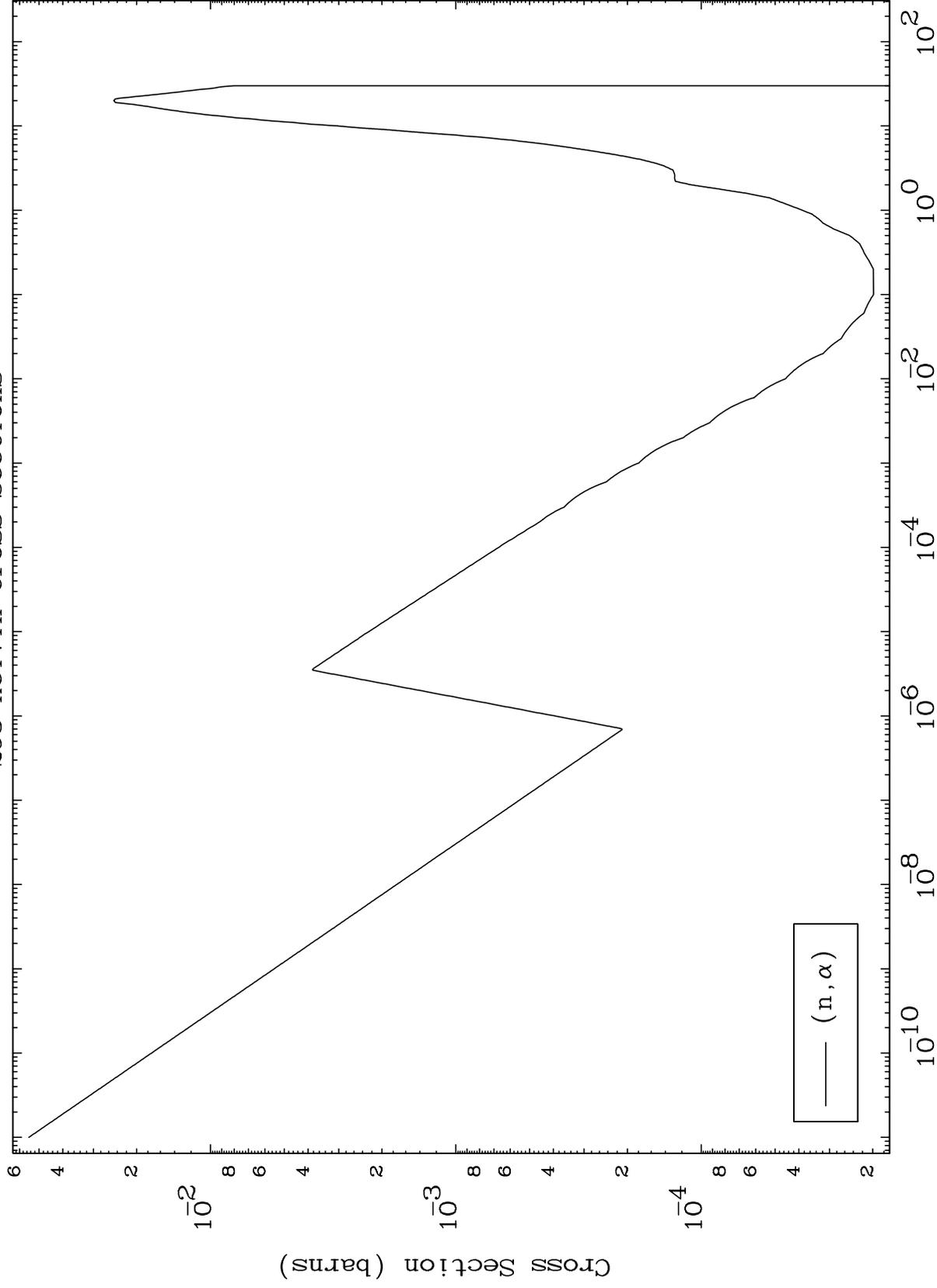
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85-At-207

MAT 8537

(n,α) Levels
293 Kelvin Cross Sections

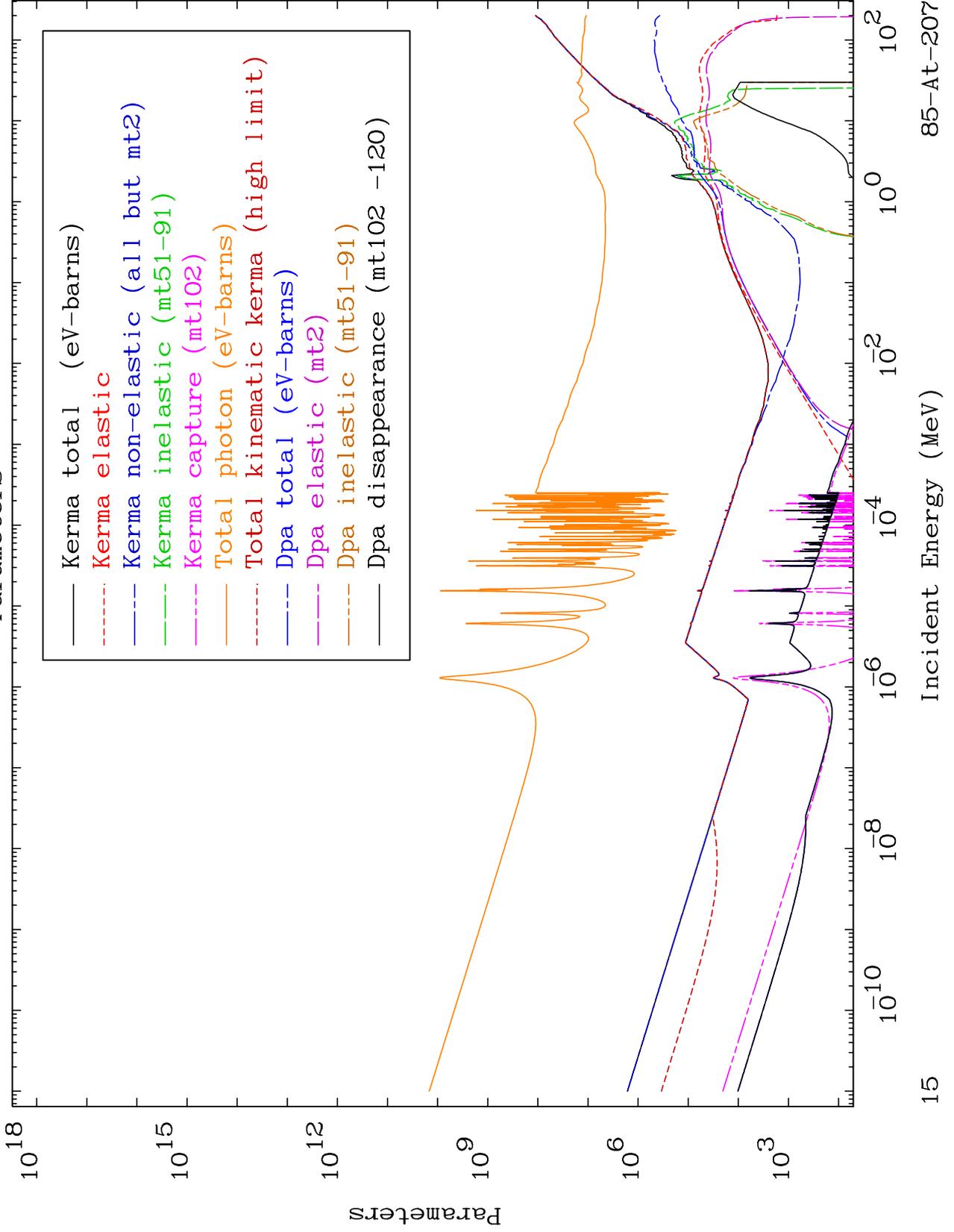
85-At-207



14

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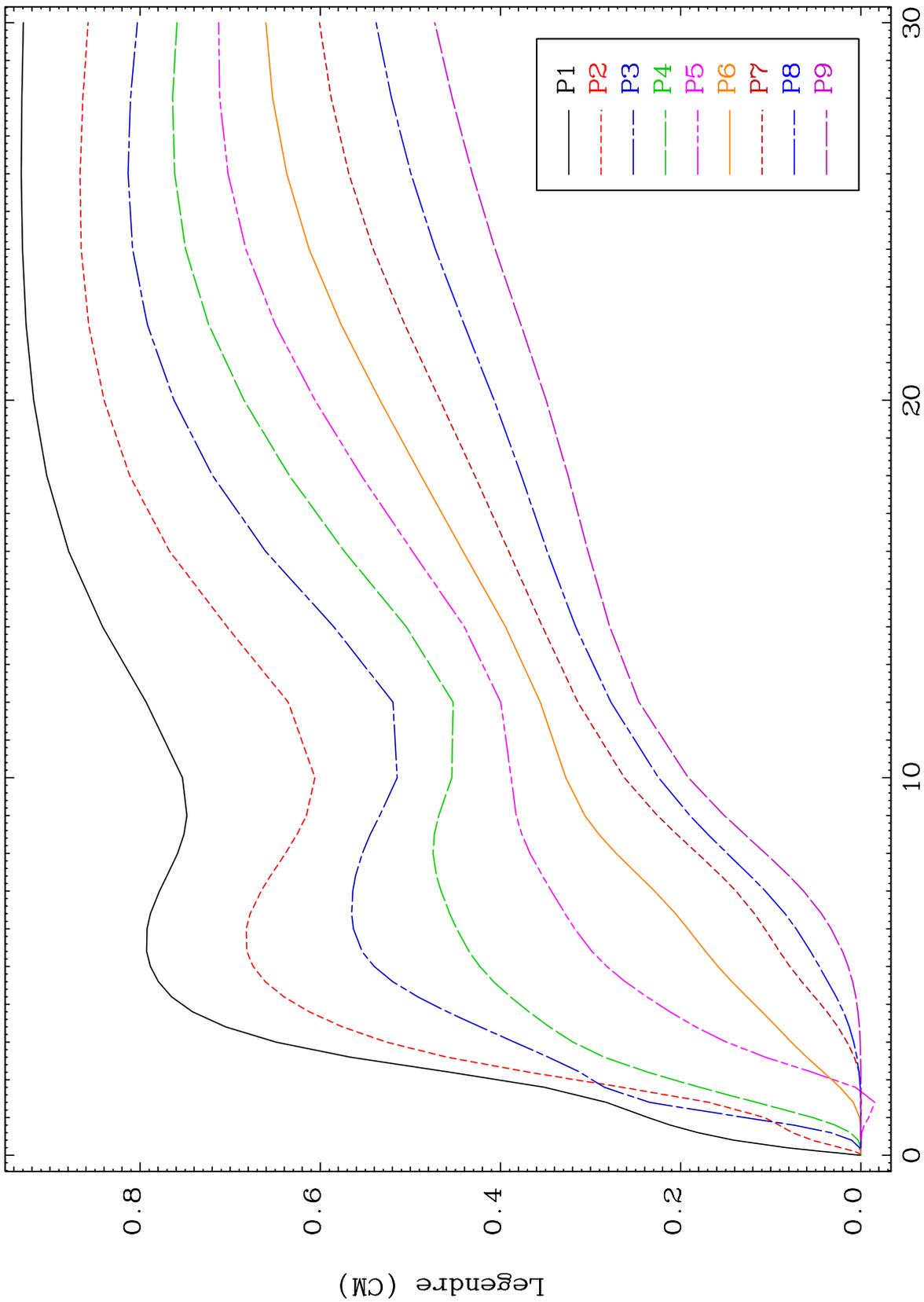
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MAT 8537

85-At-207

Elastic Legendre Coefficients



85-At-207

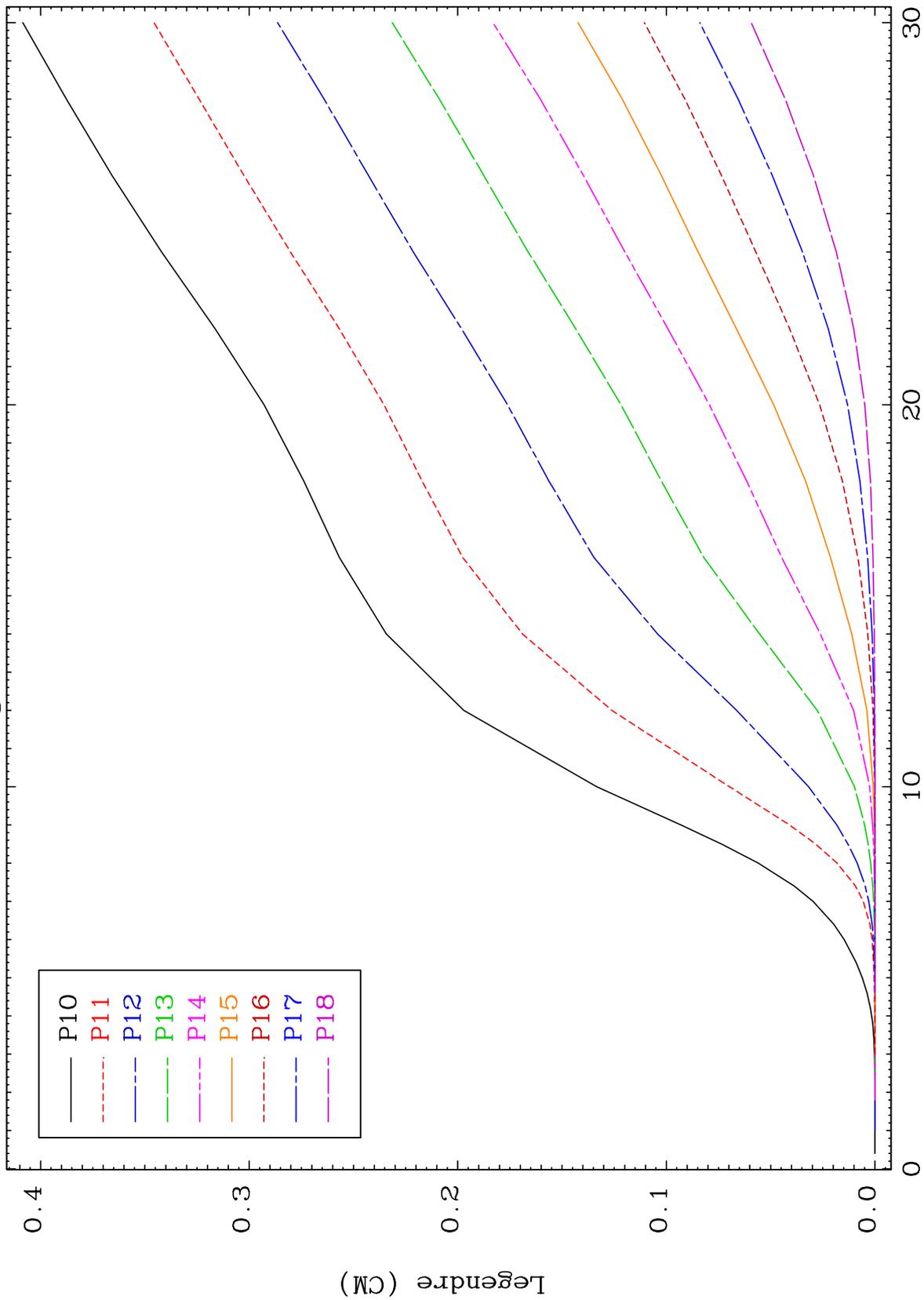
Incident Energy (MeV)

16

MAT 8537

Elastic Legendre Coefficients

85-At-207



17

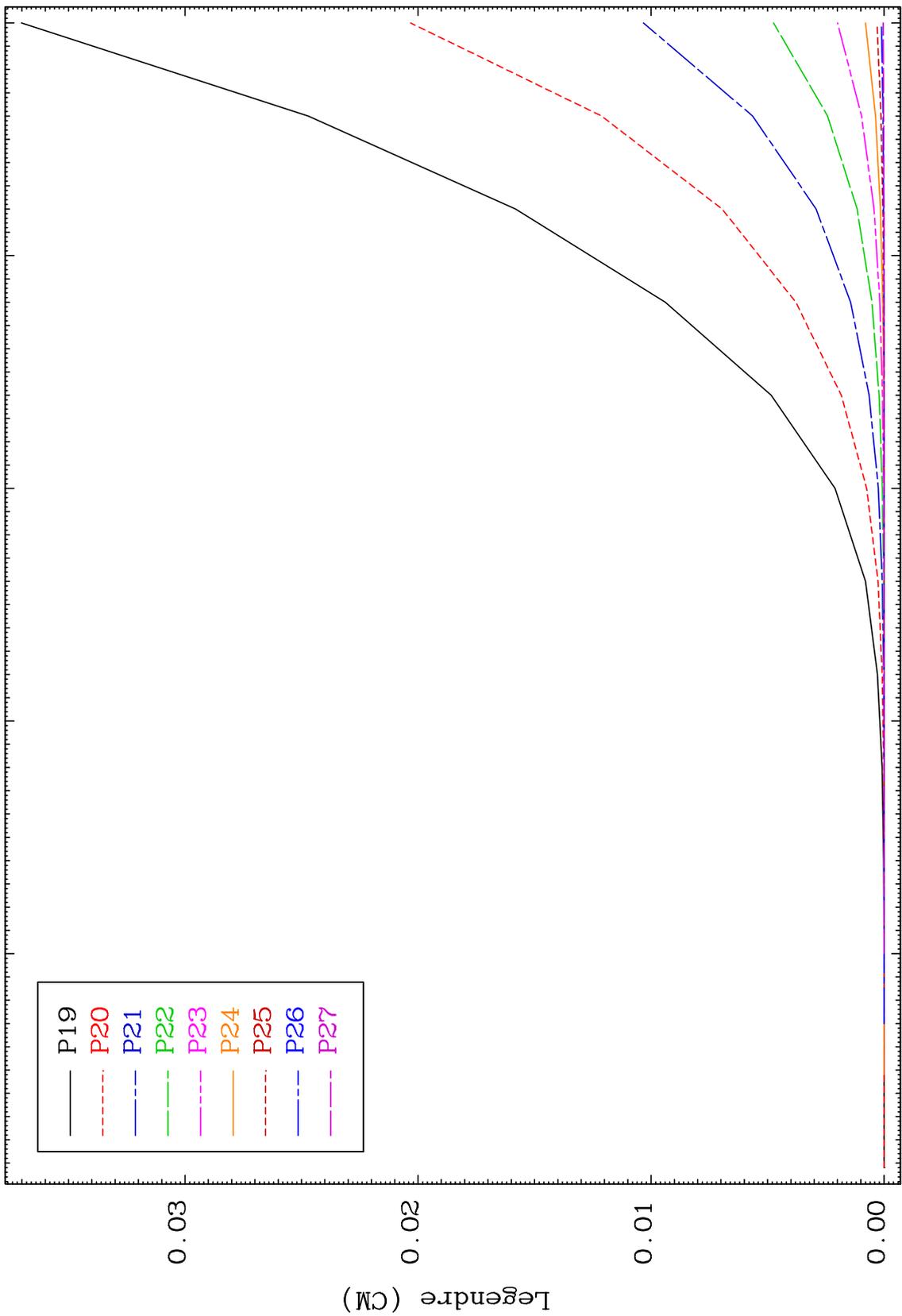
Incident Energy (MeV)

85-At-207

MAT 8537

Elastic Legendre Coefficients

85-At-207



18

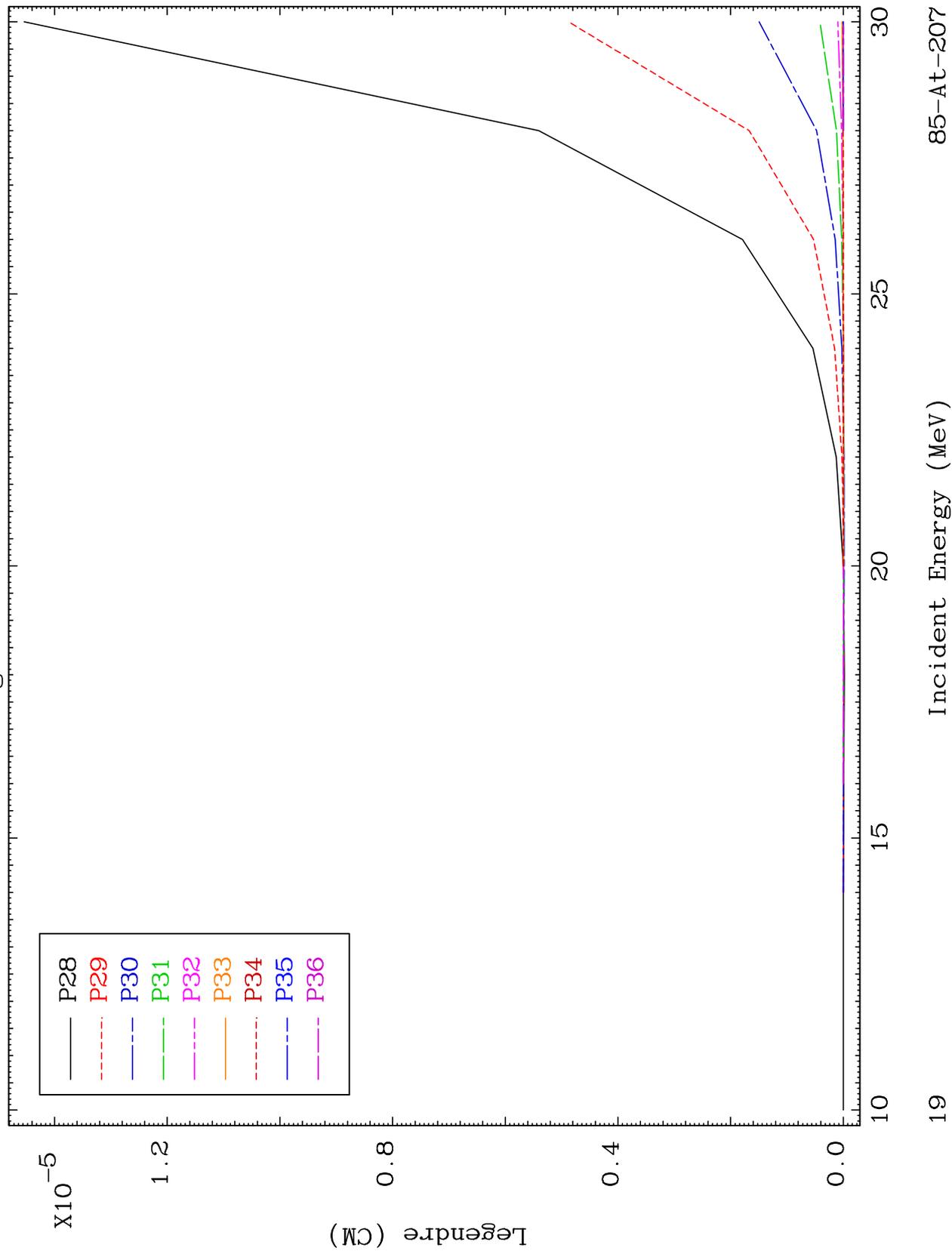
Incident Energy (MeV)

85-At-207

MAT 8537

Elastic Legendre Coefficients

85-At-207



19

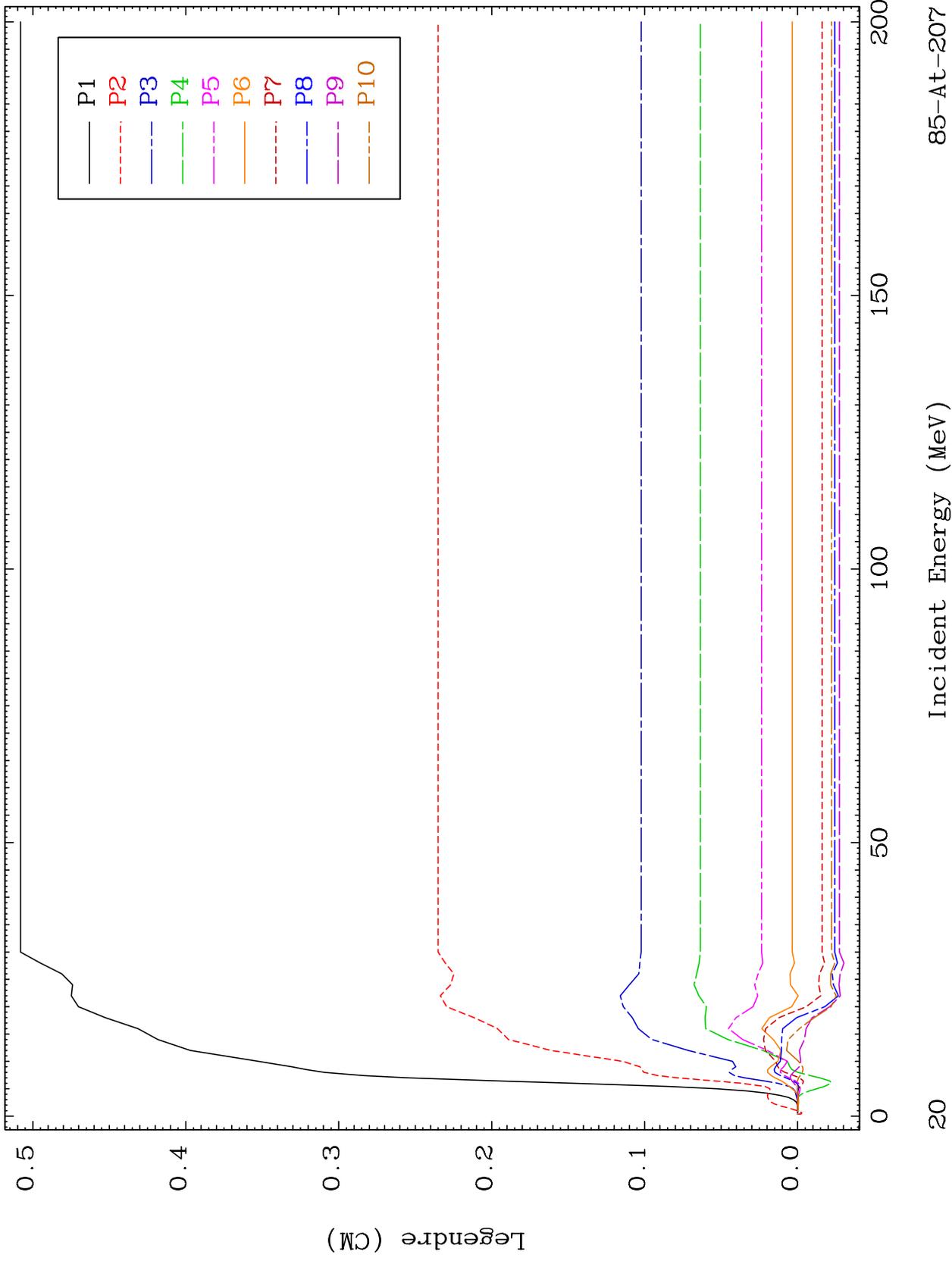
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



85-At-207

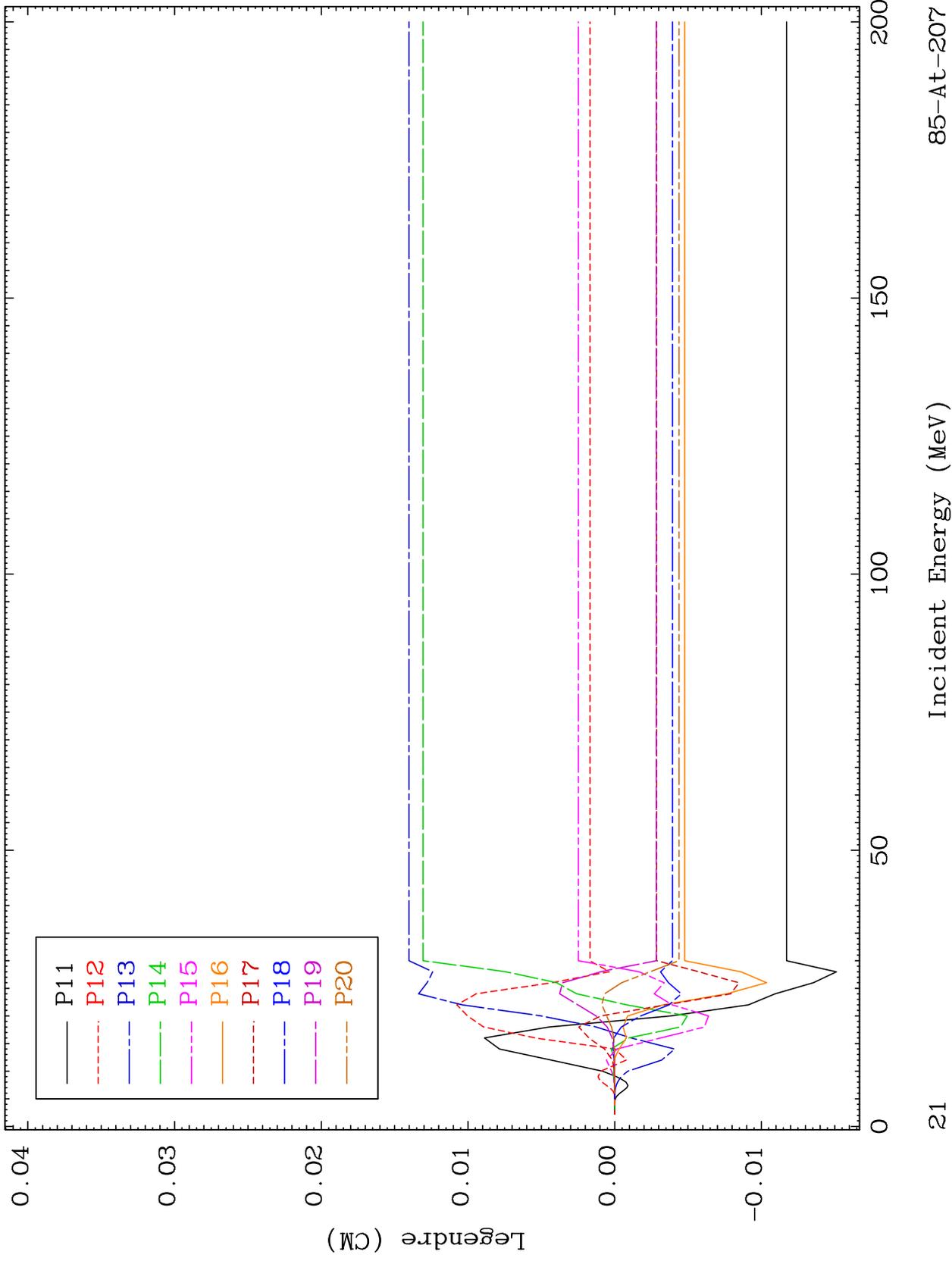
Incident Energy (MeV)

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MAT 8537

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

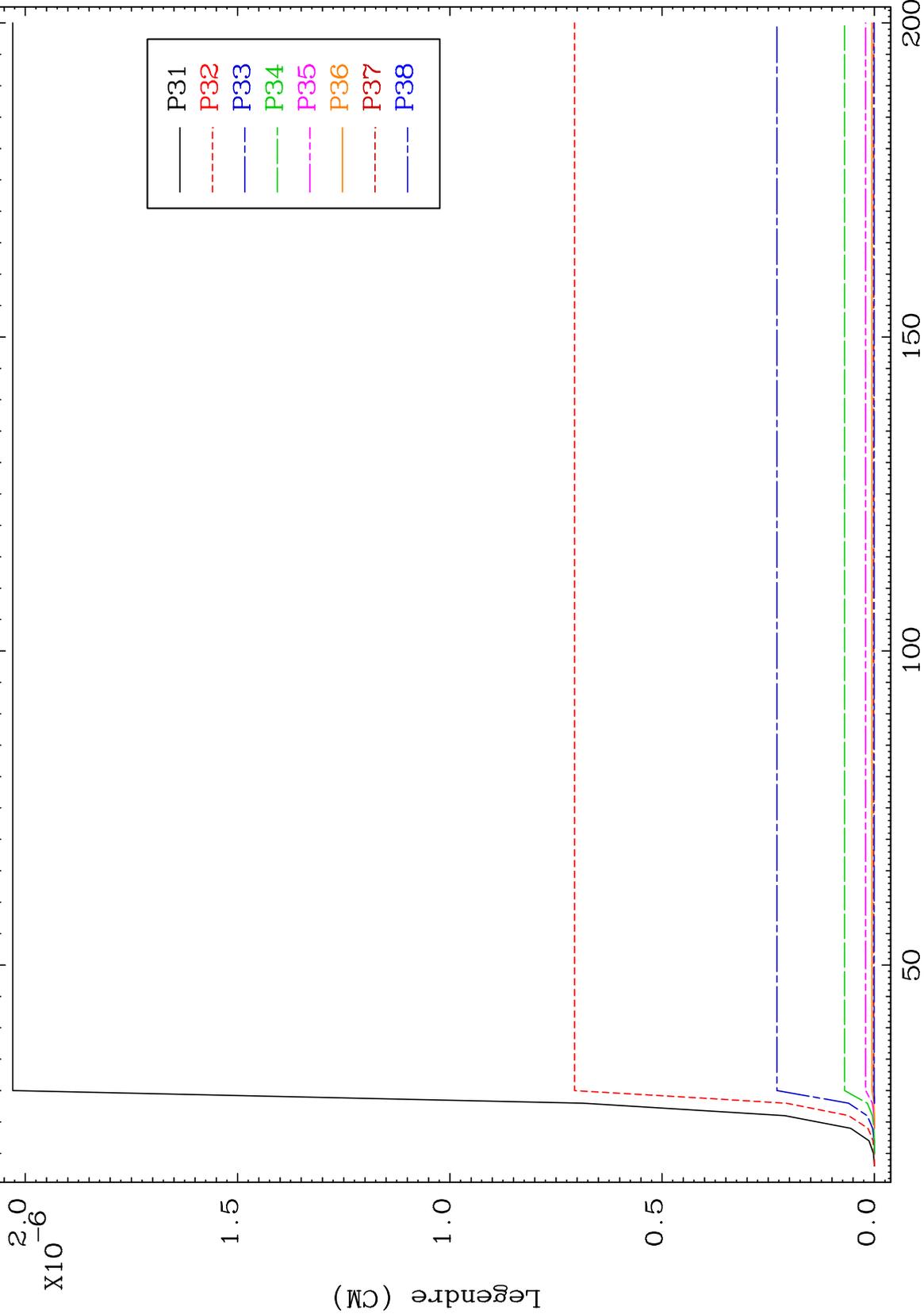
85-At-207



21

Incident Energy (MeV)

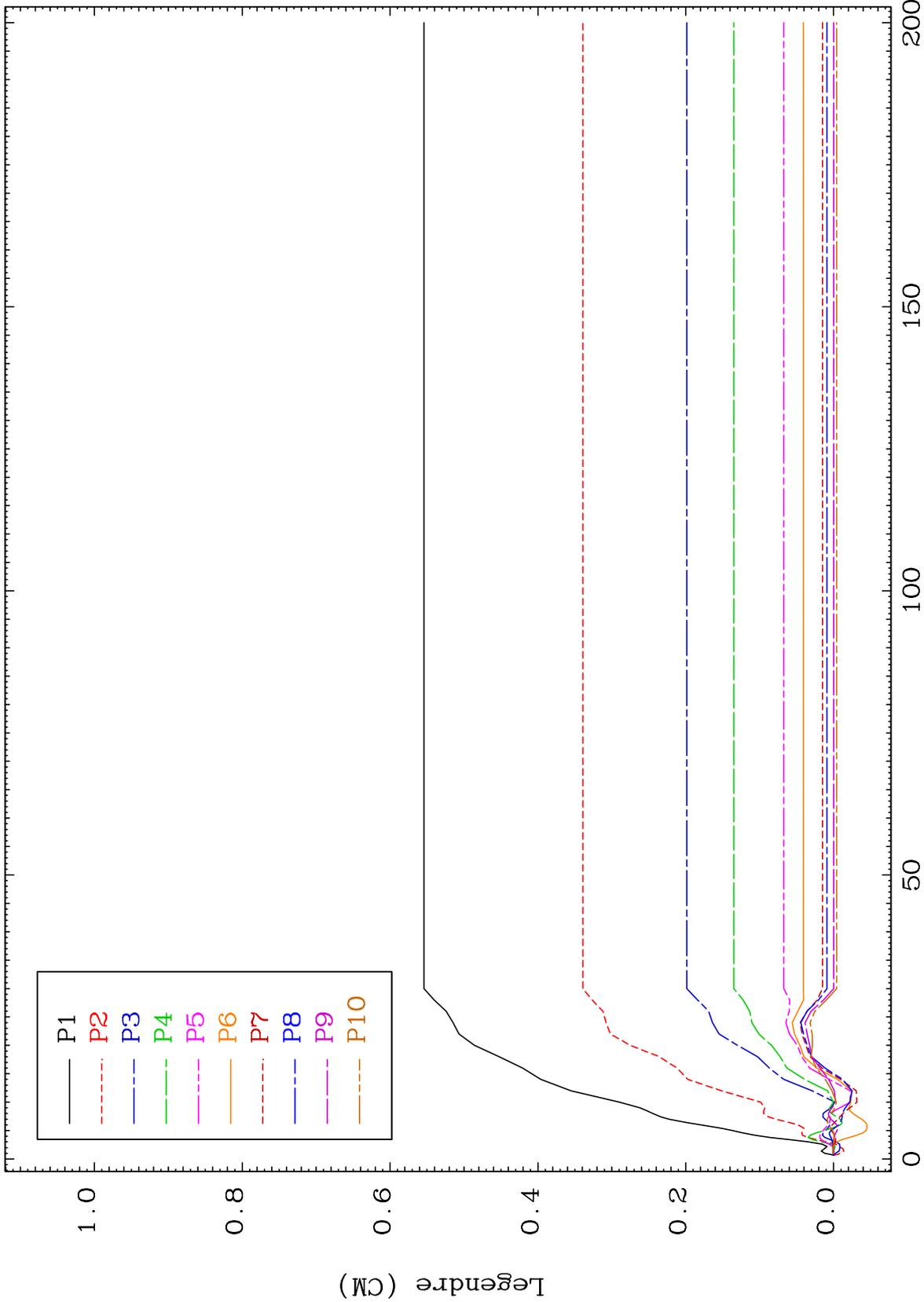
85-At-207



MAT 8537

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

85-At-207



24

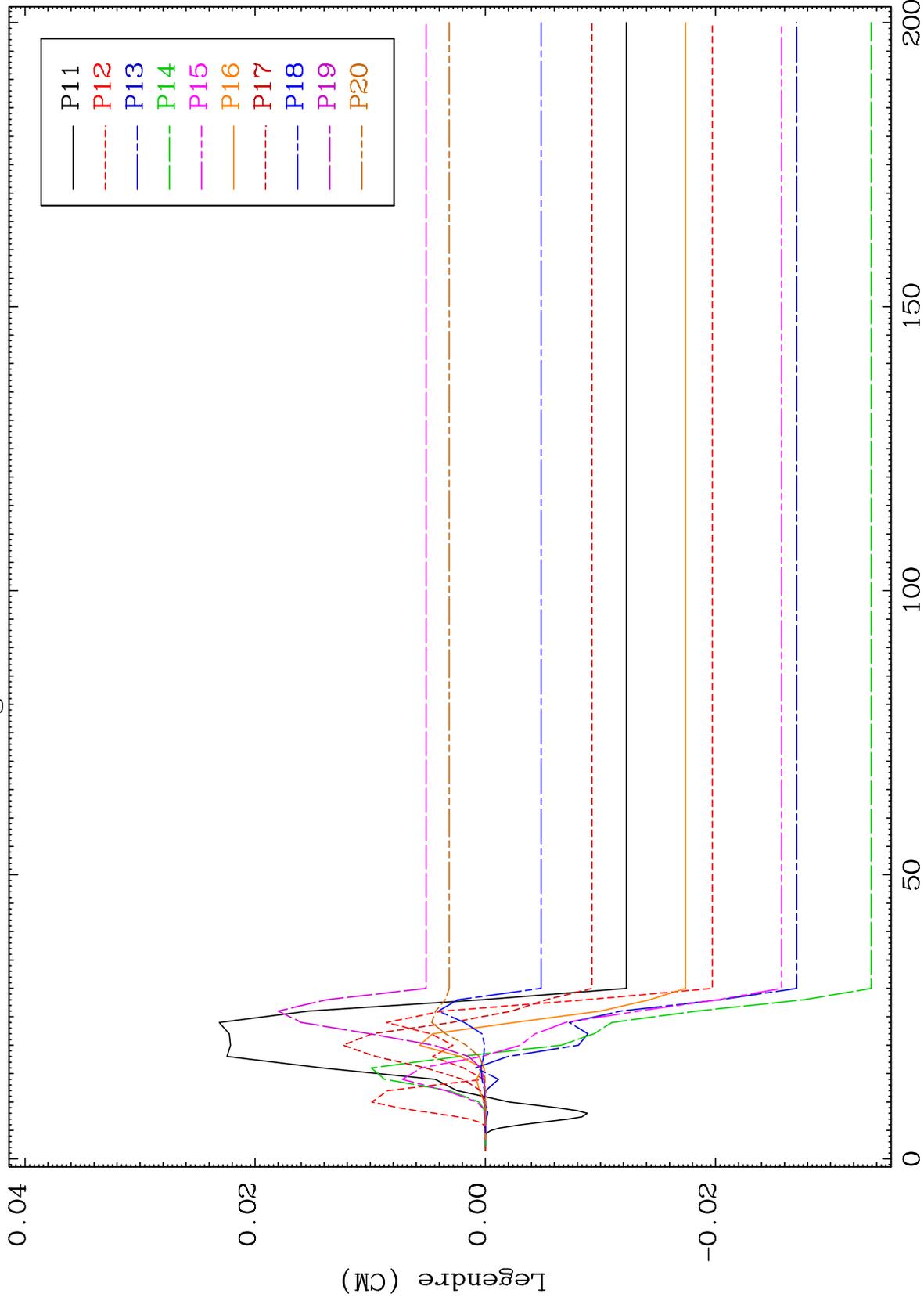
Incident Energy (MeV)

85-At-207

MAT 8537

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

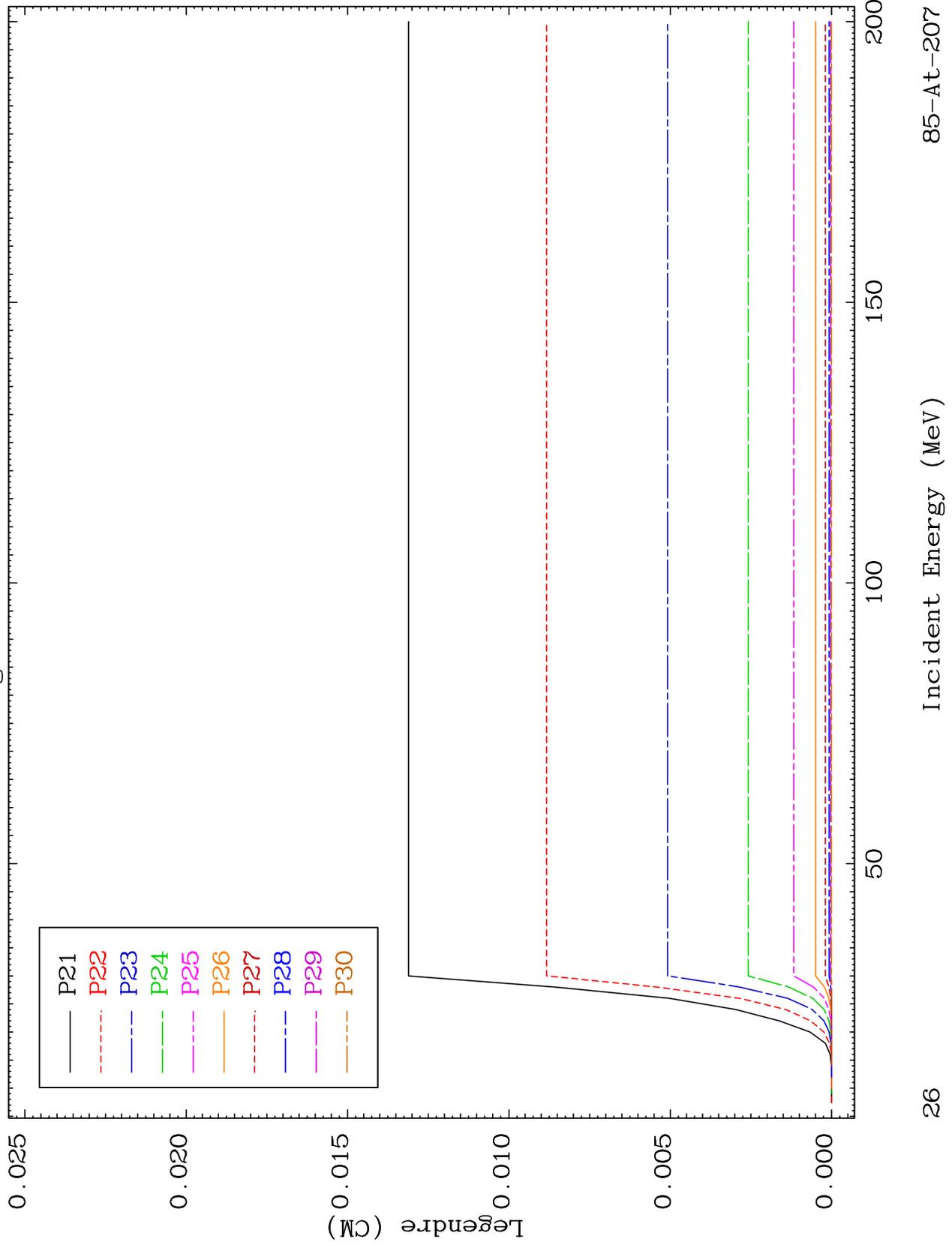
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25

Incident Energy (MeV)

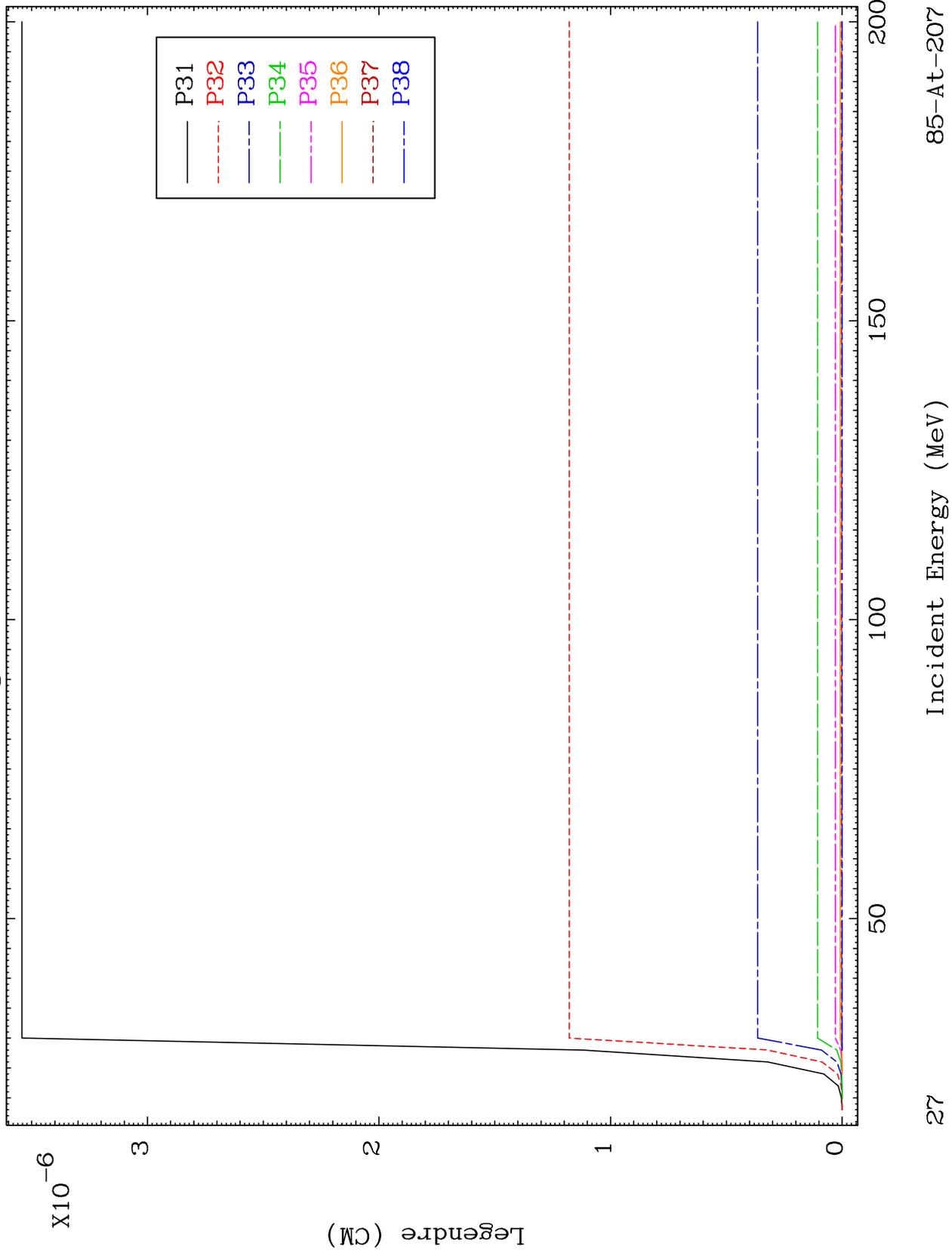
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MAT 8537

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

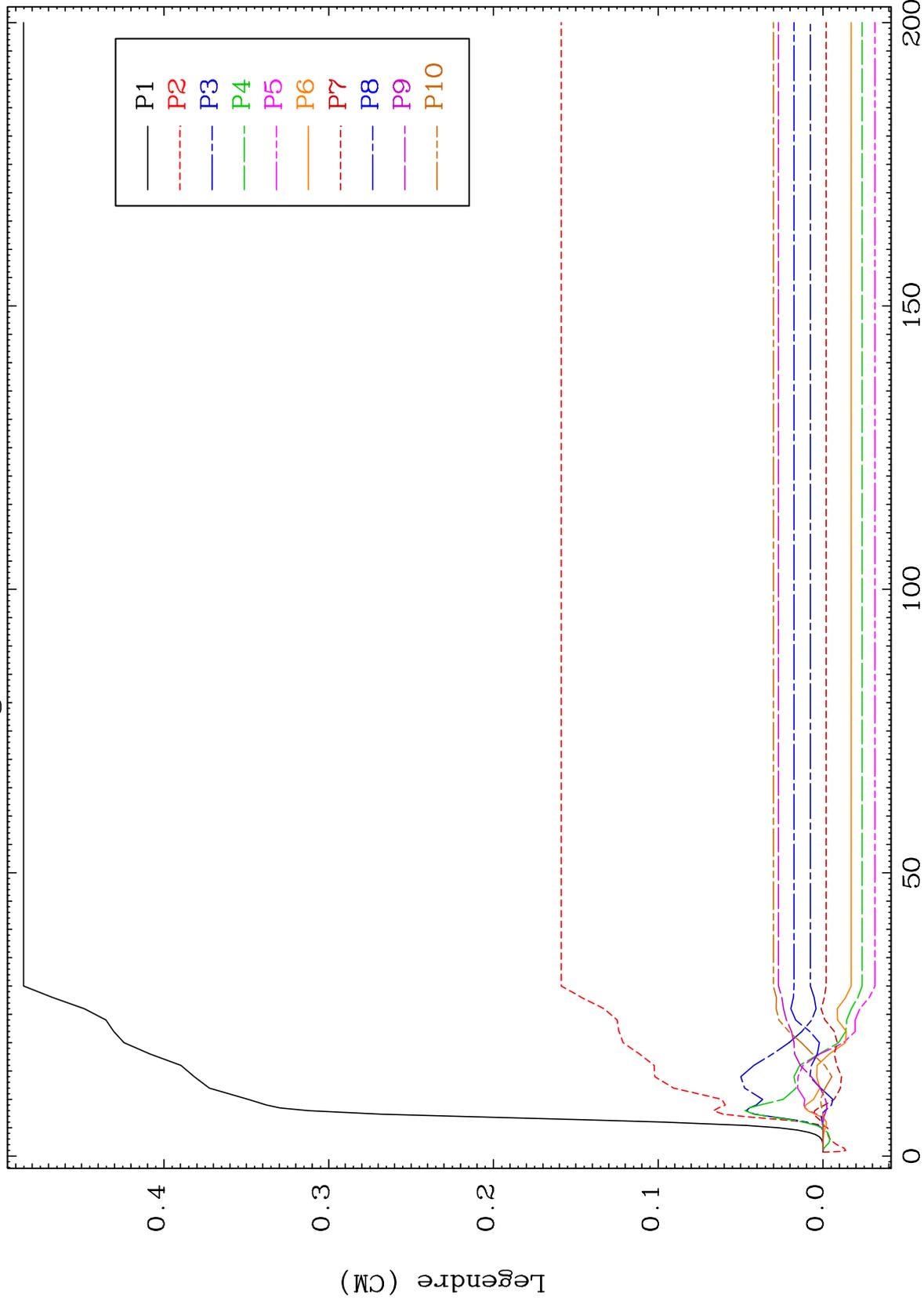
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MAT 8537

MT= 53 (n,n') Level
Legendre Coefficients

85-At-207



28

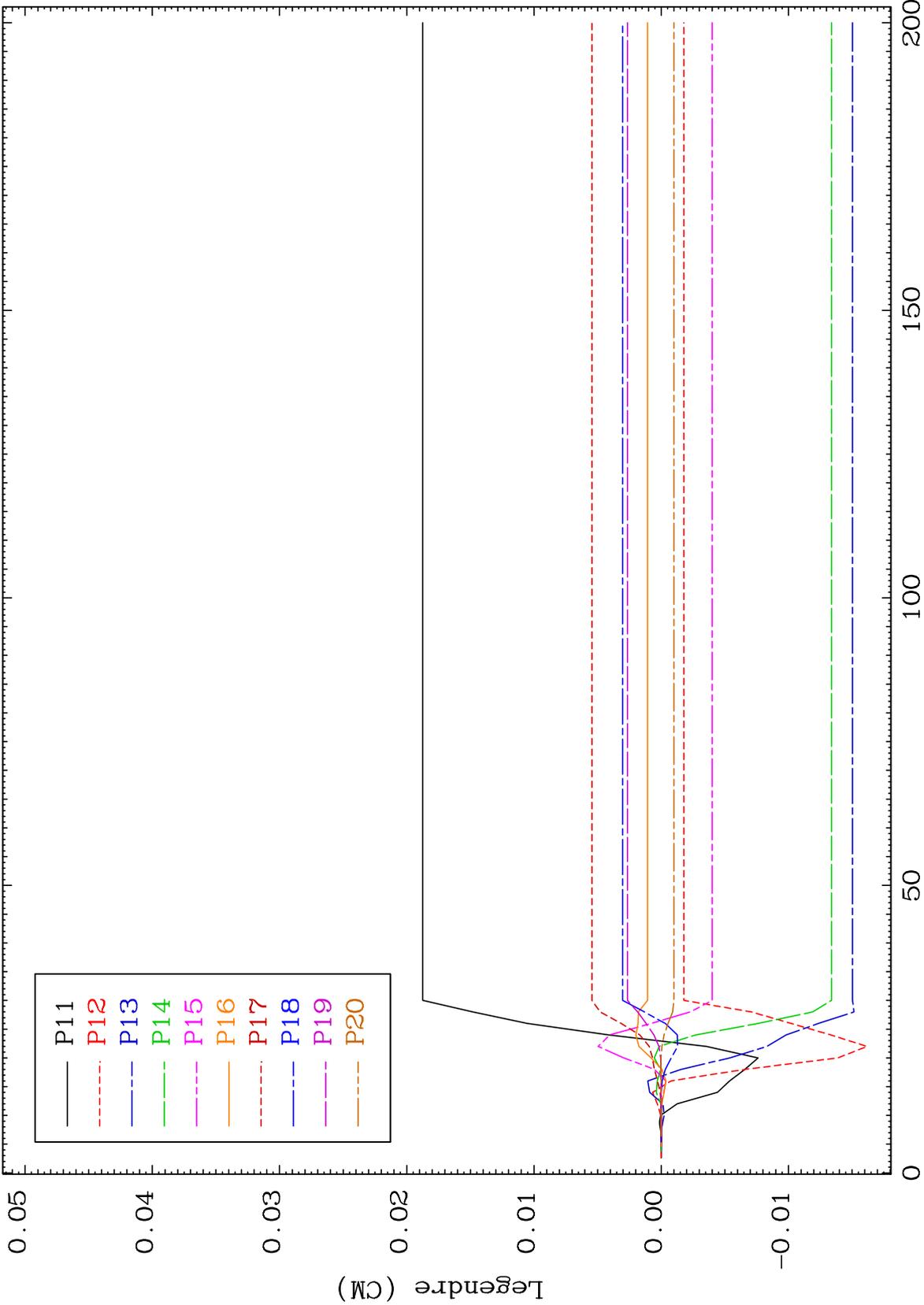
Incident Energy (MeV)

85-At-207

MAT 8537

MT= 53 (n,n') Level
Legendre Coefficients

85-At-207



29

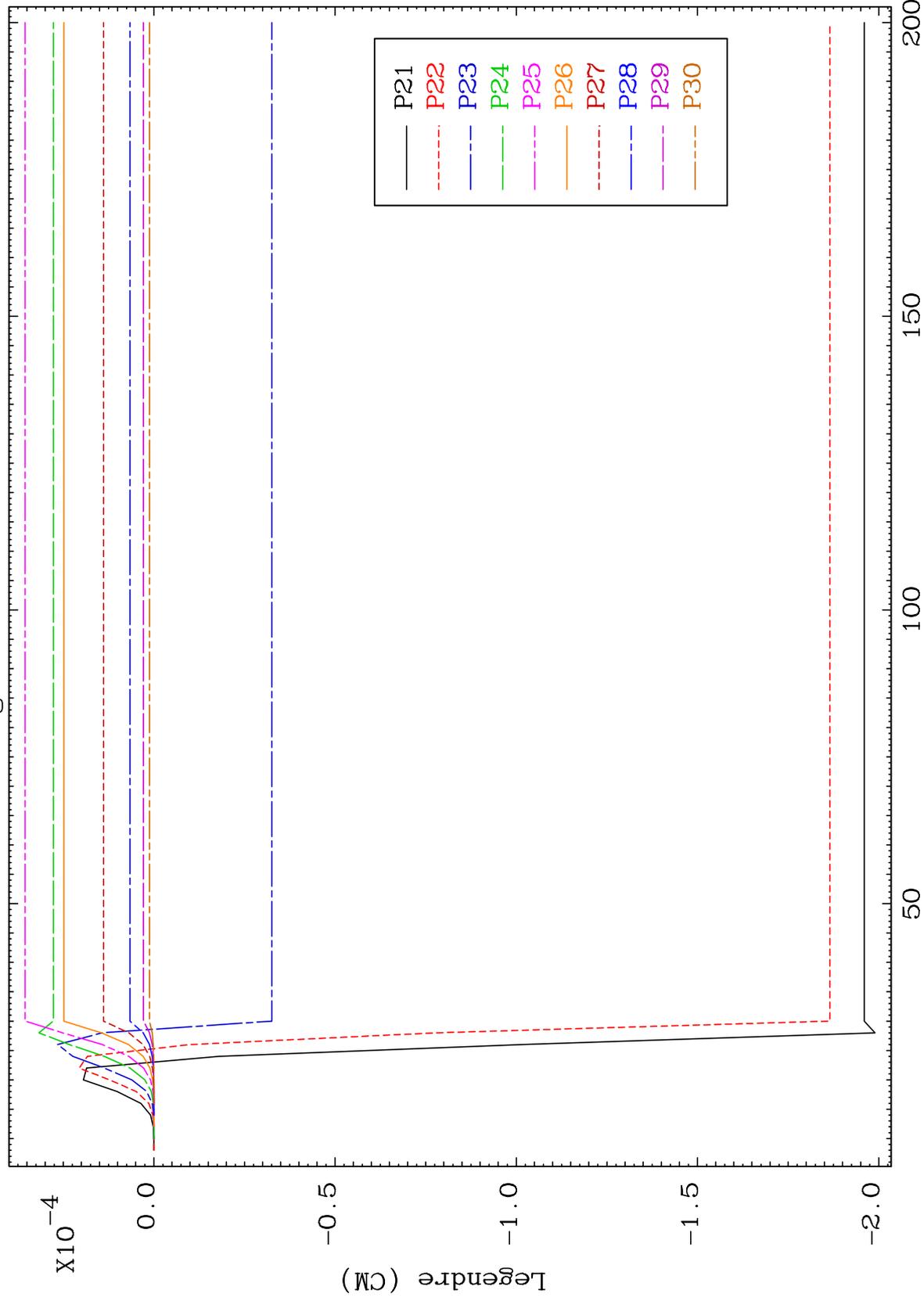
Incident Energy (MeV)

85-At-207

MAT 8537

MT= 53 (n,n') Level
Legendre Coefficients

85-At-207



30

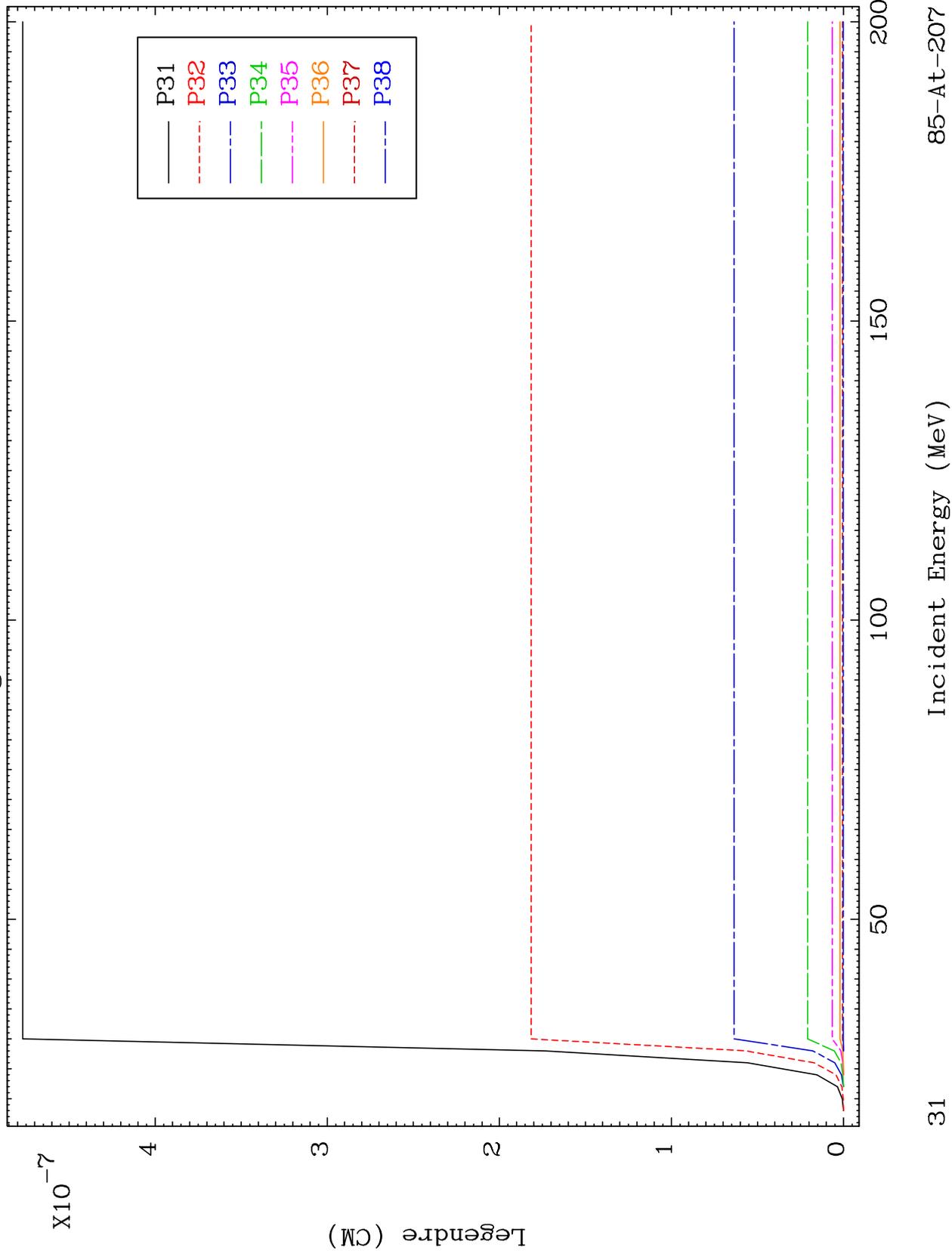
Incident Energy (MeV)

85-At-207

MAT 8537

MT= 53 (n,n') Level
Legendre Coefficients

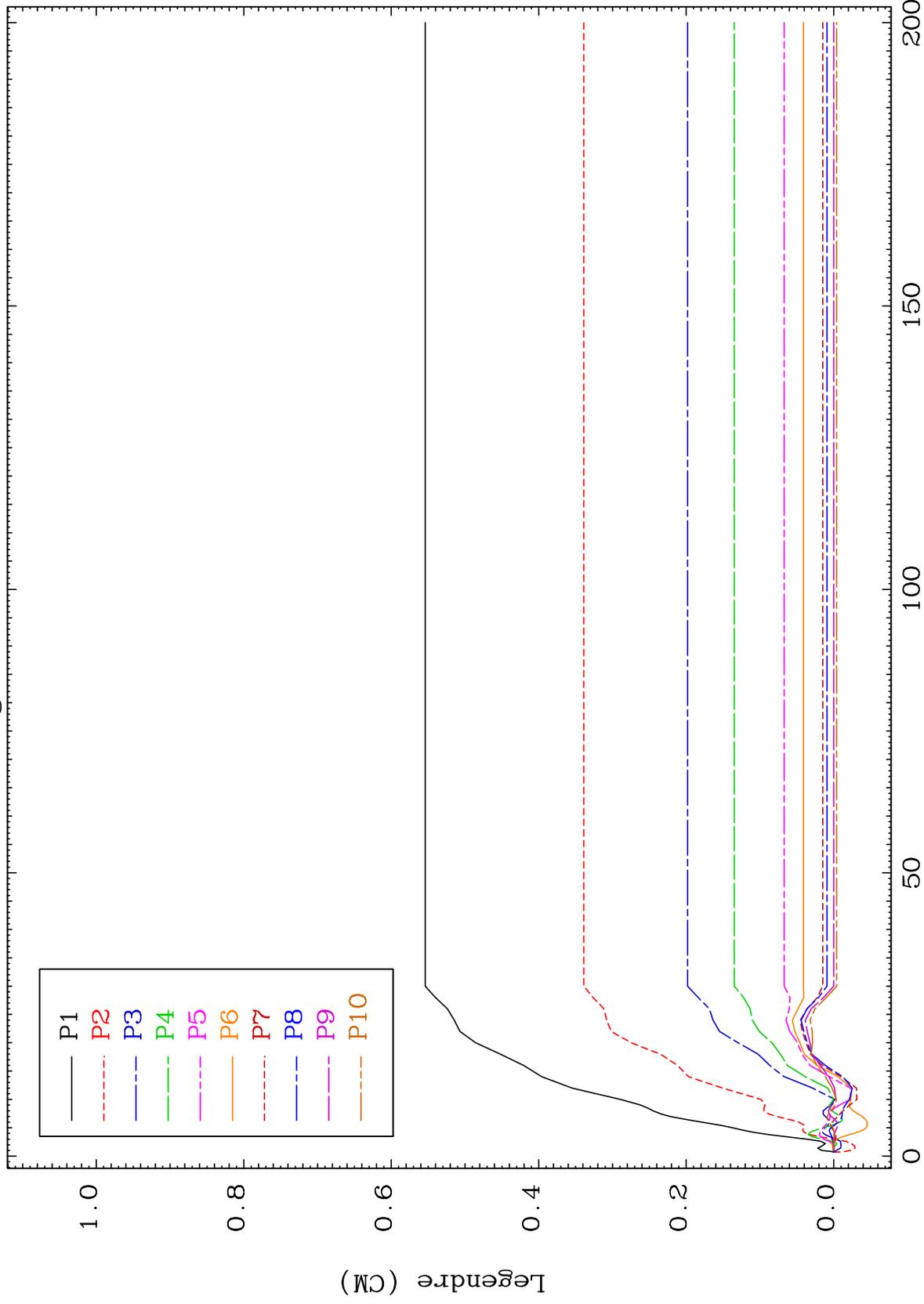
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31

Incident Energy (MeV)

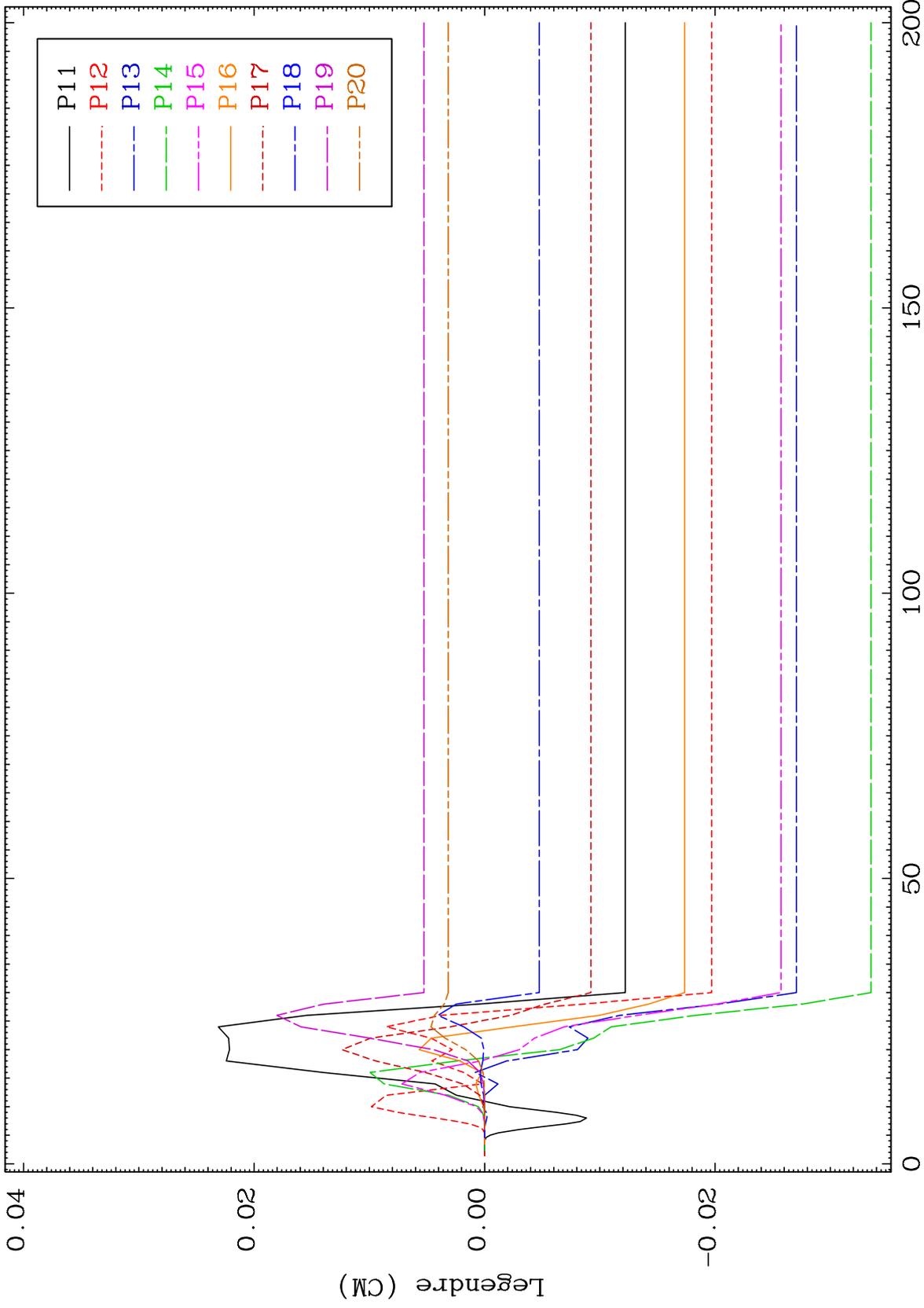
85-At-207



MAT 8537

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

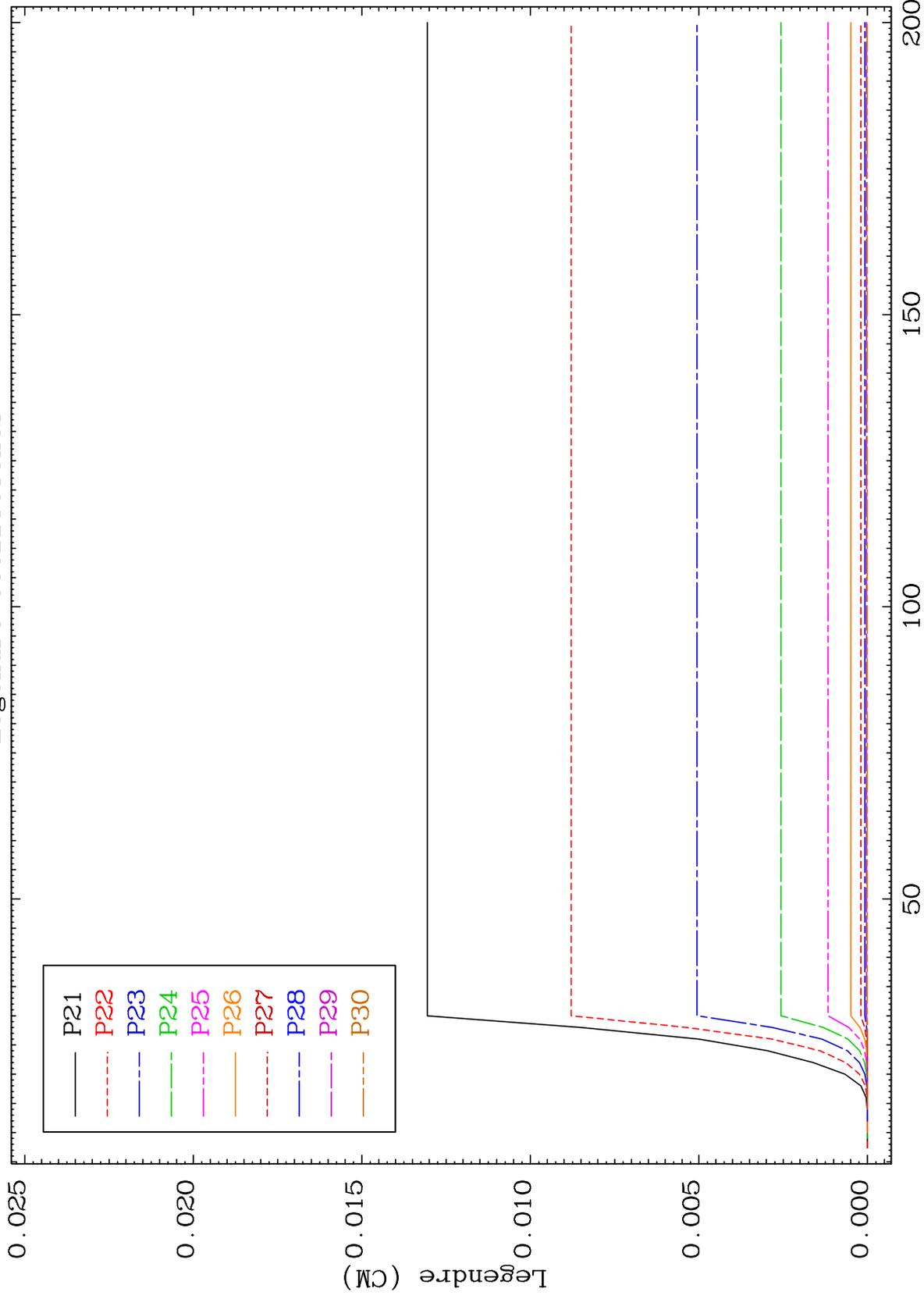
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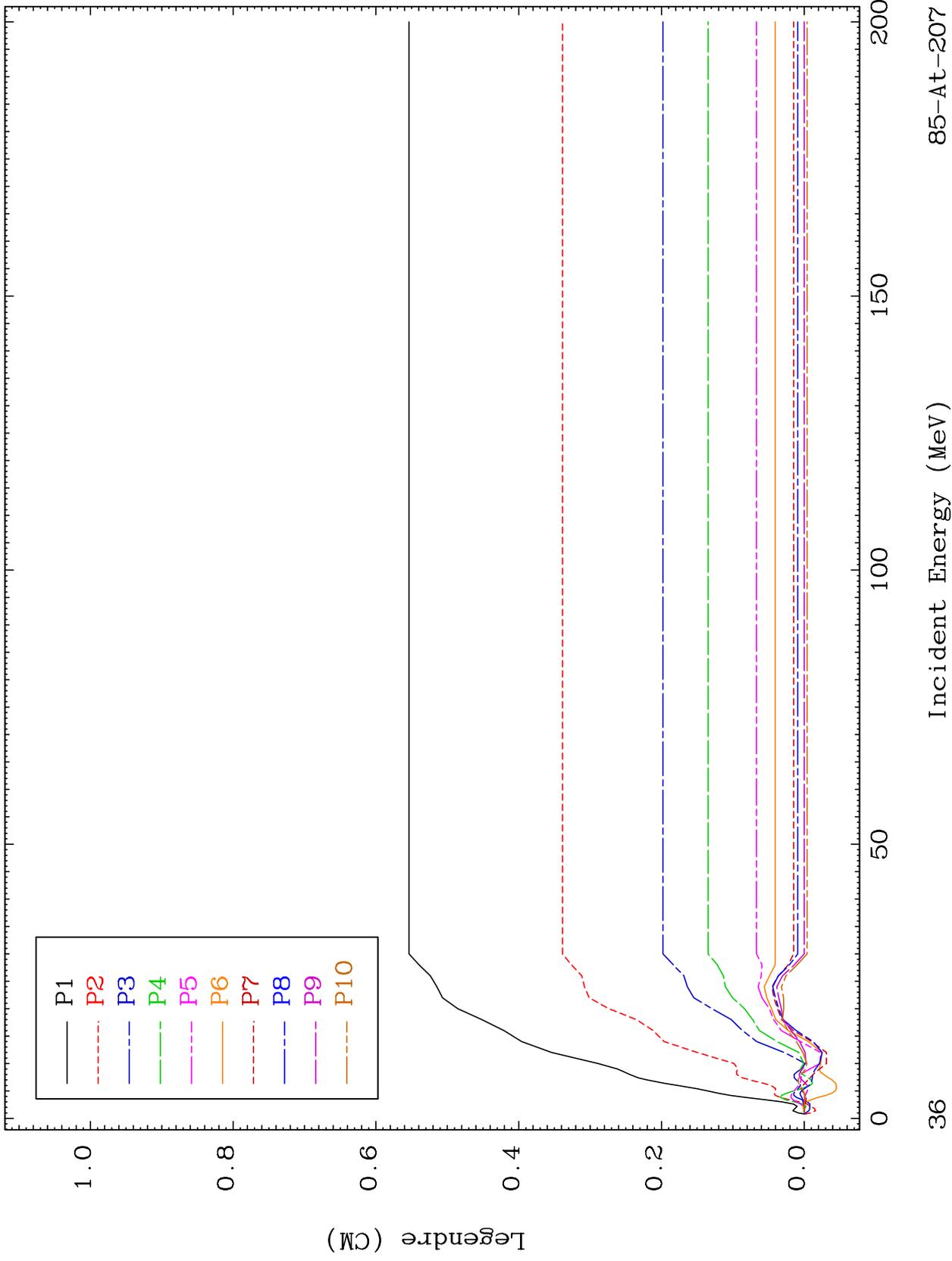


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Incident Energy (MeV)

85-At-207

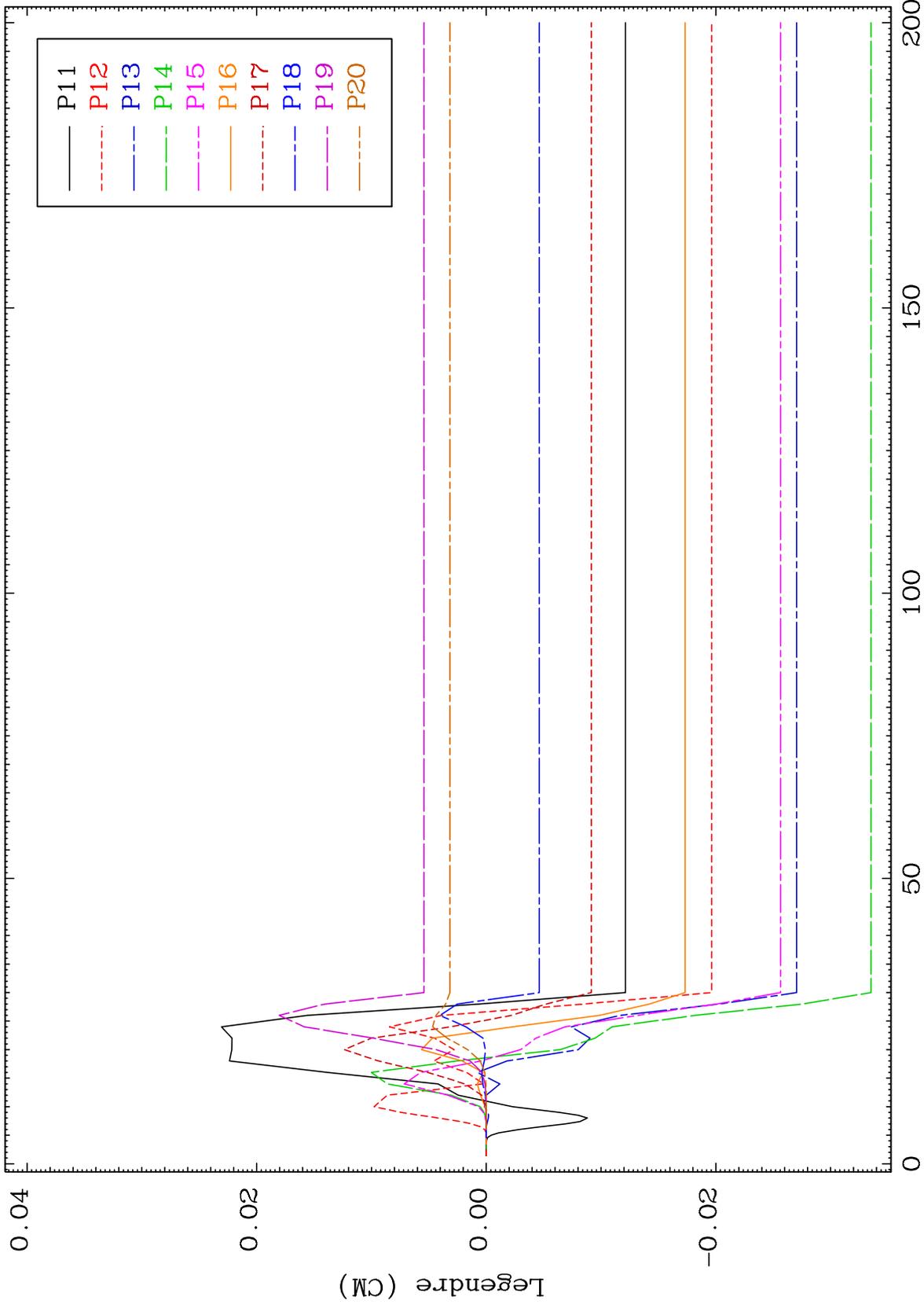




MAT 8537

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

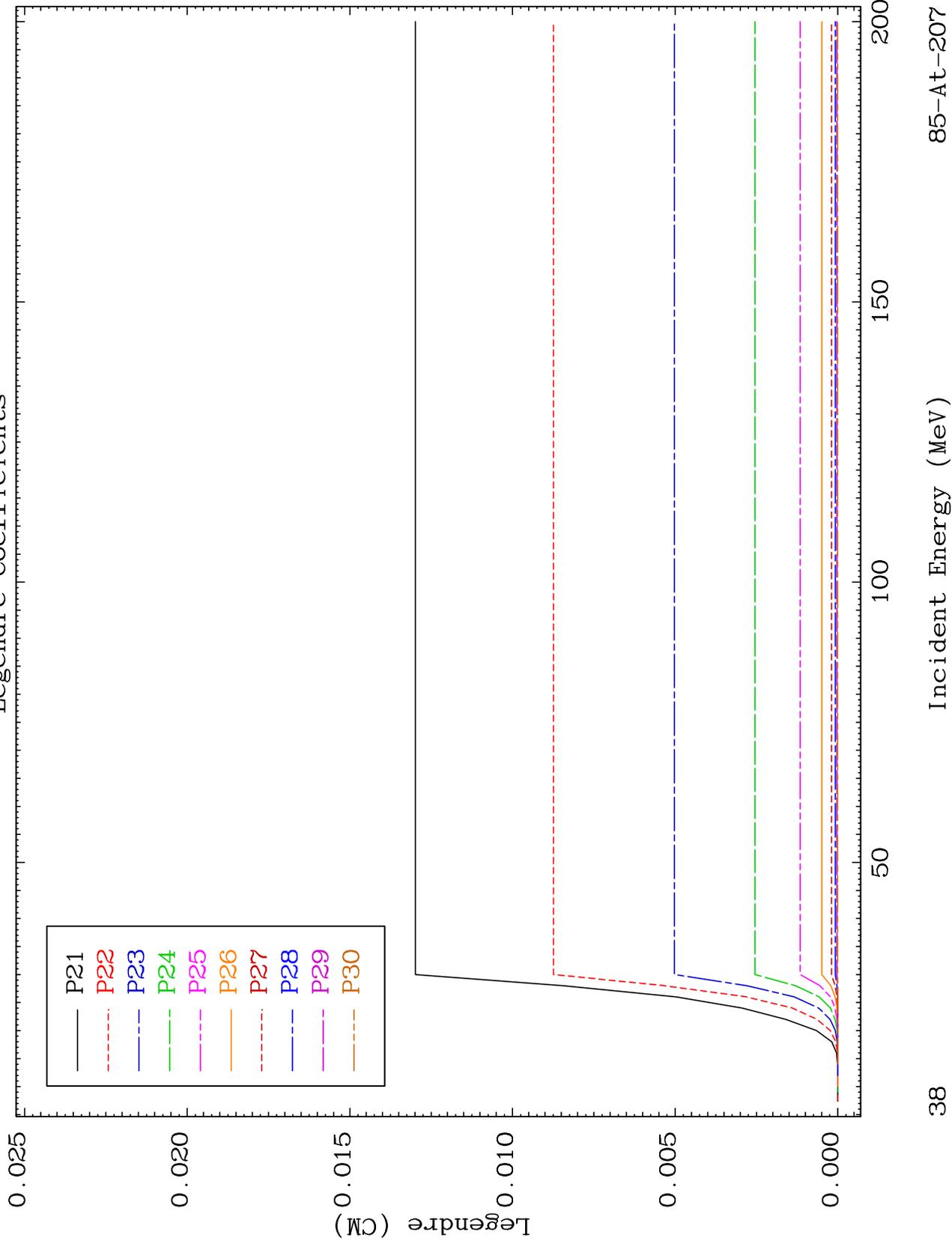
85-At-207



37

Incident Energy (MeV)

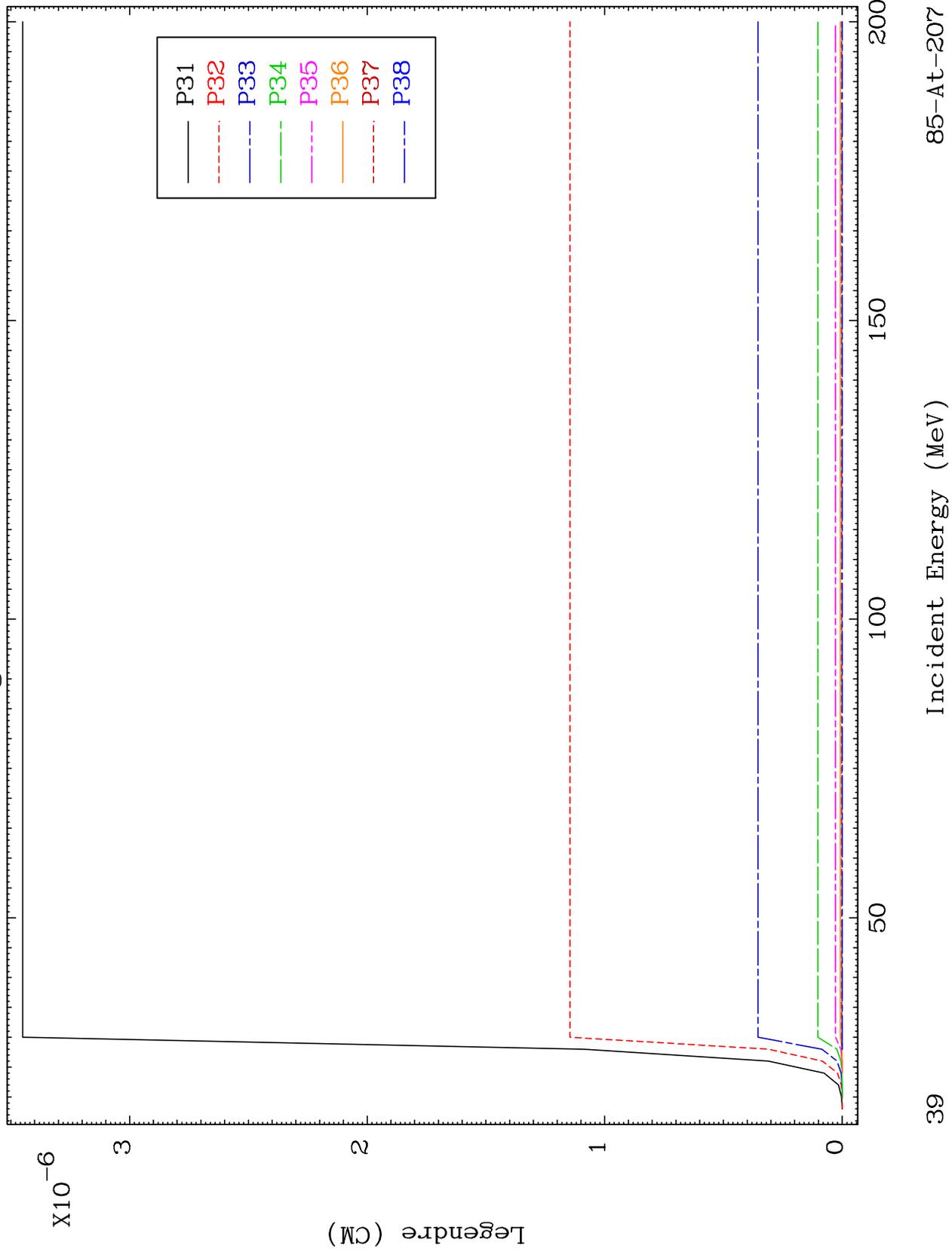
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MAT 8537

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

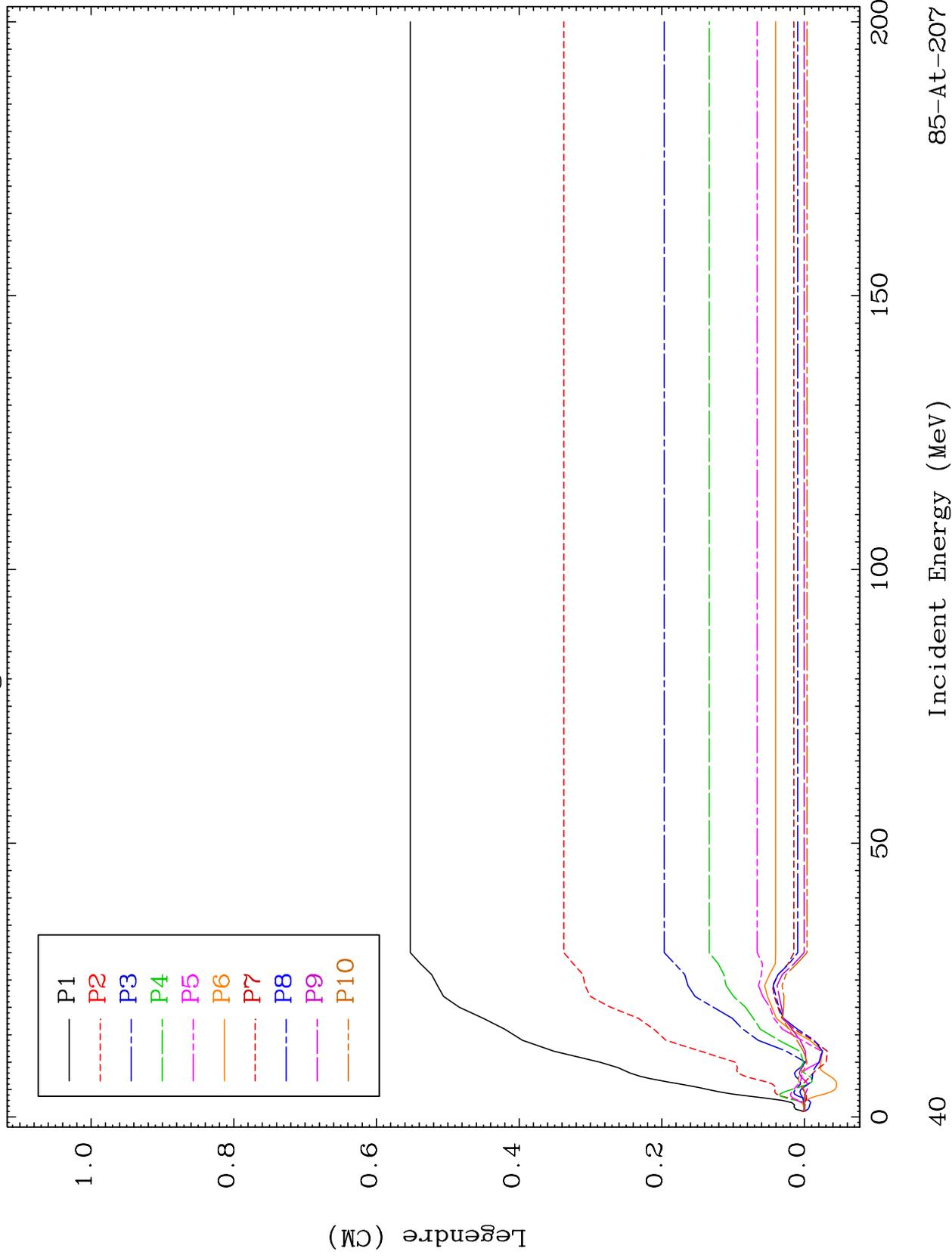
85-At-207



MAT 8537

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

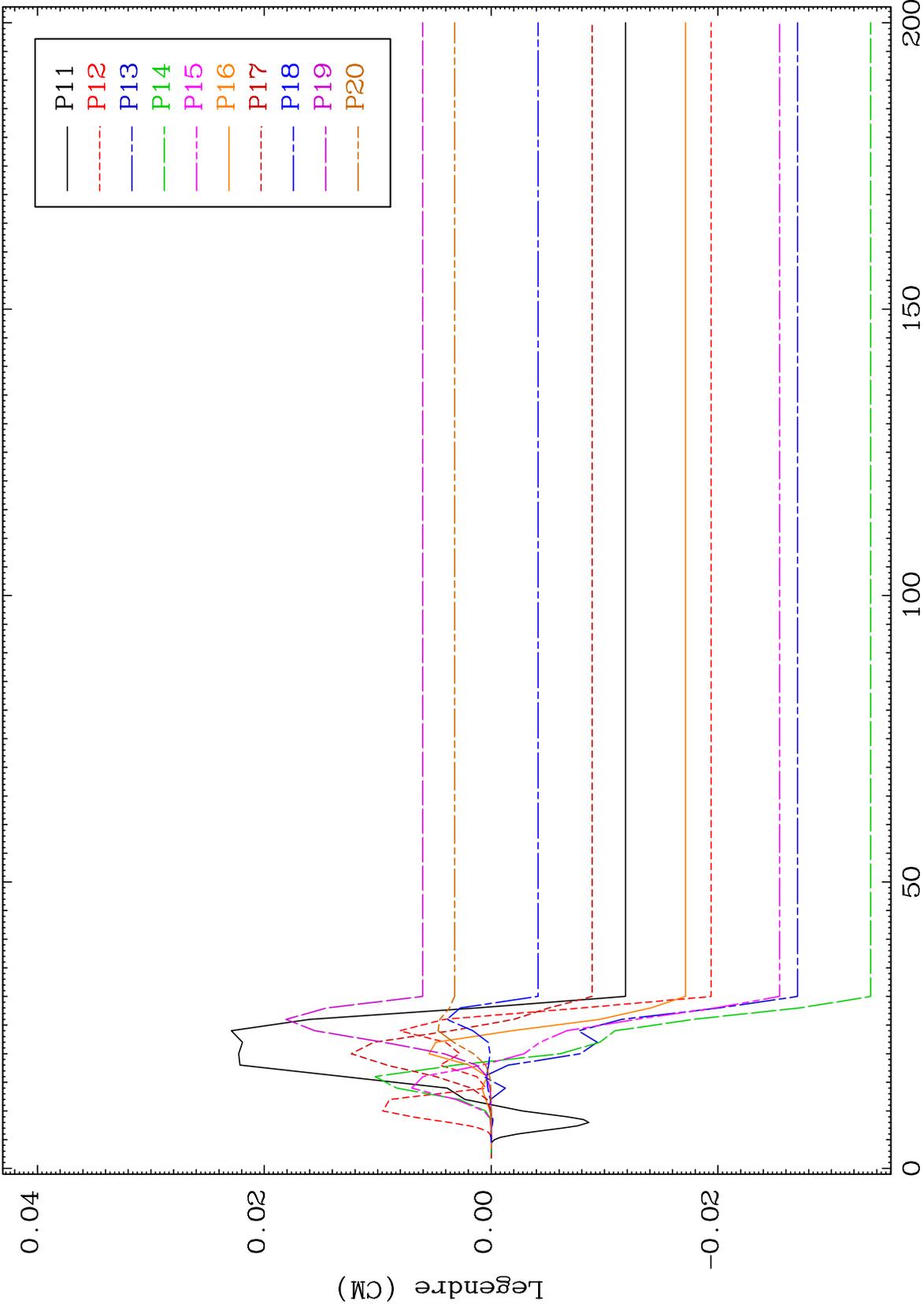
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MAT 8537

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

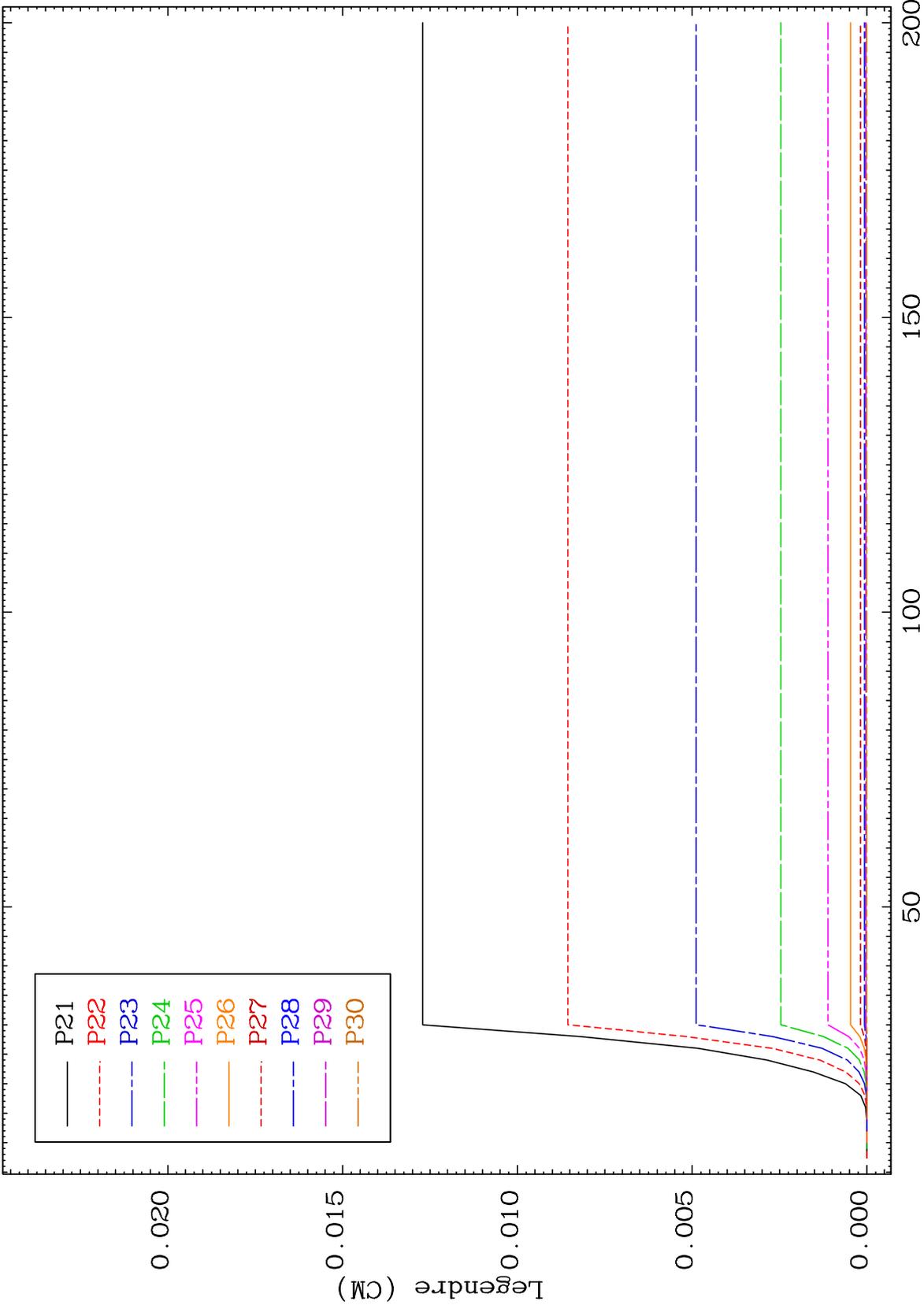
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MAT 8537

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

85-At-207



42

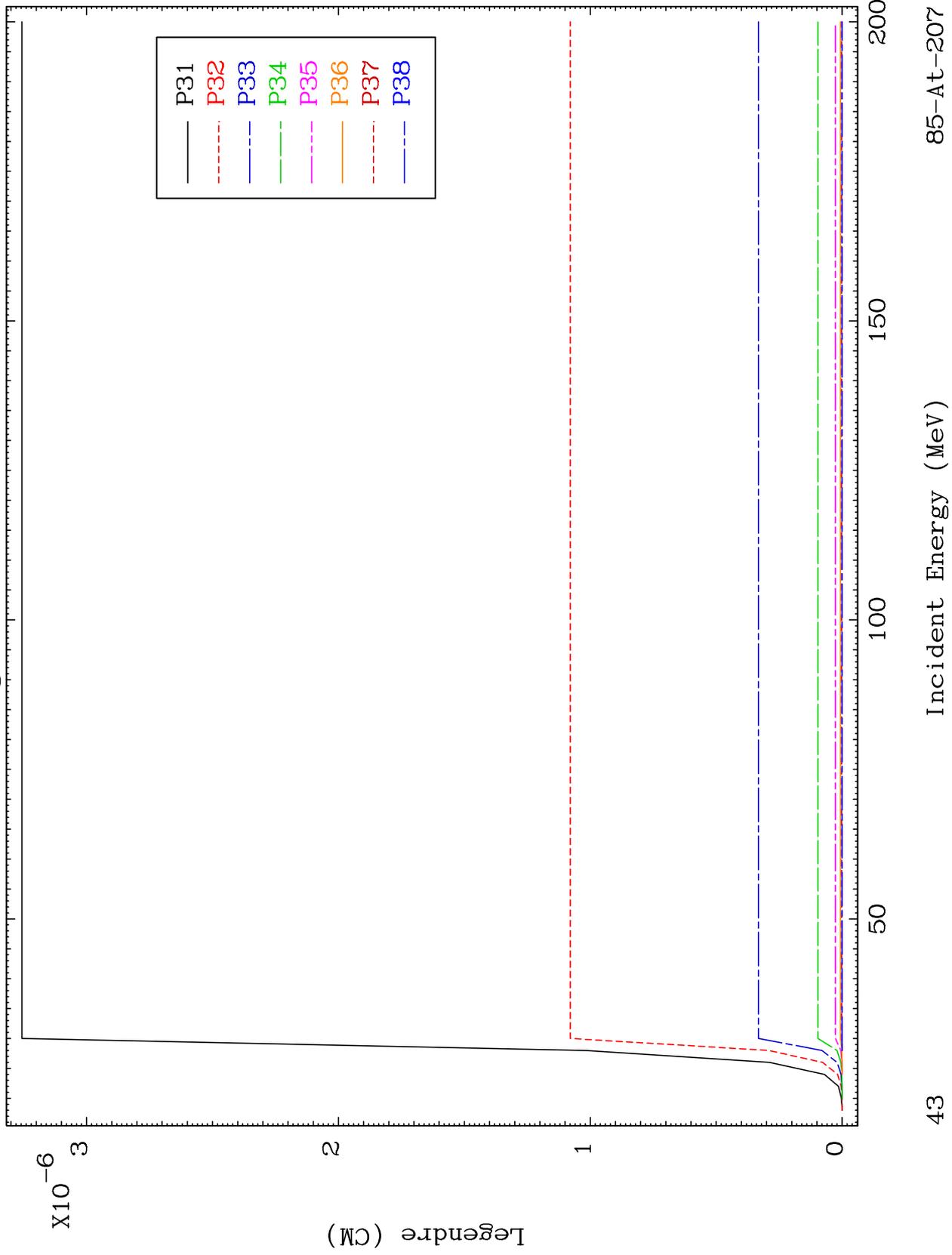
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



43

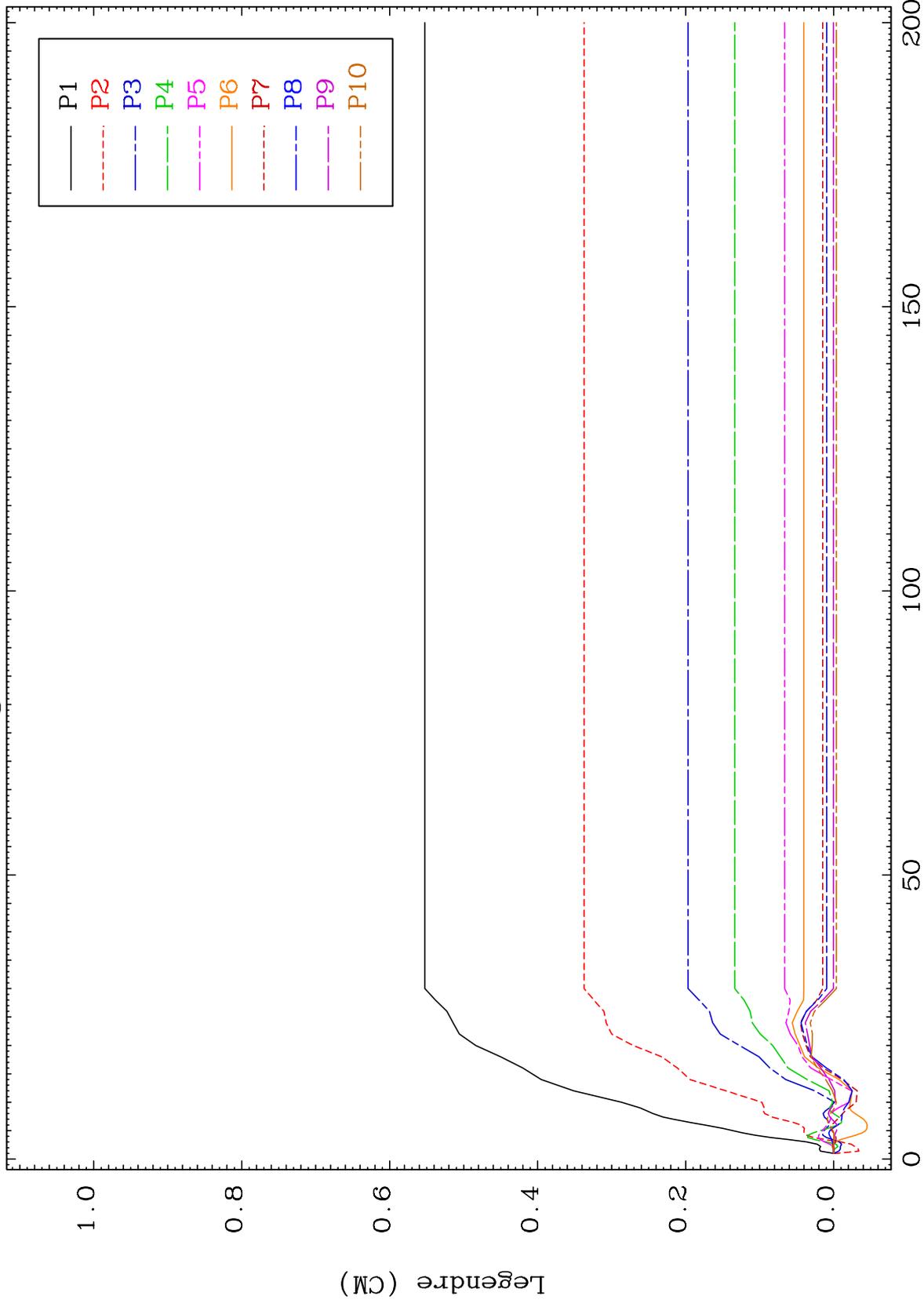
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



44

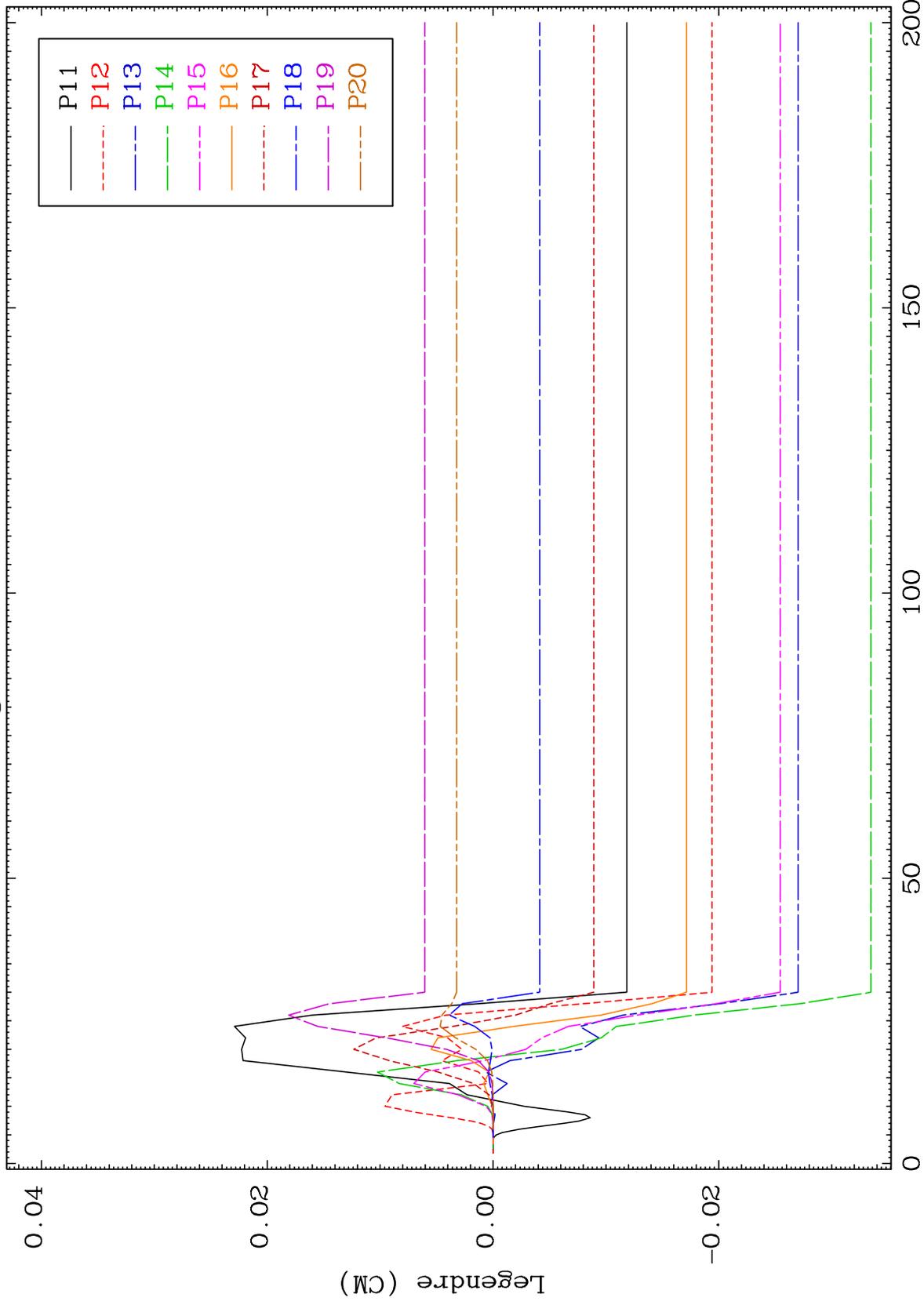
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85-At-207

MAT 8537

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

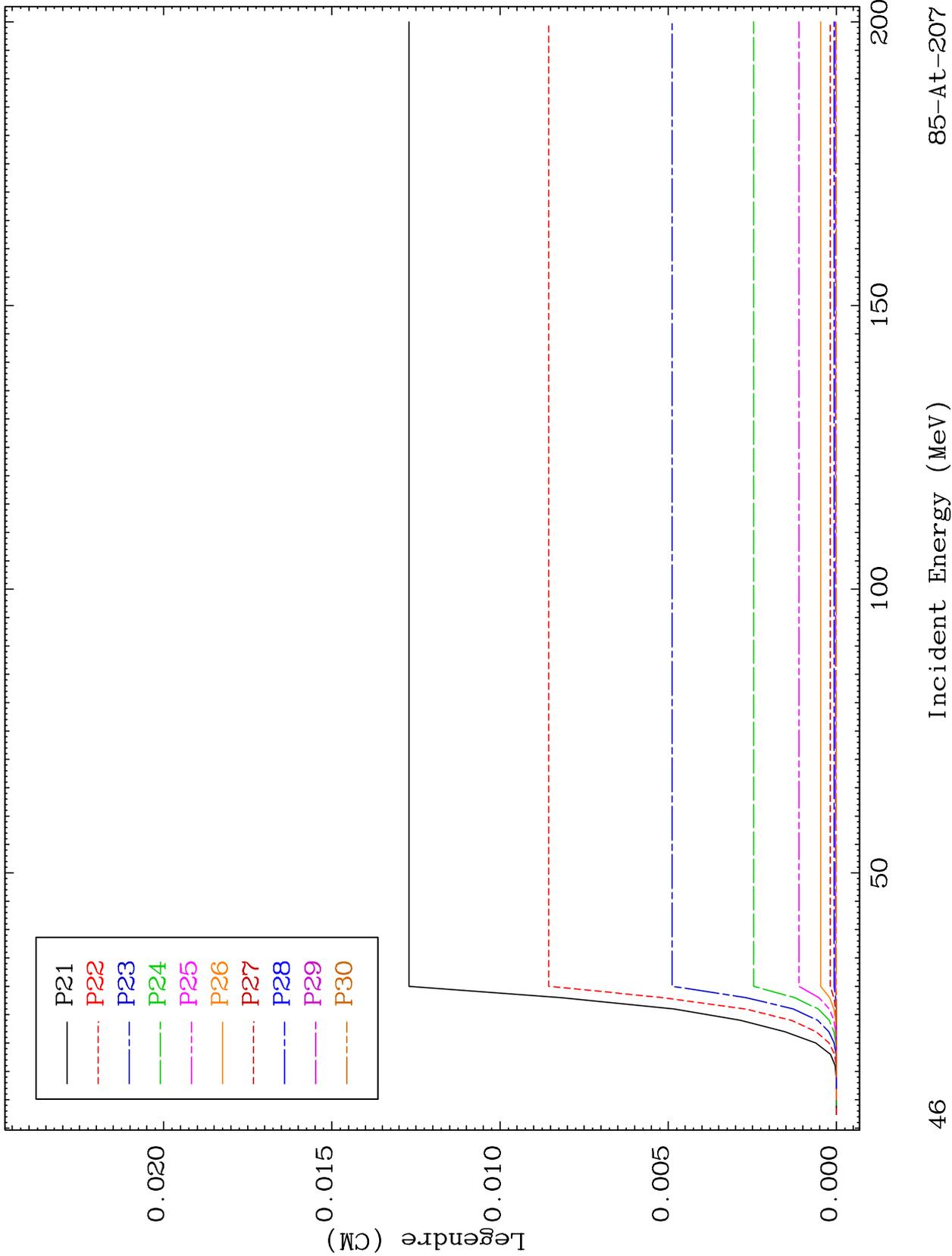
85-At-207



85-At-207

Incident Energy (MeV)

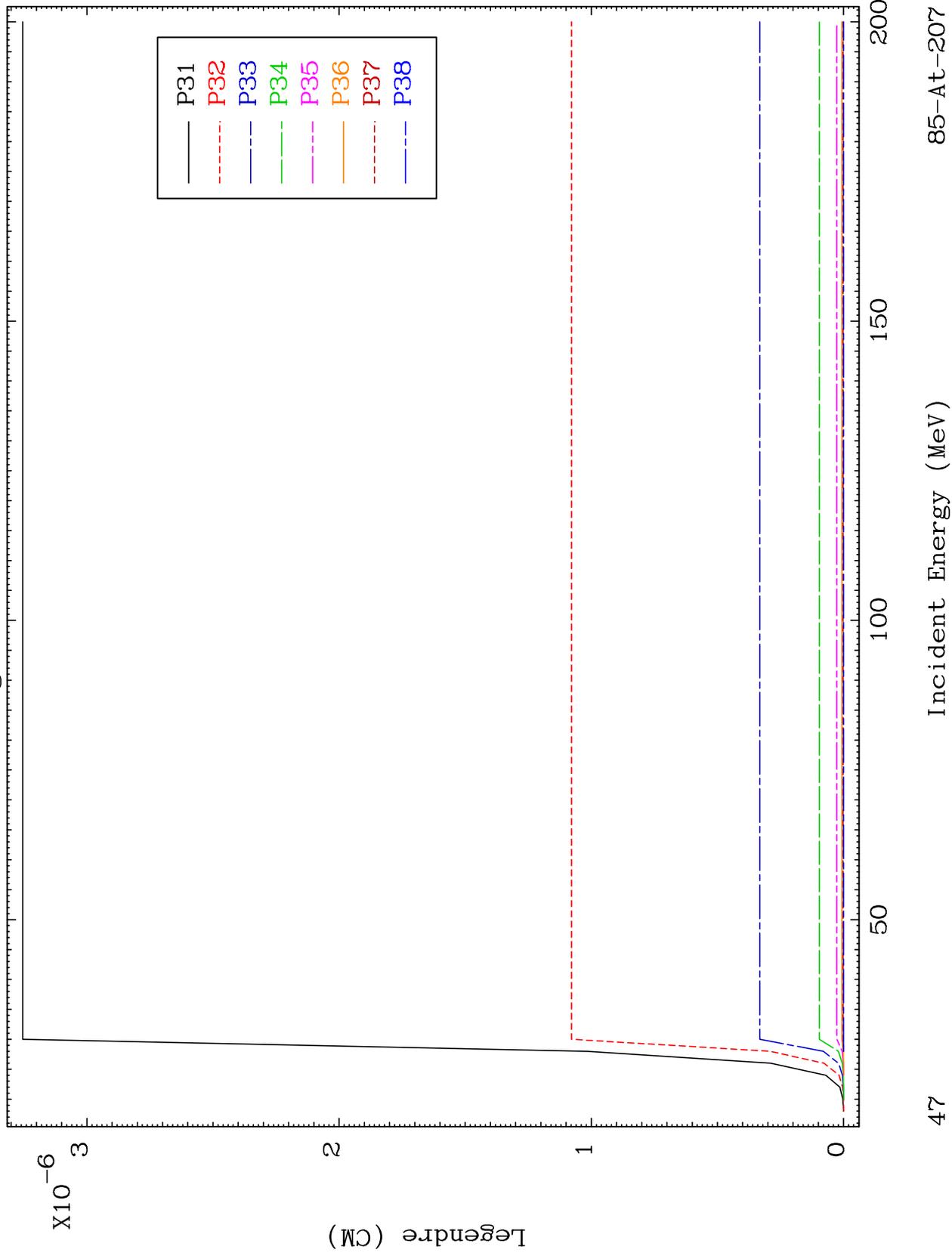
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MAT 8537

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

85-At-207



47

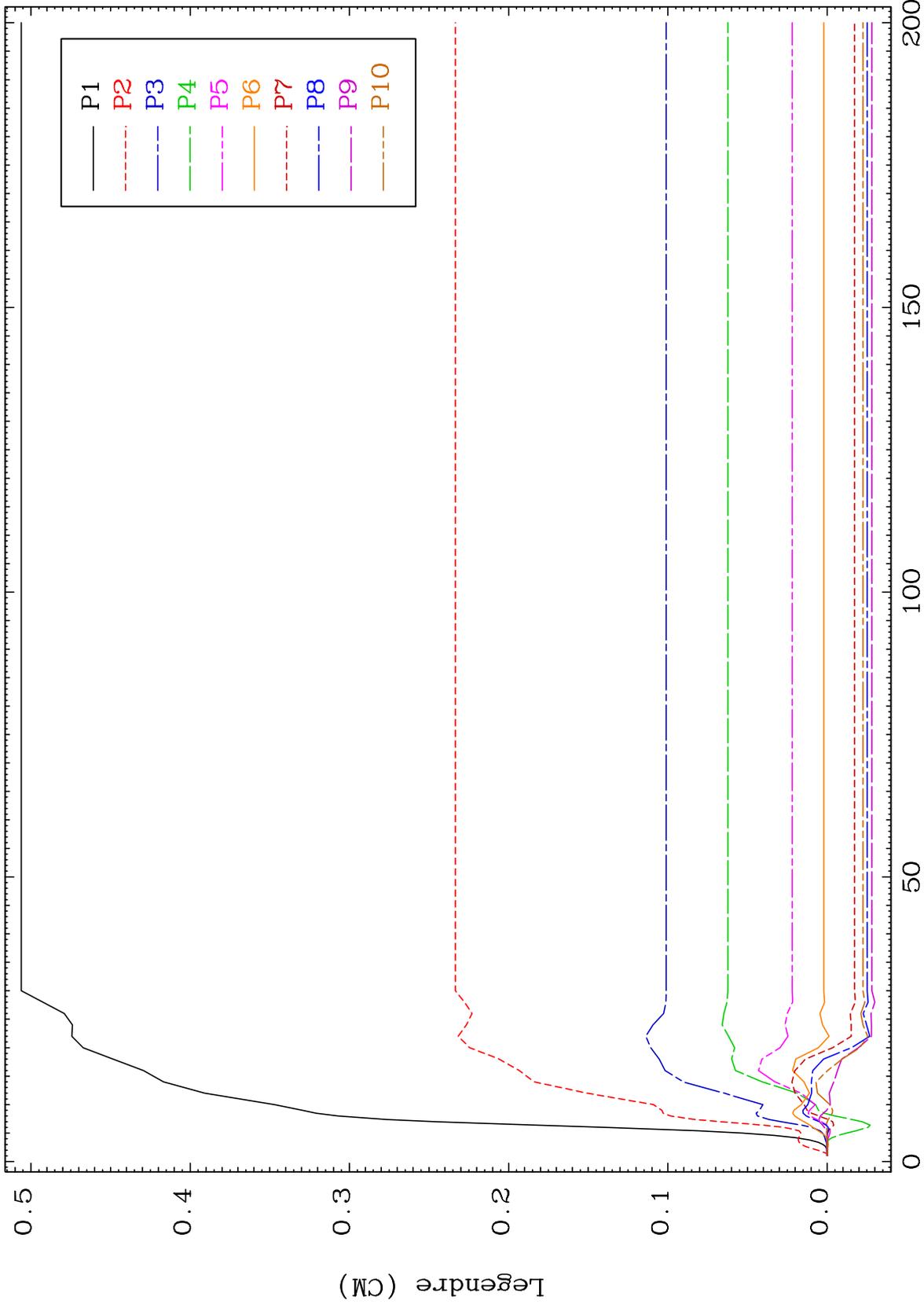
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



48

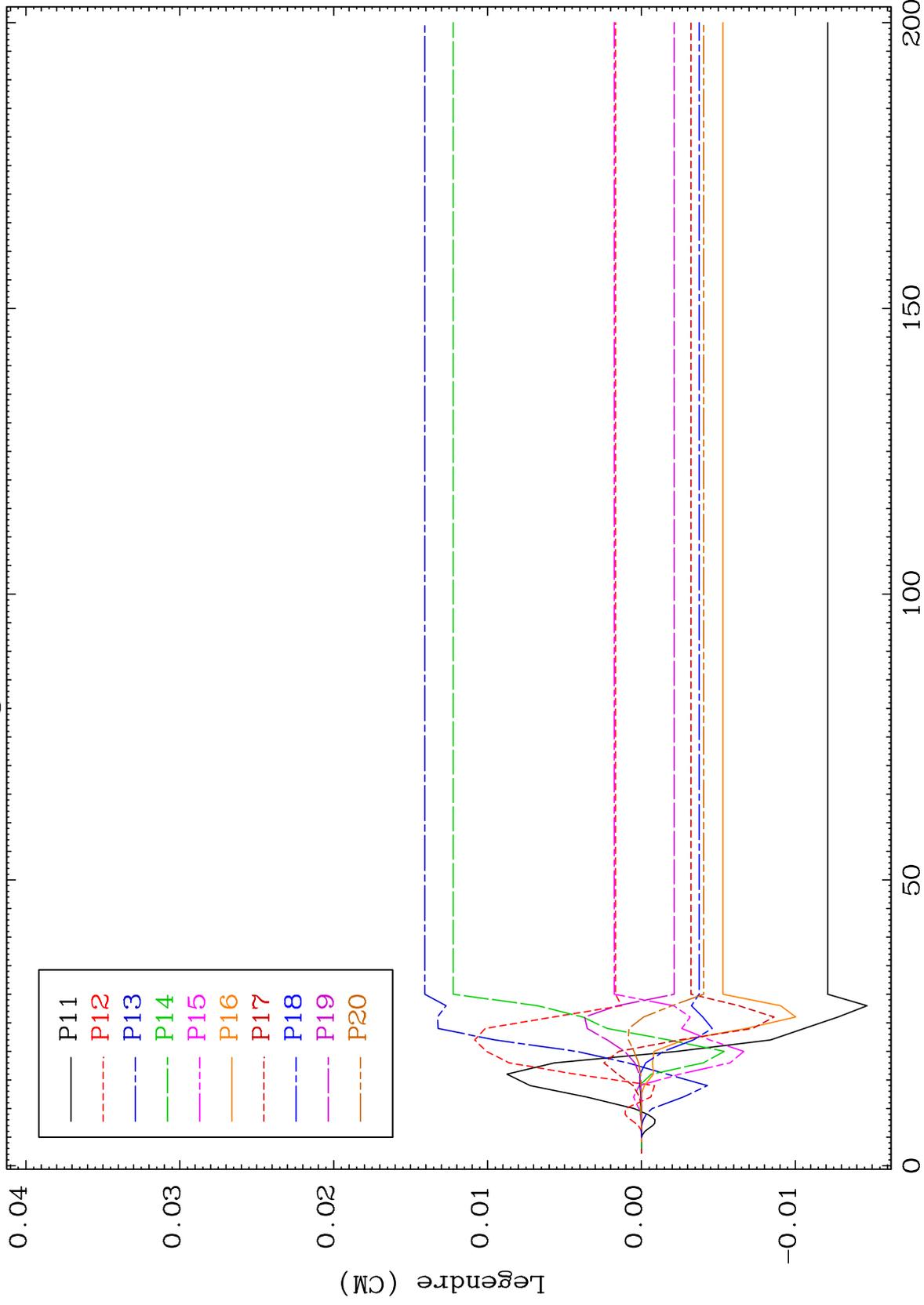
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



49

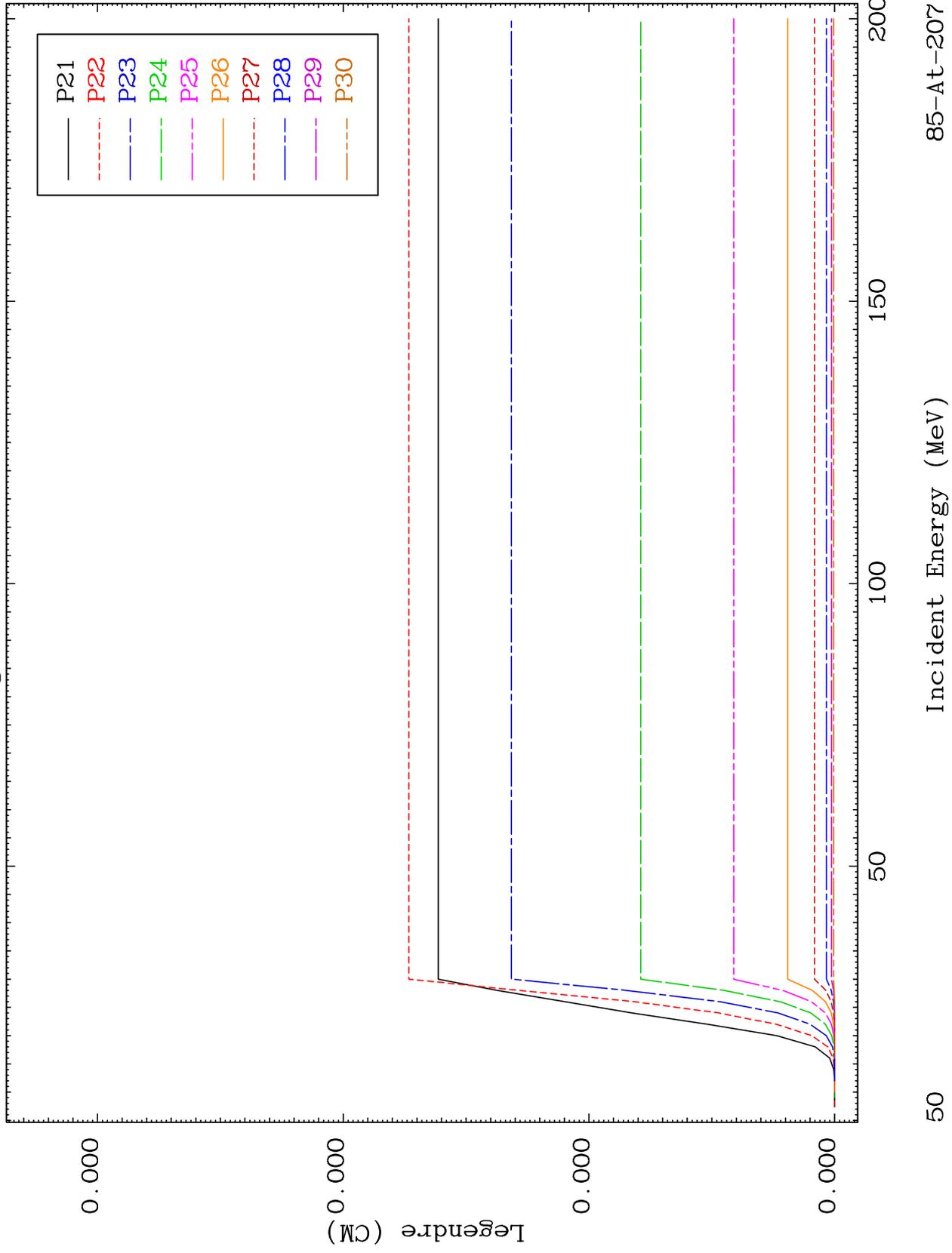
Incident Energy (MeV)

85-At-207

MAT 8537

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

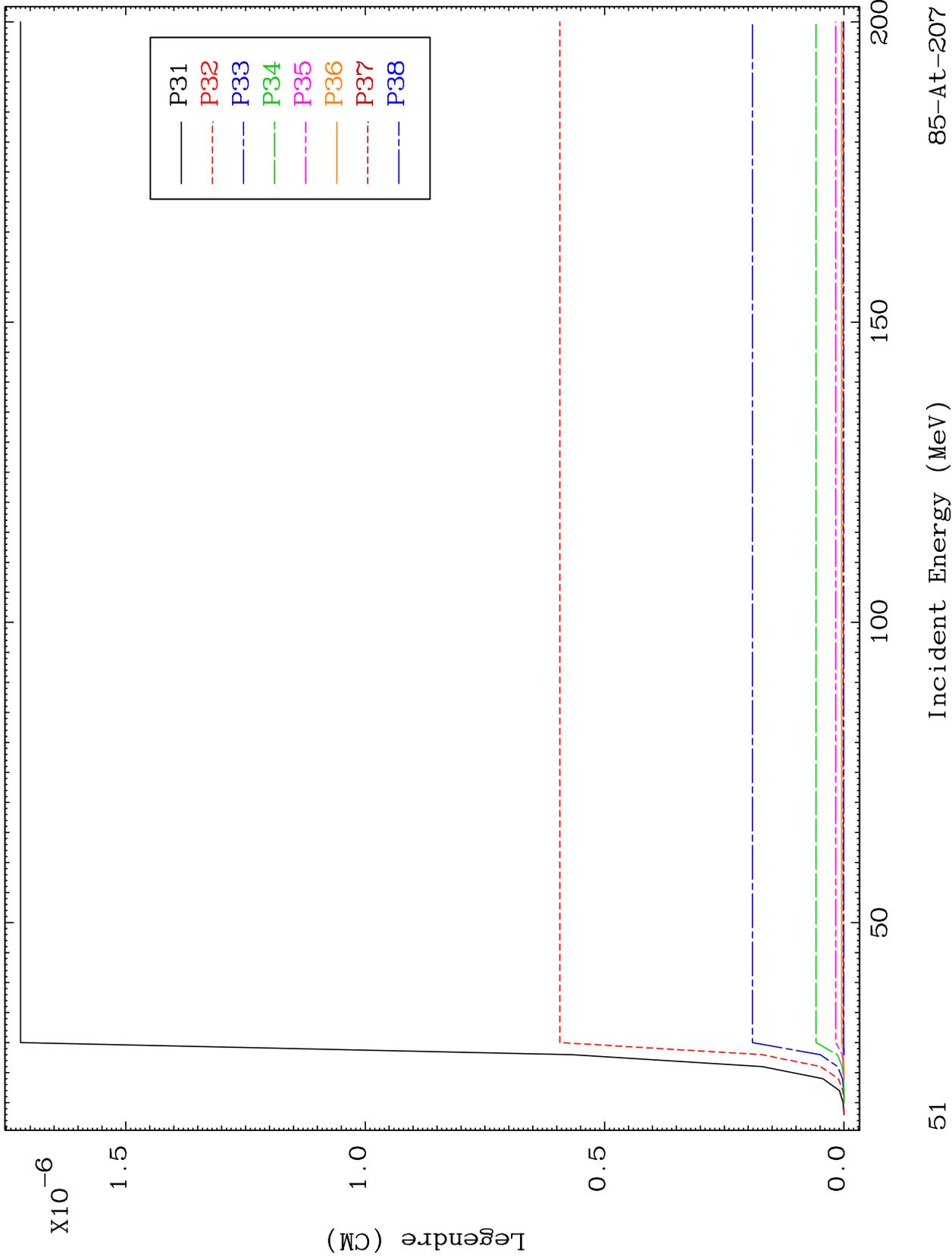
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85-At-207

Incident Energy (MeV)

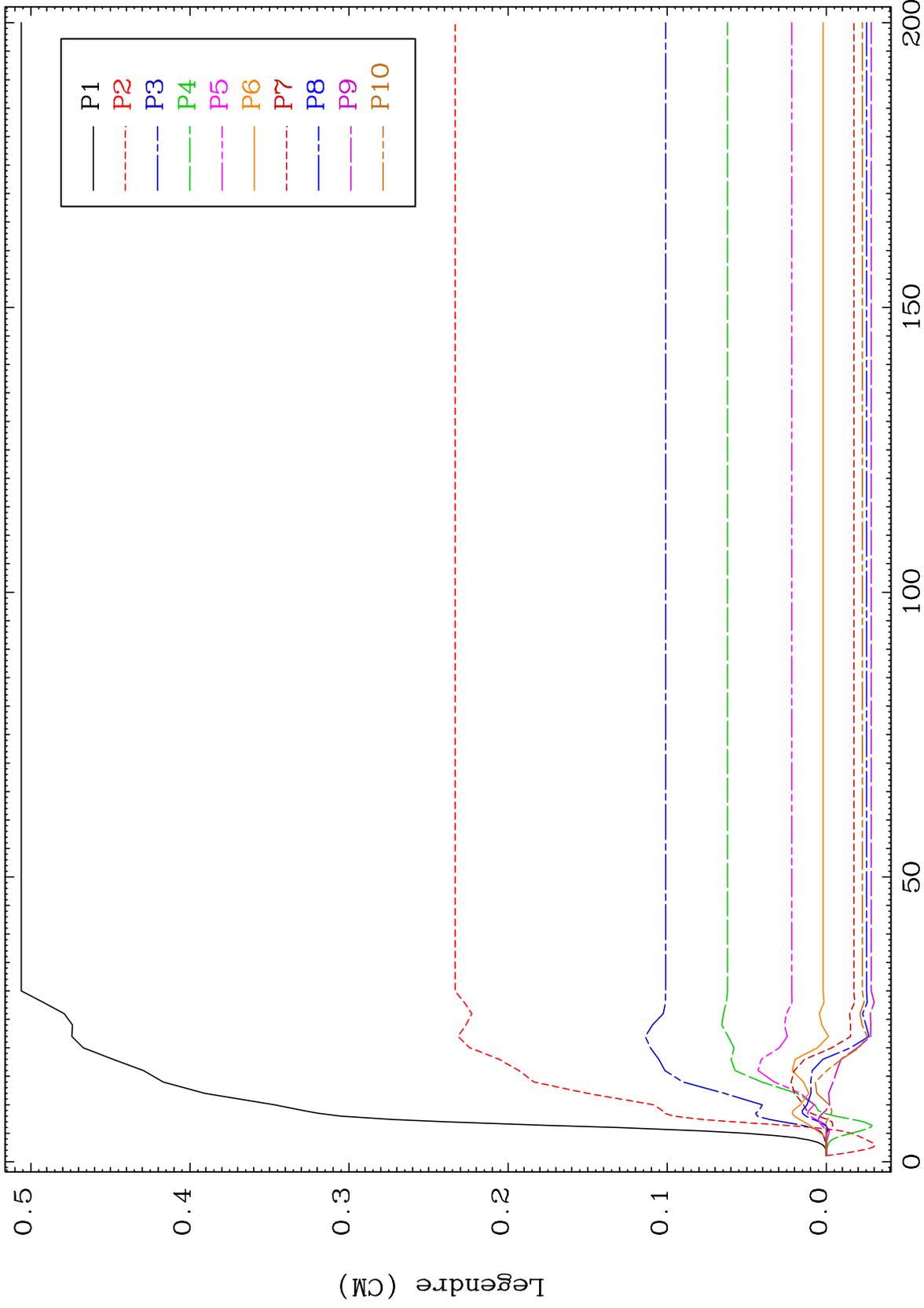
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MAT 8537

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

85-At-207



52

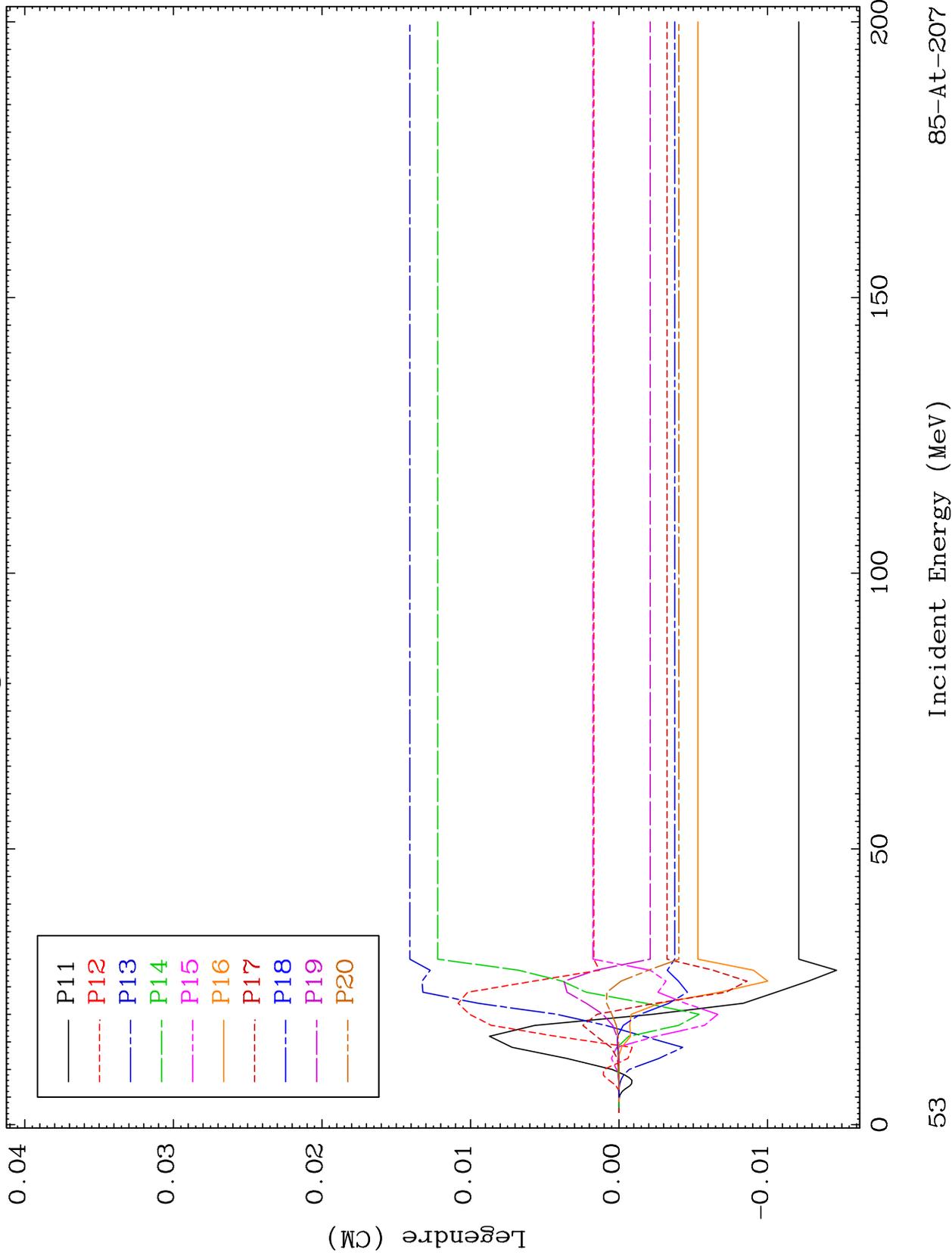
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



85-At-207

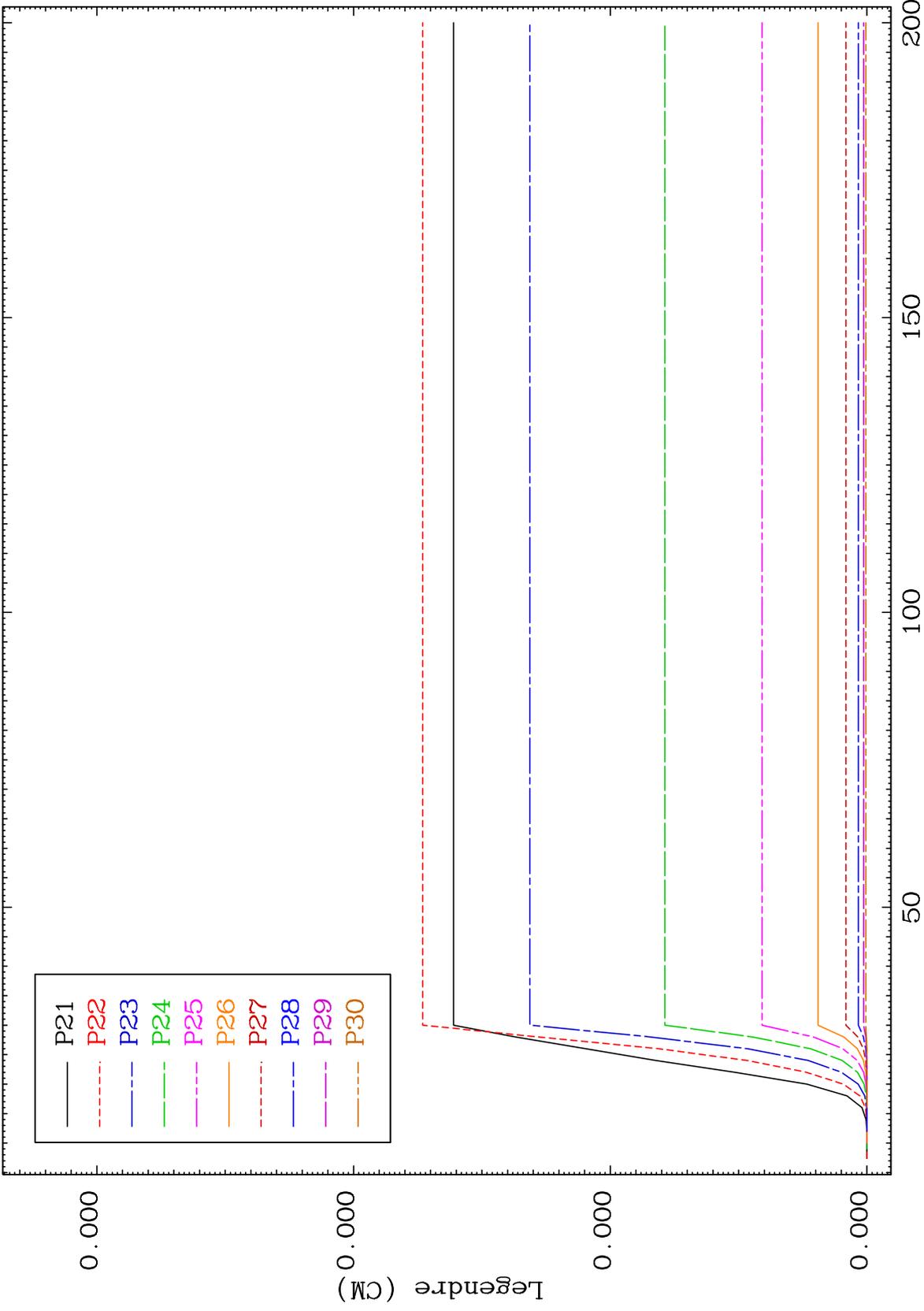
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MAT 8537

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

85-At-207



54

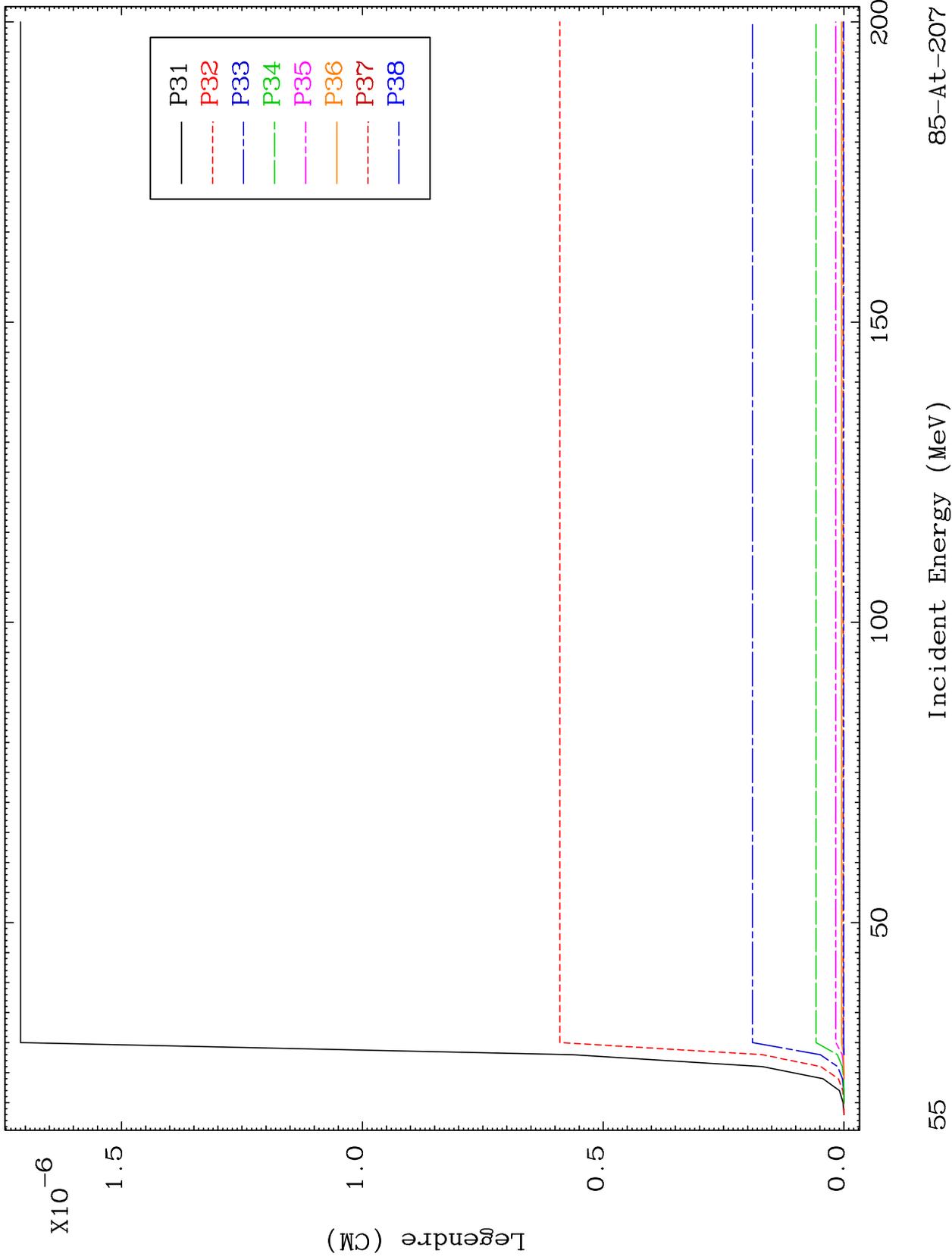
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



55

Incident Energy (MeV)

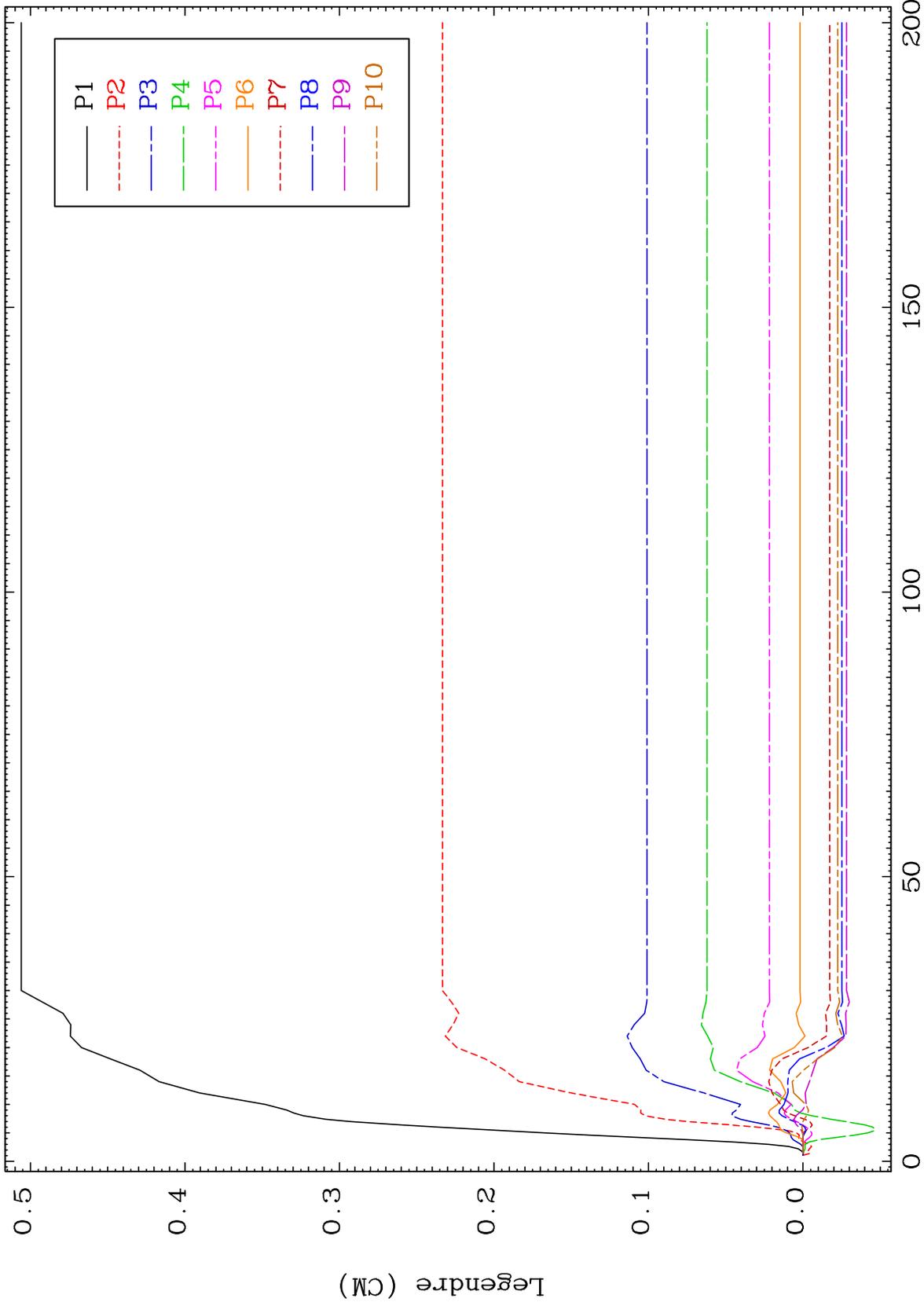
85-At-207

MAT 8537

MT= 60 (n,n') Level

85-At-207

Legendre Coefficients



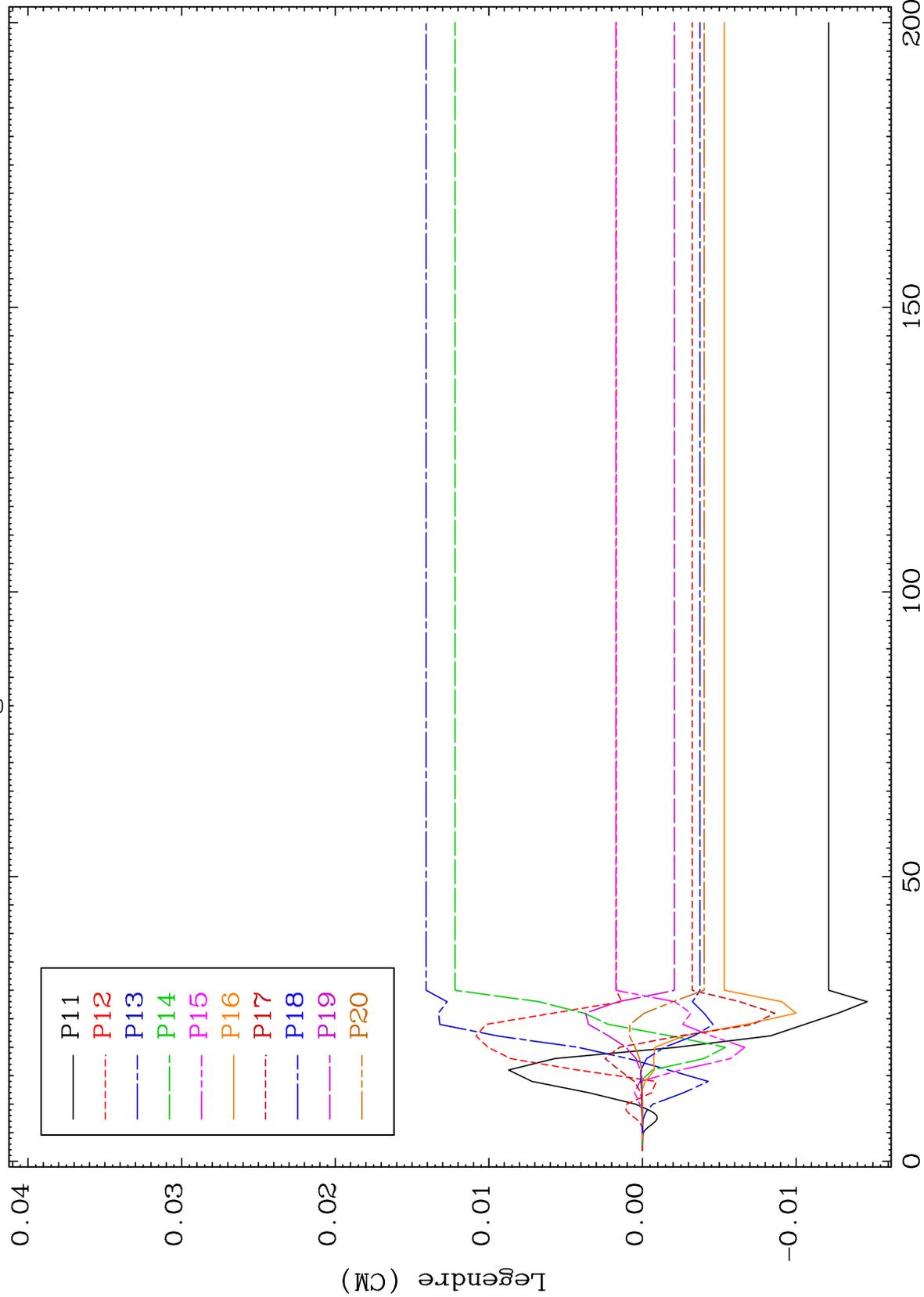
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85-At-207

MAT 8537

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

85-At-207



57

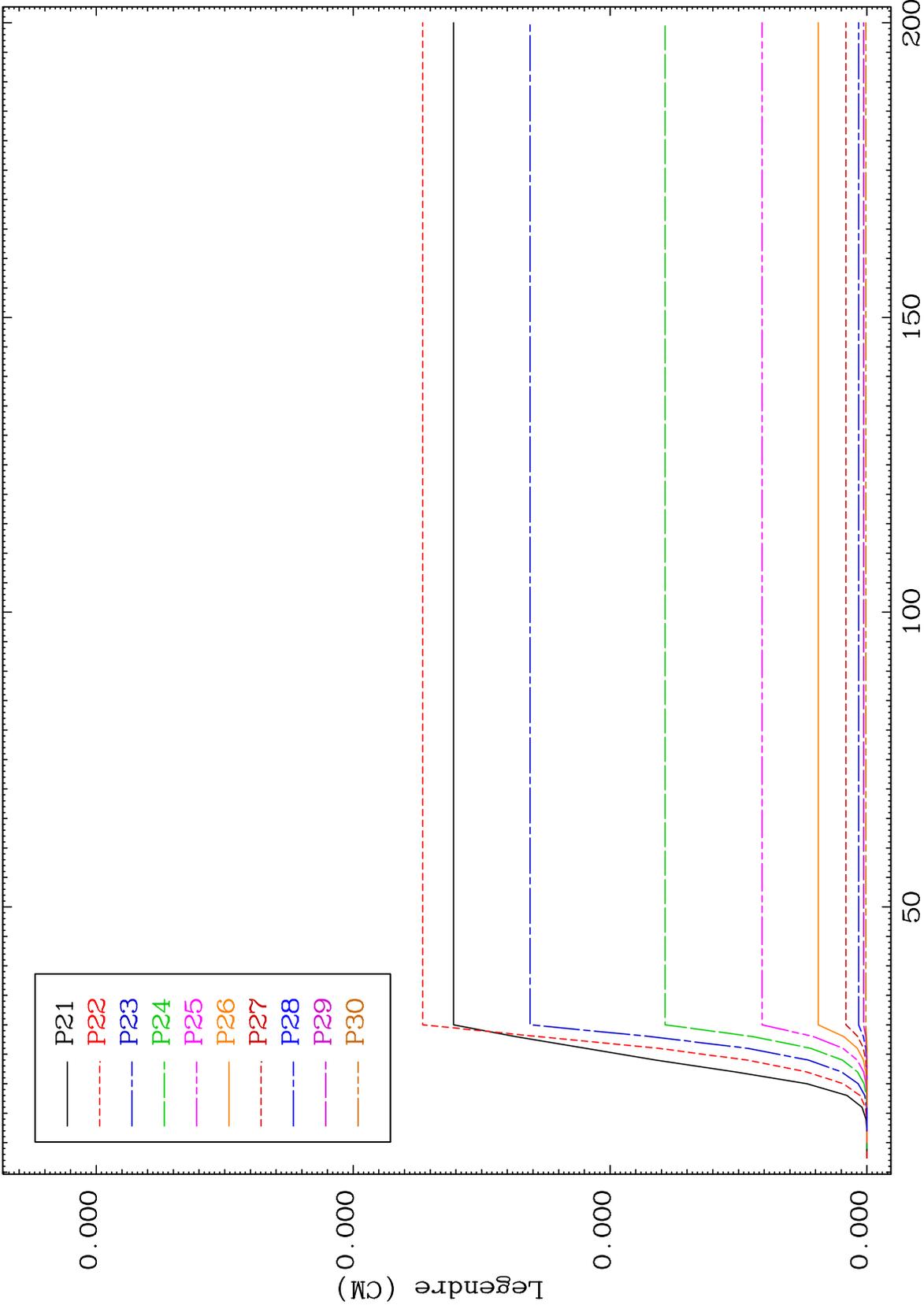
Incident Energy (MeV)

85-At-207

MAT 8537

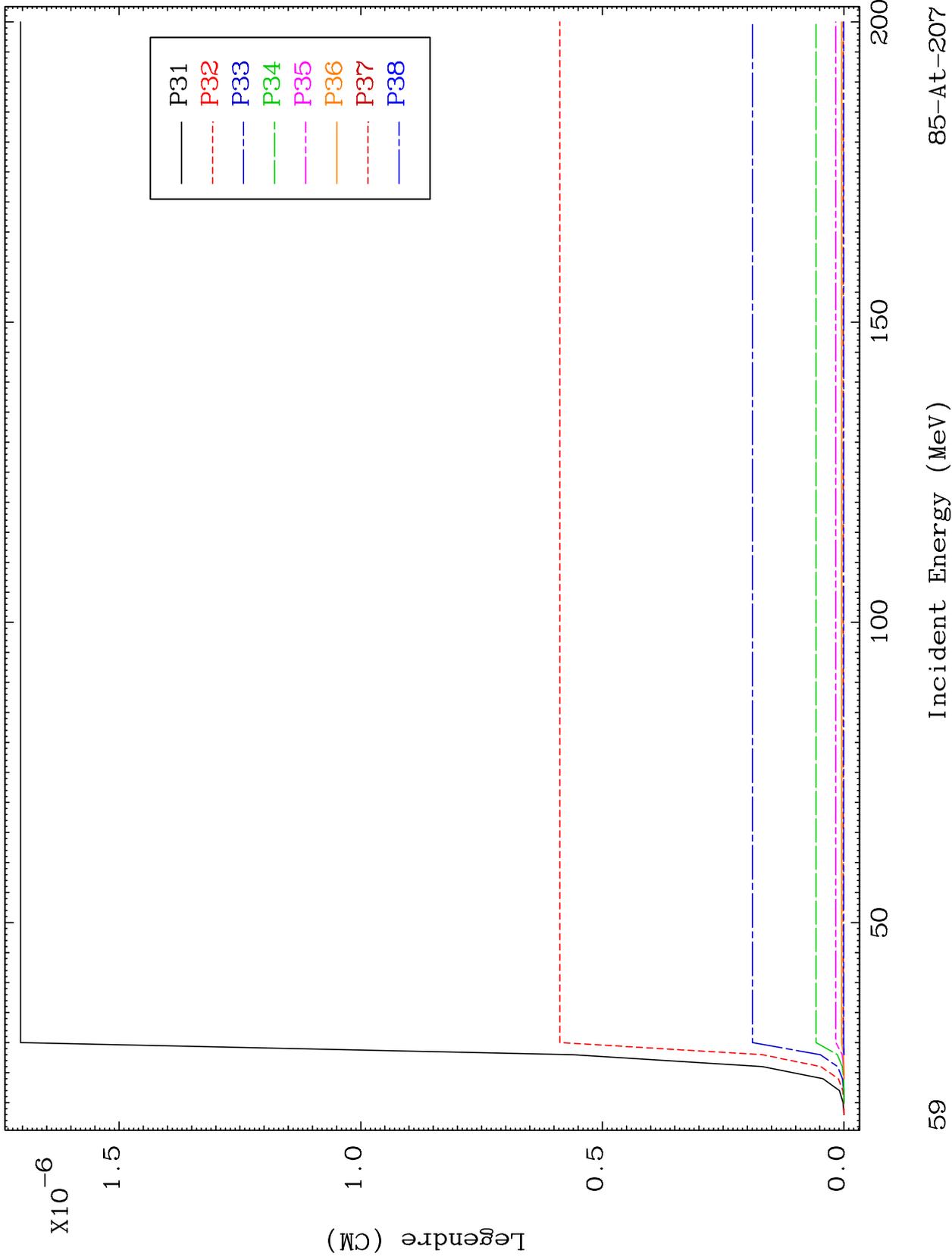
MT= 60 (n,n') Level
Legendre Coefficients

85-At-207



58

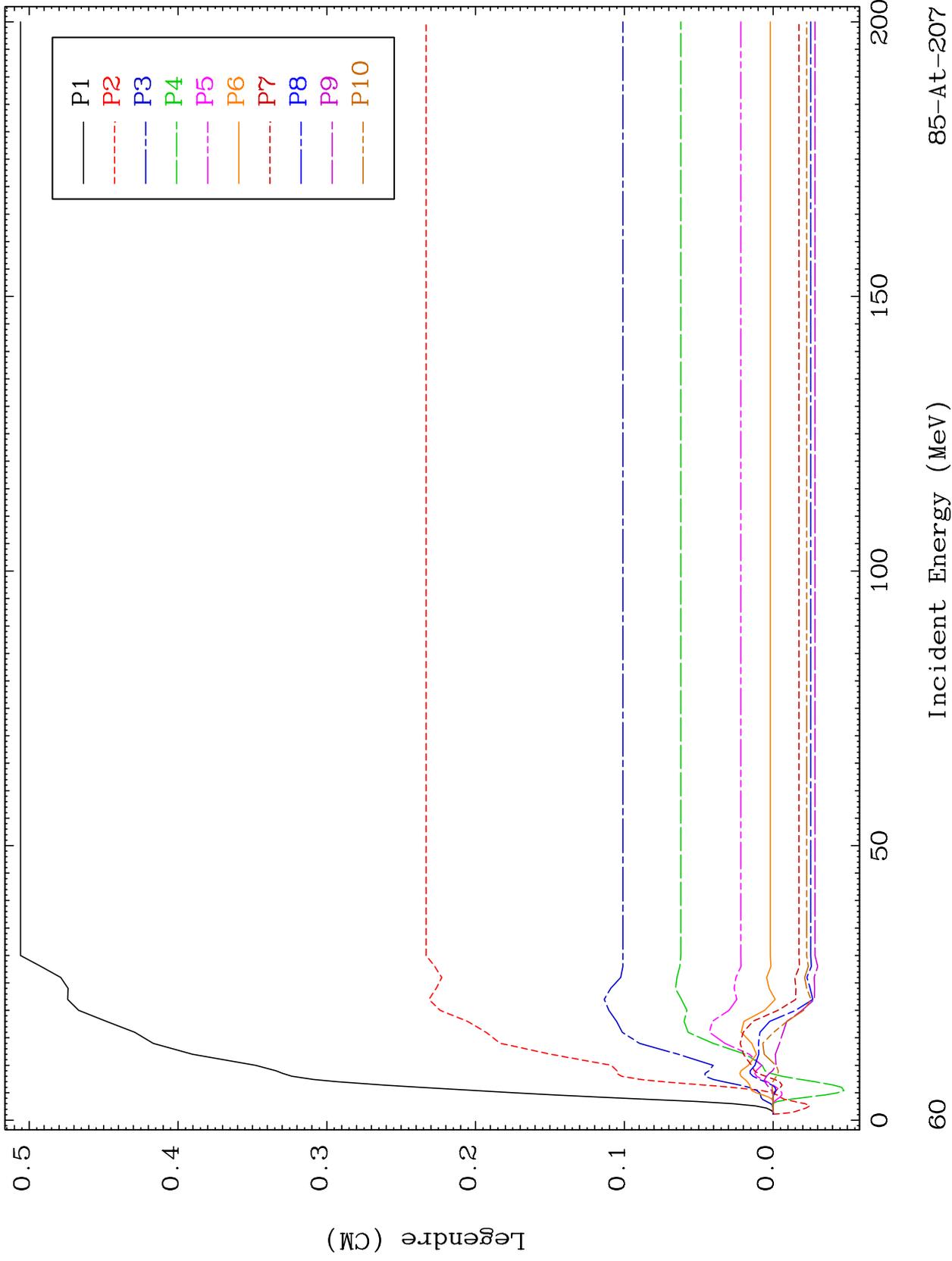
85-At-207



MAT 8537

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

85-At-207



85-At-207

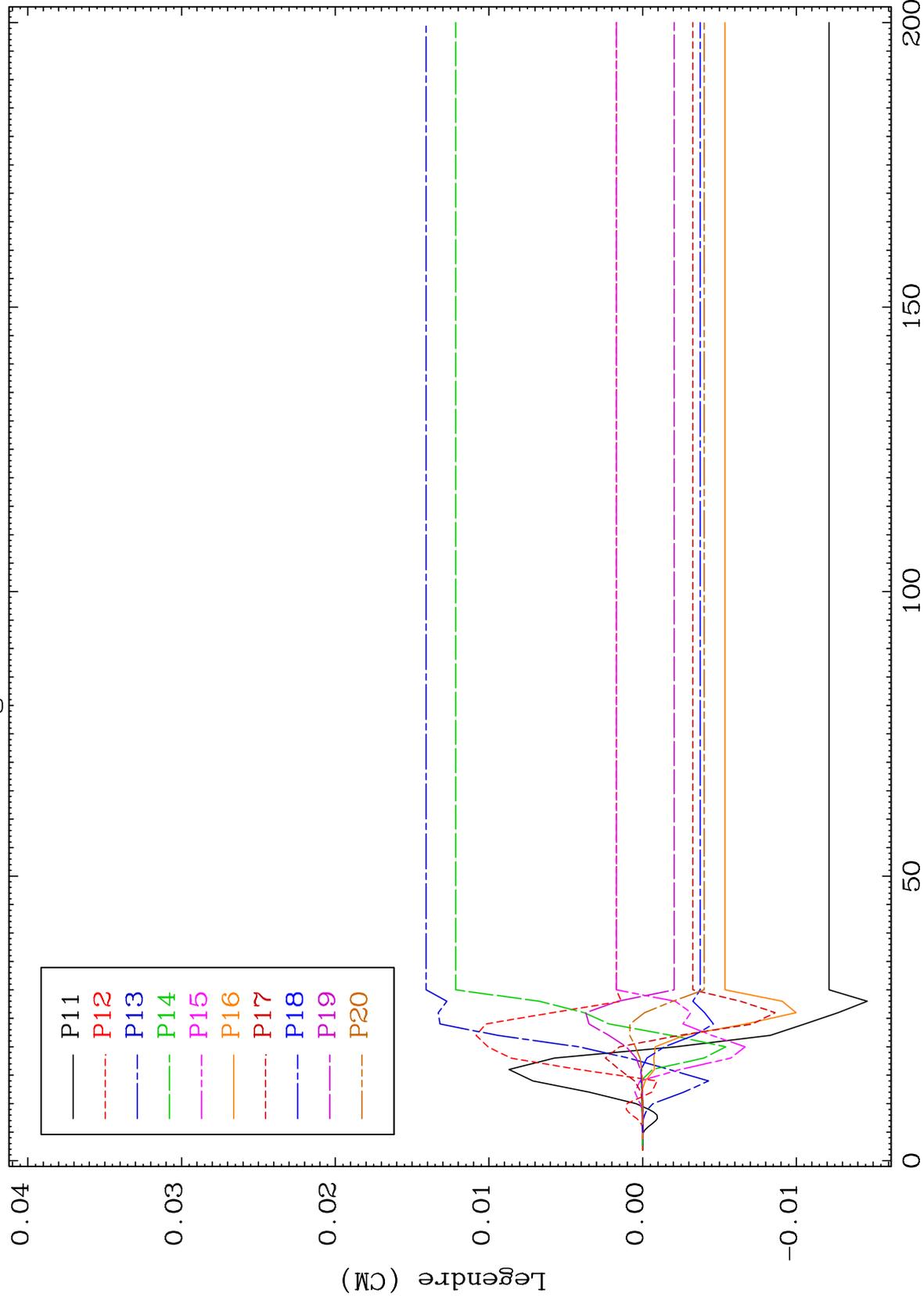
Incident Energy (MeV)

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MAT 8537

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

85-At-207



61

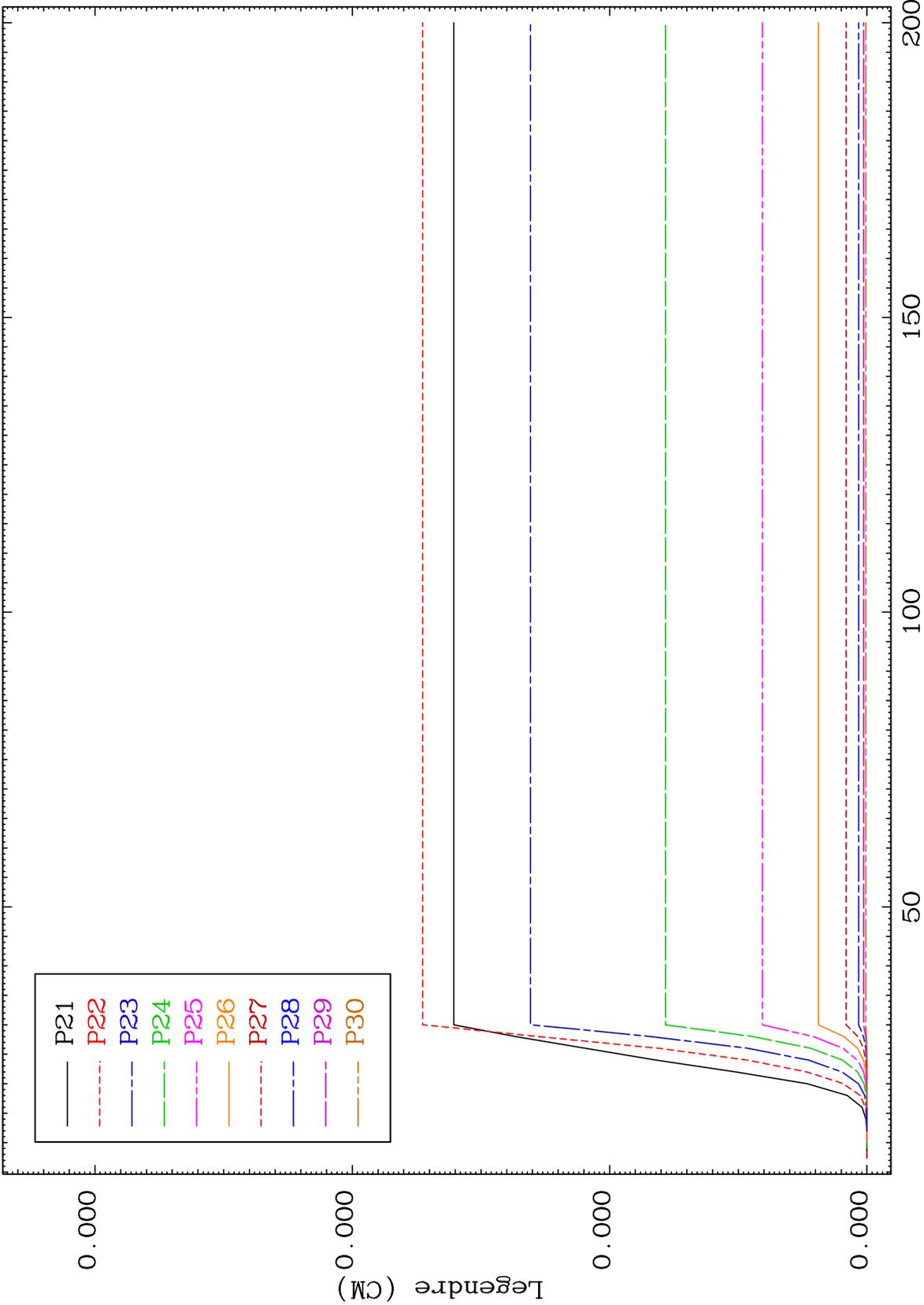
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



62

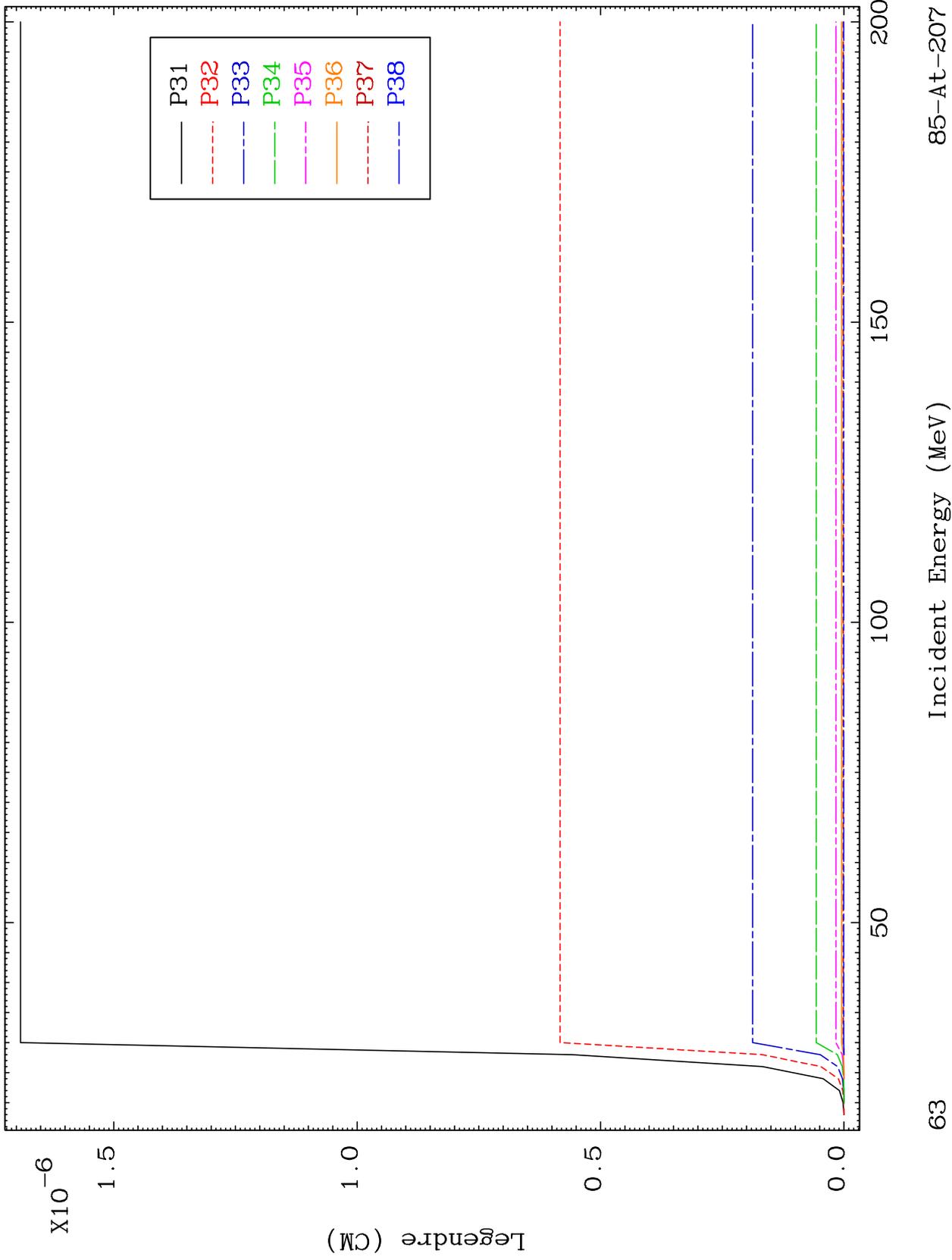
Incident Energy (MeV)

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MAT 8537

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

85-At-207



63

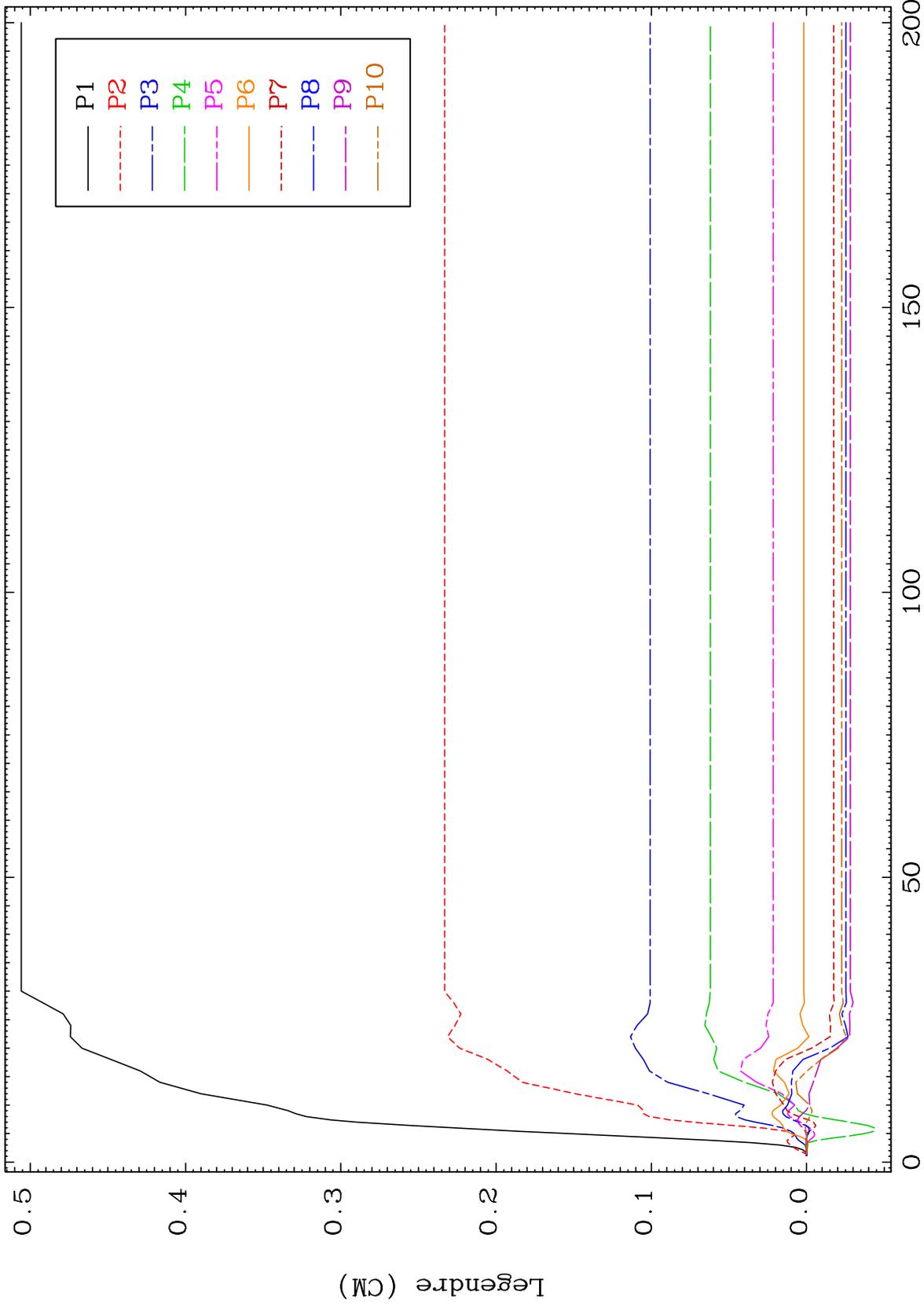
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



64

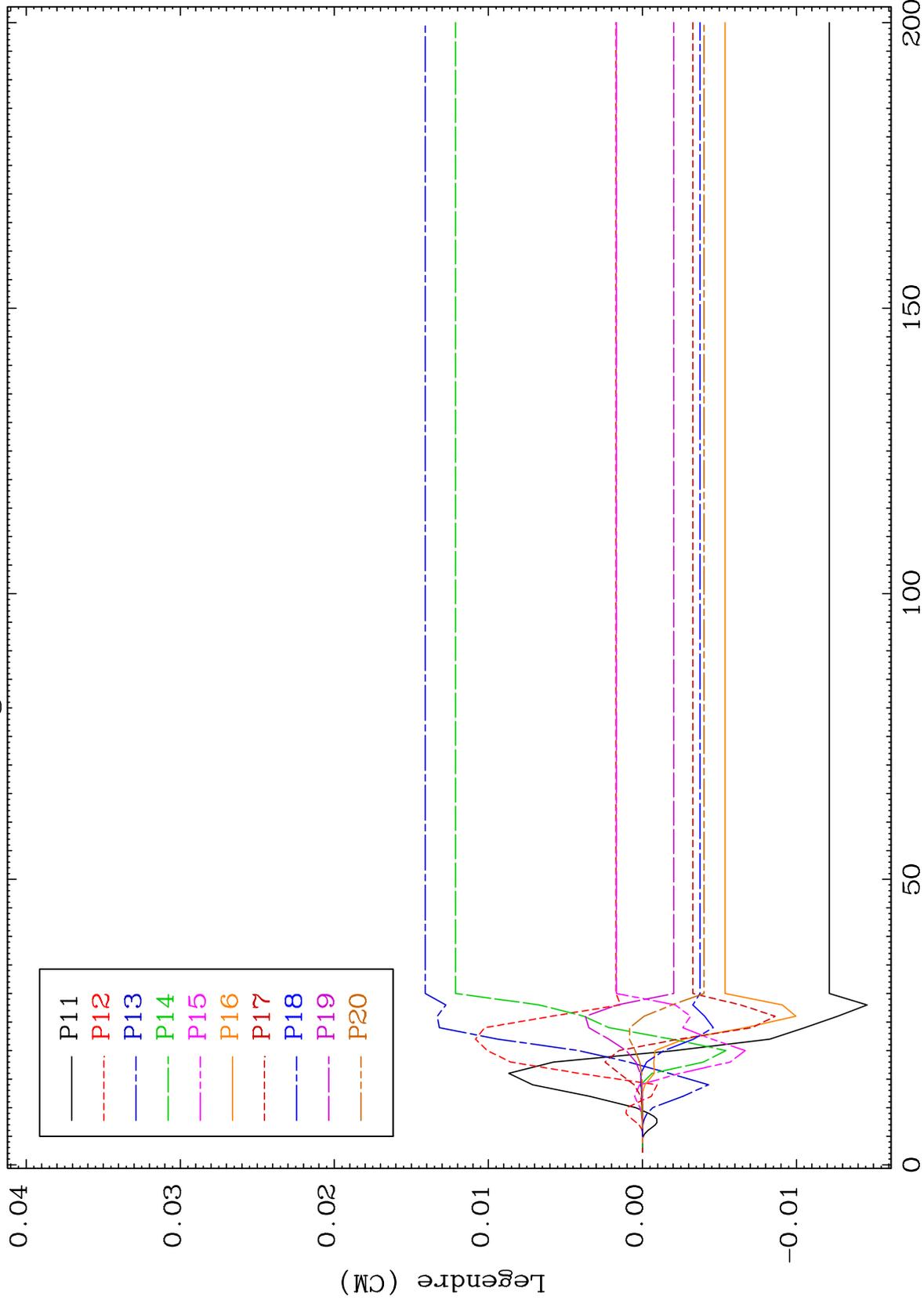
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



65

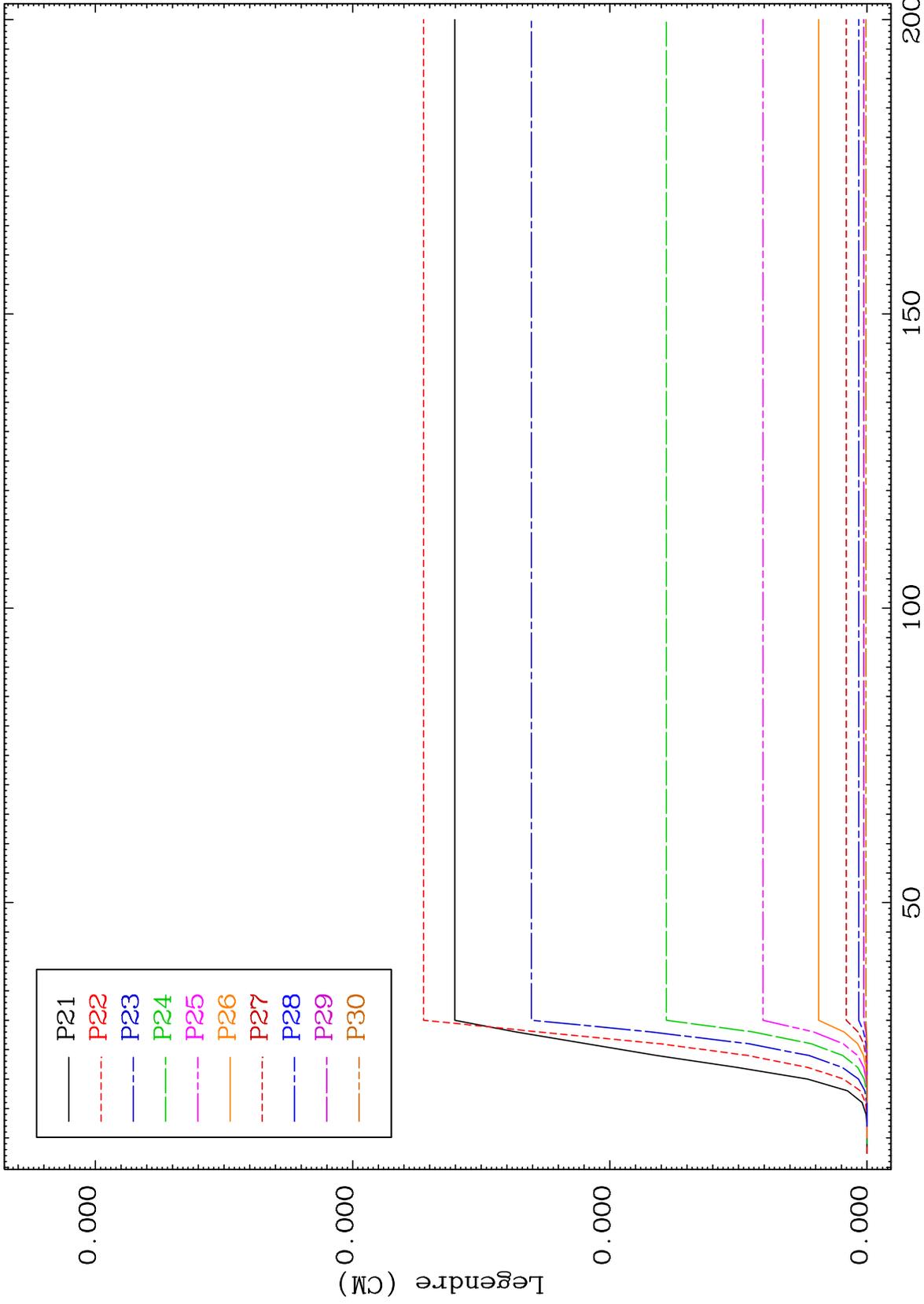
Incident Energy (MeV)

85-At-207

MAT 8537

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

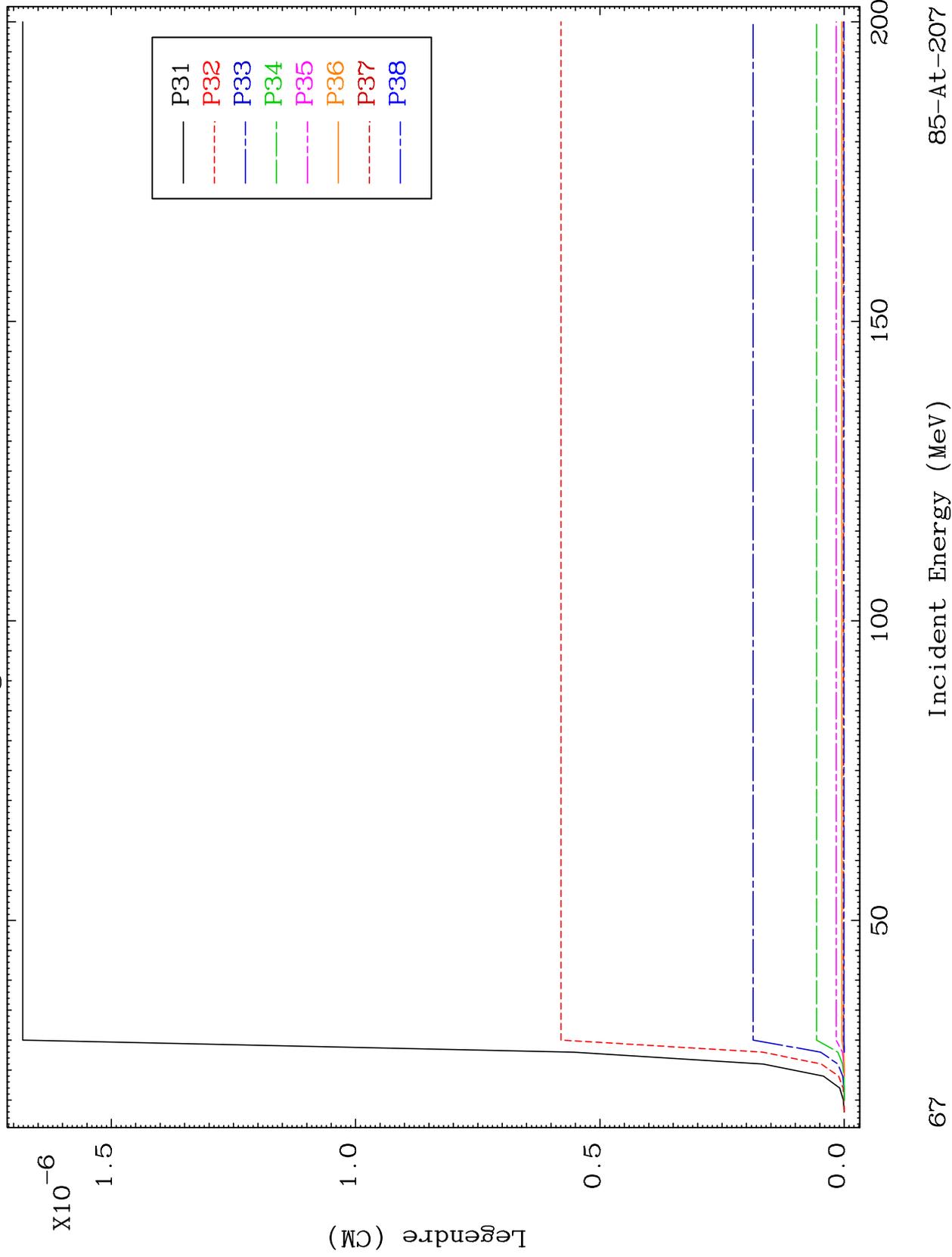
85-At-207



MAT 8537

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

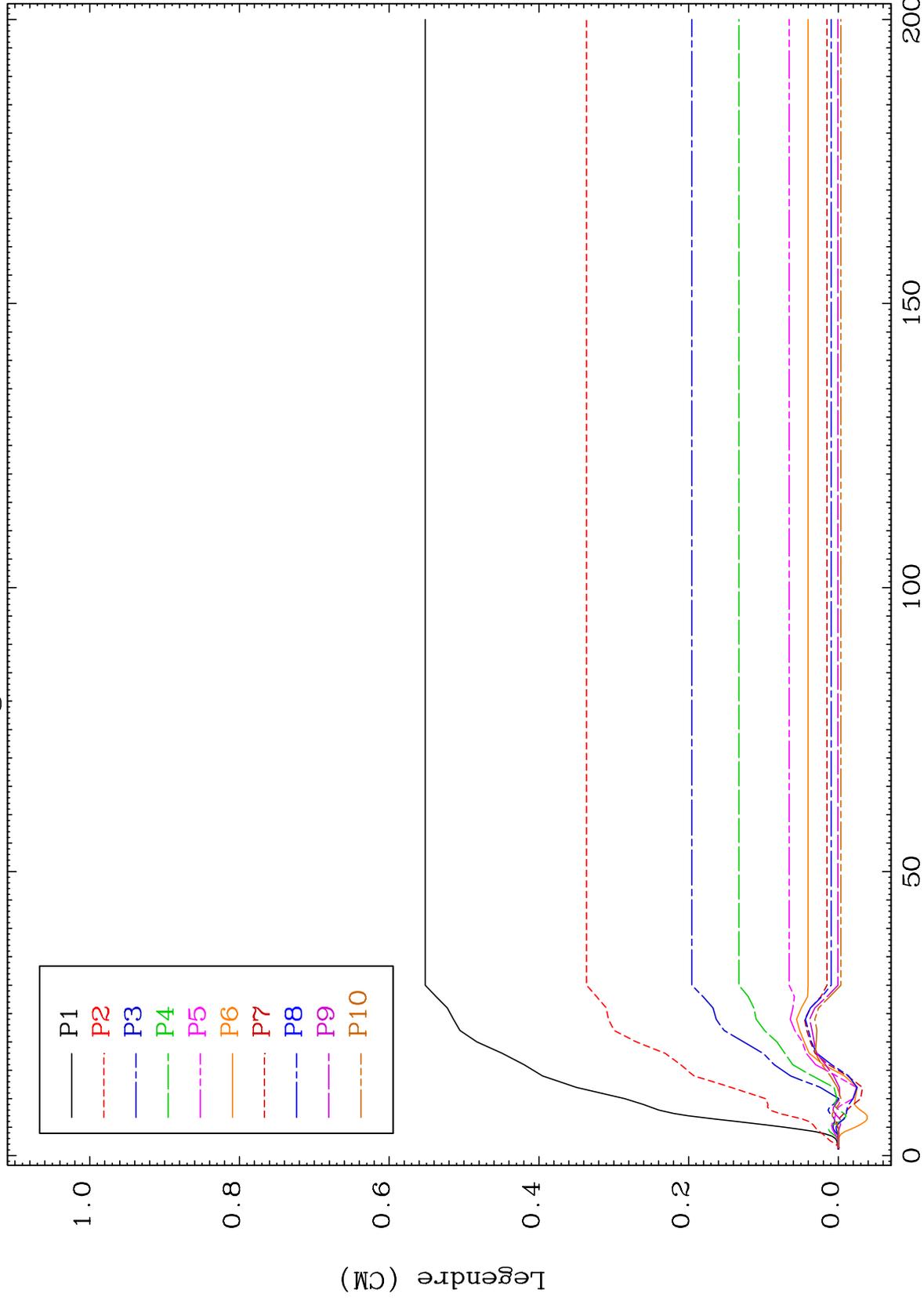
85-At-207



MAT 8537

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

85-At-207



68

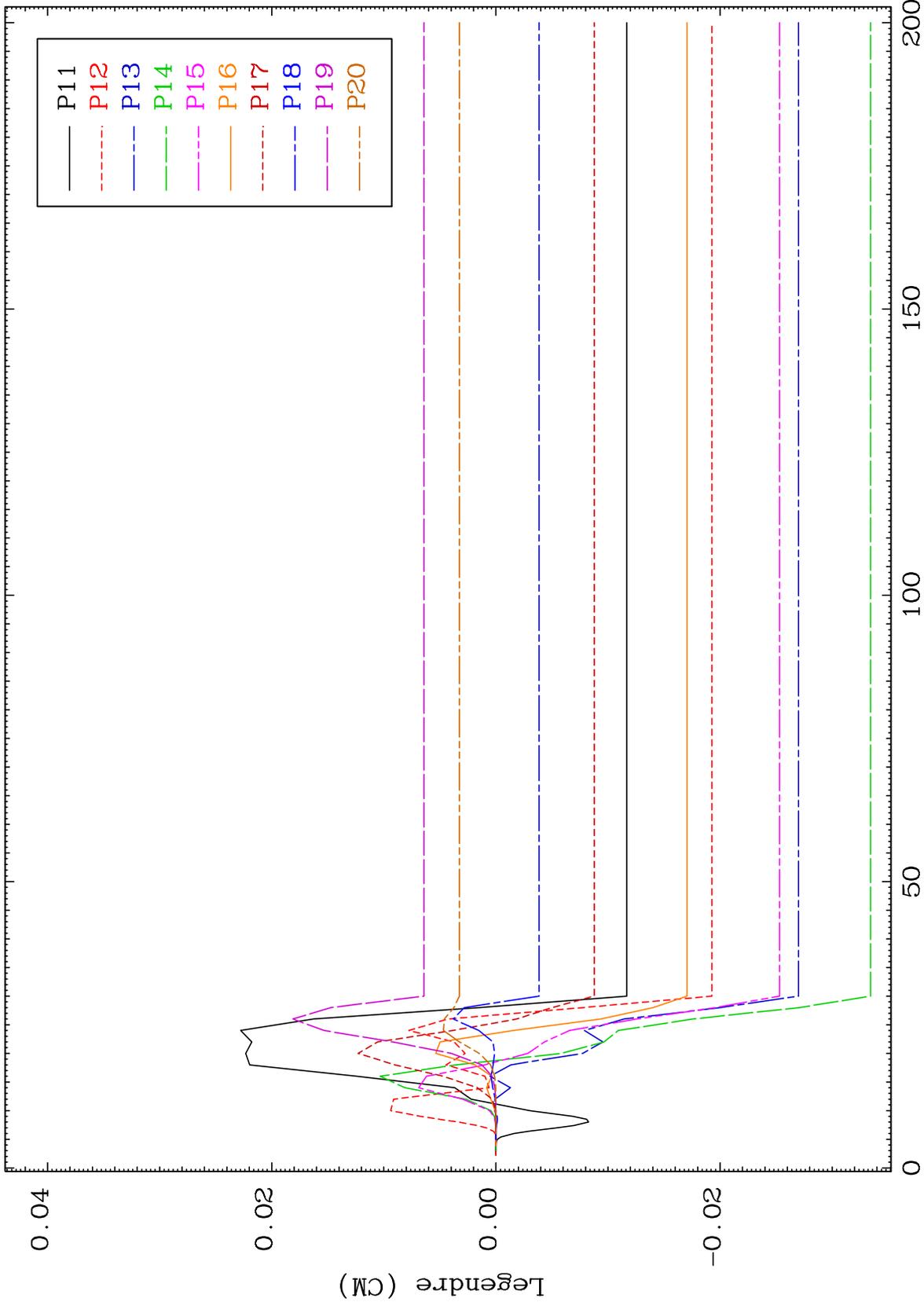
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



69

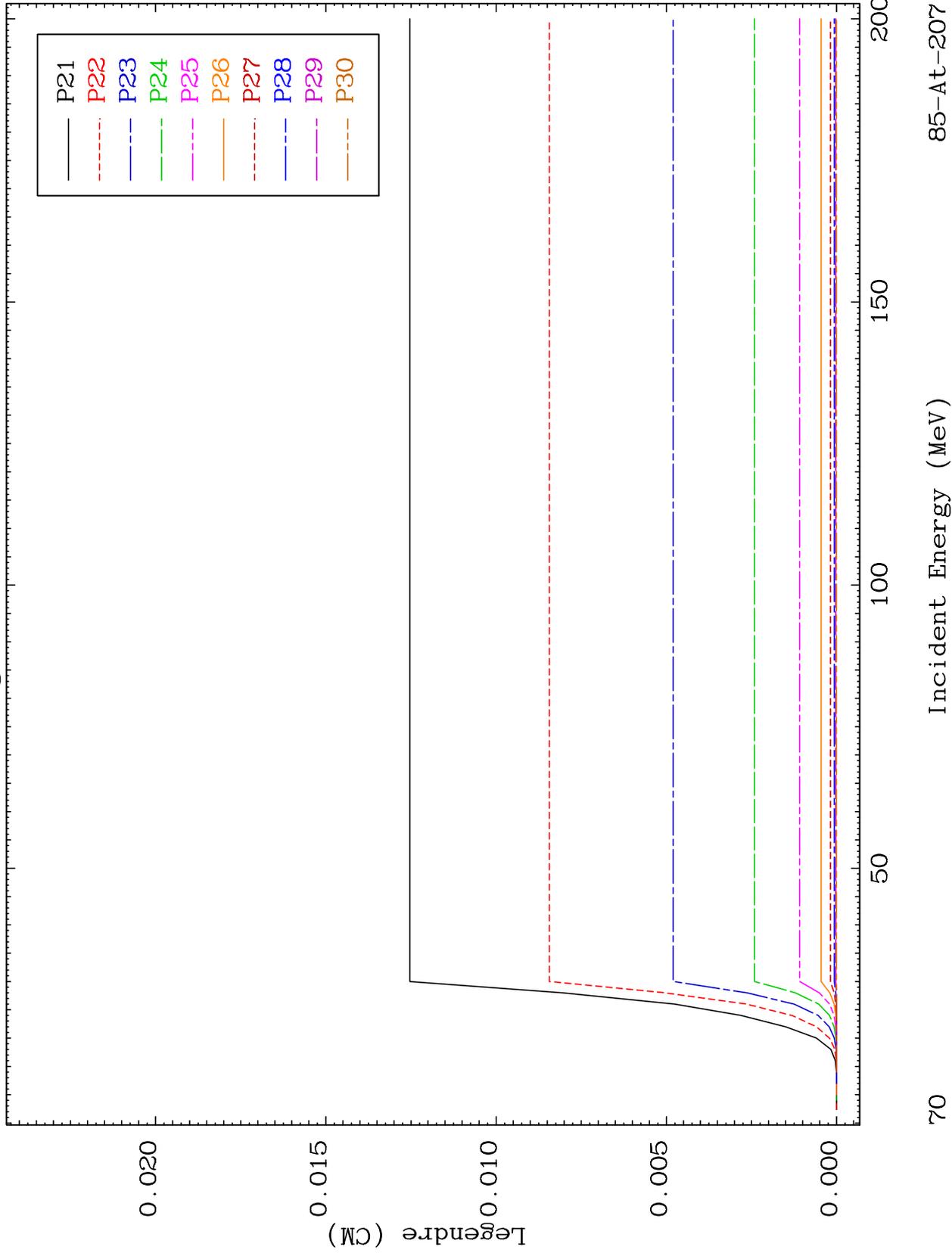
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



70

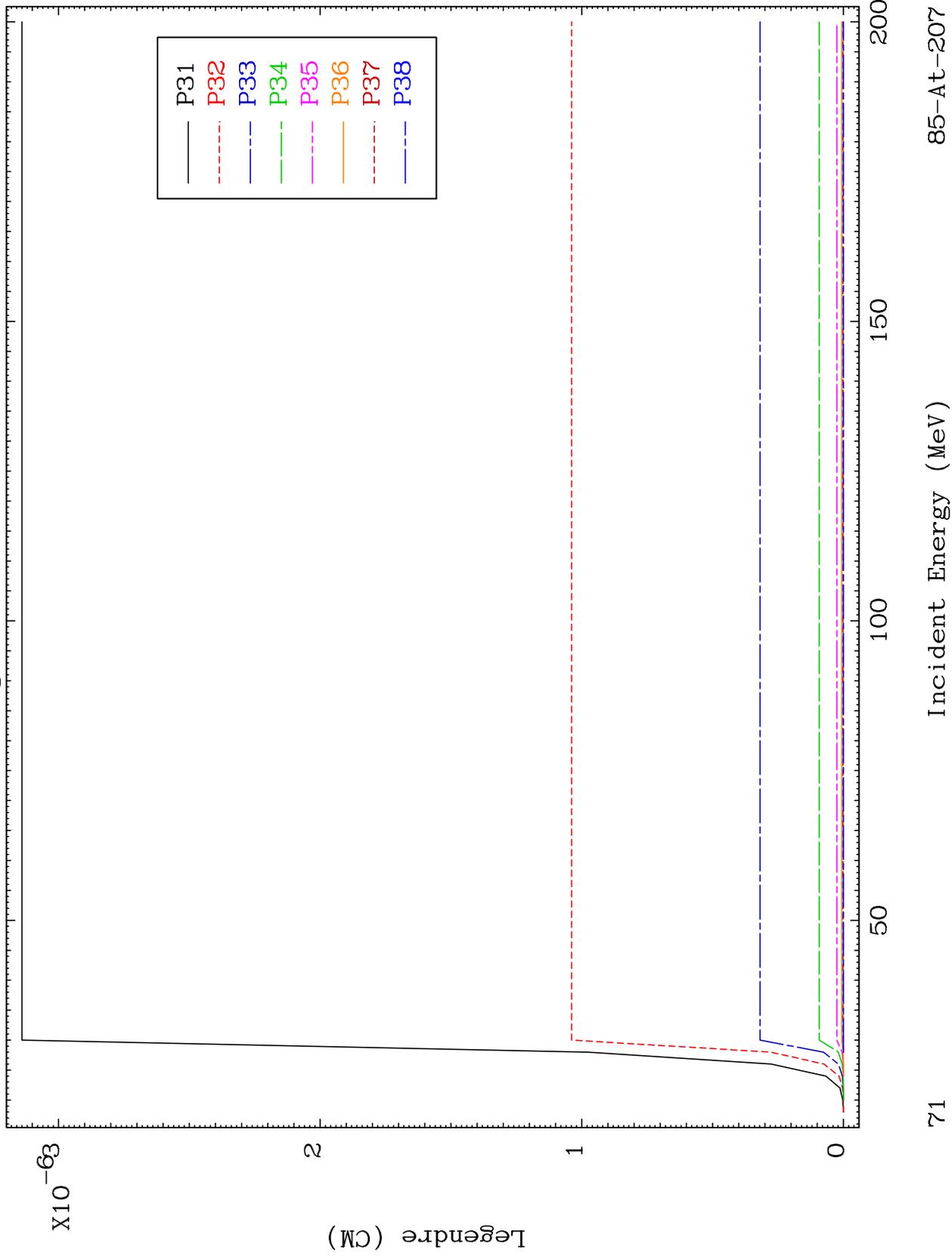
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



71

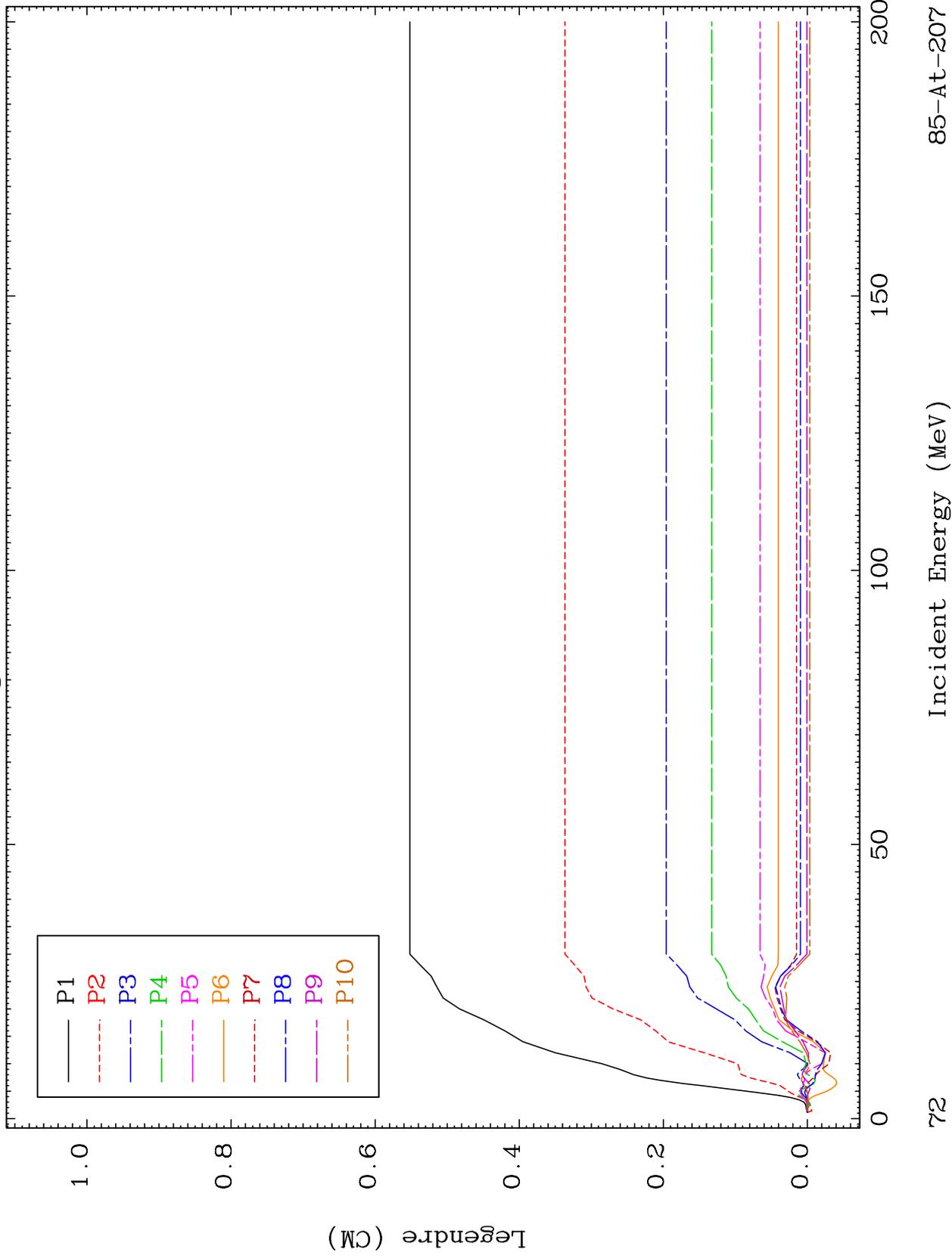
Incident Energy (MeV)

85-At-207

MAT 8537

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

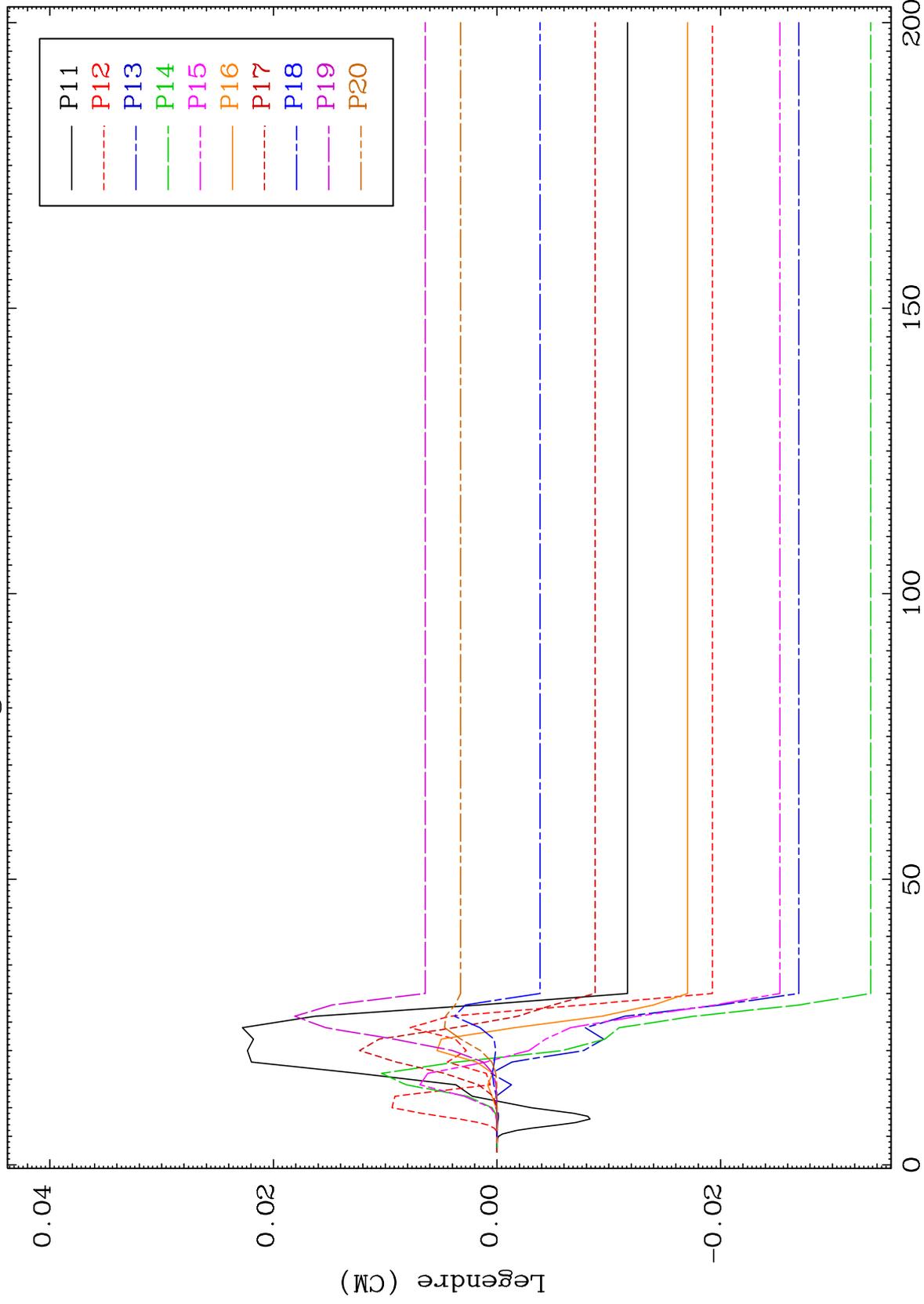
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MAT 8537

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

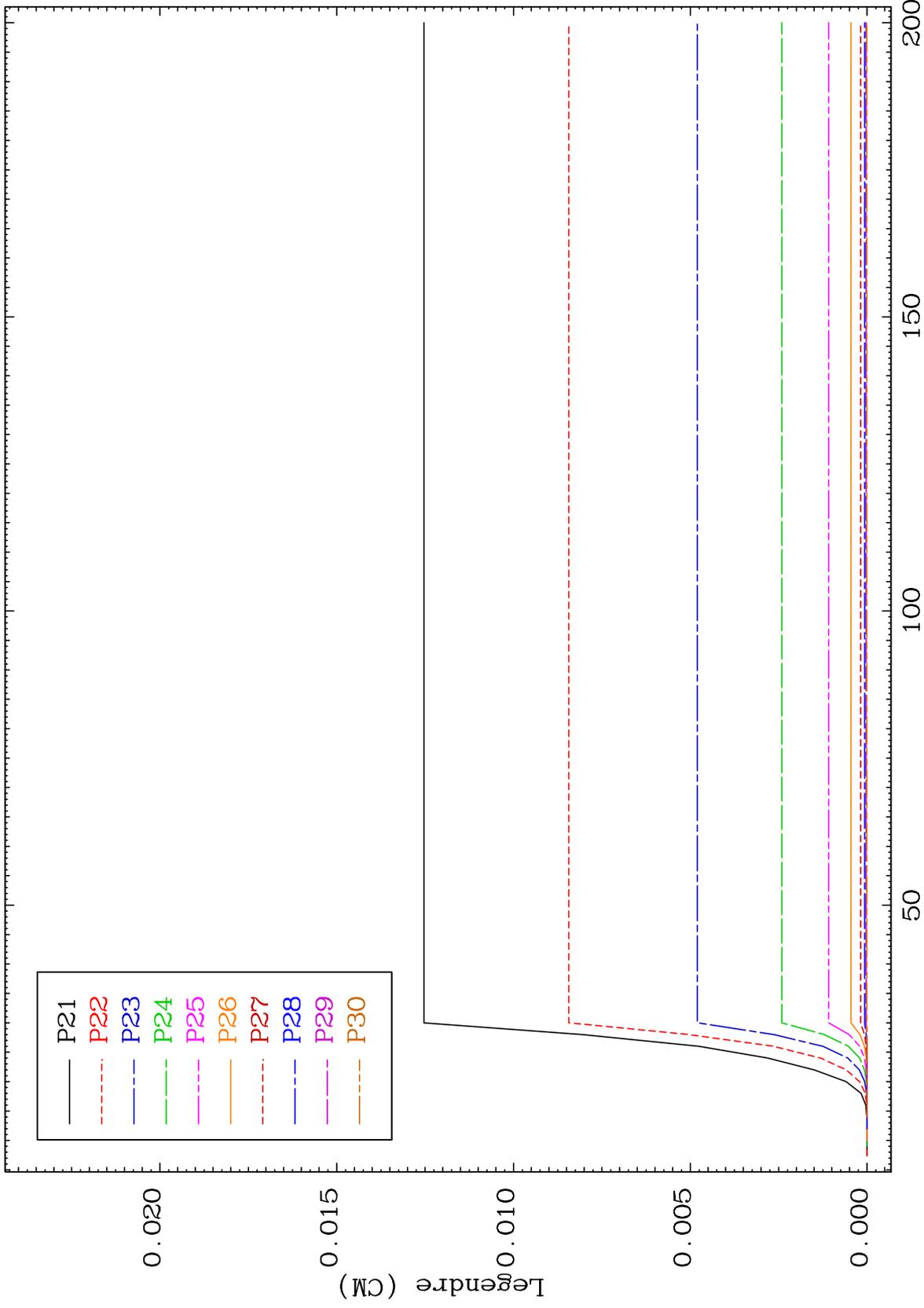
85-At-207



73

Incident Energy (MeV)

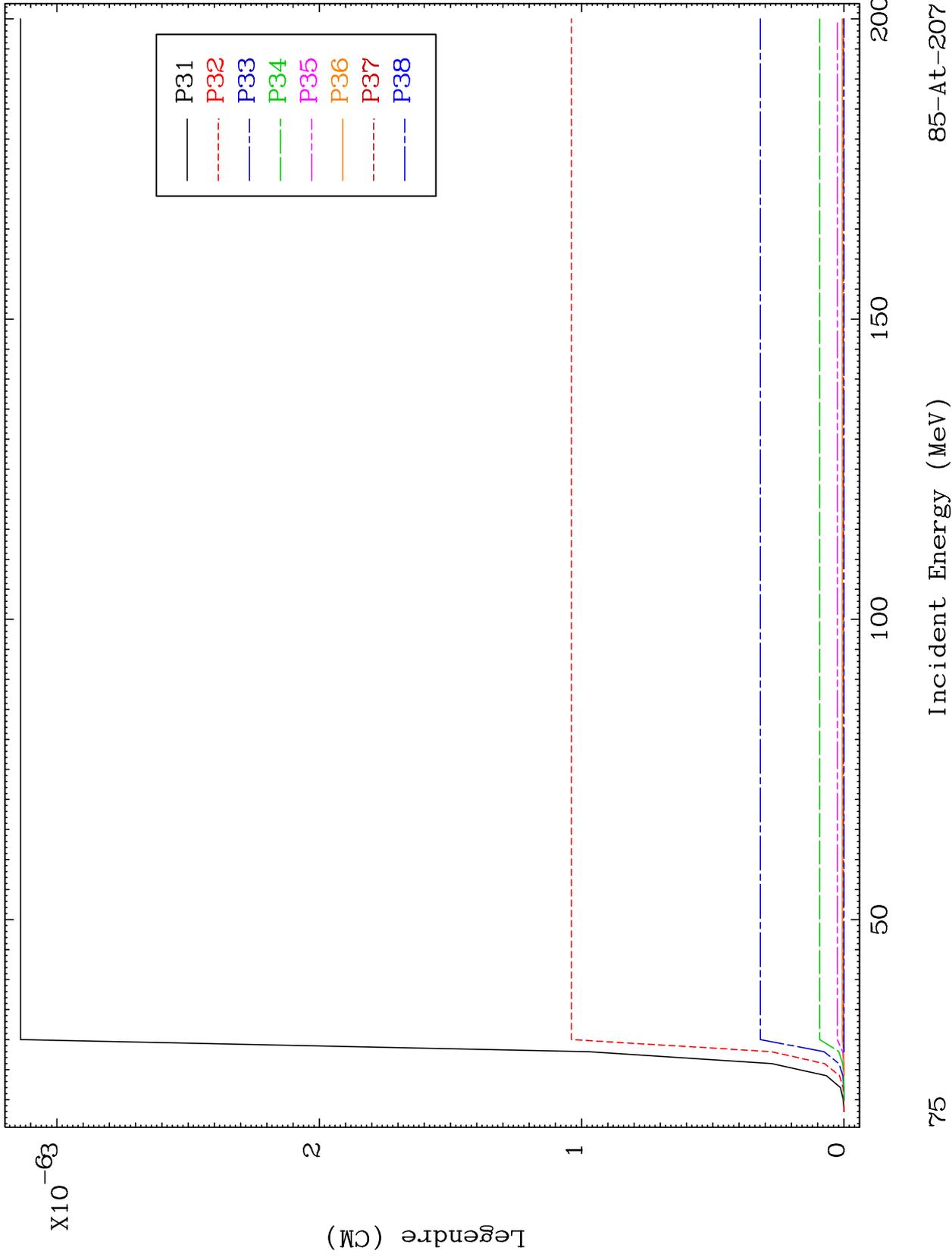
85-At-207



MAT 8537

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

85-At-207



75

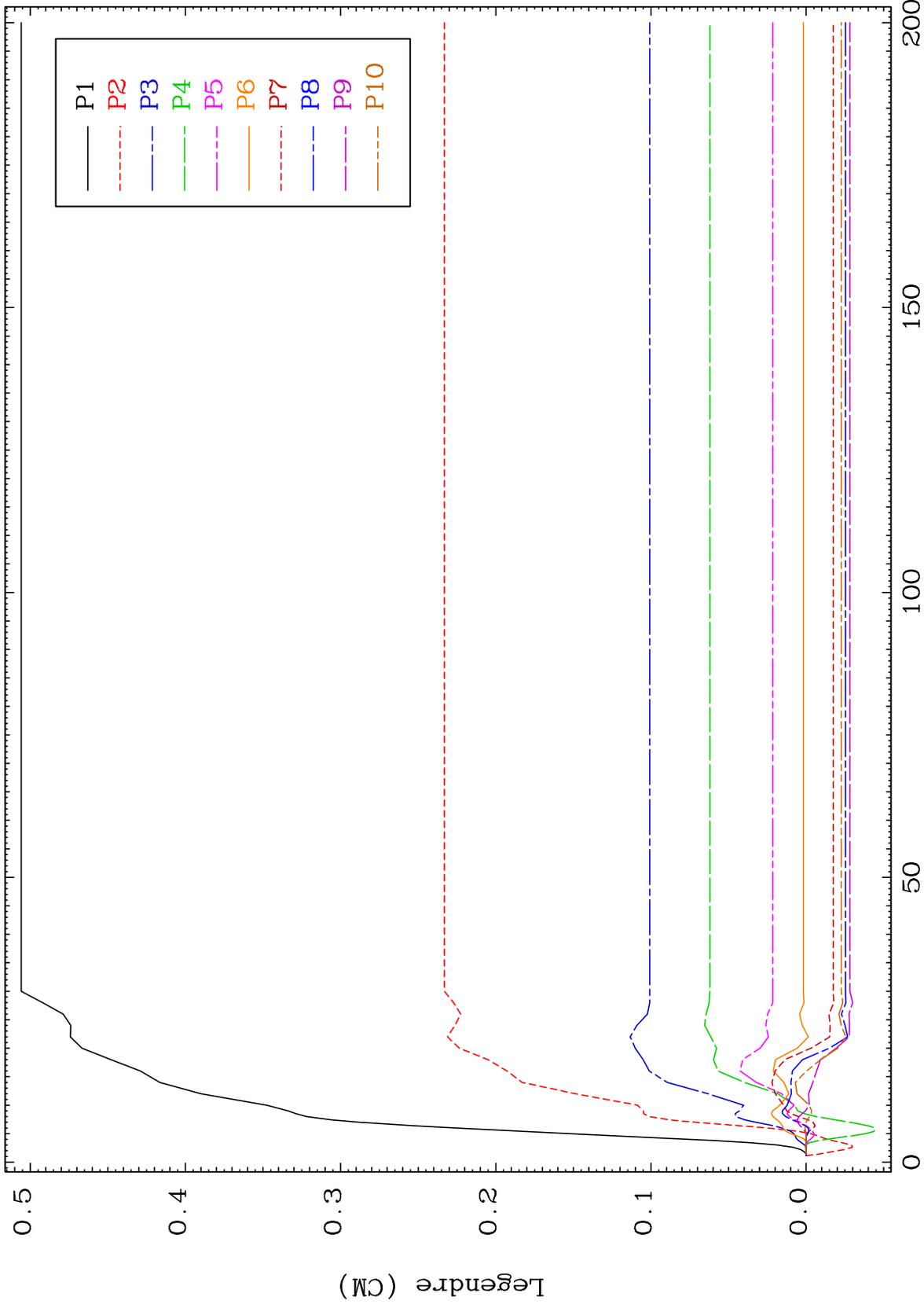
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



76

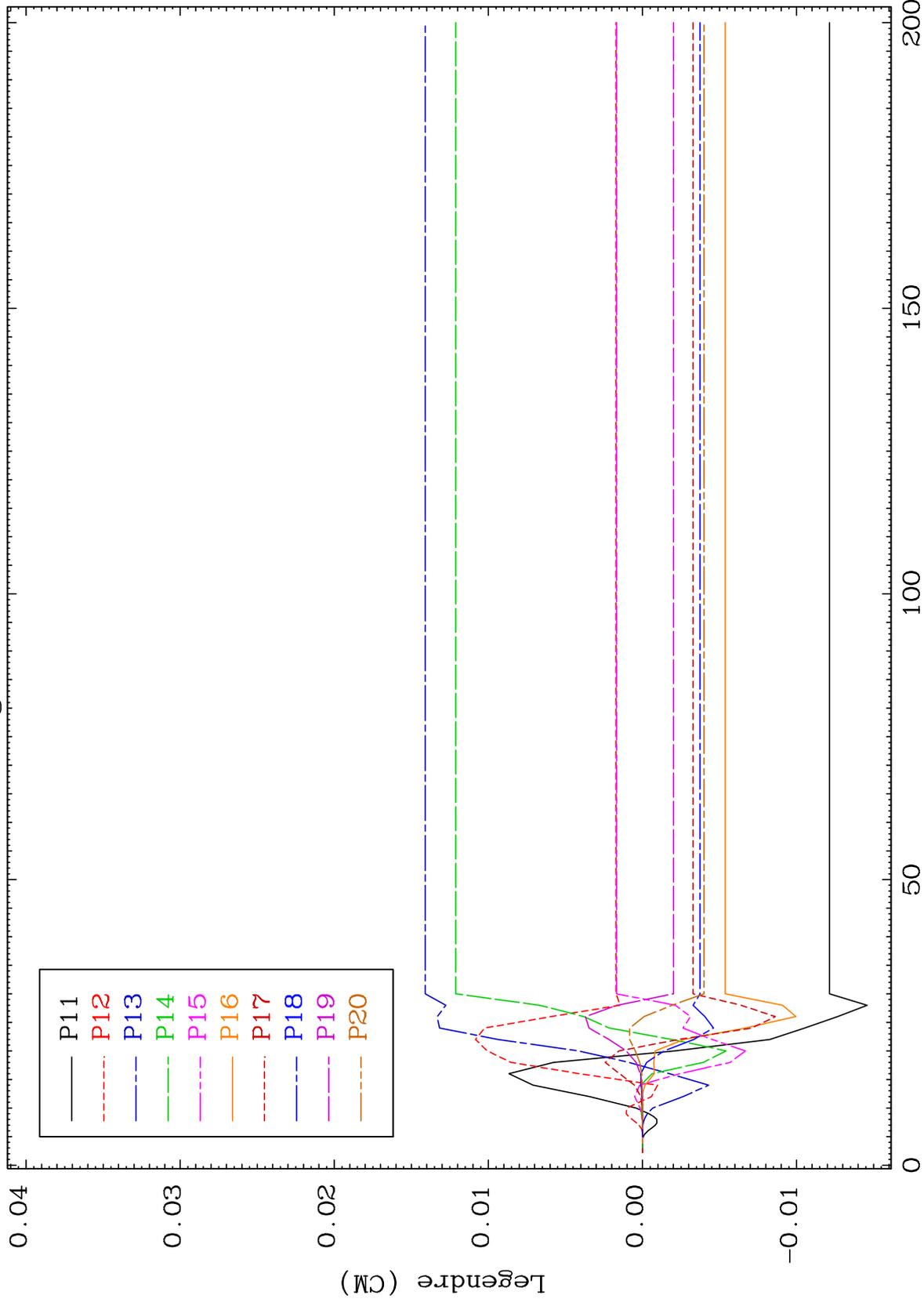
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



77

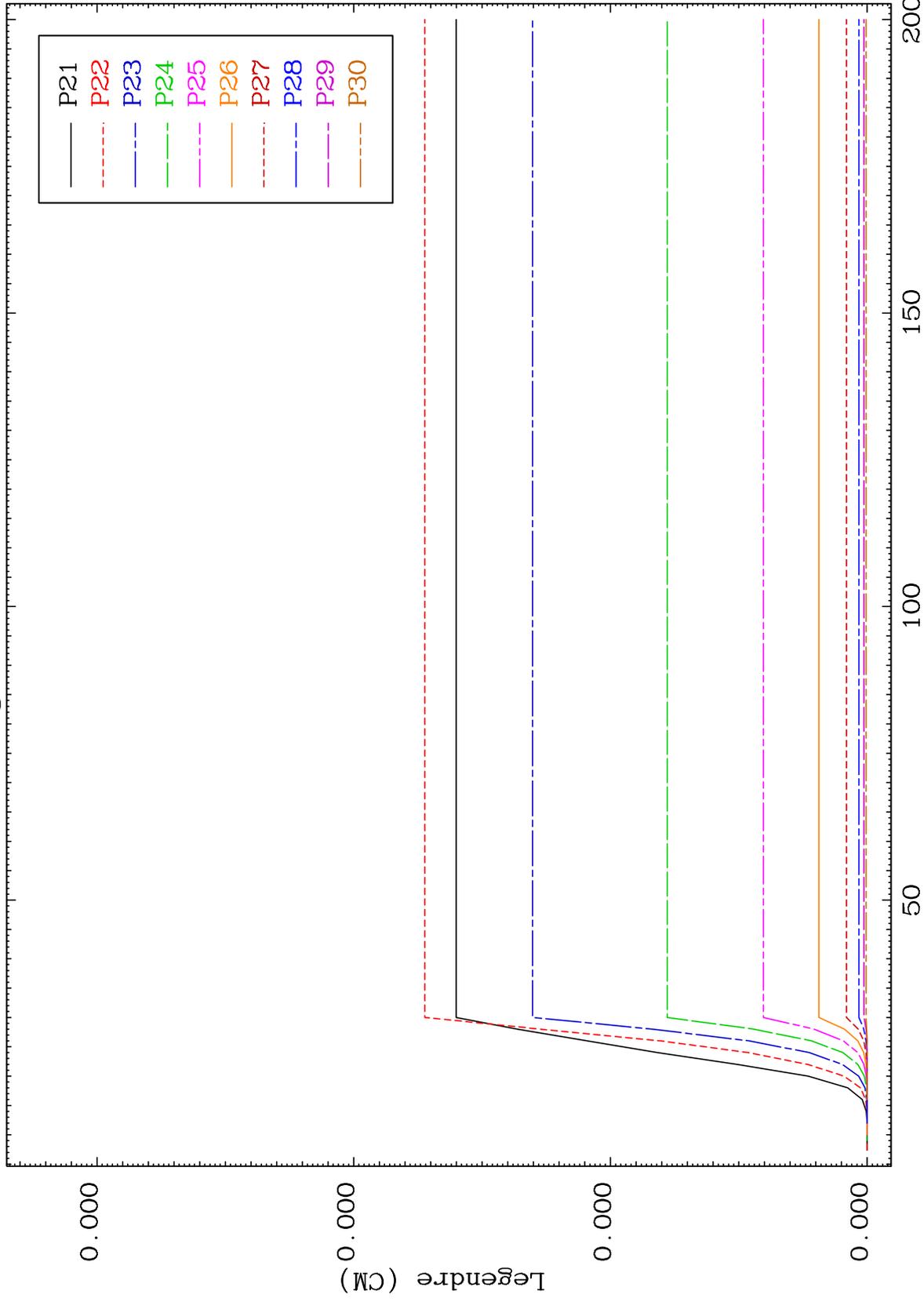
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



78

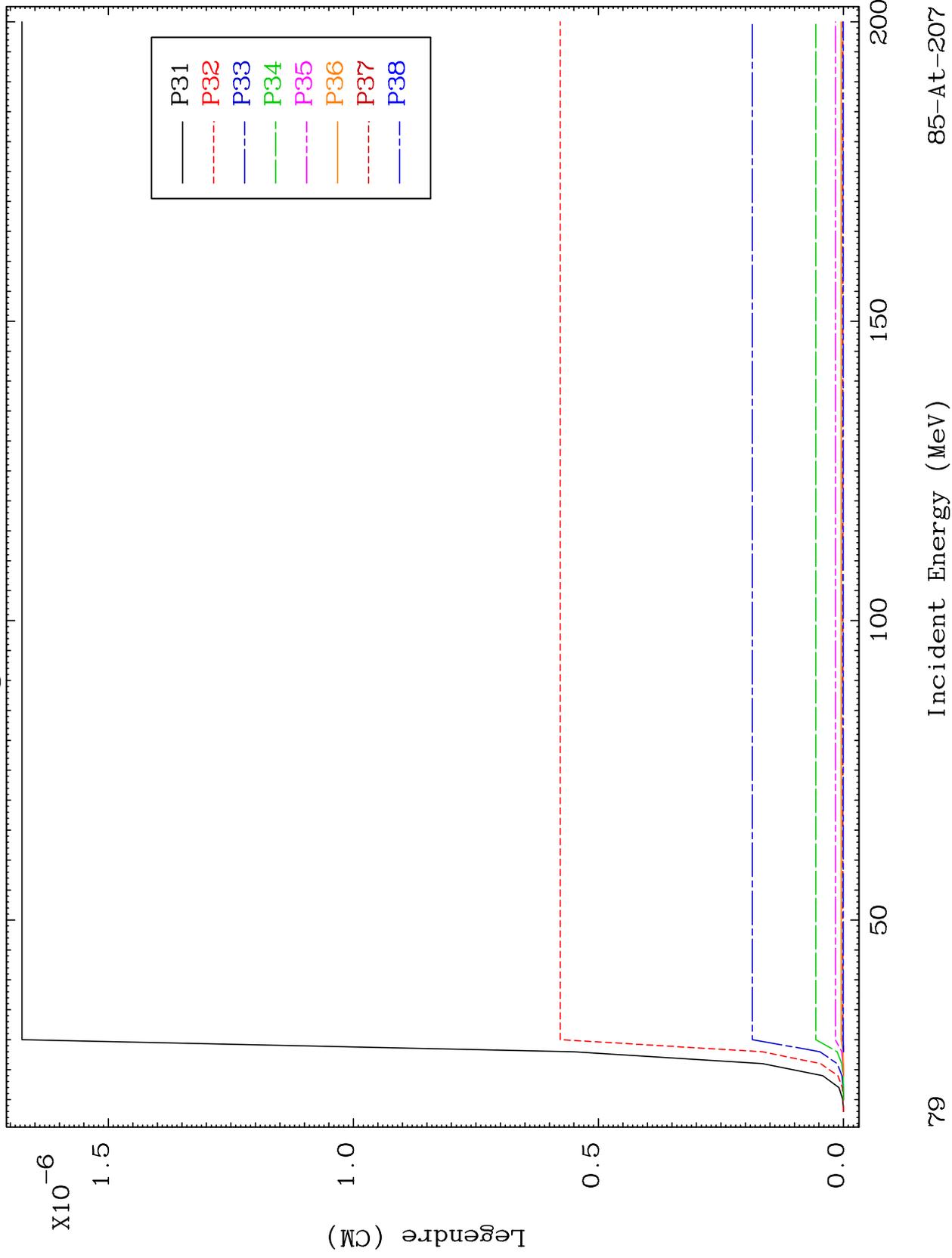
Incident Energy (MeV)

85-At-207

MAT 8537

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

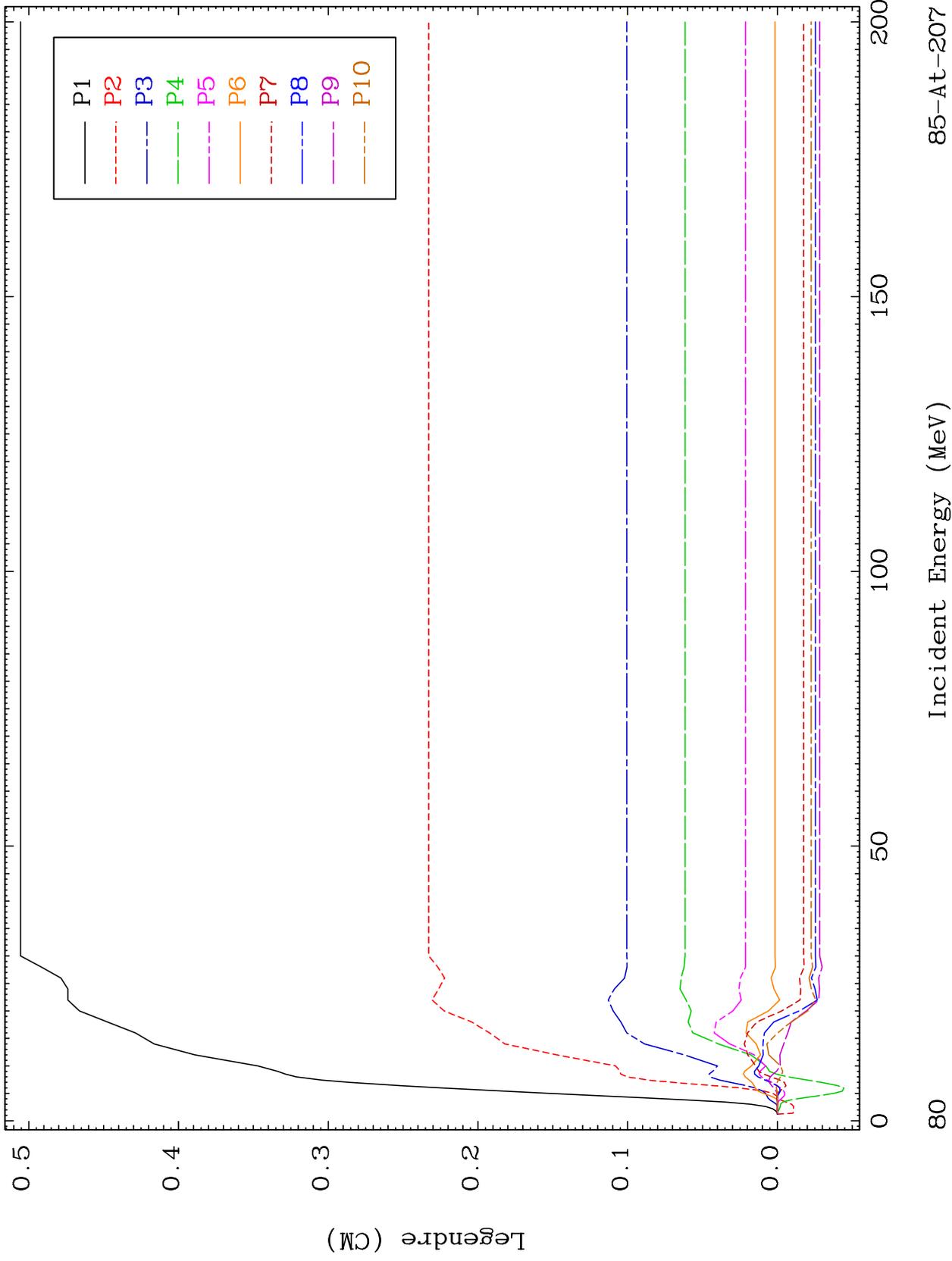
85-At-207



MAT 8537

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

85-At-207

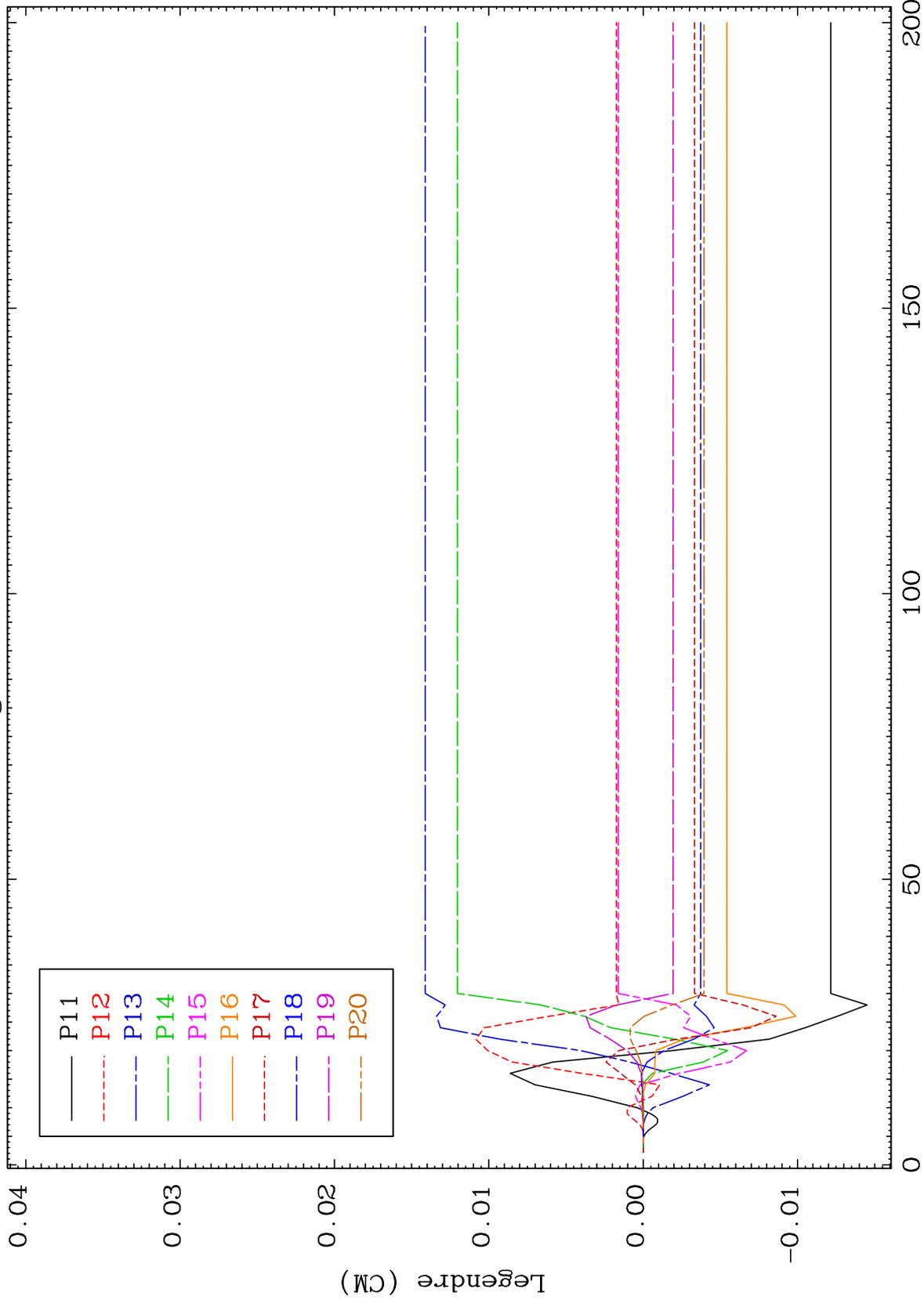


85-At-207

MAT 8537

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

85-At-207



81

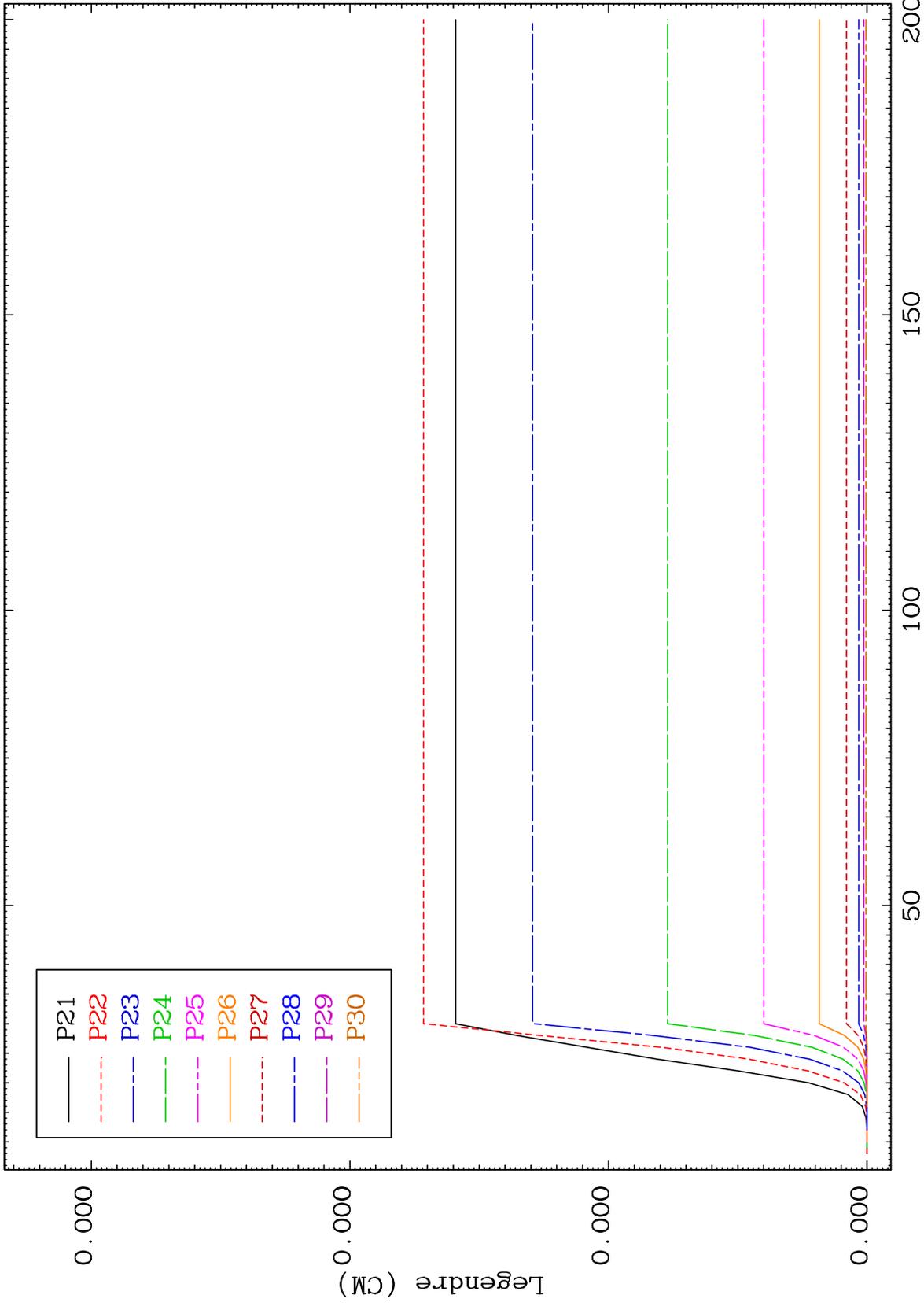
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



82

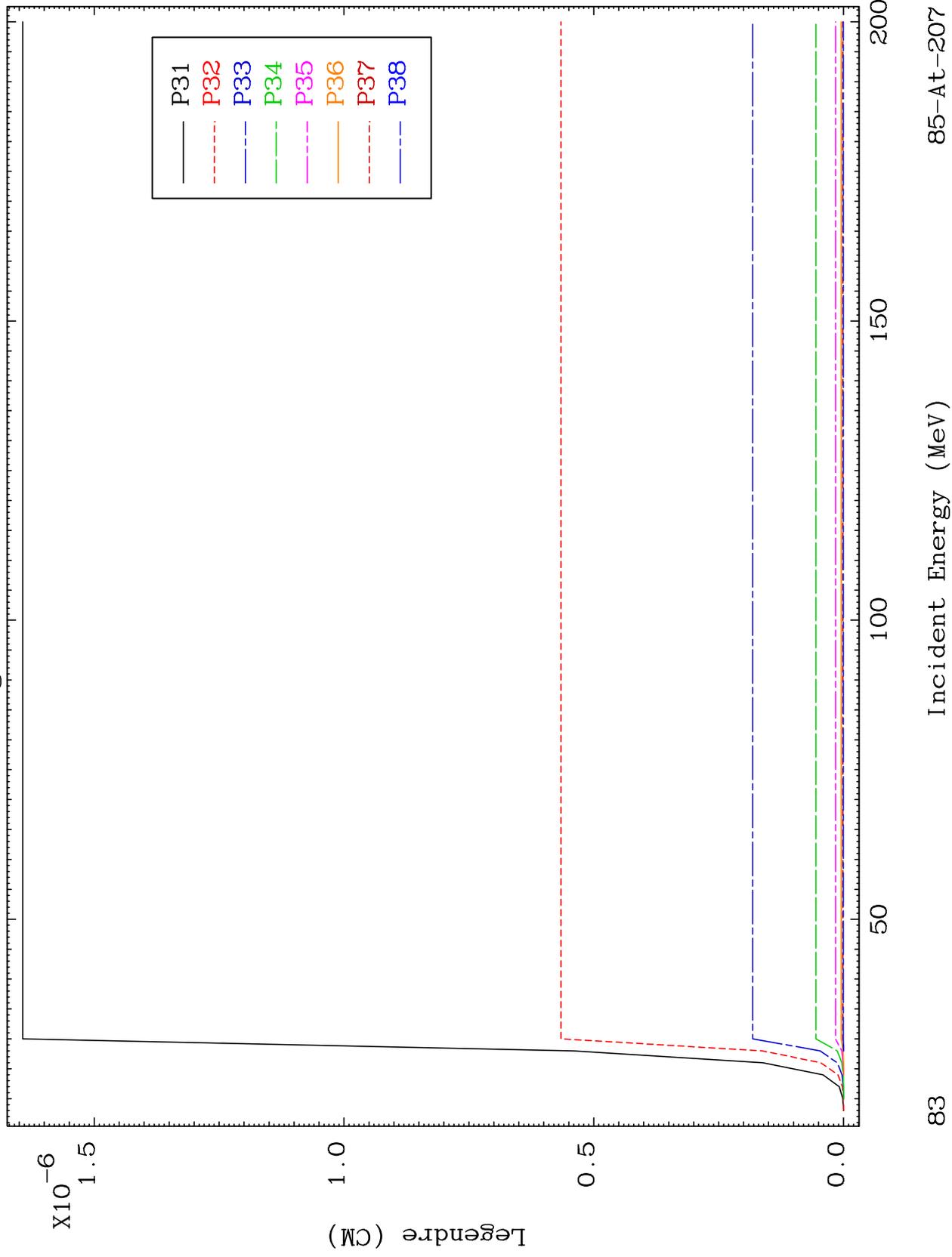
Incident Energy (MeV)

85-At-207

MAT 8537

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

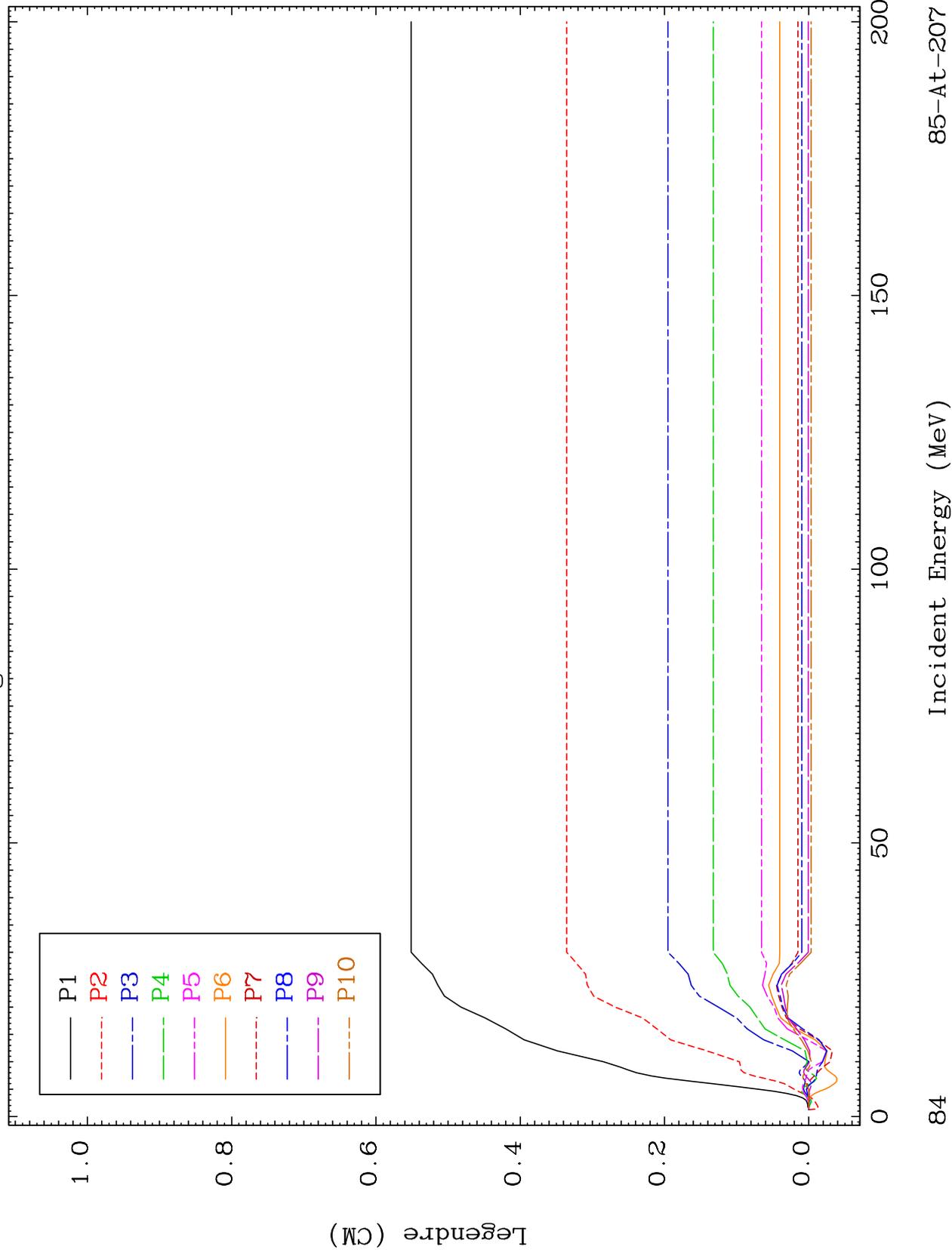
85-At-207



83

Incident Energy (MeV)

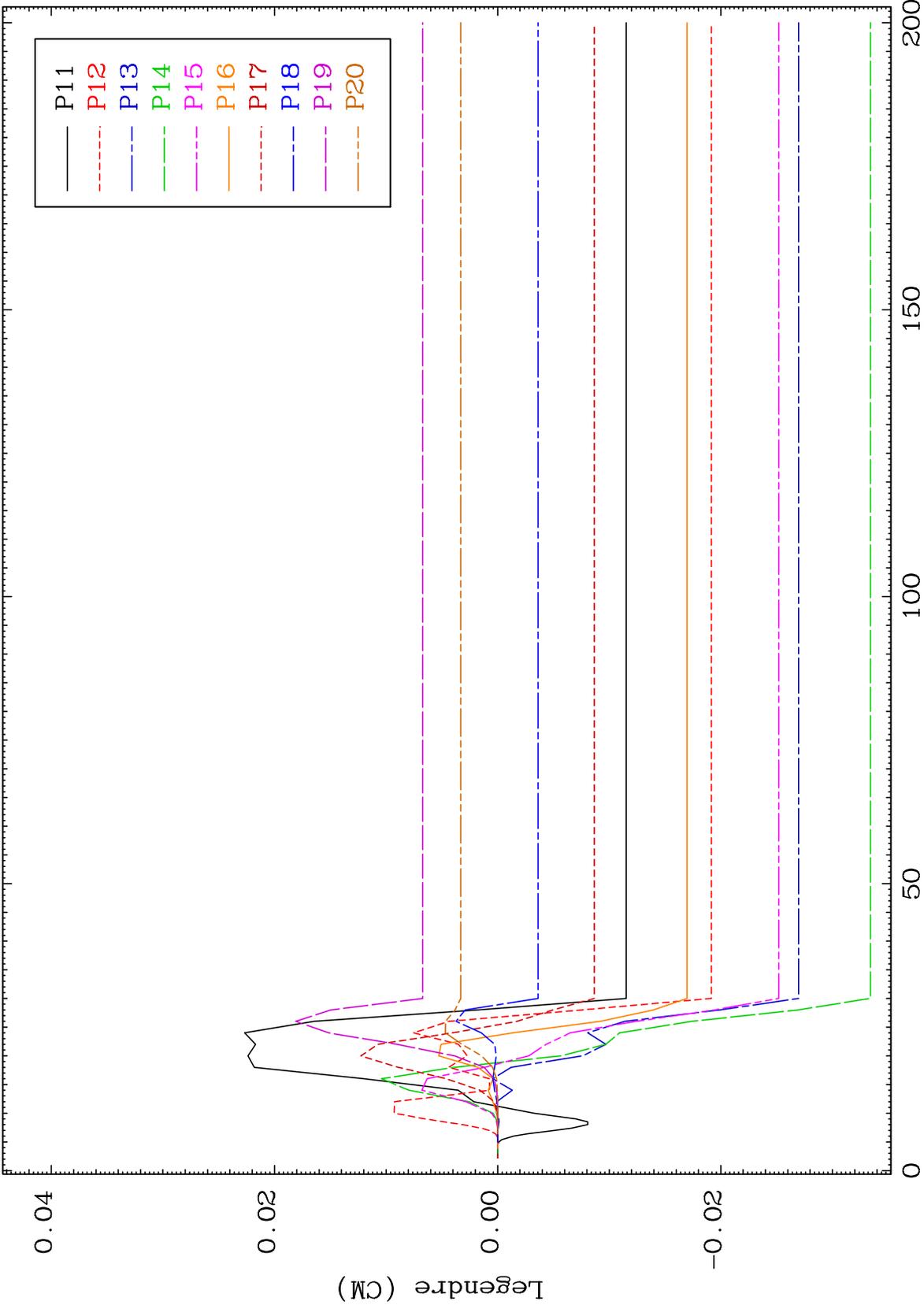
85-At-207



MAT 8537

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

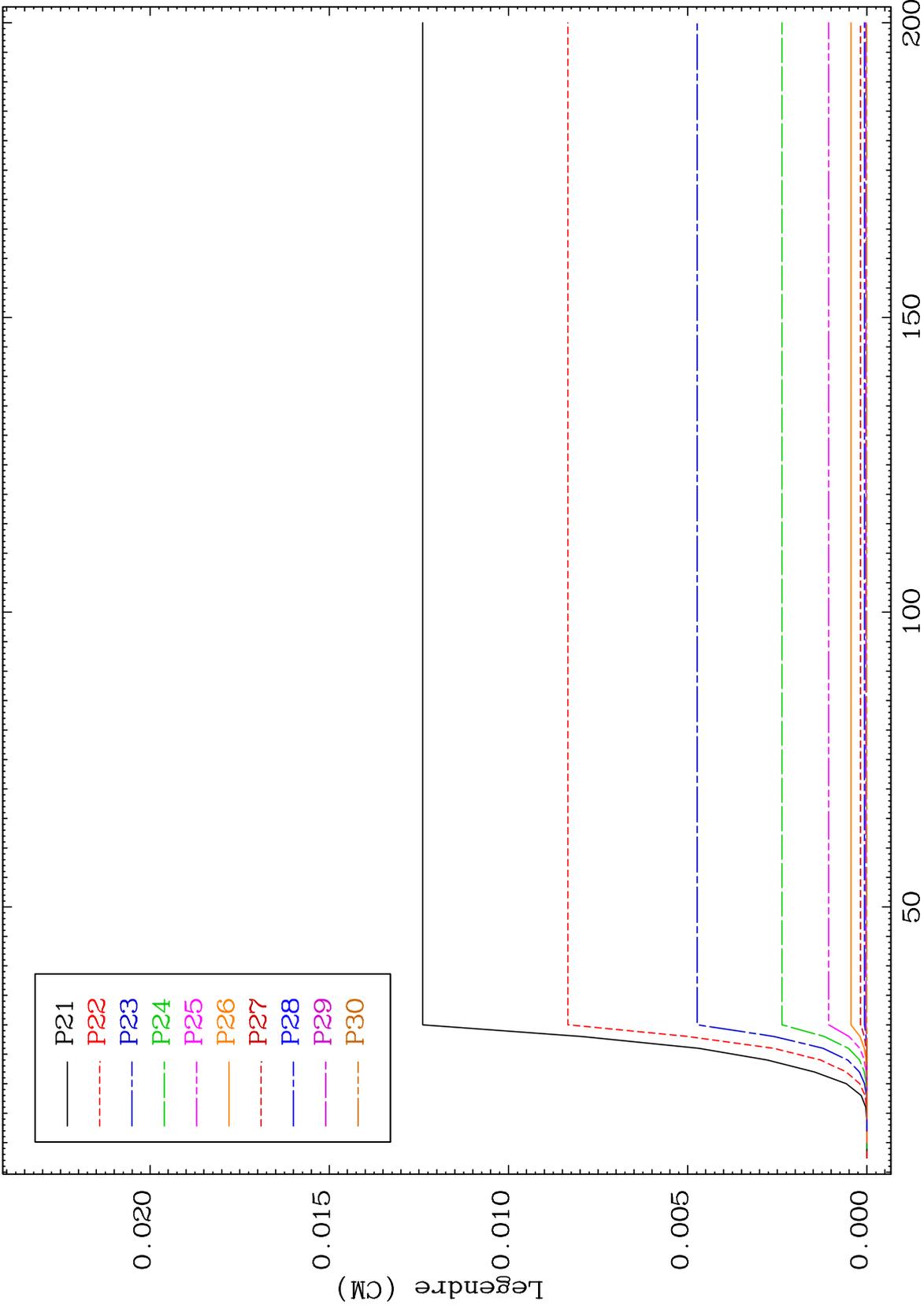
85-At-207



85

Incident Energy (MeV)

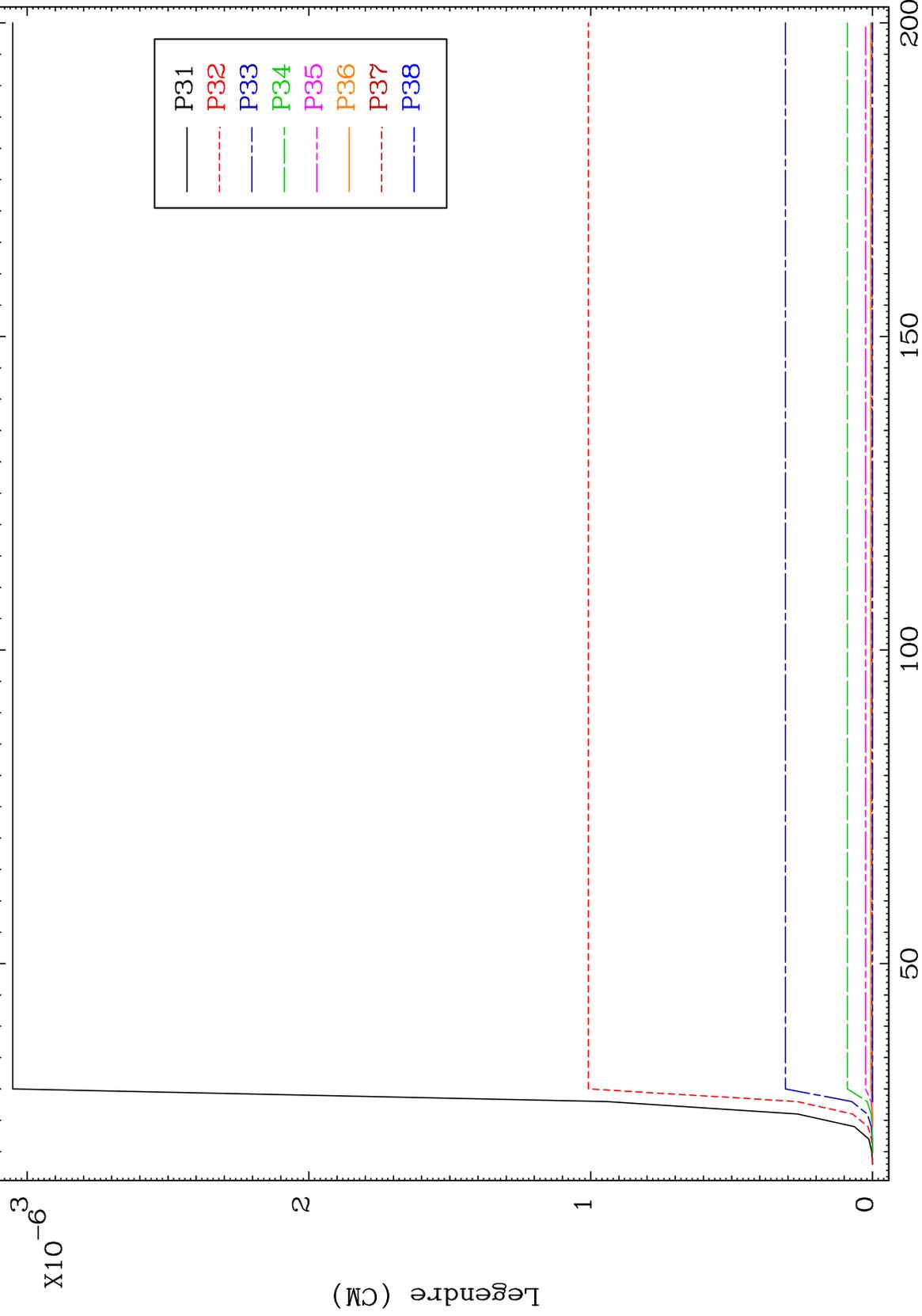
85-At-207



MAT 8537

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

85-At-207



87

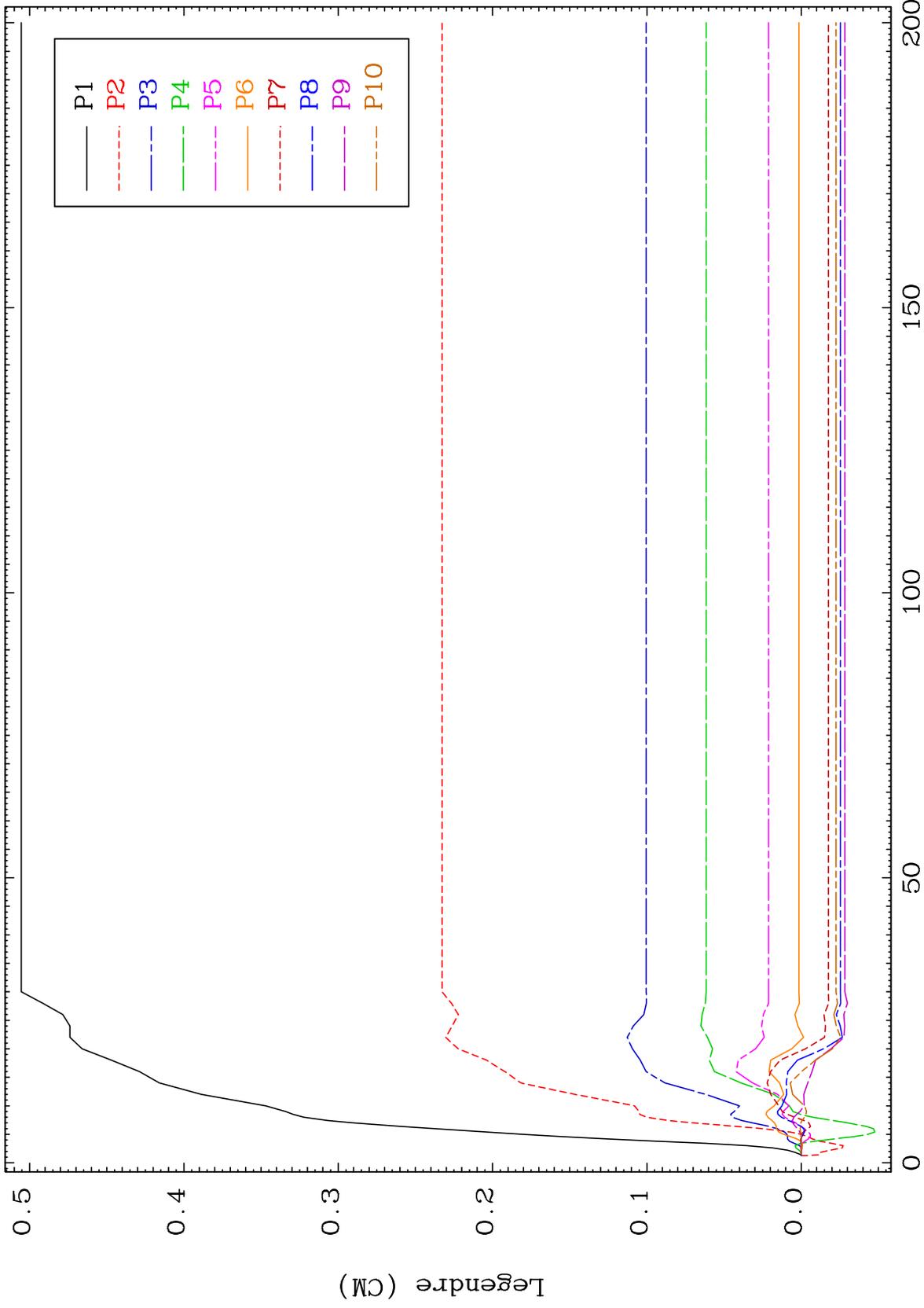
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



88

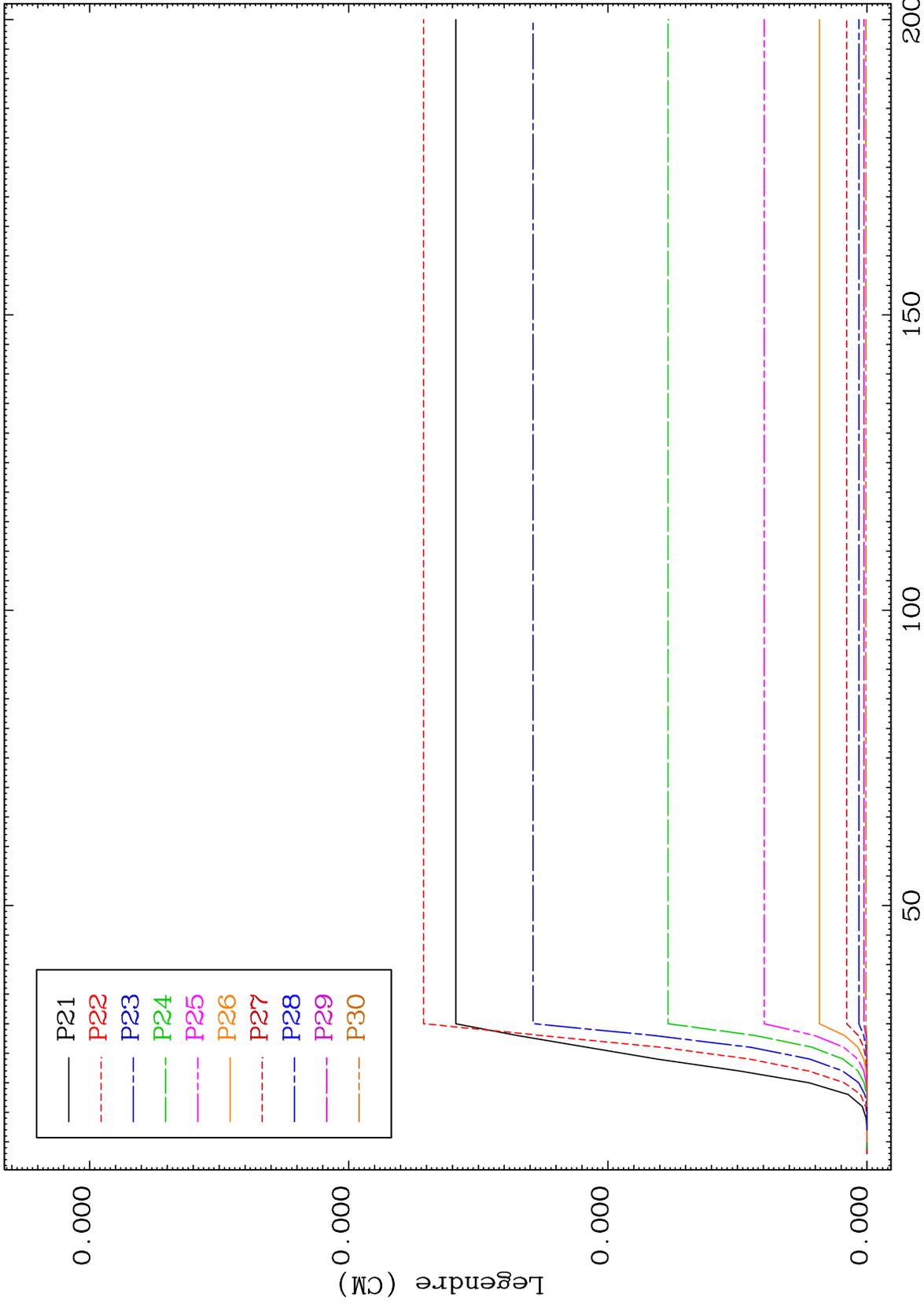
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



90

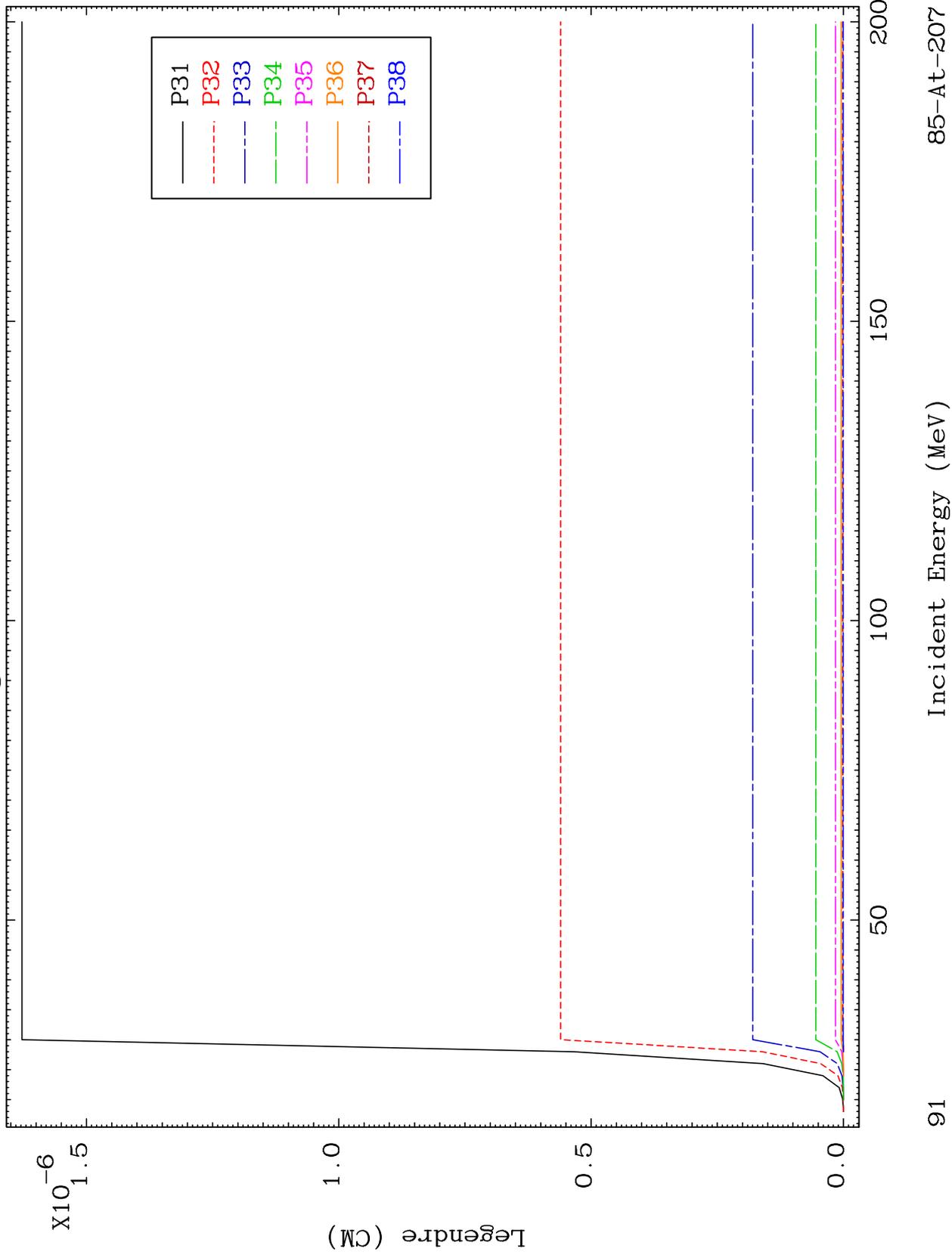
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



91

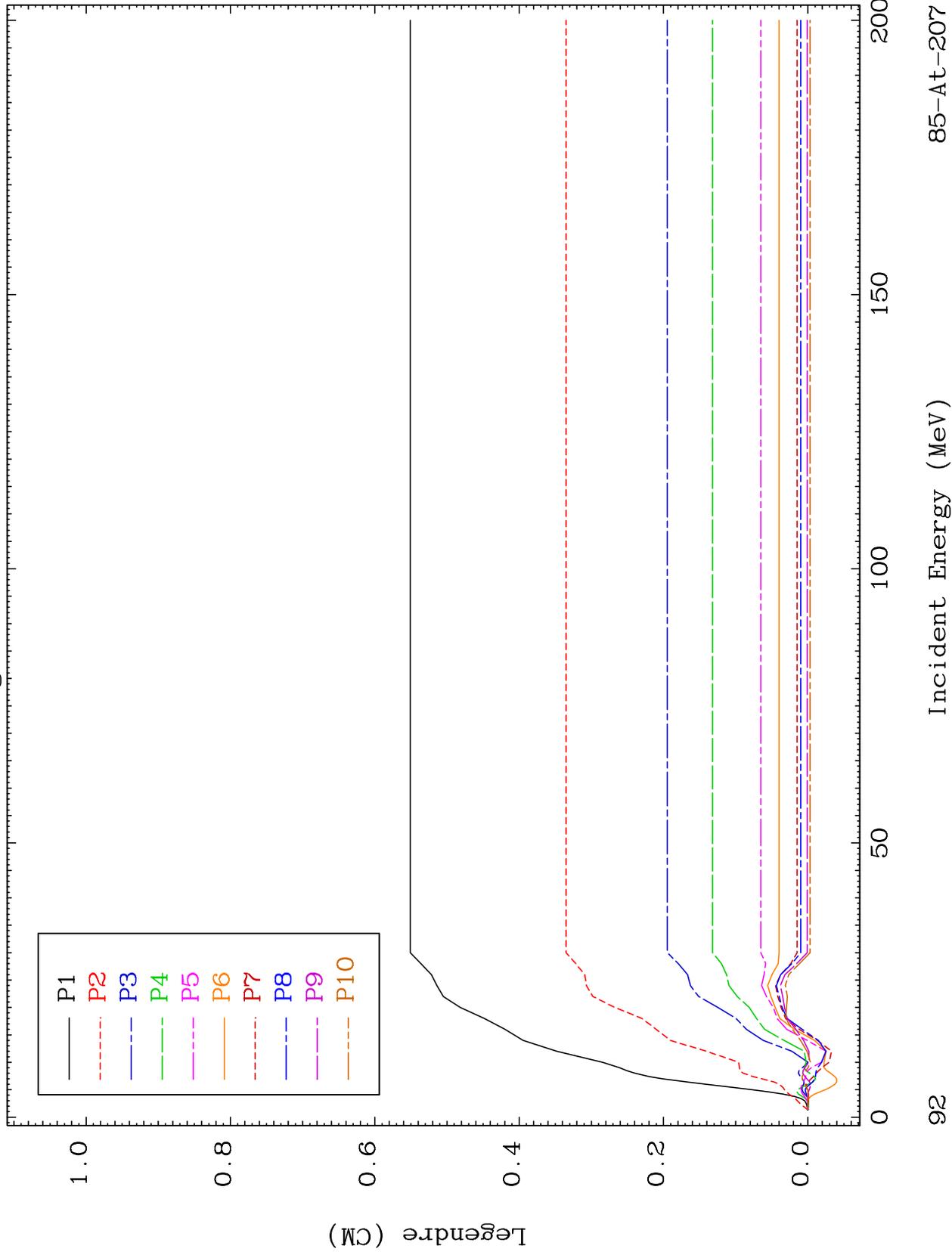
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



92

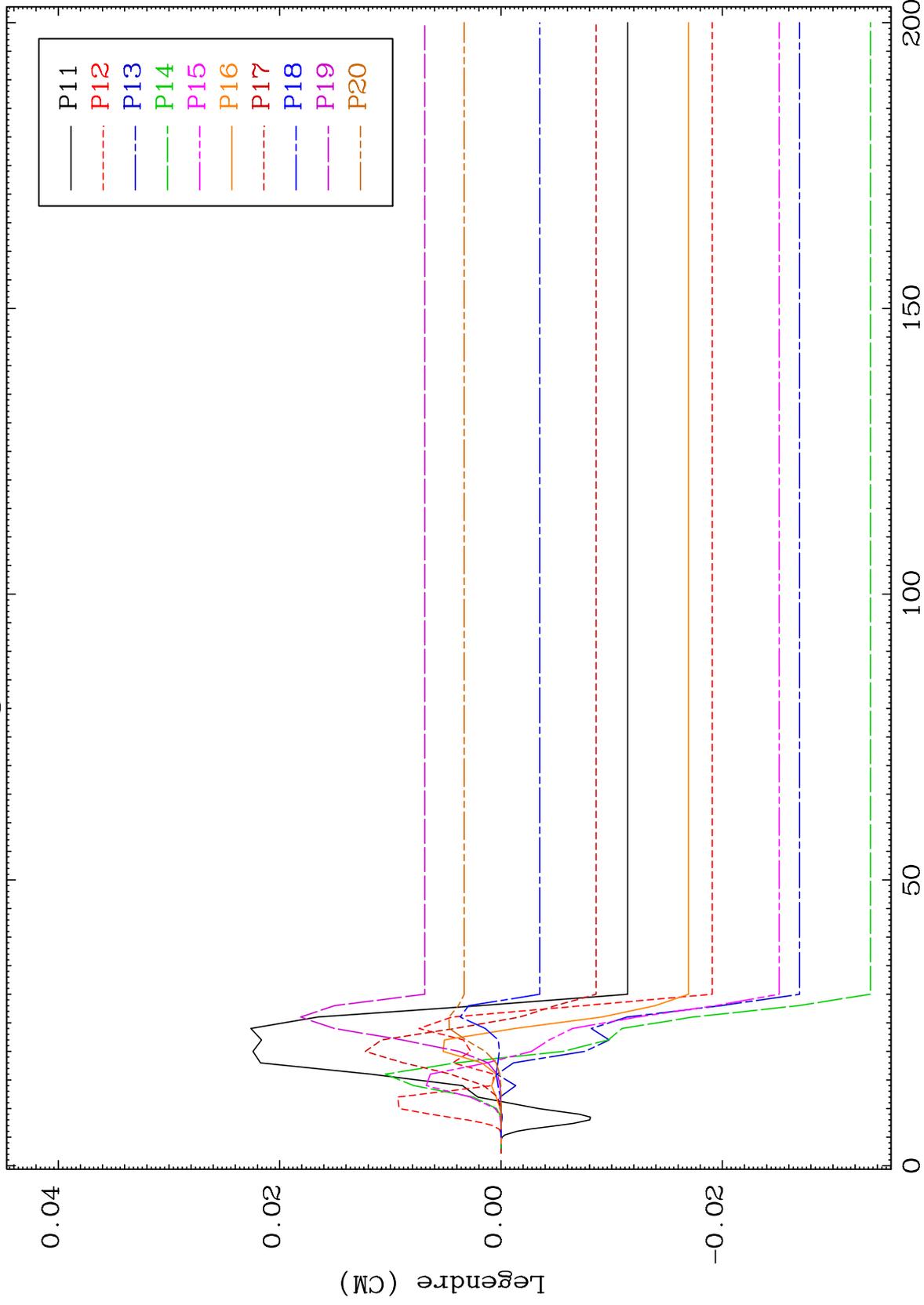
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



93

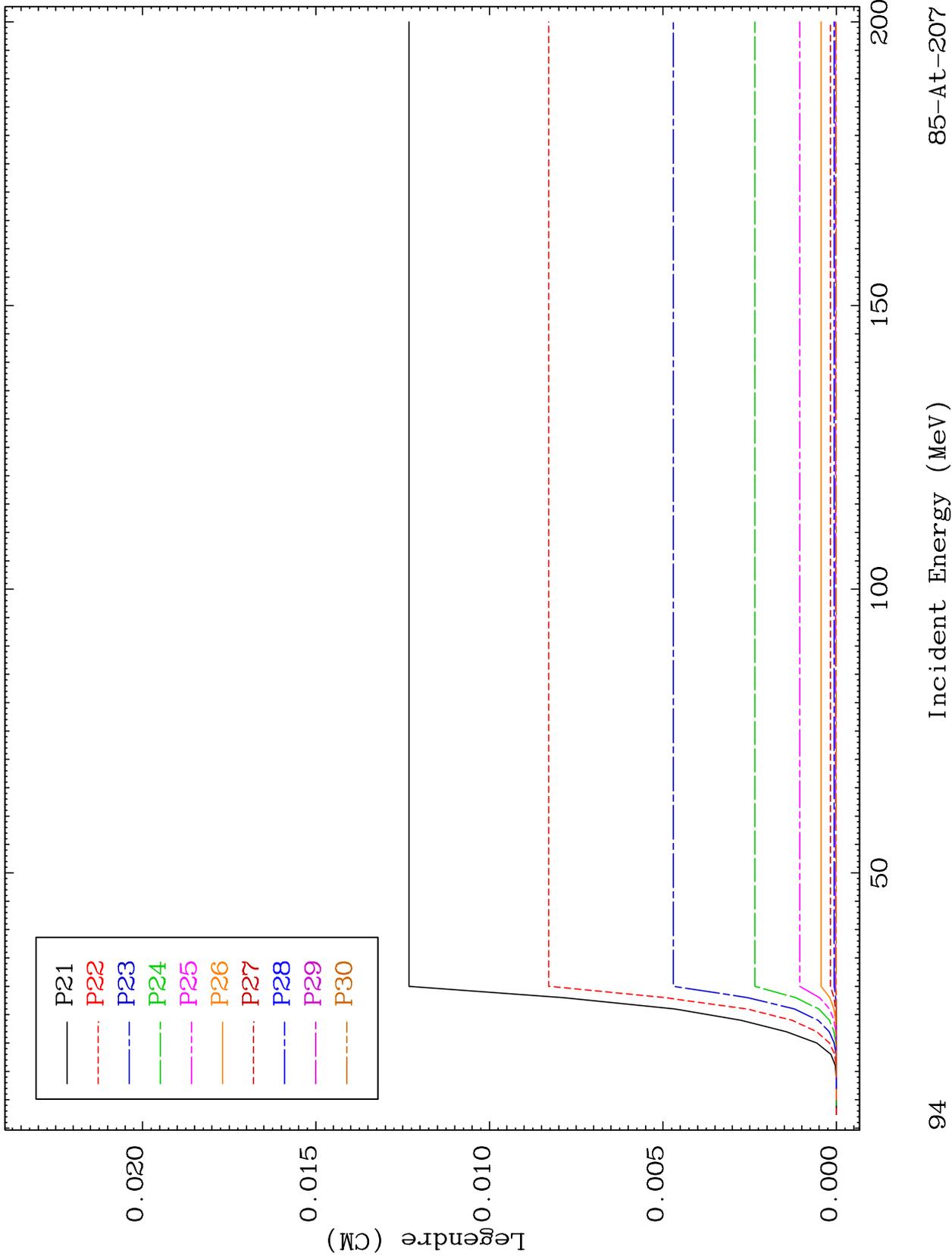
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



94

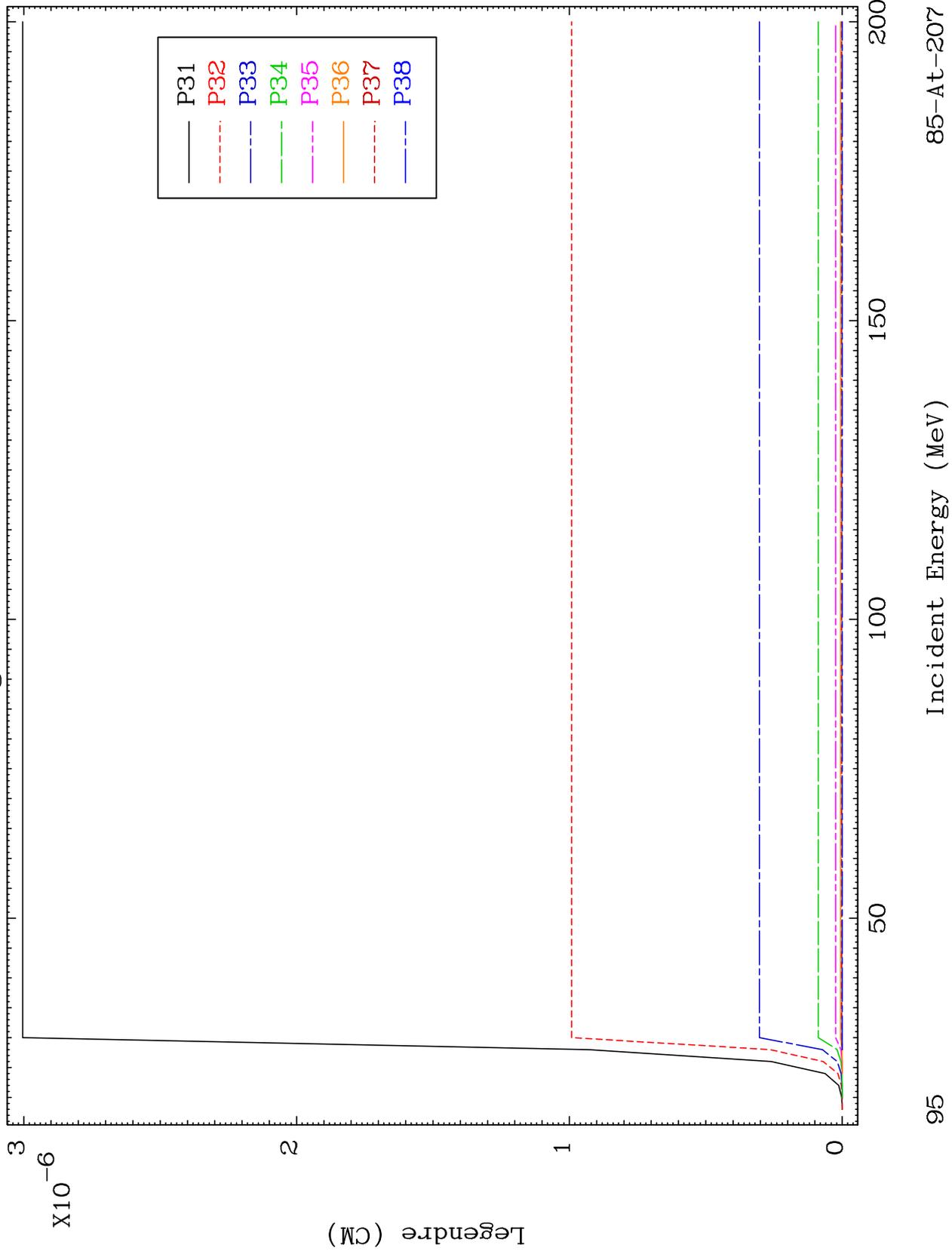
Incident Energy (MeV)

85-At-207

MAT 8537

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

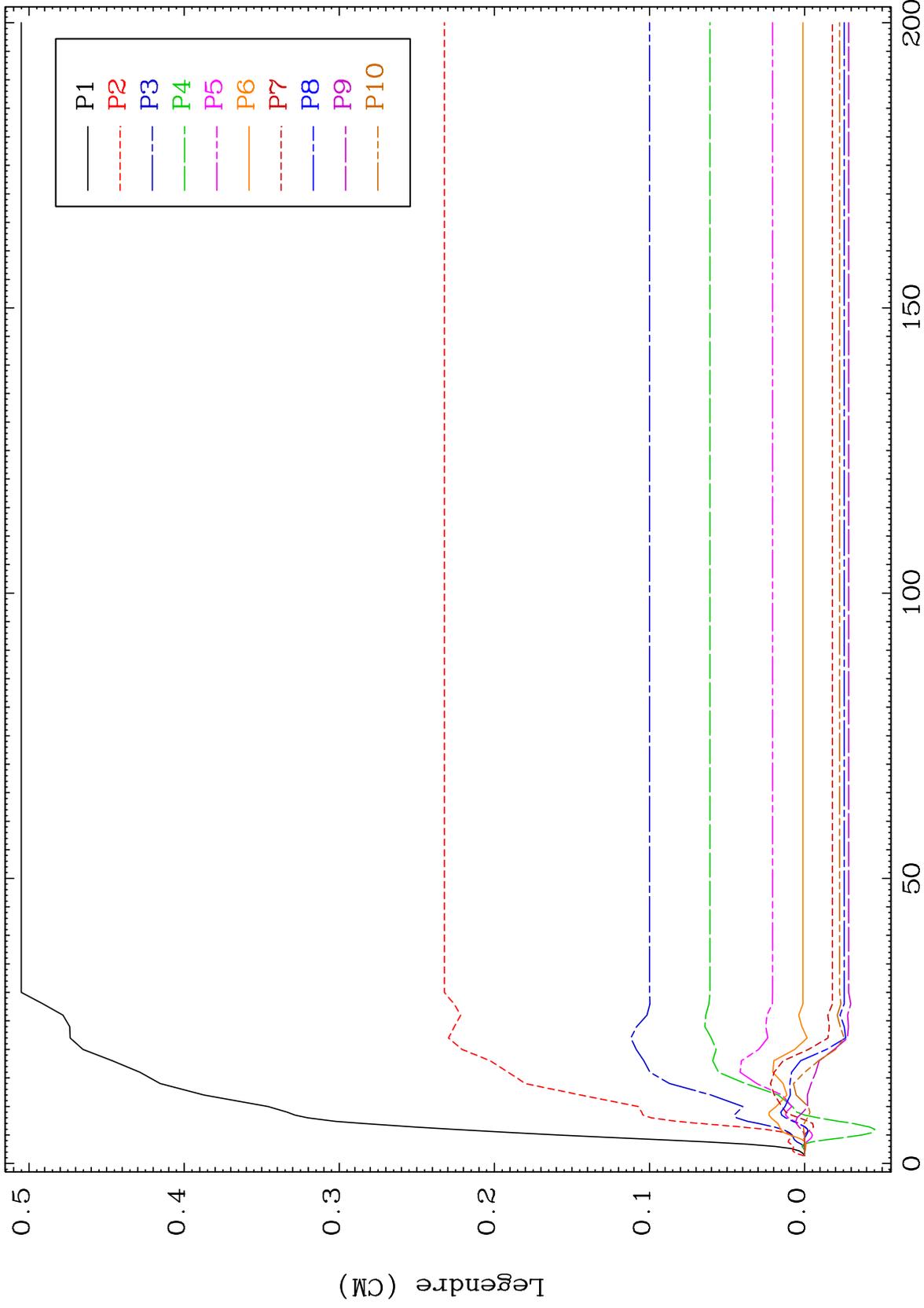
85-At-207



MAT 8537

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

85-At-207



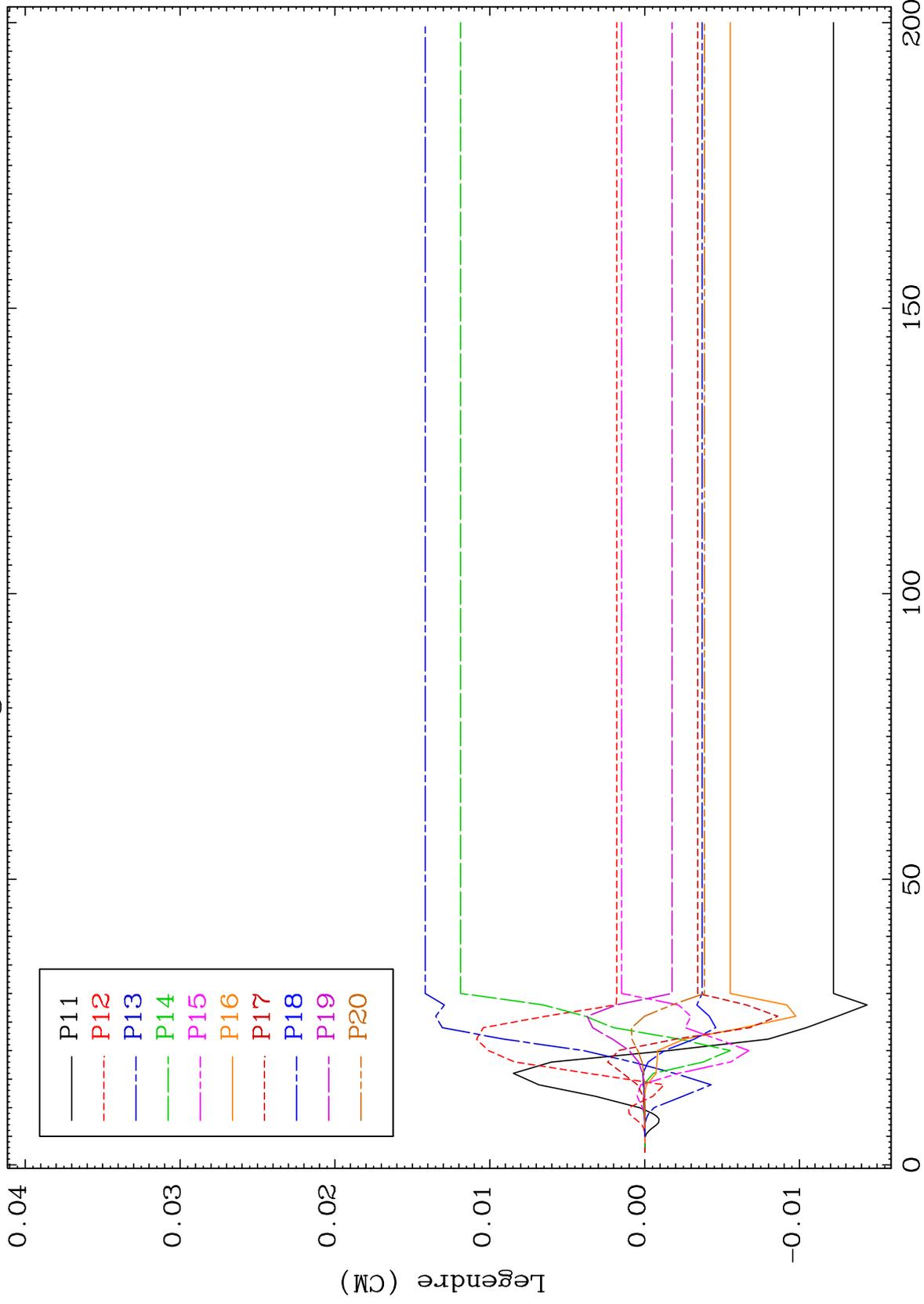
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85-At-207

MAT 8537

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

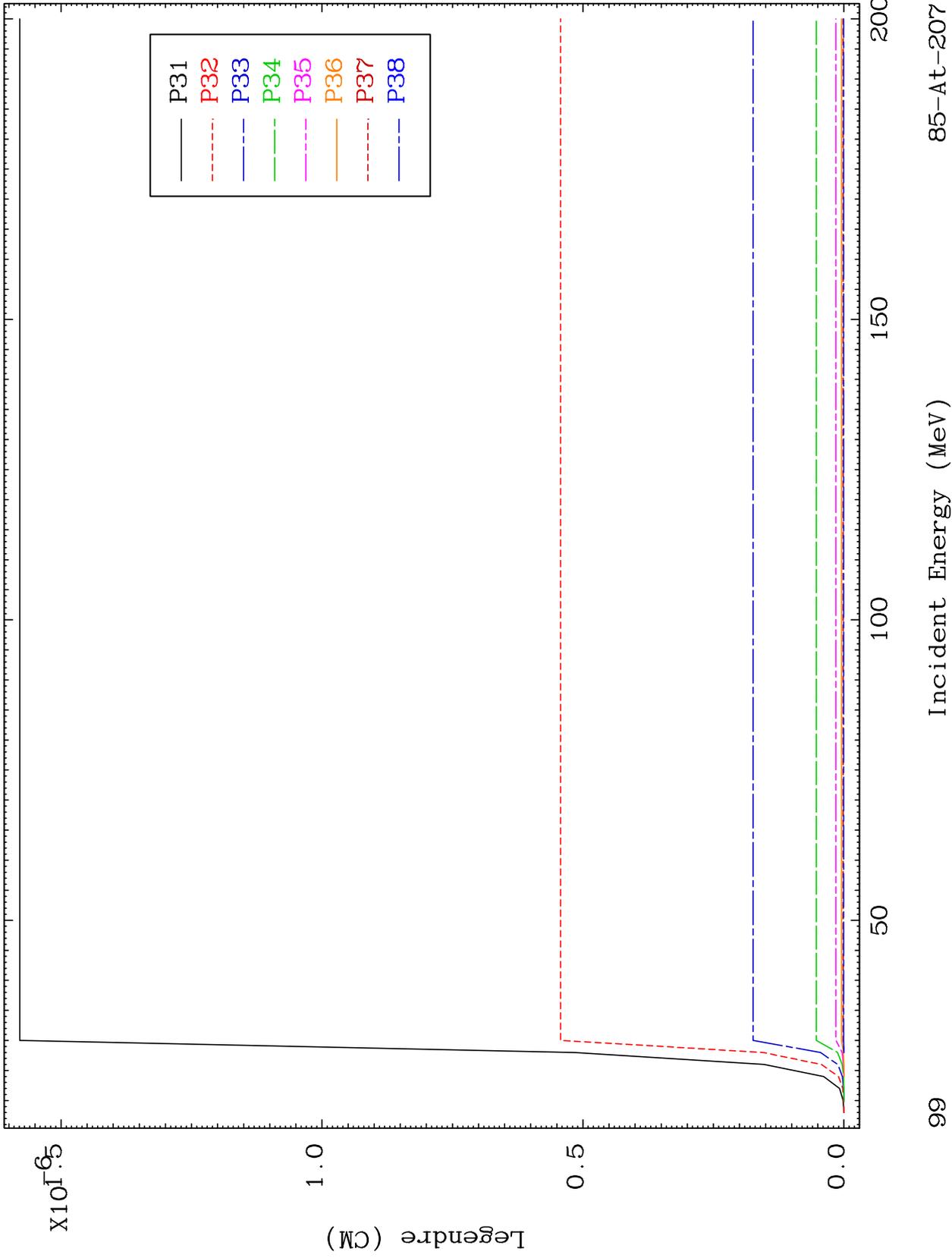
85-At-207



97

Incident Energy (MeV)

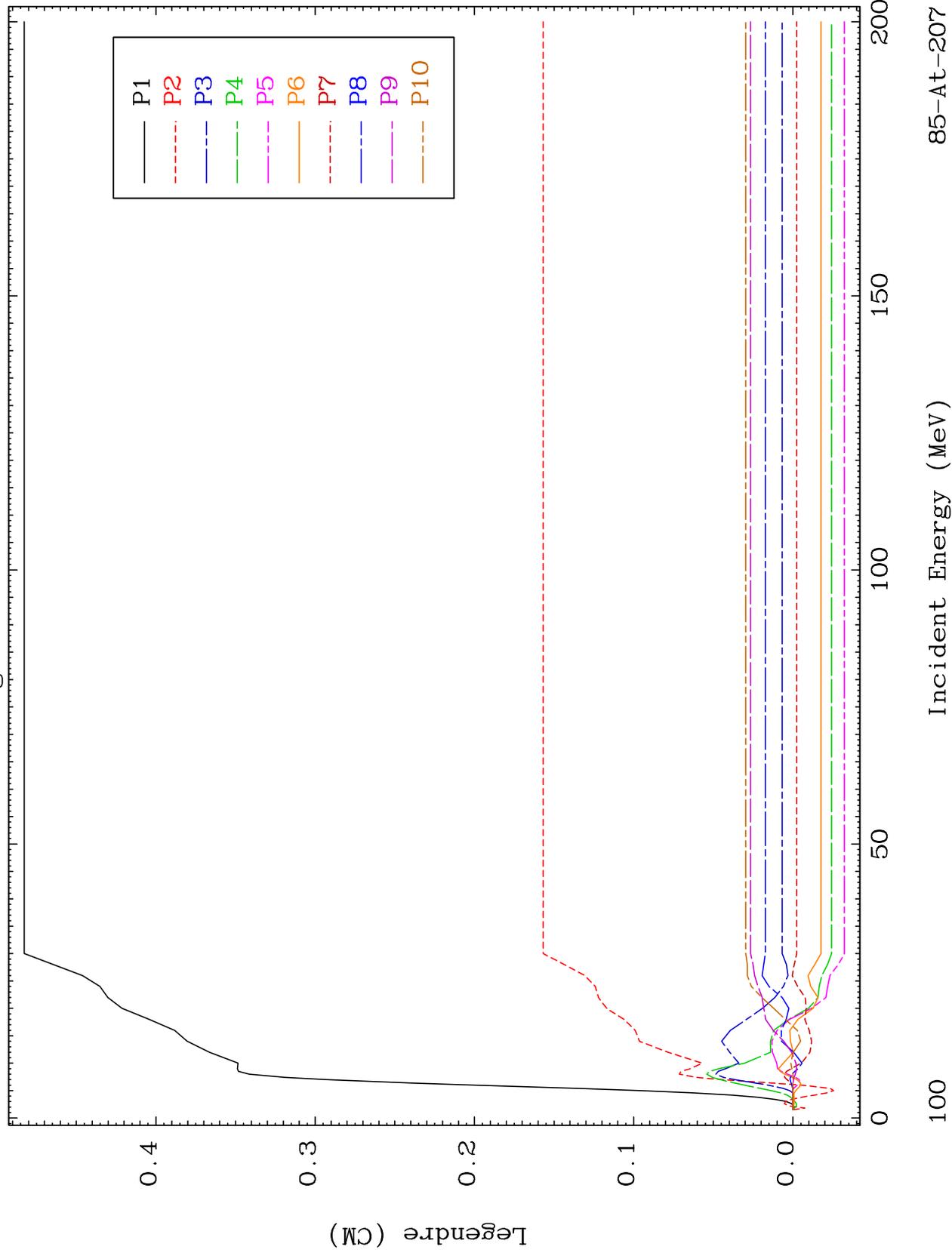
85-At-207



MAT 8537

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

85-At-207



85-At-207

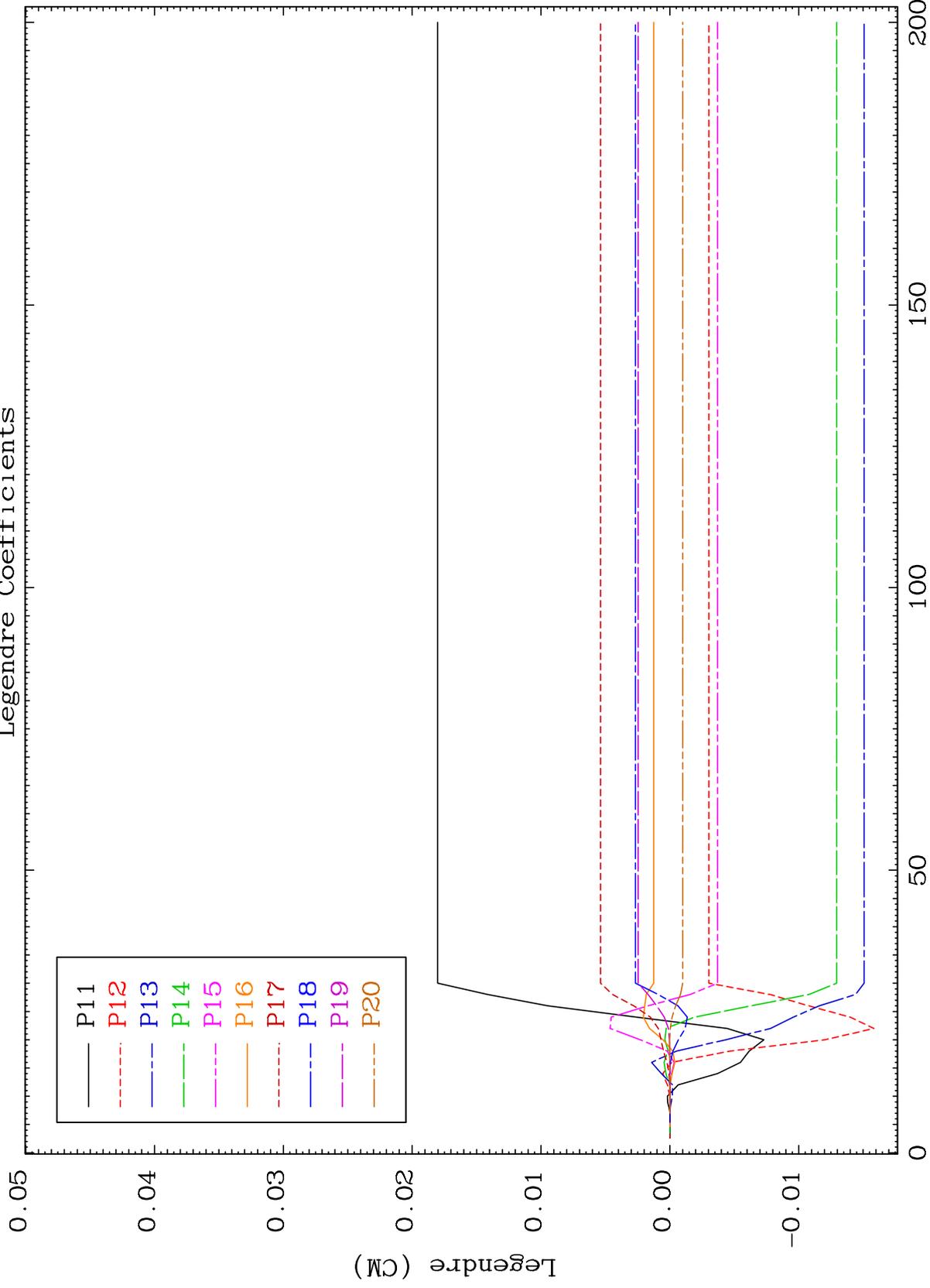
Incident Energy (MeV)

100

MAT 8537

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

85-At-207



101

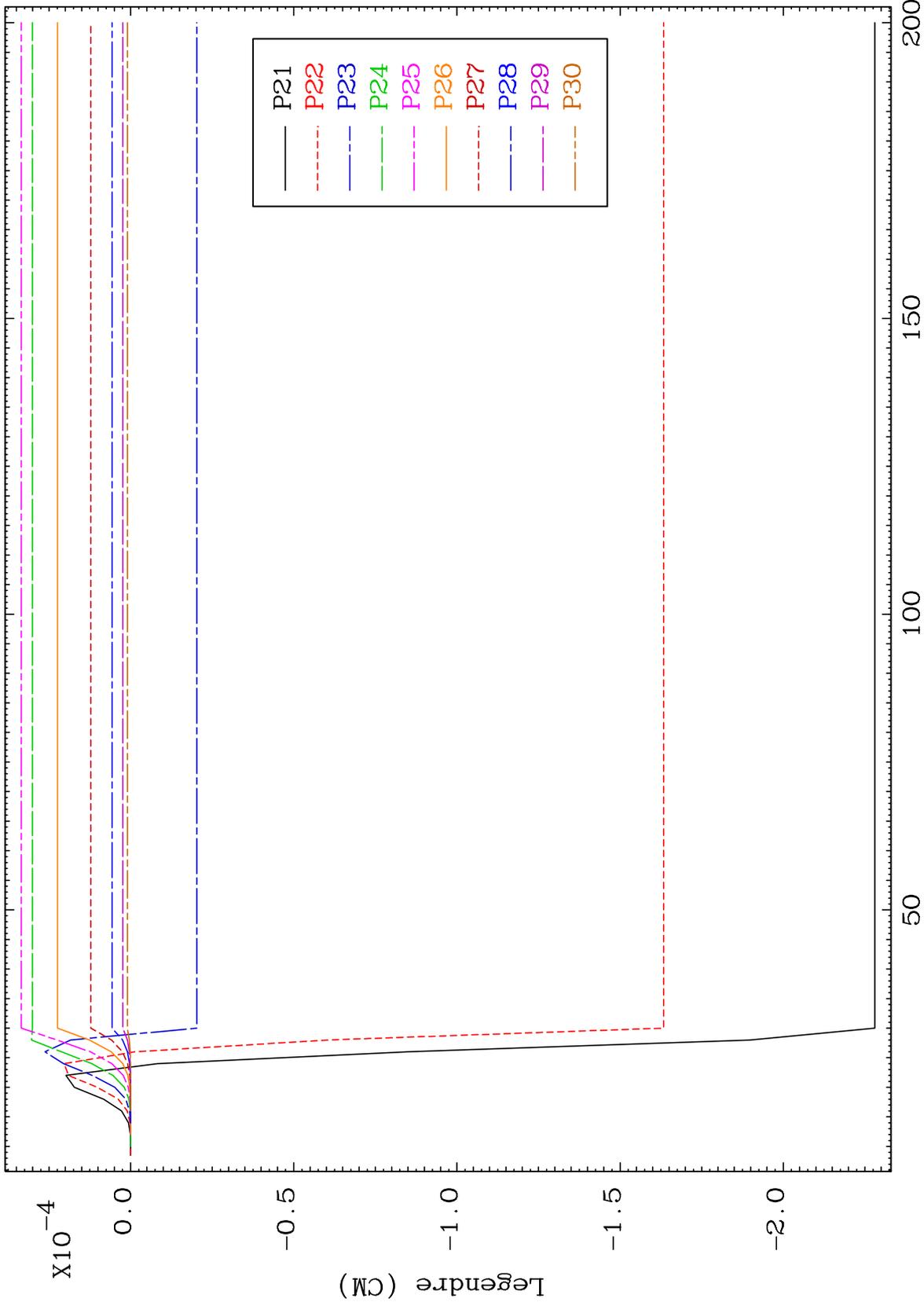
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



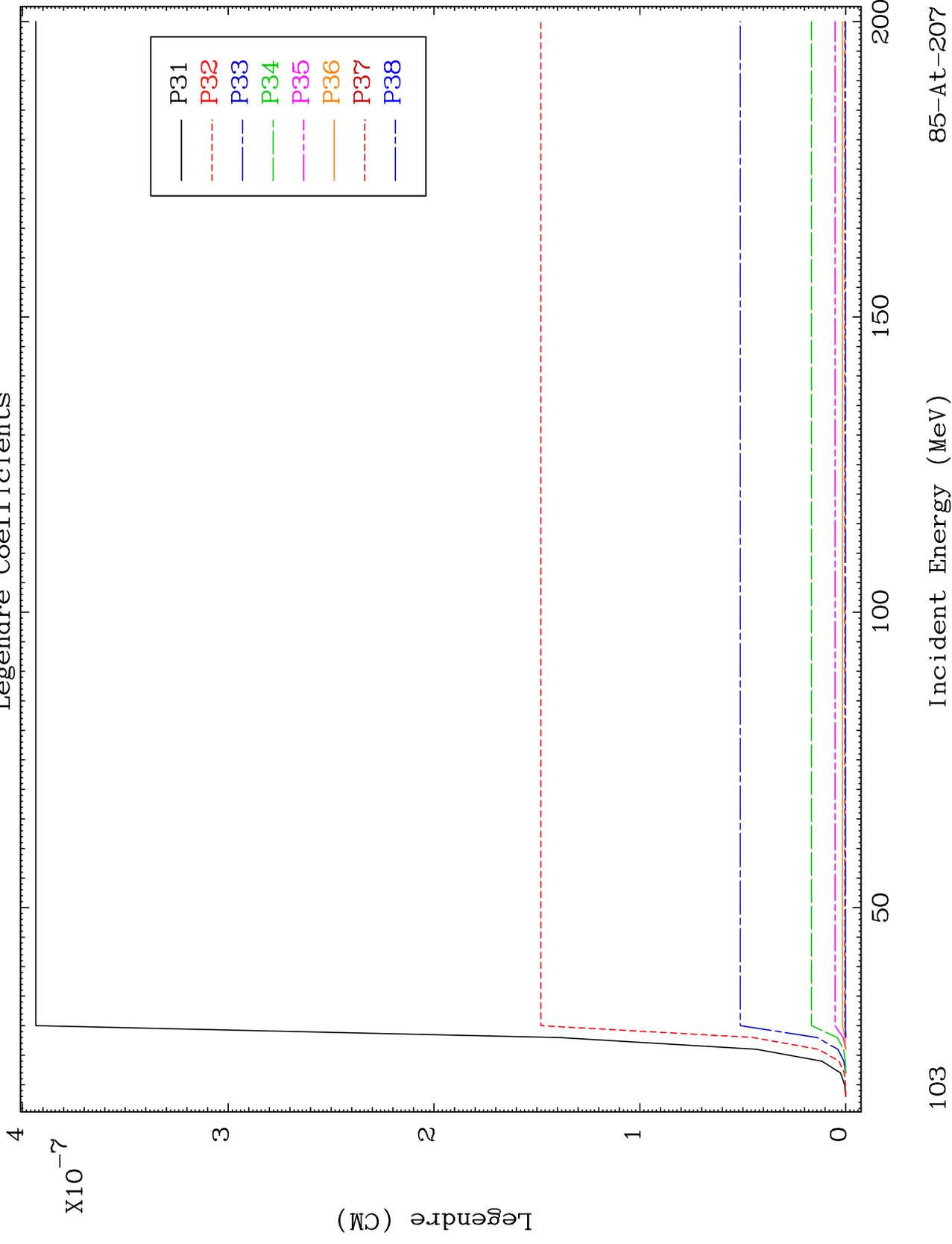
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85-At-207

MAT 8537

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

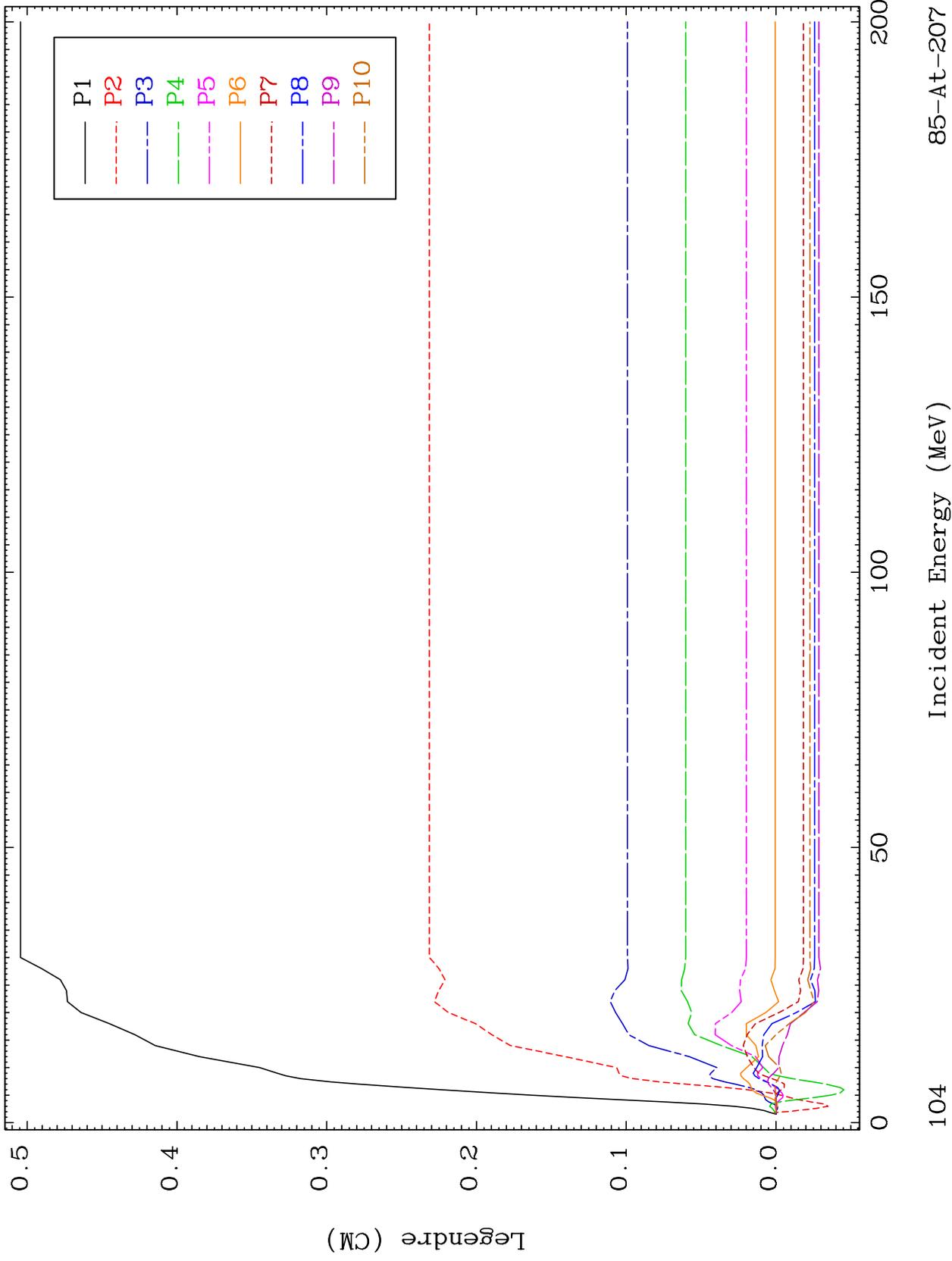
85-At-207



MAT 8537

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

85-At-207



85-At-207

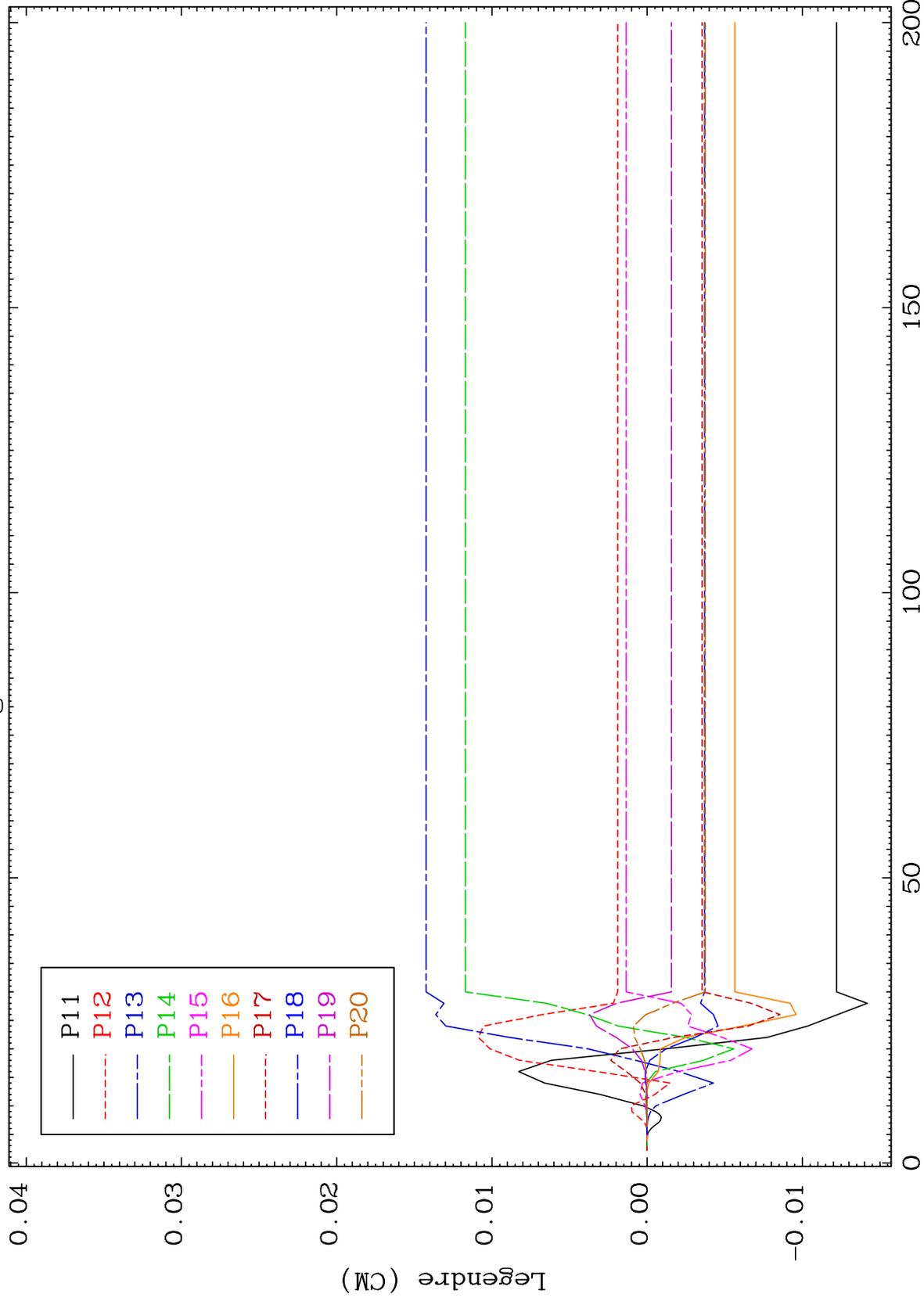
Incident Energy (MeV)

104

MAT 8537

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

85-At-207



105

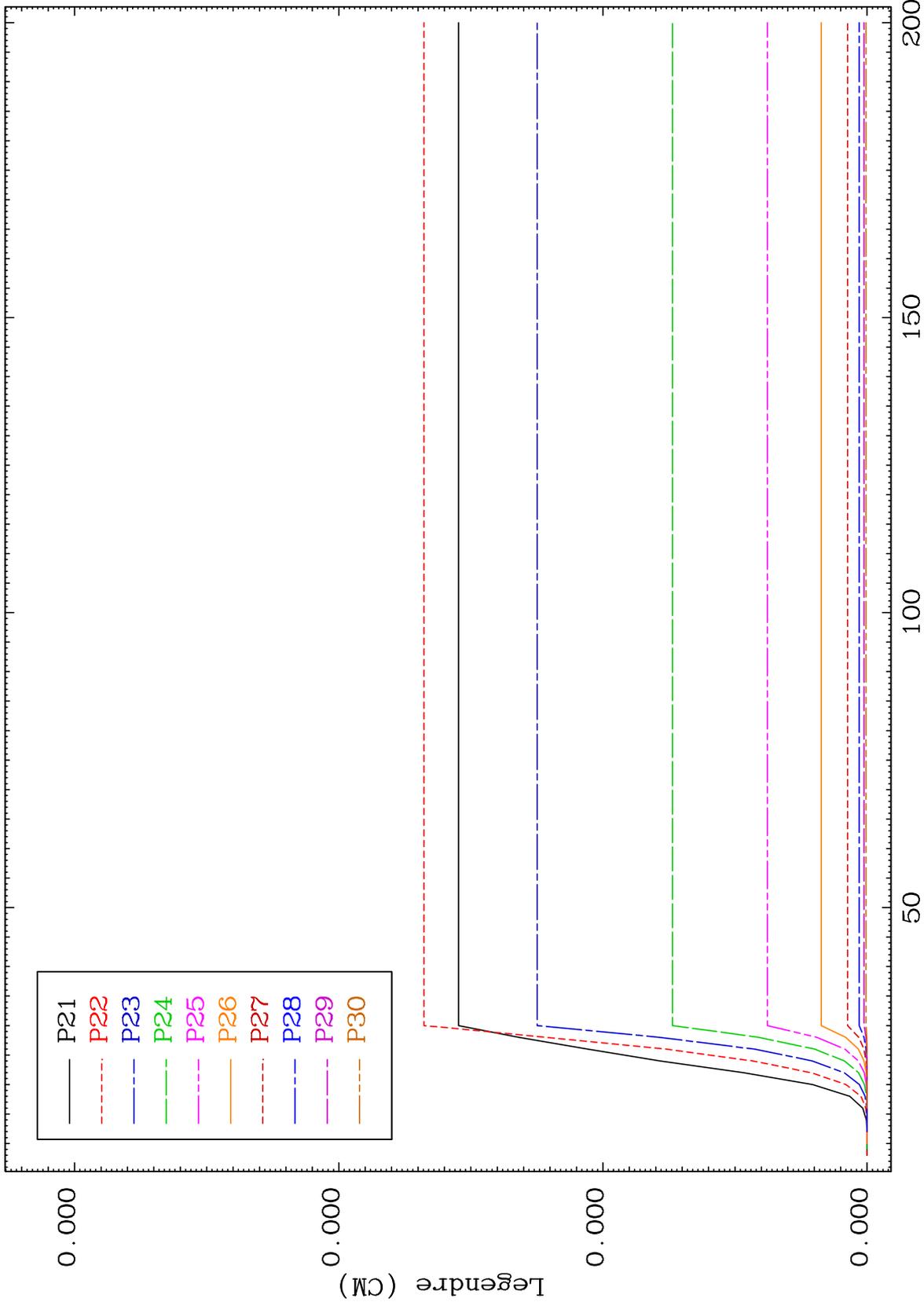
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



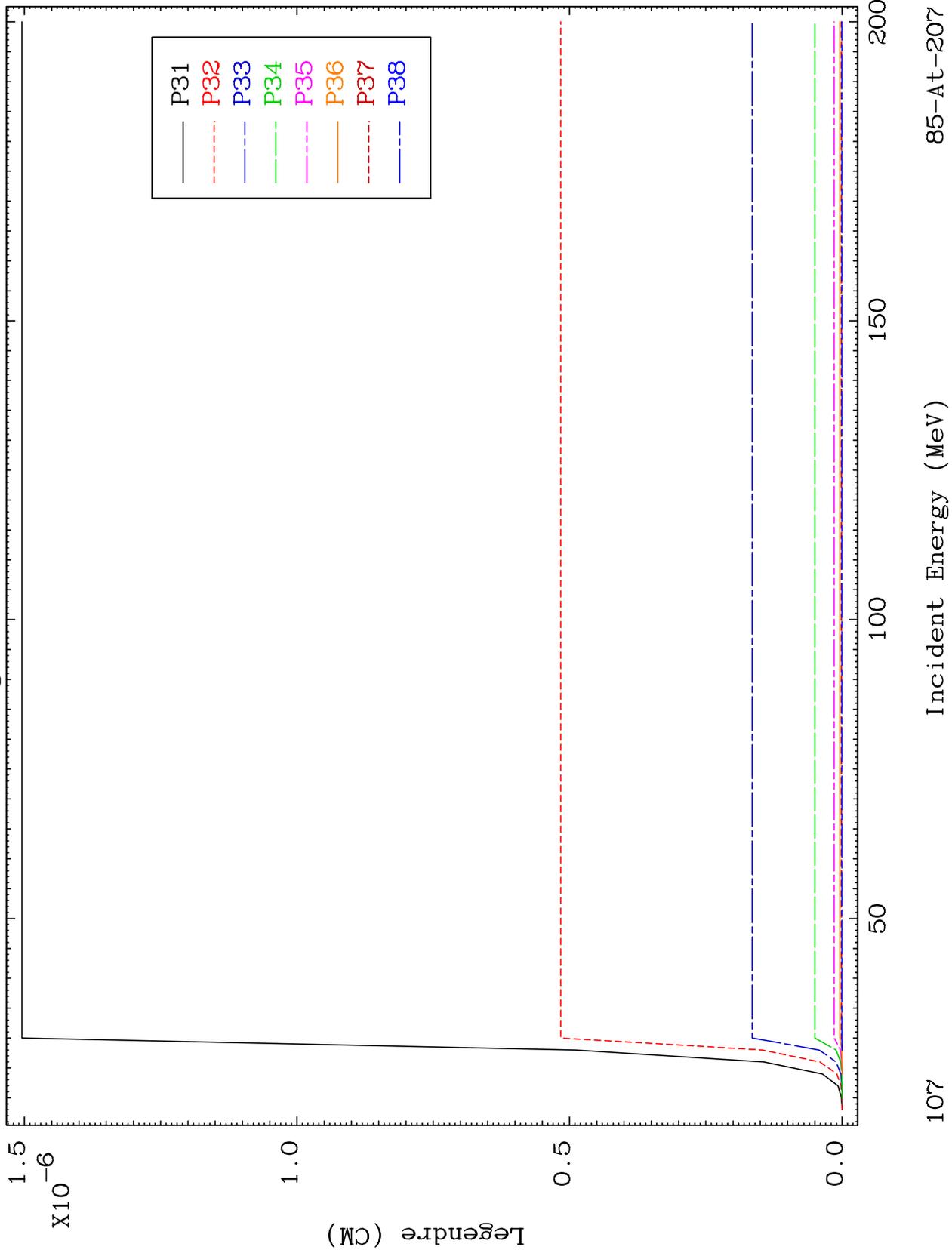
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85-At-207

MAT 8537

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

85-At-207



107

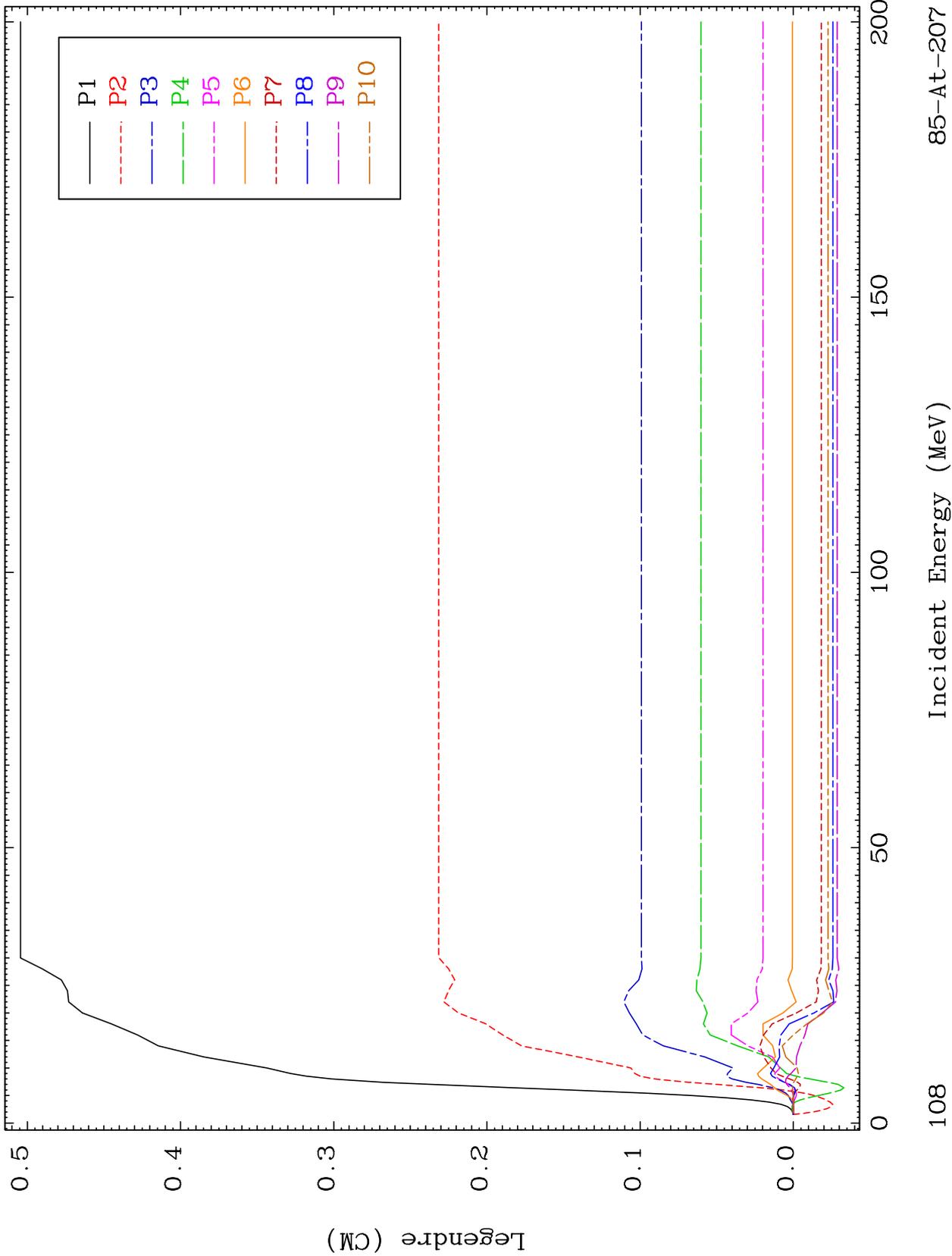
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



85-At-207

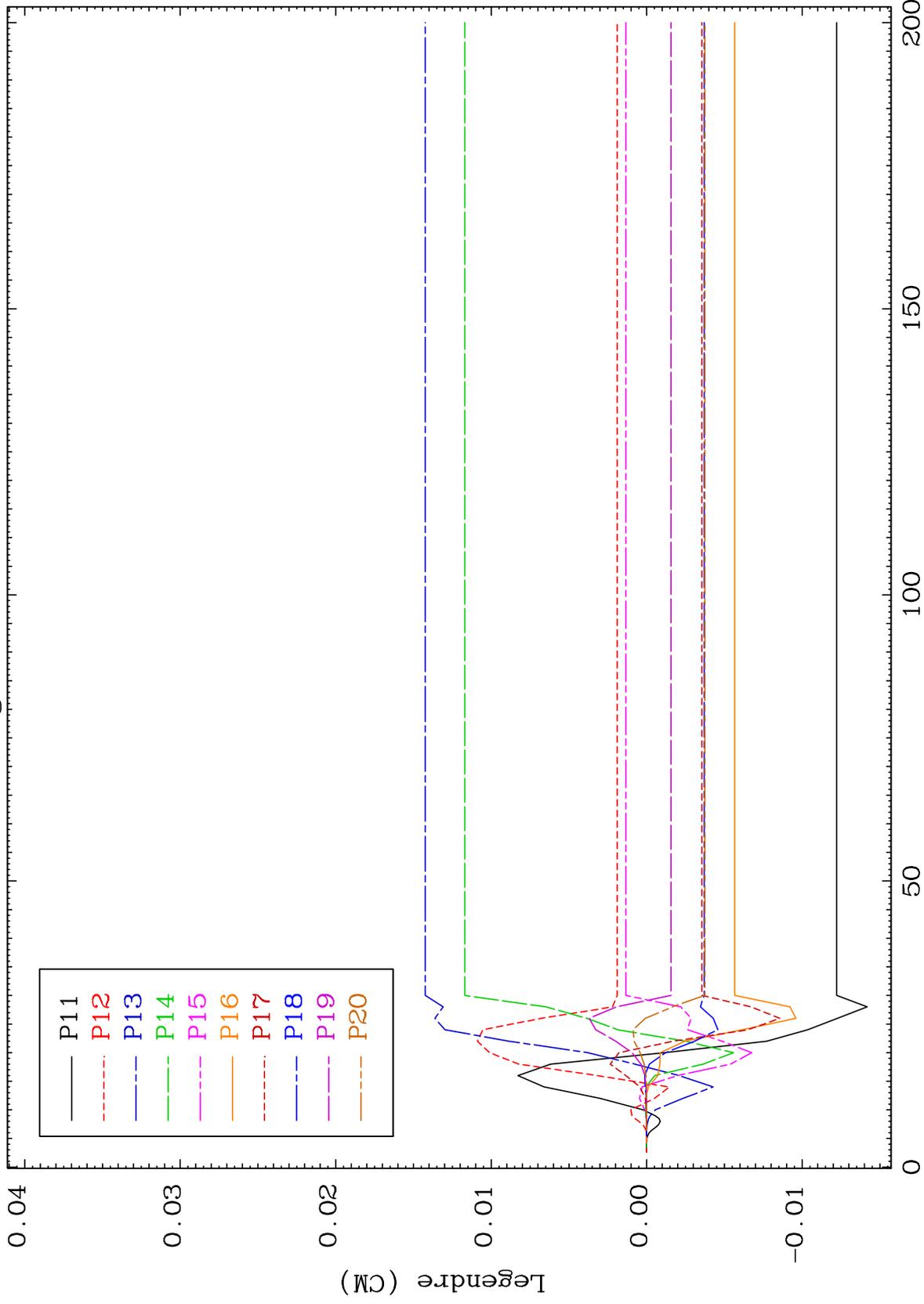
Incident Energy (MeV)

108

MAT 8537

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

85-At-207



109

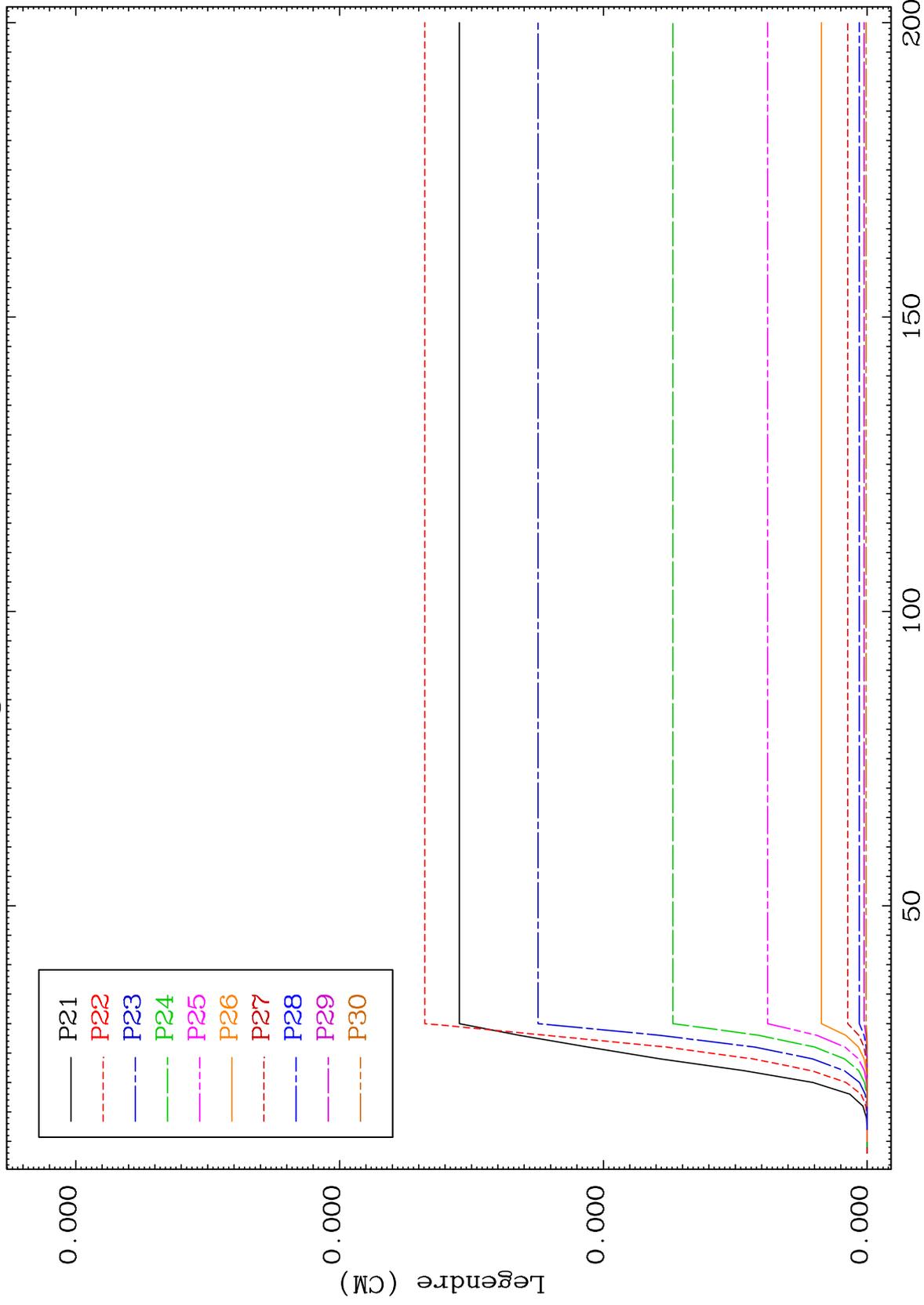
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



110

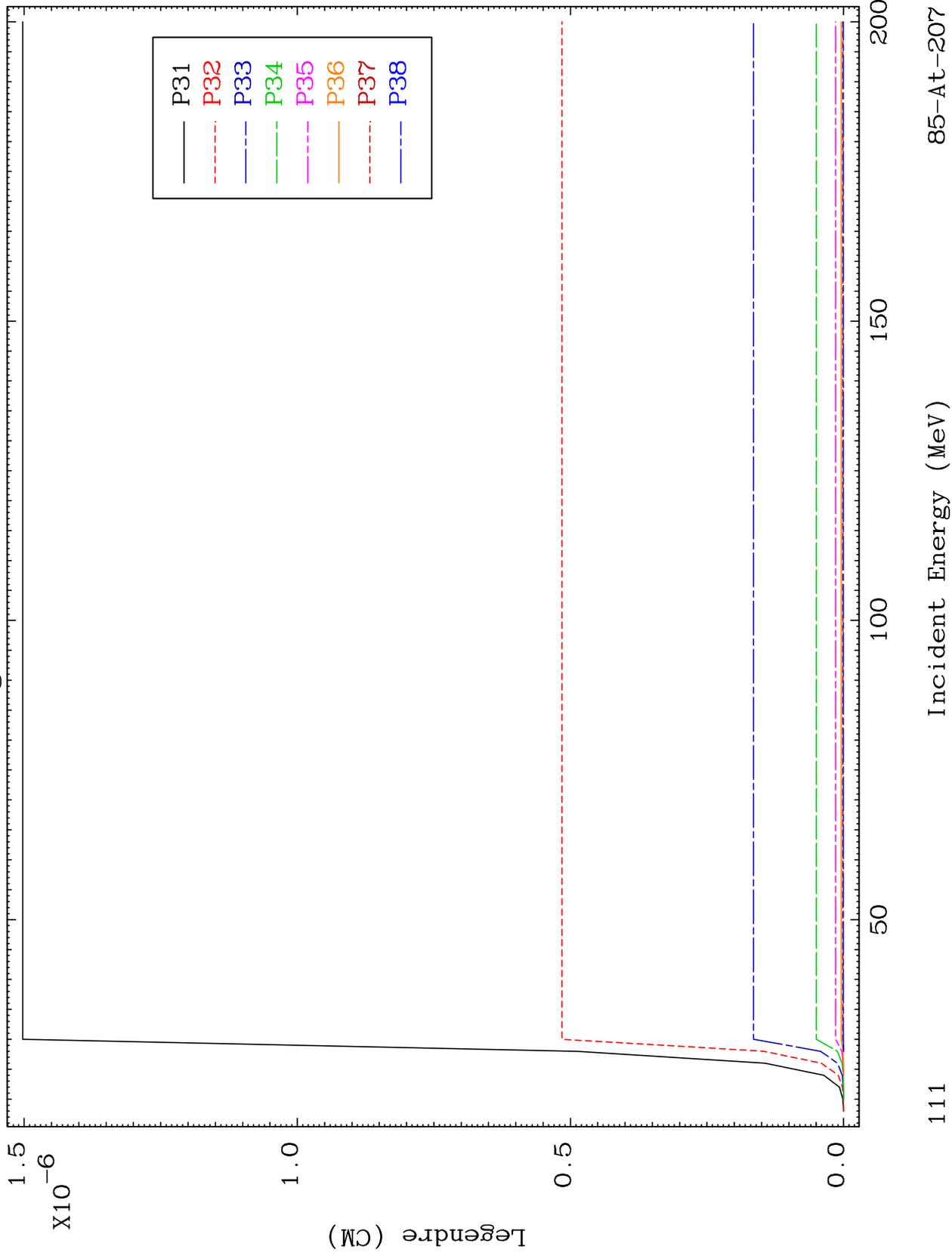
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



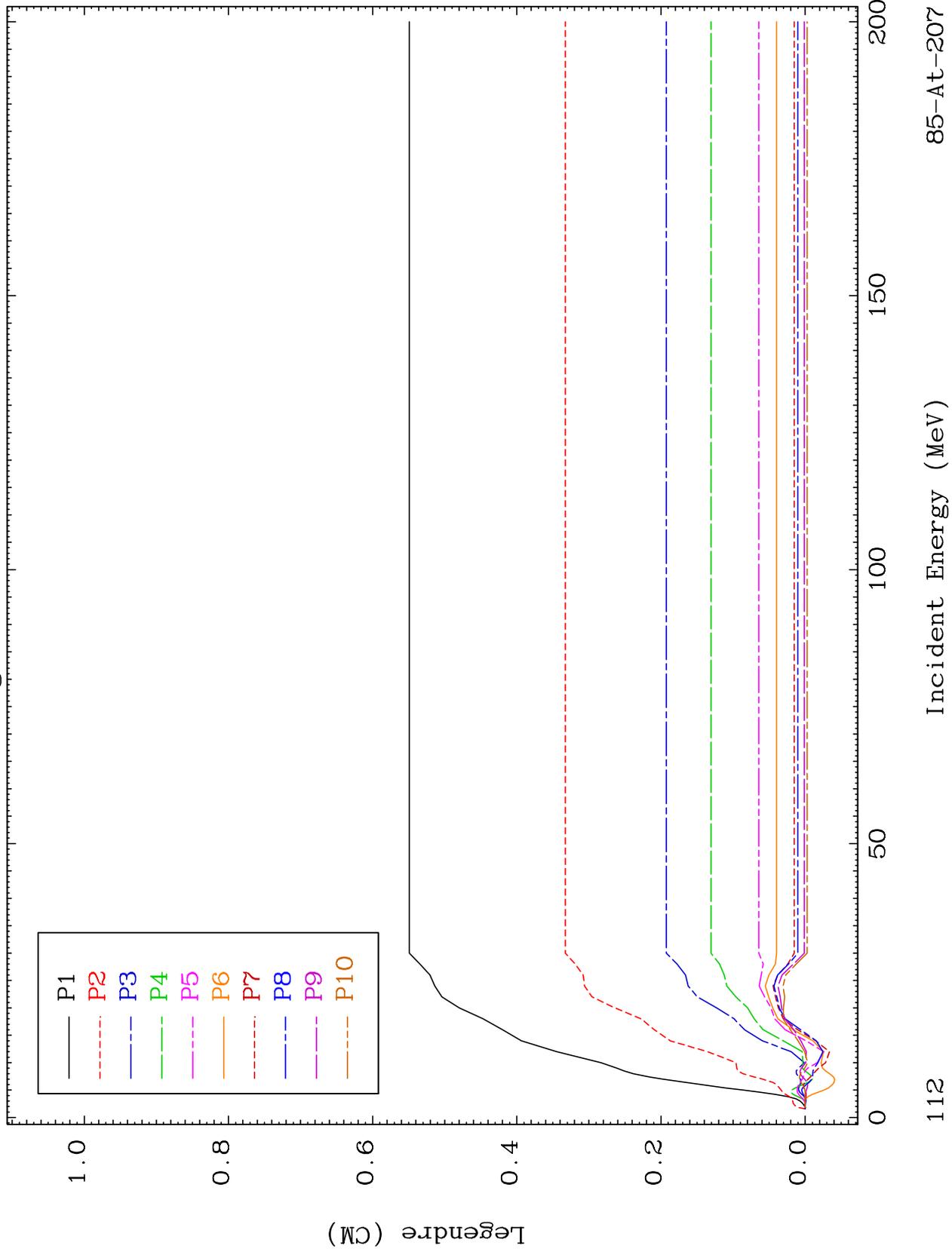
111

85-At-207

MAT 8537

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

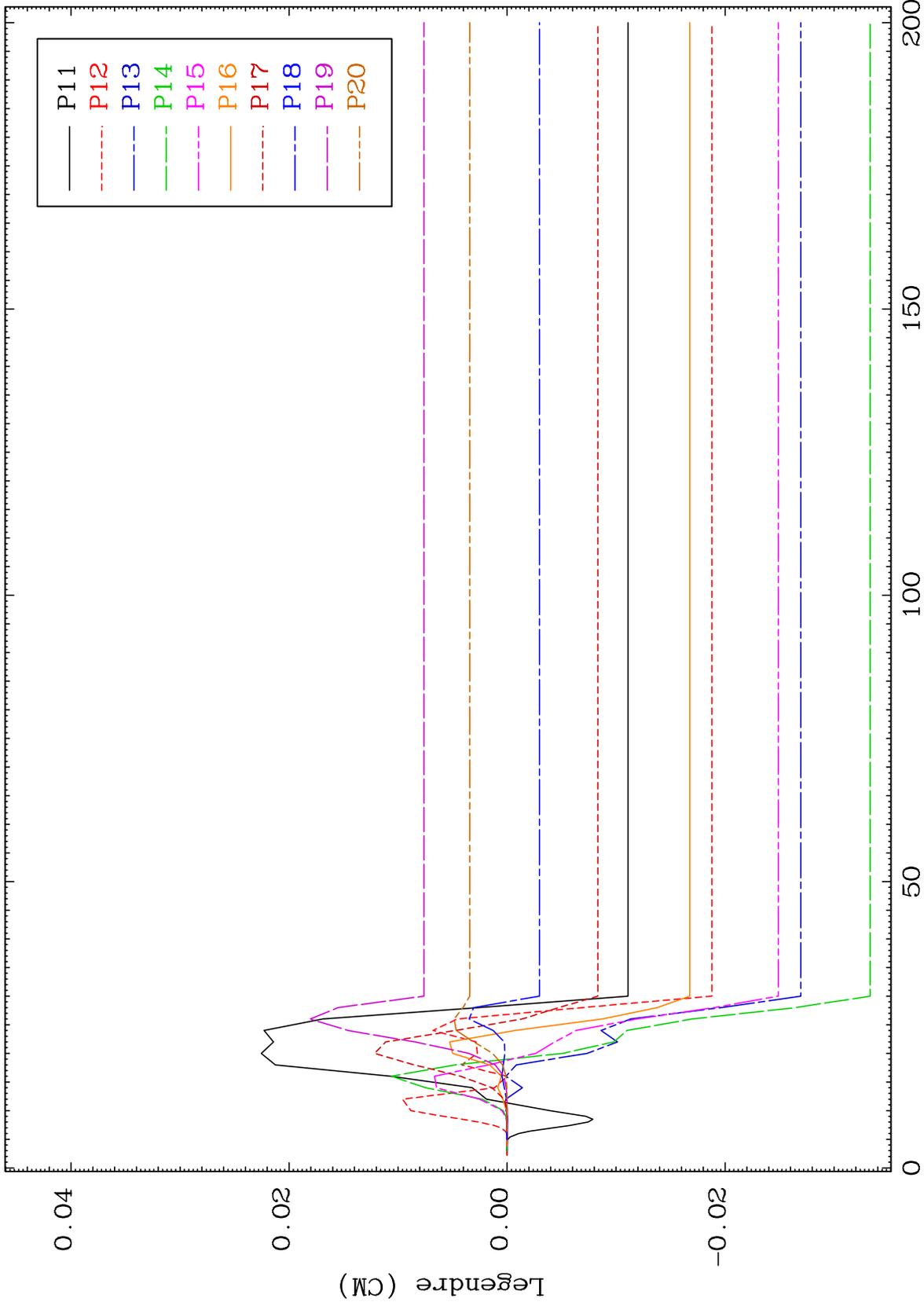
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MAT 8537

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

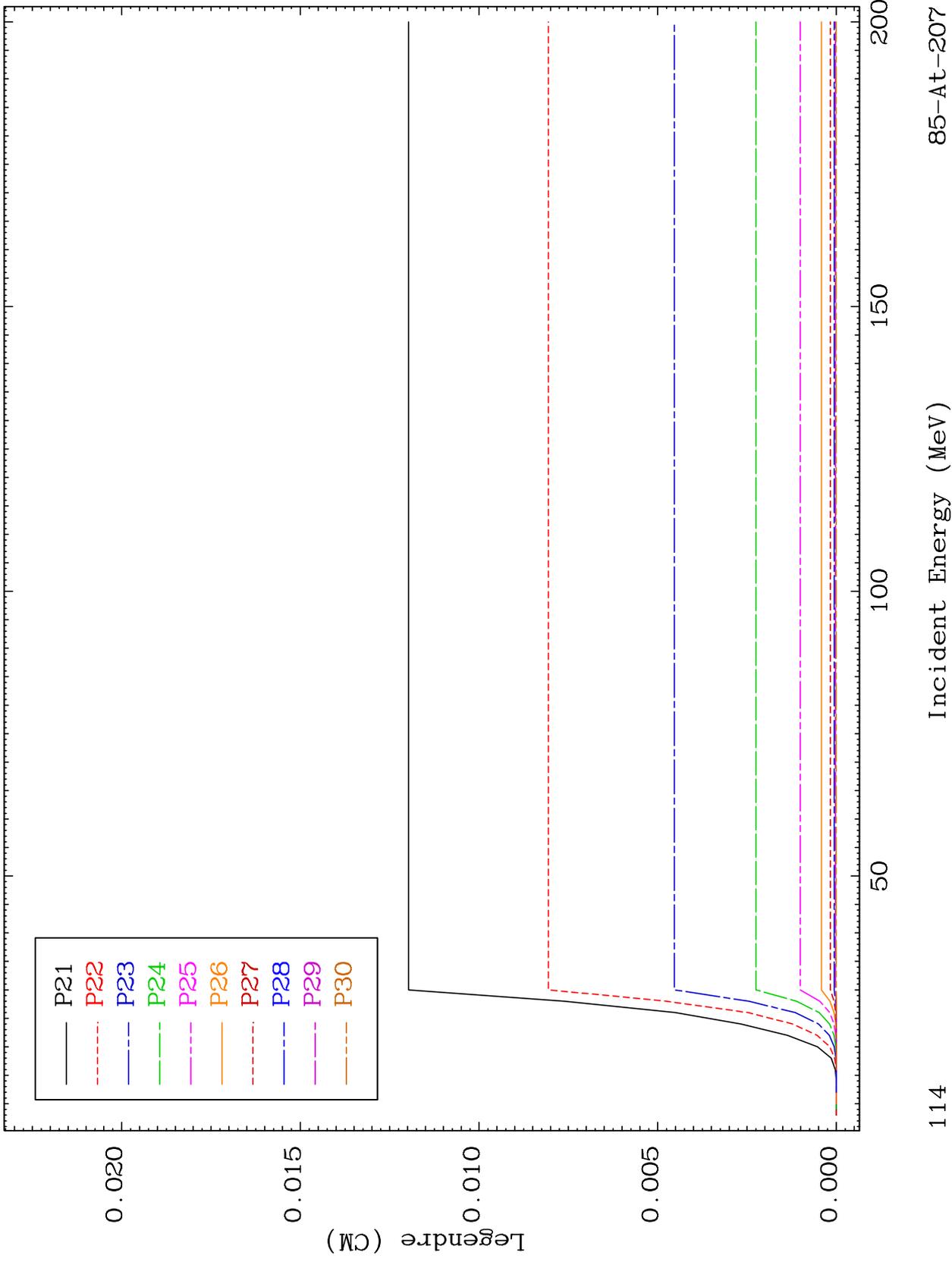
85-At-207



113

Incident Energy (MeV)

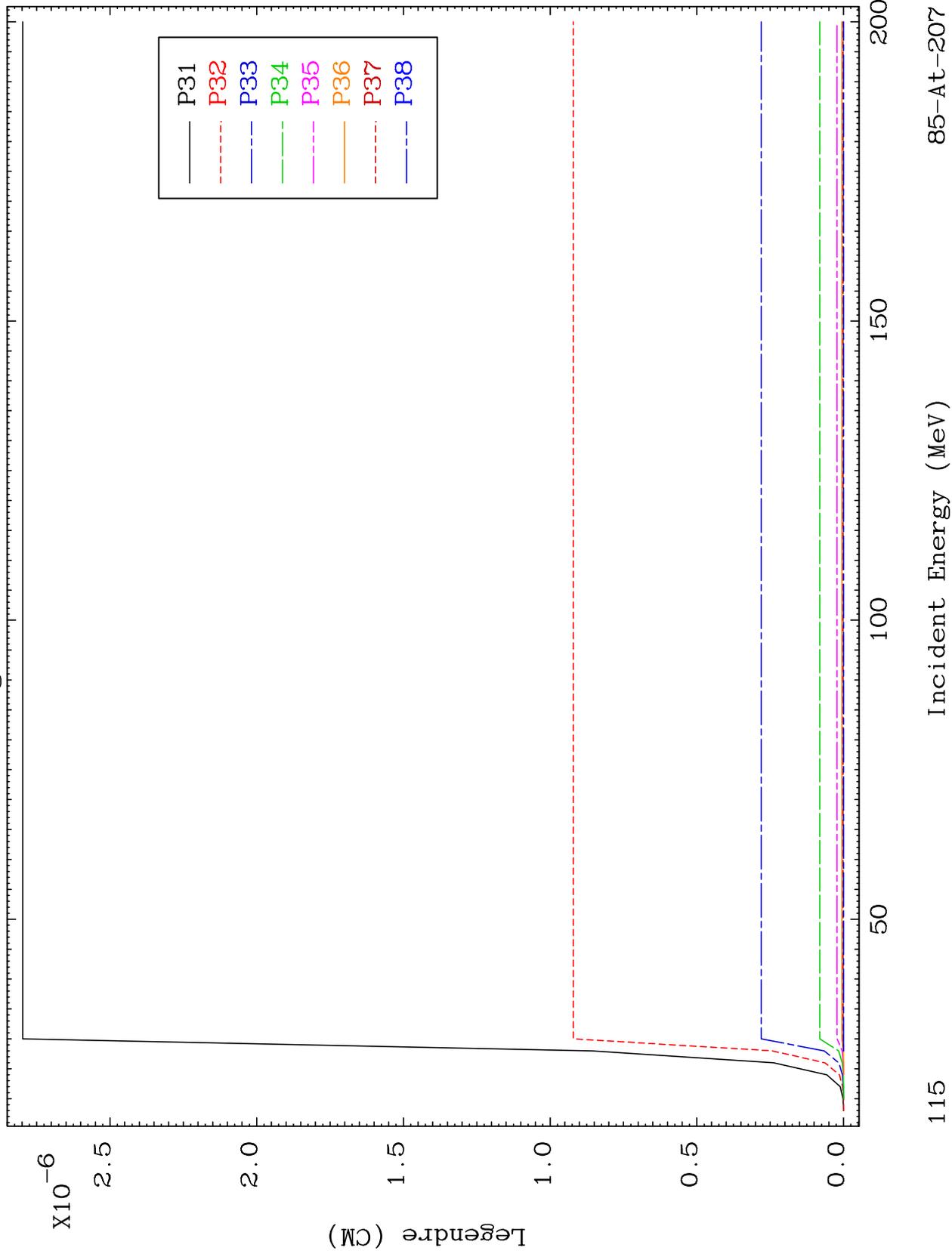
85-At-207



MAT 8537

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

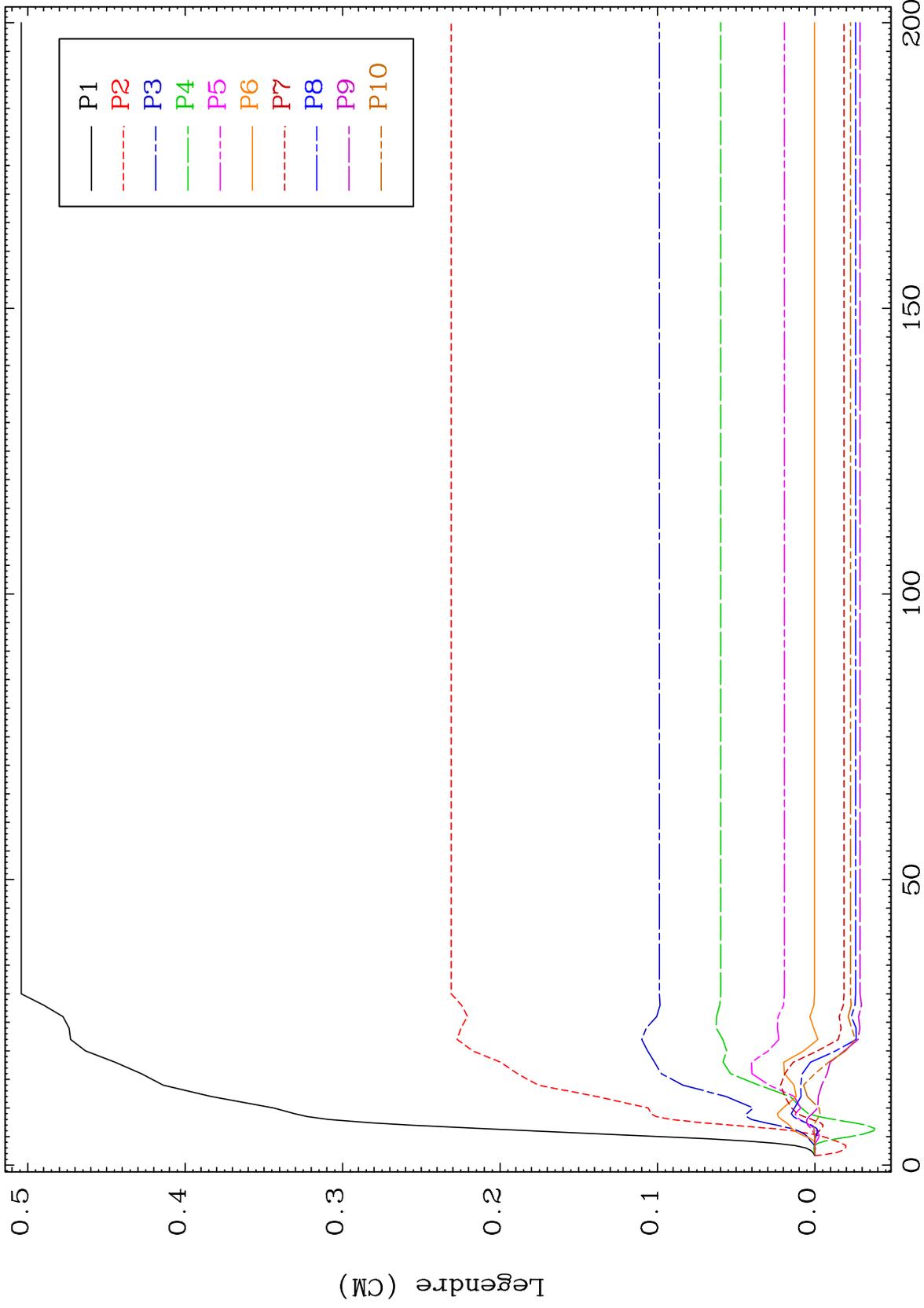
85-At-207



MAT 8537

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

85-At-207



116

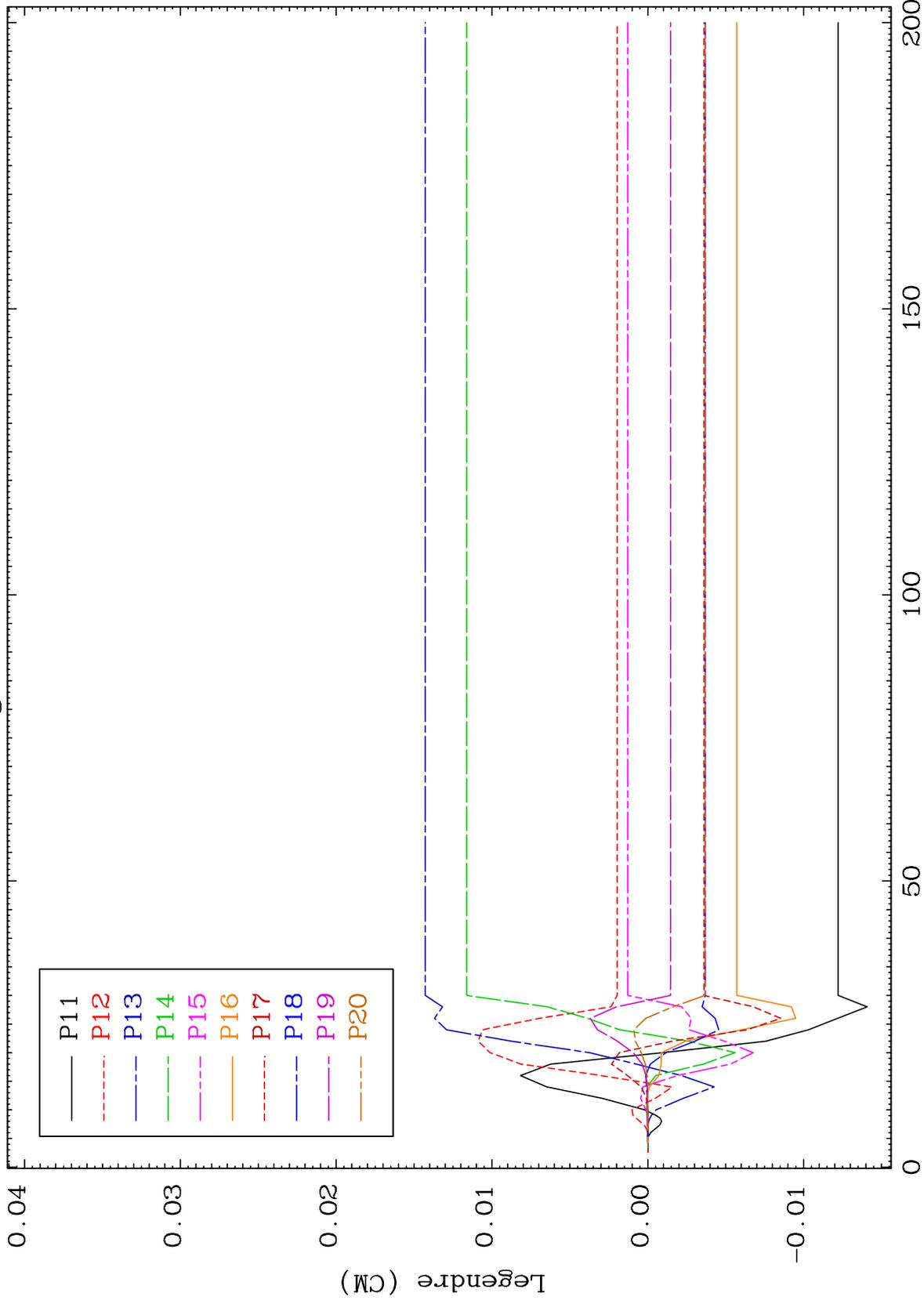
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



117

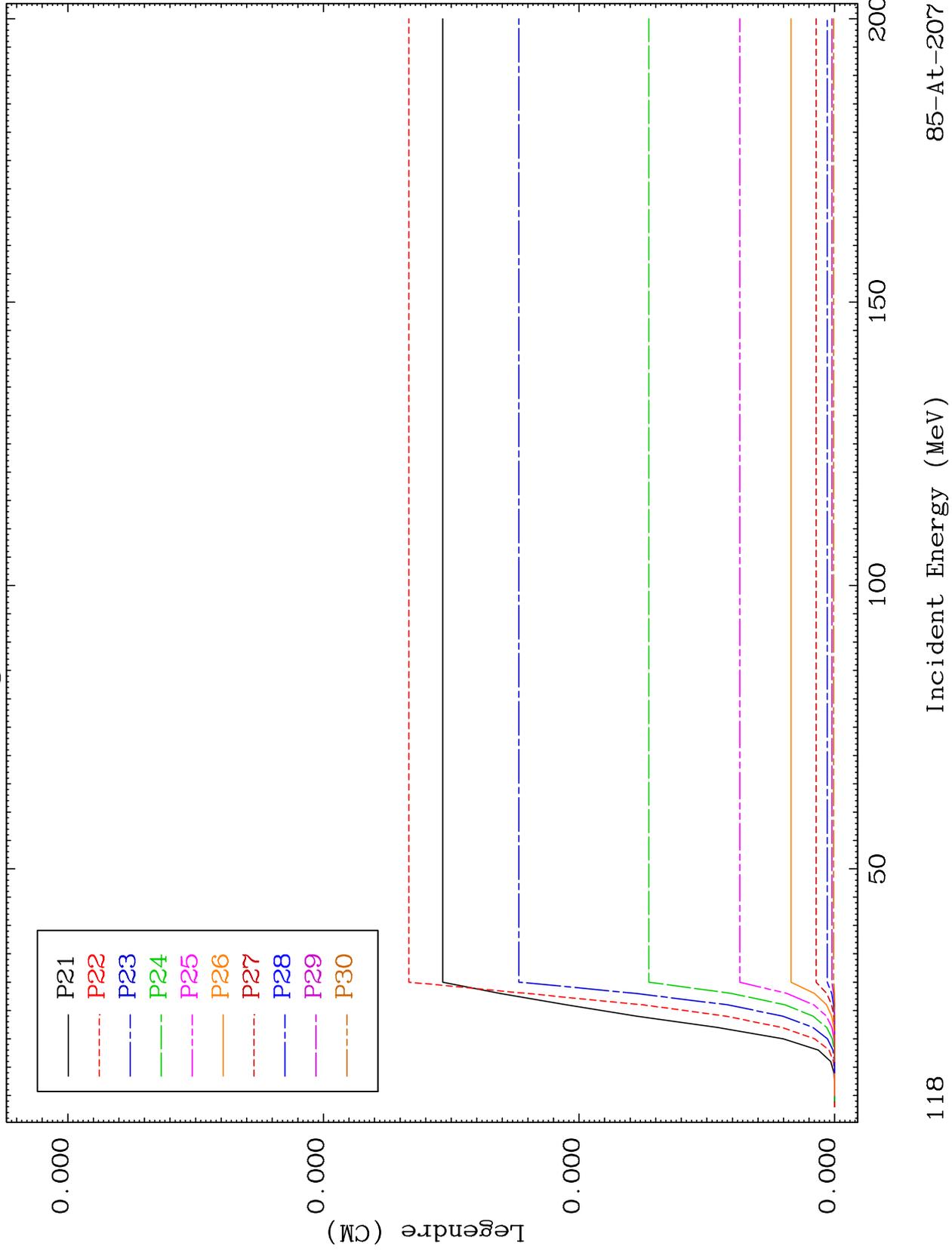
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



118

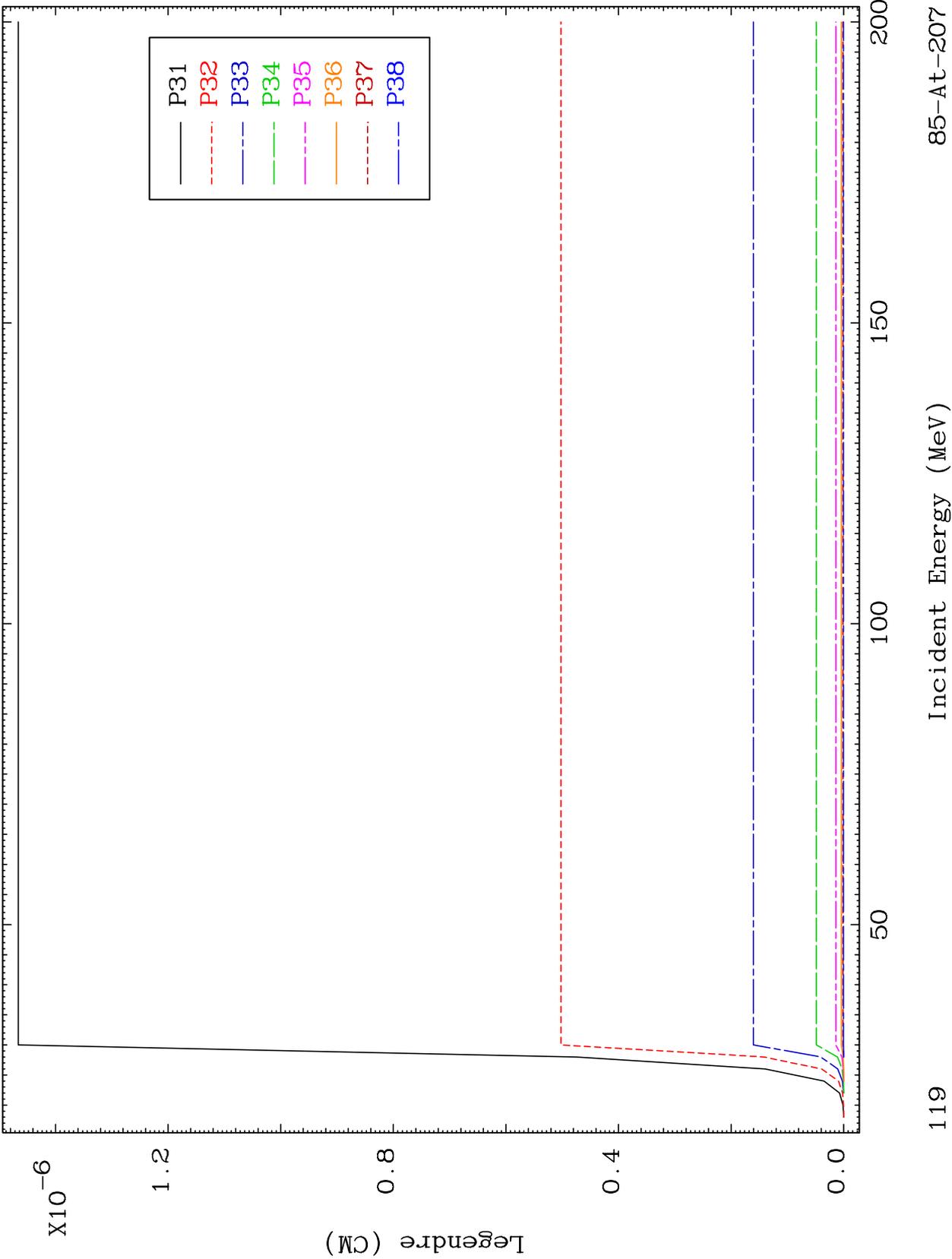
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



119

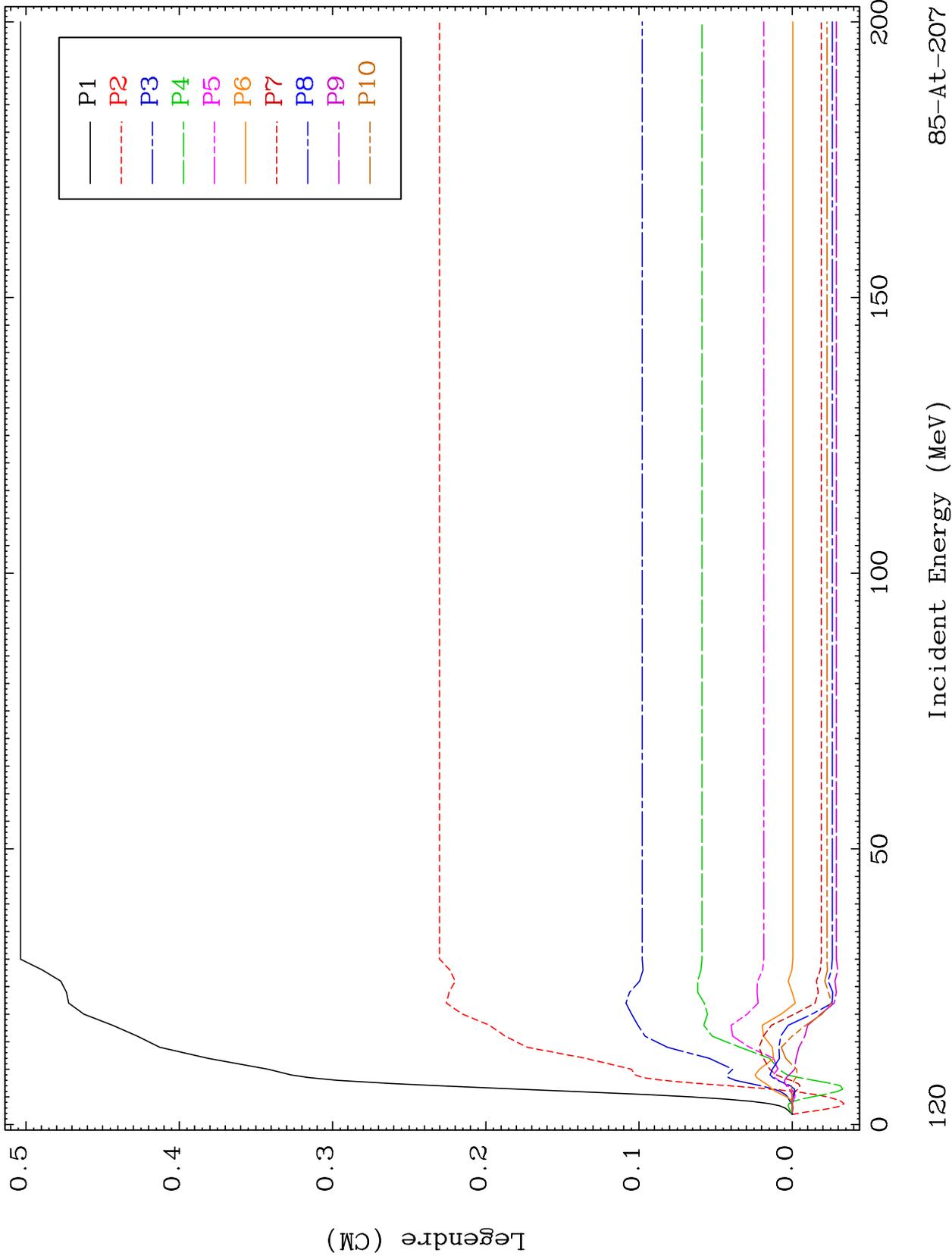
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



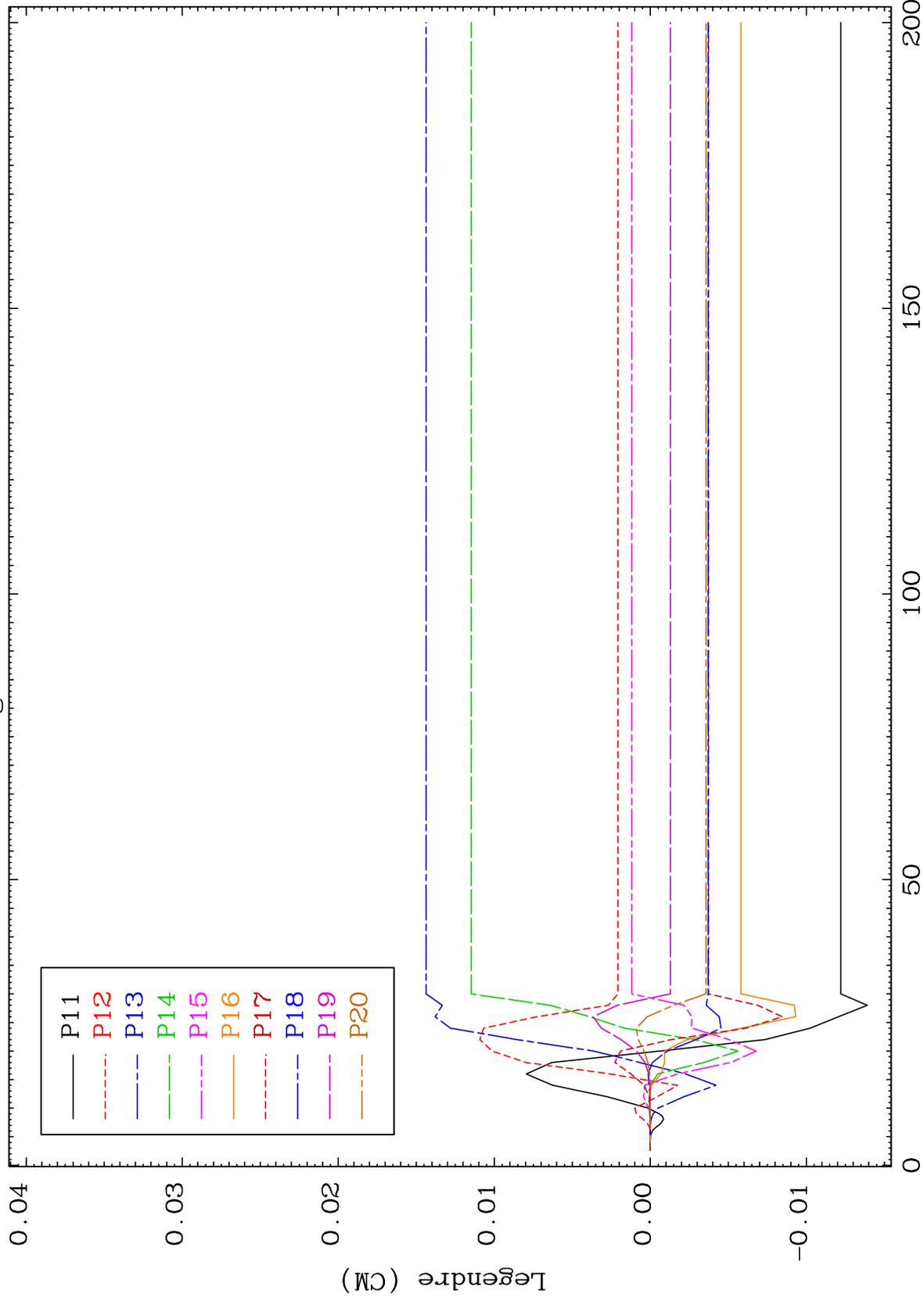
85-At-207

Incident Energy (MeV)

MAT 8537

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

85-At-207



121

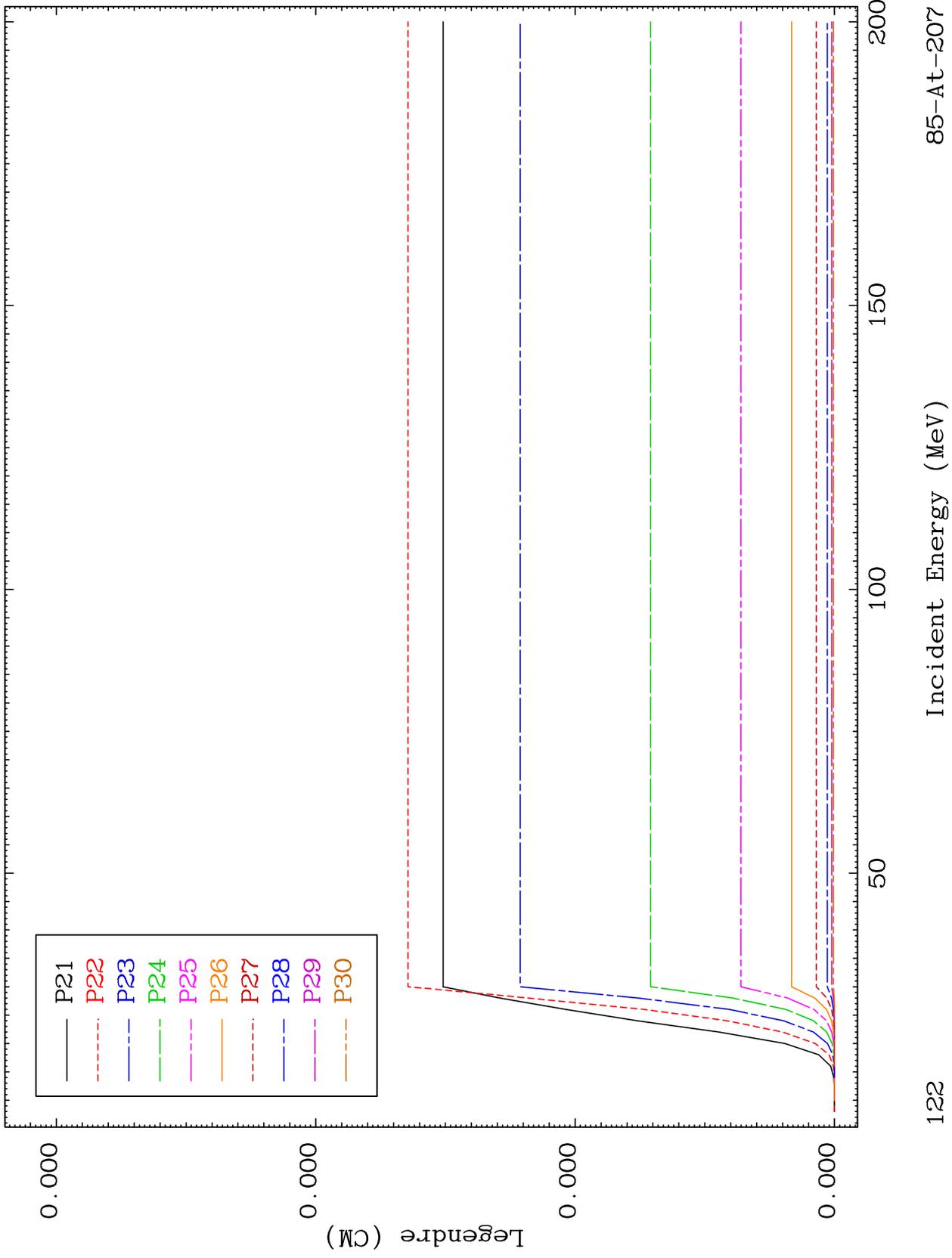
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



122

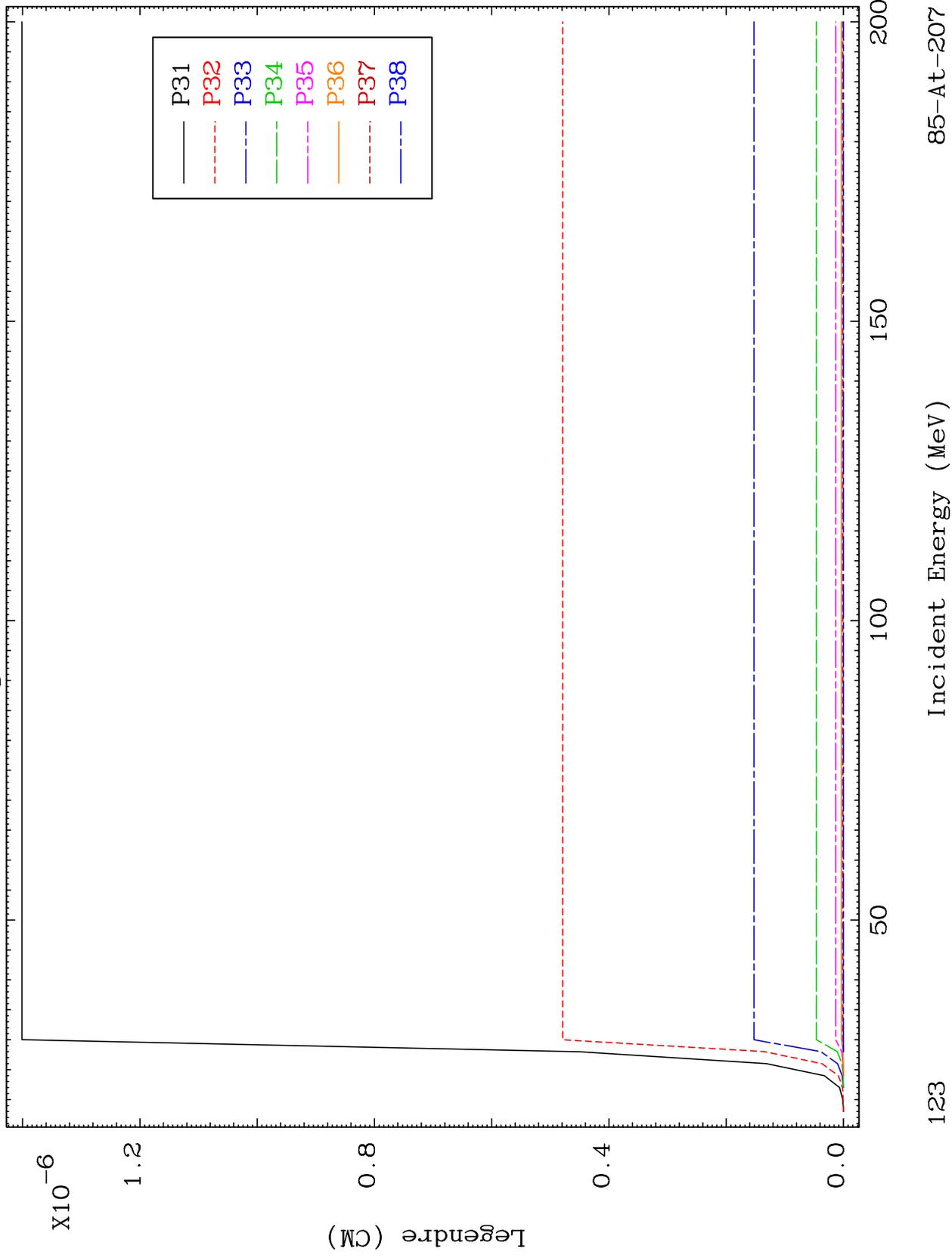
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



123

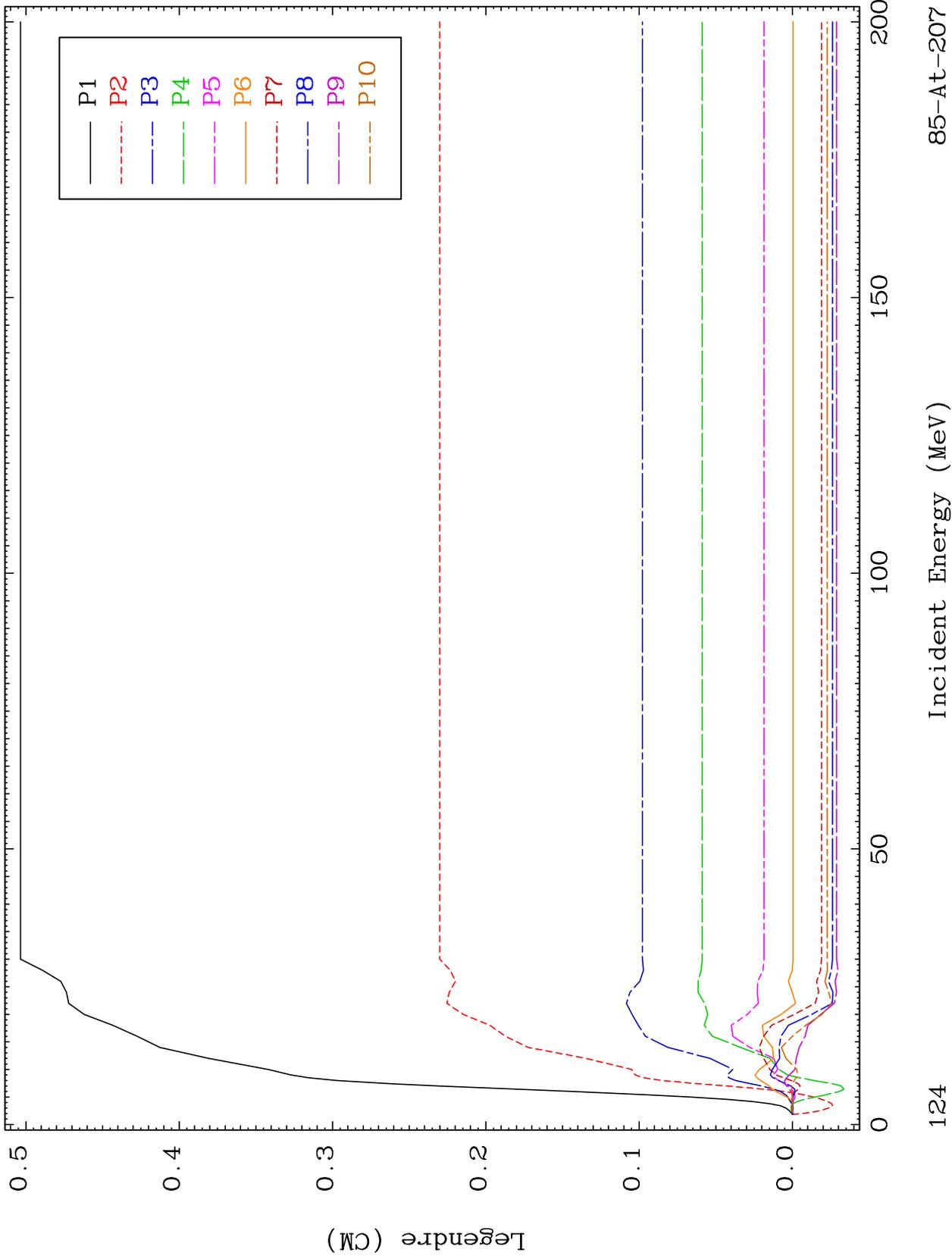
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



124

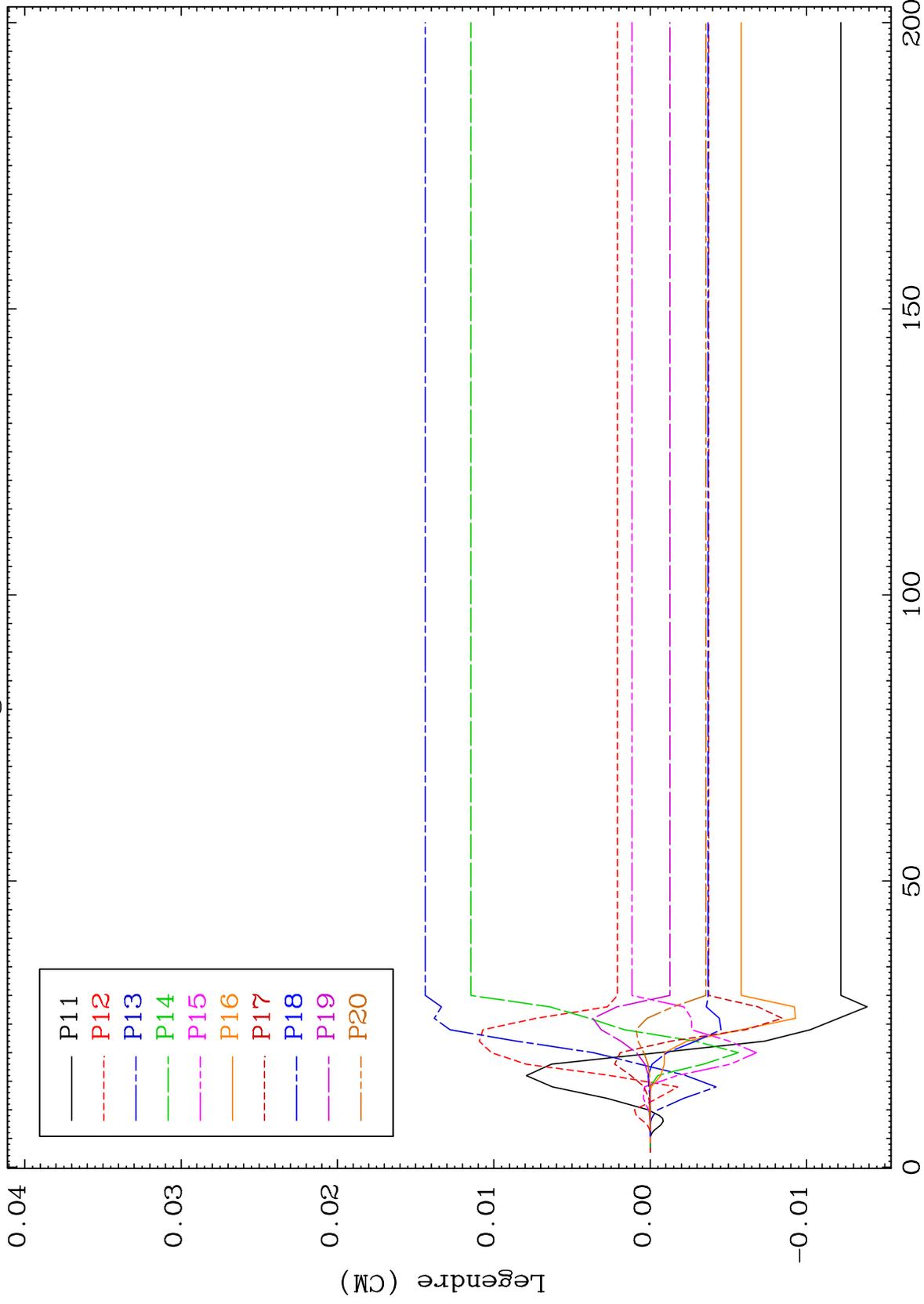
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



125

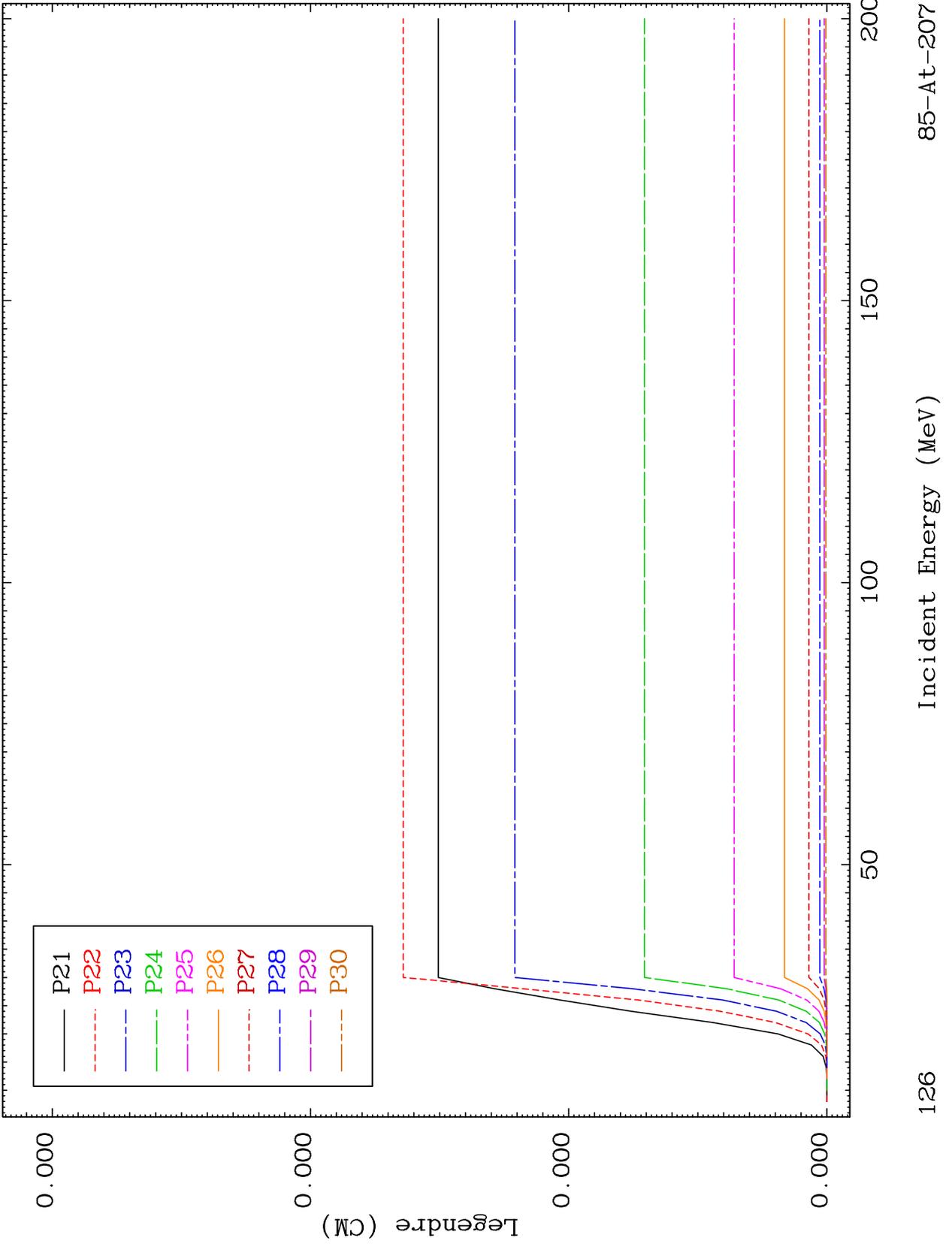
Incident Energy (MeV)

85-At-207

MAT 8537

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

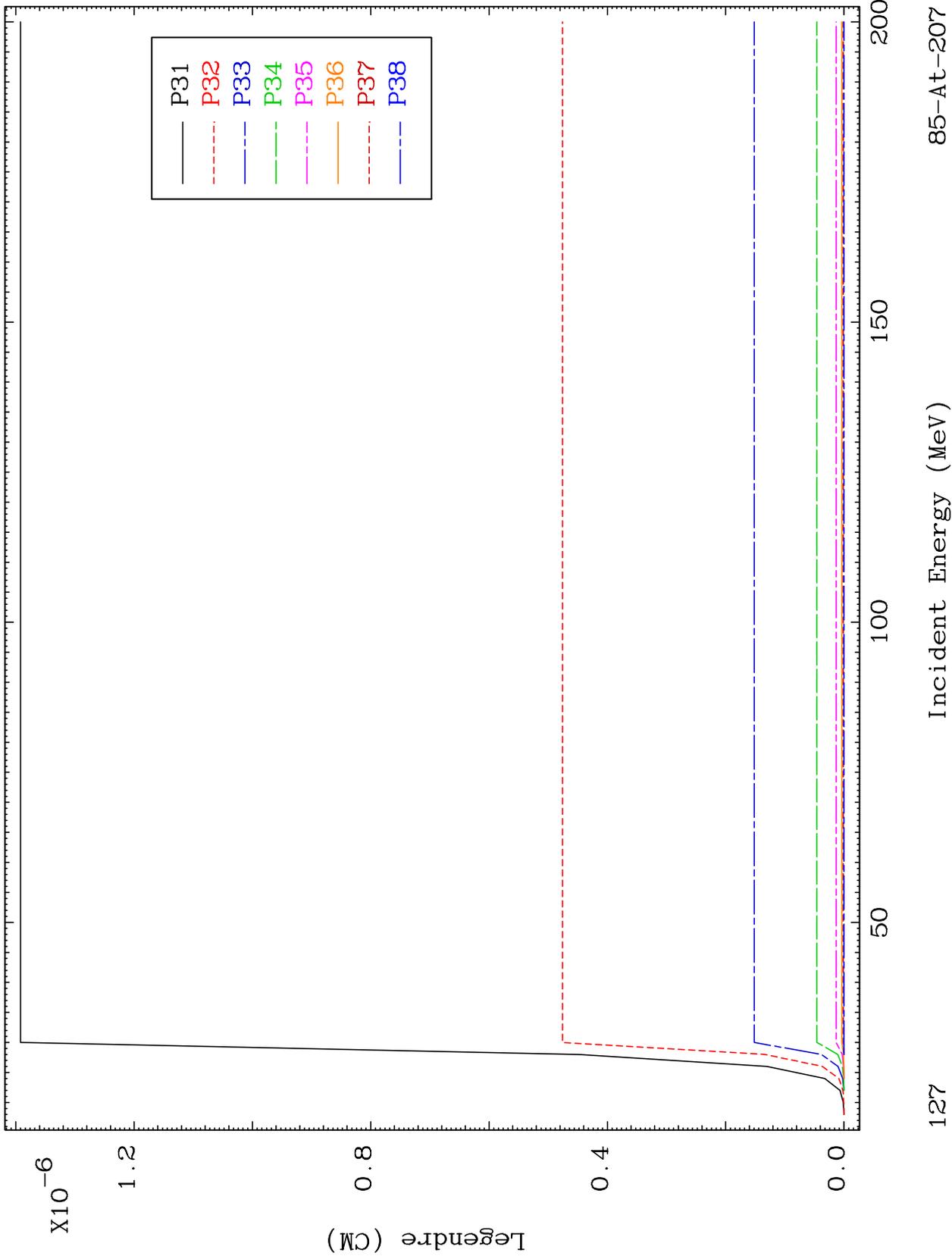
85-At-207



MAT 8537

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

85-At-207



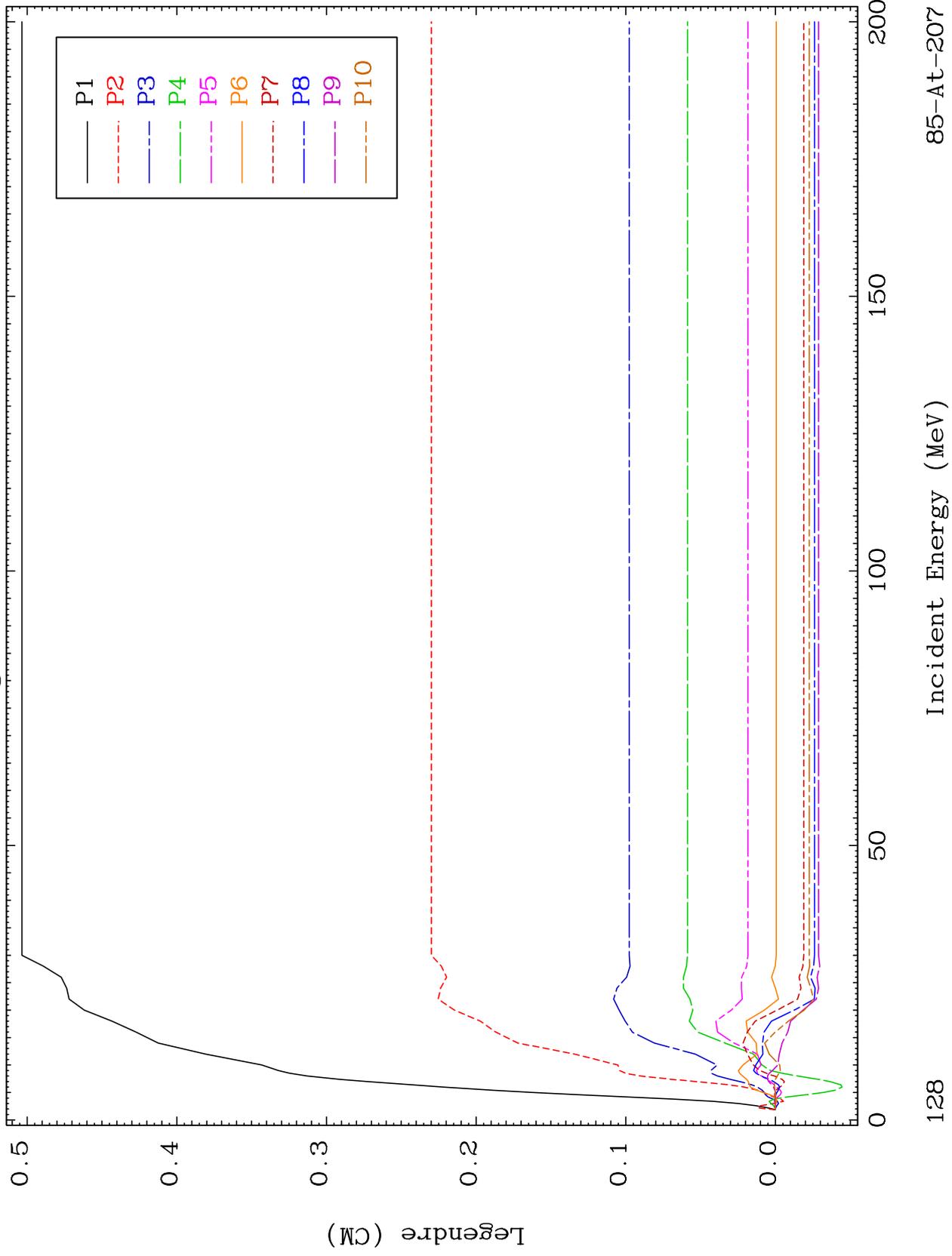
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85-At-207

MAT 8537

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

85-At-207

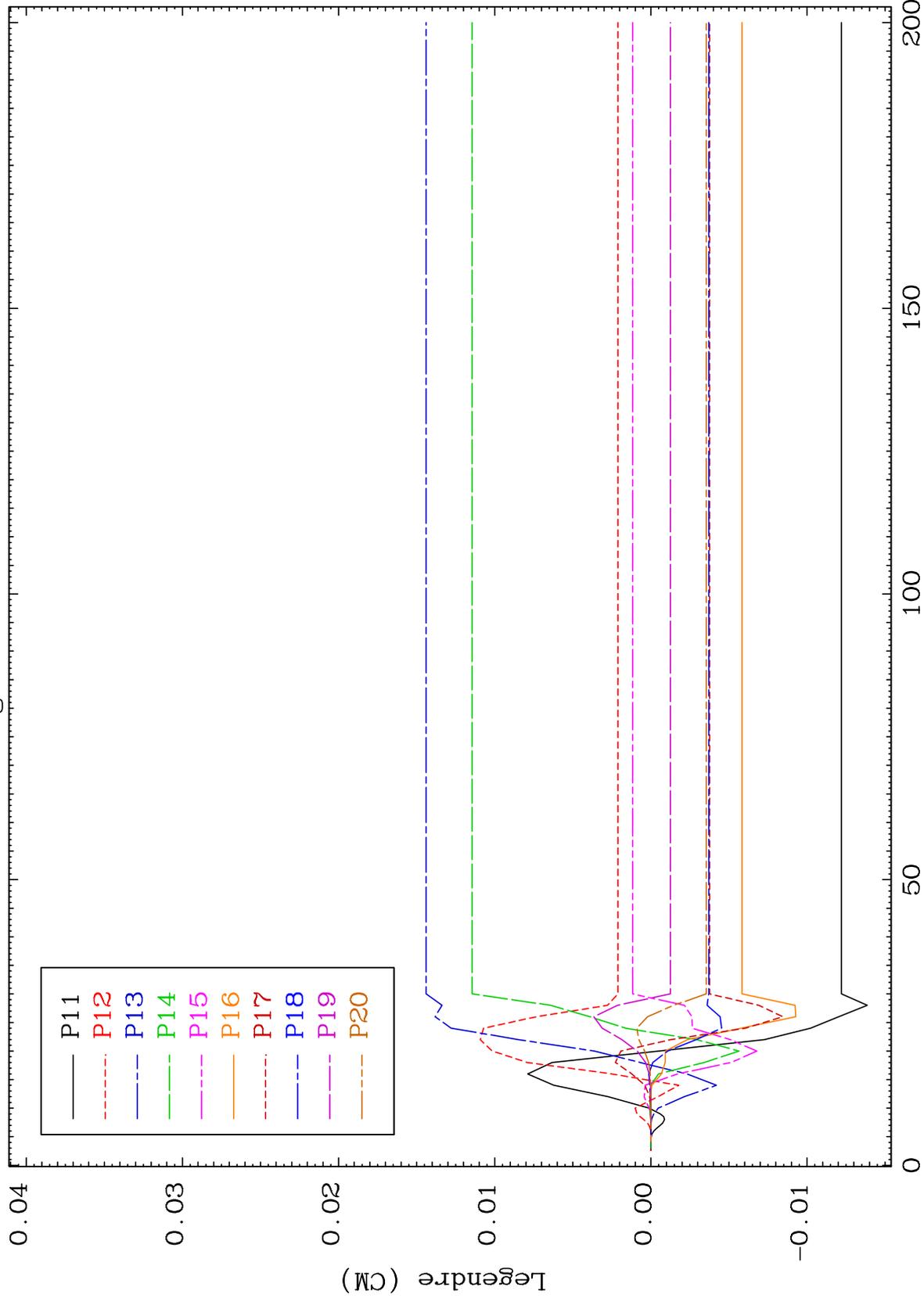


128

MAT 8537

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

85-At-207



129

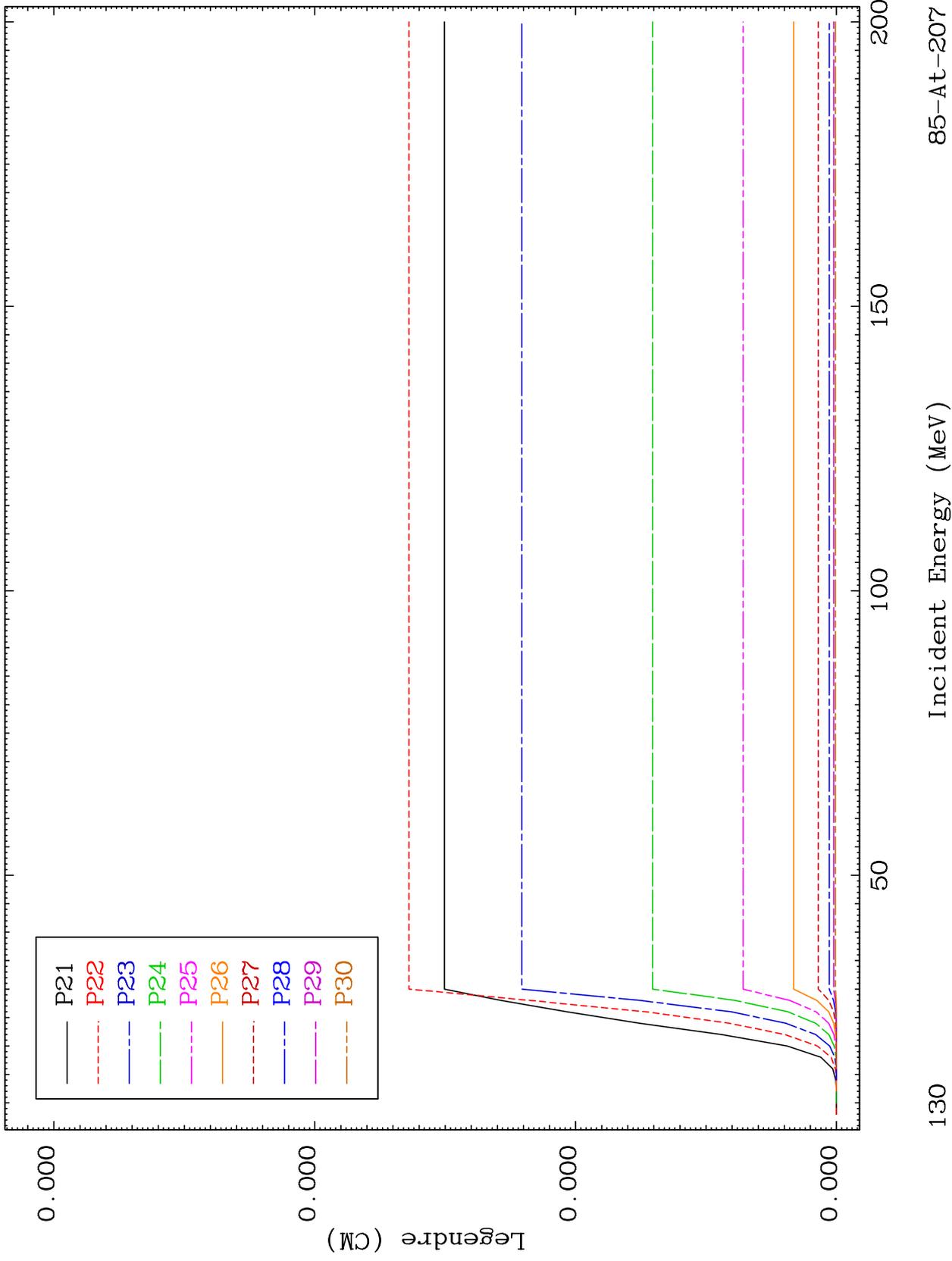
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



130

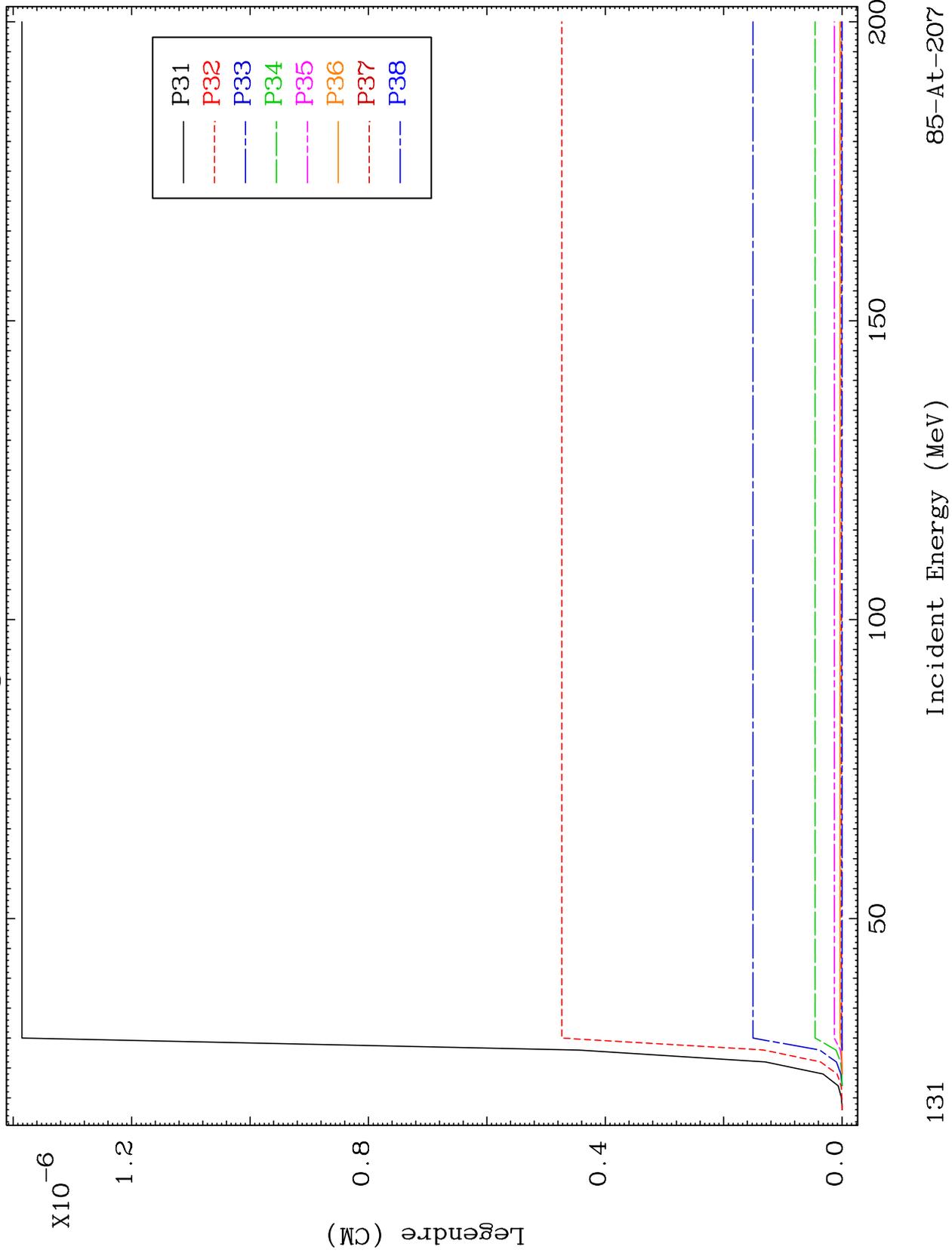
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



131

Incident Energy (MeV)

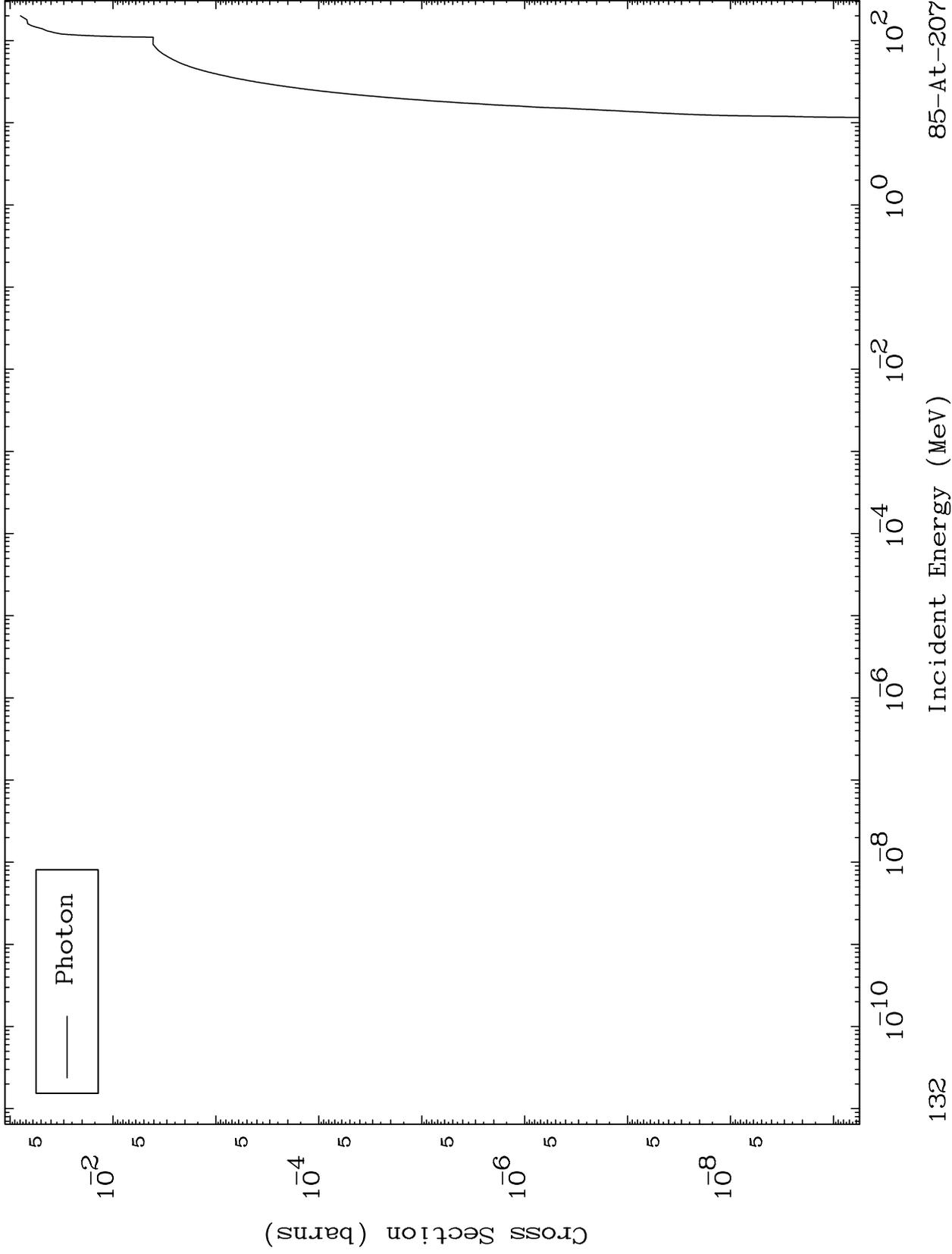
85-At-207

MAT 8537

Fission

85-At-207

Radionuclide Production Cross Section



132

Incident Energy (MeV)

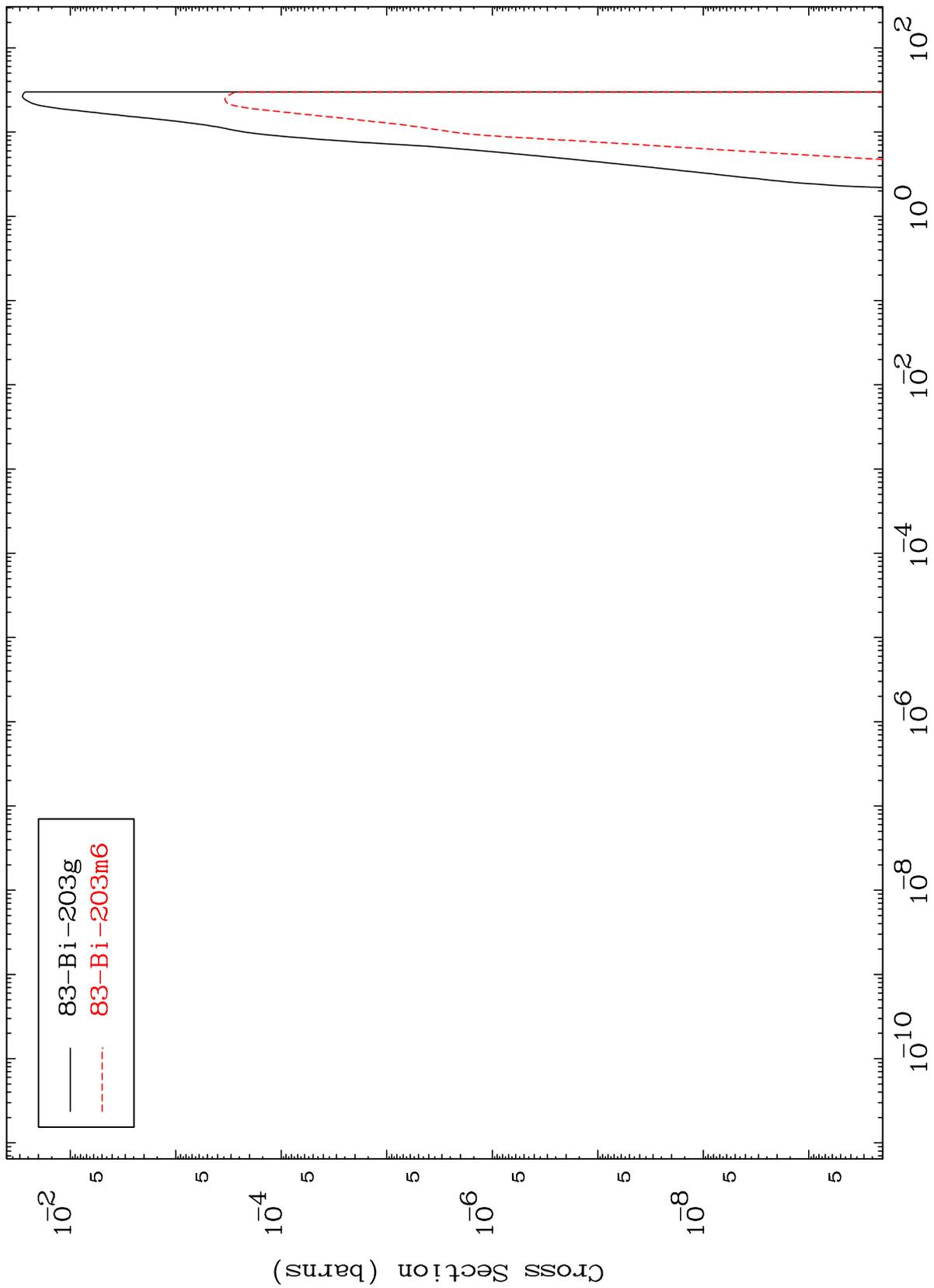
85-At-207

MAT 8537

$(n, n') \alpha$

85-At-207

Radionuclide Production Cross Section

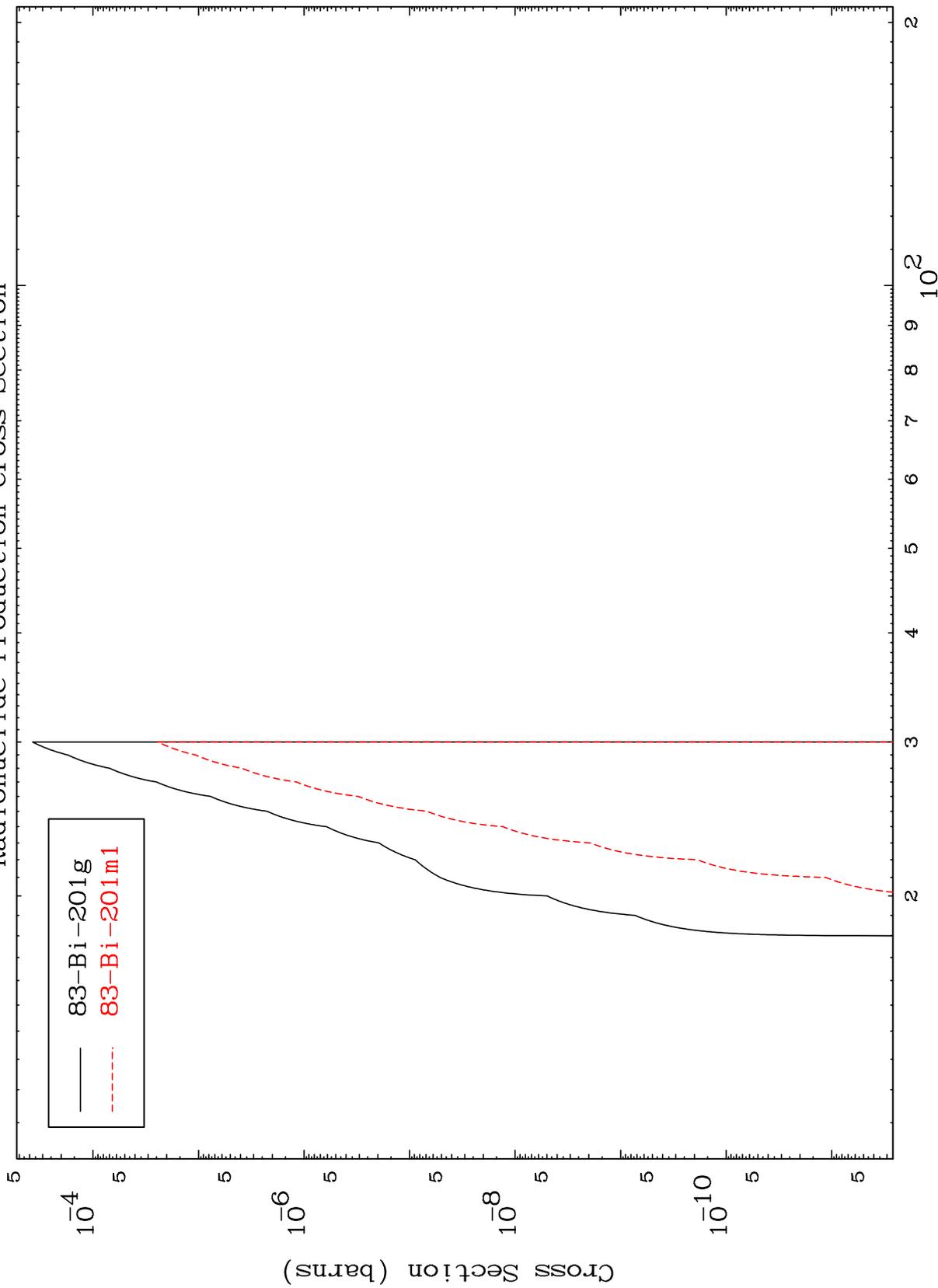


MAT 8537

85-At-207

(n,3n) α

Radionuclide Production Cross Section



134

Incident Energy (MeV)

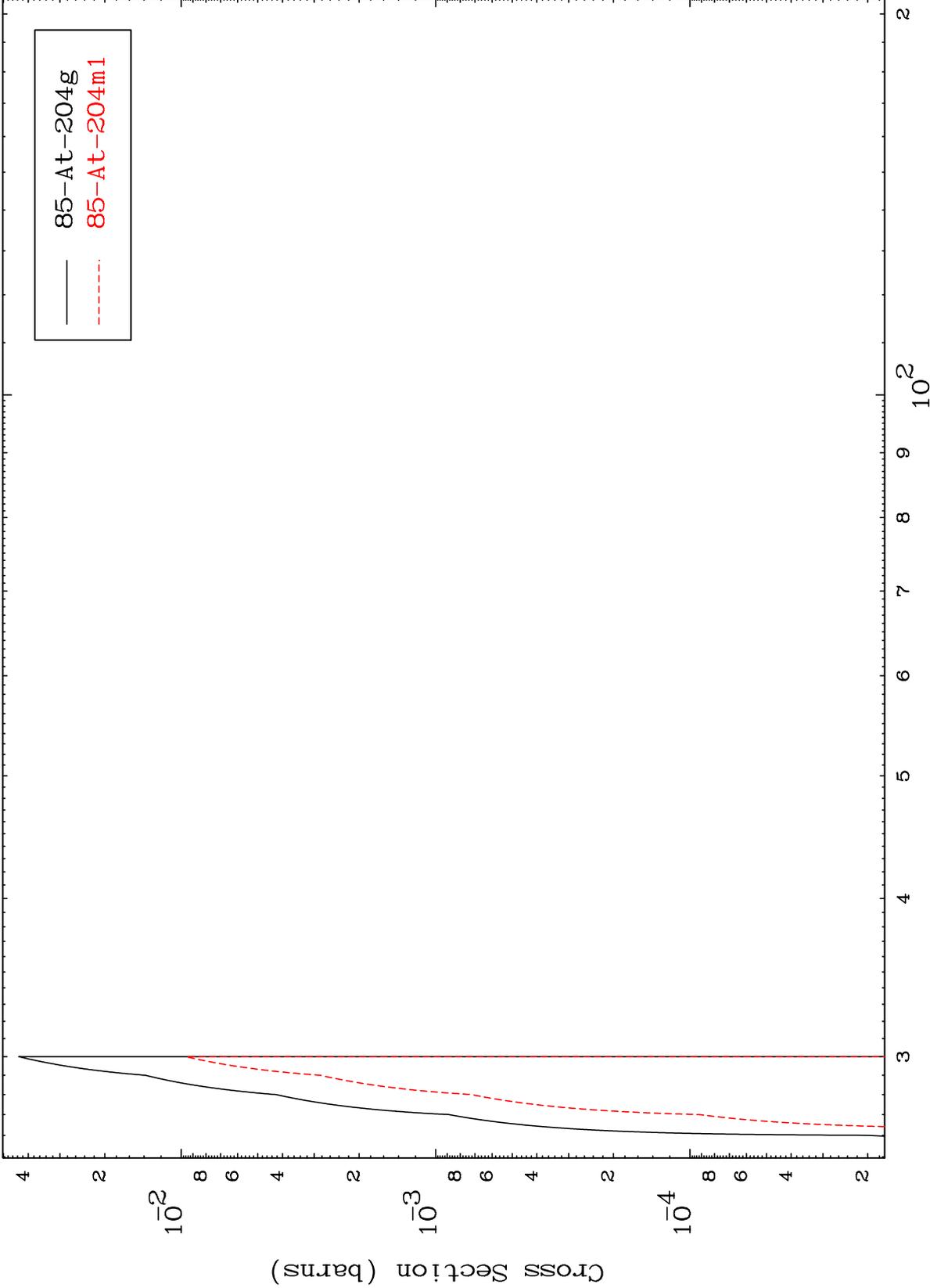
85-At-207

MAT 8537

(n,4n)

85-At-207

Radionuclide Production Cross Section



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

135

Incident Energy (MeV)

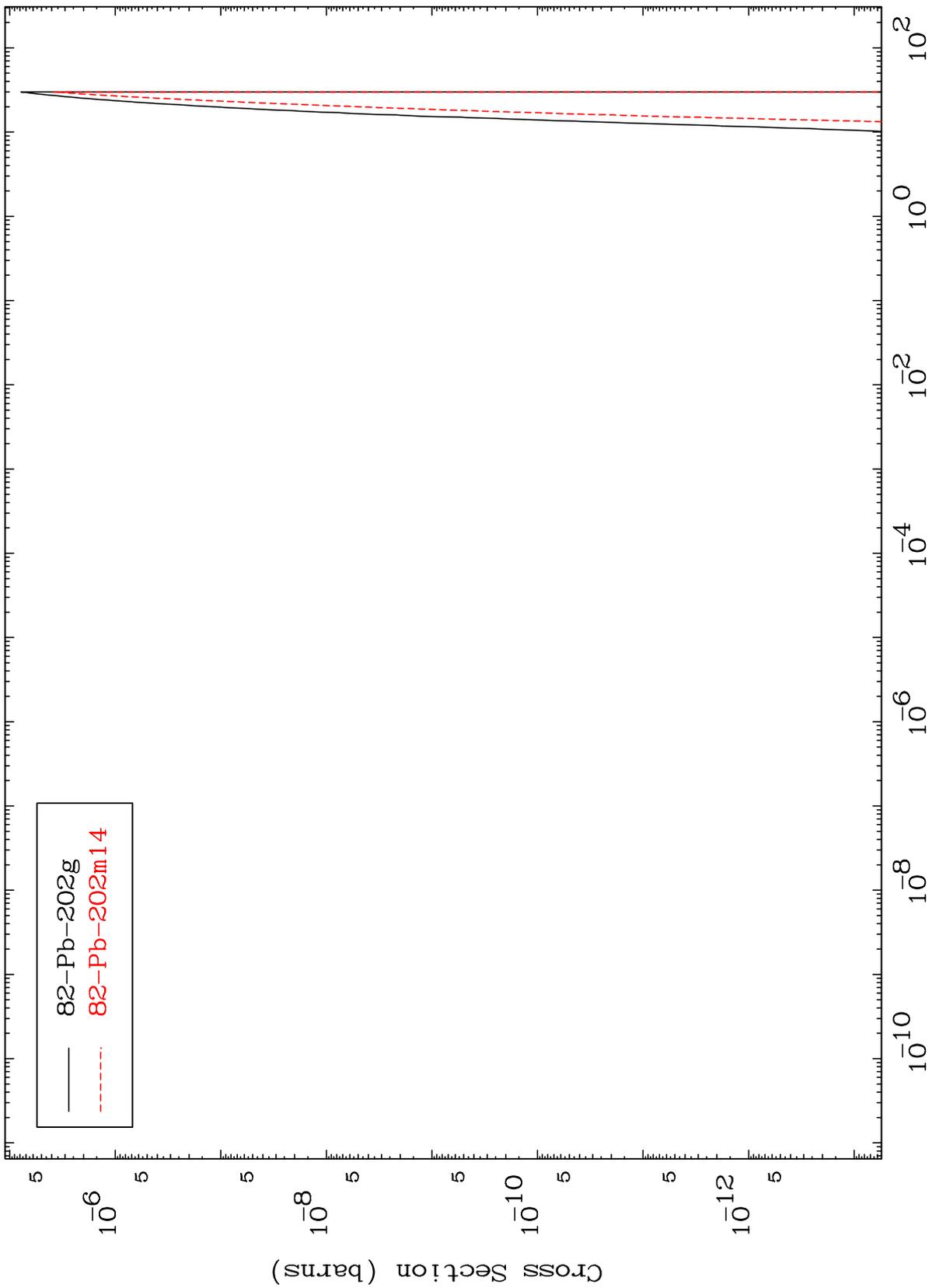
85-At-207

MAT 8537

(n,n') p α

85-At-207

Radionuclide Production Cross Section



— 82-Pb-202g
- - - 82-Pb-202m14

136

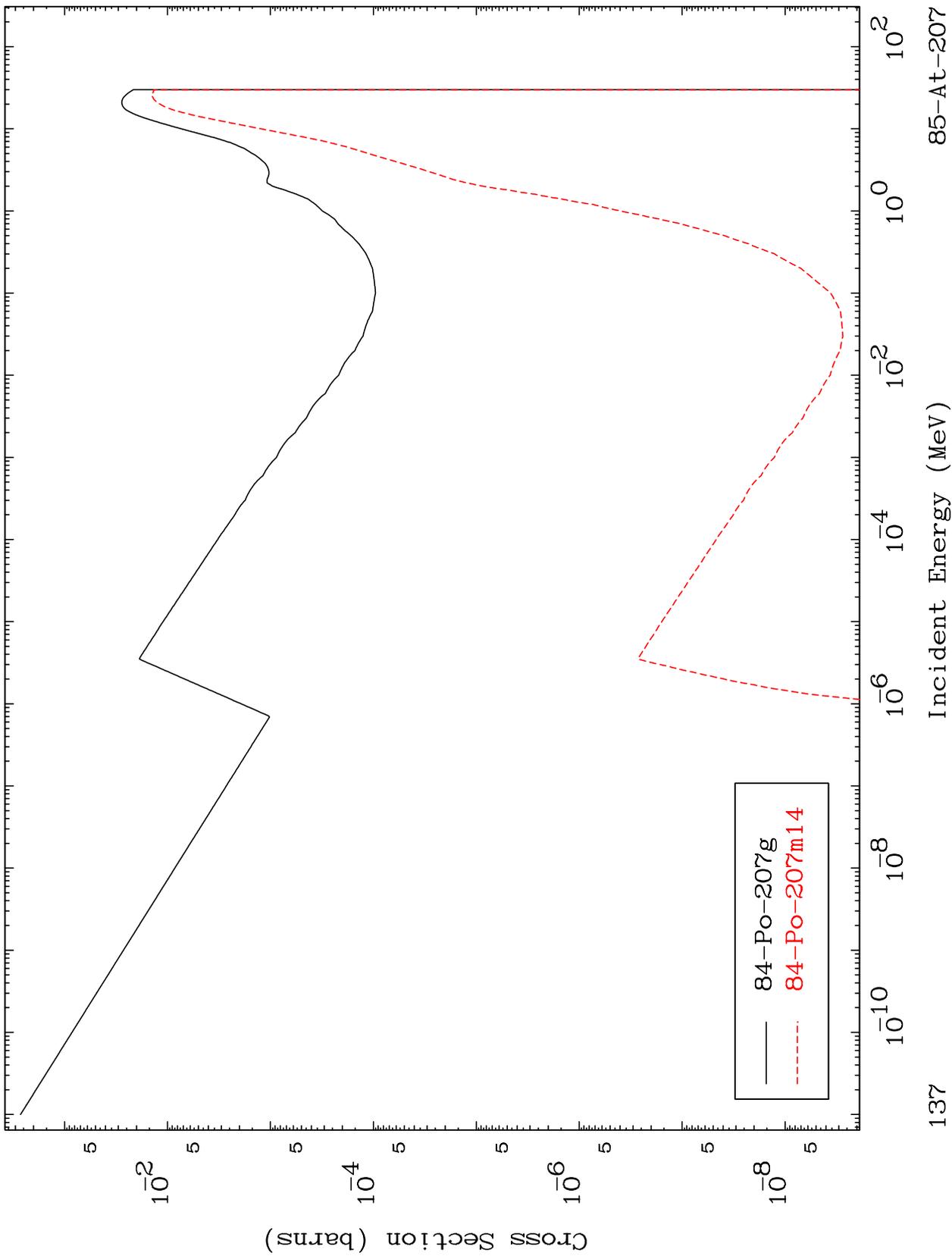
Incident Energy (MeV)

85-At-207

MAT 8537

85-At-207

Radionuclide Production Cross Section (n,p)

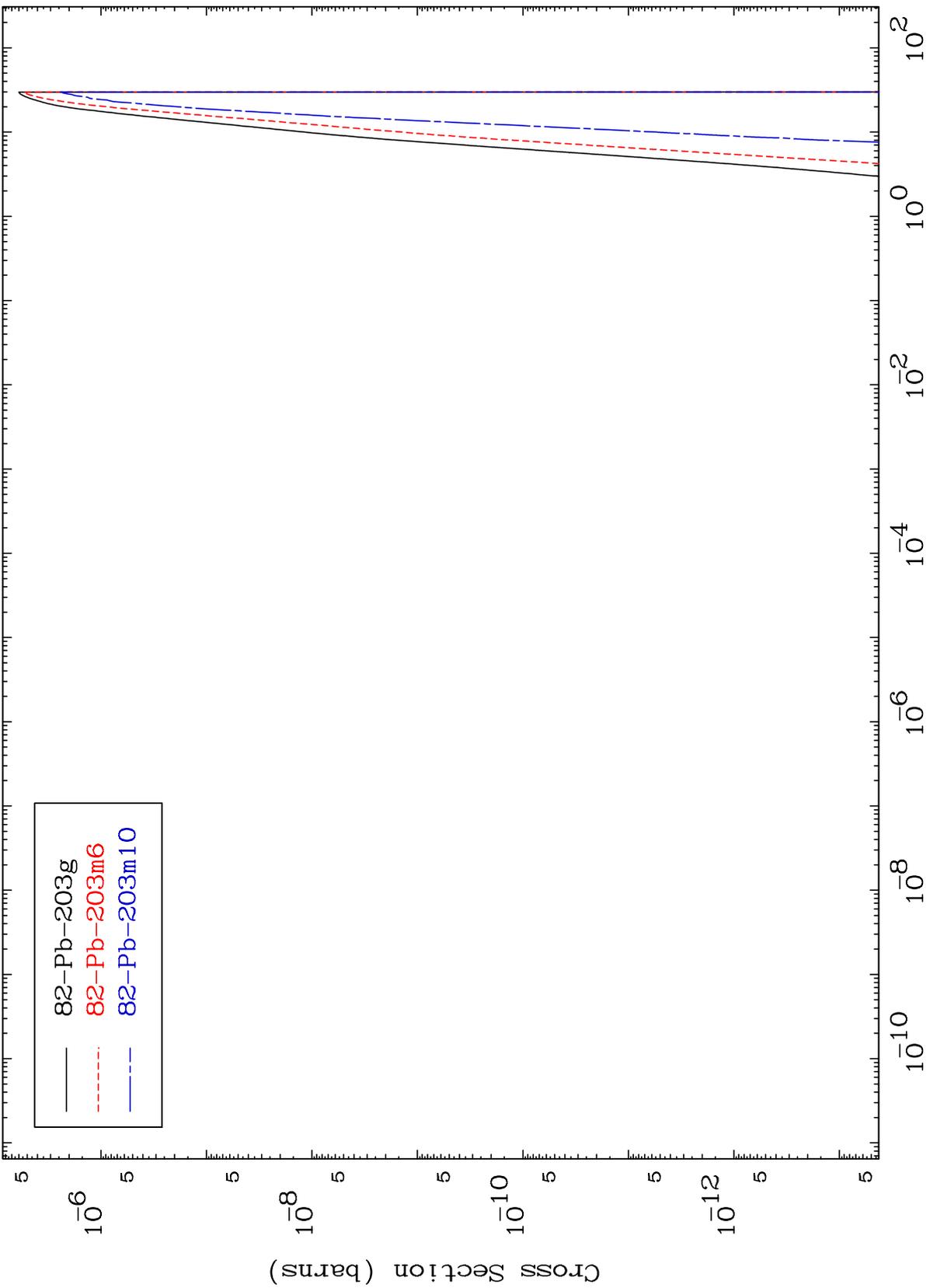


MAT 8537

(n,p) α

85-At-207

Radionuclide Production Cross Section

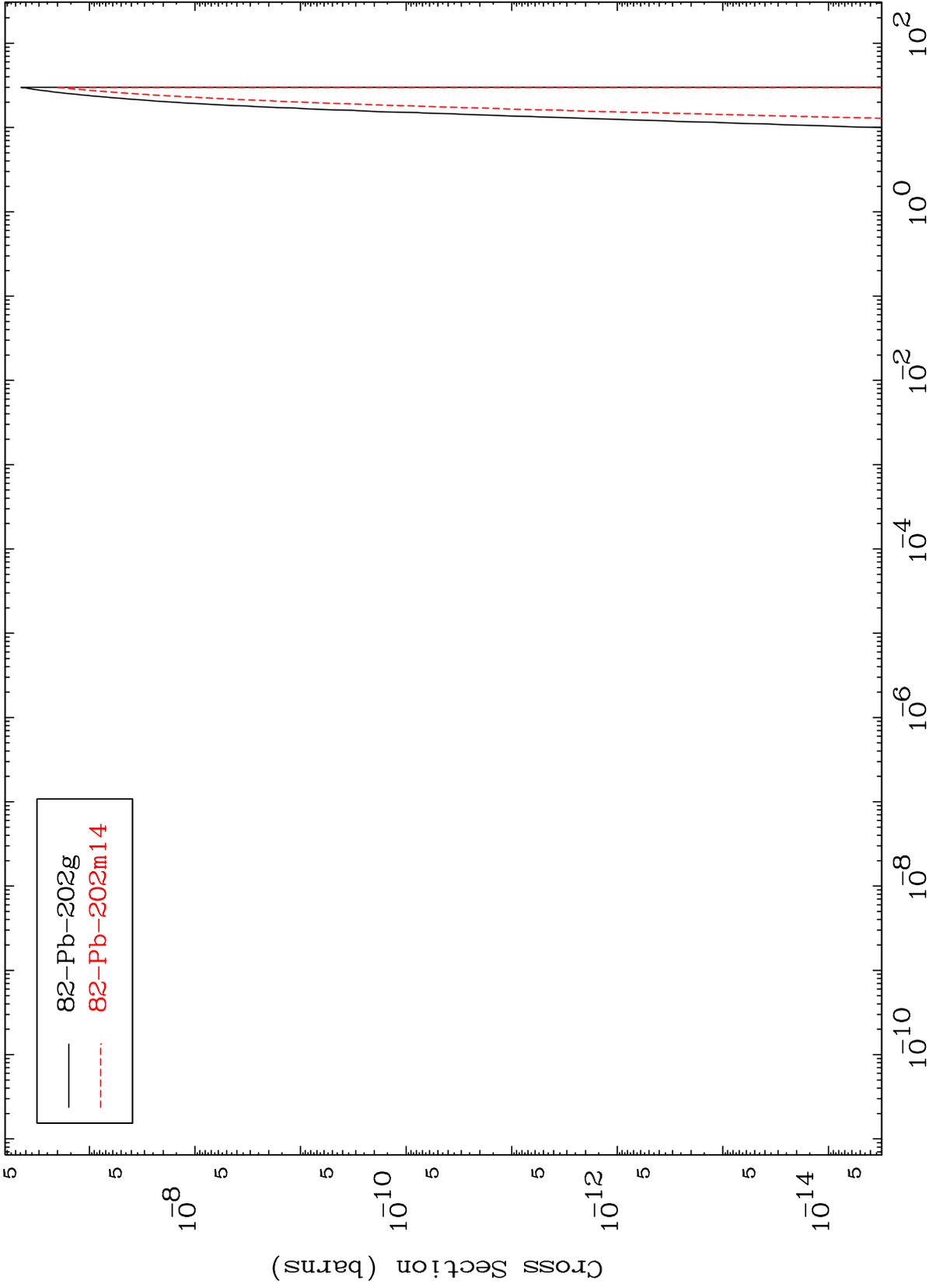


MAT 8537

(n,d) α

85-At-207

Radionuclide Production Cross Section



82-Pb-202g
82-Pb-202m14