

Program EVALPLOT  
(Version 2021-1)

by

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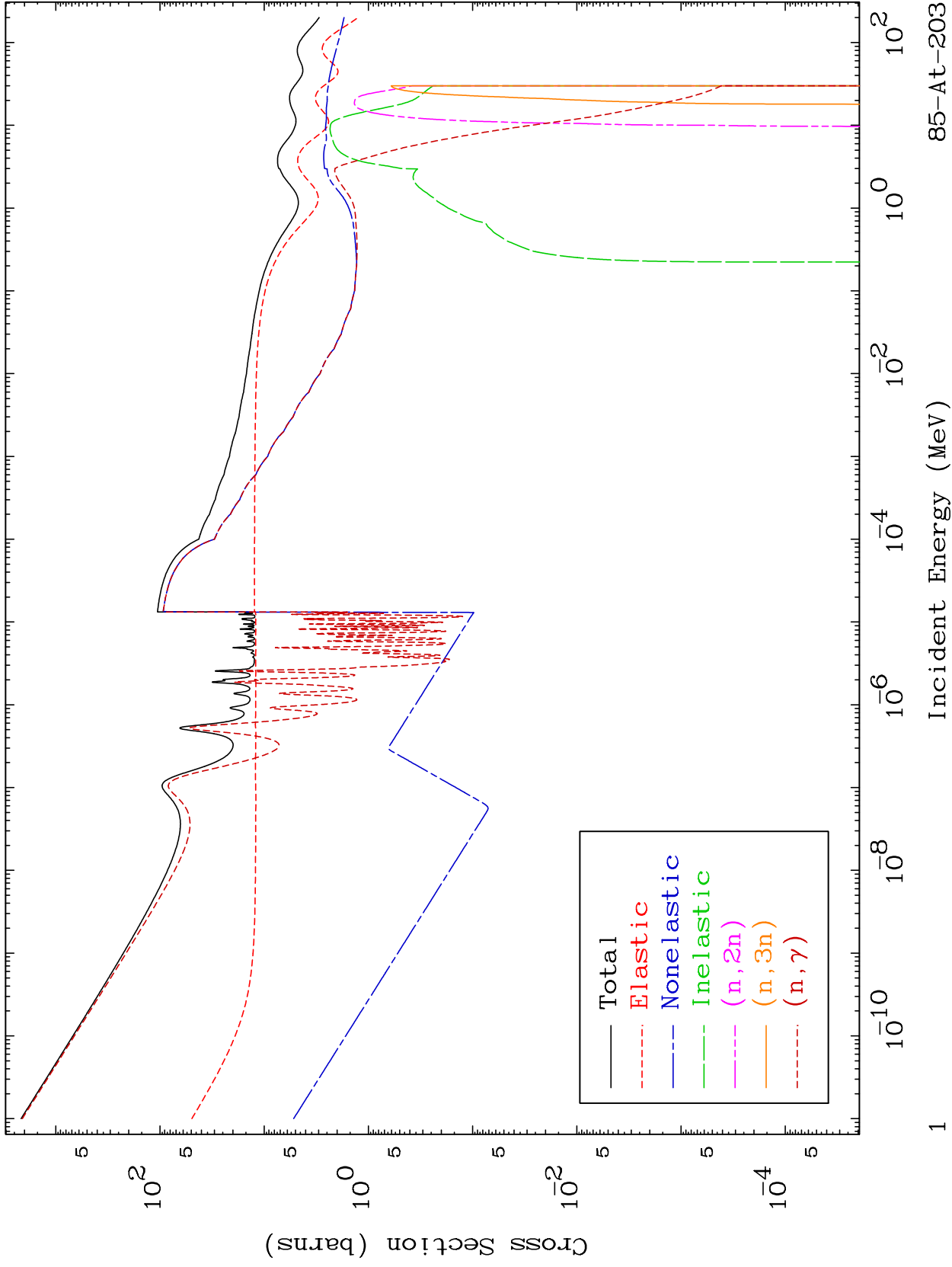
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8525

Neutron Major  
293 Kelvin Cross Sections

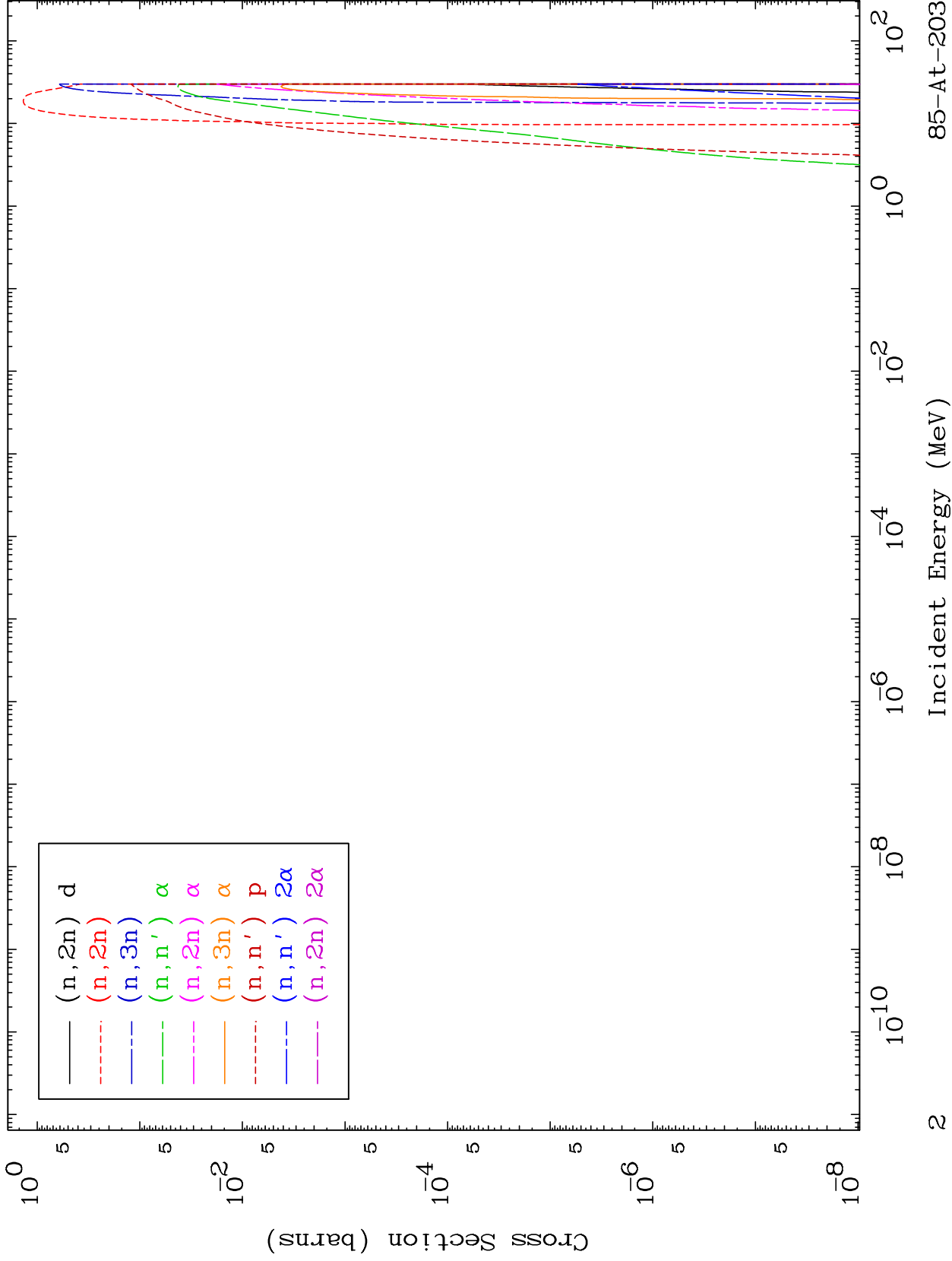
85-At-203



MAT 8525

Neutron Absorption  
293 Kelvin Cross Sections

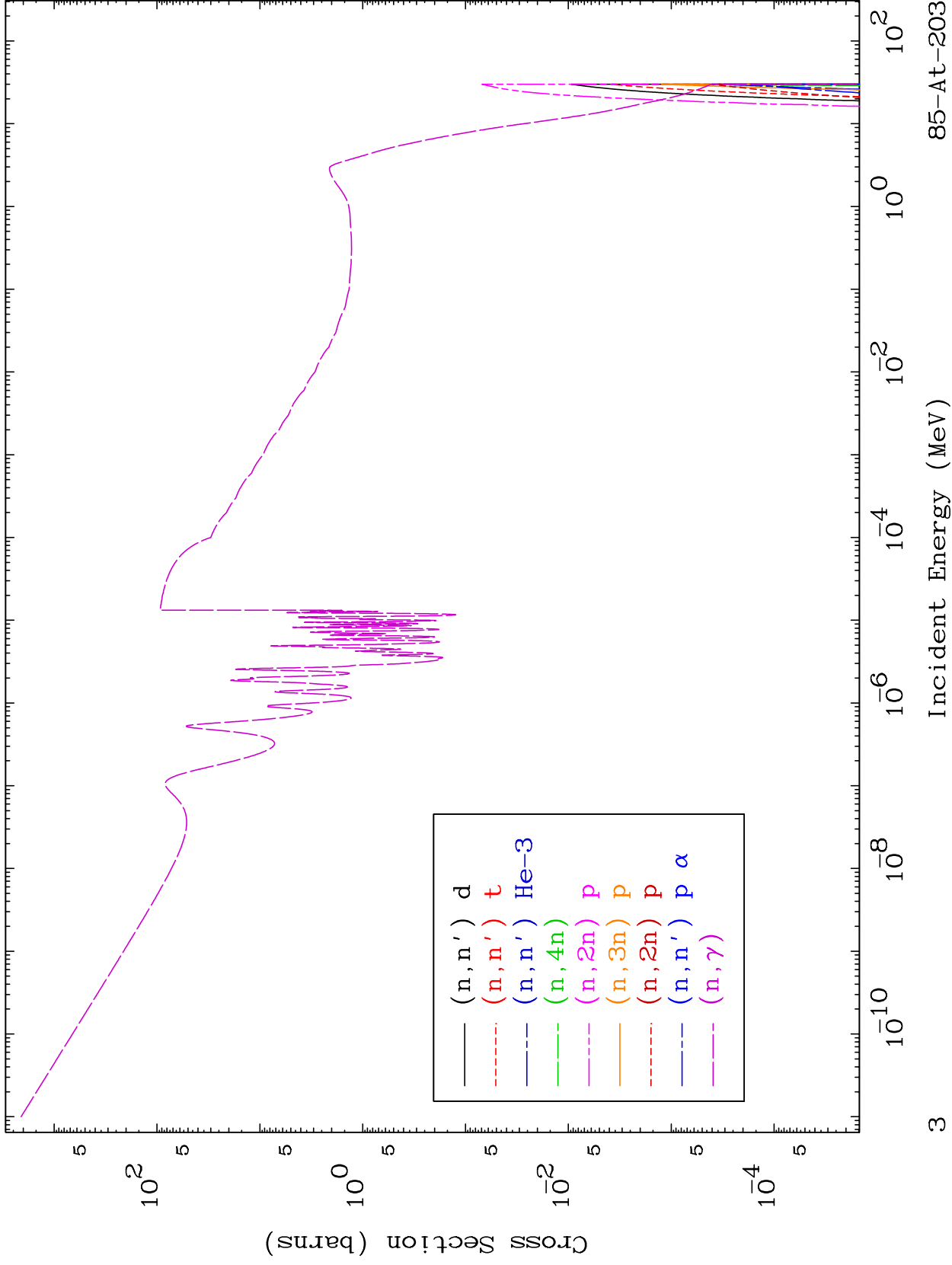
85-At-203



MAT 8525

Neutron Absorption  
293 Kelvin Cross Sections

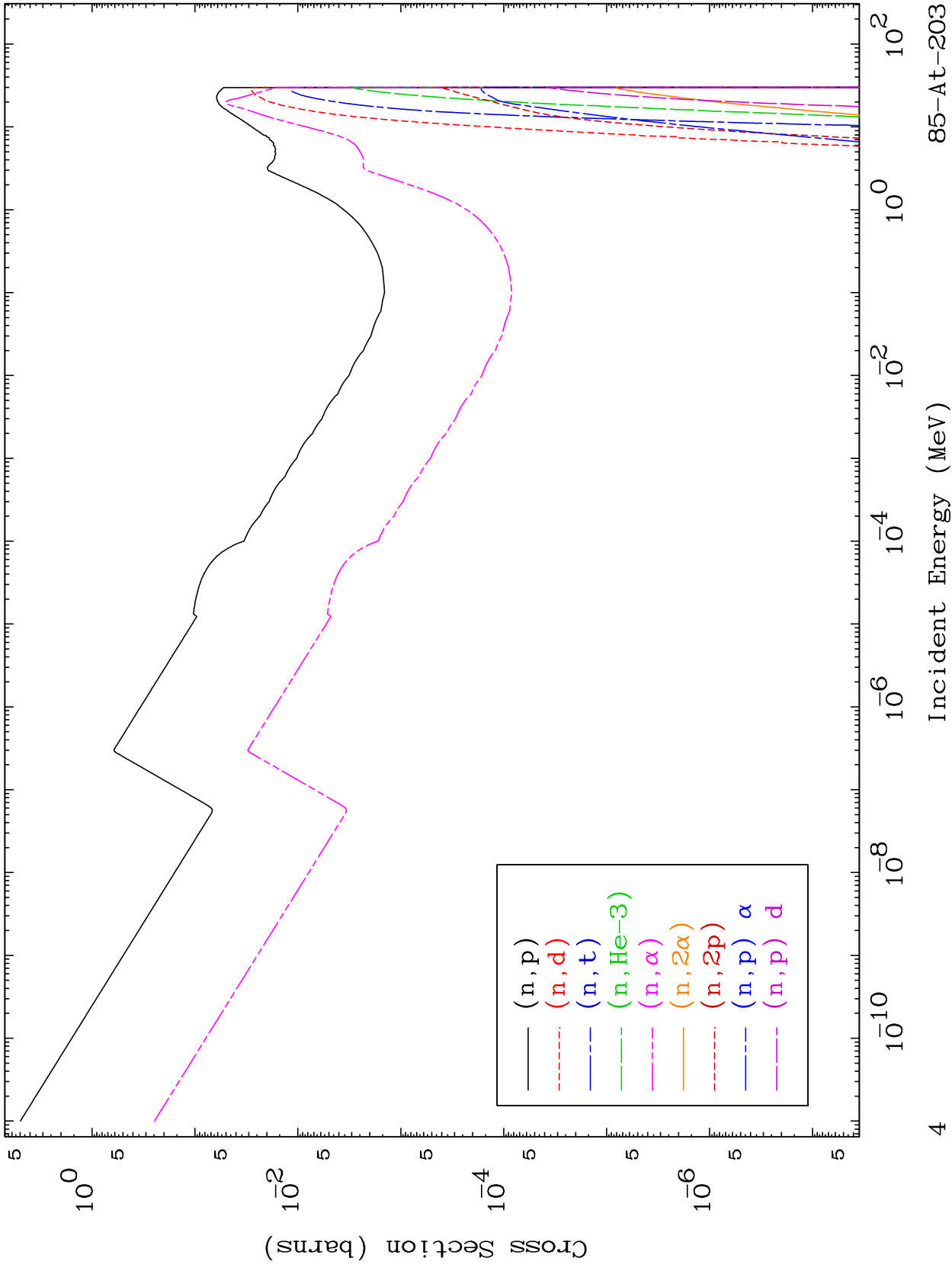
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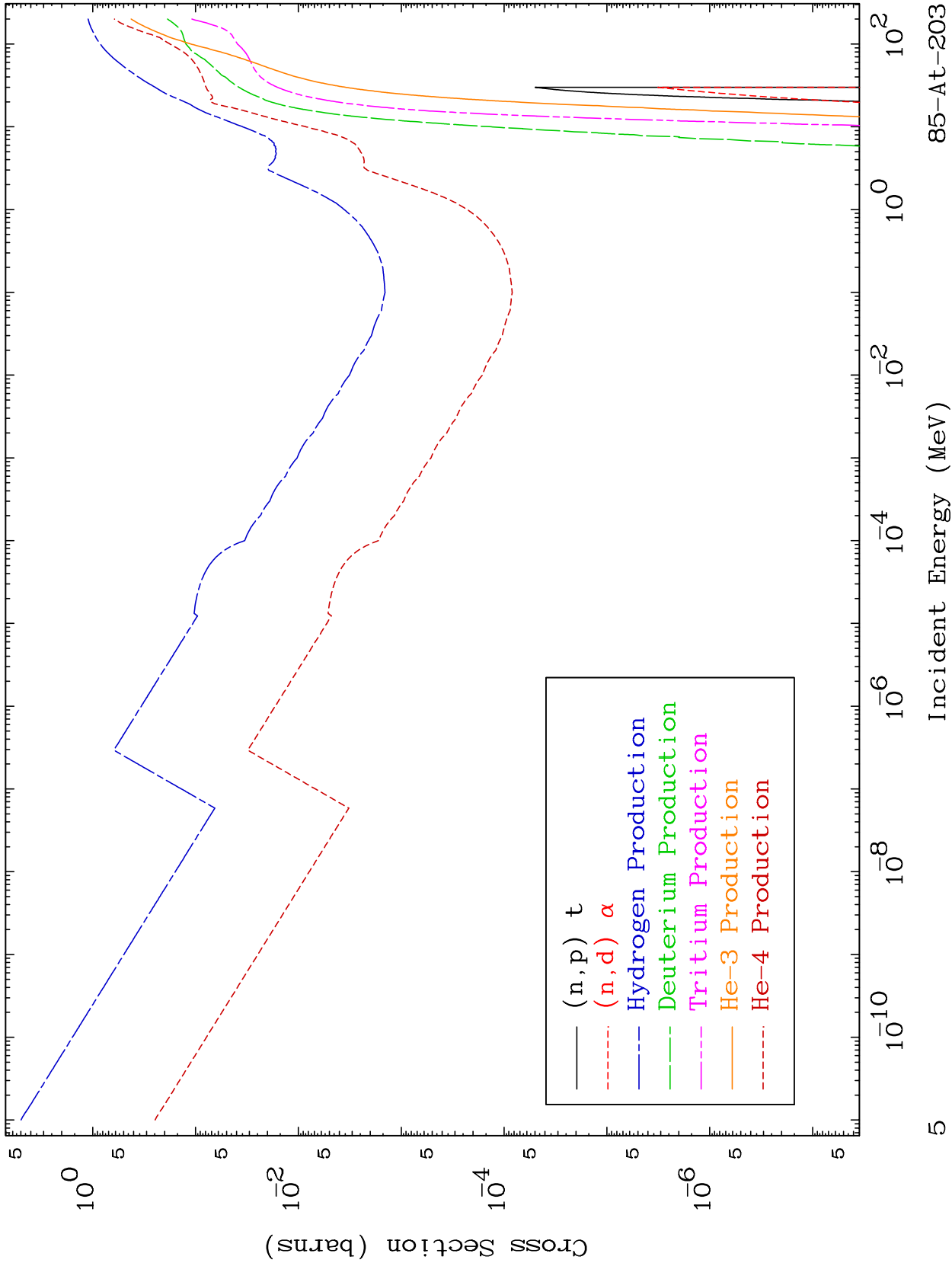


MAT 8525

Neutron Absorption  
293 Kelvin Cross Sections

85-At-203

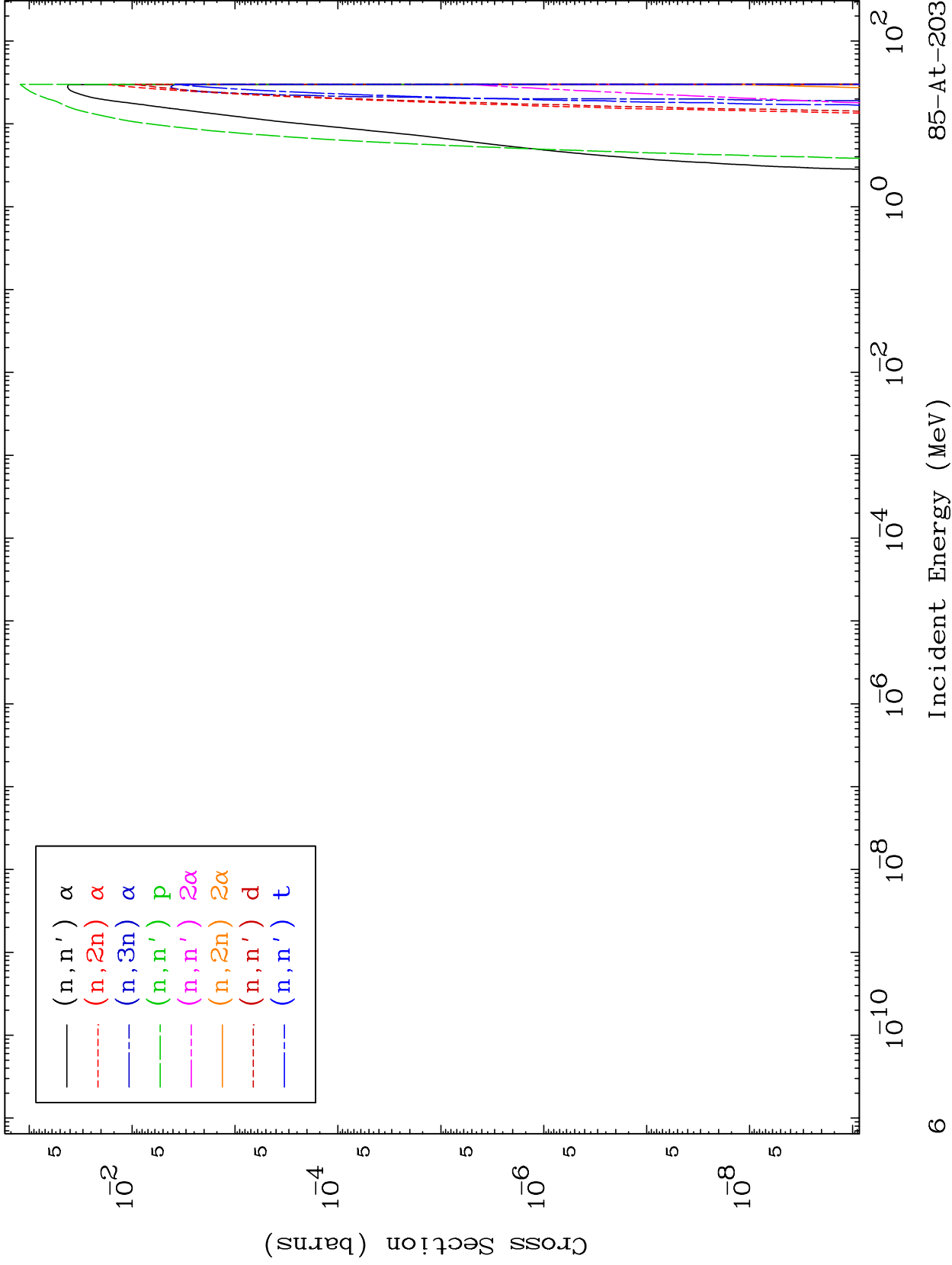




MAT 8525

Charged Particle  
293 Kelvin Cross Sections

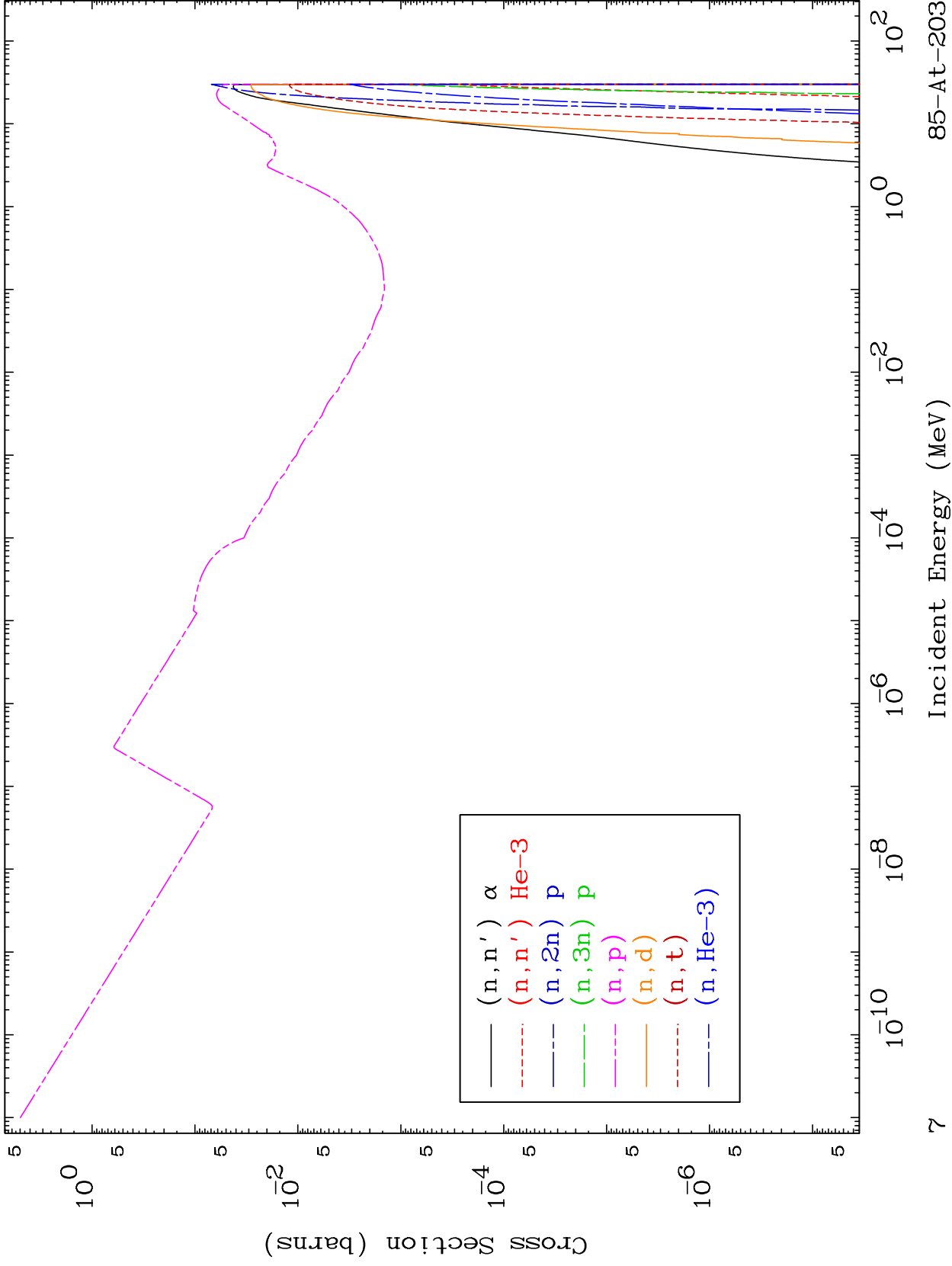
85-At-203



MAT 8525

Charged Particle  
293 Kelvin Cross Sections

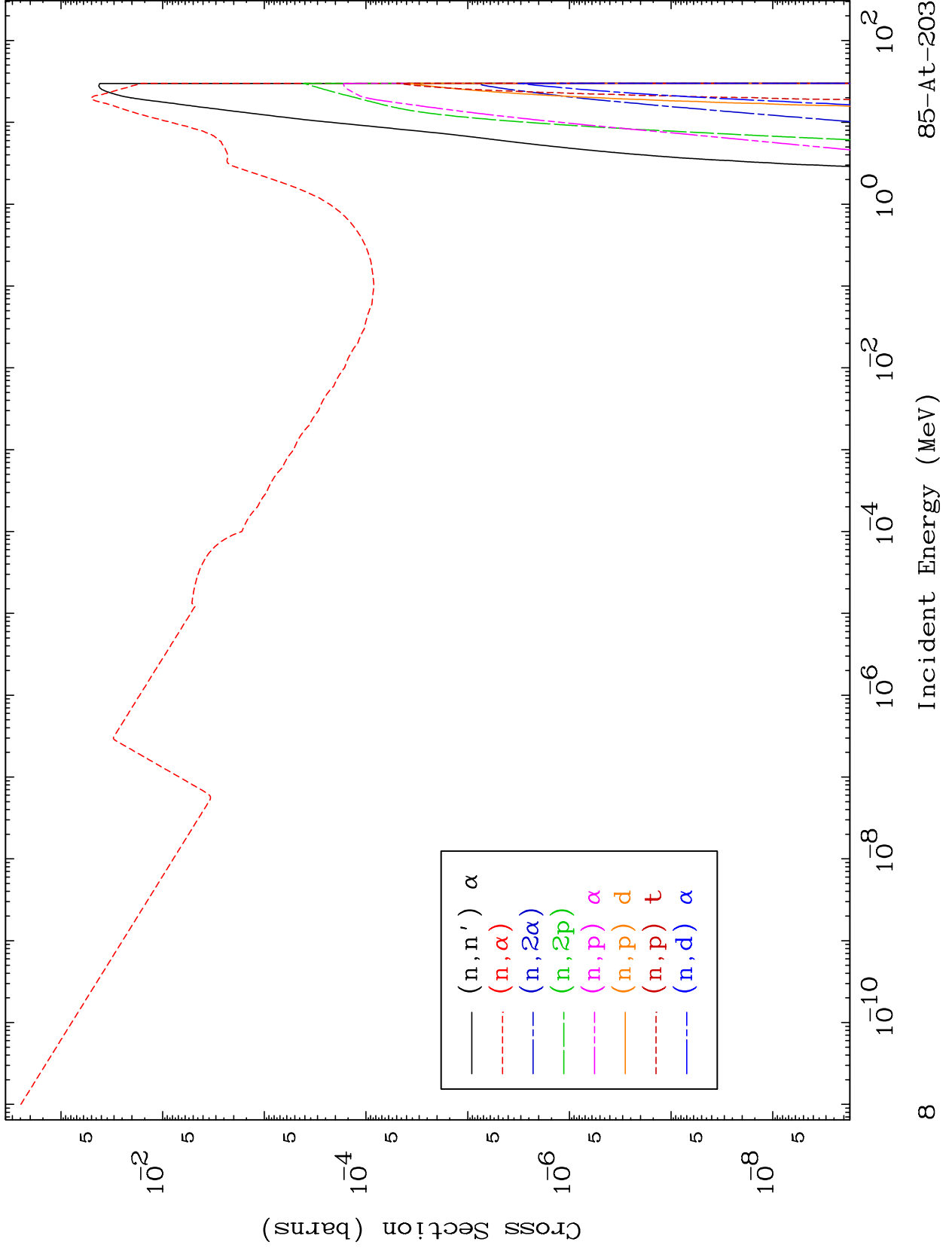
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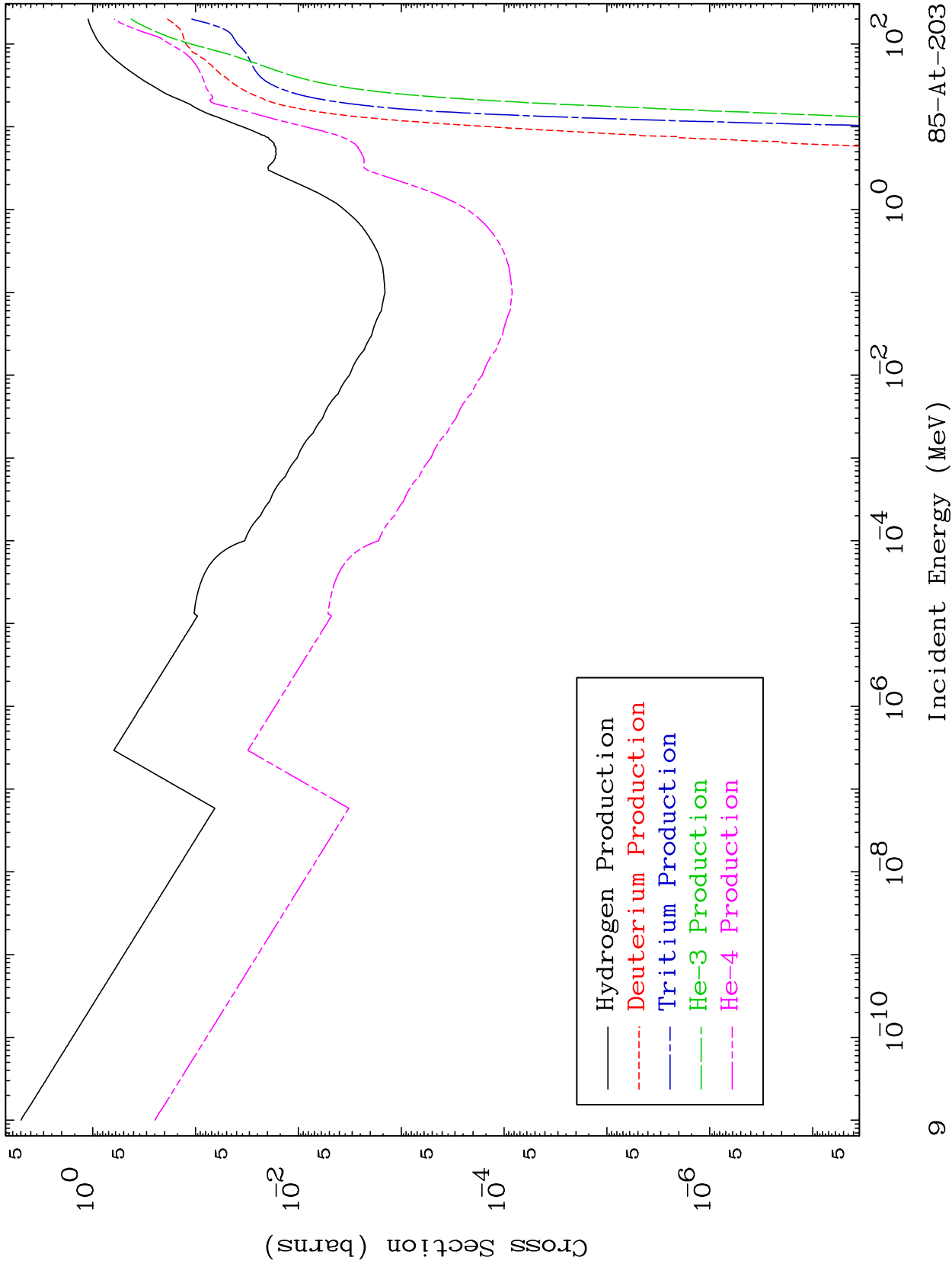


MAT 8525

Charged Particle  
293 Kelvin Cross Sections

85-At-203

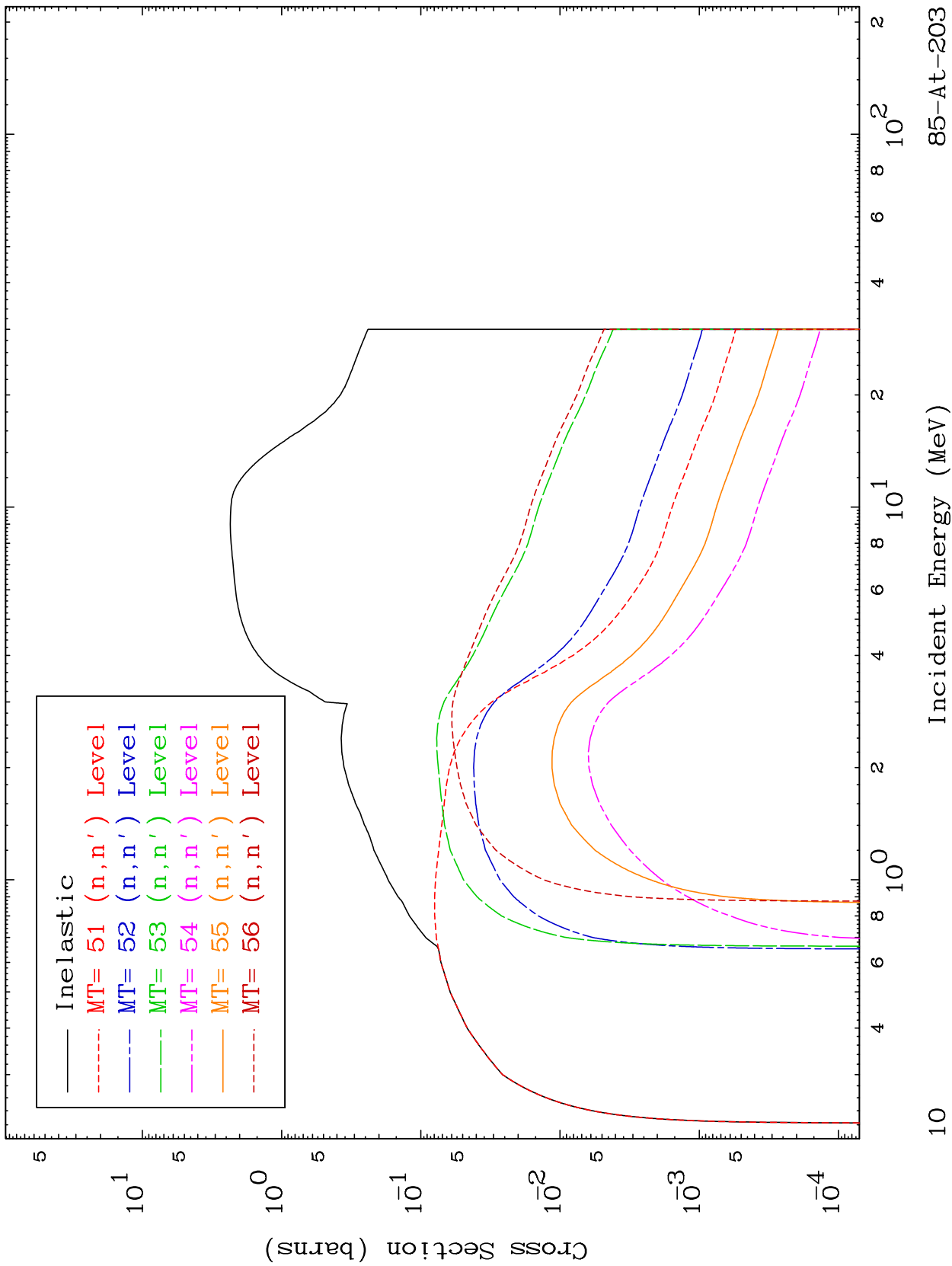




MAT 8525

(n,n') Levels  
293 Kelvin Cross Sections

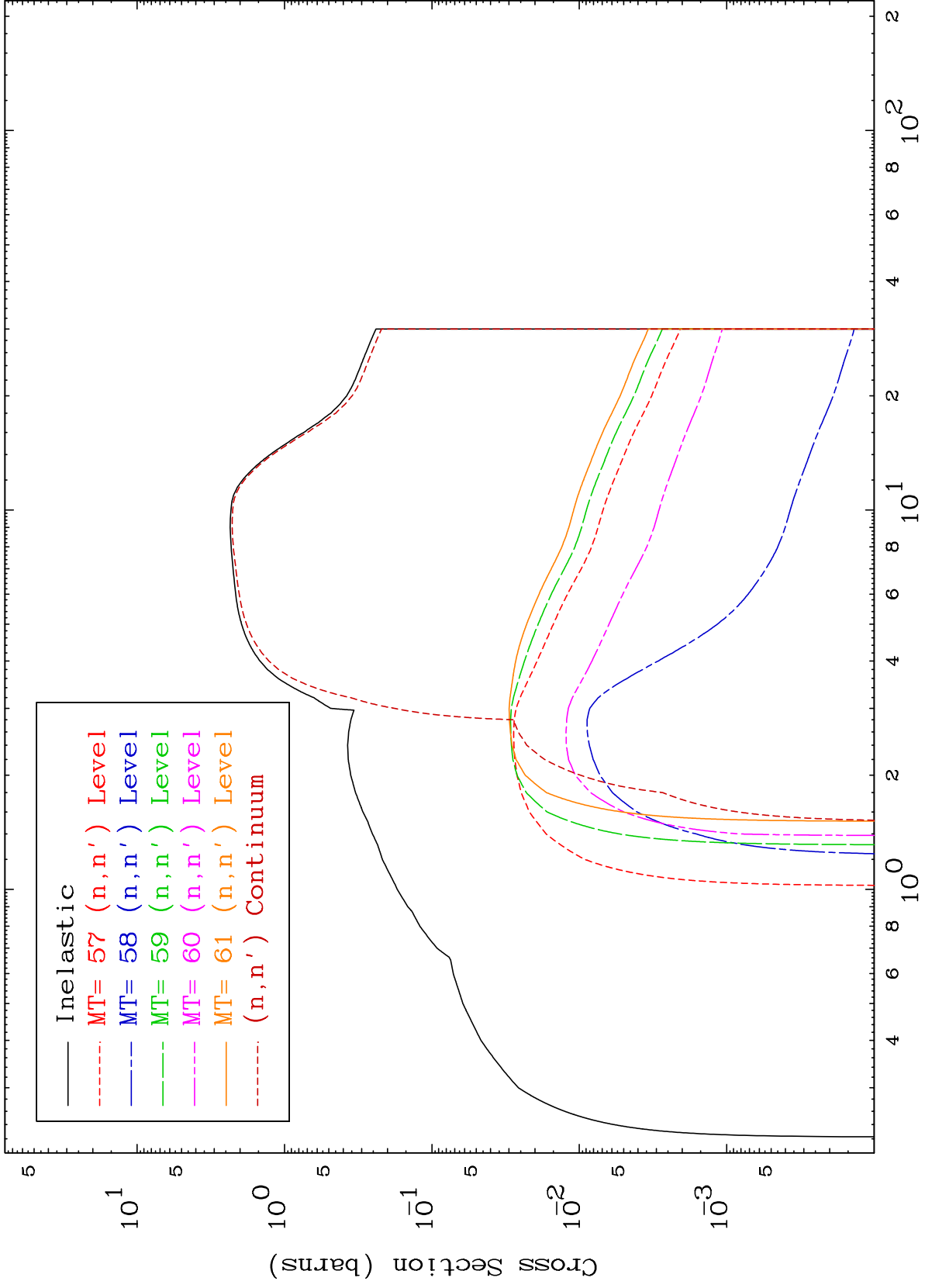
85-At-203



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Incident Energy (MeV)

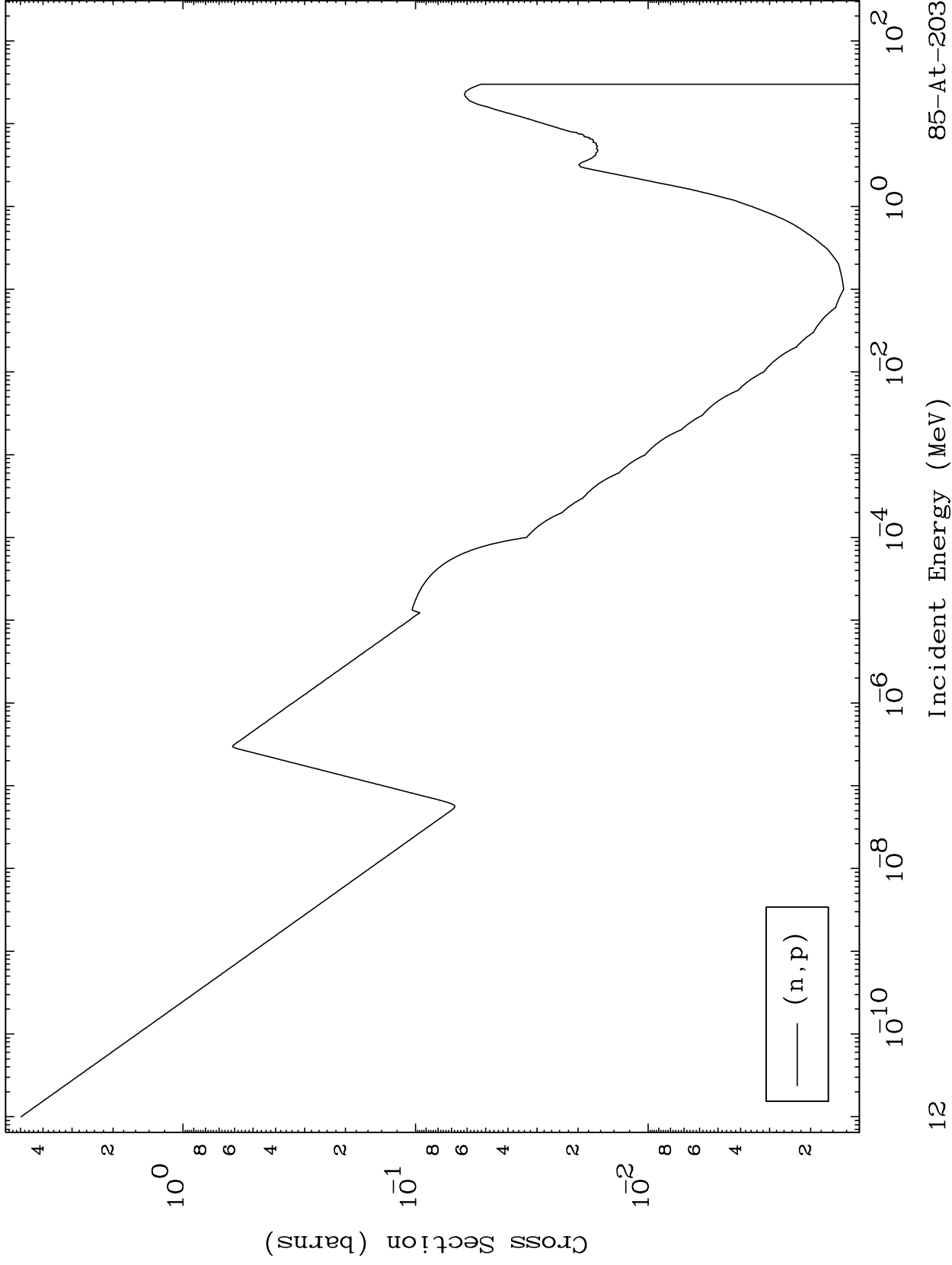
85-At-203



MAT 8525

(n,p) Levels  
293 Kelvin Cross Sections

85-At-203



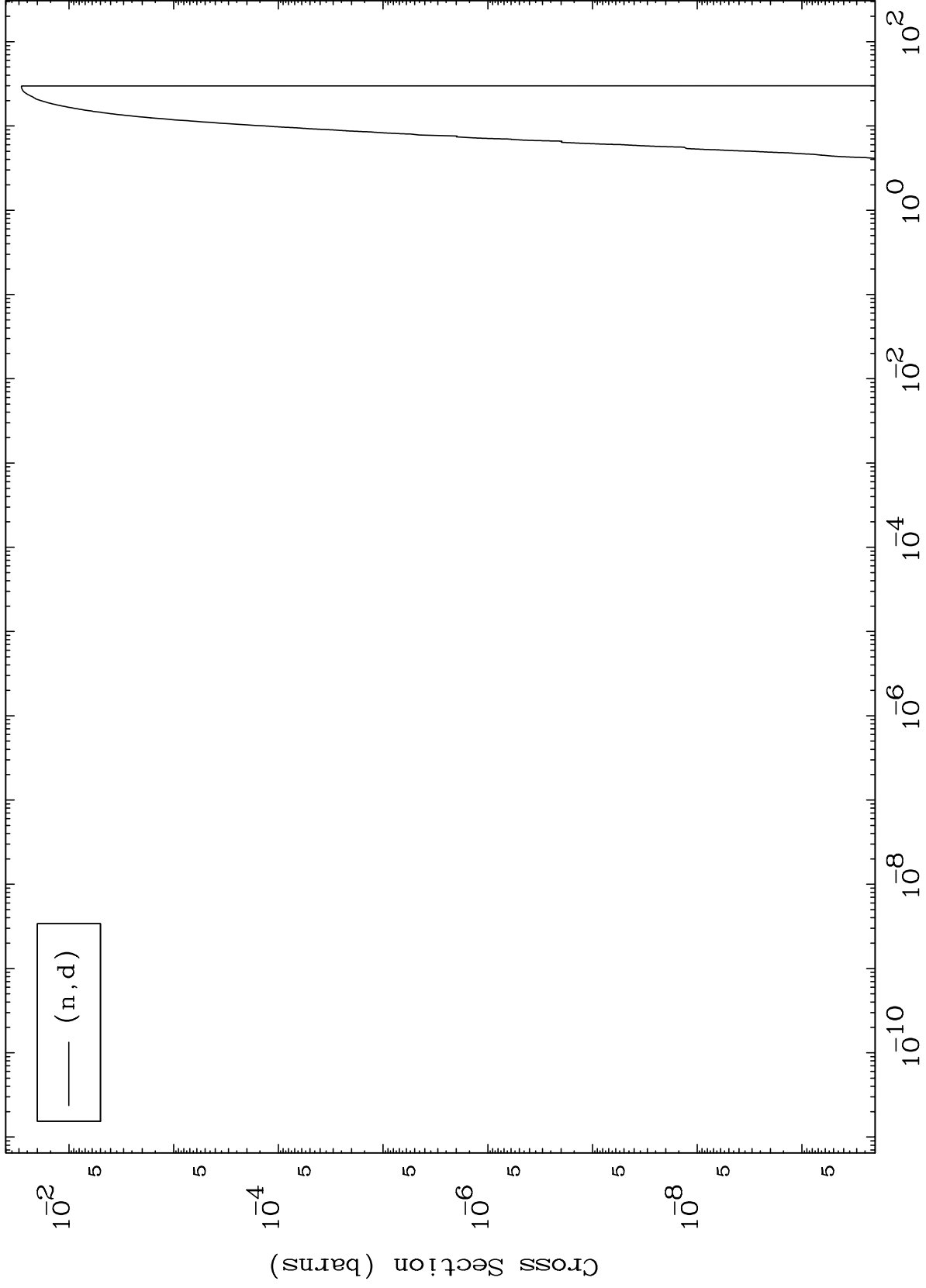
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85-At-203

MAT 8525

(n,d) Levels  
293 Kelvin Cross Sections

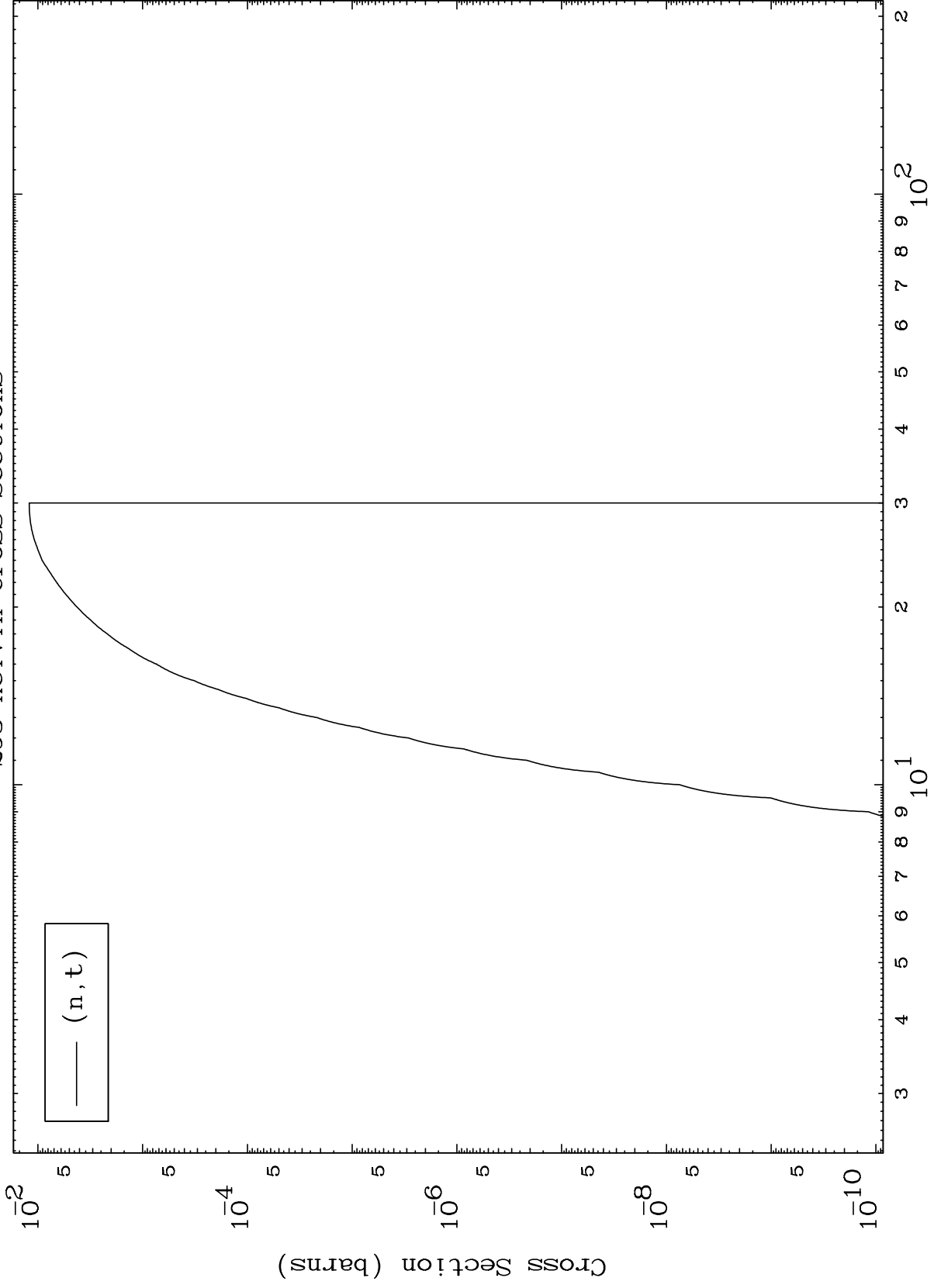
85-At-203



MAT 8525

(n,t) Levels  
293 Kelvin Cross Sections

85-At-203



14

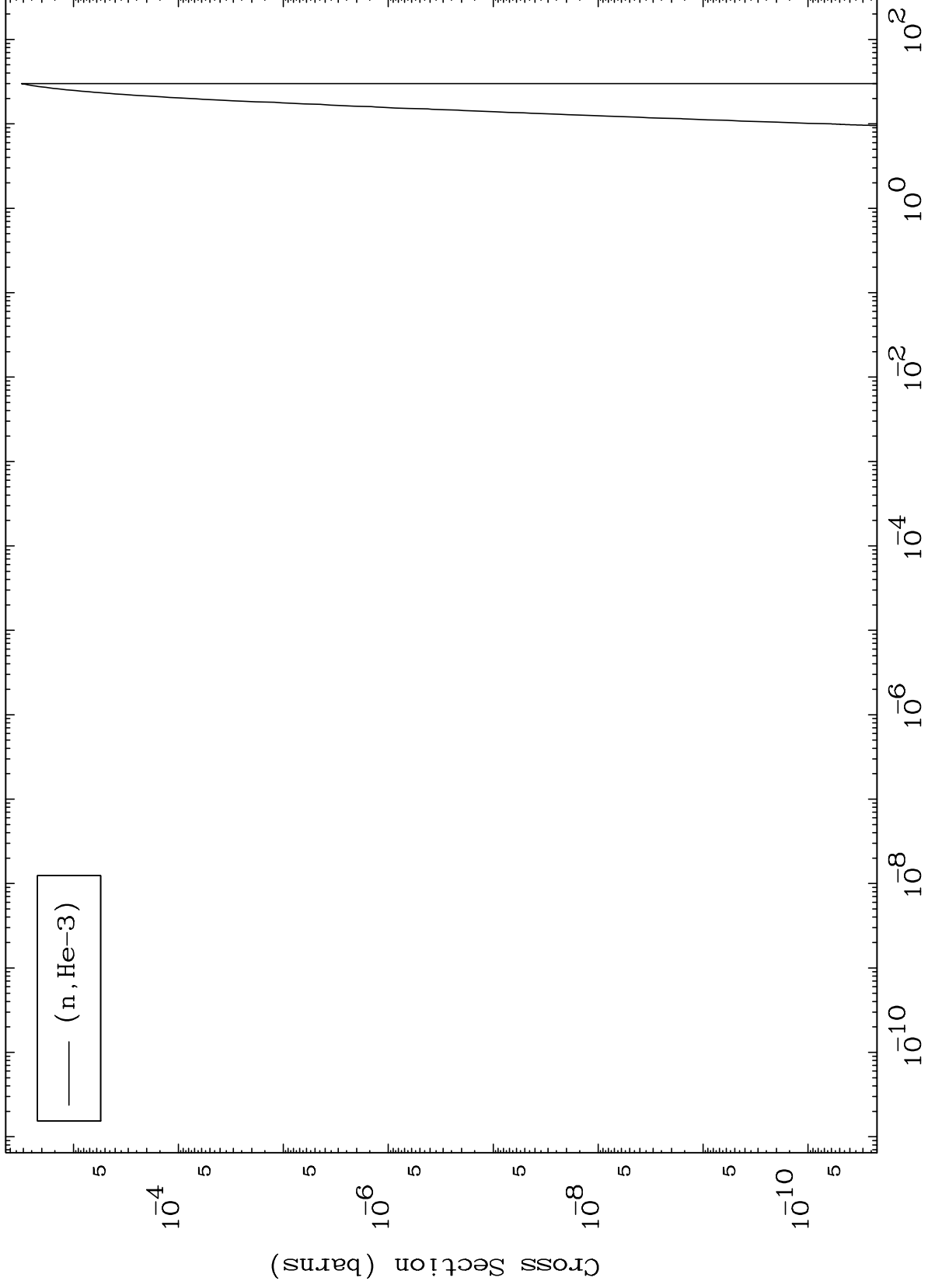
Incident Energy (MeV)

85-At-203

MAT 8525

(n,He3) Levels  
293 Kelvin Cross Sections

85-At-203



15

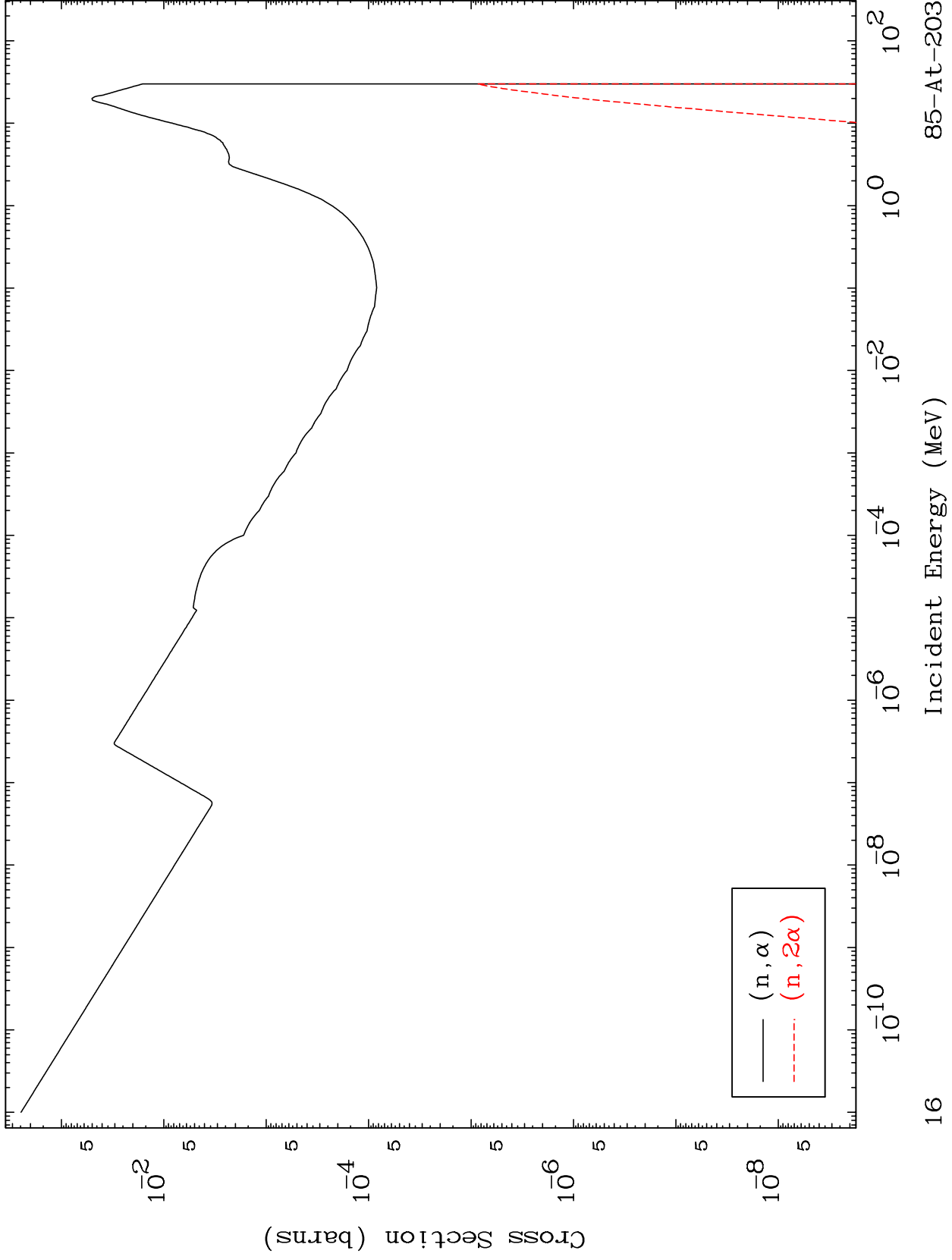
Incident Energy (MeV)

85-At-203

MAT 85225

(n,α) Levels  
293 Kelvin Cross Sections

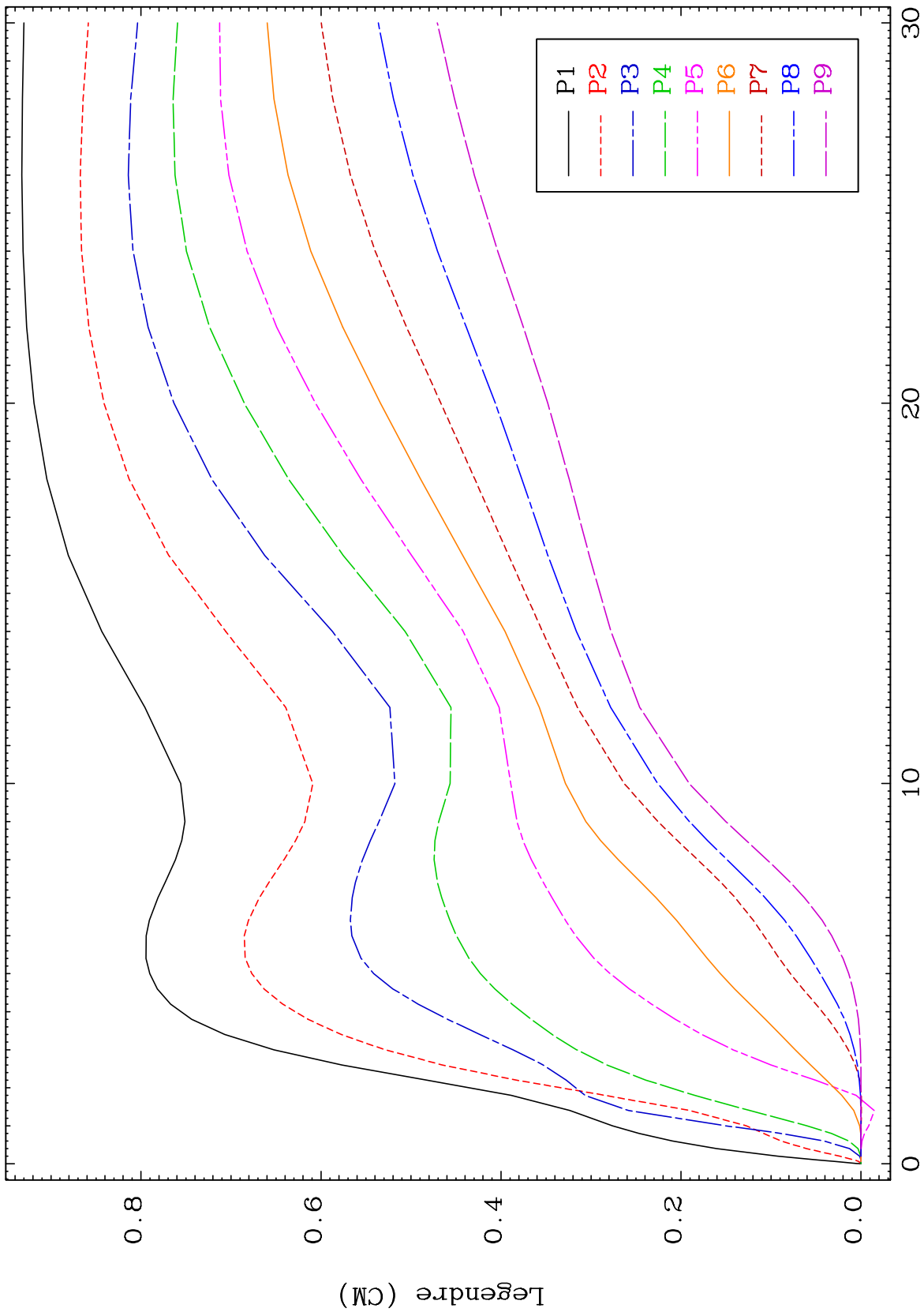
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MAT 8525

Elastic Legendre Coefficients

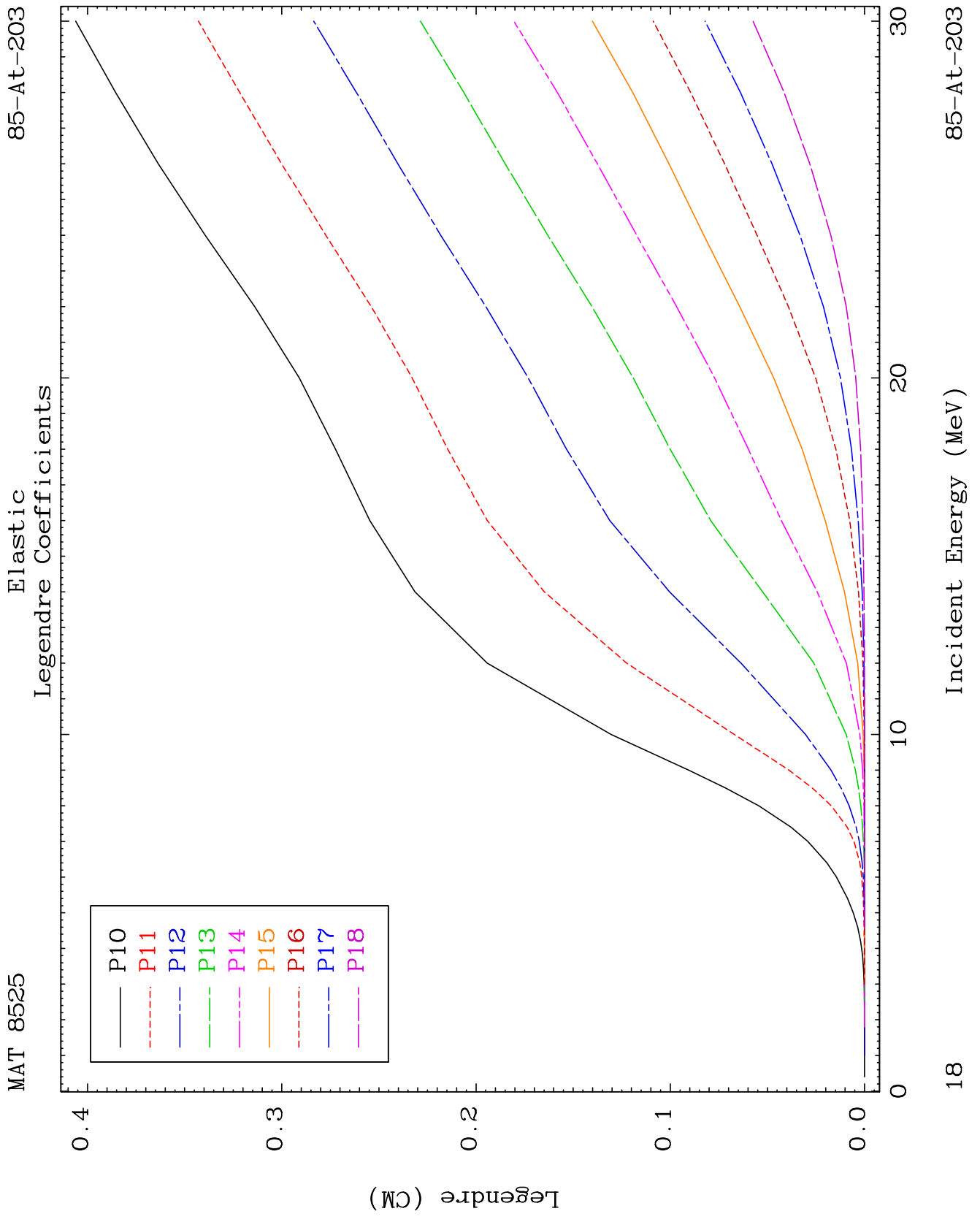
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17

Incident Energy (MeV)

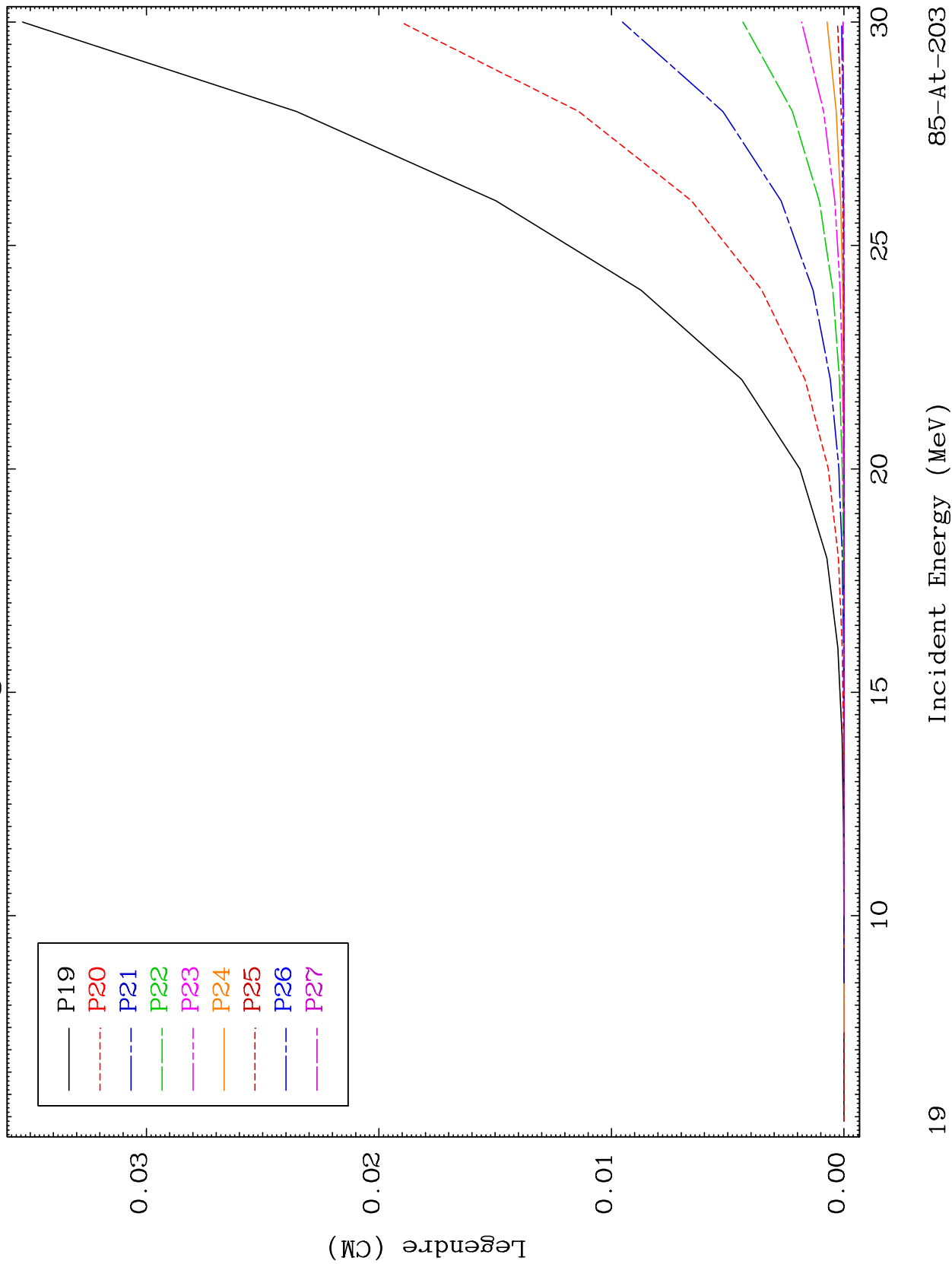
85-At-203



MAT 8525

### Elastic Legendre Coefficients

85-At-203



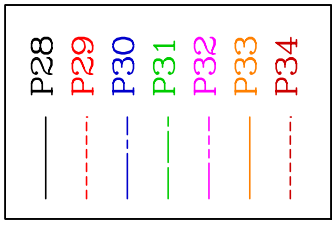
19

85-At-203

MAT 8525

Elastic Legendre Coefficients

85-At-203



$\times 10^{-5}$   
1.2

1.0

Legendre (CM)

0.8

0.6

0.4

0.2

0.0

15

20

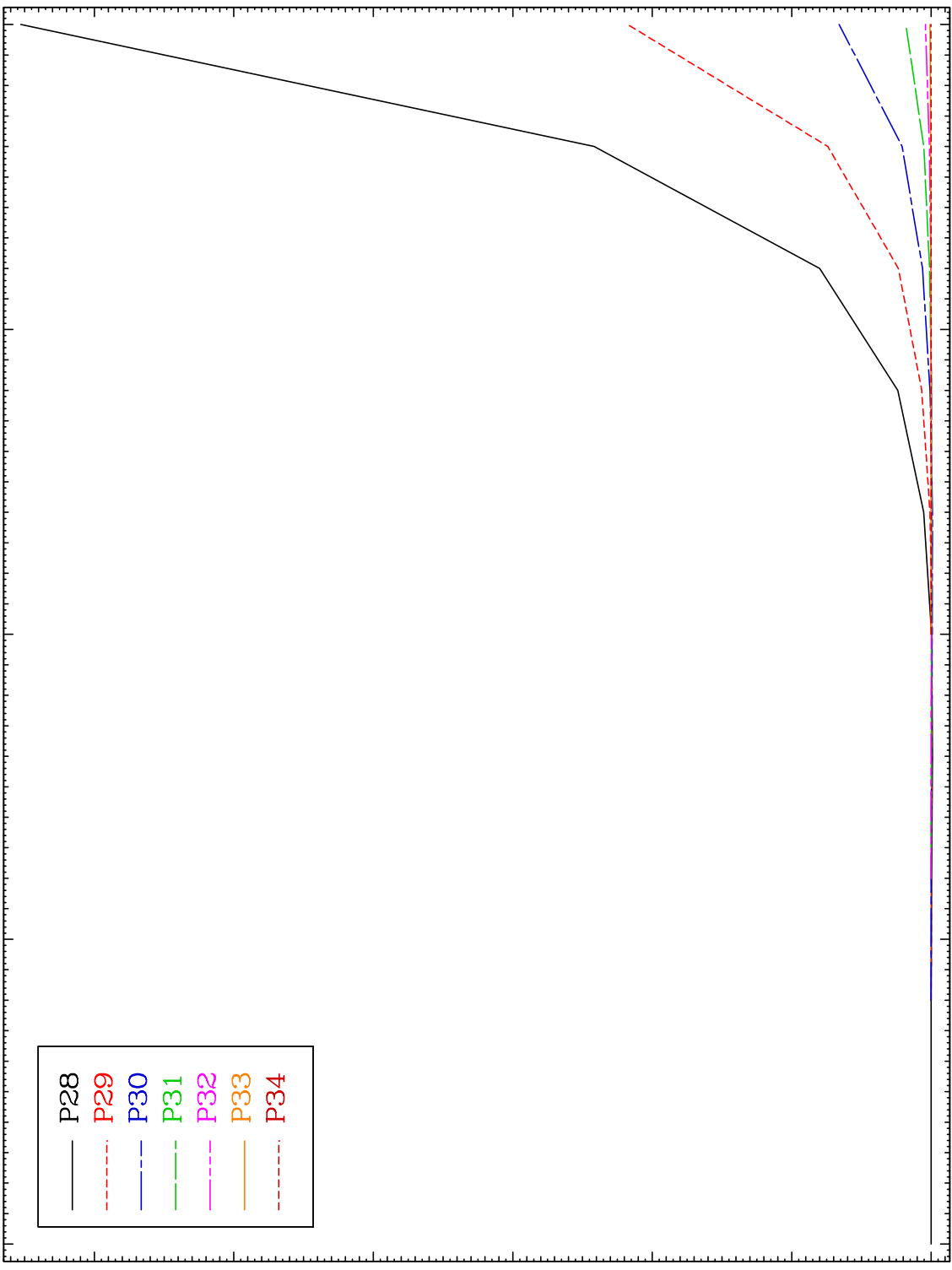
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30

20

Incident Energy (MeV)

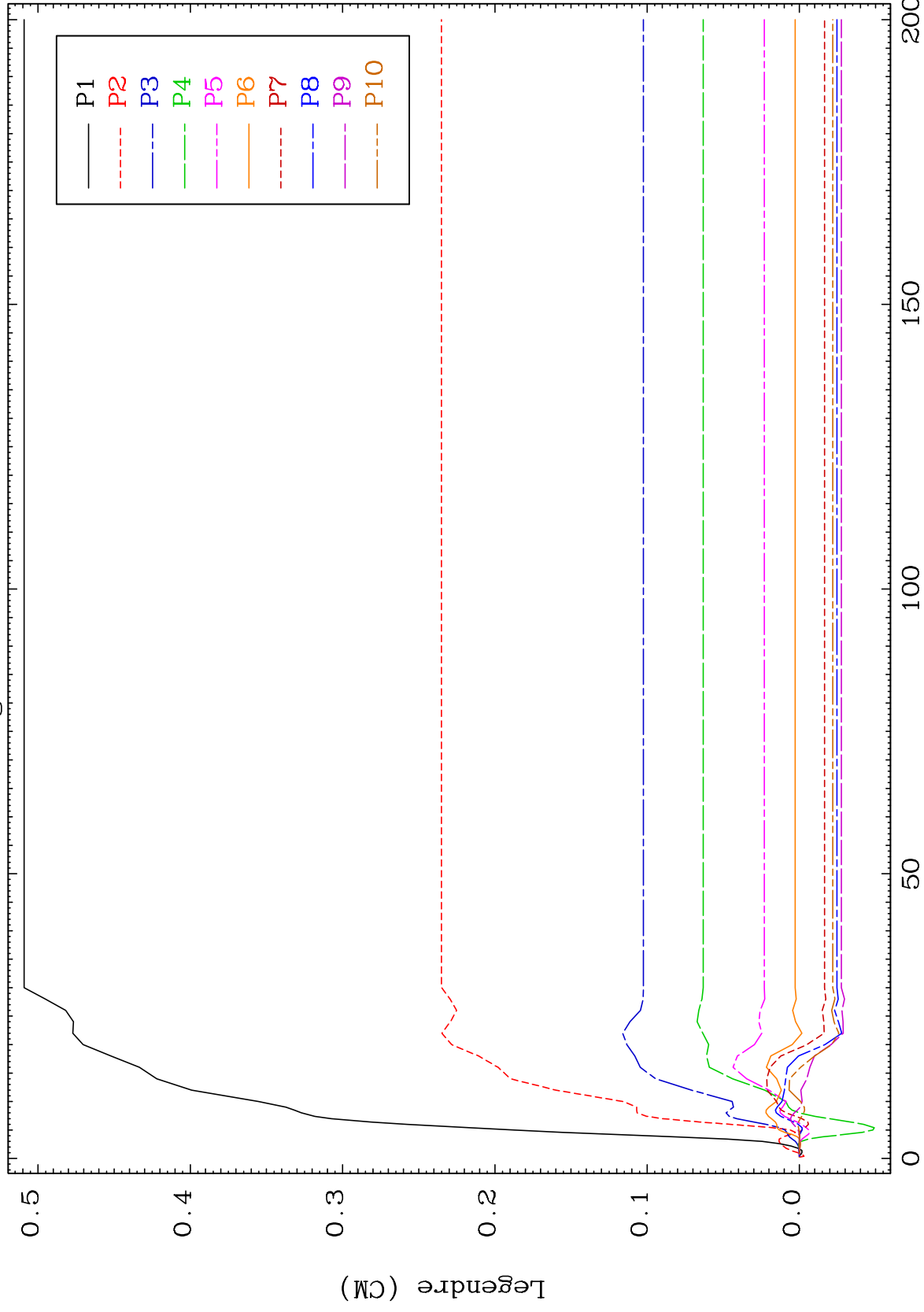
85-At-203



MAT 8525

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

85-At-203



21

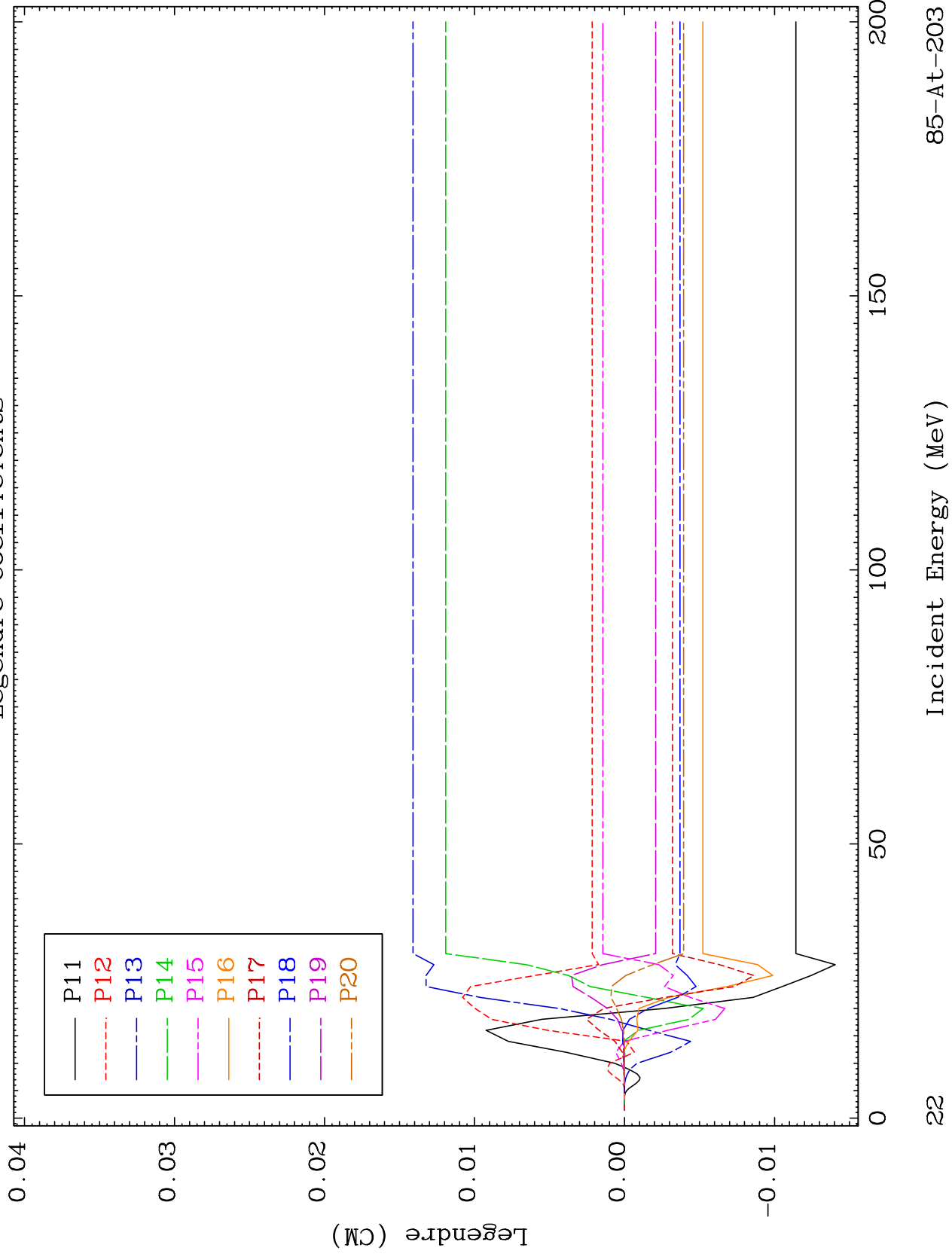
Incident Energy (MeV)

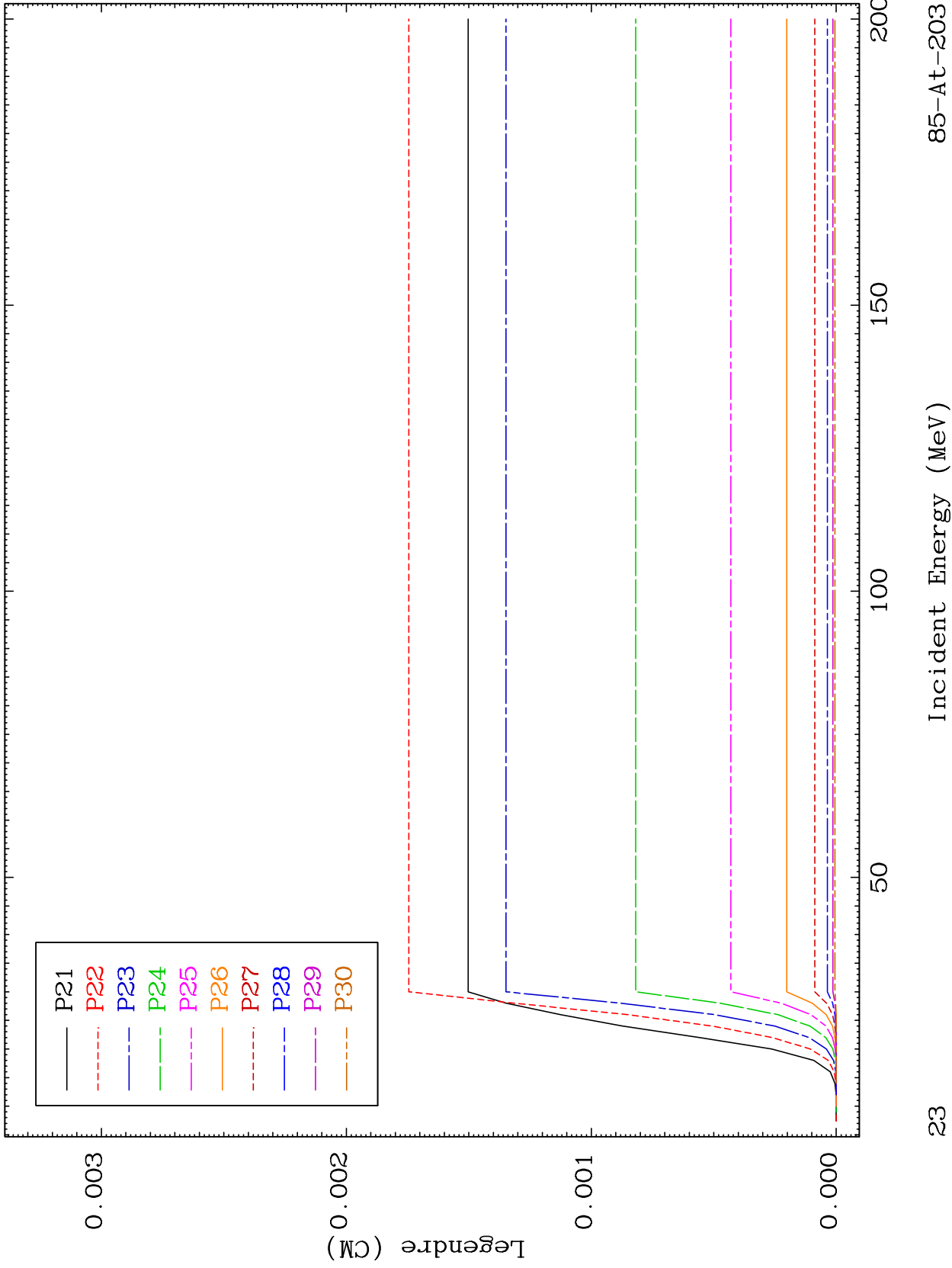
85-At-203

MAT 8525

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

85-At-203

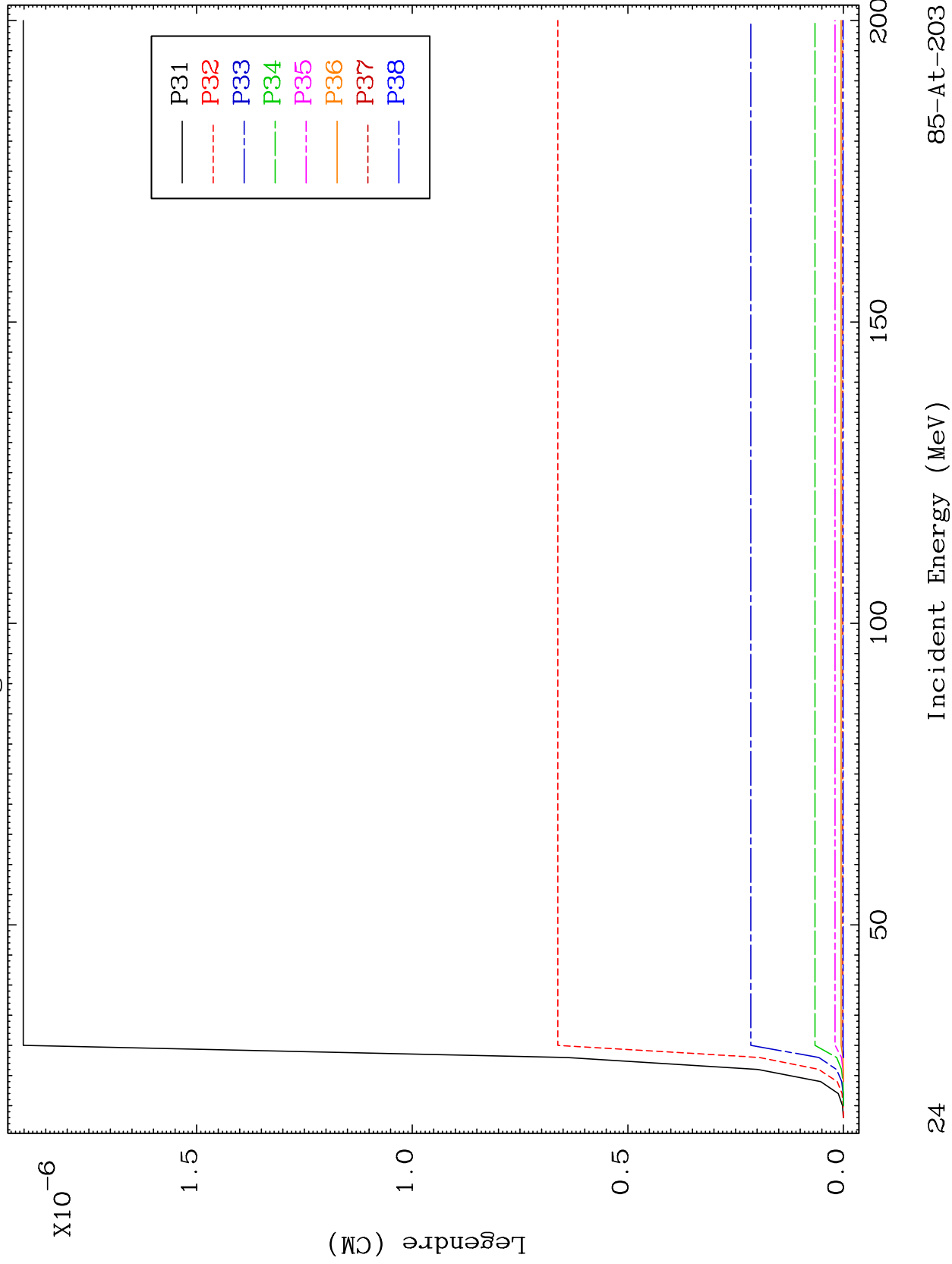




MAT 8525

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

85-At-203



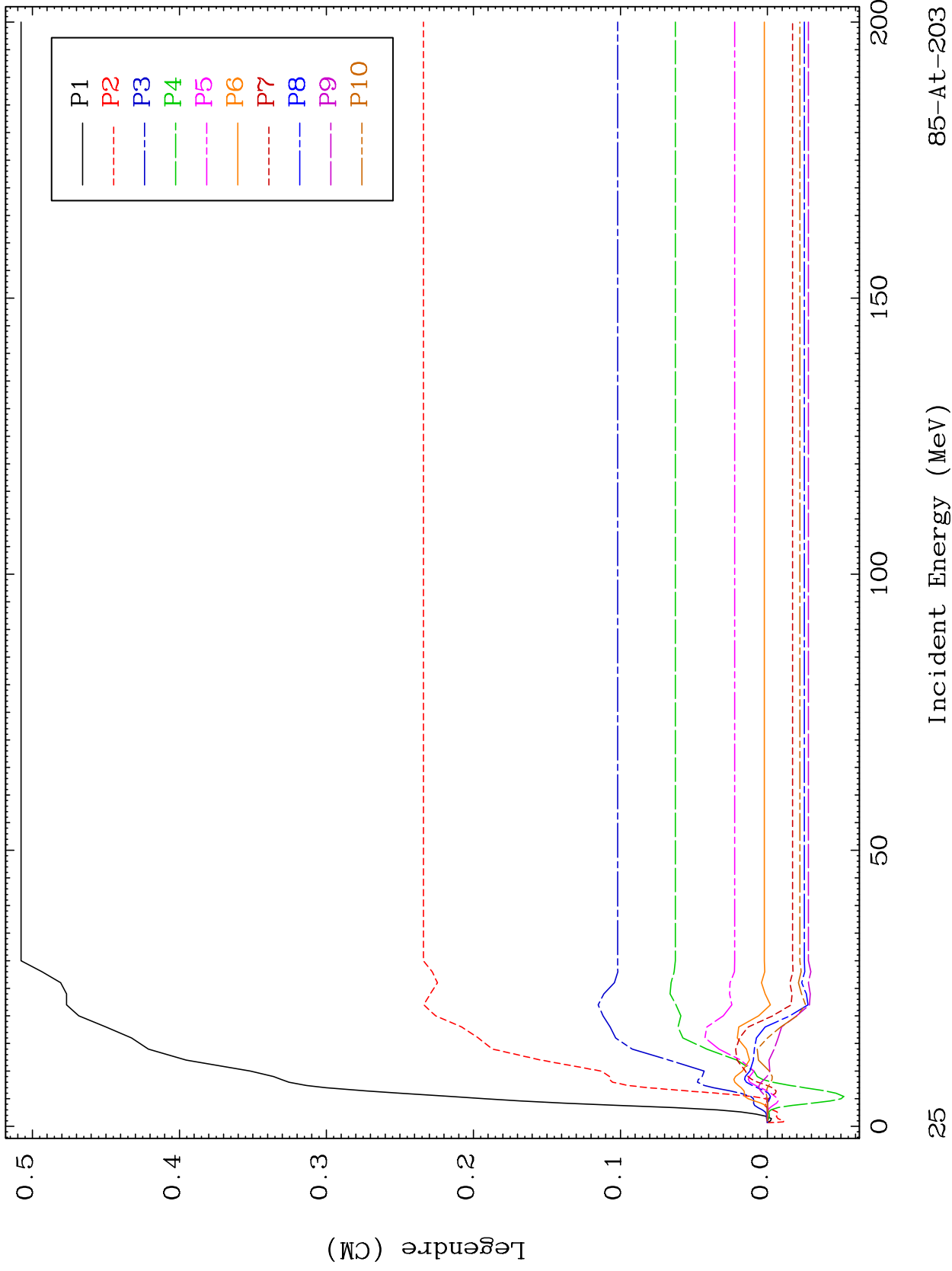
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85-At-203

MAT 8525

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

85-At-203



85-At-203

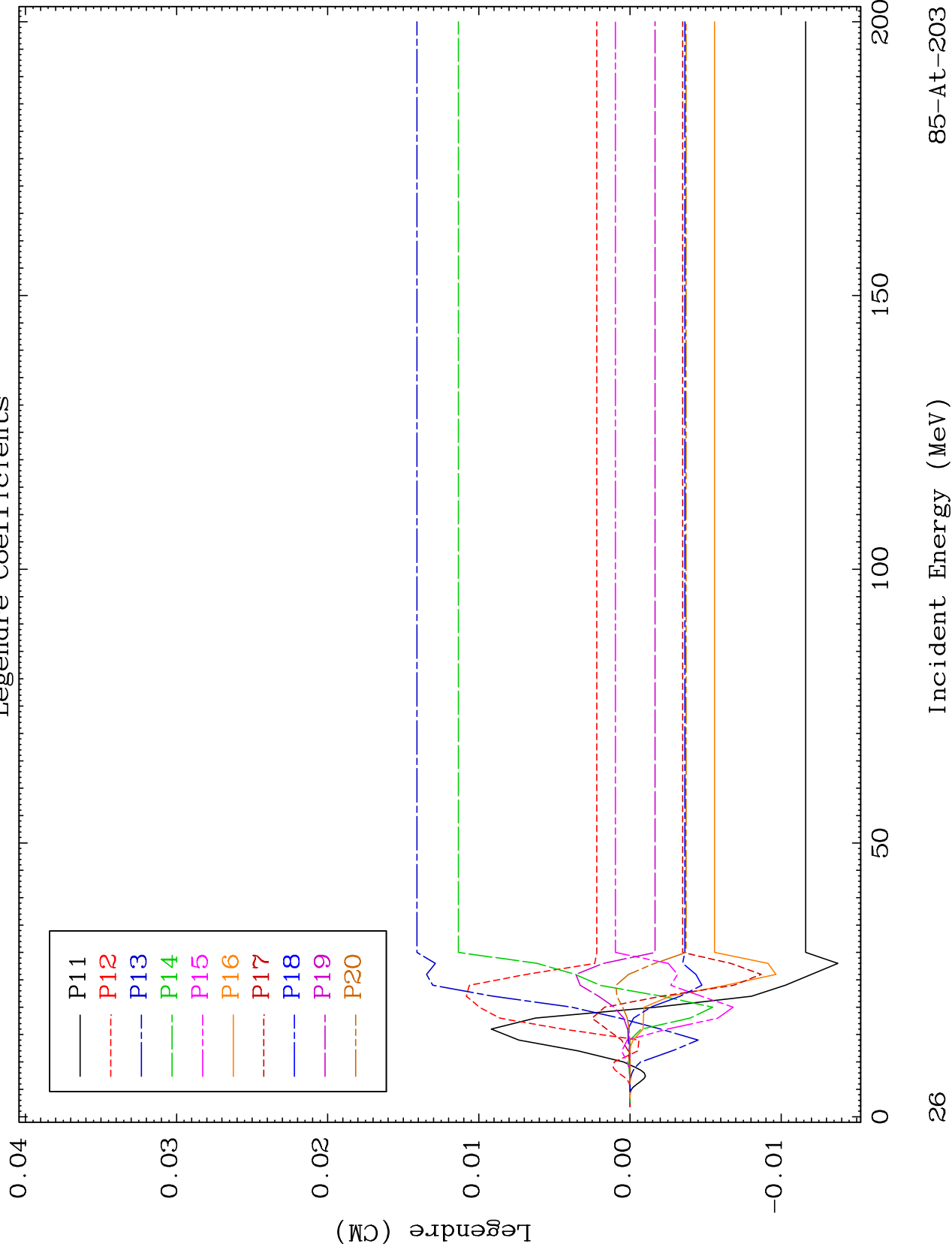
Incident Energy (MeV)

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MAT 8525

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

85-At-203



26

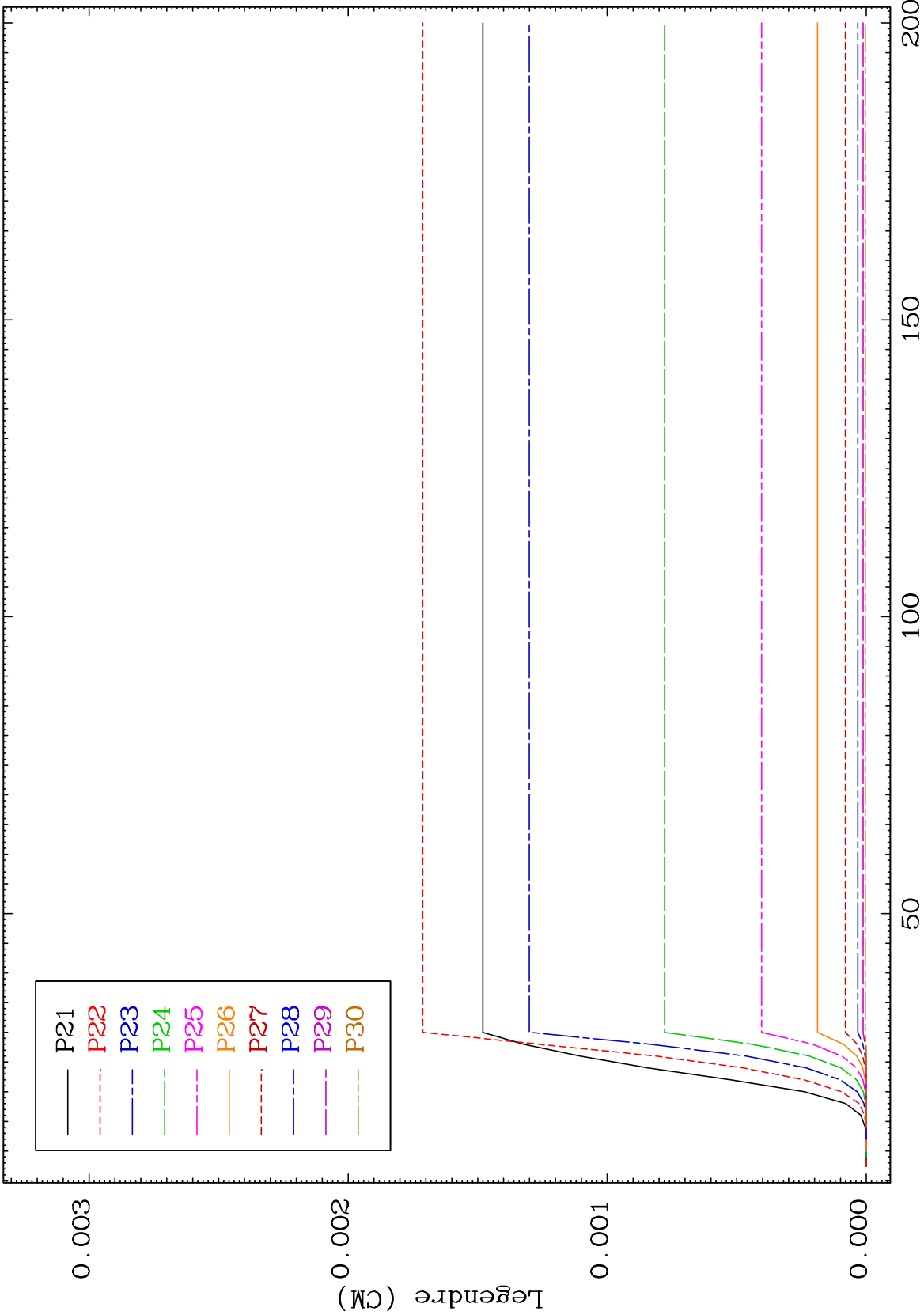
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



27

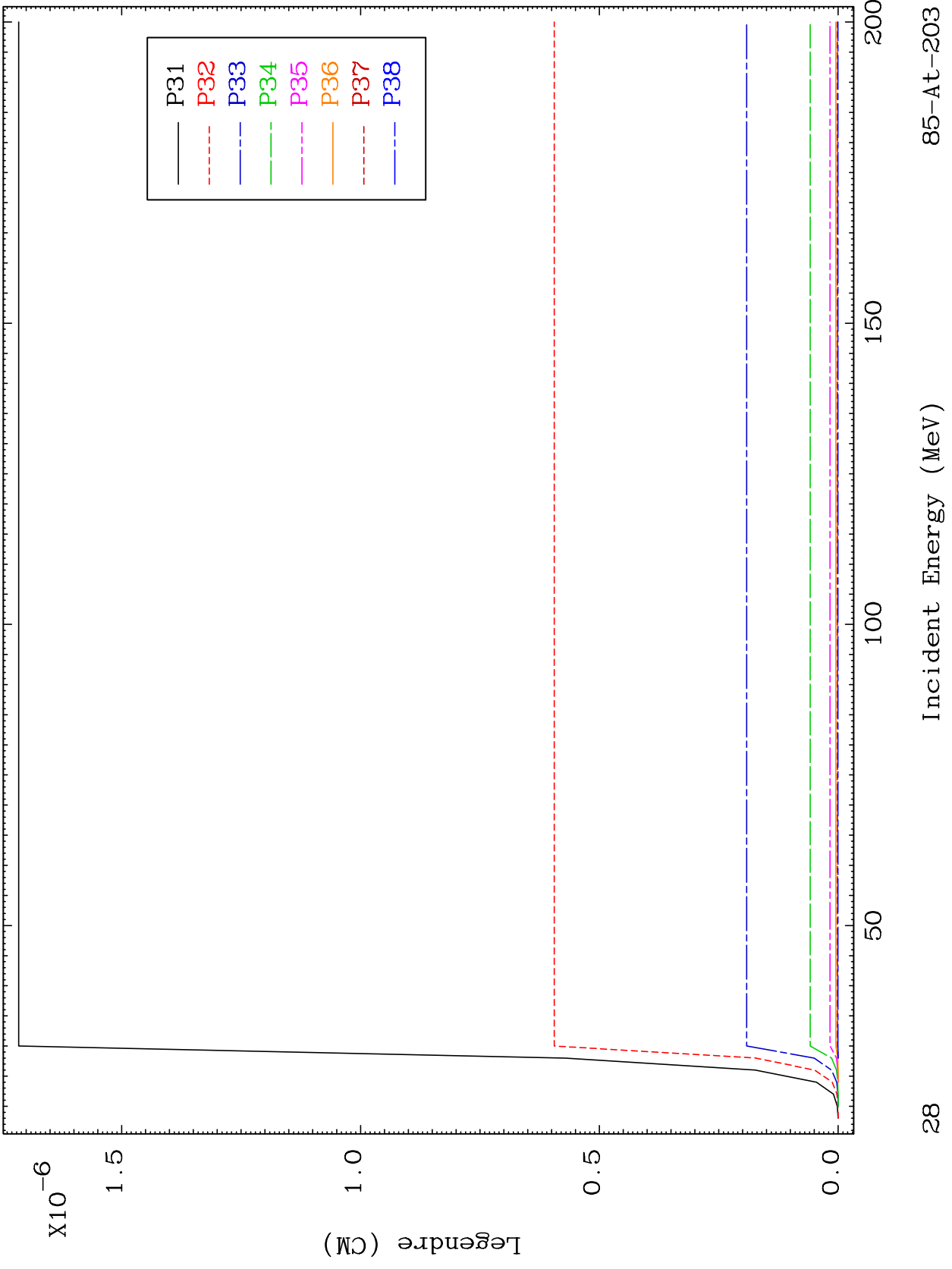
Incident Energy (MeV)

85-At-203

MAT 8525

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

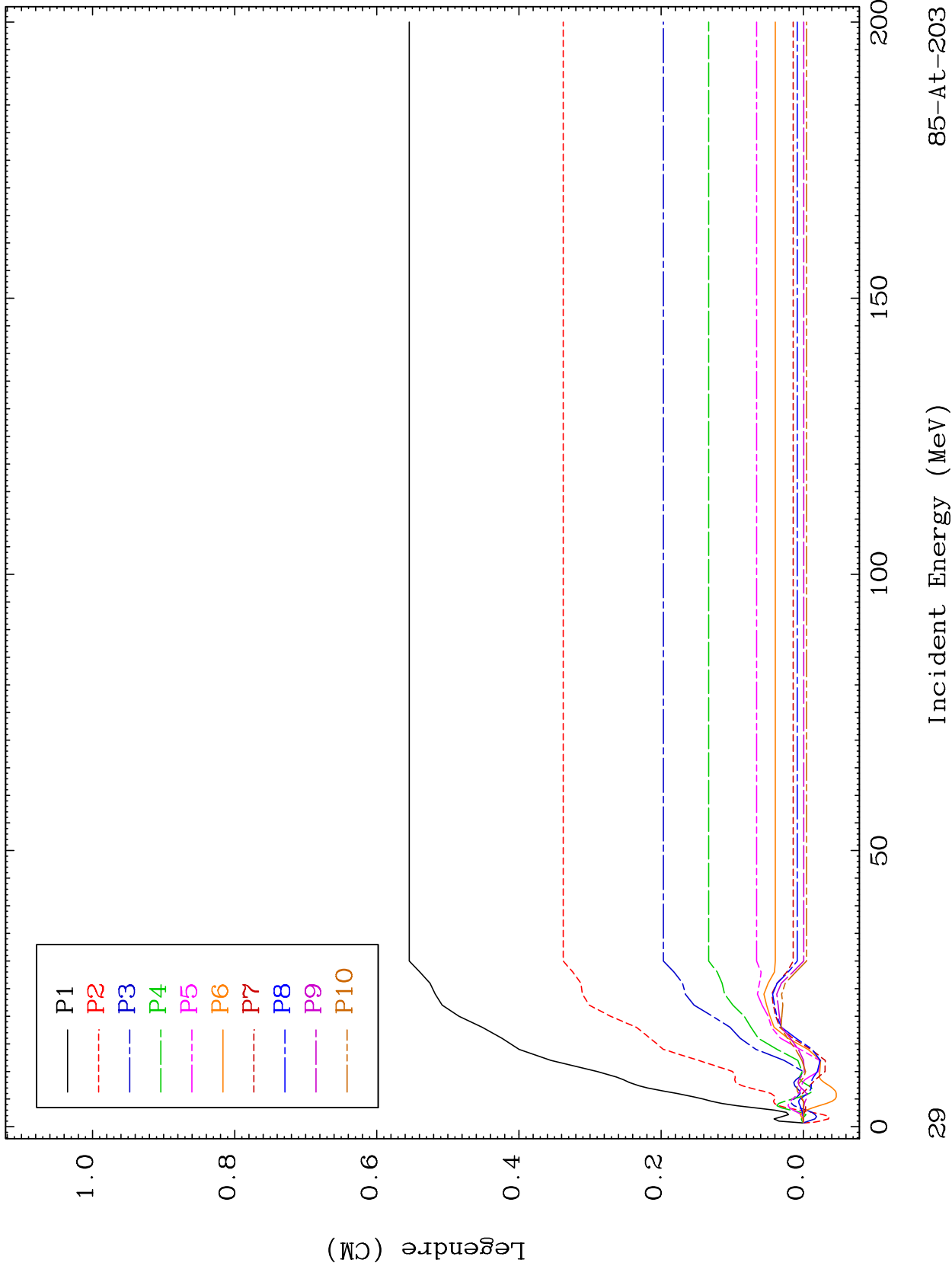
85-At-203



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Incident Energy (MeV)

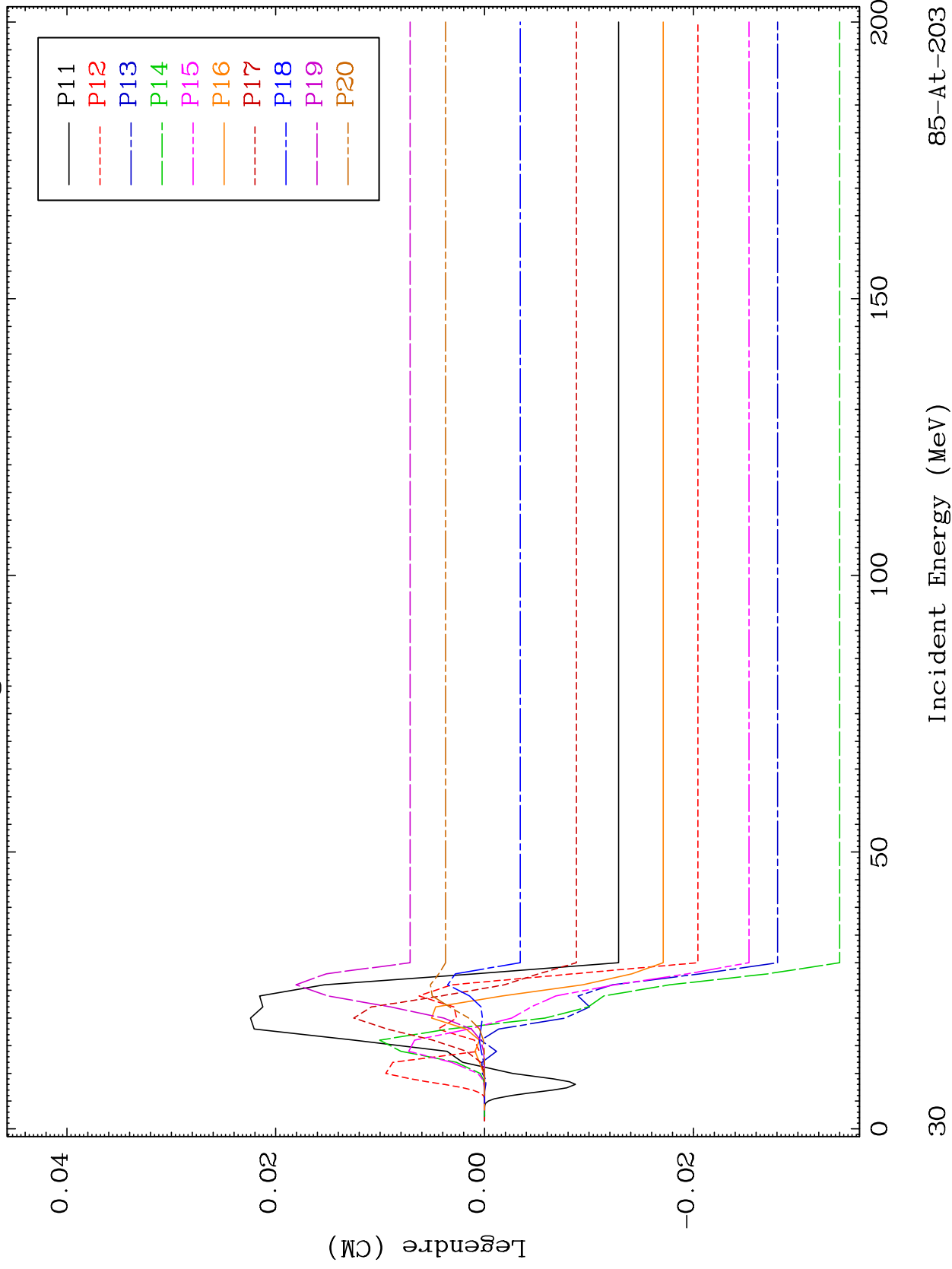
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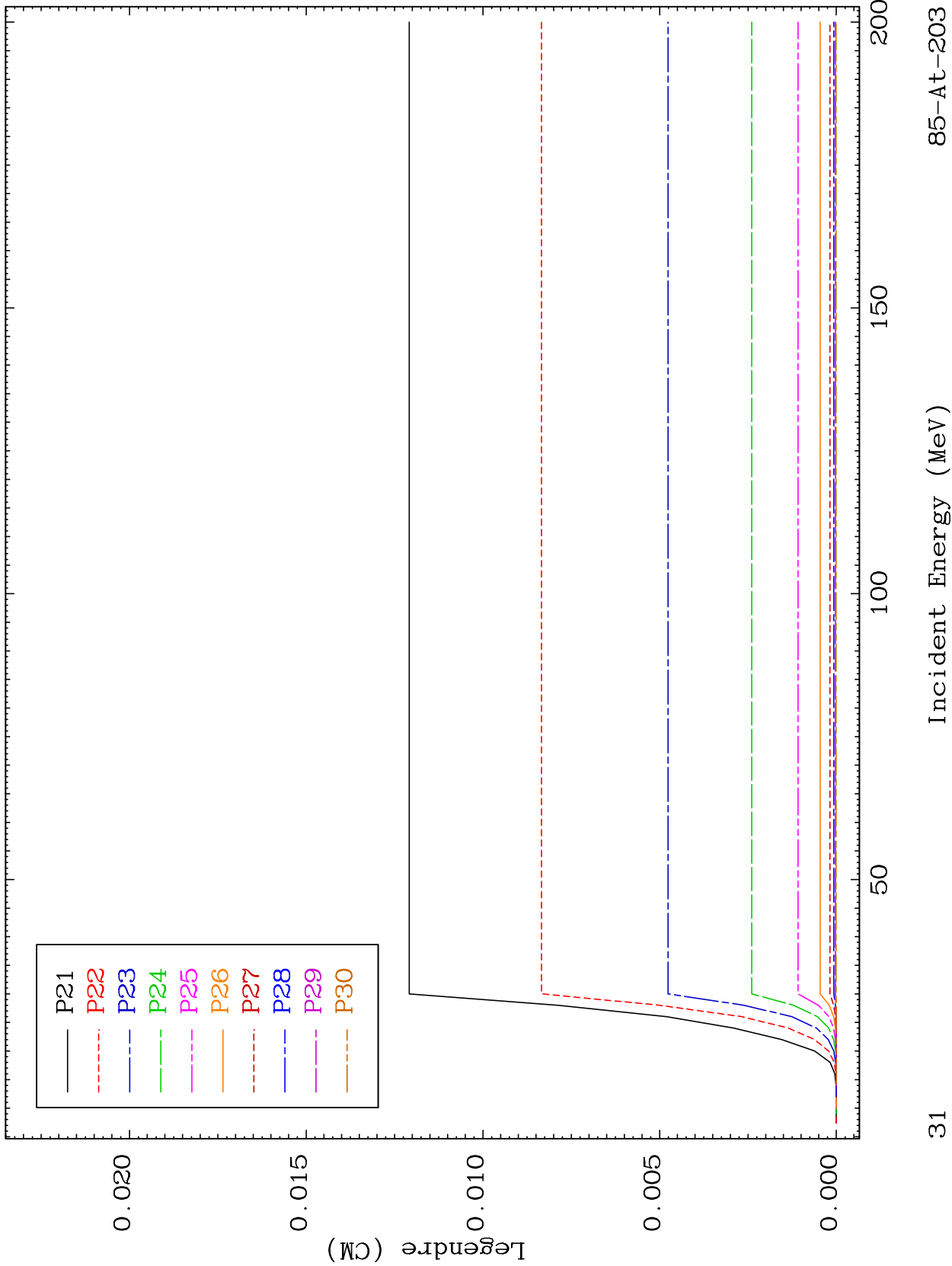


MAT 8525

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

85-At-203

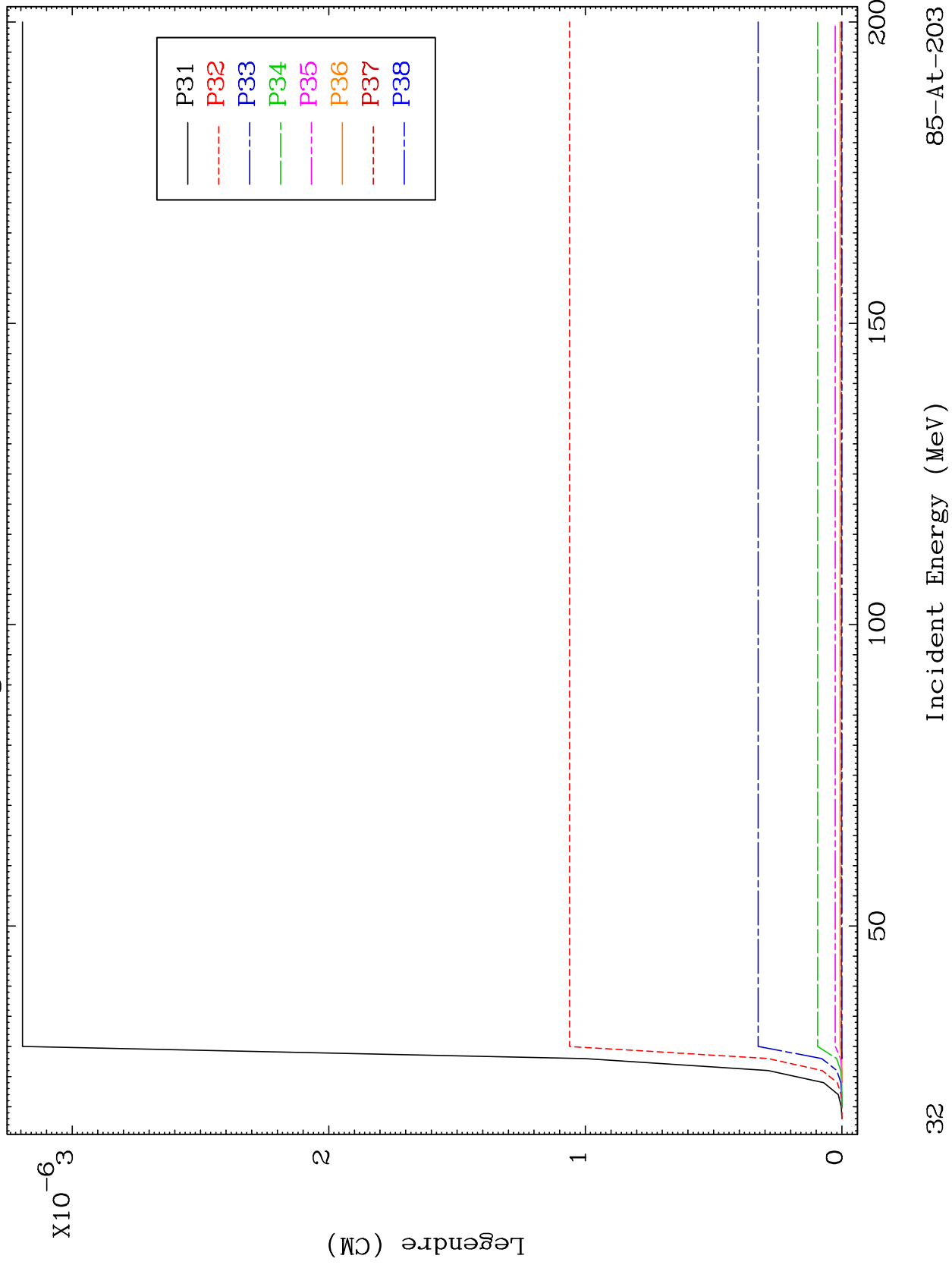




MAT 8525

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

85-At-203



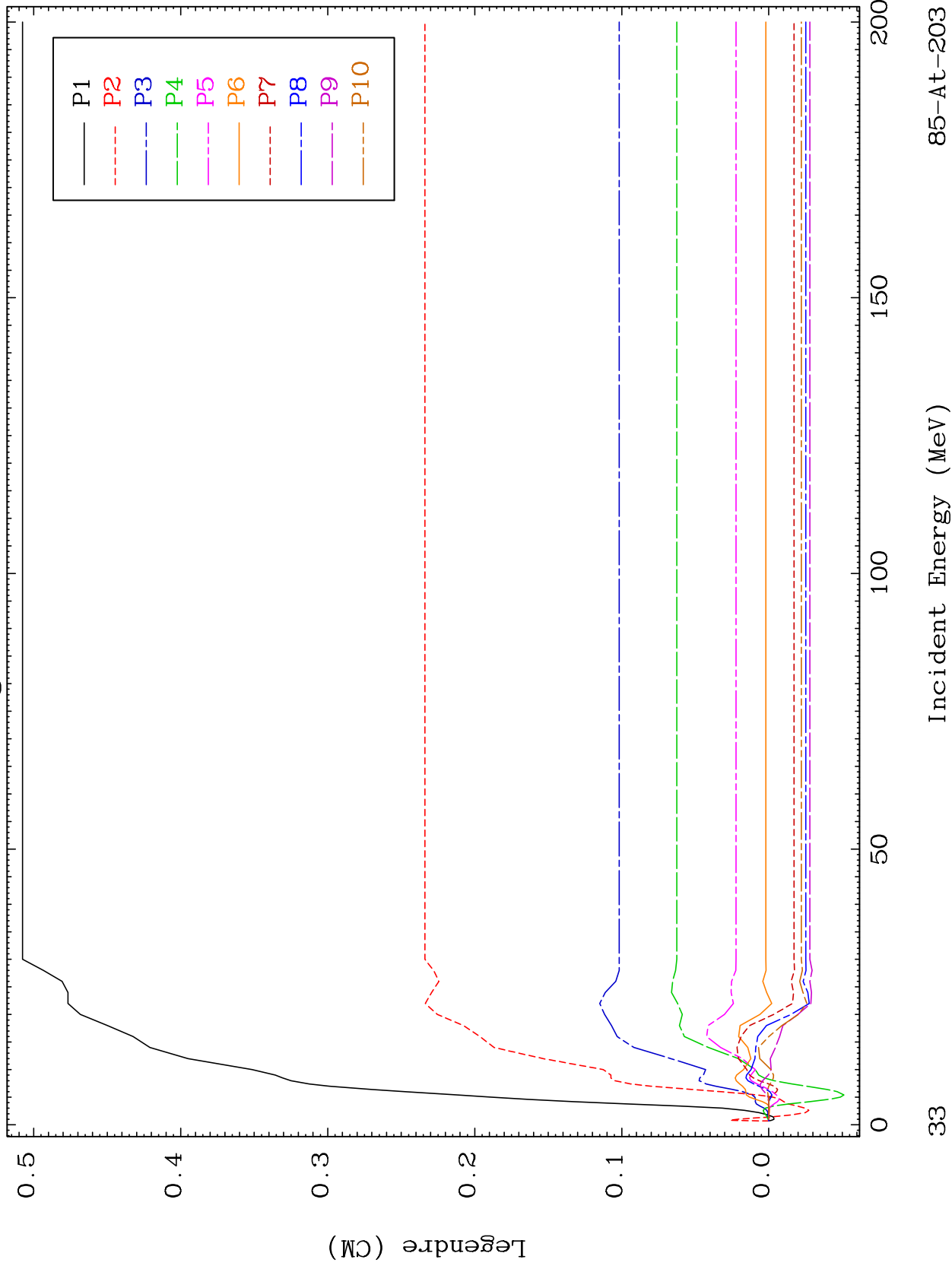
32

85-At-203

MAT 8525

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

85-At-203



85-At-203

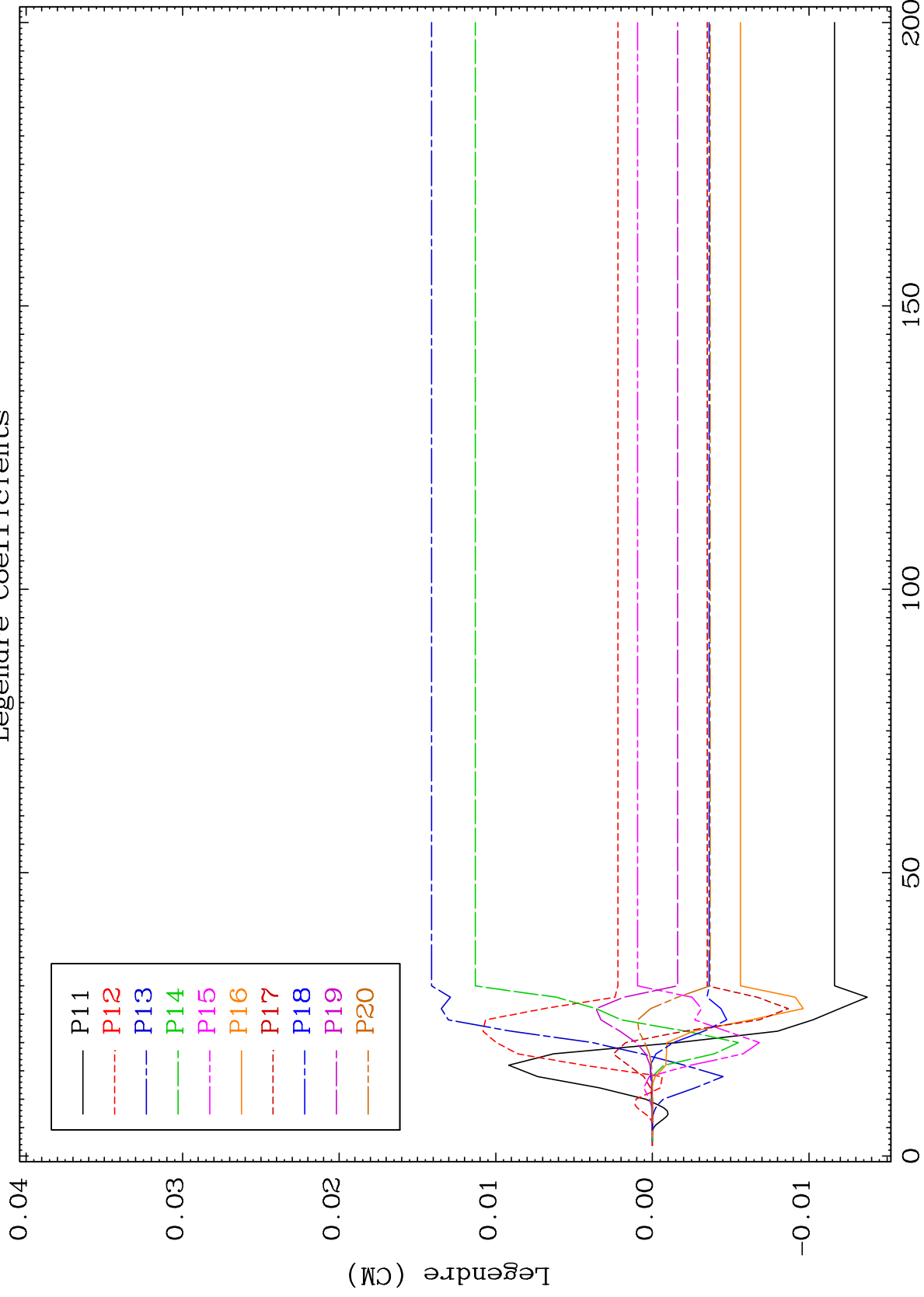
Incident Energy (MeV)

33

MAT 8525

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

85-At-203



34

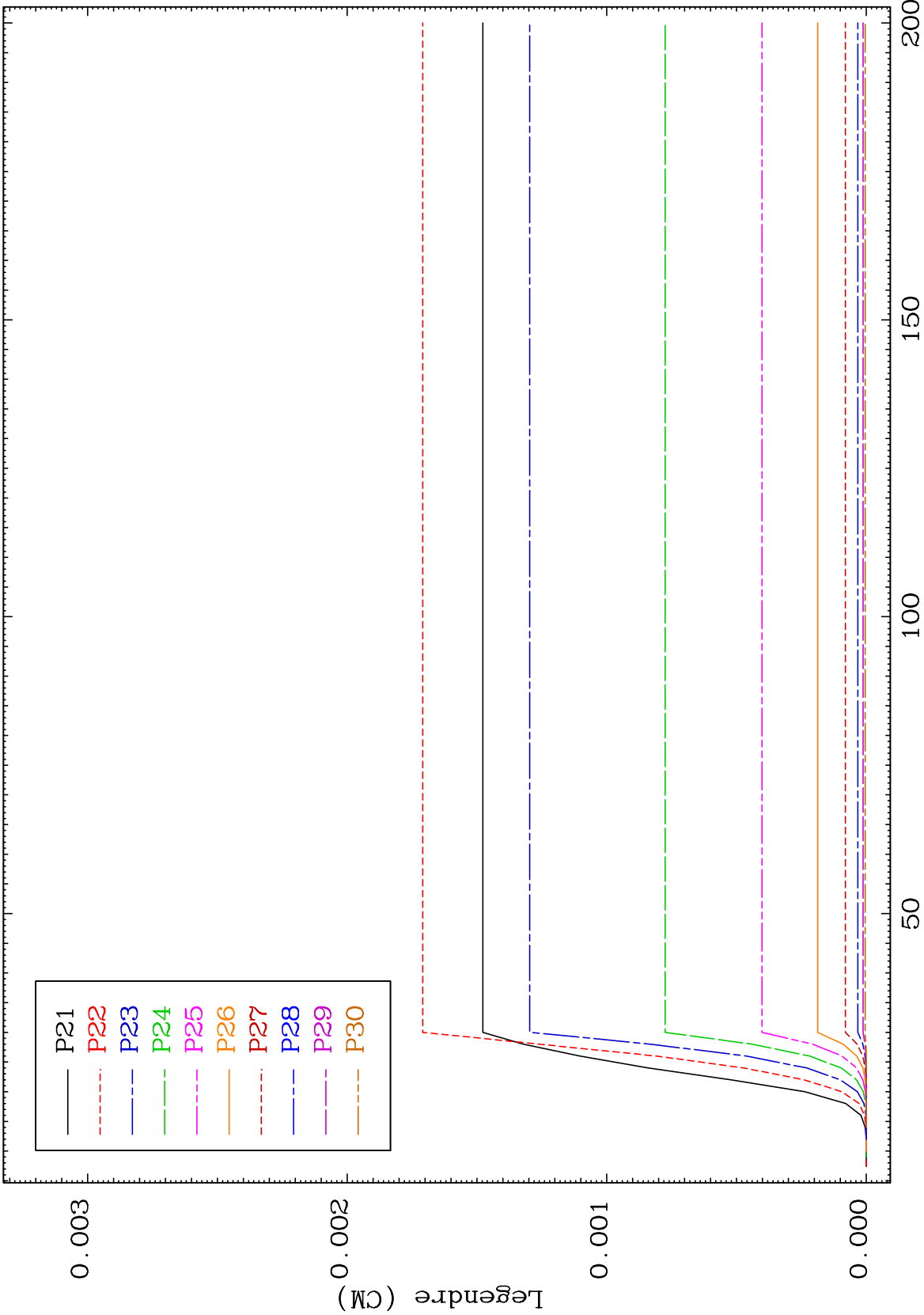
Incident Energy (MeV)

85-At-203

MAT 8525

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

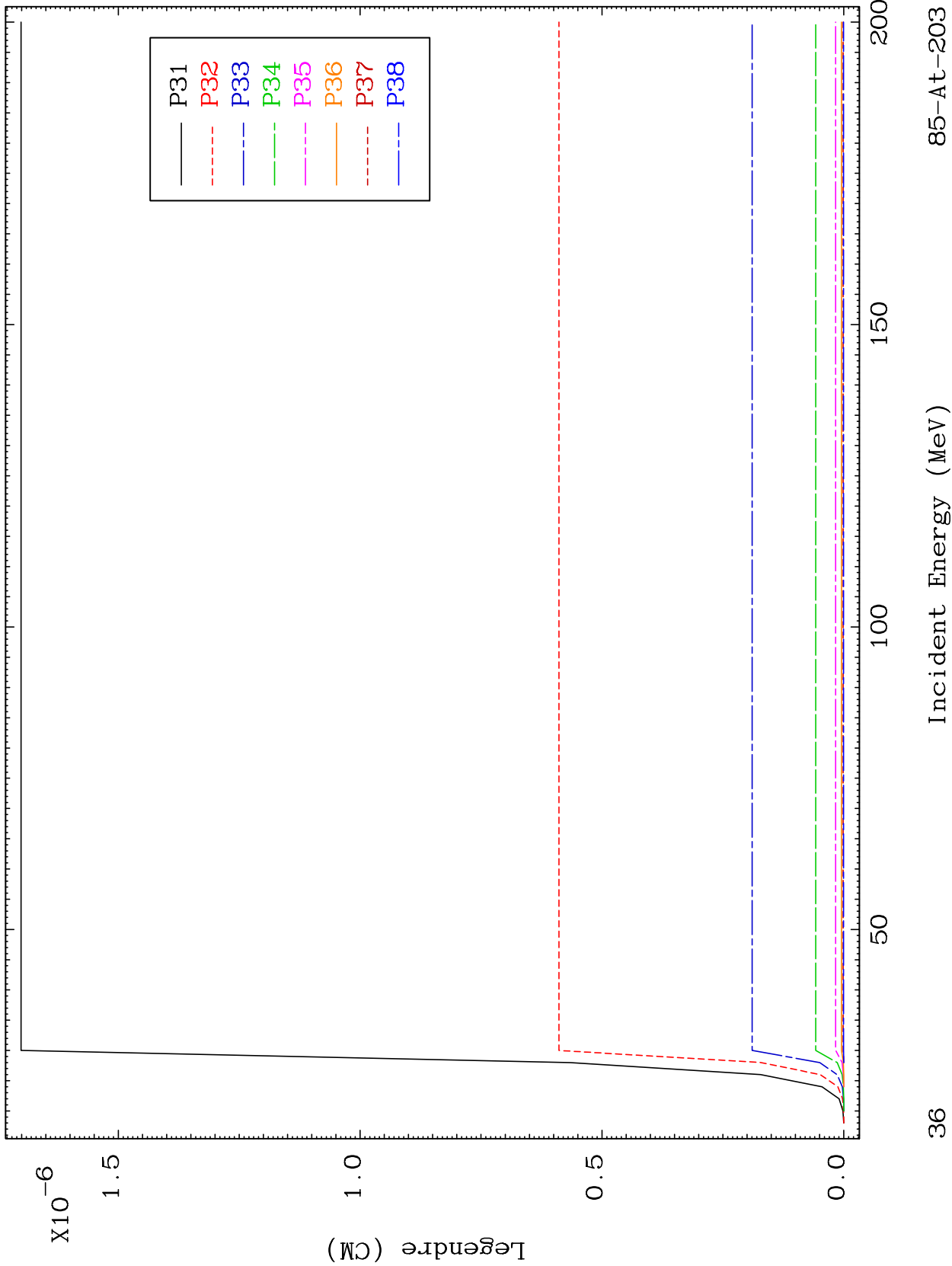
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35

Incident Energy (MeV)

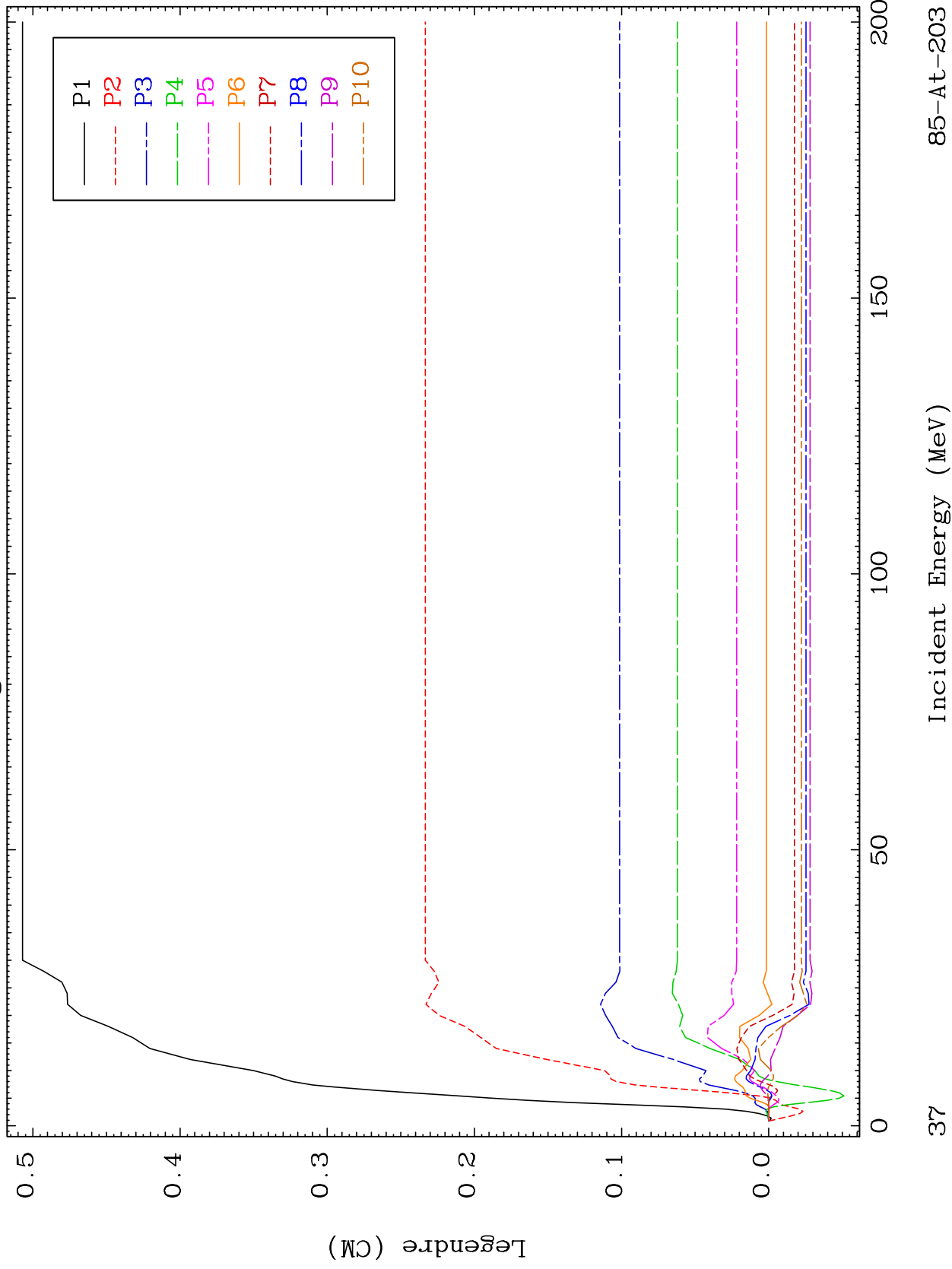
85-At-203



MAT 8525

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

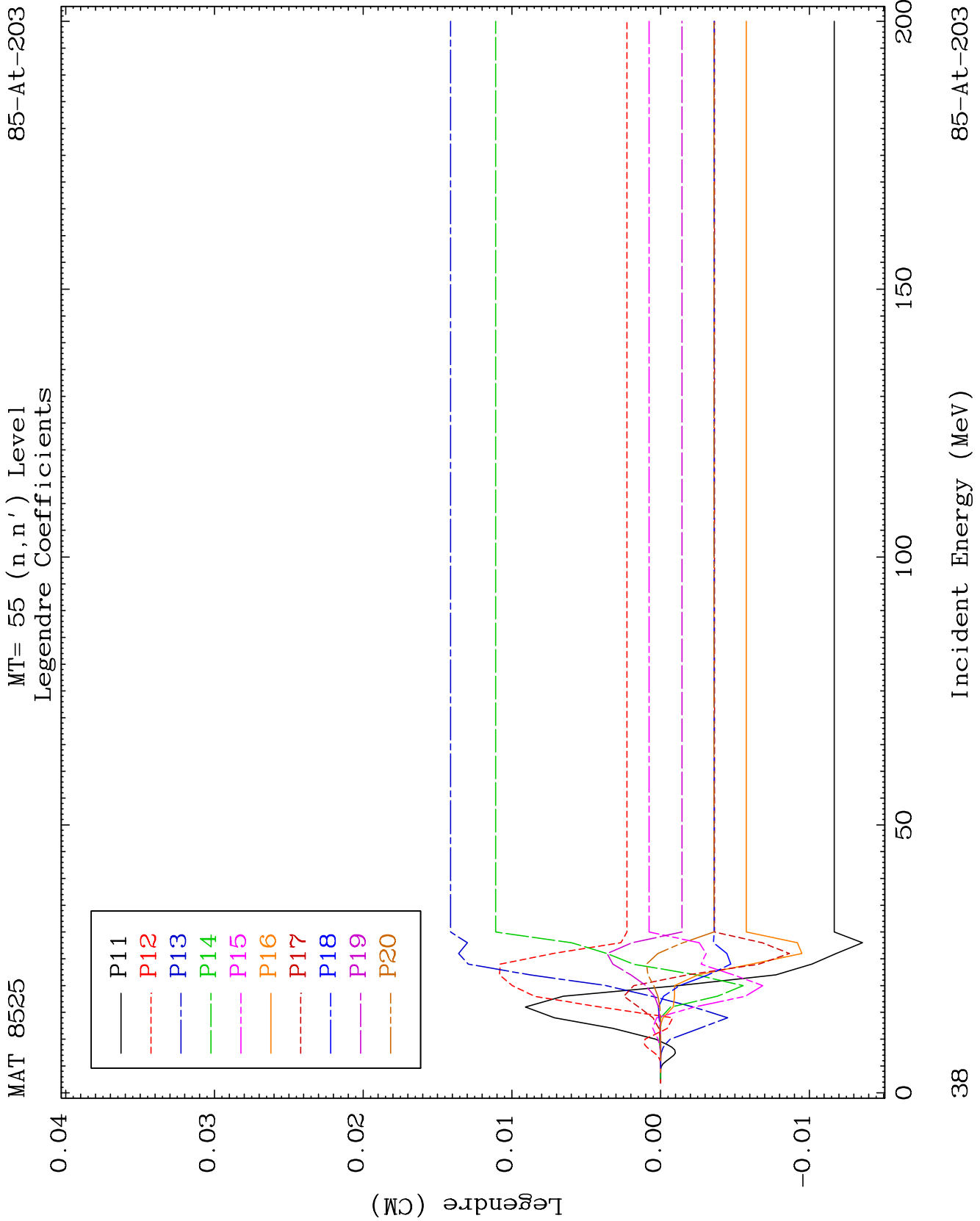
85-At-203



37

Incident Energy (MeV)

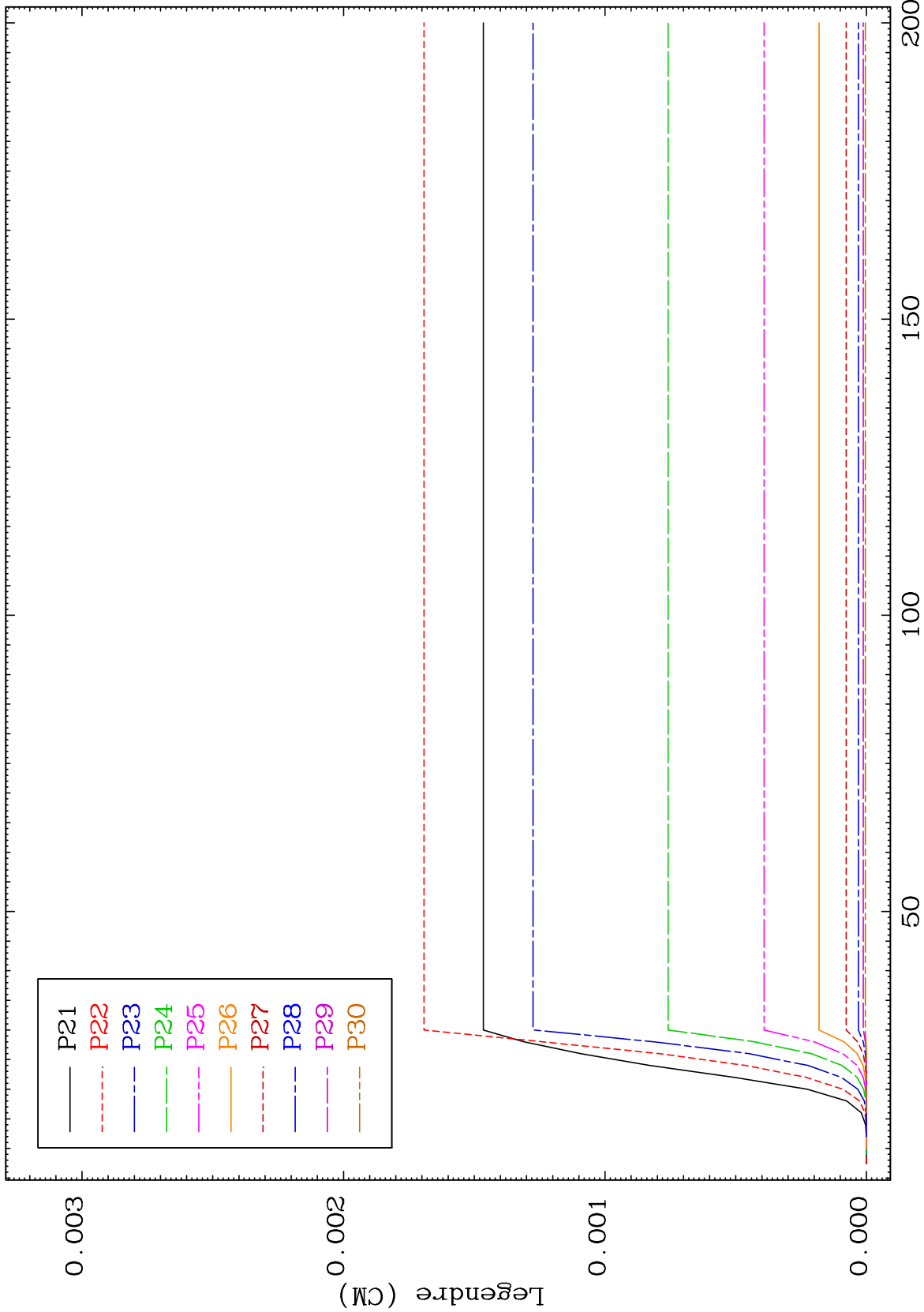
85-At-203



MAT 8525

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

85-At-203



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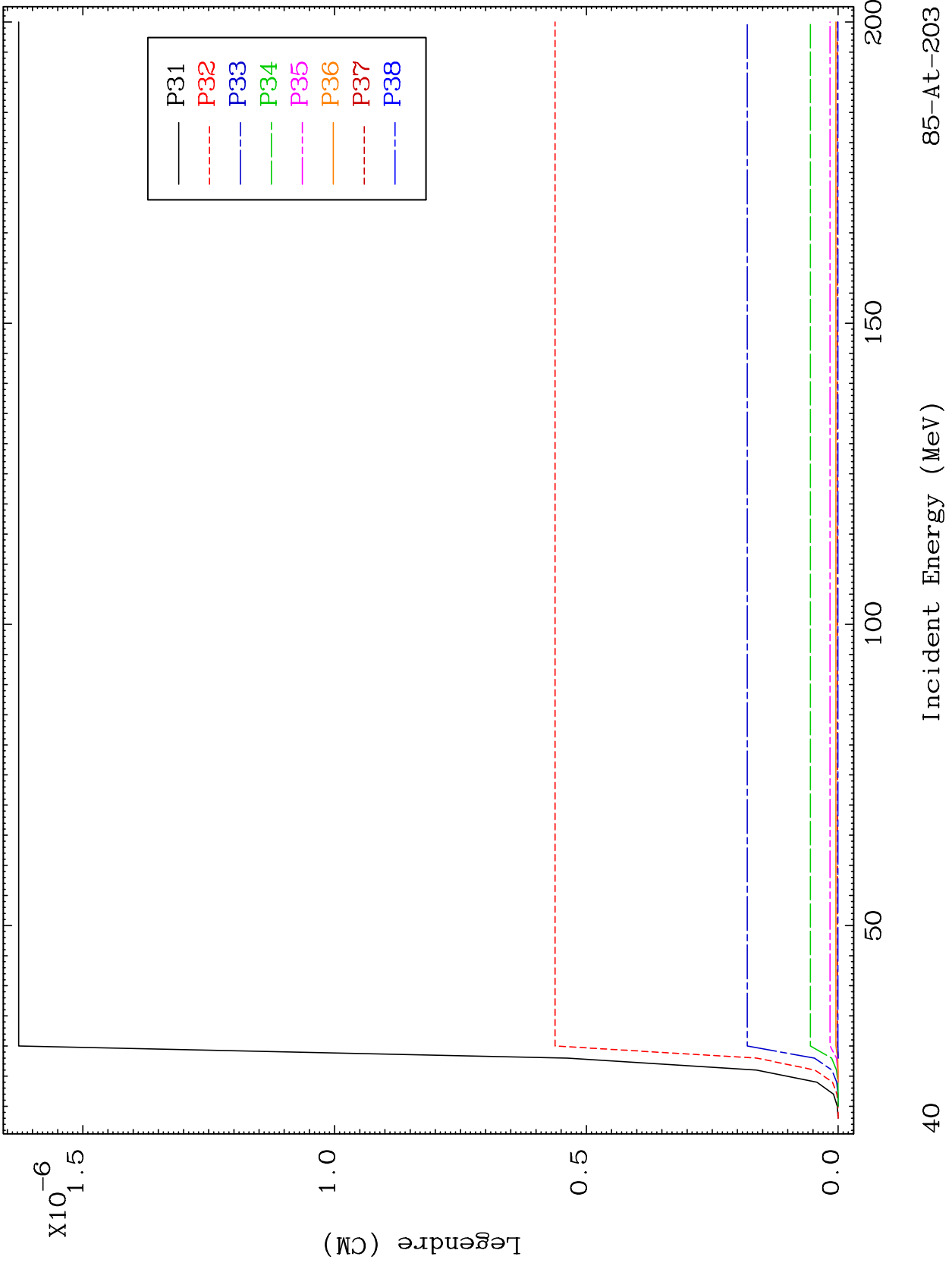
Incident Energy (MeV)

85-At-203

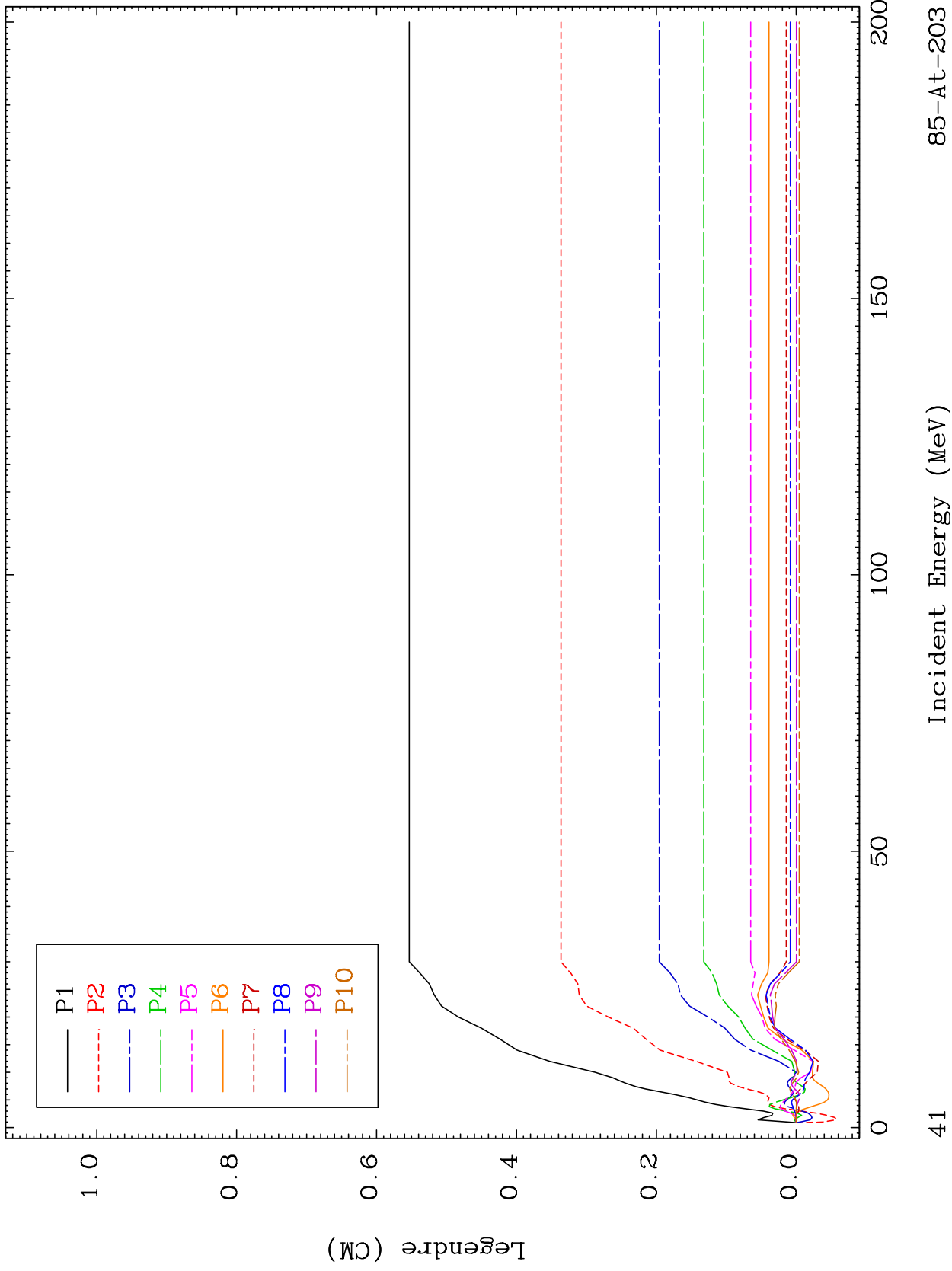
MAT 8525

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

85-At-203



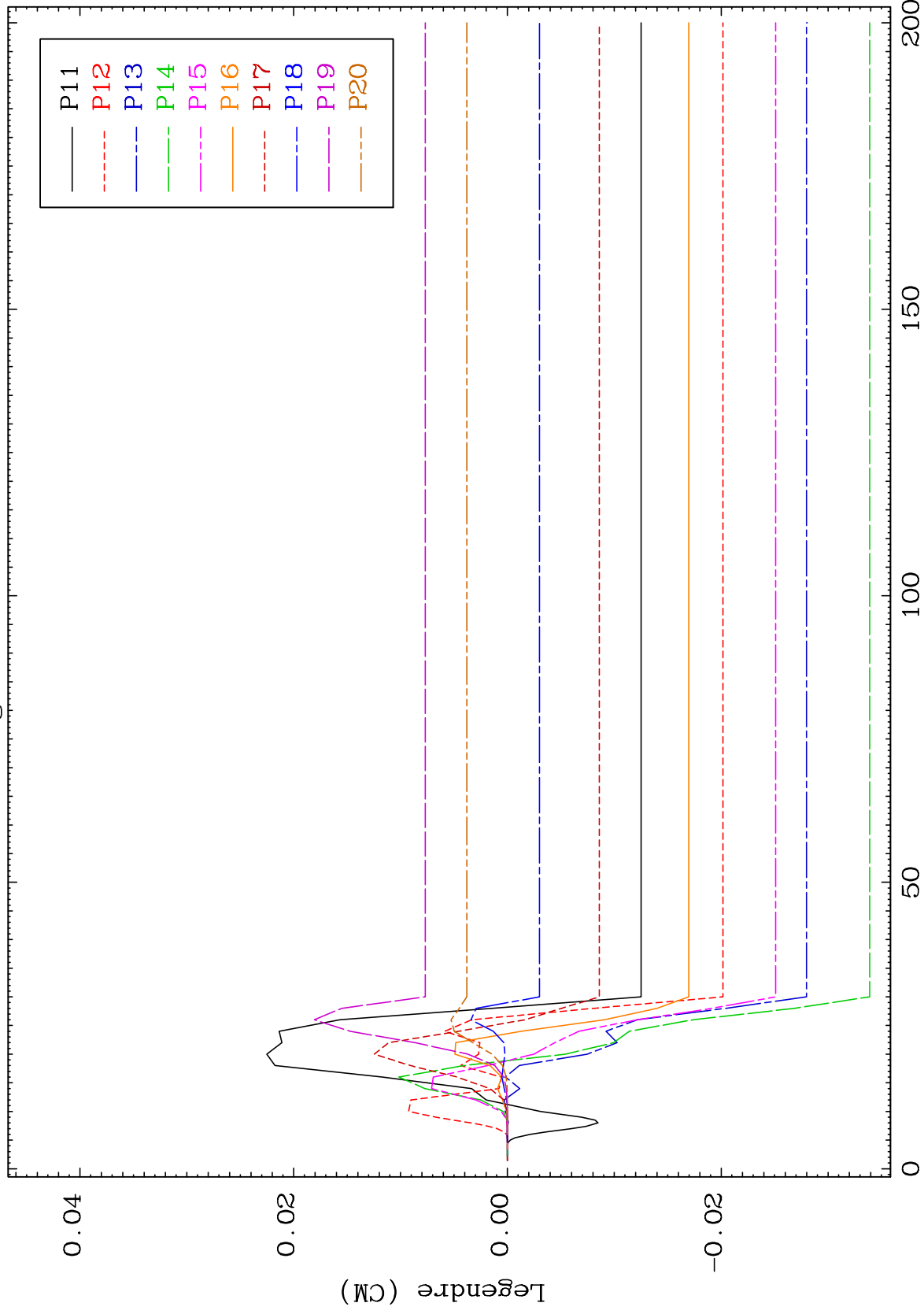
85-At-203



MAT 8525

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

85-At-203



42

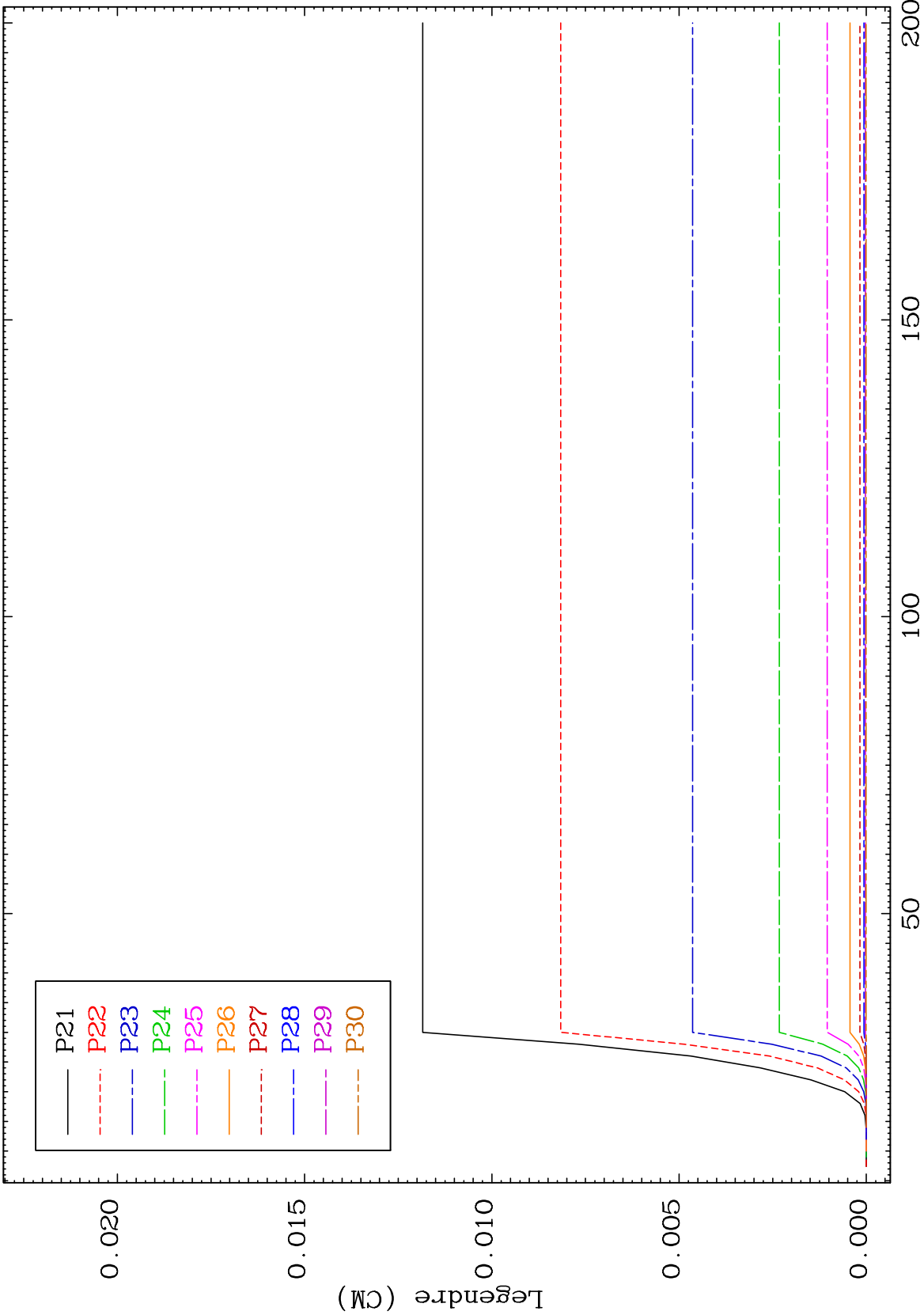
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



43

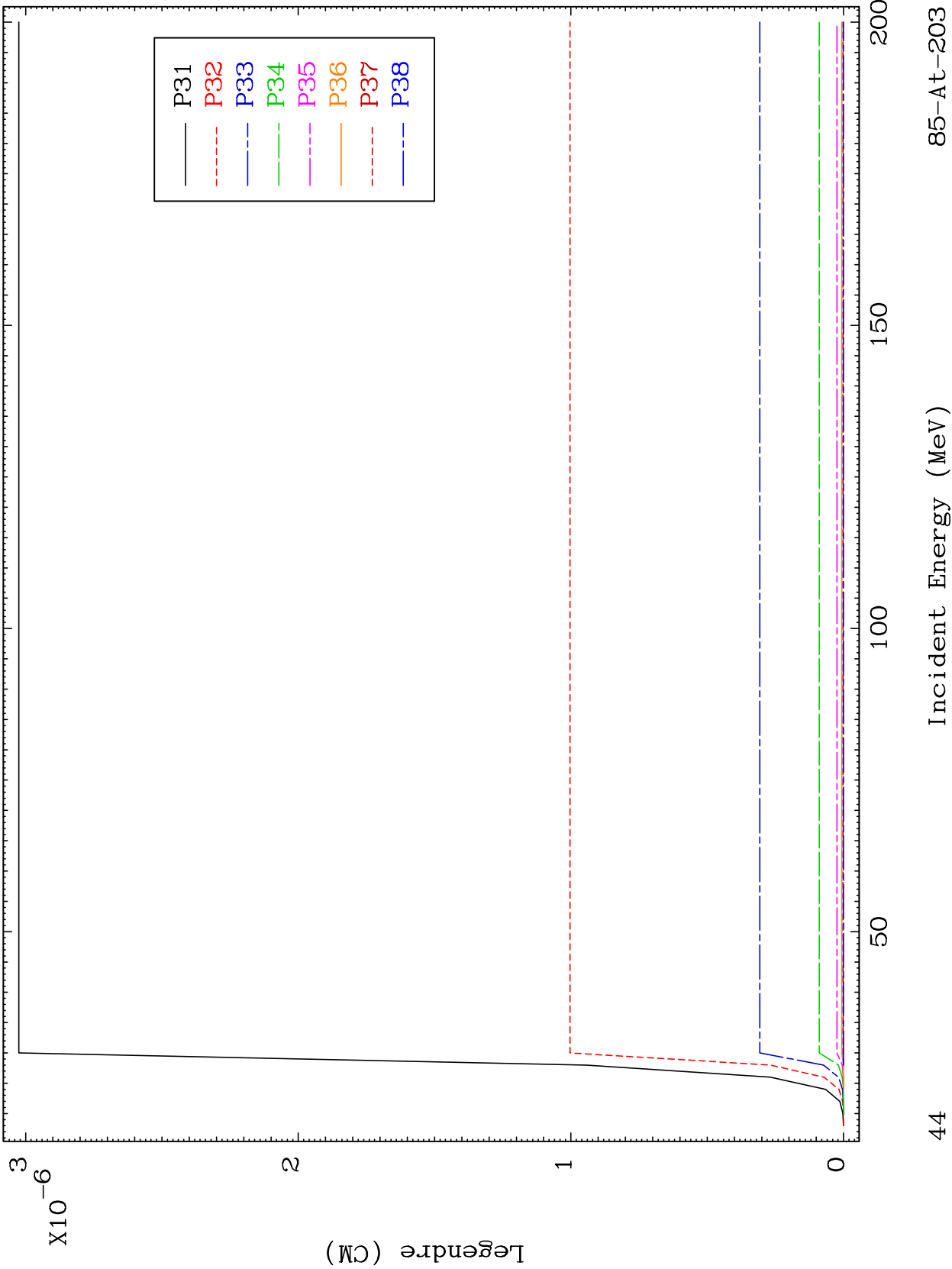
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



44

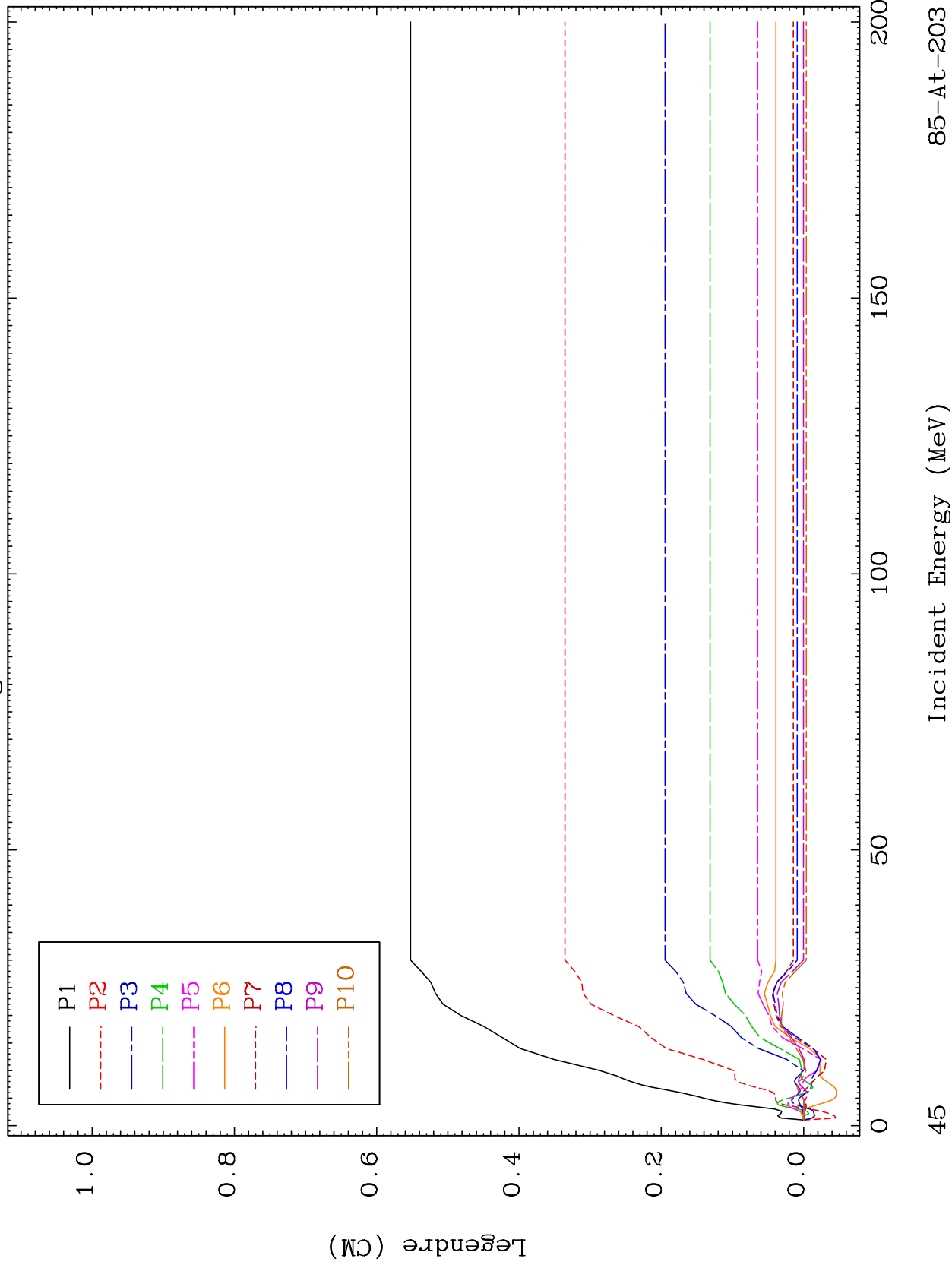
Incident Energy (MeV)

85-At-203

MAT 8525

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

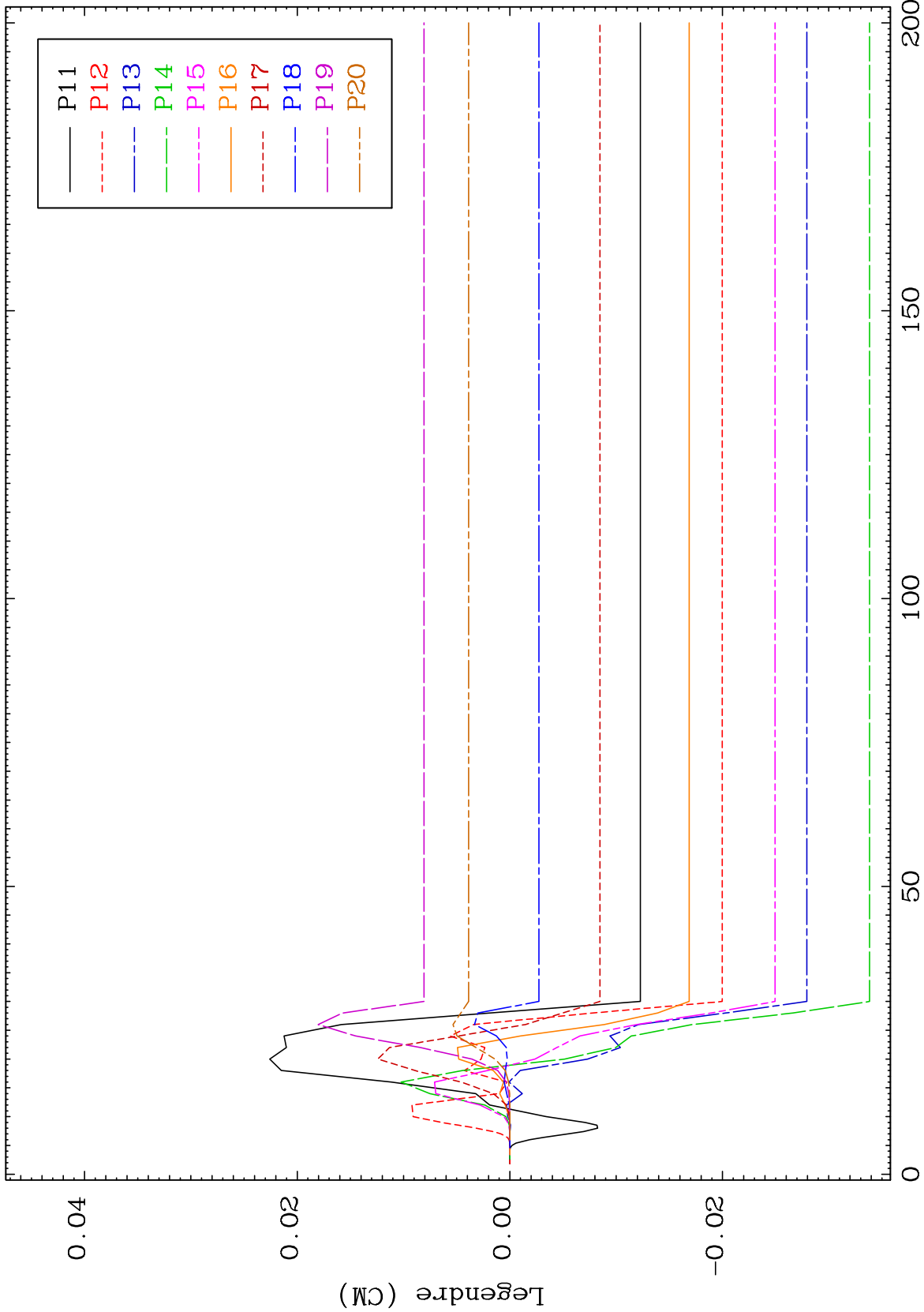
85-At-203



MAT 8525

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

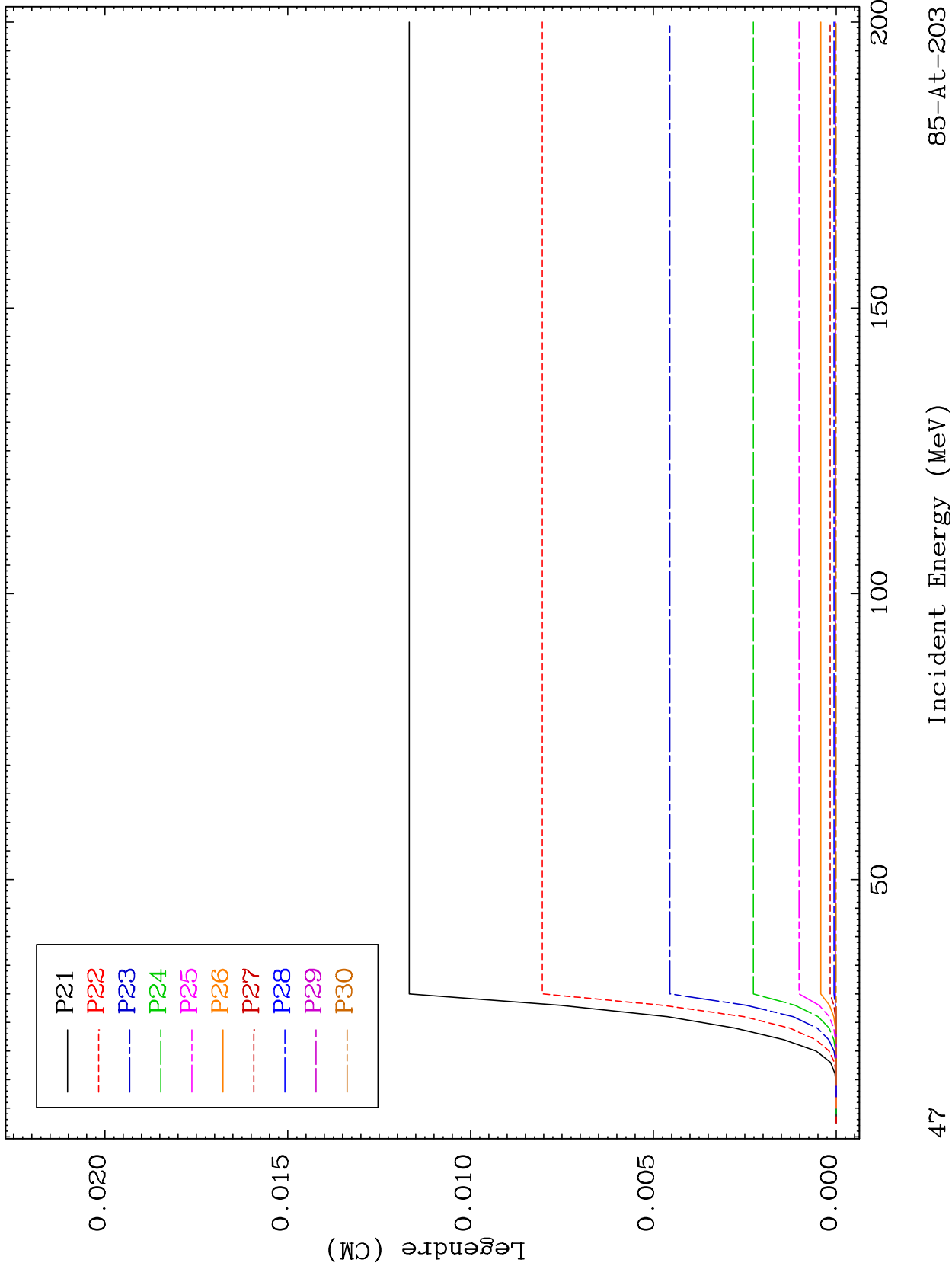
85-At-203



46

Incident Energy (MeV)

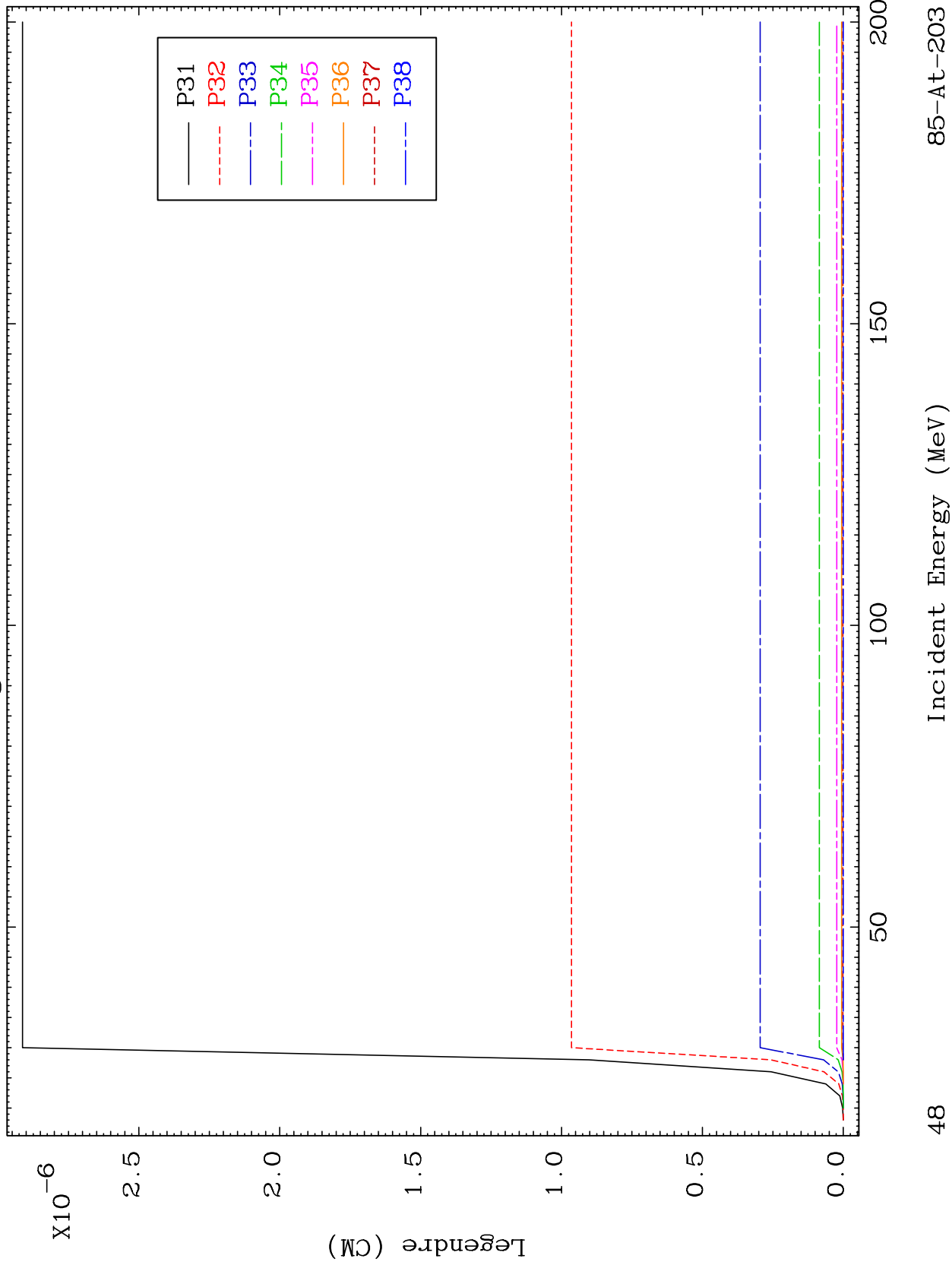
85-At-203



MAT 8525

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

85-At-203



48

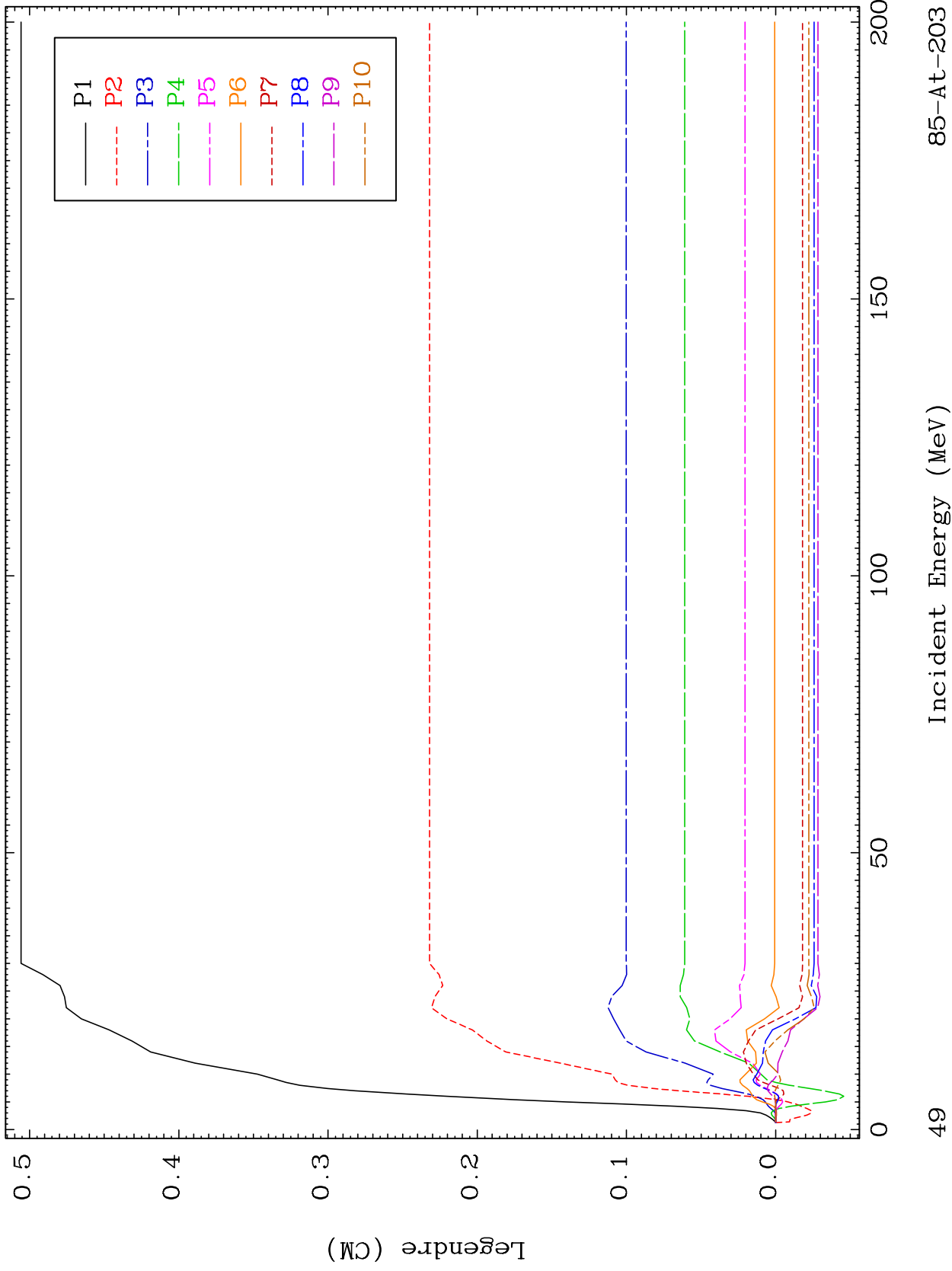
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



49

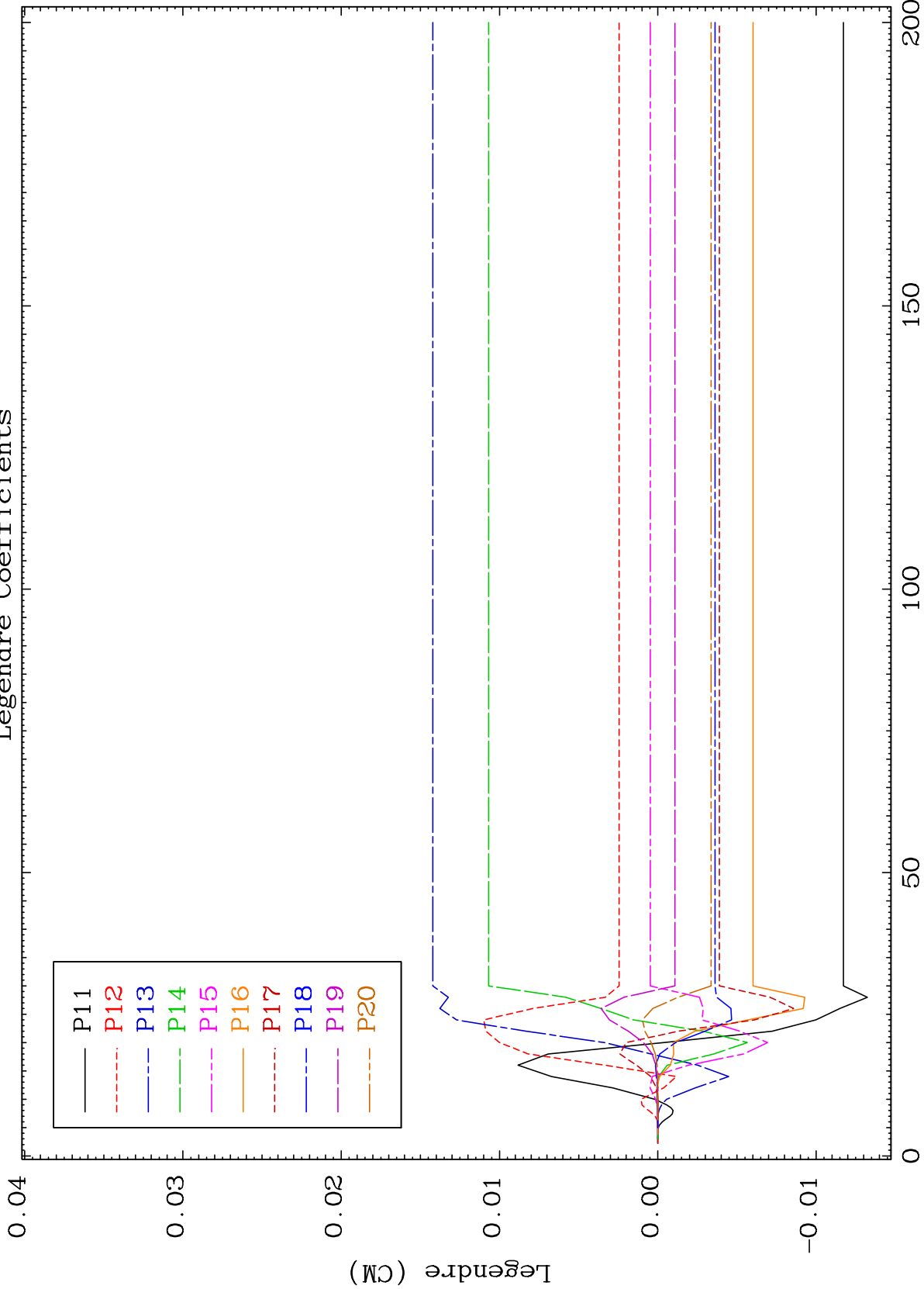
Incident Energy (MeV)

85-At-203

MAT 8525

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

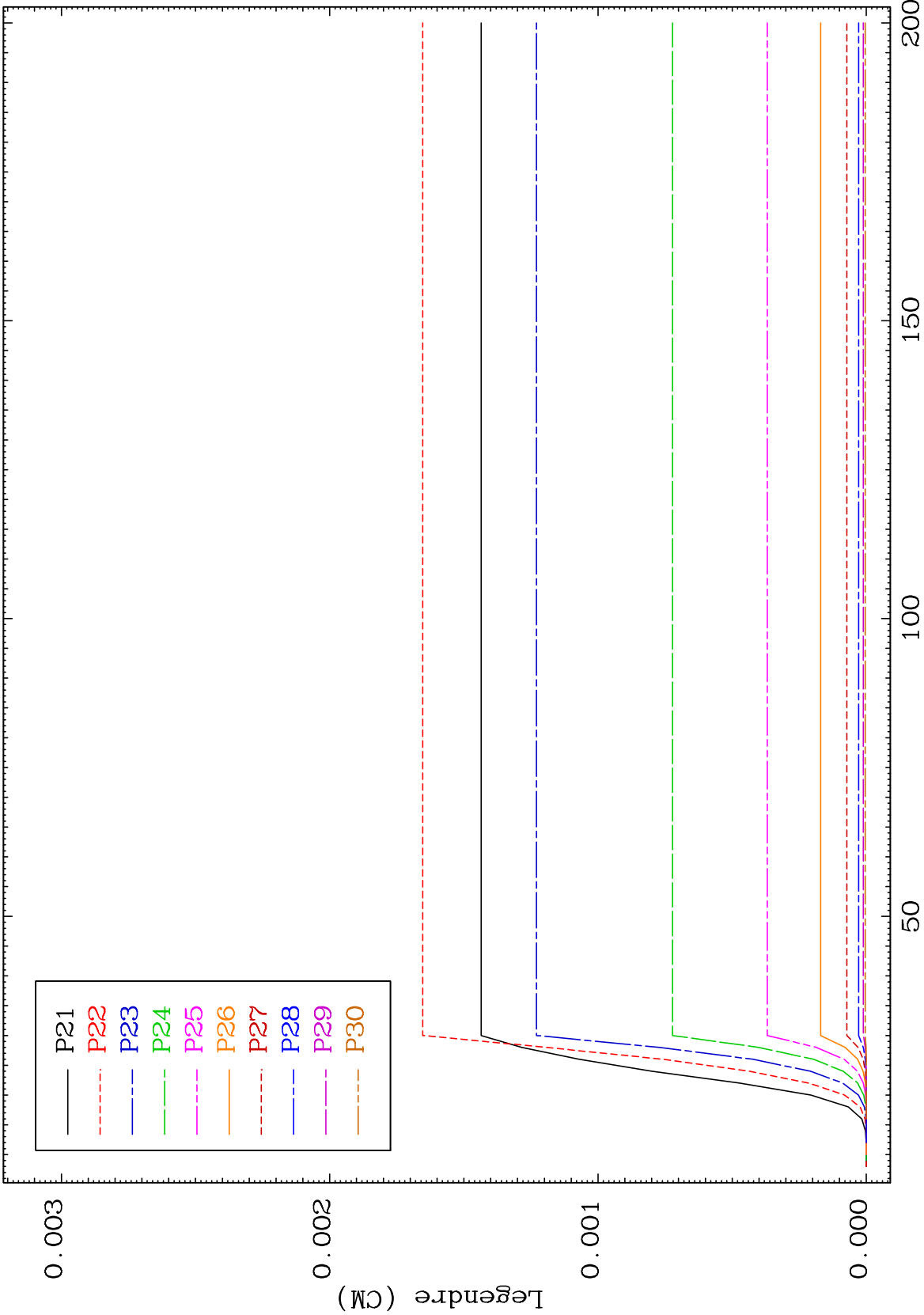
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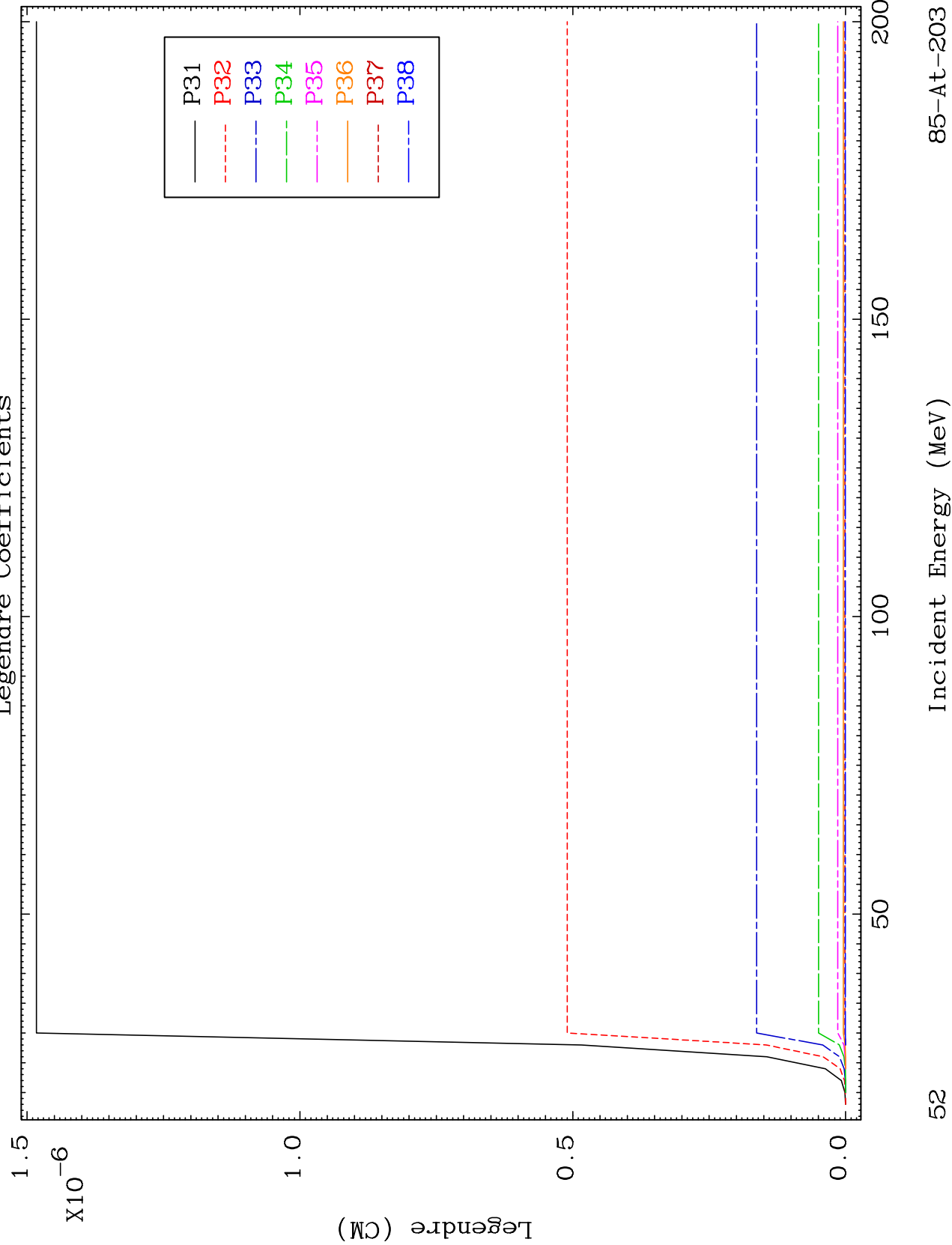


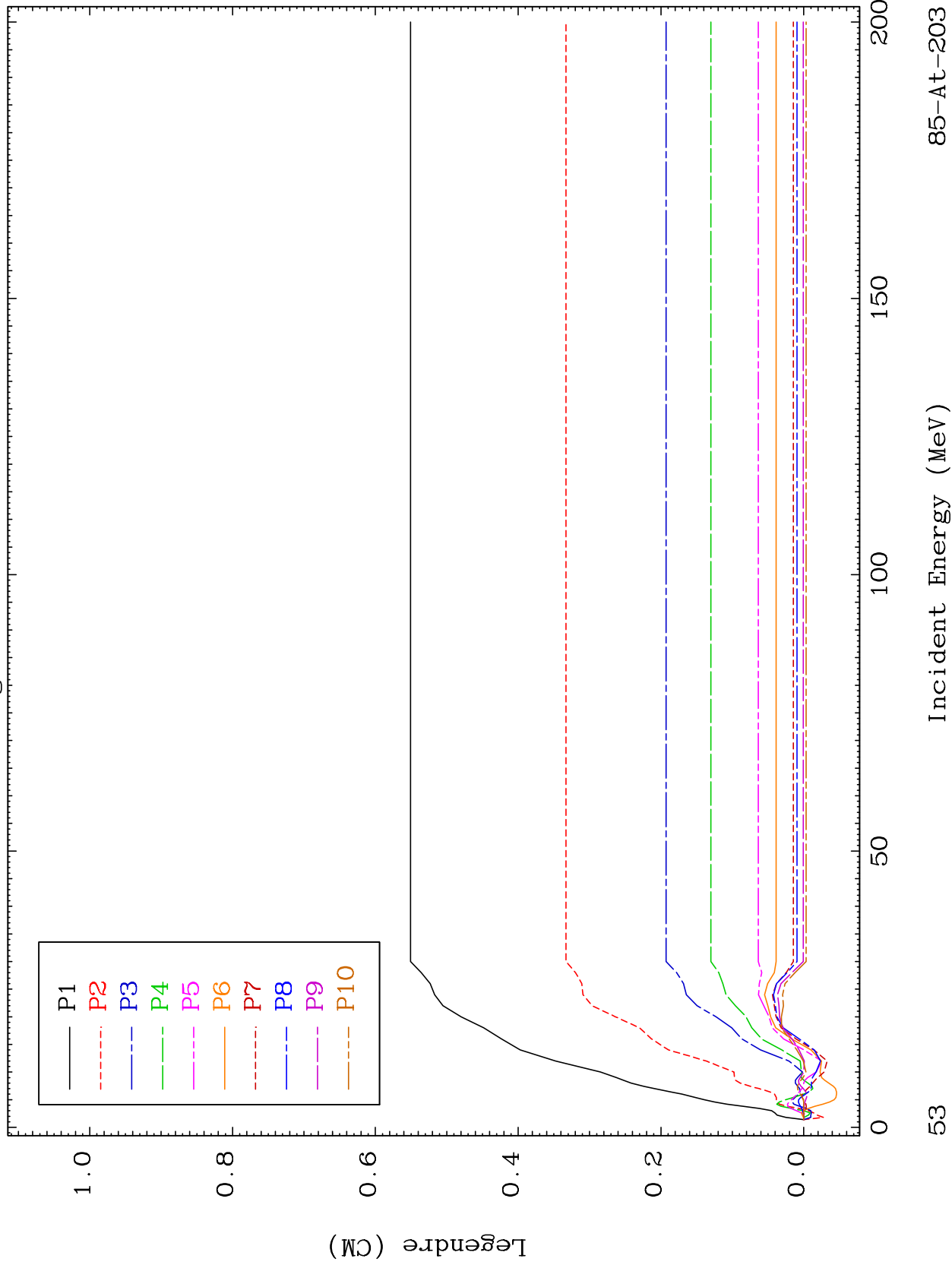
85-At-203

Incident Energy (MeV)

50



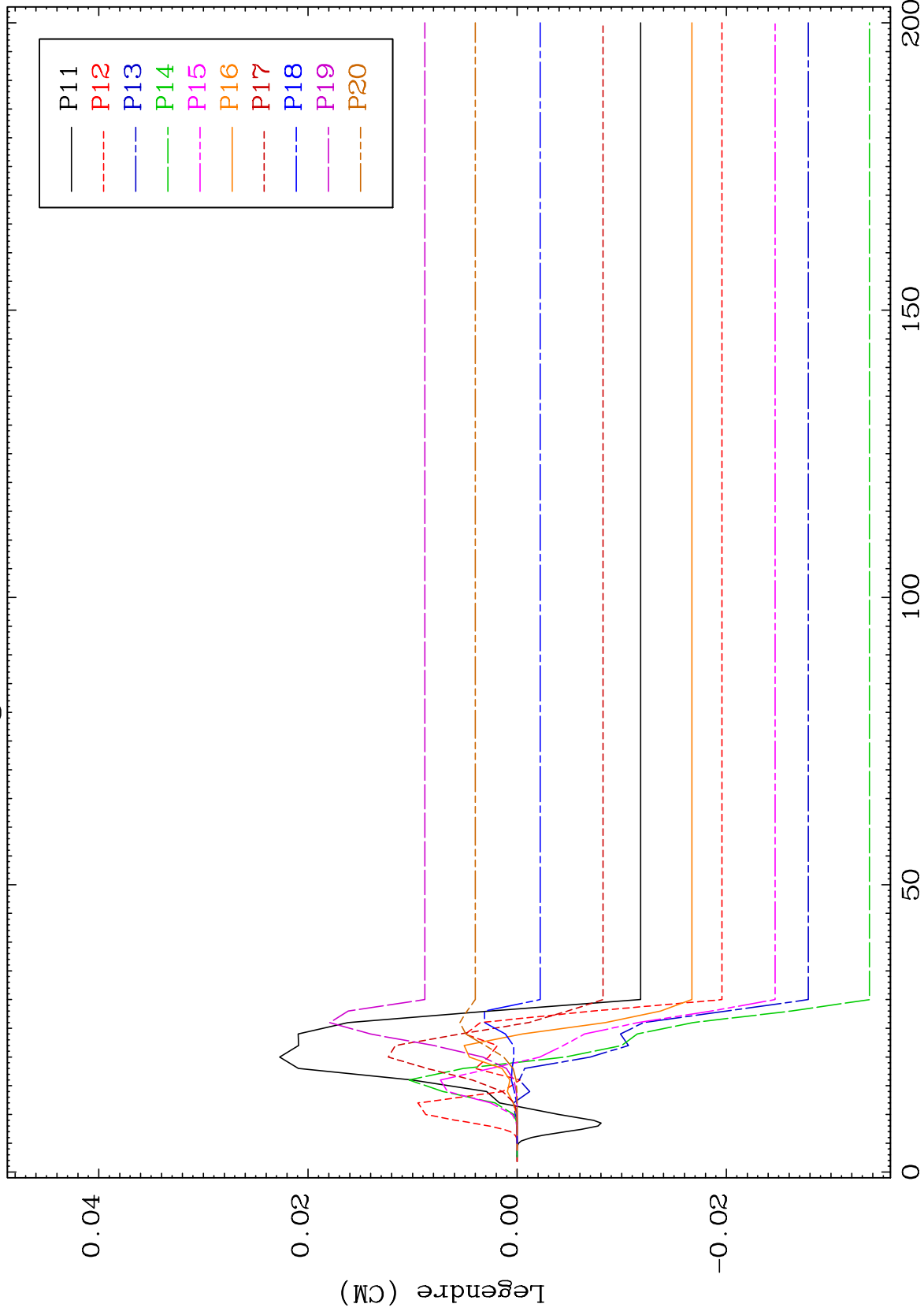




MAT 8525

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

85-At-203



54

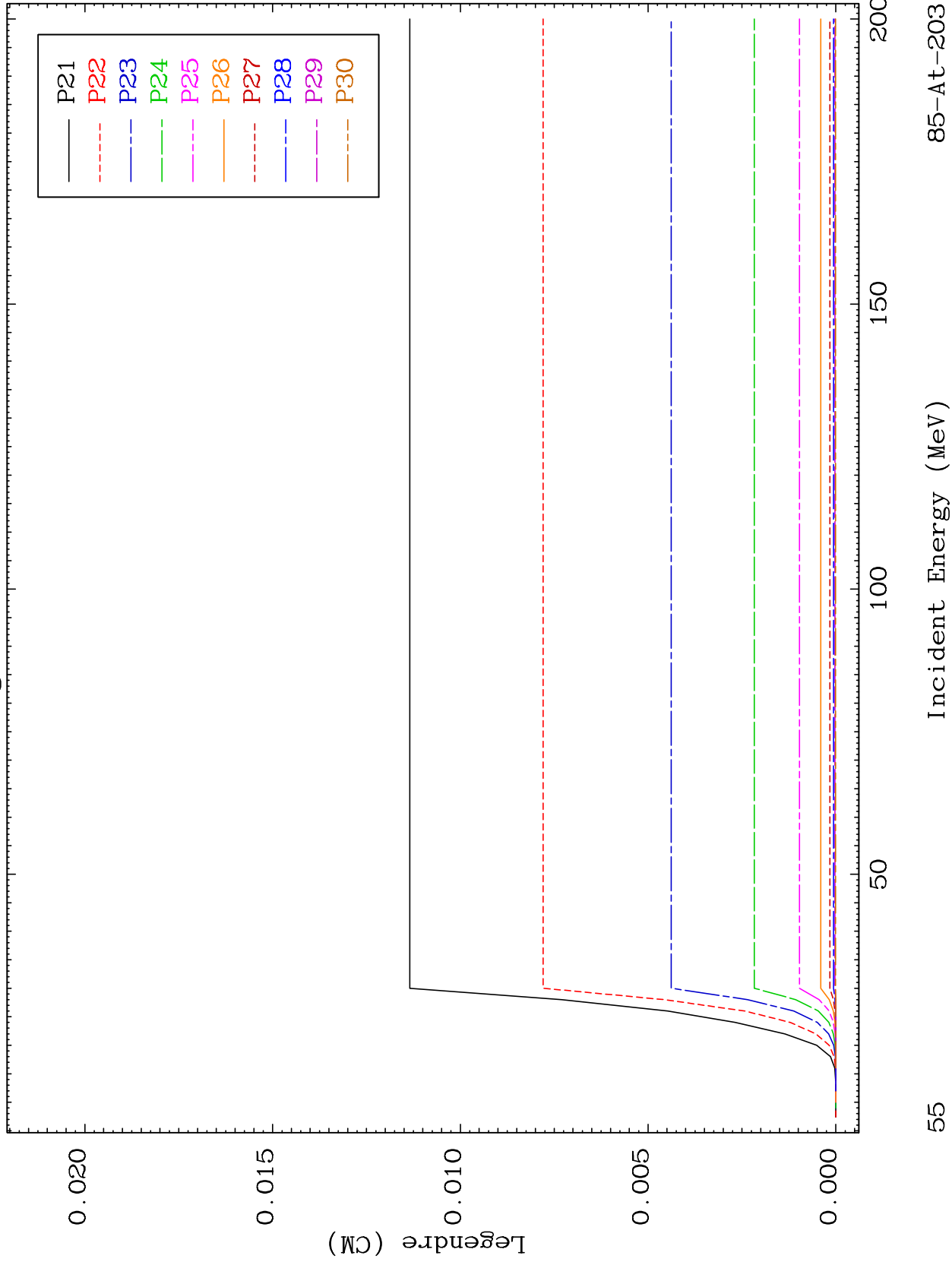
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



55

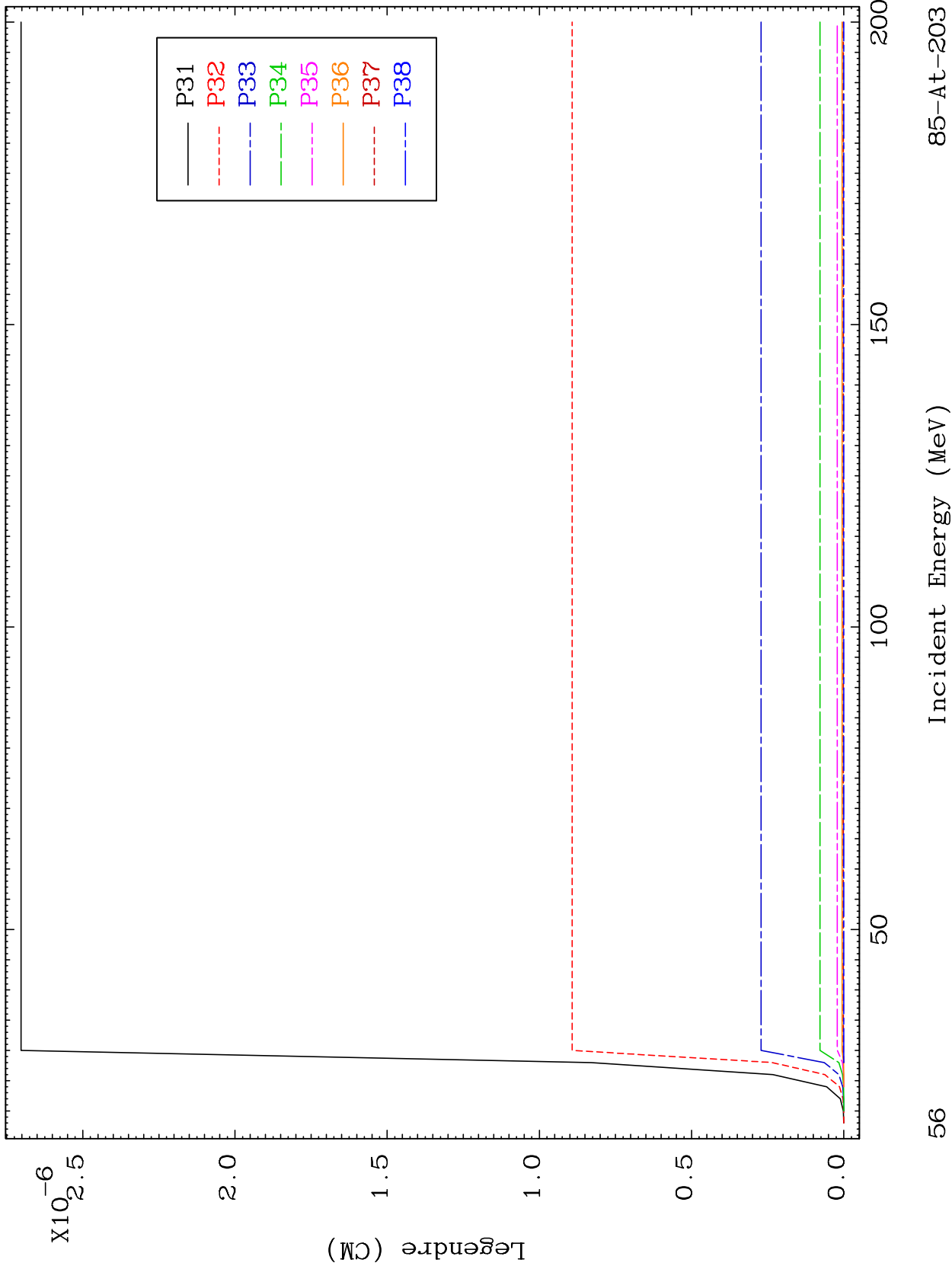
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



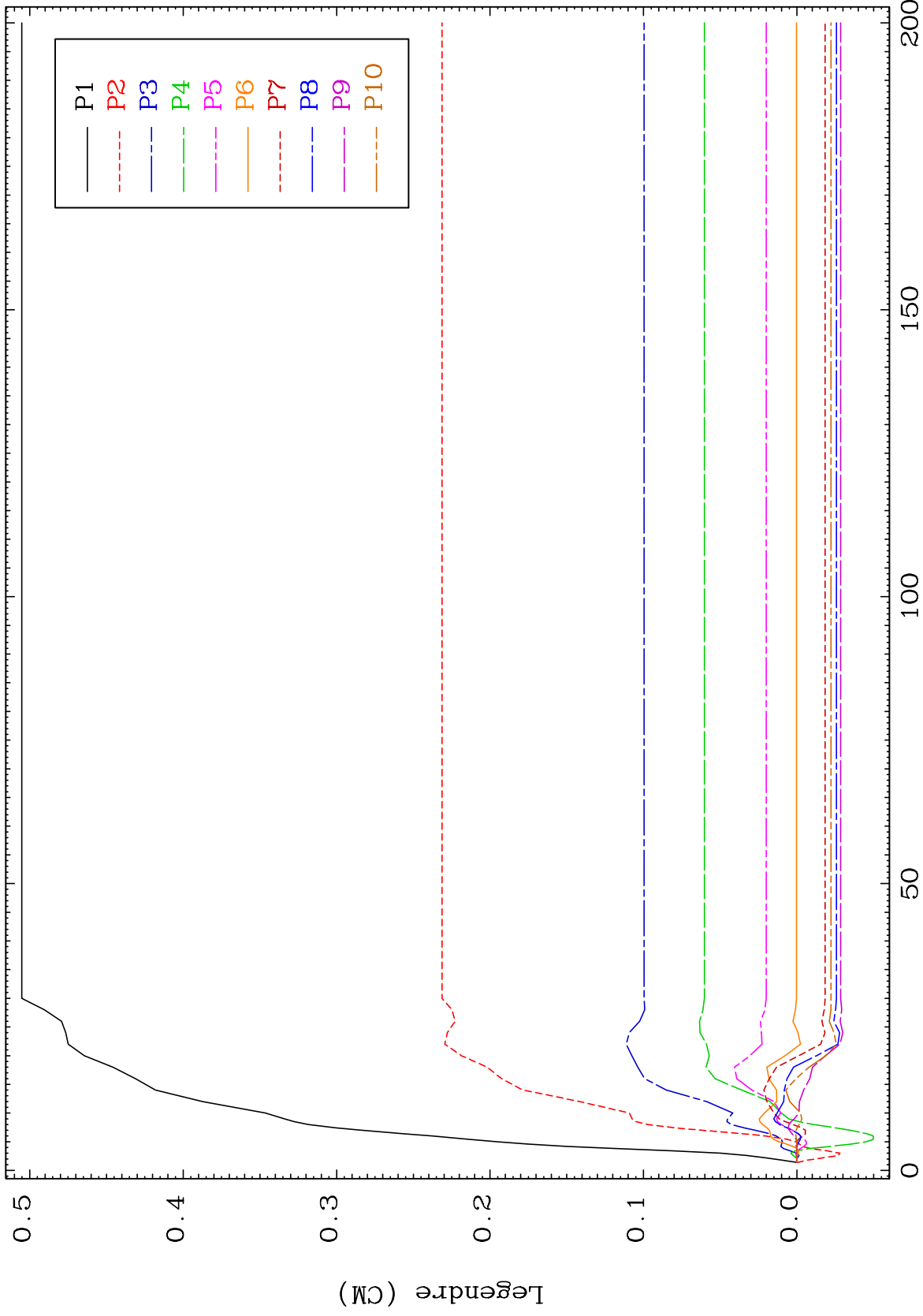
56

85-At-203

MAT 8525

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

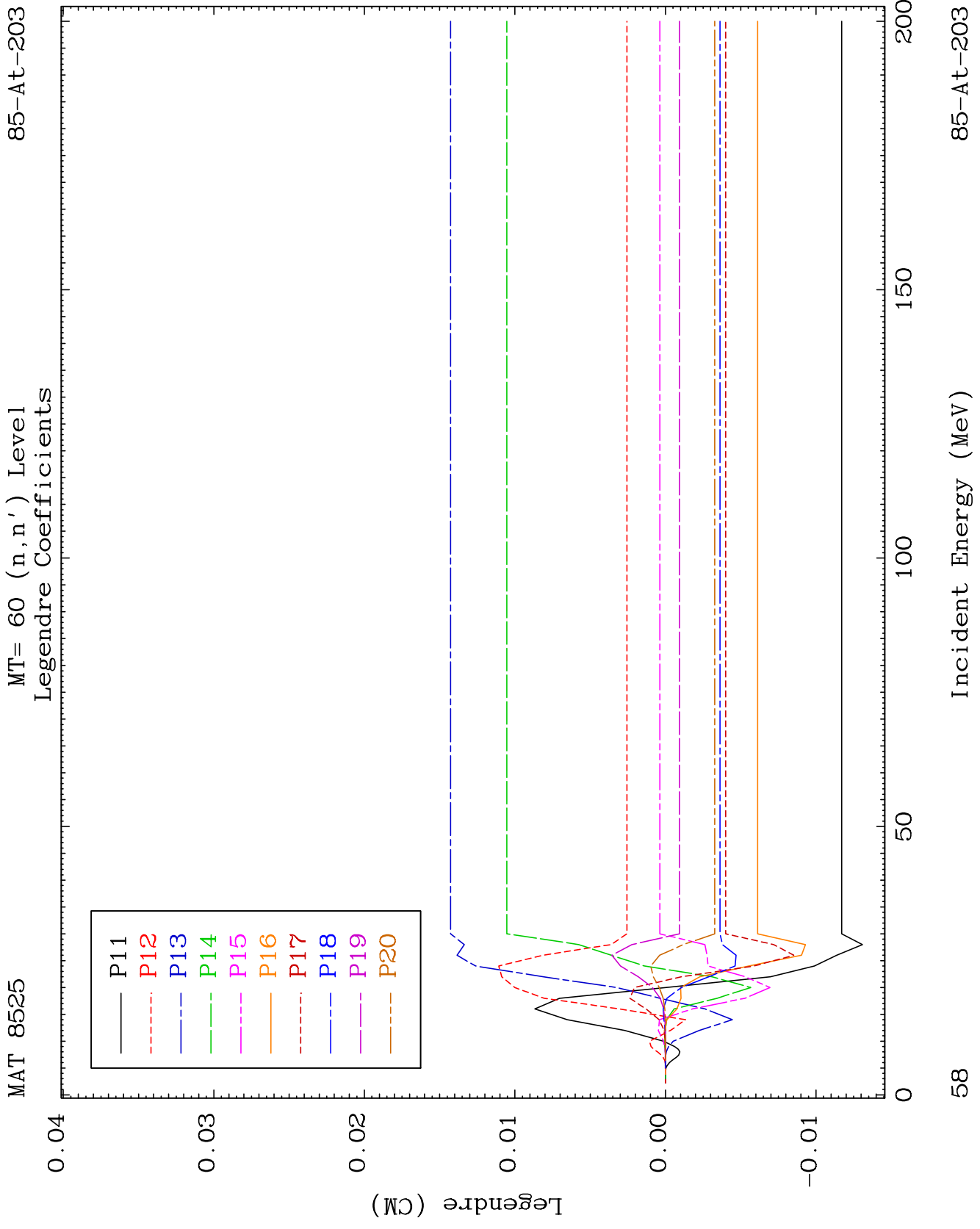
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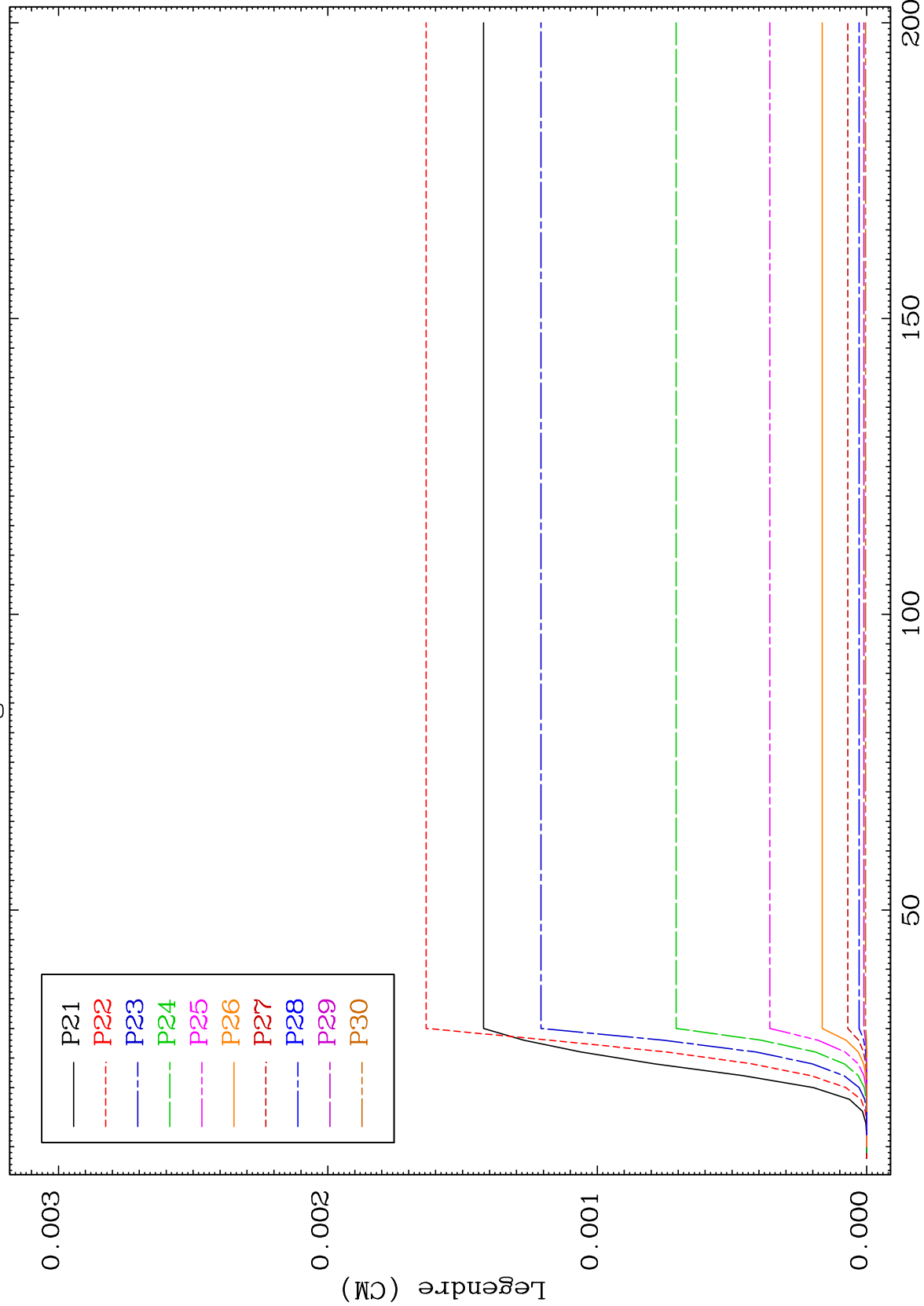


57

Incident Energy (MeV)

85-At-203

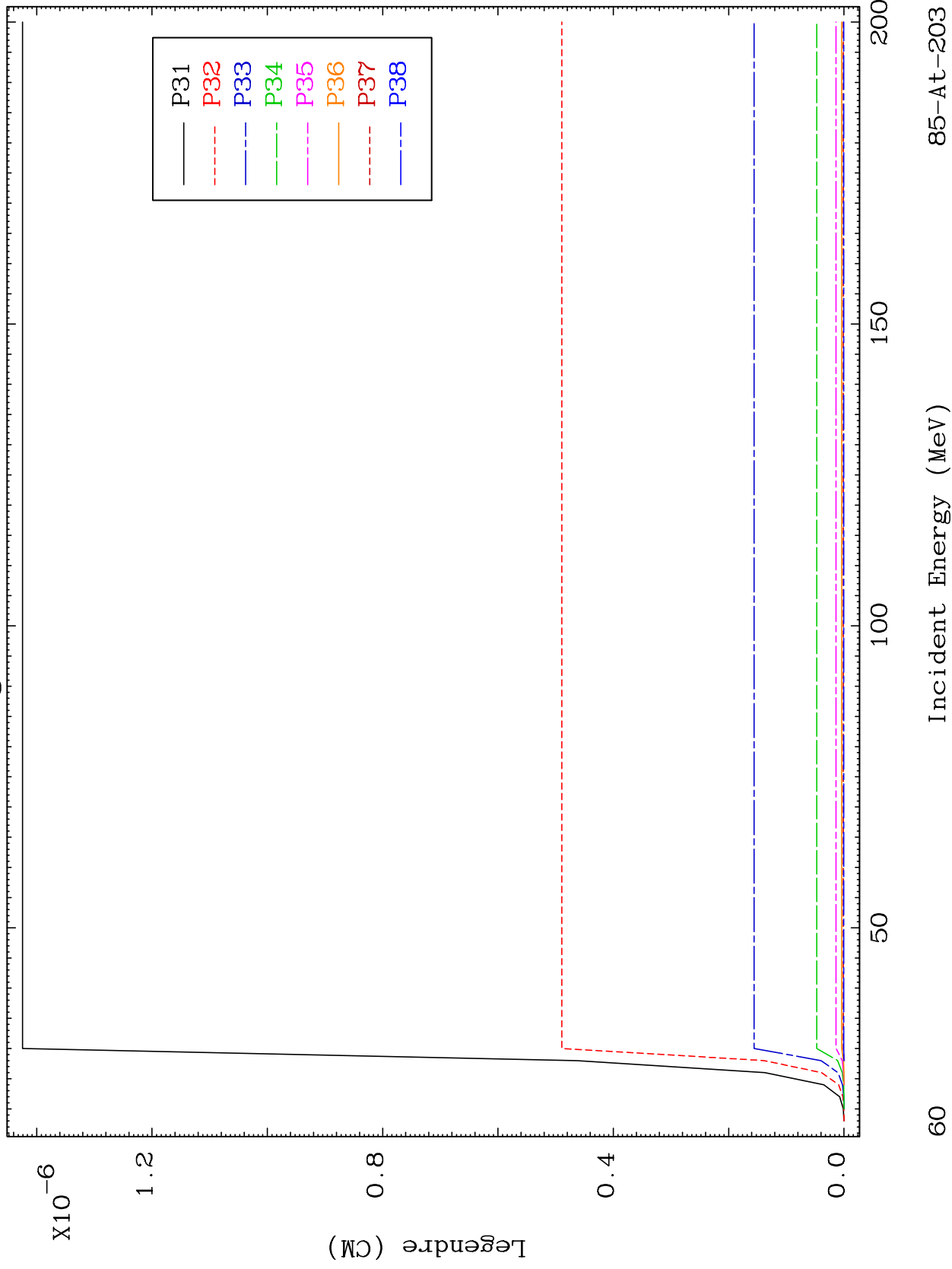




MAT 8525

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

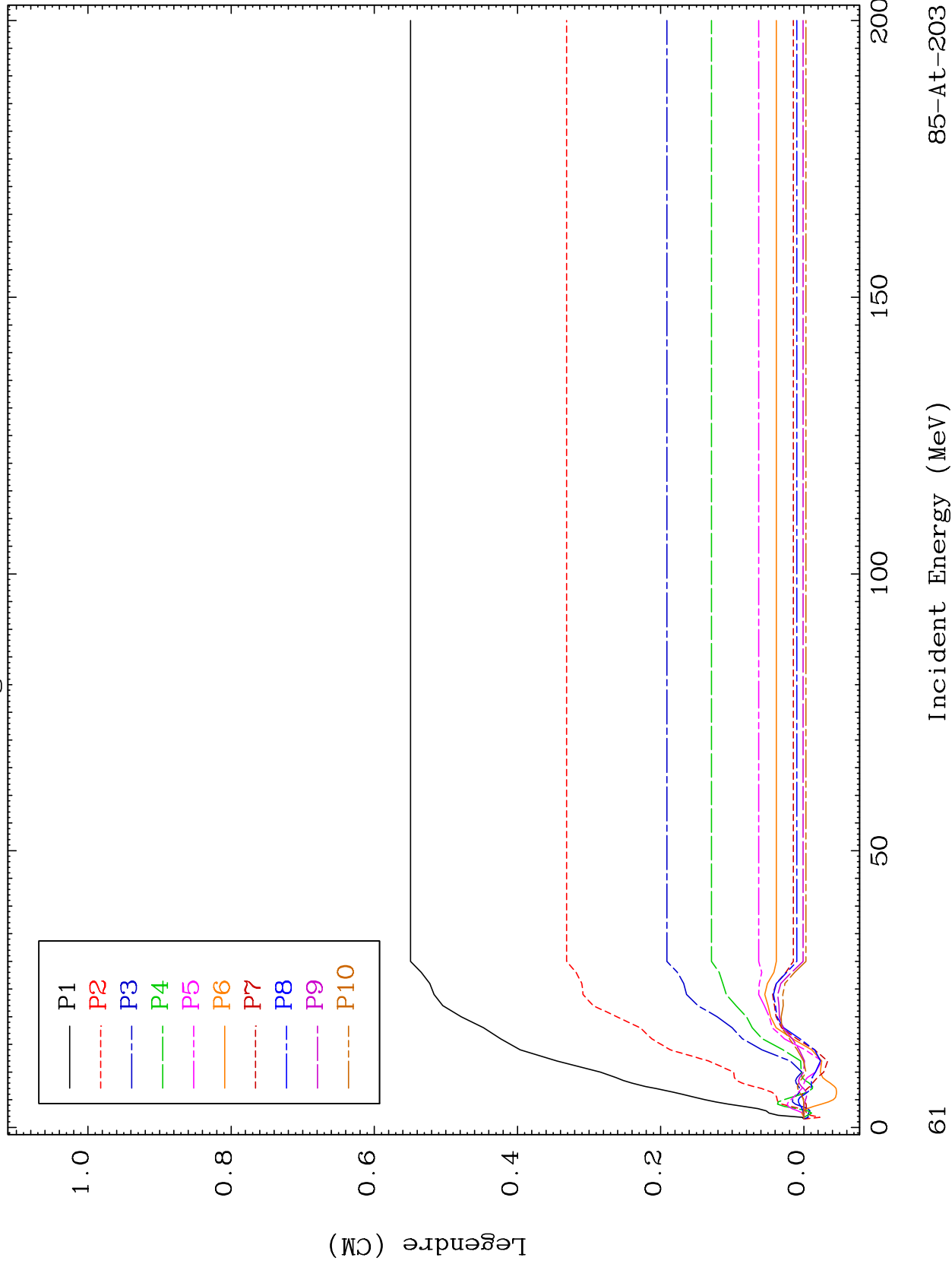
85-At-203



MAT 8525

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

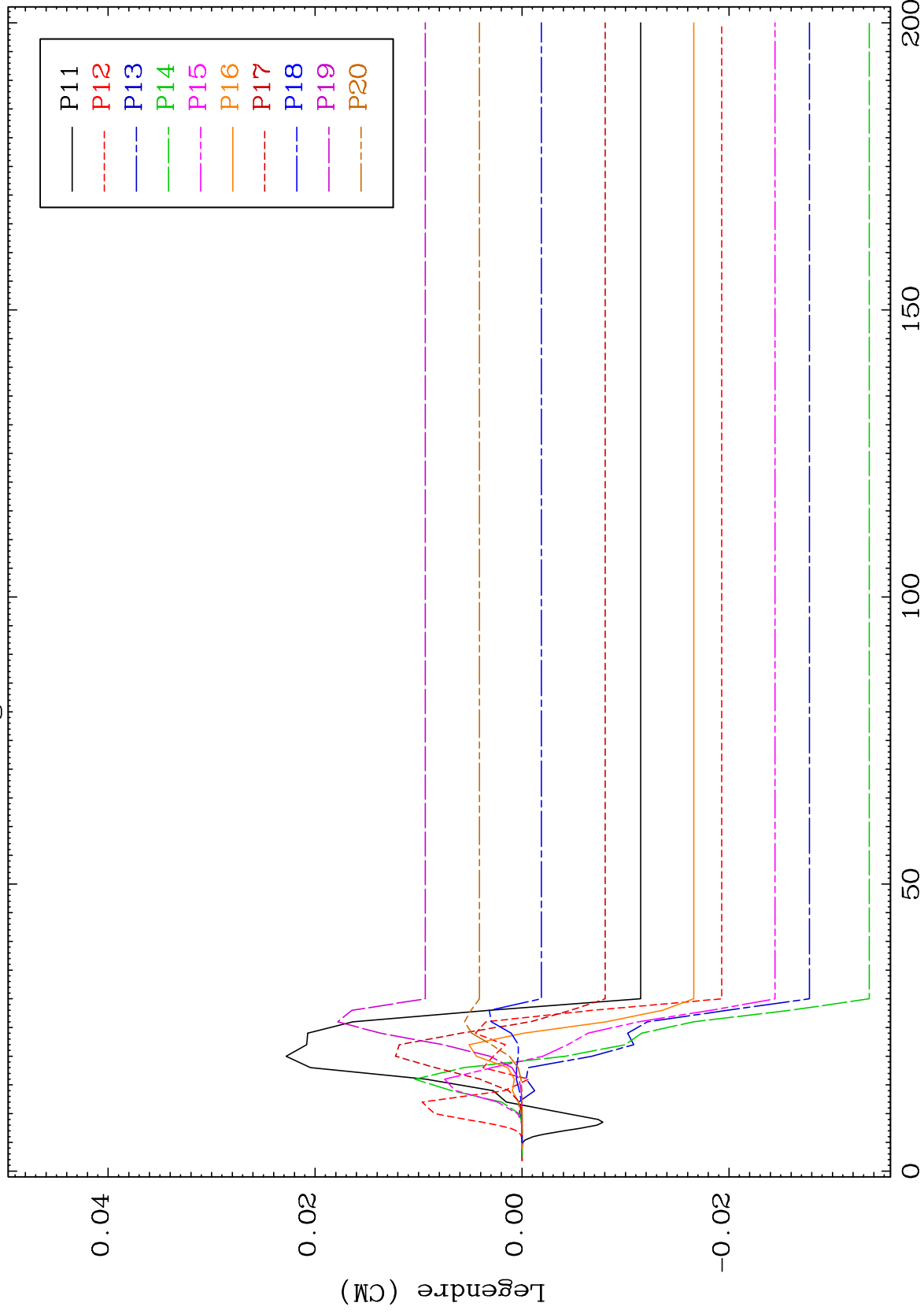
85-At-203



MAT 8525

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

85-At-203



62

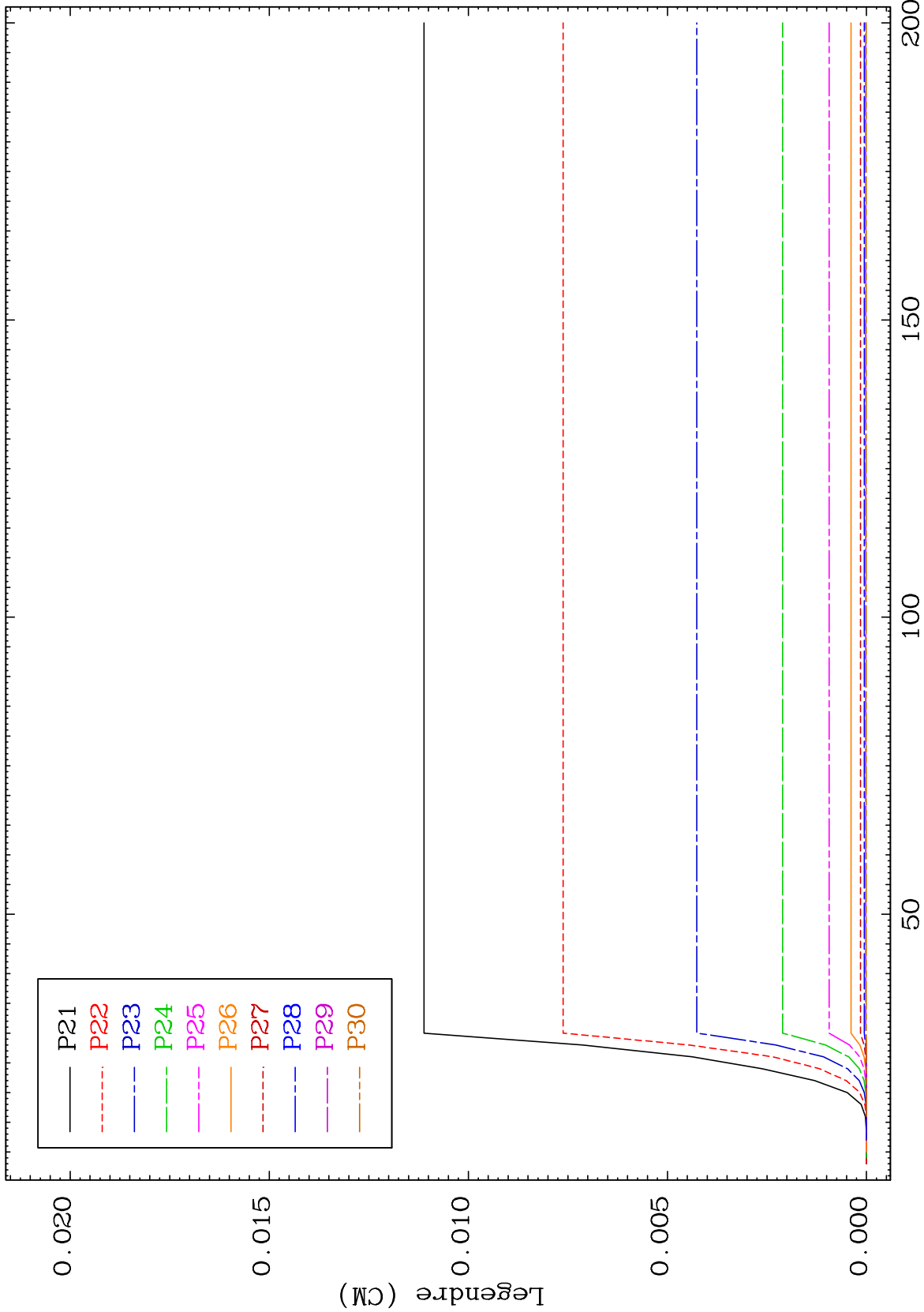
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



63

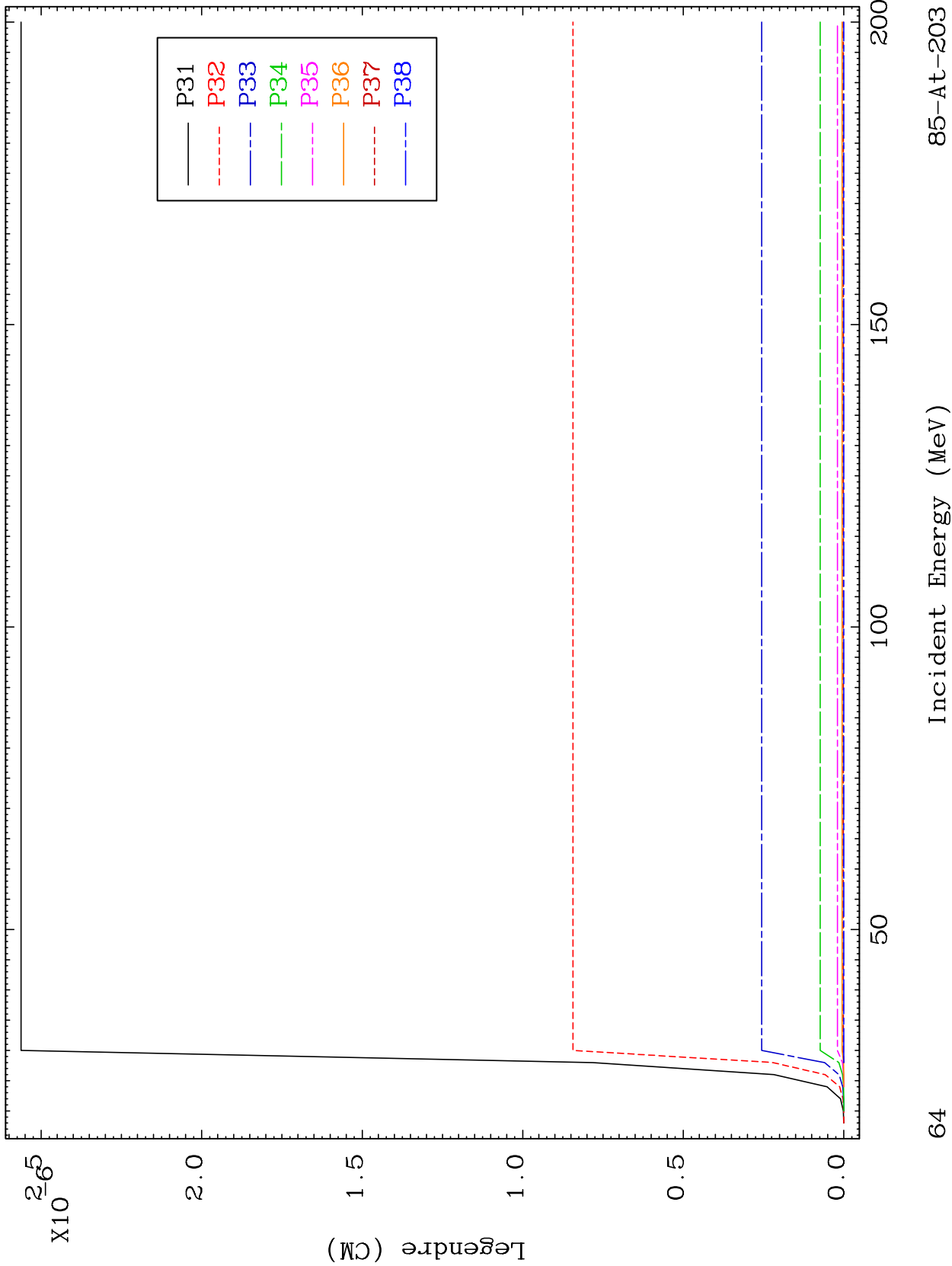
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



64

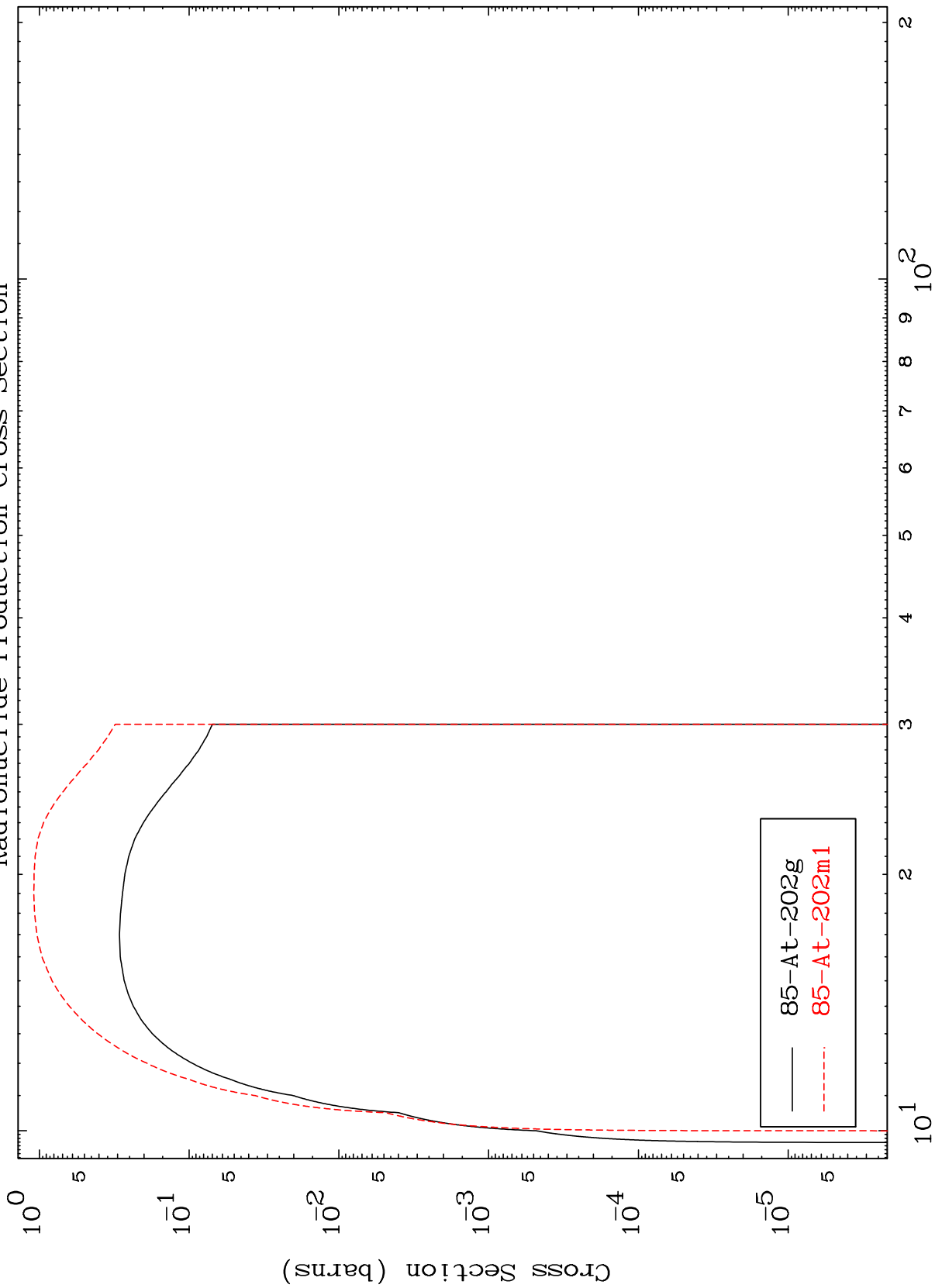
Incident Energy (MeV)

85-At-203

MAT 85225

85-At-203

Radionuclide Production Cross Section  
(n,2n)



85-At-203

Incident Energy (MeV)

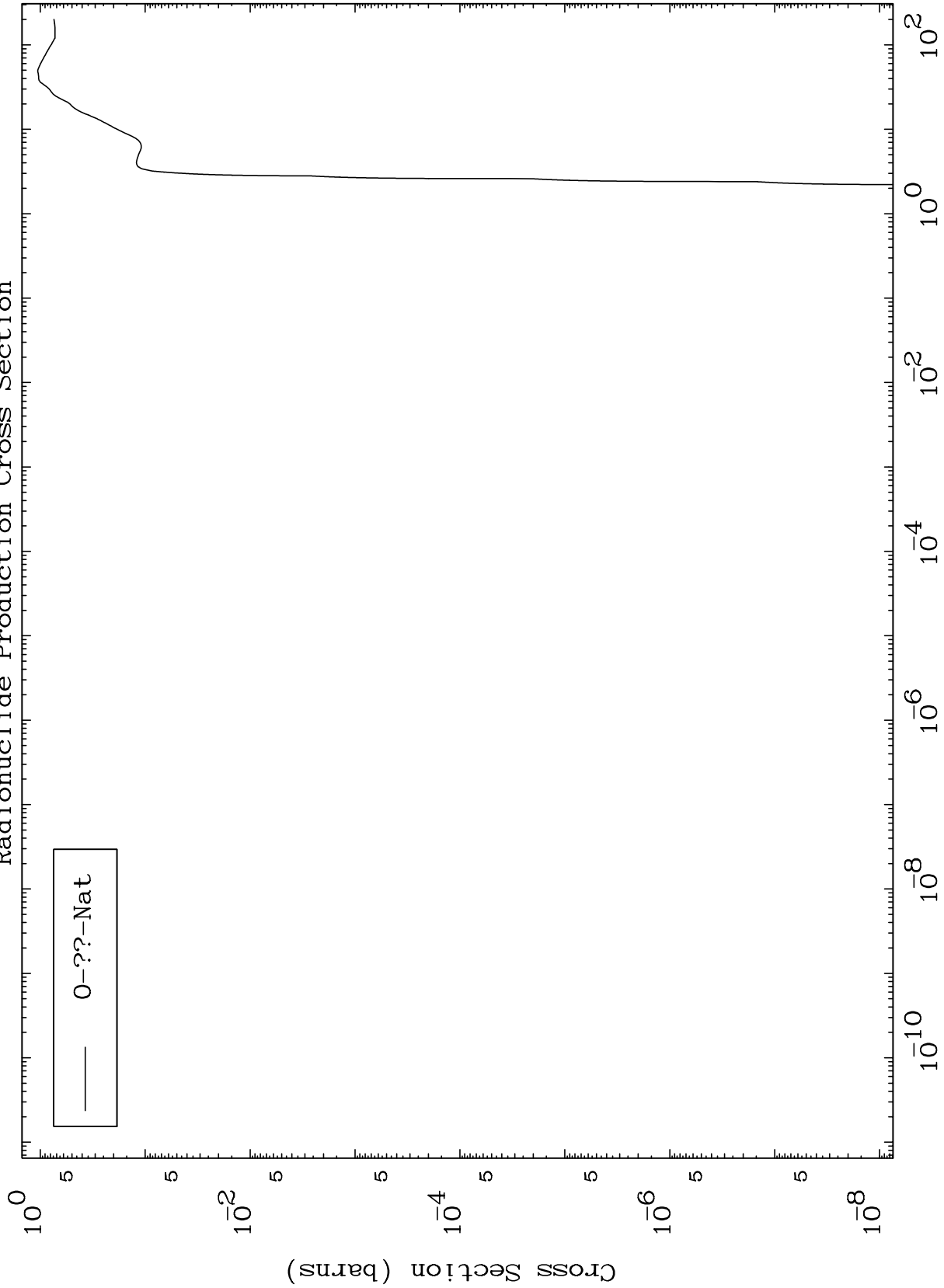
65

MAT 8525

Fission

85-At-203

Radionuclide Production Cross Section



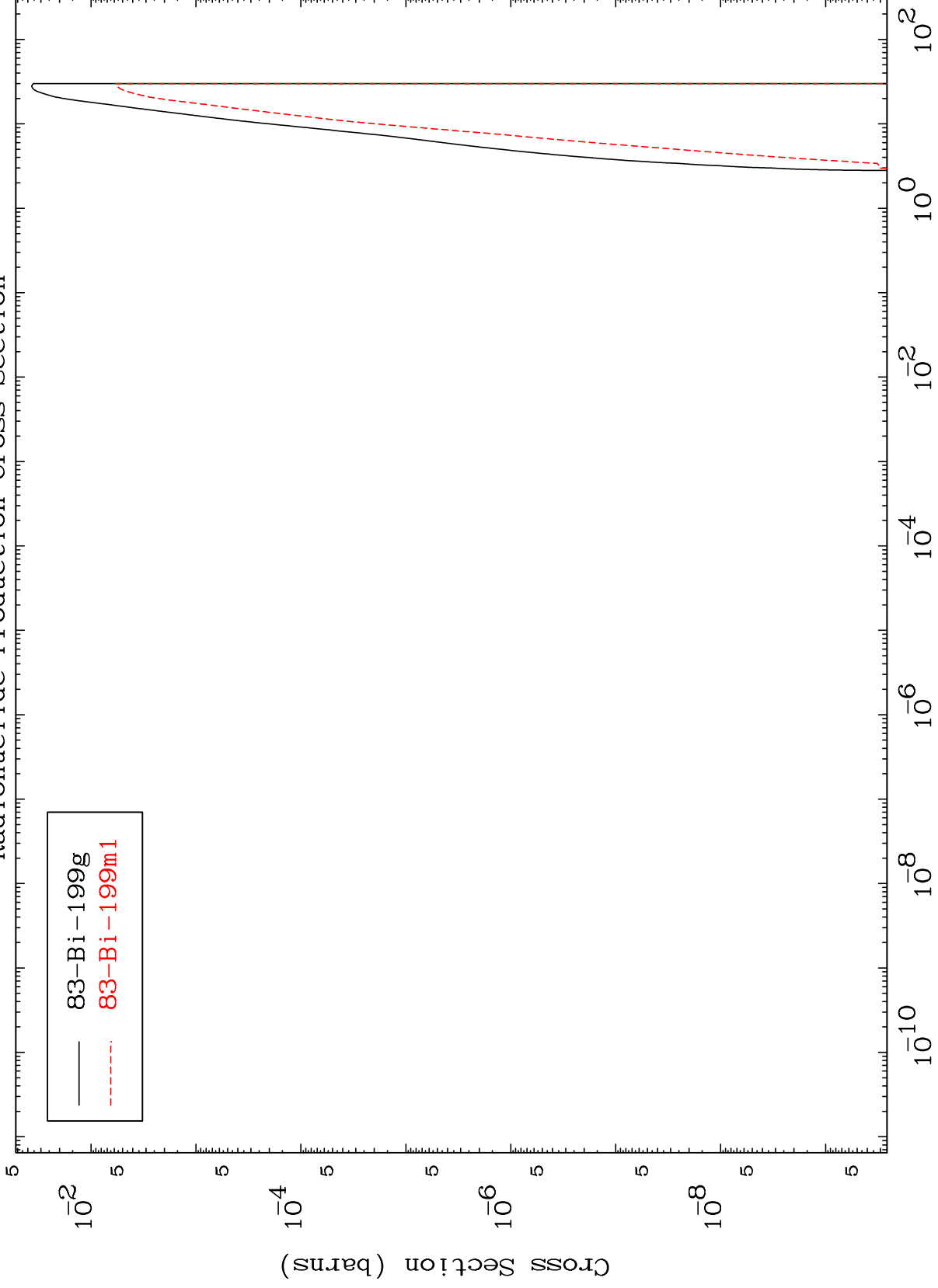
0-??-Nat

MAT 8525

(n,n')  $\alpha$

85-At-203

Radionuclide Production Cross Section



83-Bi-199g  
83-Bi-199m1

67

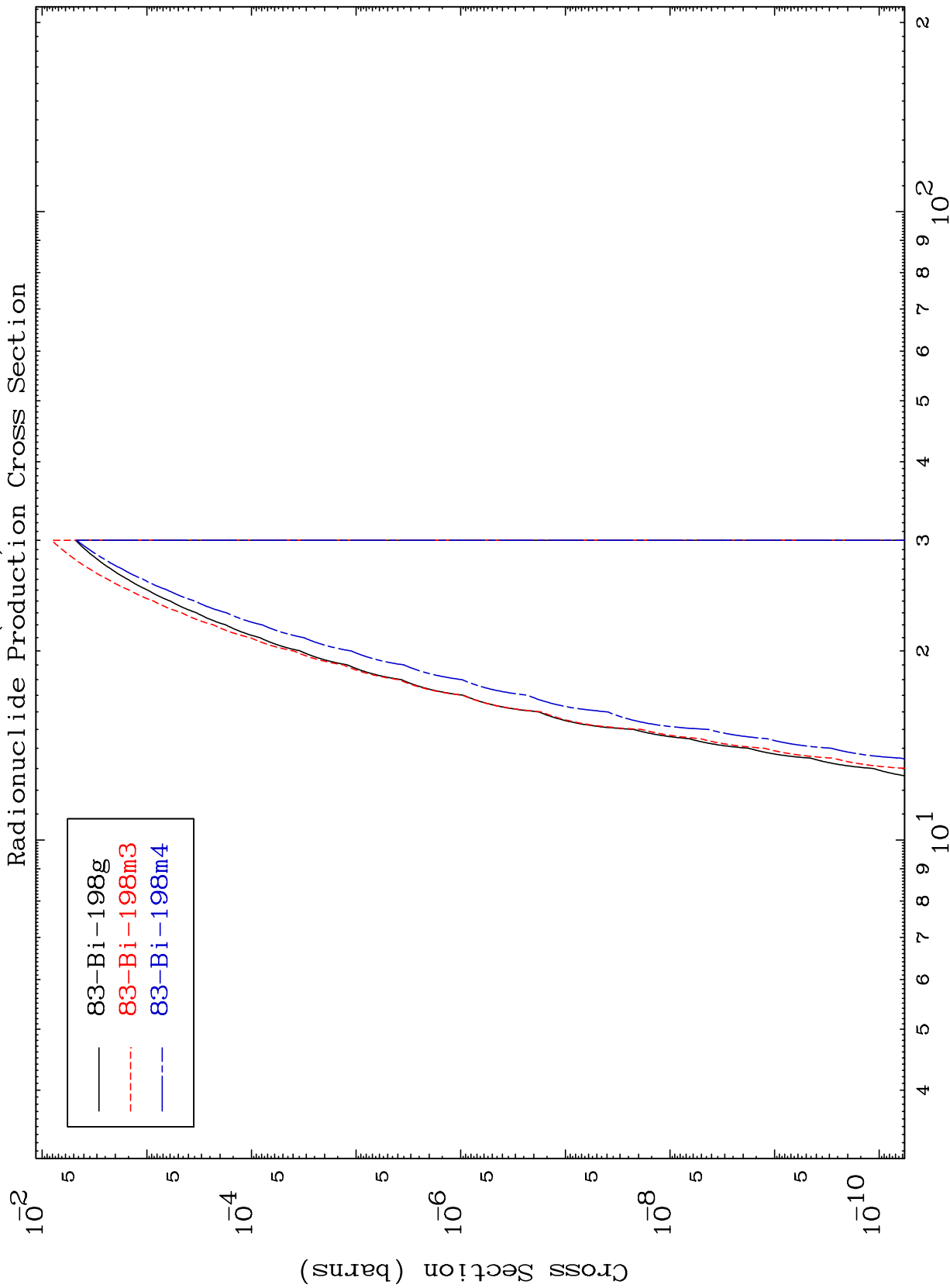
Incident Energy (MeV)

85-At-203

MAT 8525

(n,2n)  $\alpha$

85-At-203



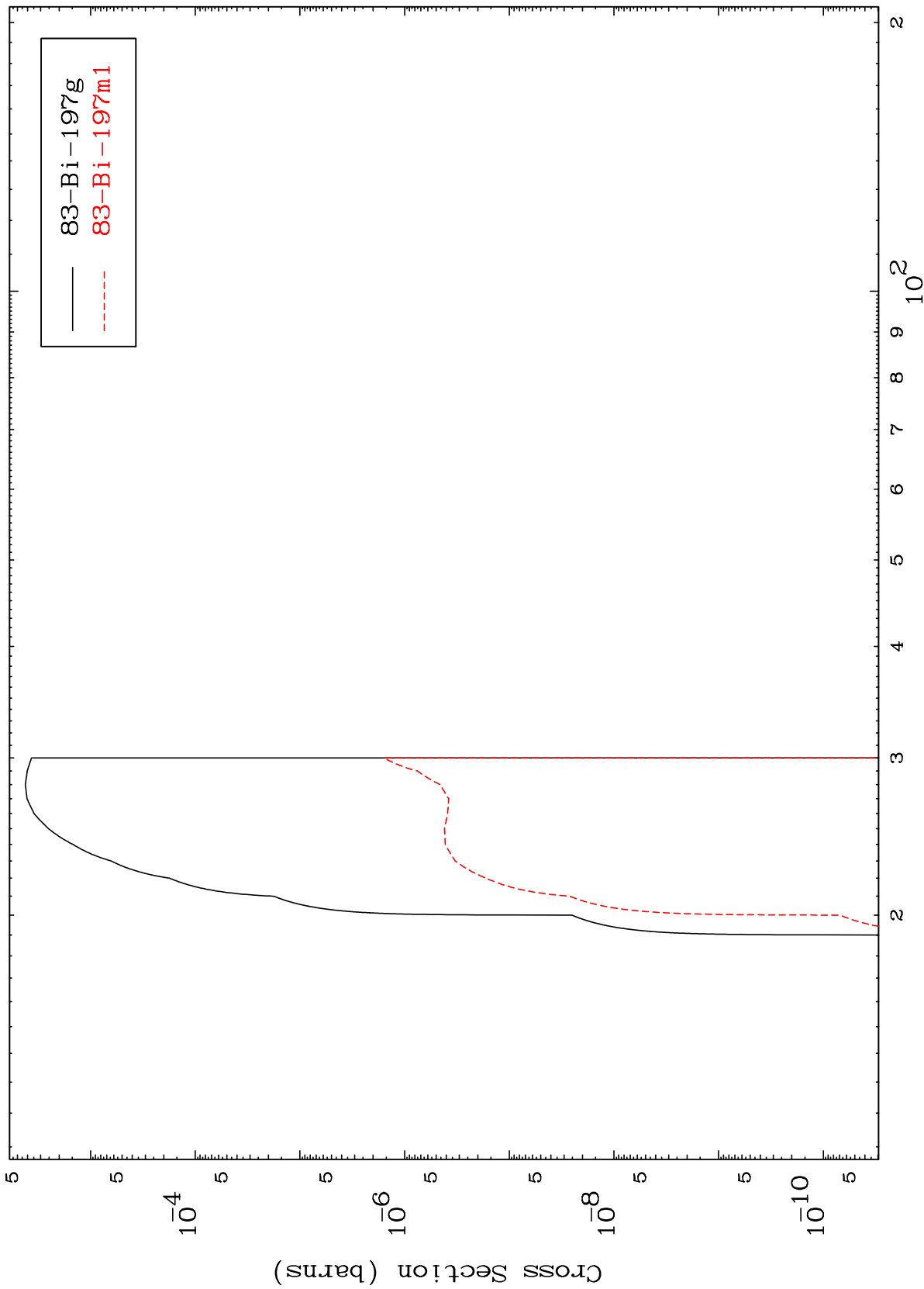
83-Bi-198g  
83-Bi-198m3  
83-Bi-198m4

68

Incident Energy (MeV)

85-At-203

Radionuclide Production Cross Section

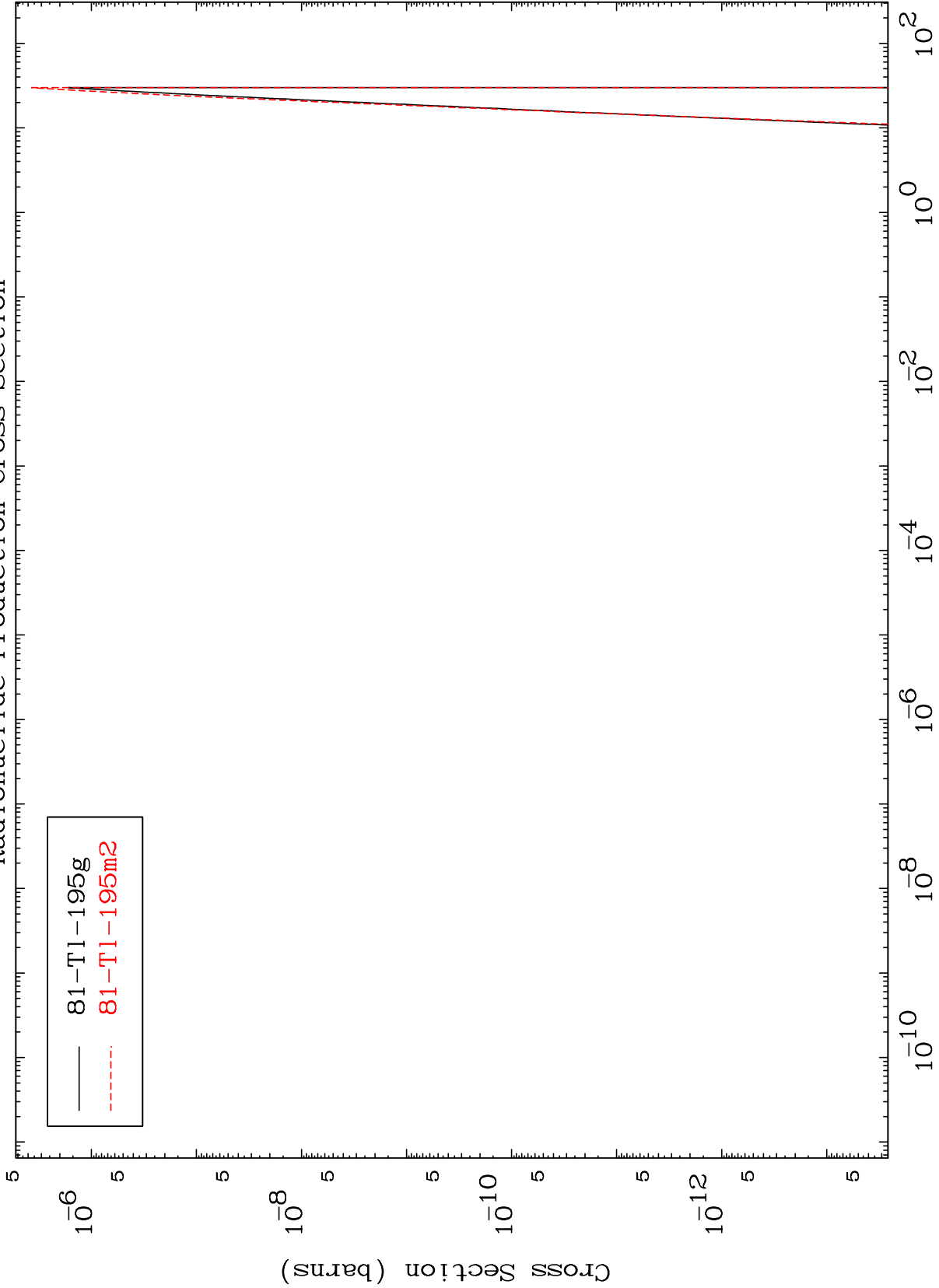


MAT 8525

(n,n') 2α

85-At-203

Radionuclide Production Cross Section



81-Tl-195g  
81-Tl-195m2

70

Incident Energy (MeV)

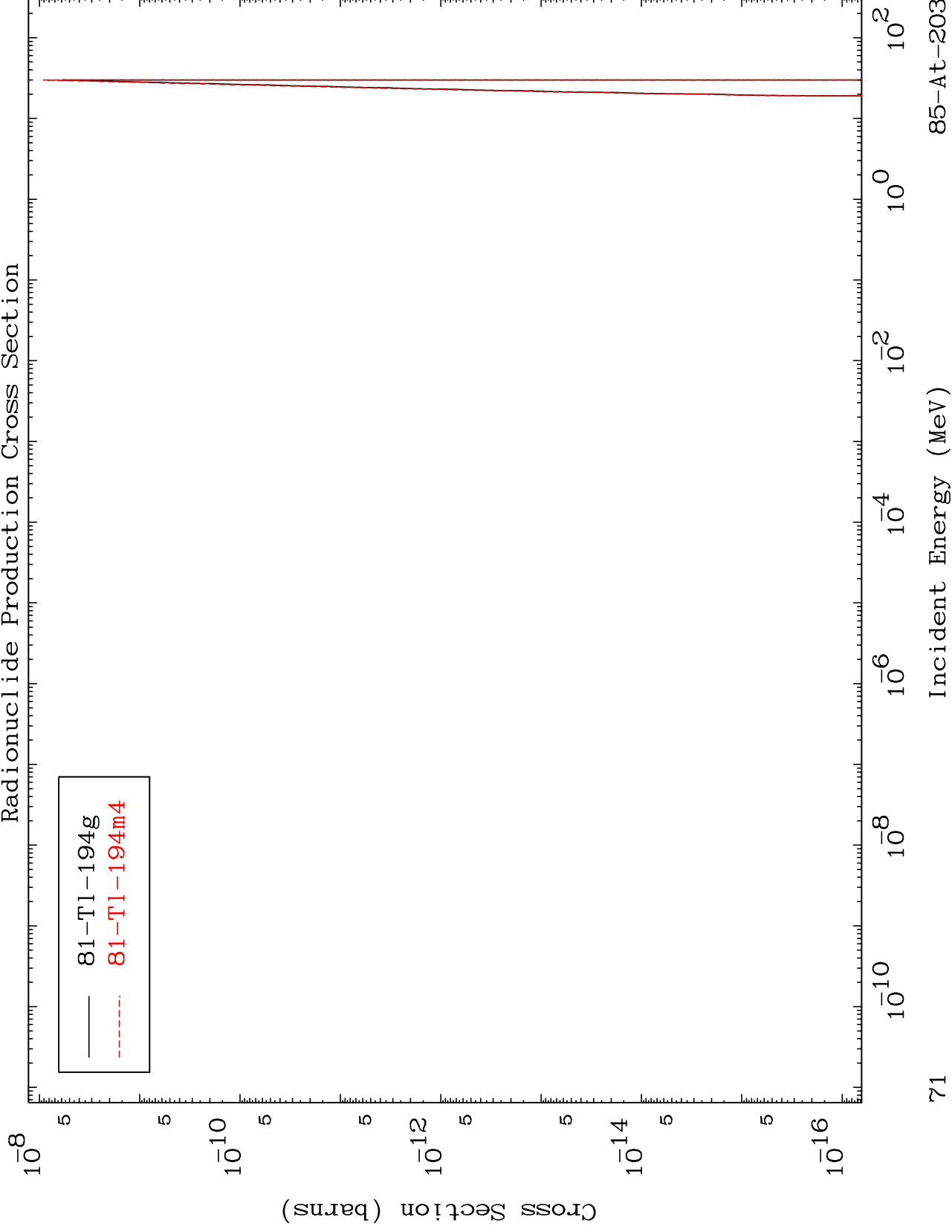
85-At-203

MAT 8525

(n,2n) 2 $\alpha$

85-At-203

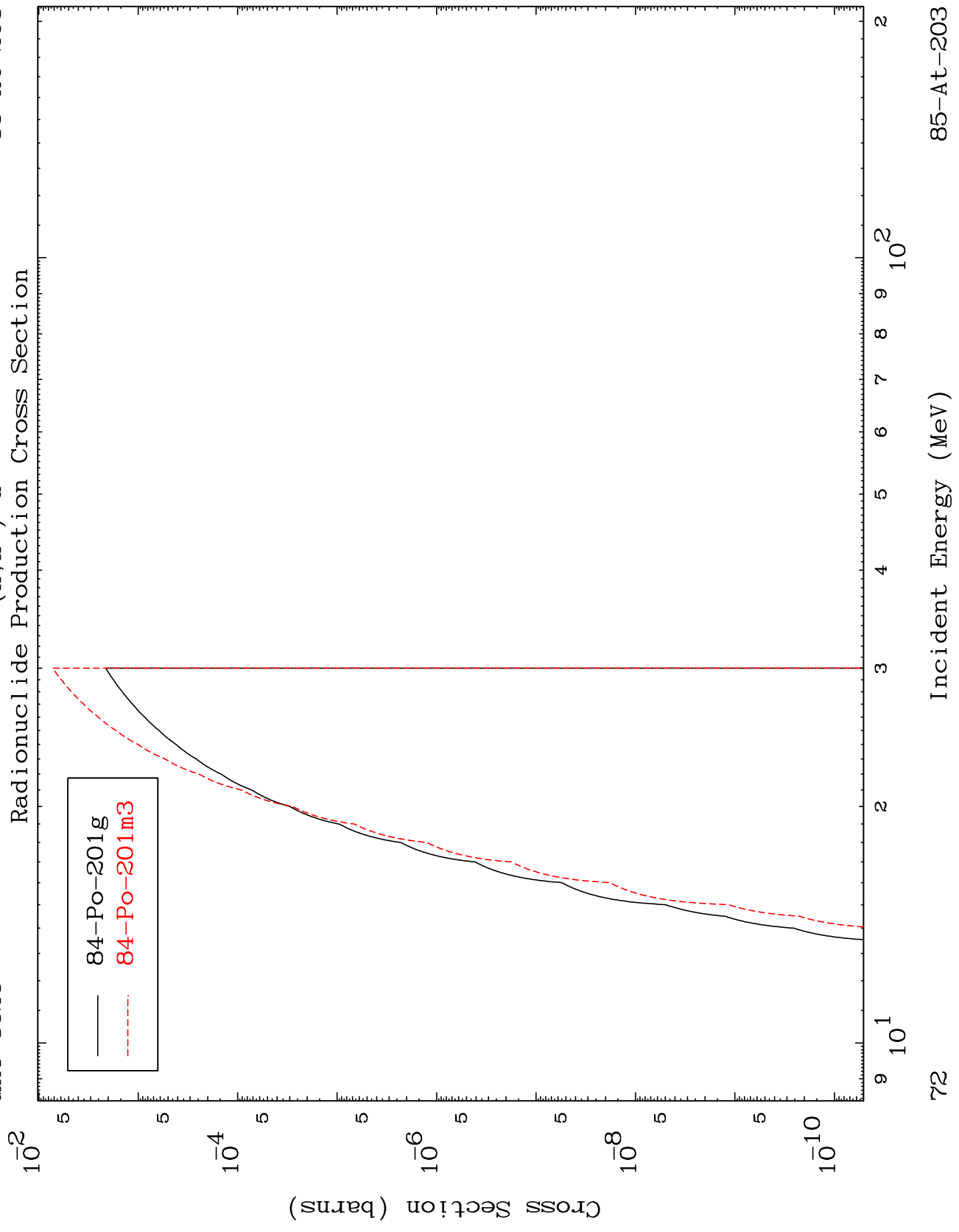
Radionuclide Production Cross Section



MAT 8525

(n,n') d

85-At-203



72

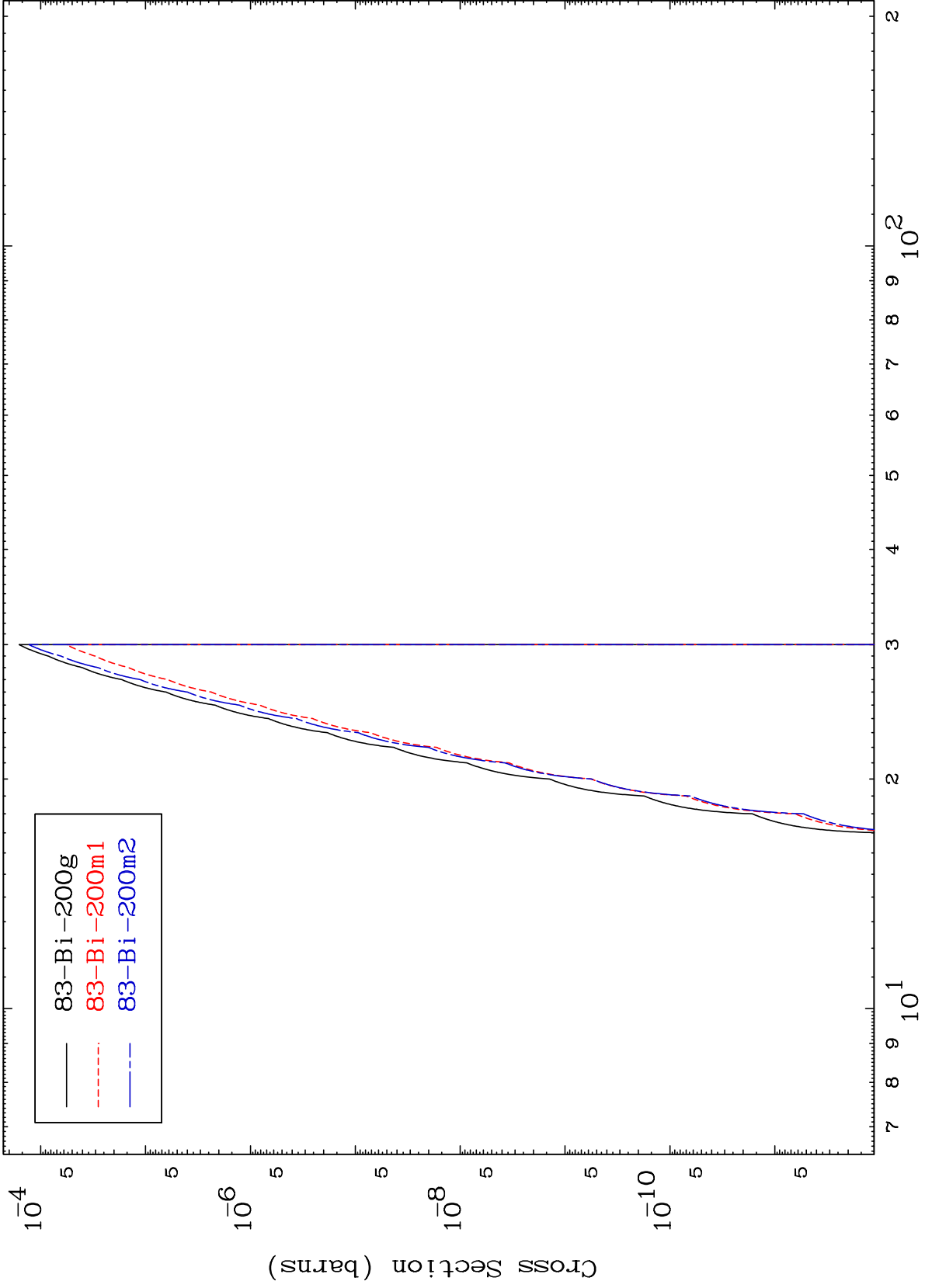
85-At-203

MAT 8525

(n,n') He-3

85-At-203

Radionuclide Production Cross Section



73

Incident Energy (MeV)

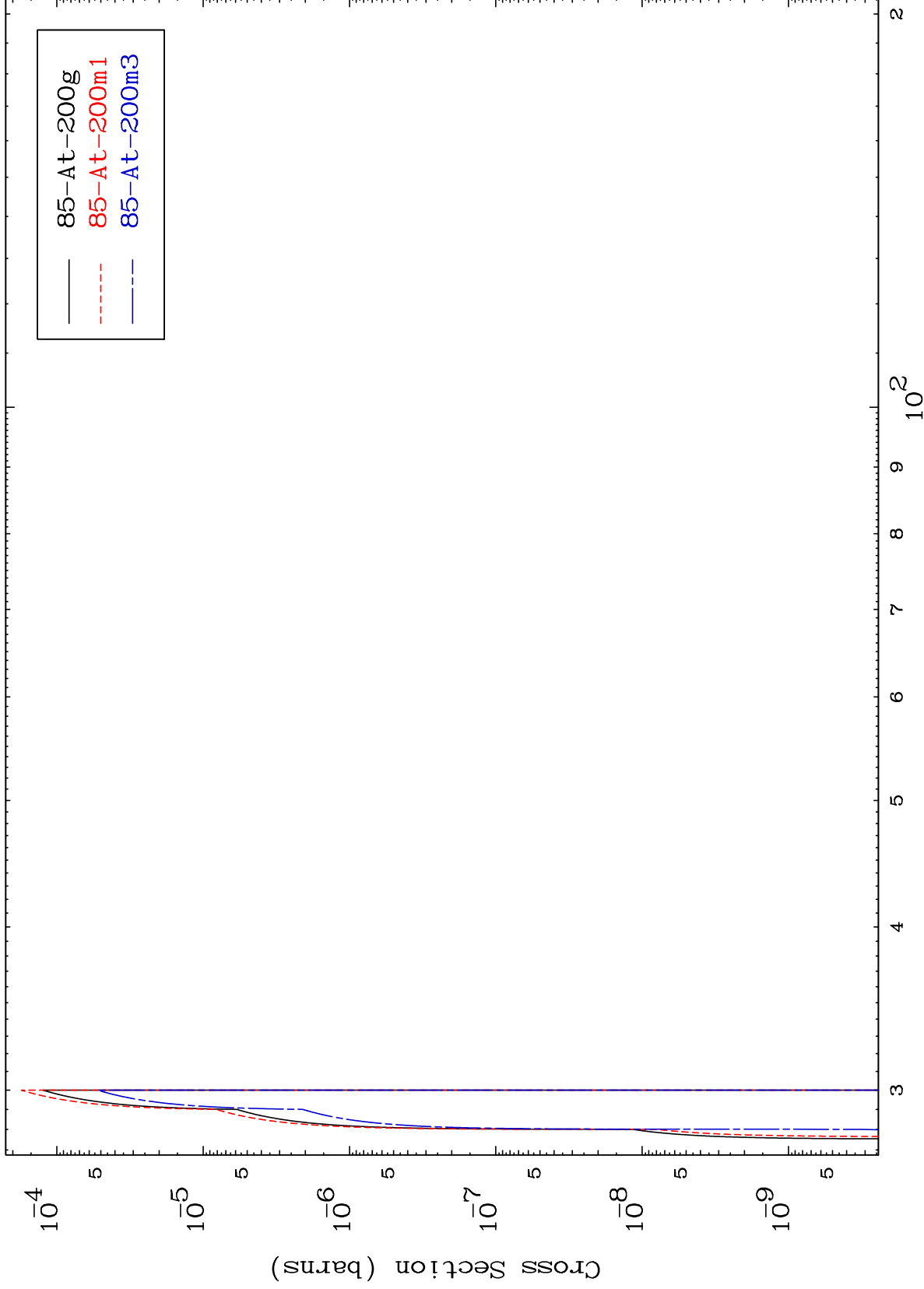
85-At-203

MAT 8525

(n,4n)

85-At-203

Radionuclide Production Cross Section



74

Incident Energy (MeV)

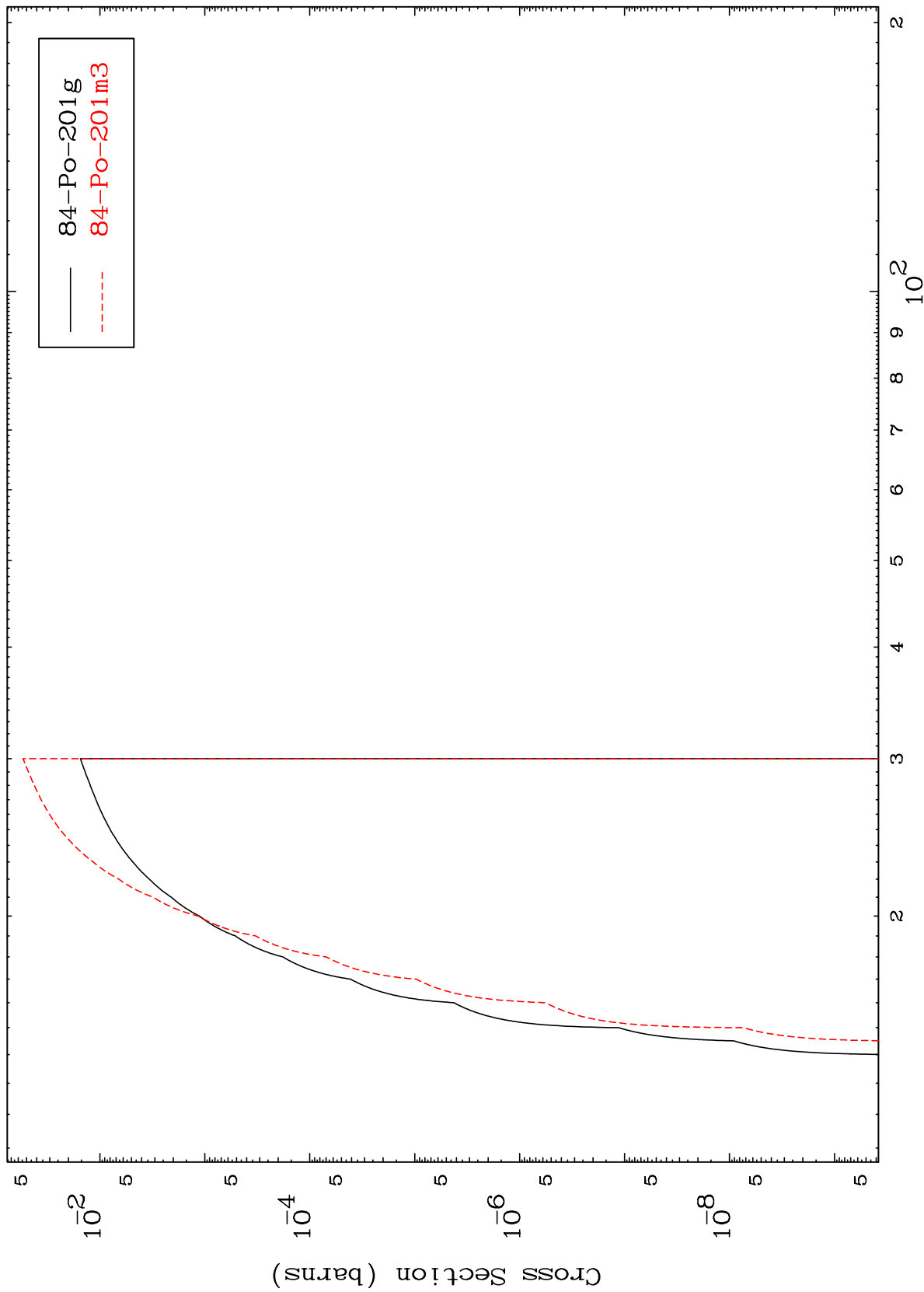
85-At-203

MAT 8525

(n,2n) p

85-At-203

Radionuclide Production Cross Section



75

Incident Energy (MeV)

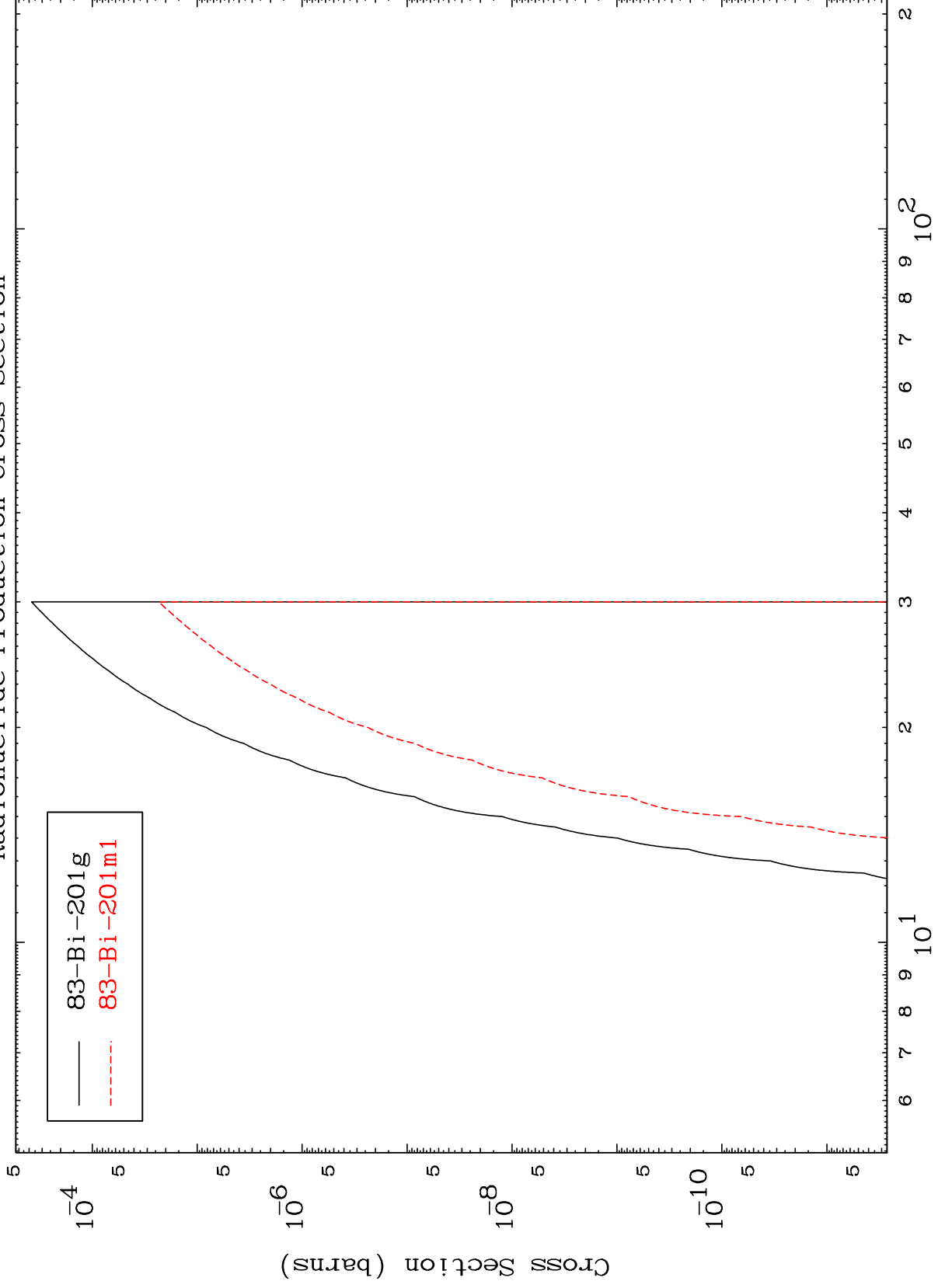
85-At-203

MAT 8525

(n,2n) p

85-At-203

Radionuclide Production Cross Section



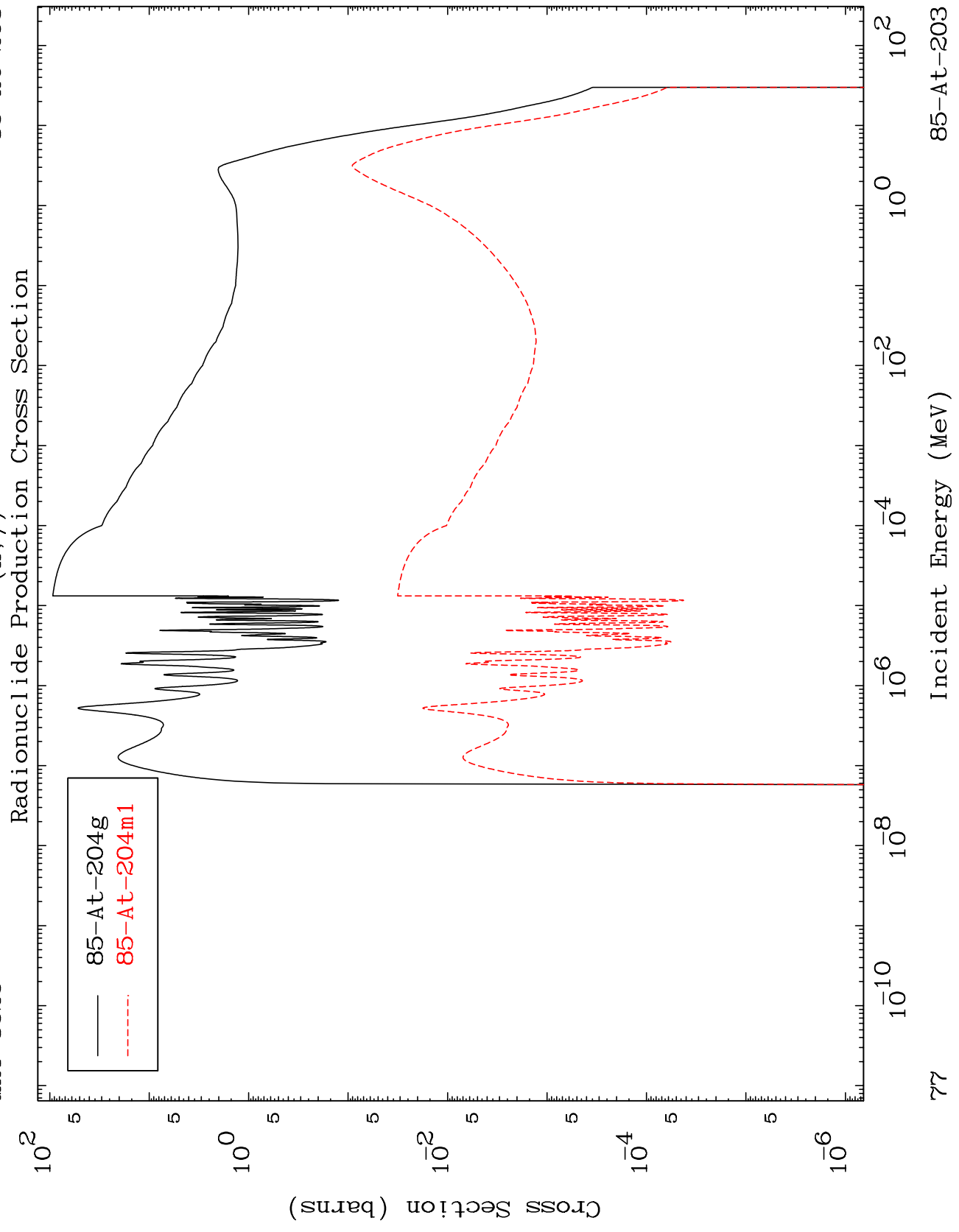
76

Incident Energy (MeV)

85-At-203

MAT 8525

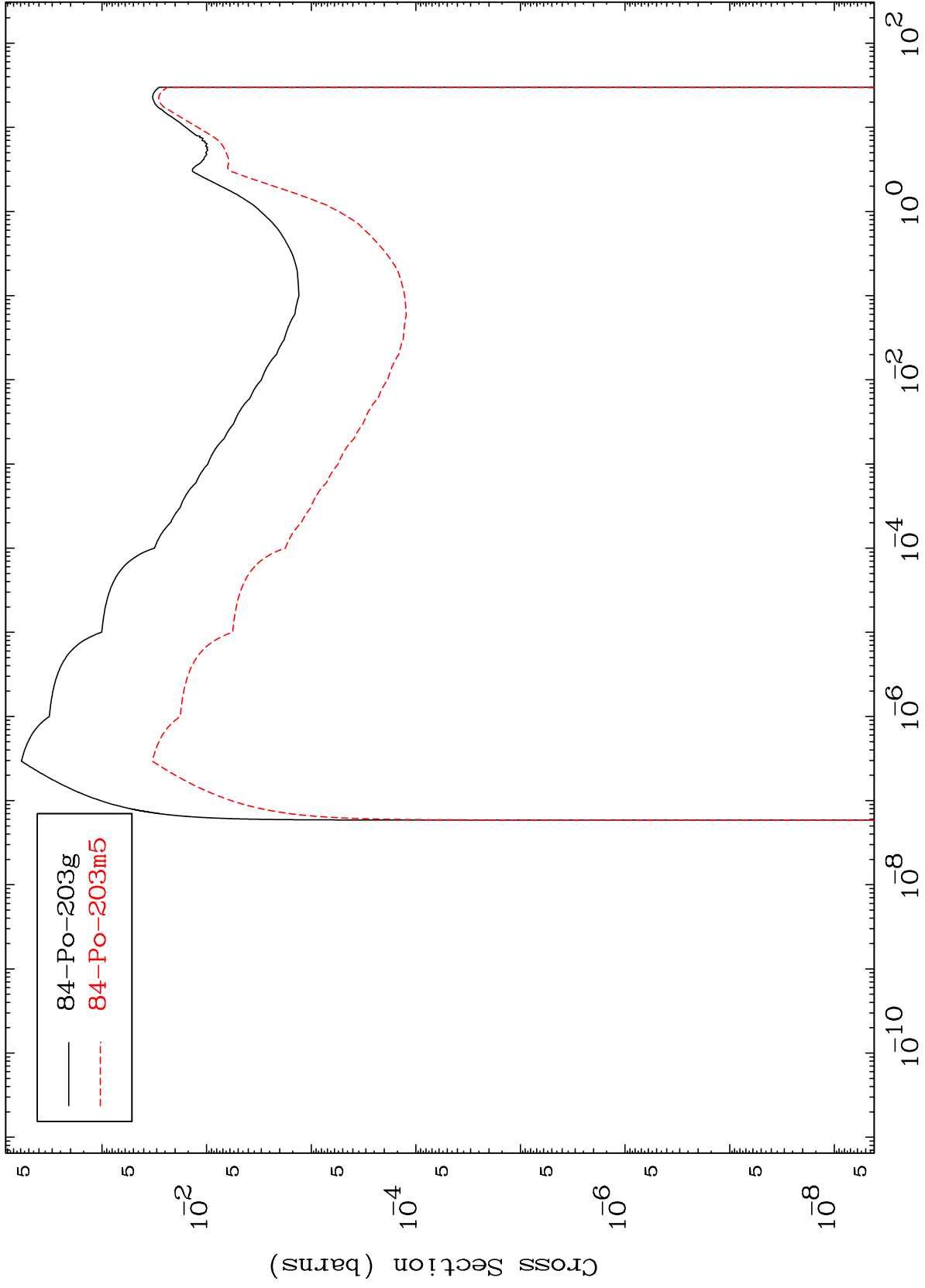
85-At-203



MAT 8525

85-At-203

(n,p)  
Radionuclide Production Cross Section



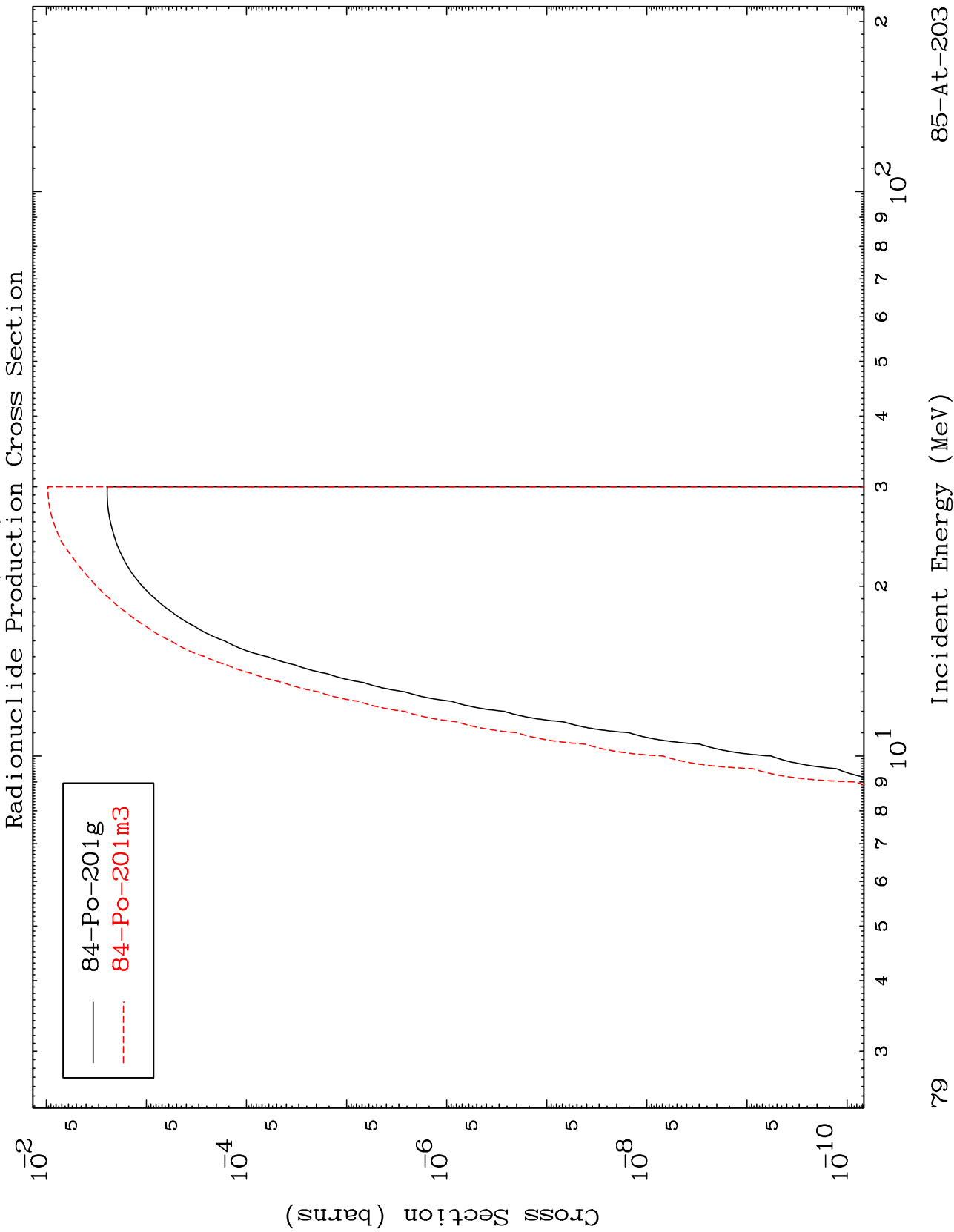
78

Incident Energy (MeV)

85-At-203

MAT 8525

85-At-203



79

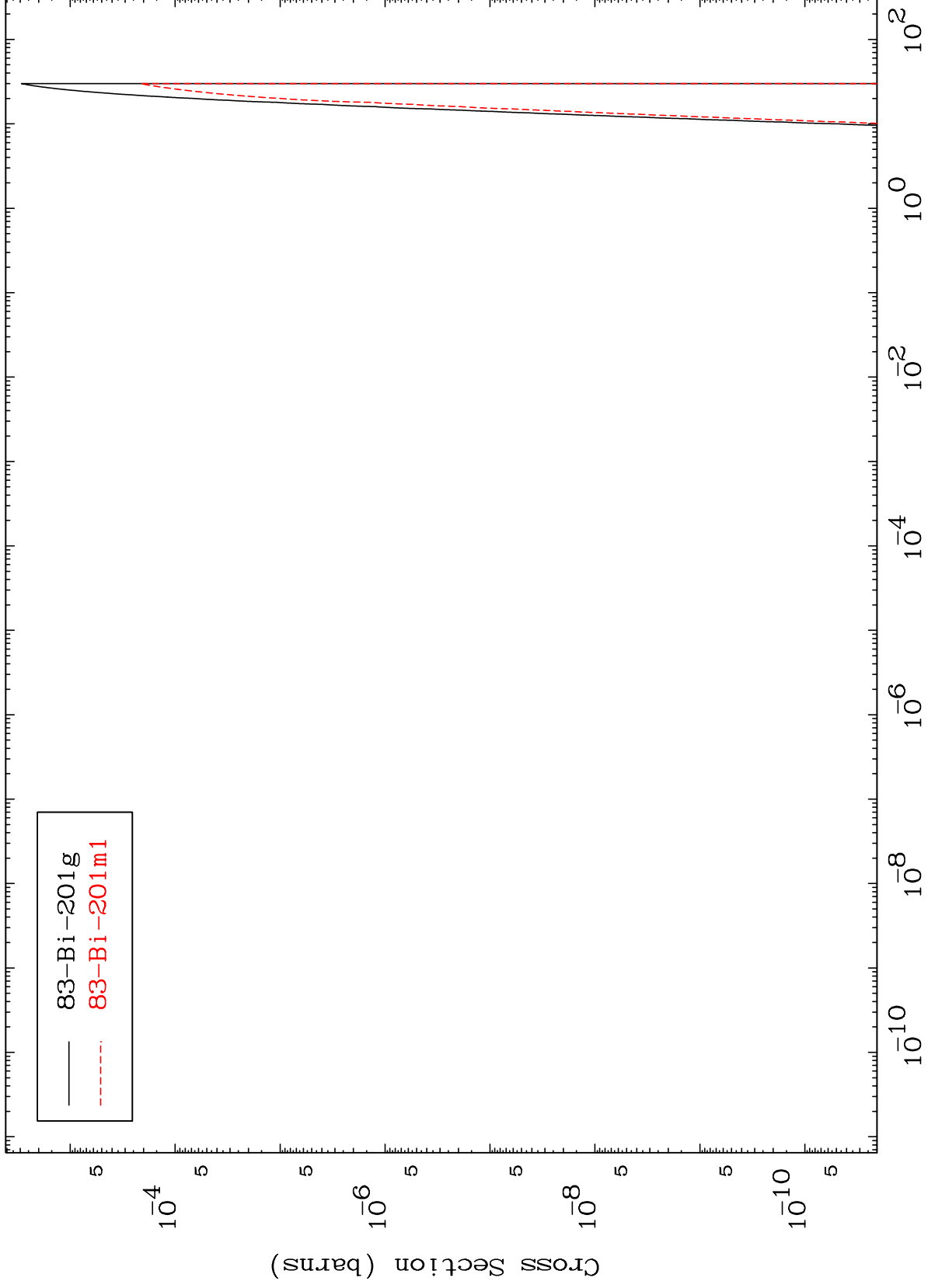
85-At-203

MAT 8525

(n,He-3)

85-At-203

Radionuclide Production Cross Section



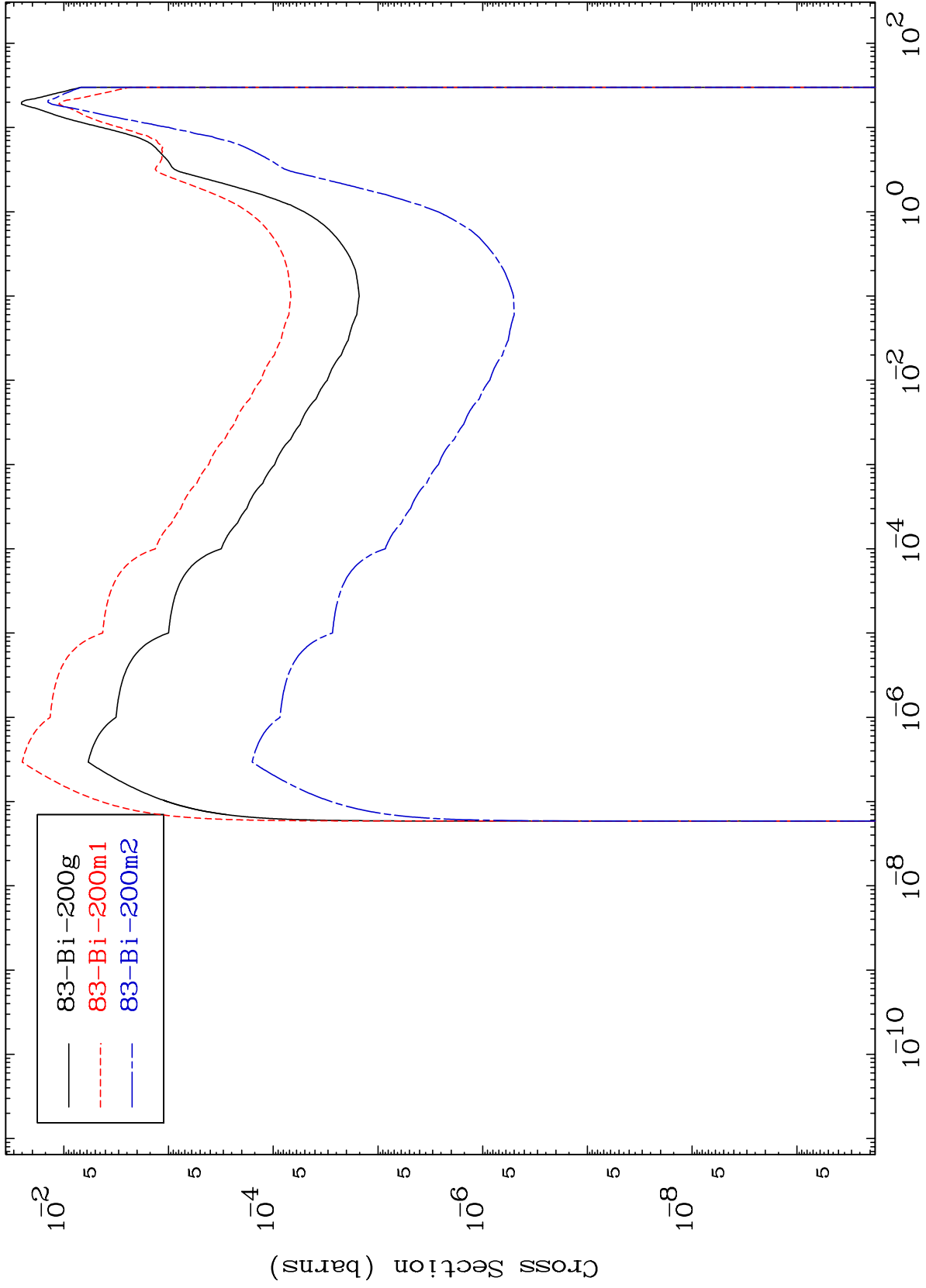
83-Bi-201g  
83-Bi-201m1

80

Incident Energy (MeV)

85-At-203

Radionuclide Production Cross Section (n,α)

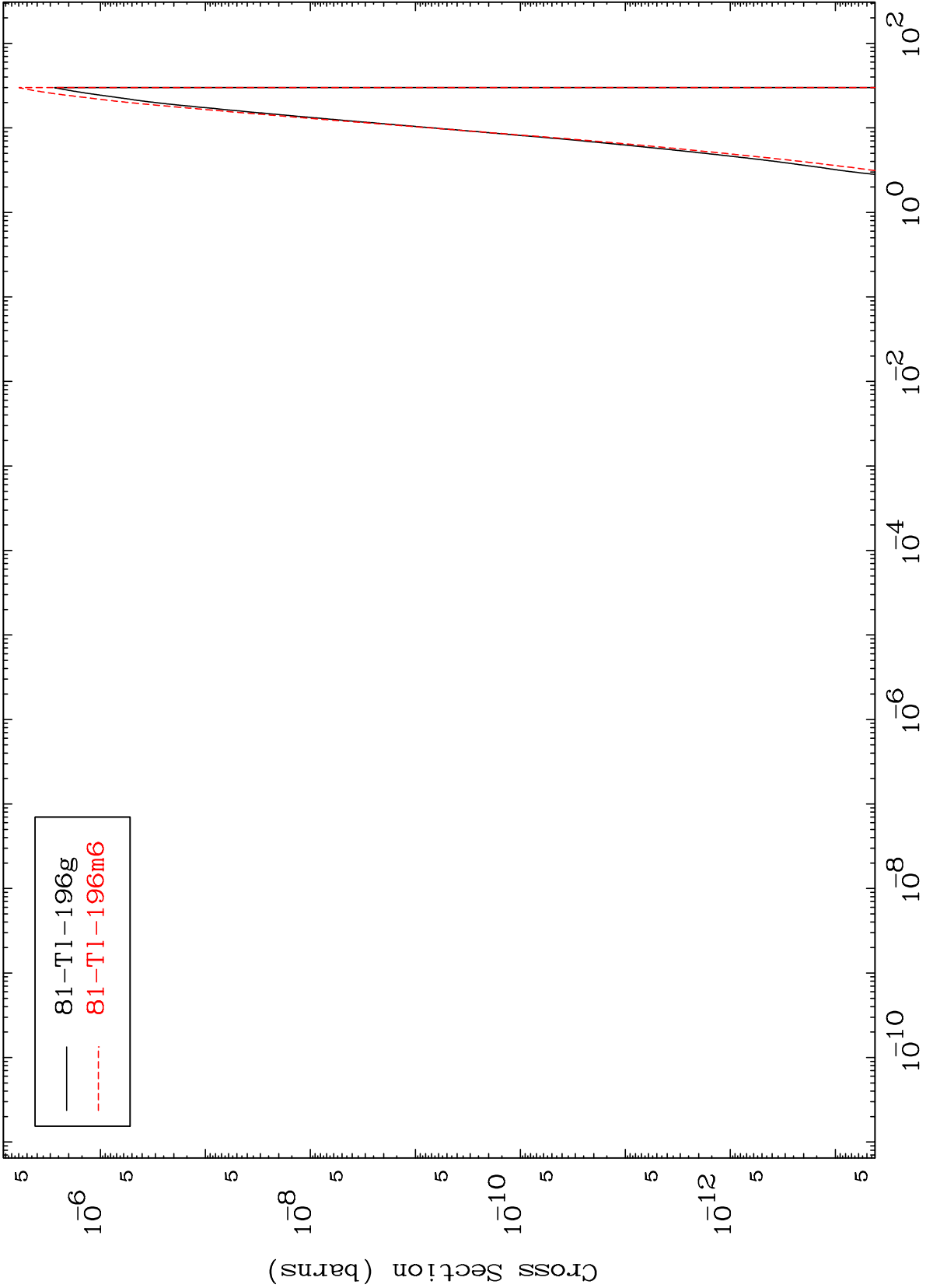


MAT 8525

(n,2α)

85-At-203

Radionuclide Production Cross Section



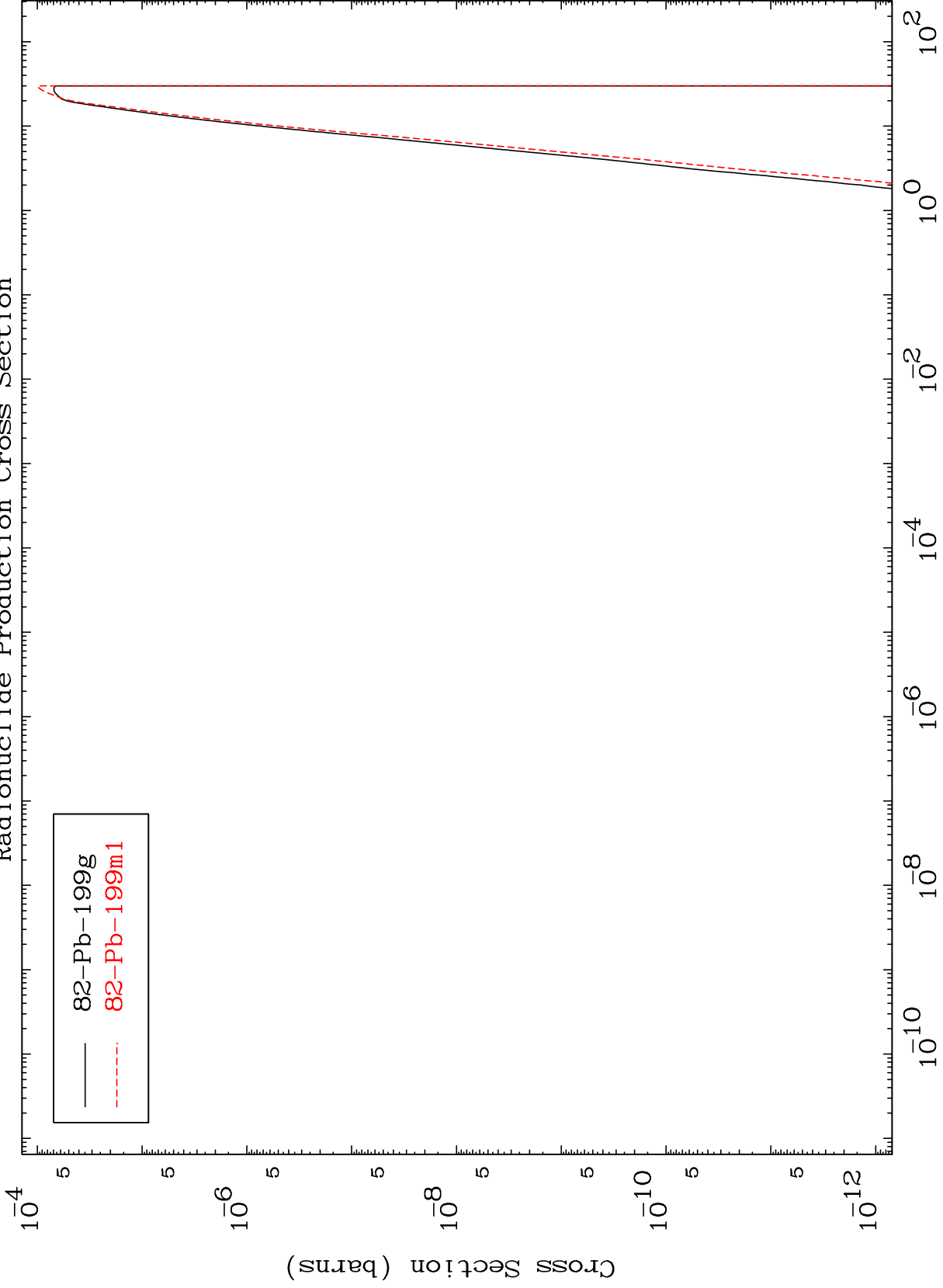
81-Tl-196g  
81-Tl-196m6

MAT 8525

(n,p)  $\alpha$

85-At-203

Radionuclide Production Cross Section



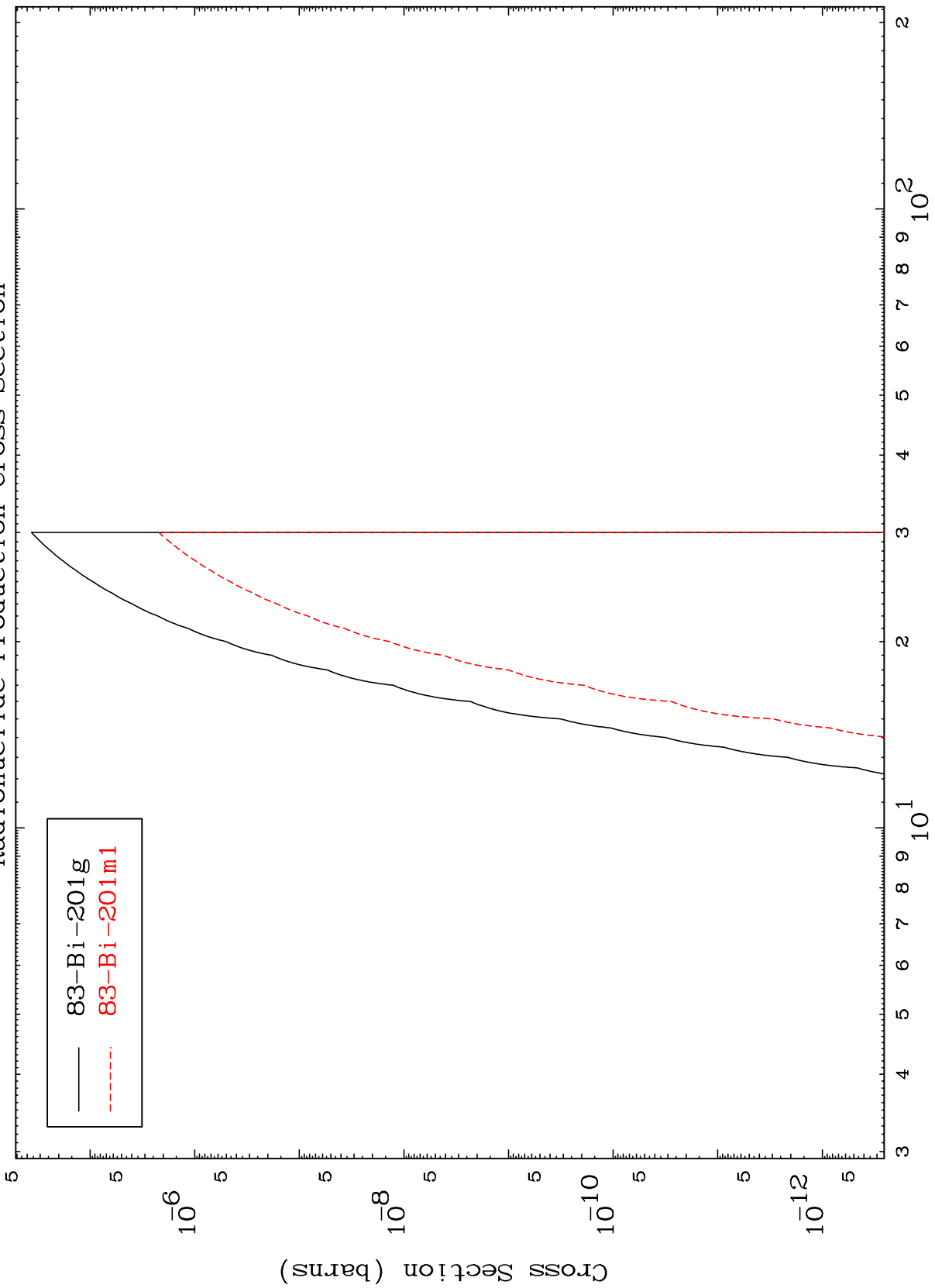
82-Pb-199g  
82-Pb-199m1

MAT 8525

(n,p) d

85-At-203

Radionuclide Production Cross Section



84

Incident Energy (MeV)

85-At-203

Radionuclide Production Cross Section

