

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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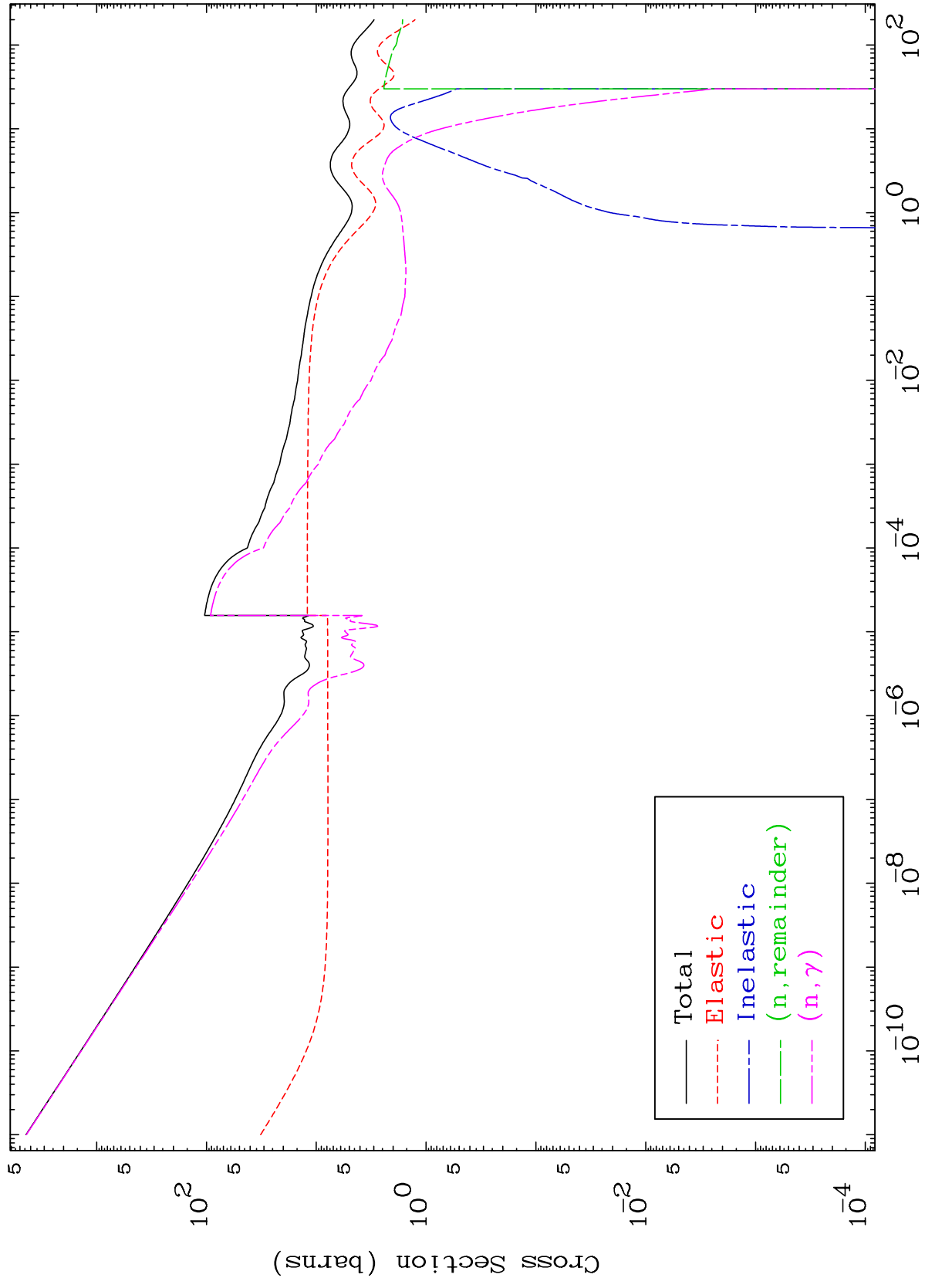
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8525

Major  
293 Kelvin Cross Sections

85-At-203

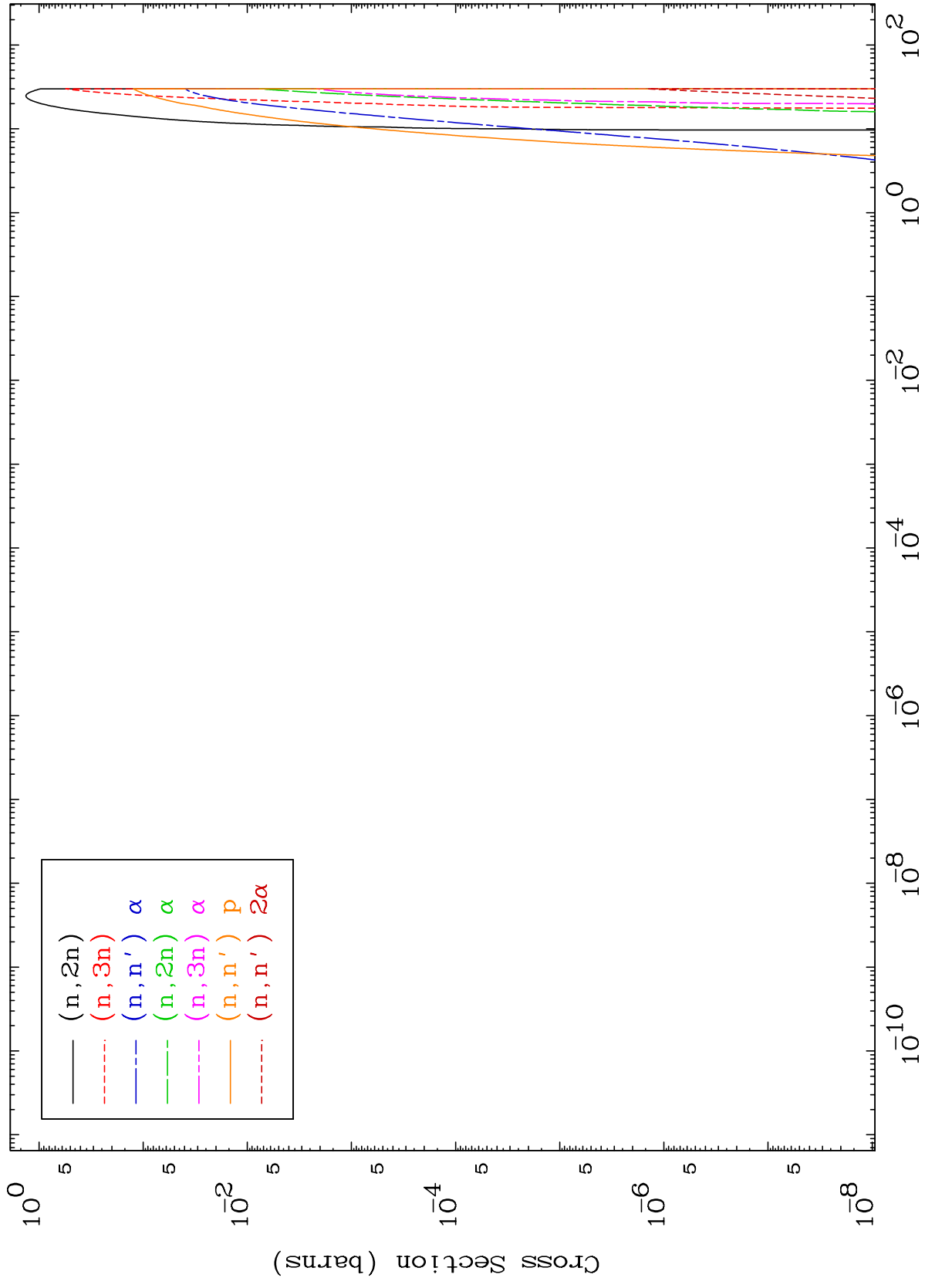


85-At-203

MAT 8525

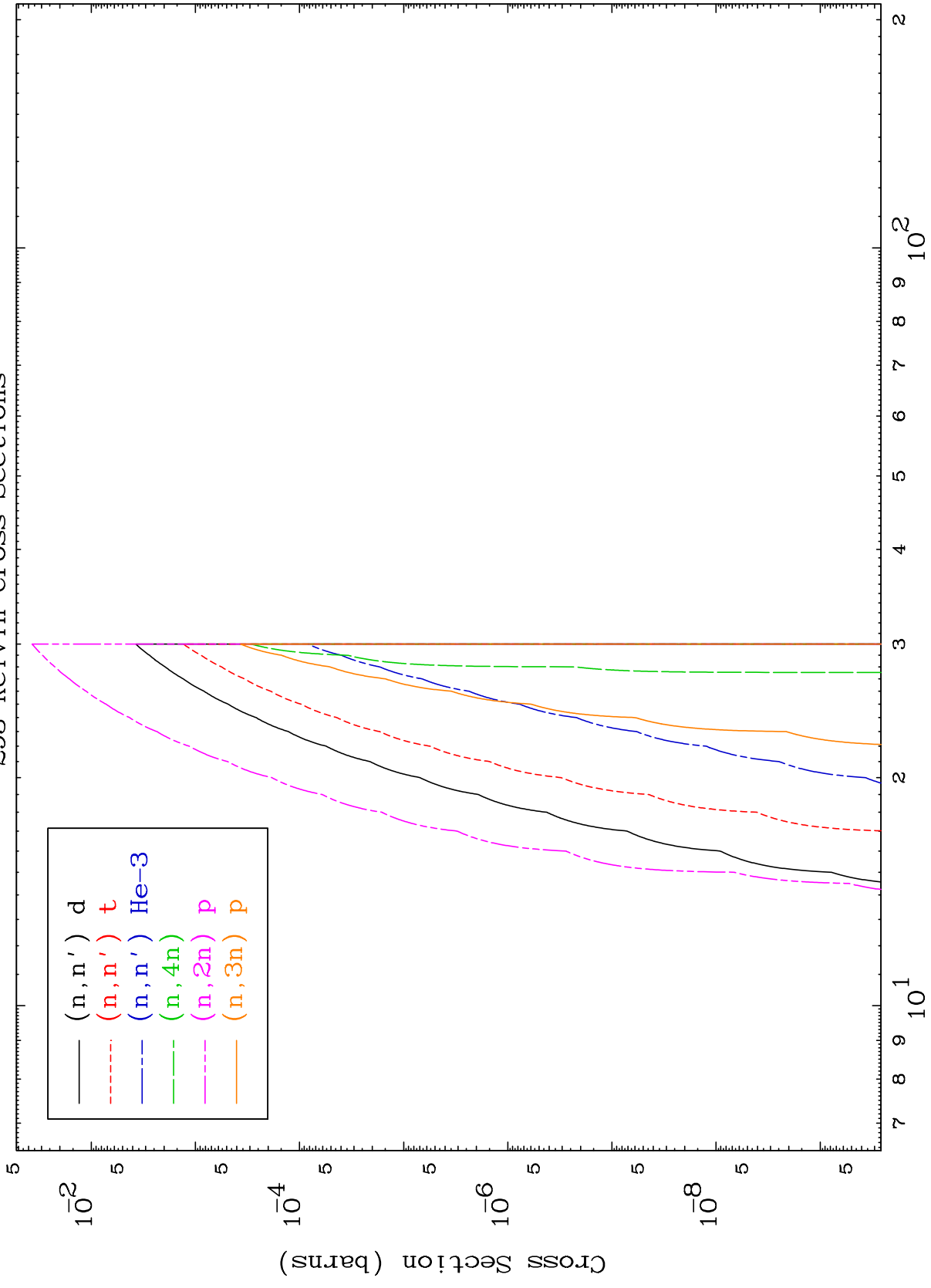
Neutron Production  
293 Kelvin Cross Sections

85-At-203



2

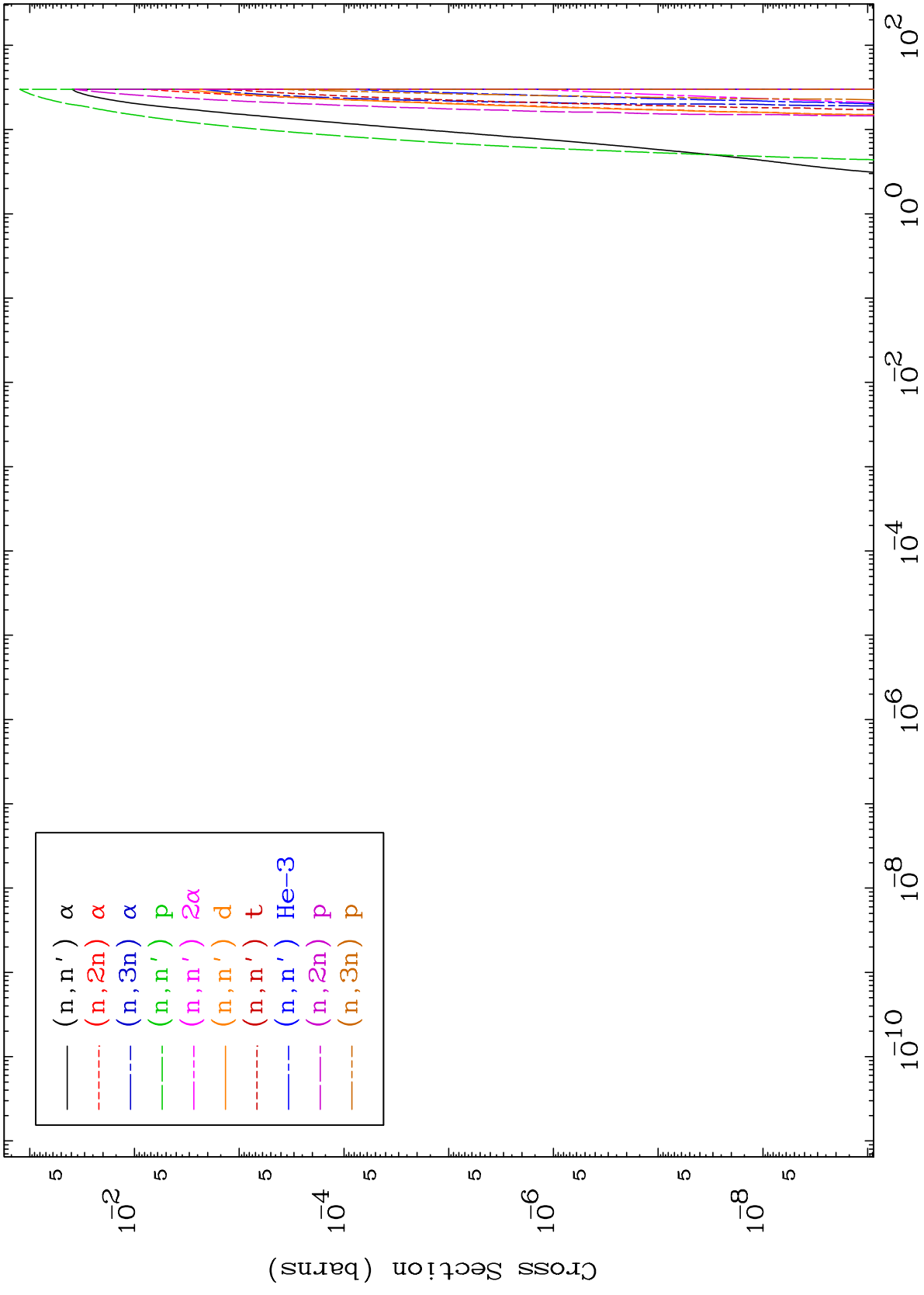
85-At-203



MAT 8525

Charged Particle  
293 Kelvin Cross Sections

85-At-203

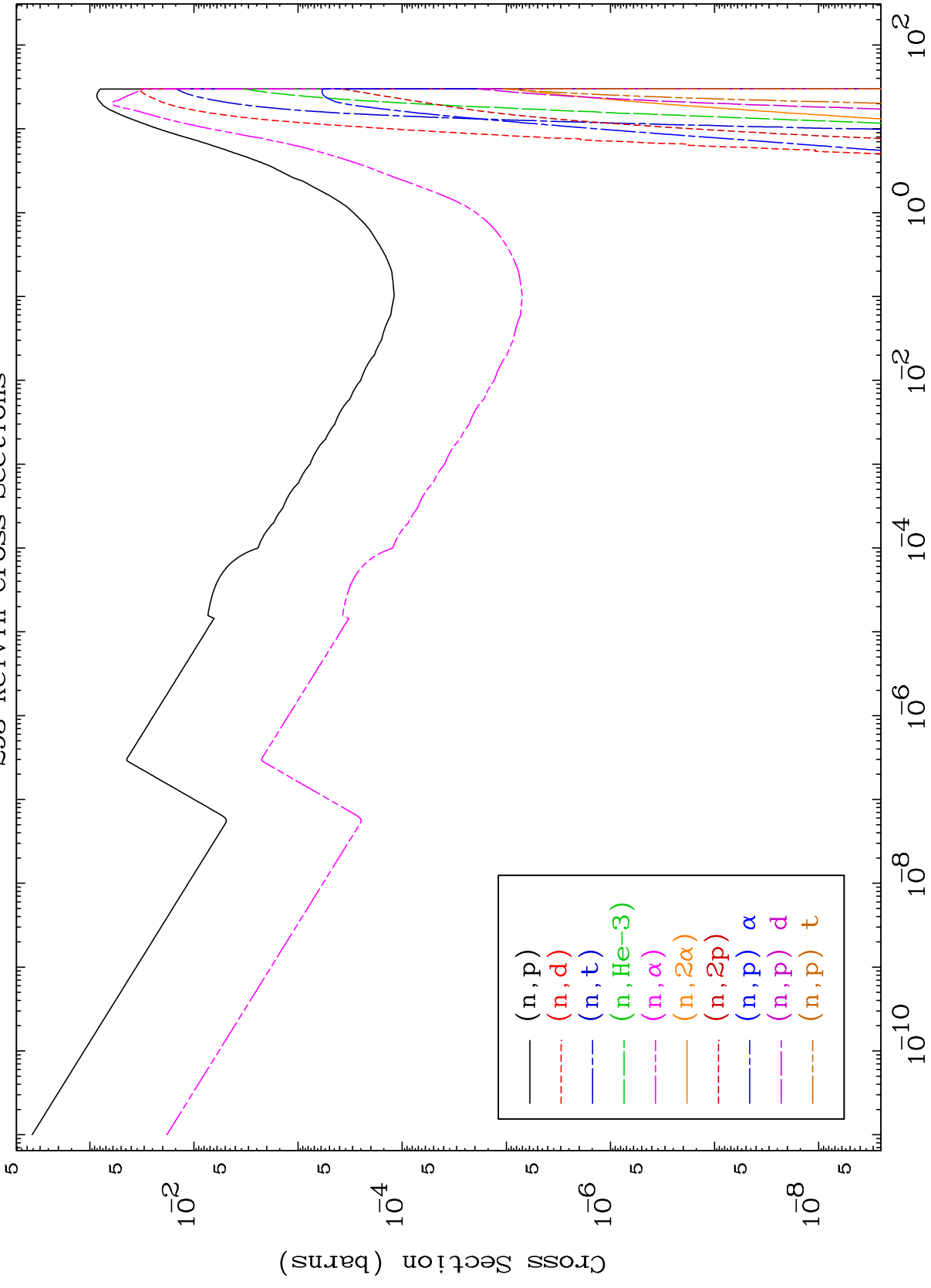


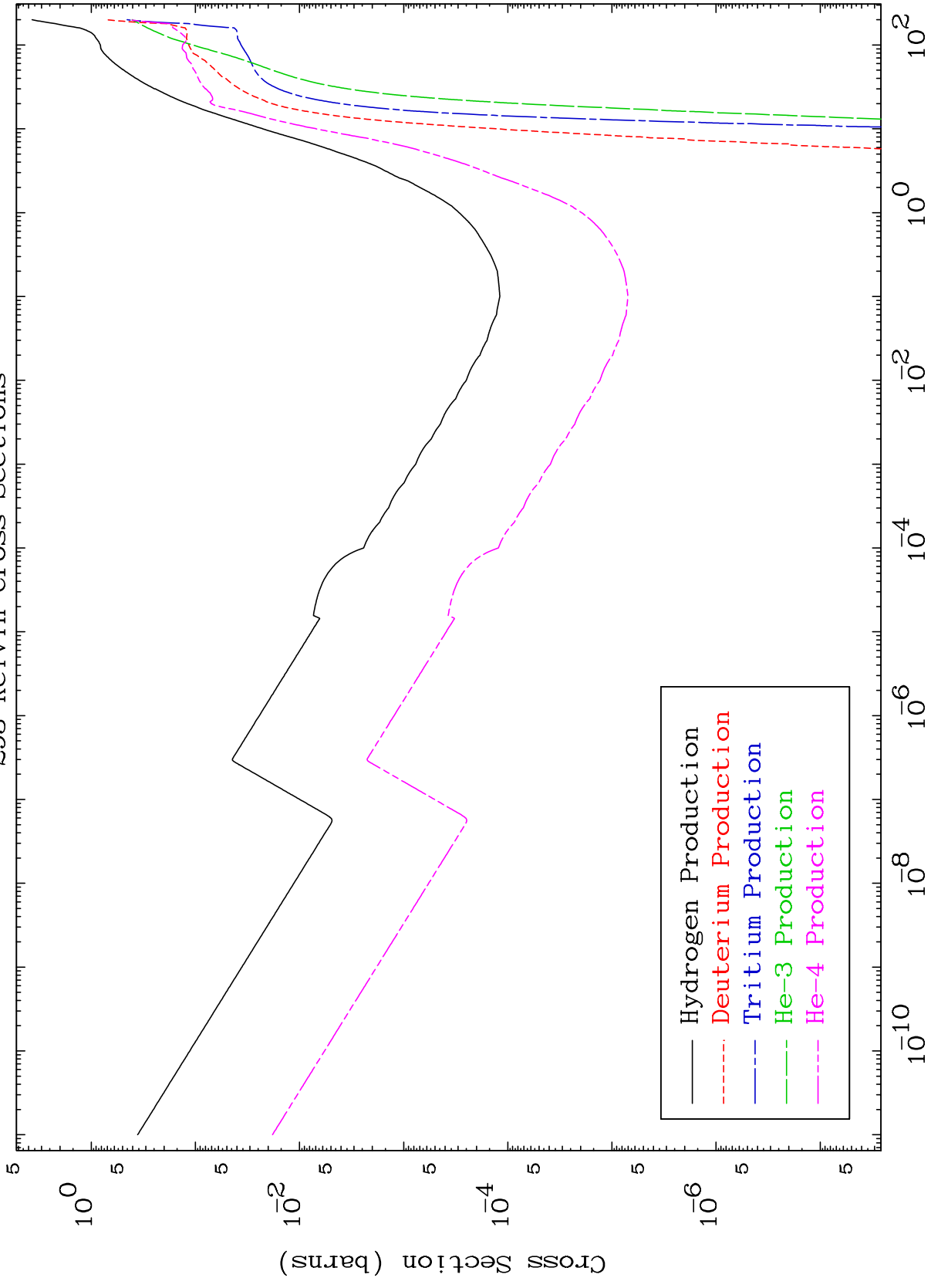
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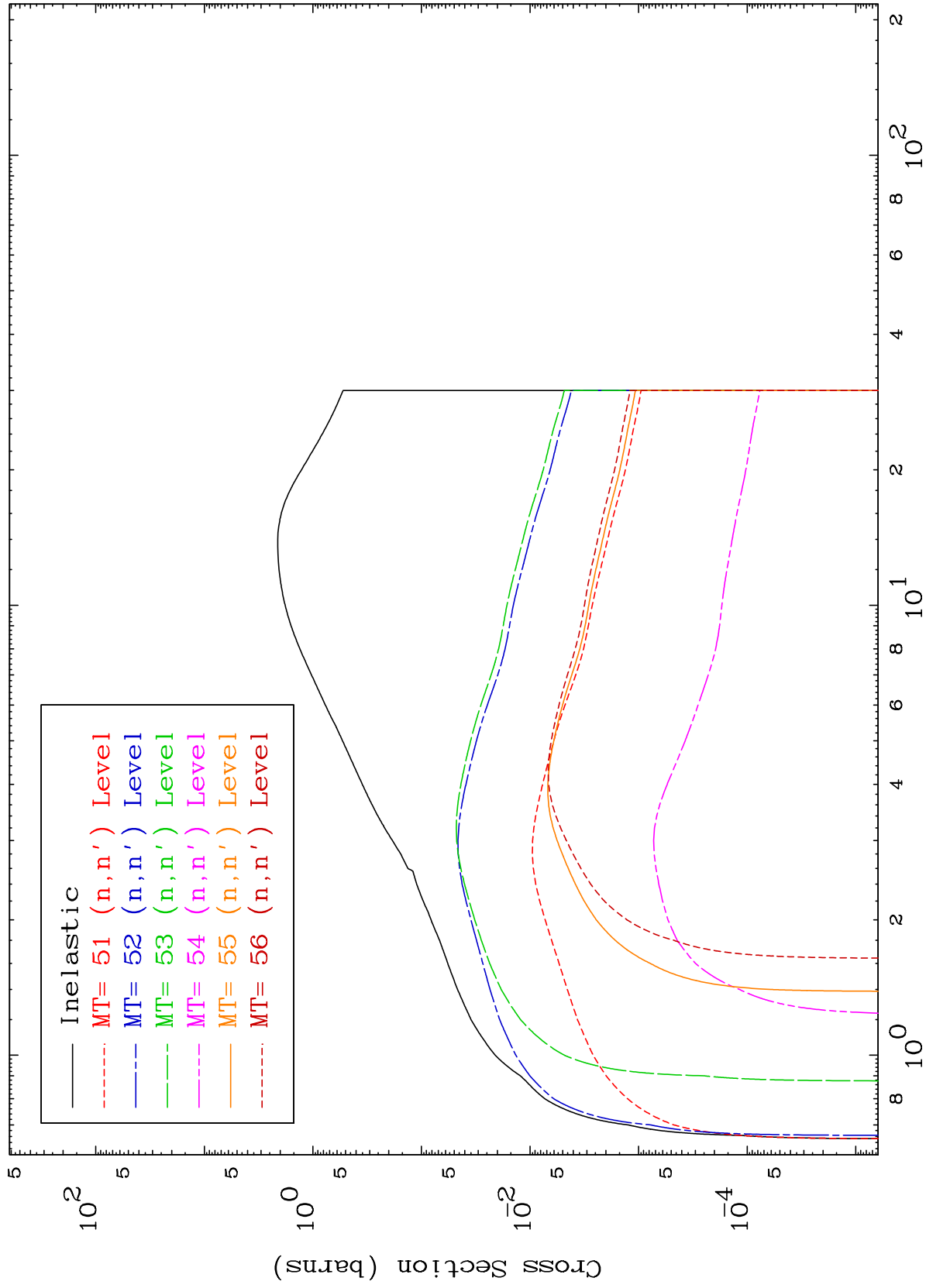
MAT 8525

293 Kelvin Cross Sections

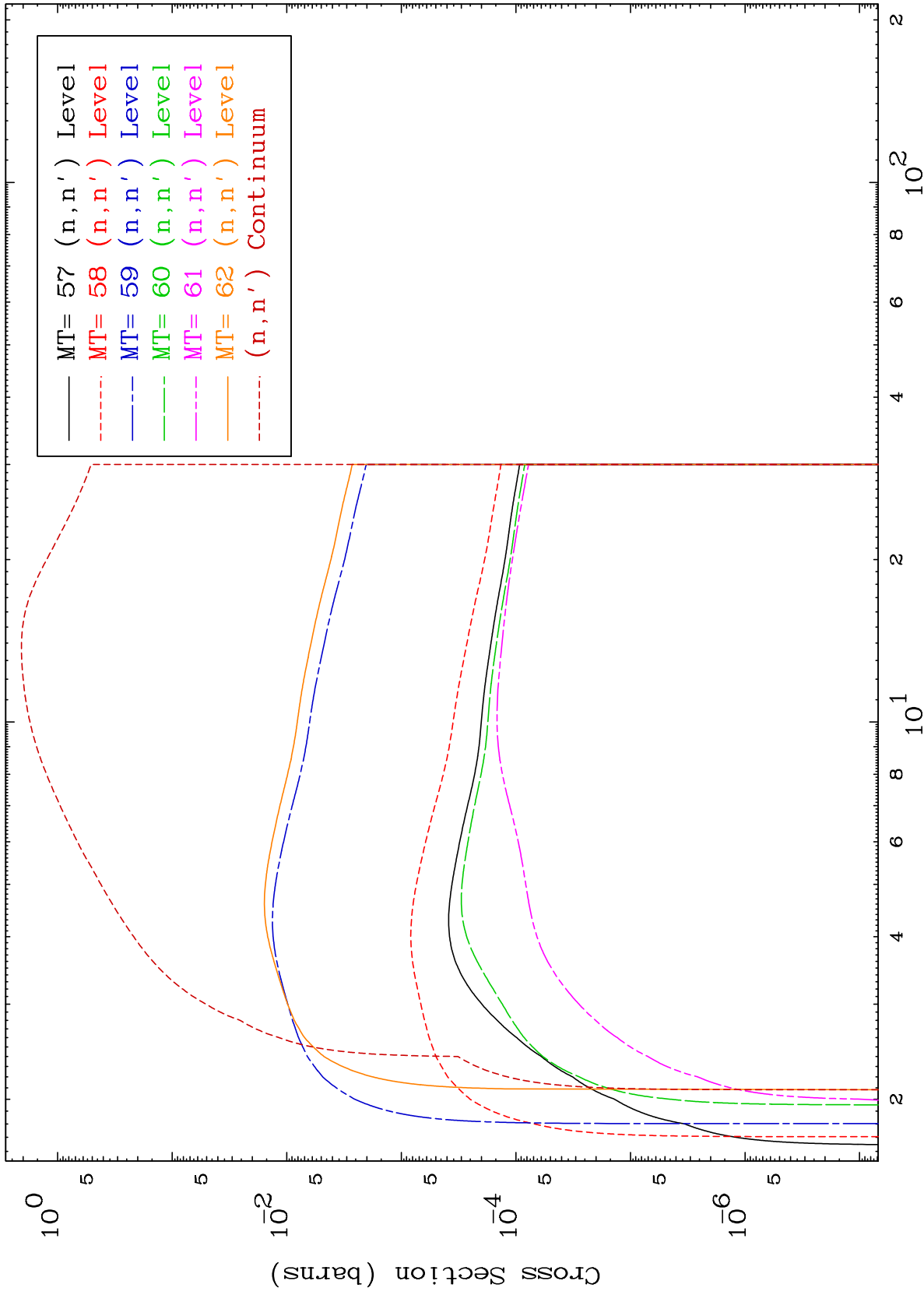
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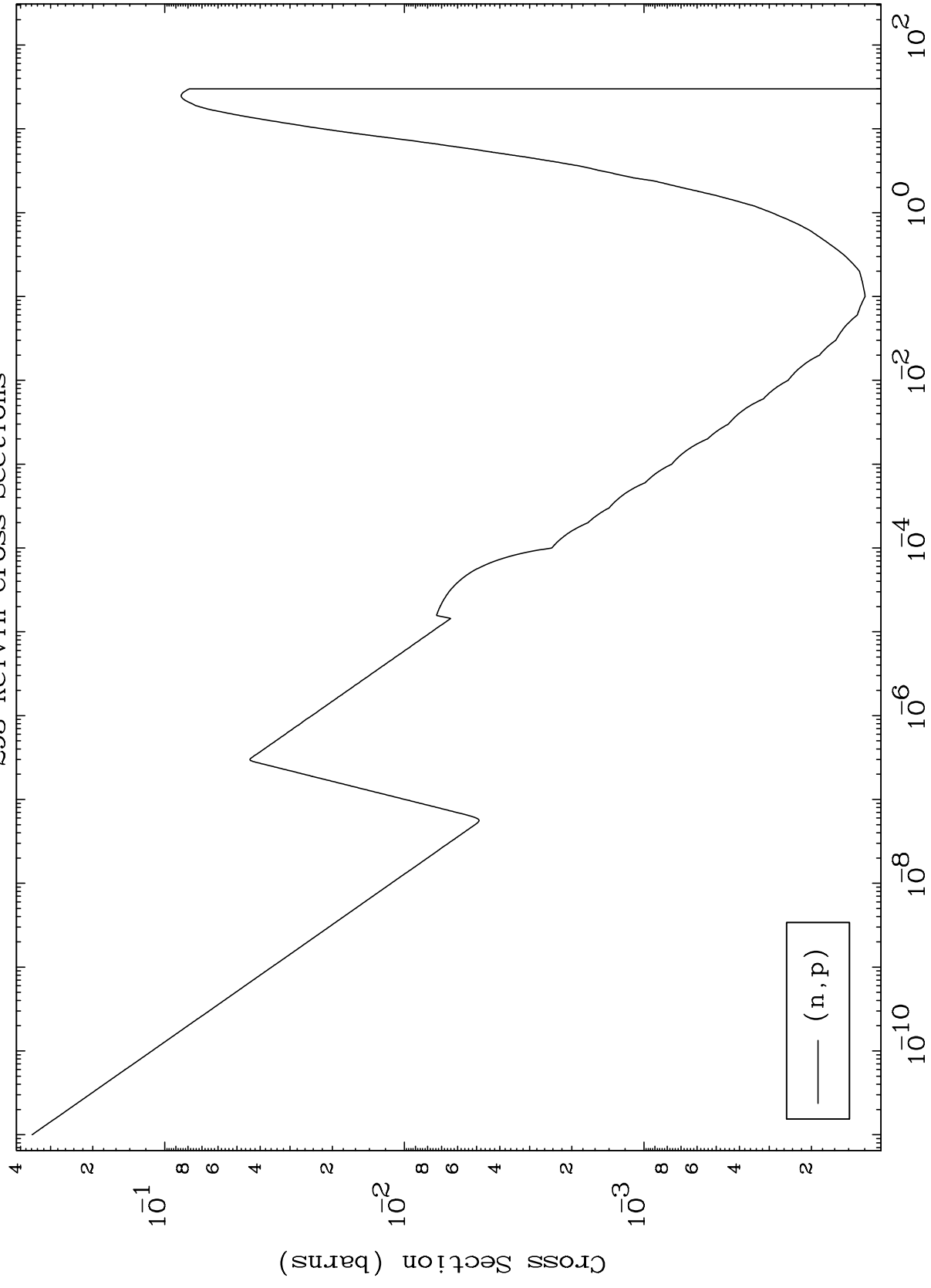




MAT 8525

(n,p) Levels  
293 Kelvin Cross Sections

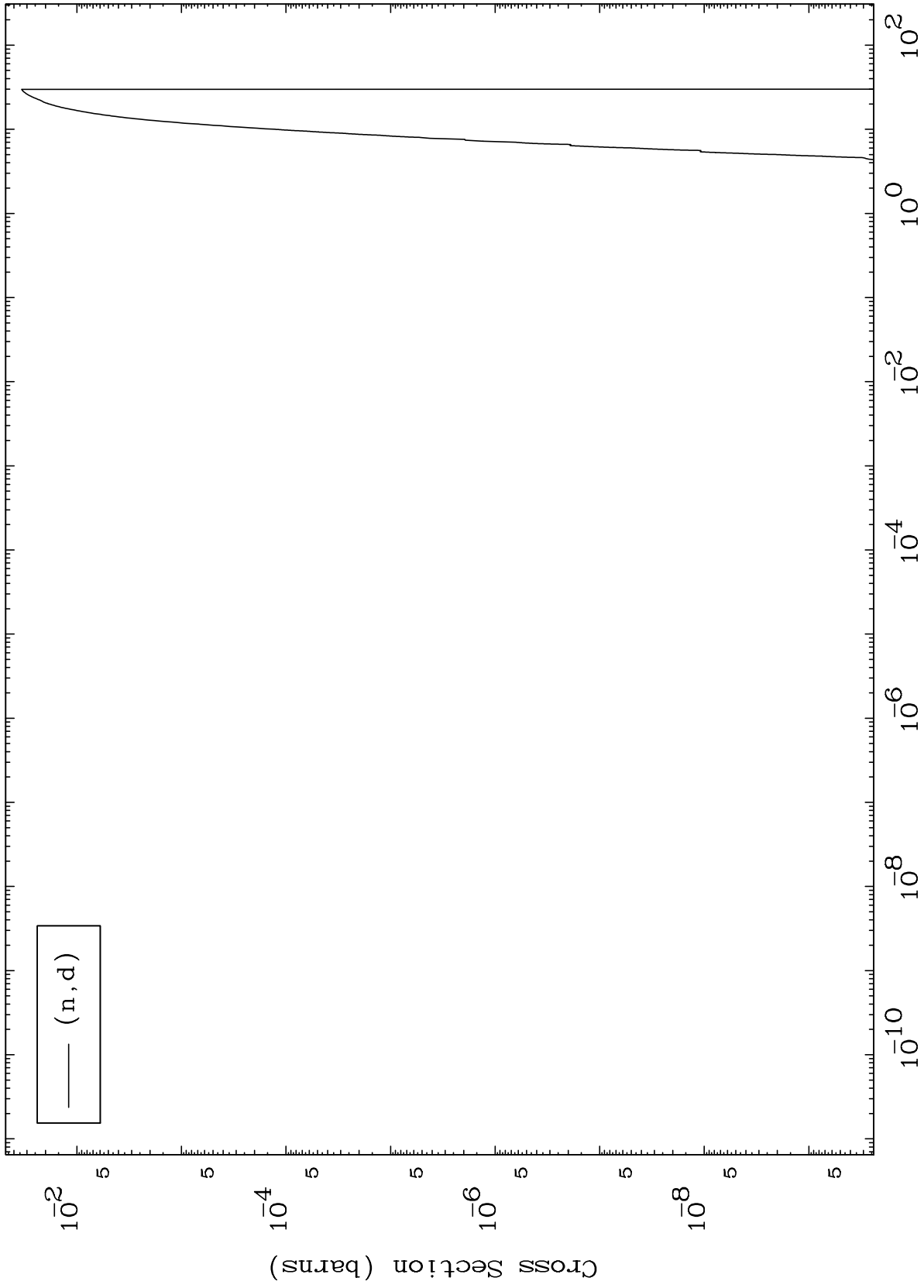
85-At-203



MAT 8525

(n,d) Levels  
293 Kelvin Cross Sections

85-At-203



10

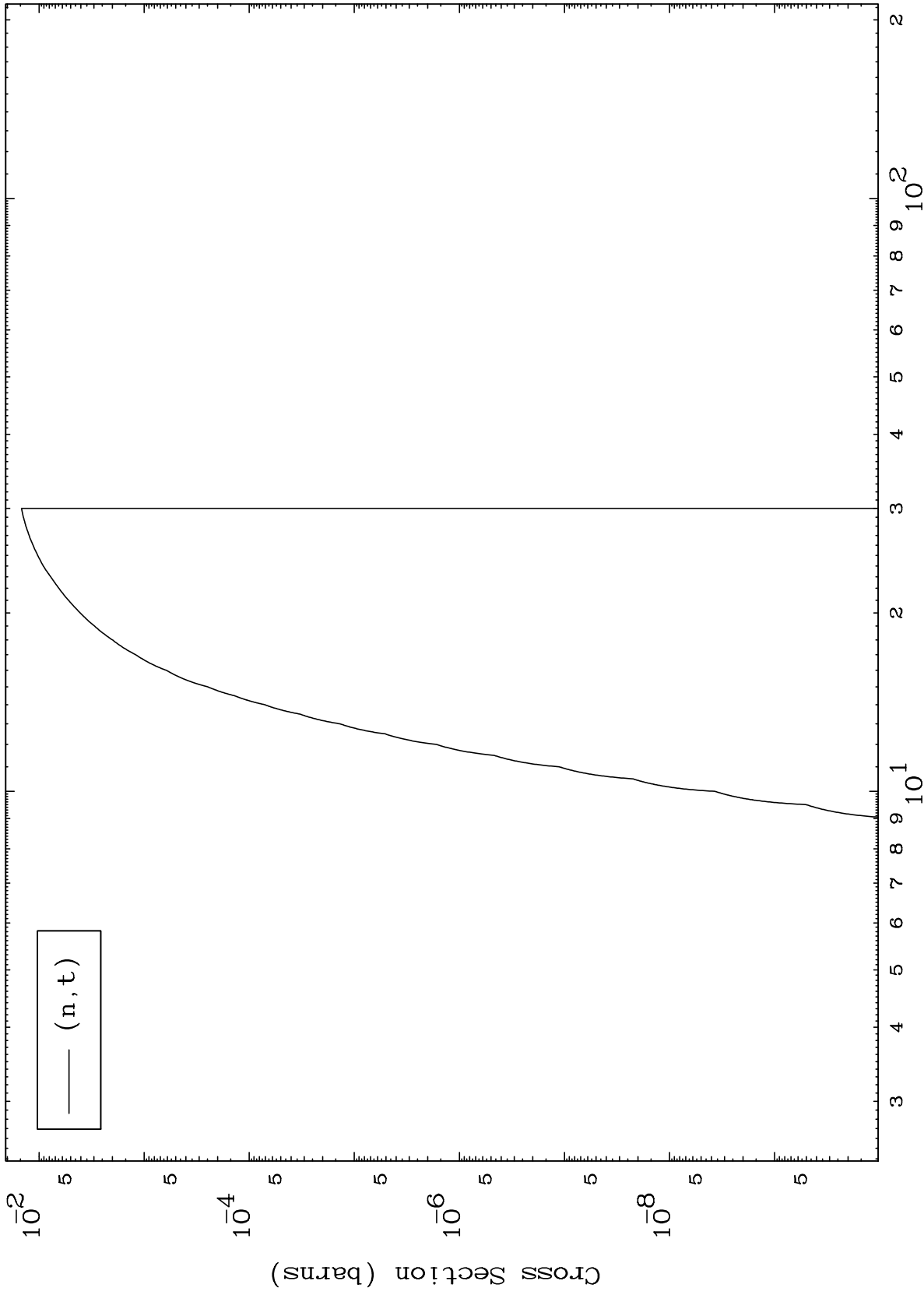
Incident Energy (MeV)

85-At-203

MAT 8525

(n,t) Levels  
293 Kelvin Cross Sections

85-At-203



11

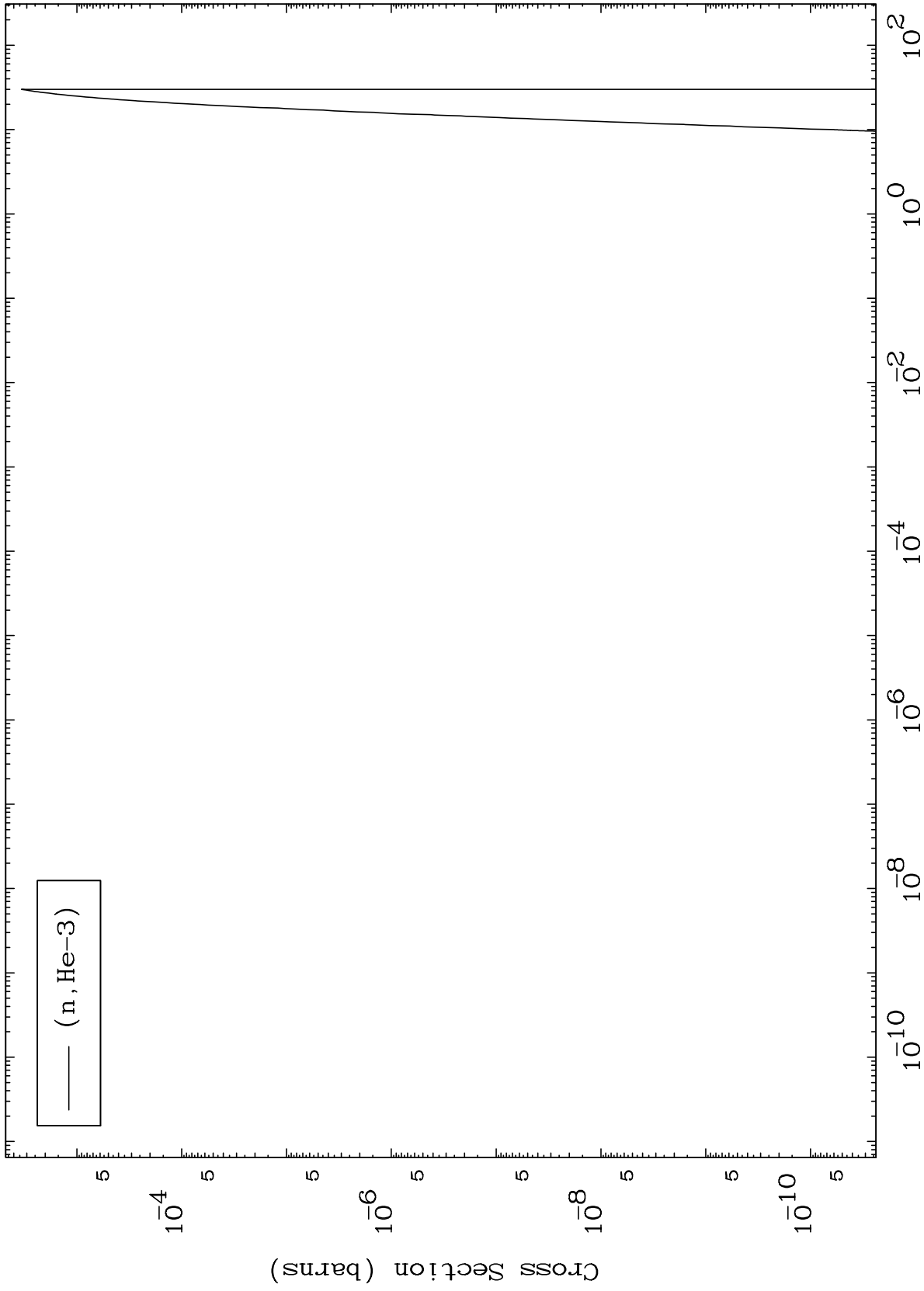
Incident Energy (MeV)

85-At-203

MAT 8525

(n,He3) Levels  
293 Kelvin Cross Sections

85-At-203



12

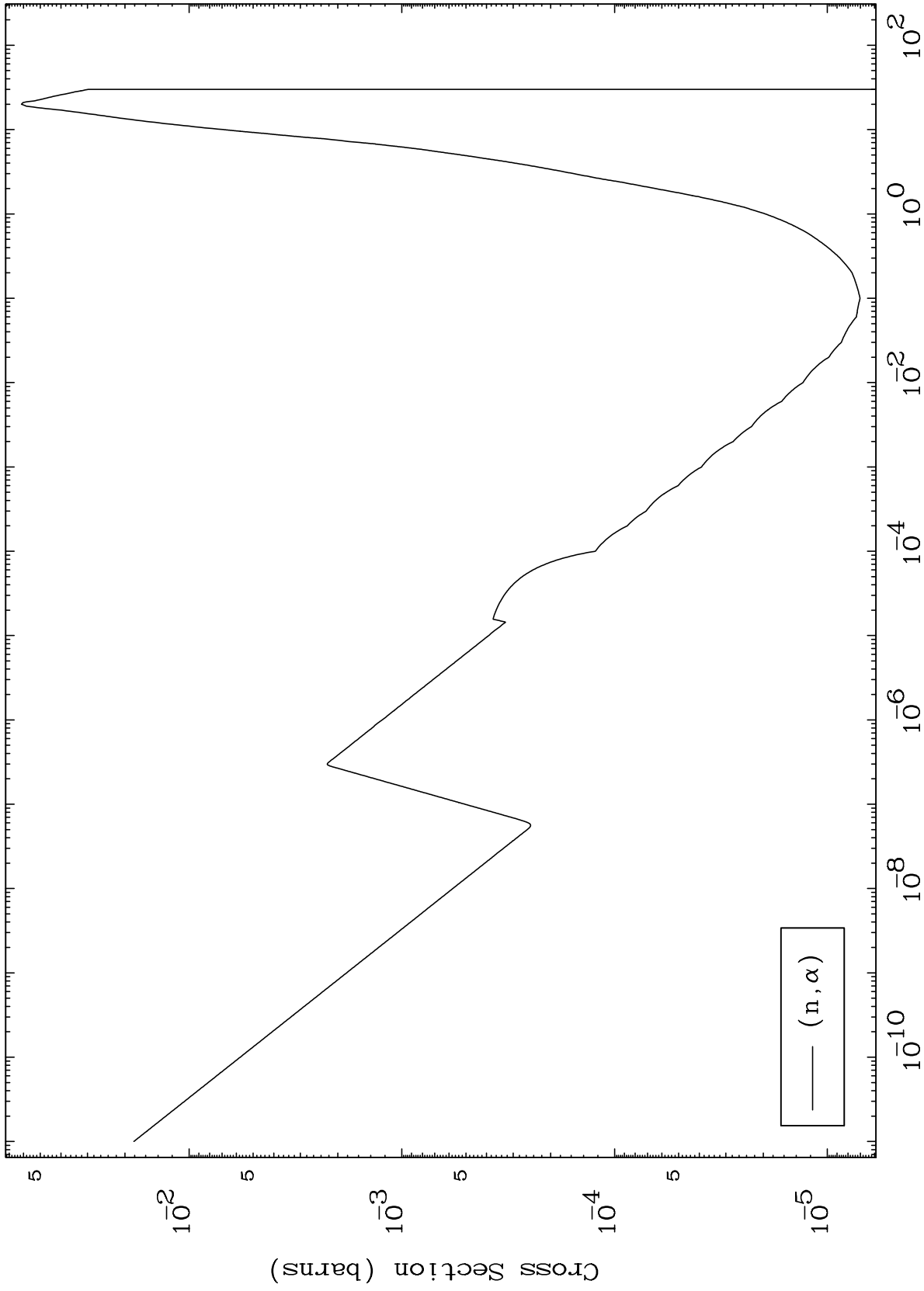
Incident Energy (MeV)

85-At-203

MAT 8525

(n,α) Levels  
293 Kelvin Cross Sections

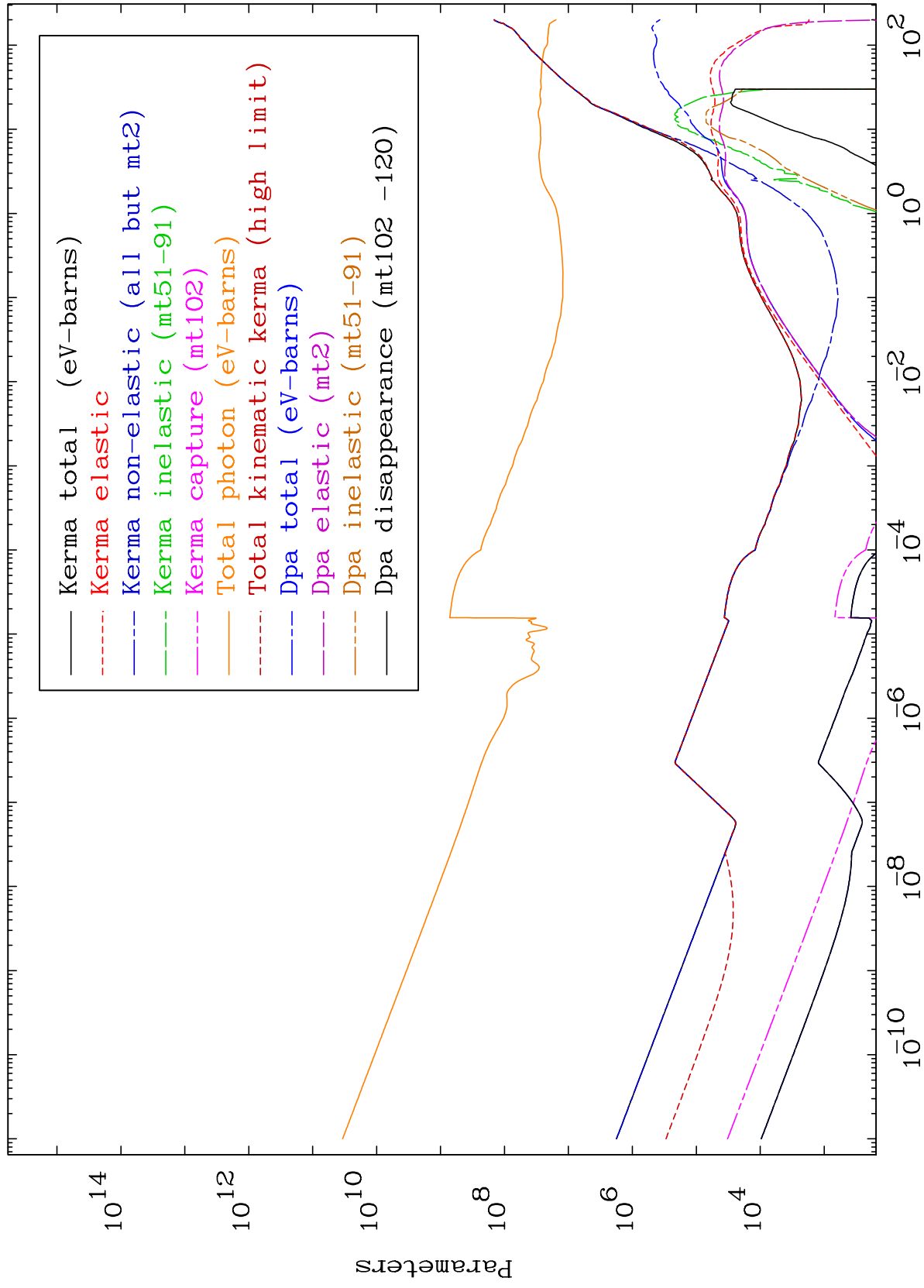
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13

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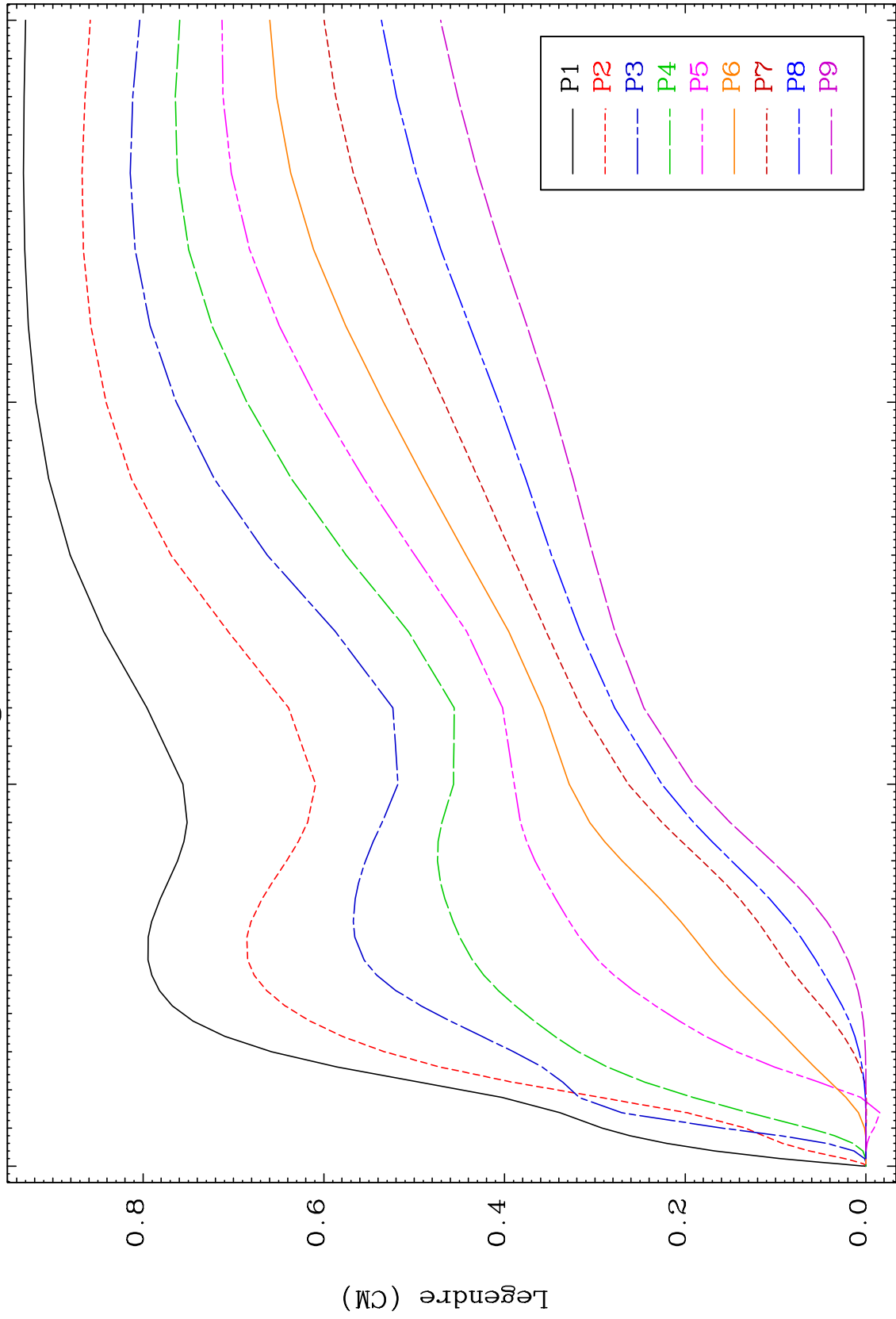
85-At-203



MAT 8525

Elastic Legendre Coefficients

85-At-203



0

15

10

20

30

Incident Energy (MeV)

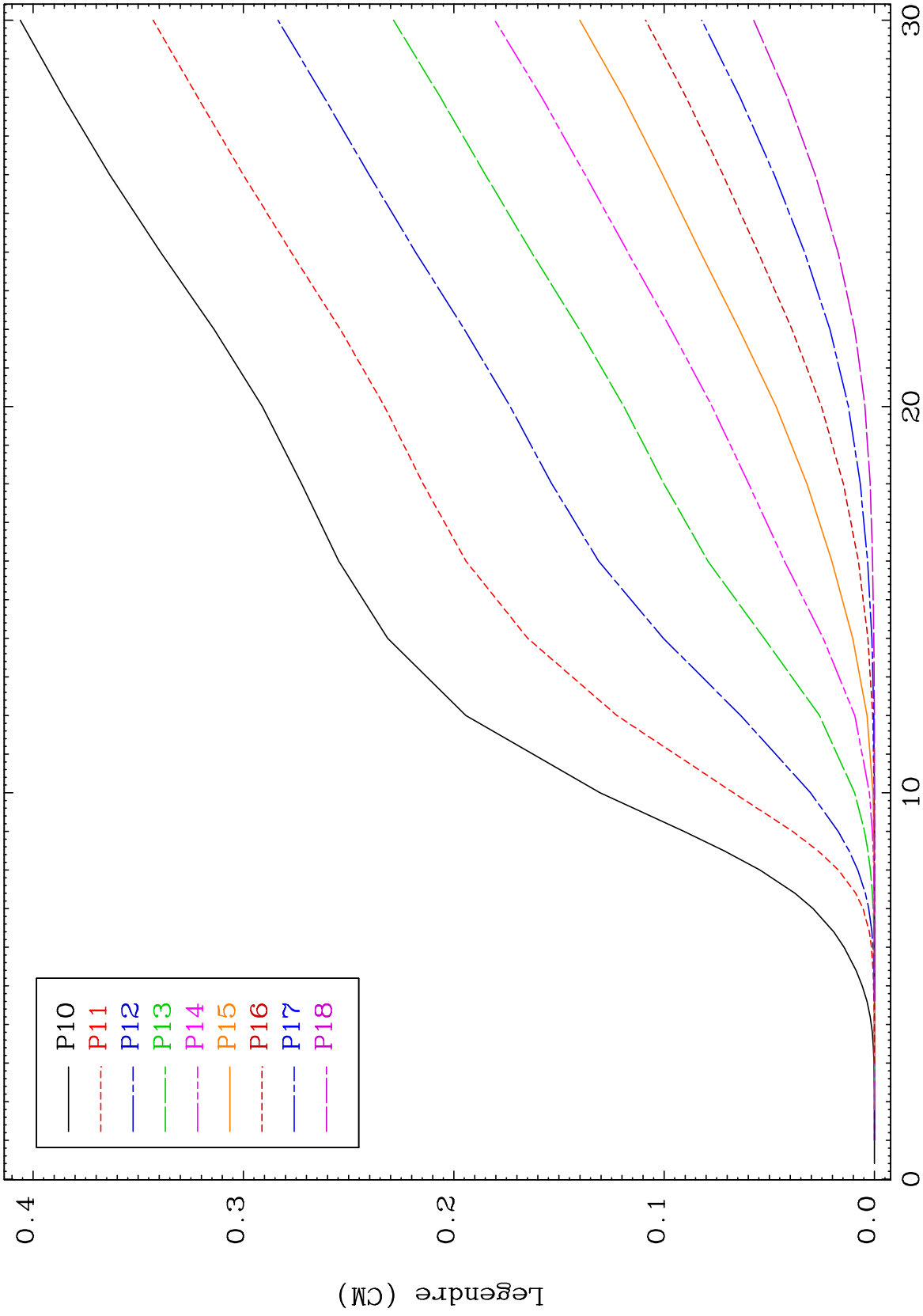
85-At-203



MAT 8525

Elastic Legendre Coefficients

85-At-203



16

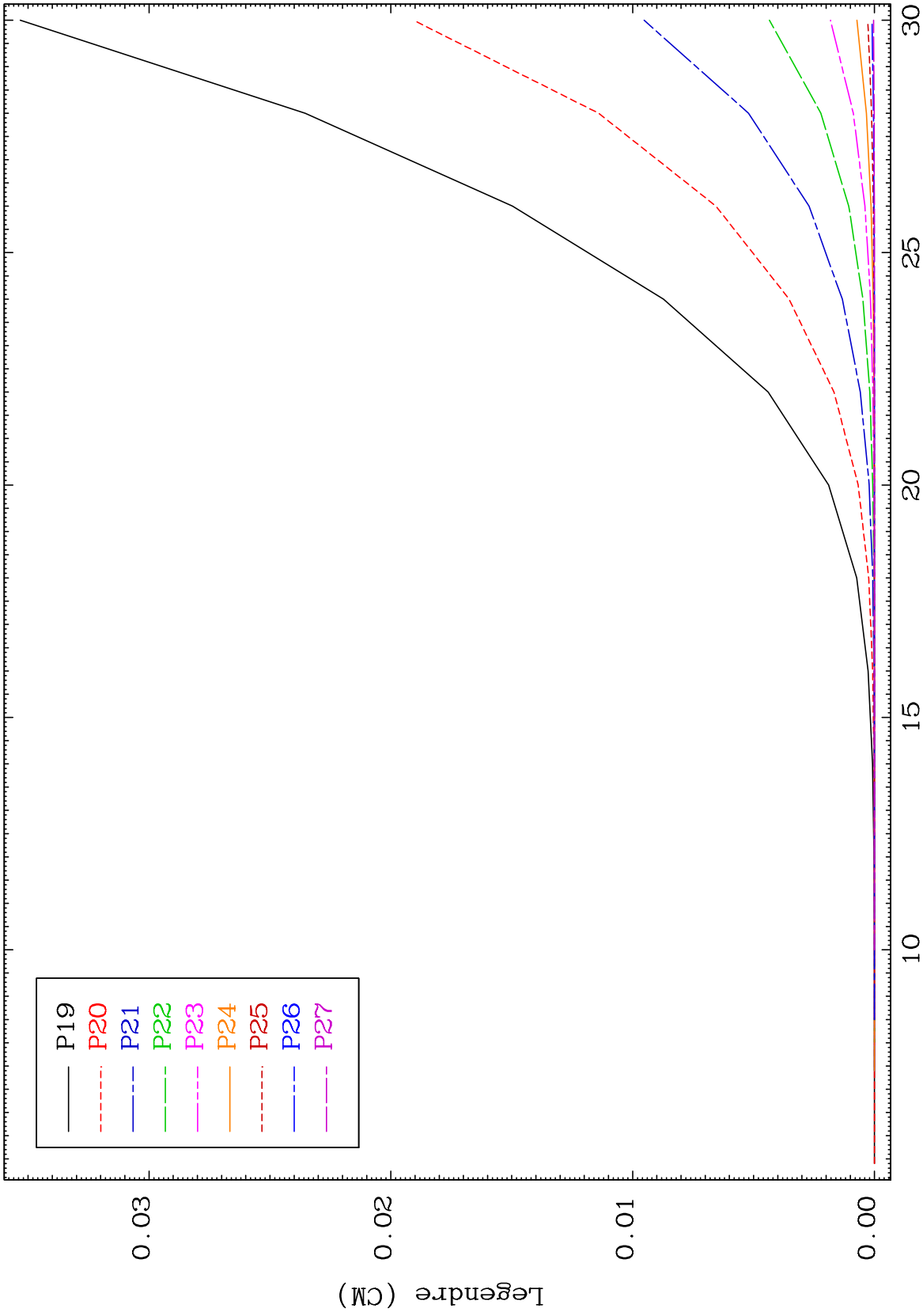
Incident Energy (MeV)

85-At-203

MAT 8525

Elastic Legendre Coefficients

85-At-203



17

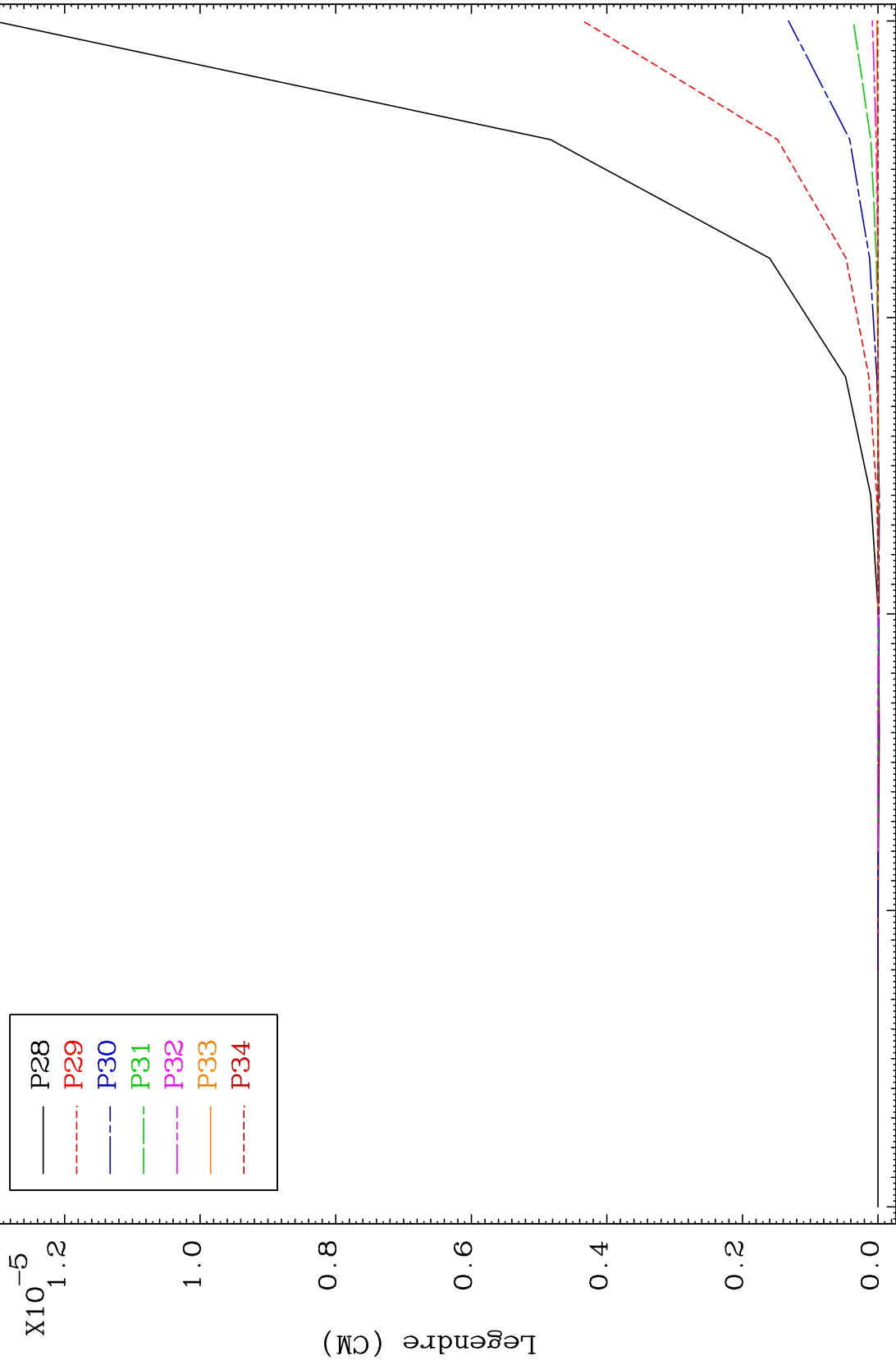
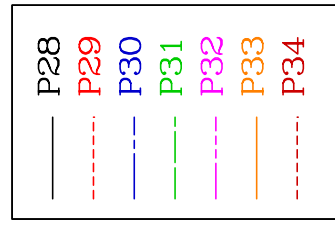
Incident Energy (MeV)

85-At-203

MAT 8525

Elastic Legendre Coefficients

85-At-203



10

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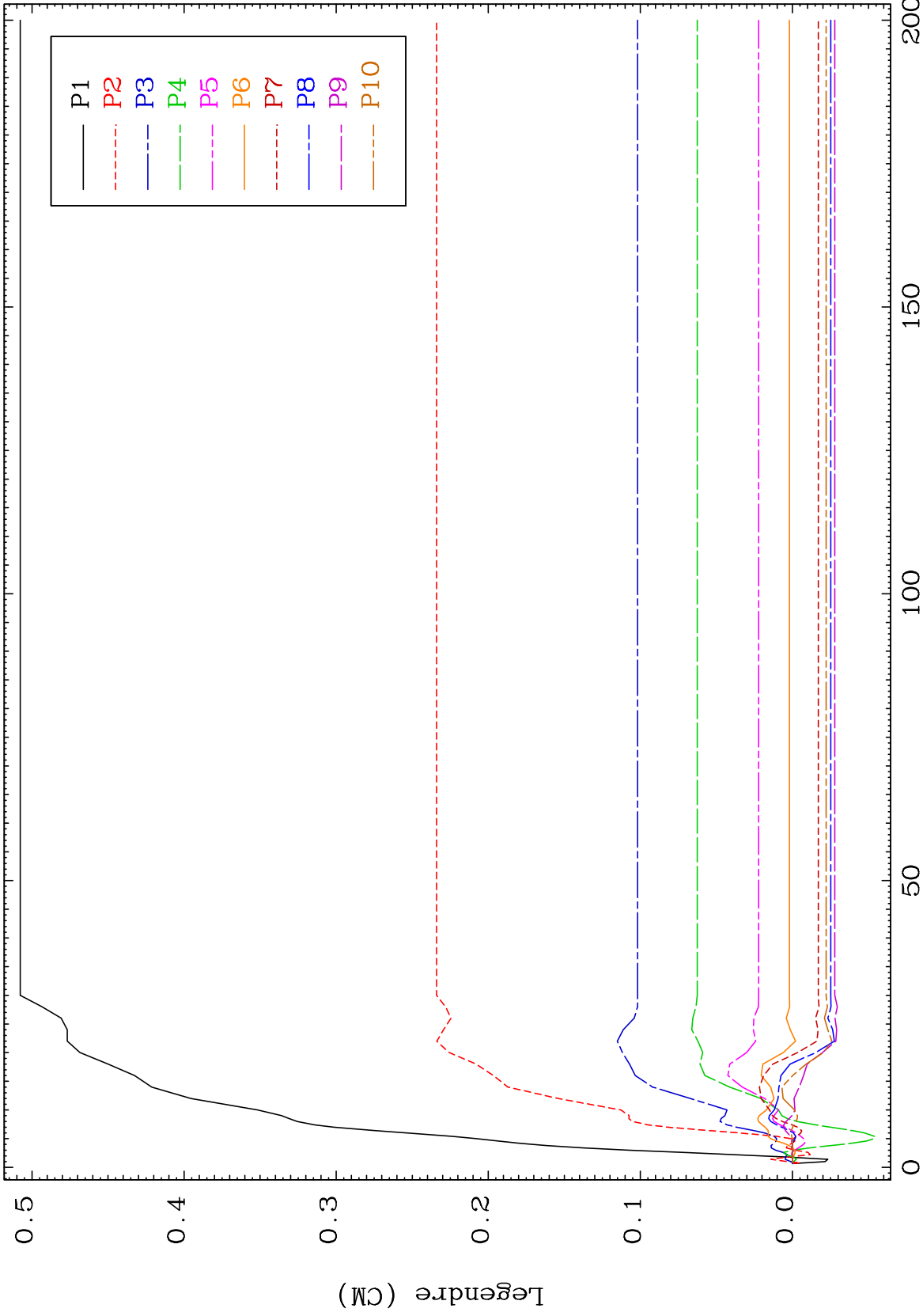
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



19

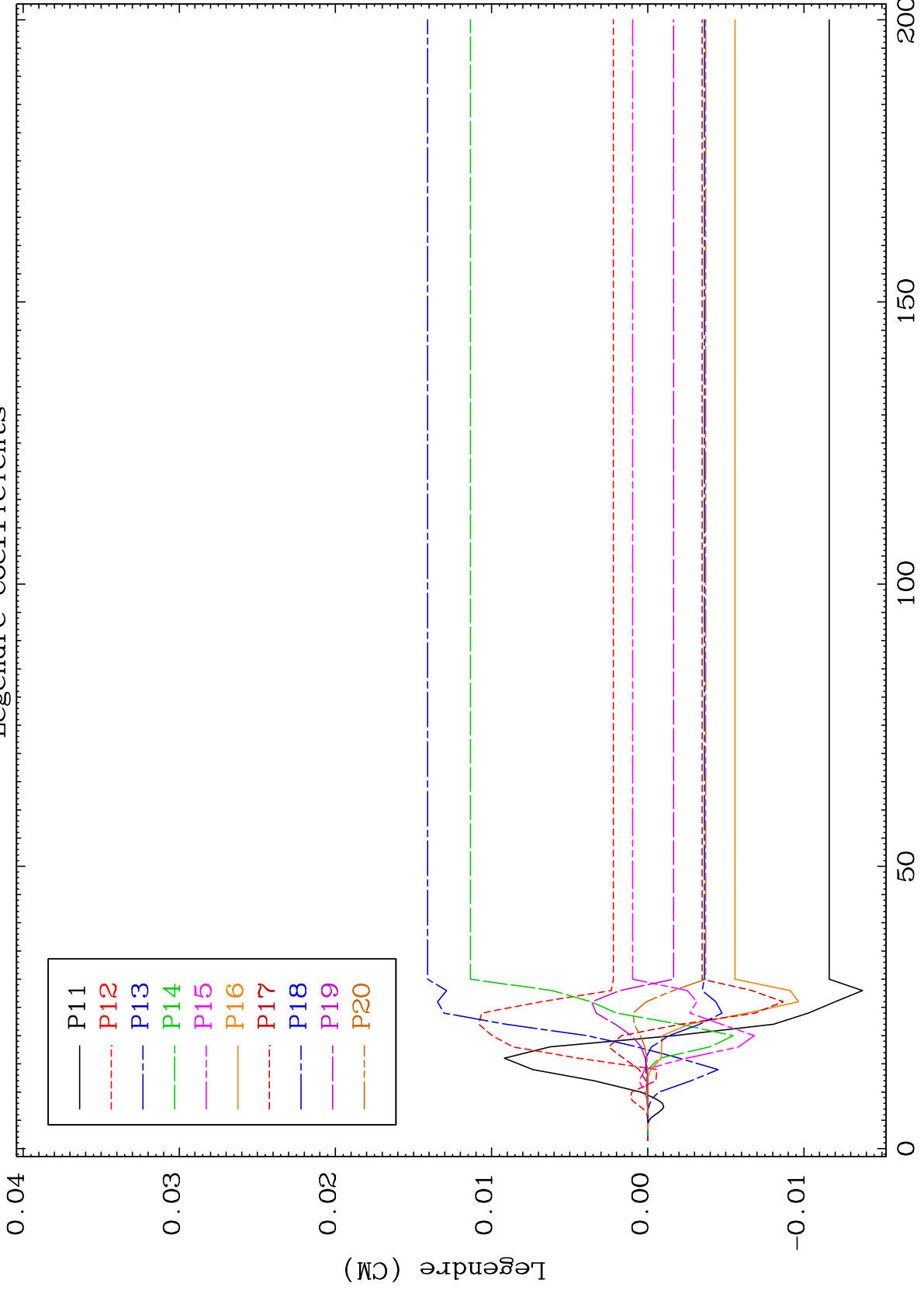
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



20

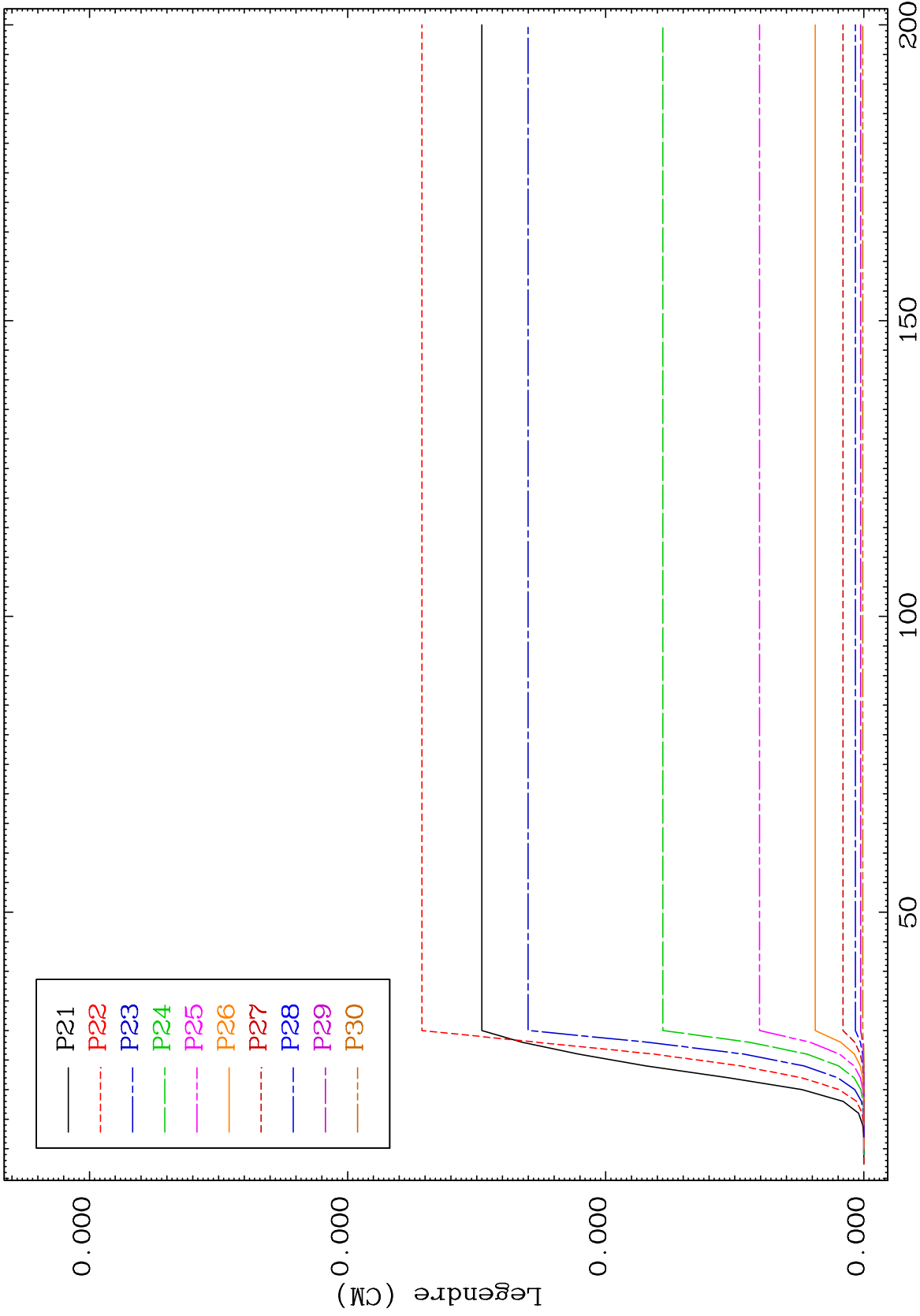
Incident Energy (MeV)

85-At-203

MAT 8525

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

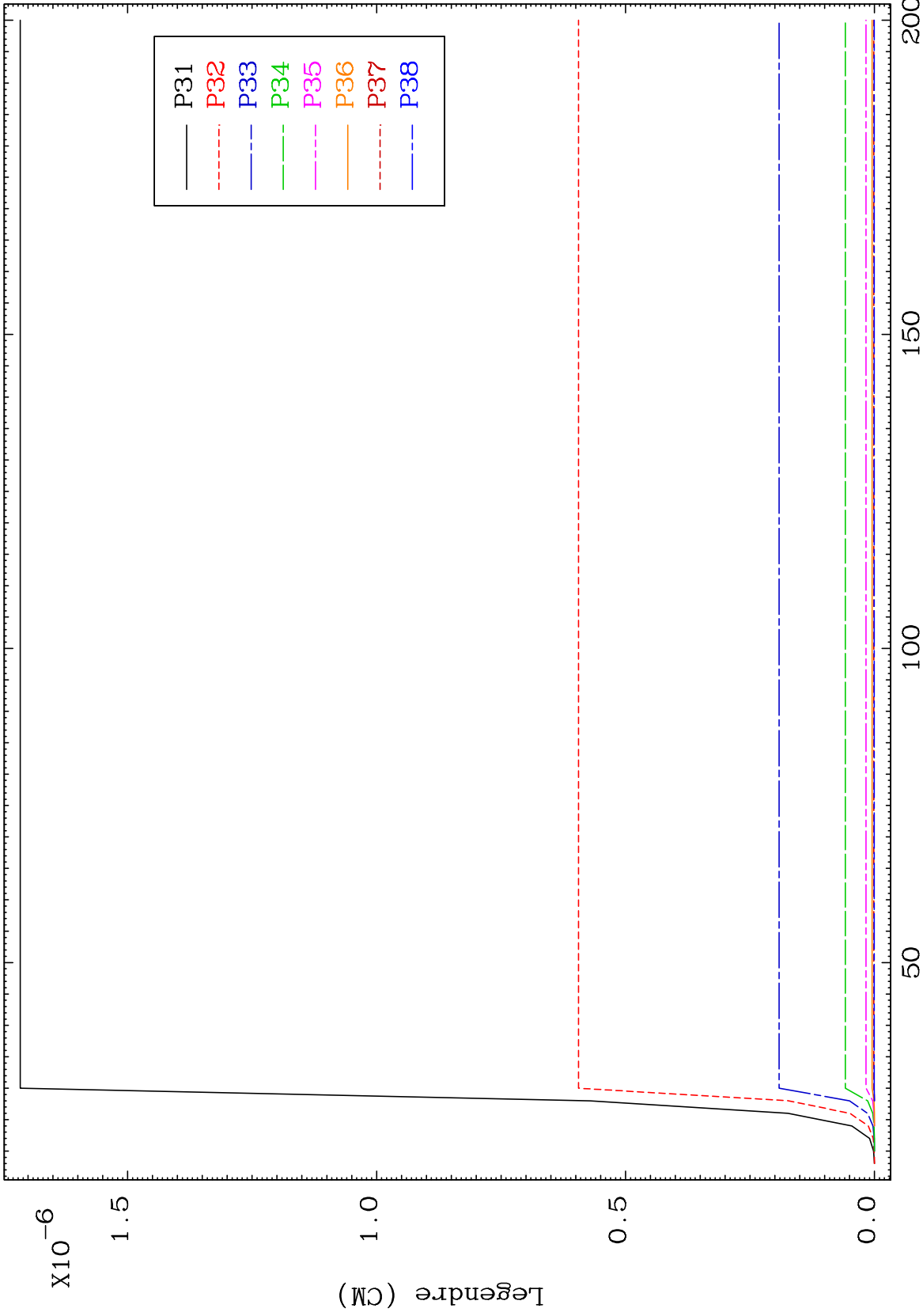
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MAT 8525

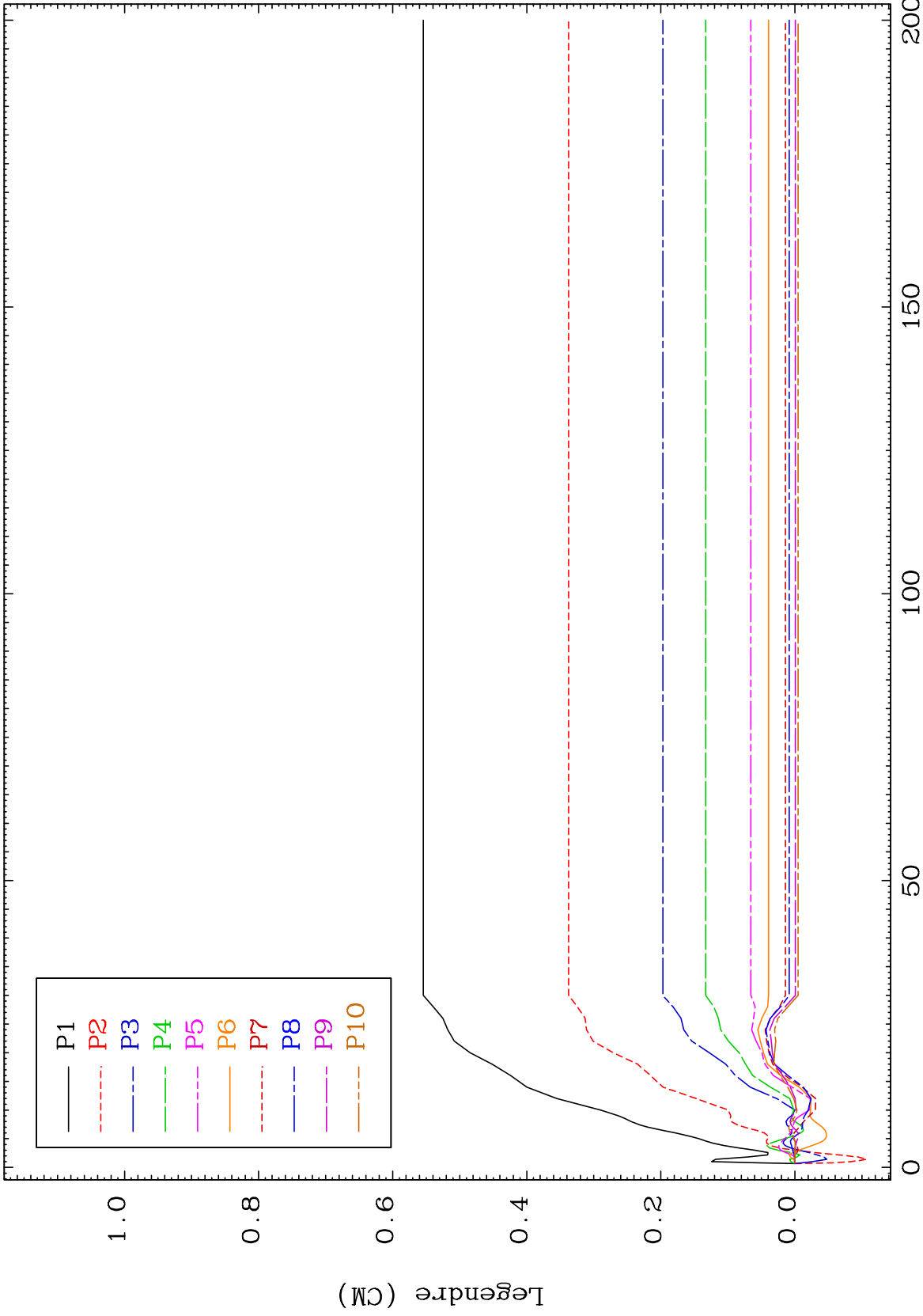
MT= 51 (n,n') Level  
Legendre Coefficients

85-At-203



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85-At-203

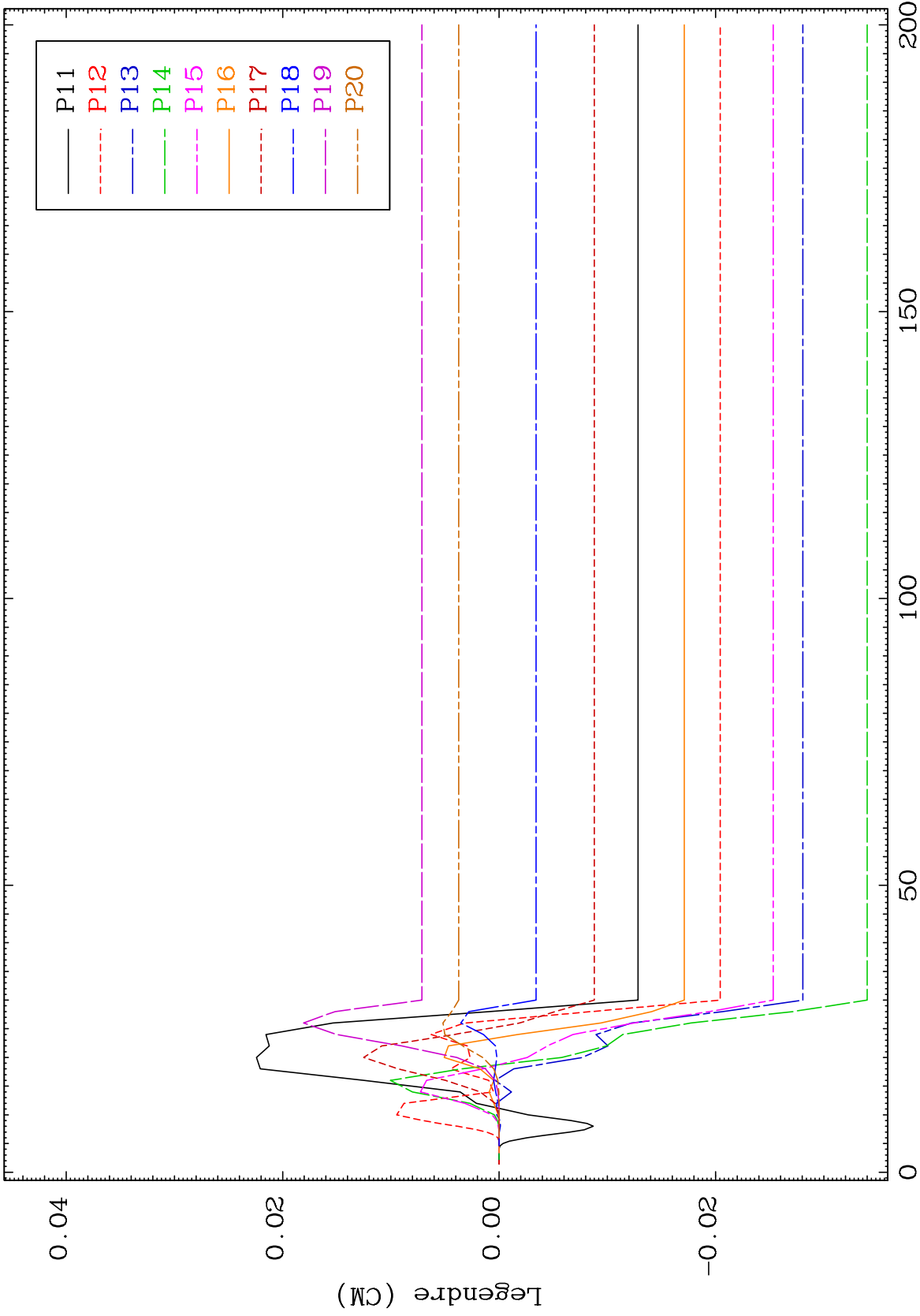




MAT 8525

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

85-At-203



24

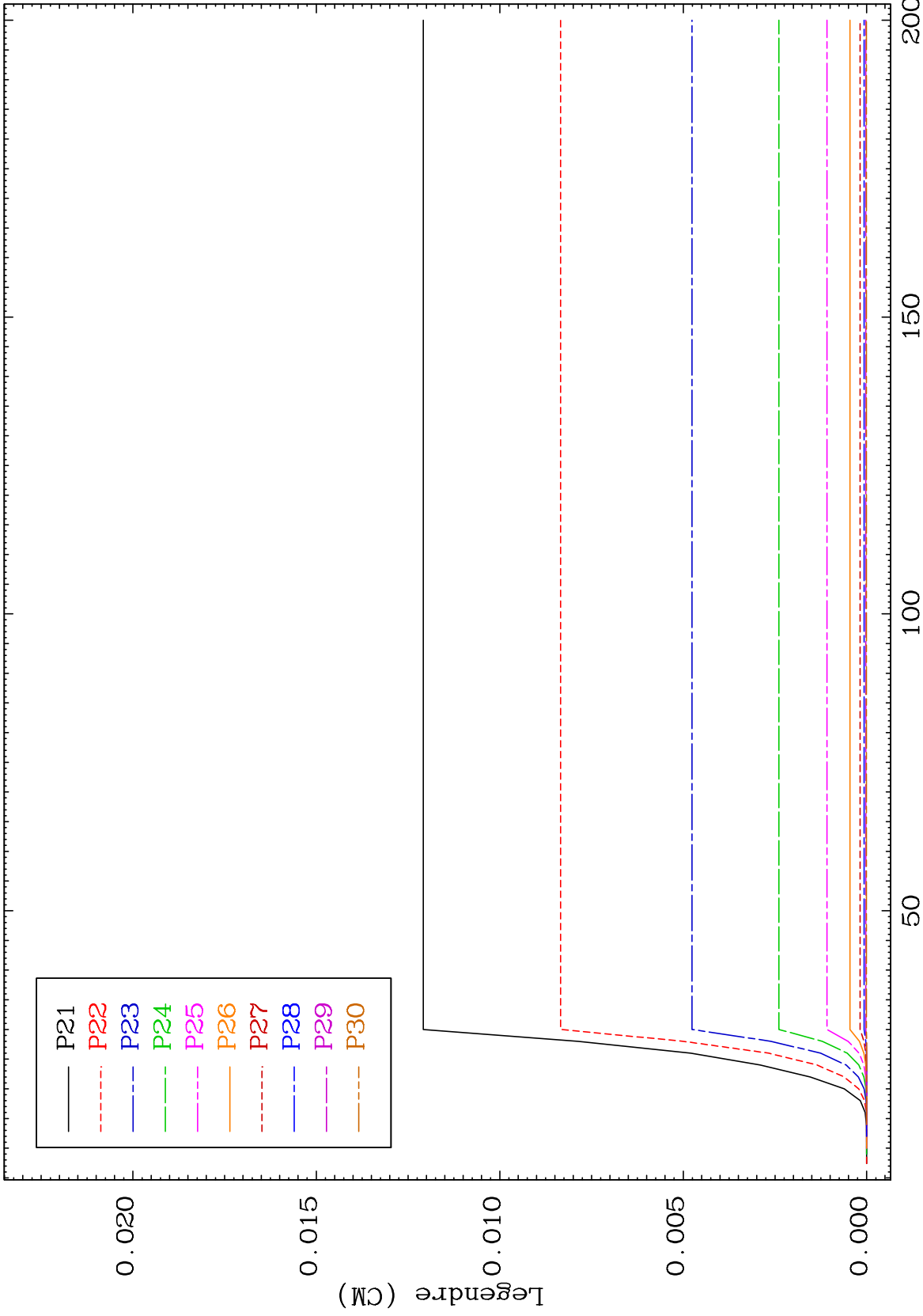
Incident Energy (MeV)

85-At-203

MAT 8525

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

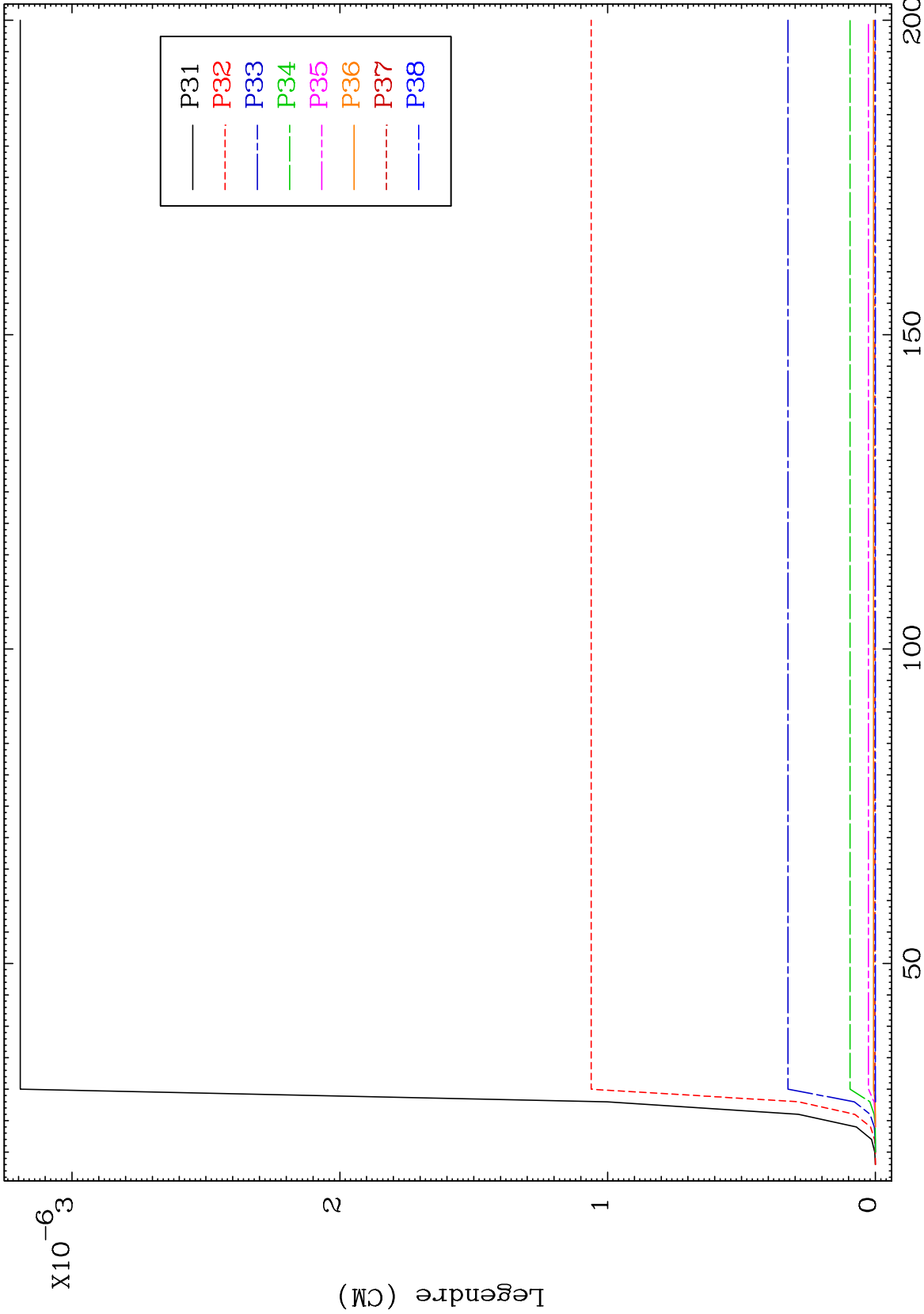
85-At-203



25

Incident Energy (MeV)

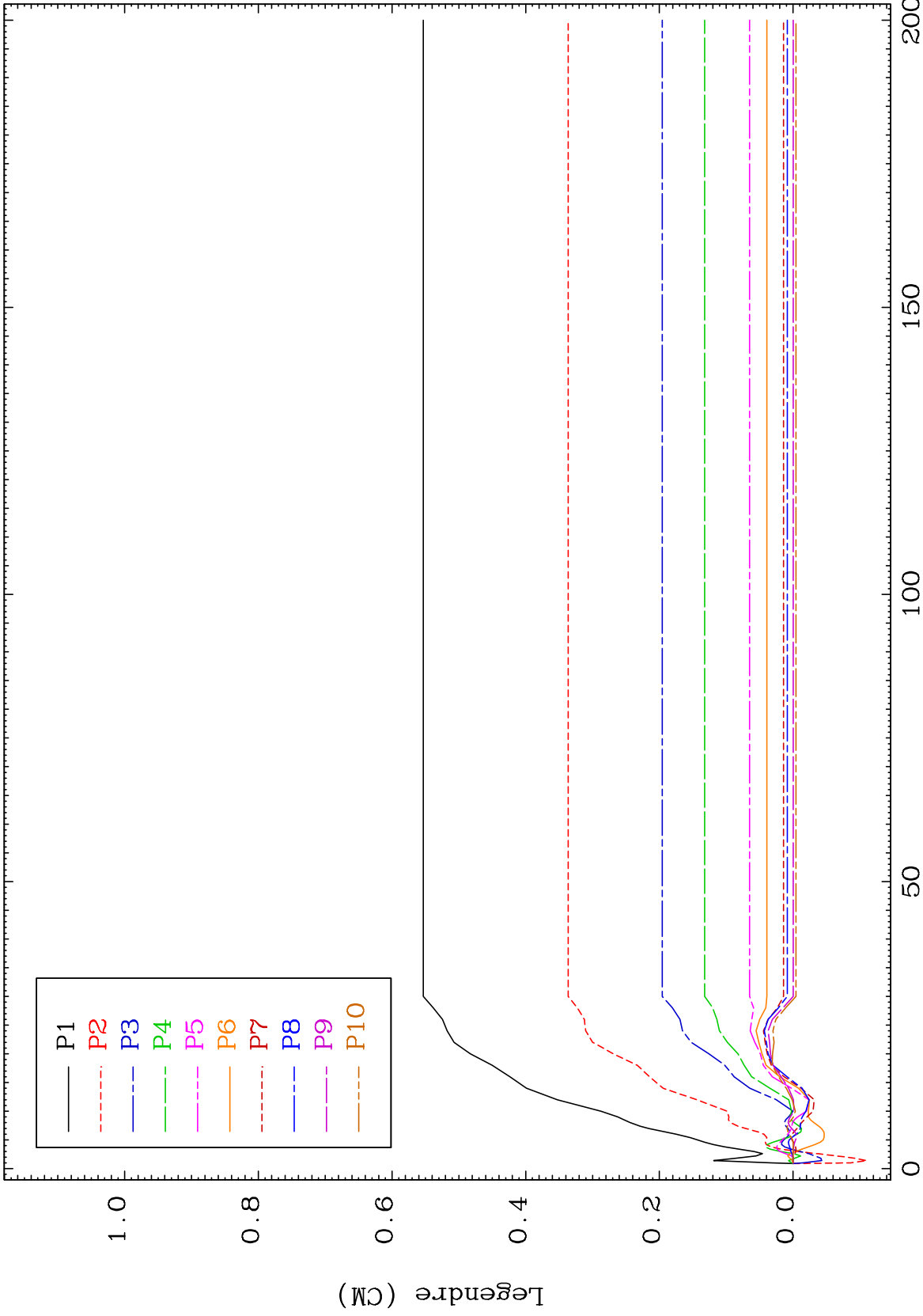
85-At-203



MAT 8525

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

85-At-203



27

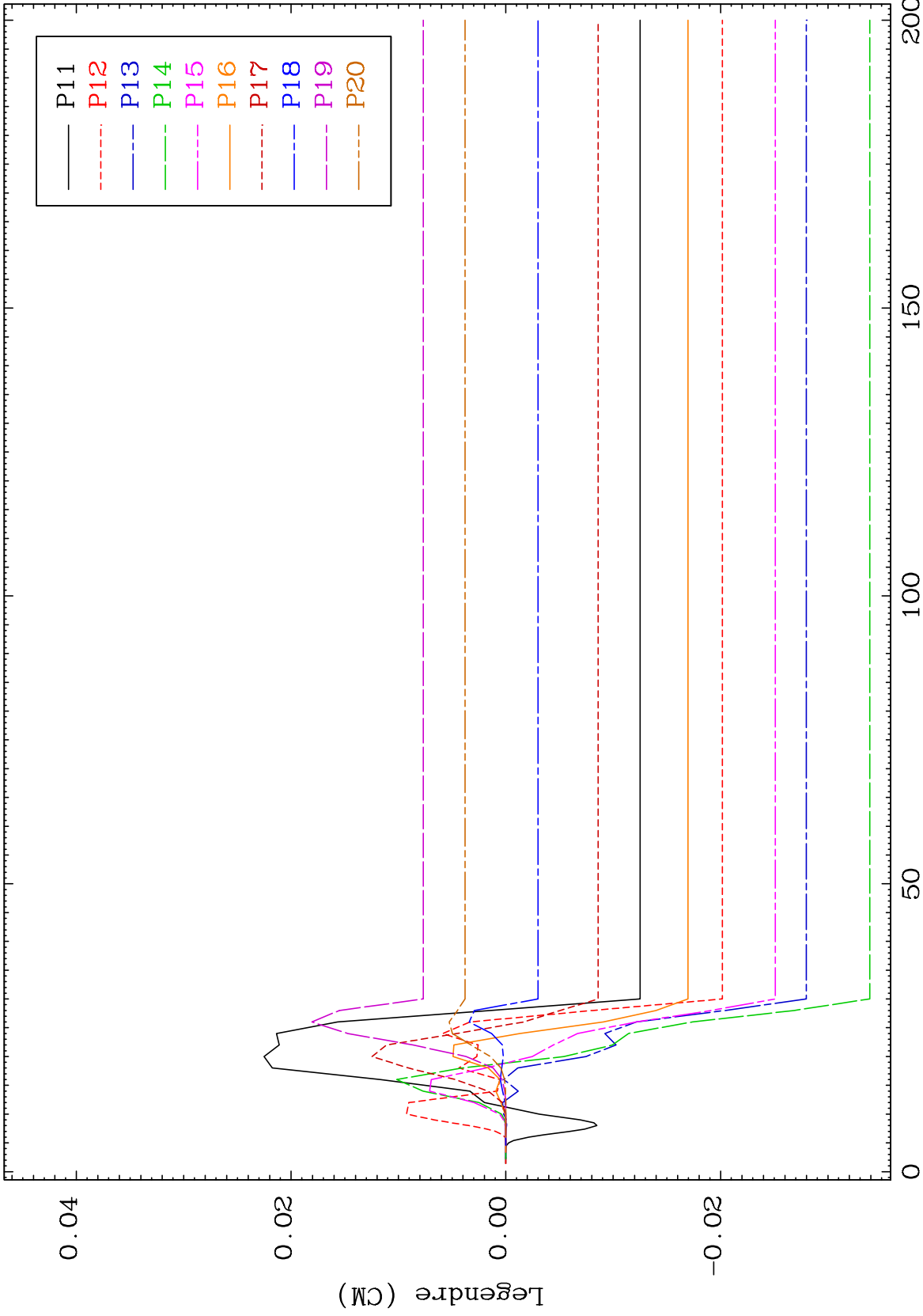
Incident Energy (MeV)

85-At-203

MAT 8525

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

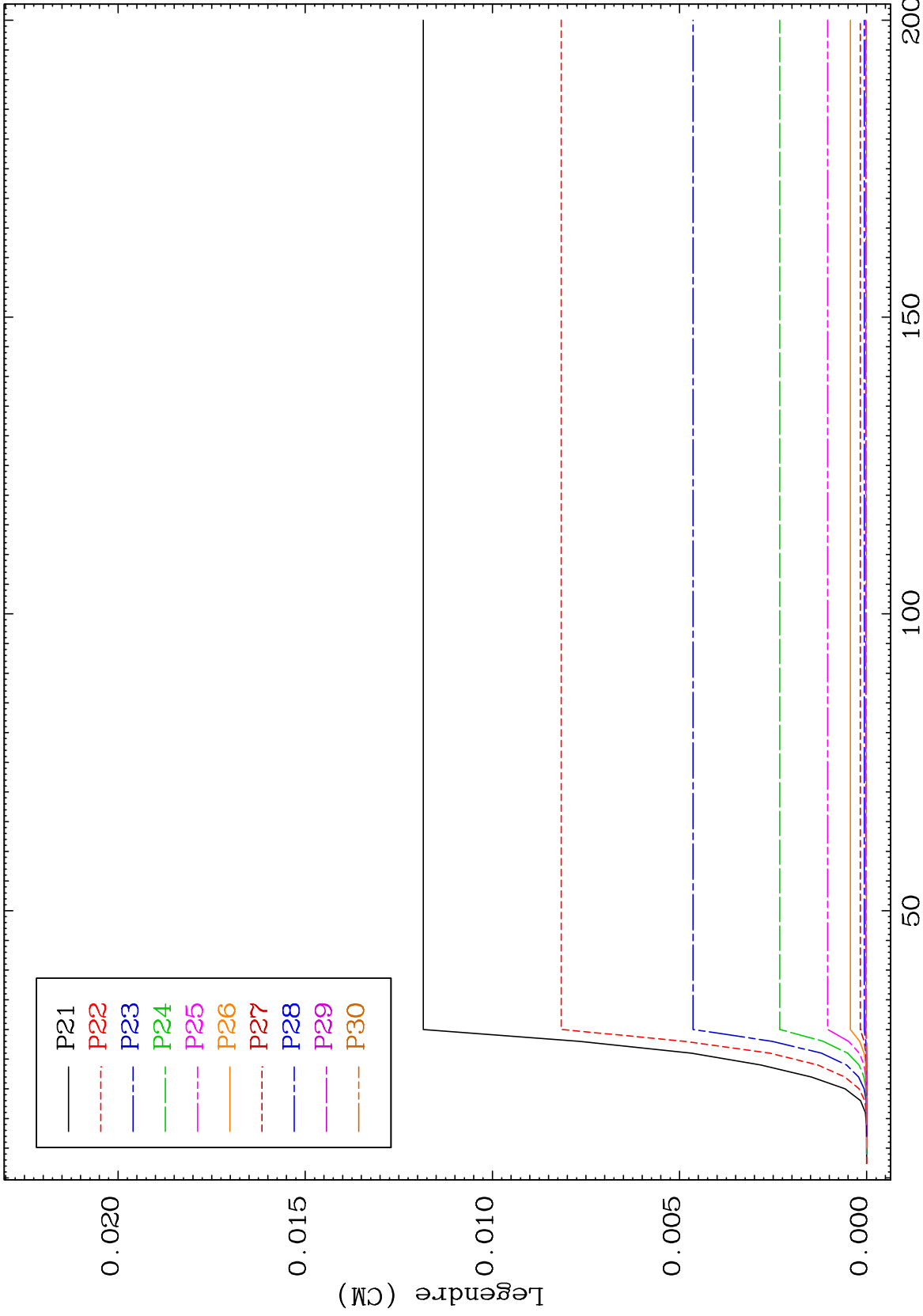
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Incident Energy (MeV)

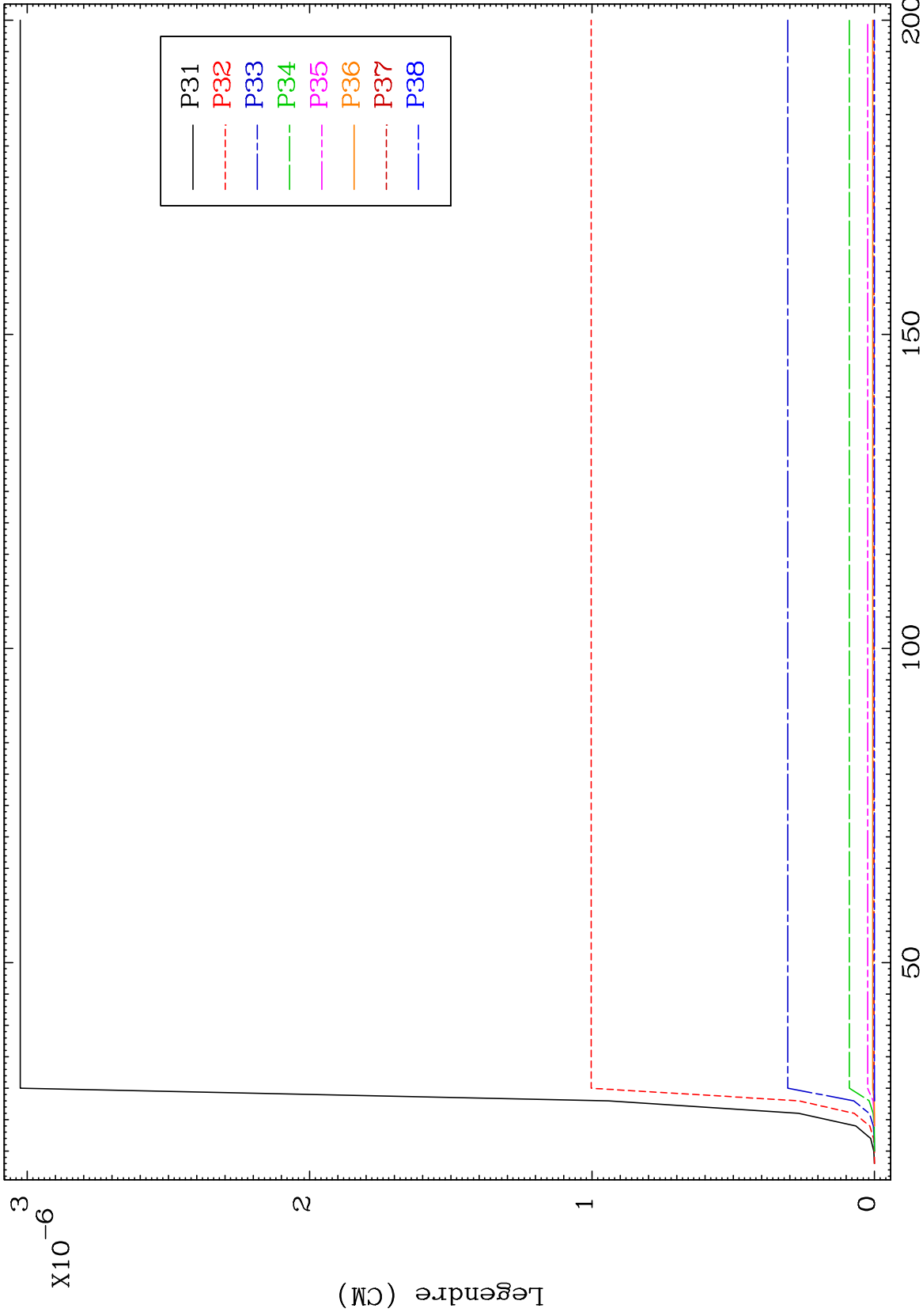
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MAT 8525

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

85-At-203



30

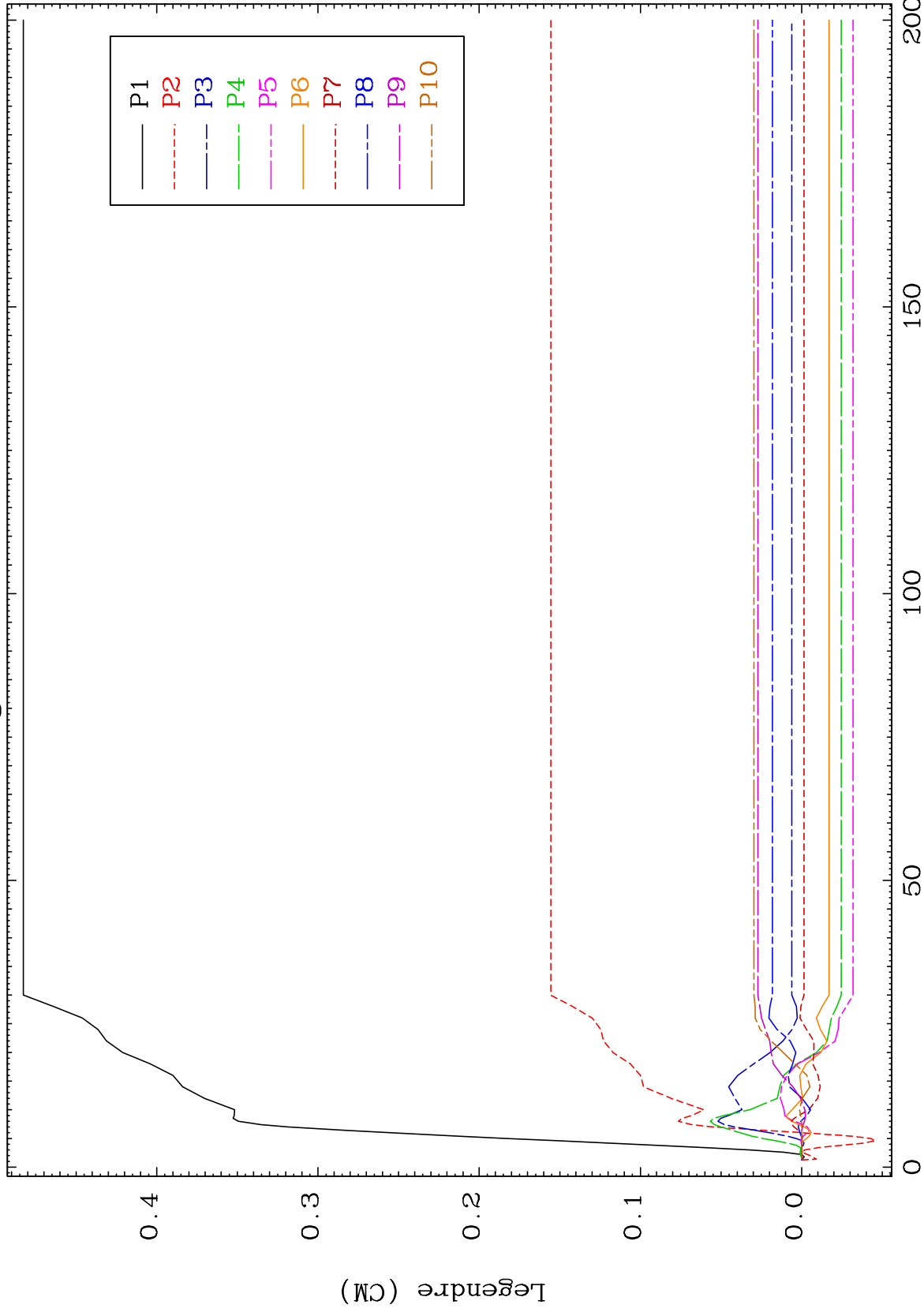
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



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Incident Energy (MeV)

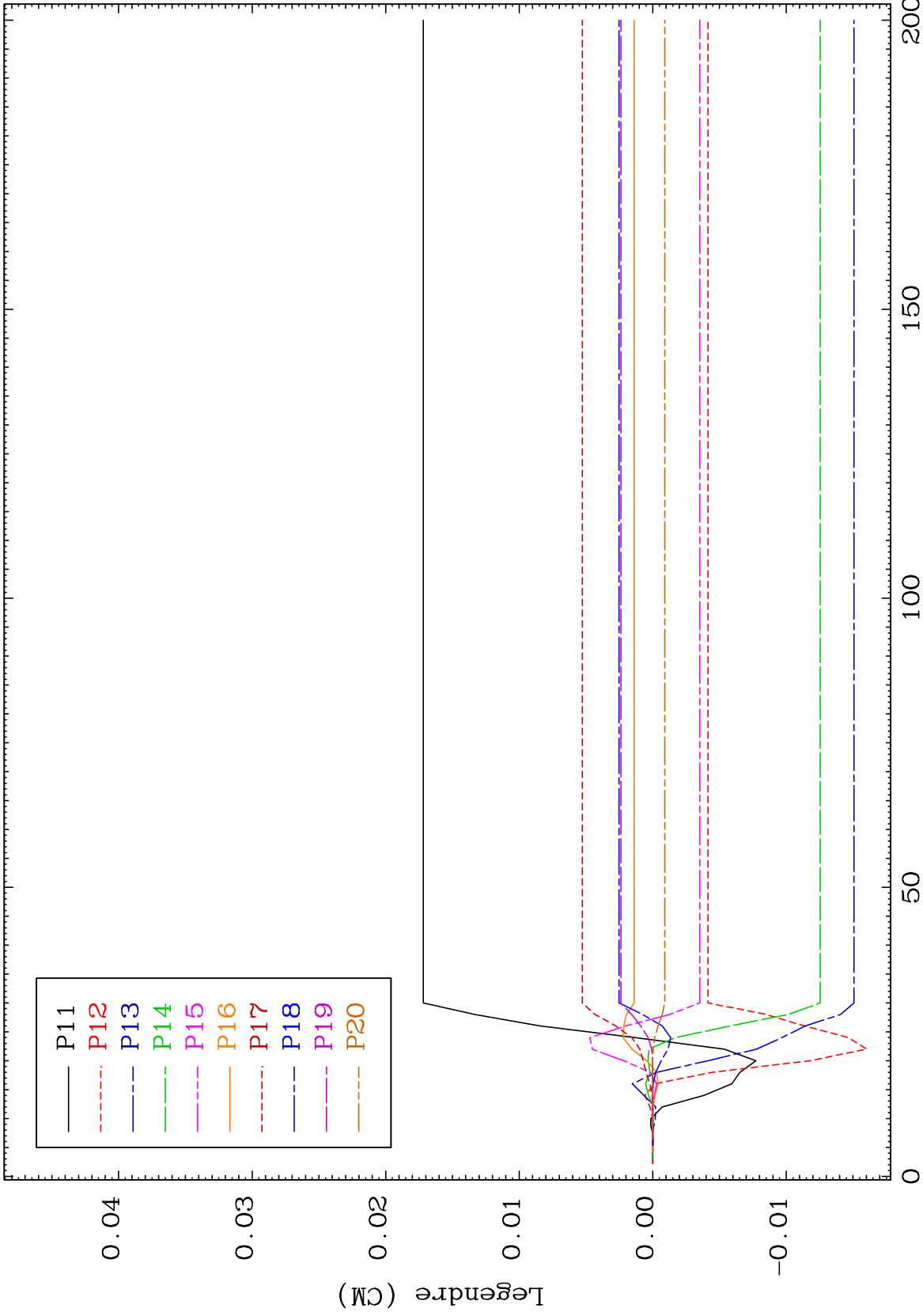
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MAT 8525

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

85-At-203



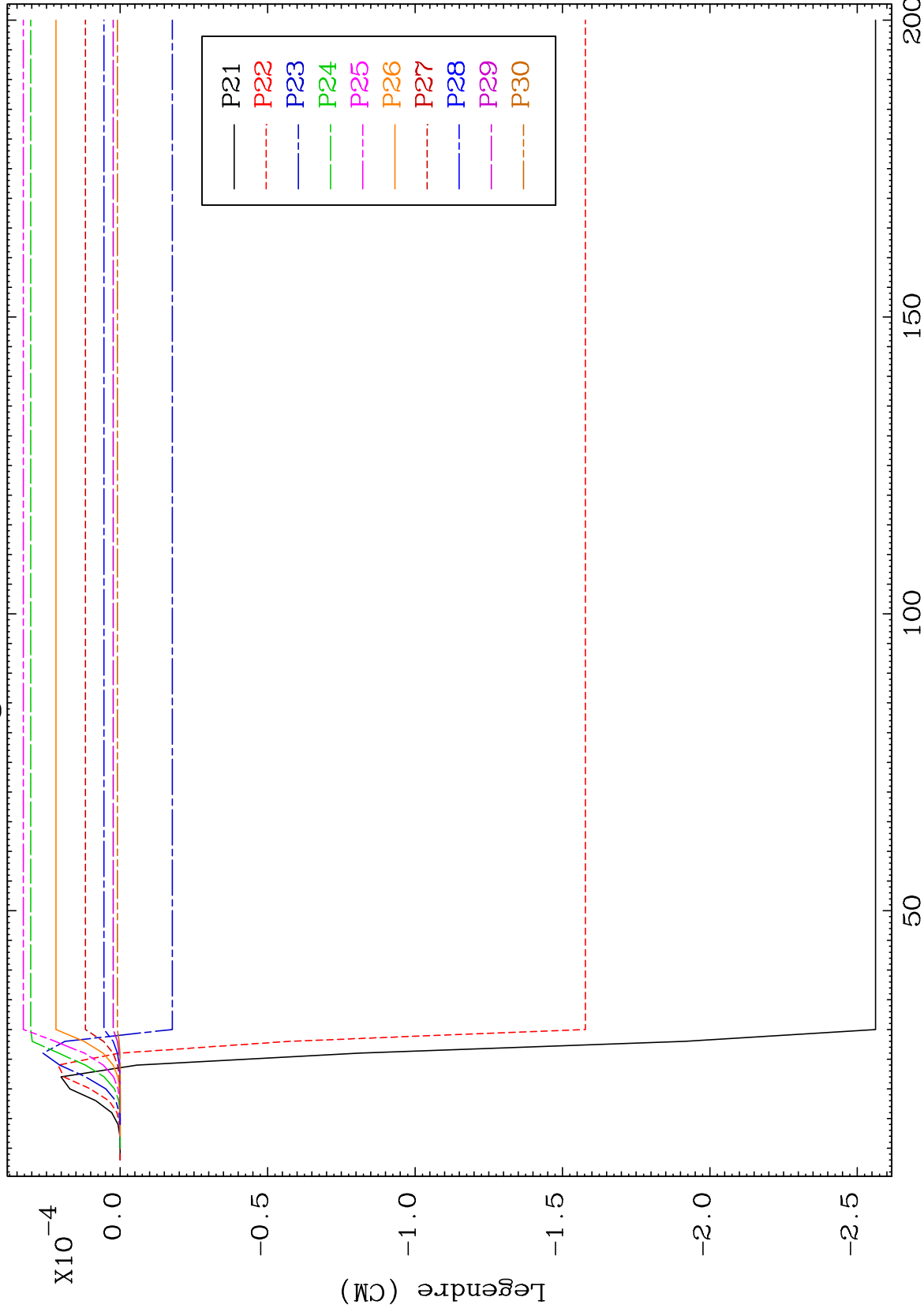
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85-At-203

MAT 8525

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

85-At-203



33

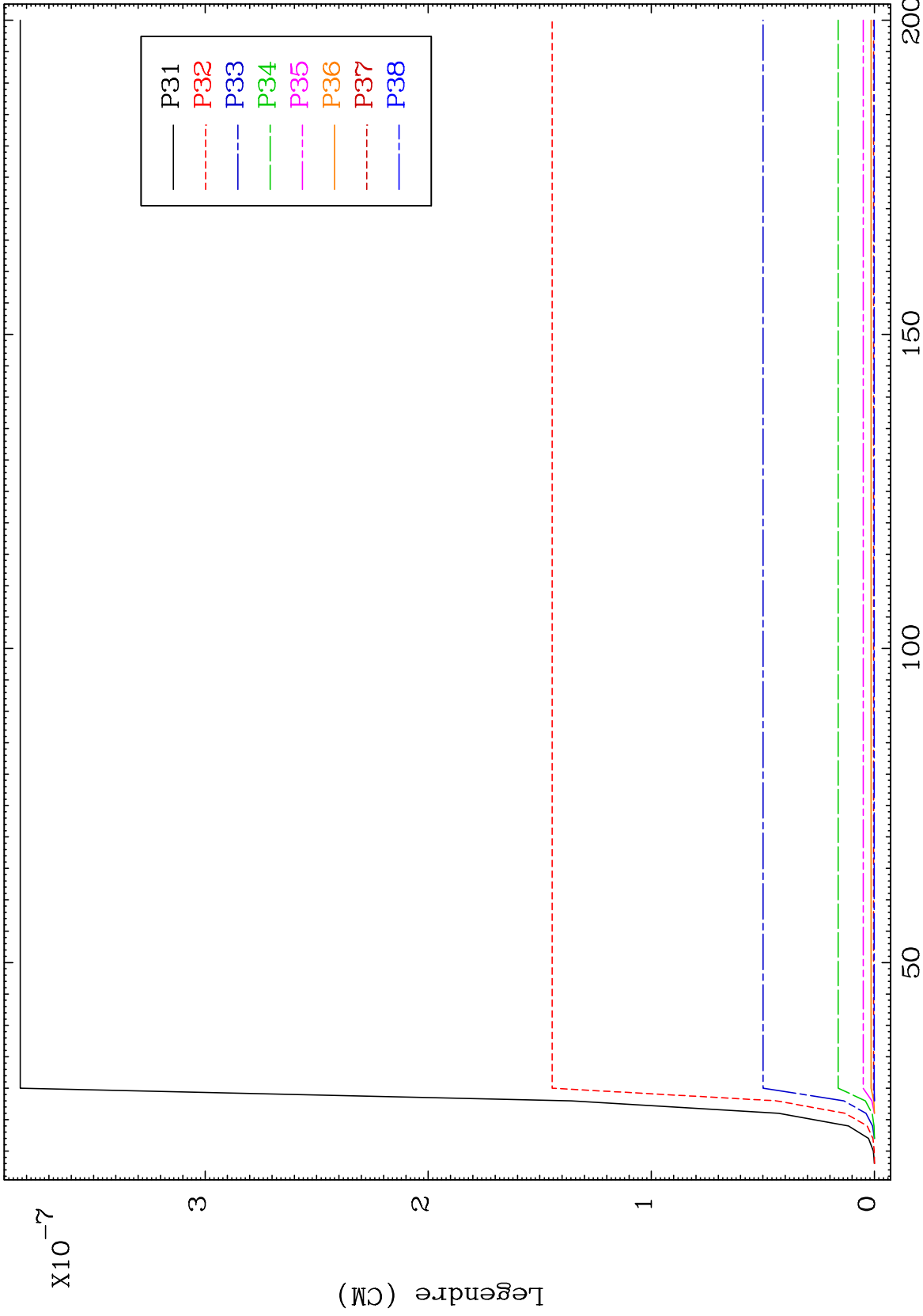
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



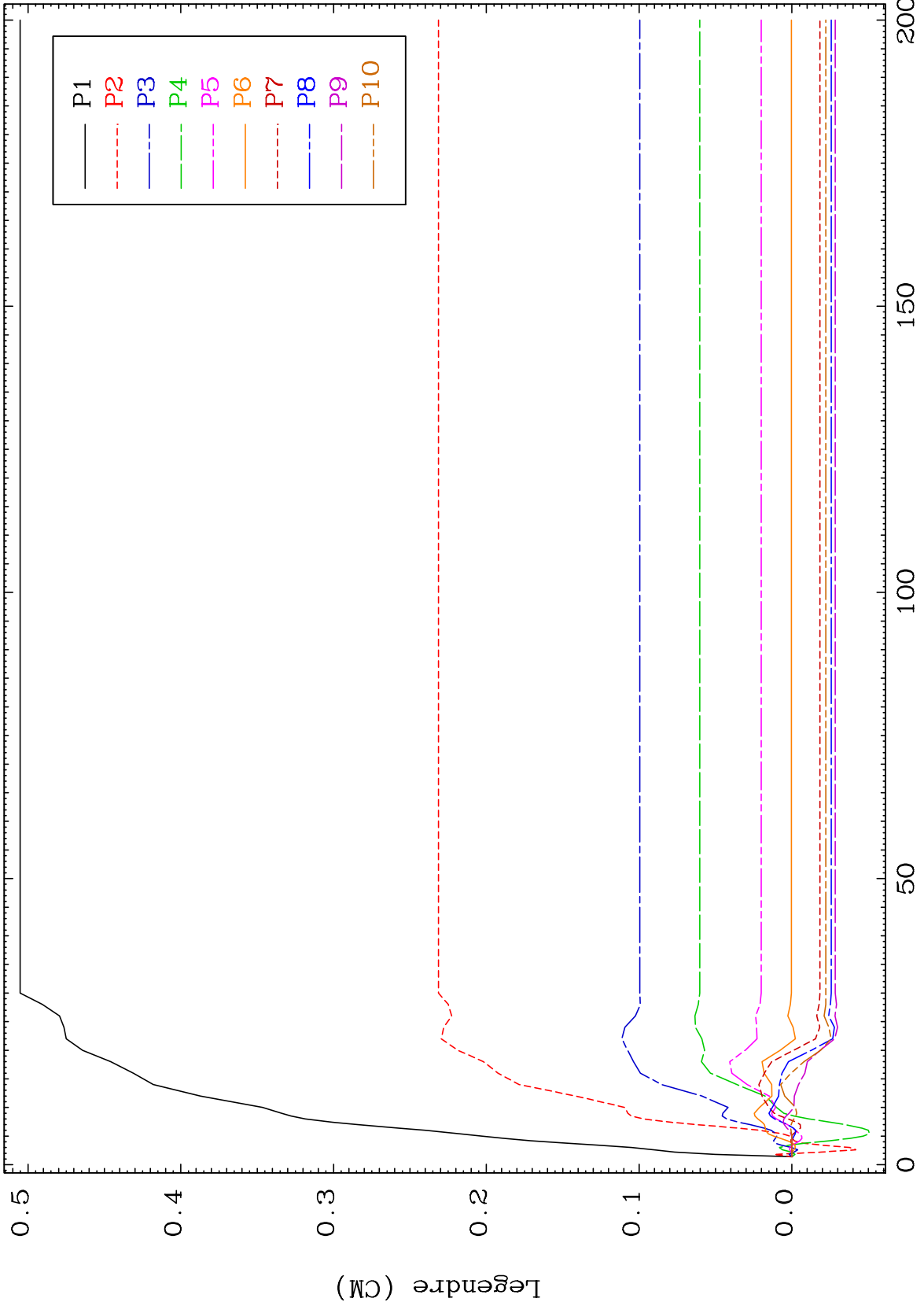
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85-At-203

MAT 8525

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

85-At-203

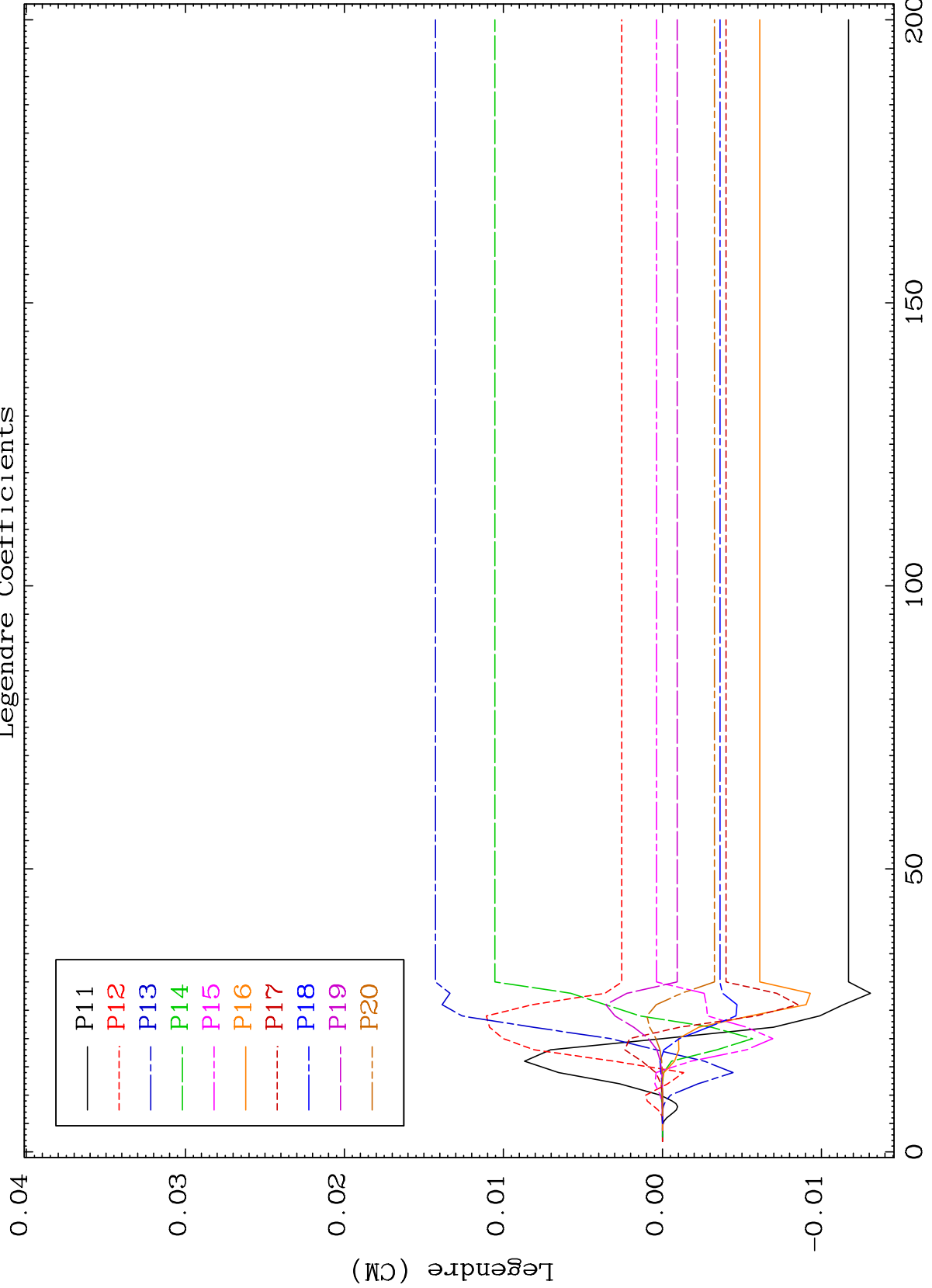


35

Incident Energy (MeV)

85-At-203

MAT 8525 MT= 55 (n,n') Level Legendre Coefficients 85-At-203



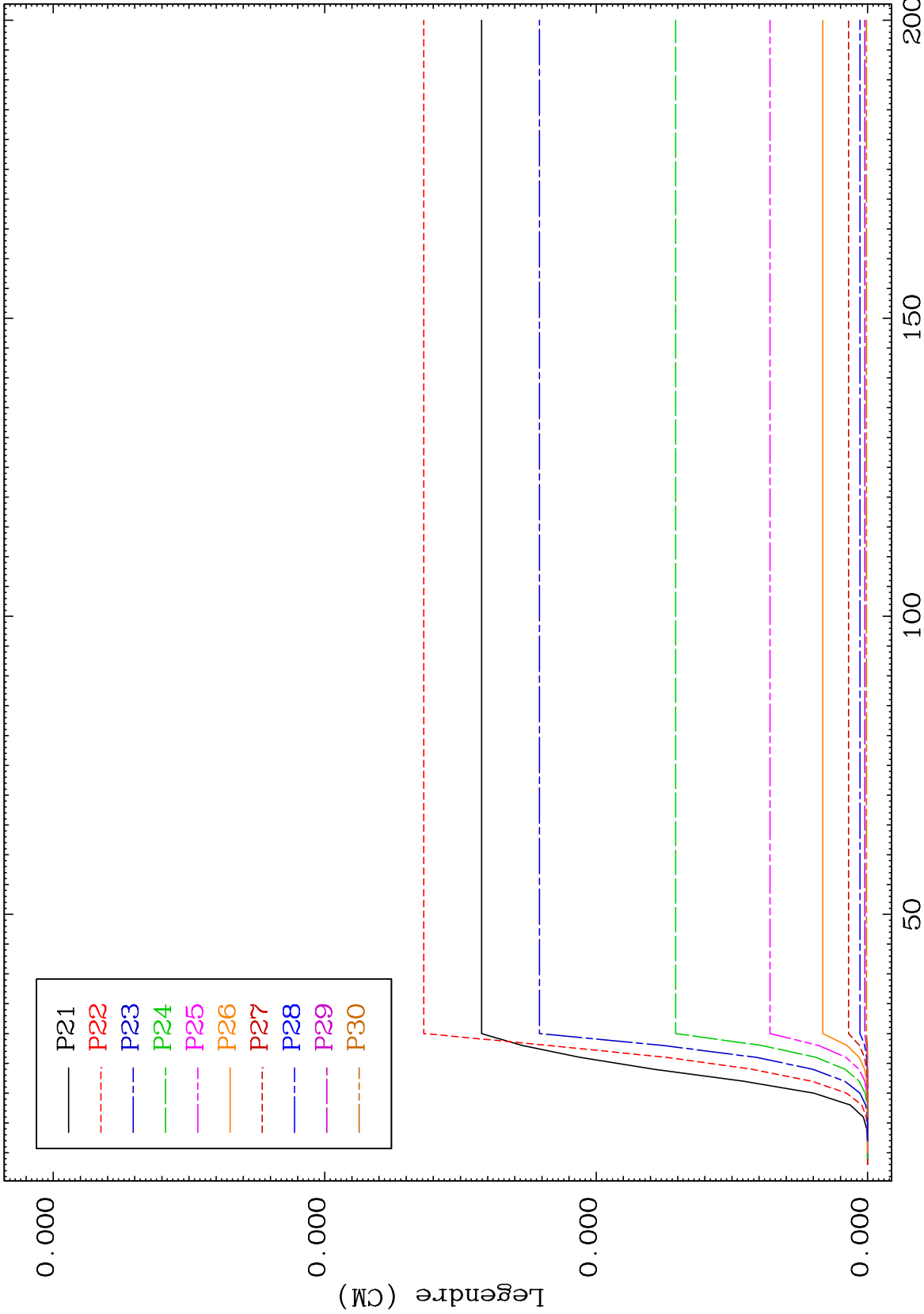
85-At-203

Incident Energy (MeV)

MAT 8525

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

85-At-203



37

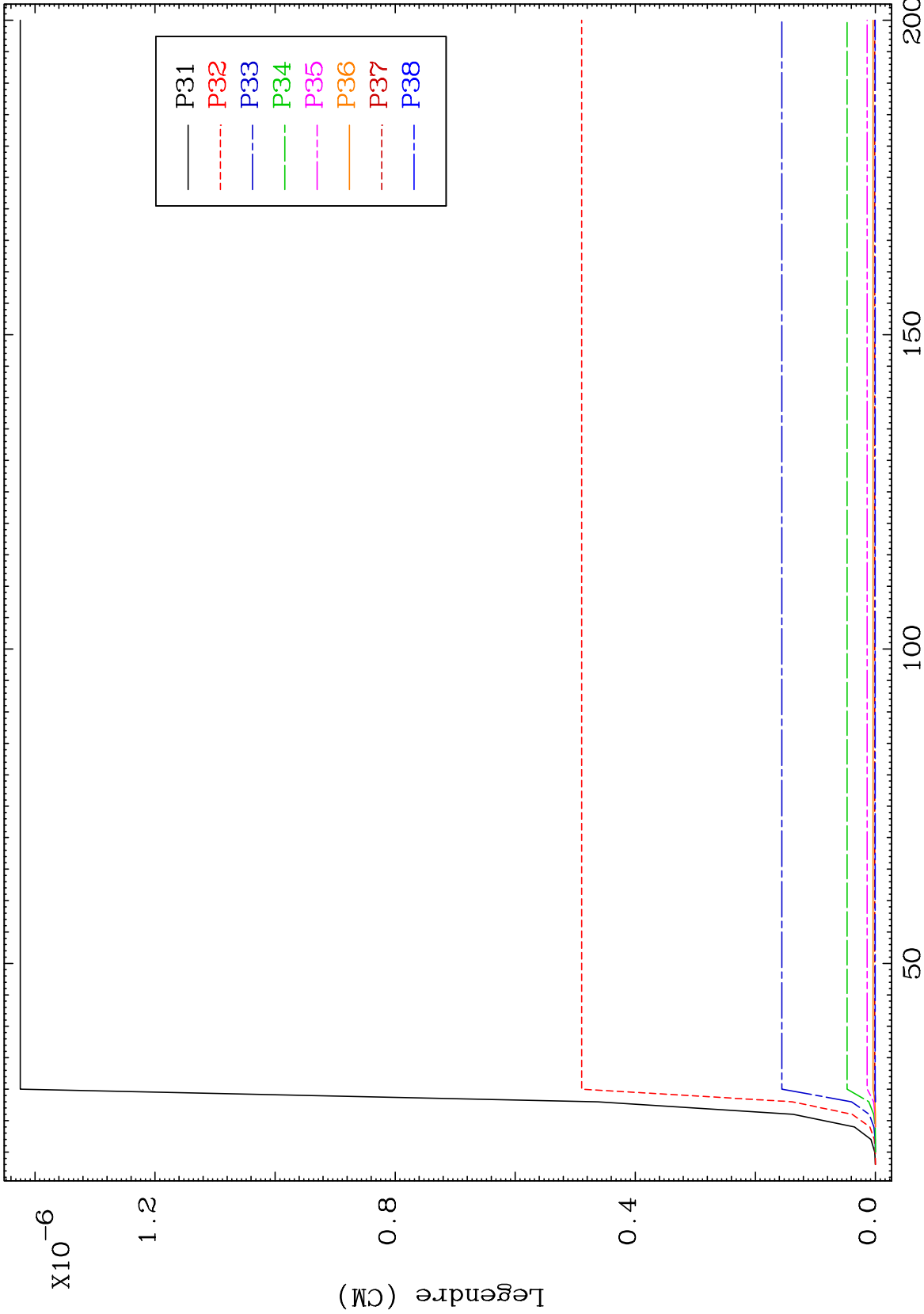
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



38

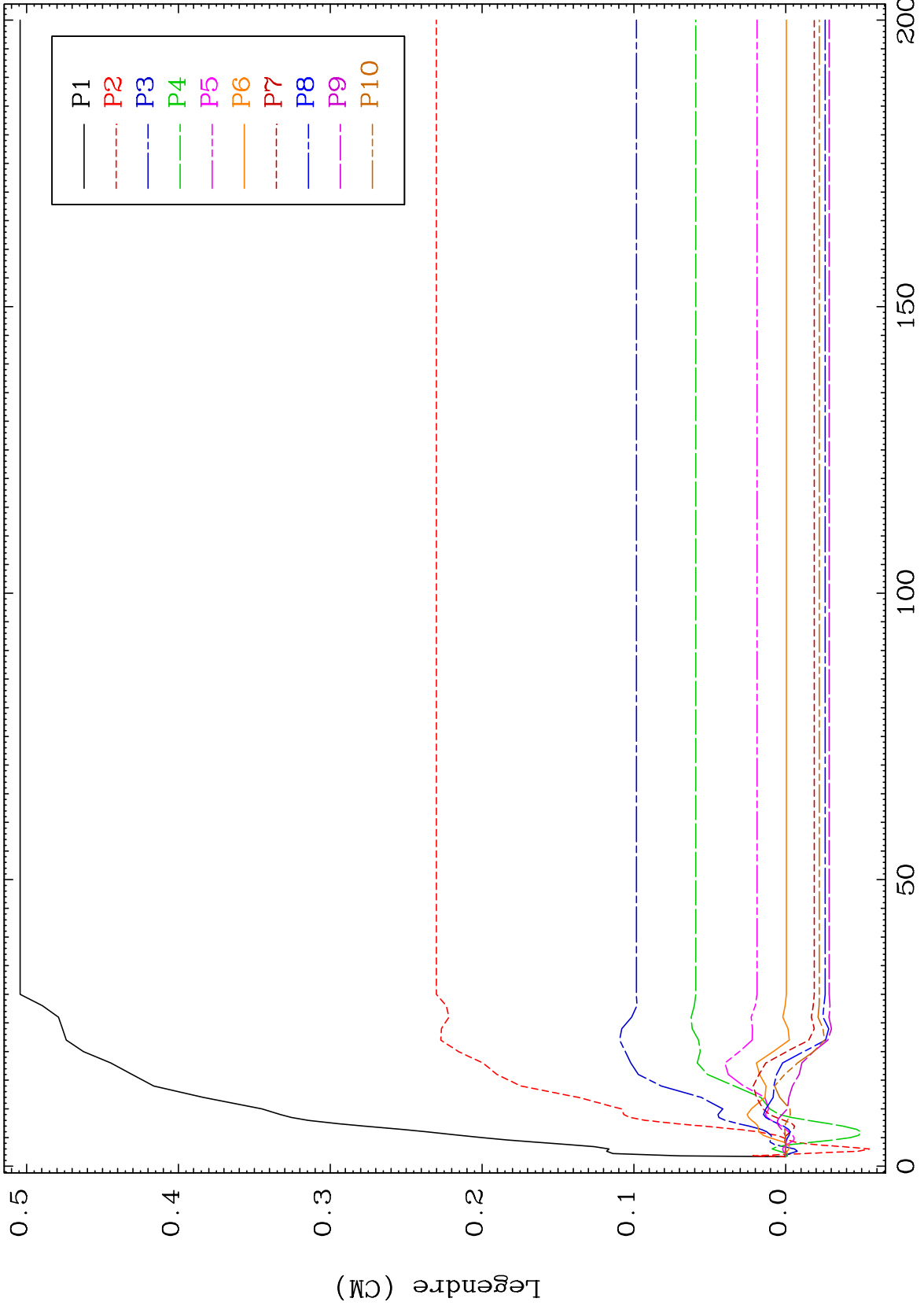
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



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Incident Energy (MeV)

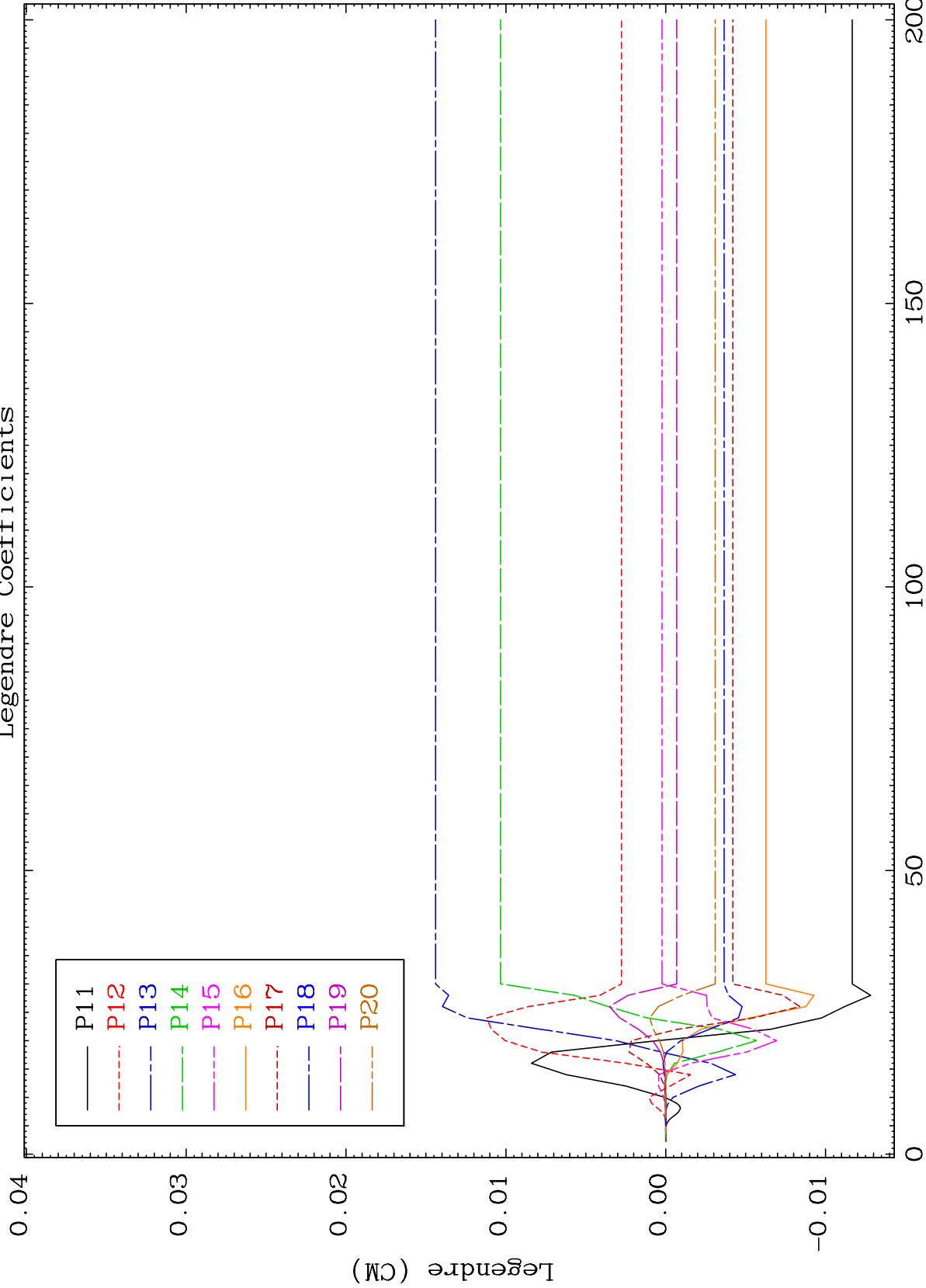
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MAT 8525 MT= 56 (n,n') Level Legendre Coefficients

85-At-203

85-At-203

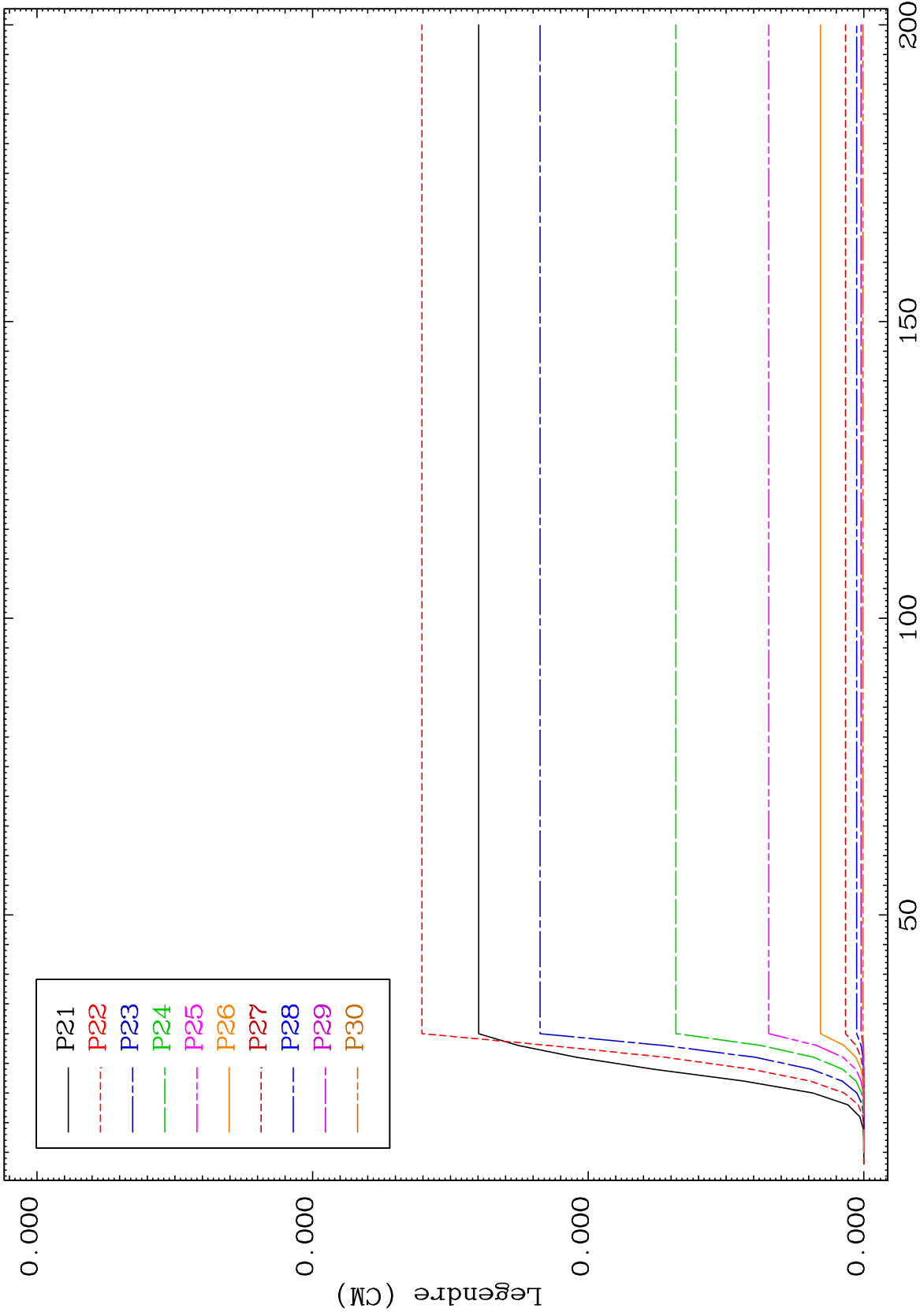


40

MAT 8525

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

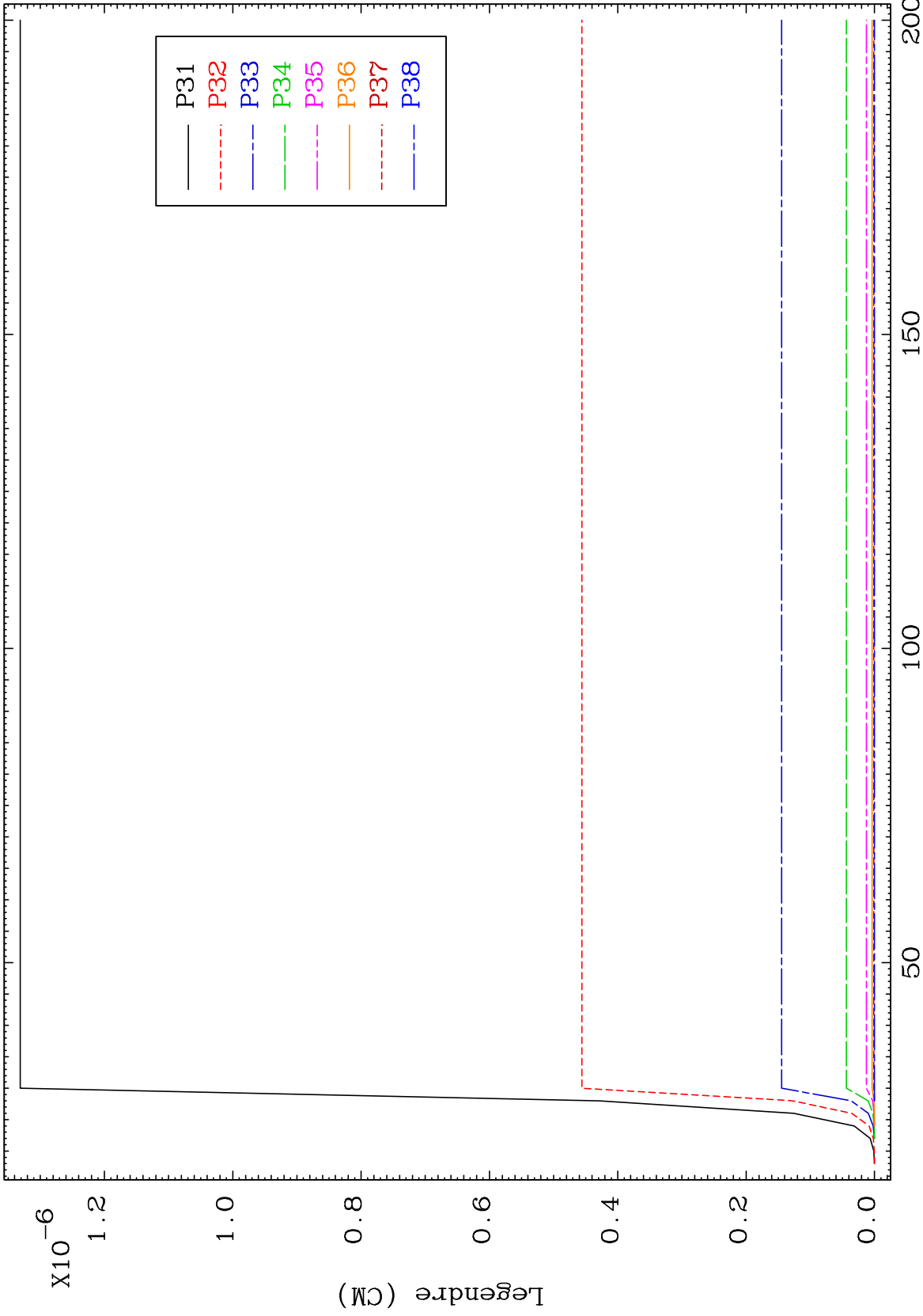
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MAT 8525

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

85-At-203



42

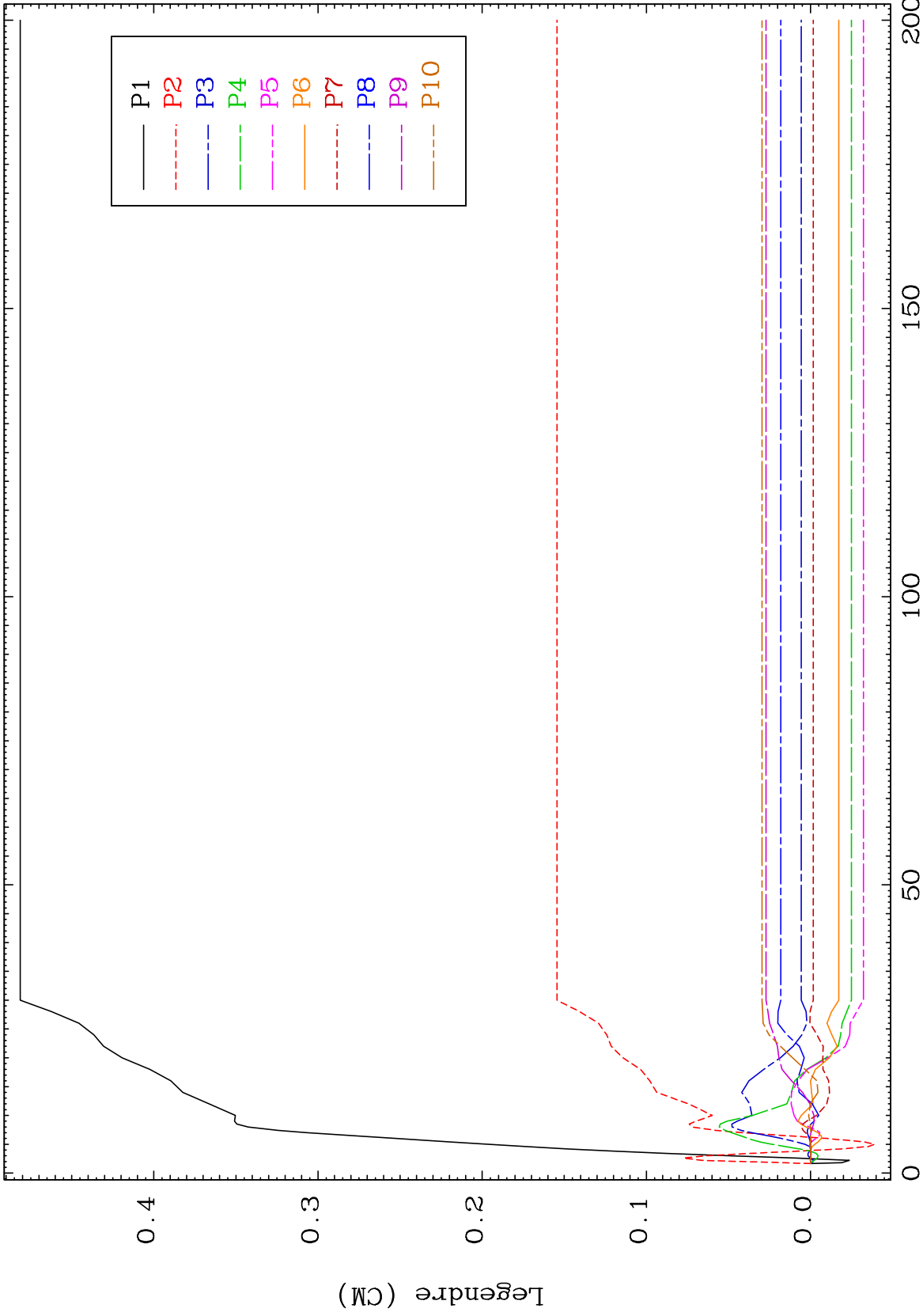
Incident Energy (MeV)

85-At-203

MAT 8525

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

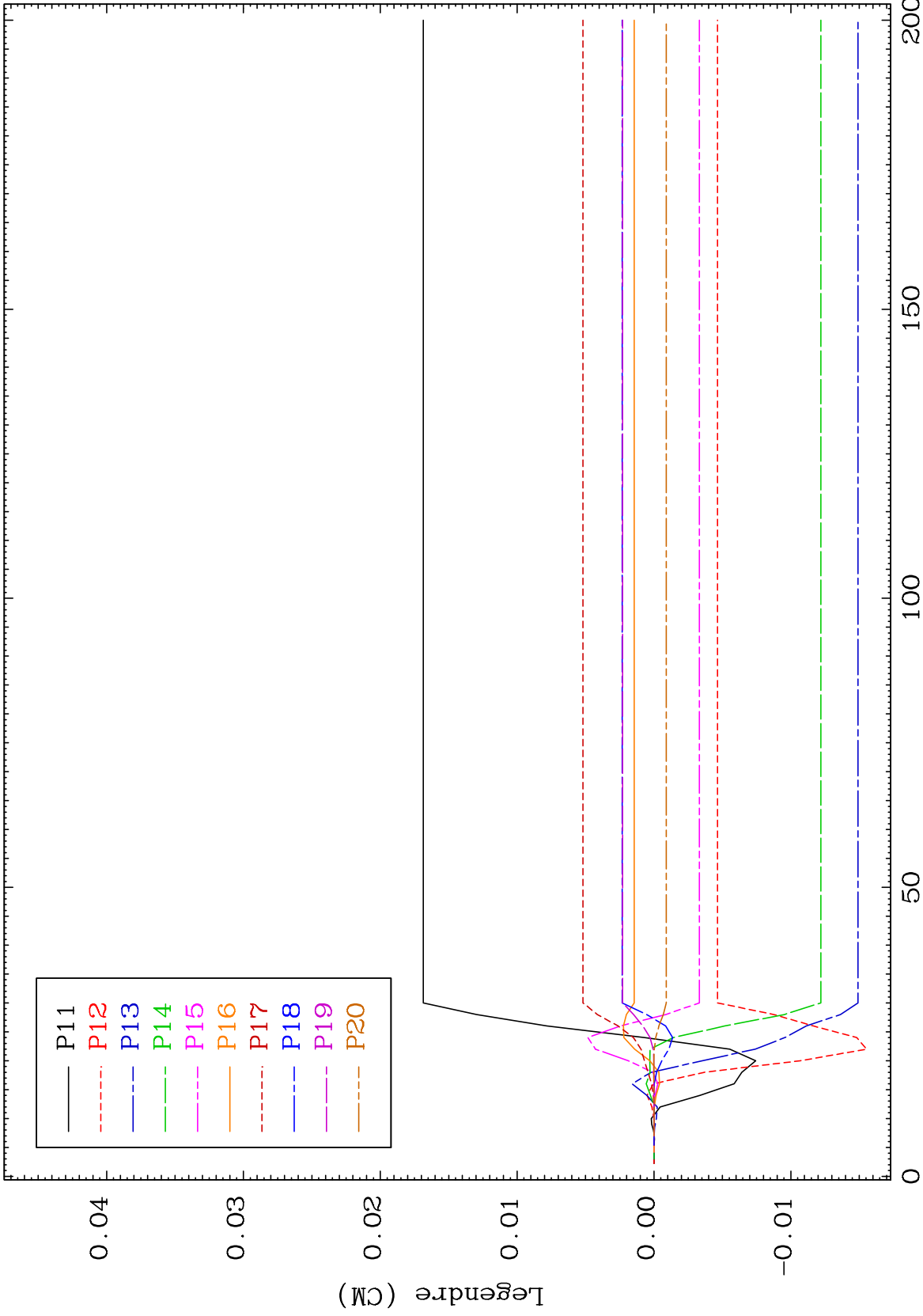
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43

Incident Energy (MeV)

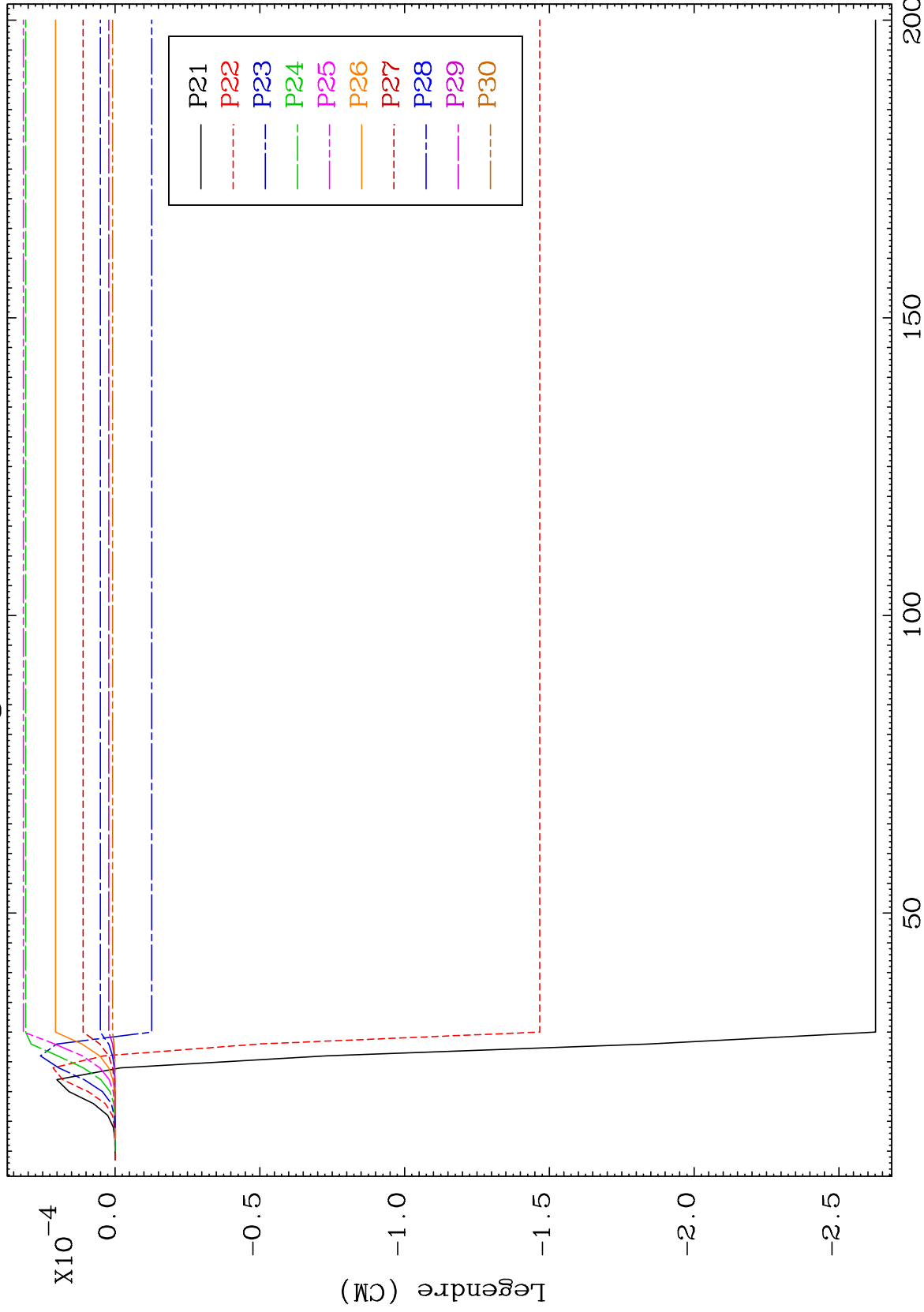
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MAT 8525

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

85-At-203



45

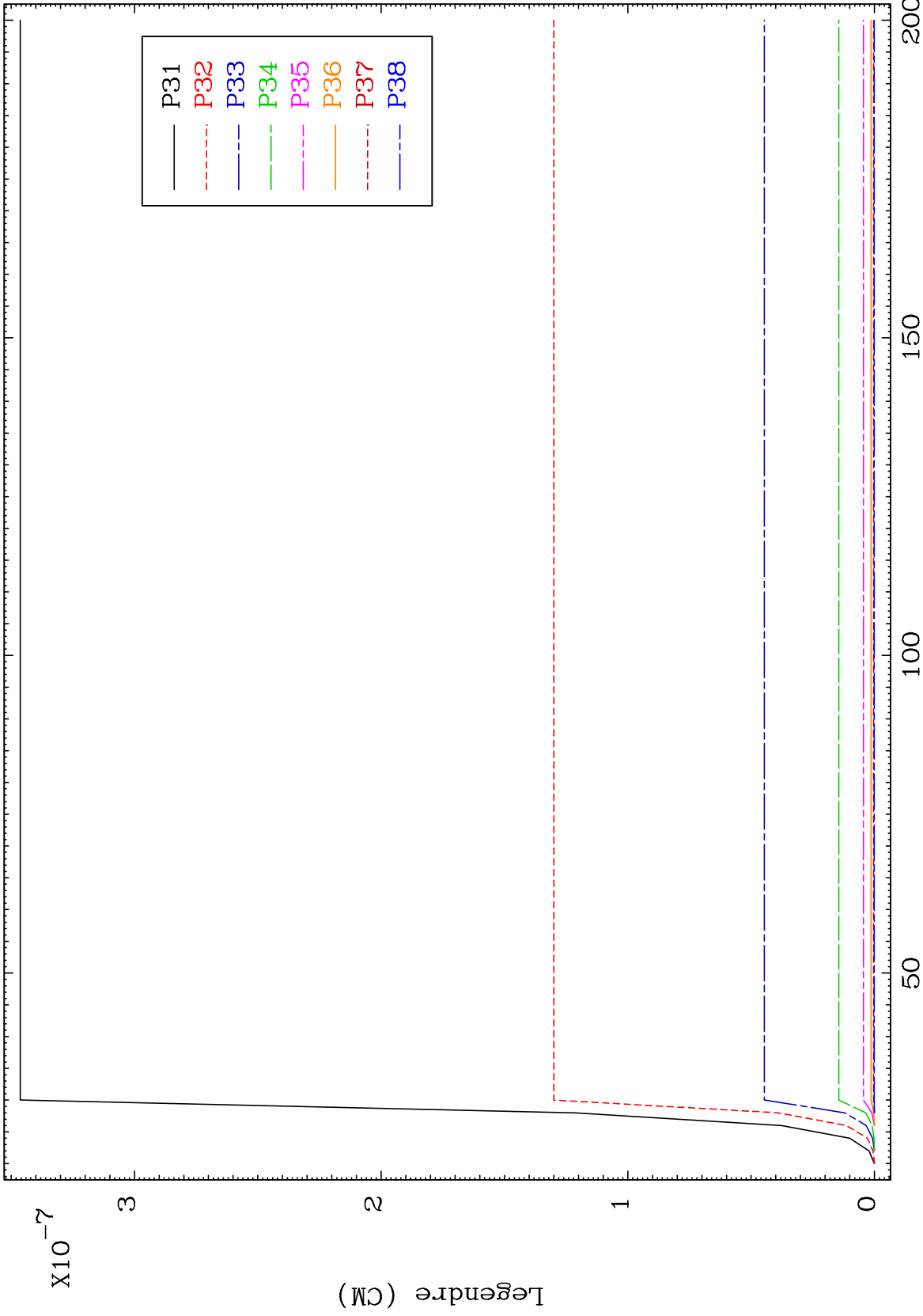
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



46

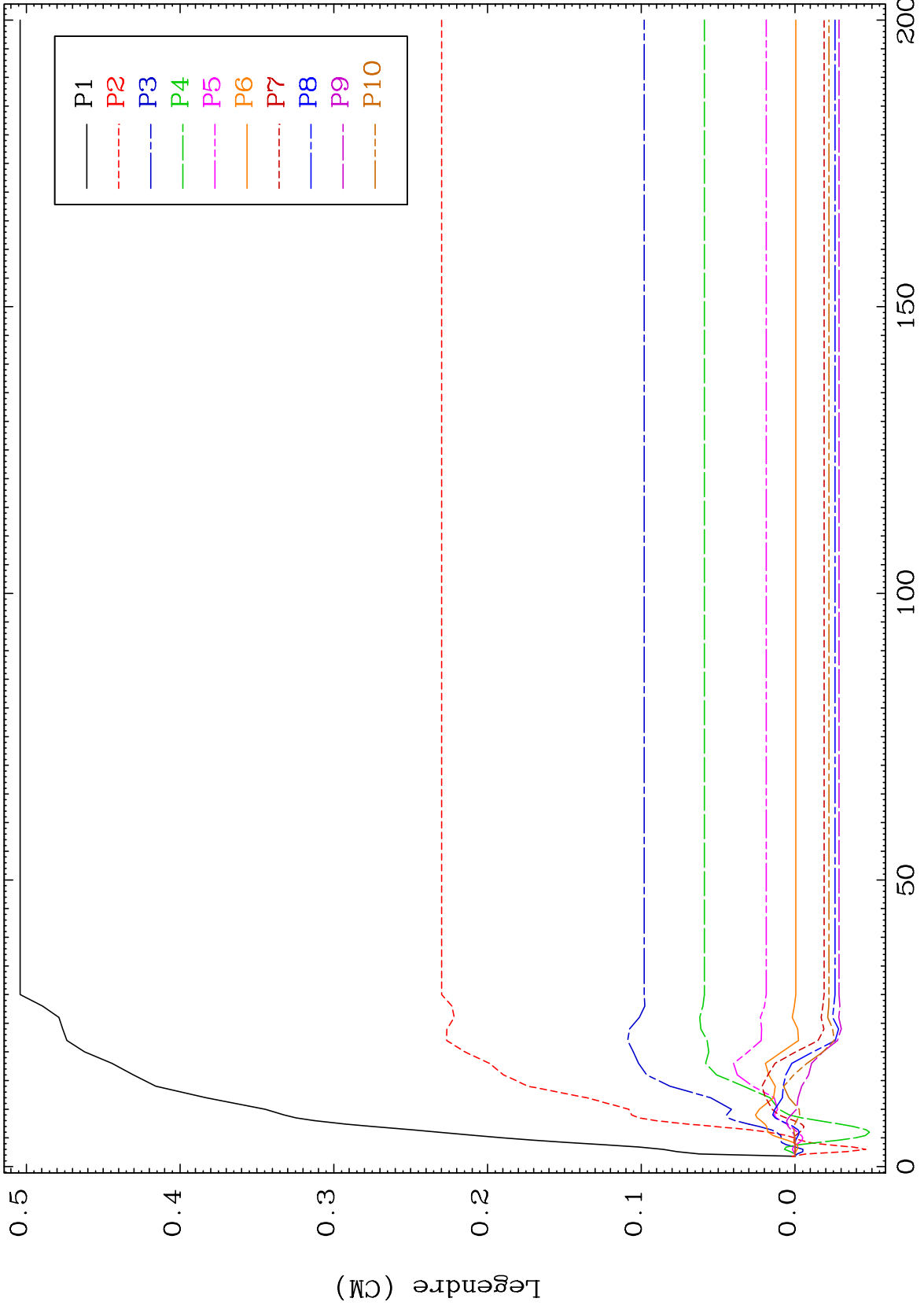
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



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Incident Energy (MeV)

85-At-203

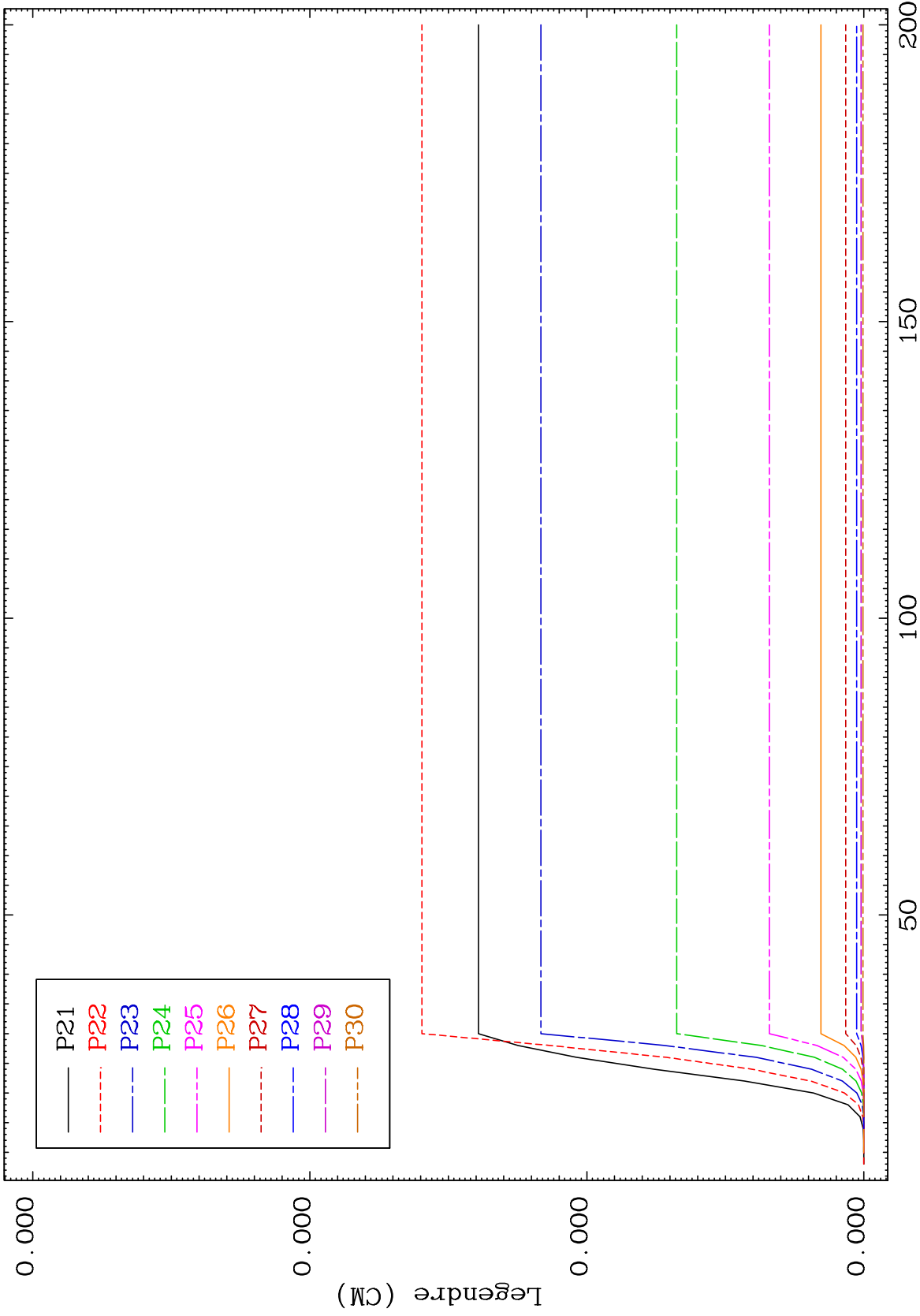




MAT 8525

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

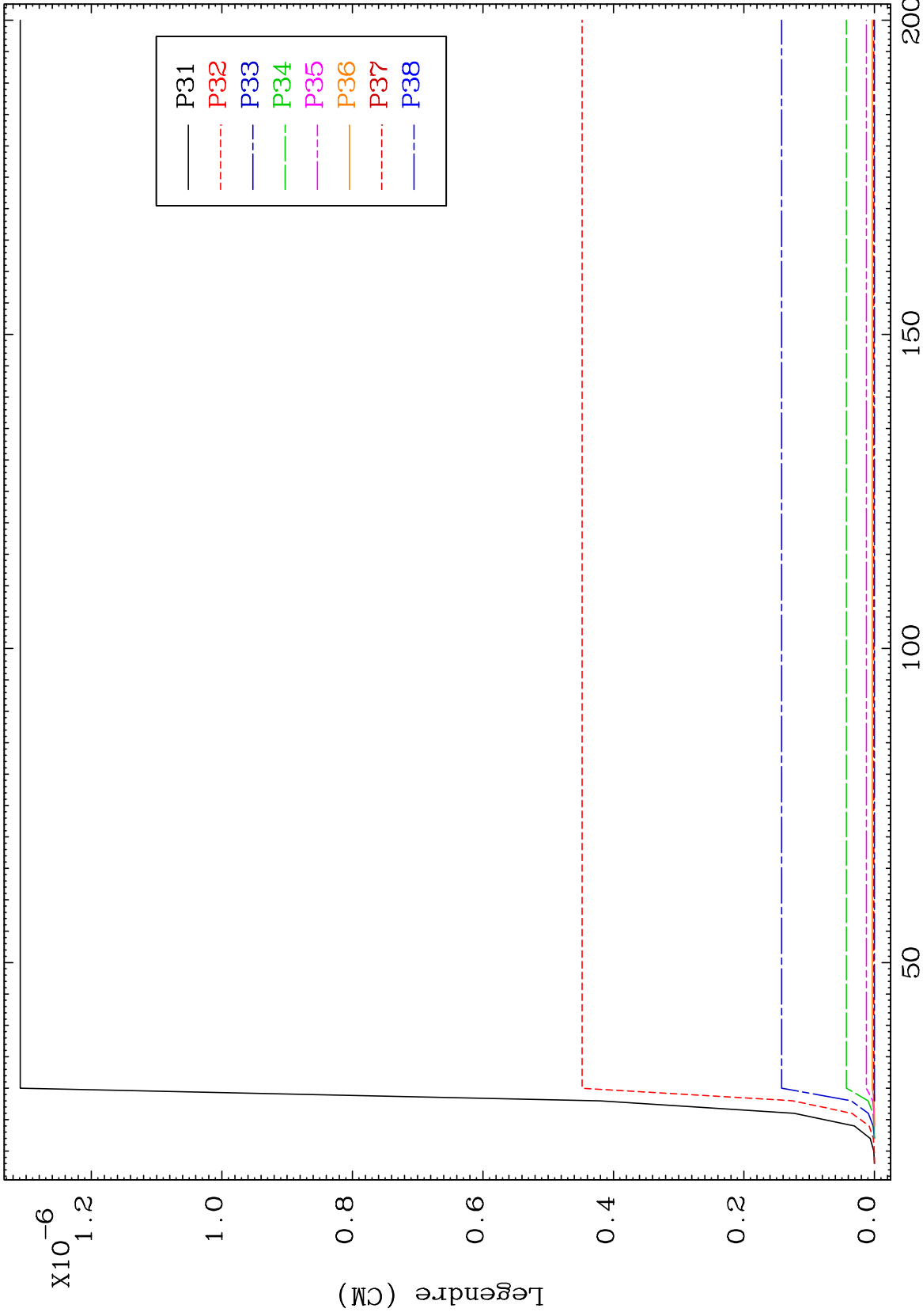
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MAT 8525

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

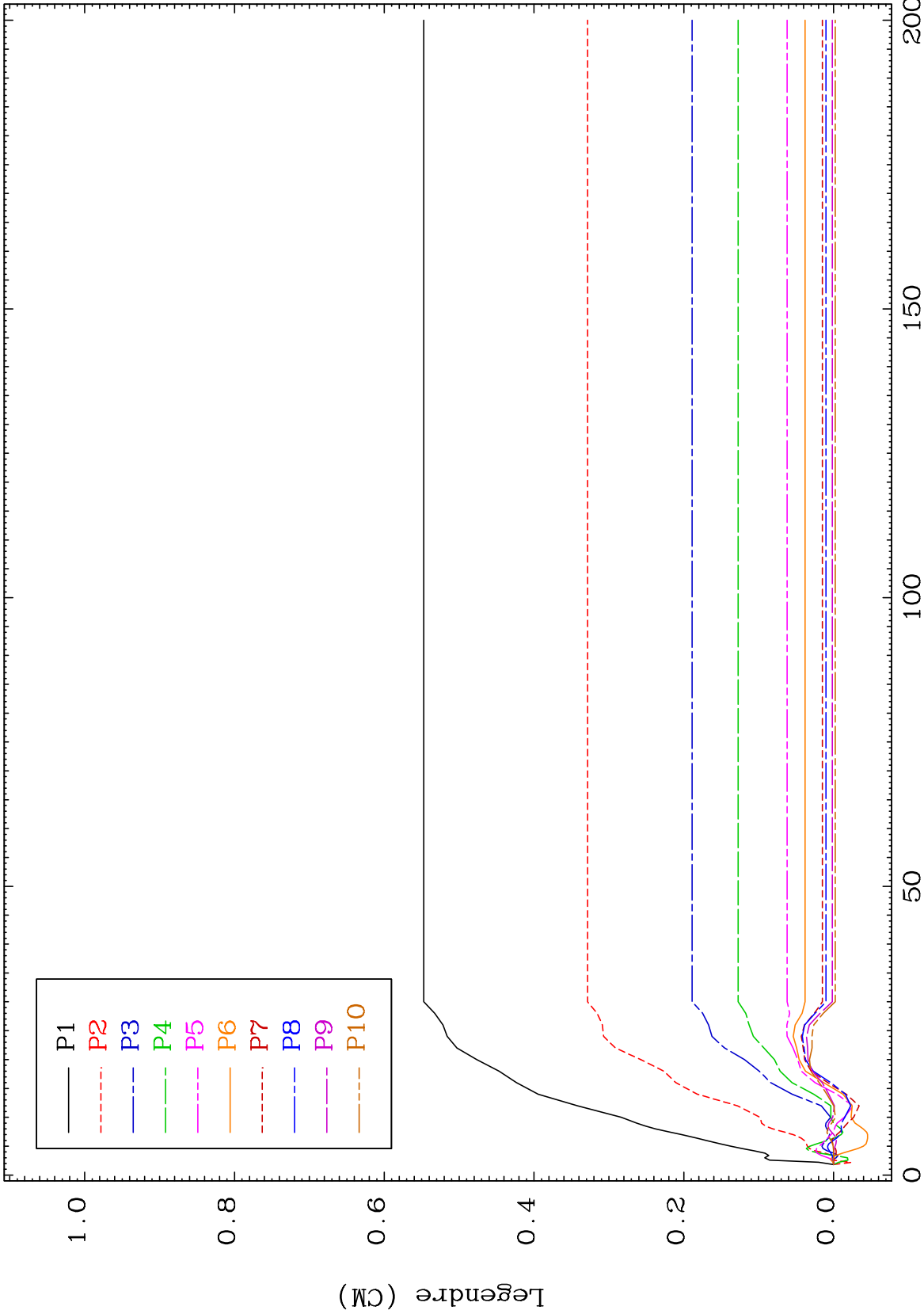
85-At-203



50

Incident Energy (MeV)

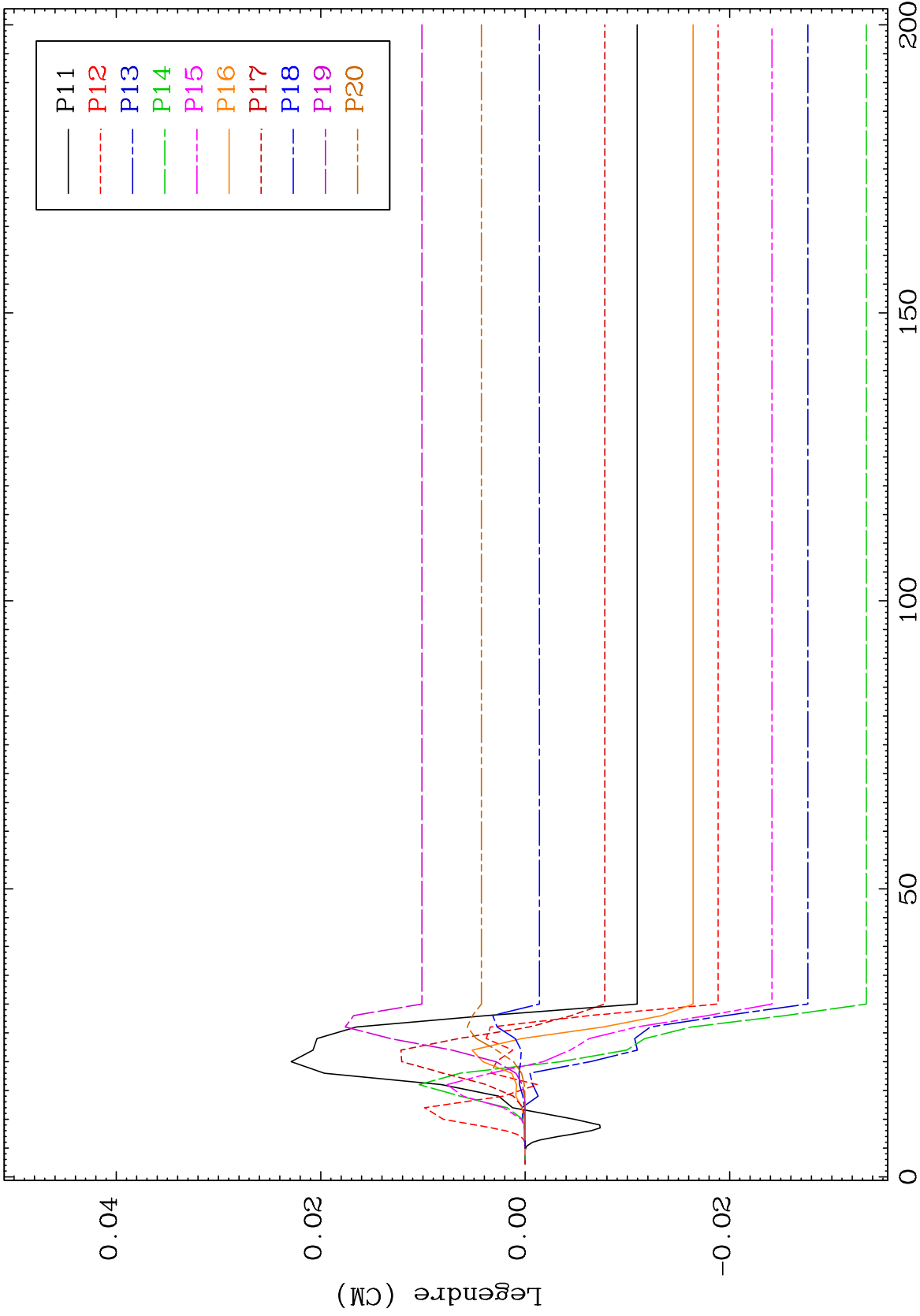
85-At-203



MAT 8525

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

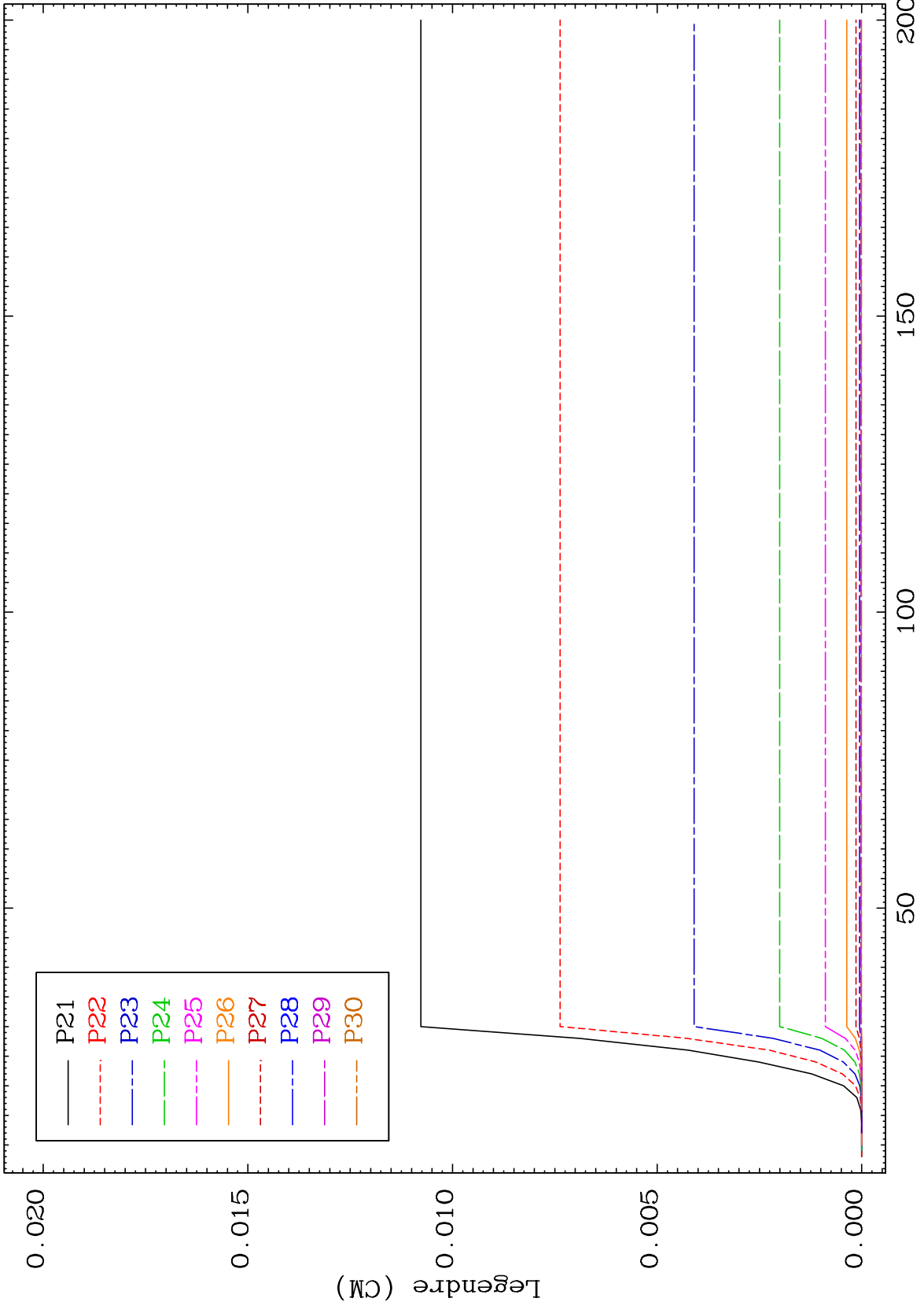
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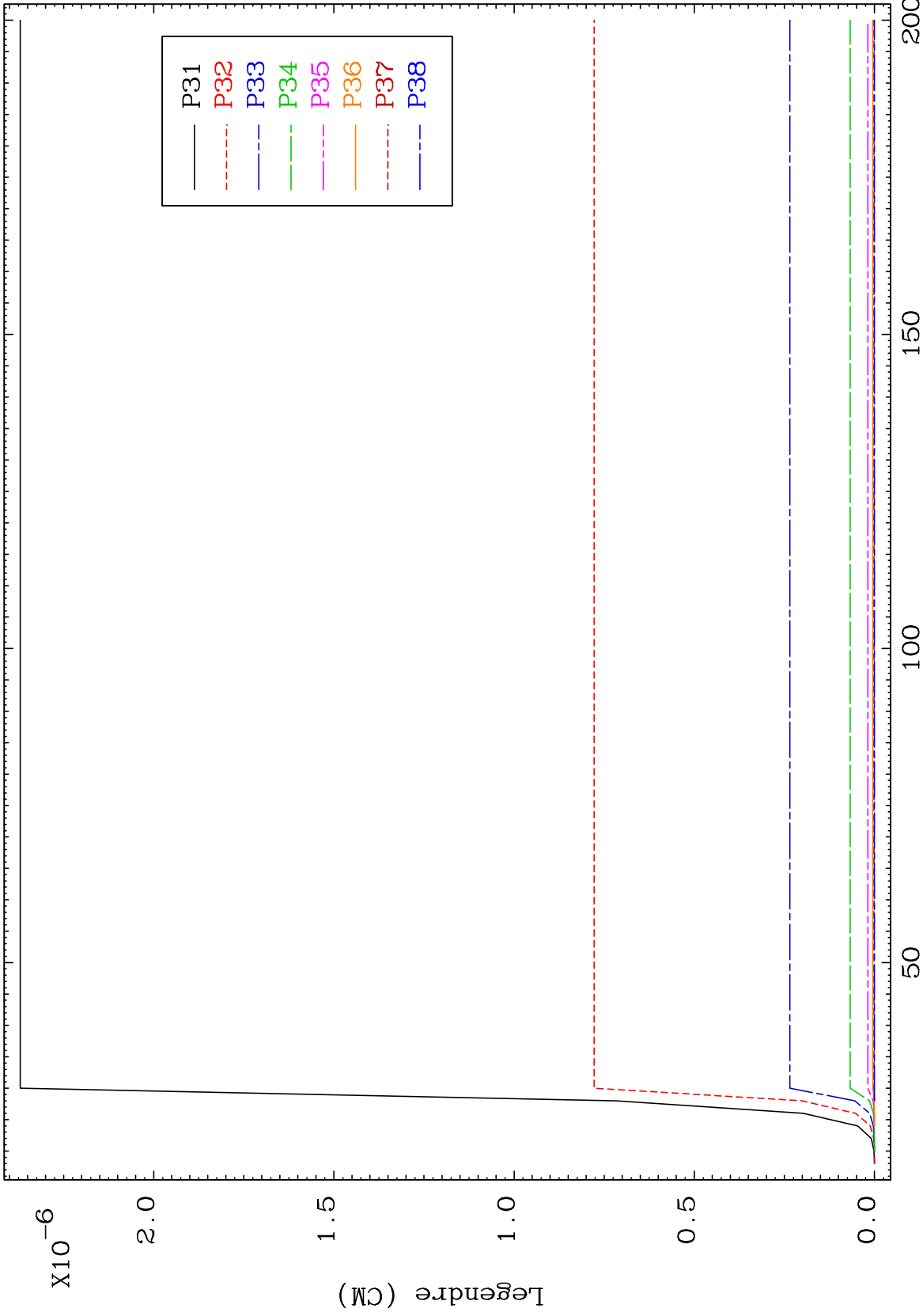


52

Incident Energy (MeV)

85-At-203

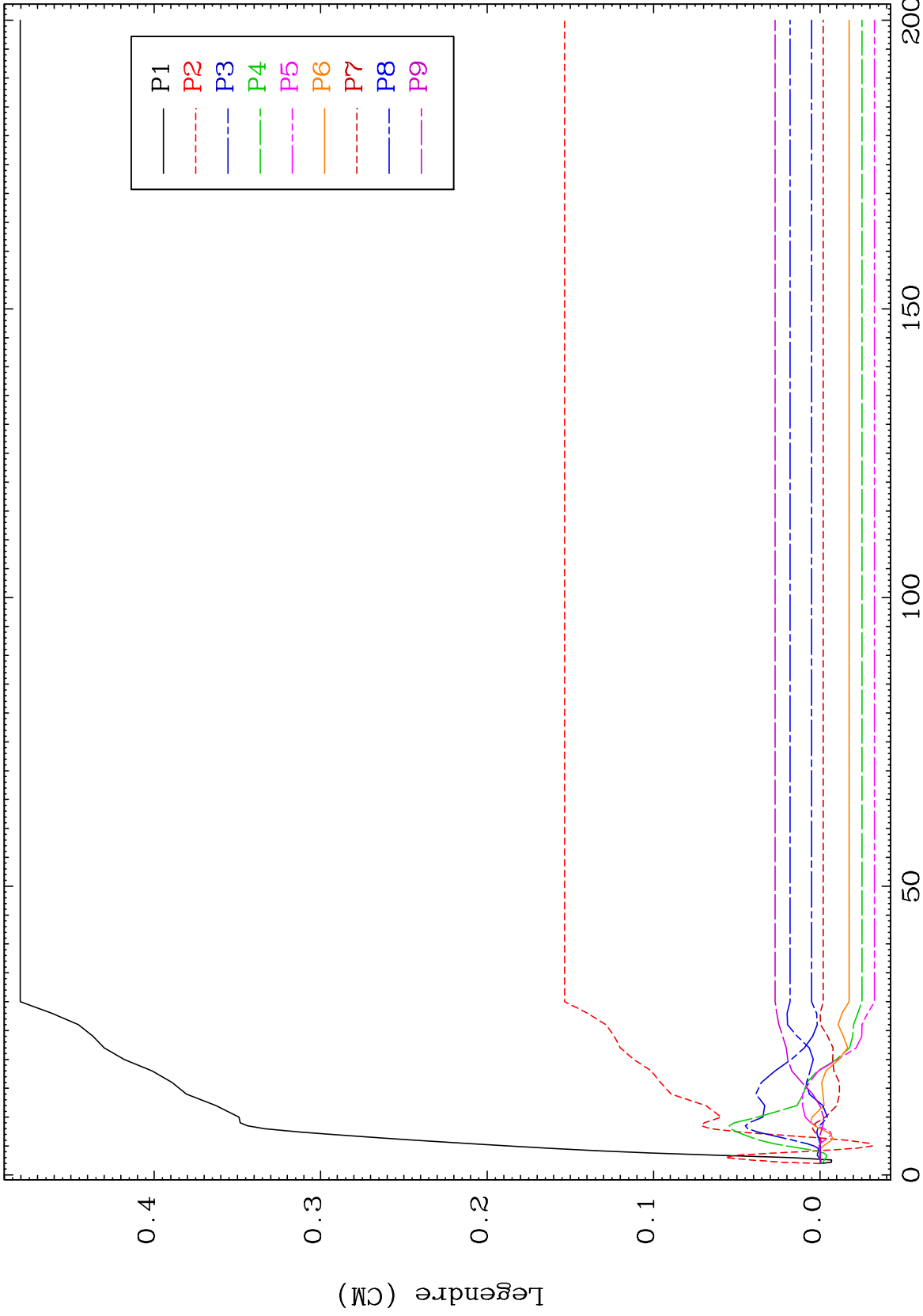




MAT 8525

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

85-At-203



55

Incident Energy (MeV)

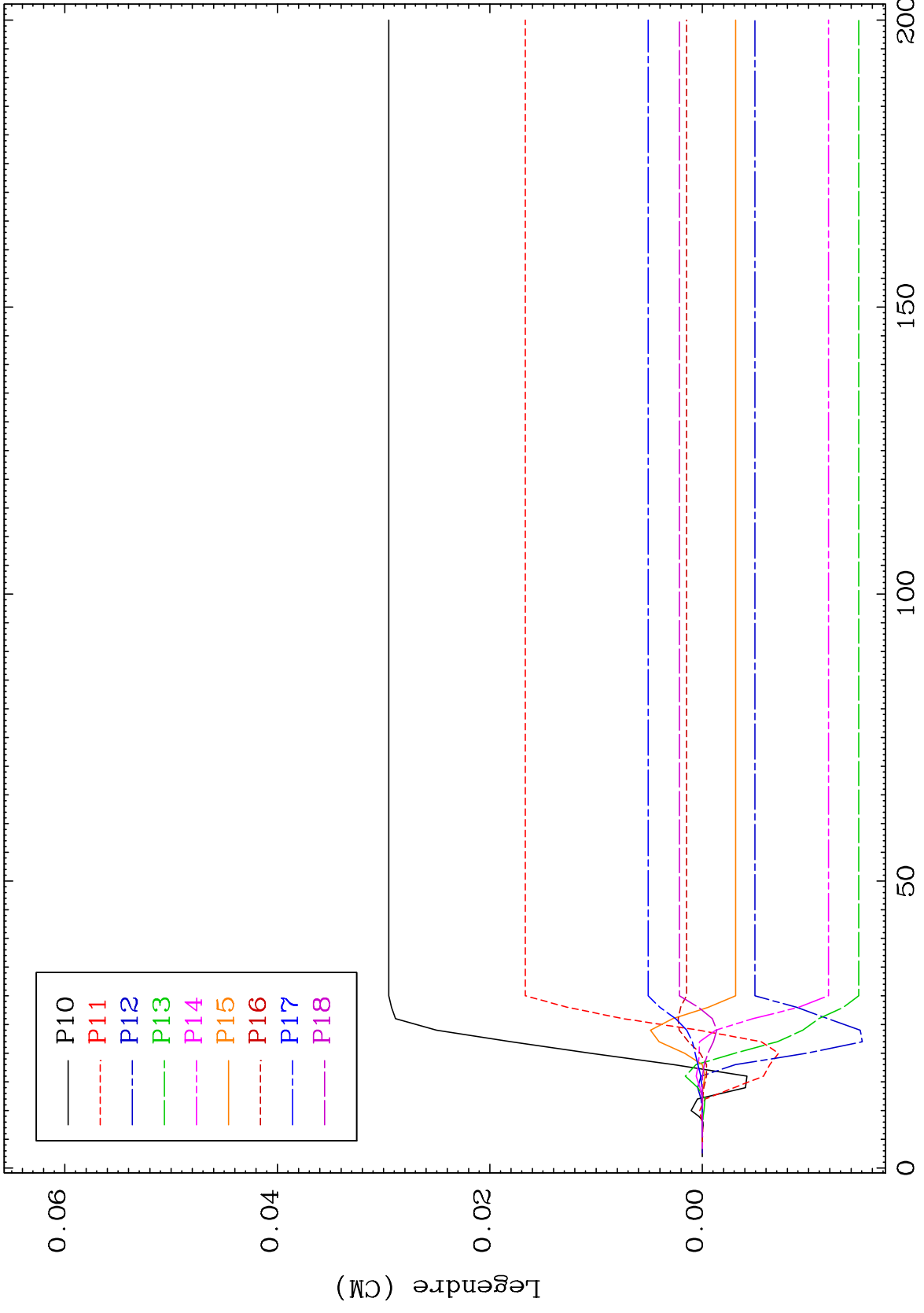
85-At-203



MAT 8525

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

85-At-203



56

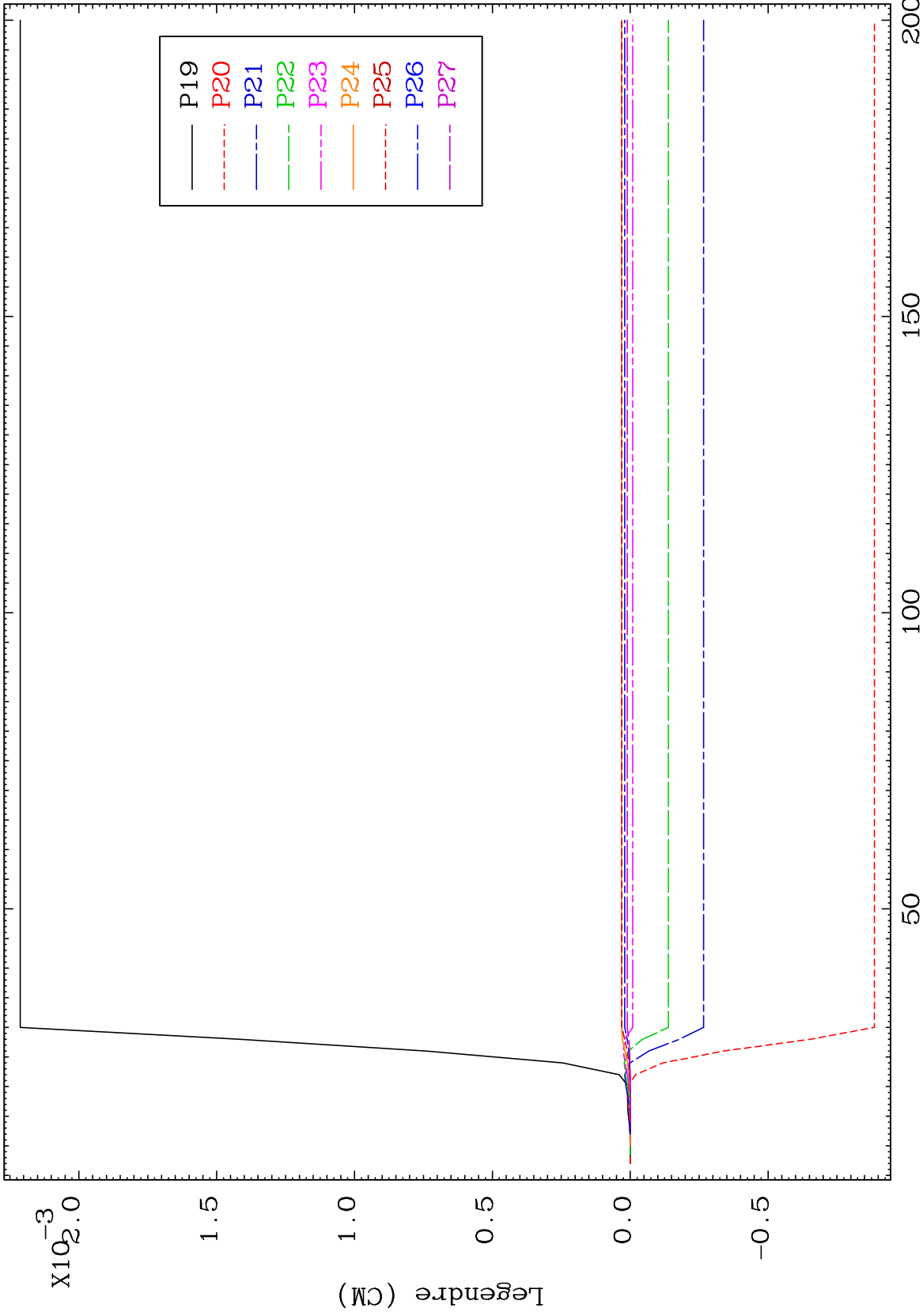
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



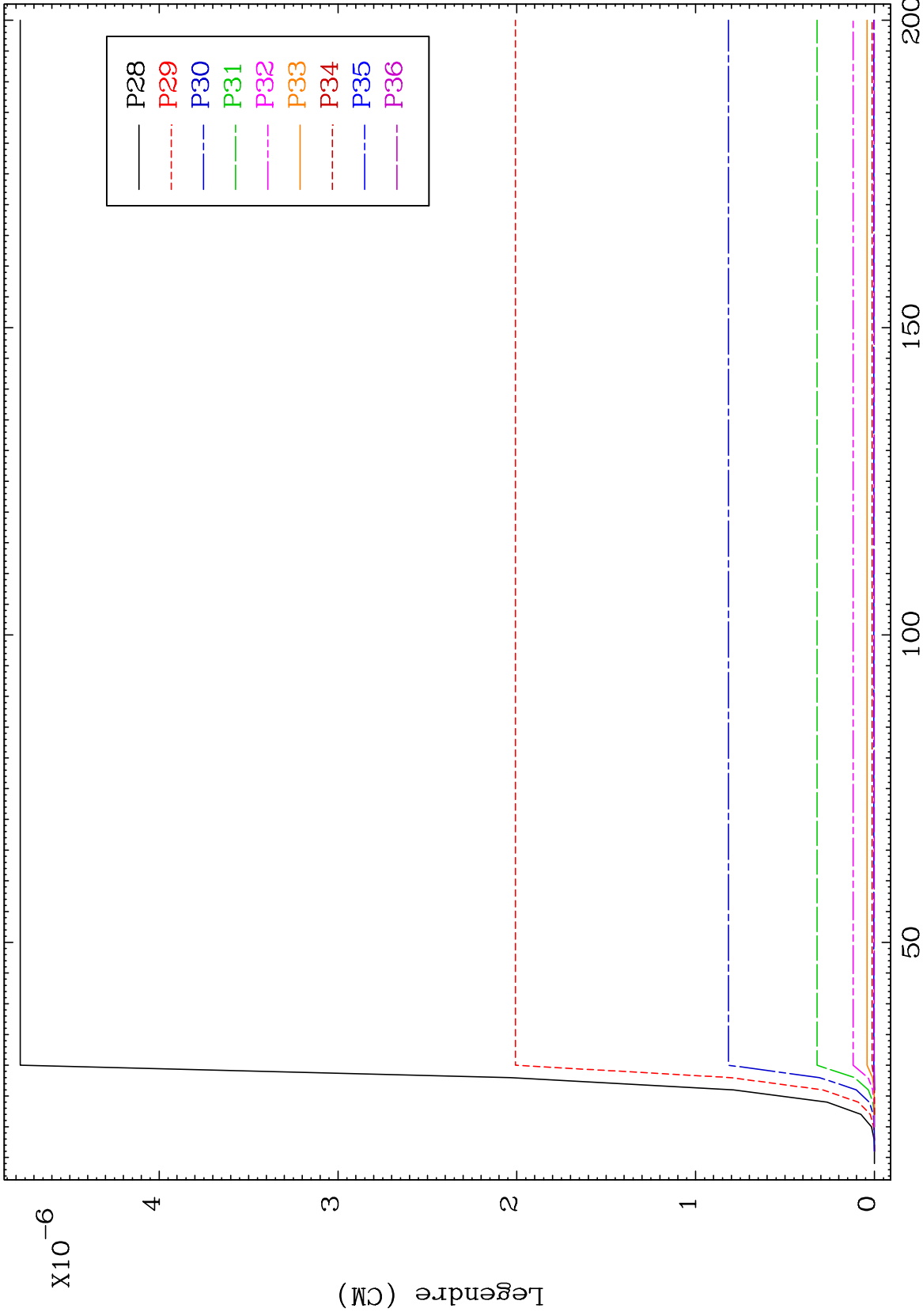
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85-At-203

MAT 8525

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

85-At-203



58

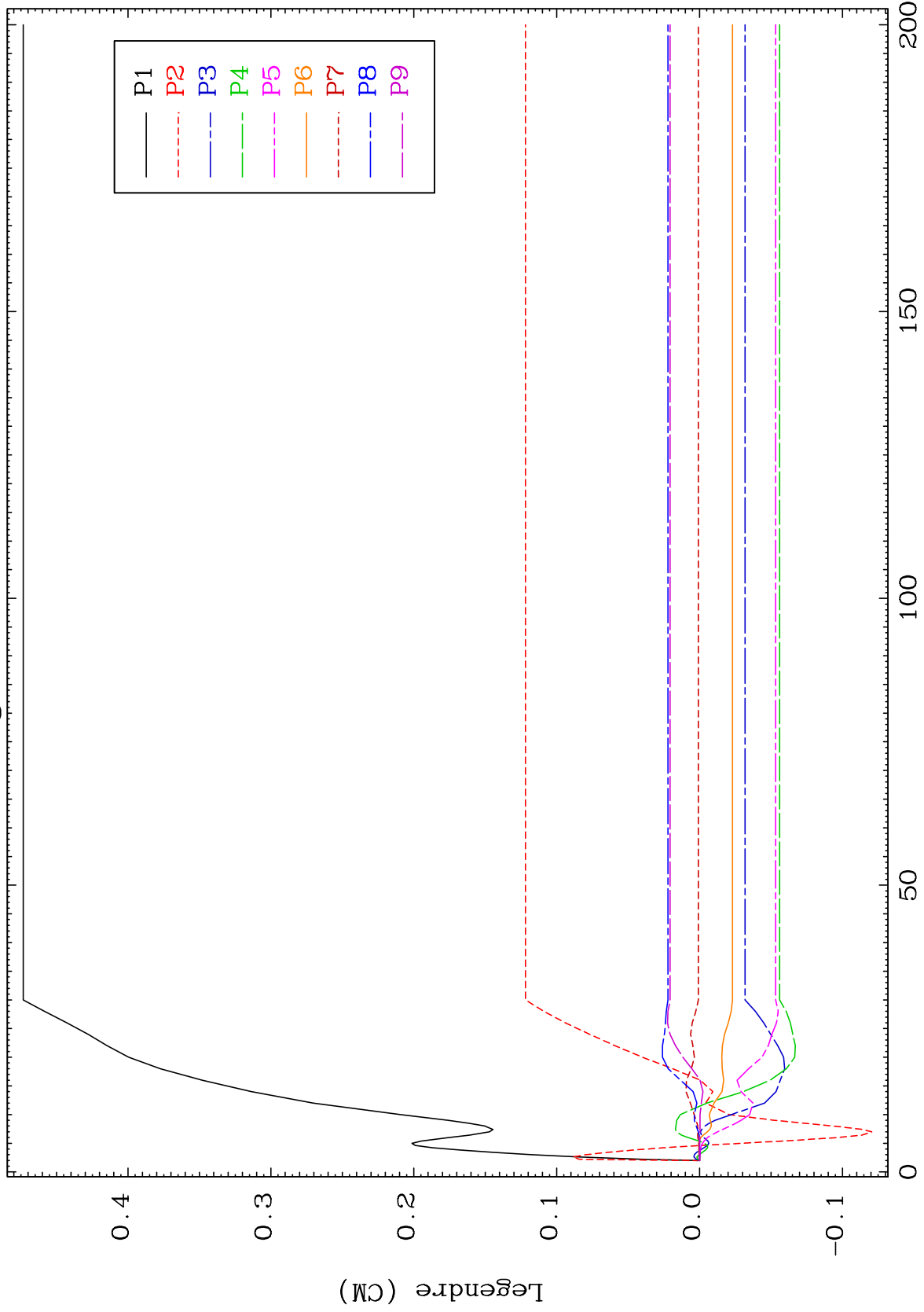
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



59

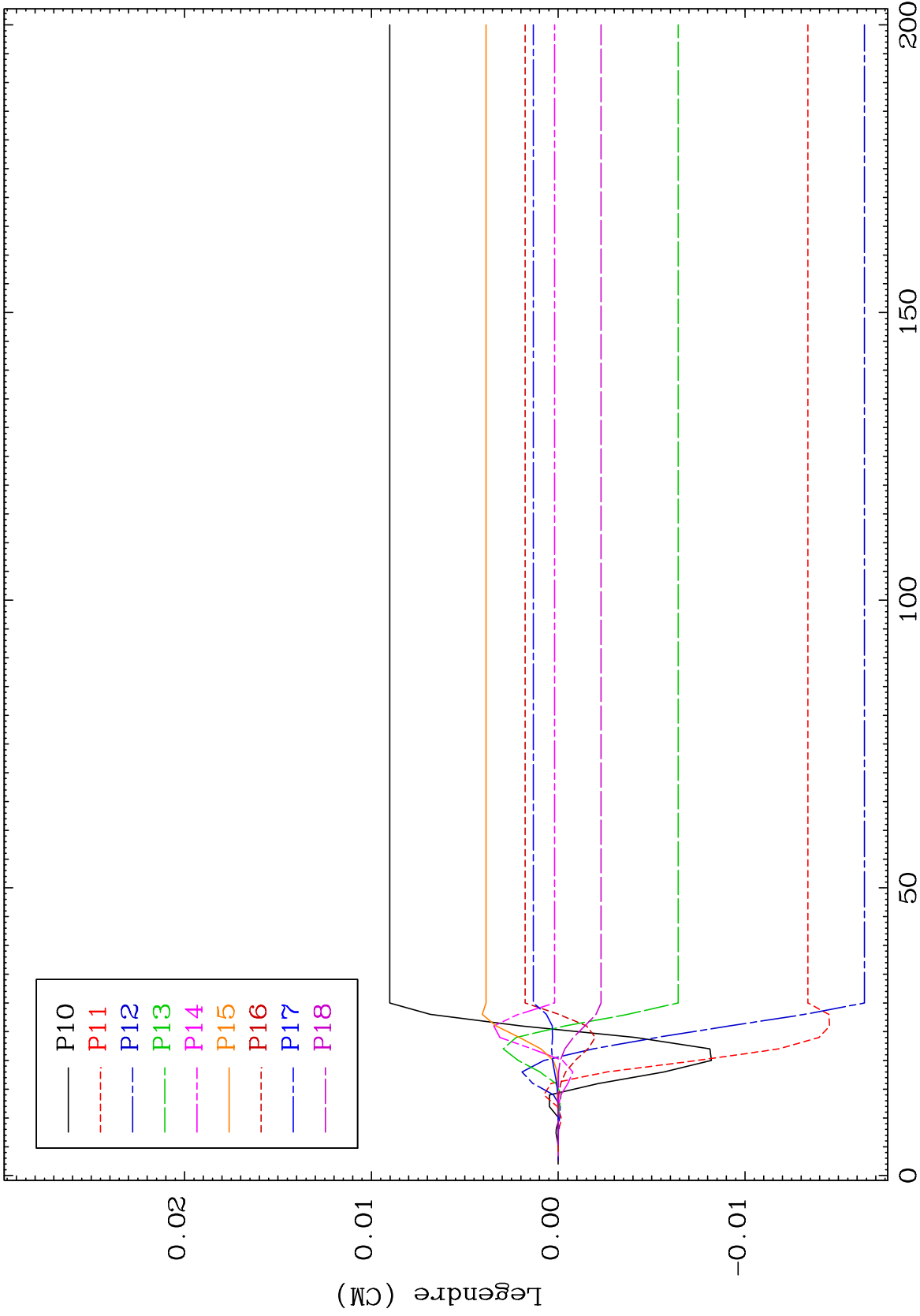
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



60

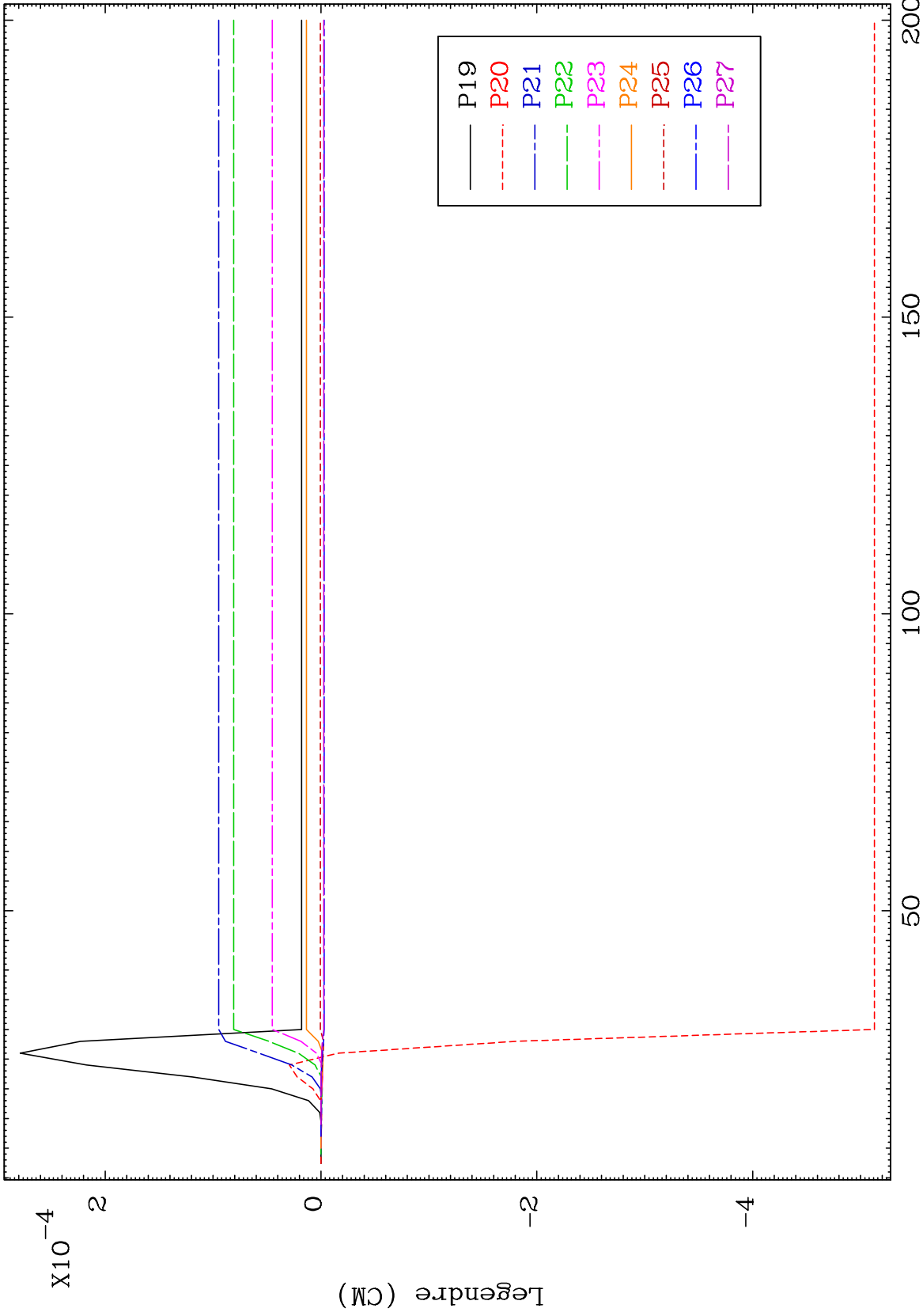
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



61

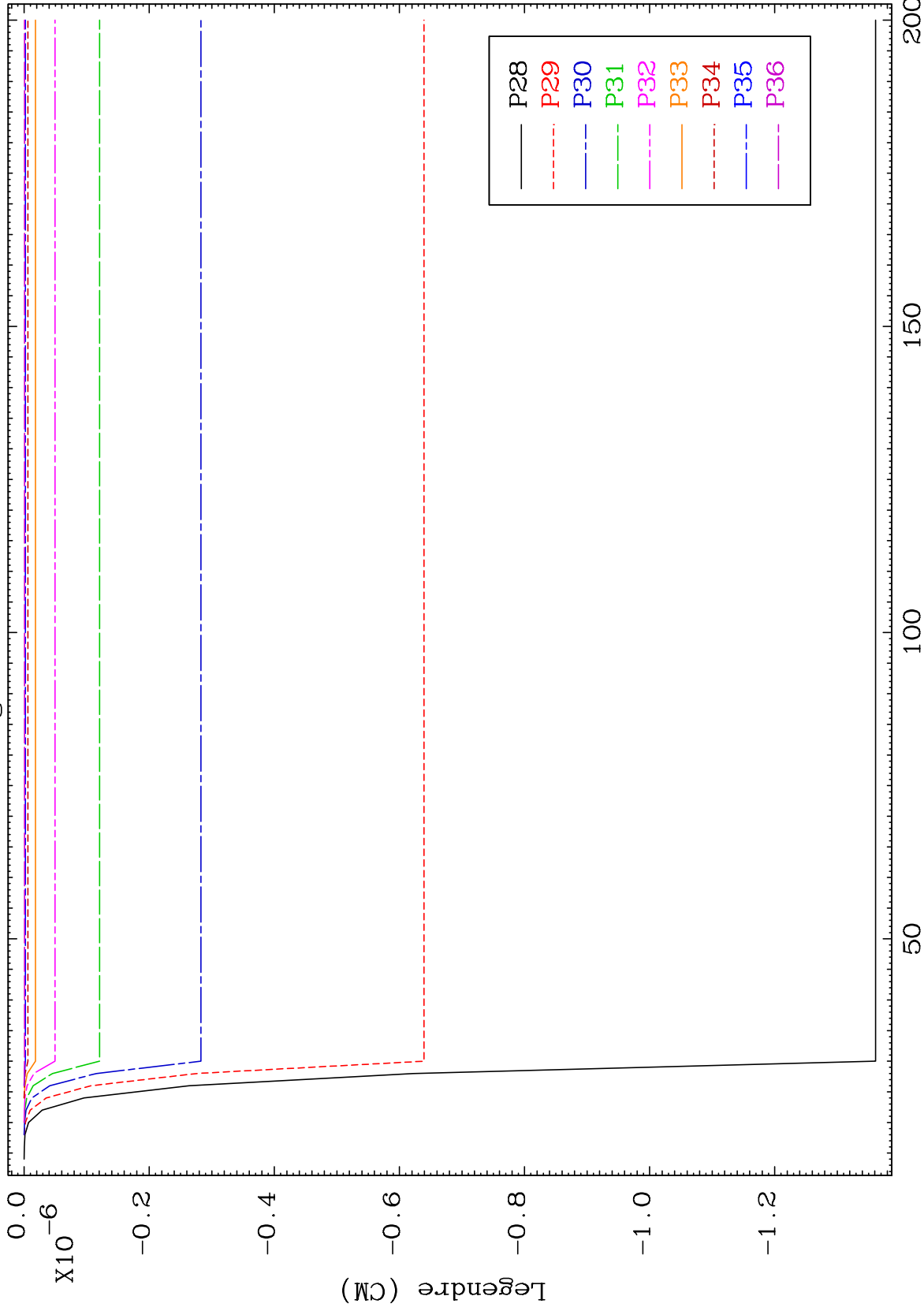
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



85-At-203

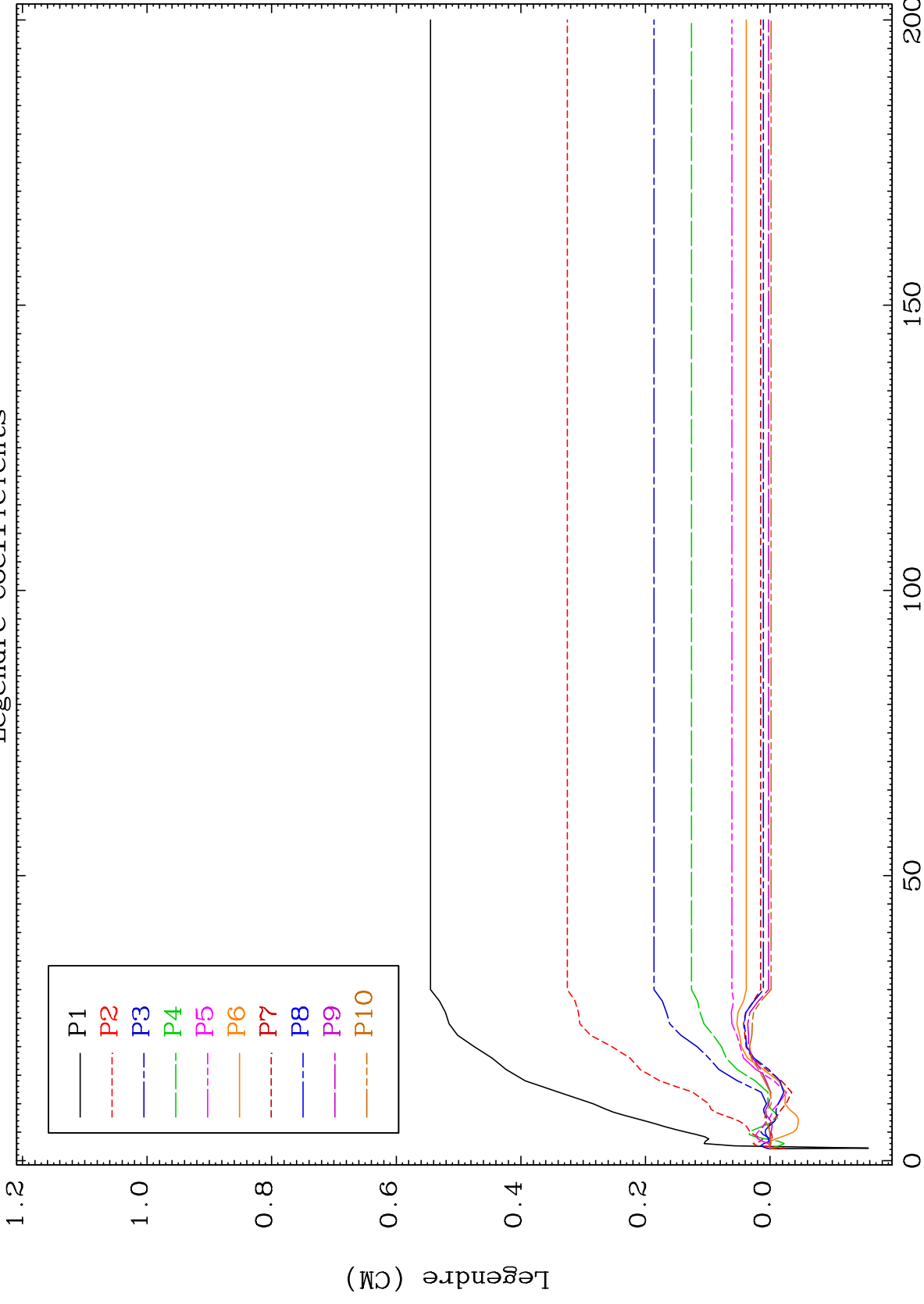
Incident Energy (MeV)

62

MAT 8525

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

85-At-203



63

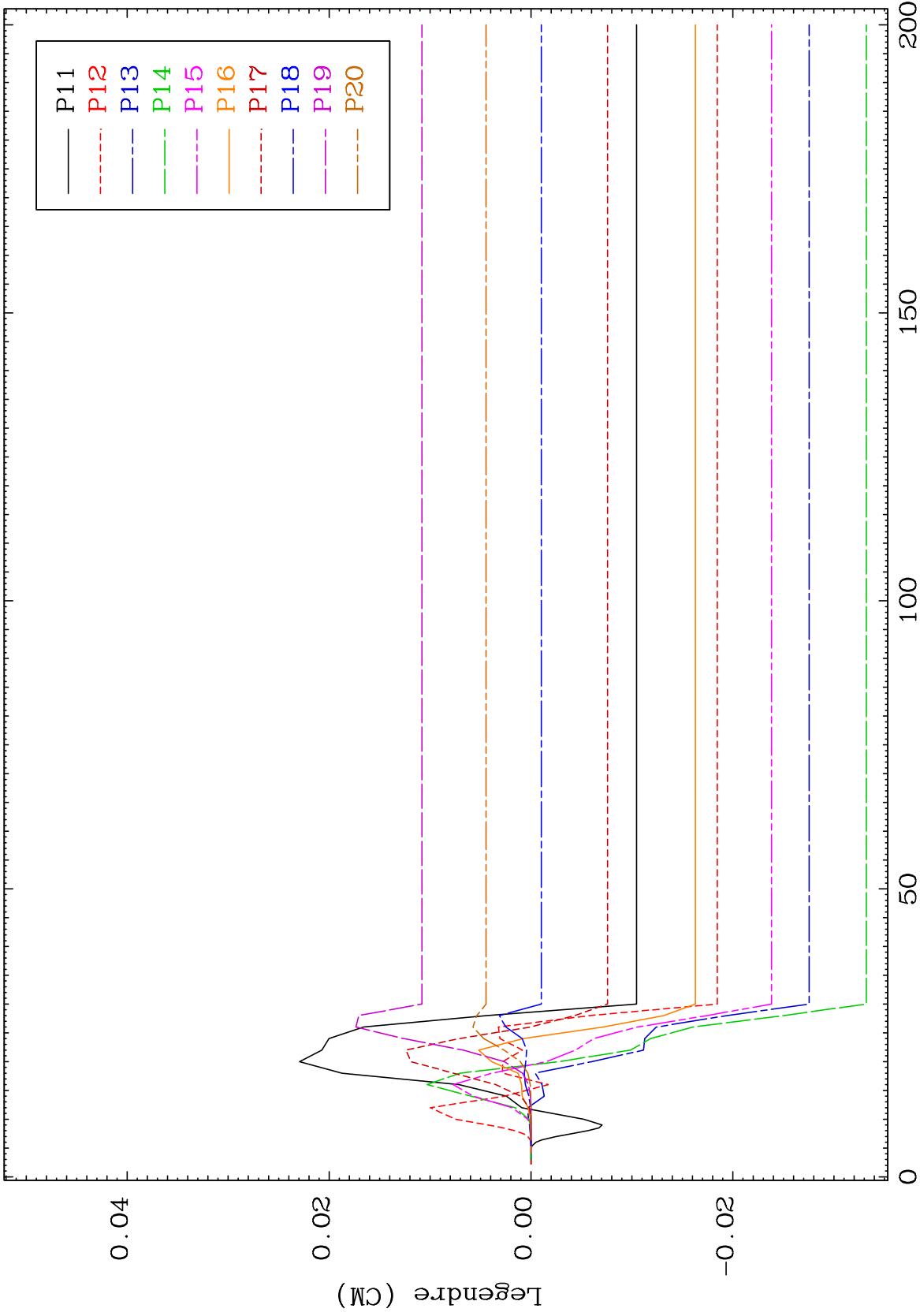
85-At-203



MAT 8525

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

85-At-203



64

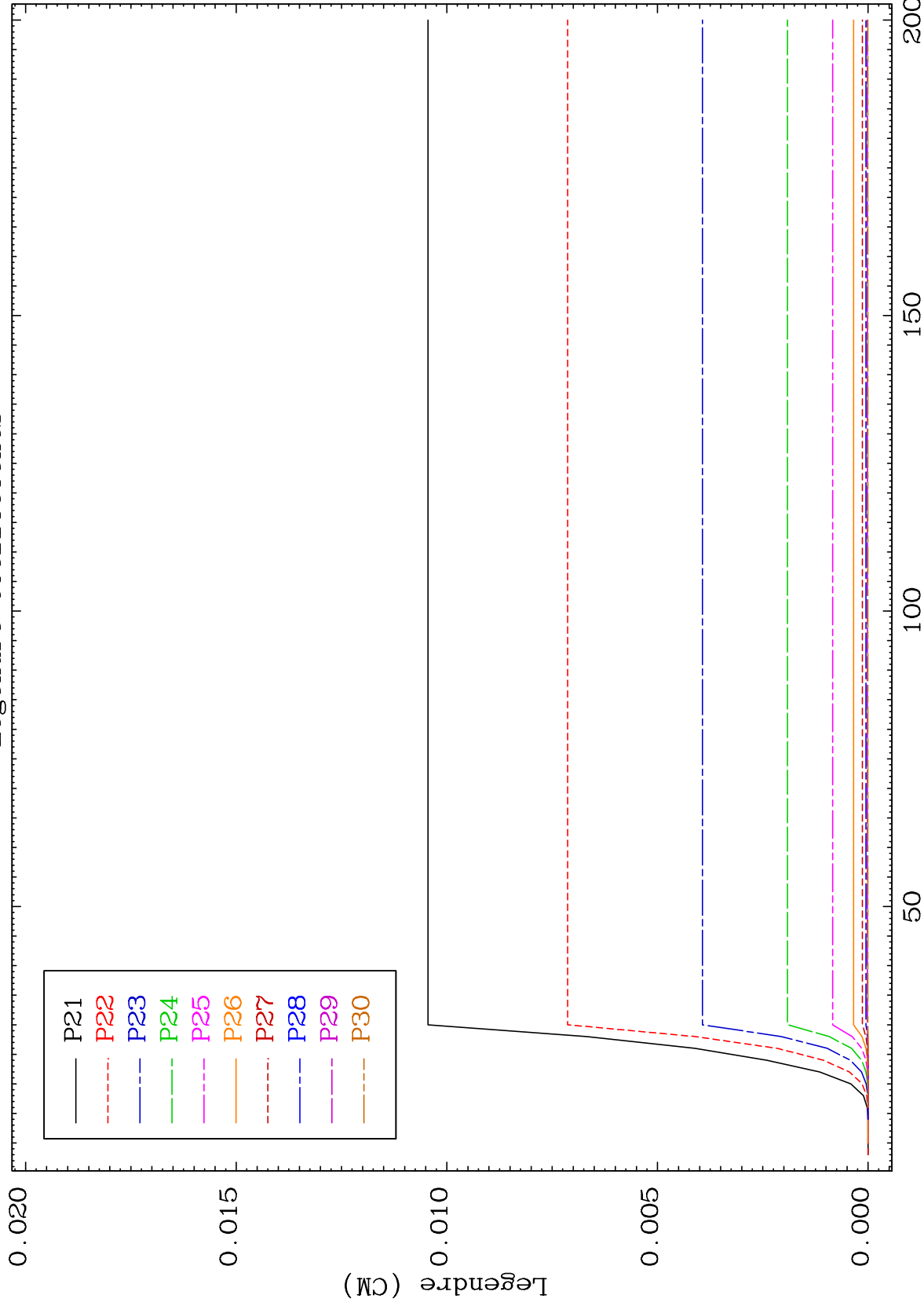
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



65

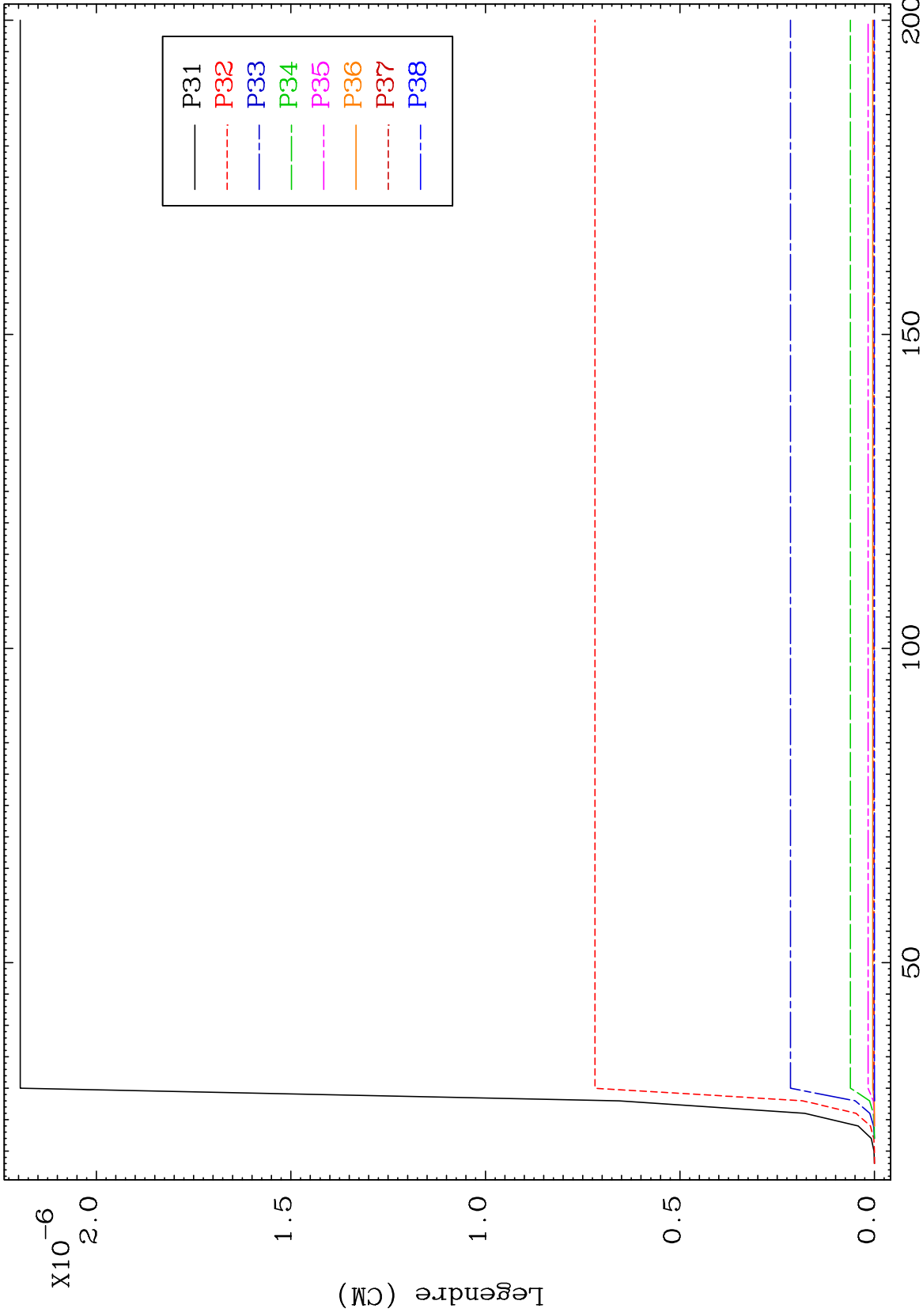
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



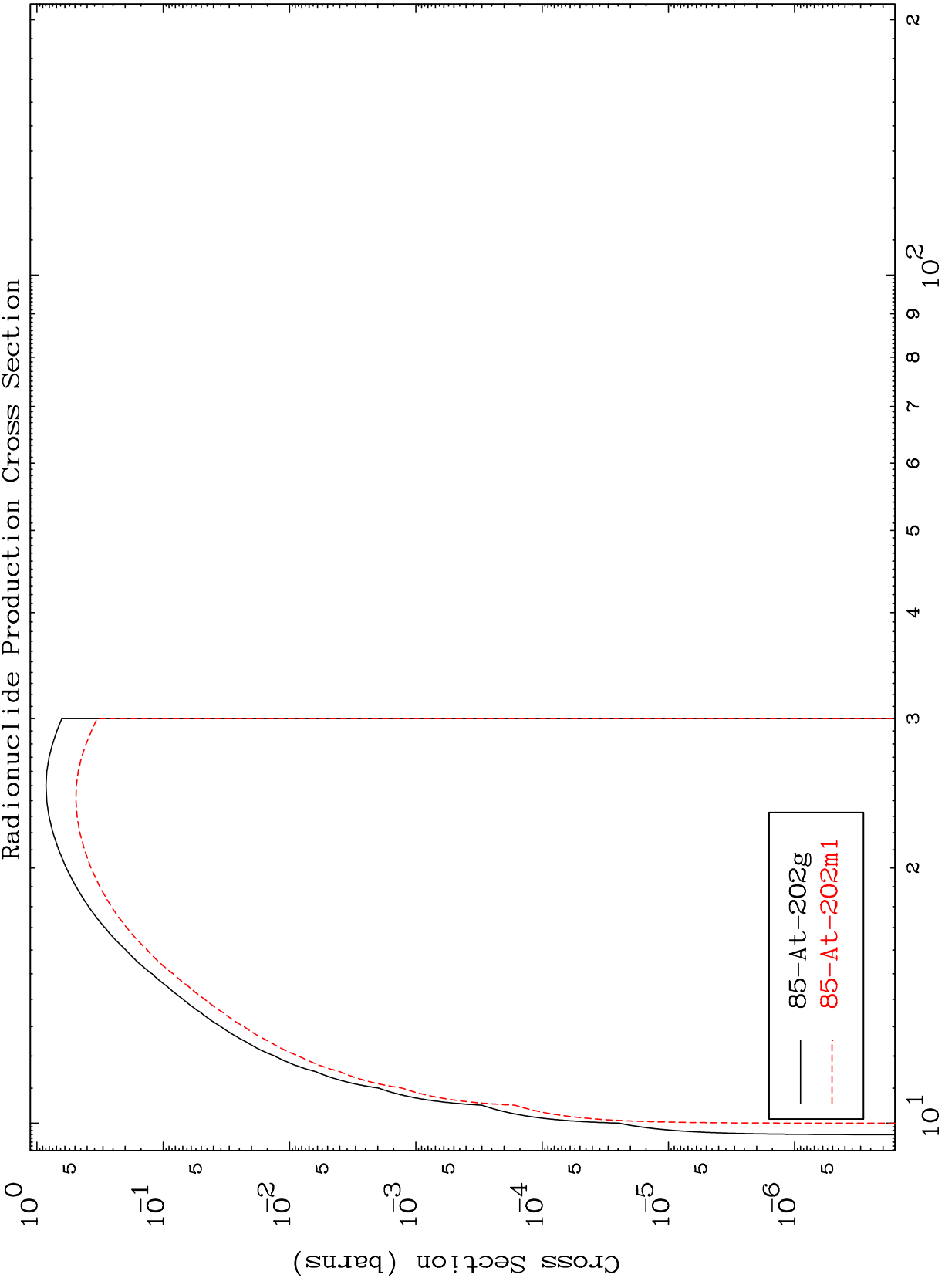
66

85-At-203

MAT 8525

85-At-203

Radionuclide Production Cross Section  
(n,2n)



67

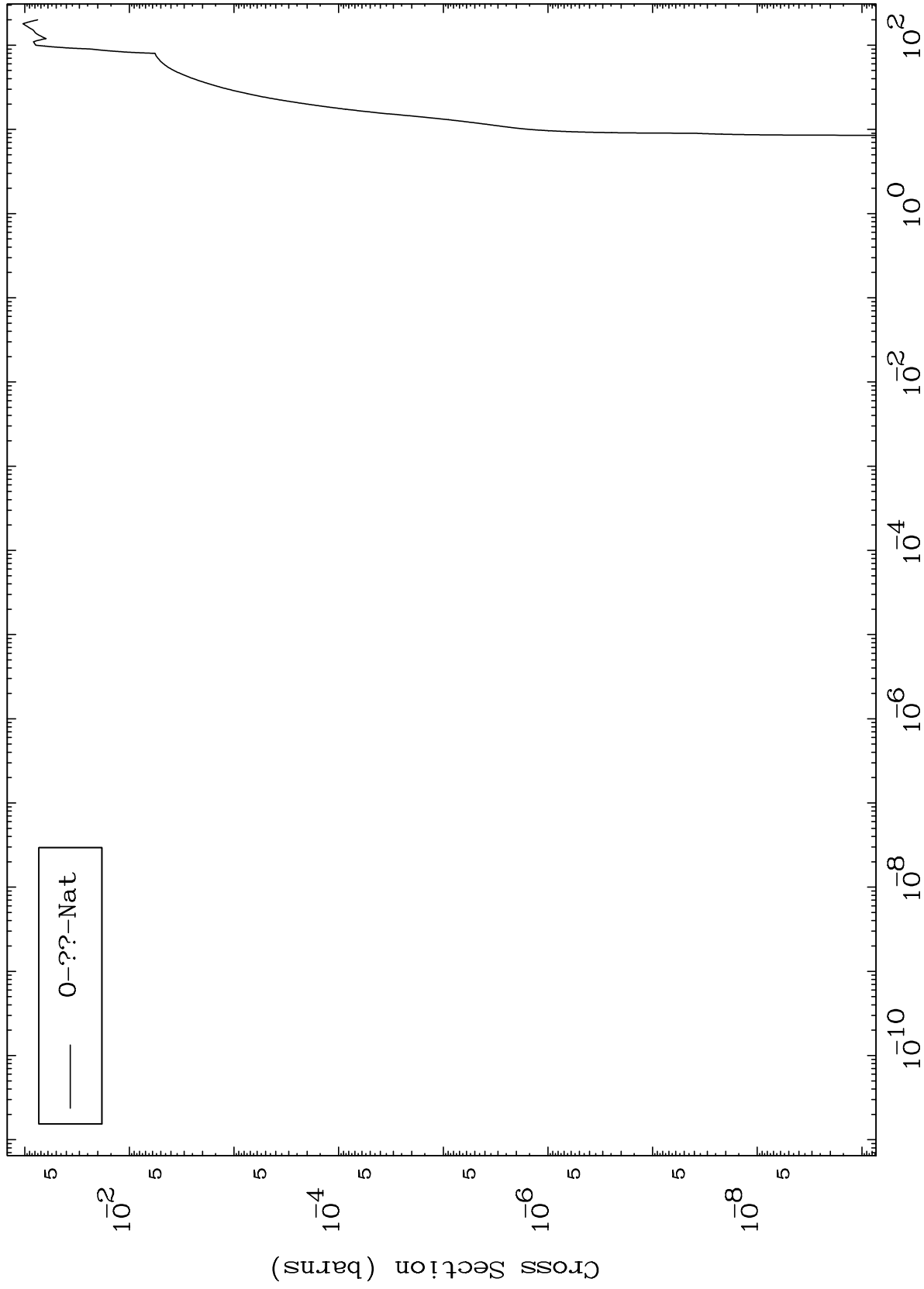
Incident Energy (MeV)

85-At-203

MAT 8525

Fission  
Radionuclide Production Cross Section

85-At-203



68

Incident Energy (MeV)

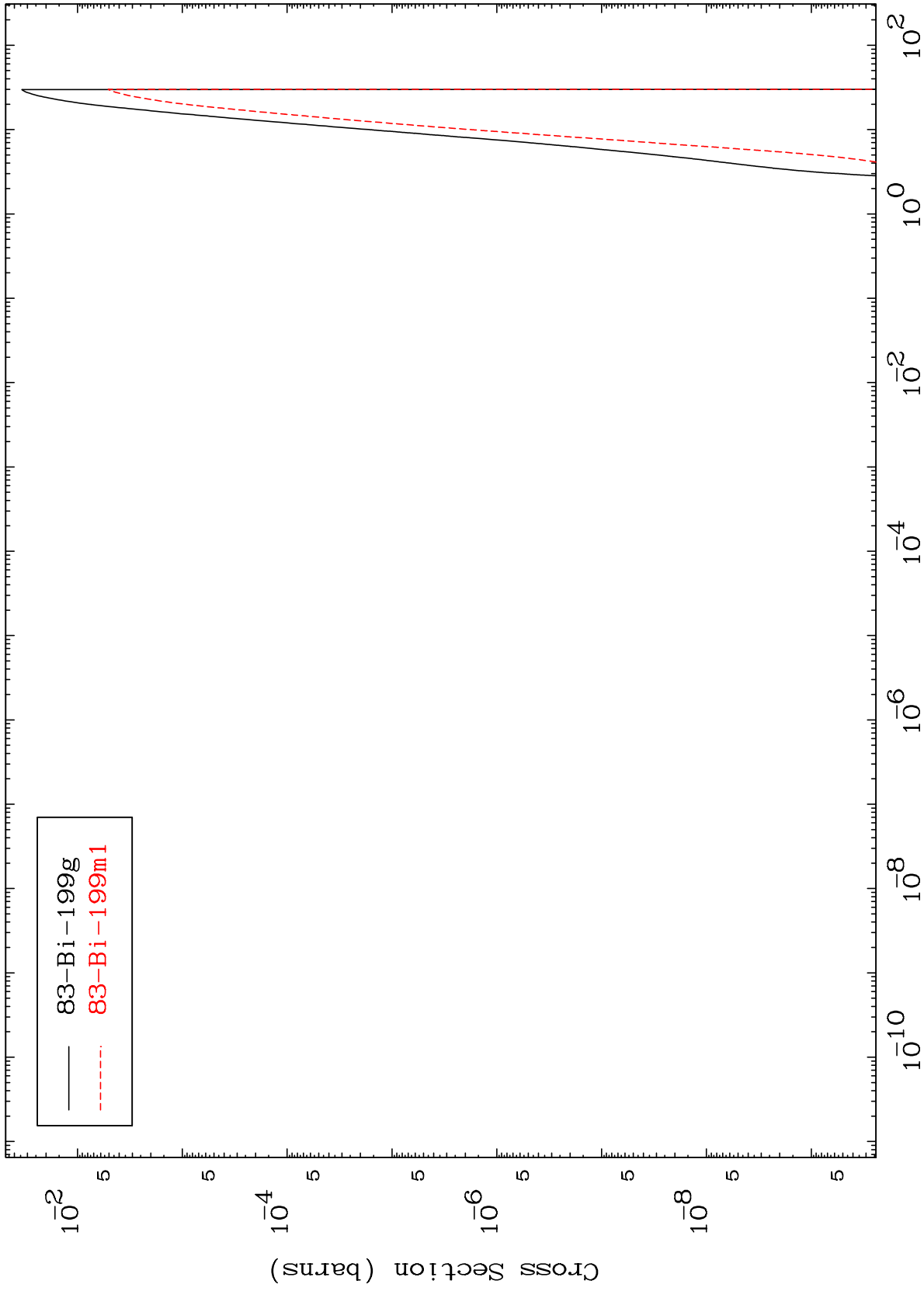
85-At-203

MAT 8525

(n,n')  $\alpha$

85-At-203

Radionuclide Production Cross Section



69

Incident Energy (MeV)

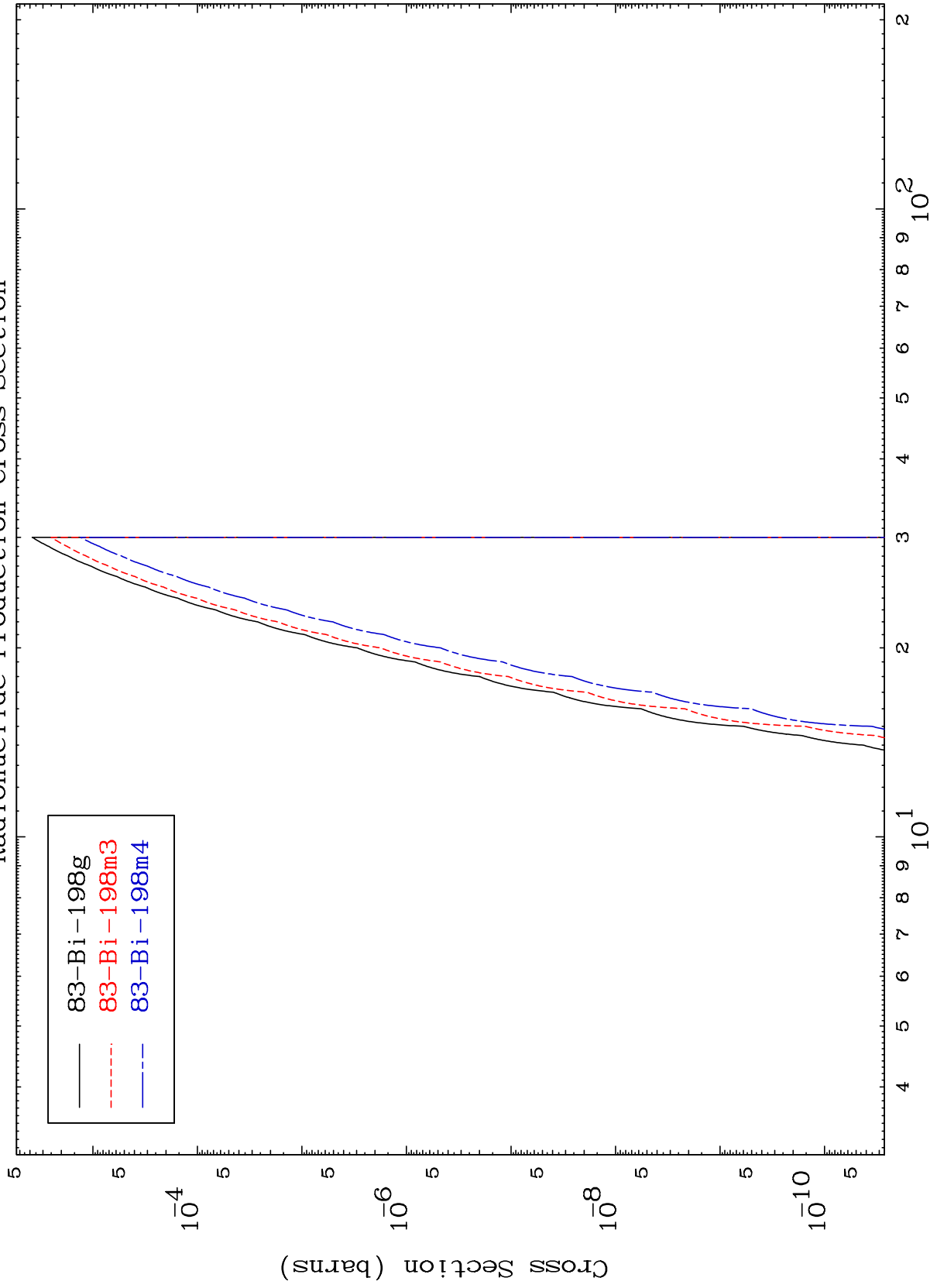
85-At-203

MAT 8525

(n,2n)  $\alpha$

85-At-203

Radionuclide Production Cross Section



70

Incident Energy (MeV)

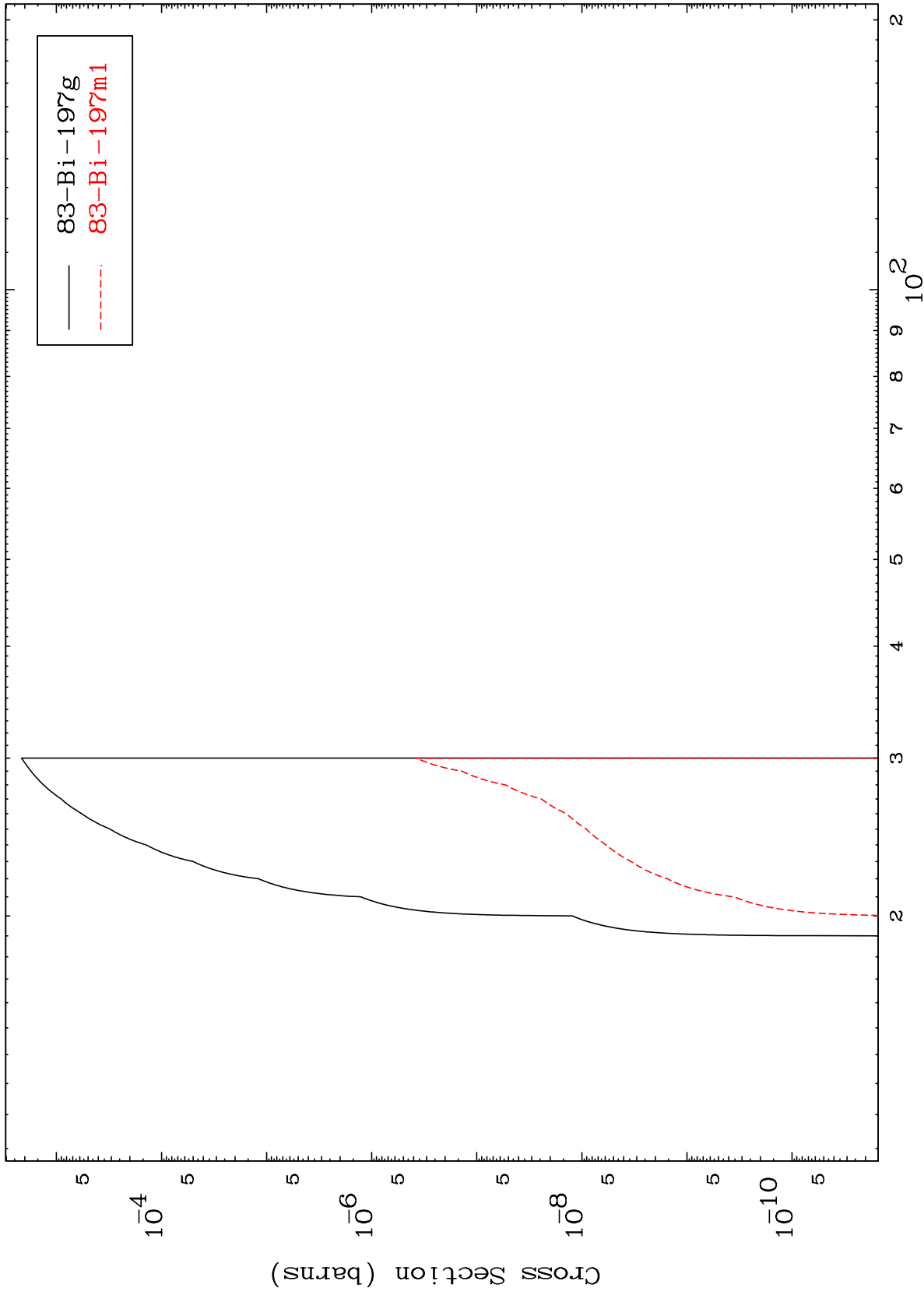
85-At-203

MAT 8525

(n,3n)  $\alpha$

85-At-203

Radionuclide Production Cross Section



71

Incident Energy (MeV)

85-At-203

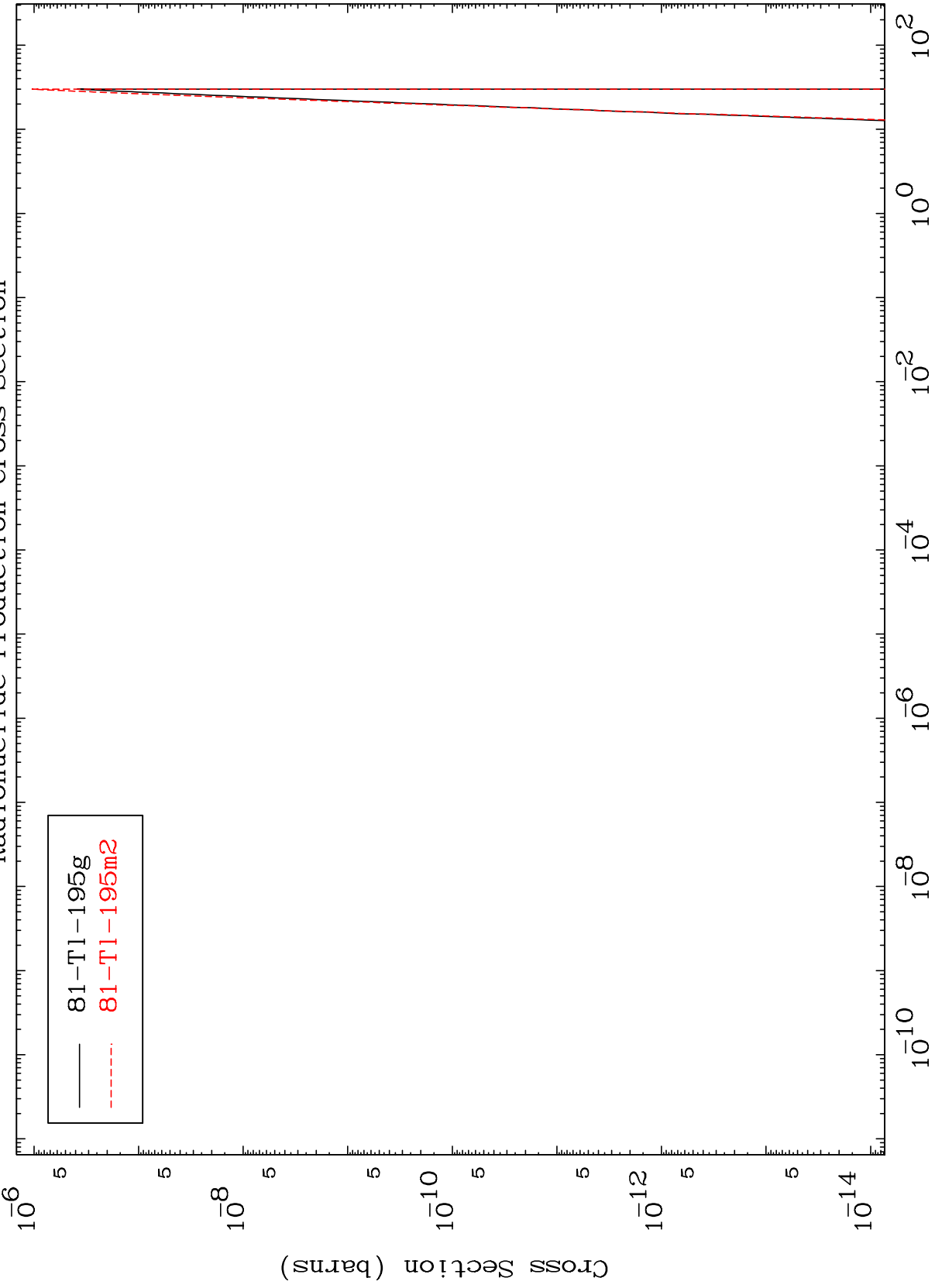


MAT 8525

(n,n') 2 $\alpha$

85-At-203

Radionuclide Production Cross Section



72

Incident Energy (MeV)

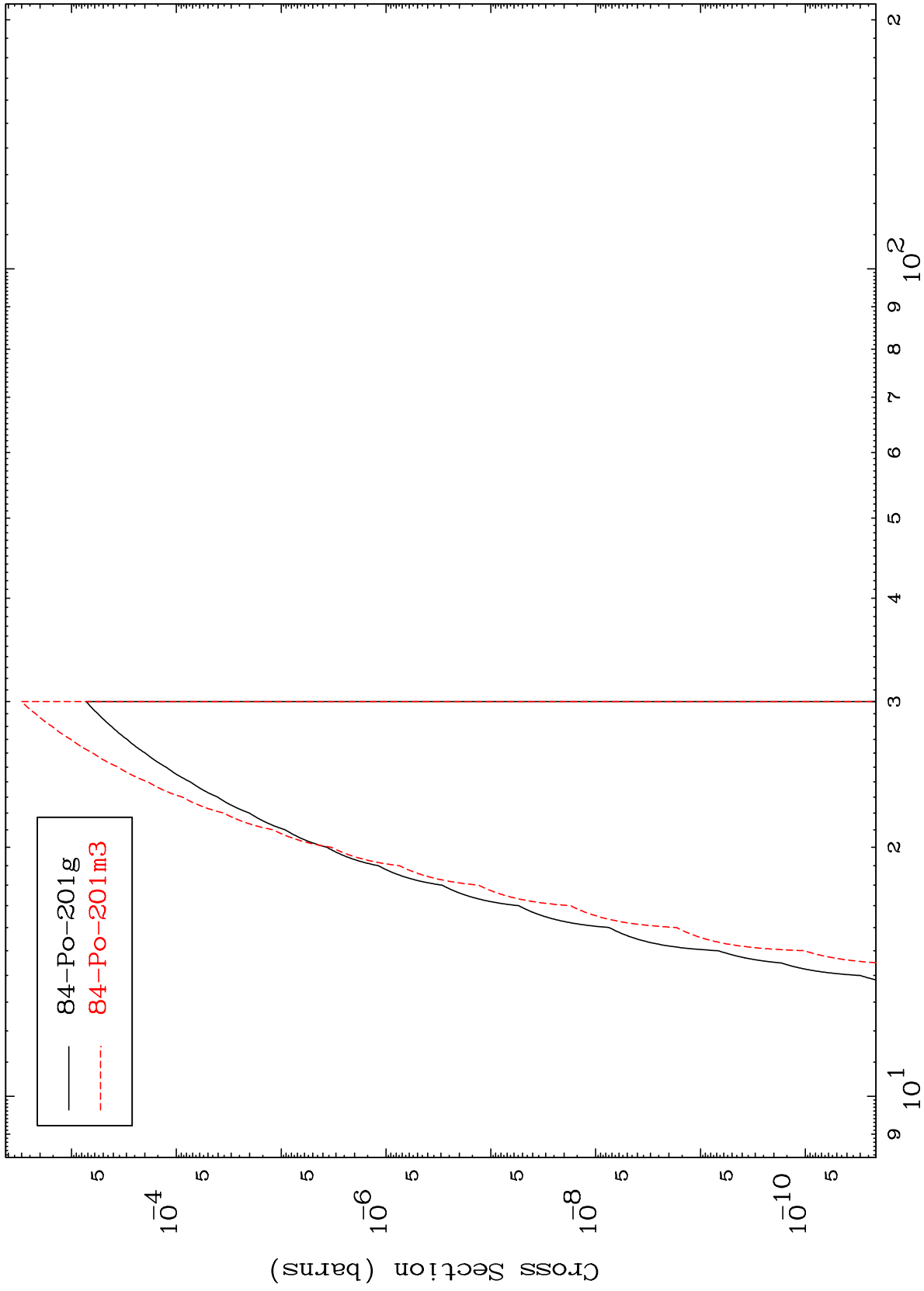
85-At-203

MAT 8525

(n,n') d

85-At-203

Radionuclide Production Cross Section



73

Incident Energy (MeV)

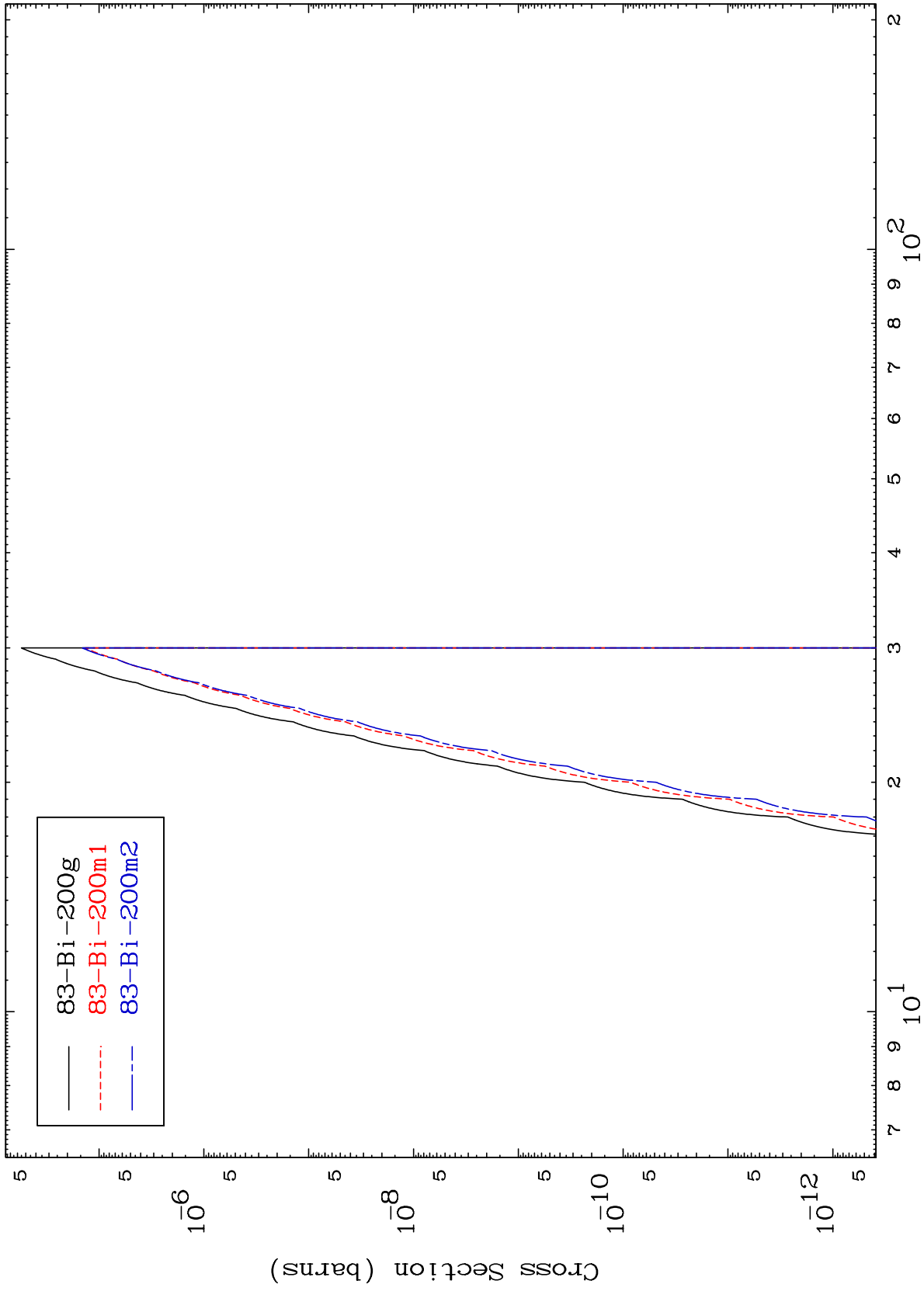
85-At-203

MAT 8525

(n, n') He-3

85-At-203

Radionuclide Production Cross Section



74

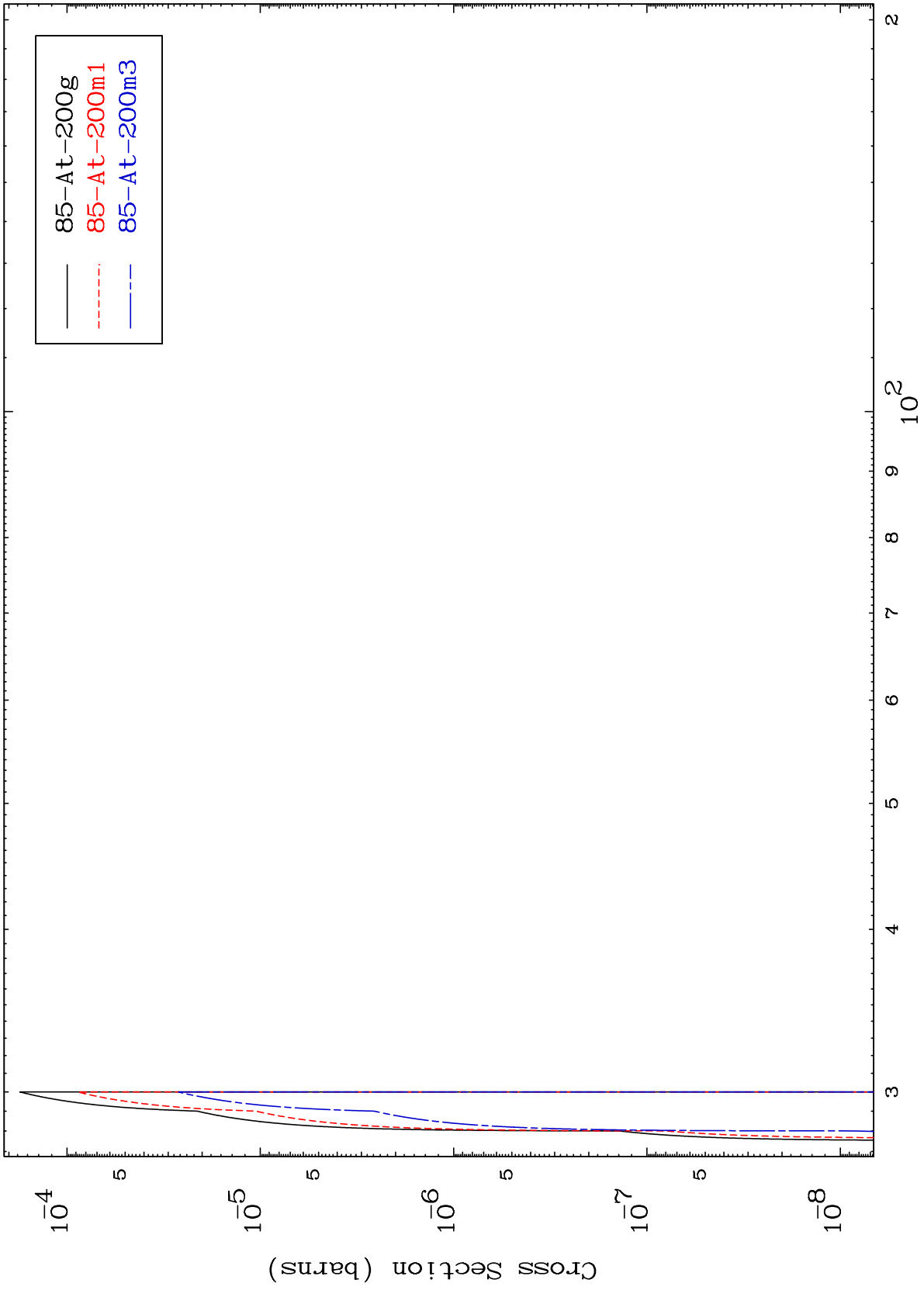
Incident Energy (MeV)

85-At-203

MAT 8525

85-At-203

(n,4n)  
Radionuclide Production Cross Section



75

85-At-203

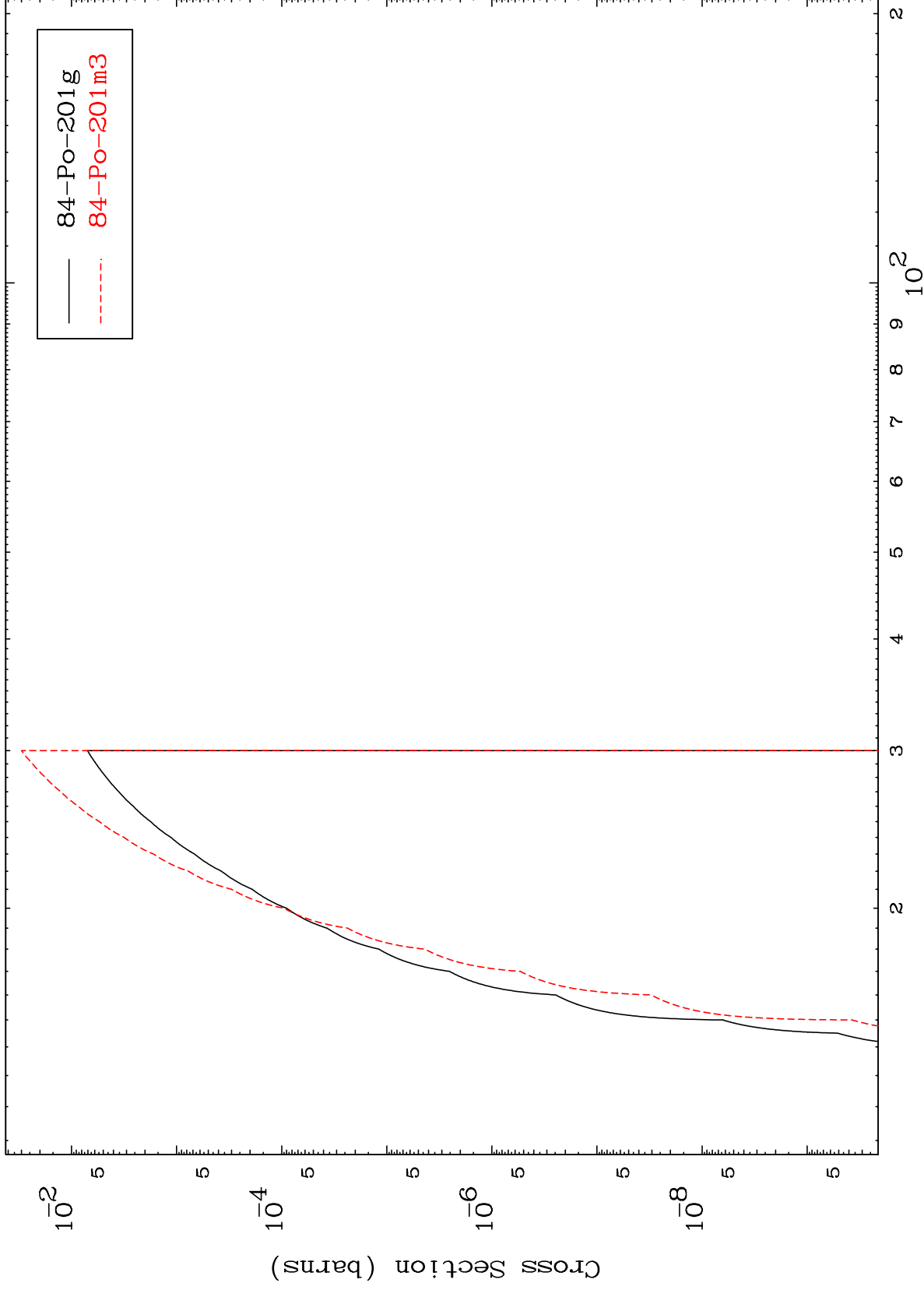
Incident Energy (MeV)

MAT 8525

(n,2n) p

85-At-203

Radionuclide Production Cross Section



76

Incident Energy (MeV)

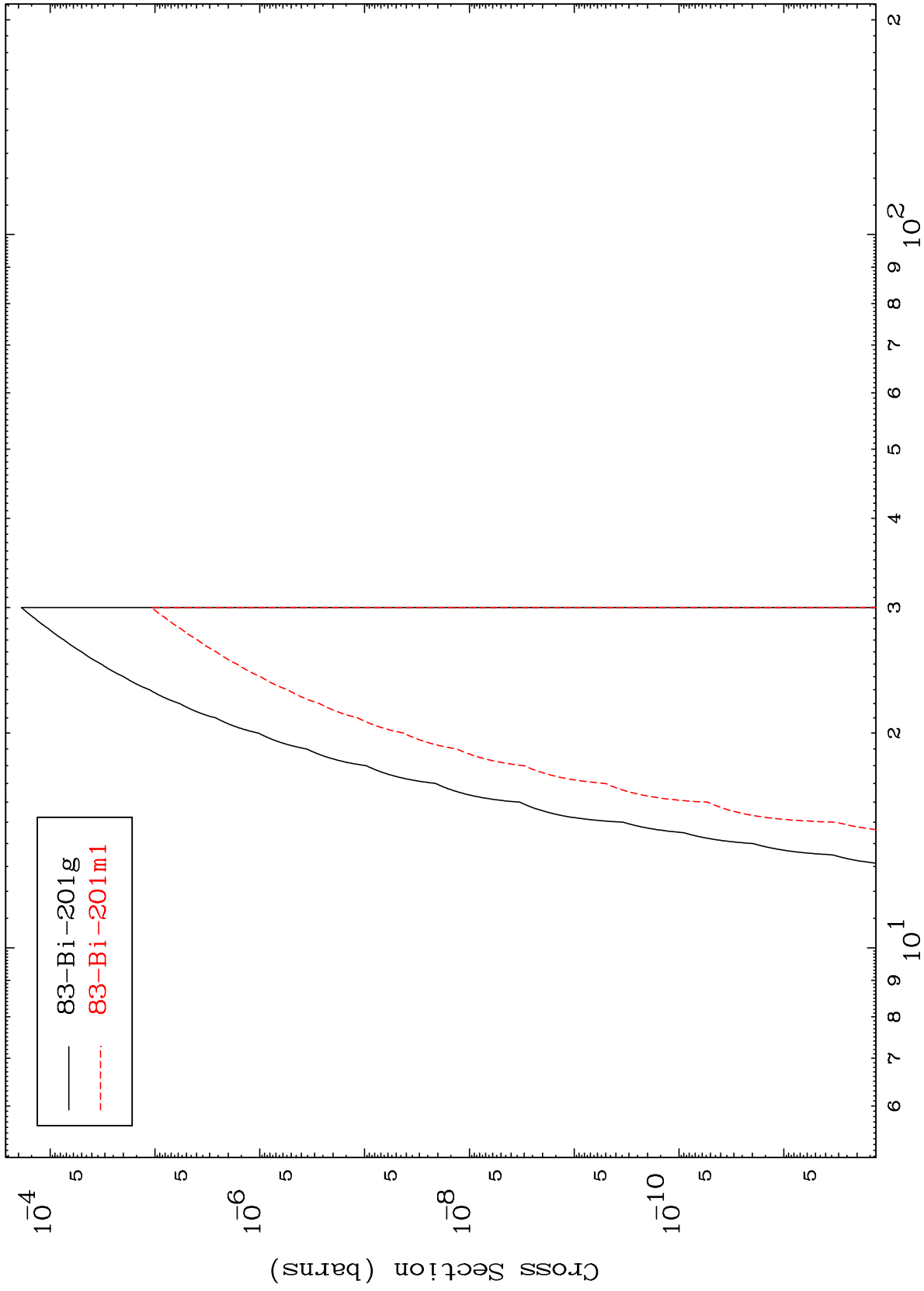
85-At-203

MAT 8525

(n,2n) p

85-At-203

Radionuclide Production Cross Section



77

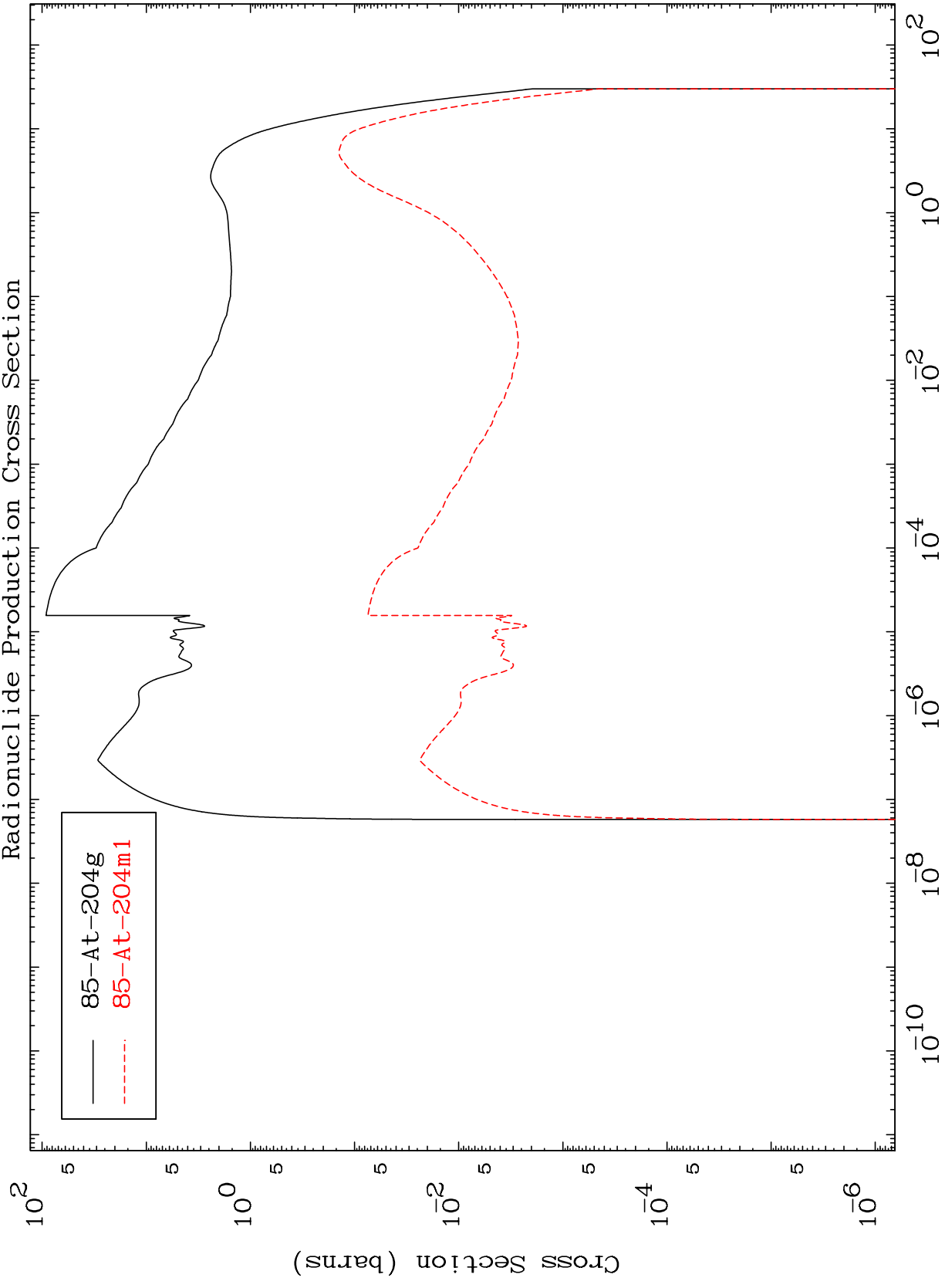
Incident Energy (MeV)

85-At-203

MAT 8525

85-At-203

Radionuclide Production Cross Section (n,γ)



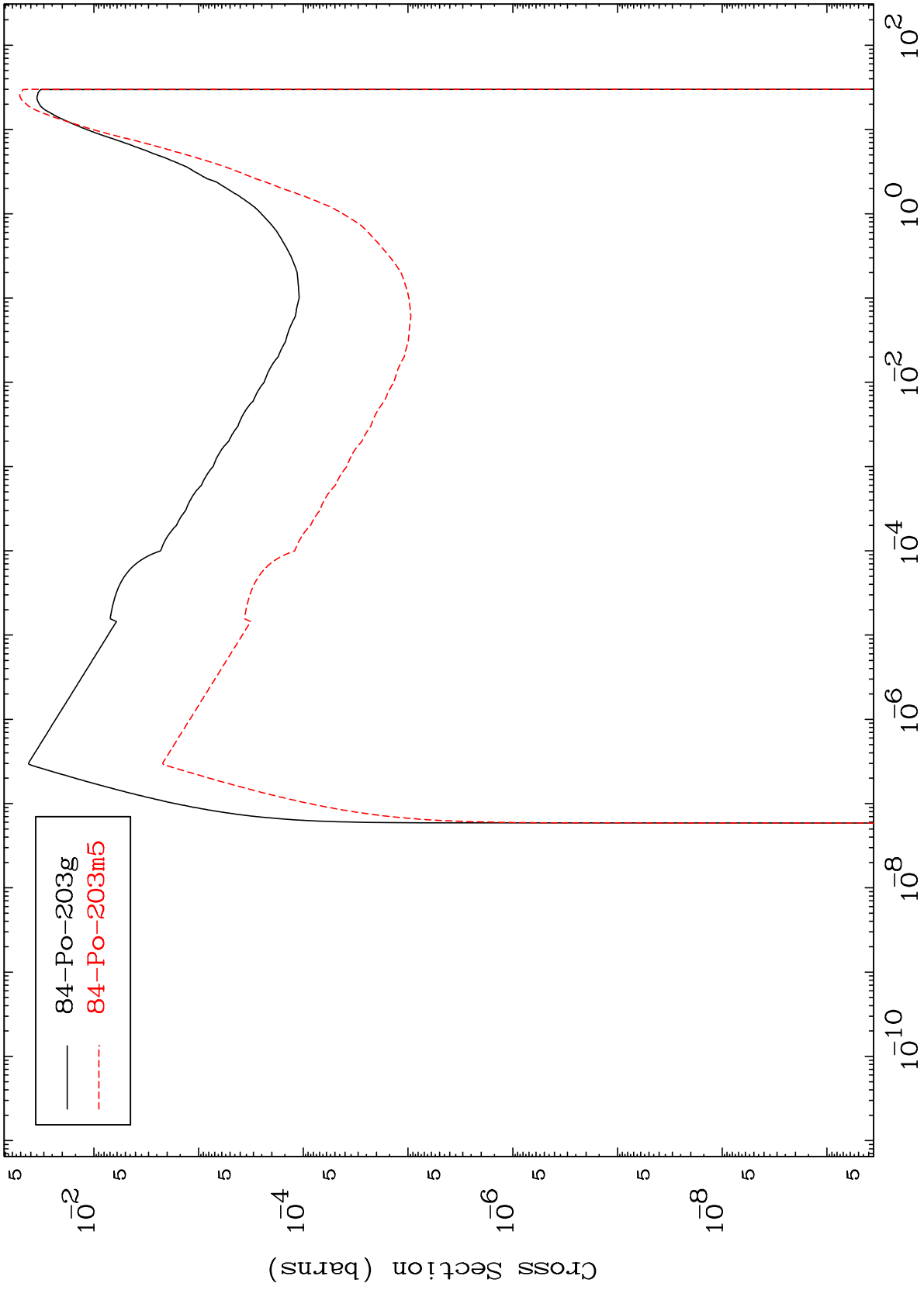
78

85-At-203

MAT 8525

85-At-203

(n,p)  
Radionuclide Production Cross Section



— 84-Po-203g  
- - - 84-Po-203m5

79

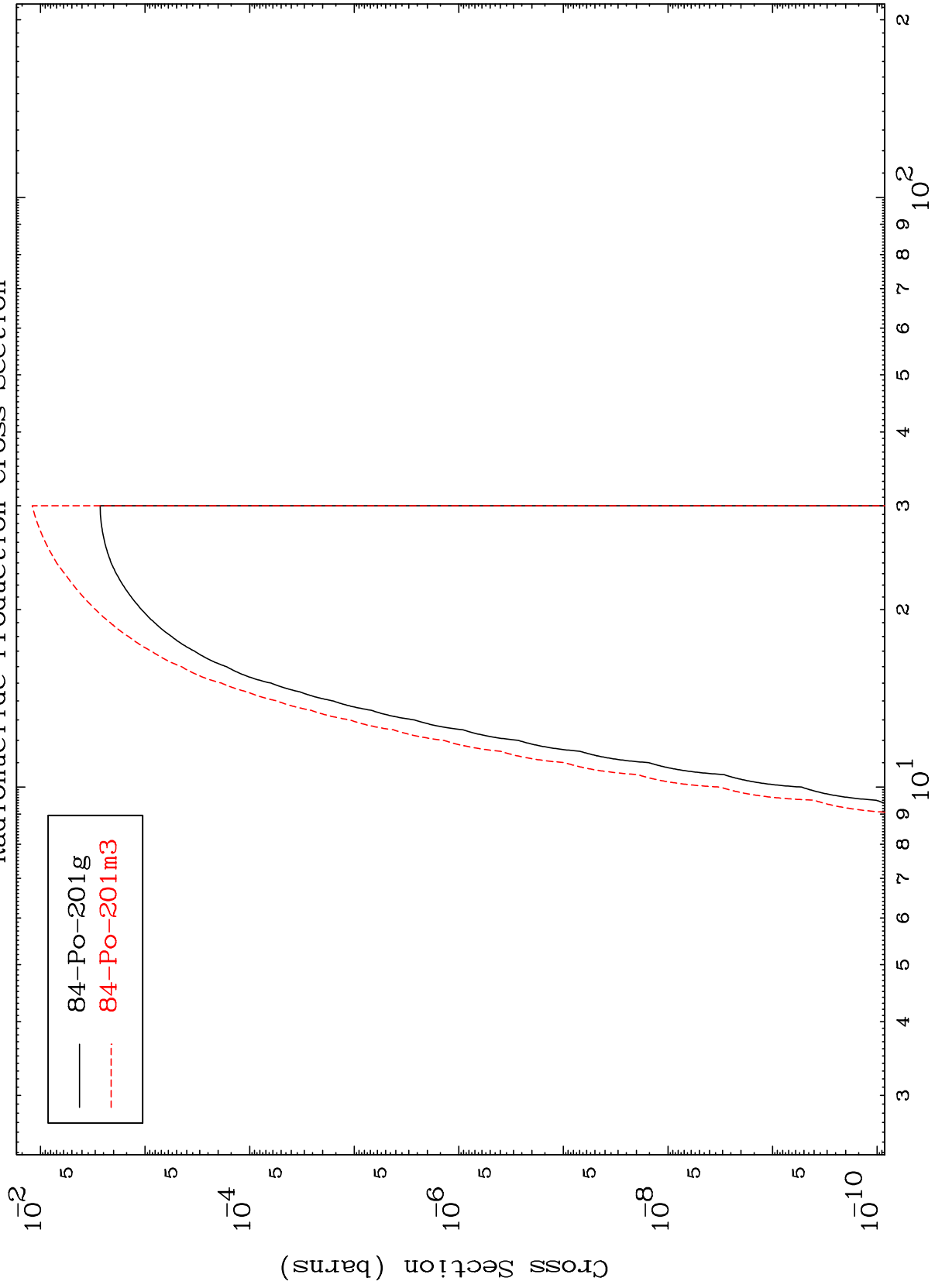
85-At-203



MAT 8525

85-At-203

(n, t)  
Radionuclide Production Cross Section



84-Po-201 g  
84-Po-201 m3

80

Incident Energy (MeV)

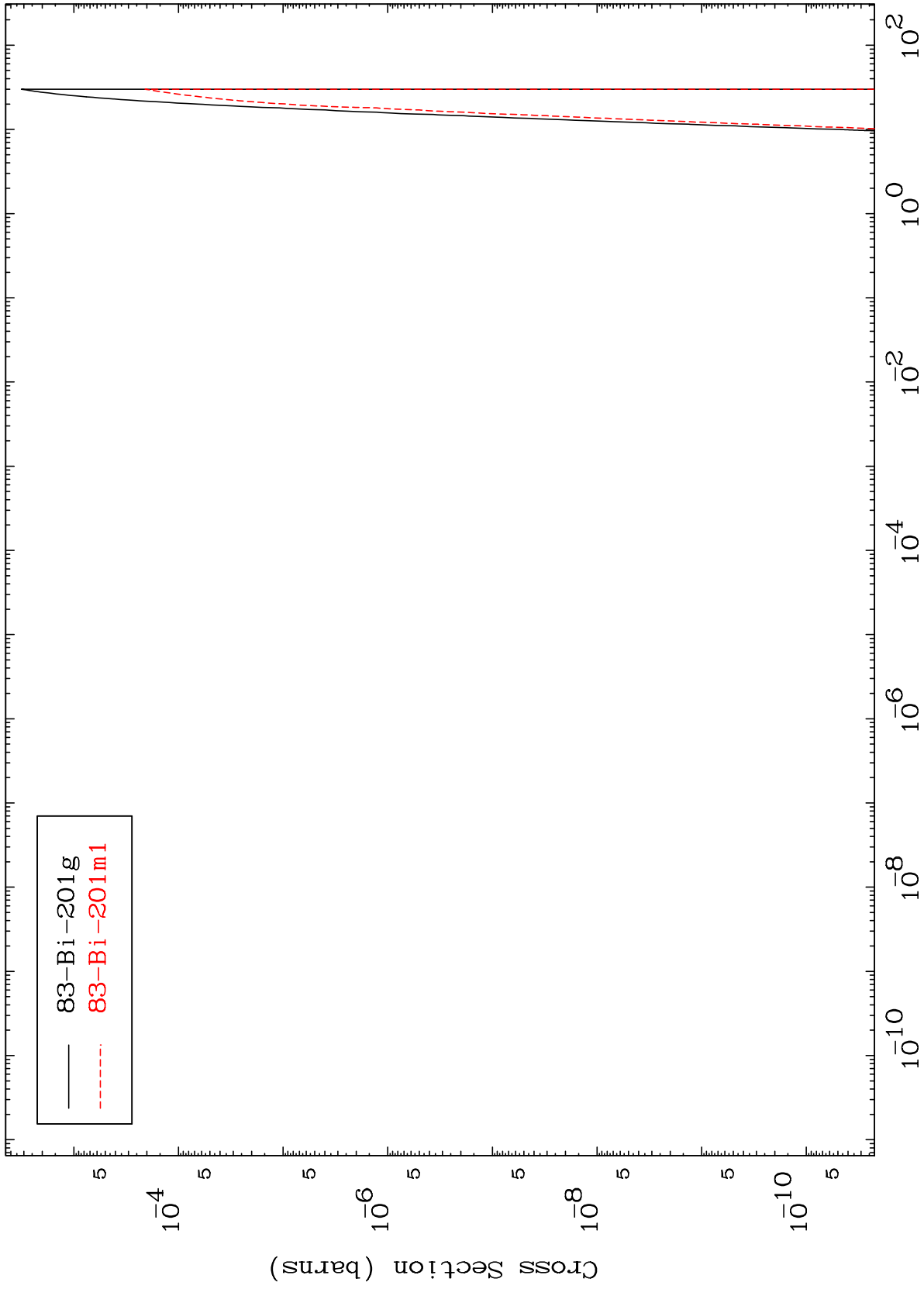
85-At-203

MAT 8525

(n,He-3)

85-At-203

Radionuclide Production Cross Section



81

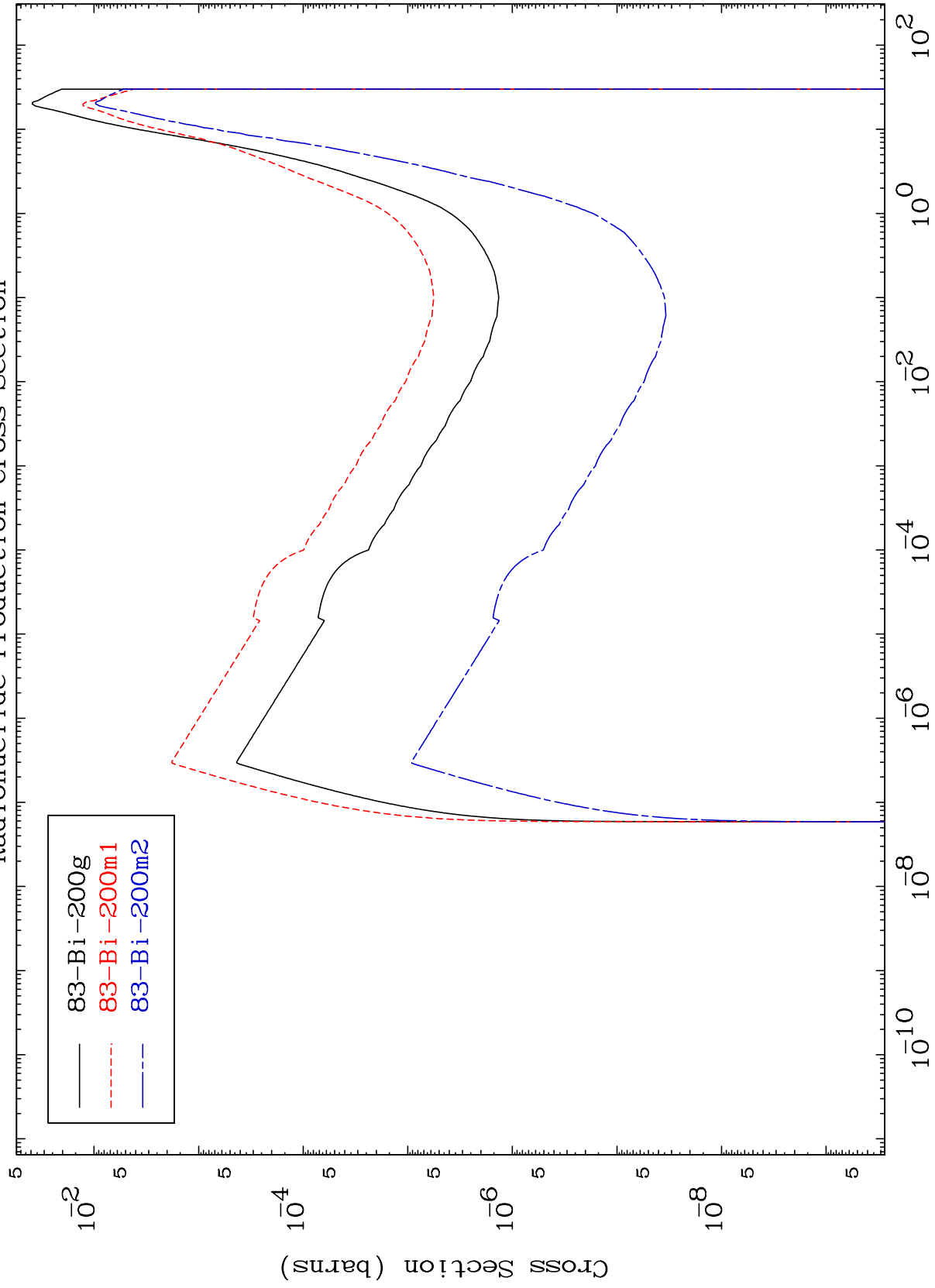
Incident Energy (MeV)

85-At-203

MAT 8525

85-At-203

Radionuclide Production Cross Section (n,α)



82

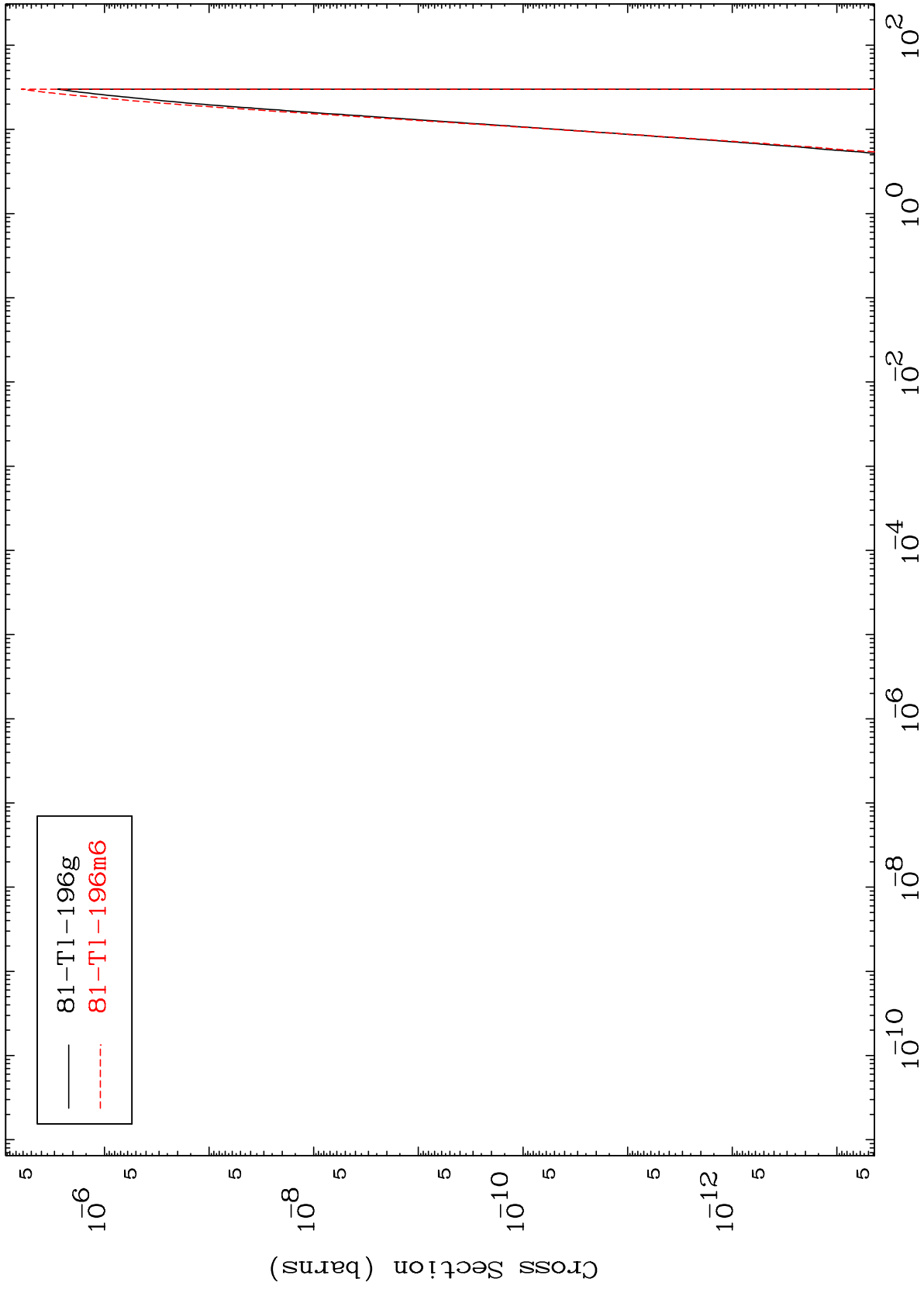
85-At-203

MAT 8525

(n,2α)

85-At-203

Radionuclide Production Cross Section



83

Incident Energy (MeV)

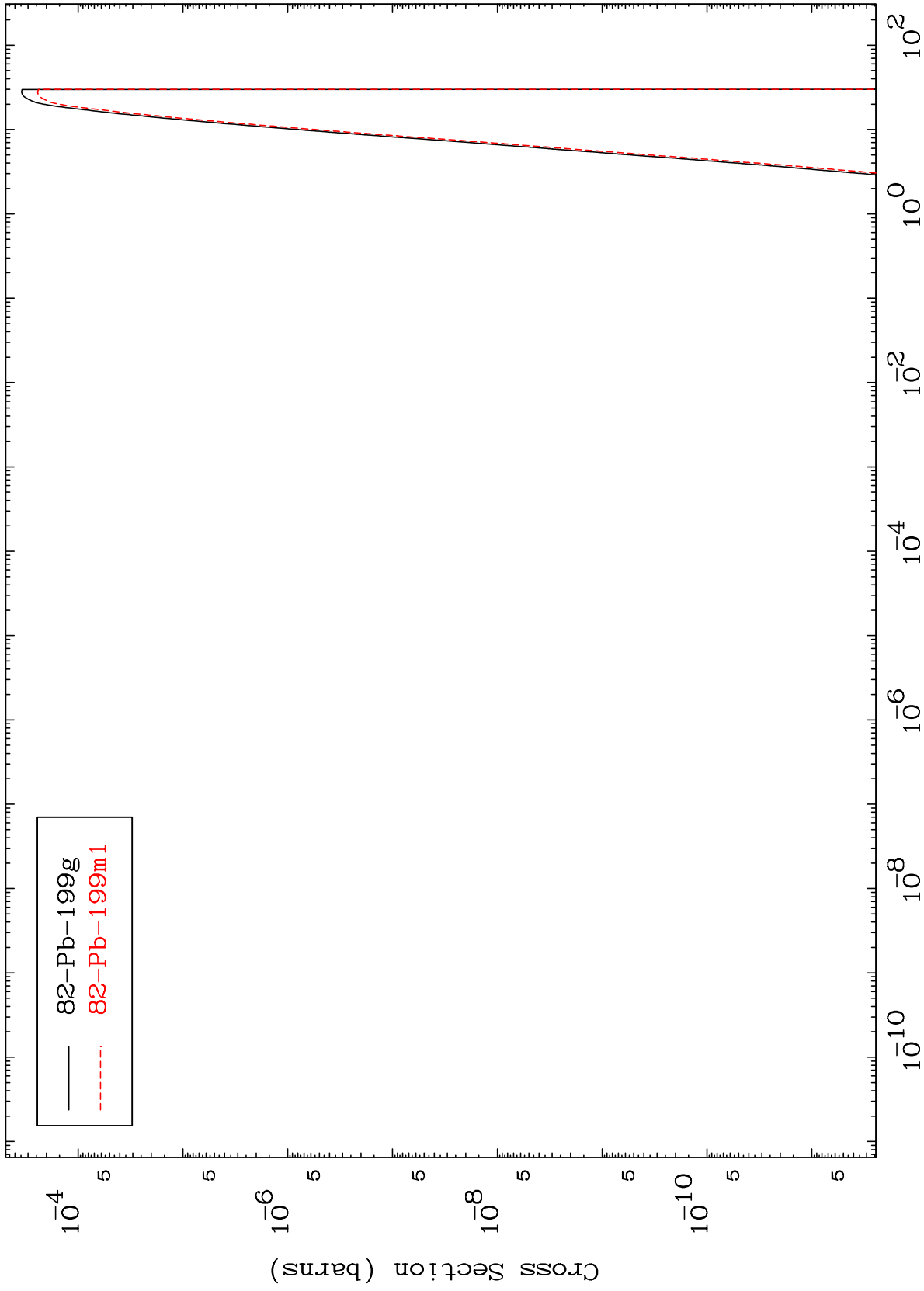
85-At-203

MAT 8525

(n,p)  $\alpha$

85-At-203

Radionuclide Production Cross Section



84

Incident Energy (MeV)

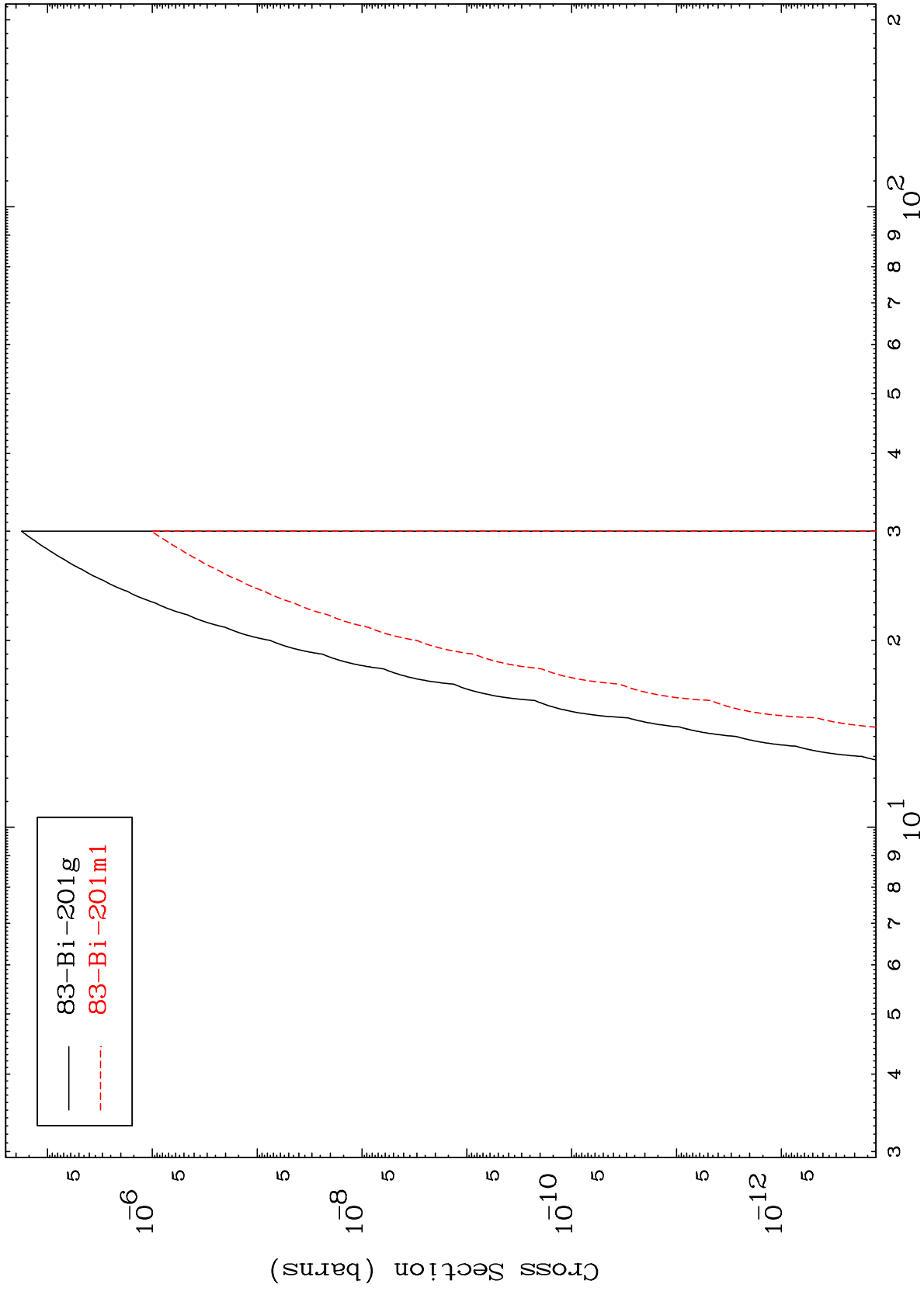
85-At-203

MAT 8525

(n,p) d

85-At-203

### Radionuclide Production Cross Section



85

Incident Energy (MeV)

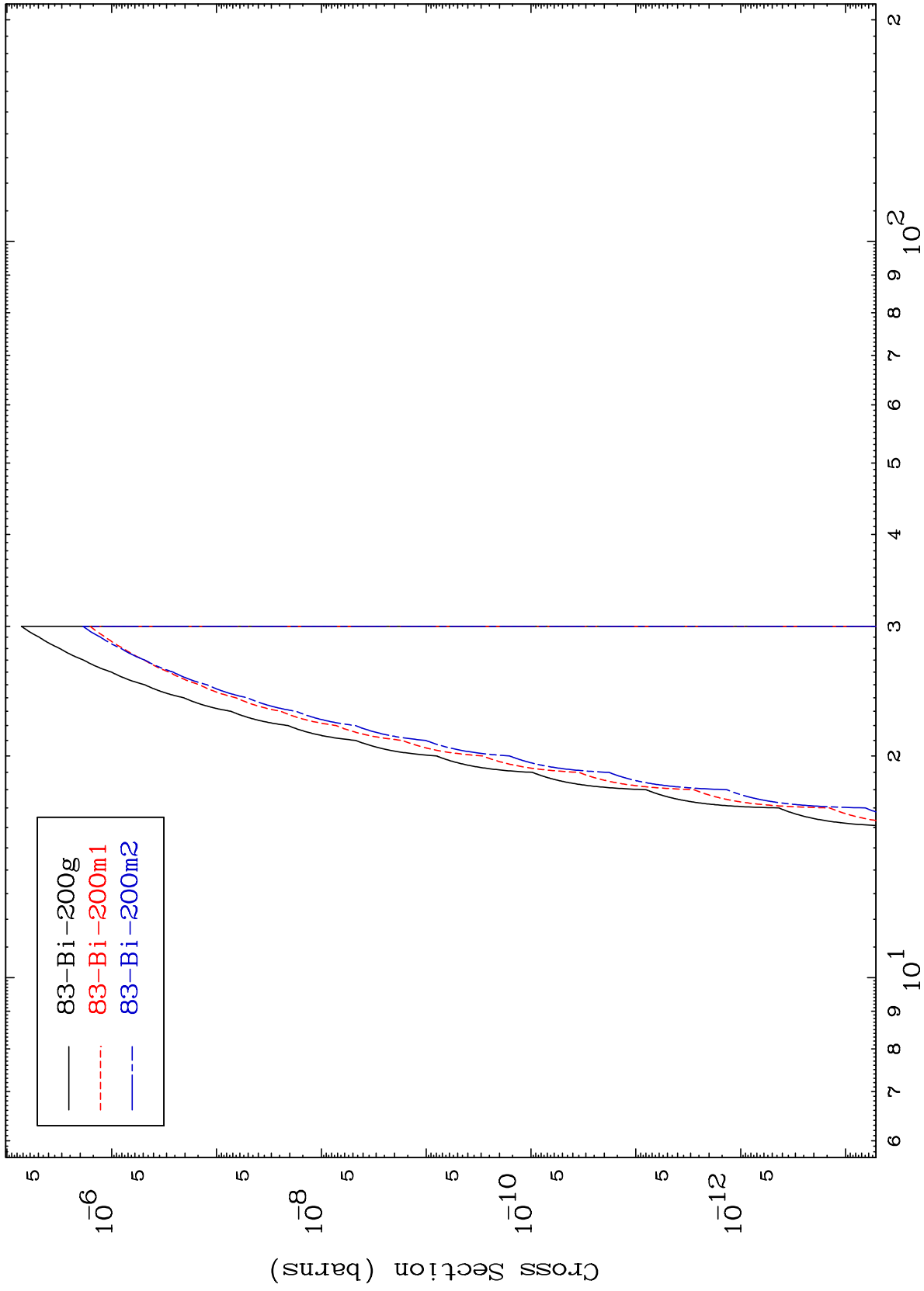
85-At-203

MAT 8525

(n,p) t

85-At-203

Radionuclide Production Cross Section



86

Incident Energy (MeV)

85-At-203