

Program EVALPLOT  
(Version 2018-1)

by

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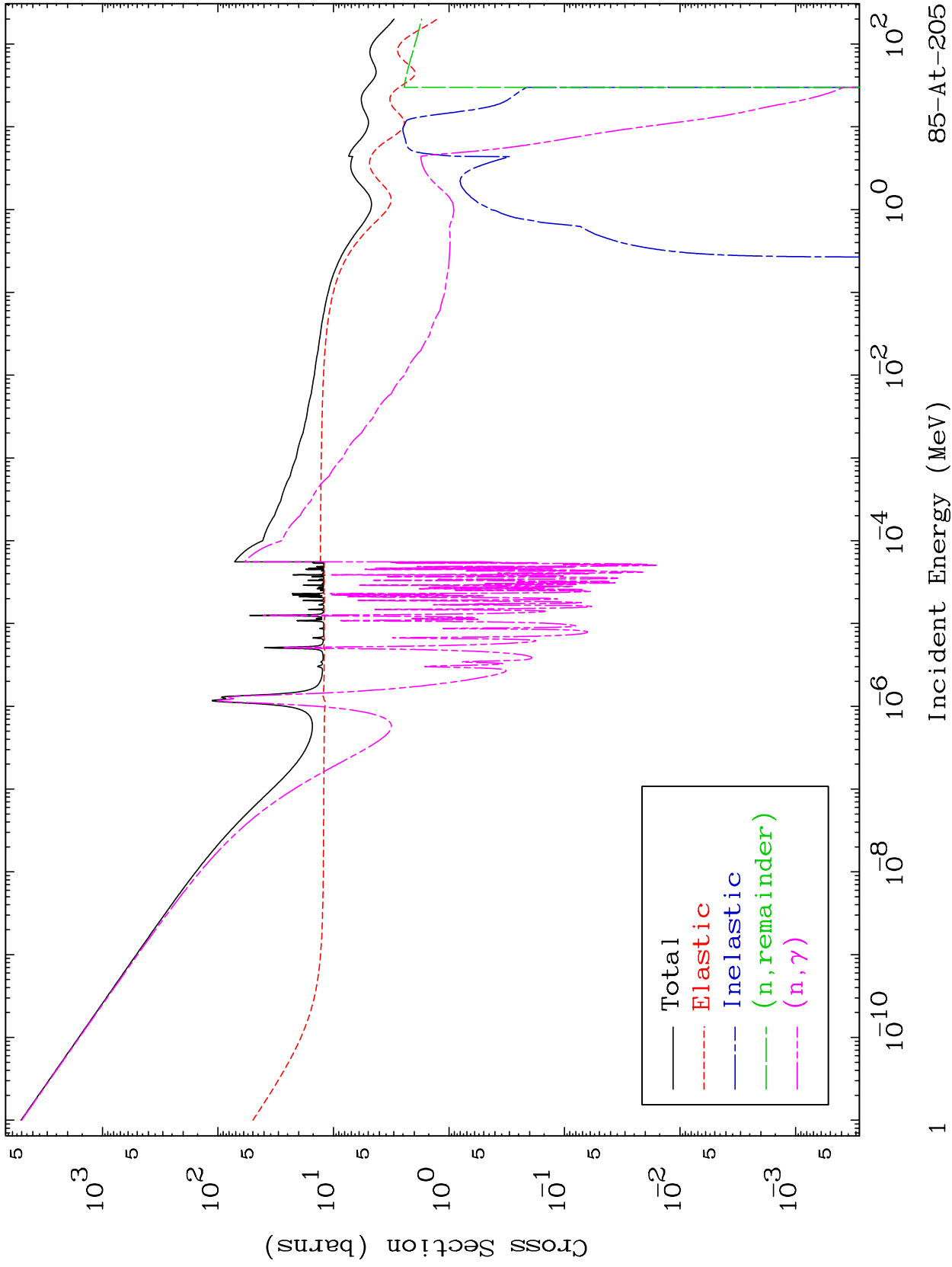
Press Mouse Button to Start

MAT 8531

Major

293 Kelvin Cross Sections

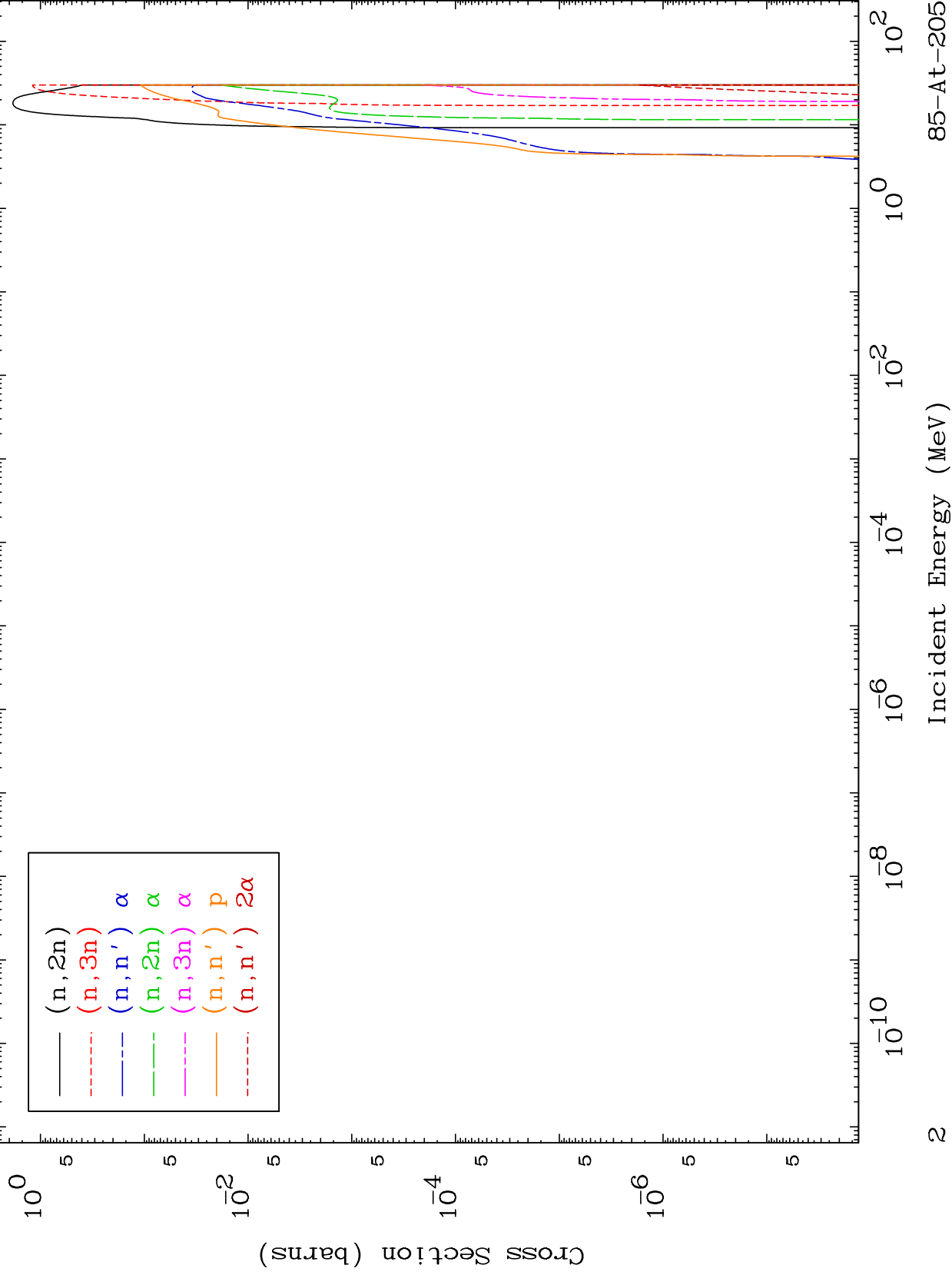
85-At-205



MAT 8531

Neutron Production  
293 Kelvin Cross Sections

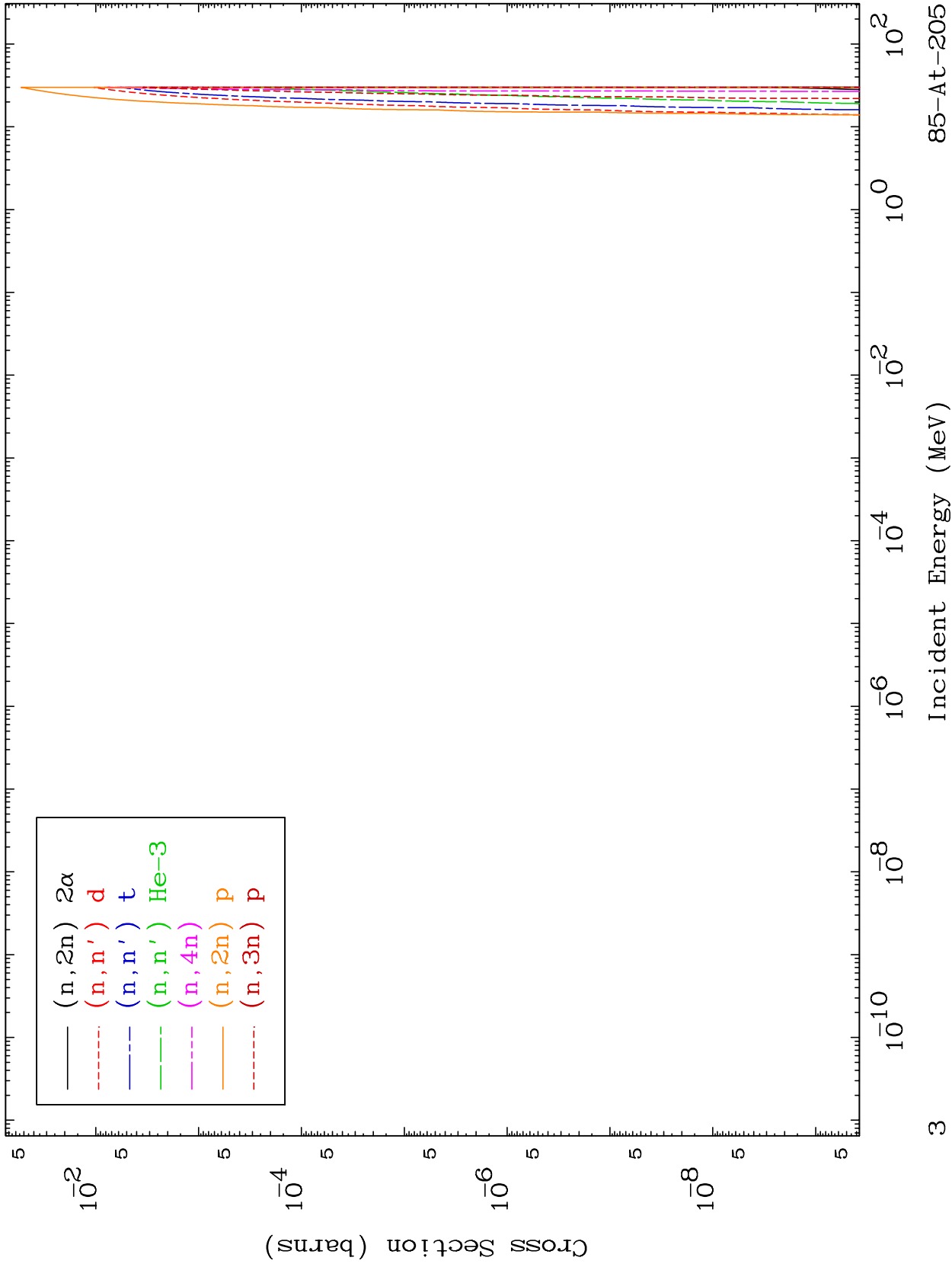
85-At-205



MAT 8531

Neutron Production  
293 Kelvin Cross Sections

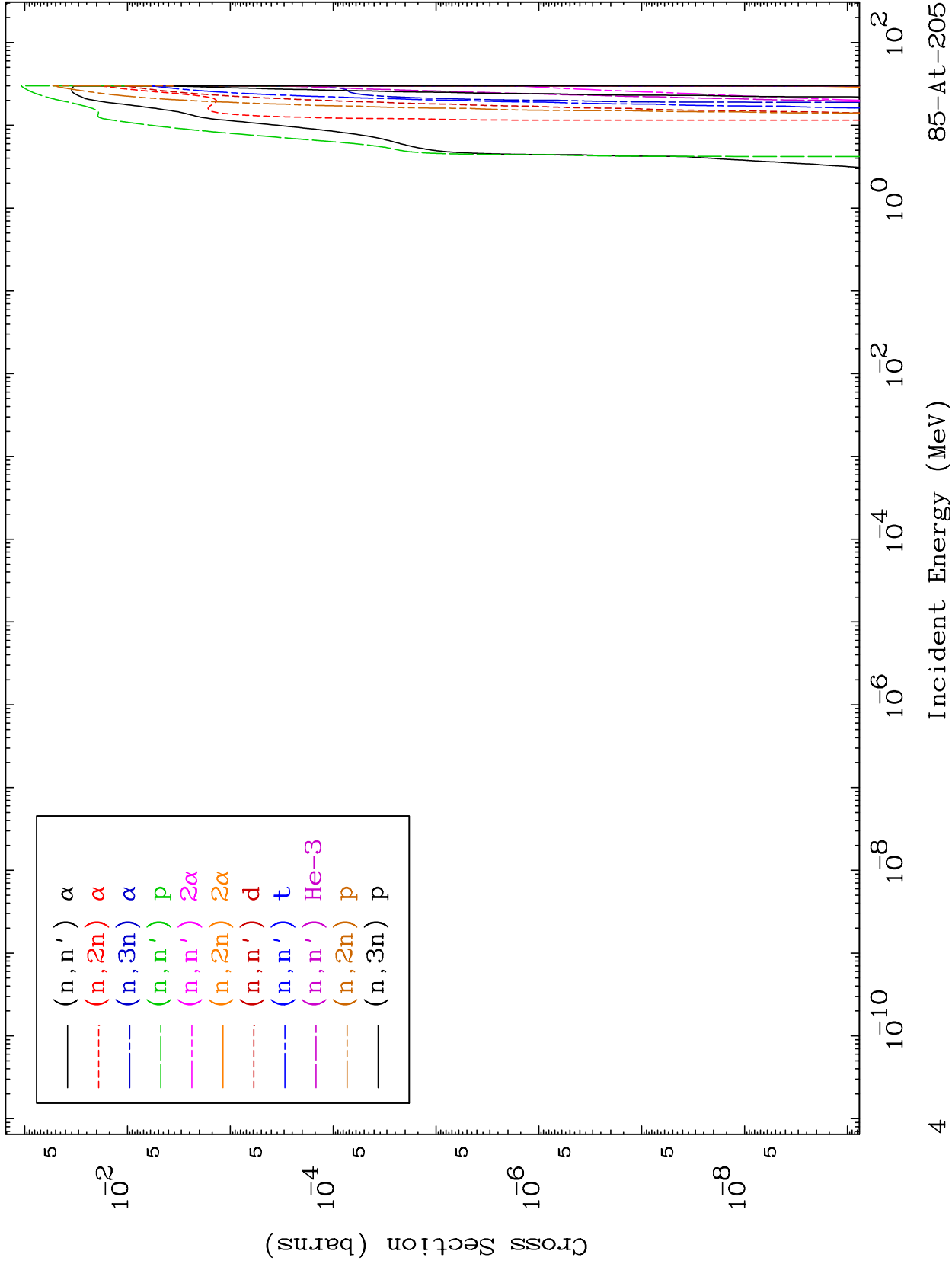
85-At-205



MAT 8531

Charged Particle  
293 Kelvin Cross Sections

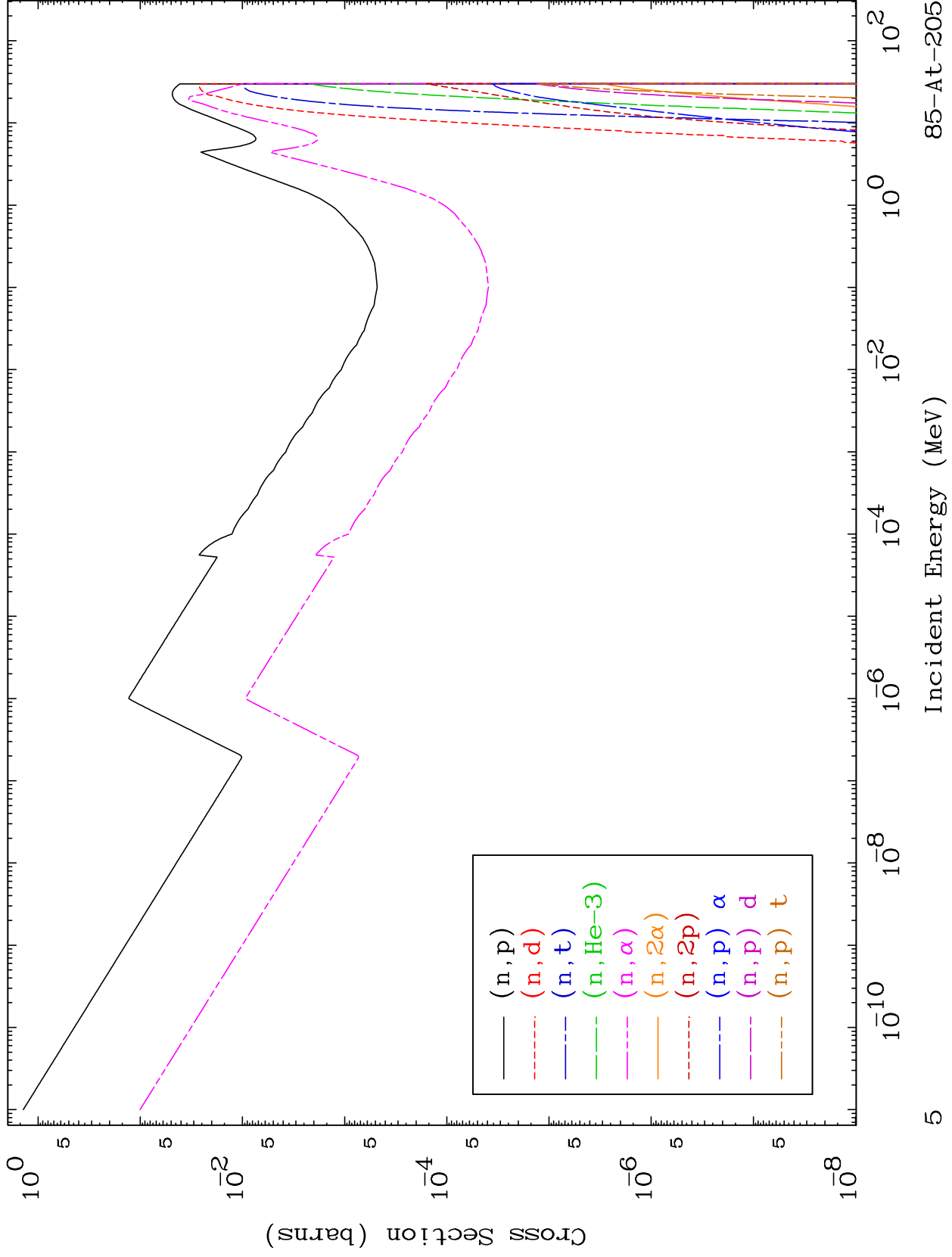
85-At-205



MAT 8531

Charged Particle  
293 Kelvin Cross Sections

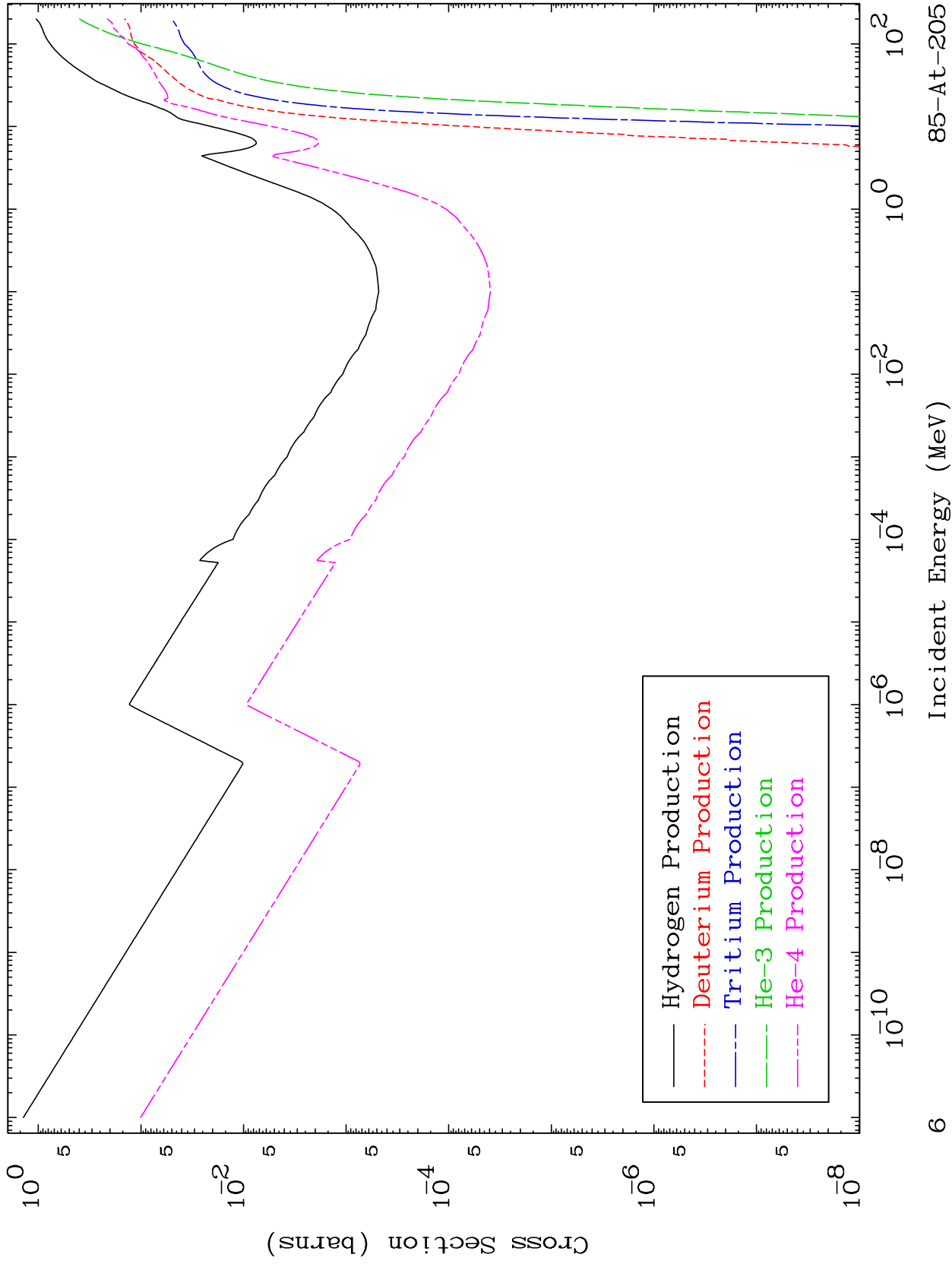
85-At-205



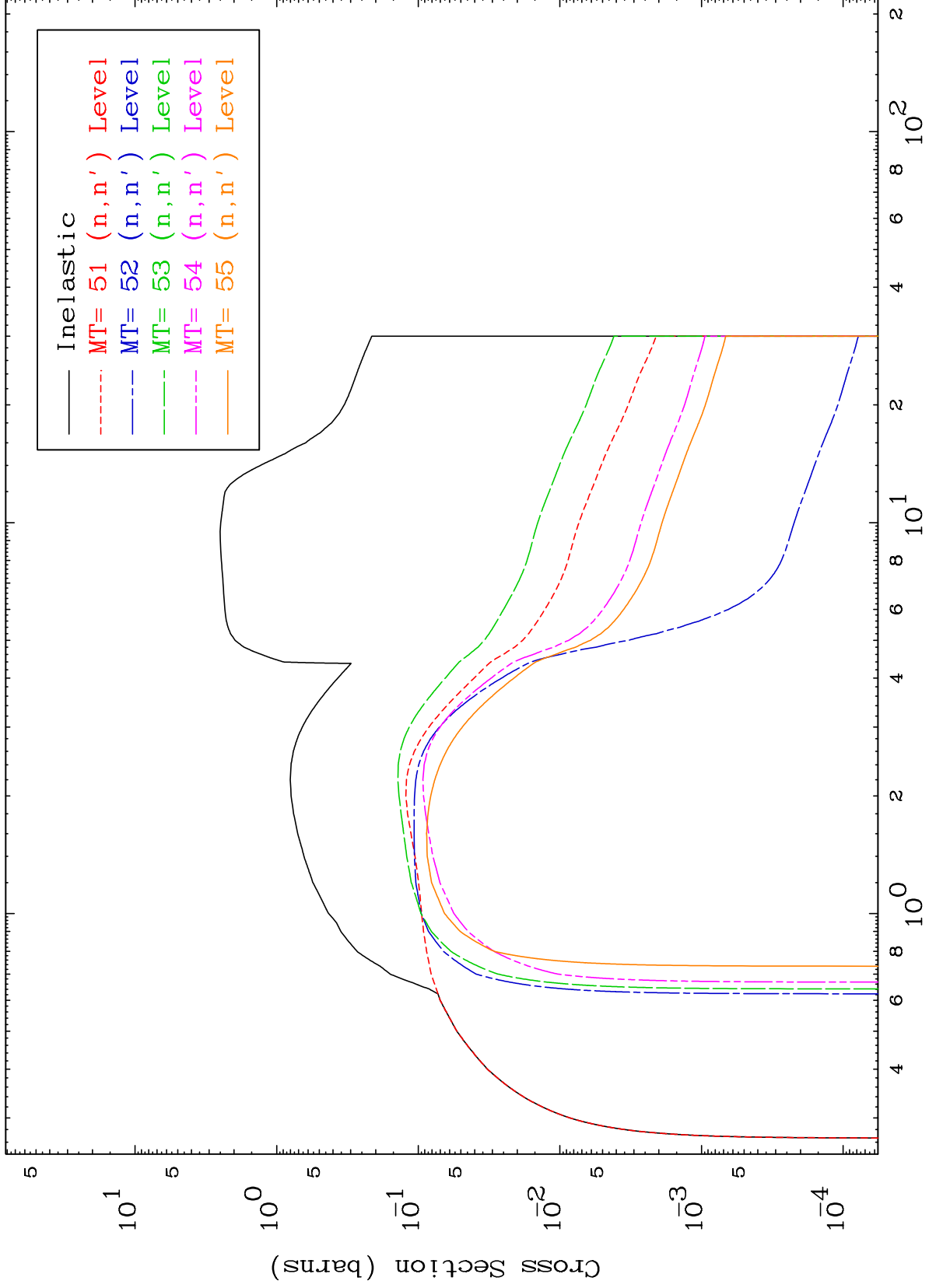
MAT 8531

Particle Production  
293 Kelvin Cross Sections

85-At-205



293 Kelvin Cross Sections



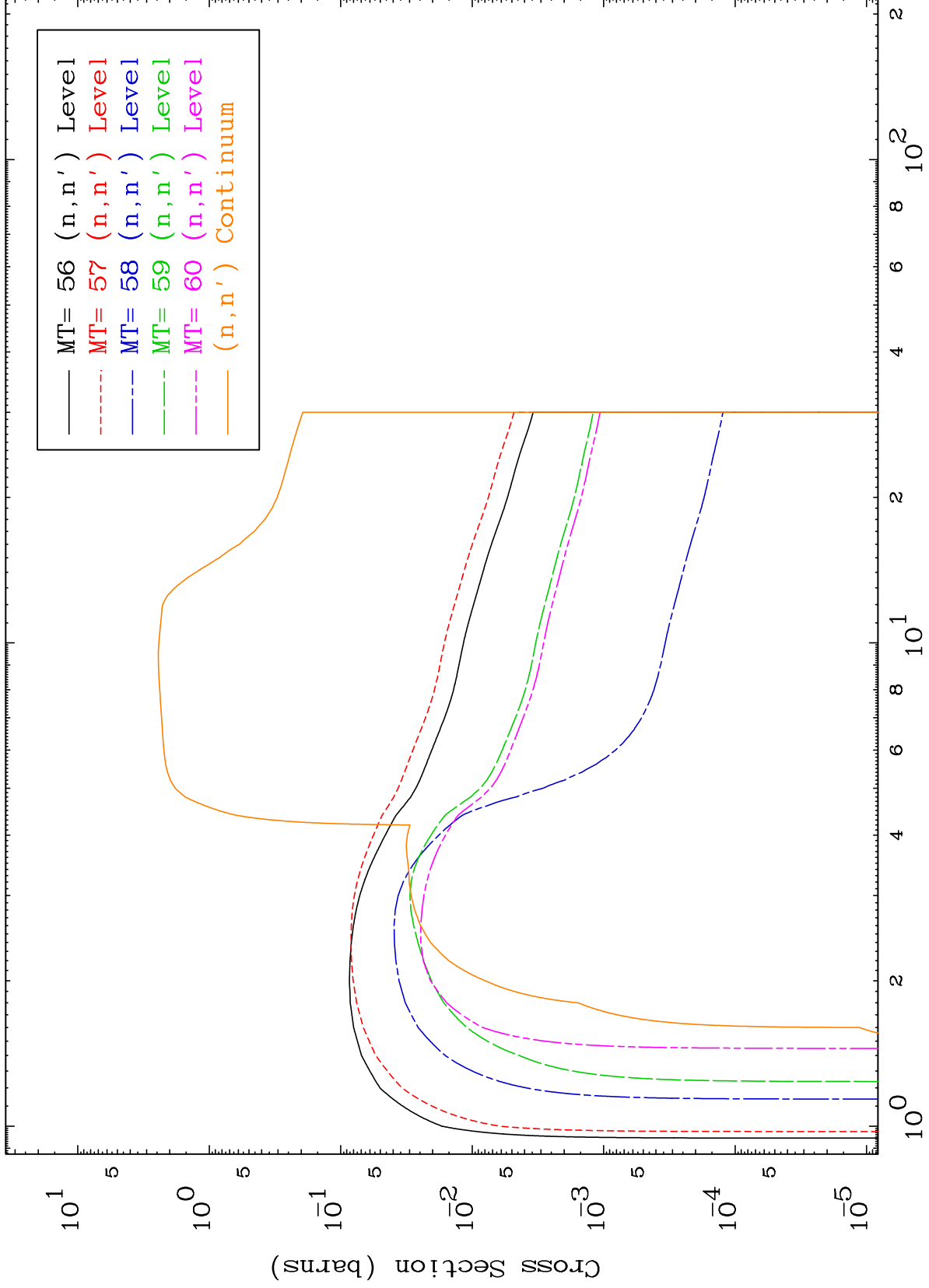


MAT 8531

(n,n') Level

85-At-205

293 Kelvin Cross Sections



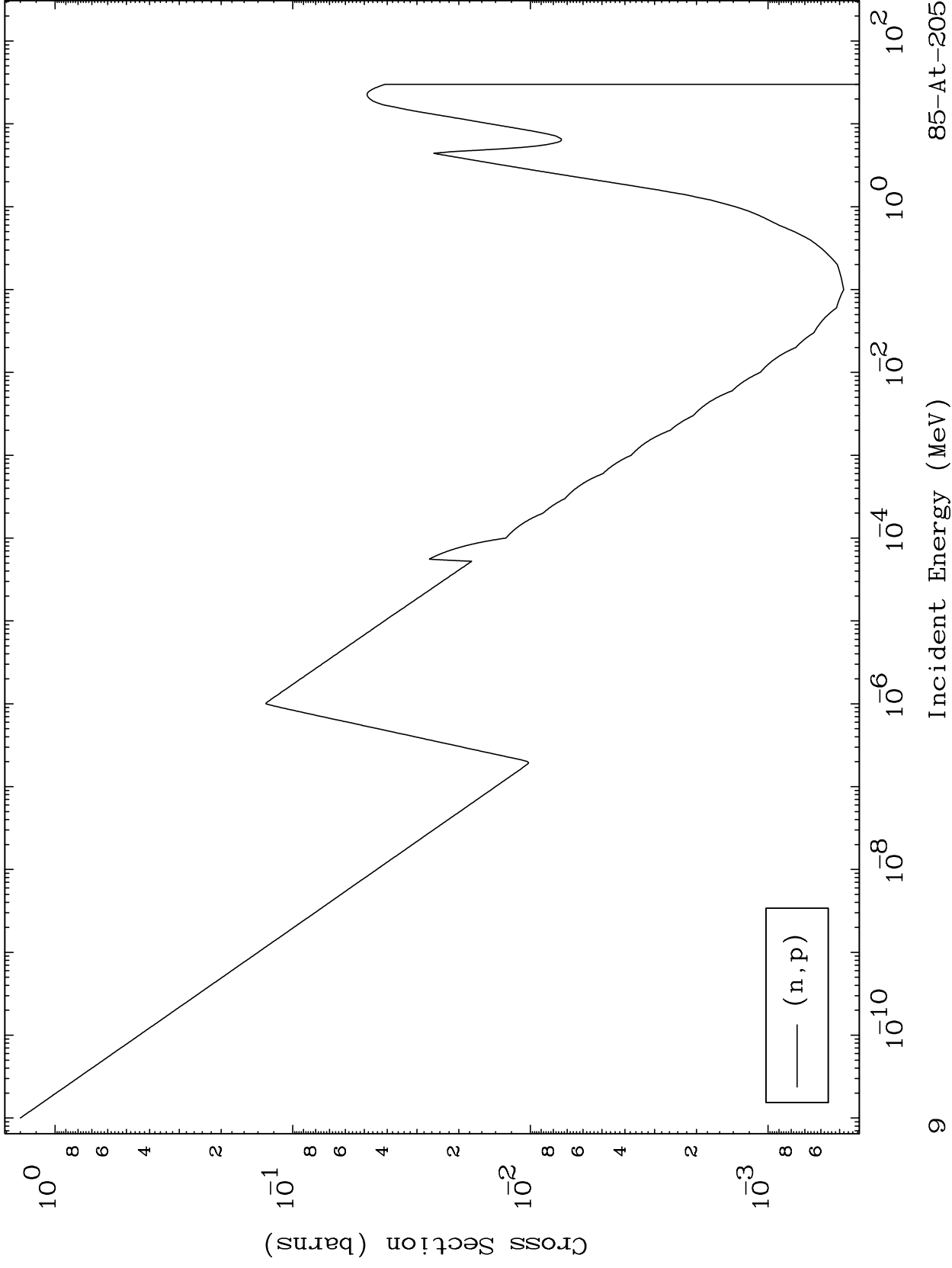
Incident Energy (MeV)

85-At-205

MAT 8531

(n,p) Levels  
293 Kelvin Cross Sections

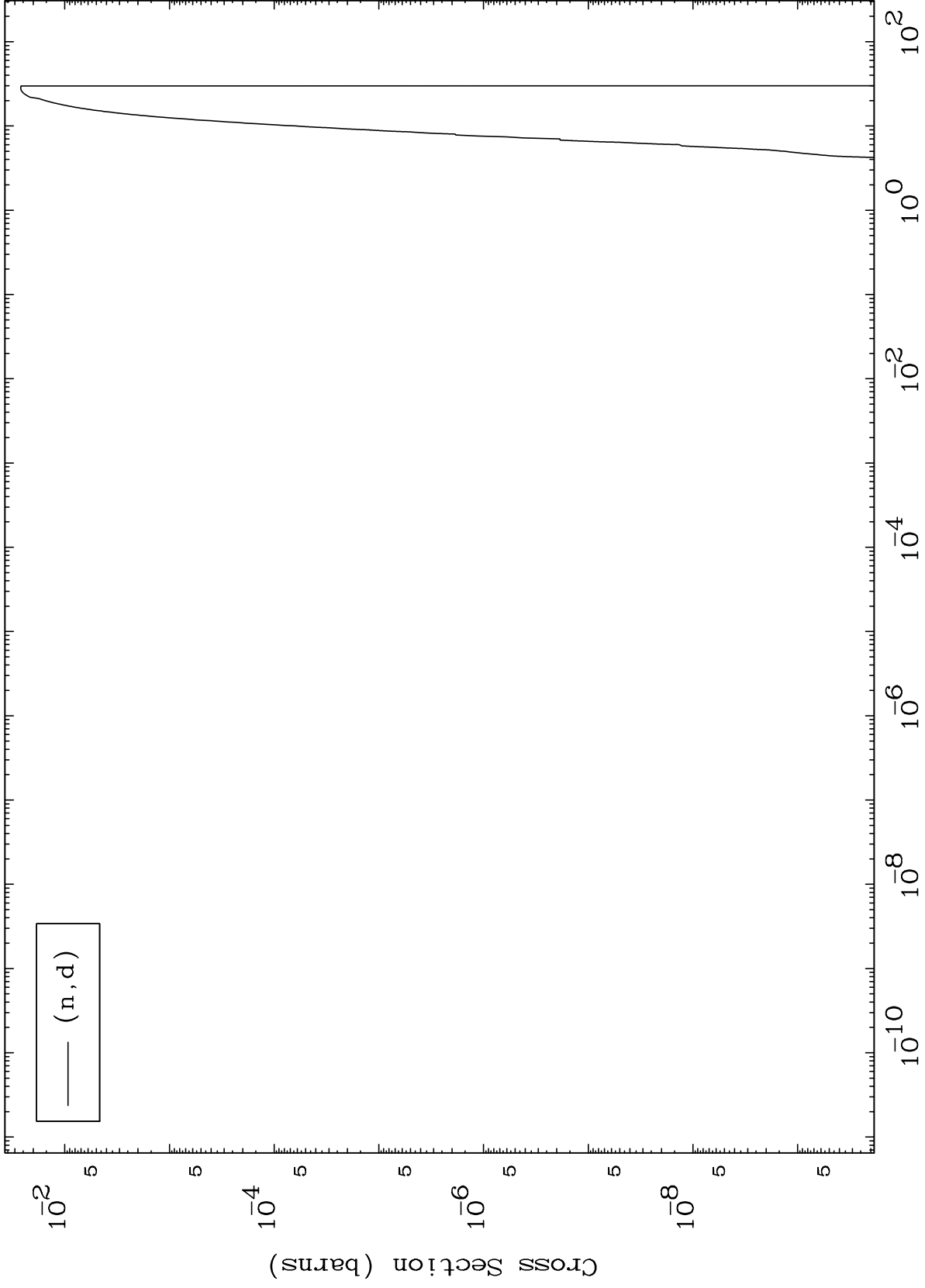
85-At-205



MAT 8531

(n,d) Levels  
293 Kelvin Cross Sections

85-At-205



10

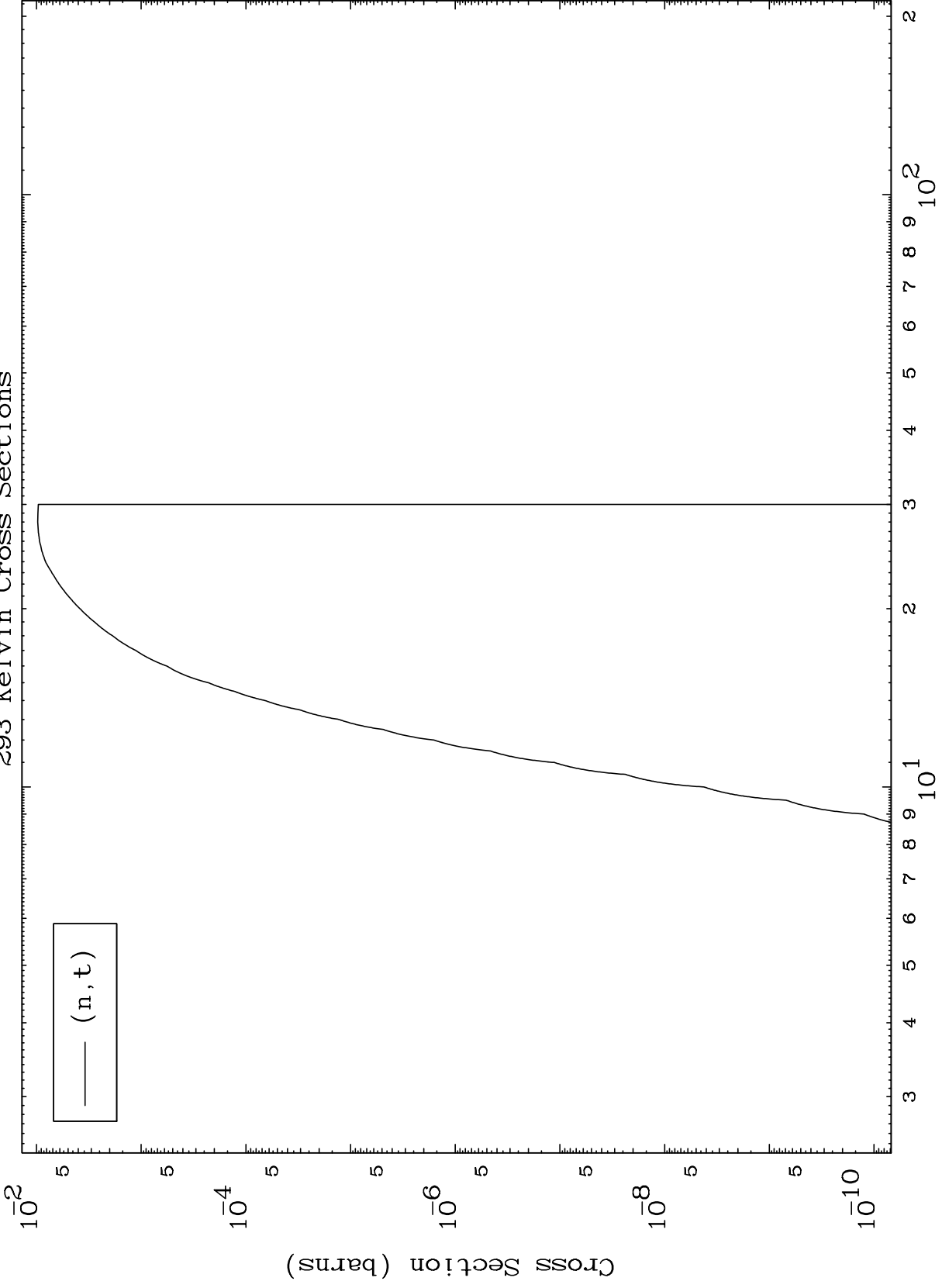
Incident Energy (MeV)

85-At-205

MAT 8531

(n,t) Levels  
293 Kelvin Cross Sections

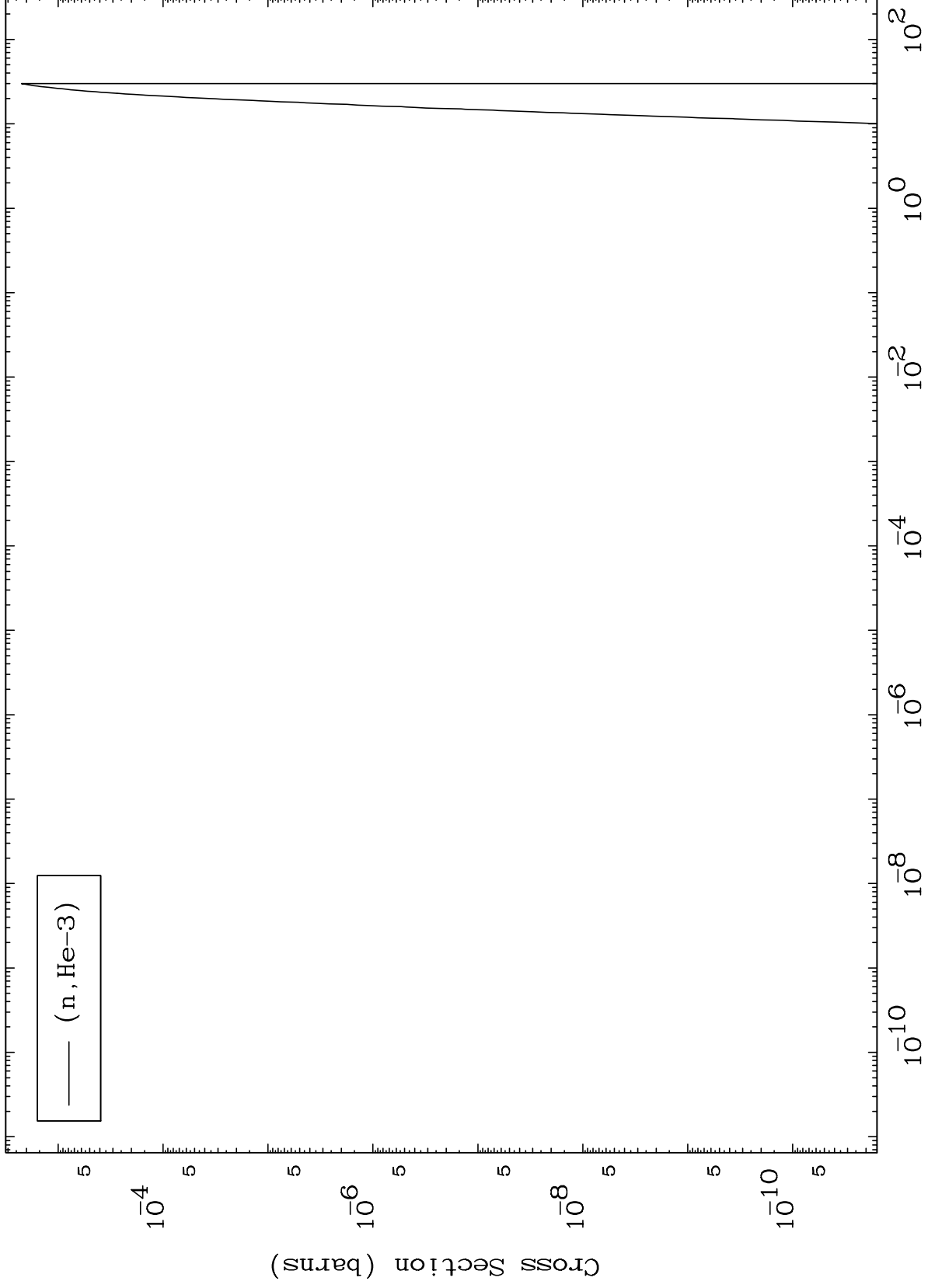
85-At-205



MAT 8531

(n,He3) Levels  
293 Kelvin Cross Sections

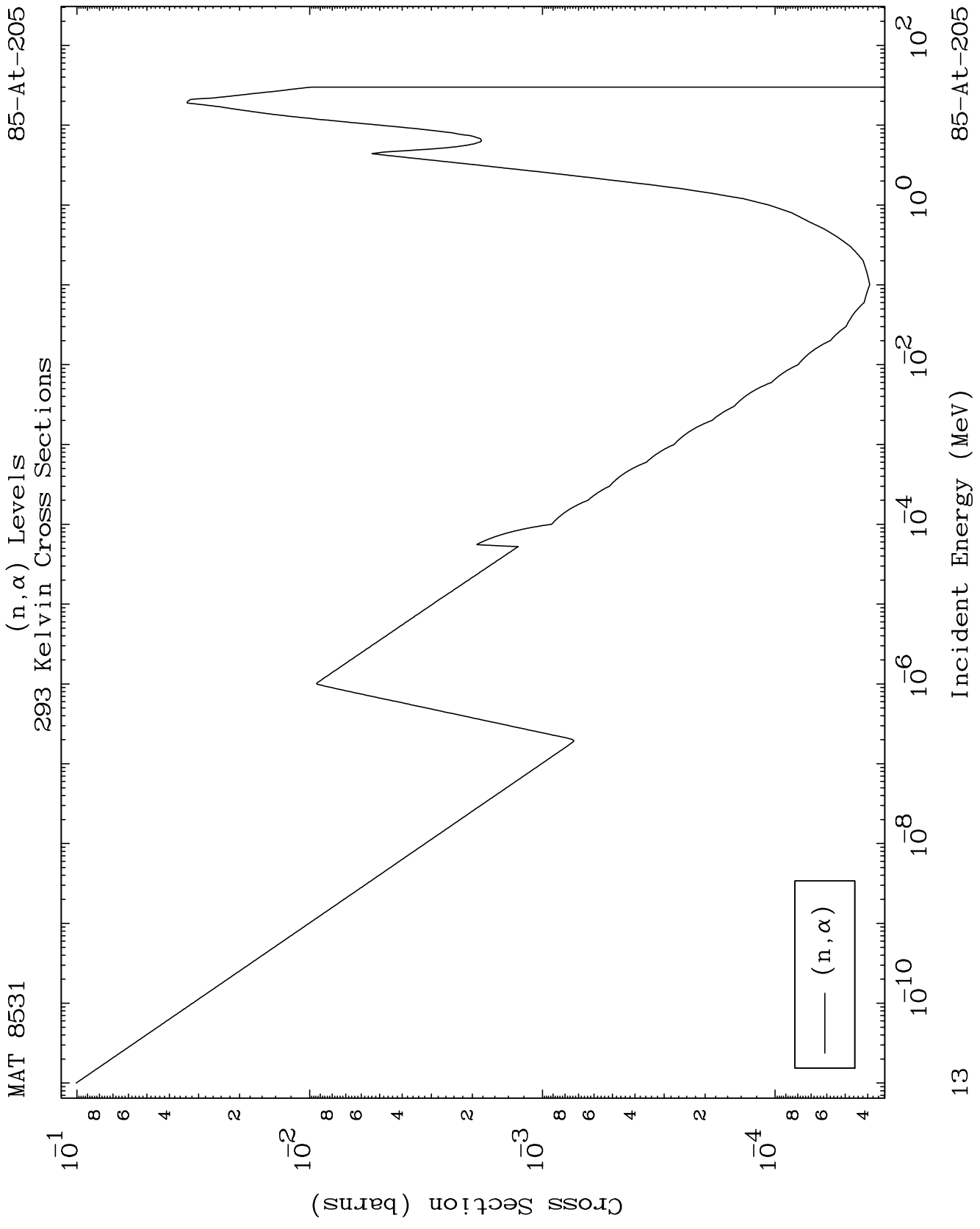
85-At-205

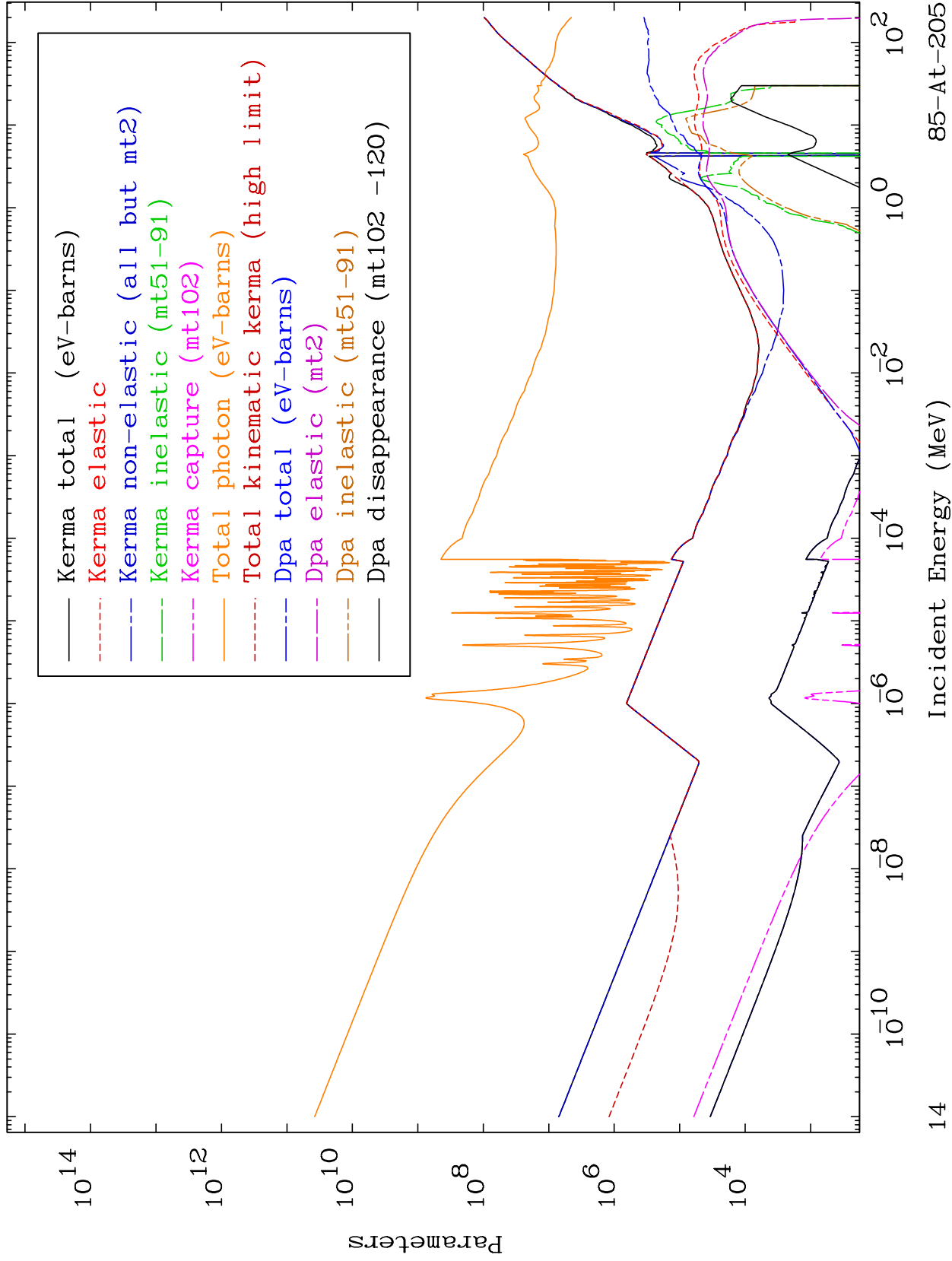


12

Incident Energy (MeV)

85-At-205

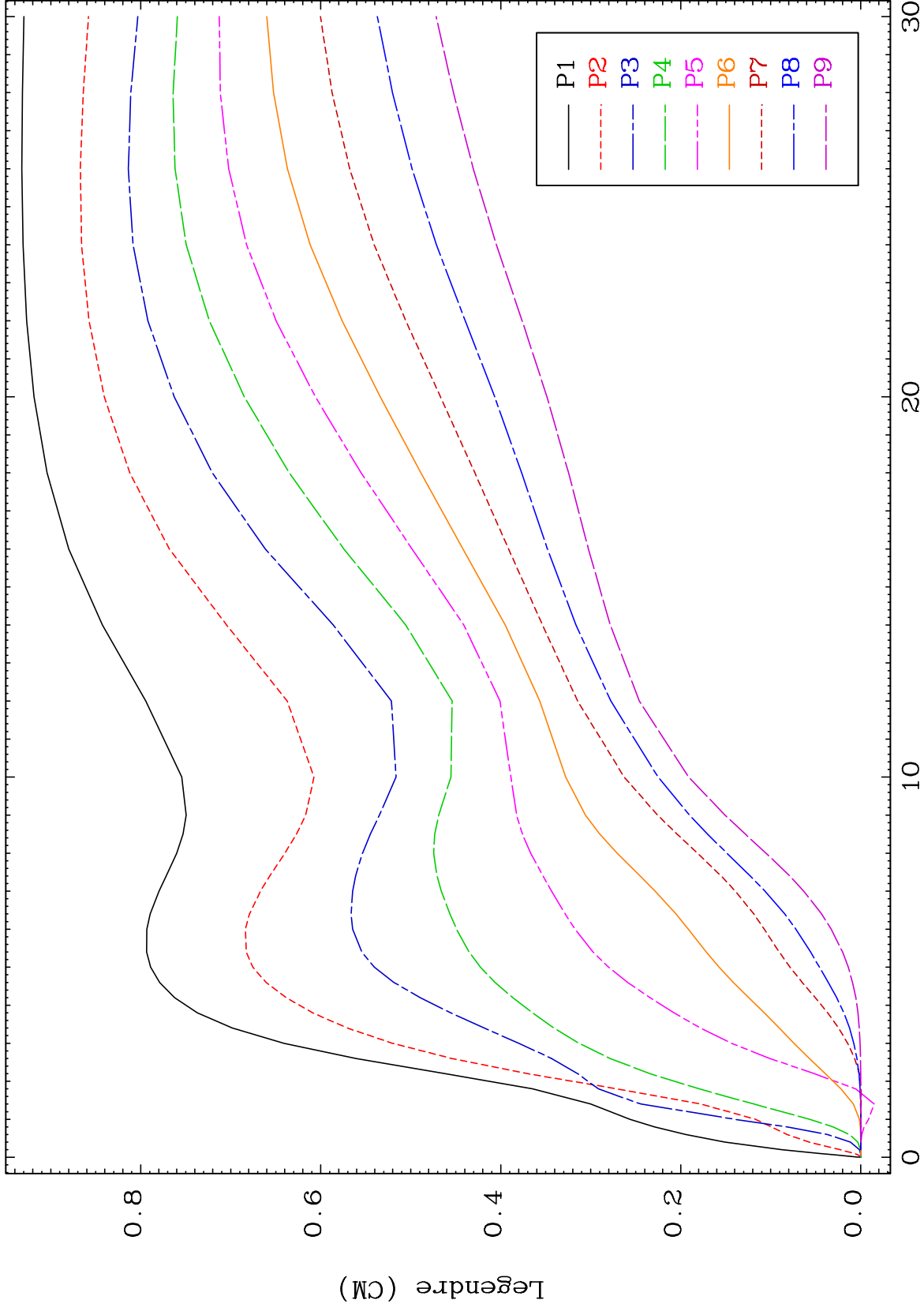




MAT 8531

85-At-205

Elastic Legendre Coefficients

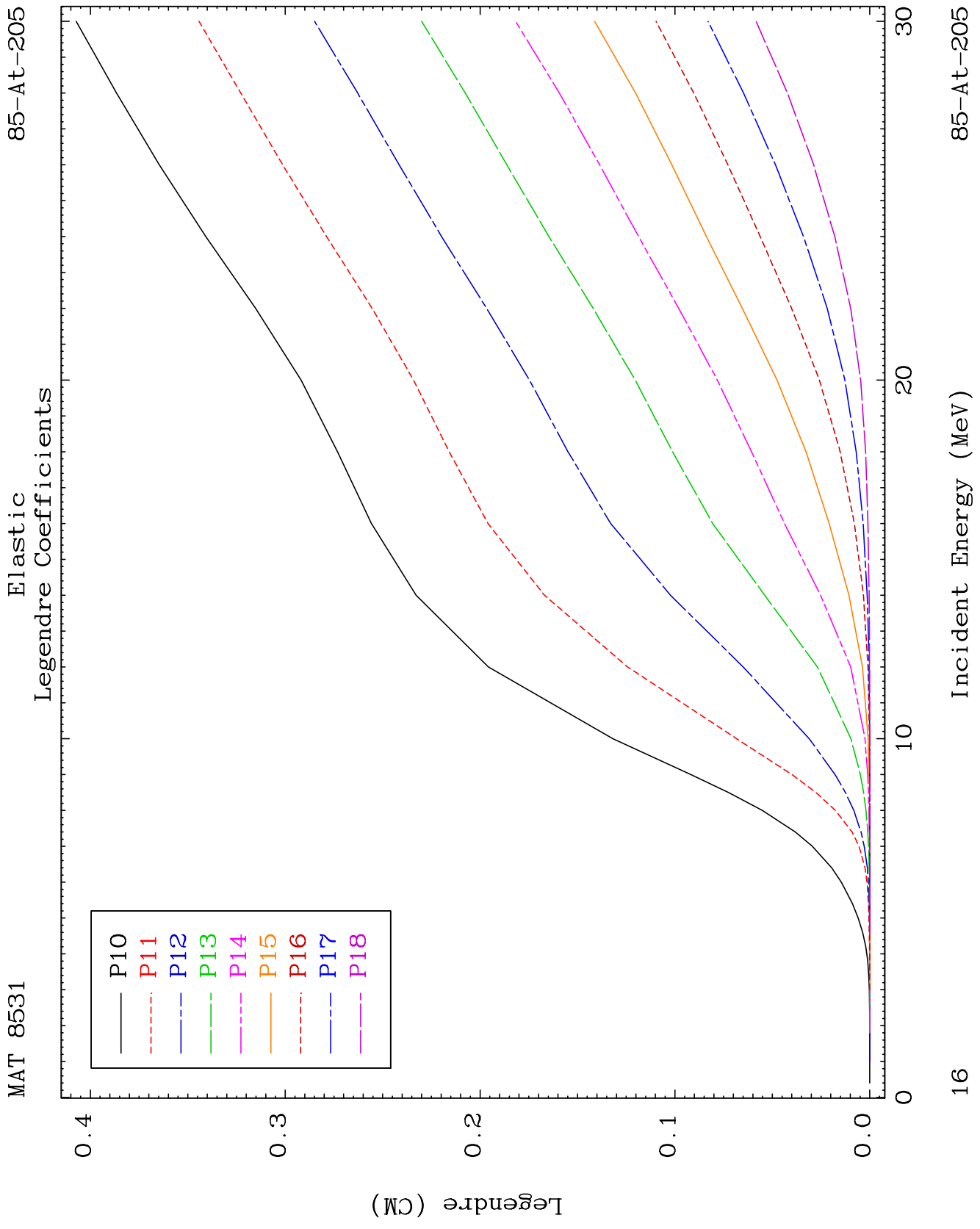


85-At-205

Incident Energy (MeV)

15

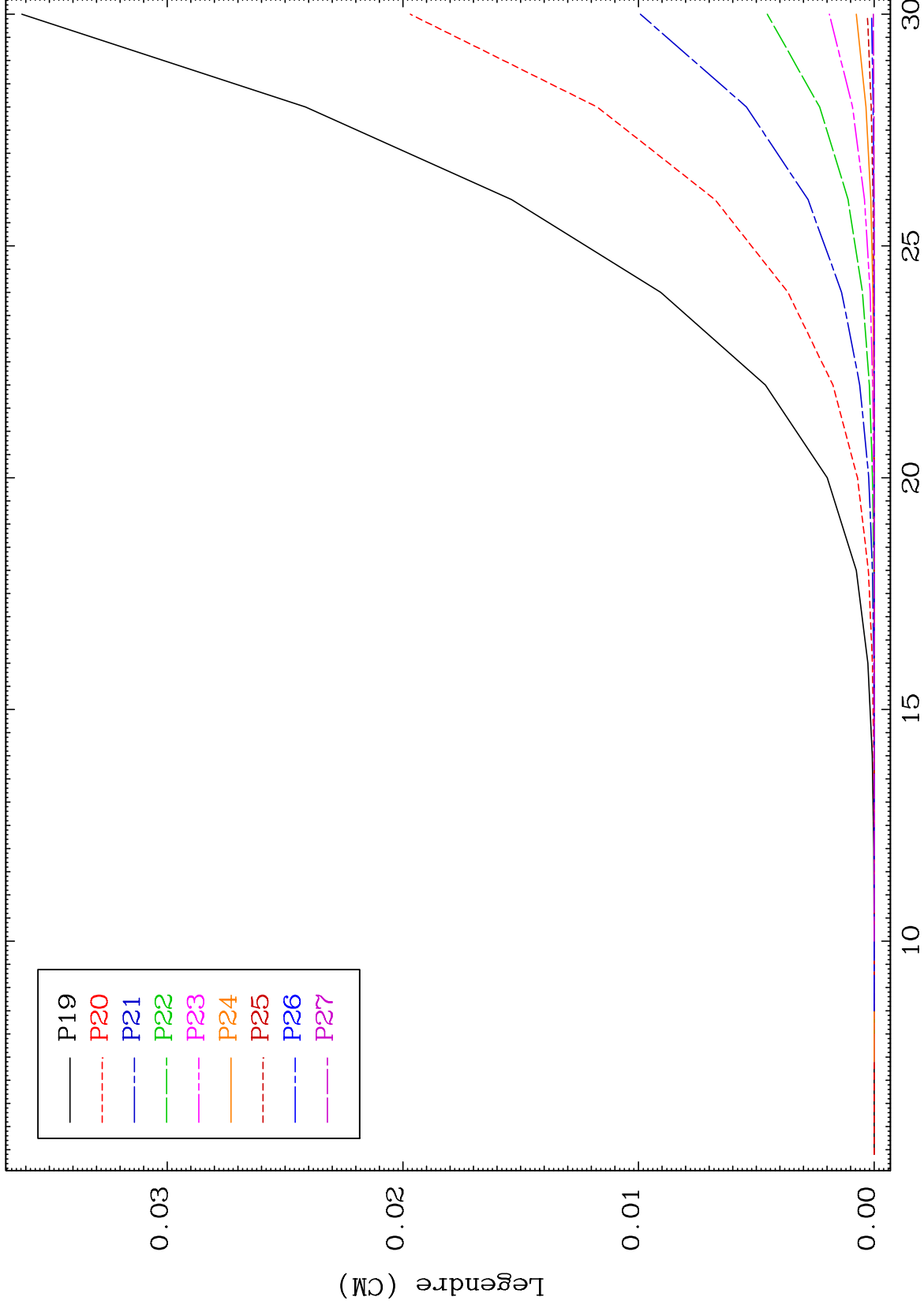




MAT 8531

Elastic  
Legendre Coefficients

85-At-205



17

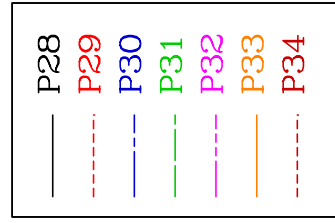
Incident Energy (MeV)

85-At-205

MAT 8531

Elastic  
Legendre Coefficients

85-At-205



$\times 10^{-5}$

1.2

Legendre (CM)

0.8

0.4

0.0

15

20

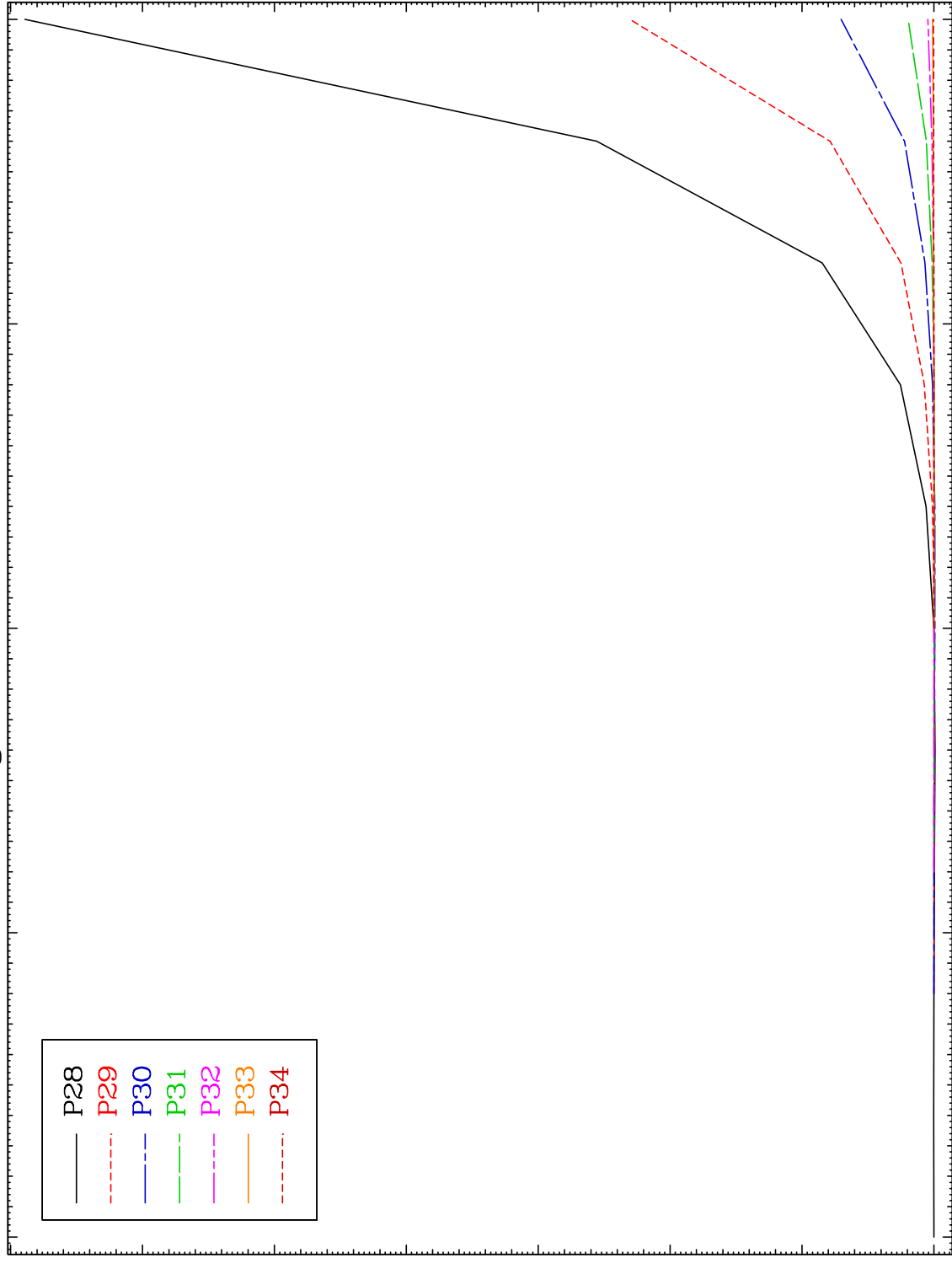
25

30

18

Incident Energy (MeV)

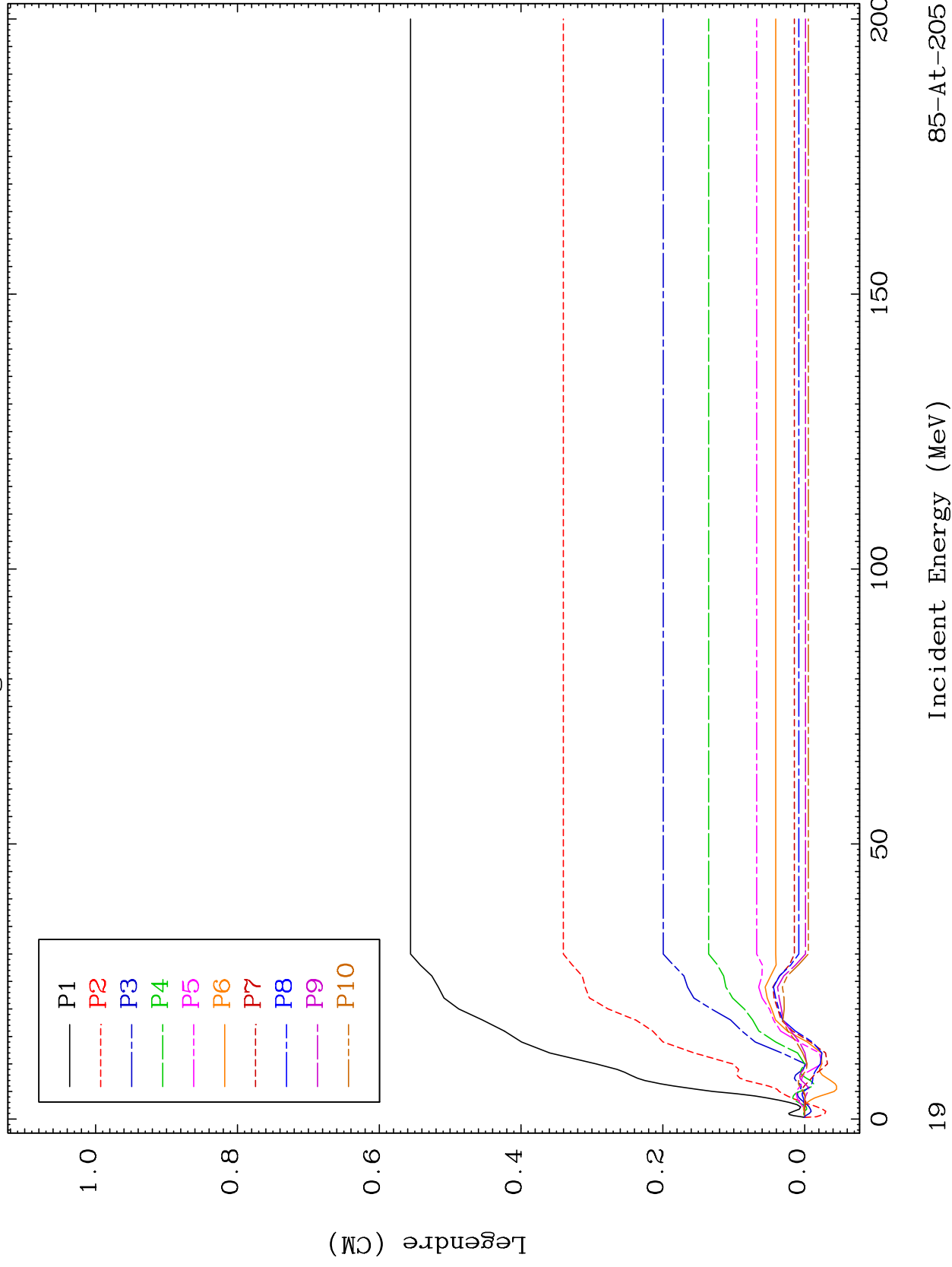
85-At-205

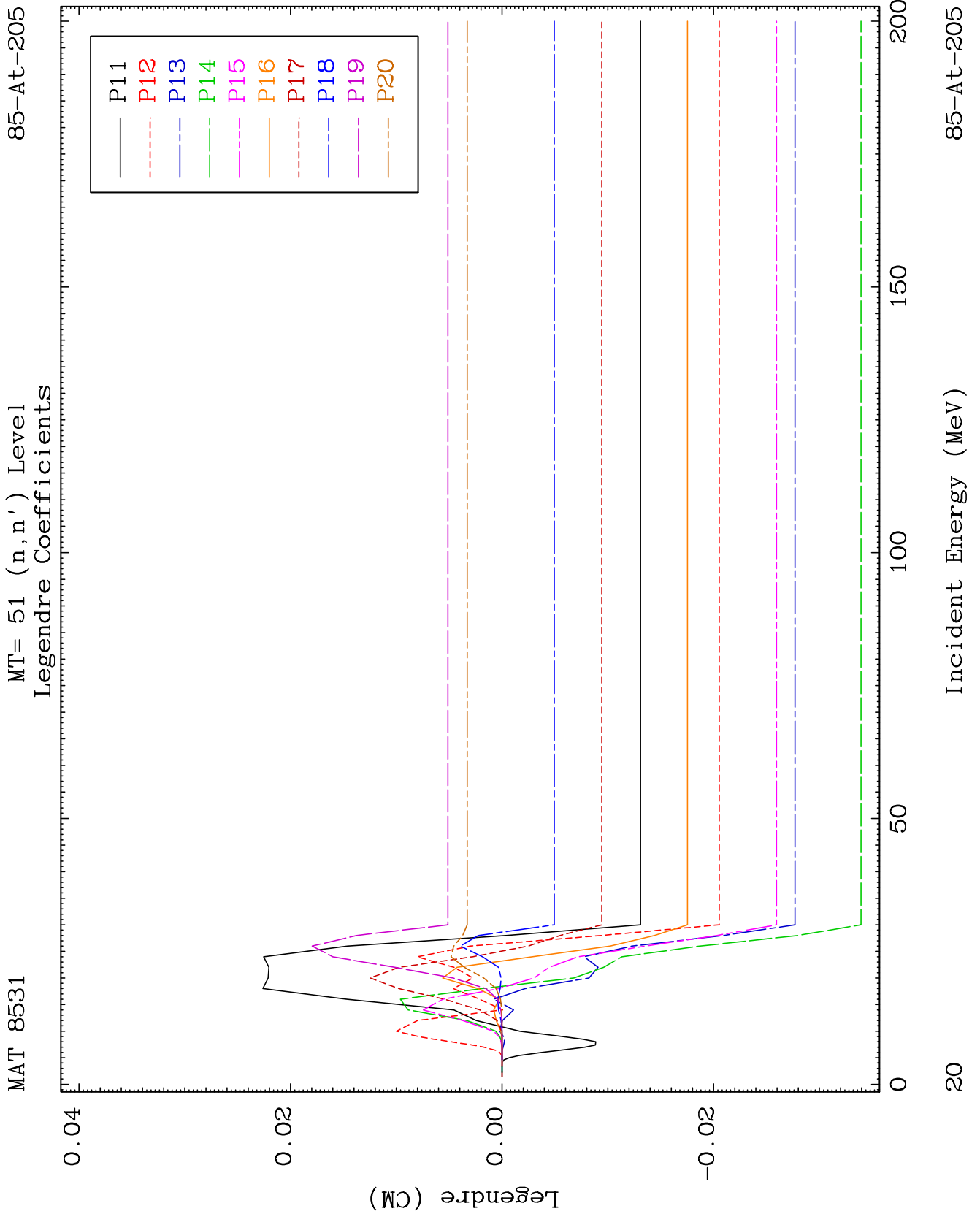


MAT 8531

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

85-At-205

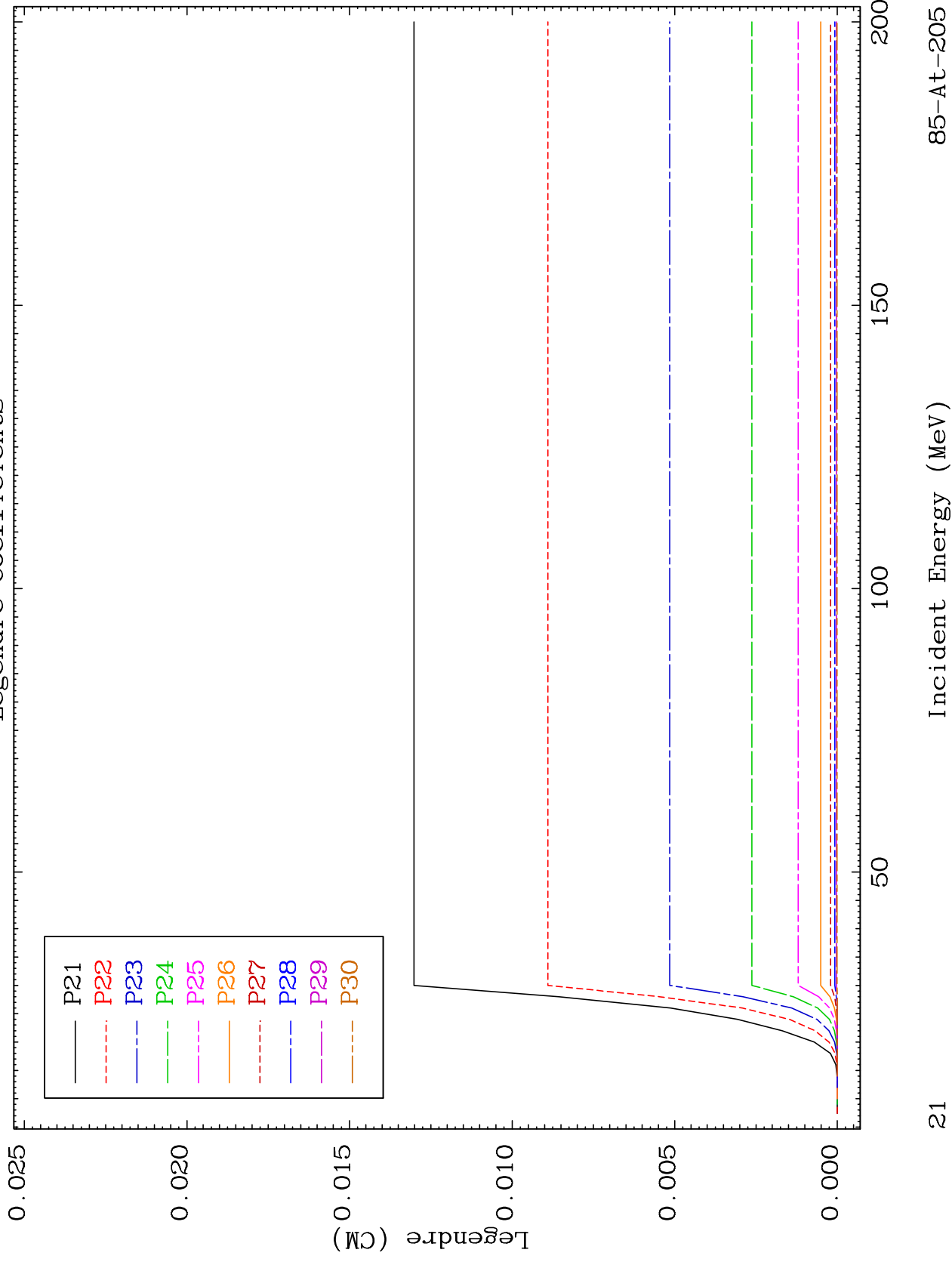




MAT 8531

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

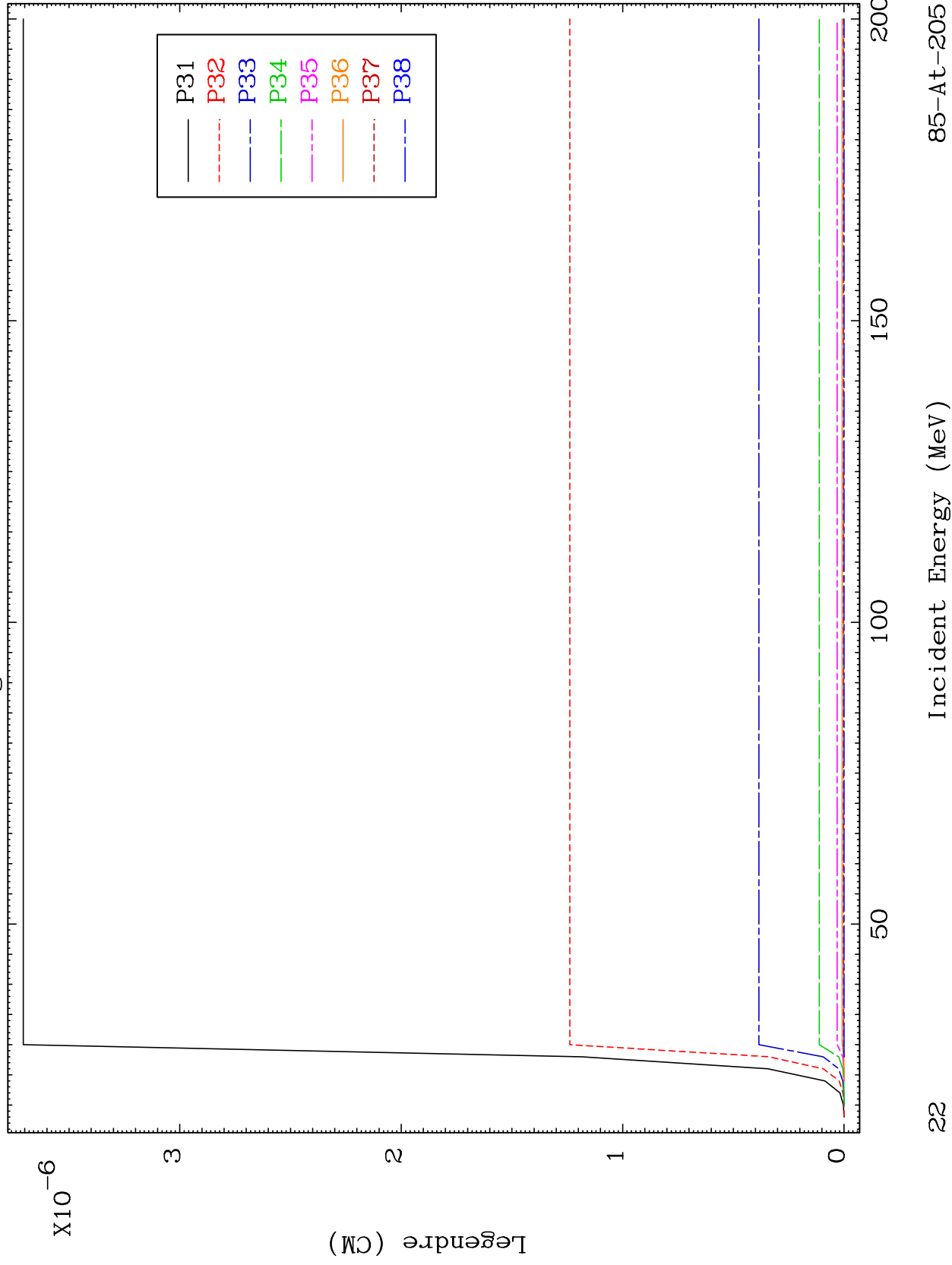
85-At-205



MAT 8531

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

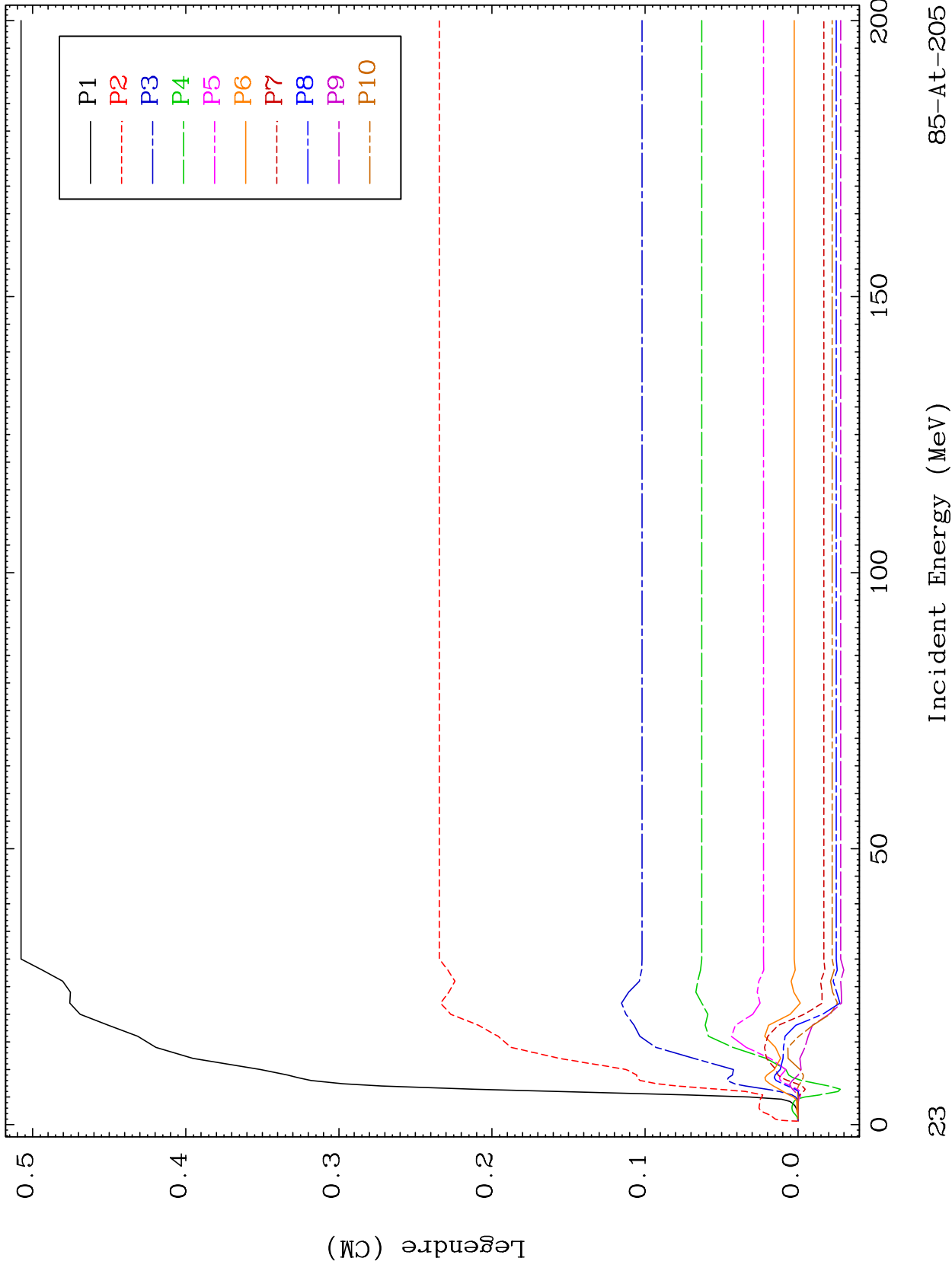
85-At-205



MAT 8531

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

85-At-205



23

Incident Energy (MeV)

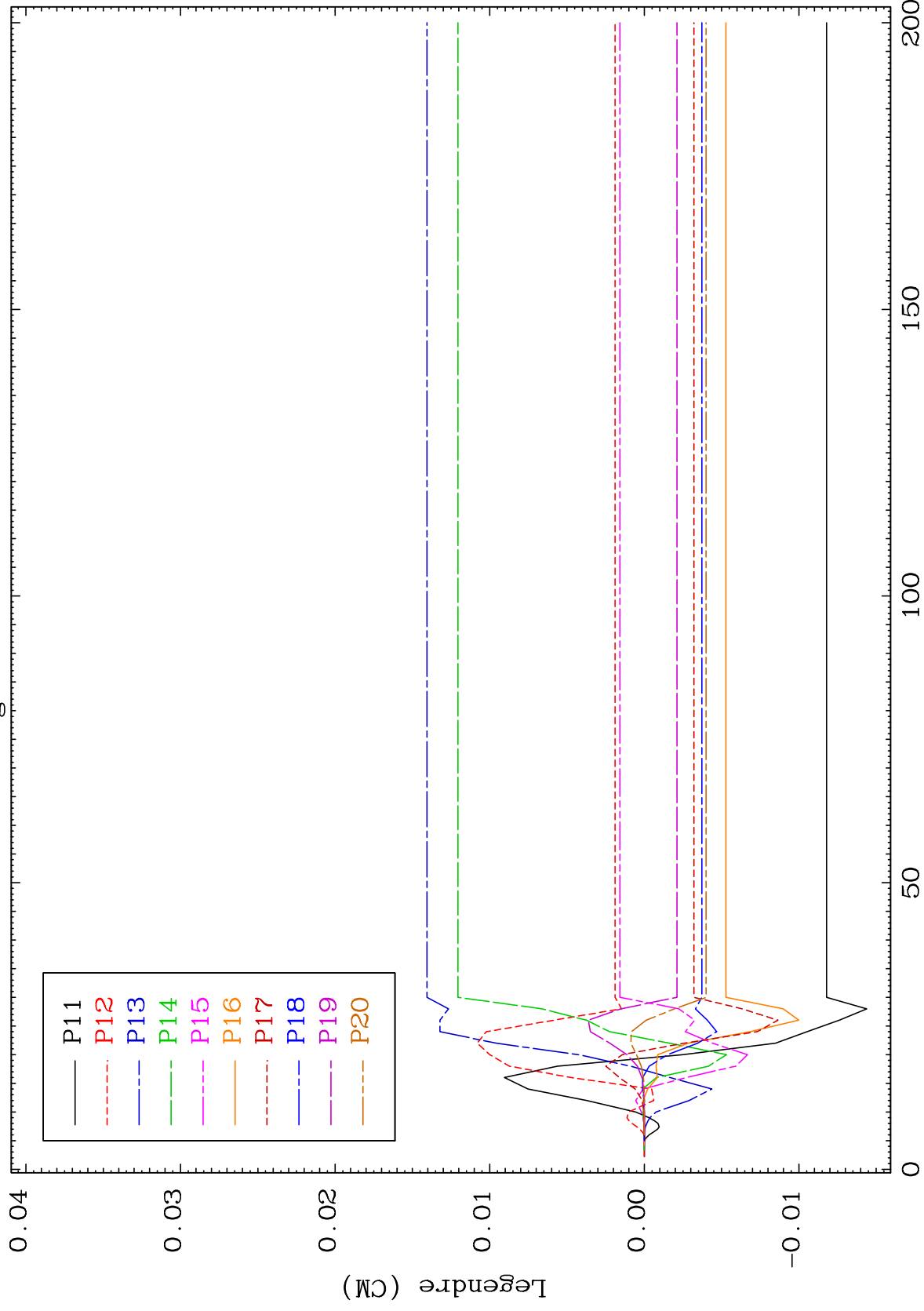
85-At-205



MAT 8531

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

85-At-205



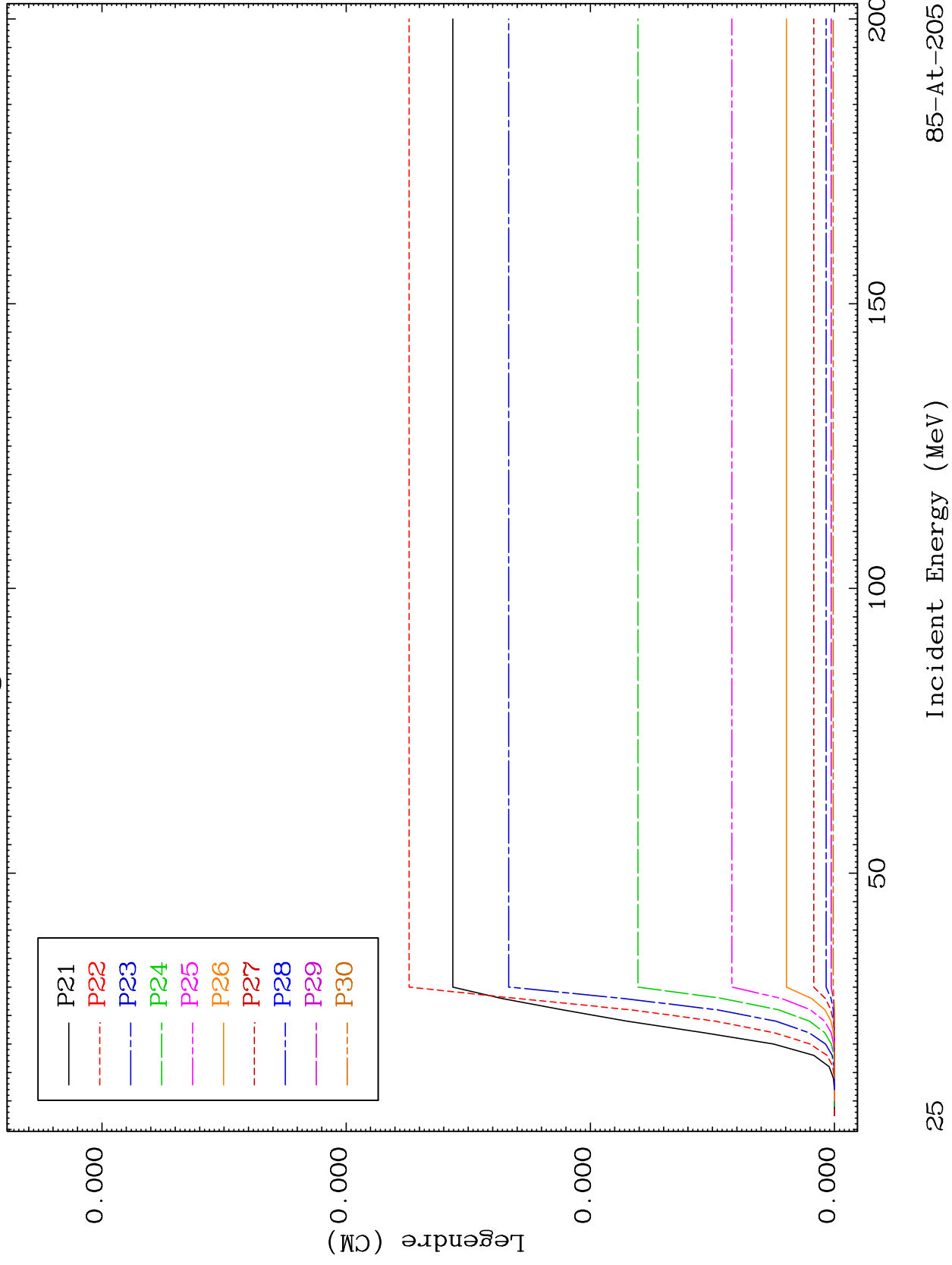
24

85-At-205

MAT 8531

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

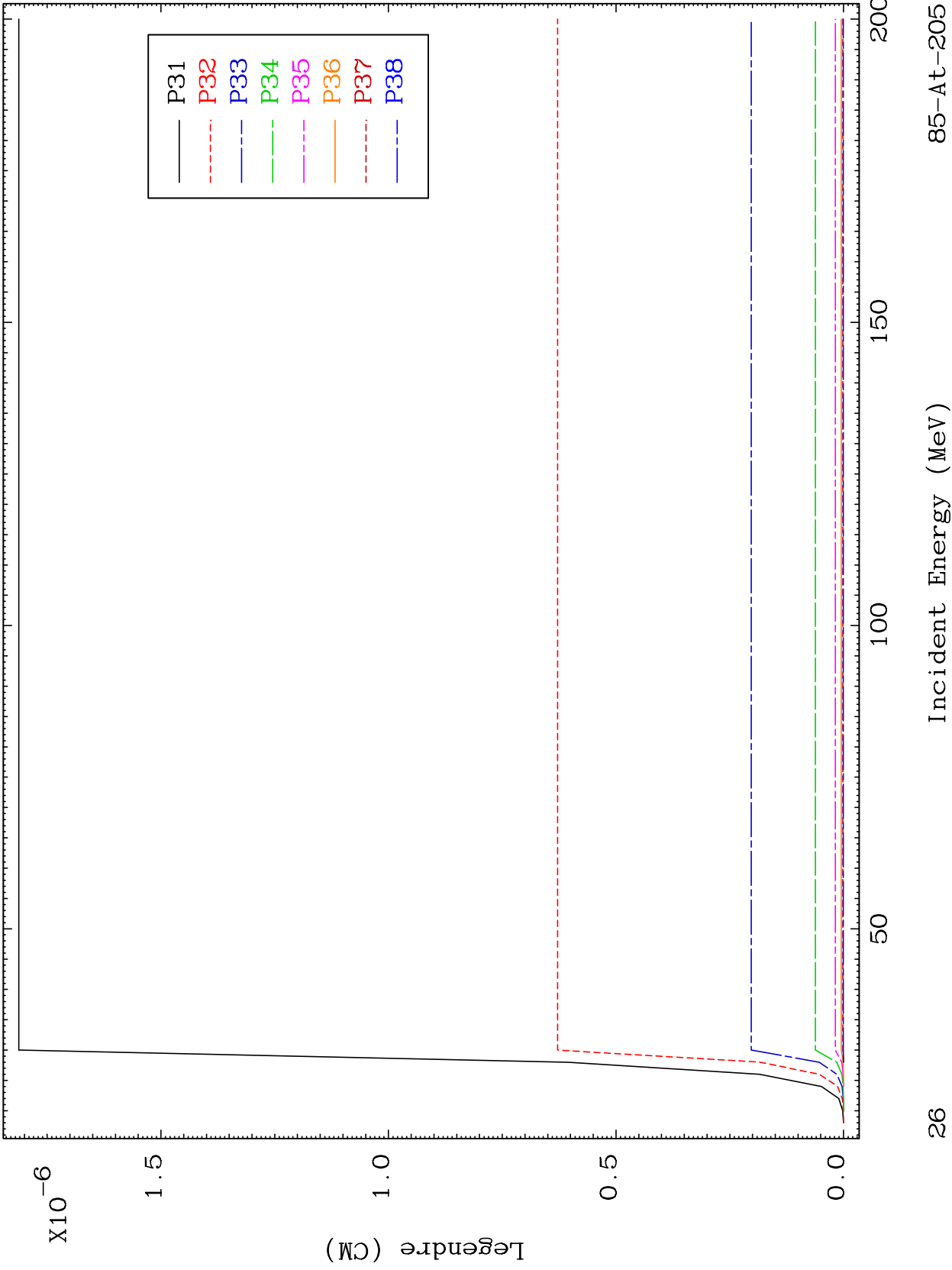
85-At-205



MAT 8531

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

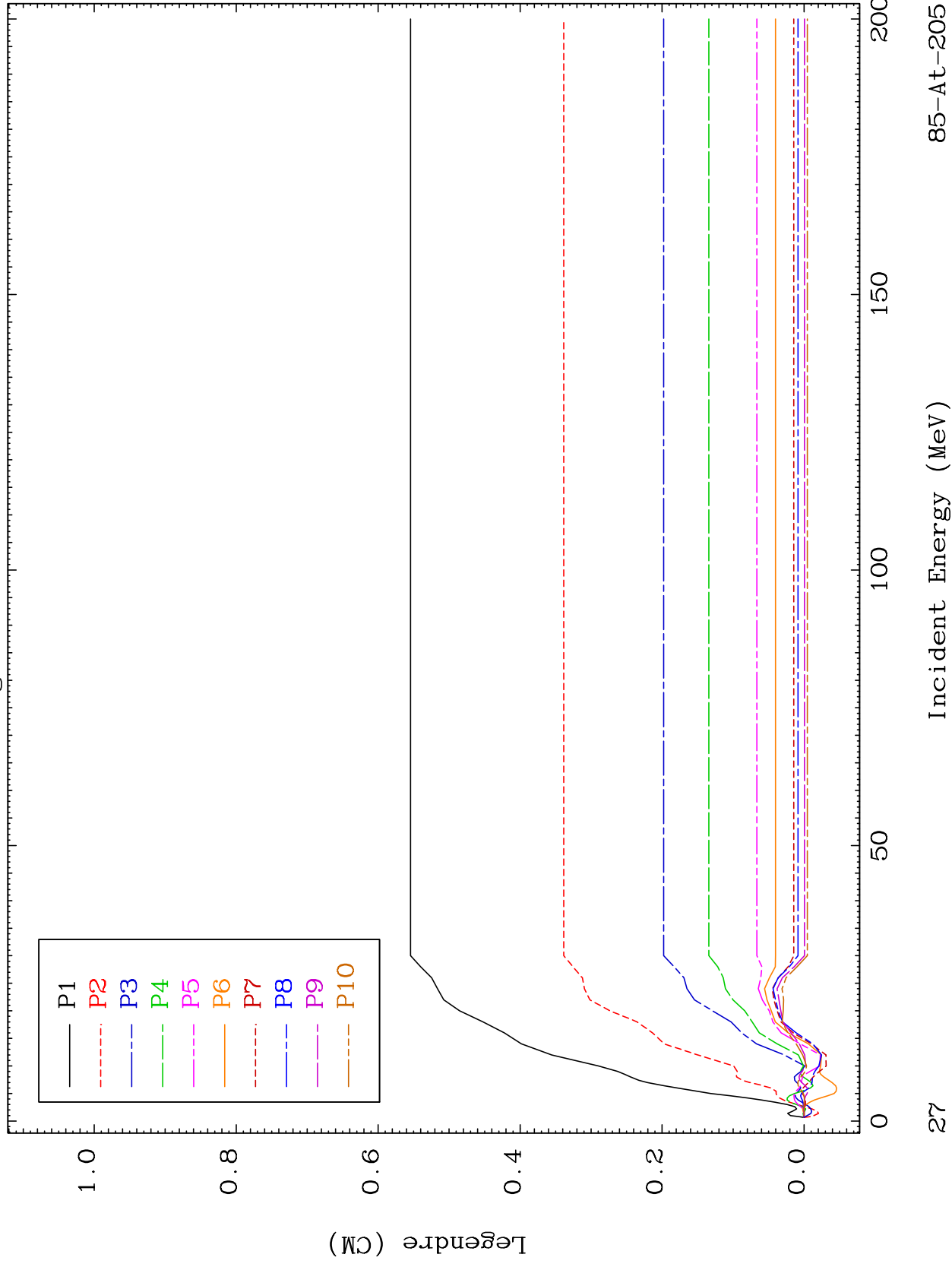
85-At-205



MAT 8531

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

85-At-205



27

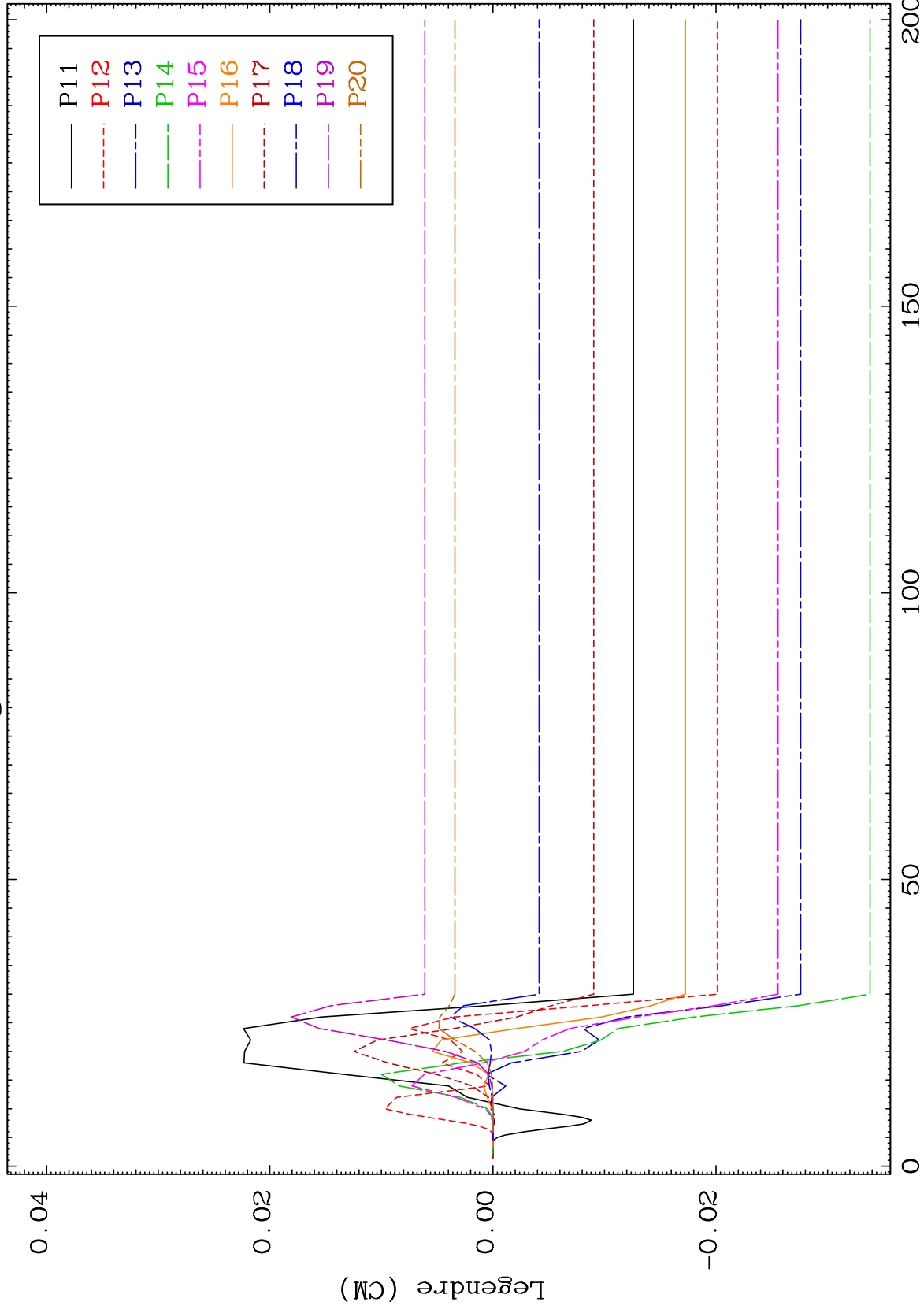
Incident Energy (MeV)

85-At-205

MAT 8531

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

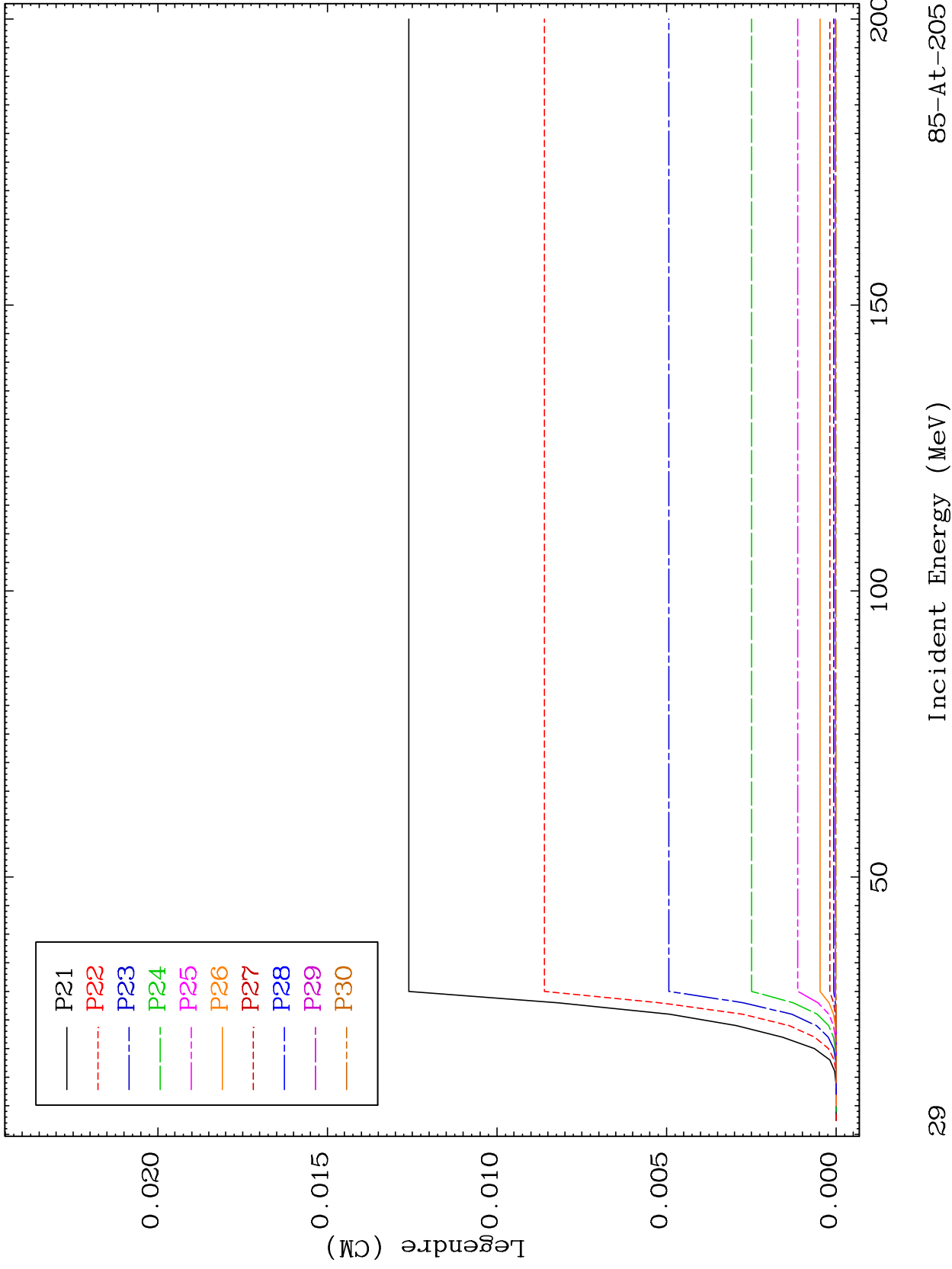
85-At-205



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Incident Energy (MeV)

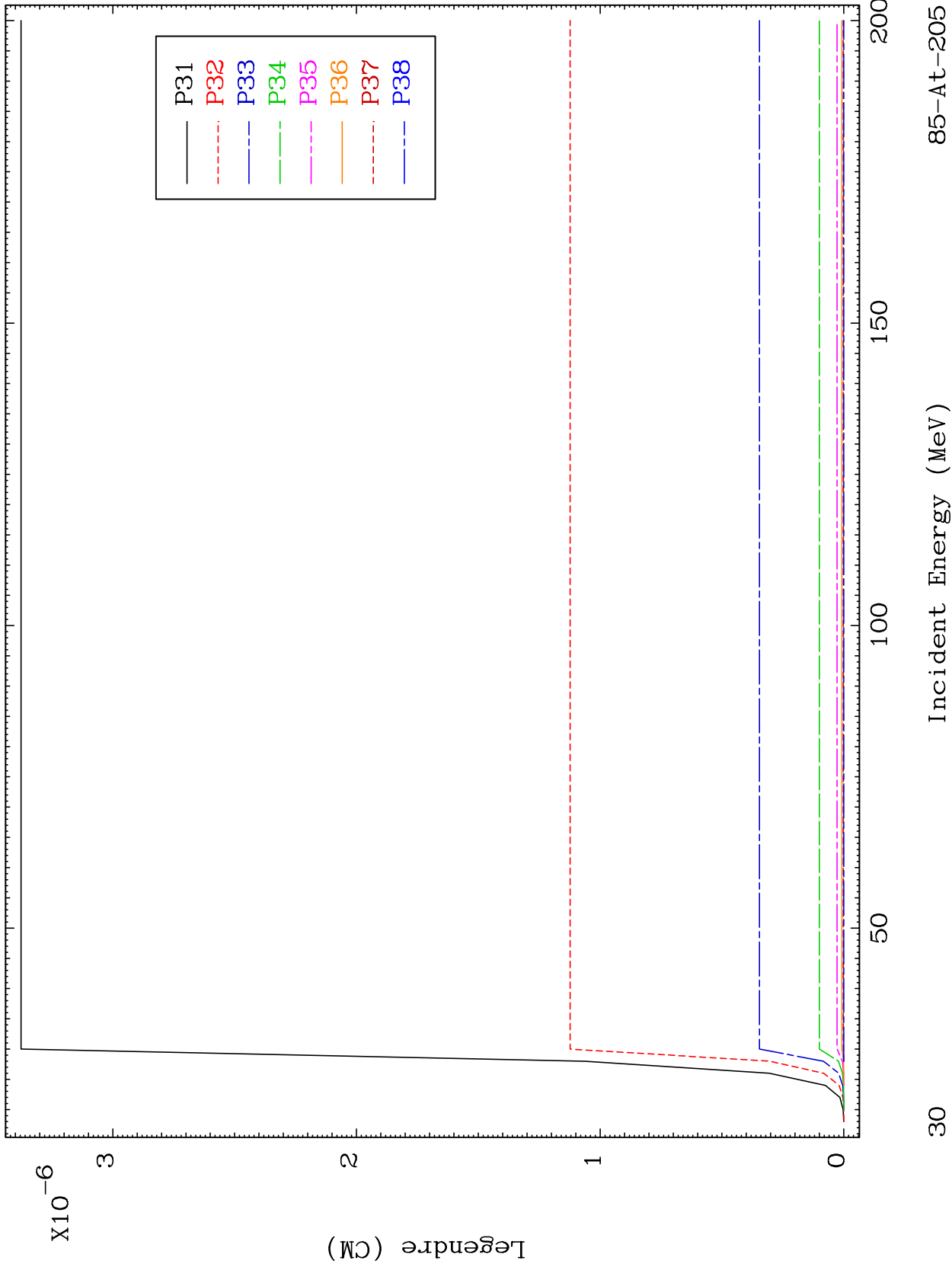
85-At-205



MAT 8531

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

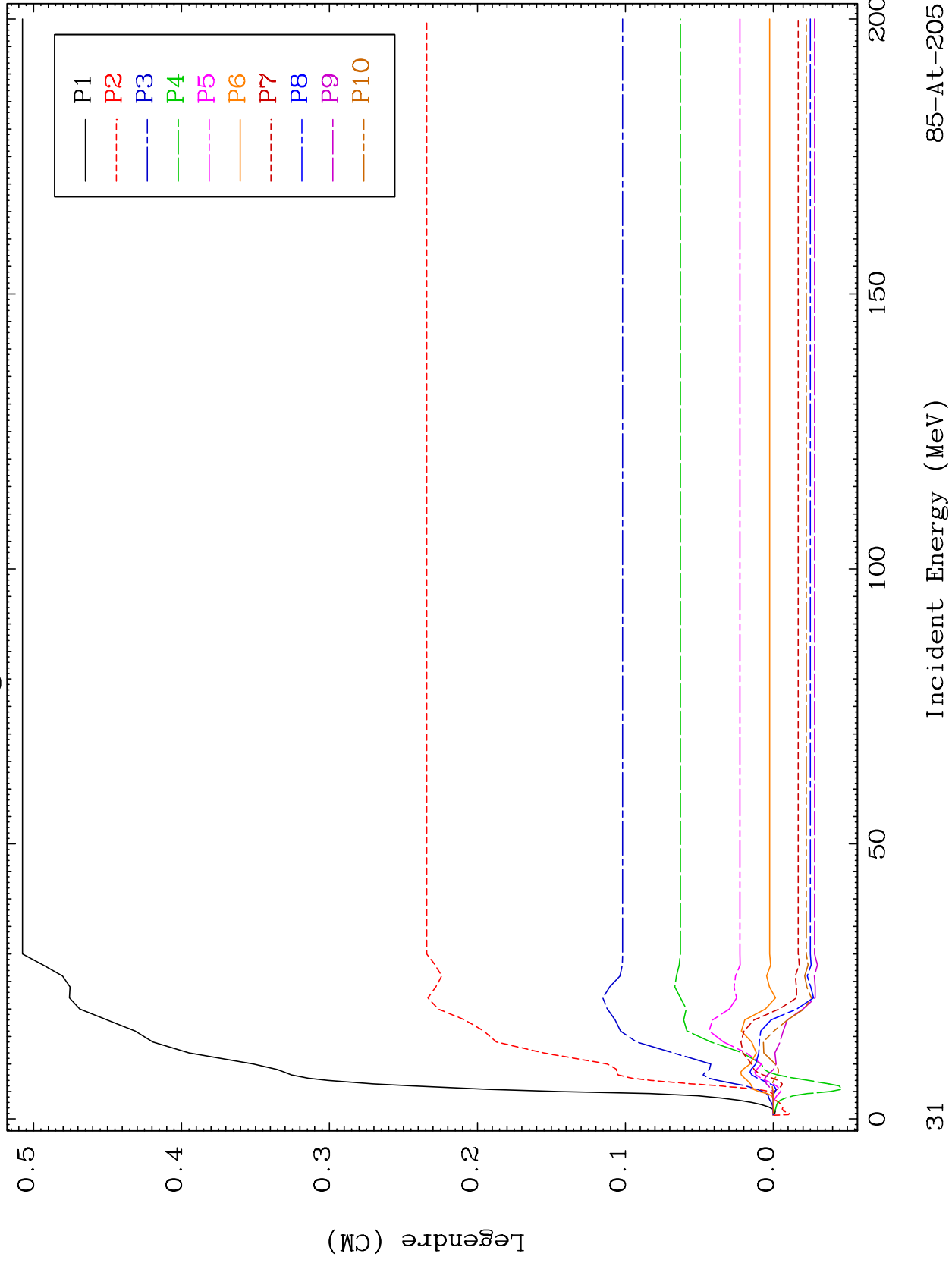
85-At-205



MAT 8531

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

85-At-205



31

Incident Energy (MeV)

85-At-205

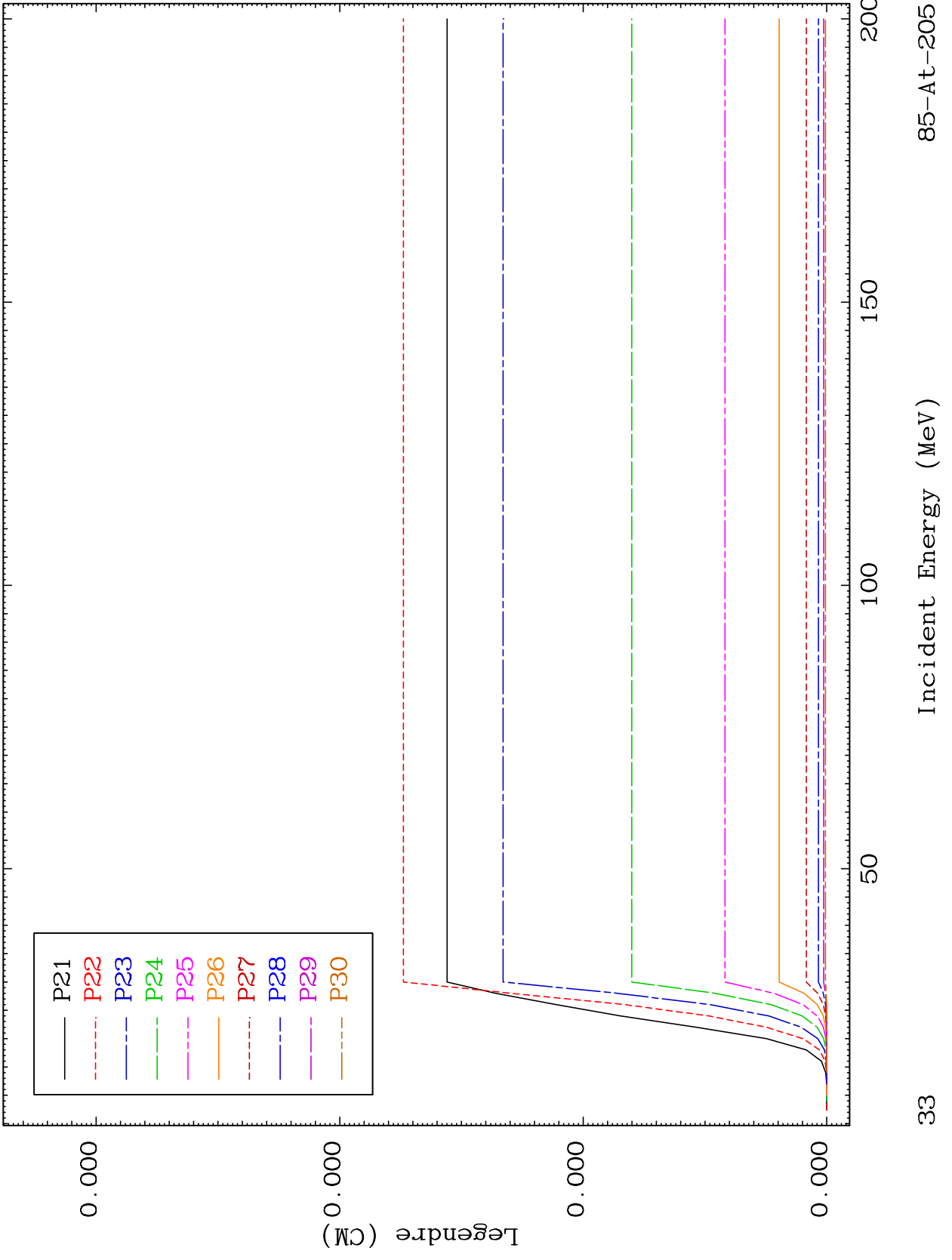




MAT 8531

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

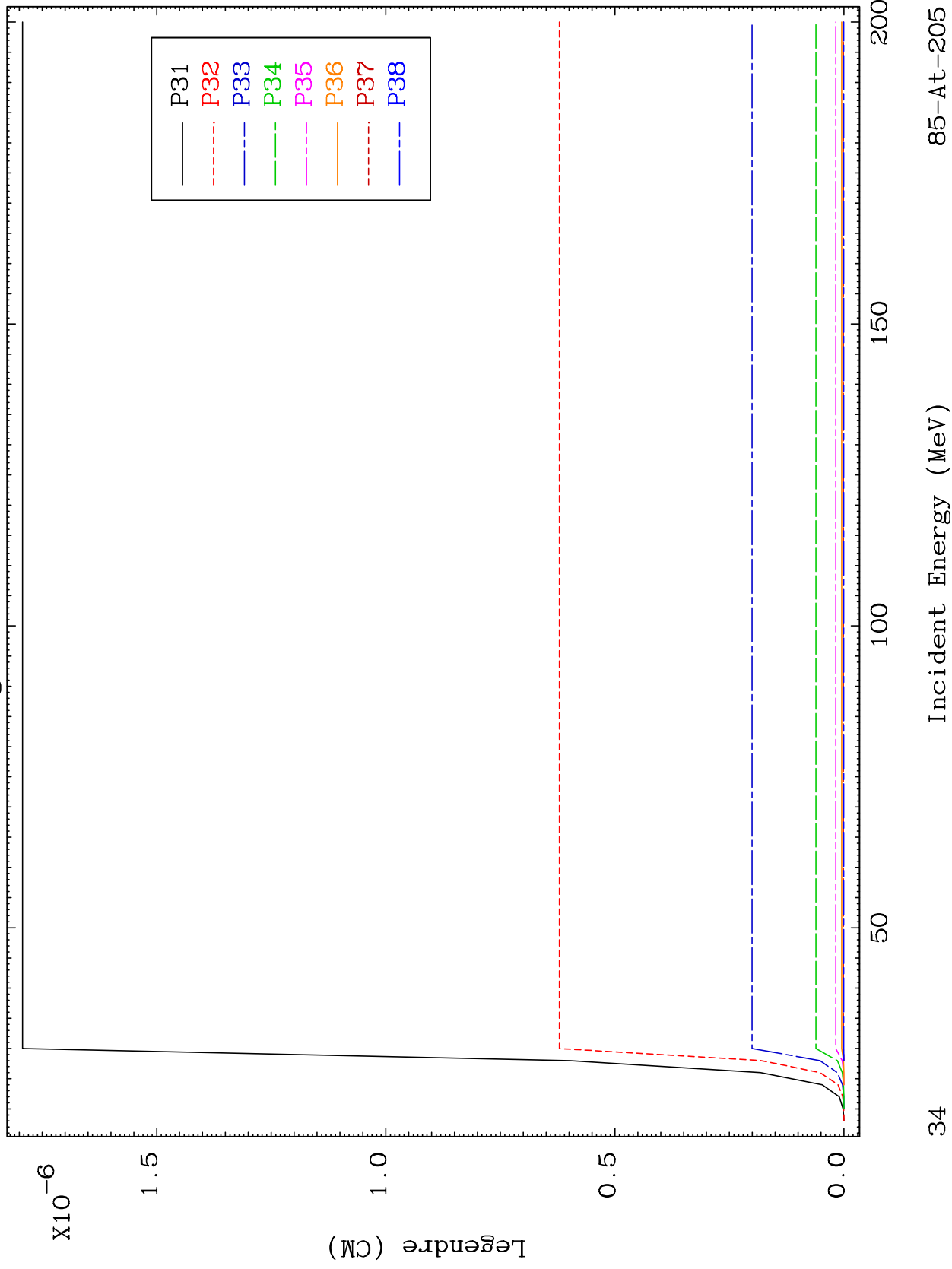
85-At-205



MAT 8531

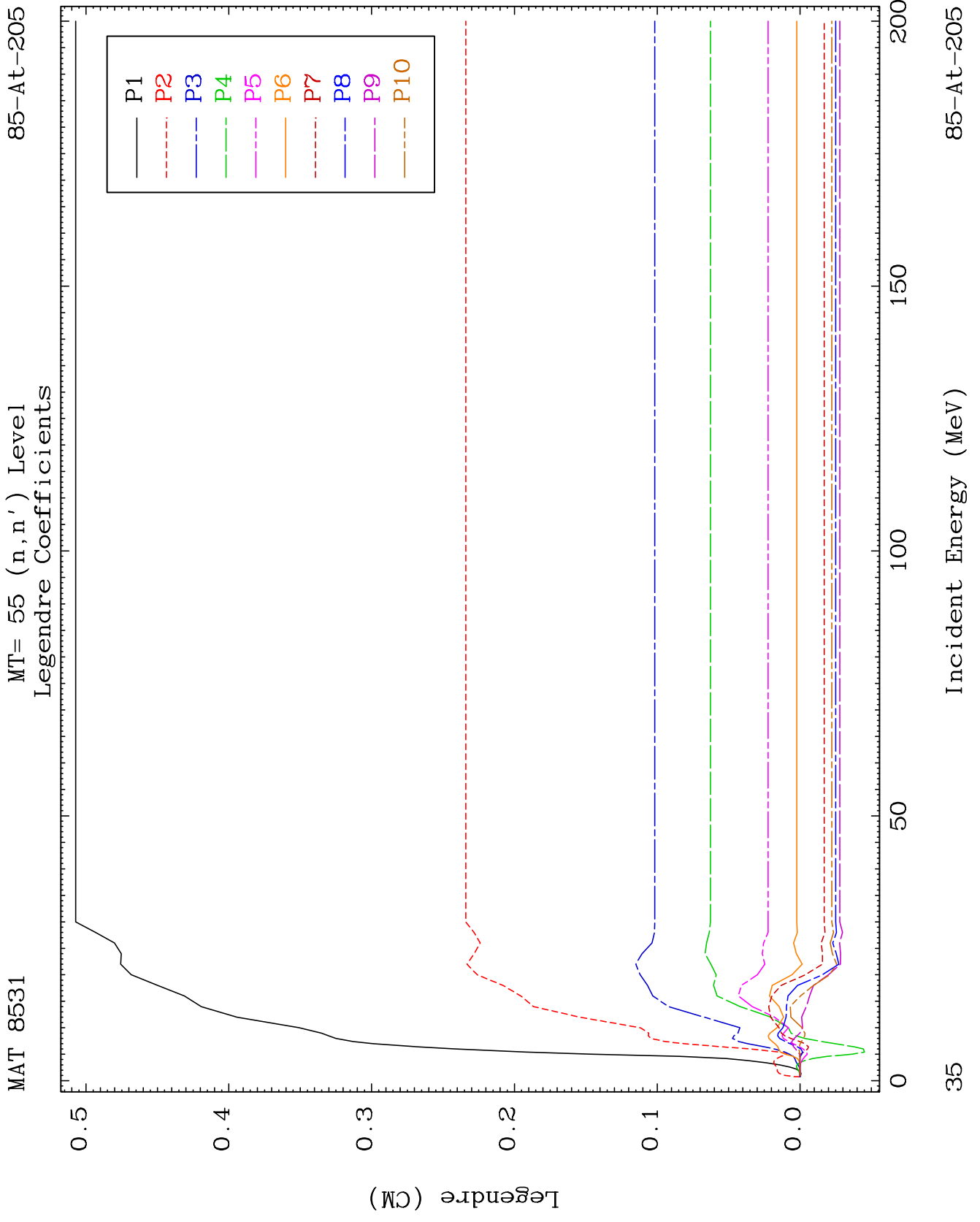
MT= 54 (n,n') Level  
Legendre Coefficients

85-At-205



34

85-At-205

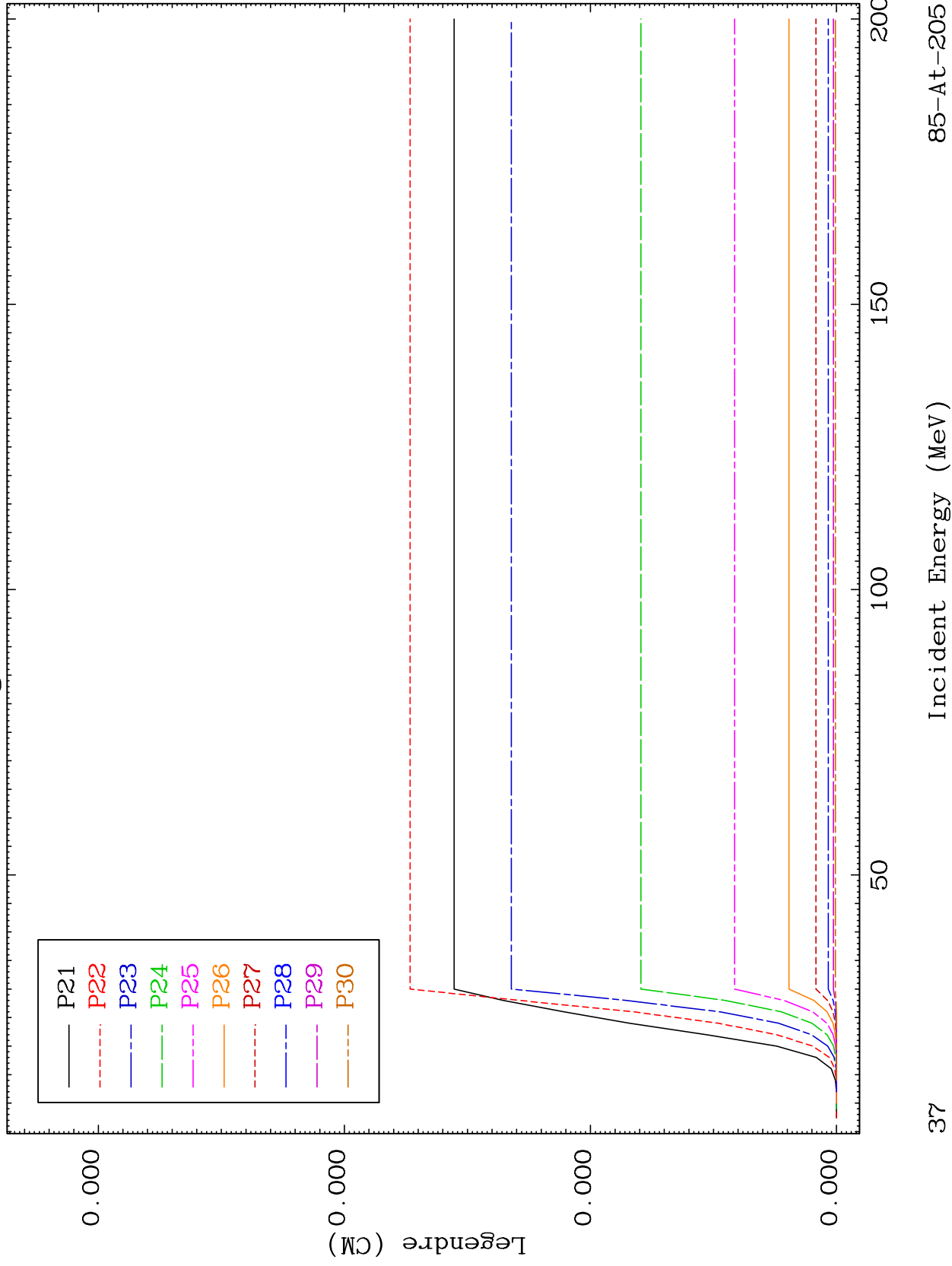




MAT 8531

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

85-At-205



37

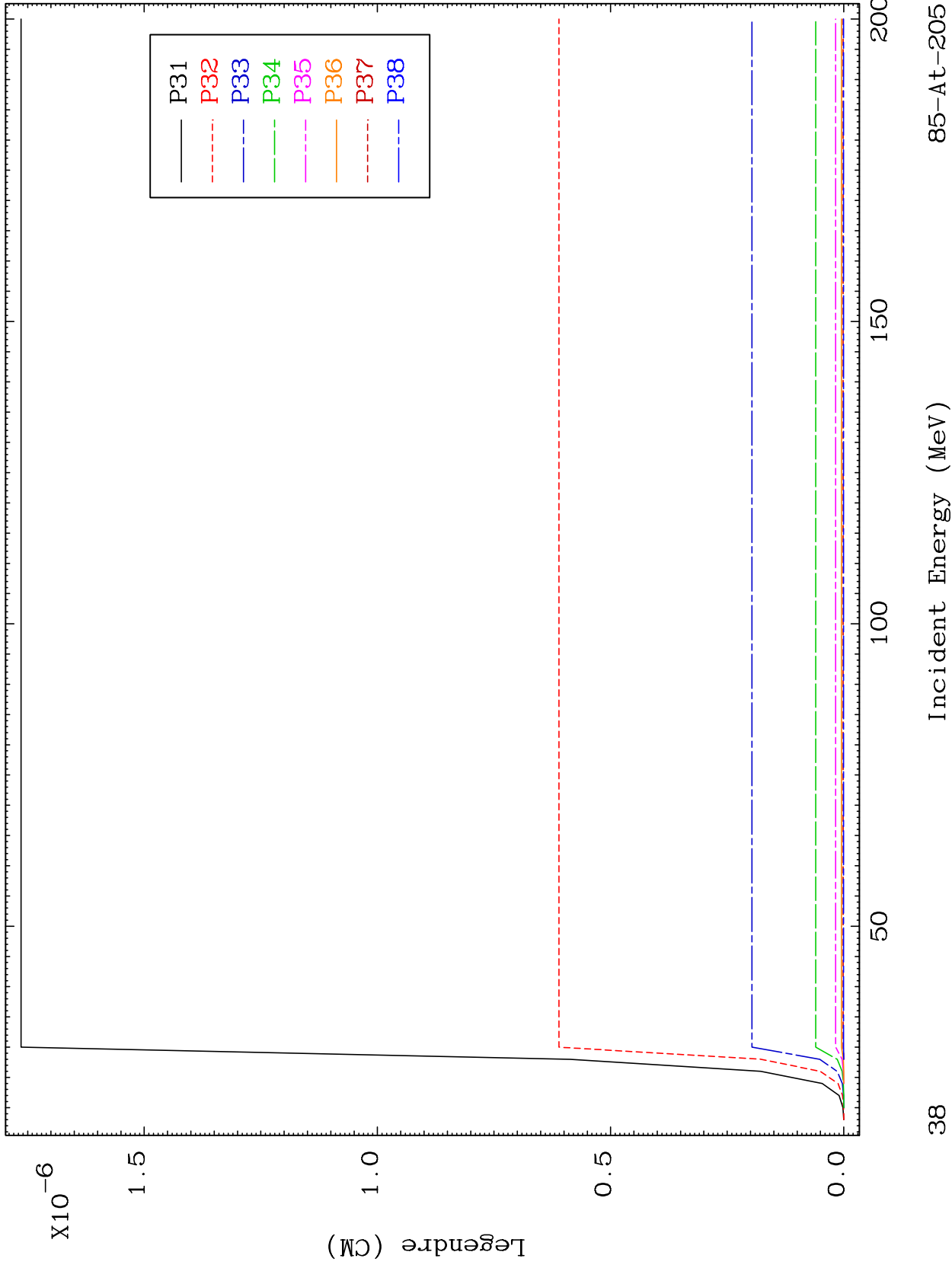
Incident Energy (MeV)

85-At-205

MAT 8531

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

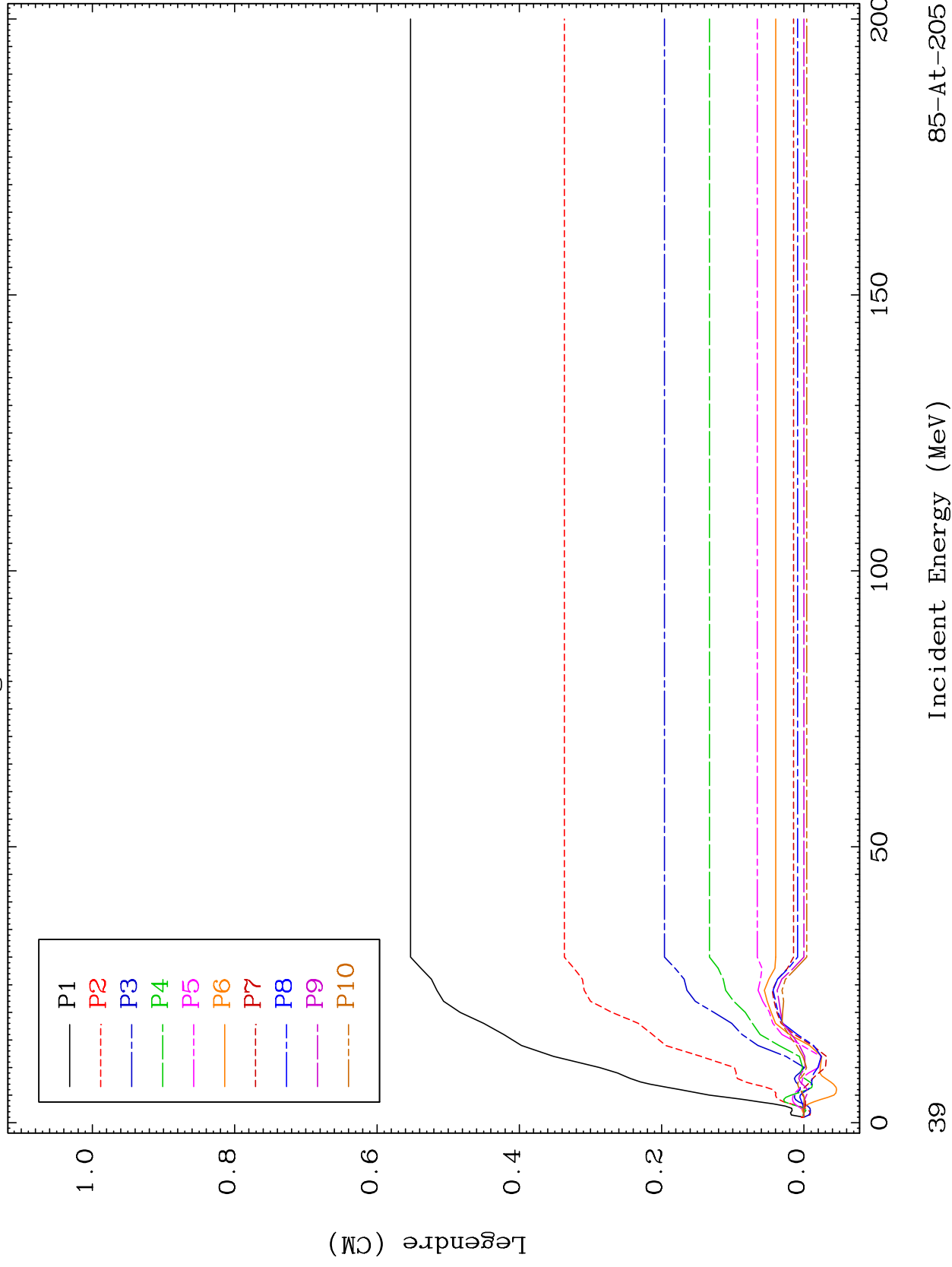
85-At-205



MAT 8531

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

85-At-205

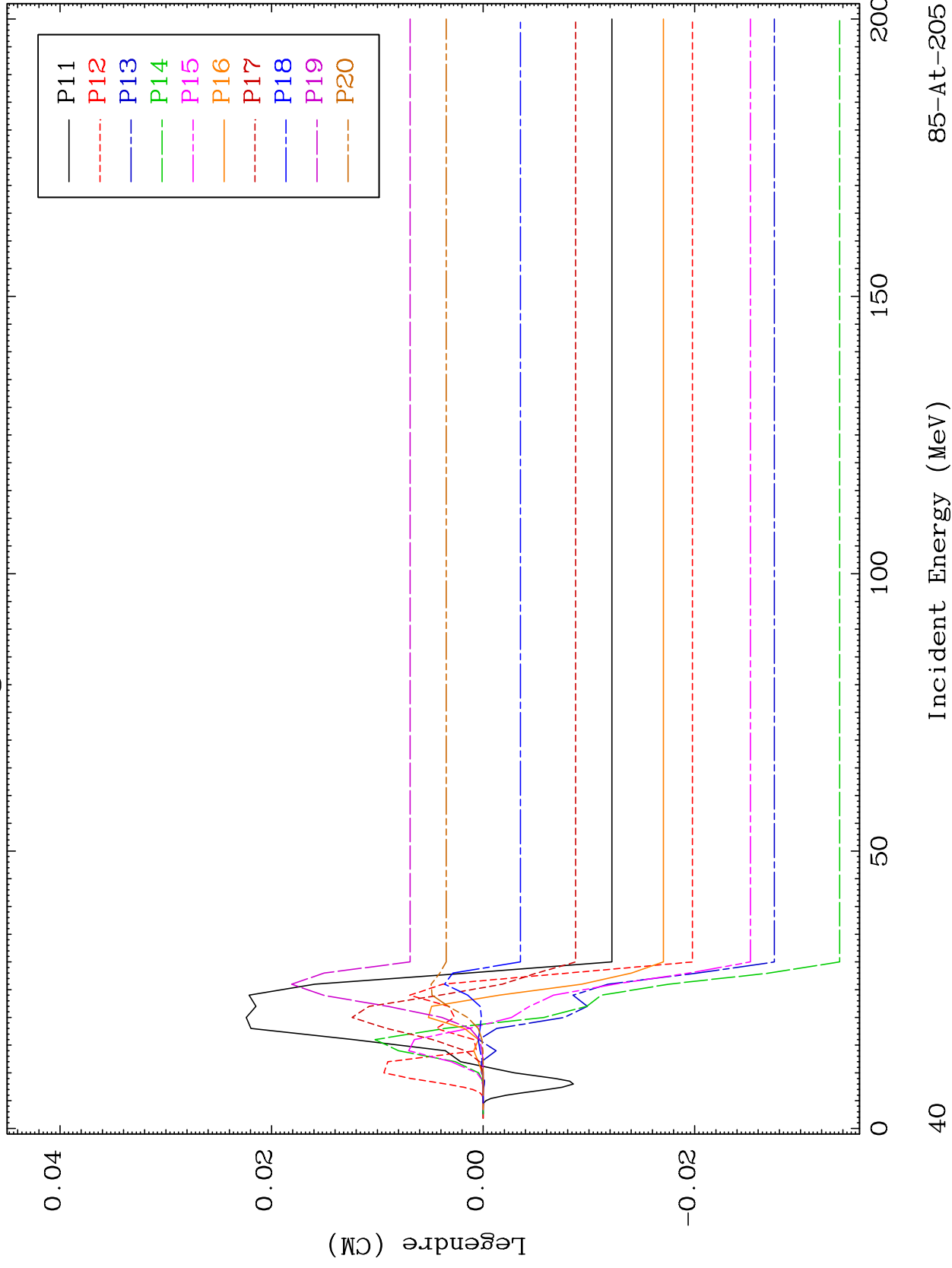




MAT 8531

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

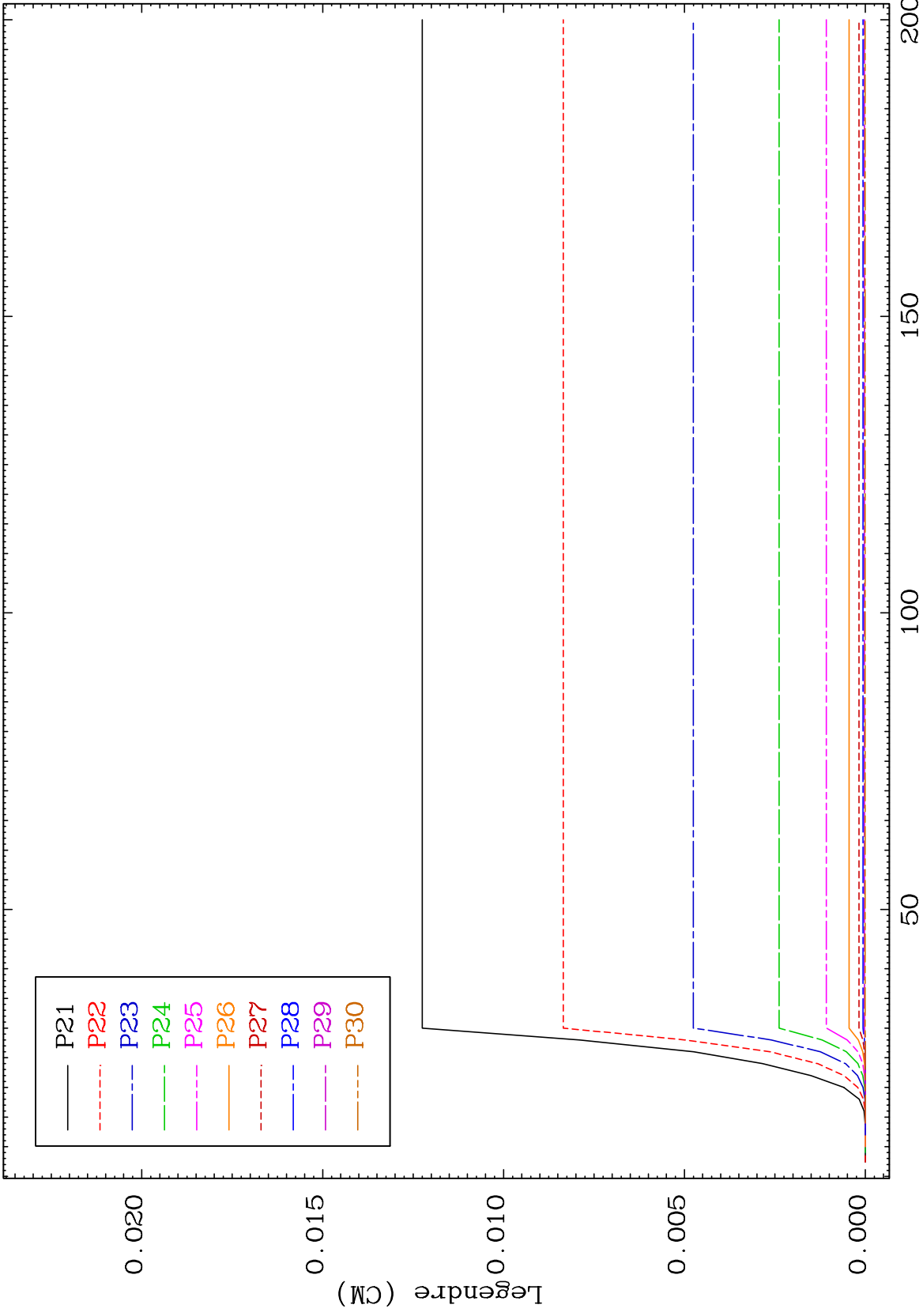
85-At-205



MAT 8531

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

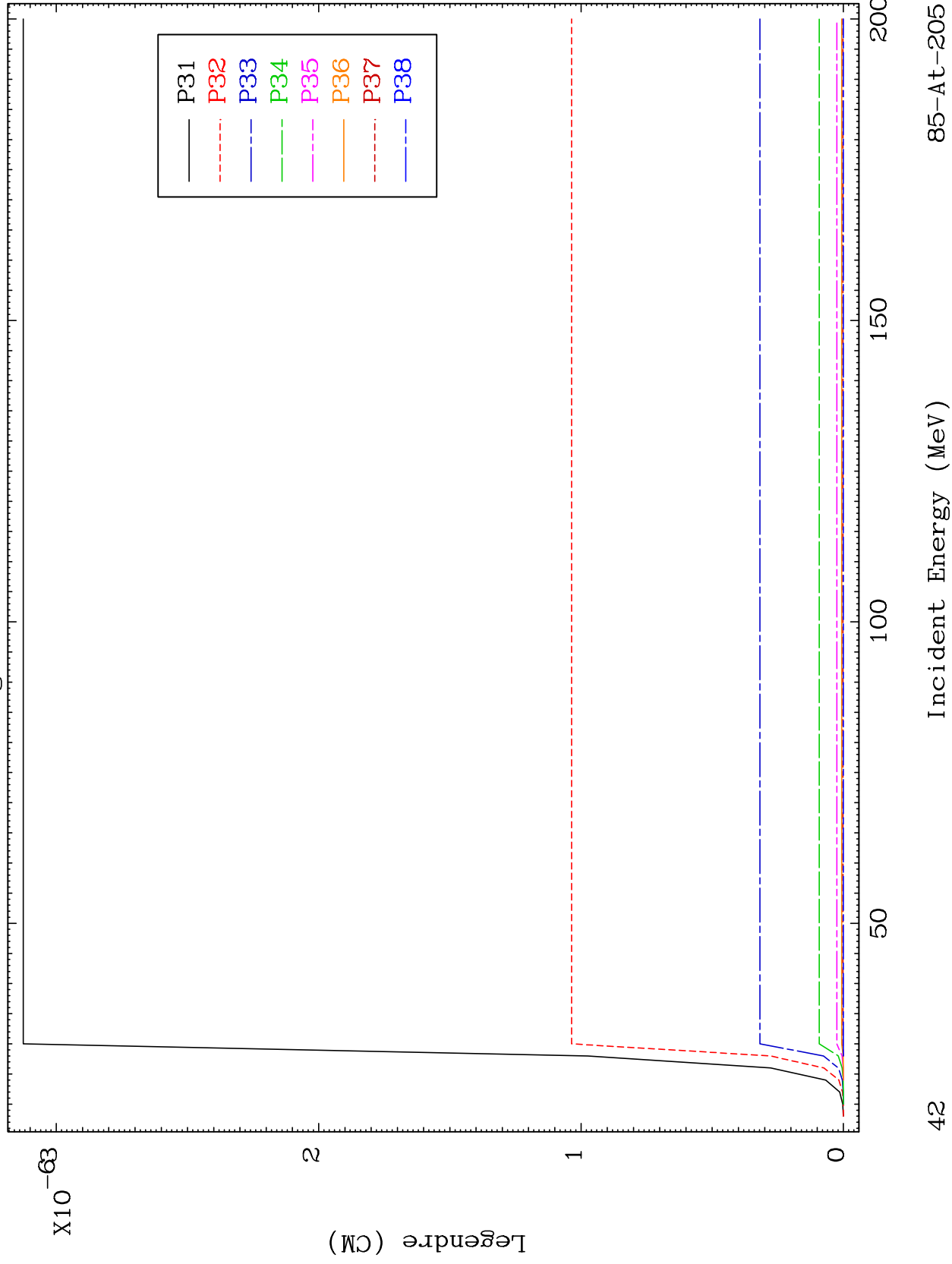
85-At-205



MAT 8531

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

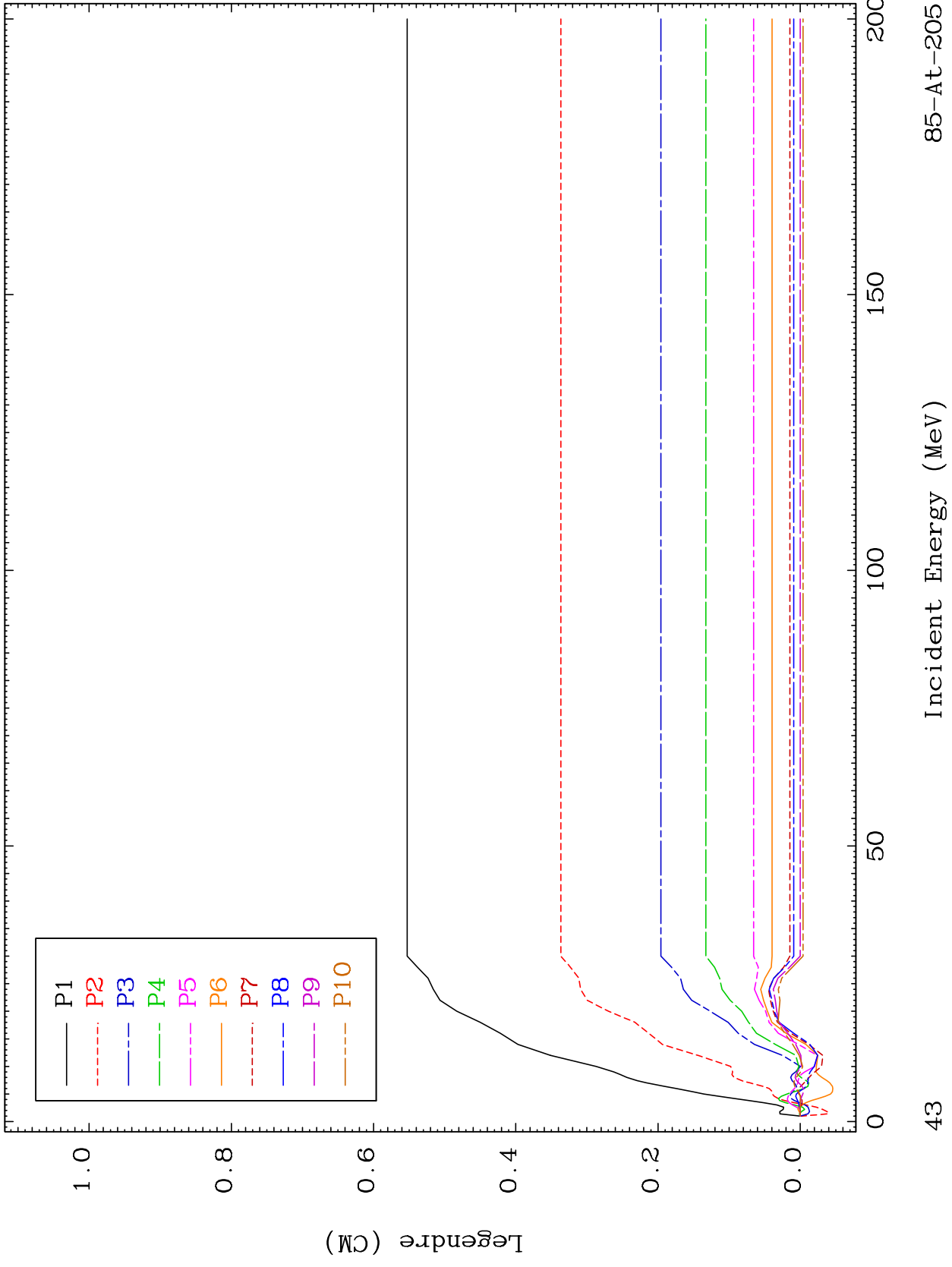
85-At-205



MAT 8531

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

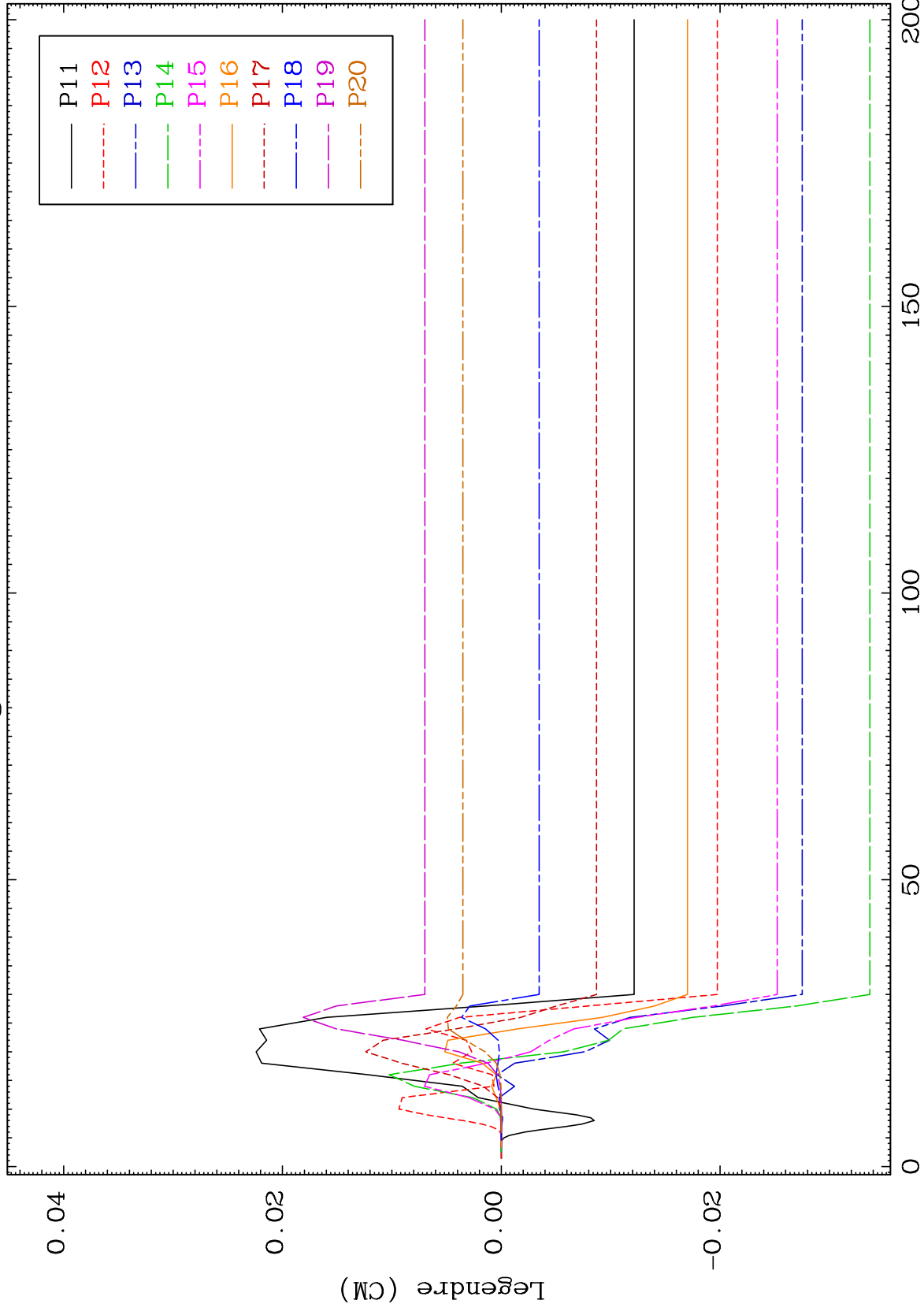
85-At-205



MAT 8531

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

85-At-205



44

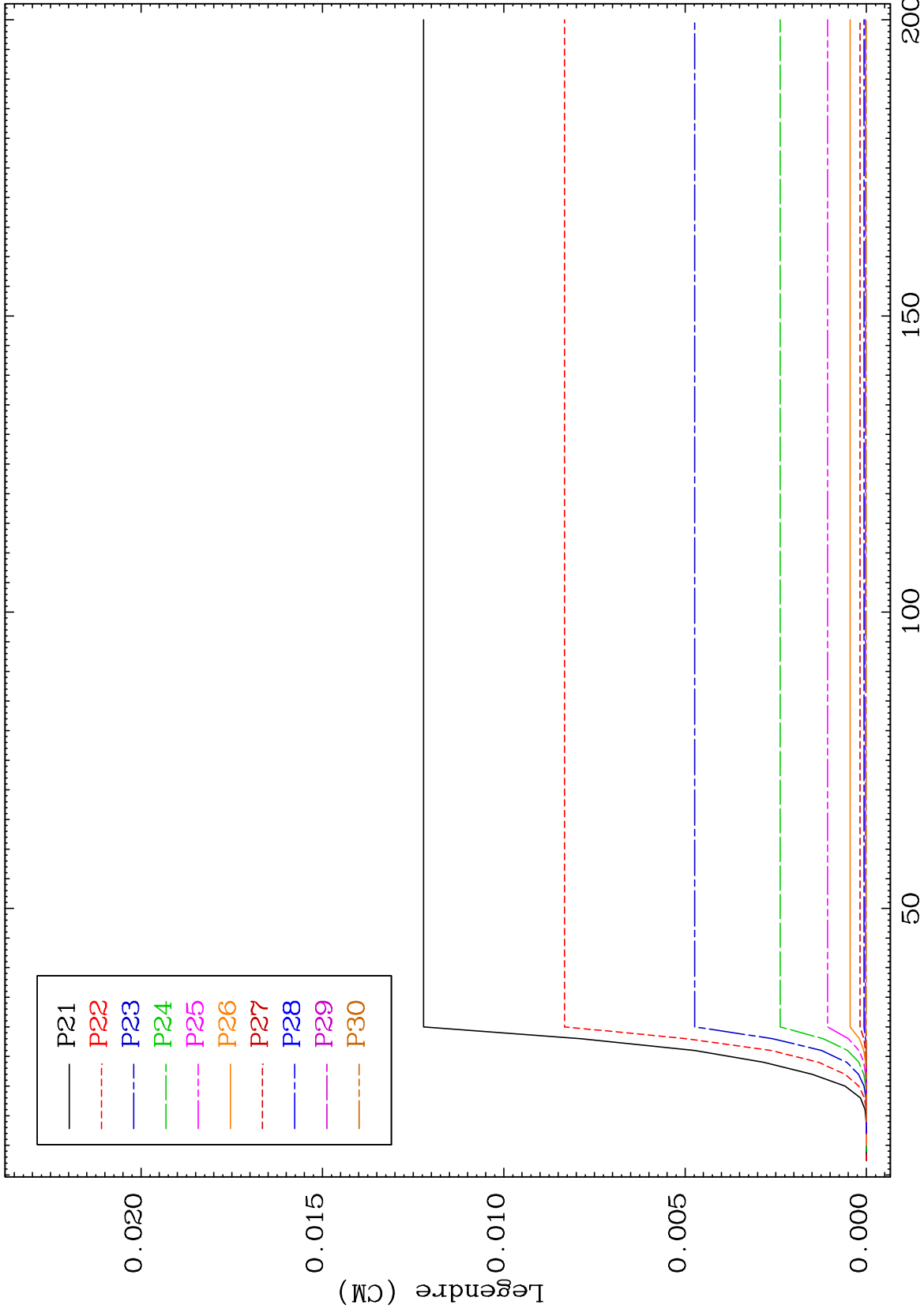
Incident Energy (MeV)

85-At-205

MAT 8531

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

85-At-205



45

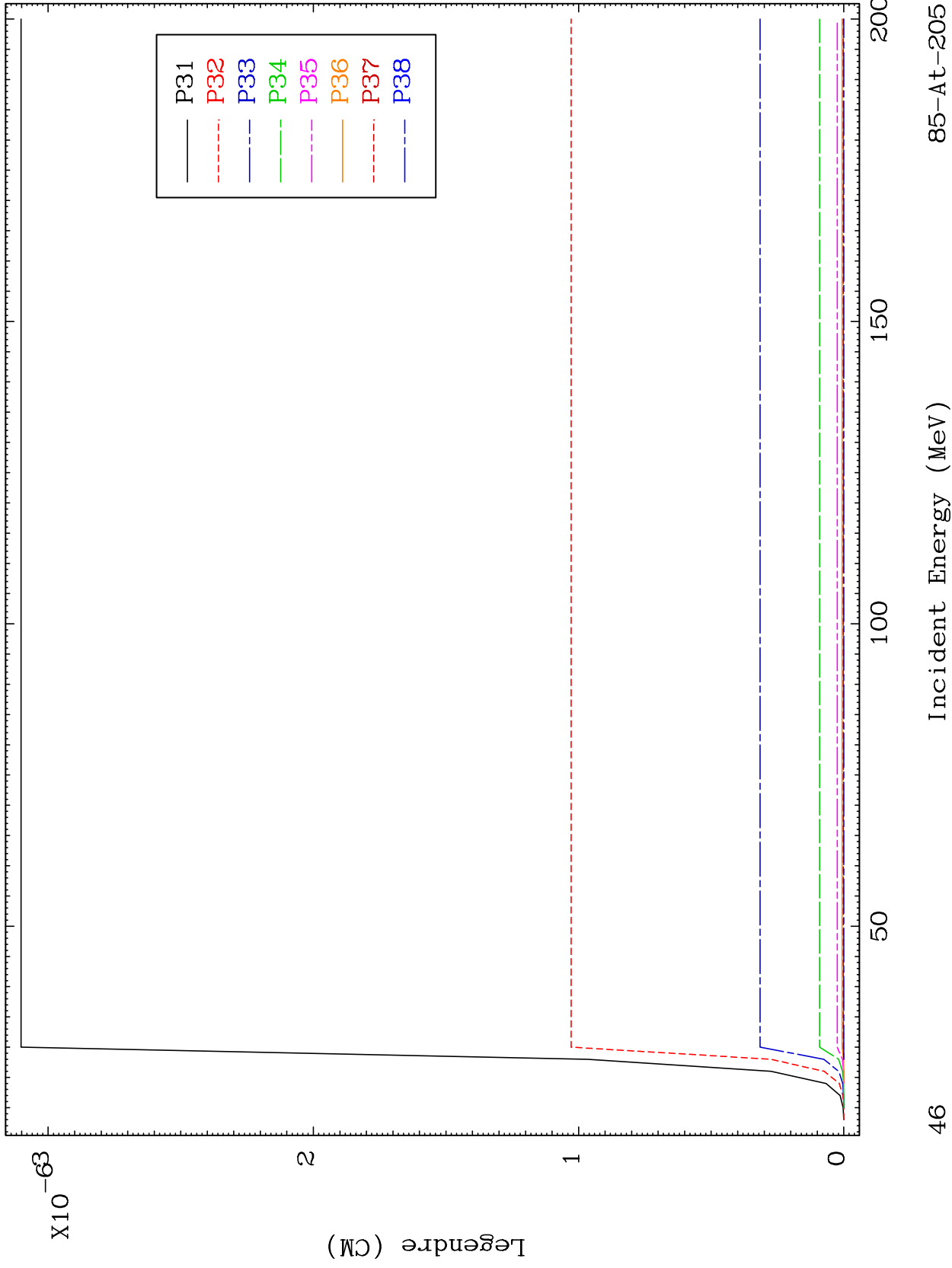
Incident Energy (MeV)

85-At-205

MAT 8531

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

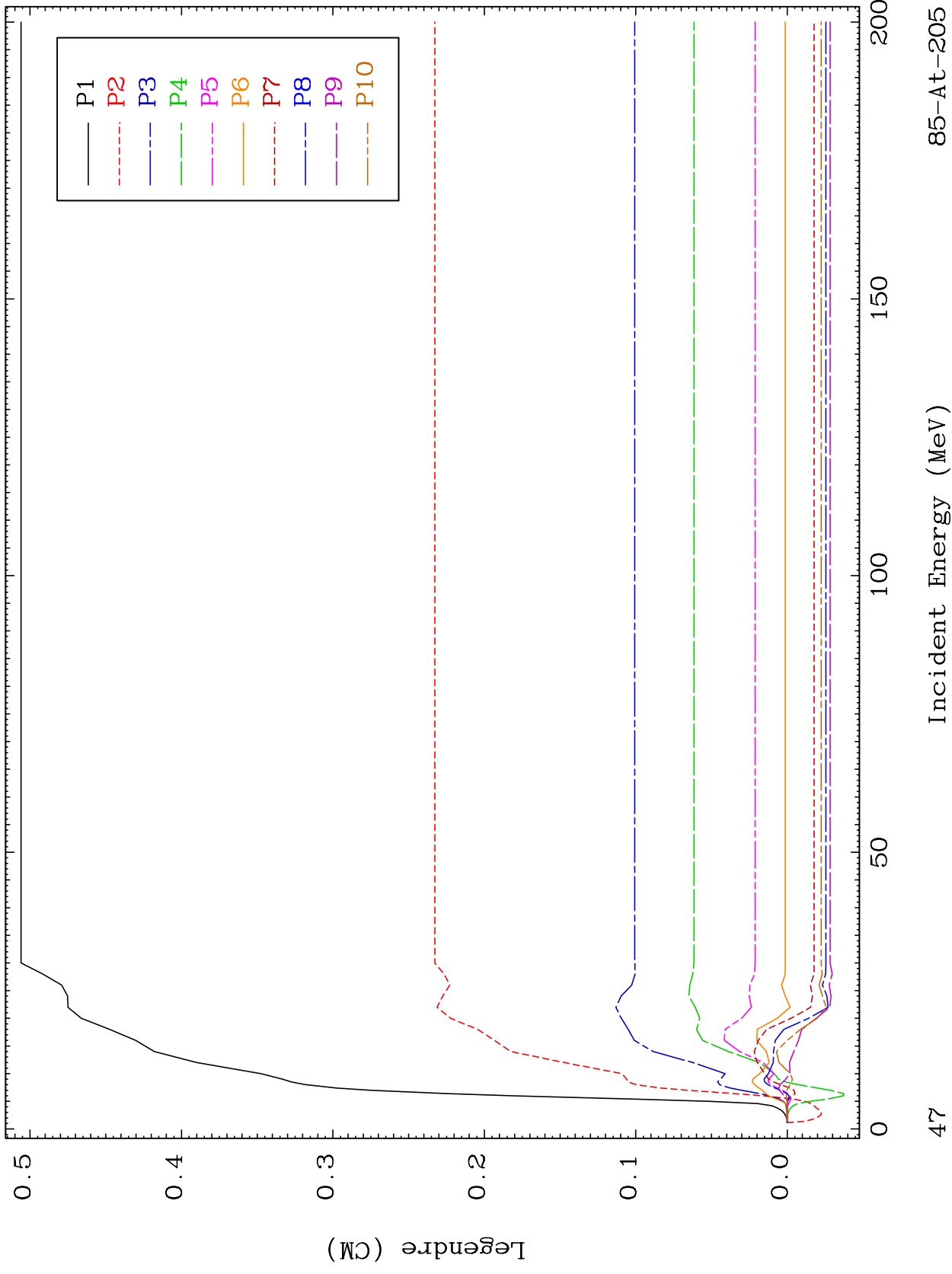
85-At-205



MAT 8531

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

85-At-205

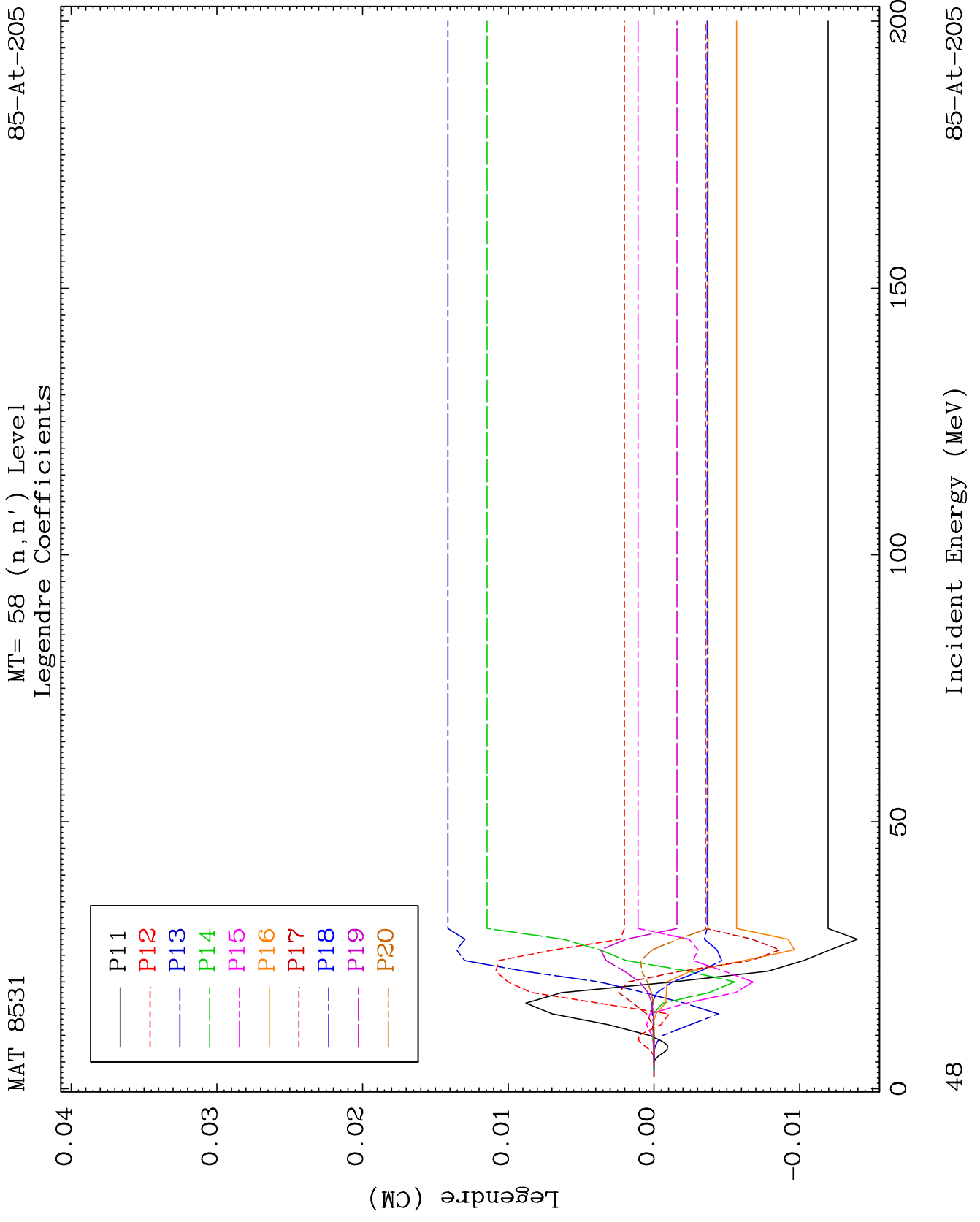


85-At-205

Incident Energy (MeV)

47

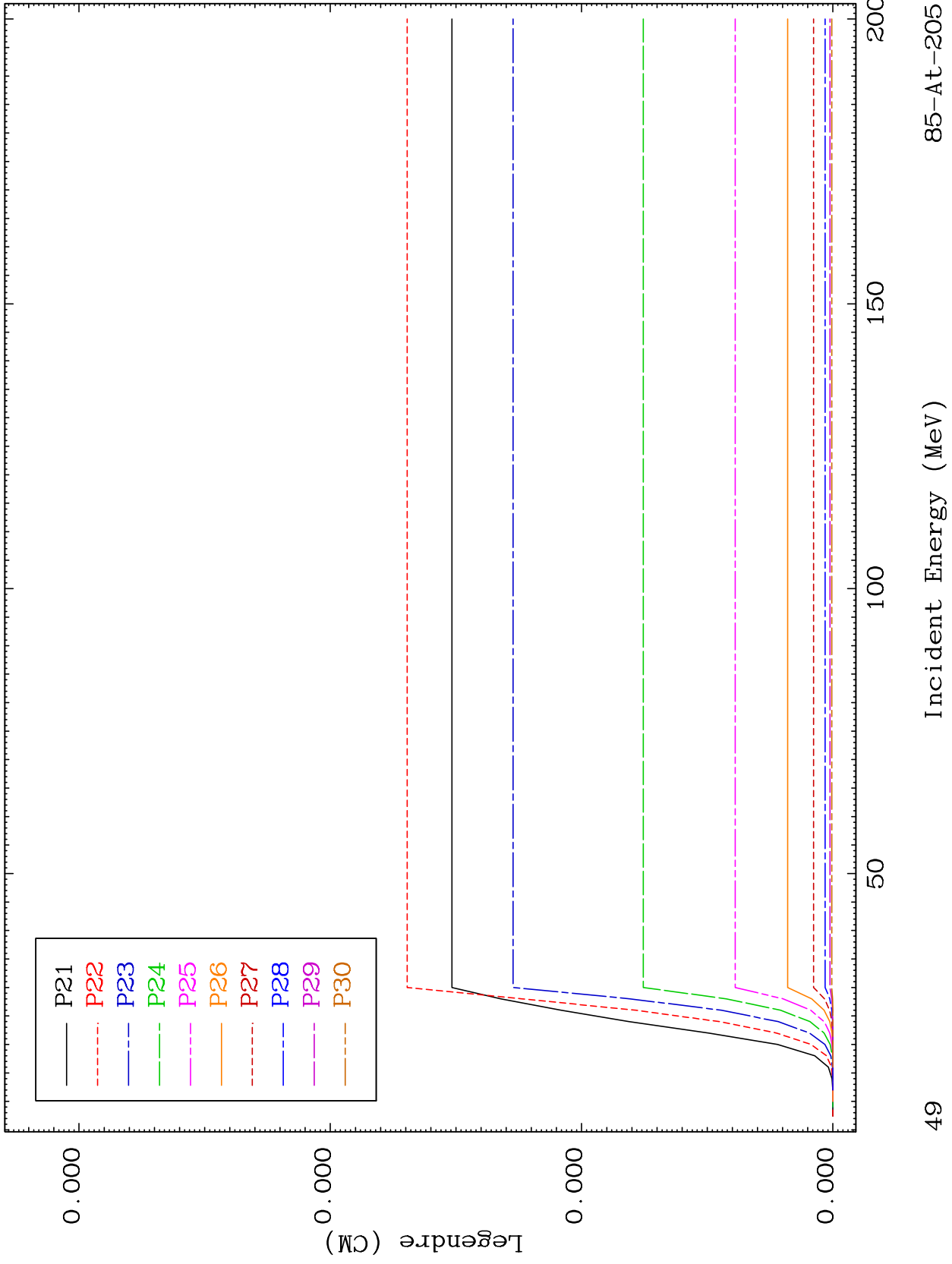




MAT 8531

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

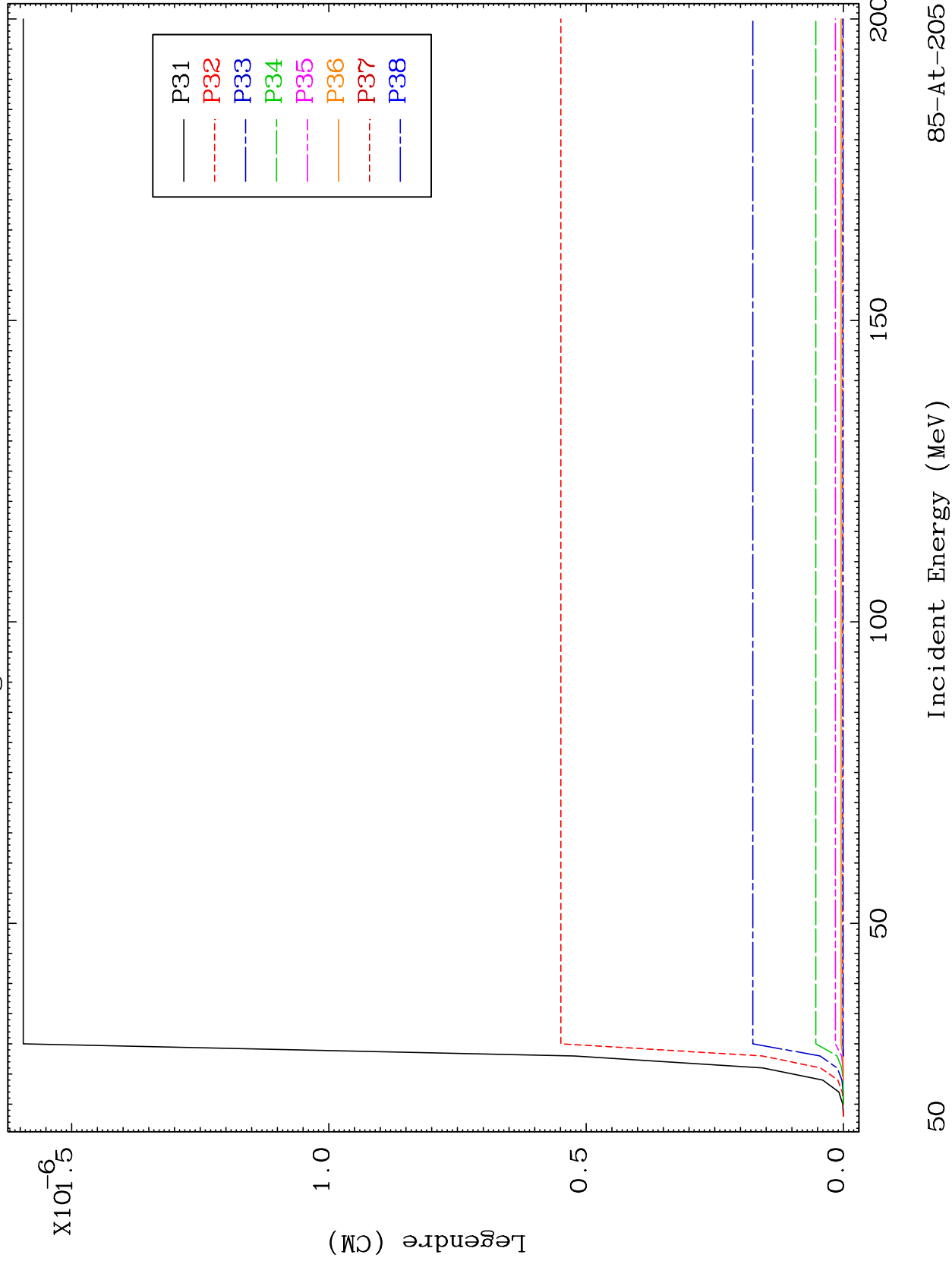
85-At-205



MAT 8531

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

85-At-205

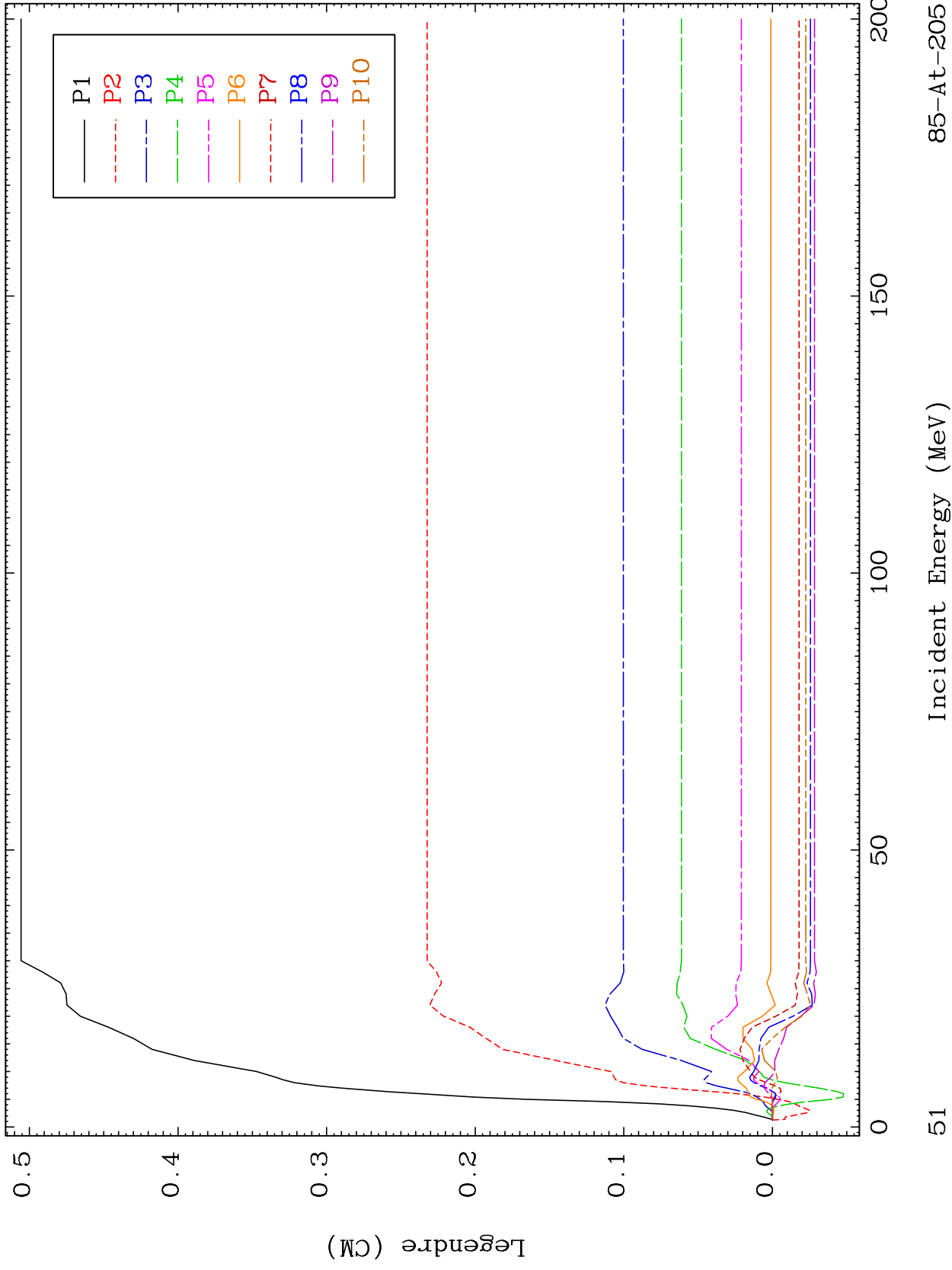


85-At-205

MAT 8531

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

85-At-205



85-At-205

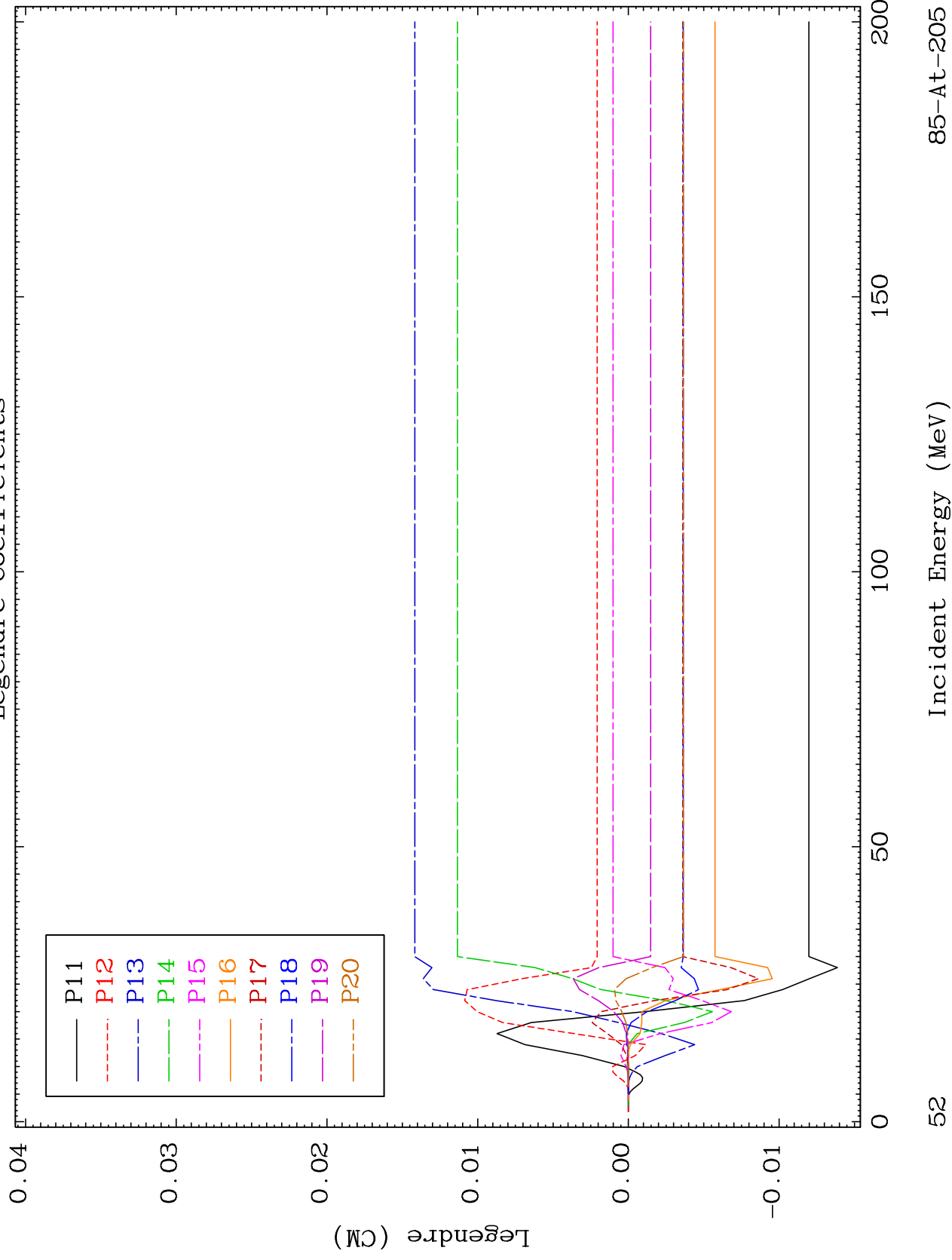
Incident Energy (MeV)

51

MAT 8531

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

85-At-205



85-At-205

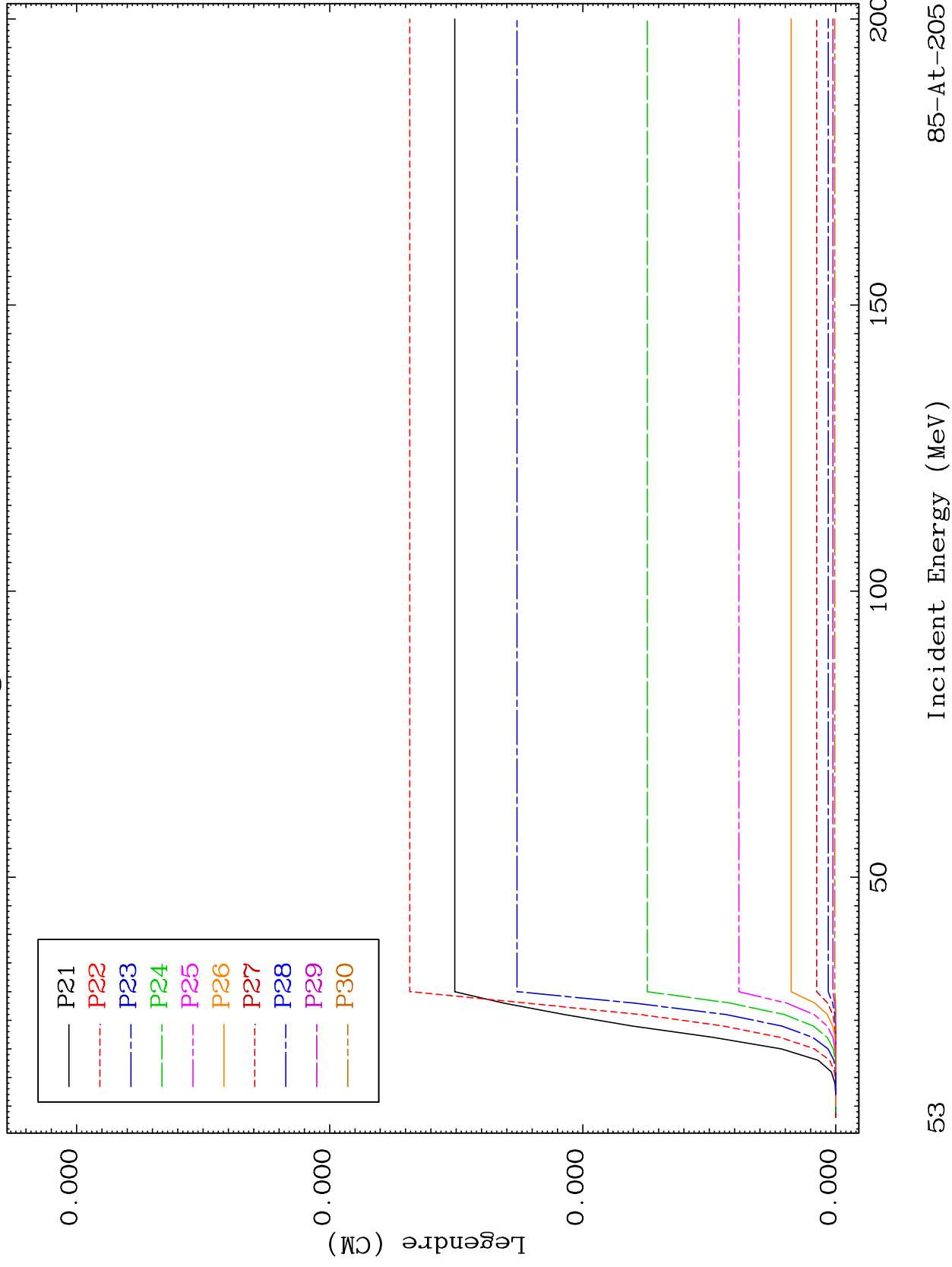
Incident Energy (MeV)

52

MAT 8531

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

85-At-205



53

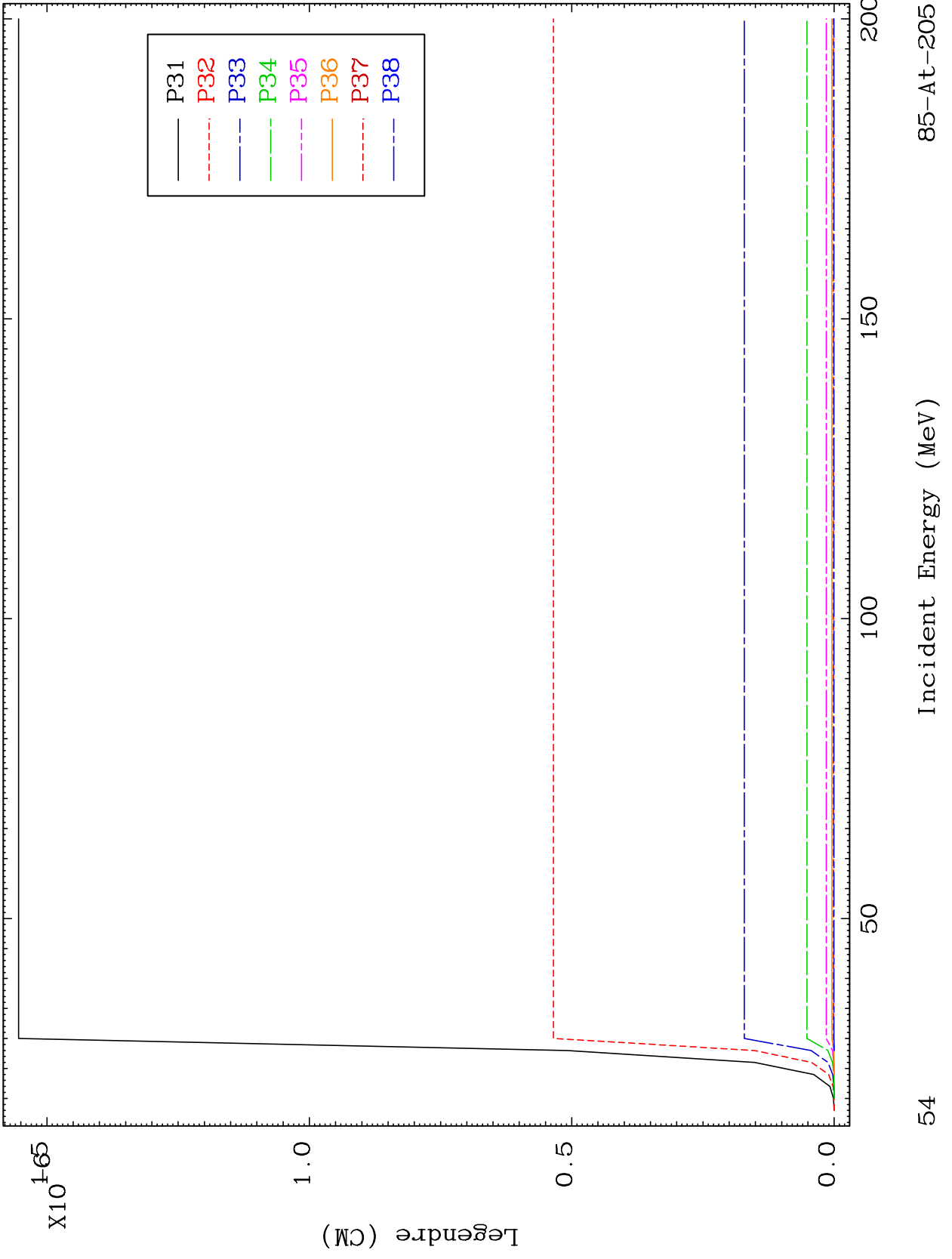
Incident Energy (MeV)

85-At-205

MAT 8531

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

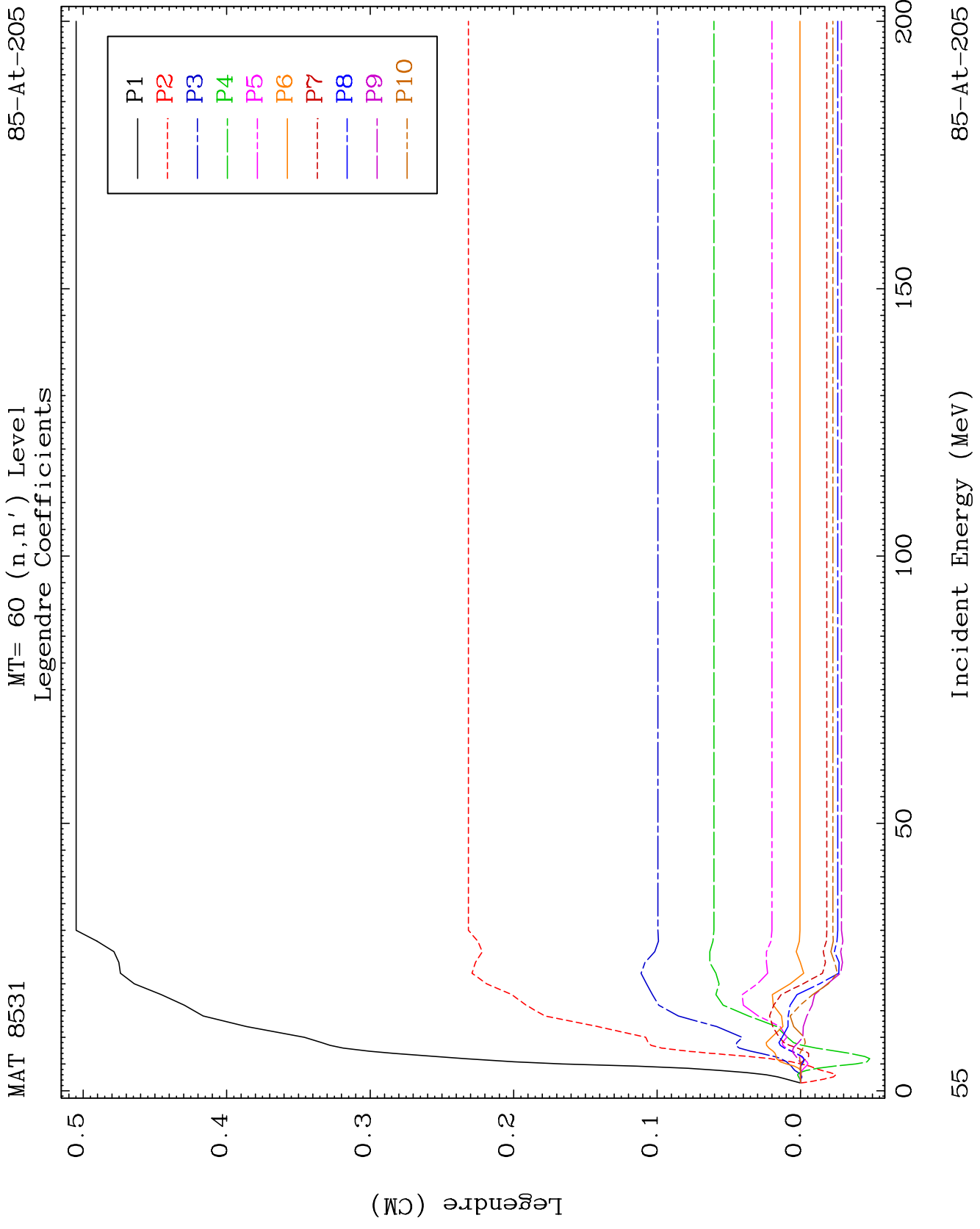
85-At-205



54

Incident Energy (MeV)

85-At-205



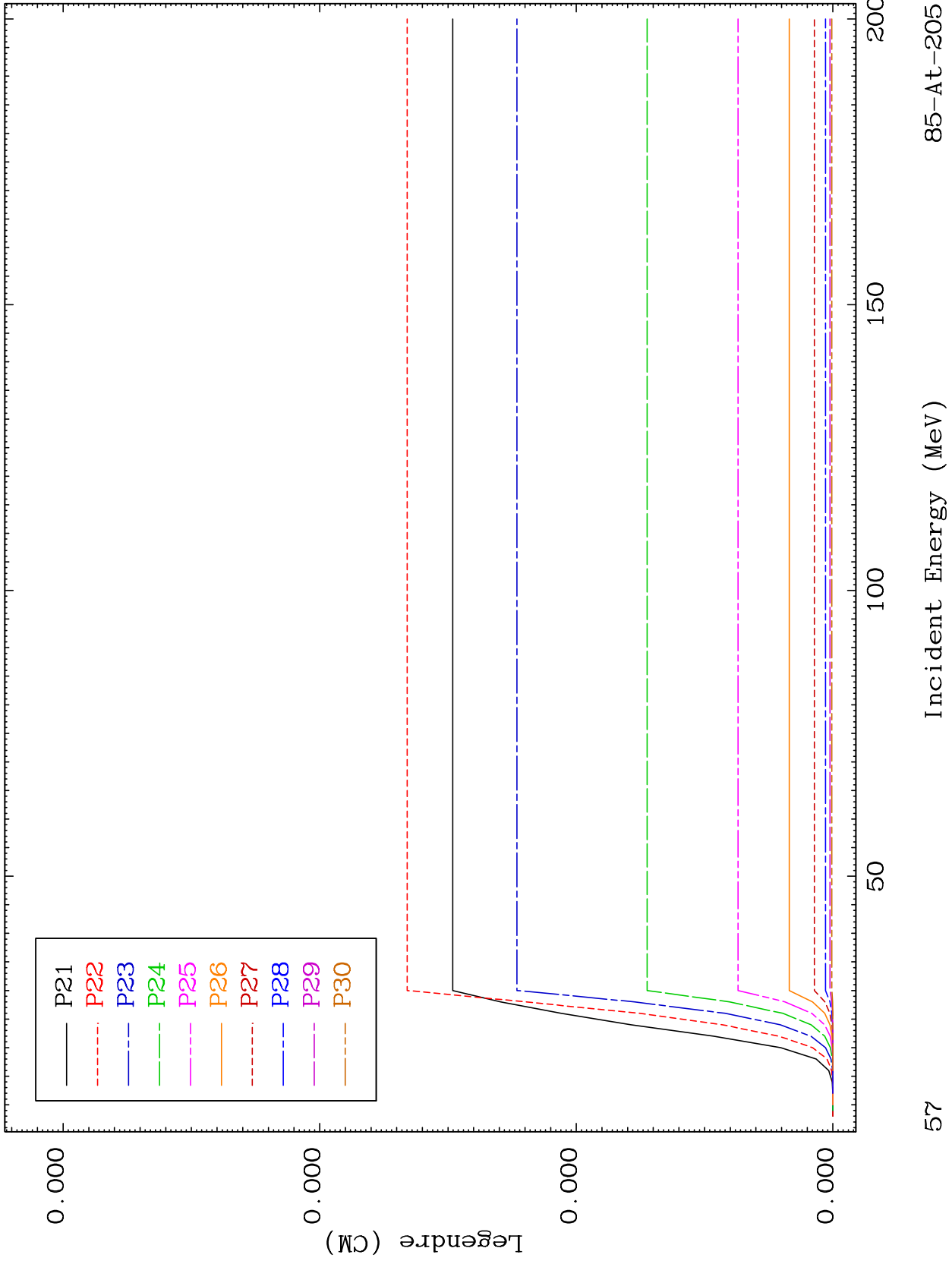




MAT 8531

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

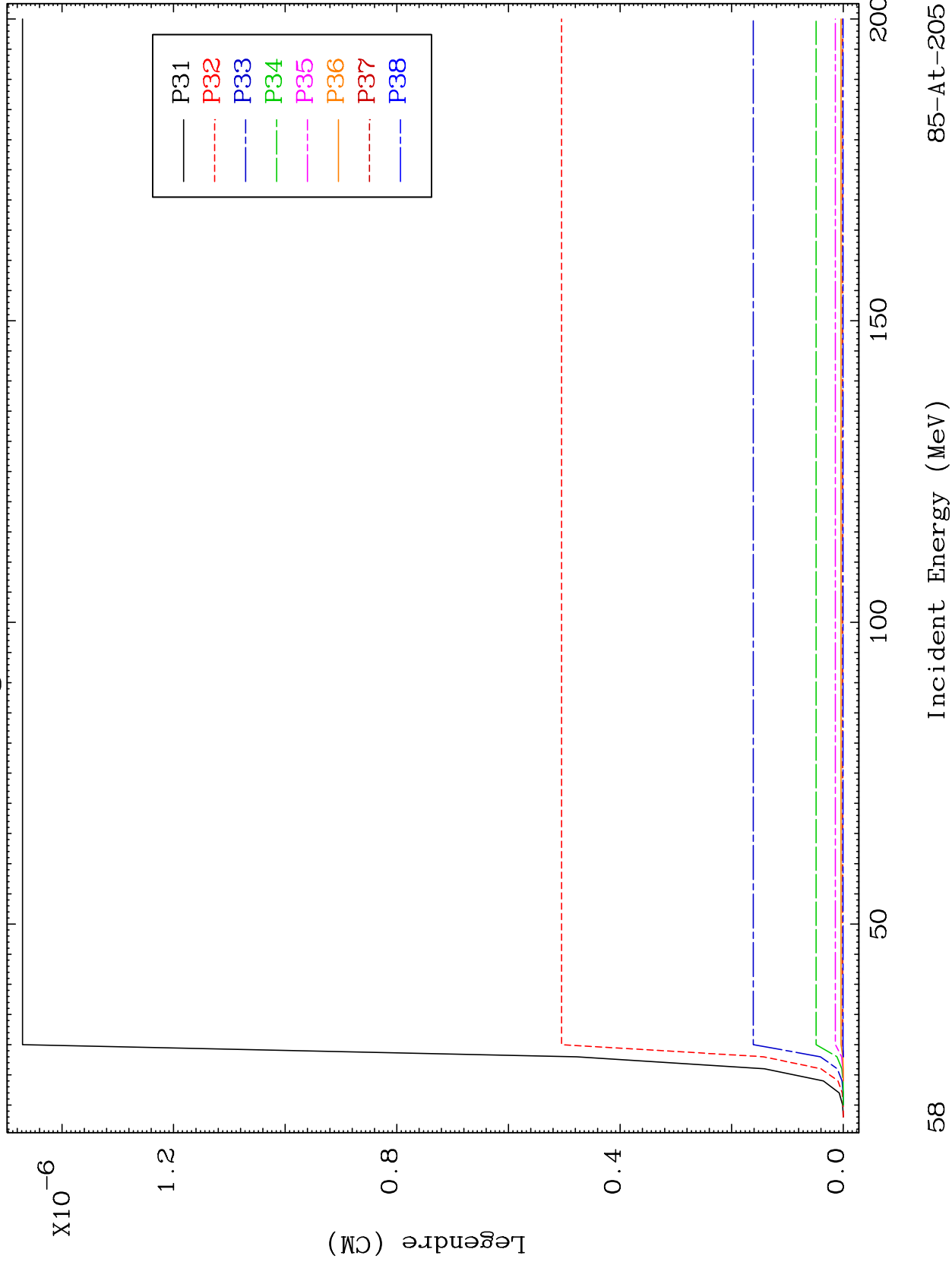
85-At-205



MAT 8531

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

85-At-205

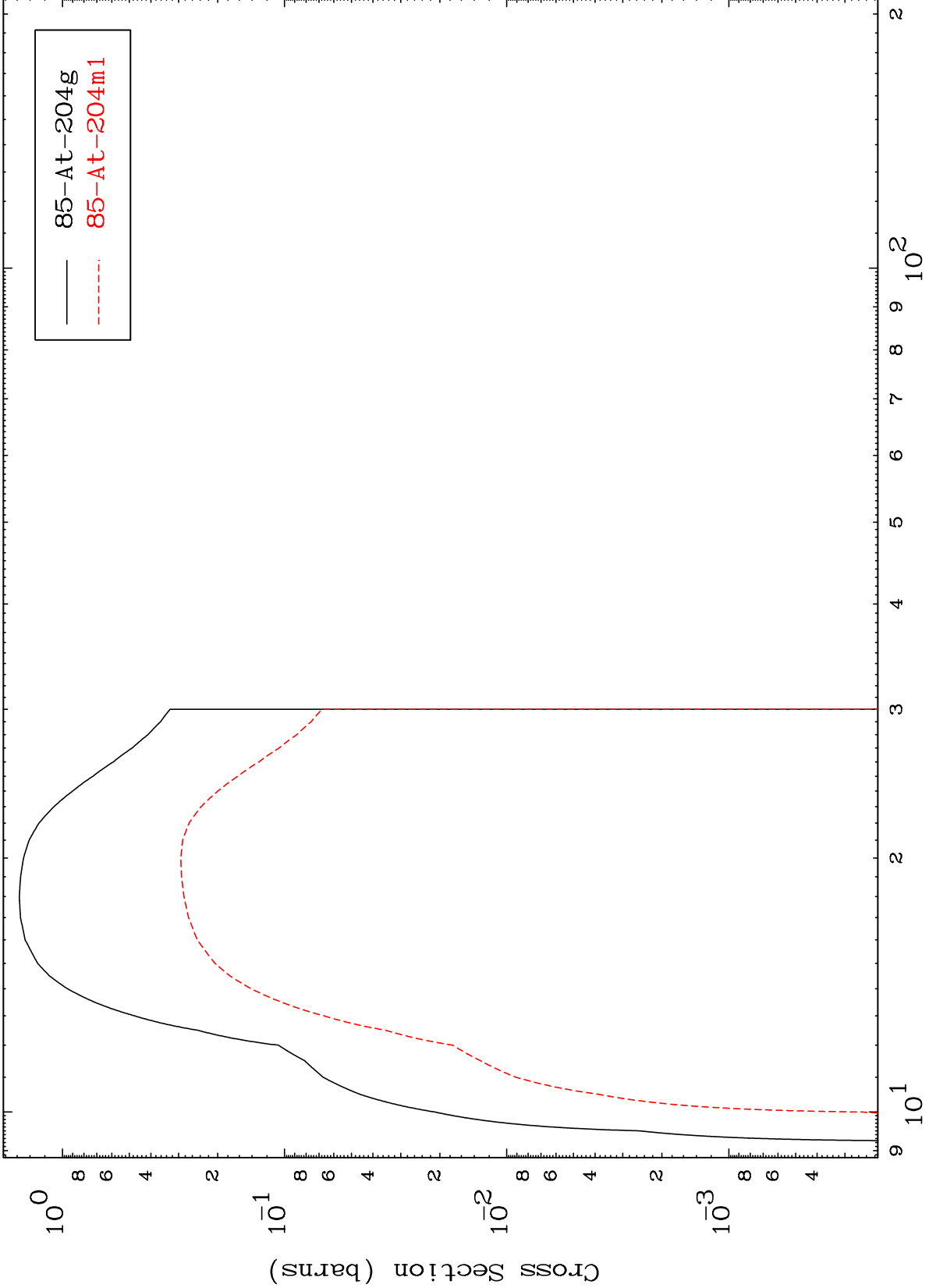


MAT 8531

85-At-205

(n,2n)

Radionuclide Production Cross Section



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

85-At-205

Incident Energy (MeV)

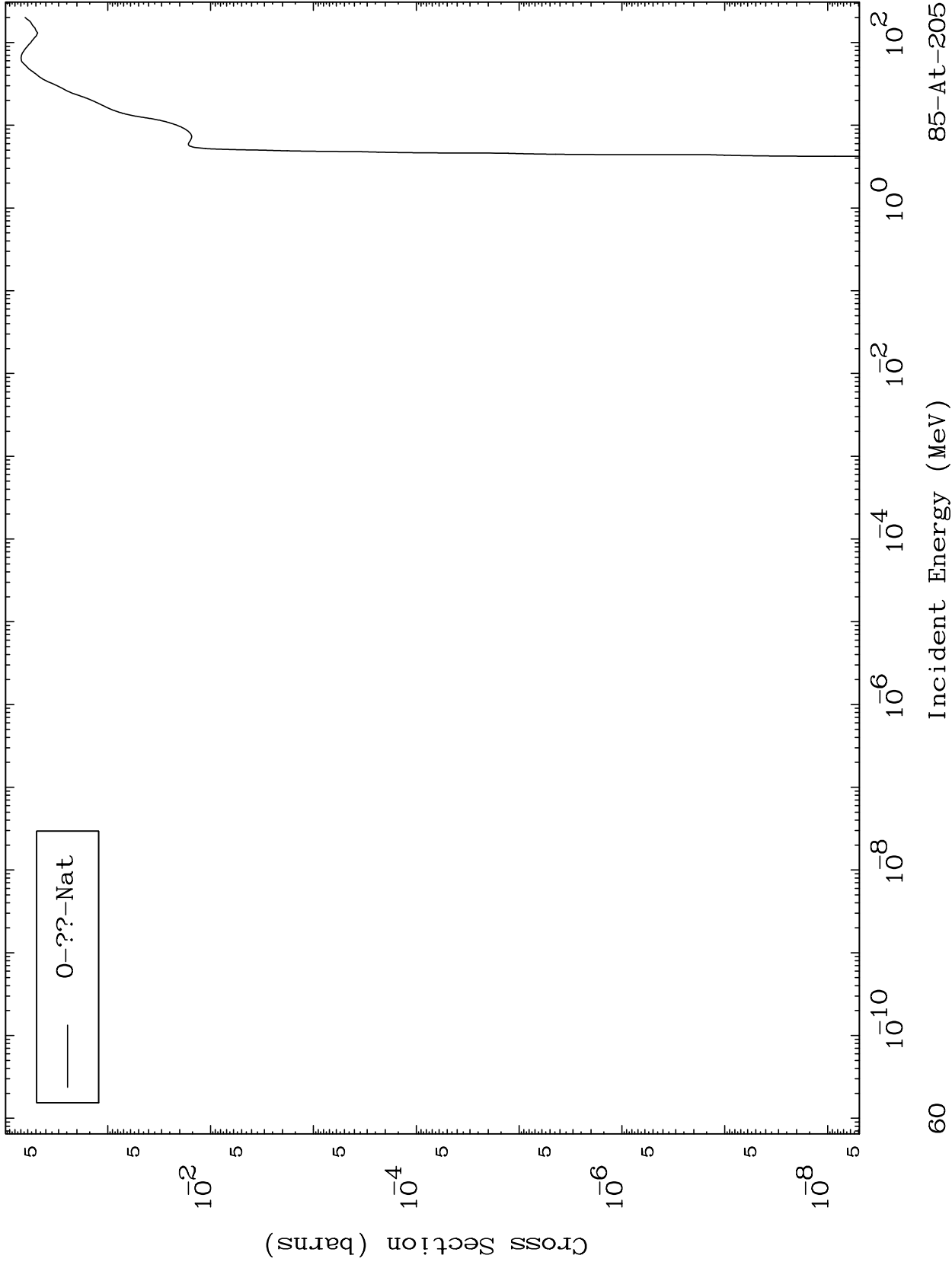
59

MAT 8531

Fission

85-At-205

Radionuclide Production Cross Section



60

Incident Energy (MeV)

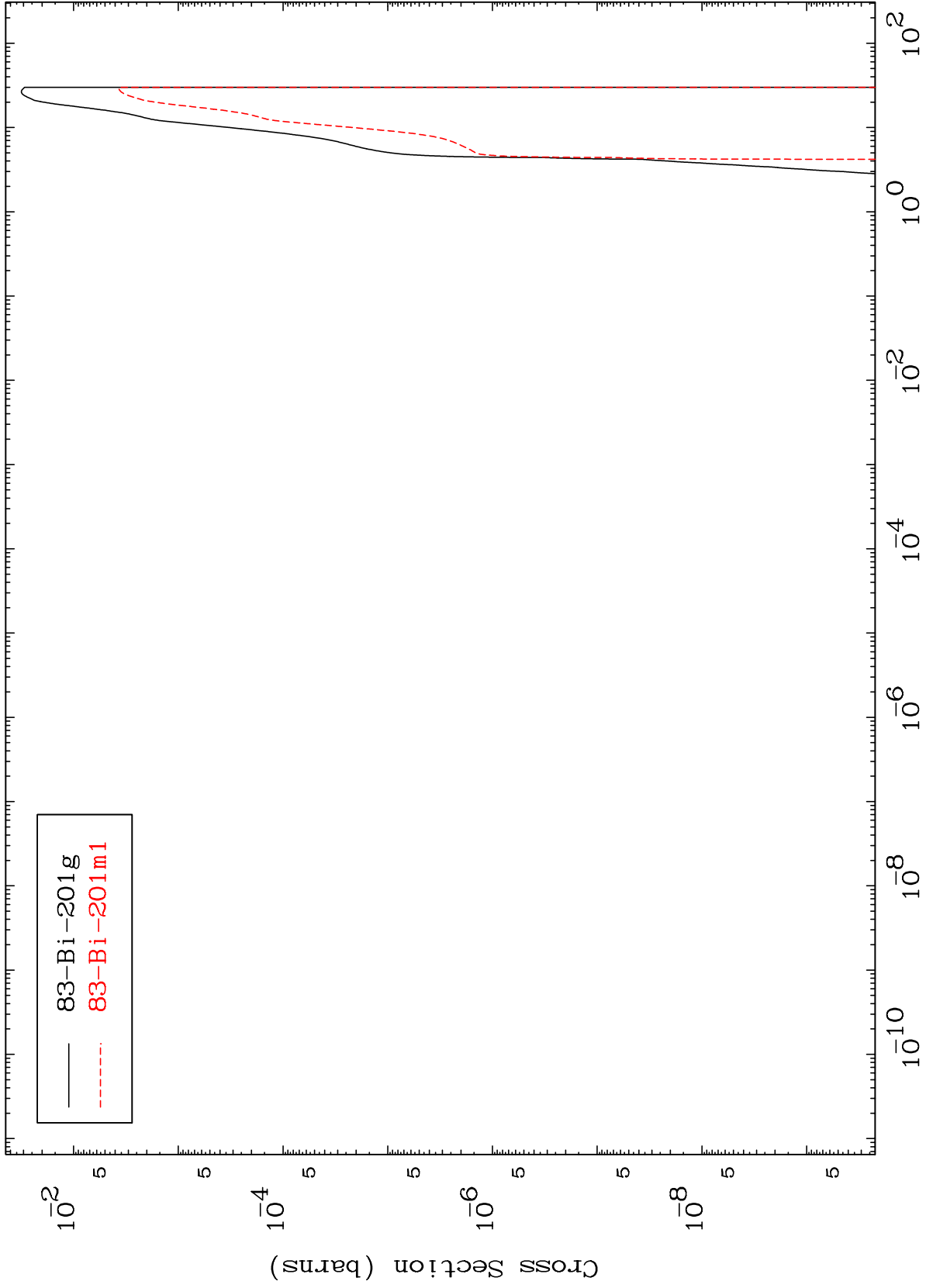
85-At-205

MAT 8531

$(n, n') \alpha$

85-At-205

Radionuclide Production Cross Section



61

Incident Energy (MeV)

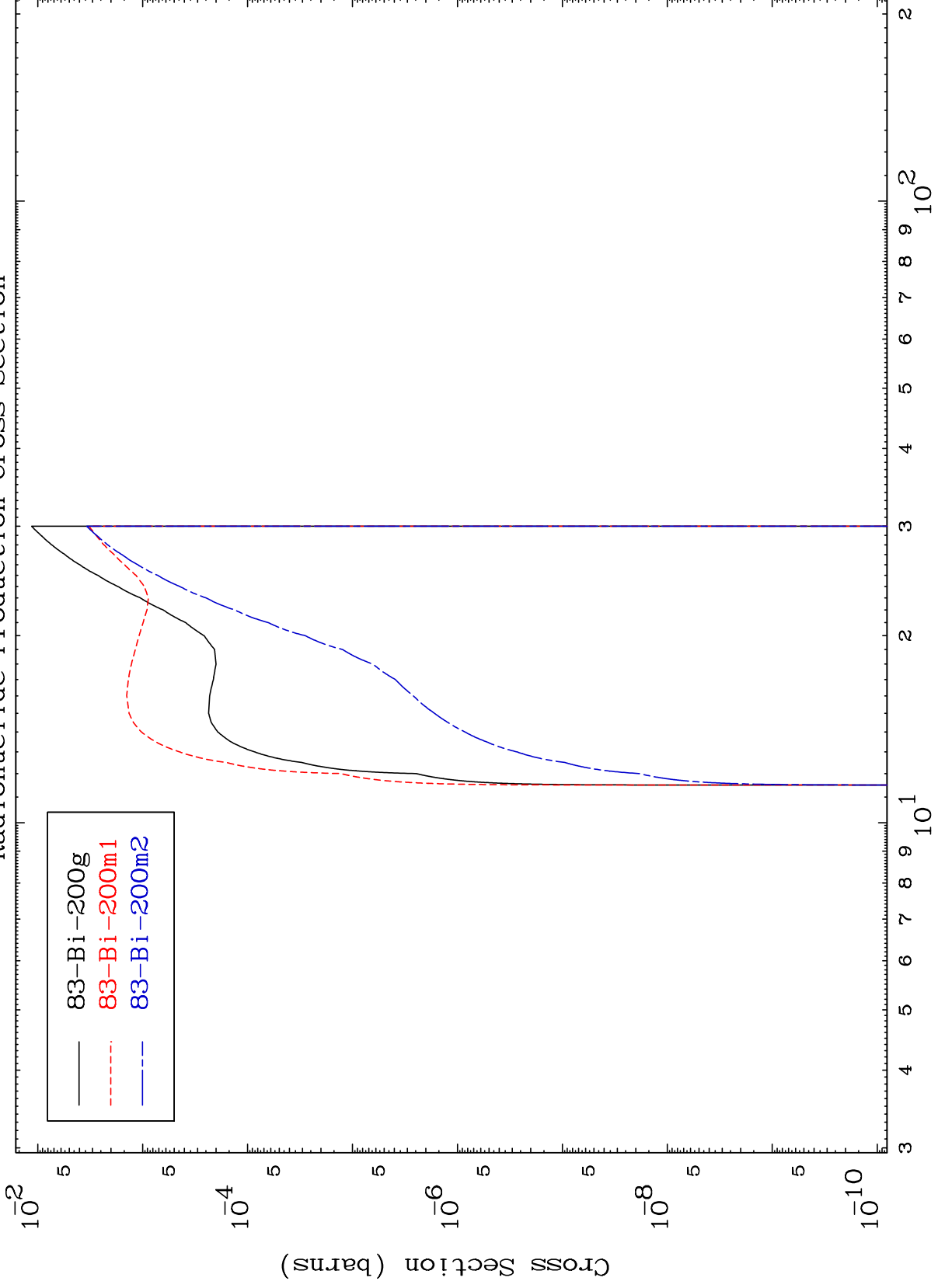
85-At-205

MAT 8531

$(n,2n) \alpha$

85-At-205

Radionuclide Production Cross Section



83-Bi-200g  
83-Bi-200m1  
83-Bi-200m2

62

Incident Energy (MeV)

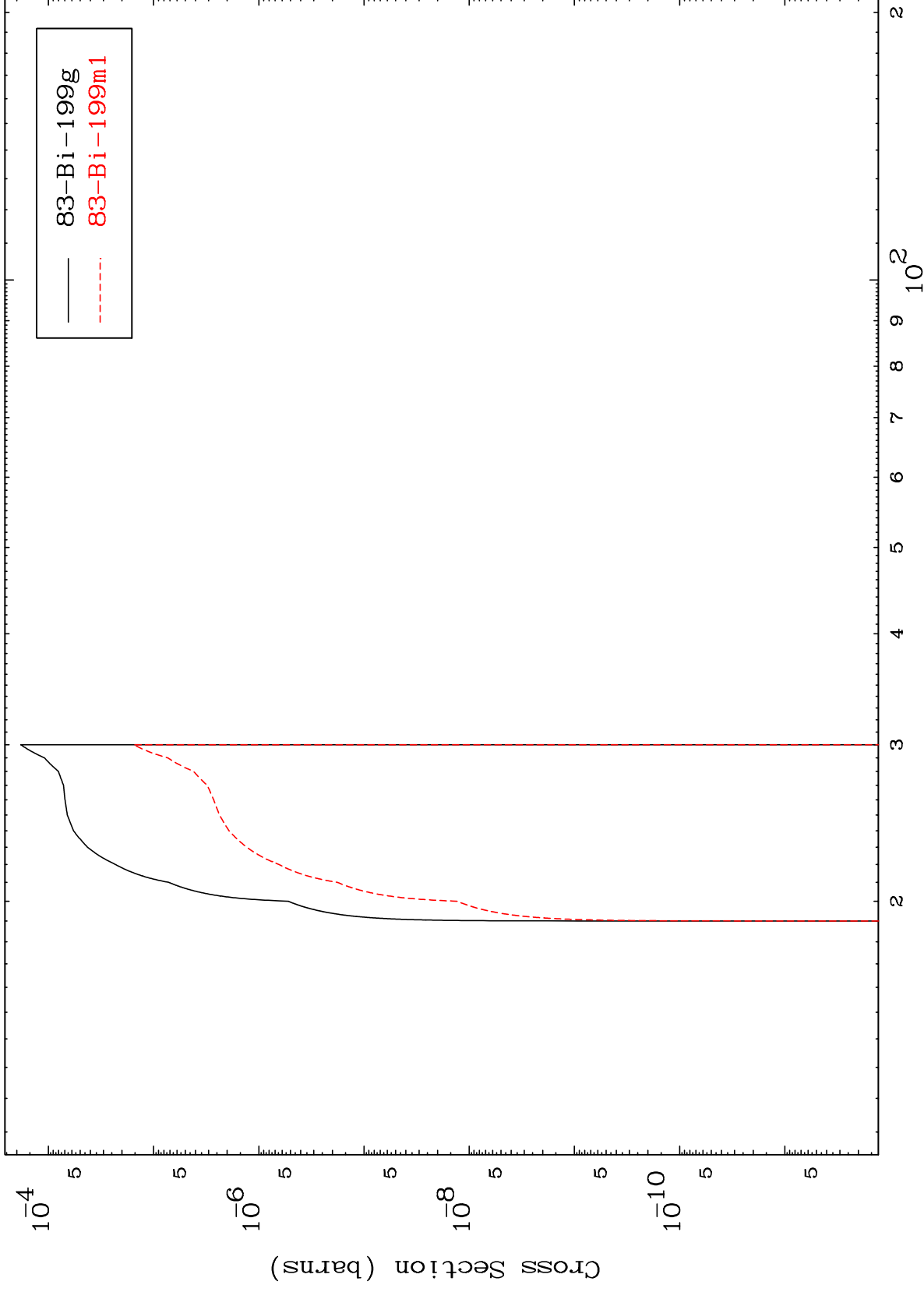
85-At-205

MAT 8531

(n,3n)  $\alpha$

85-At-205

Radionuclide Production Cross Section



63

Incident Energy (MeV)

85-At-205

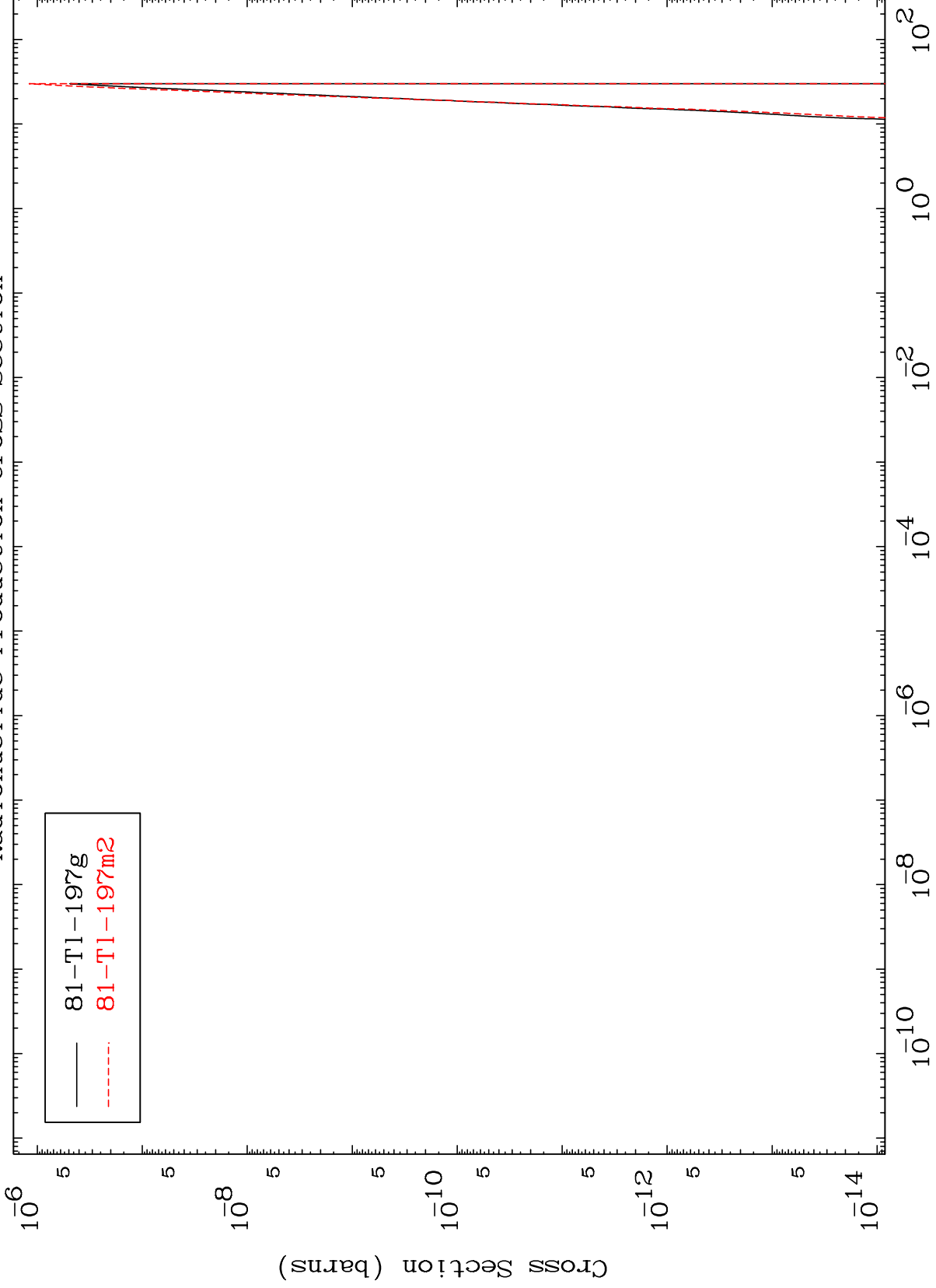


MAT 8531

(n,n') 2α

85-At-205

Radionuclide Production Cross Section



64

Incident Energy (MeV)

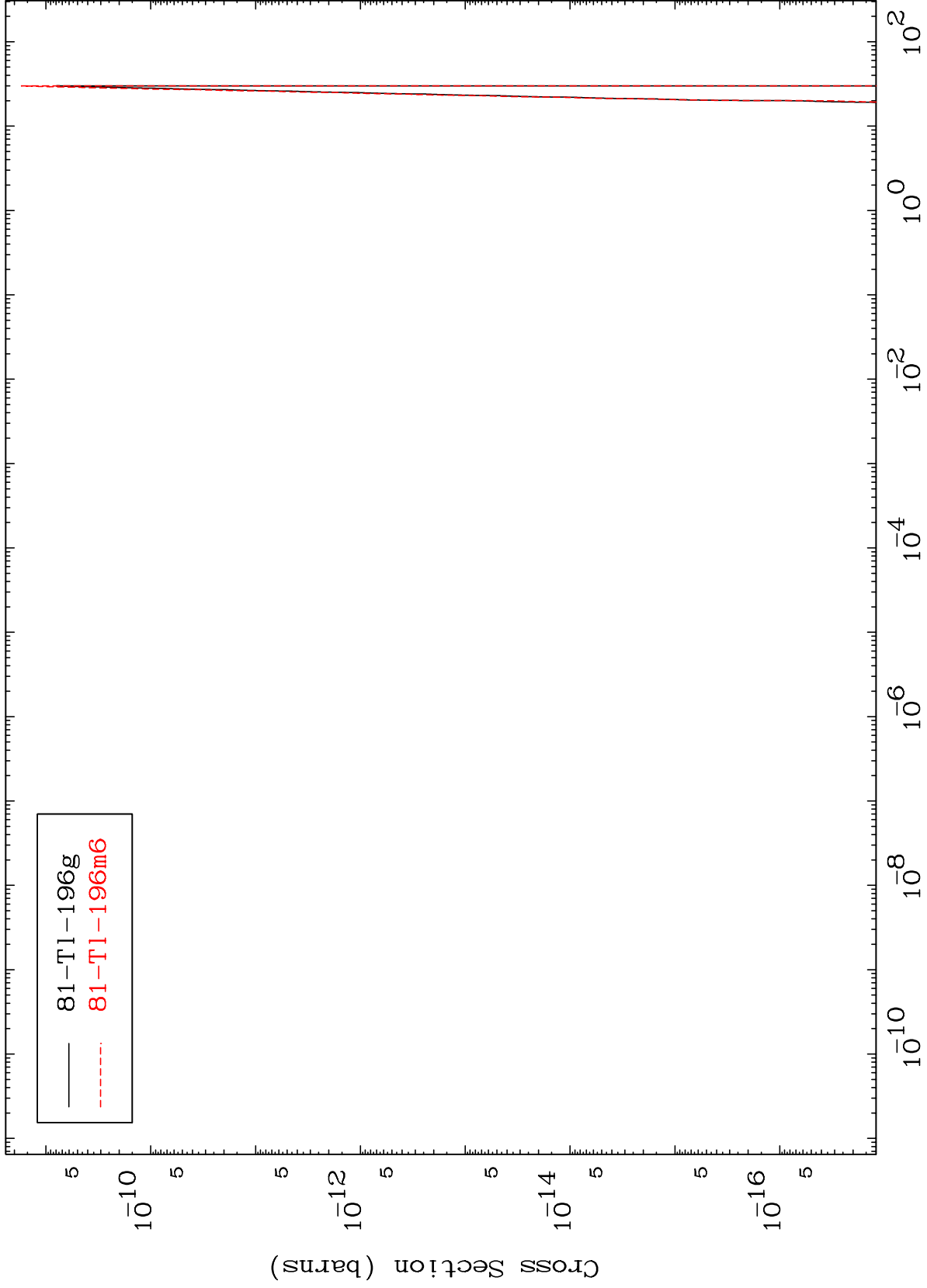
85-At-205

MAT 8531

(n,2n) 2α

85-At-205

Radionuclide Production Cross Section



65

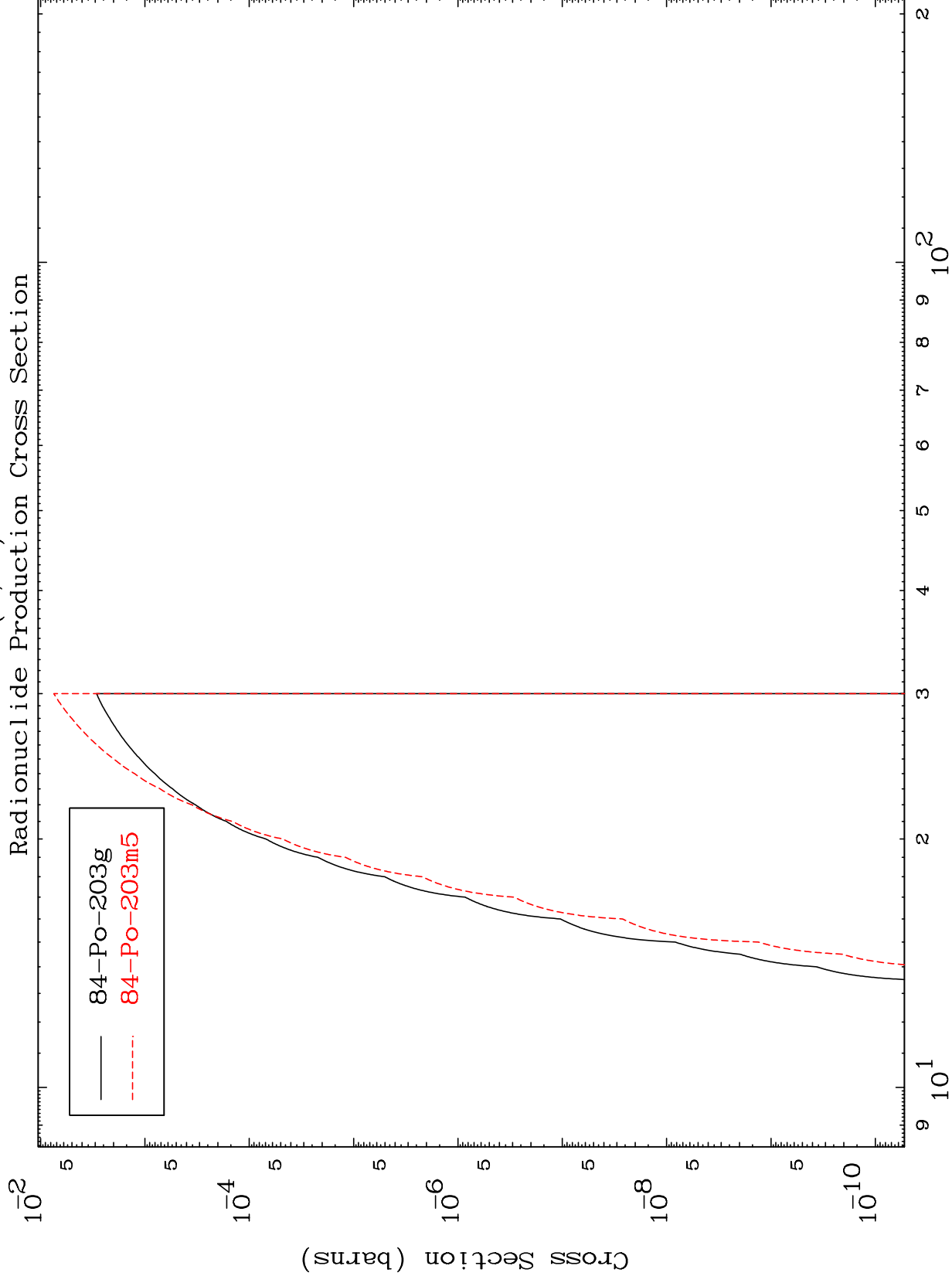
Incident Energy (MeV)

85-At-205

MAT 8531

85-At-205

(n,n') d  
Radionuclide Production Cross Section



66

Incident Energy (MeV)

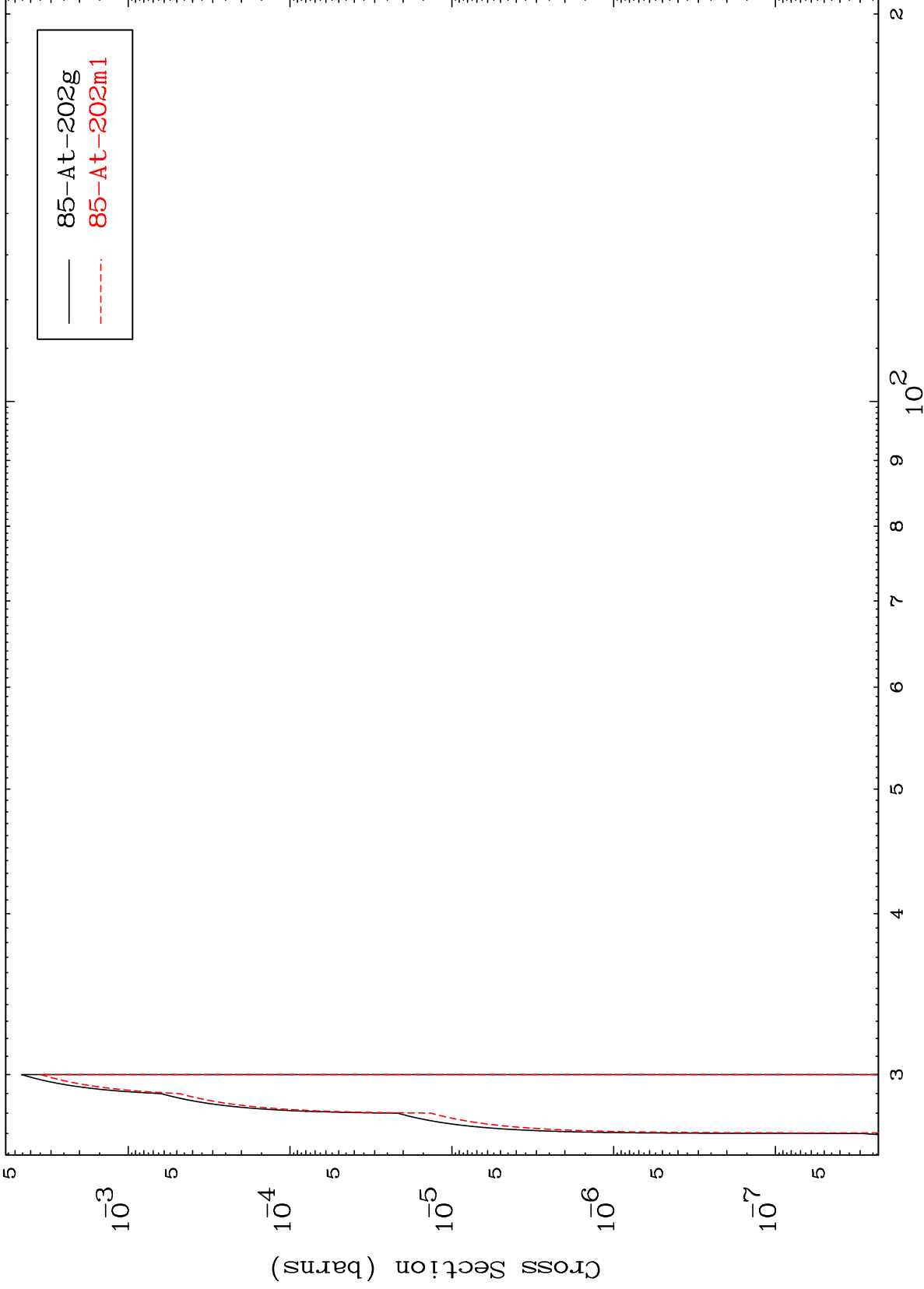
85-At-205

MAT 8531

(n,4n)

85-At-205

Radionuclide Production Cross Section

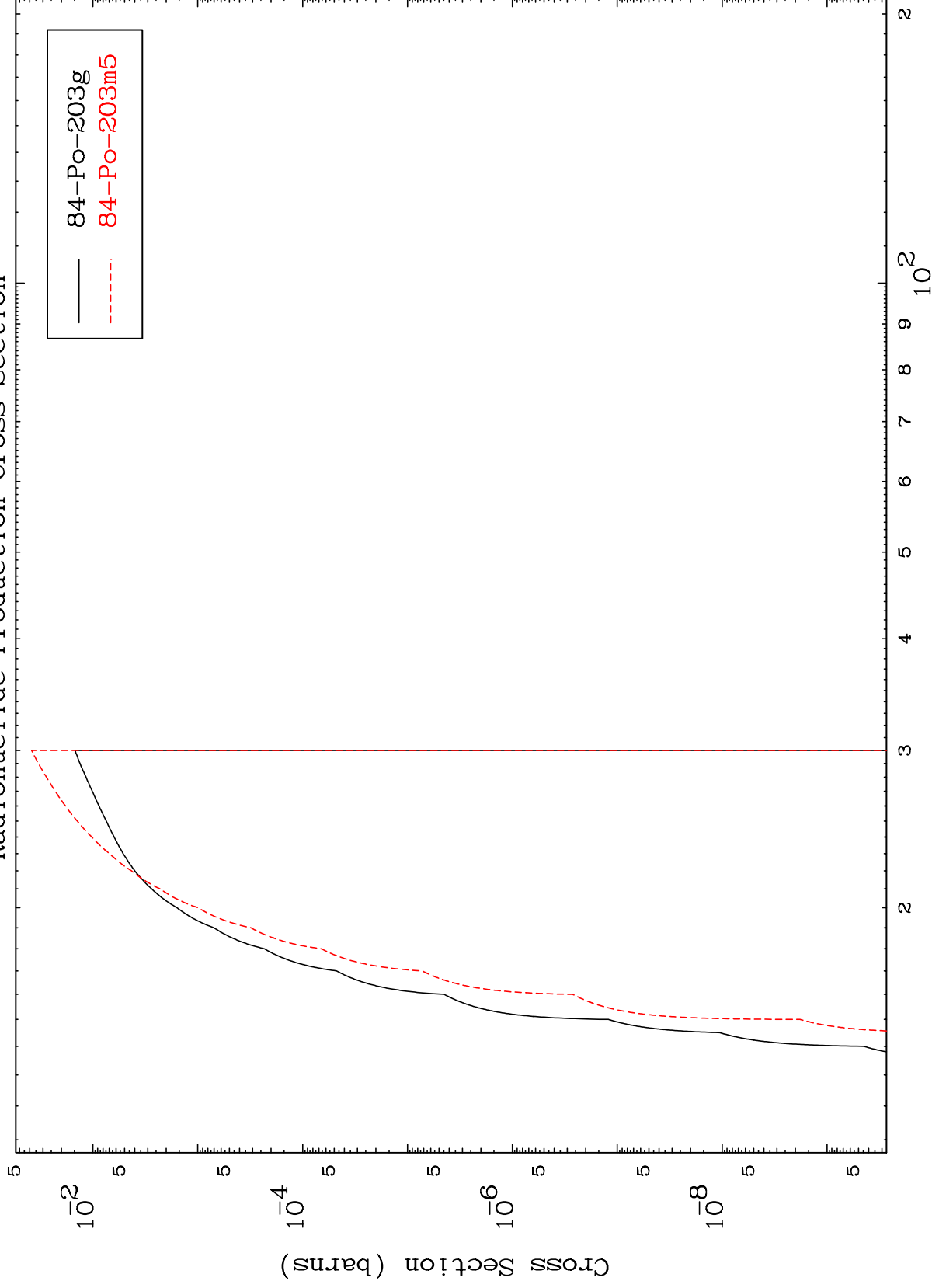


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Incident Energy (MeV)

85-At-205

(n,2n) p  
Radionuclide Production Cross Section

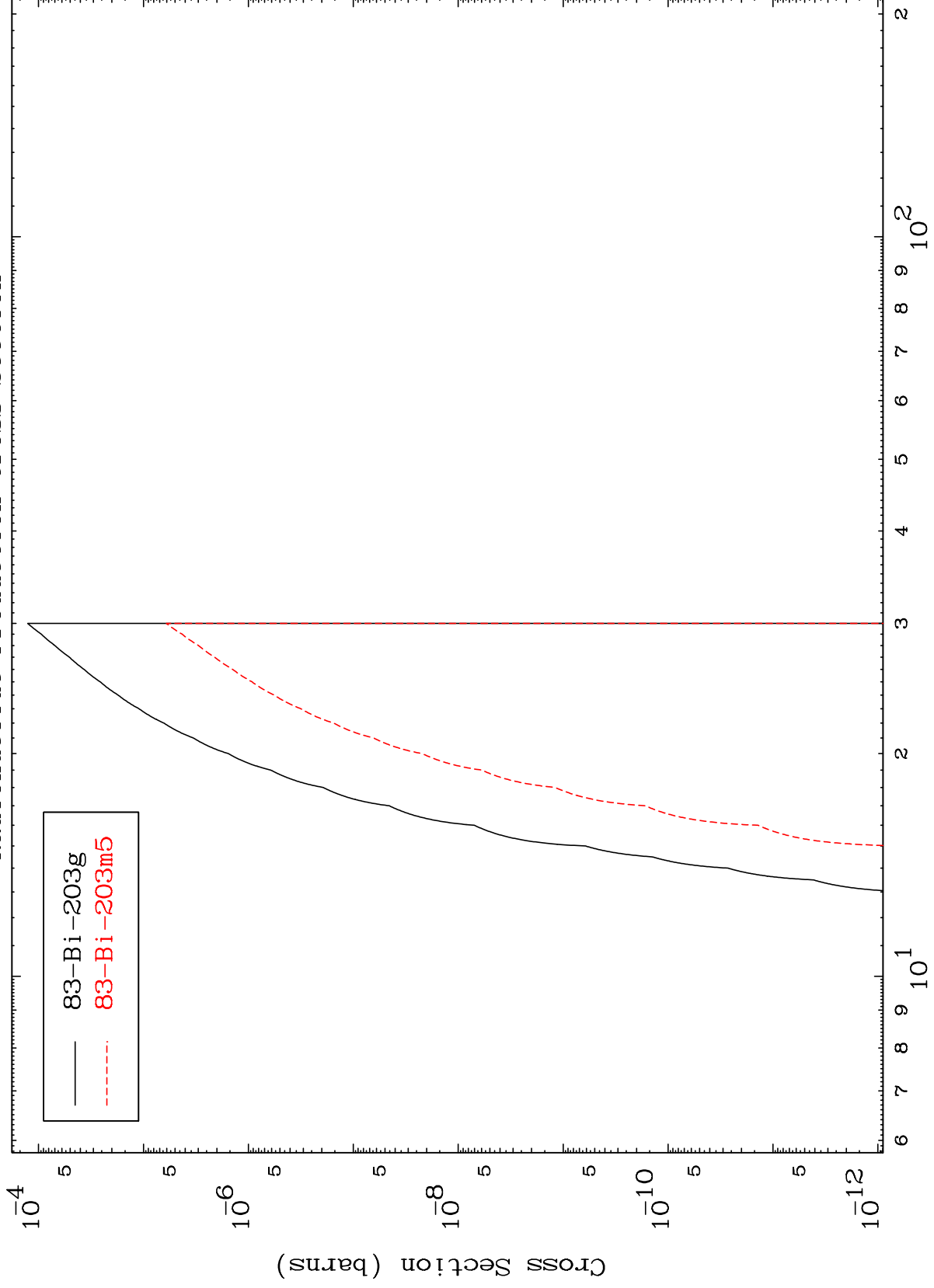


MAT 8531

(n,2n) p

85-At-205

Radionuclide Production Cross Section

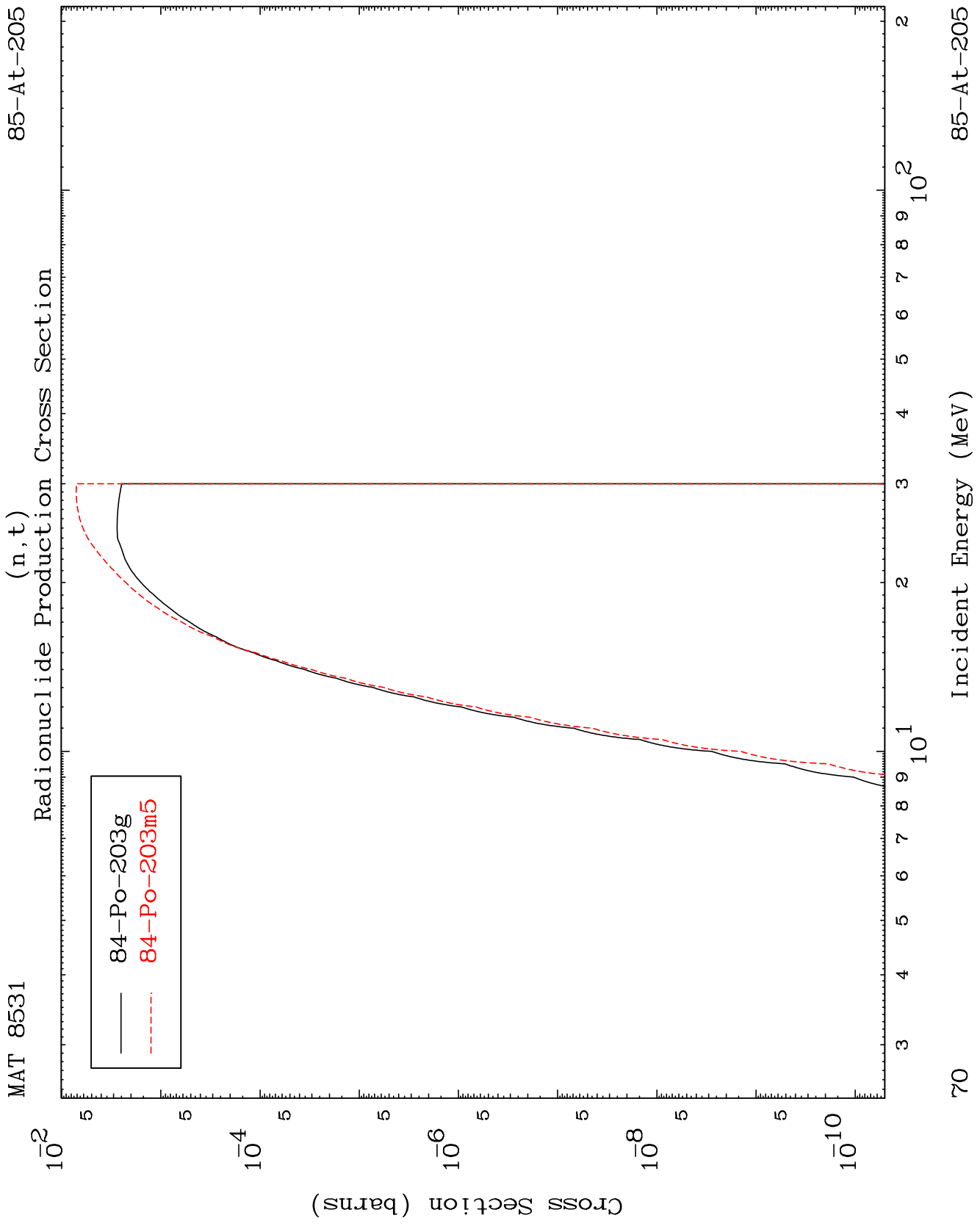


83-Bi-203g  
83-Bi-203m5

69

Incident Energy (MeV)

85-At-205

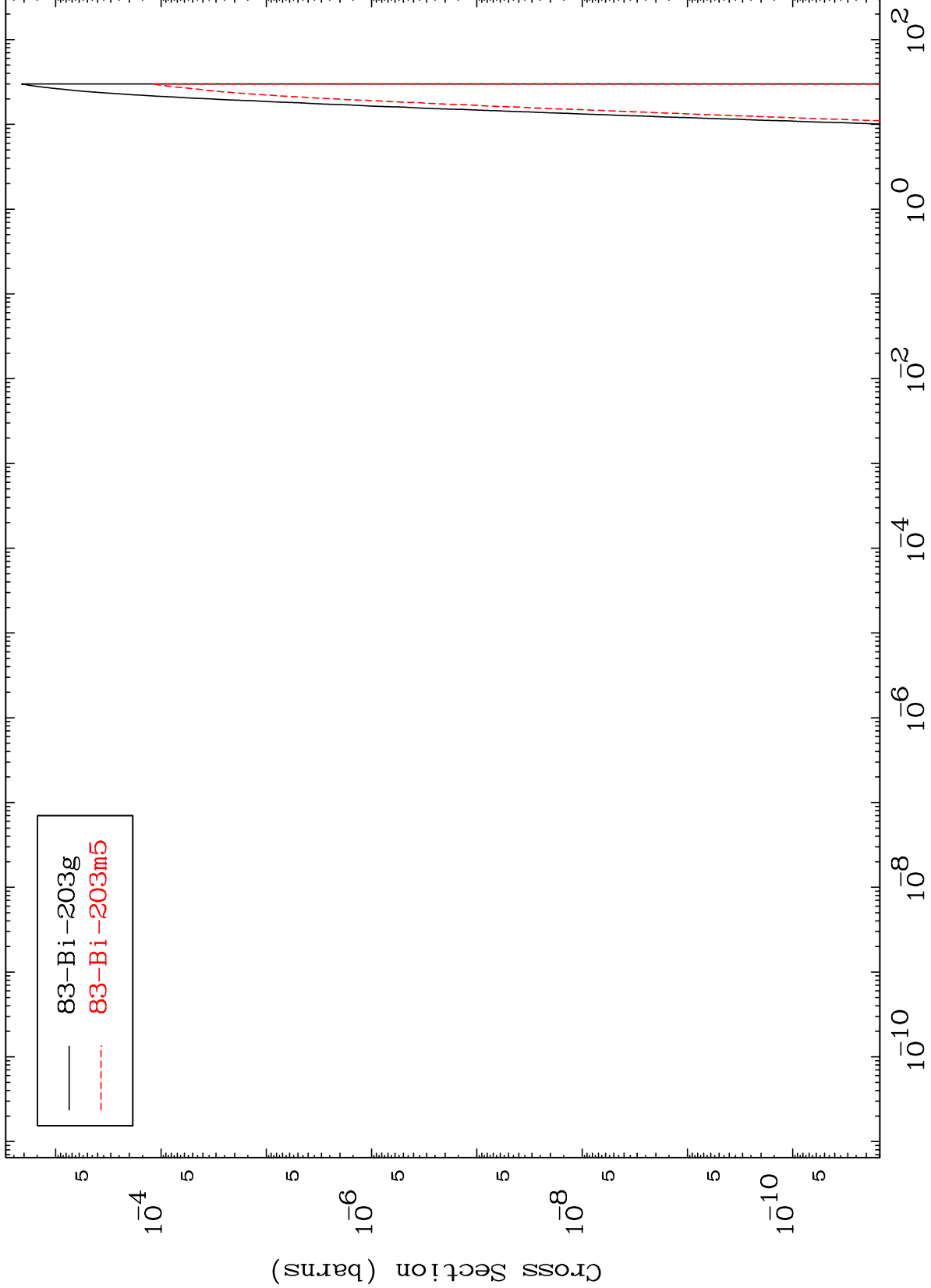
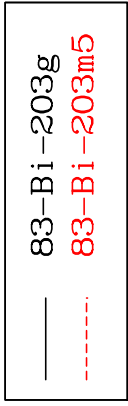


MAT 8531

(n,He-3)

85-At-205

Radionuclide Production Cross Section



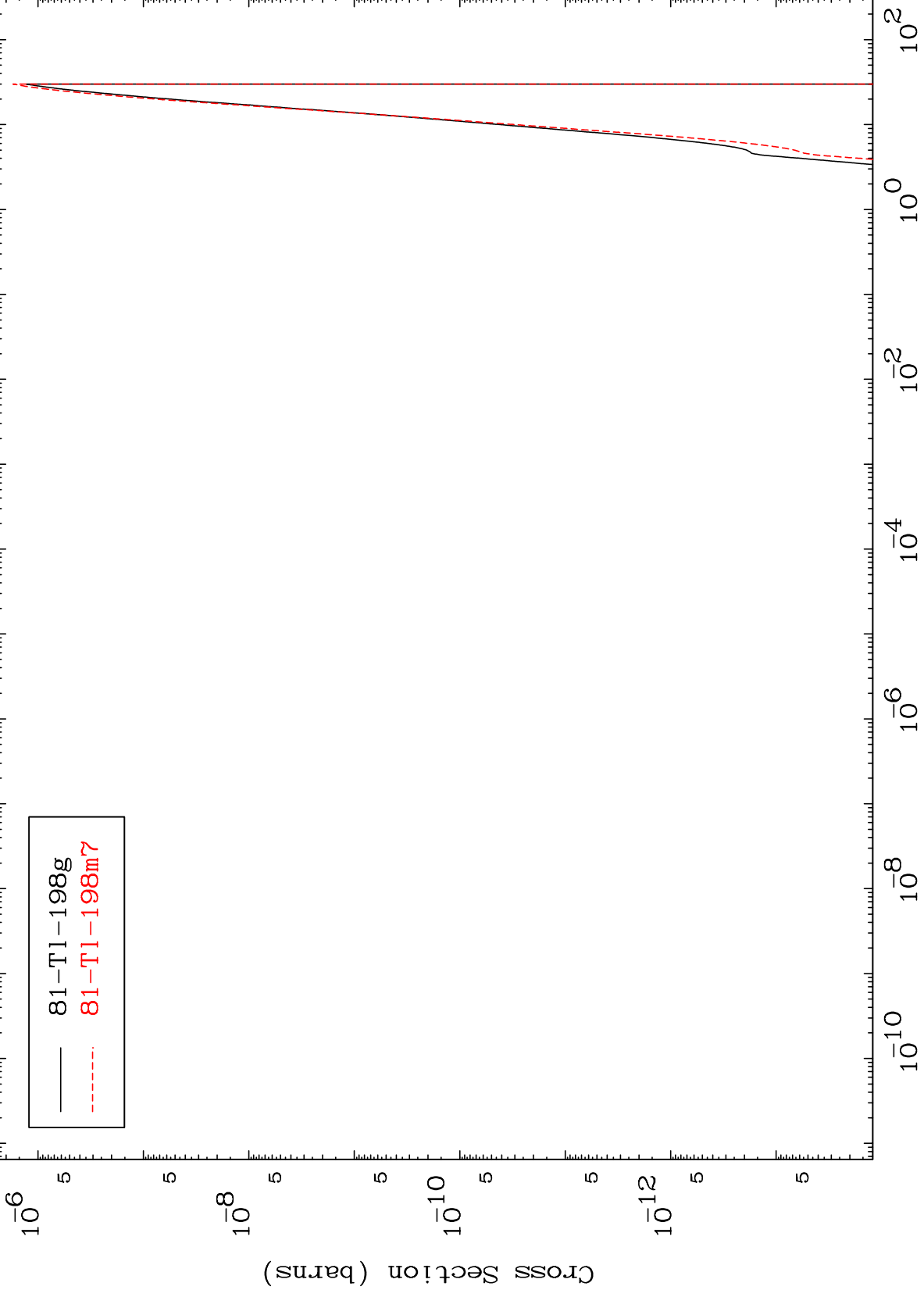


MAT 8531

(n,2α)

85-At-205

Radionuclide Production Cross Section



72

Incident Energy (MeV)

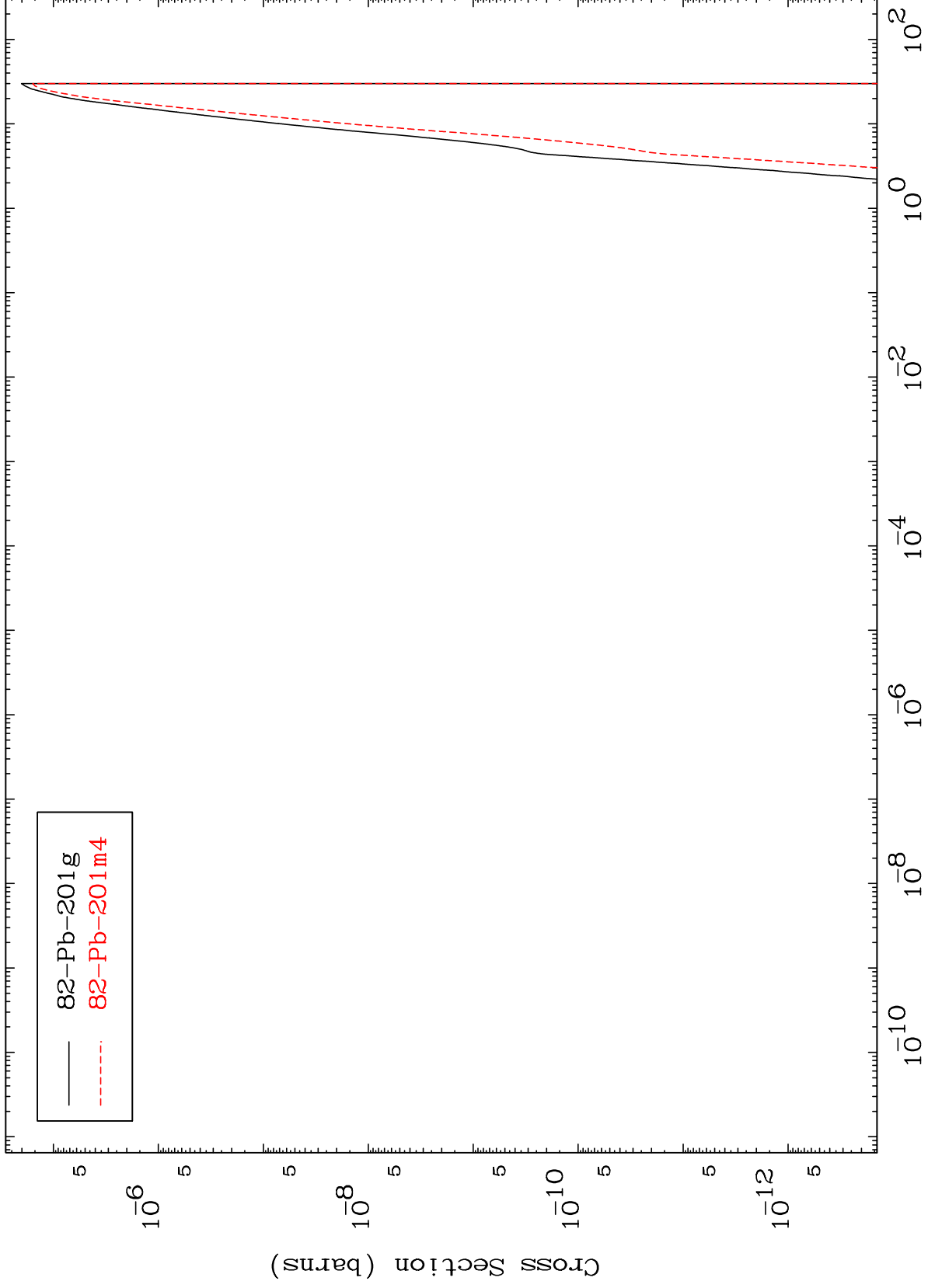
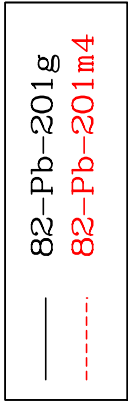
85-At-205

MAT 8531

(n,p)  $\alpha$

85-At-205

Radionuclide Production Cross Section



73

Incident Energy (MeV)

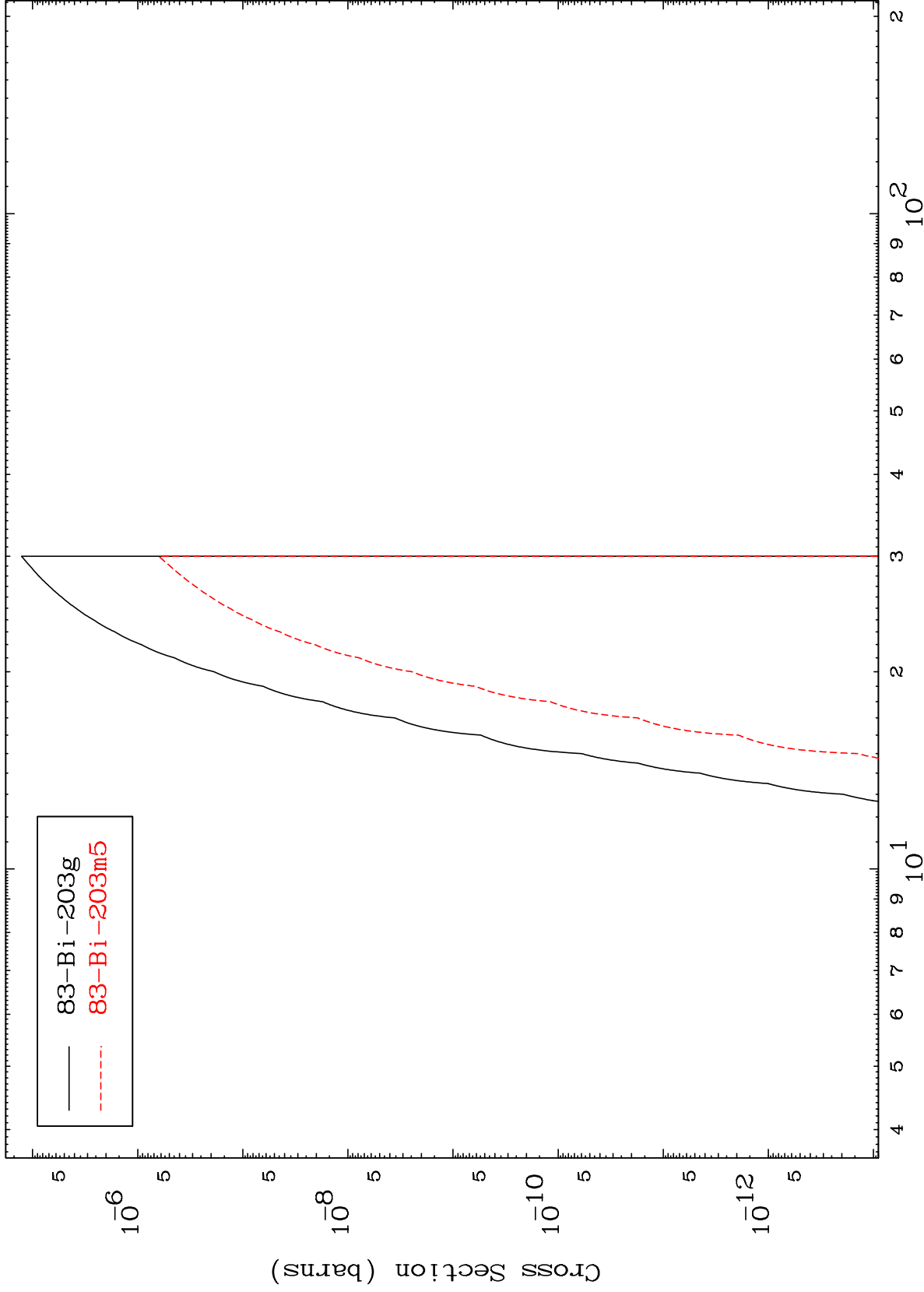
85-At-205

MAT 8531

(n,p) d

85-At-205

Radionuclide Production Cross Section



74

Incident Energy (MeV)

85-At-205