

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

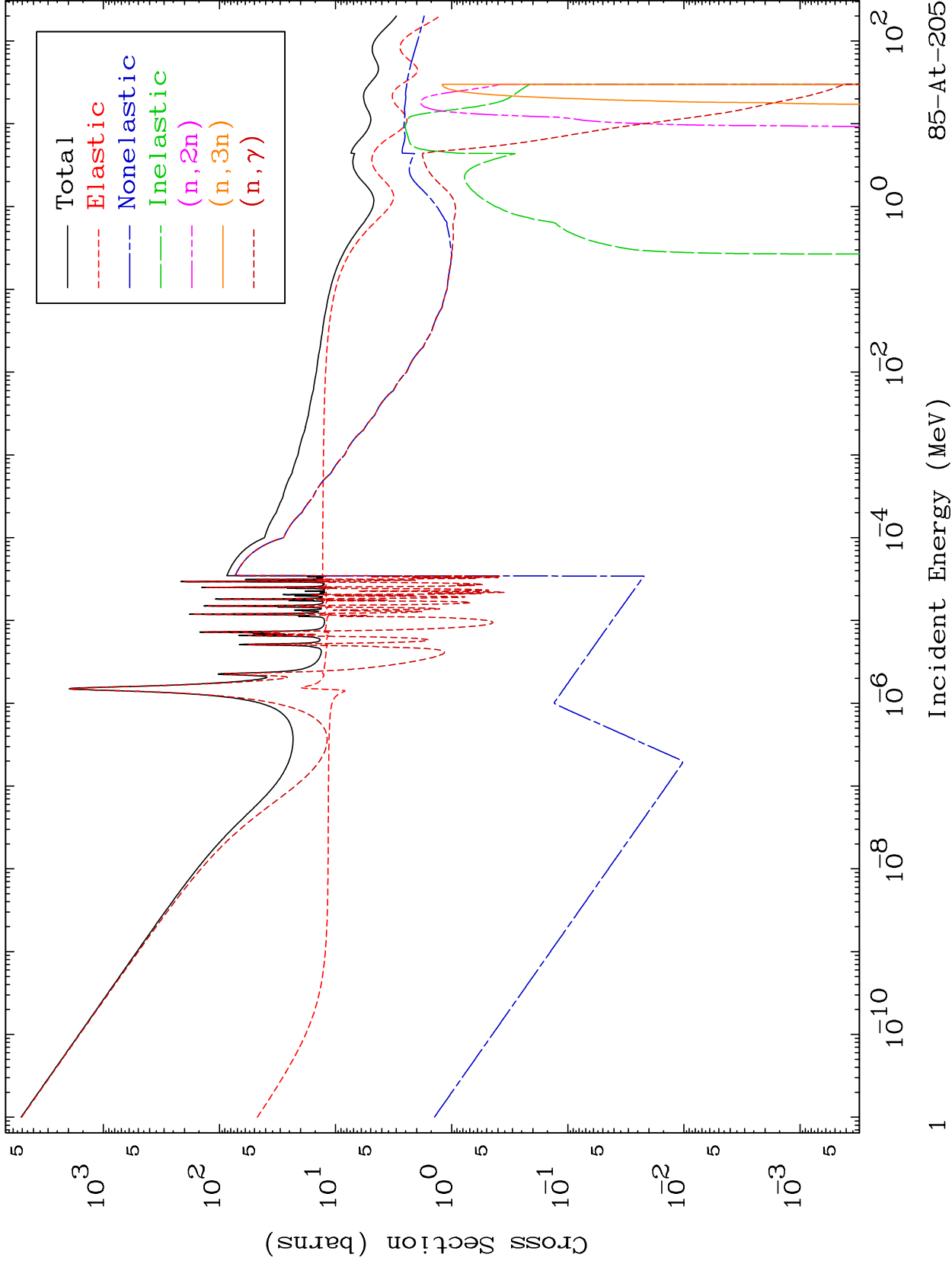
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Press Mouse Button to Start

MAT 8531

Neutron Major
293 Kelvin Cross Sections

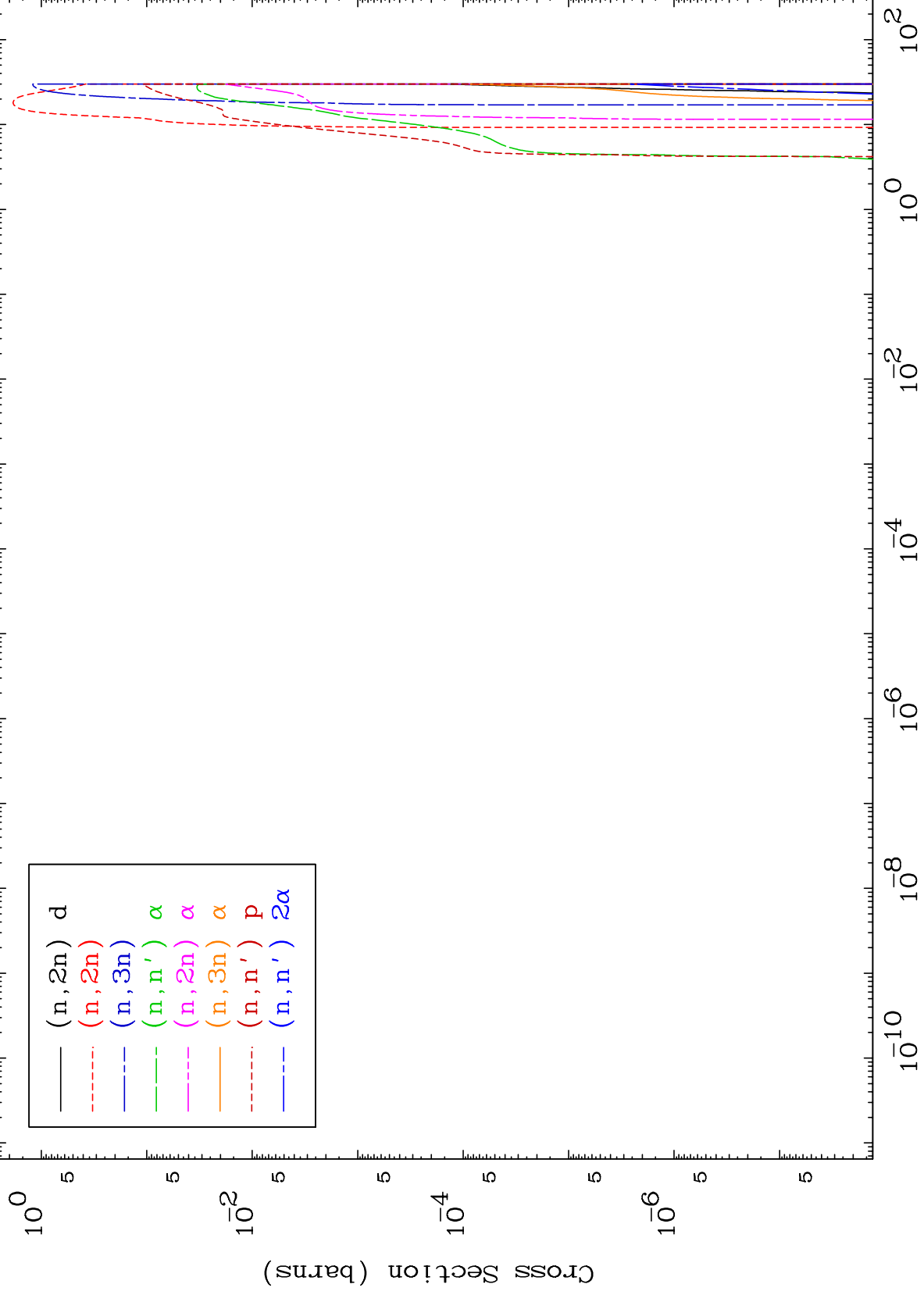
85-At-205



MAT 8531

Neutron Absorption
293 Kelvin Cross Sections

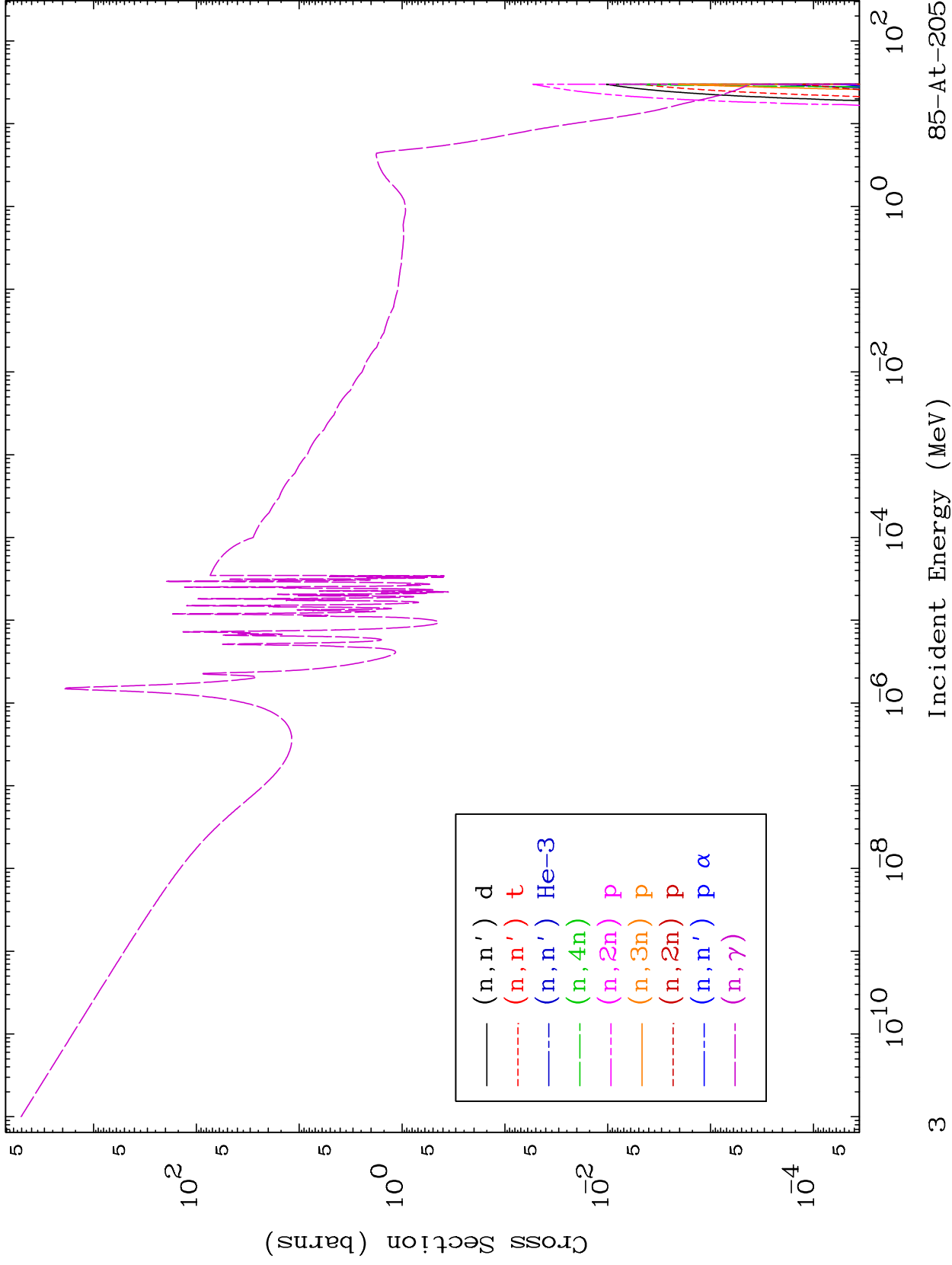
85-At-205



MAT 8531

Neutron Absorption
293 Kelvin Cross Sections

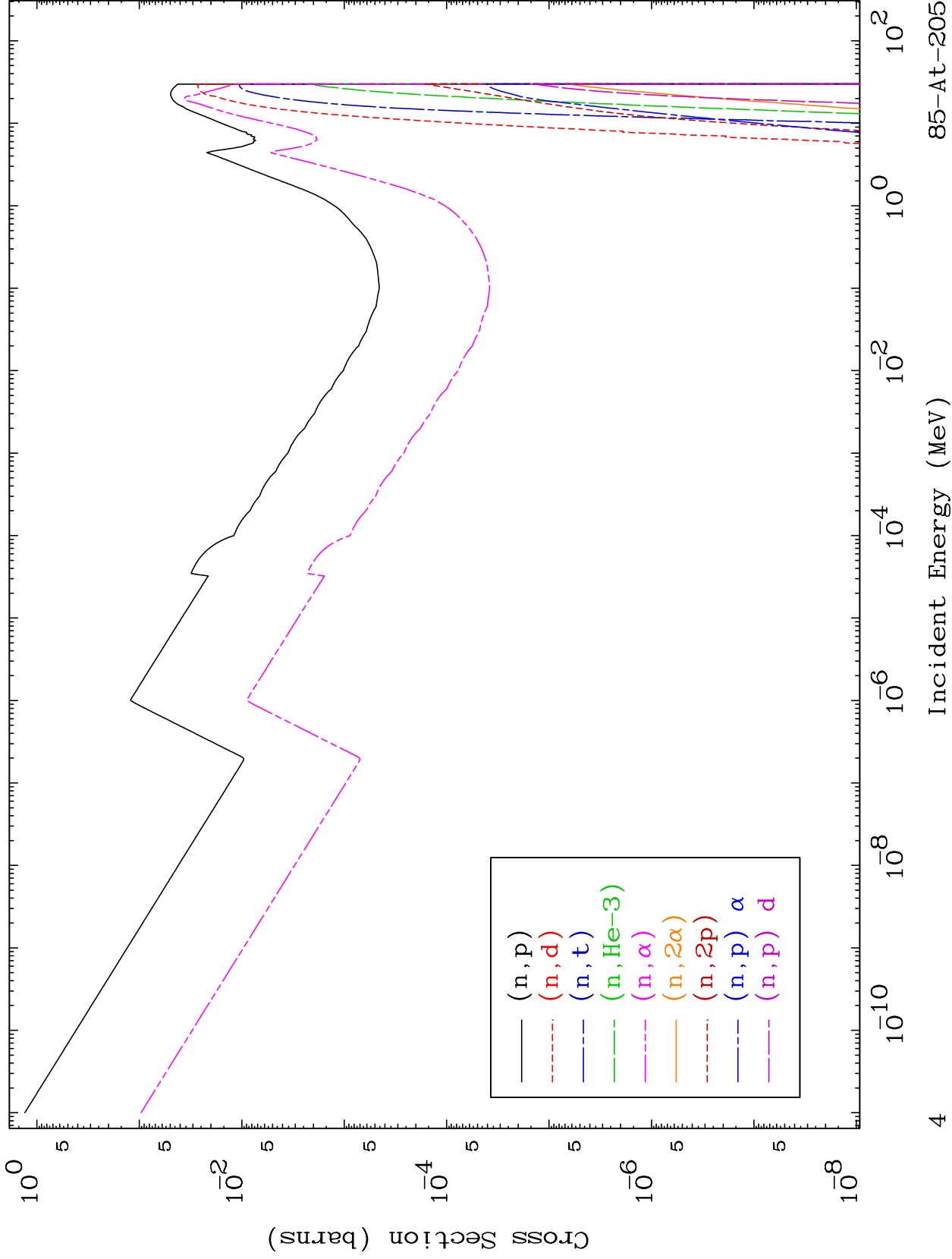
85-At-205



MAT 8531

Neutron Absorption
293 Kelvin Cross Sections

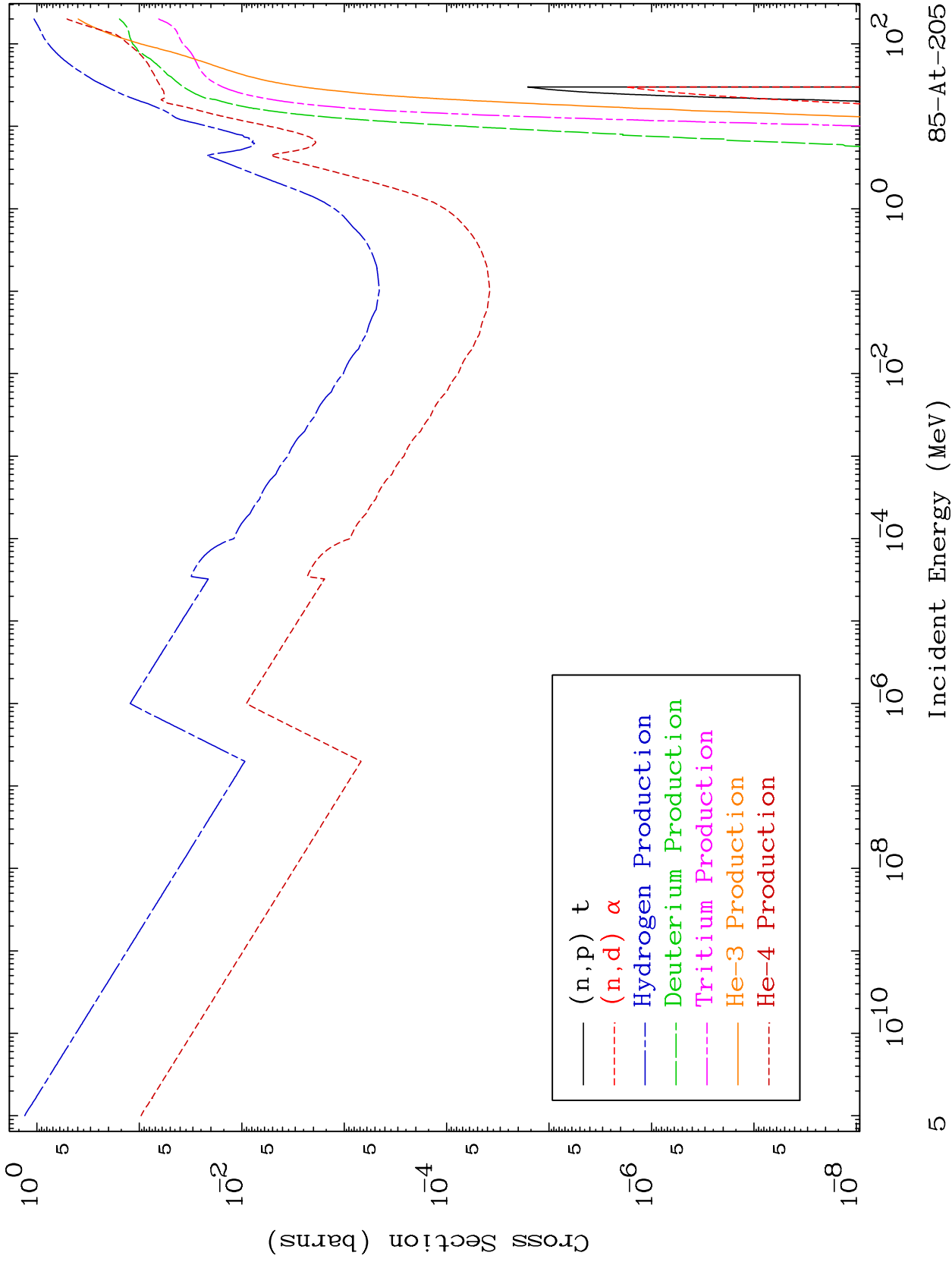
85-At-205



MAT 8531

Neutron Absorption
293 Kelvin Cross Sections

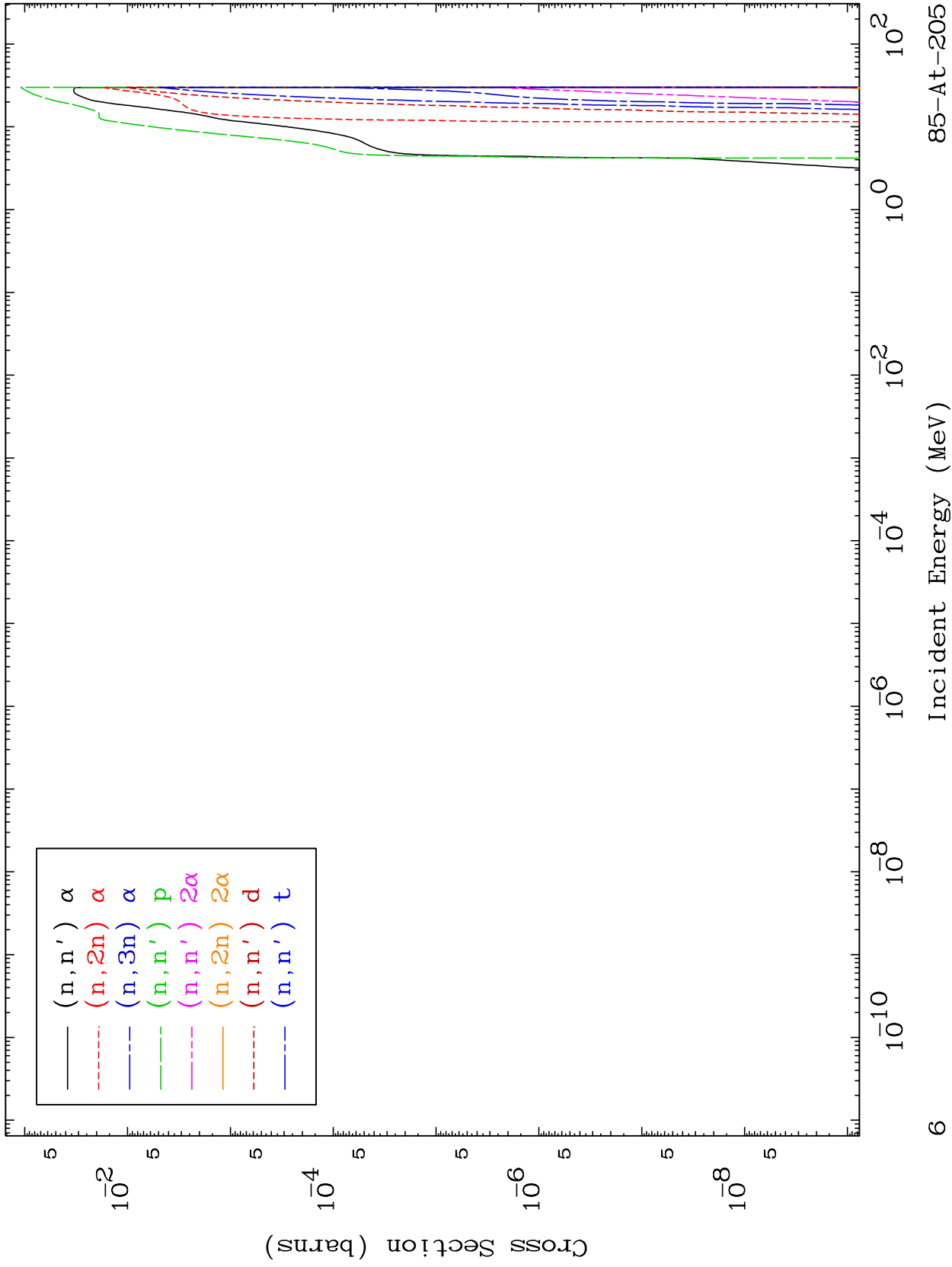
85-At-205



MAT 8531

Charged Particle
293 Kelvin Cross Sections

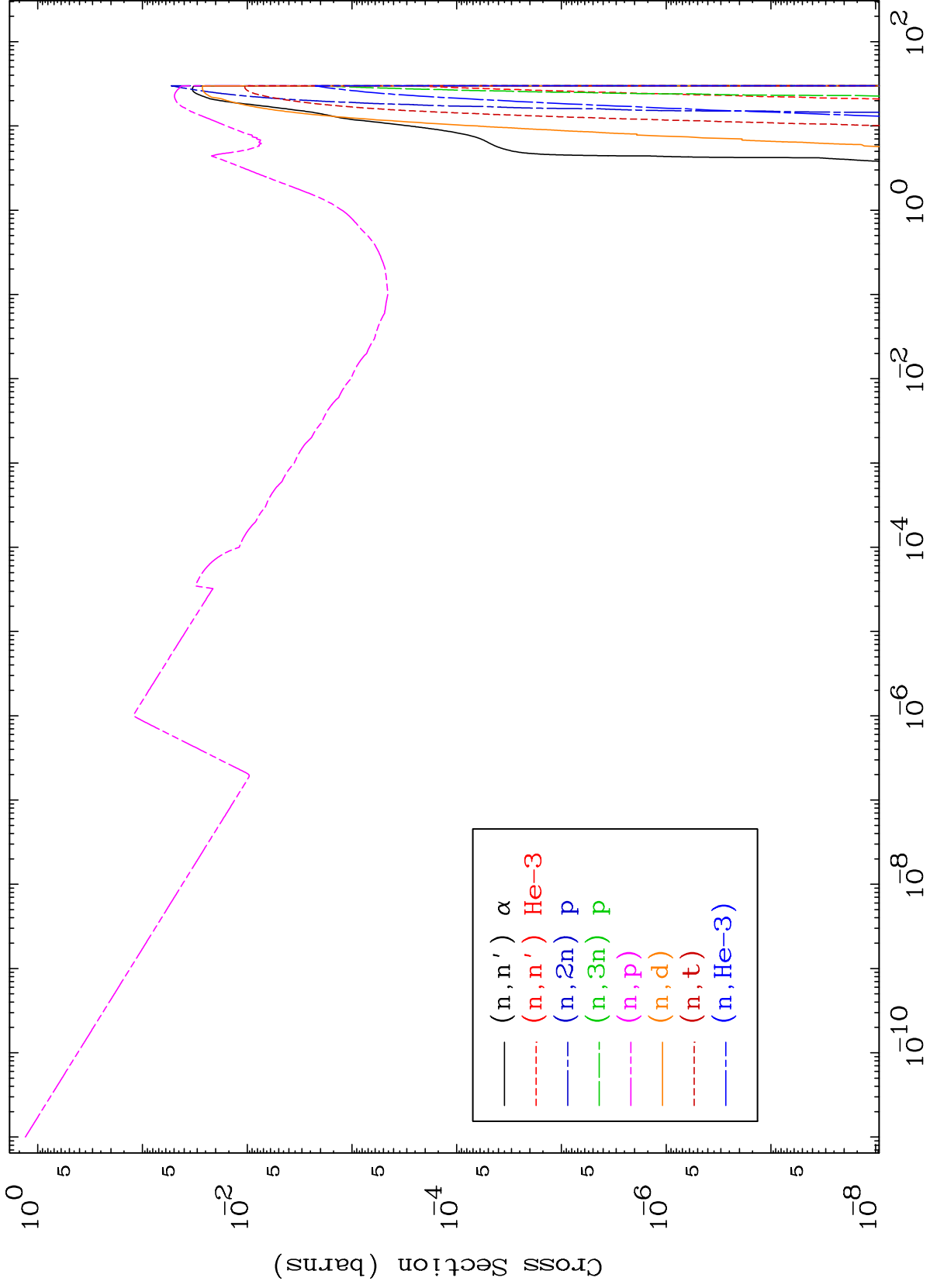
85-At-205



MAT 8531

Charged Particle
293 Kelvin Cross Sections

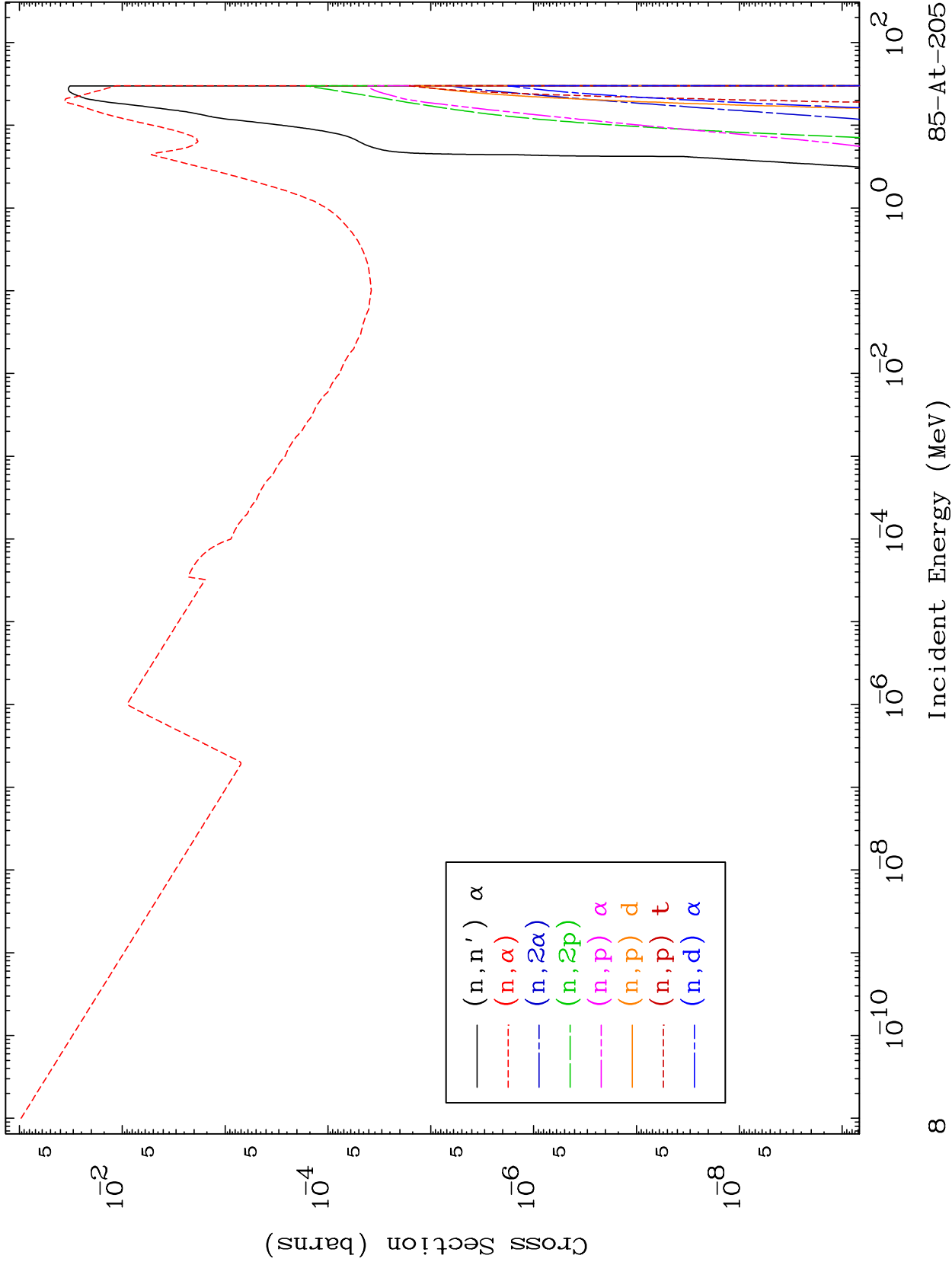
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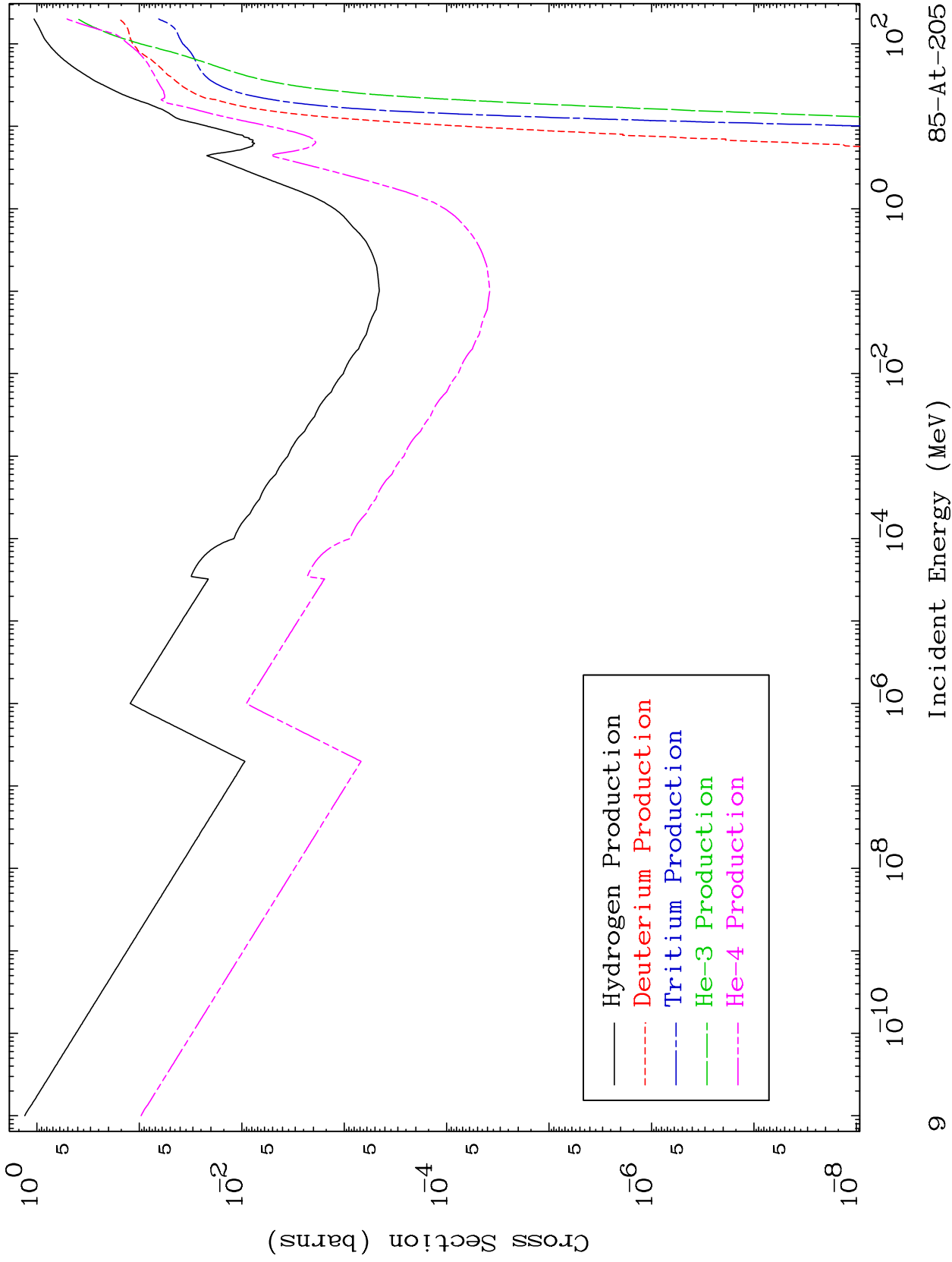


MAT 8531

Charged Particle
293 Kelvin Cross Sections

85-At-205

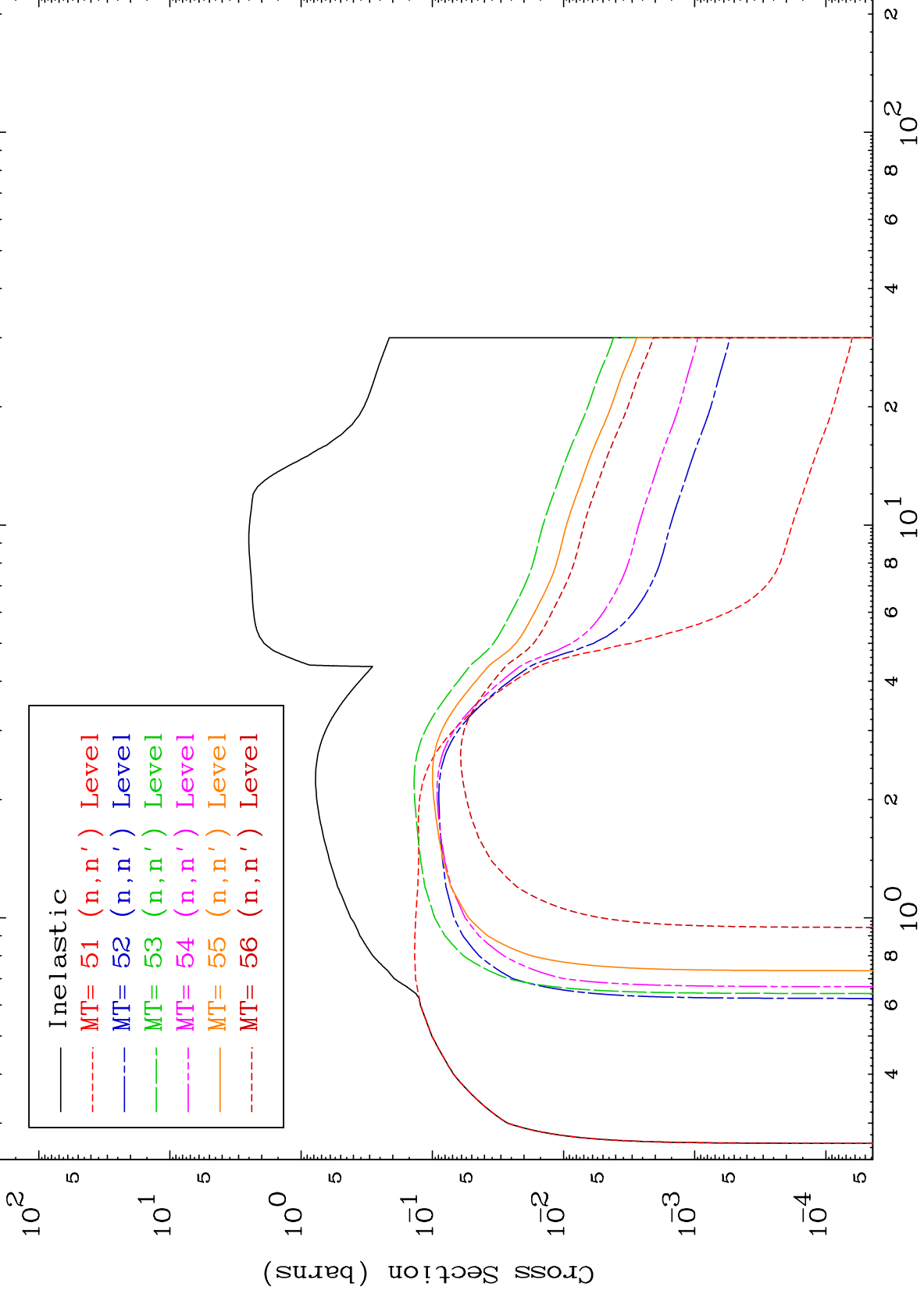




MAT 8531

(n,n') Levels
293 Kelvin Cross Sections

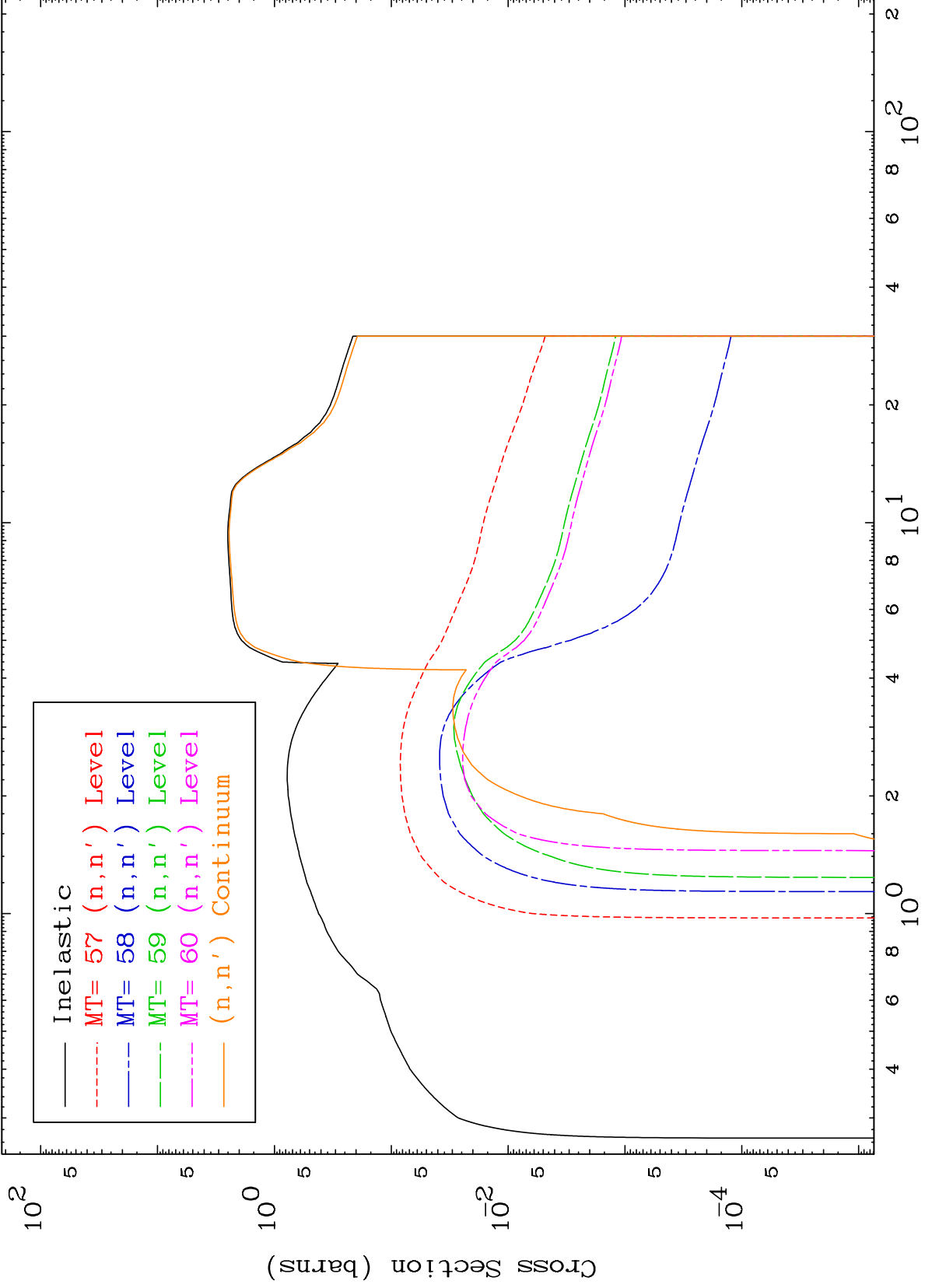
85-At-205



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Incident Energy (MeV)

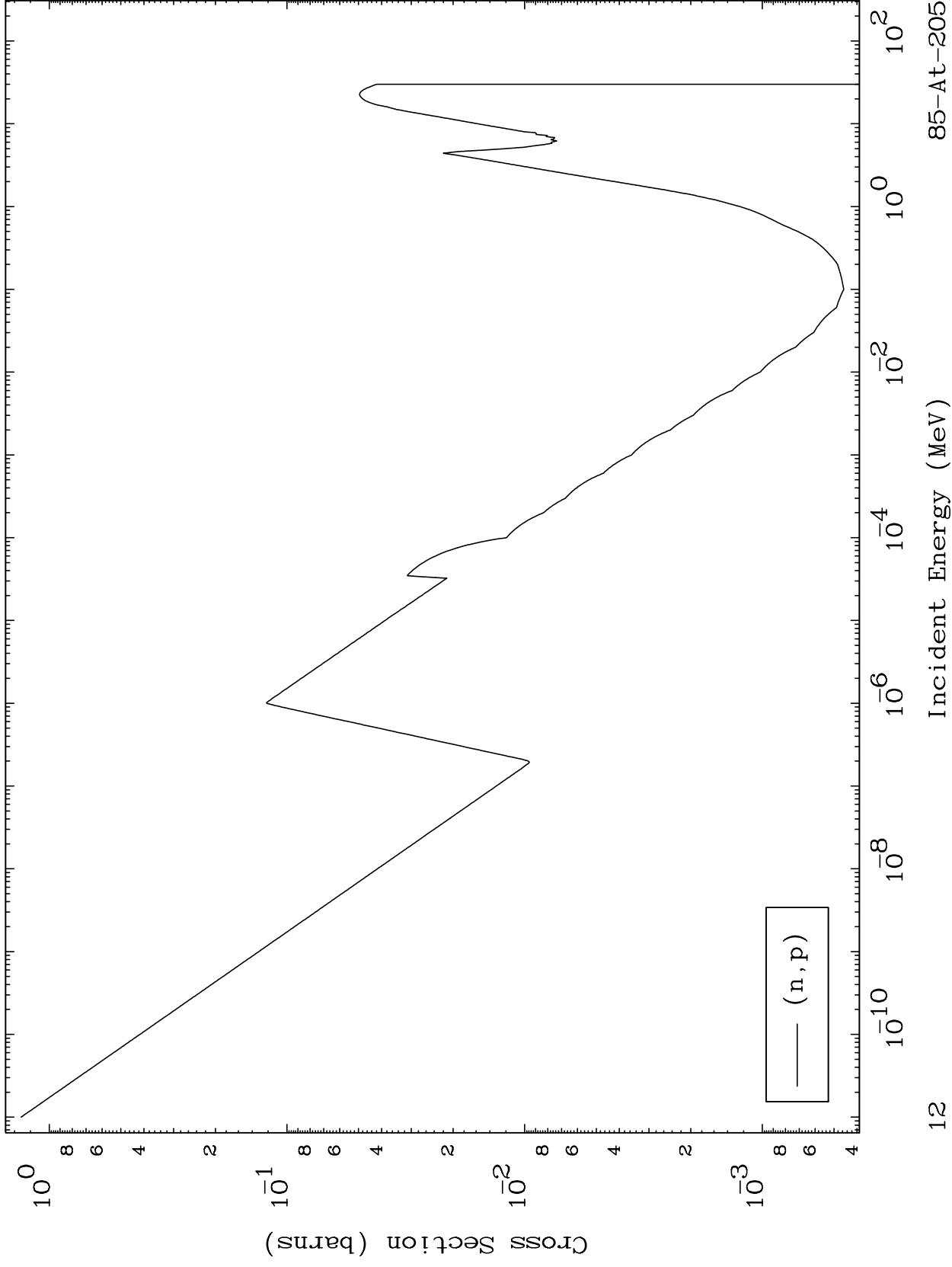
85-At-205



MAT 8531

(n,p) Levels
293 Kelvin Cross Sections

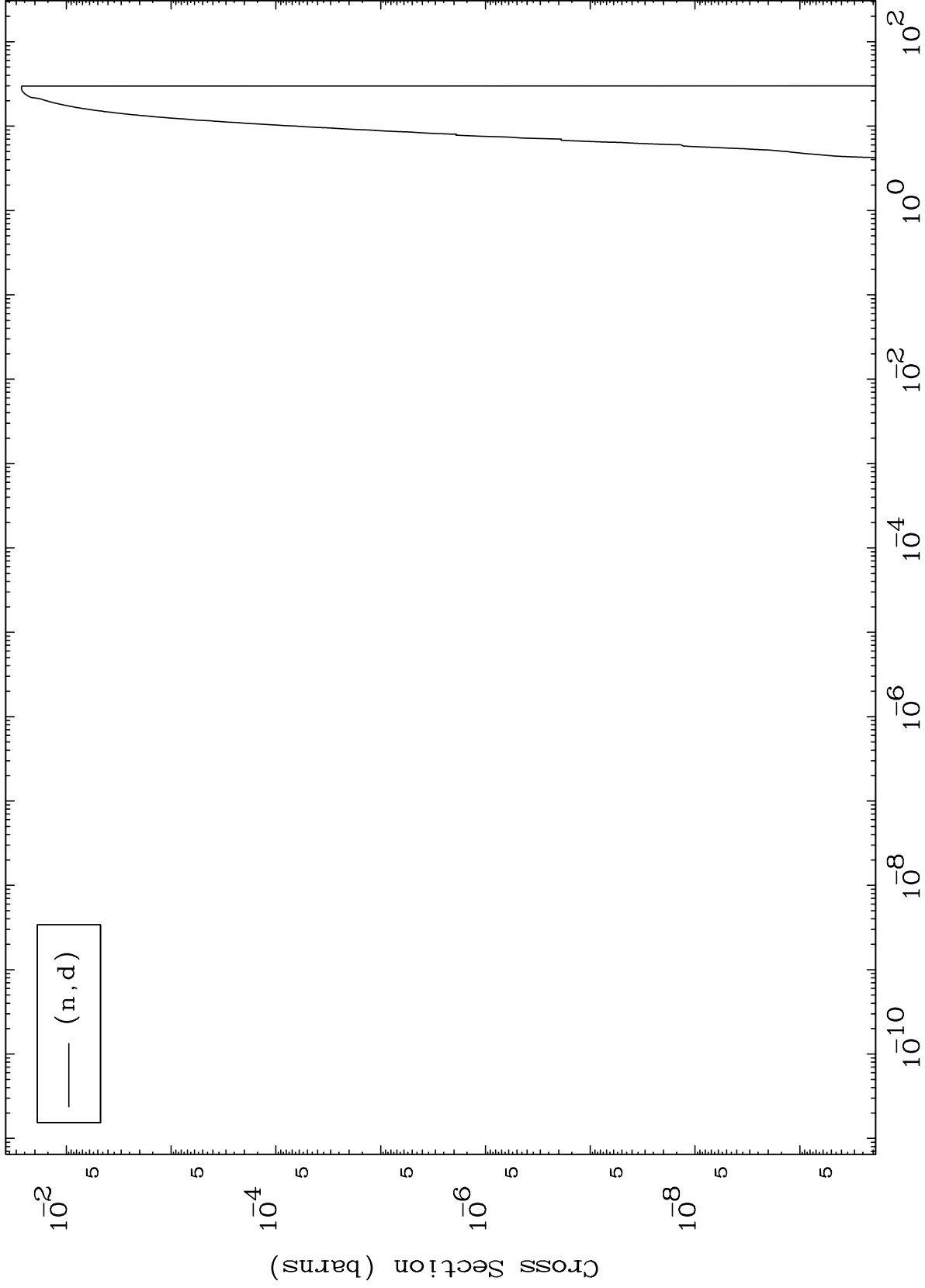
85-At-205



MAT 8531

(n,d) Levels
293 Kelvin Cross Sections

85-At-205



13

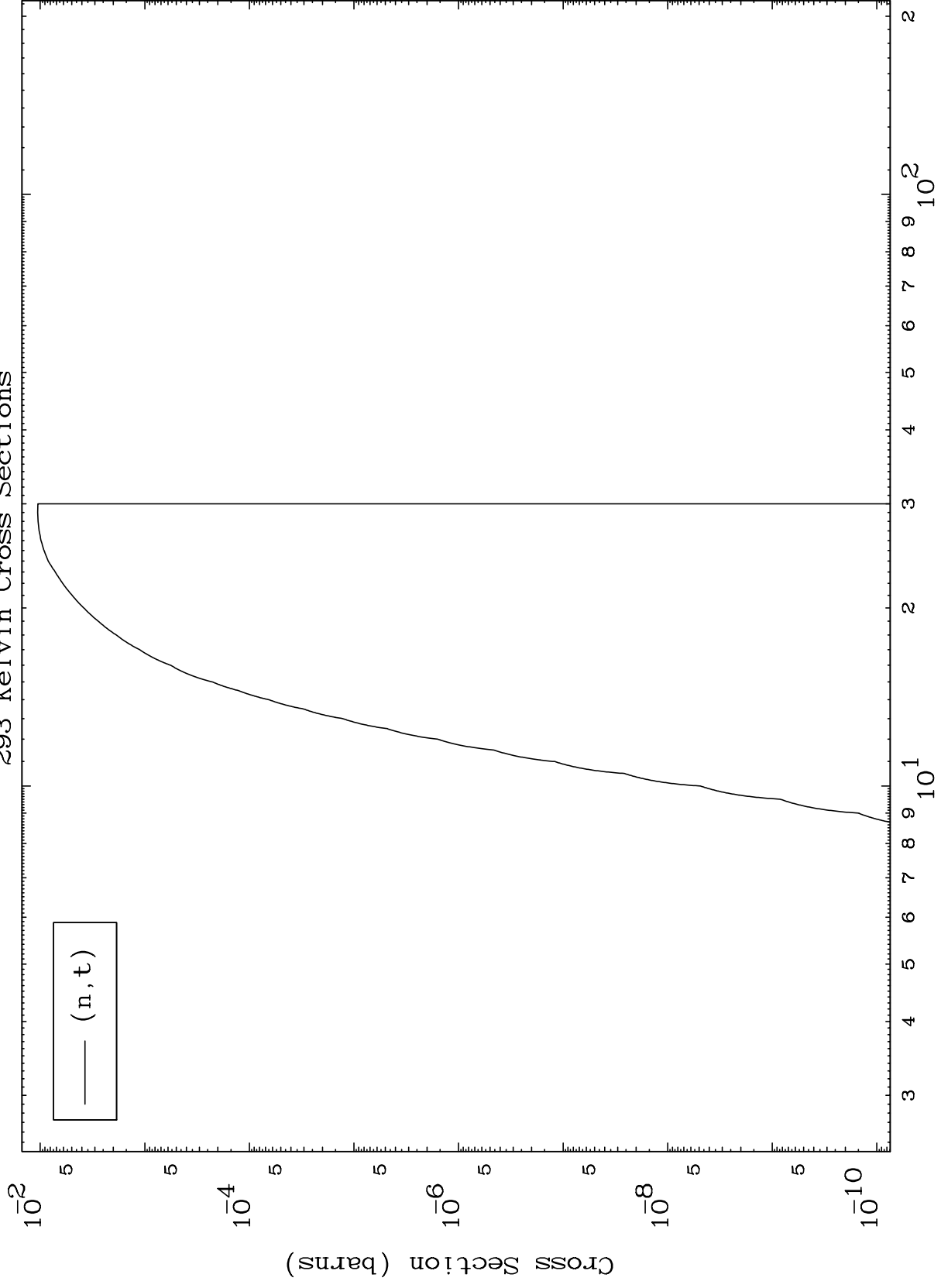
Incident Energy (MeV)

85-At-205

MAT 8531

(n,t) Levels
293 Kelvin Cross Sections

85-At-205



14

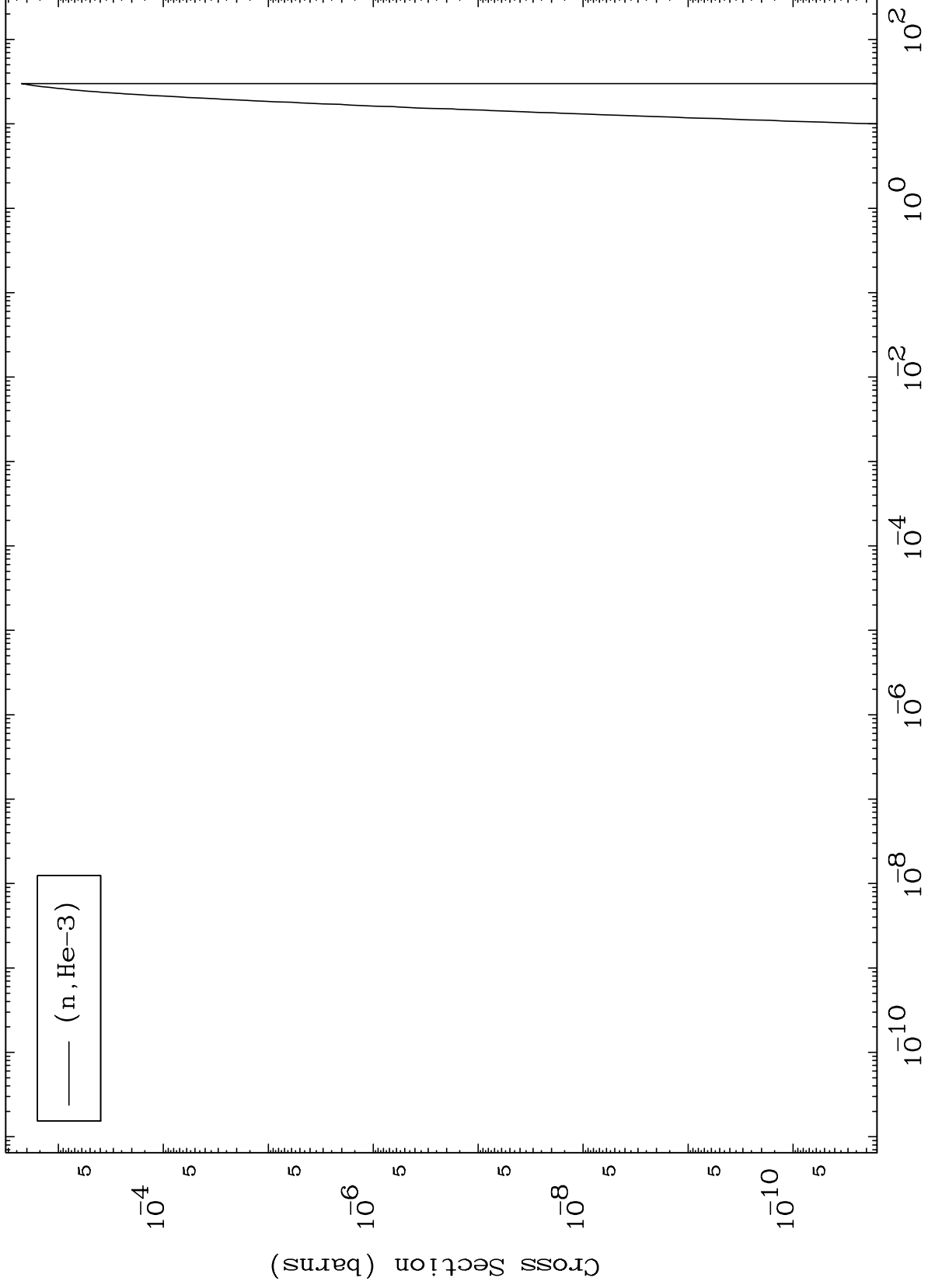
Incident Energy (MeV)

85-At-205

MAT 8531

(n,He3) Levels
293 Kelvin Cross Sections

85-At-205



15

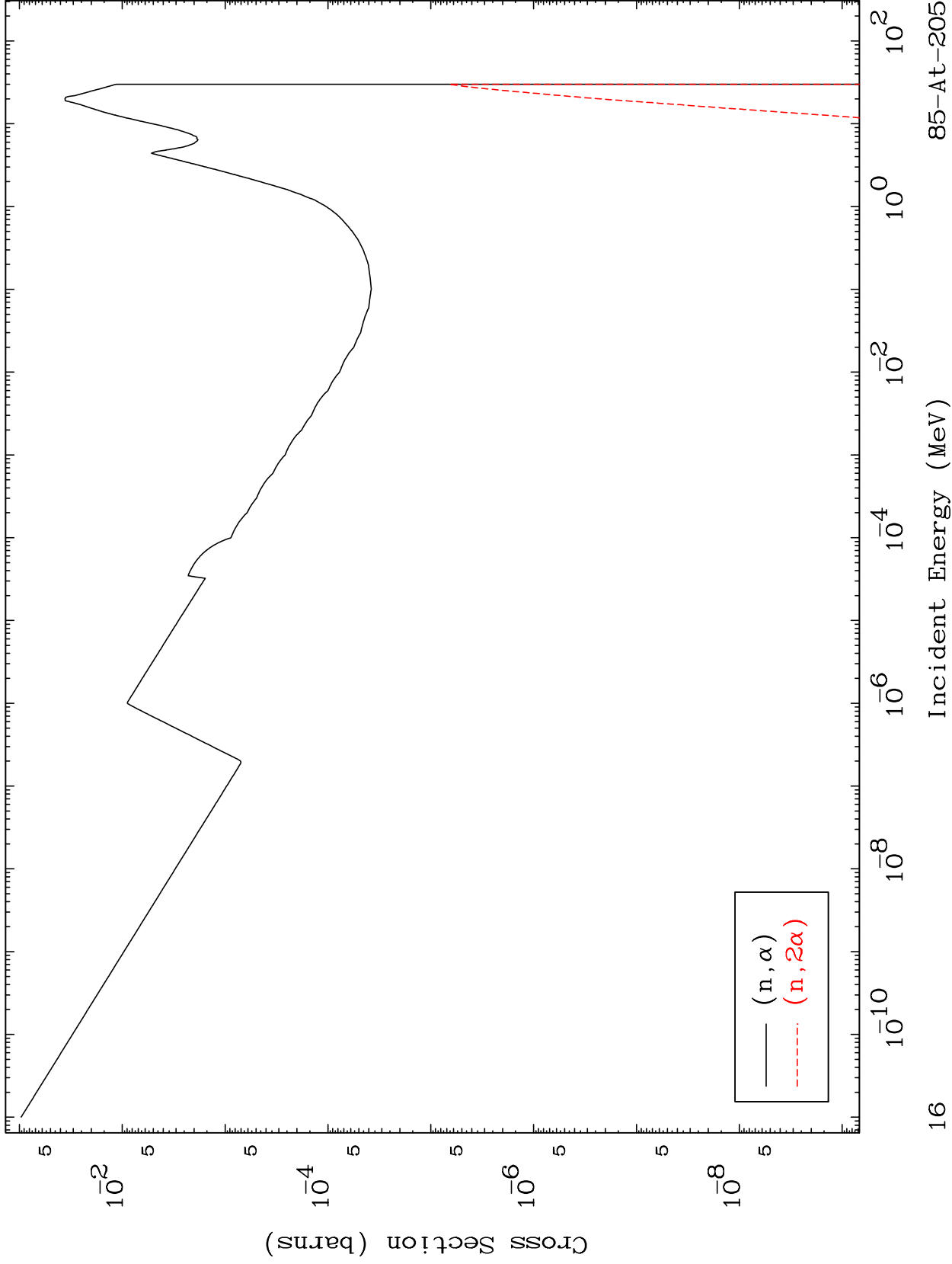
Incident Energy (MeV)

85-At-205

MAT 8531

(n,α) Levels
293 Kelvin Cross Sections

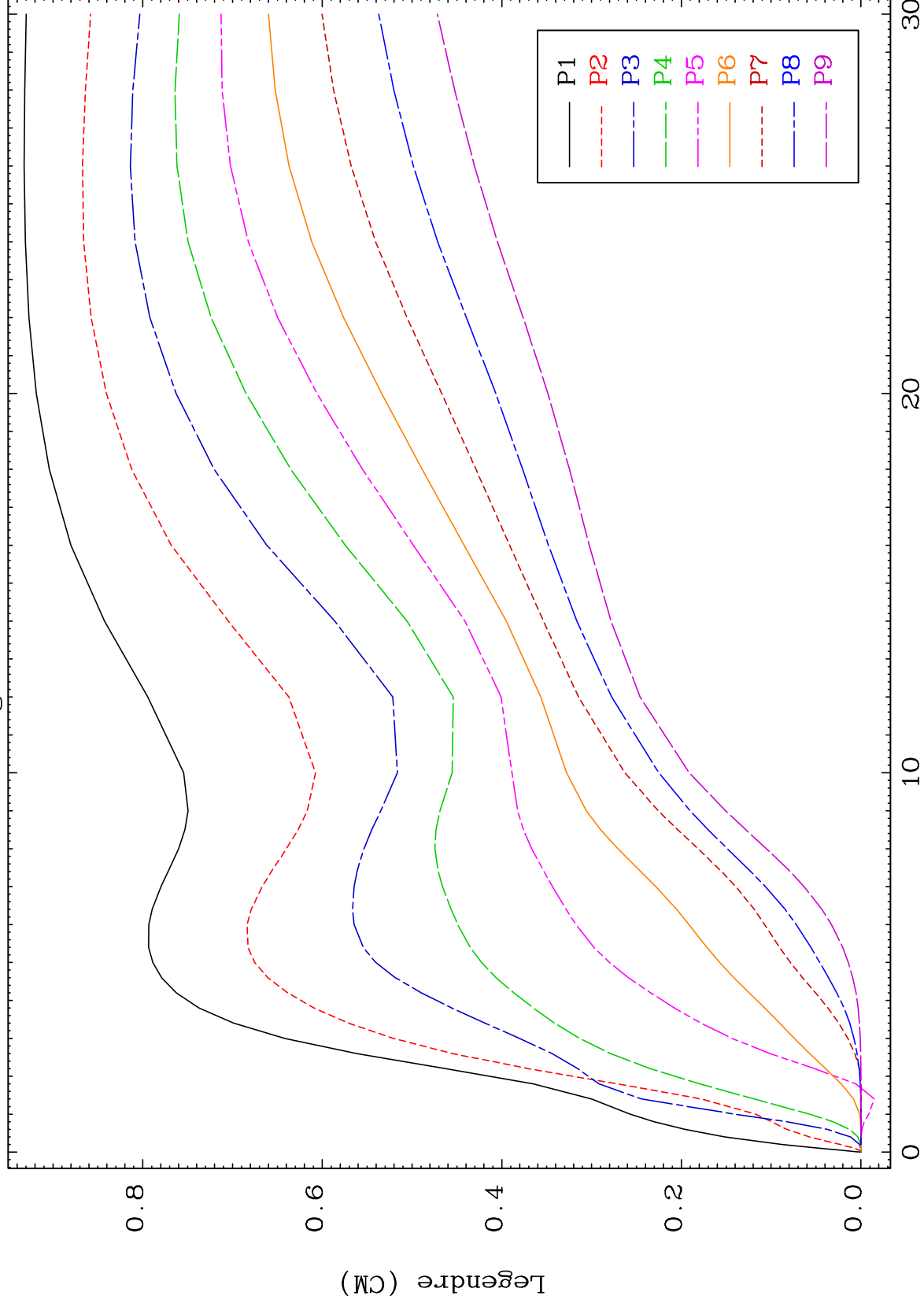
85-At-205



MAT 8531

Elastic Legendre Coefficients

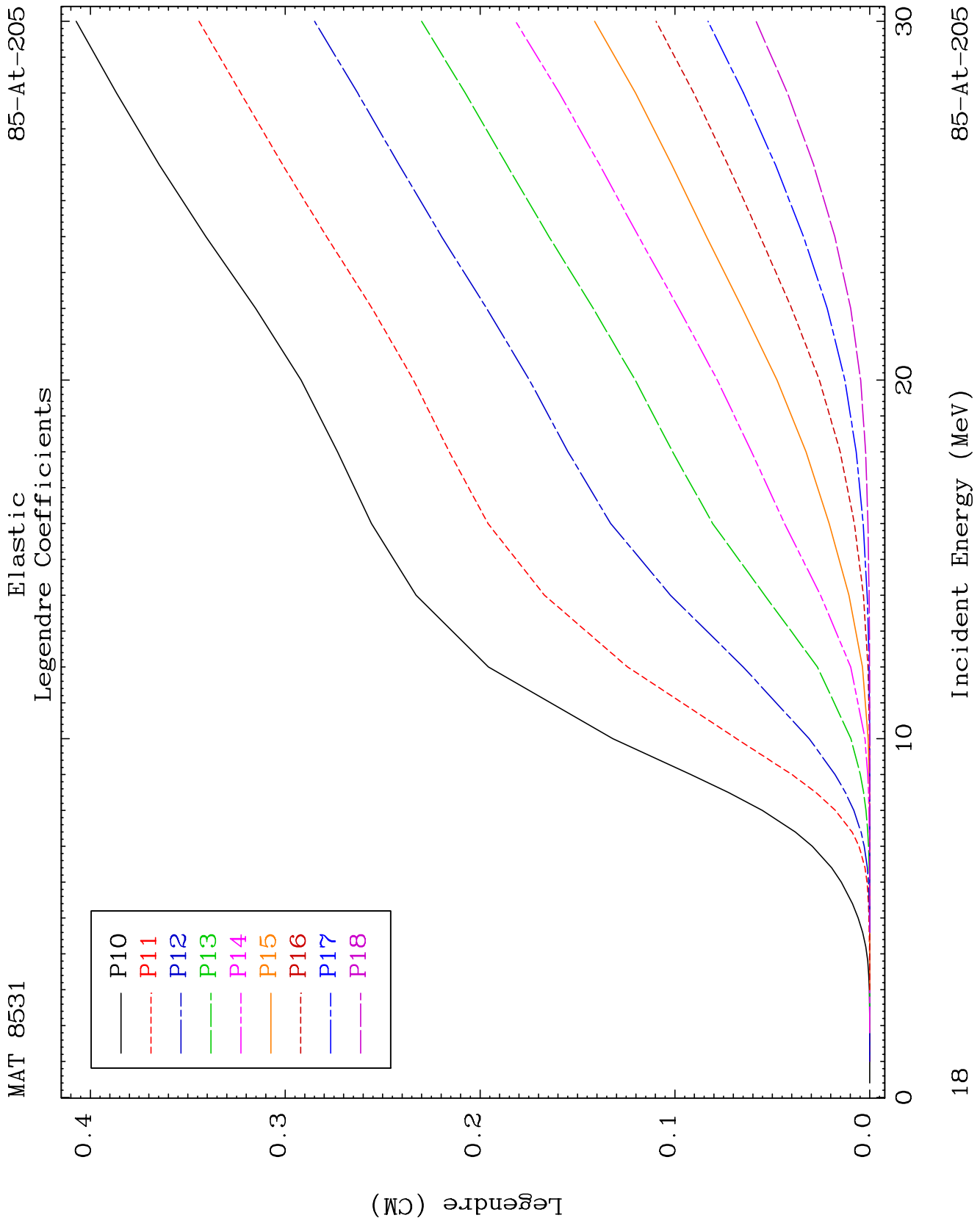
85-At-205



17

Incident Energy (MeV)

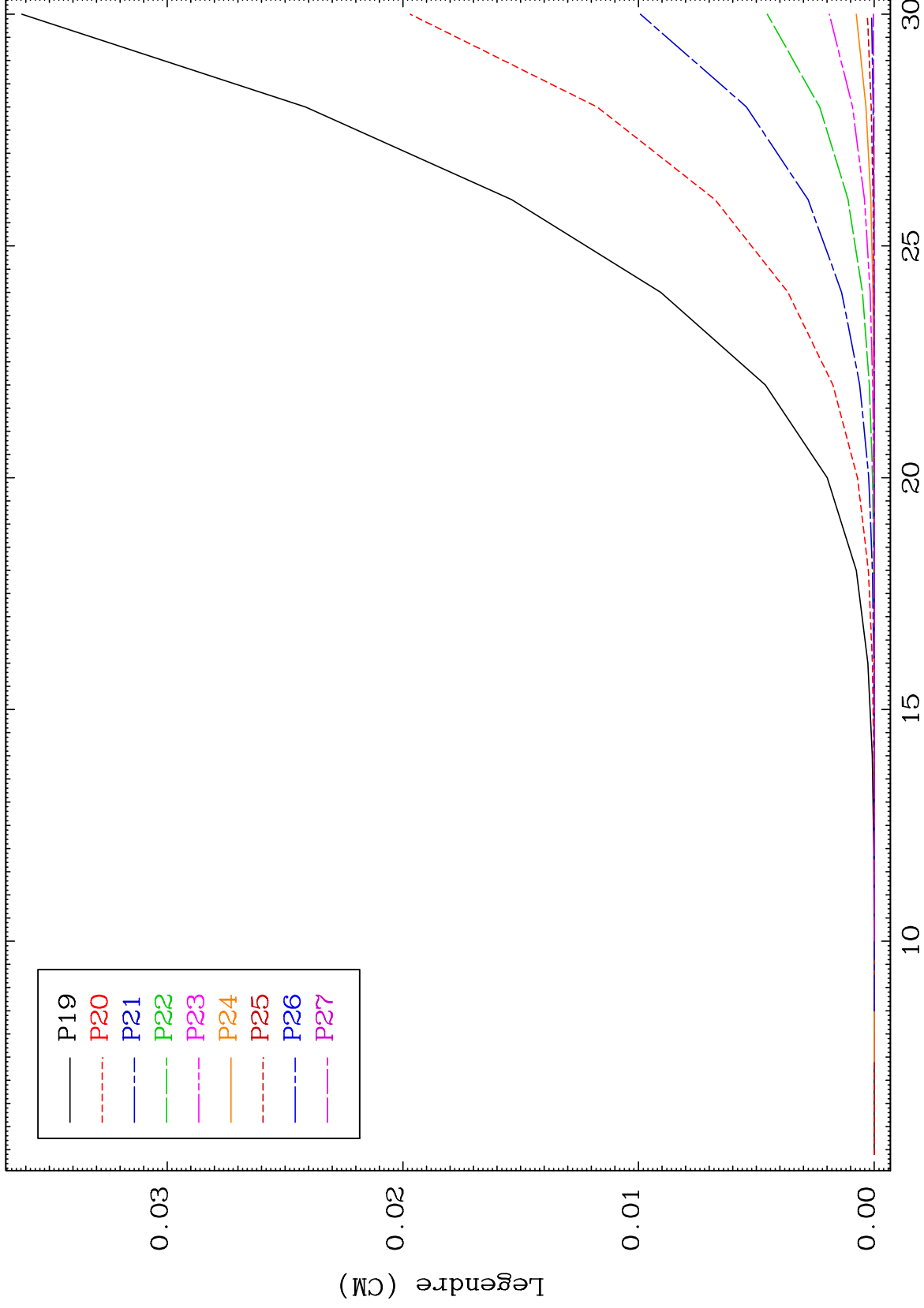
85-At-205



MAT 8531

Elastic
Legendre Coefficients

85-At-205



19

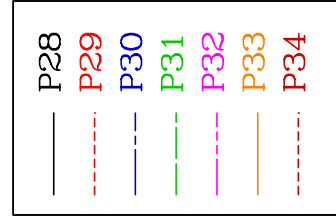
Incident Energy (MeV)

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

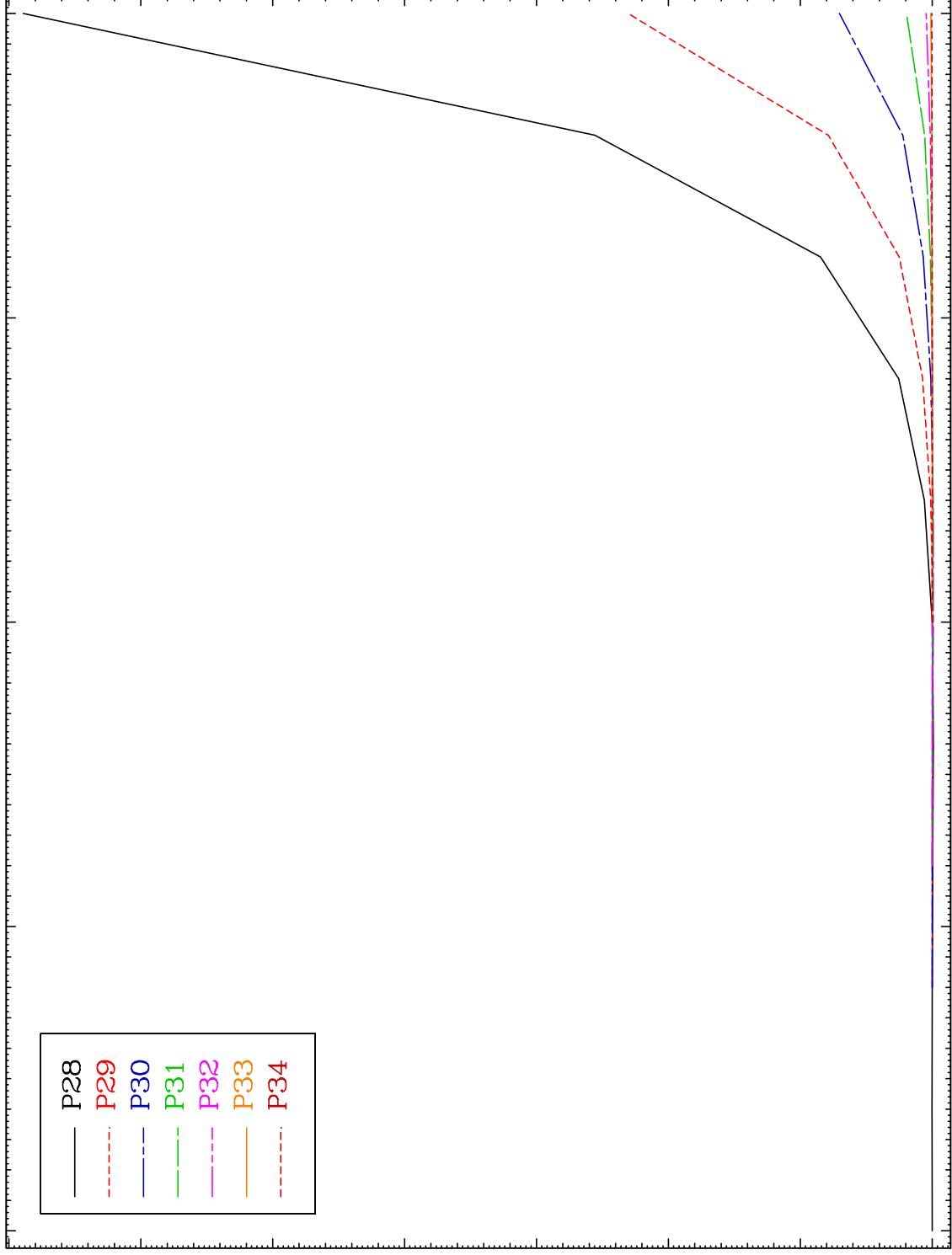
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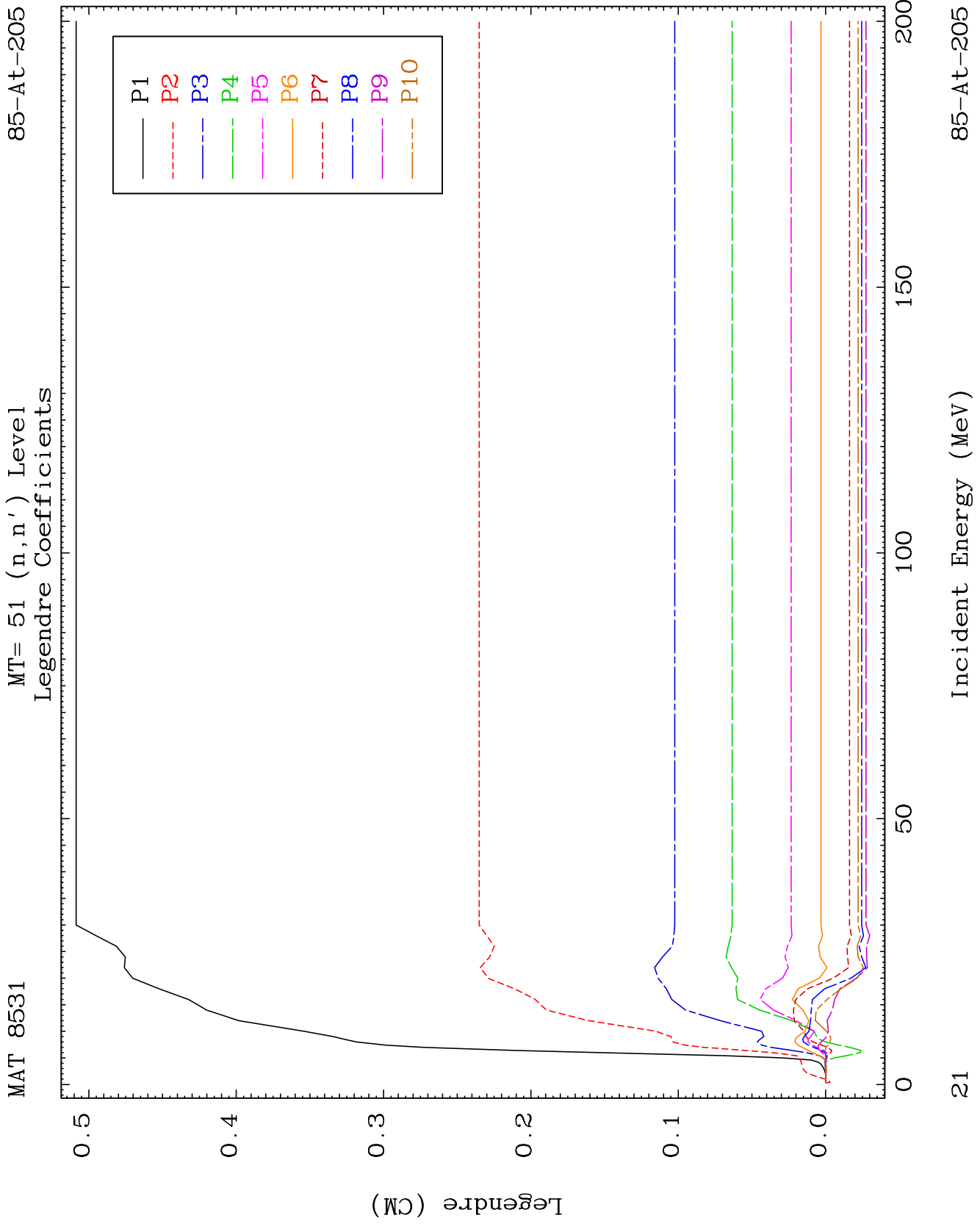
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Incident Energy (MeV)

85-At-205

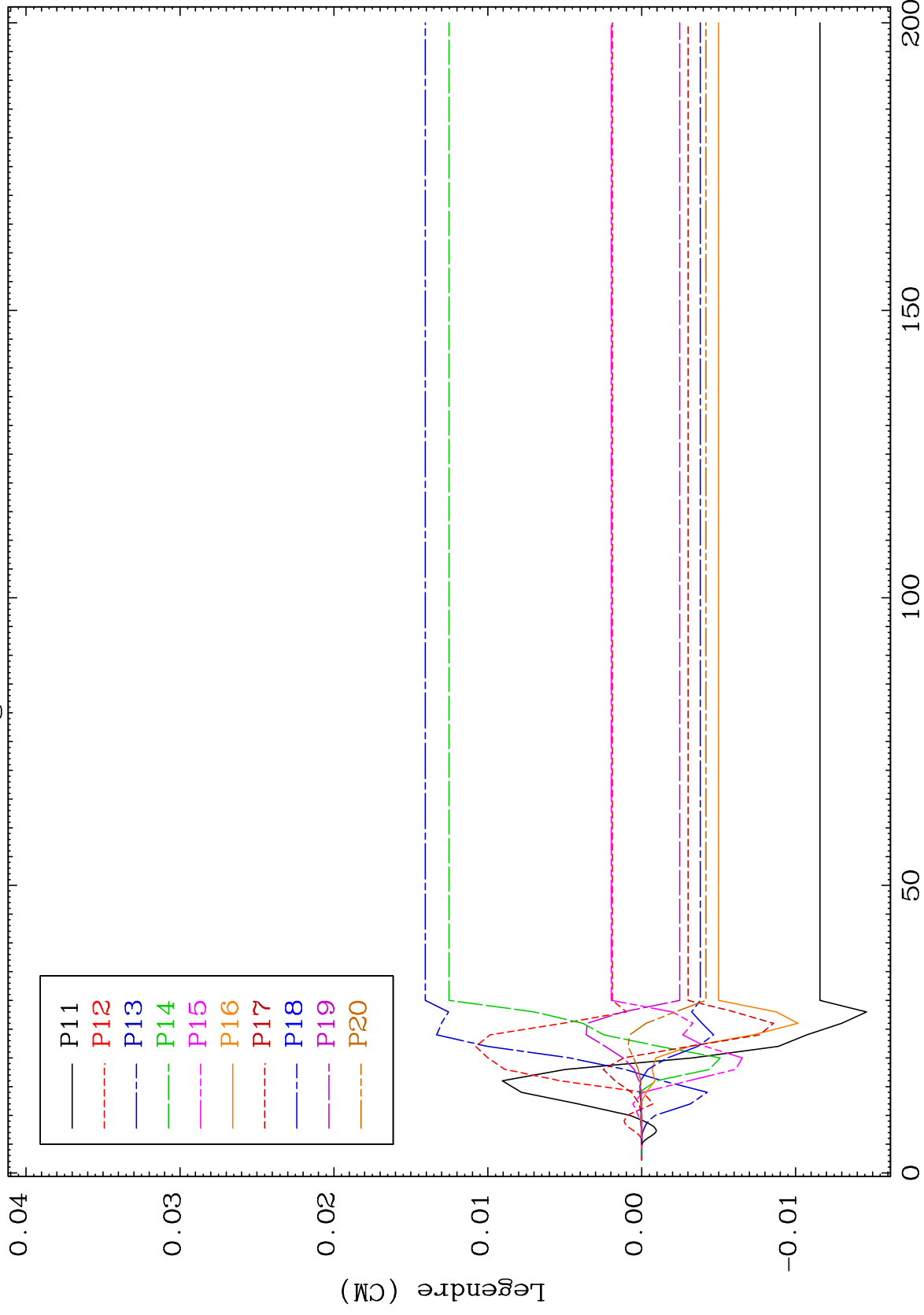




MAT 8531

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

85-At-205



22

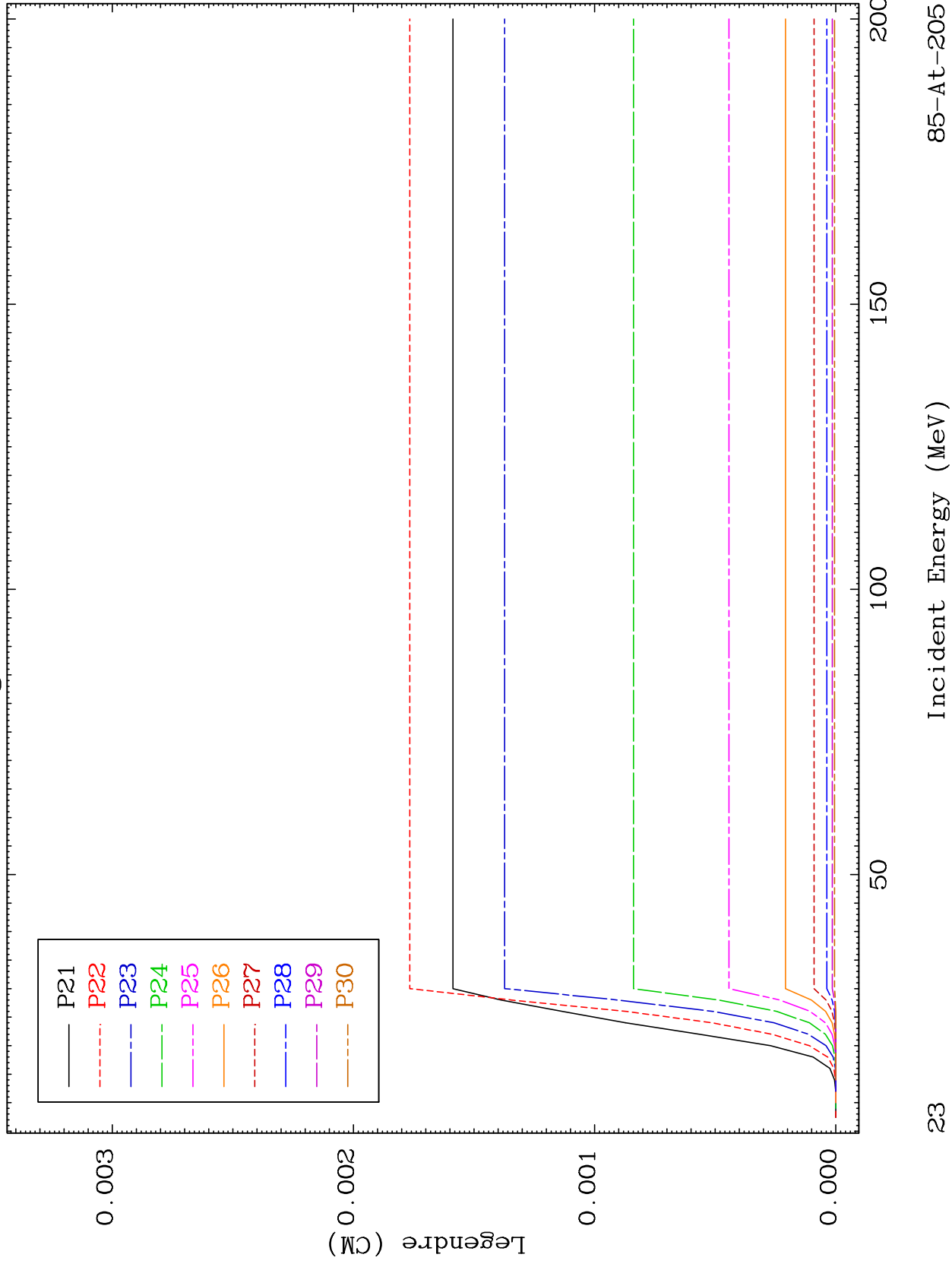
Incident Energy (MeV)

85-At-205

MAT 8531

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

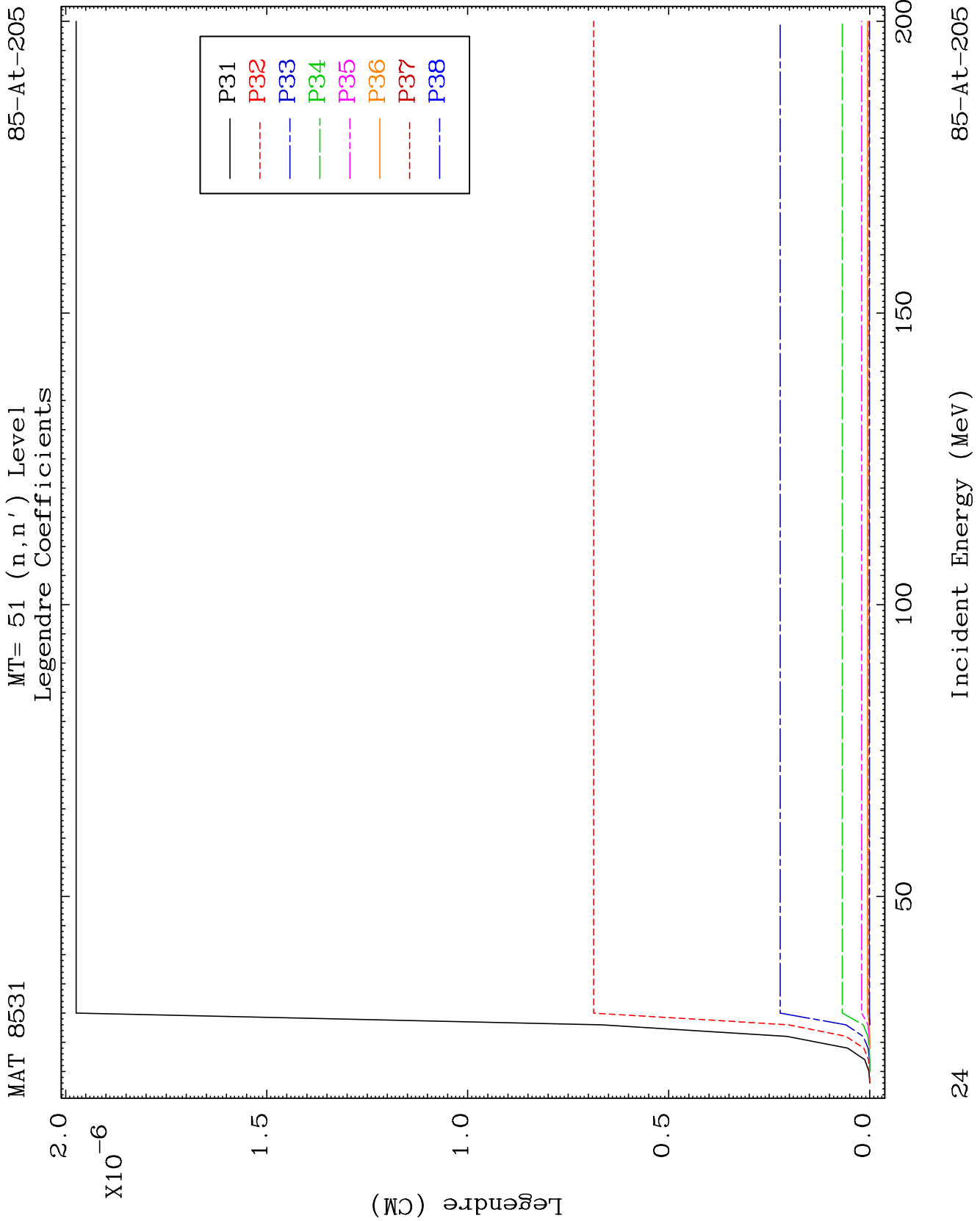
85-At-205

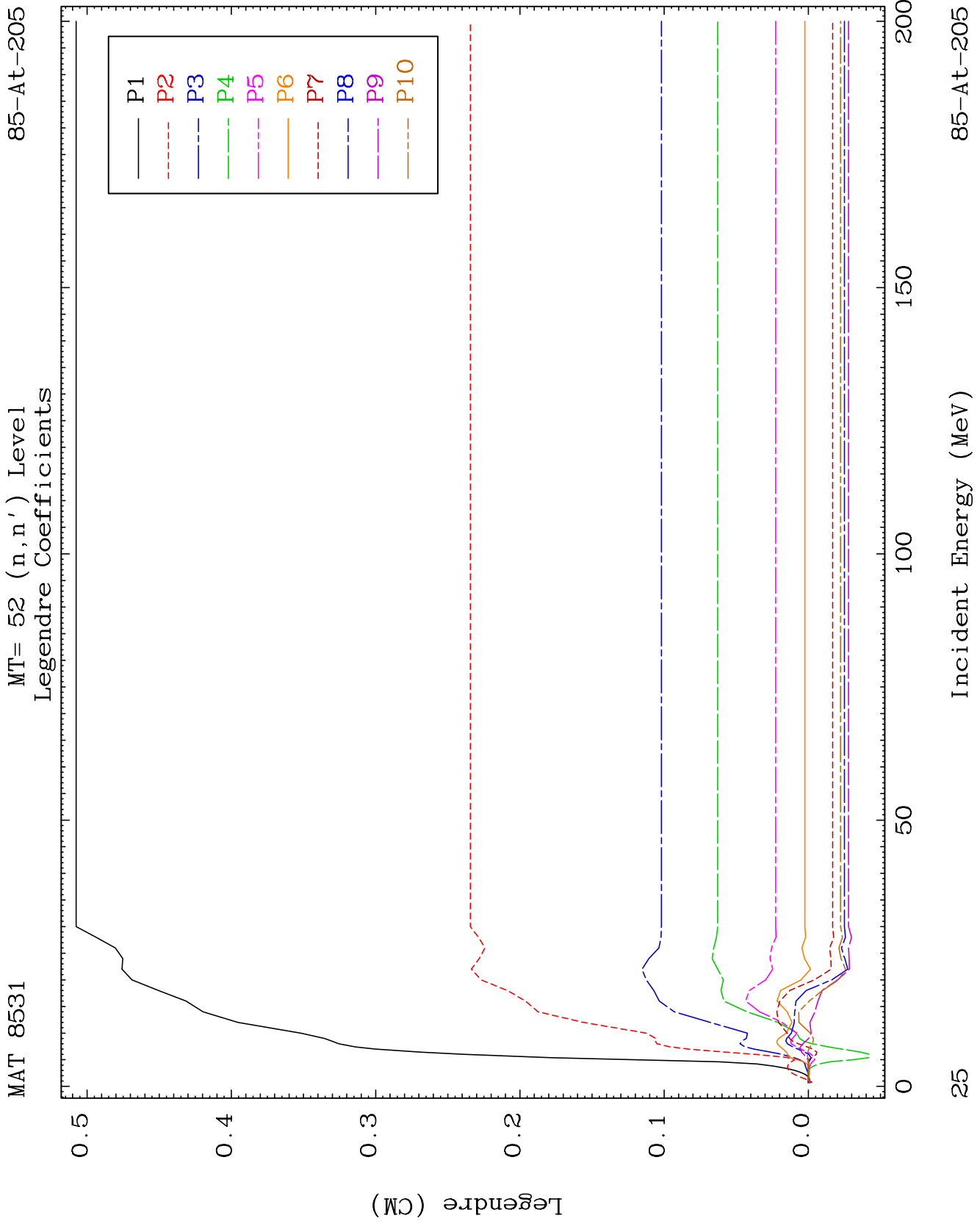


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Incident Energy (MeV)

85-At-205

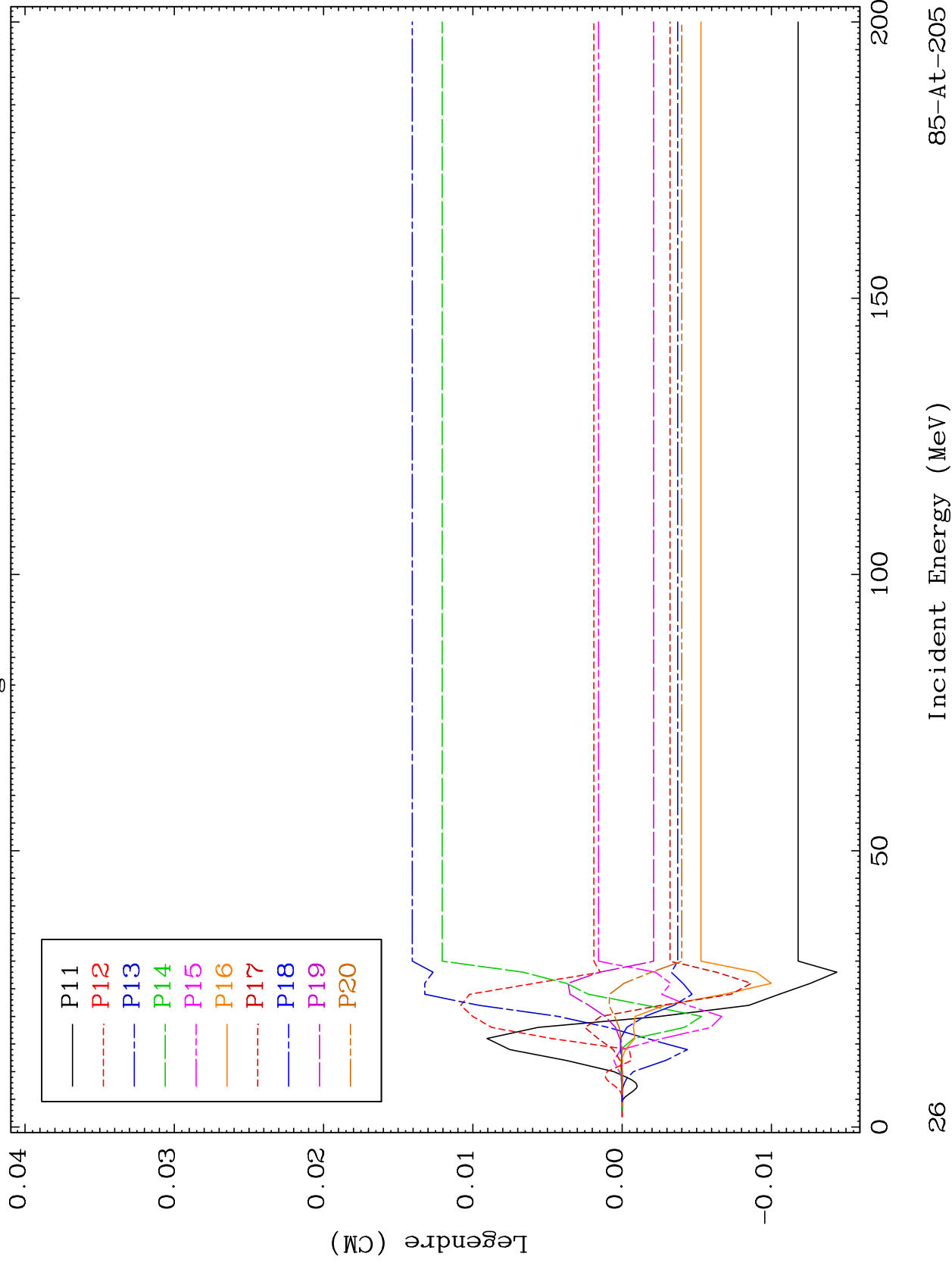




MAT 8531

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

85-At-205



26

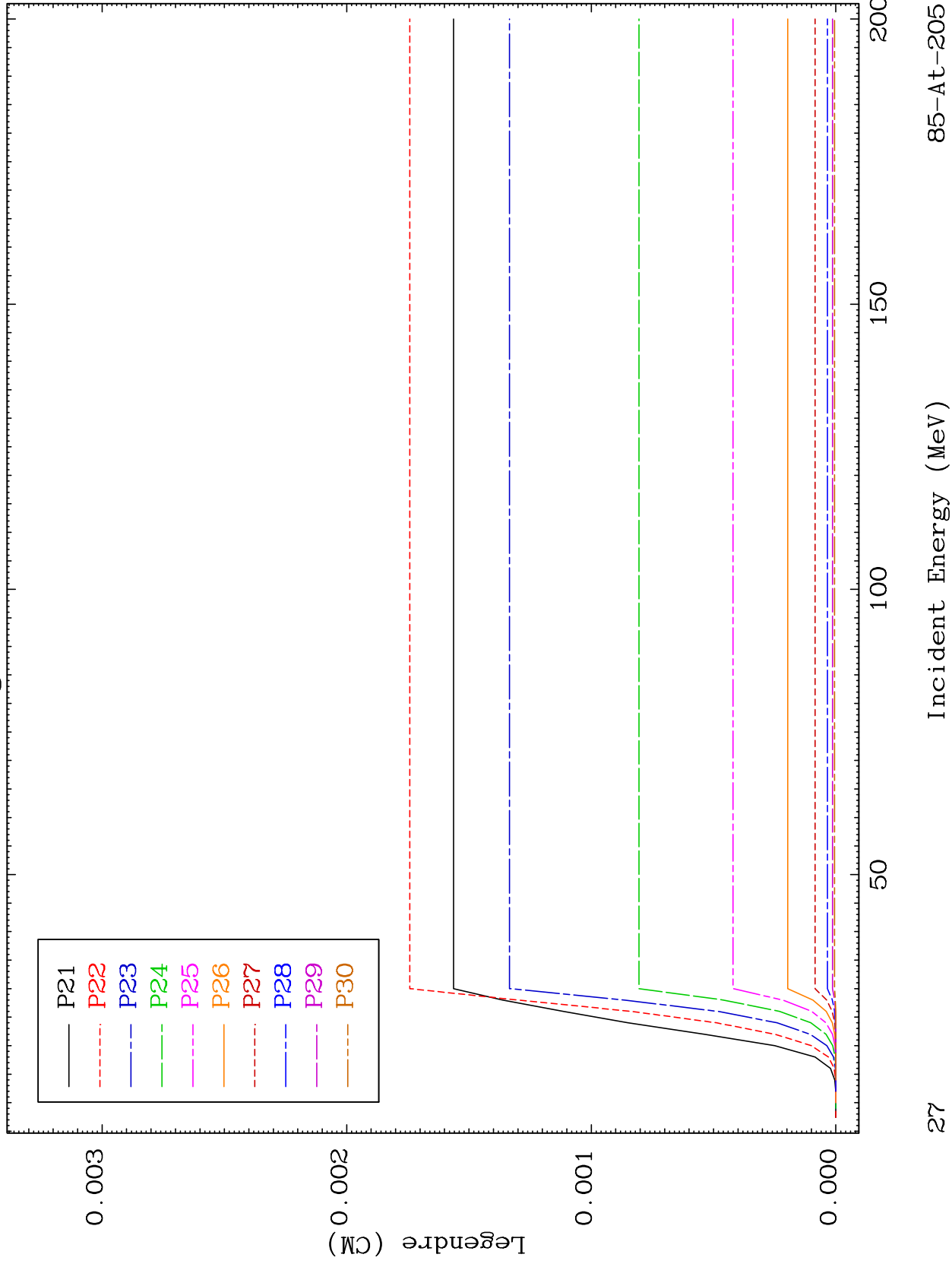
Incident Energy (MeV)

85-At-205

MAT 8531

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

85-At-205



27

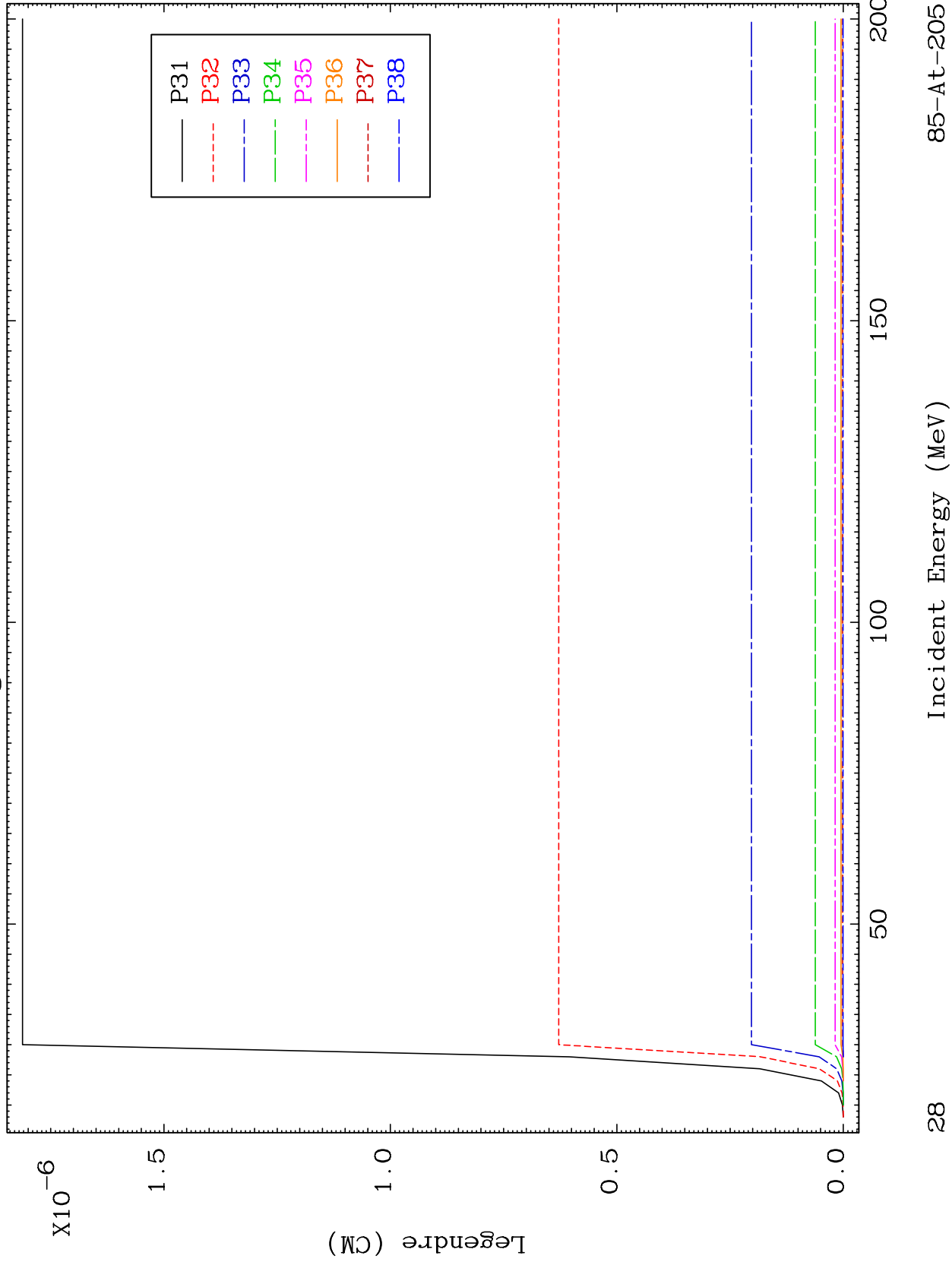
Incident Energy (MeV)

85-At-205

MAT 8531

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

85-At-205



28

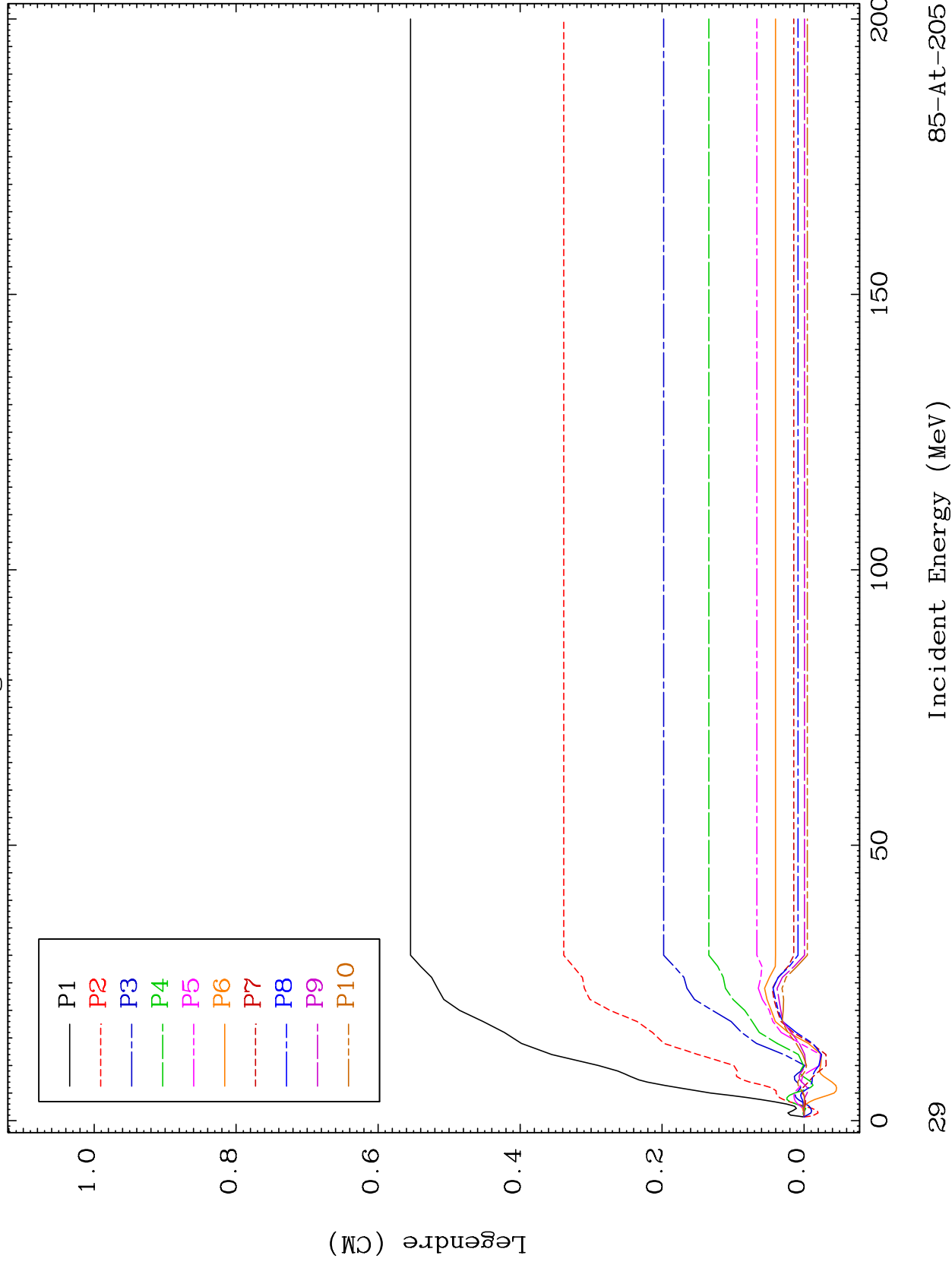
Incident Energy (MeV)

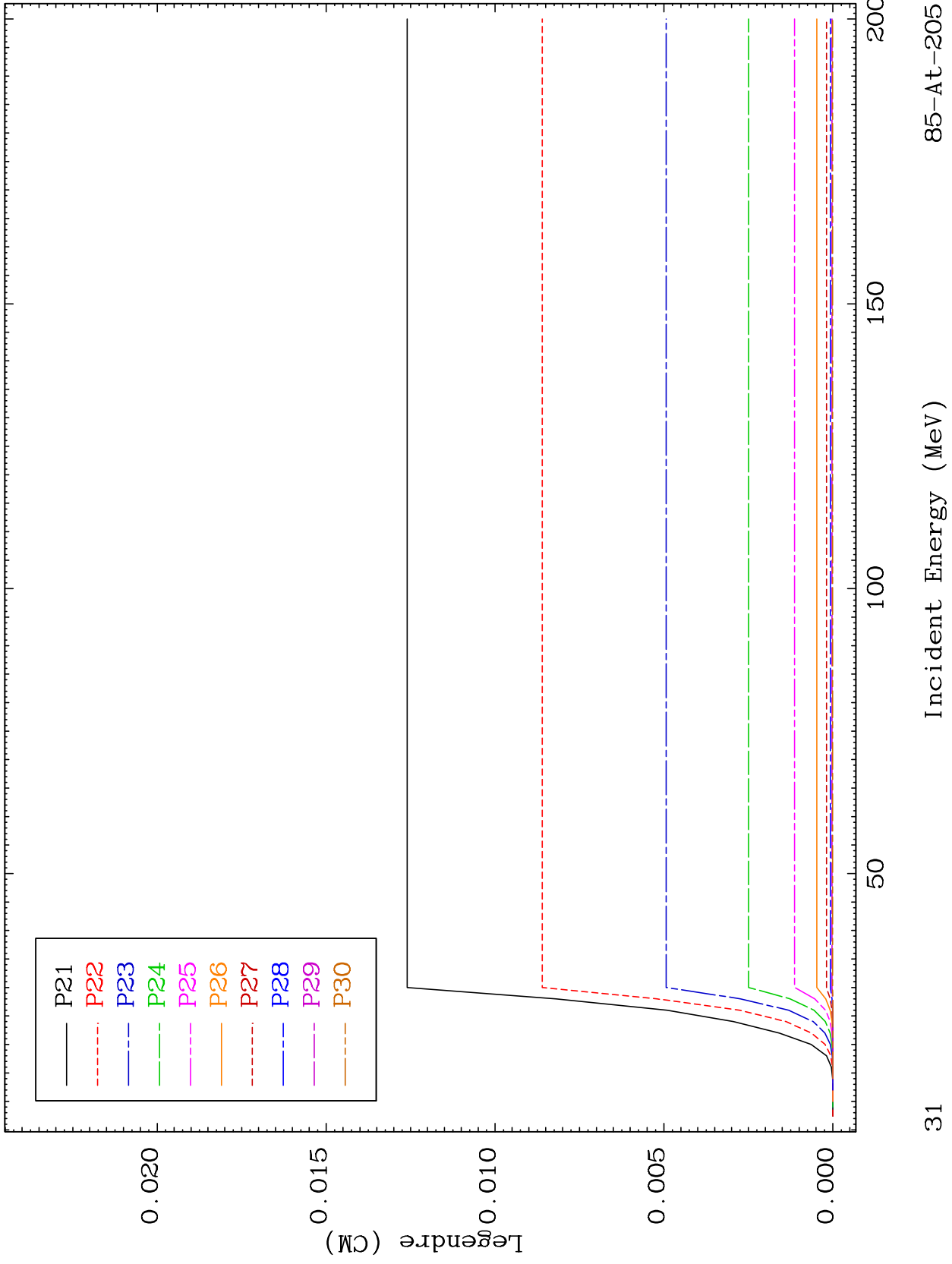
85-At-205

MAT 8531

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

85-At-205

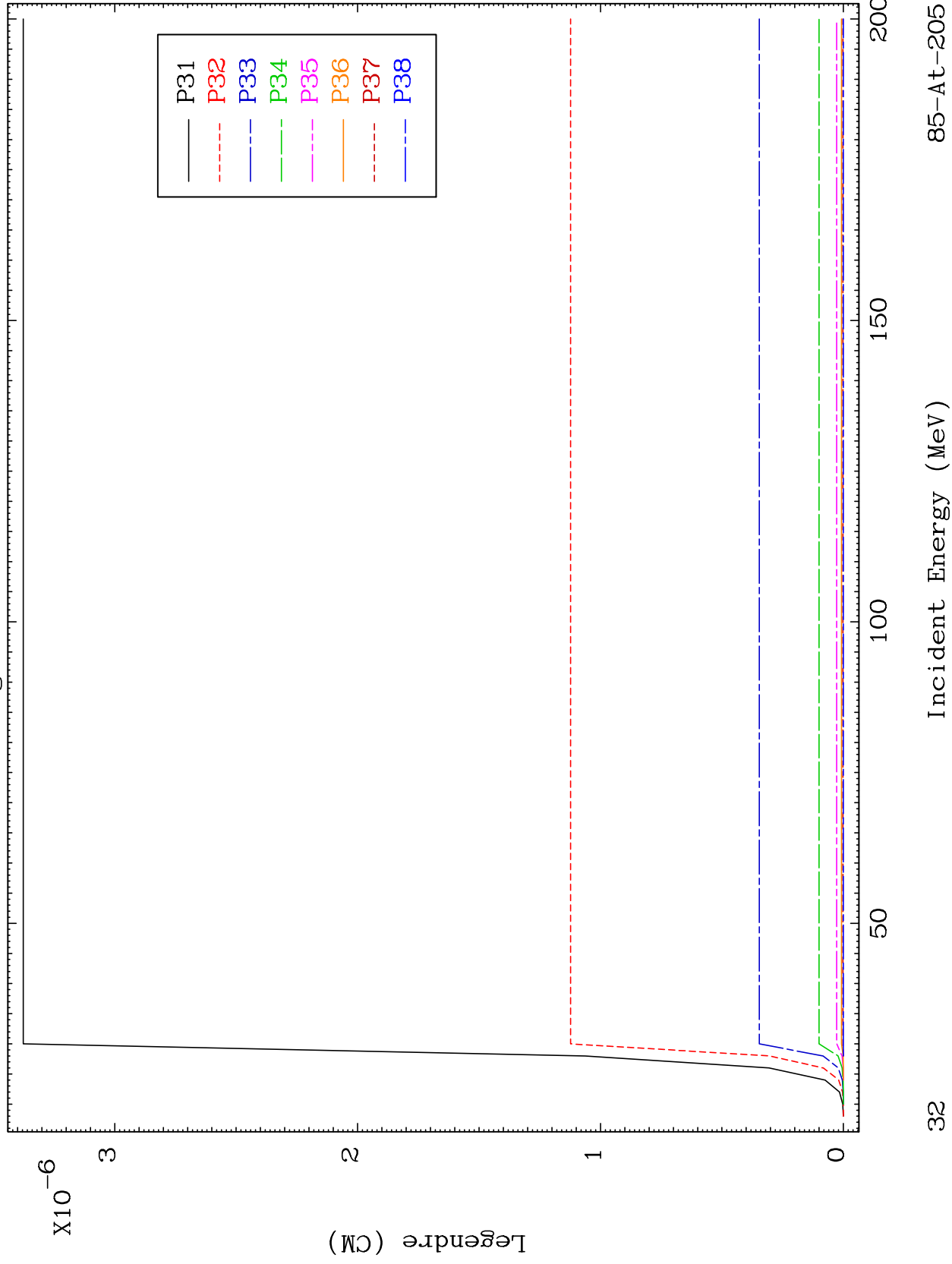




MAT 8531

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

85-At-205

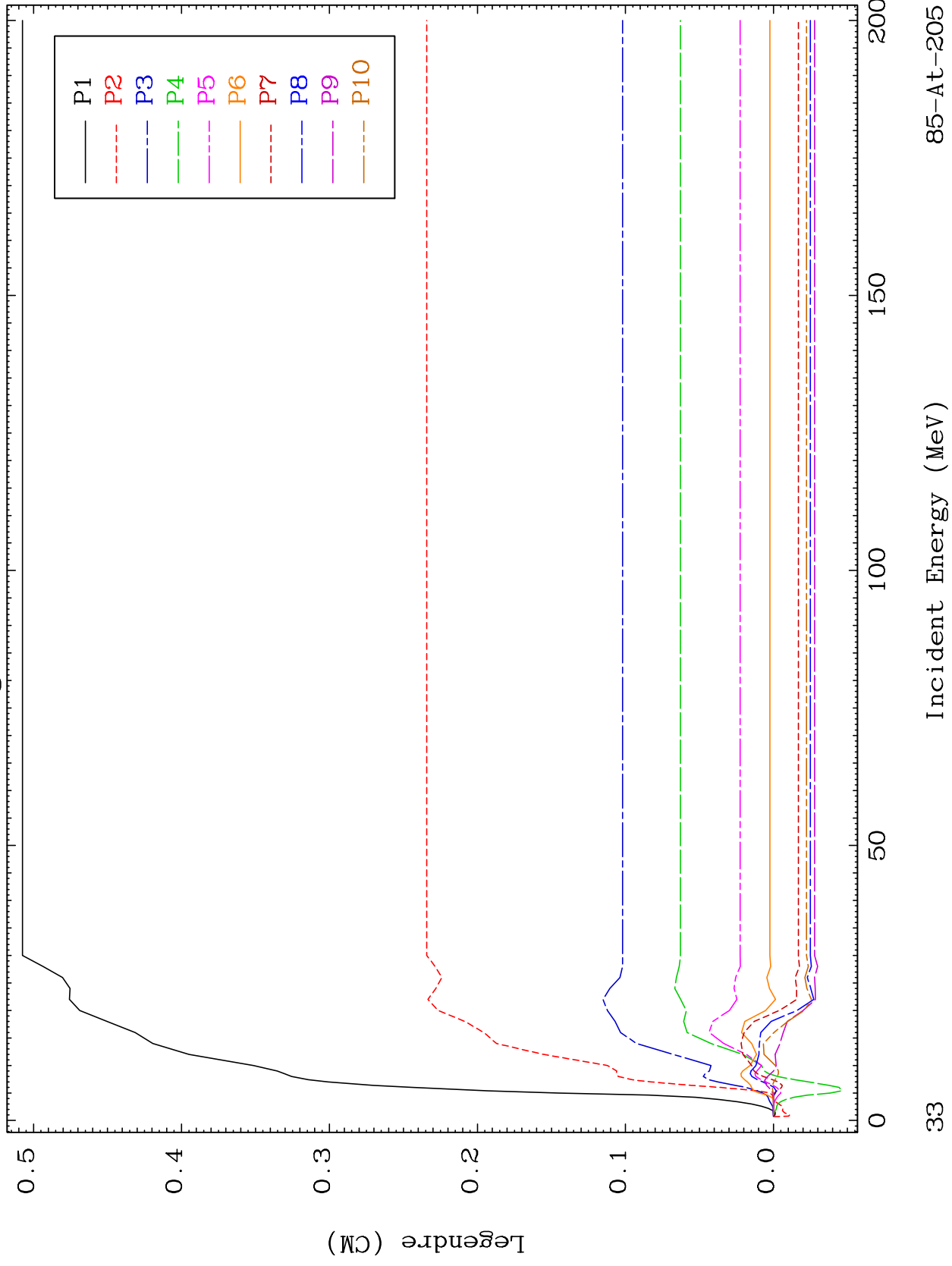


MAT 8531

MT= 54 (n,n') Level

85-At-205

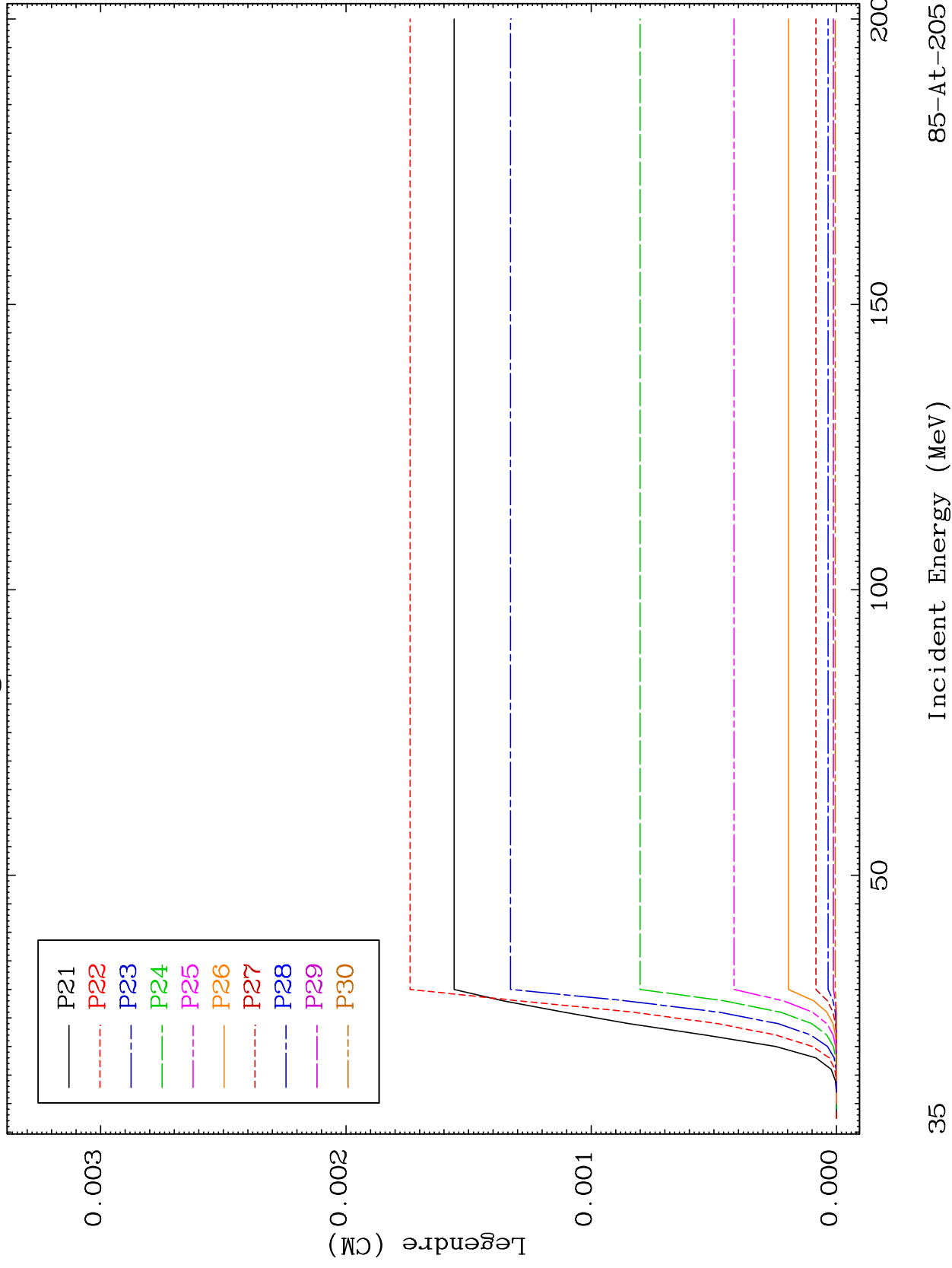
Legendre Coefficients



MAT 8531

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

85-At-205



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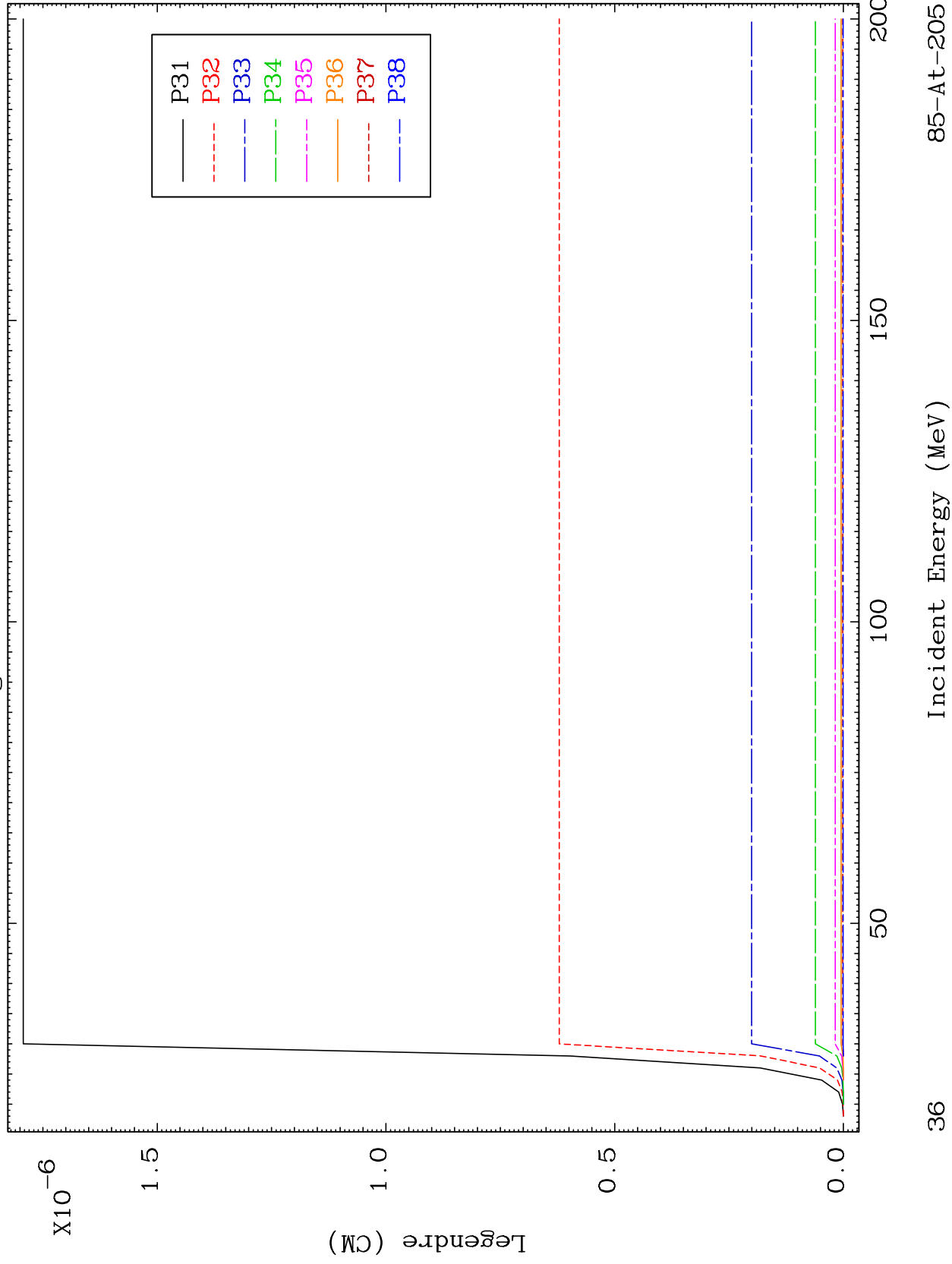
Incident Energy (MeV)

85-At-205

MAT 8531

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

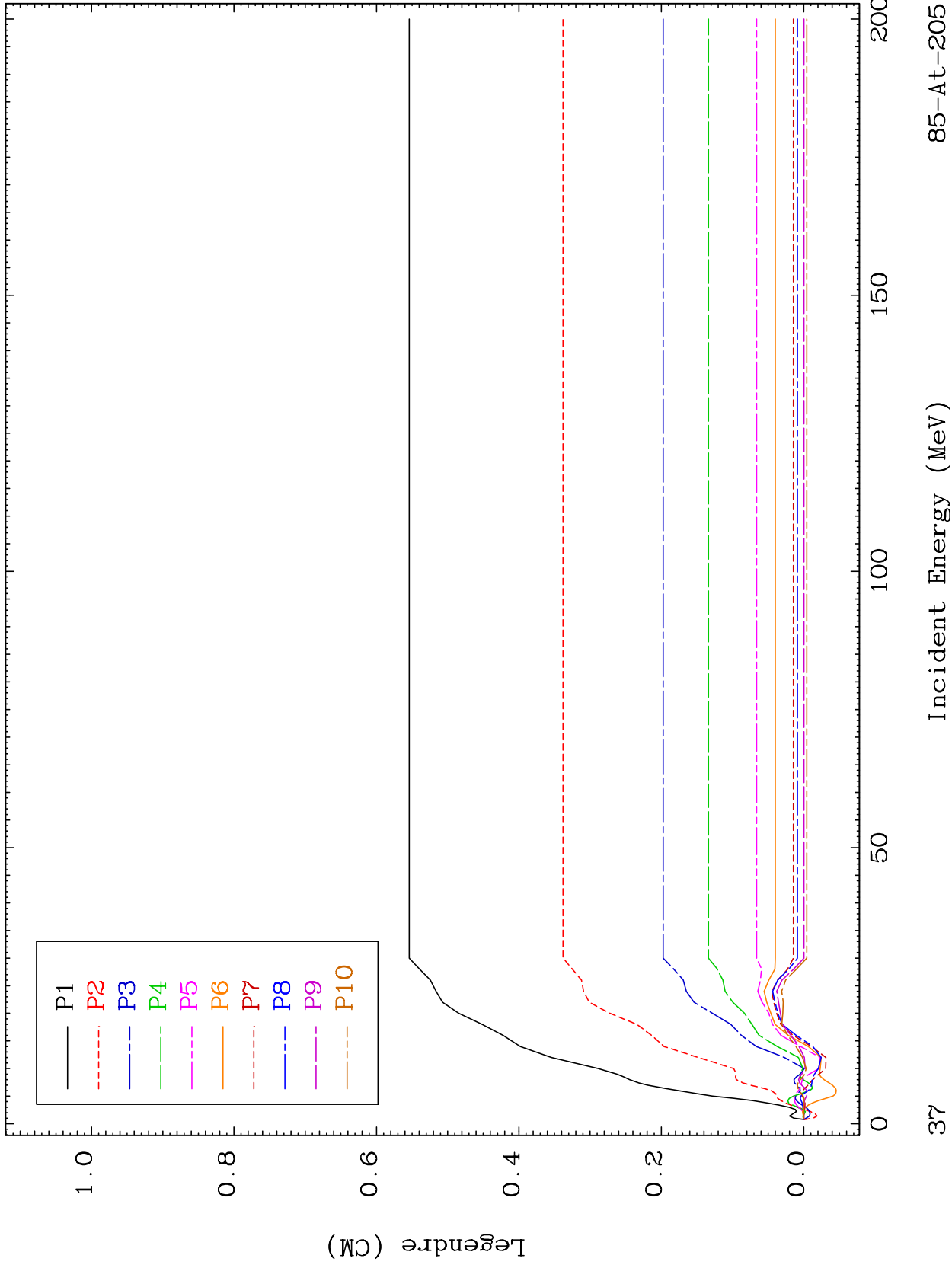
85-At-205



MAT 8531

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

85-At-205



37

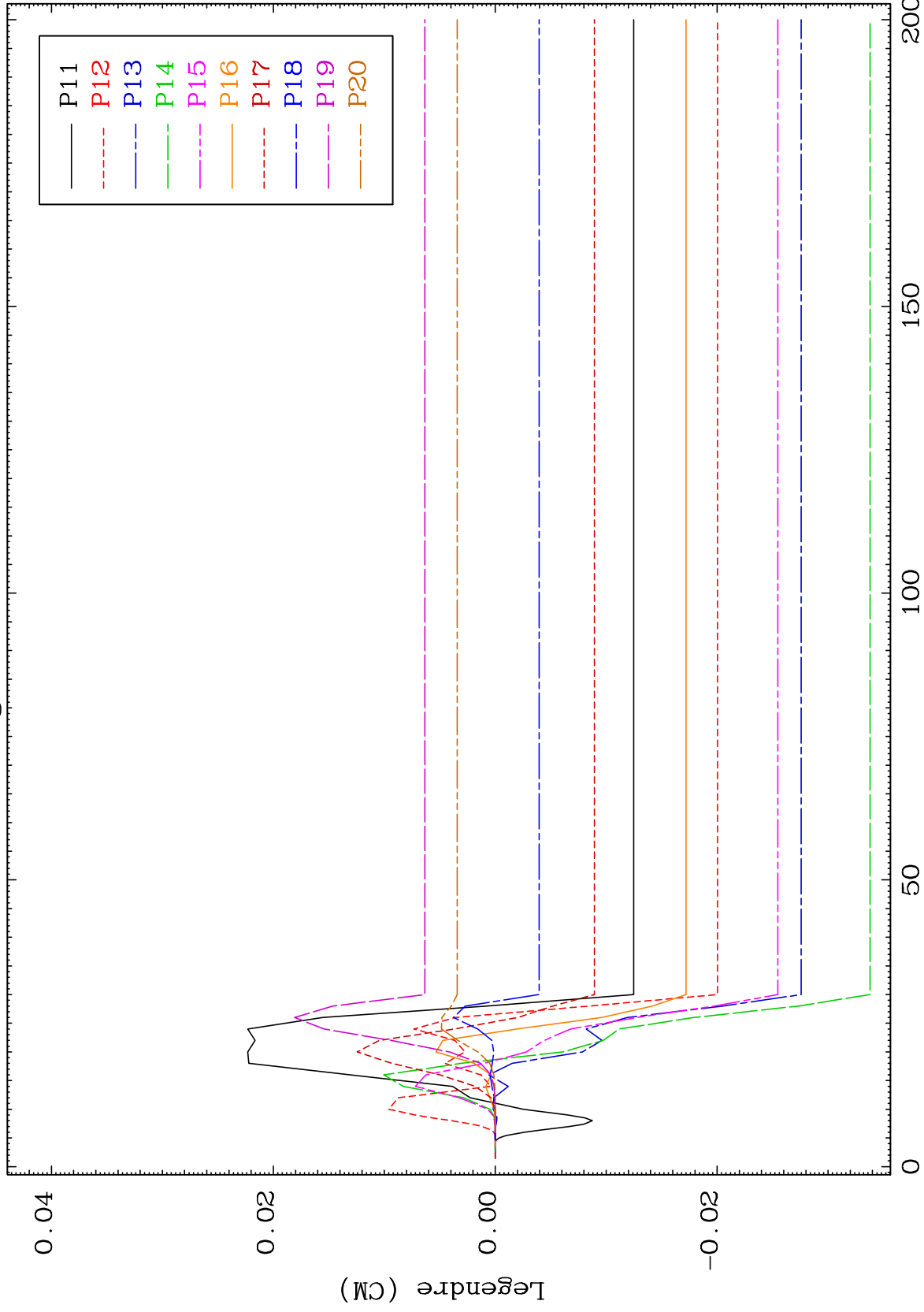
Incident Energy (MeV)

85-At-205

MAT 8531

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

85-At-205



38

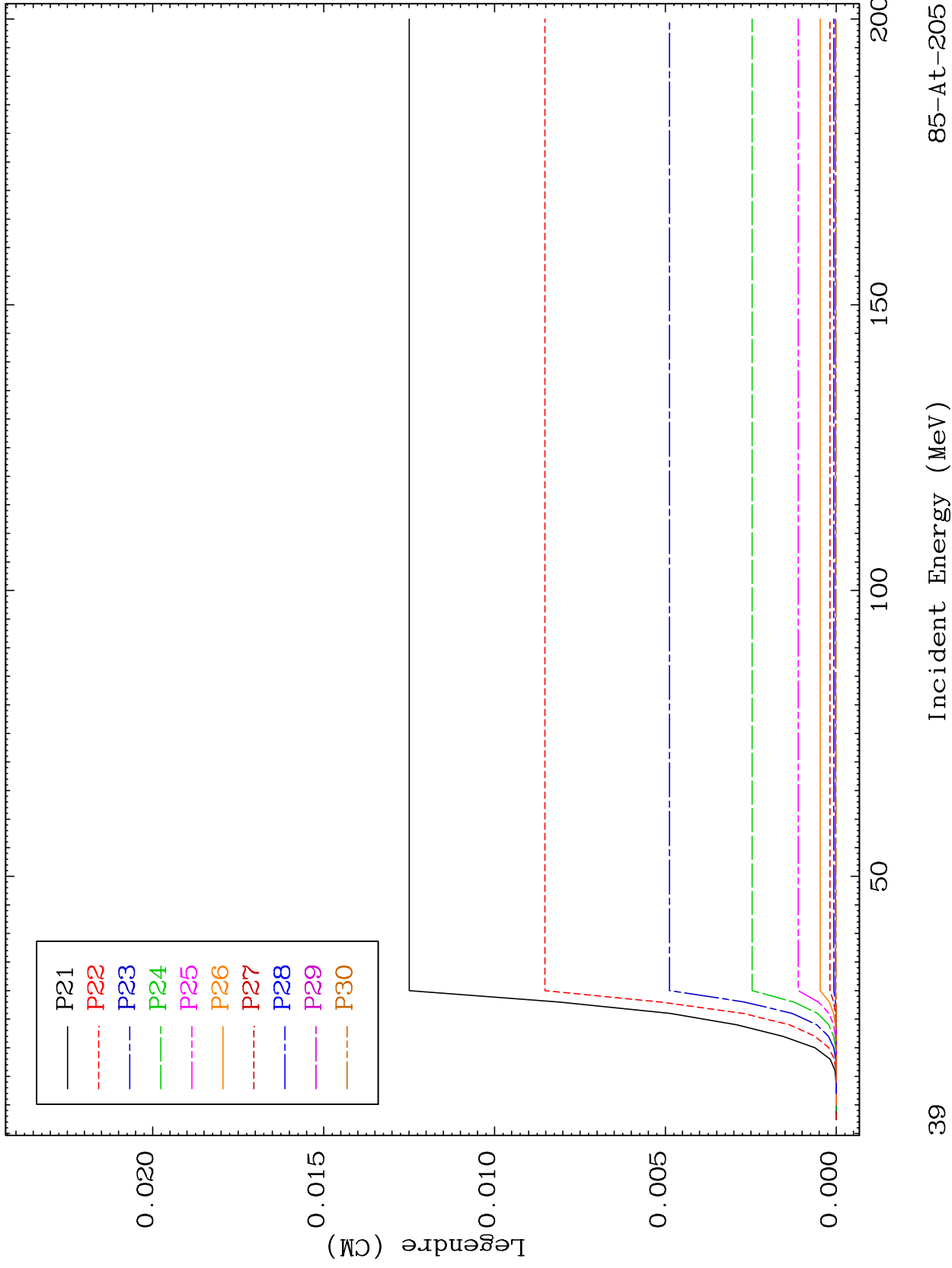
Incident Energy (MeV)

85-At-205

MAT 8531

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

85-At-205



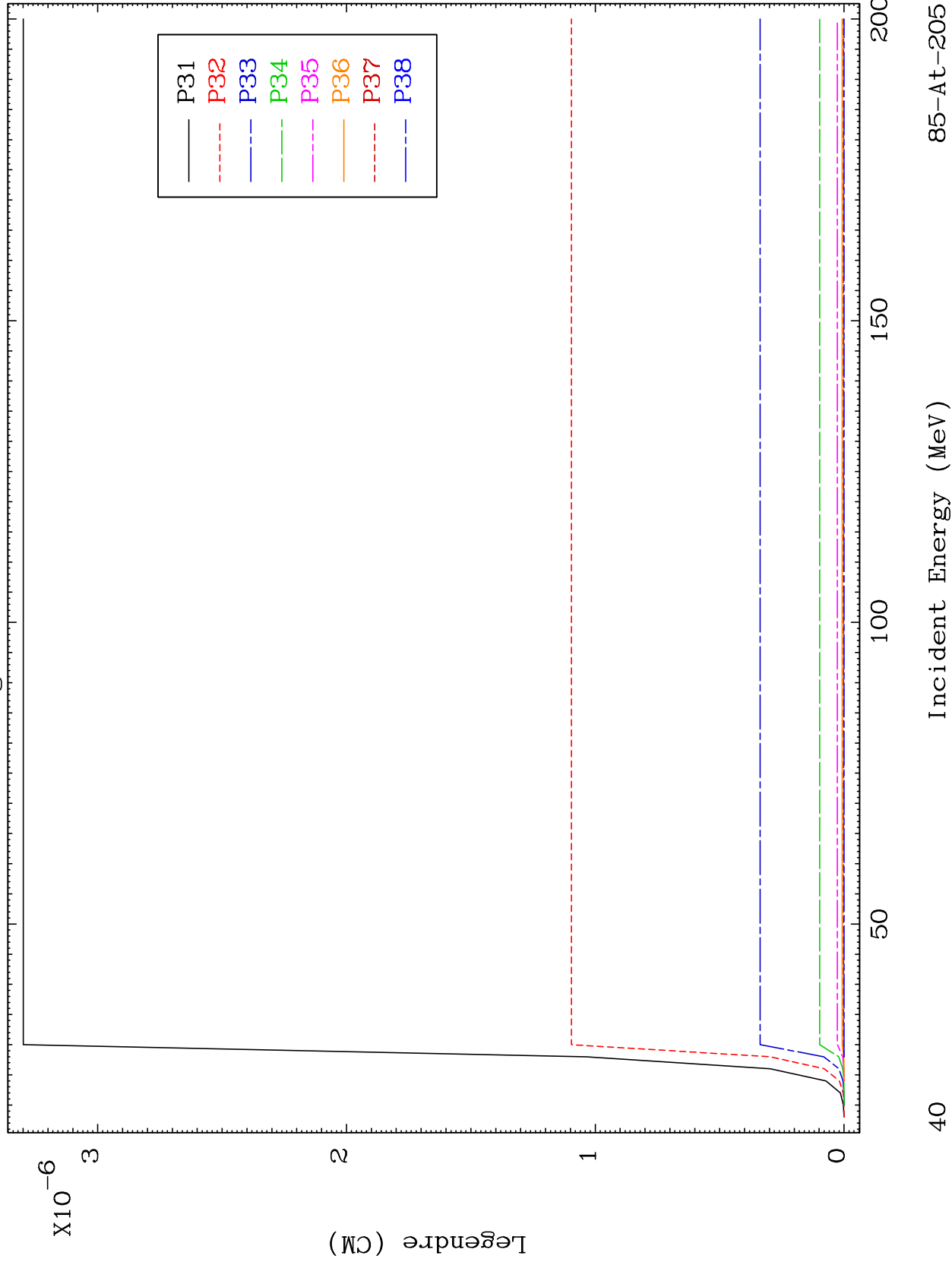
39

85-At-205

MAT 8531

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

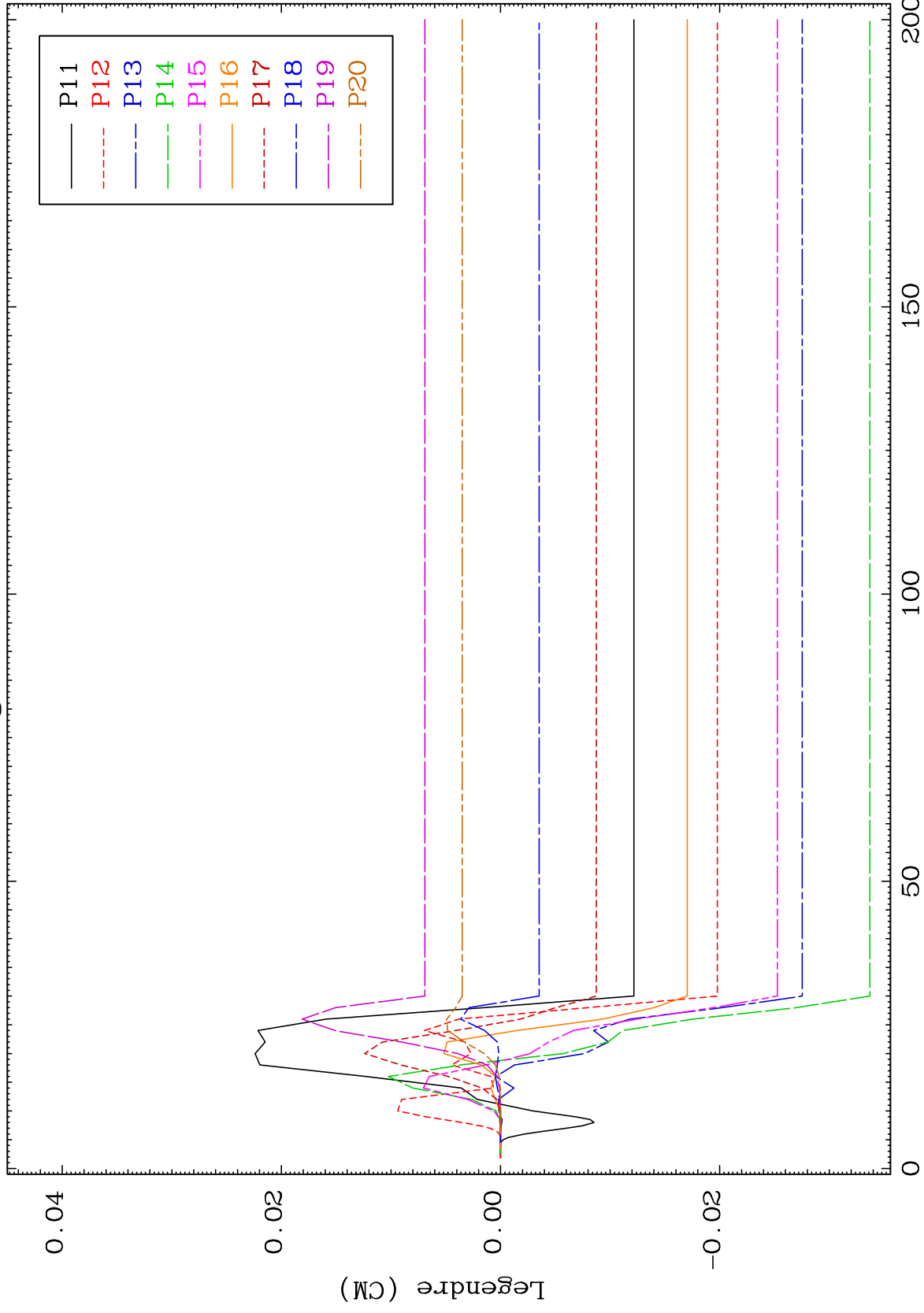
85-At-205



MAT 8531

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

85-At-205



42

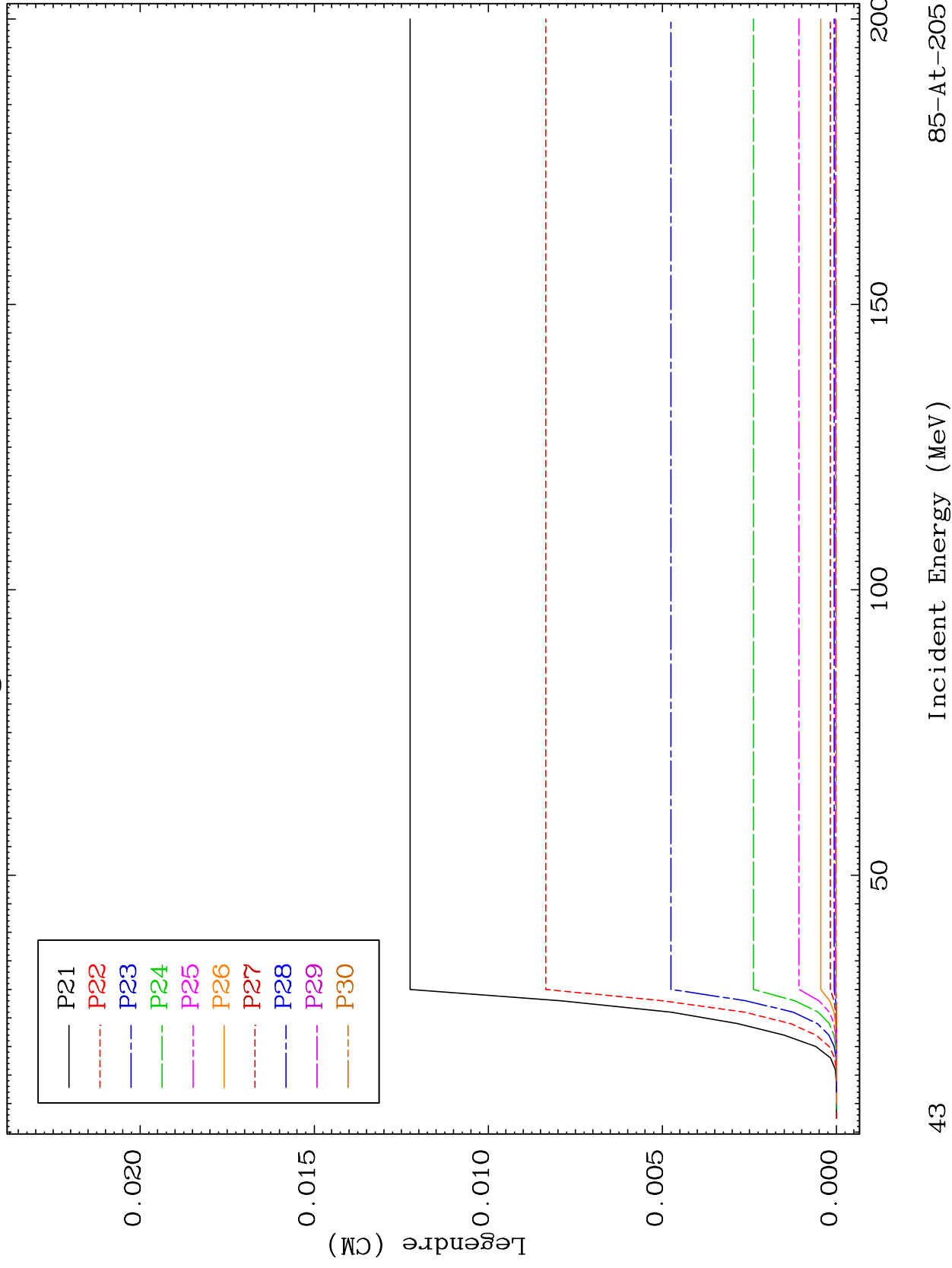
Incident Energy (MeV)

85-At-205

MAT 8531

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

85-At-205

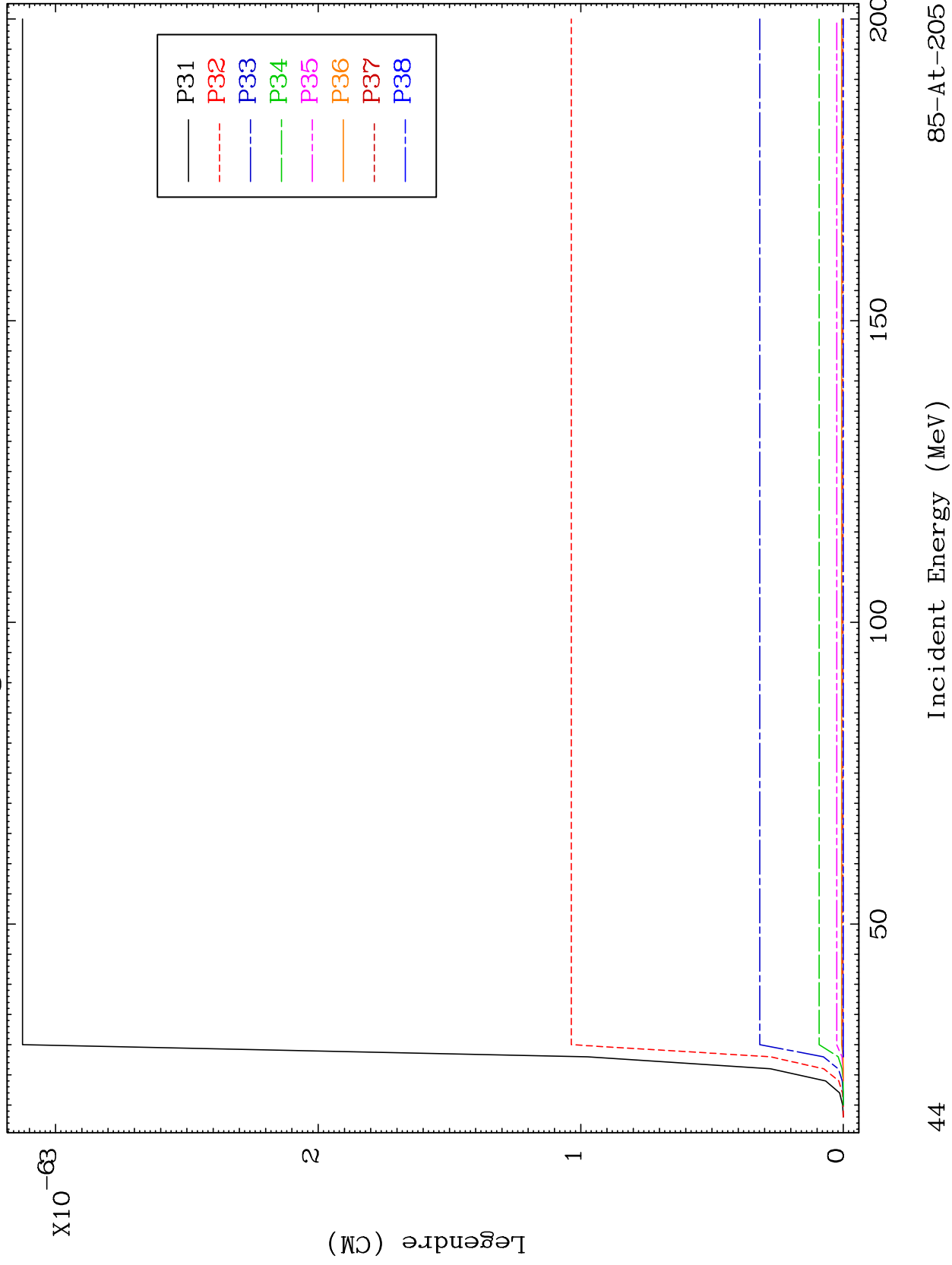


43

MAT 8531

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

85-At-205



44

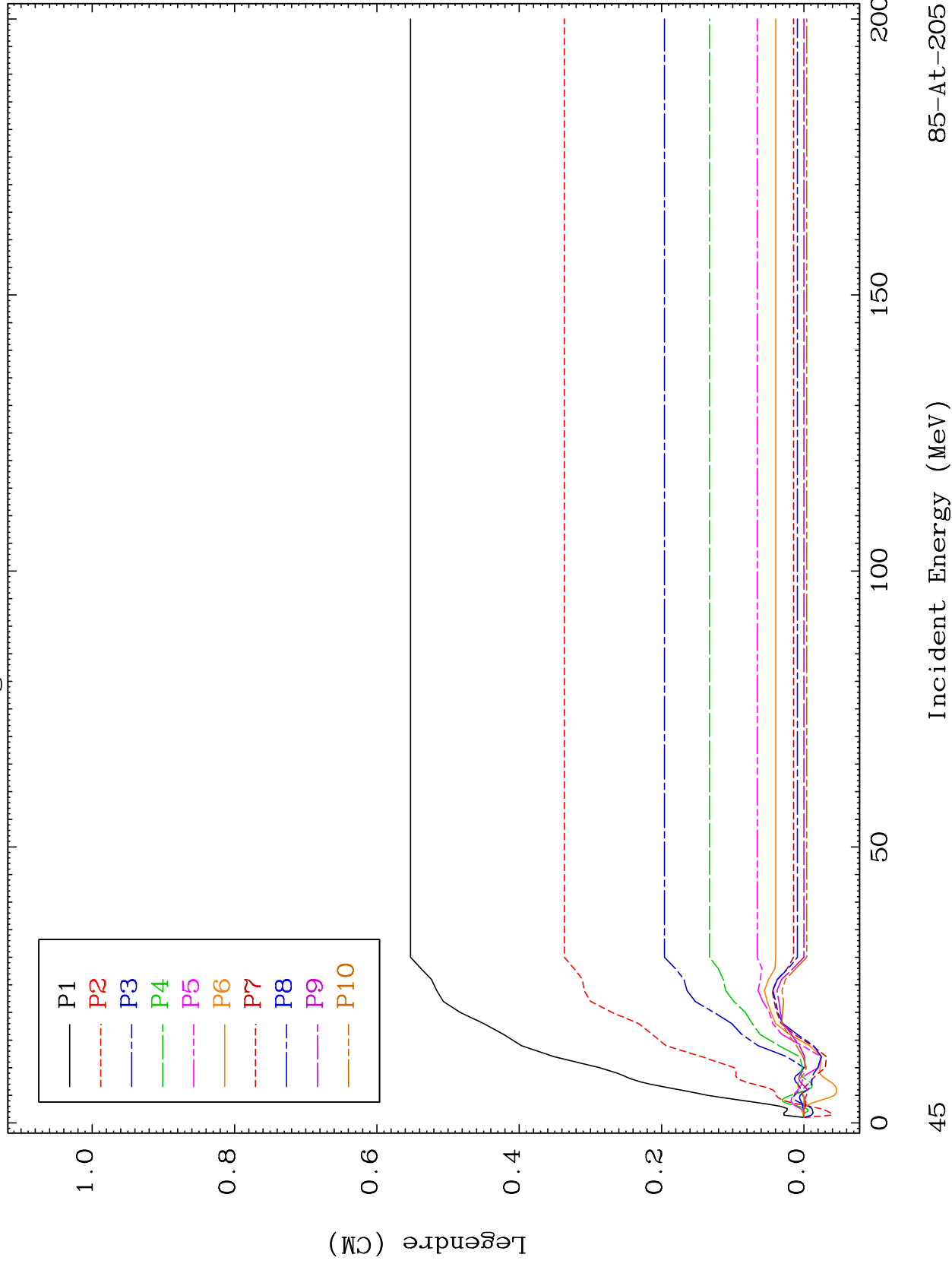
Incident Energy (MeV)

85-At-205

MAT 8531

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

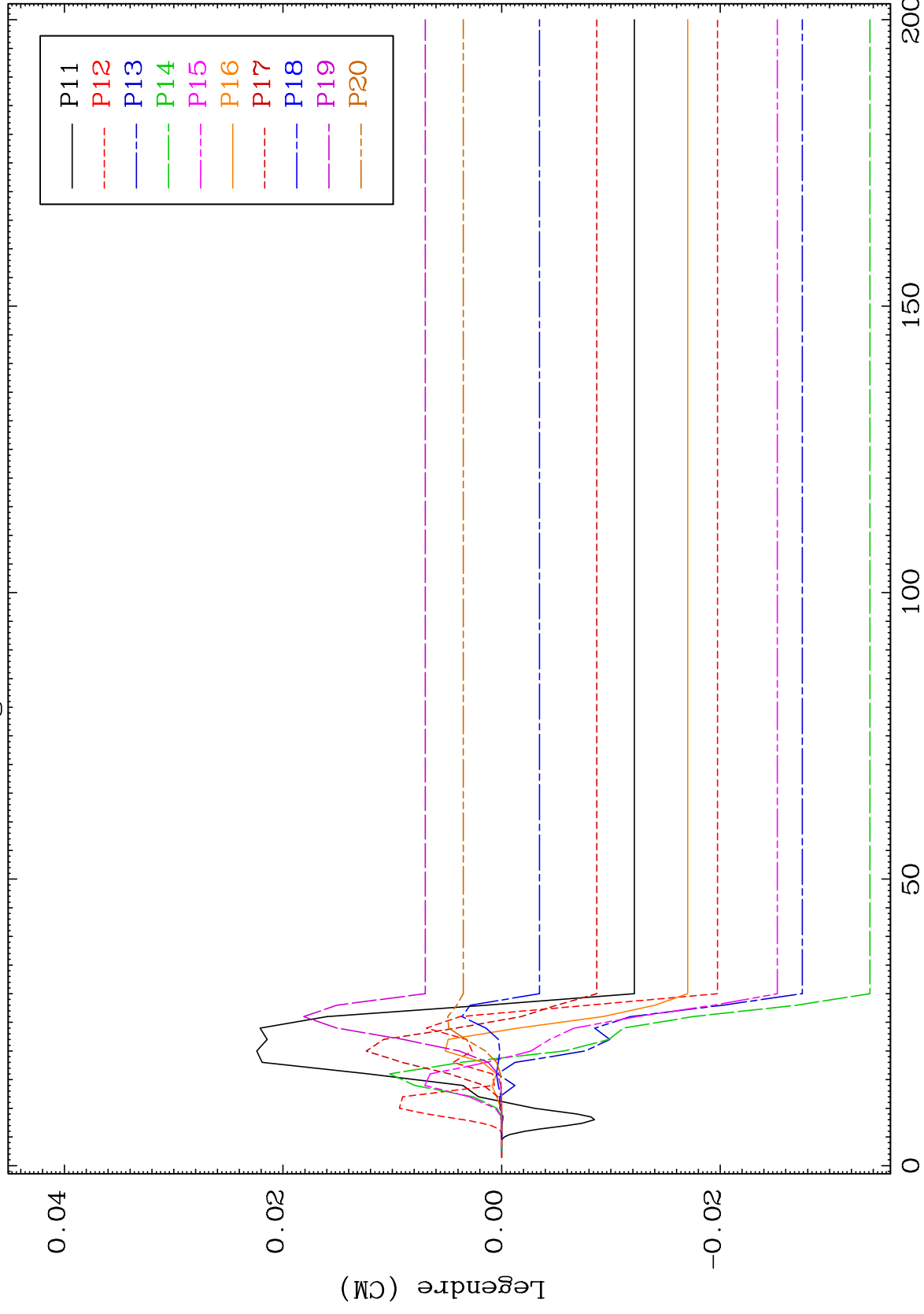
85-At-205



MAT 8531

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

85-At-205



46

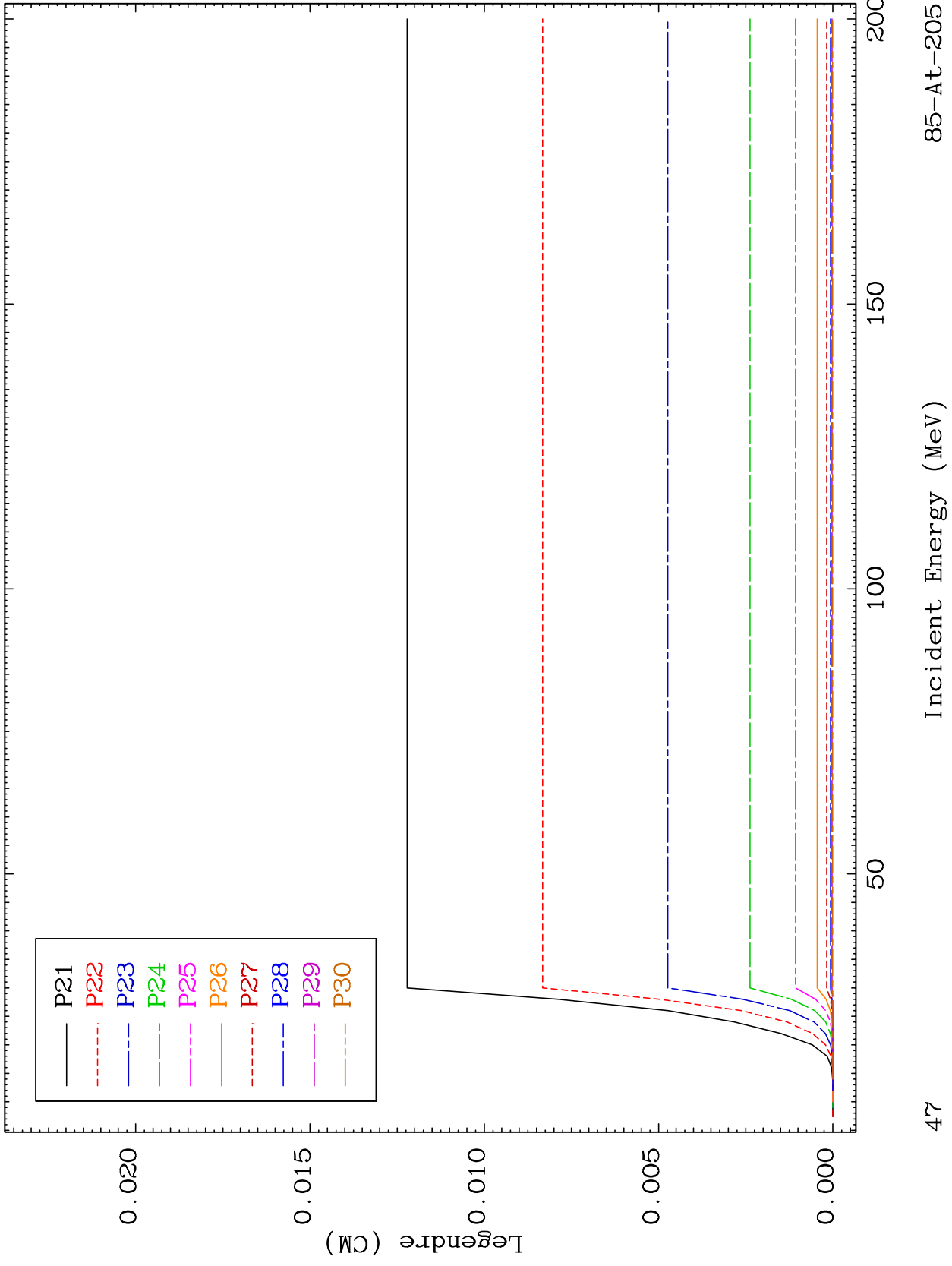
Incident Energy (MeV)

85-At-205

MAT 8531

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

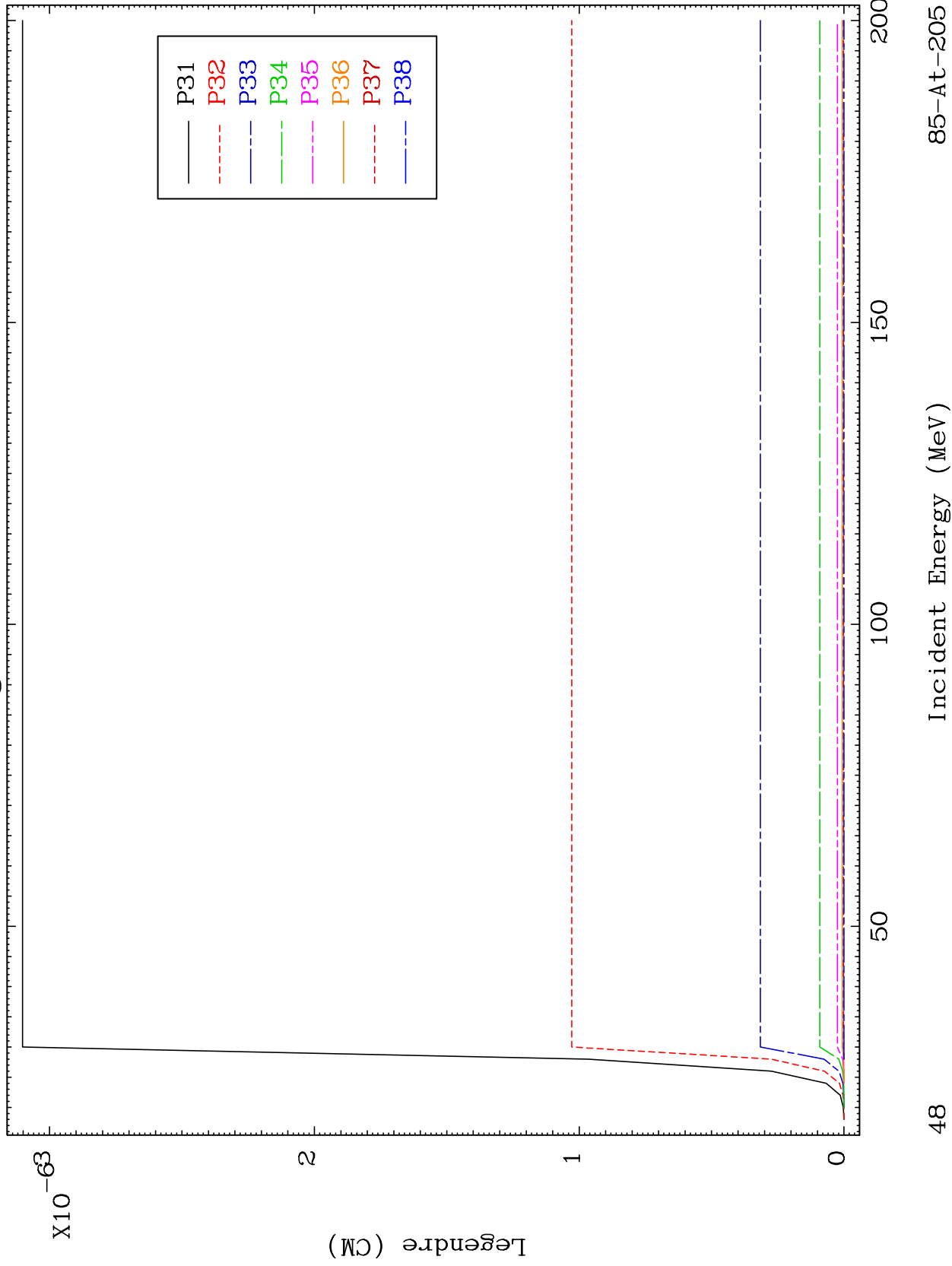
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MAT 8531

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

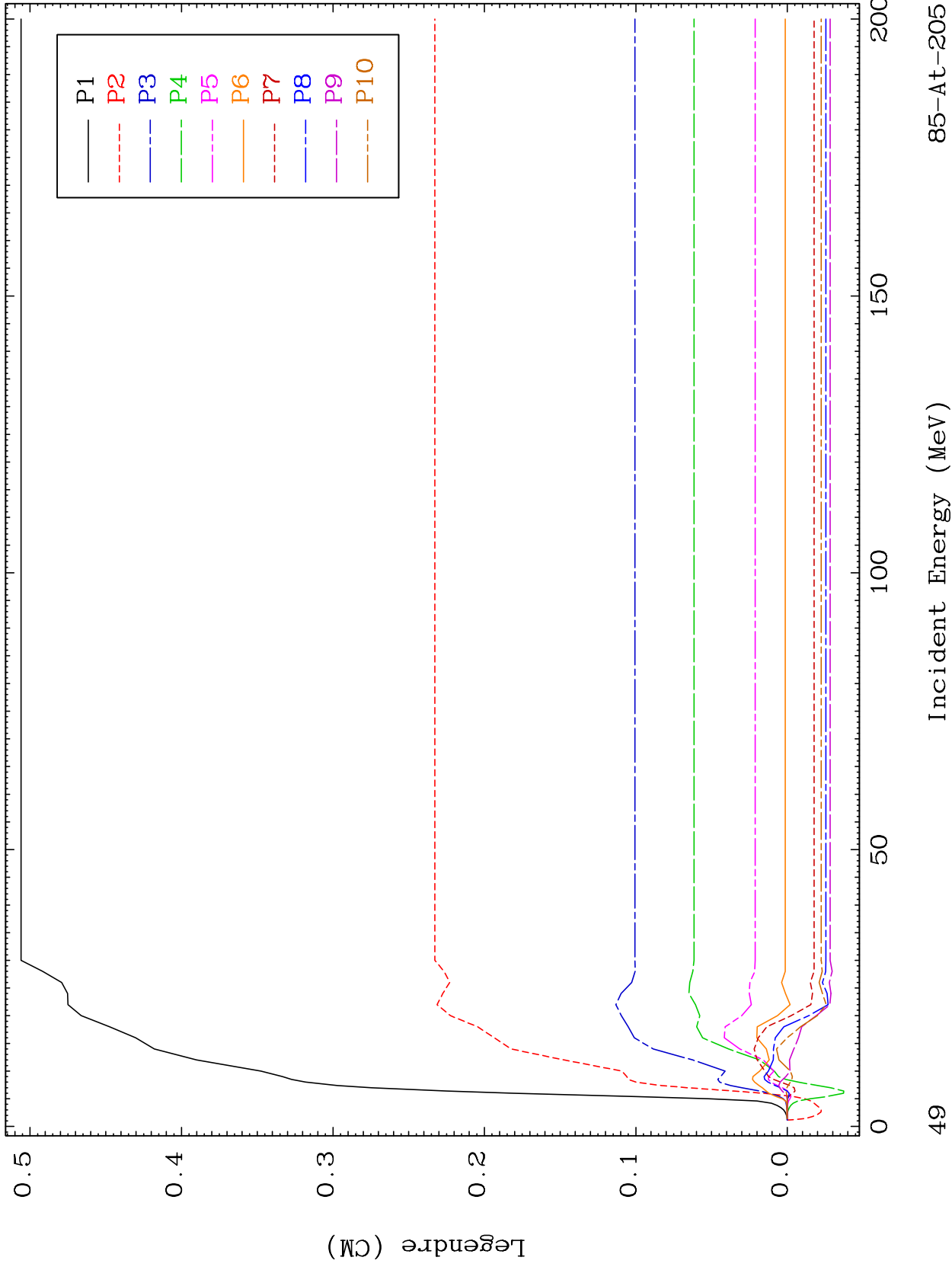
85-At-205



MAT 8531

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

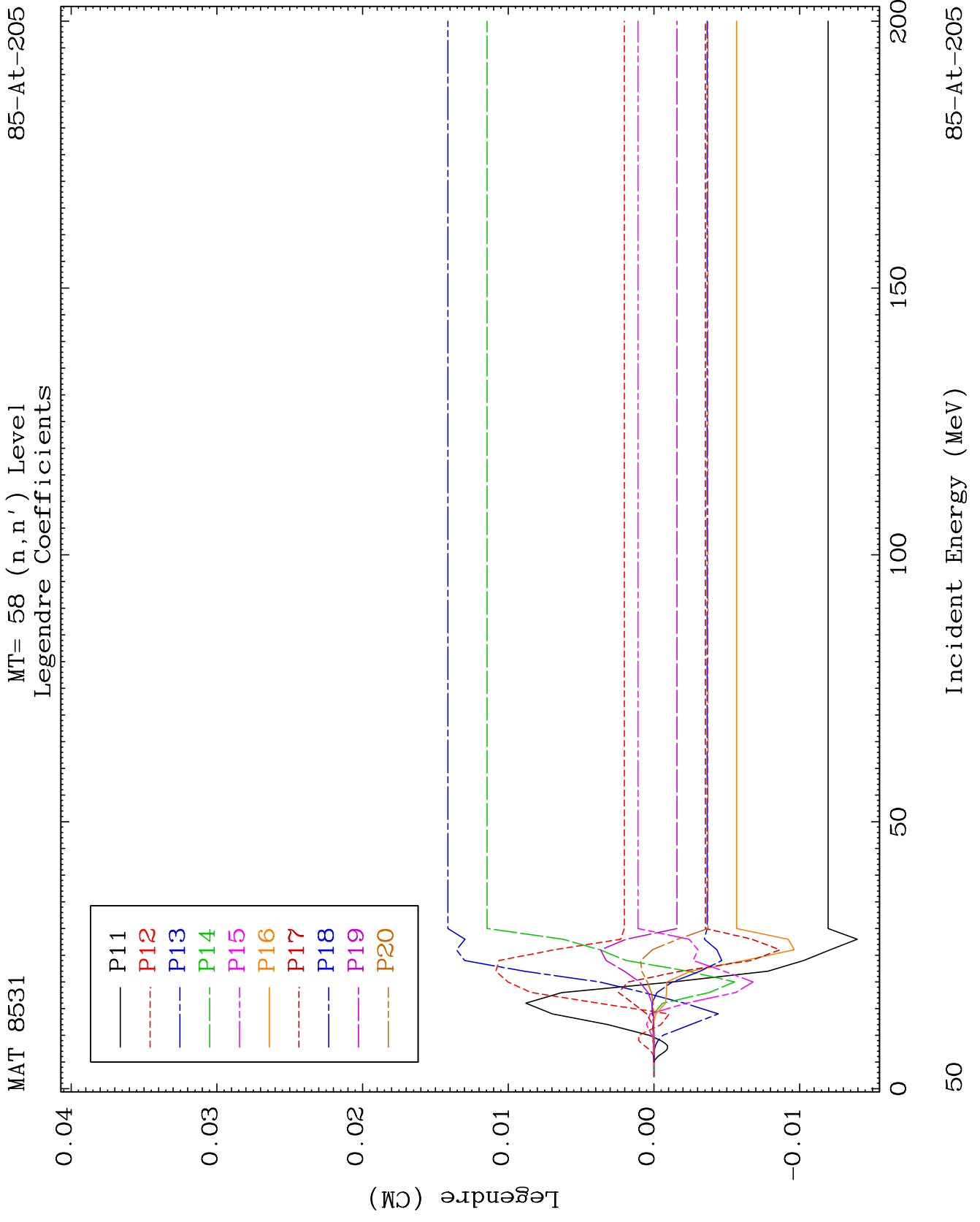
85-At-205



85-At-205

Incident Energy (MeV)

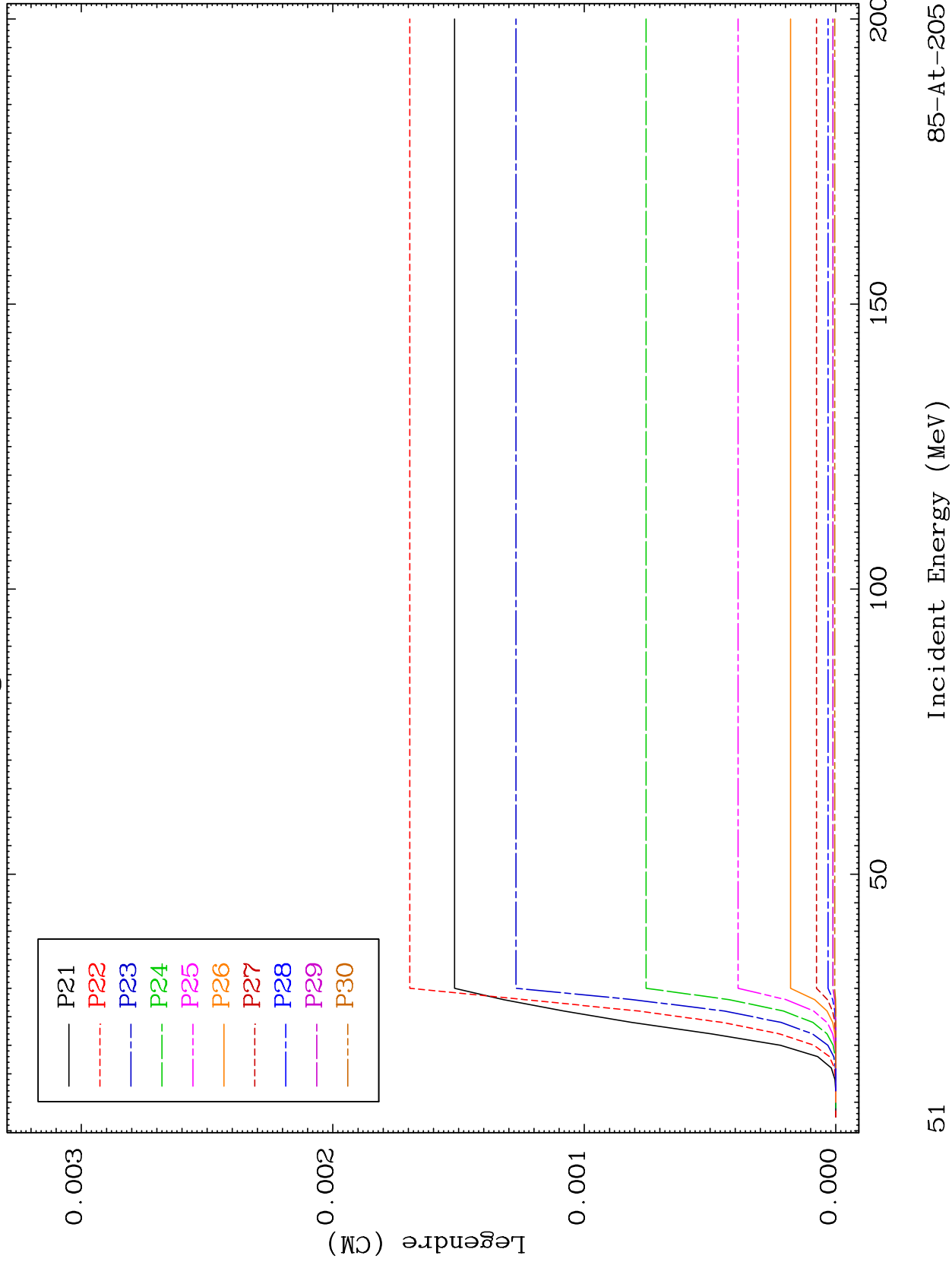
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MAT 8531

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

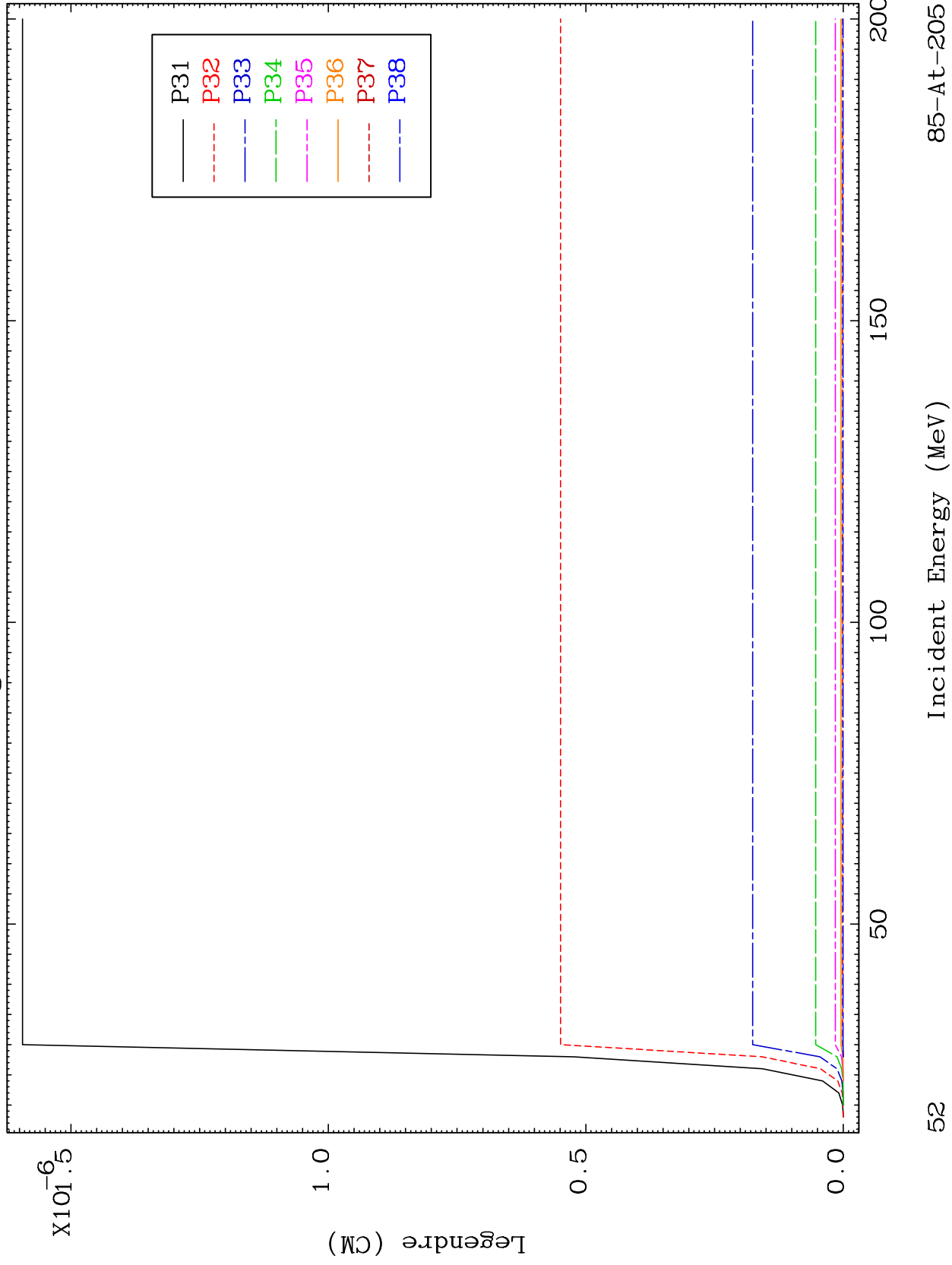
85-At-205



MAT 8531

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

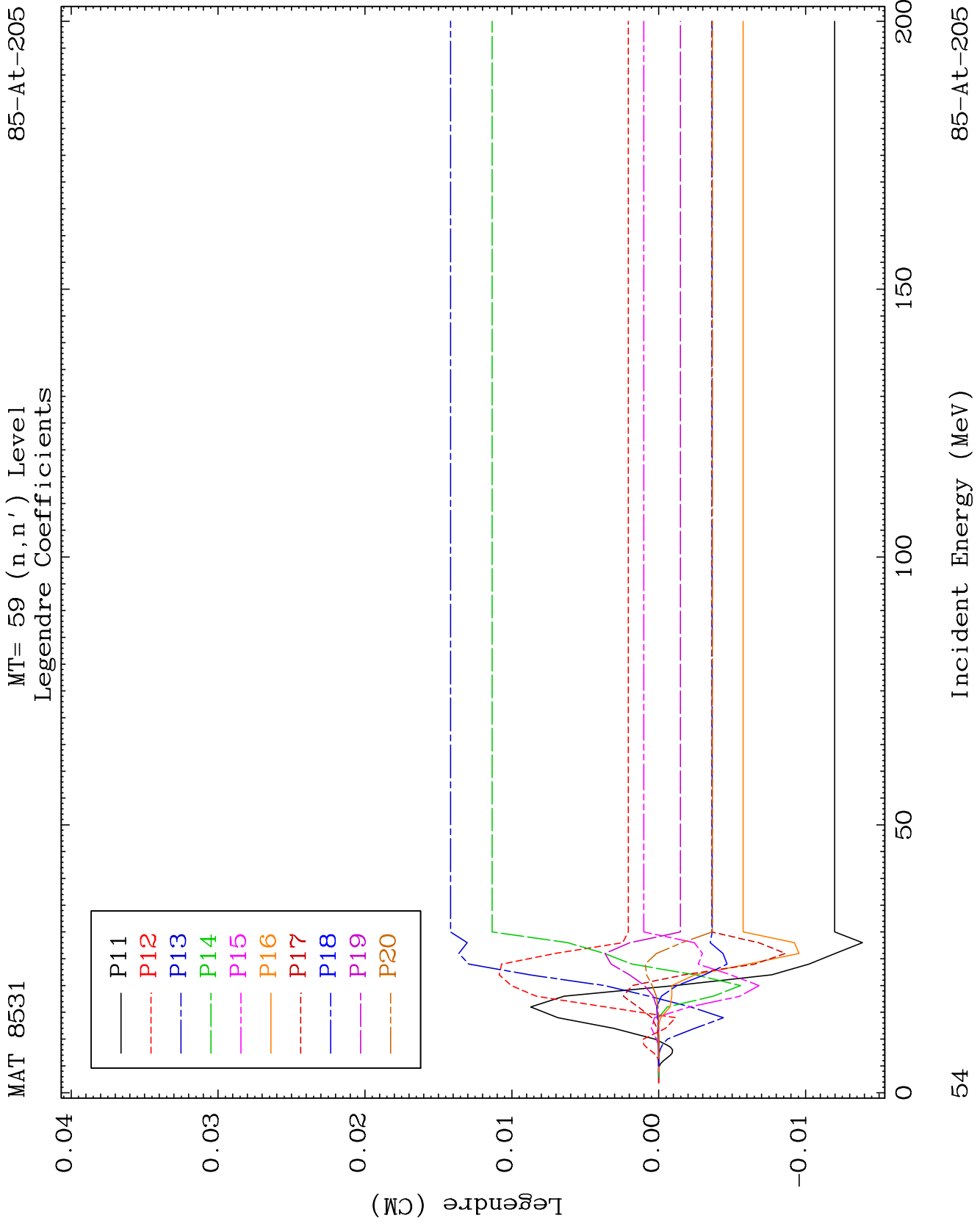
85-At-205



52

Incident Energy (MeV)

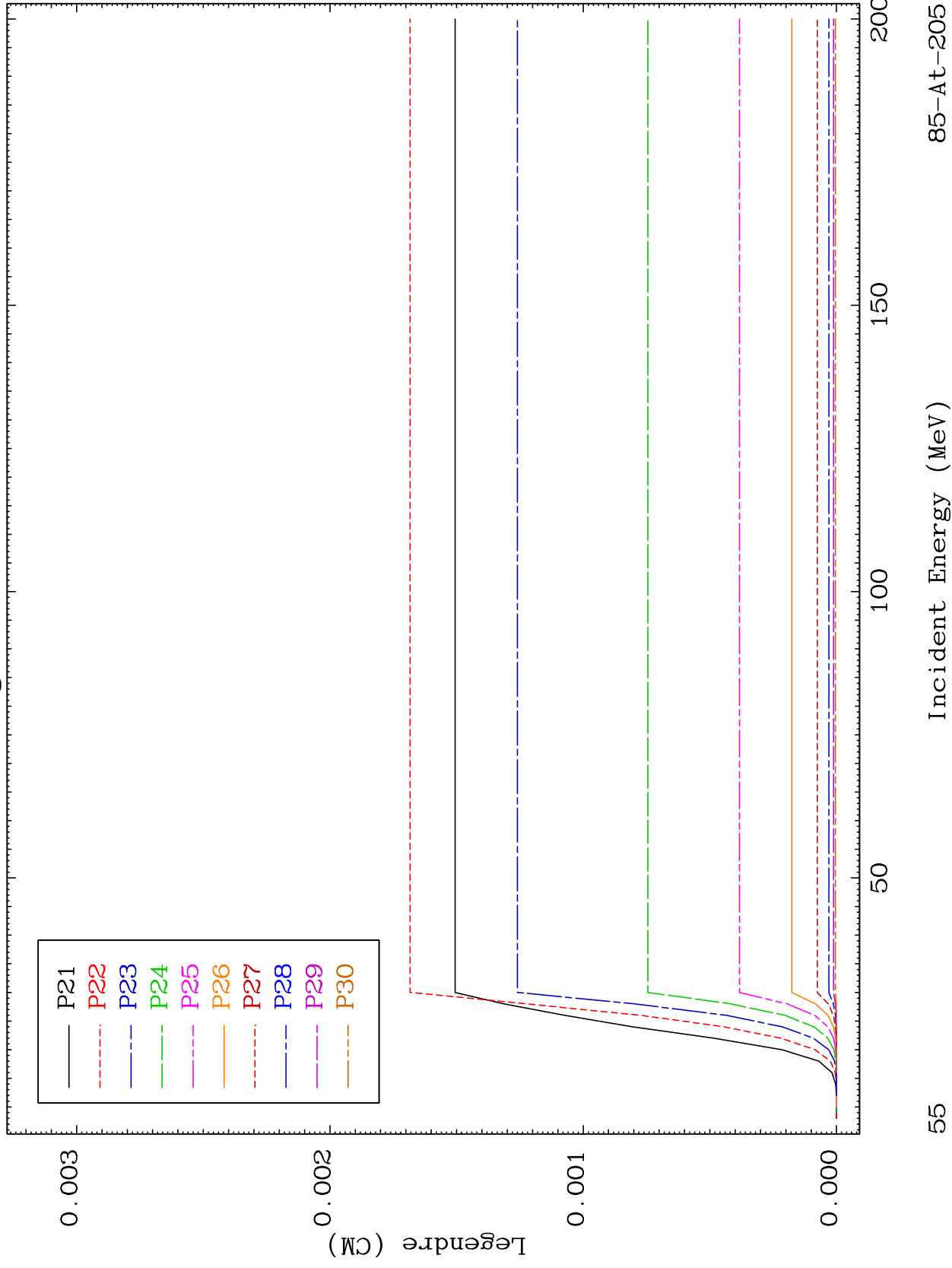
85-At-205



MAT 8531

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

85-At-205



55

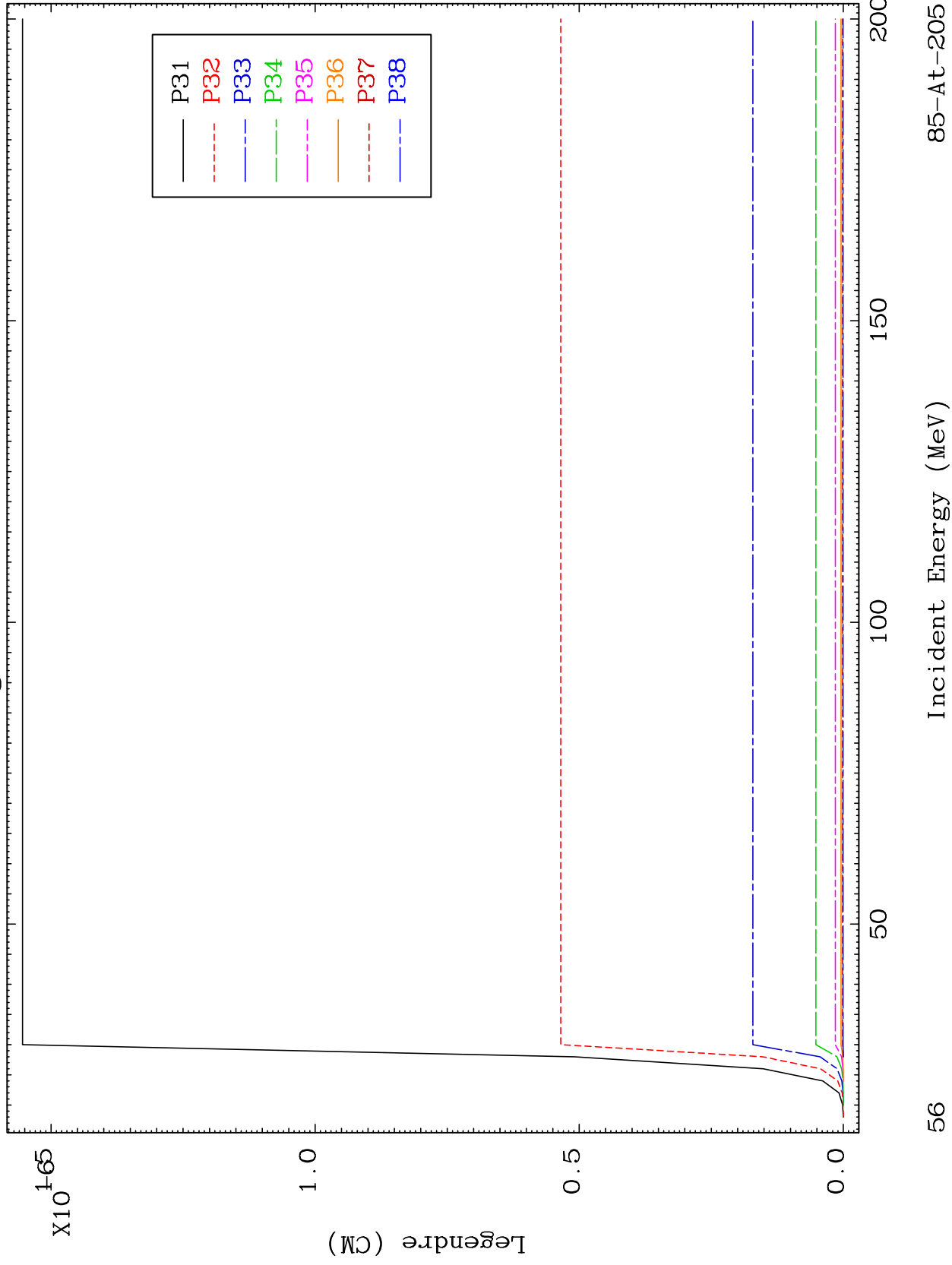
Incident Energy (MeV)

85-At-205

MAT 8531

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

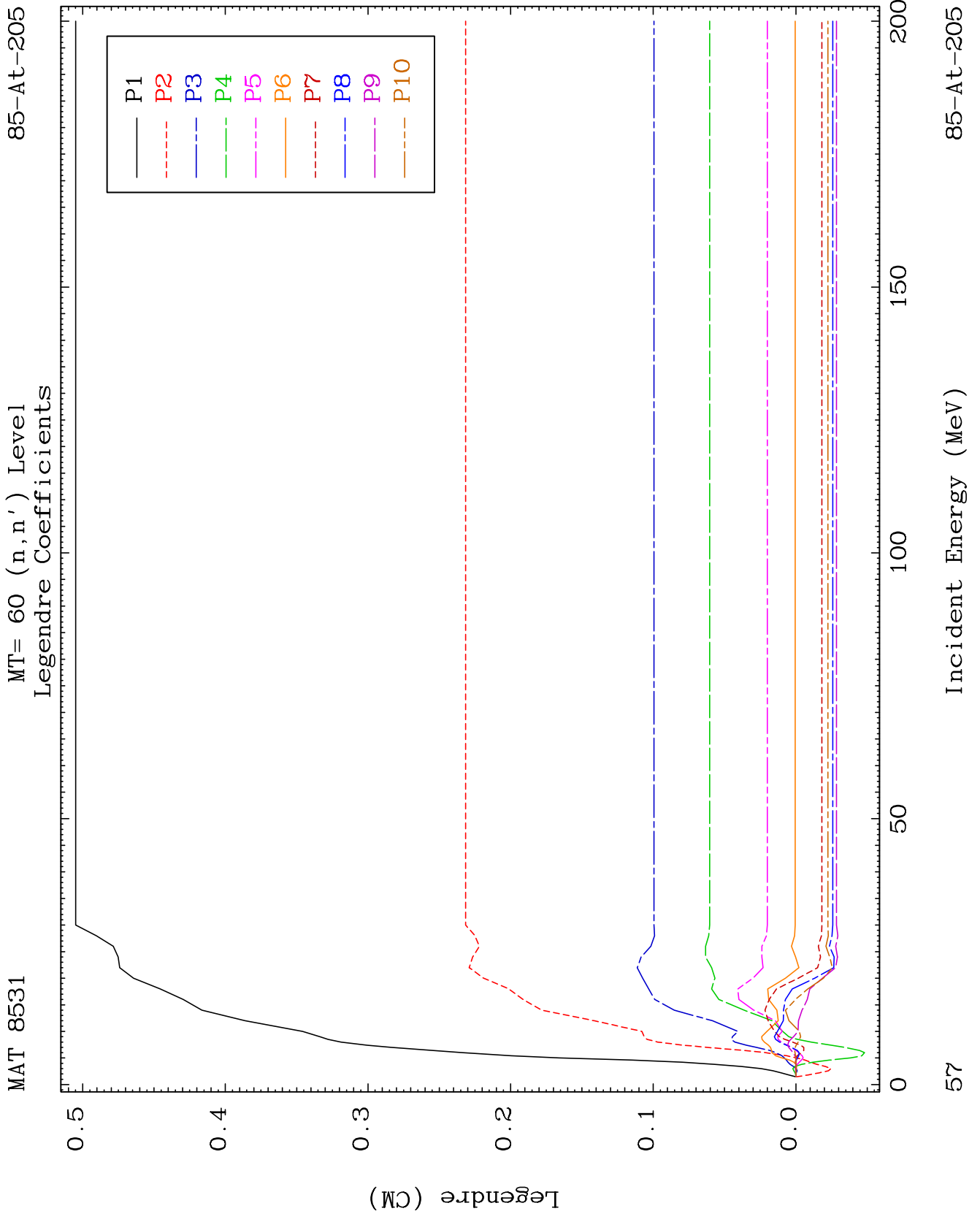
85-At-205



56

Incident Energy (MeV)

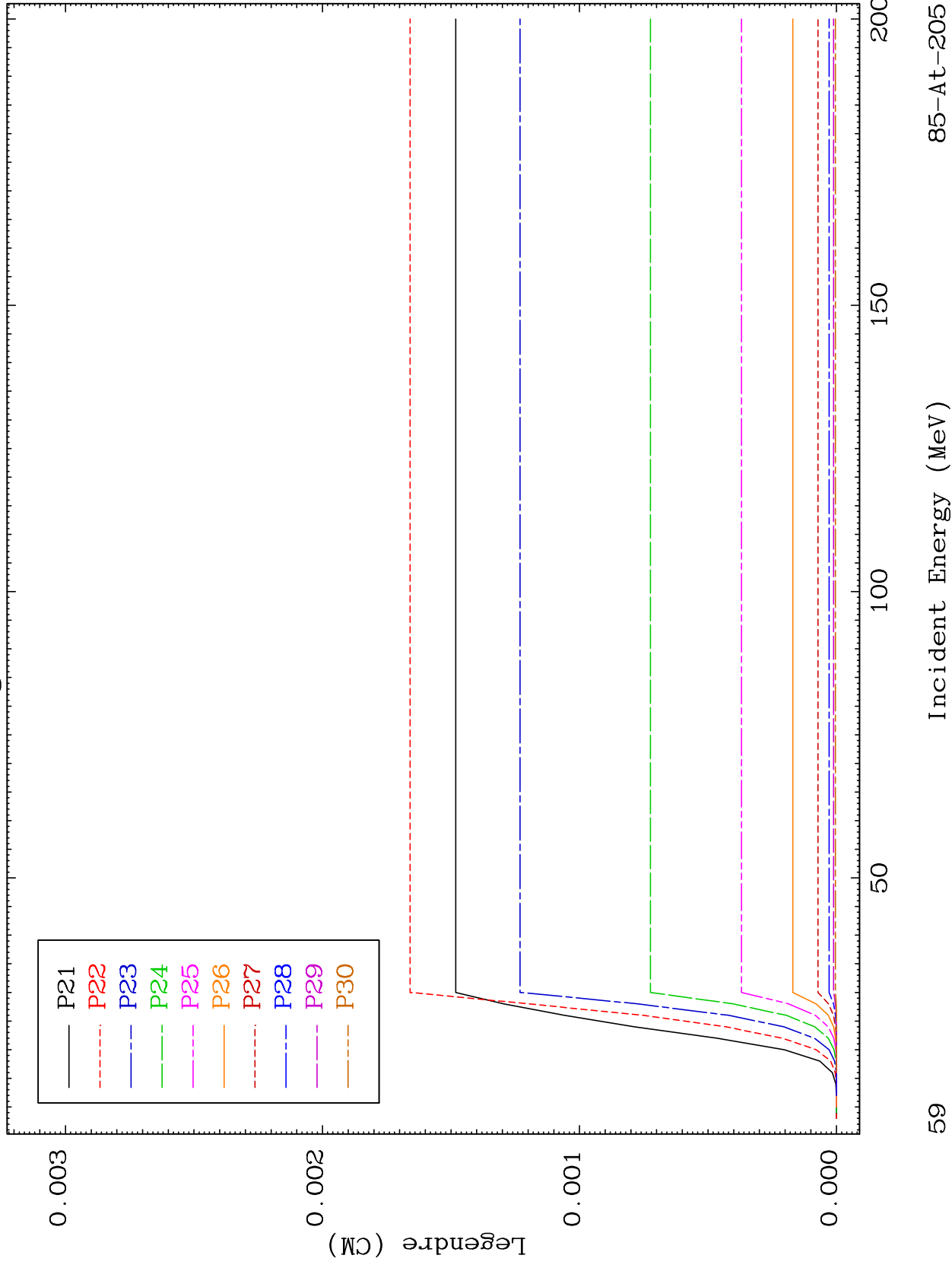
85-At-205



MAT 8531

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

85-At-205



59

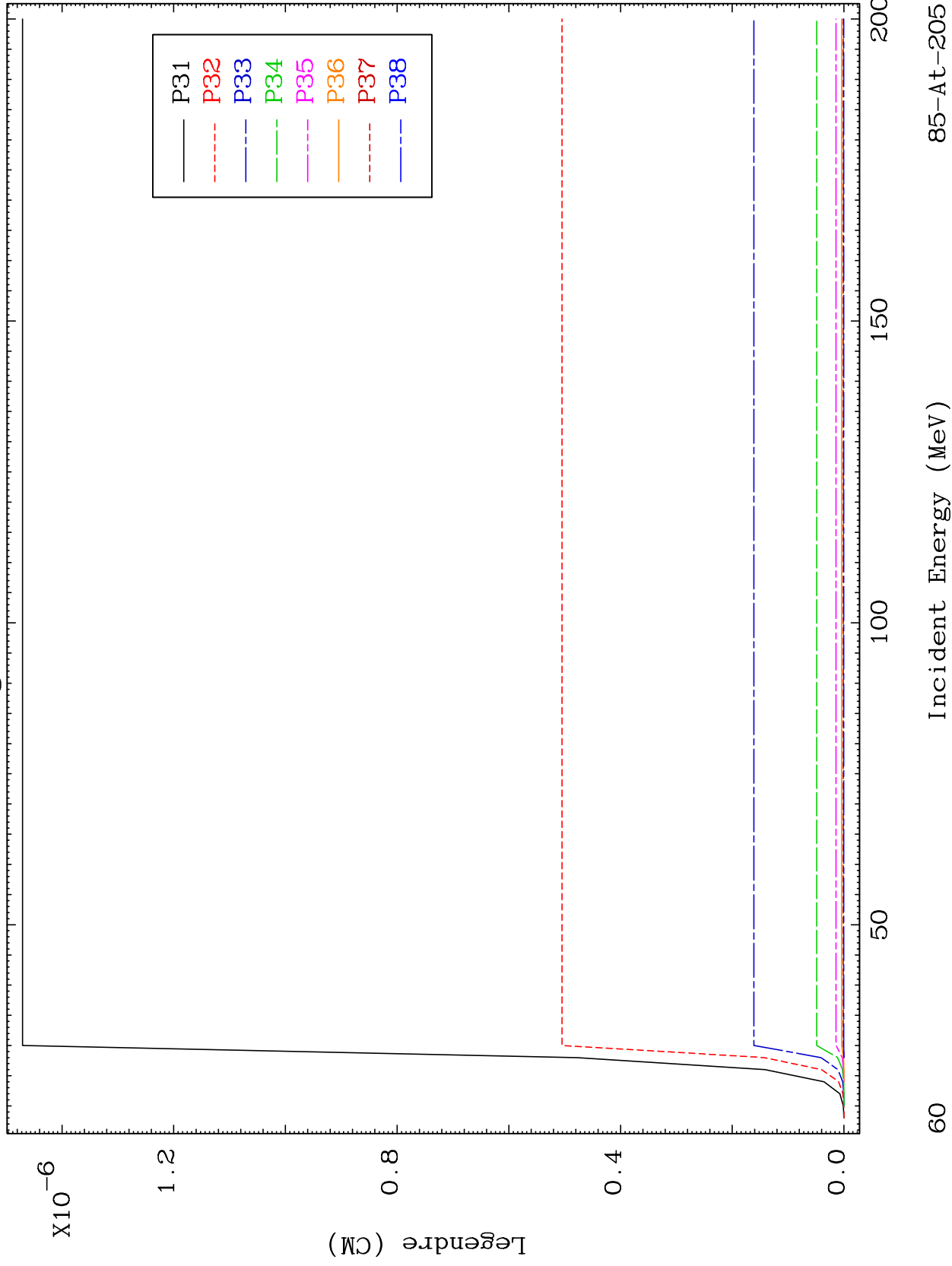
Incident Energy (MeV)

85-At-205

MAT 8531

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

85-At-205

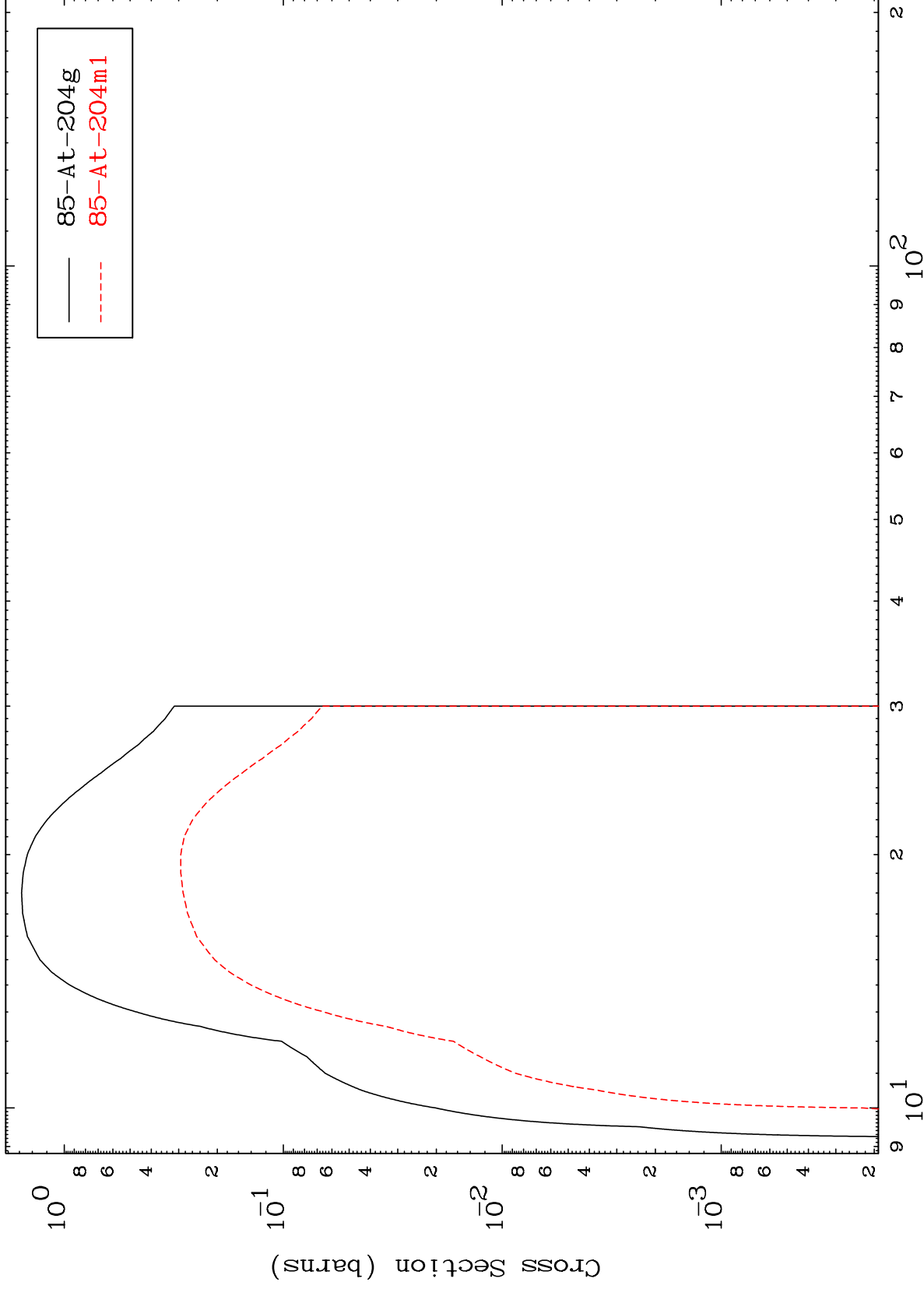


MAT 8531

(n,2n)

85-At-205

Radionuclide Production Cross Section



61

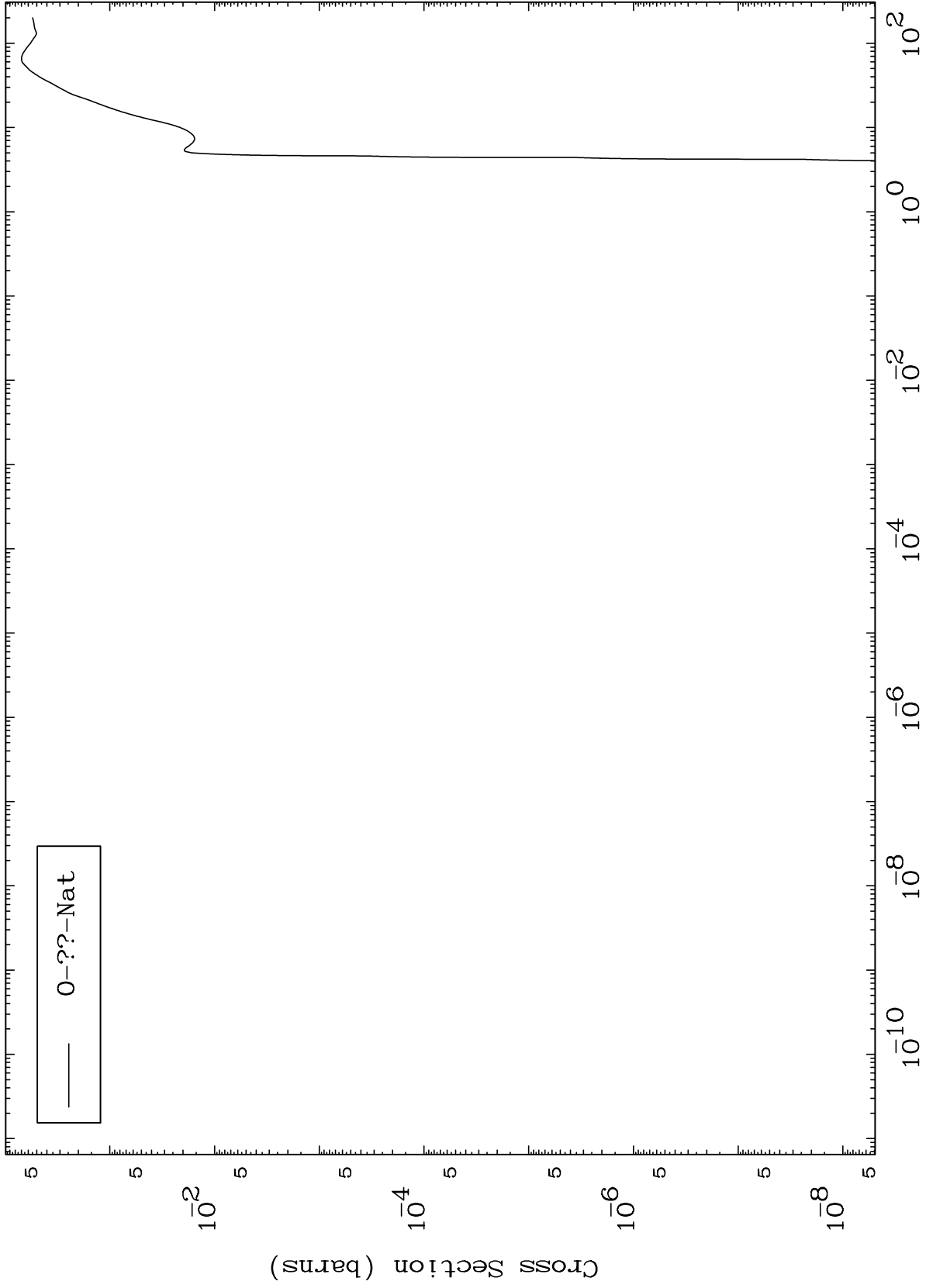
Incident Energy (MeV)

85-At-205

MAT 8531

Fission
Radionuclide Production Cross Section

85-At-205



62

Incident Energy (MeV)

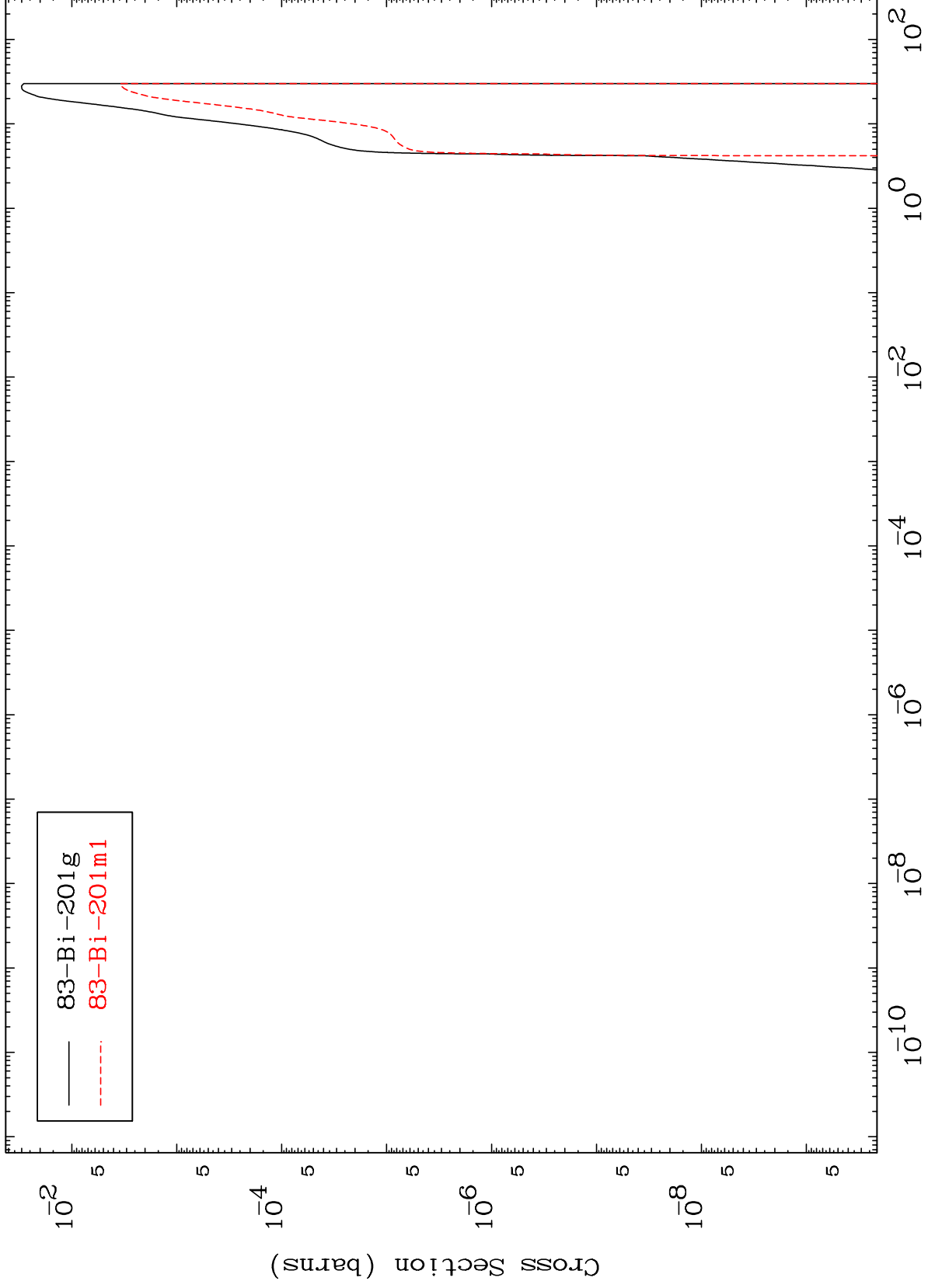
85-At-205

MAT 8531

(n,n') α

85-At-205

Radionuclide Production Cross Section



63

Incident Energy (MeV)

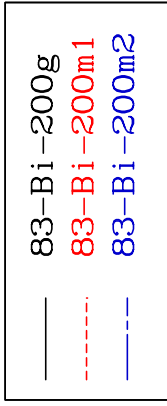
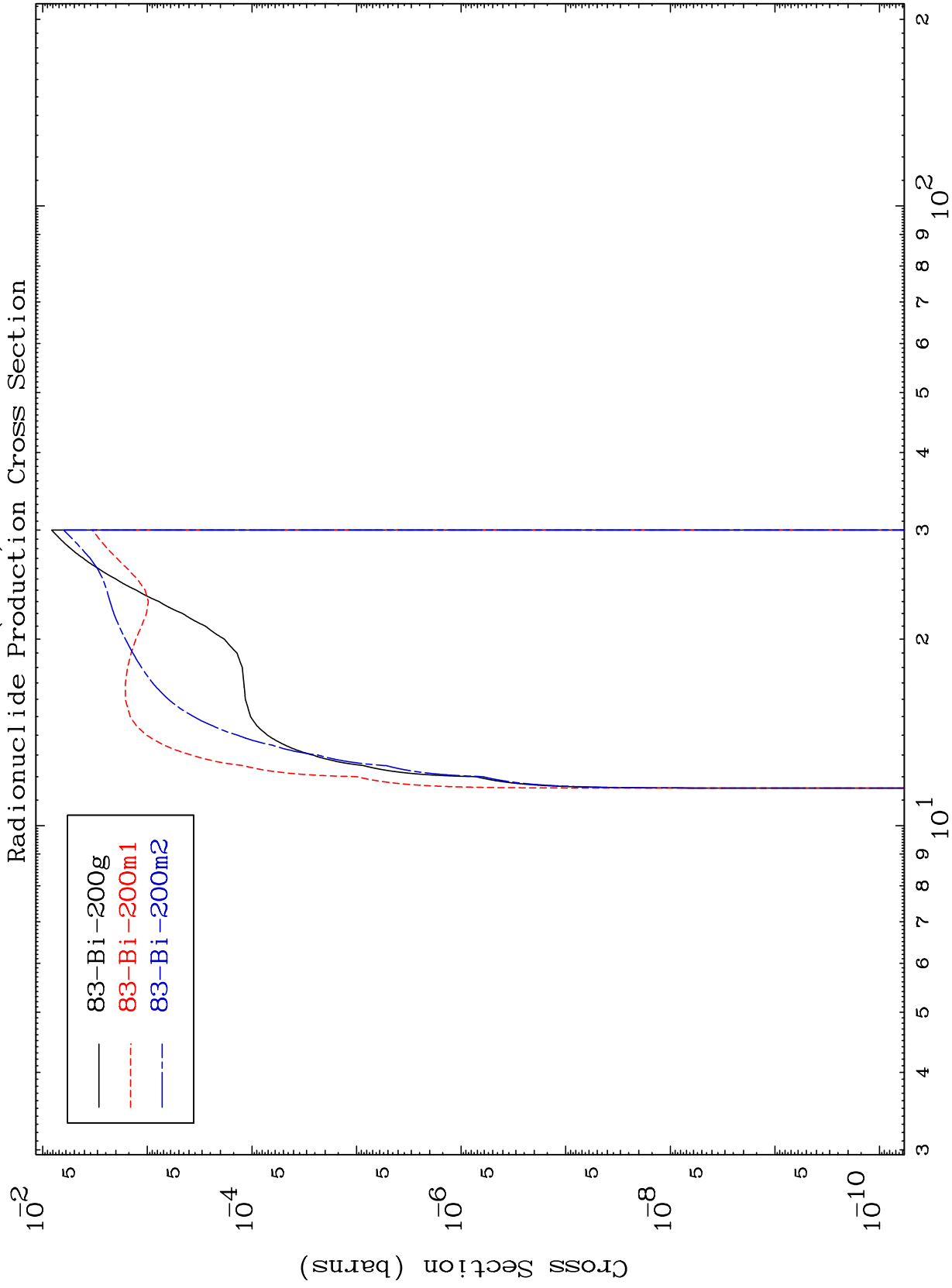
85-At-205

MAT 8531

85-At-205

(n,2n) α

Radionuclide Production Cross Section



64

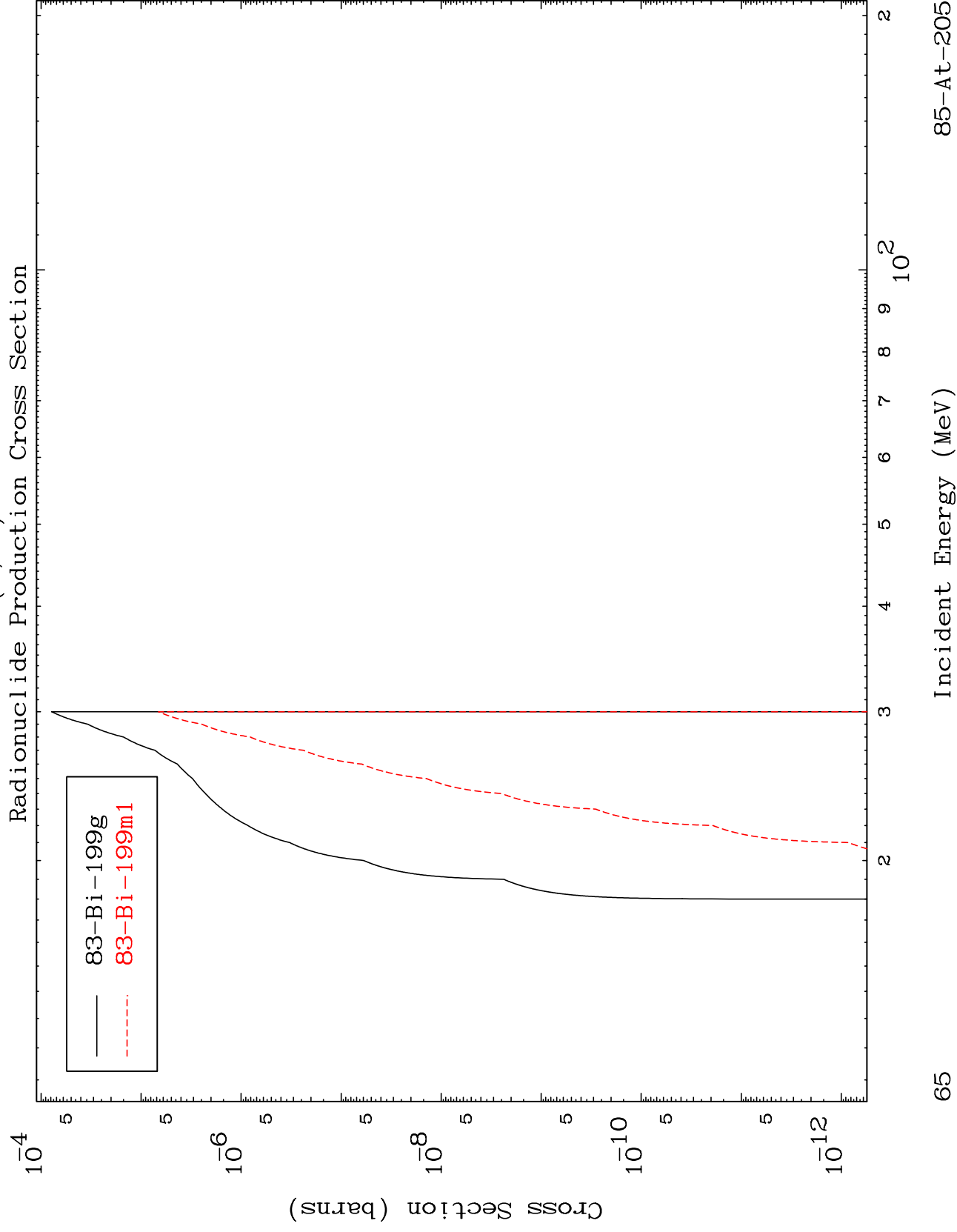
Incident Energy (MeV)

85-At-205

MAT 8531

(n,3n) α

85-At-205



65

Incident Energy (MeV)

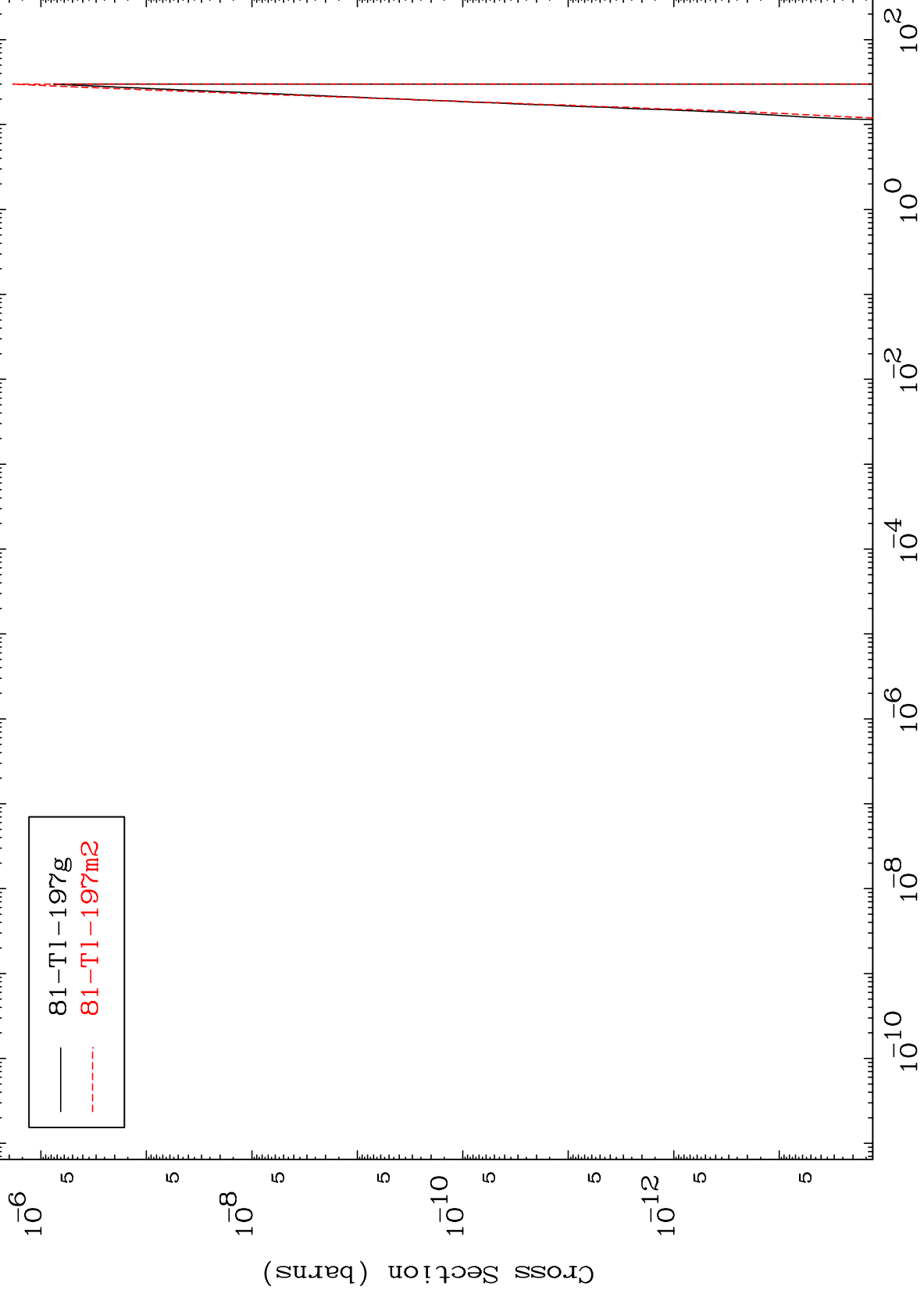
85-At-205

MAT 8531

(n,n') 2α

85-At-205

Radionuclide Production Cross Section



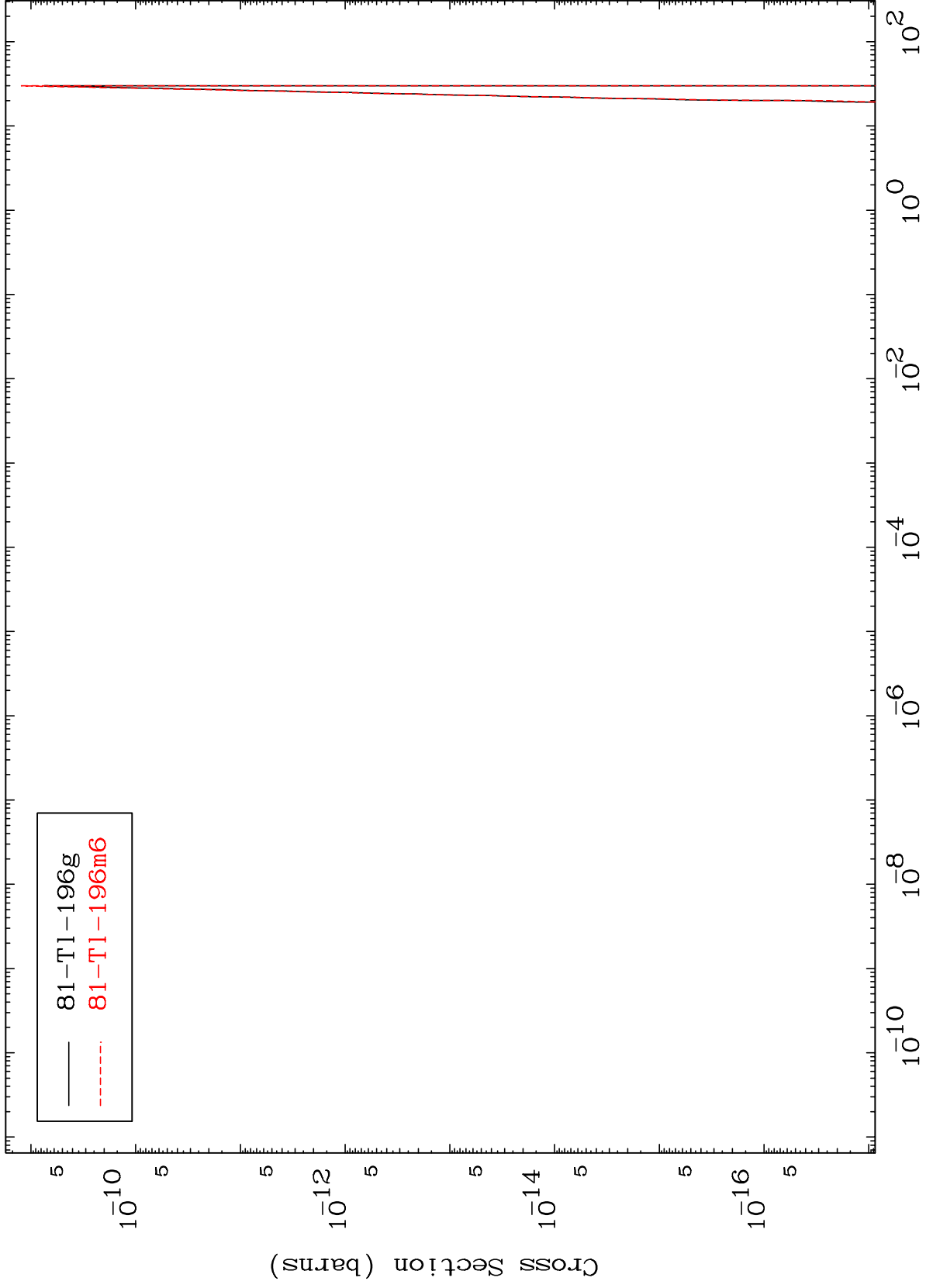
81-Tl-197g
81-Tl-197m2

MAT 8531

(n,2n) 2α

85-At-205

Radionuclide Production Cross Section



67

Incident Energy (MeV)

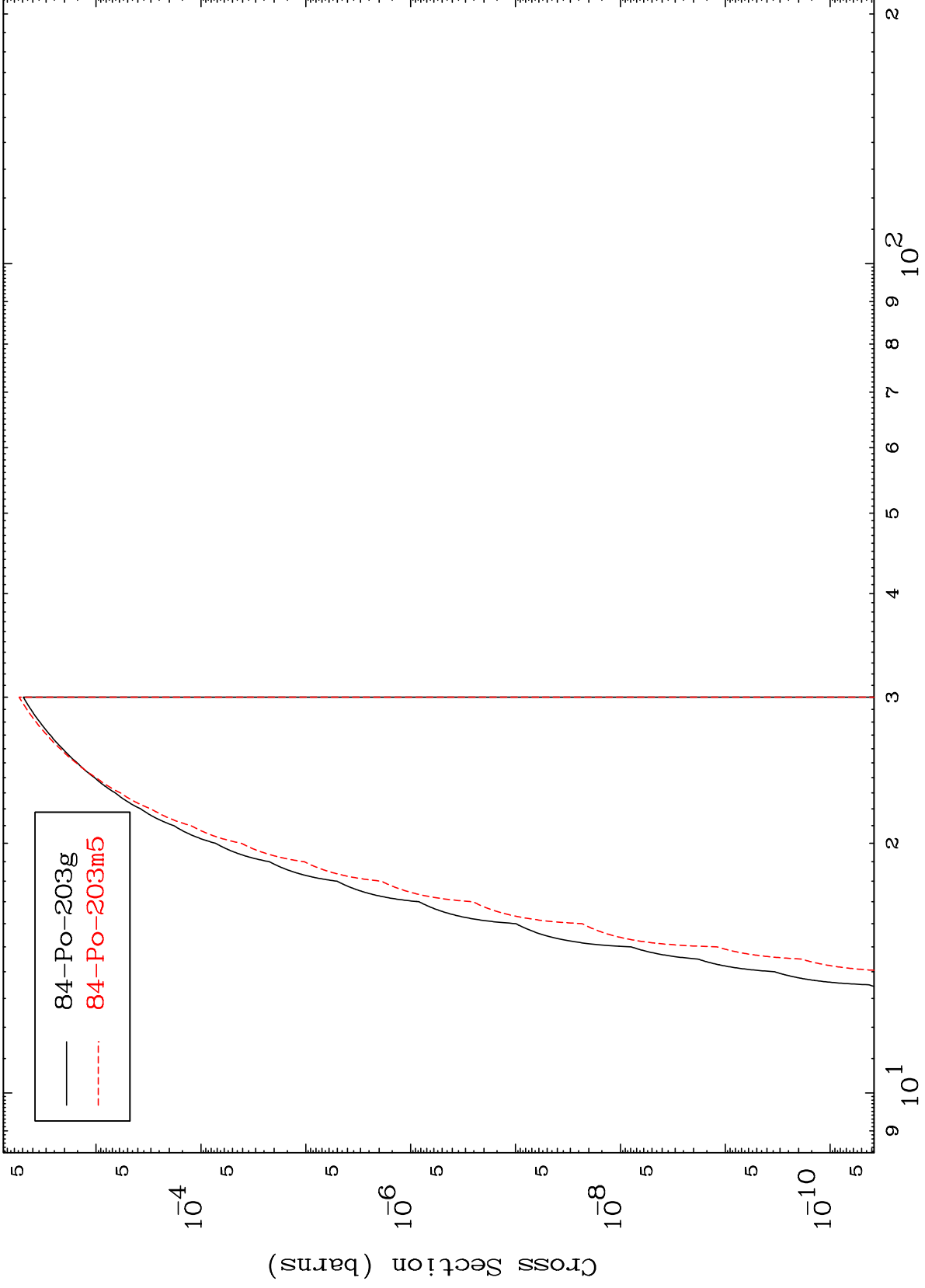
85-At-205

MAT 8531

(n,n') d

85-At-205

Radionuclide Production Cross Section



84-Po-203g
84-Po-203m5

68

Incident Energy (MeV)

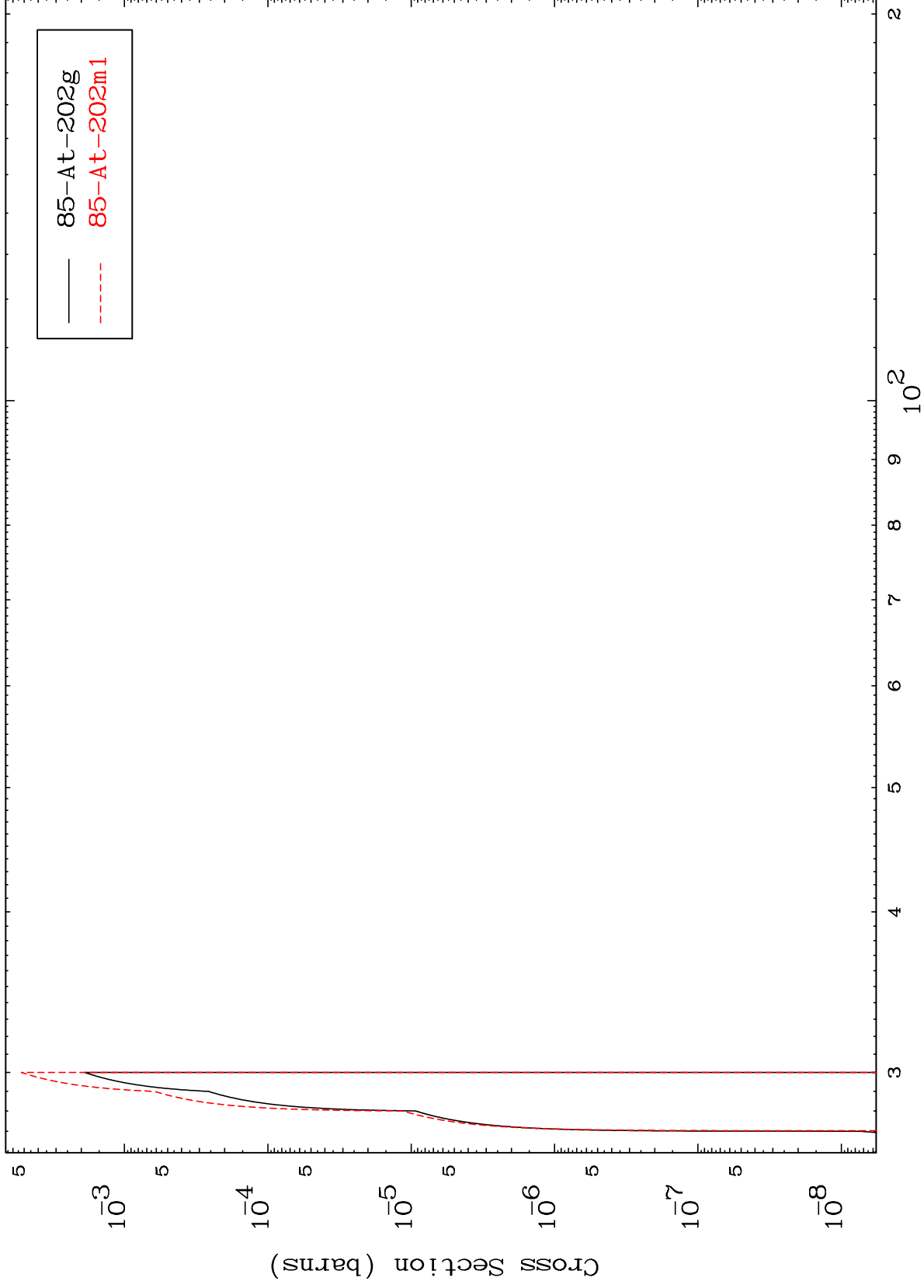
85-At-205

MAT 8531

(n,4n)

85-At-205

Radionuclide Production Cross Section



69

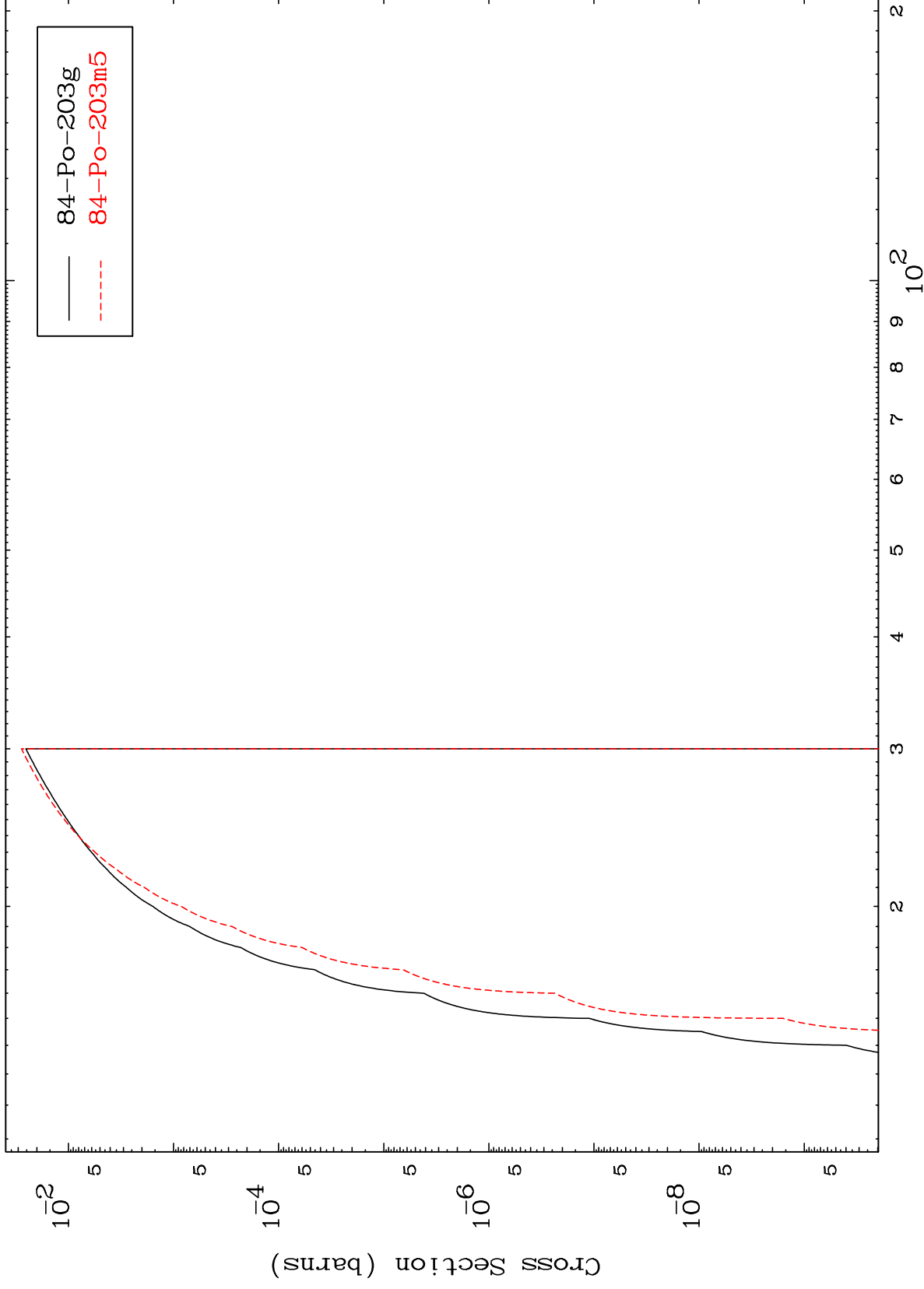
Incident Energy (MeV)

85-At-205

MAT 8531

85-At-205

(n,2n) p
Radionuclide Production Cross Section



70

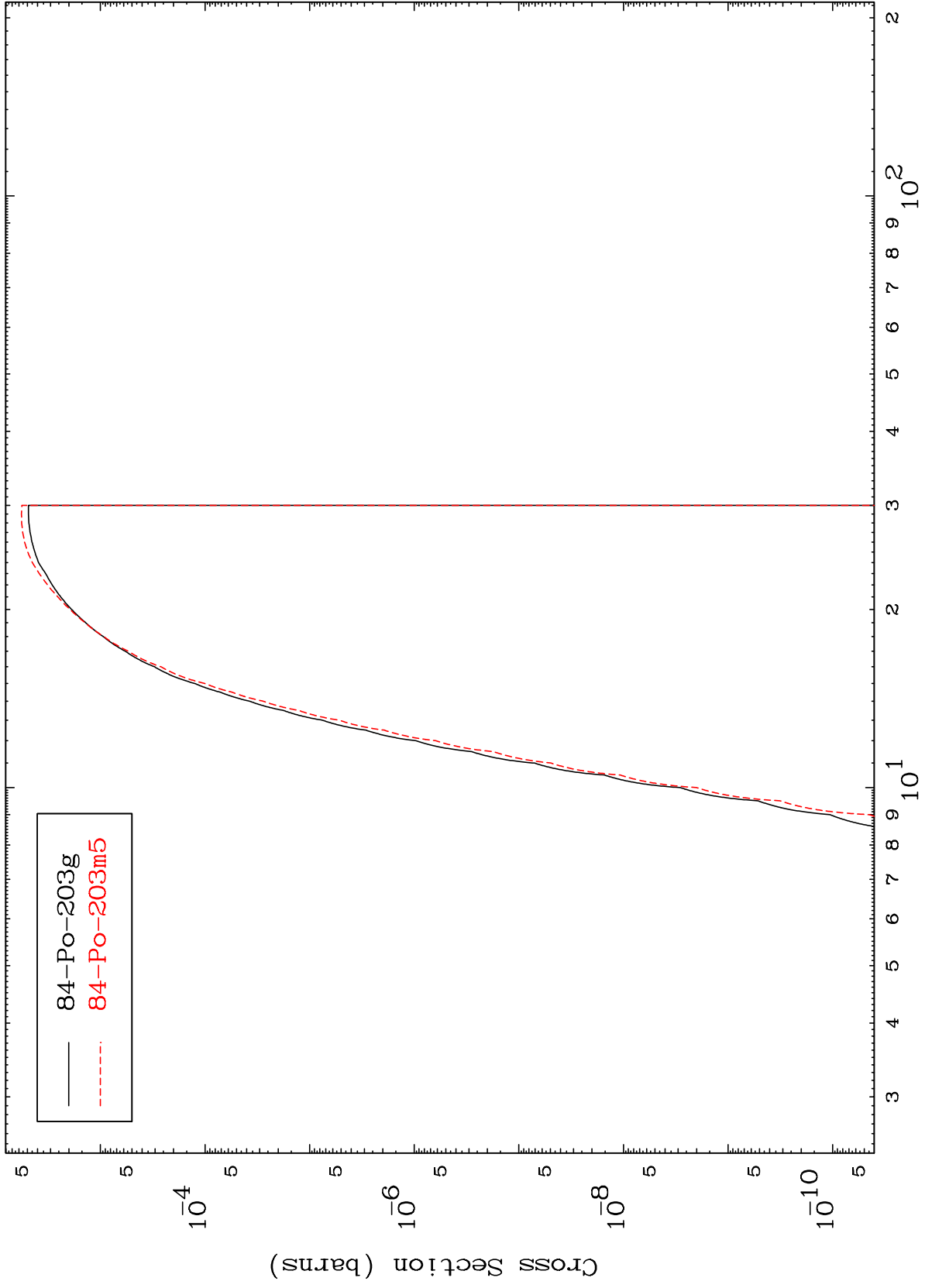
Incident Energy (MeV)

85-At-205

MAT 8531

85-At-205

(n, t)
Radionuclide Production Cross Section



71

Incident Energy (MeV)

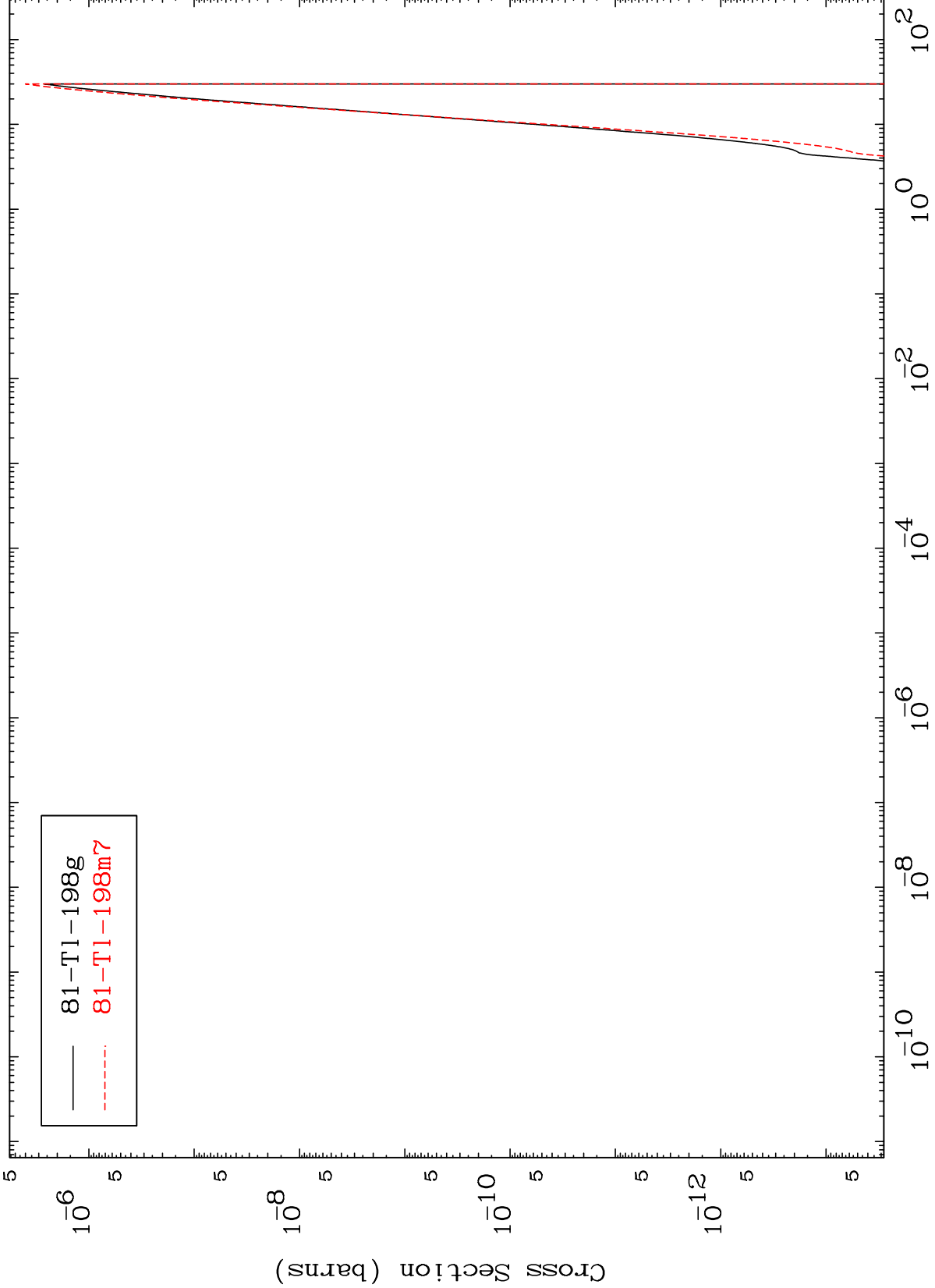
85-At-205

MAT 8531

(n,2α)

85-At-205

Radionuclide Production Cross Section



81-Tl-198g
81-Tl-198m7

Incident Energy (MeV)

85-At-205

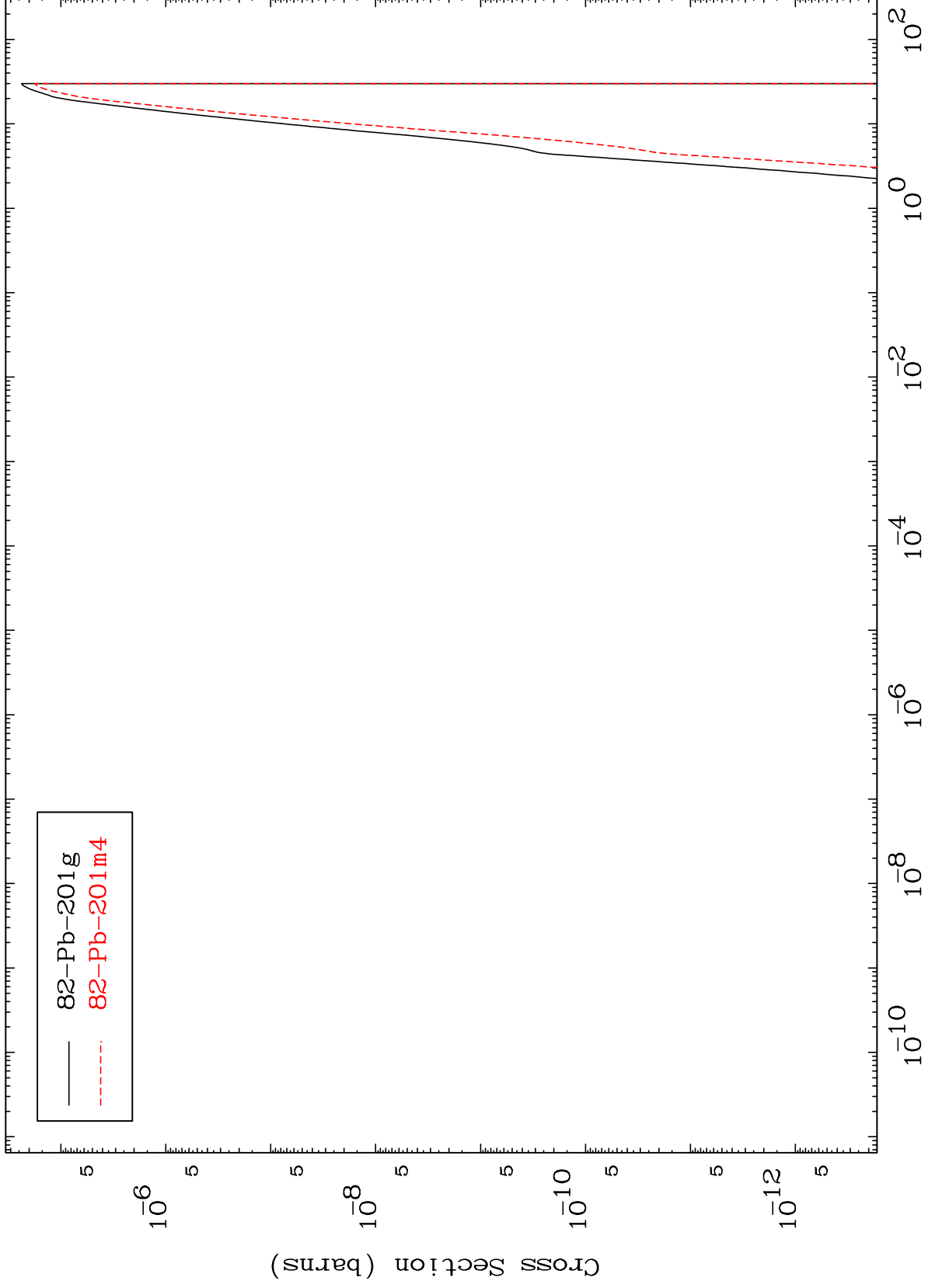
72

MAT 8531

(n,p) α

85-At-205

Radionuclide Production Cross Section



73

Incident Energy (MeV)

85-At-205