

Program EVALPLOT
(Version 2015-2)

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
Web:home.comcast.net/~redcullen1

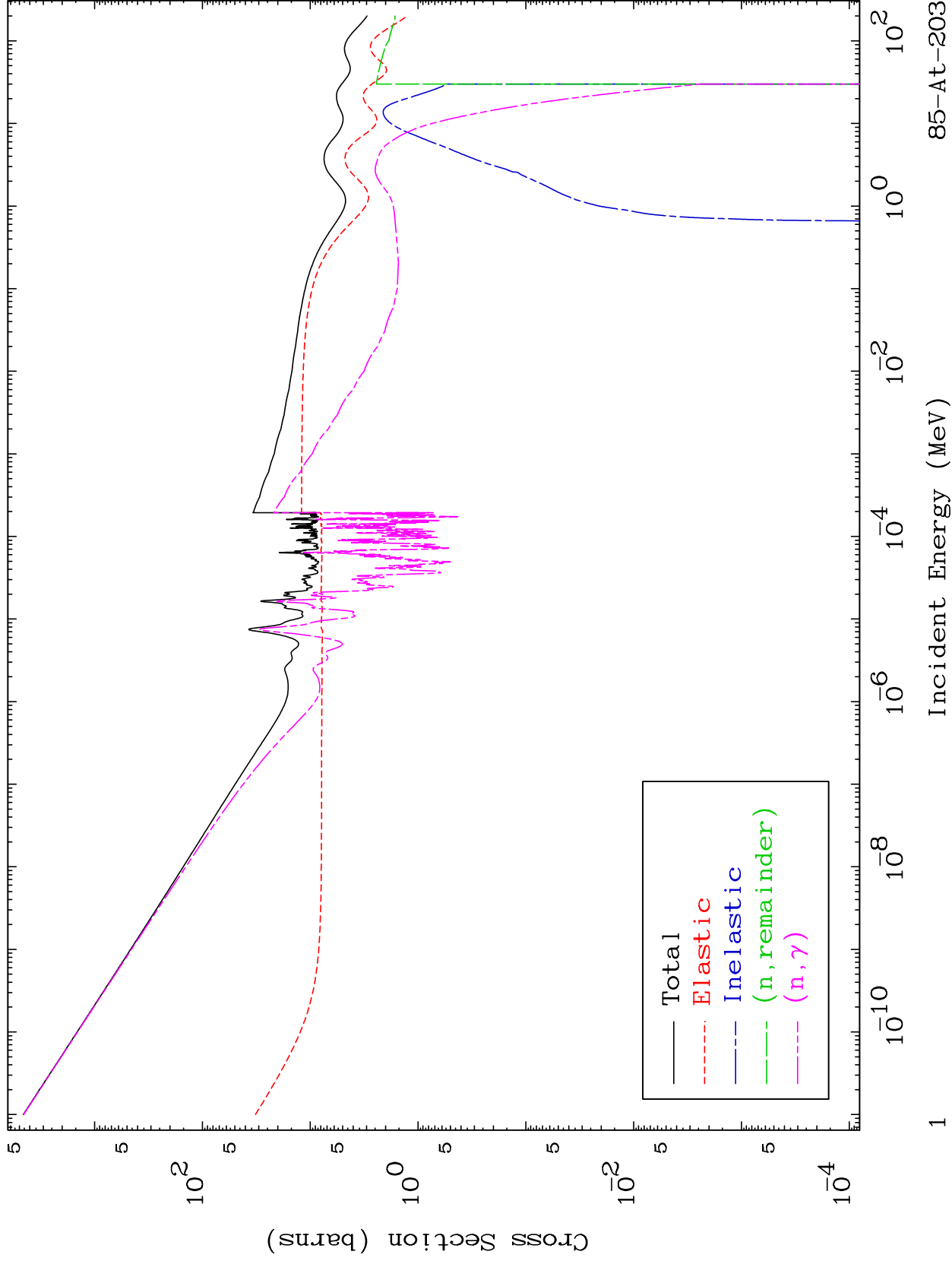
Press Mouse Button to Start

MAT 8525

Major

293 Kelvin Cross Sections

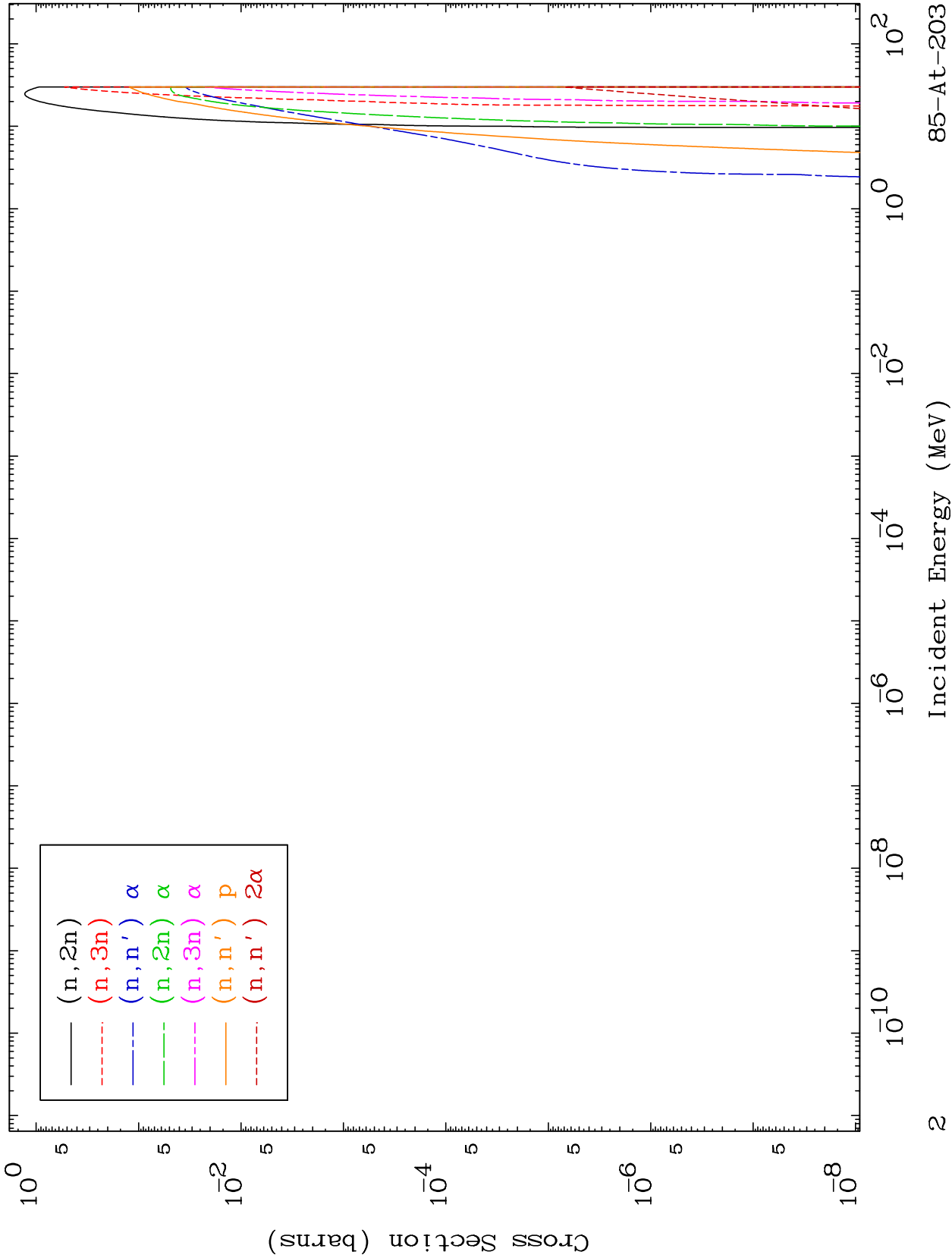
85-At-203



MAT 8525

Neutron Production
293 Kelvin Cross Sections

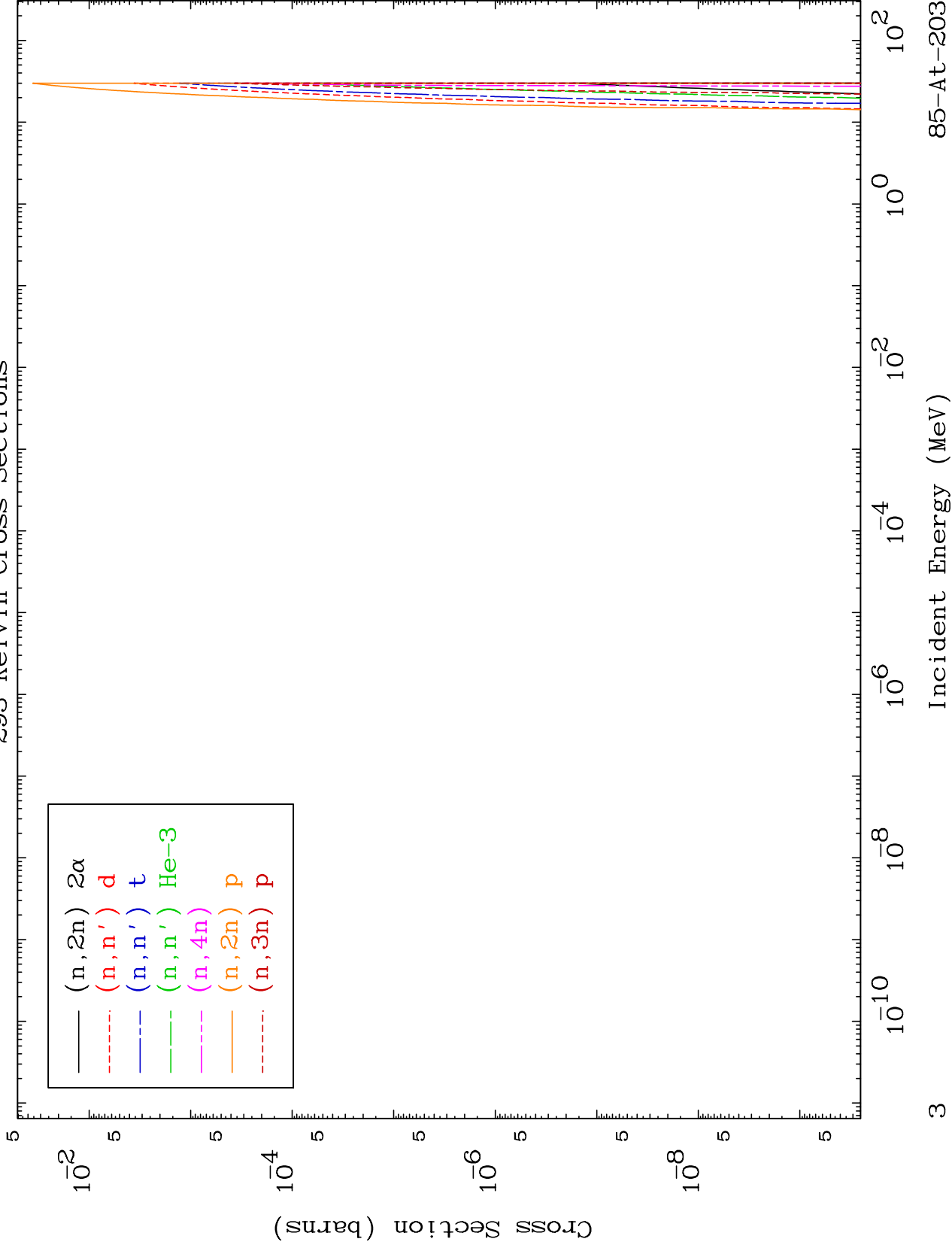
85-At-203



MAT 8525

Neutron Production
293 Kelvin Cross Sections

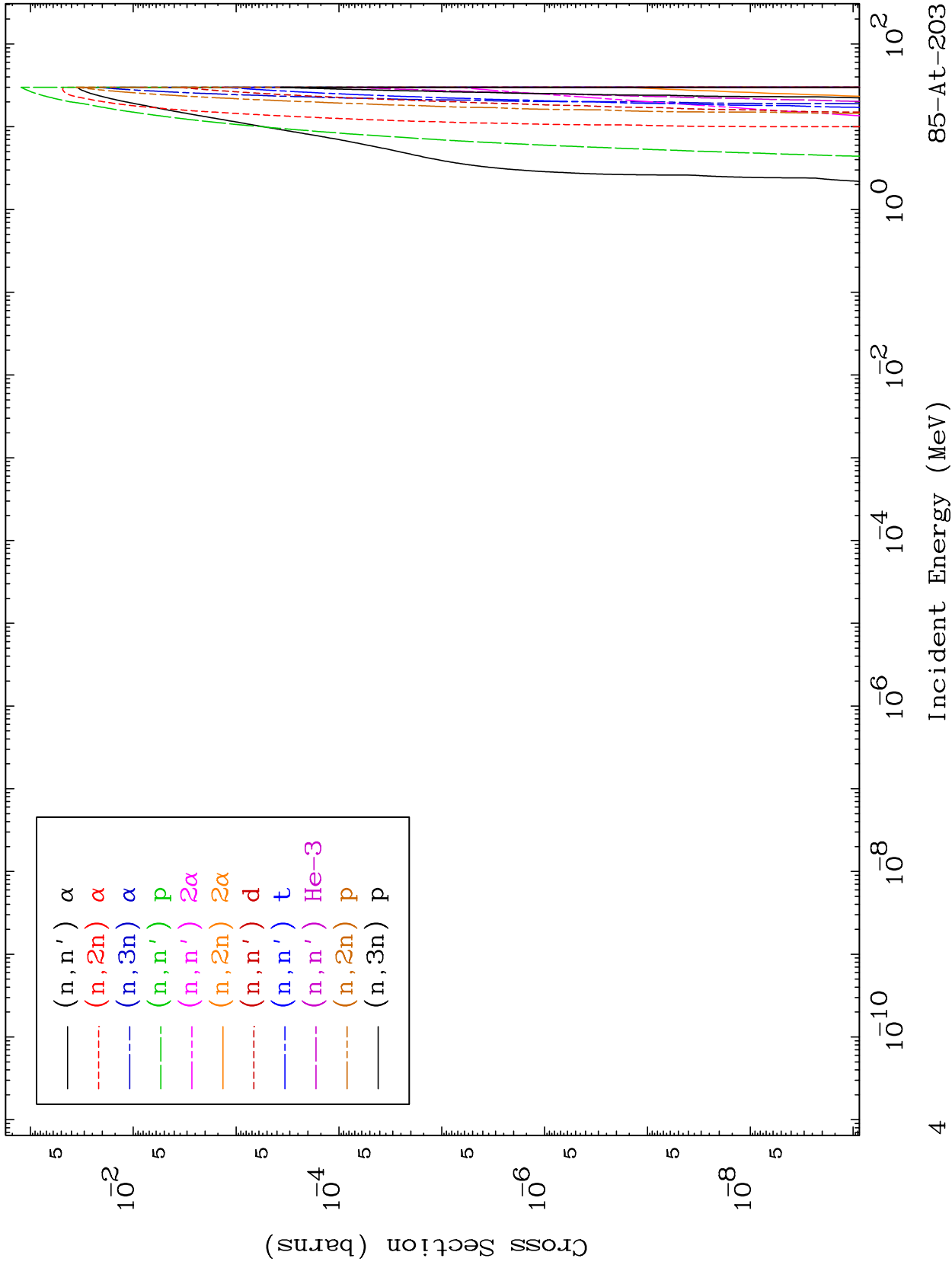
85-At-203

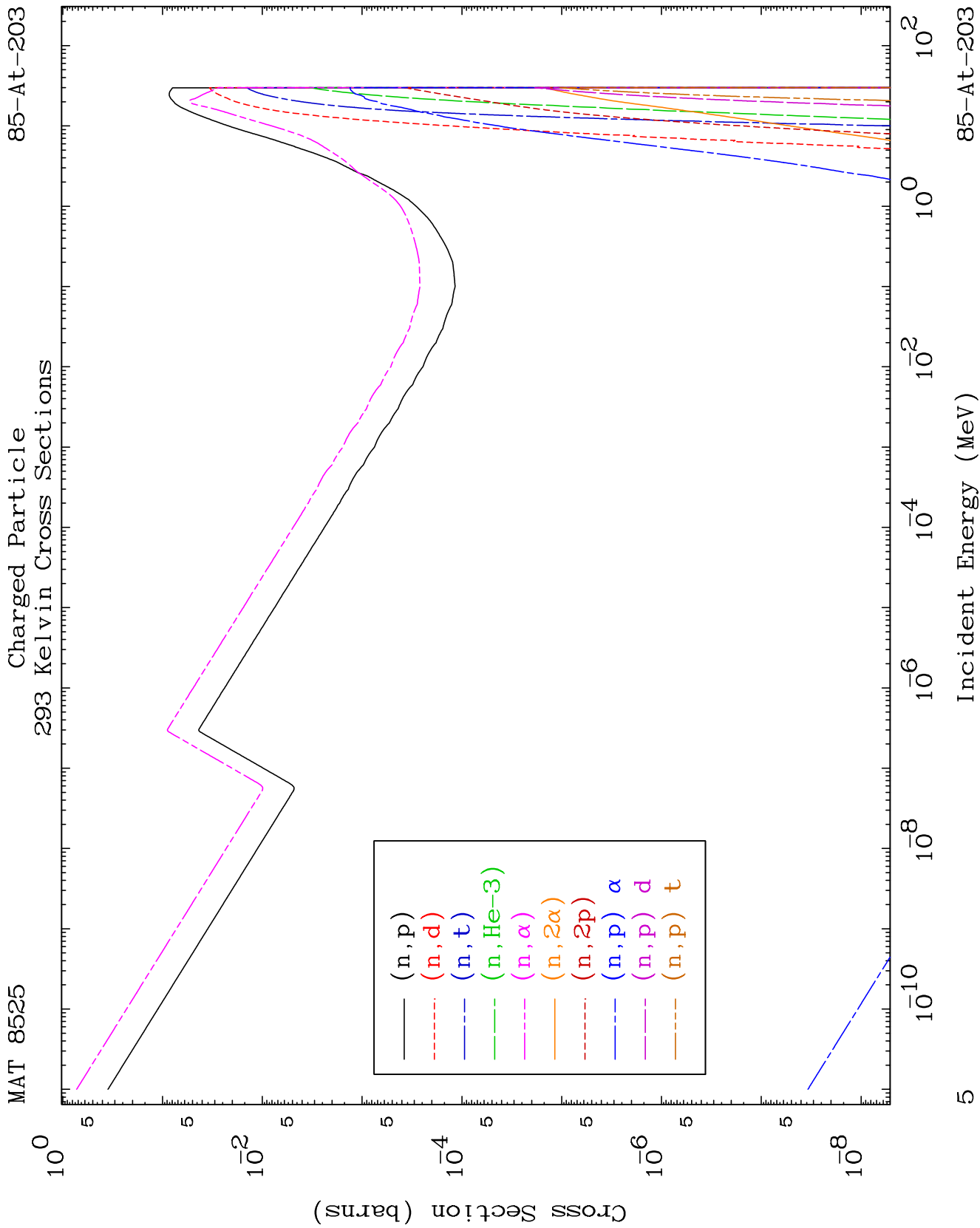


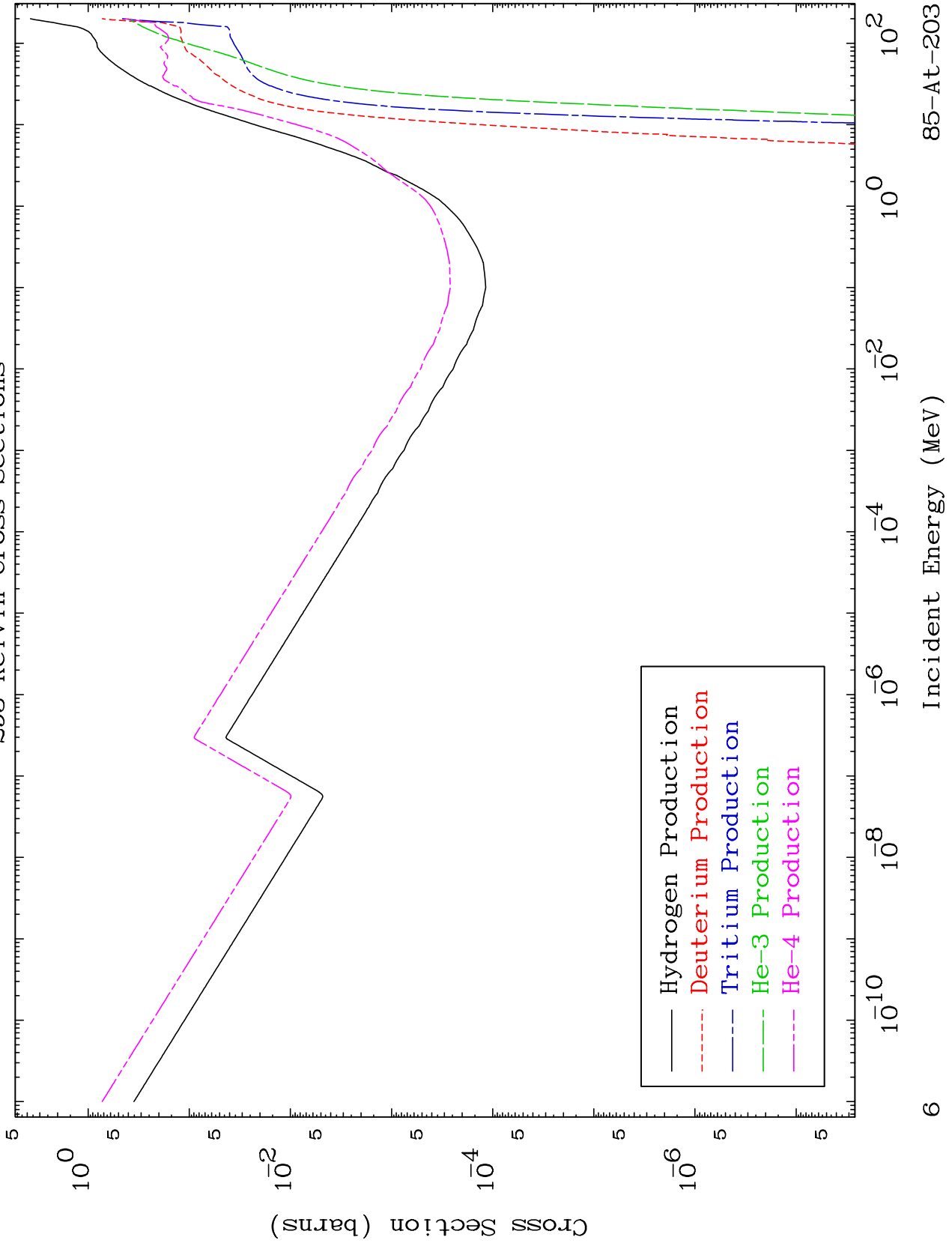
MAT 8525

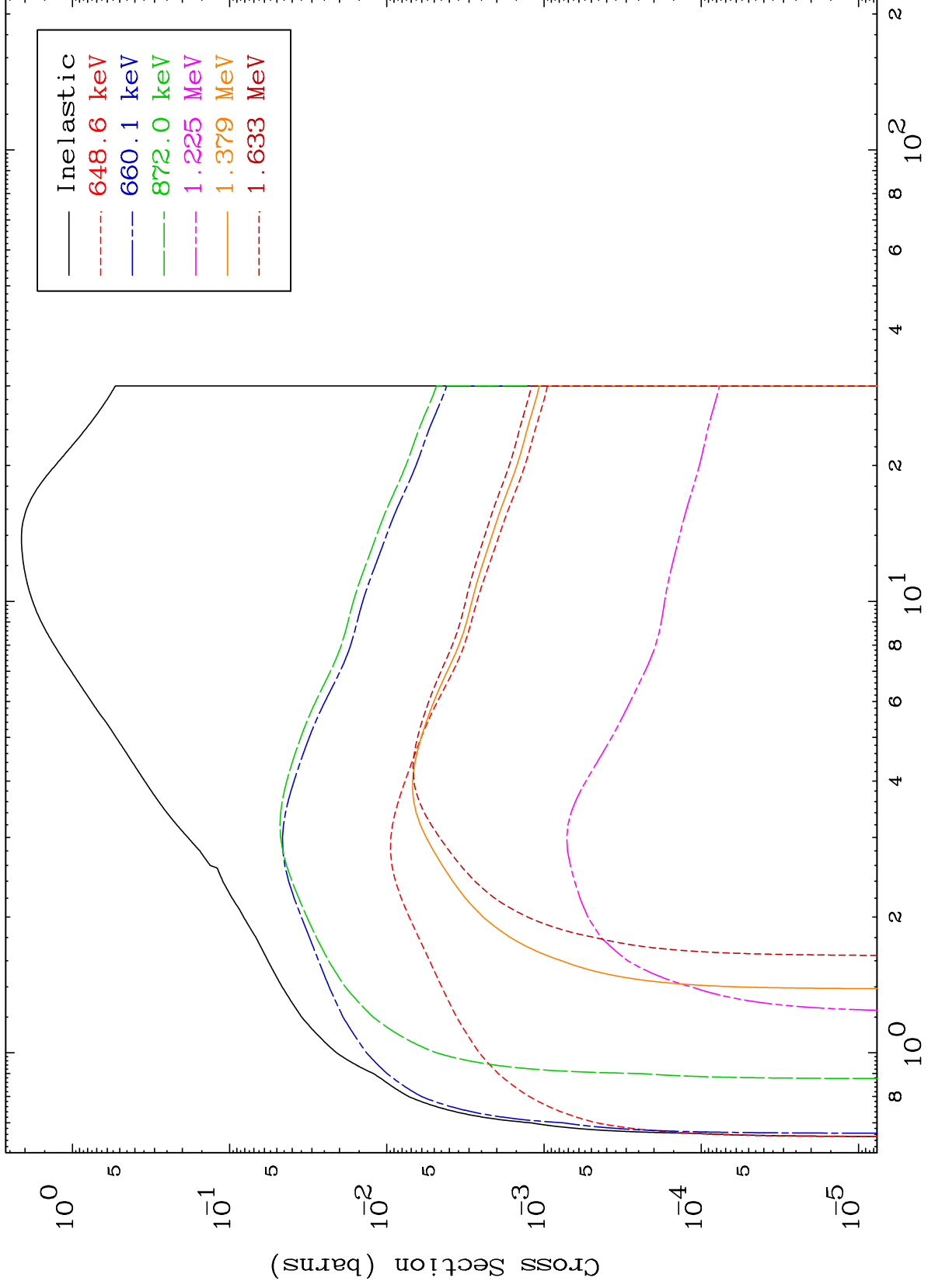
Charged Particle
293 Kelvin Cross Sections

85-At-203







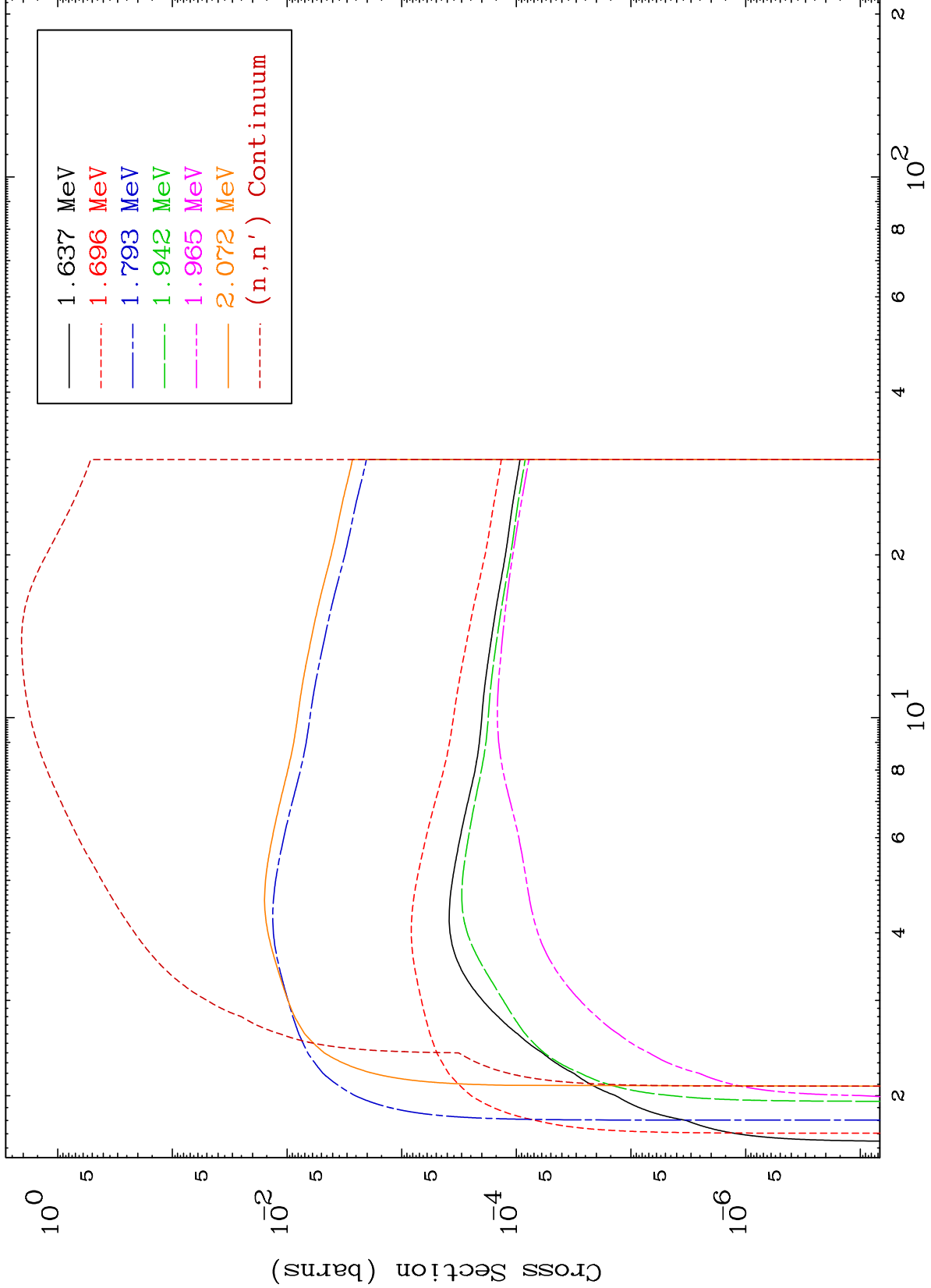


MAT 8525

(n,n') Level

85-At-203

293 Kelvin Cross Sections



8

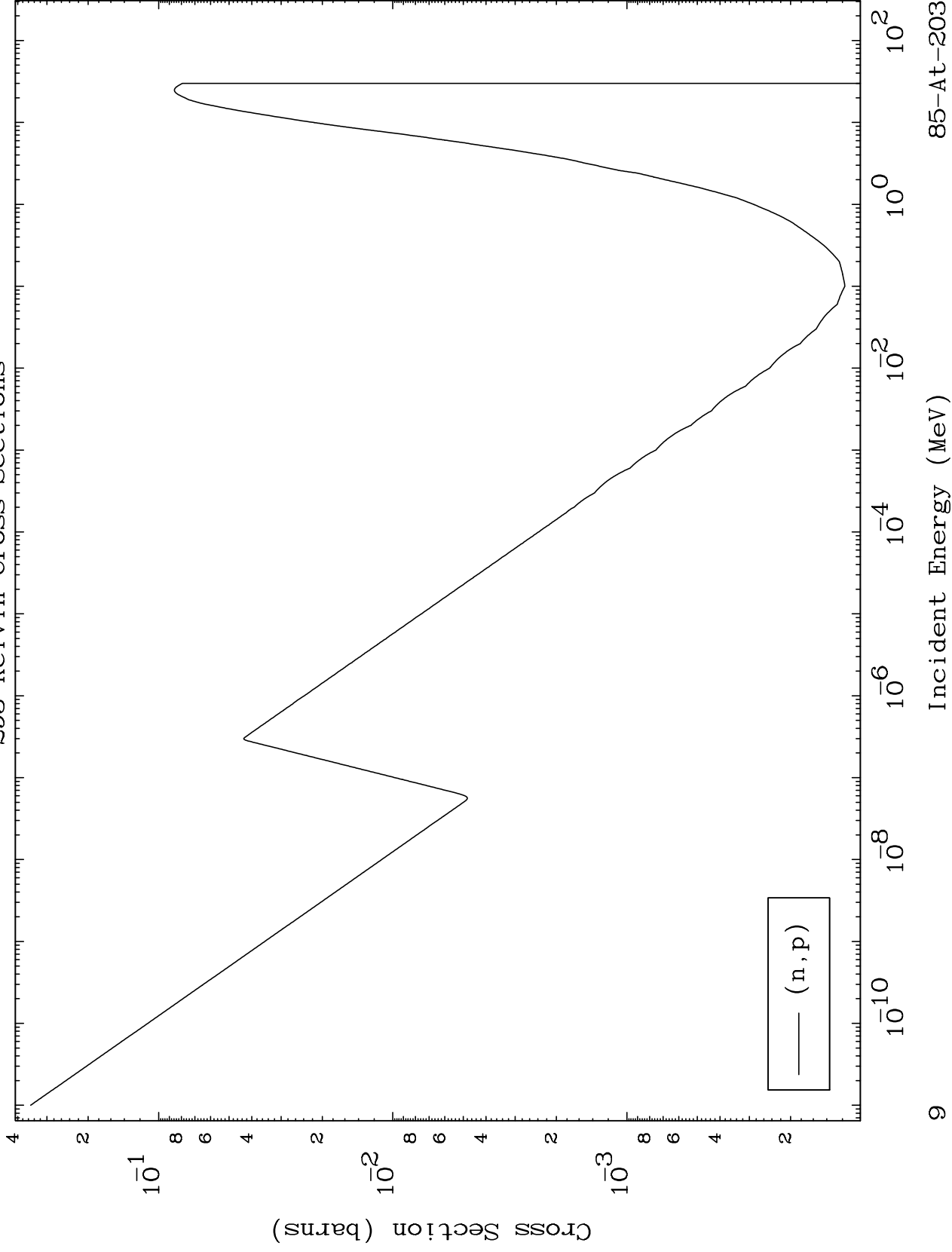
Incident Energy (MeV)

85-At-203

MAT 8525

(n,p) Levels
293 Kelvin Cross Sections

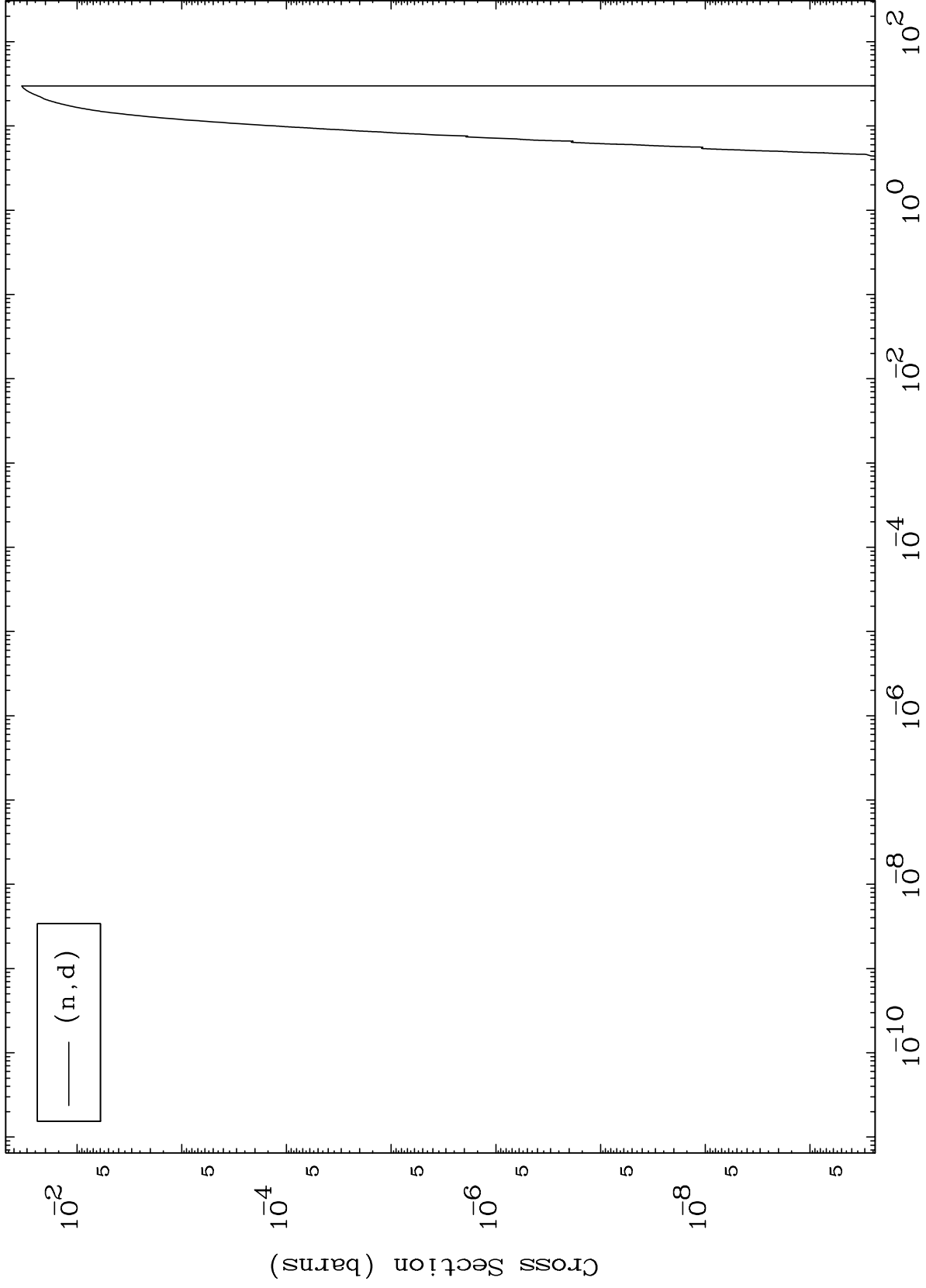
85-At-203



MAT 8525

(n,d) Levels
293 Kelvin Cross Sections

85-At-203



10

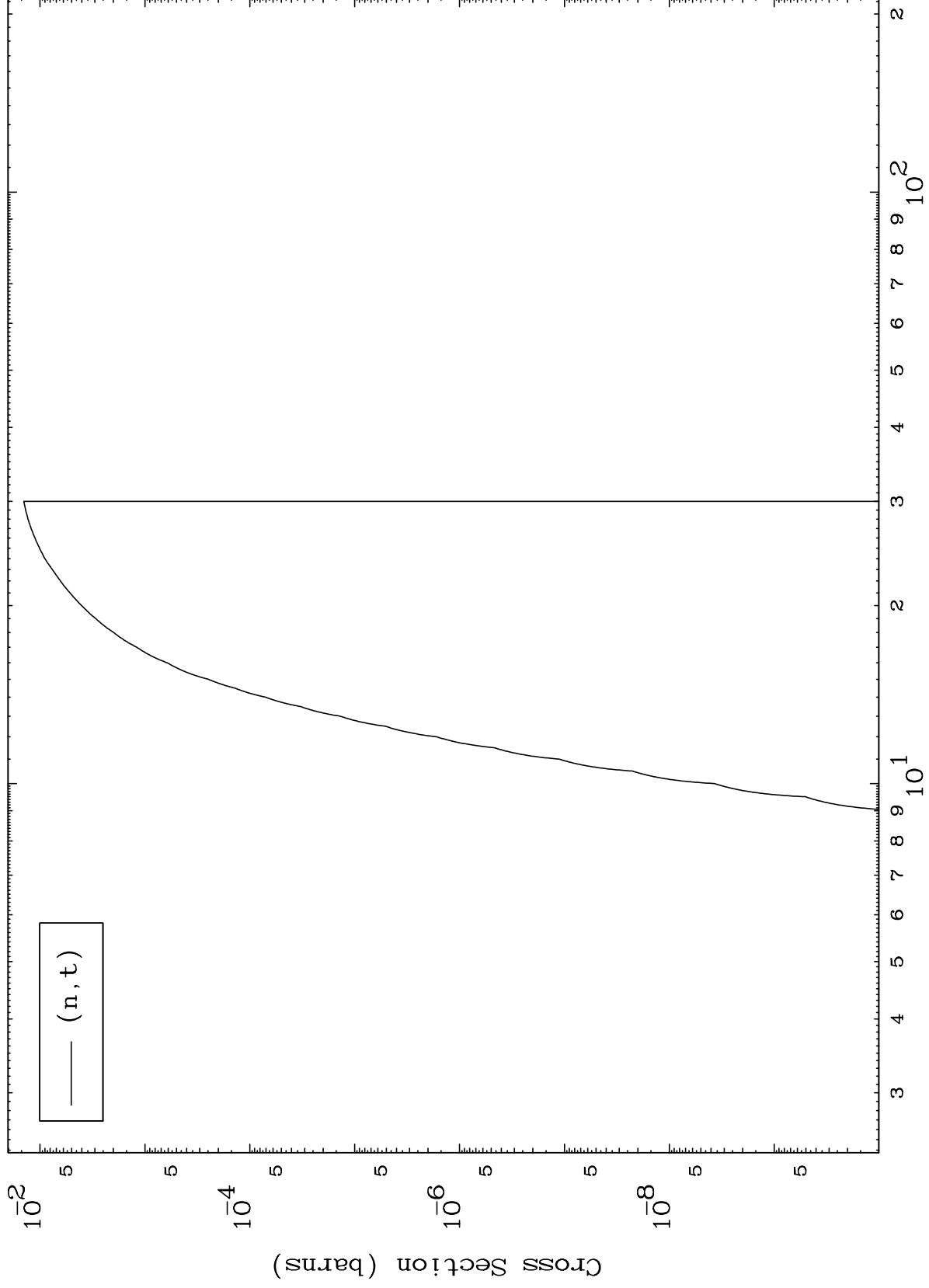
Incident Energy (MeV)

85-At-203

MAT 8525

(n,t) Levels
293 Kelvin Cross Sections

85-At-203



11

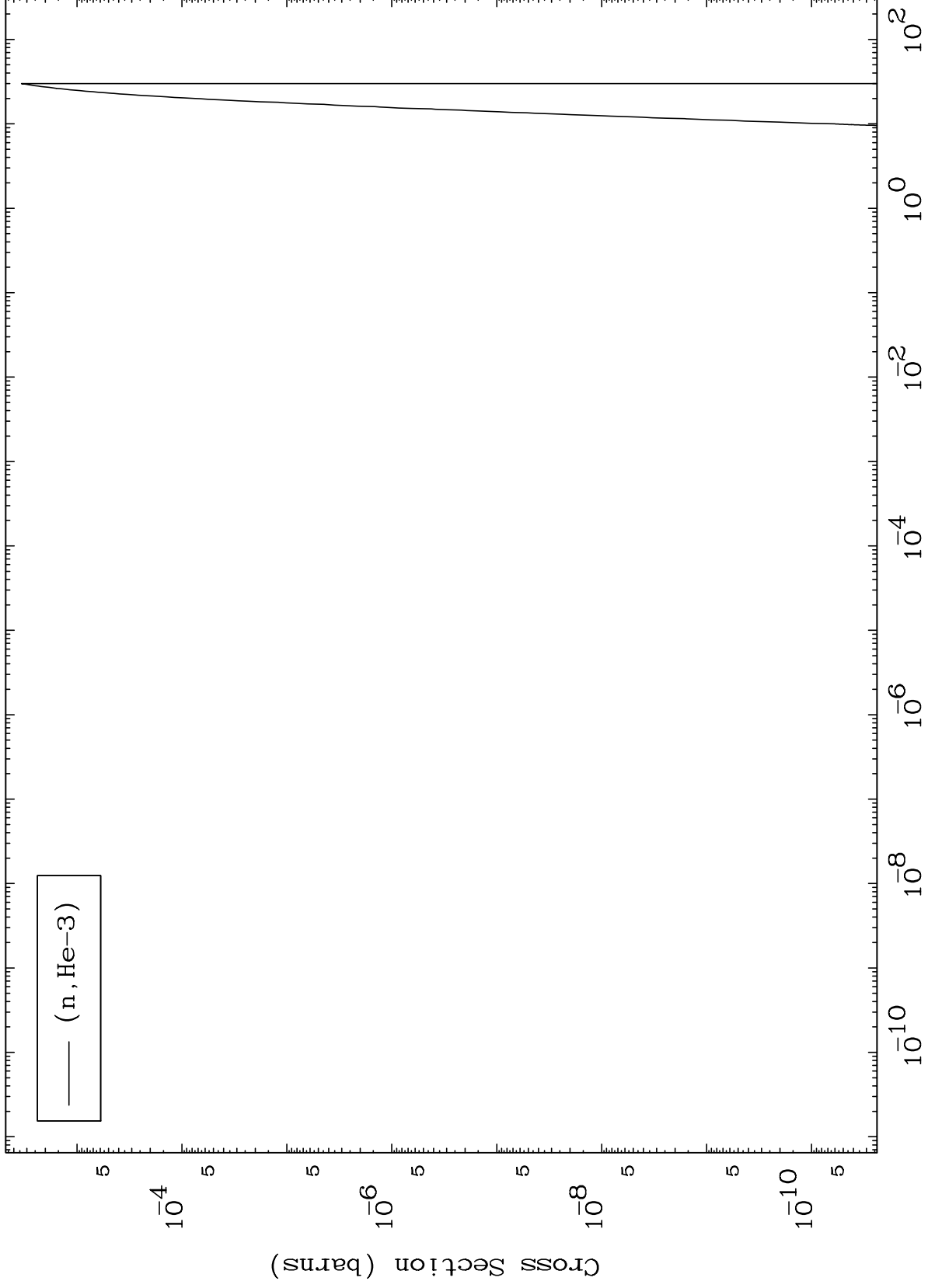
Incident Energy (MeV)

85-At-203

MAT 8525

(n,He3) Levels
293 Kelvin Cross Sections

85-At-203



12

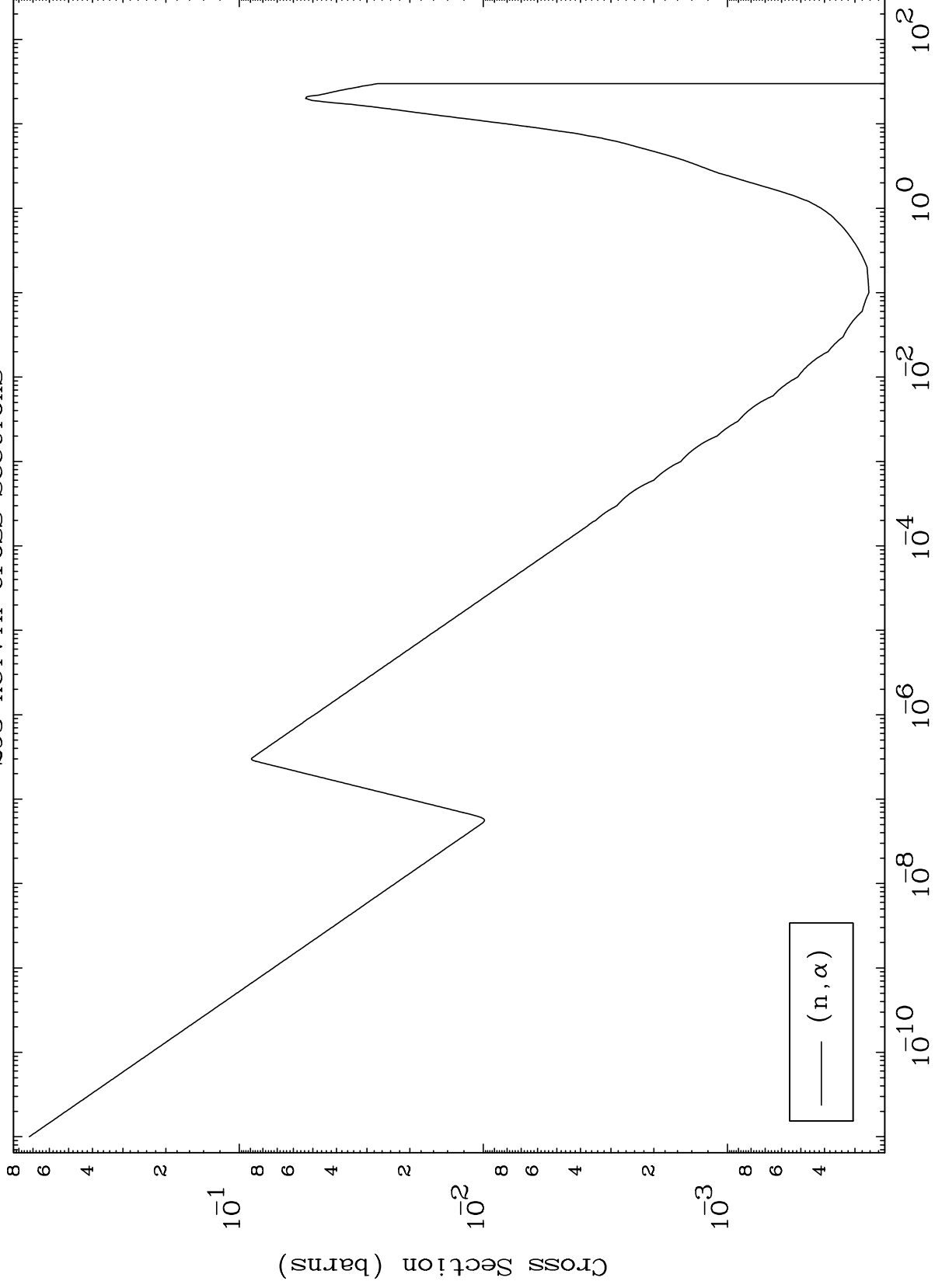
Incident Energy (MeV)

85-At-203

MAT 8525

(n, α) Levels
293 Kelvin Cross Sections

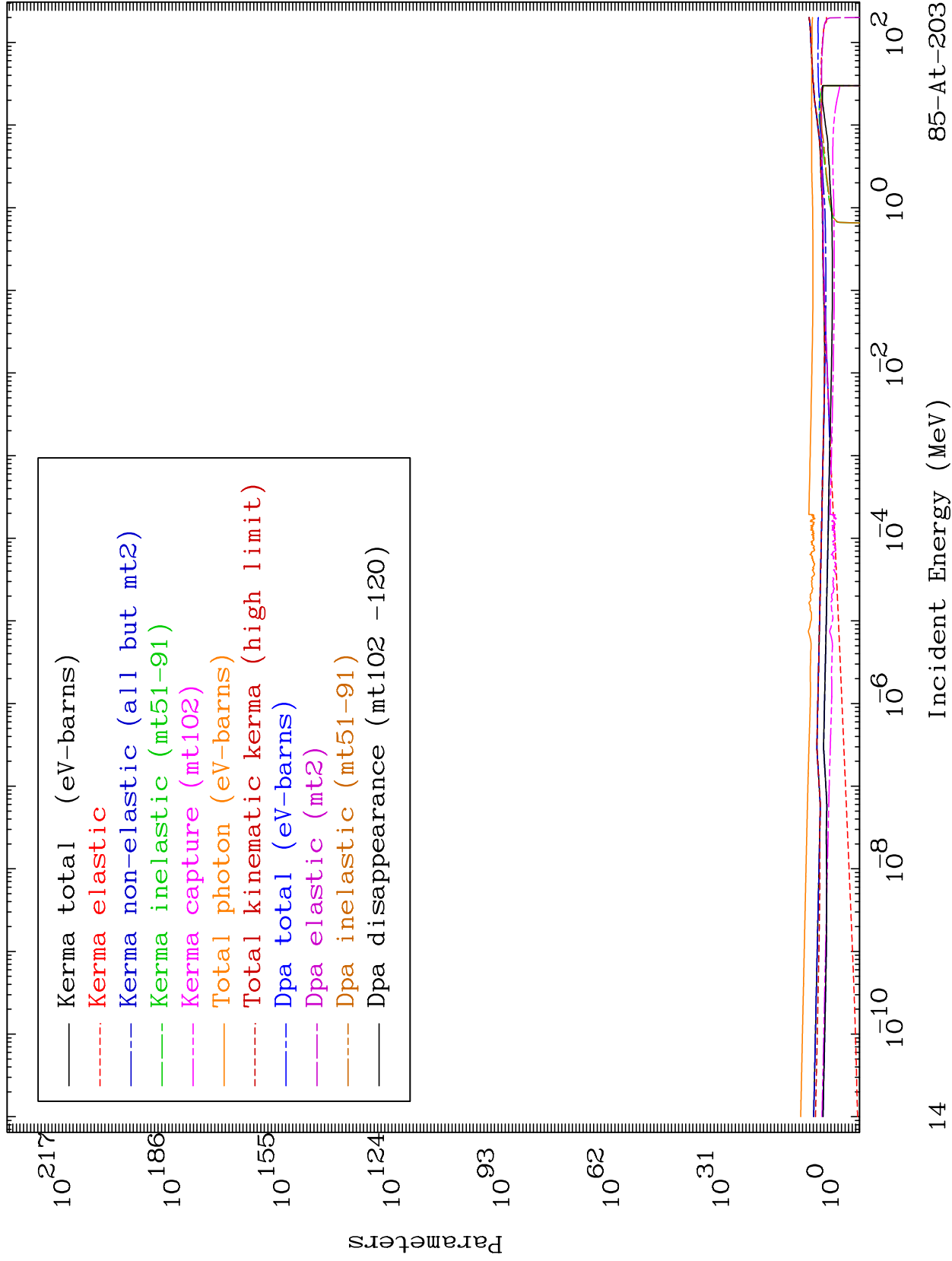
85-At-203



13

Incident Energy (MeV)

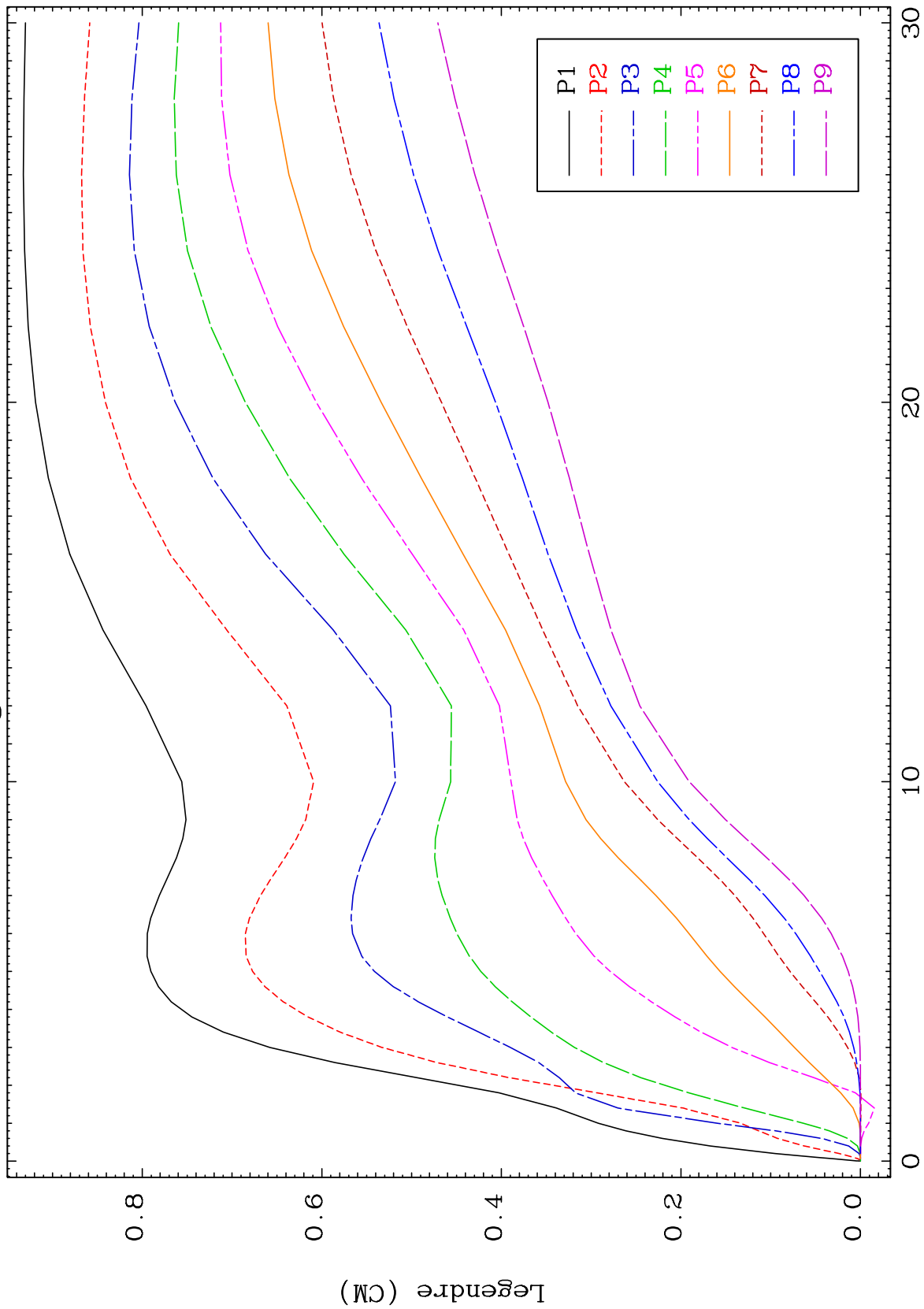
85-At-203



MAT 8525

Elastic Legendre Coefficients

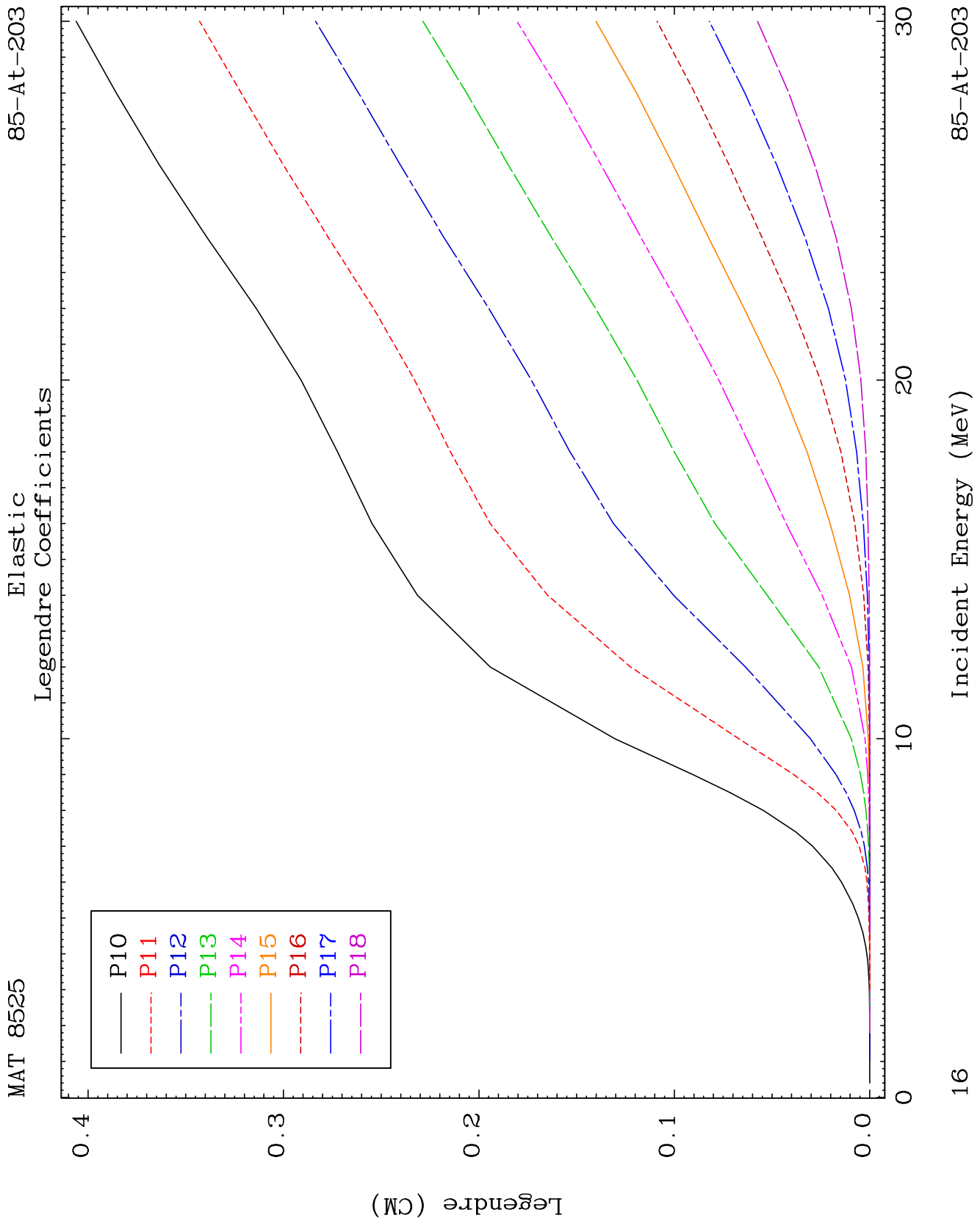
85-At-203



15

Incident Energy (MeV)

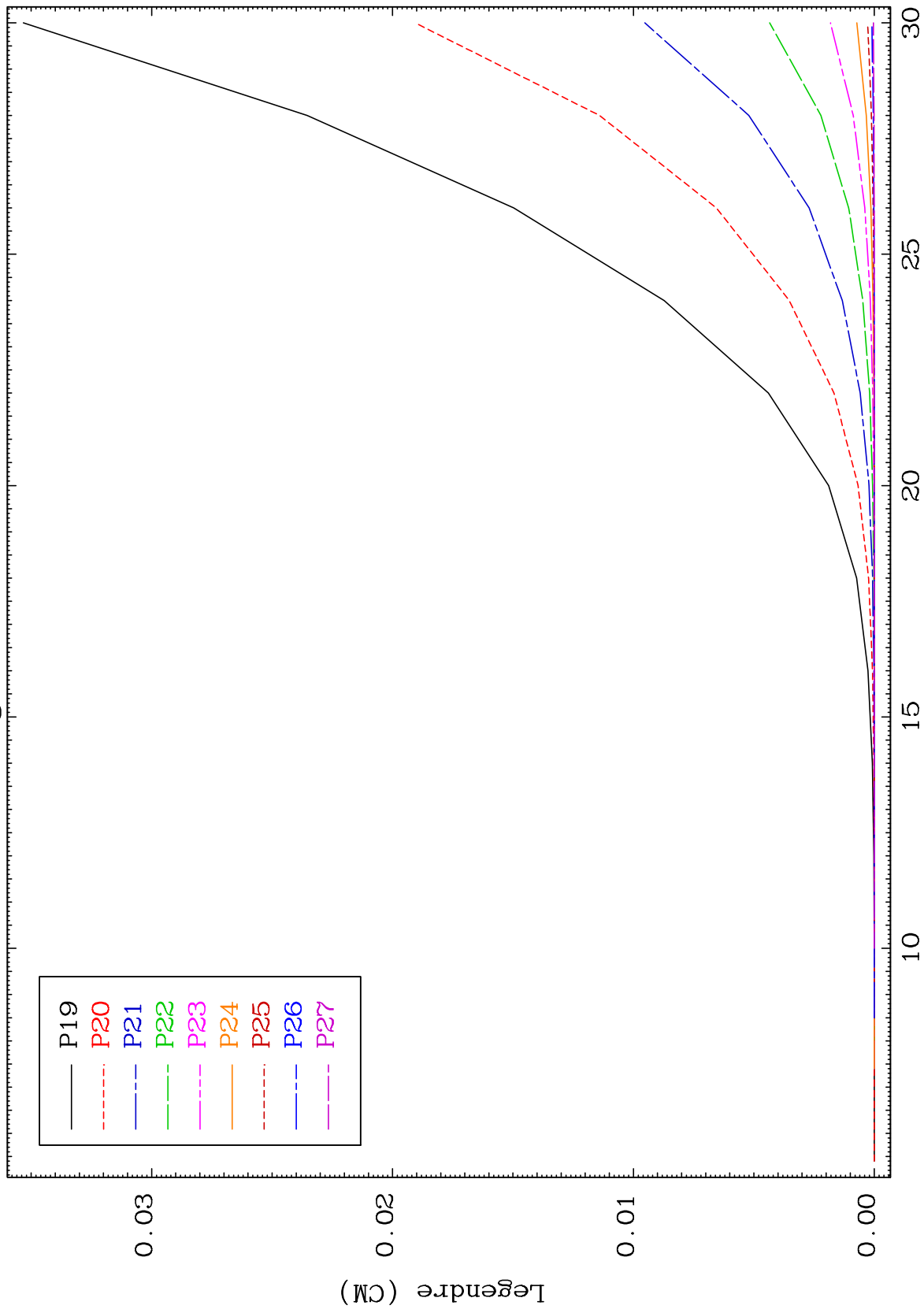
85-At-203



MAT 8525

Elastic Legendre Coefficients

85-At-203



17

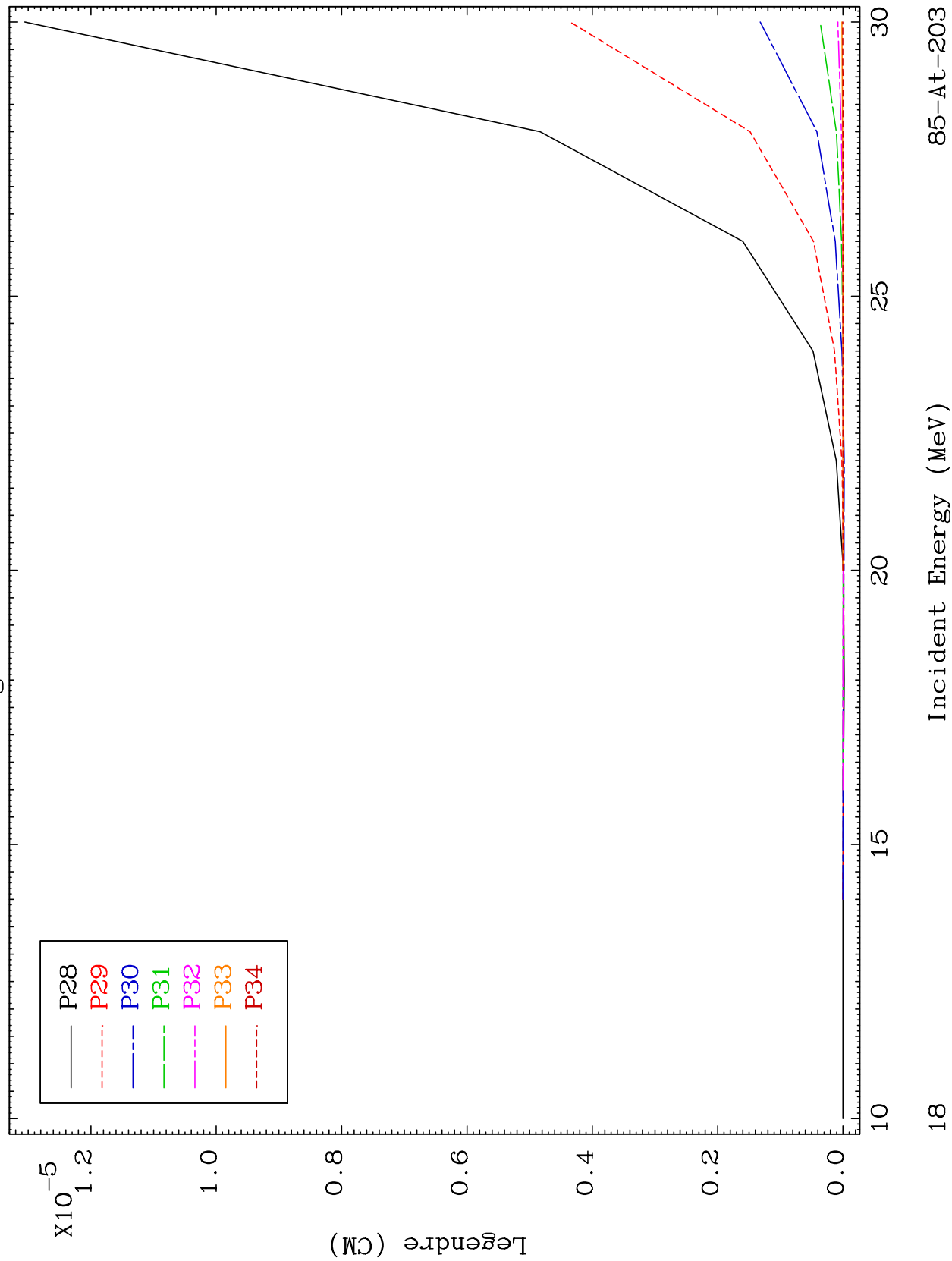
Incident Energy (MeV)

85-At-203

MAT 8525

Elastic Legendre Coefficients

85-At-203



85-At-203

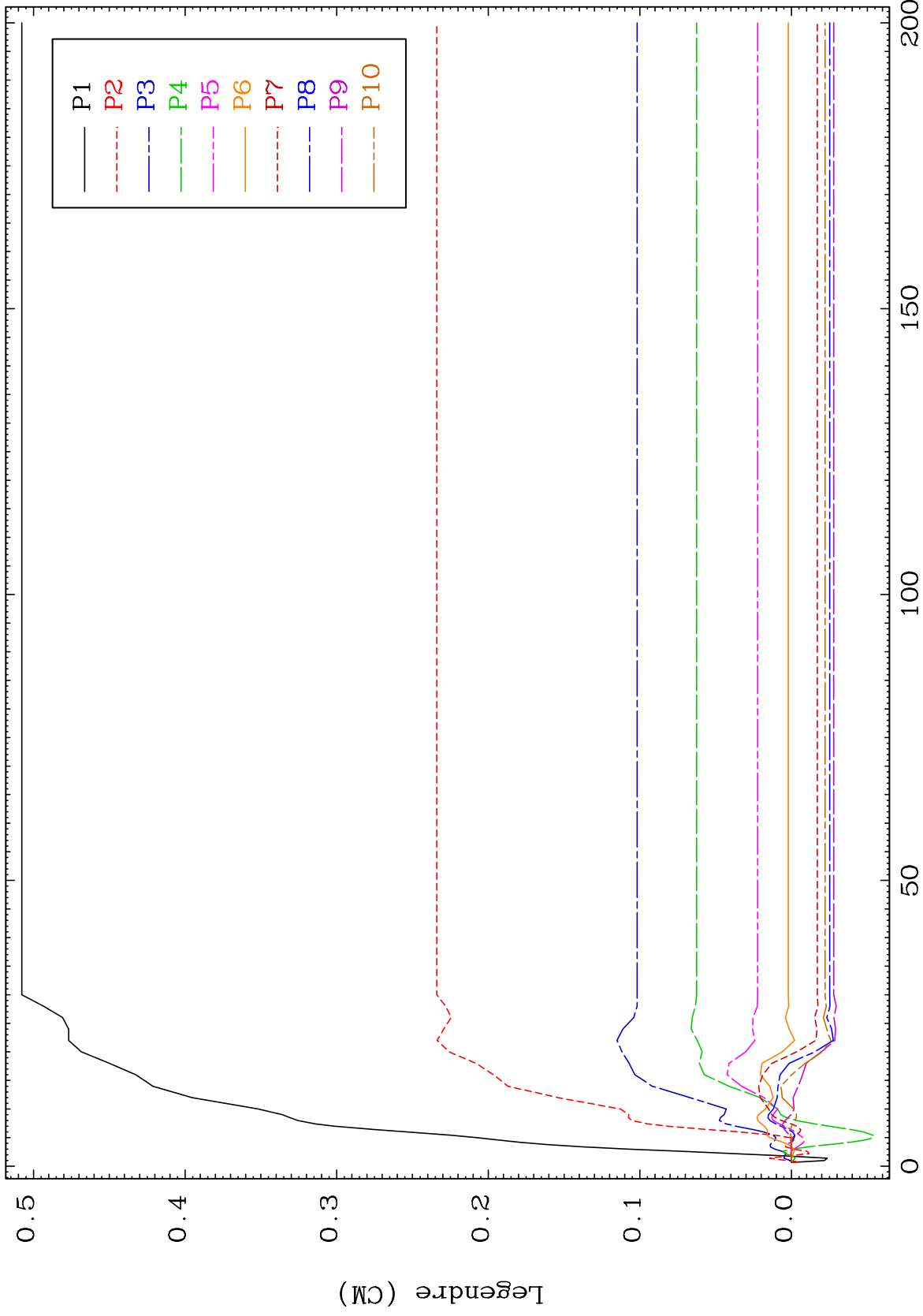
Incident Energy (MeV)

18

MAT 8525

648.6 keV (n,n') Level
Legendre Coefficients

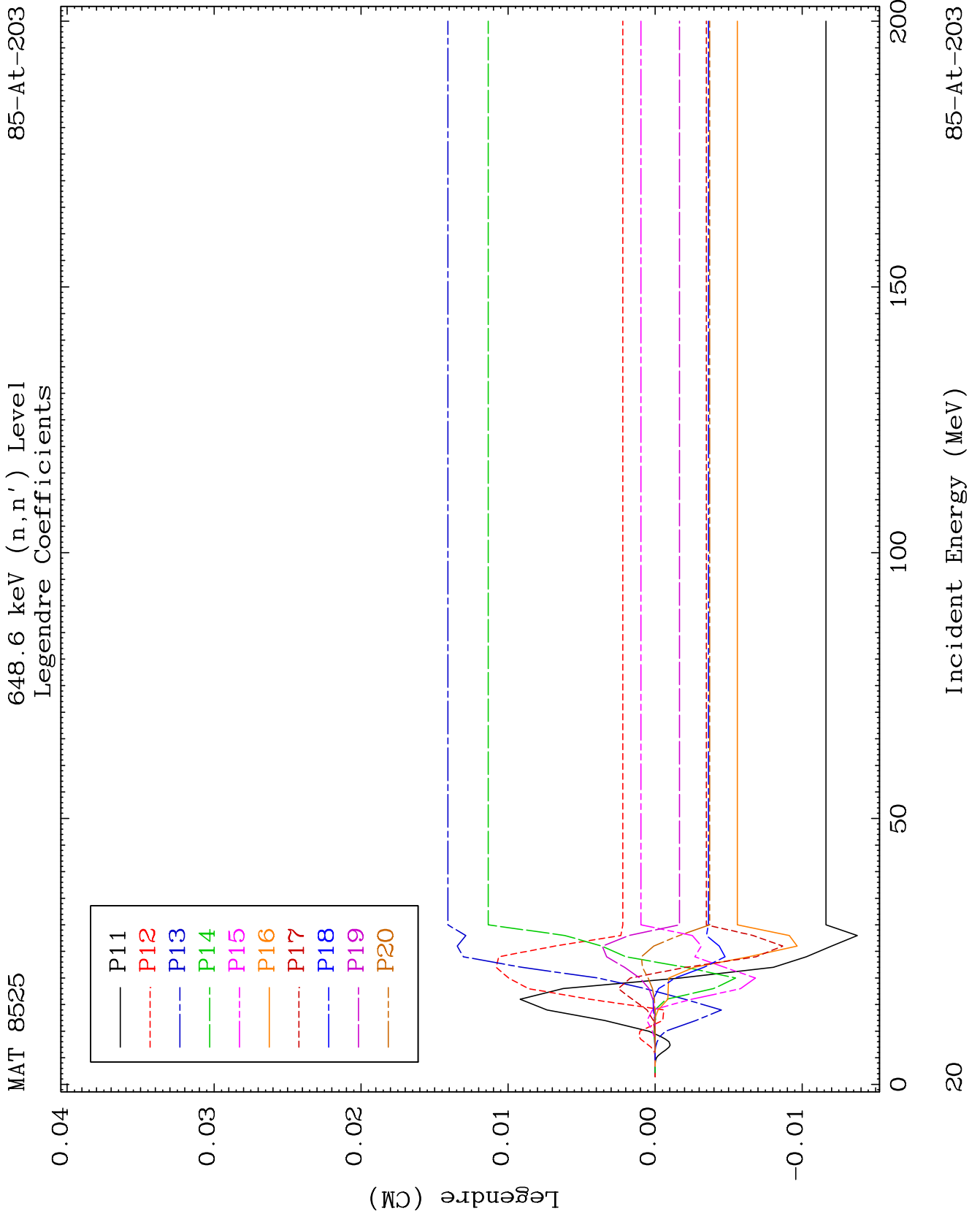
85-At-203

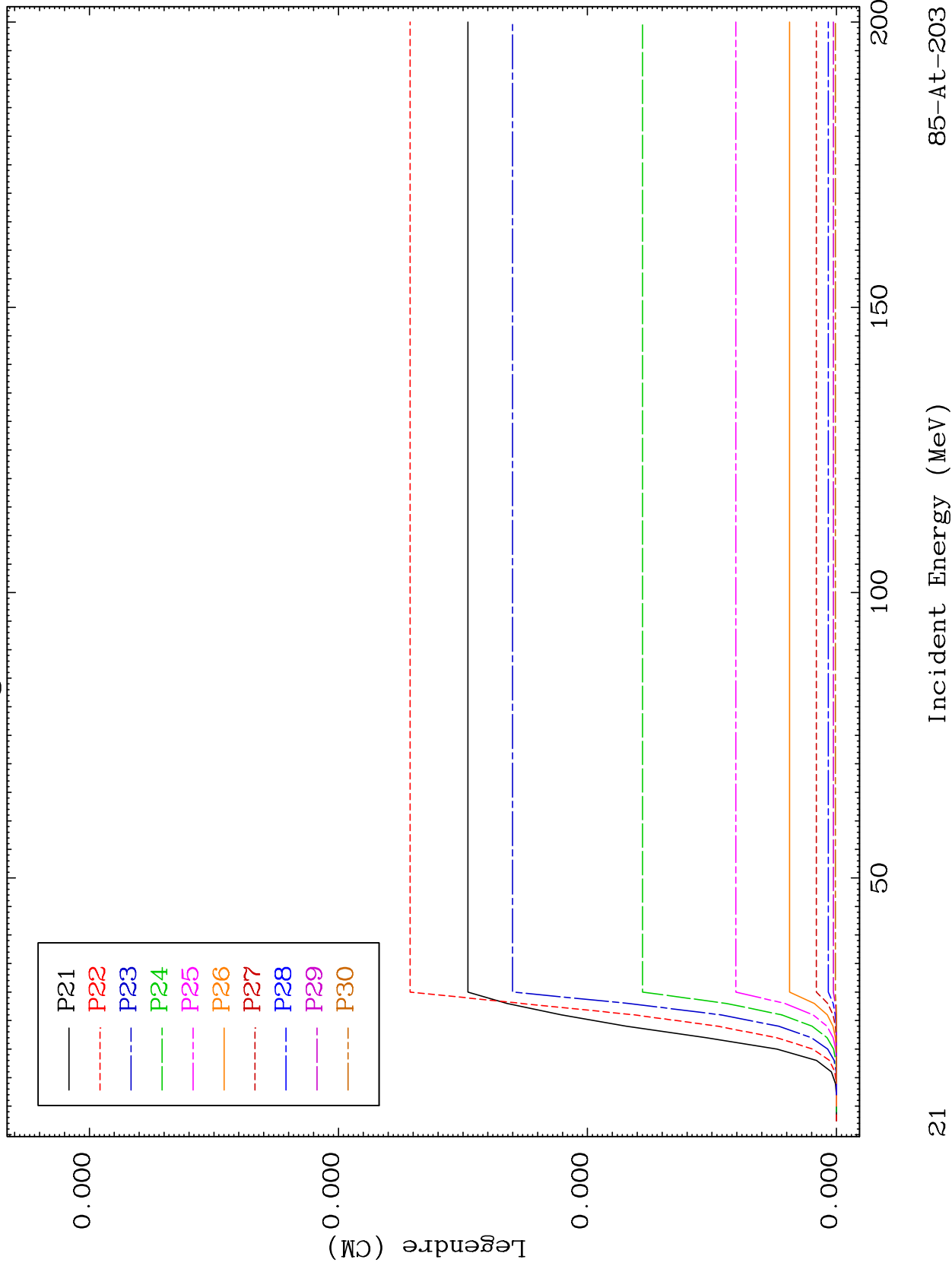


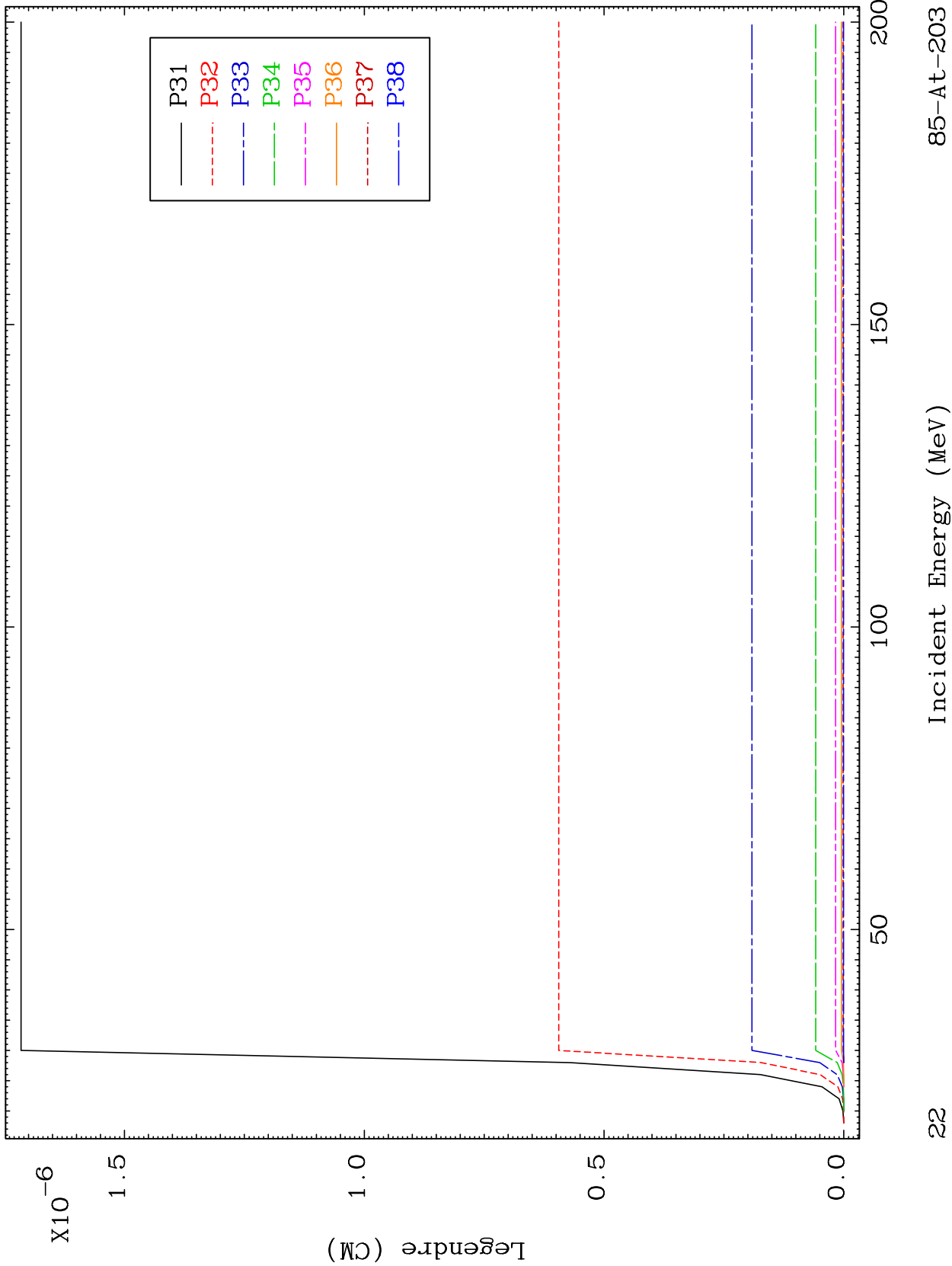
19

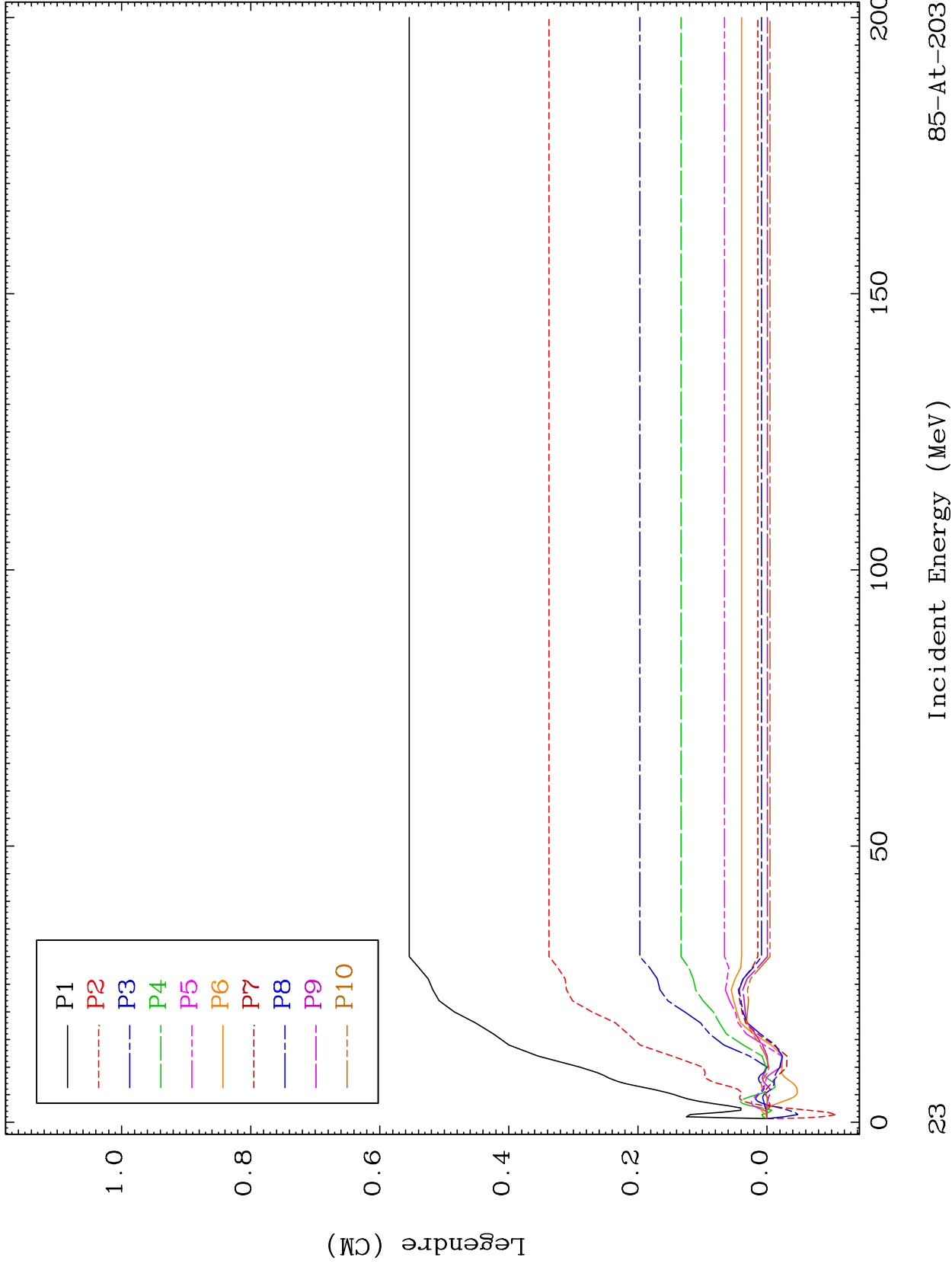
Incident Energy (MeV)

85-At-203





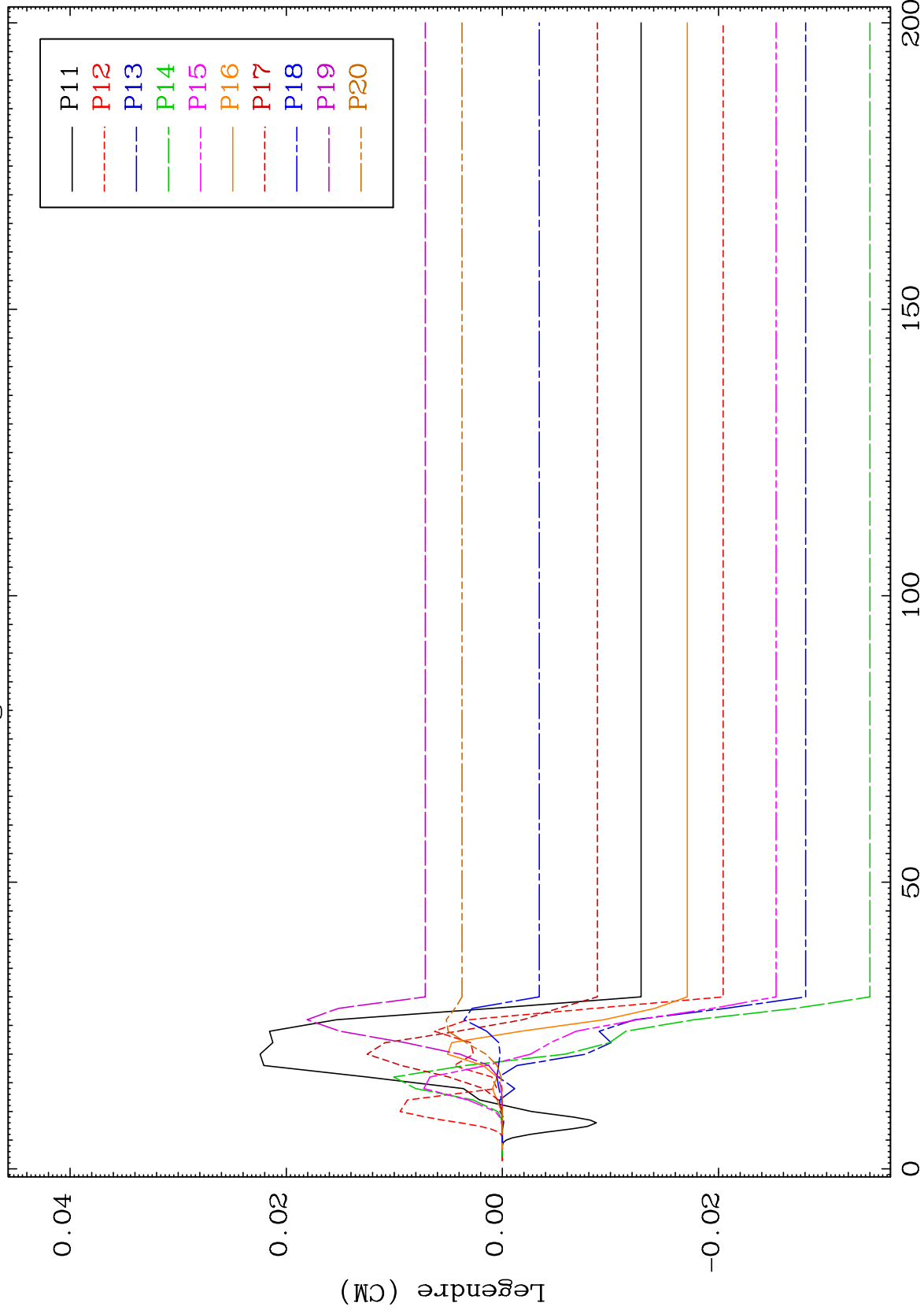




MAT 8525

660.1 keV (n,n') Level
Legendre Coefficients

85-At-203



24

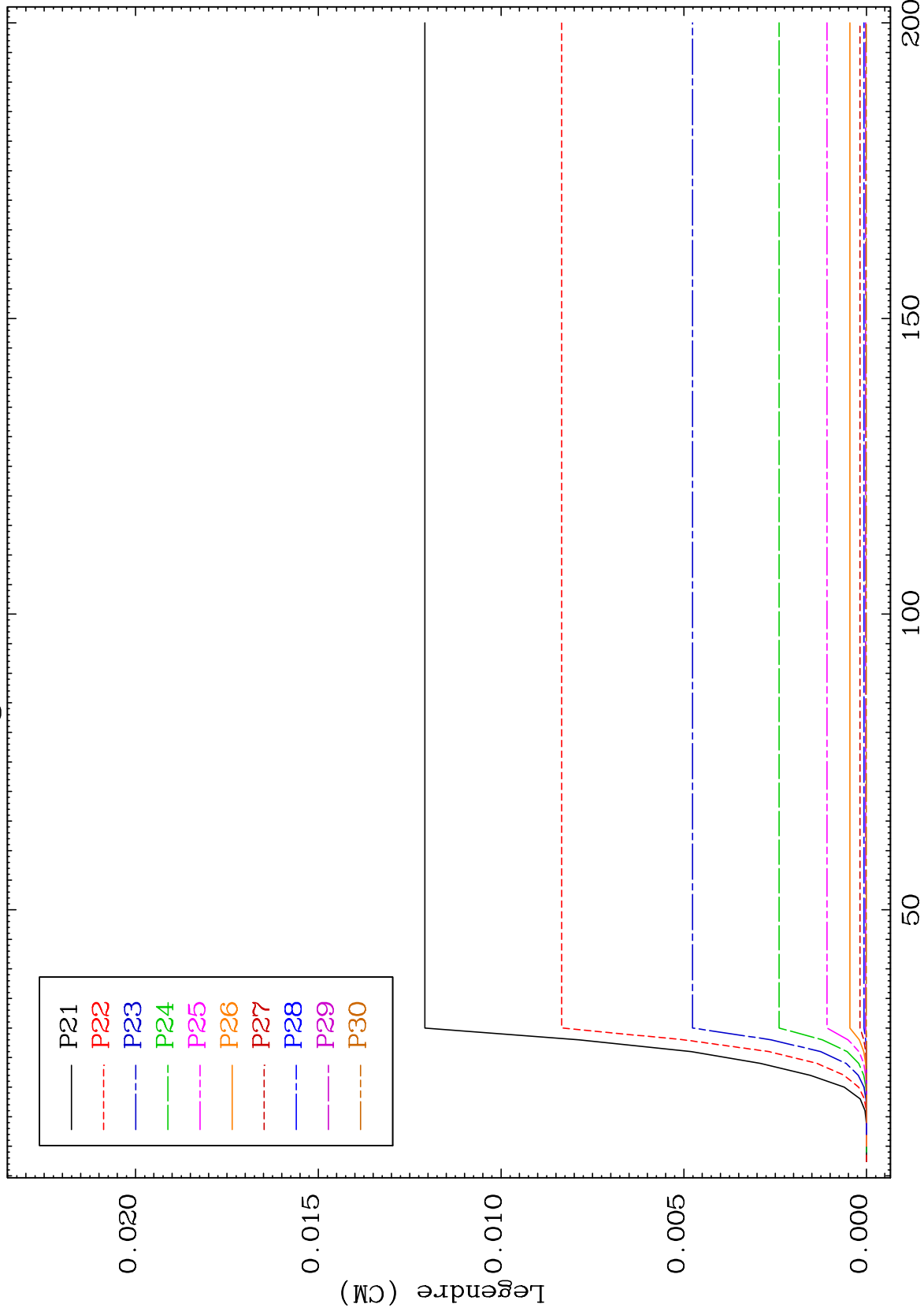
Incident Energy (MeV)

85-At-203

MAT 8525

660.1 keV (n,n') Level
Legendre Coefficients

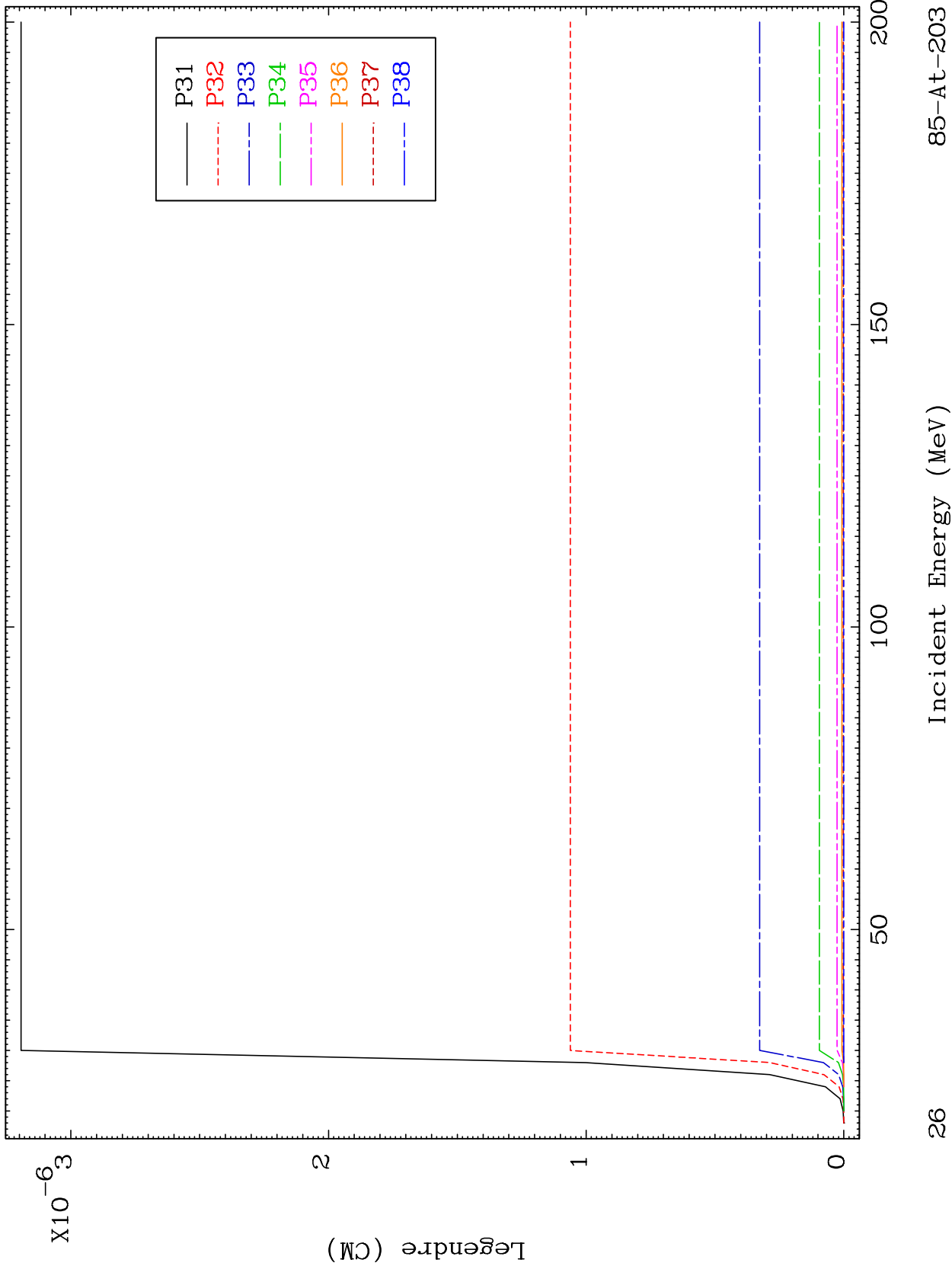
85-At-203

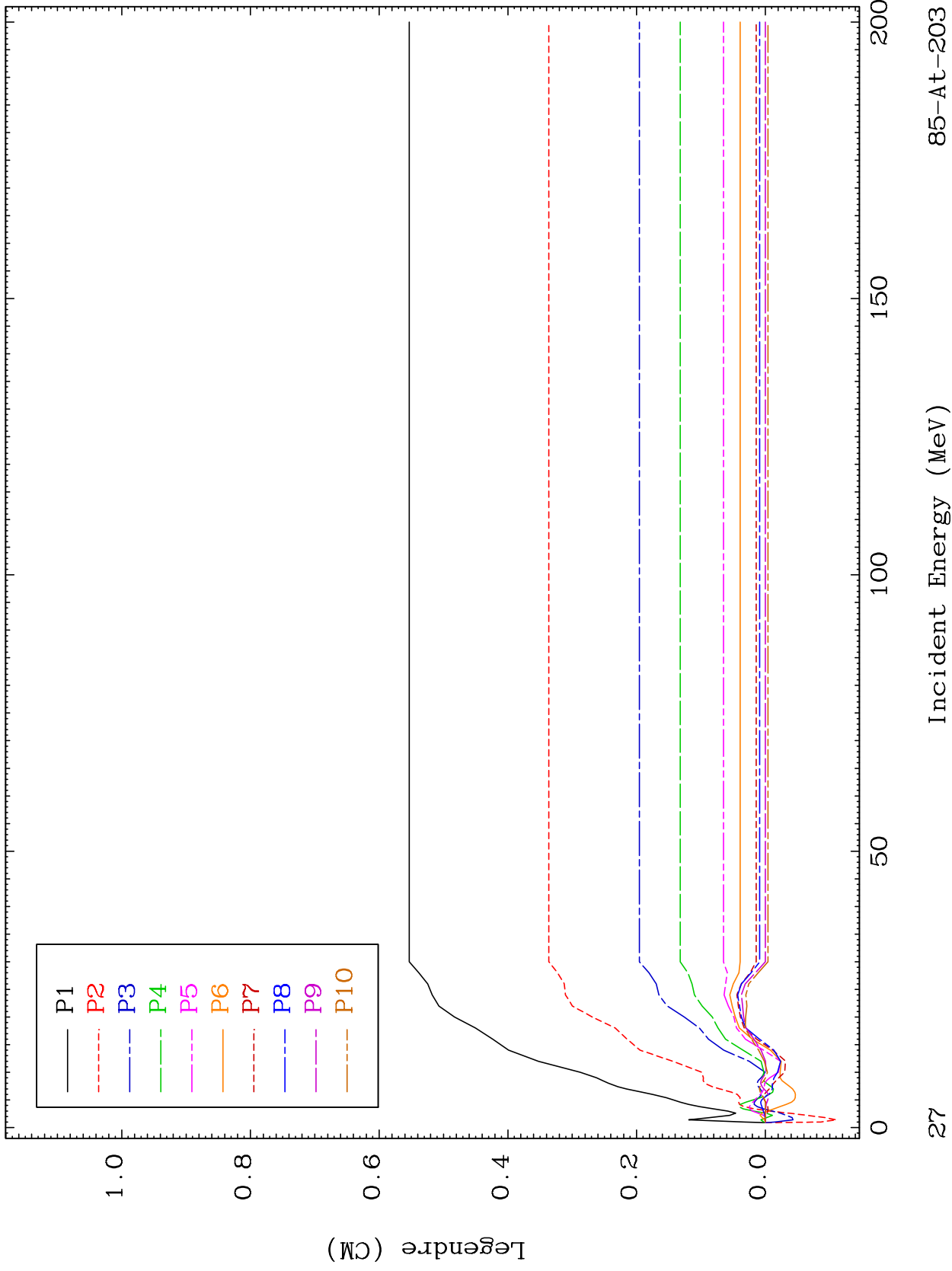


25

Incident Energy (MeV)

85-At-203

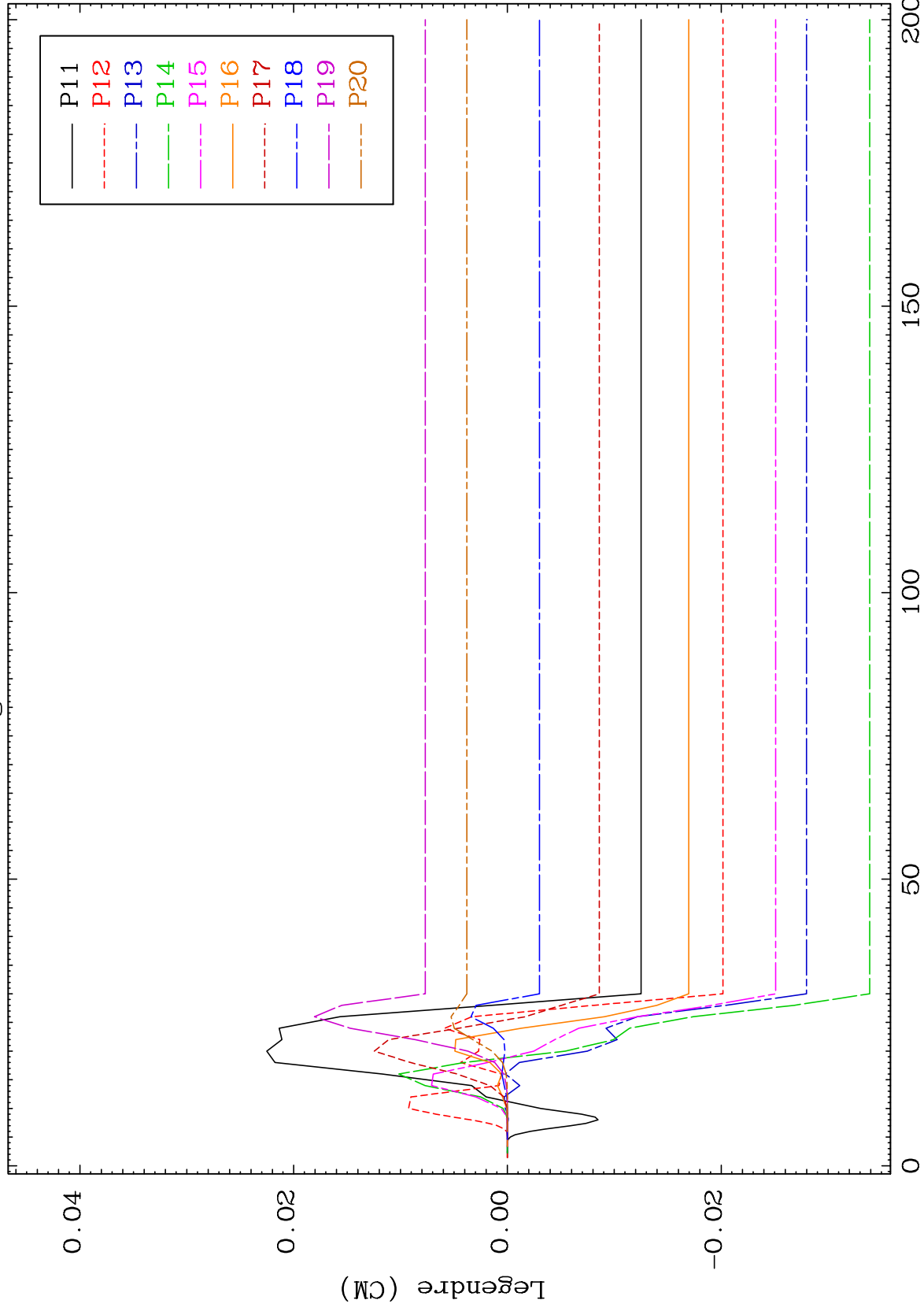




MAT 8525

872.0 keV (n,n') Level
Legendre Coefficients

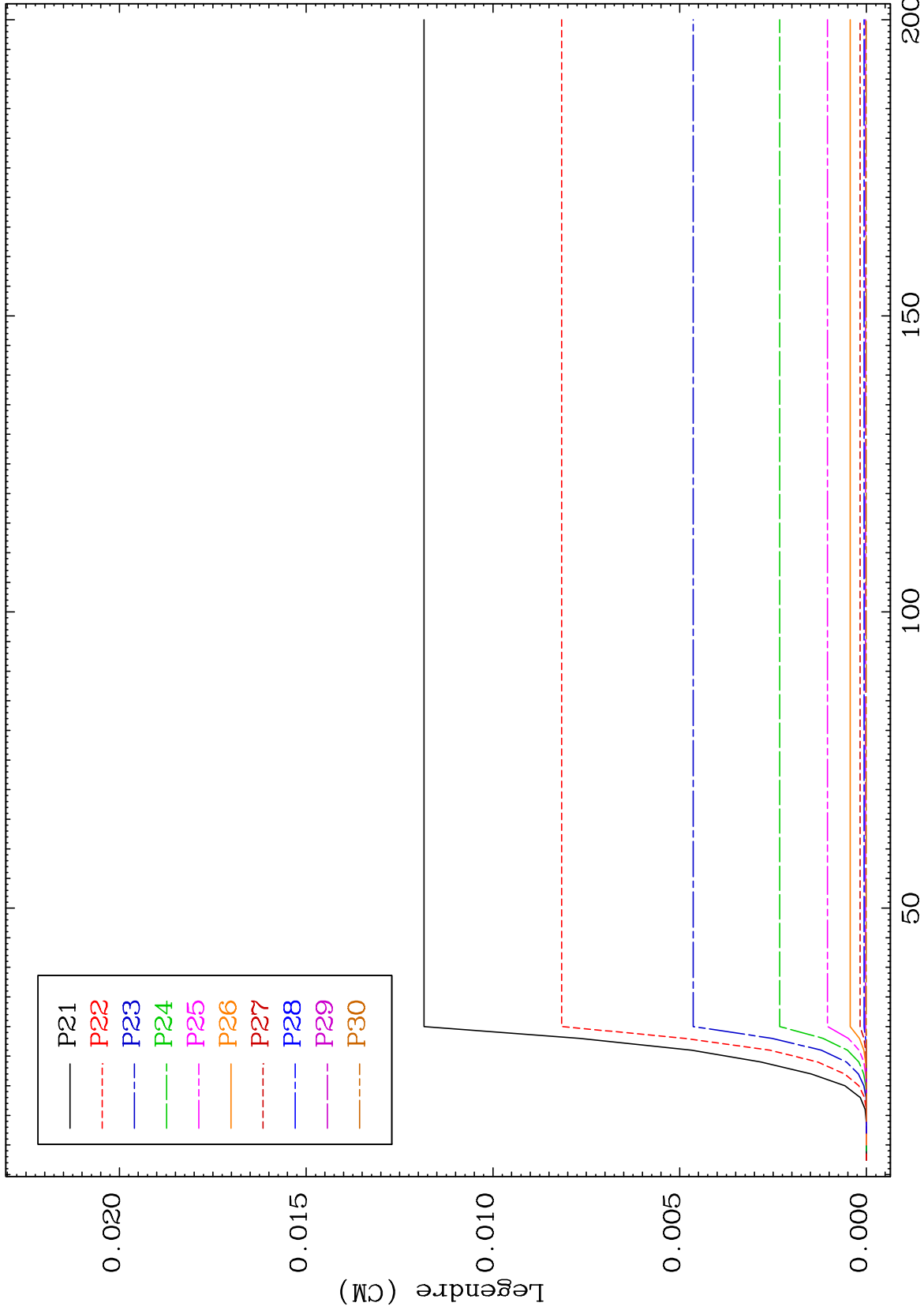
85-At-203



28

Incident Energy (MeV)

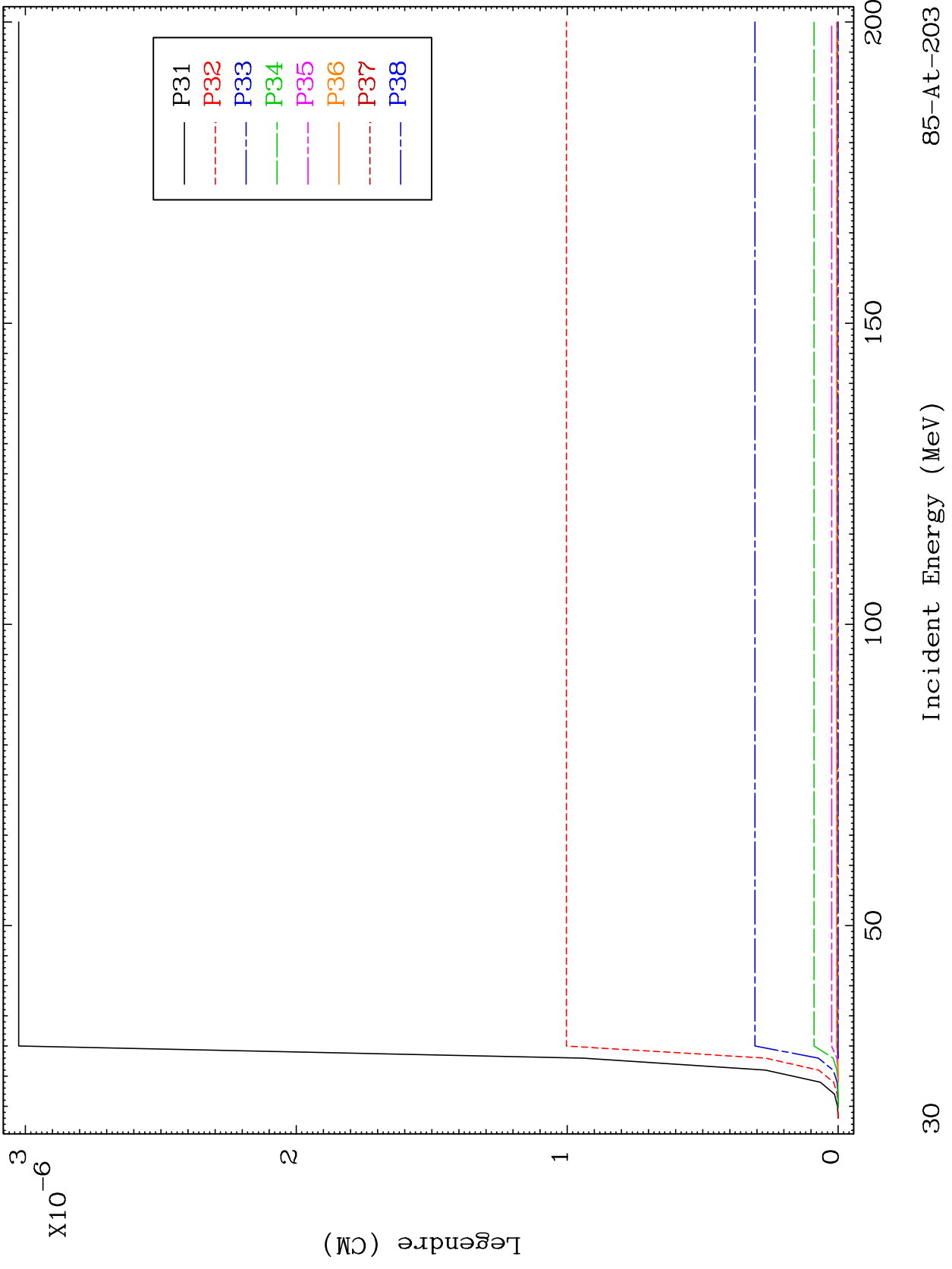
85-At-203



MAT 8525

872.0 keV (n,n') Level
Legendre Coefficients

85-At-203



85-At-203

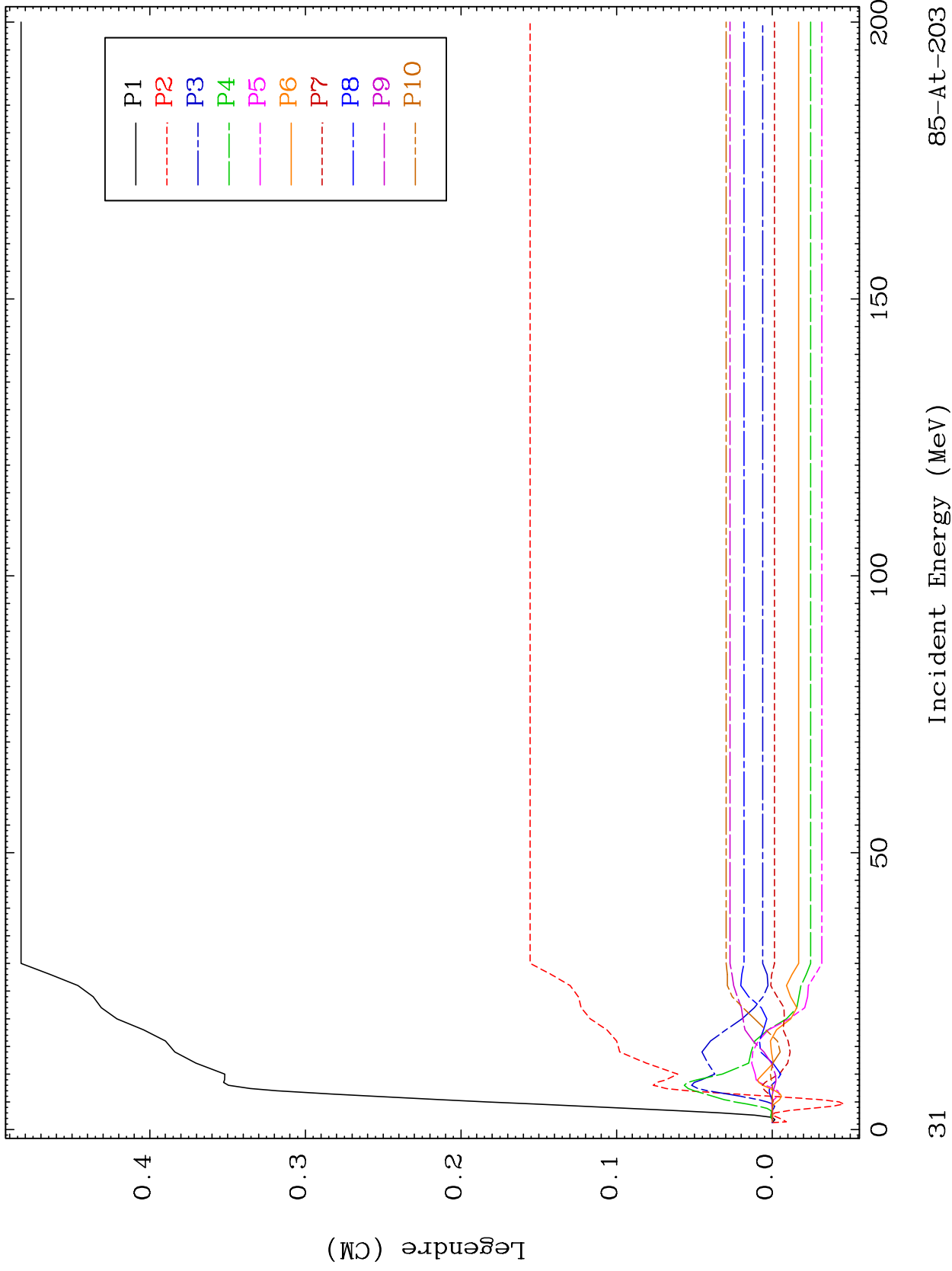
Incident Energy (MeV)

30

MAT 8525

1.225 MeV (n,n') Level
Legendre Coefficients

85-At-203



31

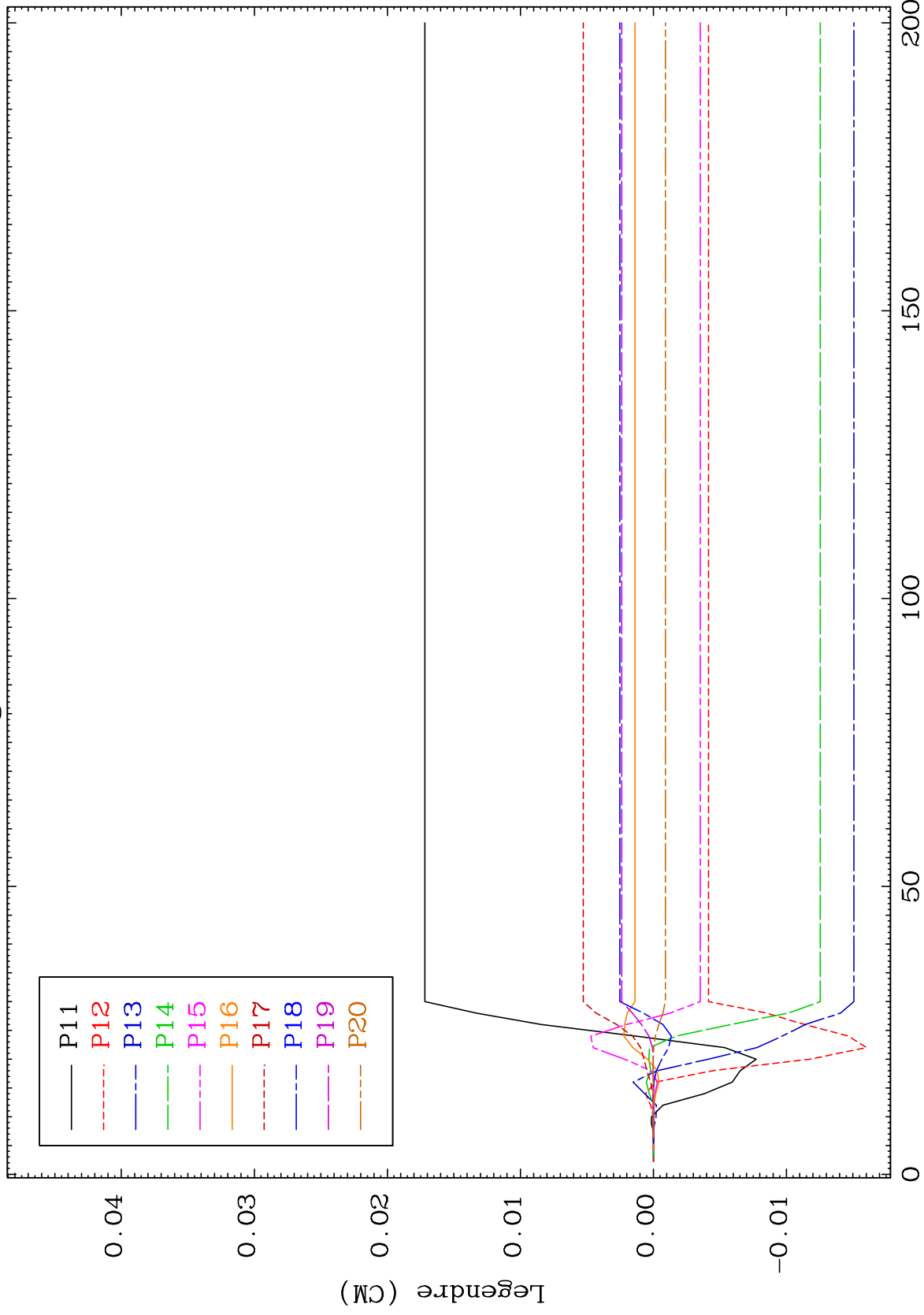
Incident Energy (MeV)

85-At-203

MAT 8525

1.225 MeV (n,n') Level
Legendre Coefficients

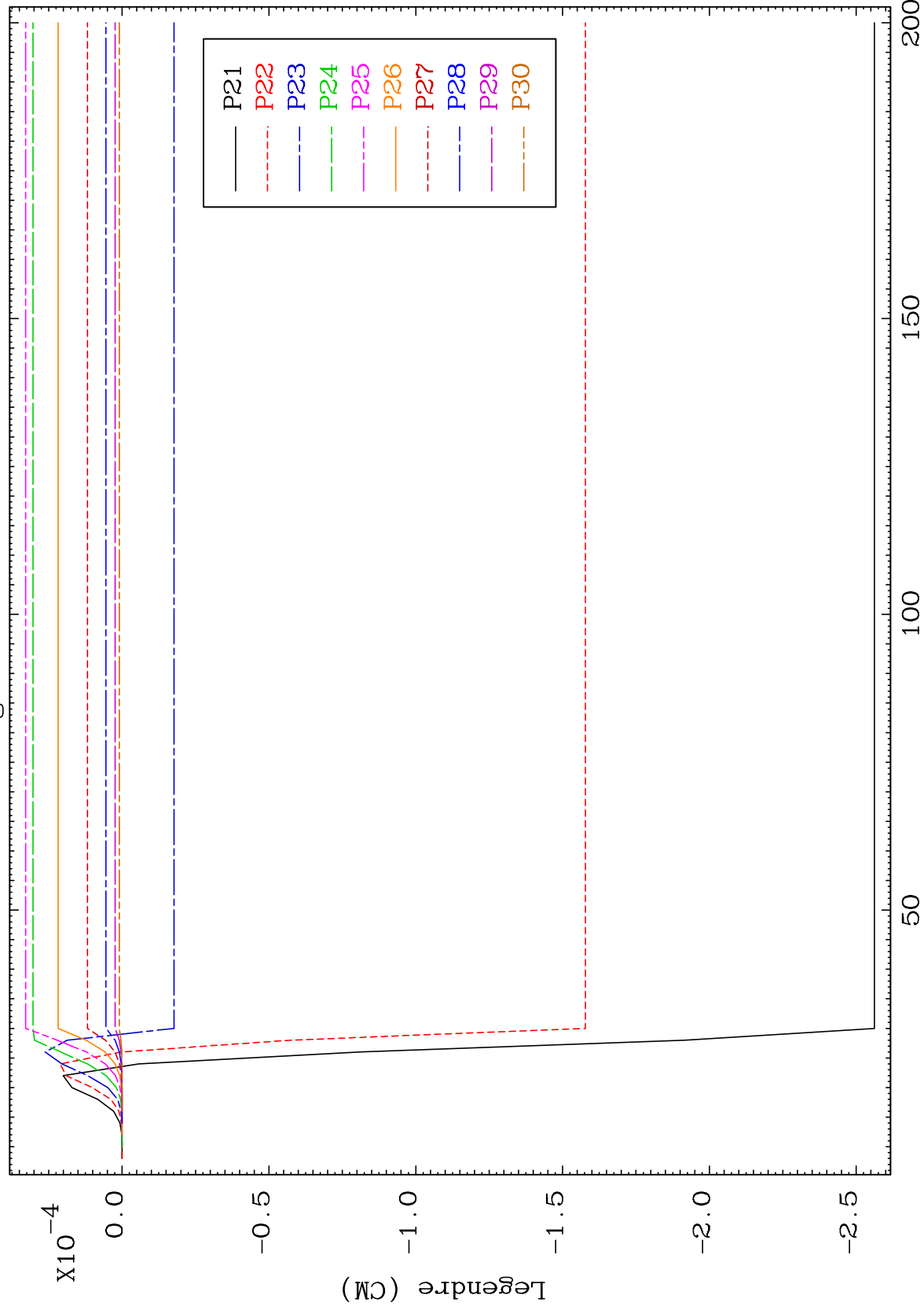
85-At-203



32

Incident Energy (MeV)

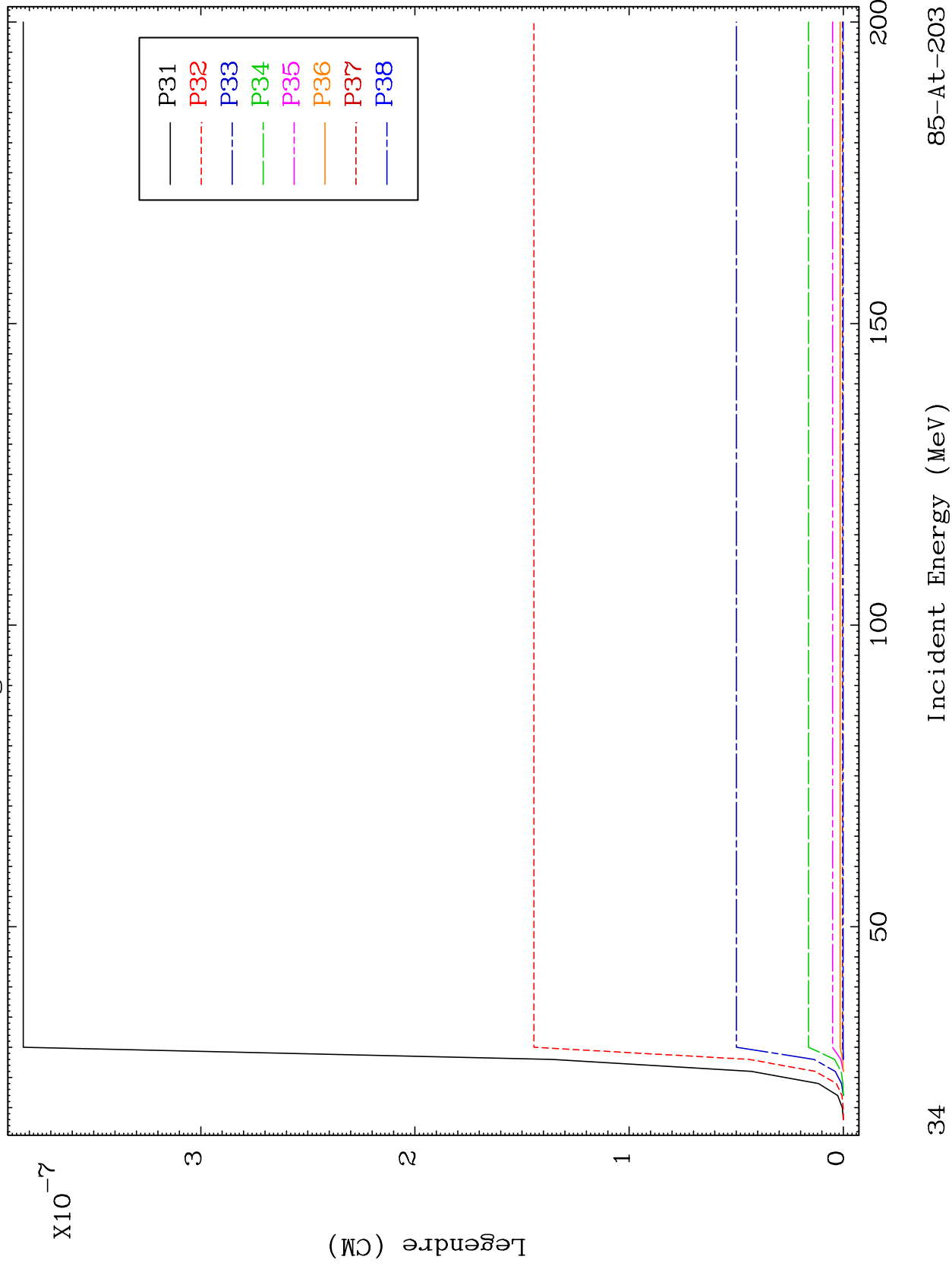
85-At-203



MAT 8525

1.225 MeV (n,n') Level
Legendre Coefficients

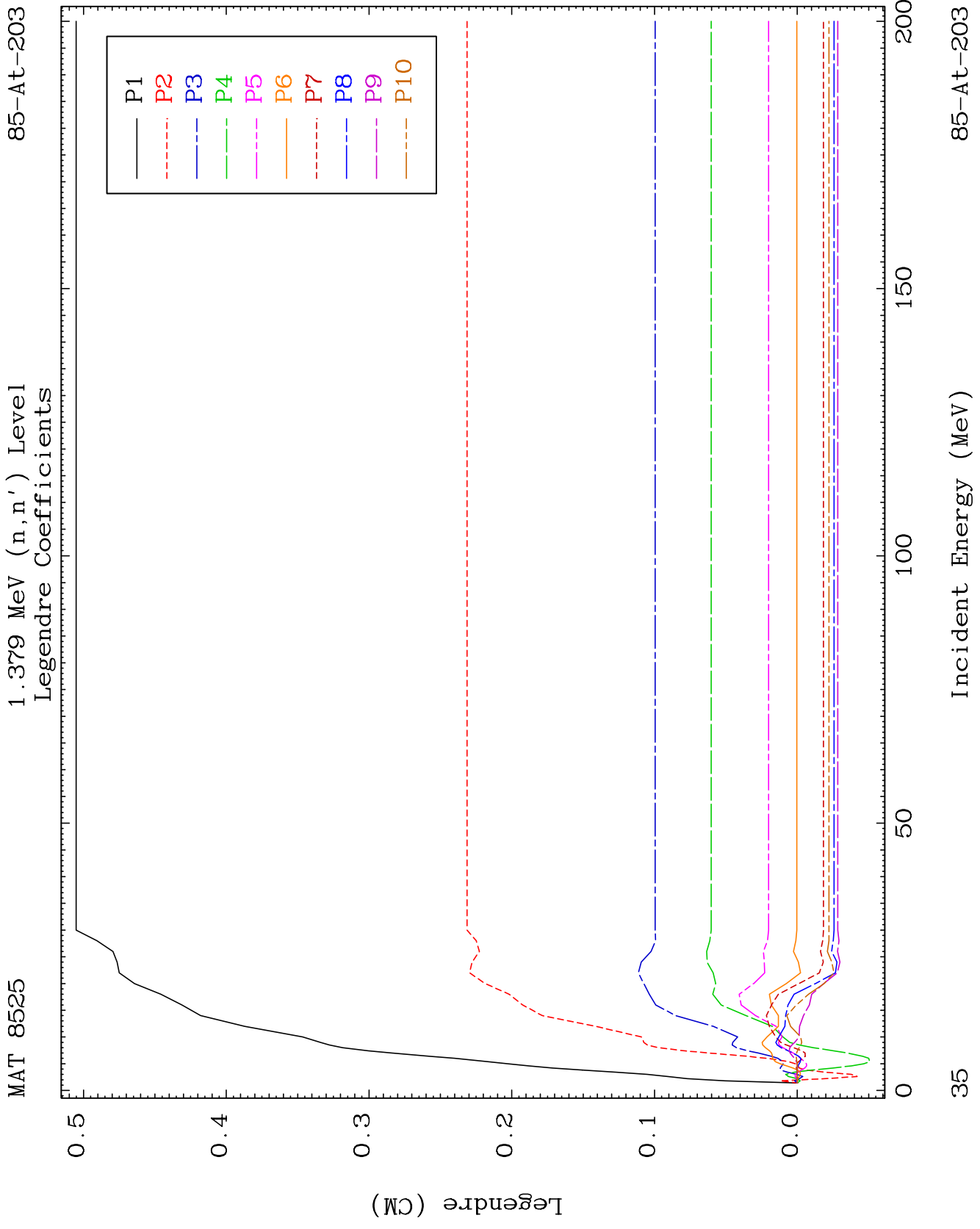
85-At-203



34

Incident Energy (MeV)

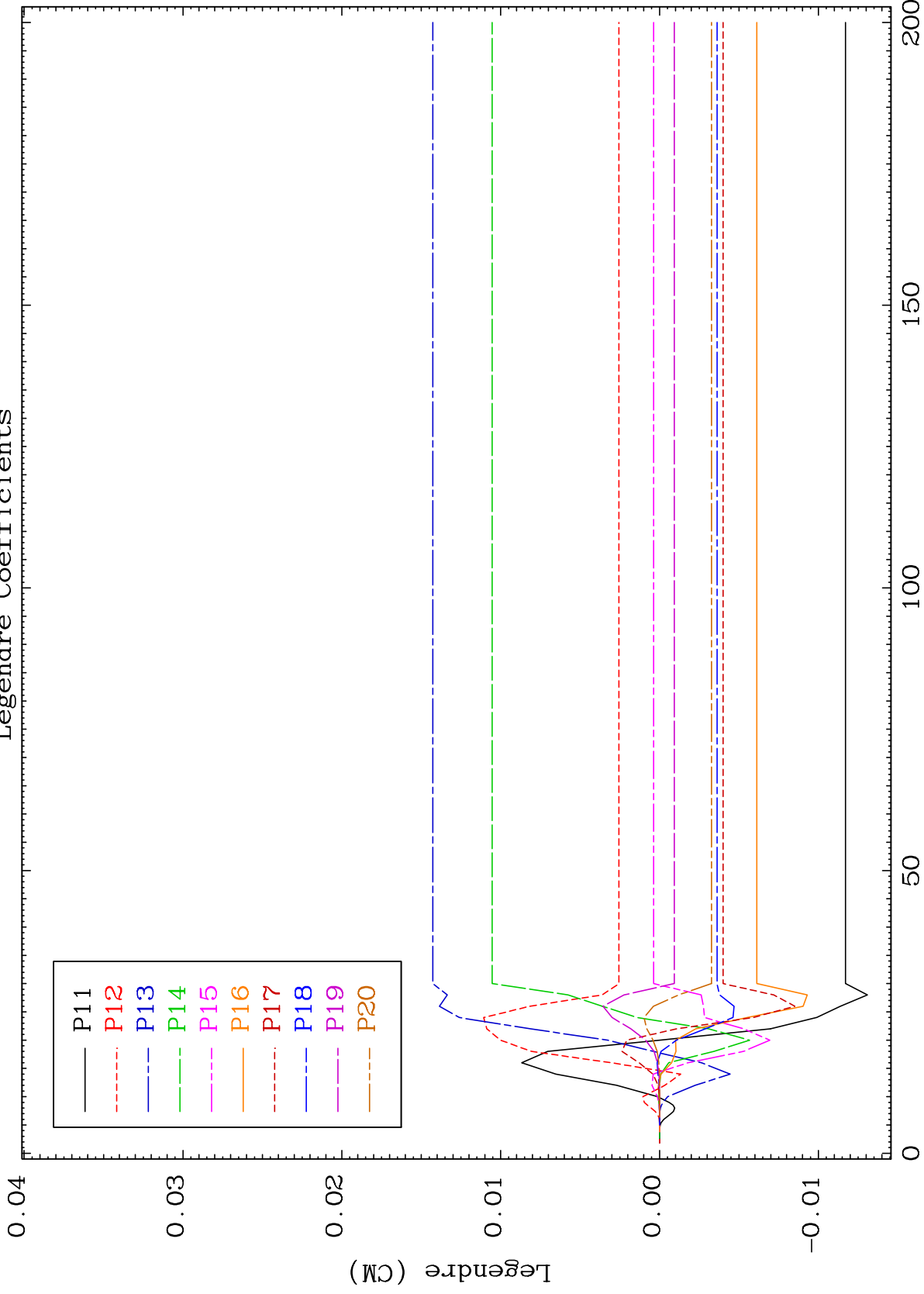
85-At-203



MAT 8525

1.379 MeV (n,n') Level
Legendre Coefficients

85-At-203



36

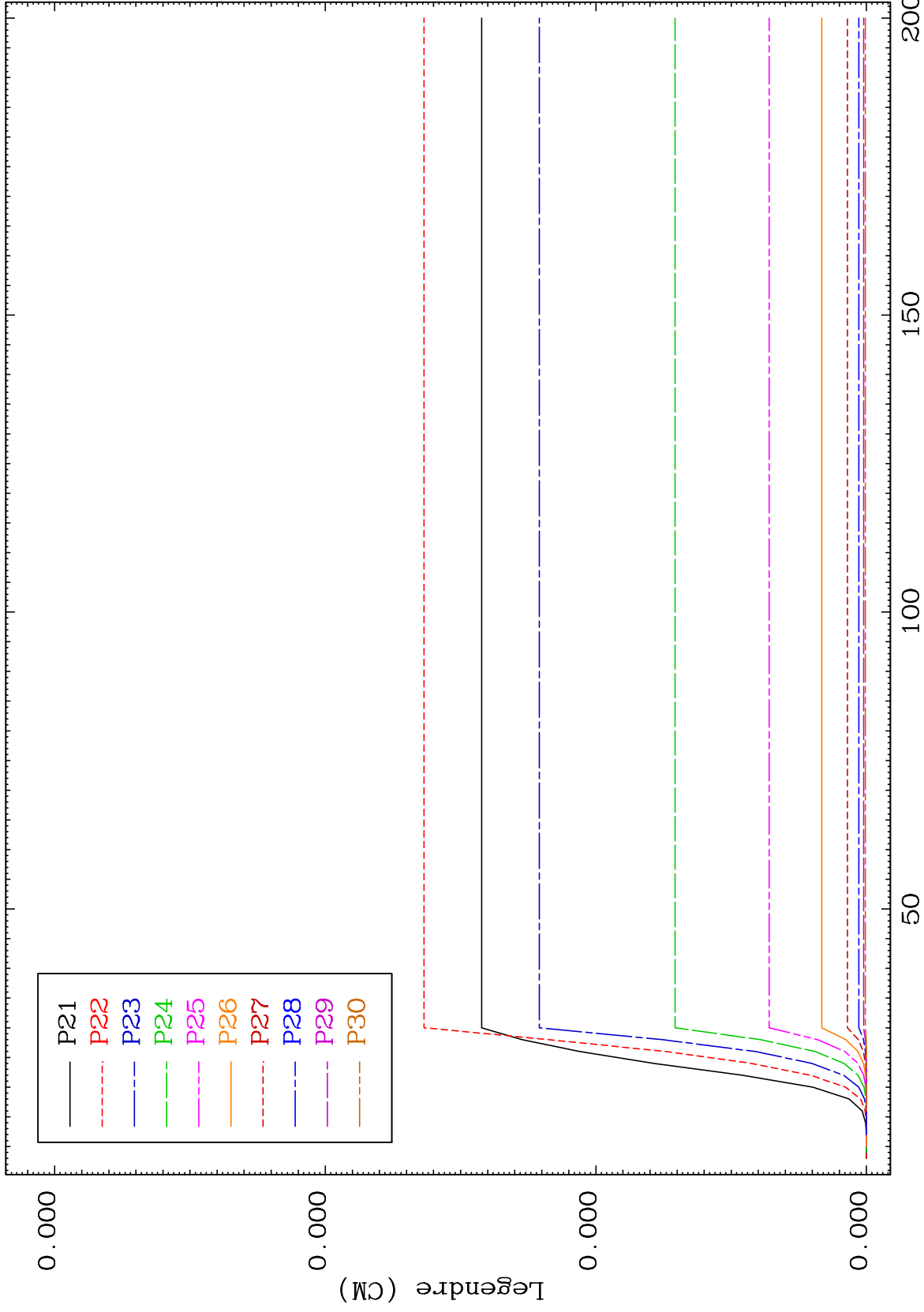
Incident Energy (MeV)

85-At-203

MAT 8525

1.379 MeV (n,n') Level
Legendre Coefficients

85-At-203



37

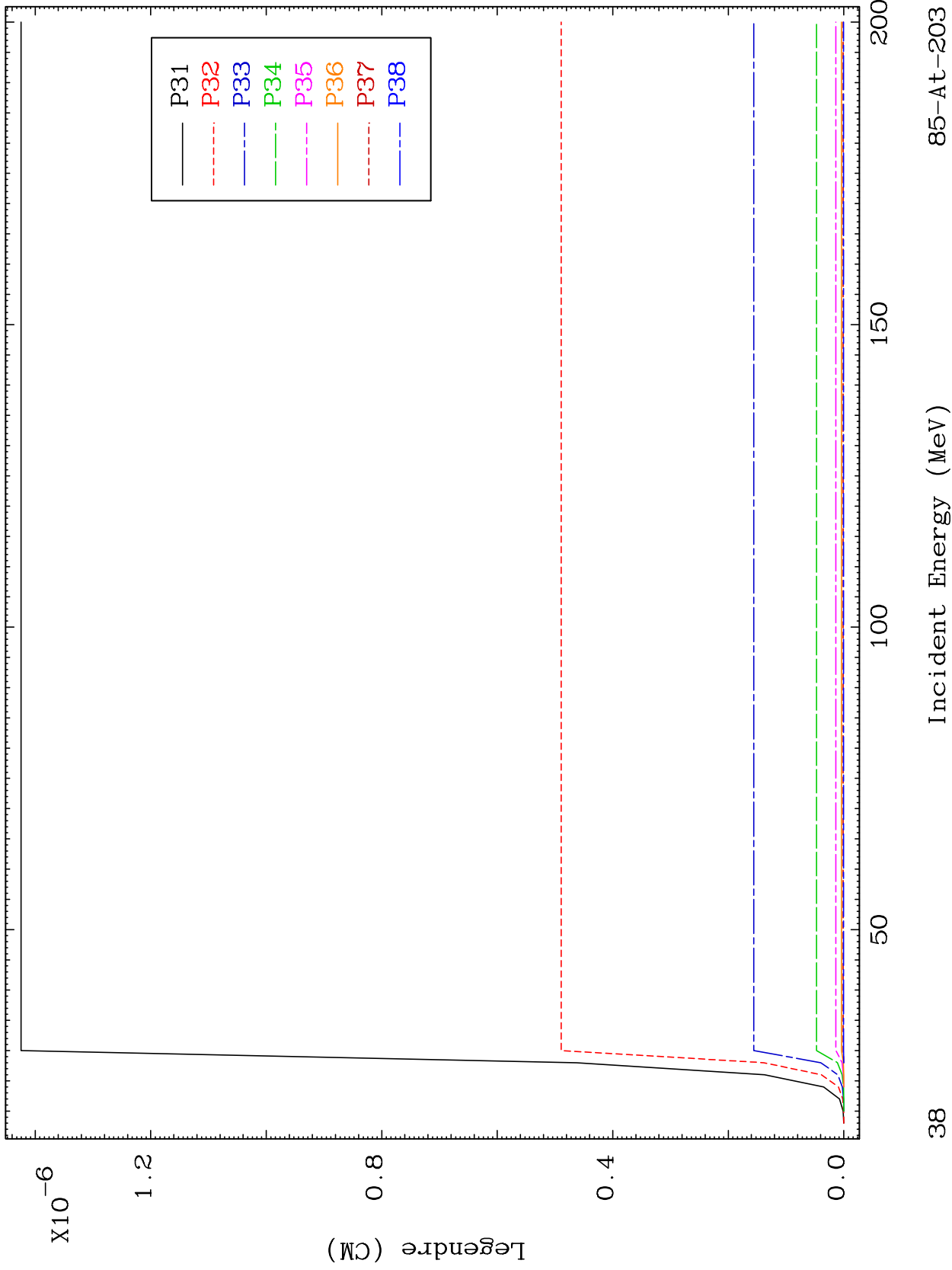
Incident Energy (MeV)

85-At-203

MAT 8525

1.379 MeV (n,n') Level
Legendre Coefficients

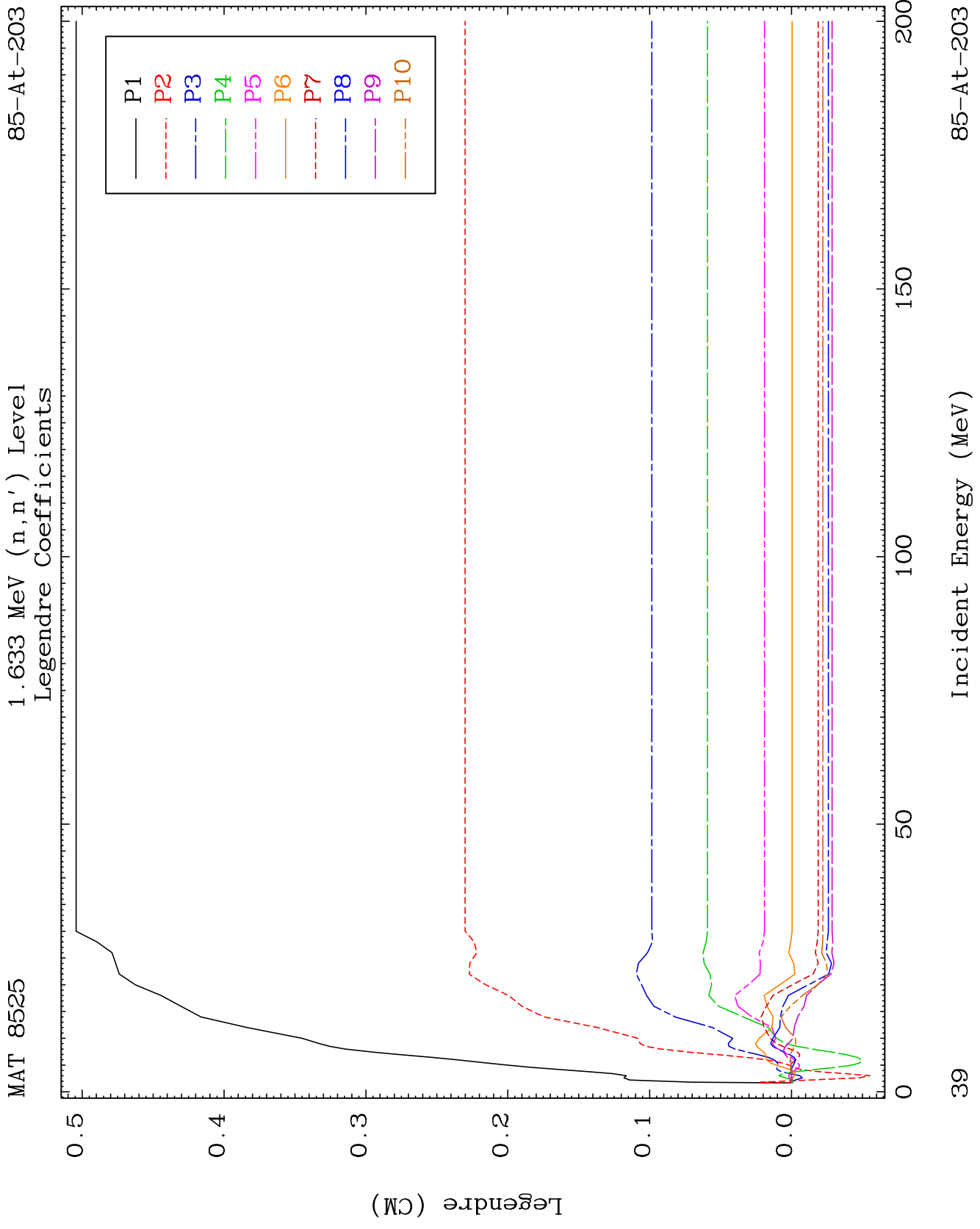
85-At-203



38

Incident Energy (MeV)

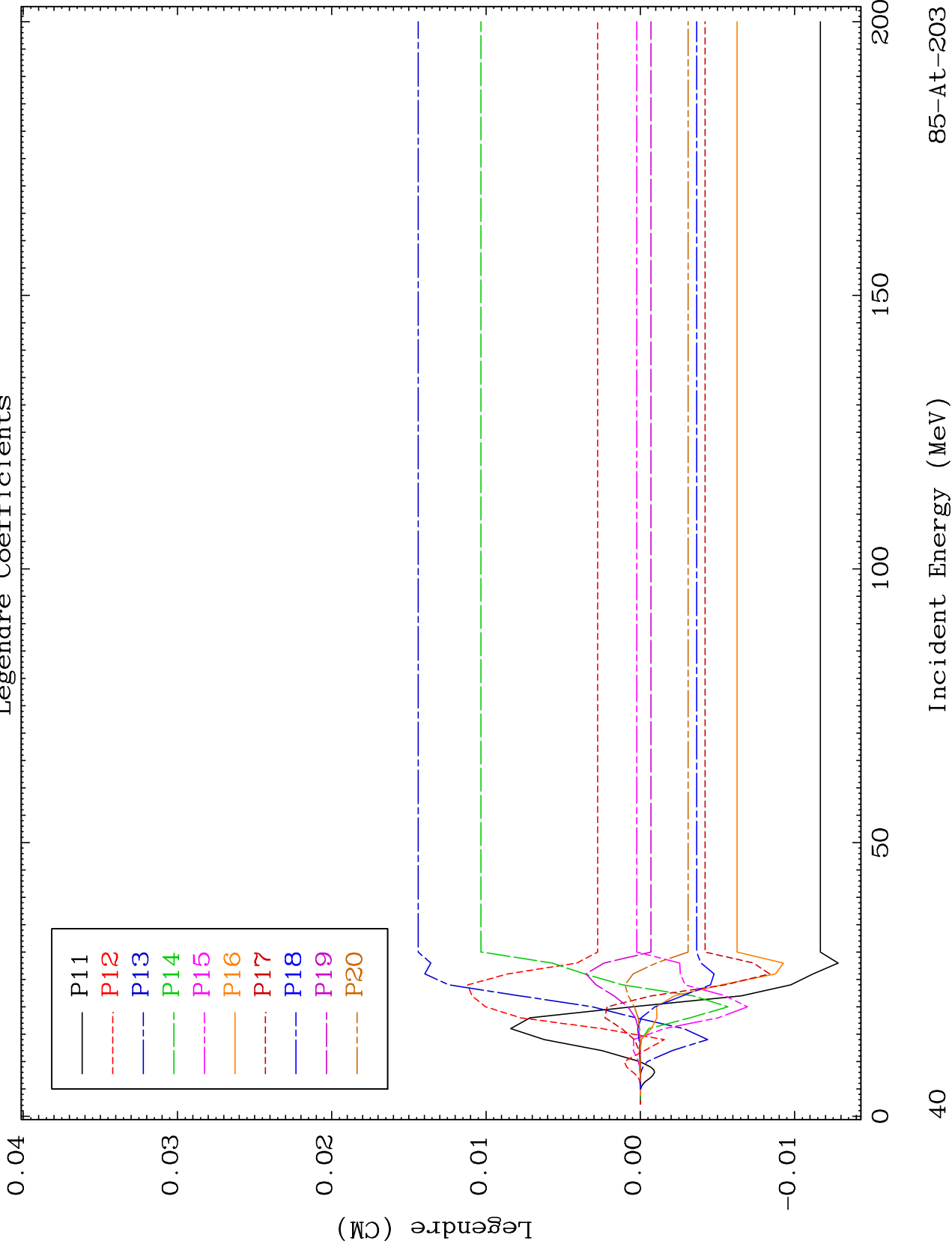
85-At-203



MAT 8525

1.633 MeV (n,n') Level
Legendre Coefficients

85-At-203



85-At-203

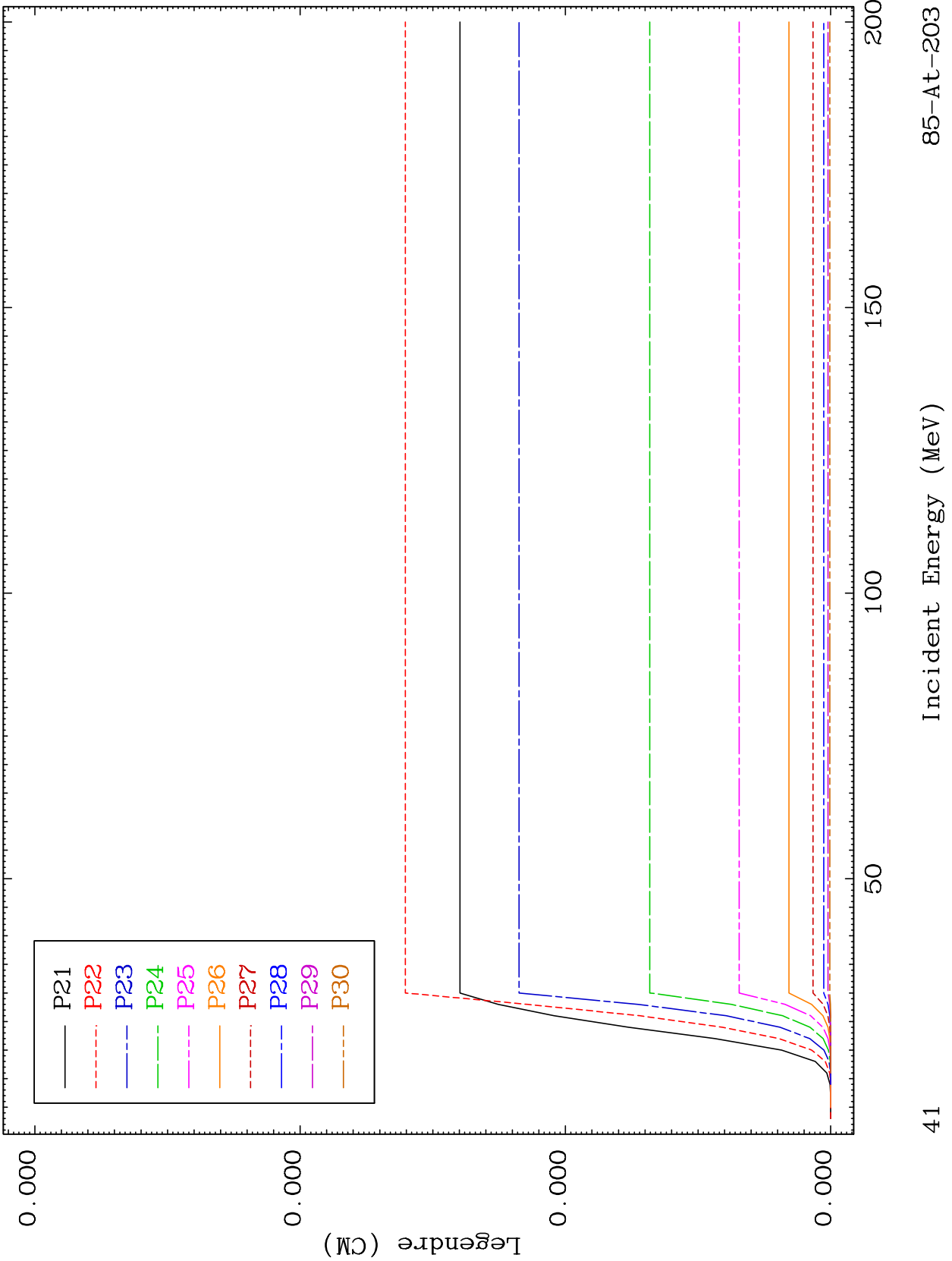
Incident Energy (MeV)

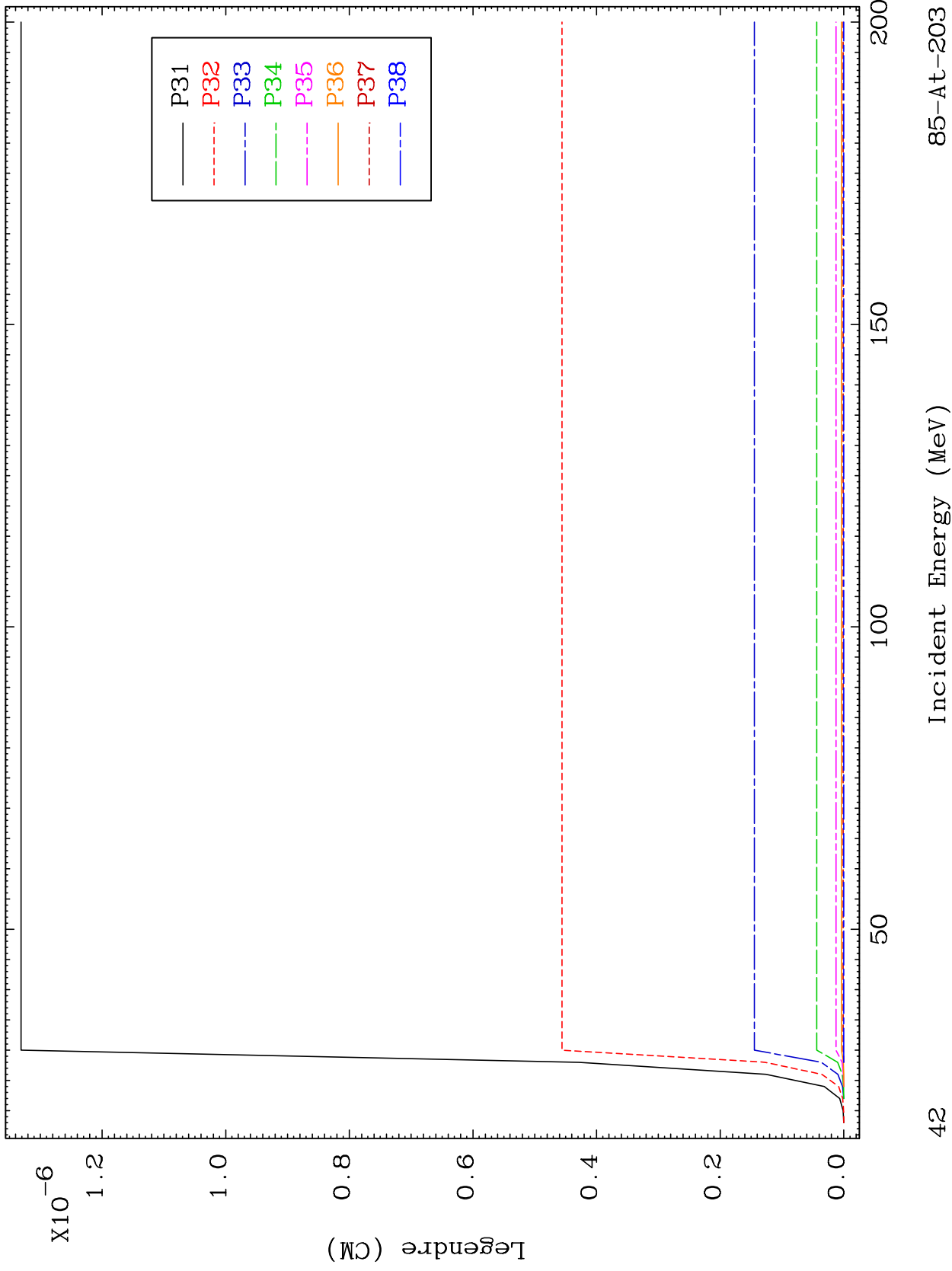
40

MAT 8525

1.633 MeV (n,n') Level Legendre Coefficients

85-At-203

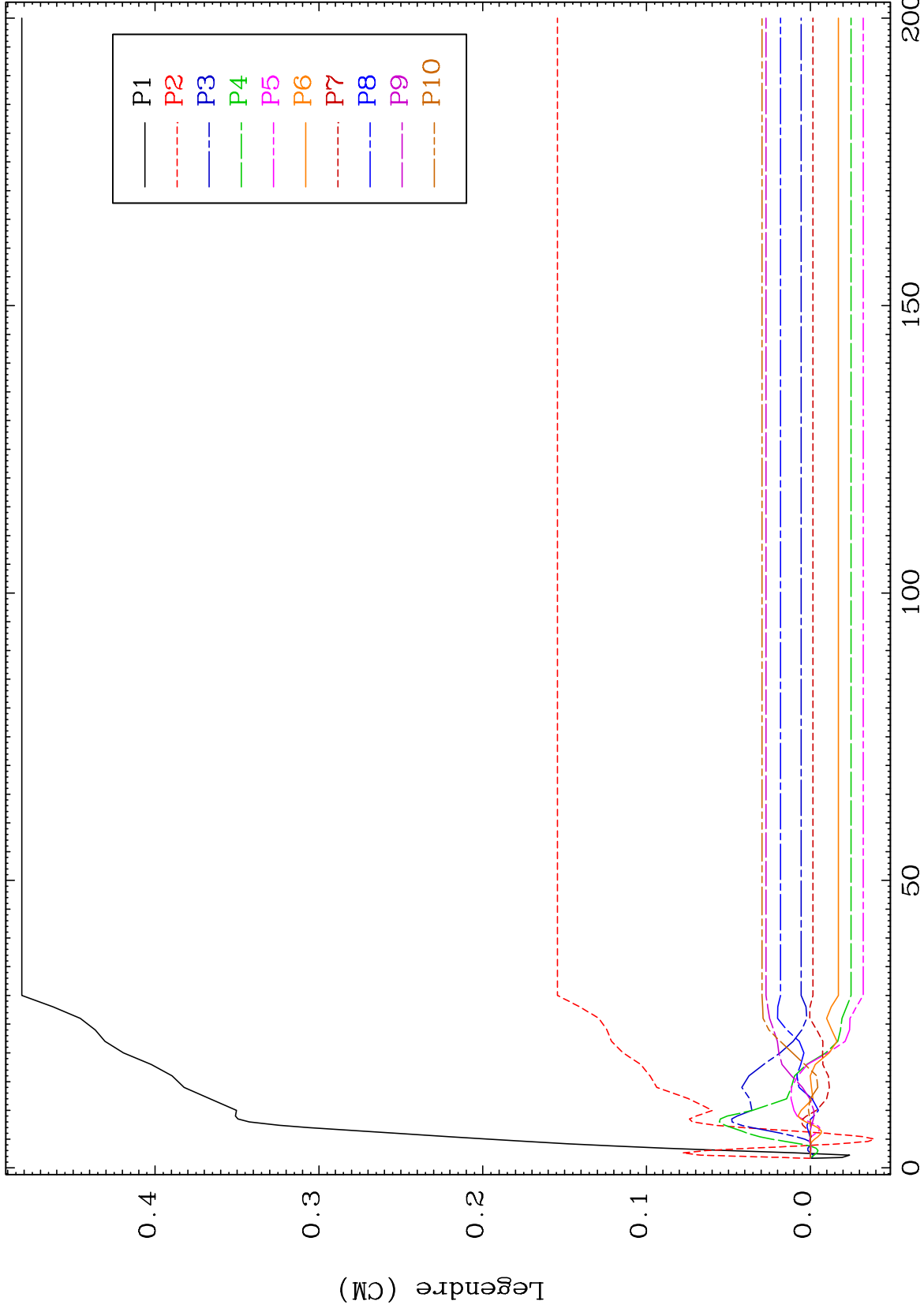




MAT 8525

1.637 MeV (n,n') Level
Legendre Coefficients

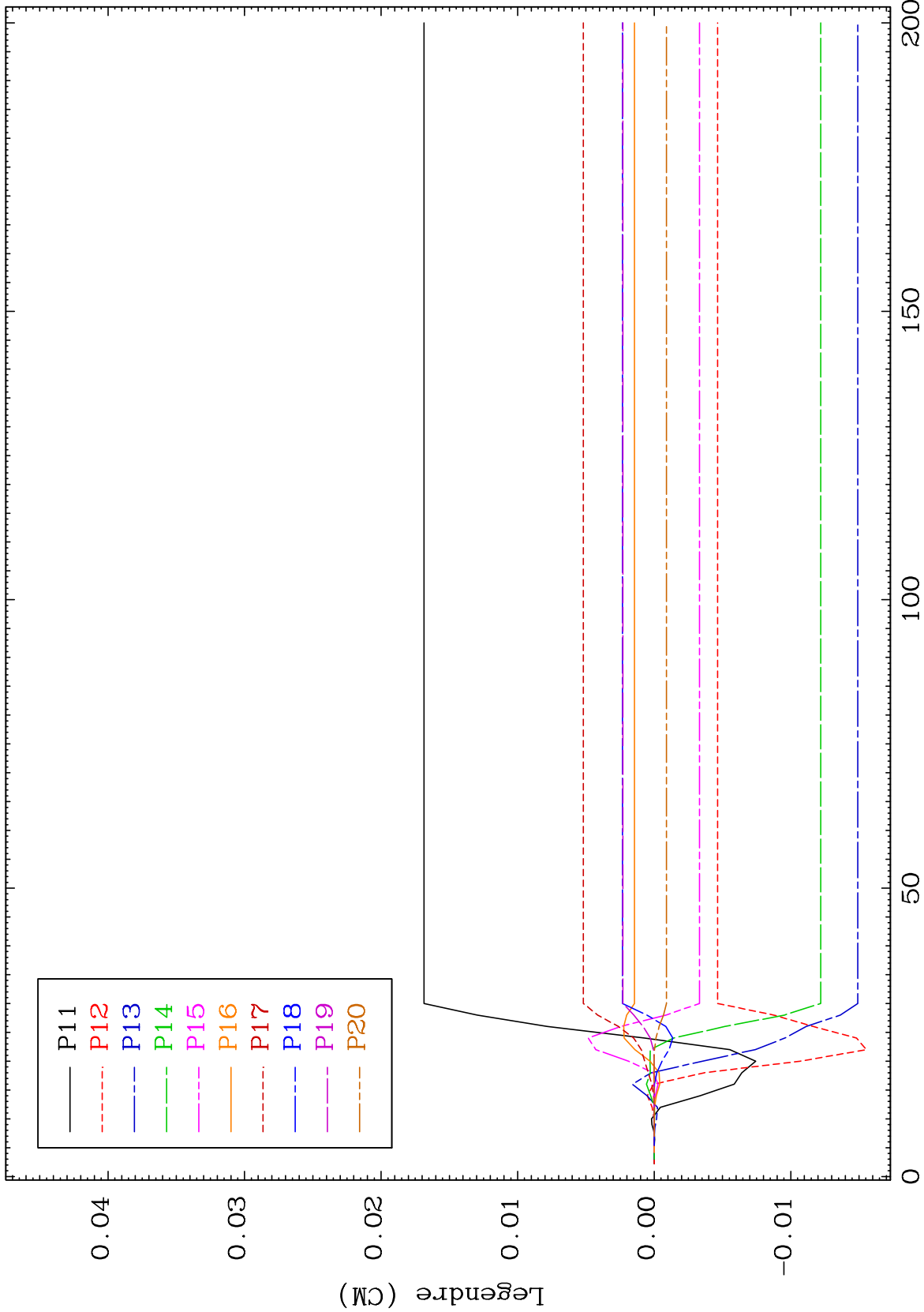
85-At-203



43

Incident Energy (MeV)

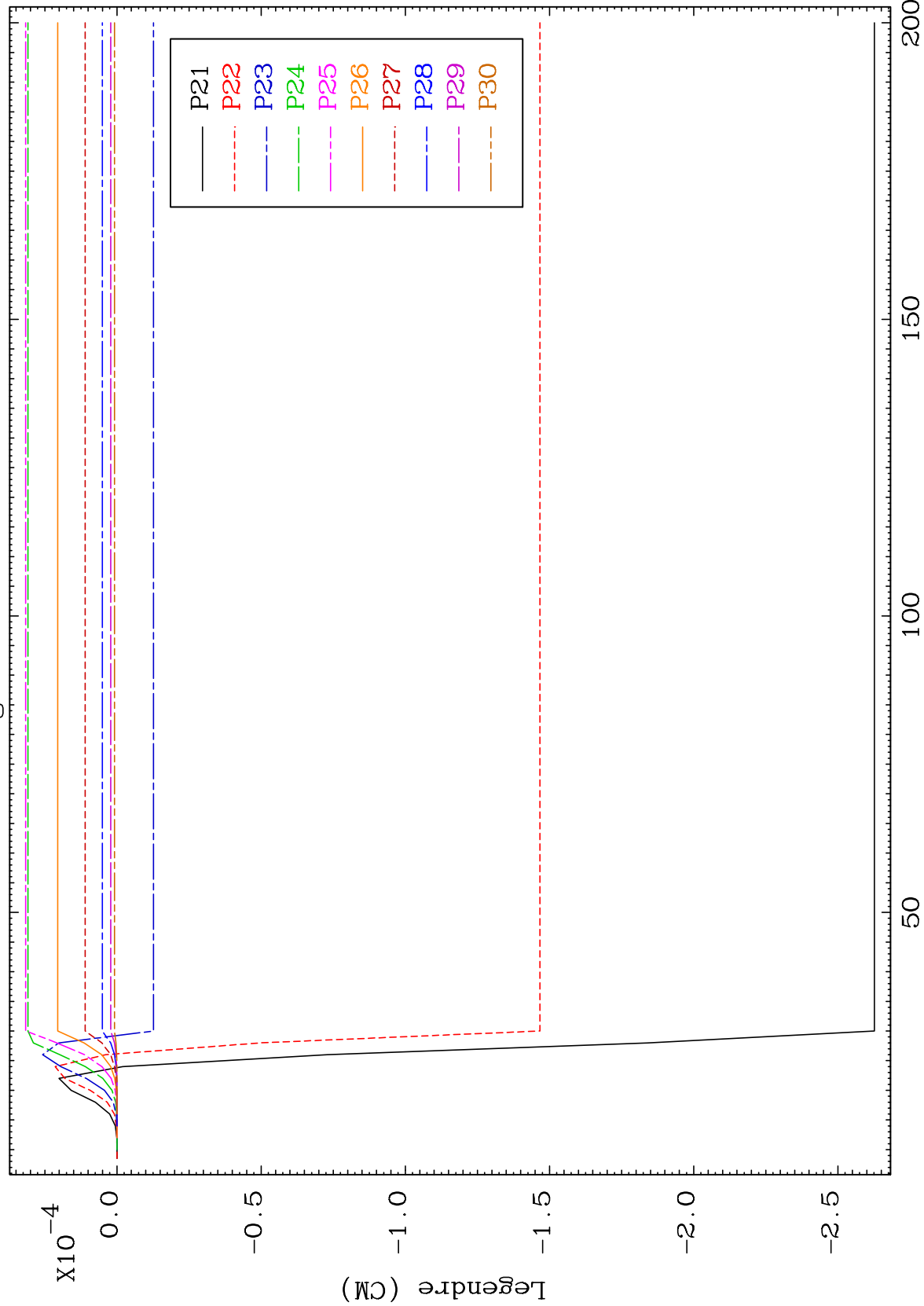
85-At-203



MAT 8525

1.637 MeV (n,n') Level
Legendre Coefficients

85-At-203



45

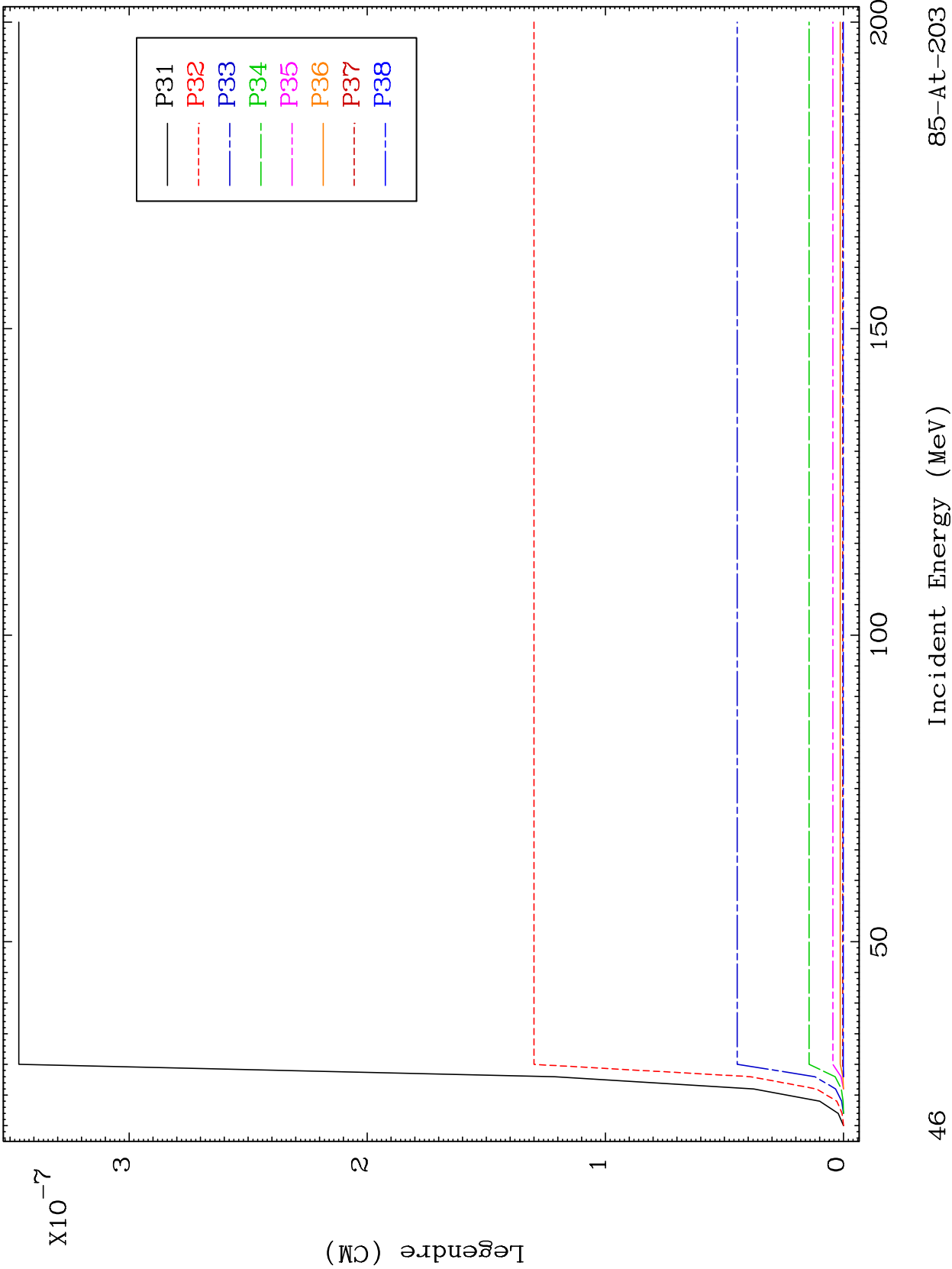
Incident Energy (MeV)

85-At-203

MAT 8525

1.637 MeV (n,n') Level
Legendre Coefficients

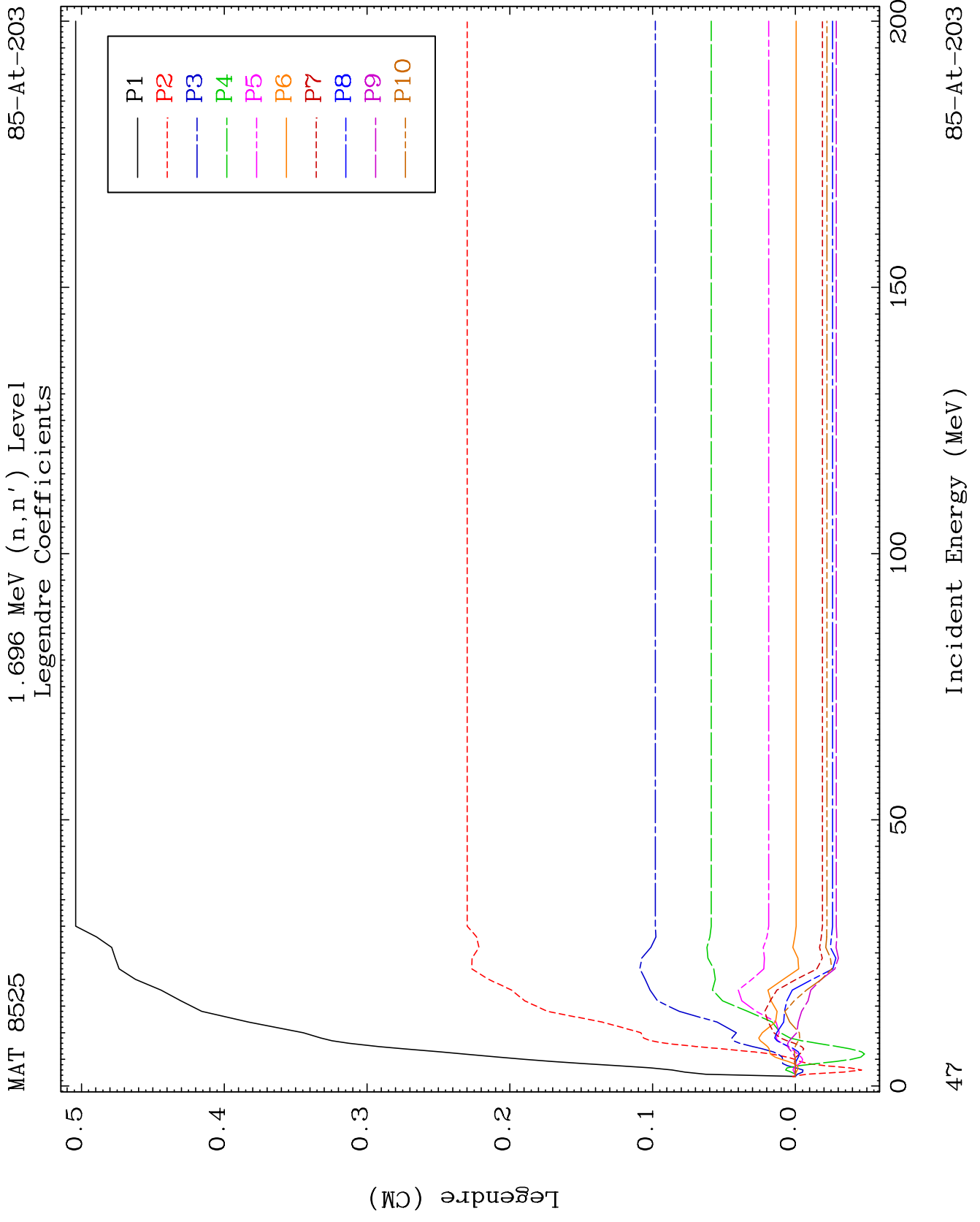
85-At-203



46

Incident Energy (MeV)

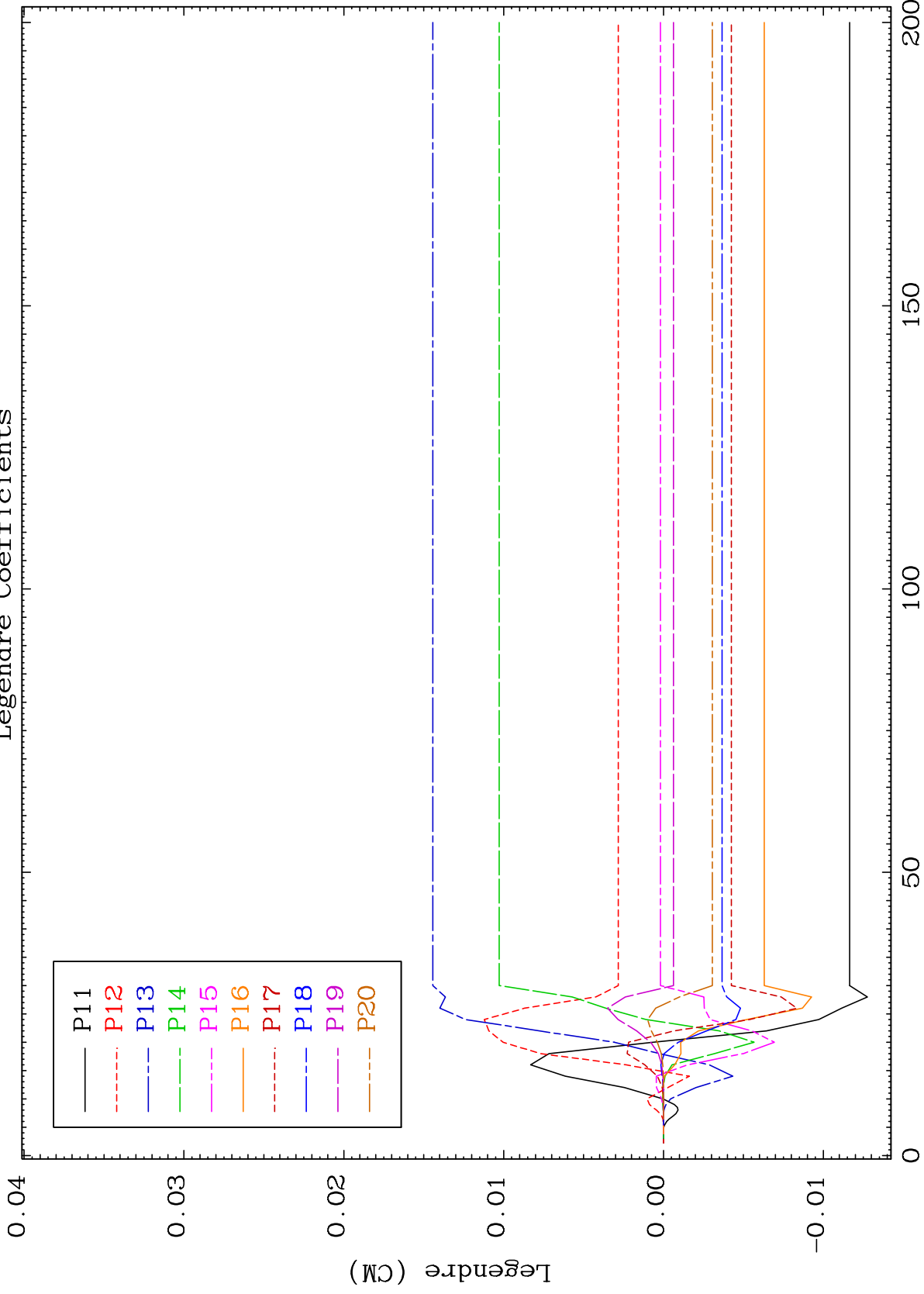
85-At-203



MAT 8525

1.696 MeV (n,n') Level
Legendre Coefficients

85-At-203



48

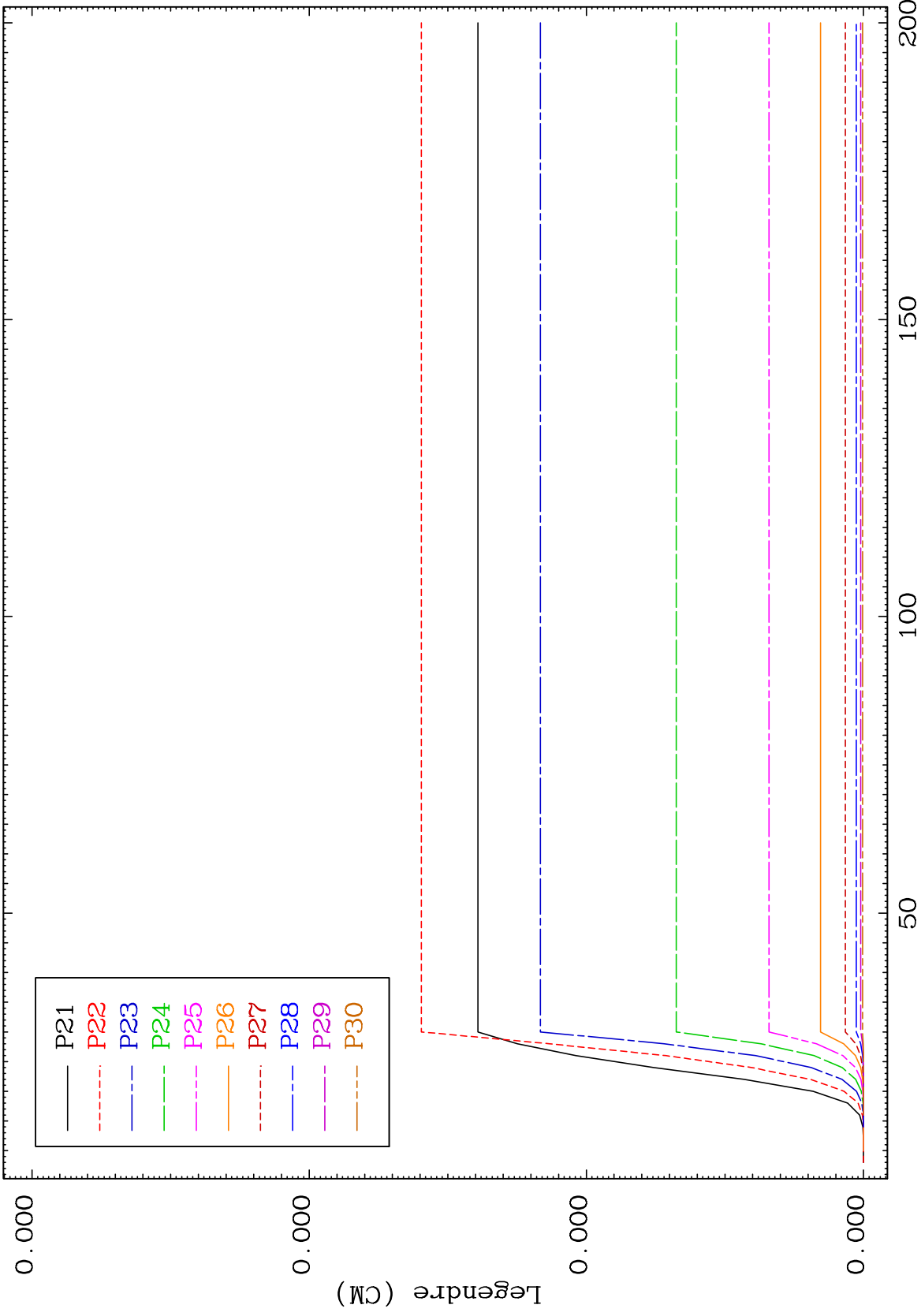
Incident Energy (MeV)

85-At-203

MAT 8525

1.696 MeV (n,n') Level
Legendre Coefficients

85-At-203



49

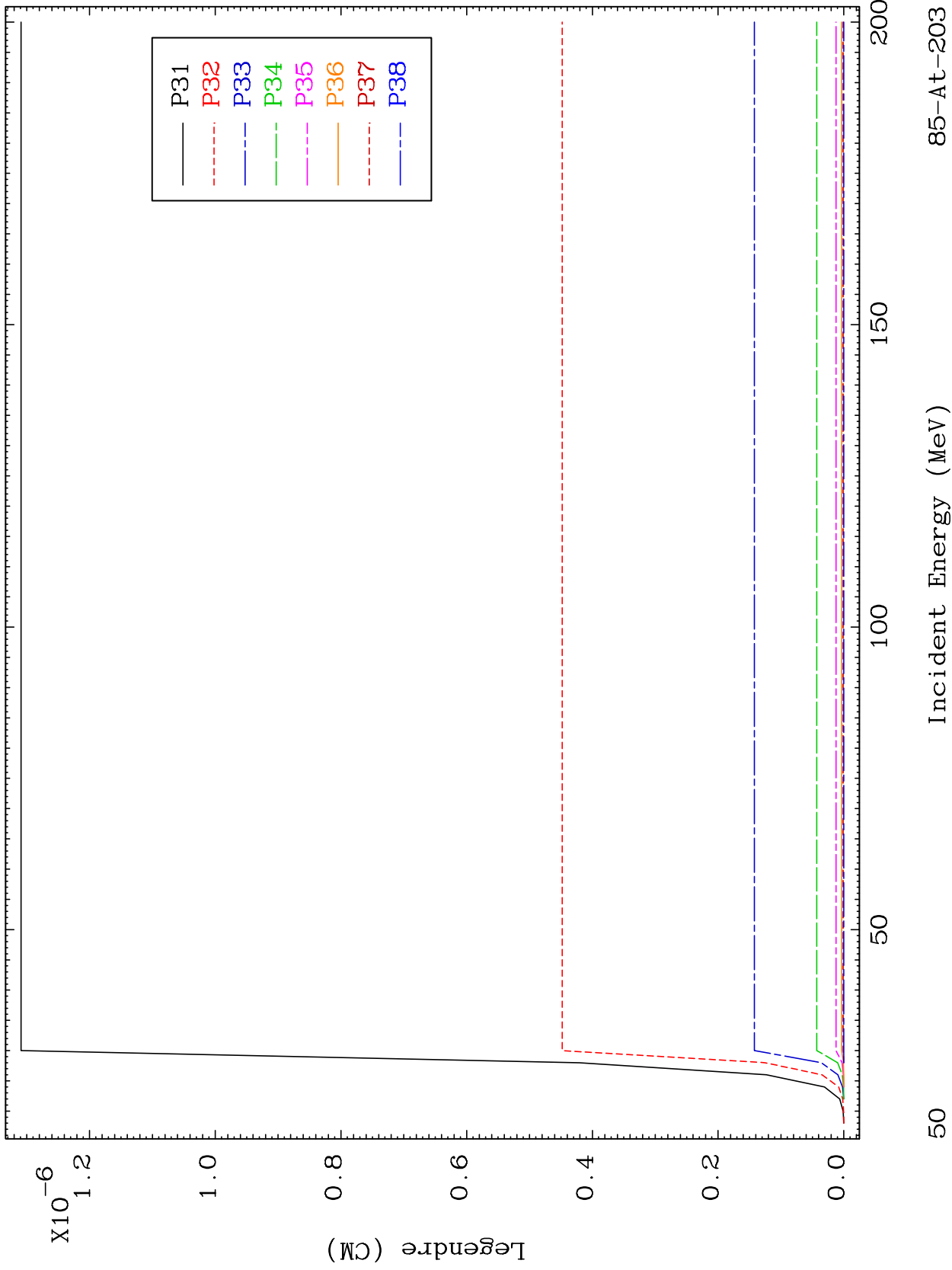
Incident Energy (MeV)

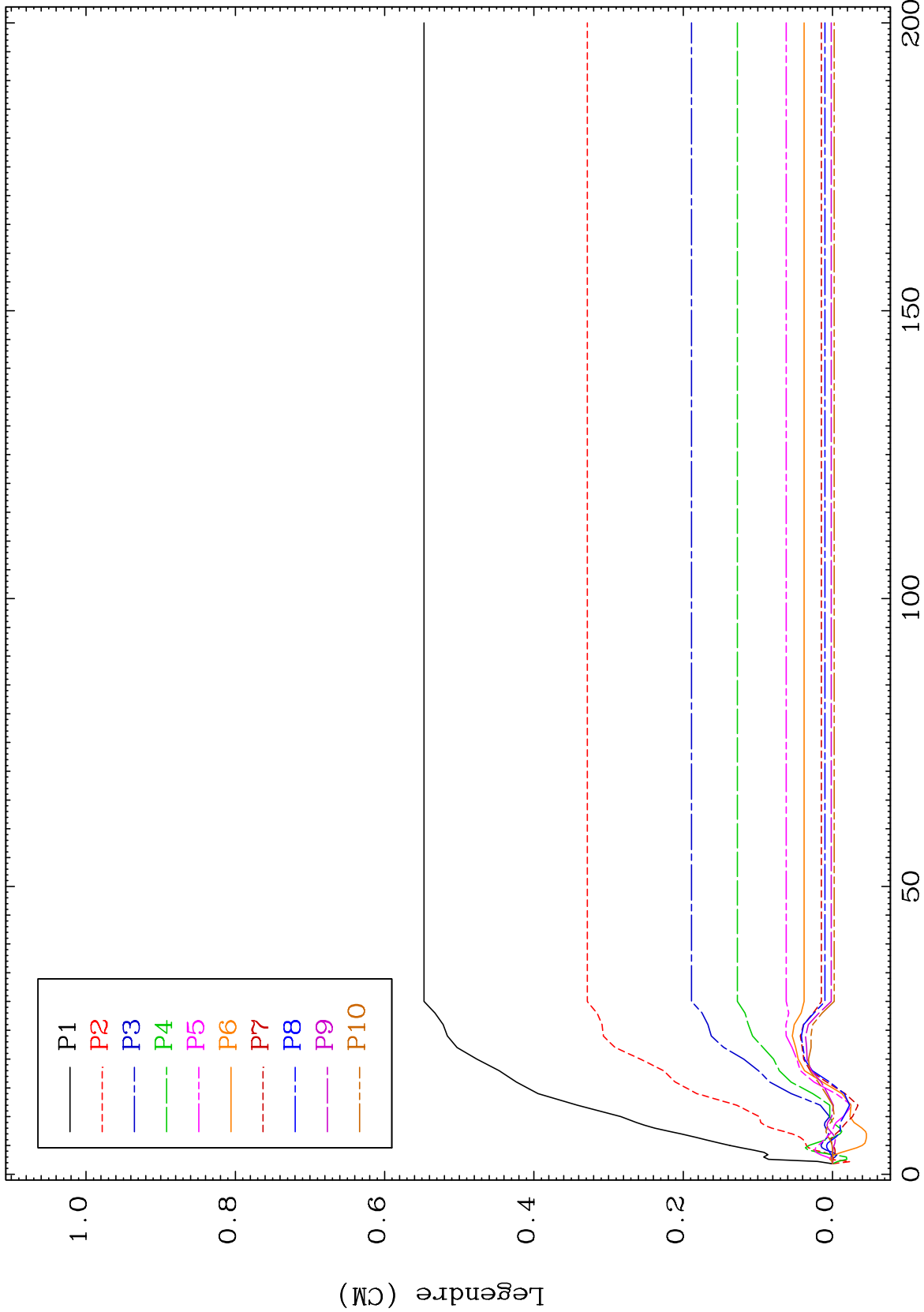
85-At-203

MAT 8525

1.696 MeV (n,n') Level
Legendre Coefficients

85-At-203

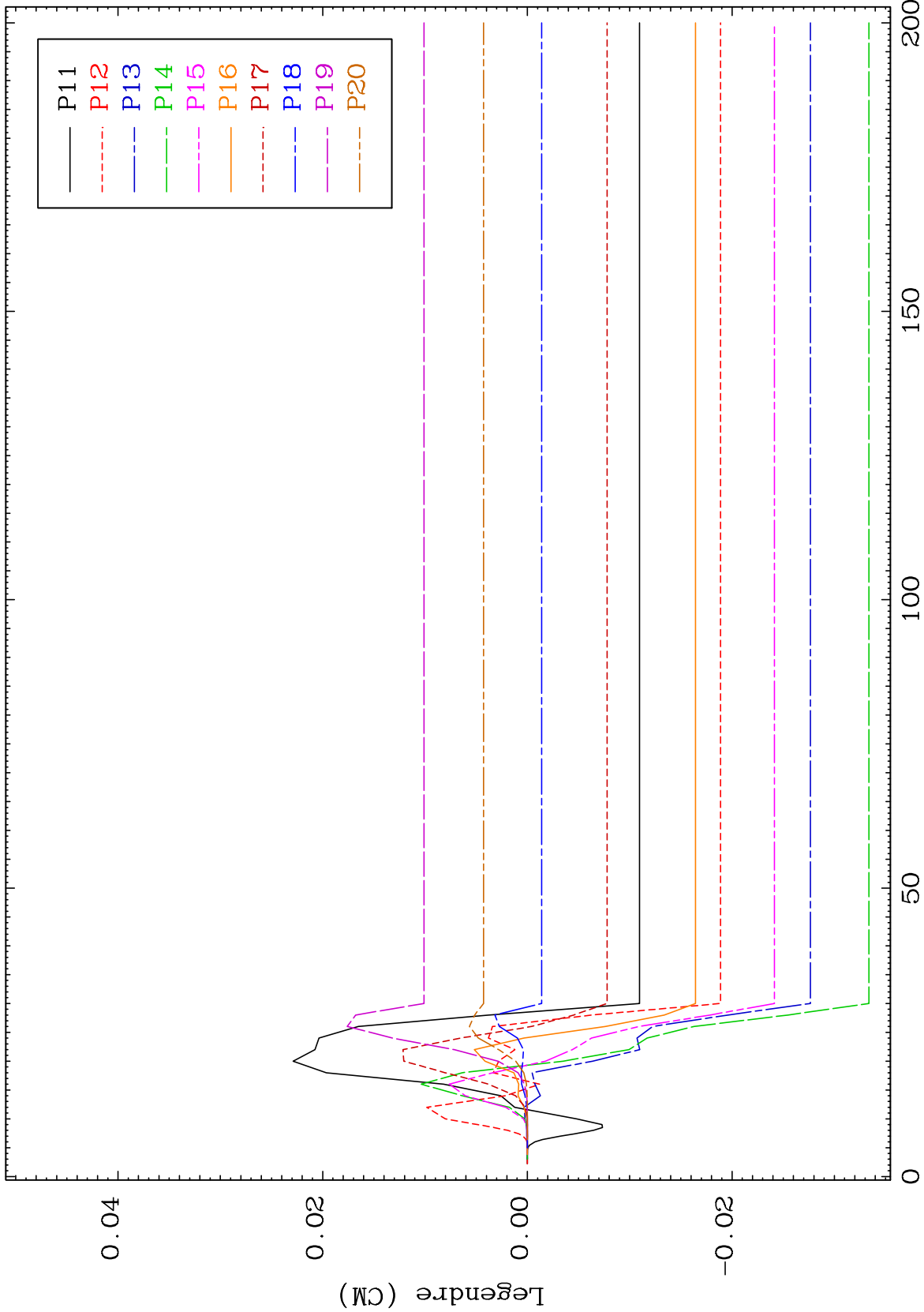




MAT 8525

1.793 MeV (n,n') Level Legendre Coefficients

85-At-203



52

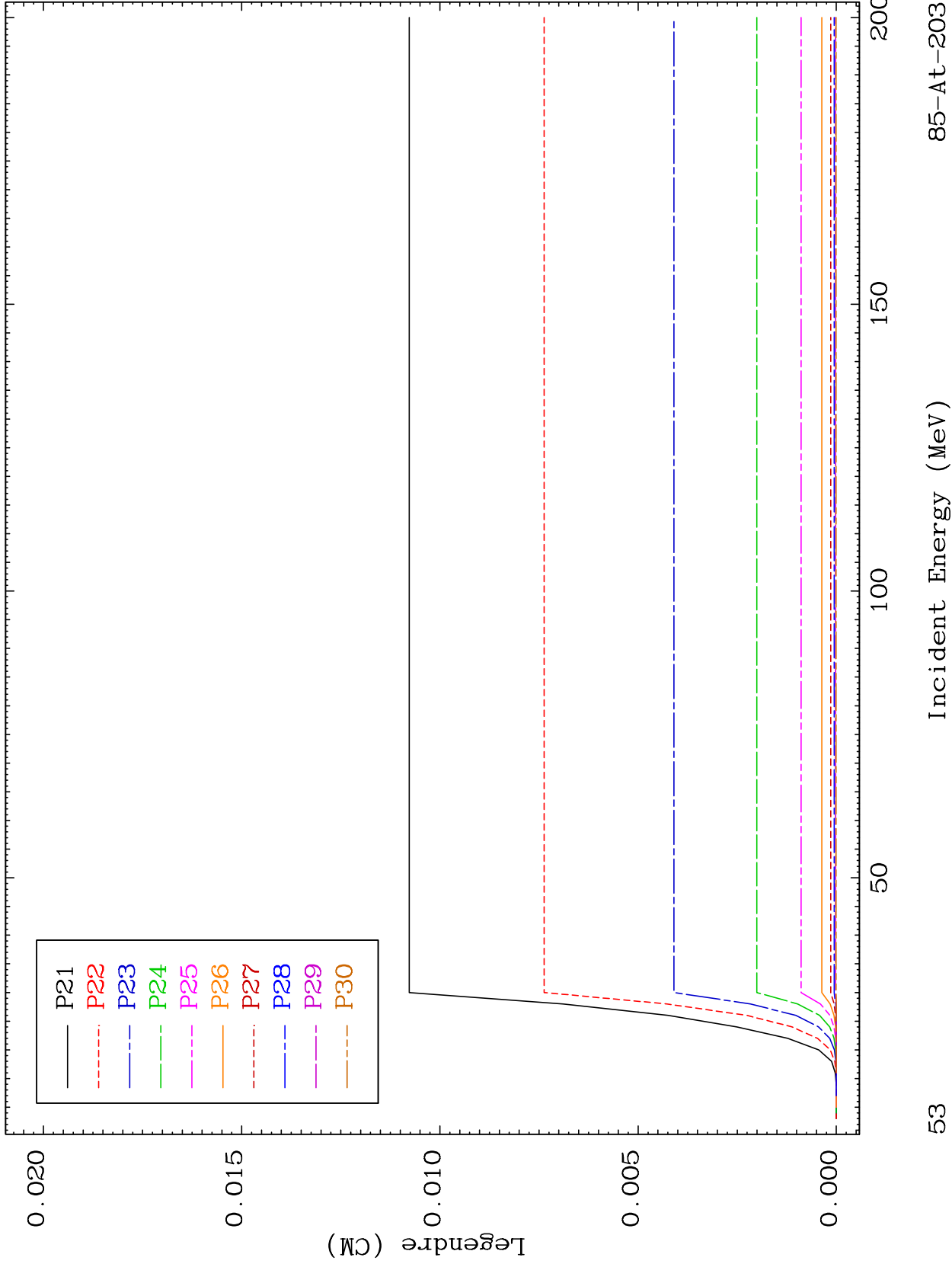
Incident Energy (MeV)

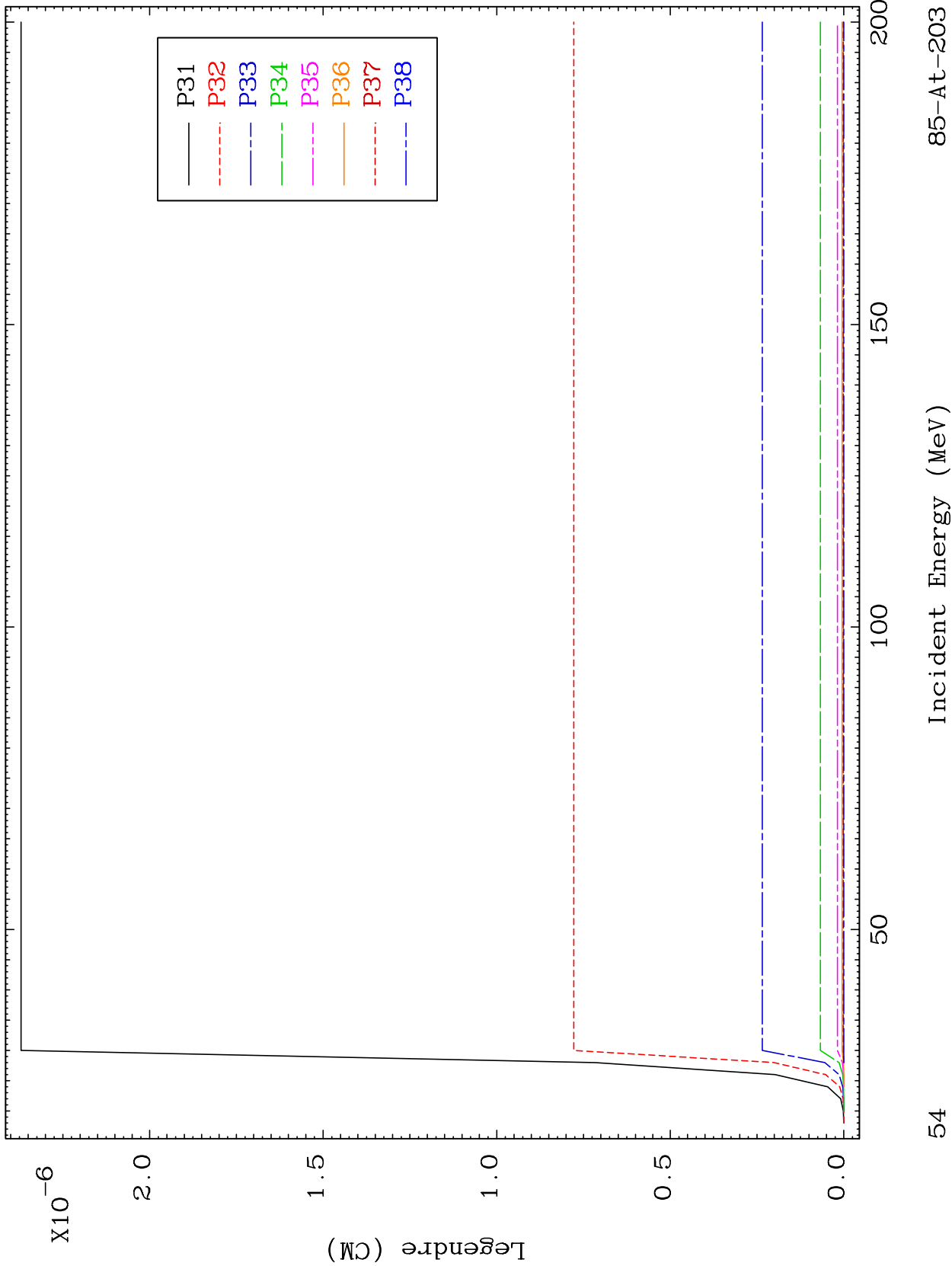
85-At-203

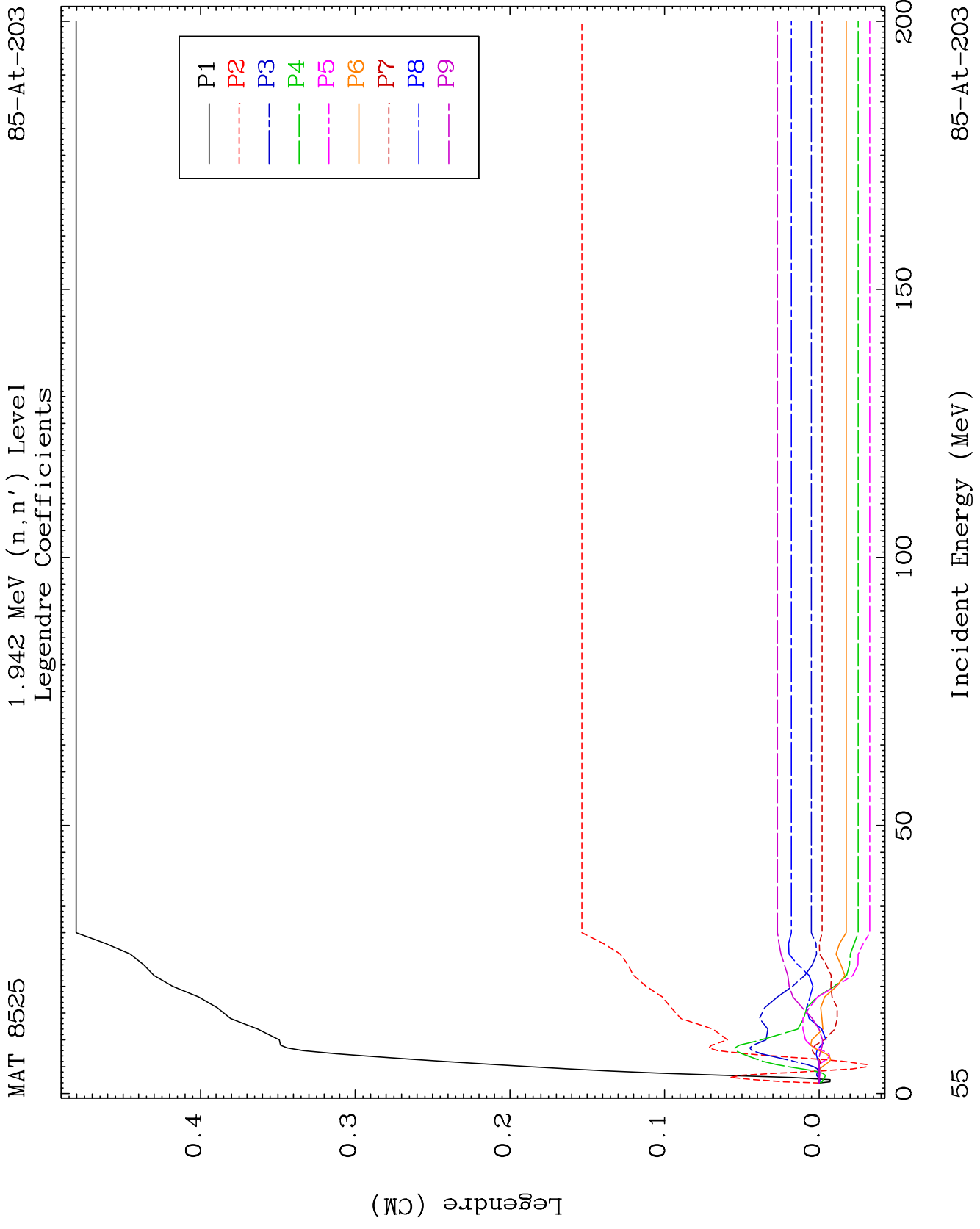
MAT 8525

1.793 MeV (n,n') Level
Legendre Coefficients

85-At-203



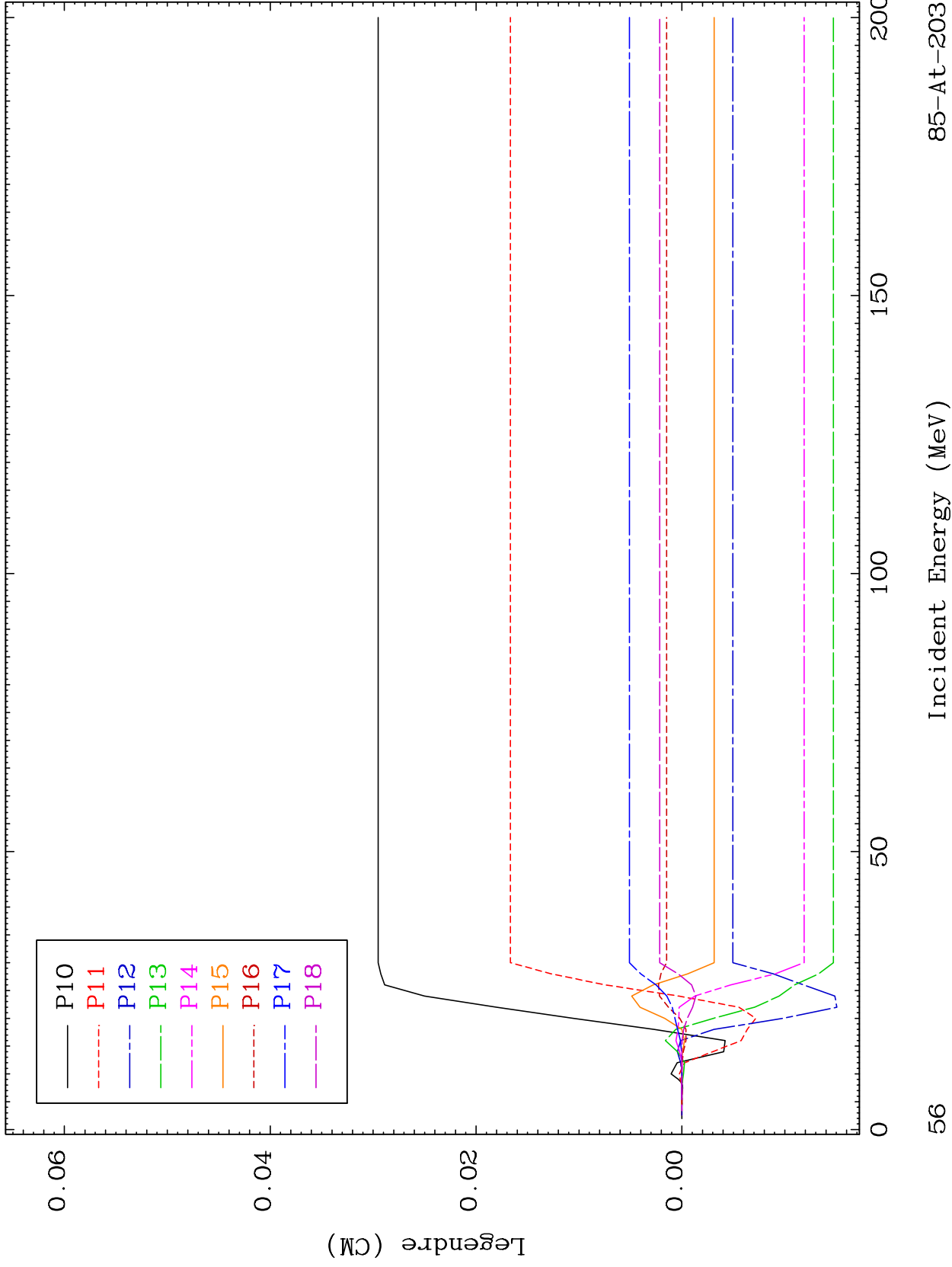




MAT 8525

1.942 MeV (n,n') Level
Legendre Coefficients

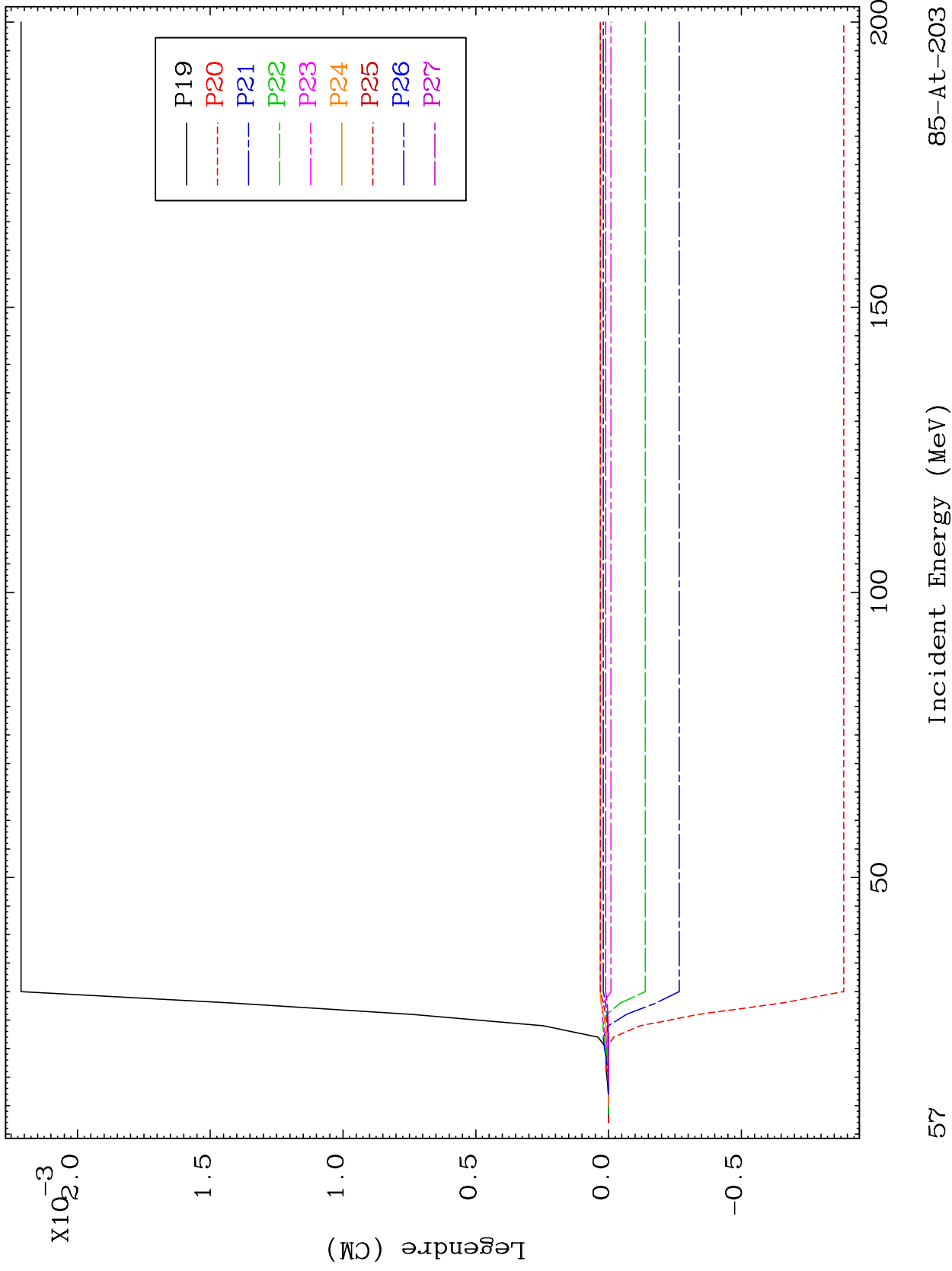
85-At-203



85-At-203

Incident Energy (MeV)

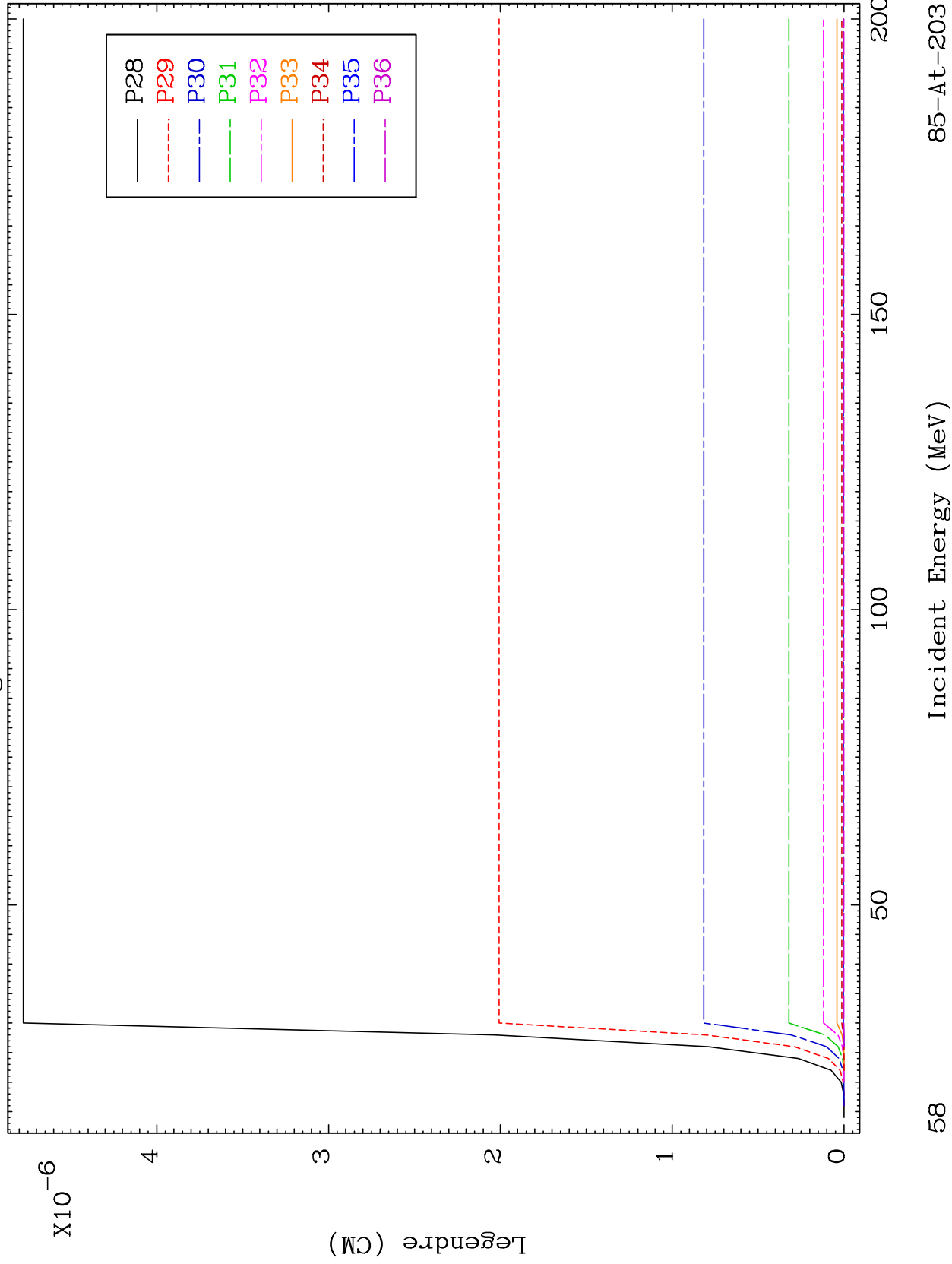
56



MAT 8525

1.942 MeV (n,n') Level
Legendre Coefficients

85-At-203



58

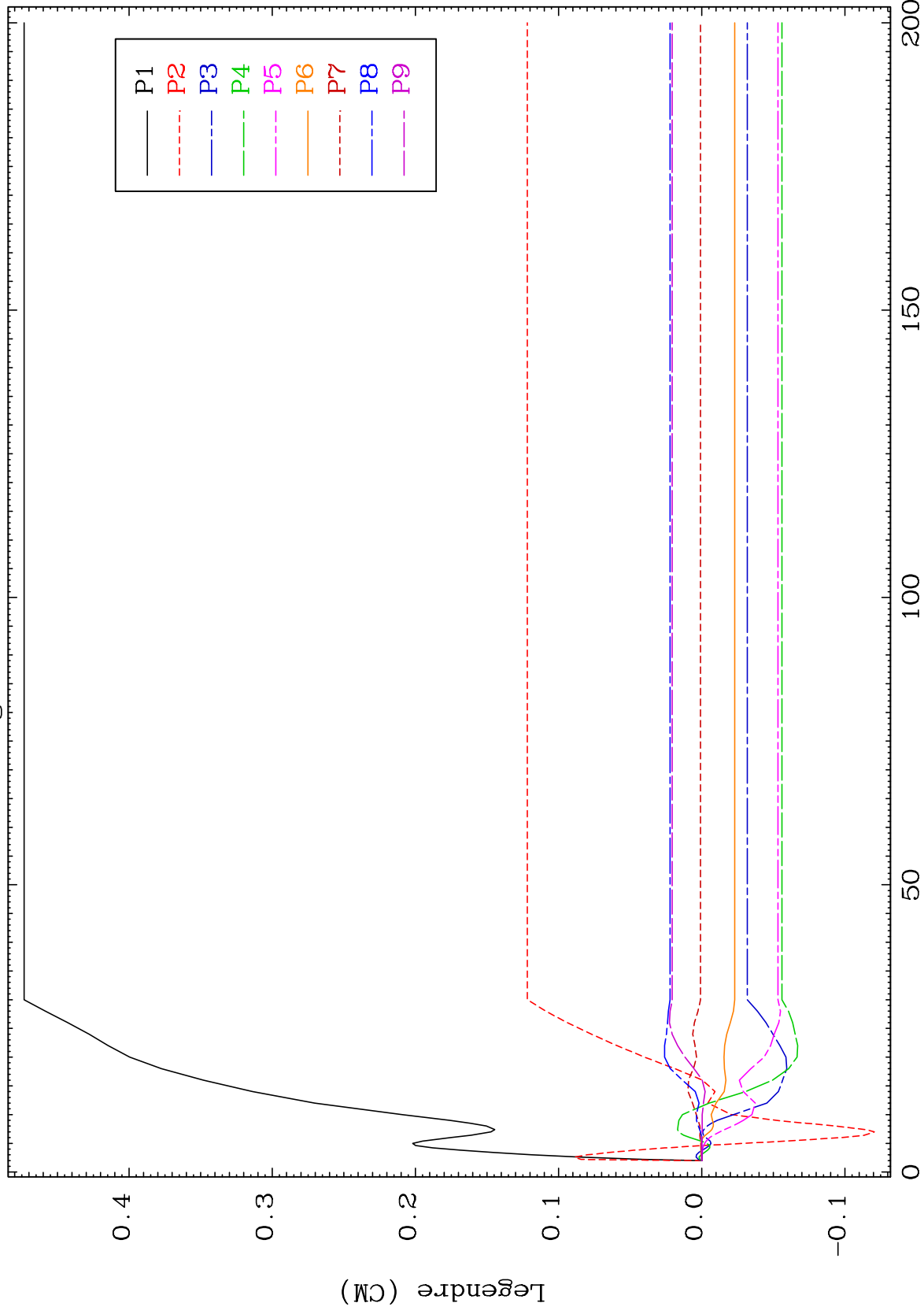
Incident Energy (MeV)

85-At-203

MAT 8525

1.965 MeV (n,n') Level
Legendre Coefficients

85-At-203



59

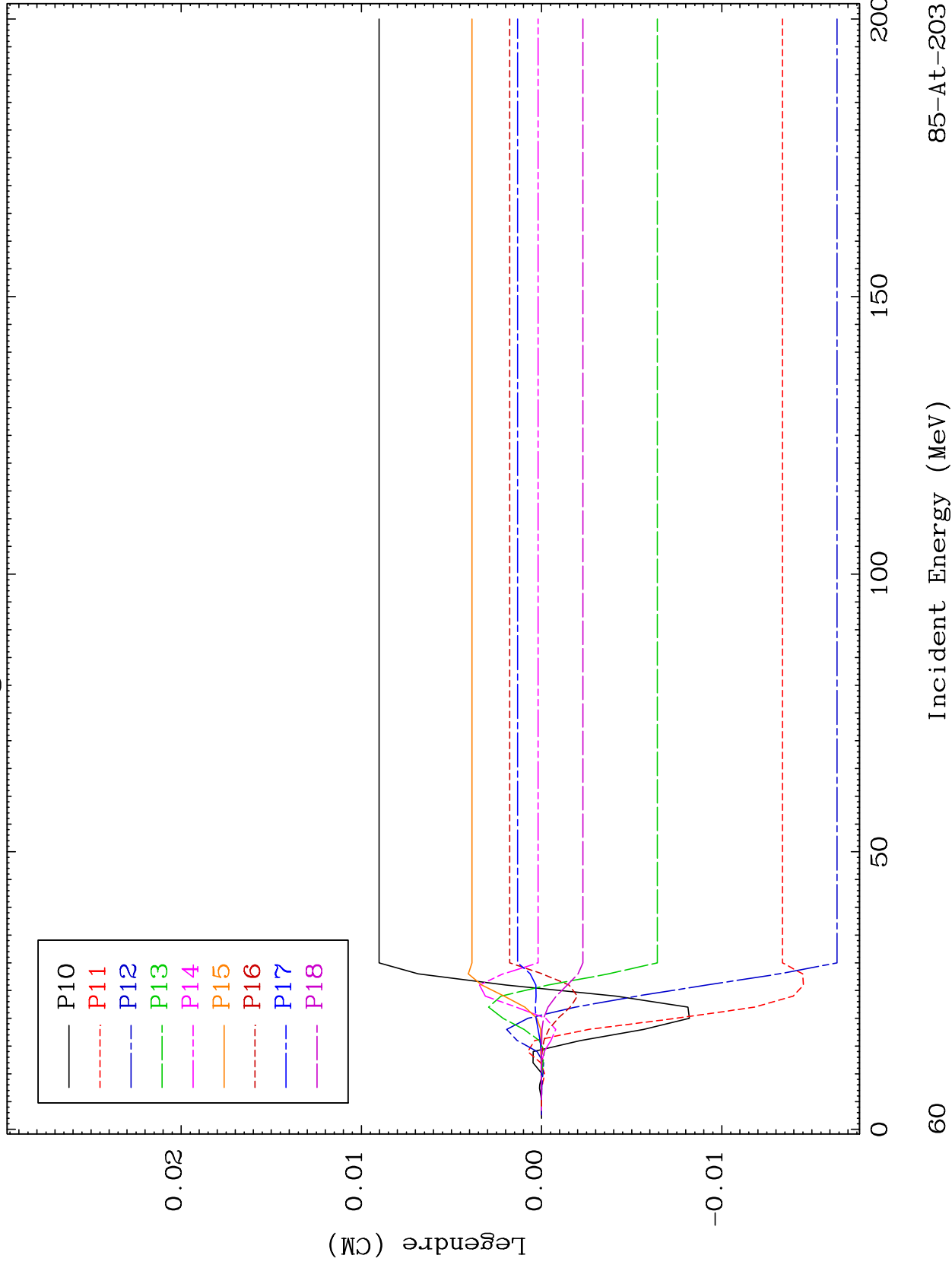
Incident Energy (MeV)

85-At-203

MAT 8525

1.965 MeV (n,n') Level
Legendre Coefficients

85-At-203

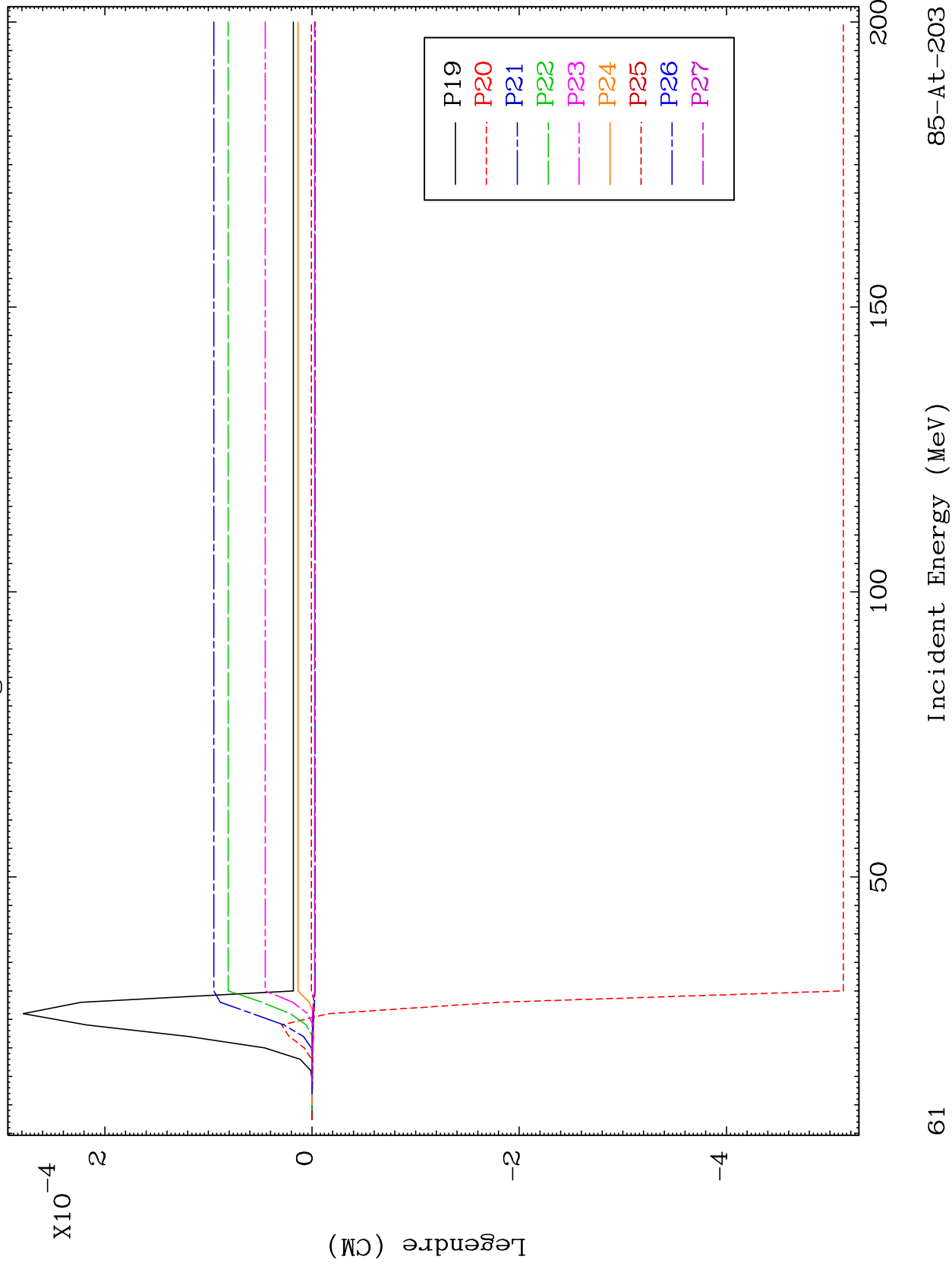


85-At-203

MAT 8525

1.965 MeV (n,n') Level
Legendre Coefficients

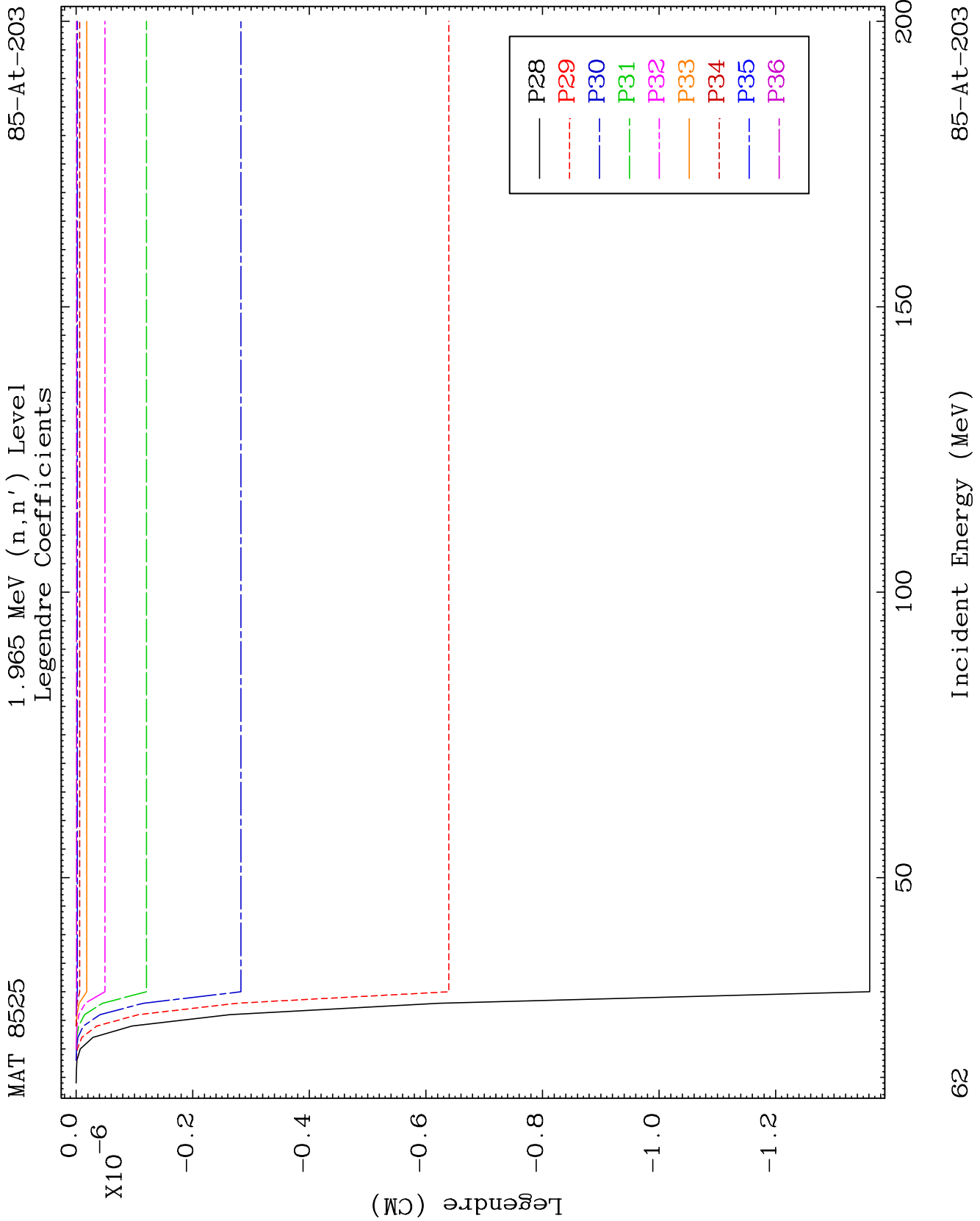
85-At-203



61

Incident Energy (MeV)

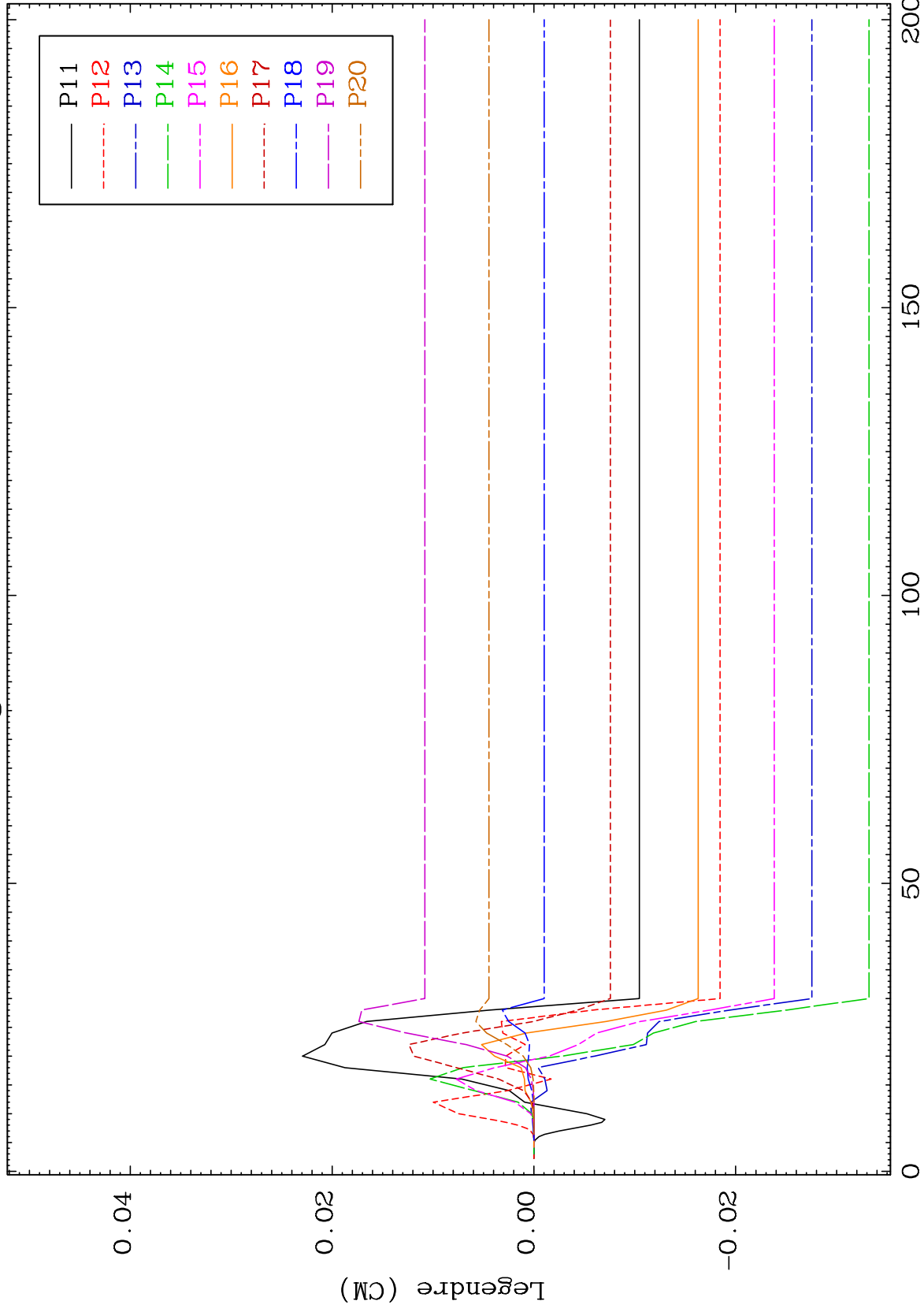
85-At-203



MAT 8525

2.072 MeV (n,n') Level
Legendre Coefficients

85-At-203



64

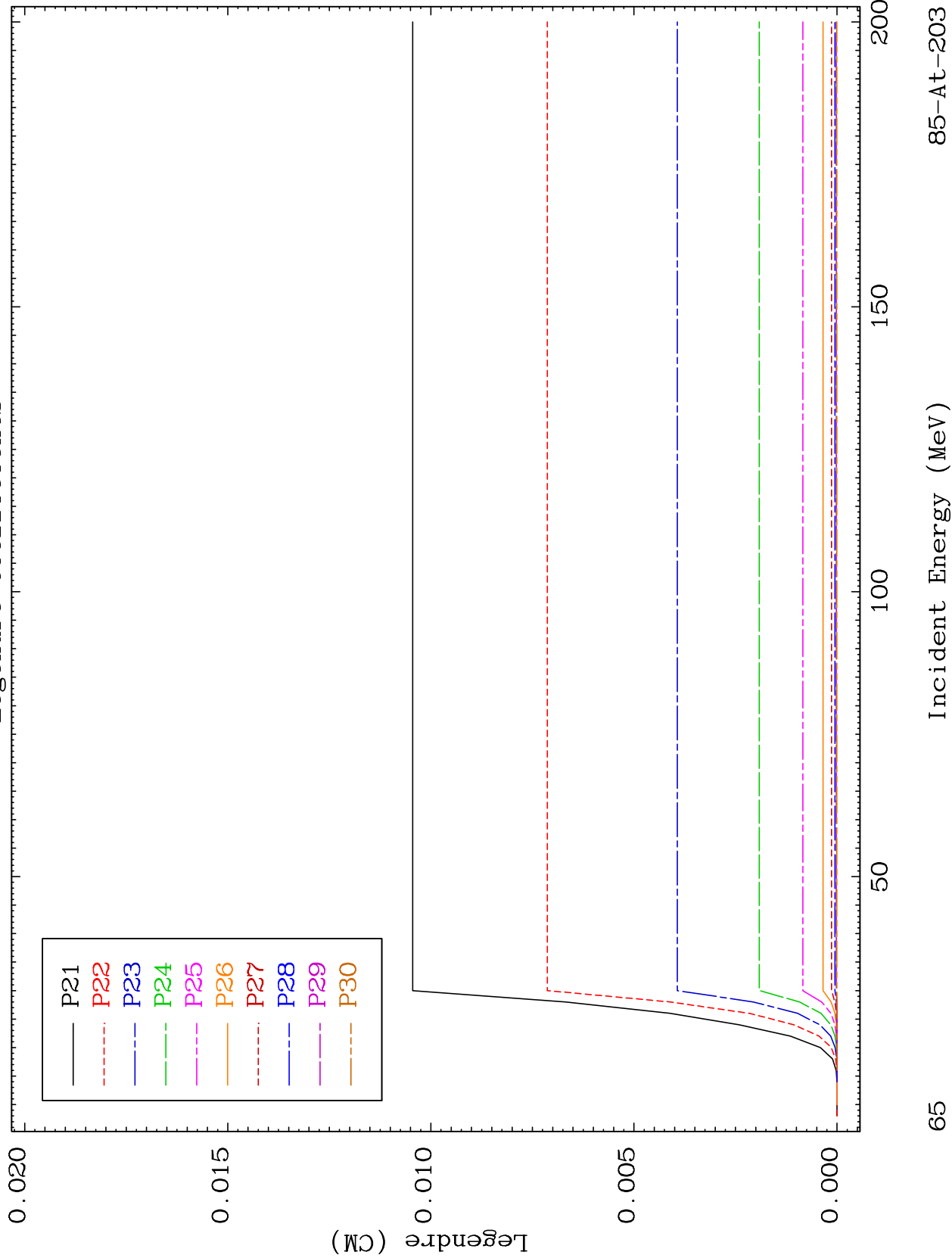
Incident Energy (MeV)

85-At-203

MAT 8525

2.072 MeV (n,n') Level
Legendre Coefficients

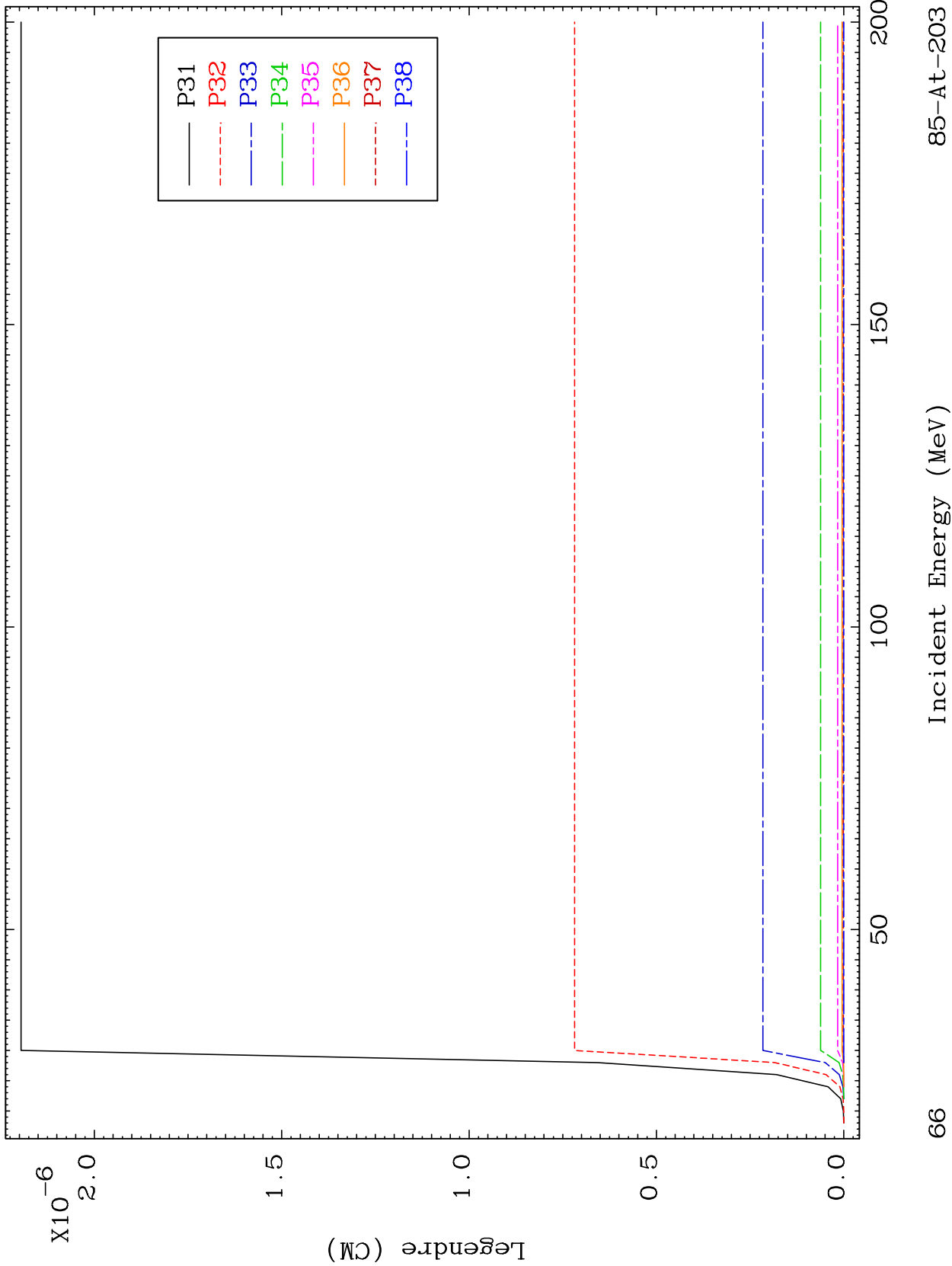
85-At-203

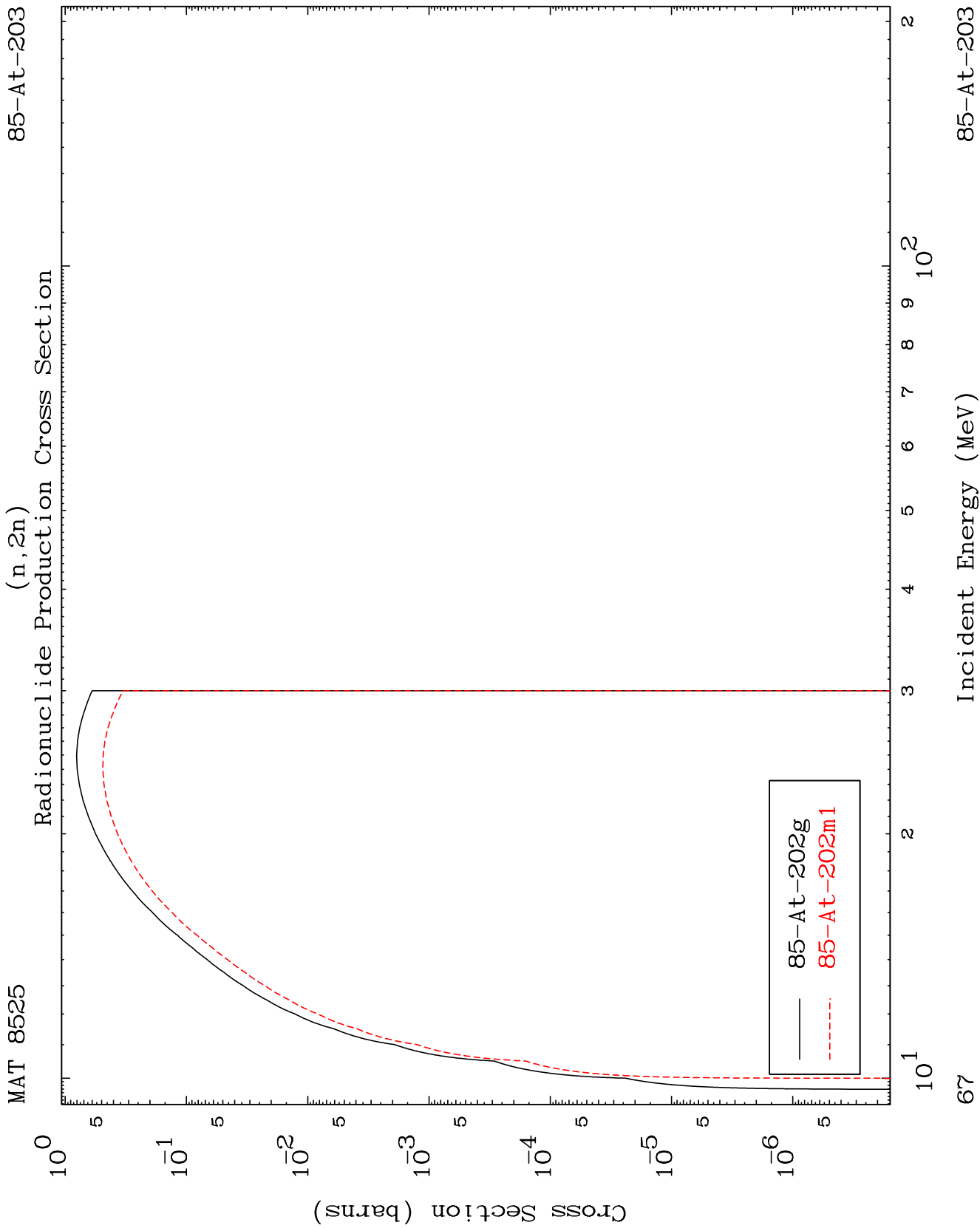


65

Incident Energy (MeV)

85-At-203

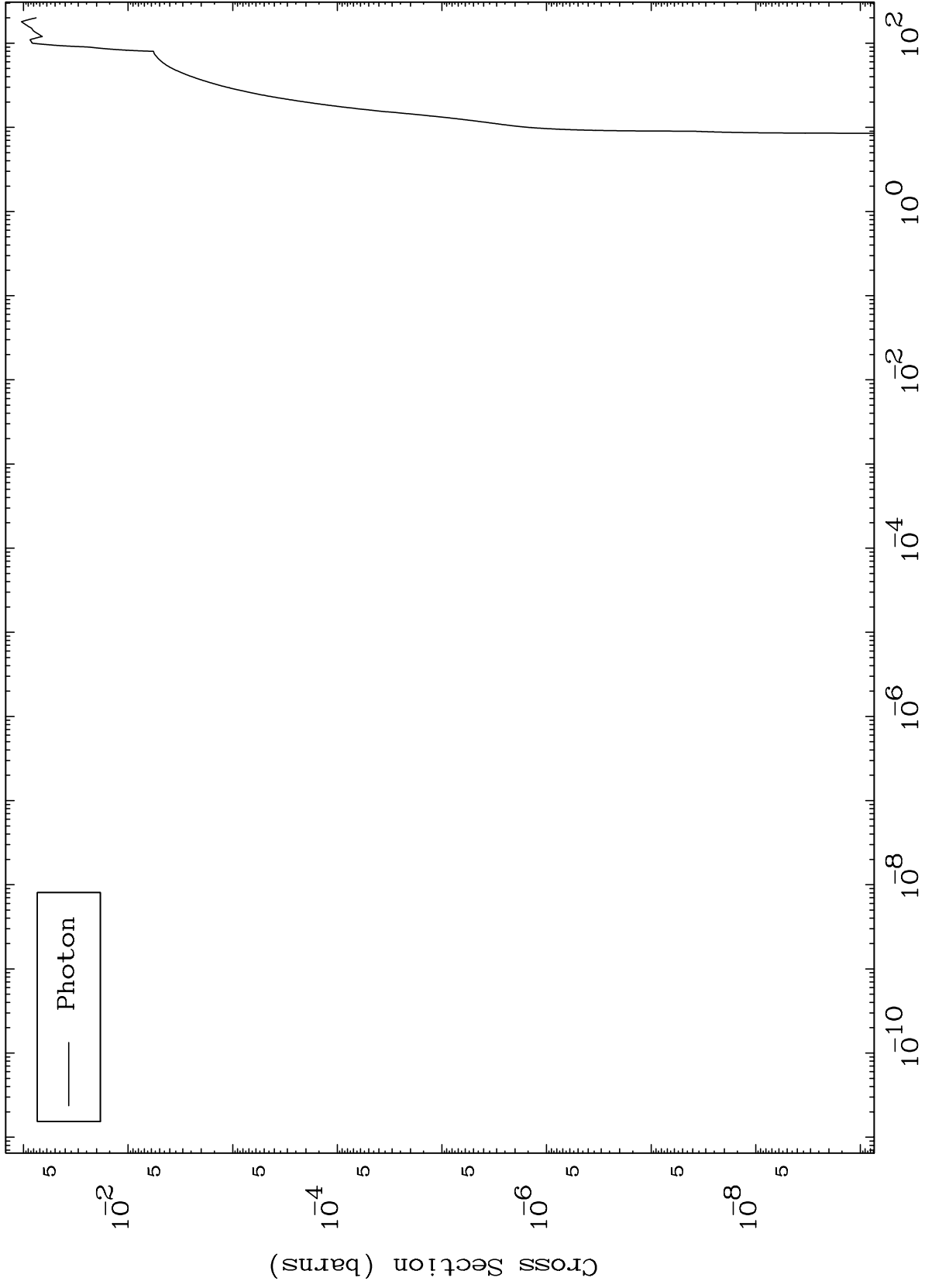




MAT 8525

Fission
Radionuclide Production Cross Section

85-At-203



68

Incident Energy (MeV)

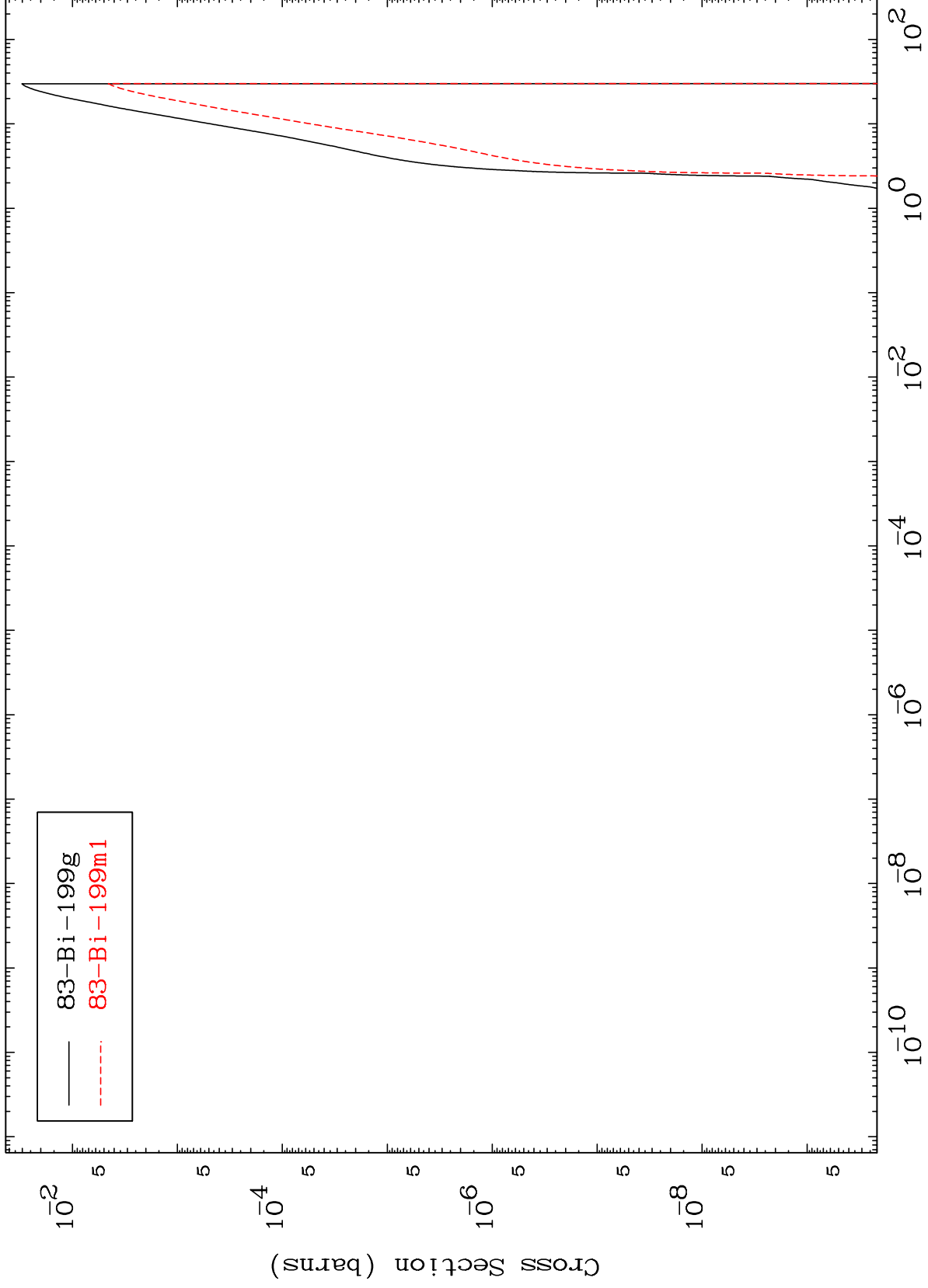
85-At-203

MAT 8525

(n, n') α

85-At-203

Radionuclide Production Cross Section



69

Incident Energy (MeV)

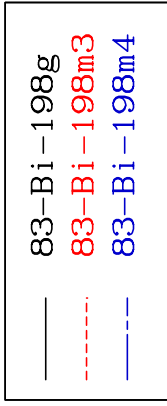
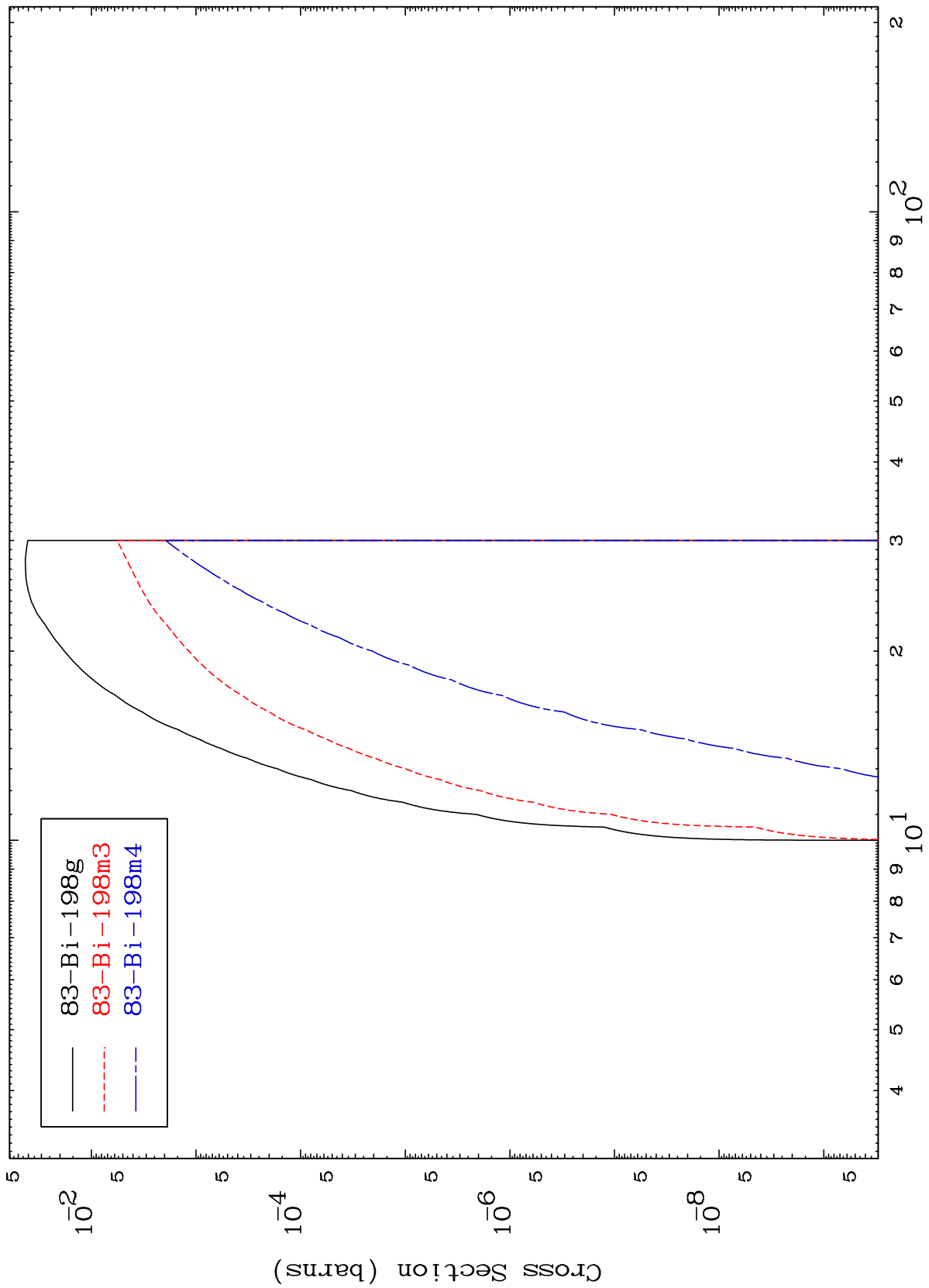
85-At-203

MAT 8525

(n,2n) α

85-At-203

Radionuclide Production Cross Section



70

Incident Energy (MeV)

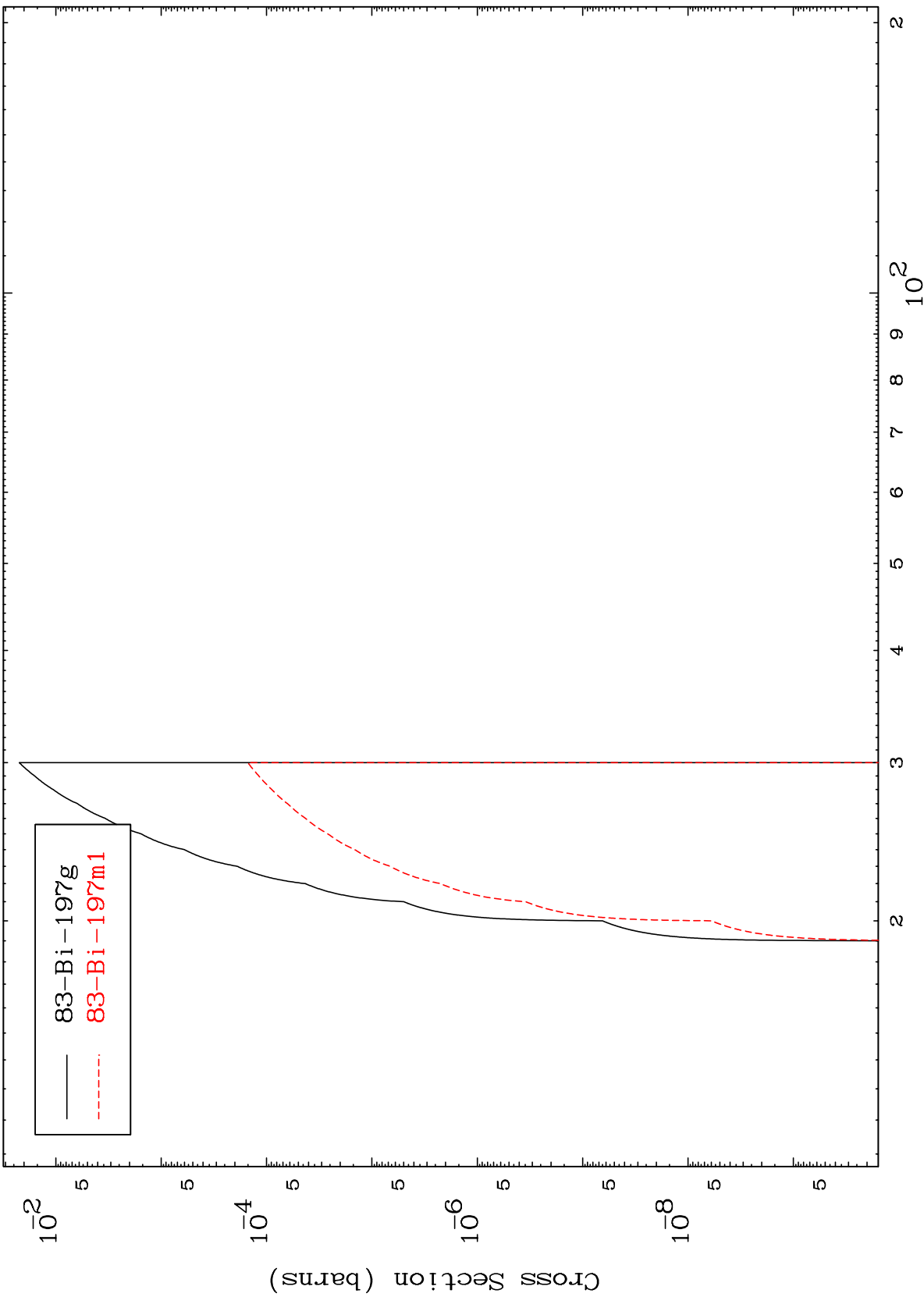
85-At-203

MAT 8525

(n,3n) α

85-At-203

Radionuclide Production Cross Section



83-Bi-197g
83-Bi-197m1

71

Incident Energy (MeV)

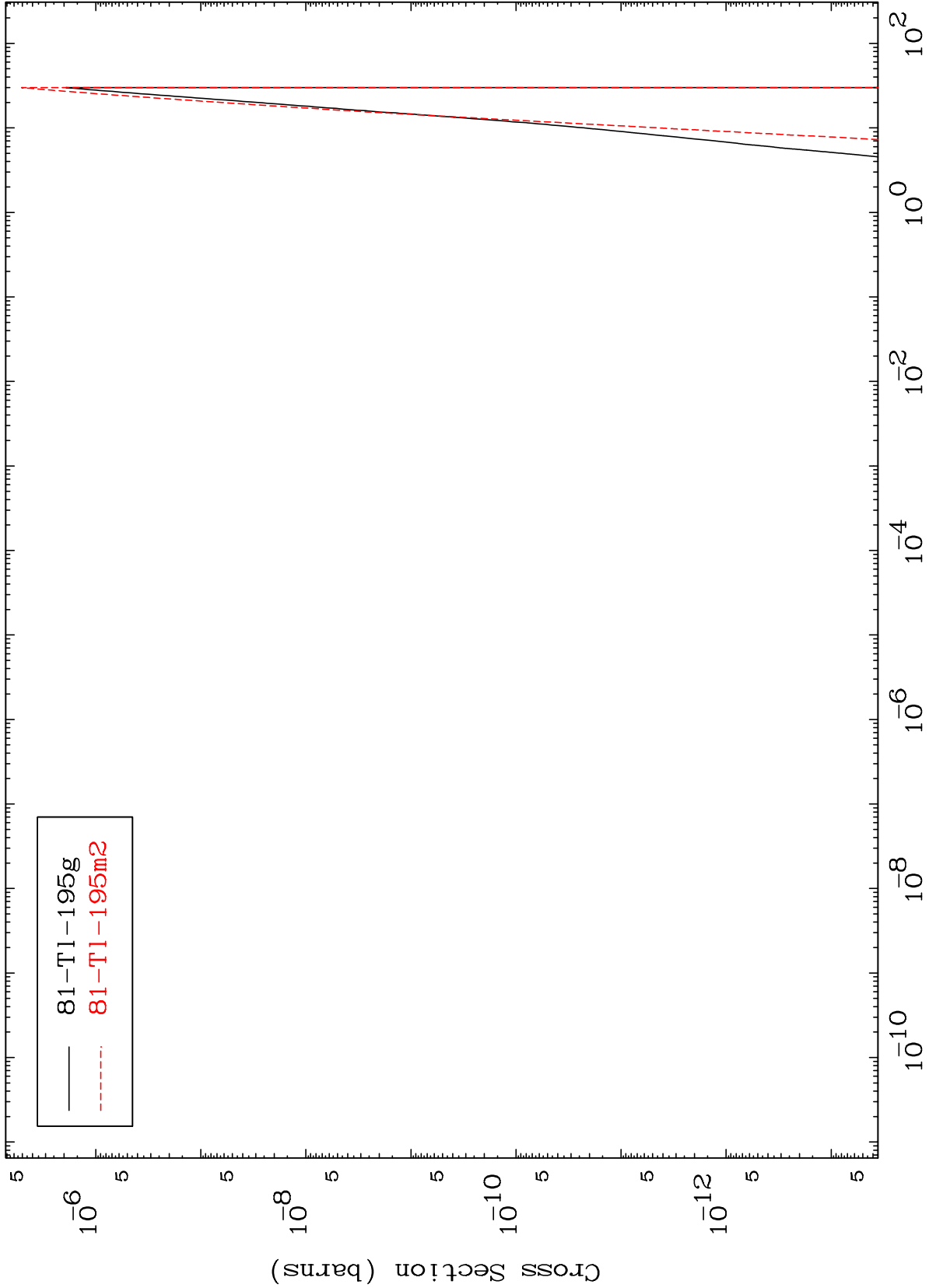
85-At-203

MAT 8525

(n,n') 2α

85-At-203

Radionuclide Production Cross Section



72

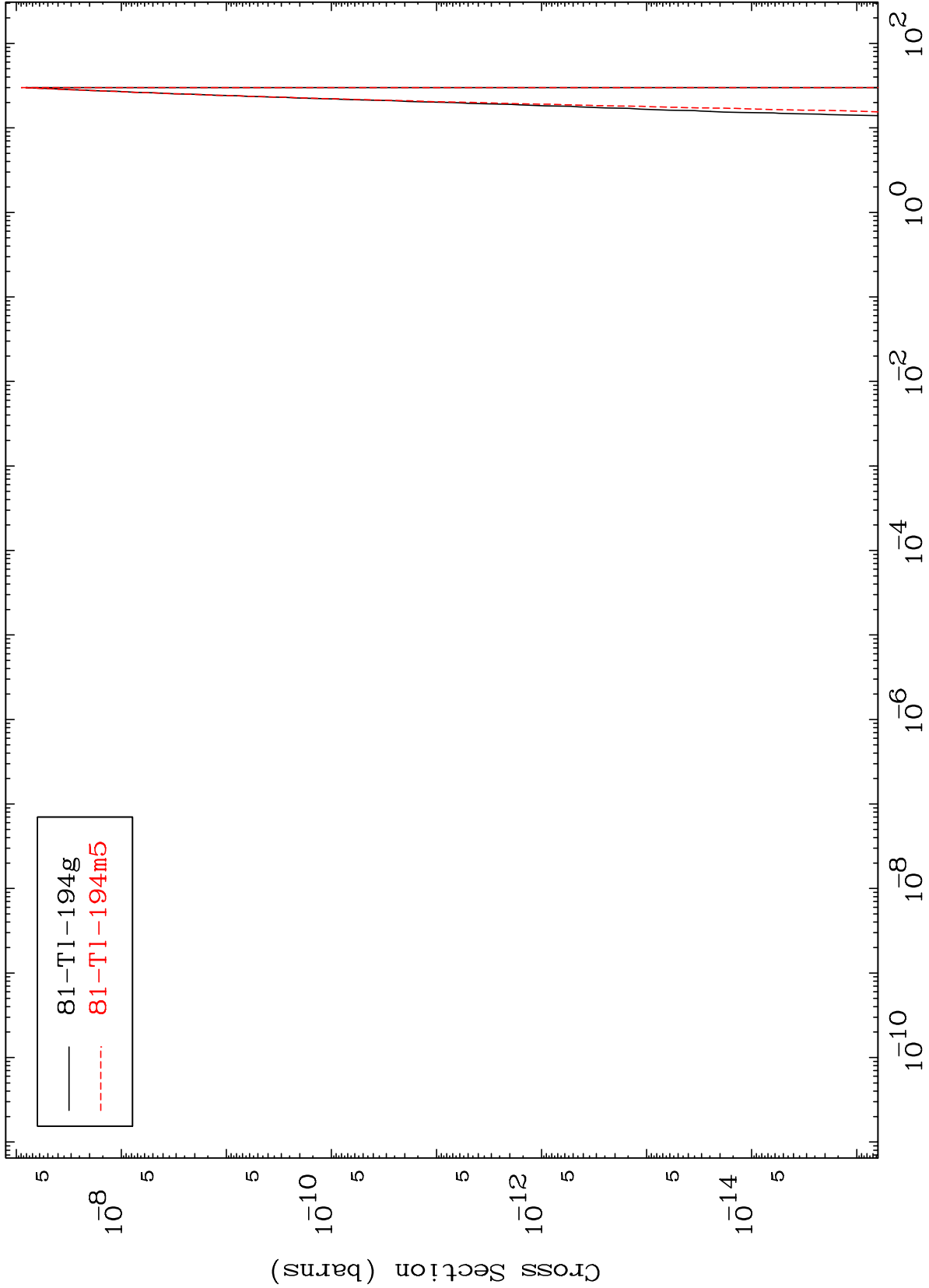
85-At-203

MAT 85225

(n,2n) 2α

85-At-203

Radionuclide Production Cross Section



73

Incident Energy (MeV)

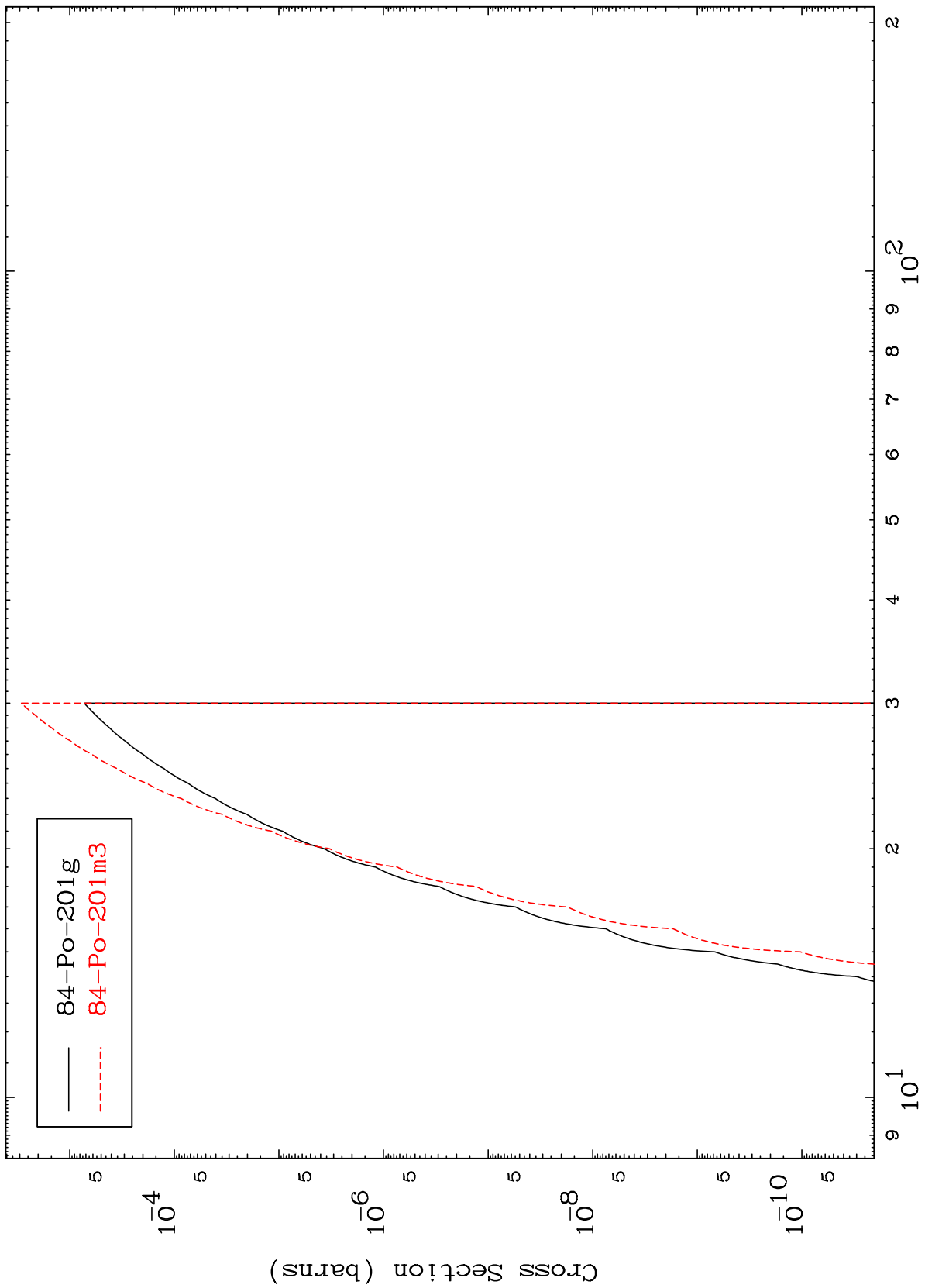
85-At-203

MAT 8525

(n,n') d

85-At-203

Radionuclide Production Cross Section



74

Incident Energy (MeV)

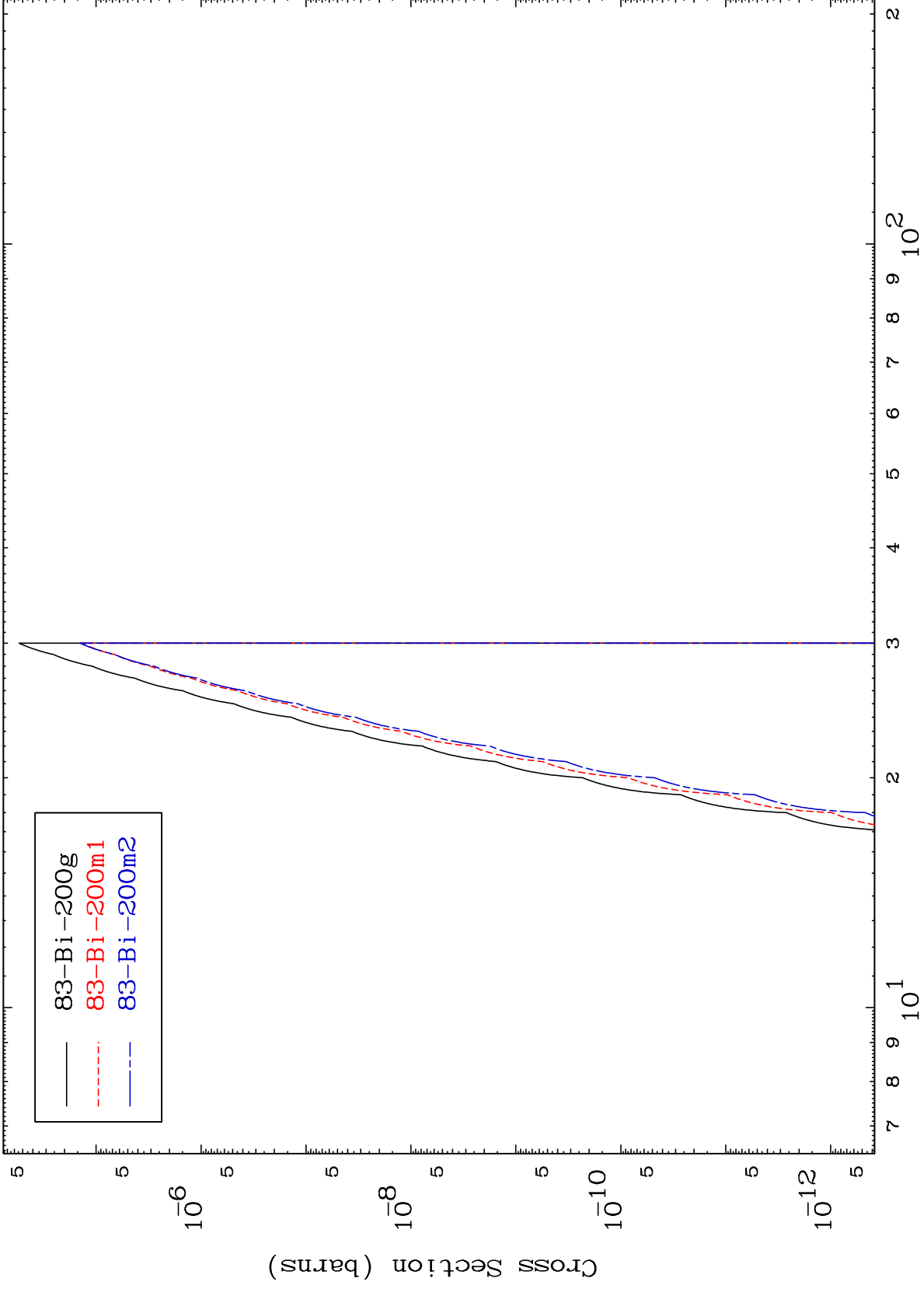
85-At-203

MAT 8525

(n,n') He-3

85-At-203

Radionuclide Production Cross Section



75

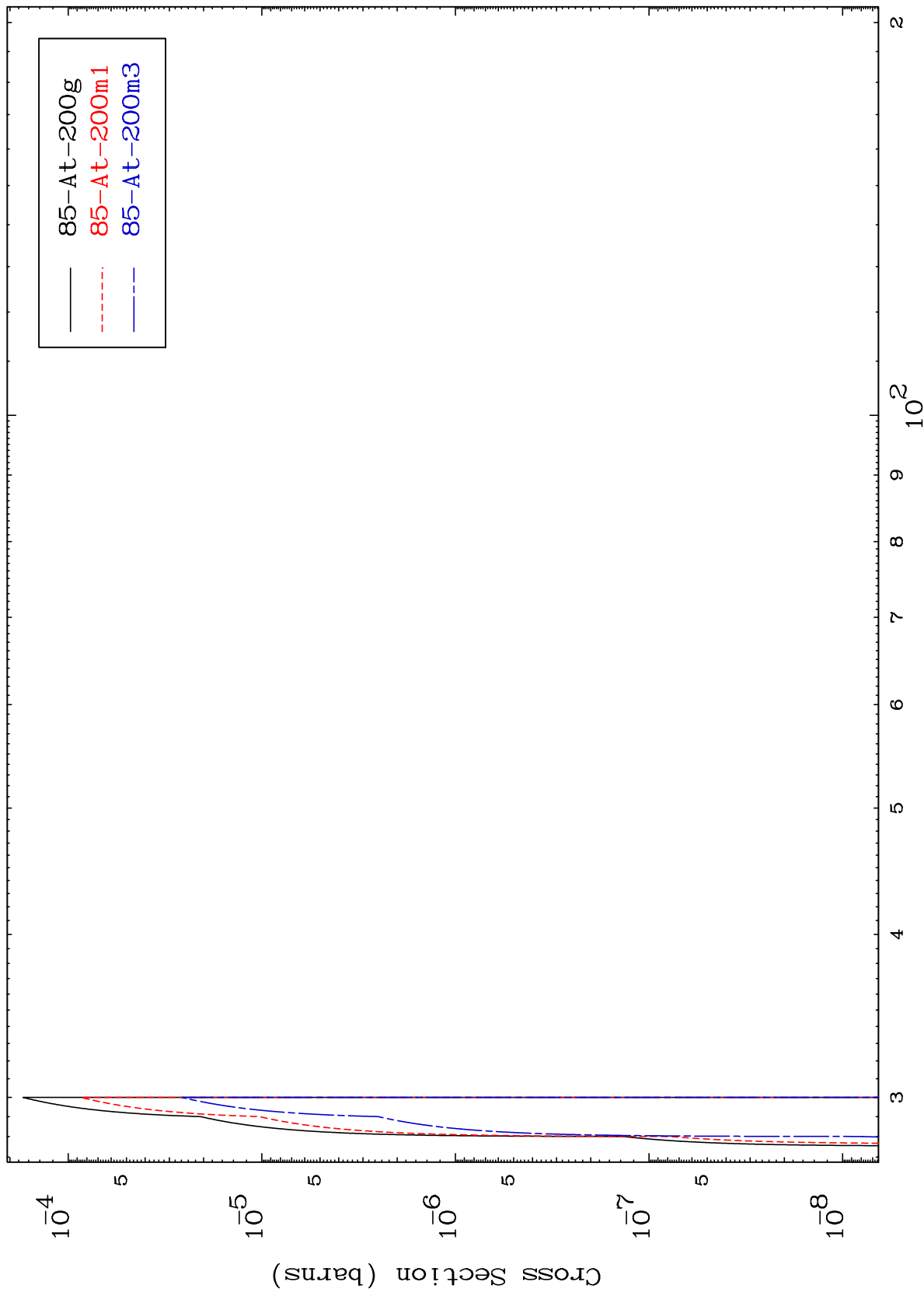
Incident Energy (MeV)

85-At-203

MAT 8525

85-At-203

(n,4n)
Radionuclide Production Cross Section

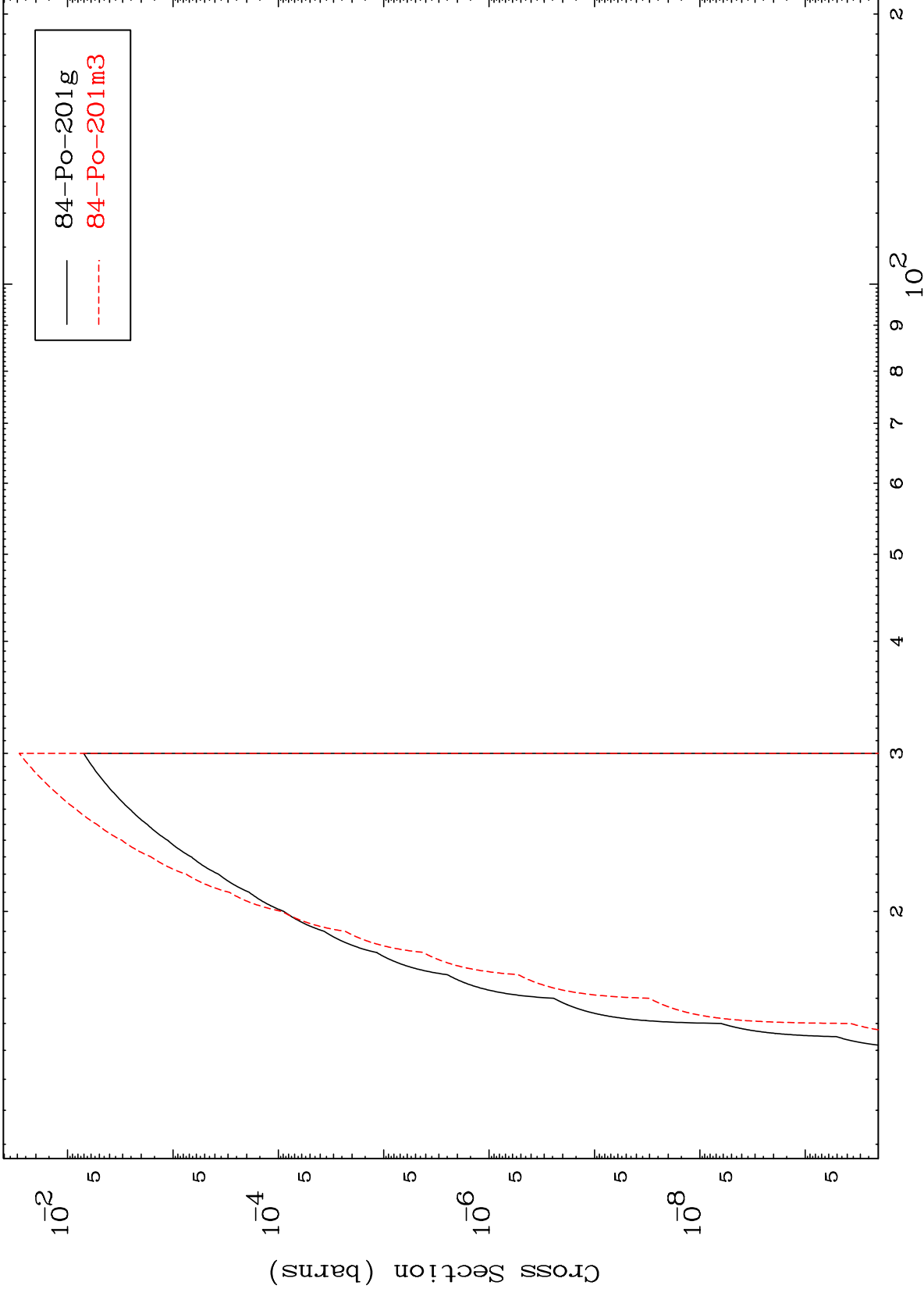


76

Incident Energy (MeV)

85-At-203

Radionuclide Production Cross Section

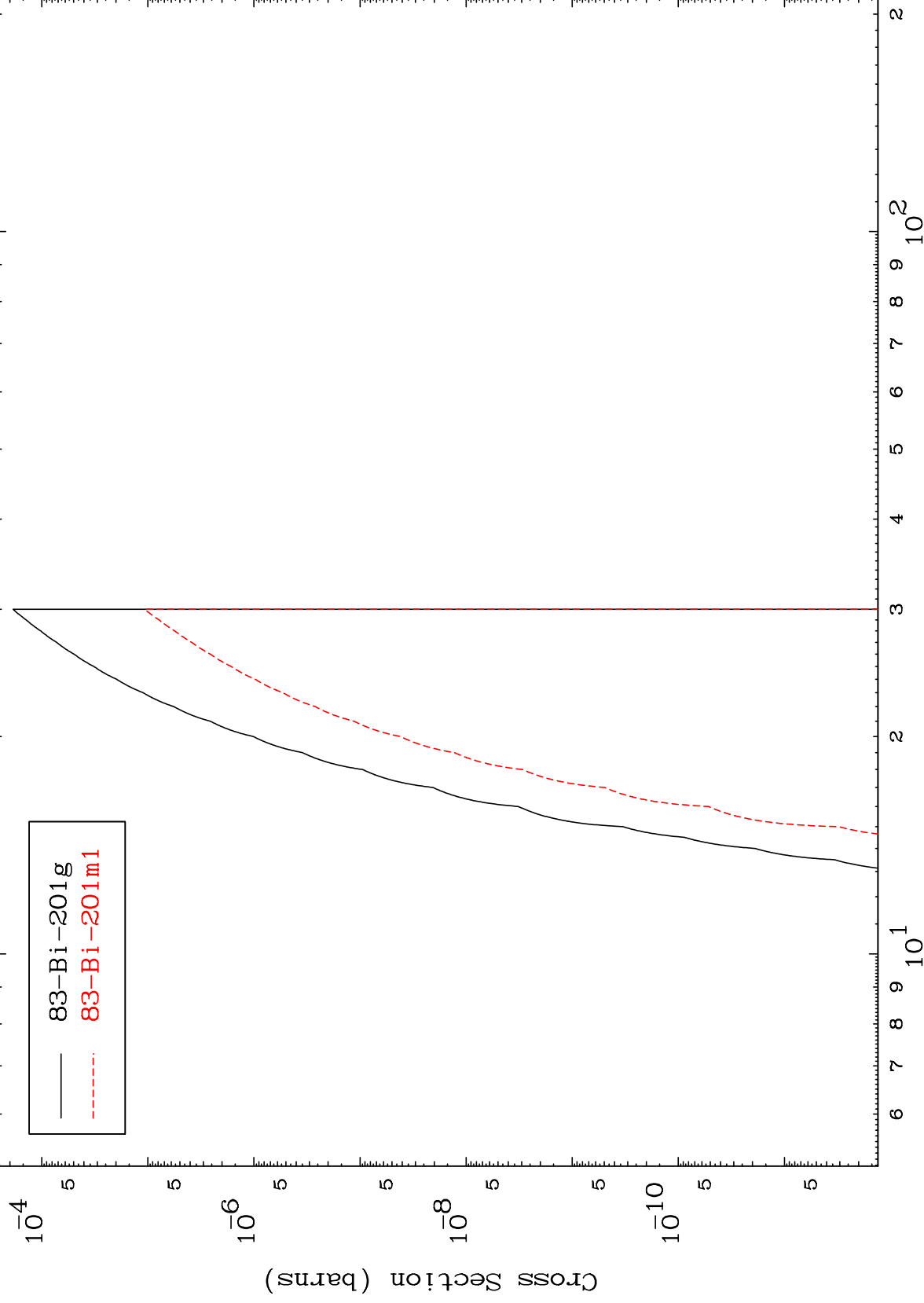


MAT 8525

(n,2n) p

85-At-203

Radionuclide Production Cross Section



78

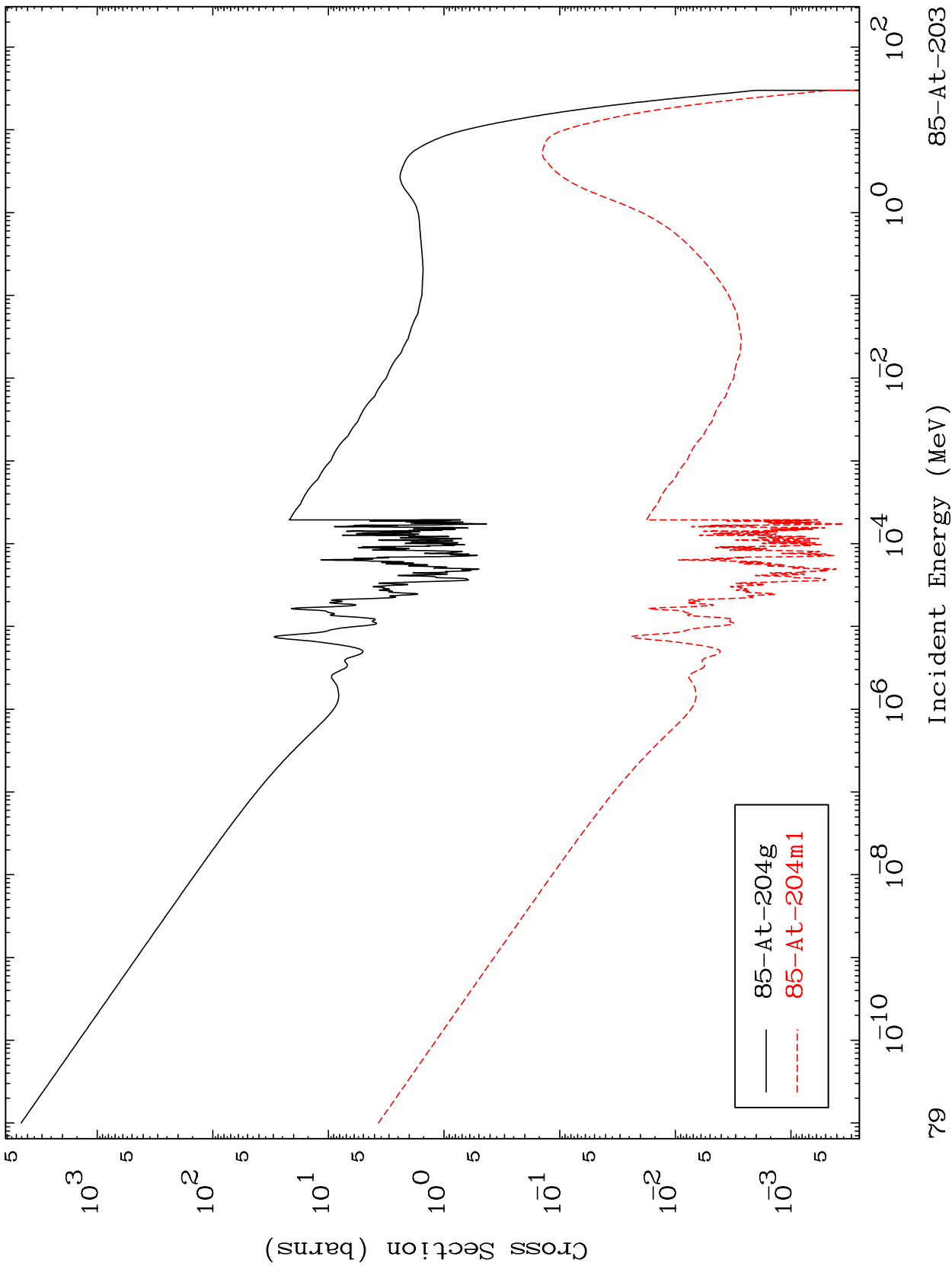
Incident Energy (MeV)

85-At-203

MAT 8525

85-At-203

(n, γ)
Radionuclide Production Cross Section



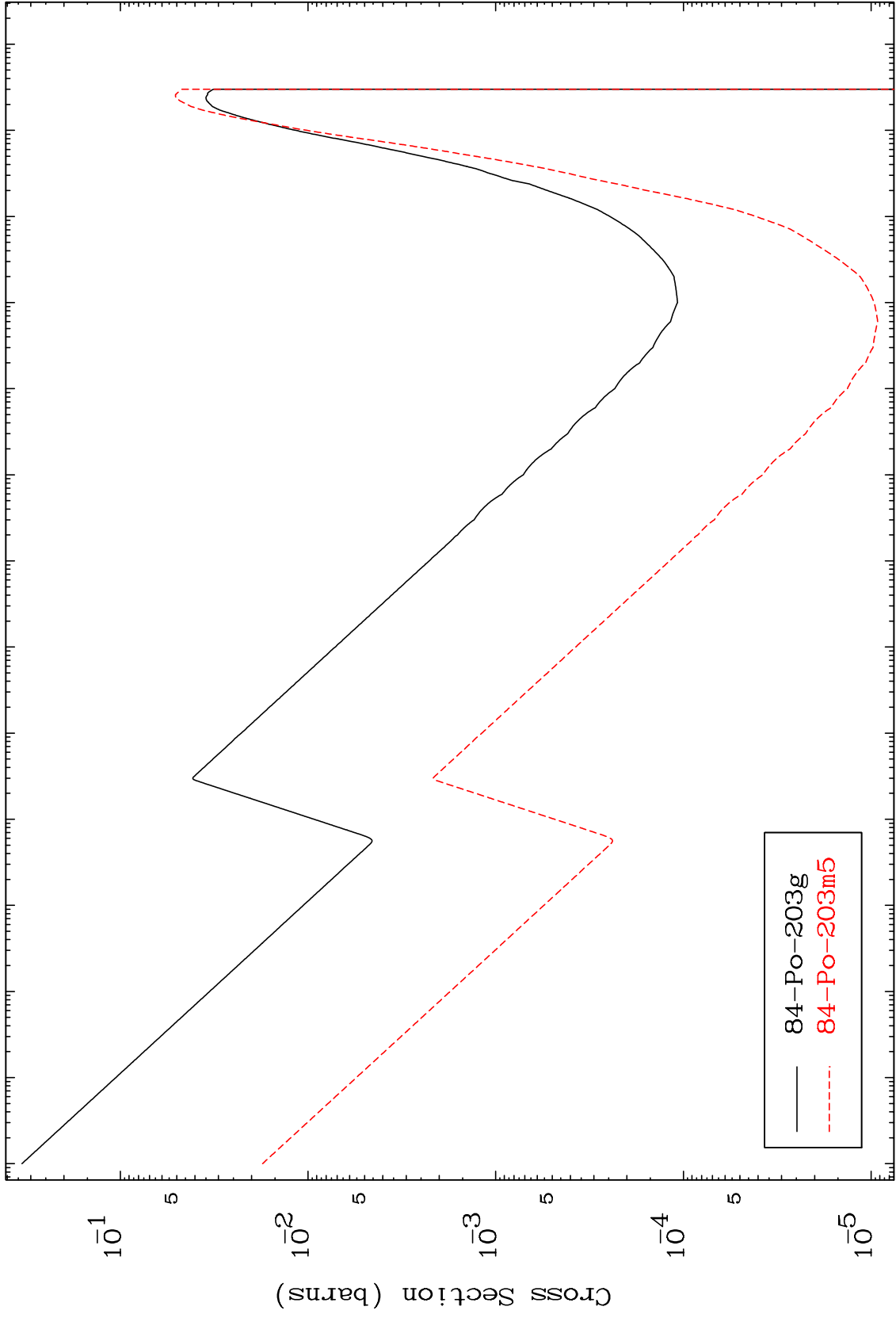
79

85-At-203

MAT 8525

85-At-203

Radionuclide Production Cross Section (n,p)



80

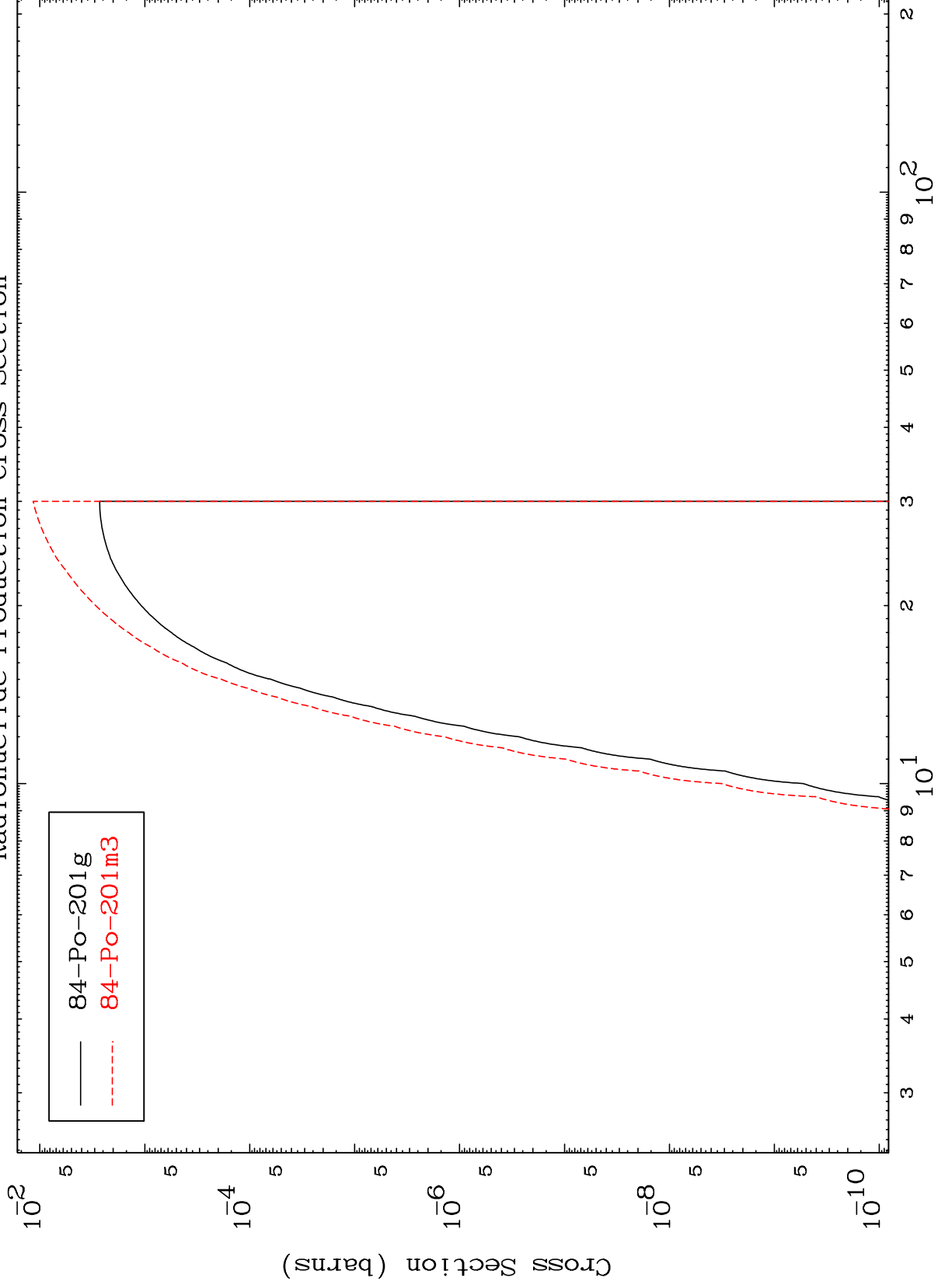
Incident Energy (MeV)

85-At-203

MAT 8525

85-At-203

(n, t)
Radionuclide Production Cross Section



81

Incident Energy (MeV)

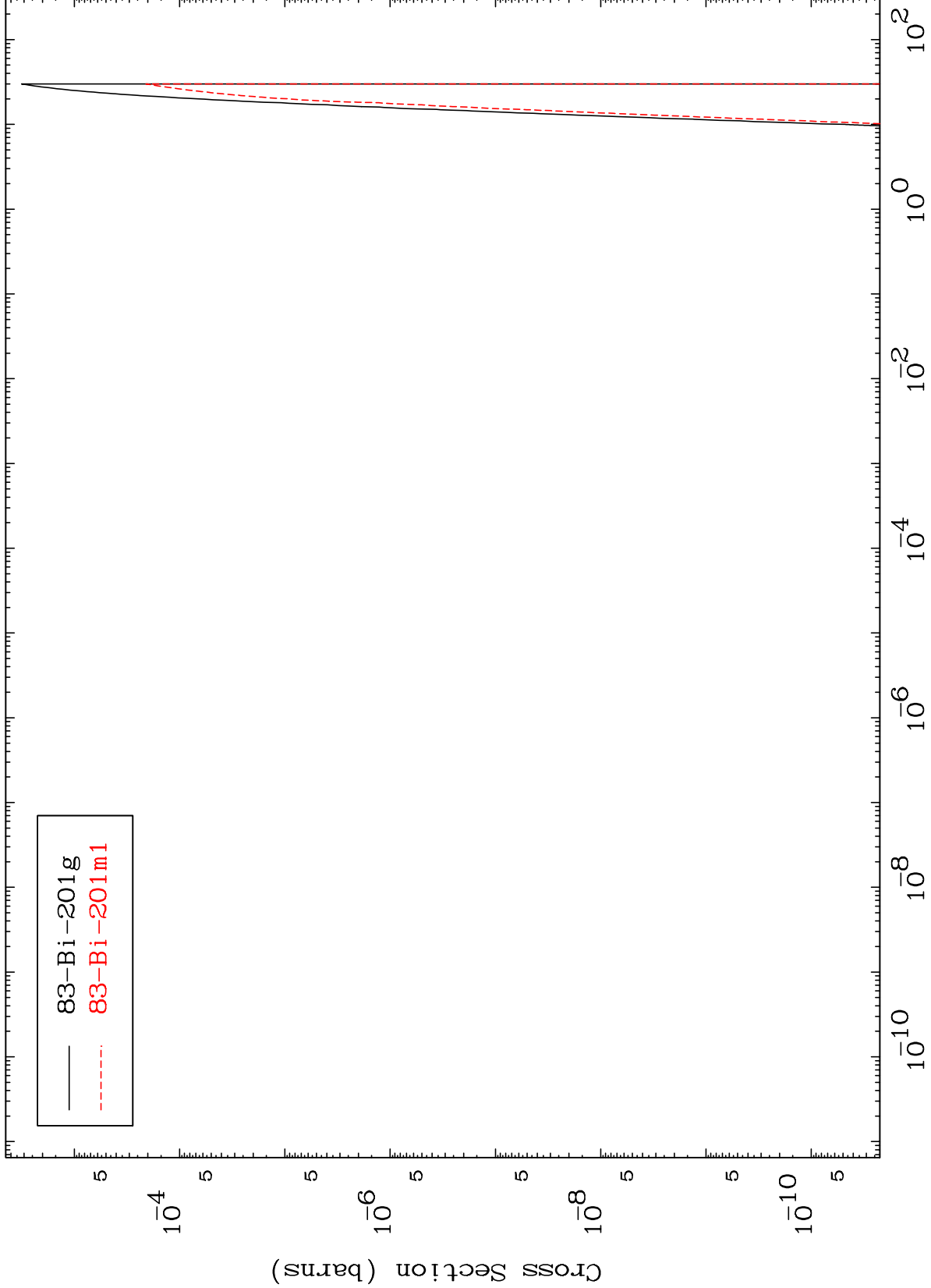
85-At-203

MAT 8525

(n,He-3)

85-At-203

Radionuclide Production Cross Section



— 83-Bi-201g
- - - 83-Bi-201m1

82

Incident Energy (MeV)

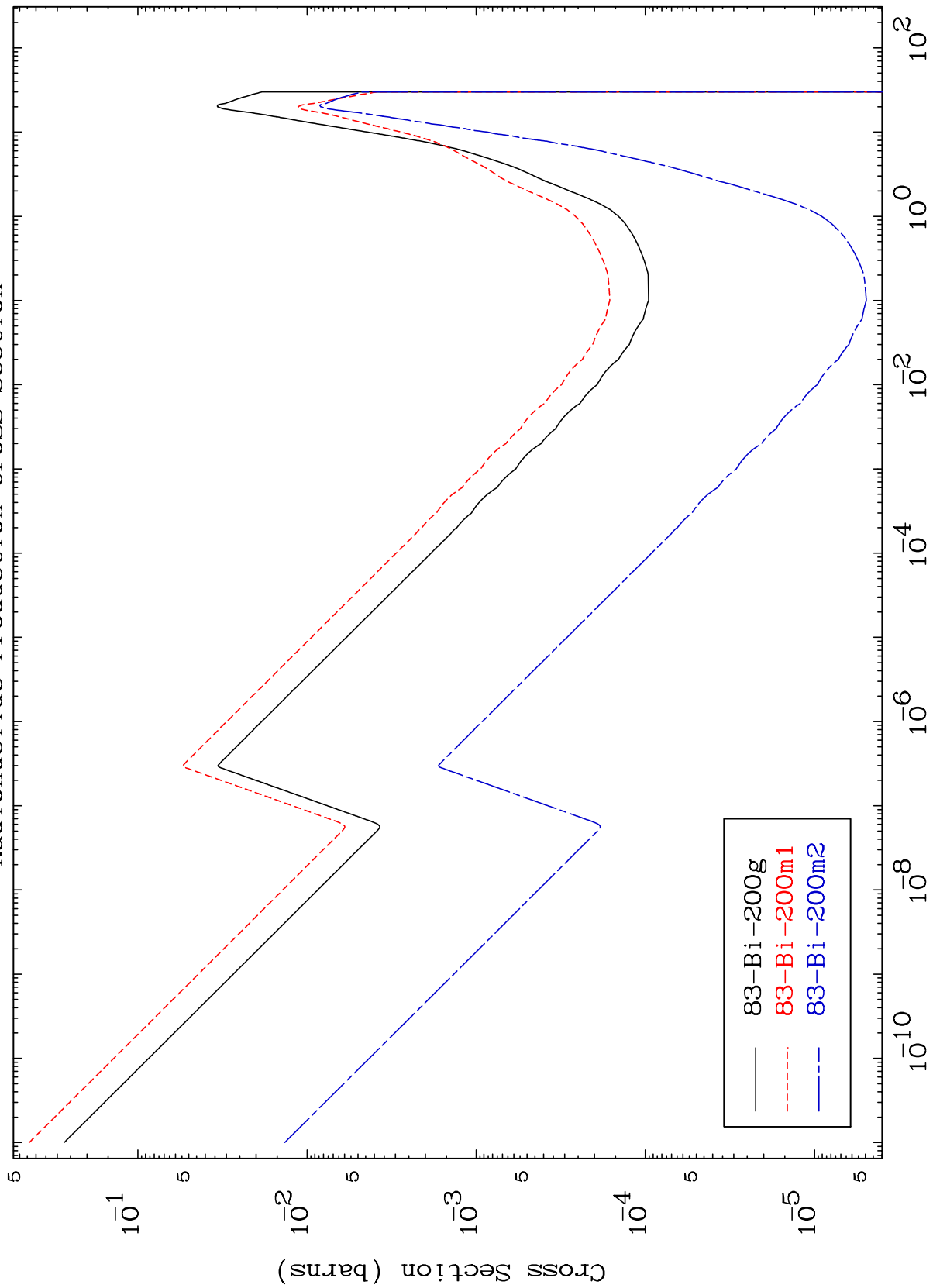
85-At-203

MAT 8525

85-At-203

Radionuclide Production Cross Section

(n, α)



83

85-At-203

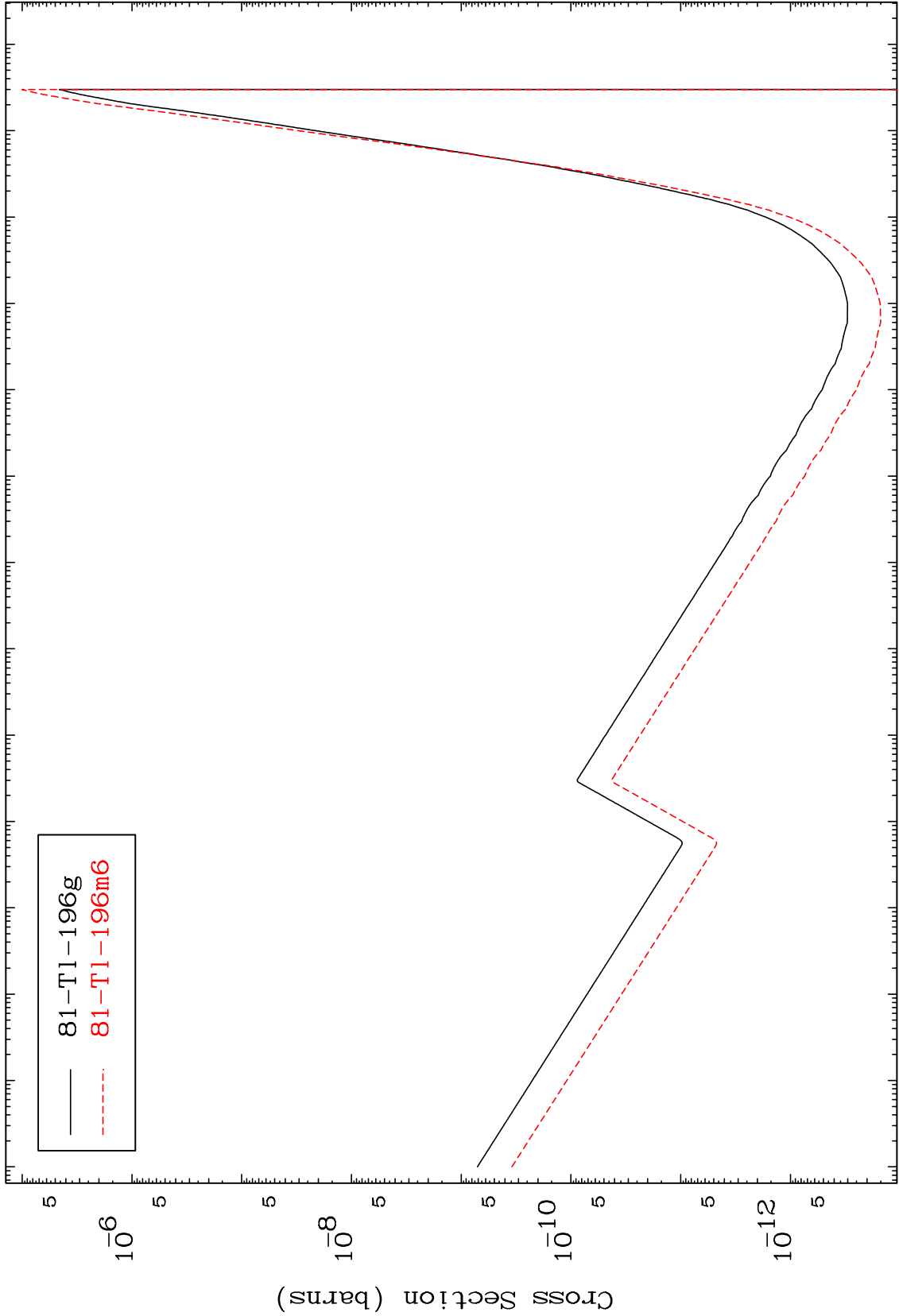
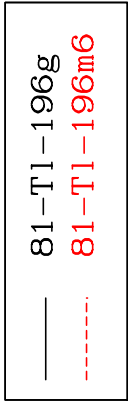
Incident Energy (MeV)

MAT 8525

(n,2α)

85-At-203

Radionuclide Production Cross Section



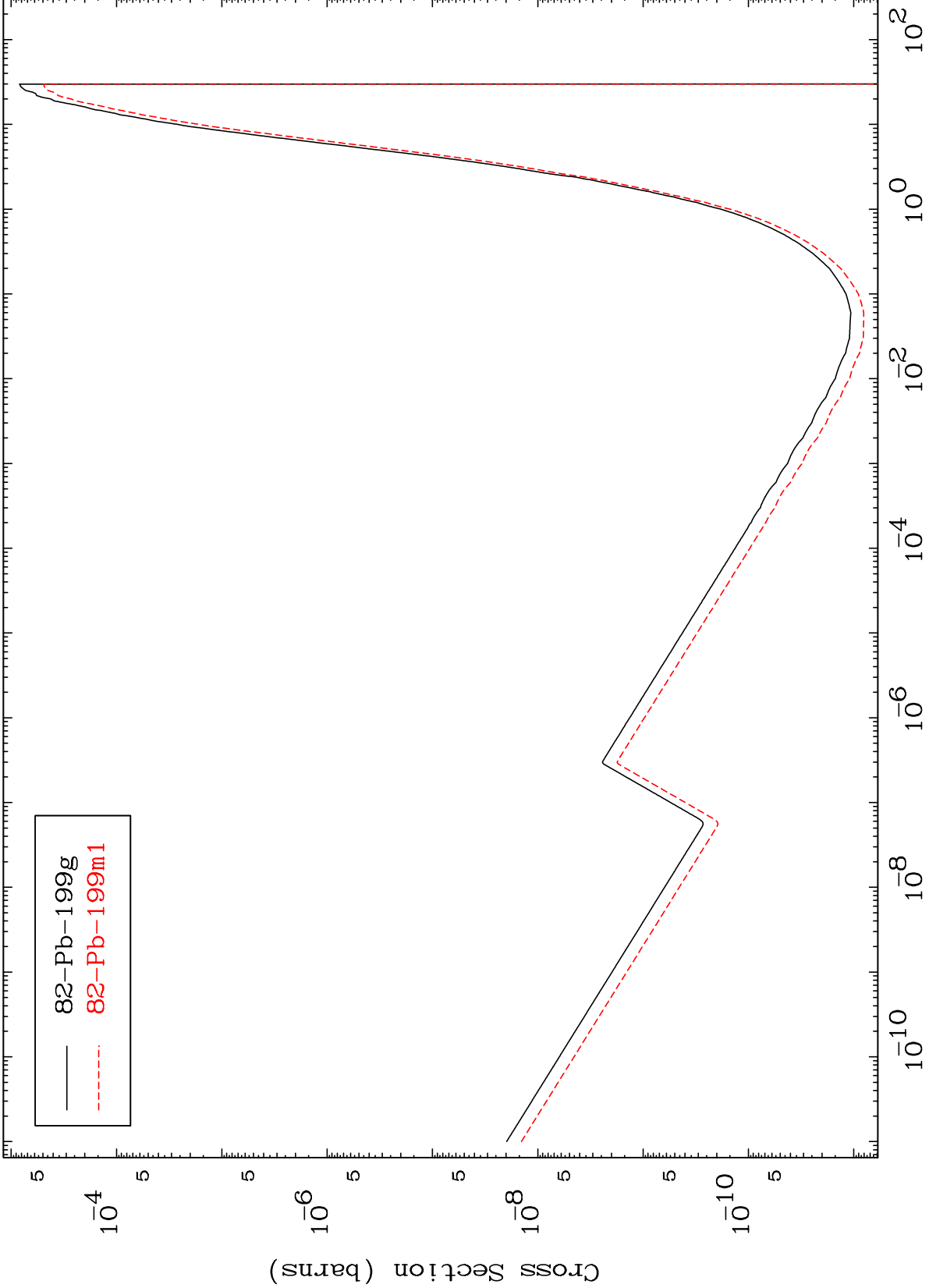
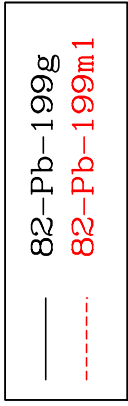
85-At-203

MAT 8525

(n,p) α

85-At-203

Radionuclide Production Cross Section

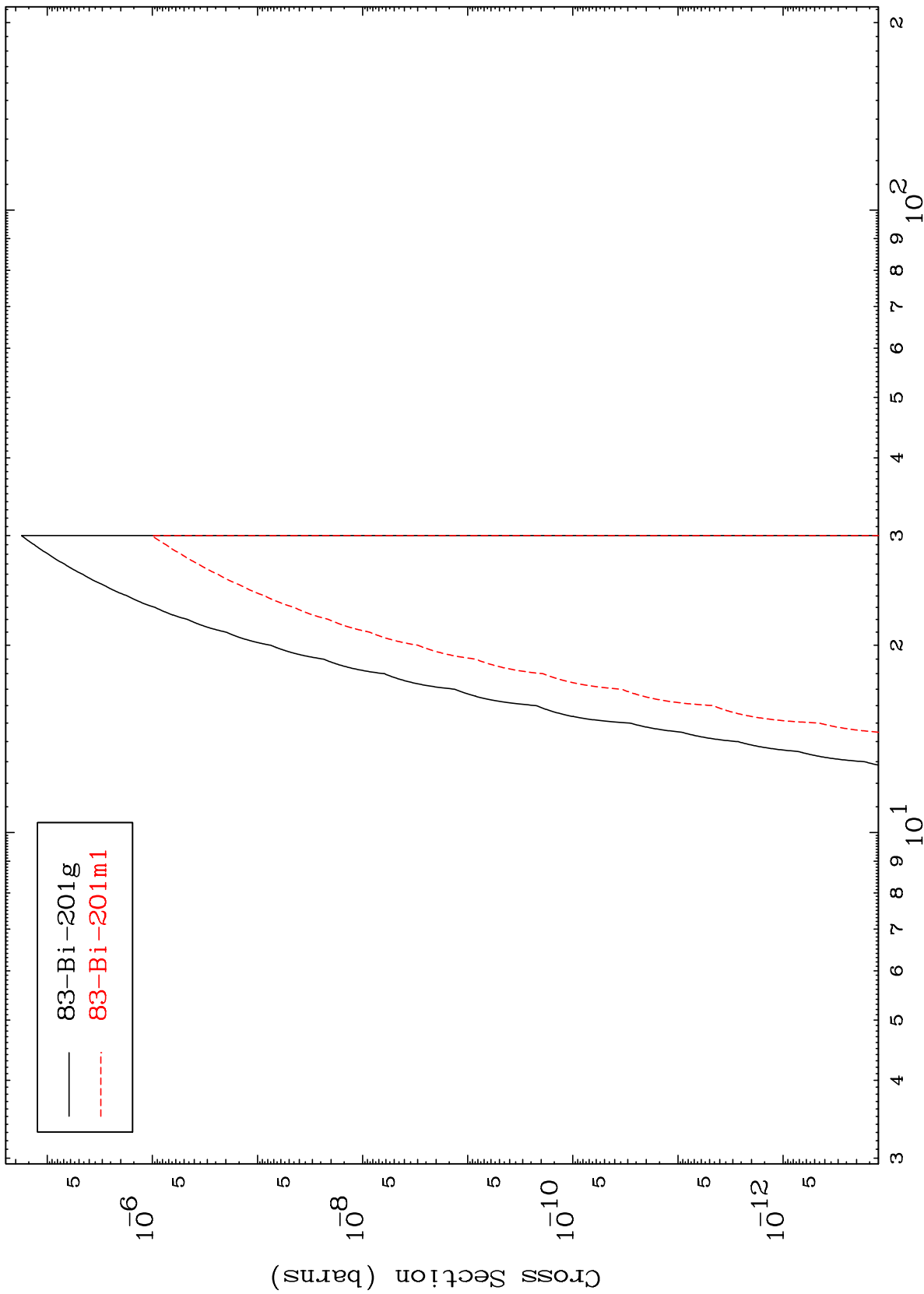


85

Incident Energy (MeV)

85-At-203

Radionuclide Production Cross Section



— 83-Bi-201g
- - - 83-Bi-201m1

Radionuclide Production Cross Section

