

Program EVALPLOT
(Version 2018-1)

by

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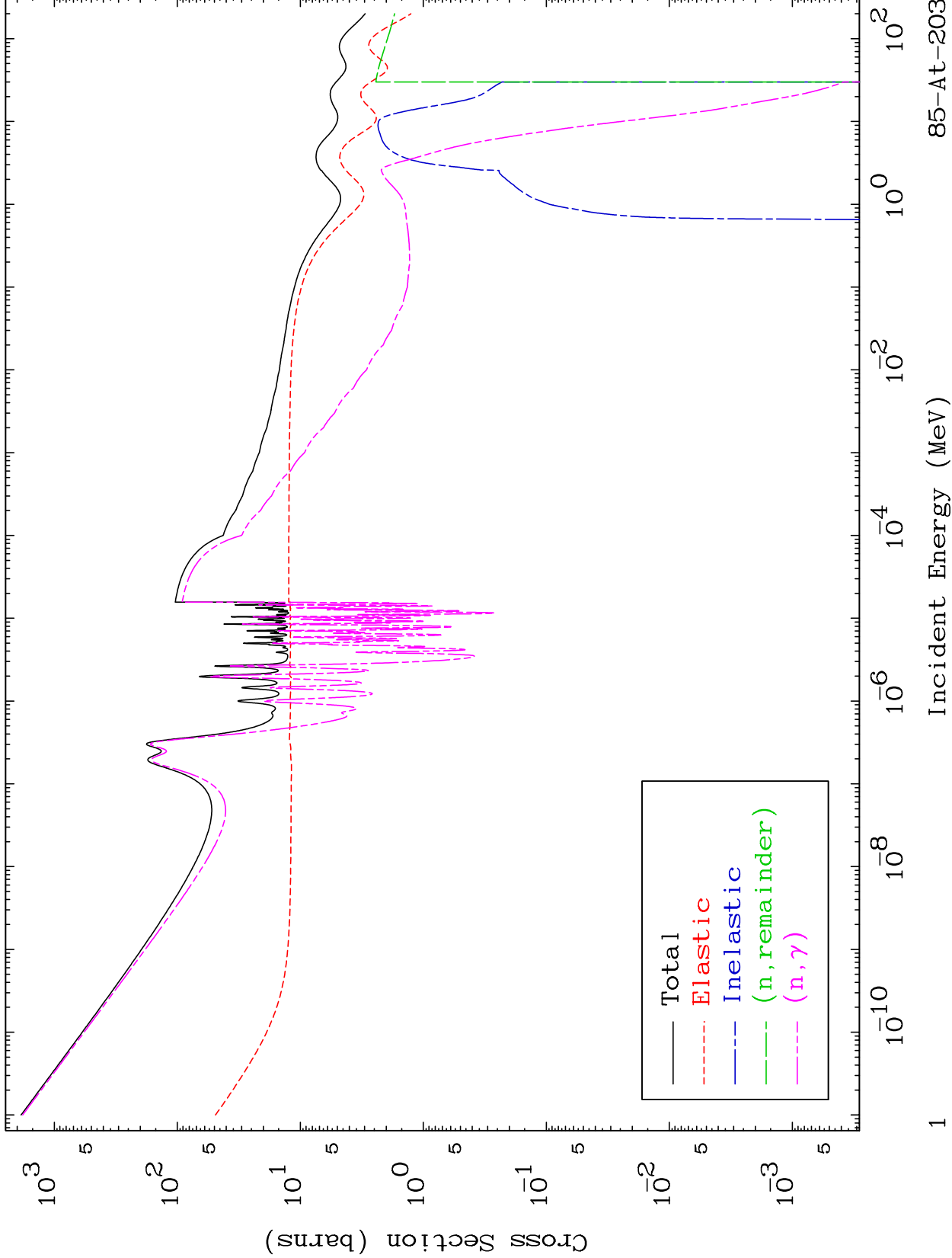
Press Mouse Button to Start

MAT 8525

Major

293 Kelvin Cross Sections

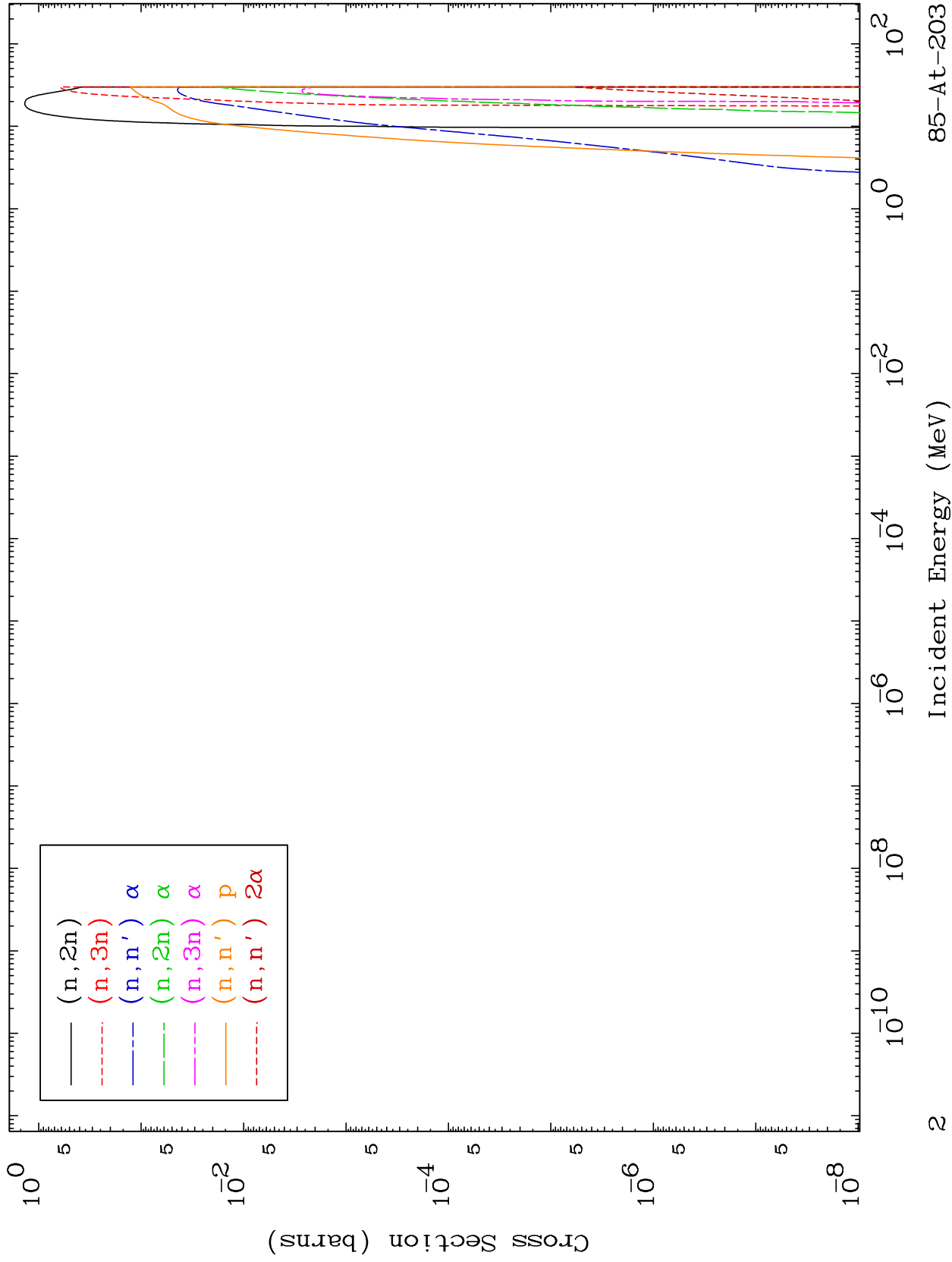
85-At-203



MAT 8525

Neutron Production
293 Kelvin Cross Sections

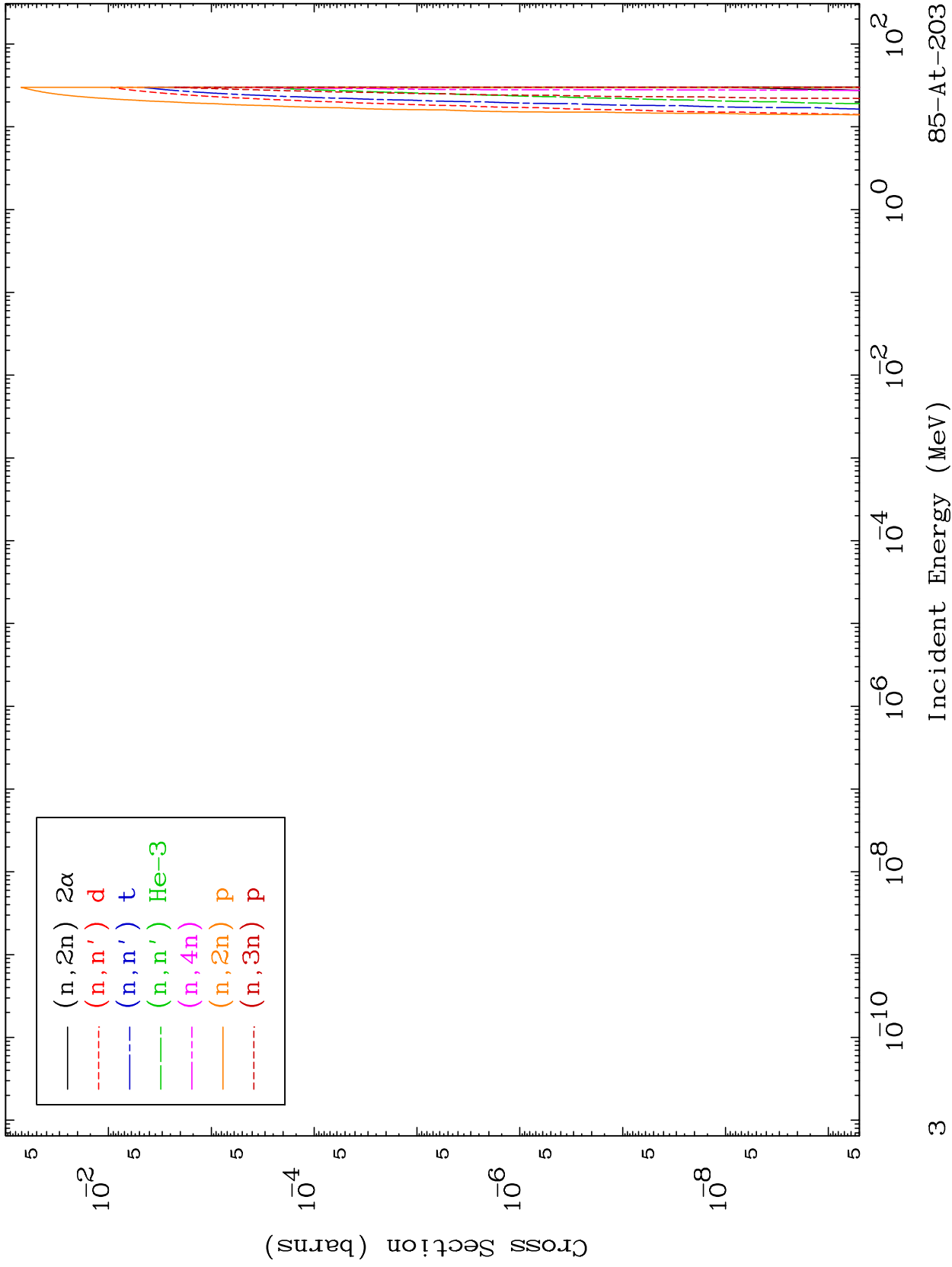
85-At-203



MAT 8525

Neutron Production
293 Kelvin Cross Sections

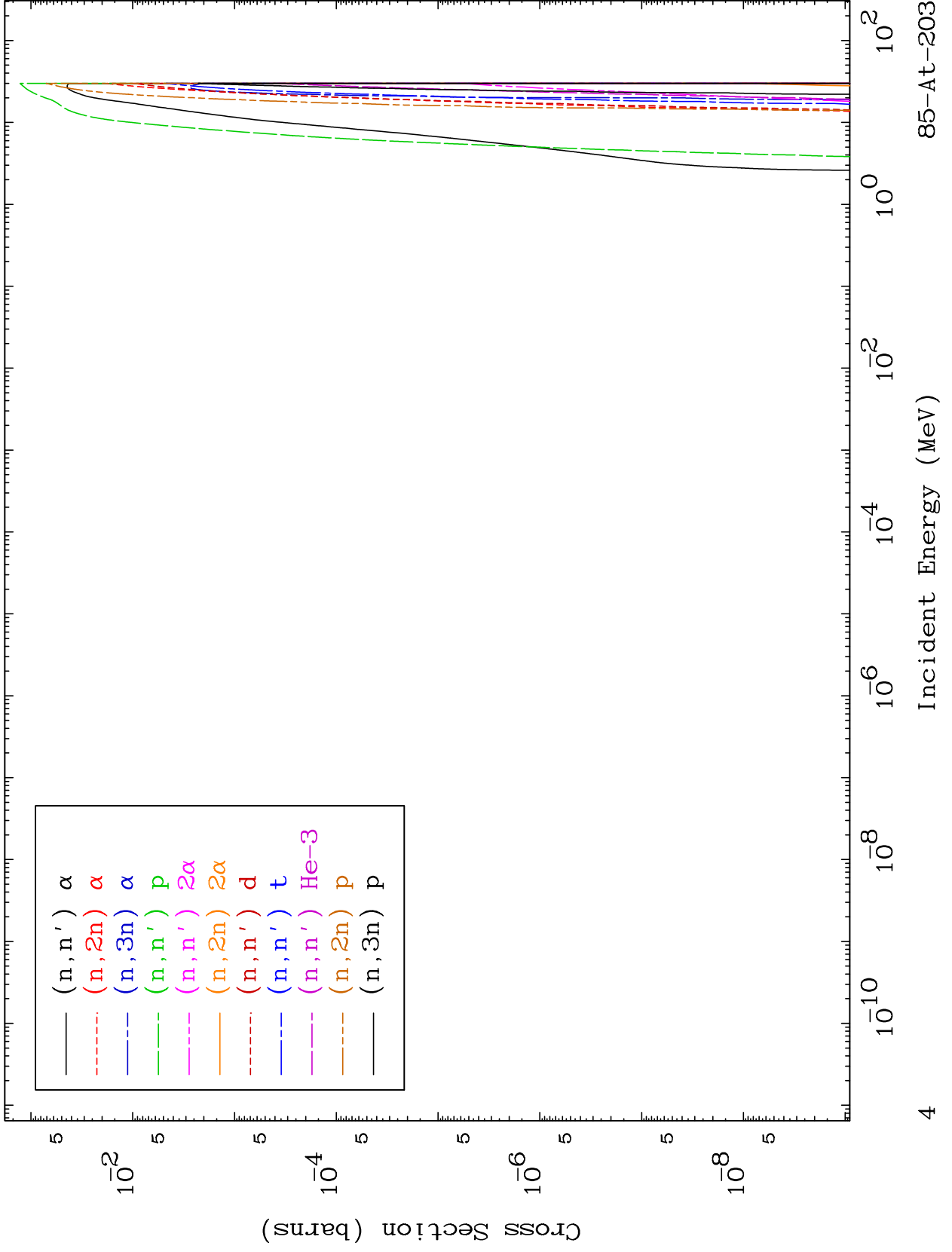
85-At-203



MAT 8525

Charged Particle
293 Kelvin Cross Sections

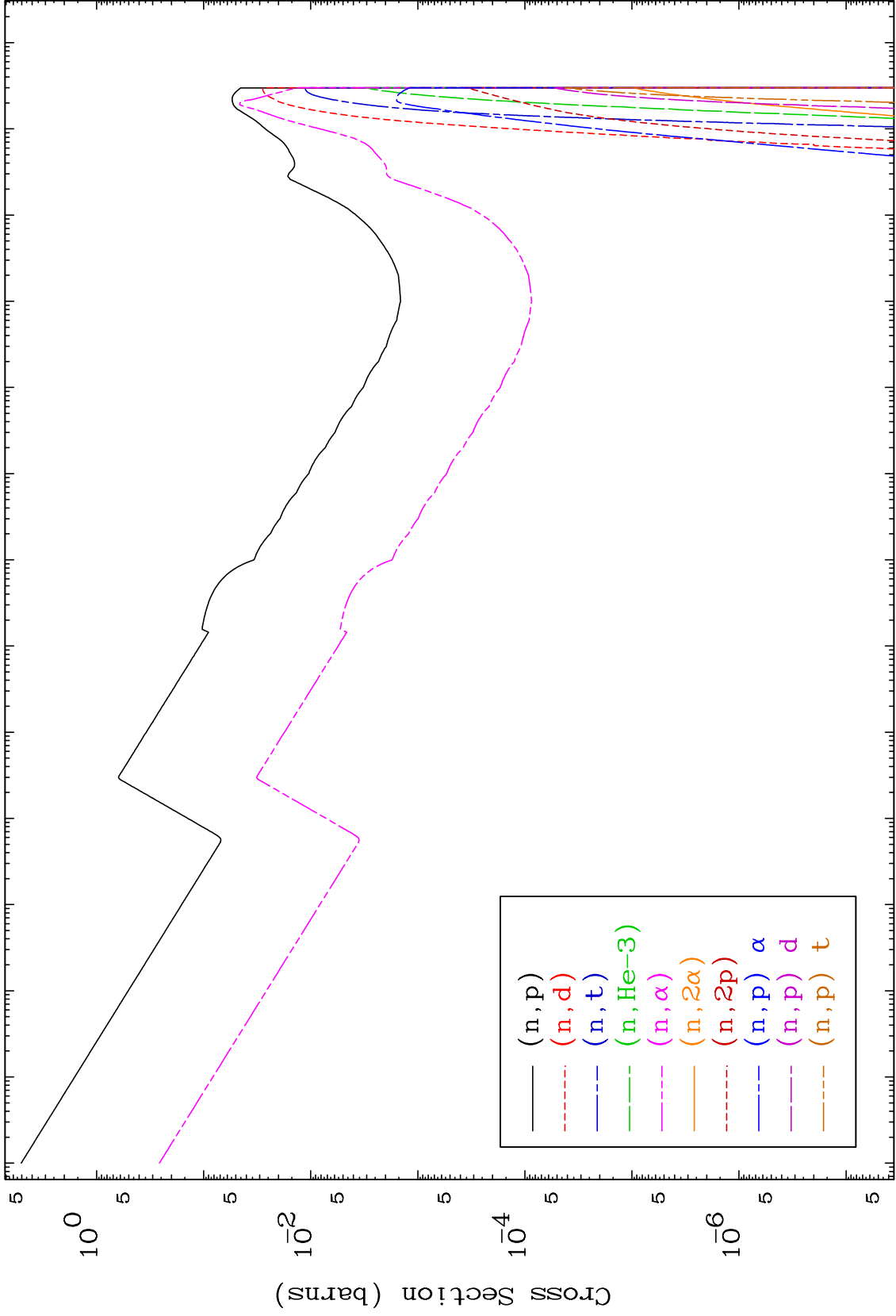
85-At-203



MAT 8525

Charged Particle
293 Kelvin Cross Sections

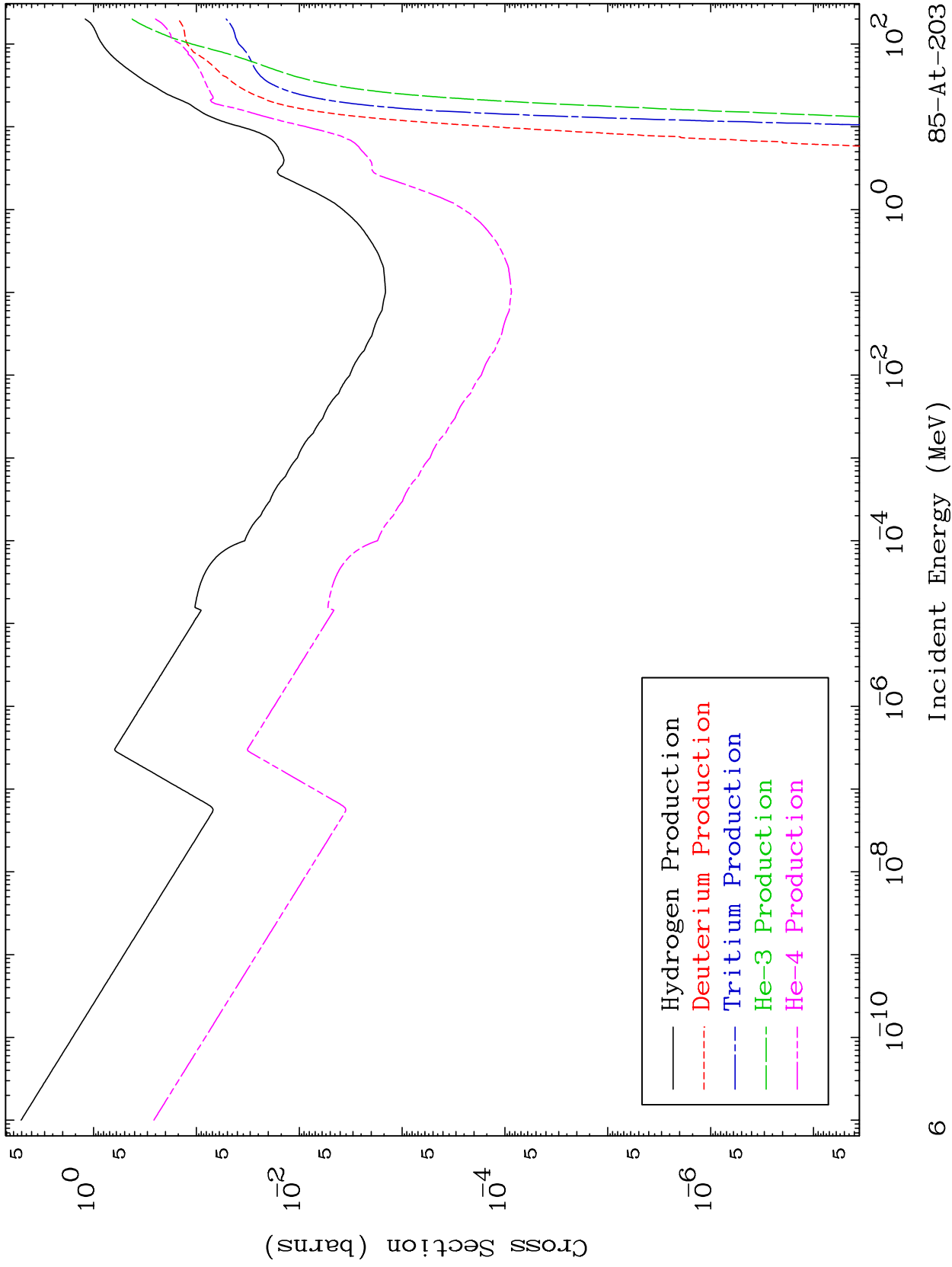
85-At-203



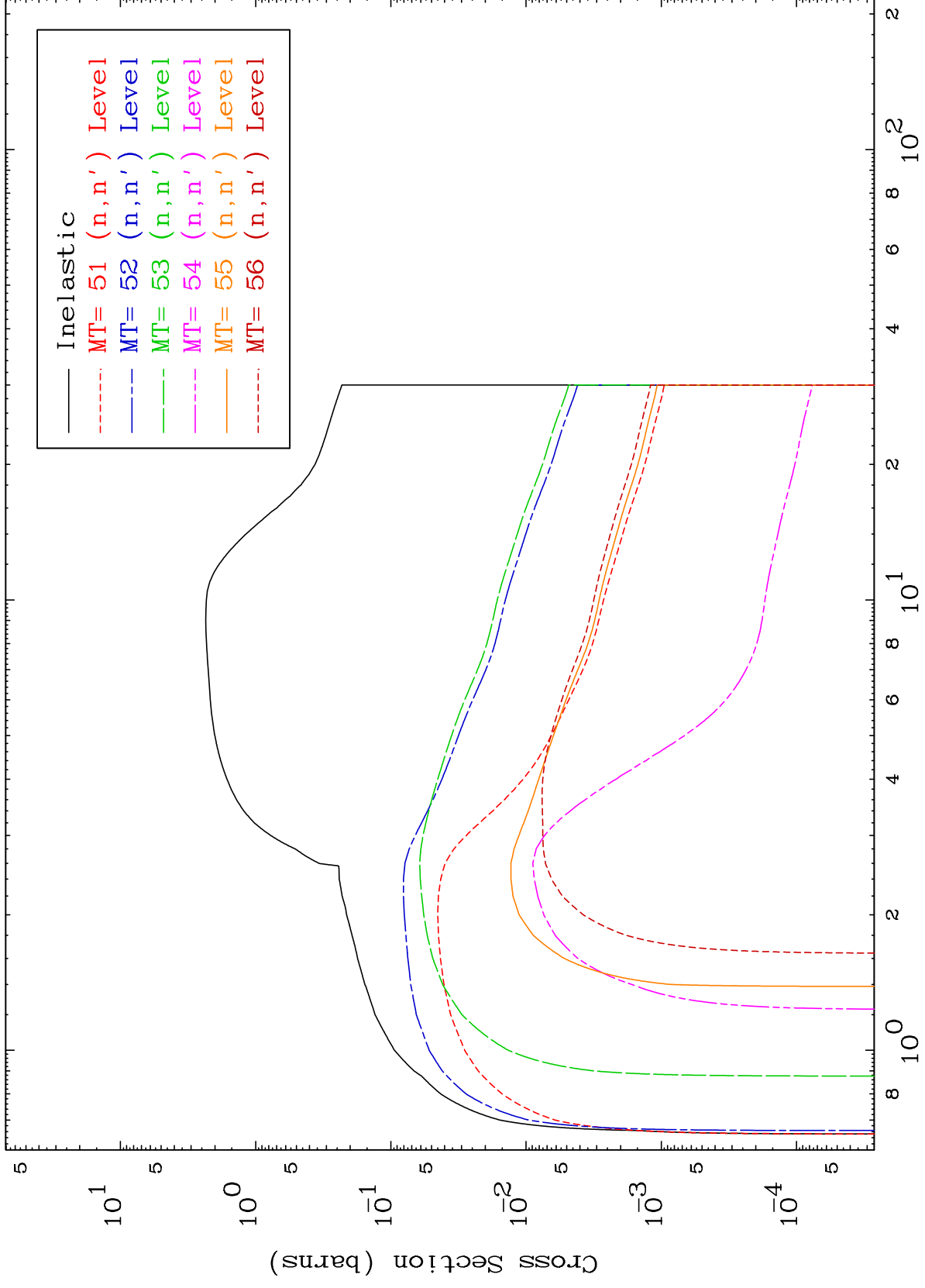
5

Incident Energy (MeV)

85-At-203



293 Kelvin Cross Sections

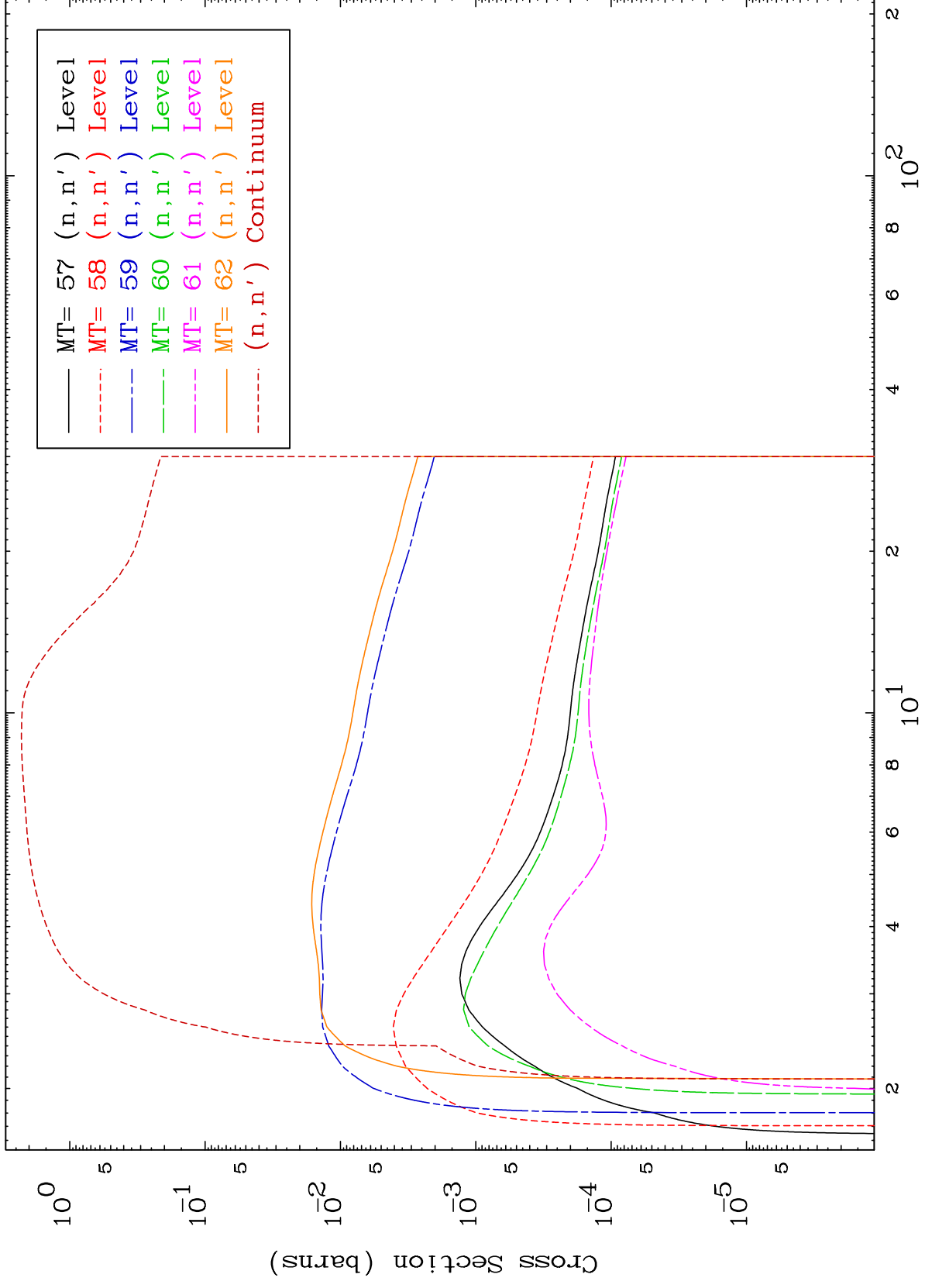


MAT 8525

(n,n') Level

85-At-203

293 Kelvin Cross Sections



8

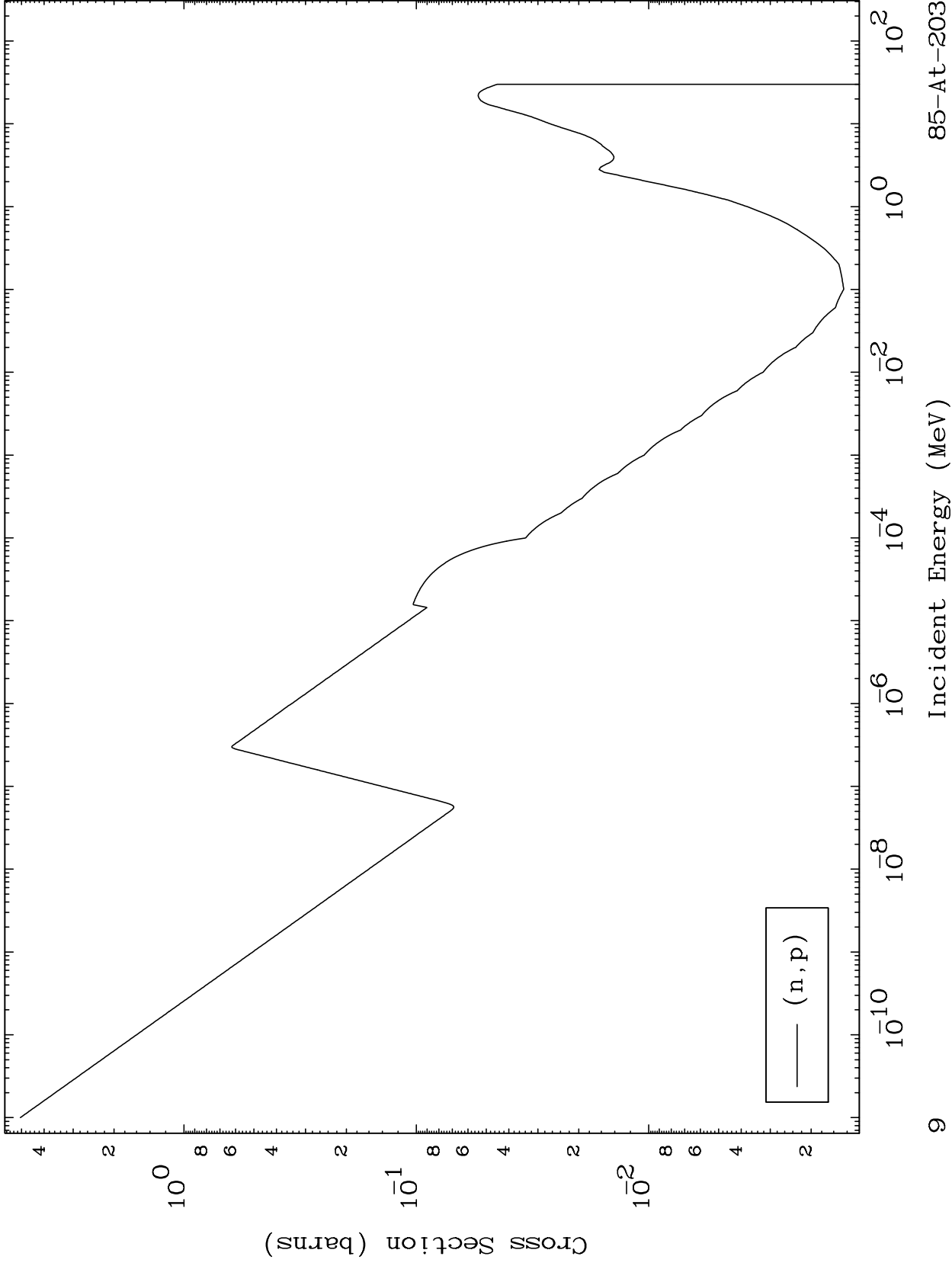
Incident Energy (MeV)

85-At-203

MAT 8525

(n,p) Levels
293 Kelvin Cross Sections

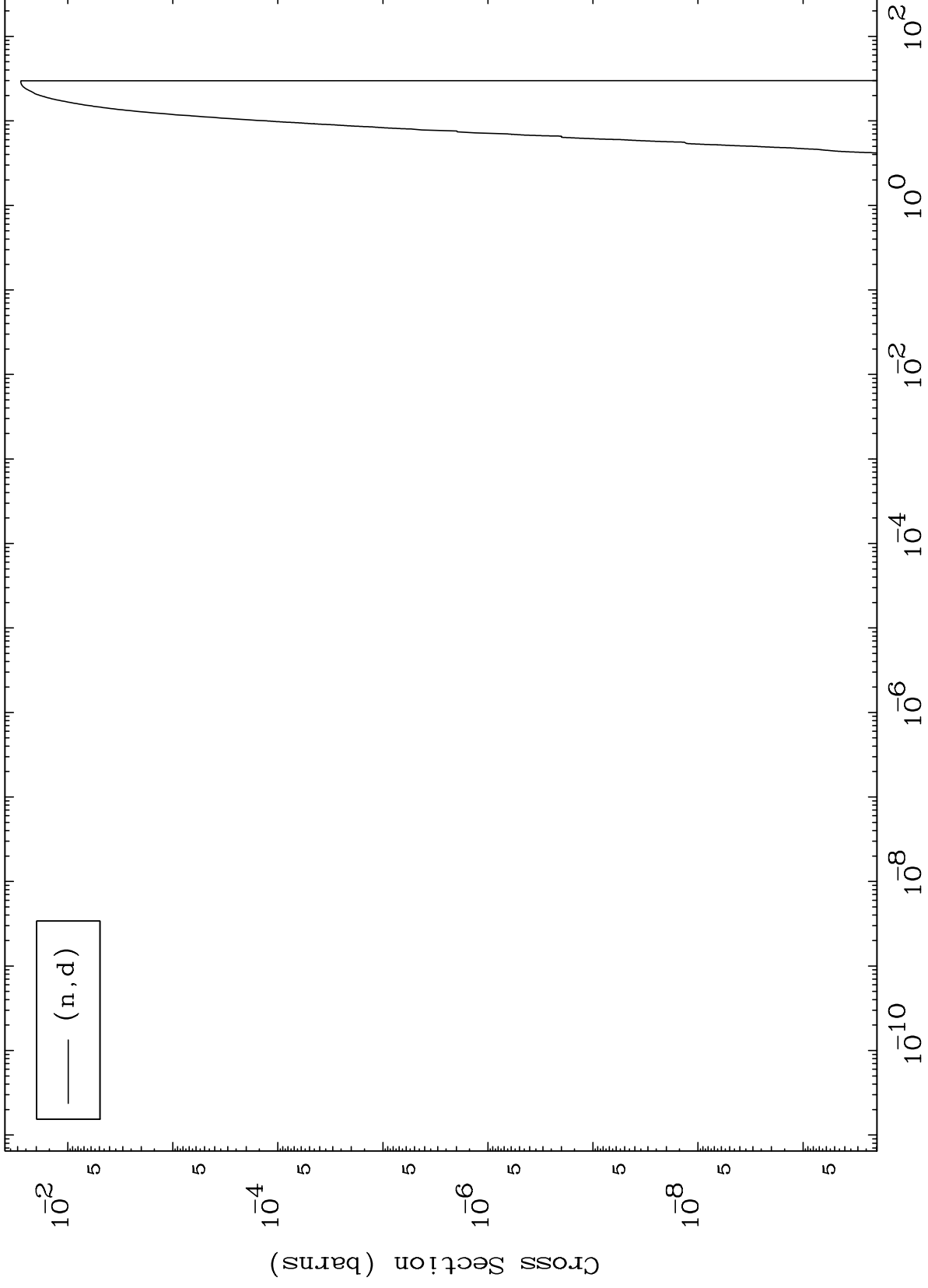
85-At-203



MAT 8525

(n,d) Levels
293 Kelvin Cross Sections

85-At-203



(n,d)

10

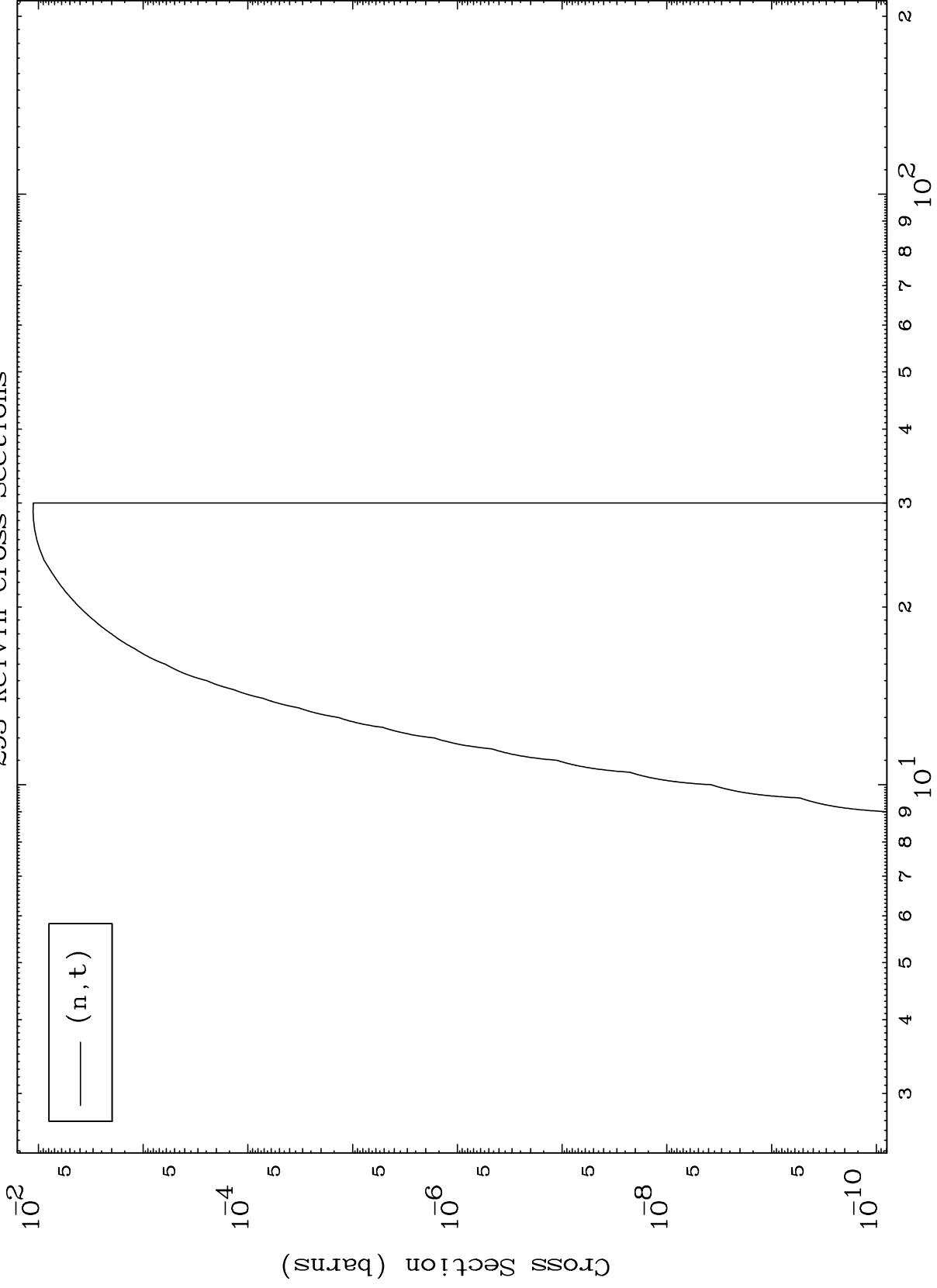
Incident Energy (MeV)

85-At-203

MAT 8525

(n,t) Levels
293 Kelvin Cross Sections

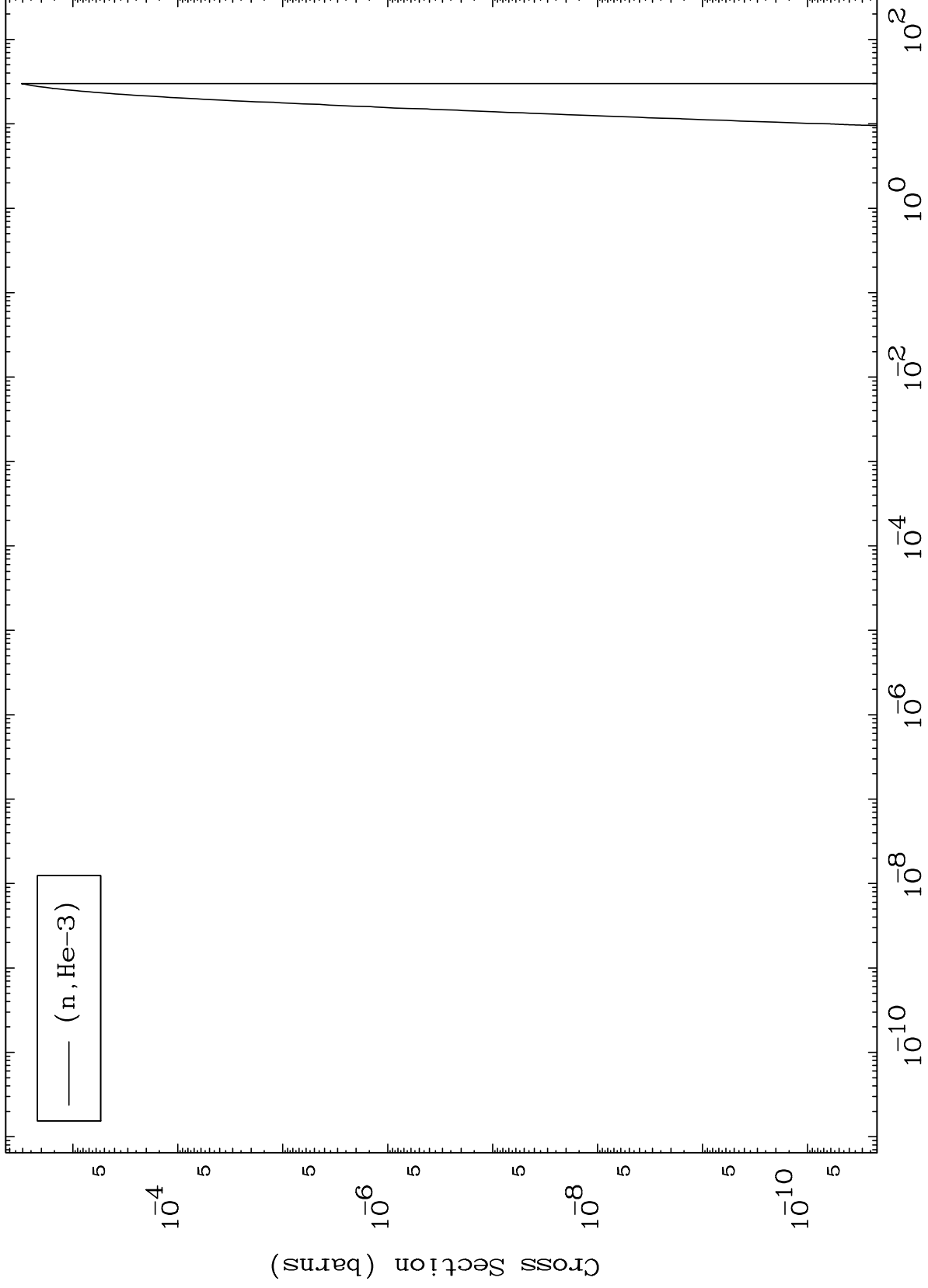
85-At-203



MAT 8525

(n,He3) Levels
293 Kelvin Cross Sections

85-At-203



12

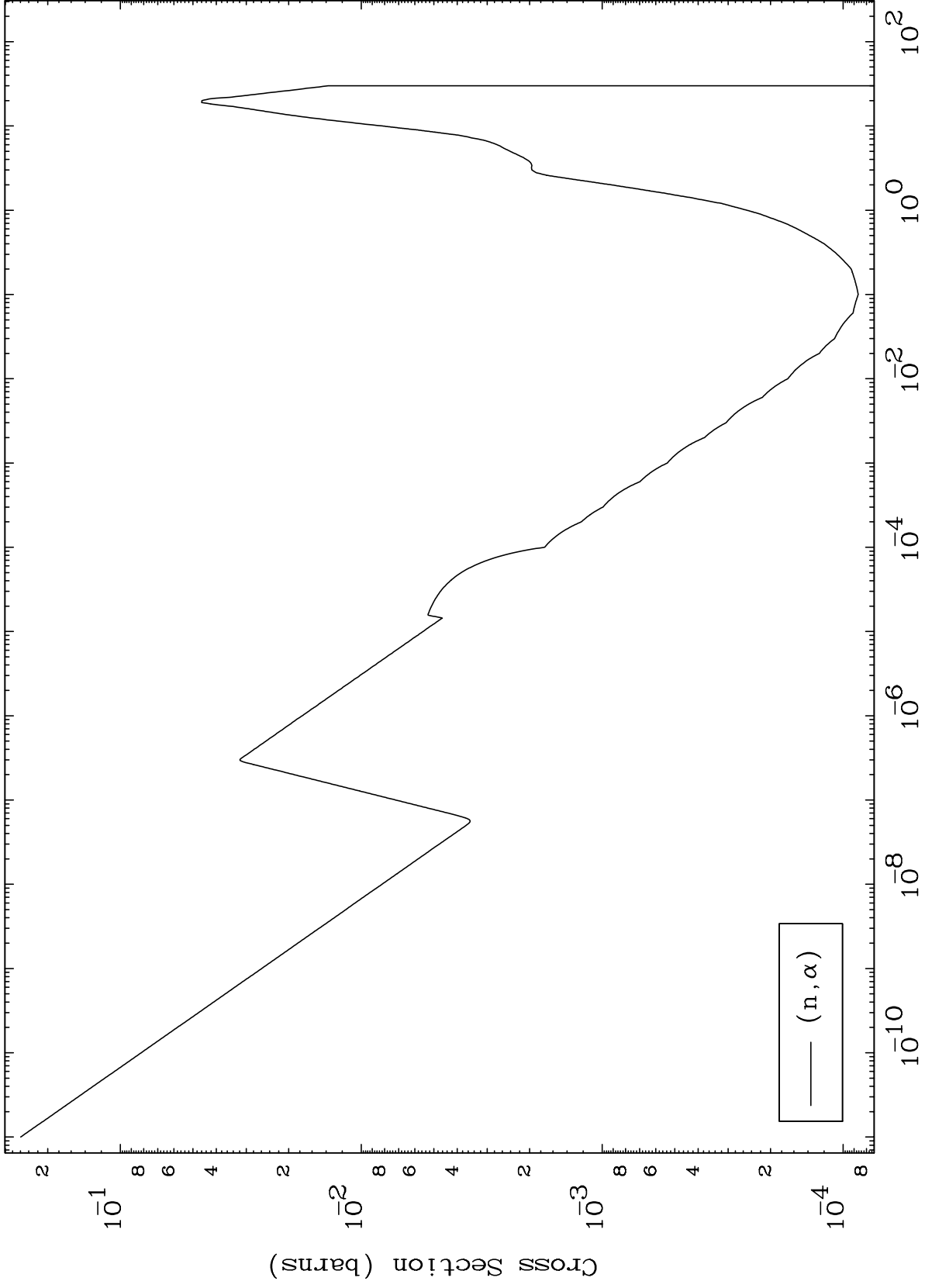
Incident Energy (MeV)

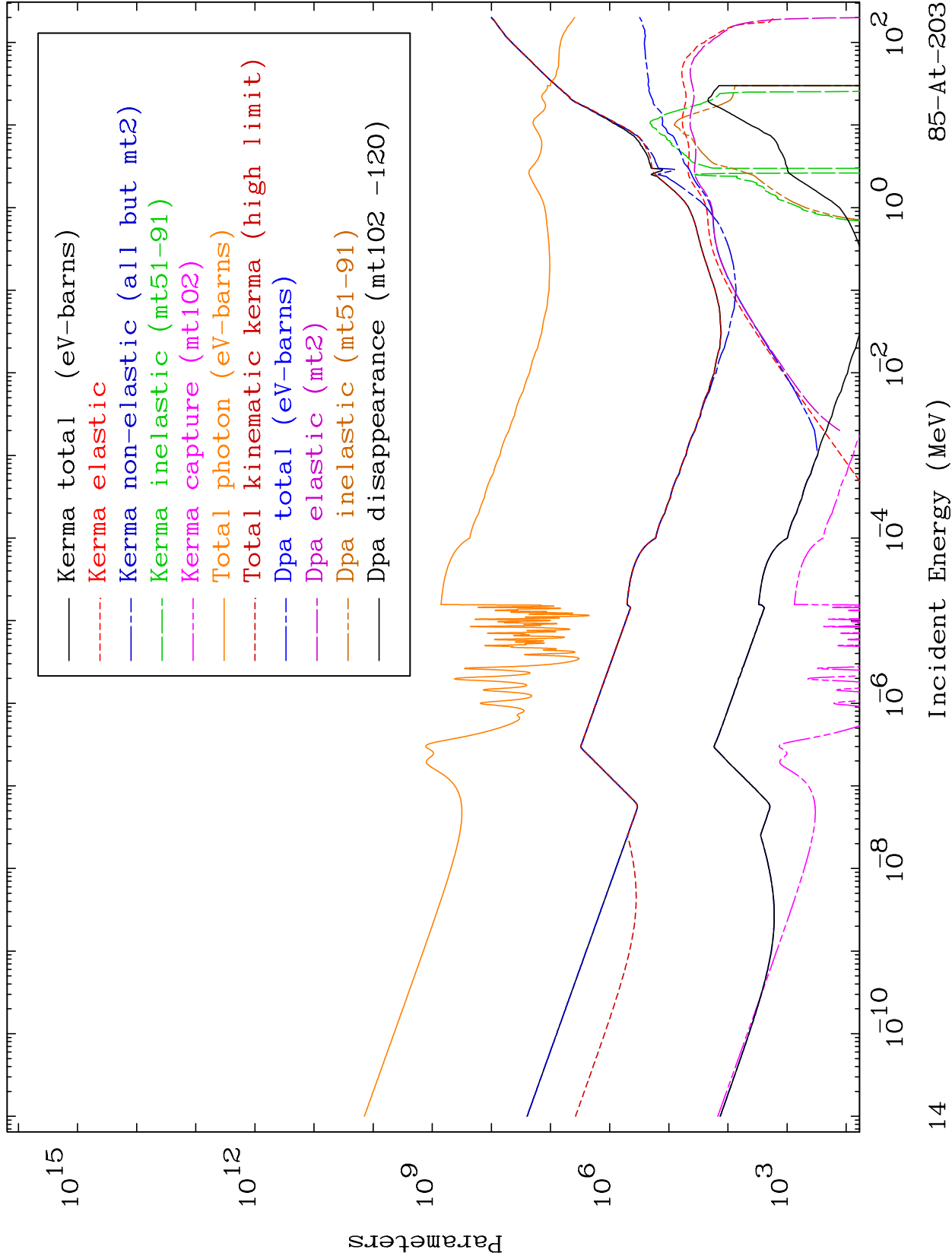
85-At-203

MAT 8525

(n,α) Levels
293 Kelvin Cross Sections

85-At-203

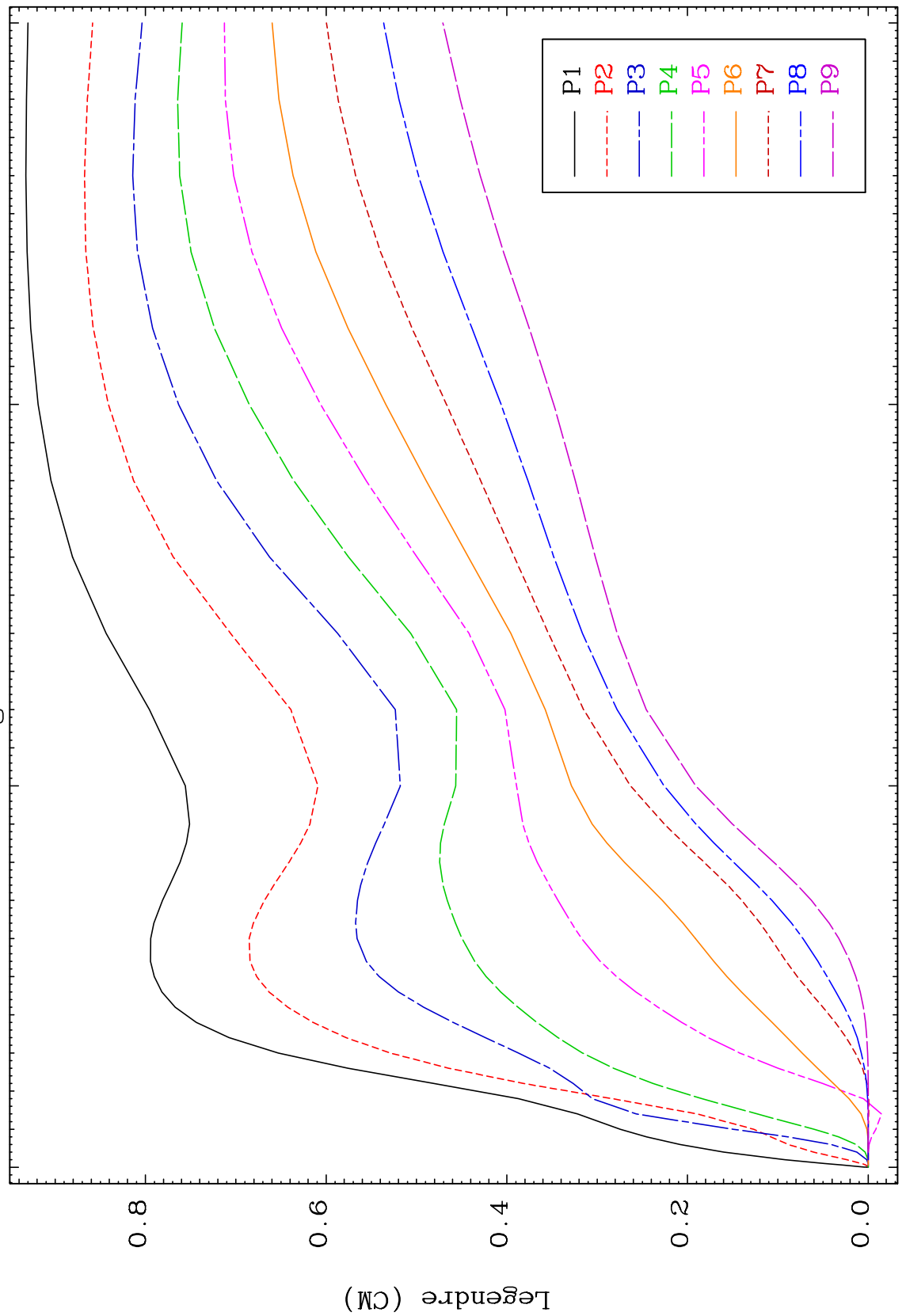




MAT 8525

85-At-203

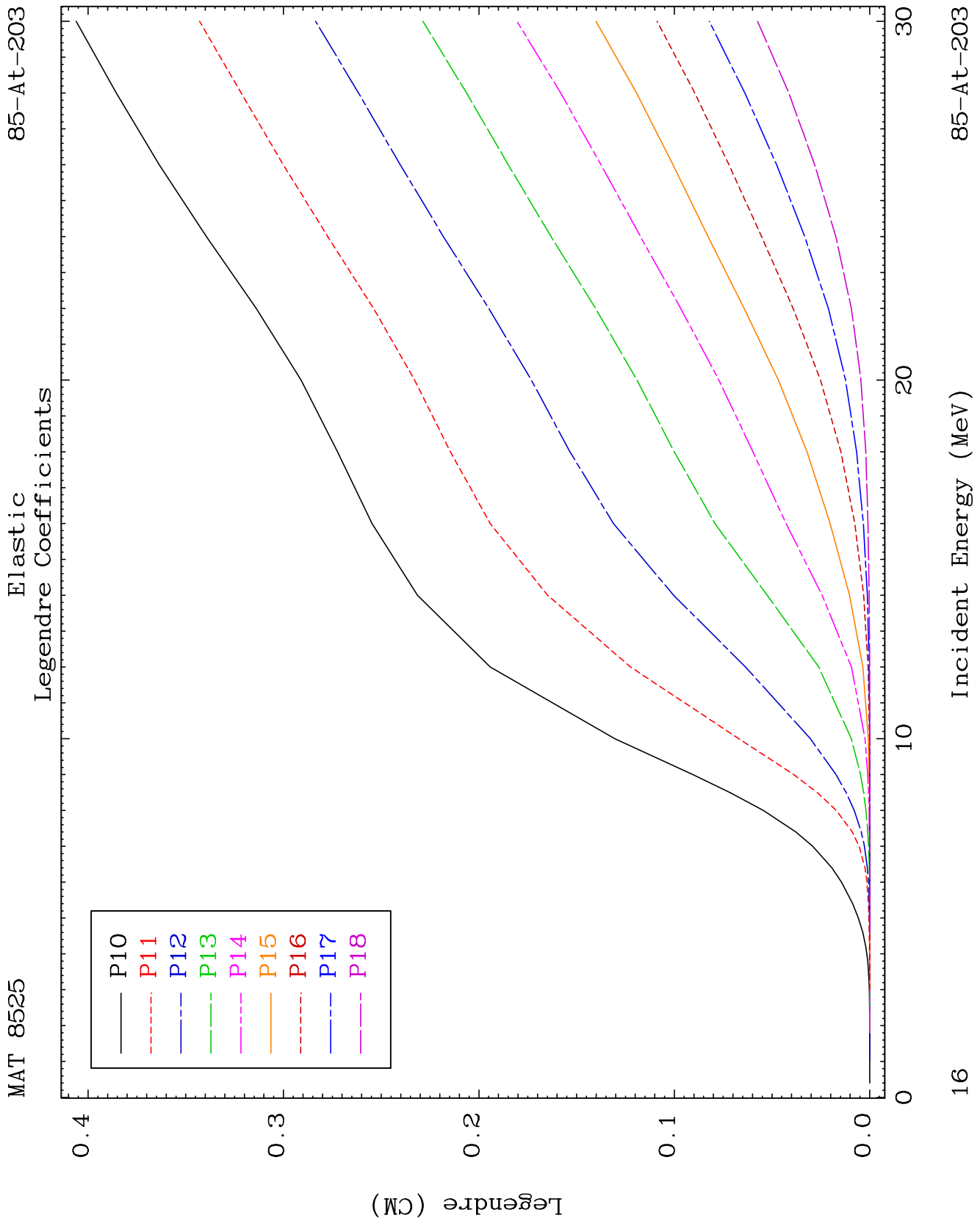
Elastic Legendre Coefficients



85-At-203

Incident Energy (MeV)

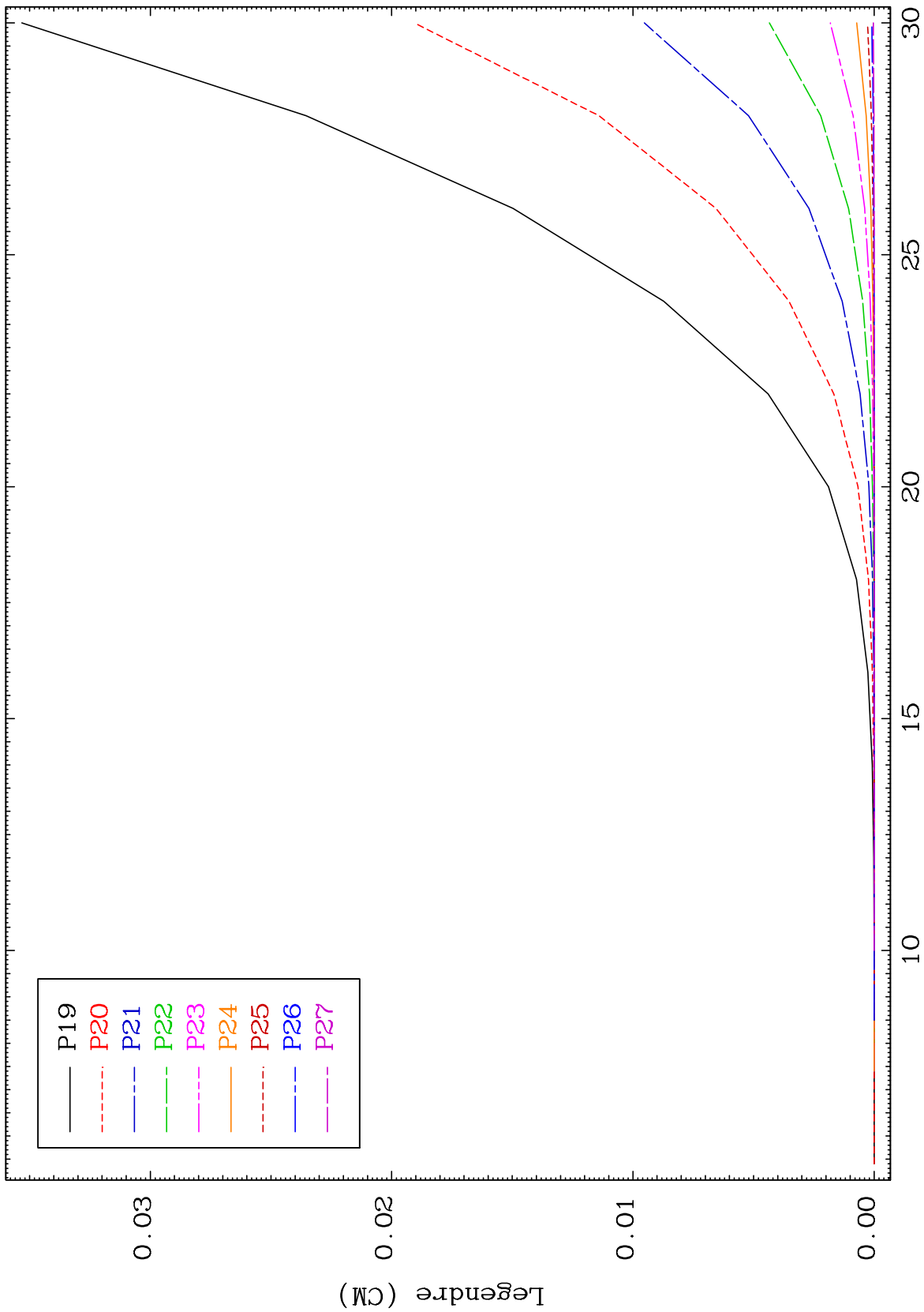
15



MAT 8525

Elastic Legendre Coefficients

85-At-203



17

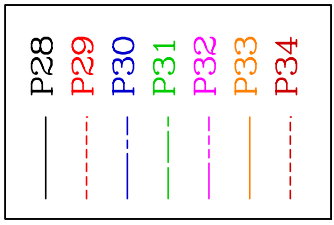
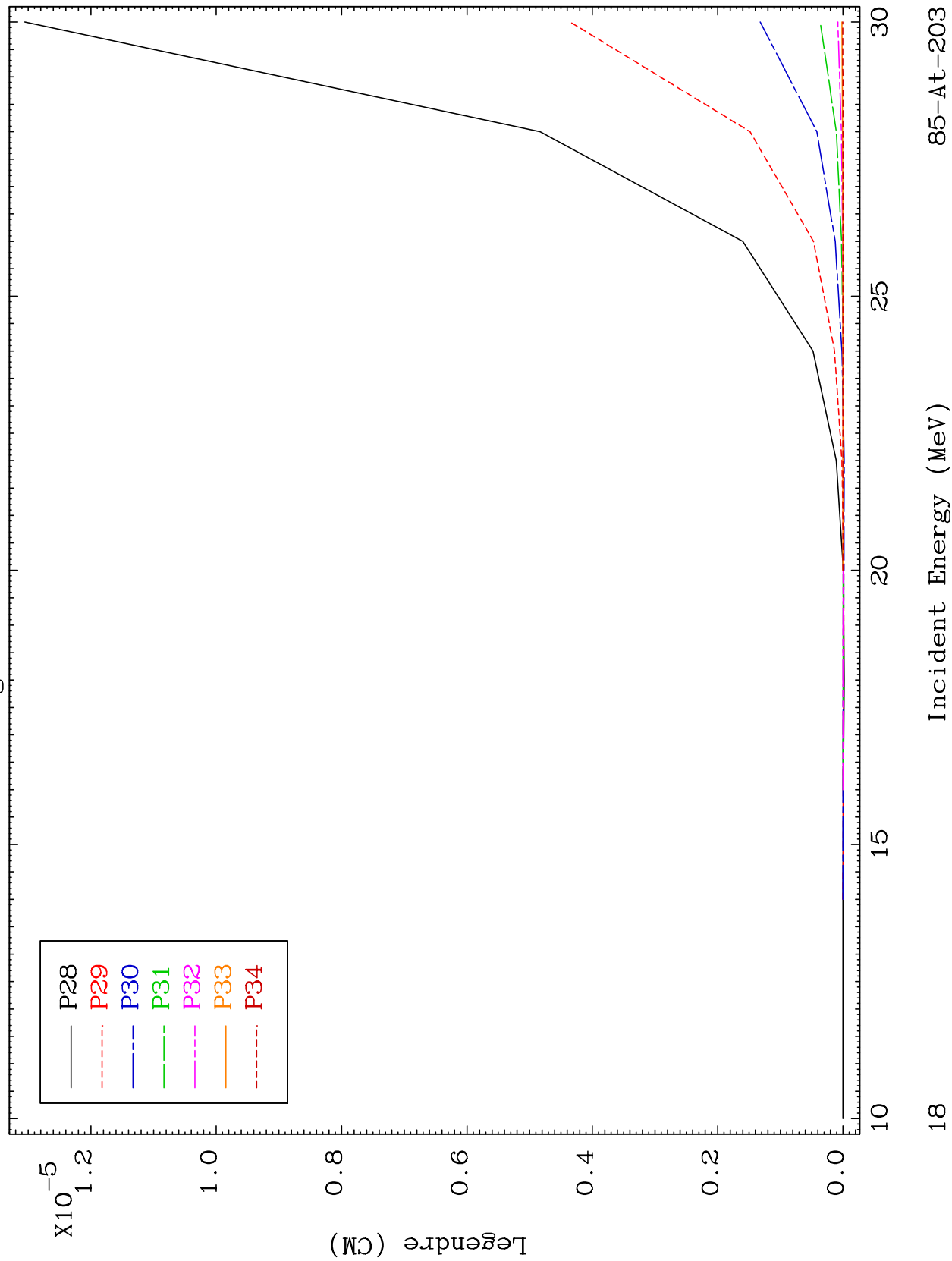
Incident Energy (MeV)

85-At-203

MAT 8525

Elastic Legendre Coefficients

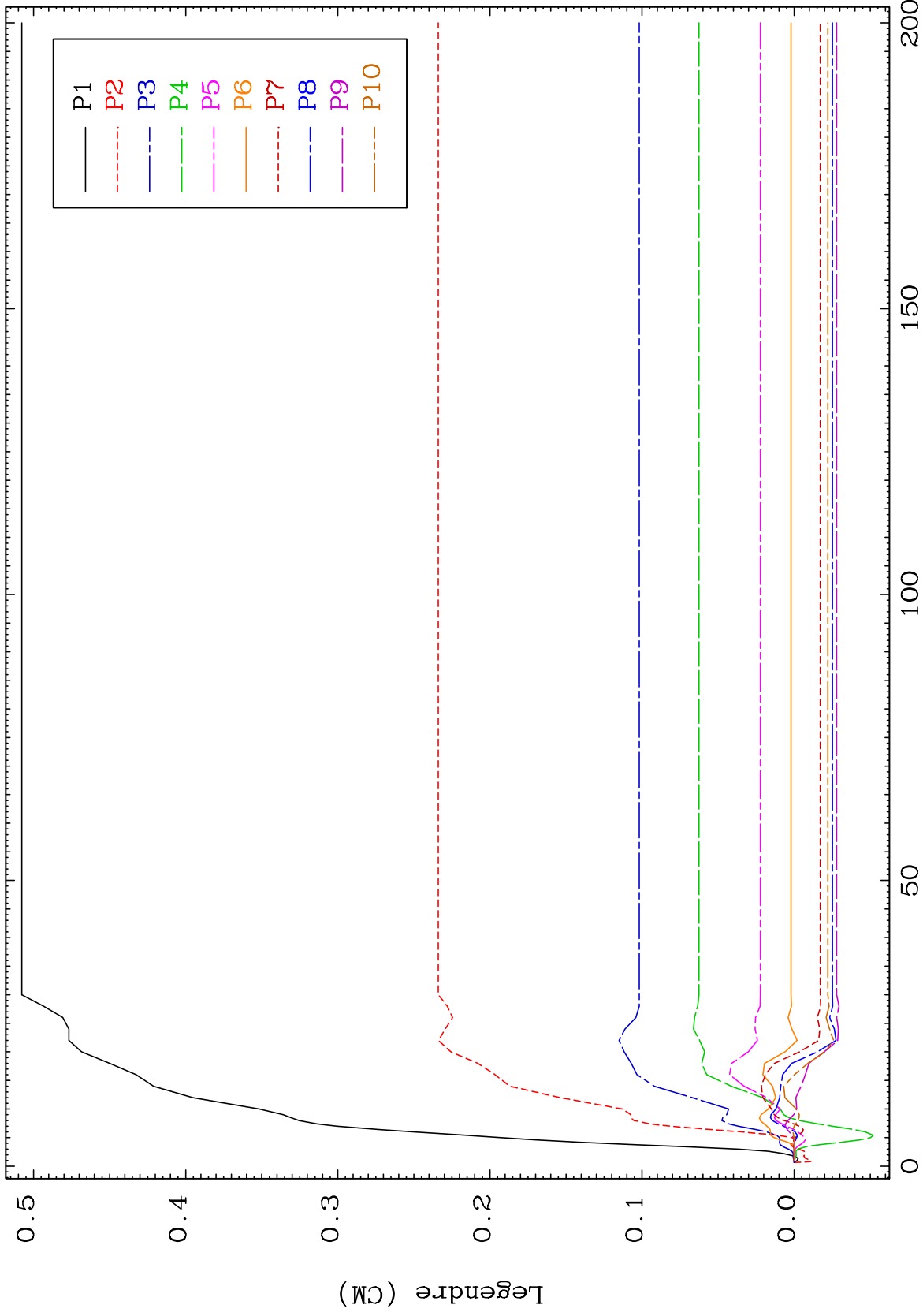
85-At-203



MAT 8525

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

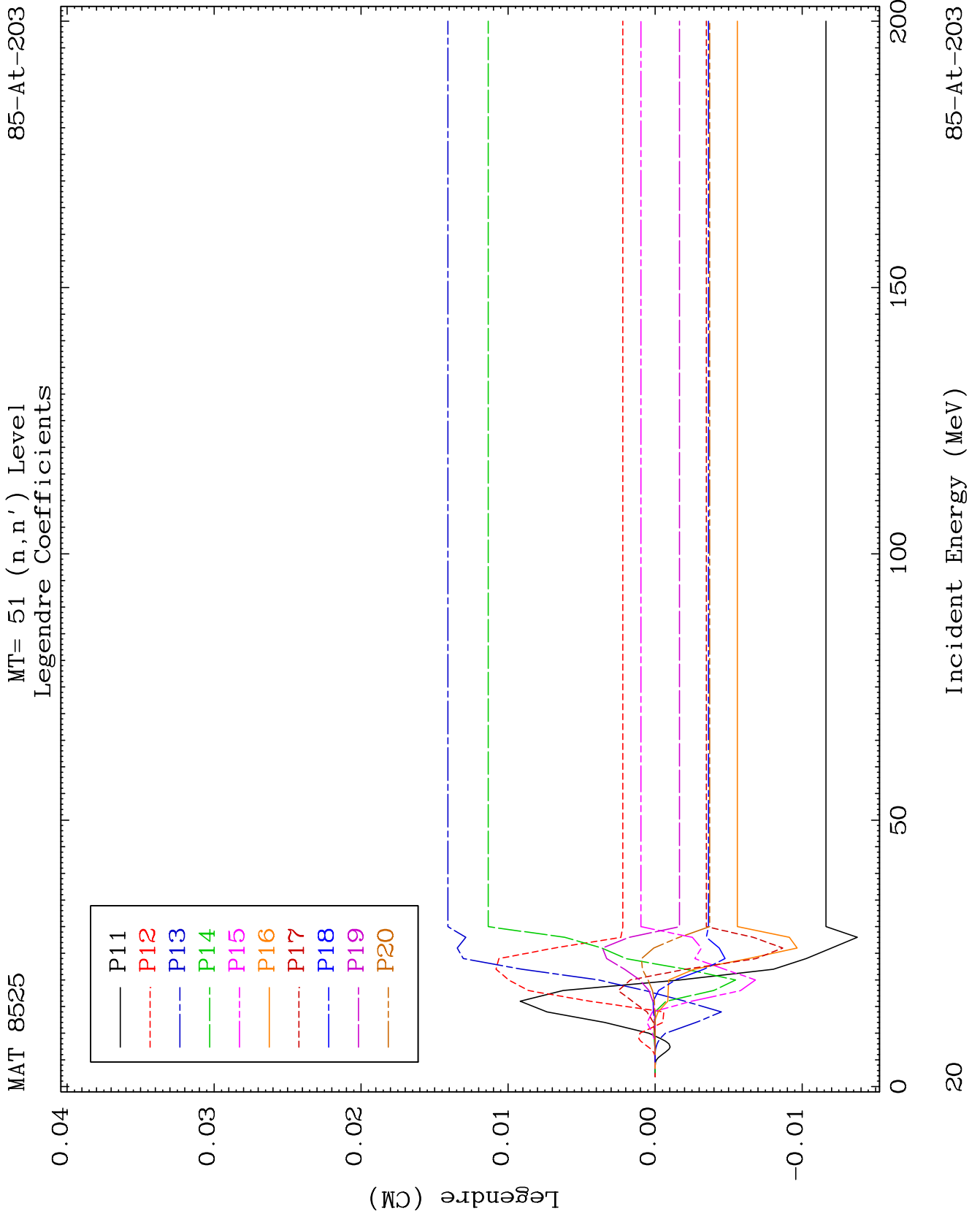
85-At-203



19

Incident Energy (MeV)

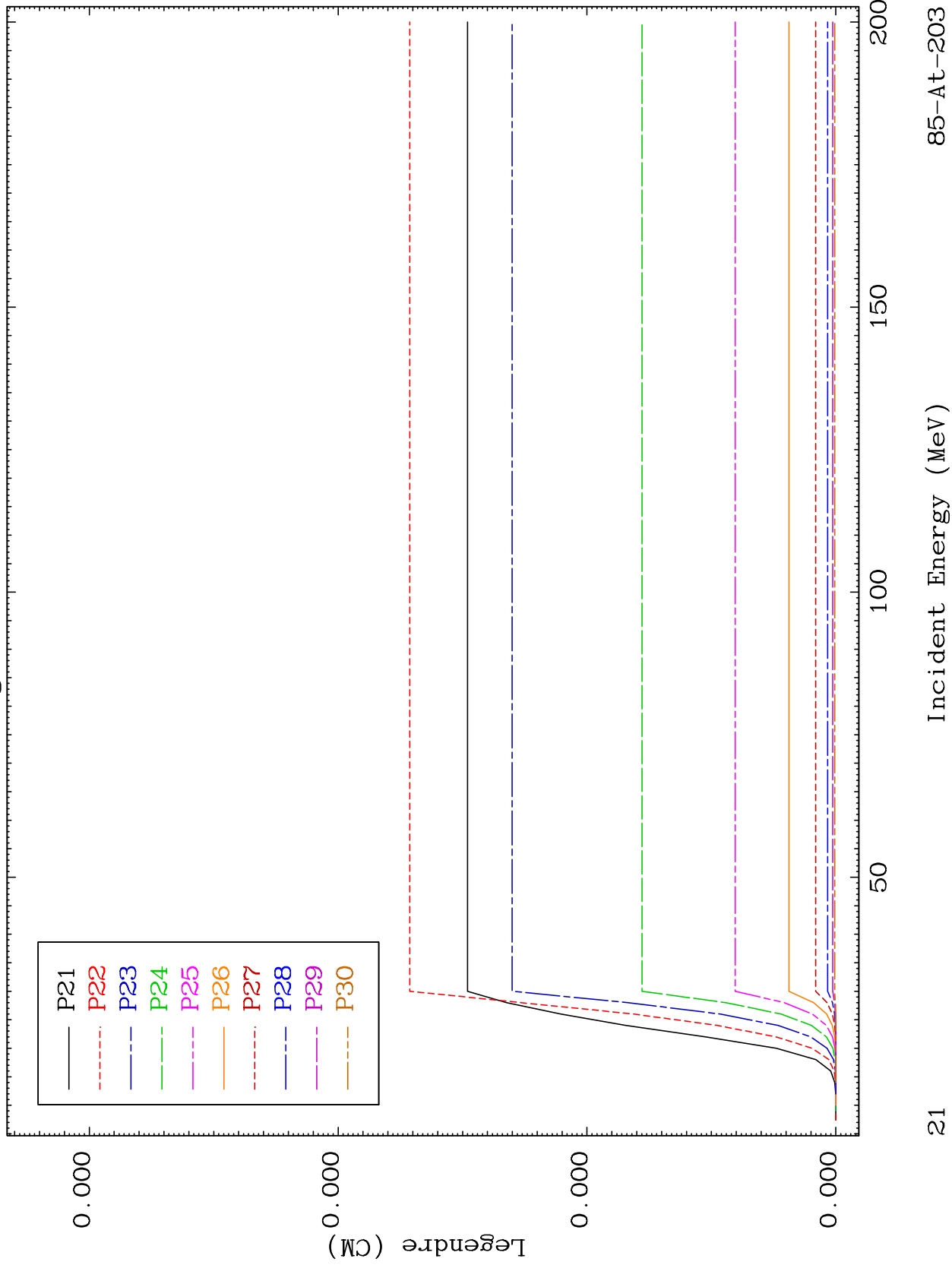
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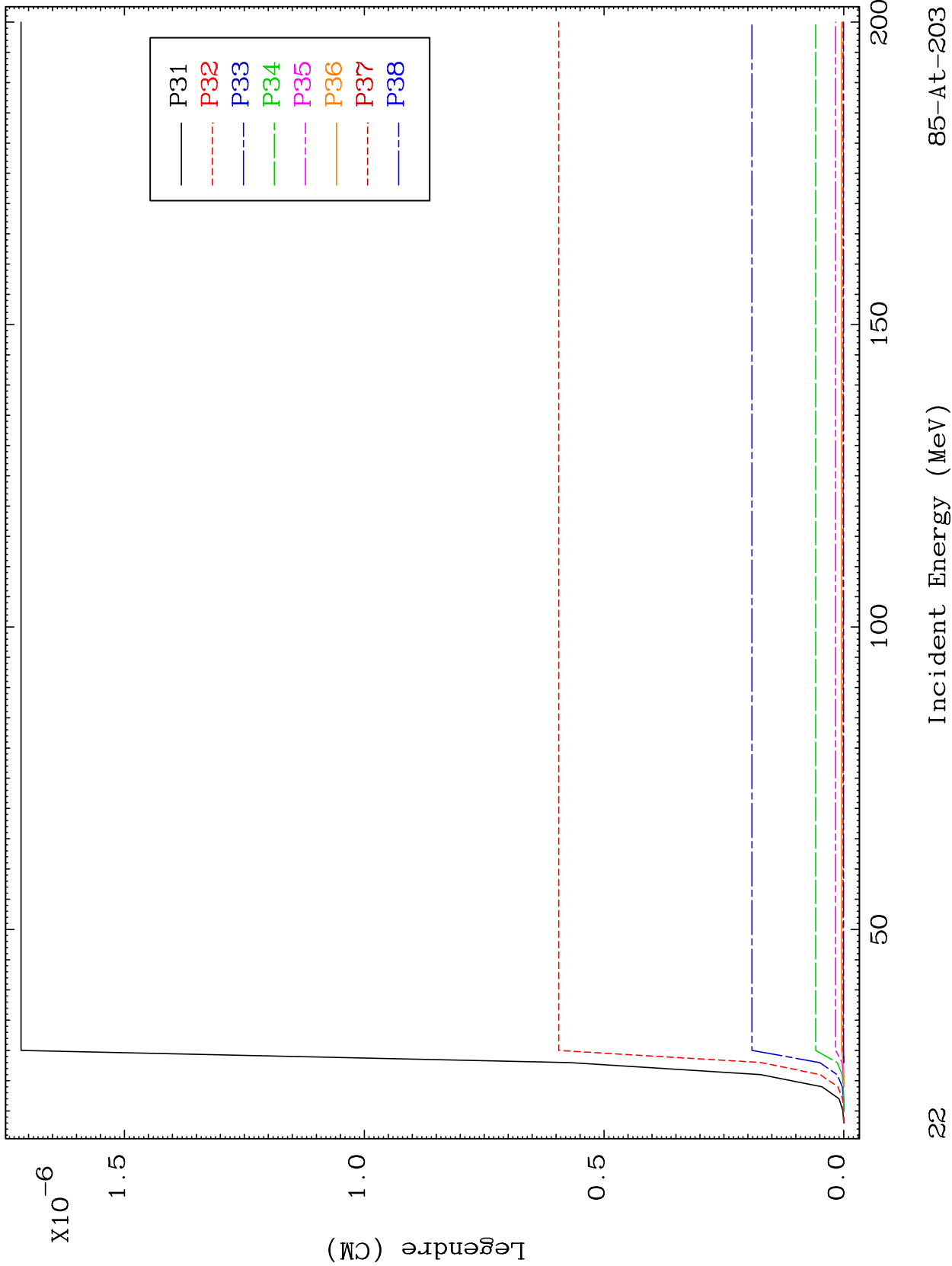


MAT 8525

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

85-At-203

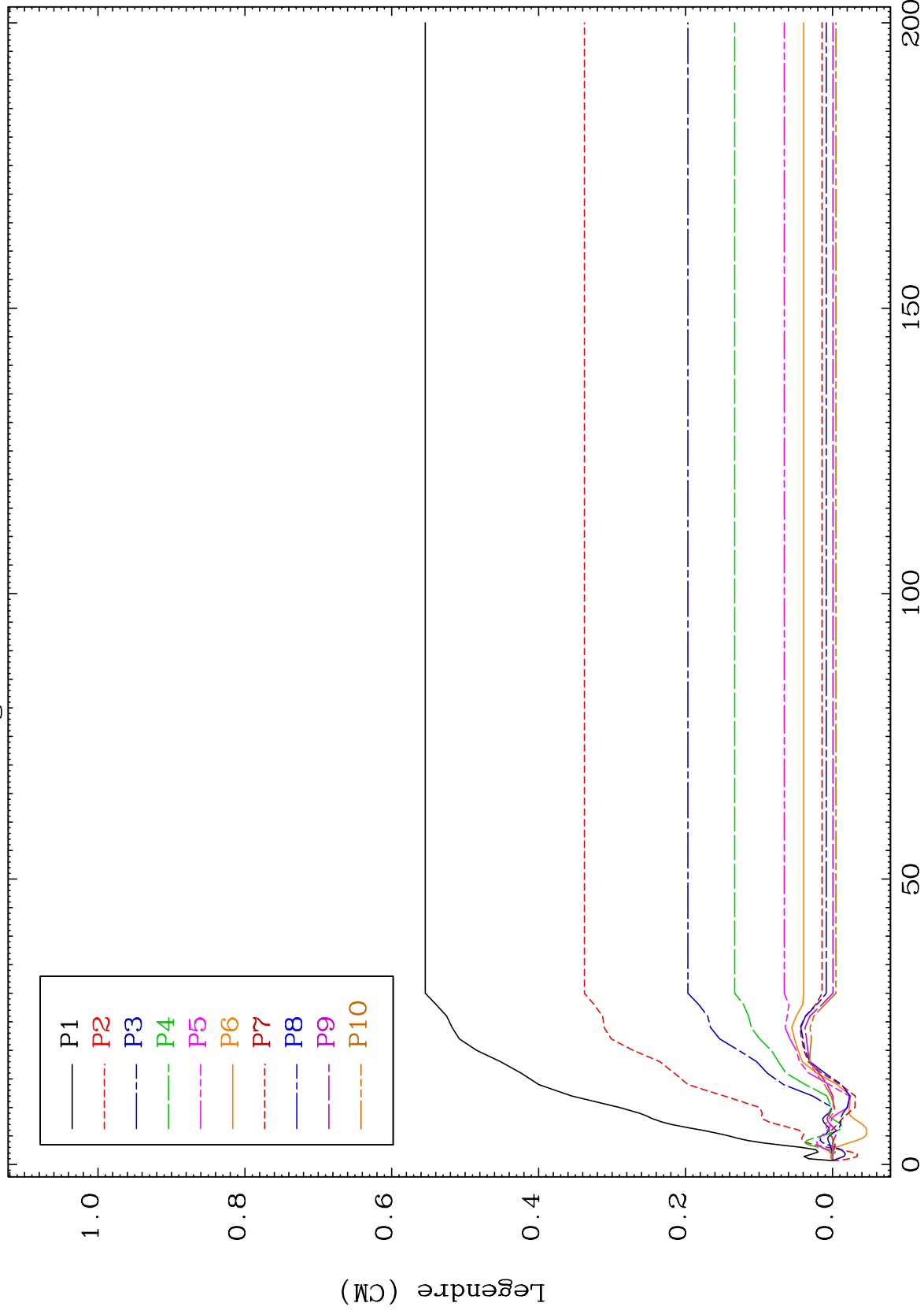




MAT 8525

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

85-At-203



23

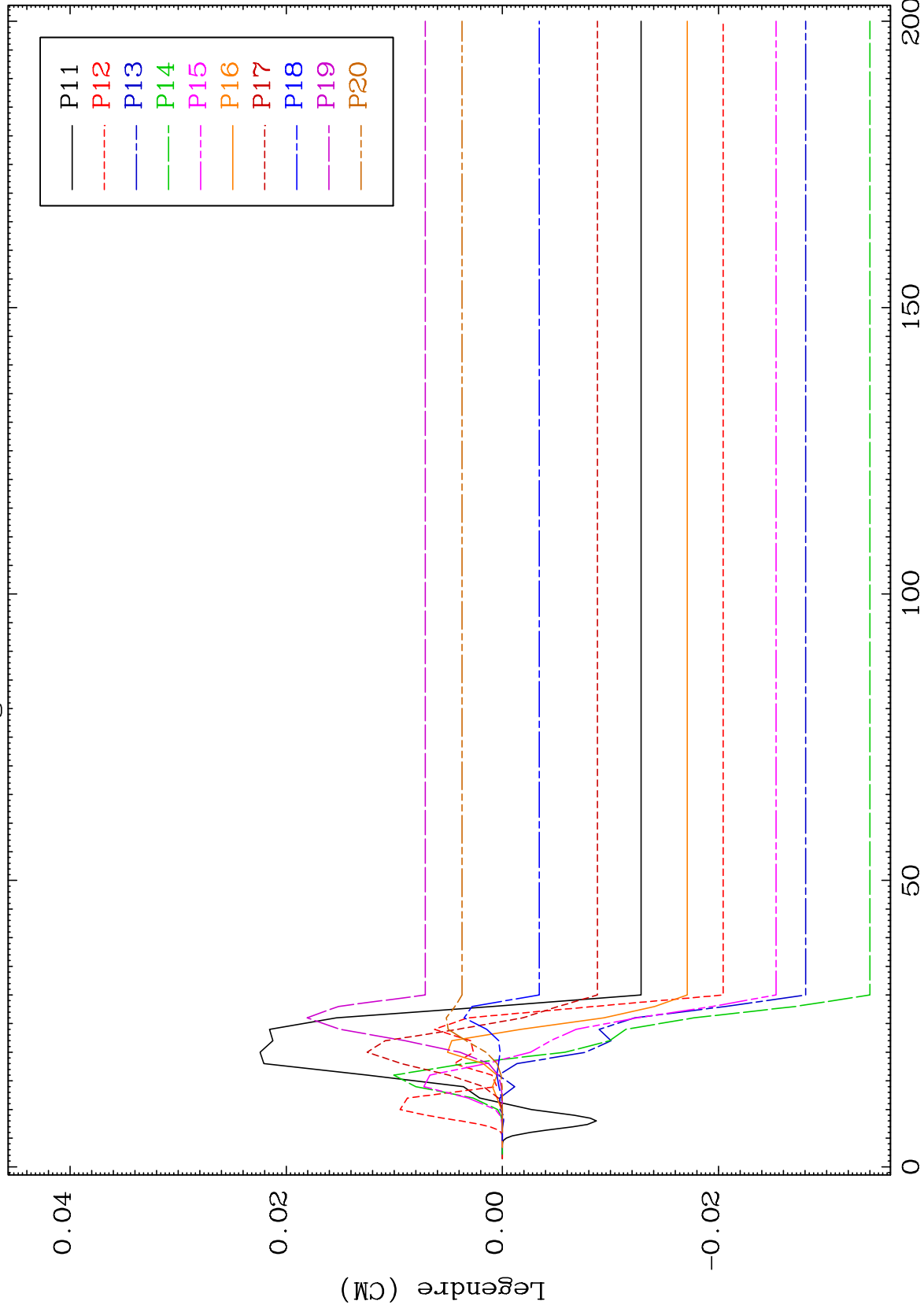
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



24

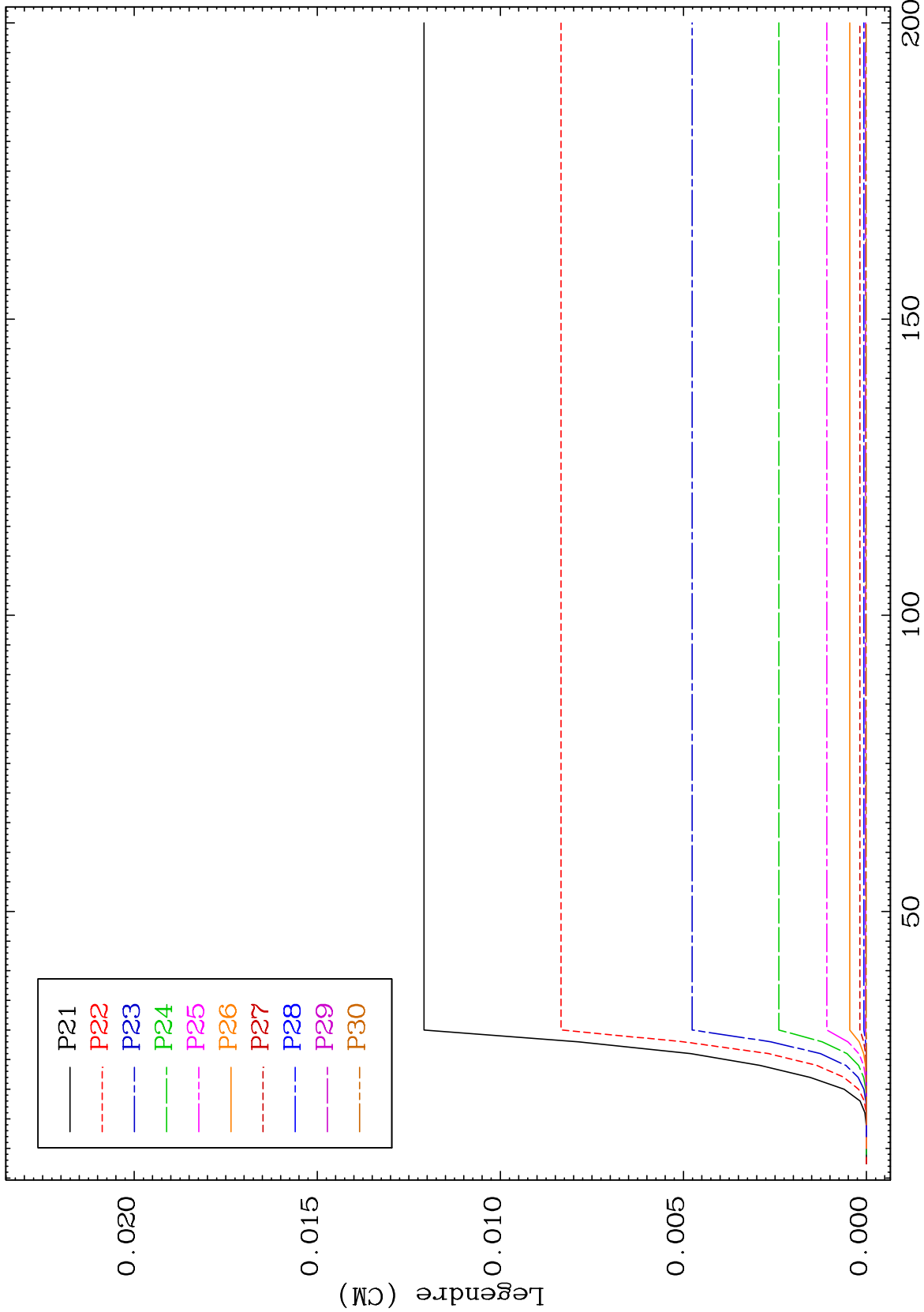
Incident Energy (MeV)

85-At-203

MAT 8525

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

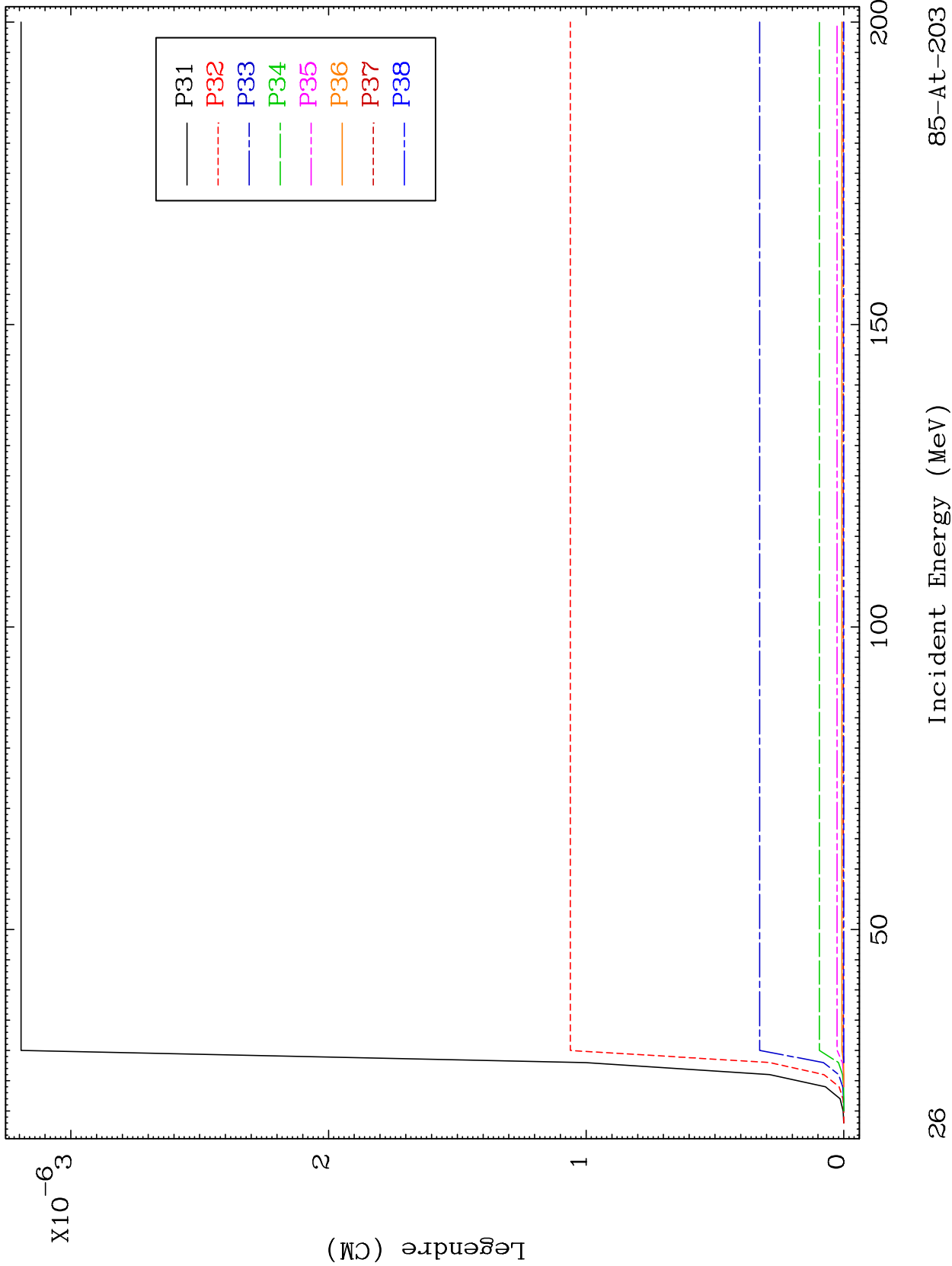
85-At-203

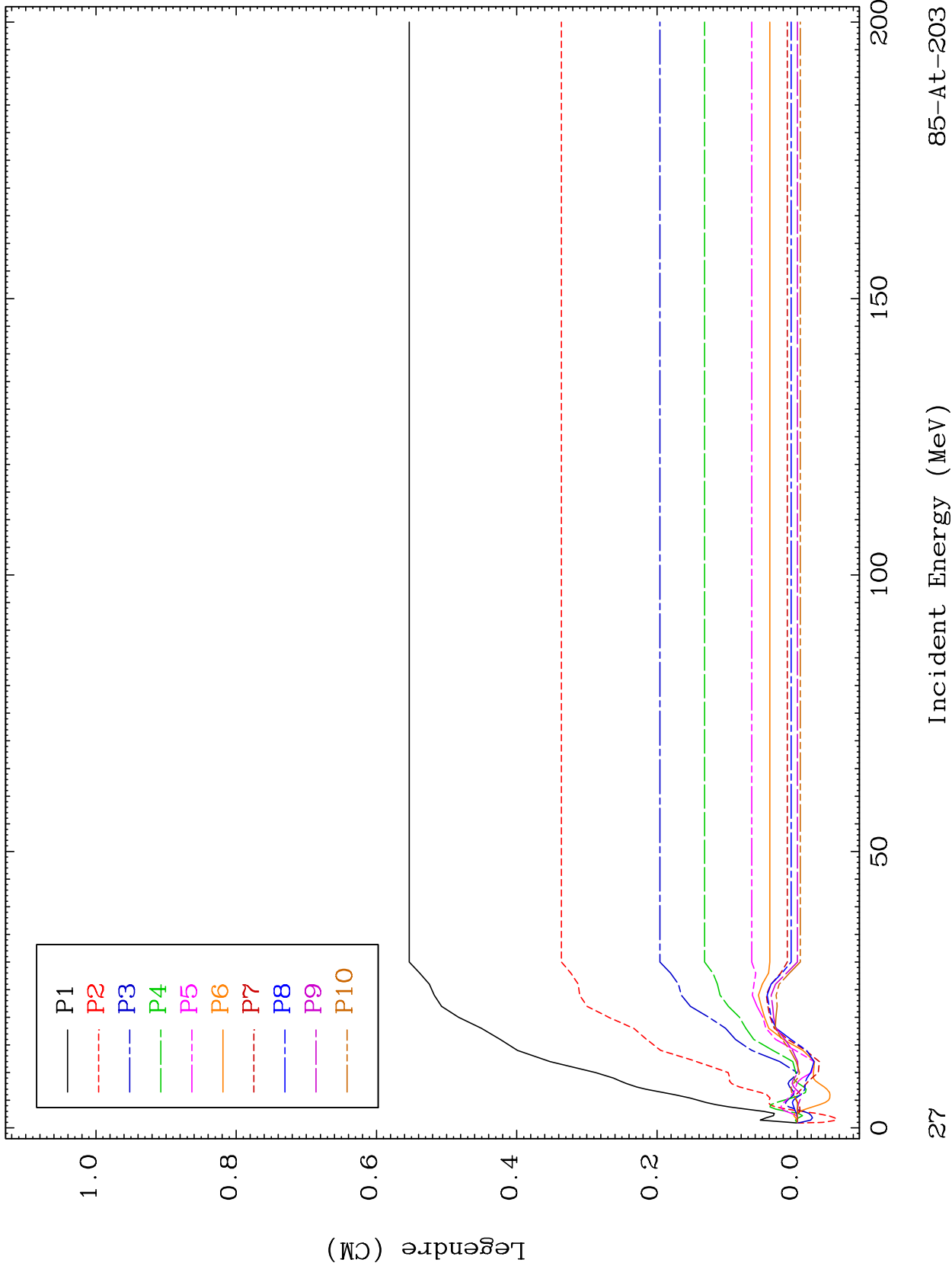


25

Incident Energy (MeV)

85-At-203

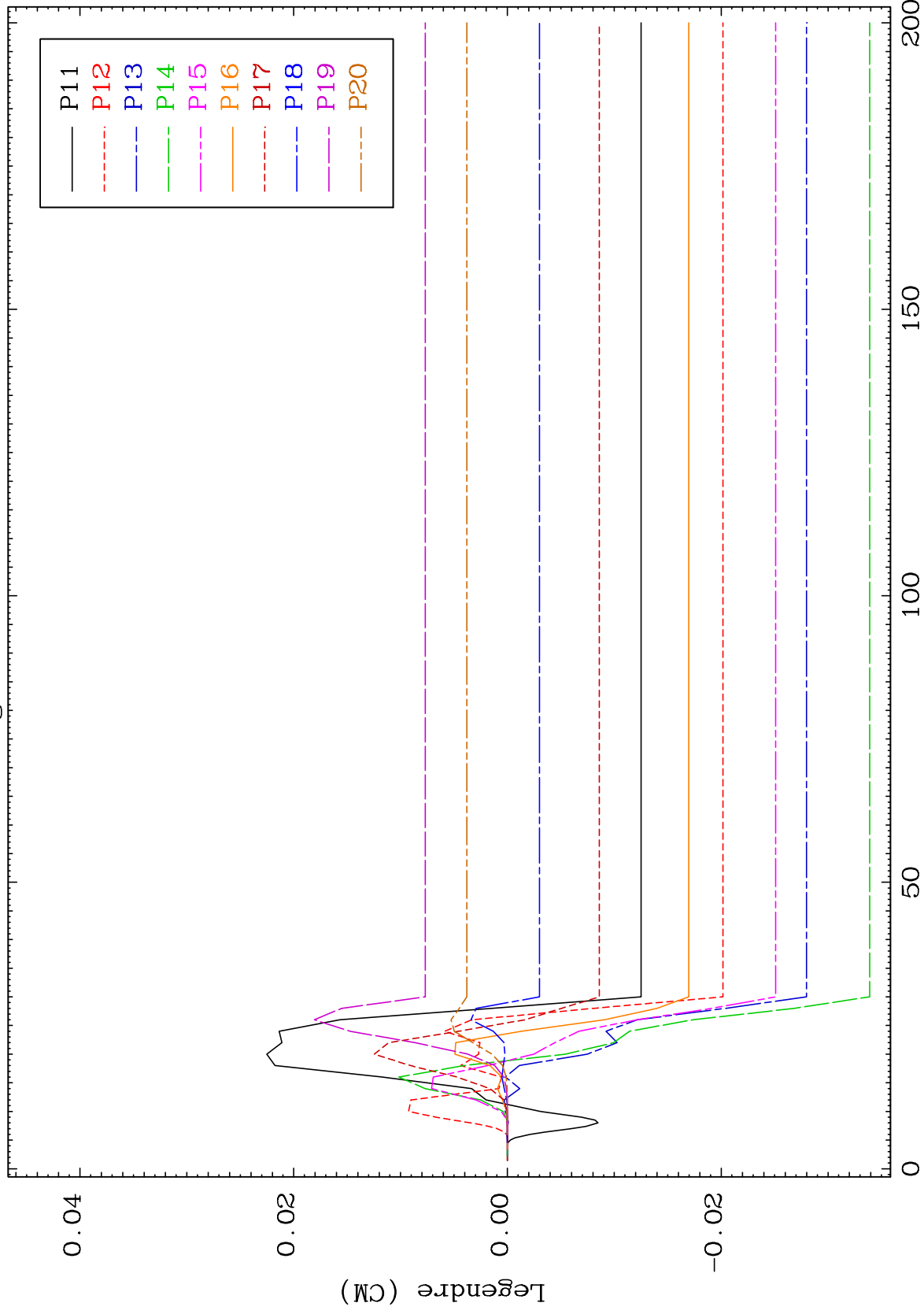




MAT 8525

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

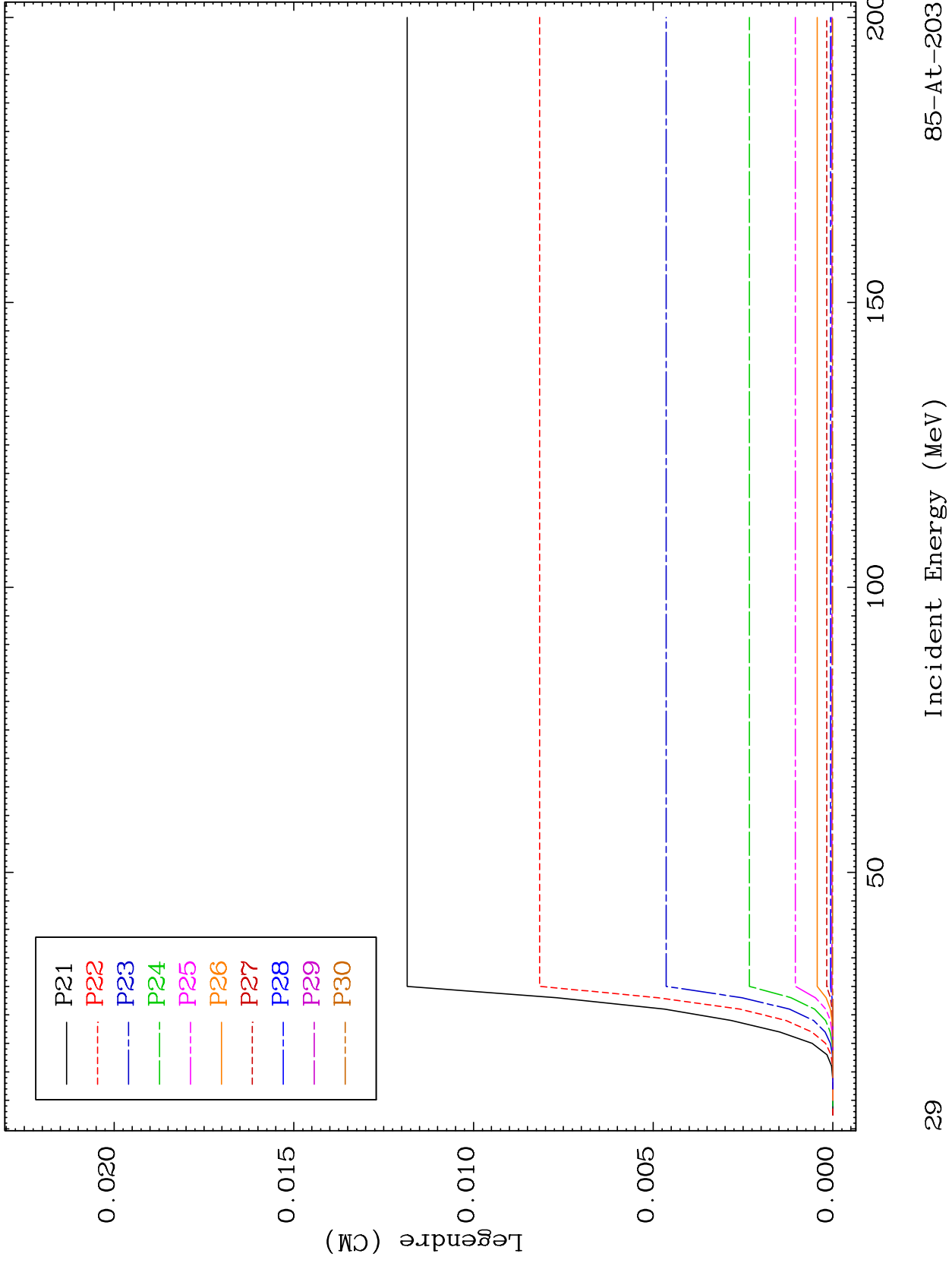
85-At-203



28

Incident Energy (MeV)

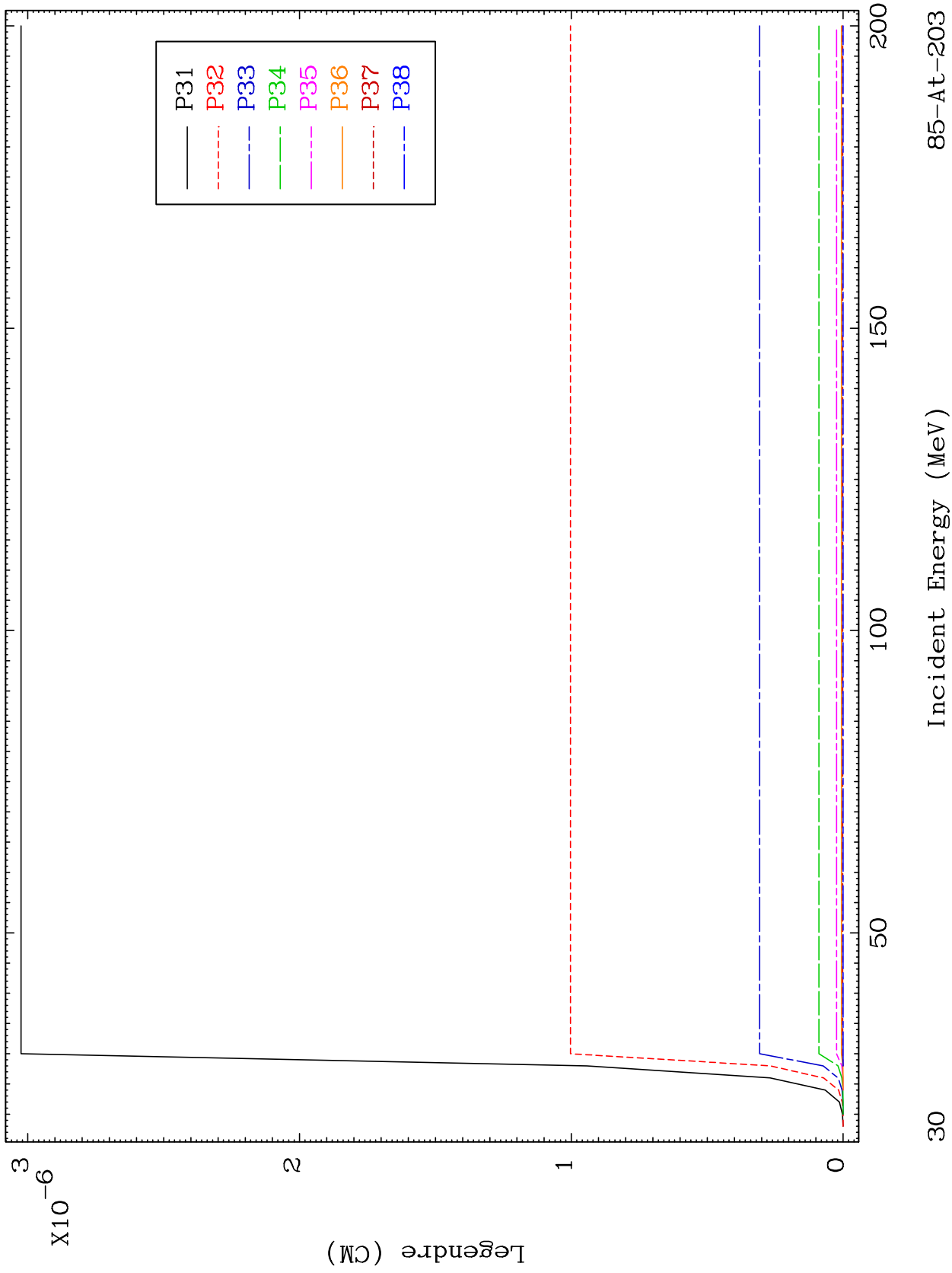
85-At-203



MAT 8525

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

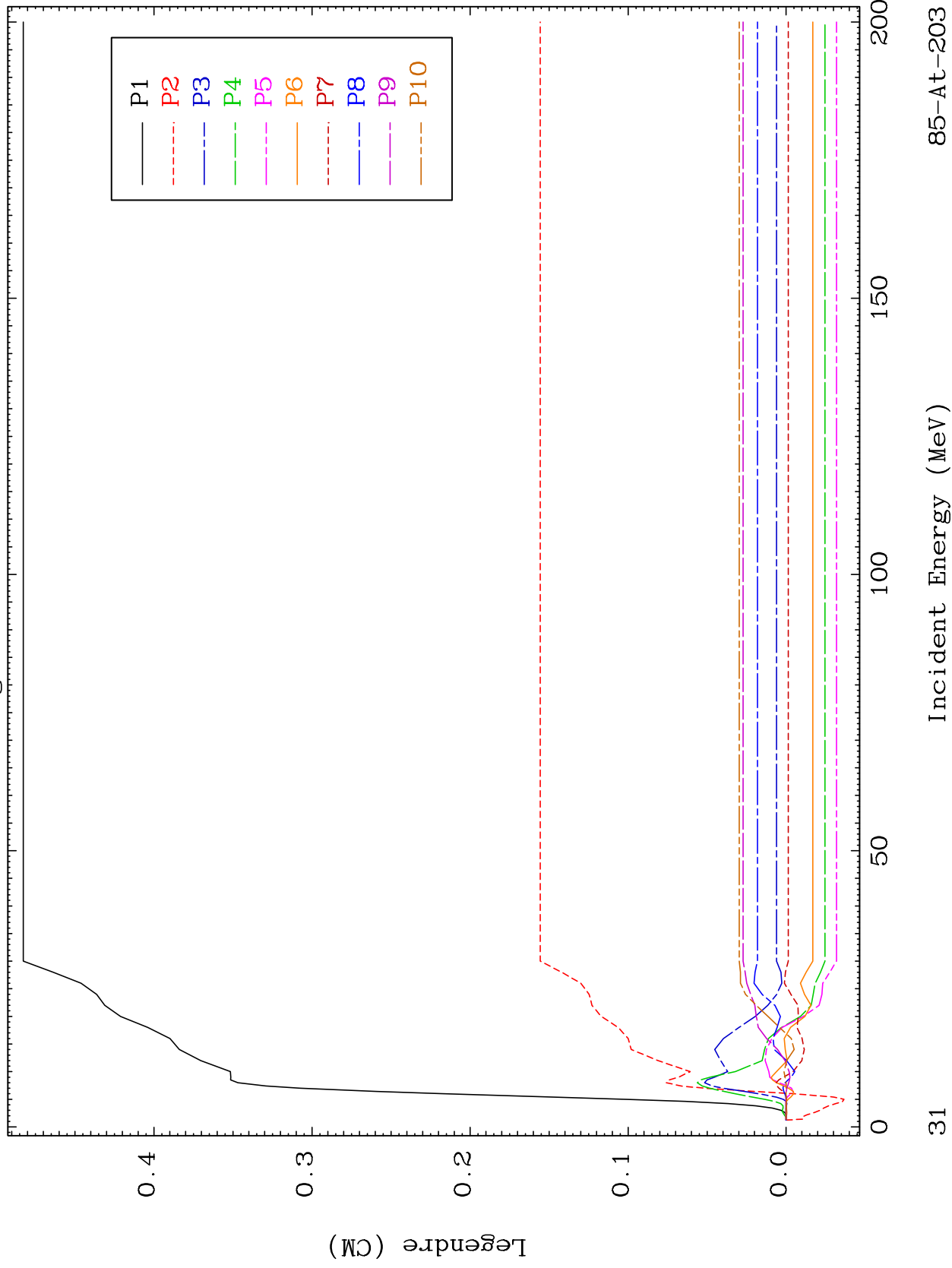
85-At-203



MAT 8525

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

85-At-203



85-At-203

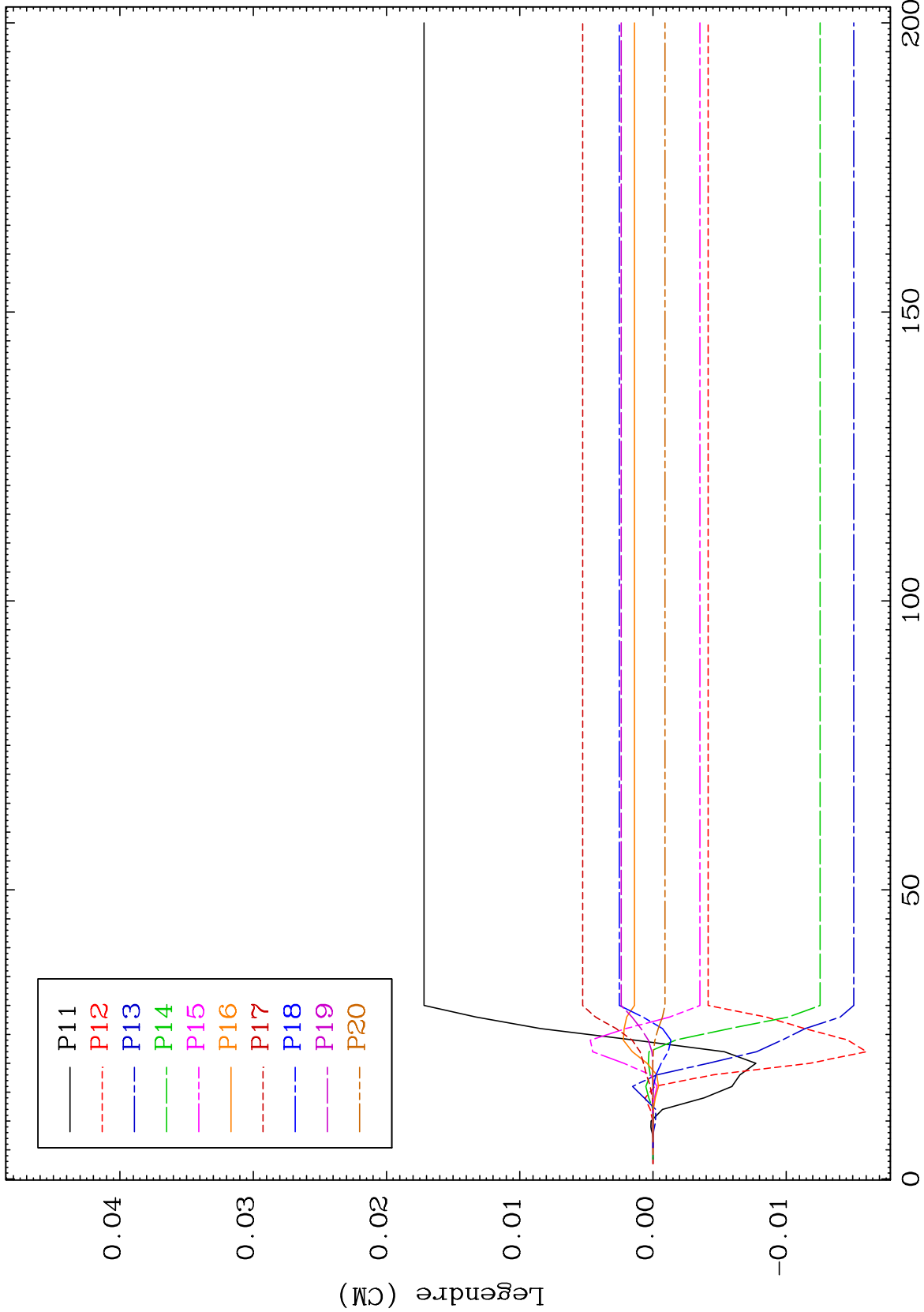
Incident Energy (MeV)

31

MAT 8525

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

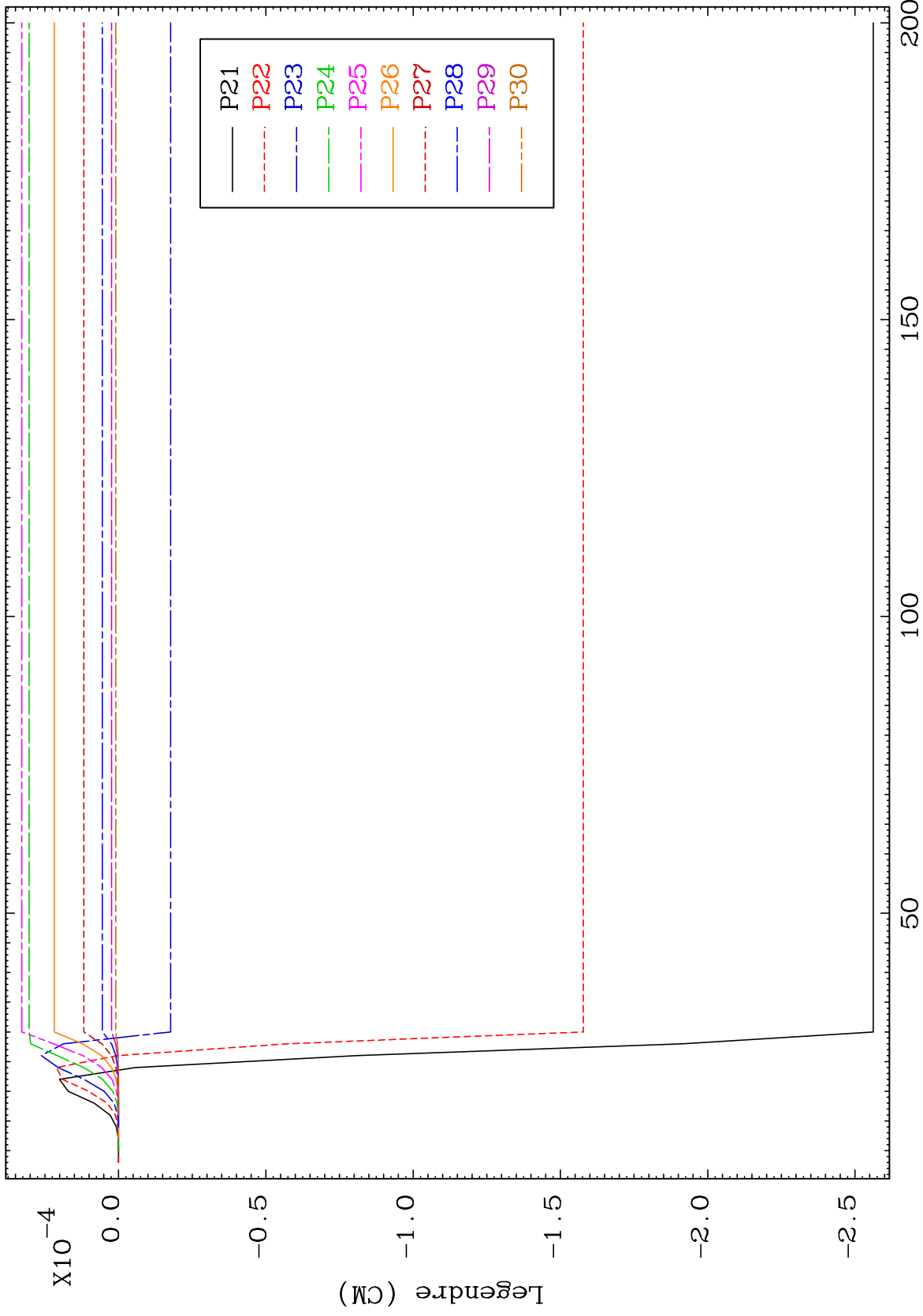
85-At-203



32

Incident Energy (MeV)

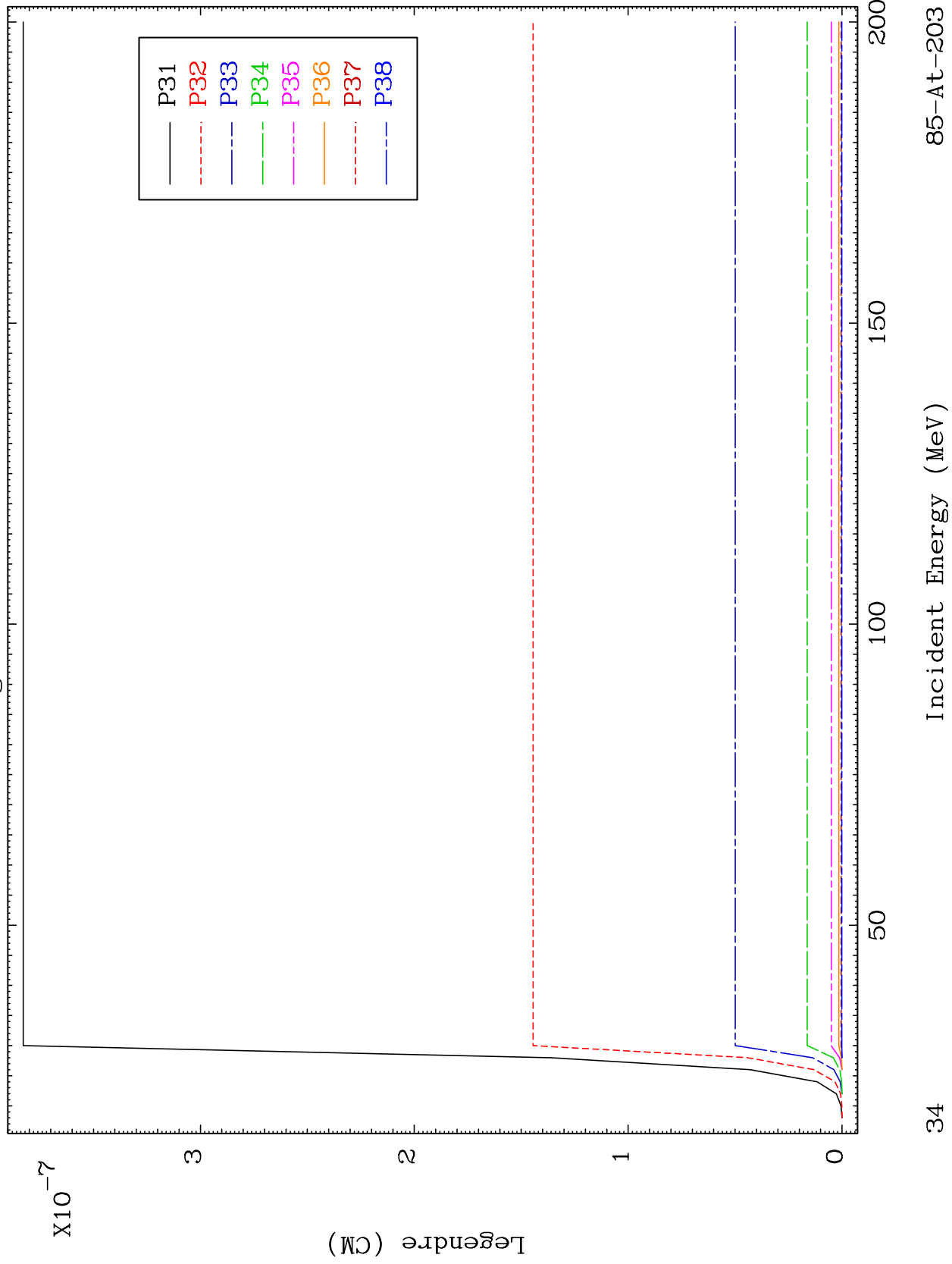
85-At-203



MAT 8525

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

85-At-203



34

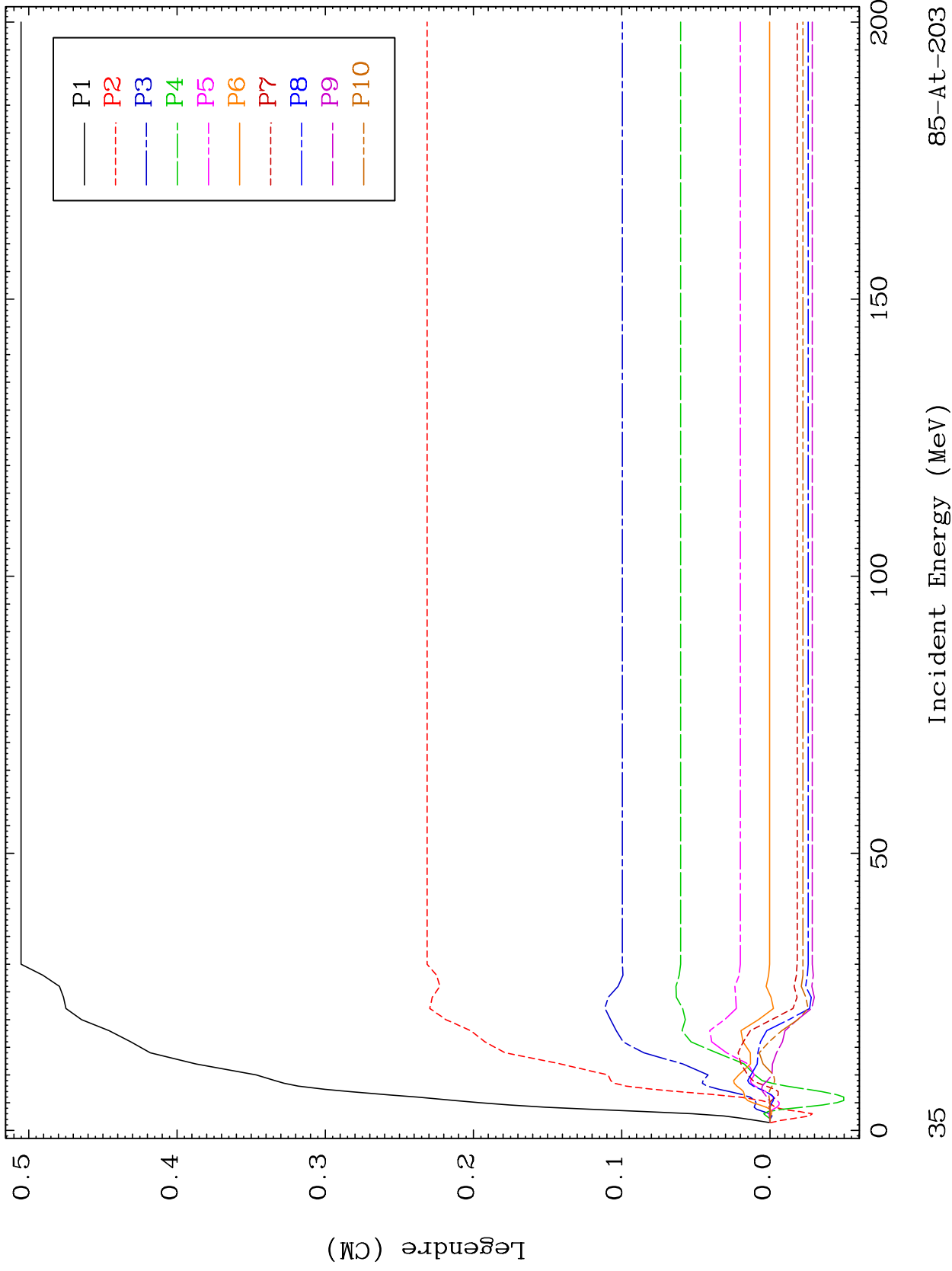
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



85-At-203

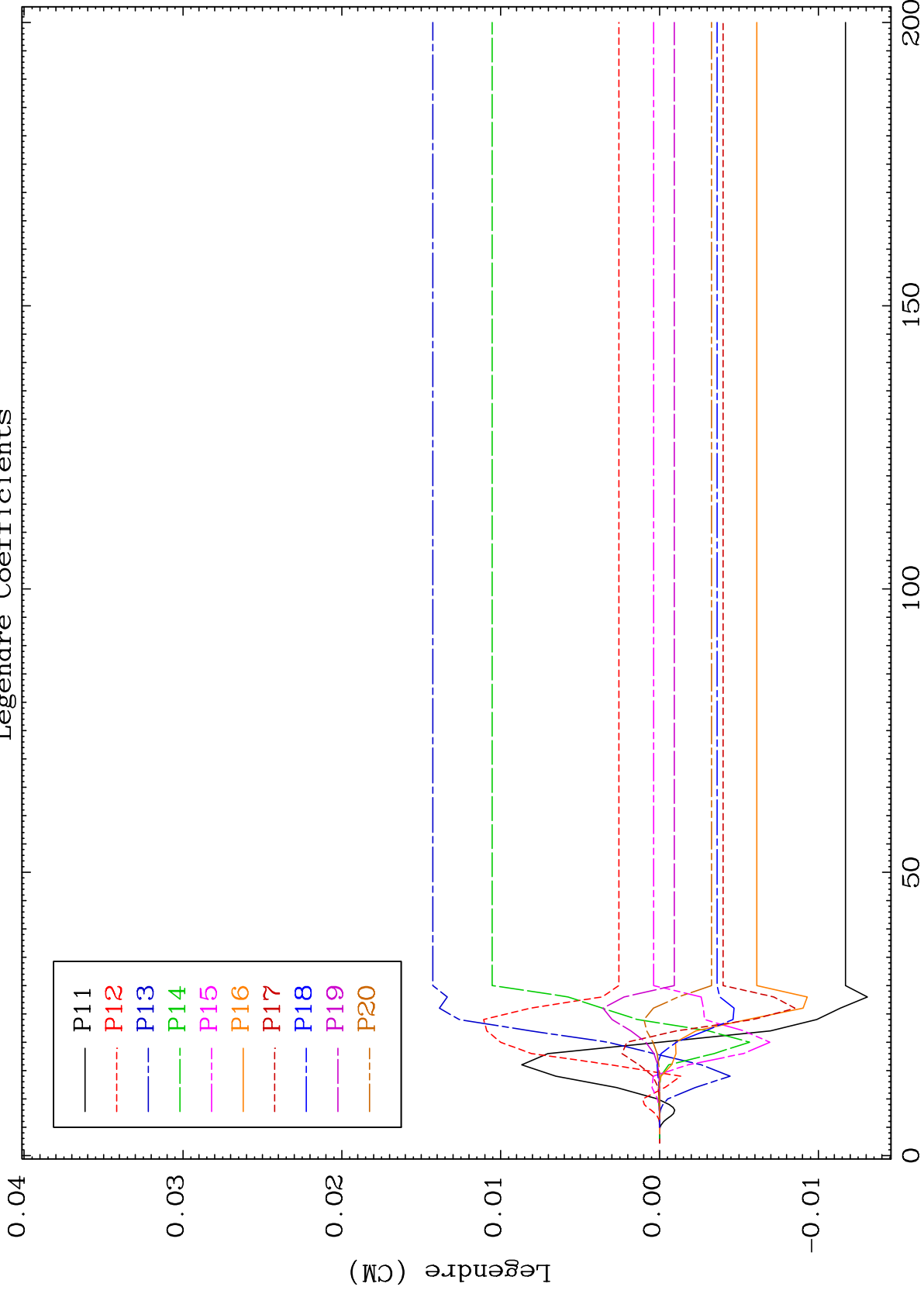
Incident Energy (MeV)

35

MAT 8525

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

85-At-203



36

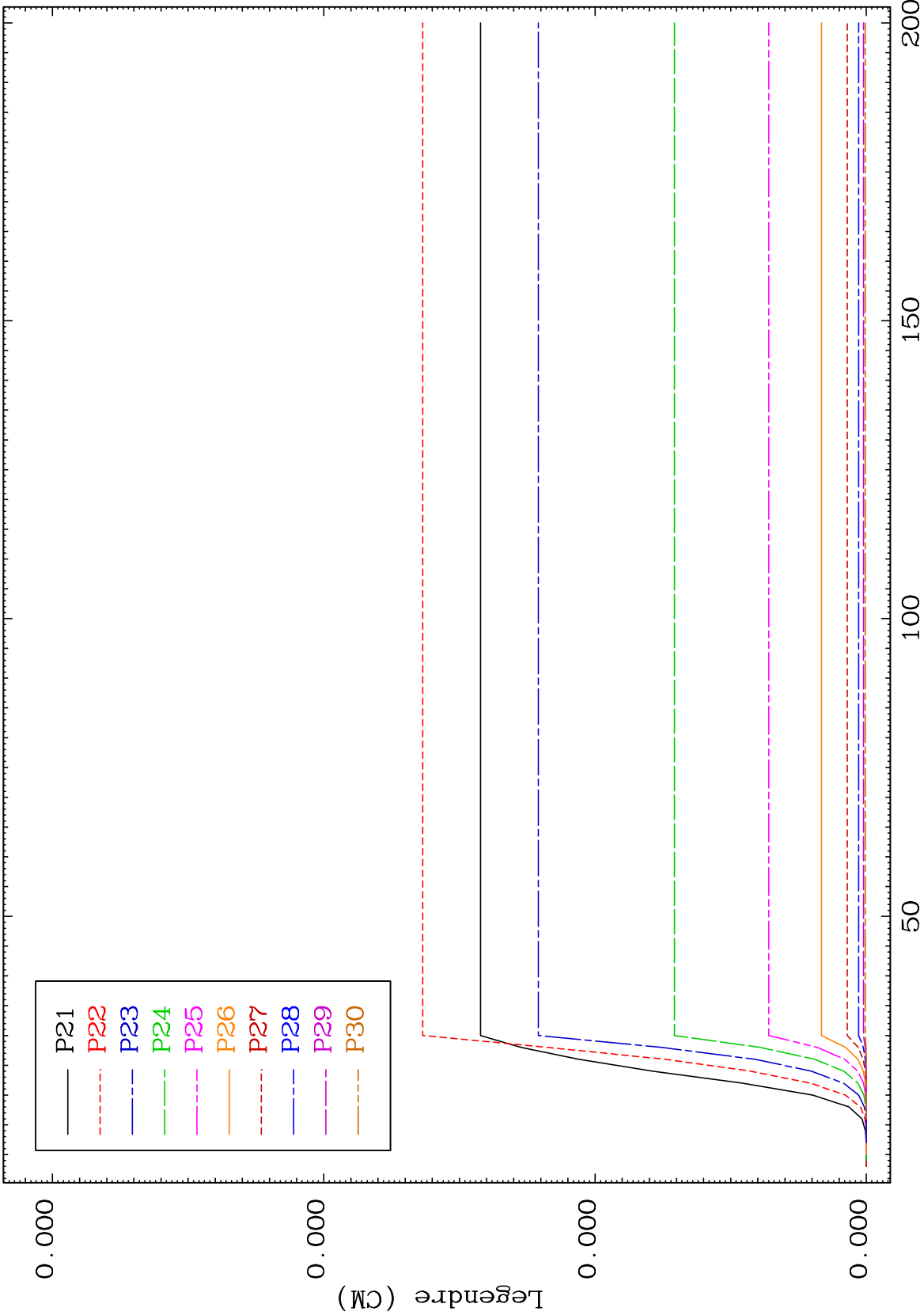
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



37

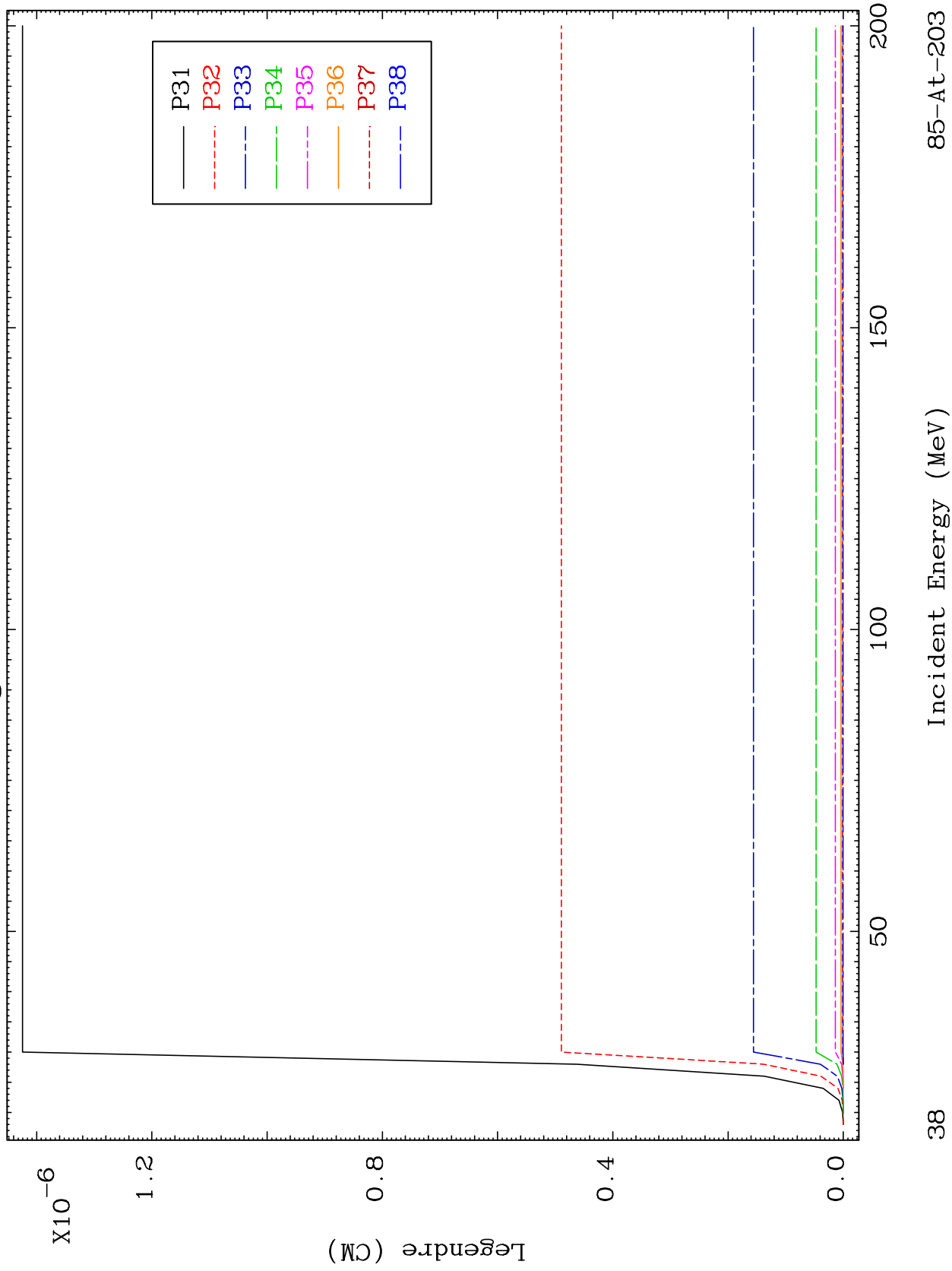
Incident Energy (MeV)

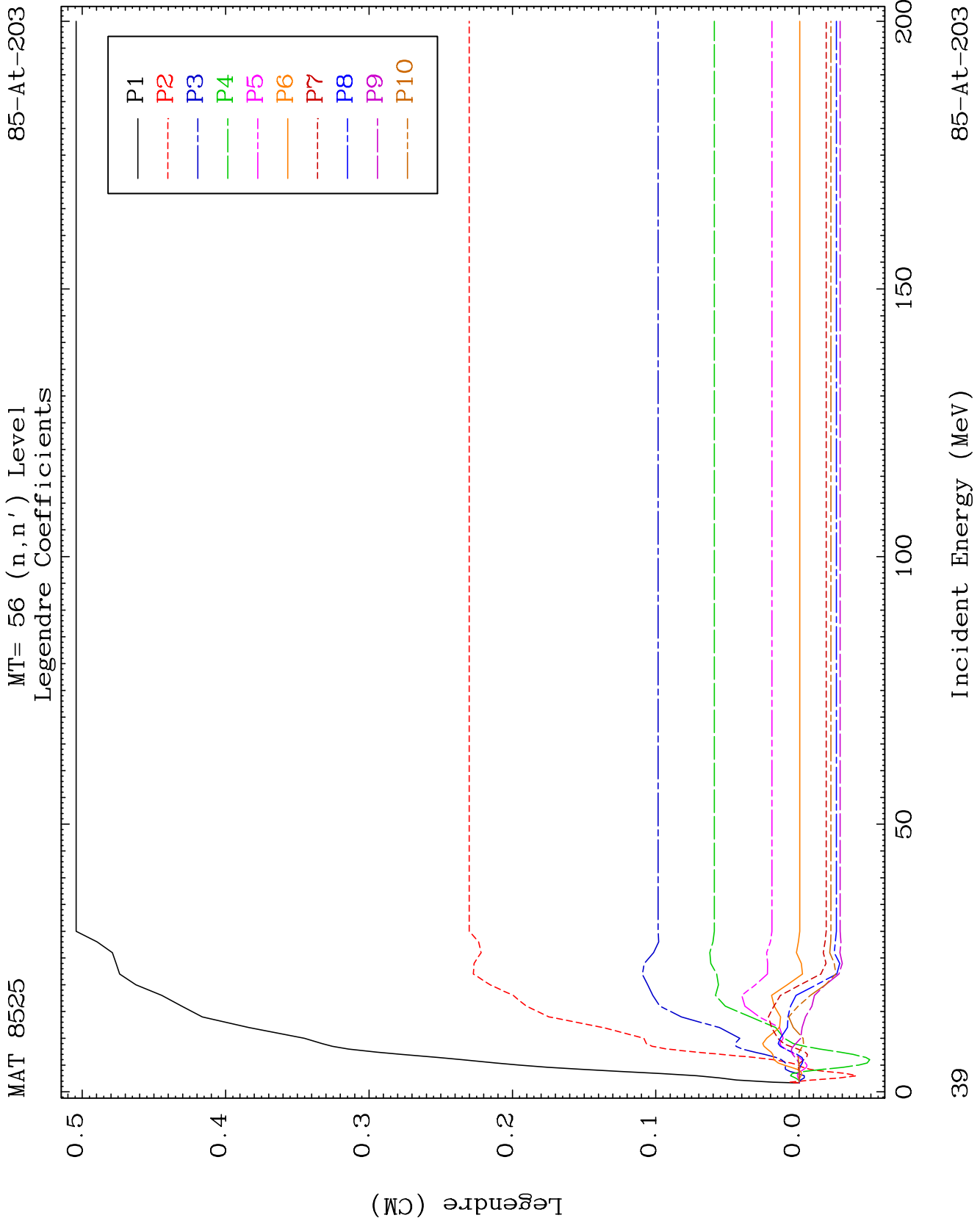
85-At-203

MAT 8525

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

85-At-203

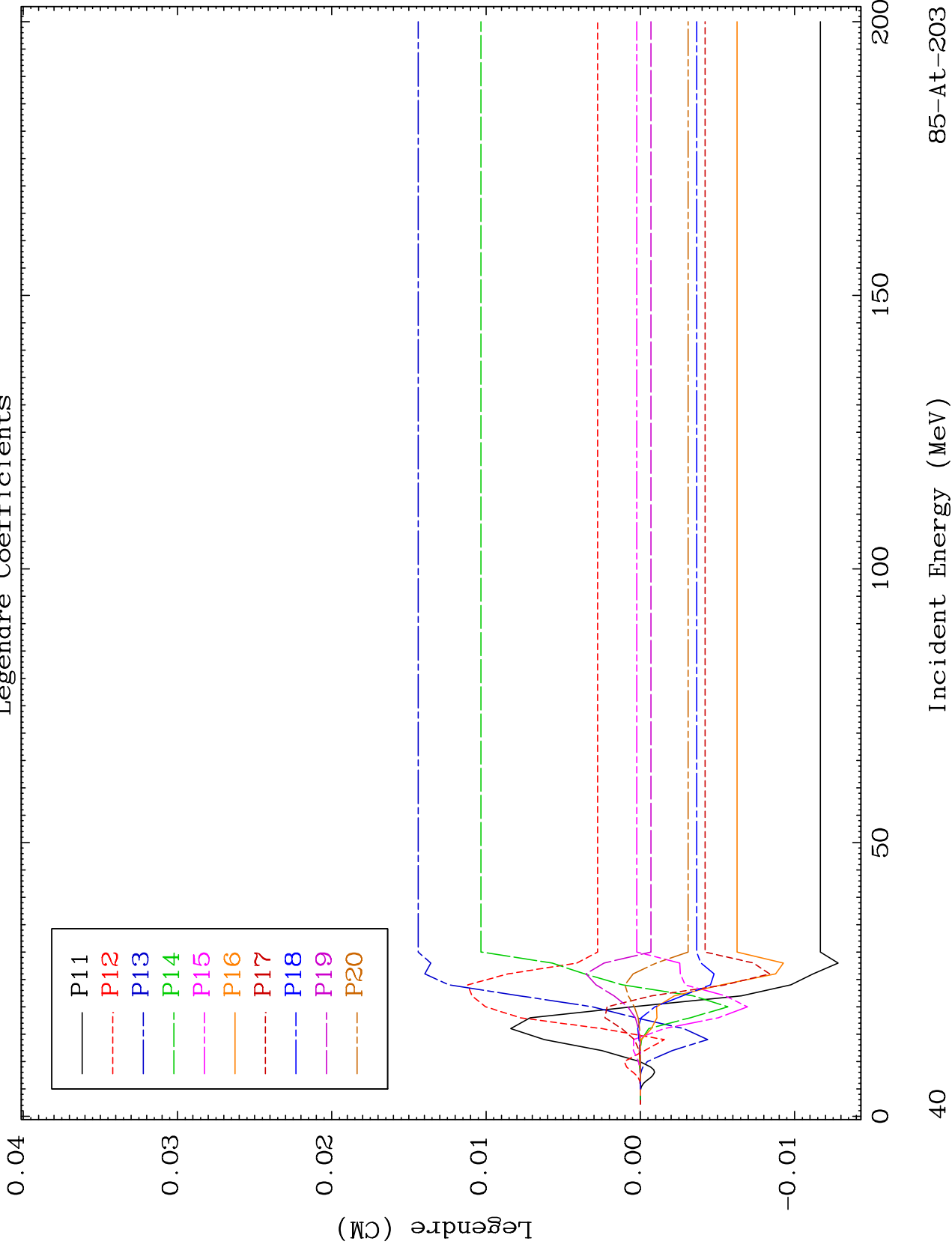




MAT 8525

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

85-At-203



85-At-203

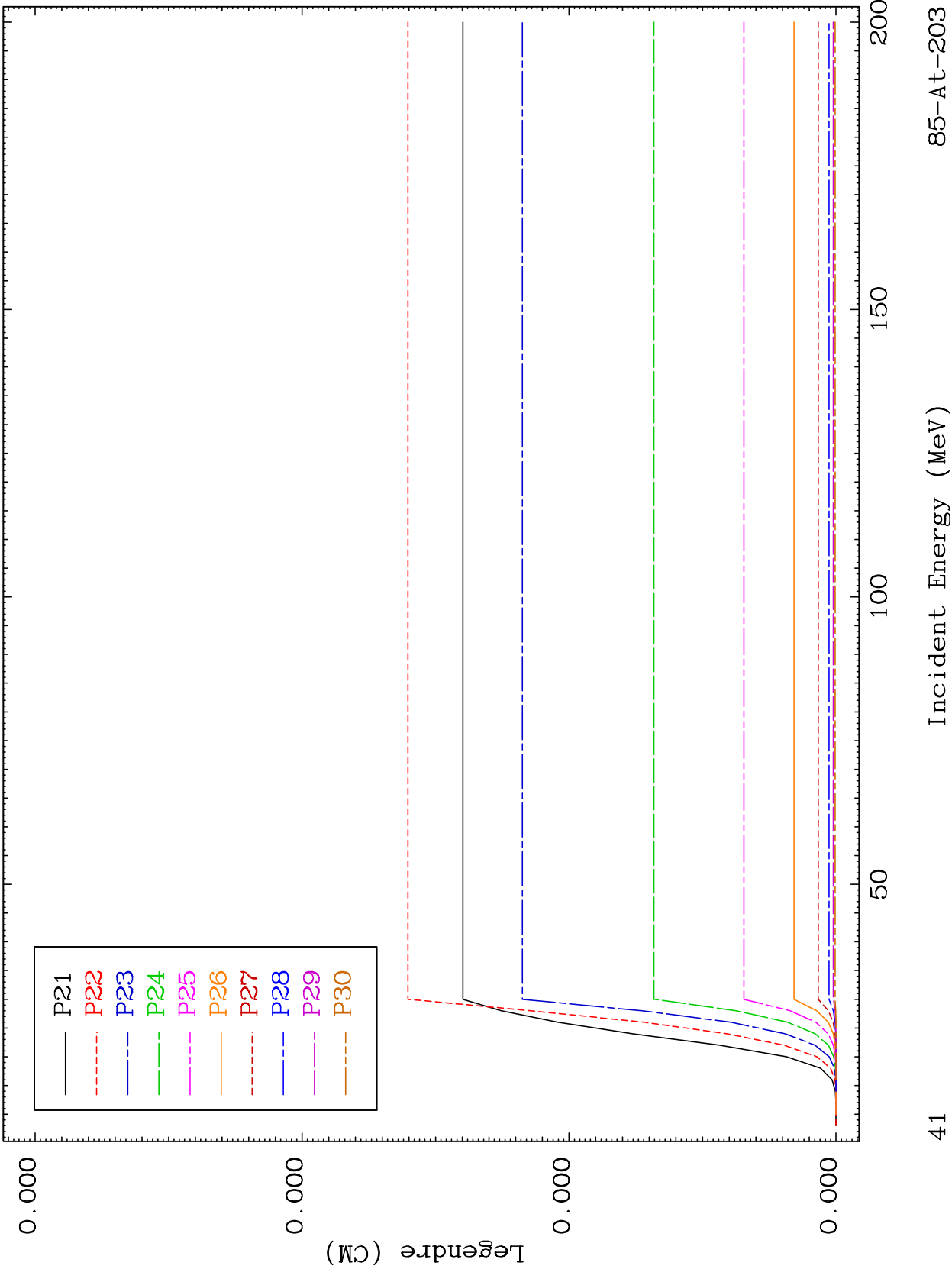
Incident Energy (MeV)

40

MAT 8525

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

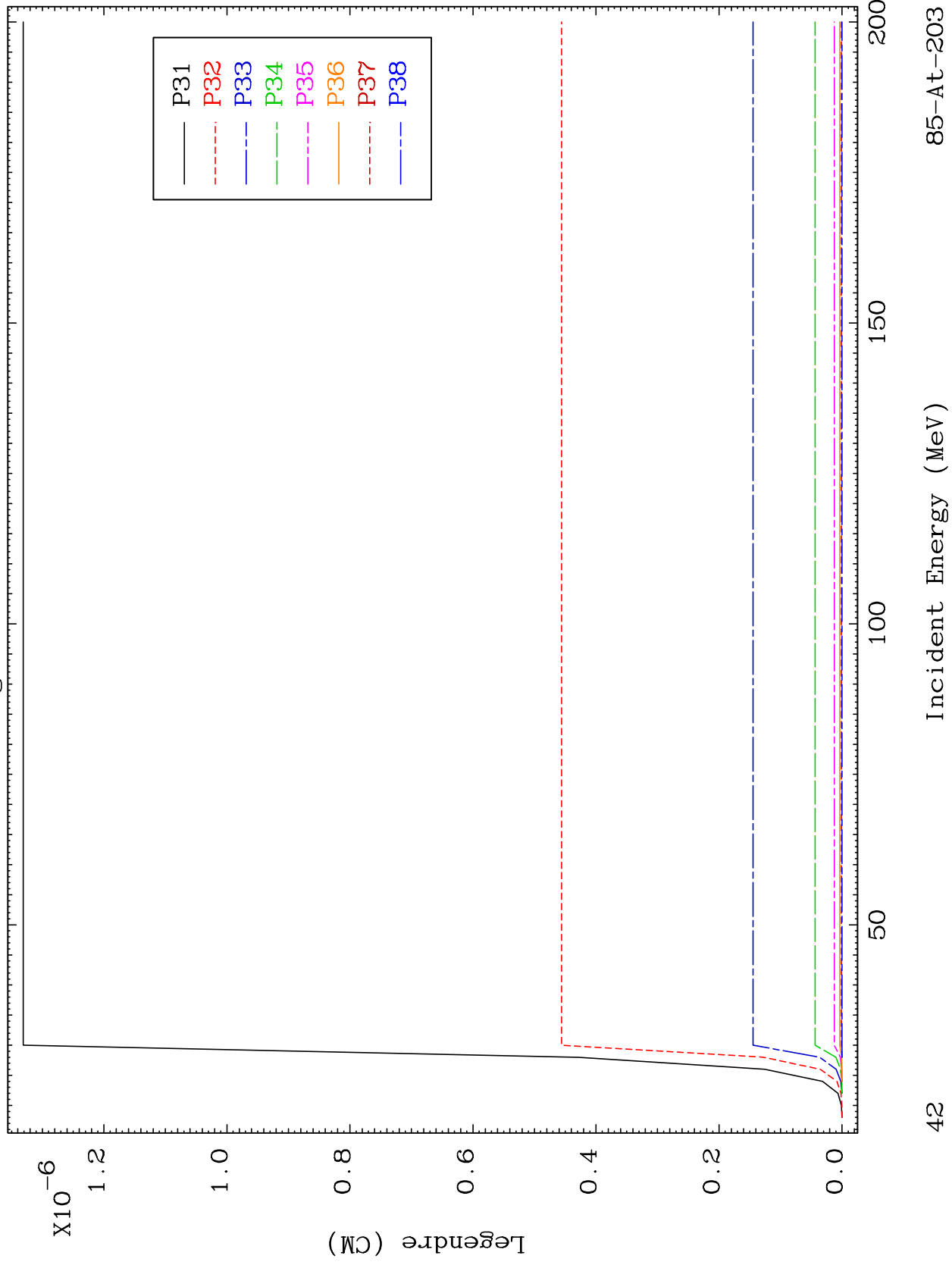
85-At-203



MAT 8525

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

85-At-203



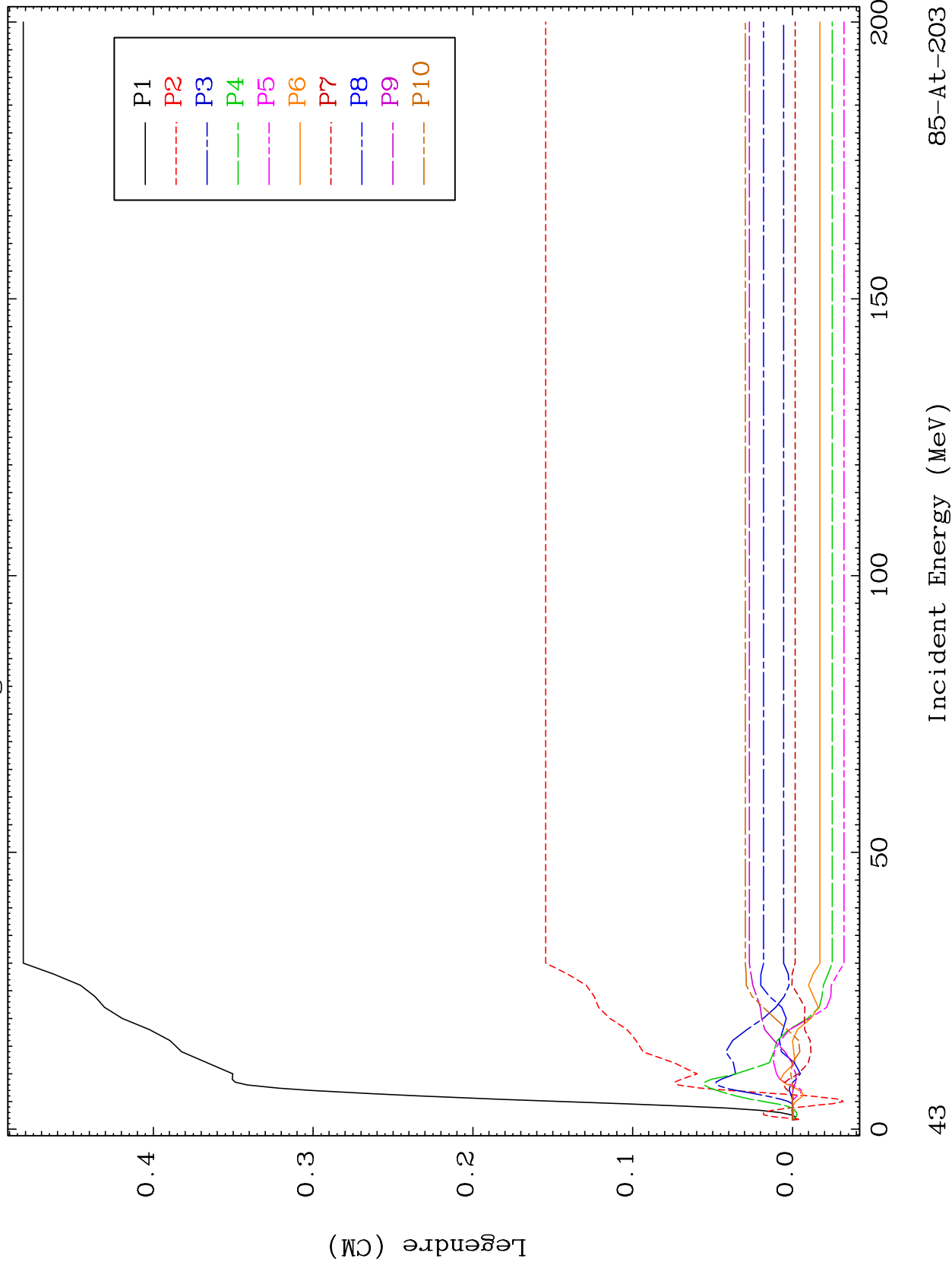
42

85-At-203

MAT 8525

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

85-At-203



85-At-203

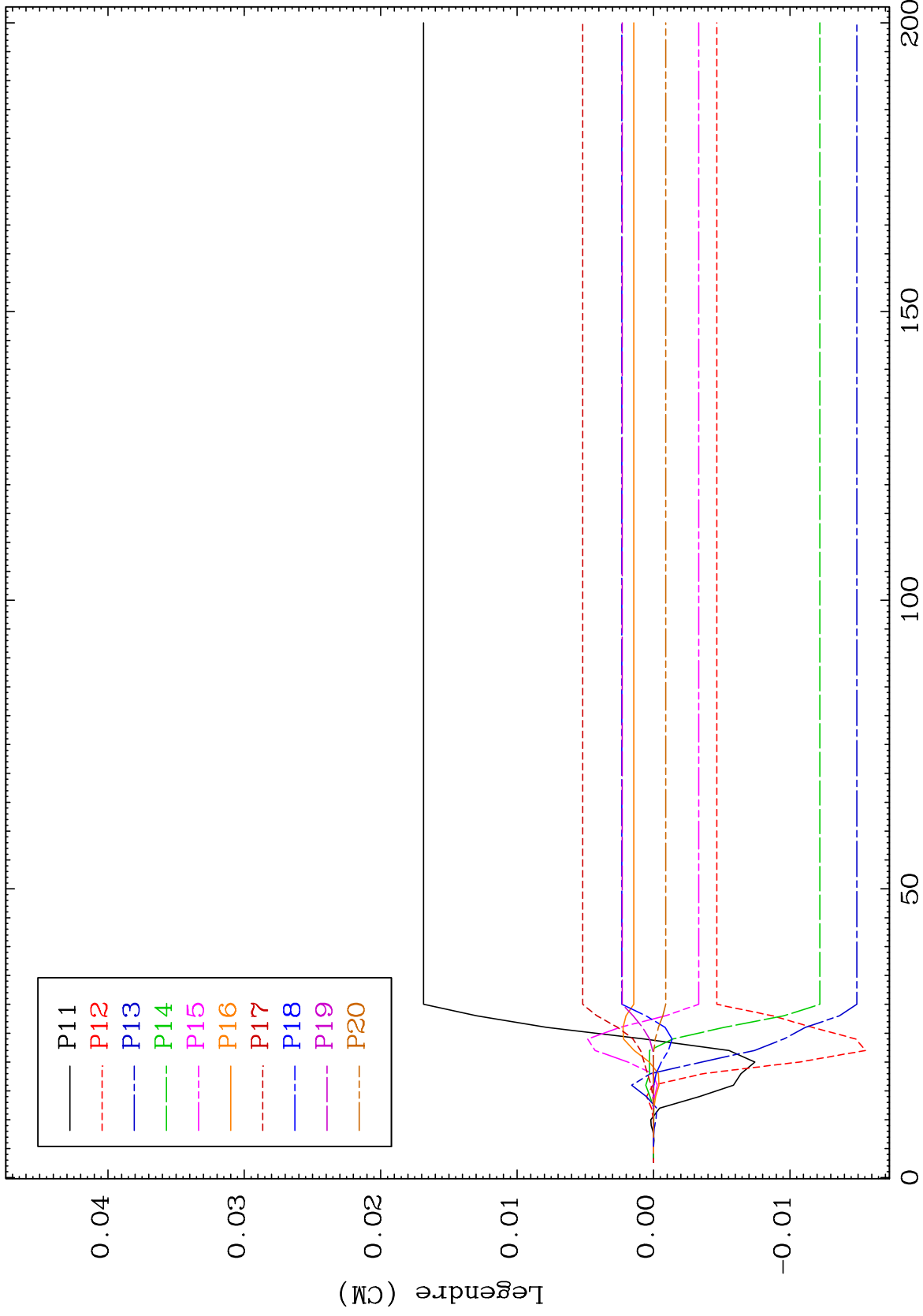
Incident Energy (MeV)

43

MAT 8525

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

85-At-203



44

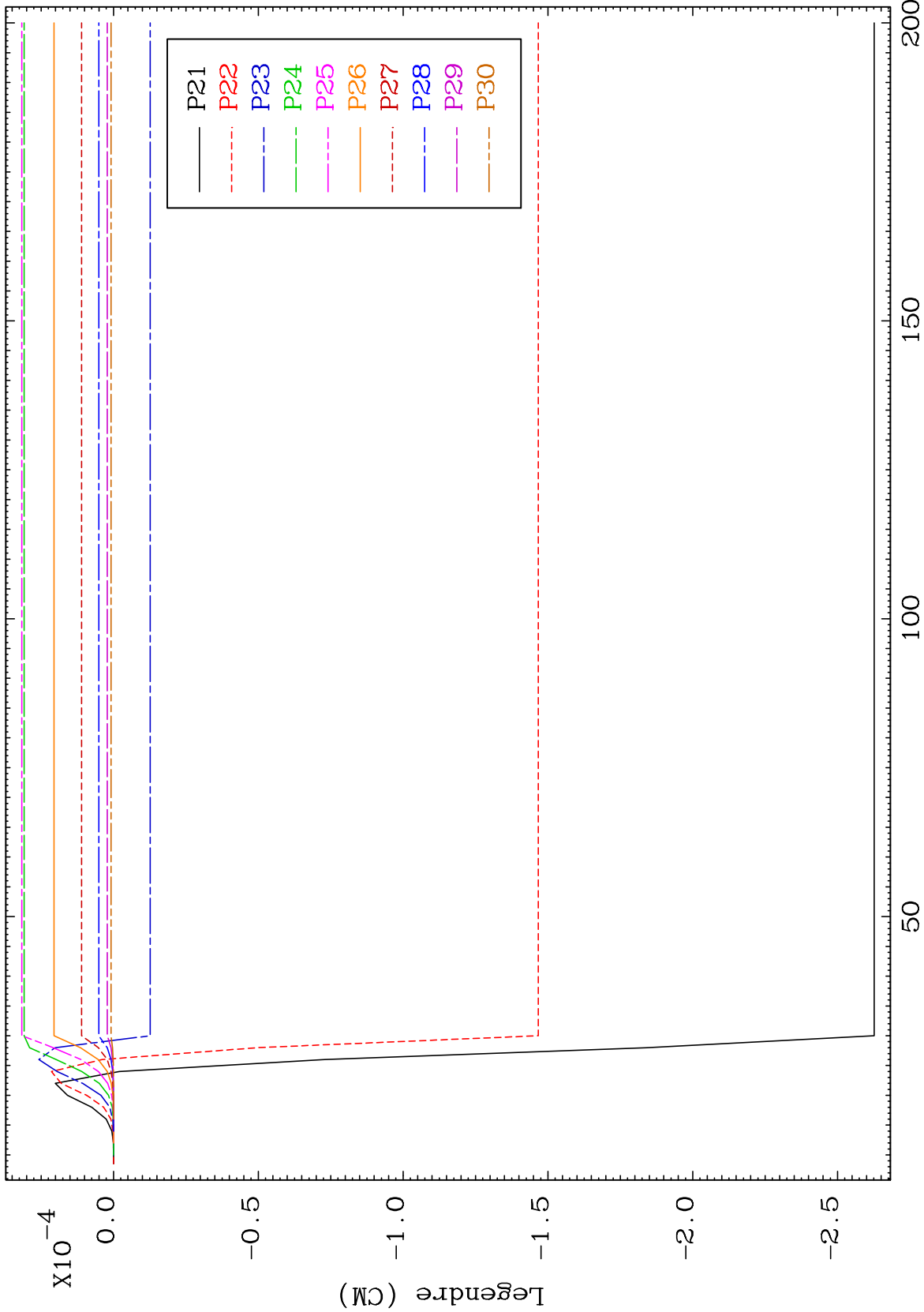
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



45

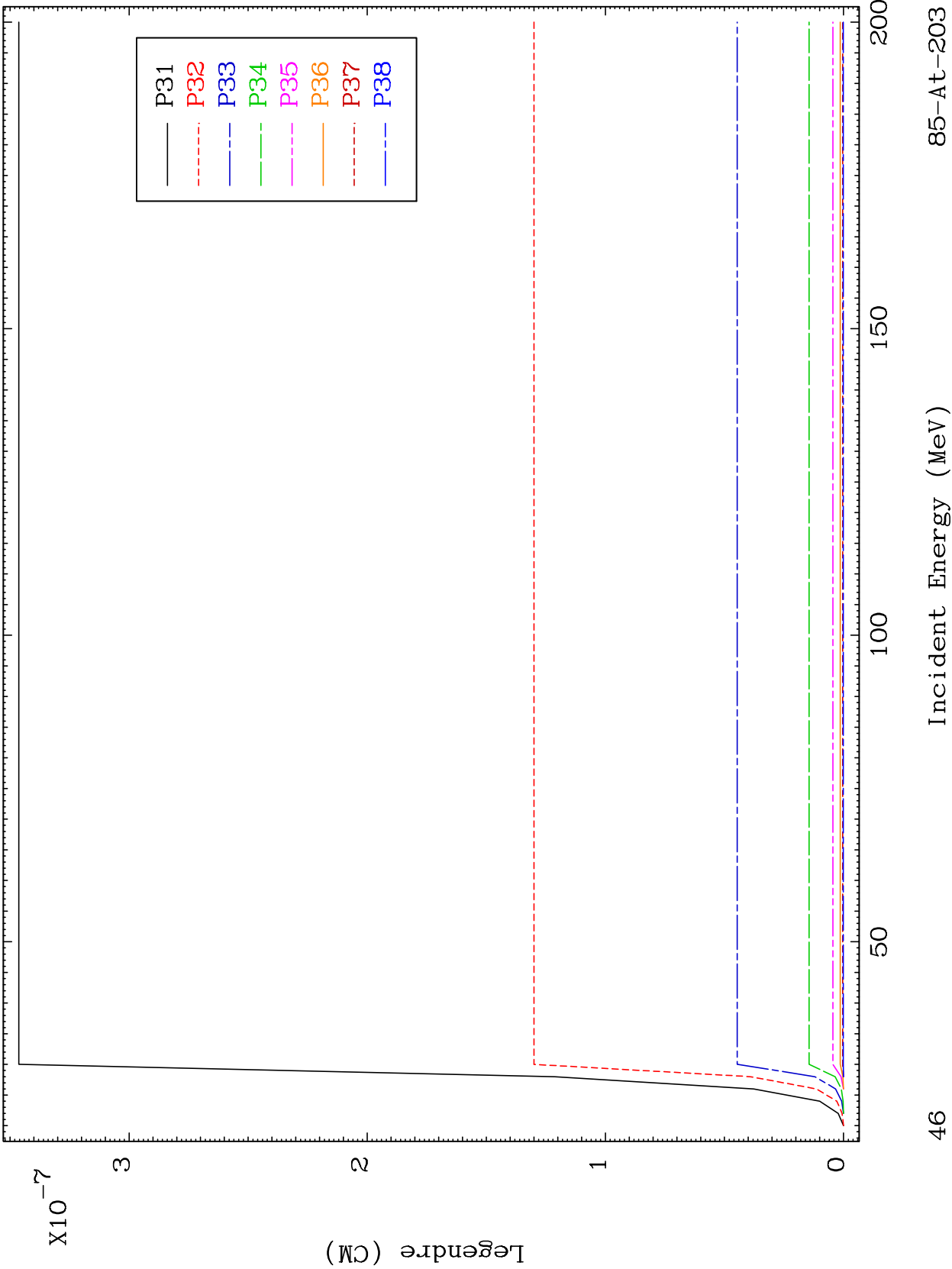
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



46

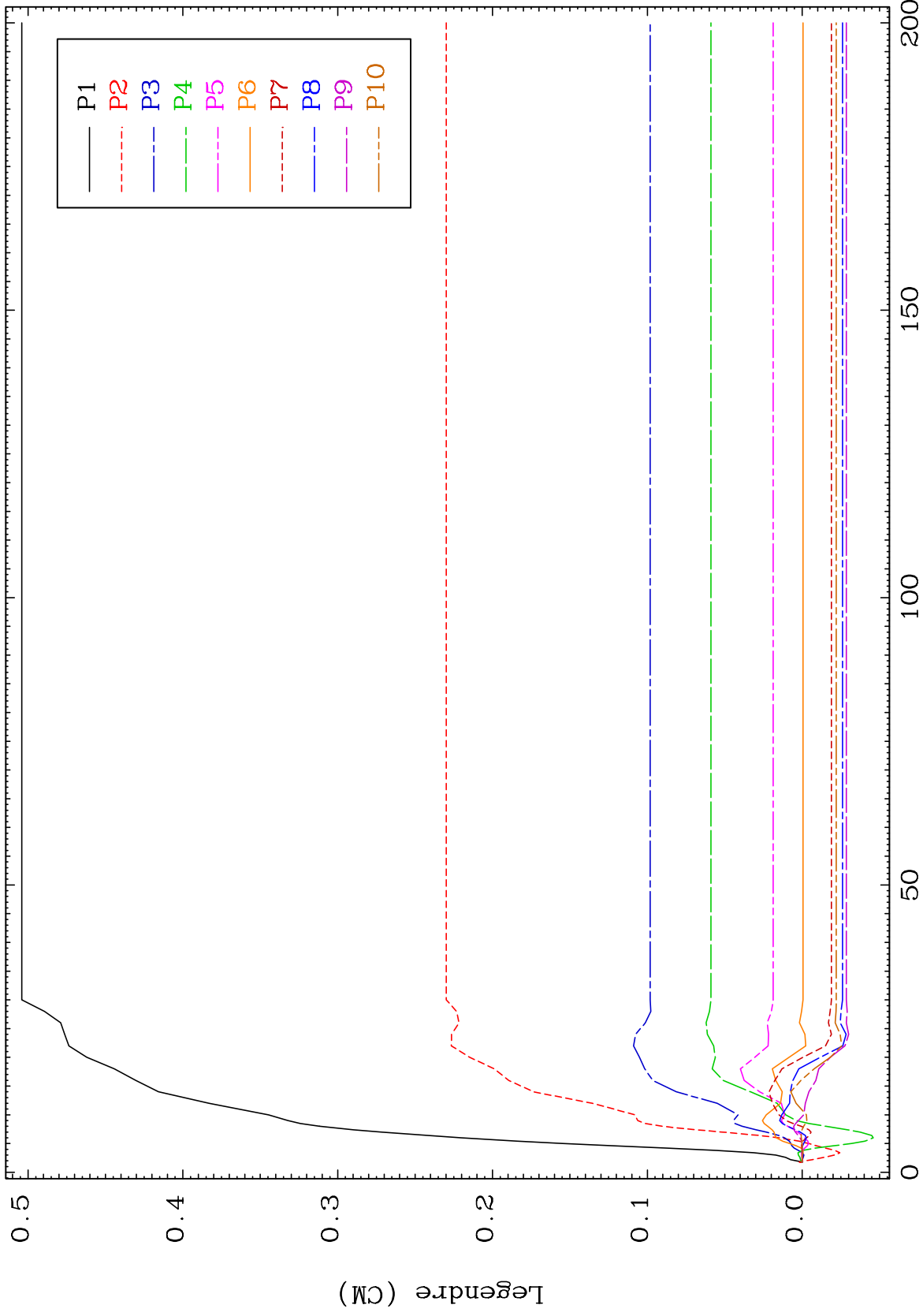
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



47

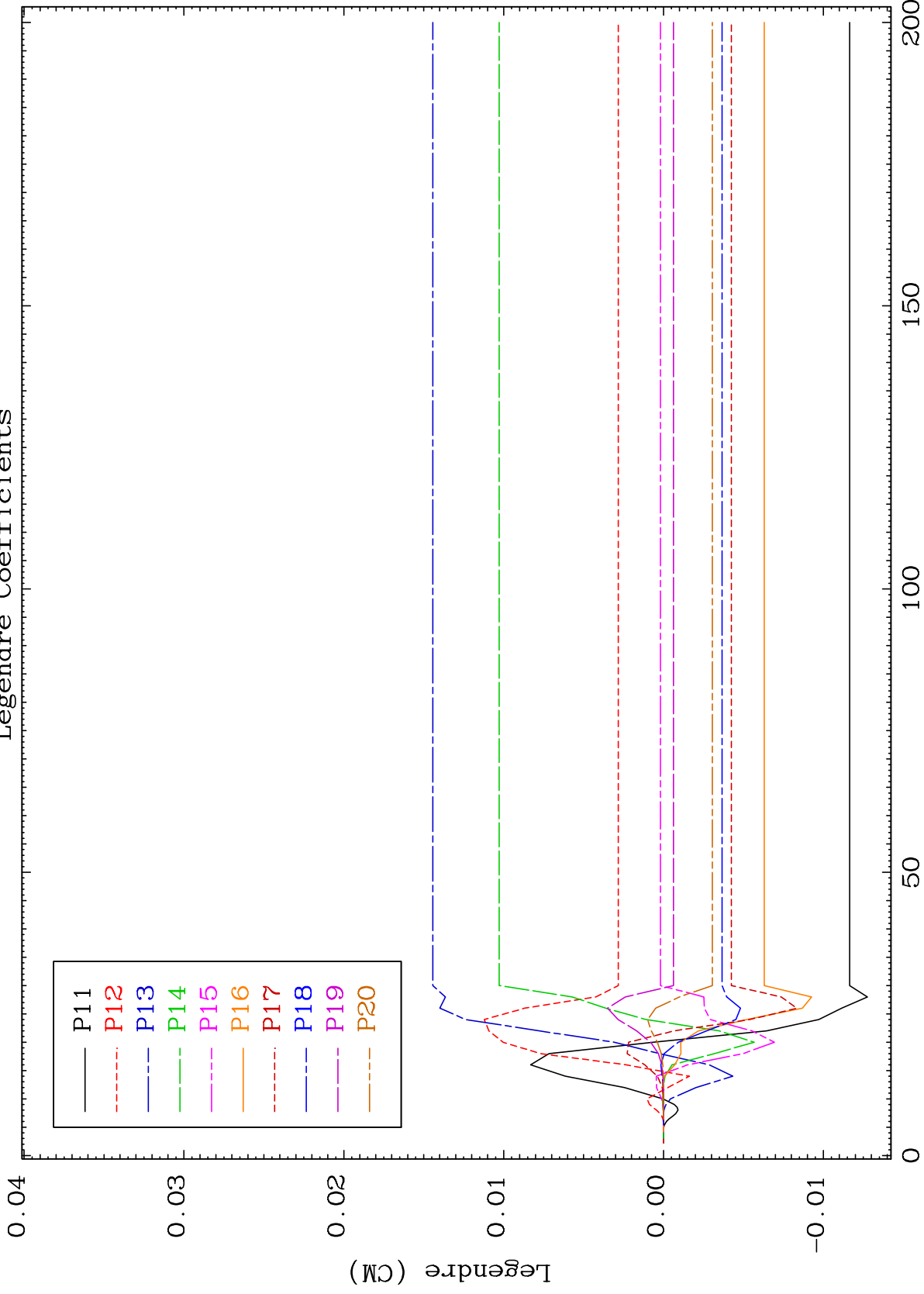
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



48

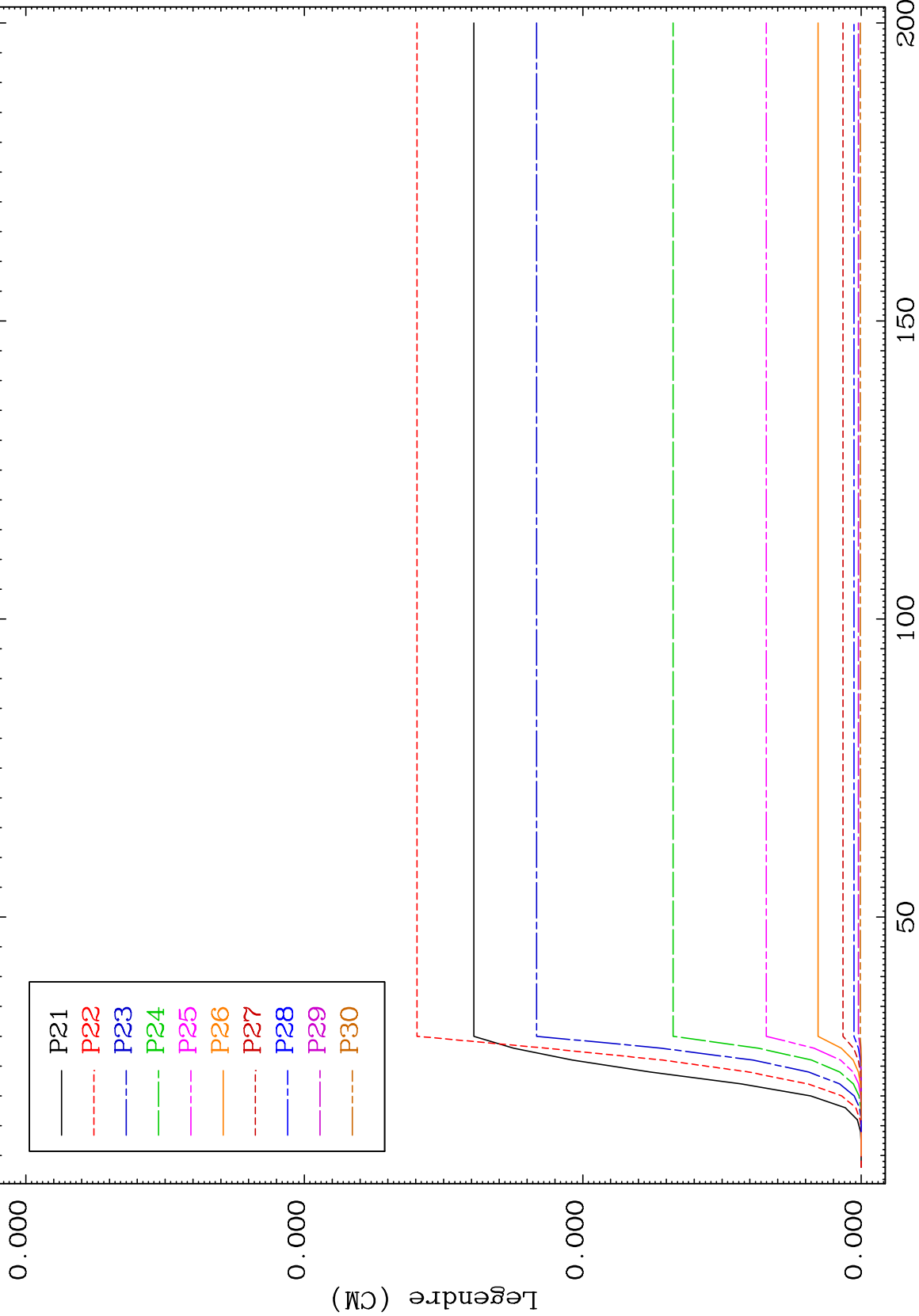
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



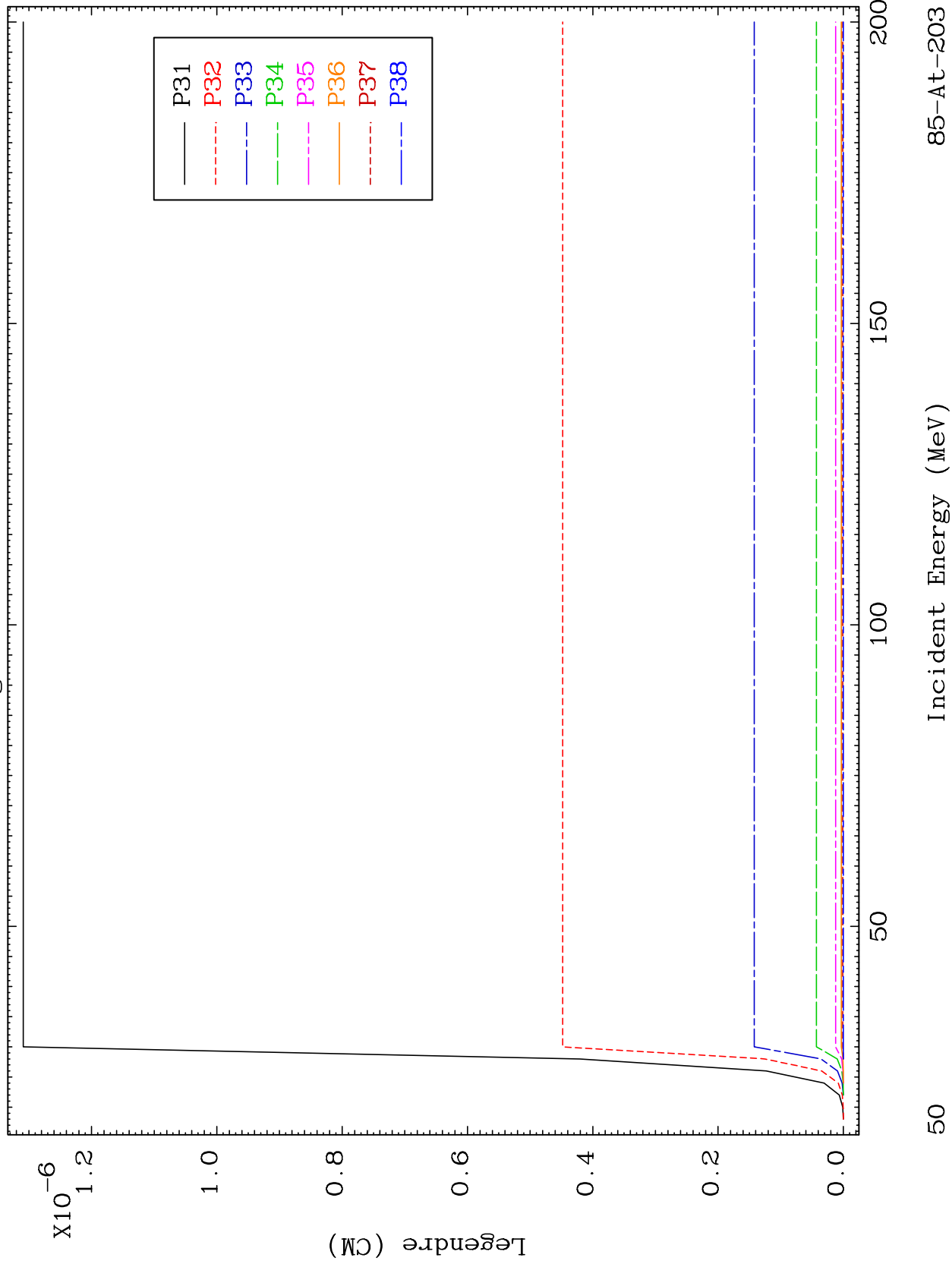
49

85-At-203

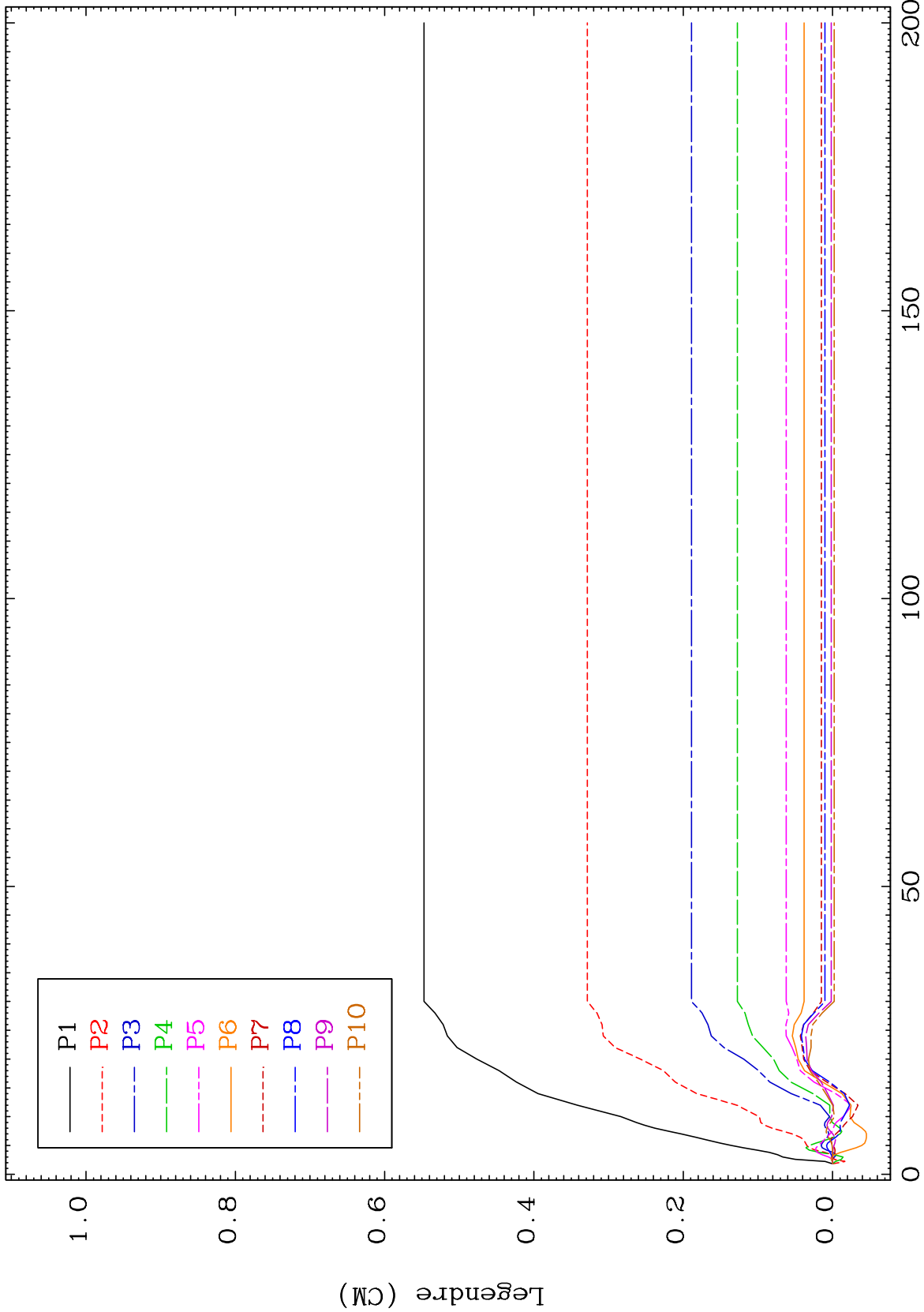
MAT 8525

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

85-At-203



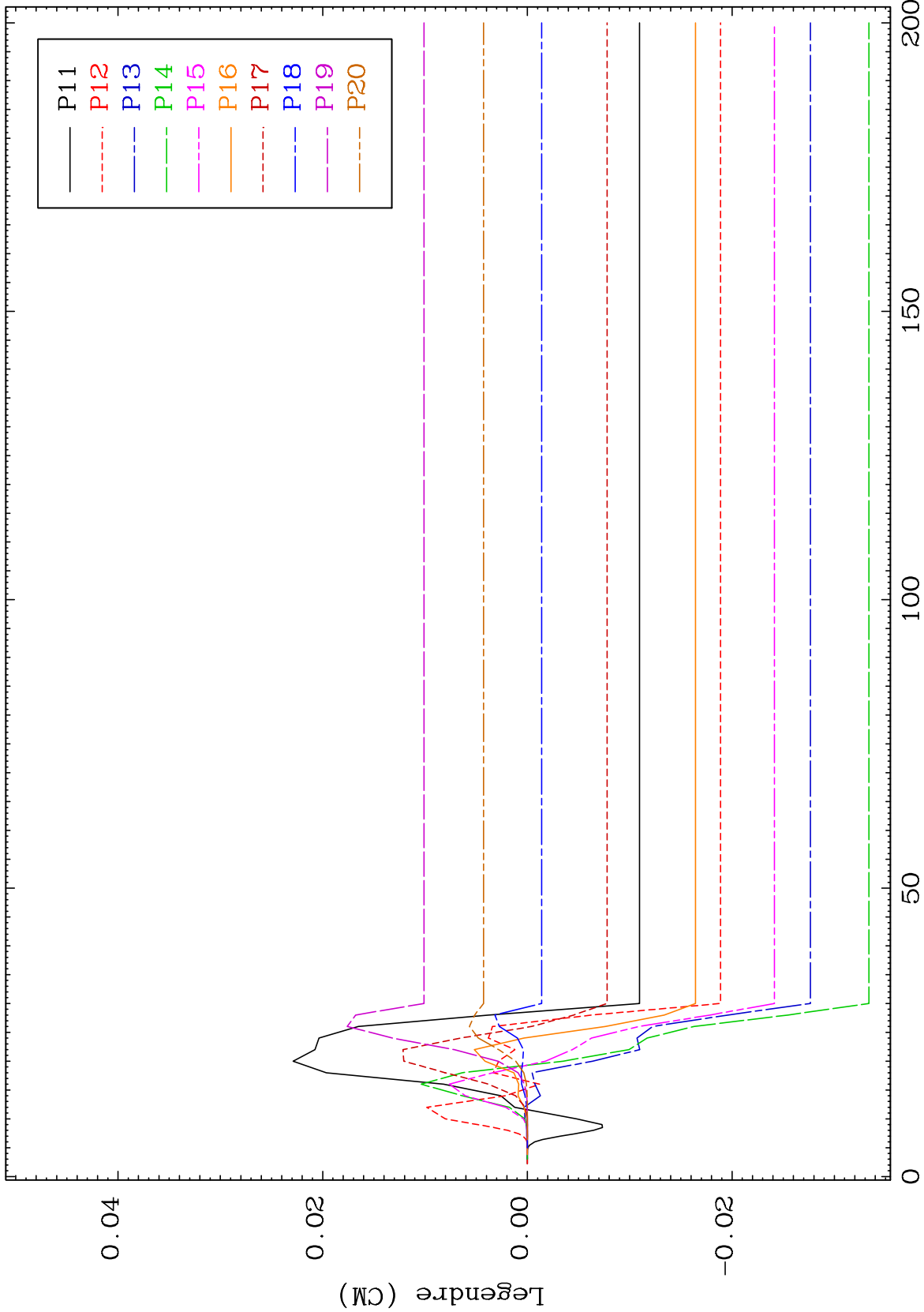
85-At-203



MAT 8525

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

85-At-203



52

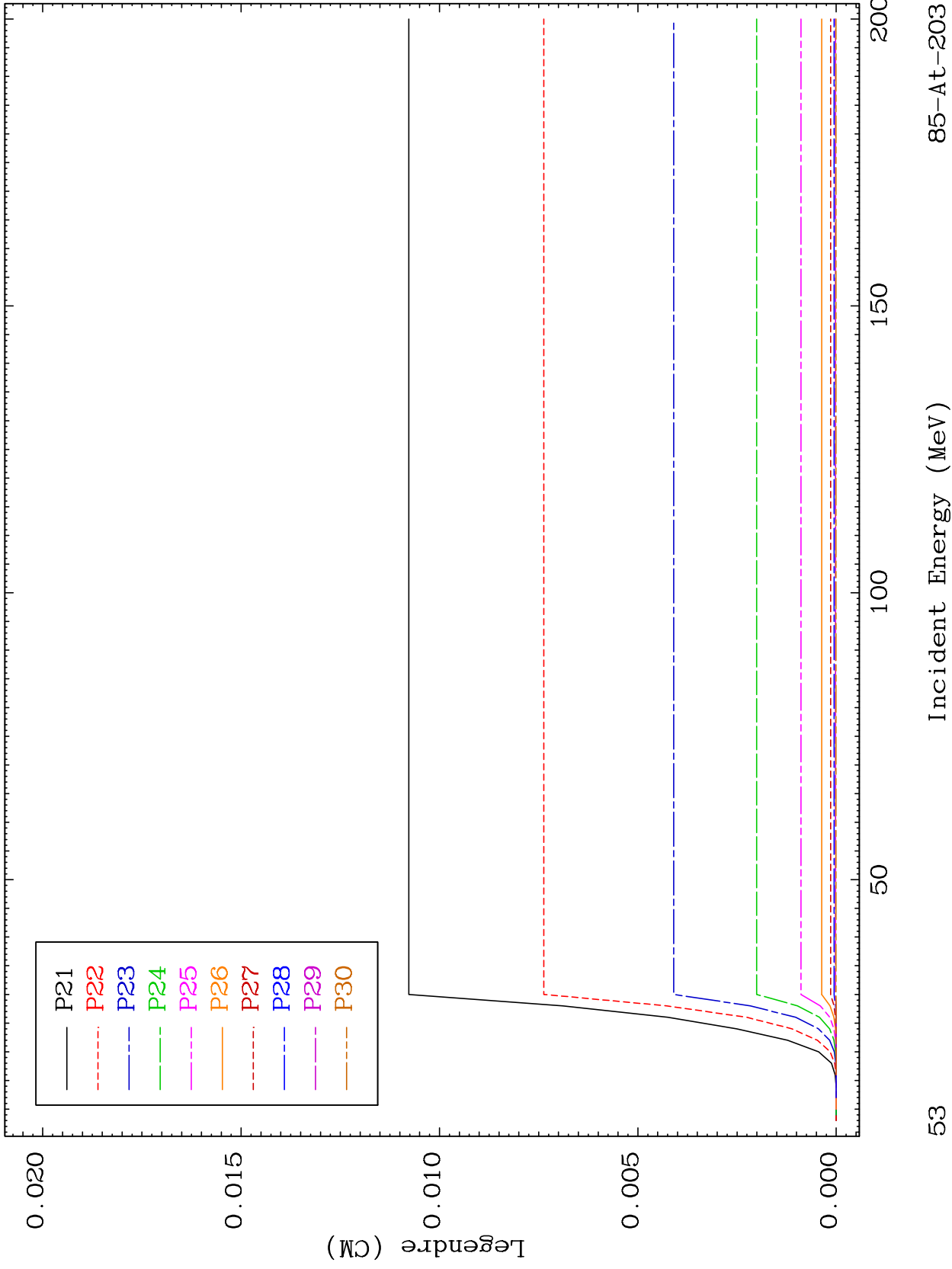
Incident Energy (MeV)

85-At-203

MAT 8525

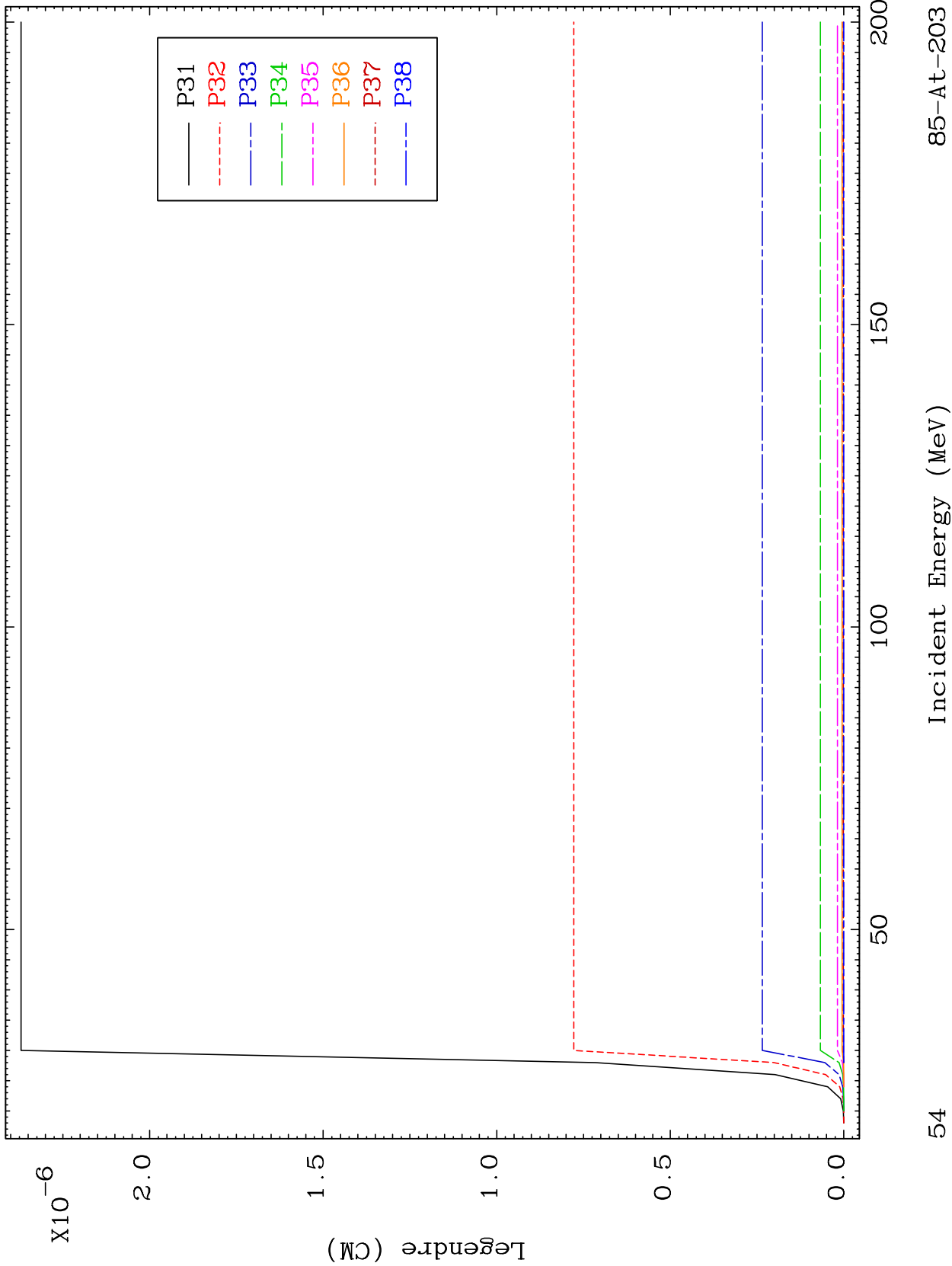
MT= 59 (n,n') Level
Legendre Coefficients

85-At-203



53

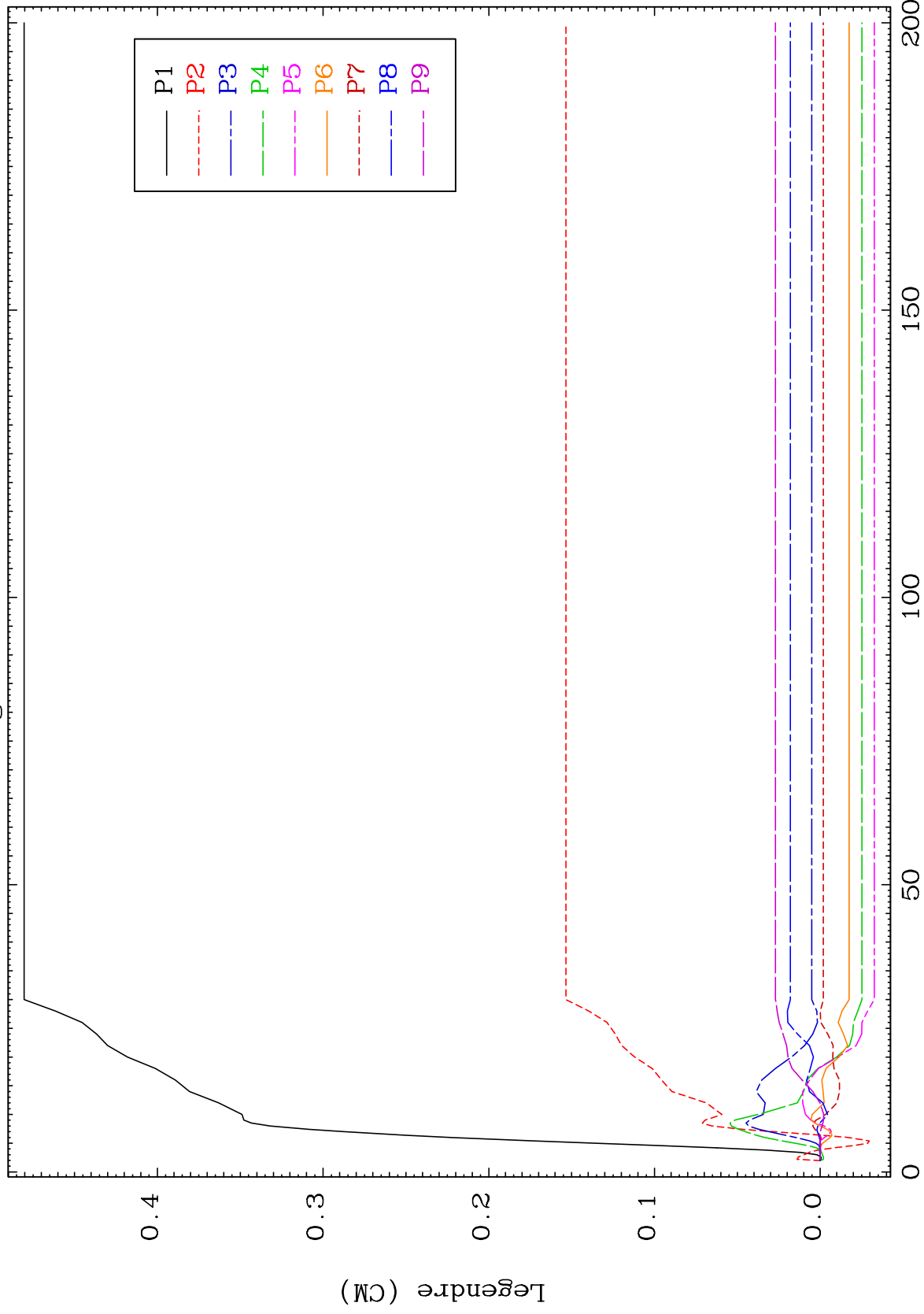
85-At-203



MAT 8525

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

85-At-203



85-At-203

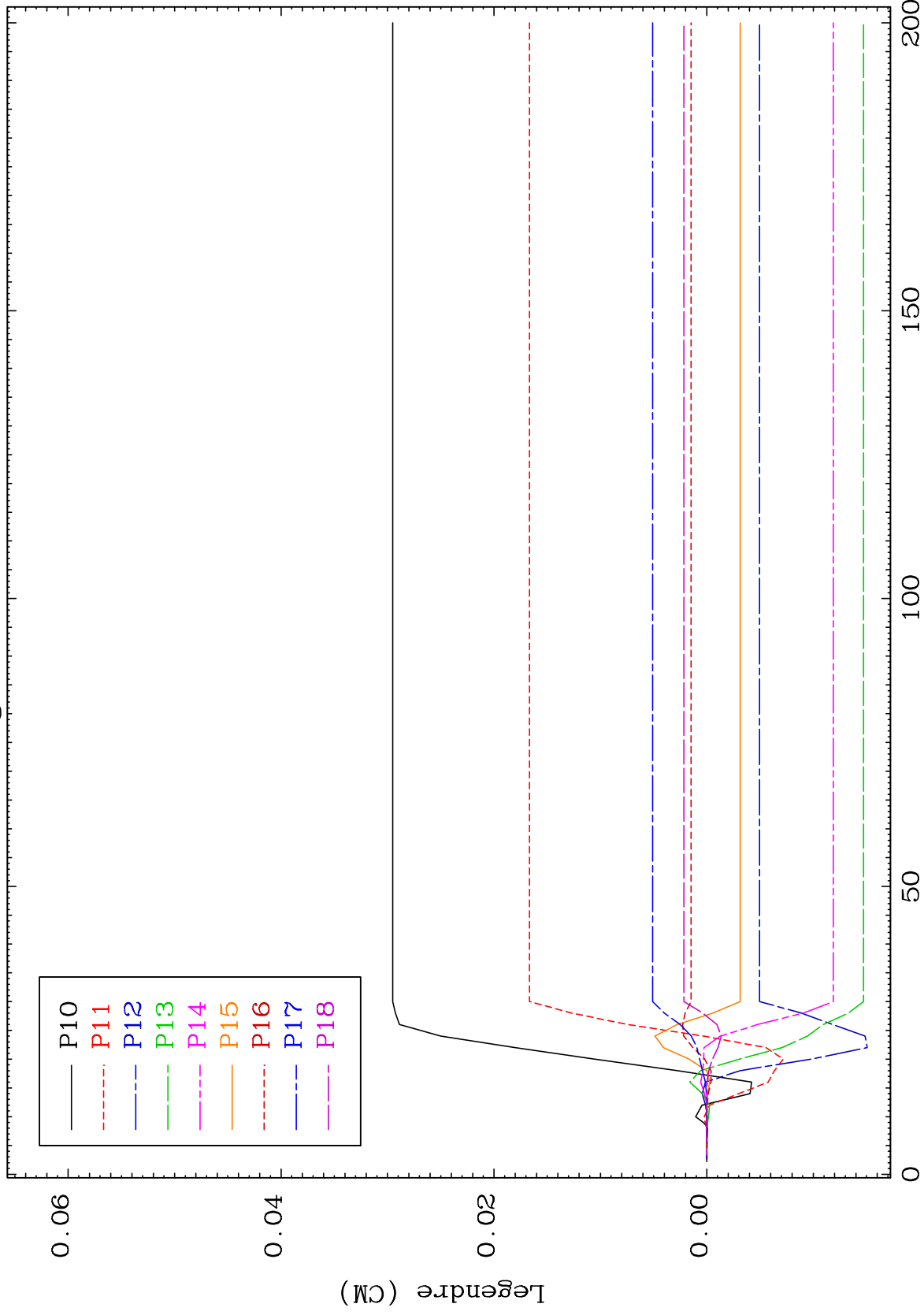
Incident Energy (MeV)

55

MAT 8525

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

85-At-203



56

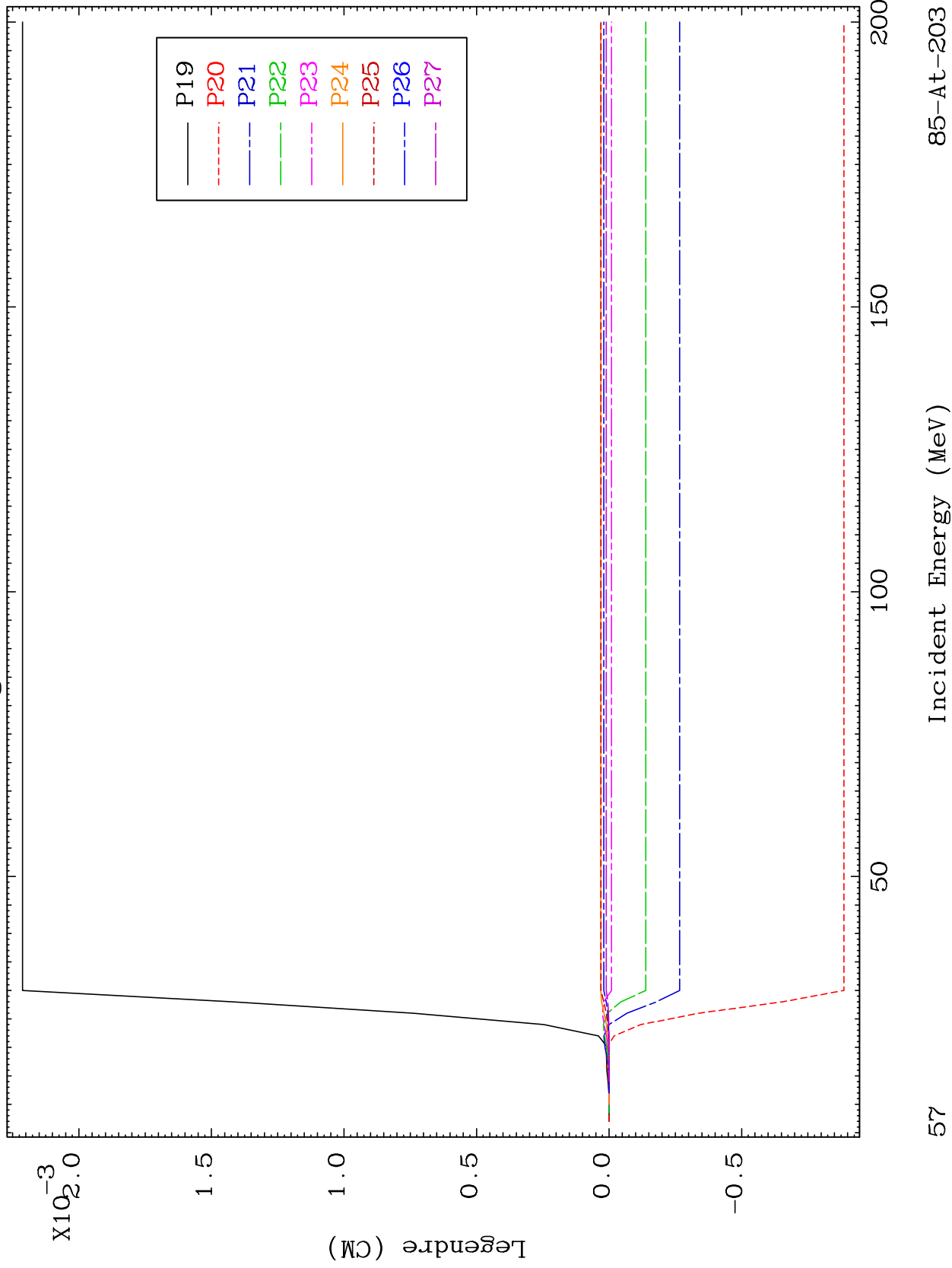
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



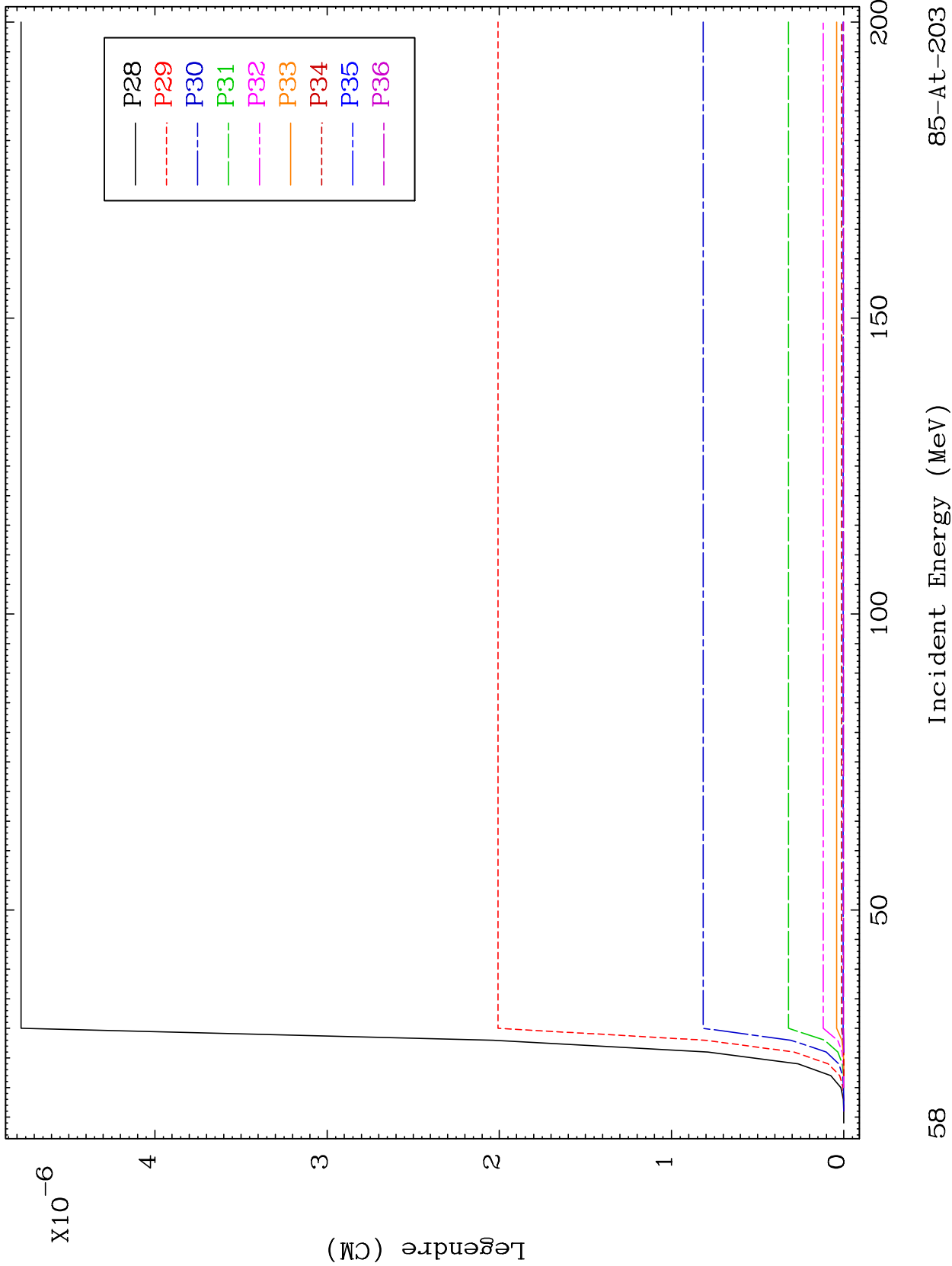
57

85-At-203

MAT 8525

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

85-At-203



58

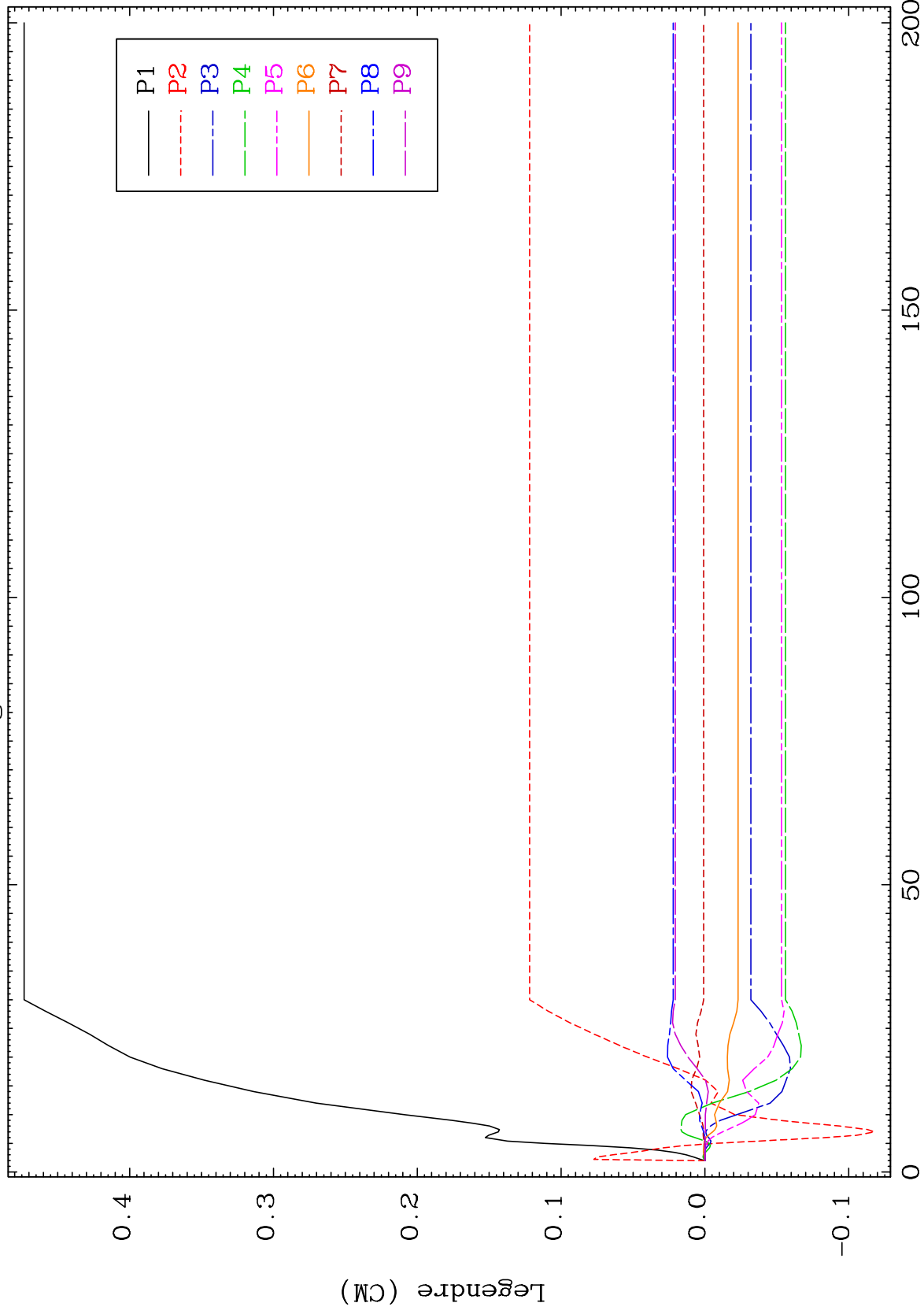
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



85-At-203

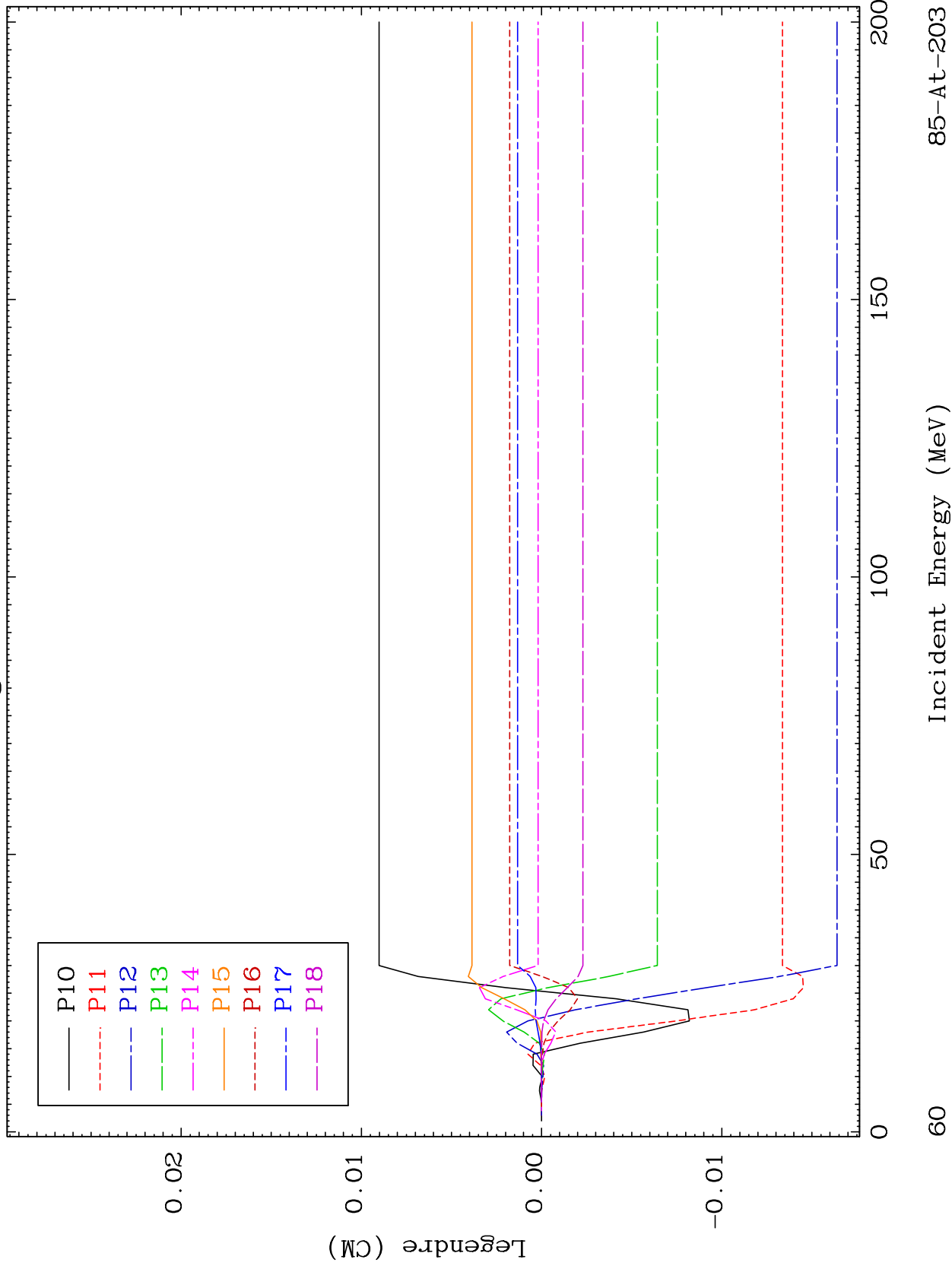
Incident Energy (MeV)

59

MAT 8525

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

85-At-203



85-At-203

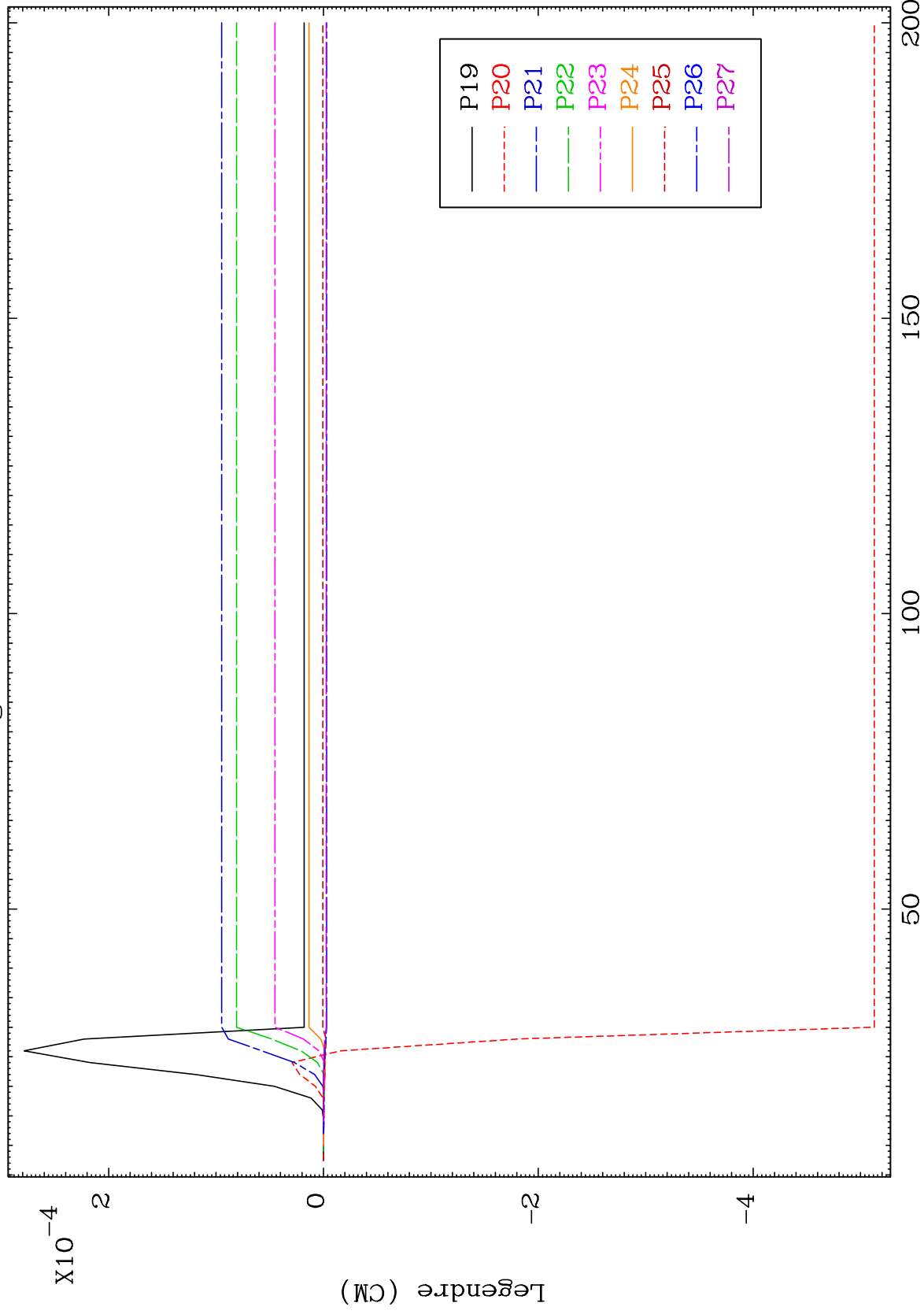
Incident Energy (MeV)

60

MAT 8525

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

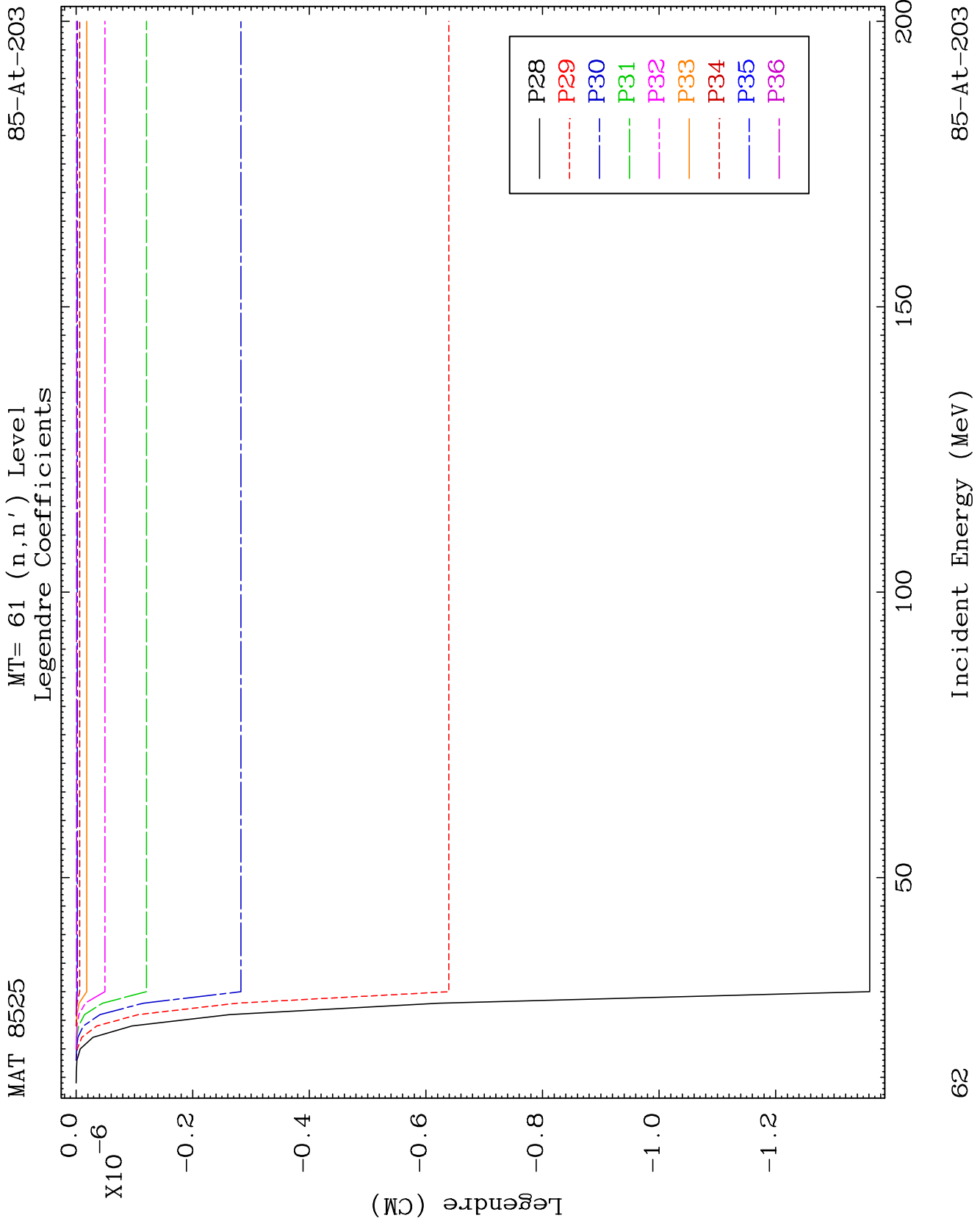
85-At-203



61

Incident Energy (MeV)

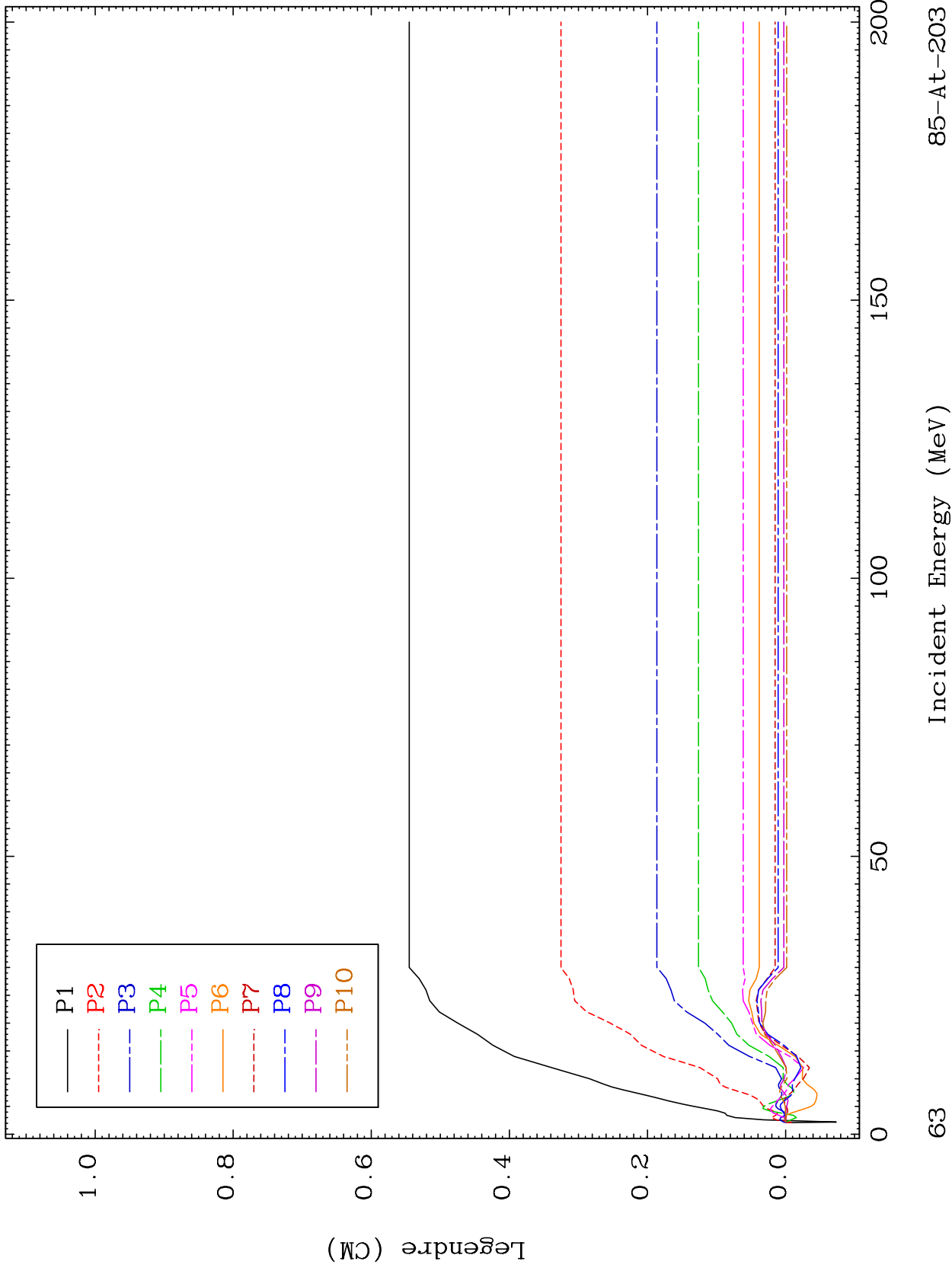
85-At-203



MAT 8525

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

85-At-203



63

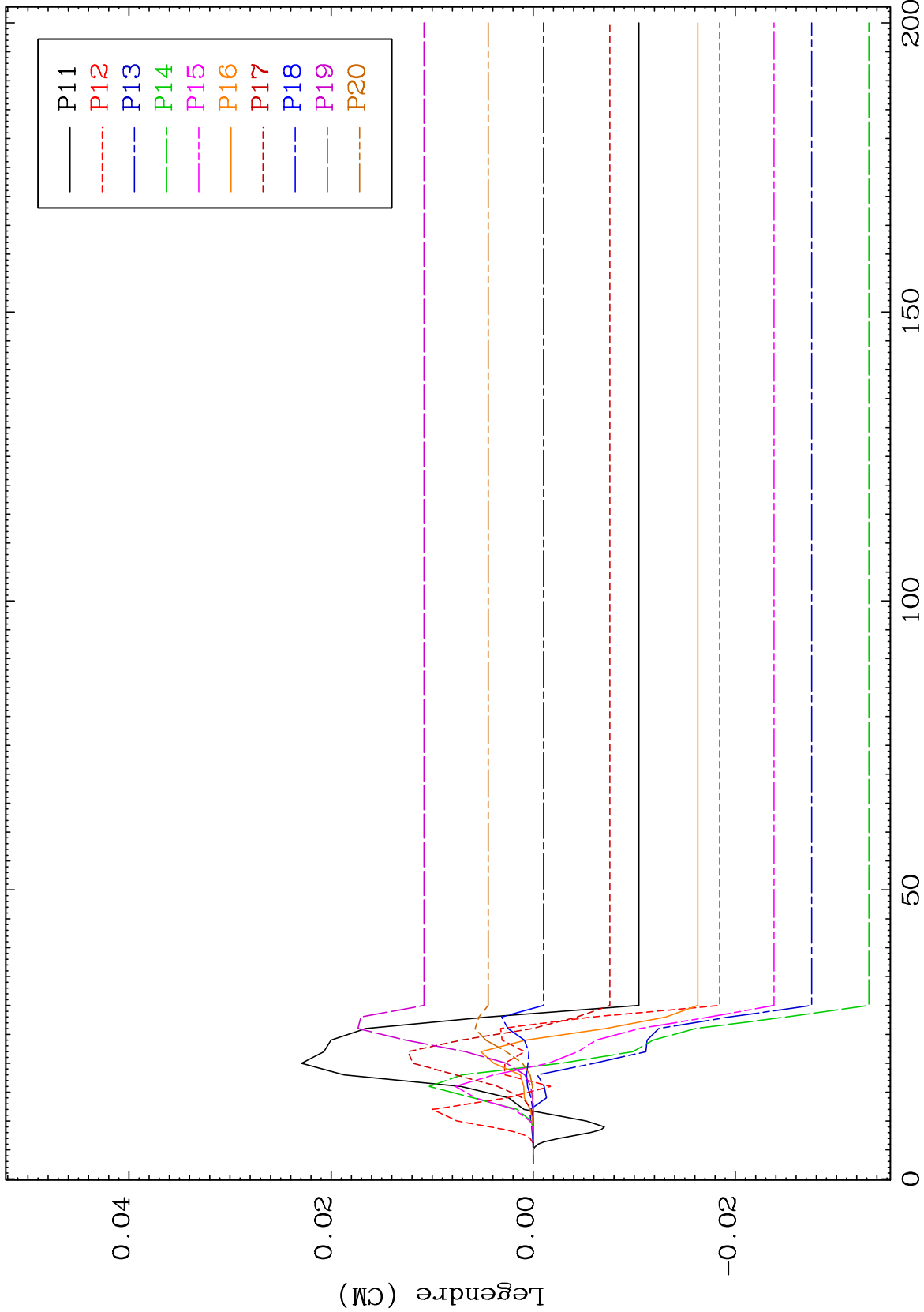
Incident Energy (MeV)

85-At-203

MAT 8525

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

85-At-203



64

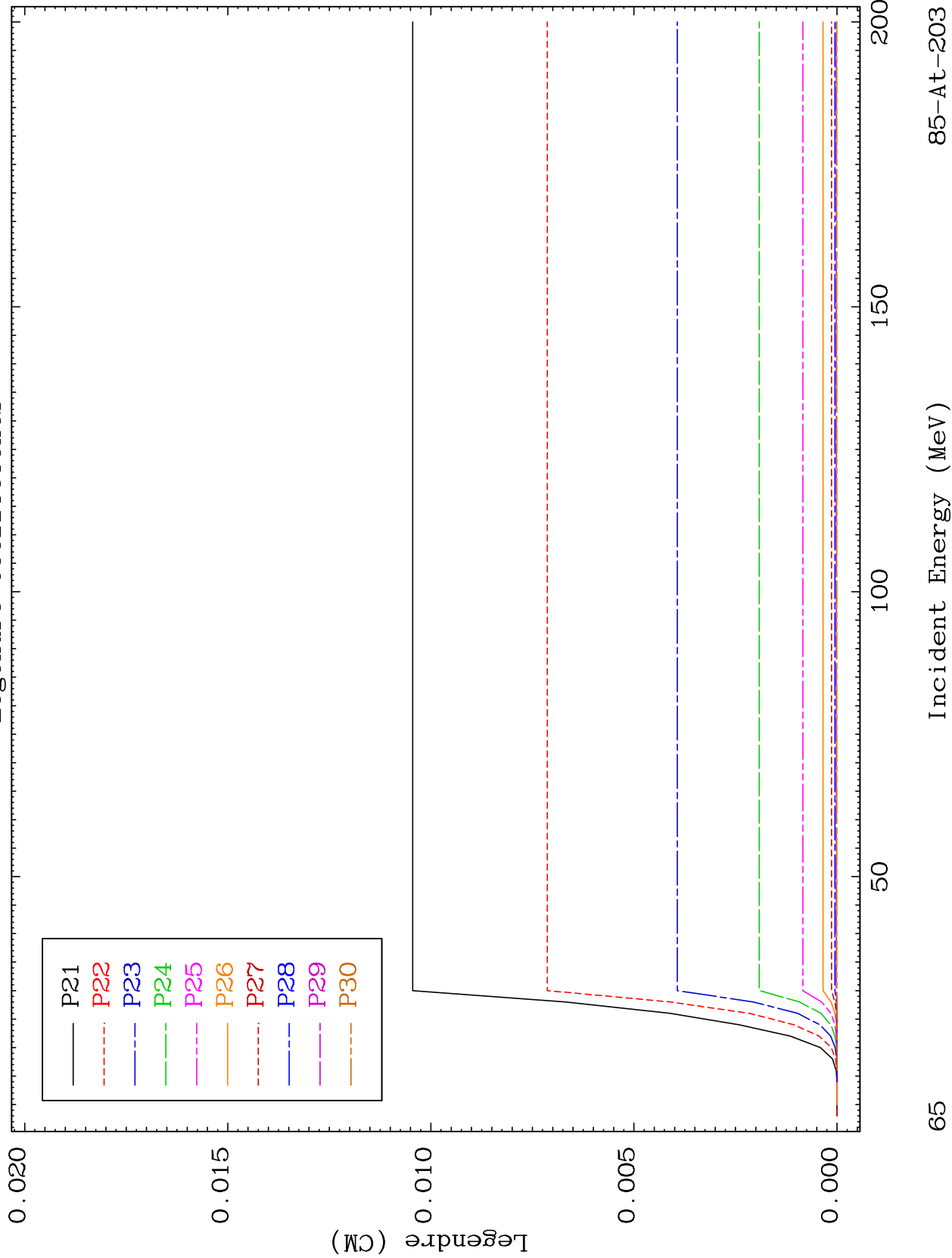
Incident Energy (MeV)

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

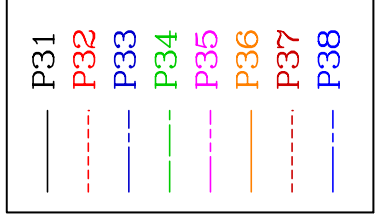
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2.0

1.5

1.0

0.5

0.0



50

100

150

200

66

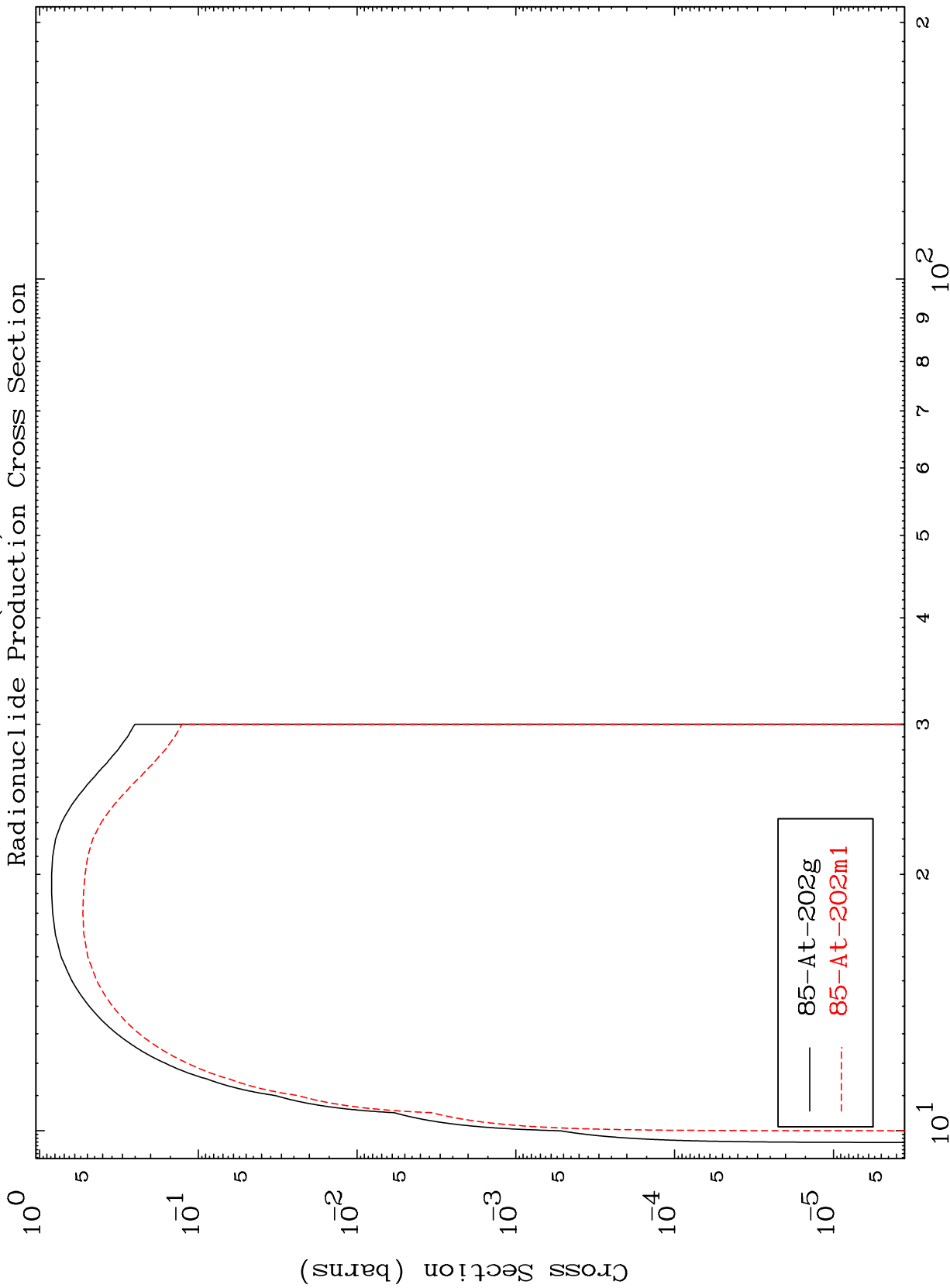
Incident Energy (MeV)

85-At-203

MAT 8525

85-At-203

(n,2n)
Radionuclide Production Cross Section



85-At-203

Incident Energy (MeV)

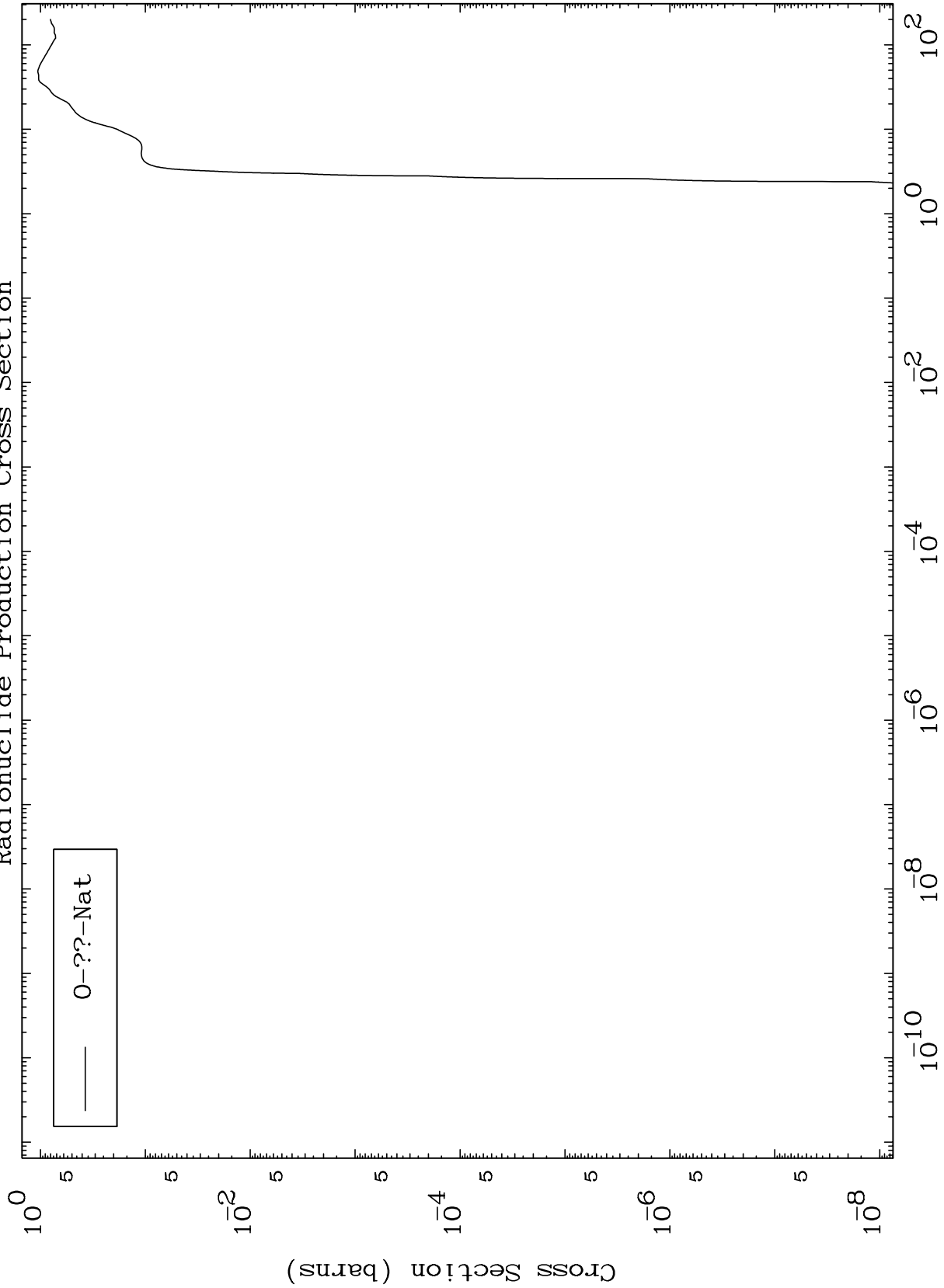
67

MAT 8525

Fission

85-At-203

Radionuclide Production Cross Section



68

Incident Energy (MeV)

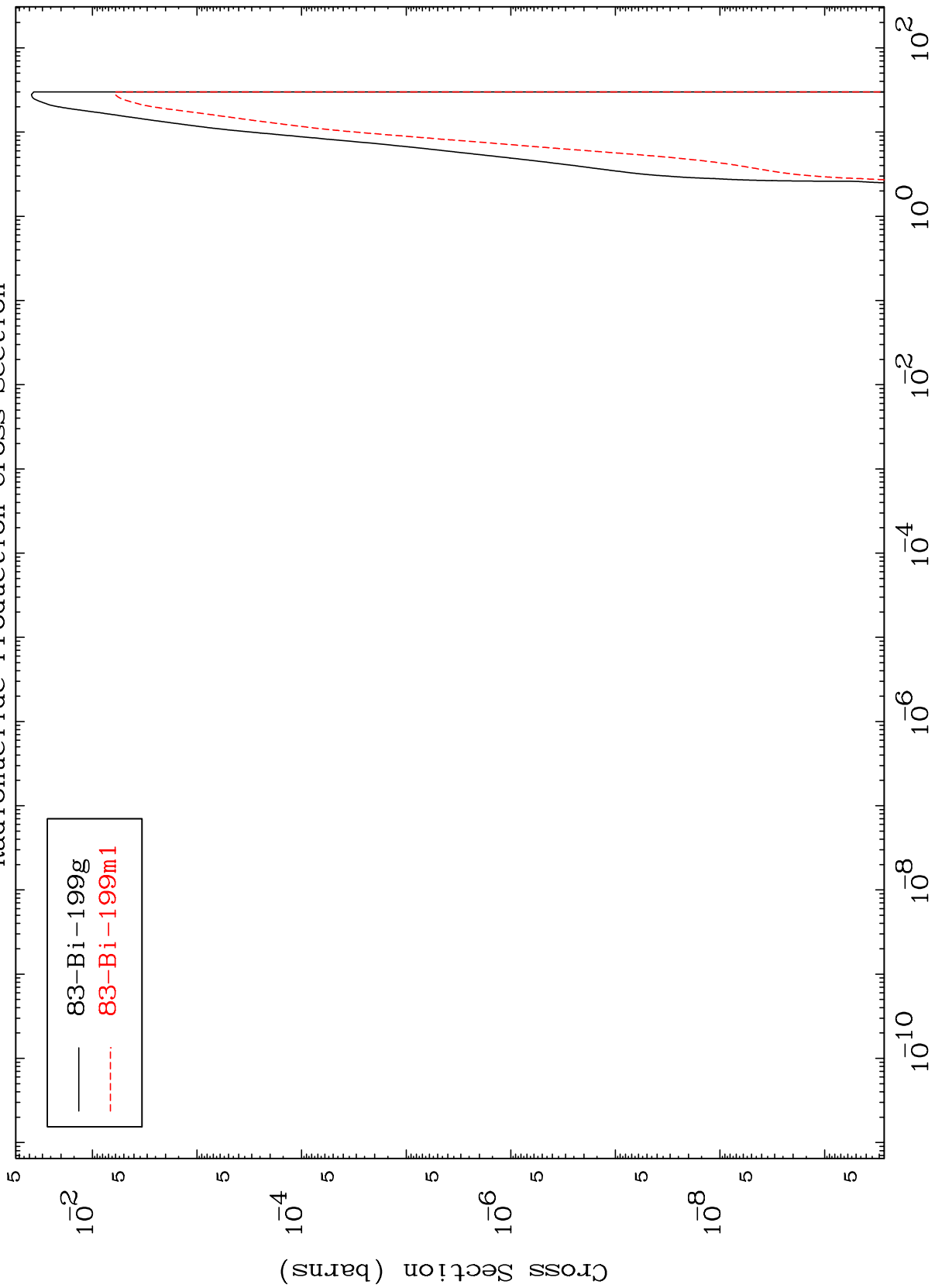
85-At-203

MAT 8525

(n,n') α

85-At-203

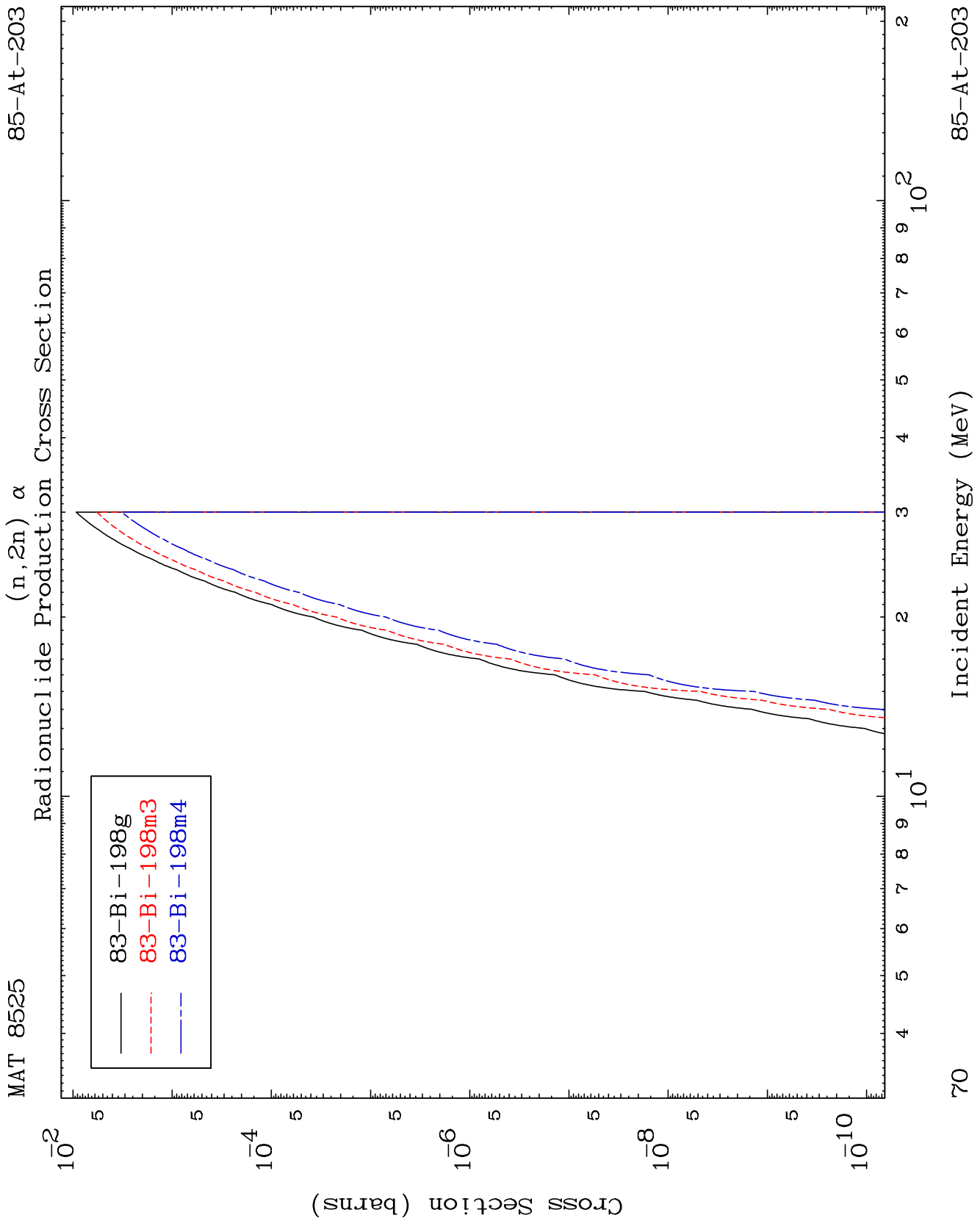
Radionuclide Production Cross Section



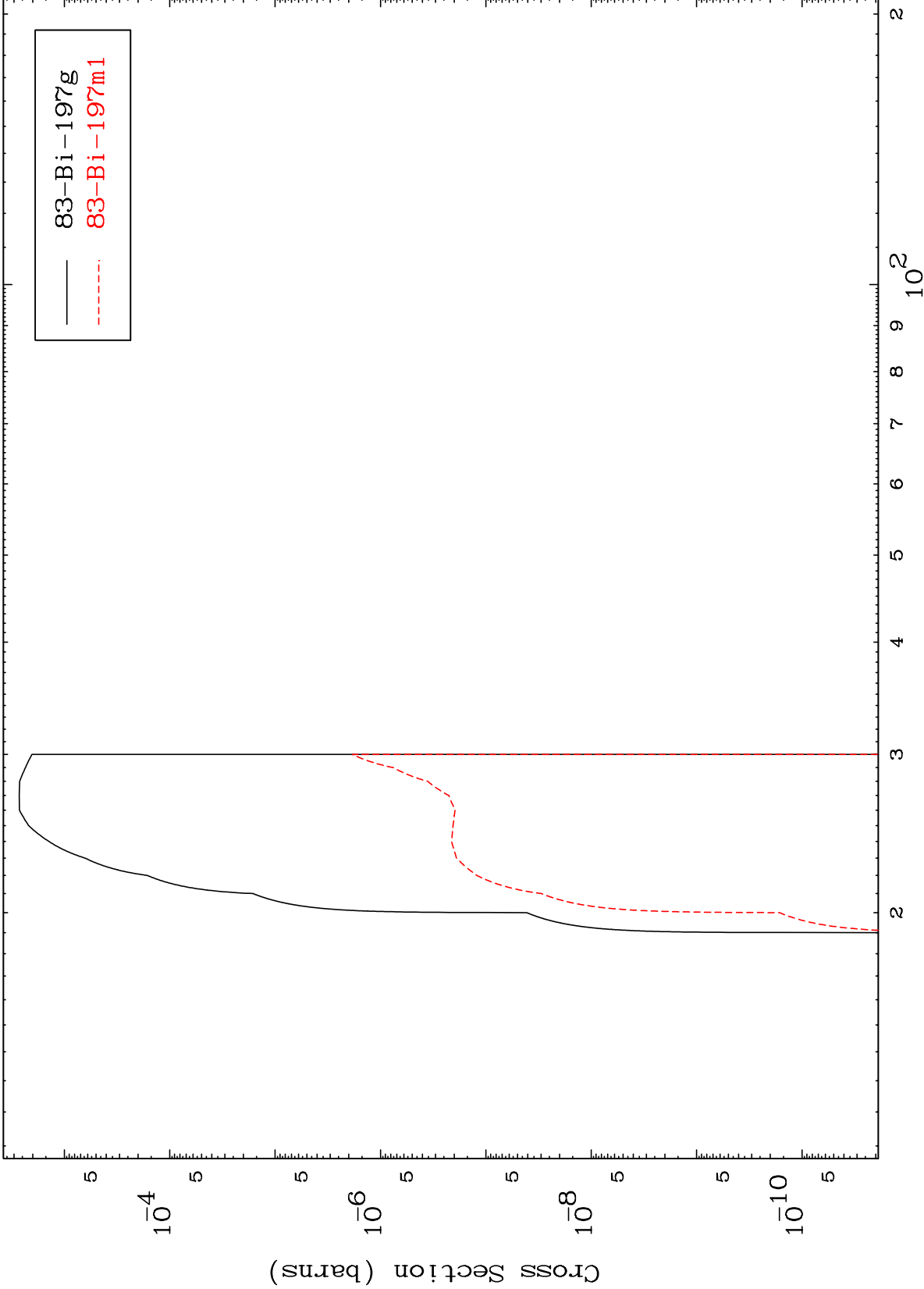
69

Incident Energy (MeV)

85-At-203



Radionuclide Production Cross Section

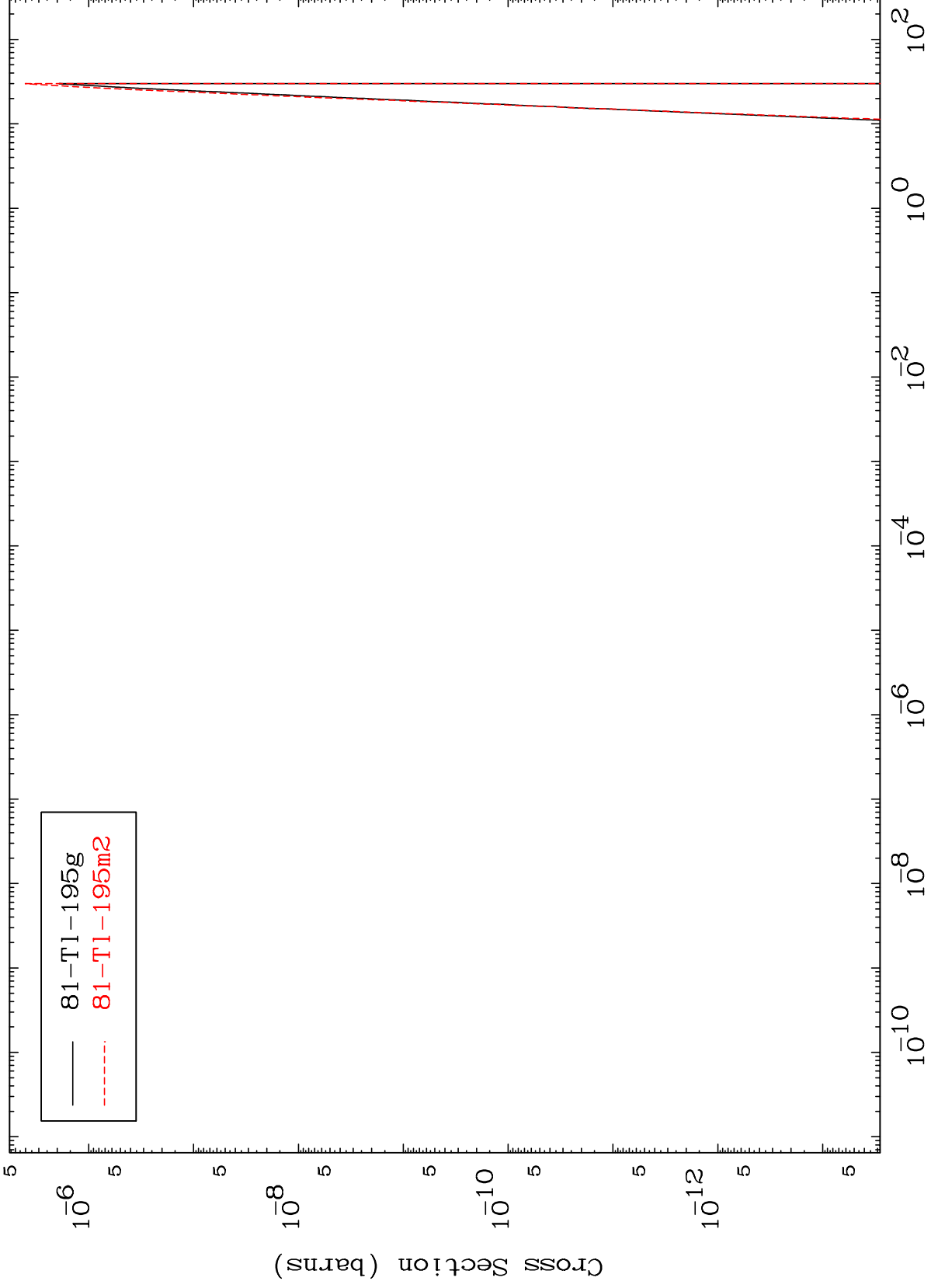


MAT 8525

(n,n') 2α

85-At-203

Radionuclide Production Cross Section



72

Incident Energy (MeV)

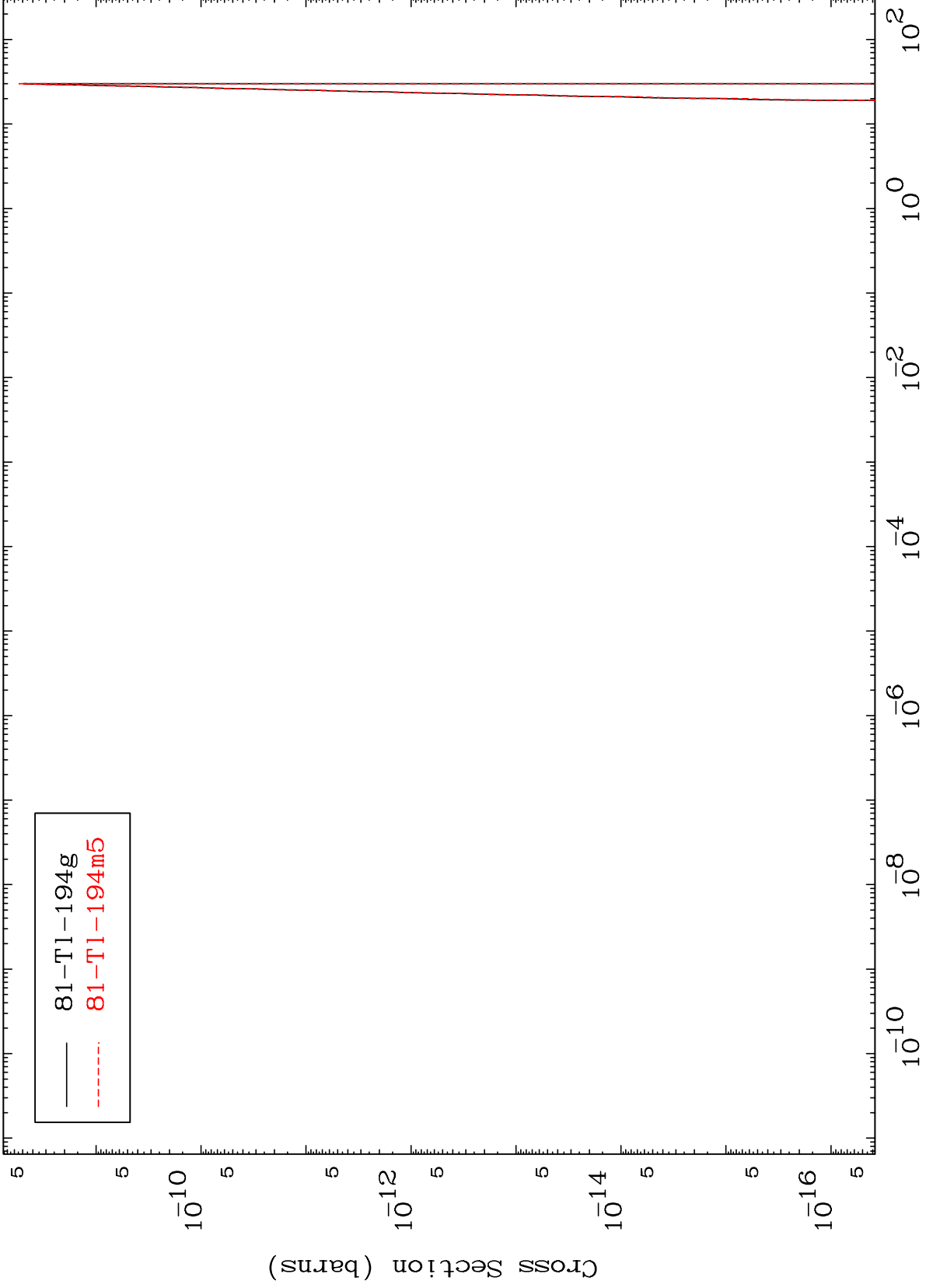
85-At-203

MAT 8525

(n,2n) 2 α

85-At-203

Radionuclide Production Cross Section



73

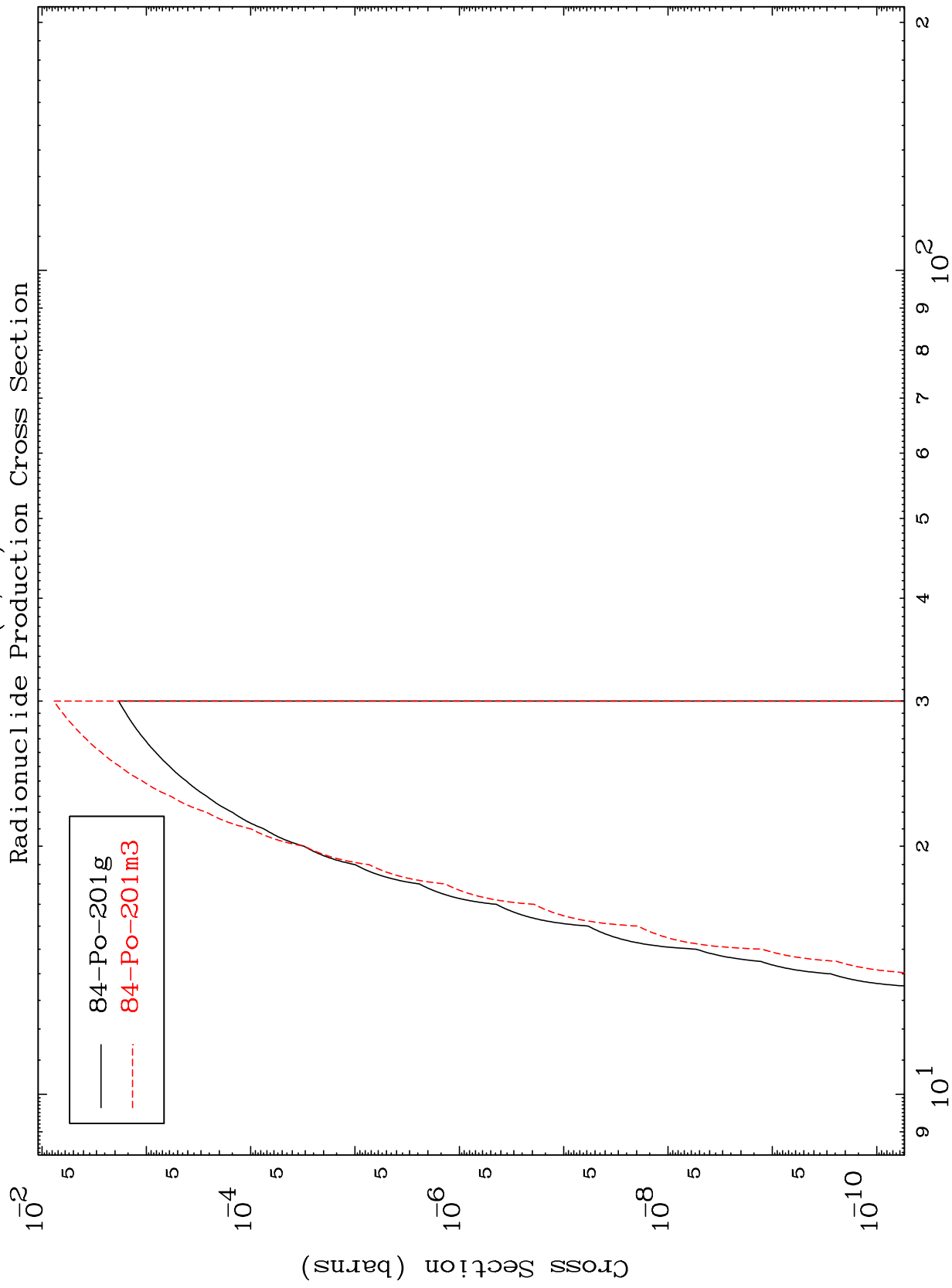
Incident Energy (MeV)

85-At-203

MAT 8525

(n,n') d

85-At-203



74

Incident Energy (MeV)

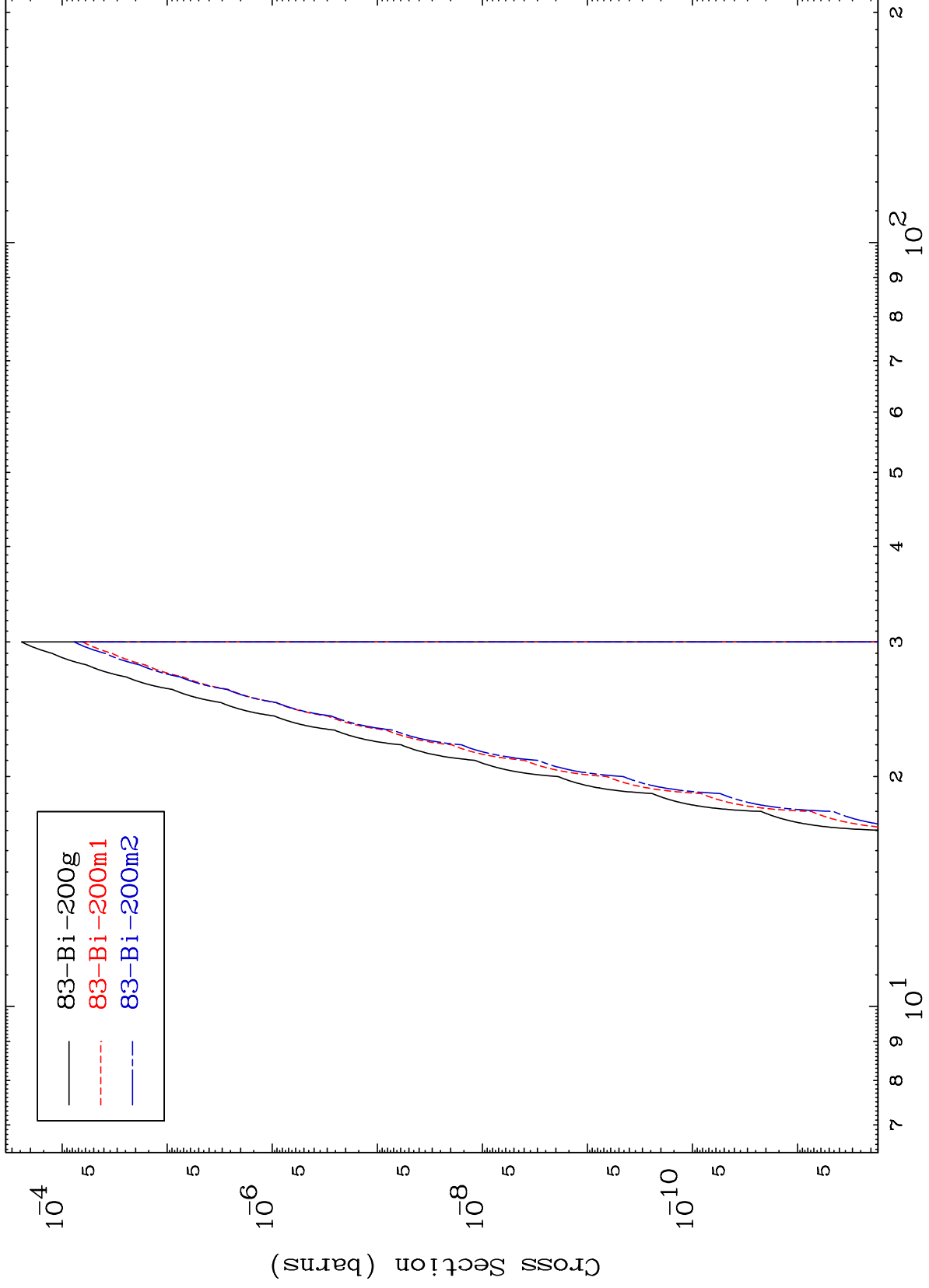
85-At-203

MAT 8525

(n,n') He-3

85-At-203

Radionuclide Production Cross Section



75

Incident Energy (MeV)

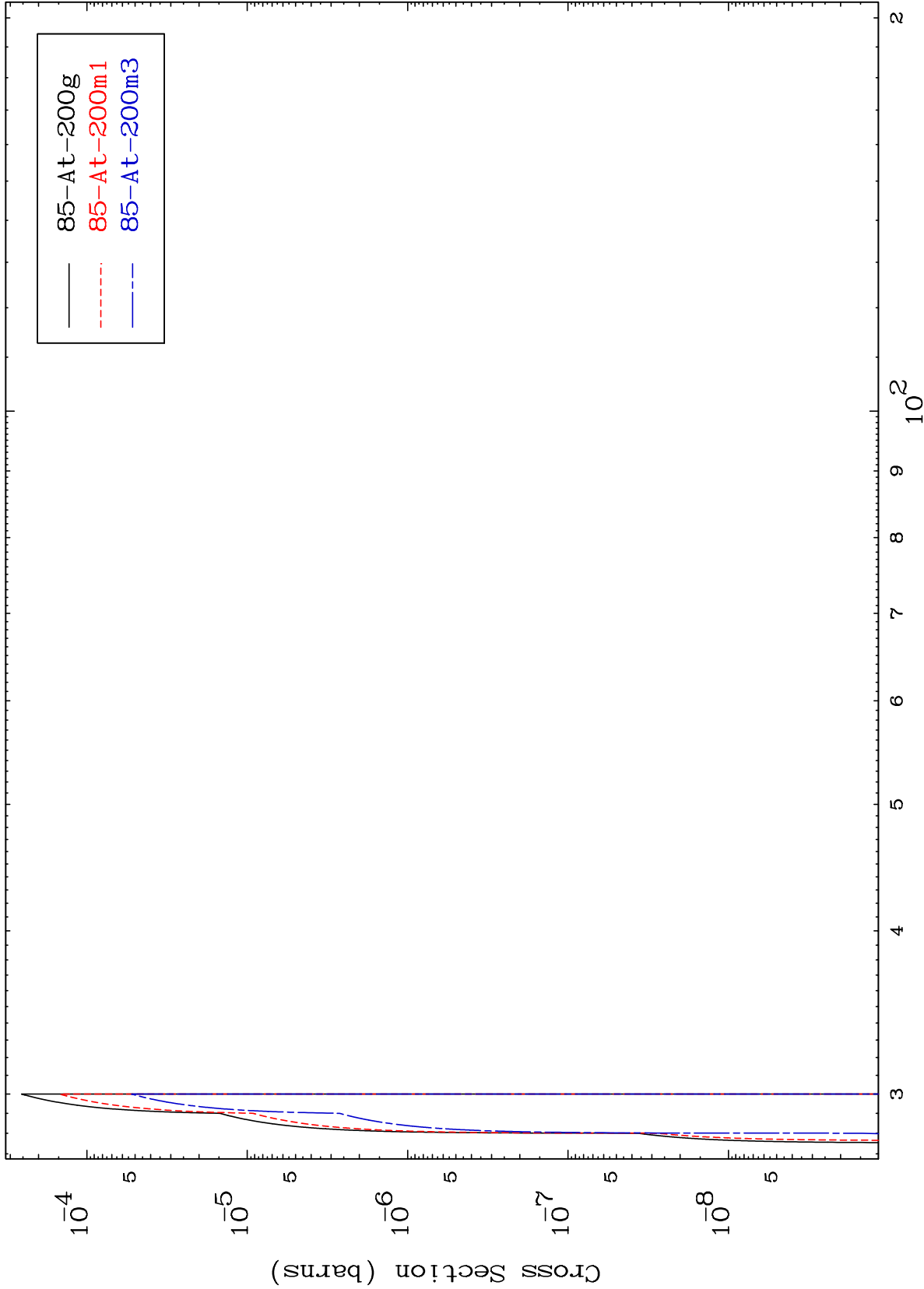
85-At-203

MAT 8525

(n,4n)

85-At-203

Radionuclide Production Cross Section

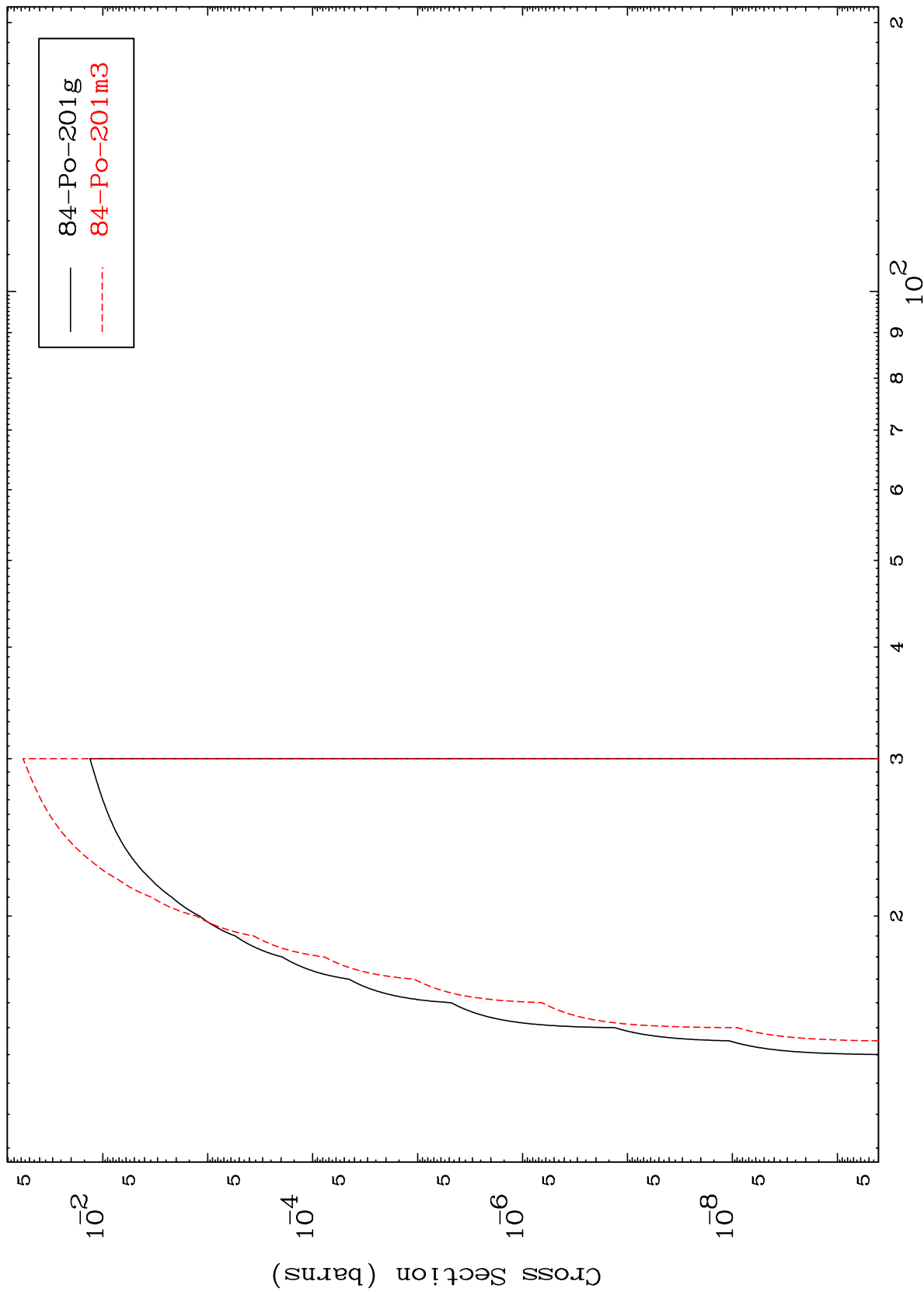


76

Incident Energy (MeV)

85-At-203

Radionuclide Production Cross Section



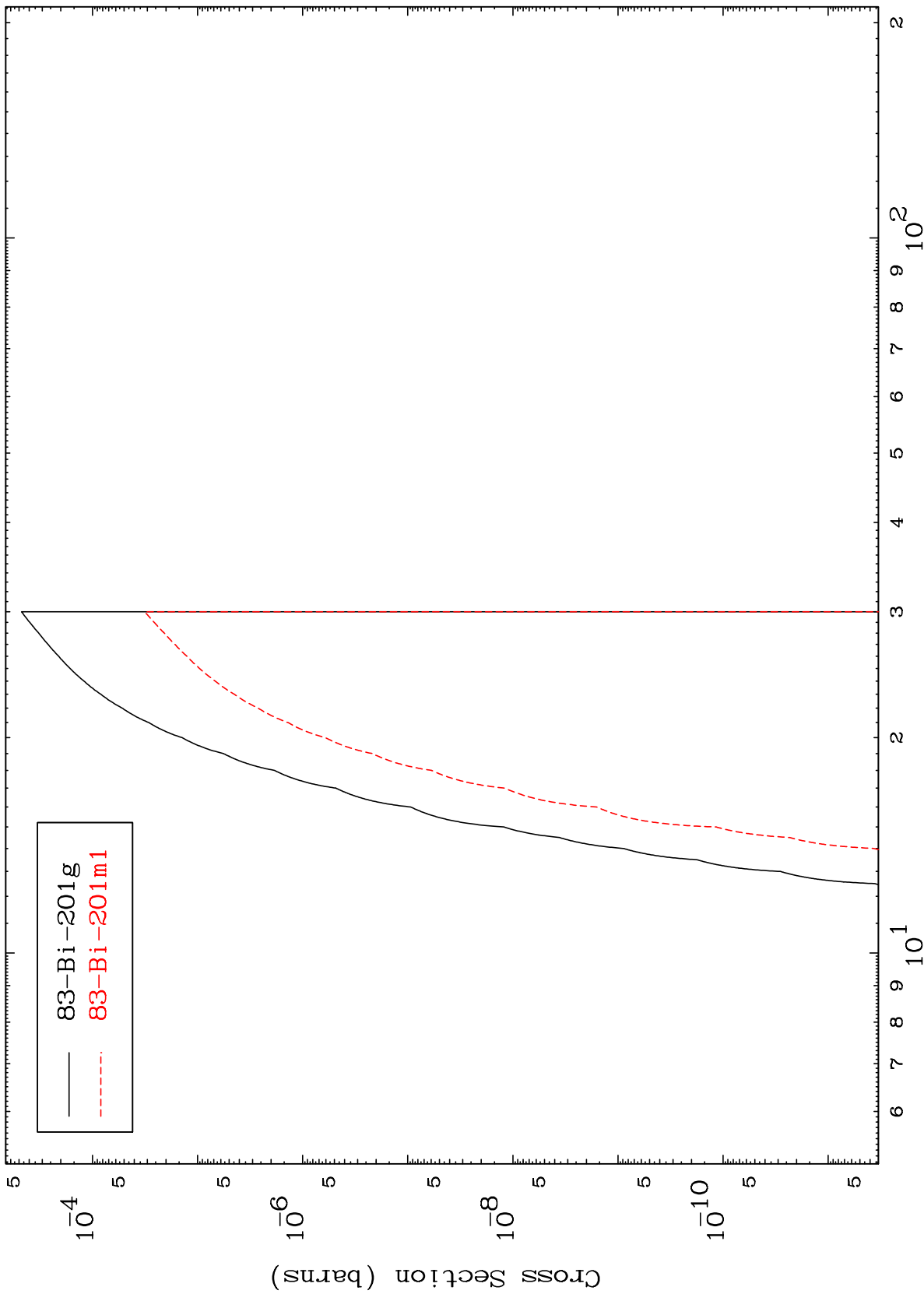
84-Po-201g
84-Po-201m3

MAT 8525

(n,2n) p

85-At-203

Radionuclide Production Cross Section



78

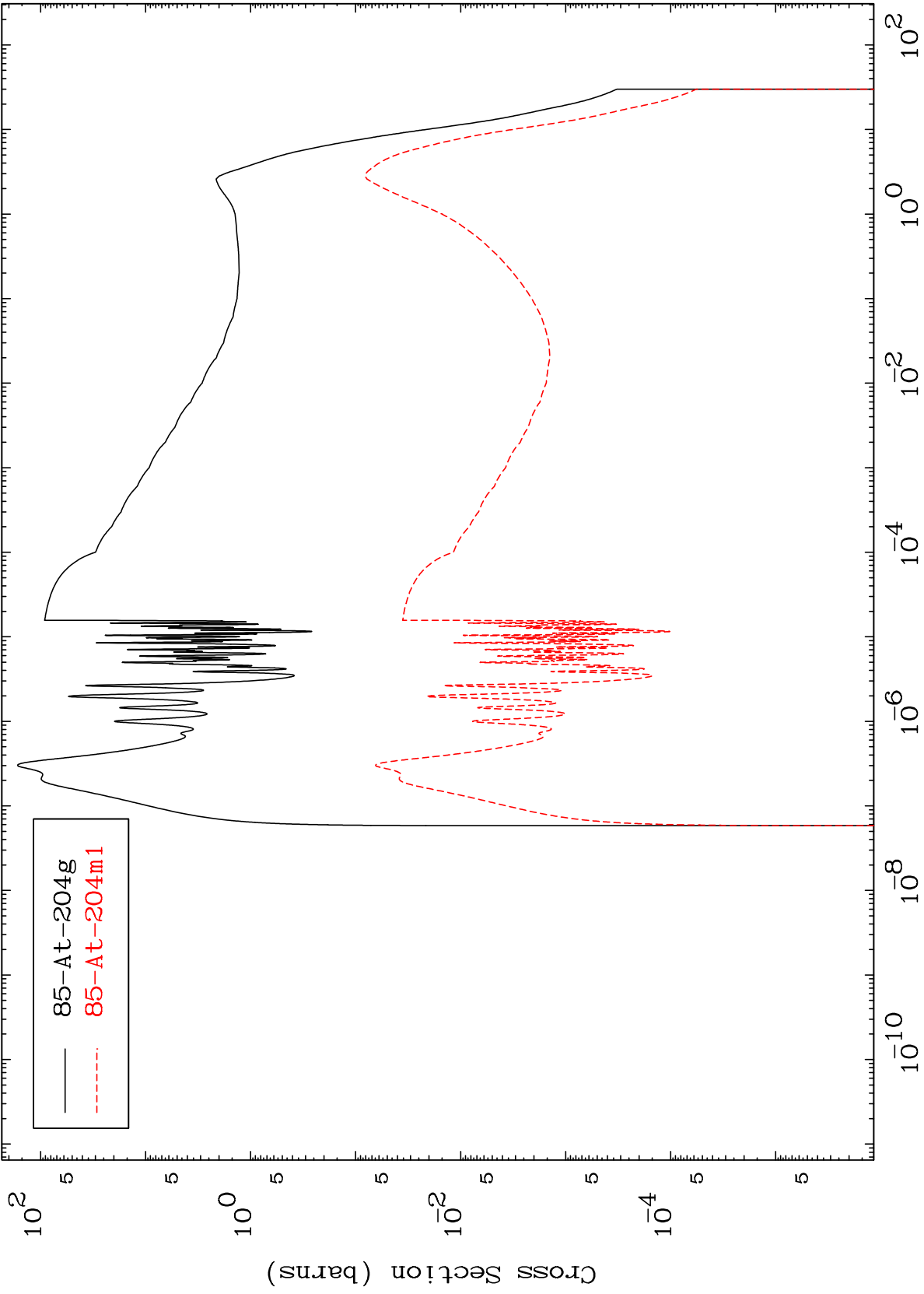
Incident Energy (MeV)

85-At-203

MAT 85225

85-At-203

Radionuclide Production Cross Section
(n, γ)



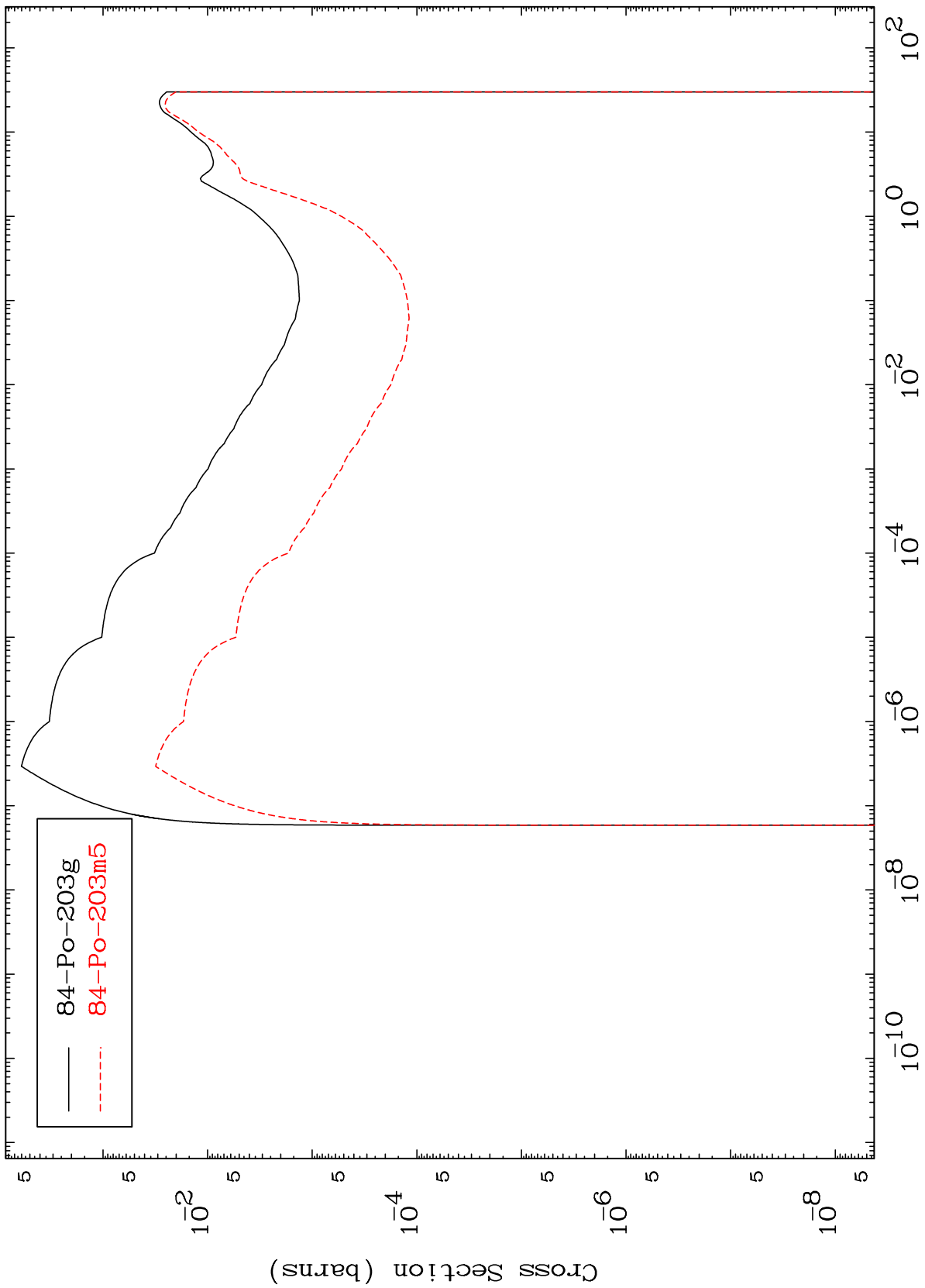
79

85-At-203

MAT 8525

85-At-203

(n,p)
Radionuclide Production Cross Section

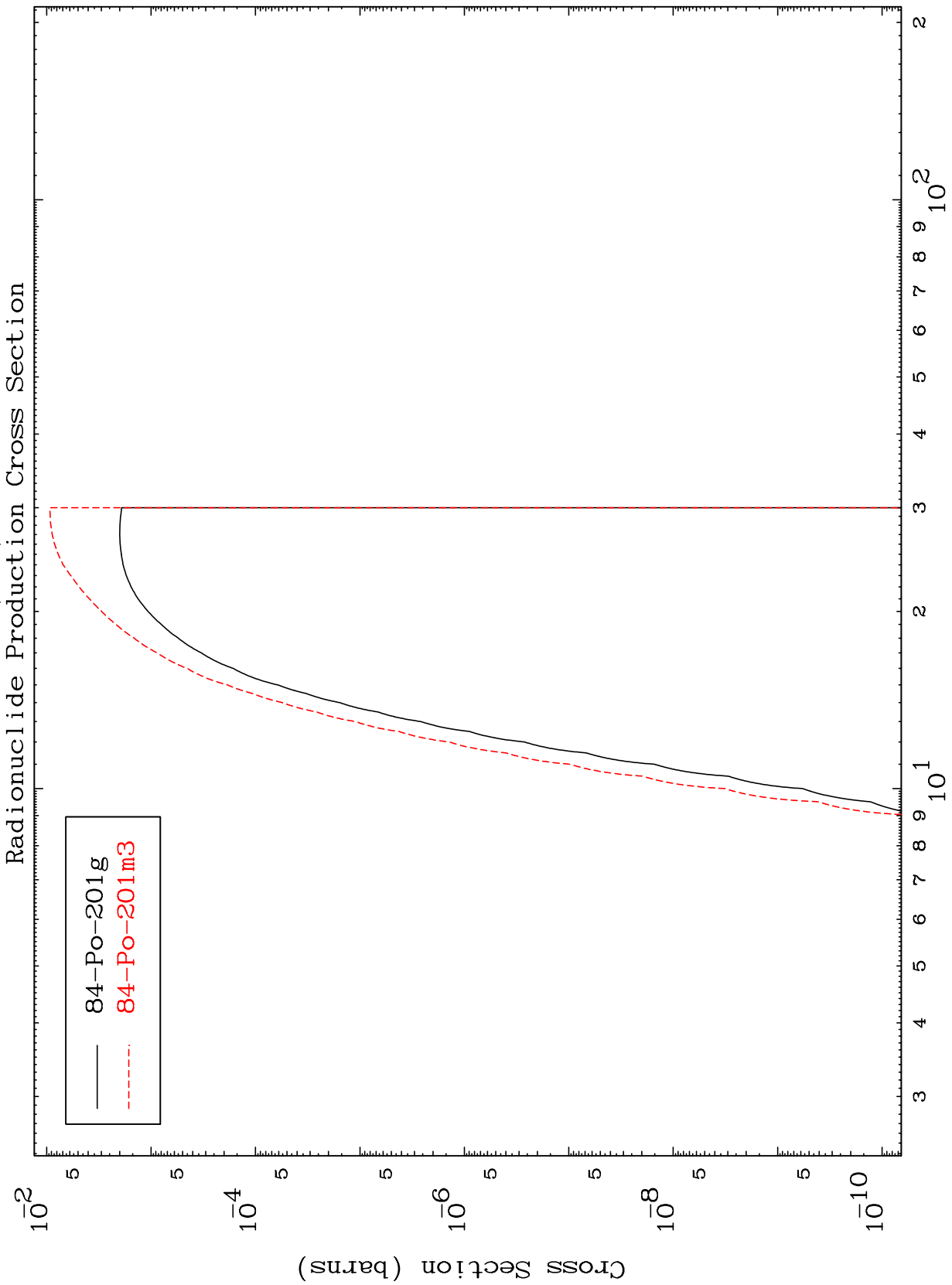


80

85-At-203

MAT 8525

85-At-203



81

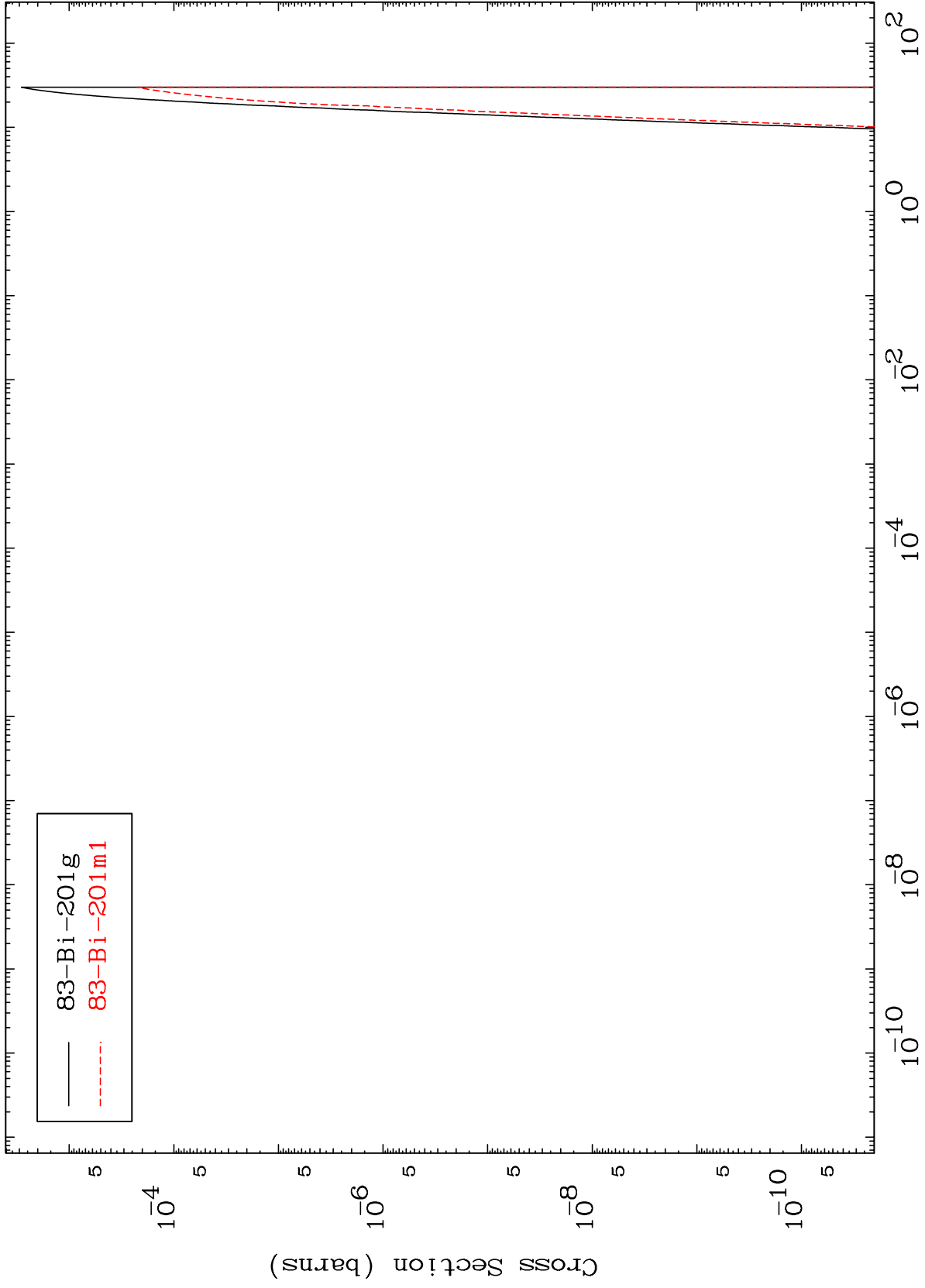
85-At-203

MAT 8525

(n,He-3)

85-At-203

Radionuclide Production Cross Section



82

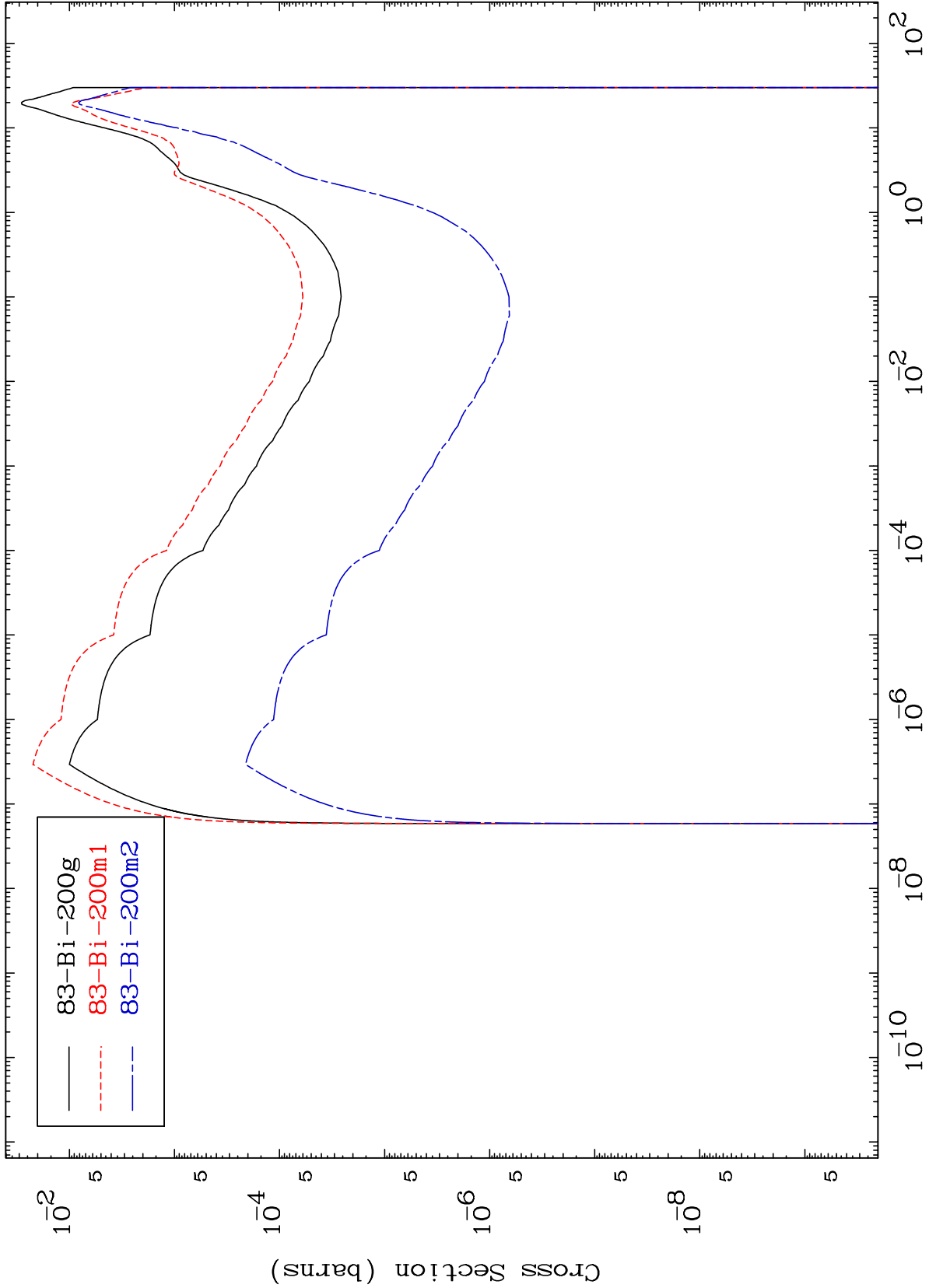
Incident Energy (MeV)

85-At-203

MAT 8525

85-At-203

Radionuclide Production Cross Section
(n, α)



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

83

85-At-203

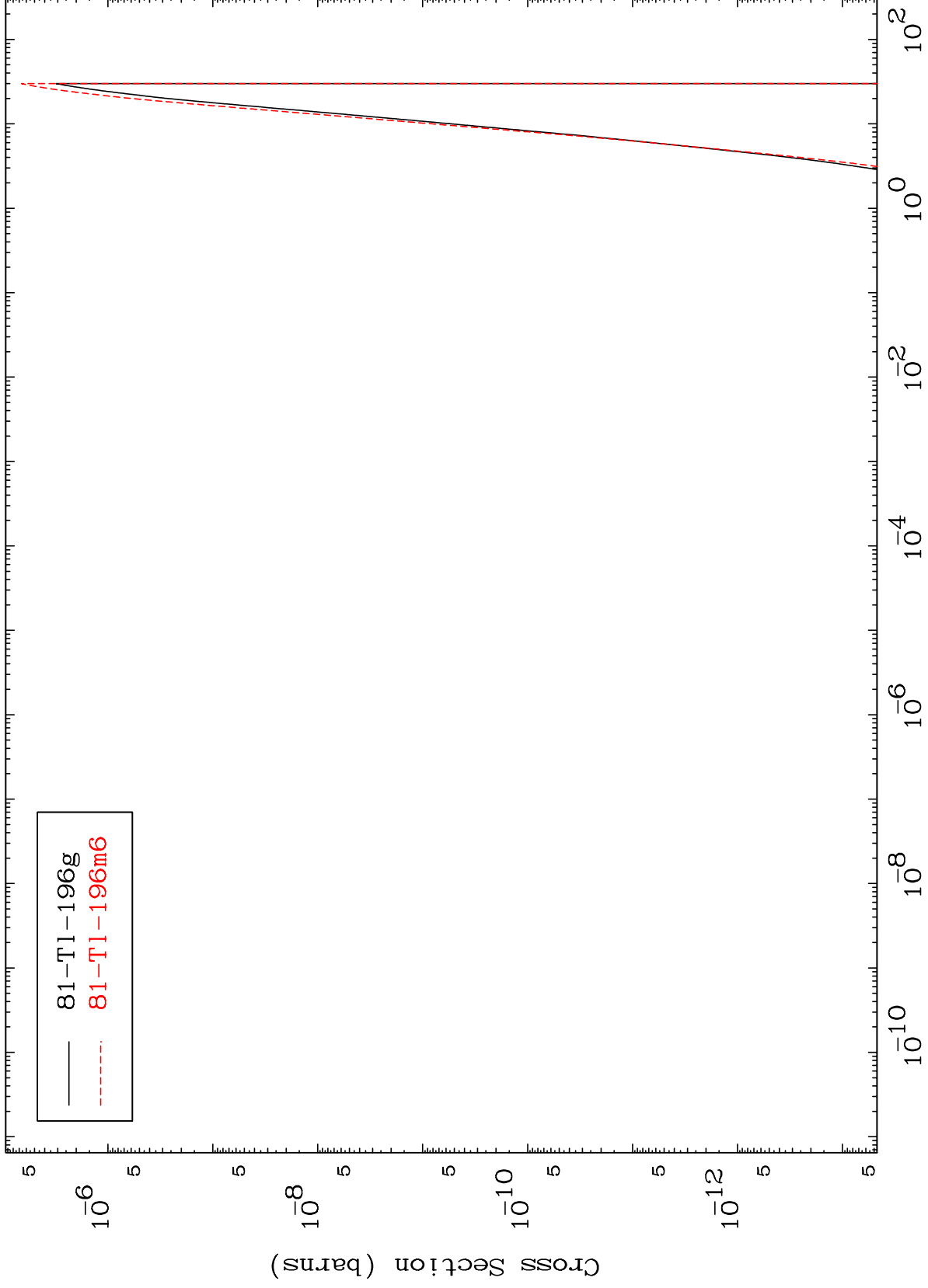
Incident Energy (MeV)

MAT 8525

(n,2α)

85-At-203

Radionuclide Production Cross Section



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

84

Incident Energy (MeV)

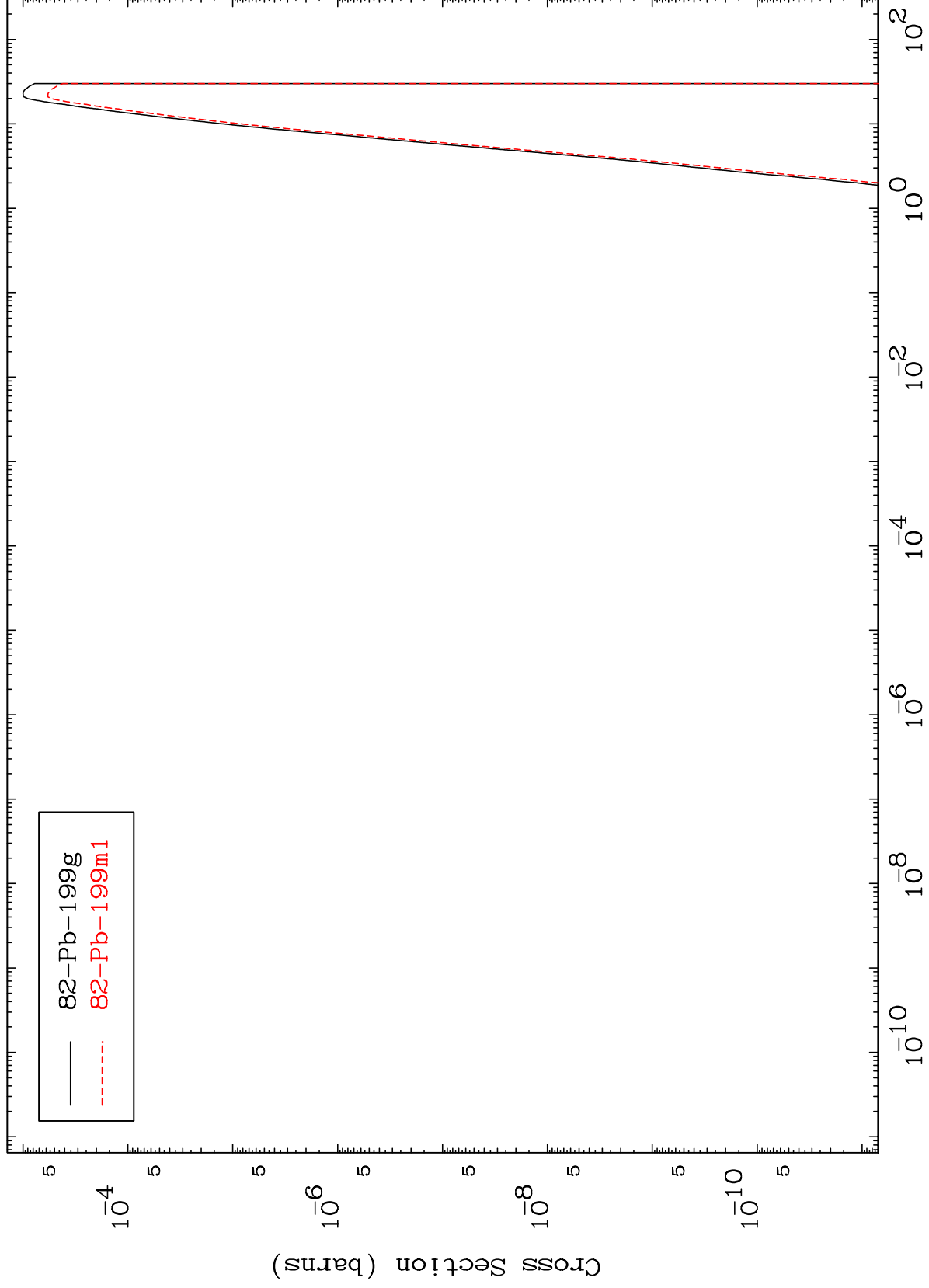
85-At-203

MAT 8525

(n,p) α

85-At-203

Radionuclide Production Cross Section

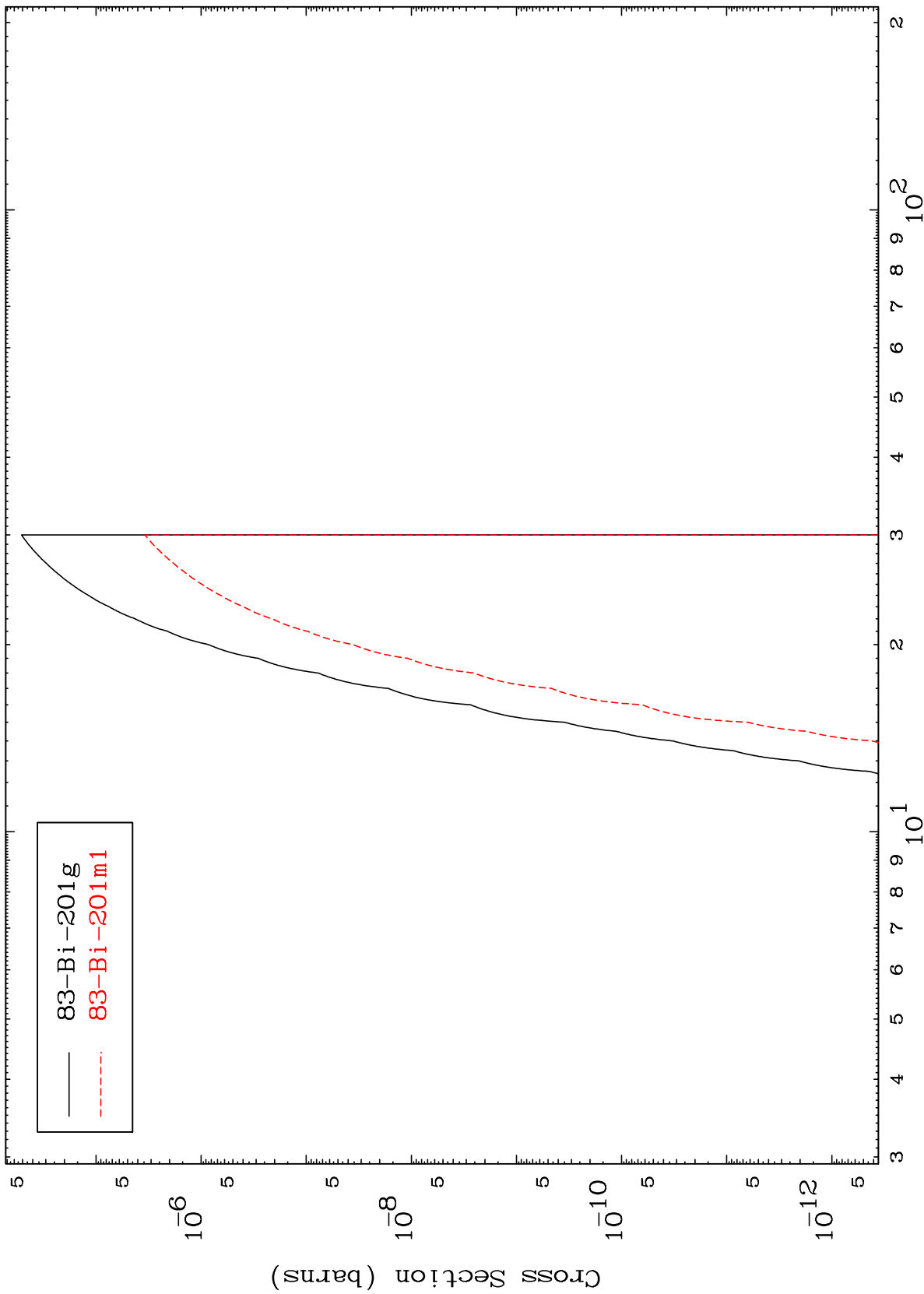


85

Incident Energy (MeV)

85-At-203

Radionuclide Production Cross Section



Radionuclide Production Cross Section

