

Program EVALPLOT
(Version 2015-2)

by

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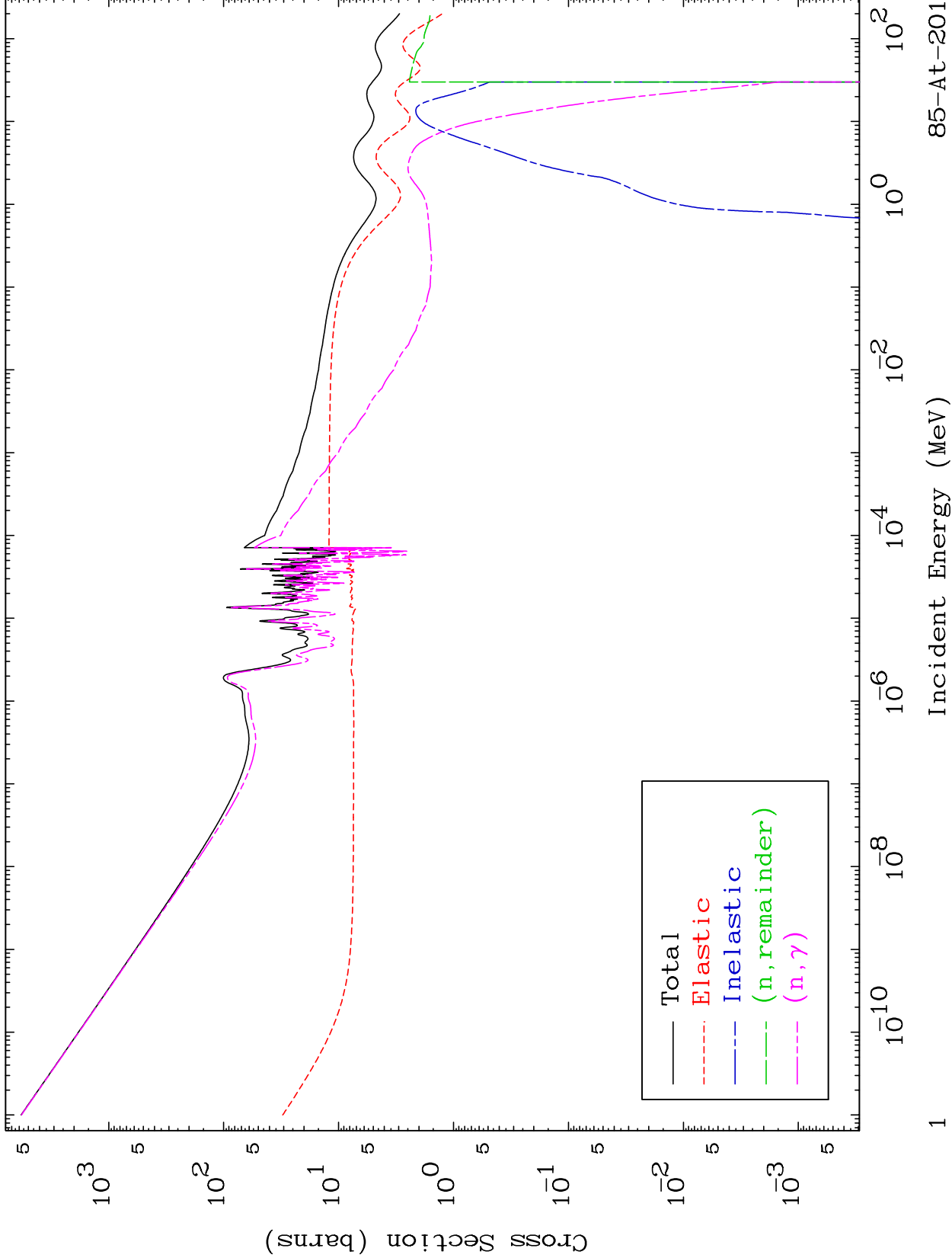
Press Mouse Button to Start

MAT 8519

Major

293 Kelvin Cross Sections

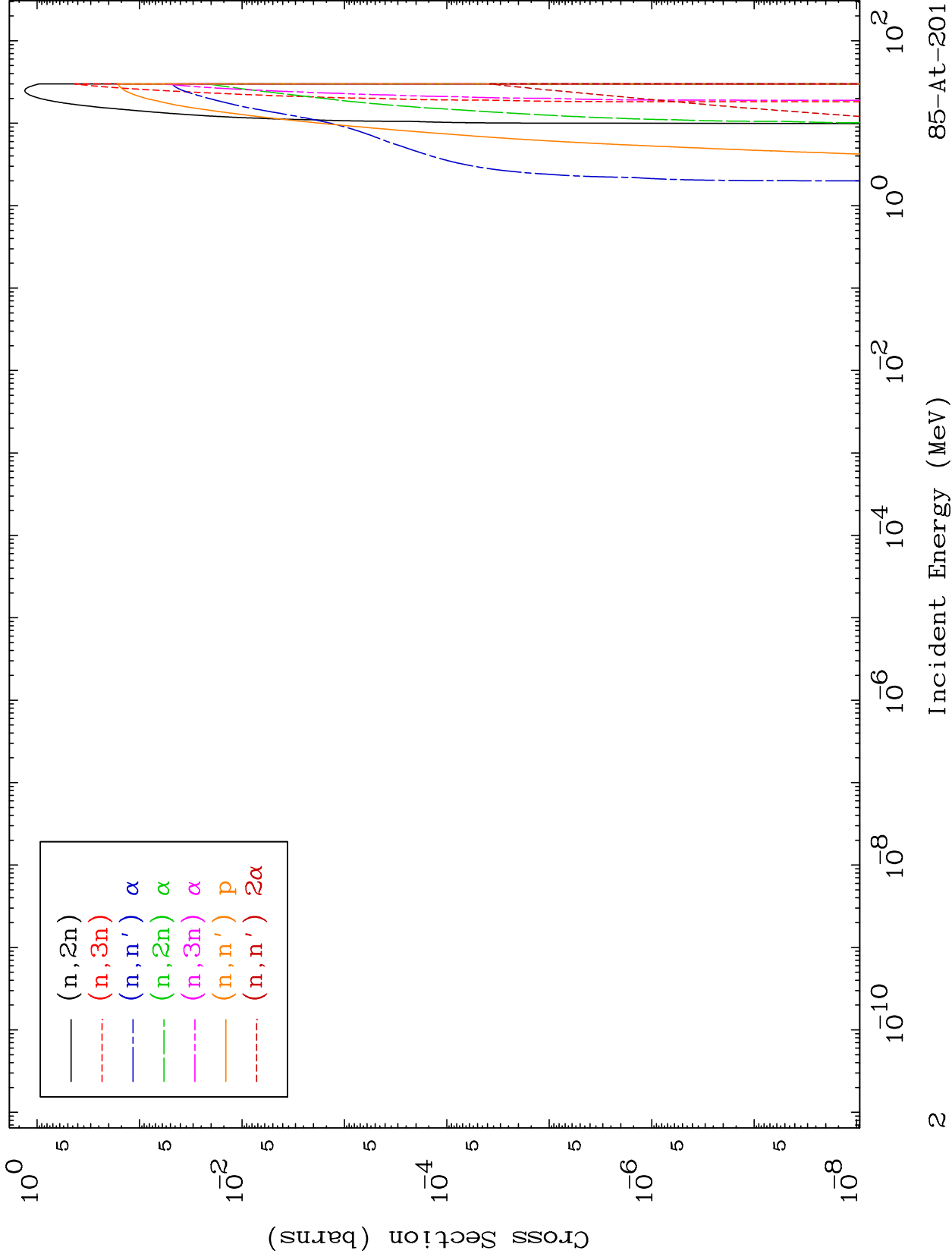
85-At-201



MAT 8519

Neutron Production
293 Kelvin Cross Sections

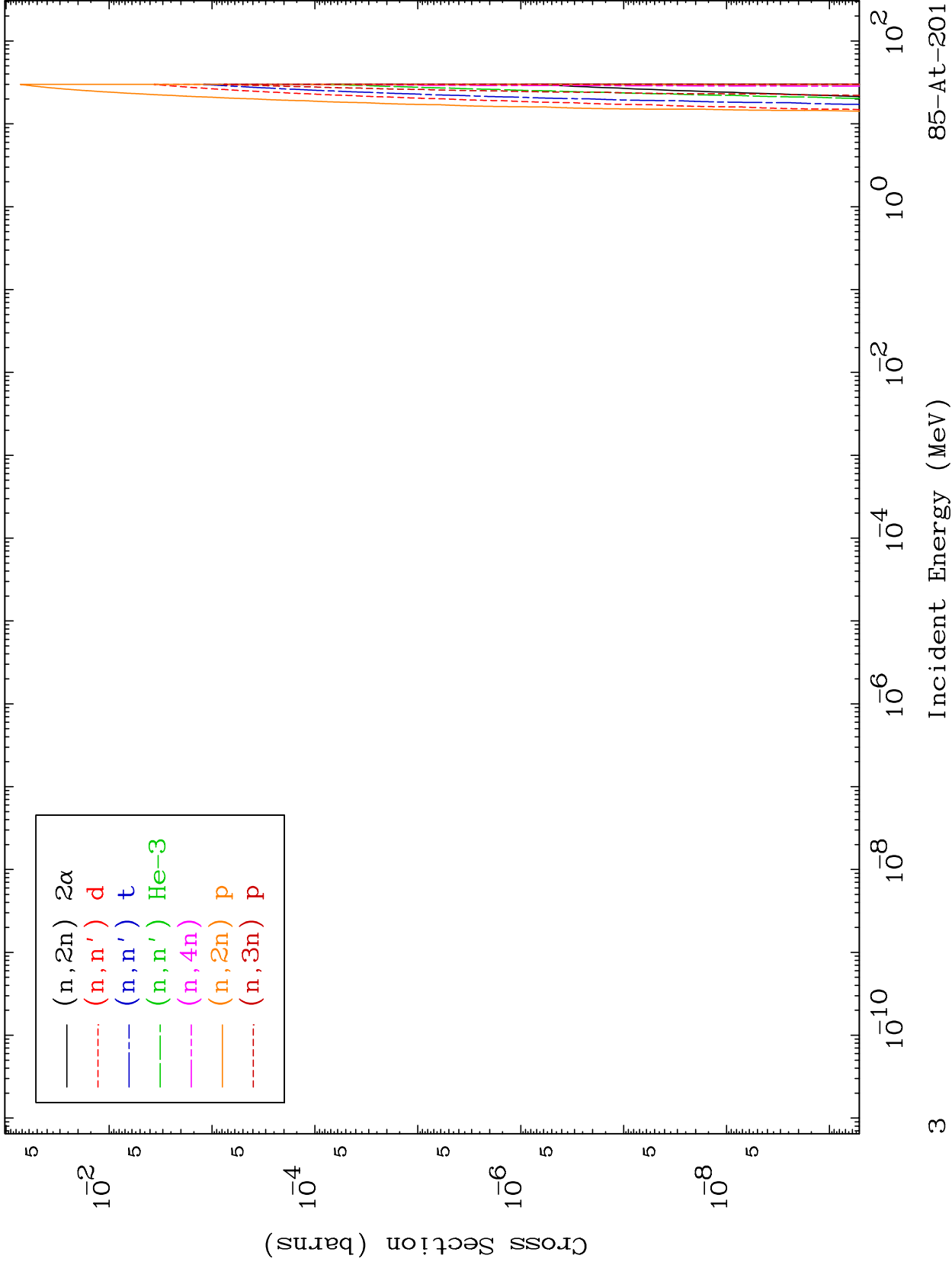
85-At-201



MAT 8519

Neutron Production
293 Kelvin Cross Sections

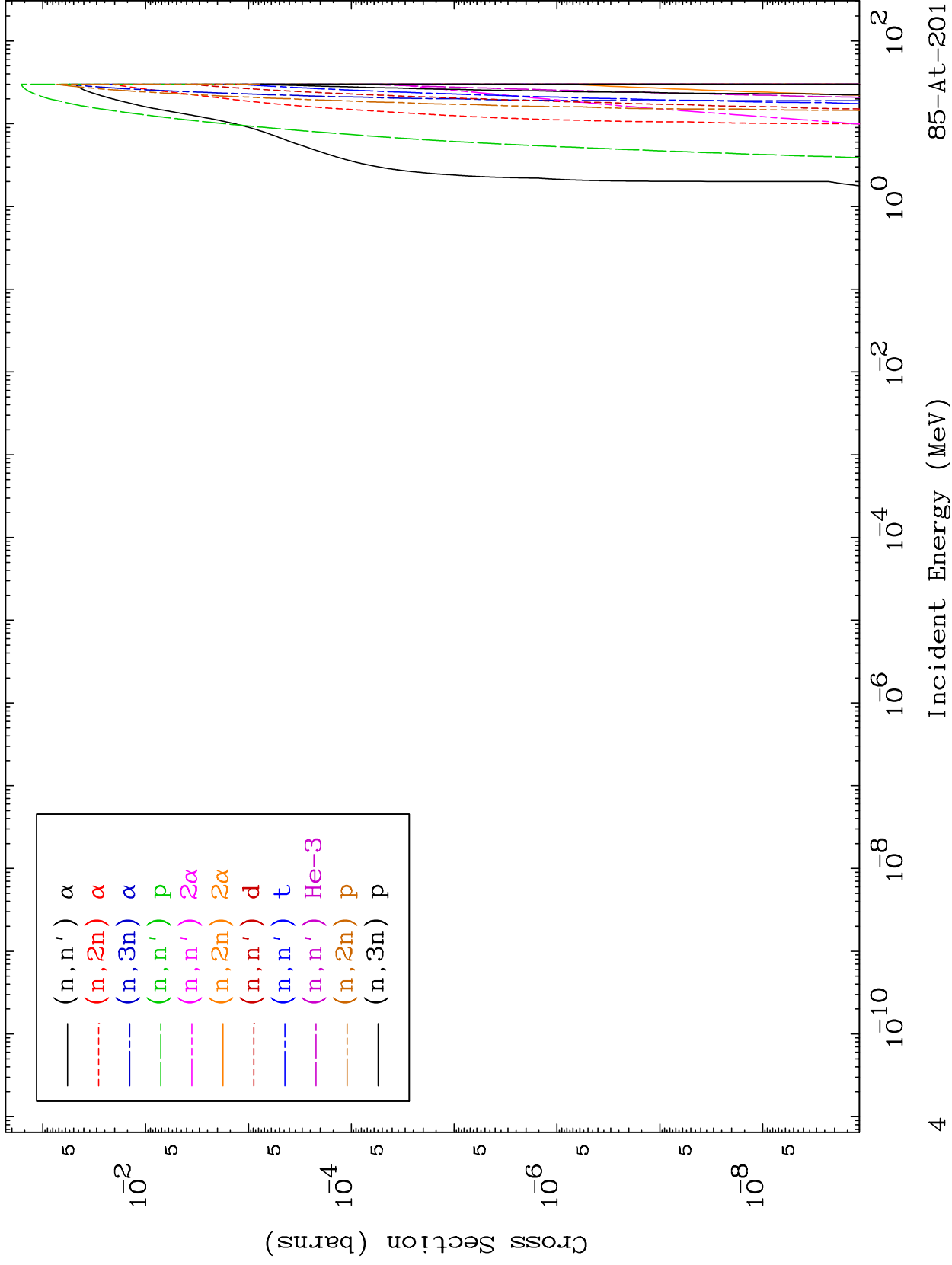
85-At-201



MAT 8519

Charged Particle
293 Kelvin Cross Sections

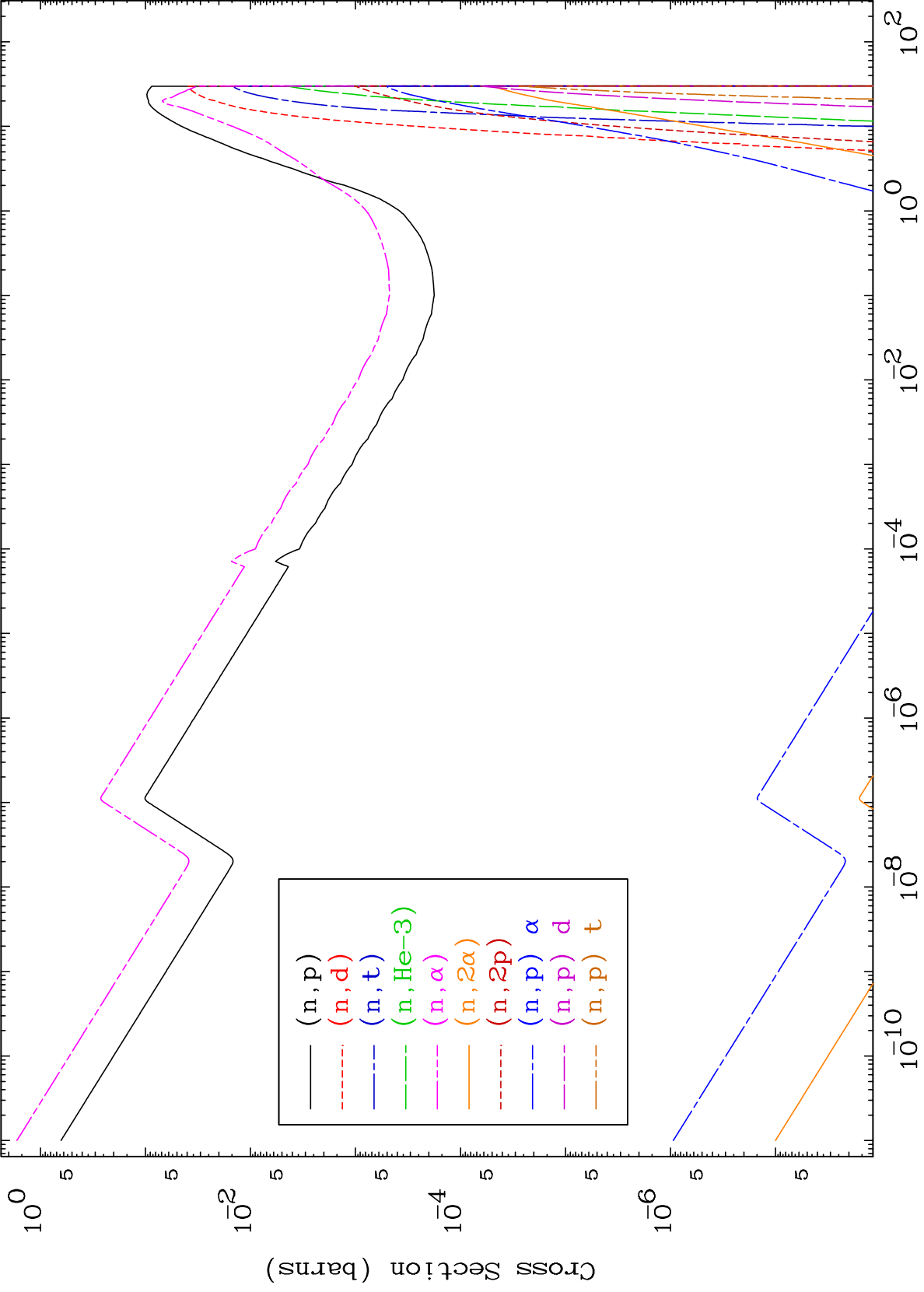
85-At-201



MAT 8519

Charged Particle
293 Kelvin Cross Sections

85-At-201

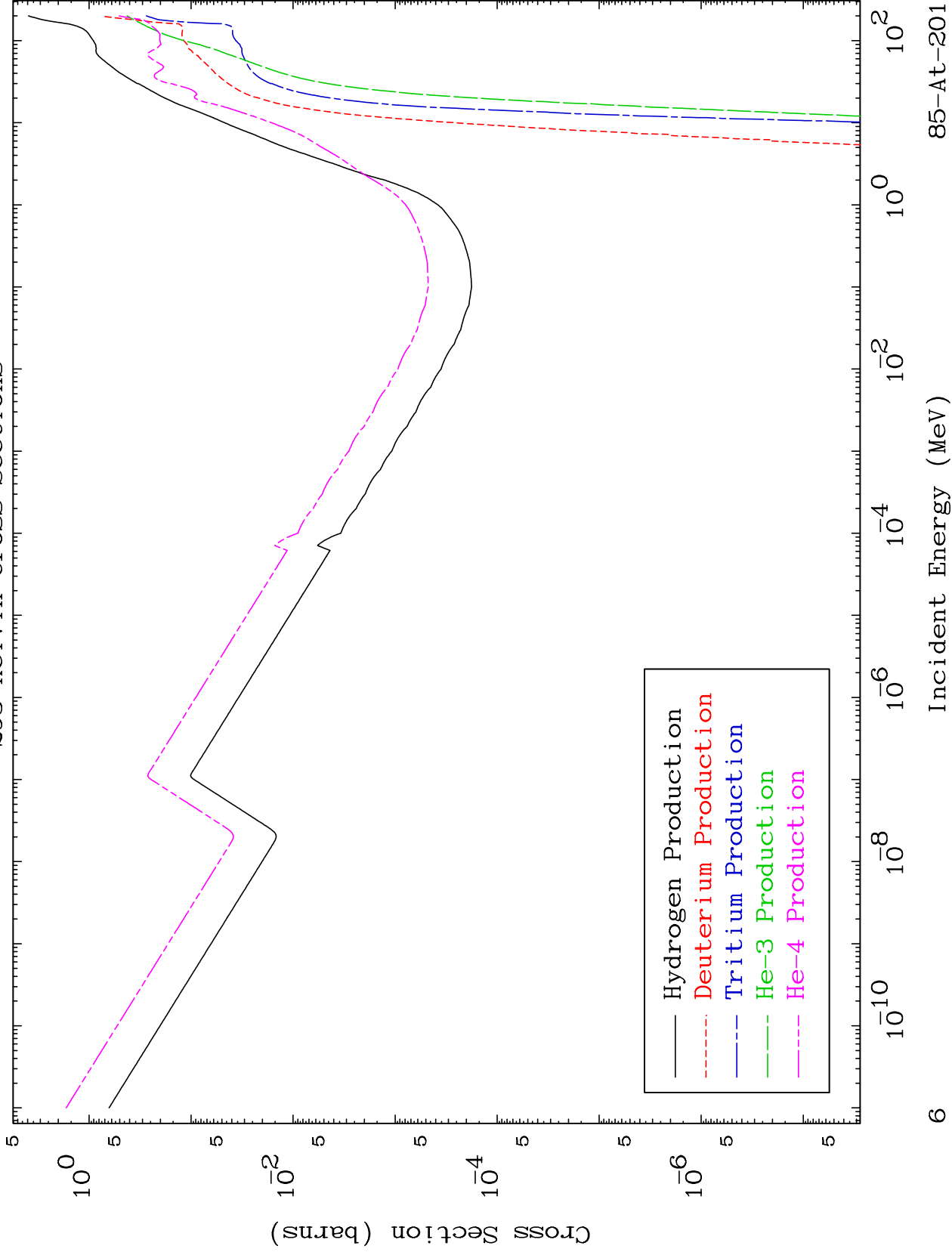


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MAT 8519

Particle Production
293 Kelvin Cross Sections

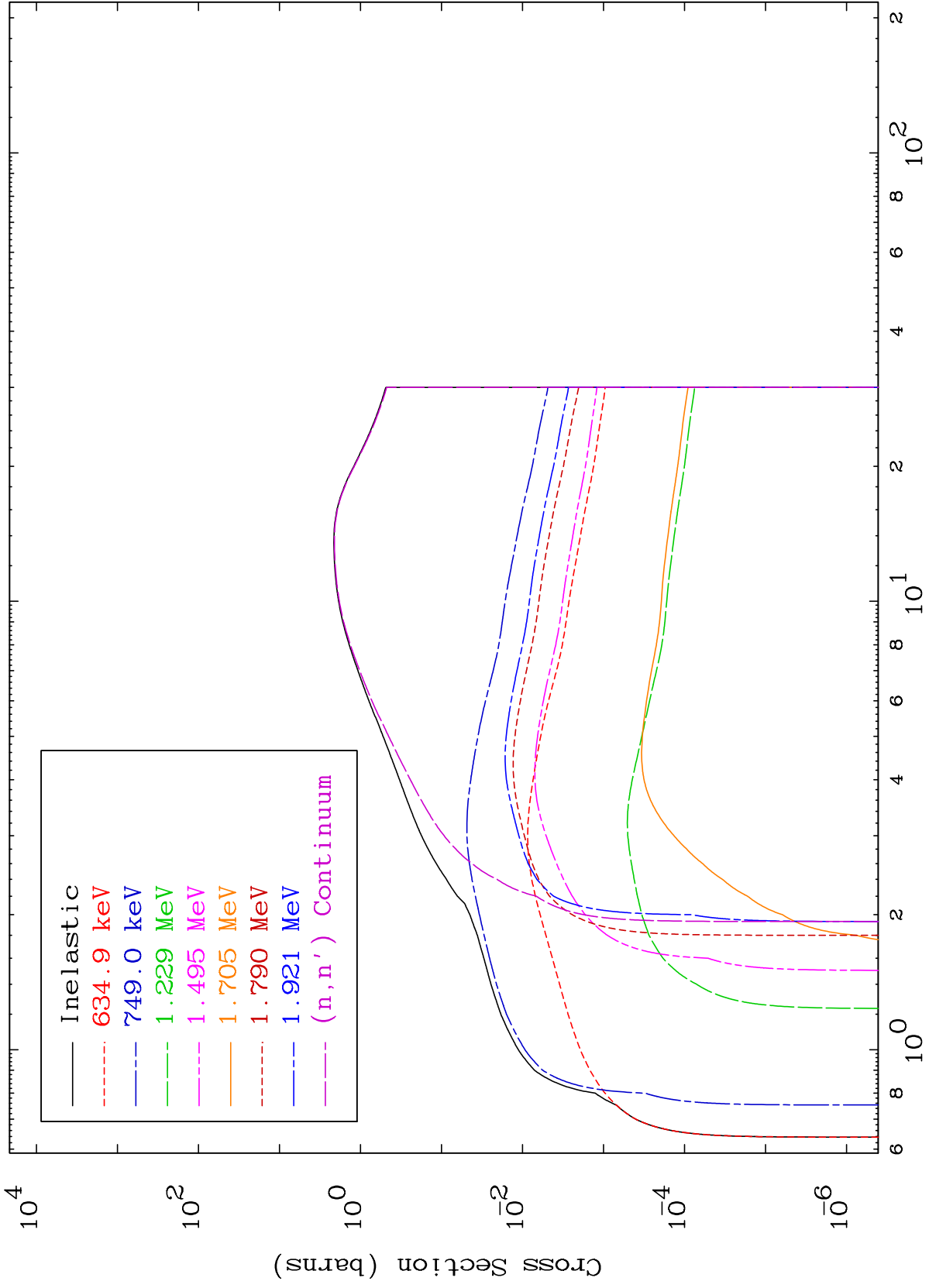
85-At-201



MAT 8519

(n,n') Level
293 Kelvin Cross Sections

85-At-201



7

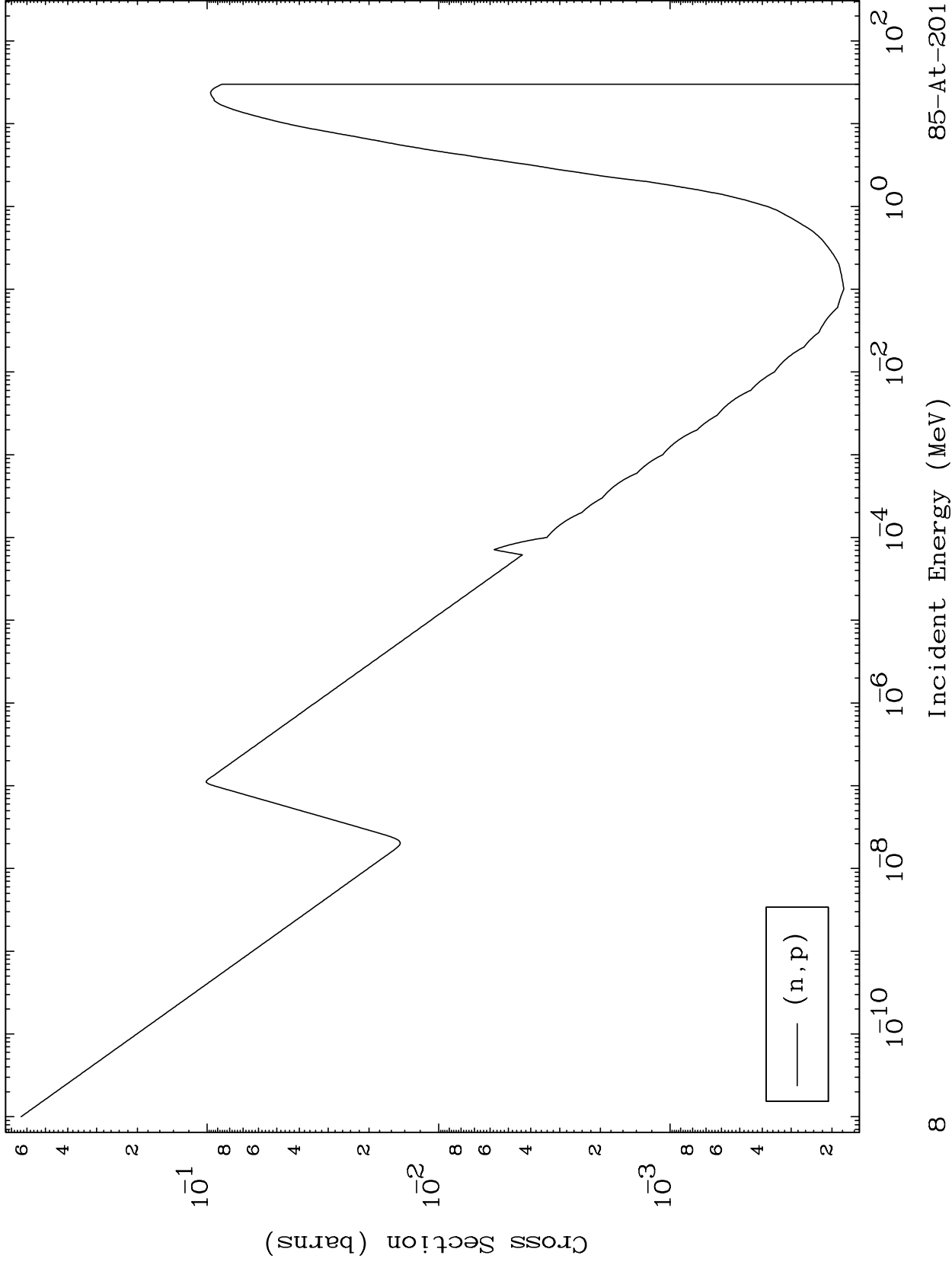
Incident Energy (MeV)

85-At-201

MAT 8519

(n,p) Levels
293 Kelvin Cross Sections

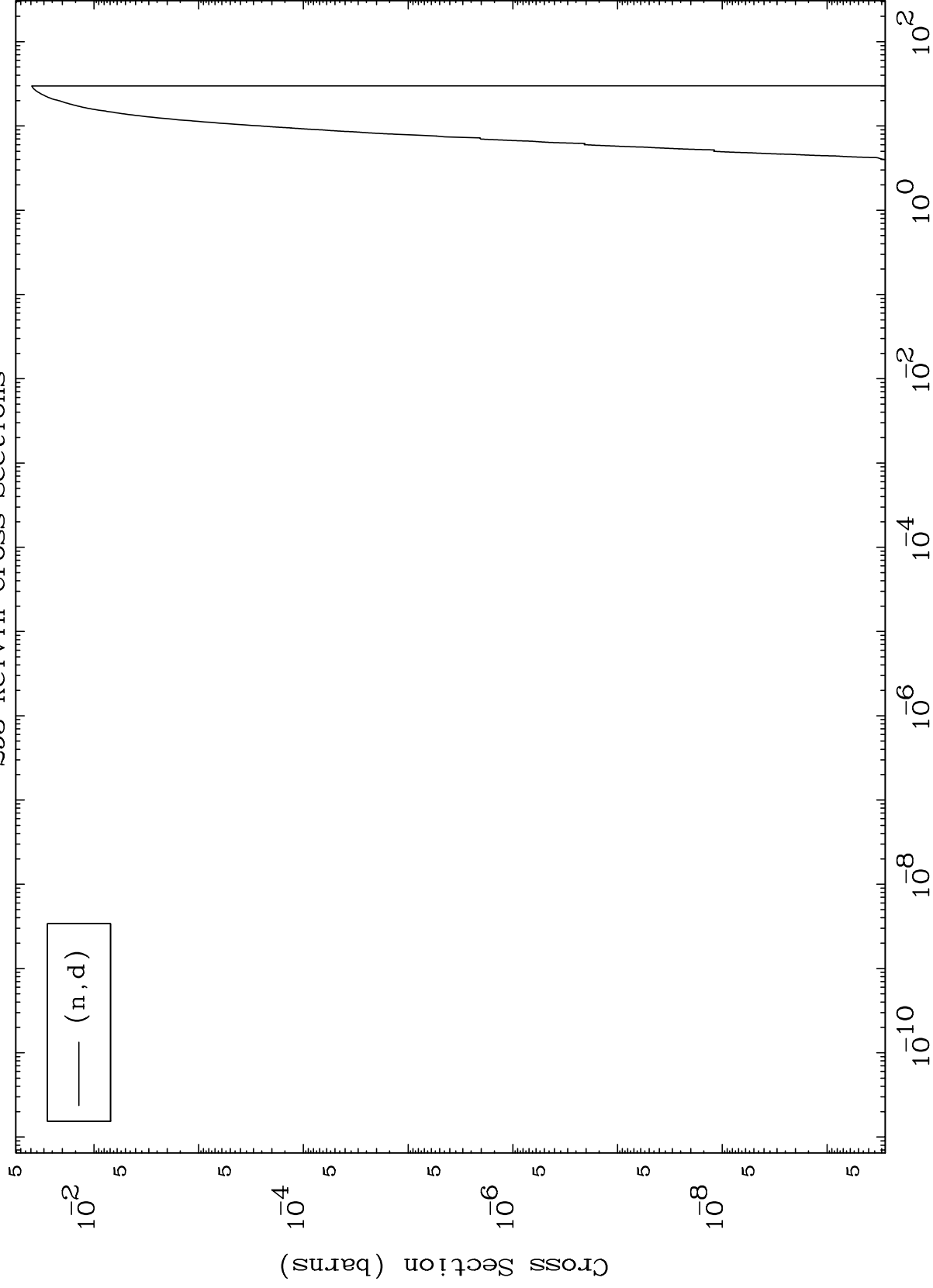
85-At-201



MAT 8519

(n,d) Levels
293 Kelvin Cross Sections

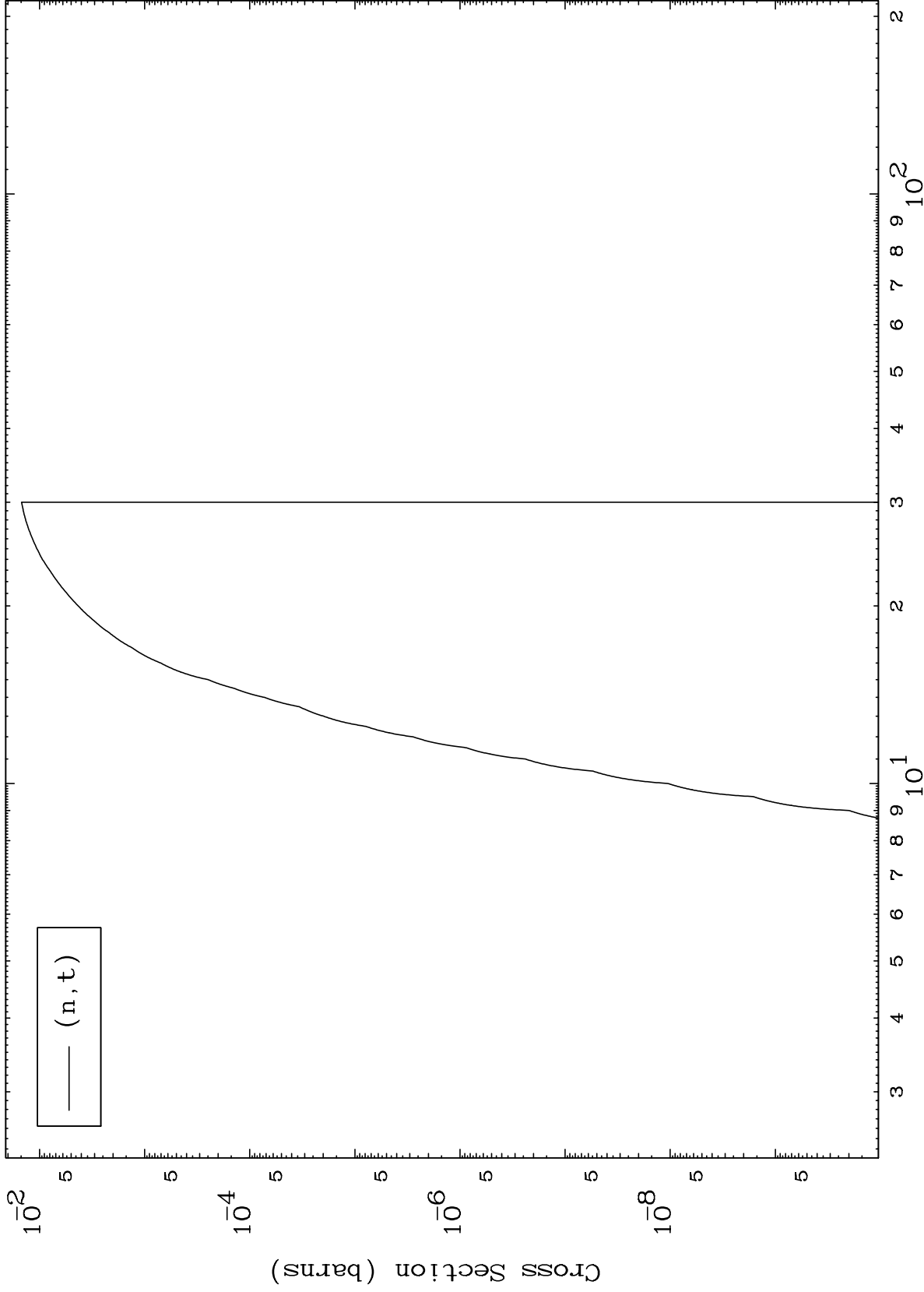
85-At-201



MAT 8519

(n,t) Levels
293 Kelvin Cross Sections

85-At-201



10

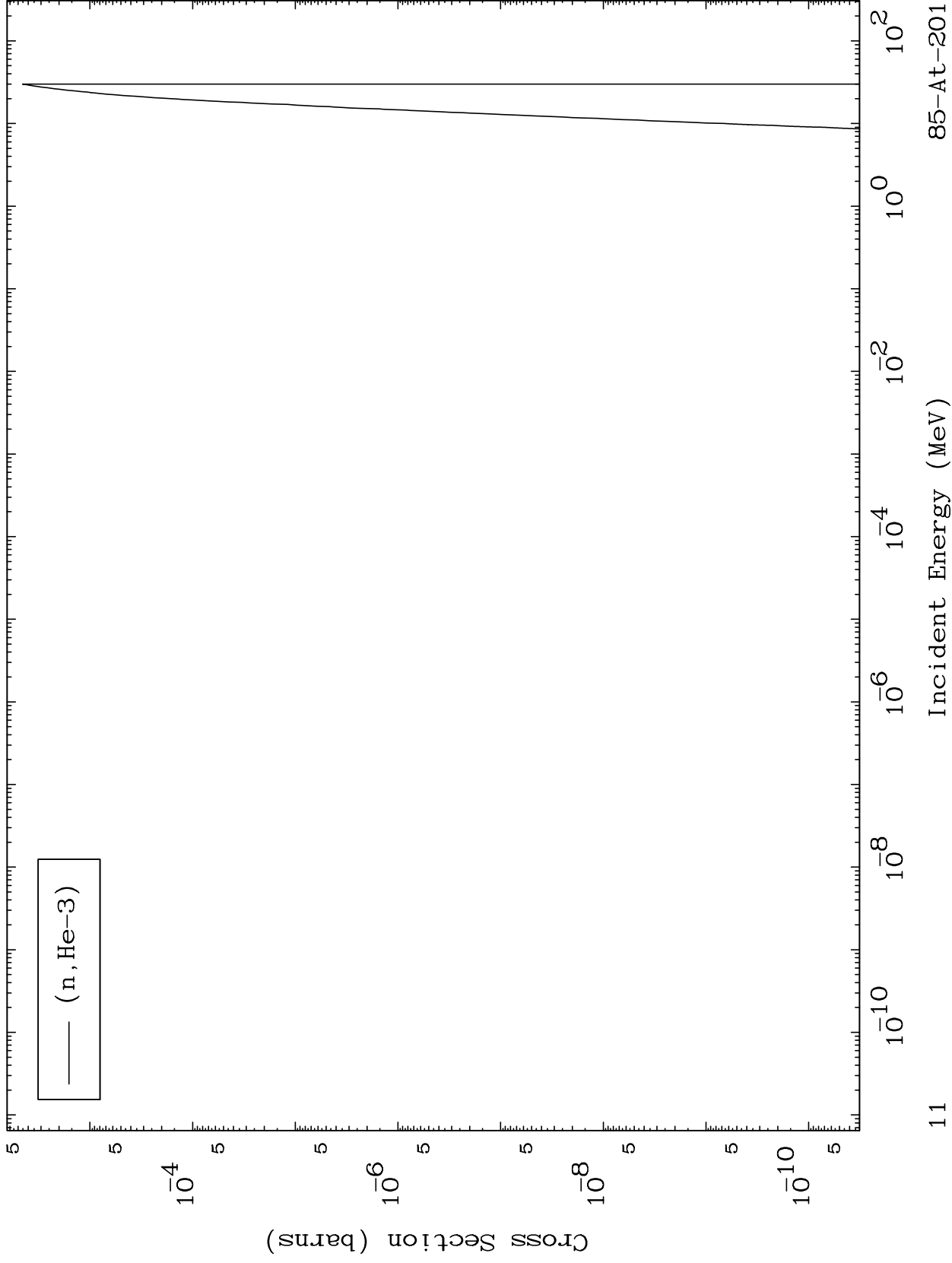
Incident Energy (MeV)

85-At-201

MAT 8519

(n,He3) Levels
293 Kelvin Cross Sections

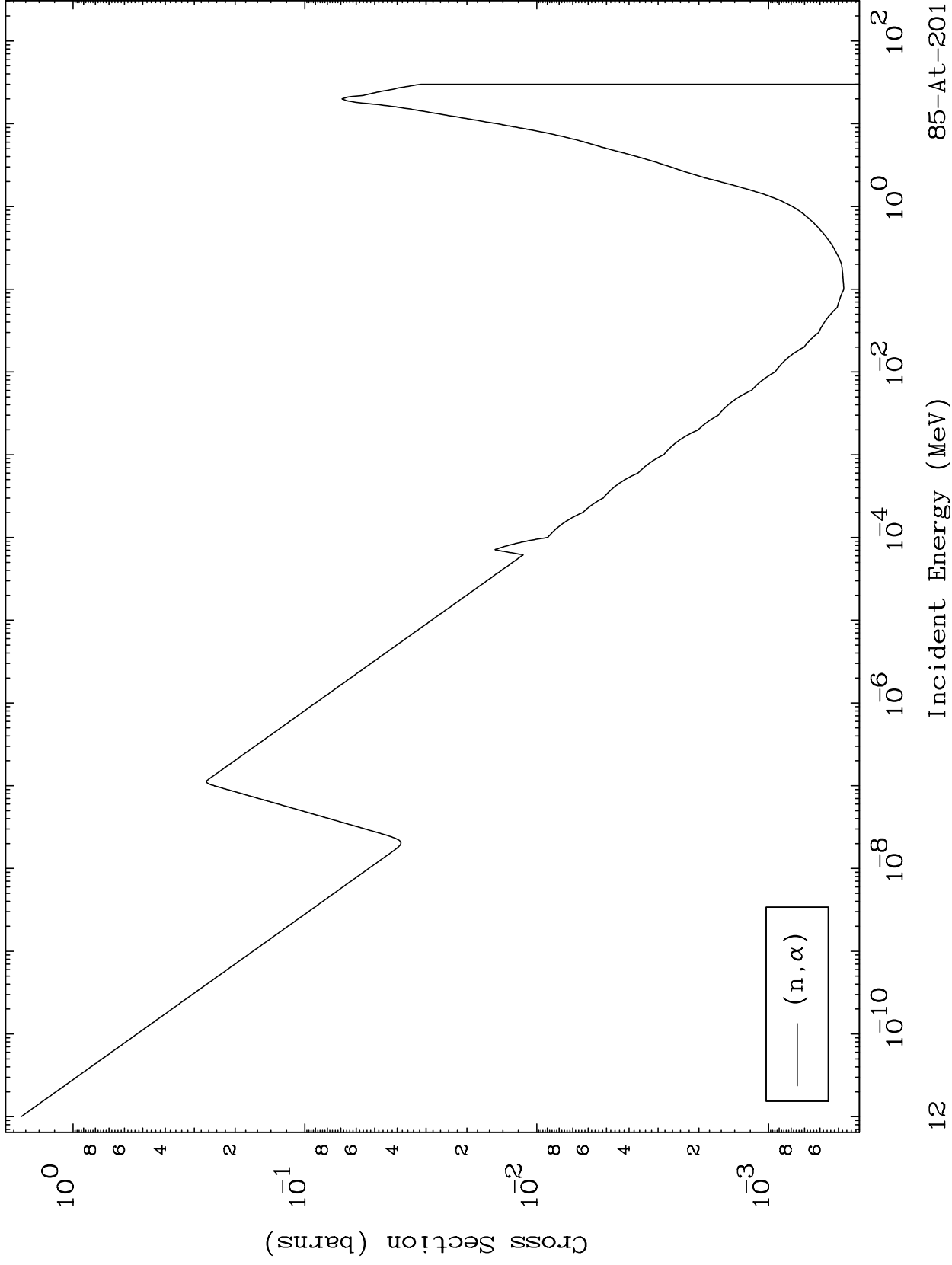
85-At-201



MAT 8519

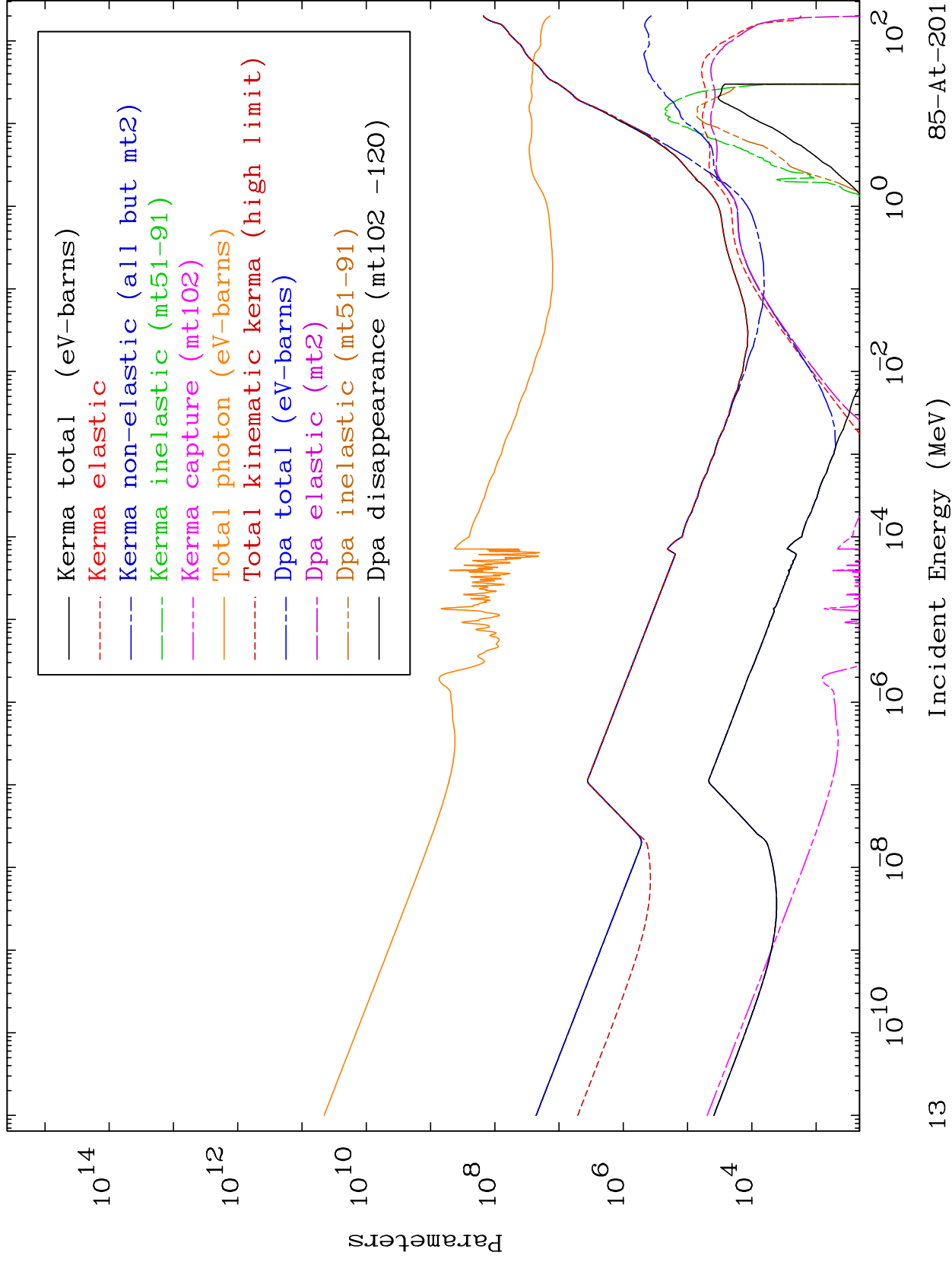
(n,α) Levels
293 Kelvin Cross Sections

85-At-201



12

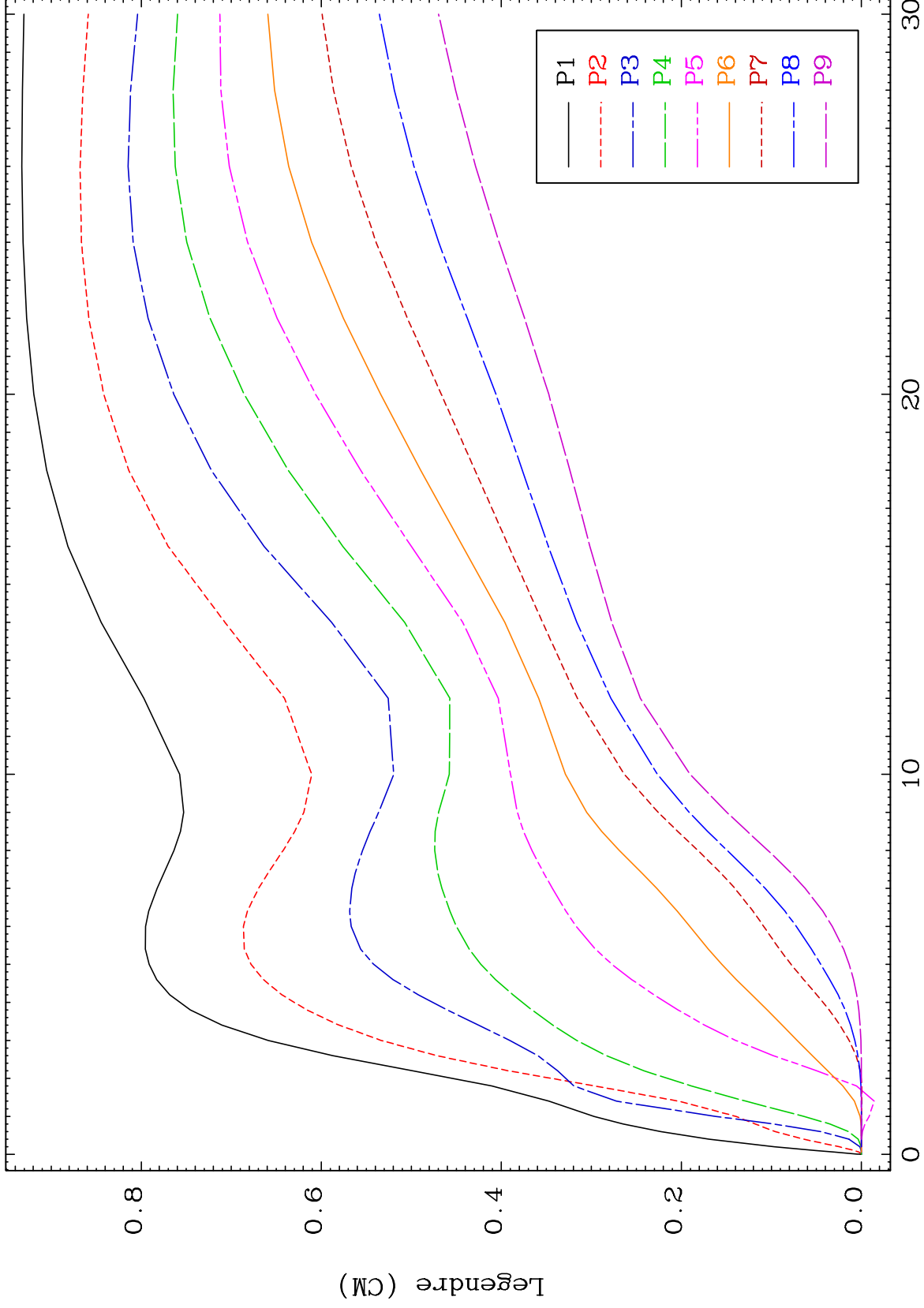
85-At-201



MAT 8519

85-At-201

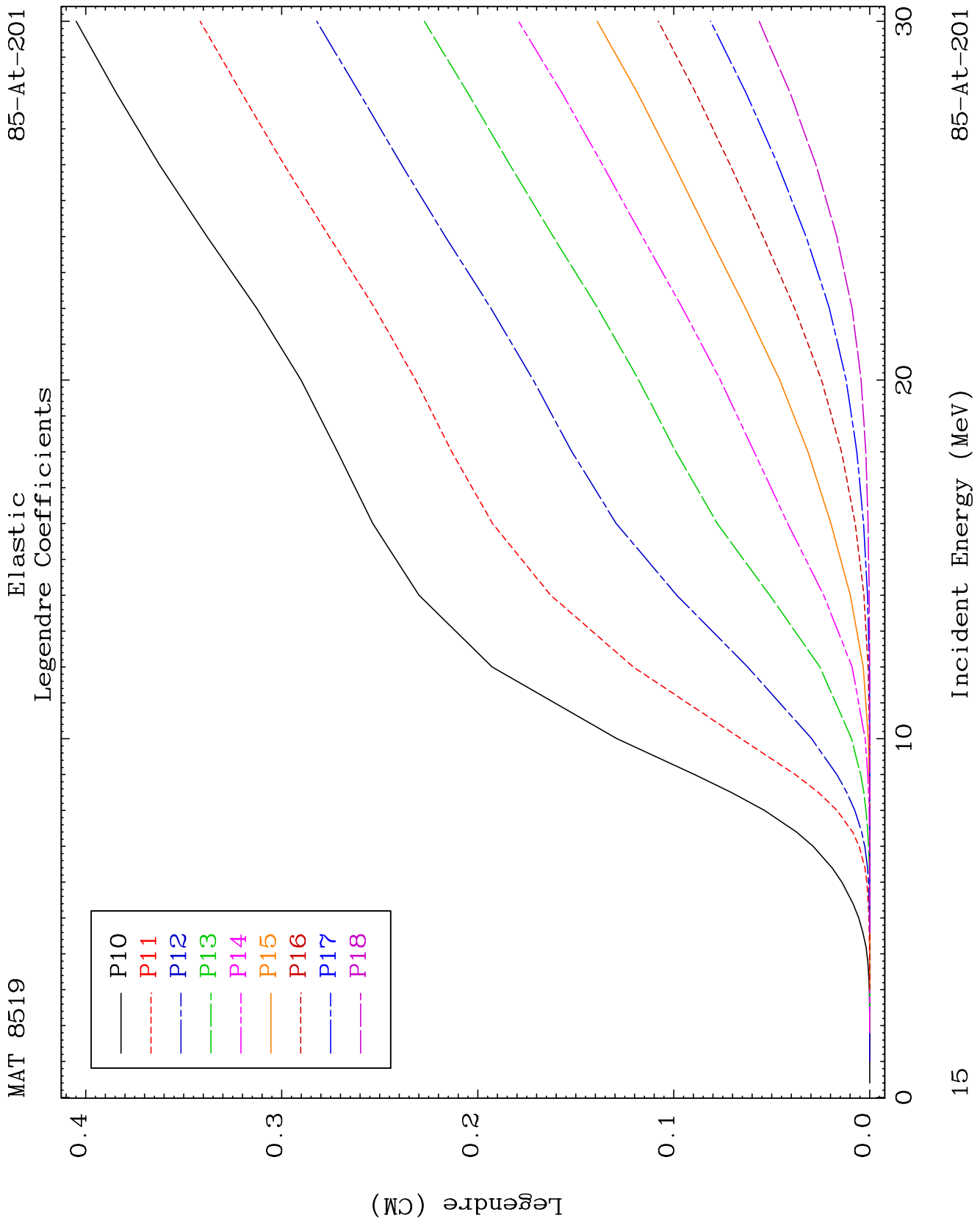
Elastic Legendre Coefficients



14

Incident Energy (MeV)

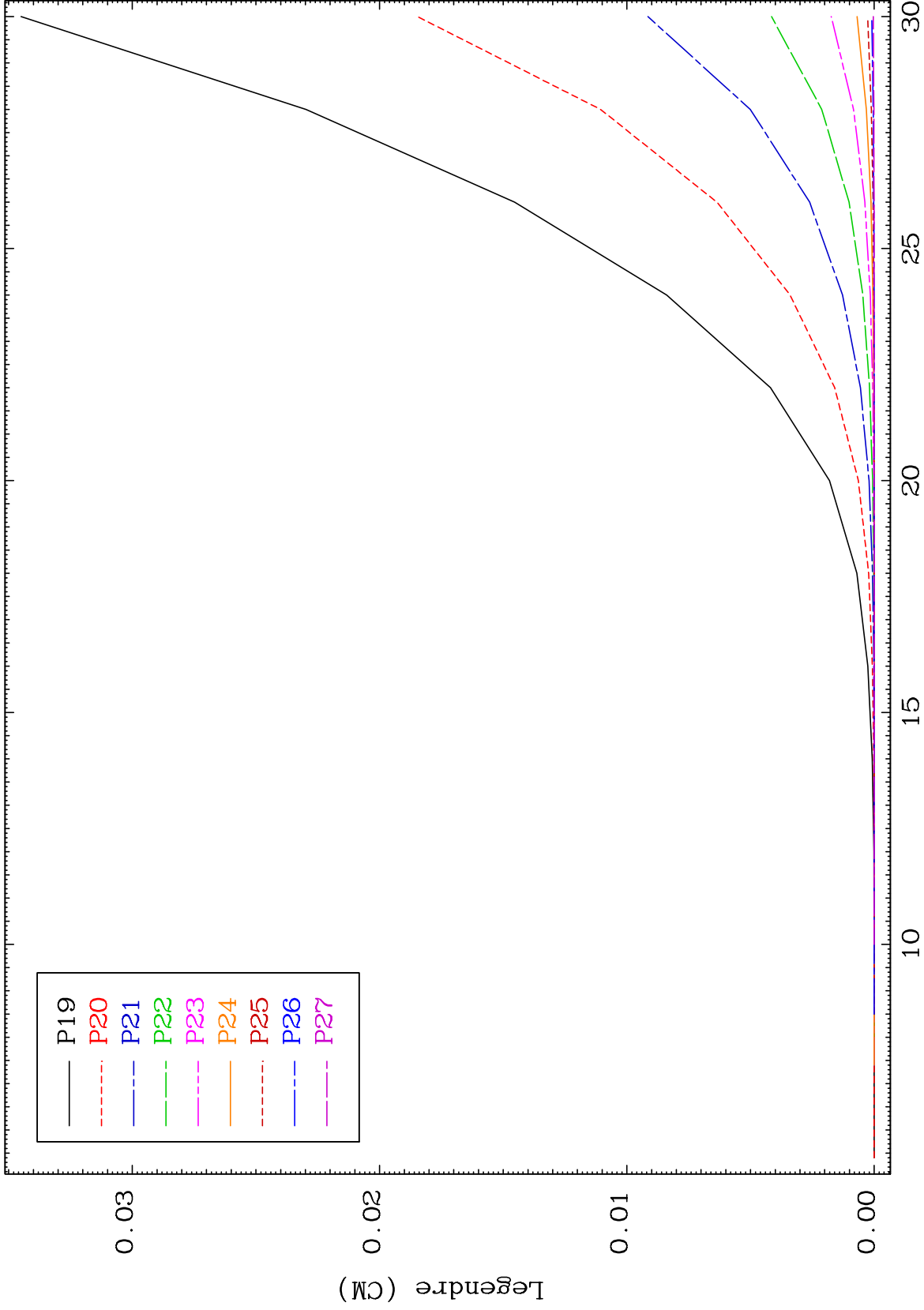
85-At-201



MAT 8519

Elastic
Legendre Coefficients

85-At-201



16

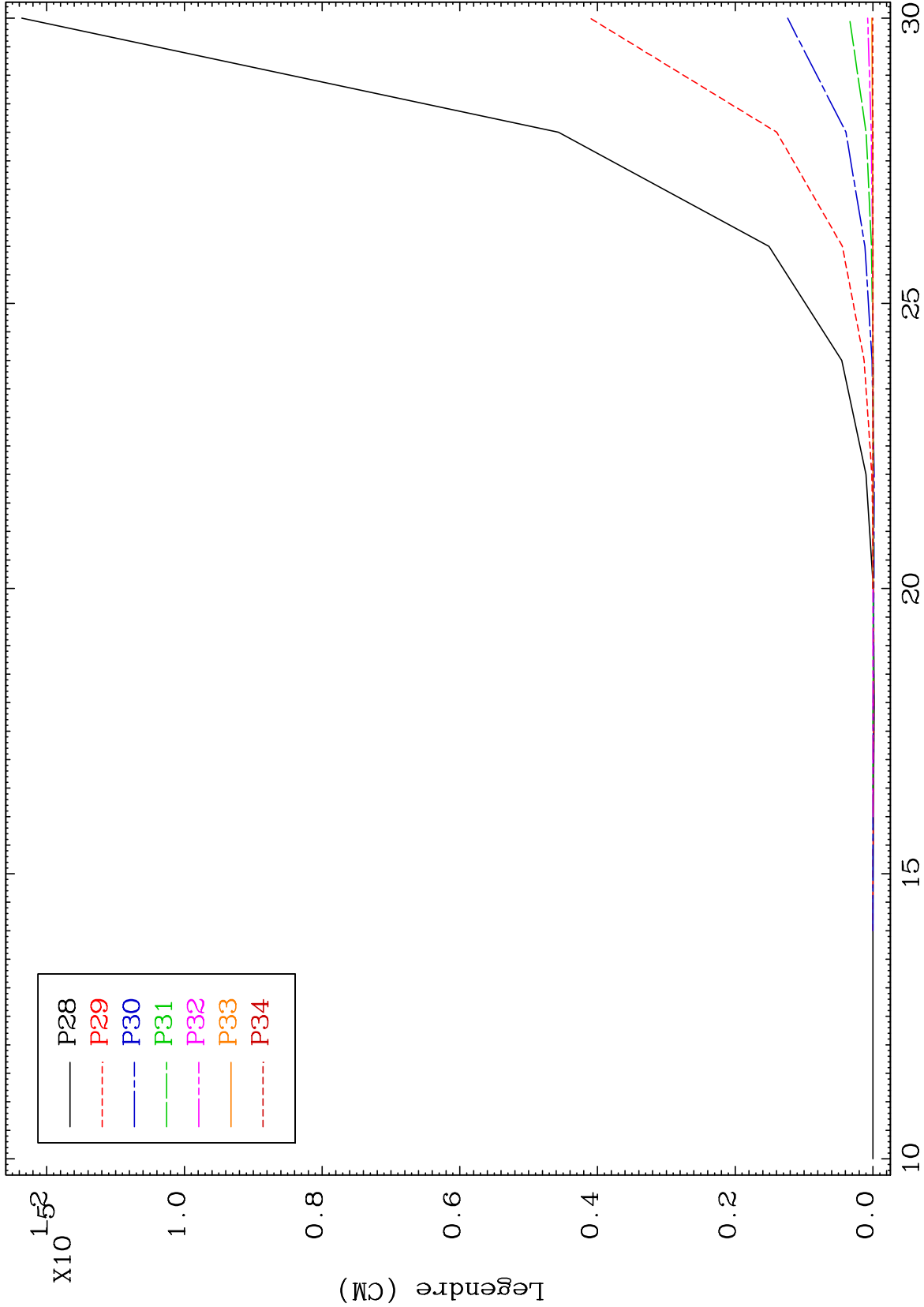
Incident Energy (MeV)

85-At-201

MAT 8519

Elastic Legendre Coefficients

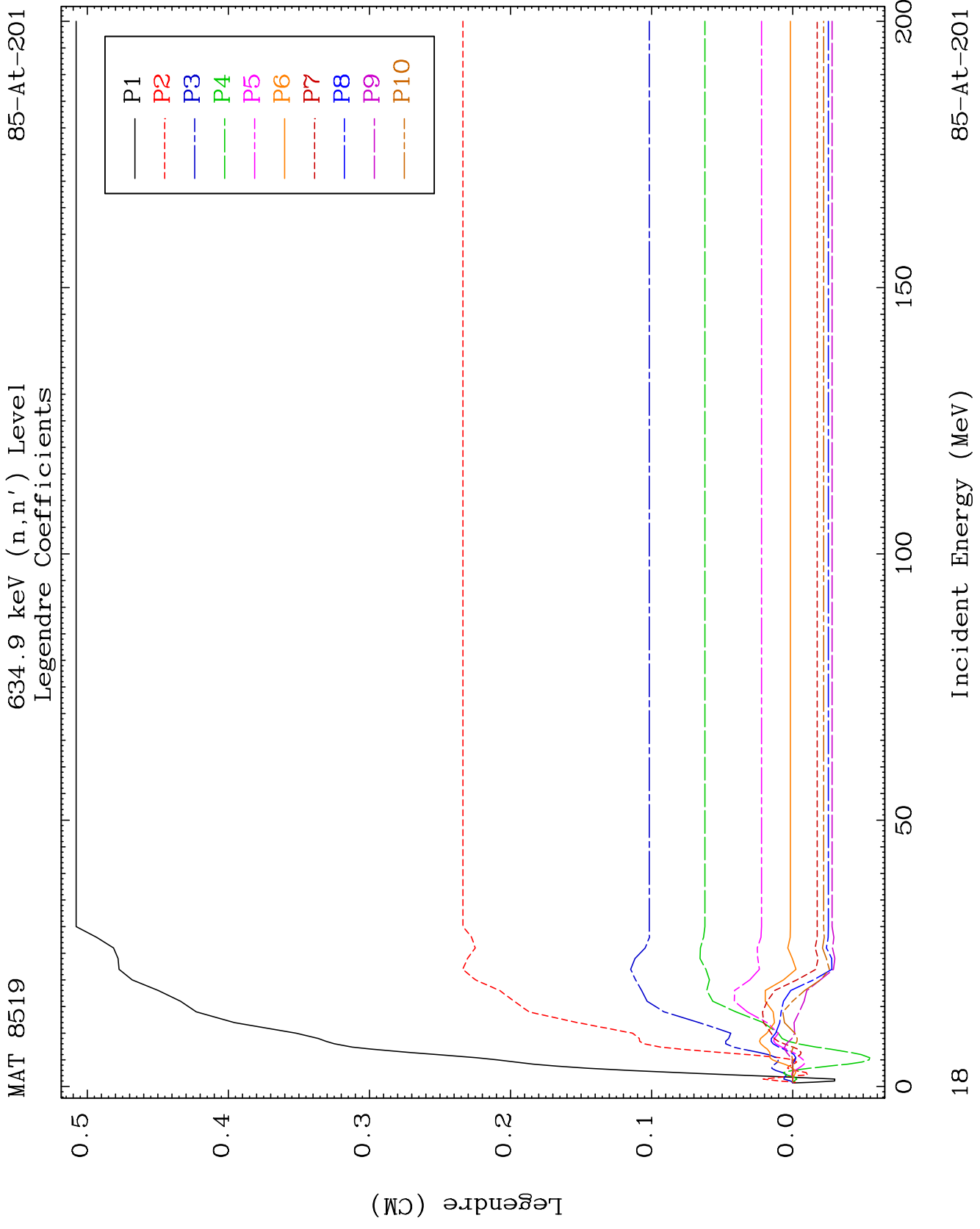
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17

Incident Energy (MeV)

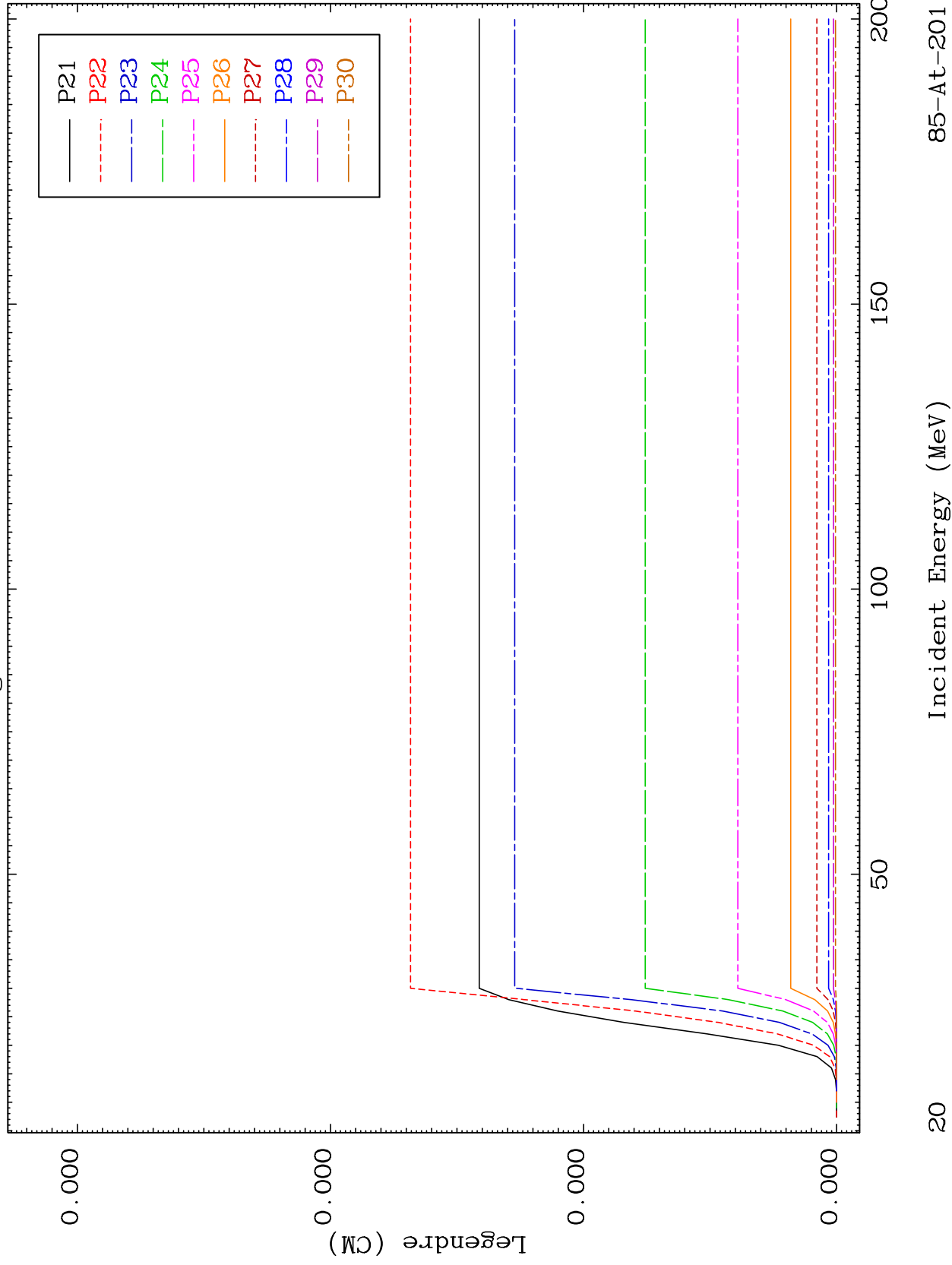
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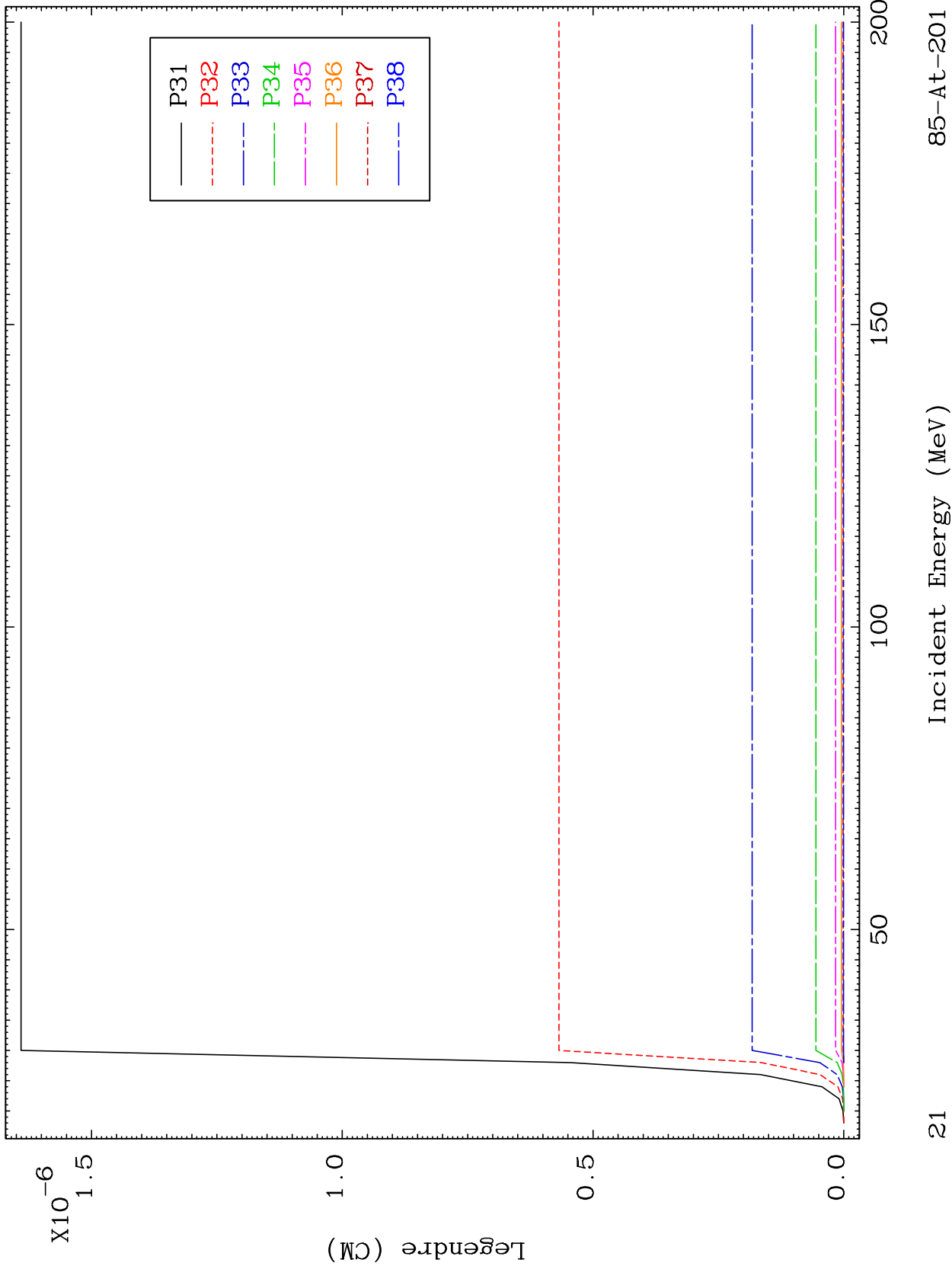


MAT 8519

634.9 keV (n,n') Level
Legendre Coefficients

85-At-201

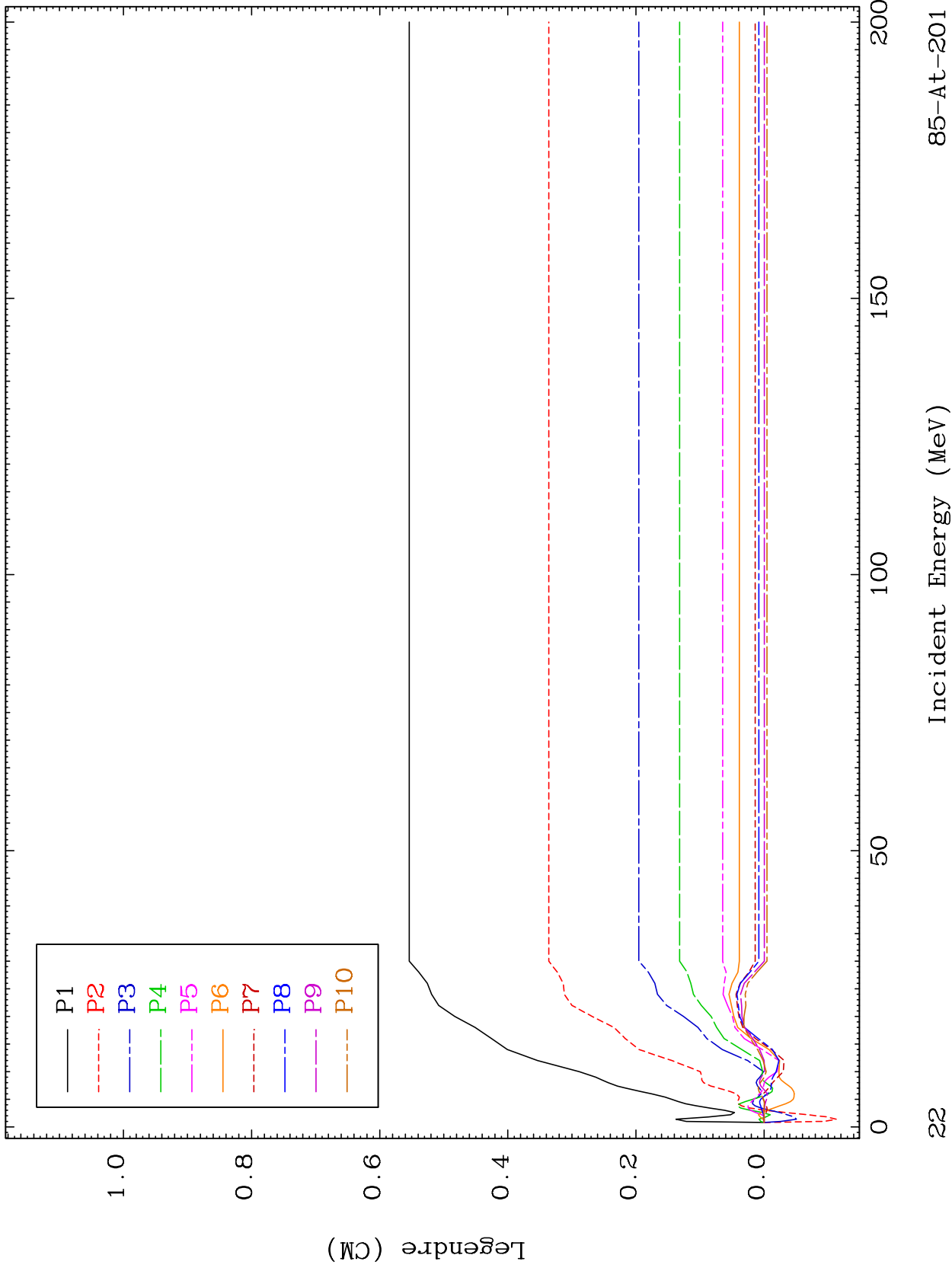




MAT 8519

749.0 keV (n,n') Level
Legendre Coefficients

85-At-201



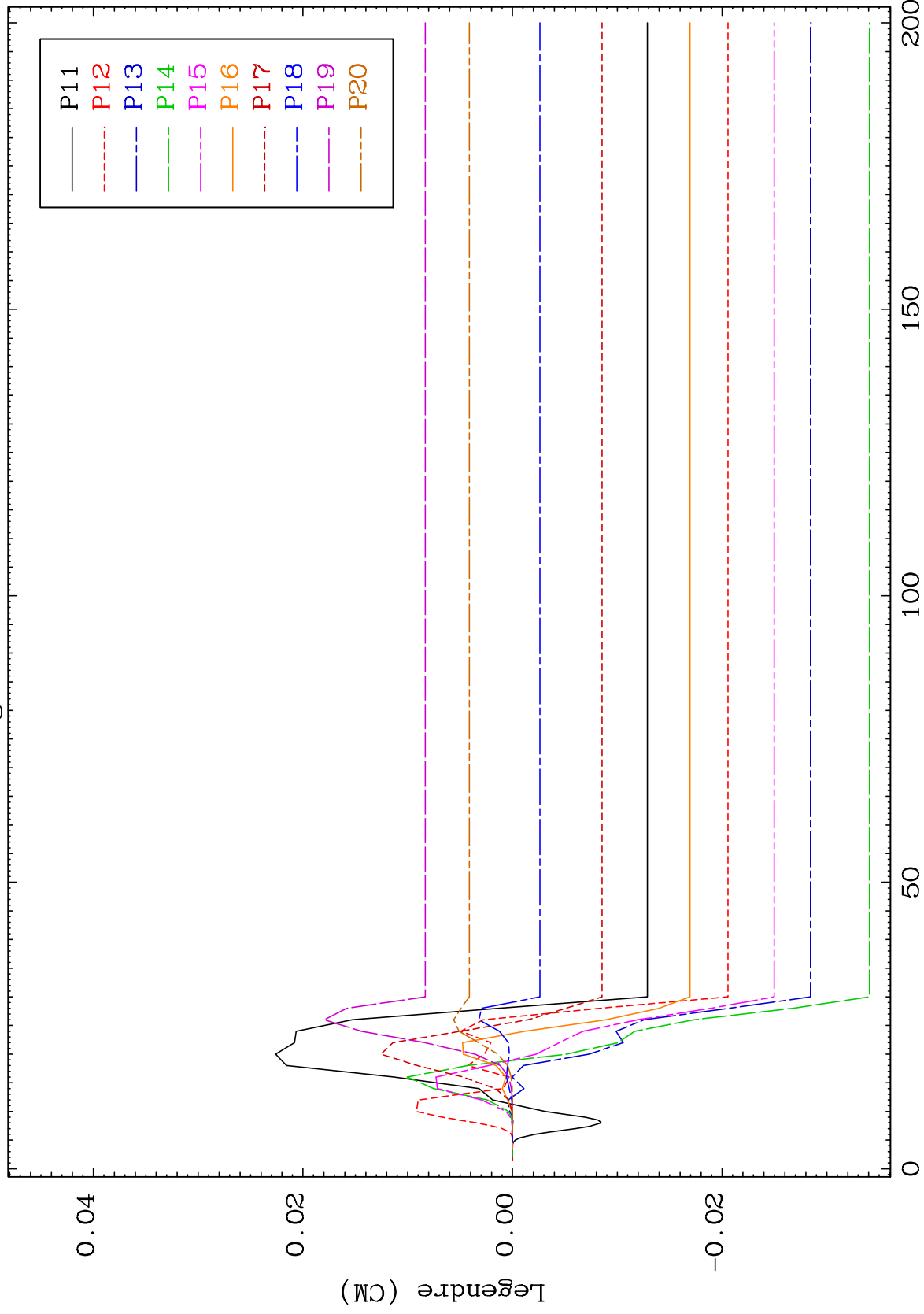
22

85-At-201

MAT 8519

749.0 keV (n,n') Level
Legendre Coefficients

85-At-201



23

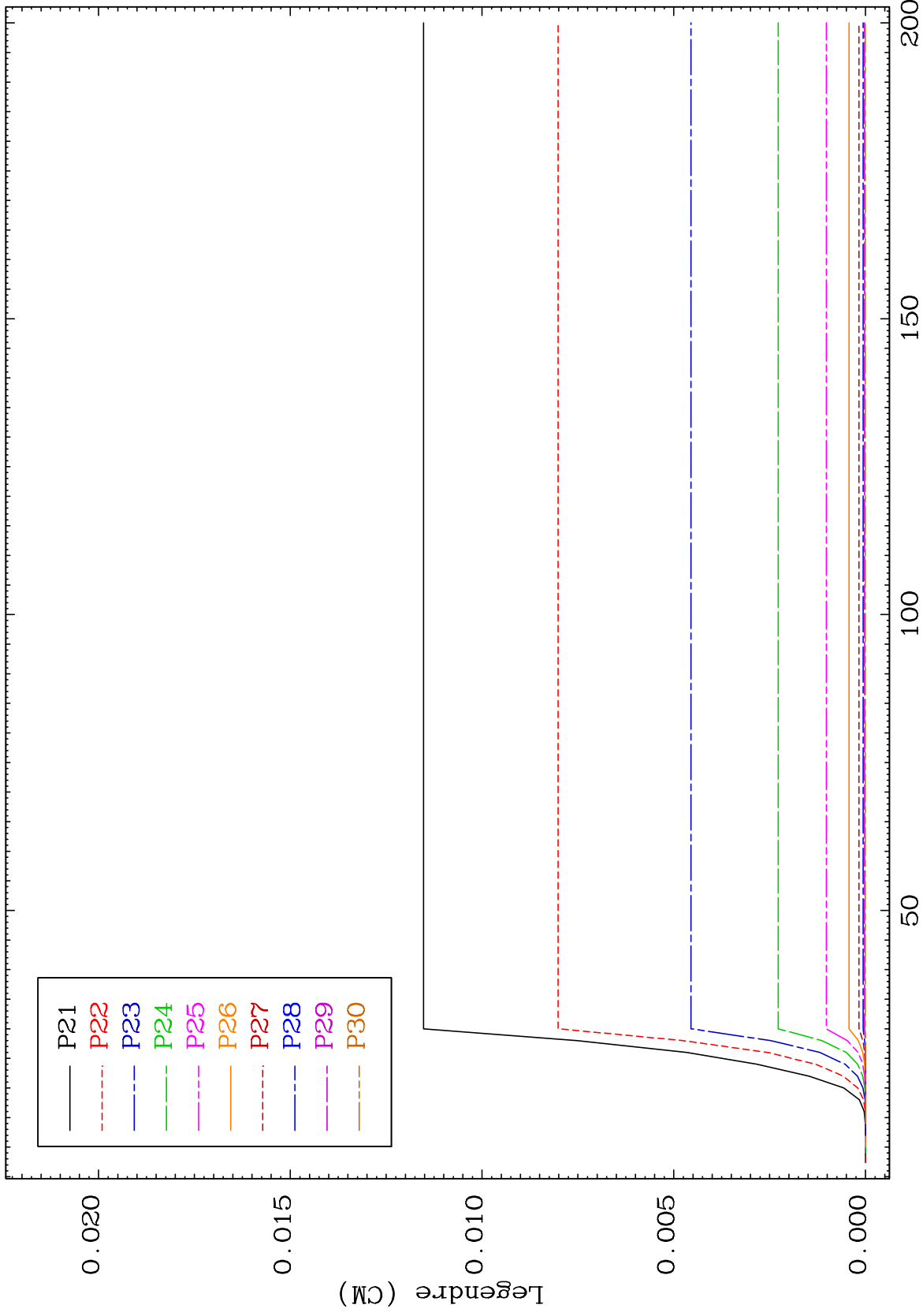
Incident Energy (MeV)

85-At-201

MAT 8519

749.0 keV (n,n') Level
Legendre Coefficients

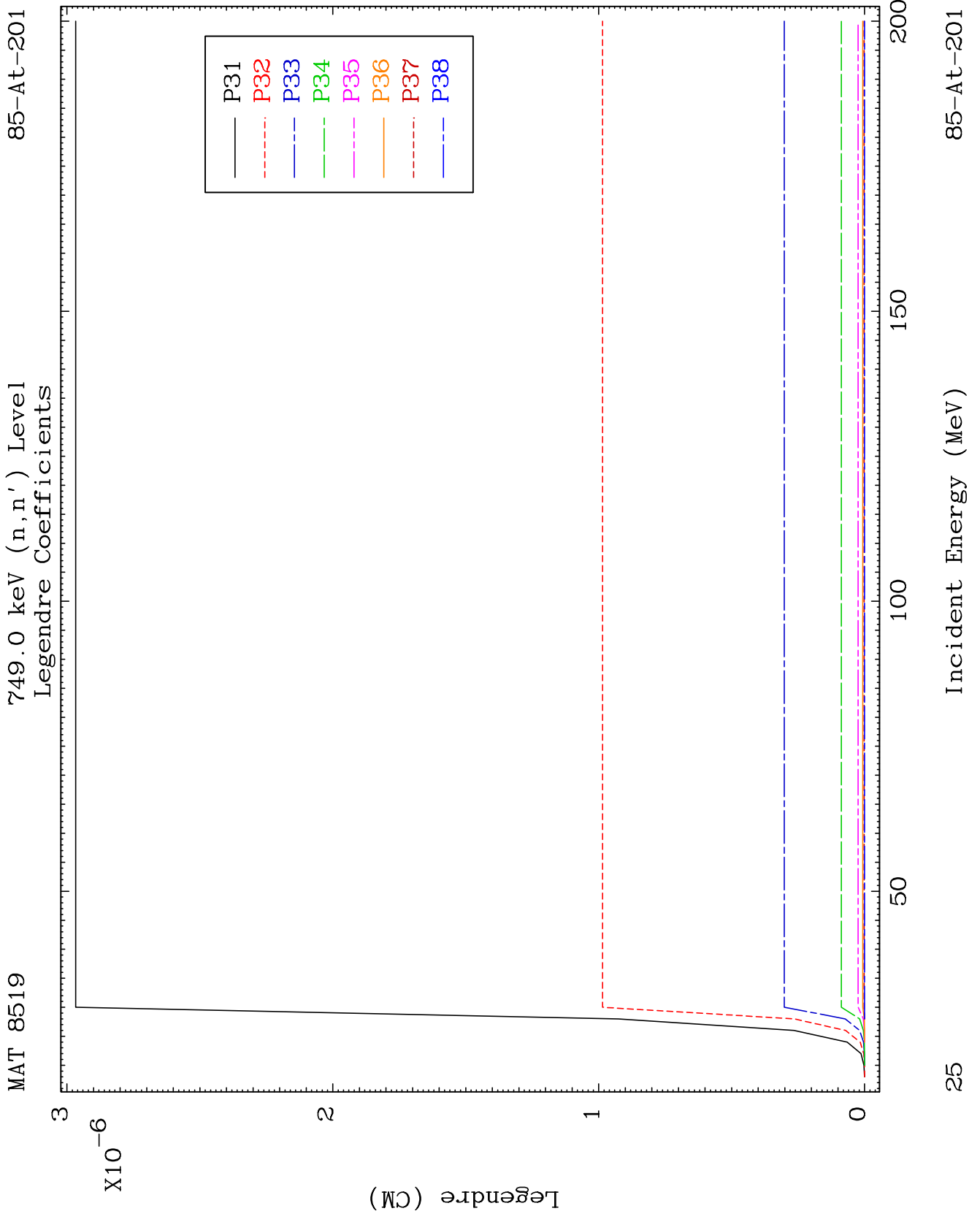
85-At-201



24

Incident Energy (MeV)

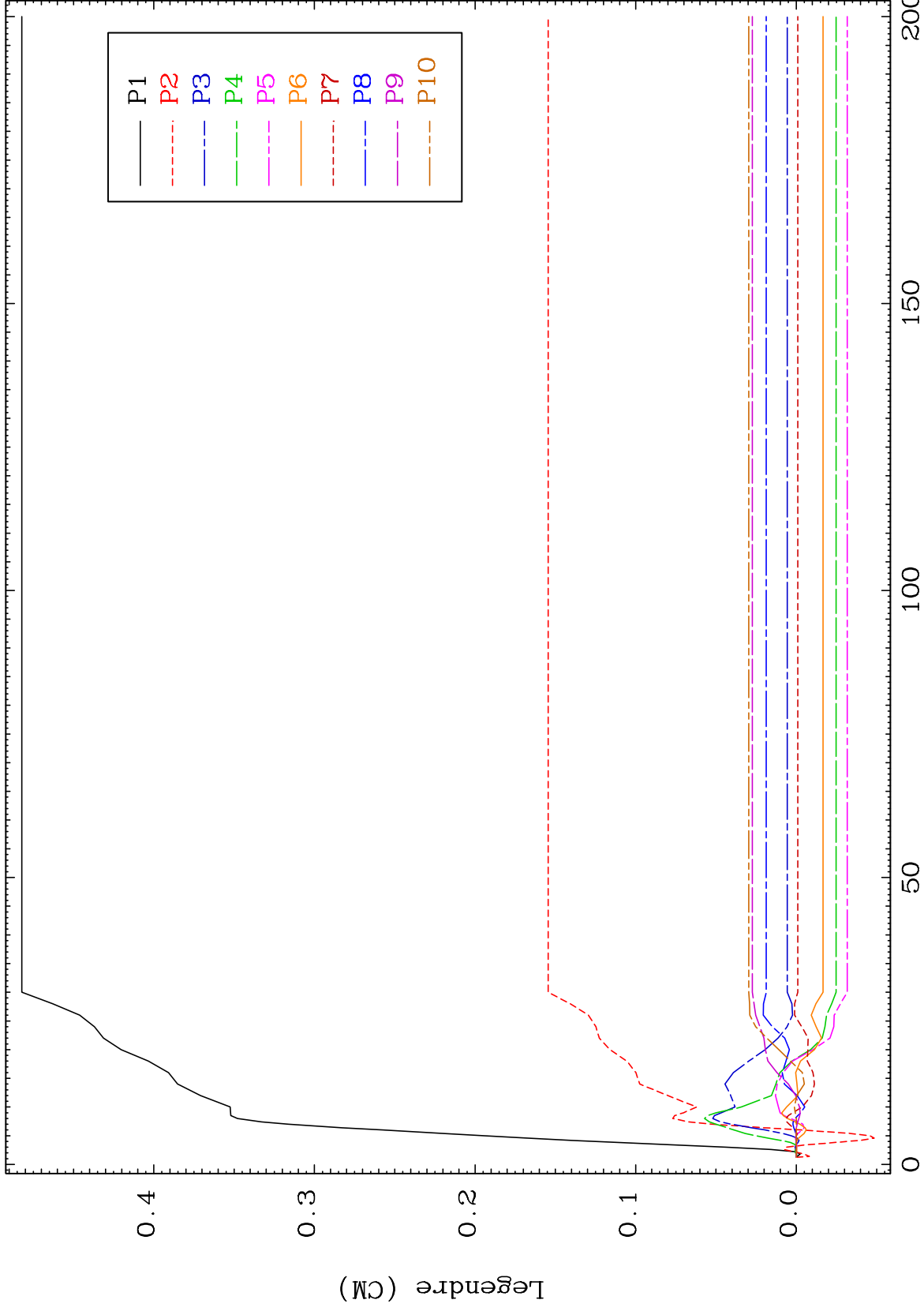
85-At-201



MAT 8519

1.229 MeV (n,n') Level
Legendre Coefficients

85-At-201



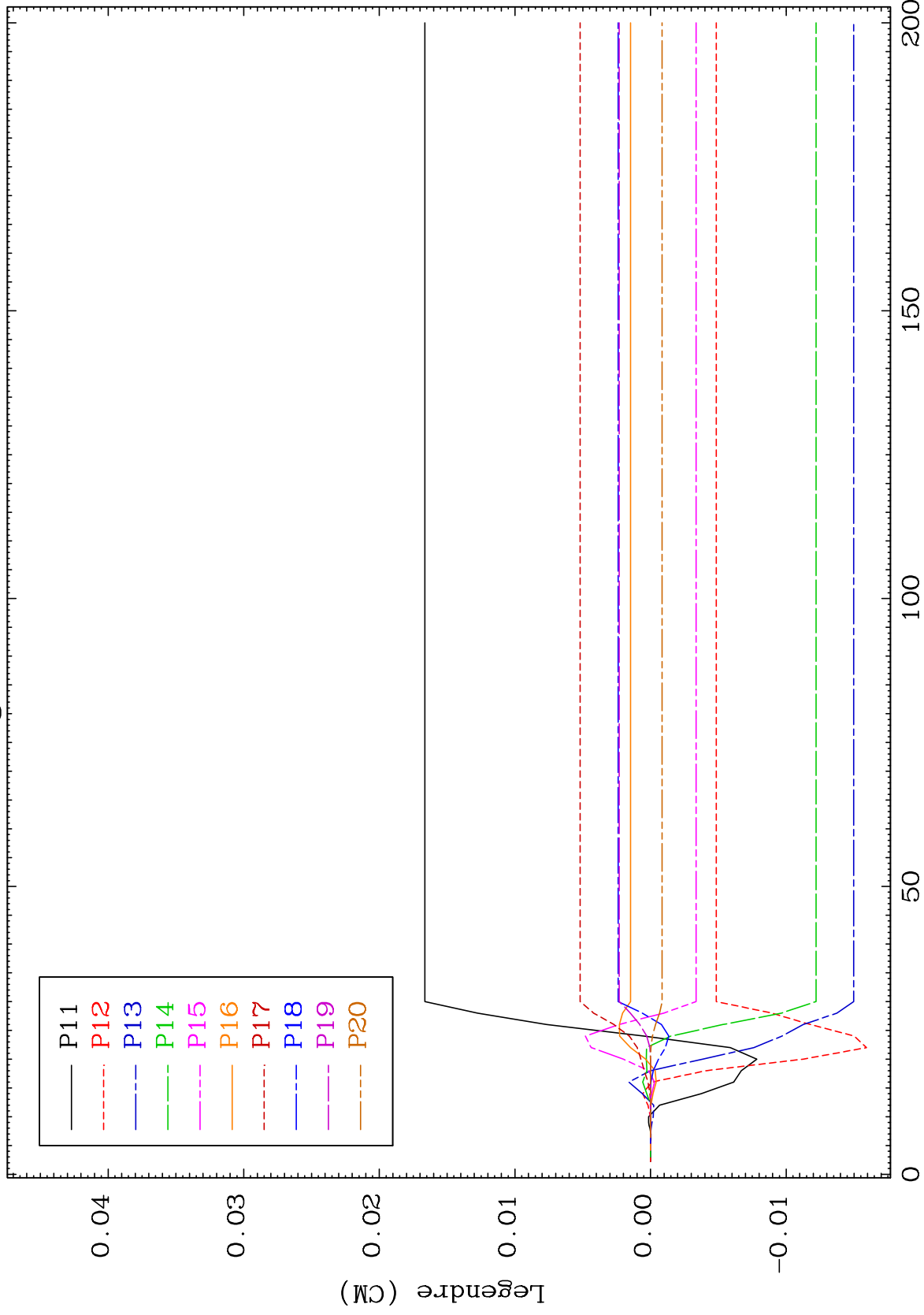
26

85-At-201

MAT 8519

1.229 MeV (n,n') Level
Legendre Coefficients

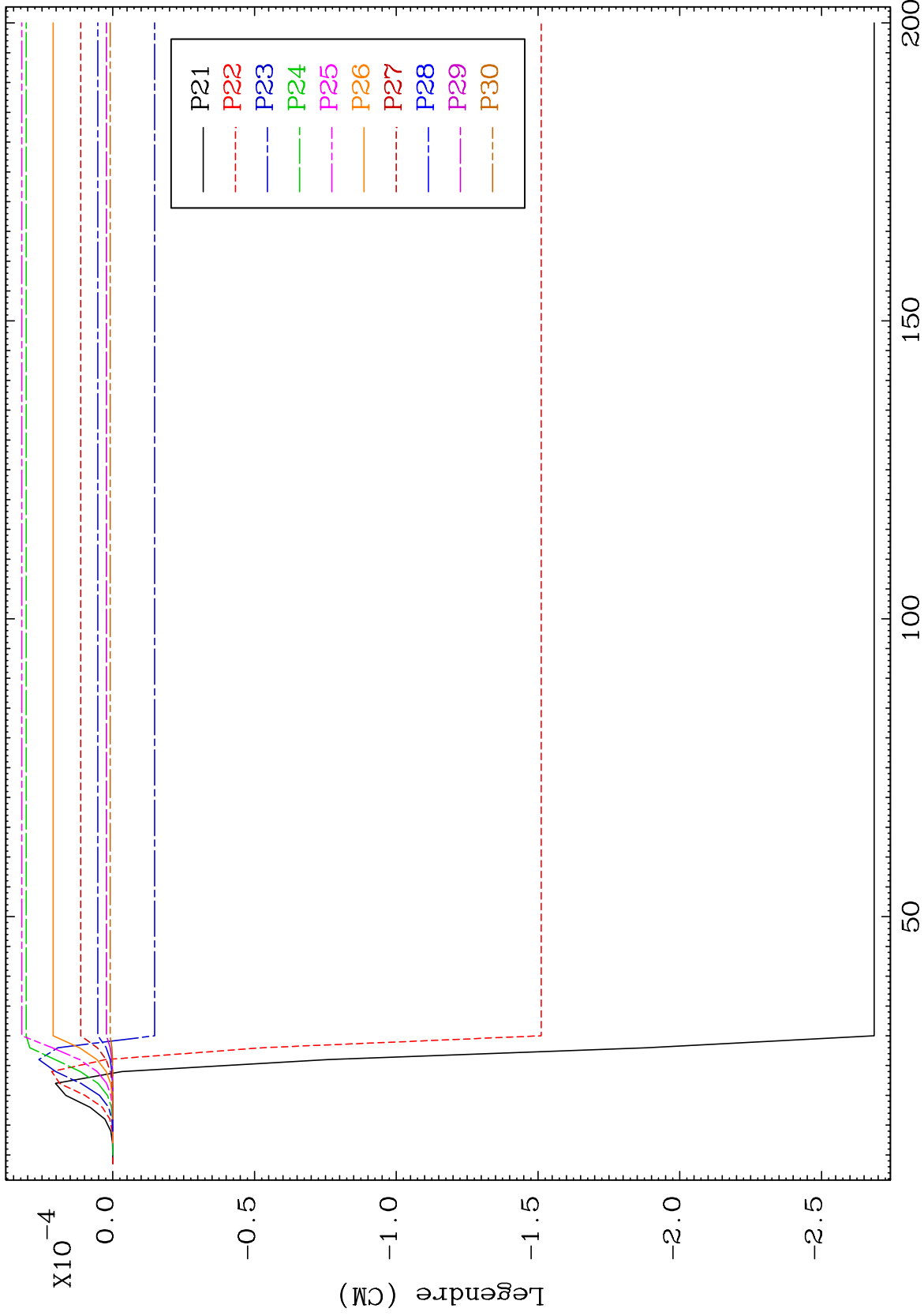
85-At-201



27

Incident Energy (MeV)

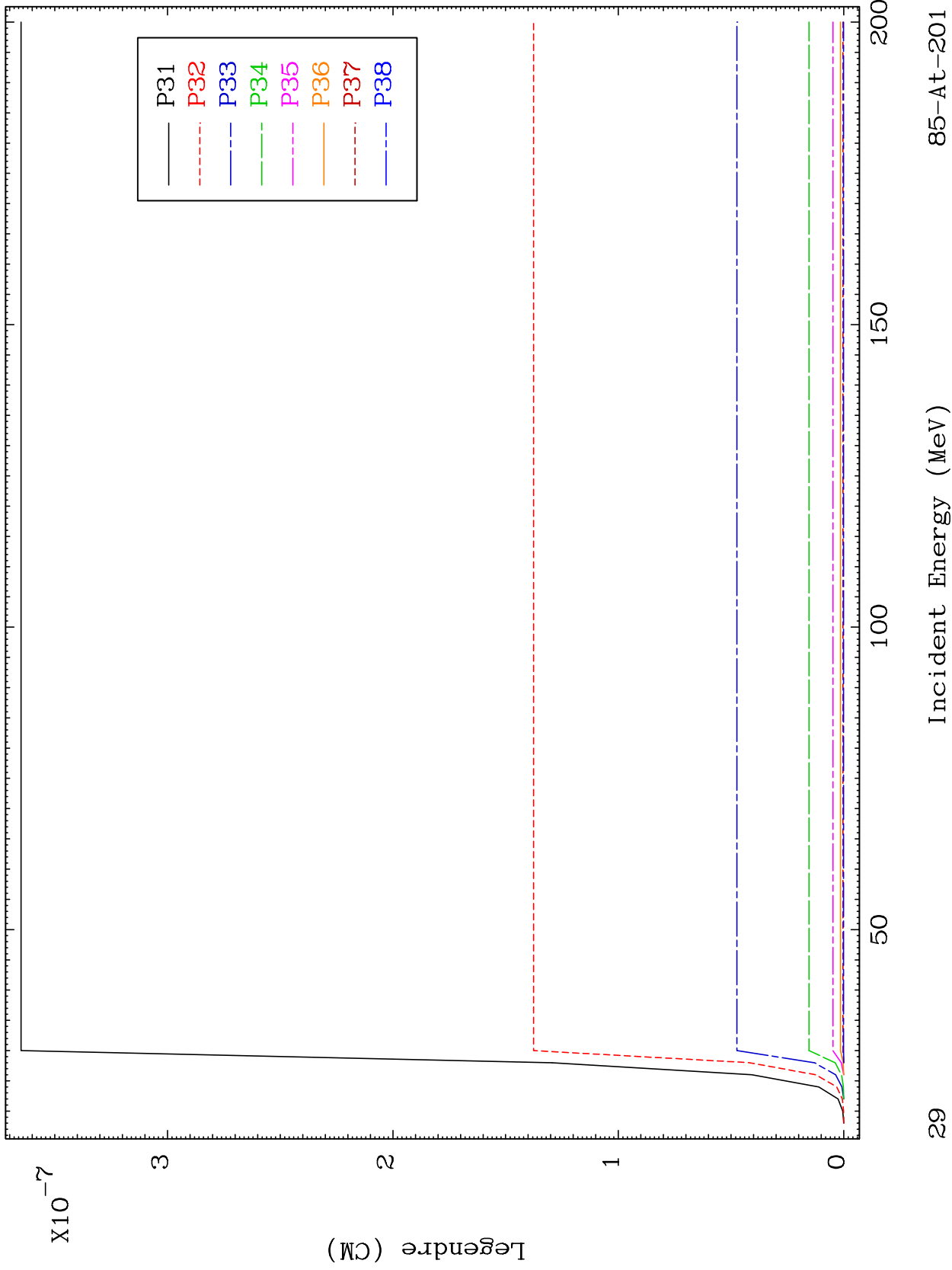
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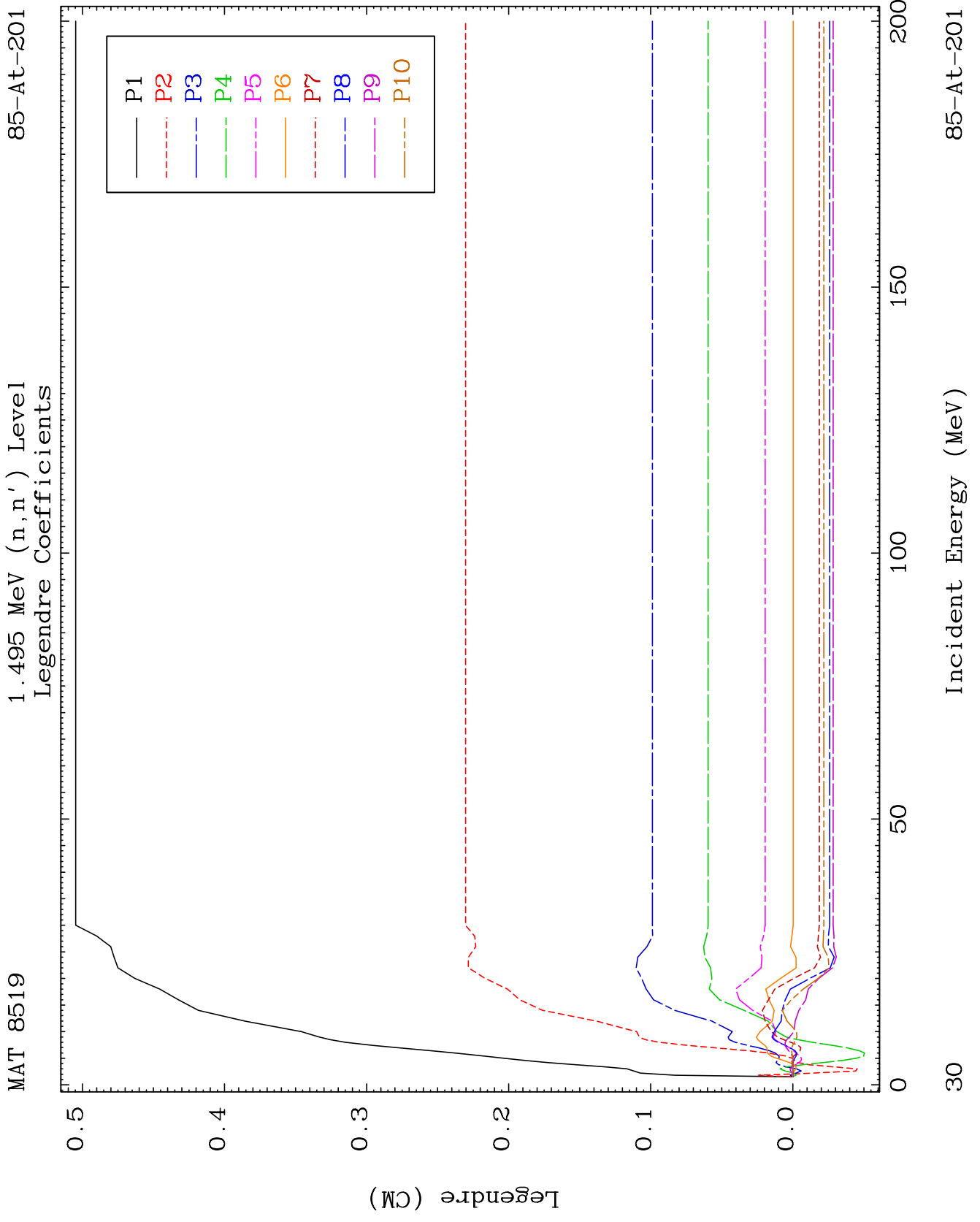


MAT 8519

1.229 MeV (n,n') Level
Legendre Coefficients

85-At-201

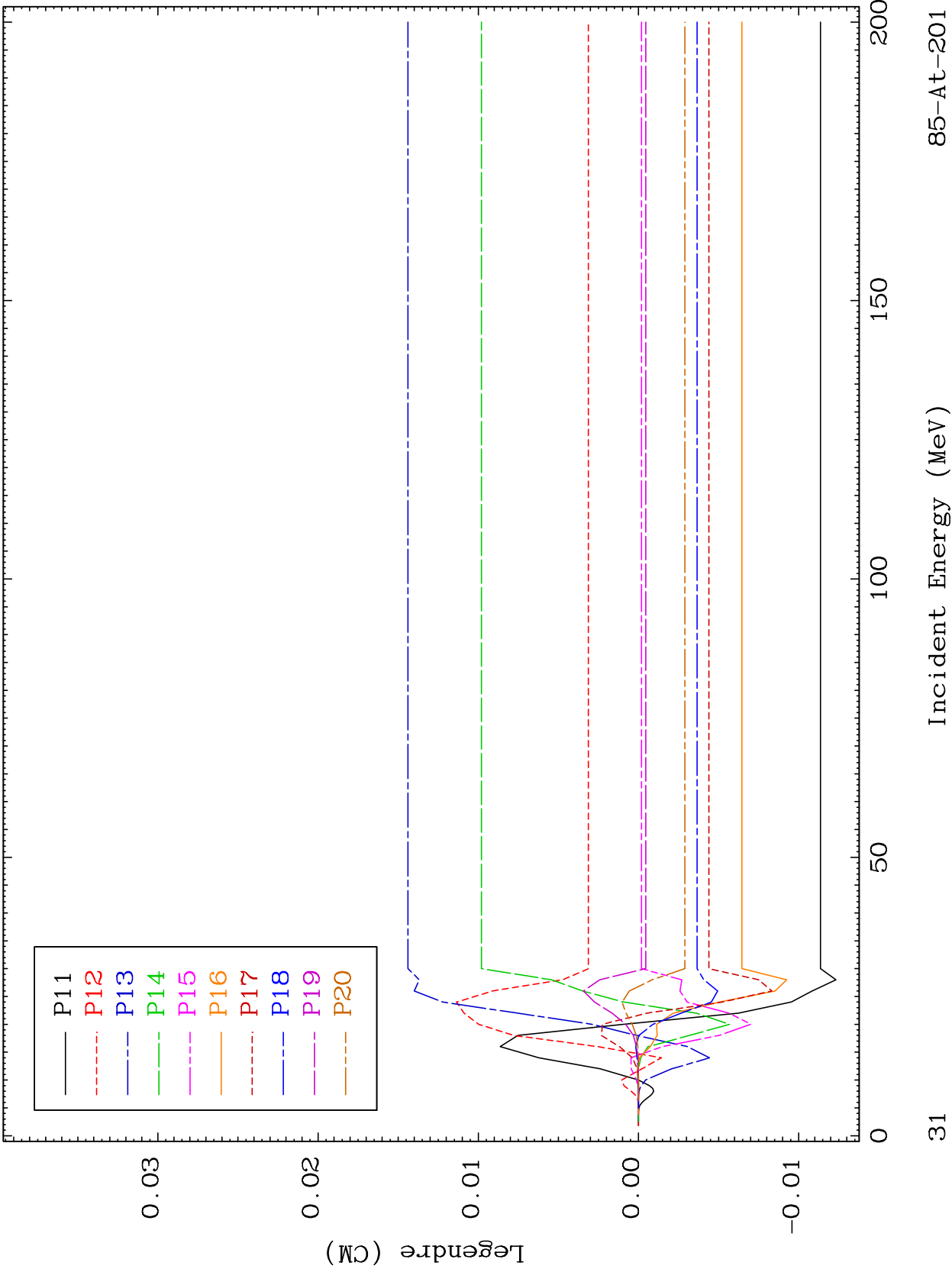




MAT 8519

1.495 MeV (n,n') Level
Legendre Coefficients

85-At-201



31

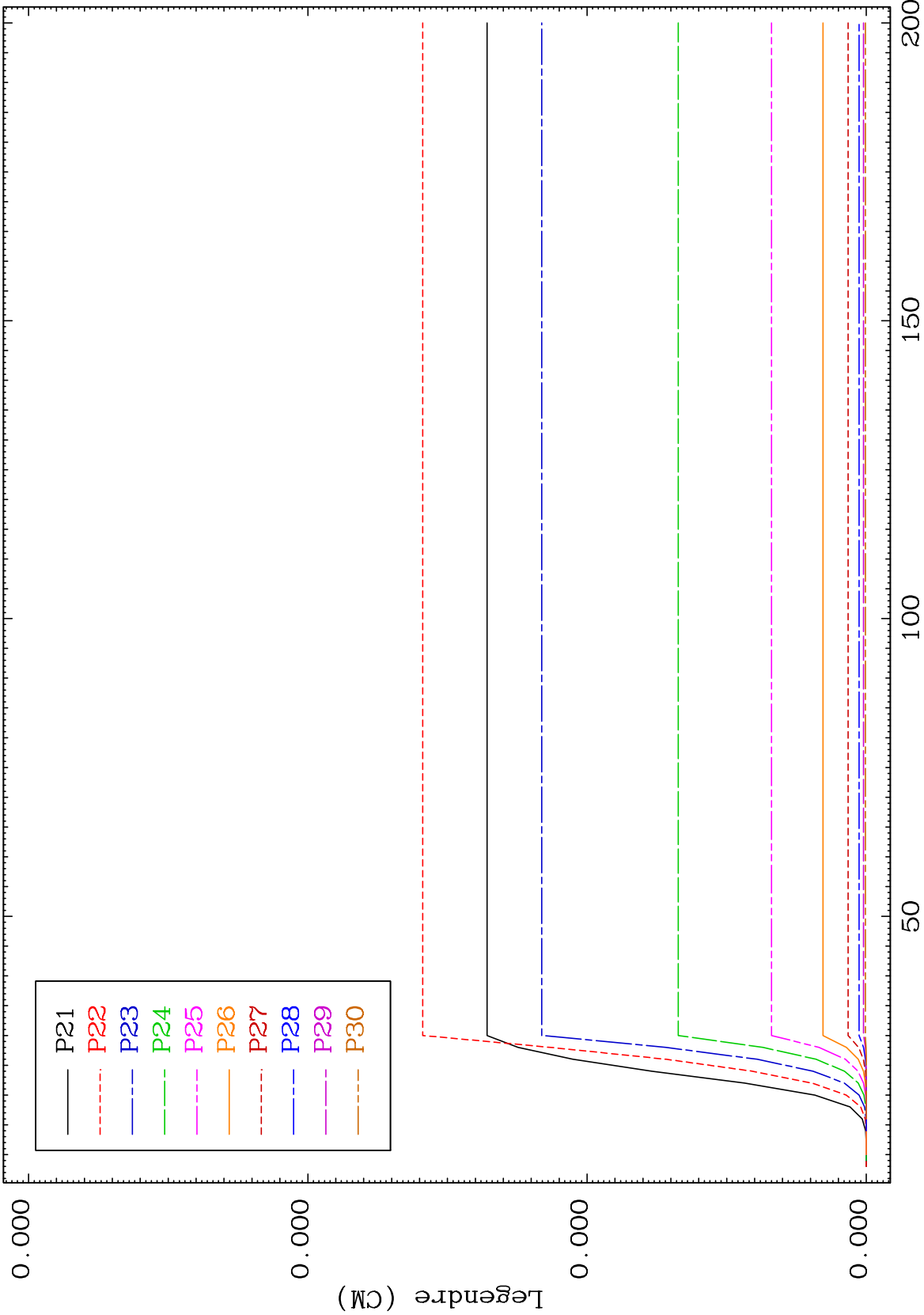
Incident Energy (MeV)

85-At-201

MAT 8519

1.495 MeV (n,n') Level
Legendre Coefficients

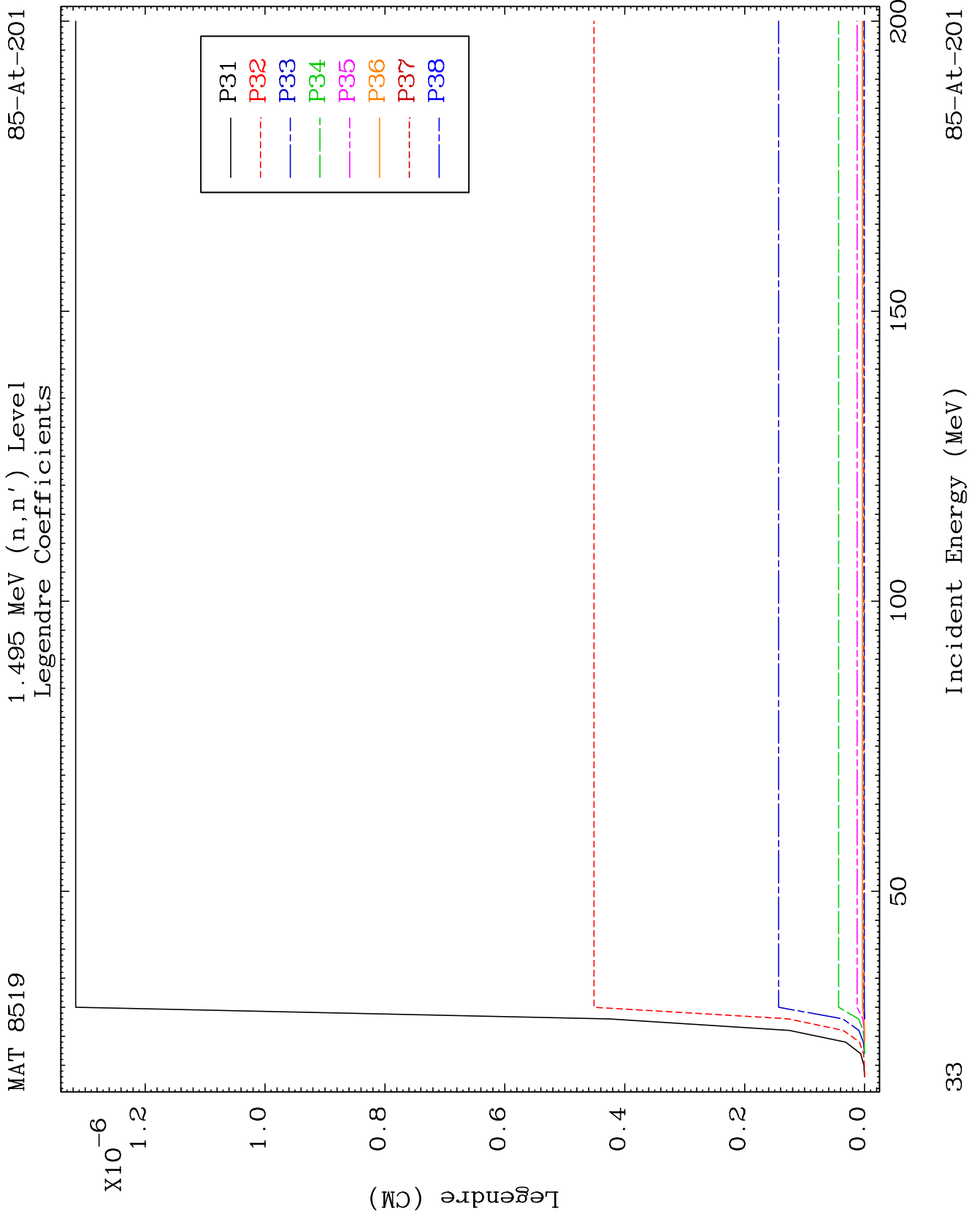
85-At-201



32

Incident Energy (MeV)

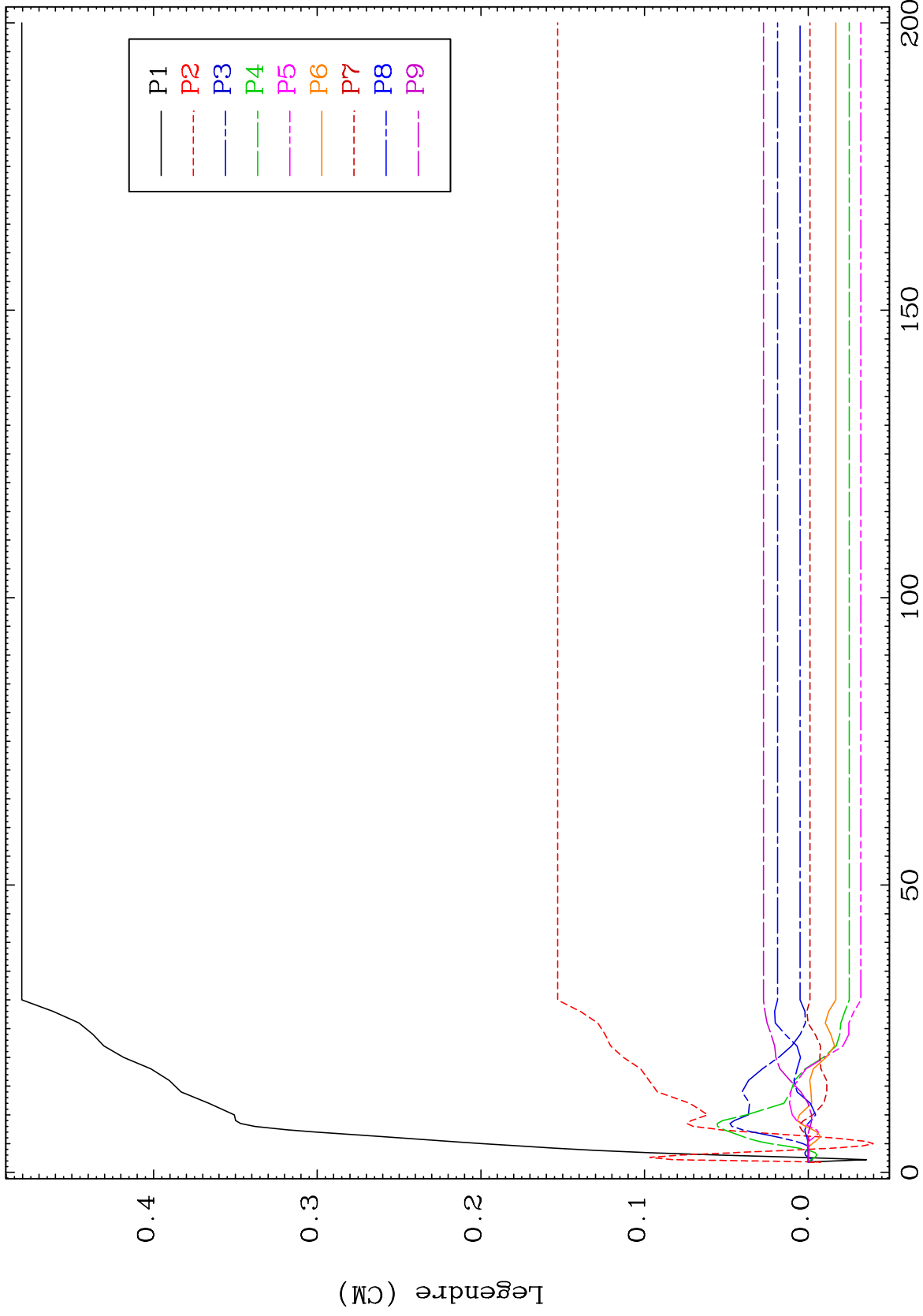
85-At-201



MAT 8519

1.705 MeV (n,n') Level
Legendre Coefficients

85-At-201



34

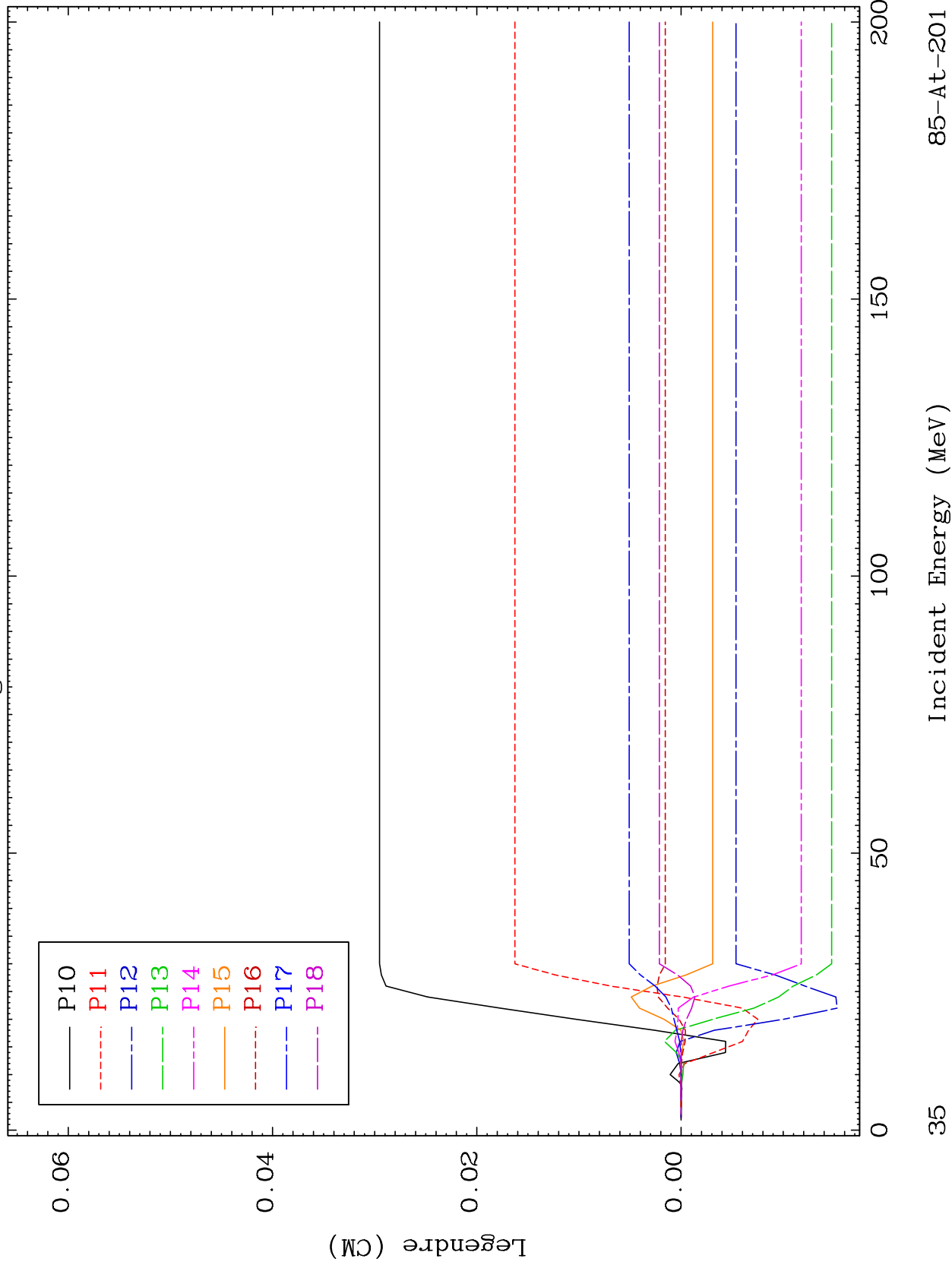
Incident Energy (MeV)

85-At-201

MAT 8519

1.705 MeV (n,n') Level
Legendre Coefficients

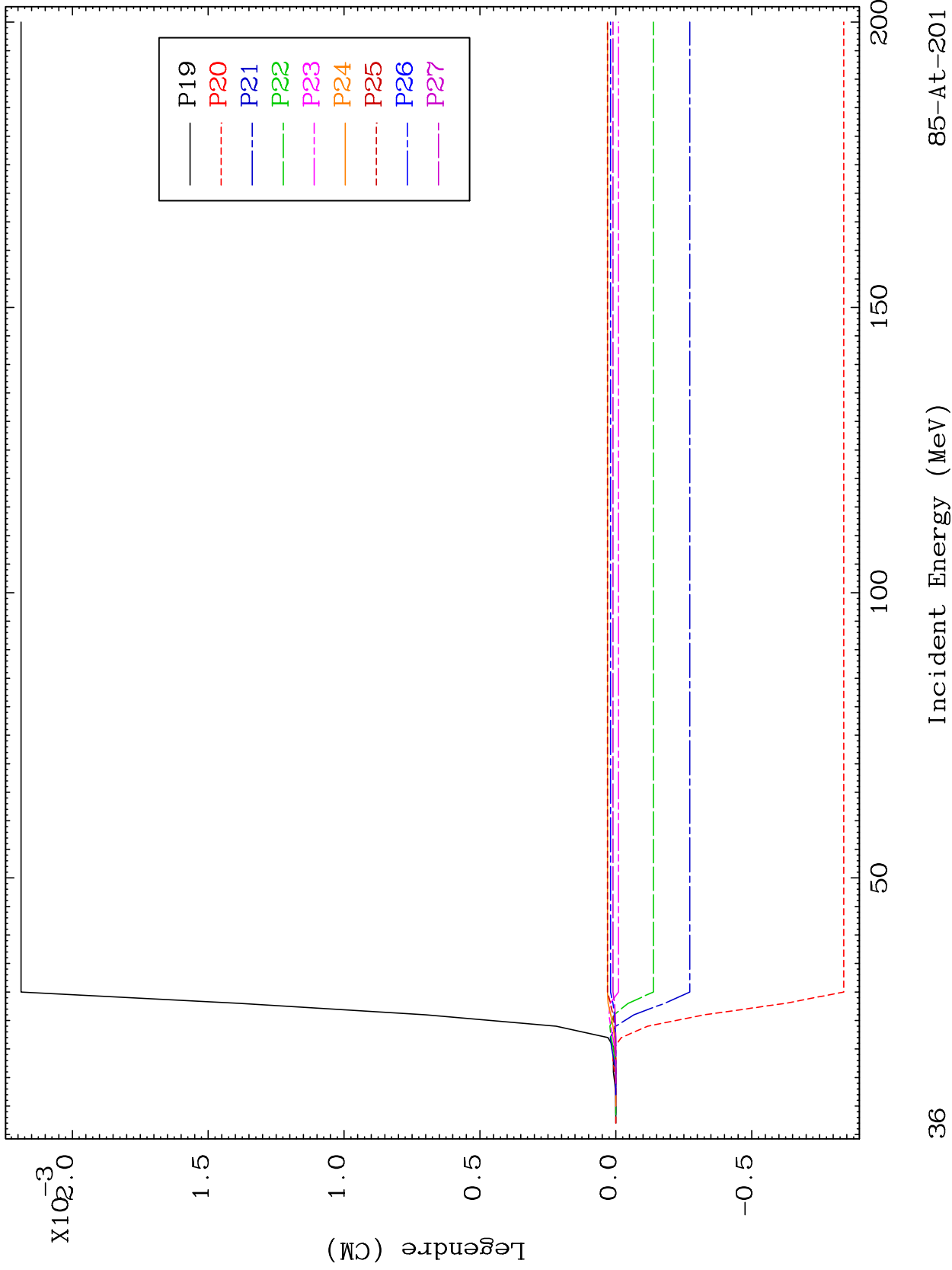
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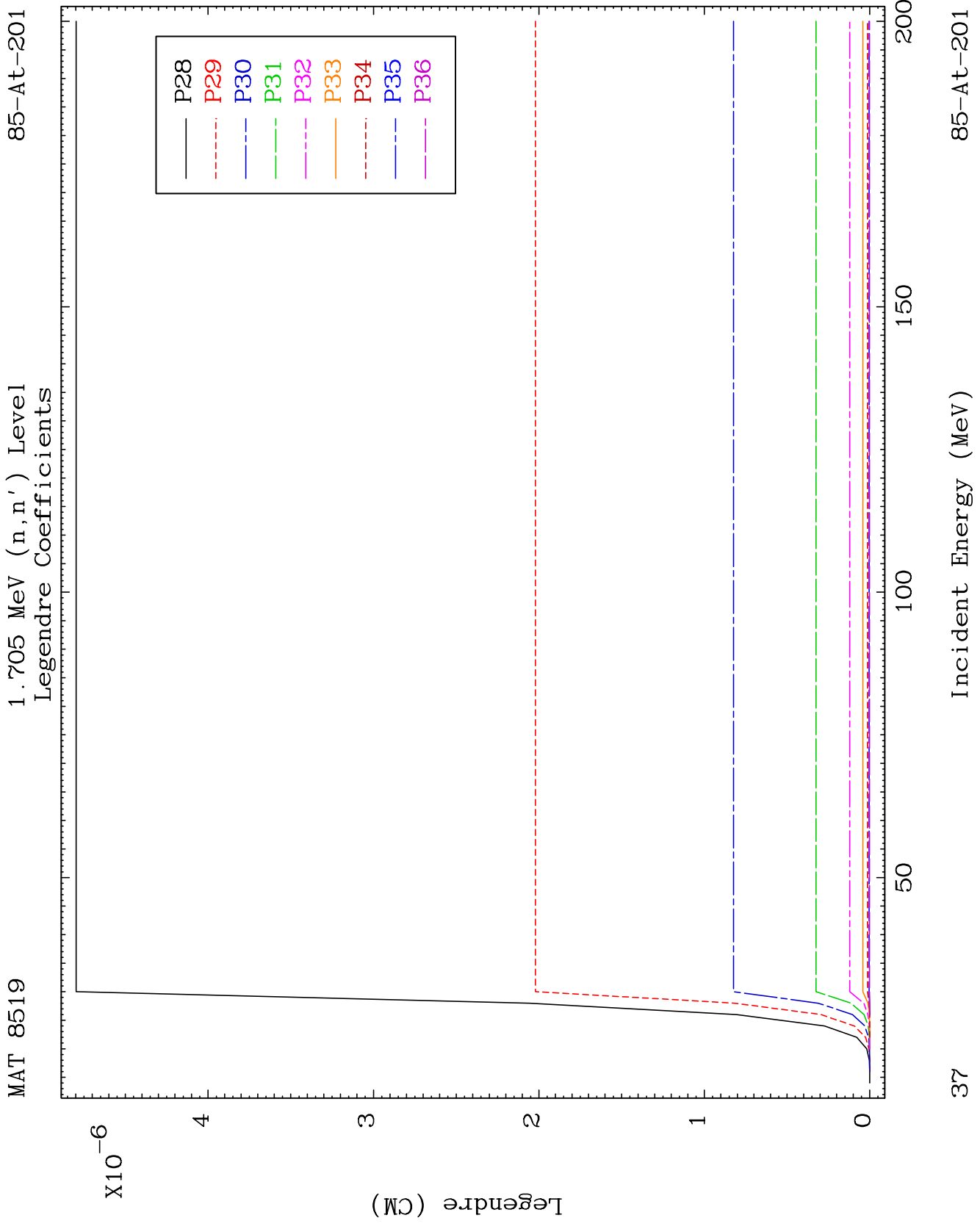


85-At-201

Incident Energy (MeV)

35

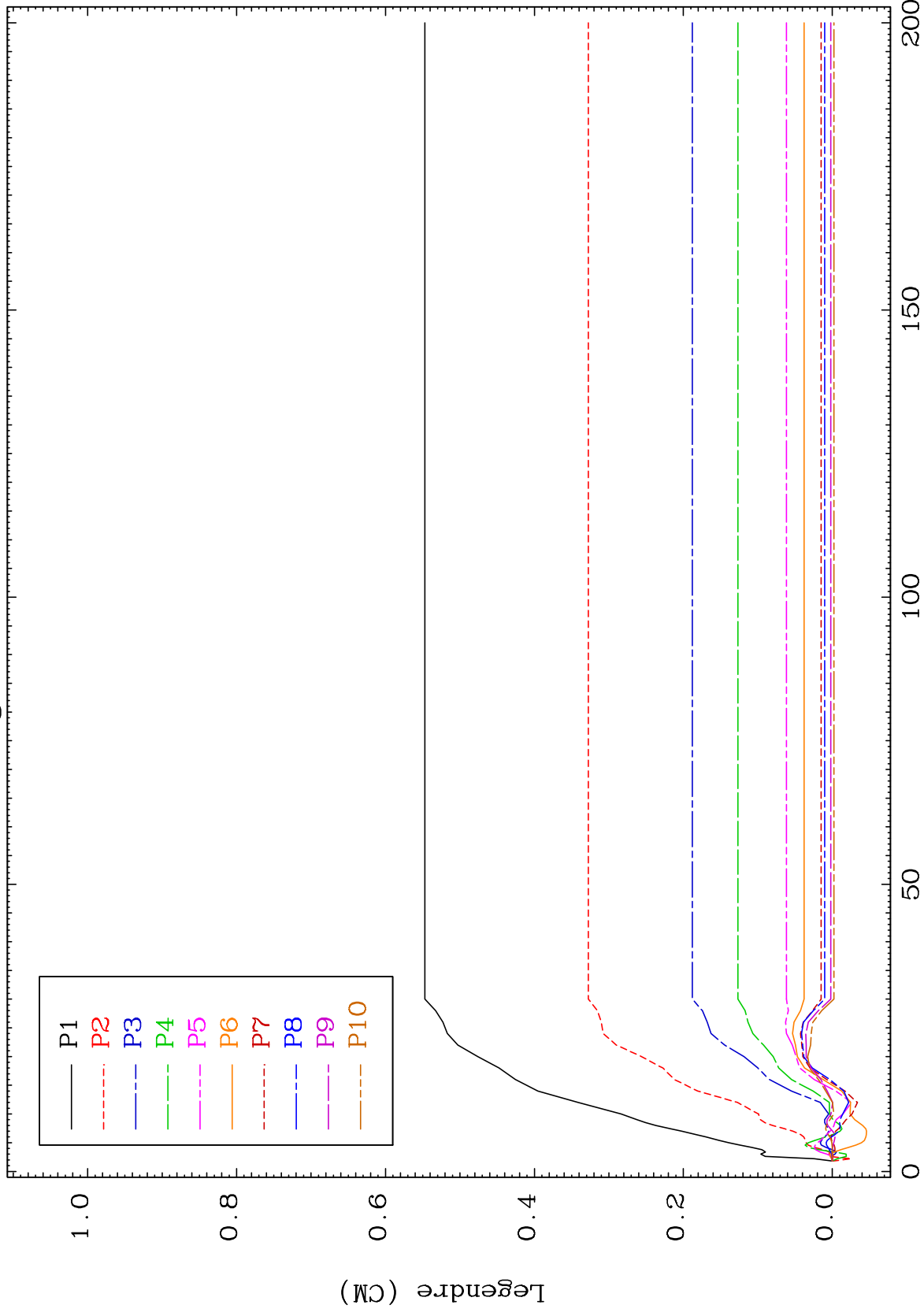




MAT 8519

1.790 MeV (n,n') Level
Legendre Coefficients

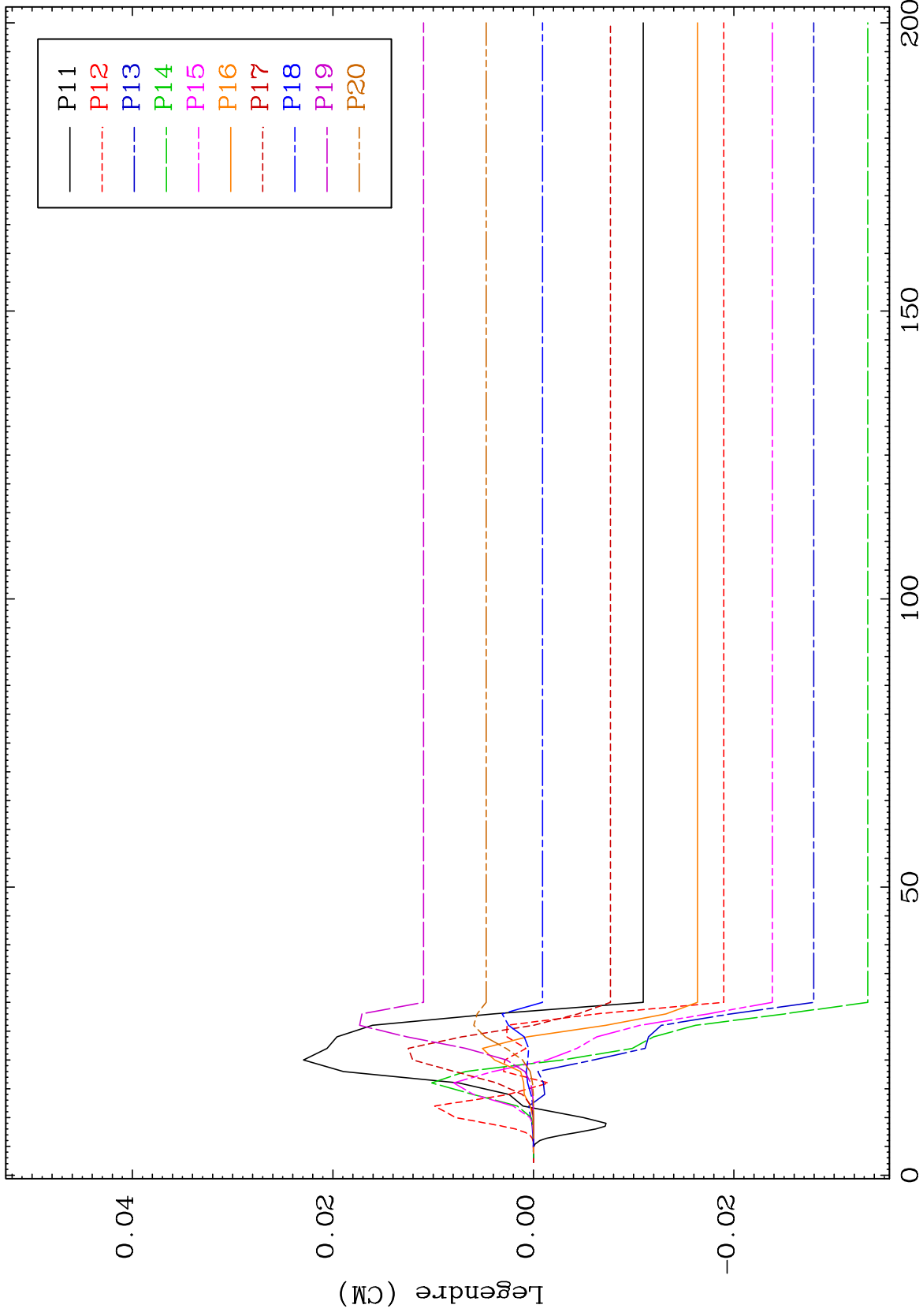
85-At-201



38

Incident Energy (MeV)

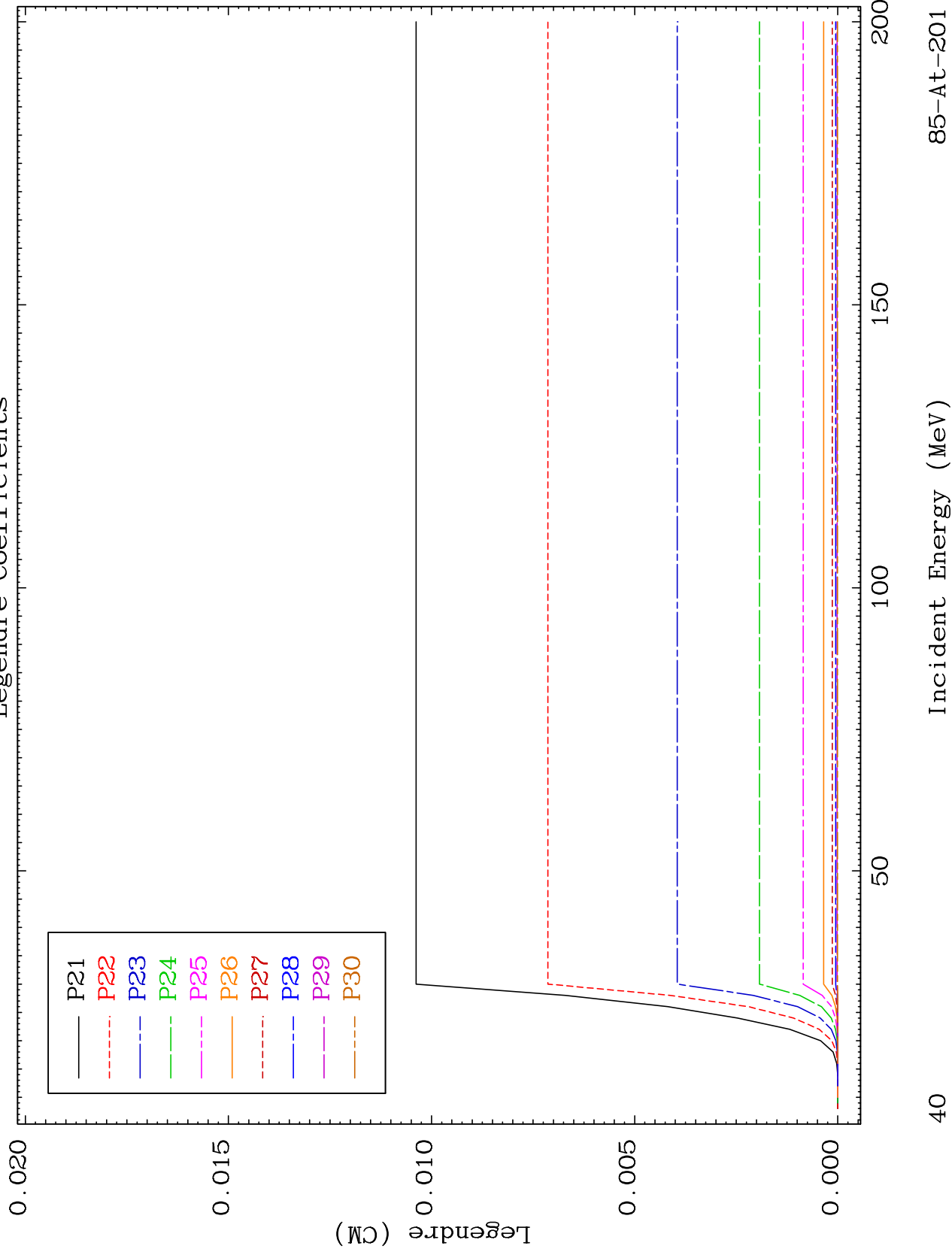
85-At-201



MAT 8519

1.790 MeV (n,n') Level
Legendre Coefficients

85-At-201



40

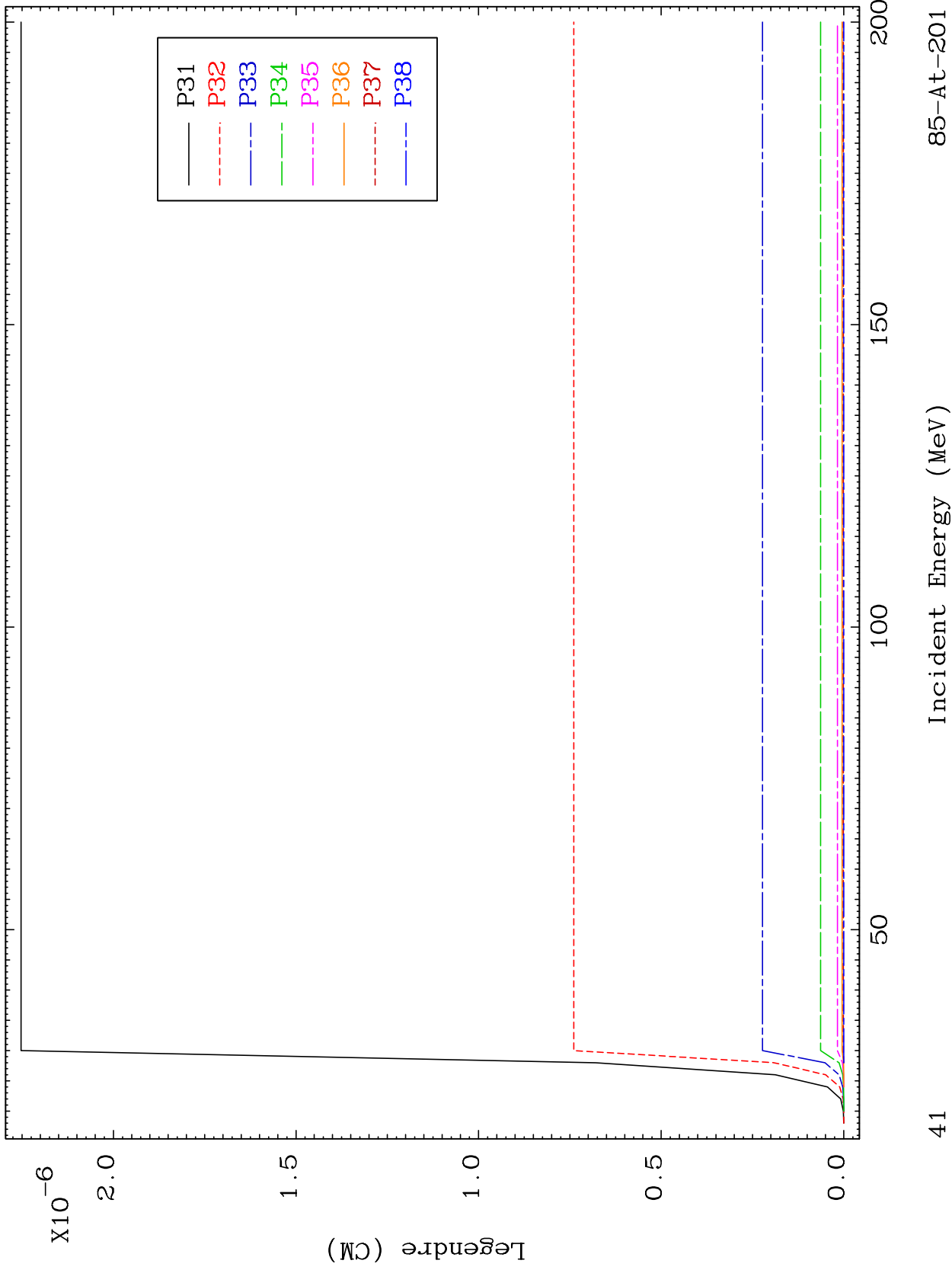
Incident Energy (MeV)

85-At-201

MAT 8519

1.790 MeV (n,n') Level
Legendre Coefficients

85-At-201



41

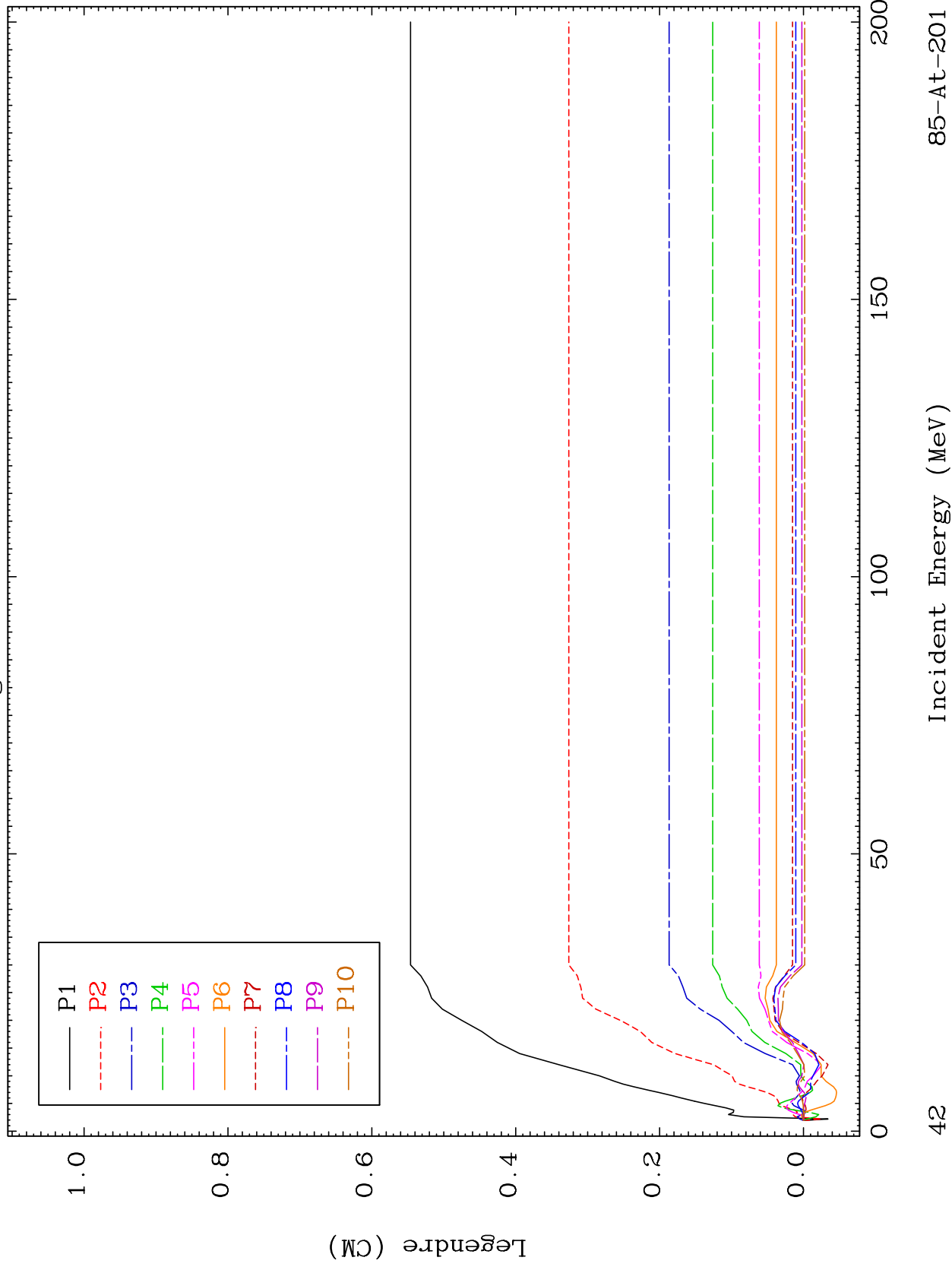
Incident Energy (MeV)

85-At-201

MAT 8519

1.921 MeV (n,n') Level
Legendre Coefficients

85-At-201

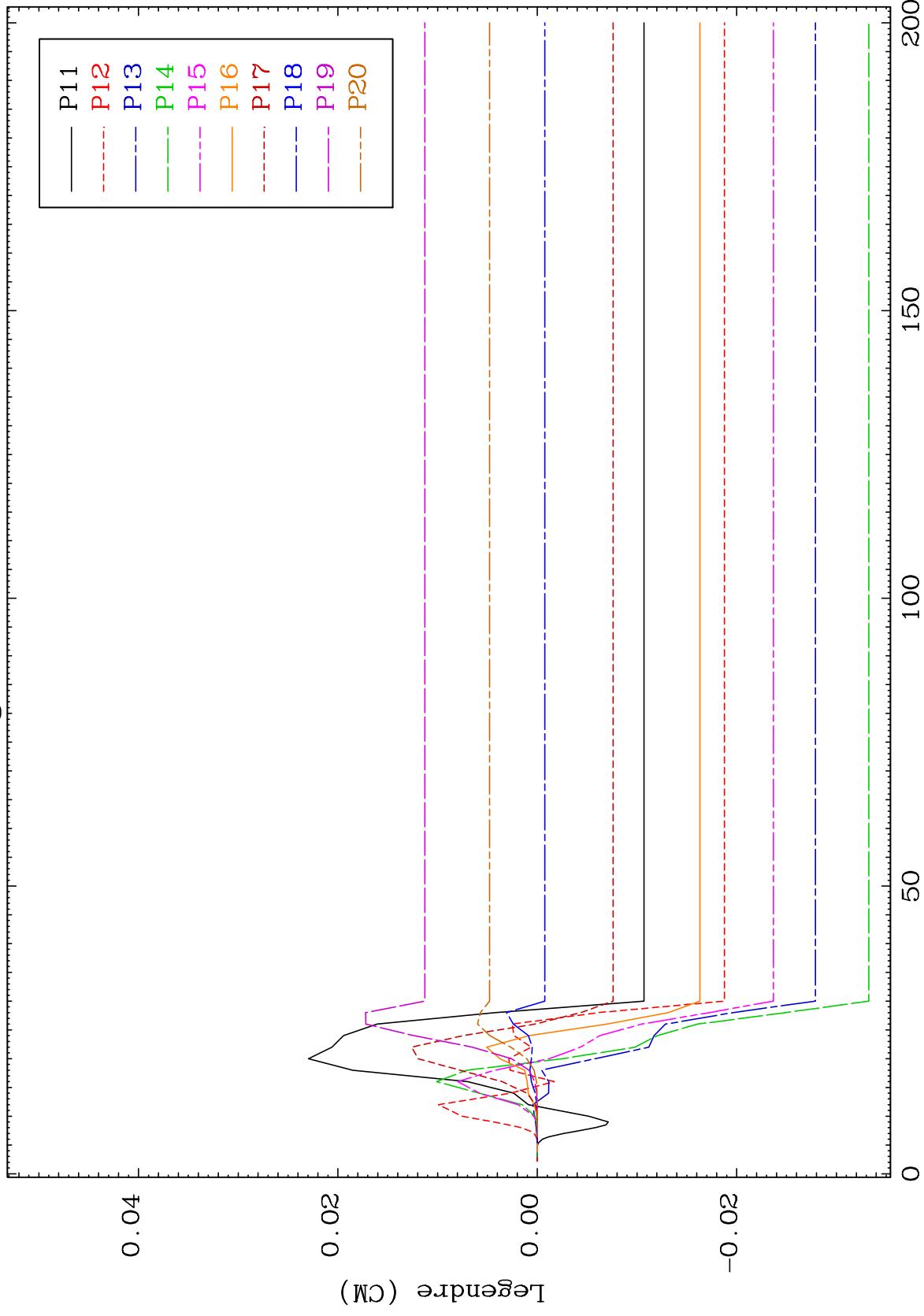


42

MAT 8519

1.921 MeV (n,n') Level
Legendre Coefficients

85-At-201



43

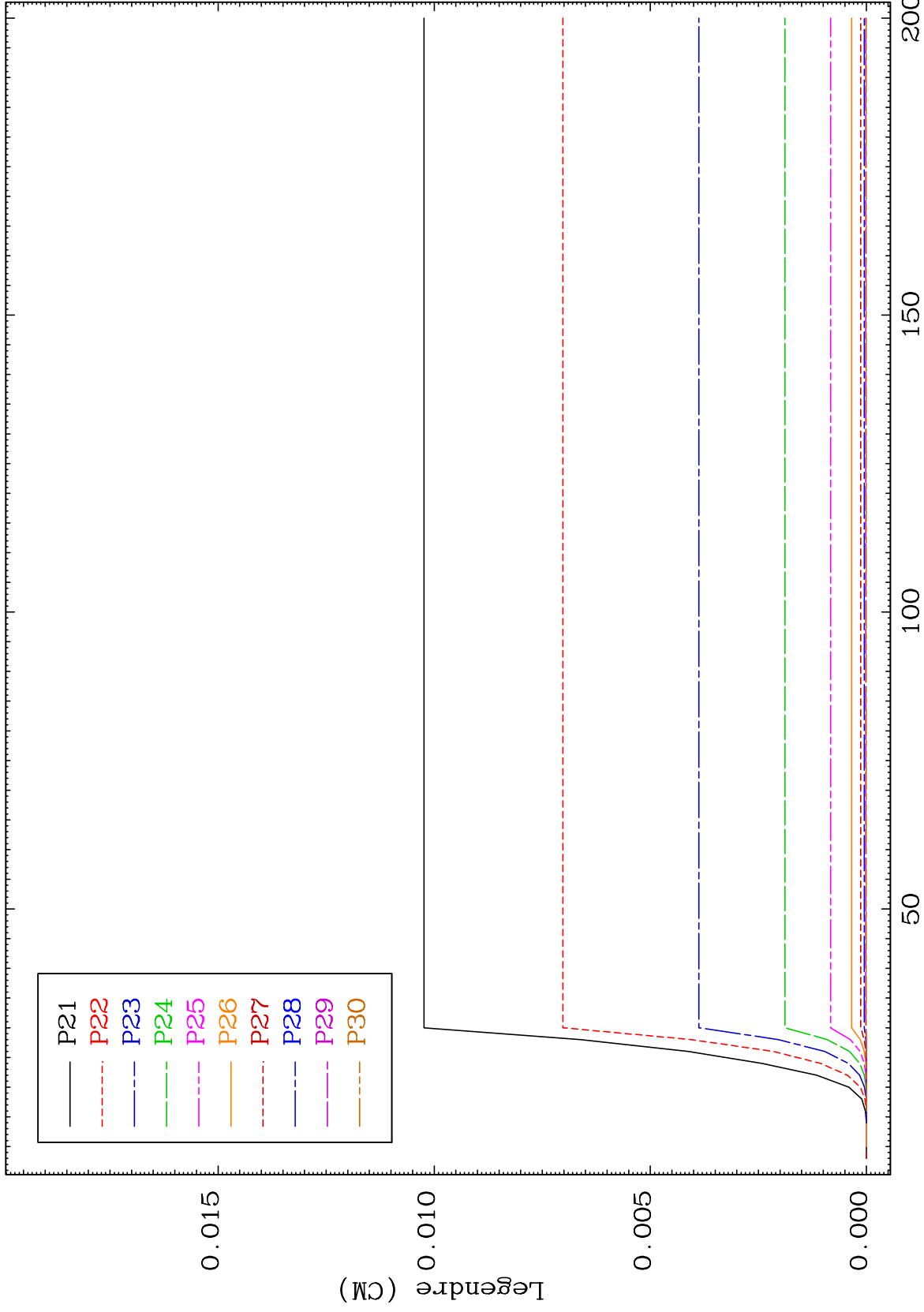
Incident Energy (MeV)

85-At-201

MAT 8519

1.921 MeV (n,n') Level
Legendre Coefficients

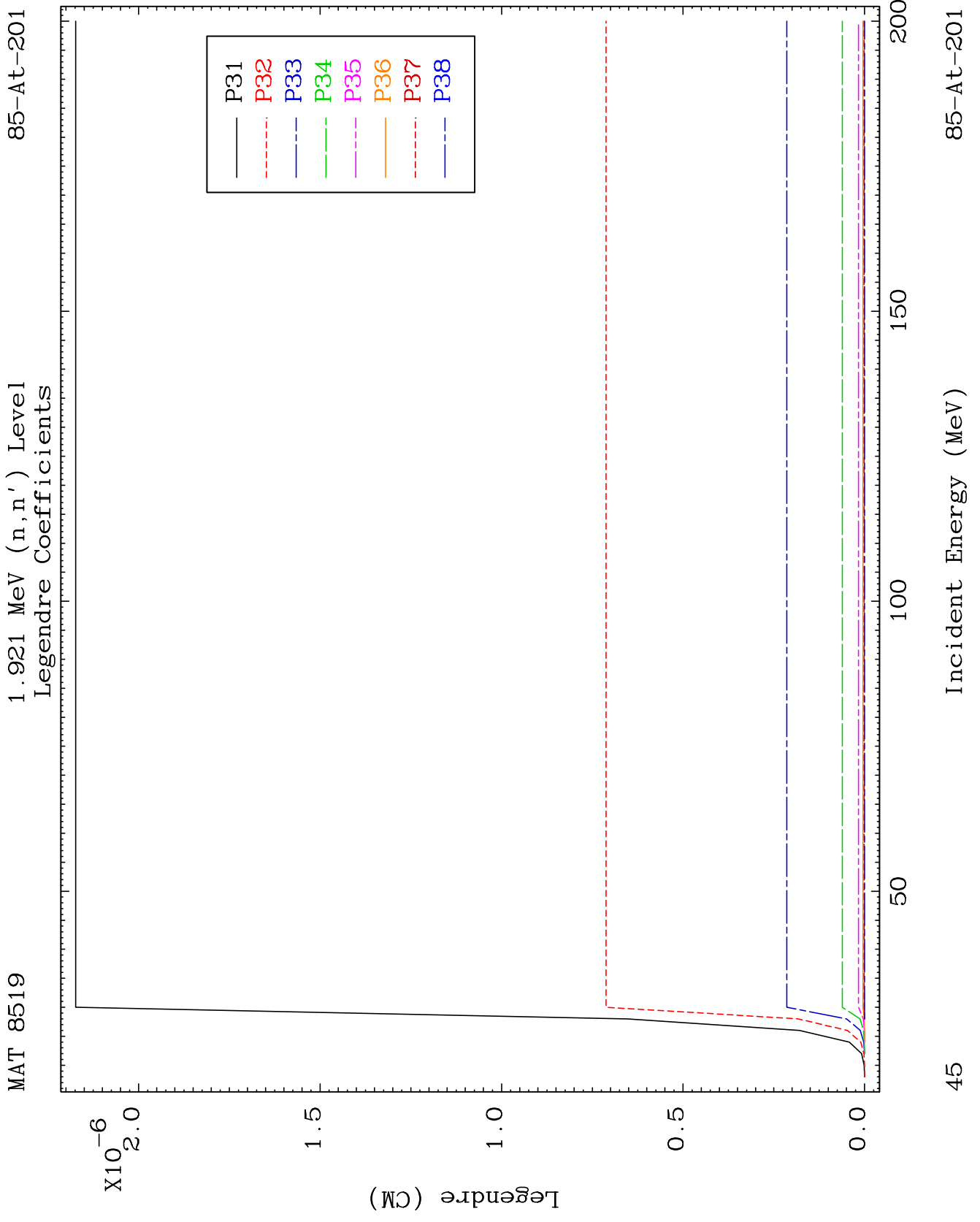
85-At-201



44

Incident Energy (MeV)

85-At-201

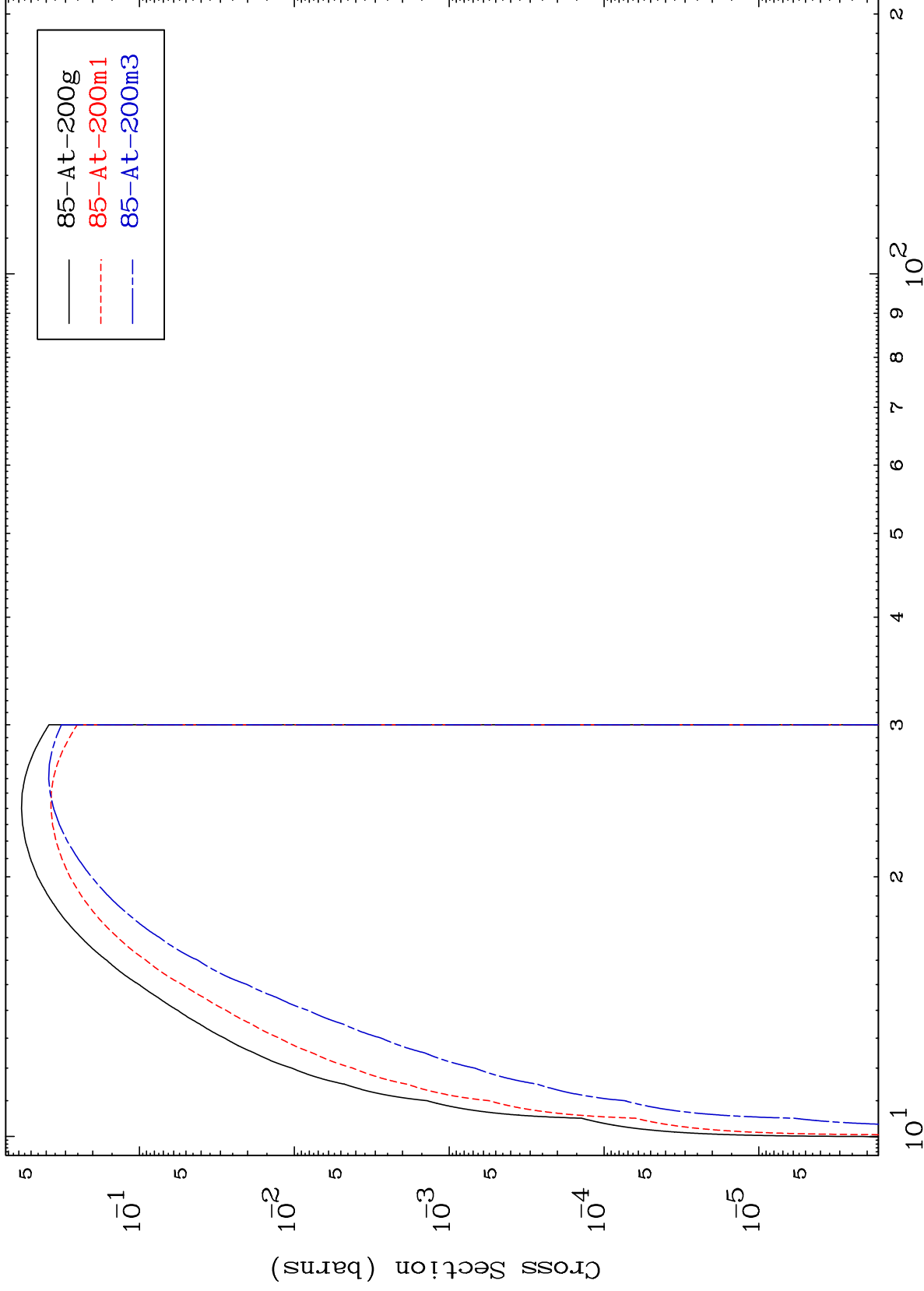


MAT 8519

(n,2n)

85-At-201

Radionuclide Production Cross Section



46

Incident Energy (MeV)

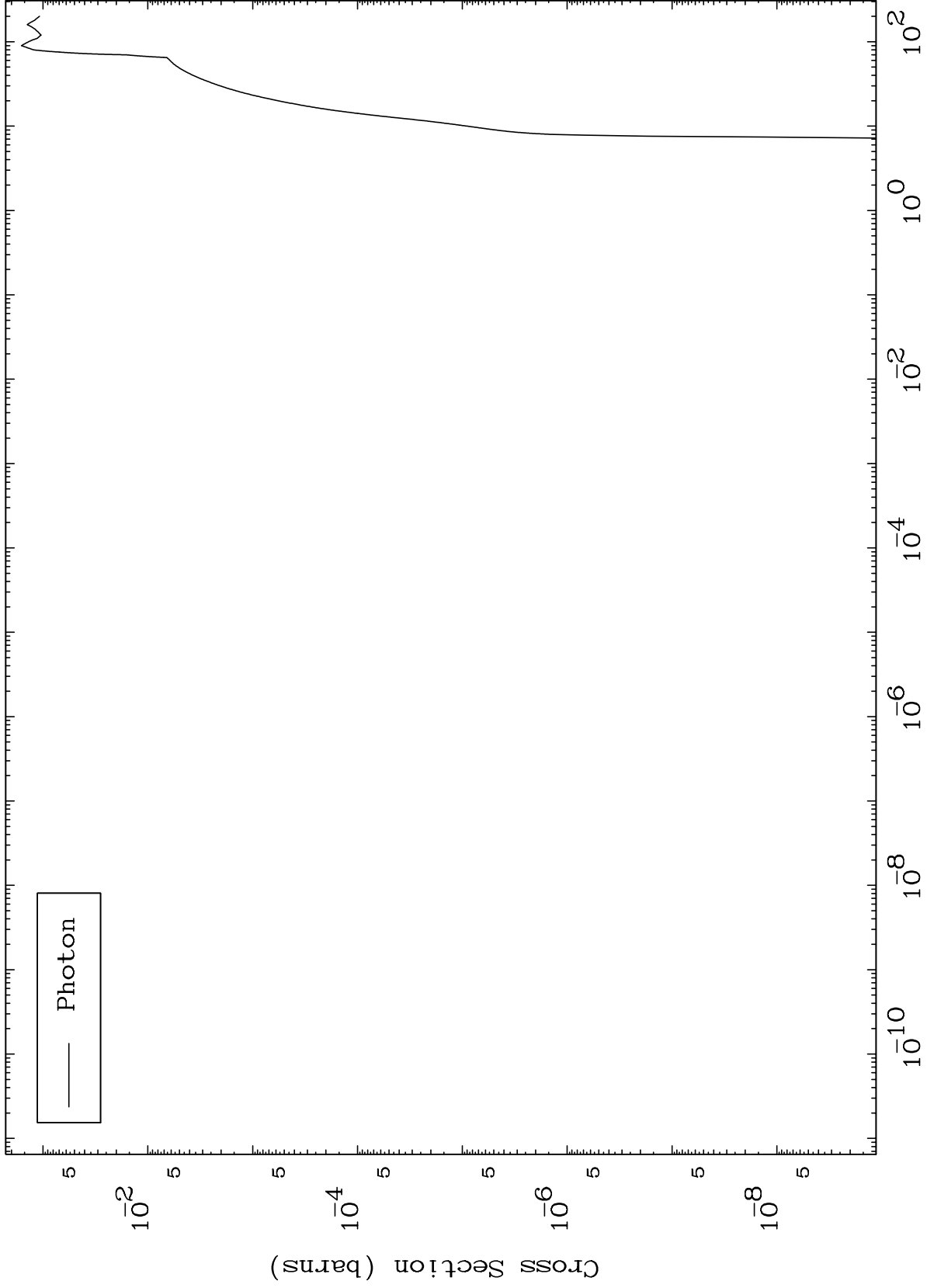
85-At-201

MAT 8519

Fission

85-At-201

Radionuclide Production Cross Section



47

Incident Energy (MeV)

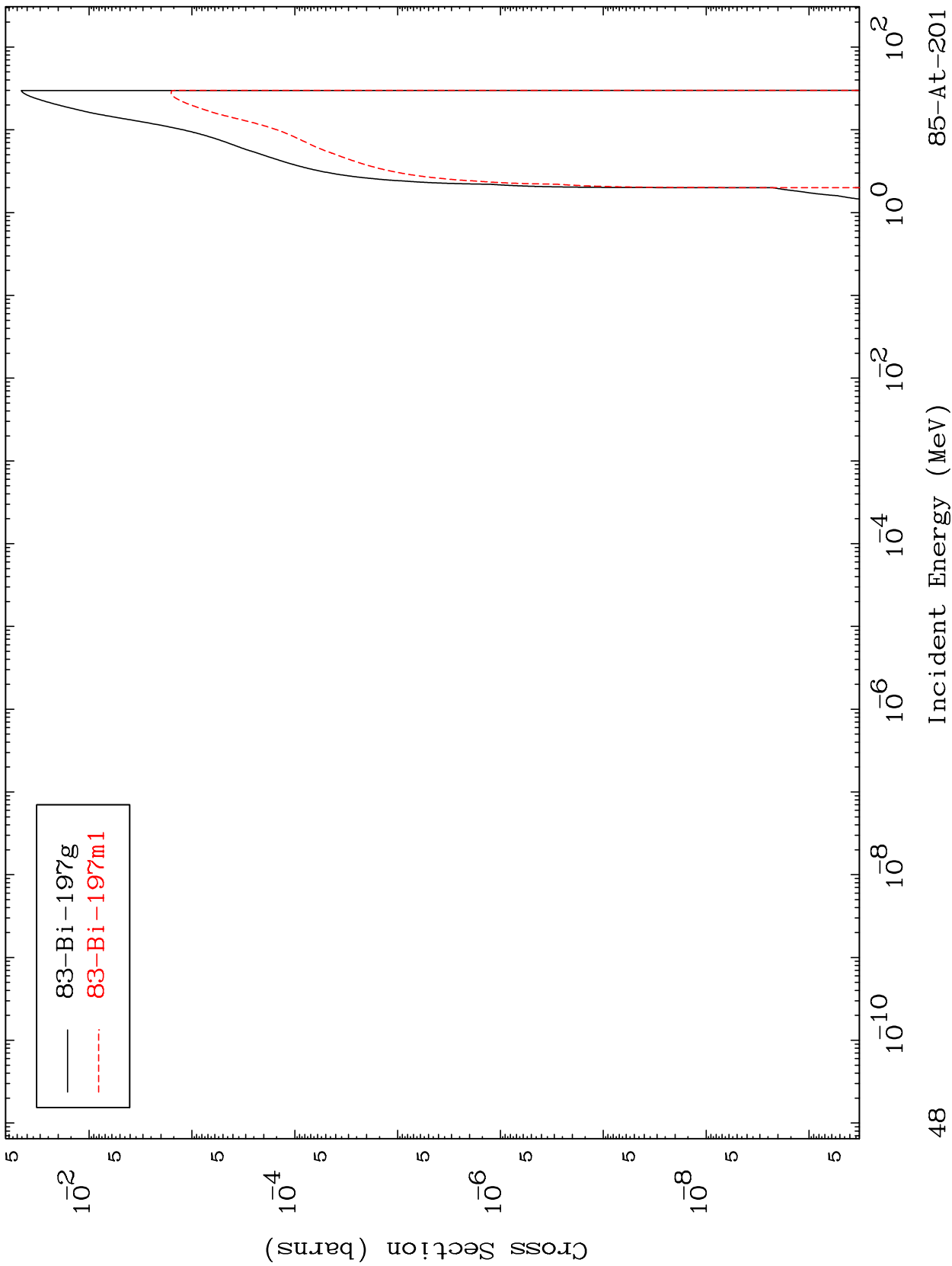
85-At-201

MAT 8519

(n, n') α

85-At-201

Radionuclide Production Cross Section



48

Incident Energy (MeV)

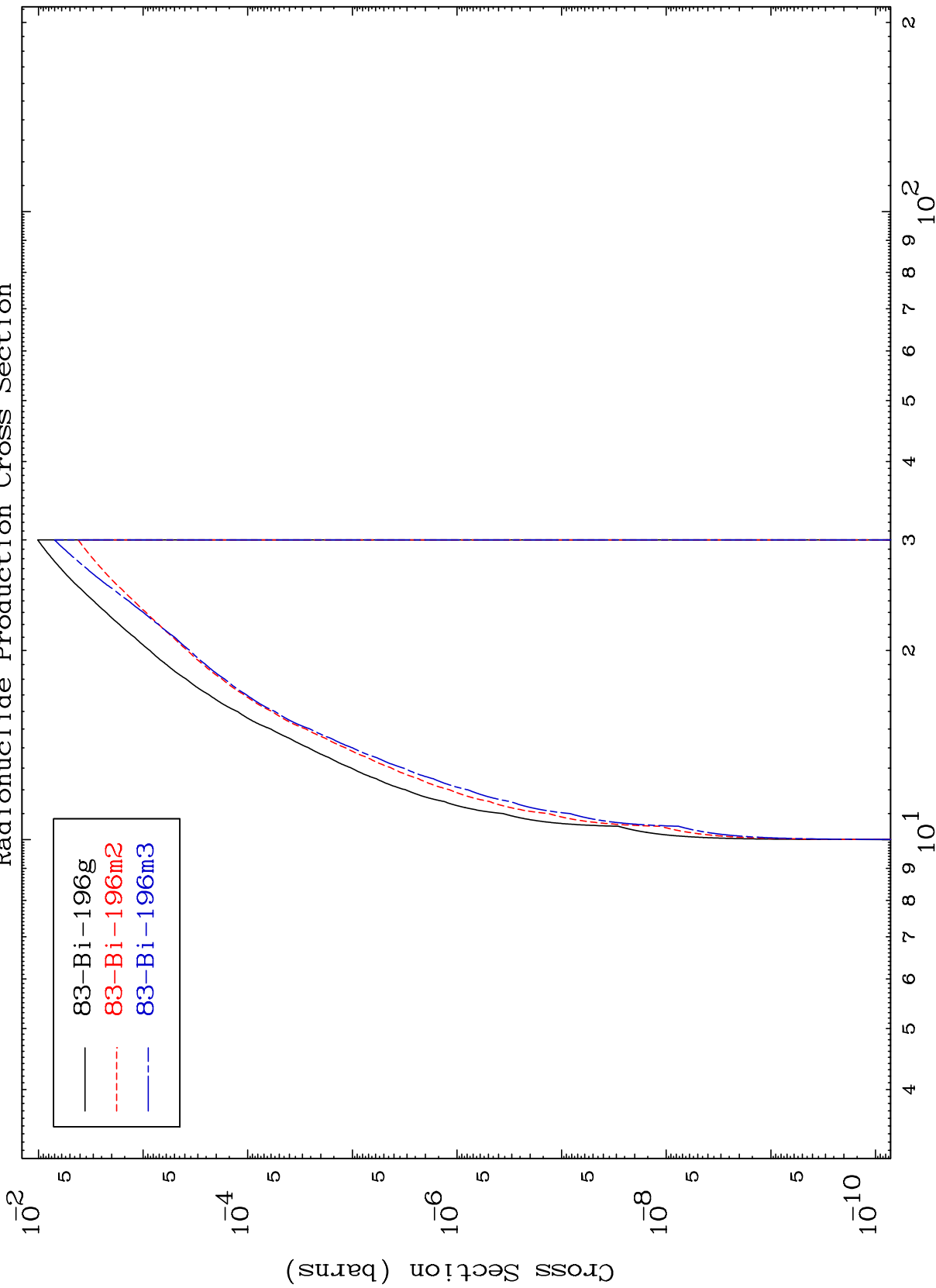
85-At-201

MAT 8519

(n,2n) α

85-At-201

Radionuclide Production Cross Section



49

Incident Energy (MeV)

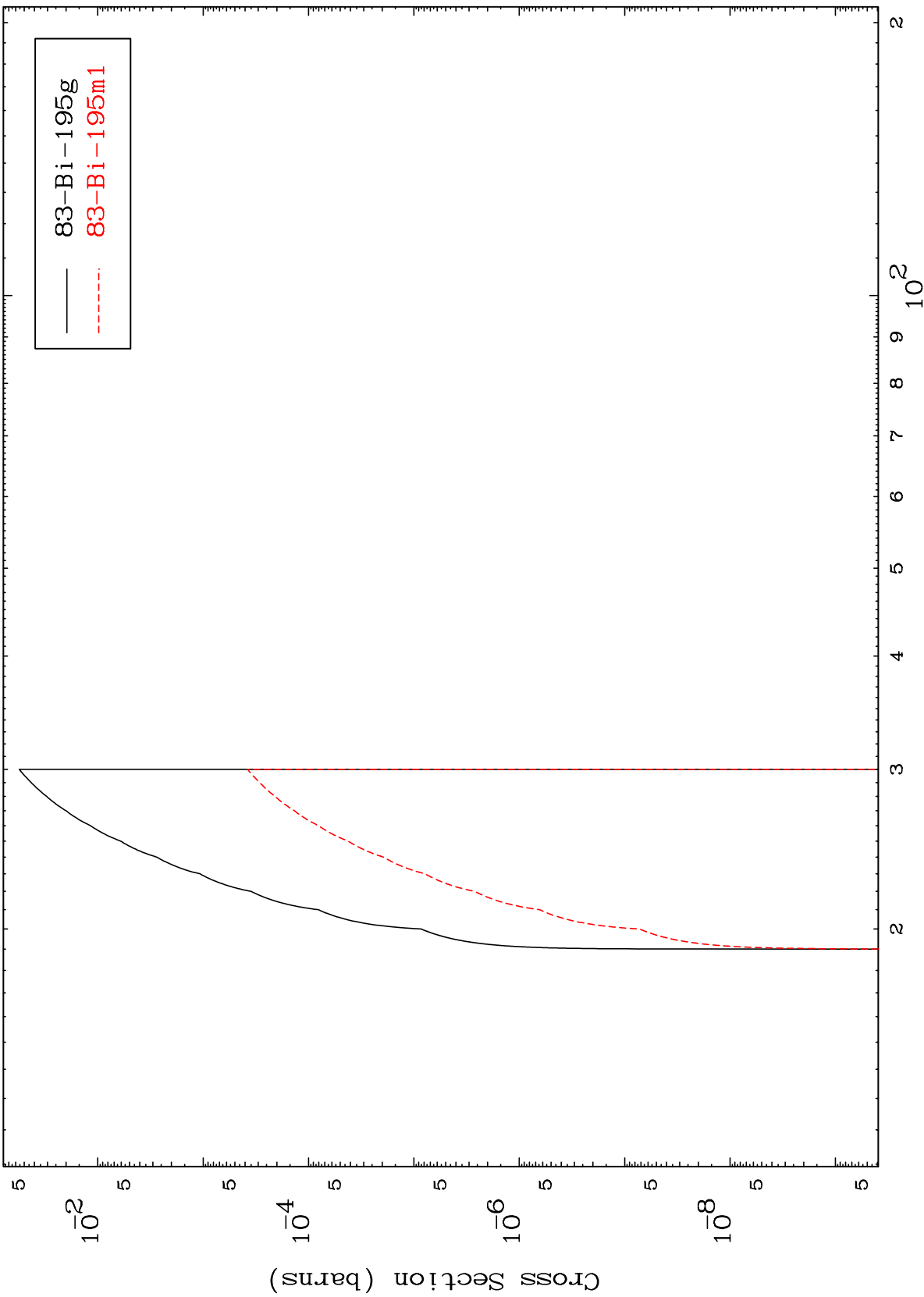
85-At-201

MAT 8519

(n,3n) α

85-At-201

Radionuclide Production Cross Section



50

Incident Energy (MeV)

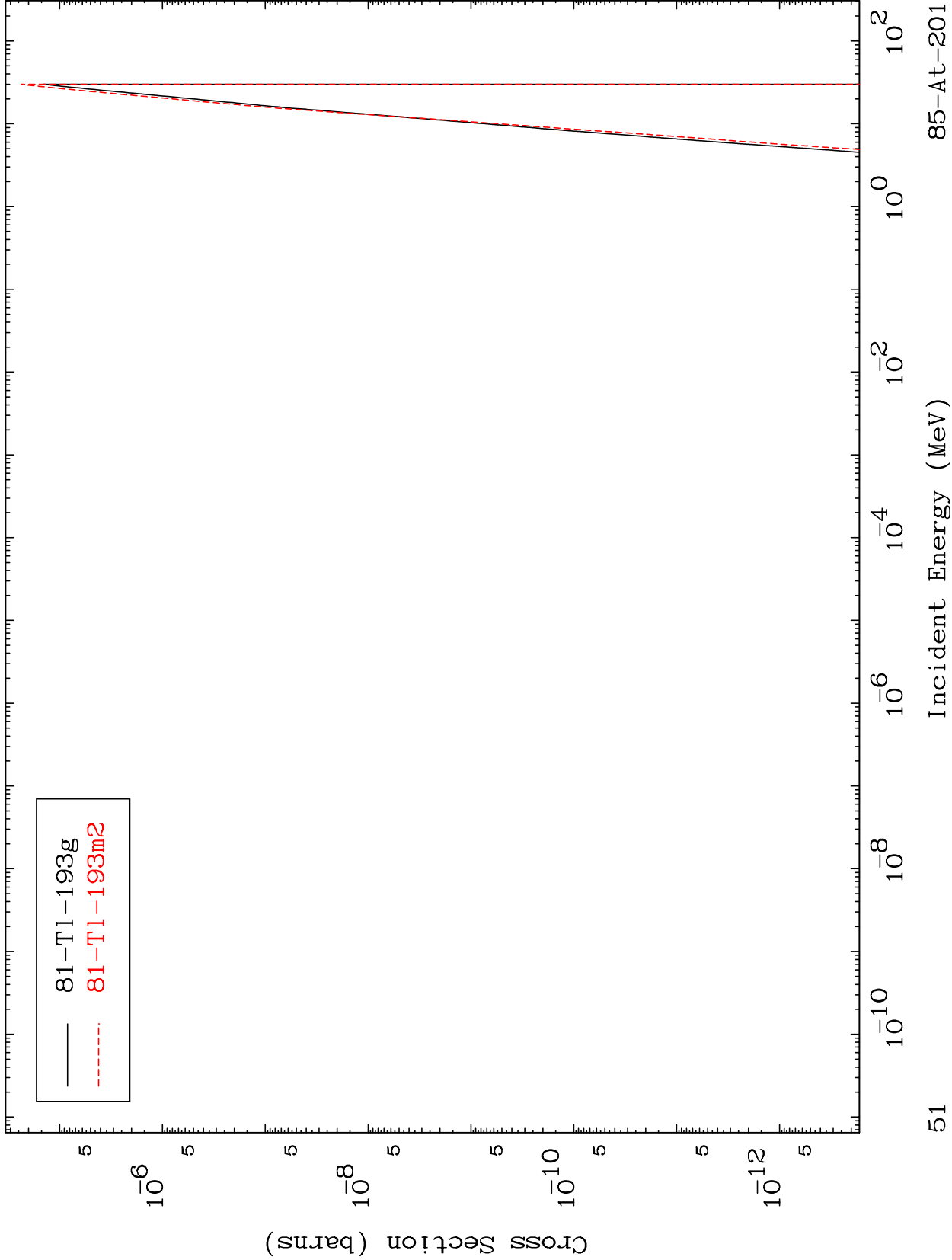
85-At-201

MAT 8519

(n,n') 2α

85-At-201

Radionuclide Production Cross Section

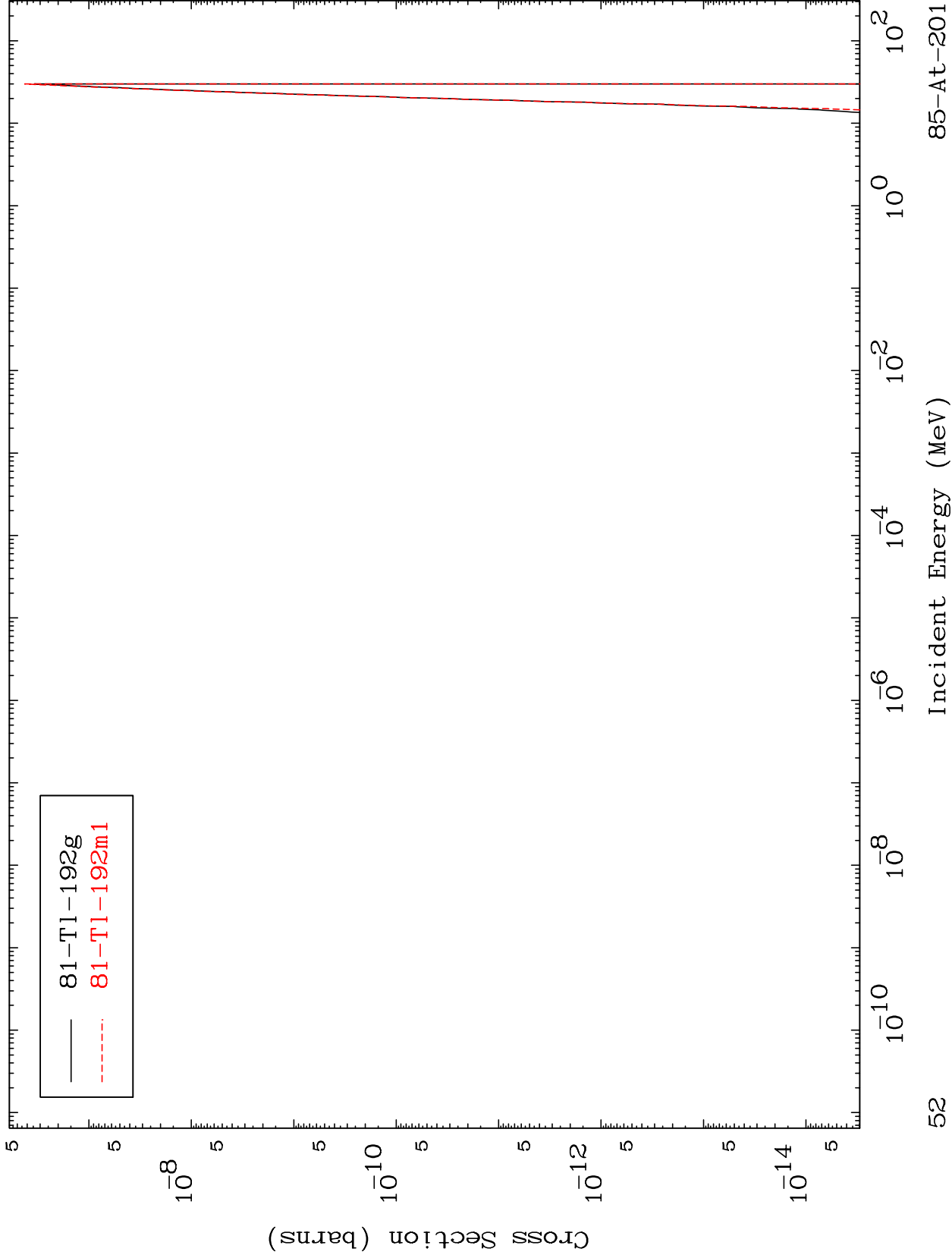


MAT 8519

(n,2n) 2α

85-At-201

Radionuclide Production Cross Section

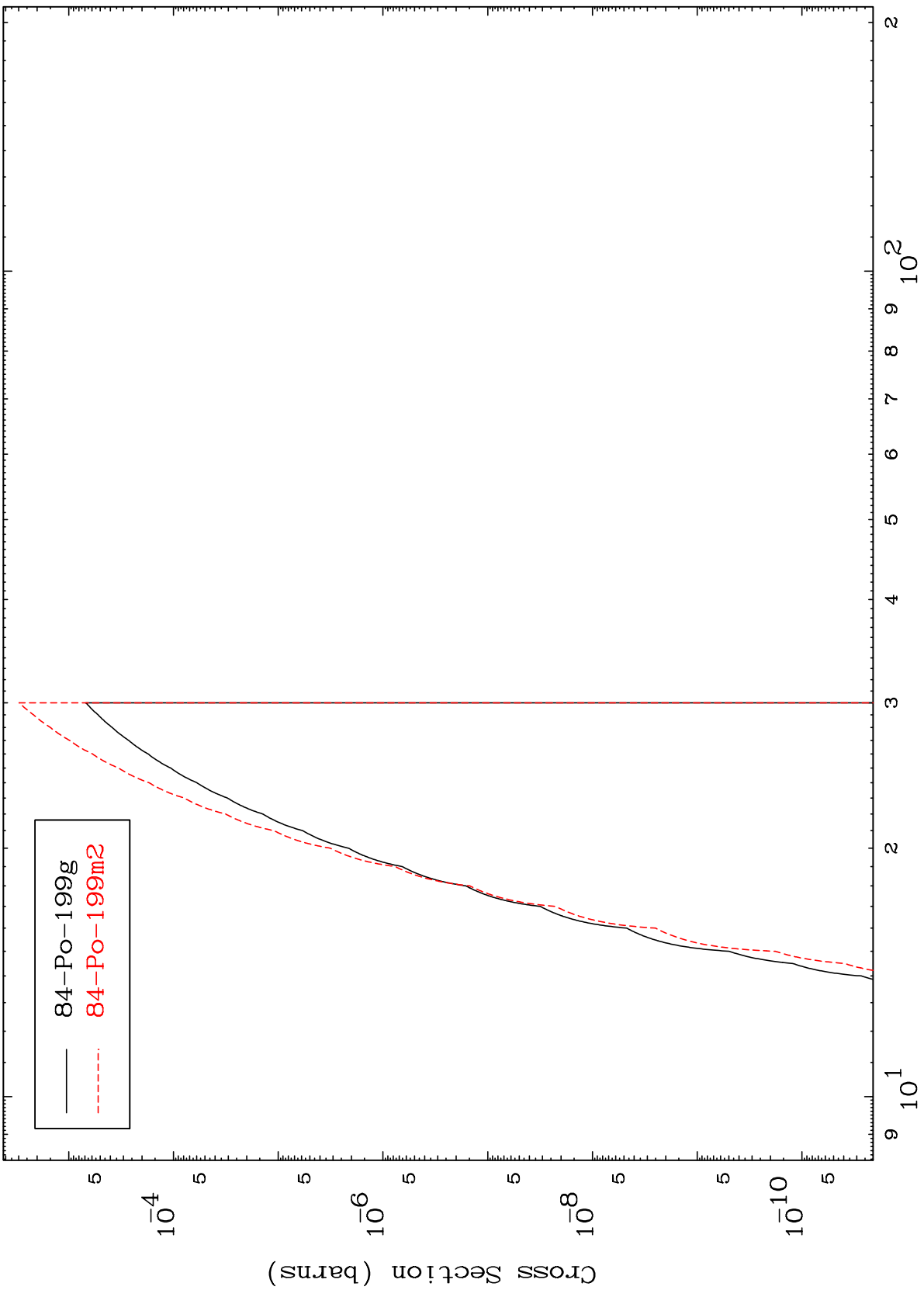


MAT 8519

(n,n') d

85-At-201

Radionuclide Production Cross Section



84-Po-199g
84-Po-199m2

53

Incident Energy (MeV)

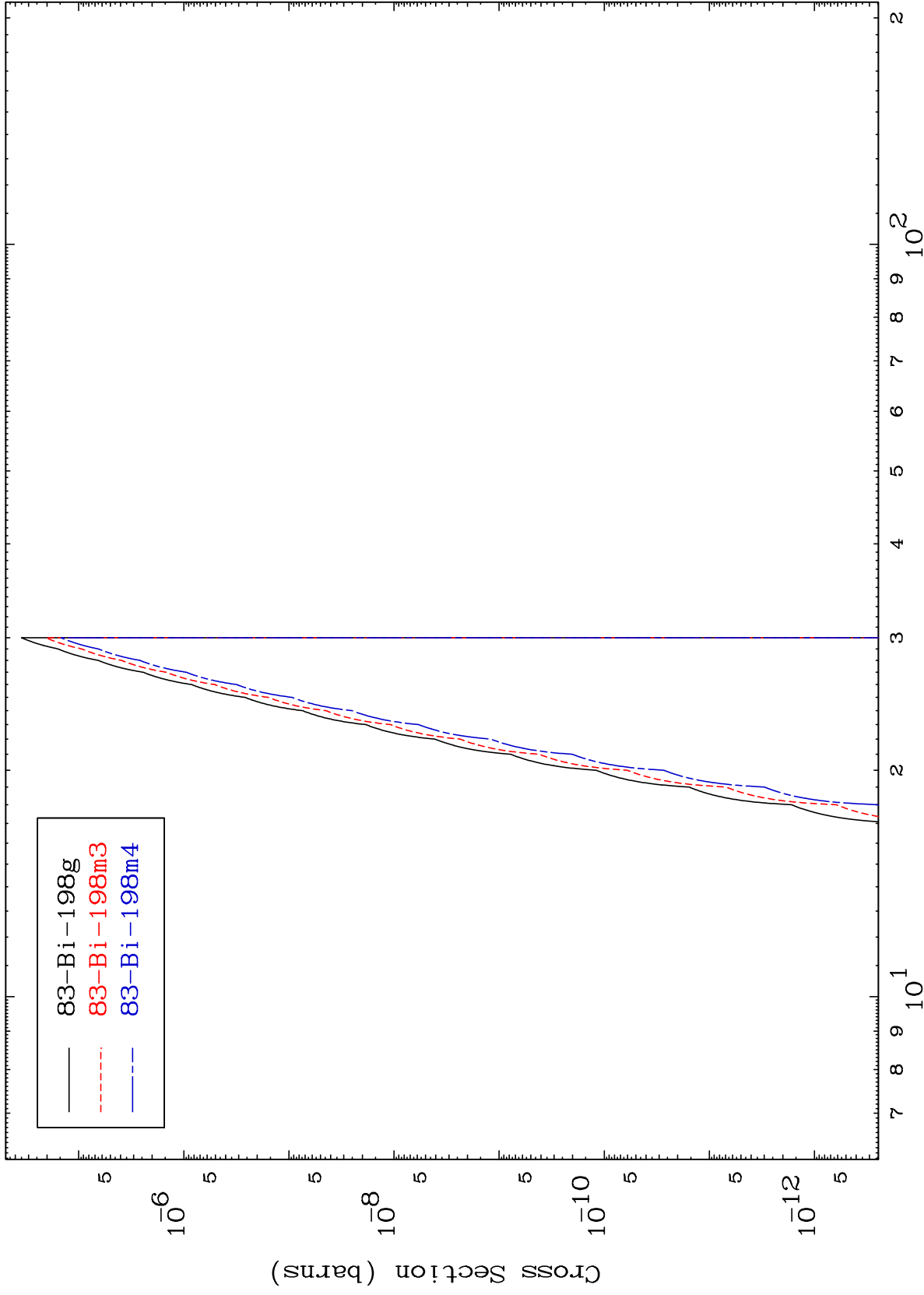
85-At-201

MAT 8519

(n,n') He-3

85-At-201

Radionuclide Production Cross Section



54

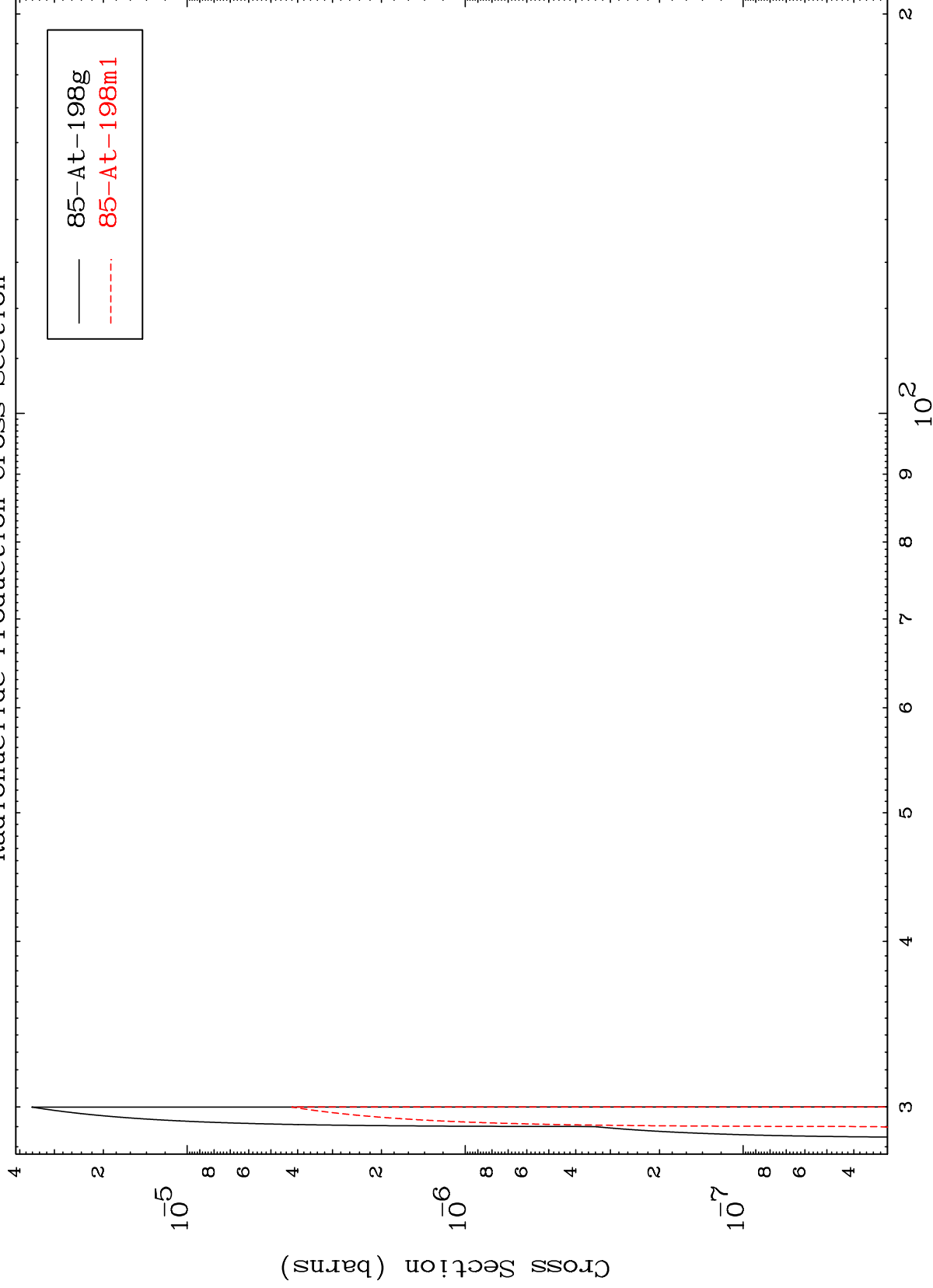
Incident Energy (MeV)

85-At-201

MAT 8519

85-At-201

(n,4n)
Radionuclide Production Cross Section

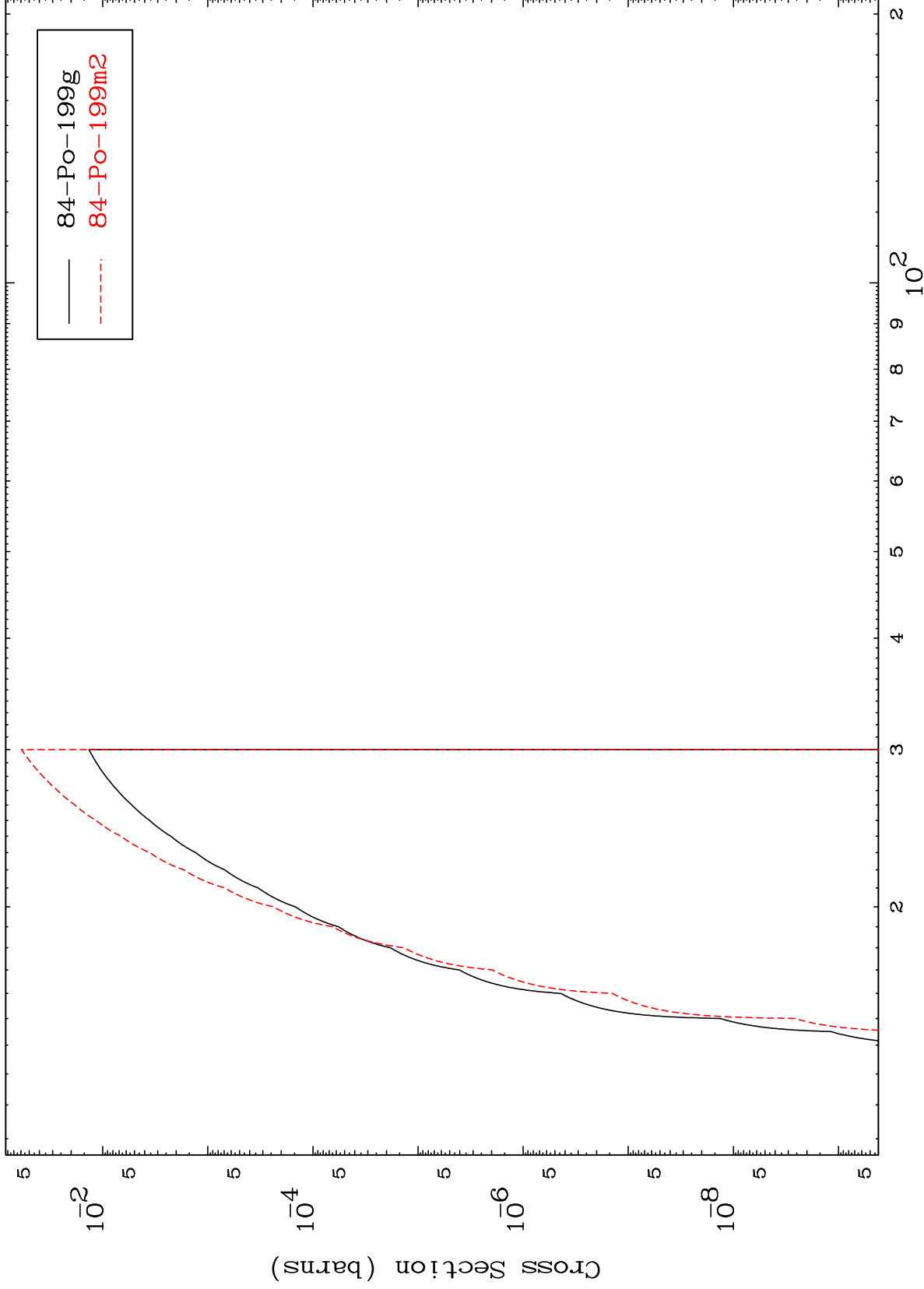


55

85-At-201

Incident Energy (MeV)

Radionuclide Production Cross Section

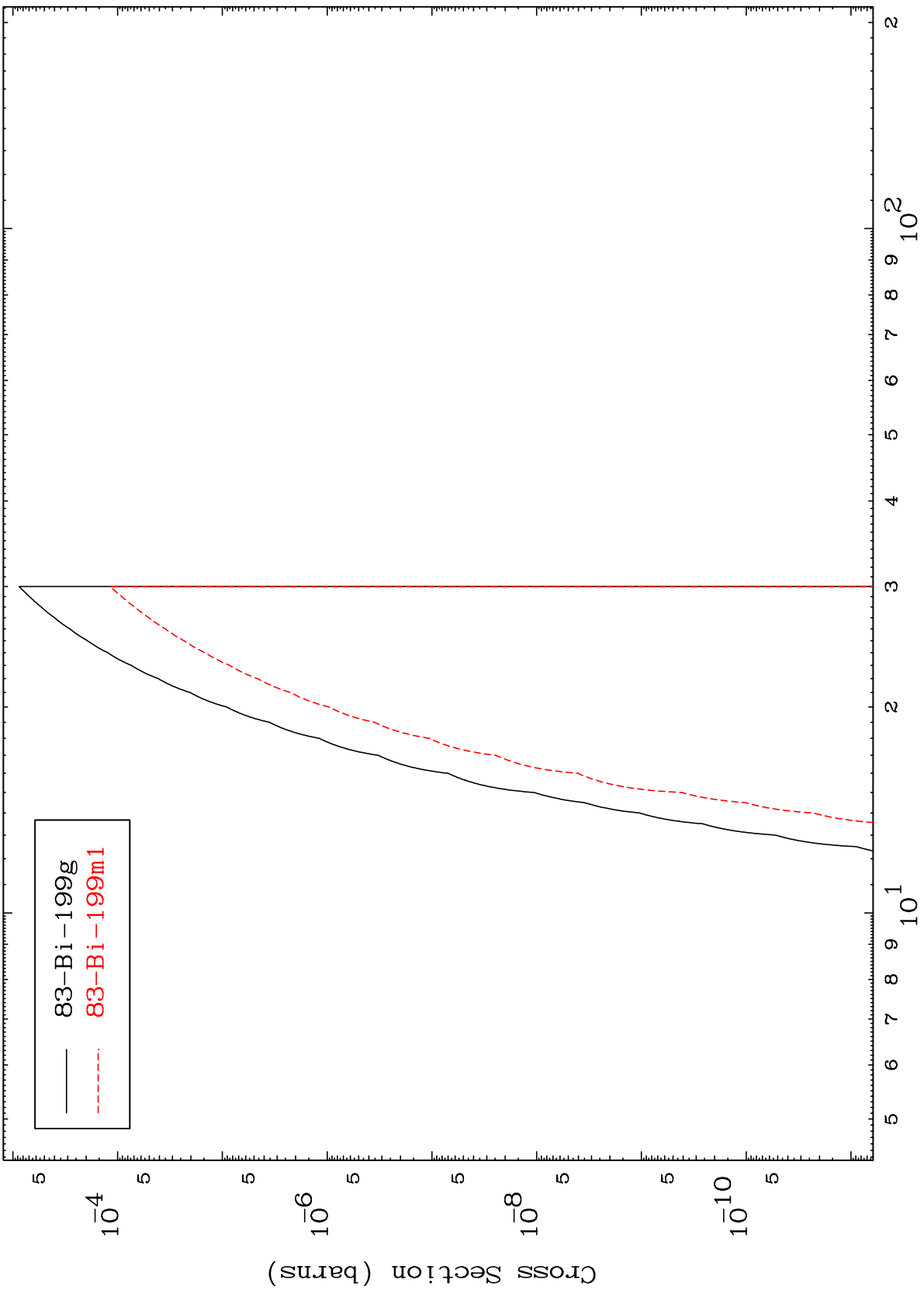


MAT 8519

(n,2n) p

85-At-201

Radionuclide Production Cross Section



83-Bi-199g
83-Bi-199m1

57

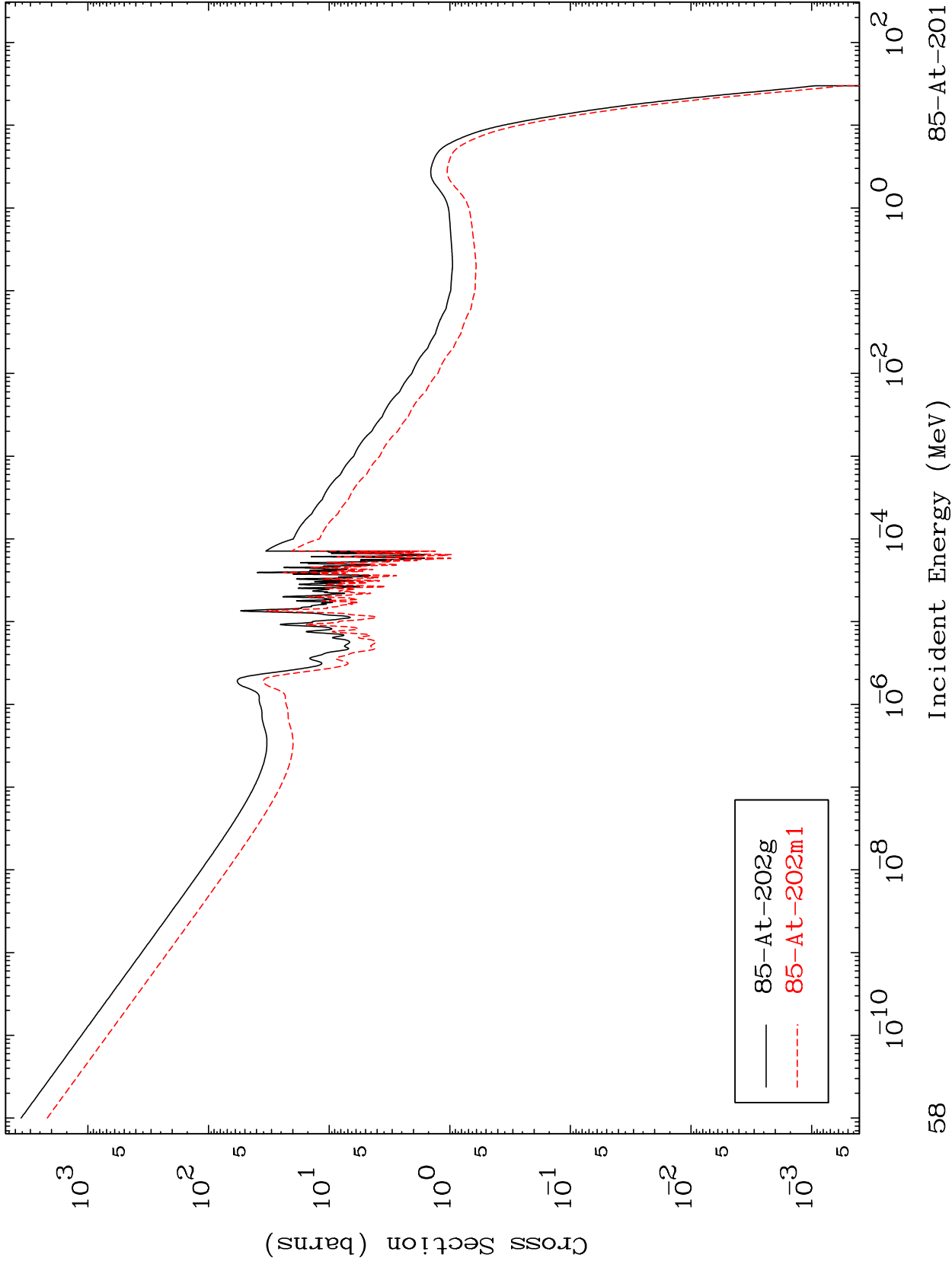
Incident Energy (MeV)

85-At-201

MAT 8519

85-At-201

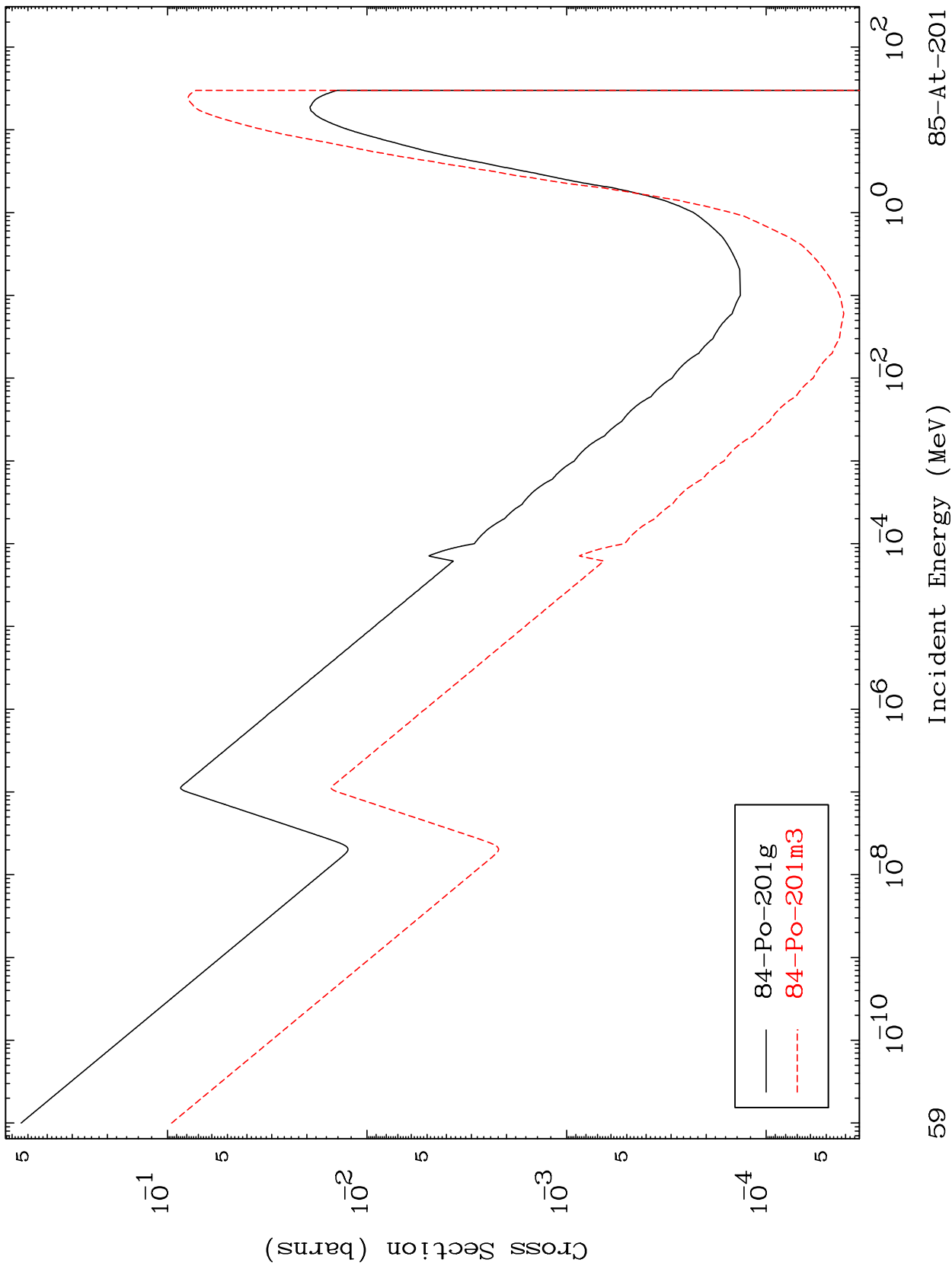
(n, γ)
Radionuclide Production Cross Section



MAT 8519

85-At-201

Radionuclide Production Cross Section (n,p)

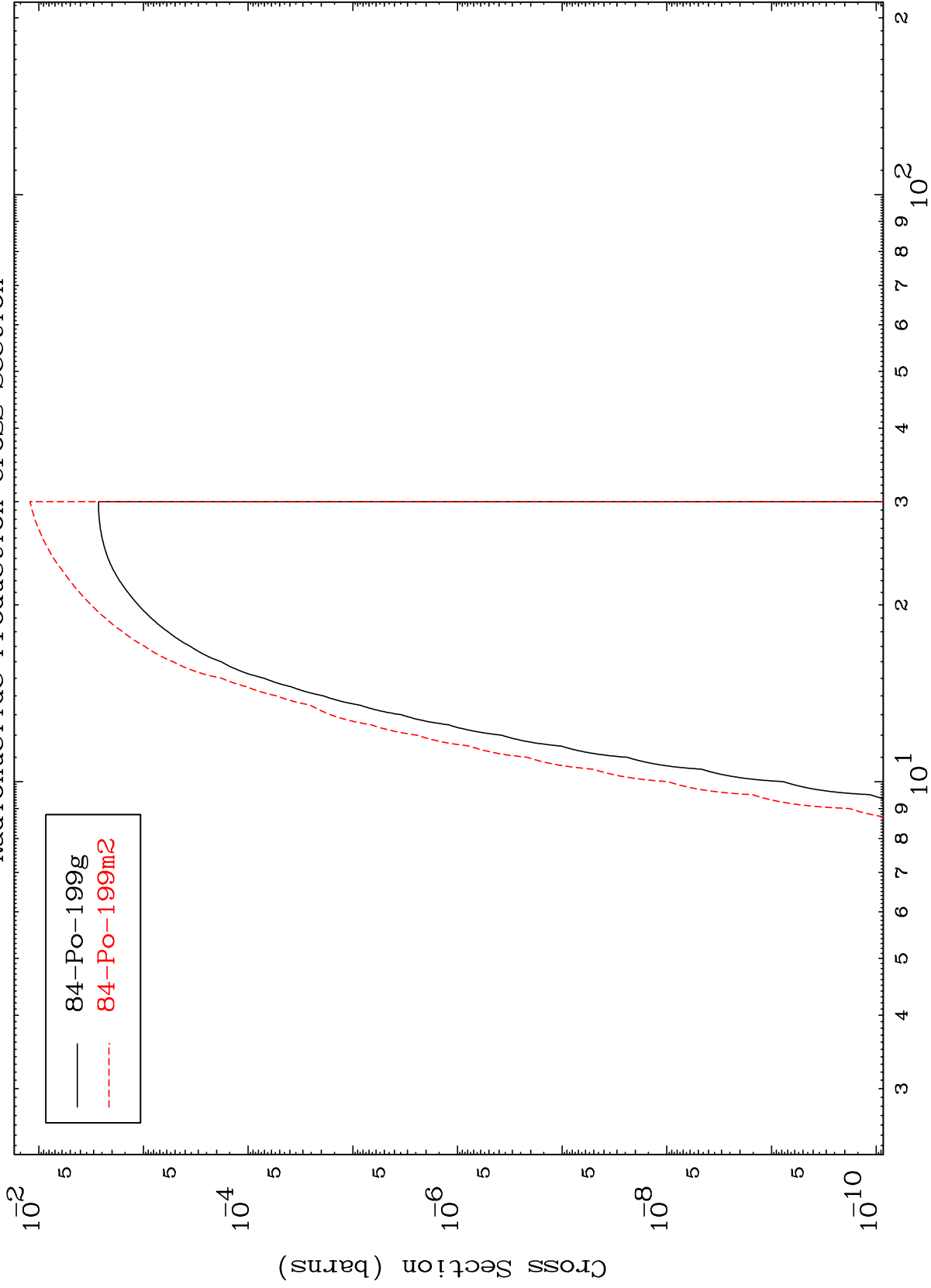


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MAT 8519

85-At-201

Radionuclide Production Cross Section



60

Incident Energy (MeV)

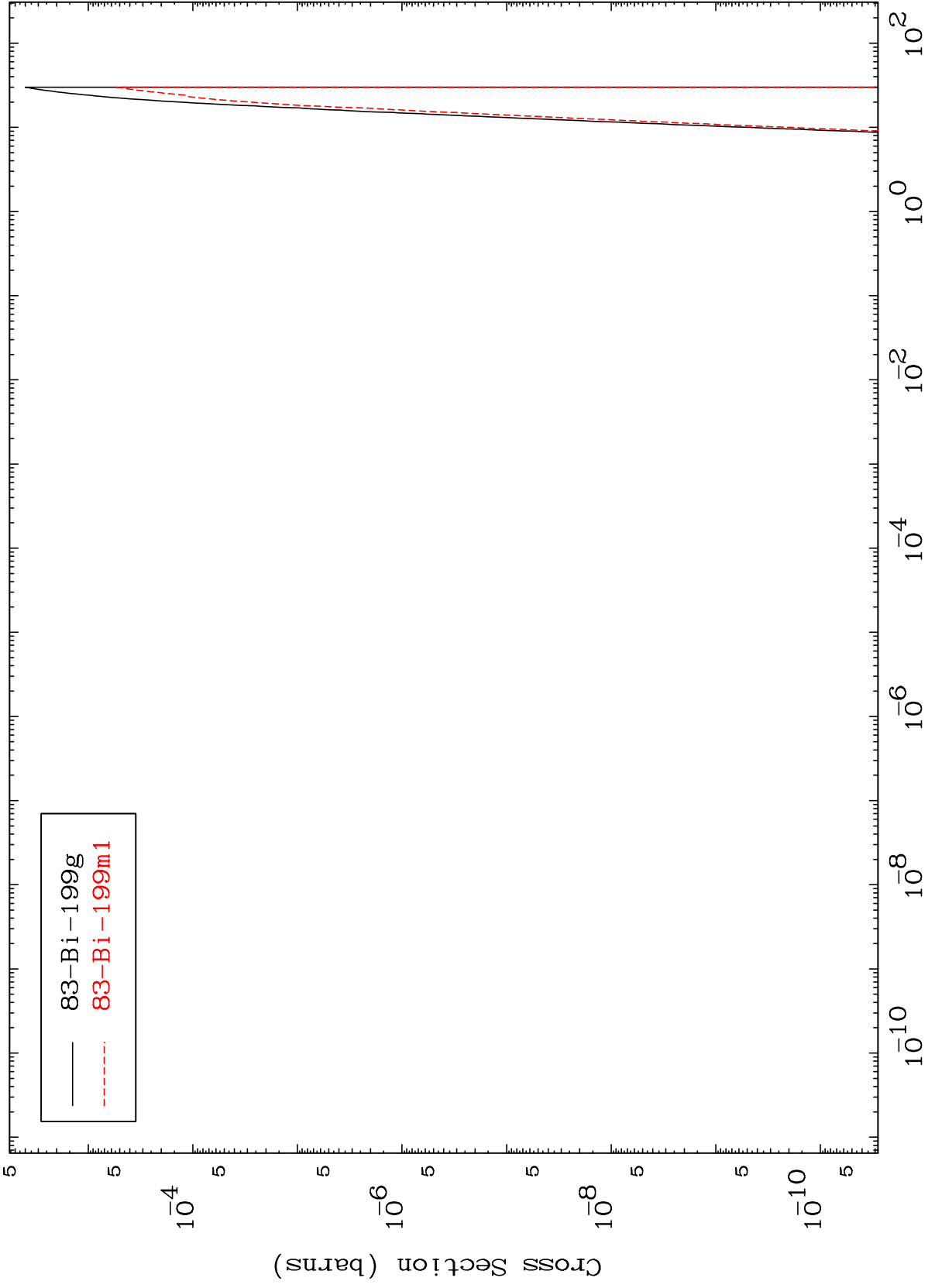
85-At-201

MAT 8519

(n,He-3)

85-At-201

Radionuclide Production Cross Section



83-Bi-199g
83-Bi-199m1

61

Incident Energy (MeV)

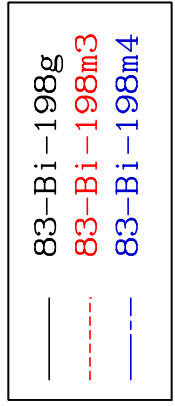
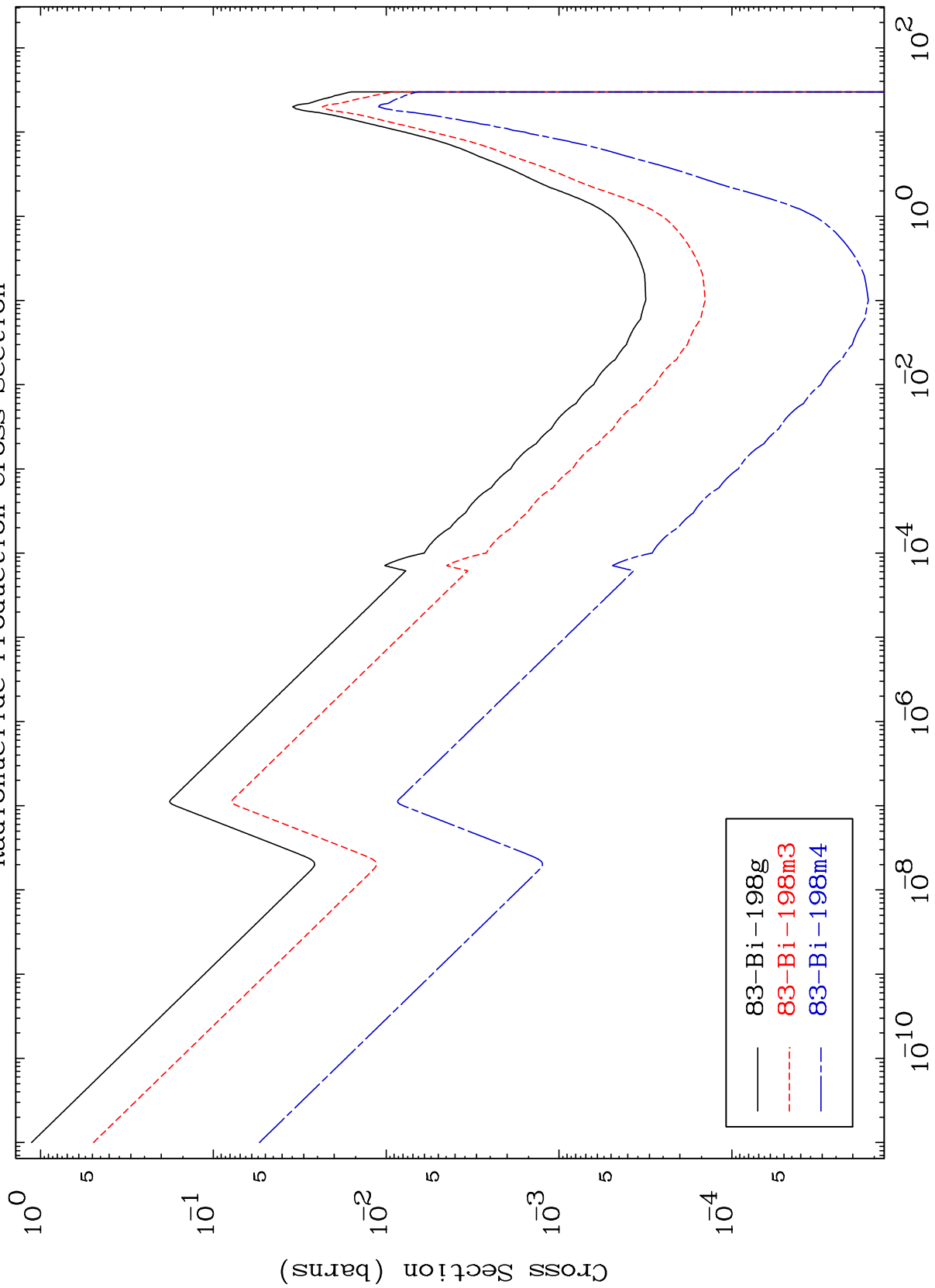
85-At-201

MAT 8519

85-At-201

Radionuclide Production Cross Section

(n, α)



62

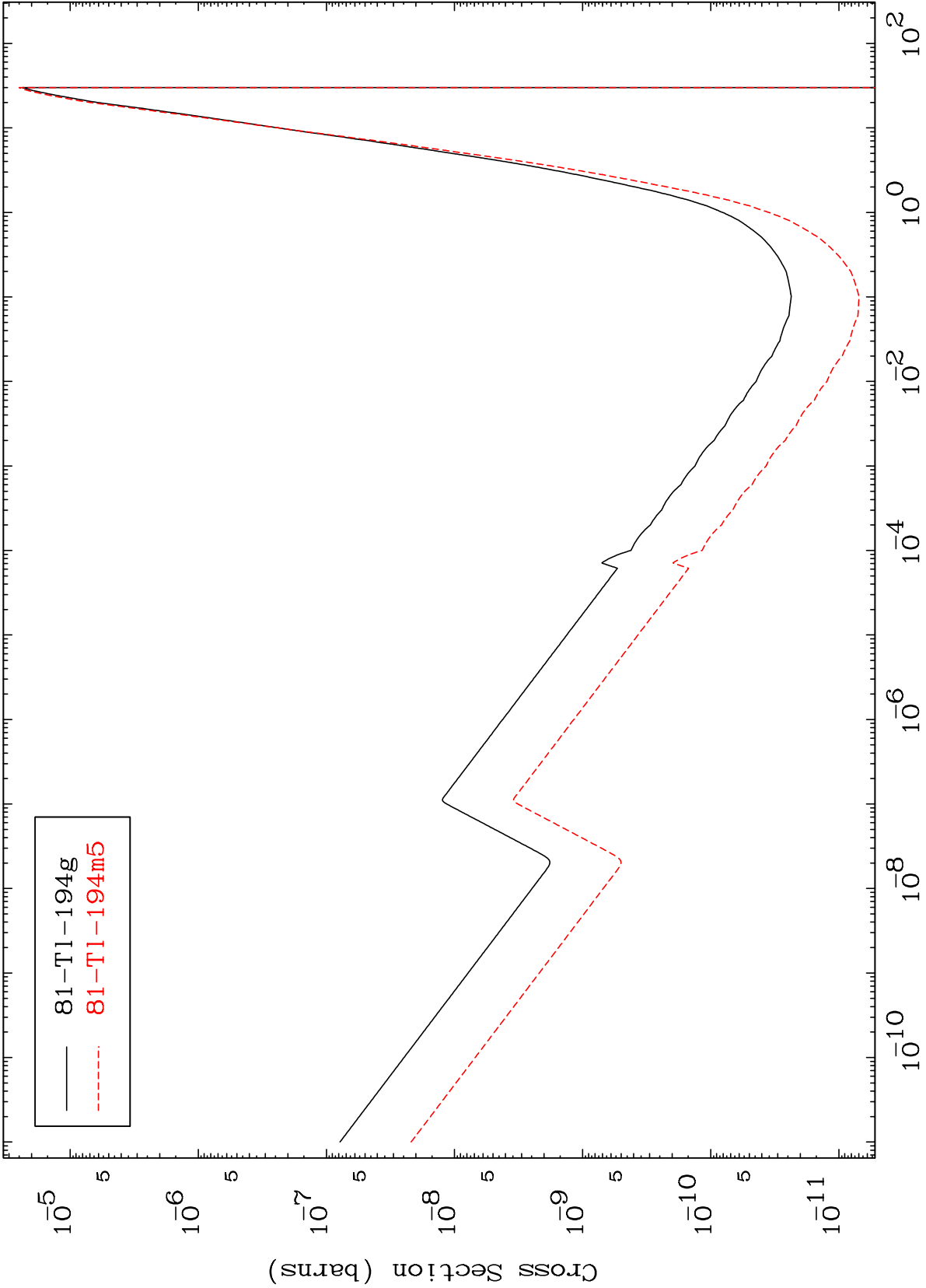
85-At-201

MAT 8519

(n,2α)

85-At-201

Radionuclide Production Cross Section



81-Tl-194g
81-Tl-194m5

63

Incident Energy (MeV)

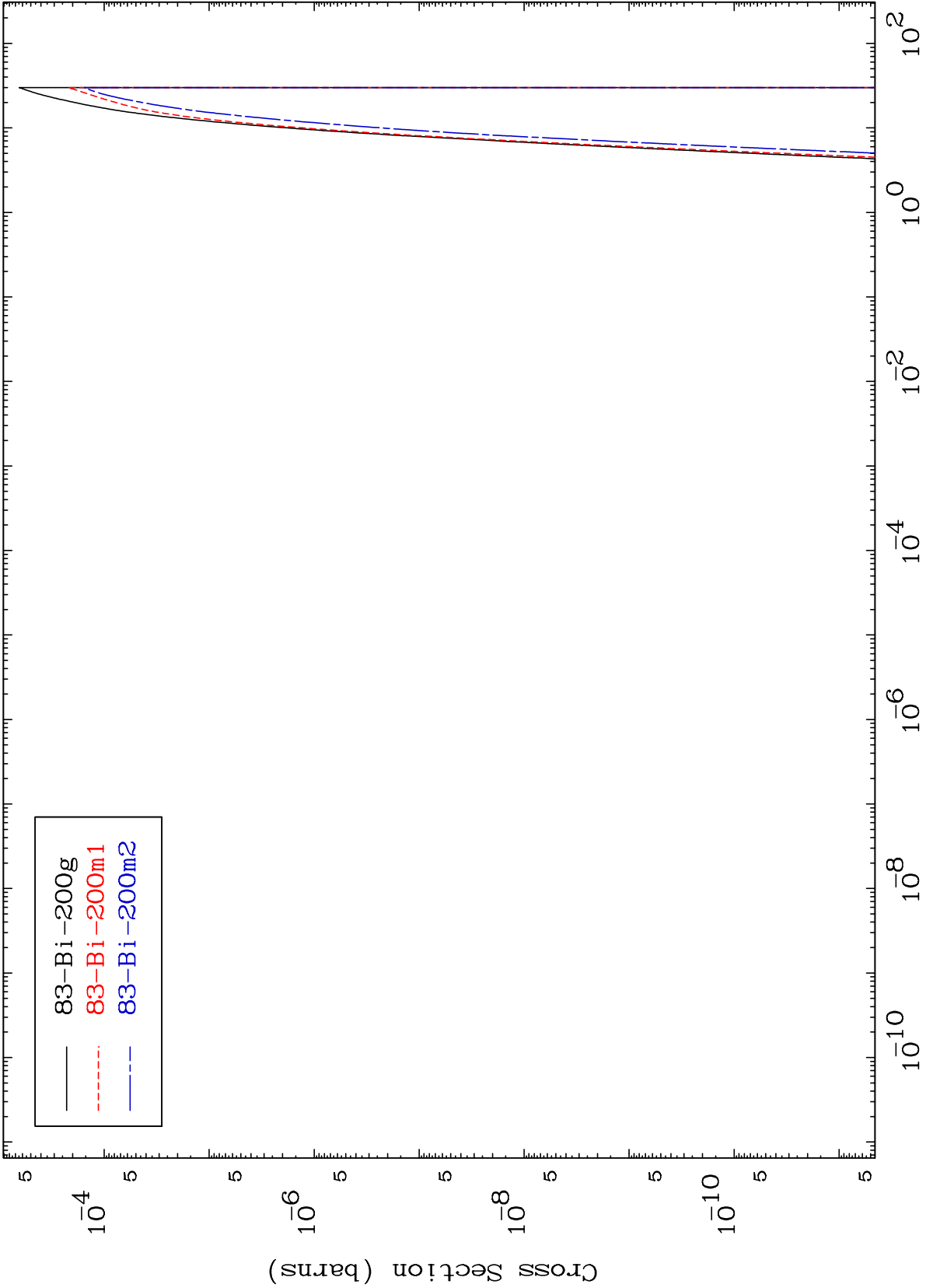
85-At-201

MAT 8519

(n,2p)

85-At-201

Radionuclide Production Cross Section



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

64

Incident Energy (MeV)

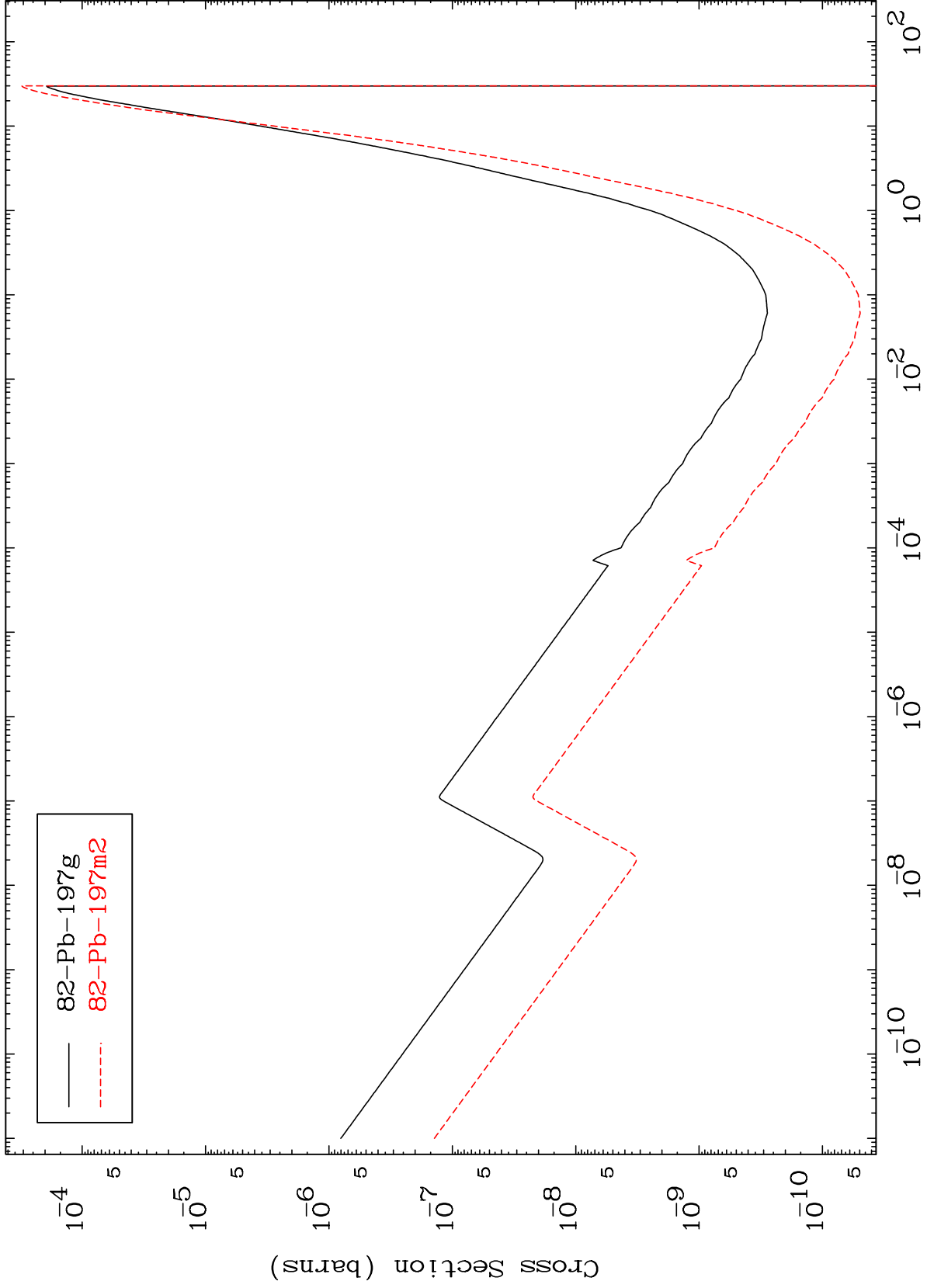
85-At-201

MAT 8519

(n,p) α

85-At-201

Radionuclide Production Cross Section

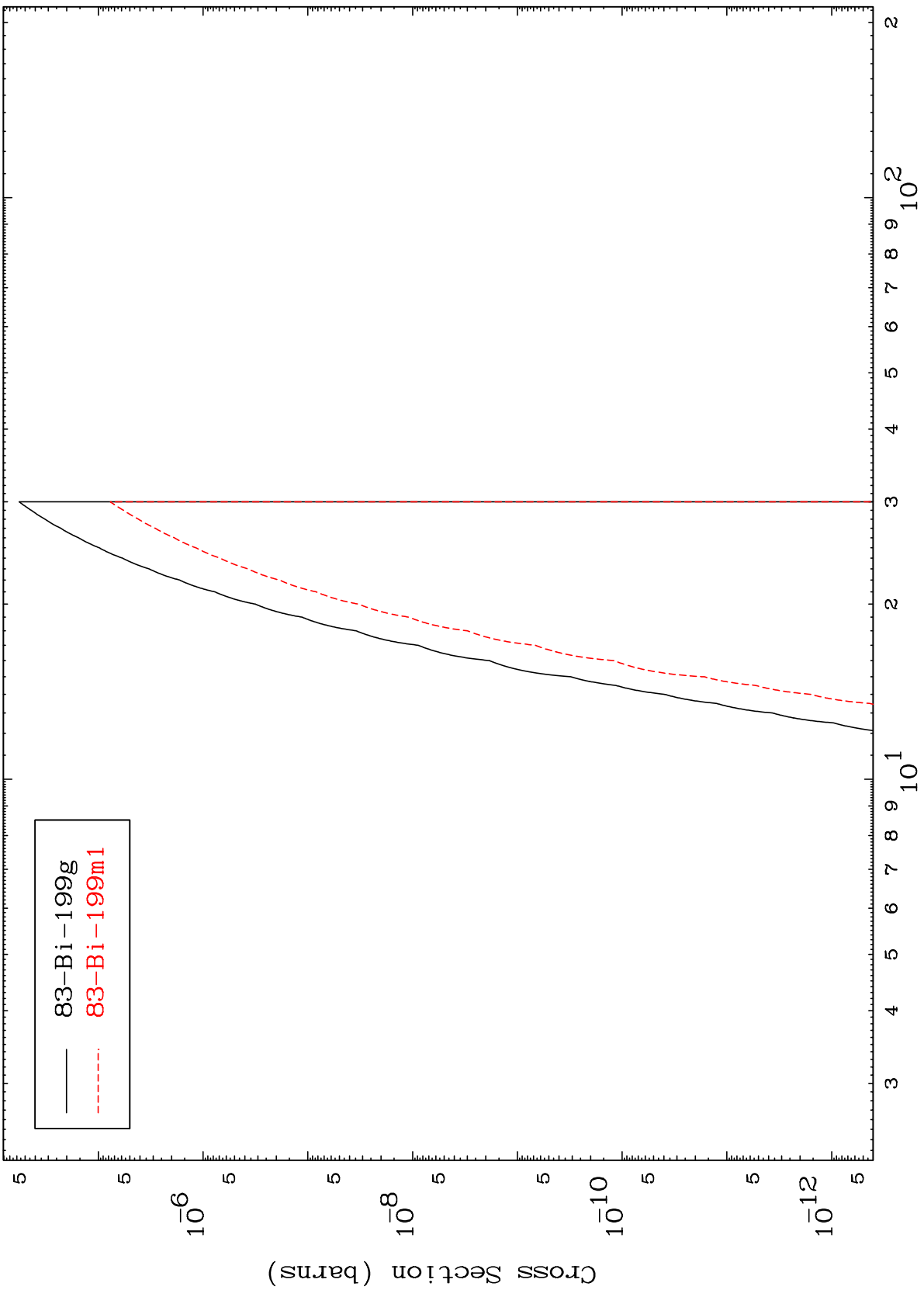


65

Incident Energy (MeV)

85-At-201

Radionuclide Production Cross Section



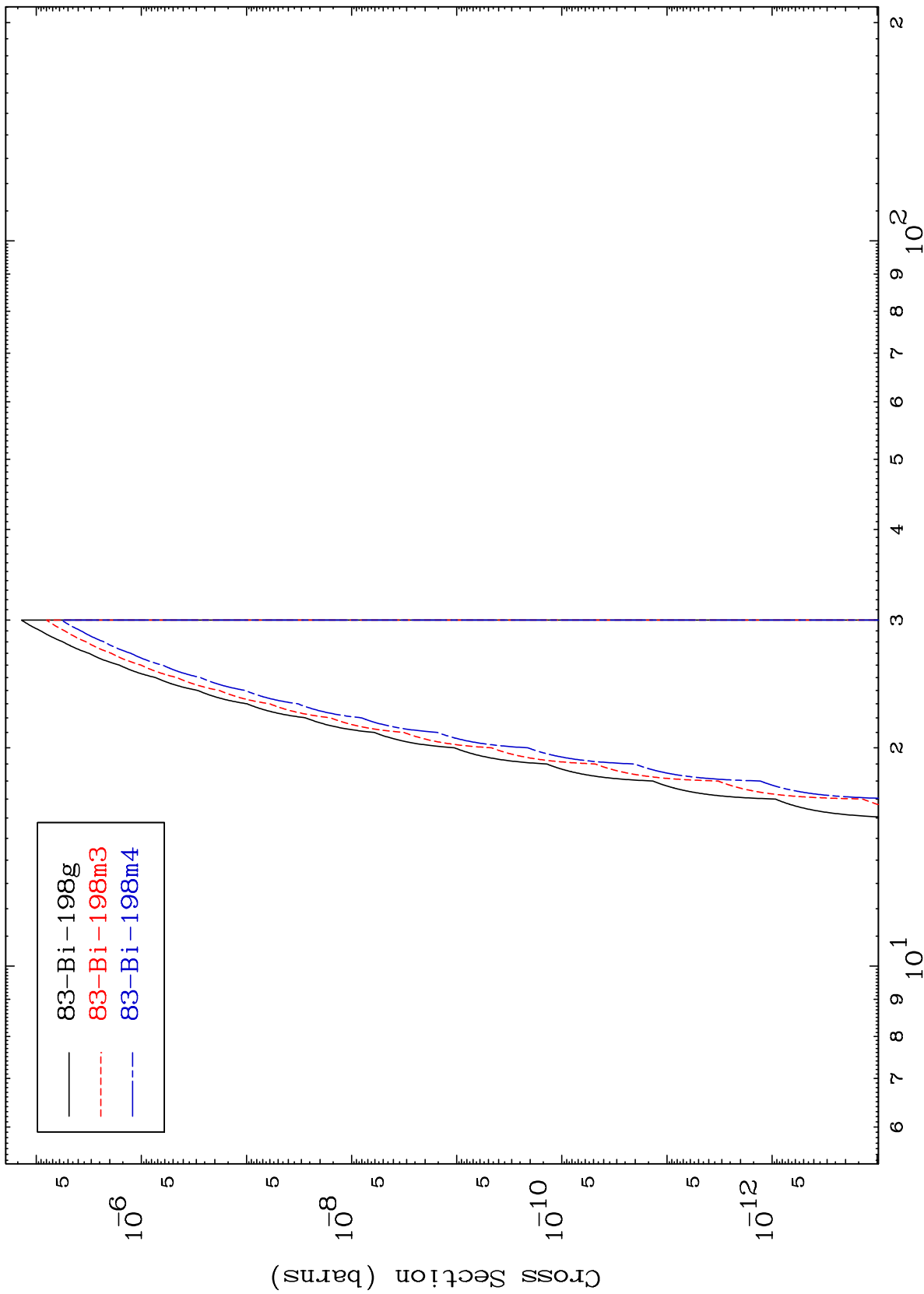
— 83-Bi-199g
- - - 83-Bi-199m1

MAT 8519

(n,p) t

85-At-201

Radionuclide Production Cross Section



67

Incident Energy (MeV)

85-At-201