

Program EVALPLOT
(Version 2021-1)

by

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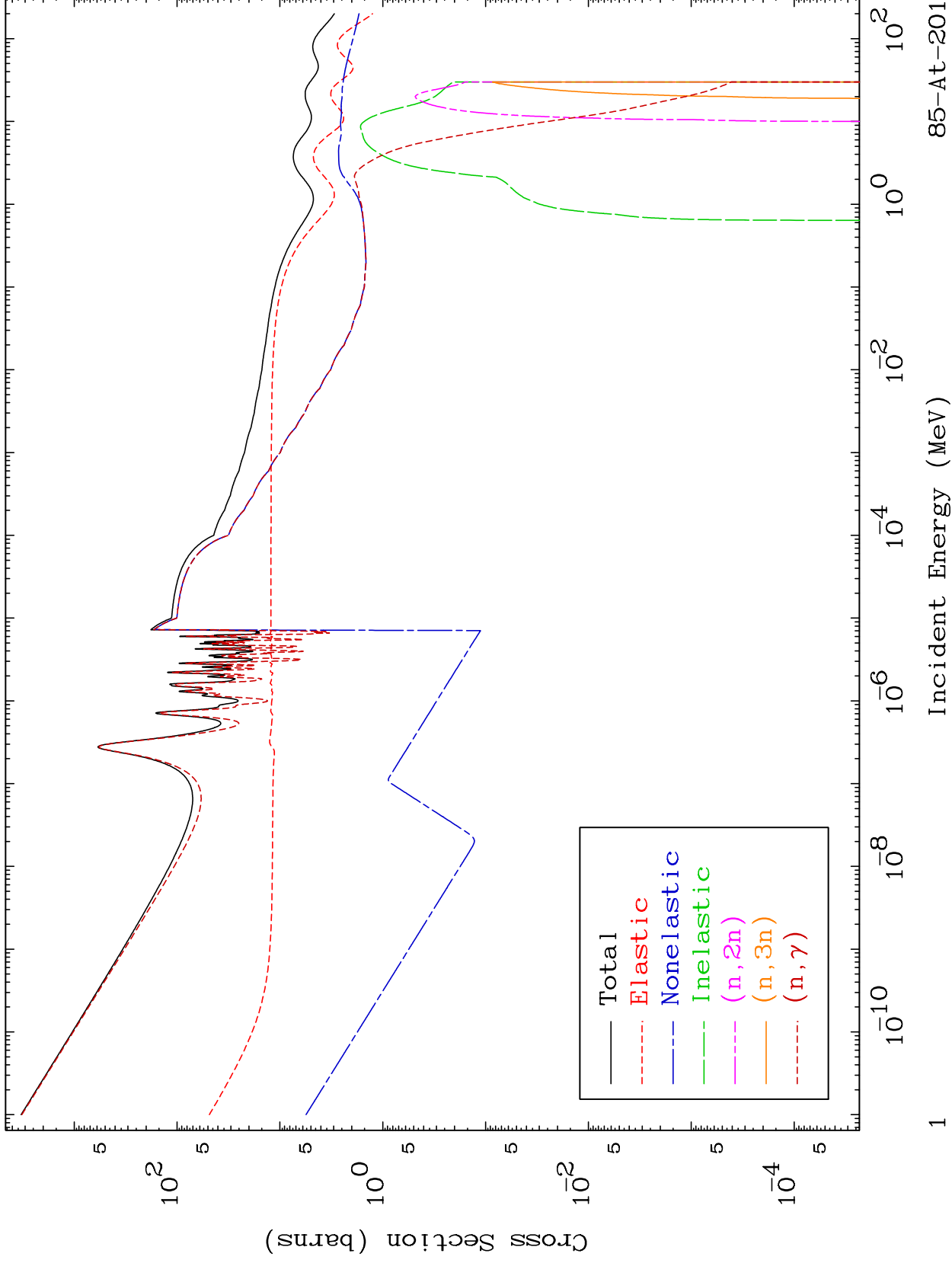
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8519

Neutron Major
293 Kelvin Cross Sections

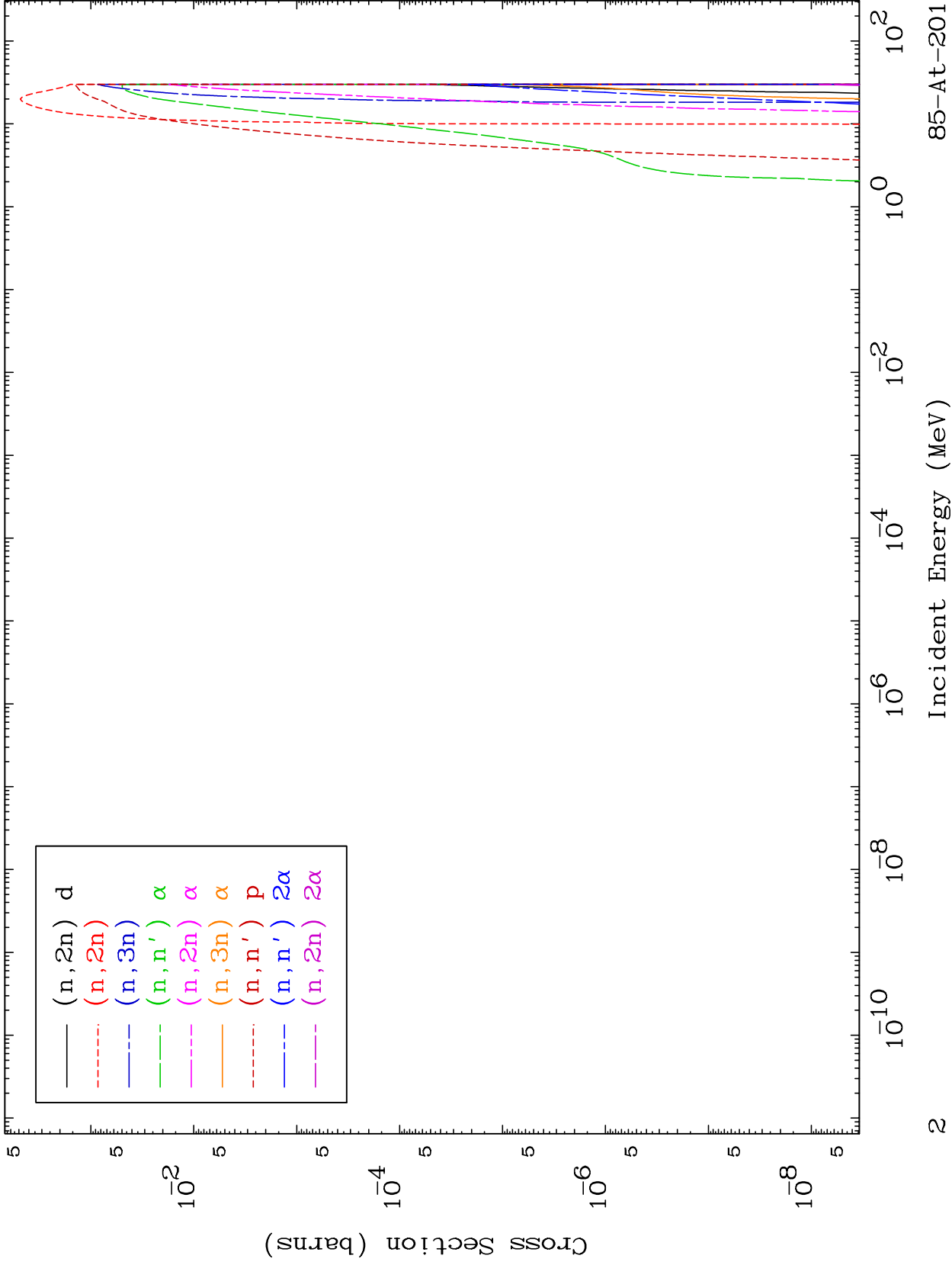
85-At-201



MAT 8519

Neutron Absorption
293 Kelvin Cross Sections

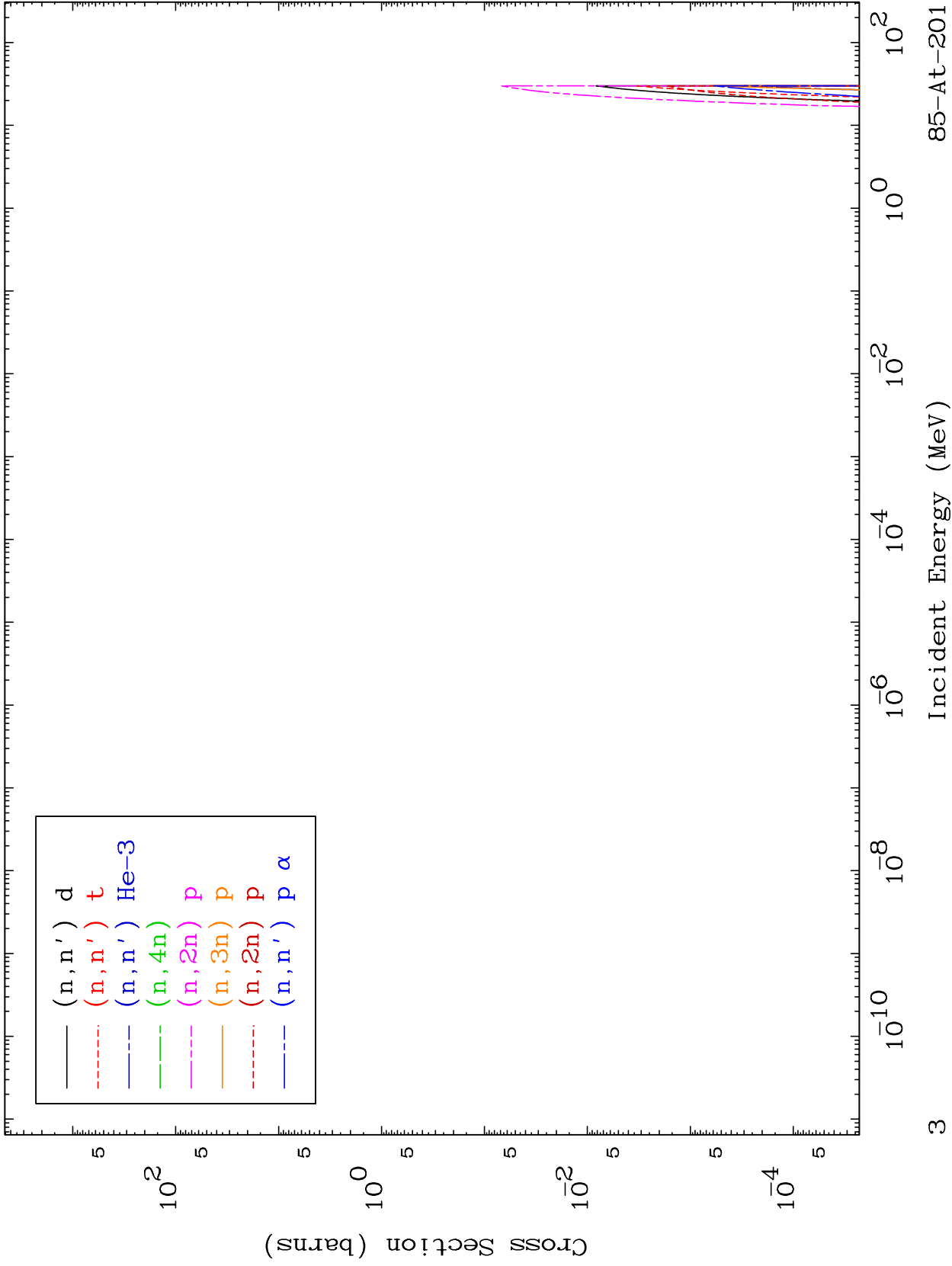
85-At-201



MAT 8519

Neutron Absorption
293 Kelvin Cross Sections

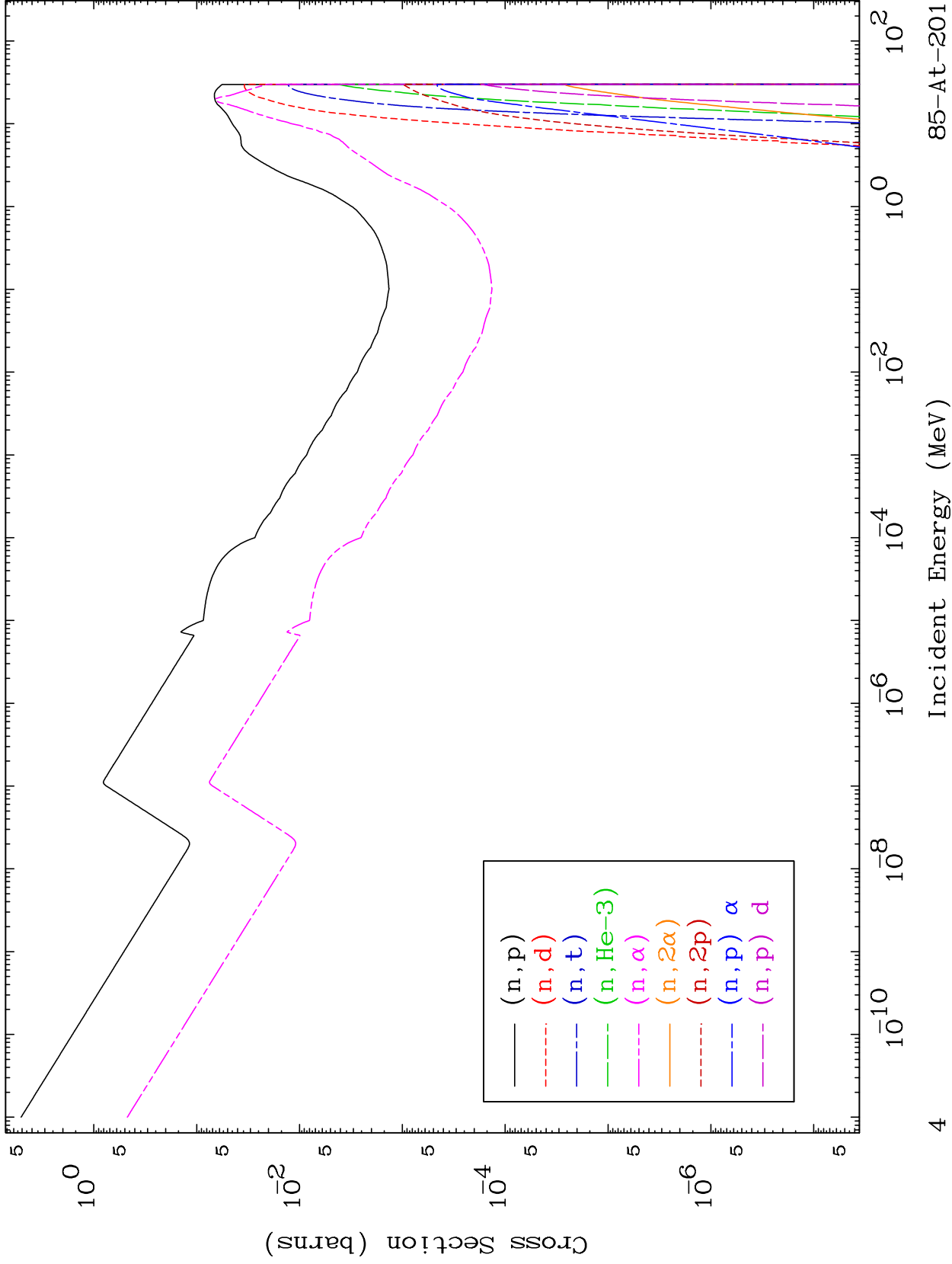
85-At-201

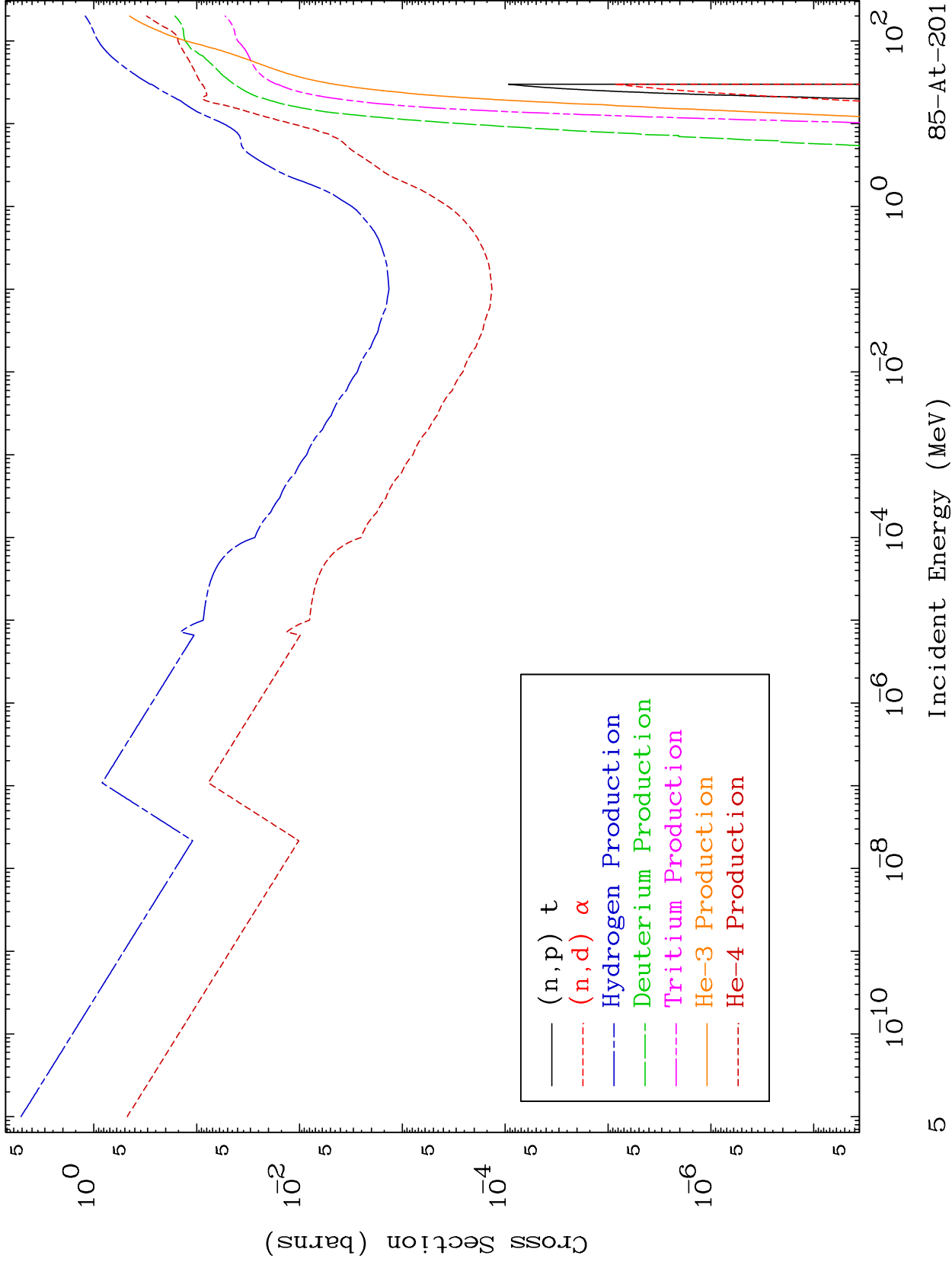


MAT 8519

Neutron Absorption
293 Kelvin Cross Sections

85-At-201

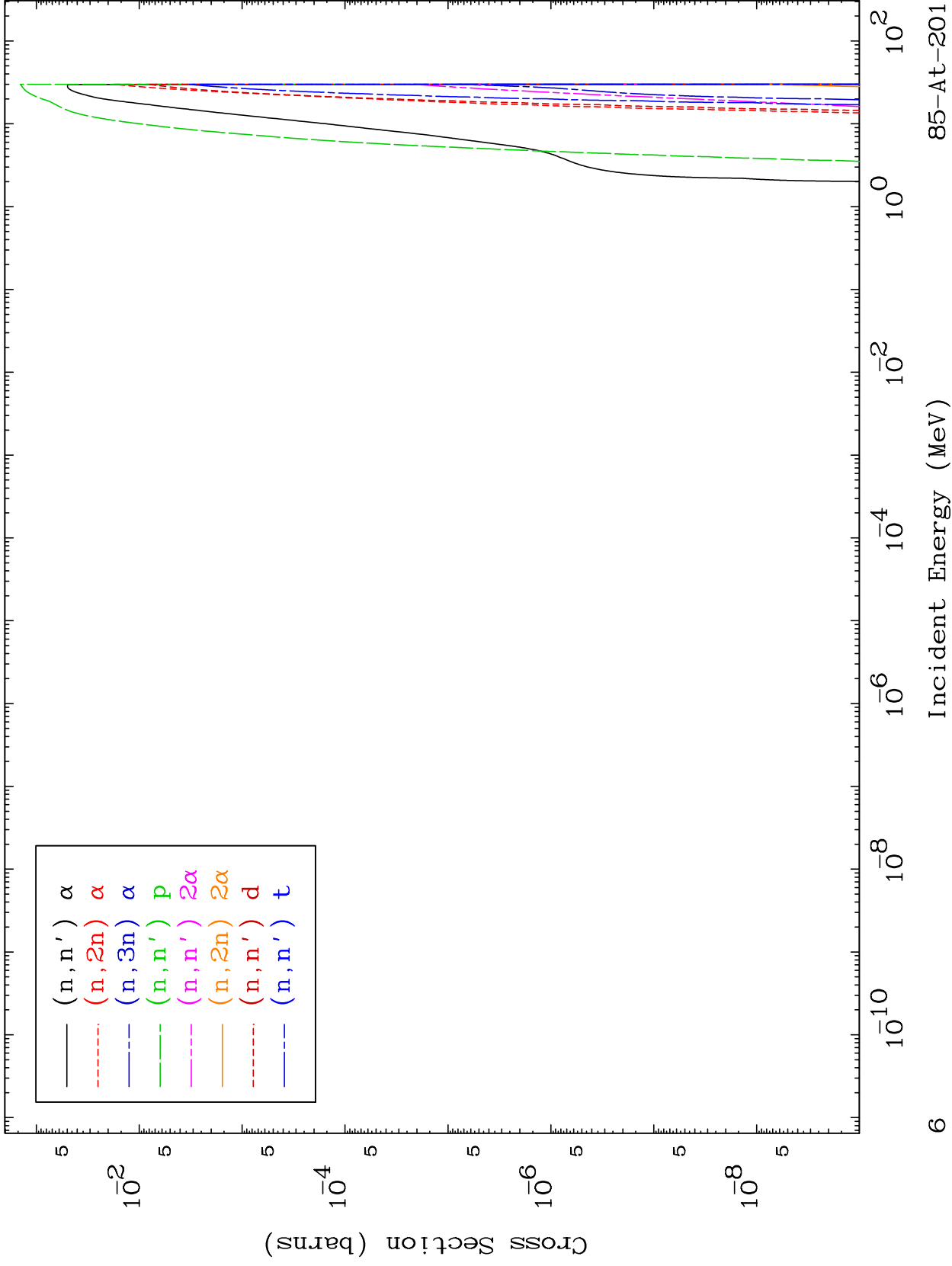




MAT 8519

Charged Particle
293 Kelvin Cross Sections

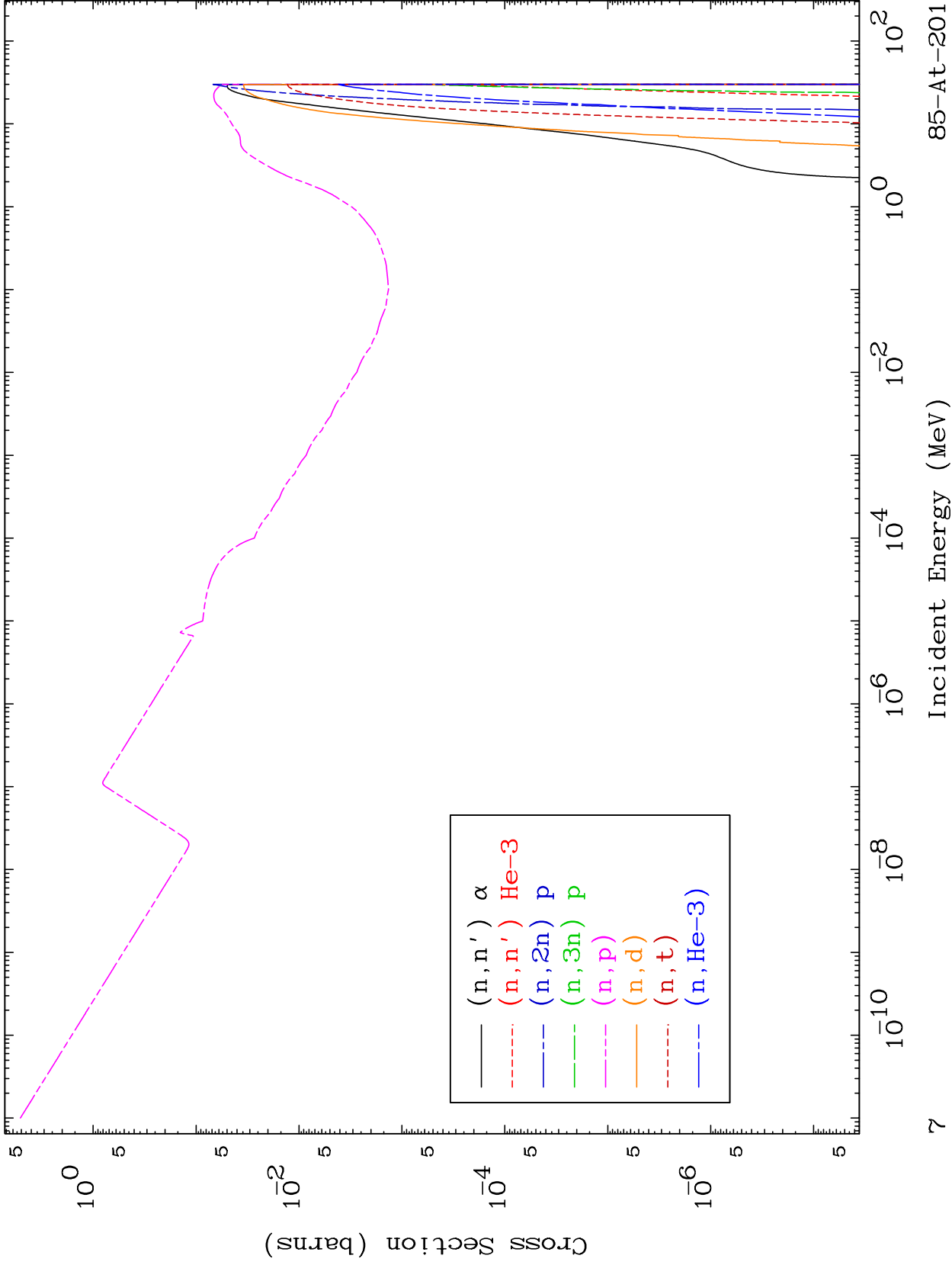
85-At-201



MAT 8519

Charged Particle
293 Kelvin Cross Sections

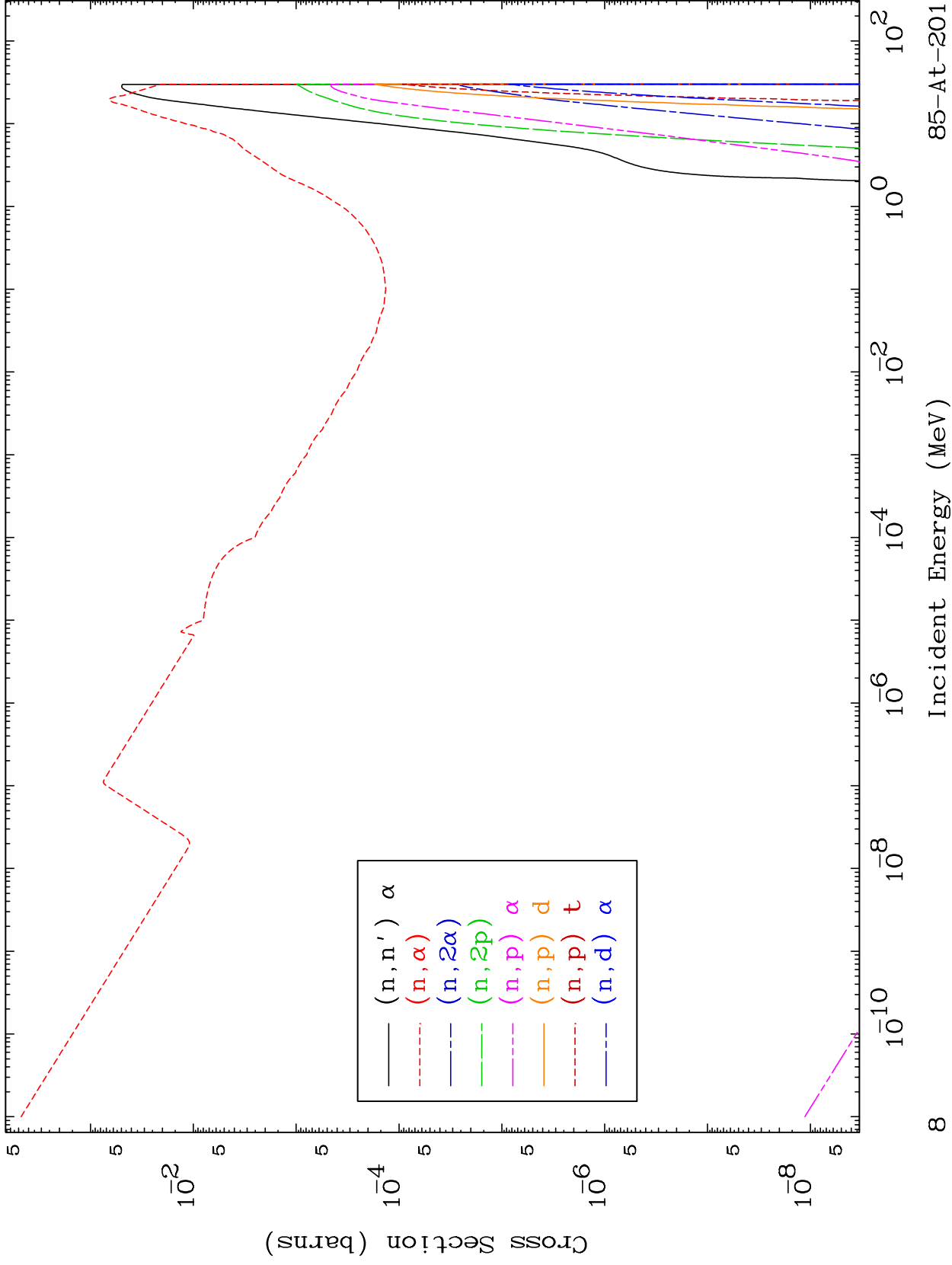
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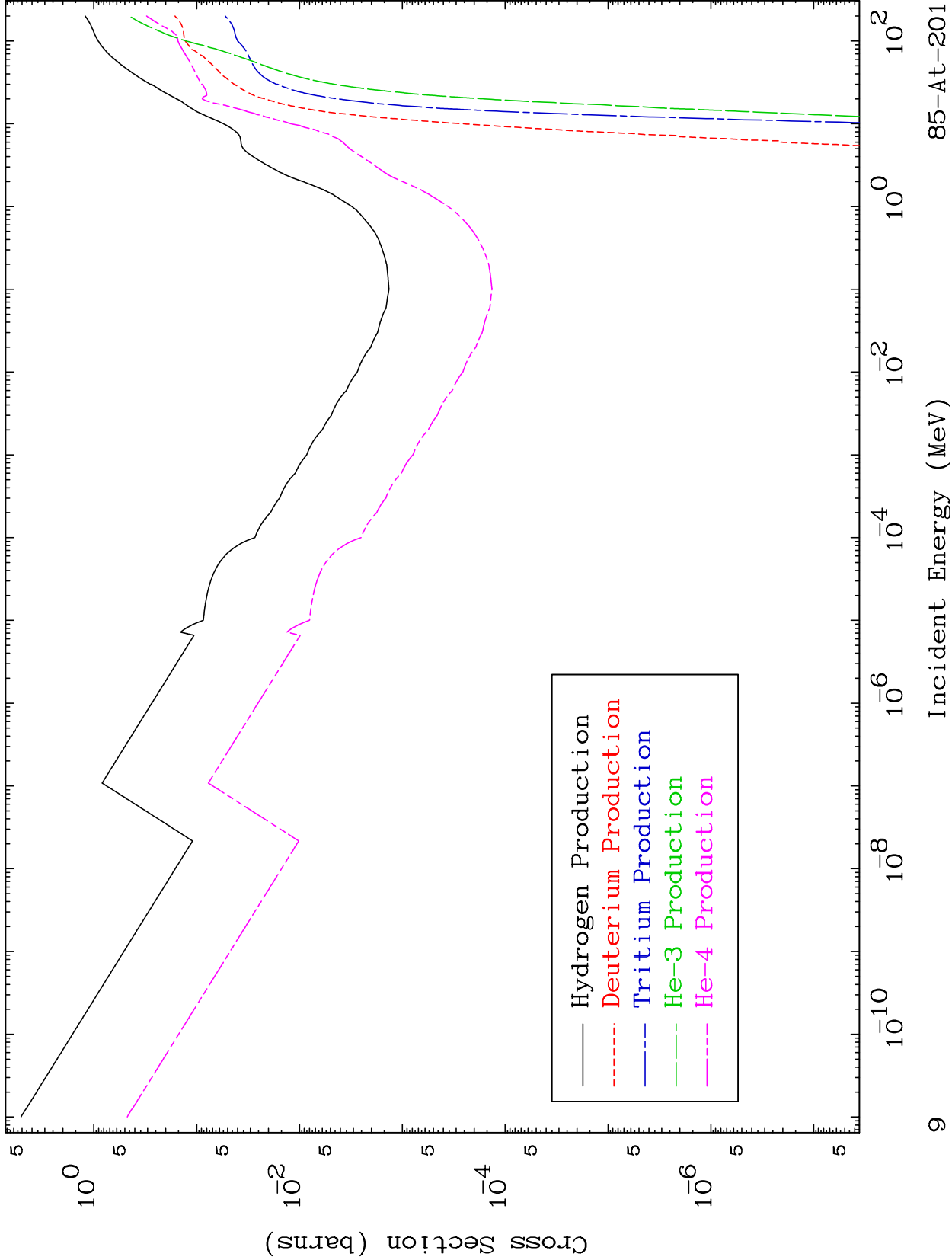


MAT 8519

Charged Particle
293 Kelvin Cross Sections

85-At-201



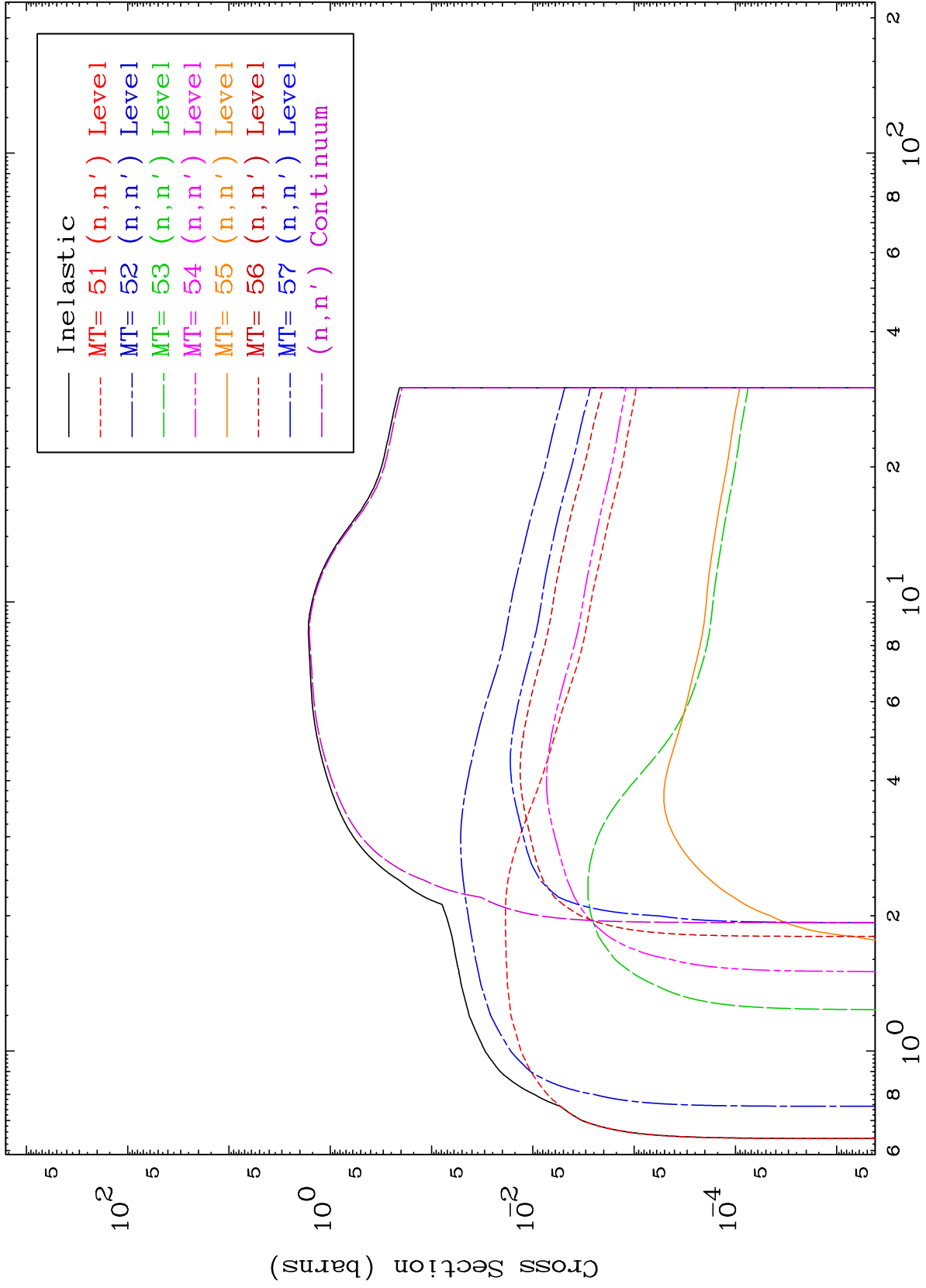


MAT 8519

(n,n') Levels

85-At-201

293 Kelvin Cross Sections



10

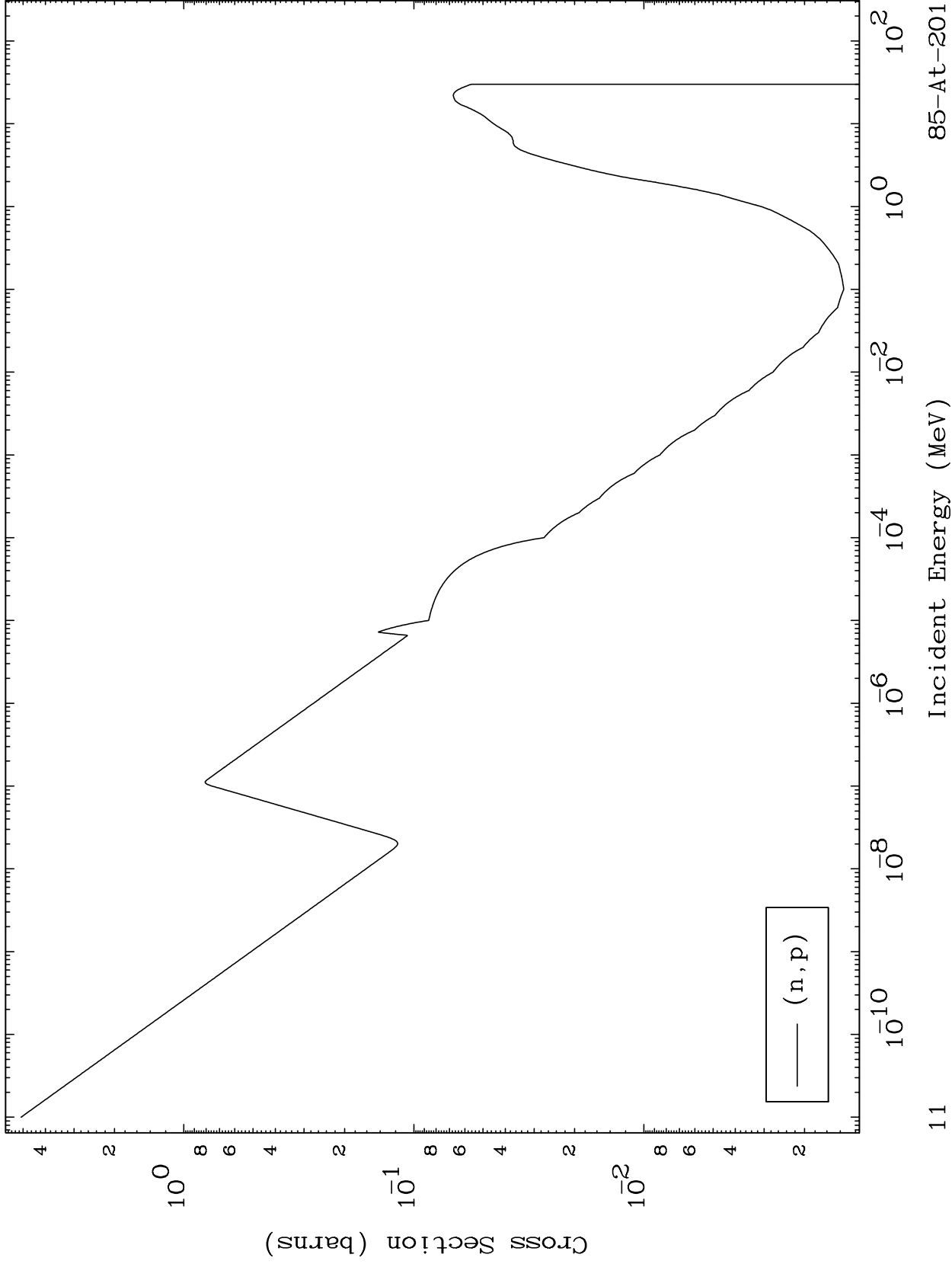
Incident Energy (MeV)

85-At-201

MAT 8519

(n,p) Levels
293 Kelvin Cross Sections

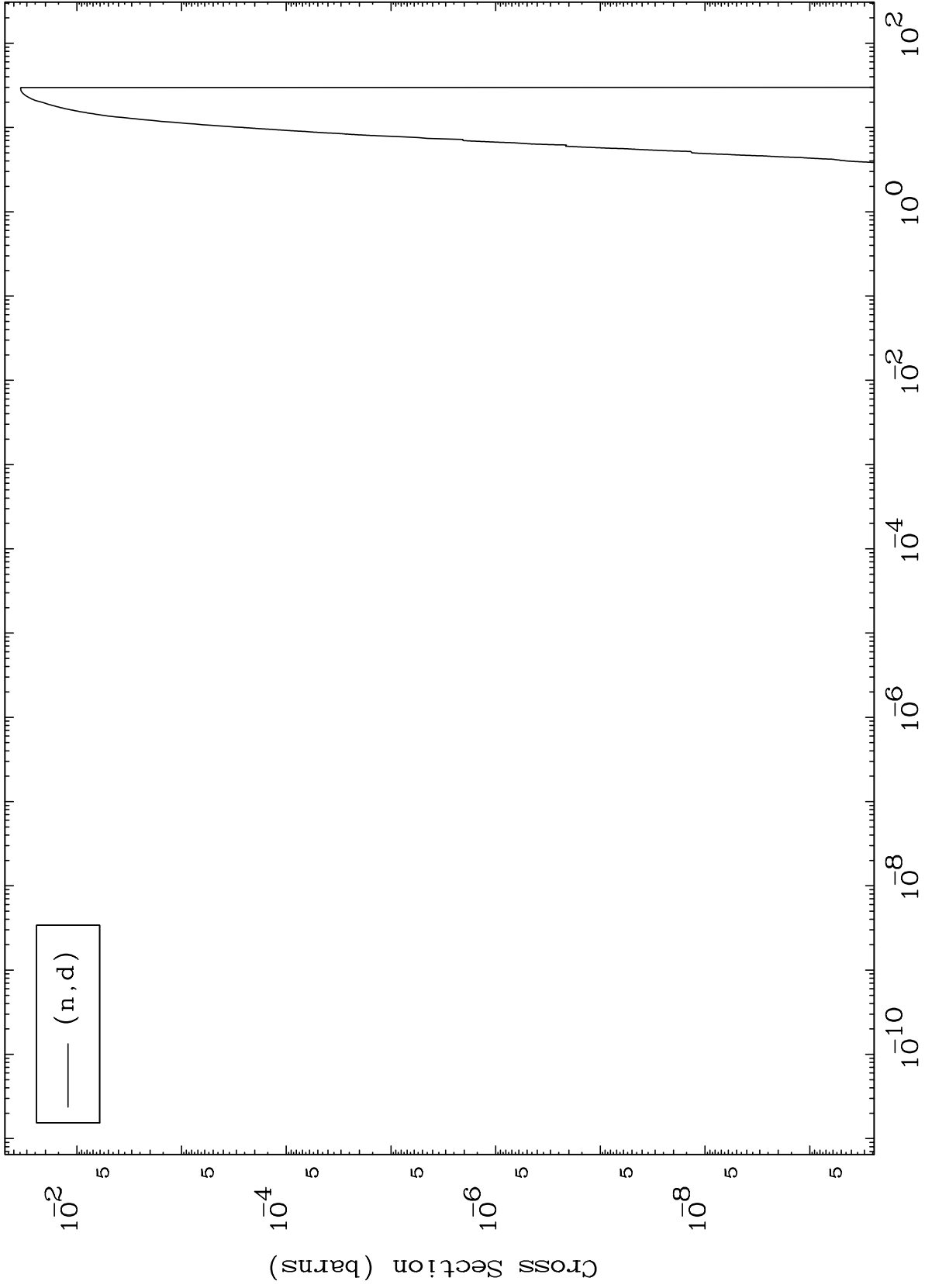
85-At-201



MAT 8519

(n,d) Levels
293 Kelvin Cross Sections

85-At-201



12

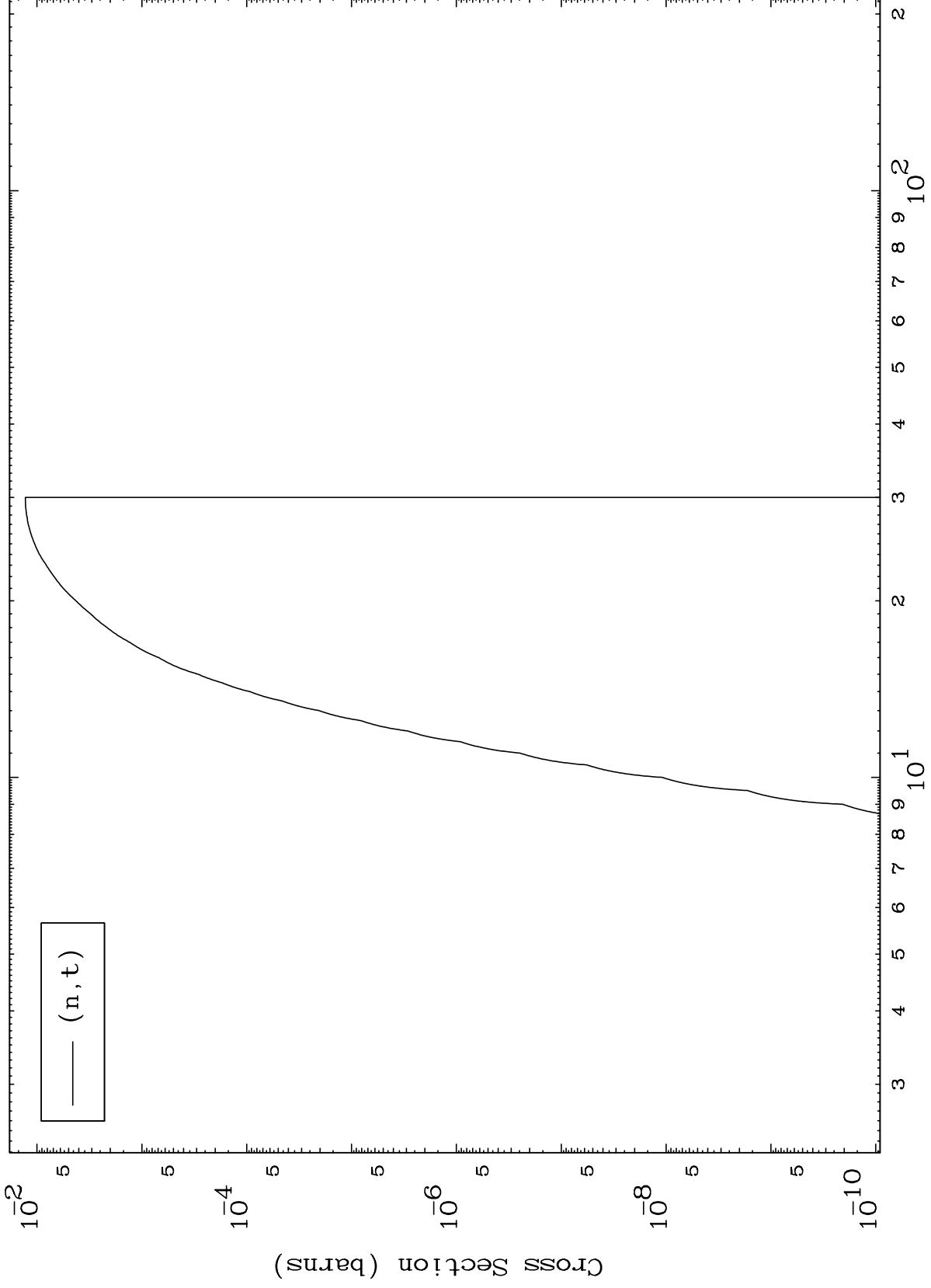
Incident Energy (MeV)

85-At-201

MAT 8519

(n,t) Levels
293 Kelvin Cross Sections

85-At-201



13

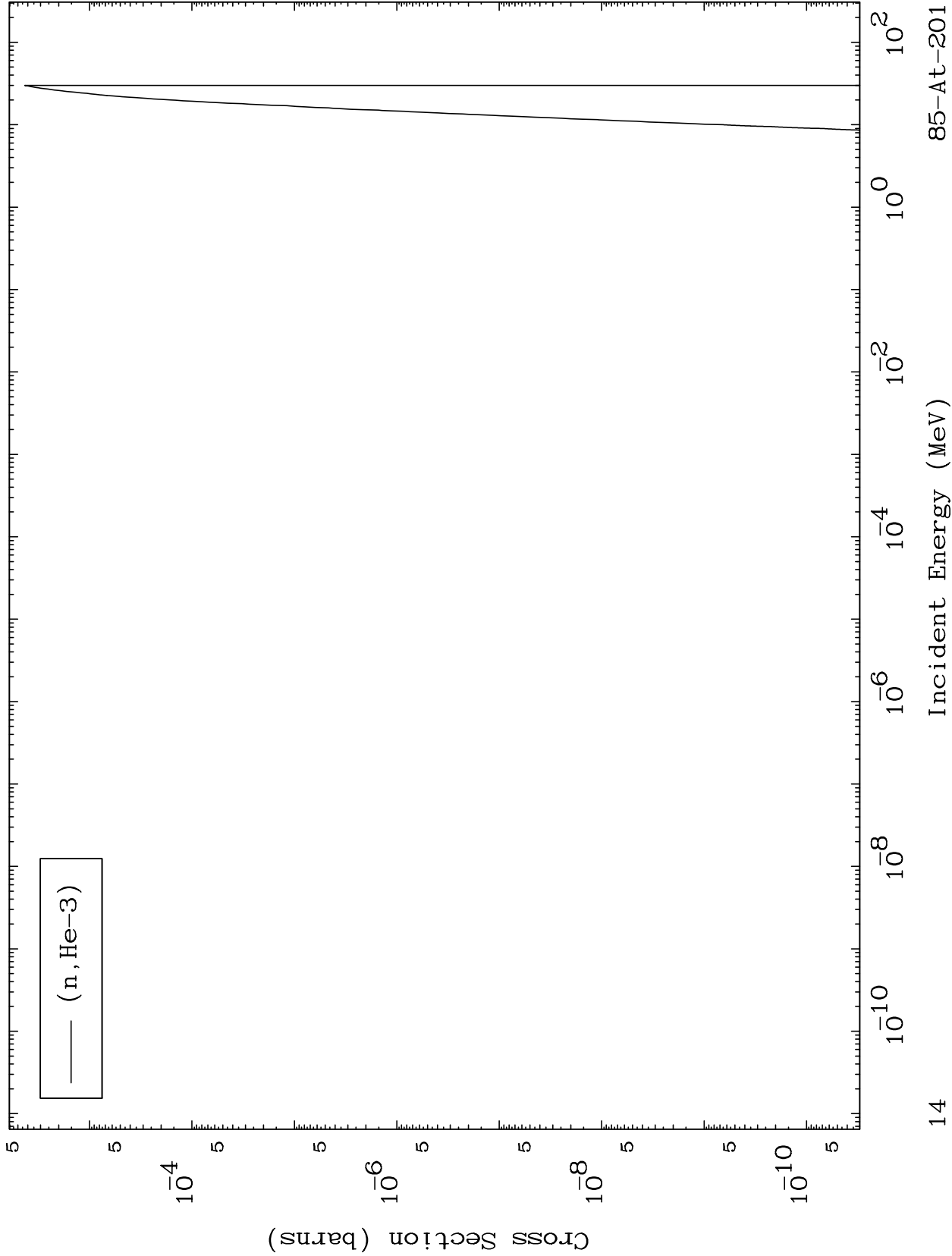
Incident Energy (MeV)

85-At-201

MAT 8519

(n,He3) Levels
293 Kelvin Cross Sections

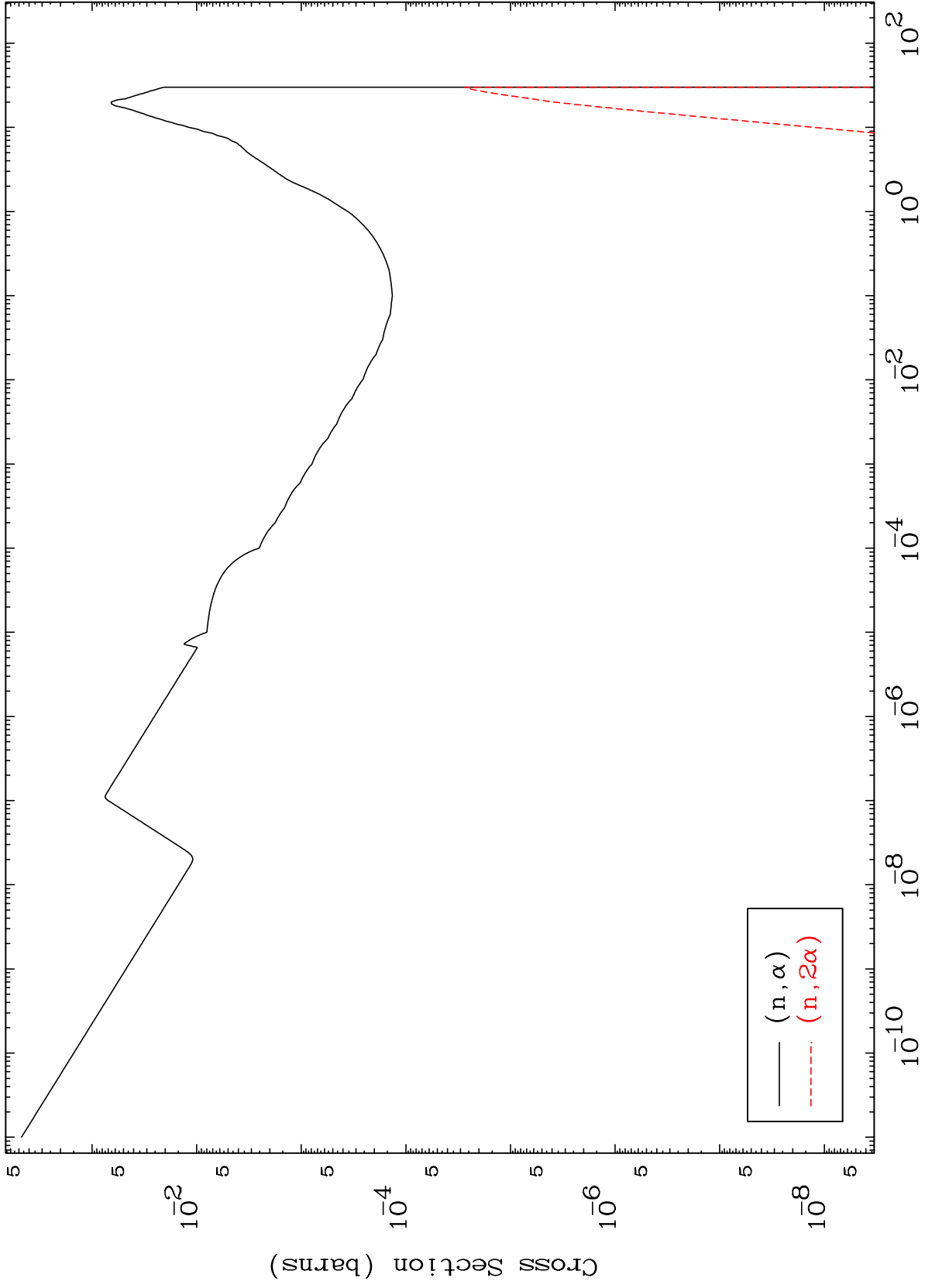
85-At-201



MAT 8519

(n,α) Levels
293 Kelvin Cross Sections

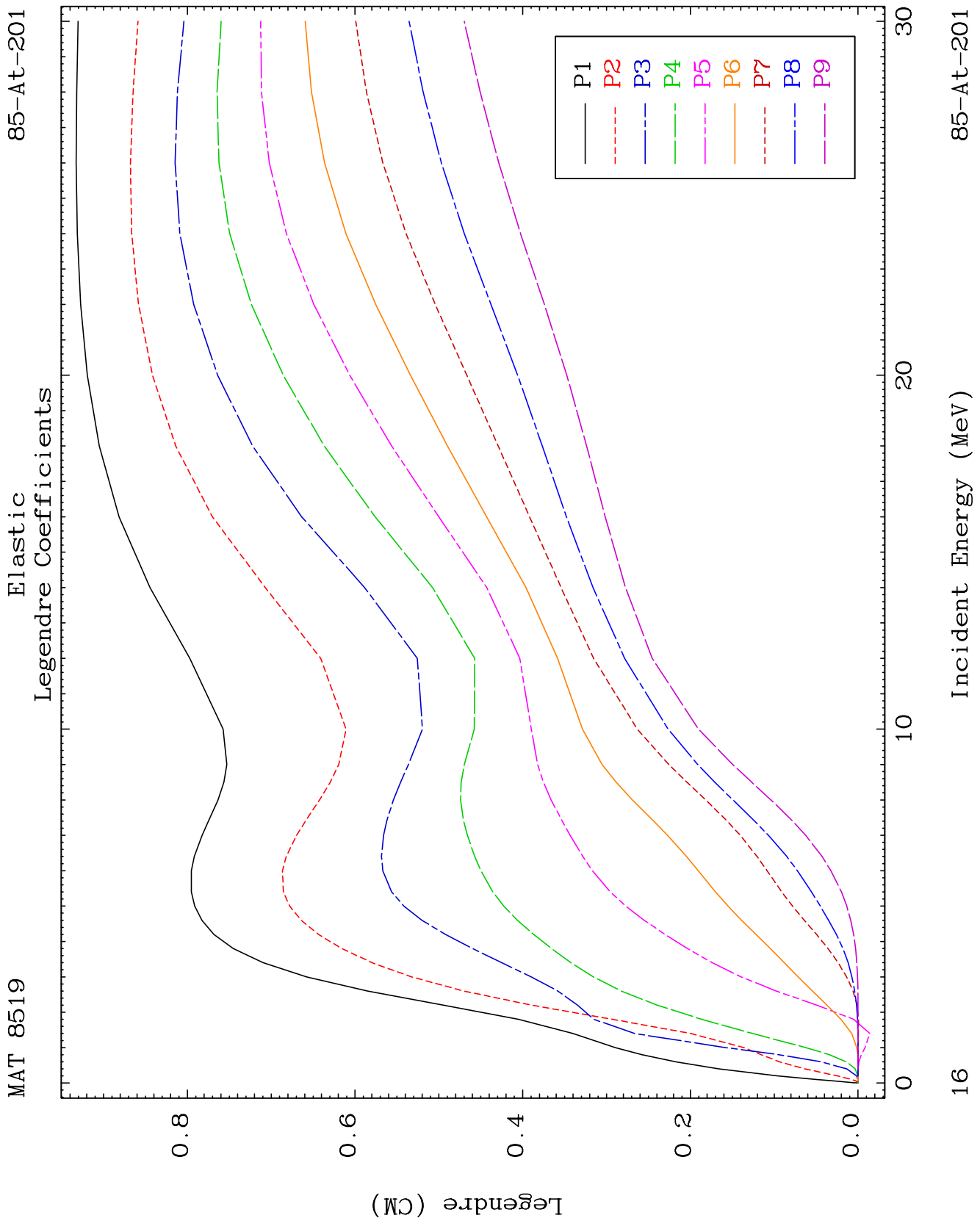
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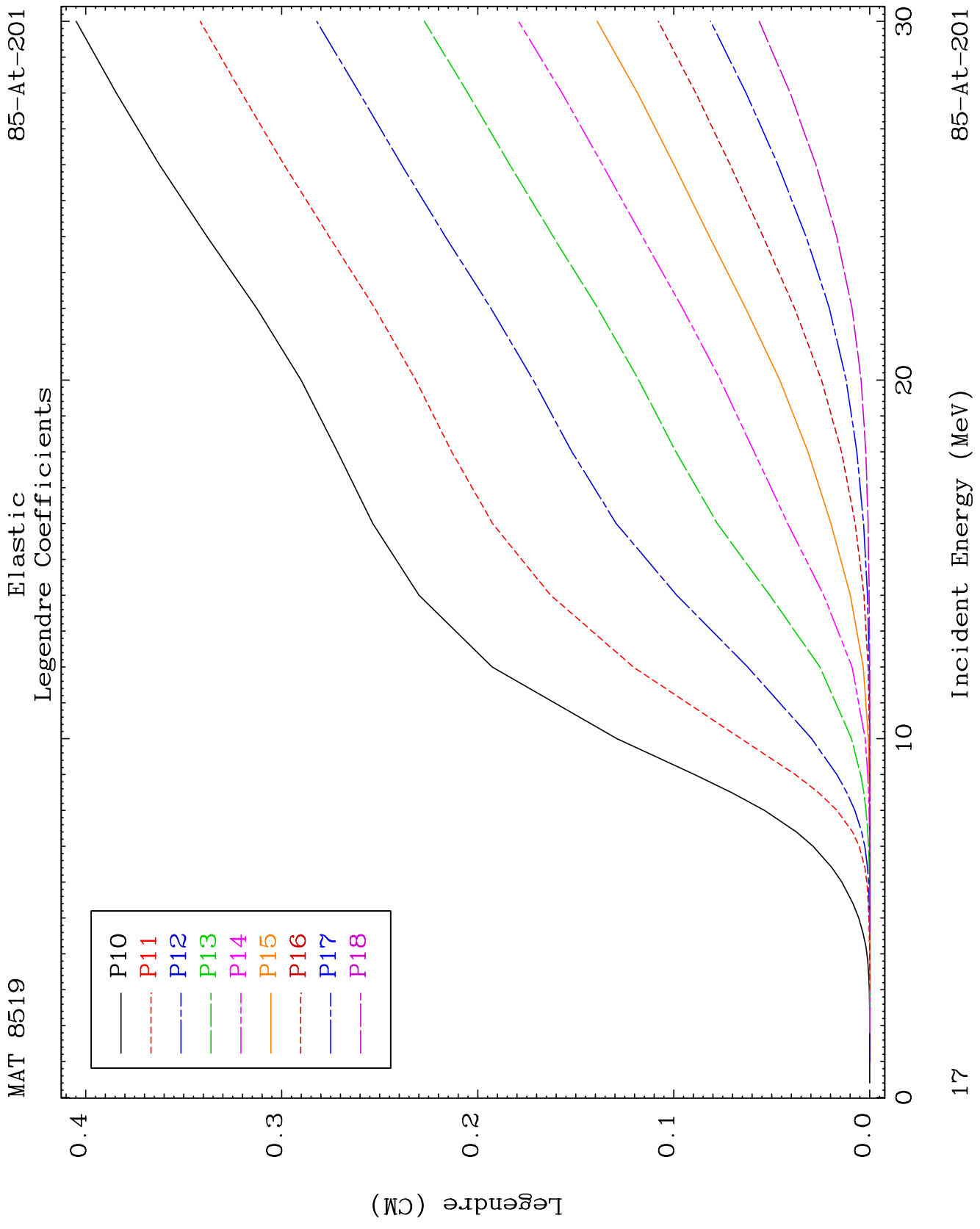


15

Incident Energy (MeV)

85-At-201





85-At-201

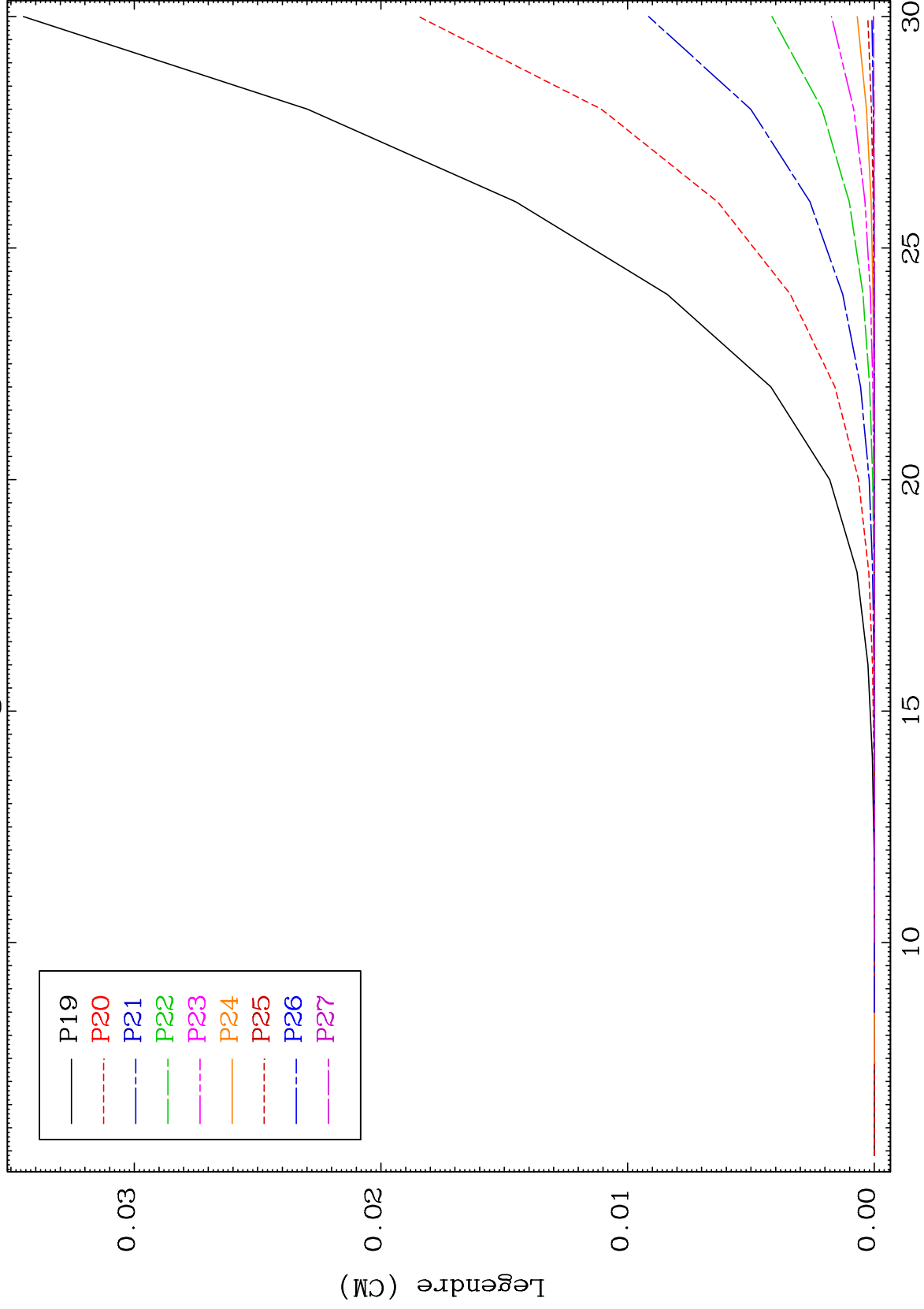
85-At-201

17

MAT 8519

Elastic Legendre Coefficients

85-At-201



18

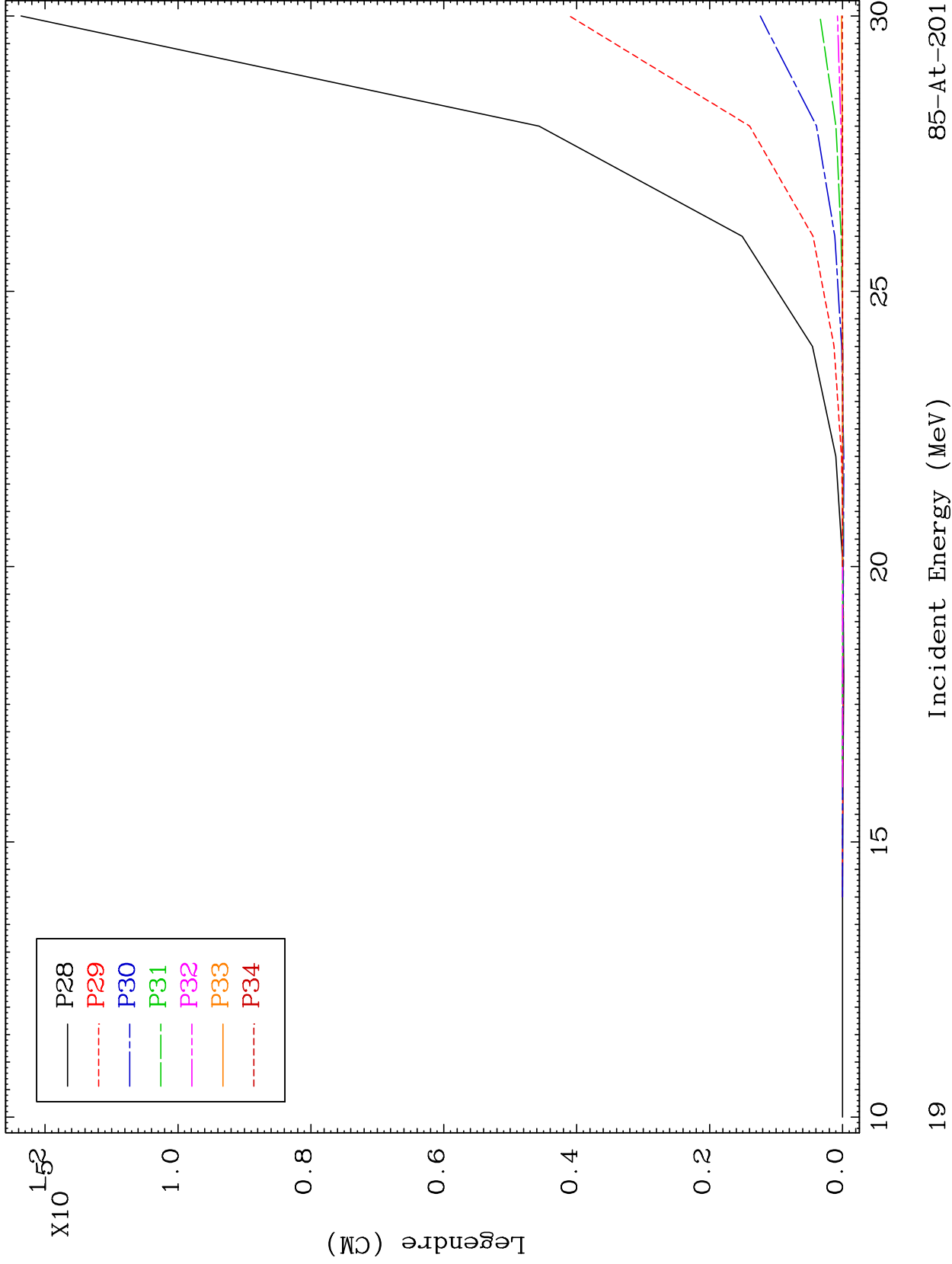
Incident Energy (MeV)

85-At-201

MAT 8519

Elastic Legendre Coefficients

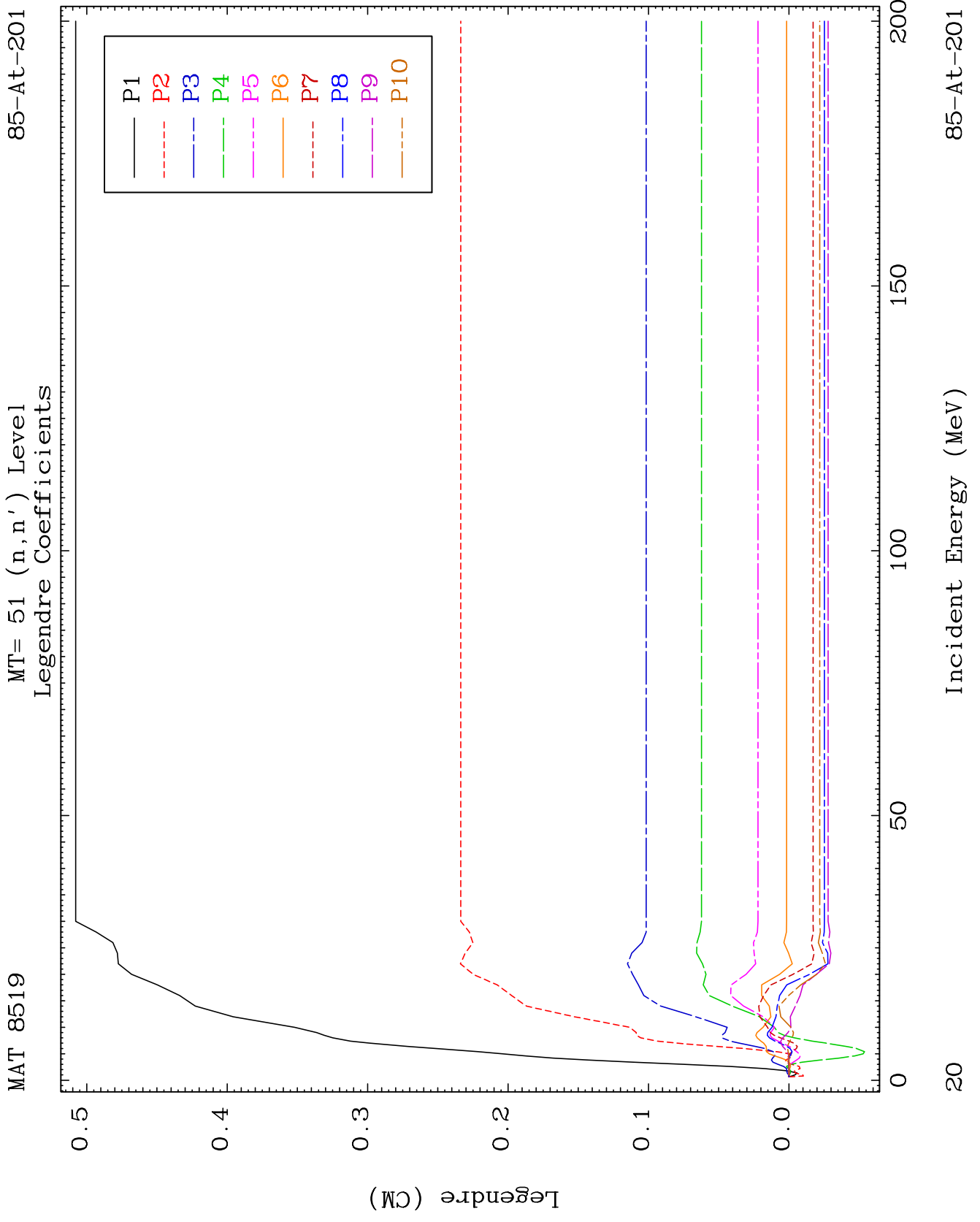
85-At-201



19

Incident Energy (MeV)

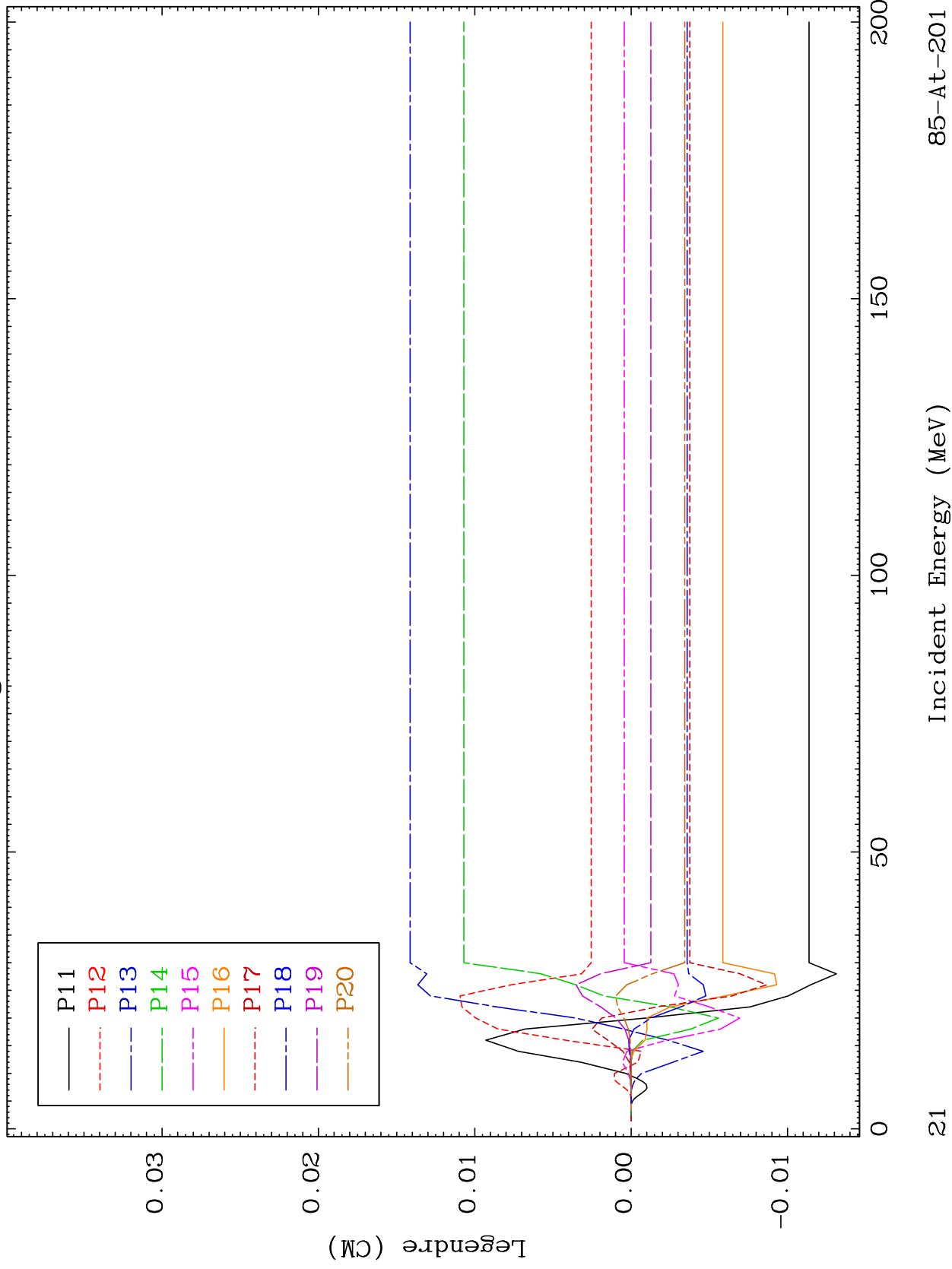
85-At-201



MAT 8519

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

85-At-201



21

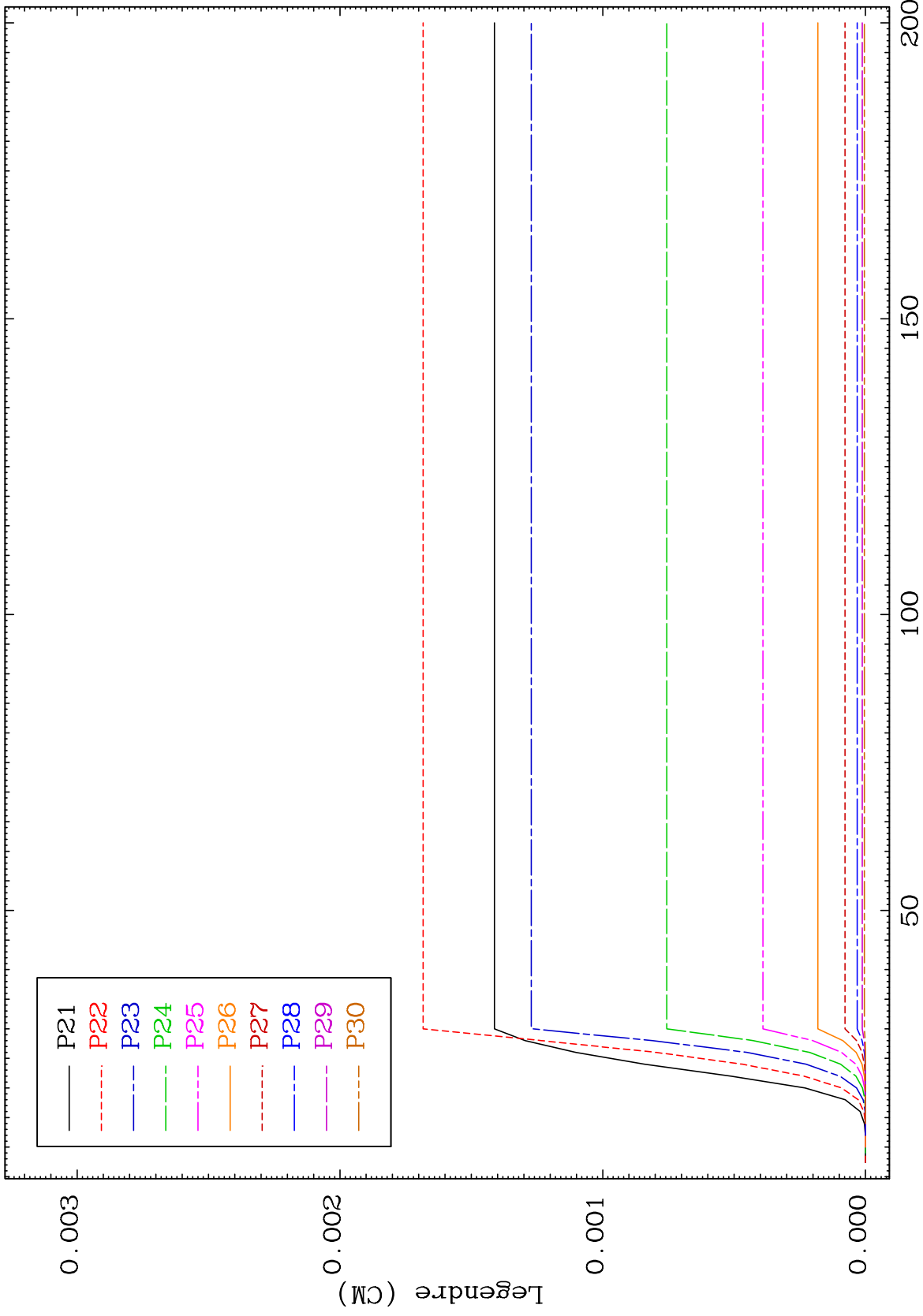
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



22

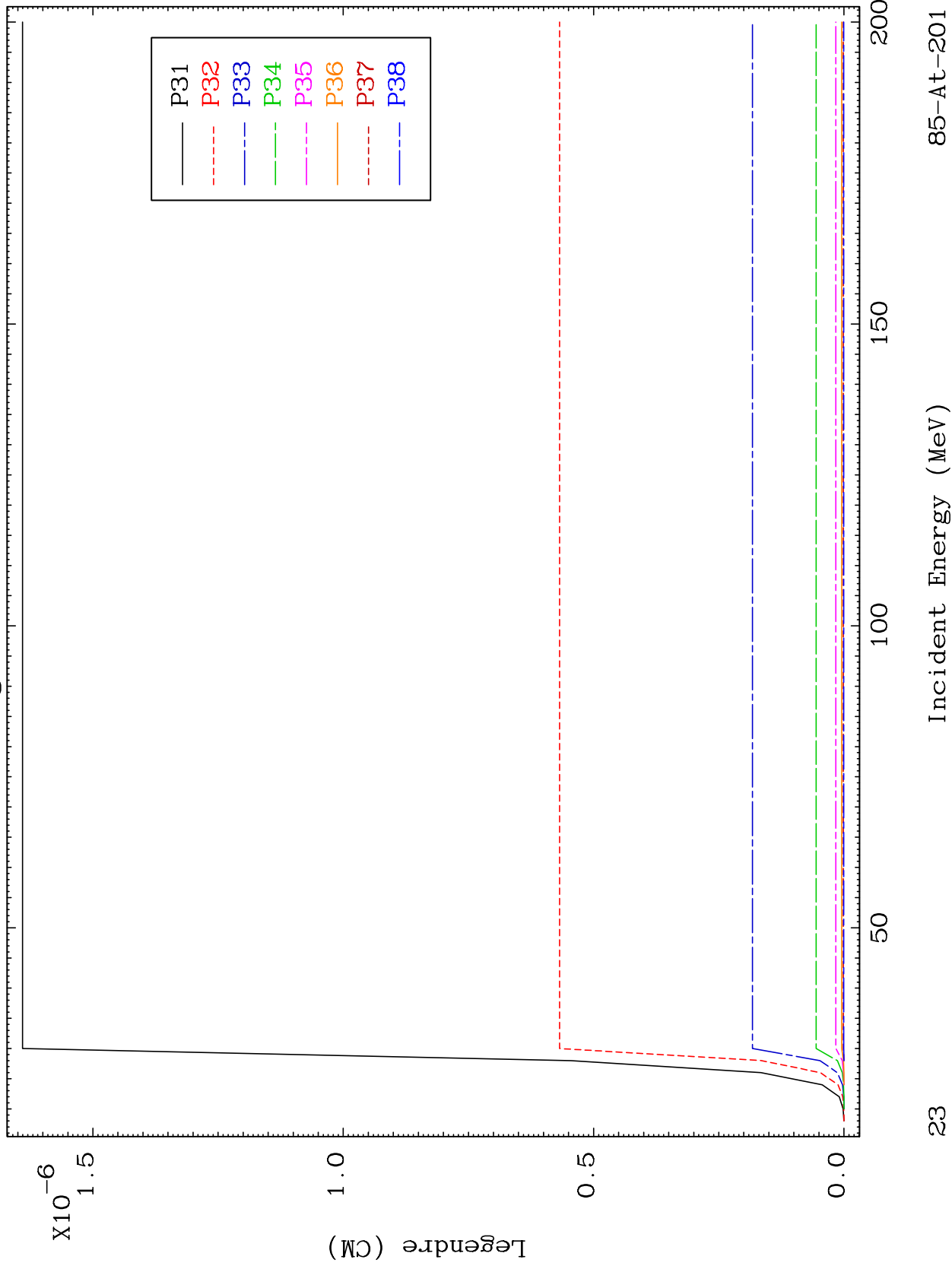
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



23

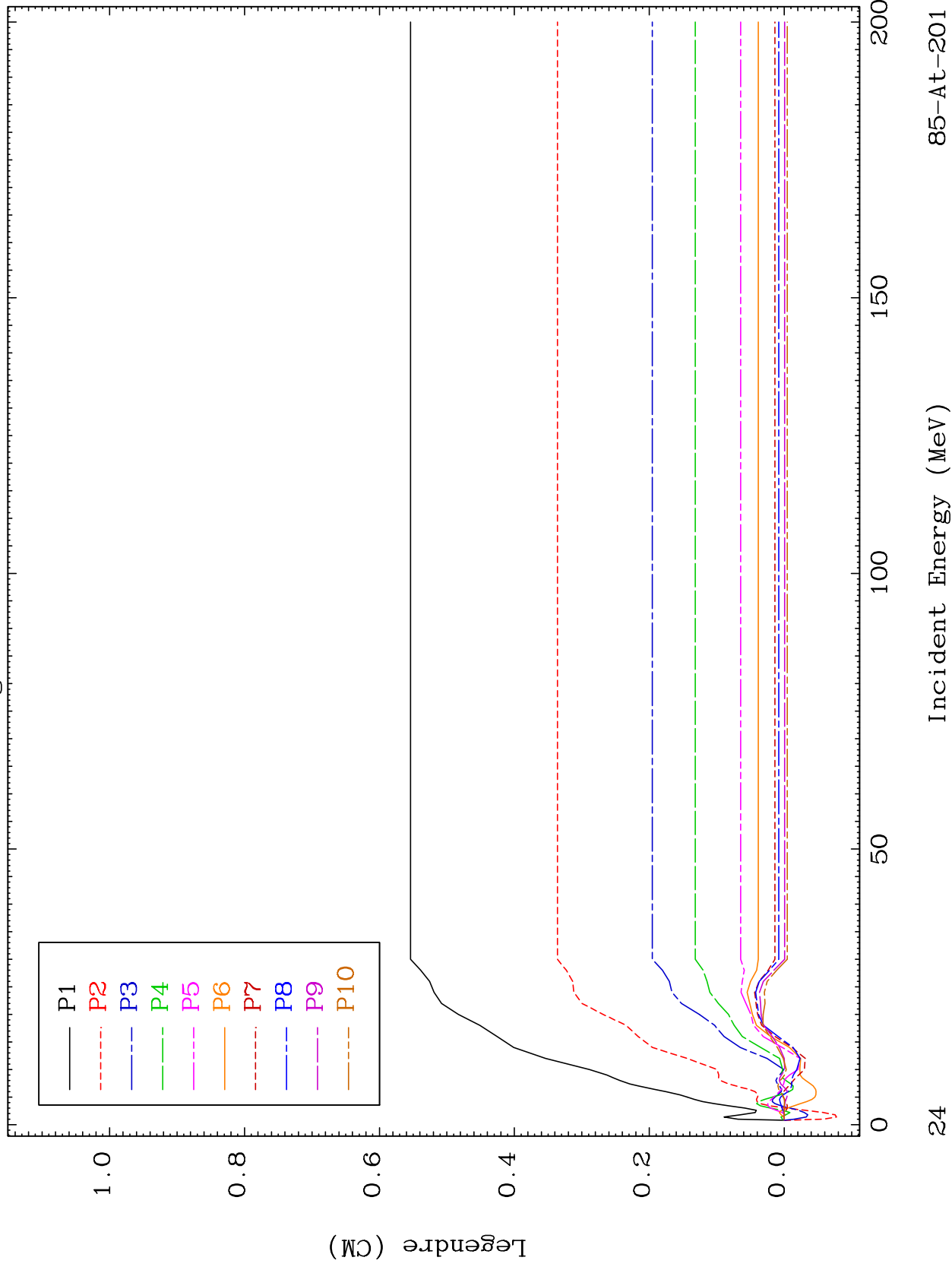
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



24

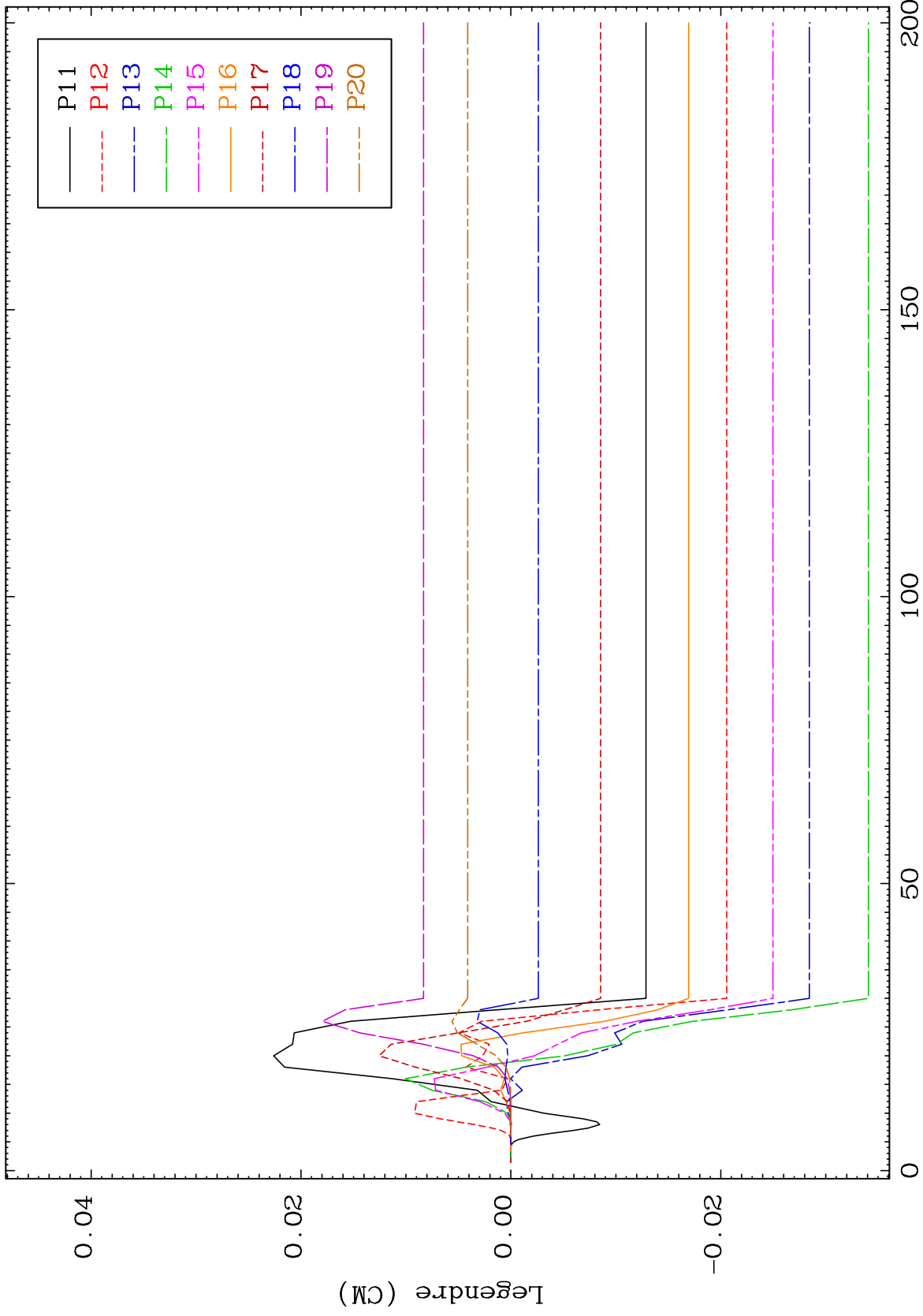
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



25

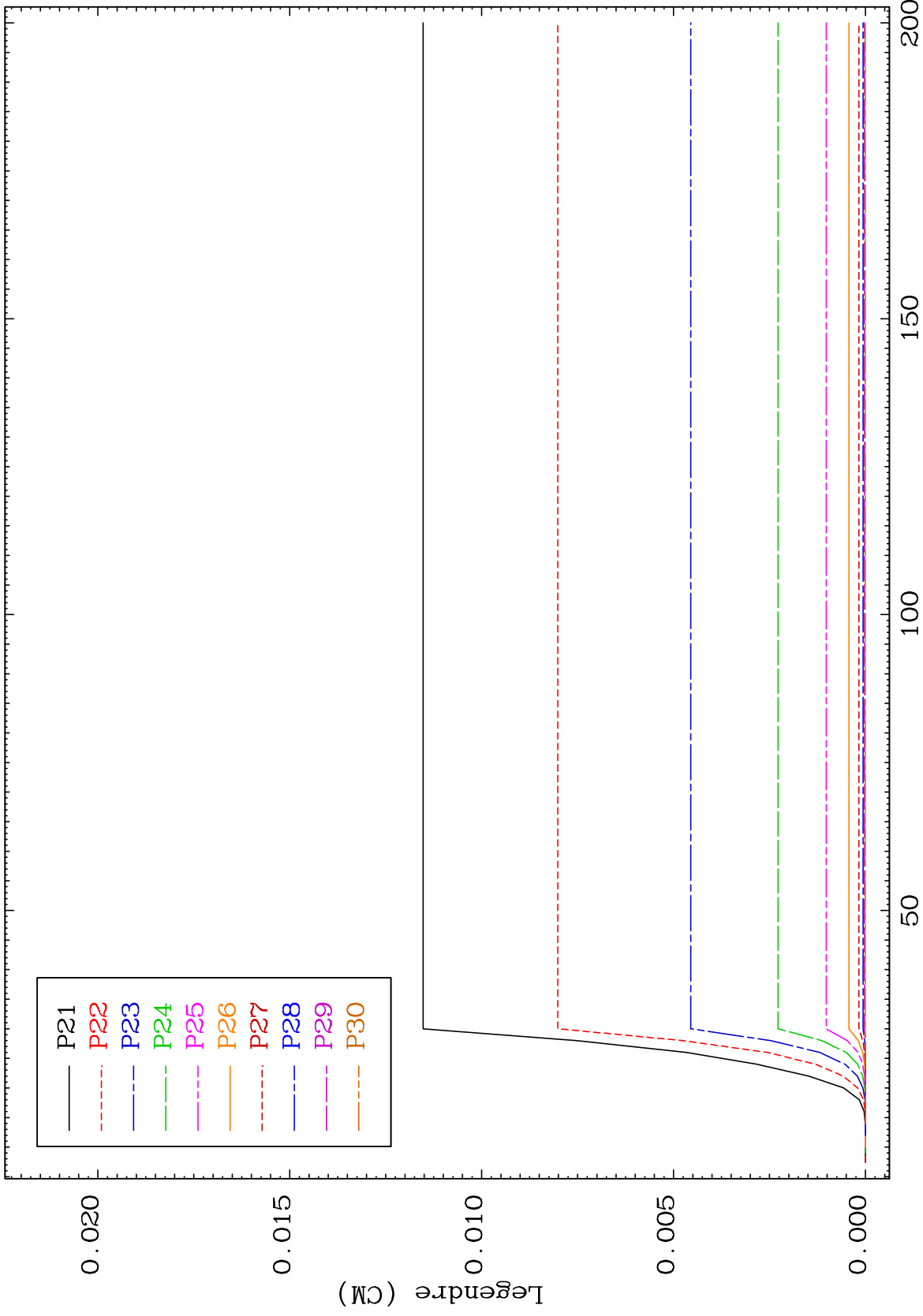
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



26

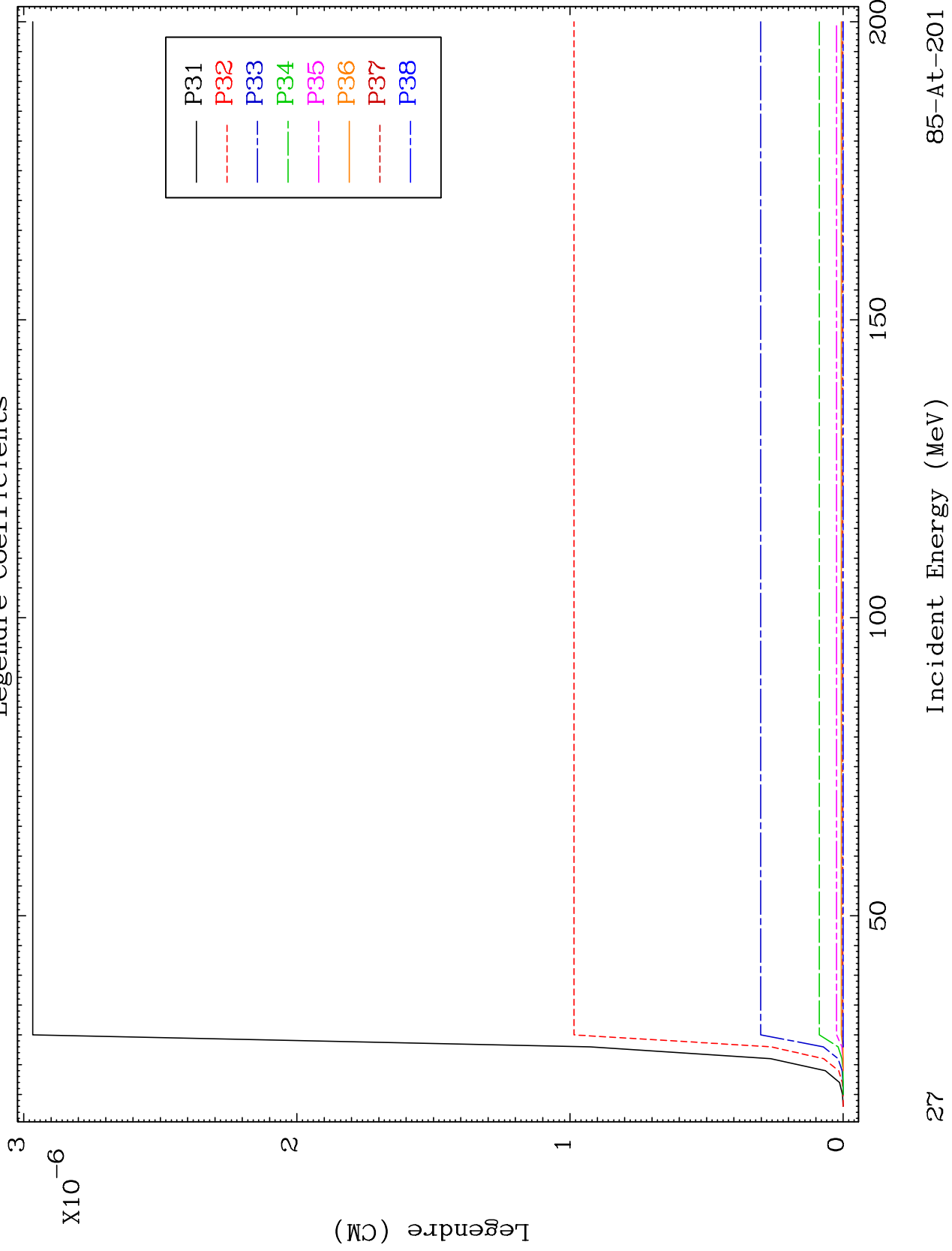
Incident Energy (MeV)

85-At-201

MAT 8519

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

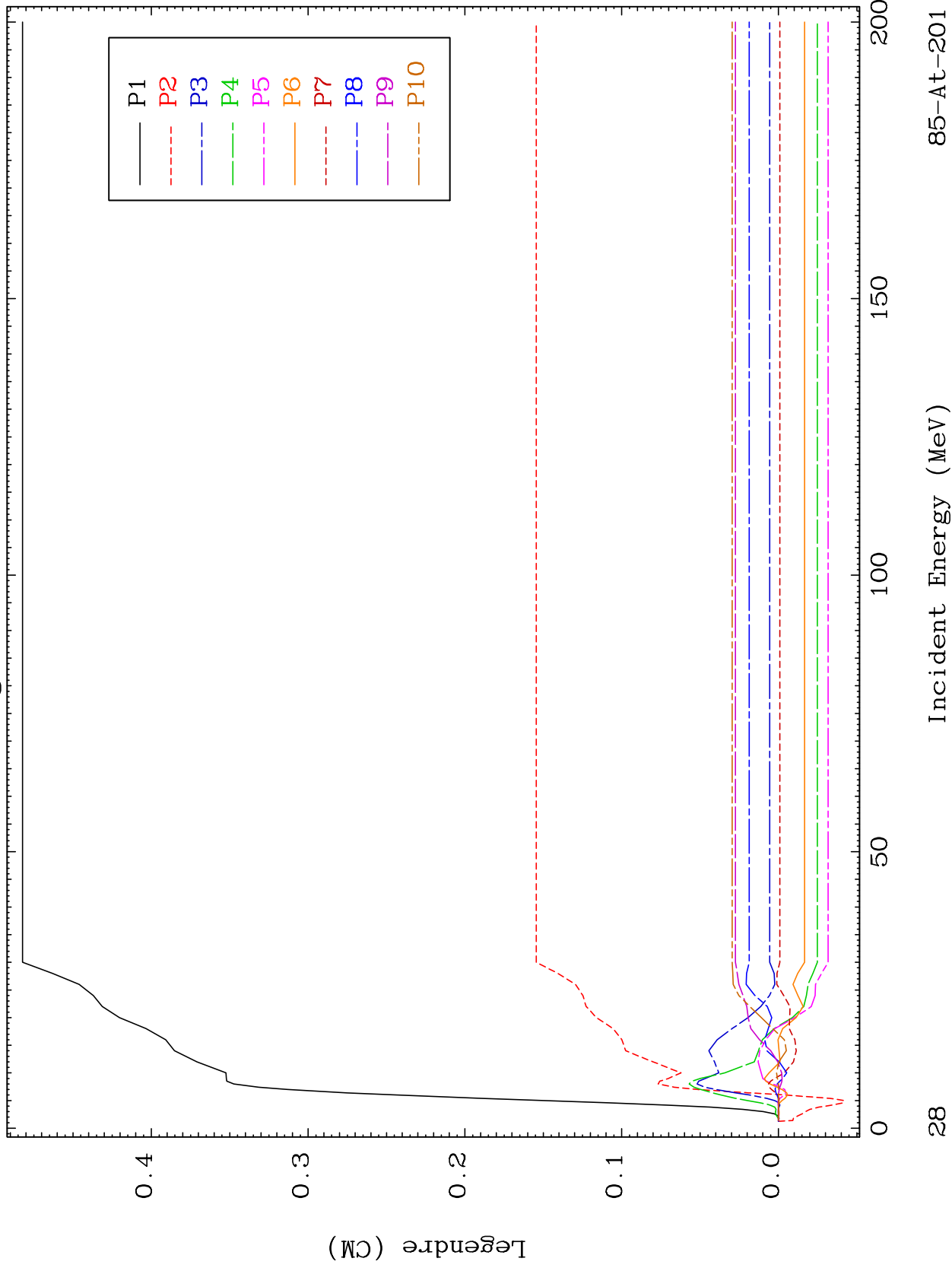
85-At-201



MAT 8519

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

85-At-201



85-At-201

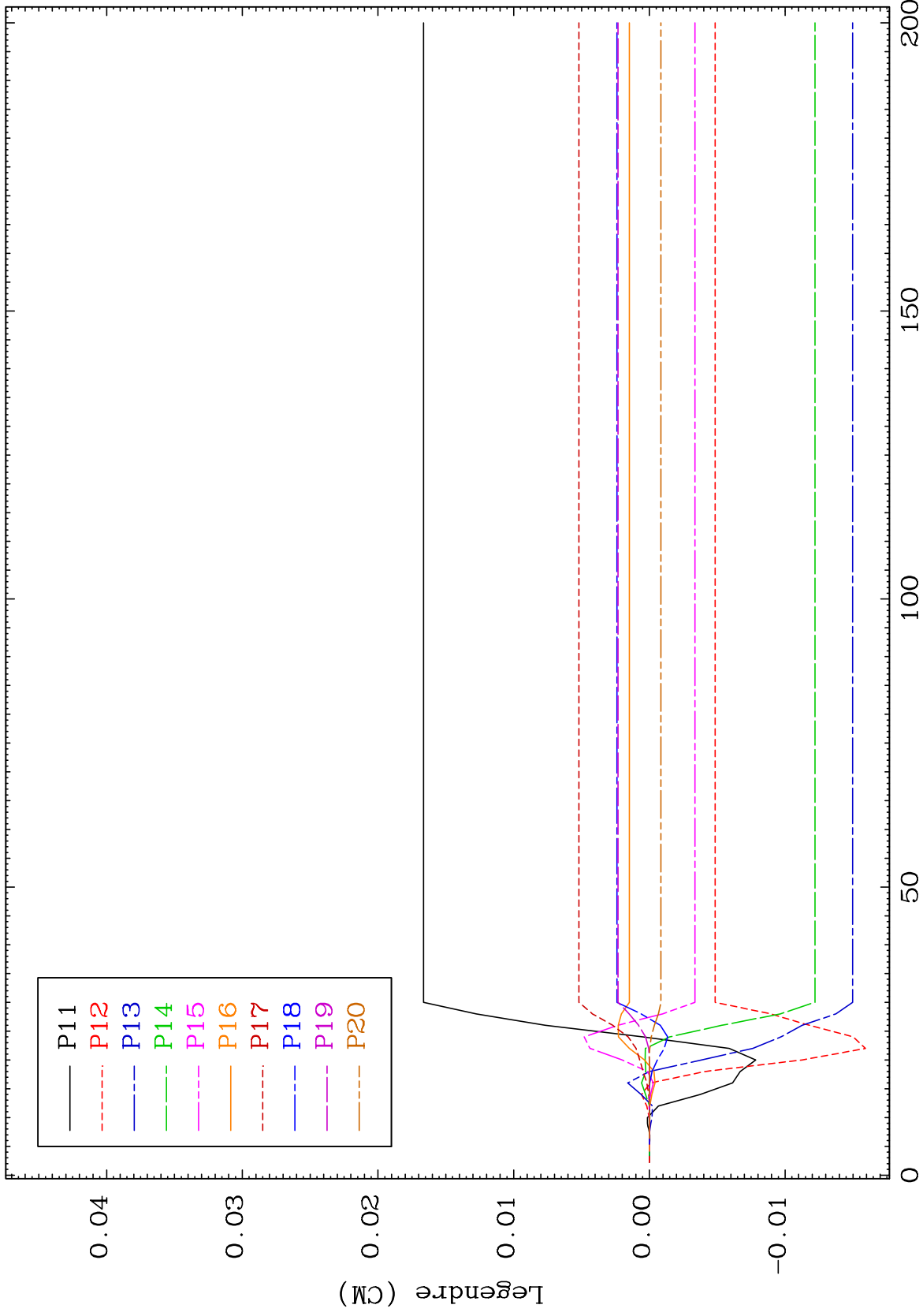
Incident Energy (MeV)

28

MAT 8519

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

85-At-201



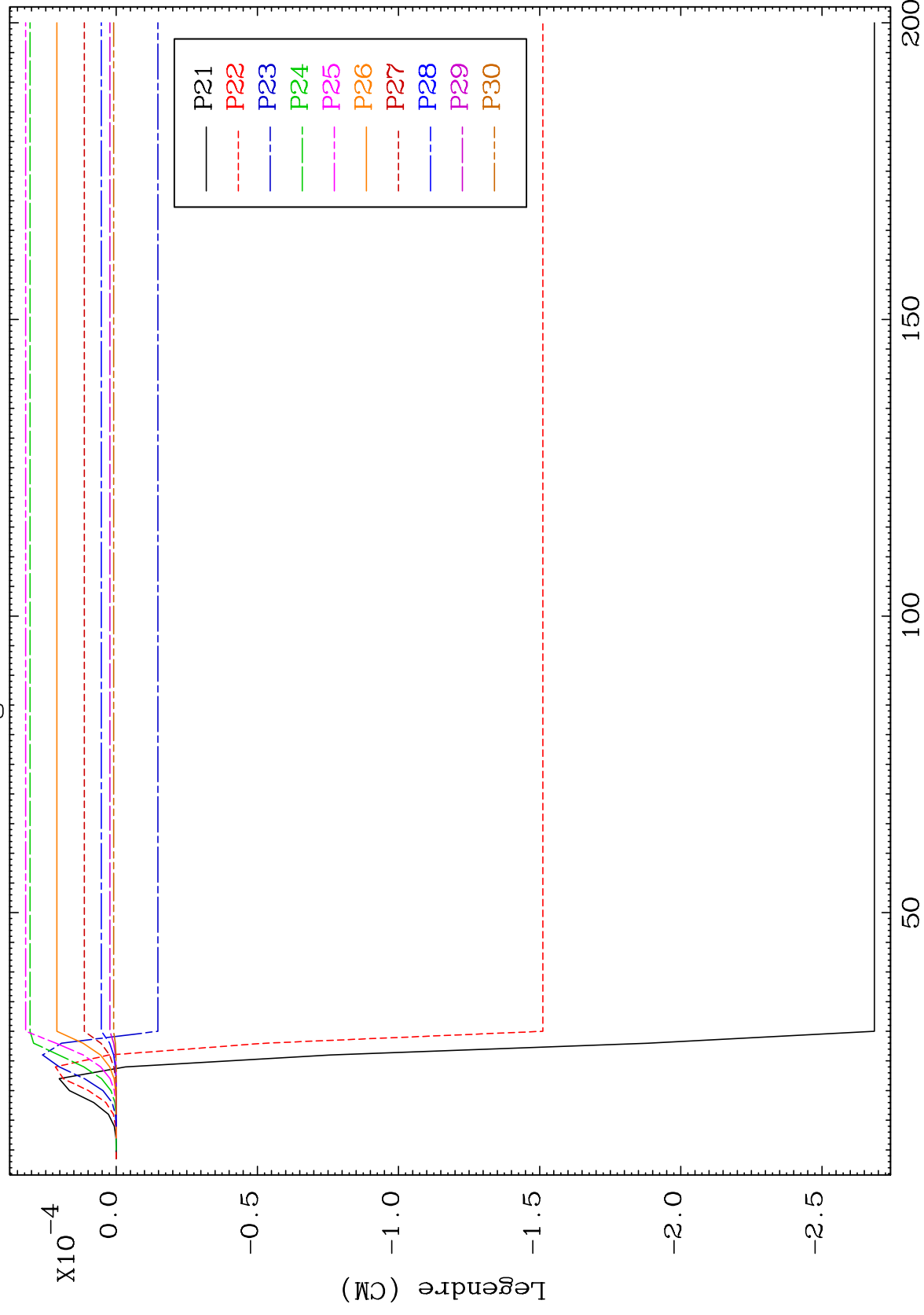
29

85-At-201

MAT 8519

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

85-At-201



30

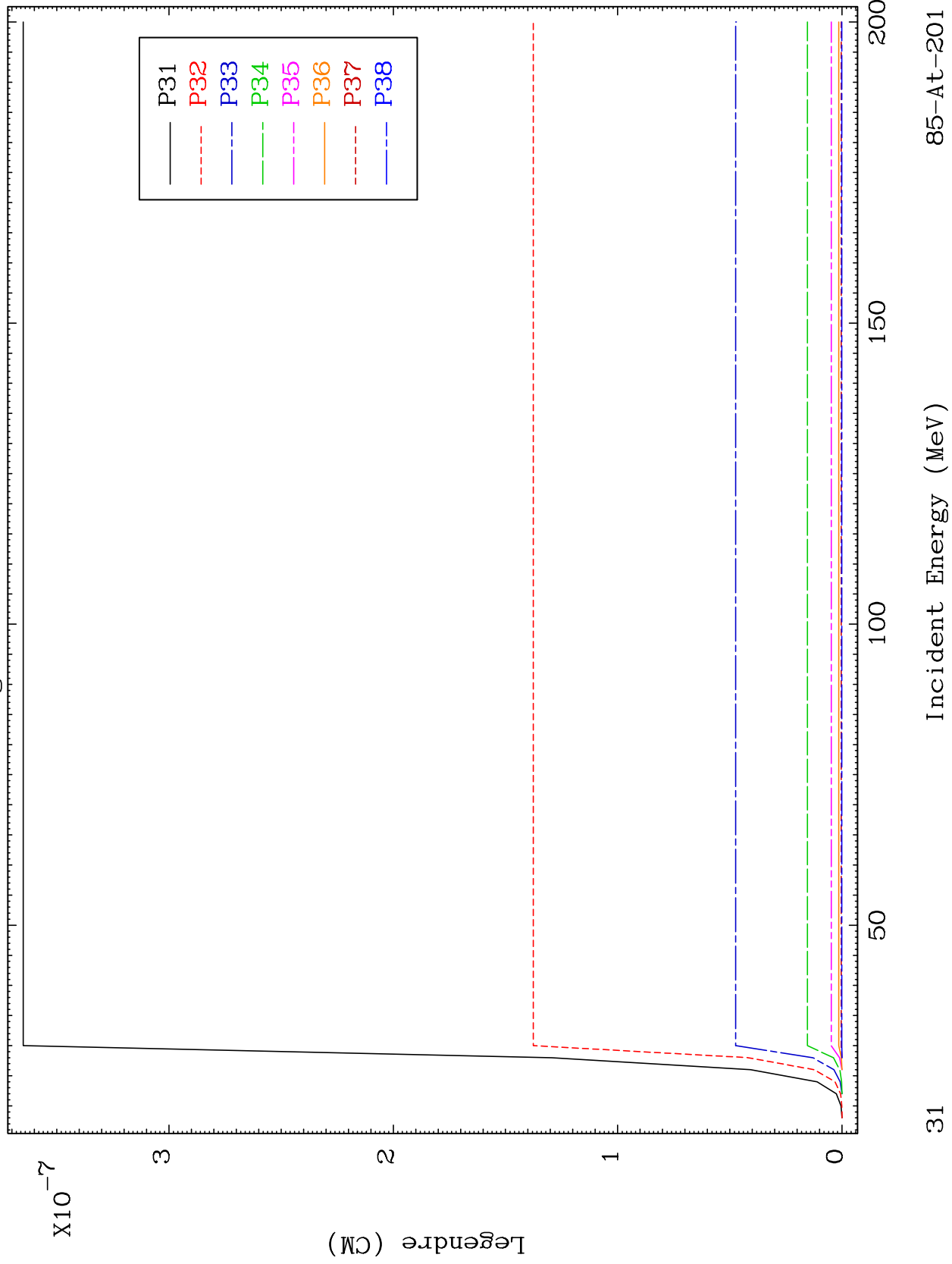
Incident Energy (MeV)

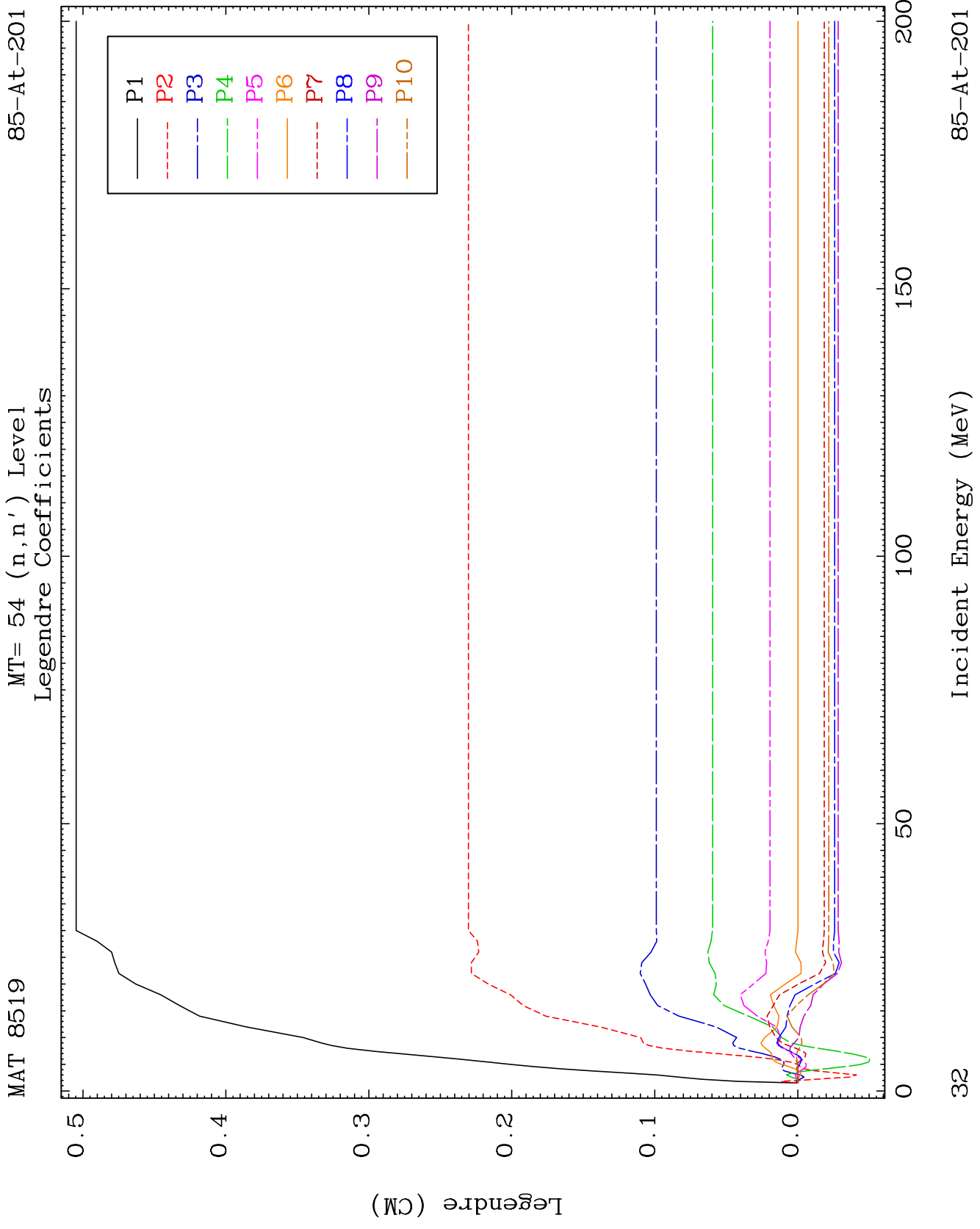
85-At-201

MAT 8519

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

85-At-201

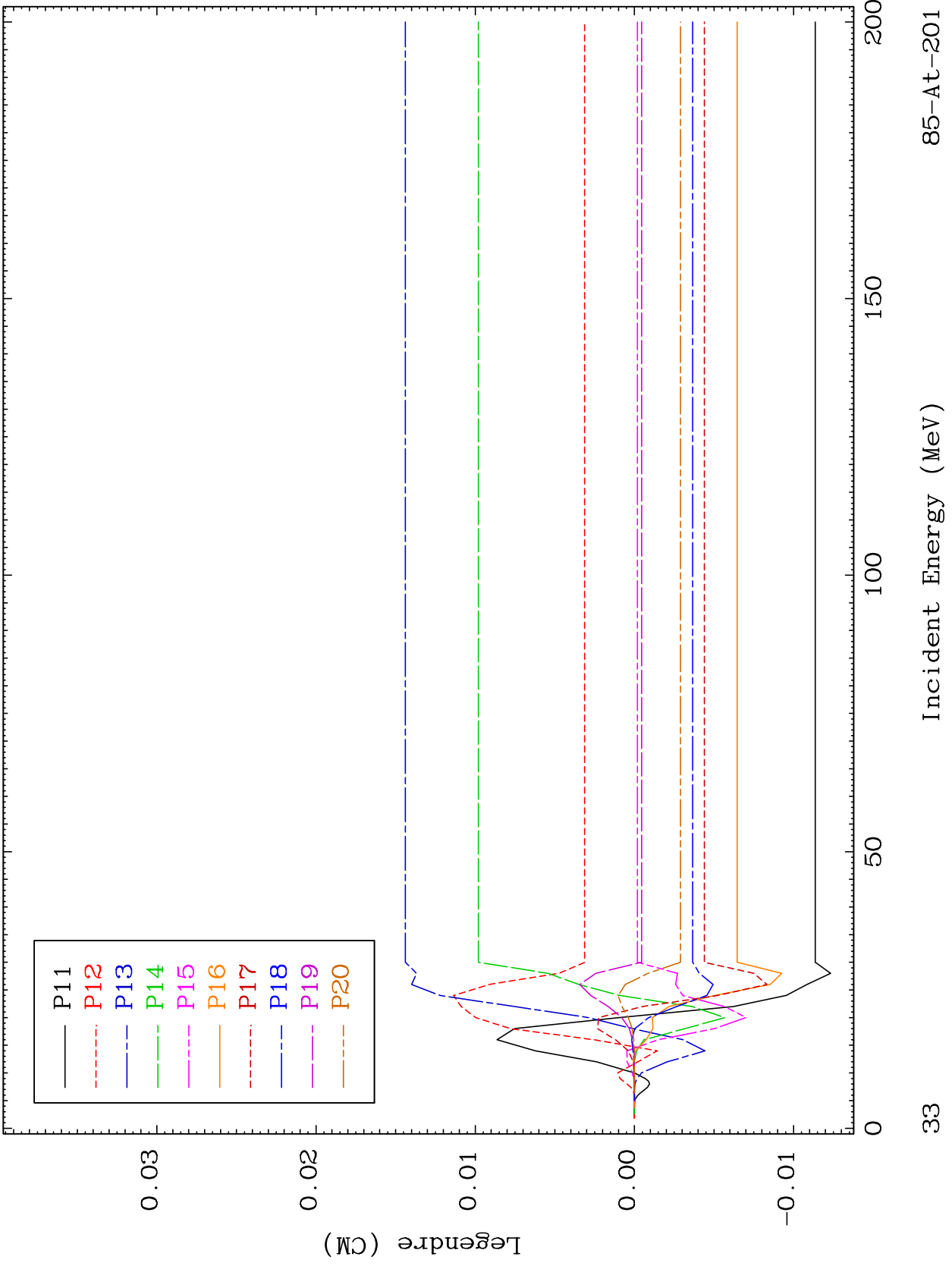




MAT 8519

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

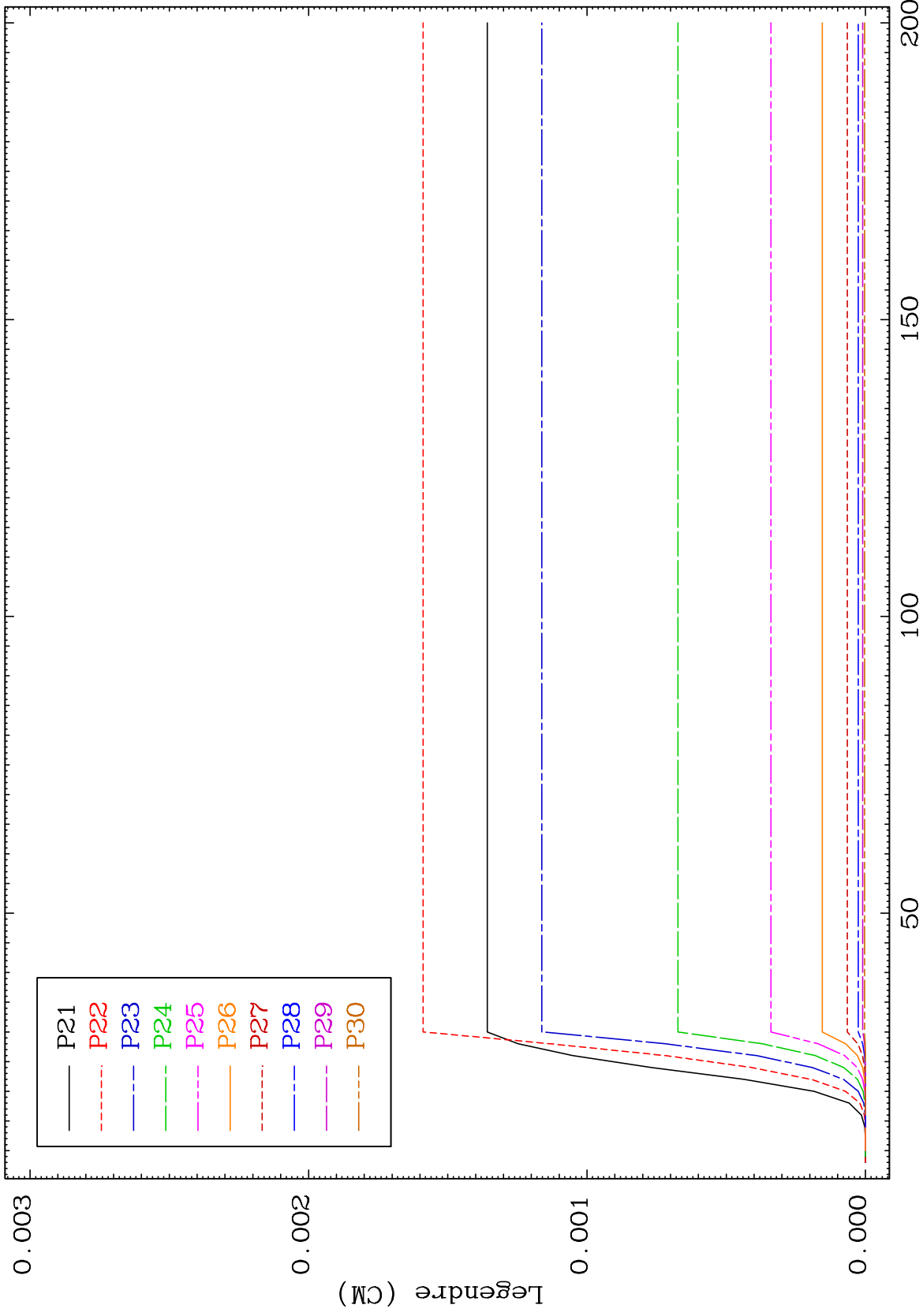
85-At-201



MAT 8519

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

85-At-201



34

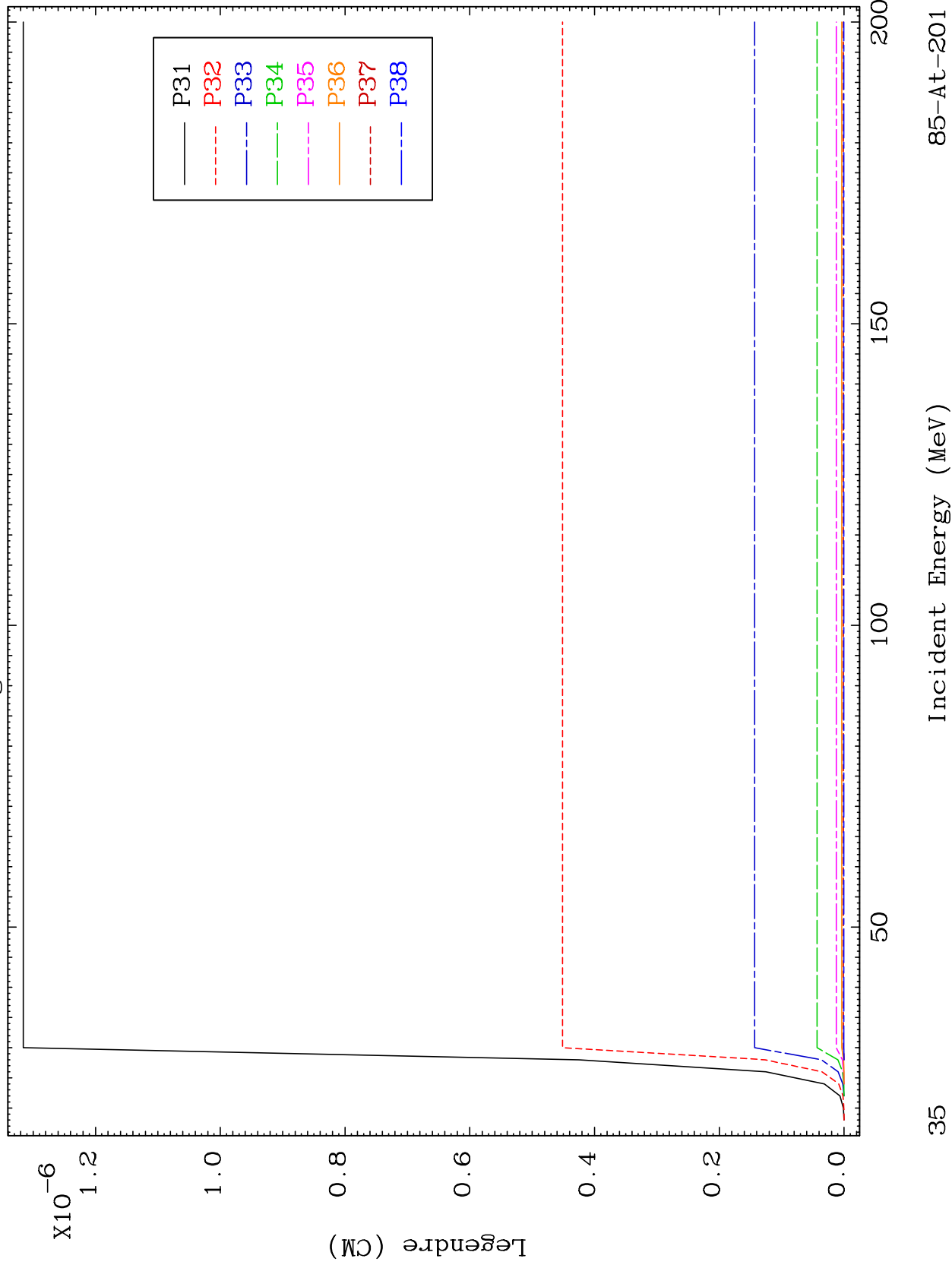
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



35

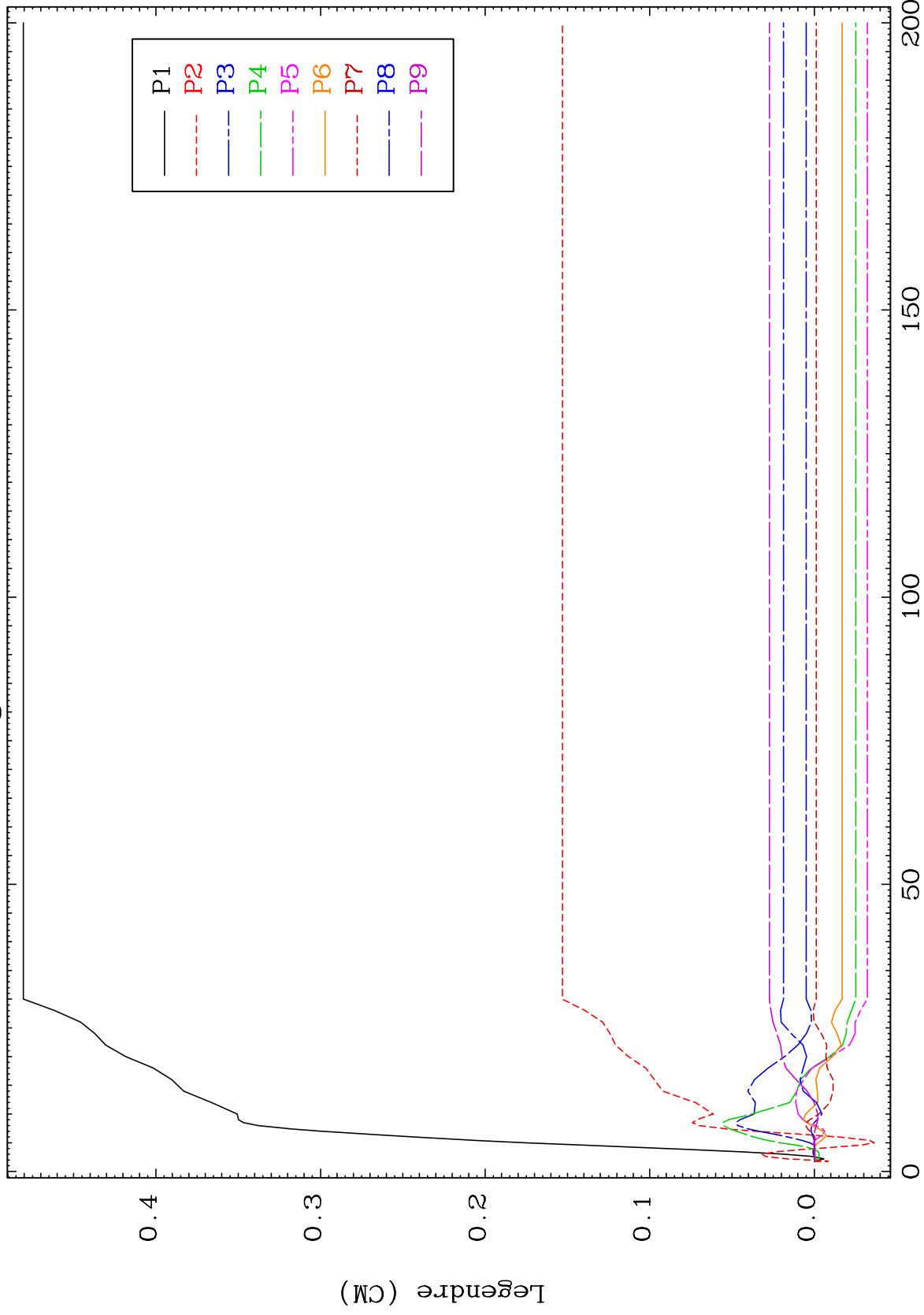
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



36

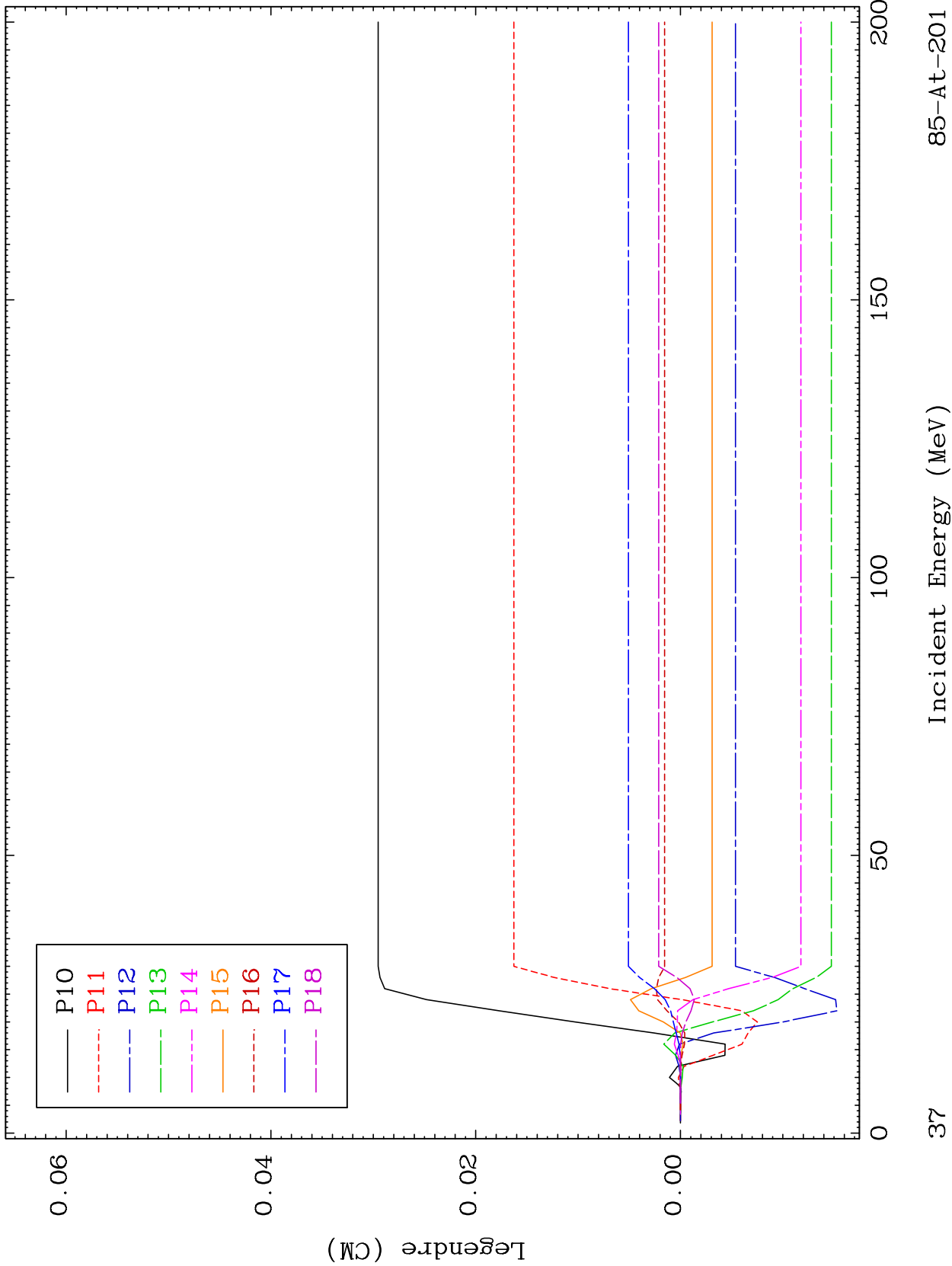
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



37

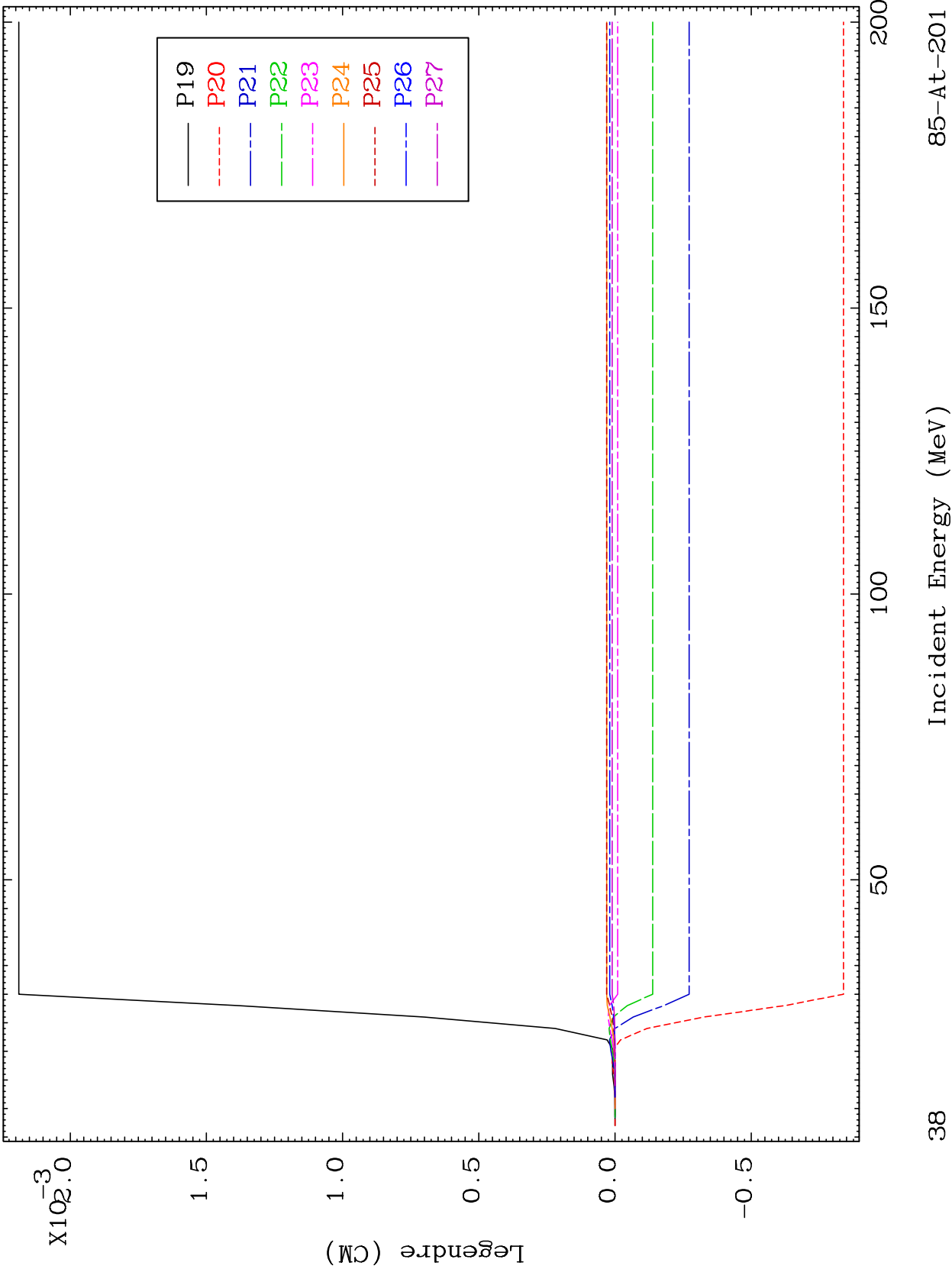
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



38

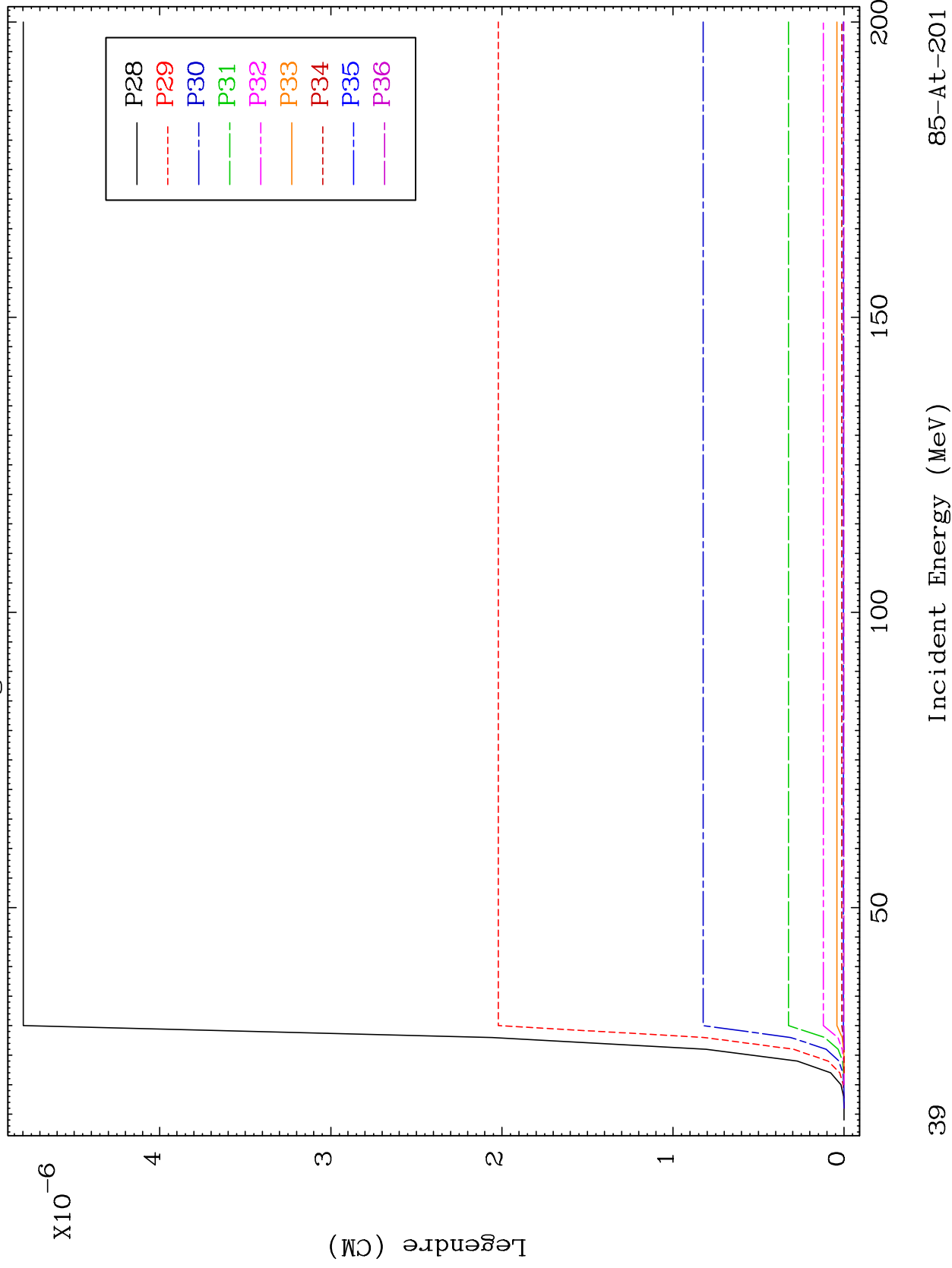
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



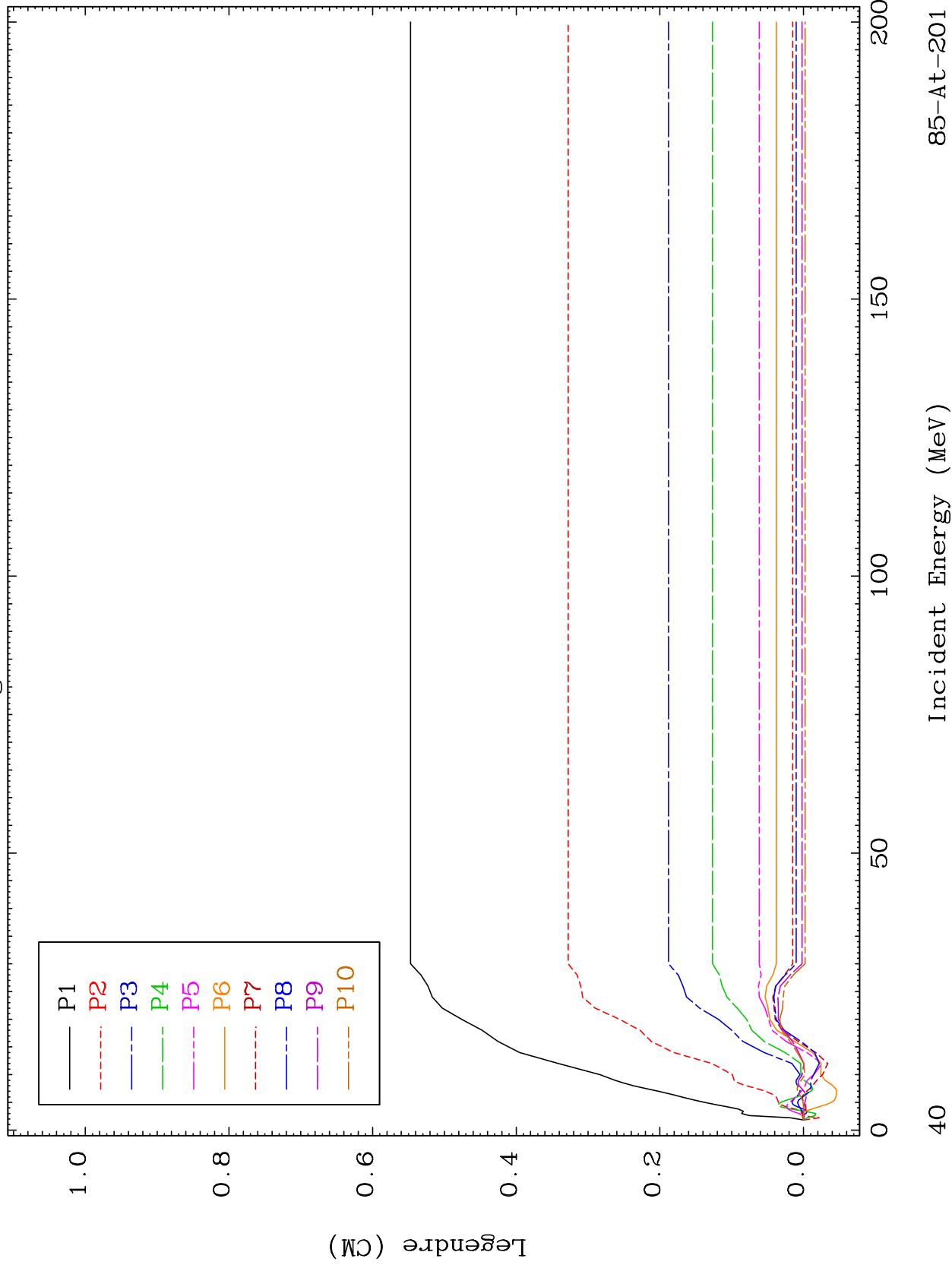
39

85-At-201

MAT 8519

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

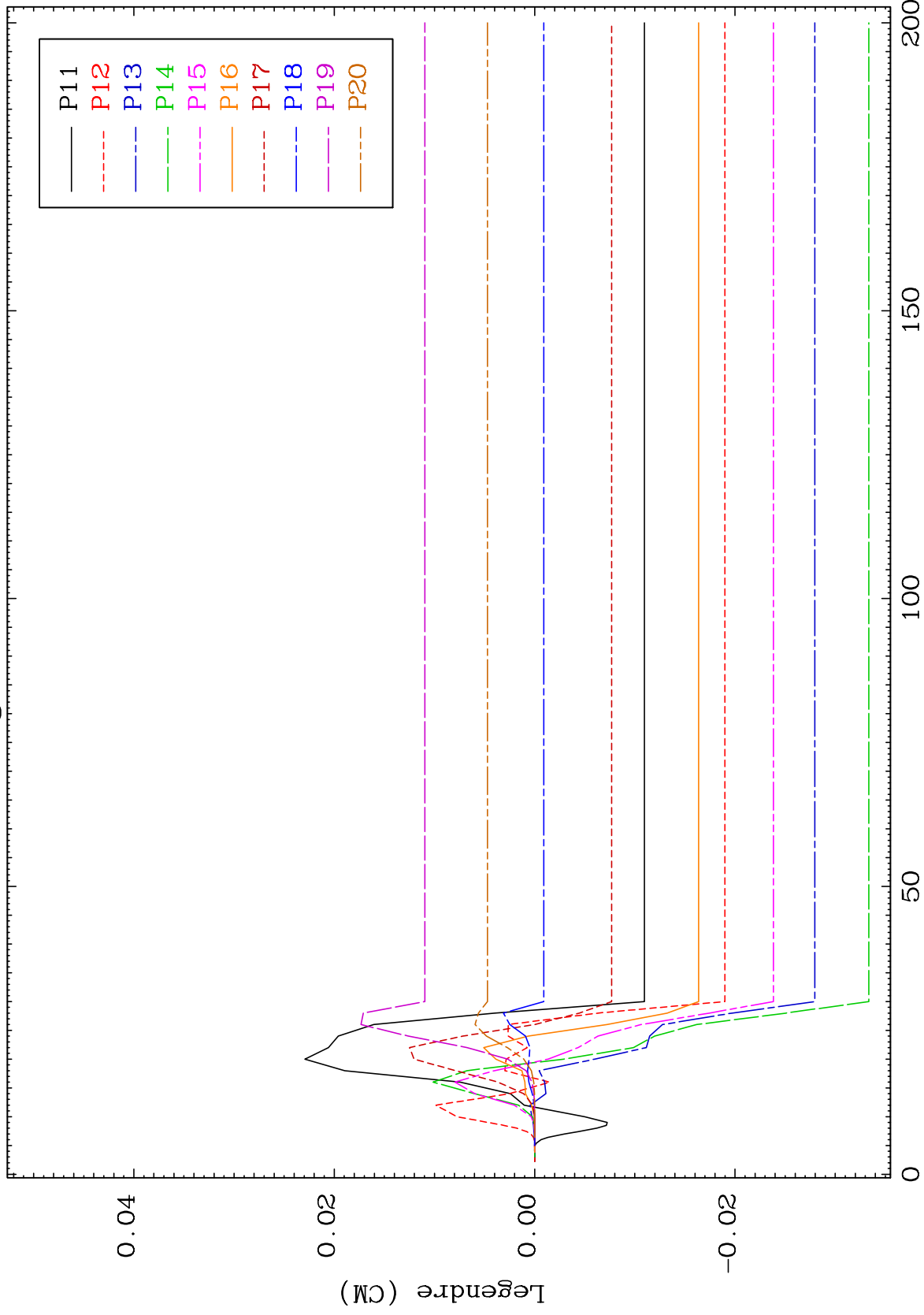
85-At-201



MAT 8519

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

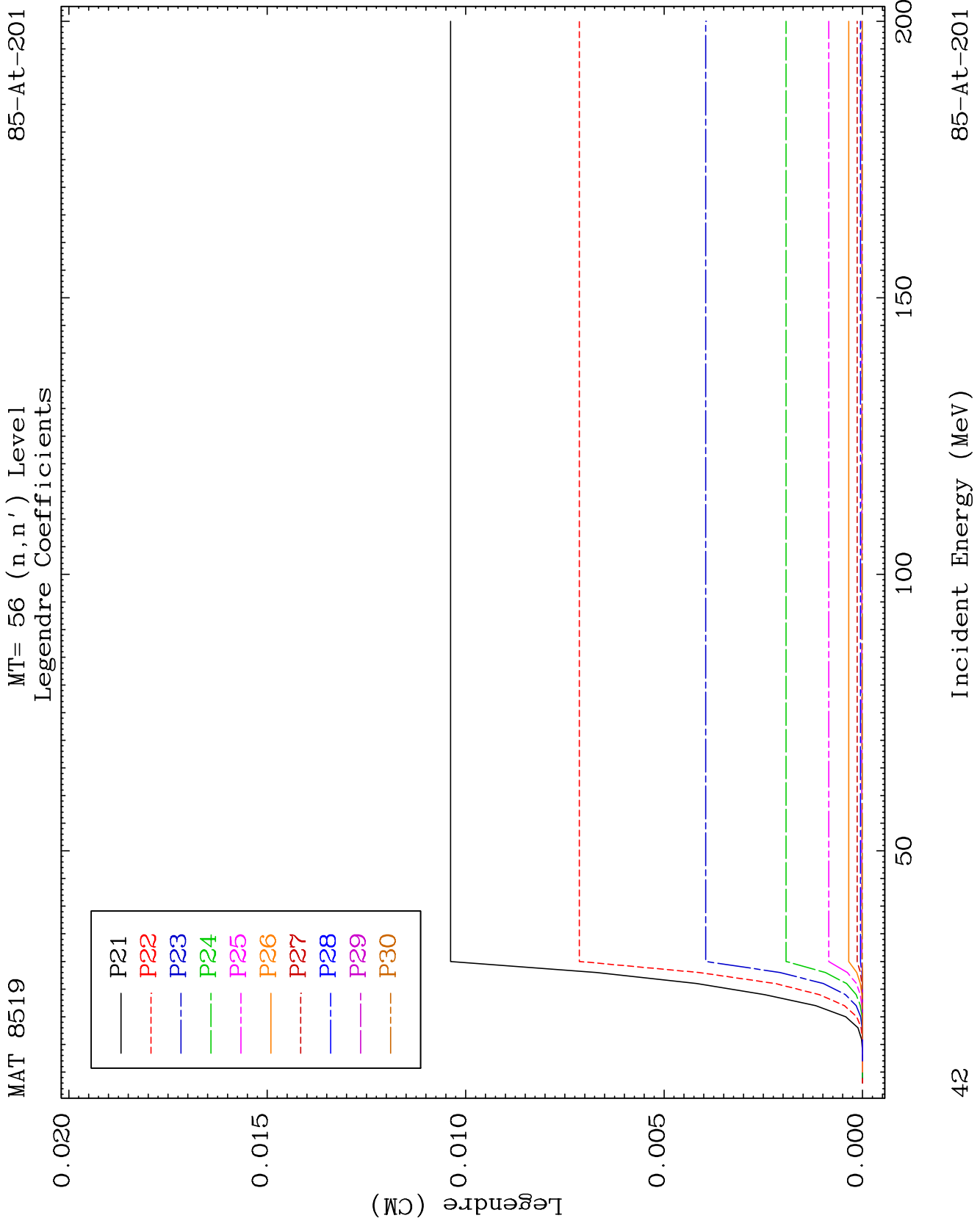
85-At-201



41

Incident Energy (MeV)

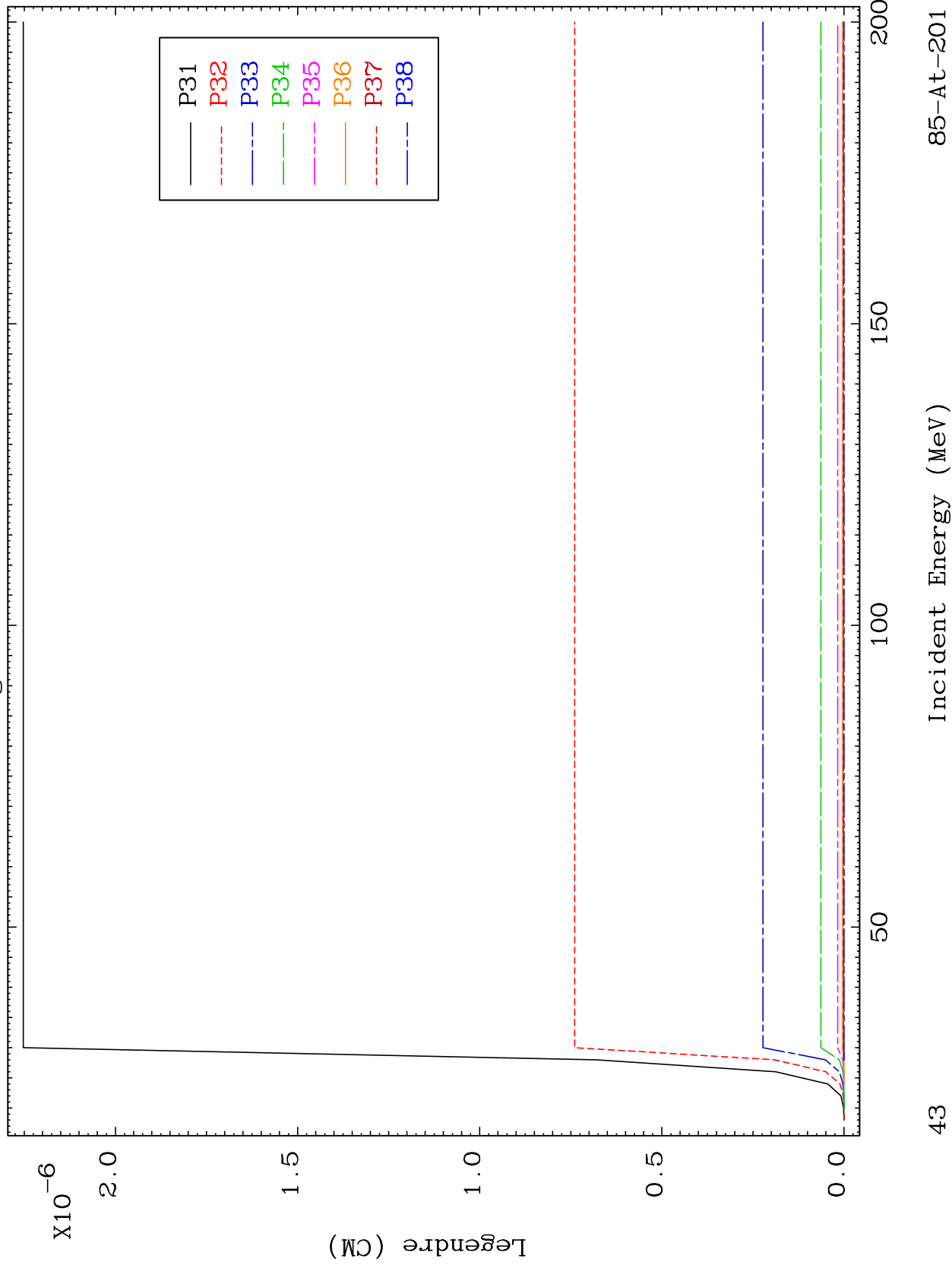
85-At-201



MAT 8519

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

85-At-201



43

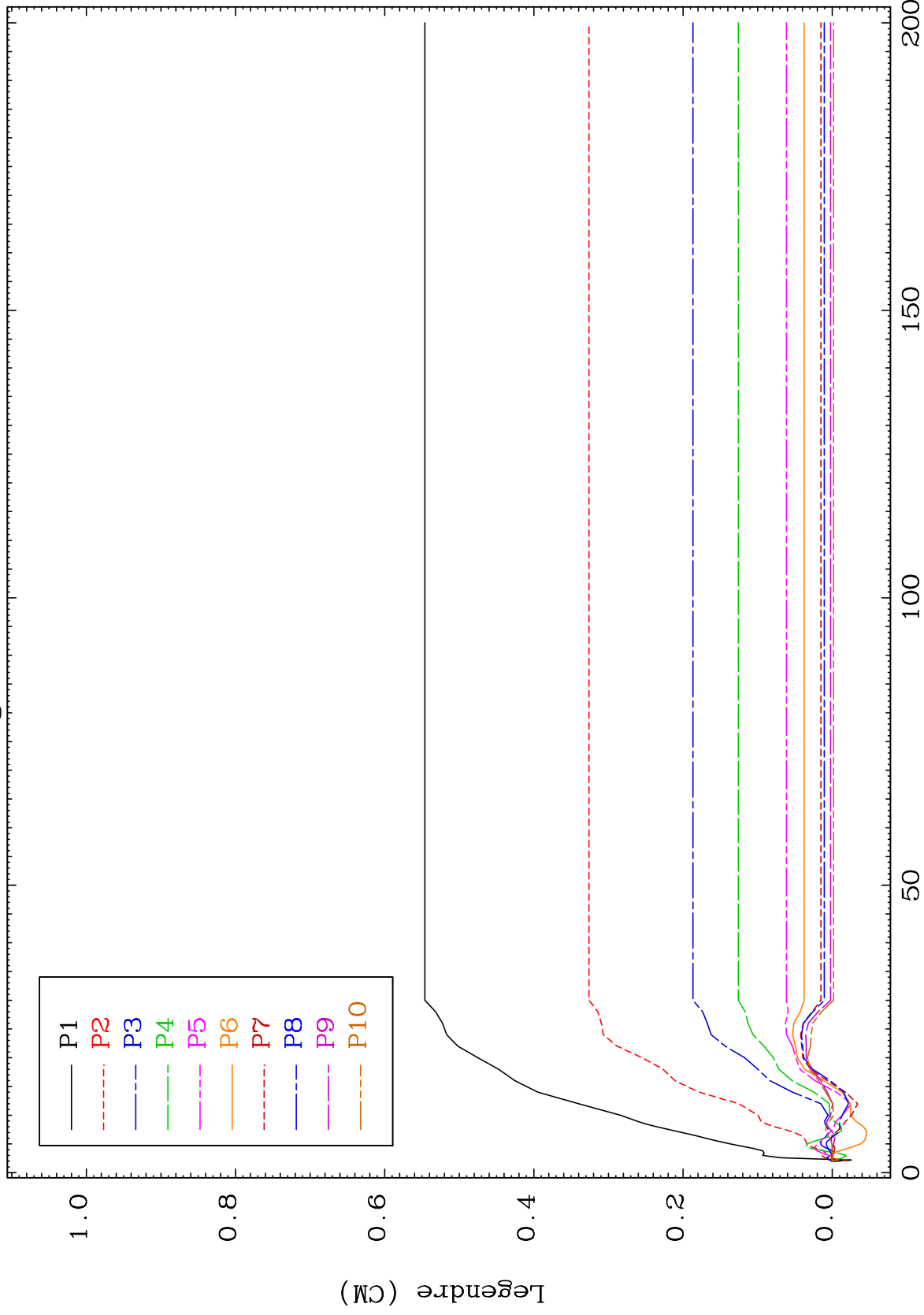
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



44

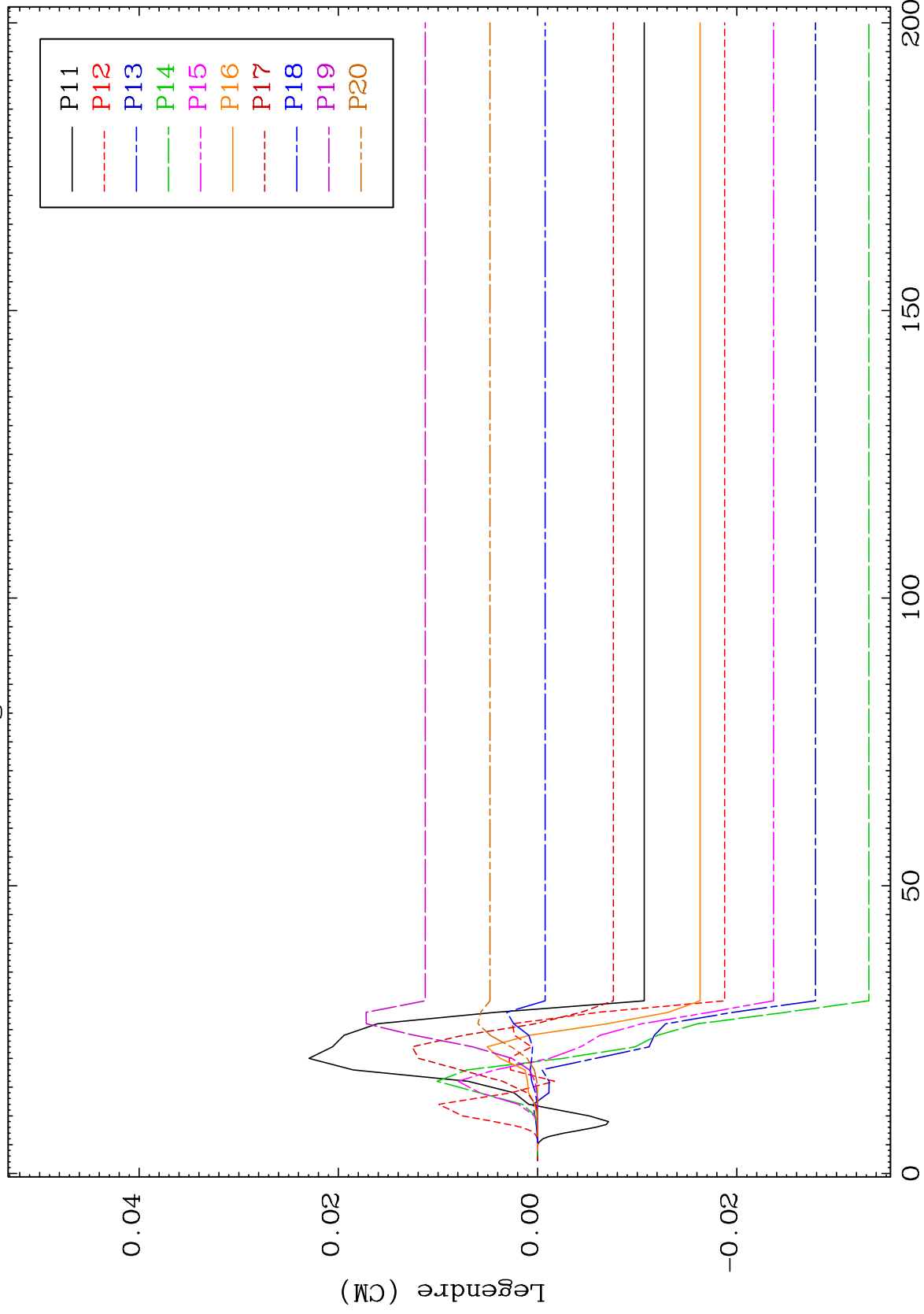
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



45

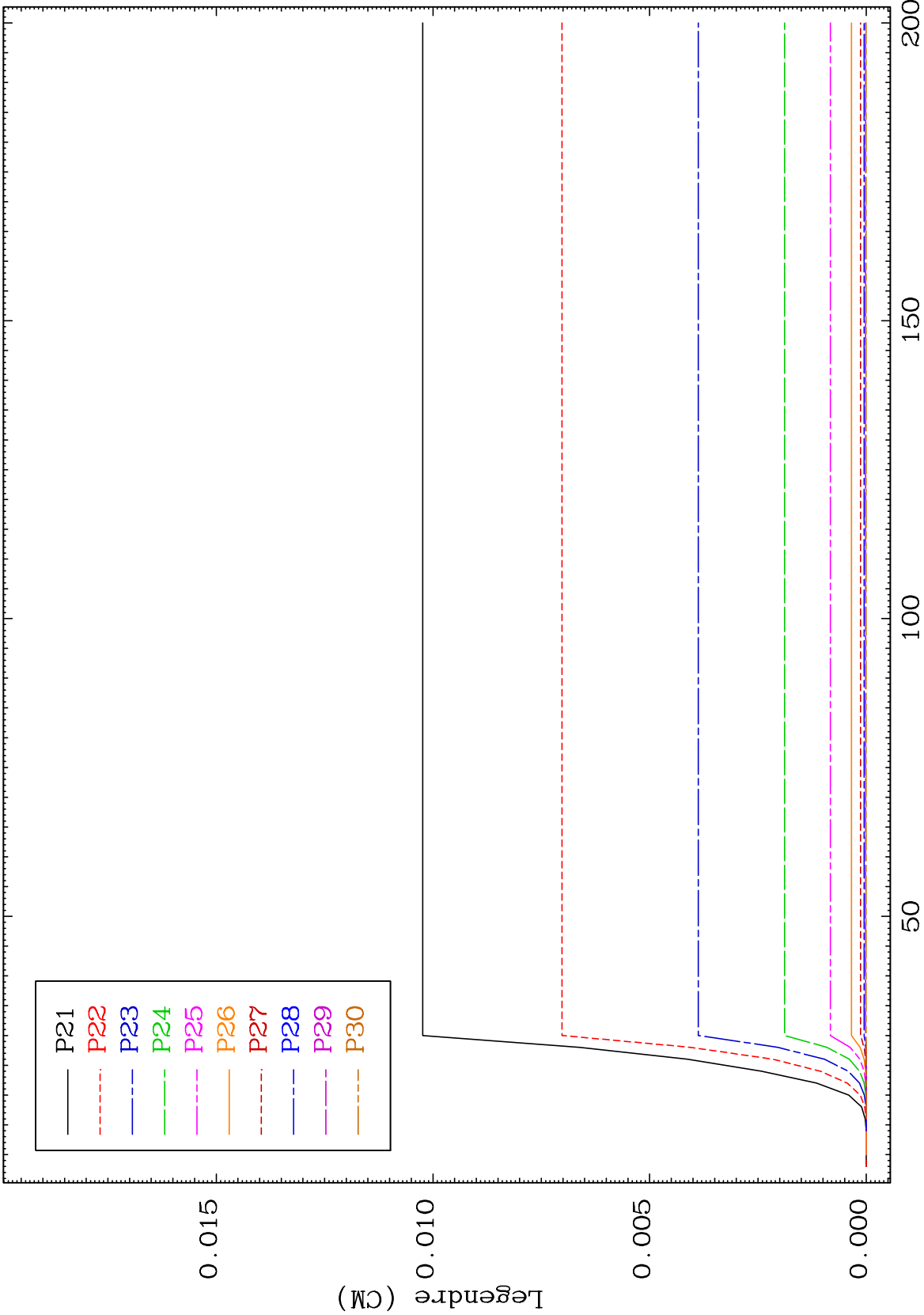
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



46

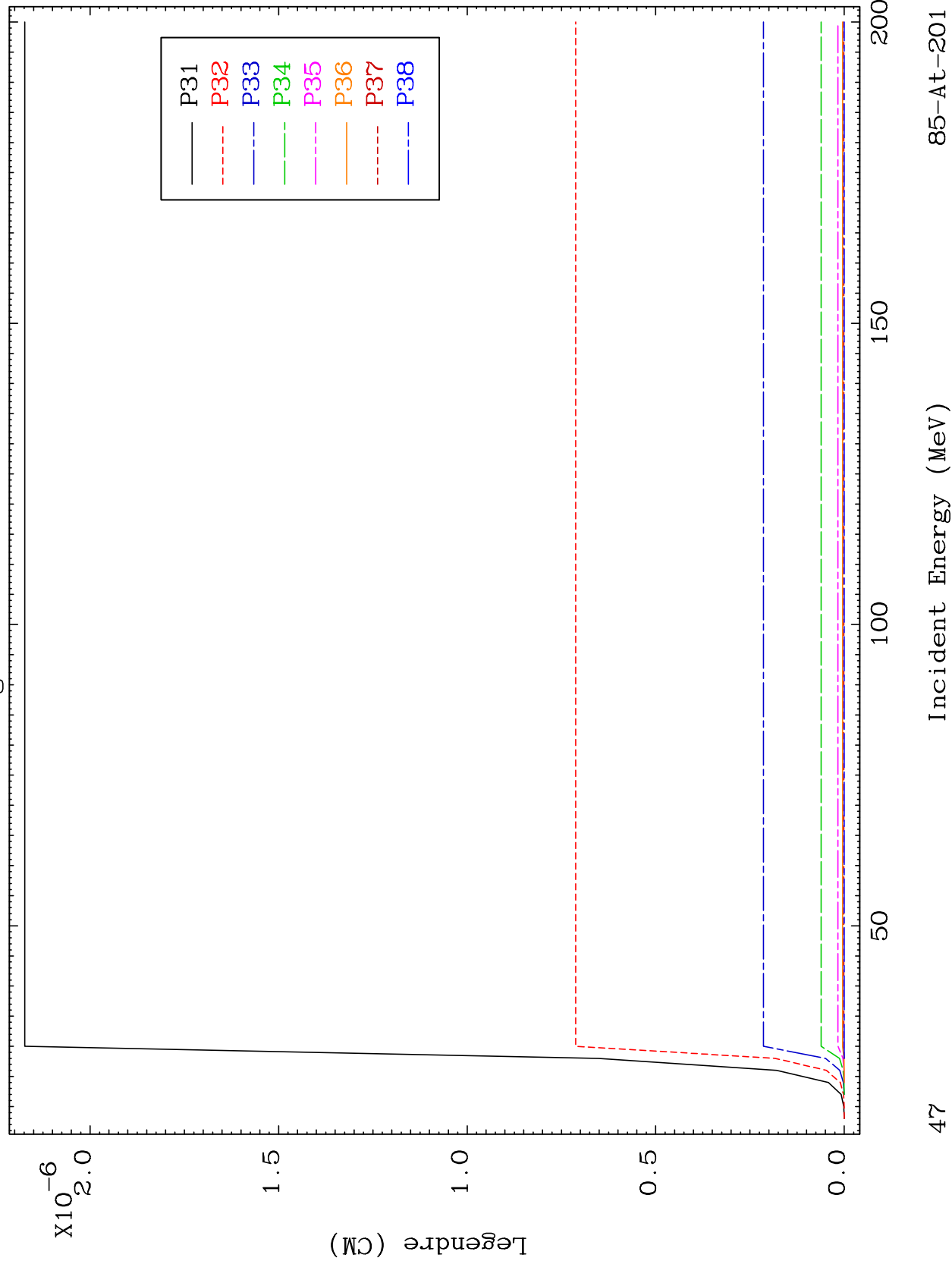
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



47

Incident Energy (MeV)

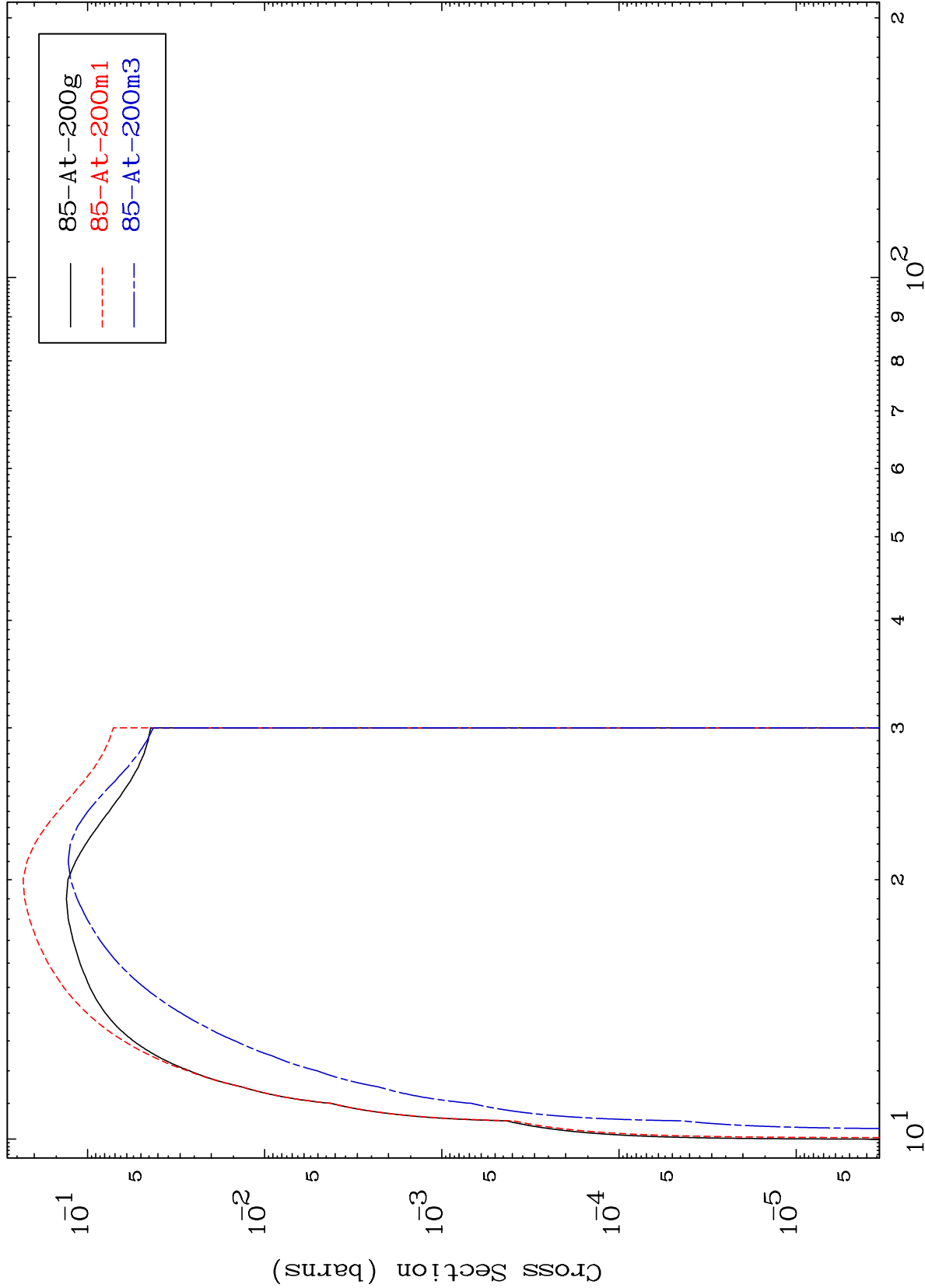
85-At-201

MAT 8519

(n,2n)

85-At-201

Radionuclide Production Cross Section



Incident Energy (MeV)

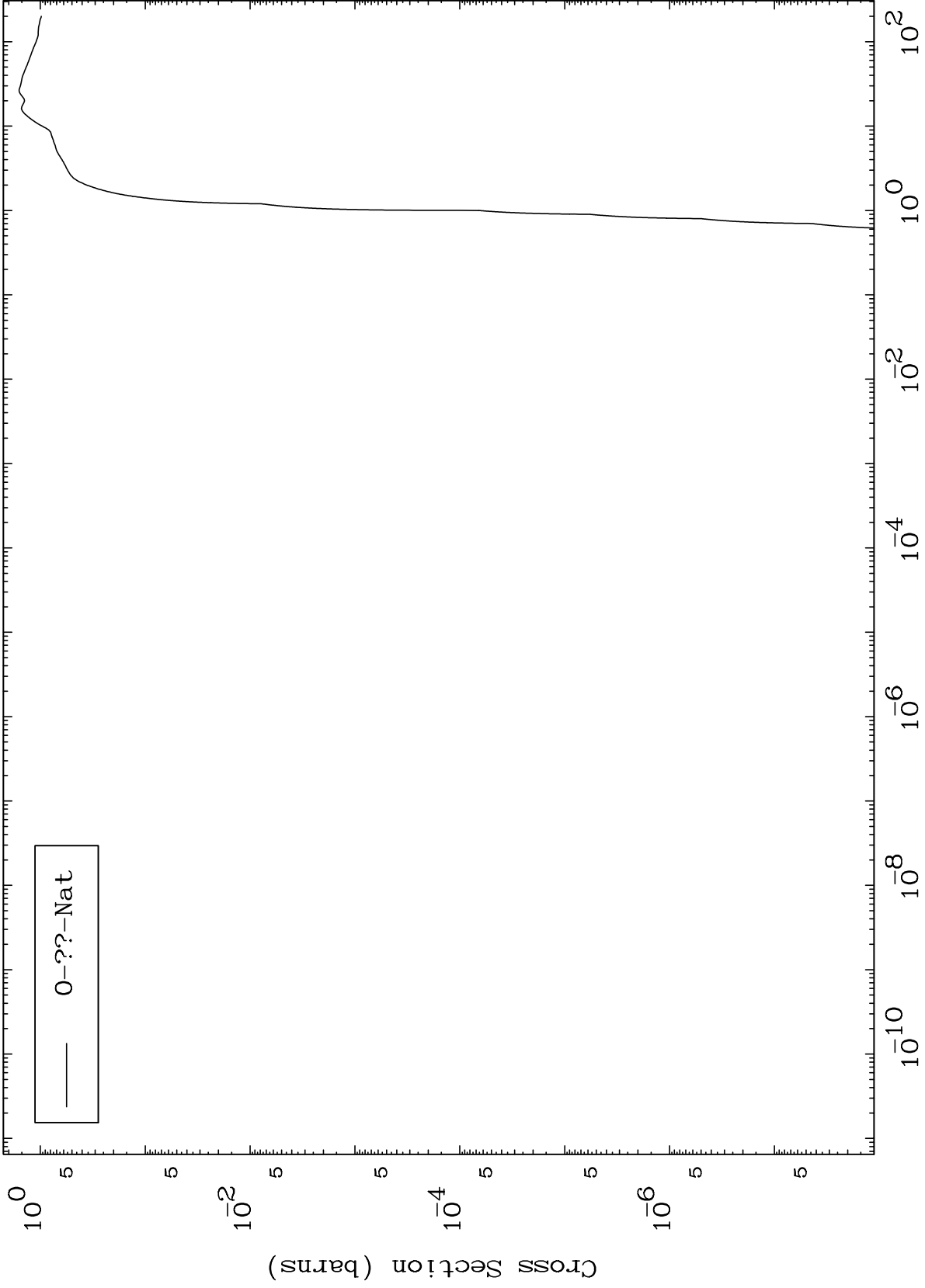
85-At-201

MAT 8519

Fission

85-At-201

Radionuclide Production Cross Section



49

Incident Energy (MeV)

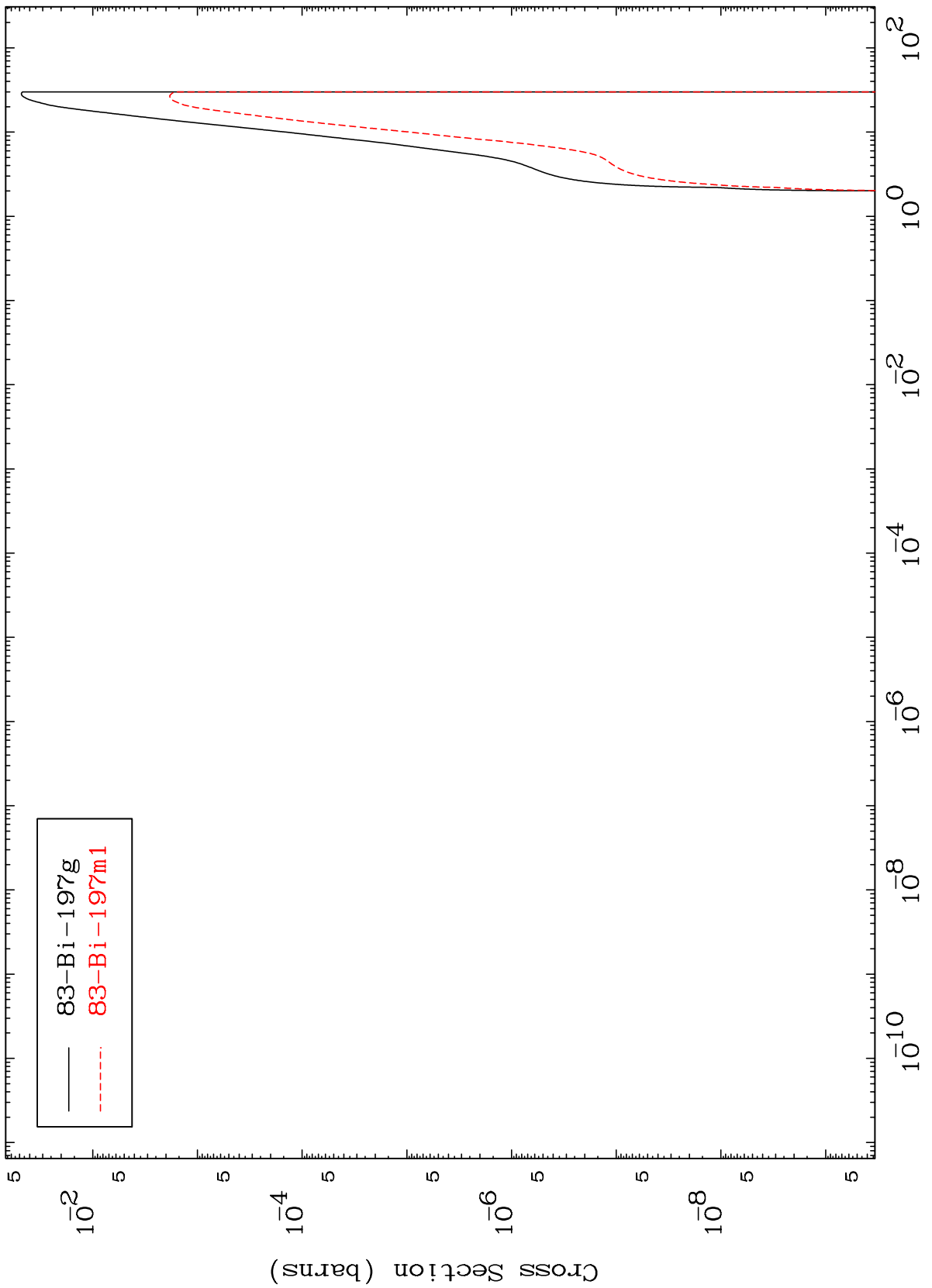
85-At-201

MAT 8519

(n,n') α

85-At-201

Radionuclide Production Cross Section



50

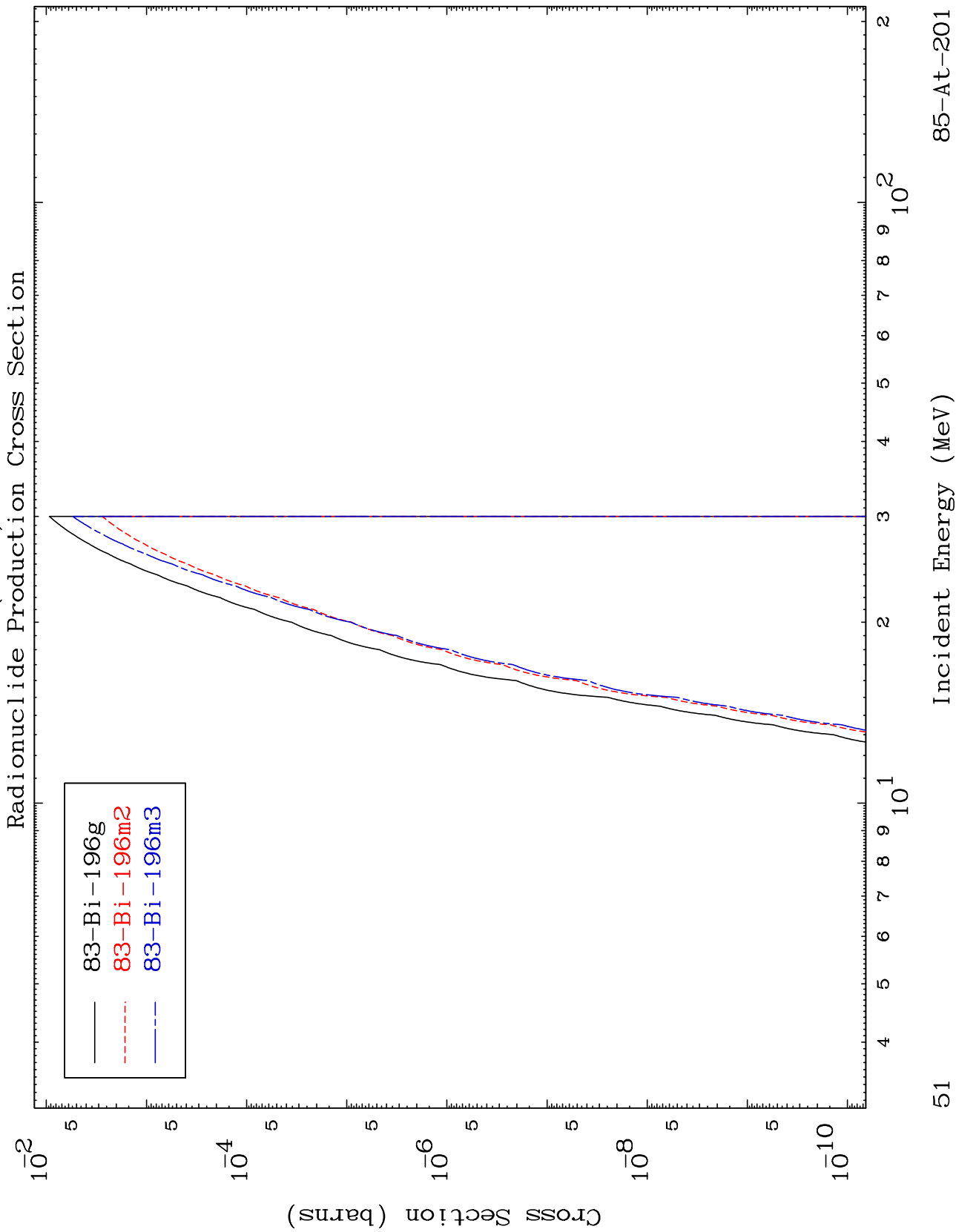
Incident Energy (MeV)

85-At-201

MAT 8519

(n,2n) α

85-At-201



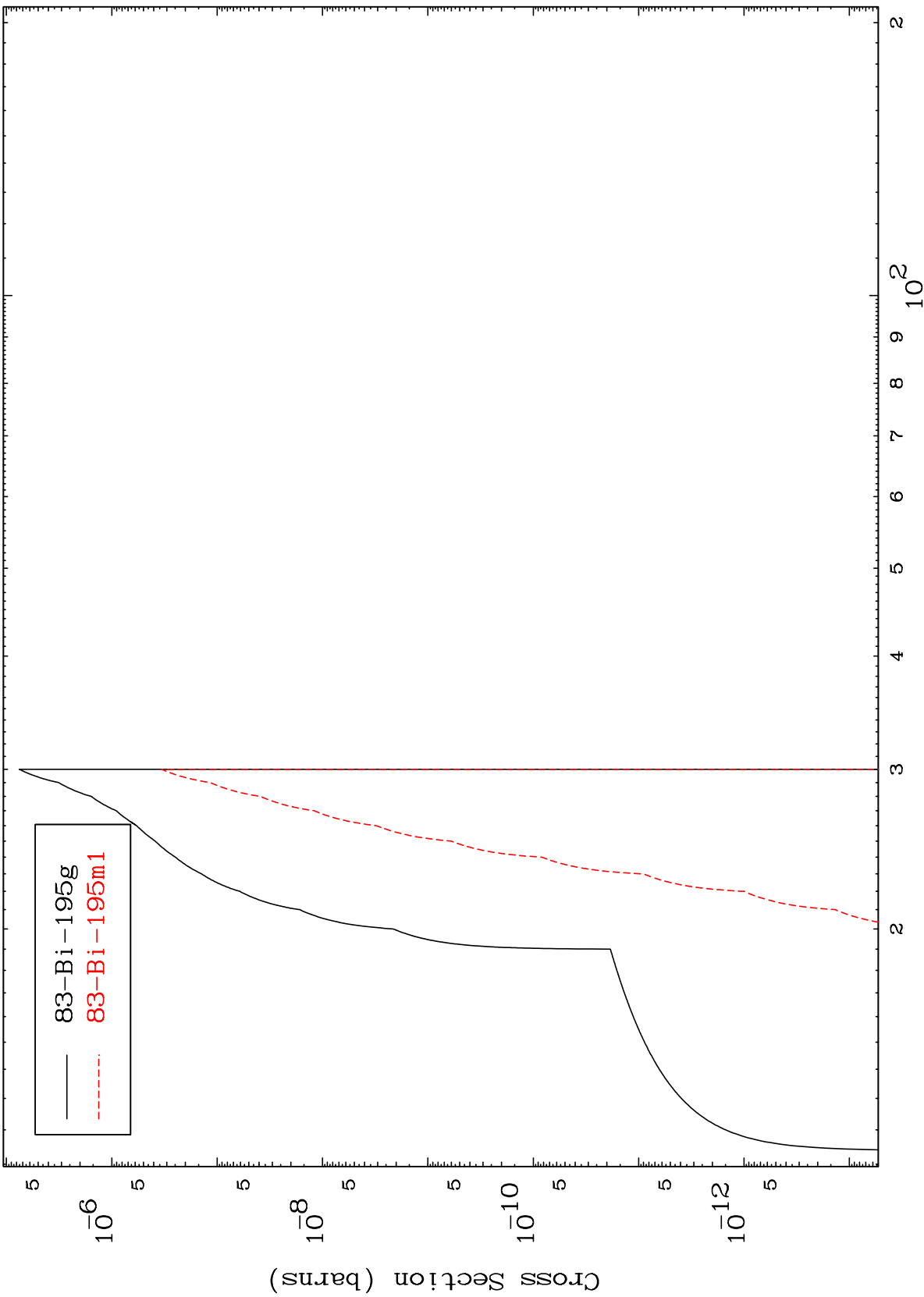
83-Bi-196g
83-Bi-196m2
83-Bi-196m3

MAT 8519

(n,3n) α

85-At-201

Radionuclide Production Cross Section



52

Incident Energy (MeV)

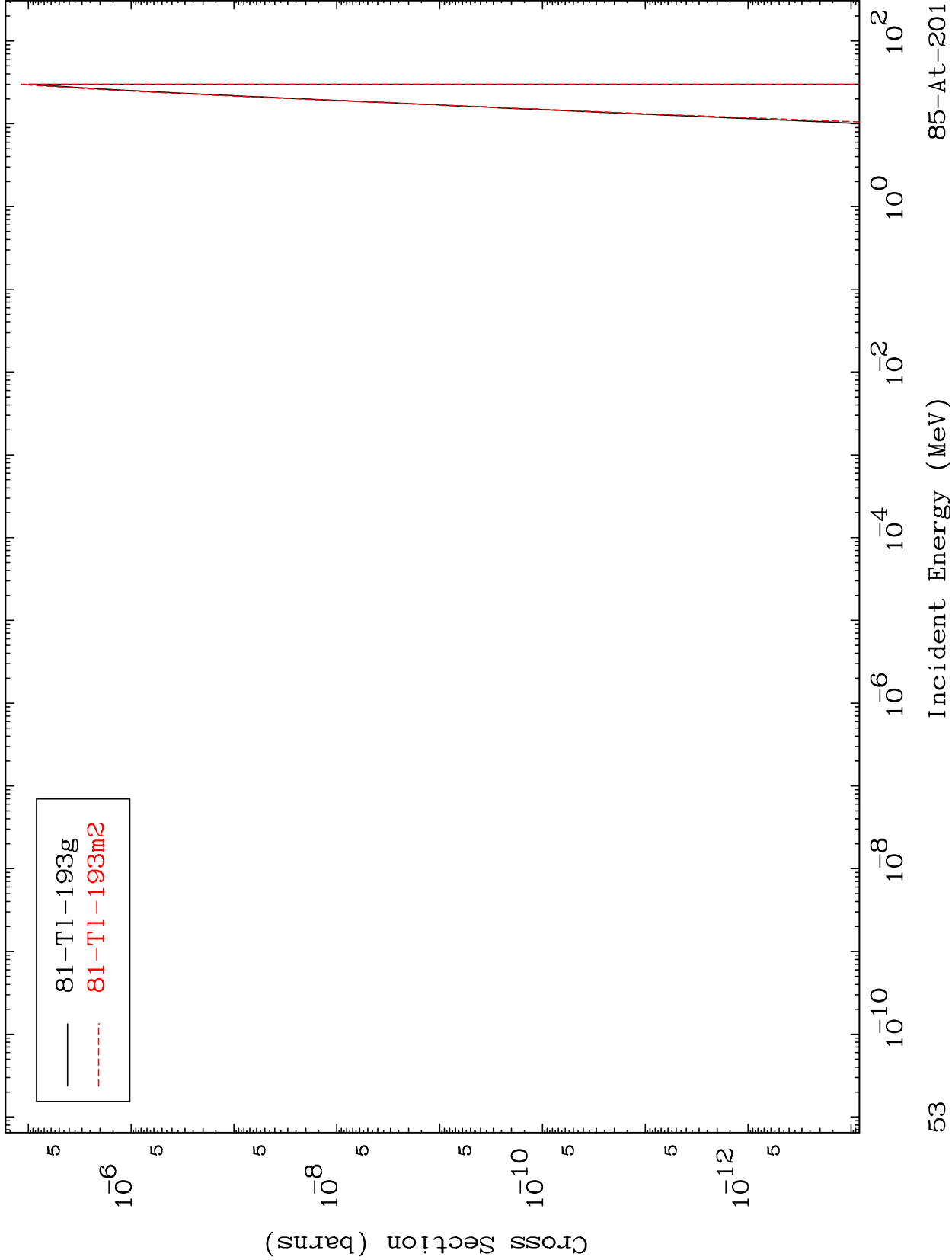
85-At-201

MAT 8519

(n,n') 2α

85-At-201

Radionuclide Production Cross Section

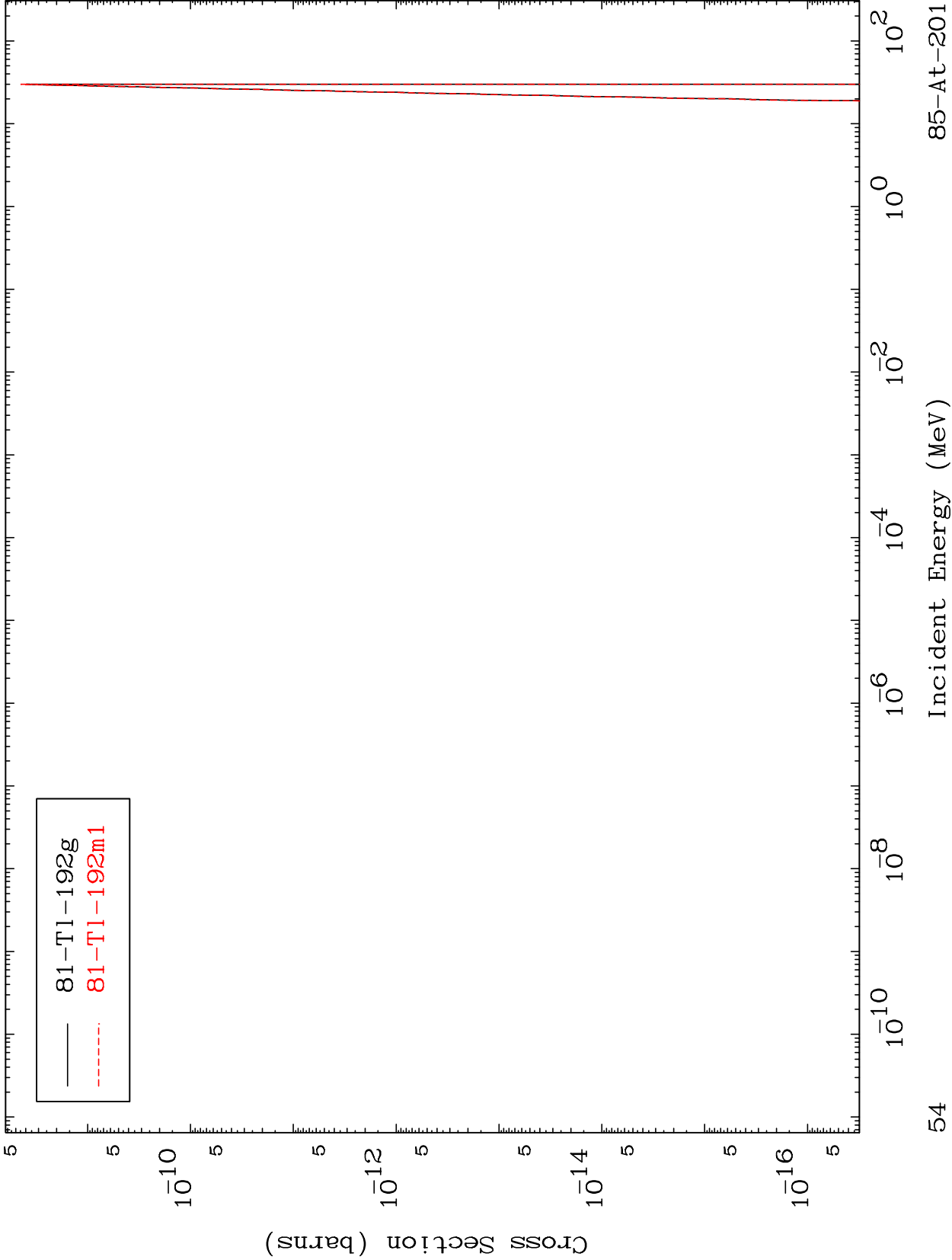


MAT 8519

(n,2n) 2α

85-At-201

Radionuclide Production Cross Section

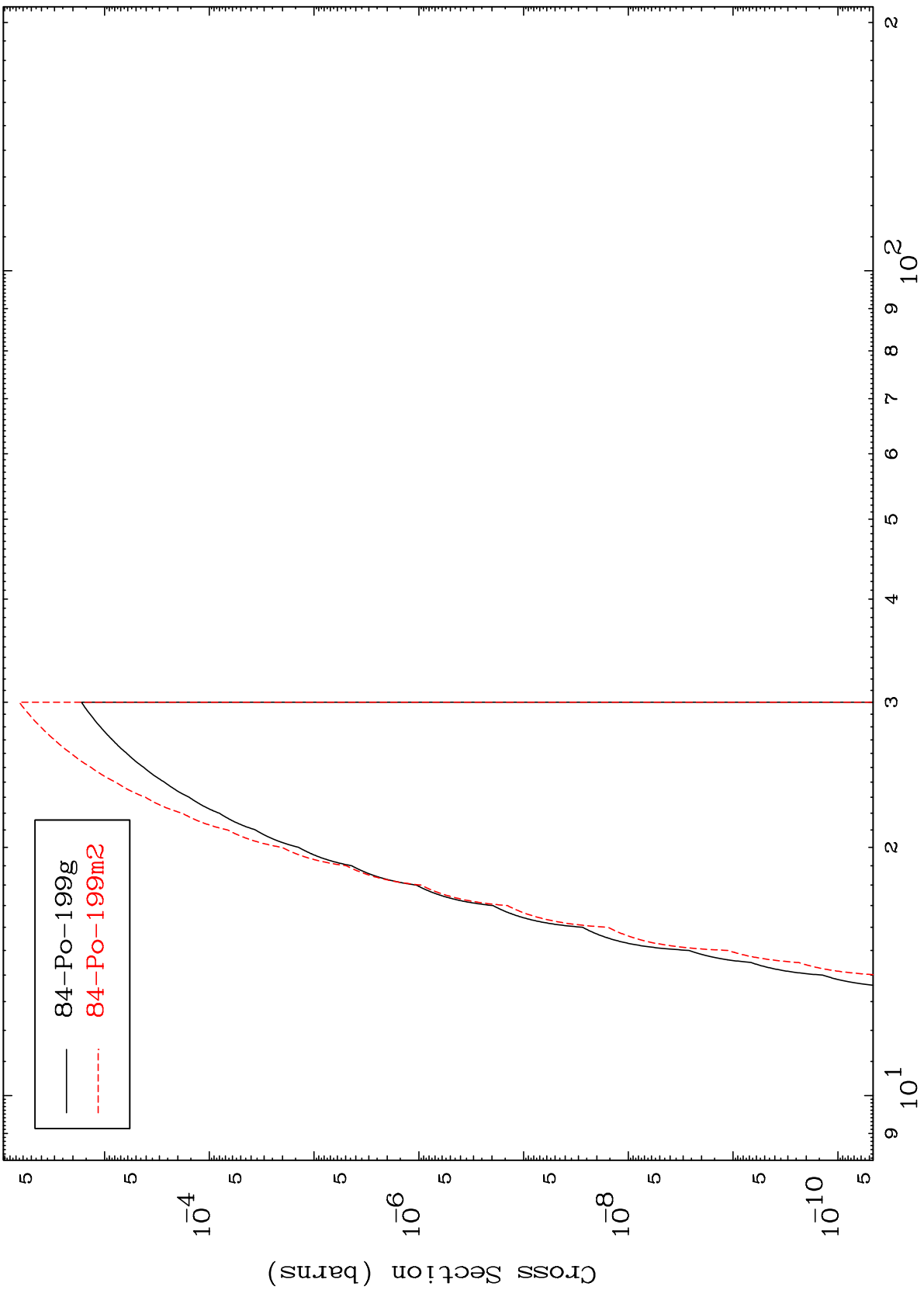


54

Incident Energy (MeV)

85-At-201

Radionuclide Production Cross Section

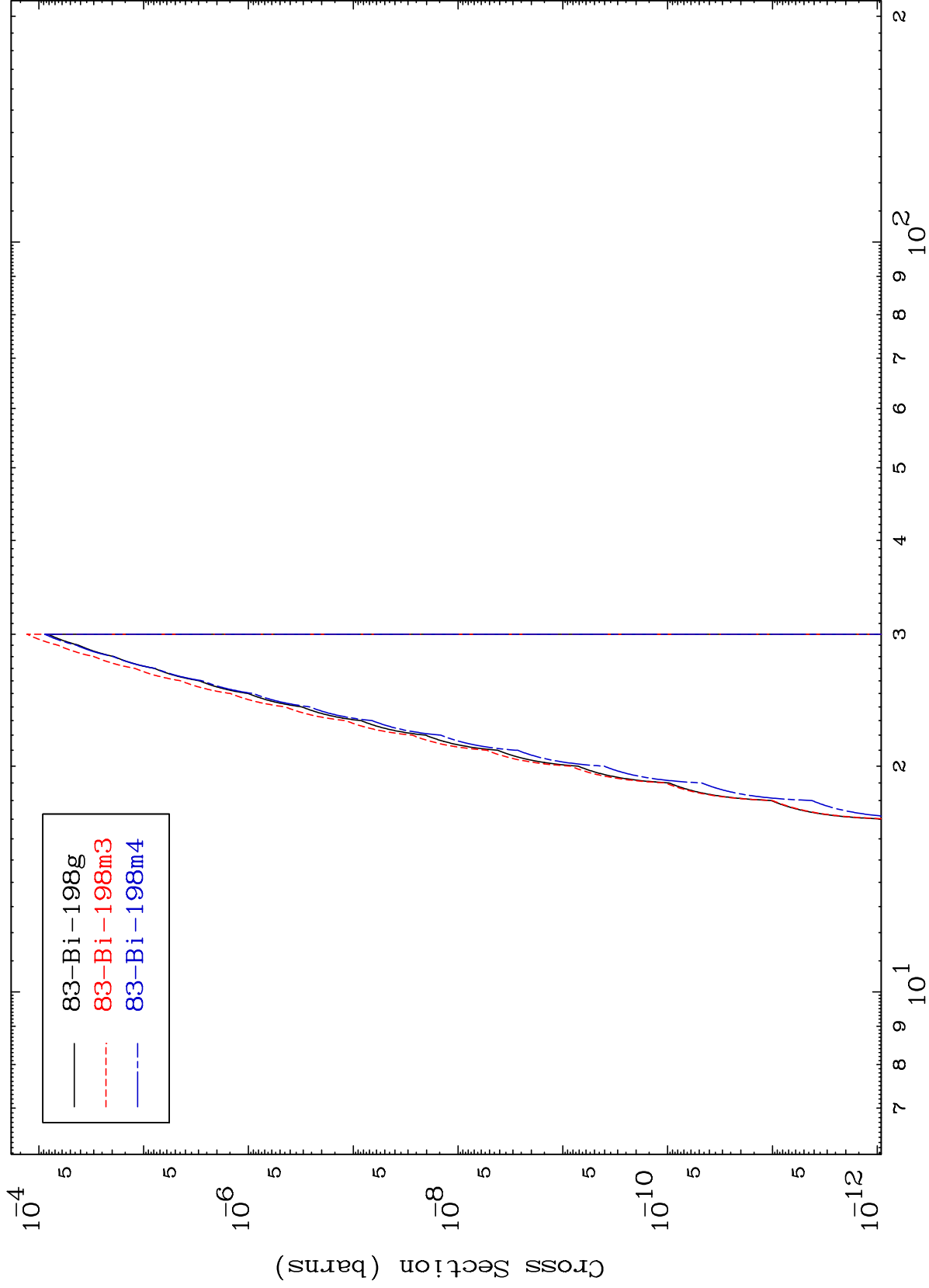


MAT 8519

(n,n') He-3

85-At-201

Radionuclide Production Cross Section



56

Incident Energy (MeV)

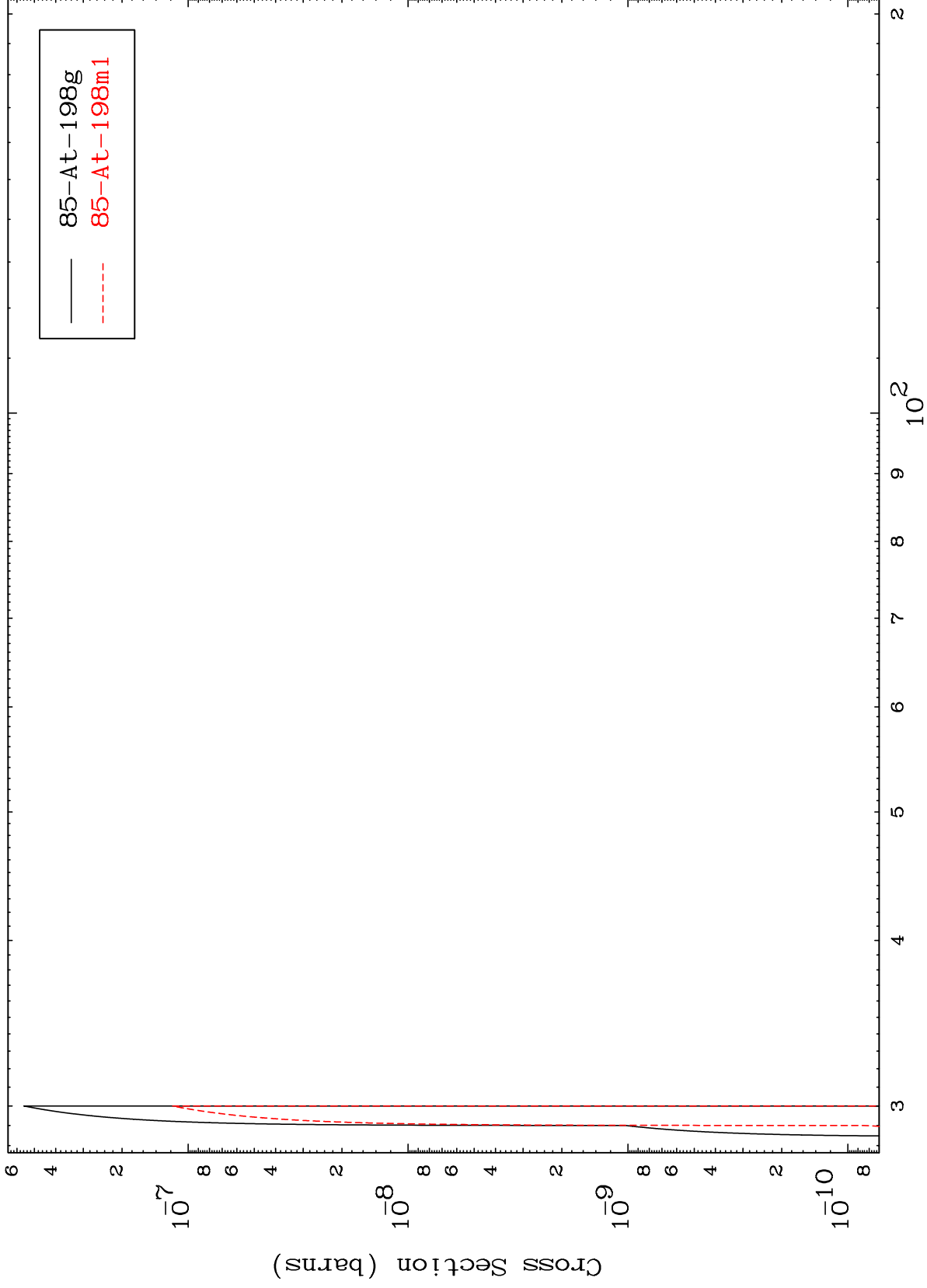
85-At-201

MAT 8519

(n,4n)

85-At-201

Radionuclide Production Cross Section

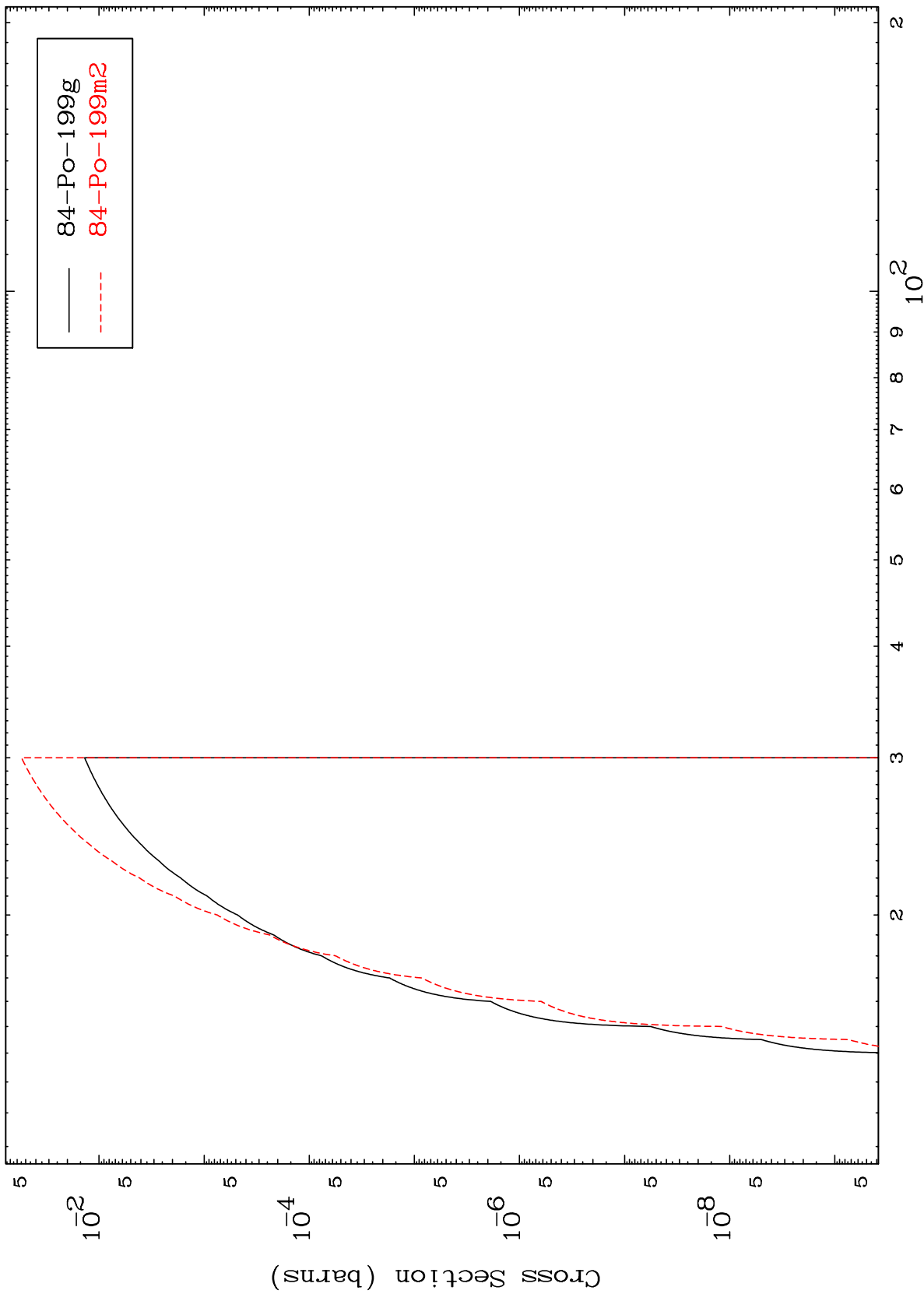


57

Incident Energy (MeV)

85-At-201

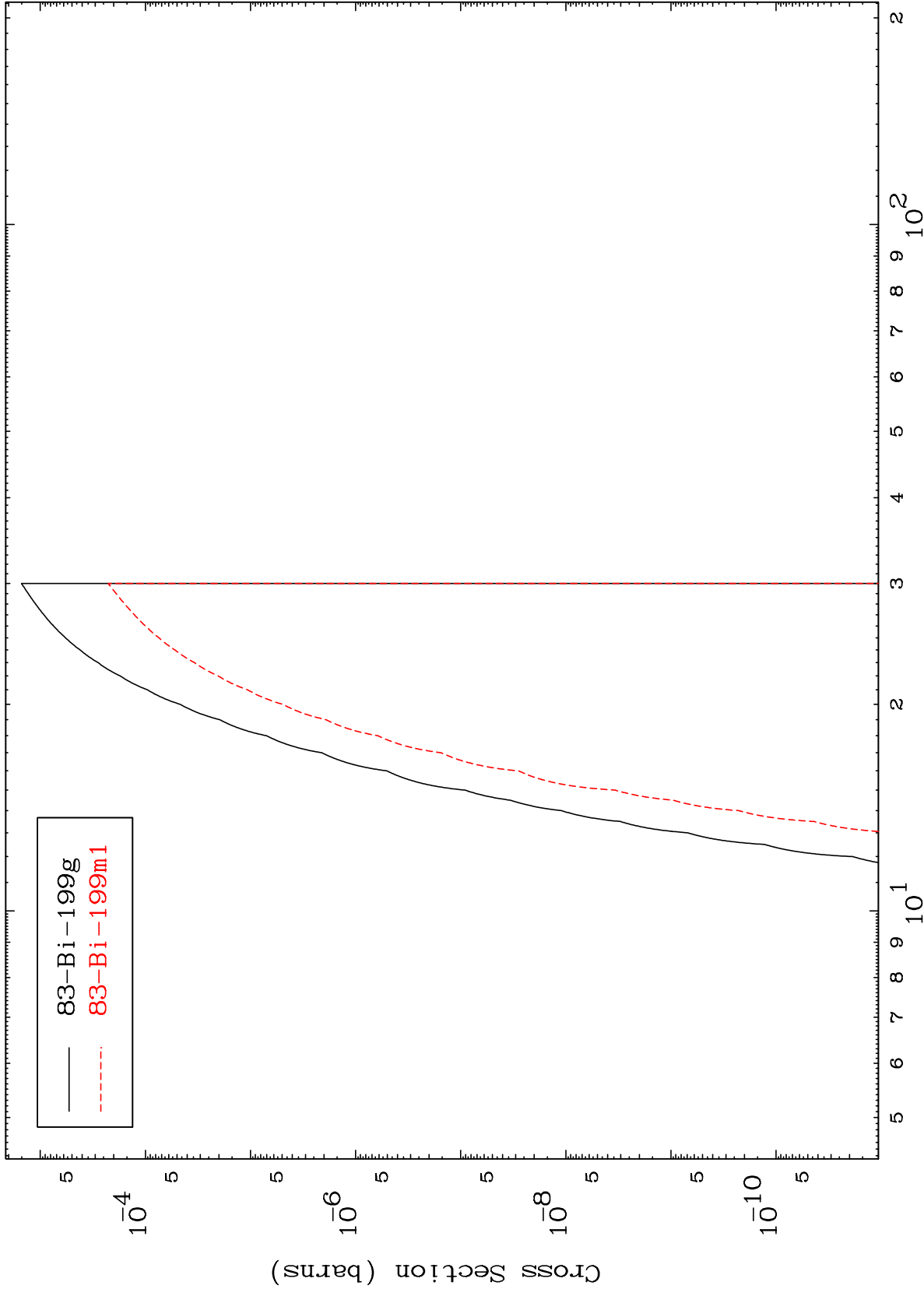
Radionuclide Production Cross Section



MAT 8519

85-At-201

(n,2n) p
Radionuclide Production Cross Section



59

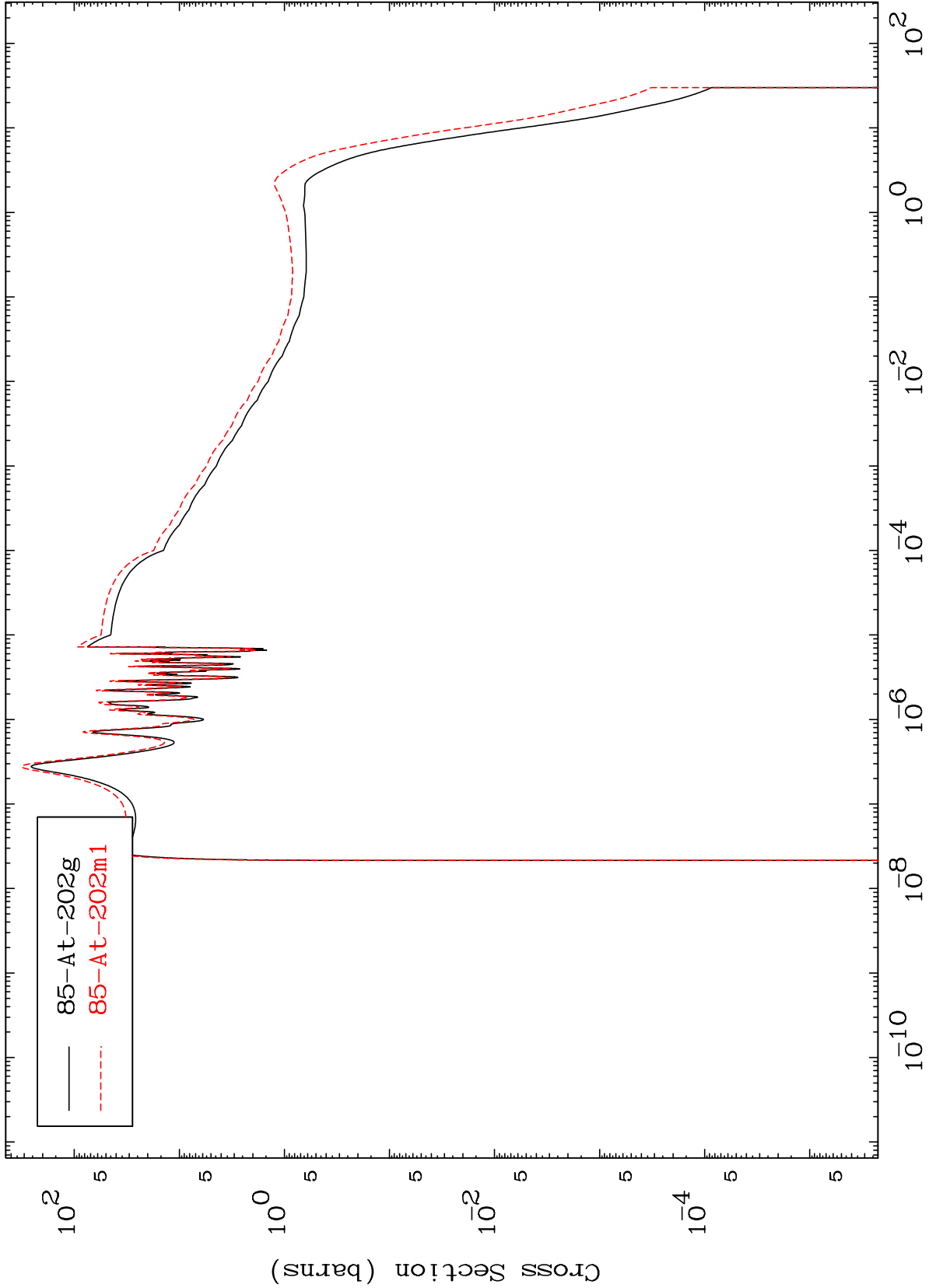
Incident Energy (MeV)

85-At-201

MAT 8519

85-At-201

(n, γ)
Radionuclide Production Cross Section

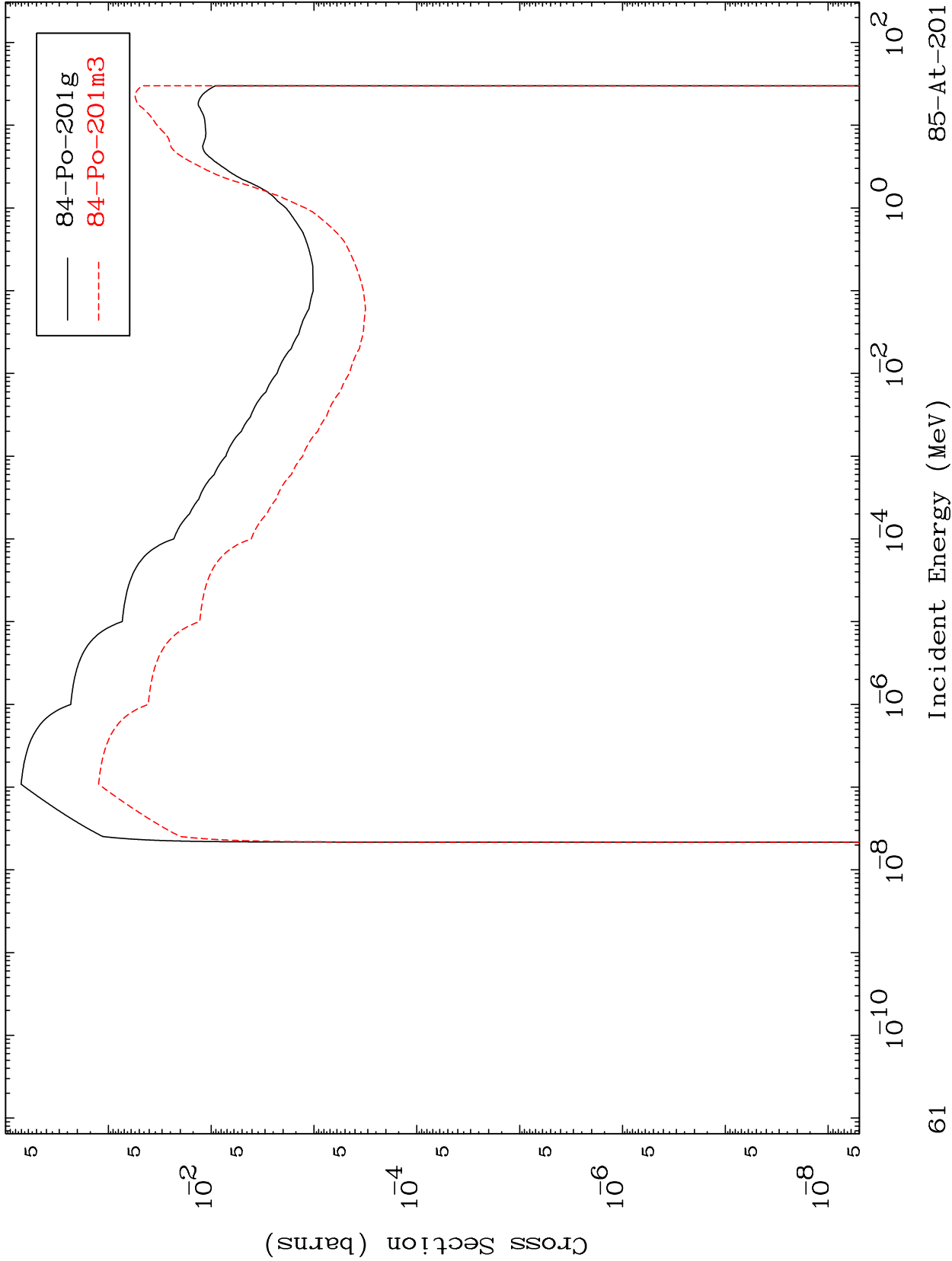


60

85-At-201

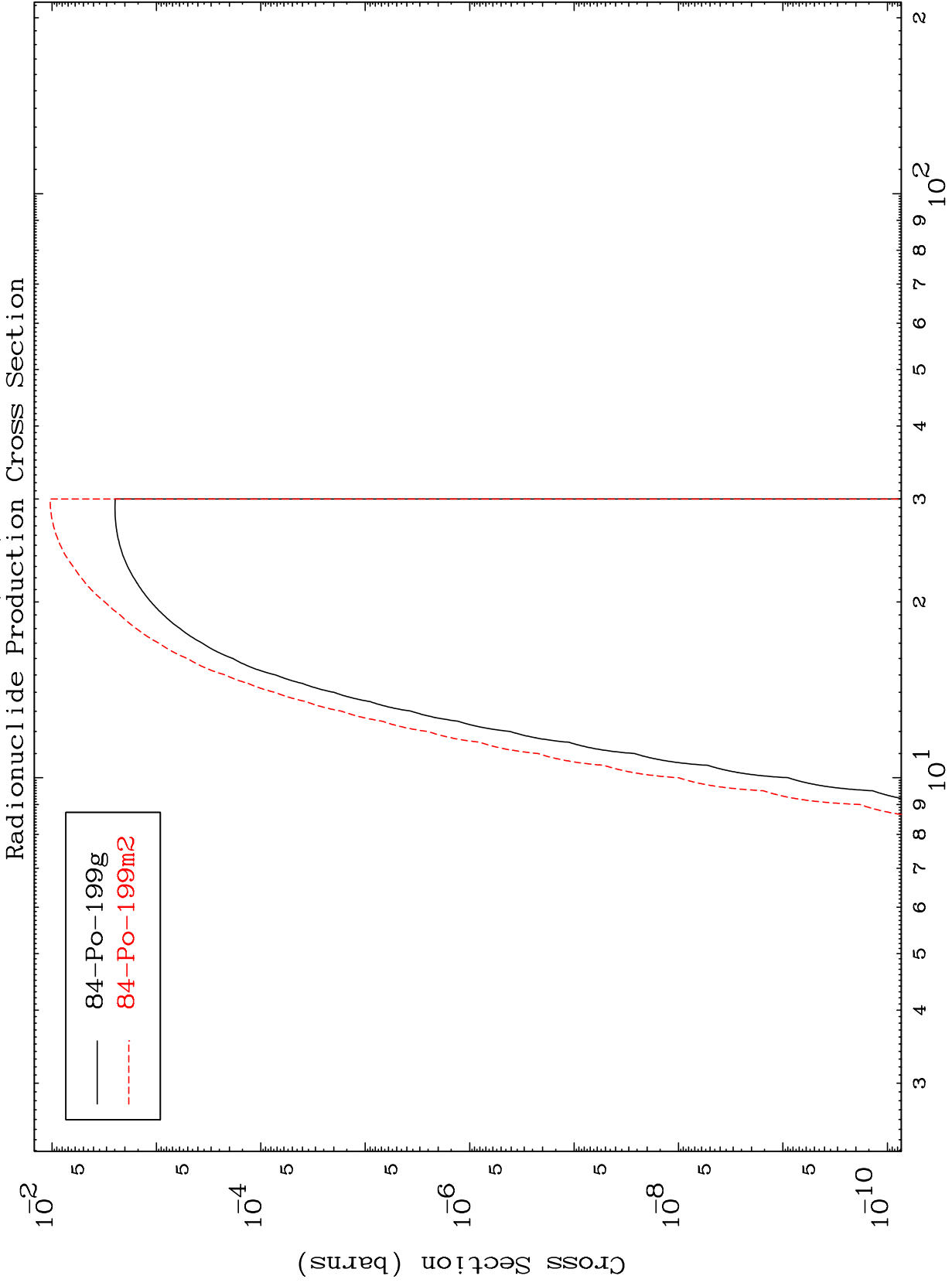
Incident Energy (MeV)

(n,p)
Radionuclide Production Cross Section



MAT 8519

85-At-201



62

Incident Energy (MeV)

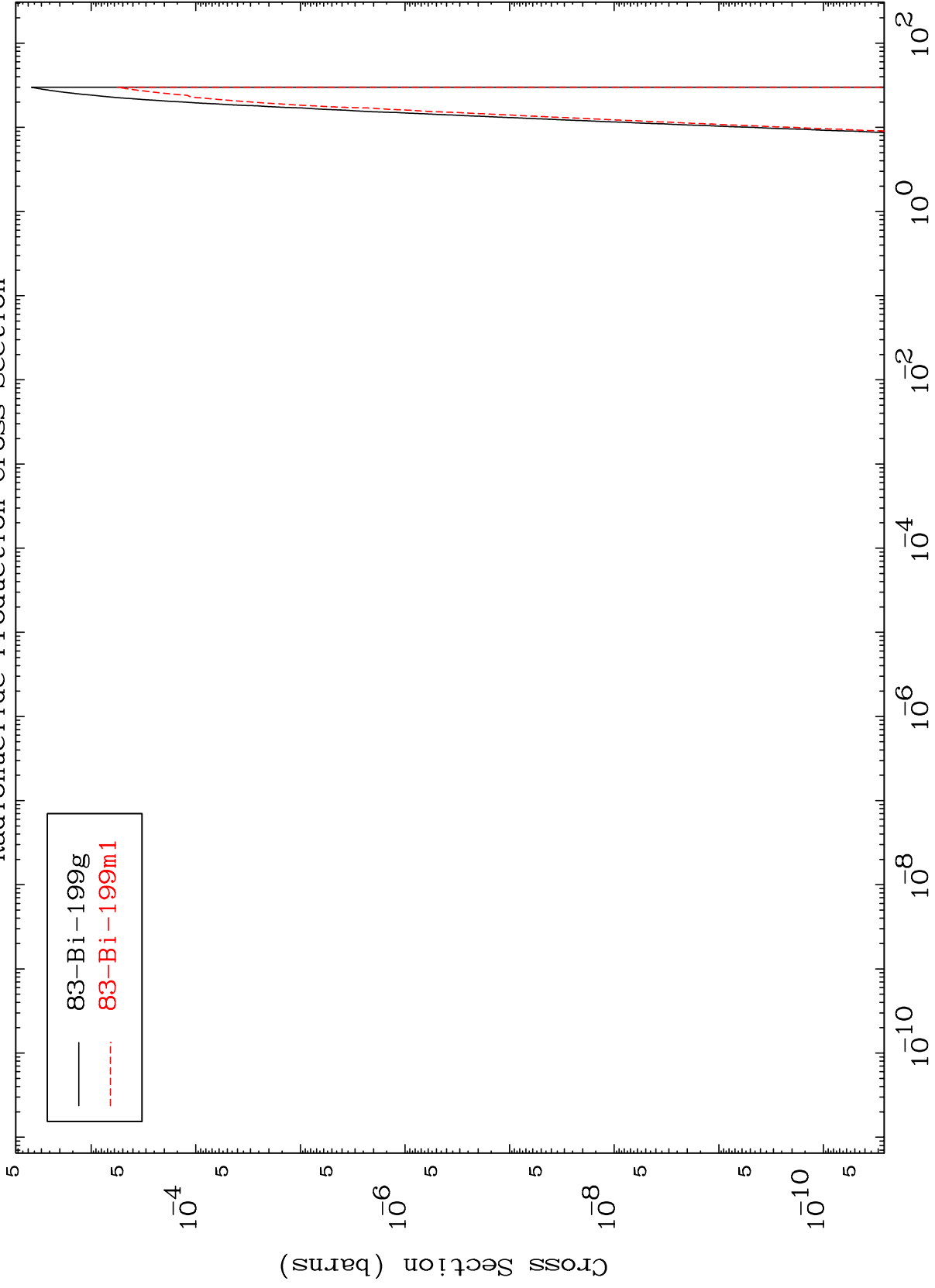
85-At-201

MAT 8519

(n,He-3)

85-At-201

Radionuclide Production Cross Section



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

63

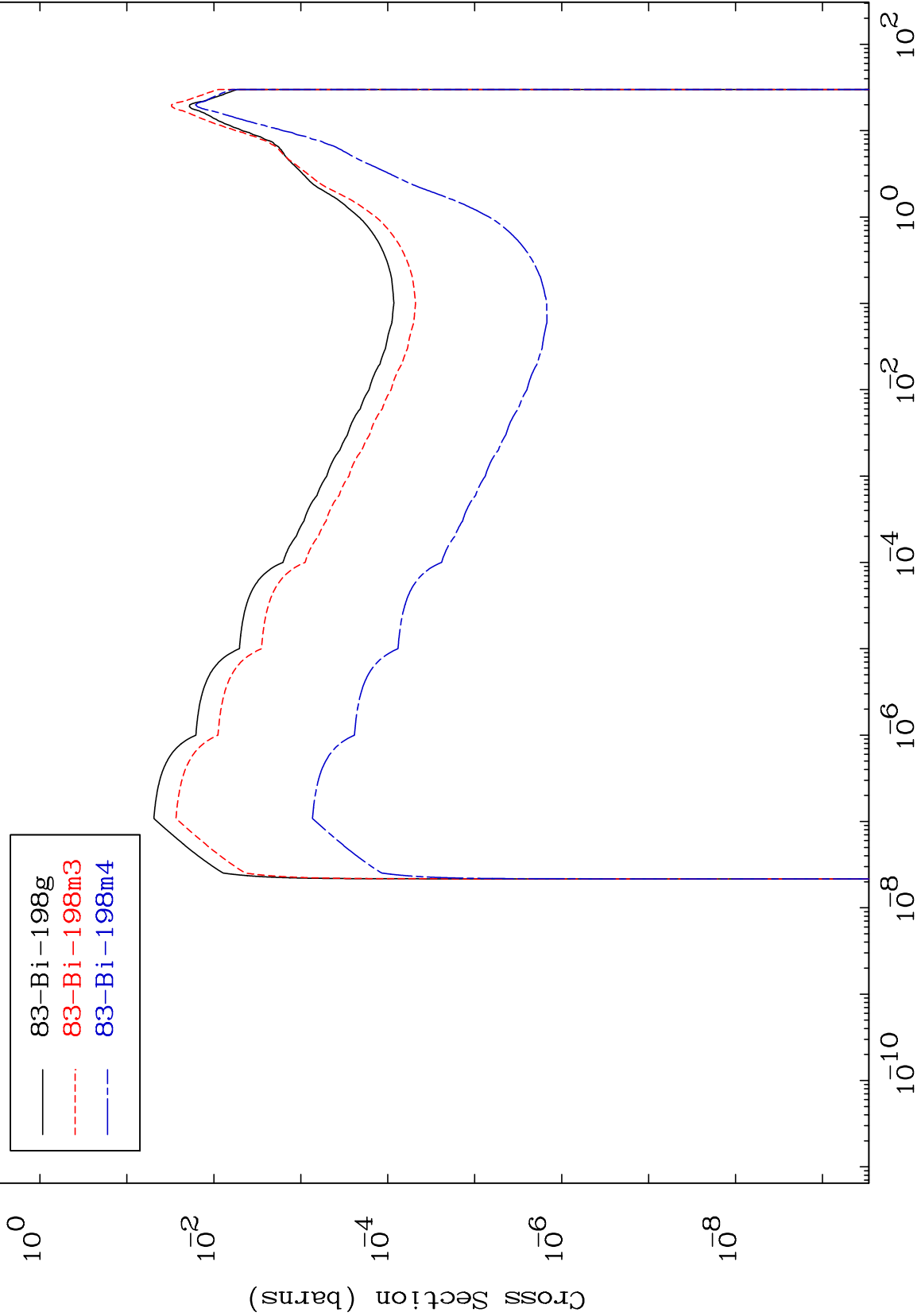
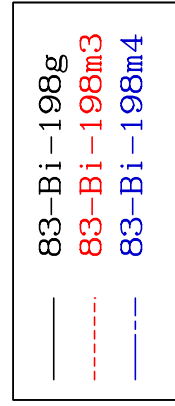
Incident Energy (MeV)

85-At-201

MAT 8519

85-At-201

Radionuclide Production Cross Section
(n, α)



64

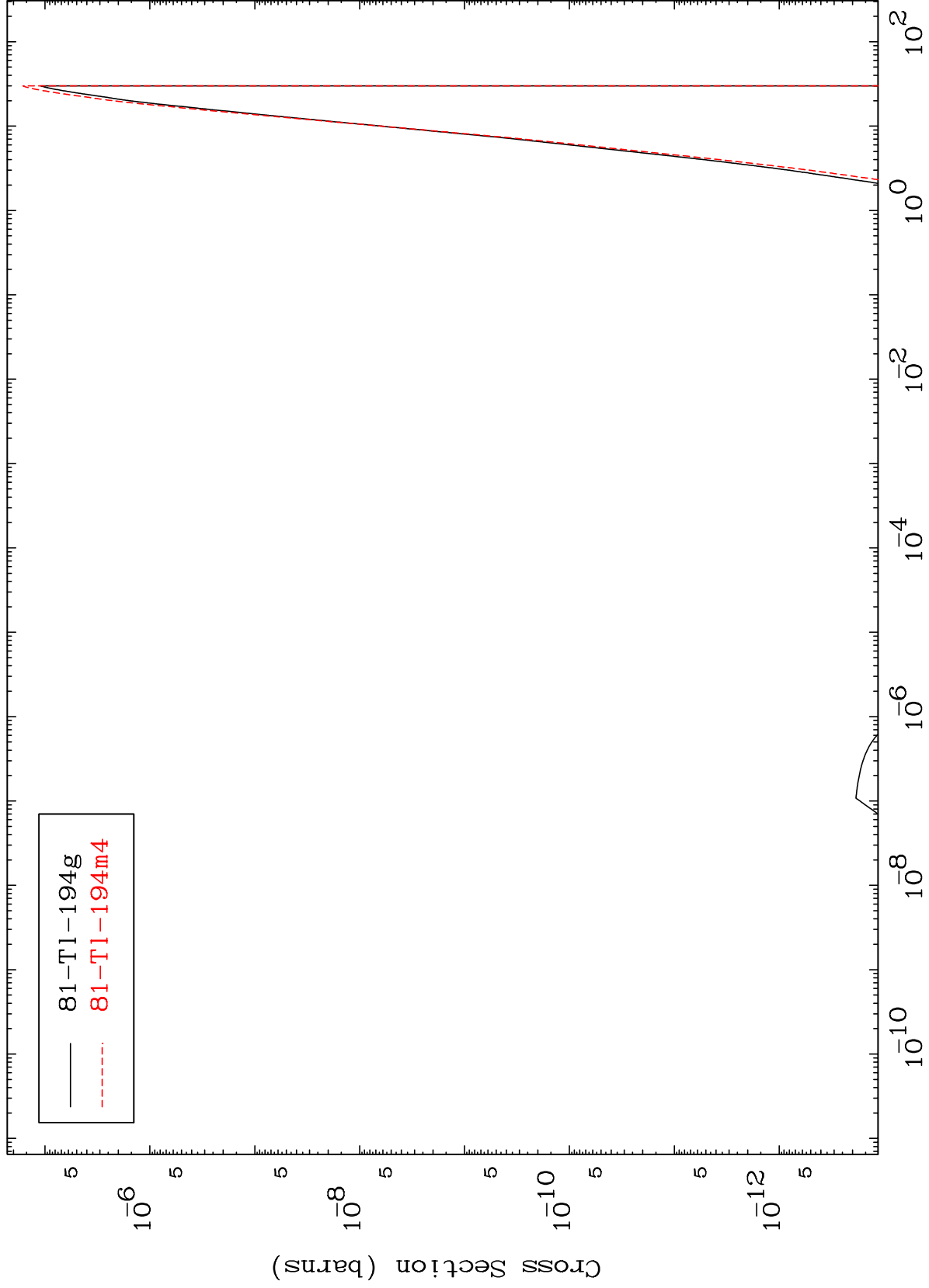
85-At-201

MAT 8519

(n,2α)

85-At-201

Radionuclide Production Cross Section



65

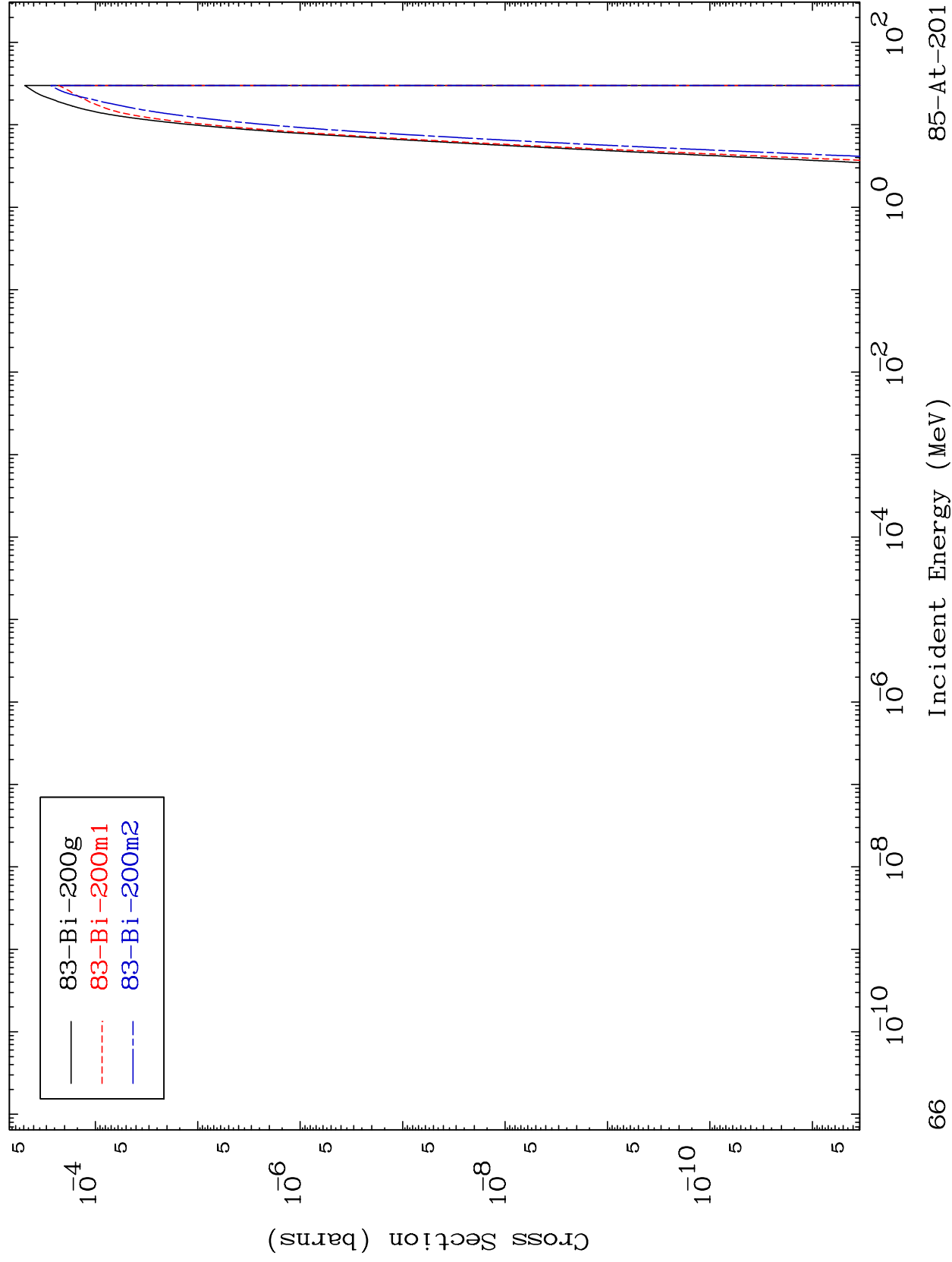
Incident Energy (MeV)

85-At-201

MAT 8519

85-At-201

(n,2p)
Radionuclide Production Cross Section



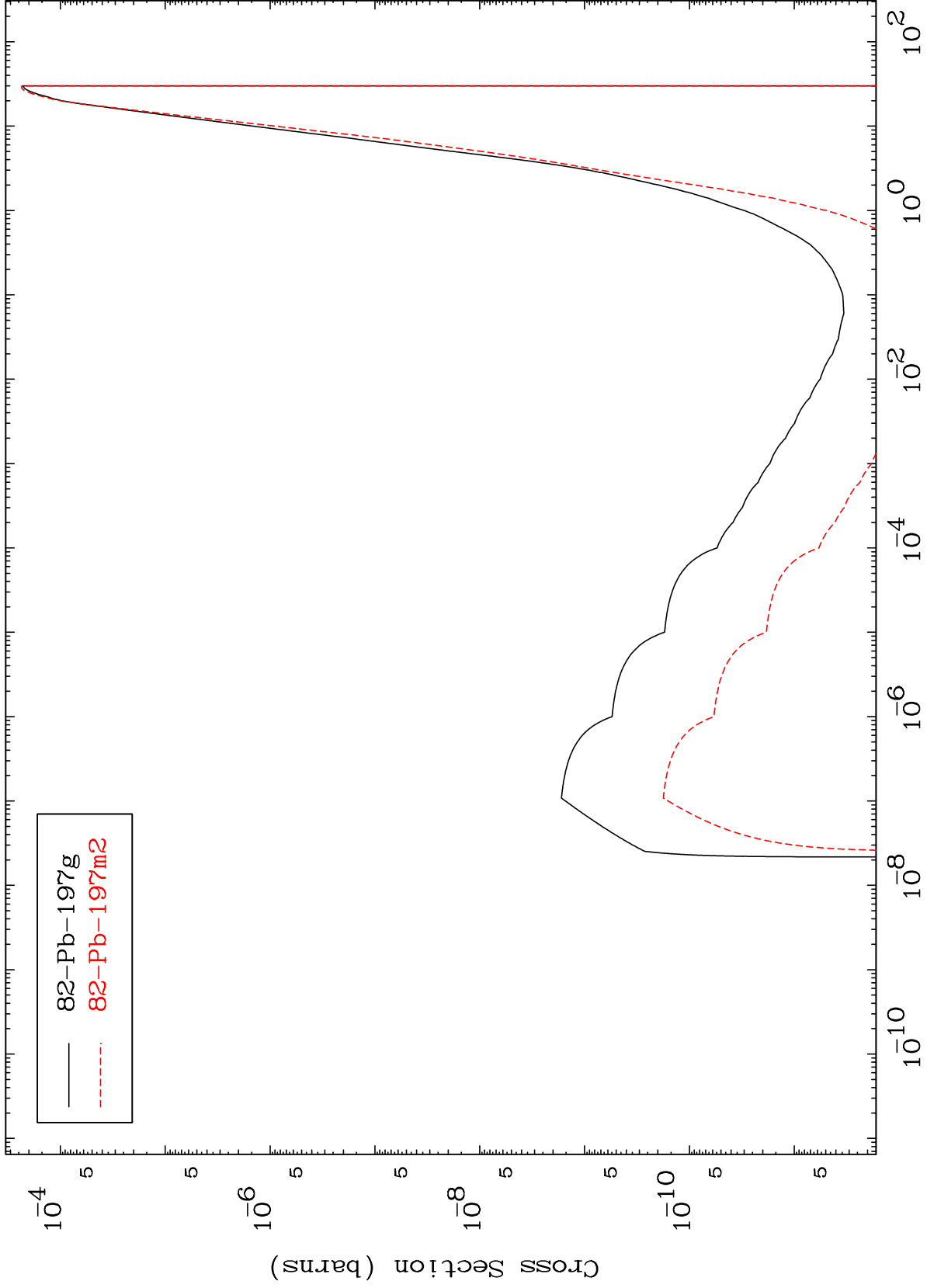
66

MAT 8519

(n,p) α

85-At-201

Radionuclide Production Cross Section



67

Incident Energy (MeV)

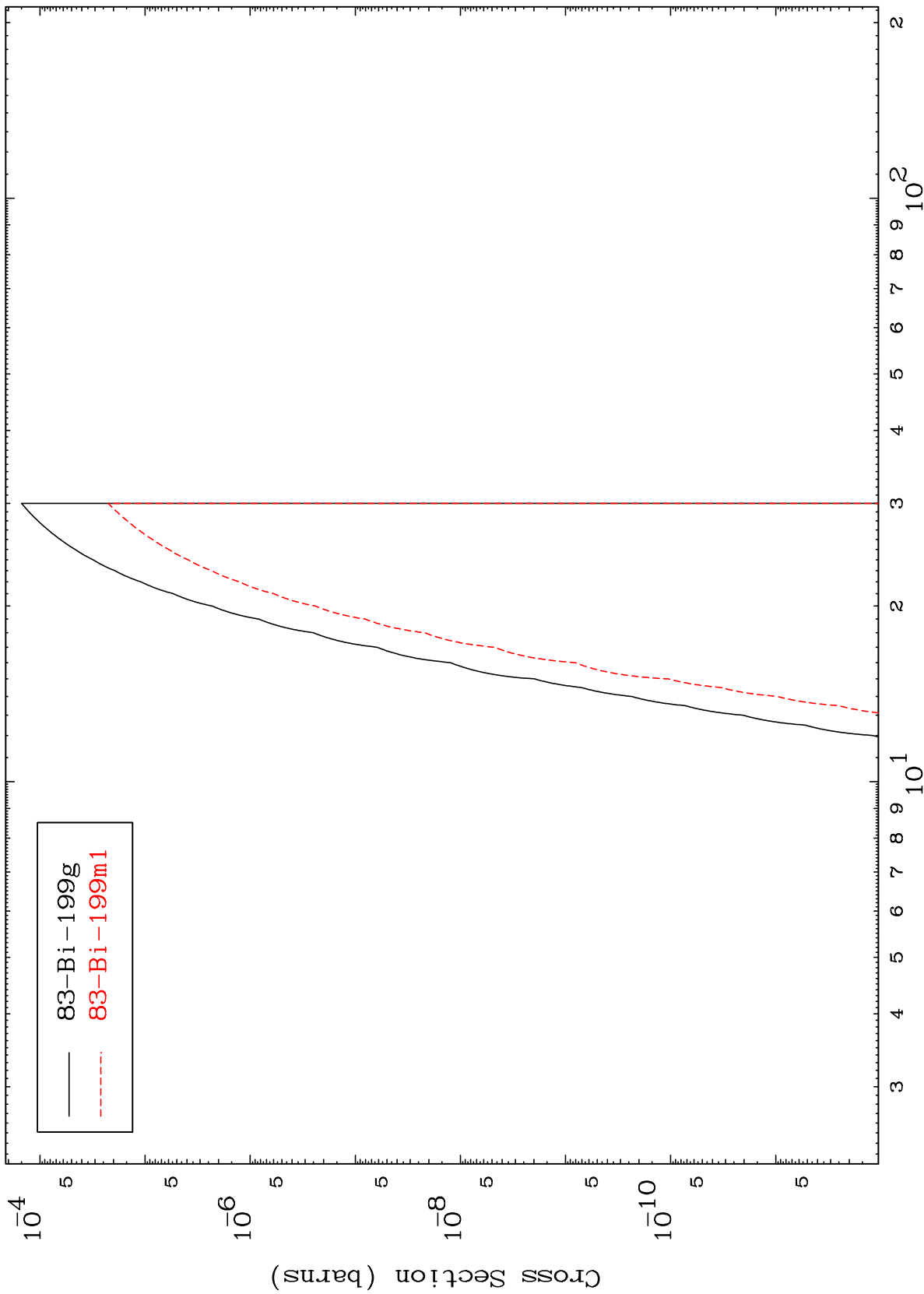
85-At-201

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Radionuclide Production Cross Section



68

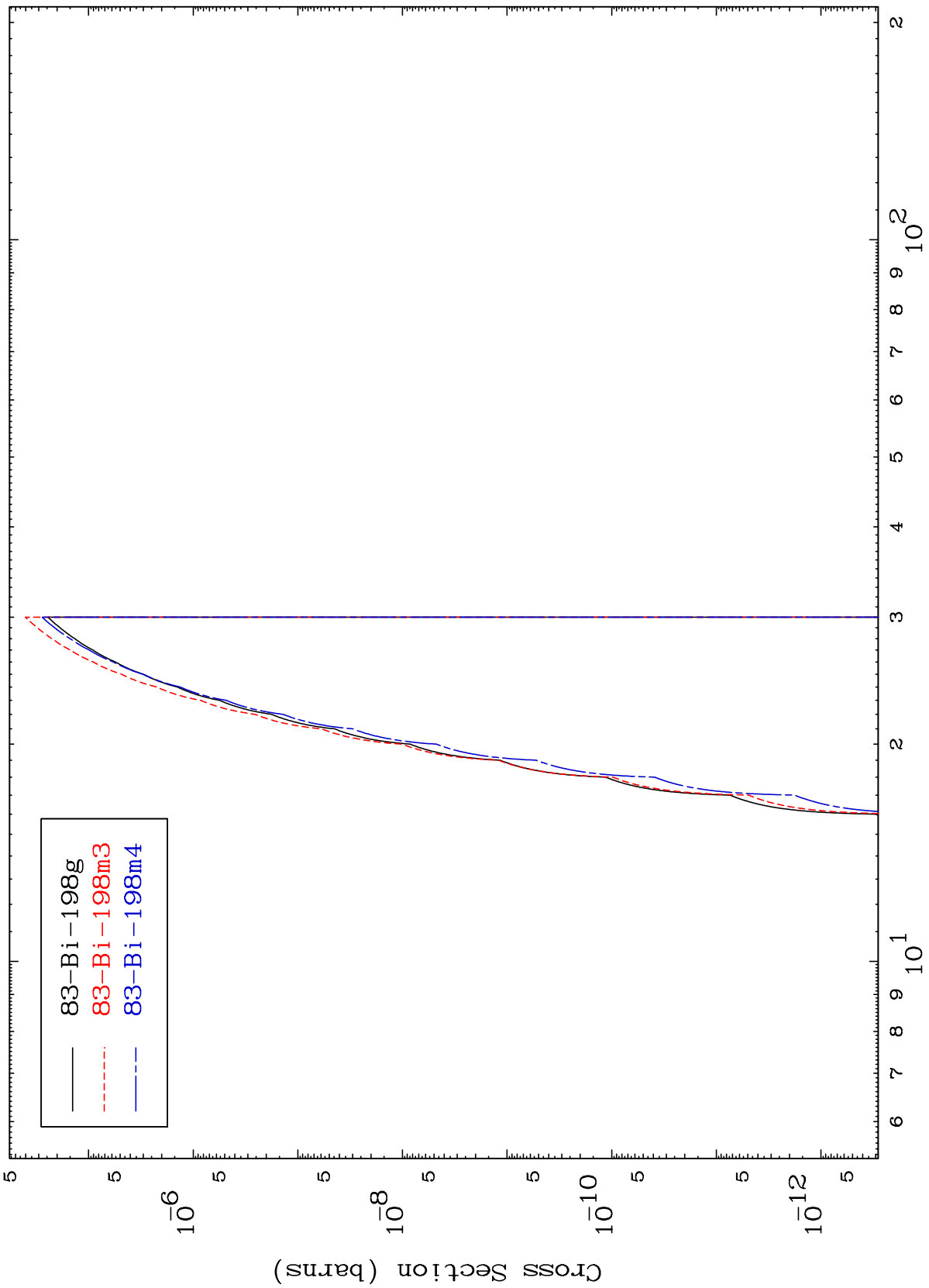
Incident Energy (MeV)

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Radionuclide Production Cross Section



69

Incident Energy (MeV)

85-At-201