

Program EVALPLOT  
(Version 2018-1)

by

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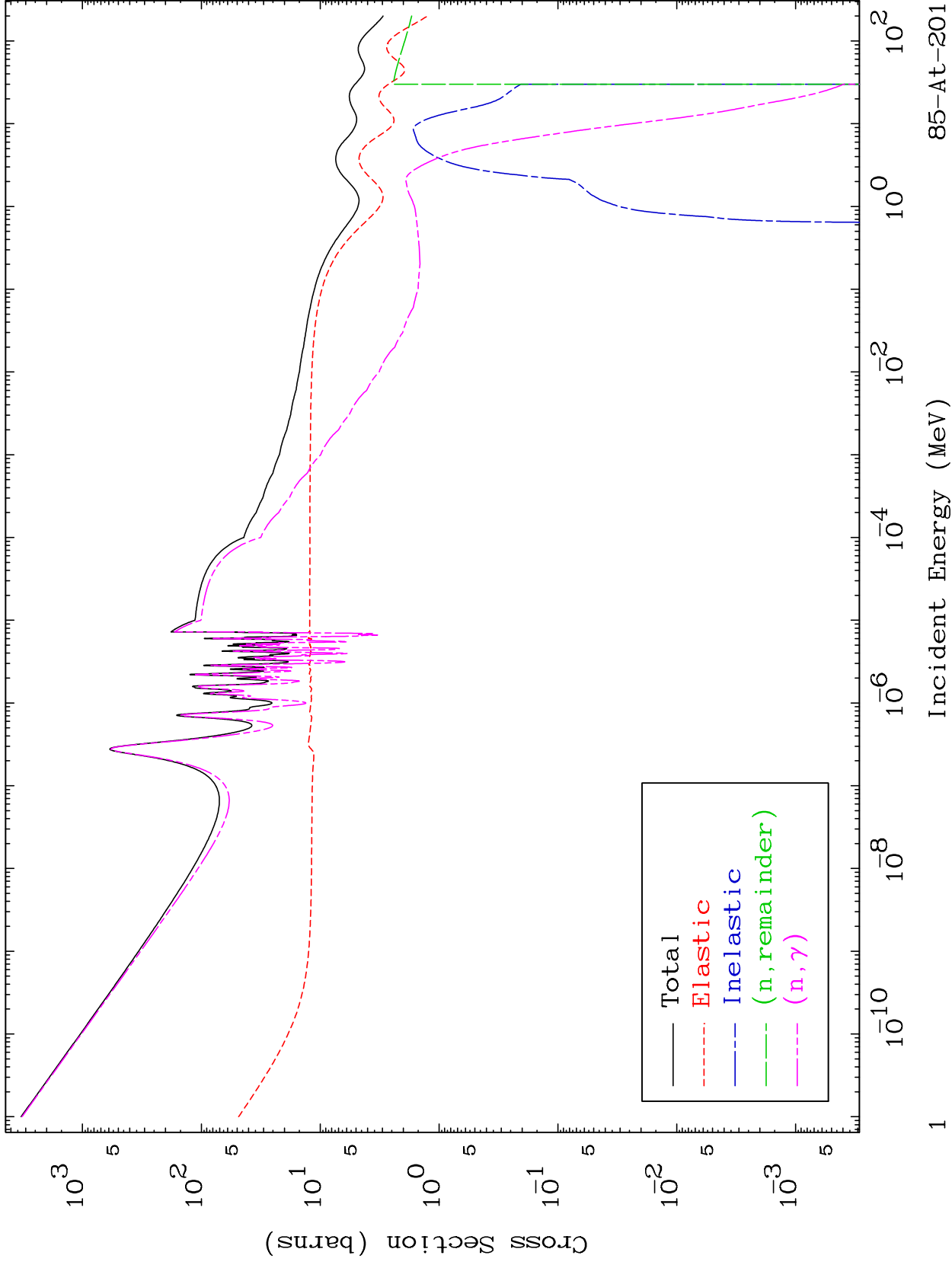
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Press Mouse Button to Start

MAT 8519

Major  
293 Kelvin Cross Sections

85-At-201



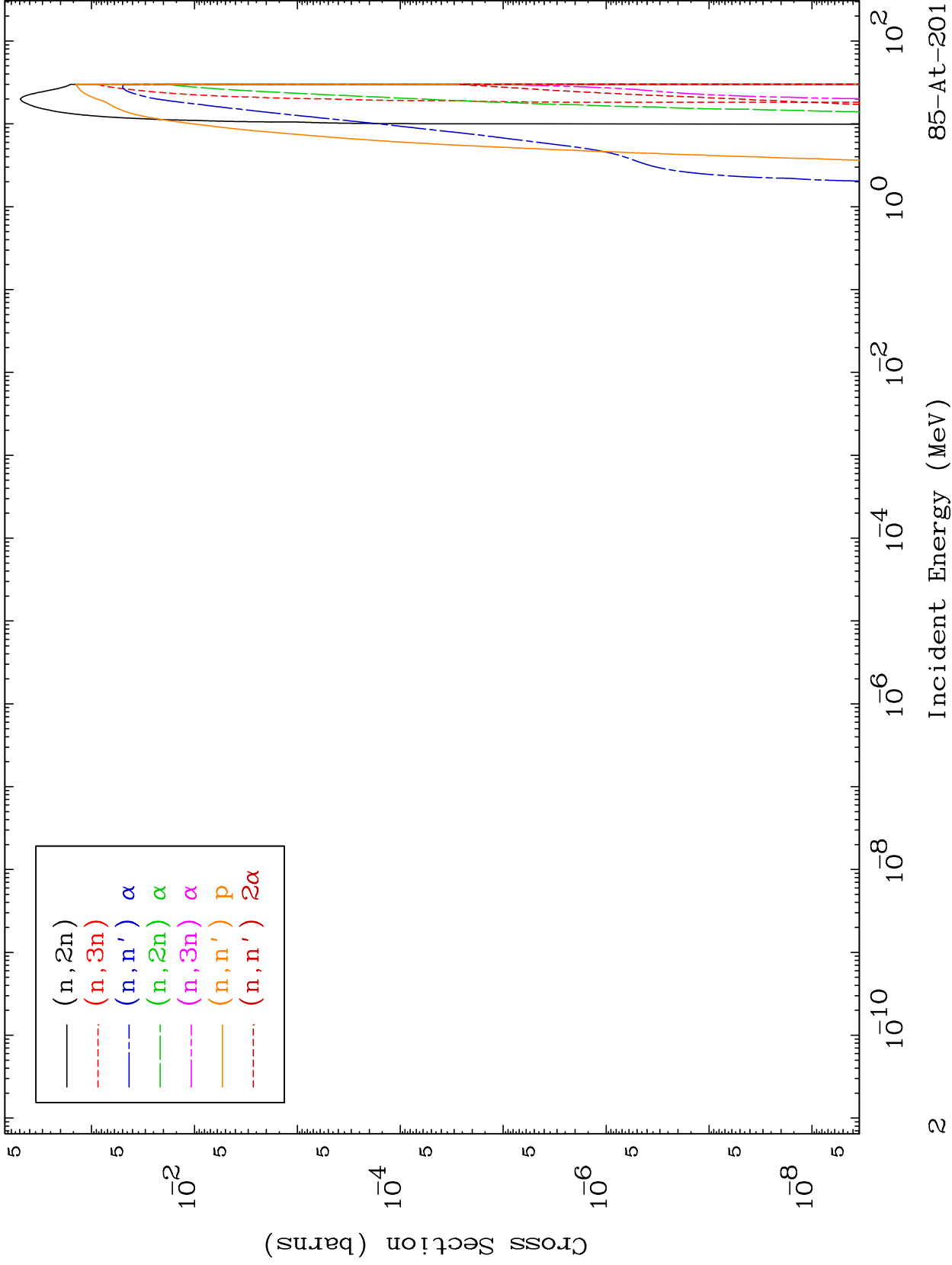
1

85-At-201

MAT 8519

Neutron Production  
293 Kelvin Cross Sections

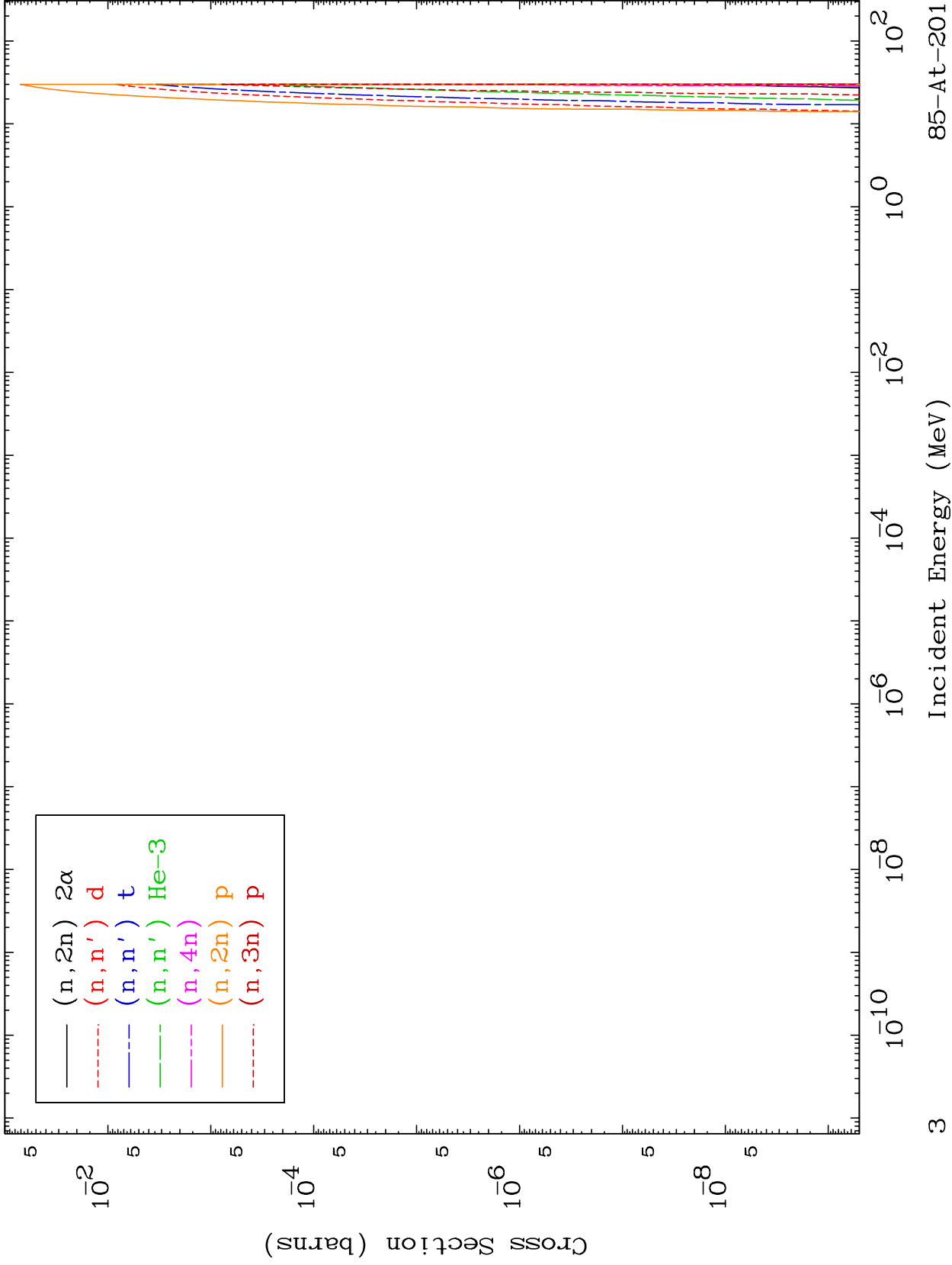
85-At-201



MAT 8519

Neutron Production  
293 Kelvin Cross Sections

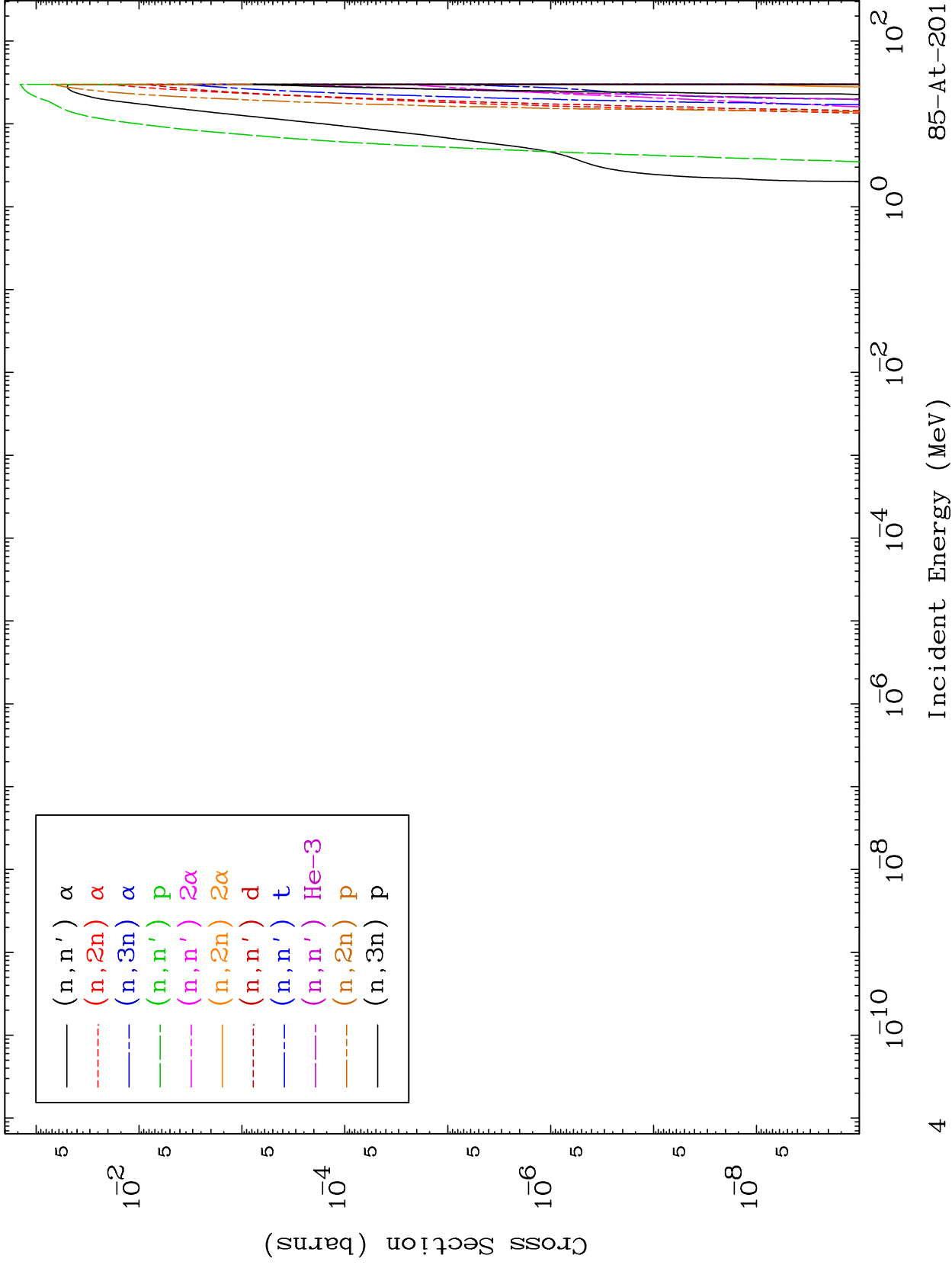
85-At-201



MAT 8519

Charged Particle  
293 Kelvin Cross Sections

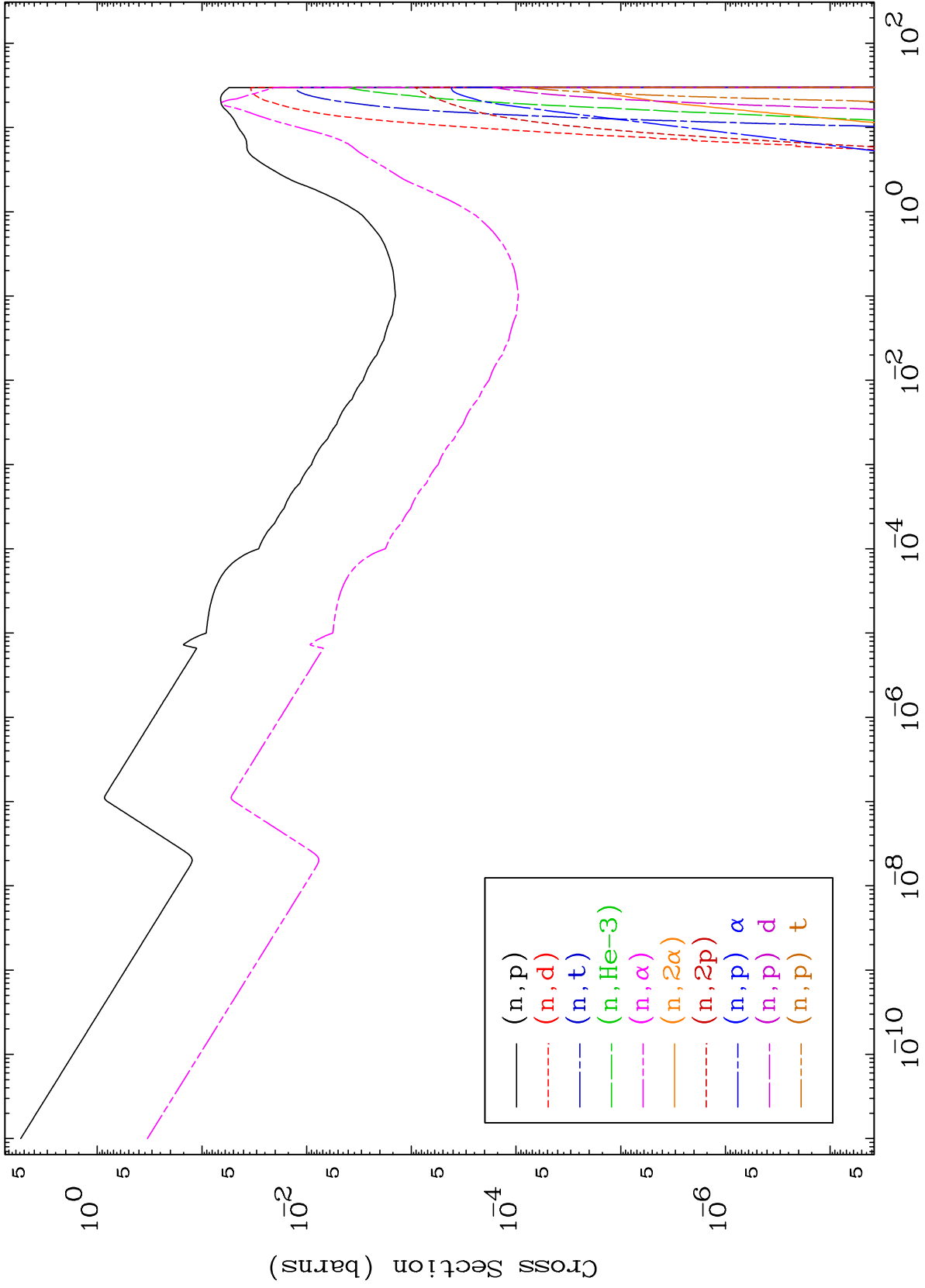
85-At-201



MAT 8519

Charged Particle  
293 Kelvin Cross Sections

85-At-201



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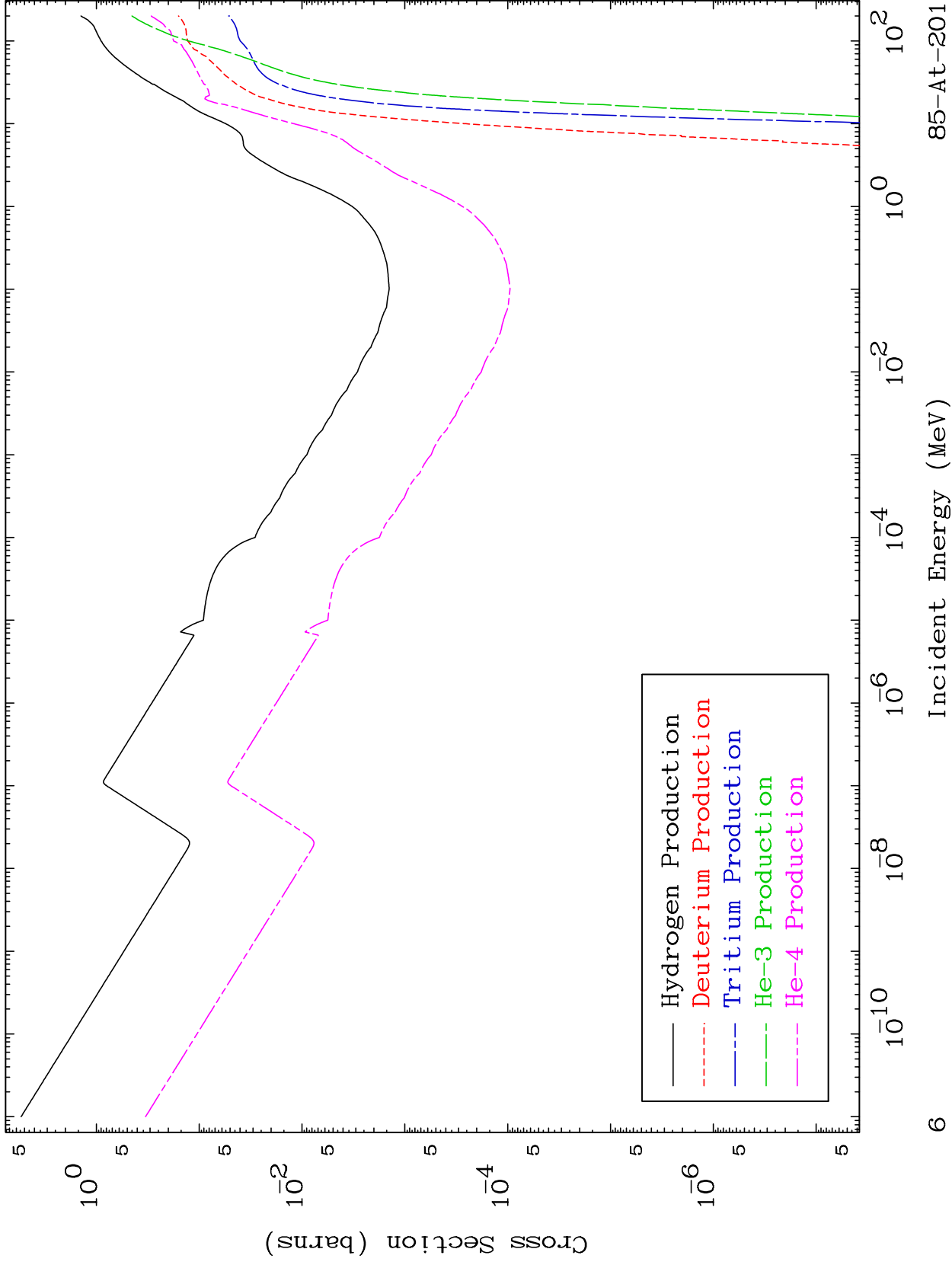
Incident Energy (MeV)

85-At-201

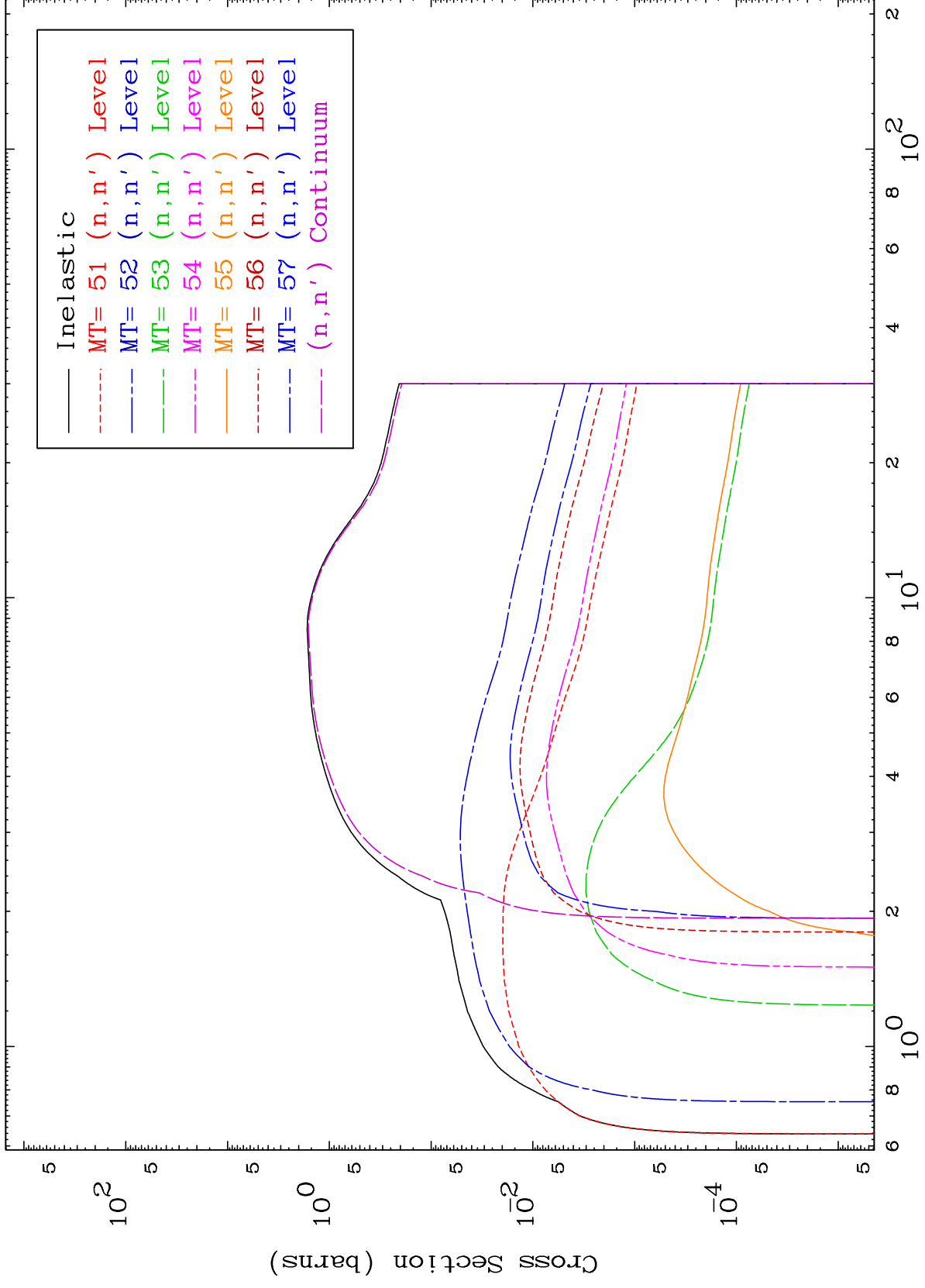
MAT 8519

Particle Production  
293 Kelvin Cross Sections

85-At-201



293 Kelvin Cross Sections

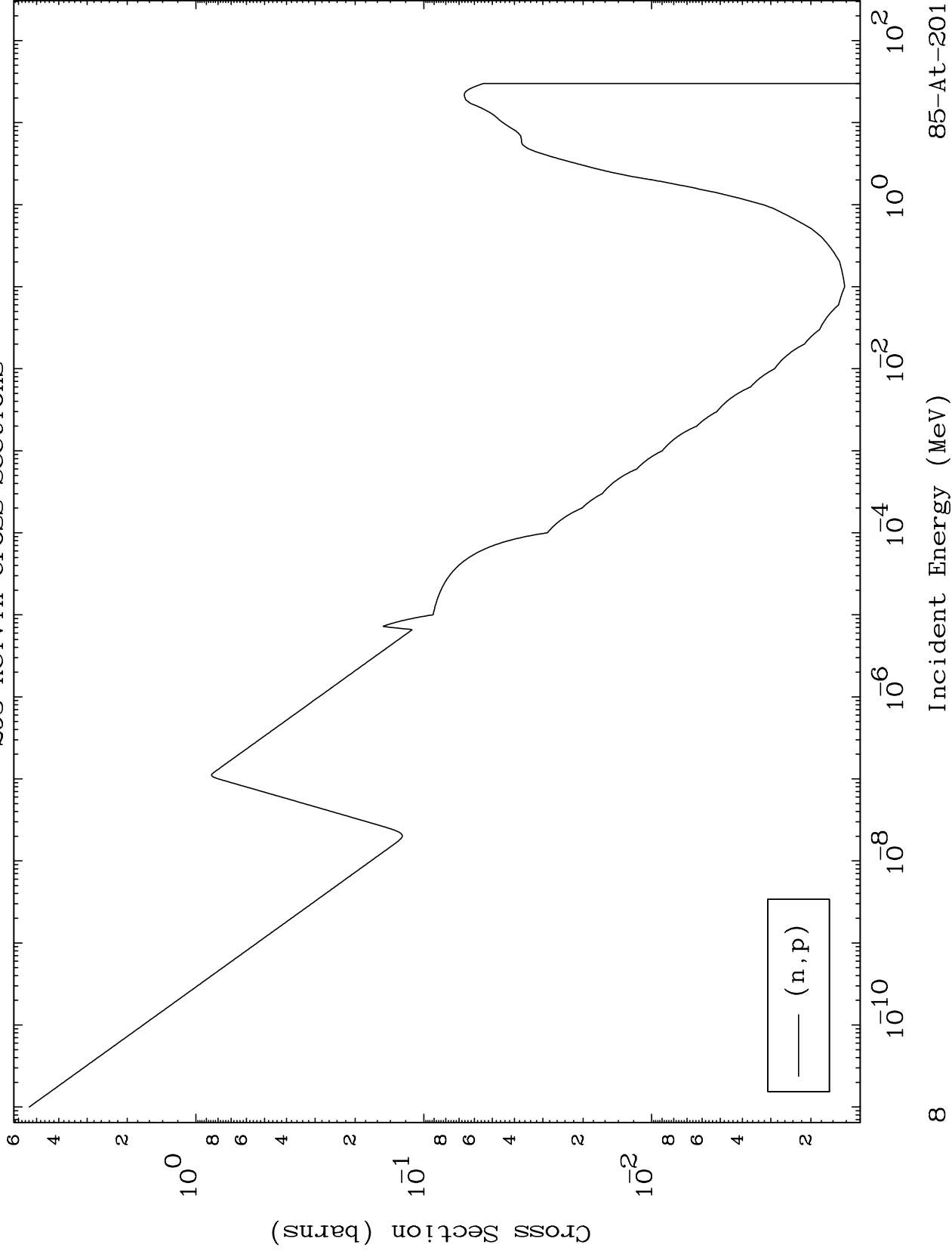




MAT 8519

(n,p) Levels  
293 Kelvin Cross Sections

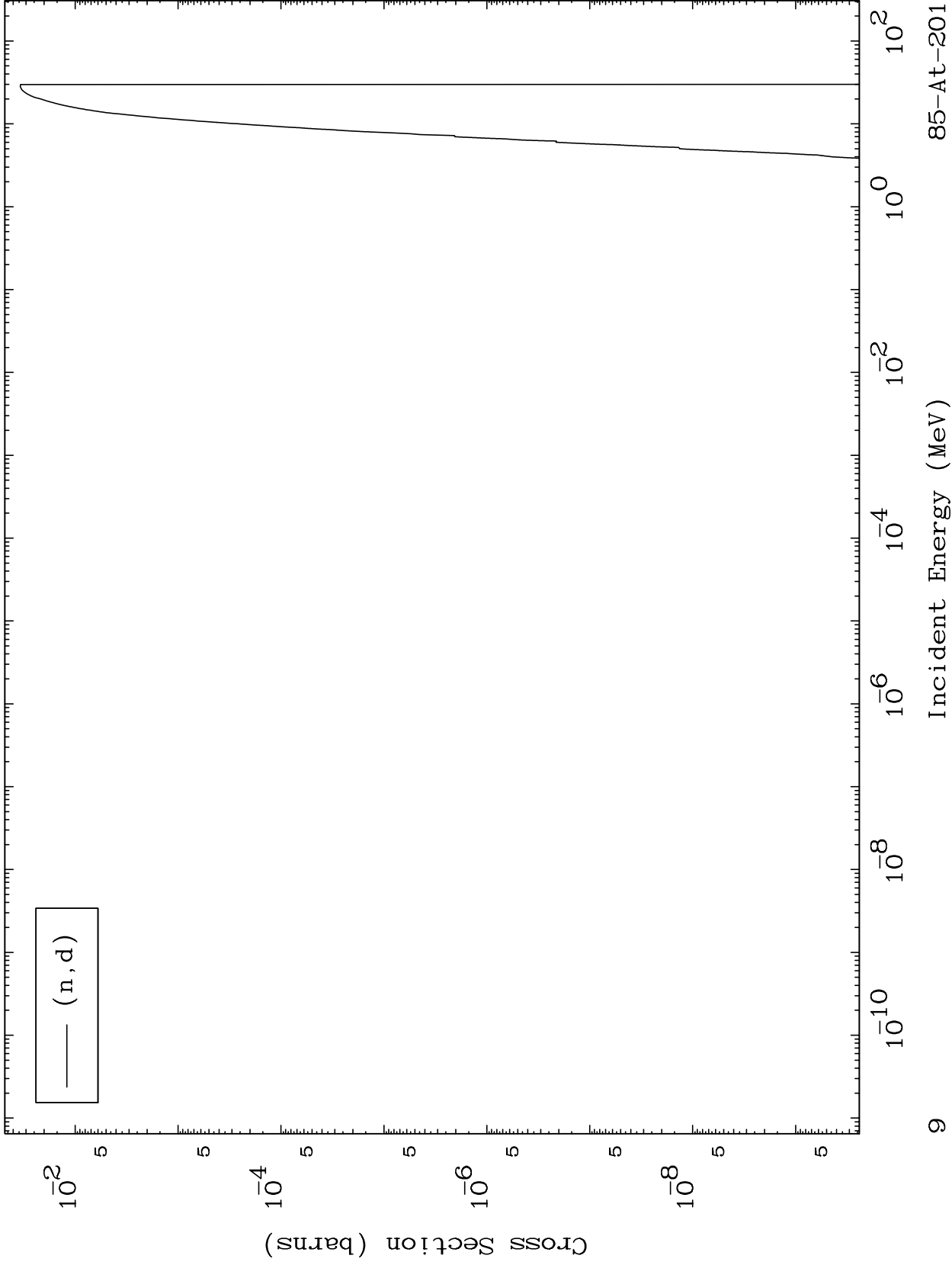
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MAT 8519

(n,d) Levels  
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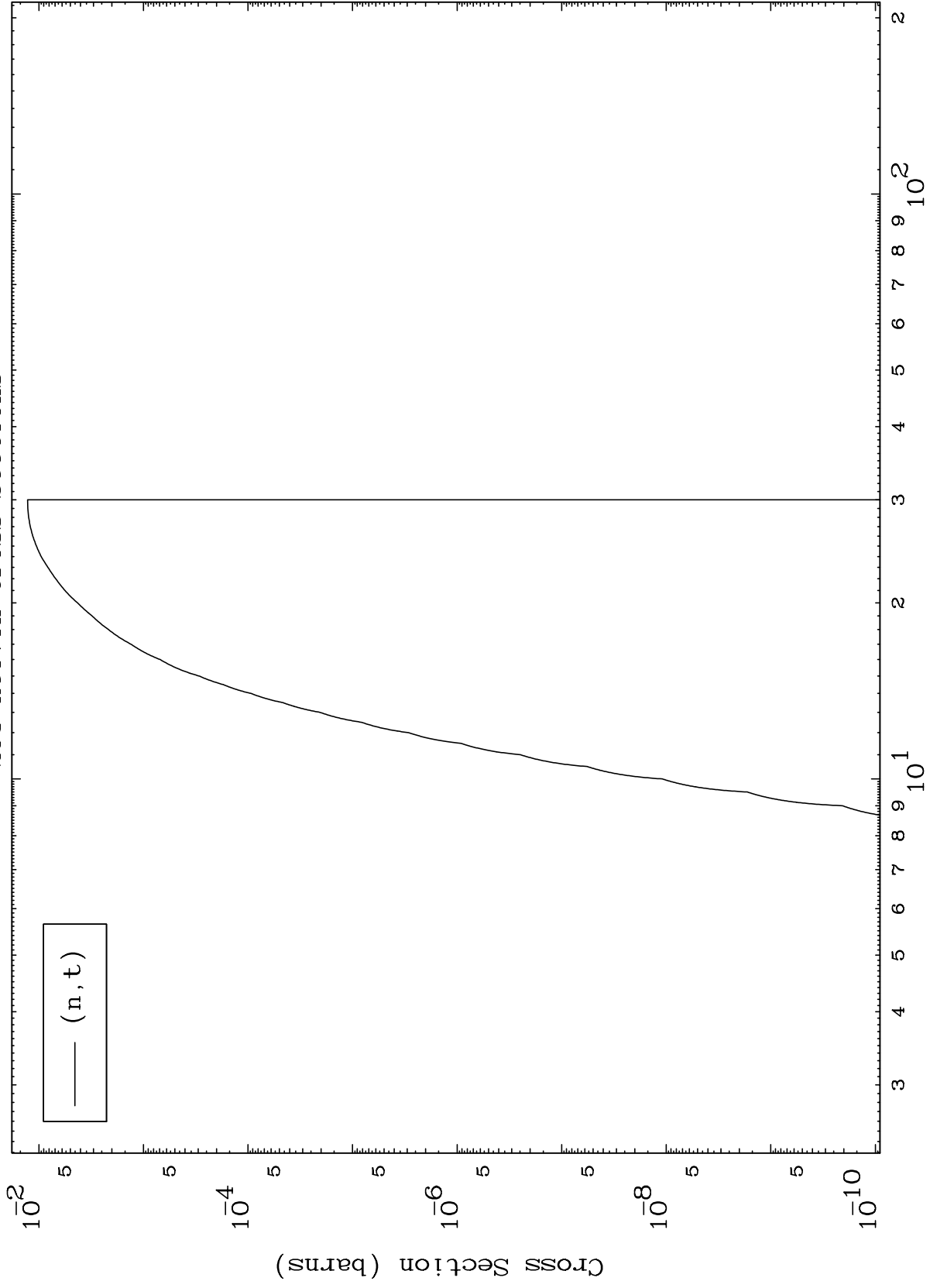
85-At-201



MAT 8519

(n,t) Levels  
293 Kelvin Cross Sections

85-At-201



10

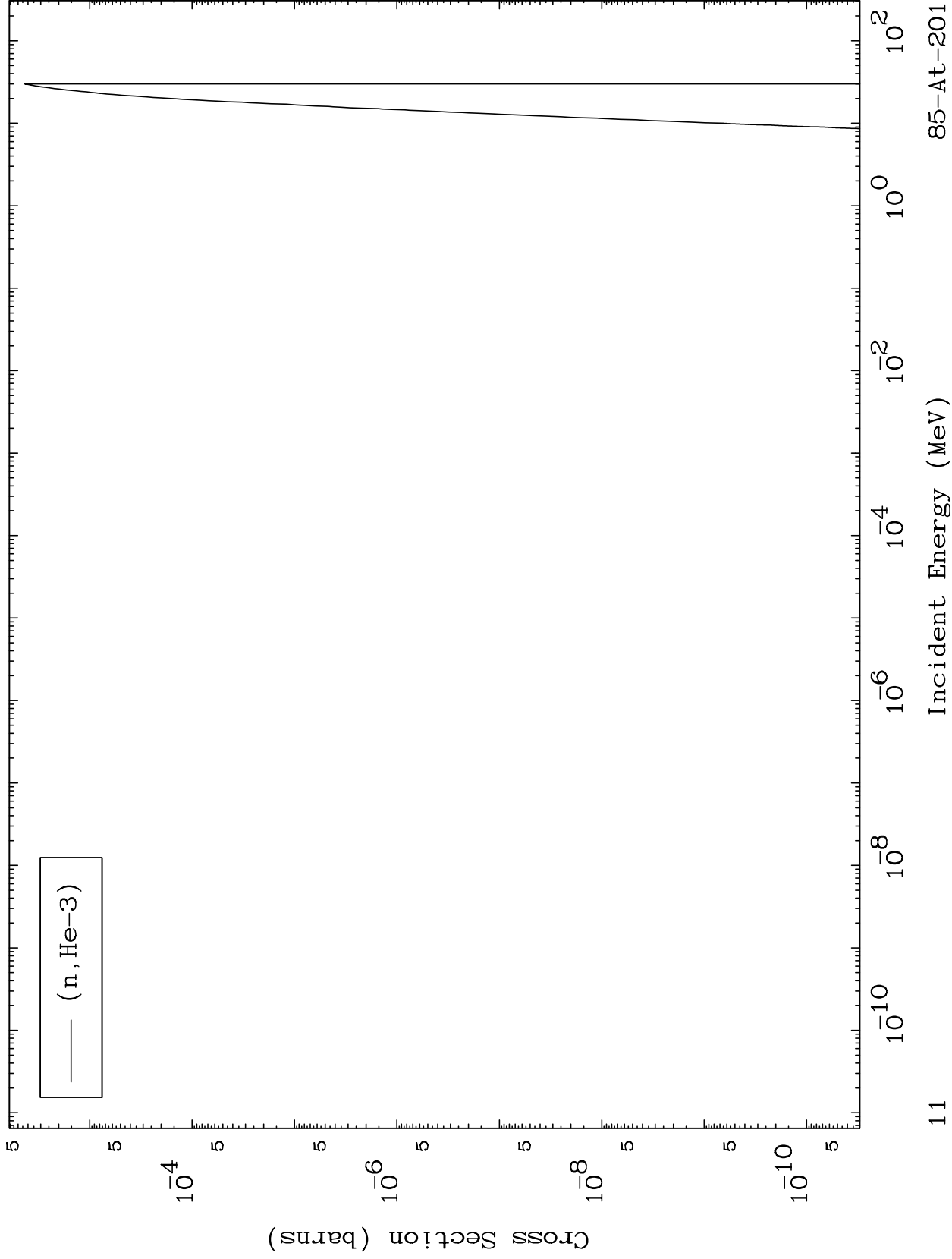
Incident Energy (MeV)

85-At-201

MAT 8519

(n,He3) Levels  
293 Kelvin Cross Sections

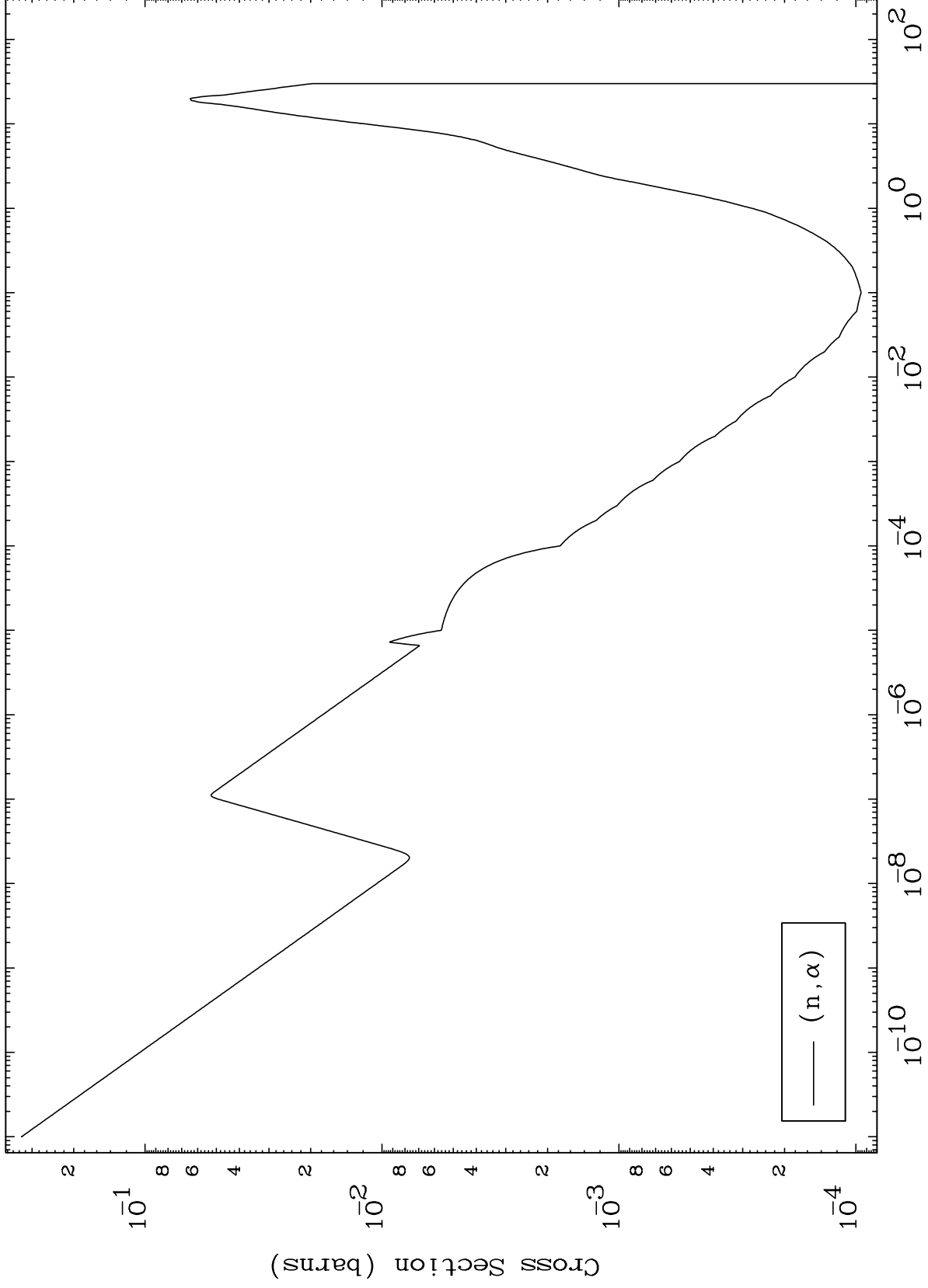
85-At-201



MAT 8519

(n,α) Levels  
293 Kelvin Cross Sections

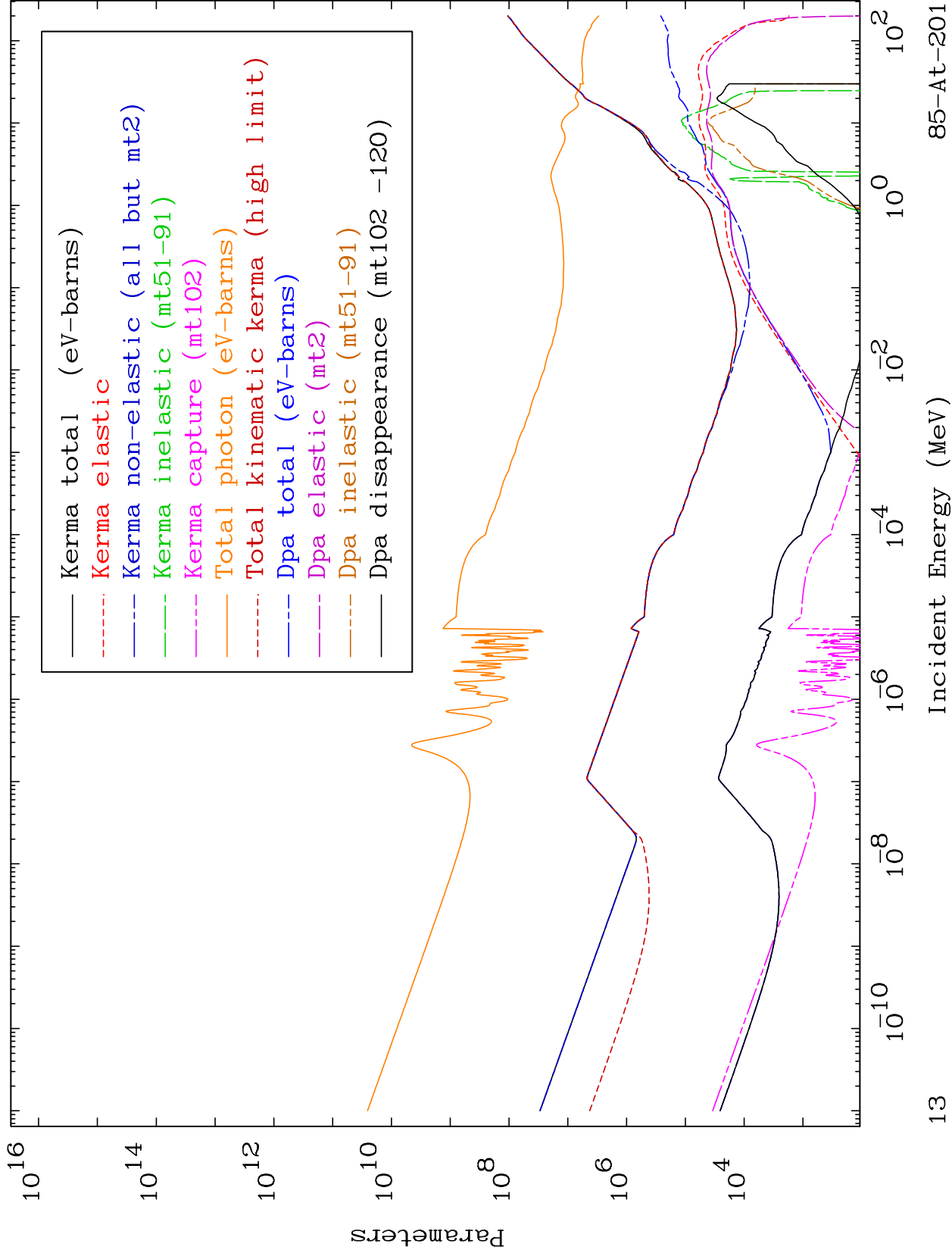
85-At-201



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Incident Energy (MeV)

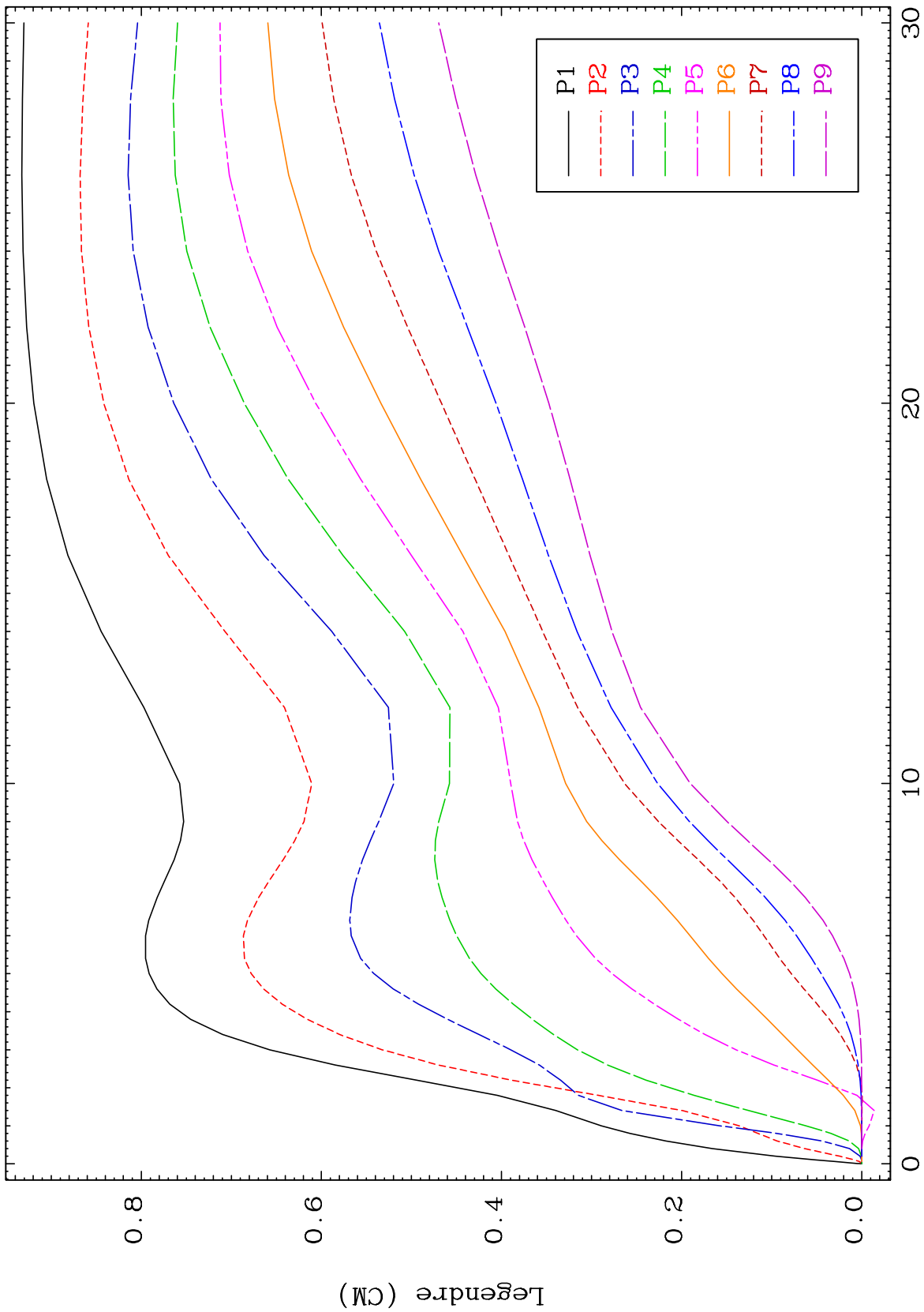
85-At-201



MAT 8519

85-At-201

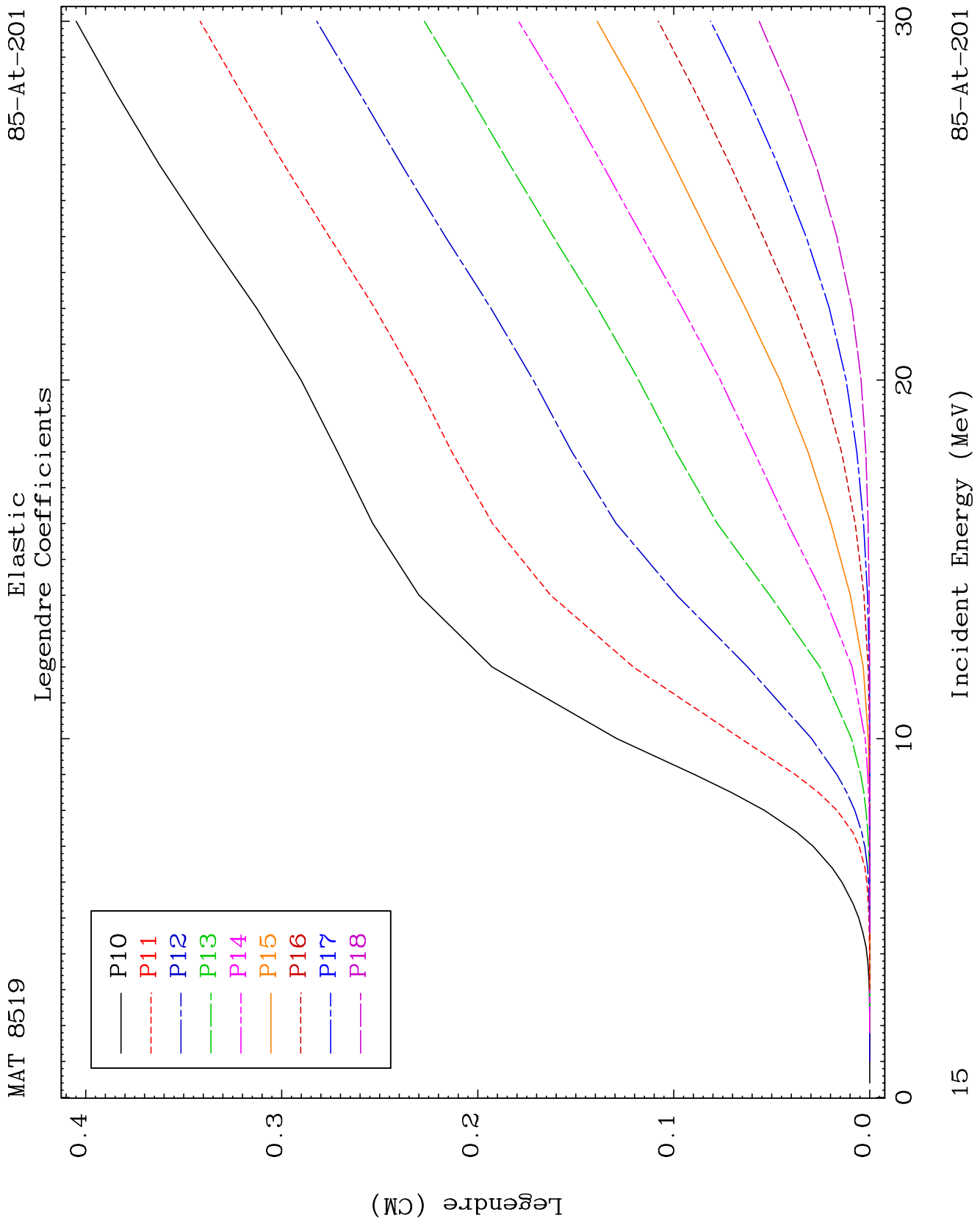
Elastic Legendre Coefficients



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Incident Energy (MeV)

85-At-201

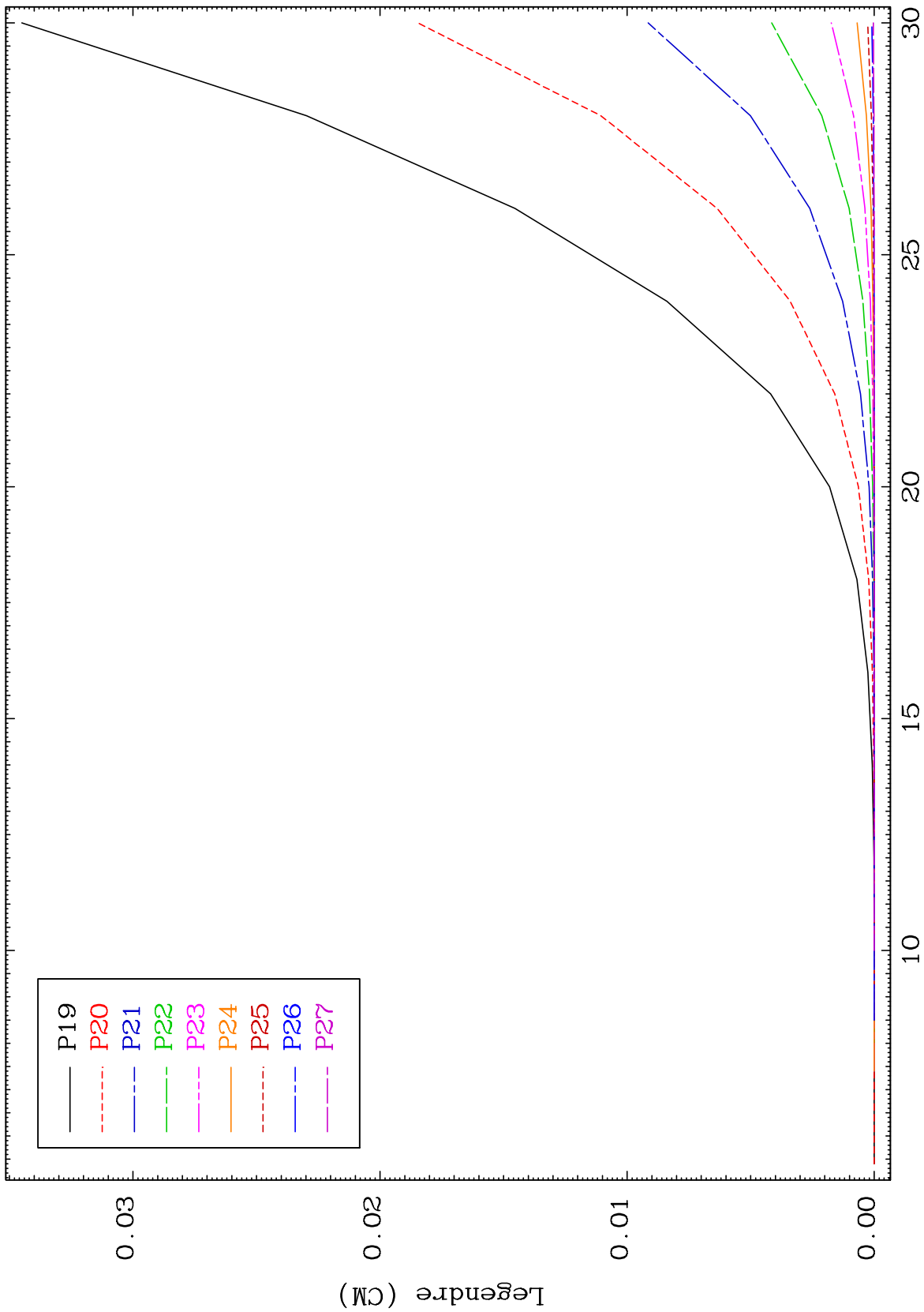




MAT 8519

Elastic  
Legendre Coefficients

85-At-201



16

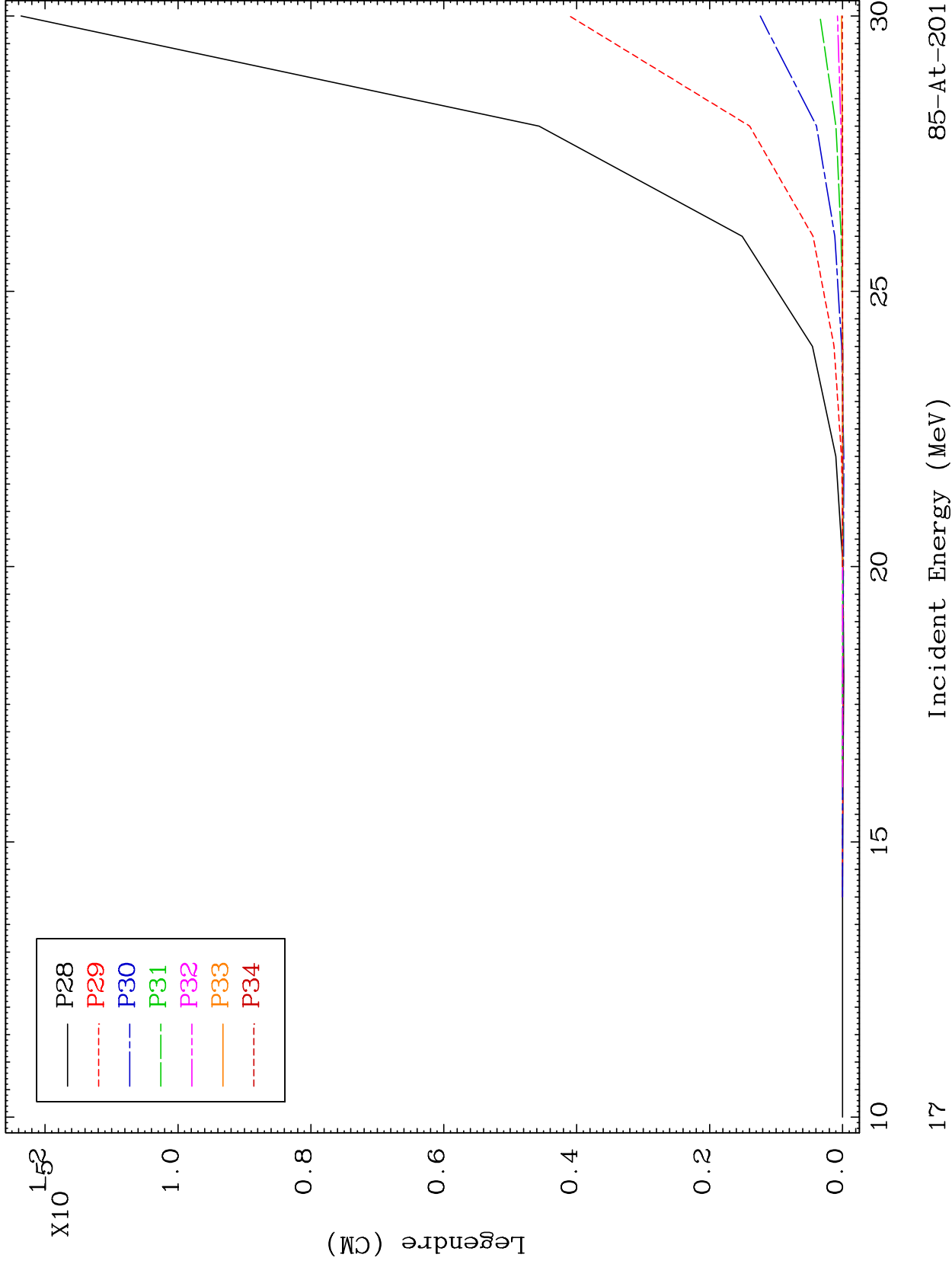
Incident Energy (MeV)

85-At-201

MAT 8519

Elastic Legendre Coefficients

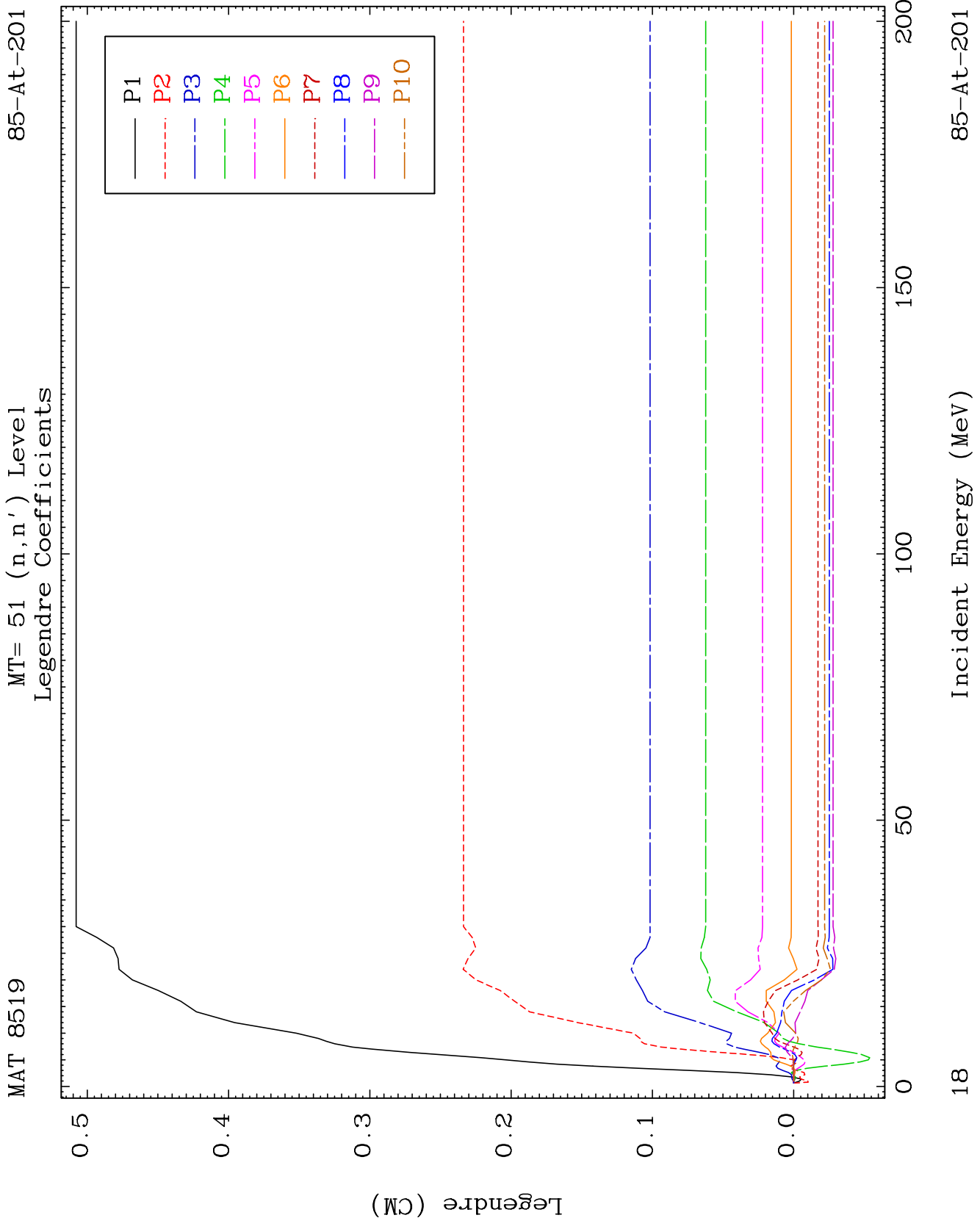
85-At-201



85-At-201

Incident Energy (MeV)

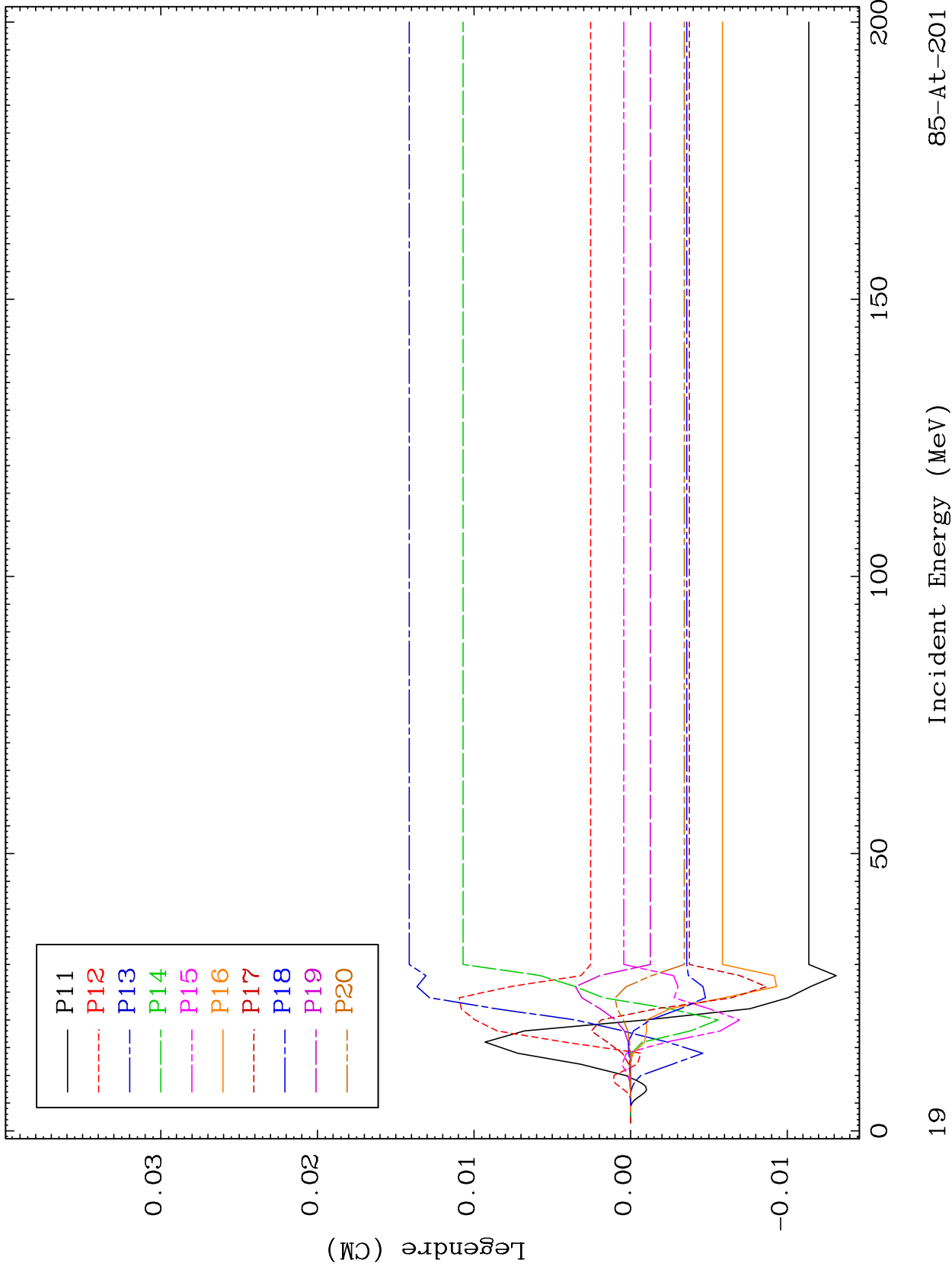
17



MAT 8519

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

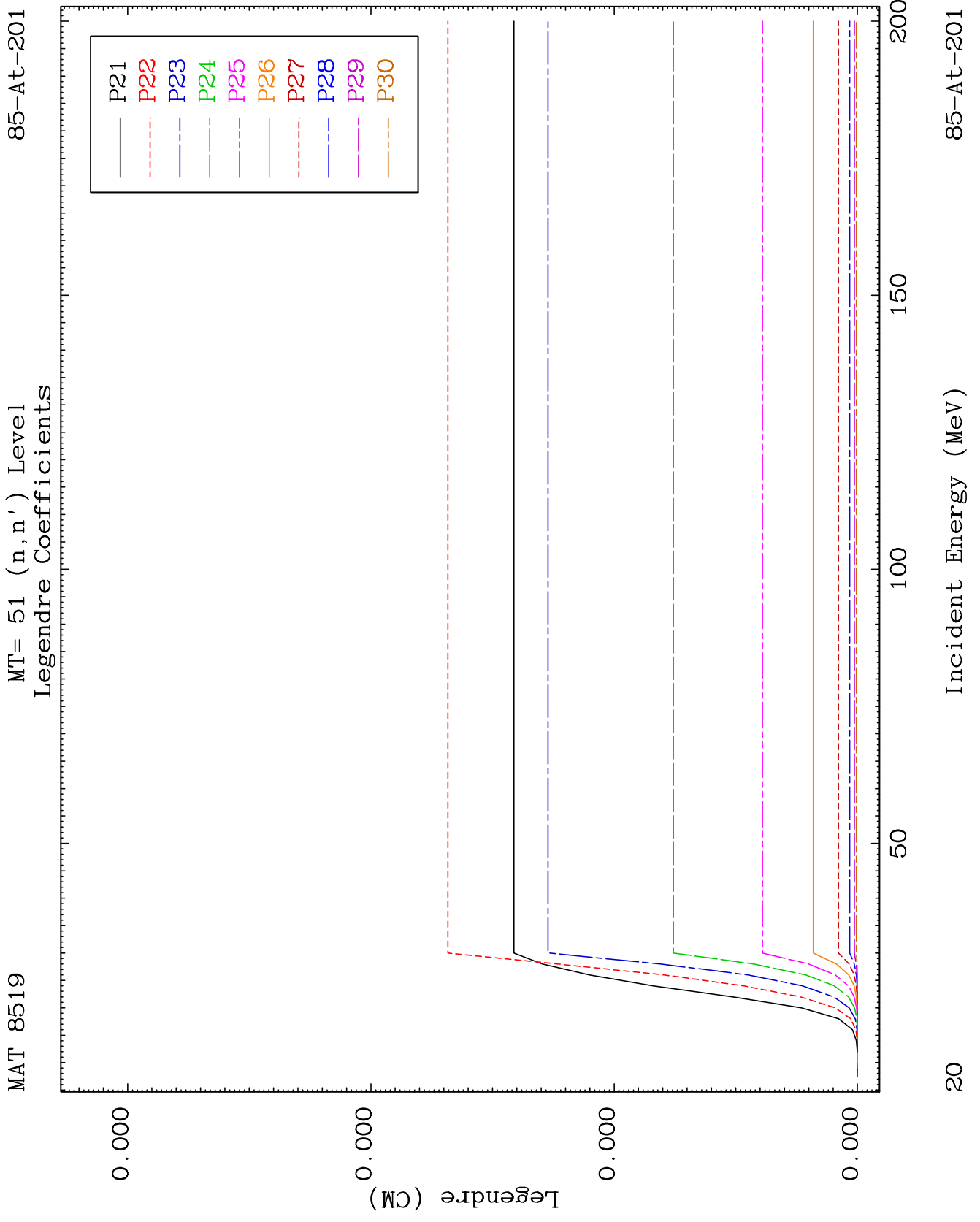
85-At-201



19

Incident Energy (MeV)

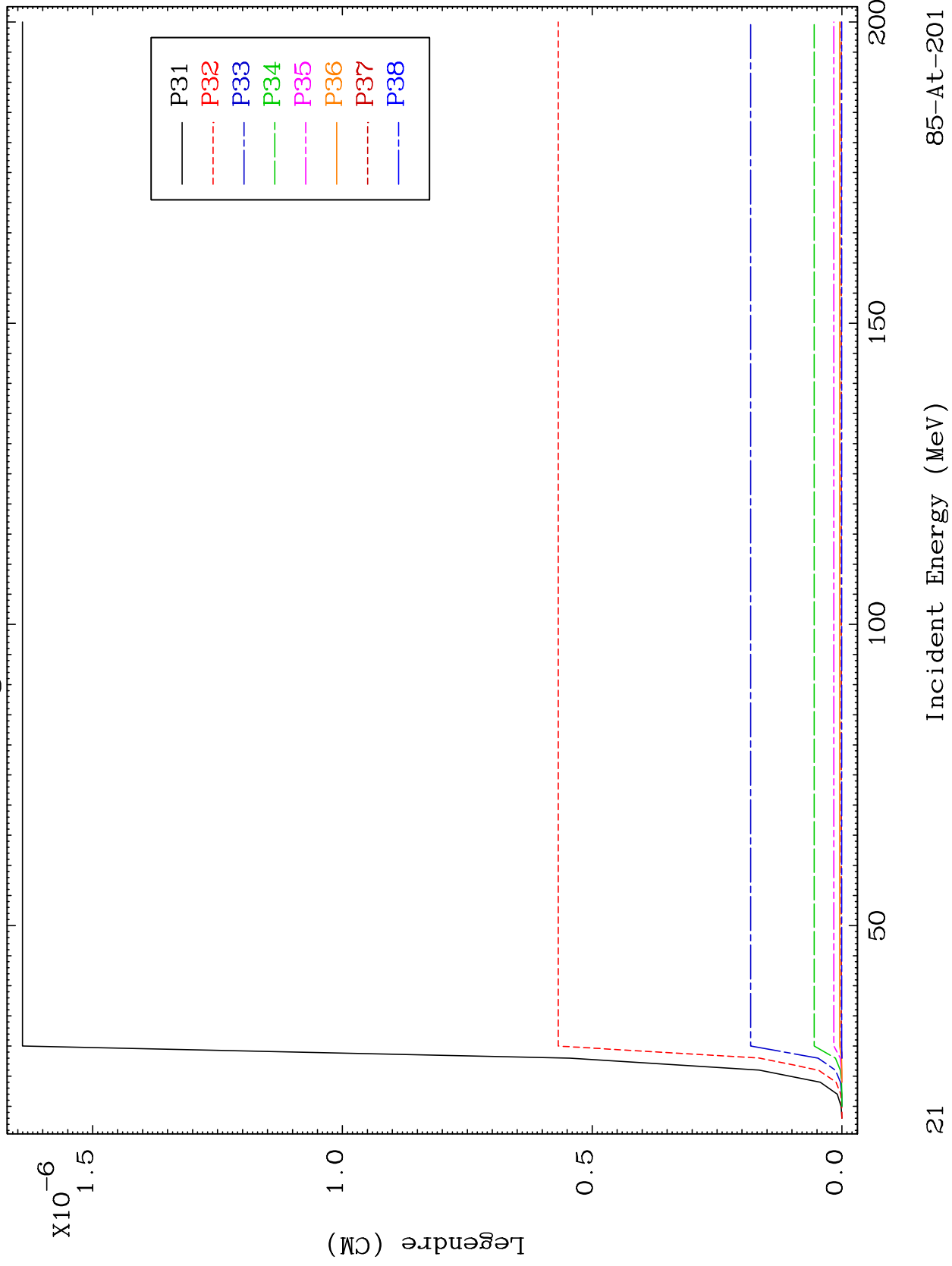
85-At-201



MAT 8519

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

85-At-201



21

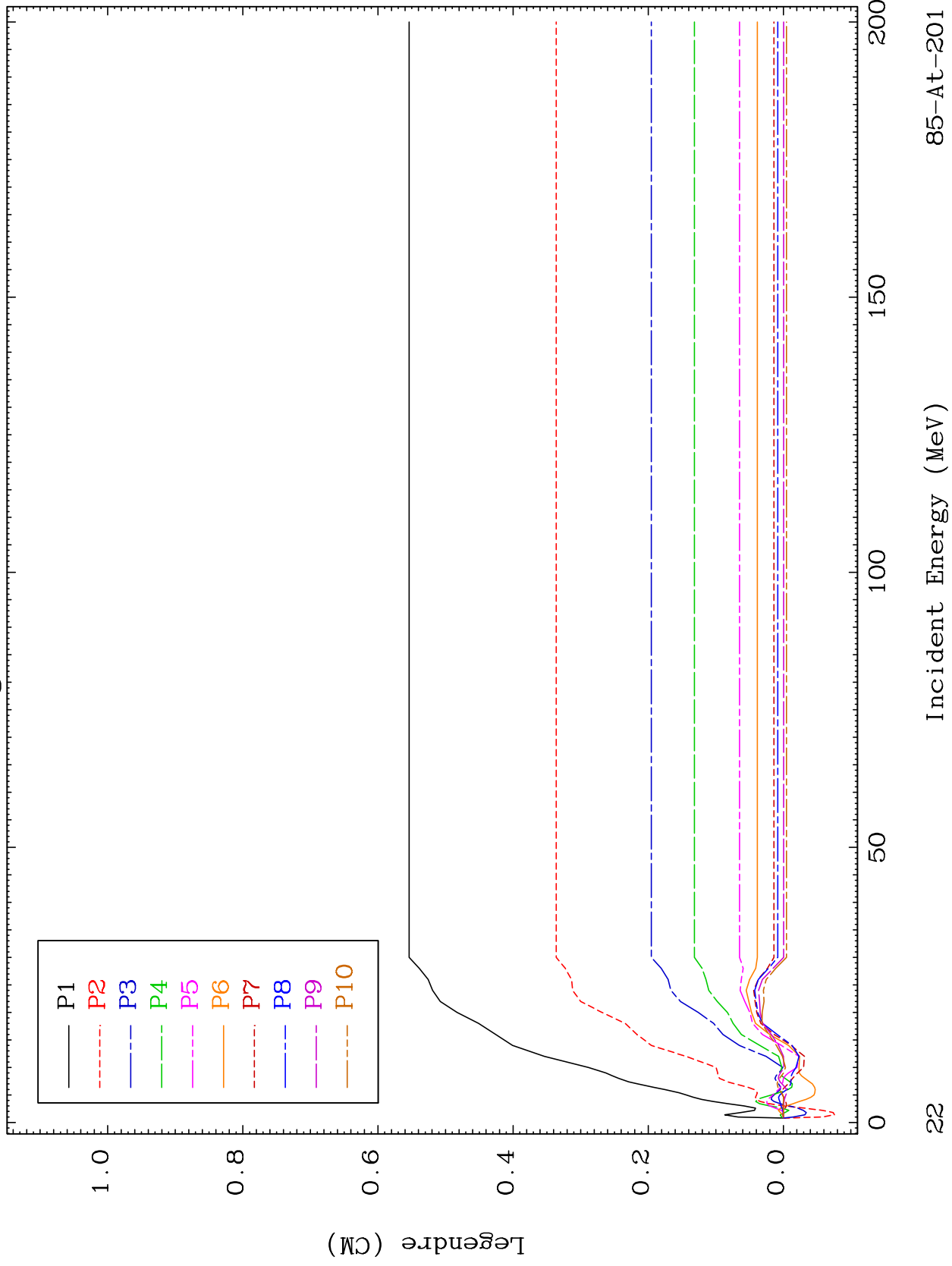
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201

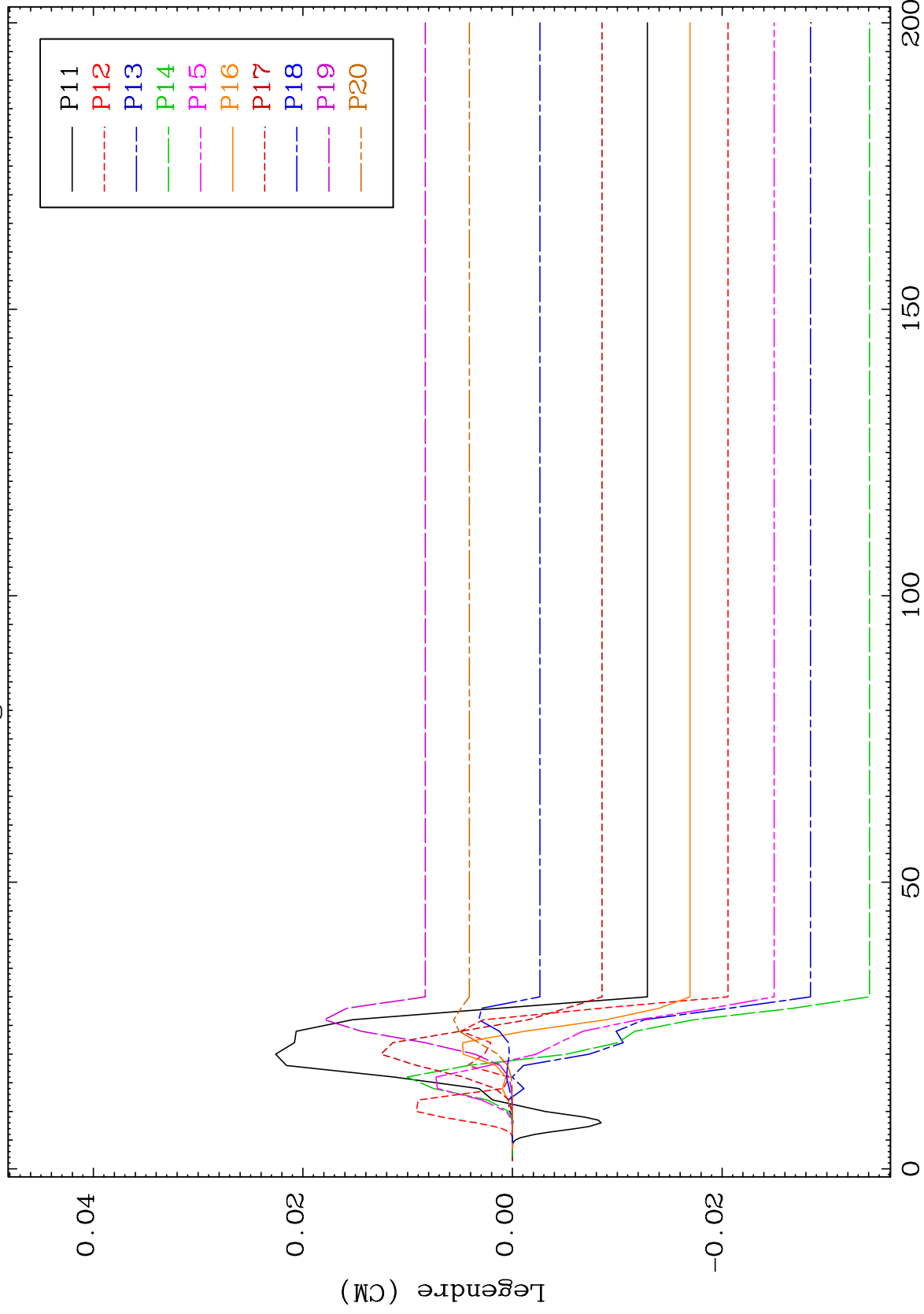


22

MAT 8519

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

85-At-201



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Incident Energy (MeV)

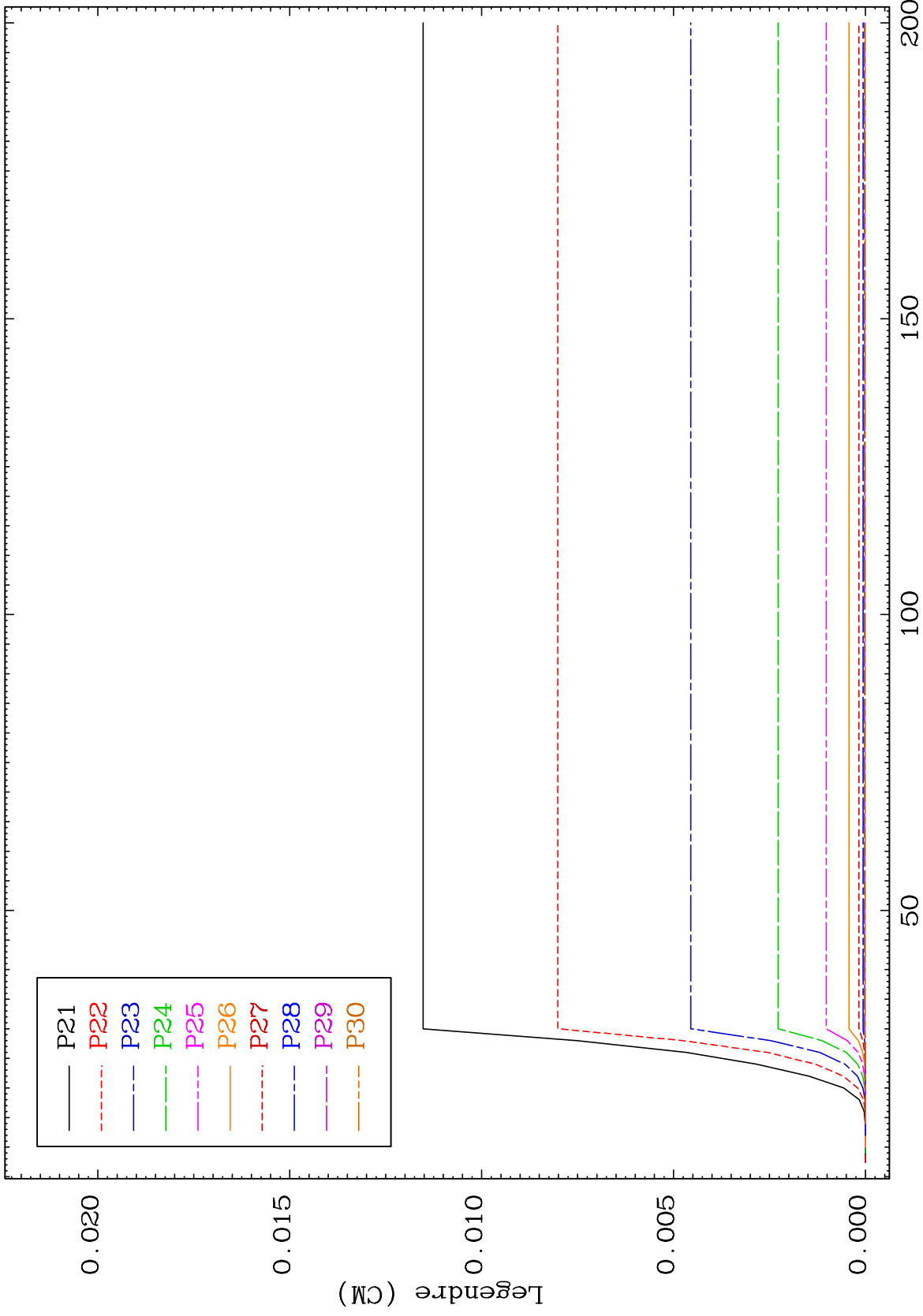
85-At-201



MAT 8519

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

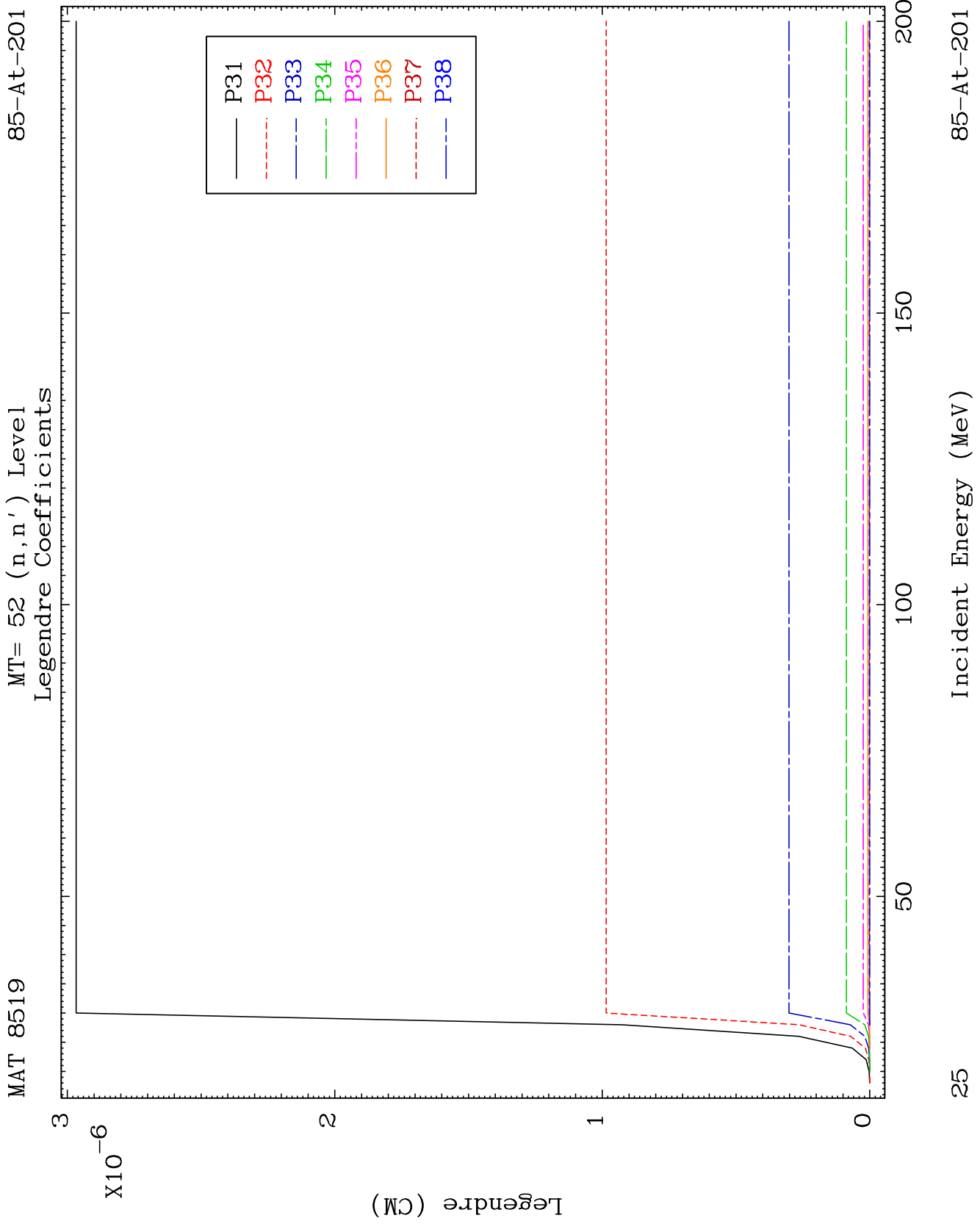
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Incident Energy (MeV)

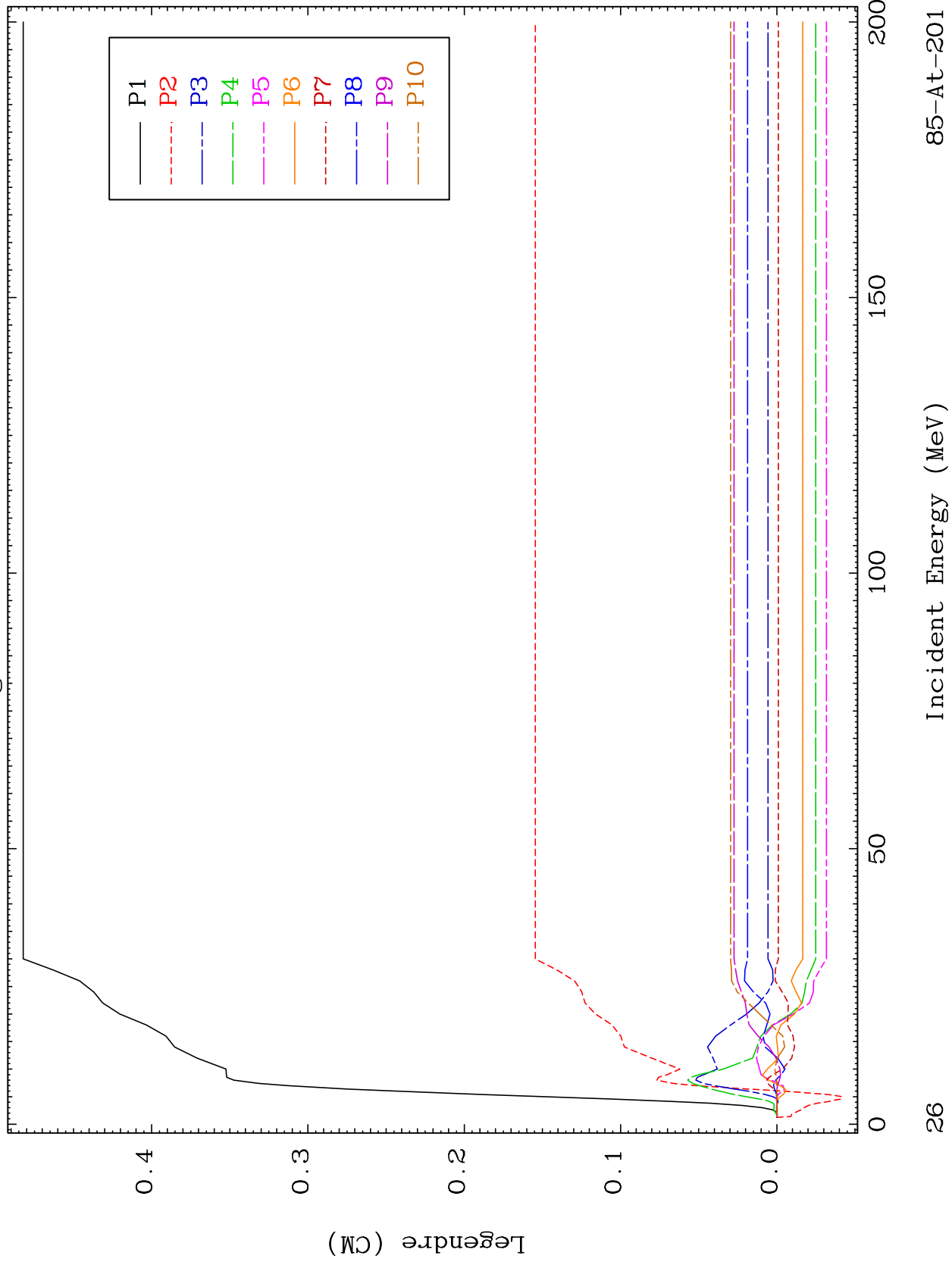
85-At-201



MAT 8519

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

85-At-201



85-At-201

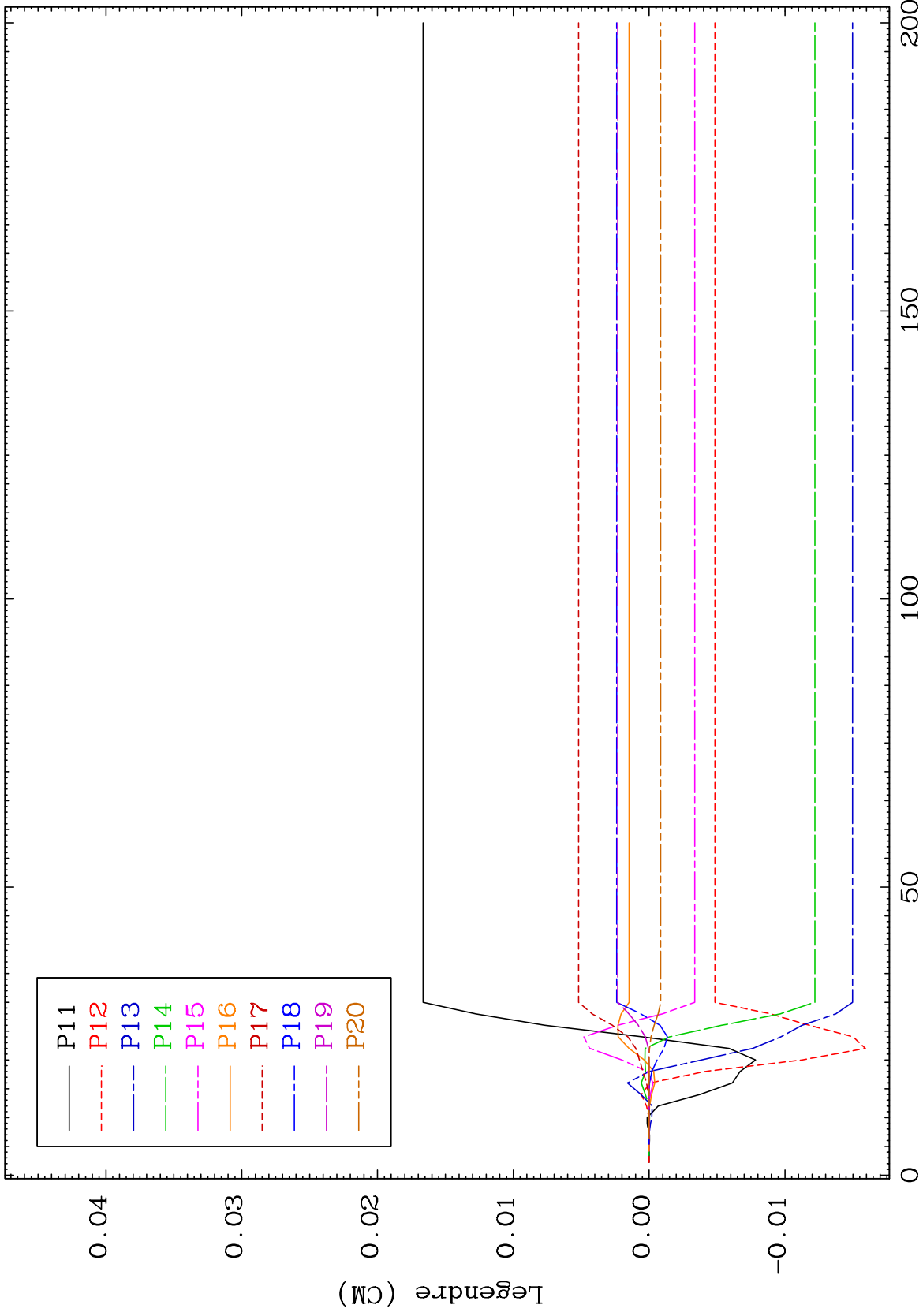
Incident Energy (MeV)

26

MAT 8519

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

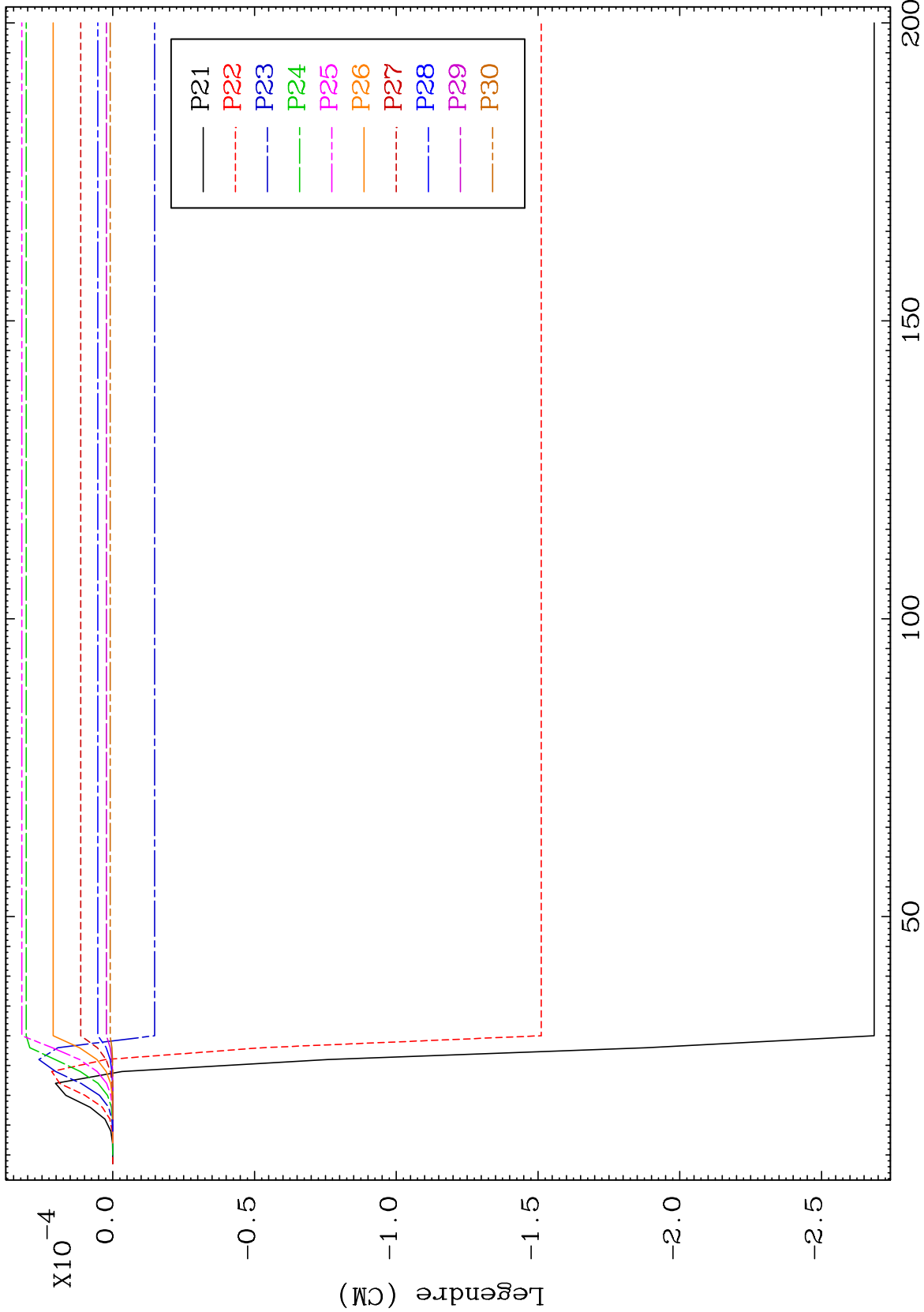
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Incident Energy (MeV)

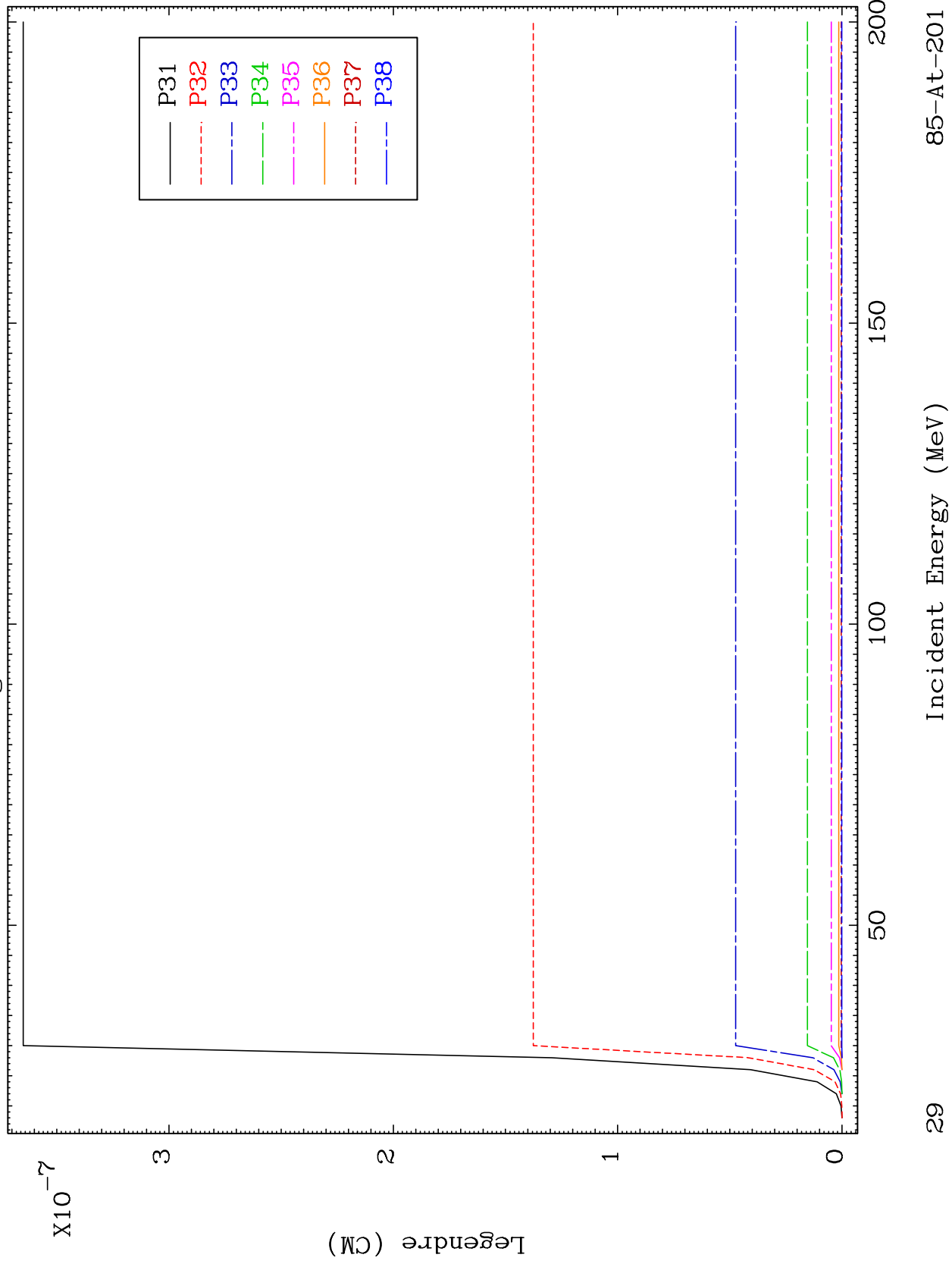
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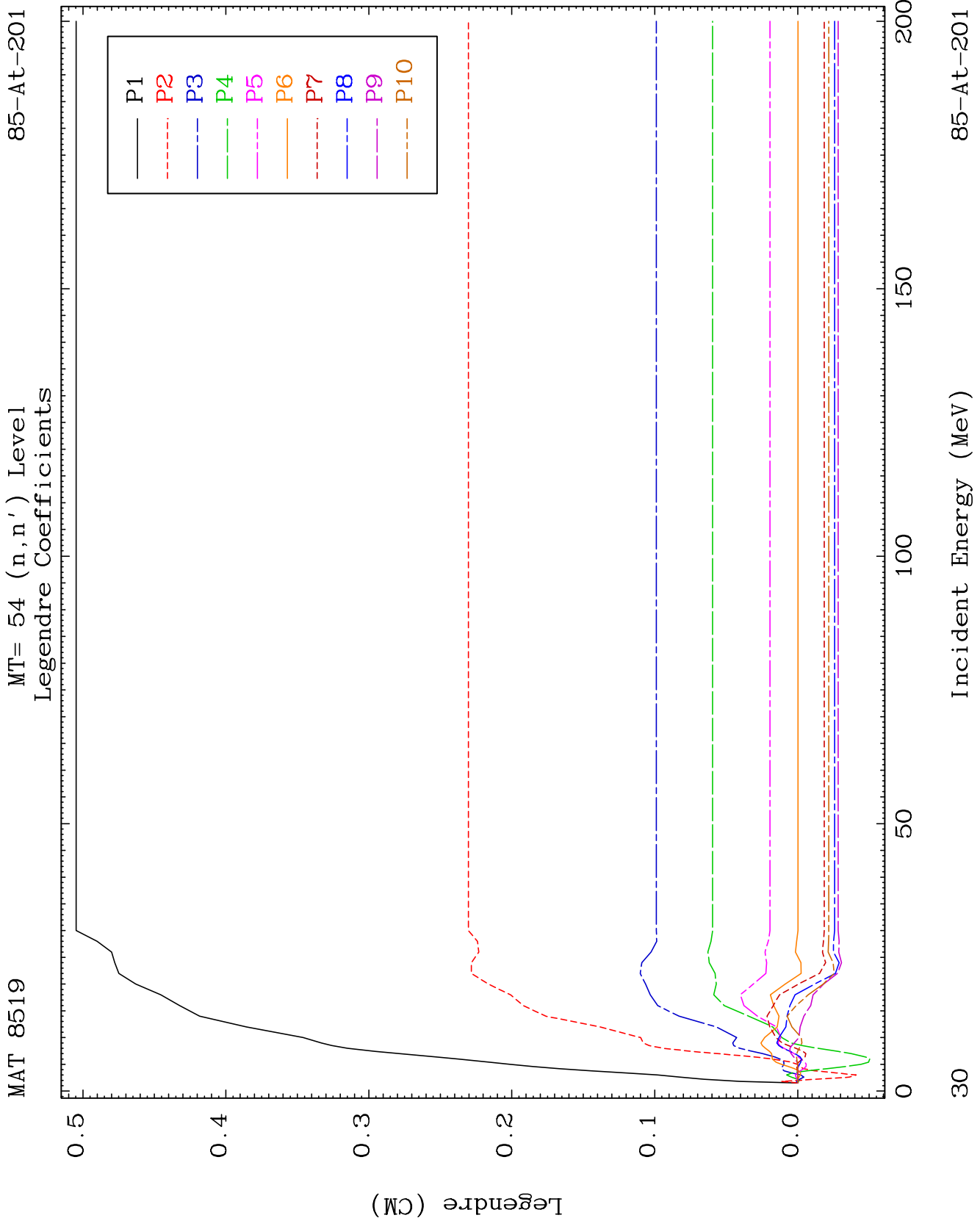


MAT 8519

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

85-At-201

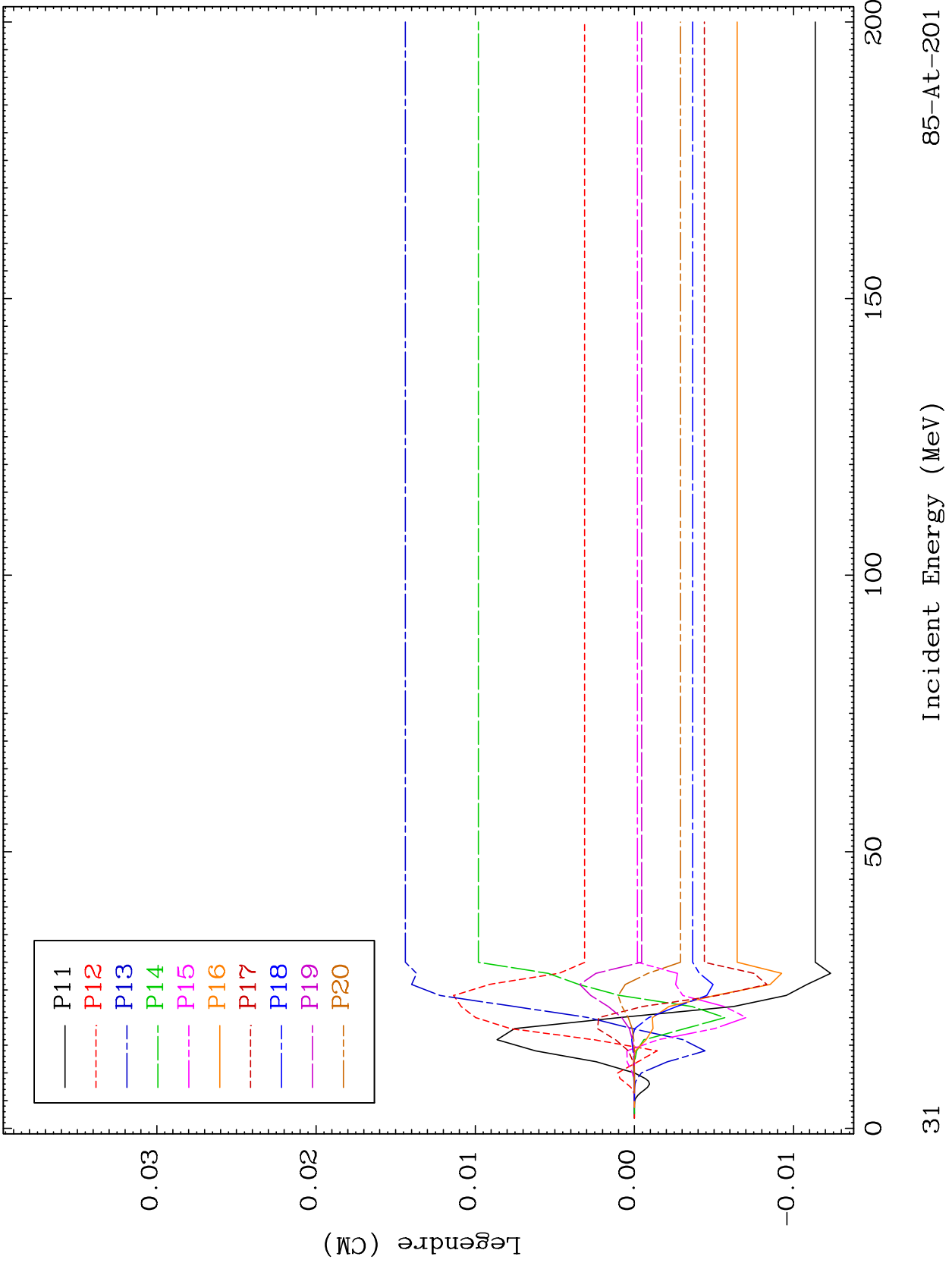




MAT 8519

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

85-At-201

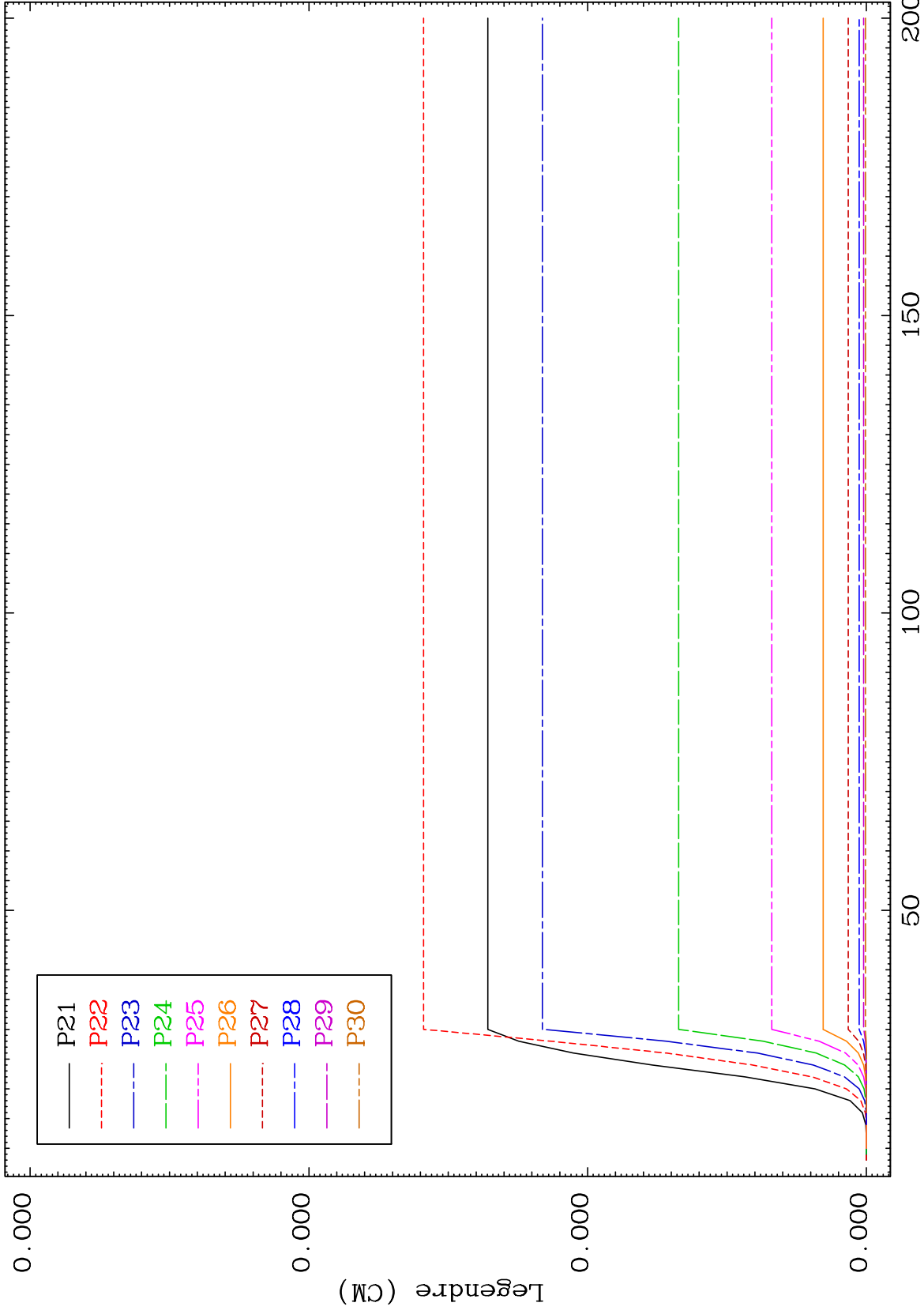




MAT 8519

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

85-At-201



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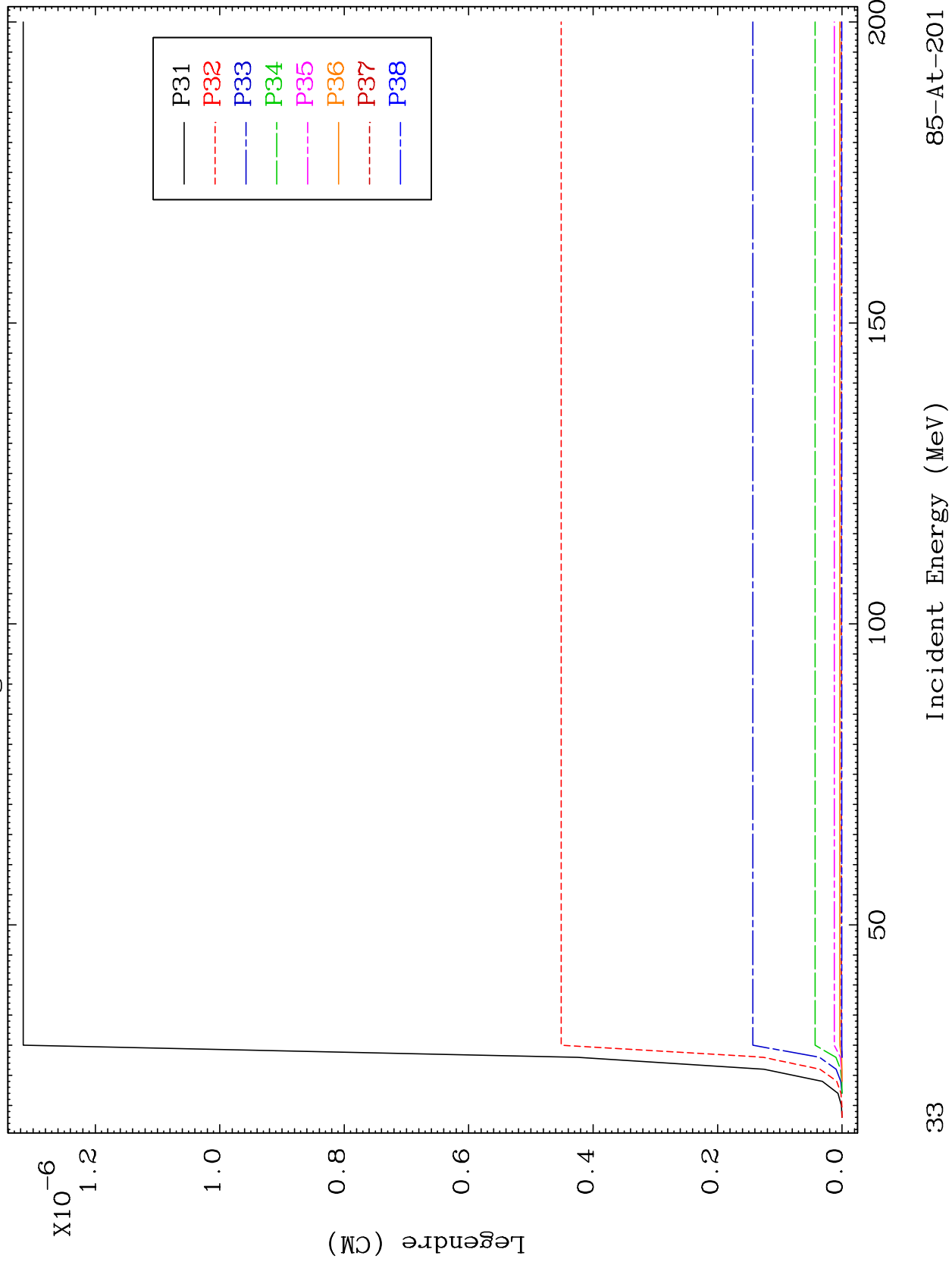
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



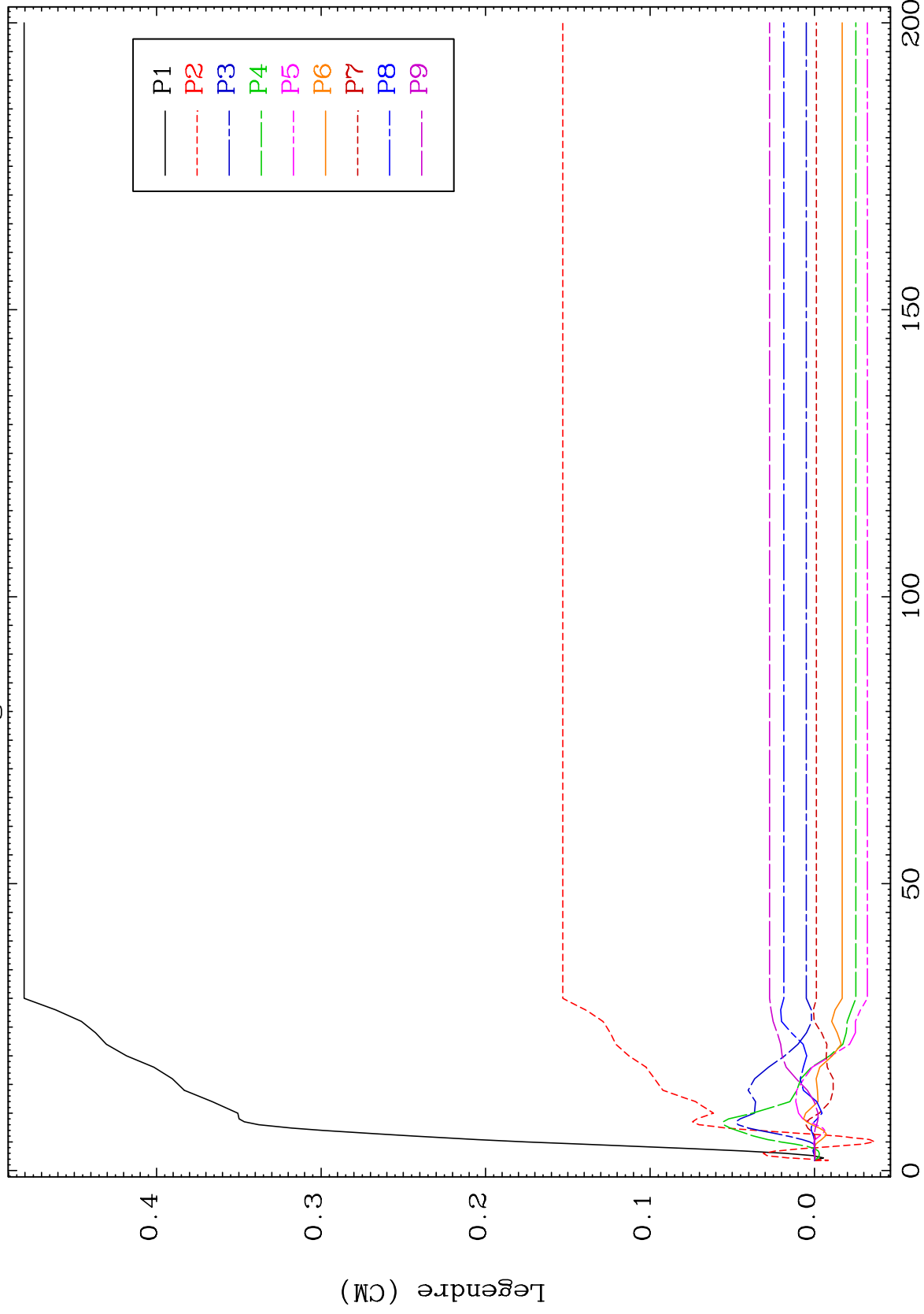
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85-At-201

MAT 8519

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

85-At-201



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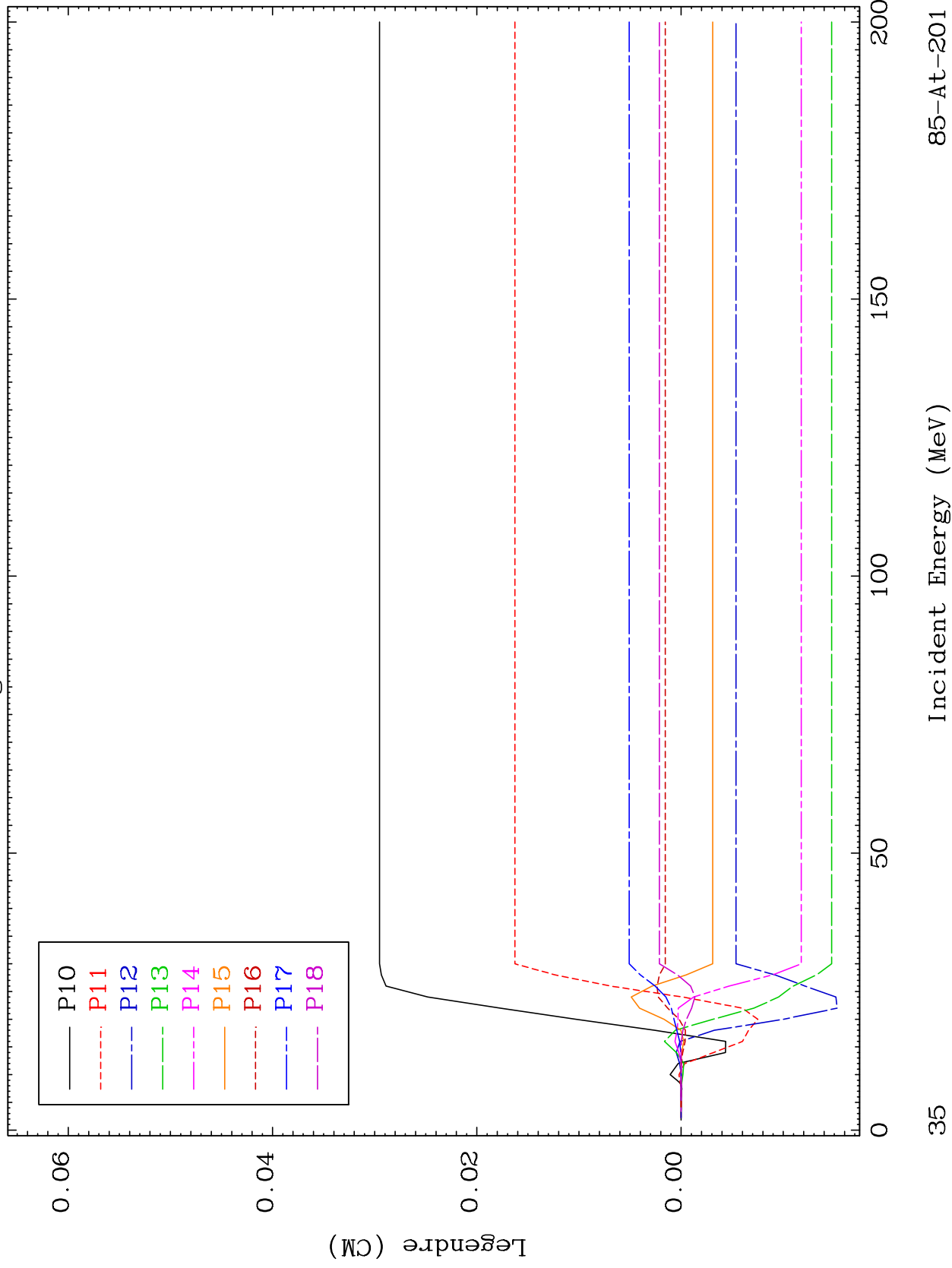
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



85-At-201

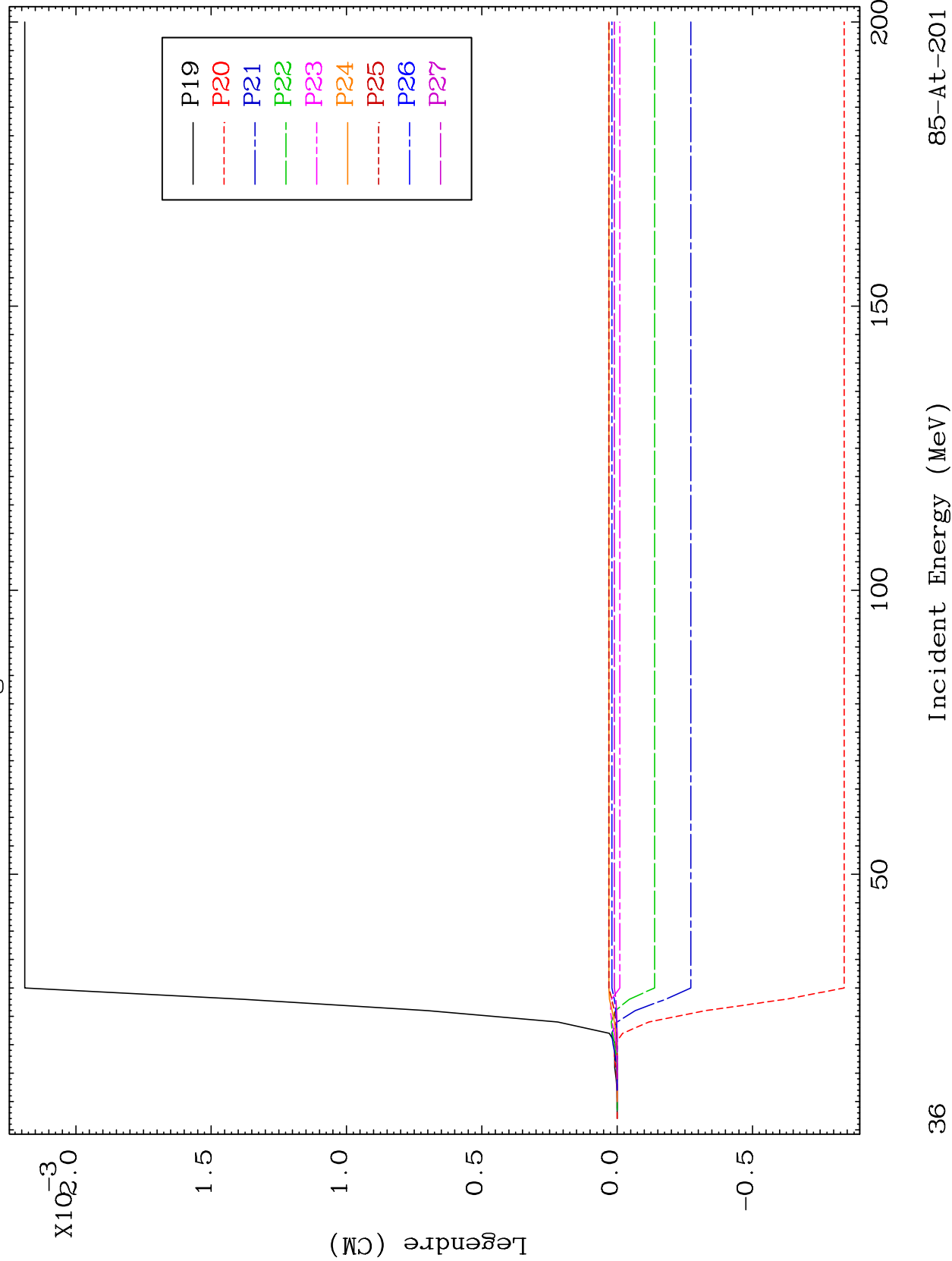
Incident Energy (MeV)

35

MAT 8519

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

85-At-201



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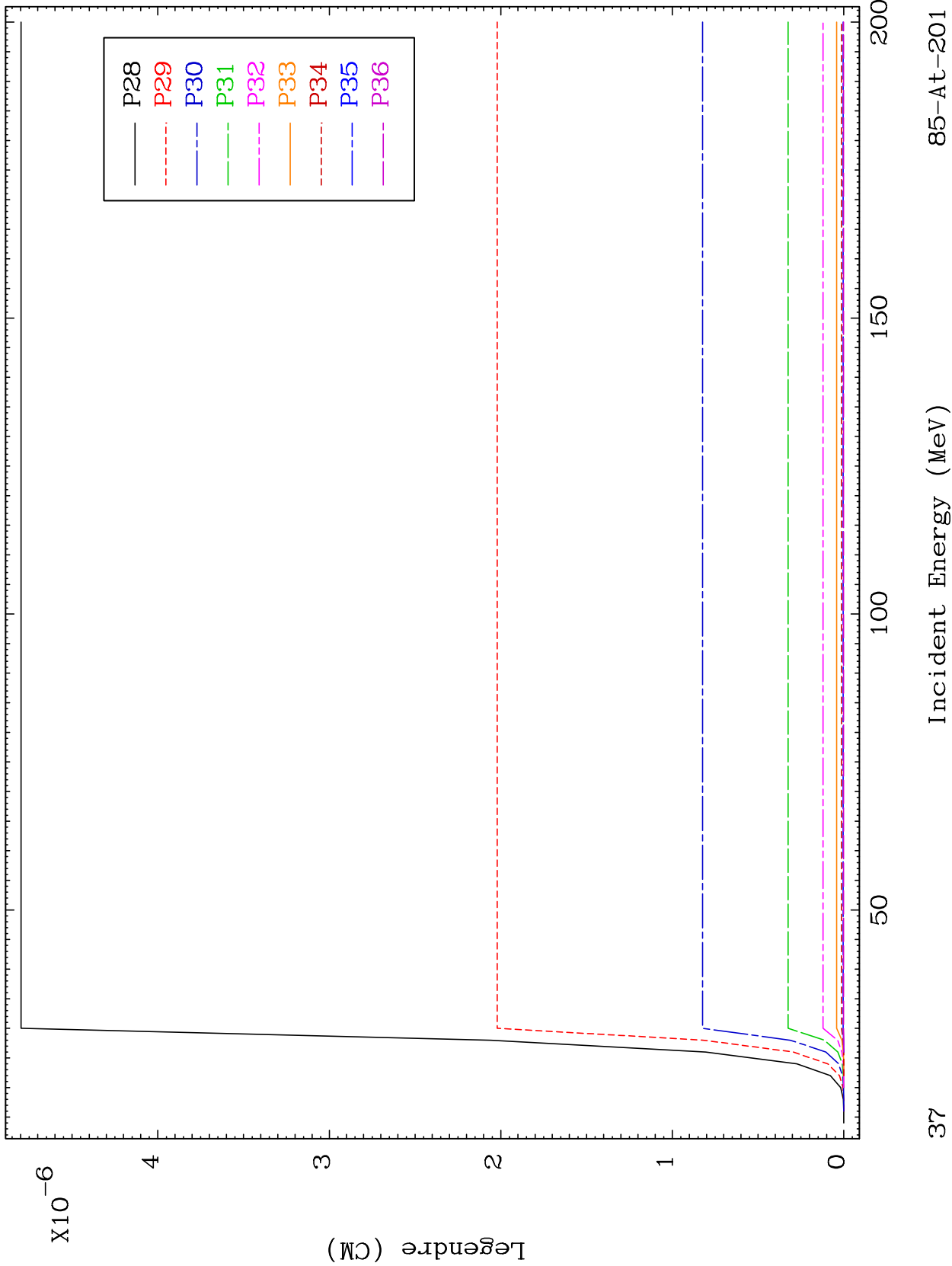
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



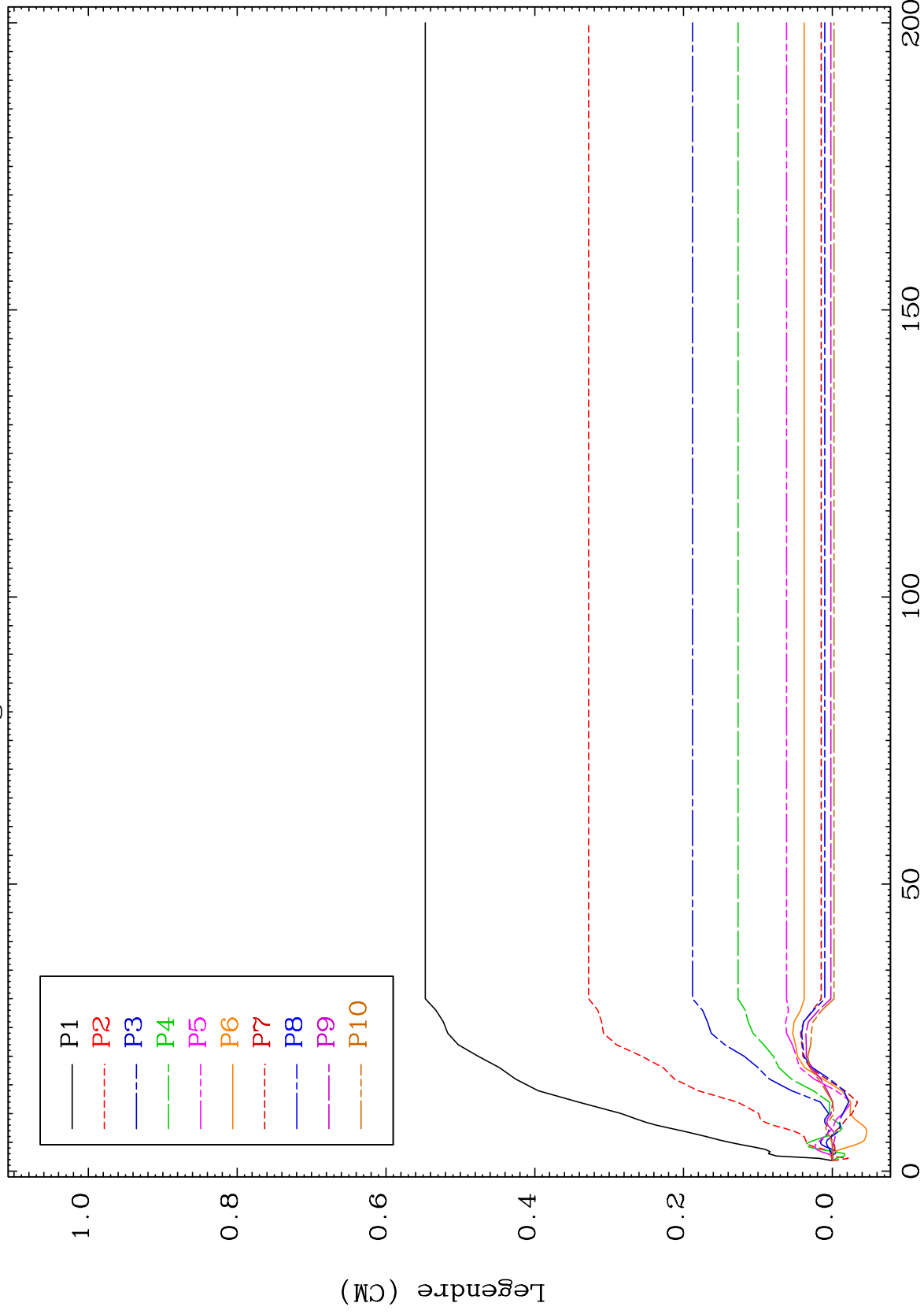
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85-At-201

MAT 8519

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

85-At-201



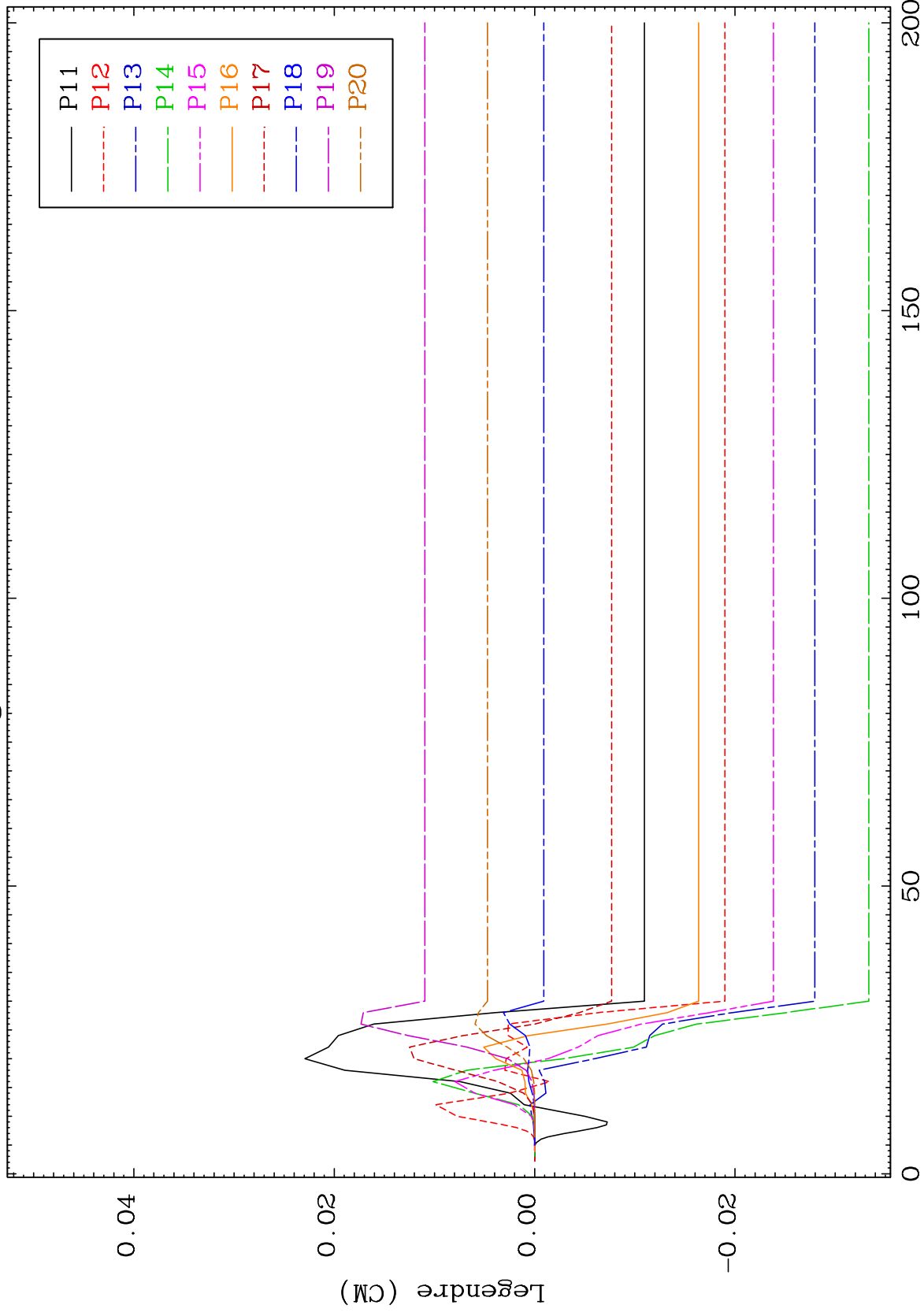
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85-At-201

MAT 8519

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

85-At-201

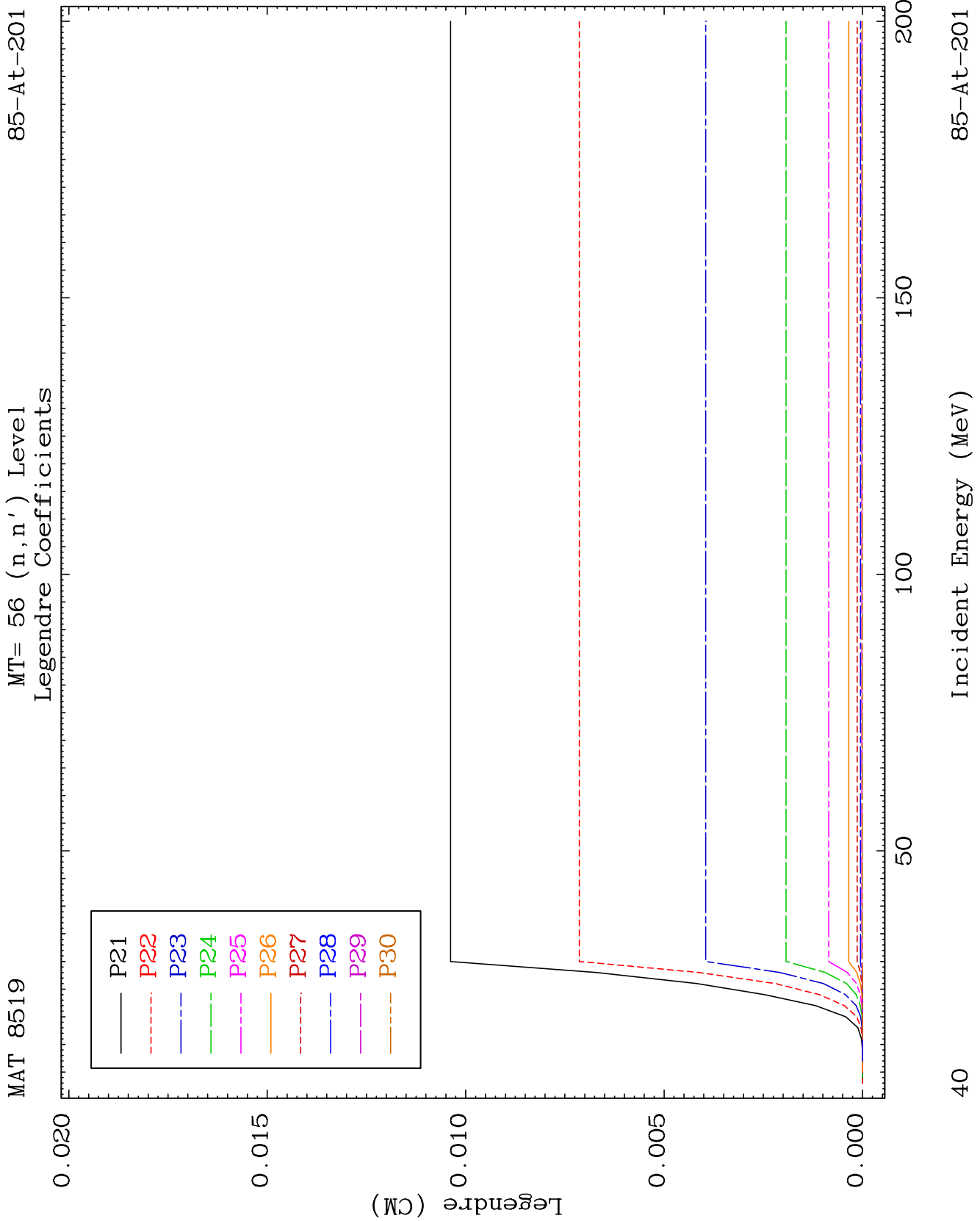


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Incident Energy (MeV)

85-At-201

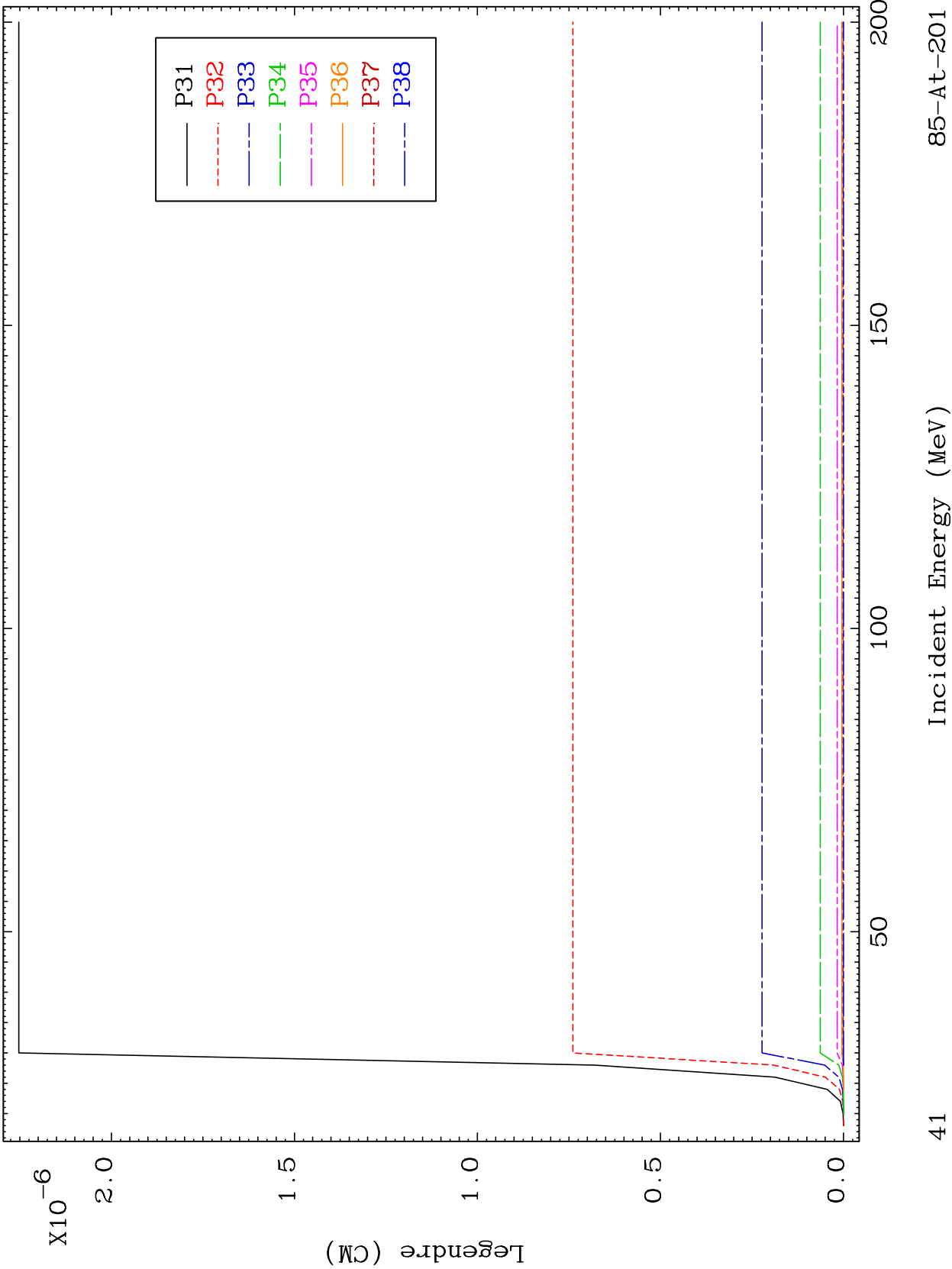




MAT 8519

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

85-At-201



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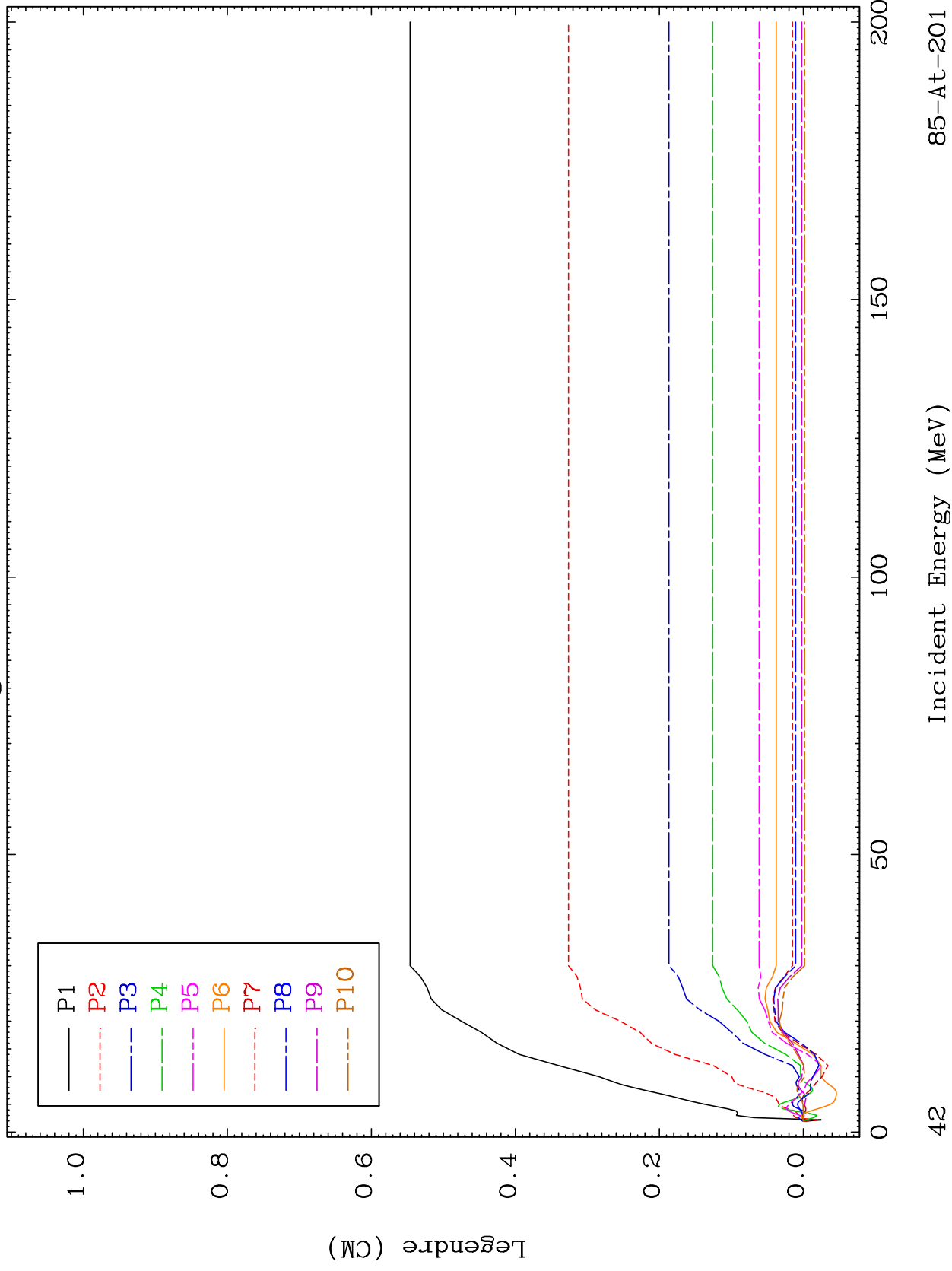
Incident Energy (MeV)

85-At-201

MAT 8519

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

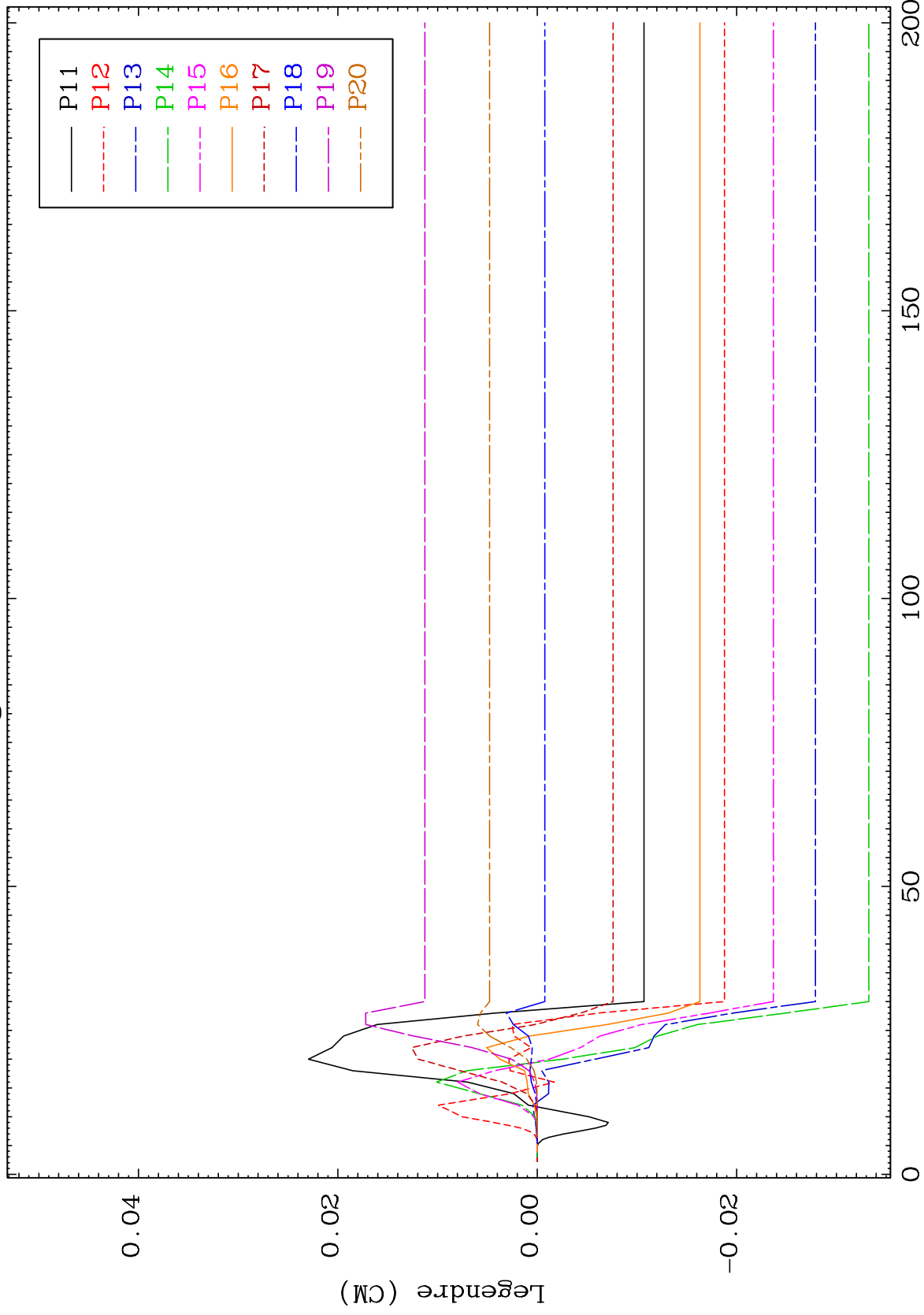
85-At-201



MAT 8519

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

85-At-201



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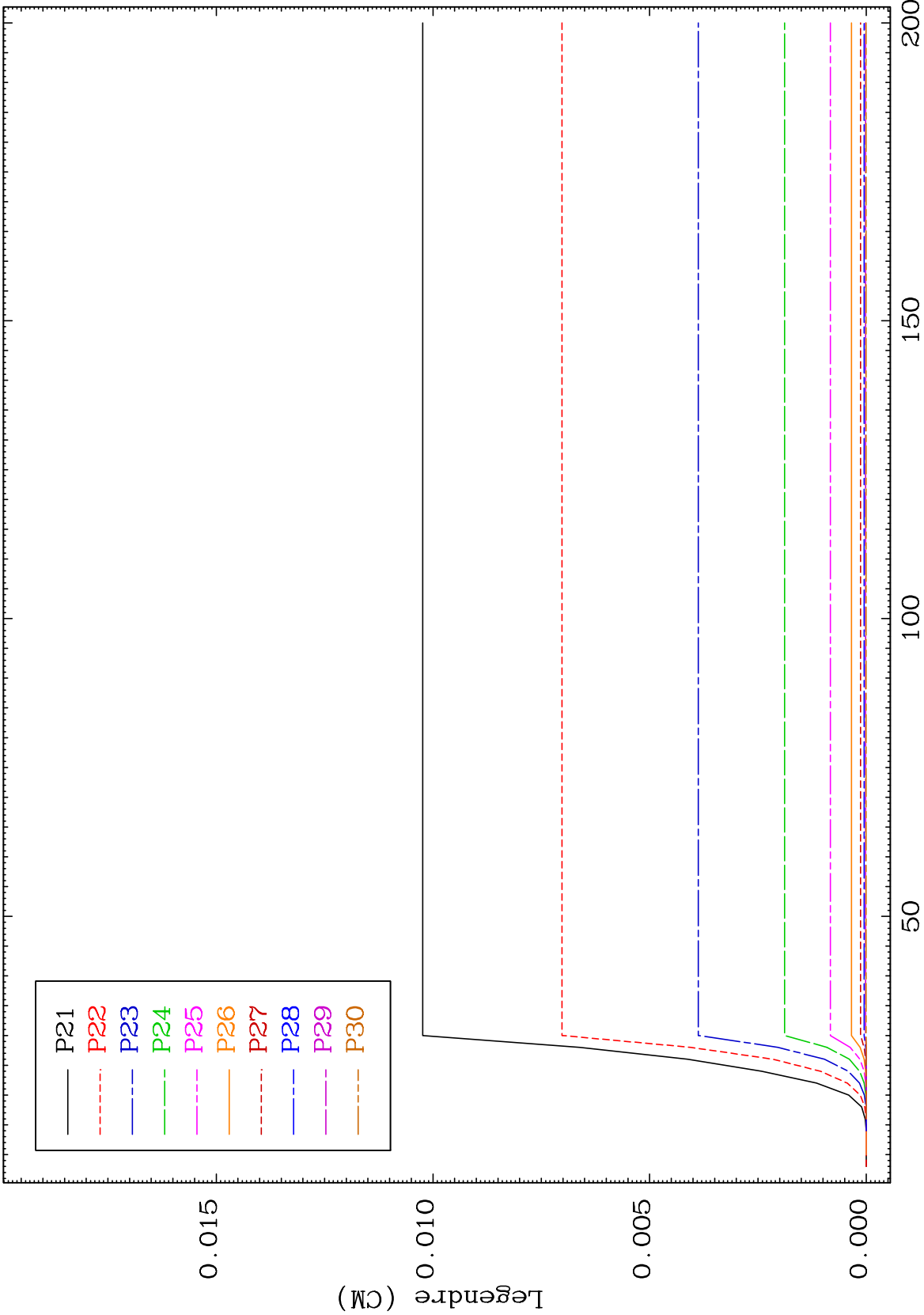
Incident Energy (MeV)

85-At-201

MAT 8519

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

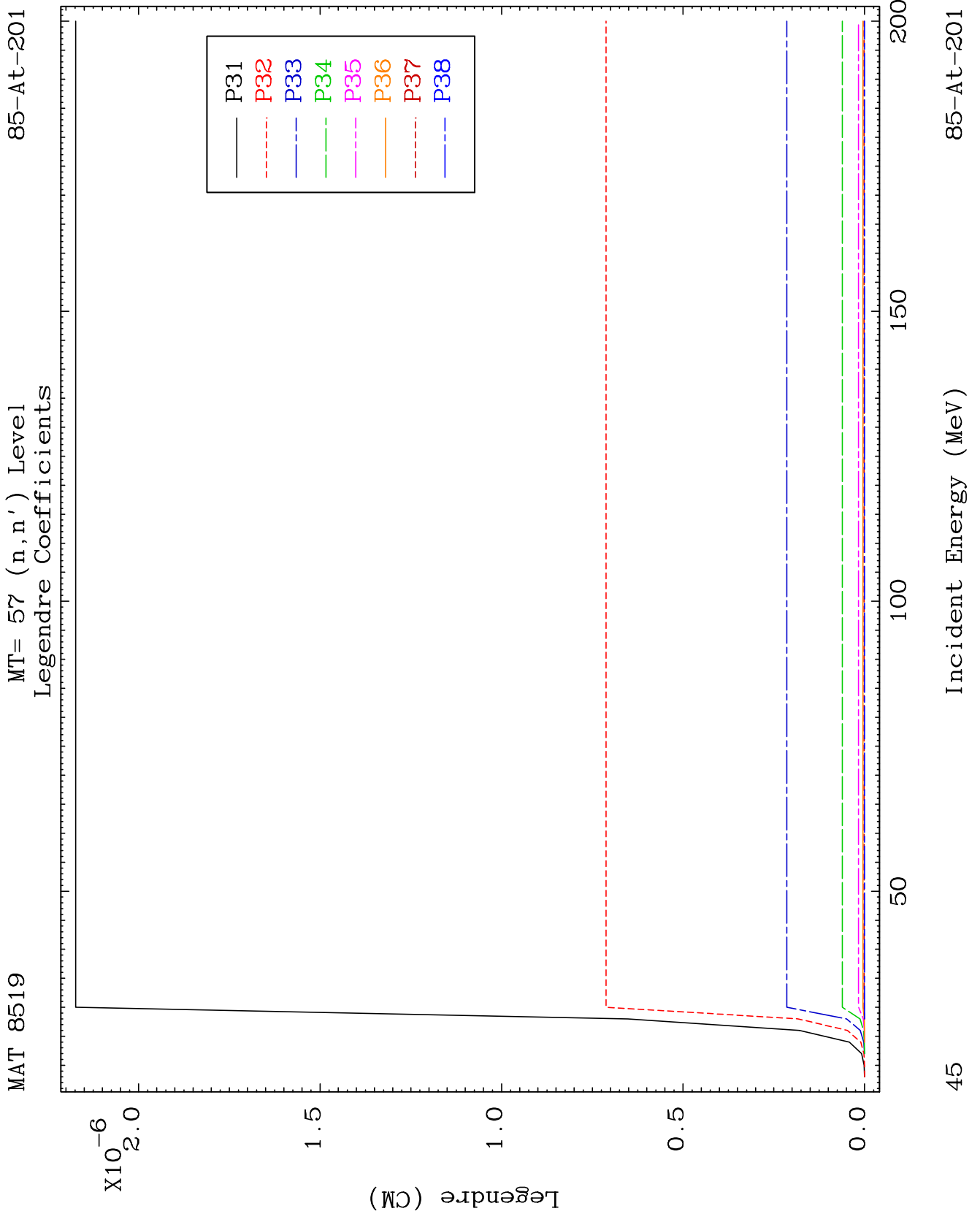
85-At-201



44

Incident Energy (MeV)

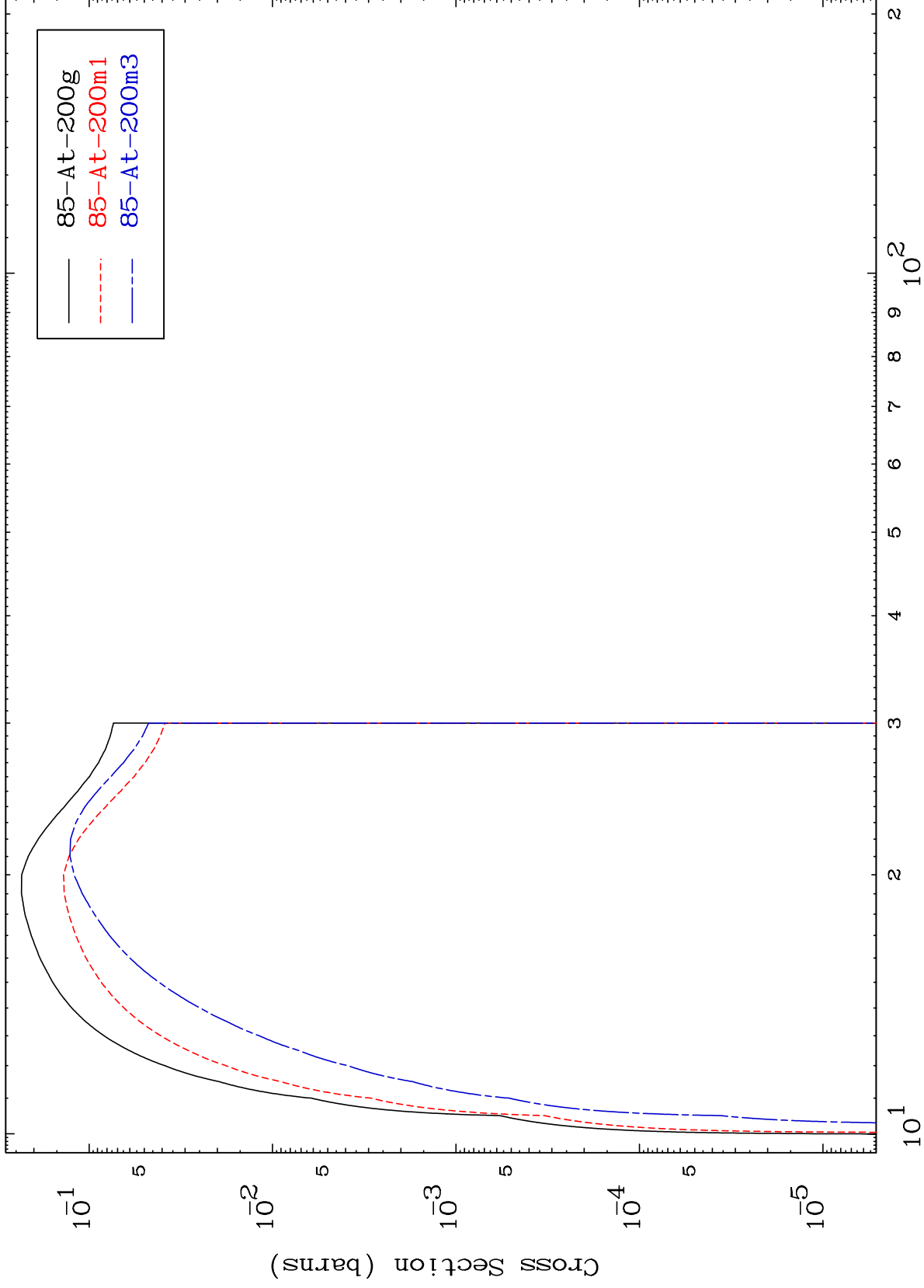
85-At-201



MAT 8519

85-At-201

(n,2n)  
Radionuclide Production Cross Section



85-At-201

Incident Energy (MeV)

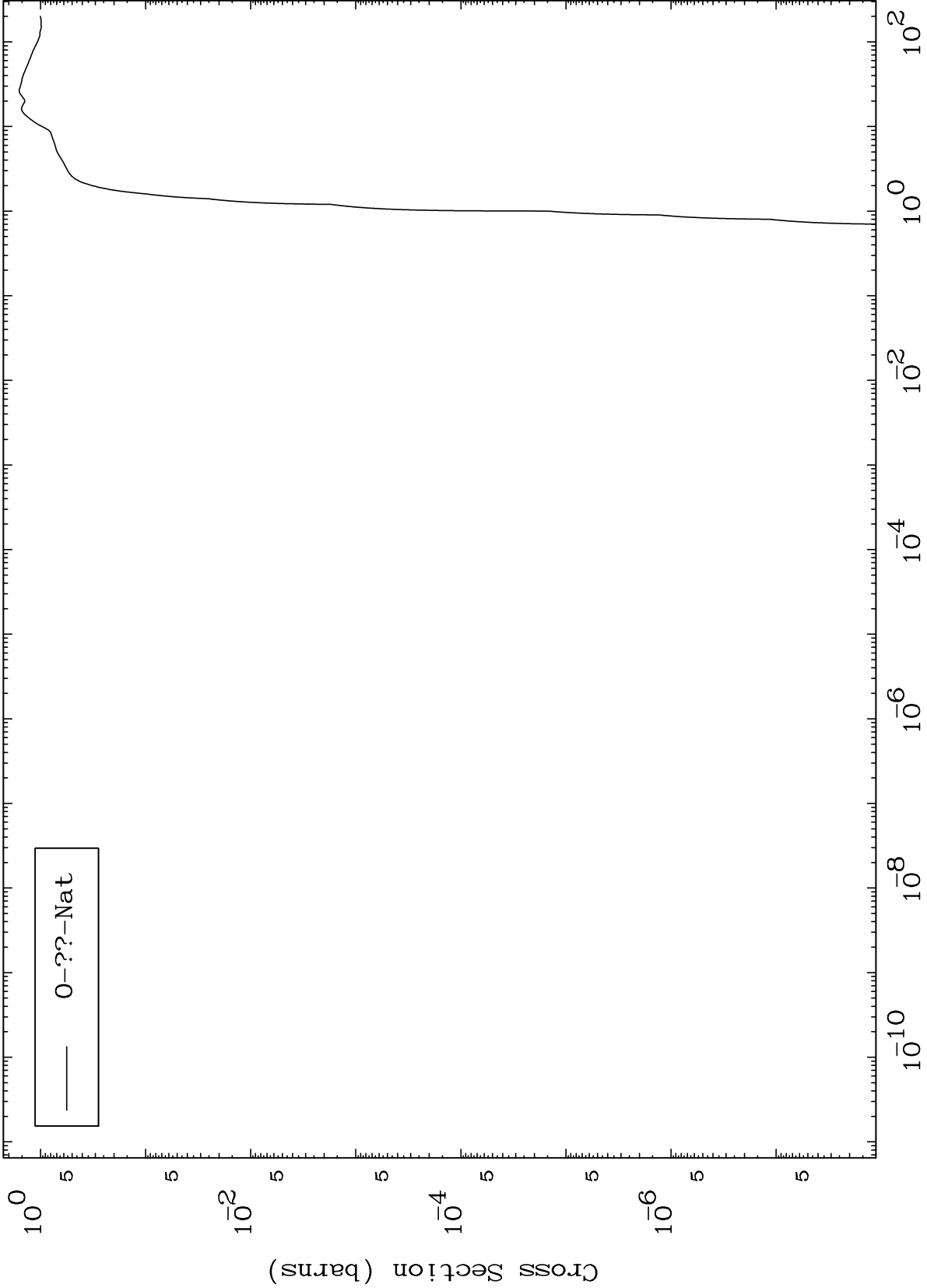
46

MAT 8519

Fission

85-At-201

Radionuclide Production Cross Section



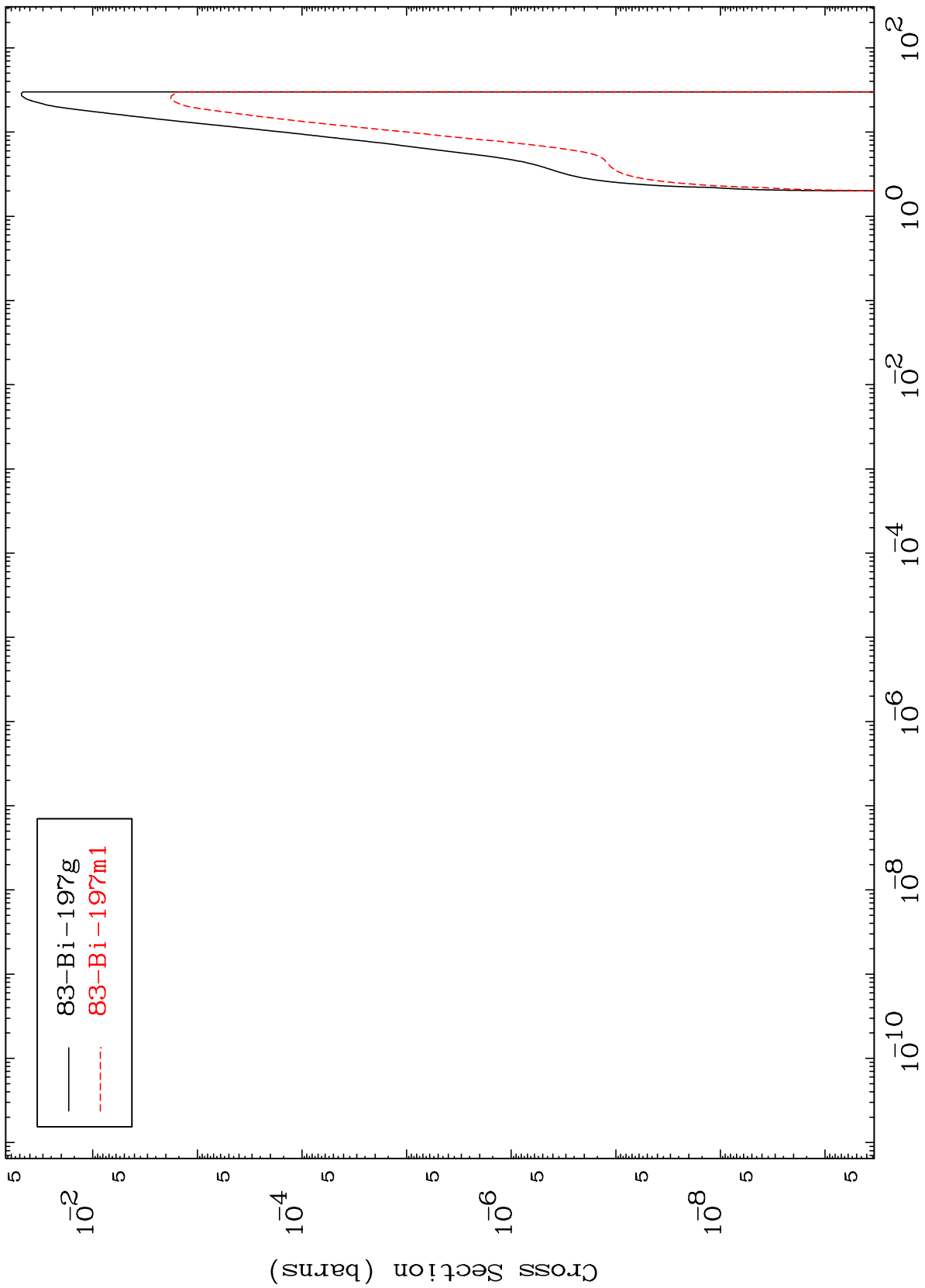


MAT 8519

(n,n')  $\alpha$

85-At-201

Radionuclide Production Cross Section



48

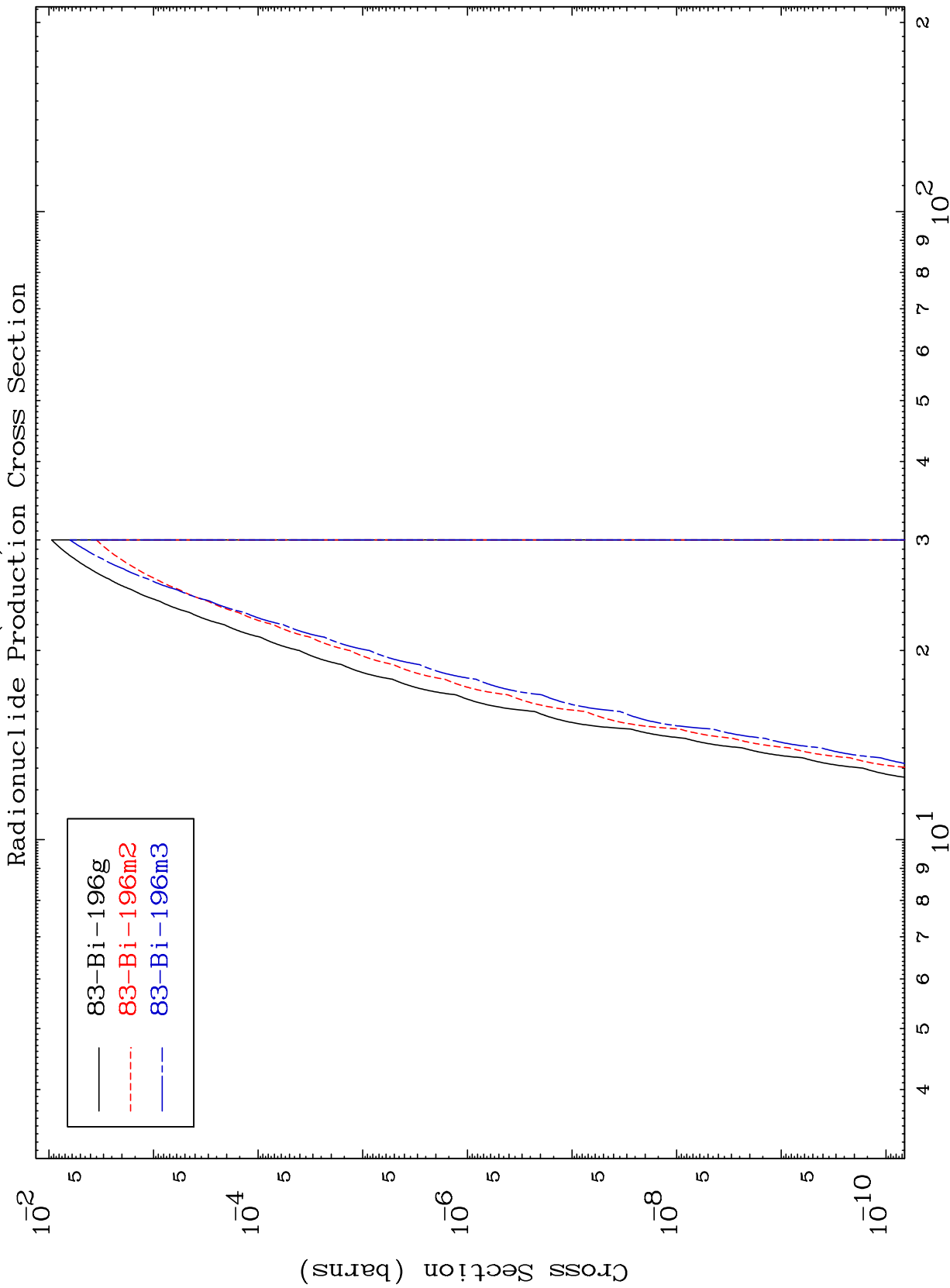
Incident Energy (MeV)

85-At-201

MAT 8519

(n,2n)  $\alpha$

85-At-201



49

Incident Energy (MeV)

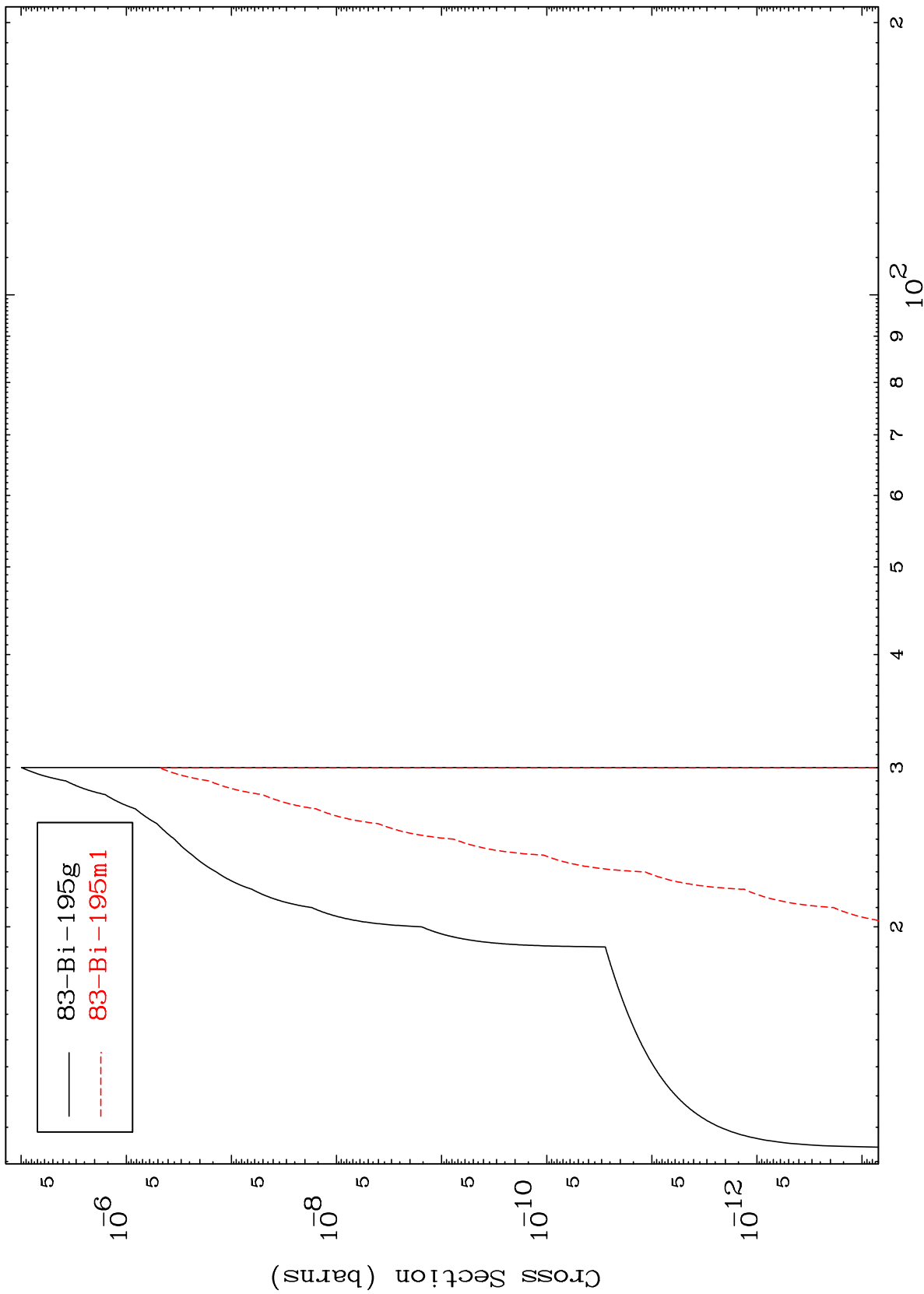
85-At-201

MAT 8519

(n,3n)  $\alpha$

85-At-201

Radionuclide Production Cross Section



50

Incident Energy (MeV)

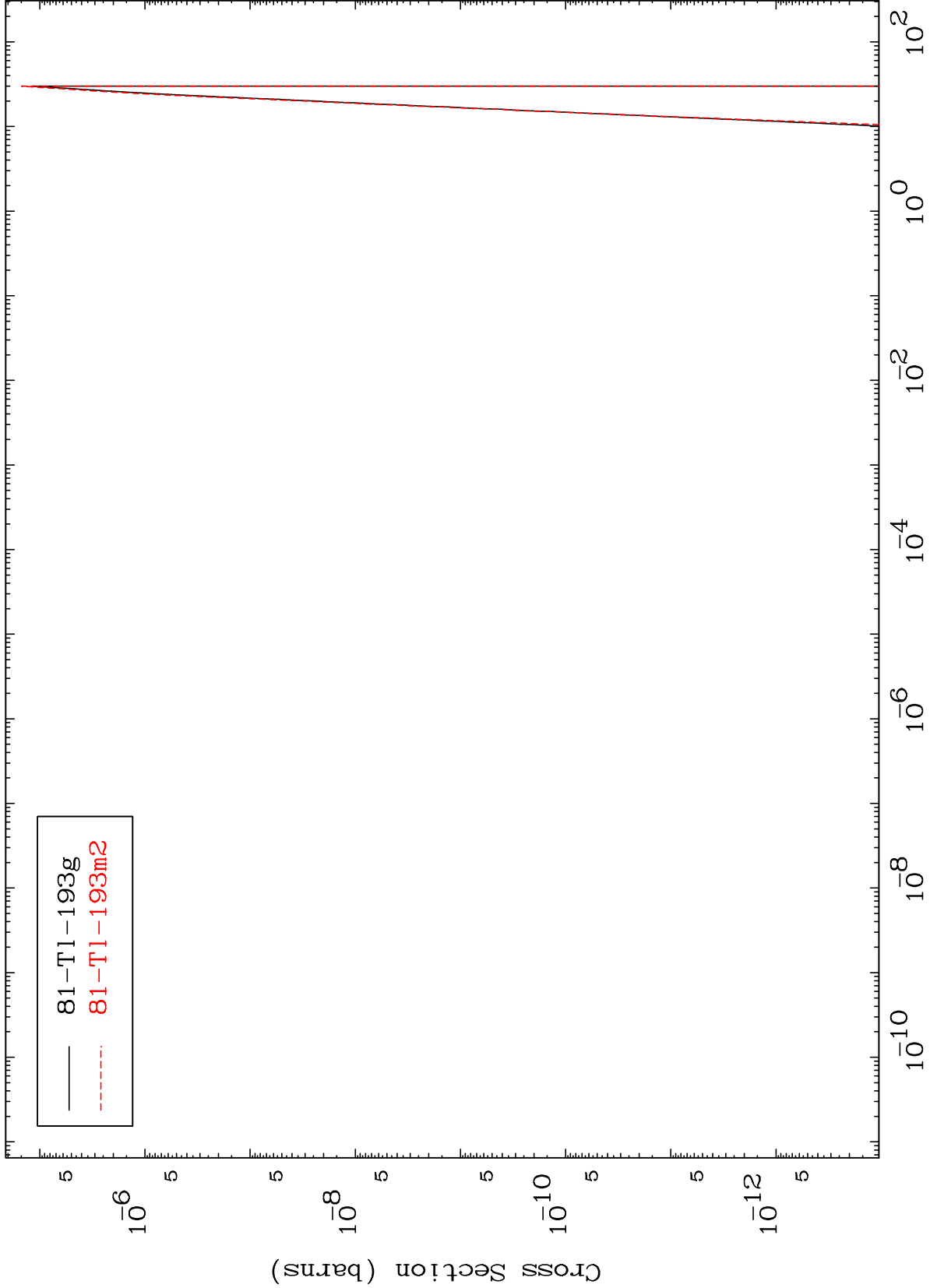
85-At-201

MAT 8519

(n,n') 2α

85-At-201

Radionuclide Production Cross Section

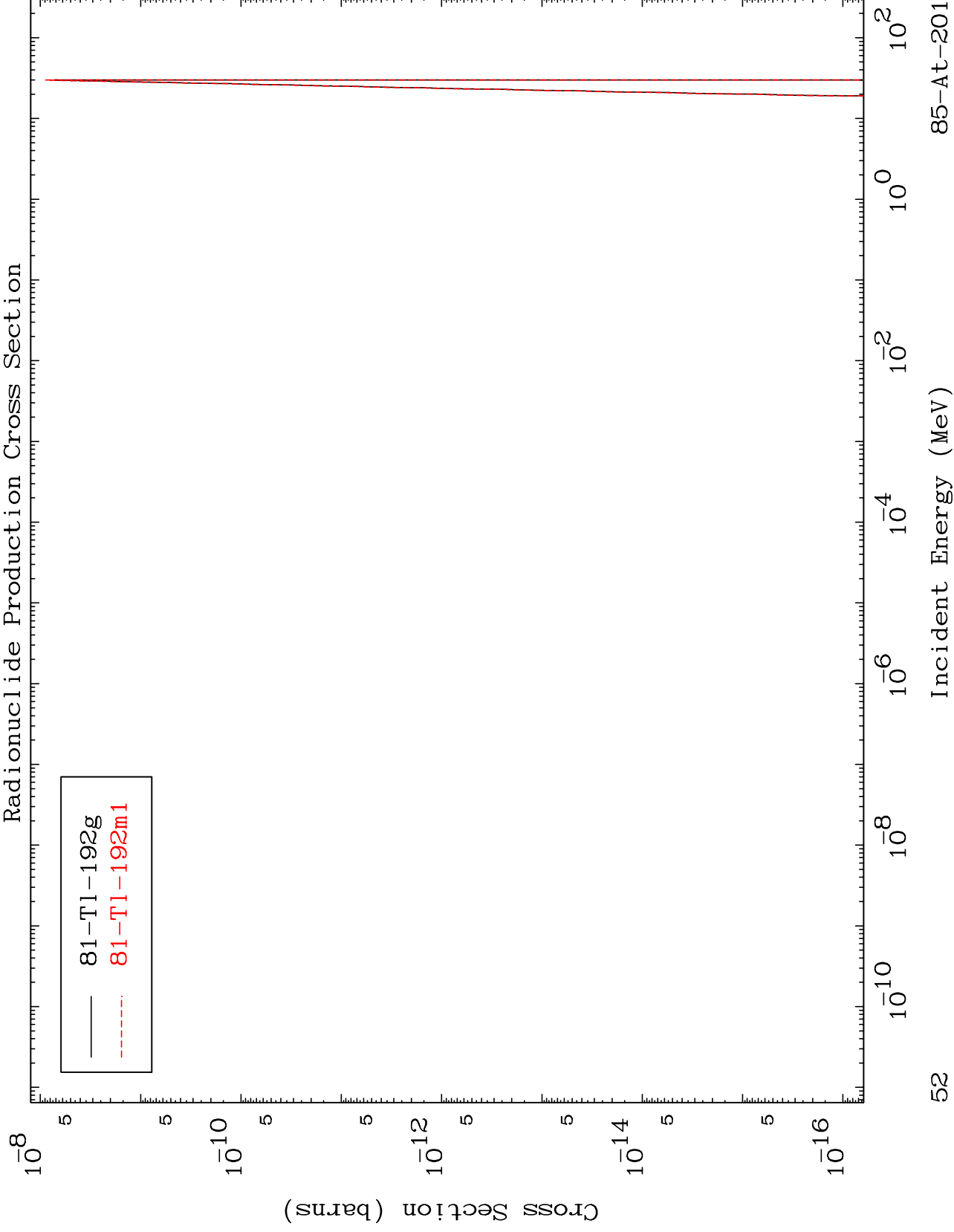


MAT 8519

(n,2n) 2α

85-At-201

Radionuclide Production Cross Section

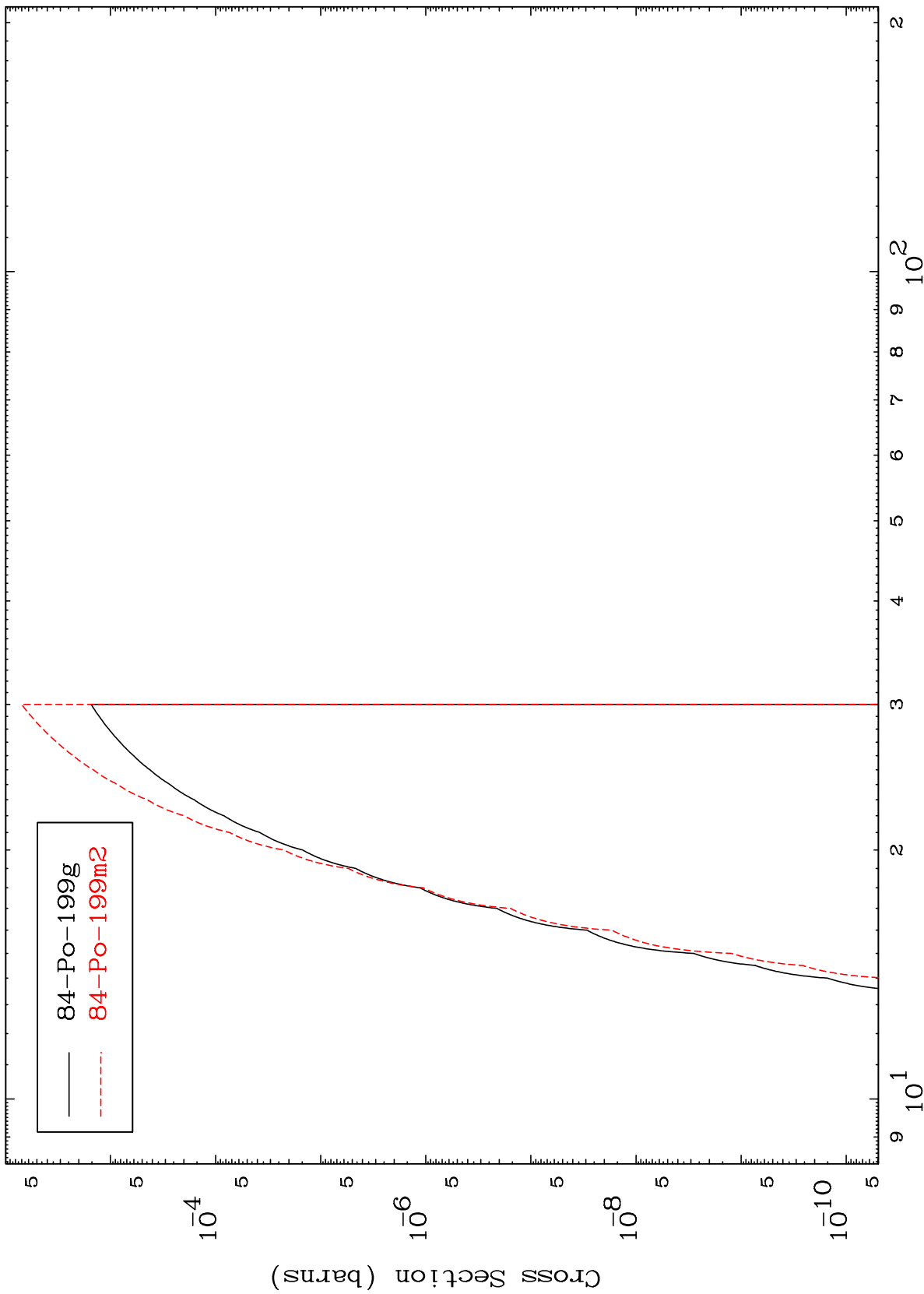


52

Incident Energy (MeV)

85-At-201

(n,n') d  
Radionuclide Production Cross Section

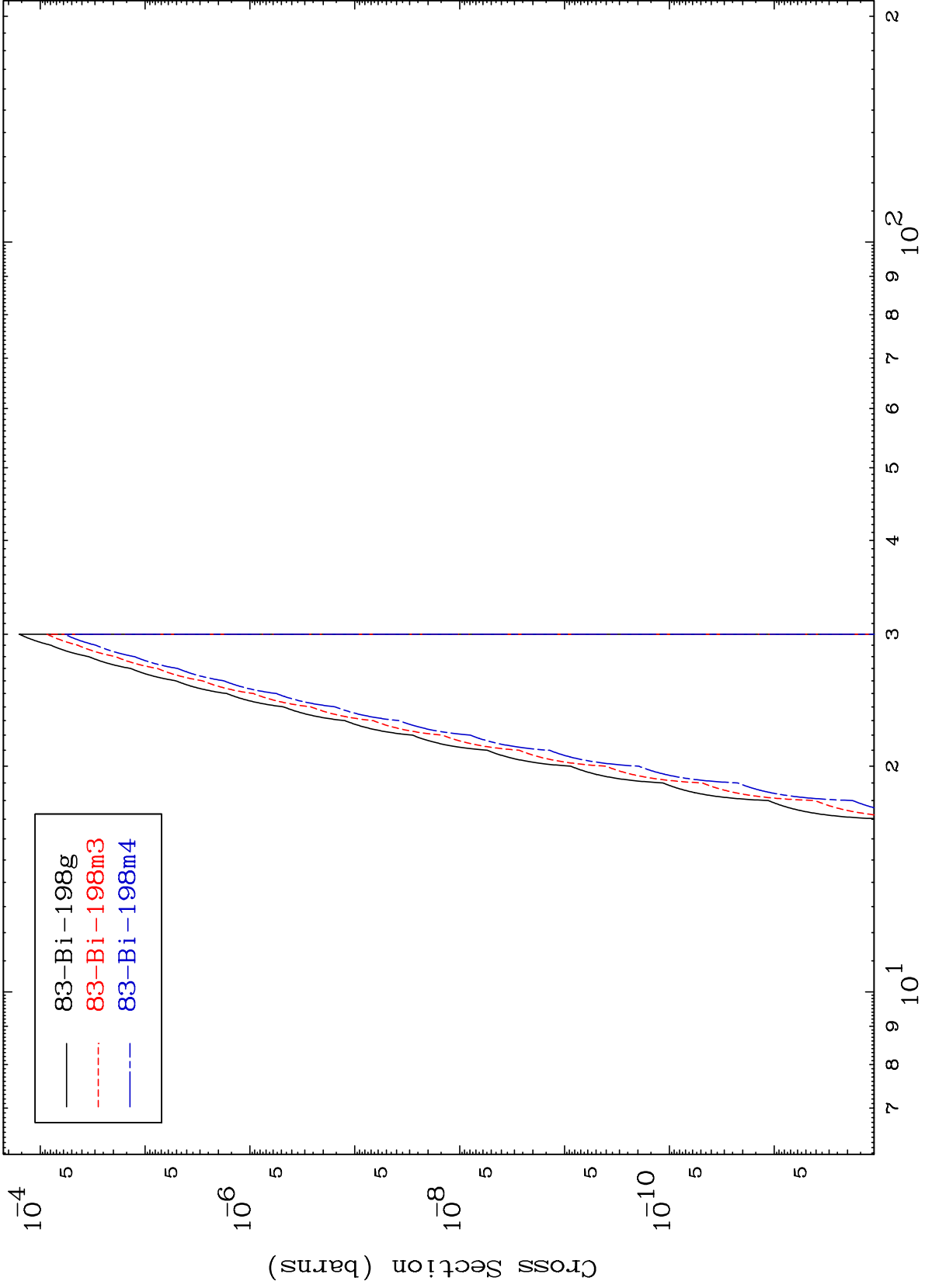


MAT 8519

(n,n') He-3

85-At-201

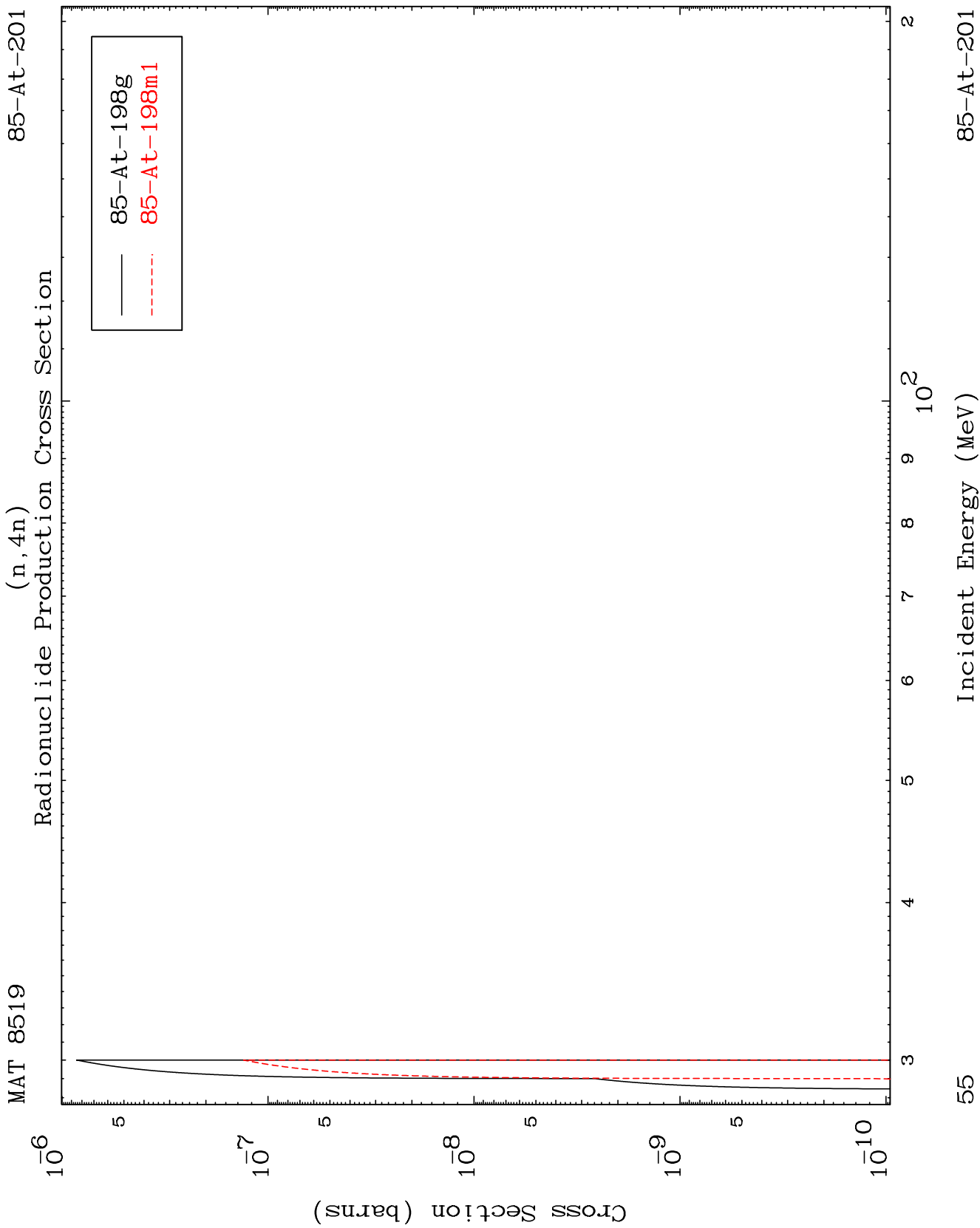
Radionuclide Production Cross Section



54

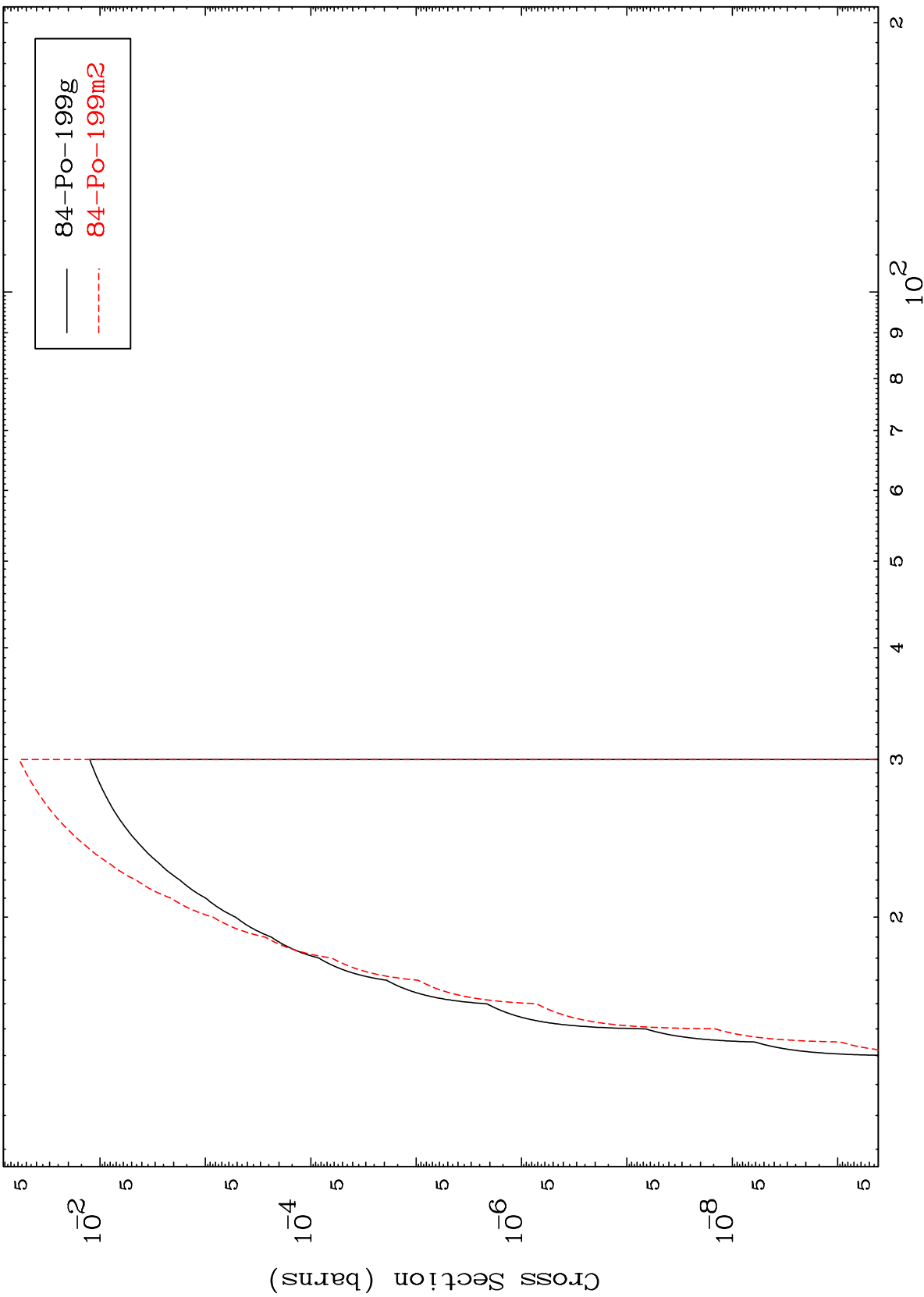
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85-At-201





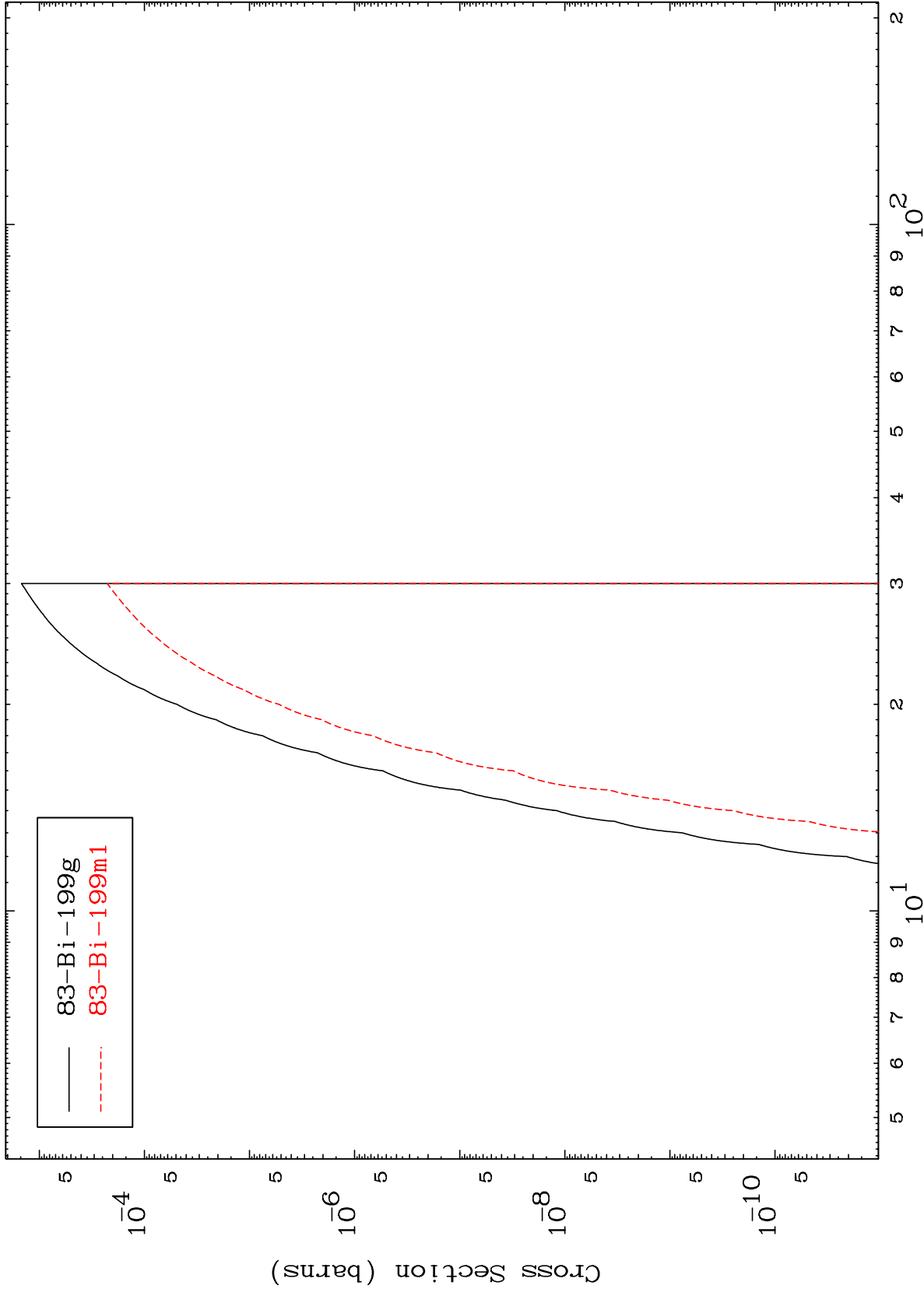
Radionuclide Production Cross Section



MAT 8519

85-At-201

(n,2n) p  
Radionuclide Production Cross Section



57

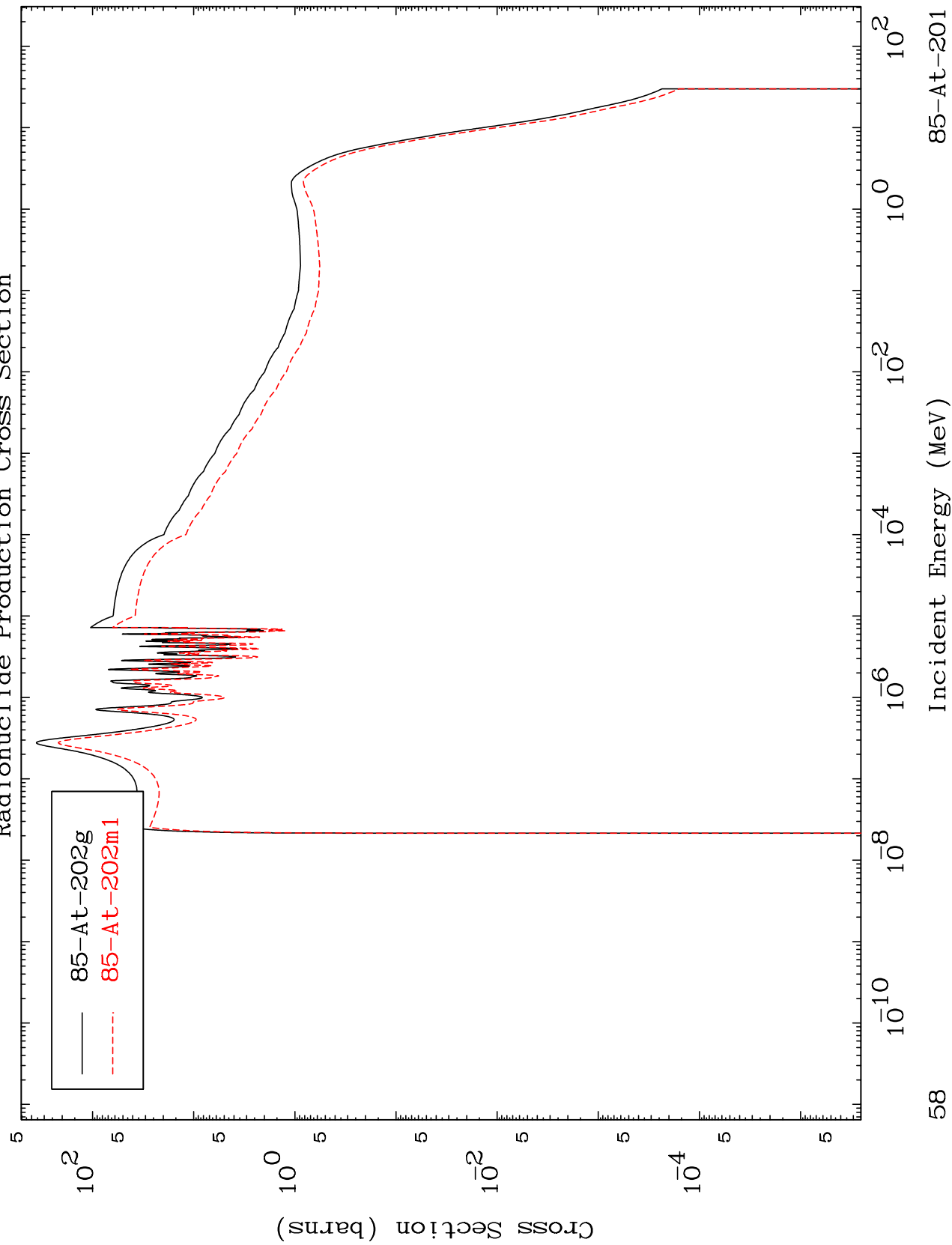
Incident Energy (MeV)

85-At-201

MAT 8519

85-At-201

Radionuclide Production Cross Section (n,γ)



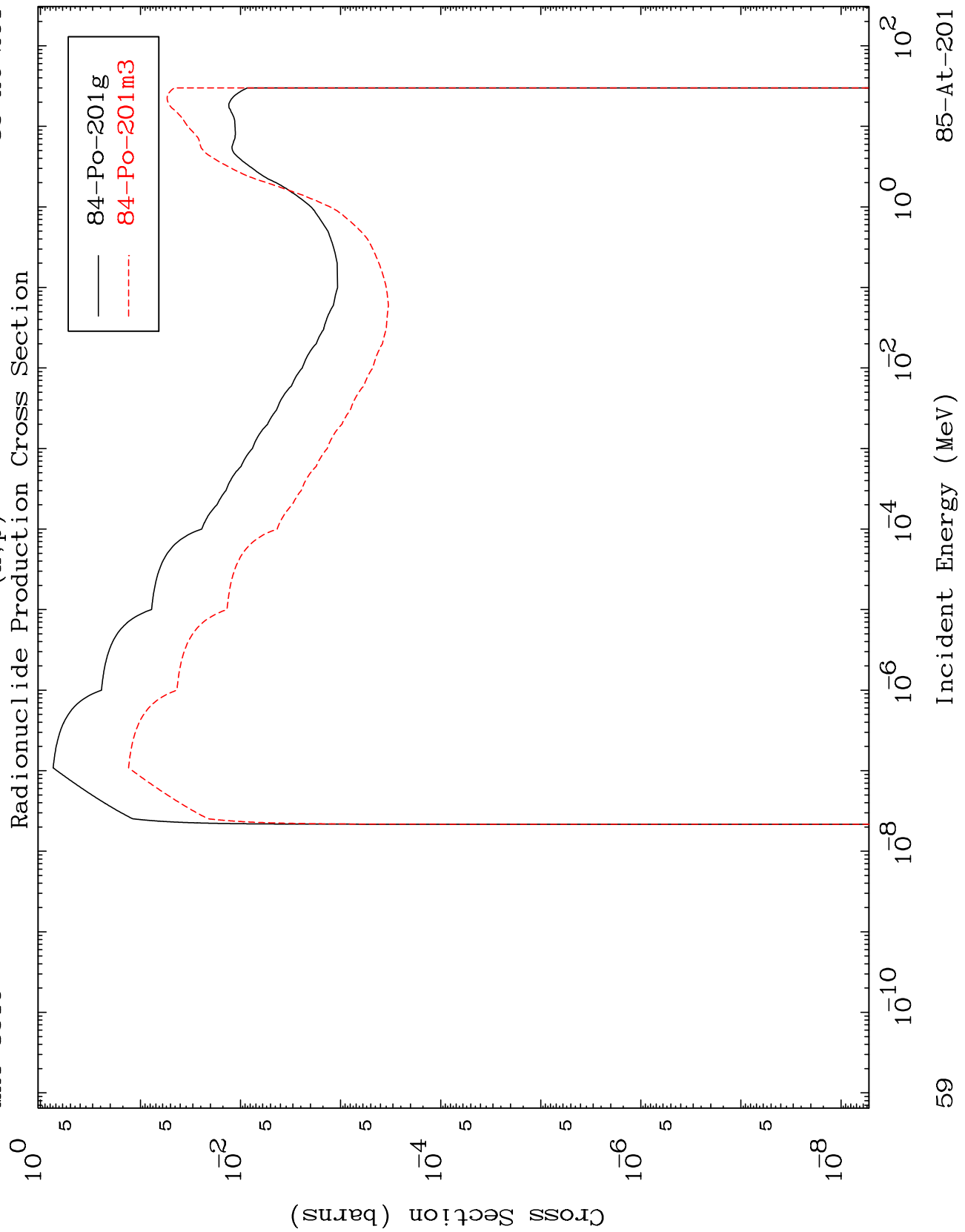
58

85-At-201

MAT 8519

85-At-201

(n,p)  
Radionuclide Production Cross Section

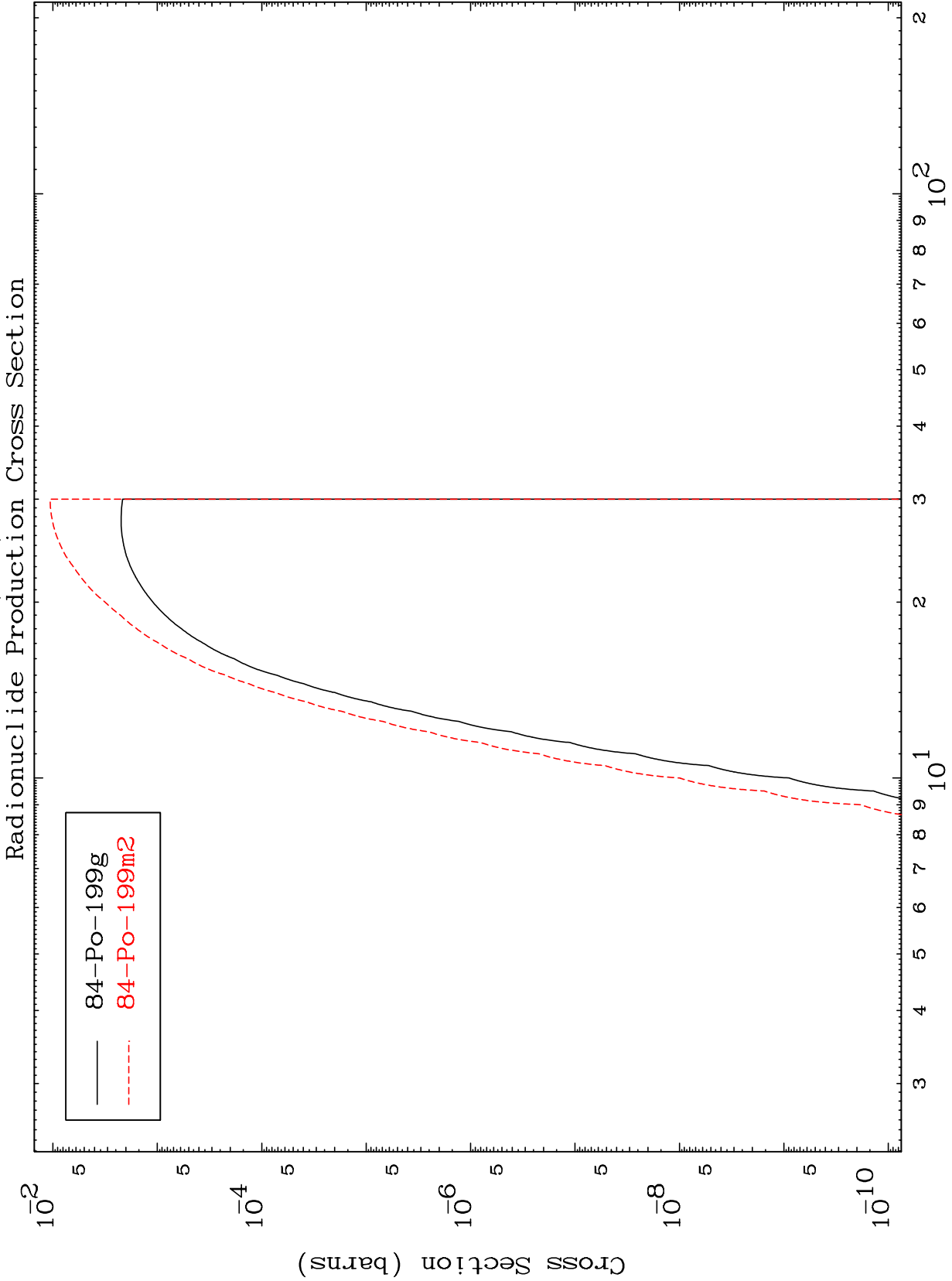


59

85-At-201

MAT 8519

85-At-201



60

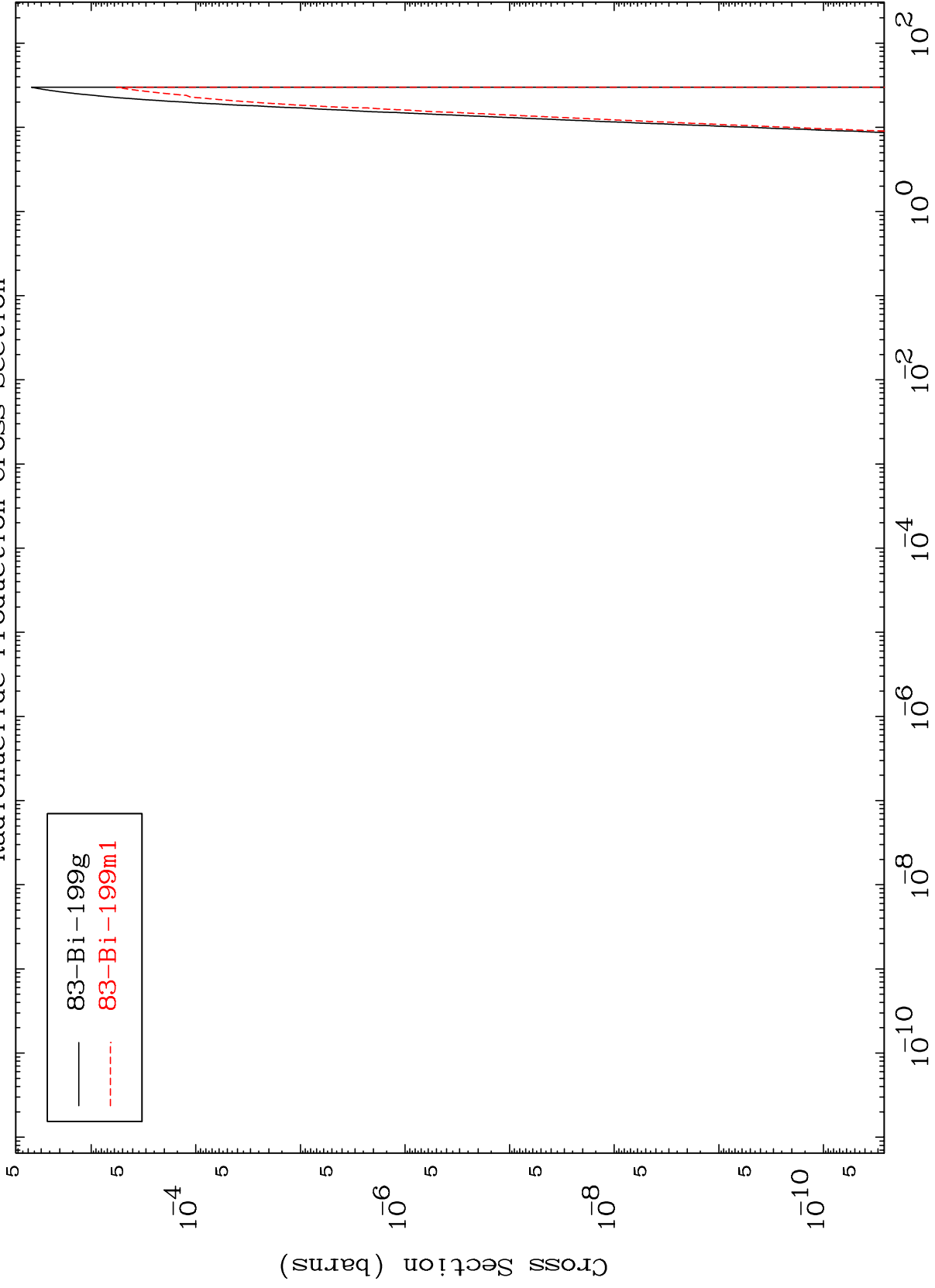
85-At-201

MAT 8519

(n,He-3)

85-At-201

Radionuclide Production Cross Section



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

61

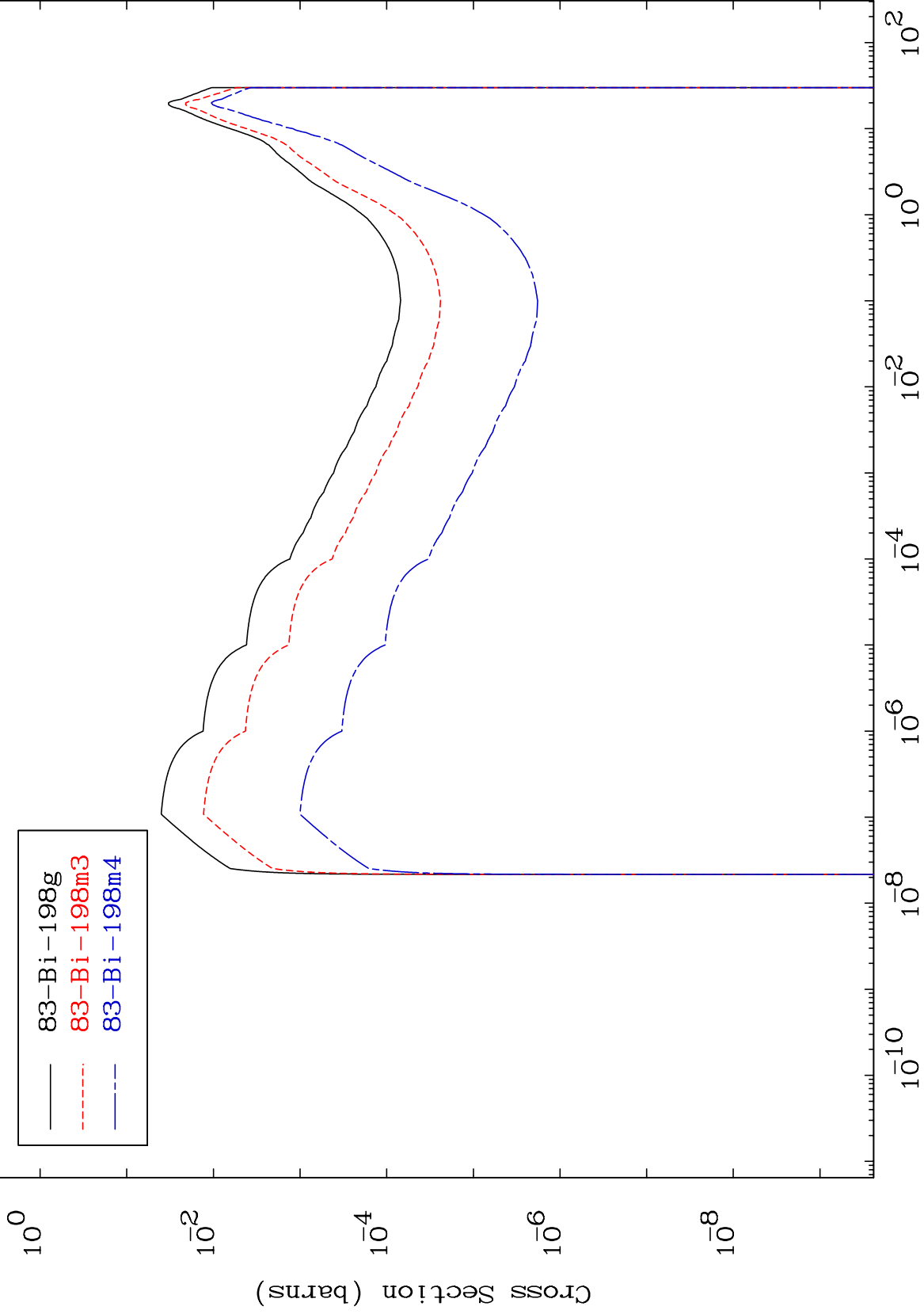
Incident Energy (MeV)

85-At-201

MAT 8519

85-At-201

Radionuclide Production Cross Section



62

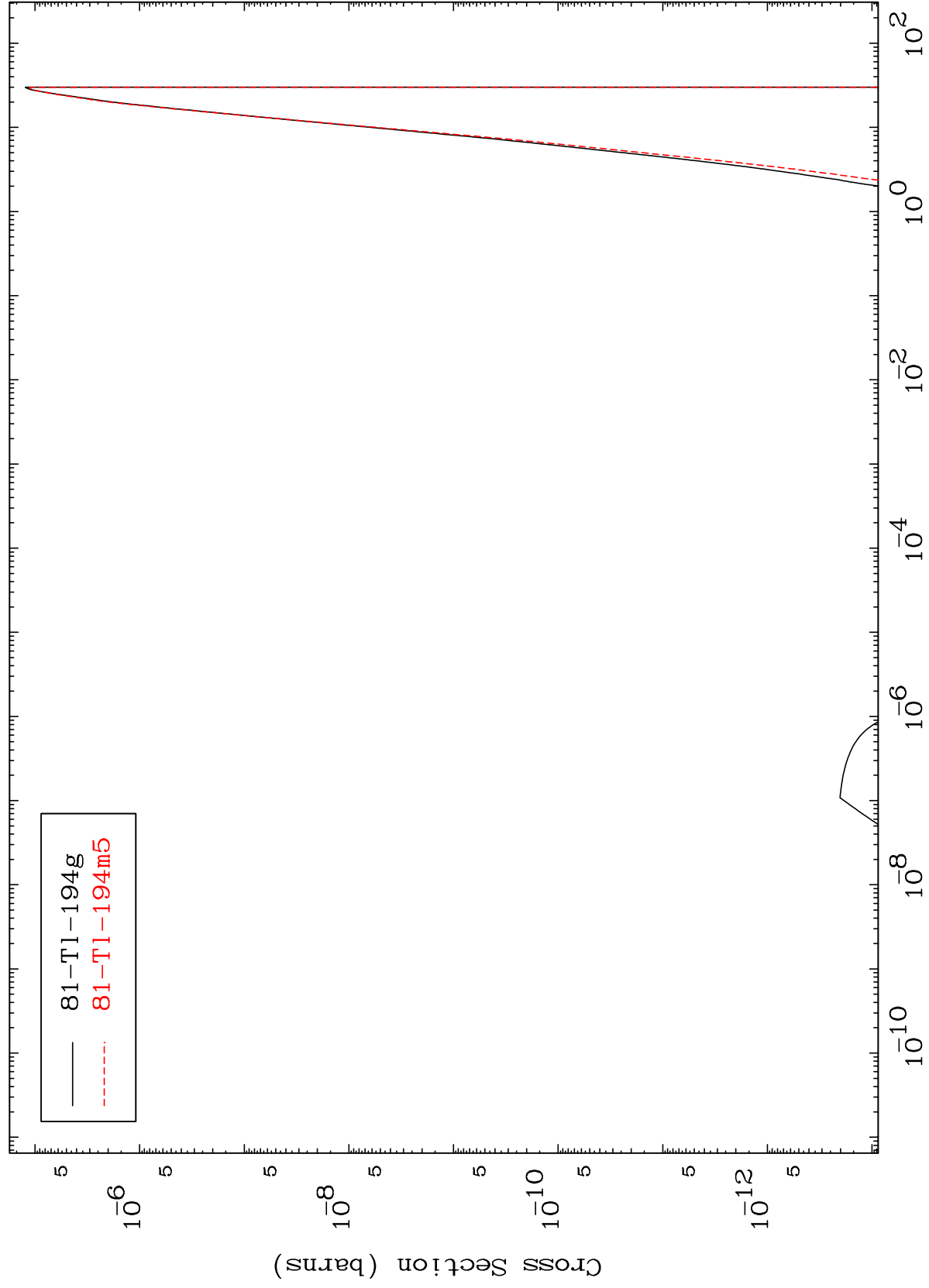
85-At-201

Incident Energy (MeV)

MAT 8519

85-At-201

Radionuclide Production Cross Section  
(n,2α)



63

85-At-201

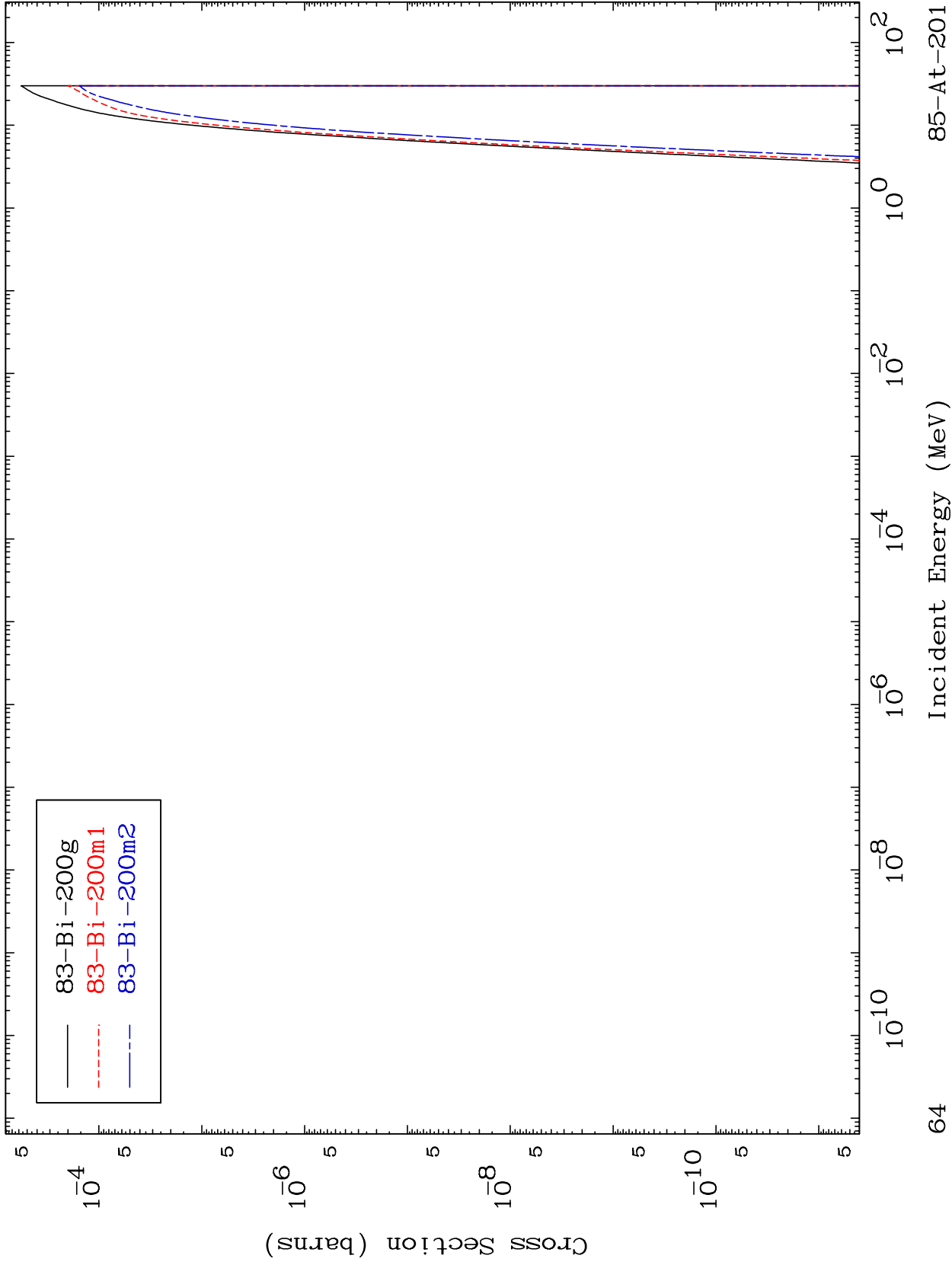
Incident Energy (MeV)



MAT 8519

85-At-201

(n,2p)  
Radionuclide Production Cross Section

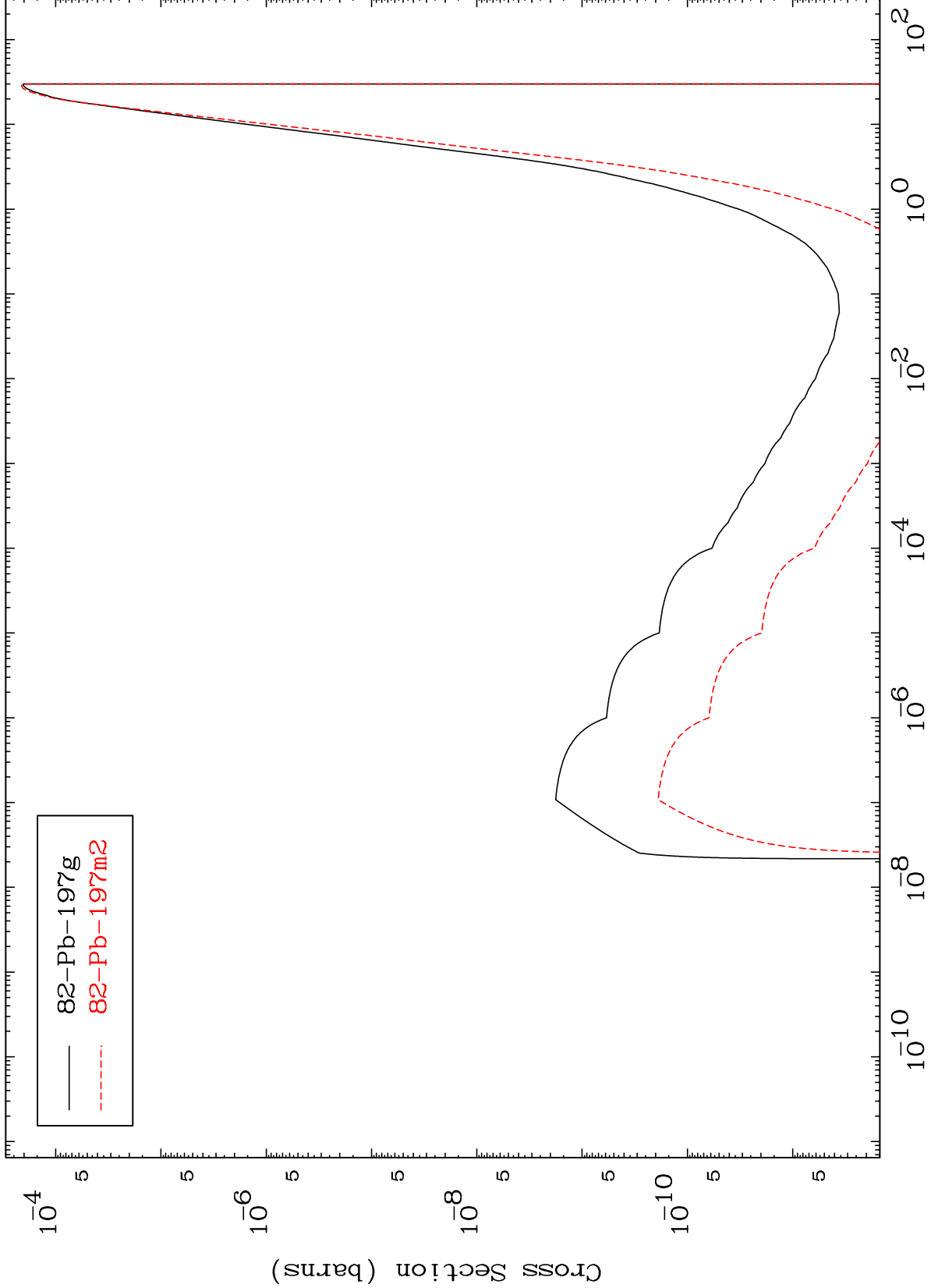


MAT 8519

(n,p)  $\alpha$

85-At-201

Radionuclide Production Cross Section



— 82-Pb-197g  
- - - 82-Pb-197m2

65

Incident Energy (MeV)

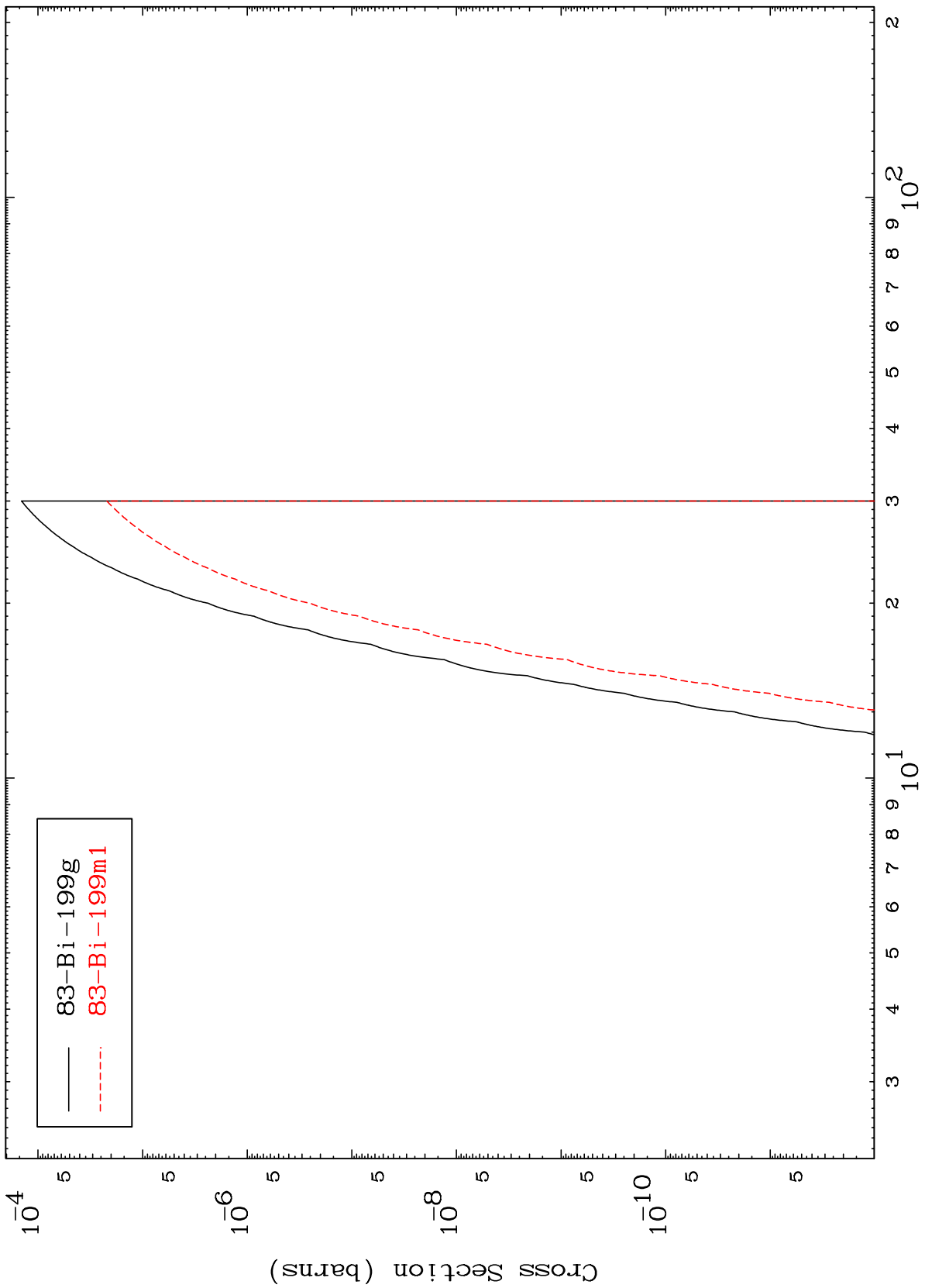
85-At-201

MAT 8519

(n,p) d

85-At-201

Radionuclide Production Cross Section



— 83-Bi-199g  
- - - 83-Bi-199m1

66

Incident Energy (MeV)

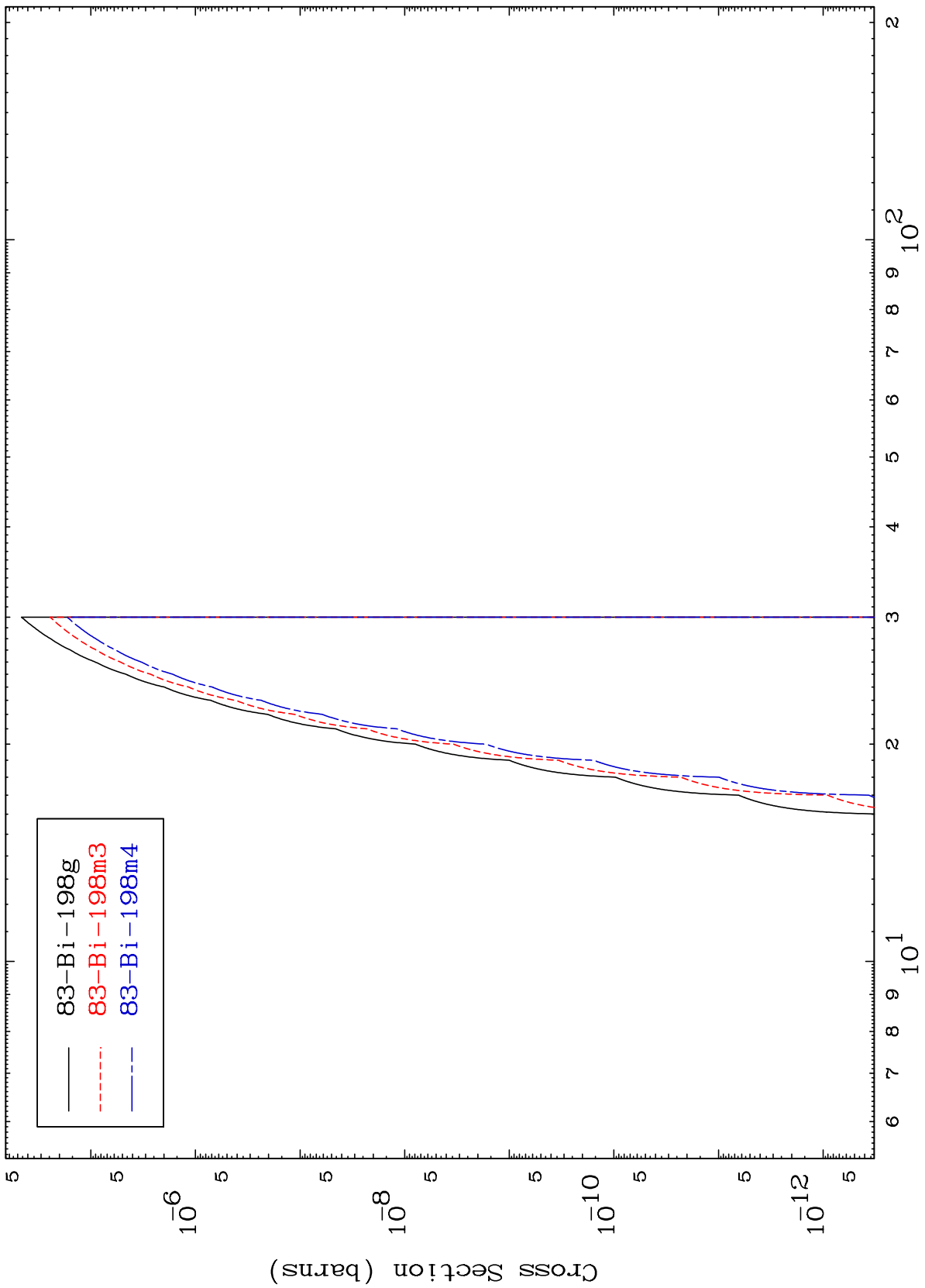
85-At-201

MAT 8519

(n,p) t

85-At-201

Radionuclide Production Cross Section



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Incident Energy (MeV)

85-At-201