

Program EVALPLOT
(Version 2018-1)

by

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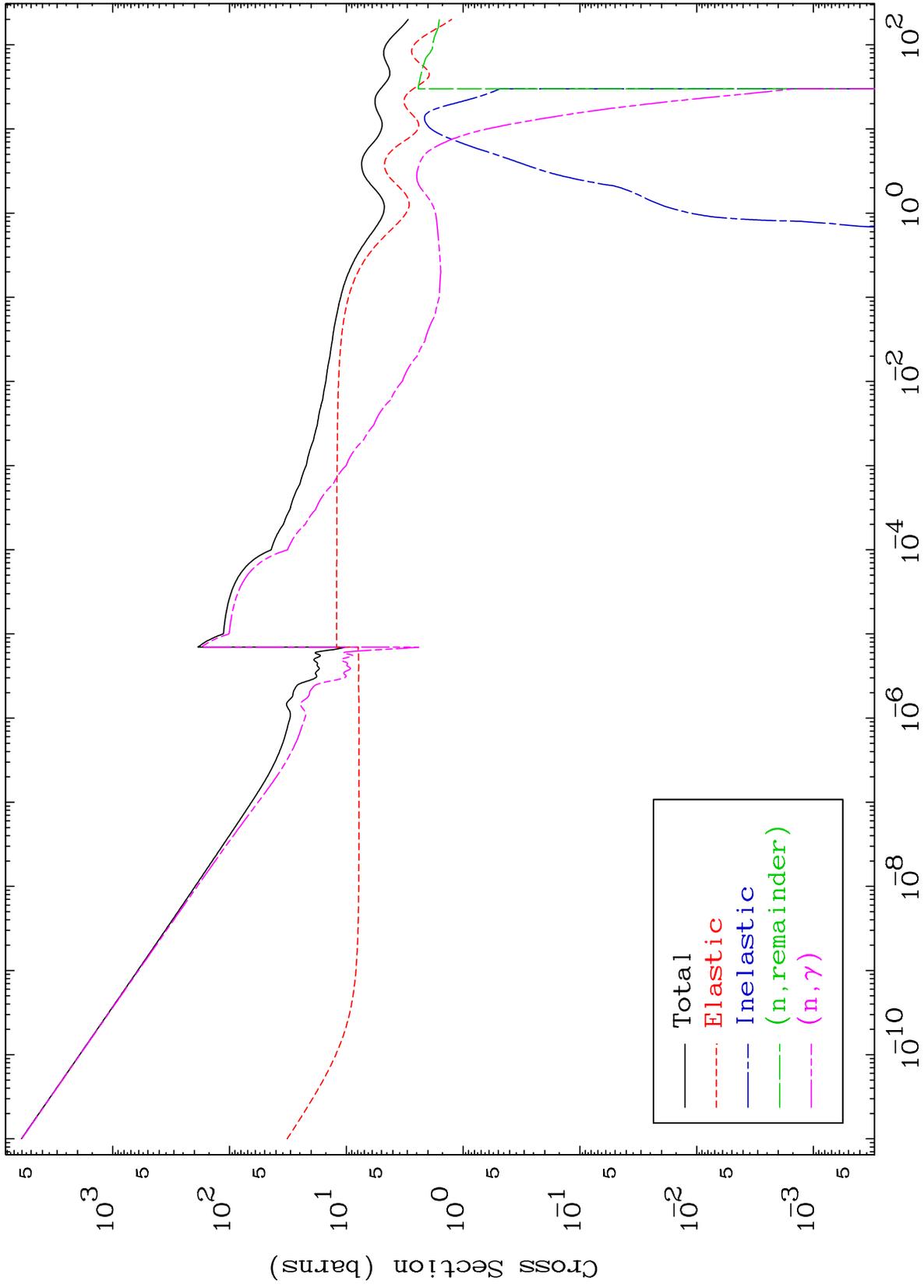
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Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8519

Major
293 Kelvin Cross Sections

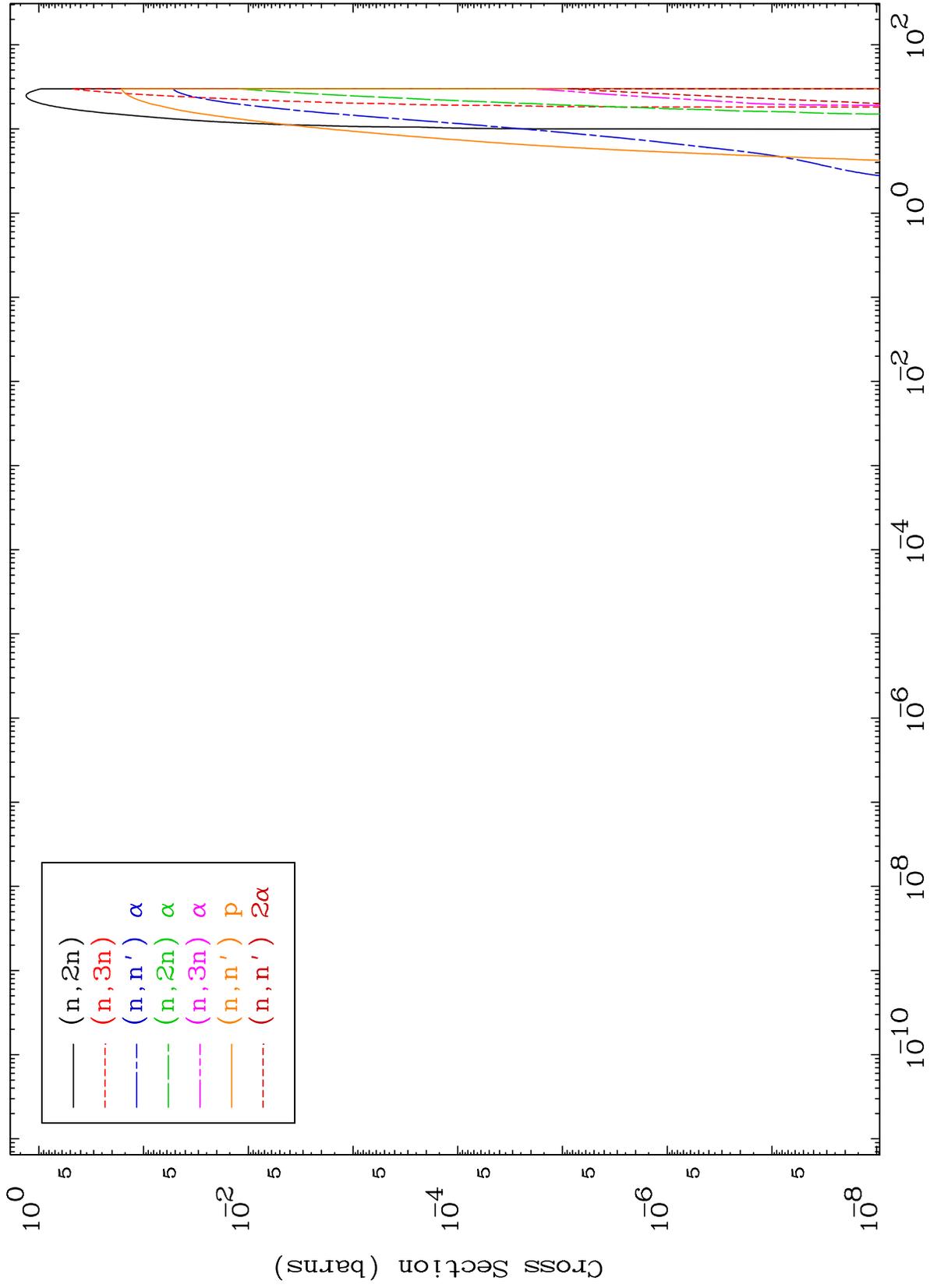
85-At-201



MAT 8519

Neutron Production
293 Kelvin Cross Sections

85-At-201



2

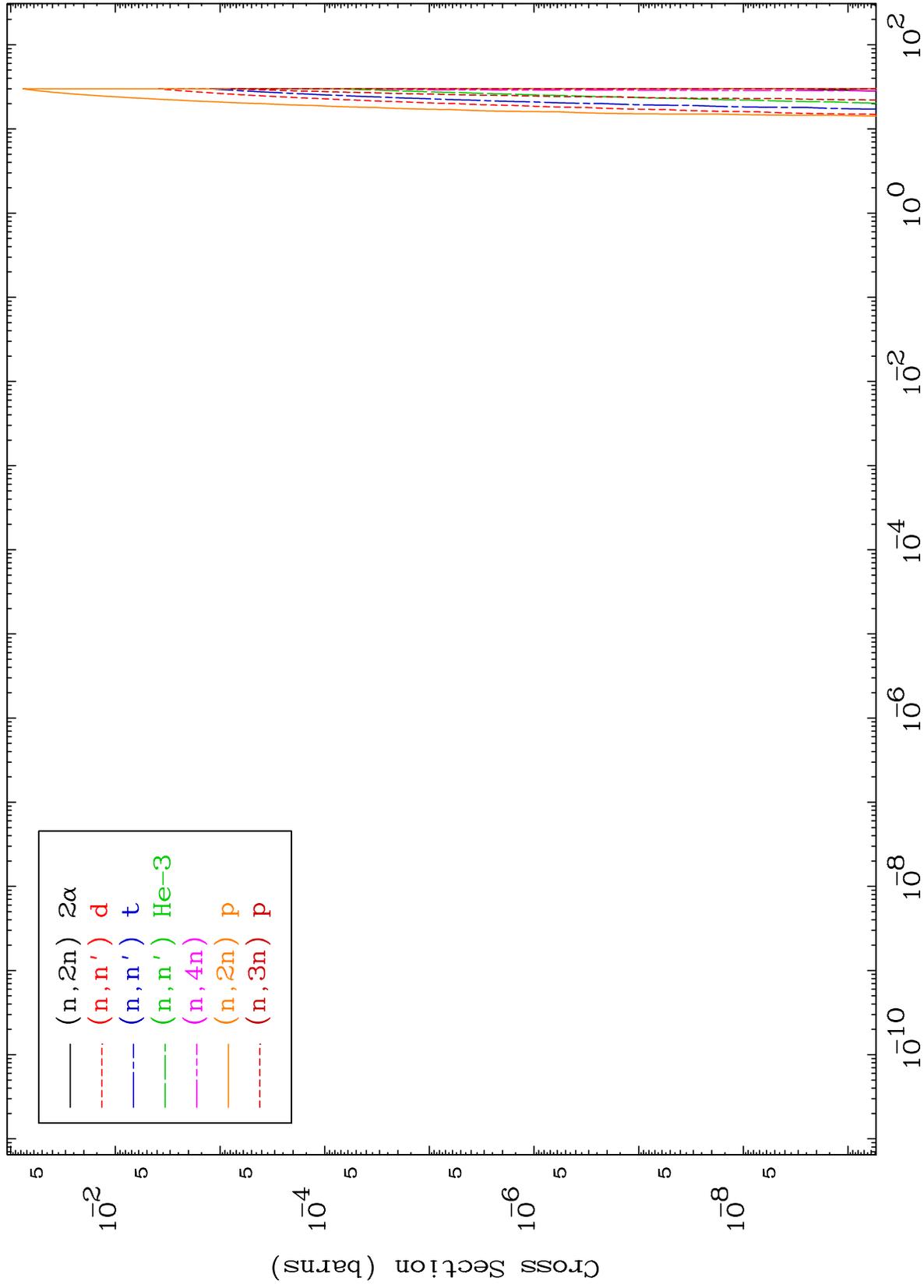
Incident Energy (MeV)

85-At-201

MAT 8519

Neutron Production
293 Kelvin Cross Sections

85-At-201



3

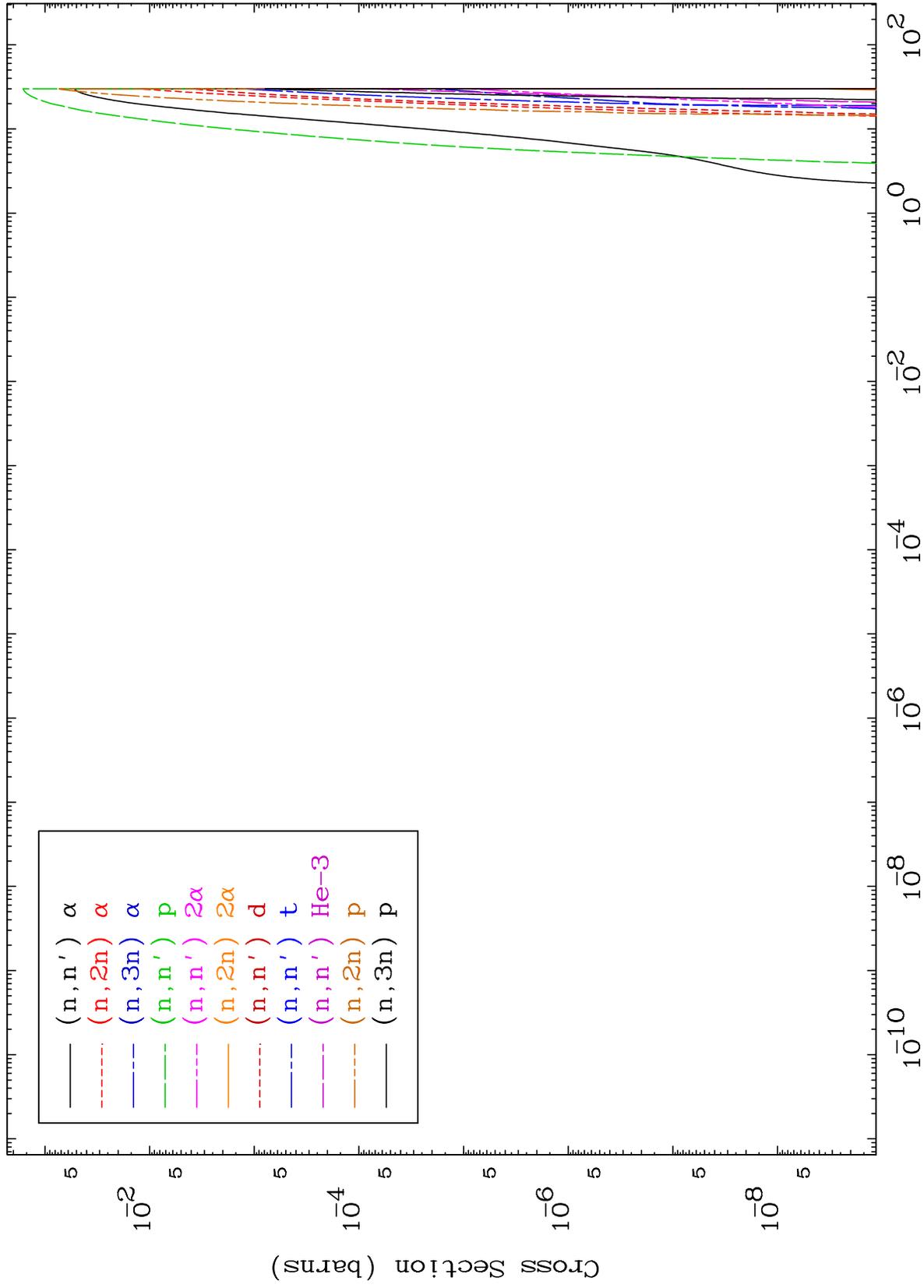
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85-At-201

MAT 8519

Charged Particle
293 Kelvin Cross Sections

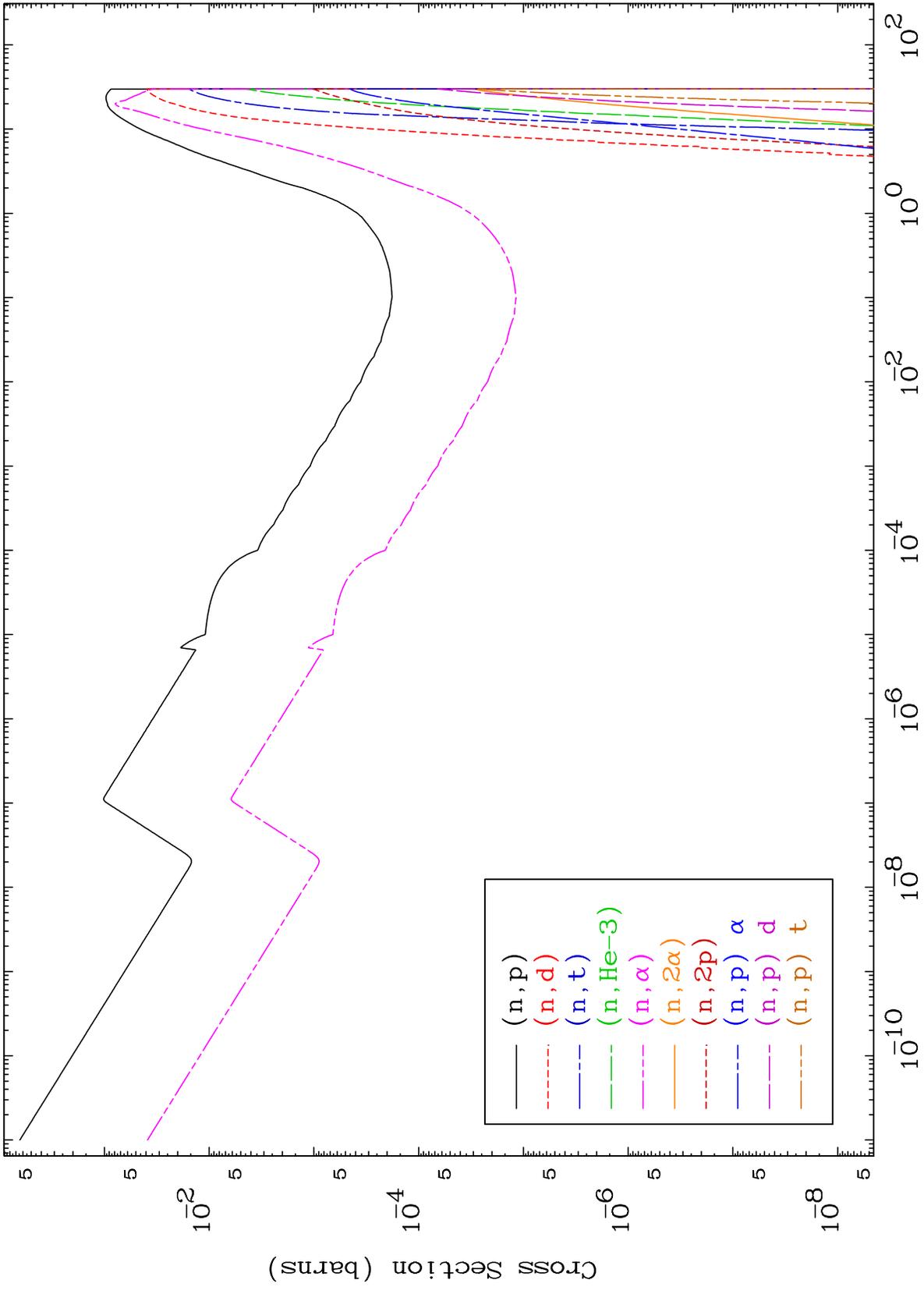
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MAT 8519

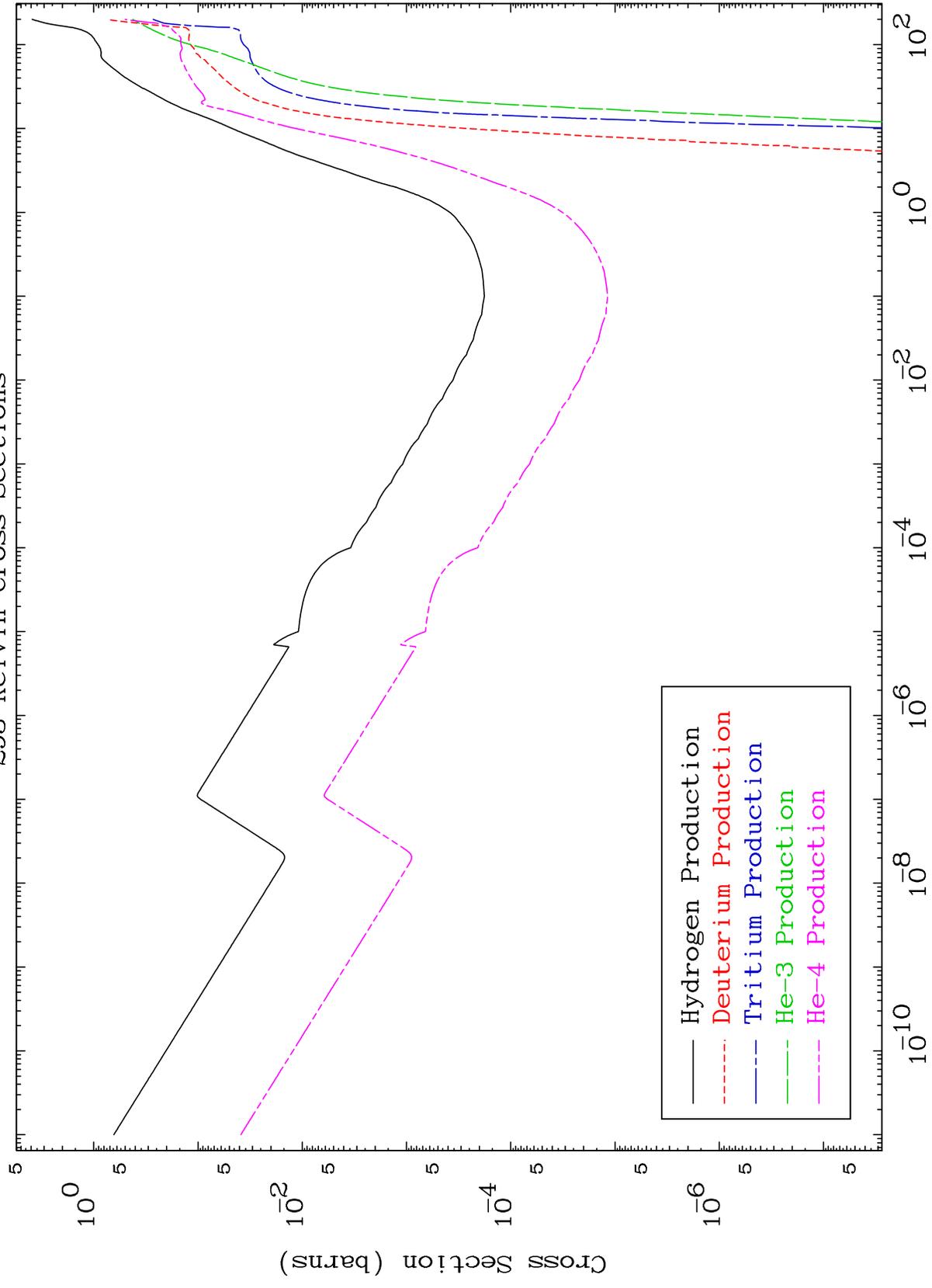
293 Kelvin Cross Sections

85-At-201



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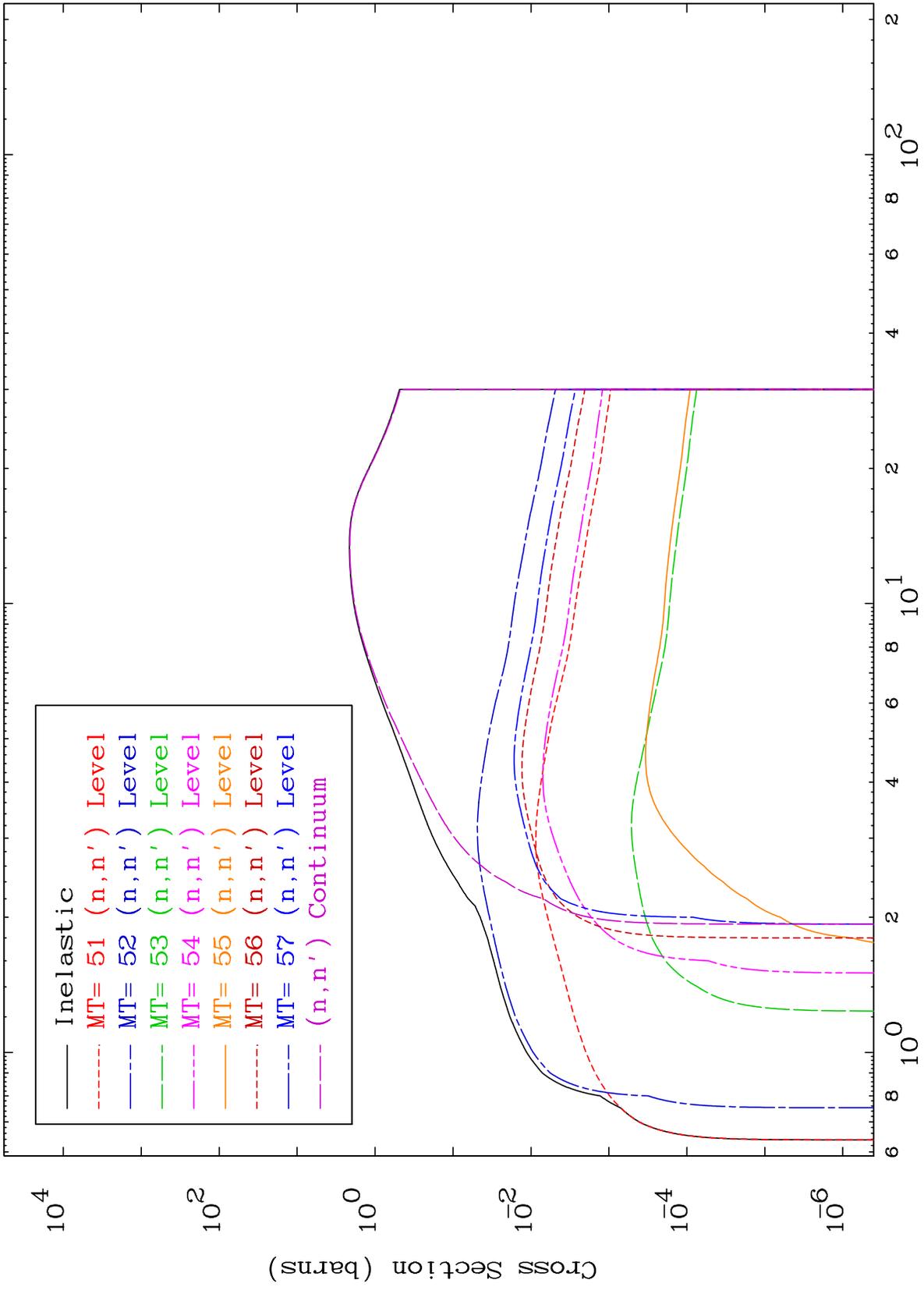
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MAT 8519

293 Kelvin Cross Sections

85-At-201



7

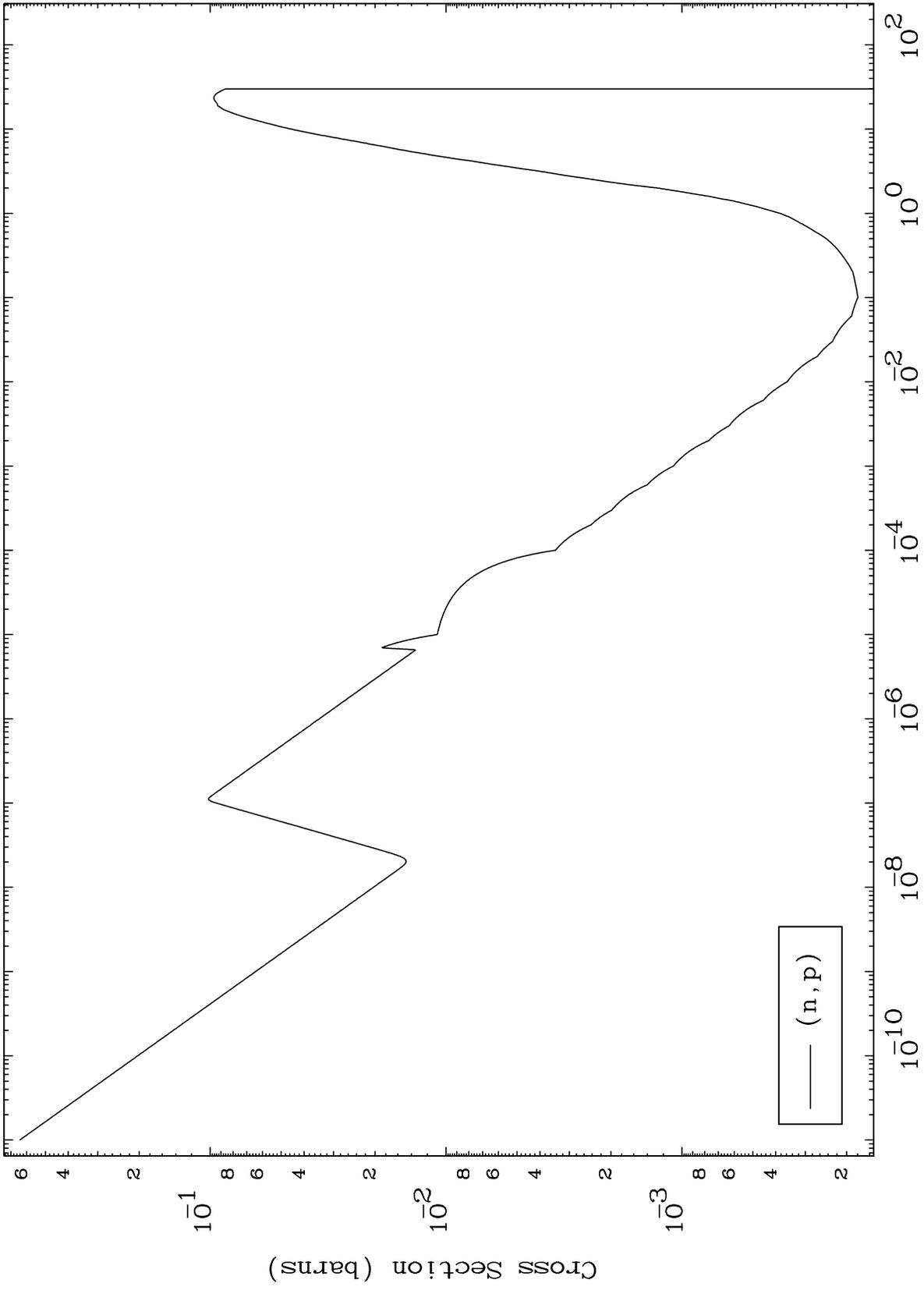
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85-At-201

MAT 8519

(n,p) Levels
293 Kelvin Cross Sections

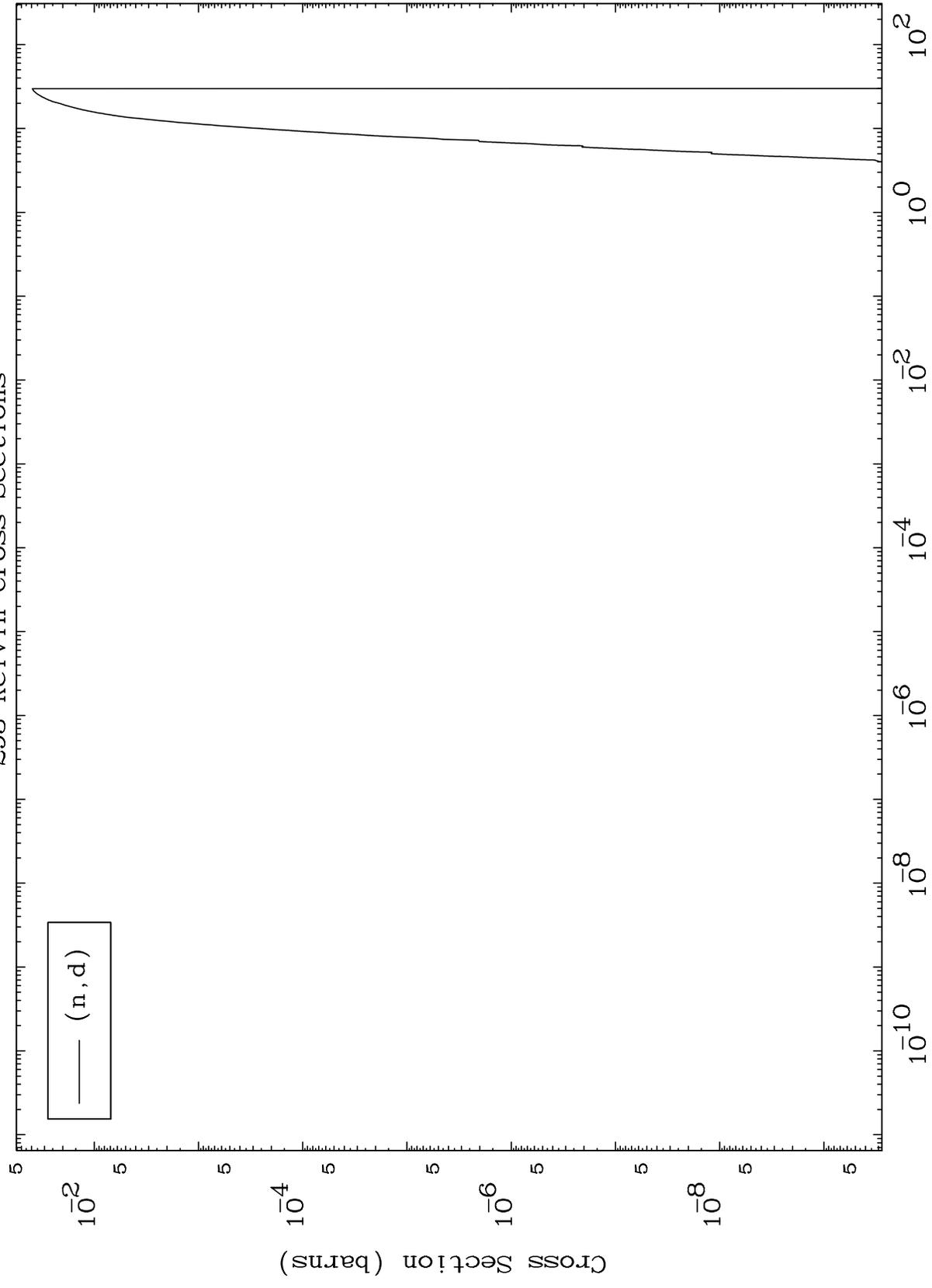
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MAT 8519

(n,d) Levels
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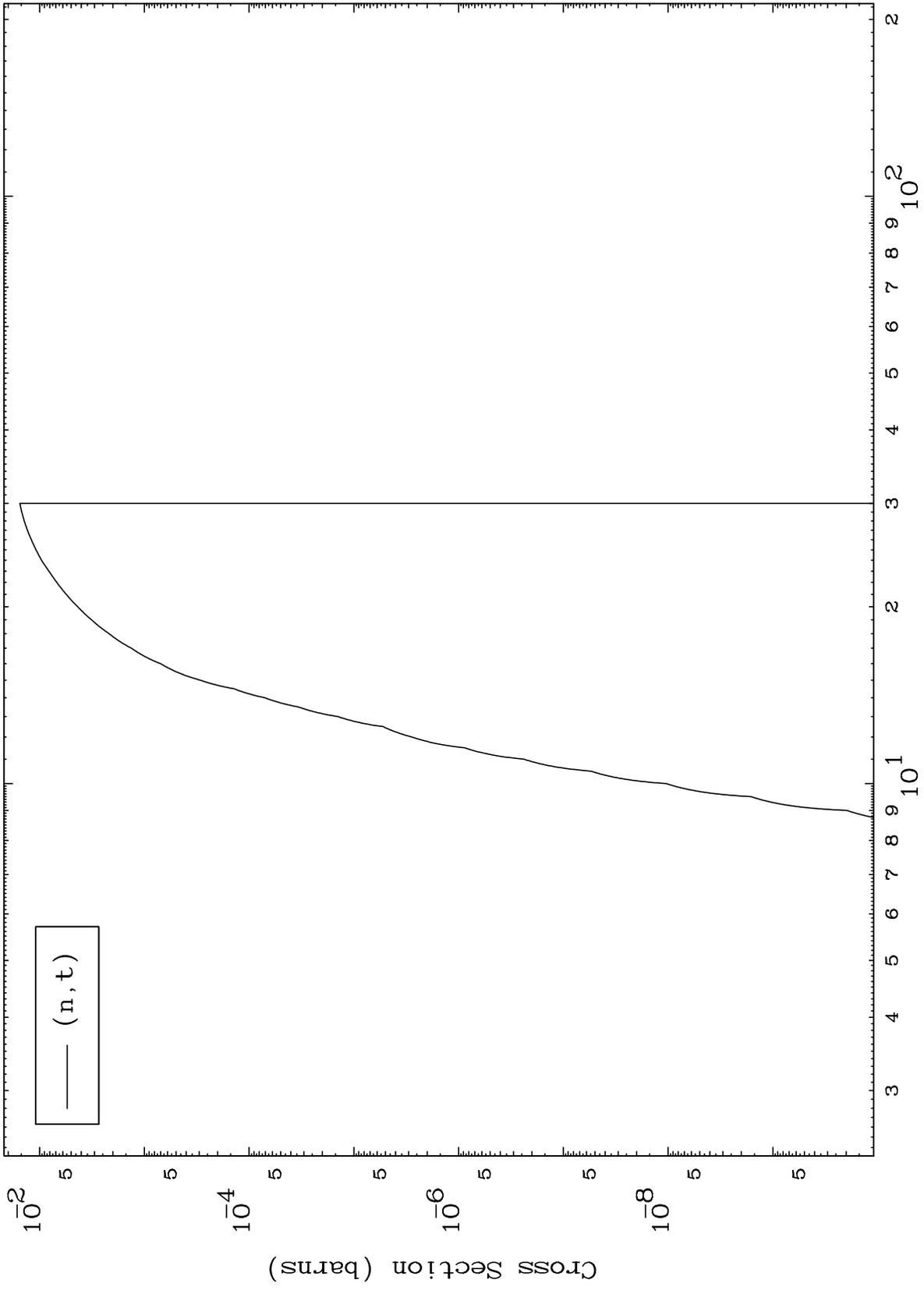
85-At-201



MAT 8519

(n,t) Levels
293 Kelvin Cross Sections

85-At-201



10

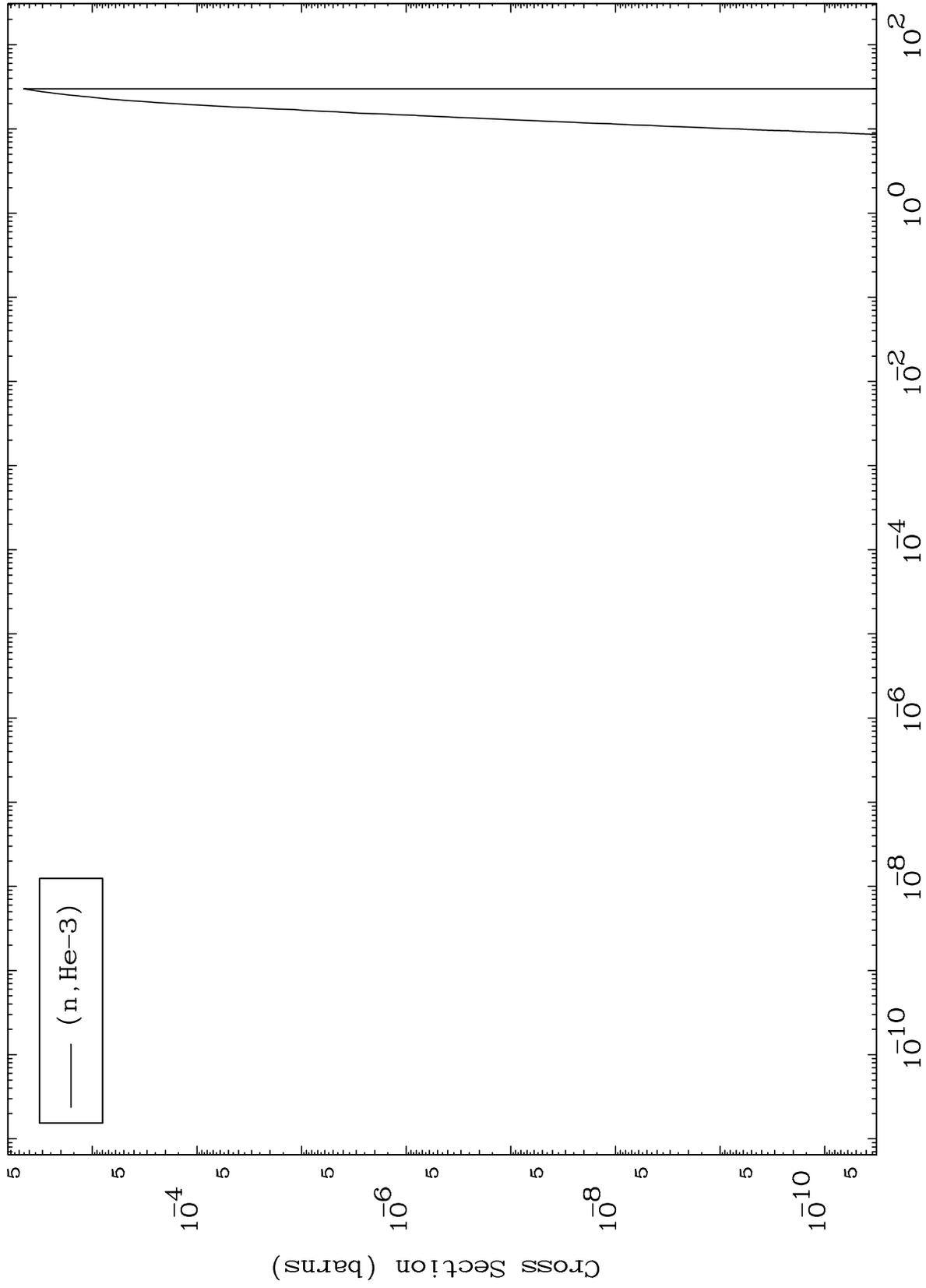
Incident Energy (MeV)

85-At-201

MAT 8519

(n,He3) Levels
293 Kelvin Cross Sections

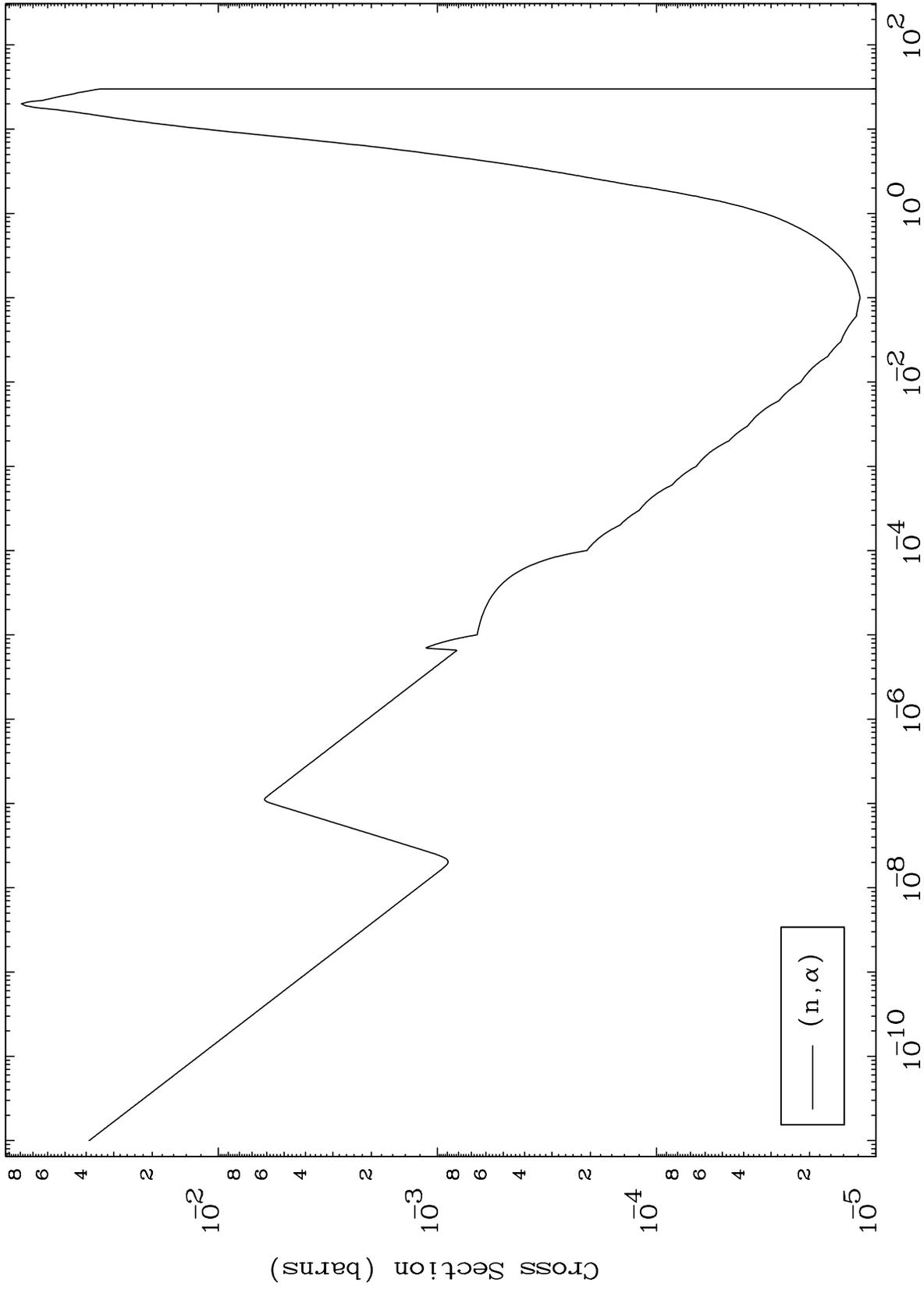
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MAT 8519

(n,α) Levels
293 Kelvin Cross Sections

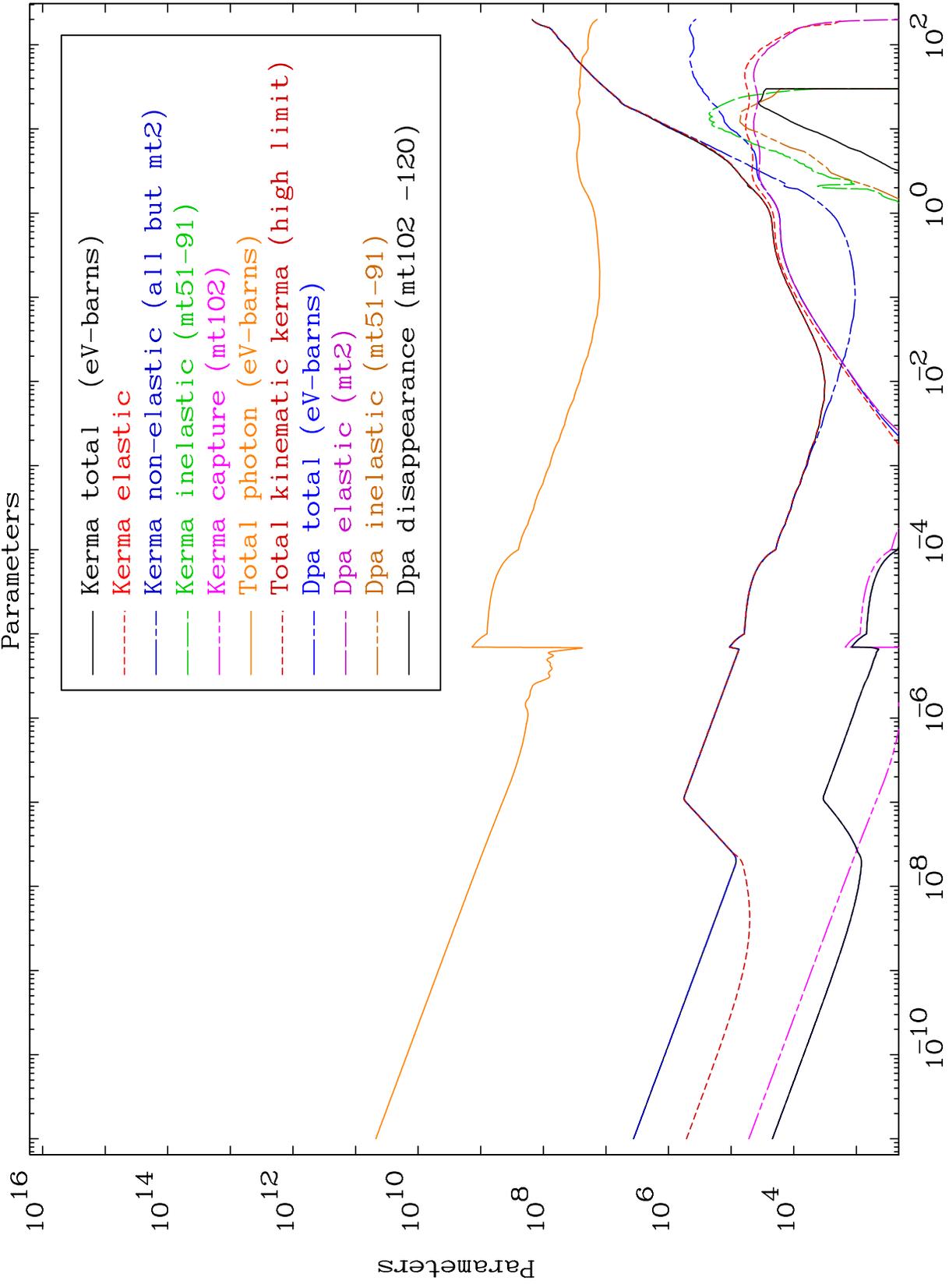
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12

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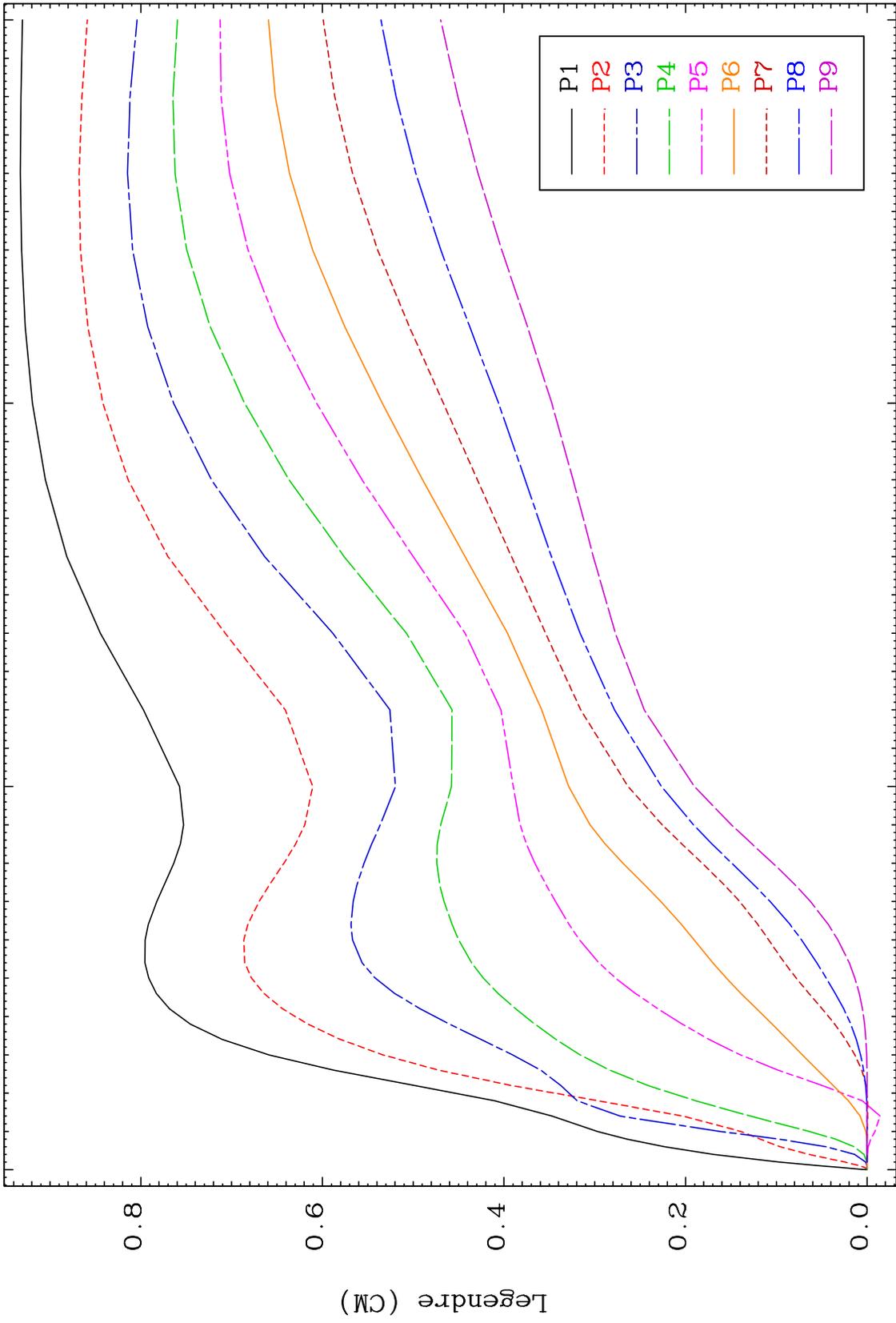
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MAT 8519

85-At-201

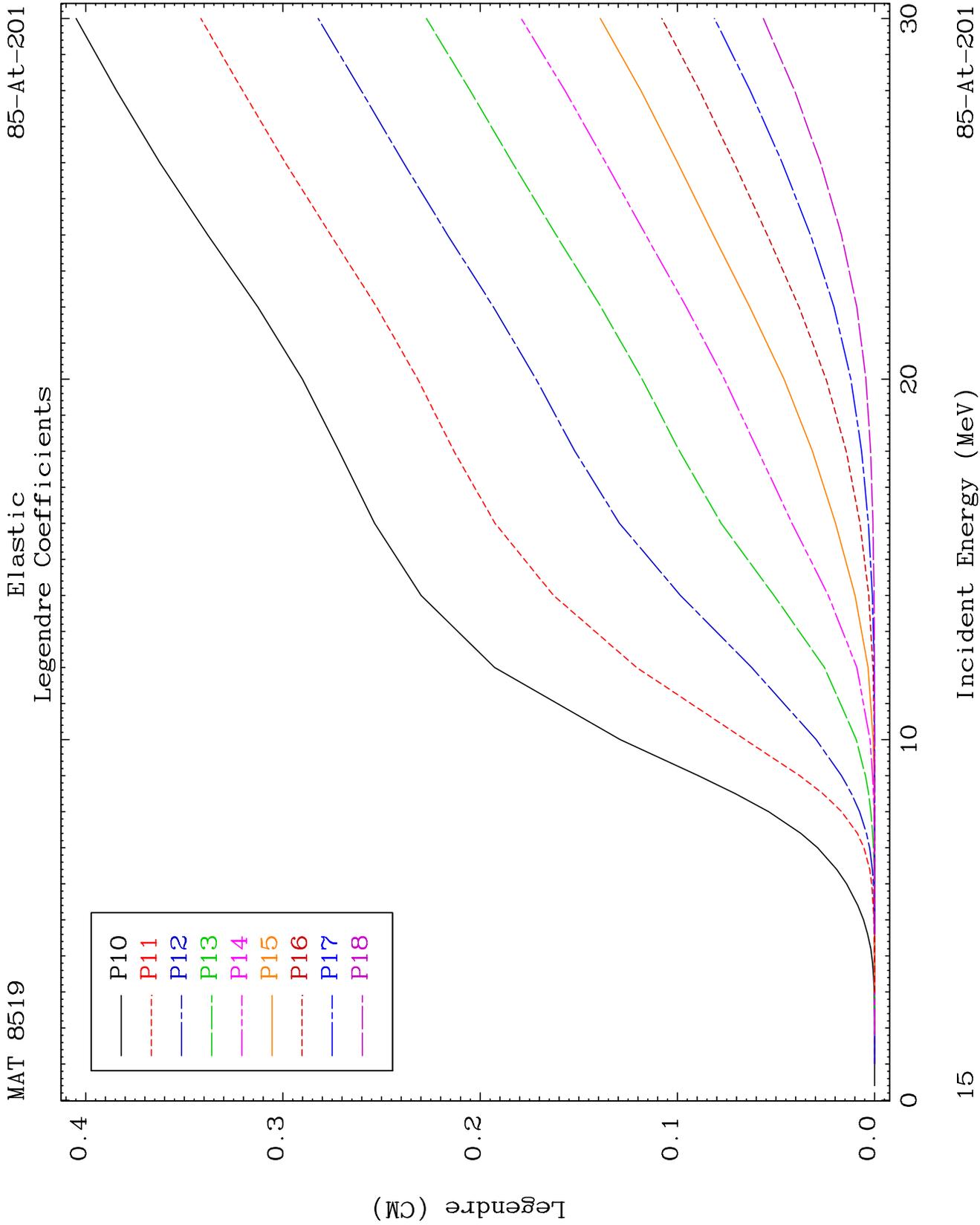
Elastic Legendre Coefficients



14

Incident Energy (MeV)

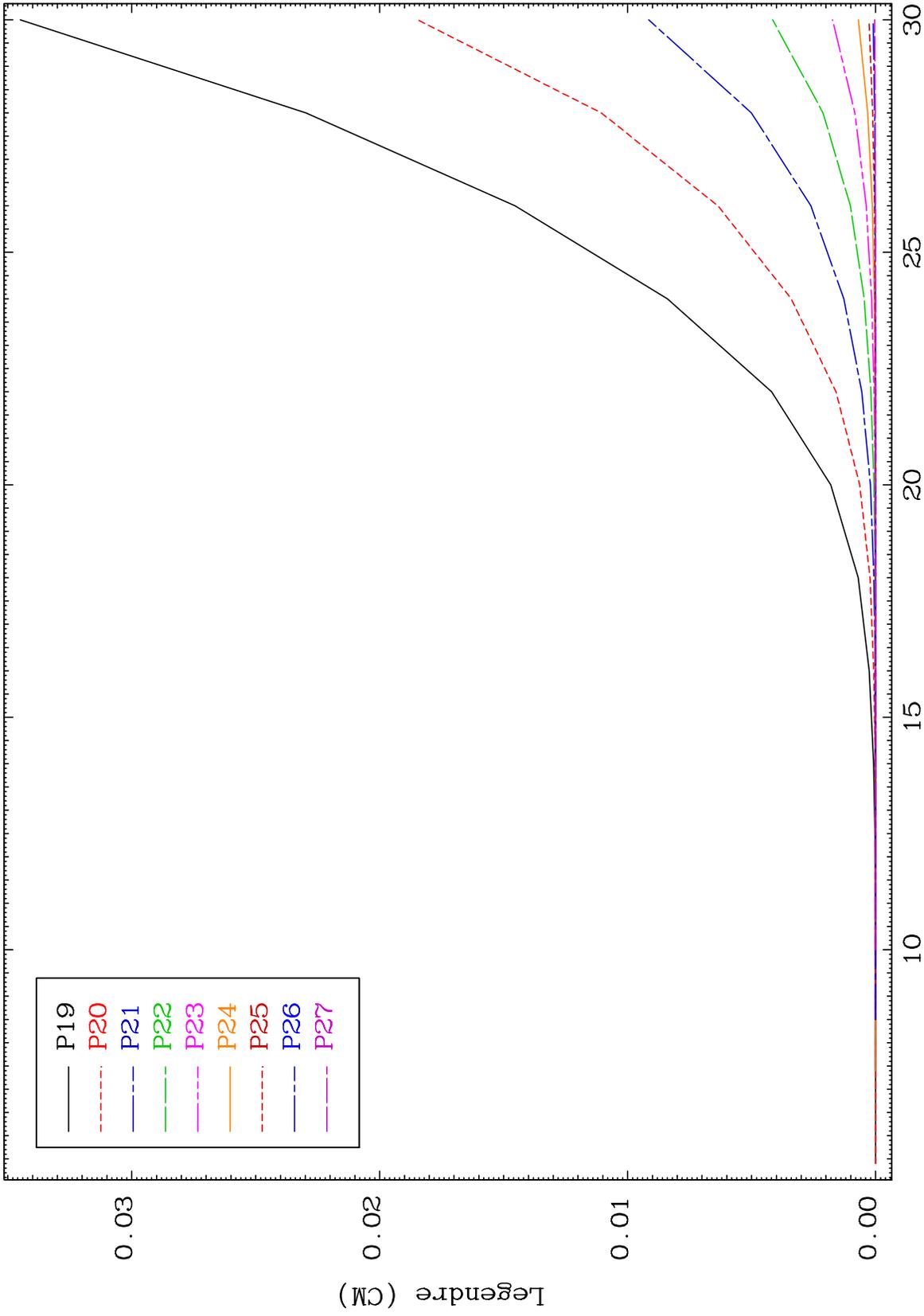
85-At-201



MAT 8519

Elastic Legendre Coefficients

85-At-201



16

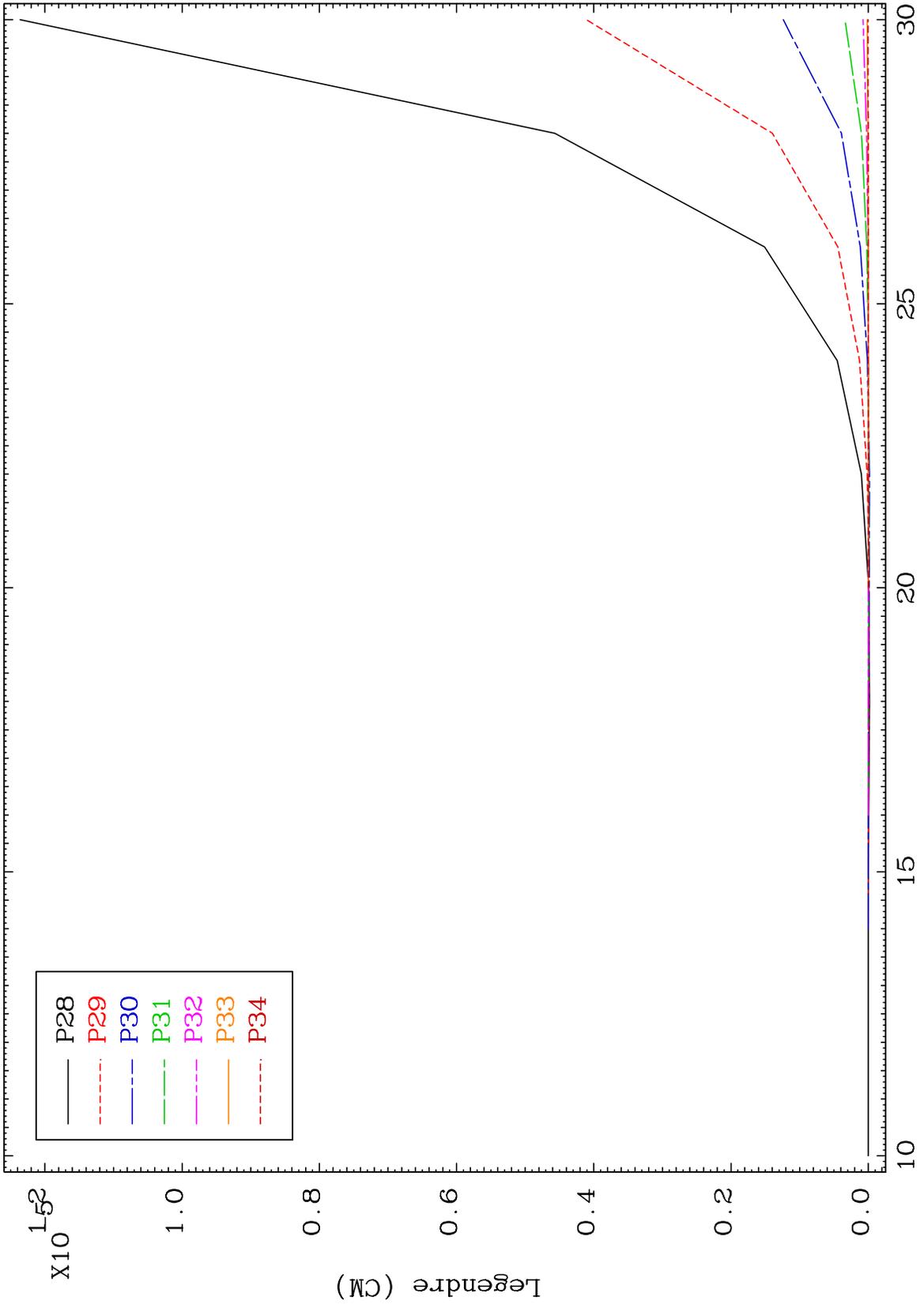
Incident Energy (MeV)

85-At-201

MAT 8519

Elastic Legendre Coefficients

85-At-201

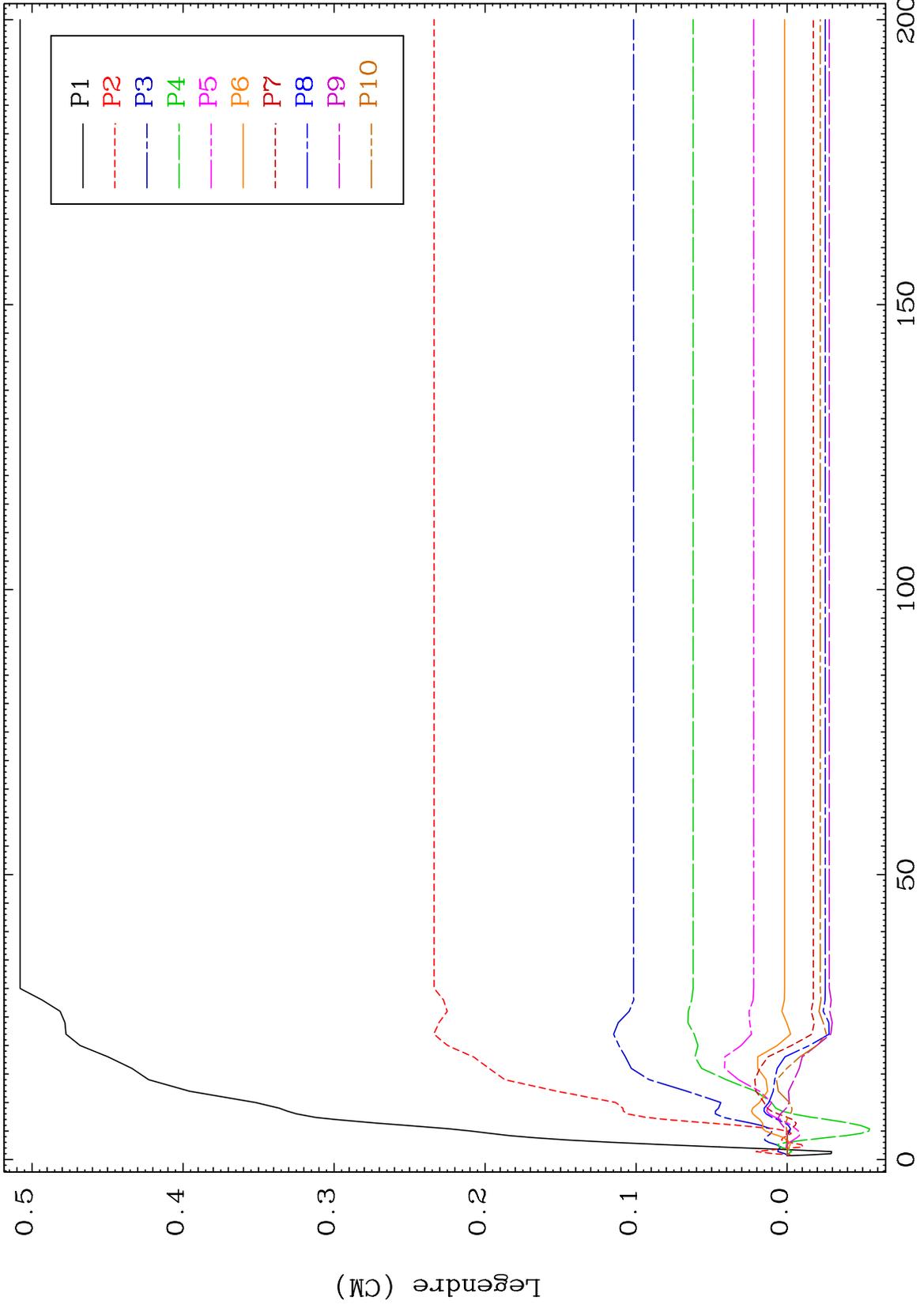


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Incident Energy (MeV)

85-At-201

MAT 8519 MT= 51 (n,n') Level Legendre Coefficients 85-At-201

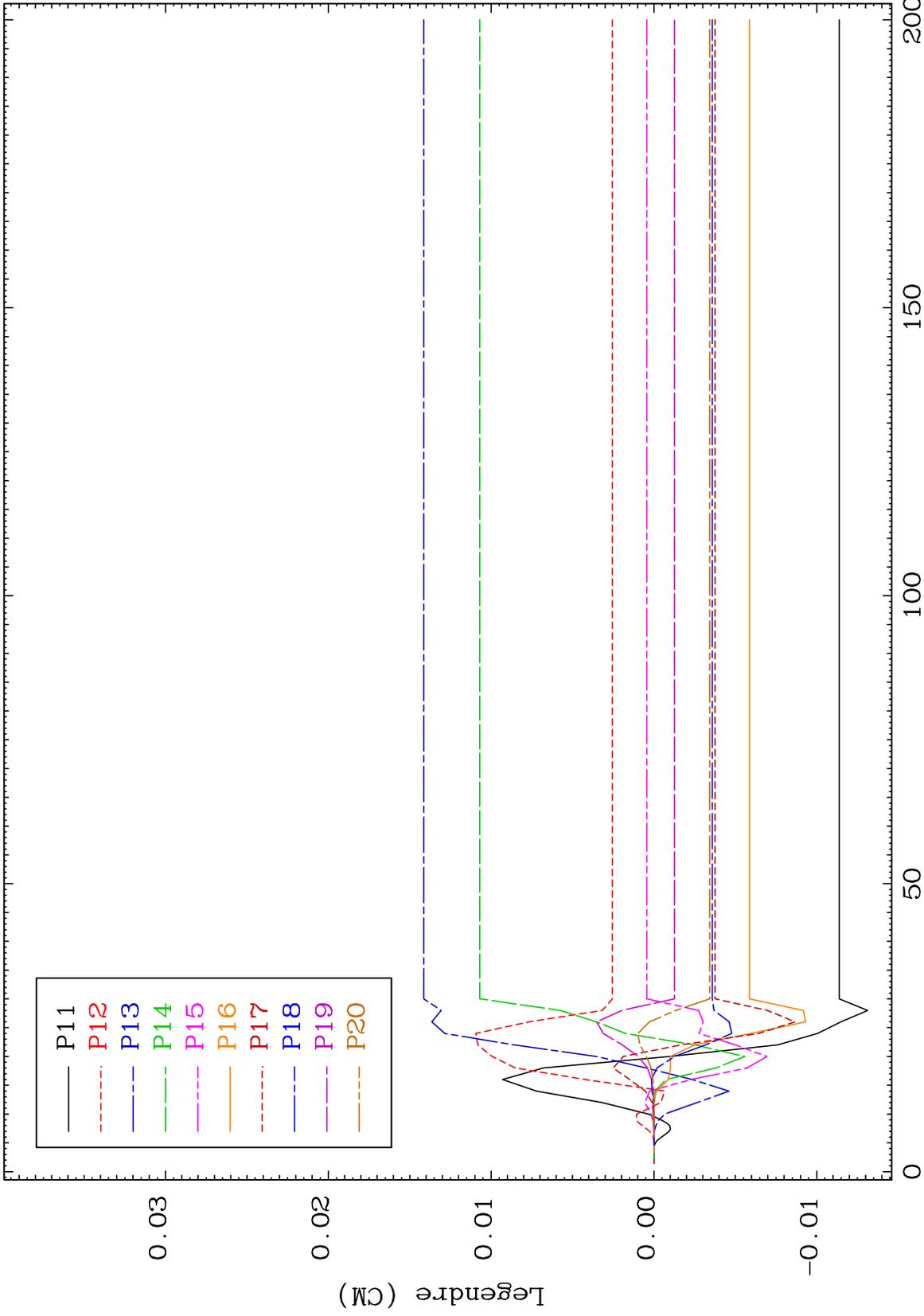


18 85-At-201

MAT 8519

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

85-At-201

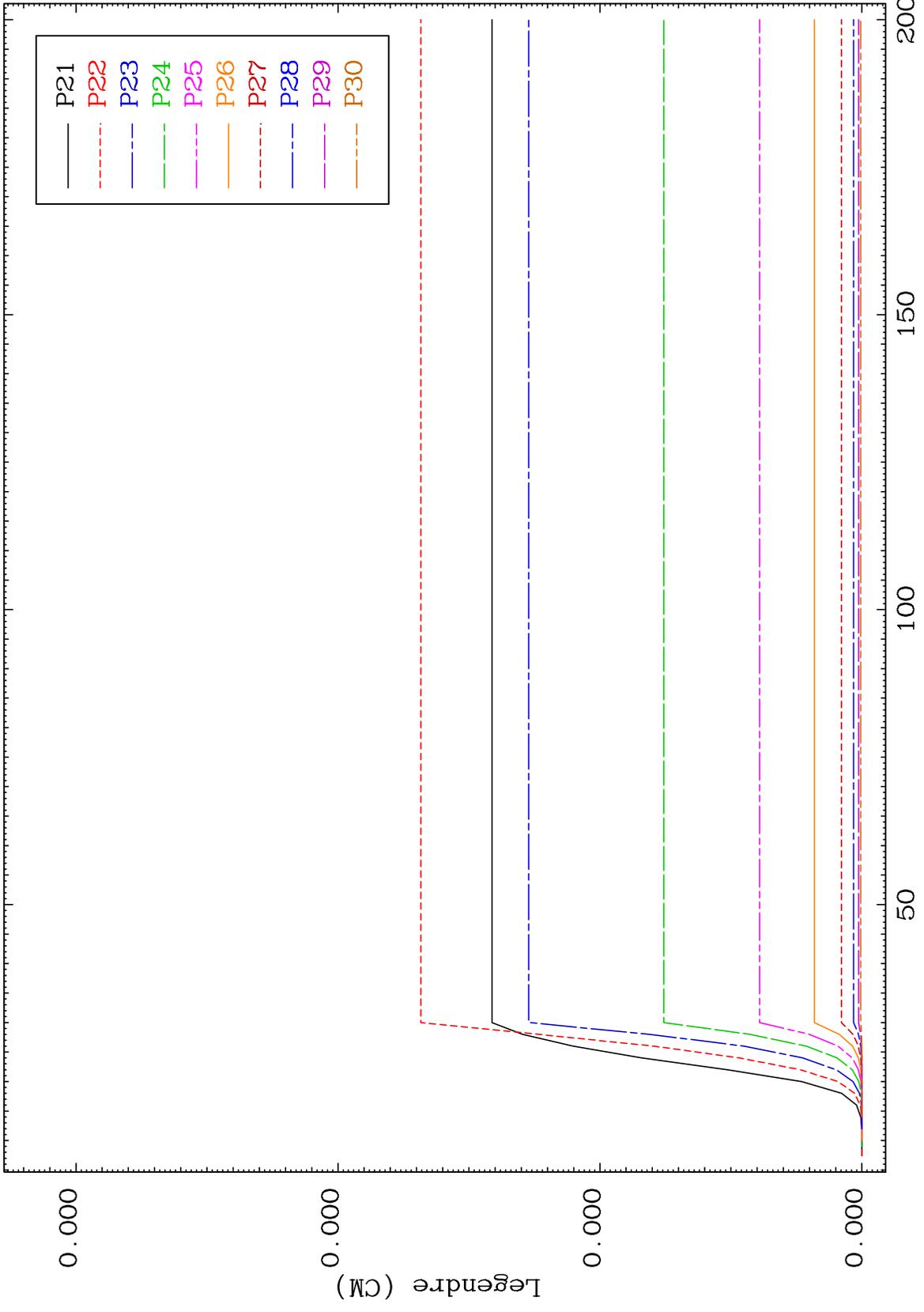


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Incident Energy (MeV)

85-At-201

MAT 8519 MT= 51 (n,n') Level Legendre Coefficients 85-At-201

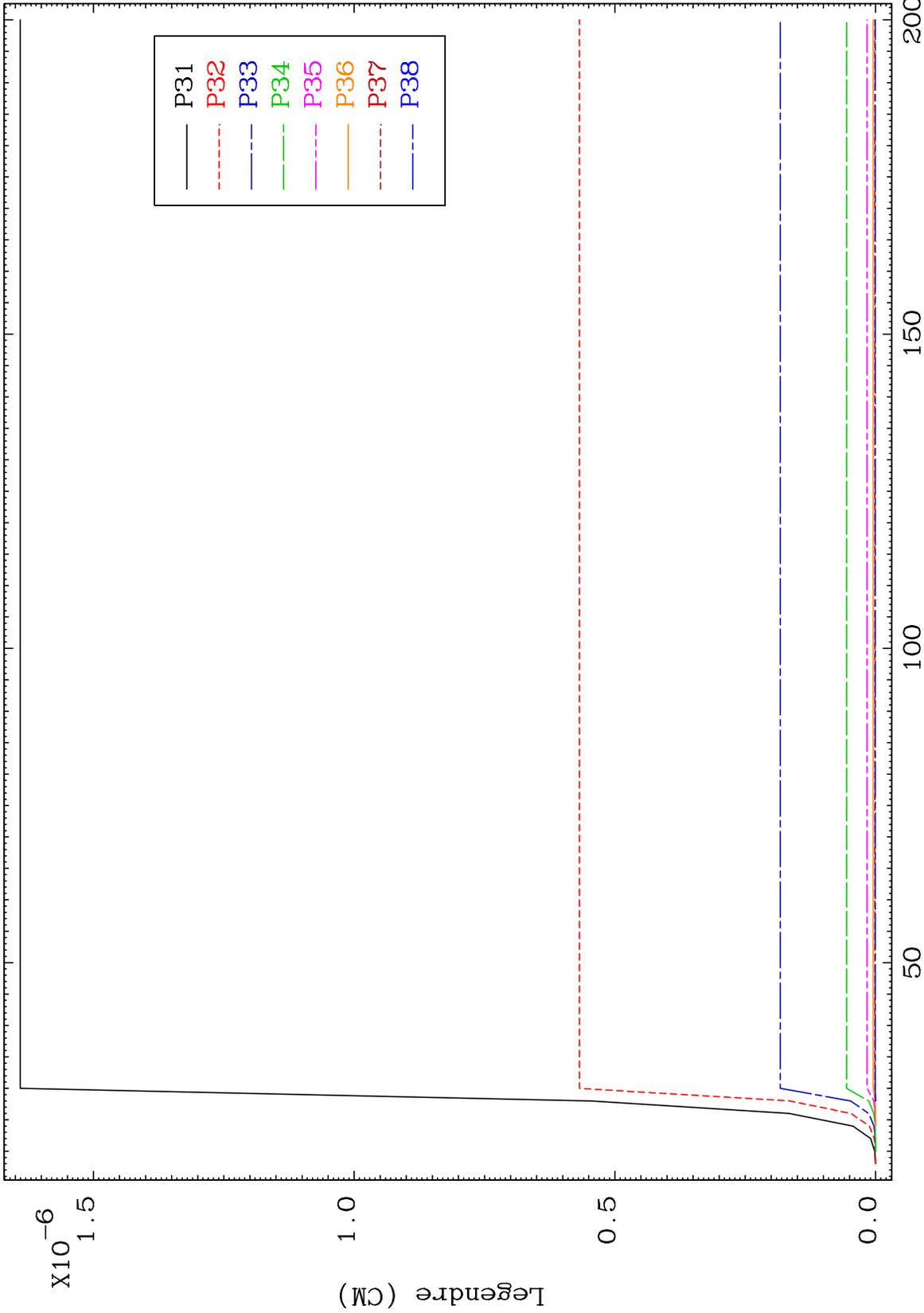


Incident Energy (MeV) 85-At-201

MAT 8519

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

85-At-201



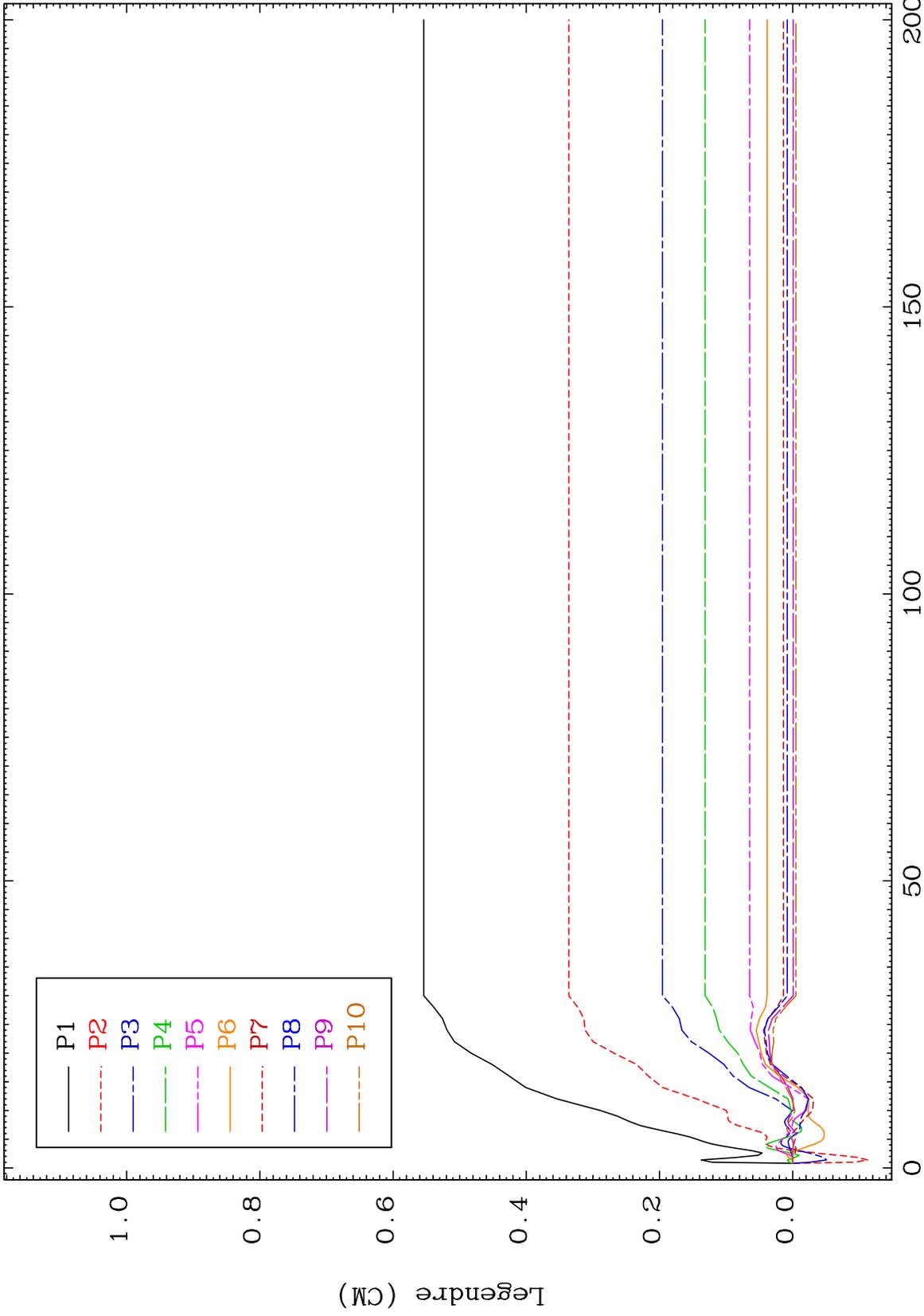
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85-At-201

MAT 8519

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

85-At-201



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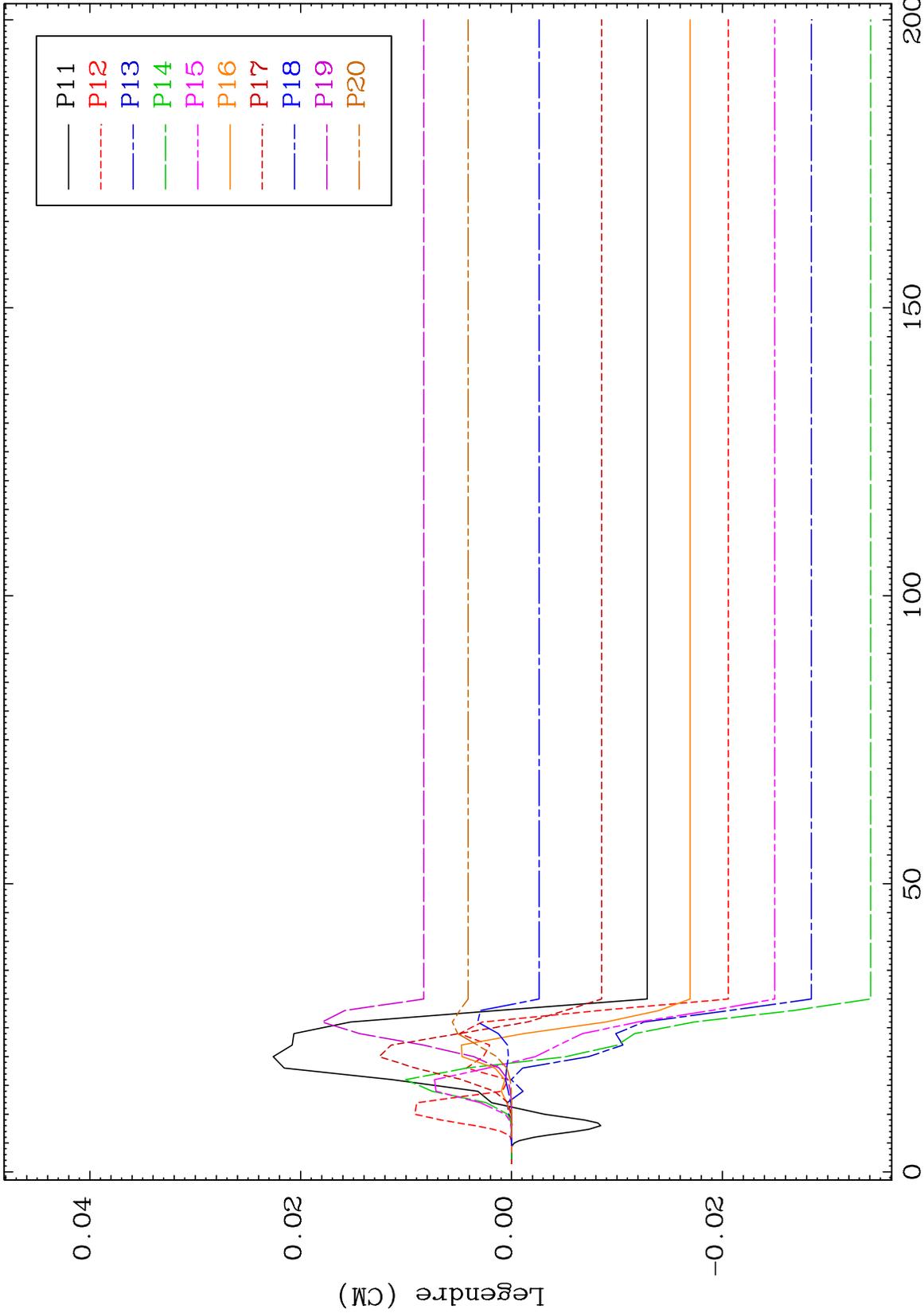
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



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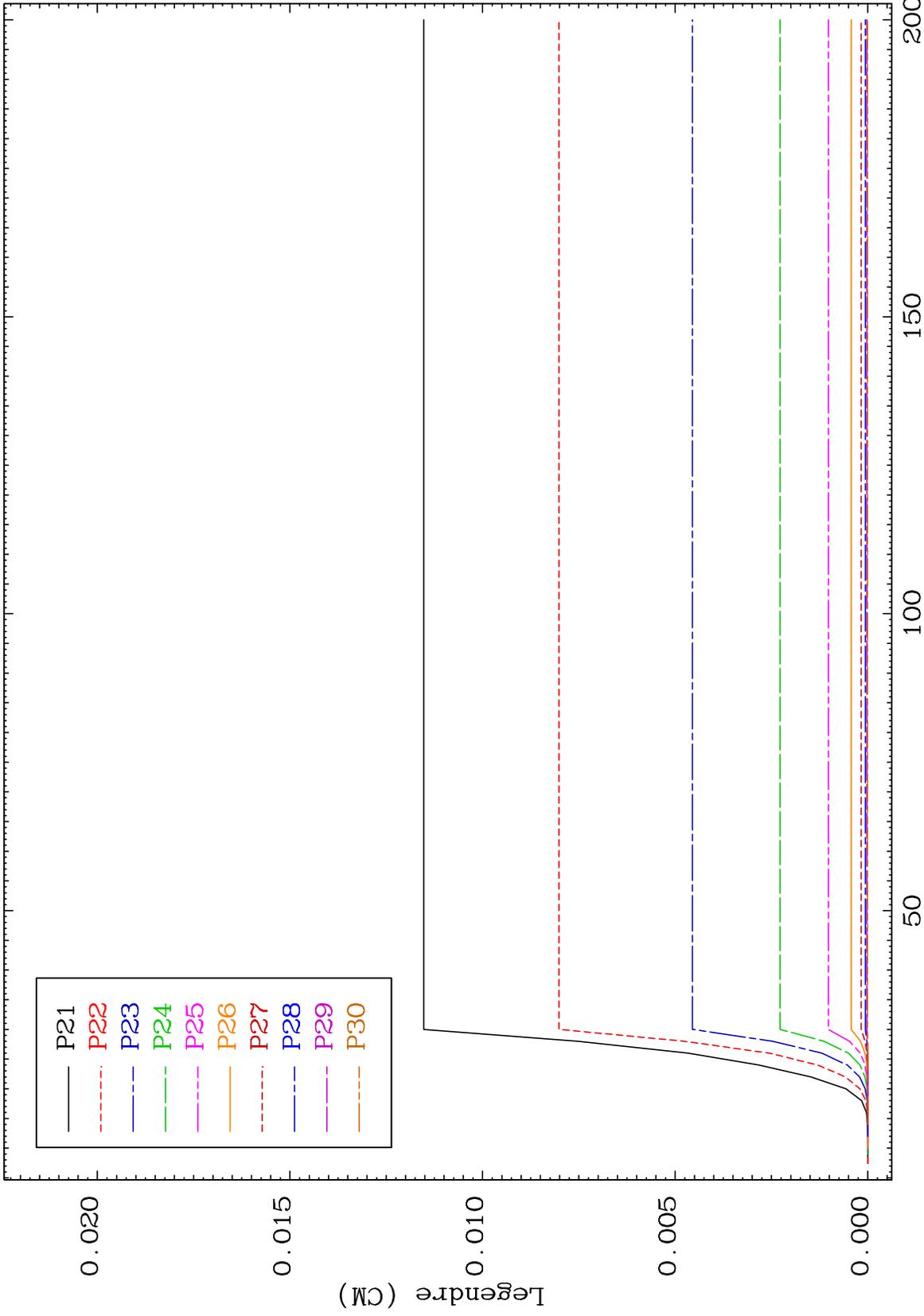
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



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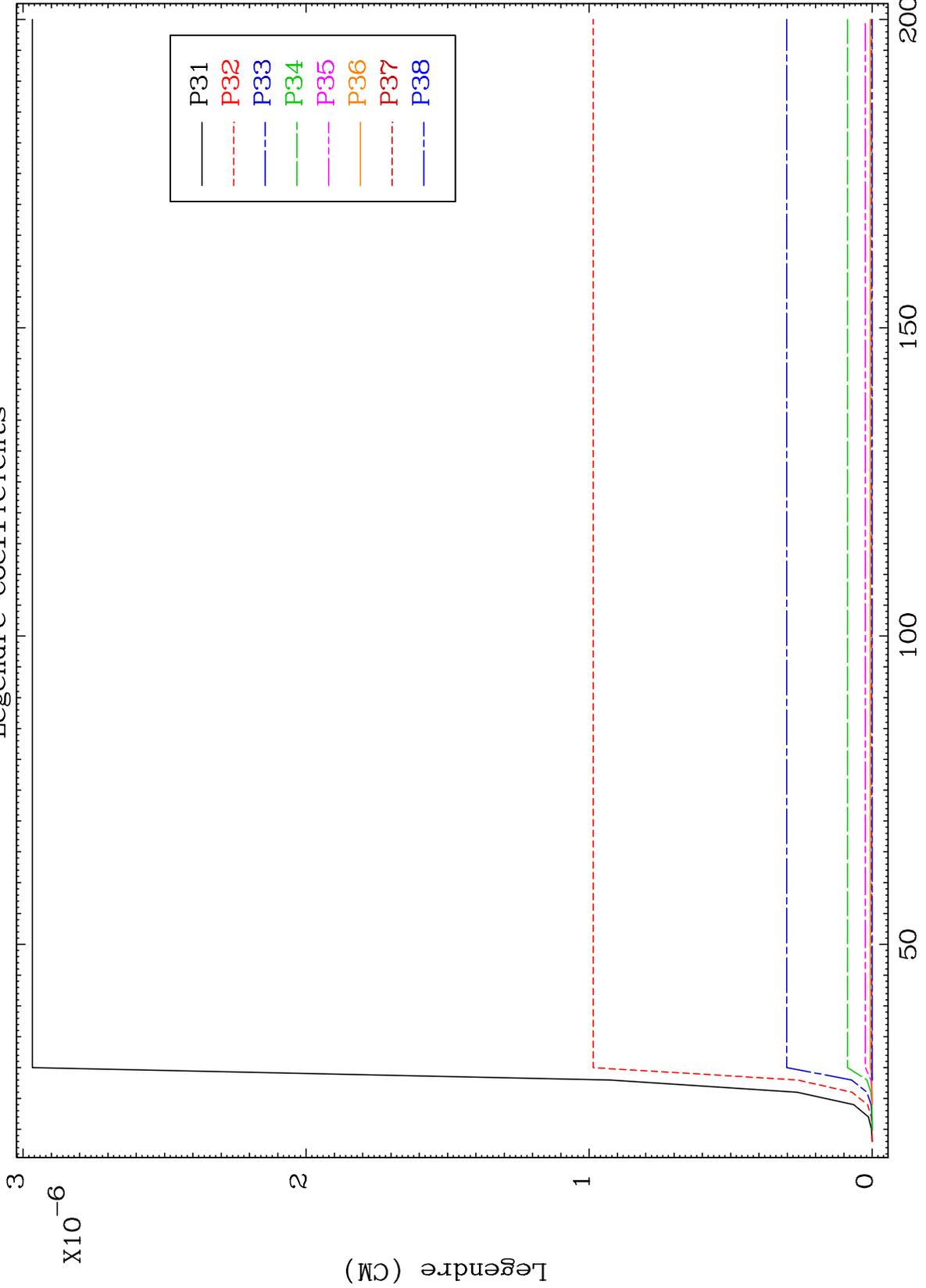
Incident Energy (MeV)

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MAT 8519

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

85-At-201



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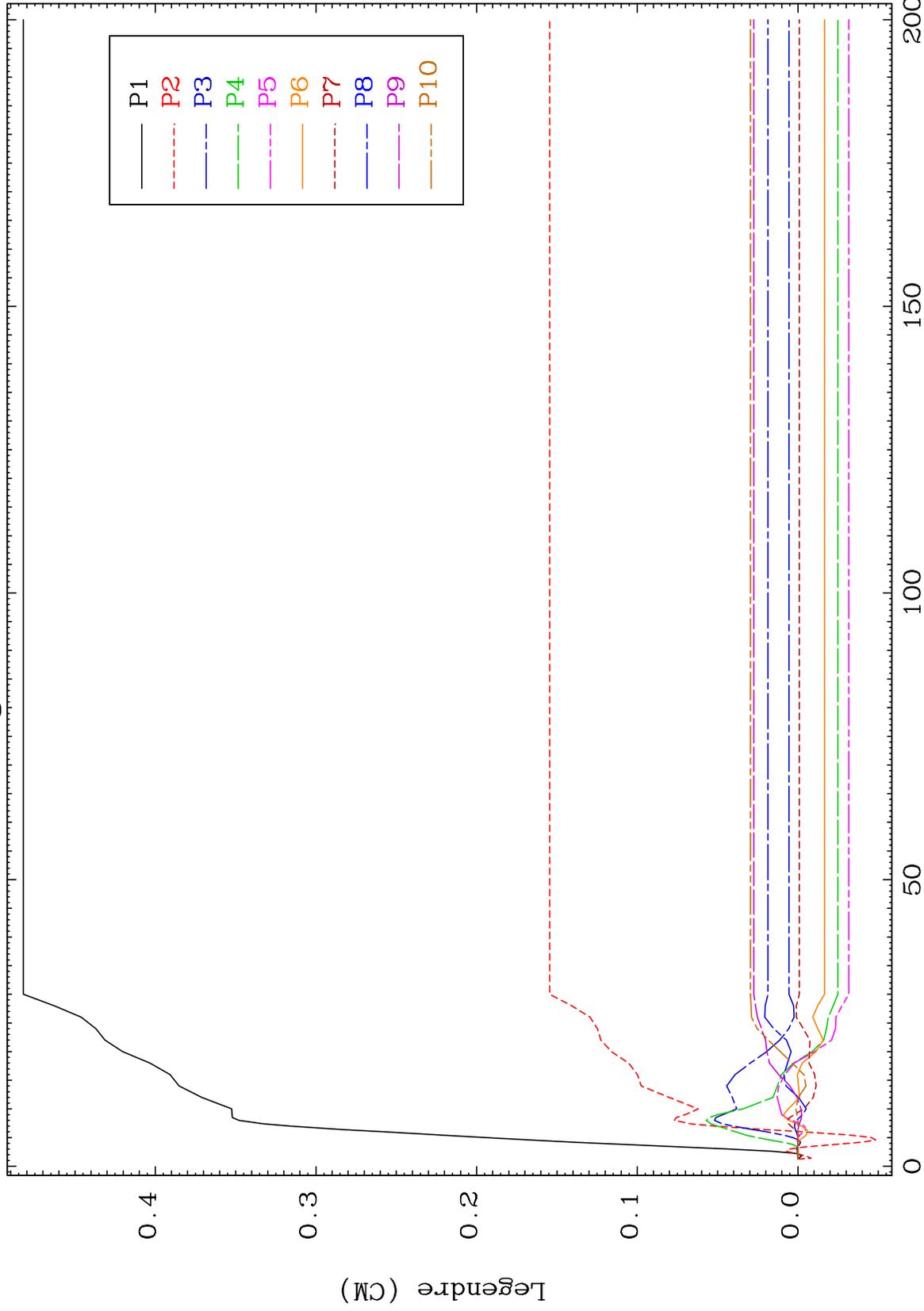
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



26

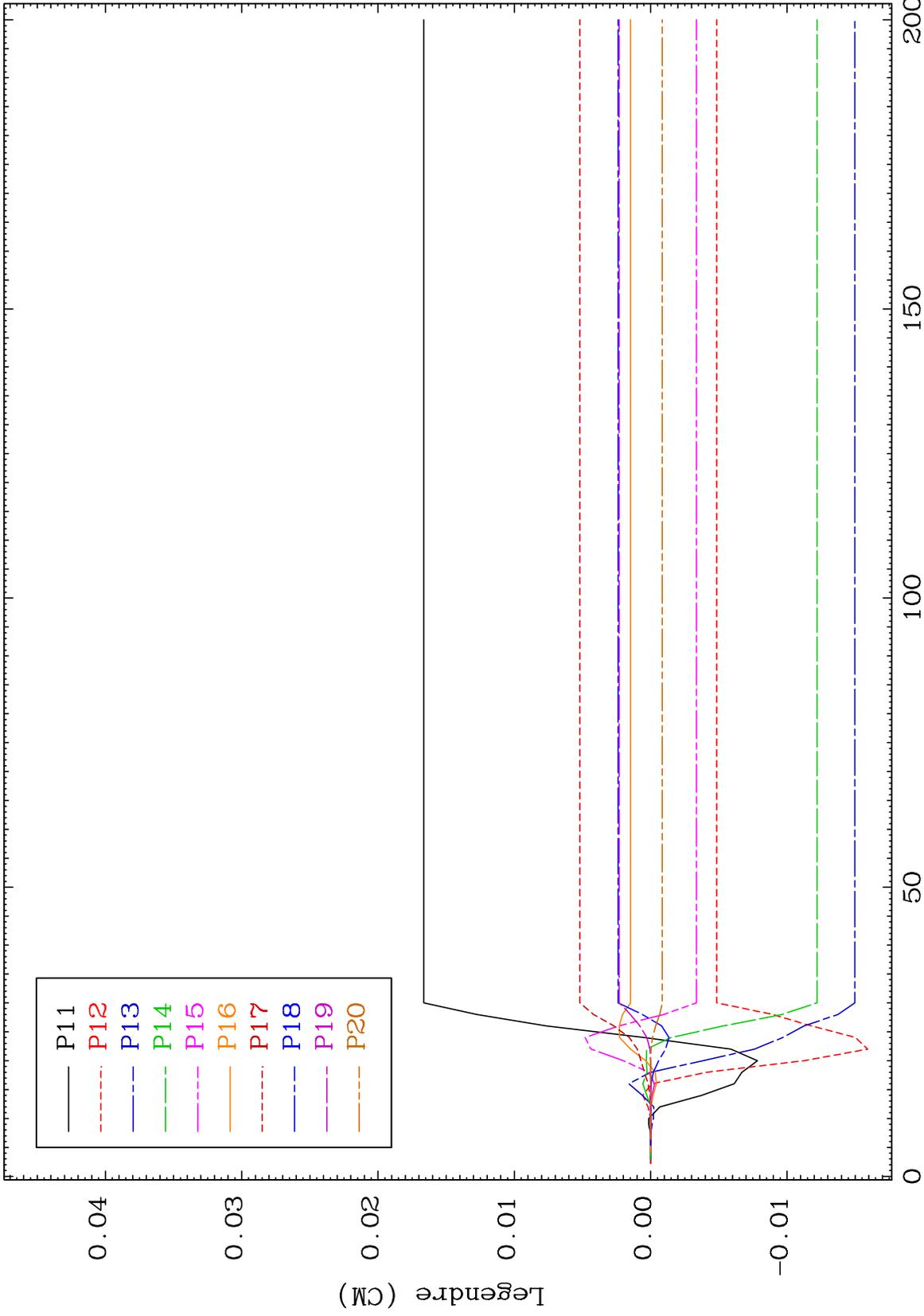
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85-At-201

MAT 8519

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

85-At-201



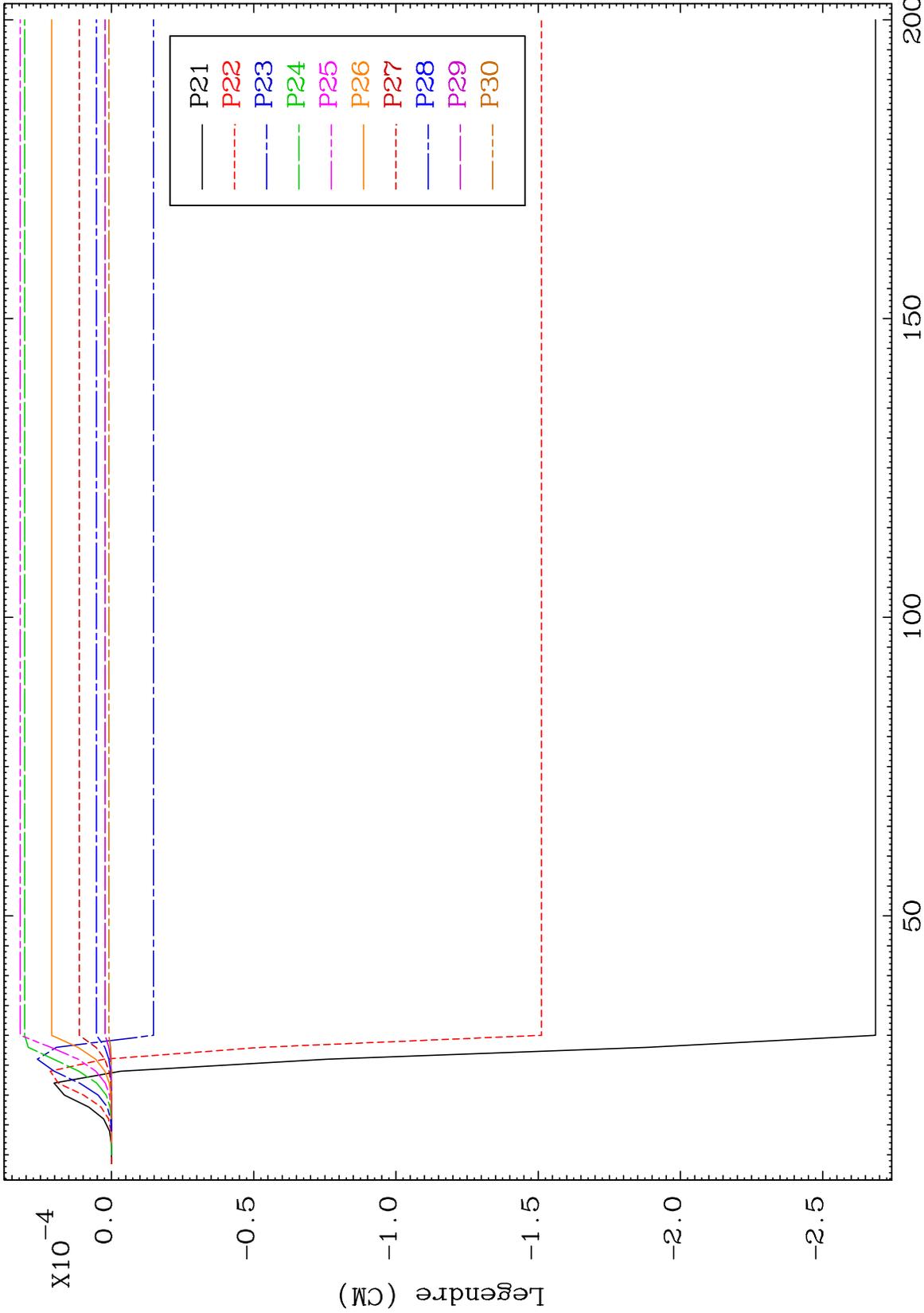
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MAT 8519

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

85-At-201



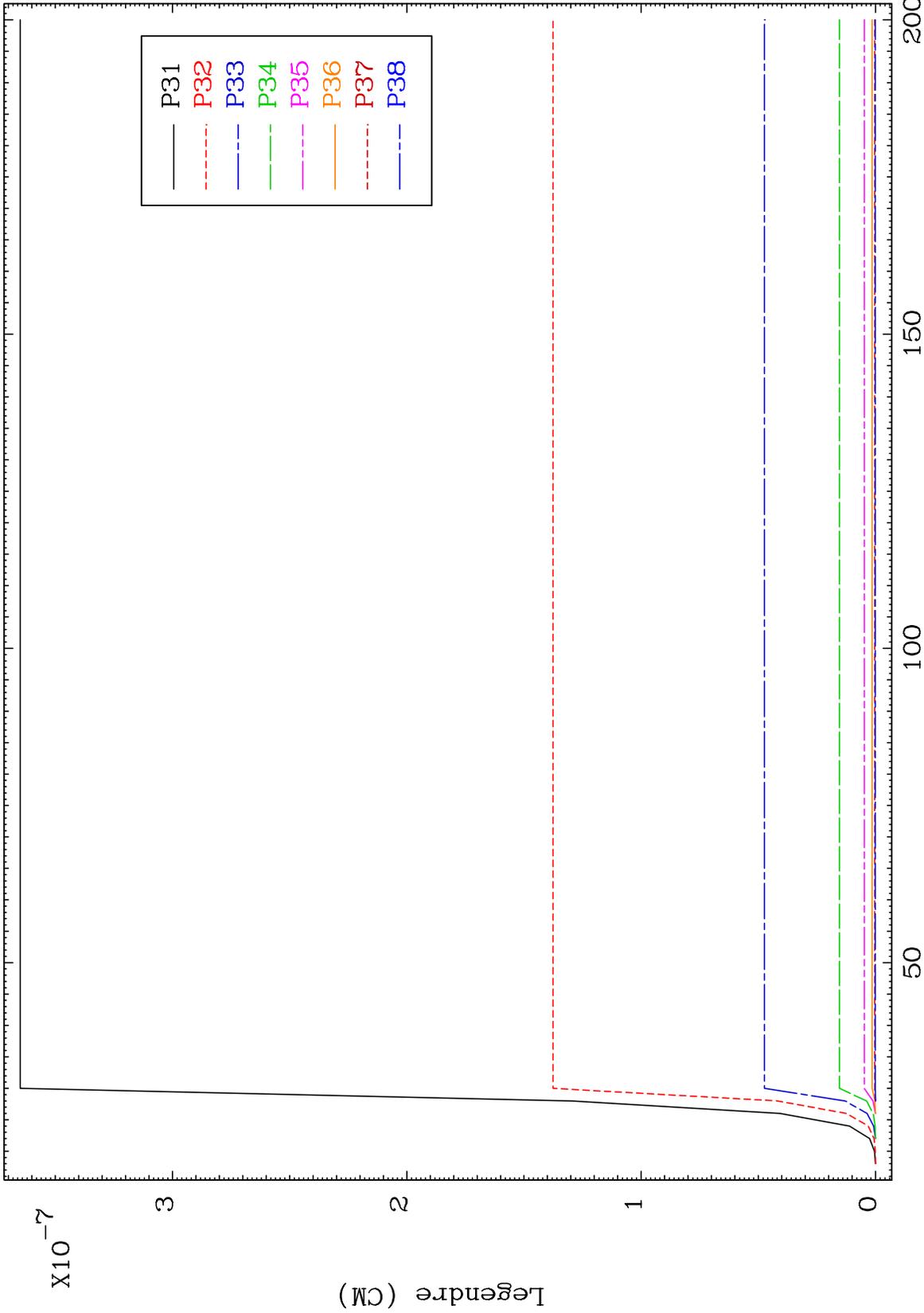
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MAT 8519

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

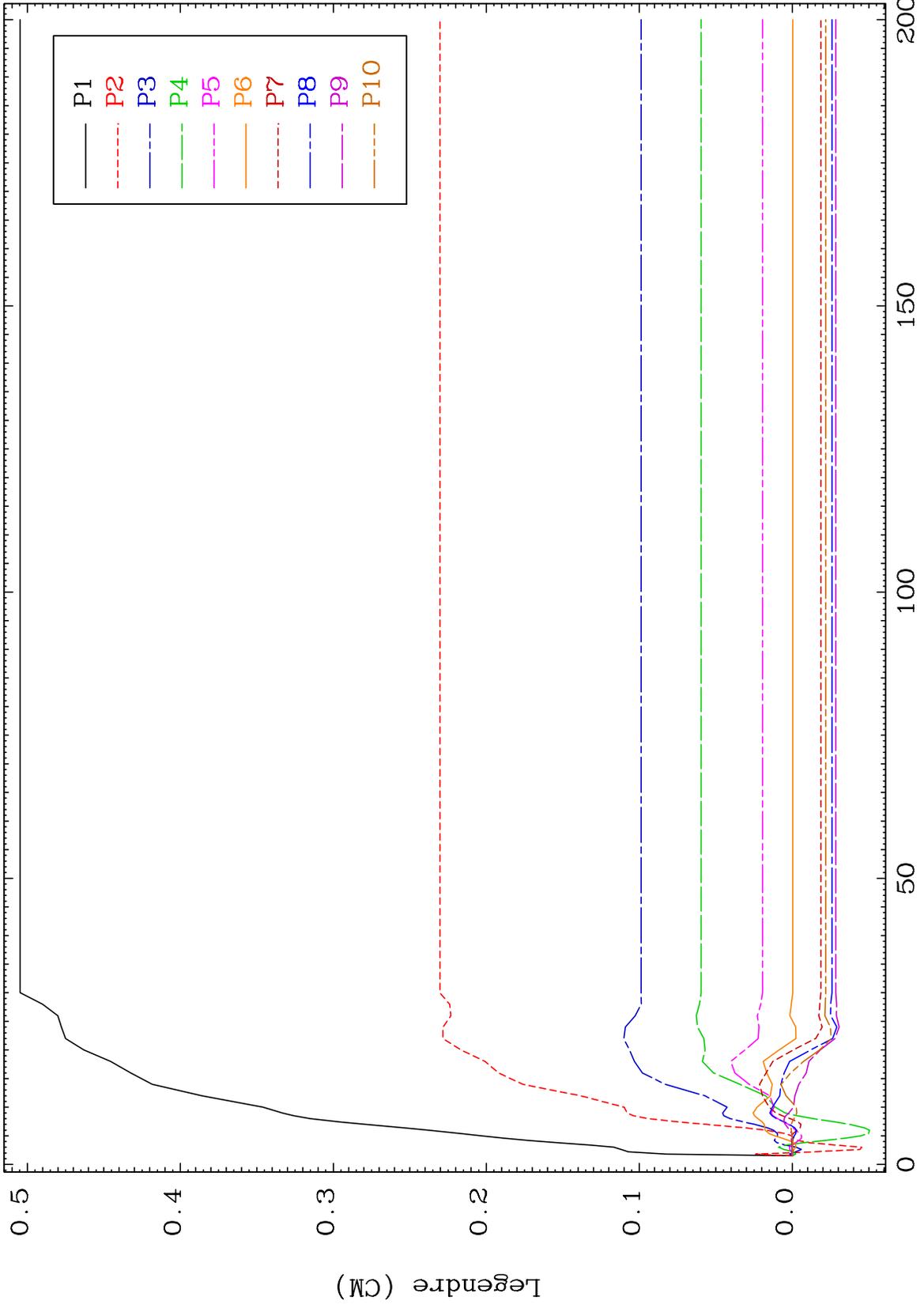
85-At-201



29

85-At-201

MAT 8519 MT= 54 (n,n') Level Legendre Coefficients 85-At-201

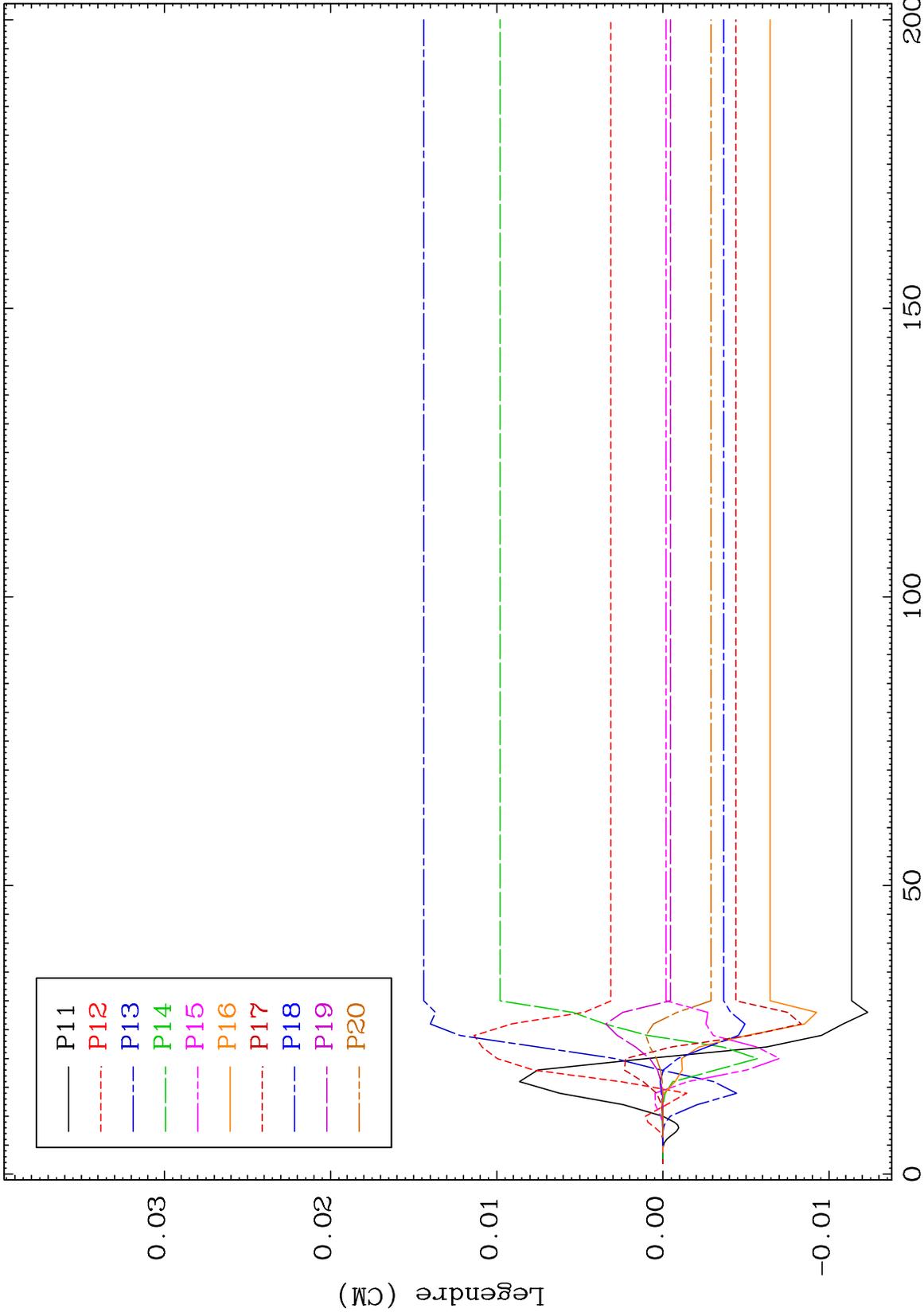


85-At-201

MAT 8519

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

85-At-201



31

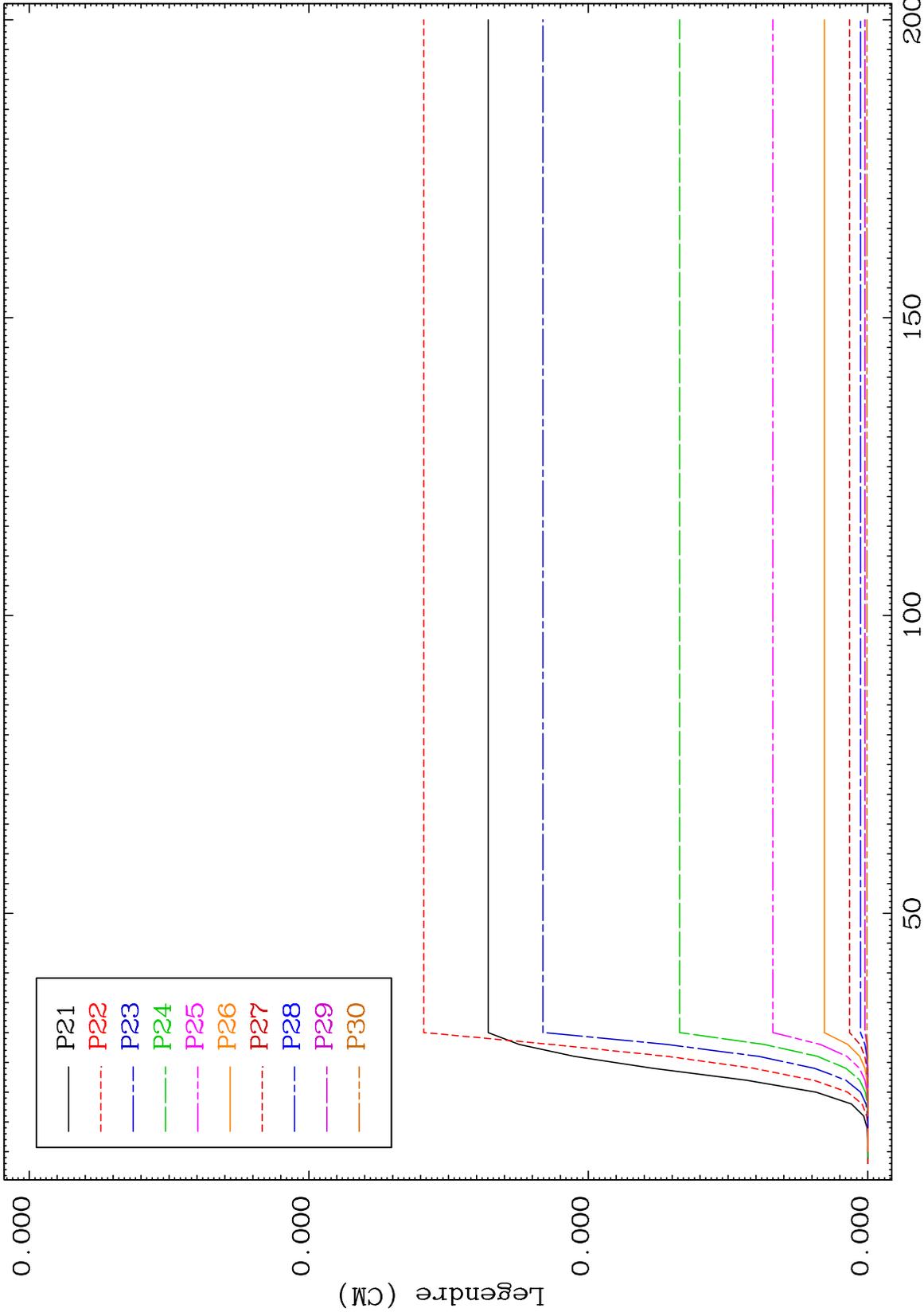
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



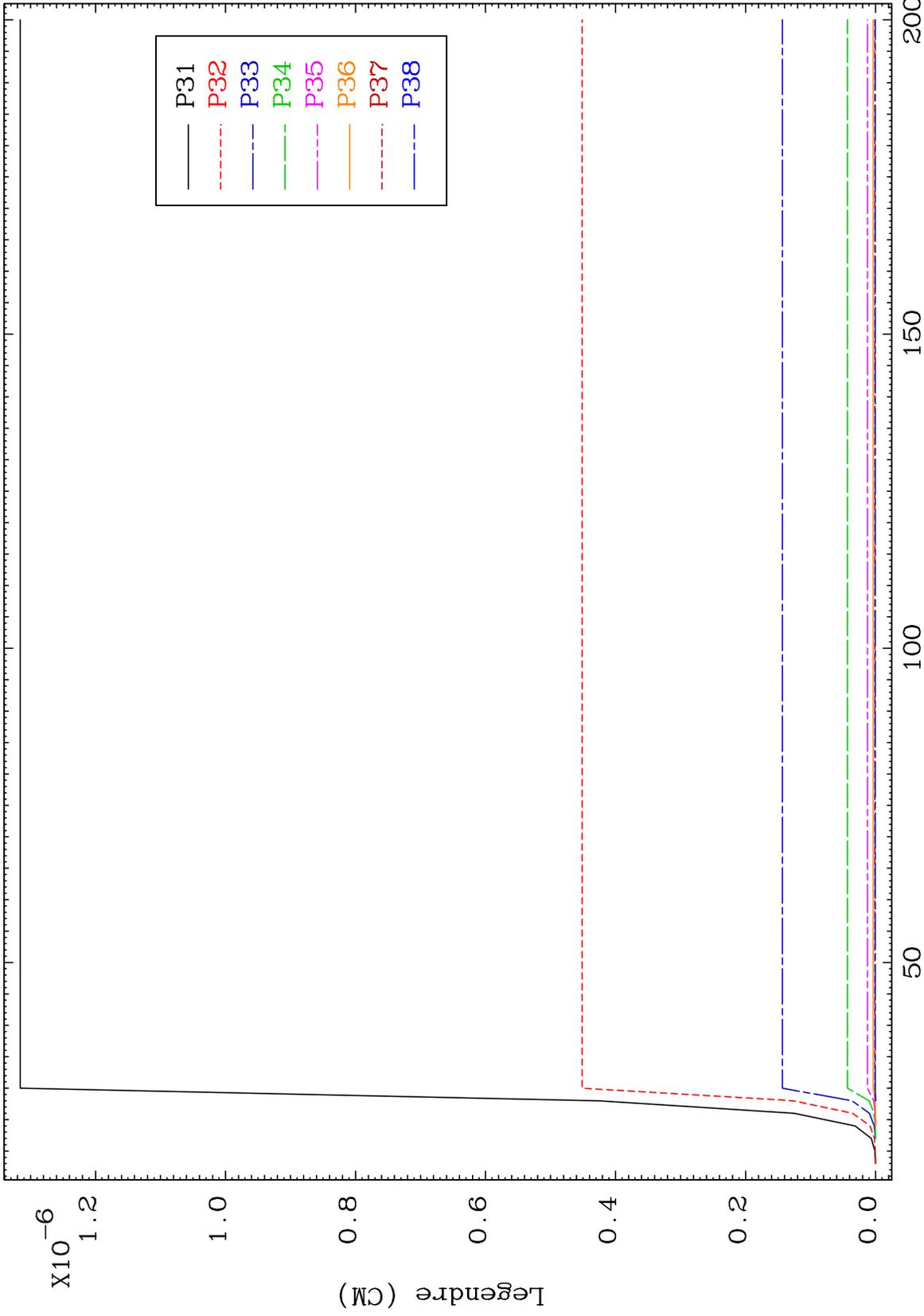
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MAT 8519

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

85-At-201



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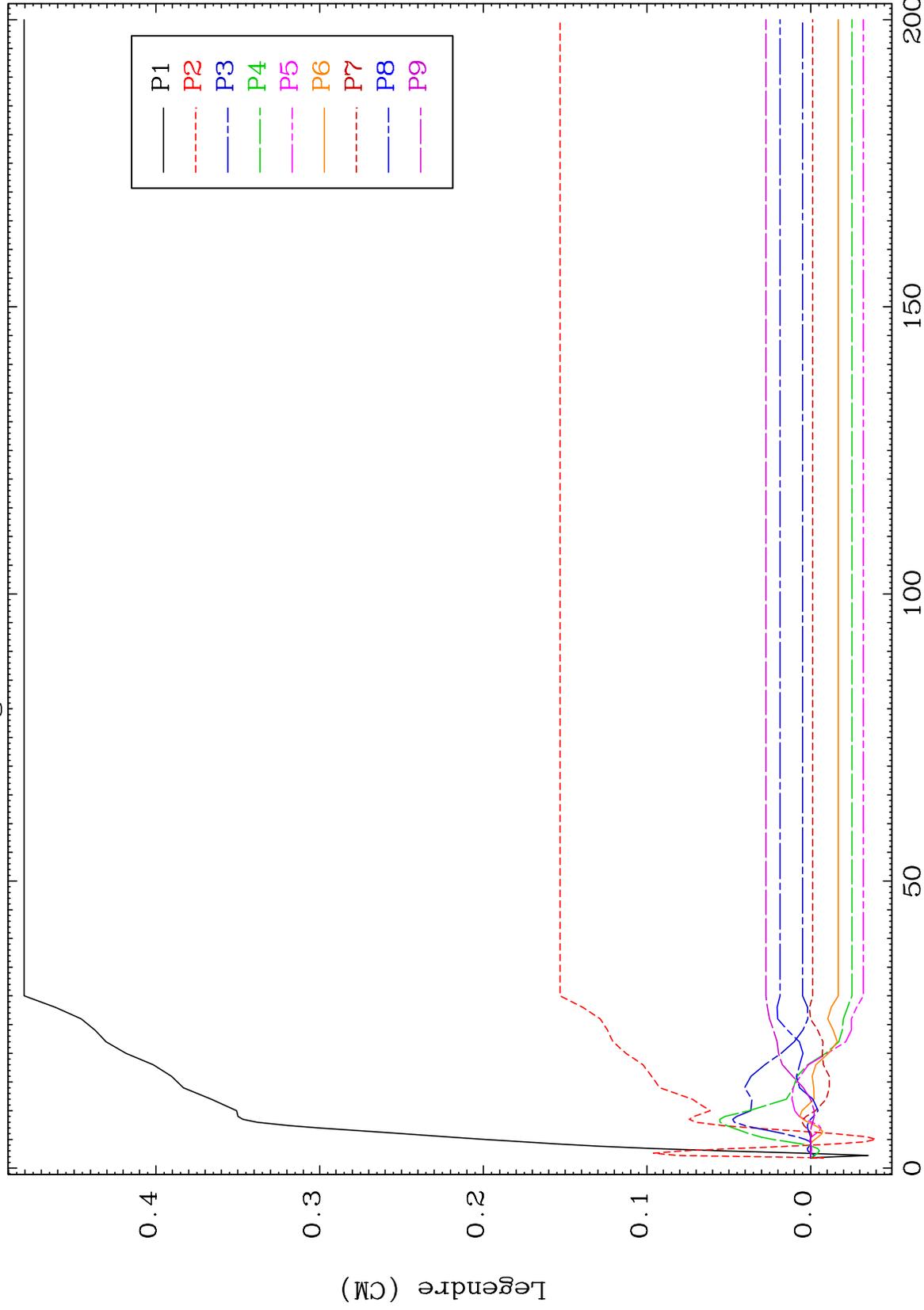
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



34

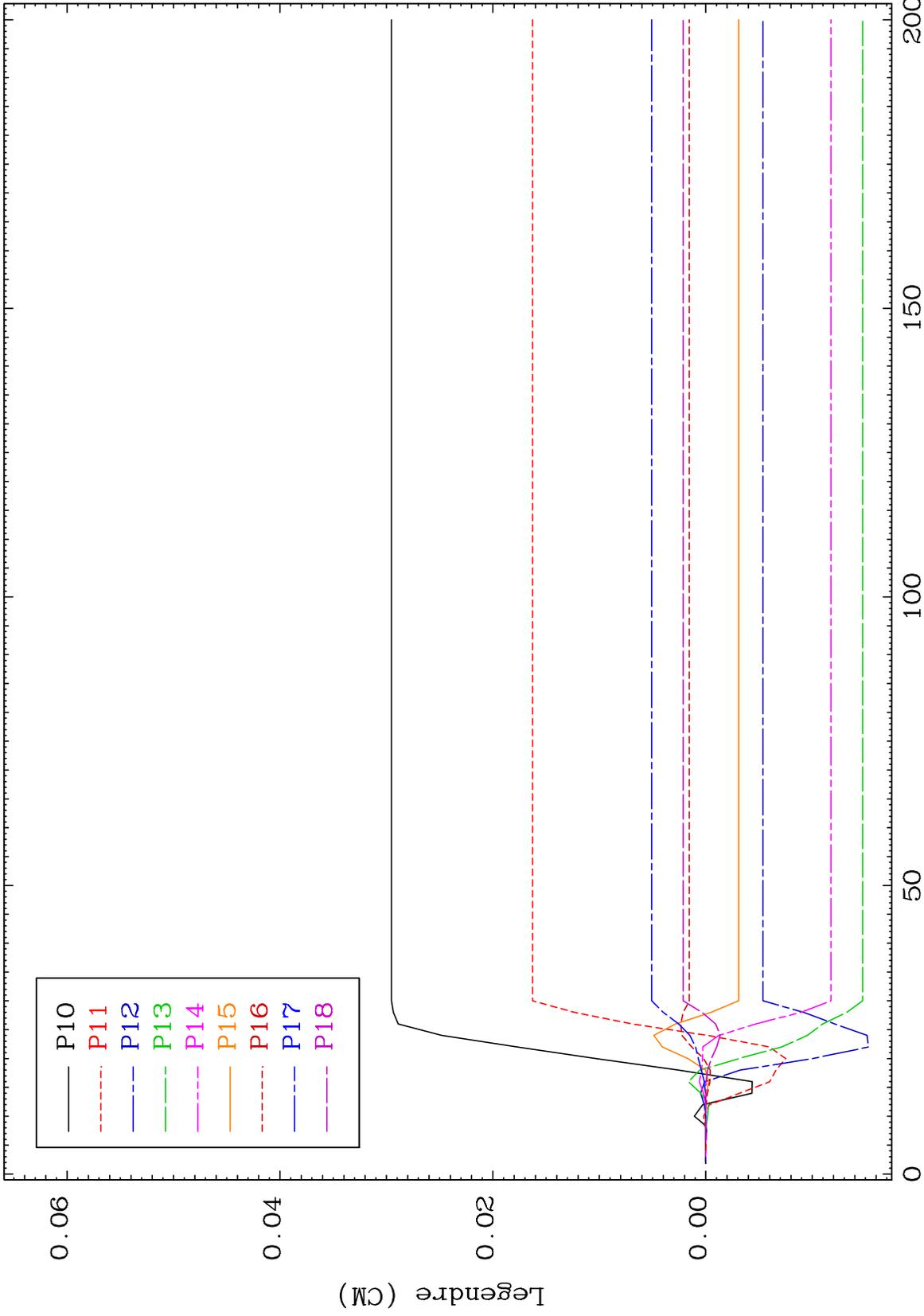
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



35

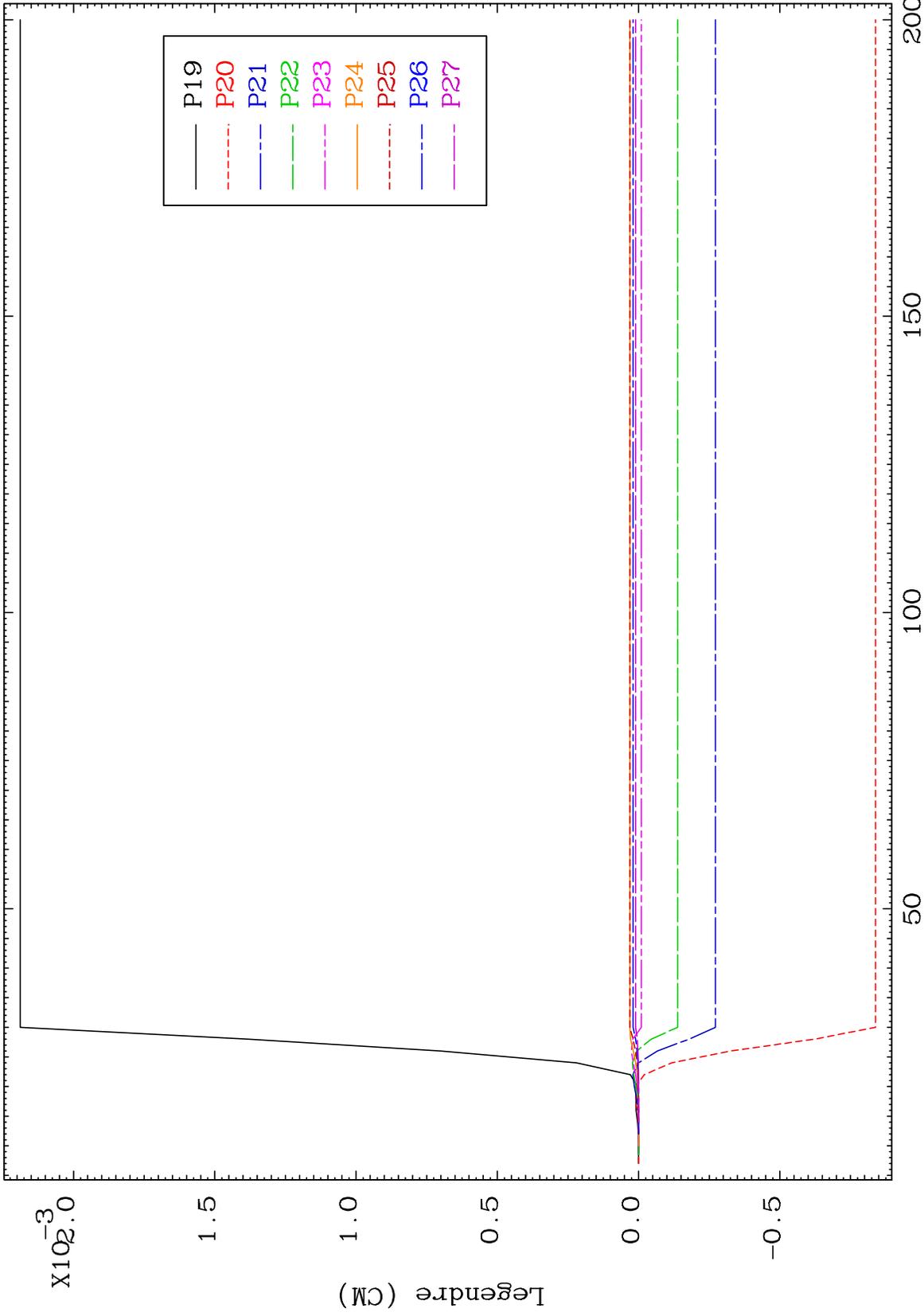
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



36

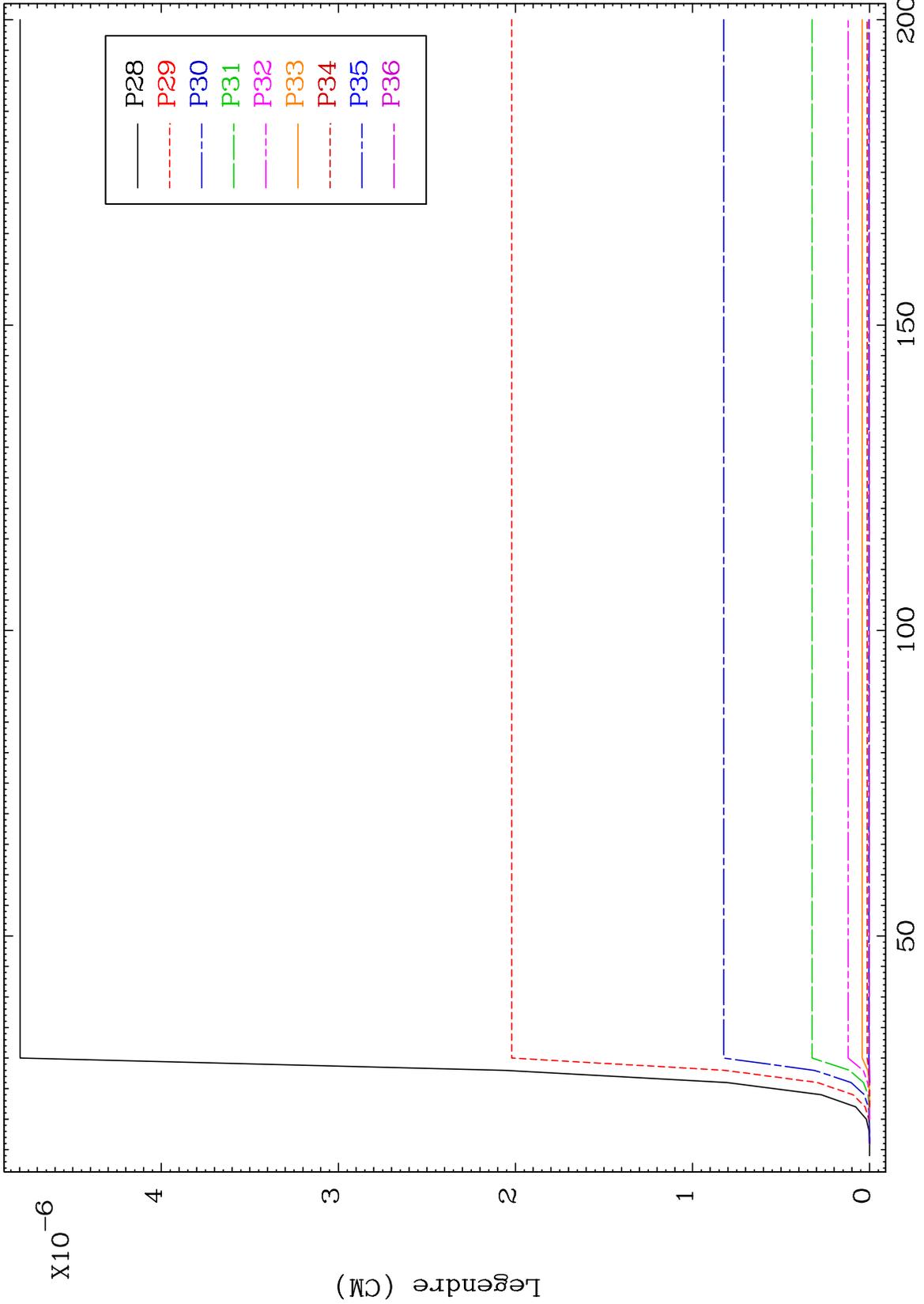
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85-At-201

MAT 8519

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

85-At-201



37

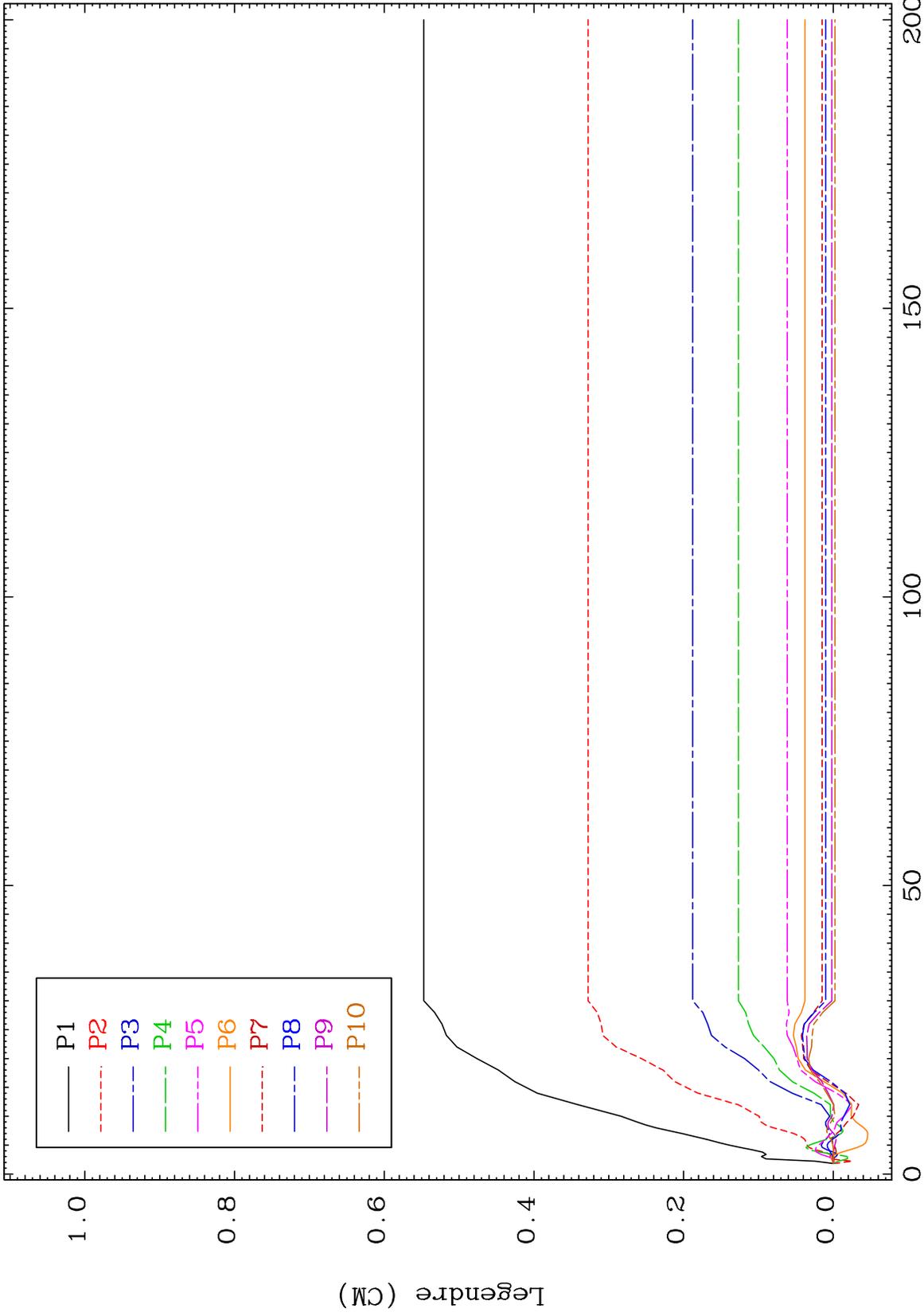
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201



38

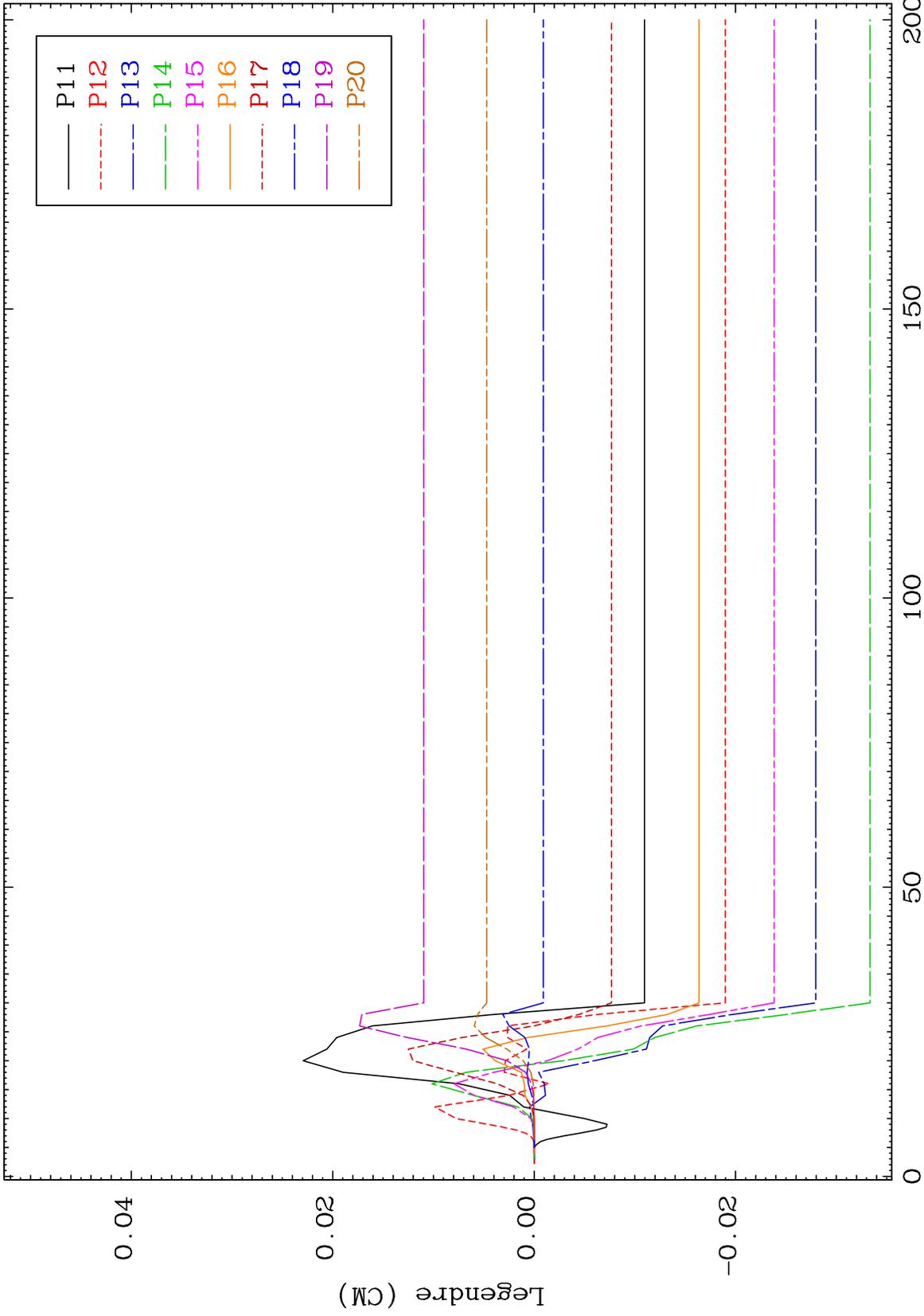
Incident Energy (MeV)

85-At-201

MAT 8519

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

85-At-201

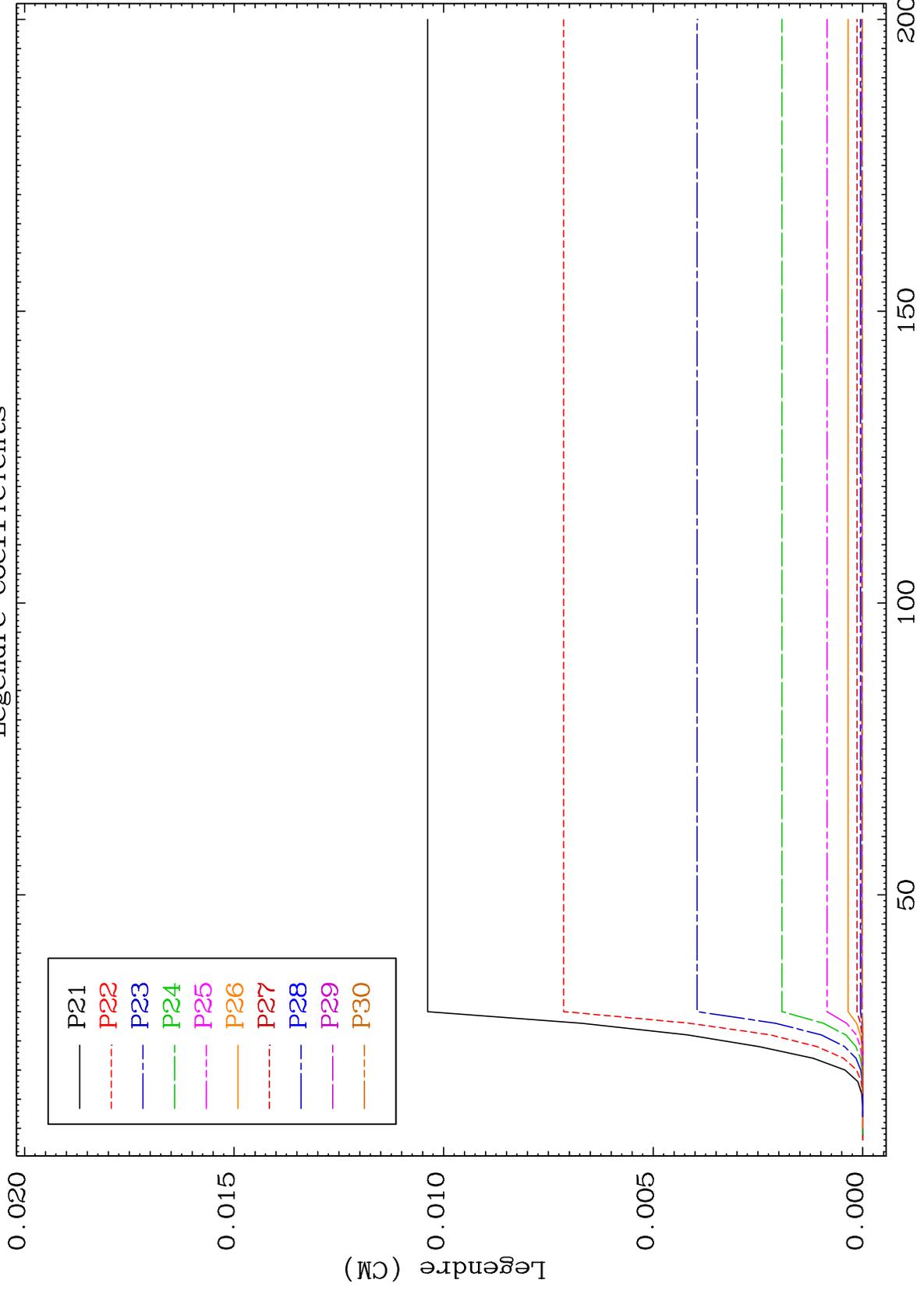


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Incident Energy (MeV)

85-At-201

MAT 8519 MT= 56 (n,n') Level Legendre Coefficients 85-At-201

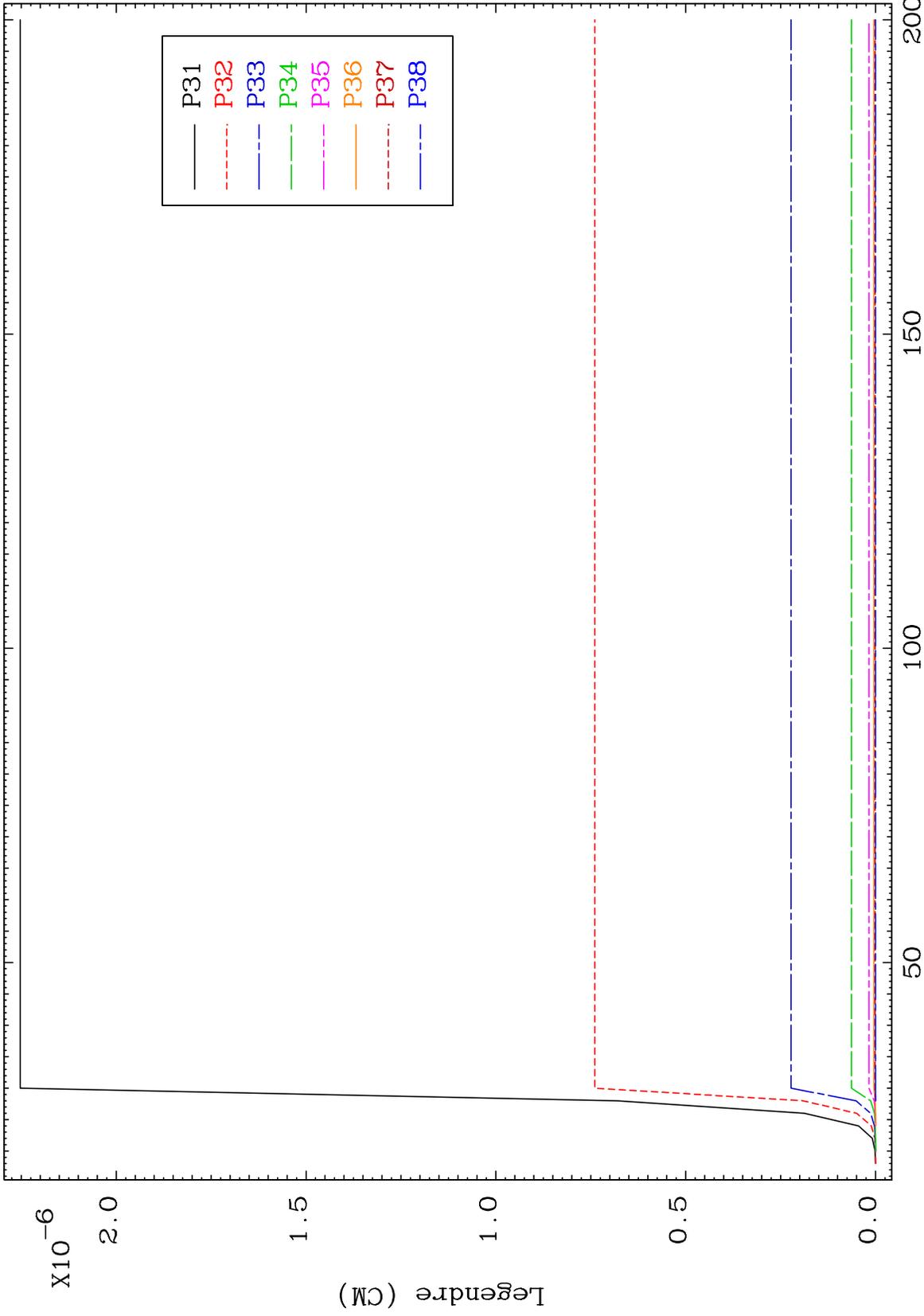


40 50 100 150 200 Incident Energy (MeV) 85-At-201

MAT 8519

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

85-At-201



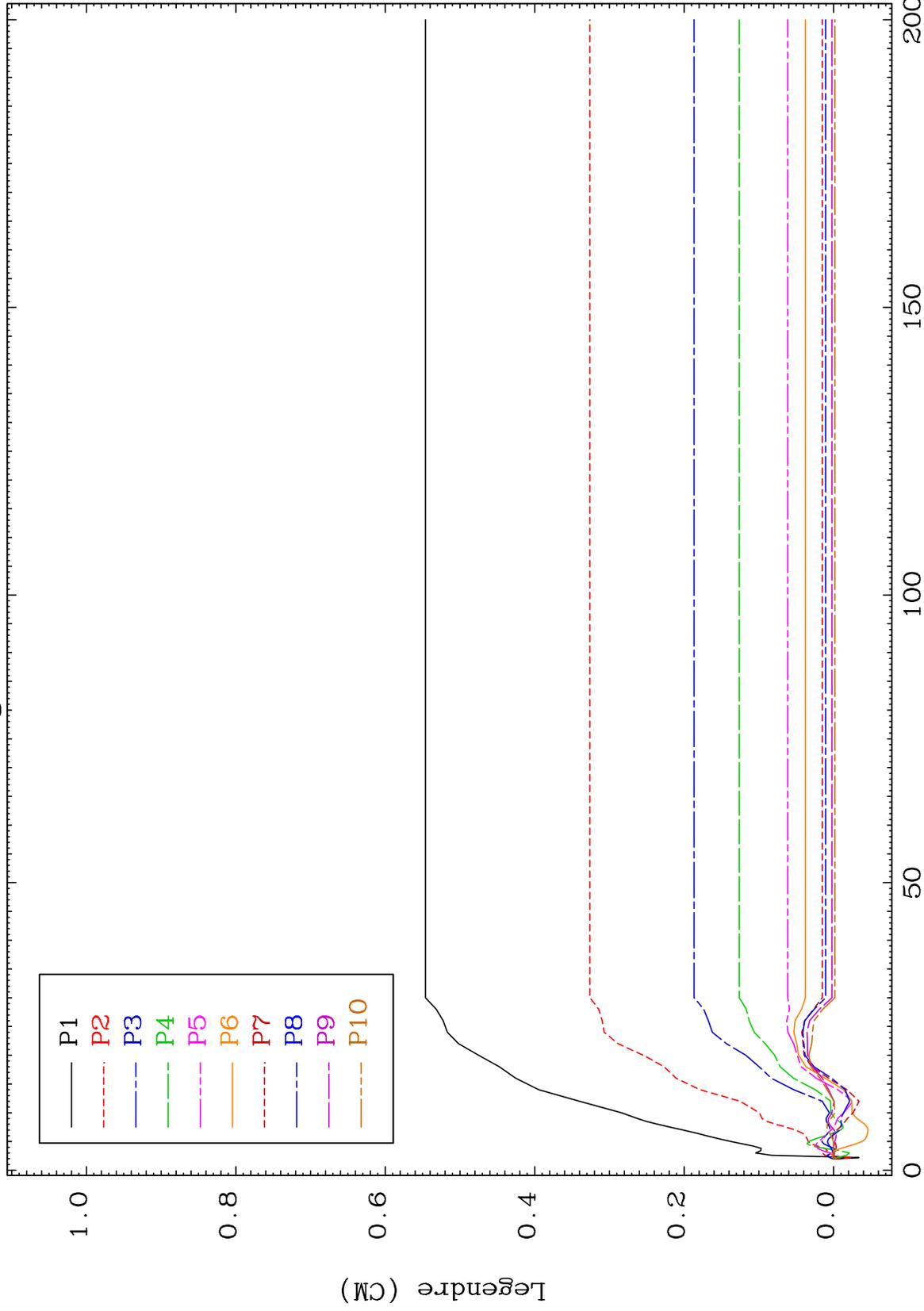
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85-At-201

MAT 8519

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

85-At-201



42

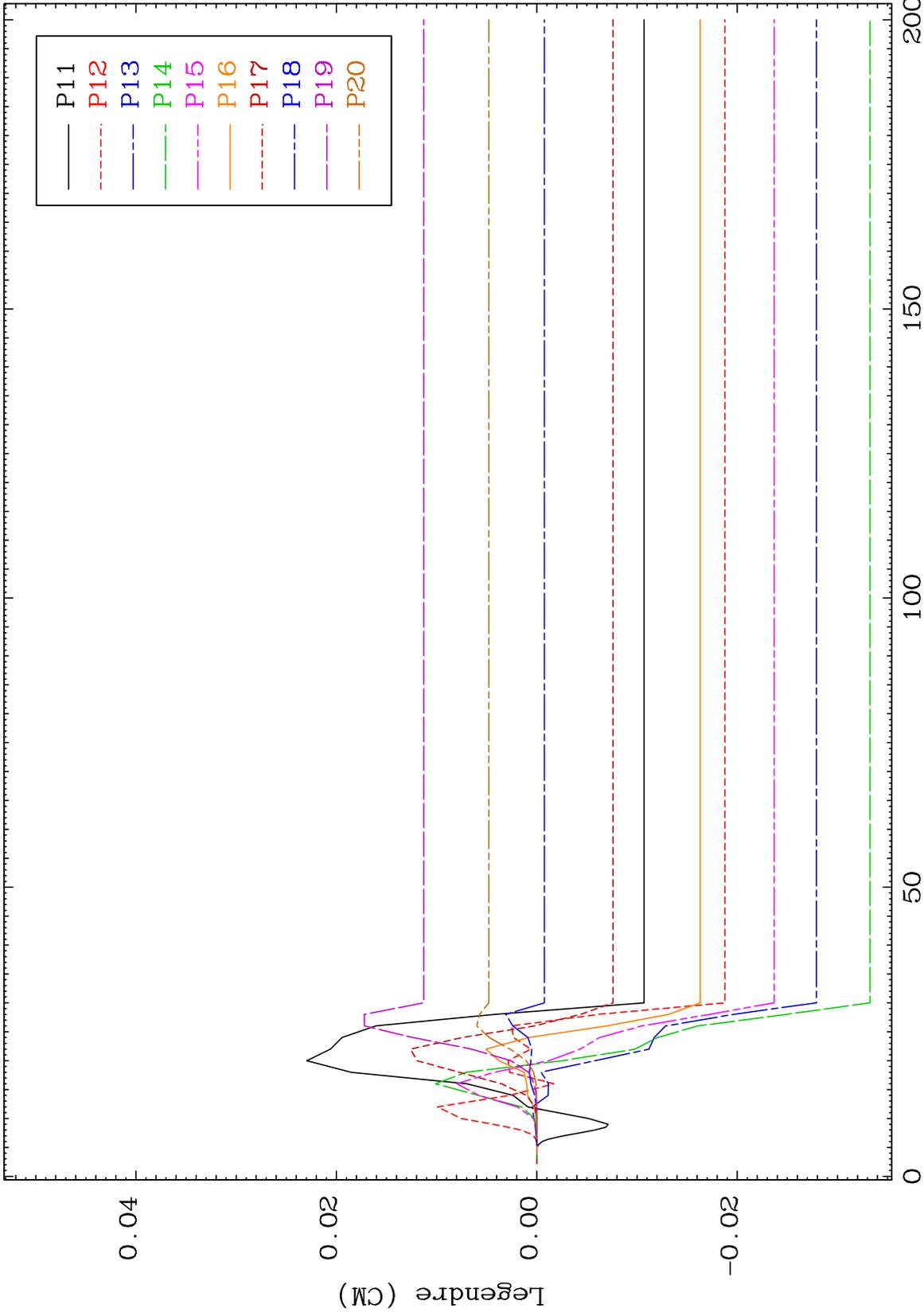
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MAT 8519

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

85-At-201



43

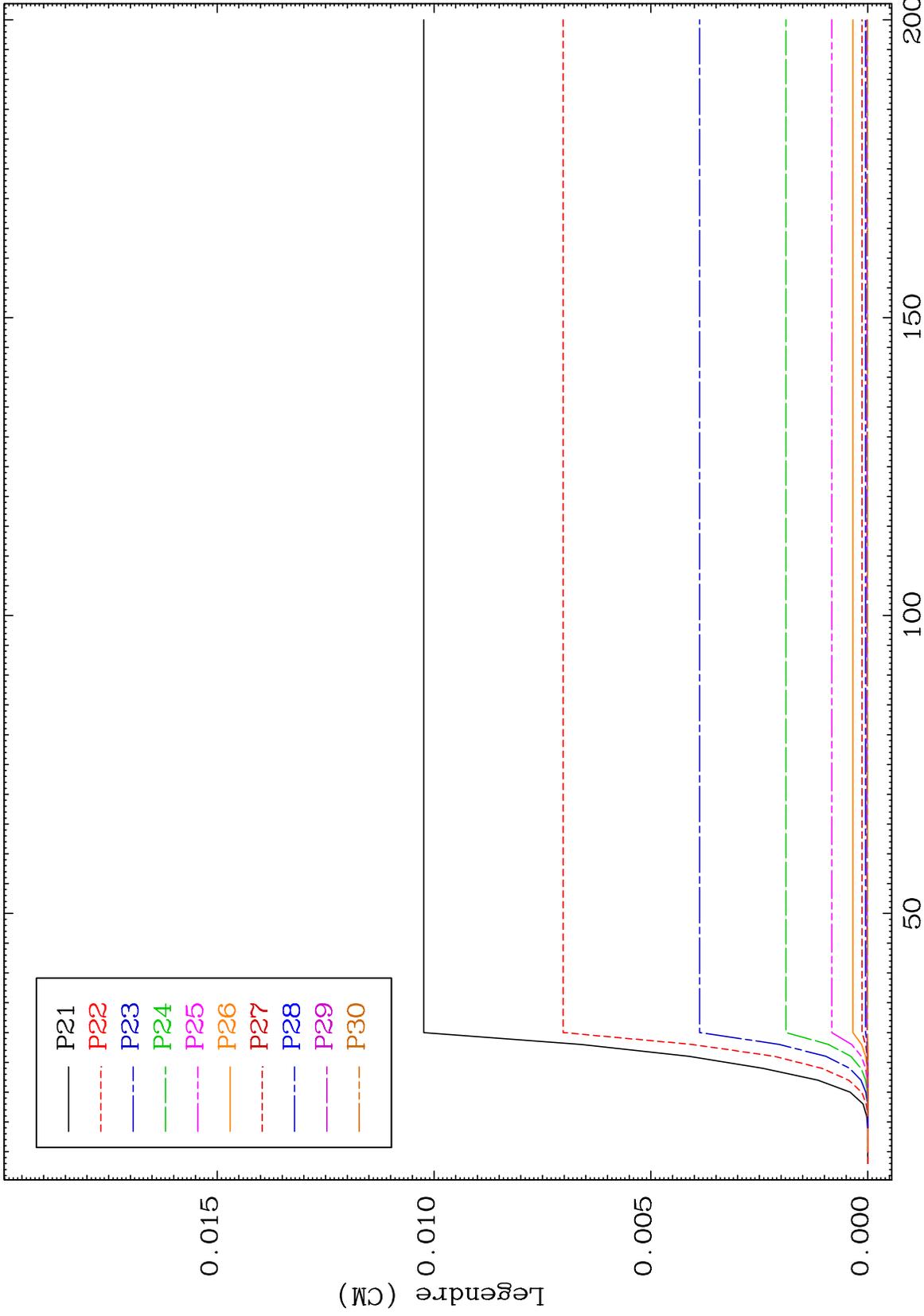
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85-At-201

MAT 8519

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

85-At-201



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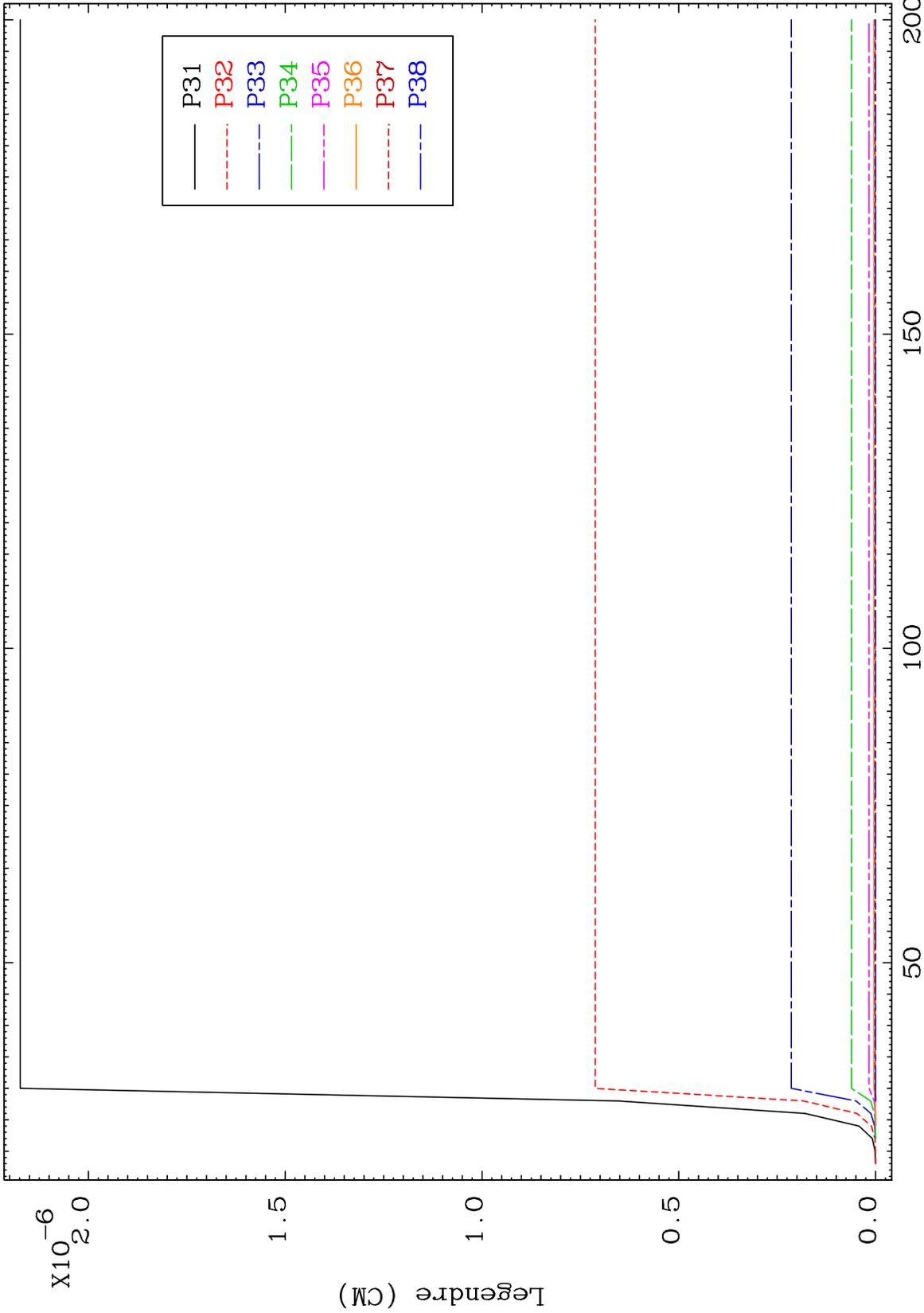
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MAT 8519

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

85-At-201



45

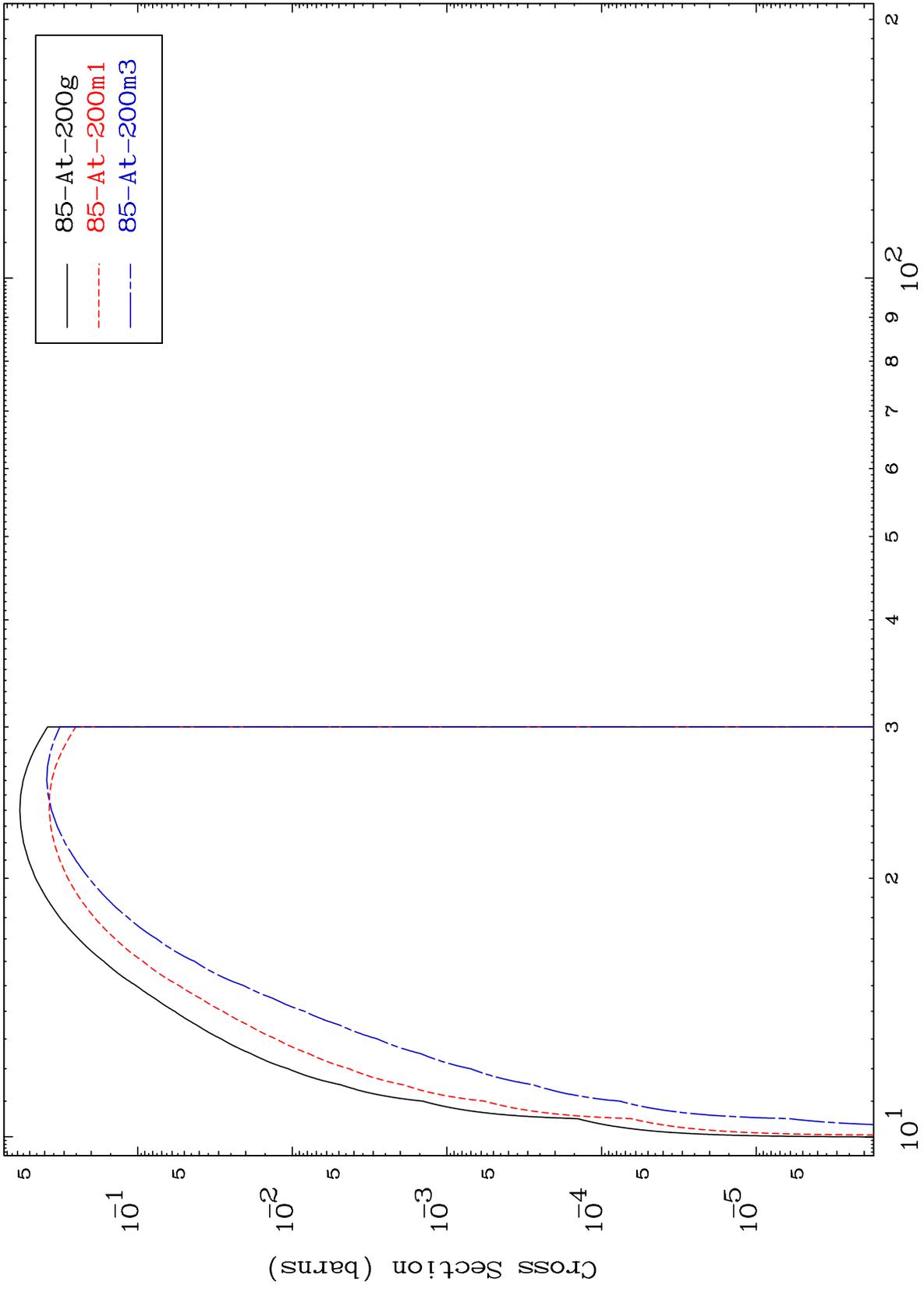
Incident Energy (MeV)

85-At-201

MAT 8519

85-At-201

(n,2n)
Radionuclide Production Cross Section



85-At-201

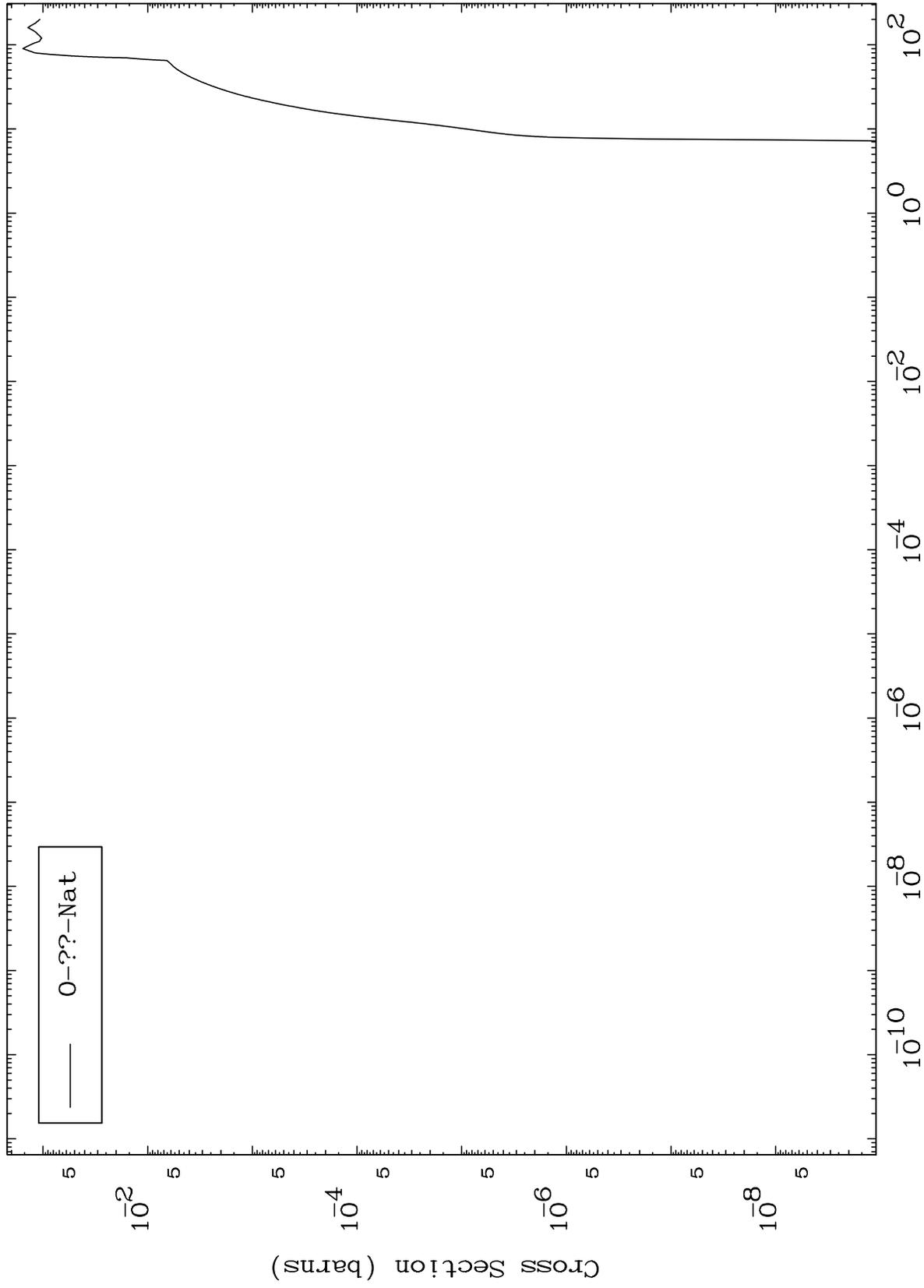
Incident Energy (MeV)

46

MAT 8519

Fission
Radionuclide Production Cross Section

85-At-201



47

Incident Energy (MeV)

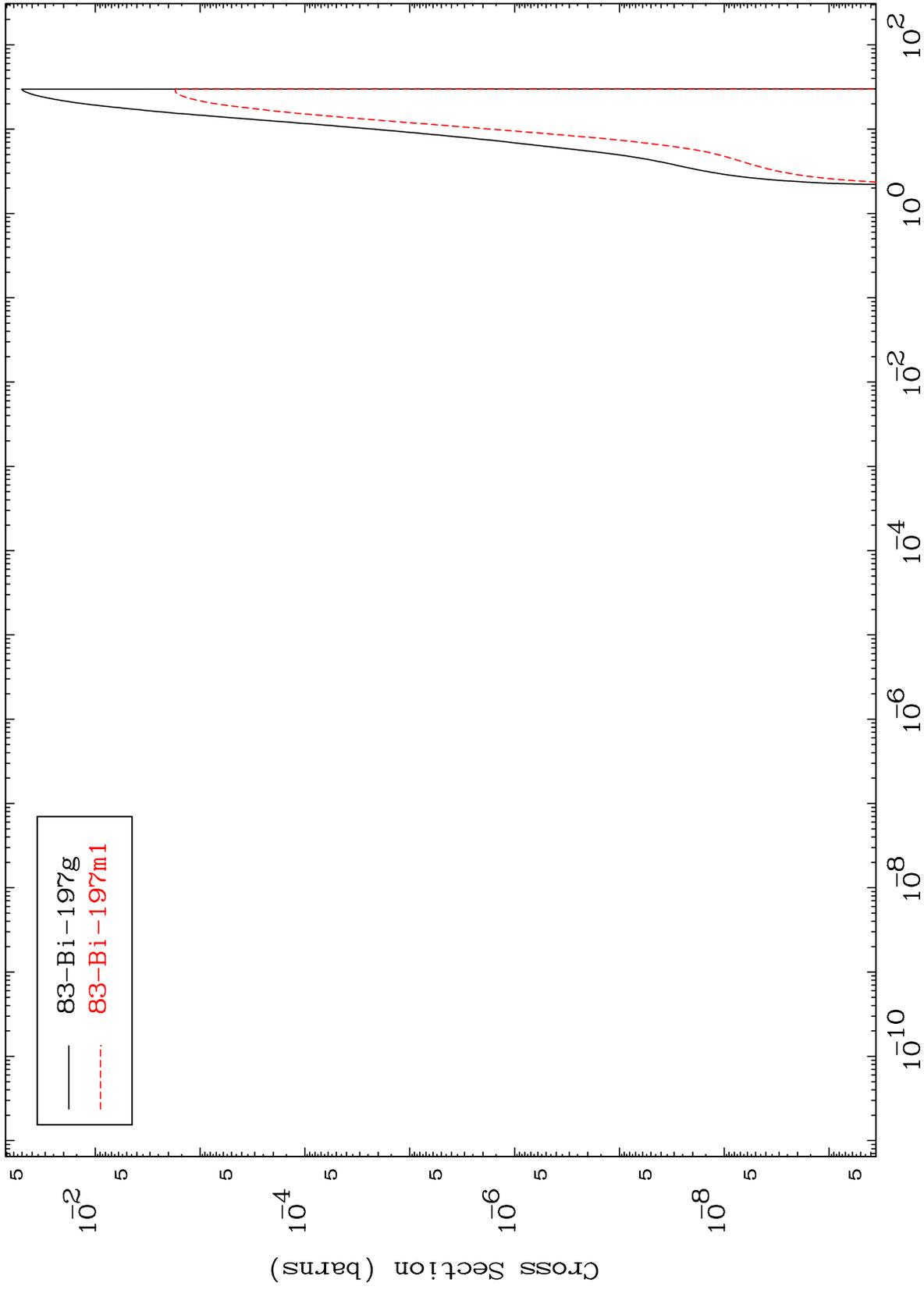
85-At-201

MAT 8519

(n,n') α

85-At-201

Radionuclide Production Cross Section



48

Incident Energy (MeV)

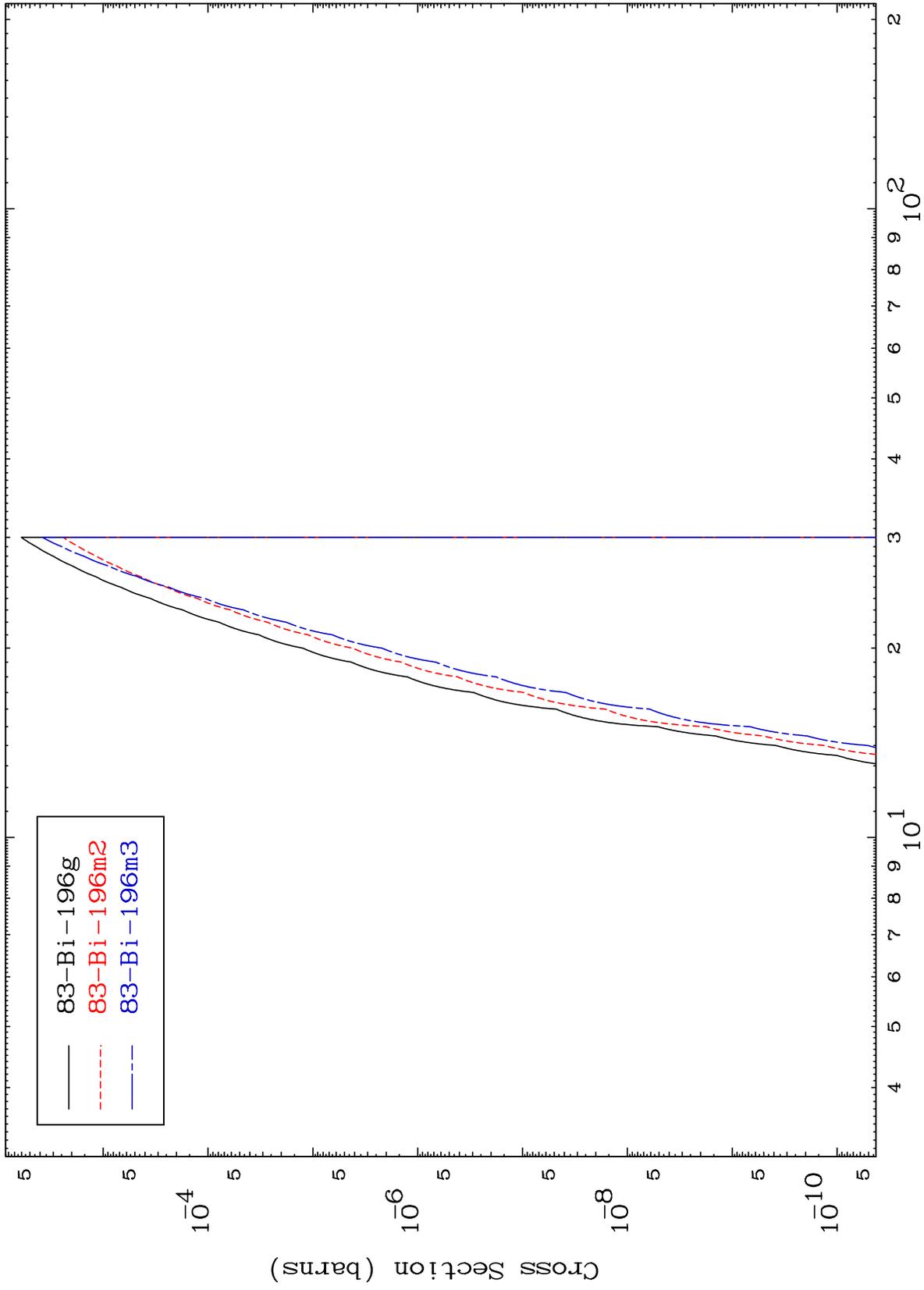
85-At-201

MAT 8519

(n,2n) α

85-At-201

Radionuclide Production Cross Section



49

Incident Energy (MeV)

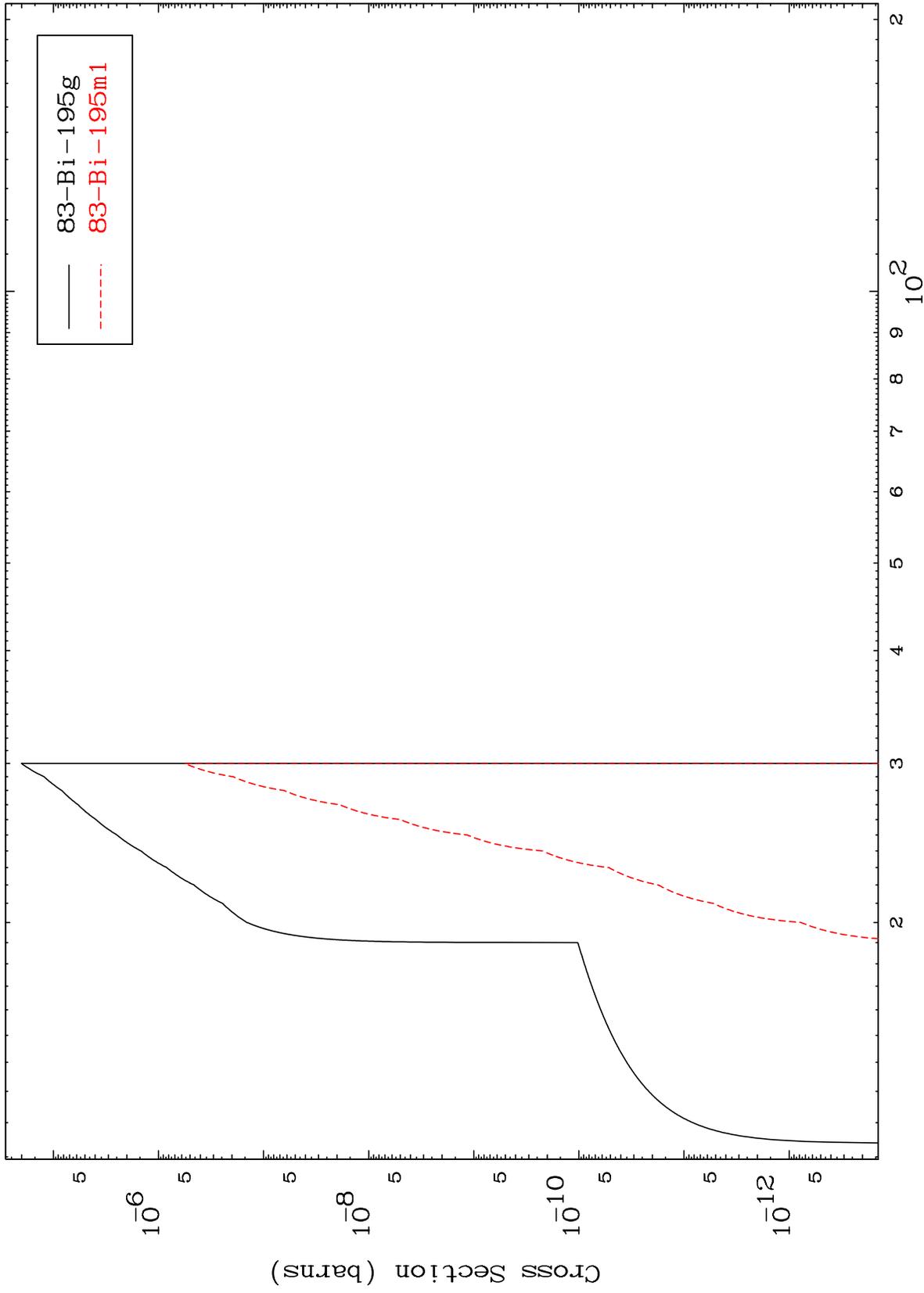
85-At-201

MAT 8519

(n,3n) α

85-At-201

Radionuclide Production Cross Section



50

Incident Energy (MeV)

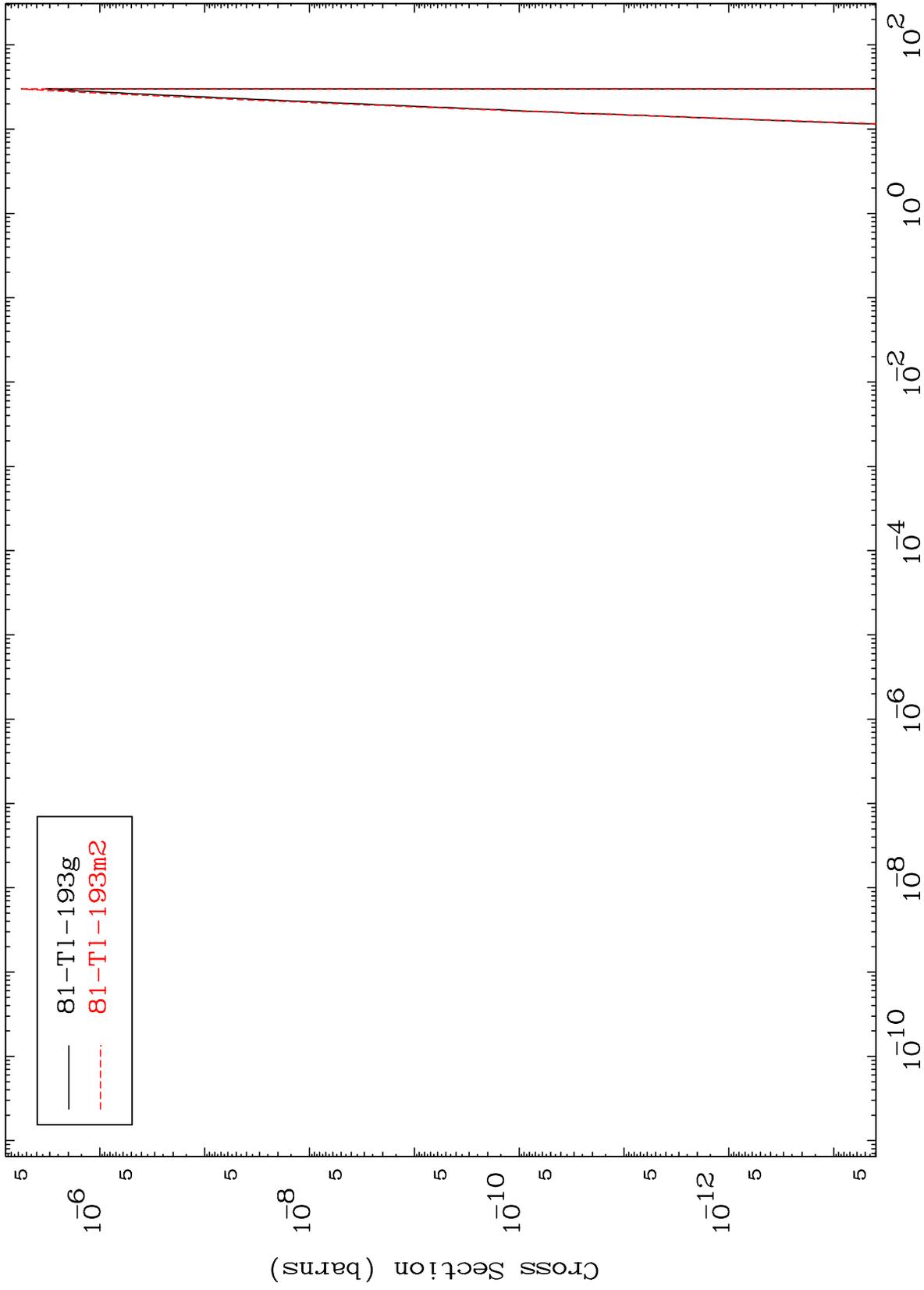
85-At-201

MAT 8519

(n,n') 2 α

85-At-201

Radionuclide Production Cross Section



51

Incident Energy (MeV)

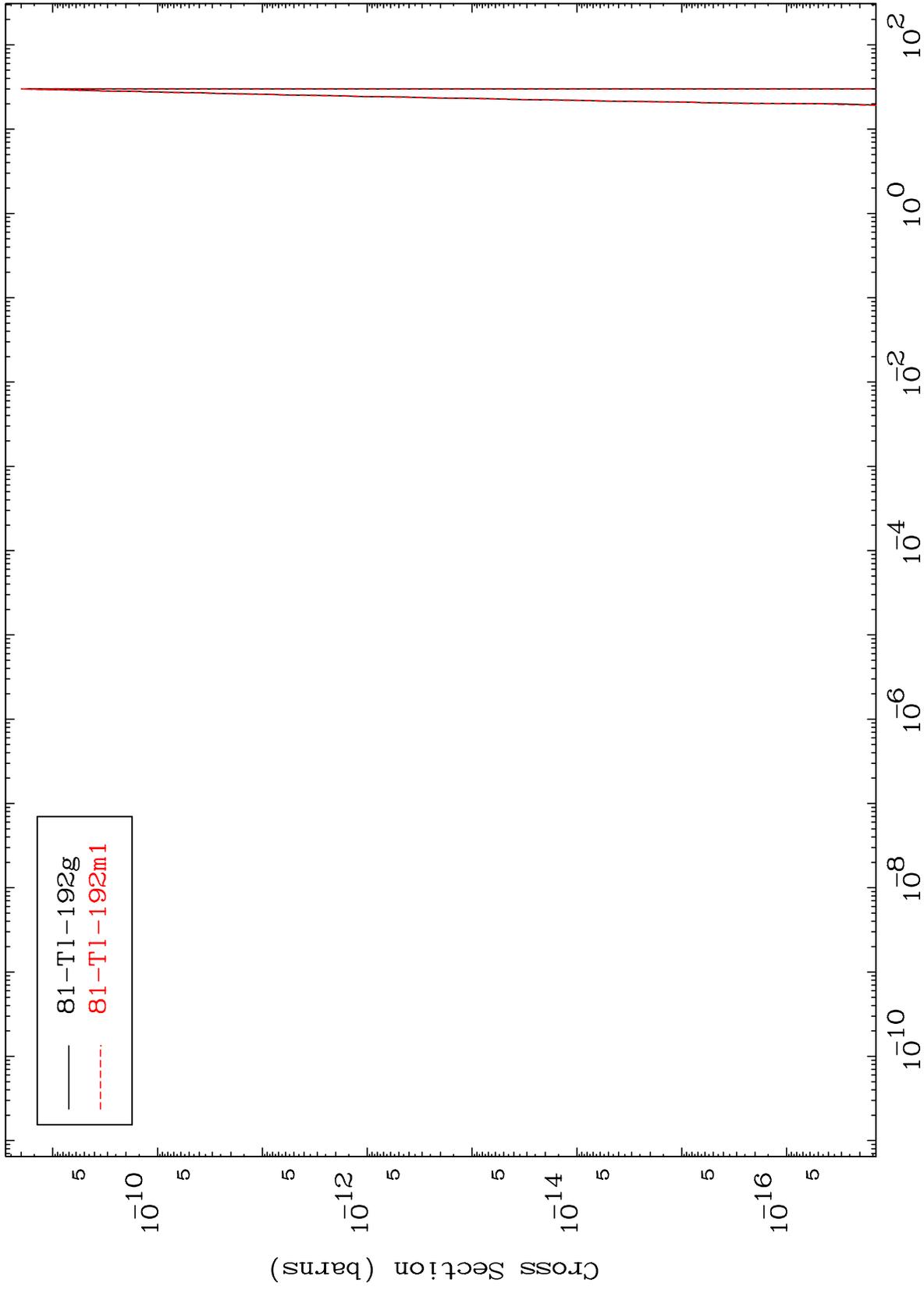
85-At-201

MAT 8519

(n,2n) 2 α

85-At-201

Radionuclide Production Cross Section



52

Incident Energy (MeV)

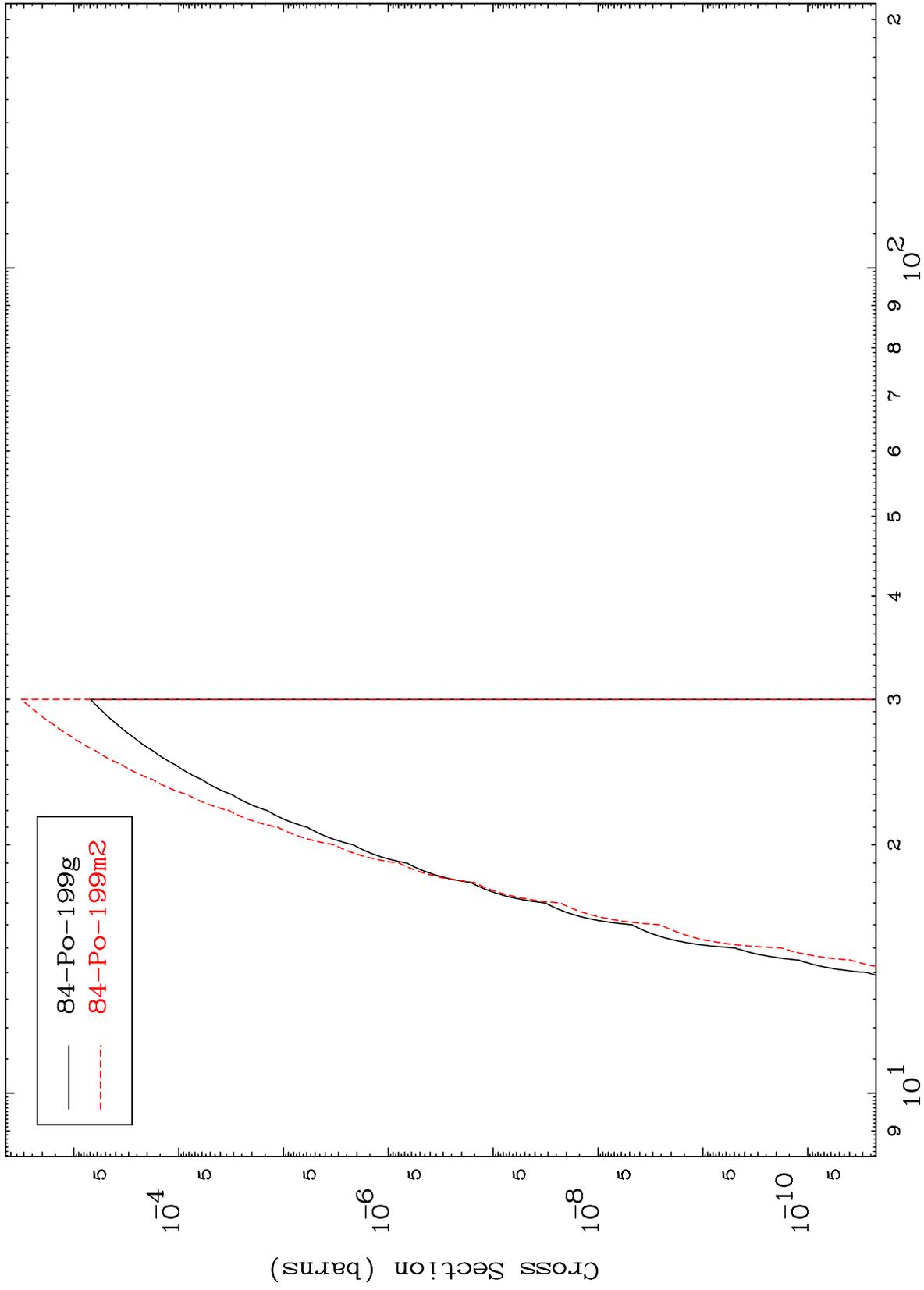
85-At-201

MAT 8519

(n,n') d

85-At-201

Radionuclide Production Cross Section



53

Incident Energy (MeV)

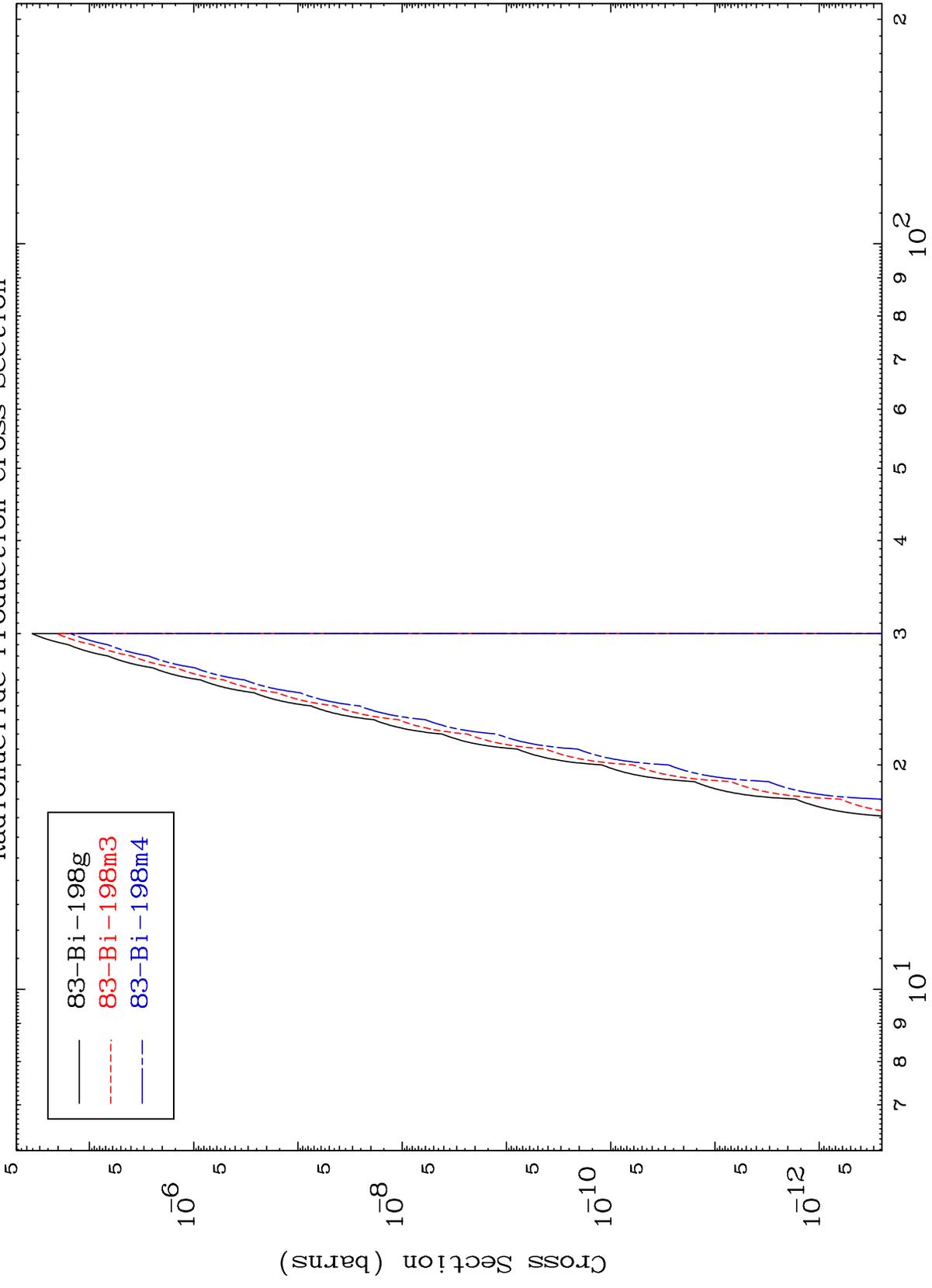
85-At-201

MAT 8519

(n, n') He-3

85-At-201

Radionuclide Production Cross Section



54

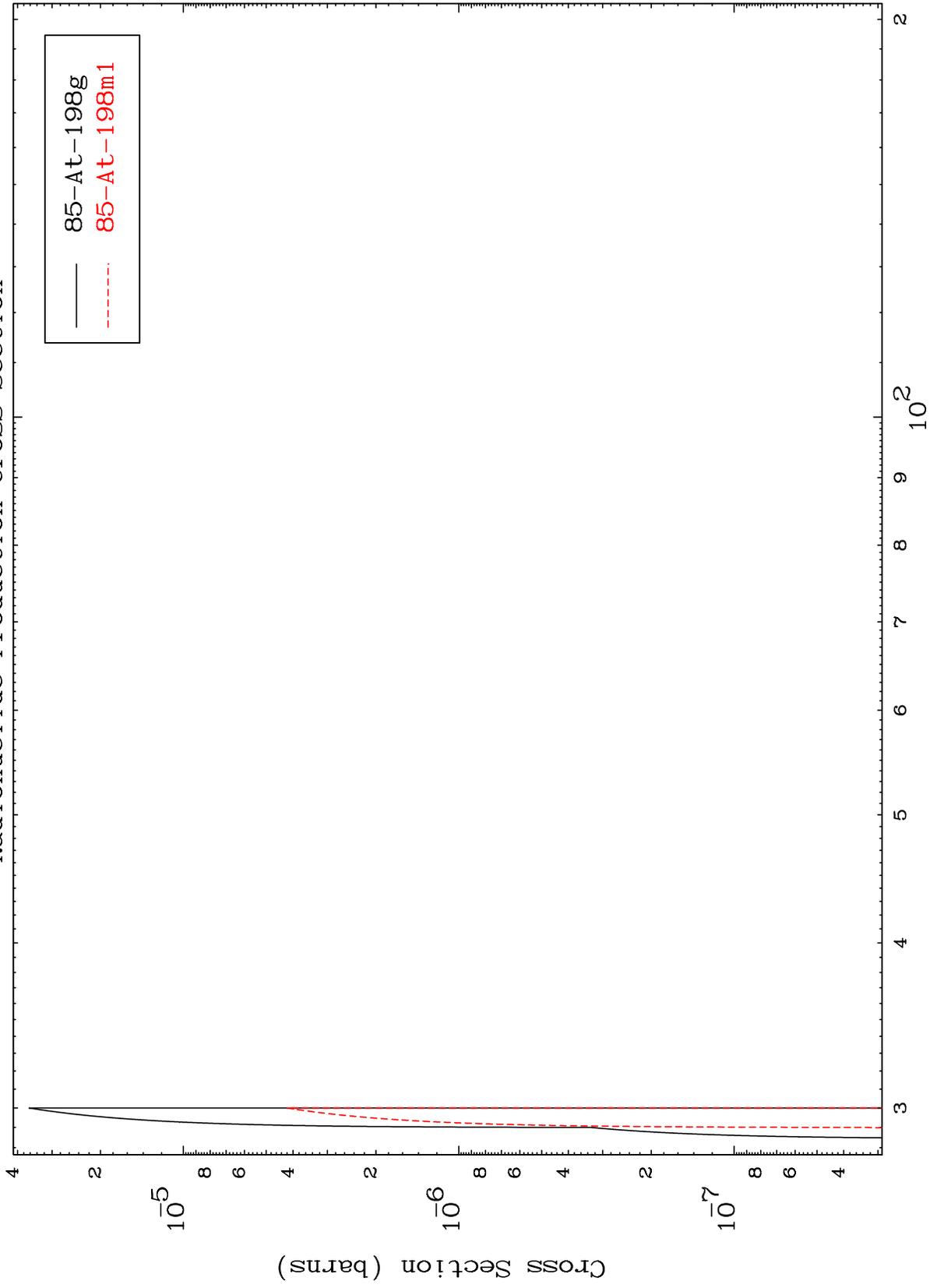
Incident Energy (MeV)

85-At-201

MAT 8519

85-At-201

(n,4n)
Radionuclide Production Cross Section



55

Incident Energy (MeV)

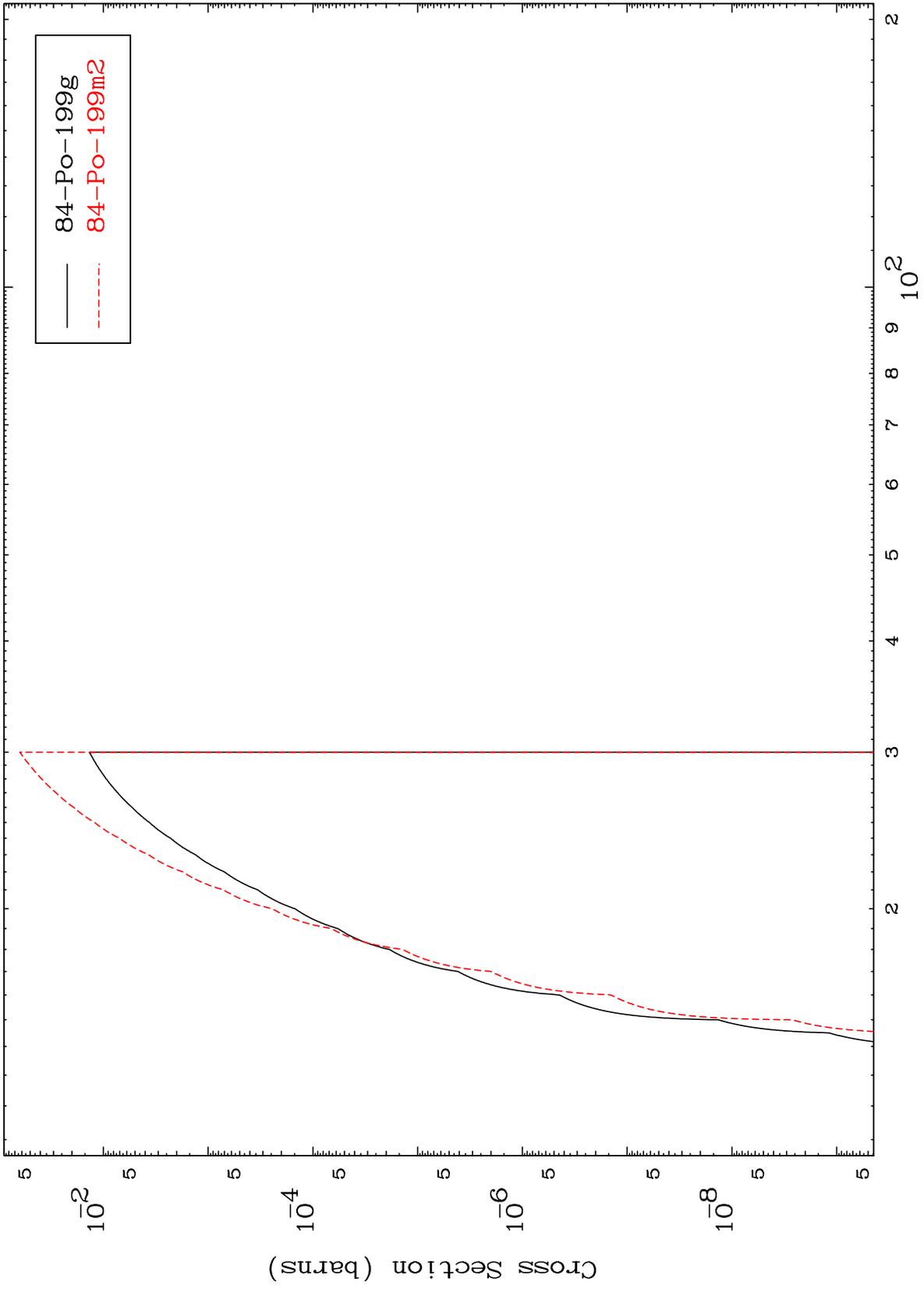
85-At-201

MAT 8519

(n,2n) p

85-At-201

Radionuclide Production Cross Section



56

Incident Energy (MeV)

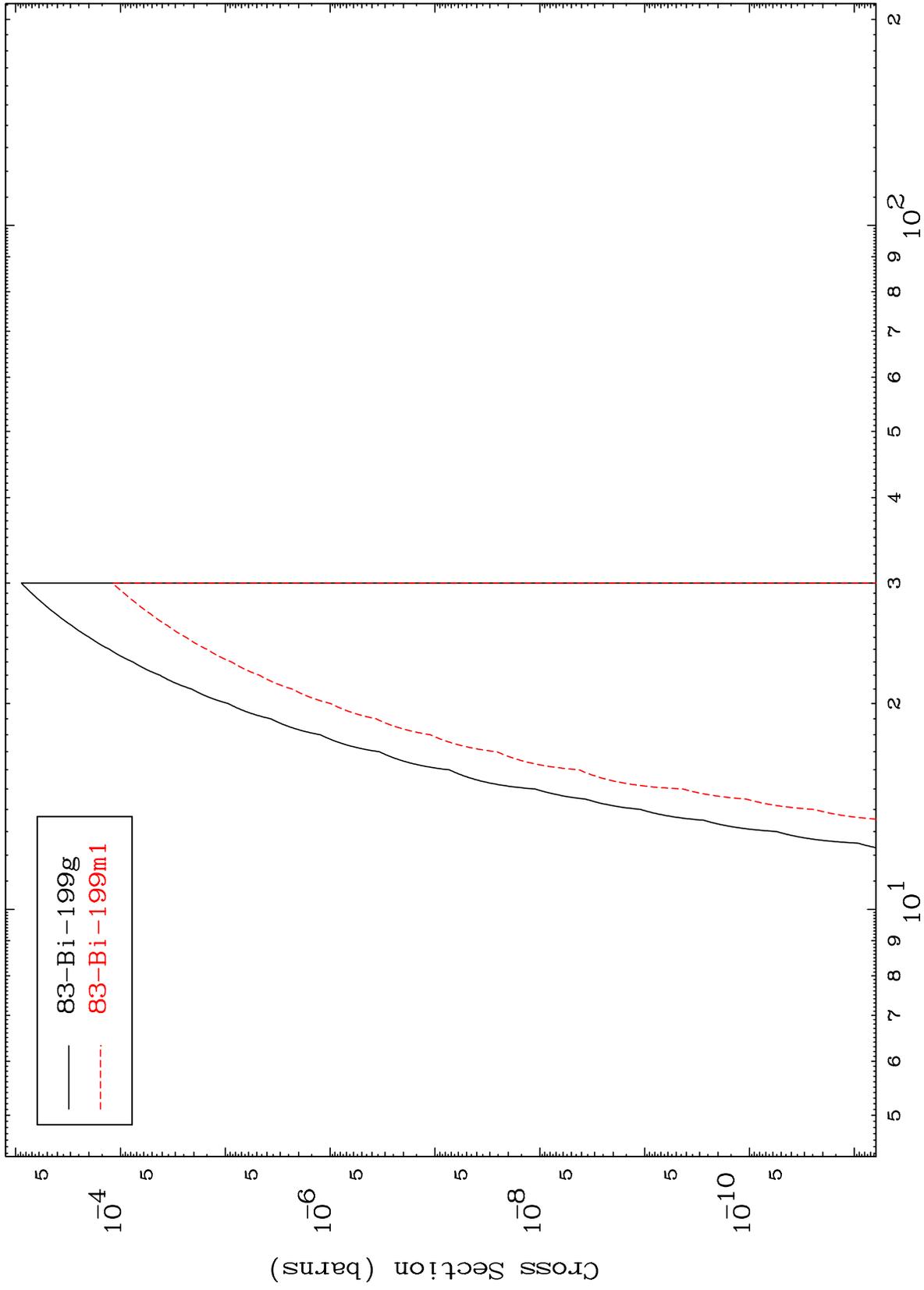
85-At-201

MAT 8519

(n,2n) p

85-At-201

Radionuclide Production Cross Section



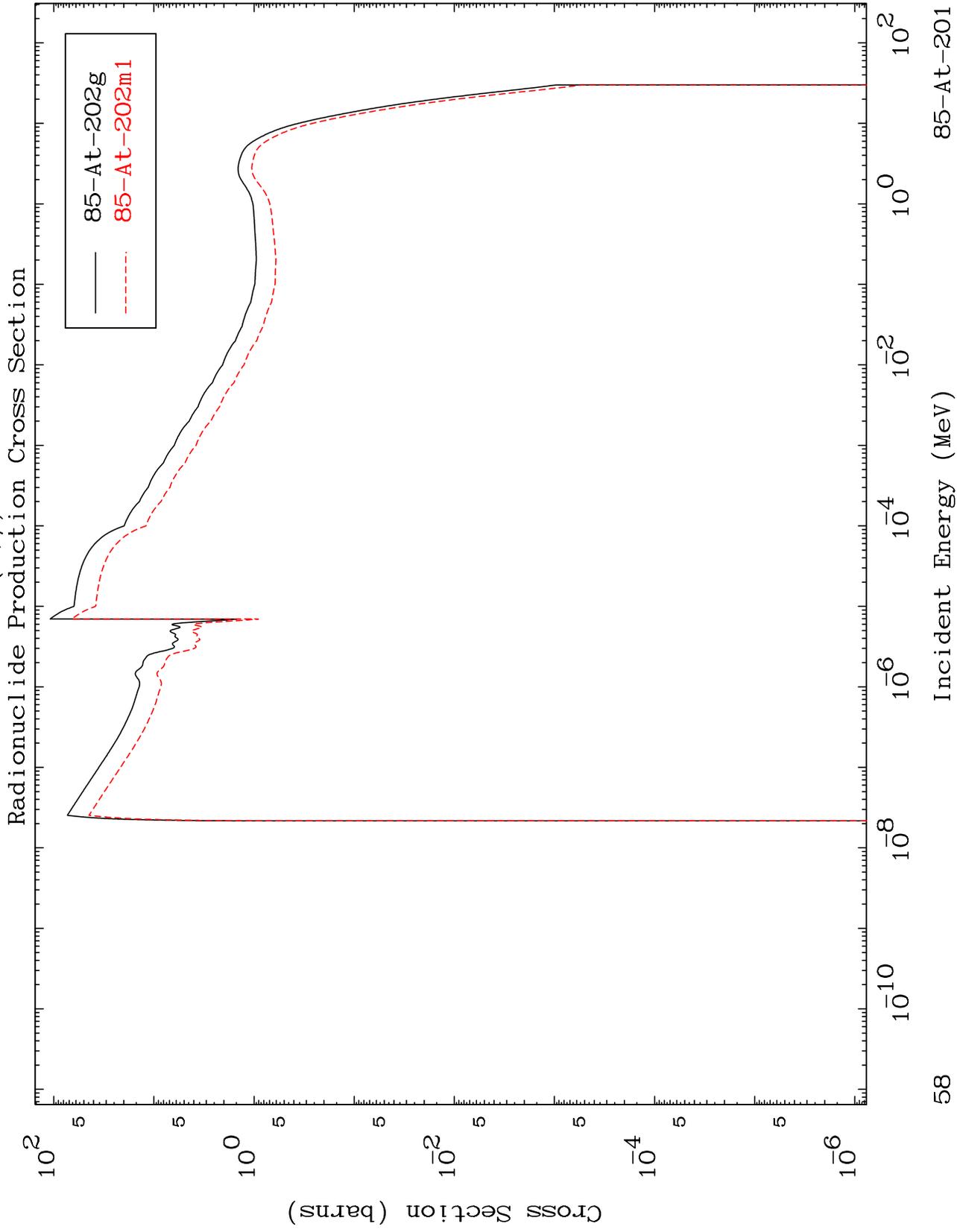
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Incident Energy (MeV)

85-At-201

MAT 8519

85-At-201

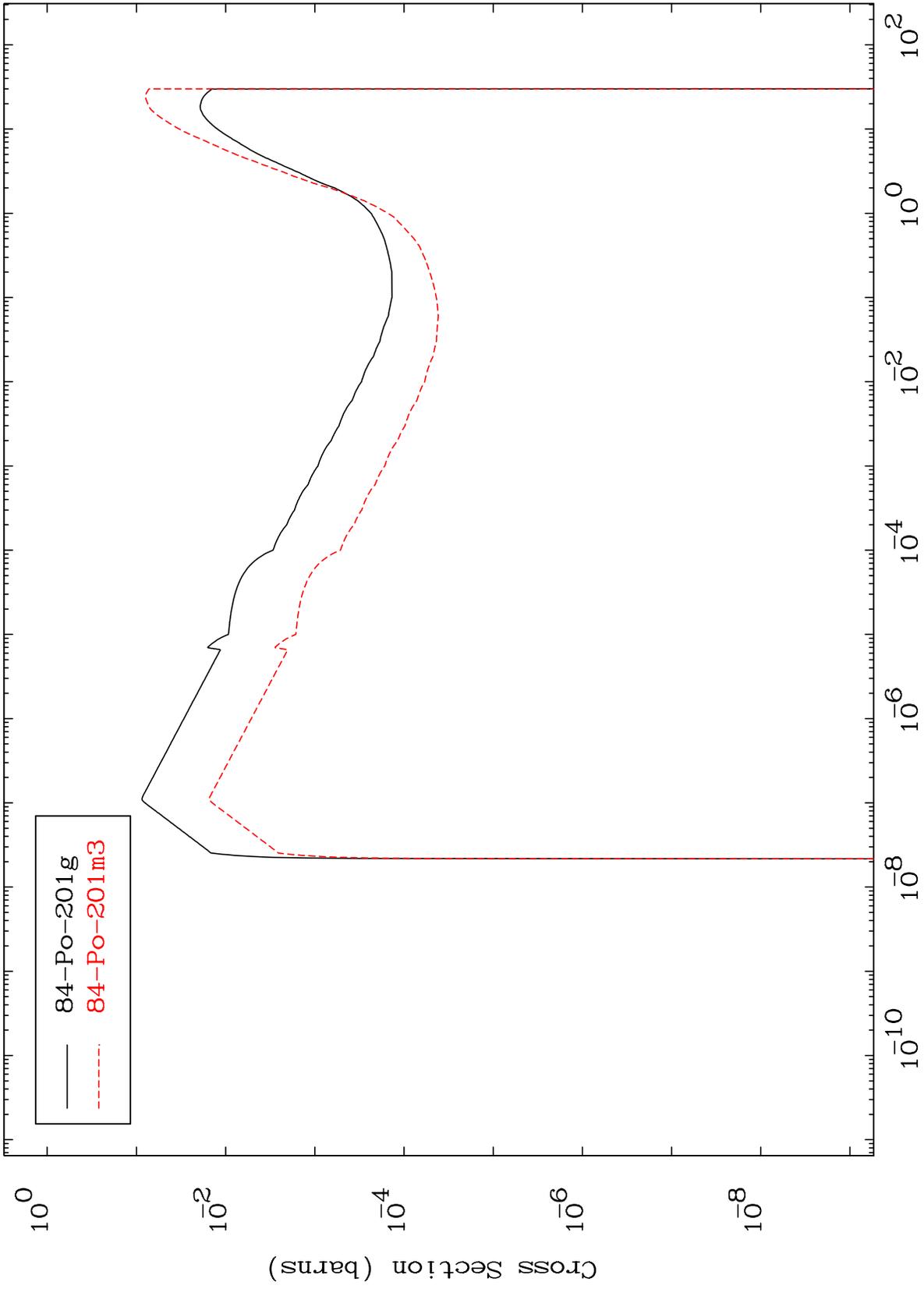


58

MAT 8519

85-At-201

Radionuclide Production Cross Section (n,p)



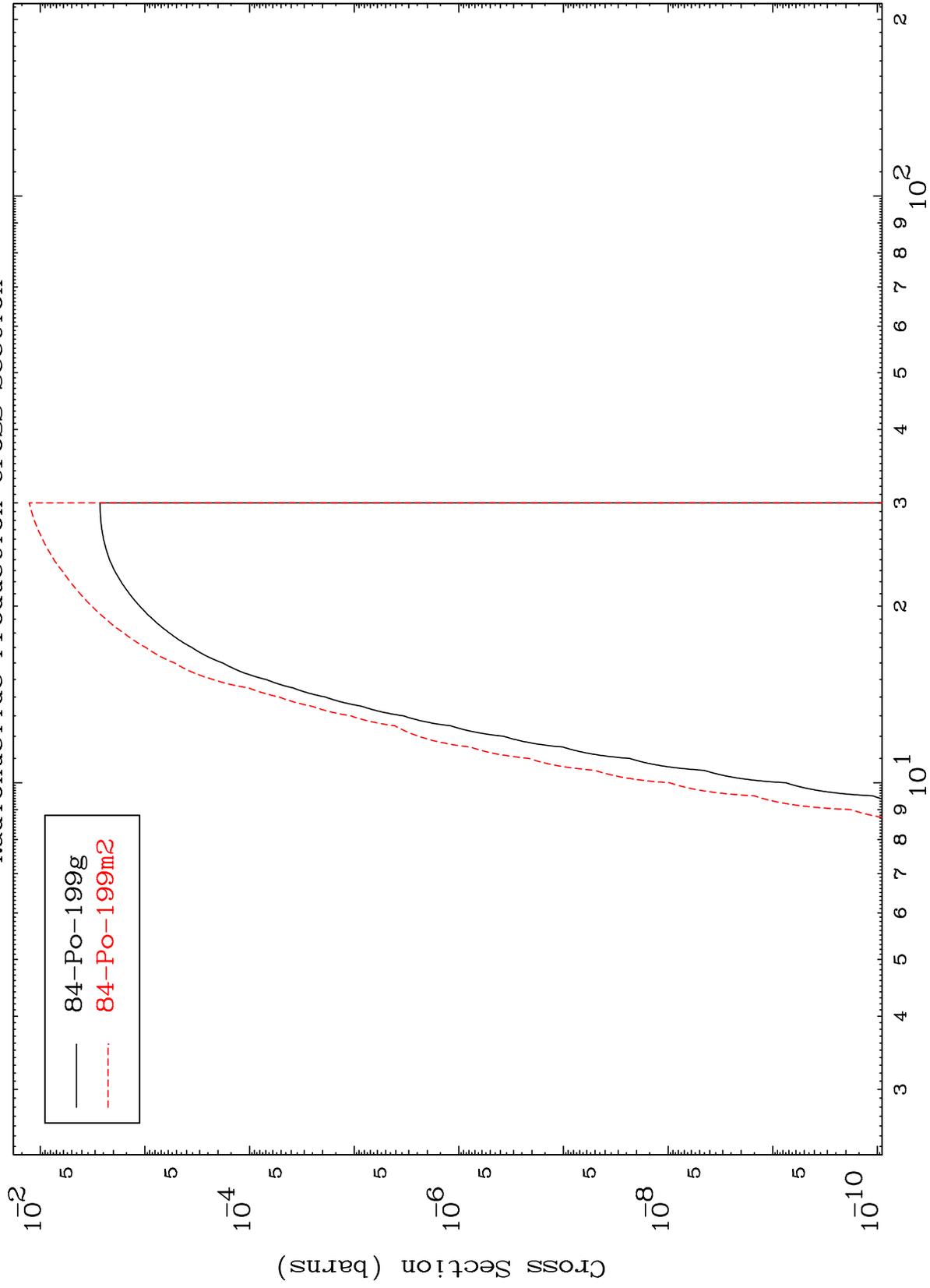
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85-At-201

MAT 8519

85-At-201

Radionuclide Production Cross Section (n,t)



60

Incident Energy (MeV)

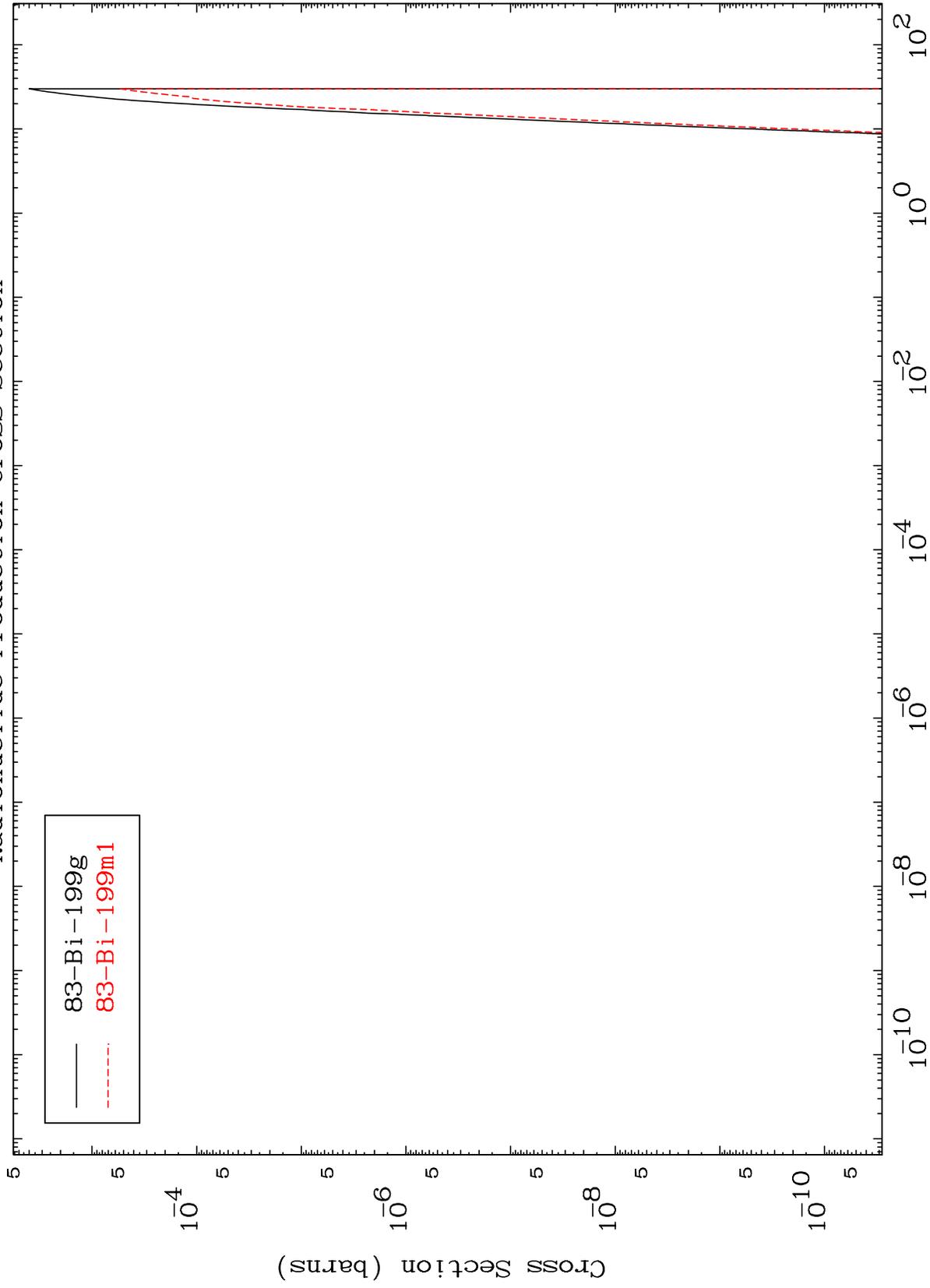
85-At-201

MAT 8519

(n,He-3)

85-At-201

Radionuclide Production Cross Section



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

61

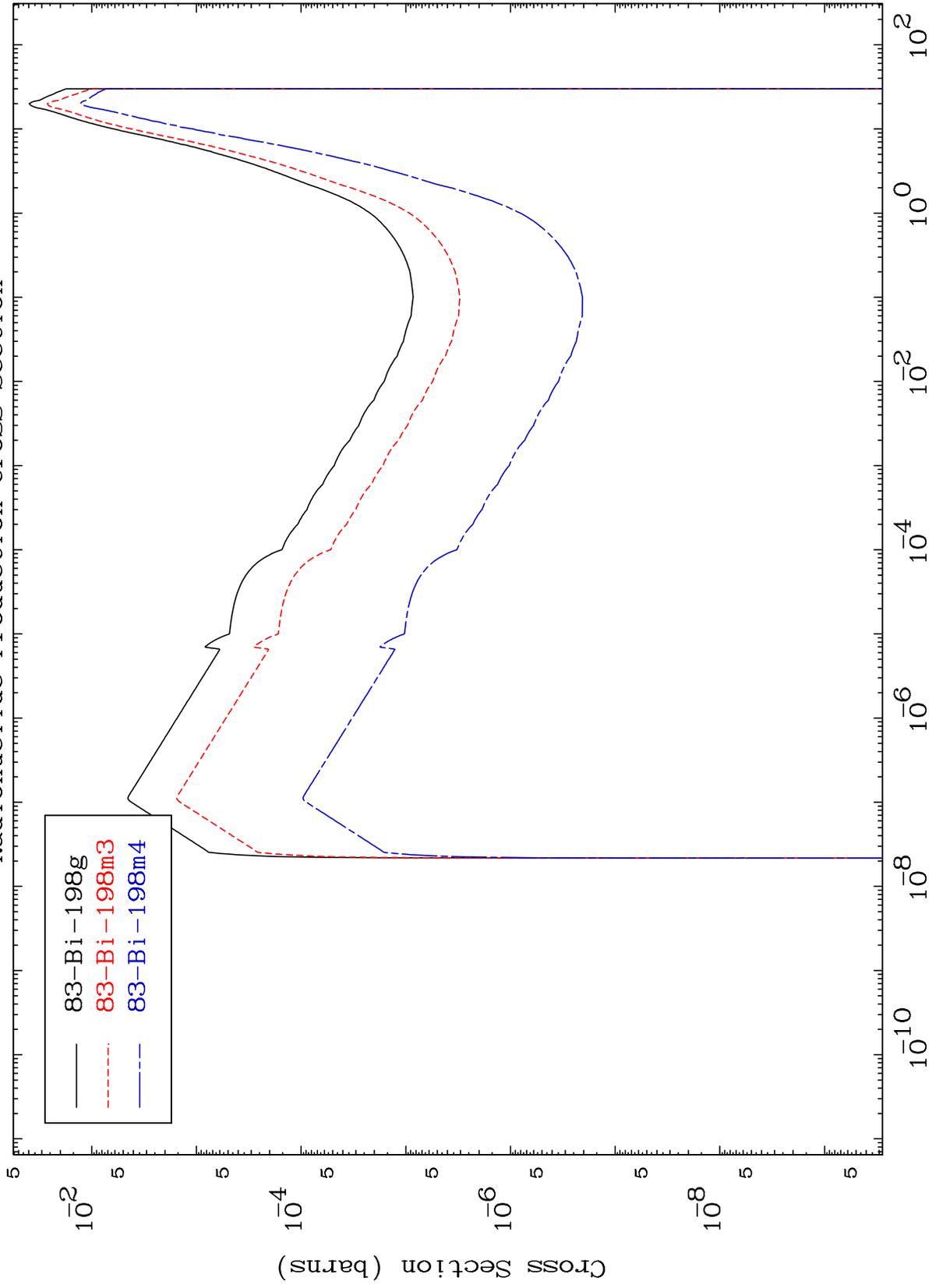
Incident Energy (MeV)

85-At-201

MAT 8519

85-At-201

Radionuclide Production Cross Section



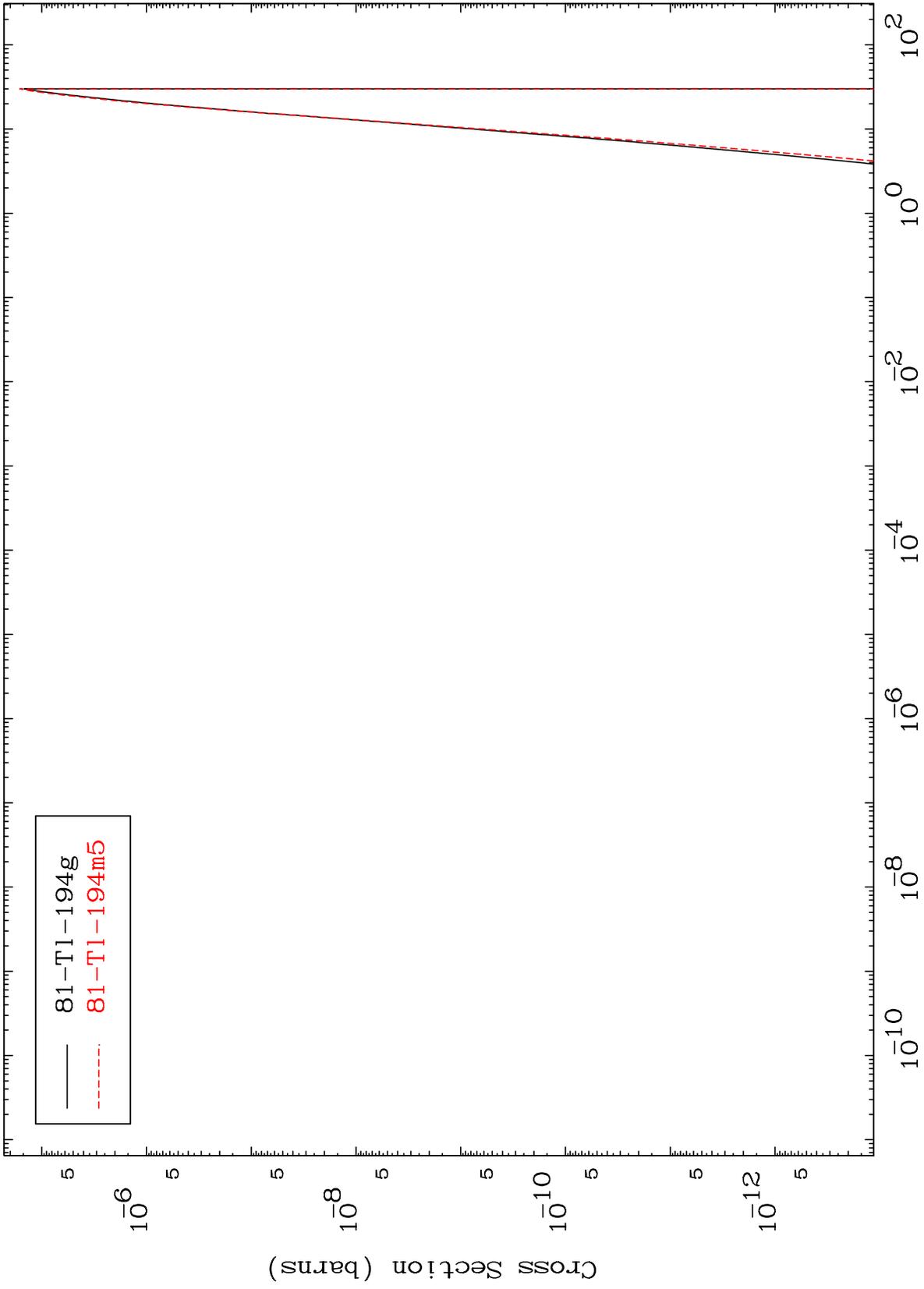
62

85-At-201

MAT 8519

85-At-201

Radionuclide Production Cross Section
(n,2α)



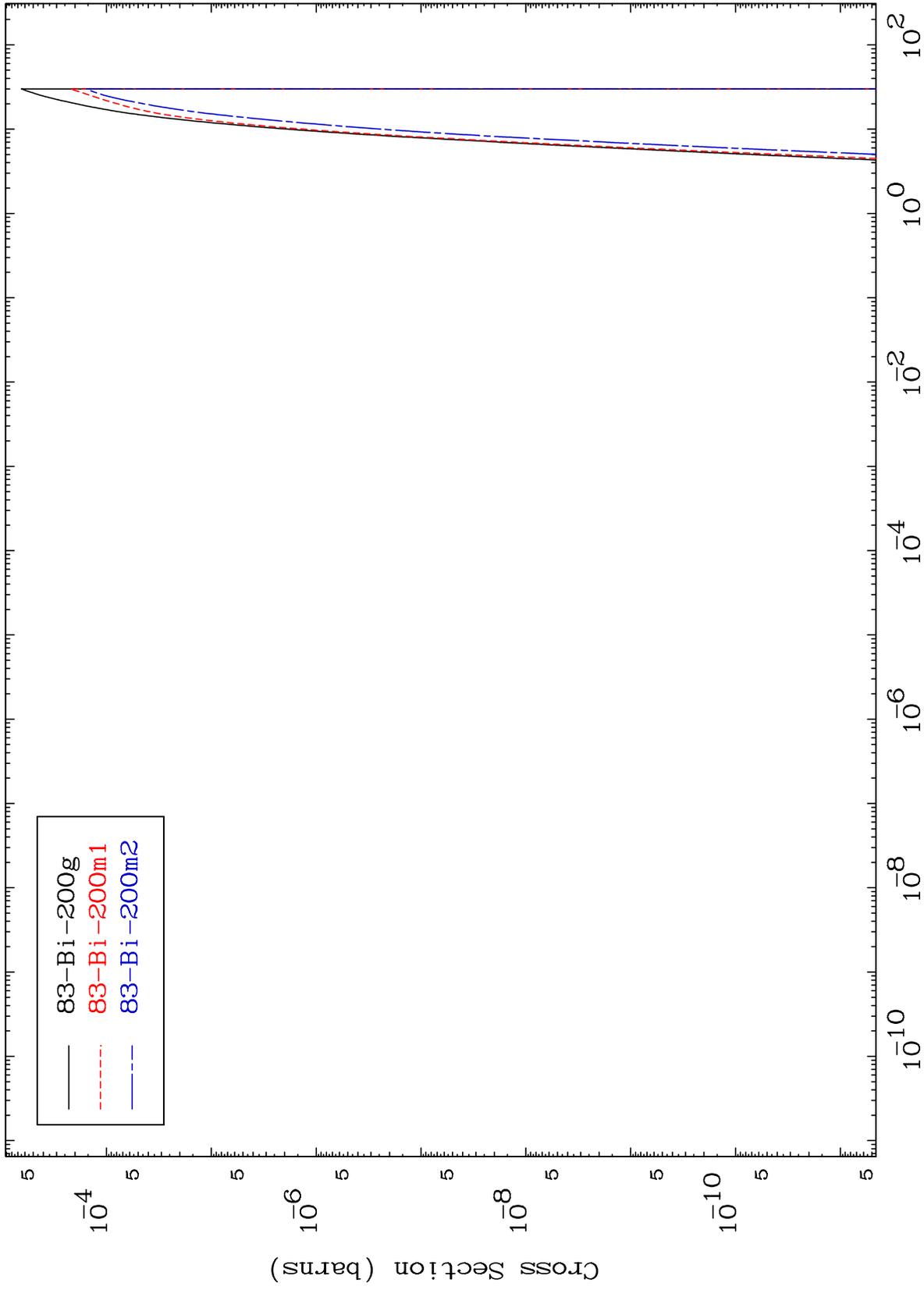
63

85-At-201

MAT 8519

85-At-201

(n,2p)
Radionuclide Production Cross Section



64

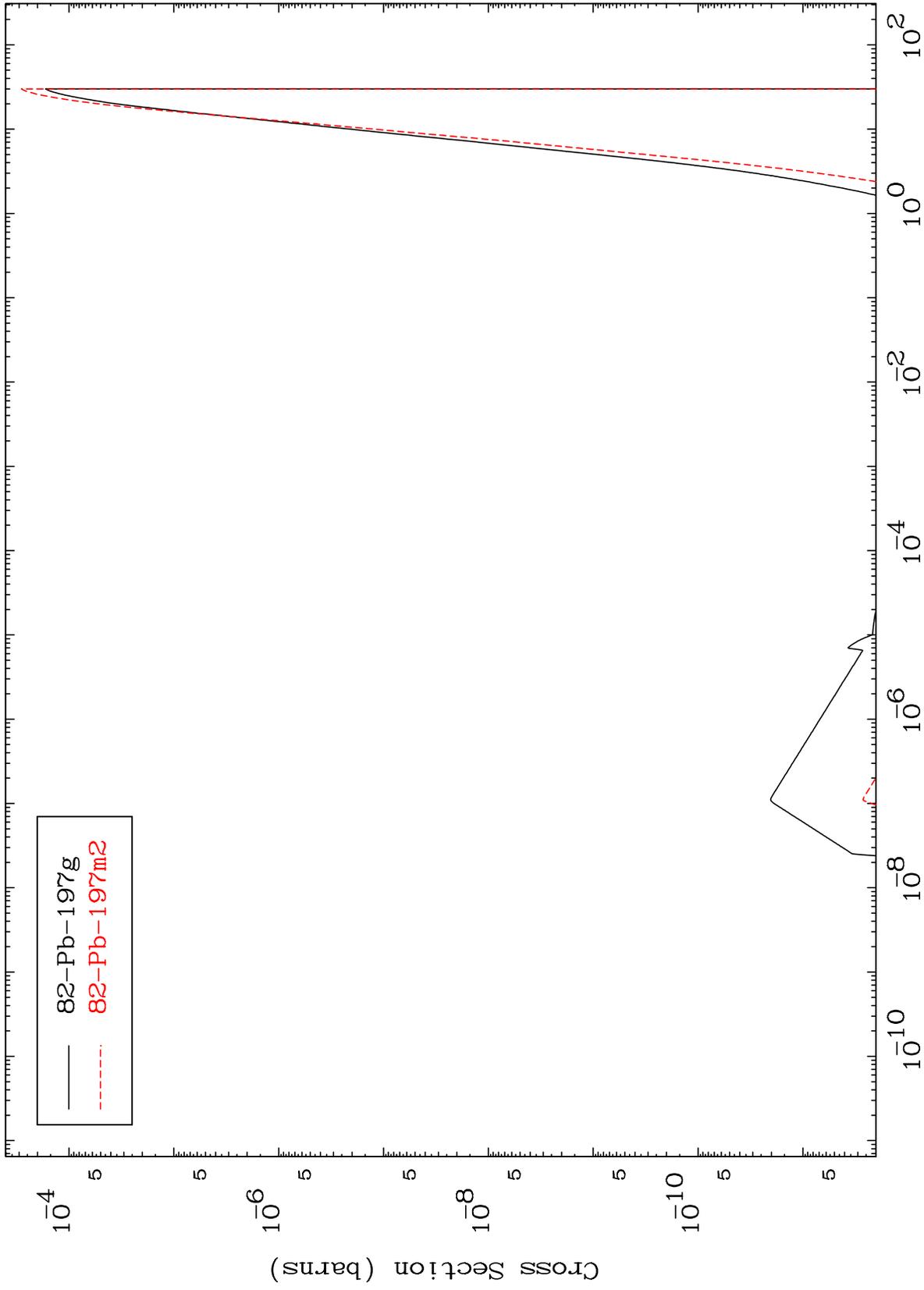
85-At-201

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(n,p) α

85-At-201

Radionuclide Production Cross Section



65

Incident Energy (MeV)

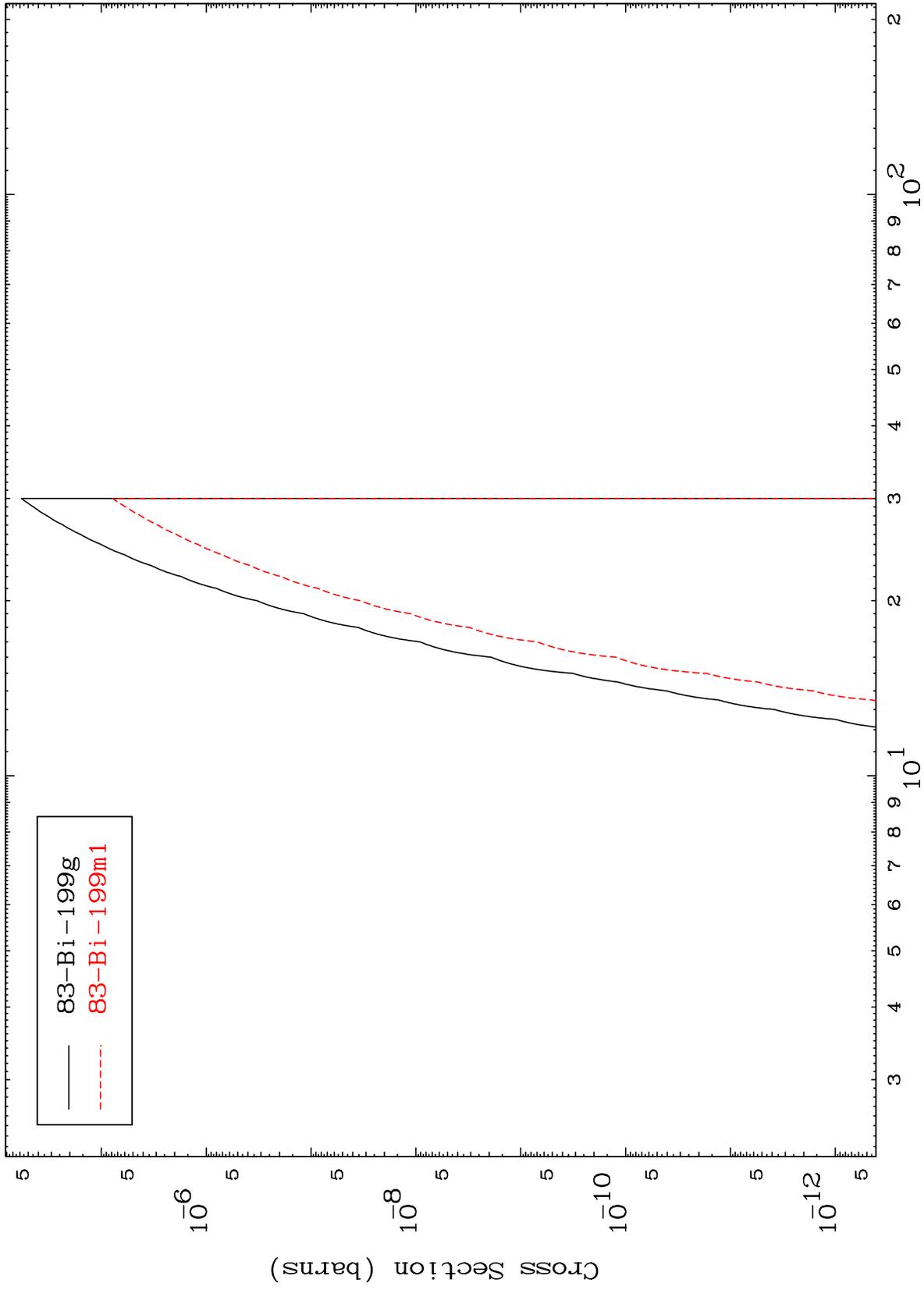
85-At-201

MAT 8519

(n,p) d

85-At-201

Radionuclide Production Cross Section



66

Incident Energy (MeV)

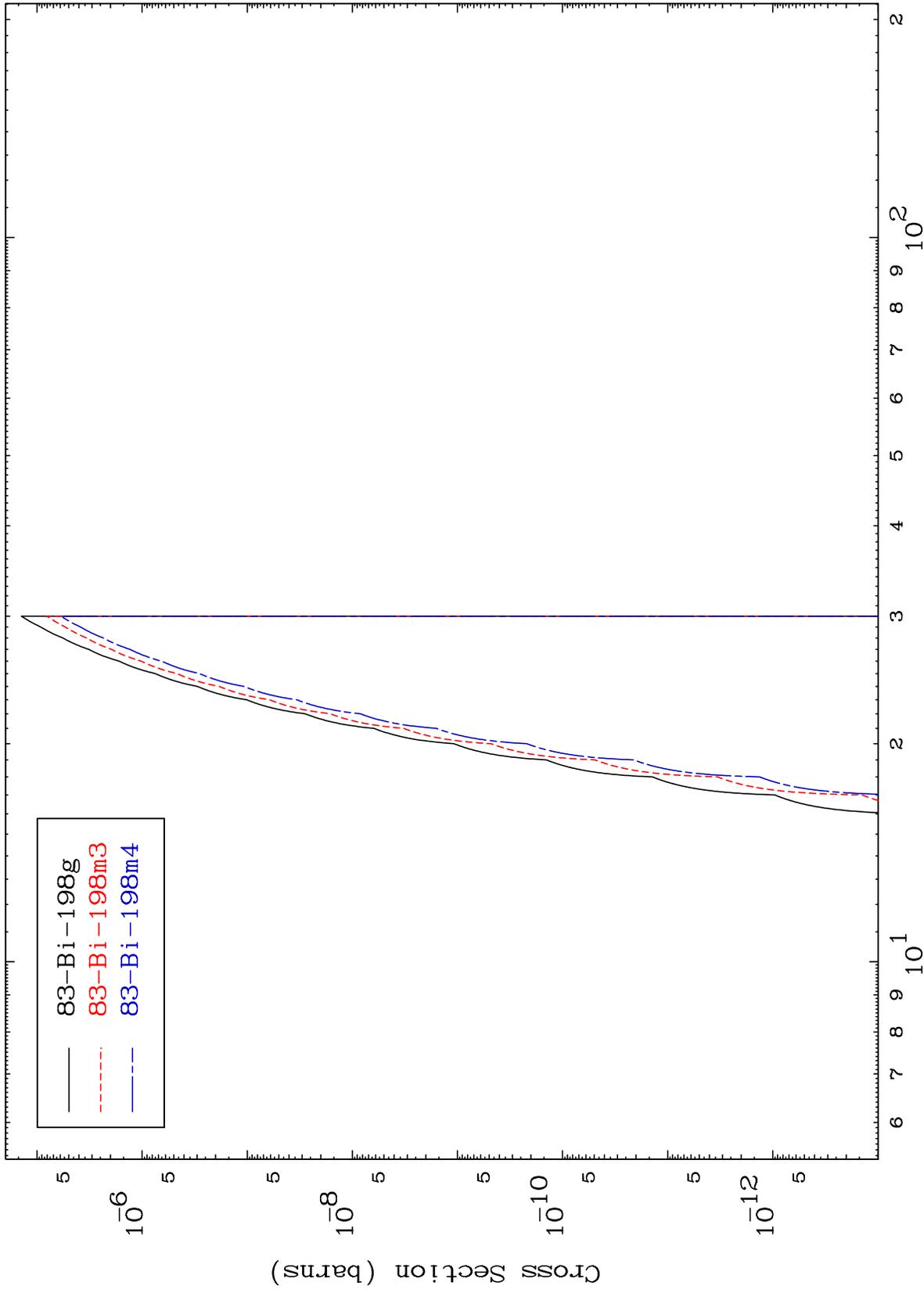
85-At-201

MAT 8519

(n,p) t

85-At-201

Radionuclide Production Cross Section



67

Incident Energy (MeV)

85-At-201