

Program EVALPLOT
(Version 2018-1)

by

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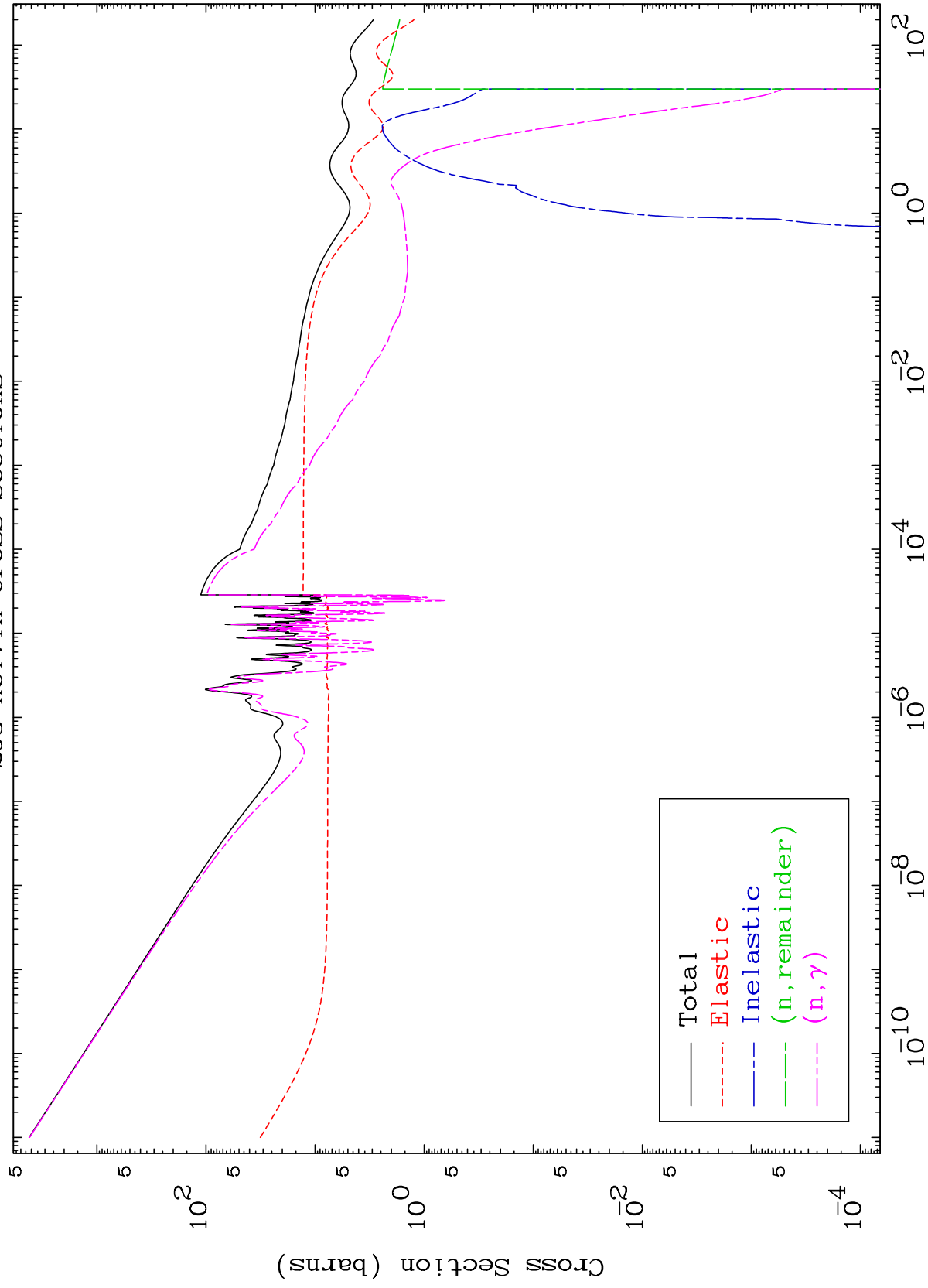
Press Mouse Button to Start

MAT 8295

Major

293 Kelvin Cross Sections

83-Bi-199



1

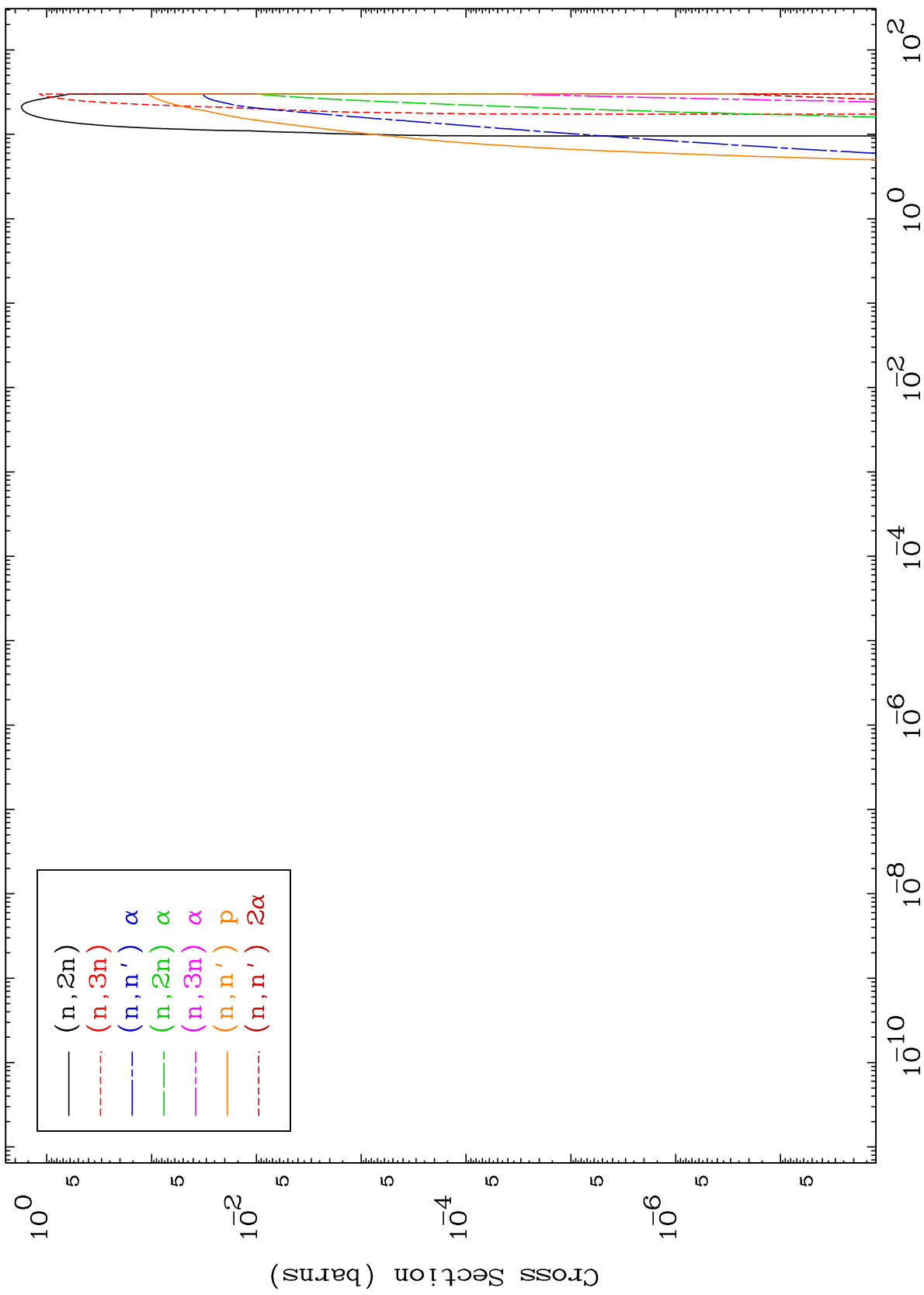
Incident Energy (MeV)

83-Bi-199

MAT 8295

Neutron Production
293 Kelvin Cross Sections

83-Bi-199



2

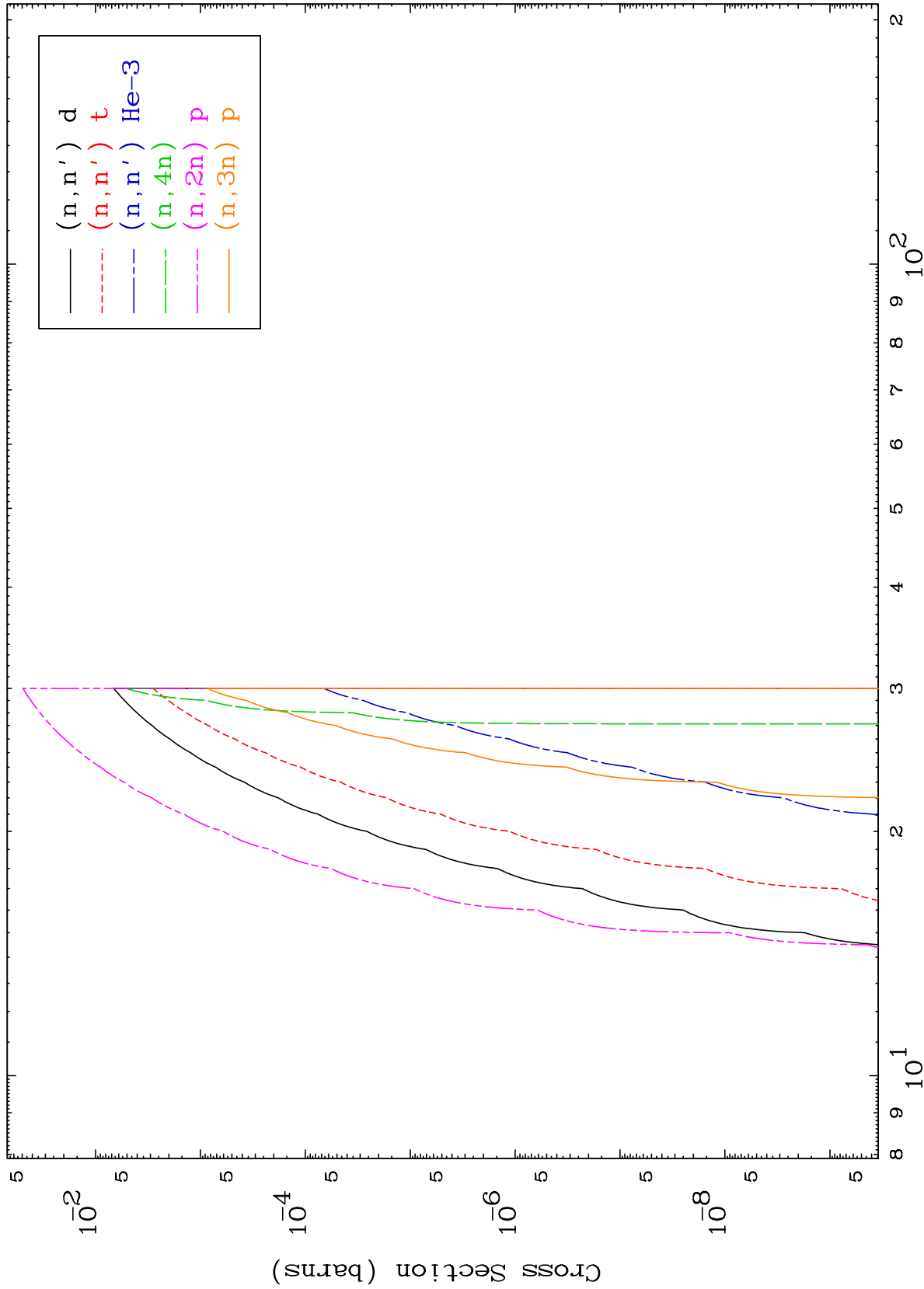
Incident Energy (MeV)

83-Bi-199

MAT 8295

Neutron Production
293 Kelvin Cross Sections

83-Bi-199



3

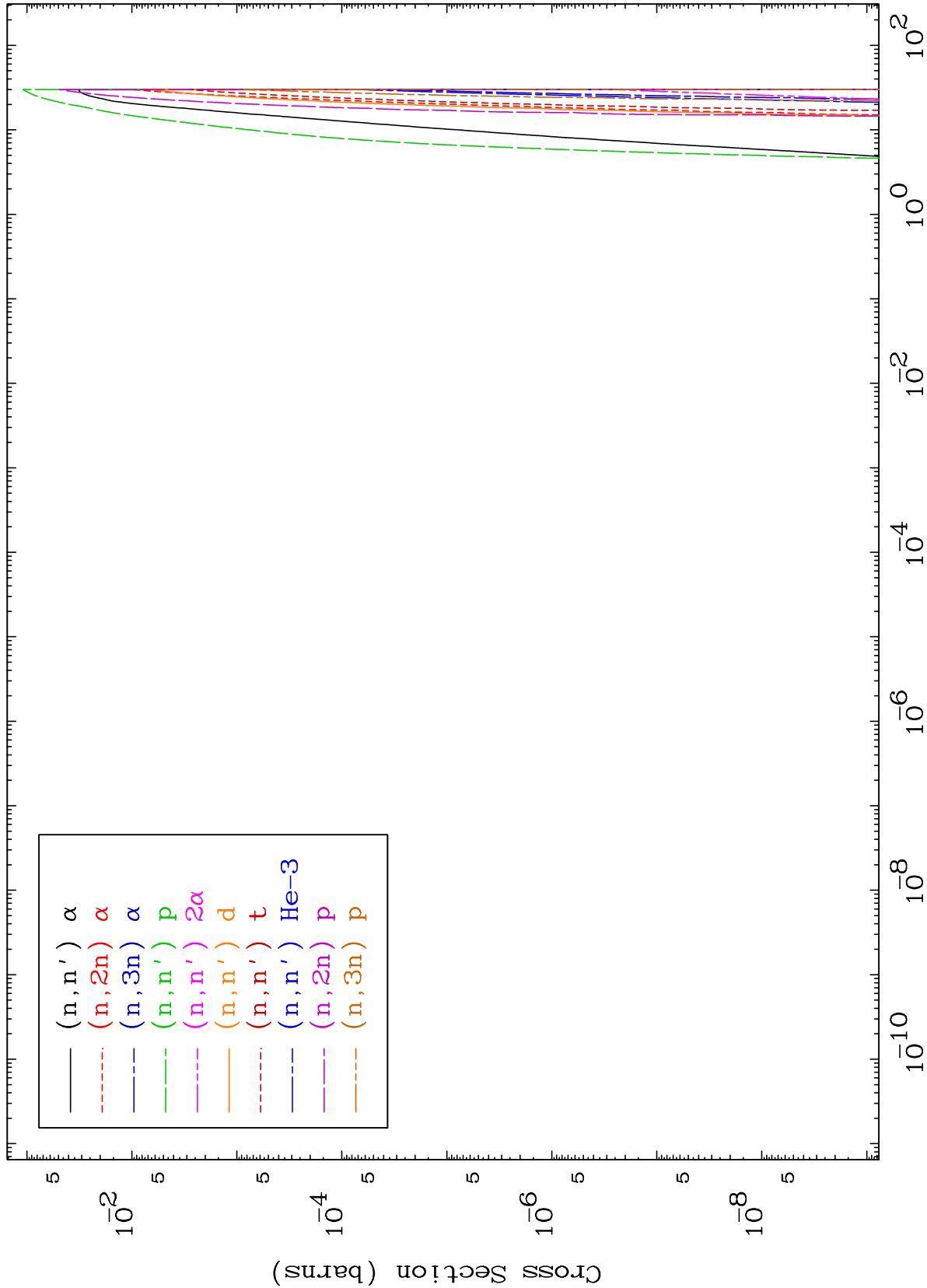
Incident Energy (MeV)

83-Bi-199

MAT 8295

Charged Particle
293 Kelvin Cross Sections

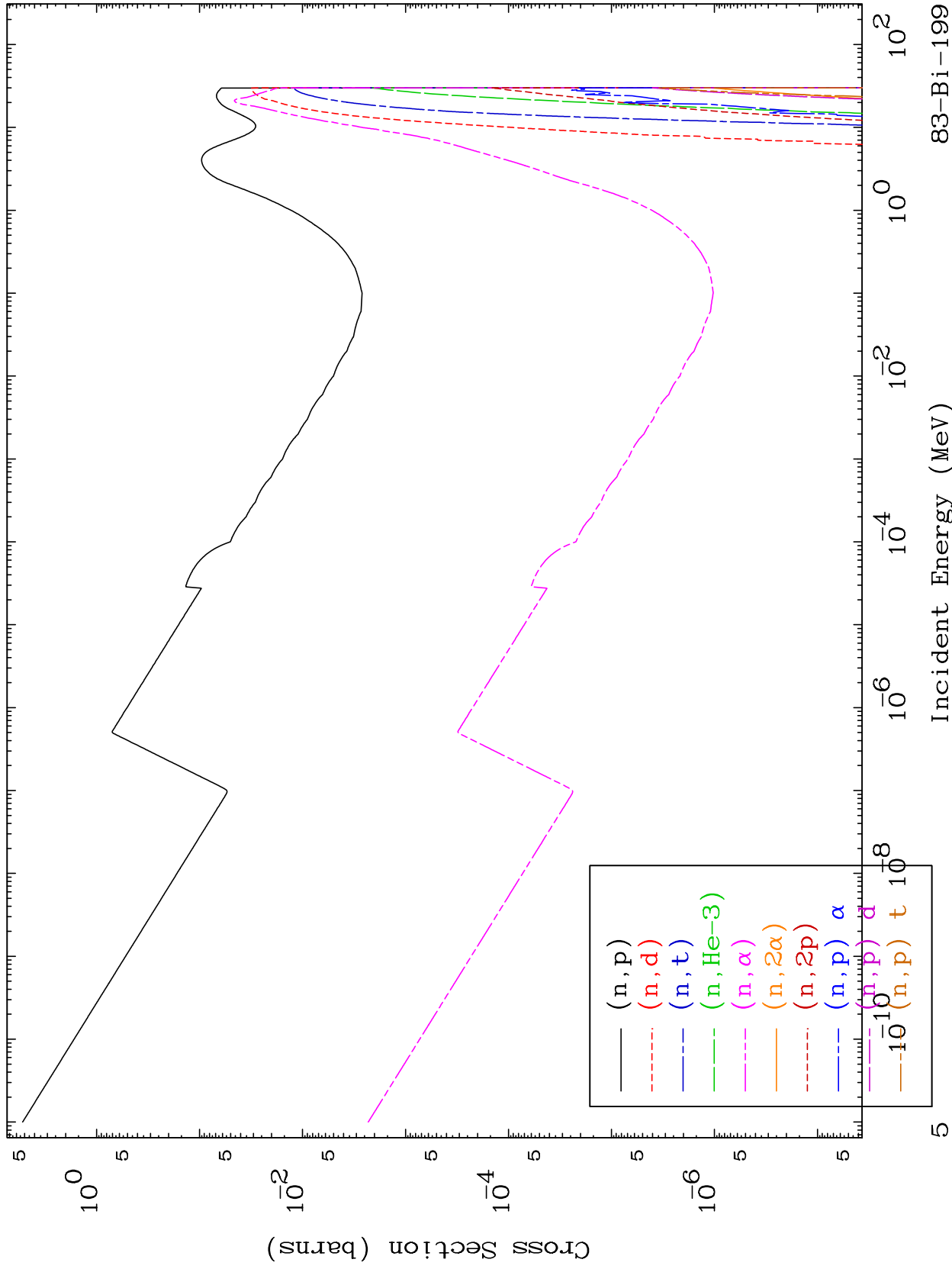
83-Bi-199



MAT 8295

Charged Particle
293 Kelvin Cross Sections

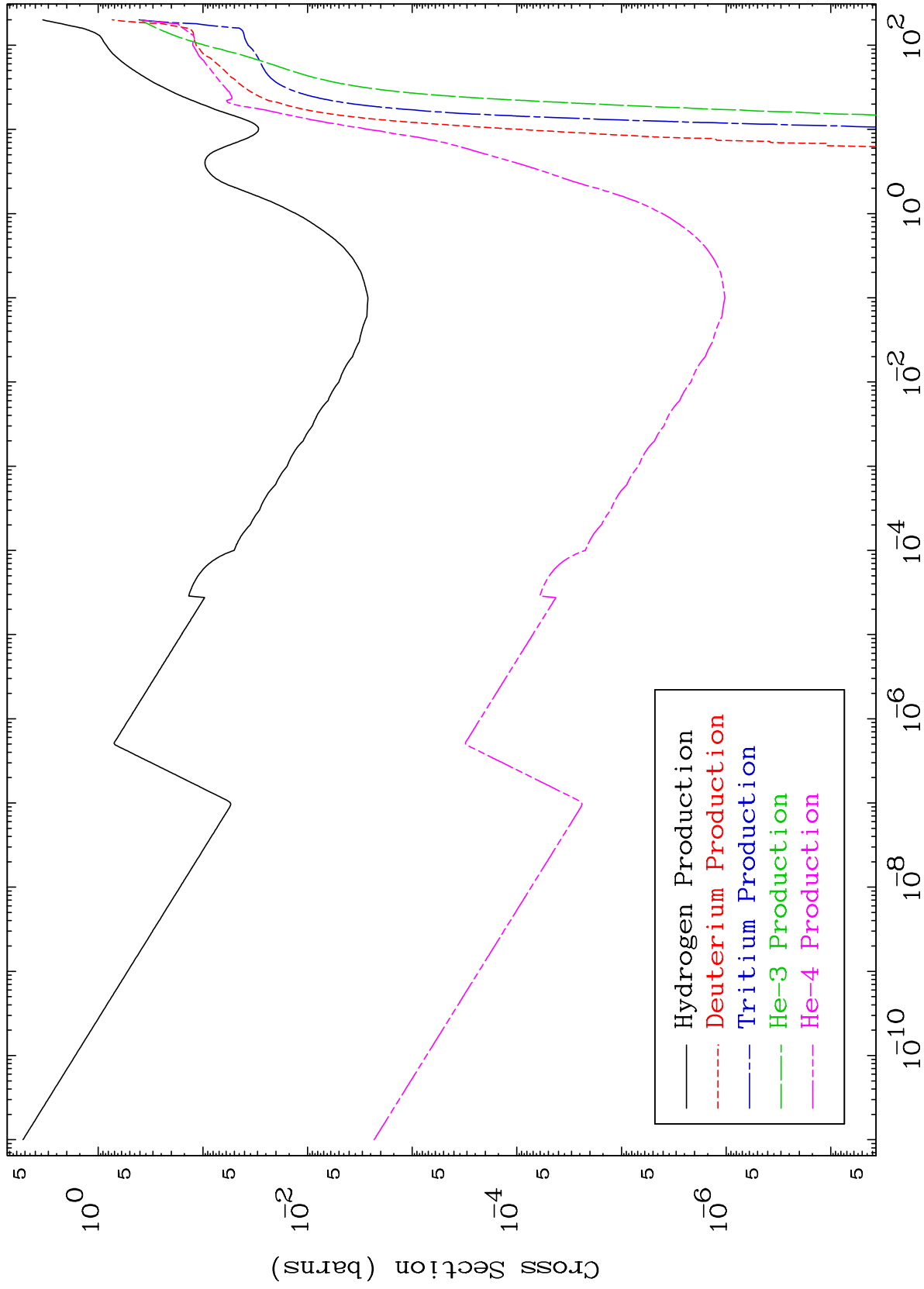
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MAT 8295

Particle Production
293 Kelvin Cross Sections

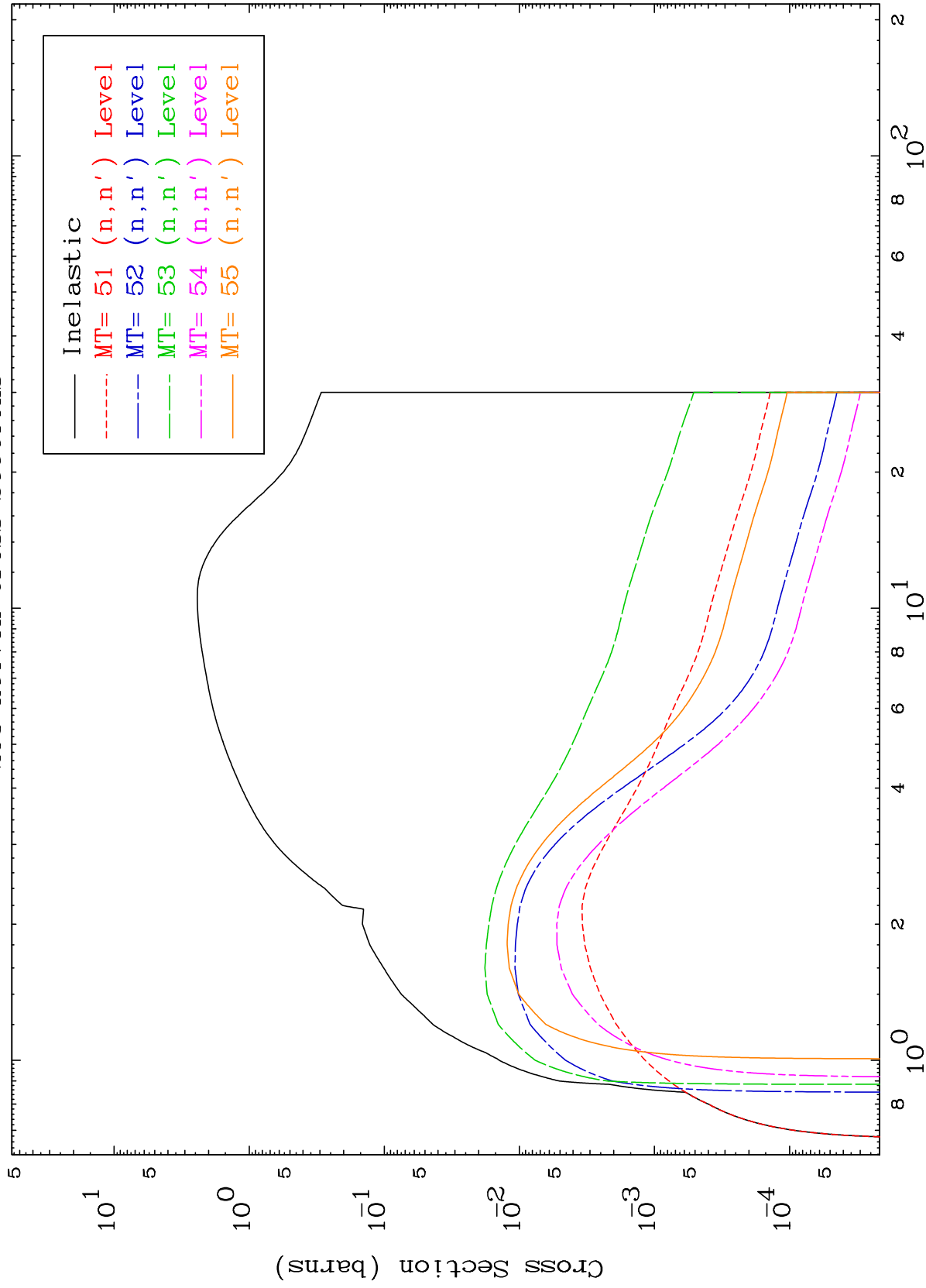
83-Bi-199



6

Incident Energy (MeV)

83-Bi-199

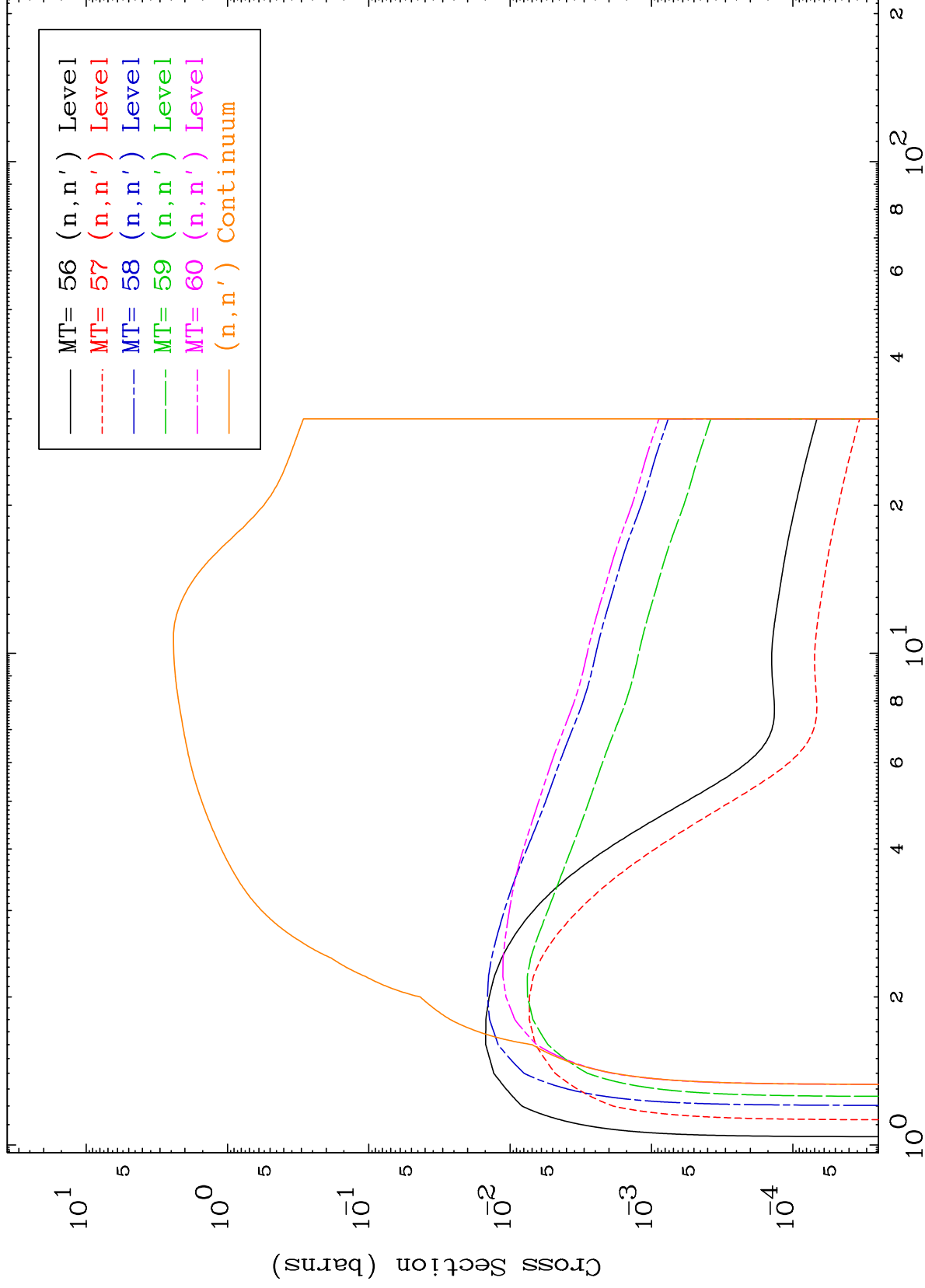


MAT 8295

(n,n') Level

293 Kelvin Cross Sections

83-Bi-199



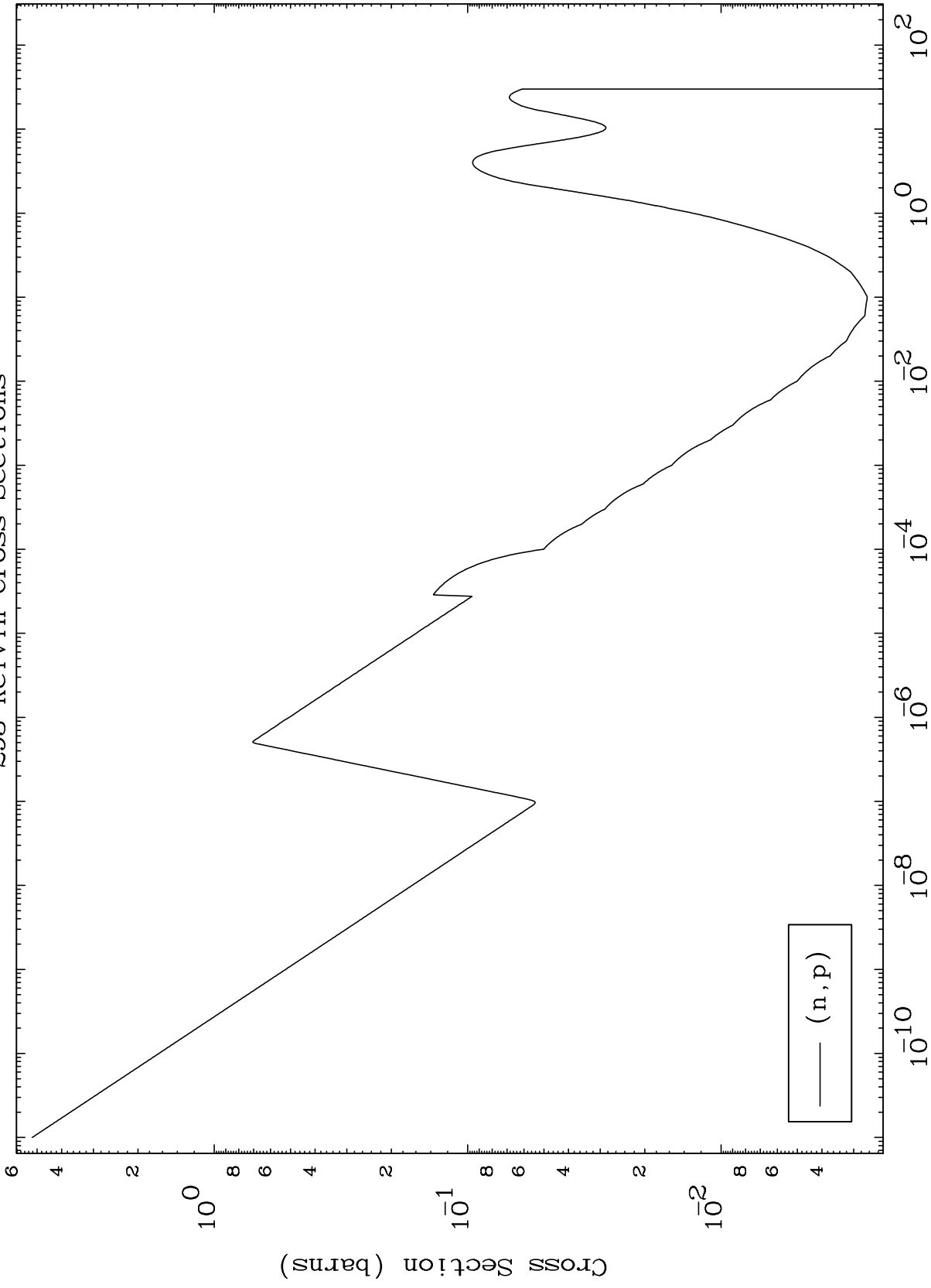
Incident Energy (MeV)

83-Bi-199

MAT 8295

(n,p) Levels
293 Kelvin Cross Sections

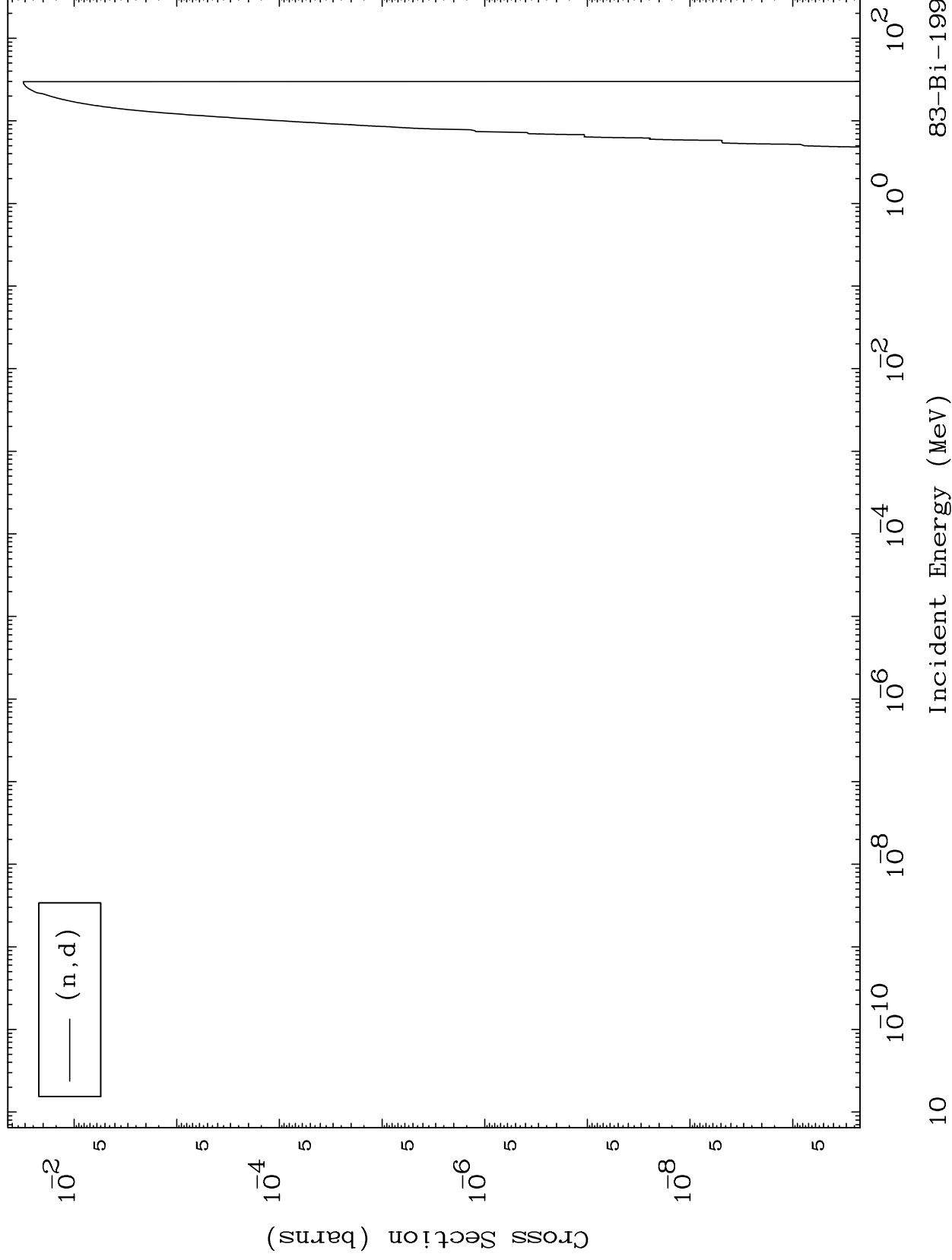
83-Bi-199



MAT 8295

(n,d) Levels
293 Kelvin Cross Sections

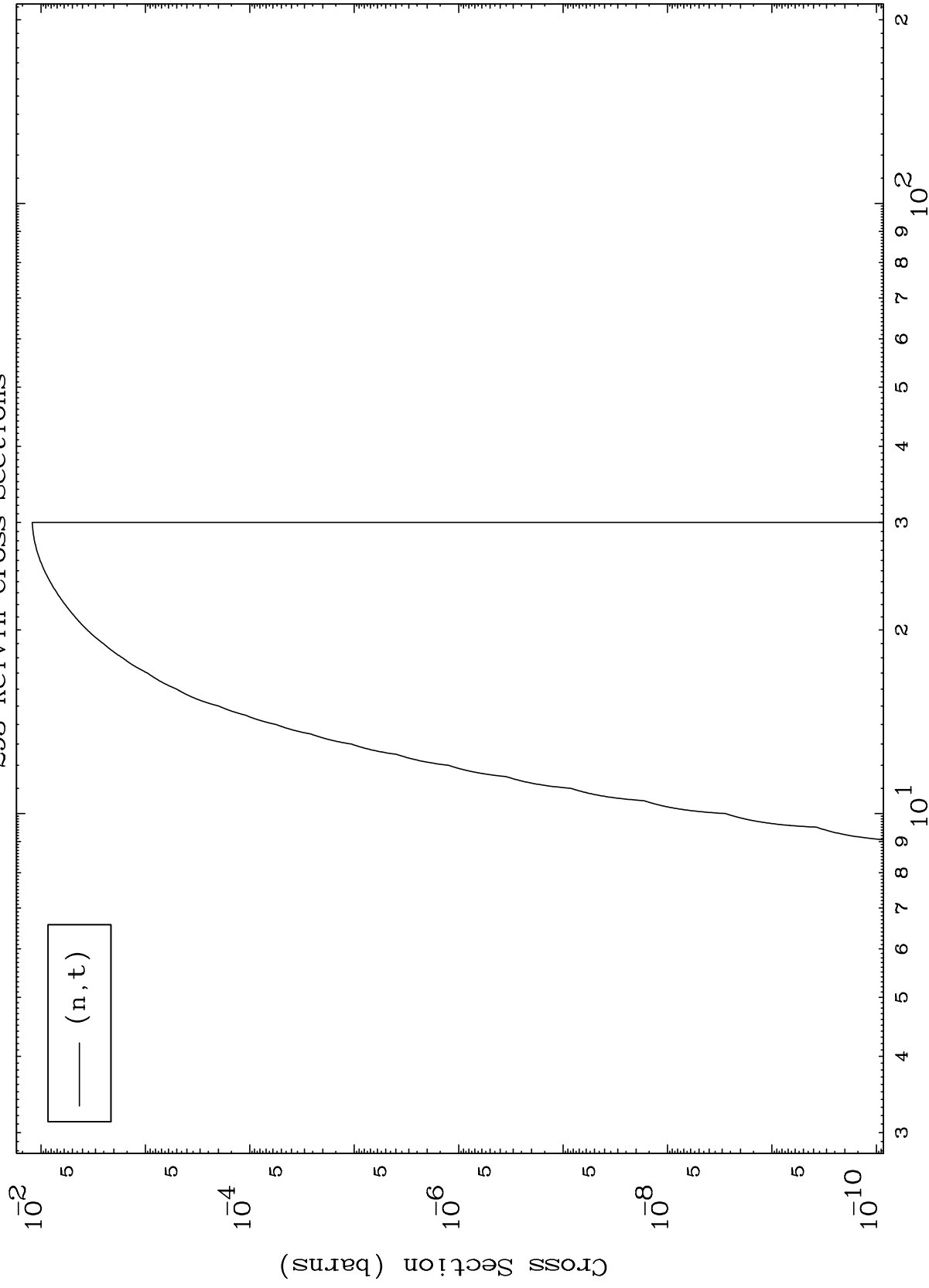
83-Bi-199



MAT 8295

83-Bi-199

(n,t) Levels
293 Kelvin Cross Sections



11

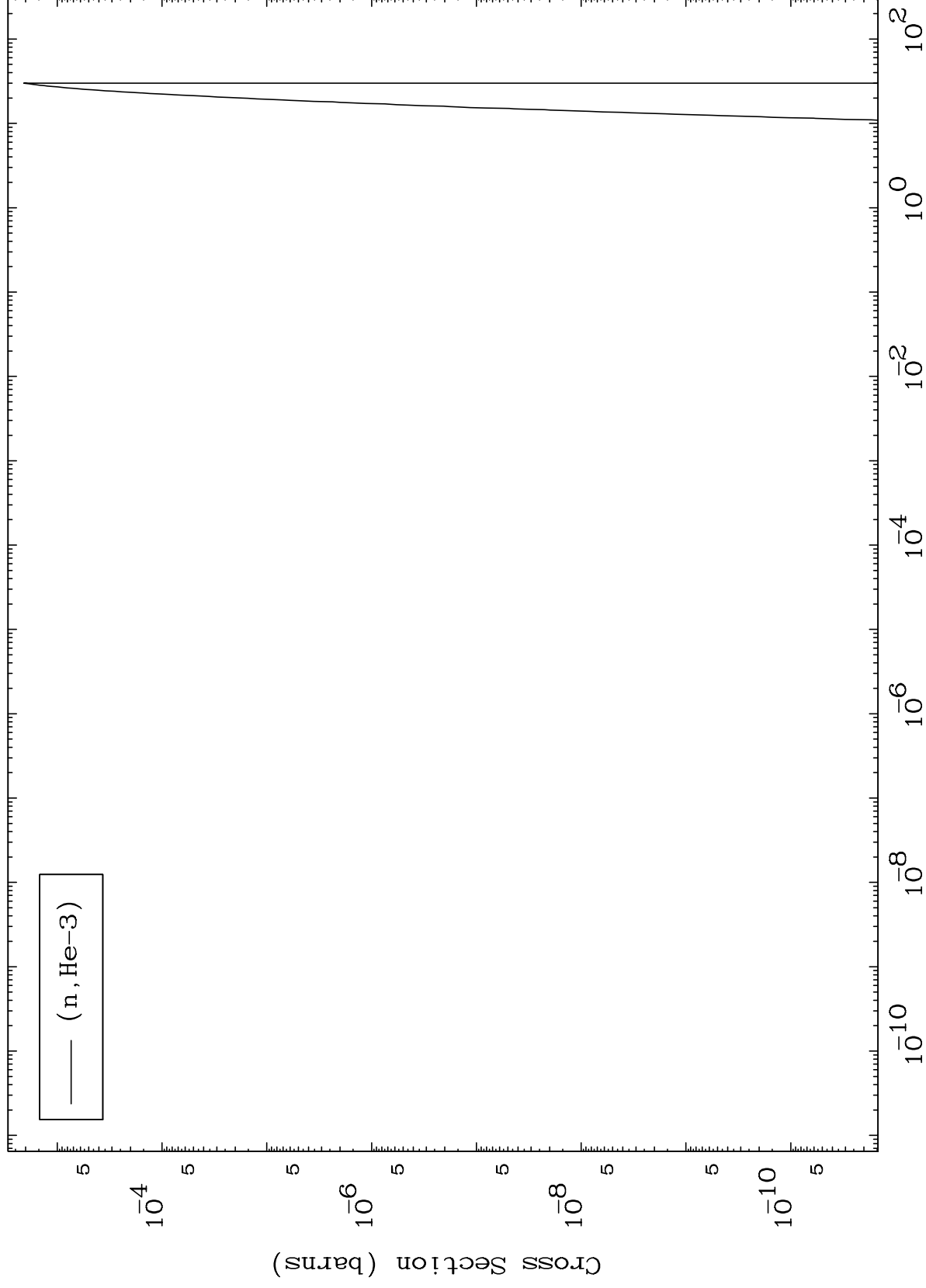
Incident Energy (MeV)

83-Bi-199

MAT 8295

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-199



12

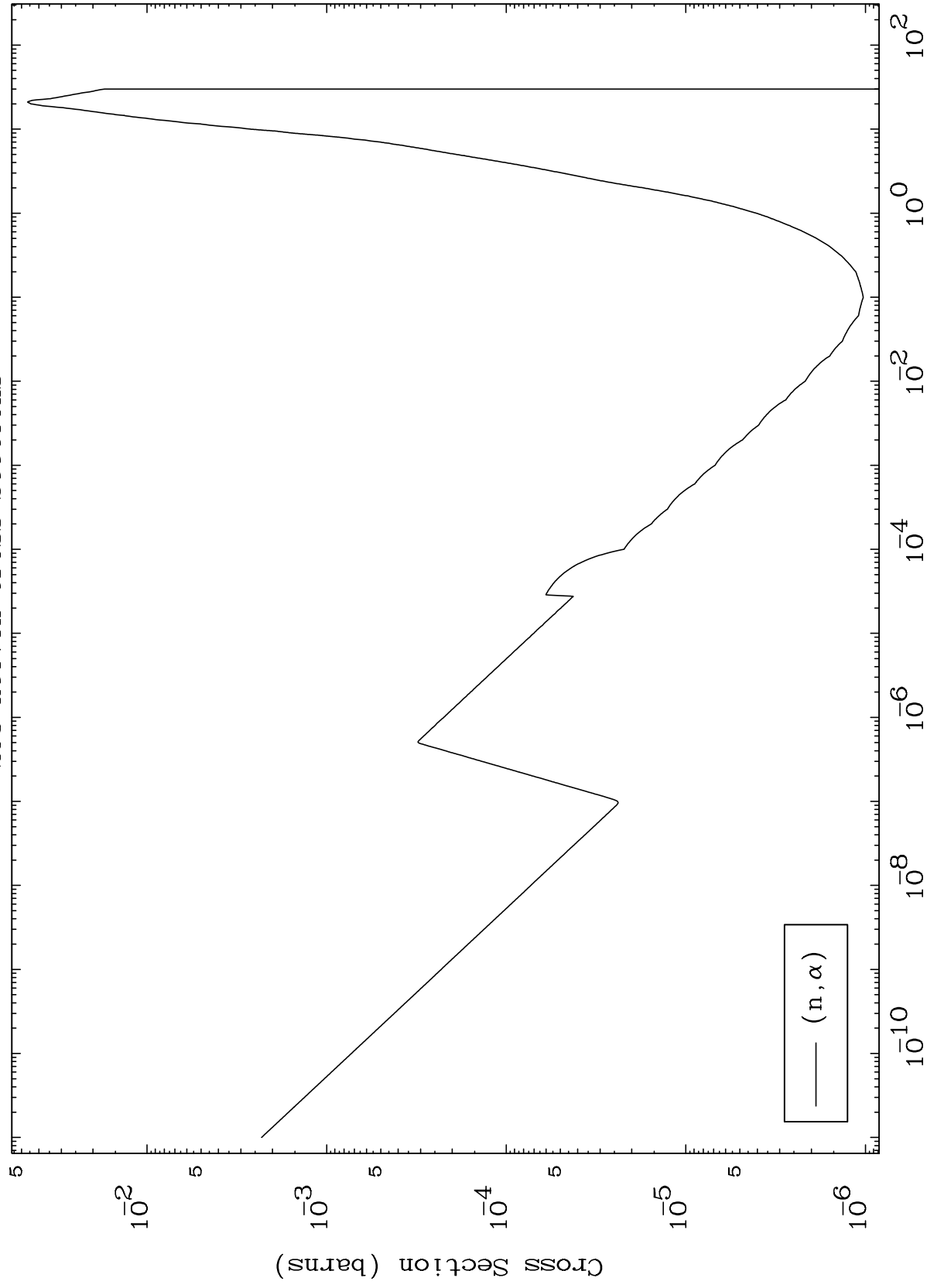
Incident Energy (MeV)

83-Bi-199

MAT 8295

(n, α) Levels
293 Kelvin Cross Sections

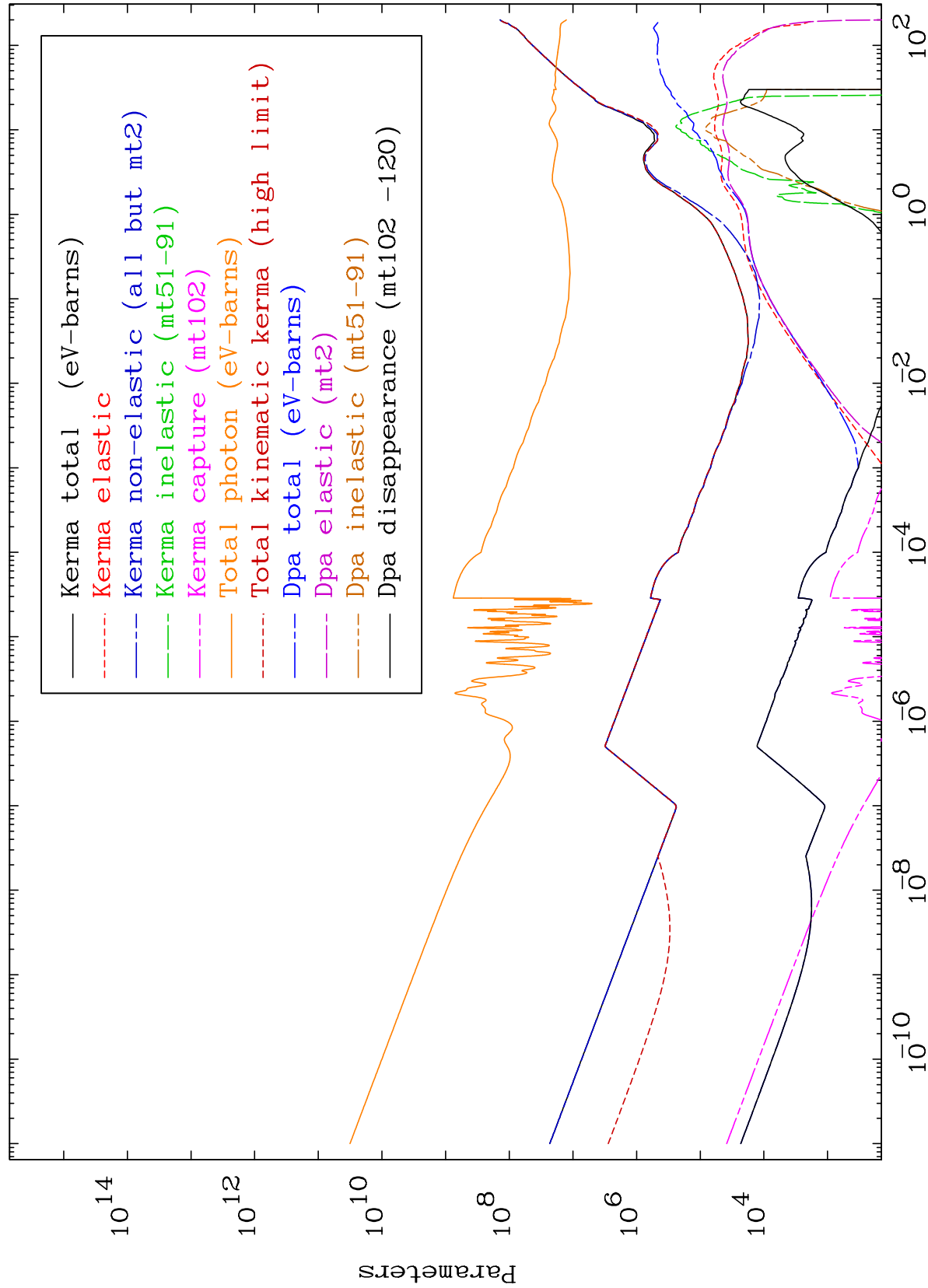
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13

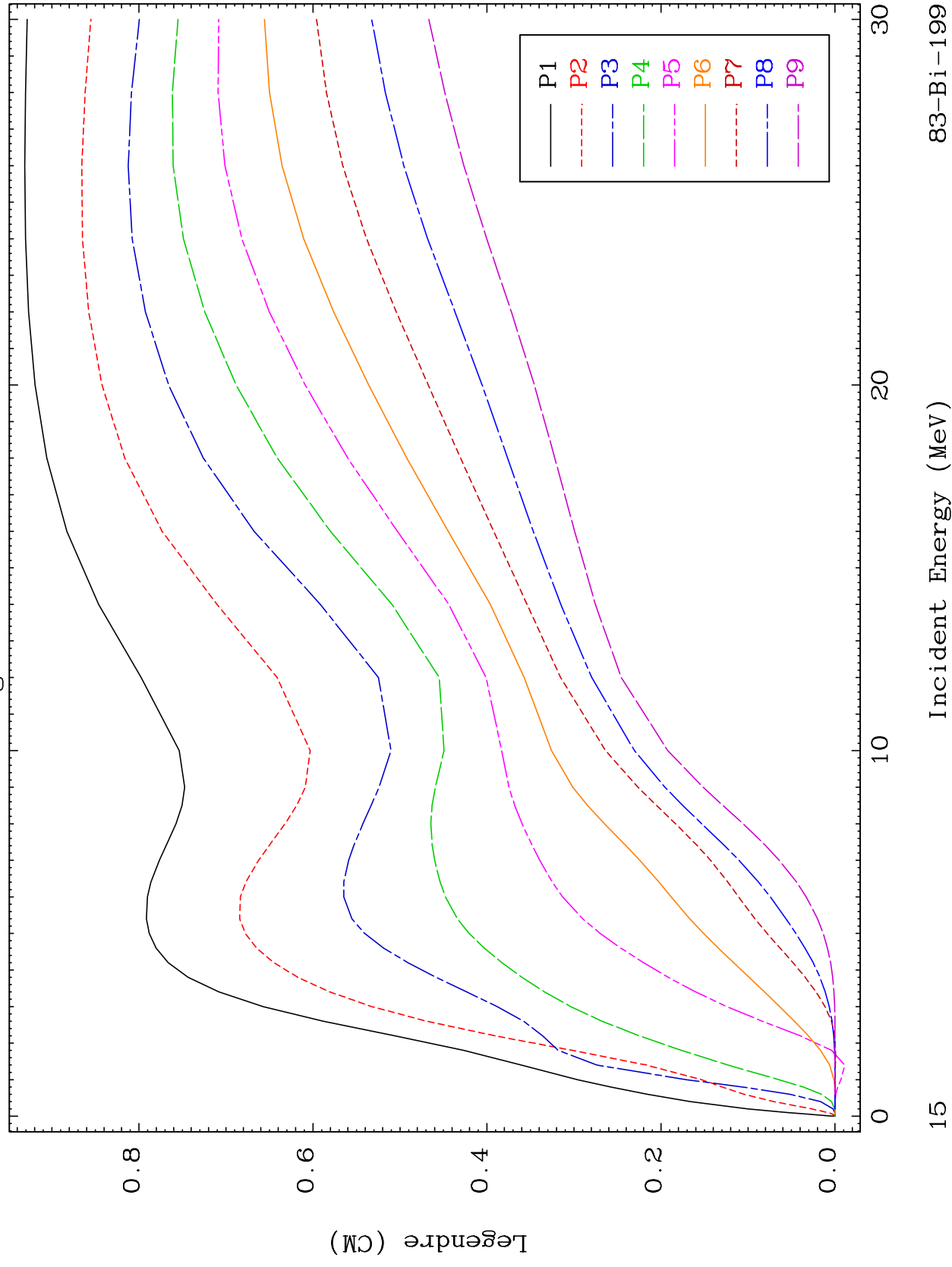
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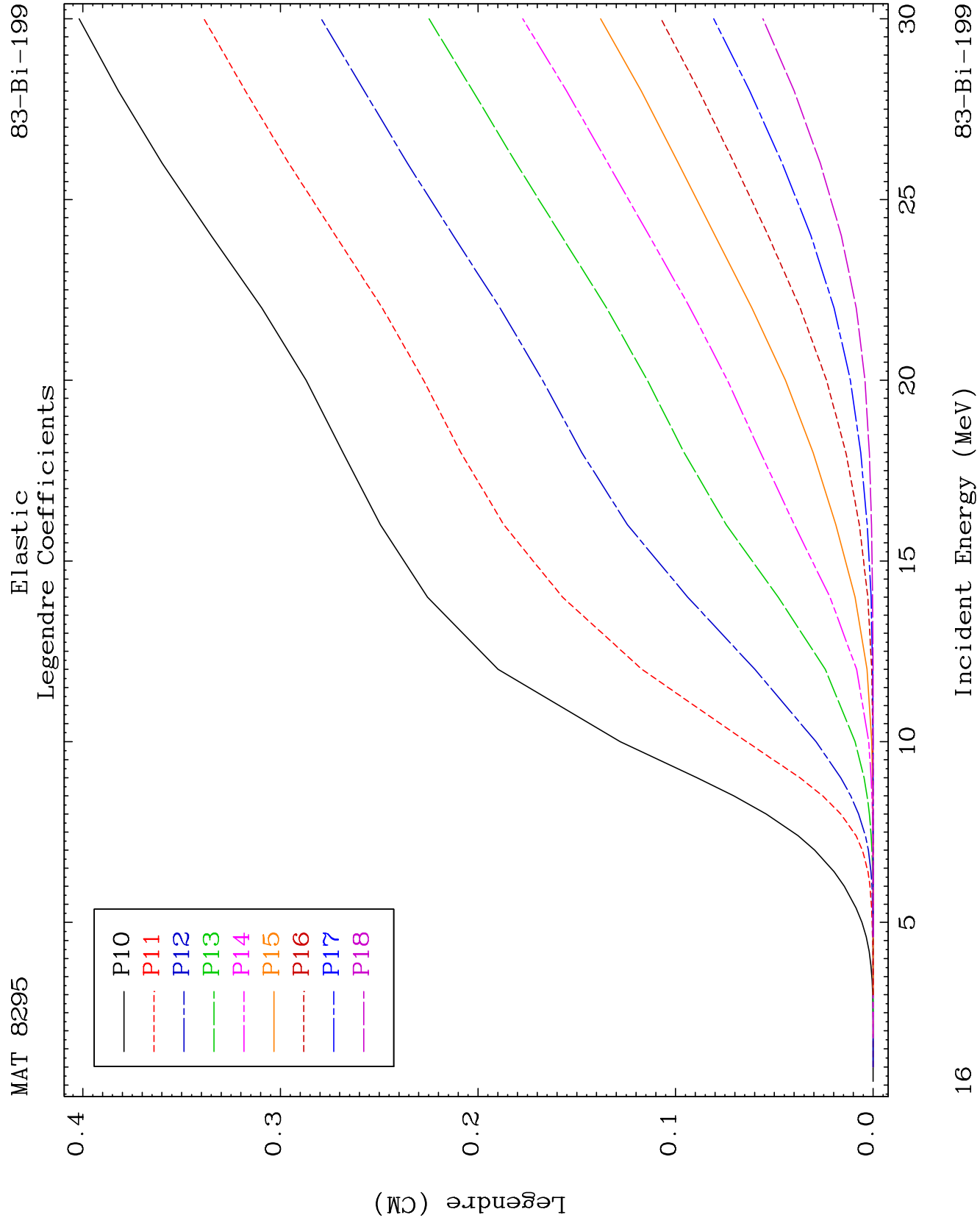
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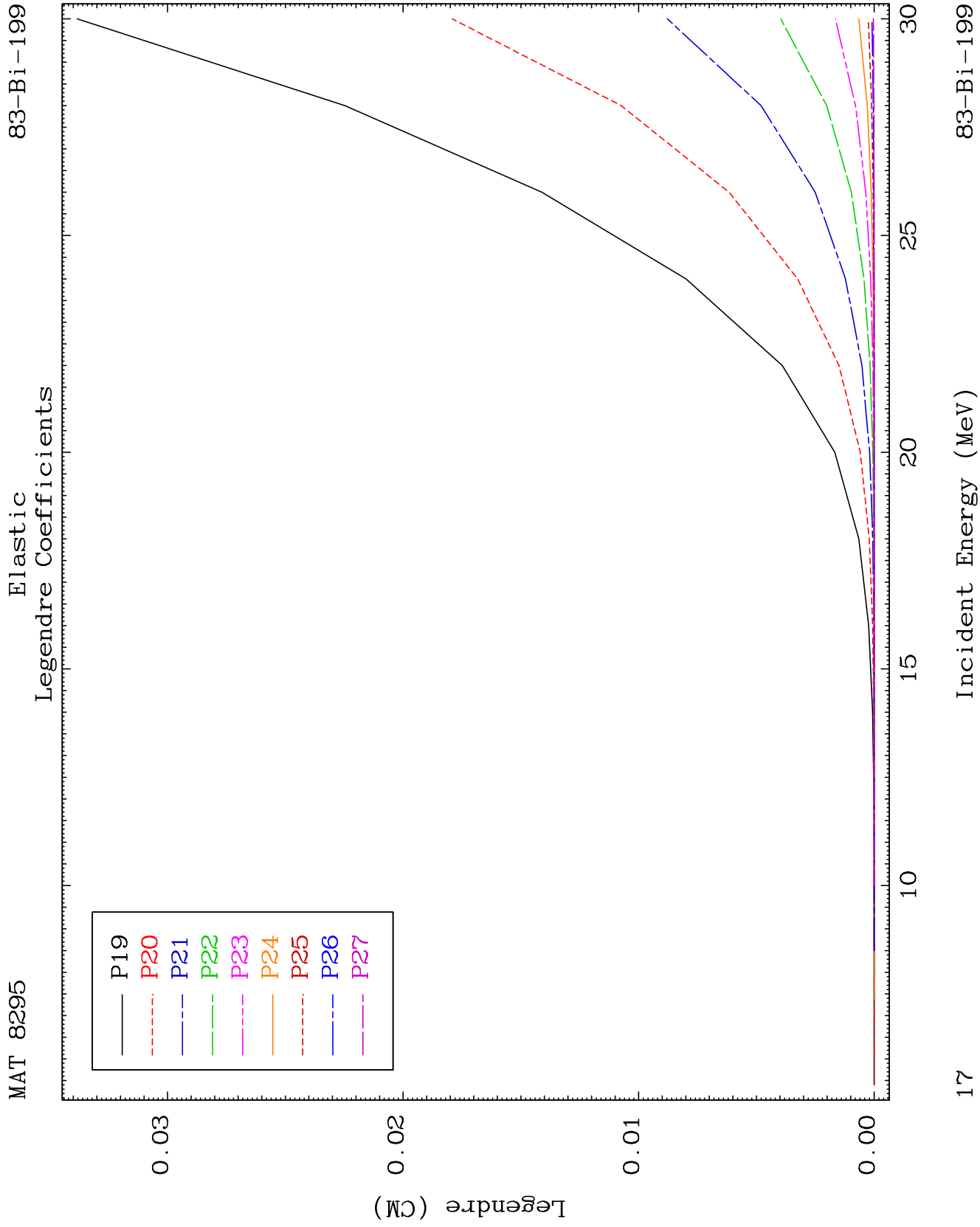


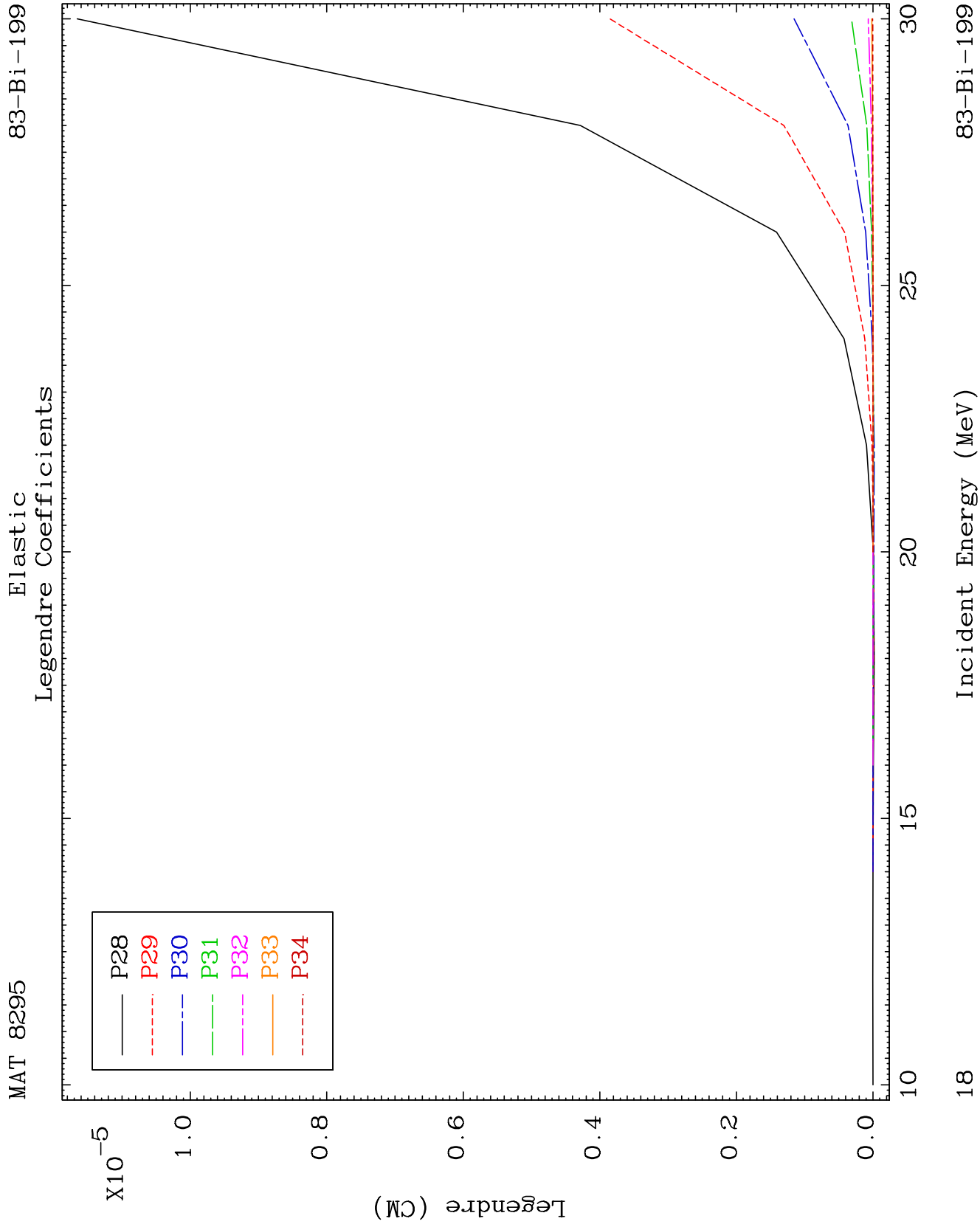
83-Bi-199

83-Bi-199





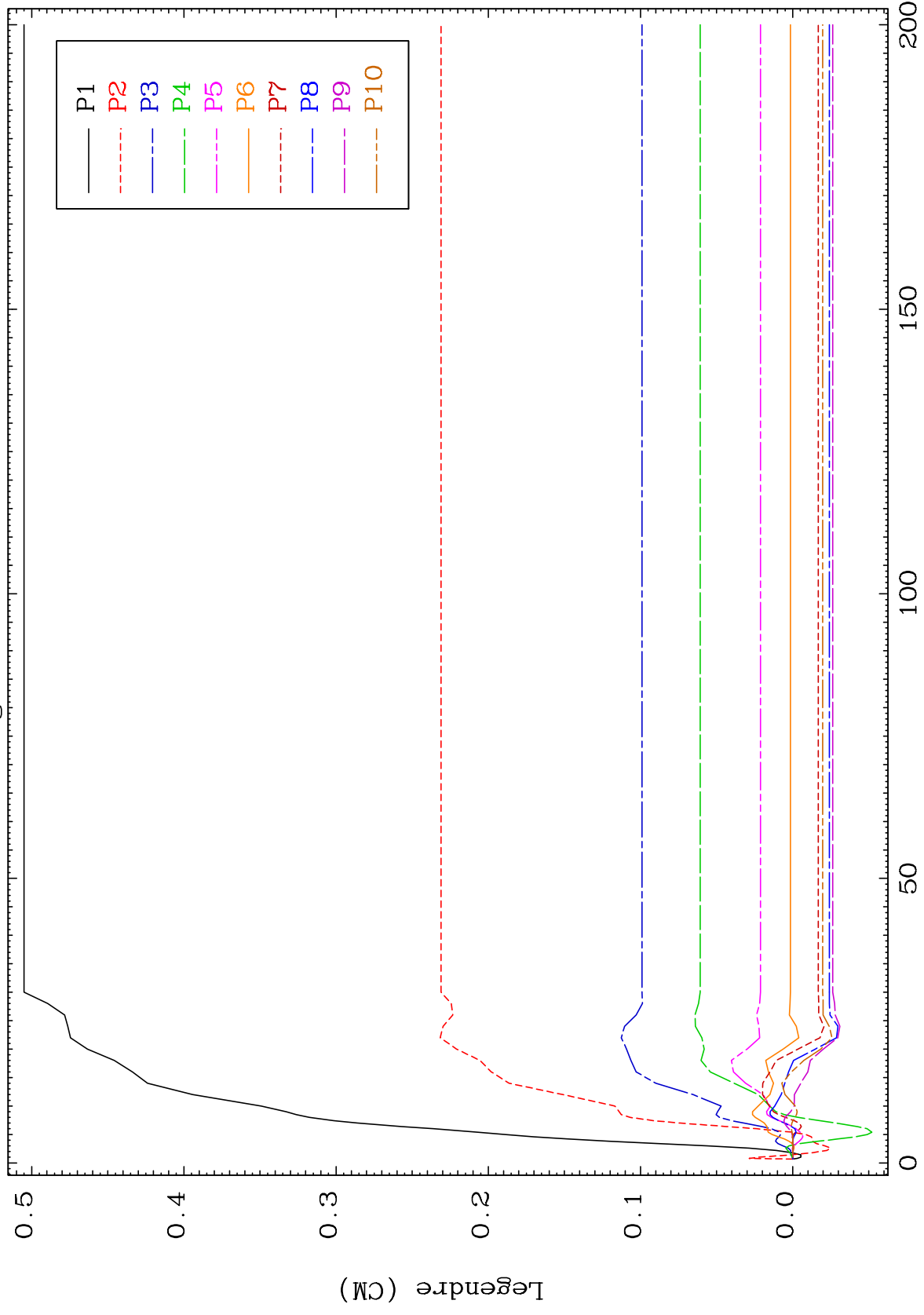




MAT 8295

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

83-Bi-199

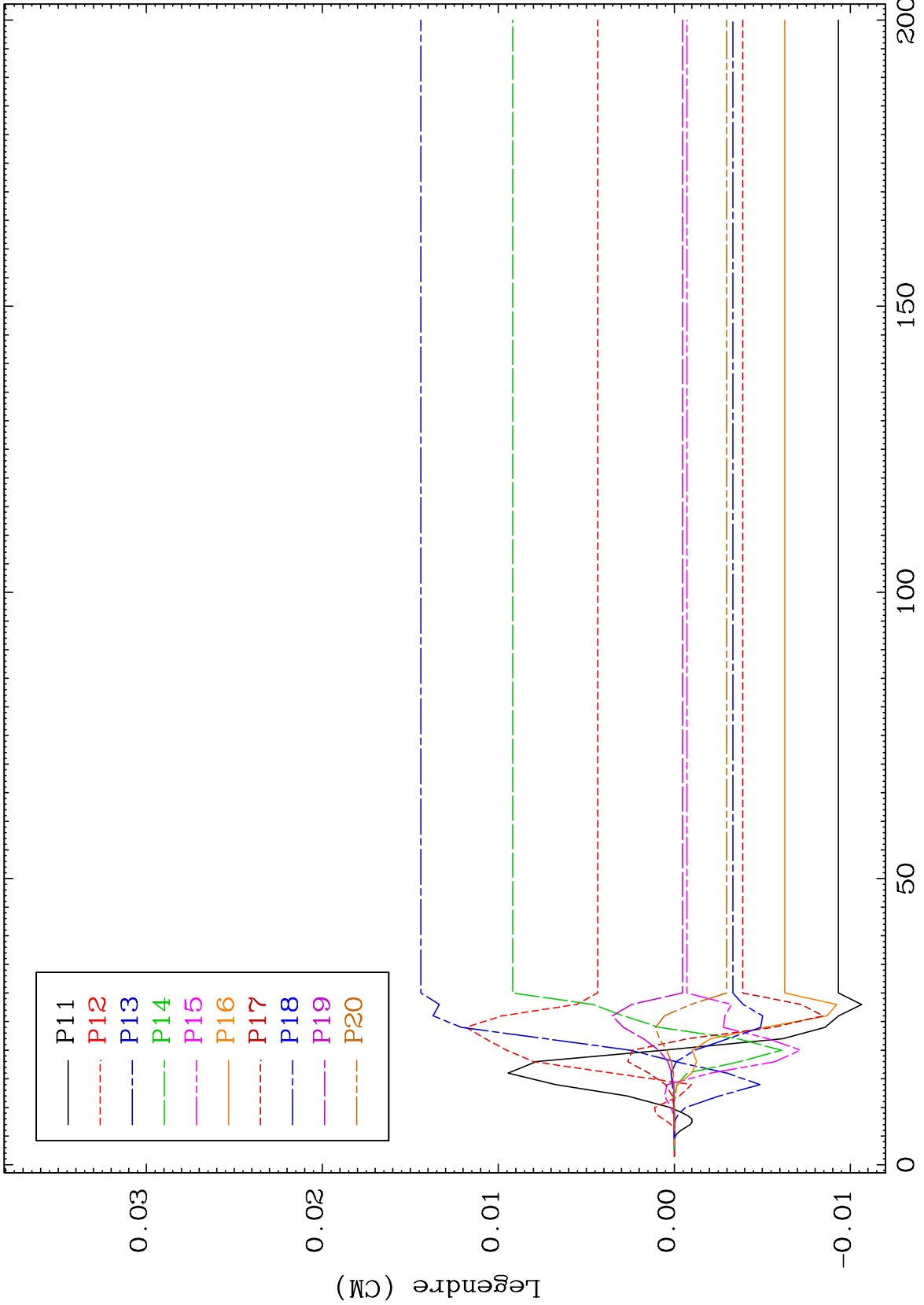


19

Incident Energy (MeV)

83-Bi-199

MAT 8295 MT= 51 (n,n') Level Legendre Coefficients 83-Bi-199

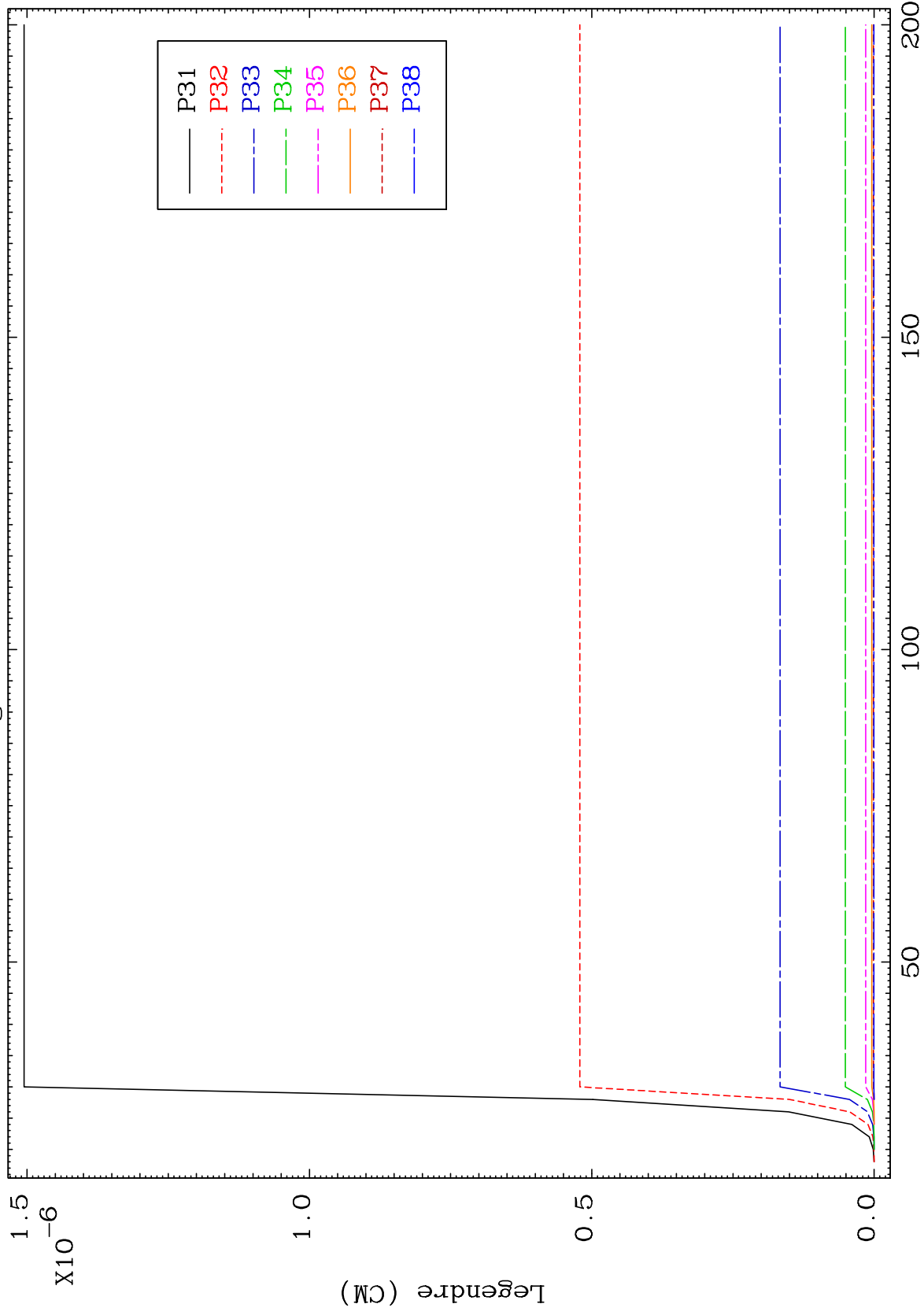


83-Bi-199

MAT 8295

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

83-Bi-199



22

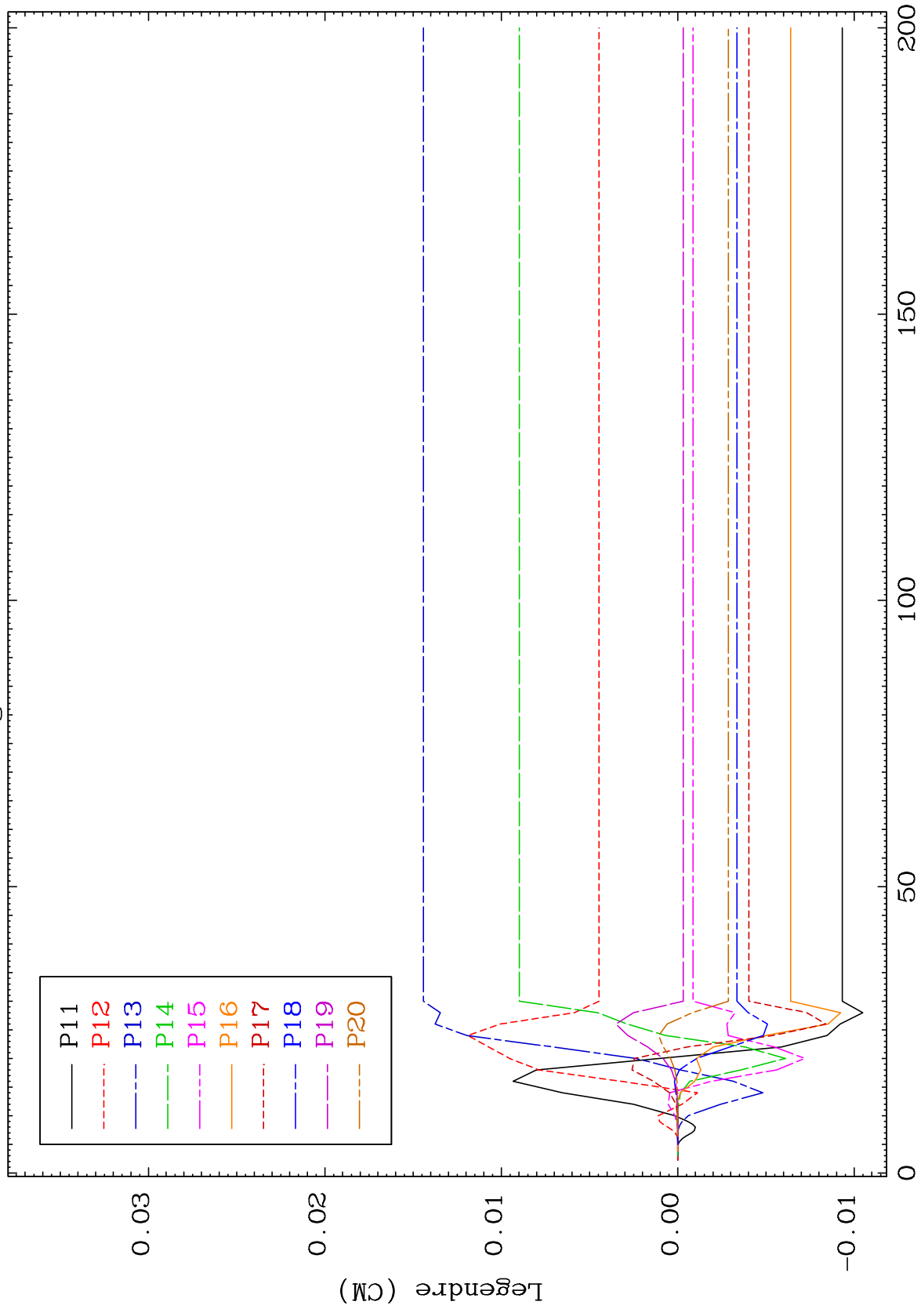
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

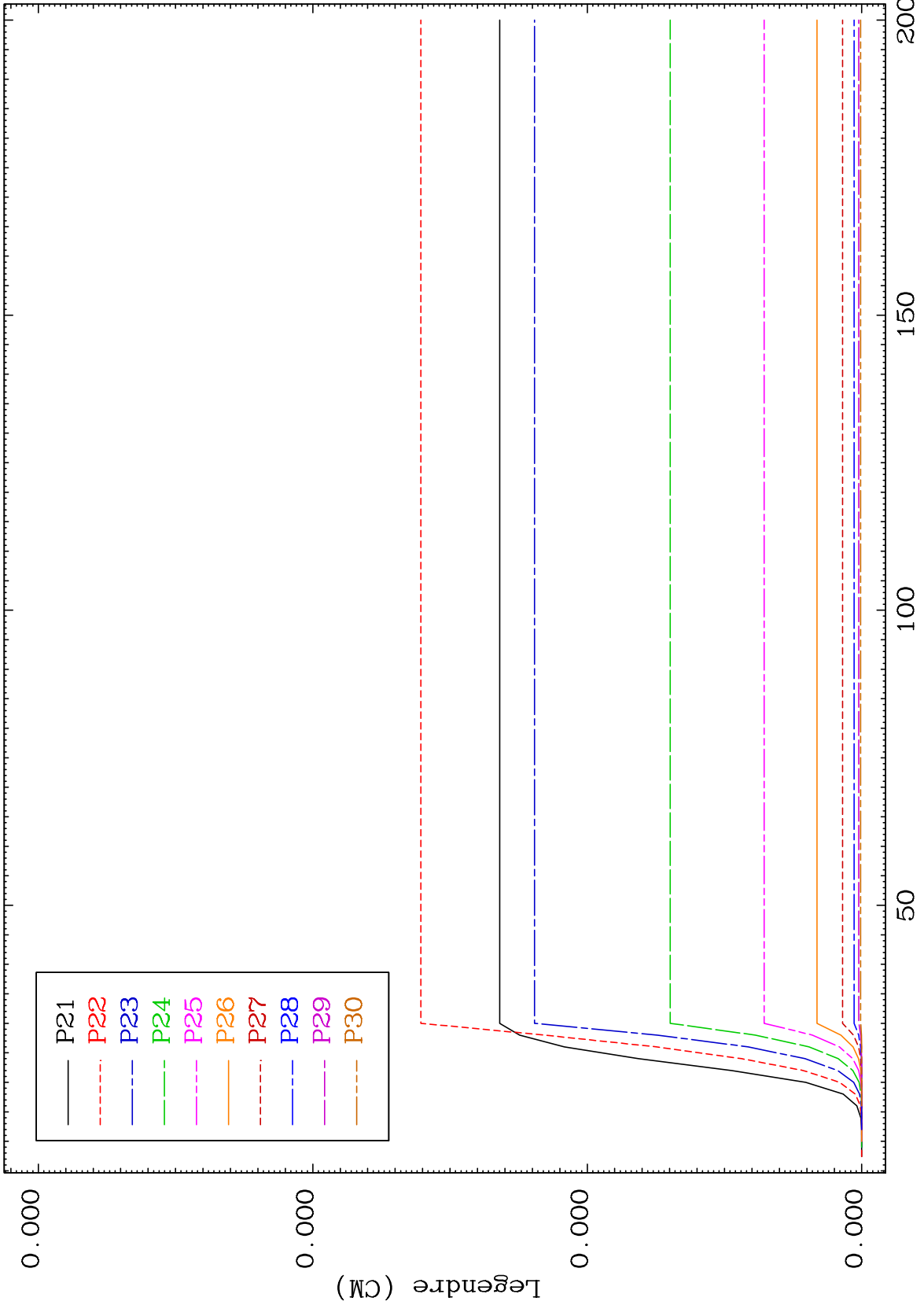
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24

Incident Energy (MeV)

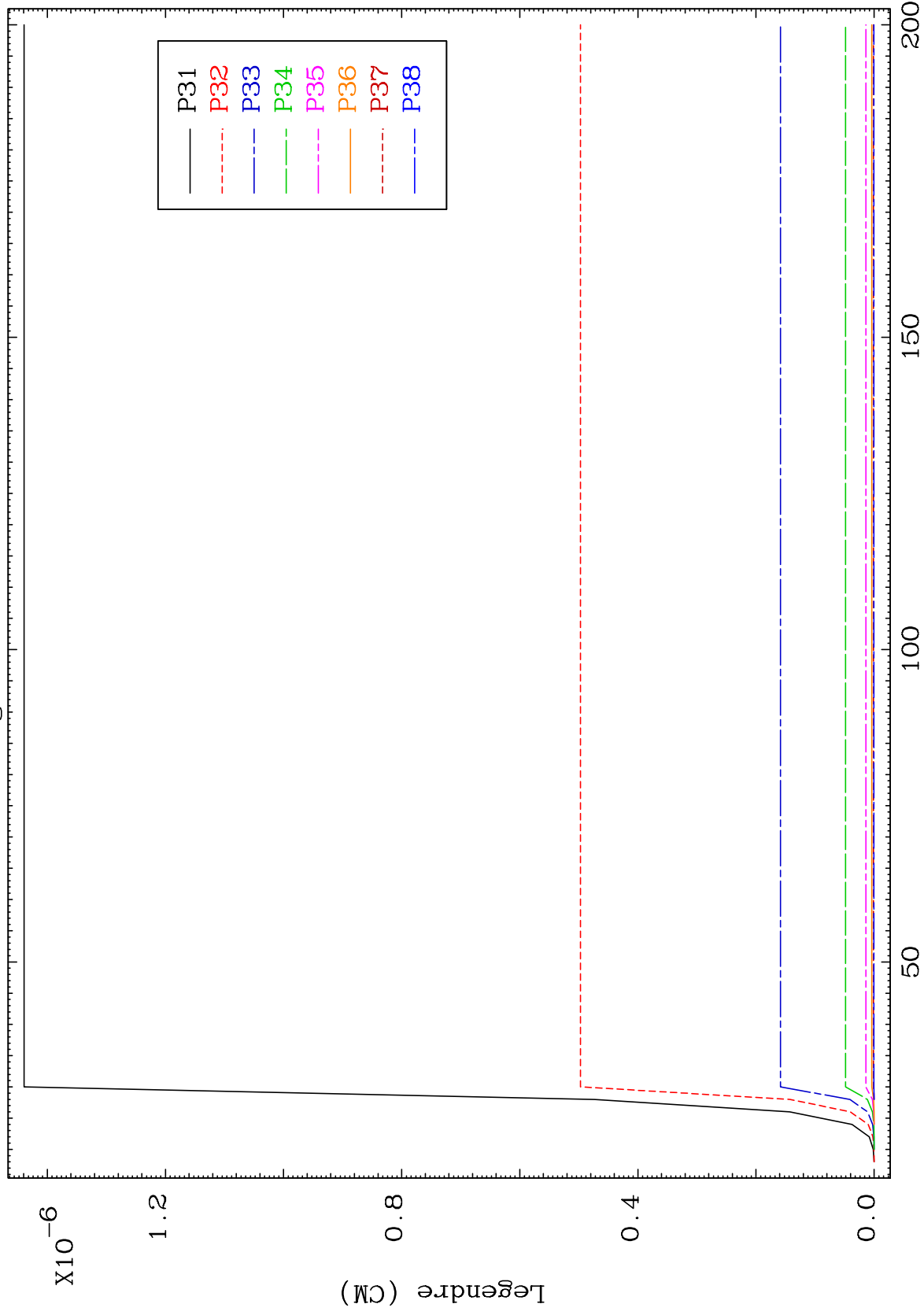
83-Bi-199



MAT 8295

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

83-Bi-199



26

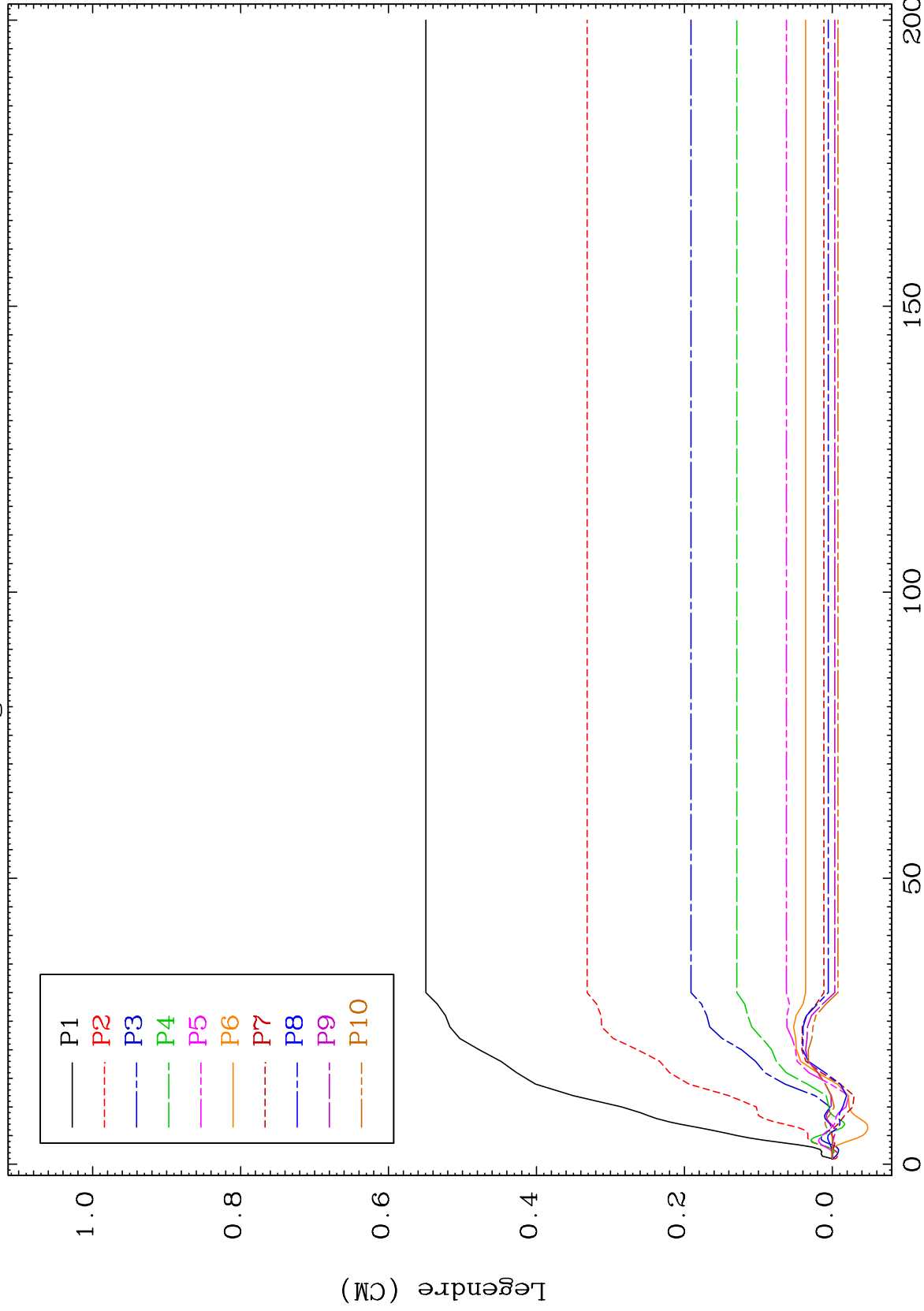
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



27

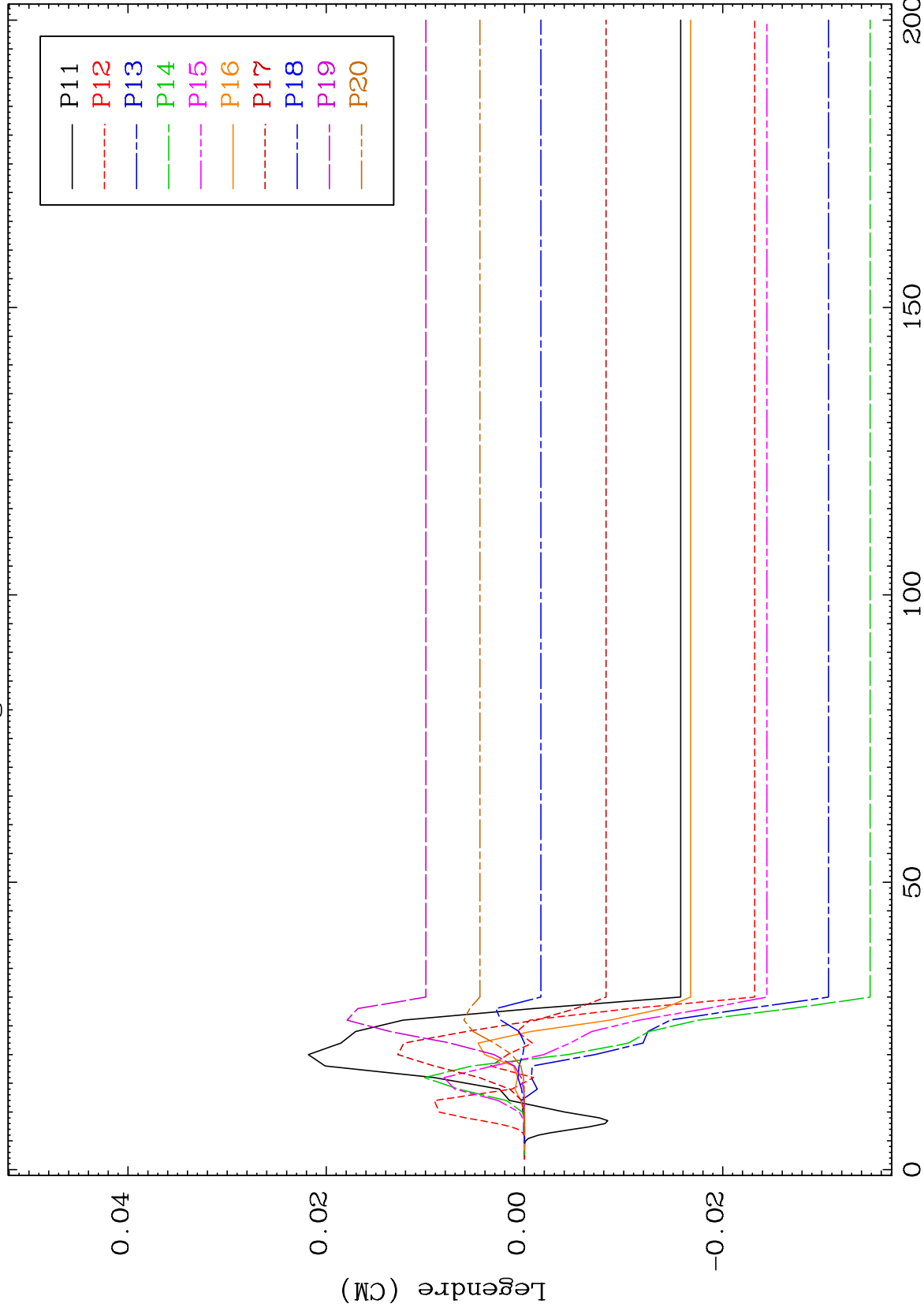
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



28

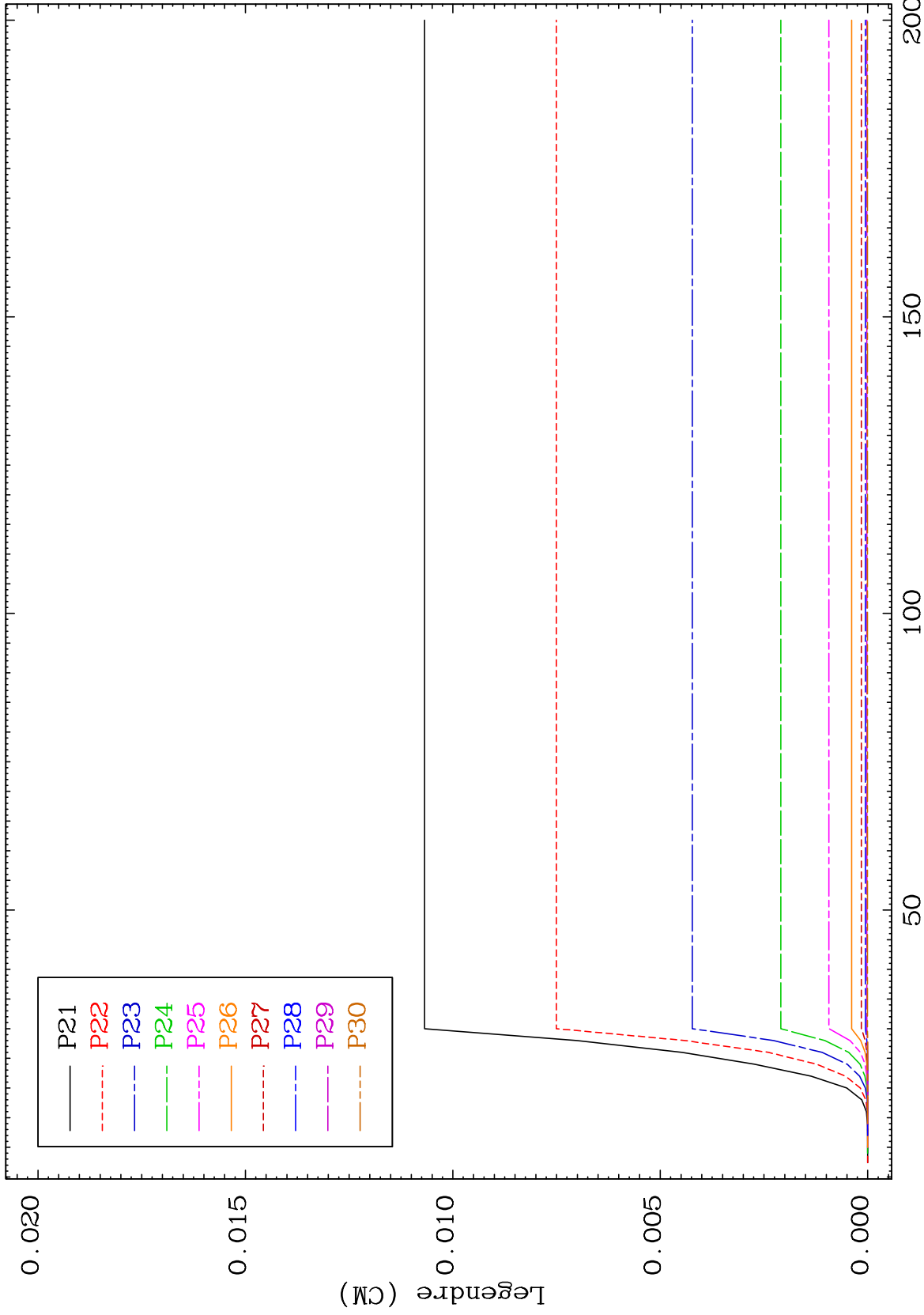
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



29

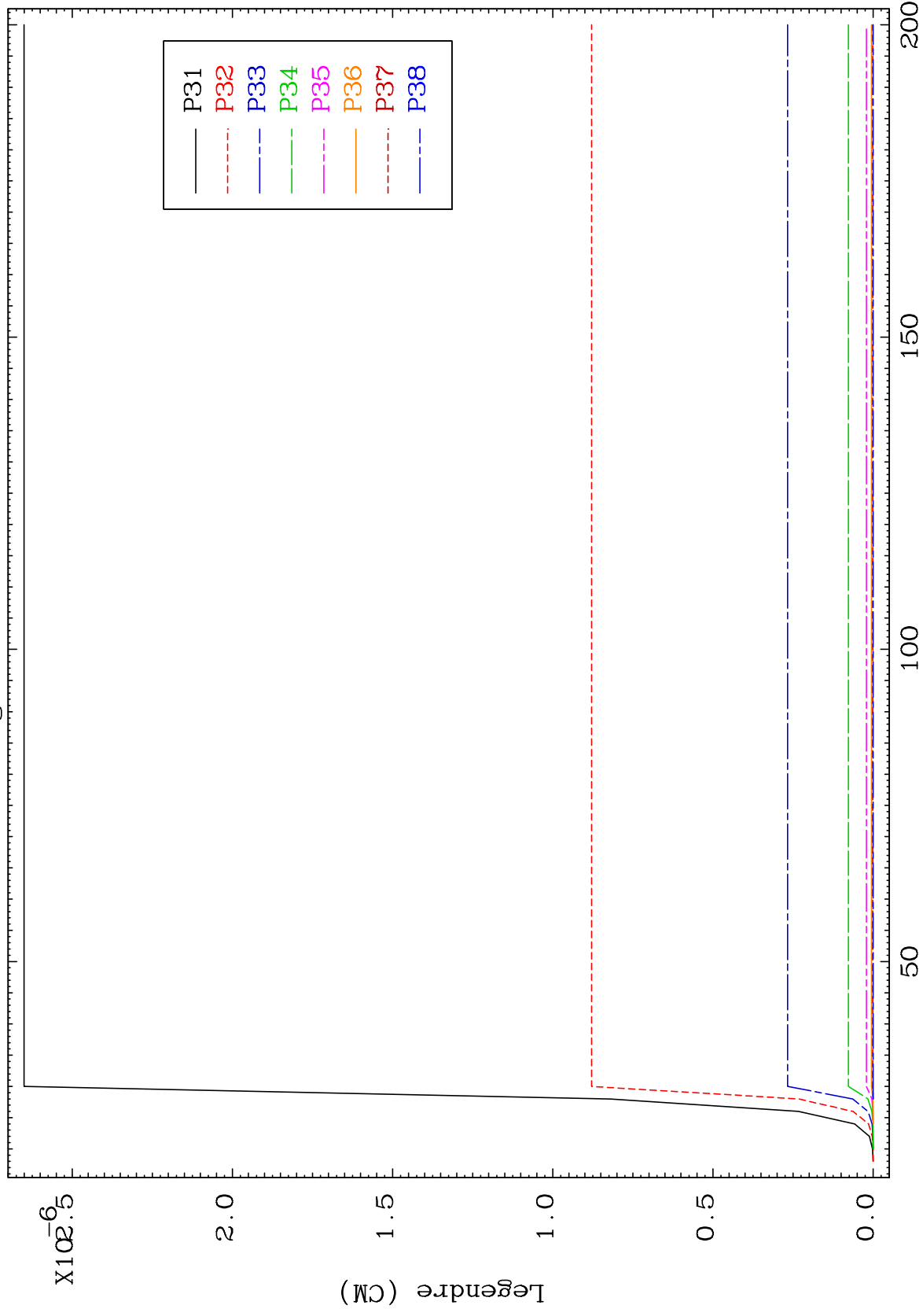
Incident Energy (MeV)

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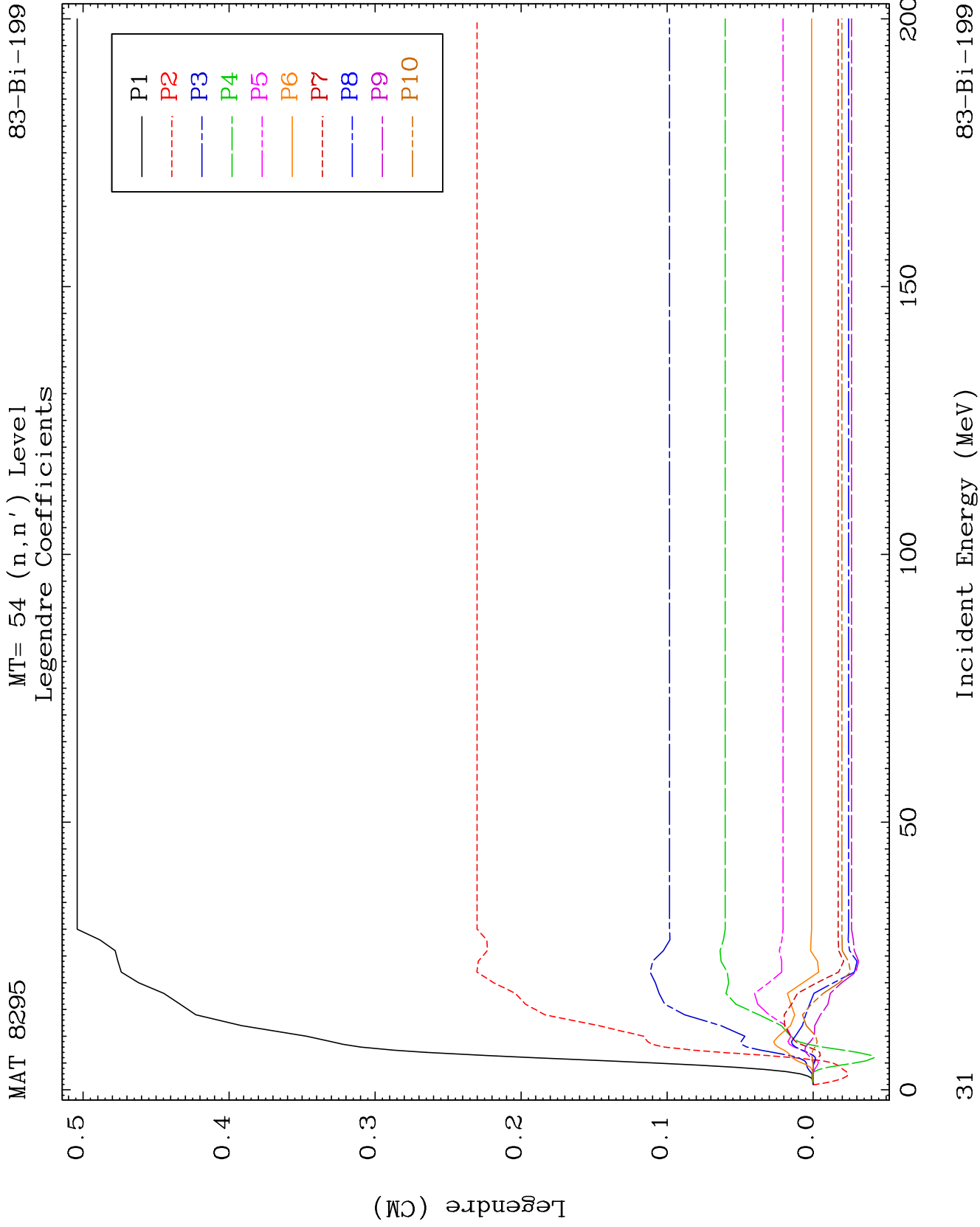
MAT 8295

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

83-Bi-199



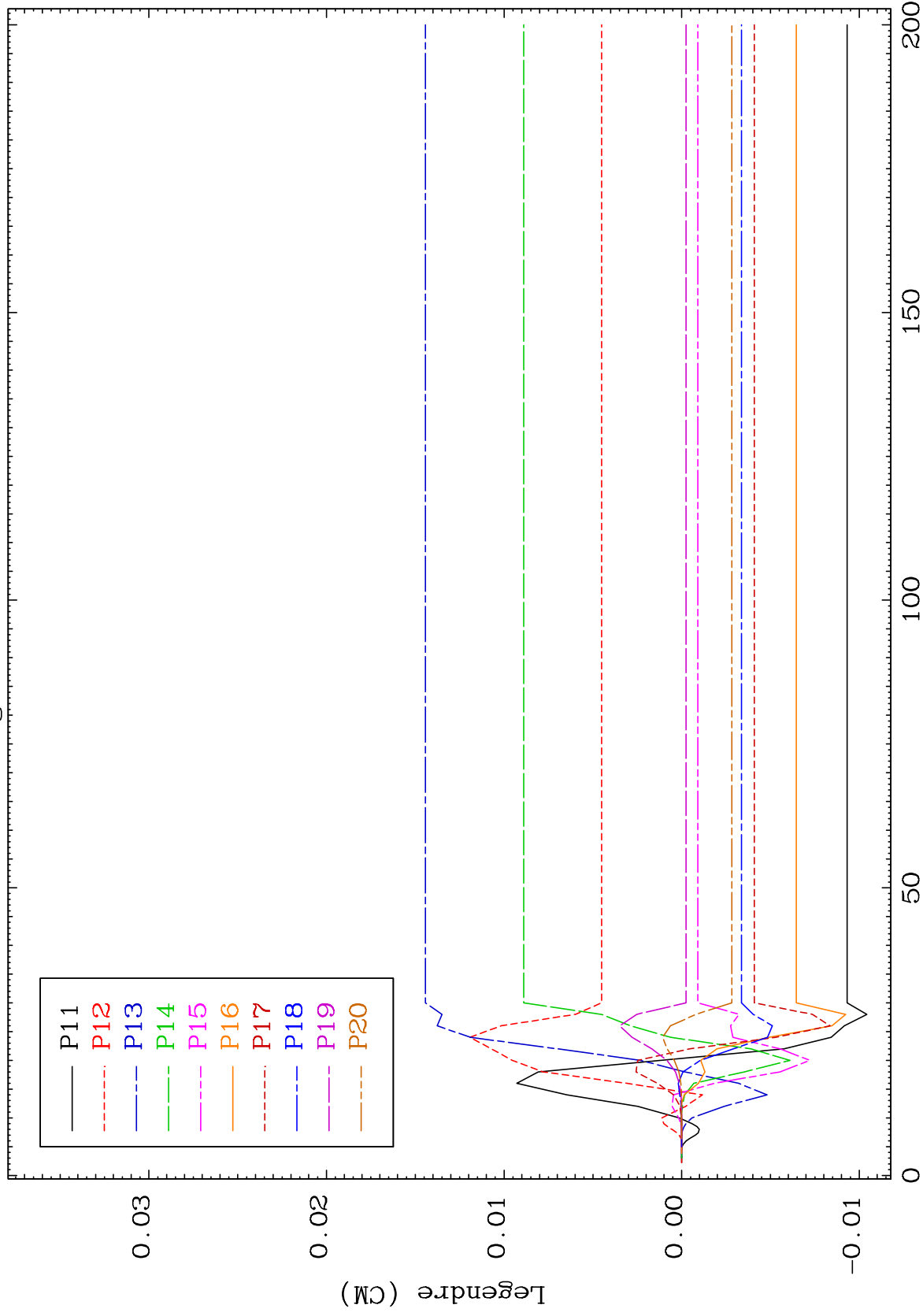
83-Bi-199



MAT 8295

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

83-Bi-199



32

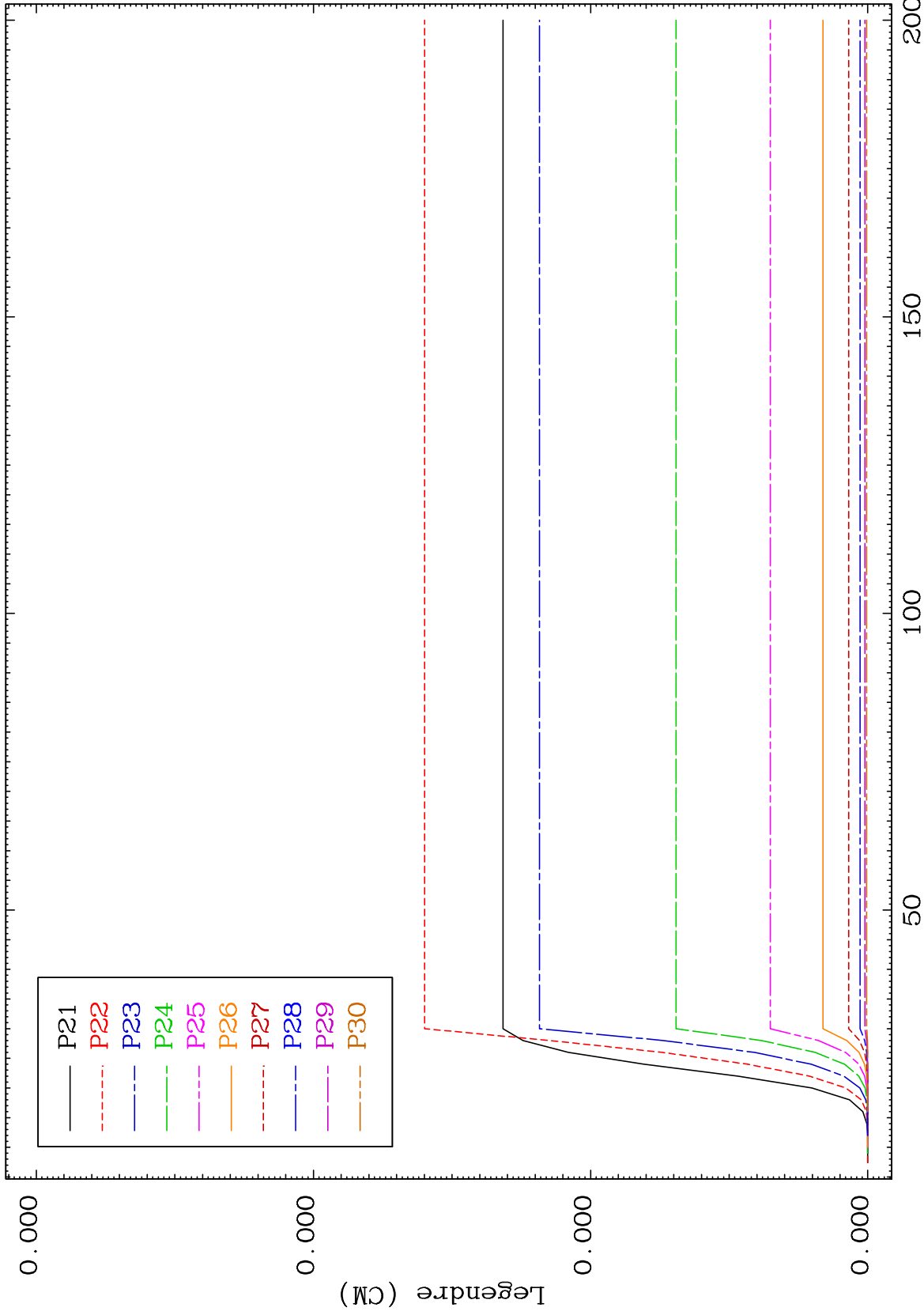
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



33

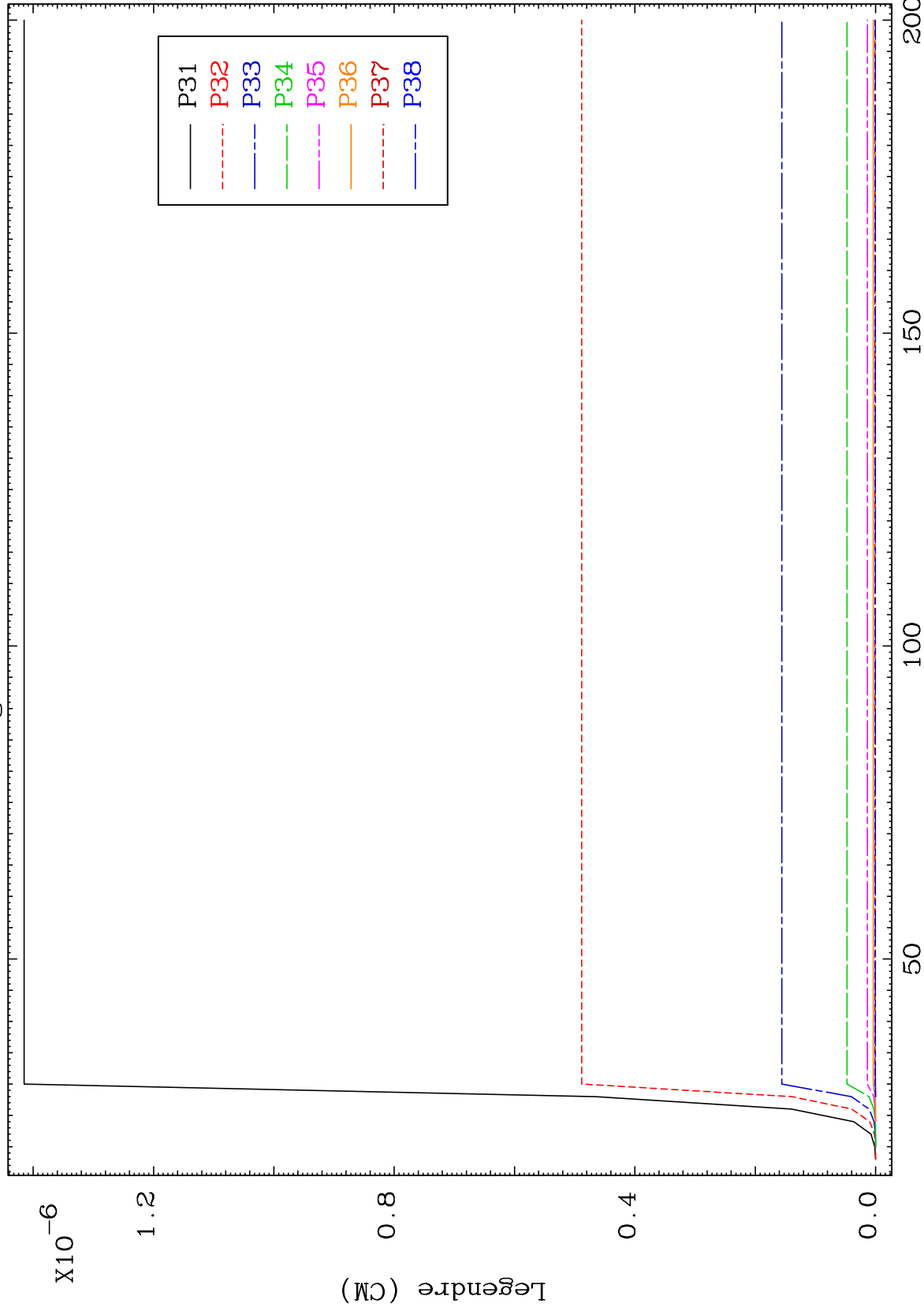
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



34

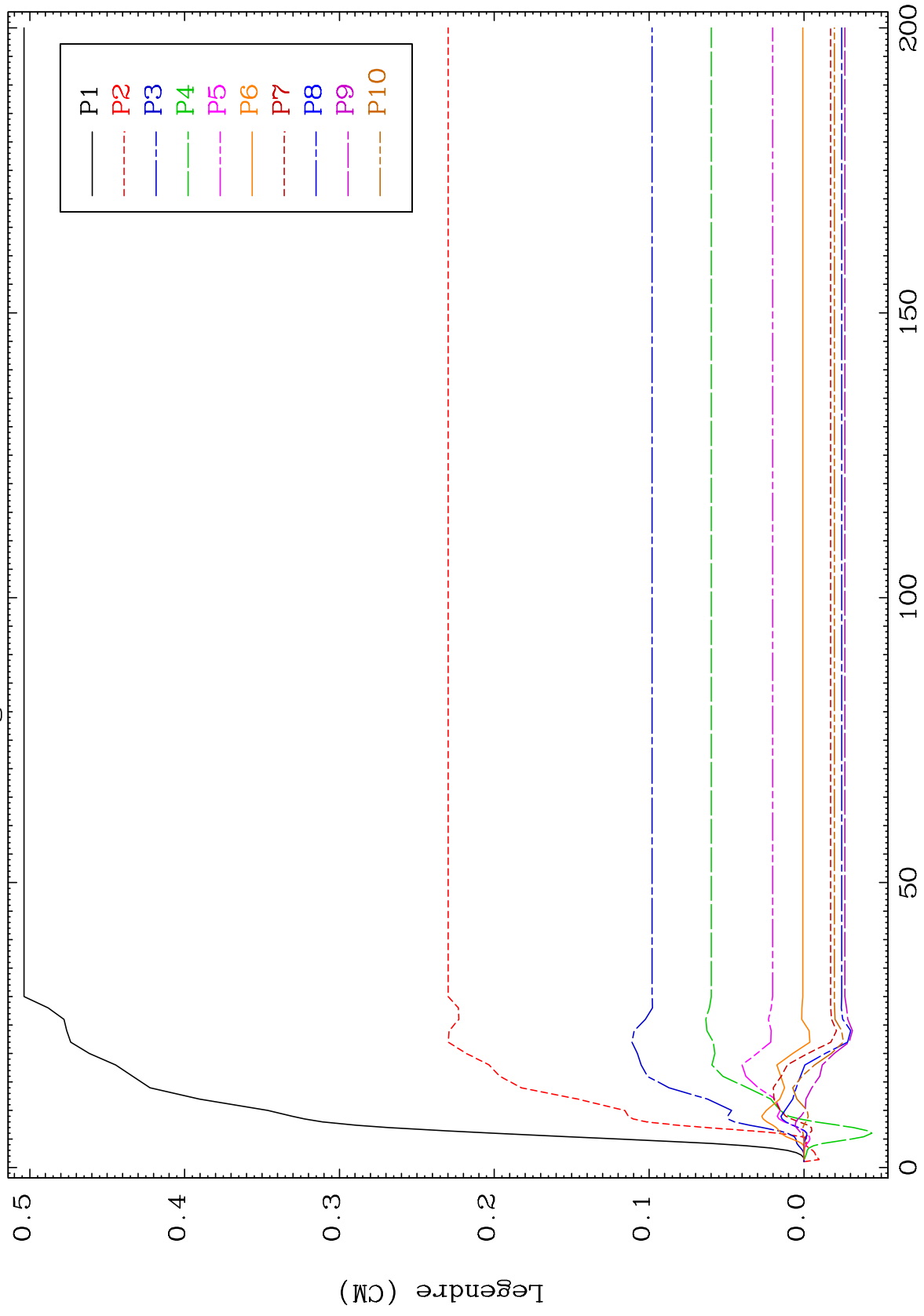
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



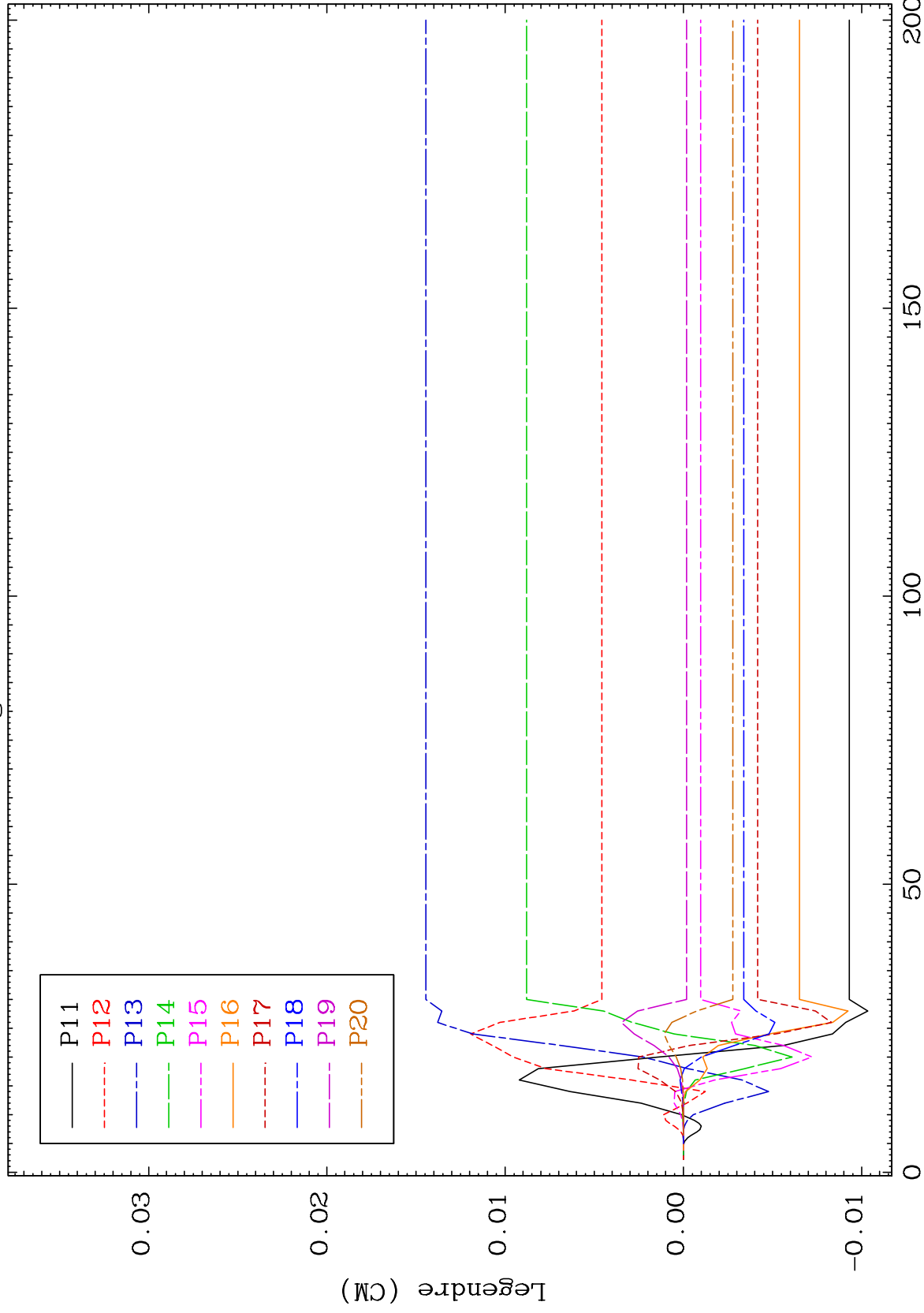
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



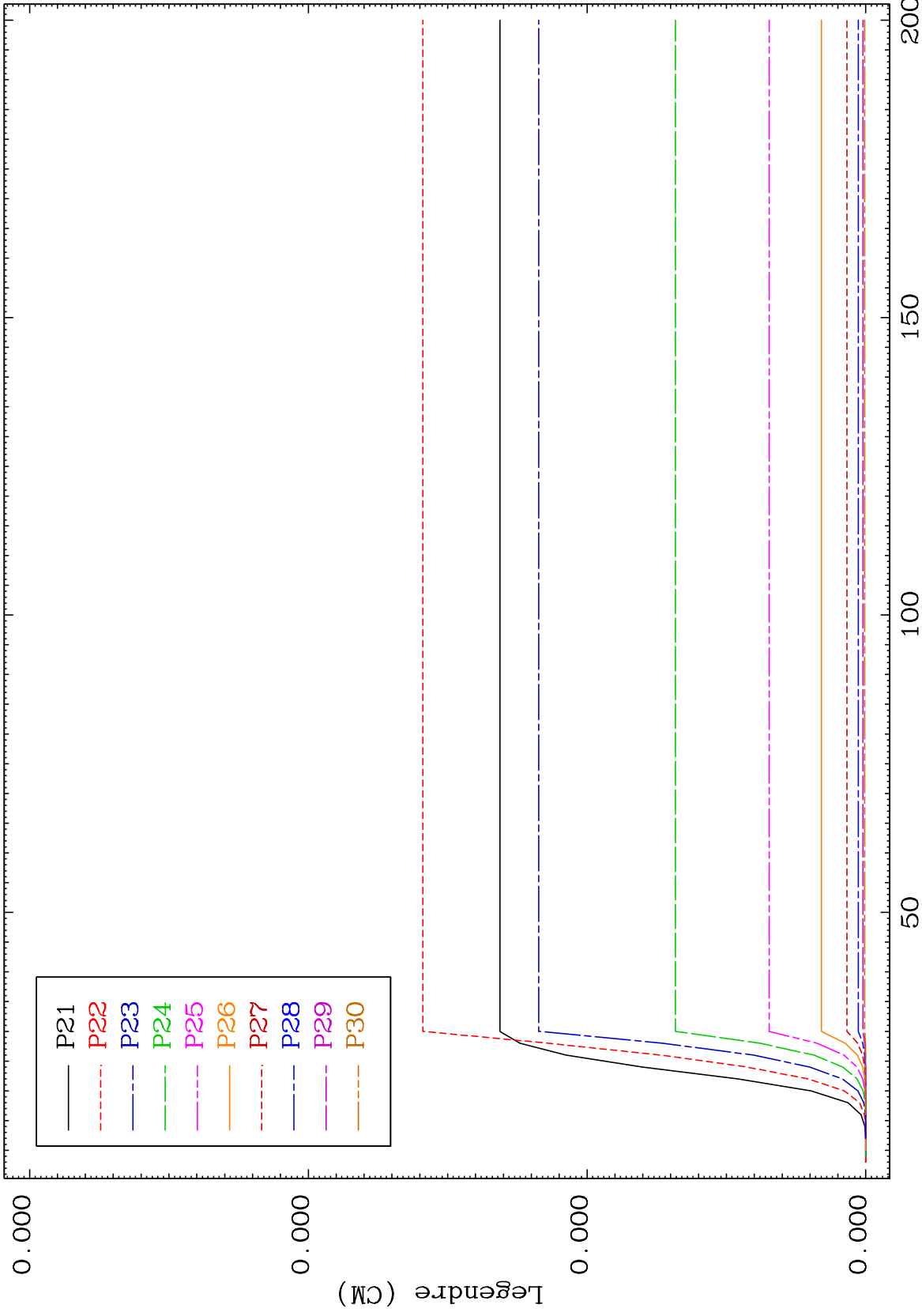
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Incident Energy (MeV)

83-Bi-199

MAT 8295 MT= 55 (n,n') Level
Legendre Coefficients

83-Bi-199

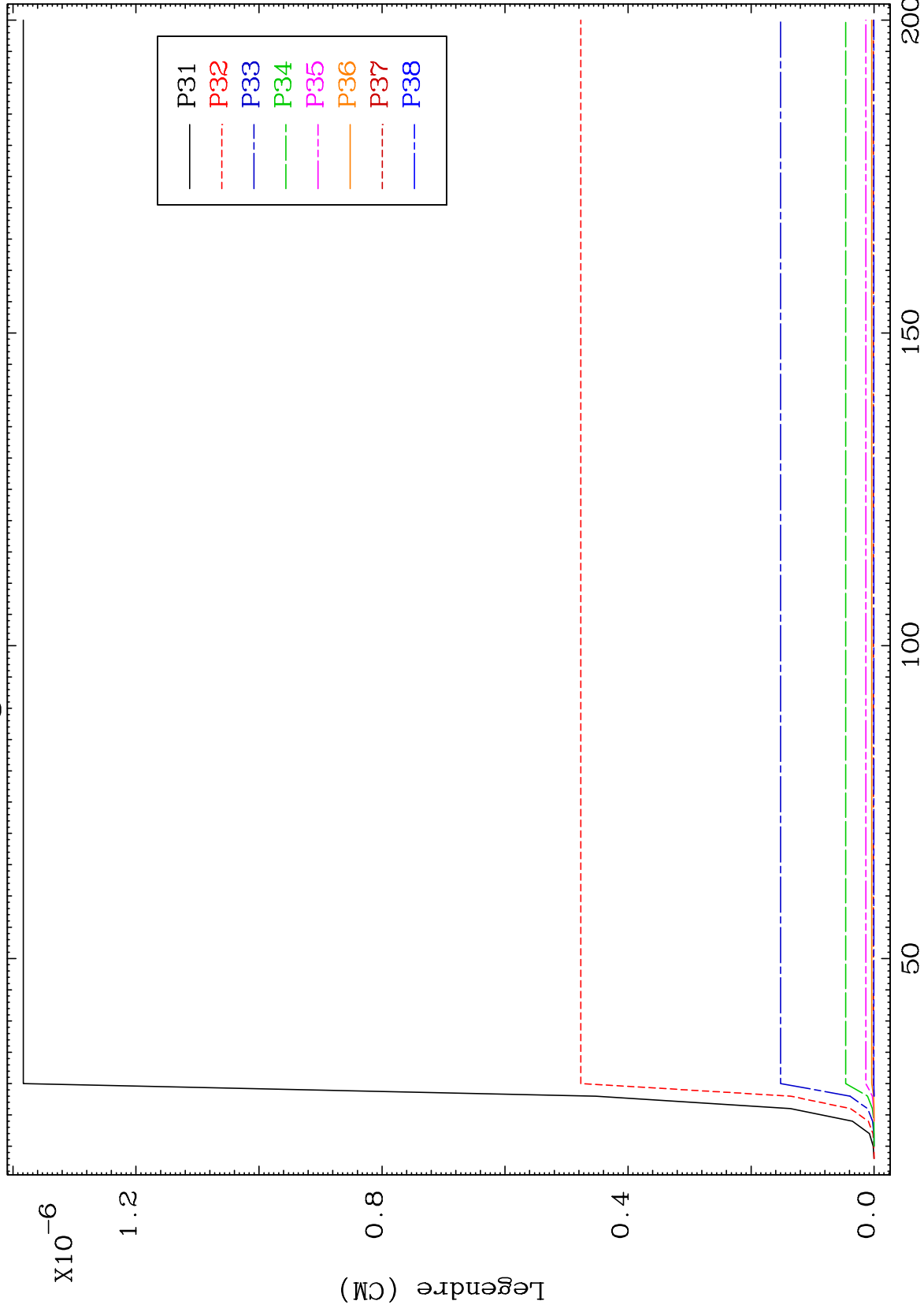


83-Bi-199

MAT 8295

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

83-Bi-199



38

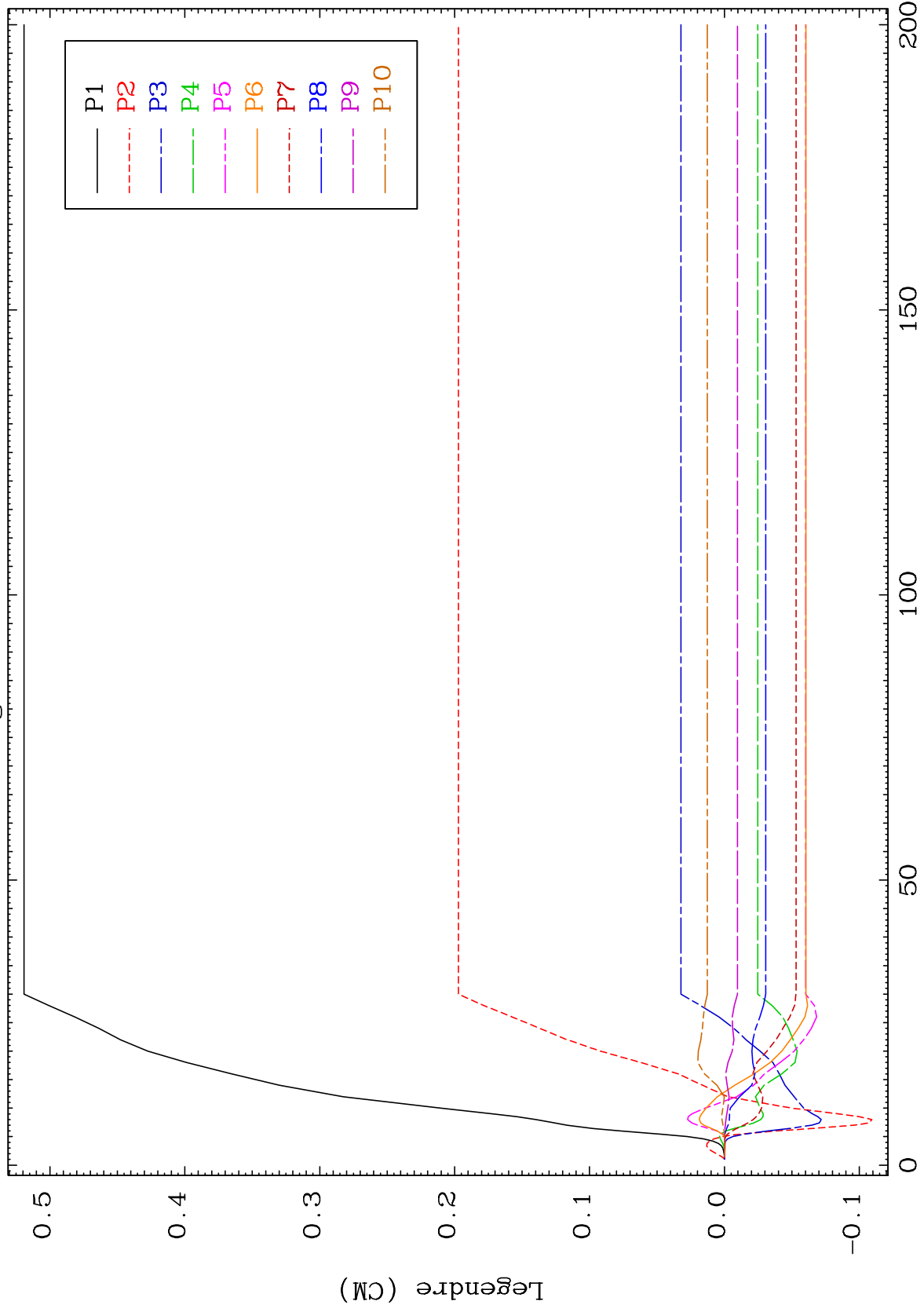
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



39

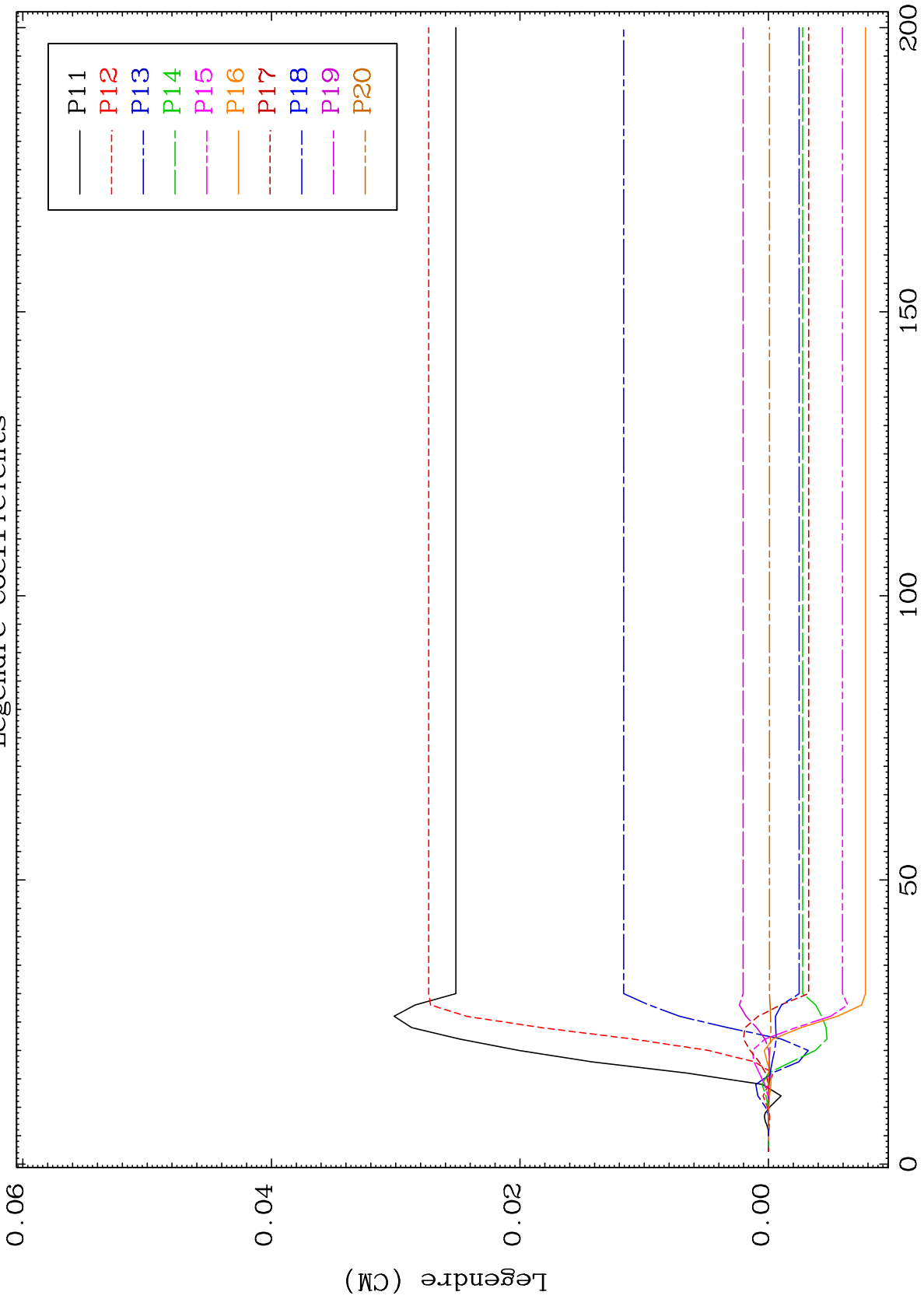
Incident Energy (MeV)

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MAT 8295

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

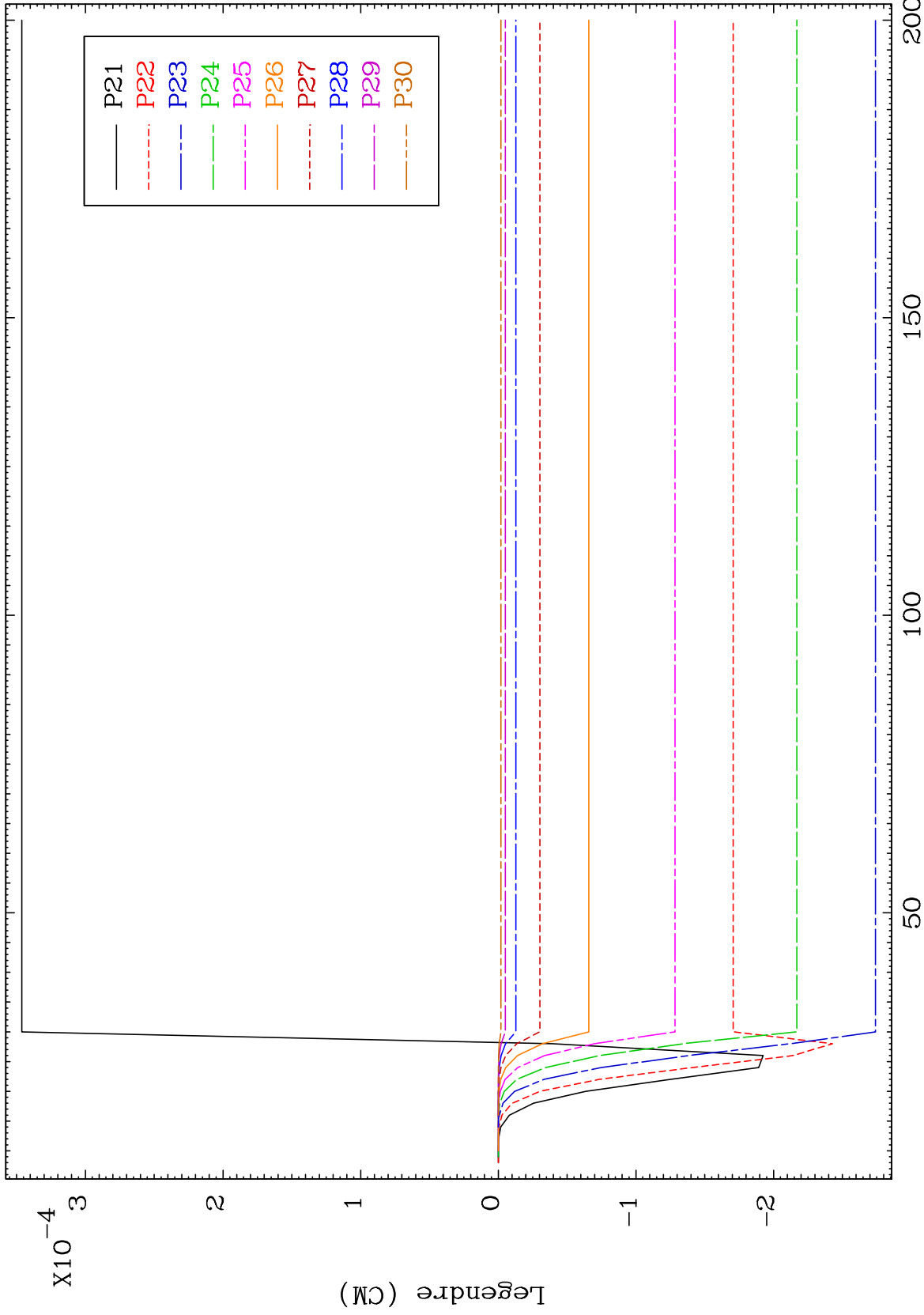
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MAT 8295

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

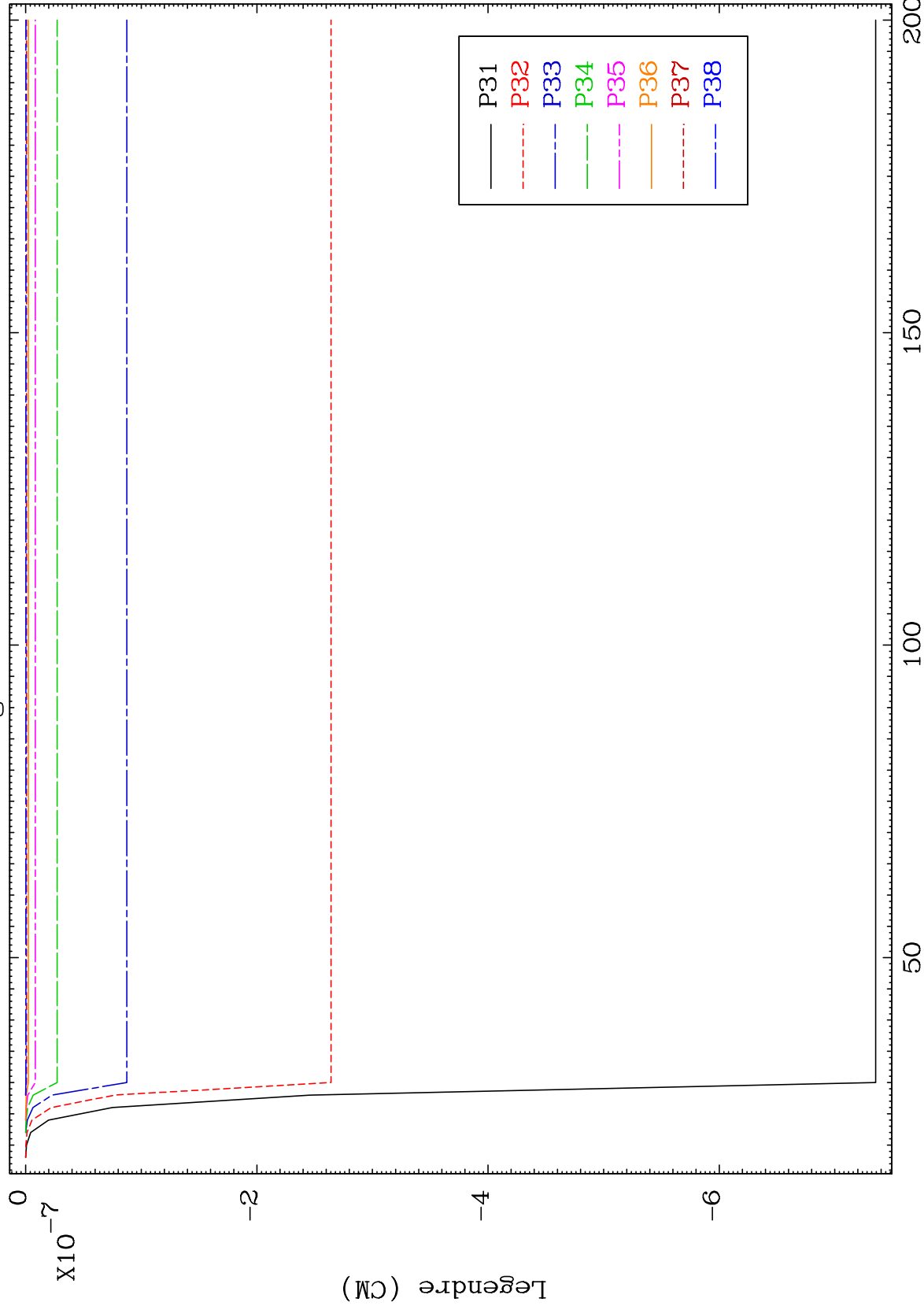
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41

Incident Energy (MeV)

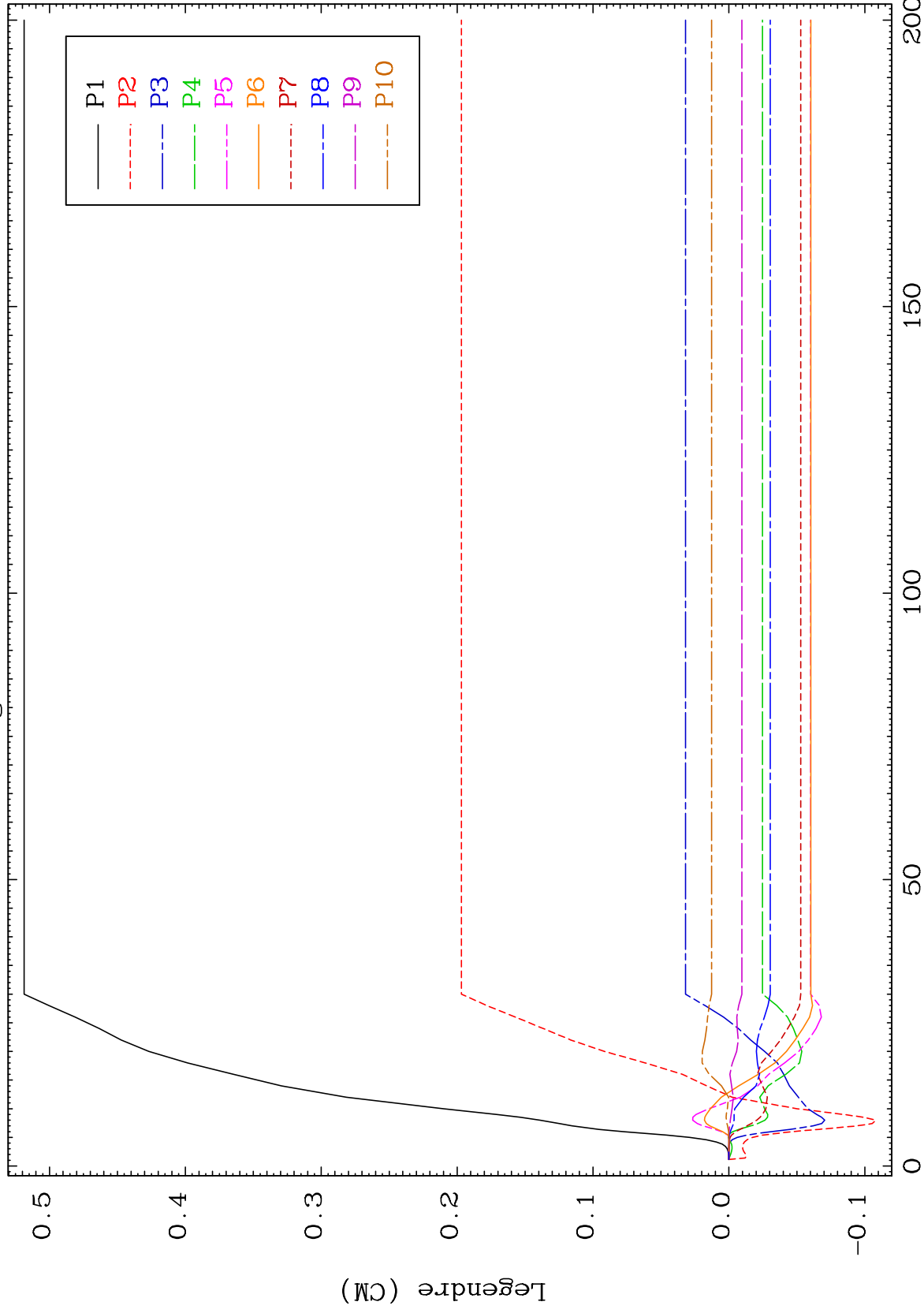
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MAT 8295

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

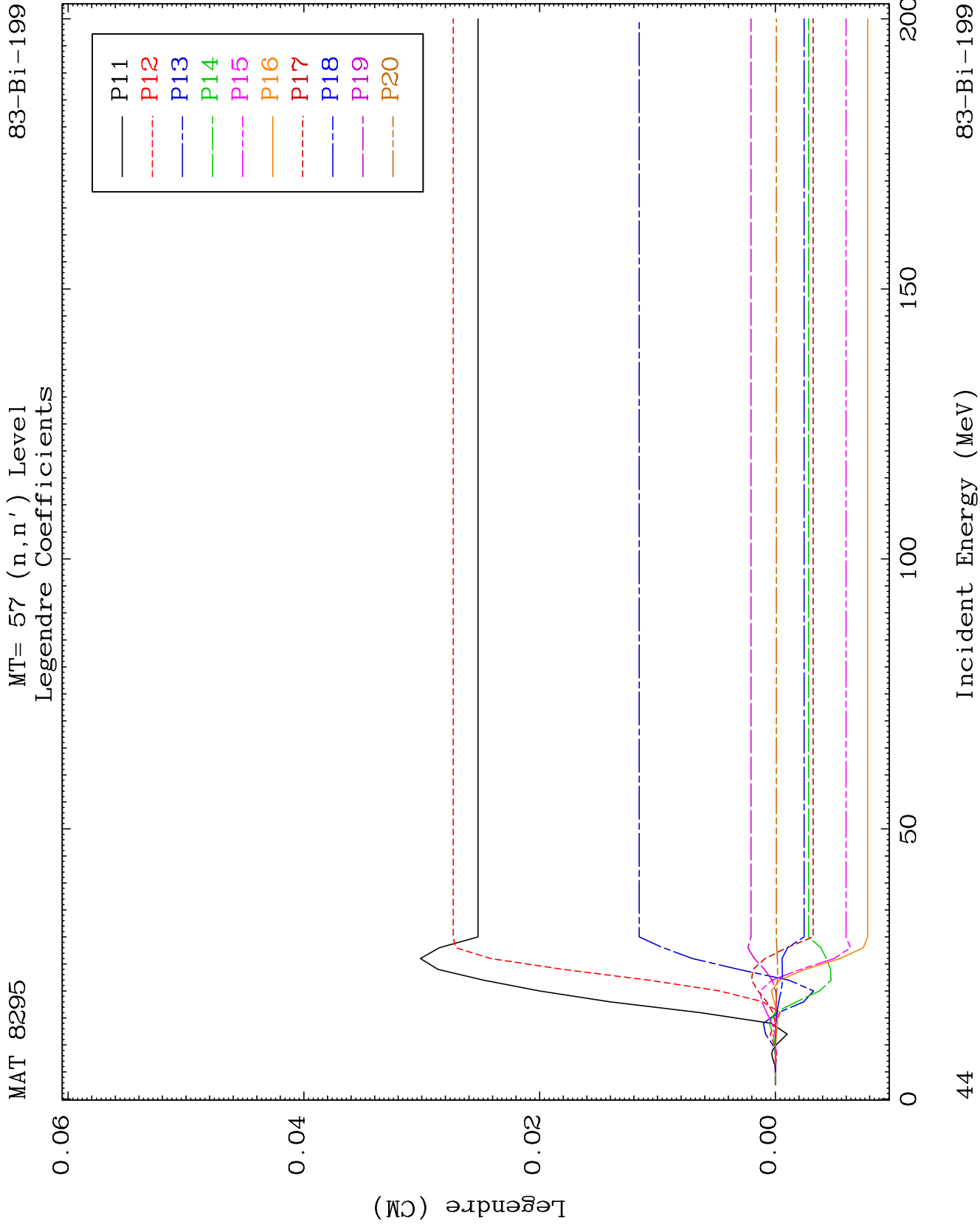
83-Bi-199



43

Incident Energy (MeV)

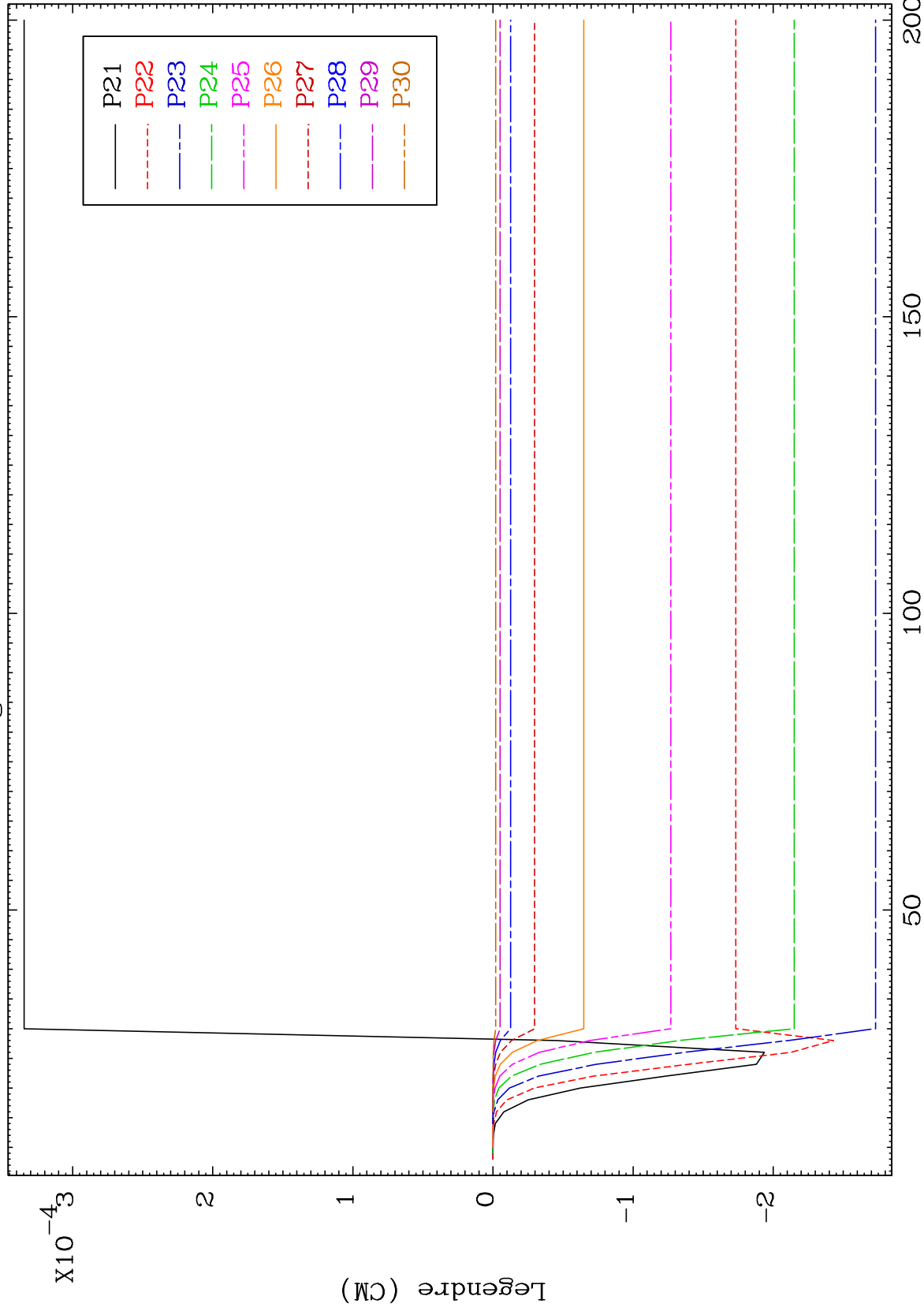
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MAT 8295

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

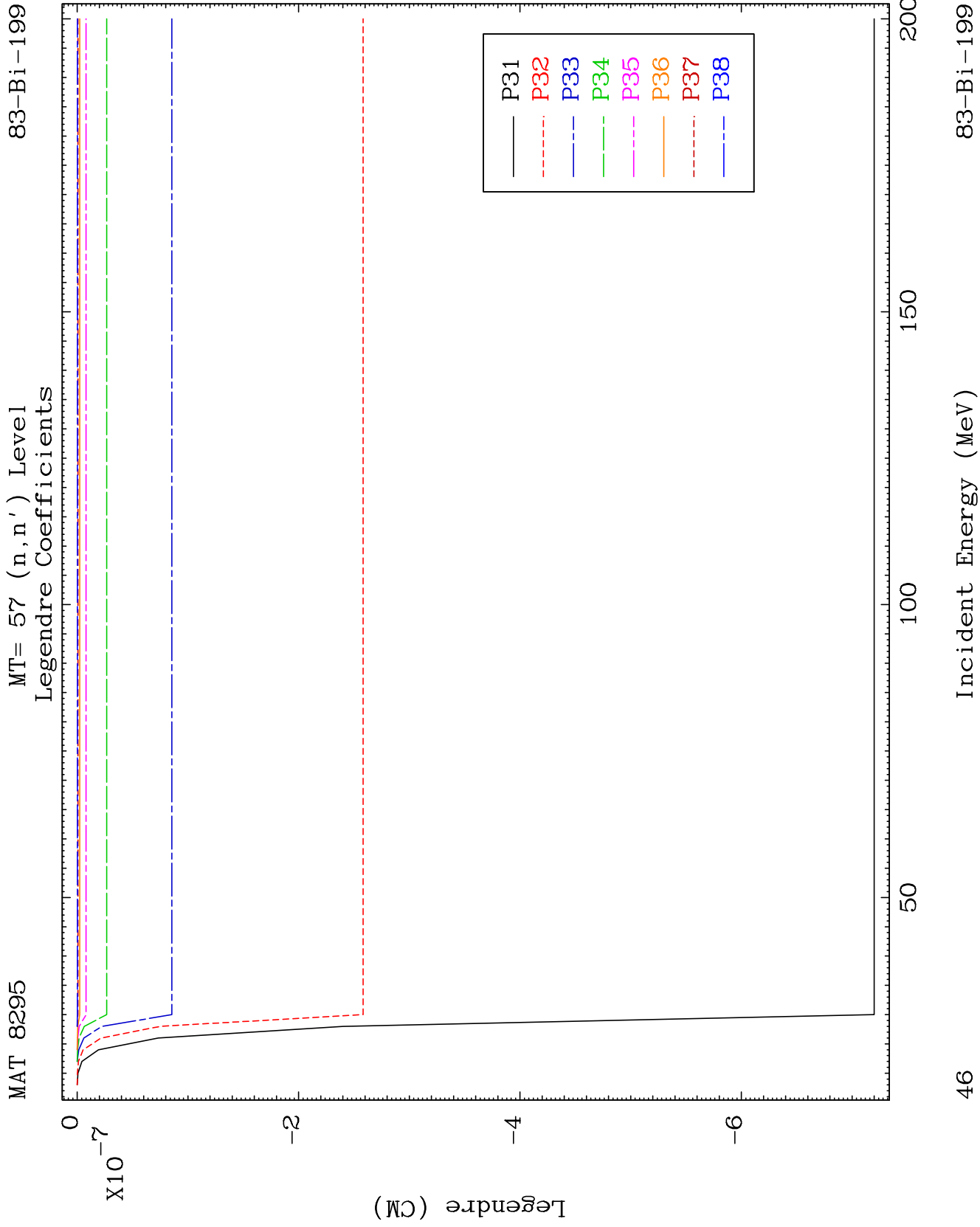
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45

Incident Energy (MeV)

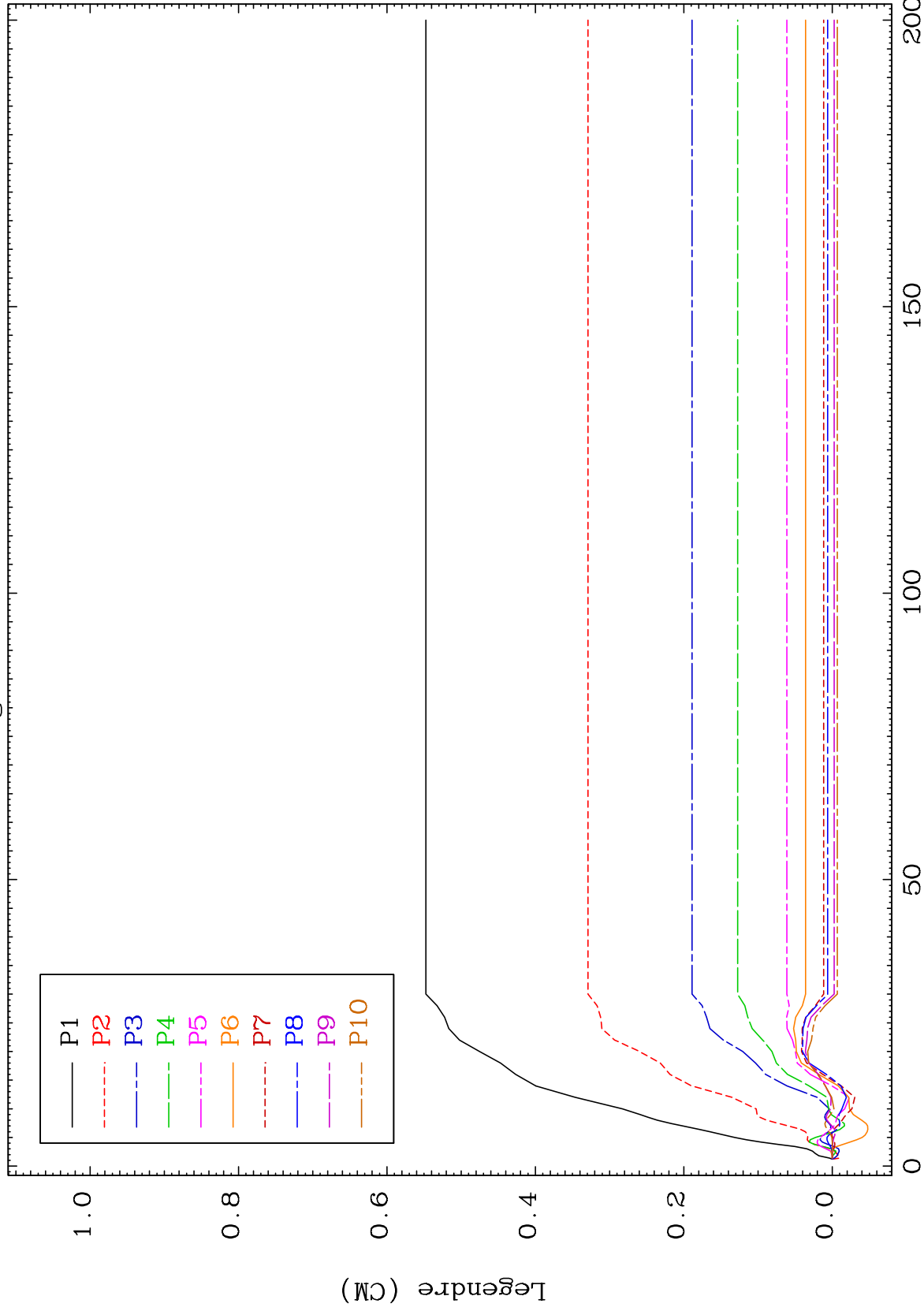
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MAT 8295

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

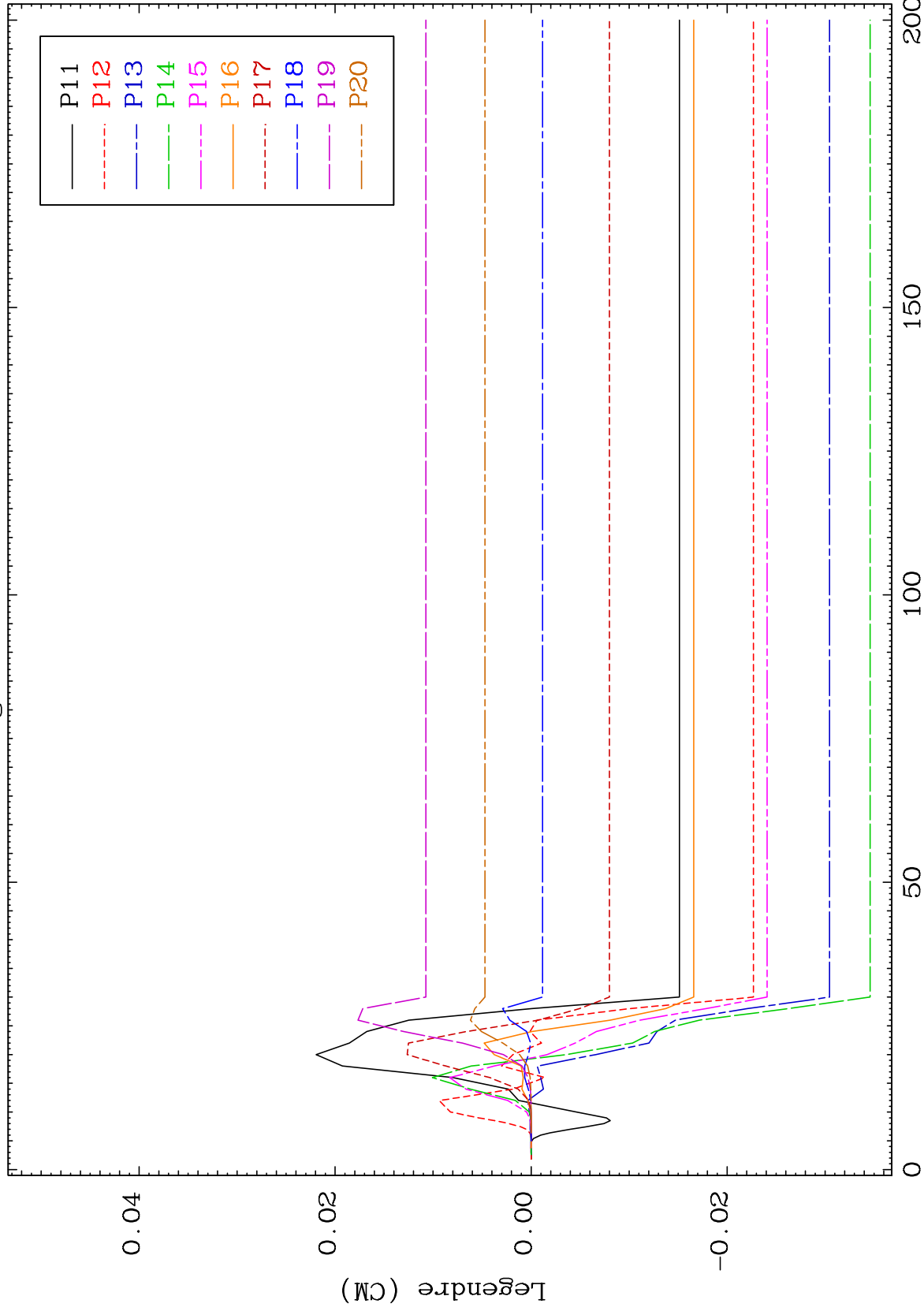
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MAT 8295

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

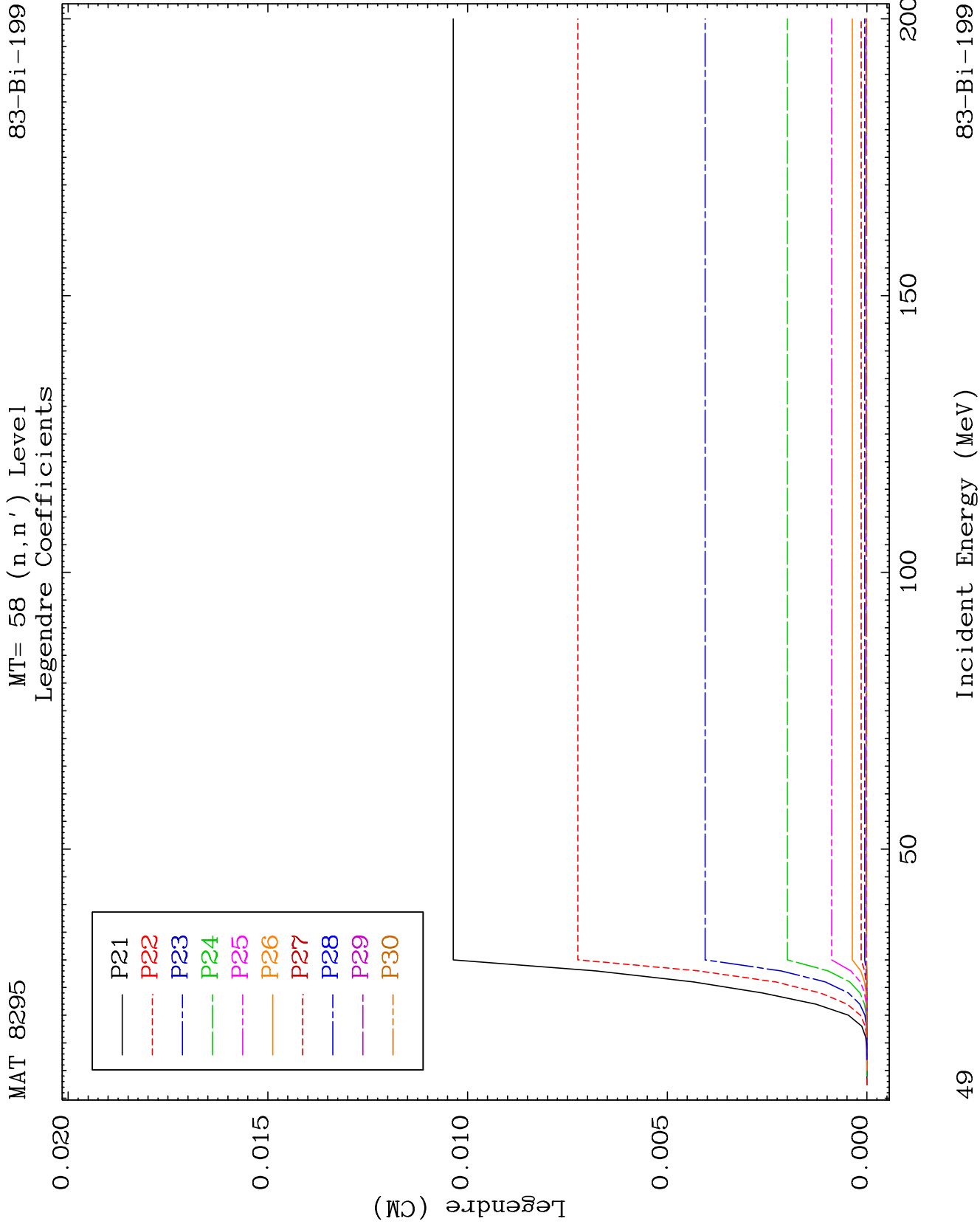
83-Bi-199



48

Incident Energy (MeV)

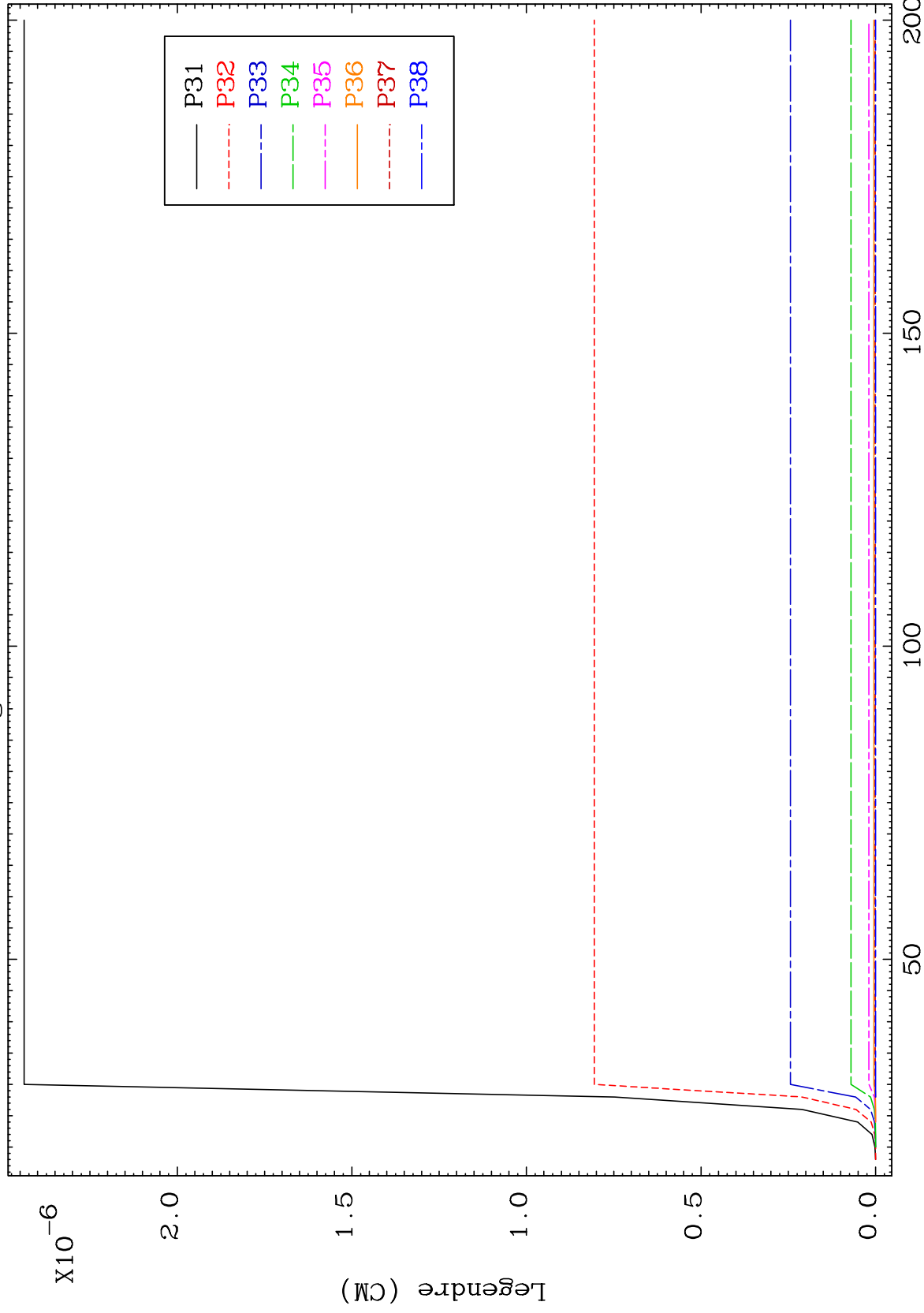
83-Bi-199



MAT 8295

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

83-Bi-199



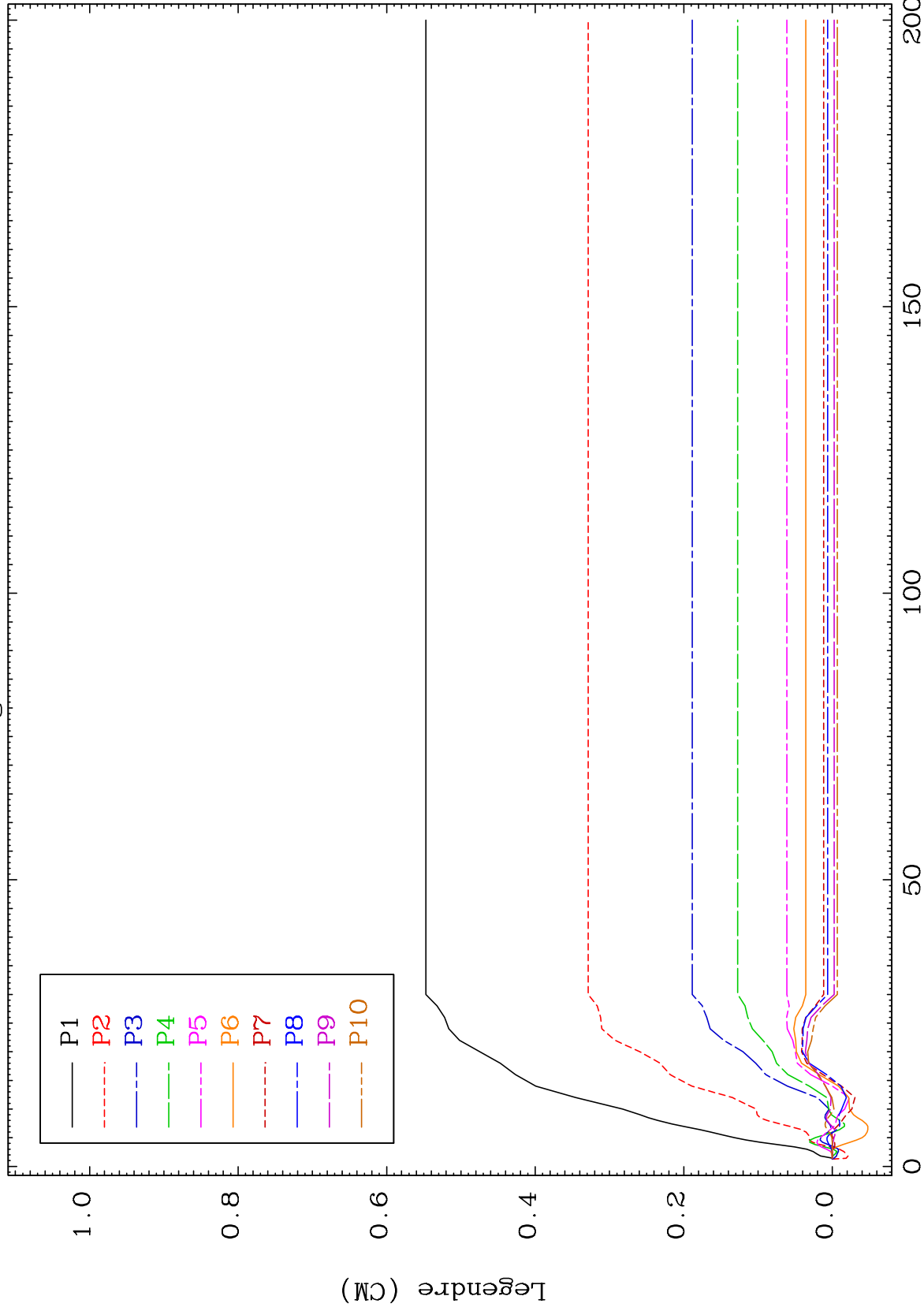
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



51

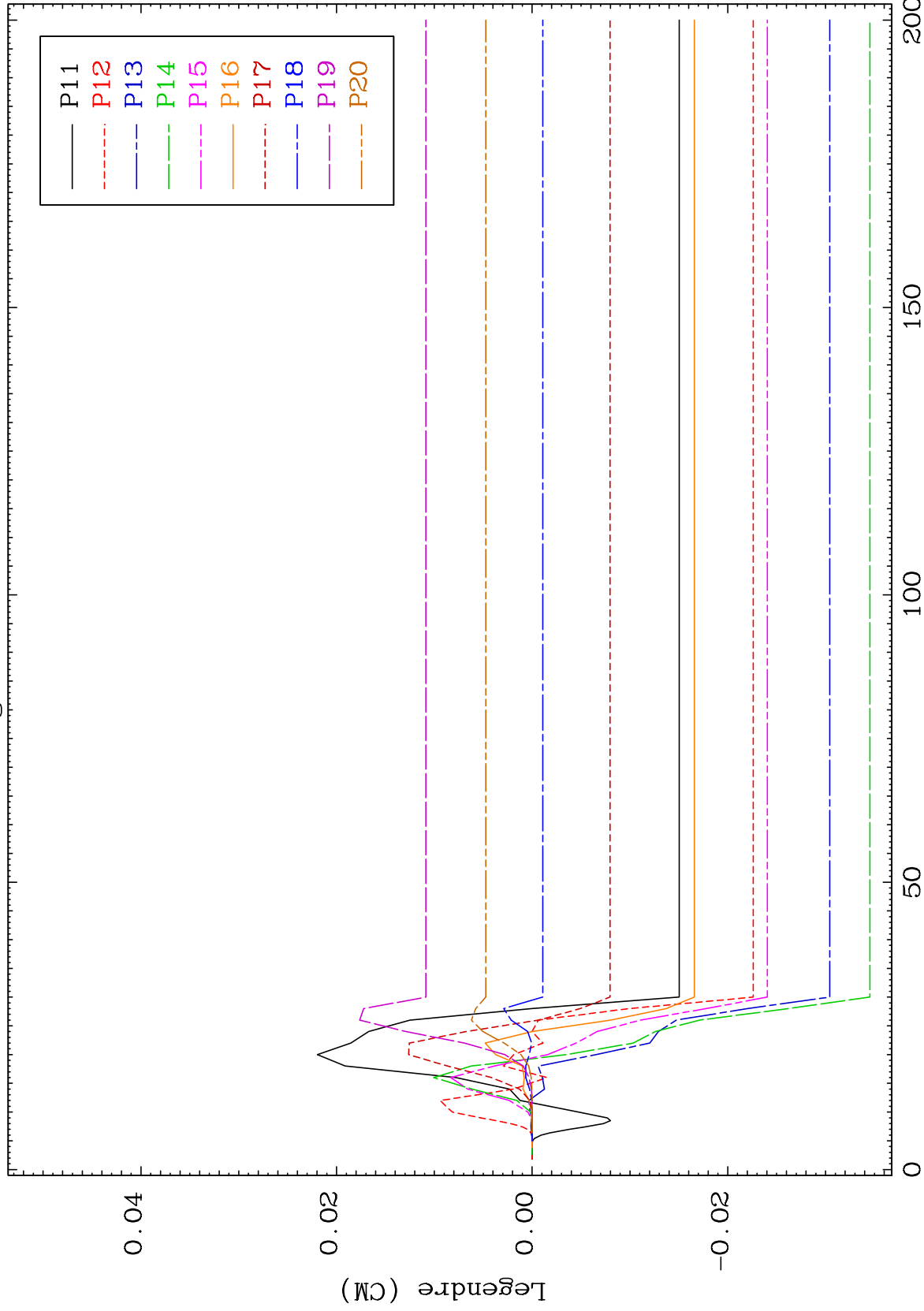
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

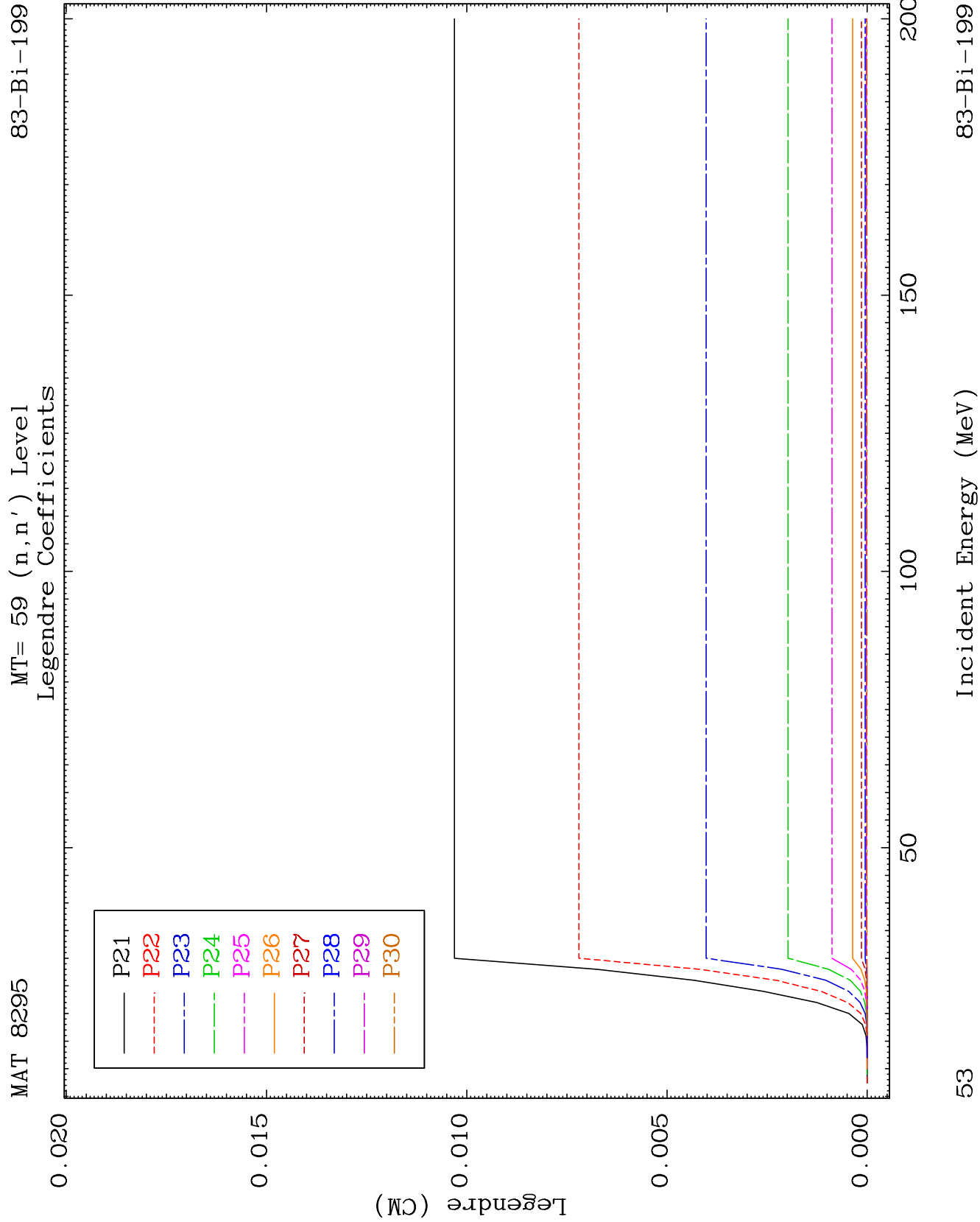
83-Bi-199



52

Incident Energy (MeV)

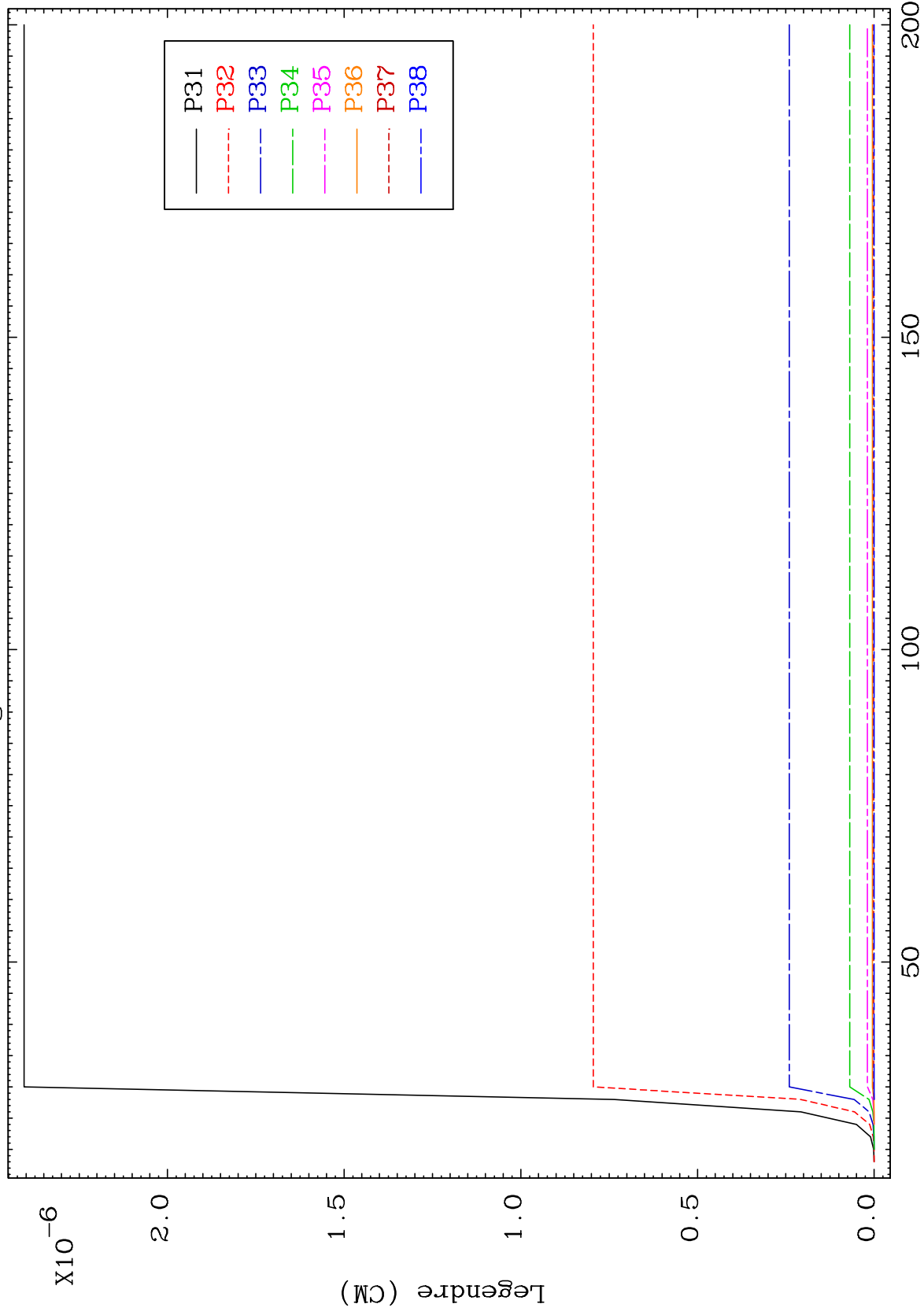
83-Bi-199



MAT 8295

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

83-Bi-199



54

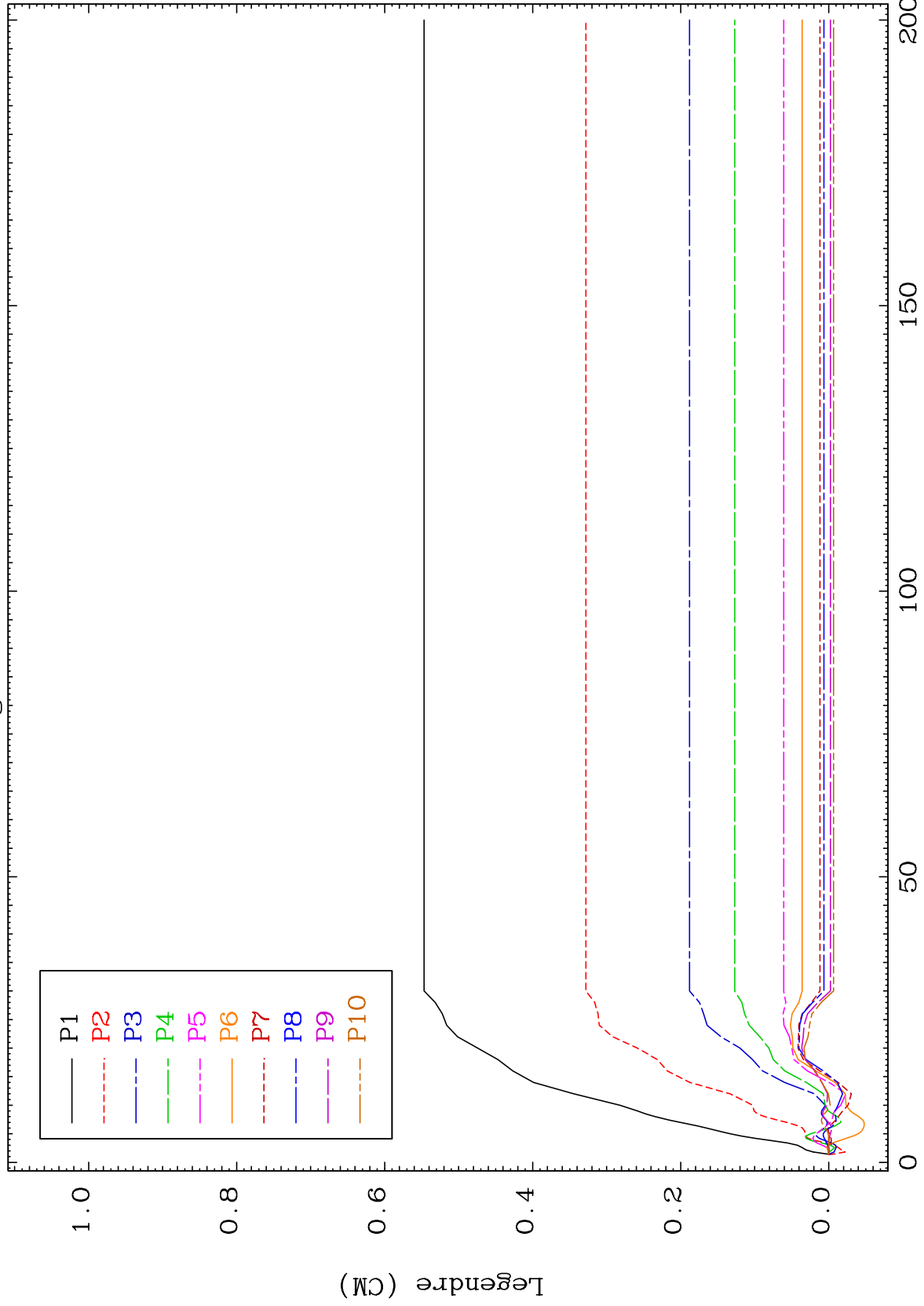
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



55

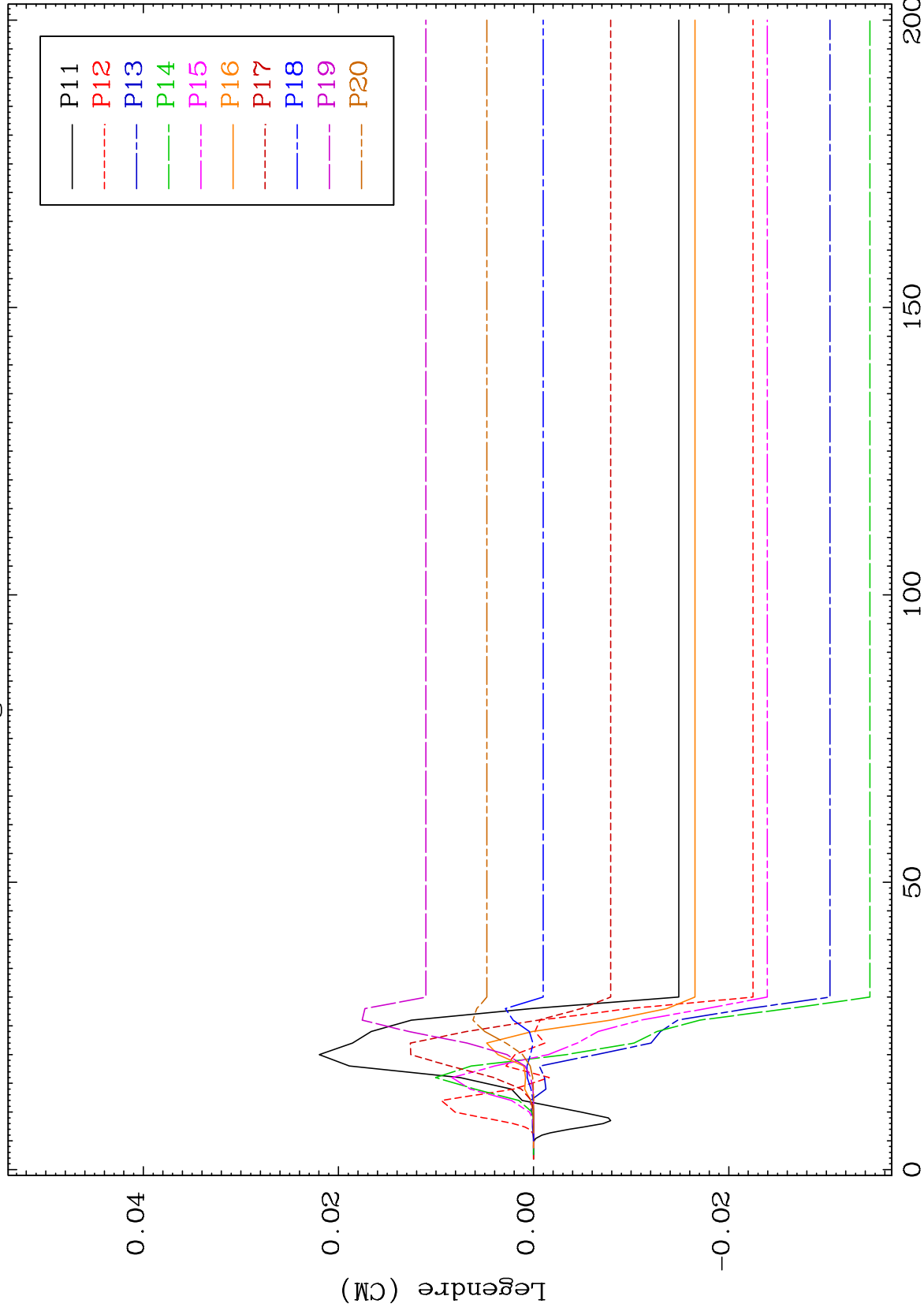
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



56

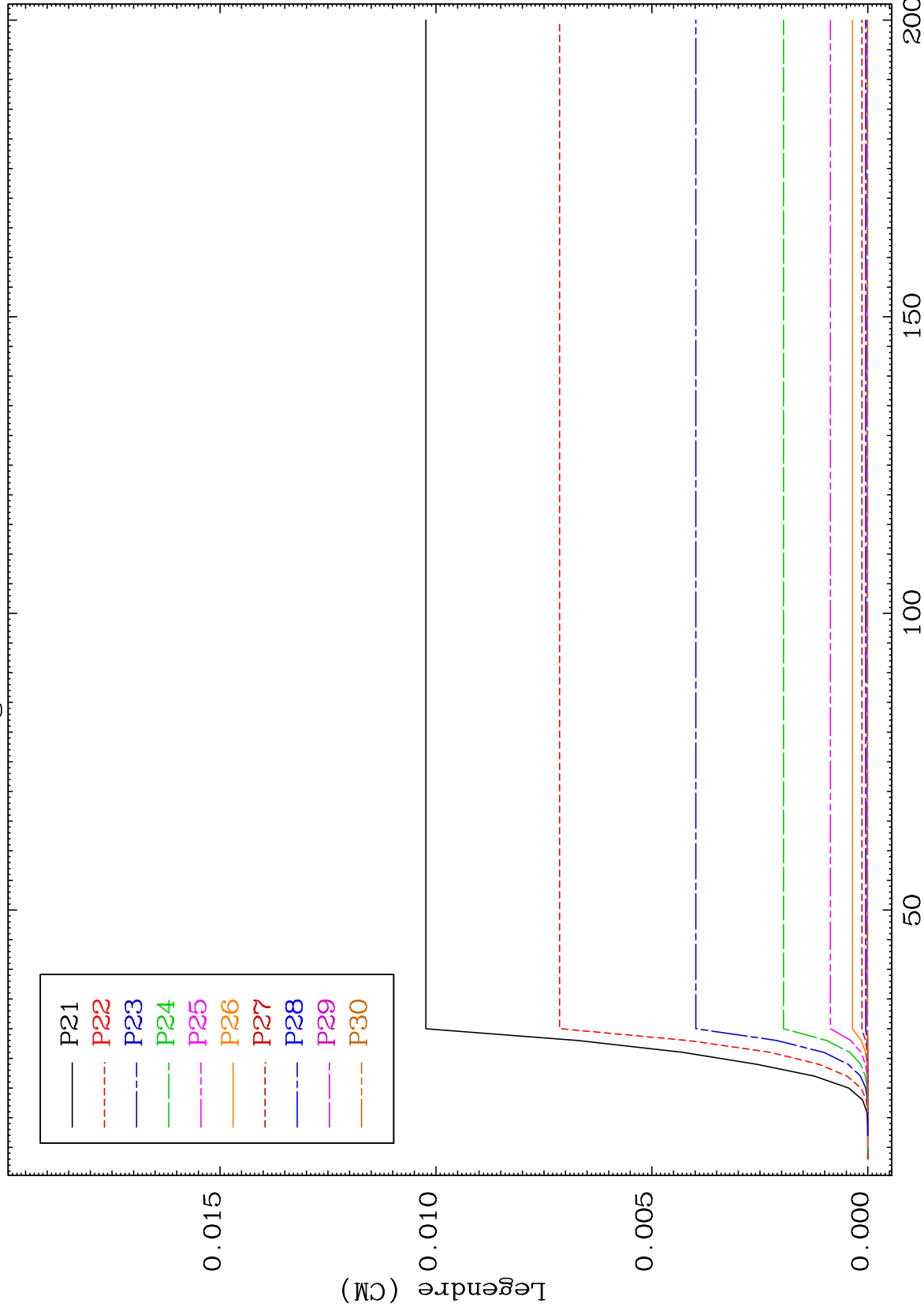
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



57

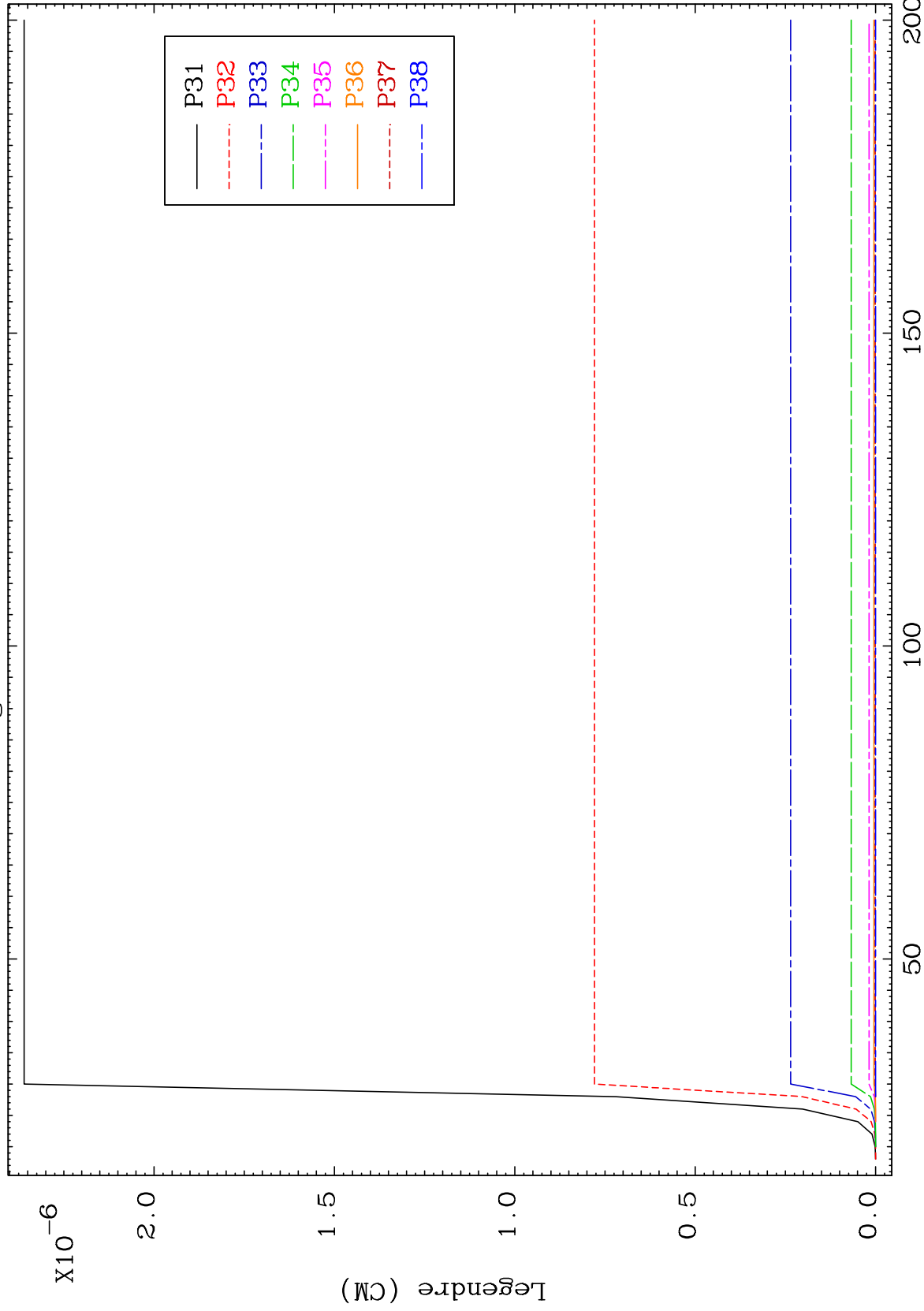
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

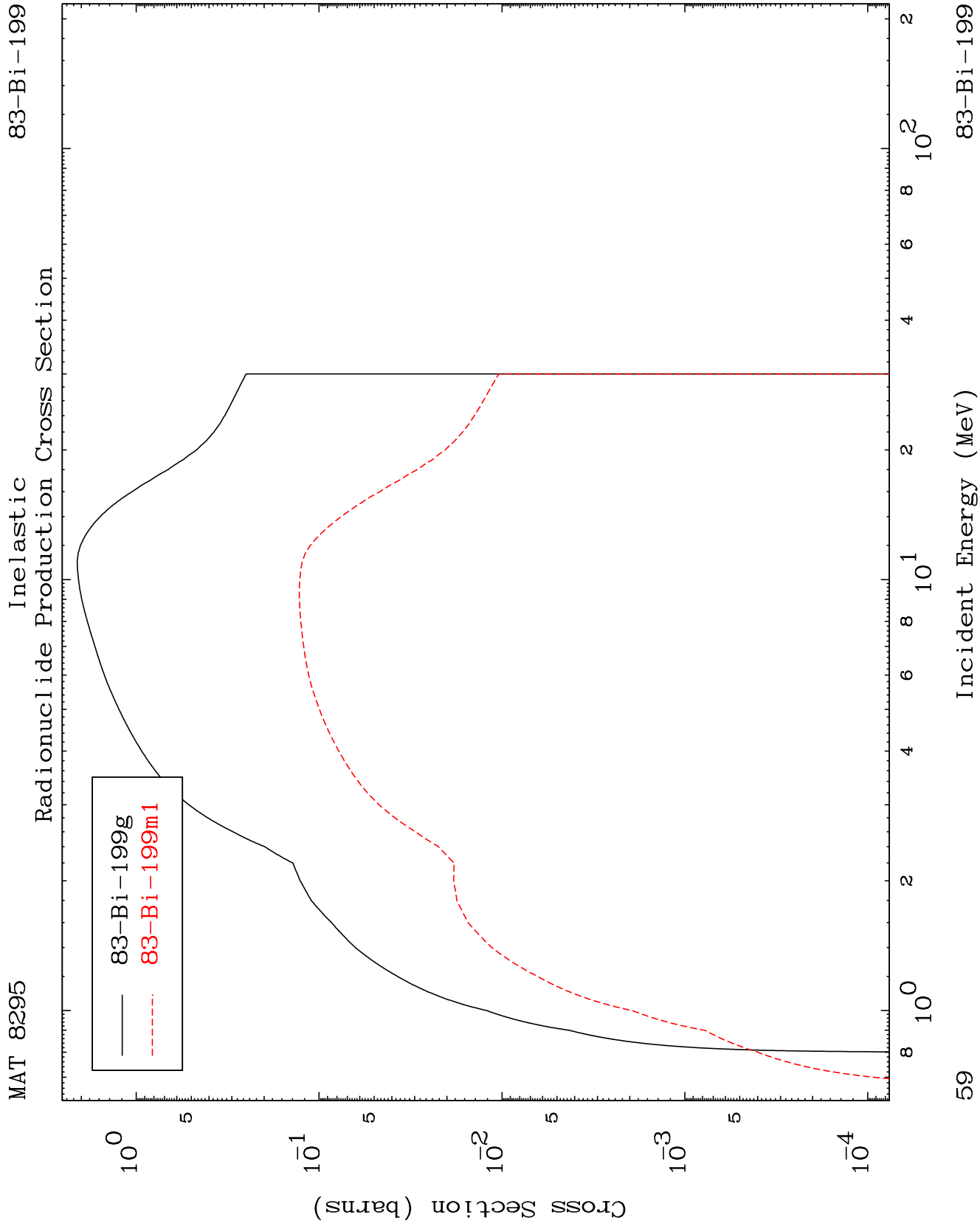
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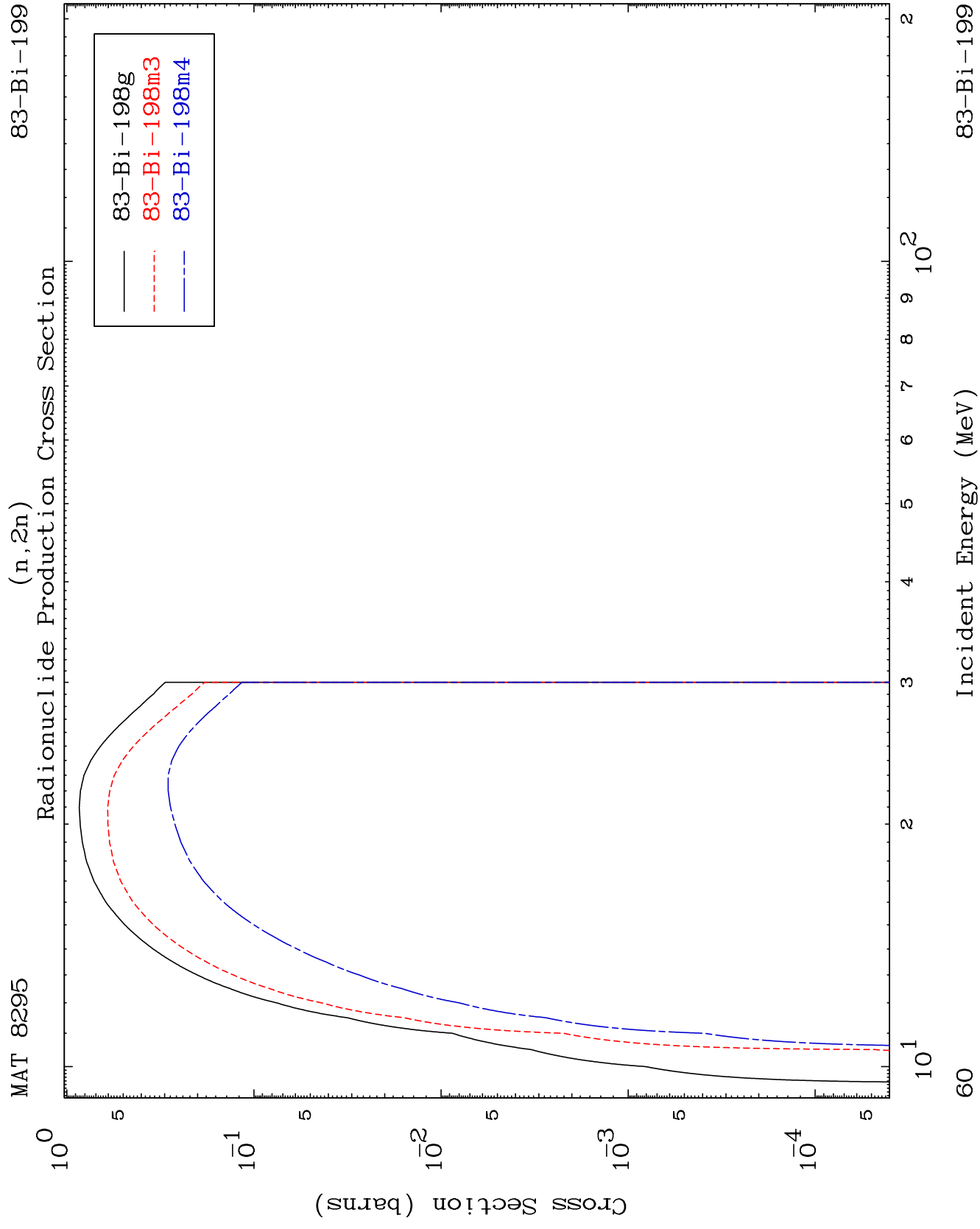


58

Incident Energy (MeV)

83-Bi-199

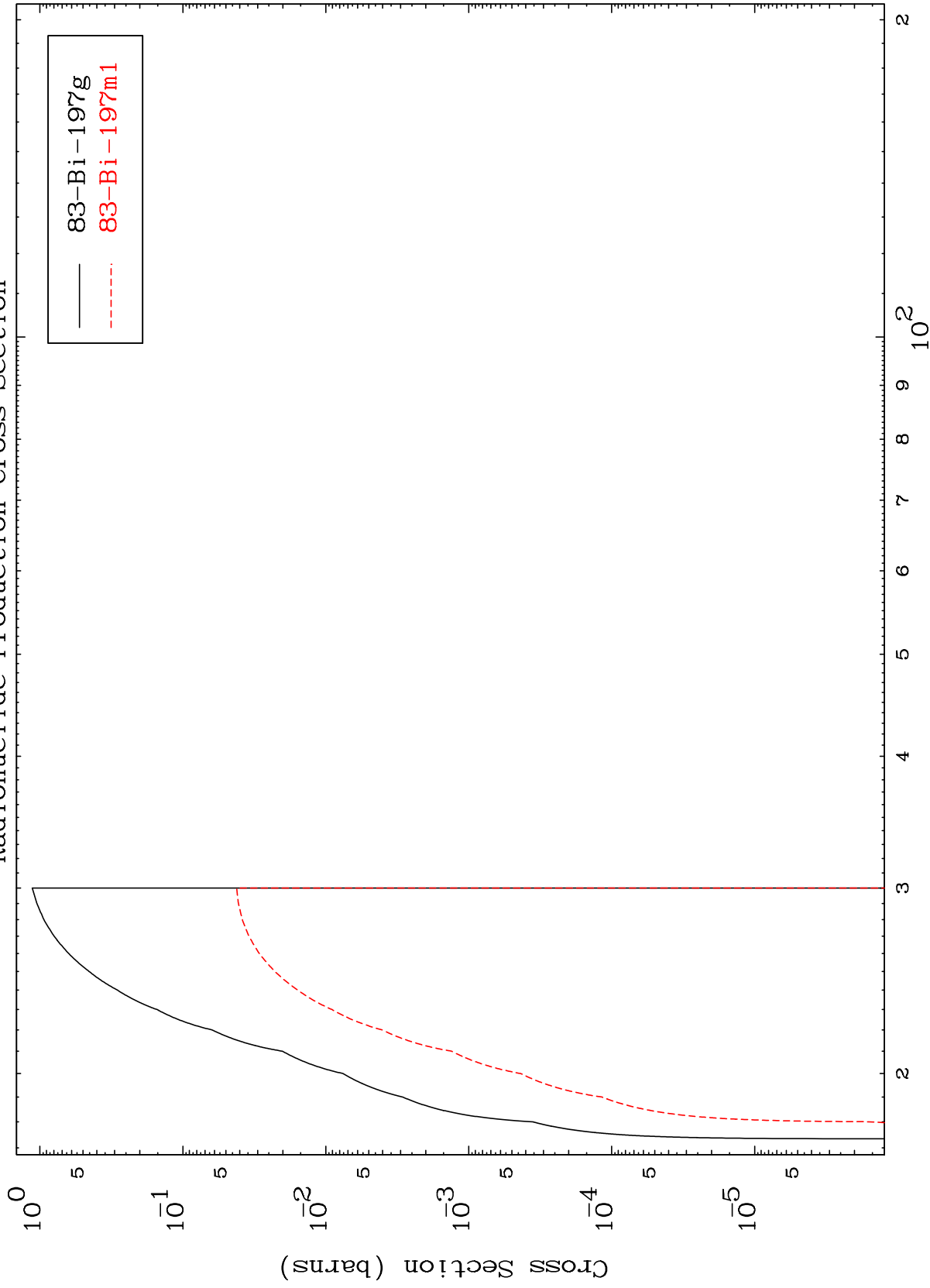




MAT 8295

83-Bi-199

(n,3n)
Radionuclide Production Cross Section



61

Incident Energy (MeV)

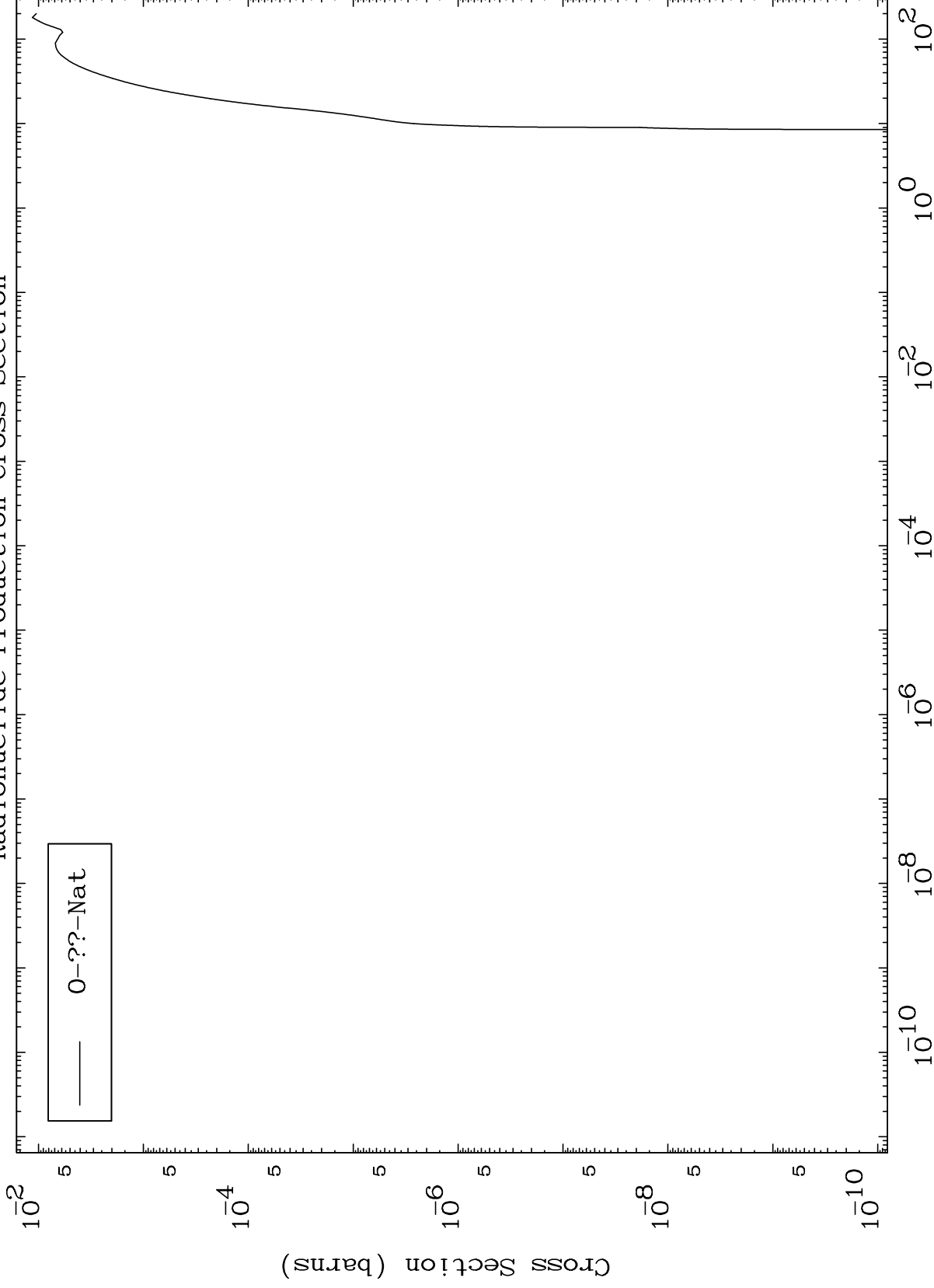
83-Bi-199

MAT 8295

Fission

83-Bi-199

Radionuclide Production Cross Section



0-??-Nat

62

Incident Energy (MeV)

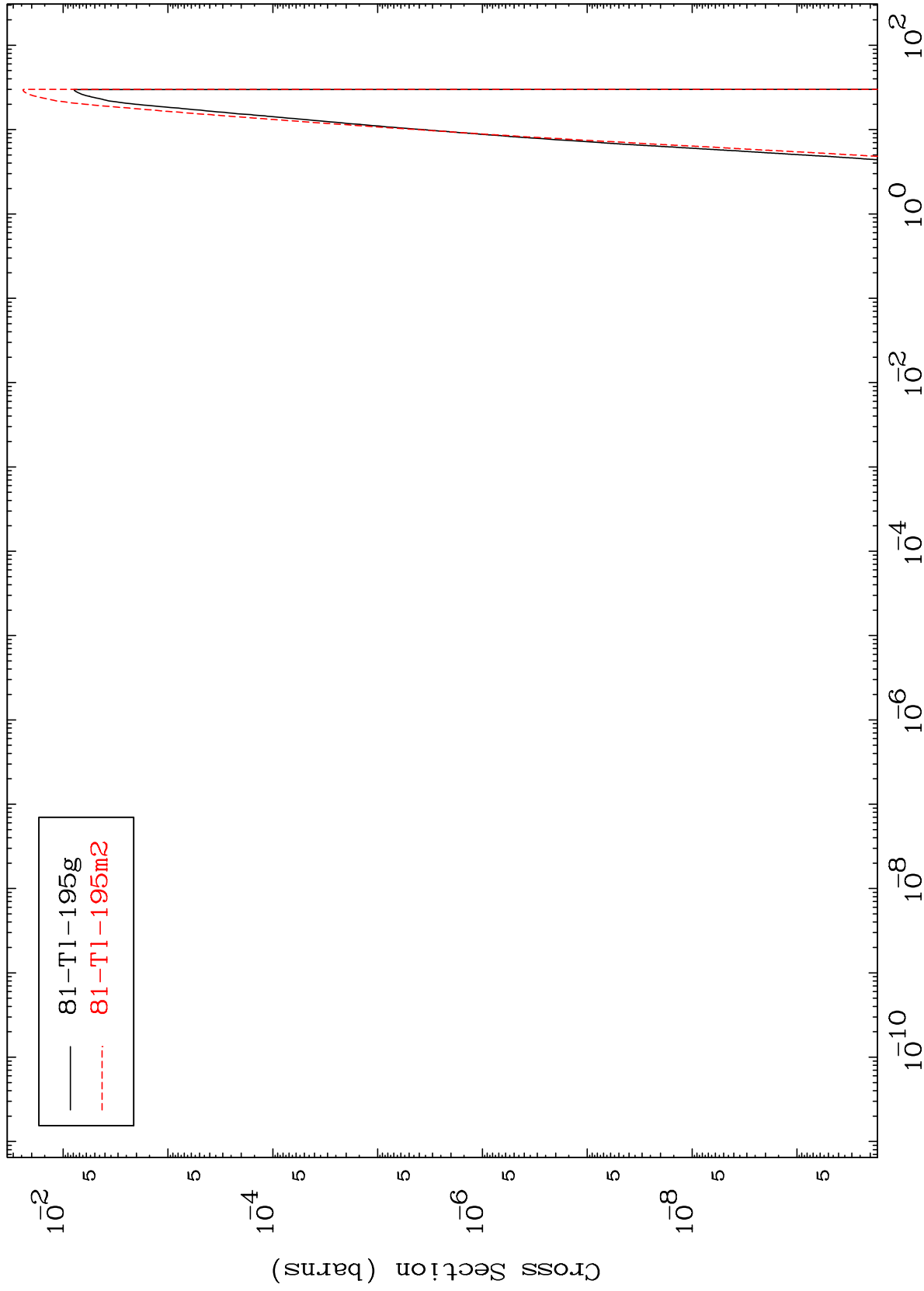
83-Bi-199

MAT 8295

$(n,n') \alpha$

83-Bi-199

Radionuclide Production Cross Section



63

Incident Energy (MeV)

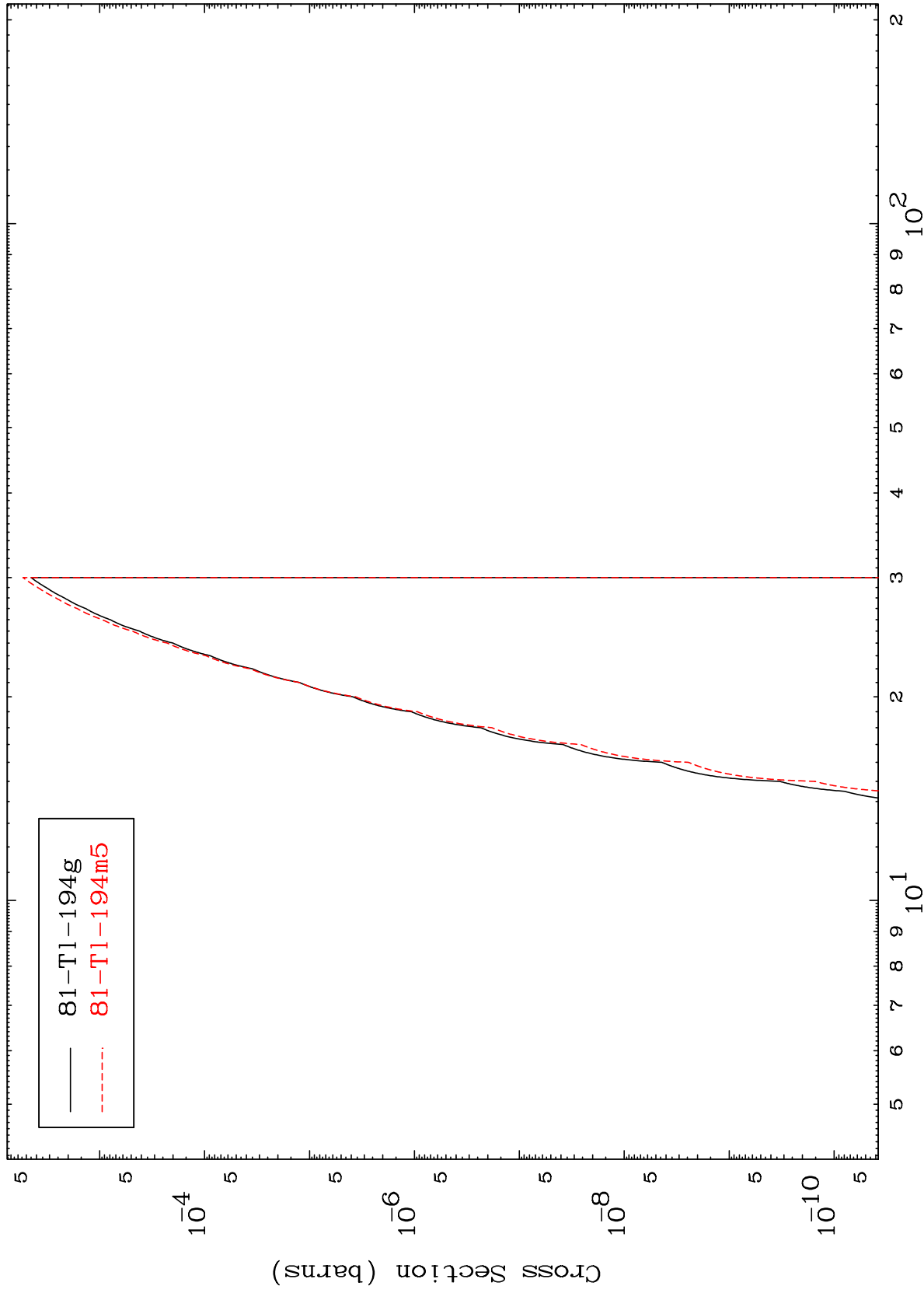
83-Bi-199

MAT 8295

$(n,2n) \alpha$

83-Bi-199

Radionuclide Production Cross Section



64

Incident Energy (MeV)

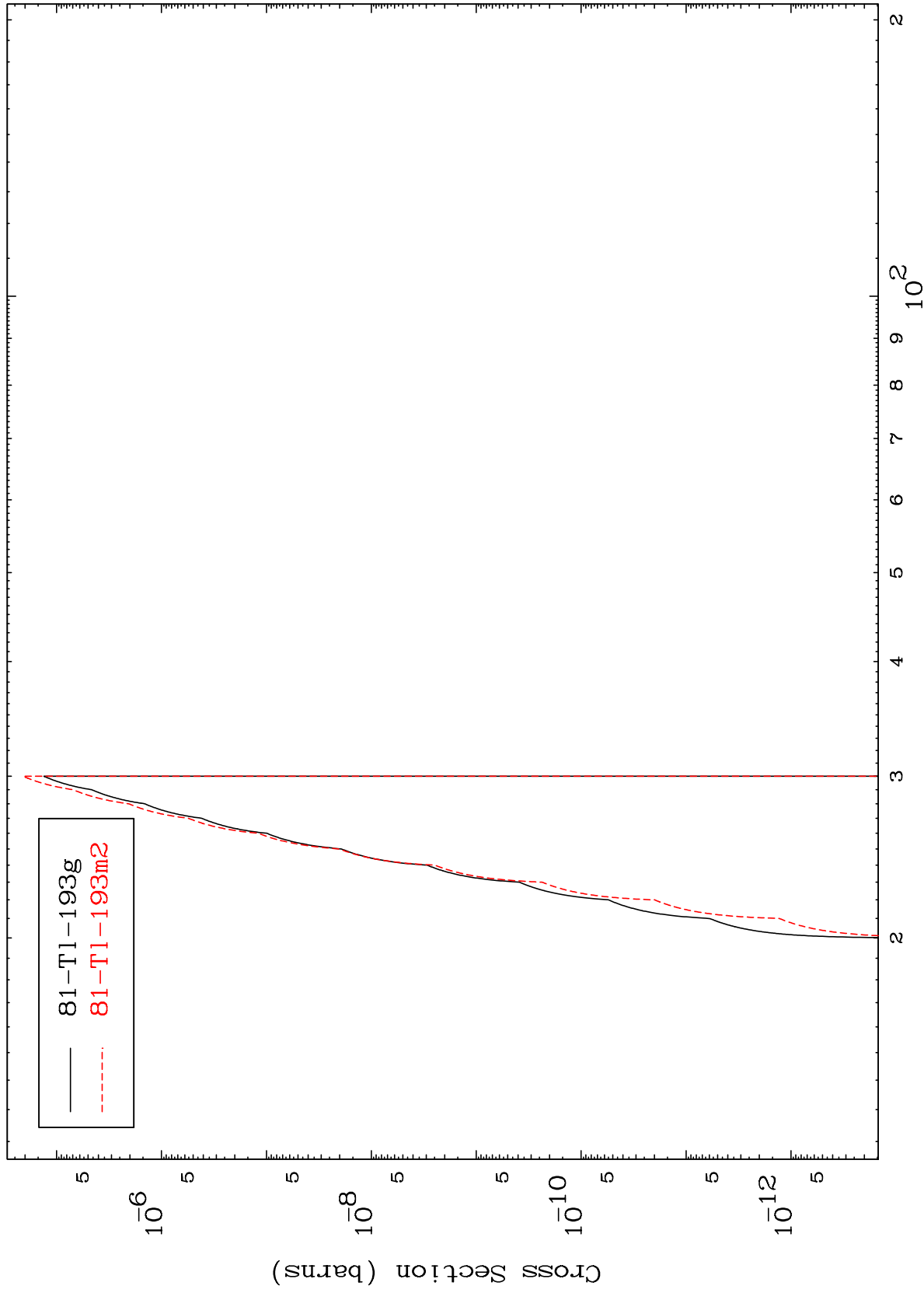
83-Bi-199

MAT 8295

$(n,3n) \alpha$

83-Bi-199

Radionuclide Production Cross Section



65

Incident Energy (MeV)

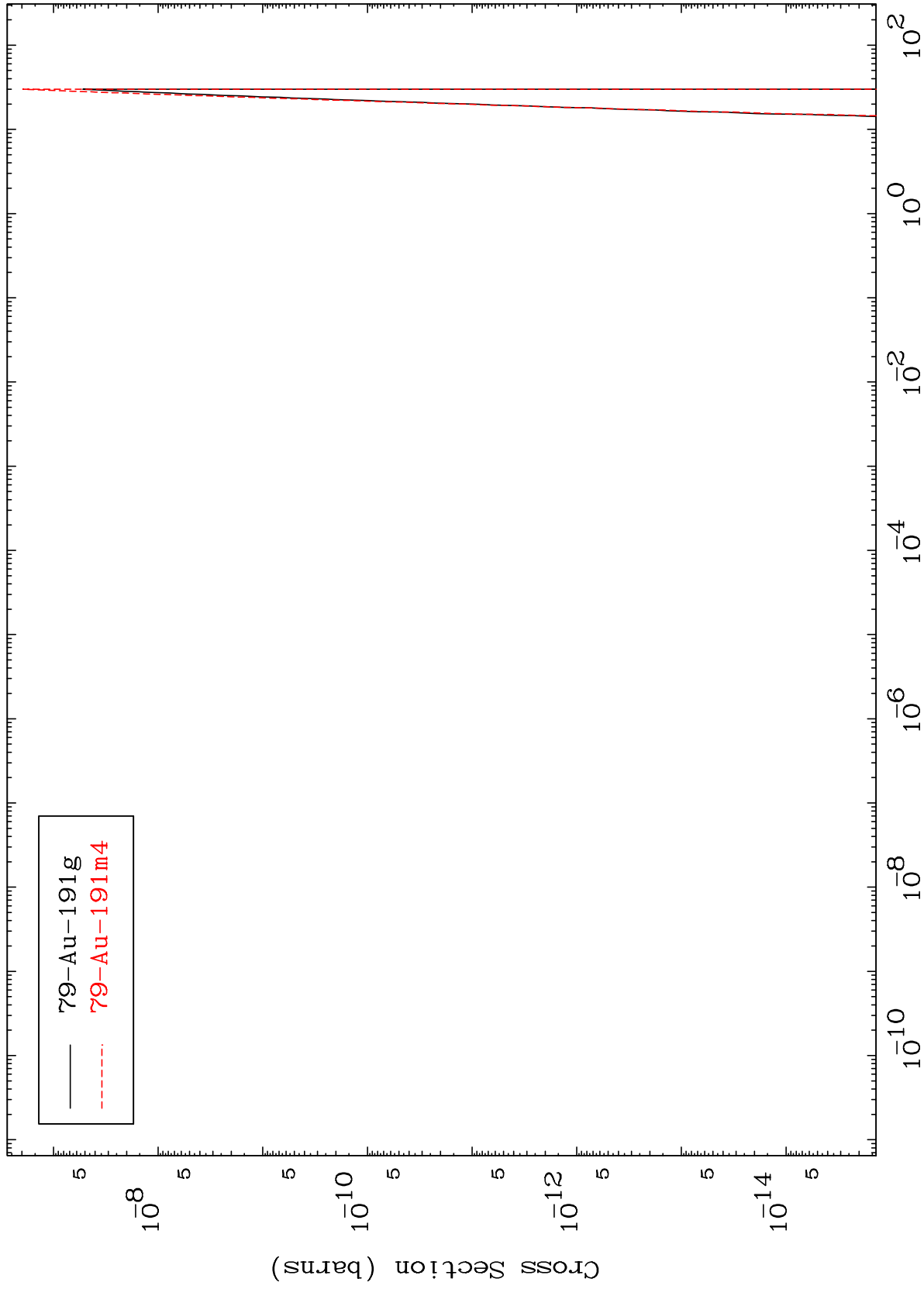
83-Bi-199

MAT 8295

(n,n') 2 α

83-Bi-199

Radionuclide Production Cross Section



66

Incident Energy (MeV)

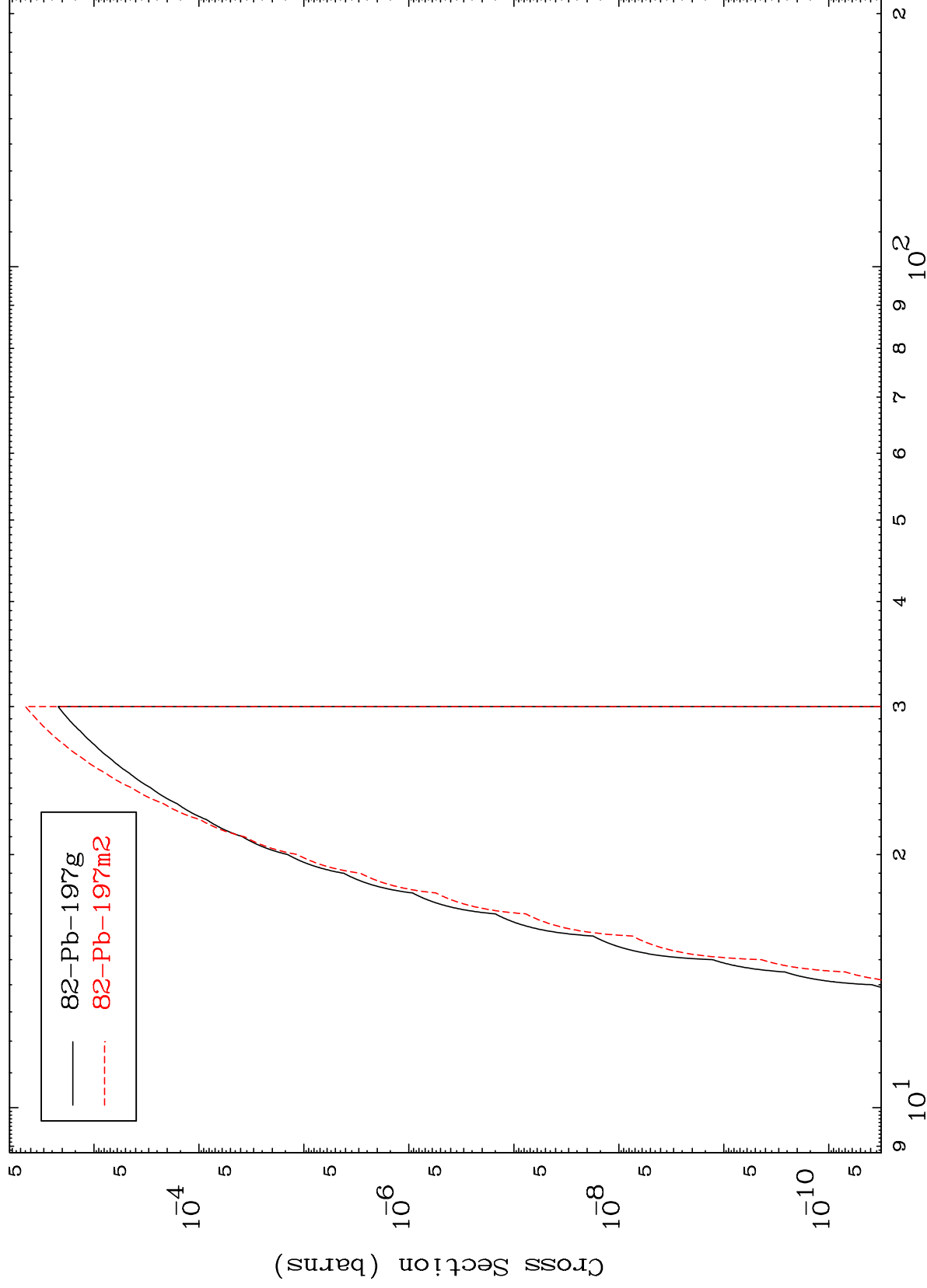
83-Bi-199

MAT 8295

(n,n') d

83-Bi-199

Radionuclide Production Cross Section



67

Incident Energy (MeV)

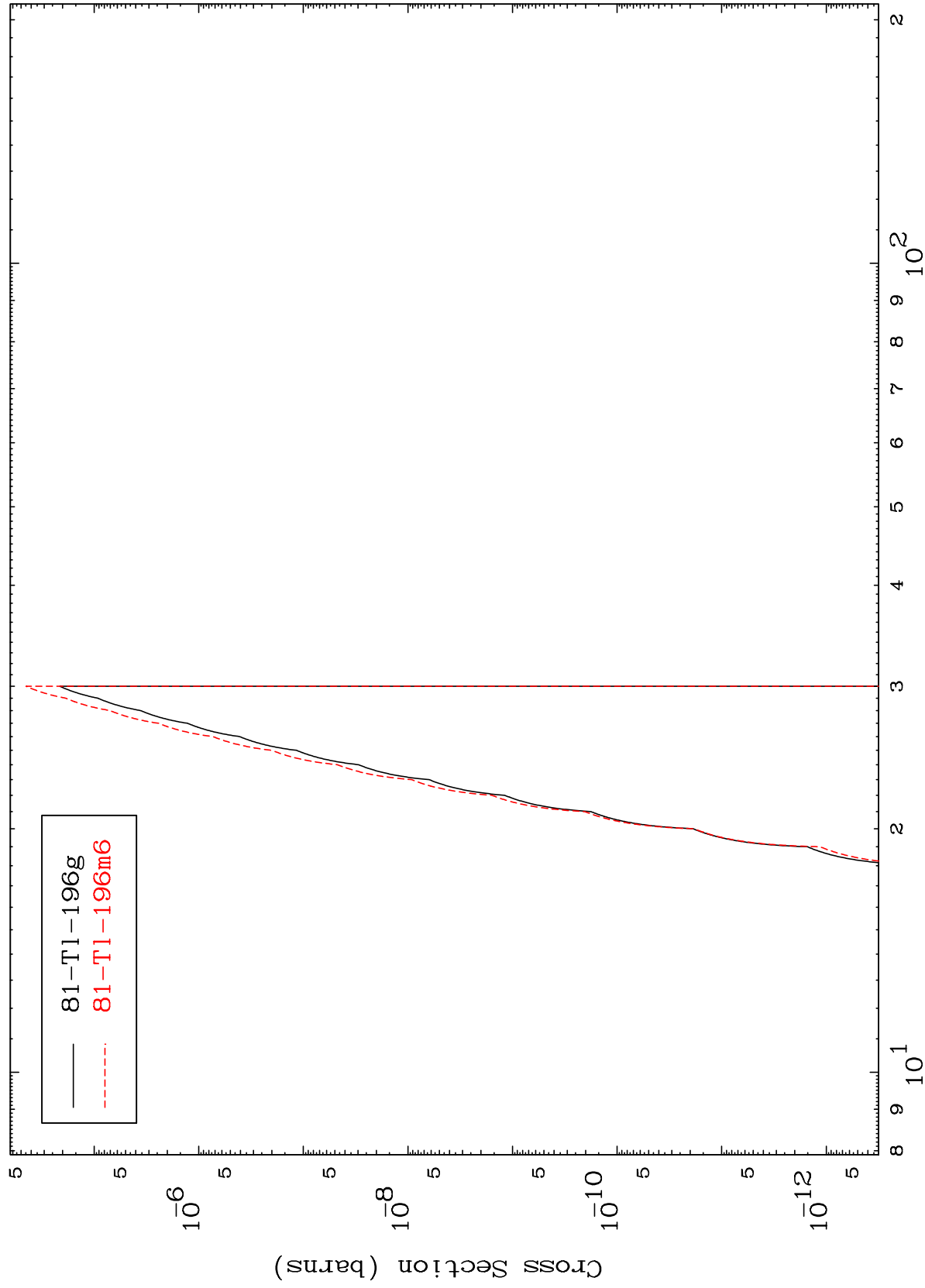
83-Bi-199

MAT 8295

(n,n') He-3

83-Bi-199

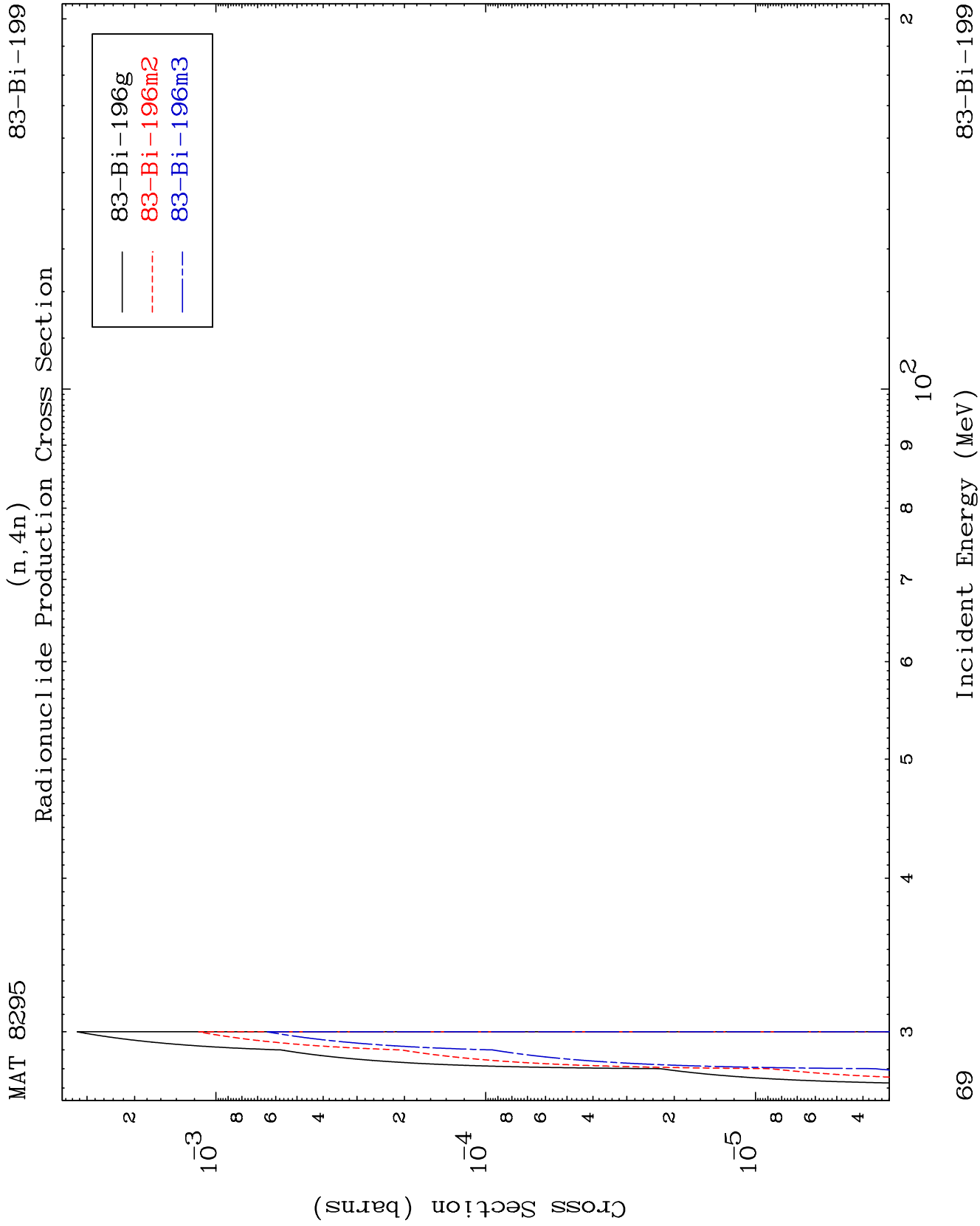
Radionuclide Production Cross Section



68

Incident Energy (MeV)

83-Bi-199

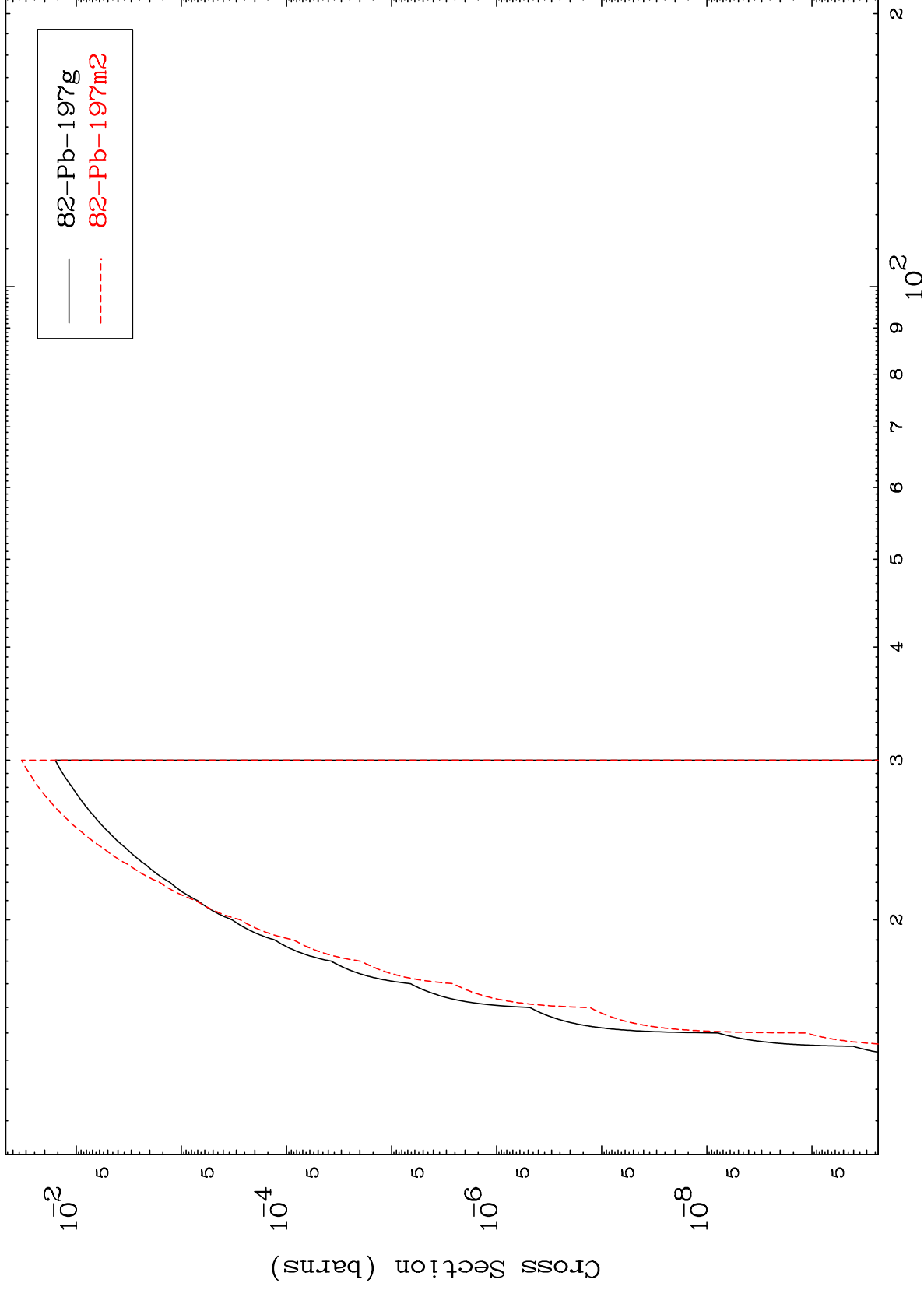


MAT 8295

(n,2n) p

83-Bi-199

Radionuclide Production Cross Section



70

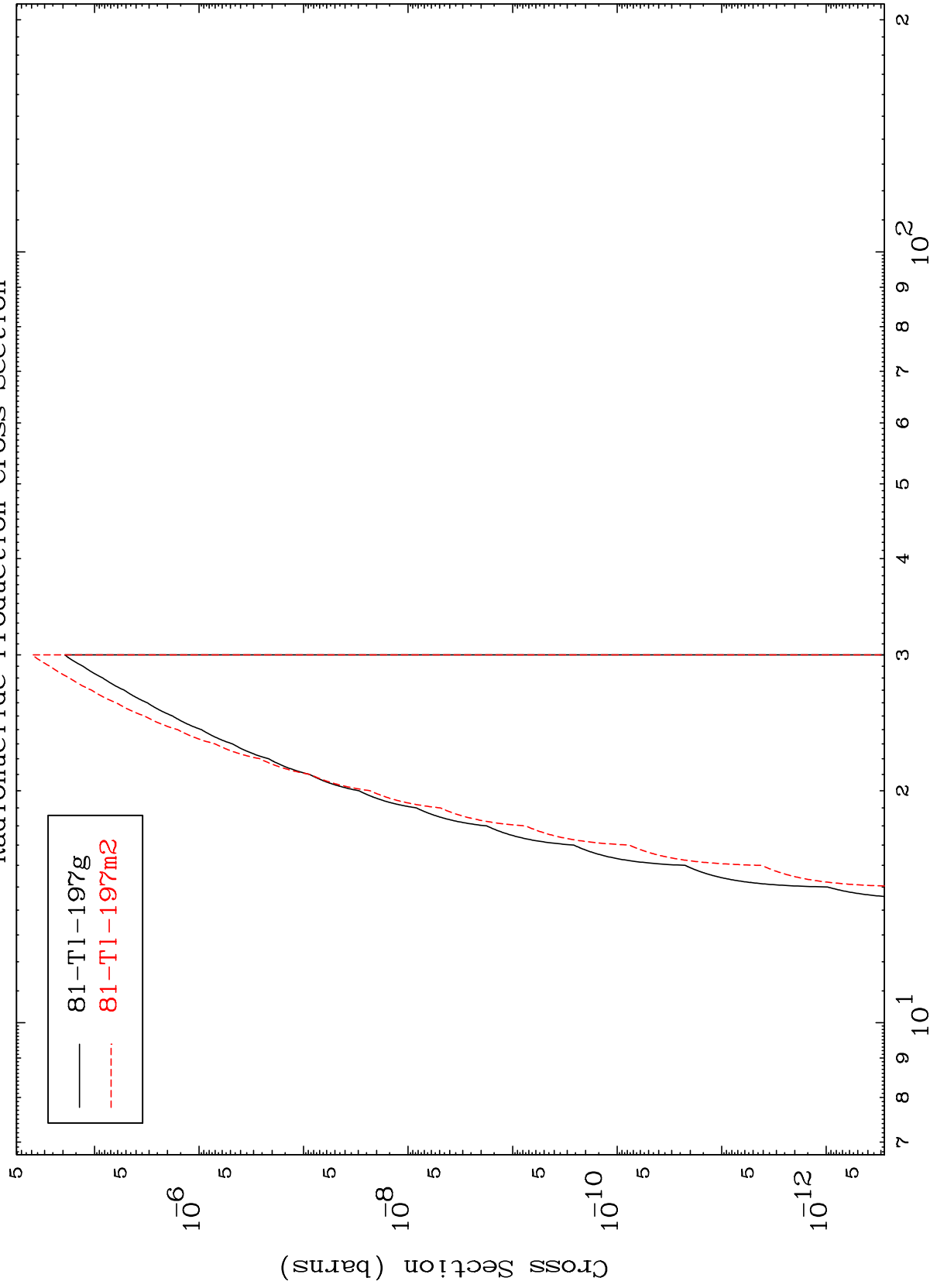
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

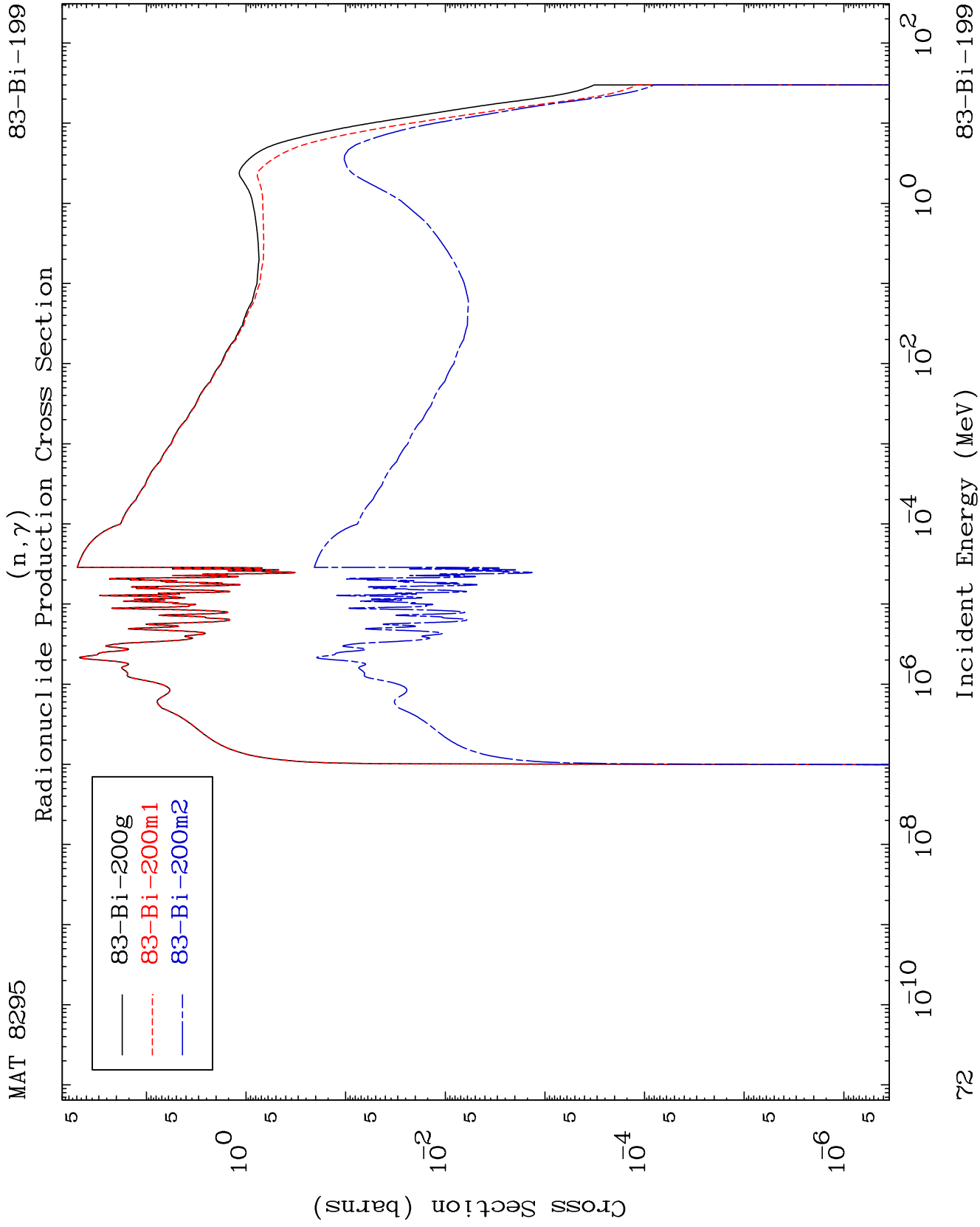
(n,2n) p
Radionuclide Production Cross Section



71

Incident Energy (MeV)

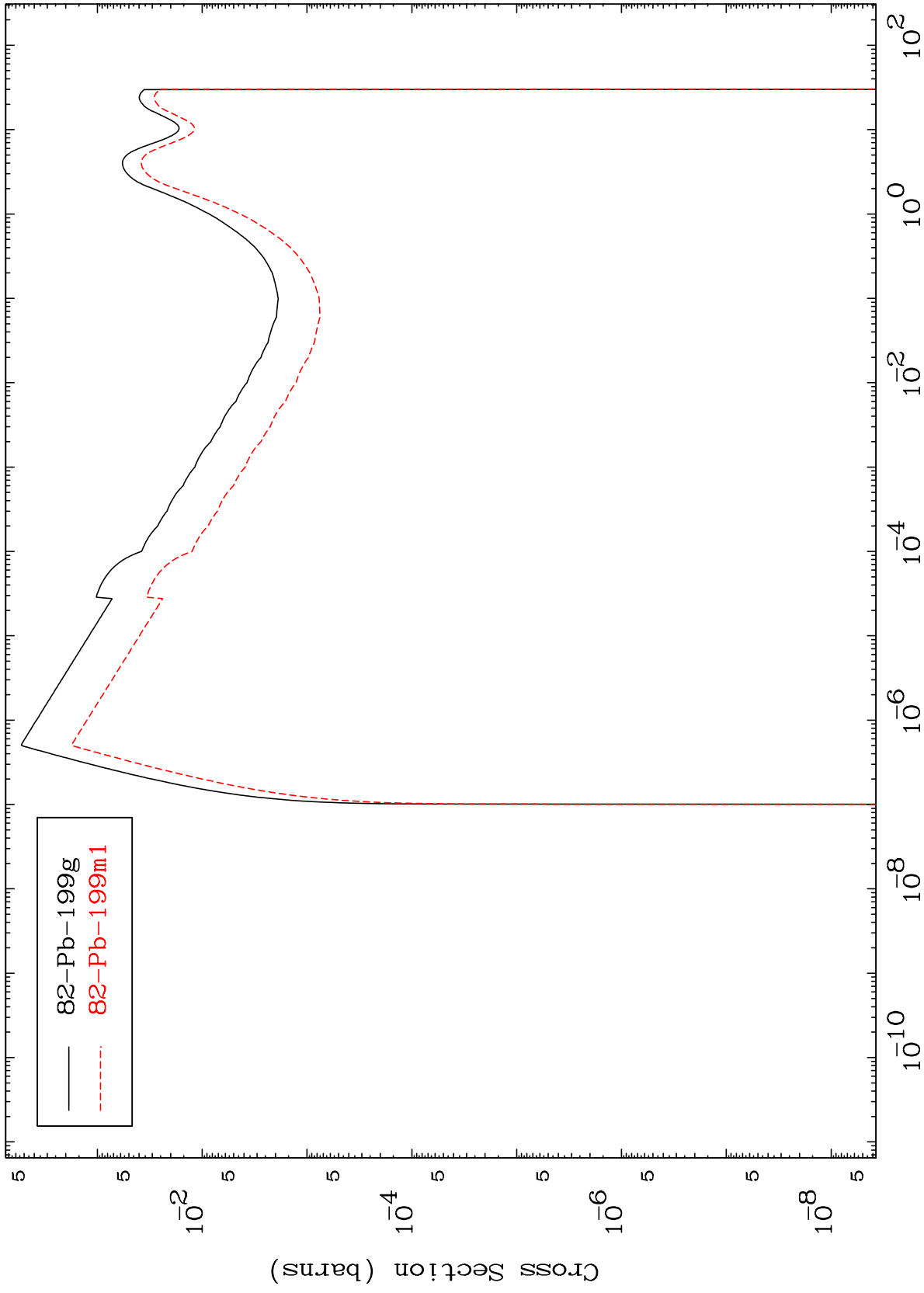
83-Bi-199



MAT 8295

83-Bi-199

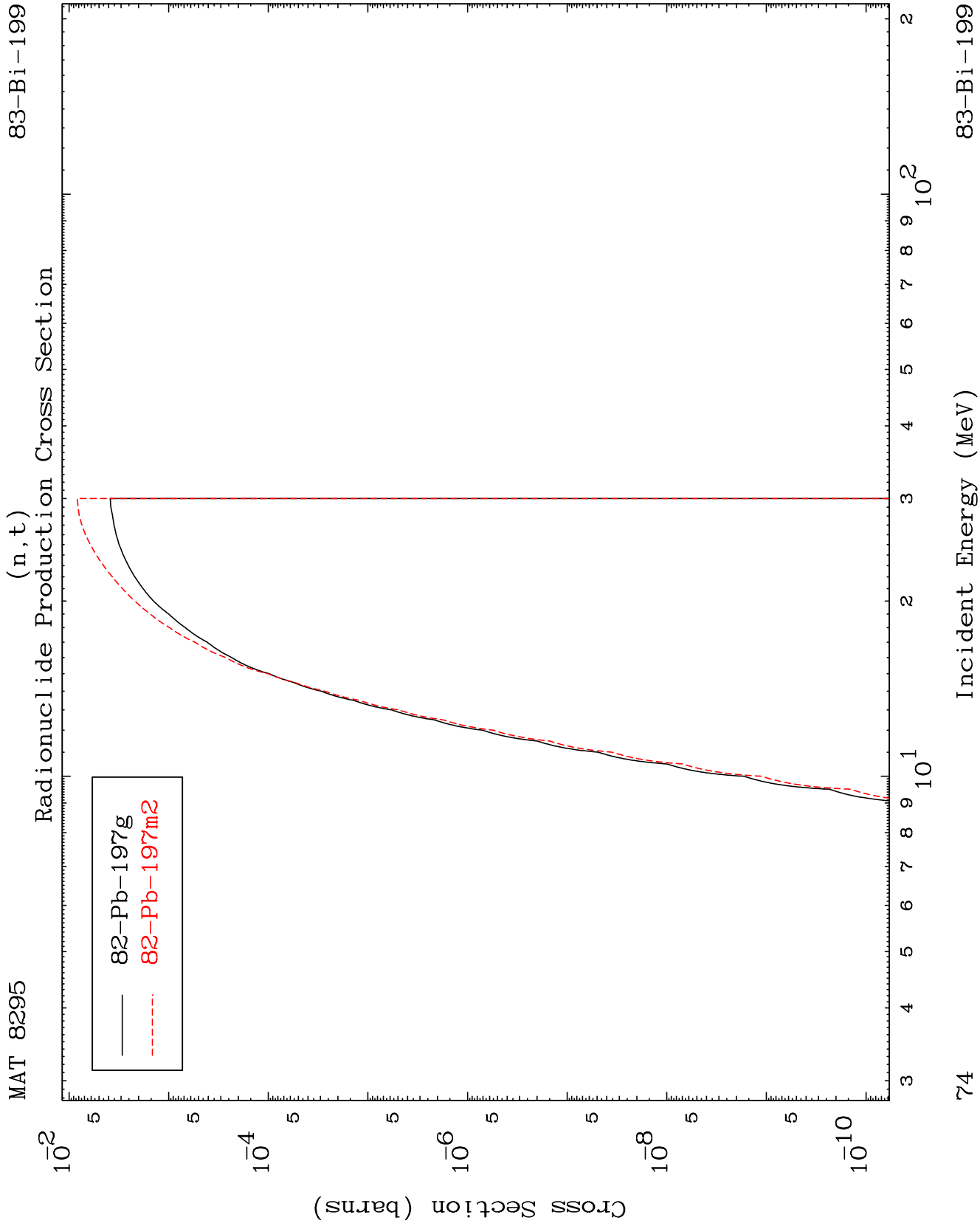
Radionuclide Production Cross Section



73

Incident Energy (MeV)

83-Bi-199

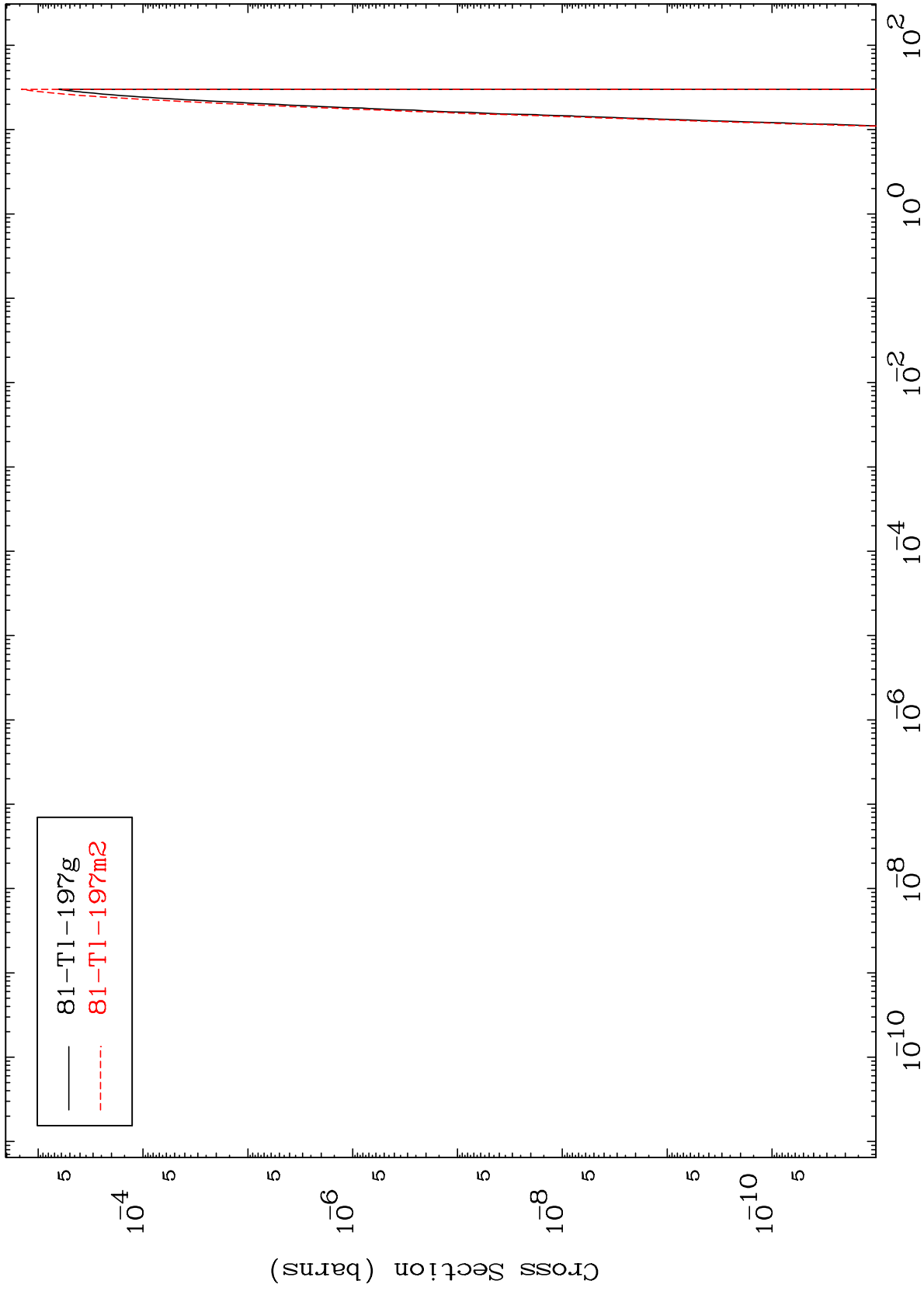


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(n,He-3)

83-Bi-199

Radionuclide Production Cross Section



75

Incident Energy (MeV)

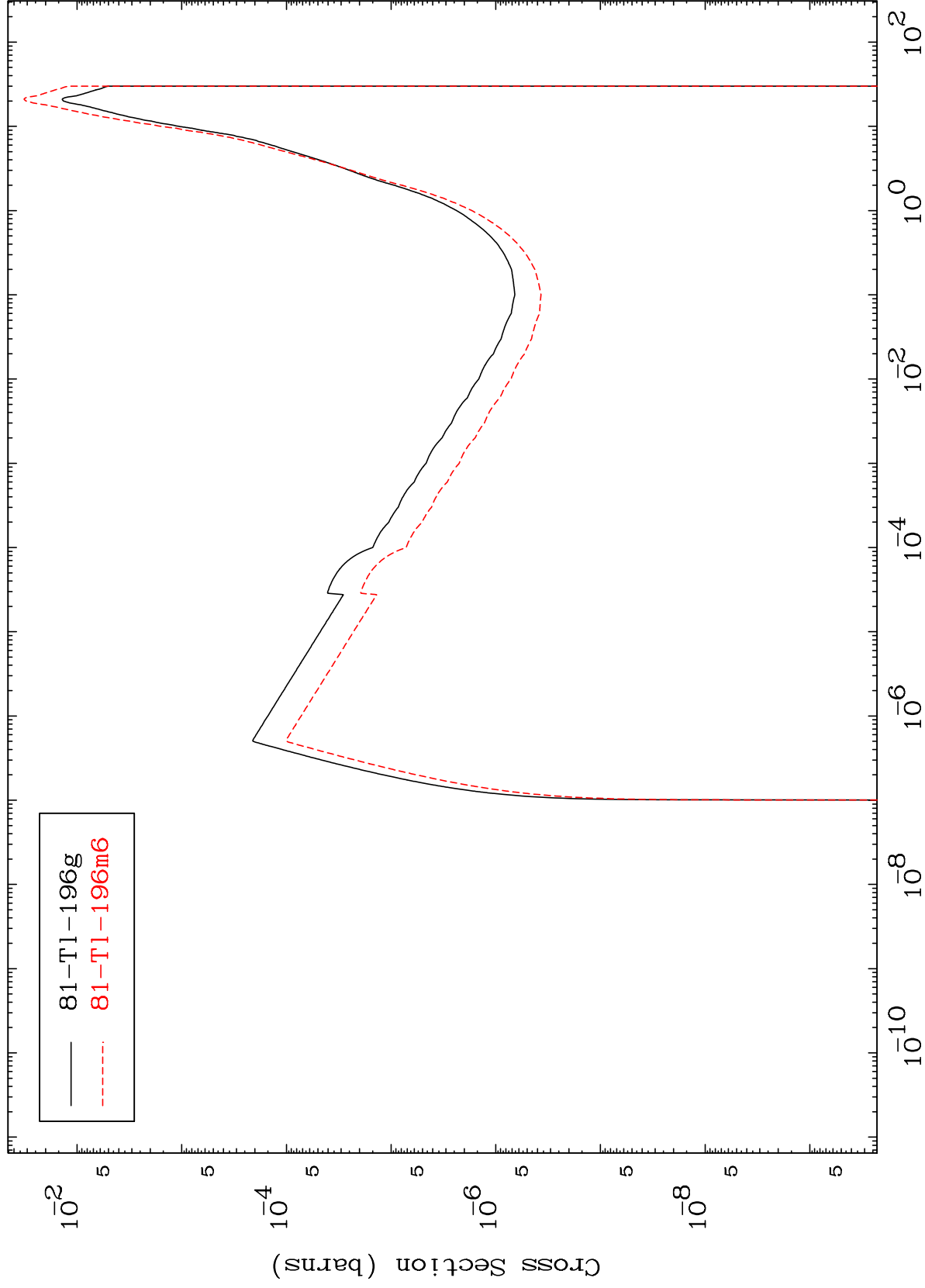
83-Bi-199

MAT 8295

(n,α)

83-Bi-199

Radionuclide Production Cross Section



76

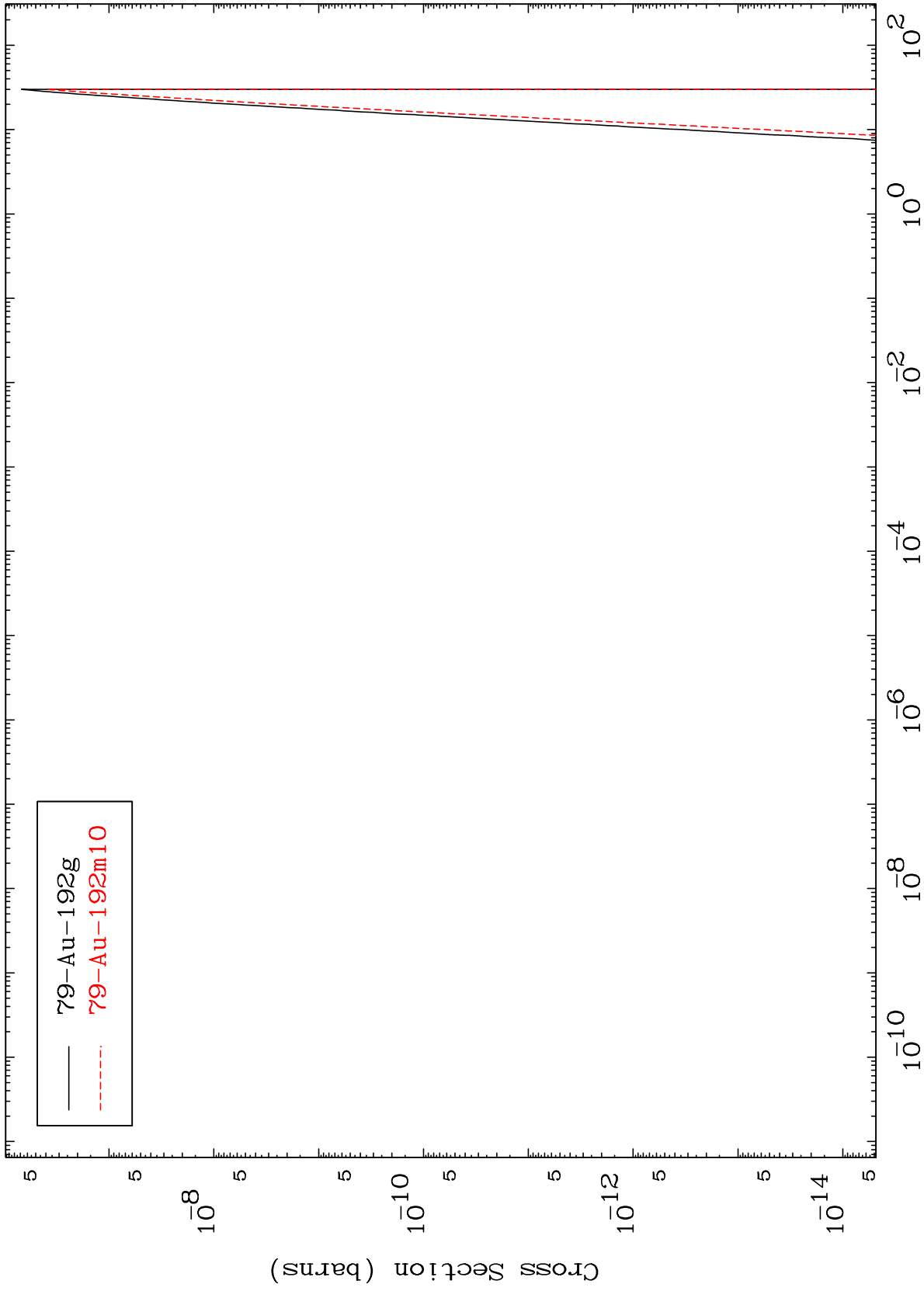
Incident Energy (MeV)

83-Bi-199

MAT 8295

Radionuclide Production Cross Section
(n,2α)

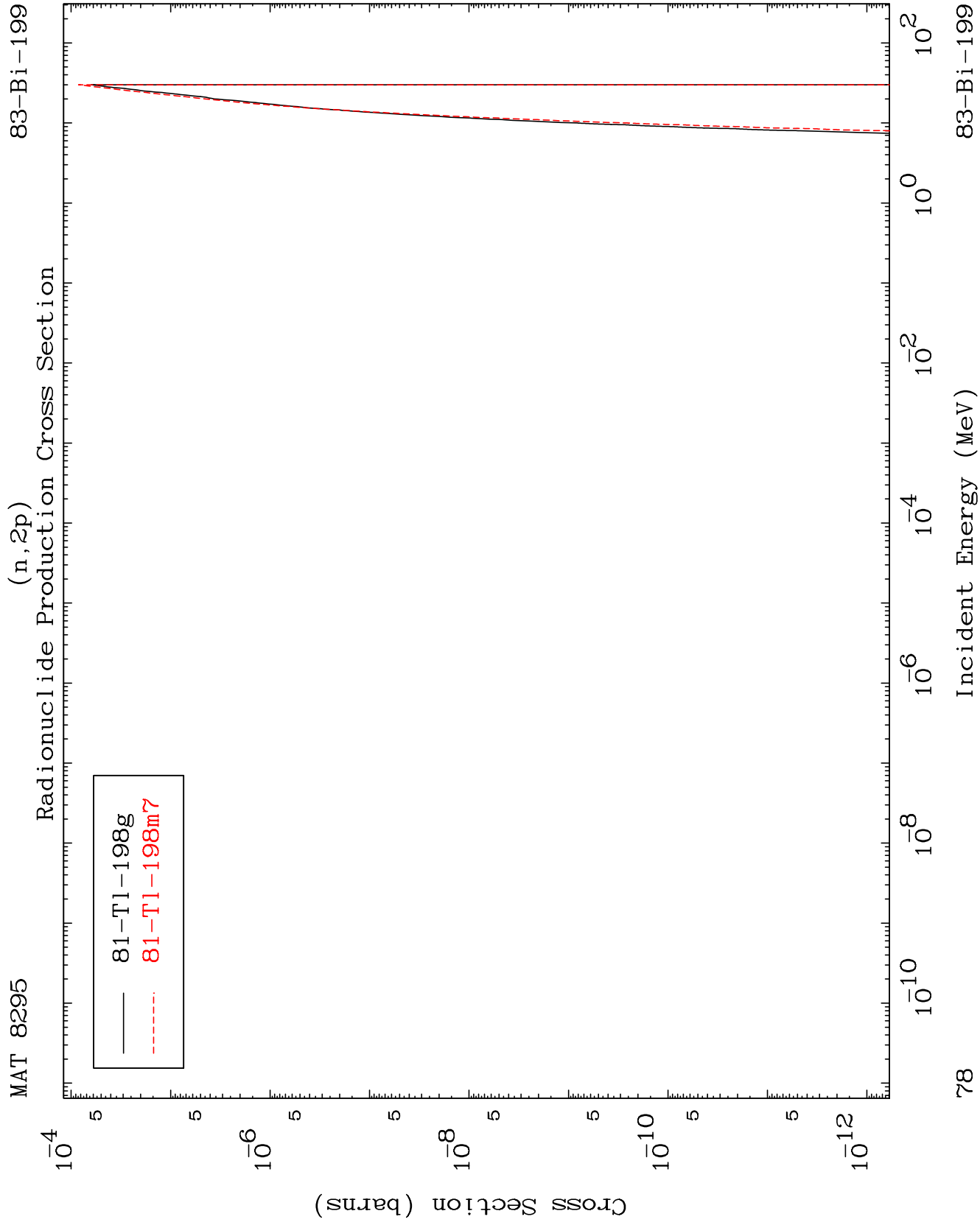
83-Bi-199



77

Incident Energy (MeV)

83-Bi-199

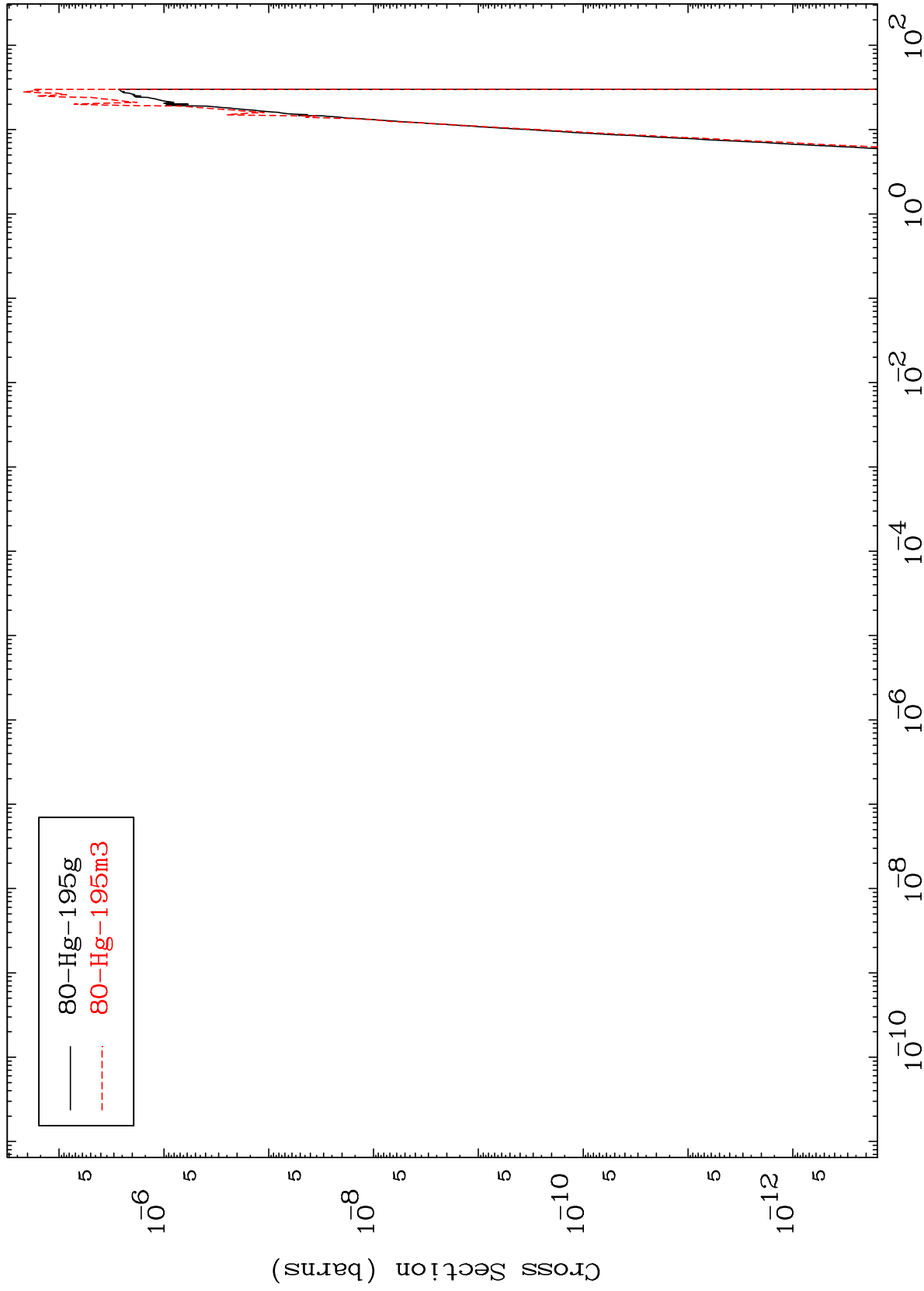


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(n,p) α

83-Bi-199

Radionuclide Production Cross Section



79

Incident Energy (MeV)

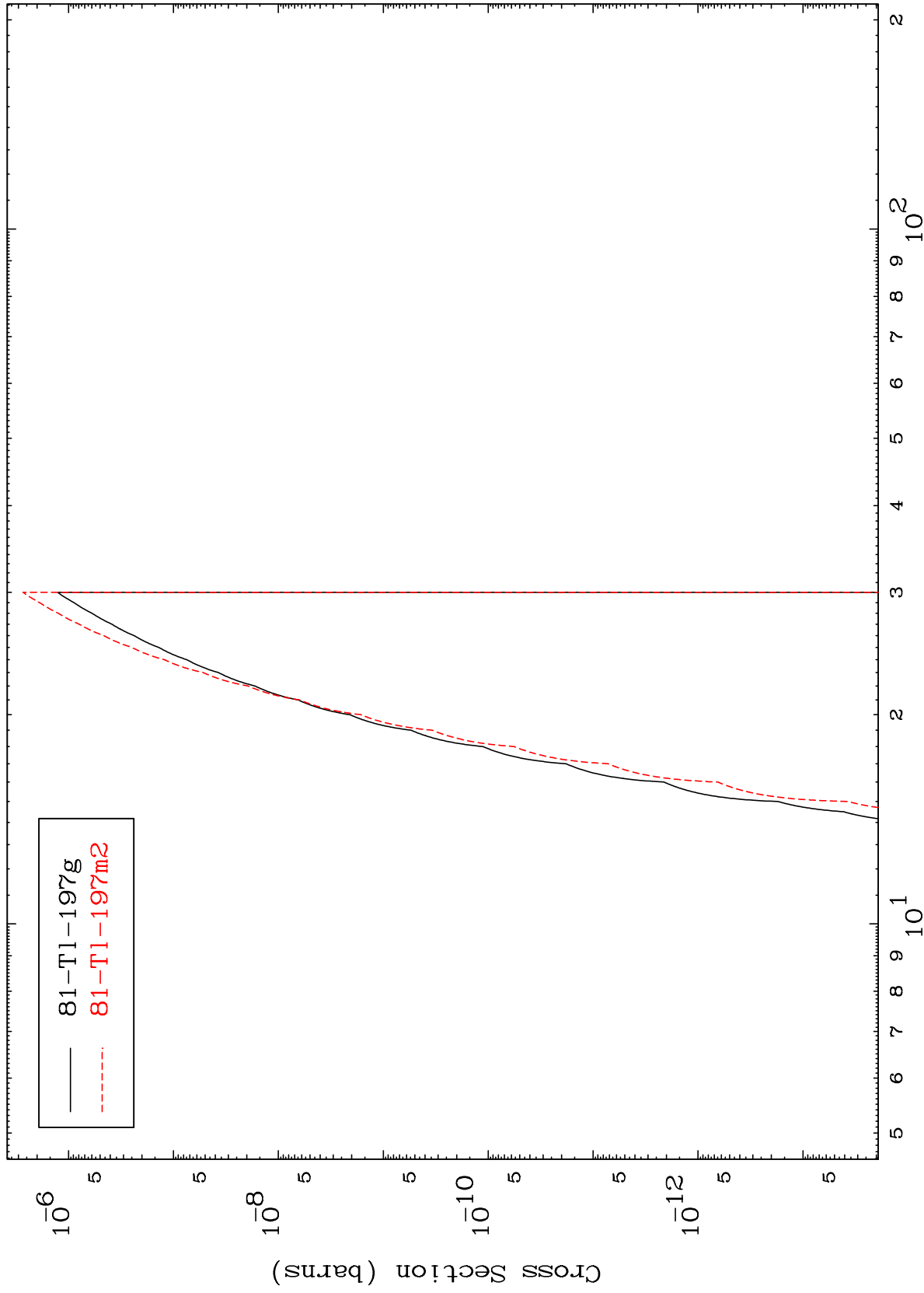
83-Bi-199

MAT 8295

(n,p) d

83-Bi-199

Radionuclide Production Cross Section



80

Incident Energy (MeV)

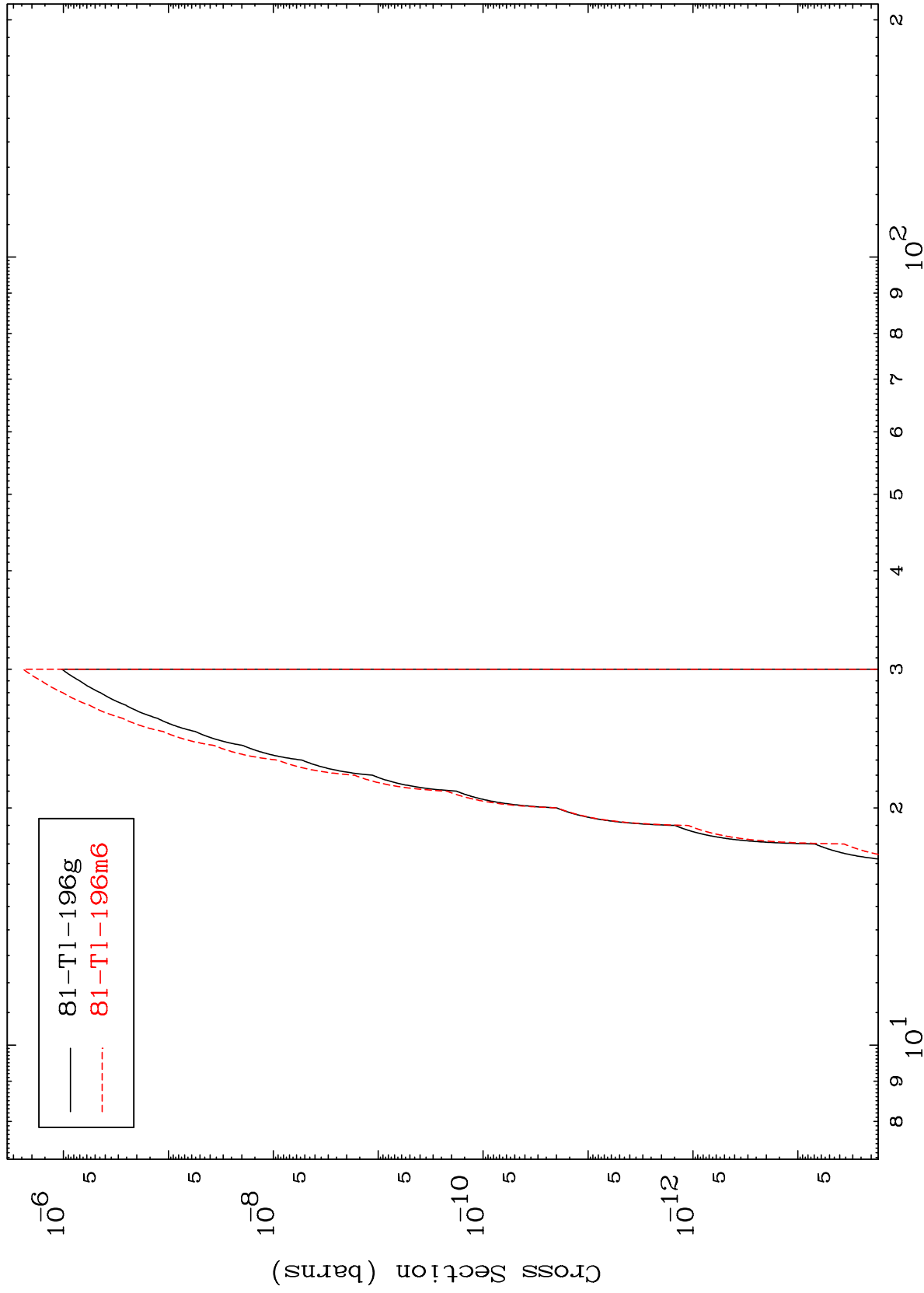
83-Bi-199

MAT 8295

(n,p) t

83-Bi-199

Radionuclide Production Cross Section



81

Incident Energy (MeV)

83-Bi-199