

Program EVALPLOT
(Version 2021-1)

by

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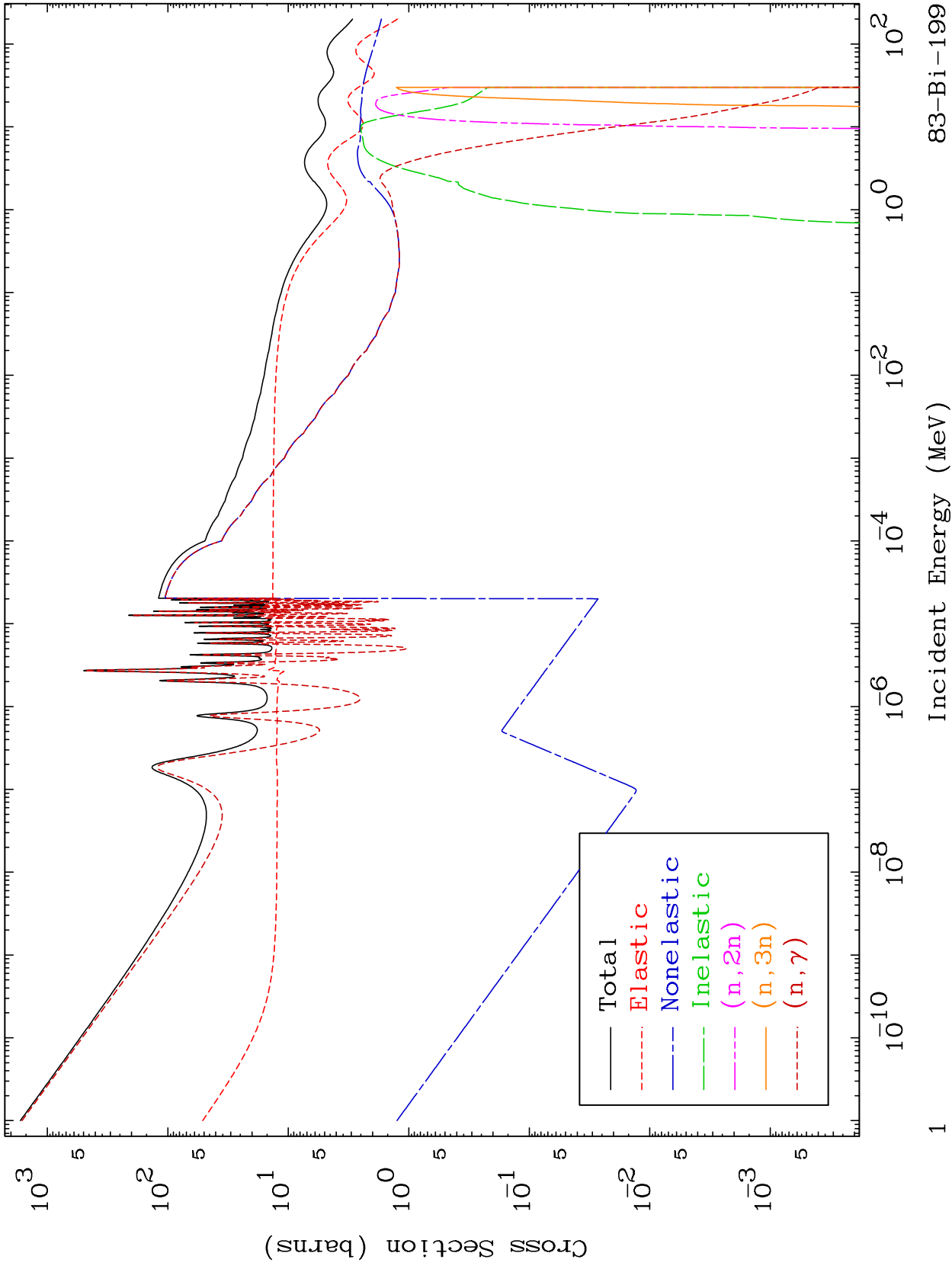
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Press Mouse Button to Start

MAT 8295

Neutron Major
293 Kelvin Cross Sections

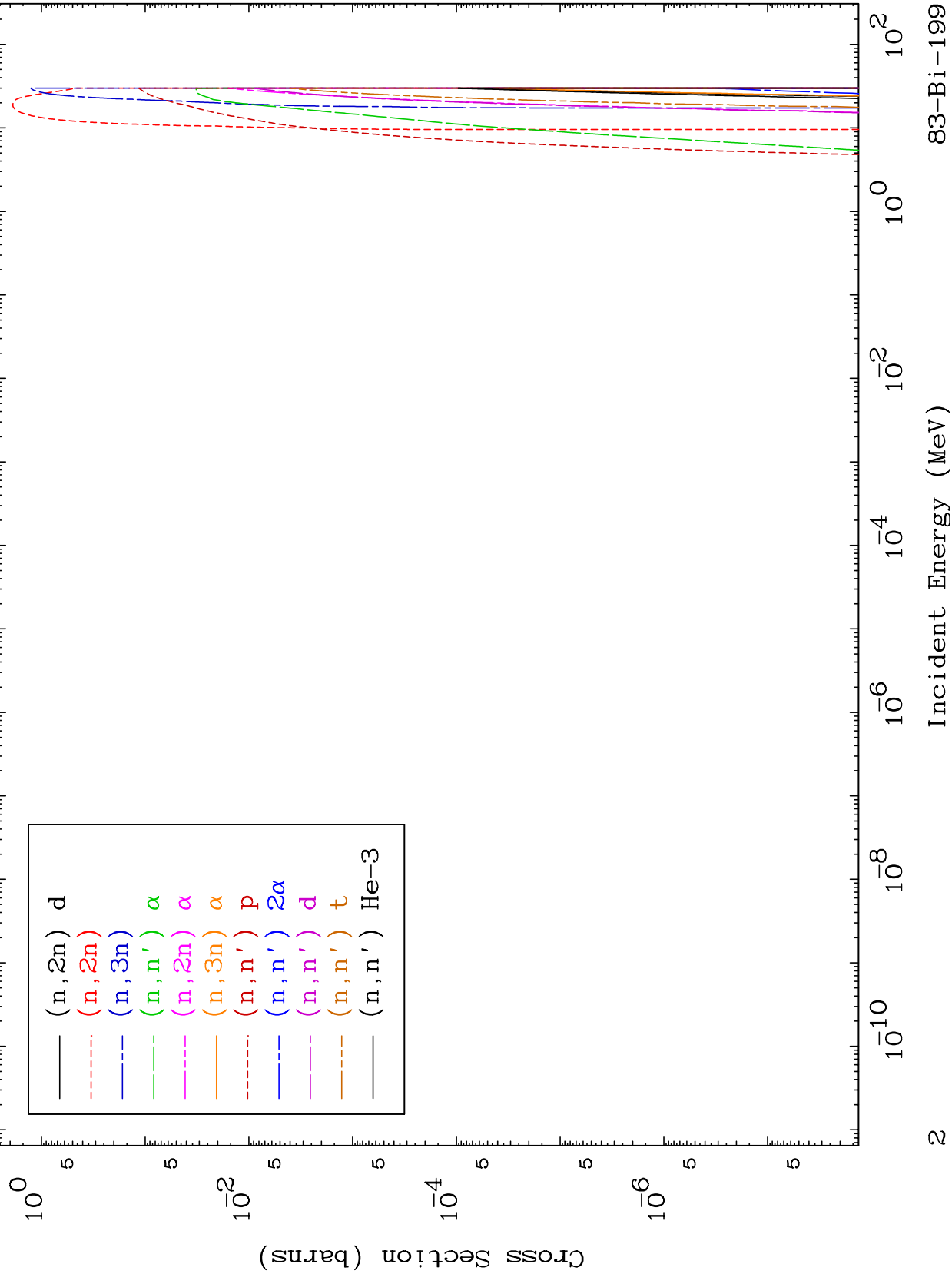
83-Bi-199



MAT 8295

Neutron Absorption
293 Kelvin Cross Sections

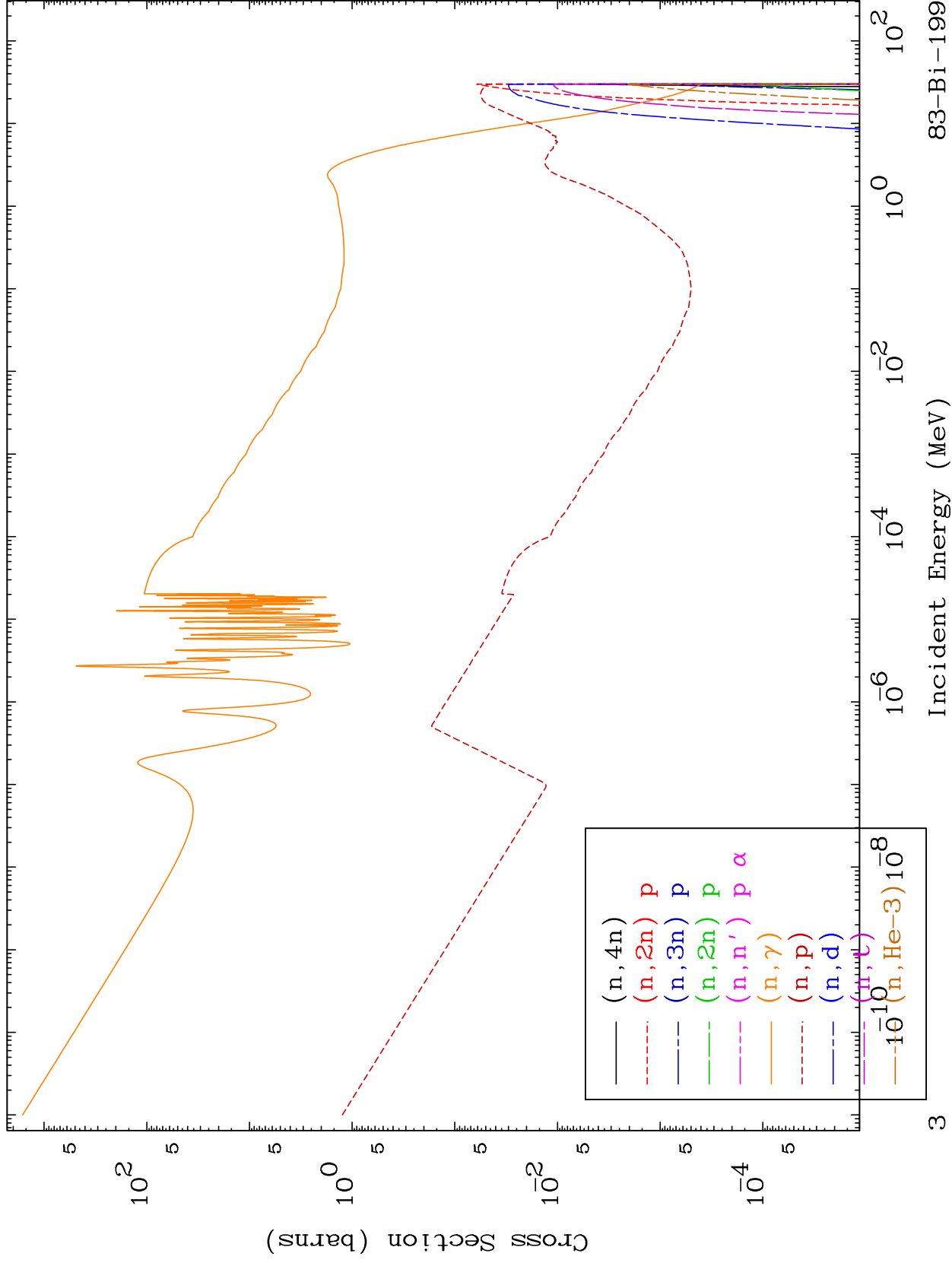
83-Bi-199



MAT 8295

Neutron Absorption
293 Kelvin Cross Sections

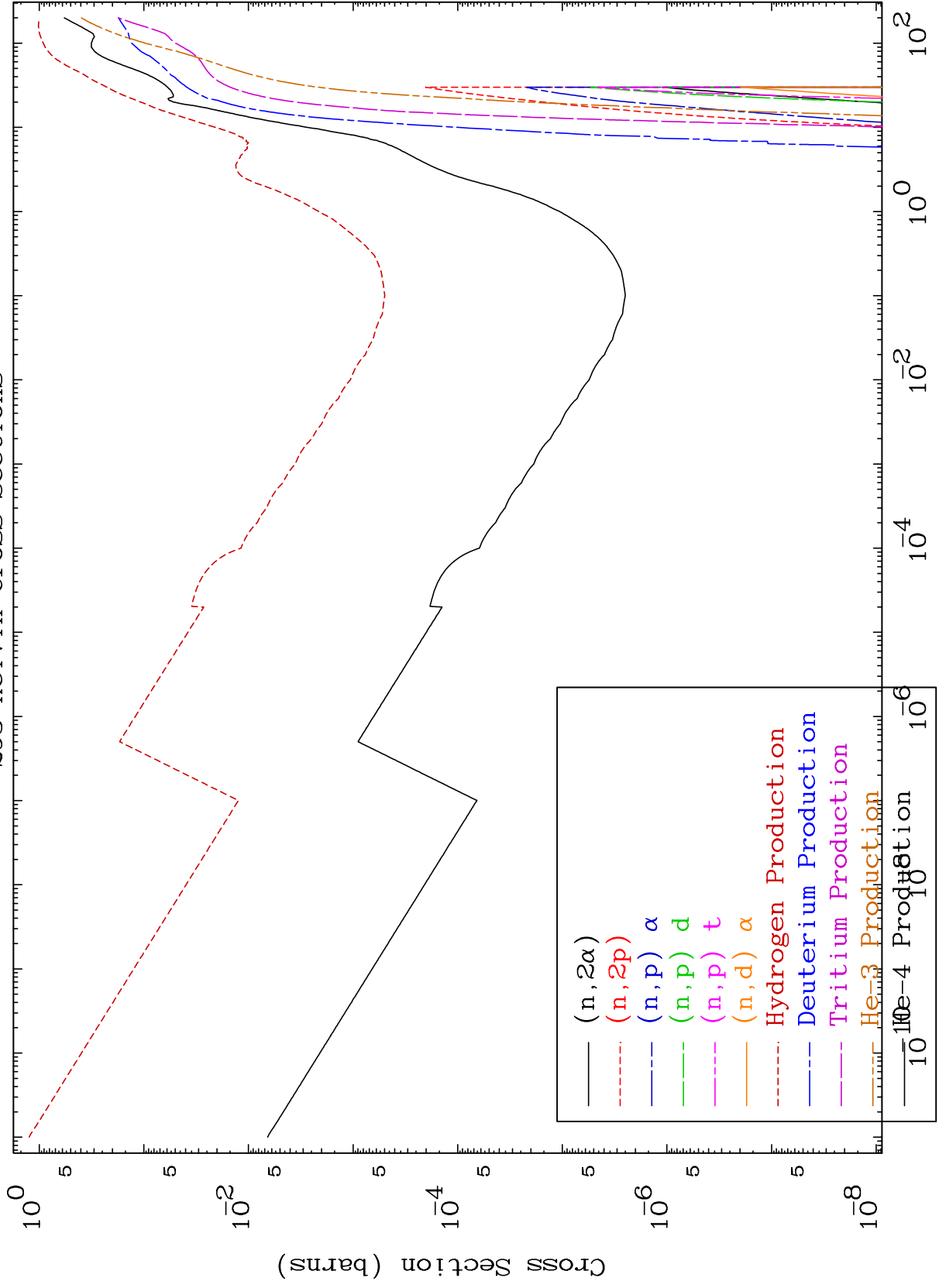
83-Bi-199



MAT 8295

Neutron Absorption
293 Kelvin Cross Sections

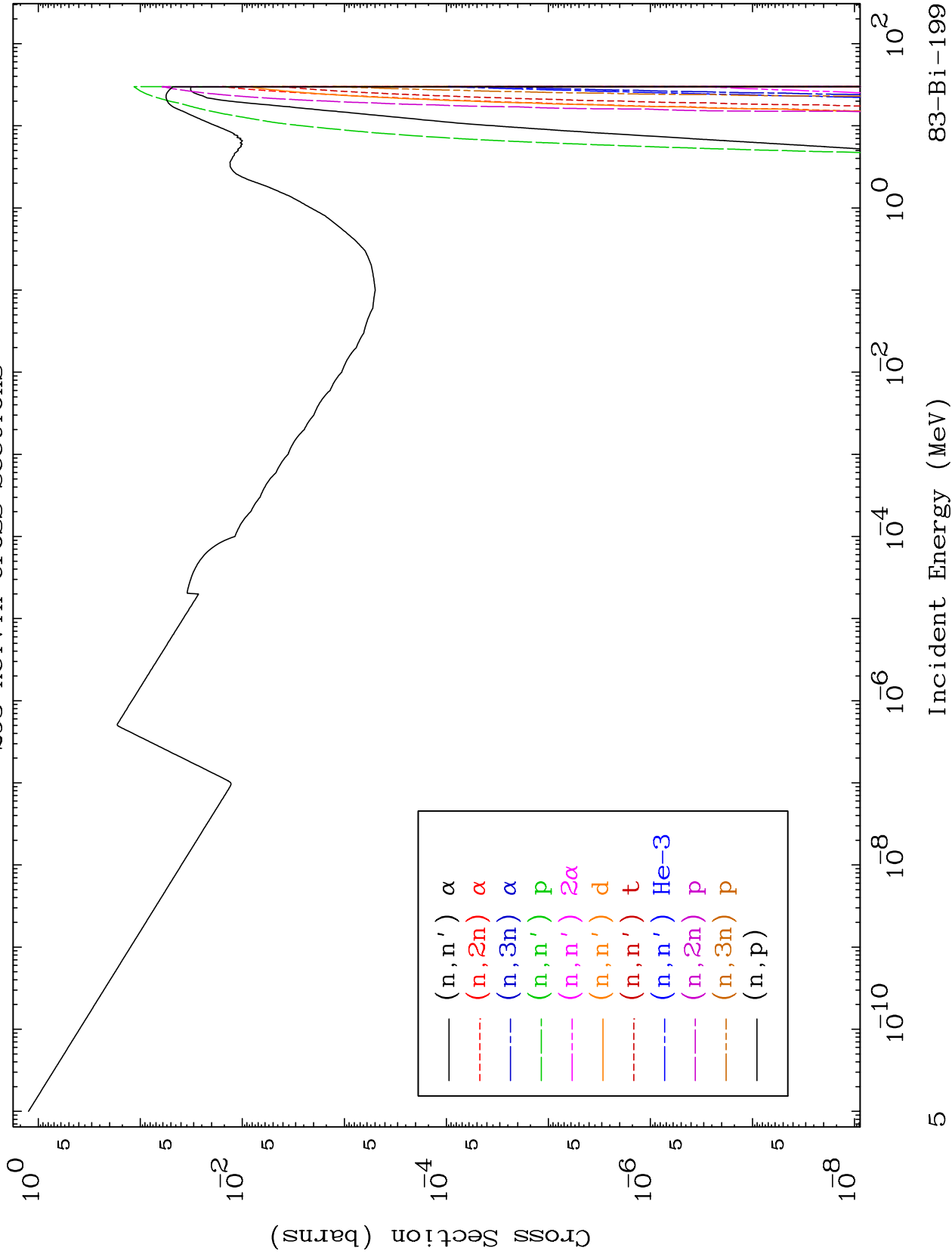
83-Bi-199



MAT 8295

Charged Particle
293 Kelvin Cross Sections

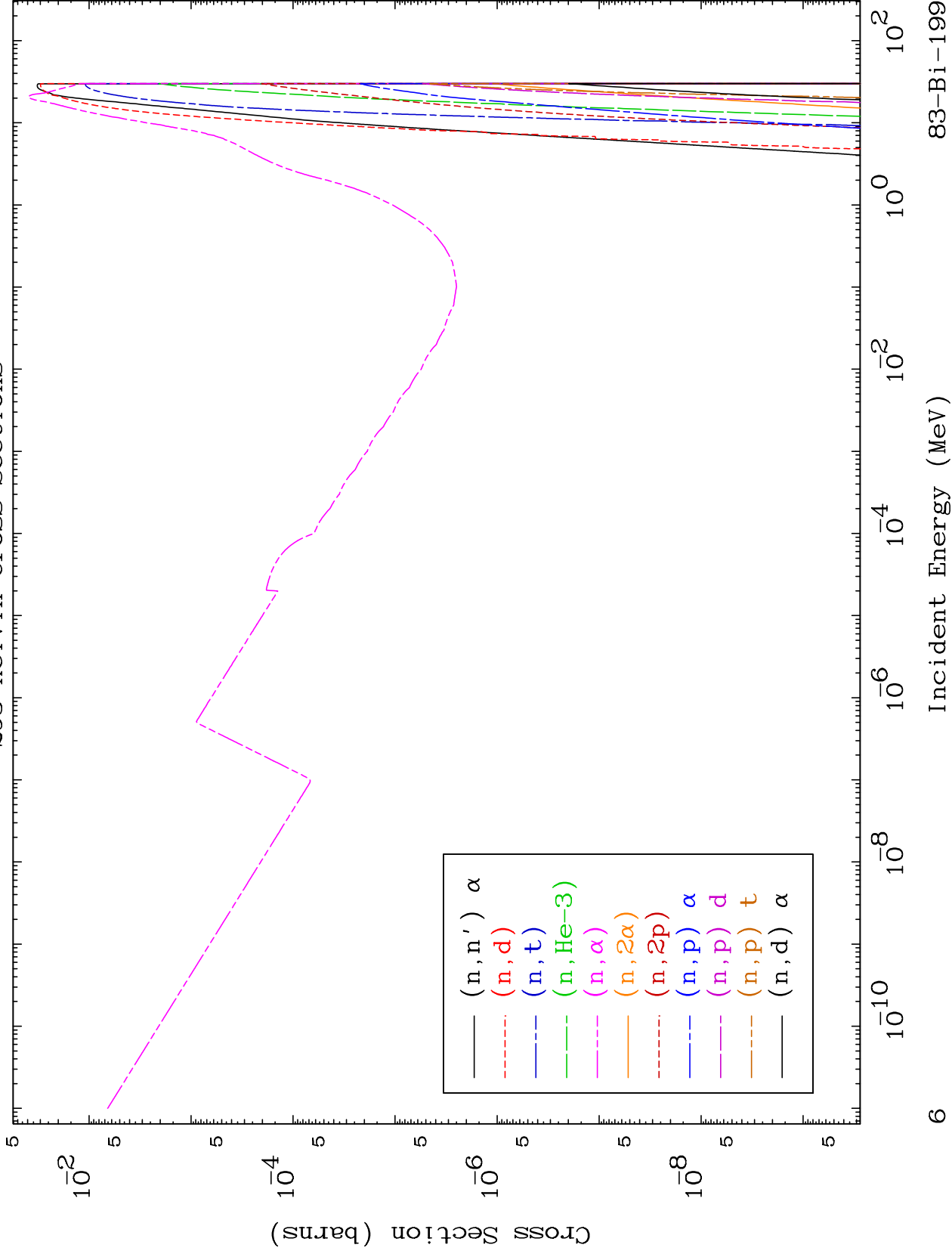
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MAT 8295

Charged Particle
293 Kelvin Cross Sections

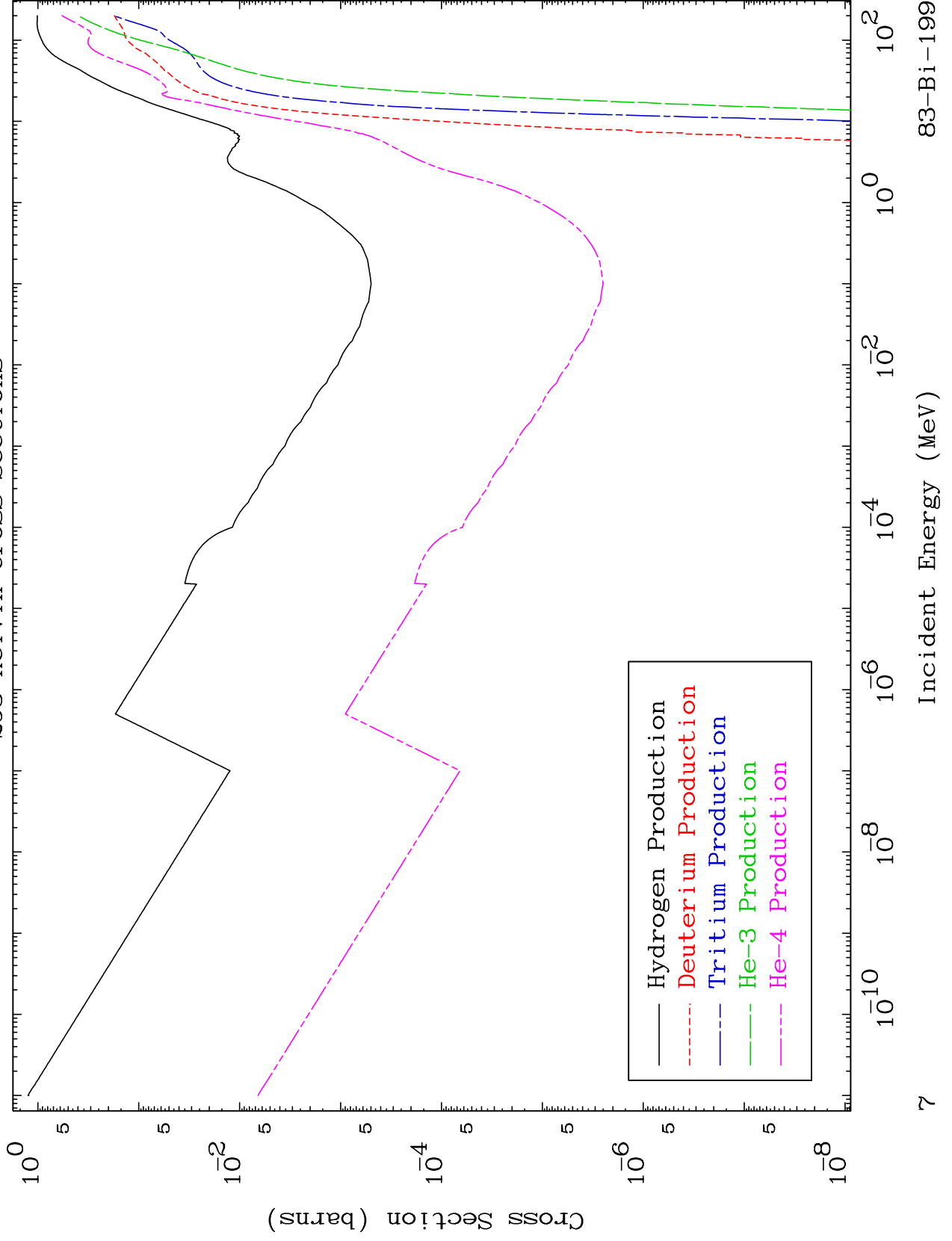
83-Bi-199



MAT 8295

Particle Production
293 Kelvin Cross Sections

83-Bi-199

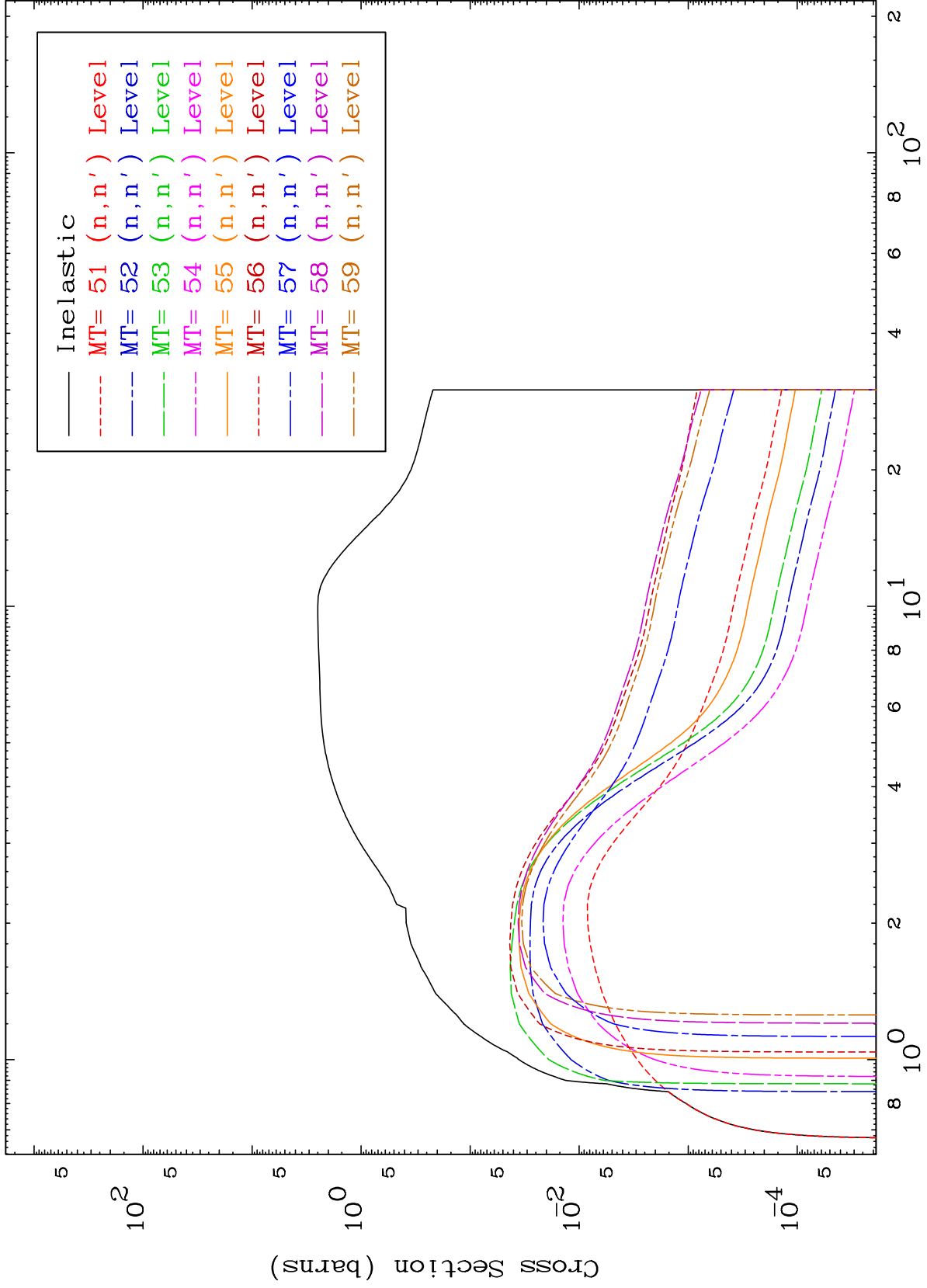


MAT 8295

(n,n') Levels

83-Bi-199

293 Kelvin Cross Sections

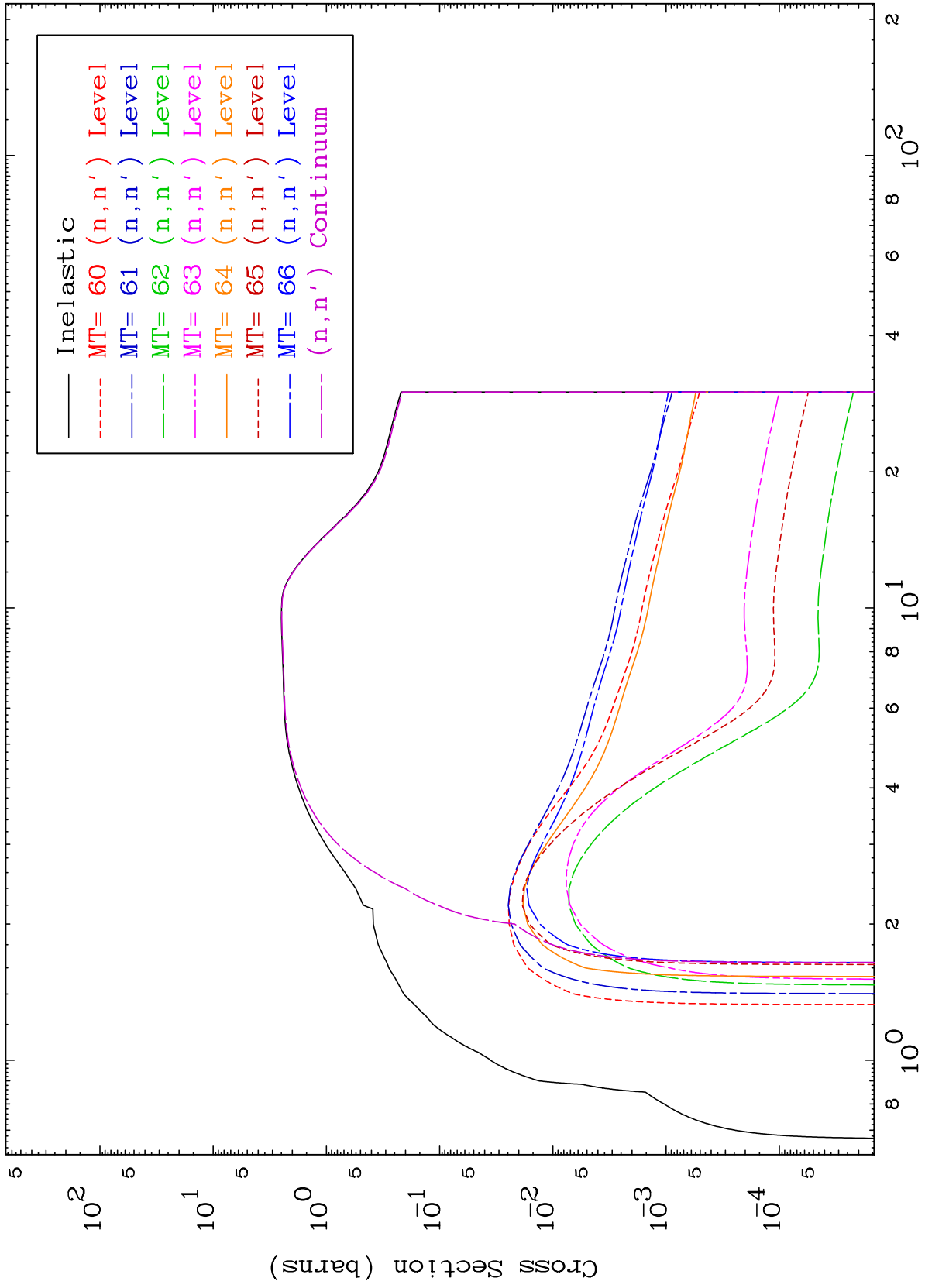


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Incident Energy (MeV)

83-Bi-199

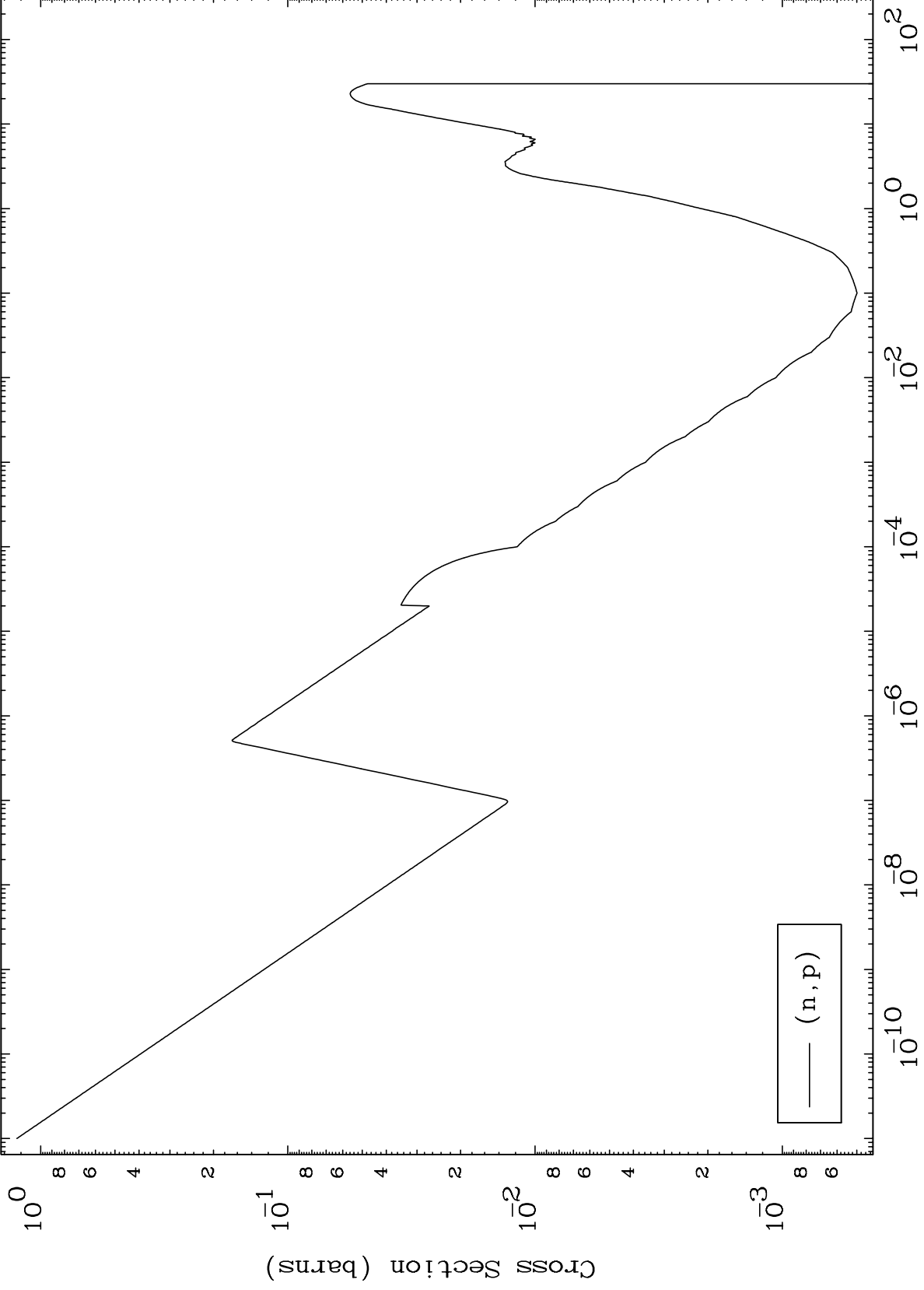
293 Kelvin Cross Sections



MAT 8295

(n,p) Levels
293 Kelvin Cross Sections

83-Bi-199



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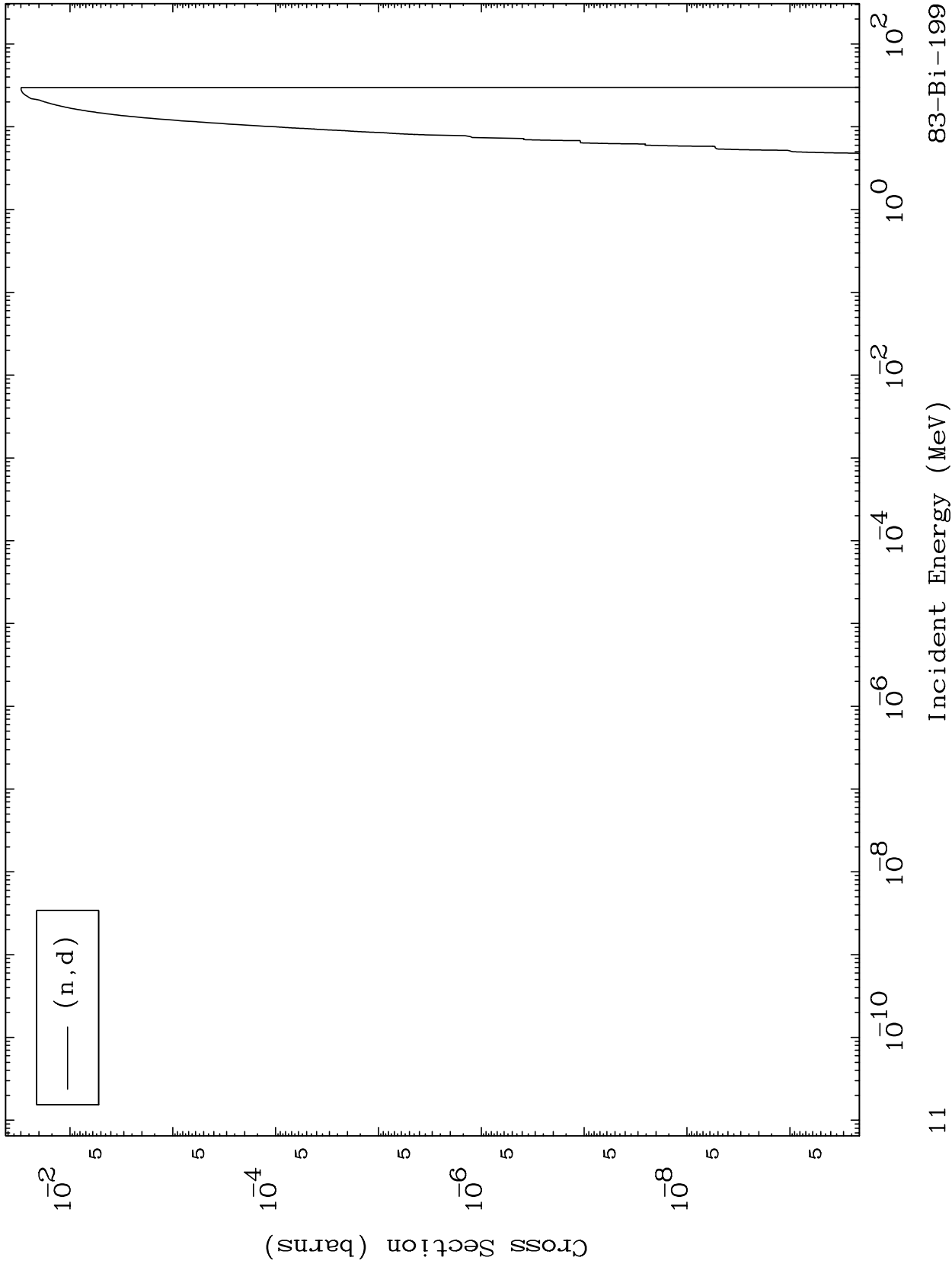
Incident Energy (MeV)

83-Bi-199

MAT 8295

(n,d) Levels
293 Kelvin Cross Sections

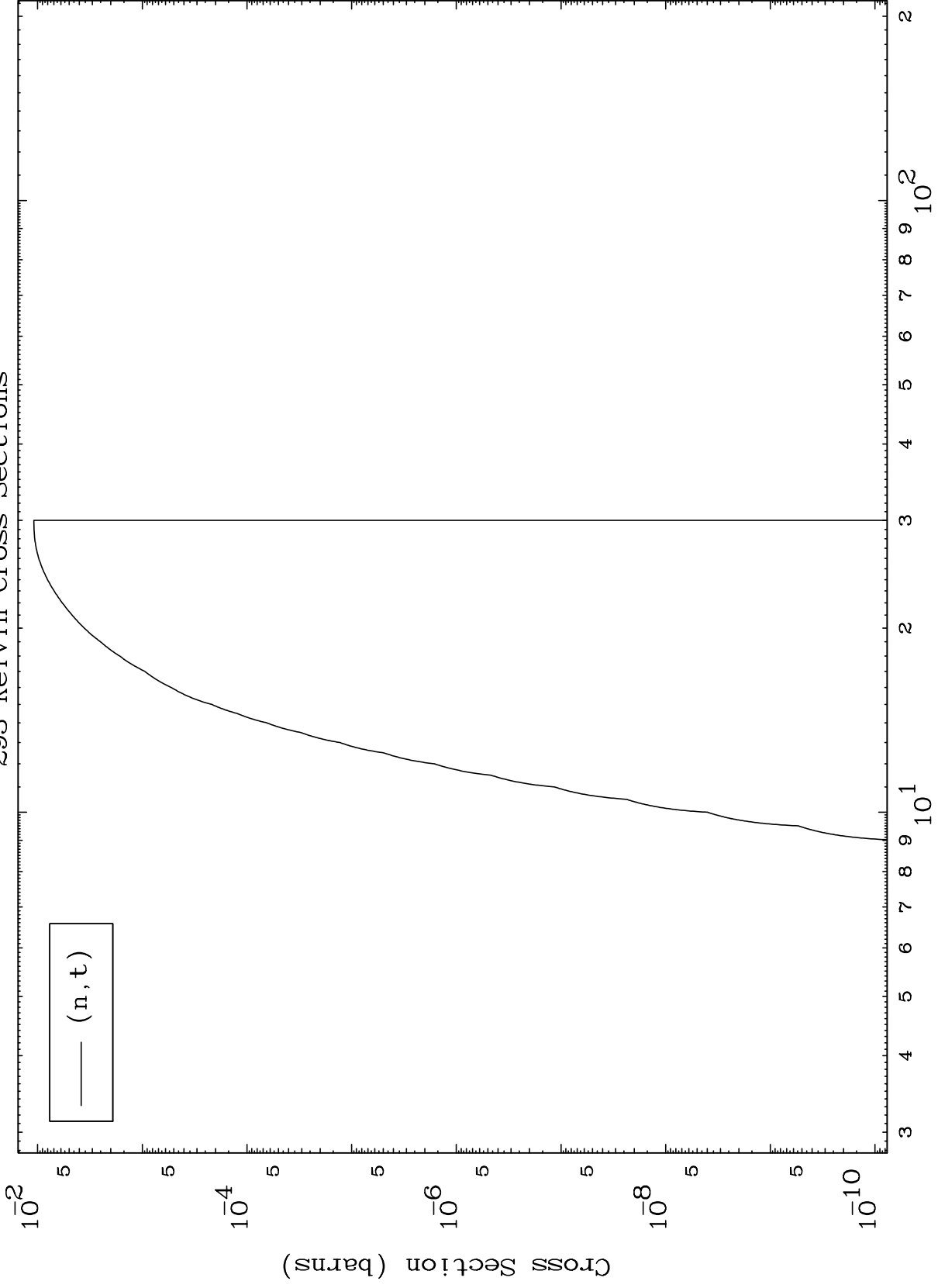
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MAT 8295

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-199



12

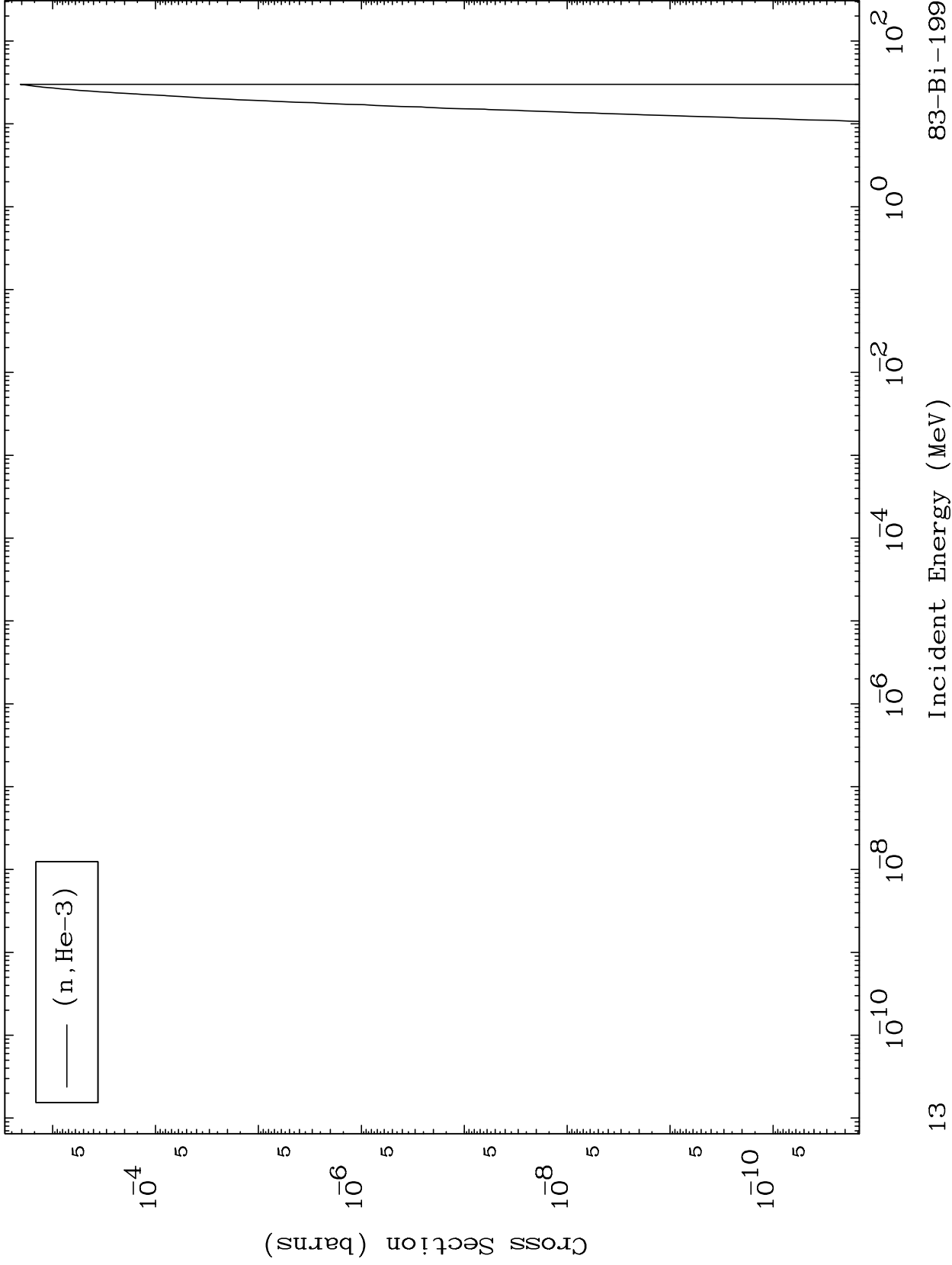
Incident Energy (MeV)

83-Bi-199

MAT 8295

(n,He3) Levels
293 Kelvin Cross Sections

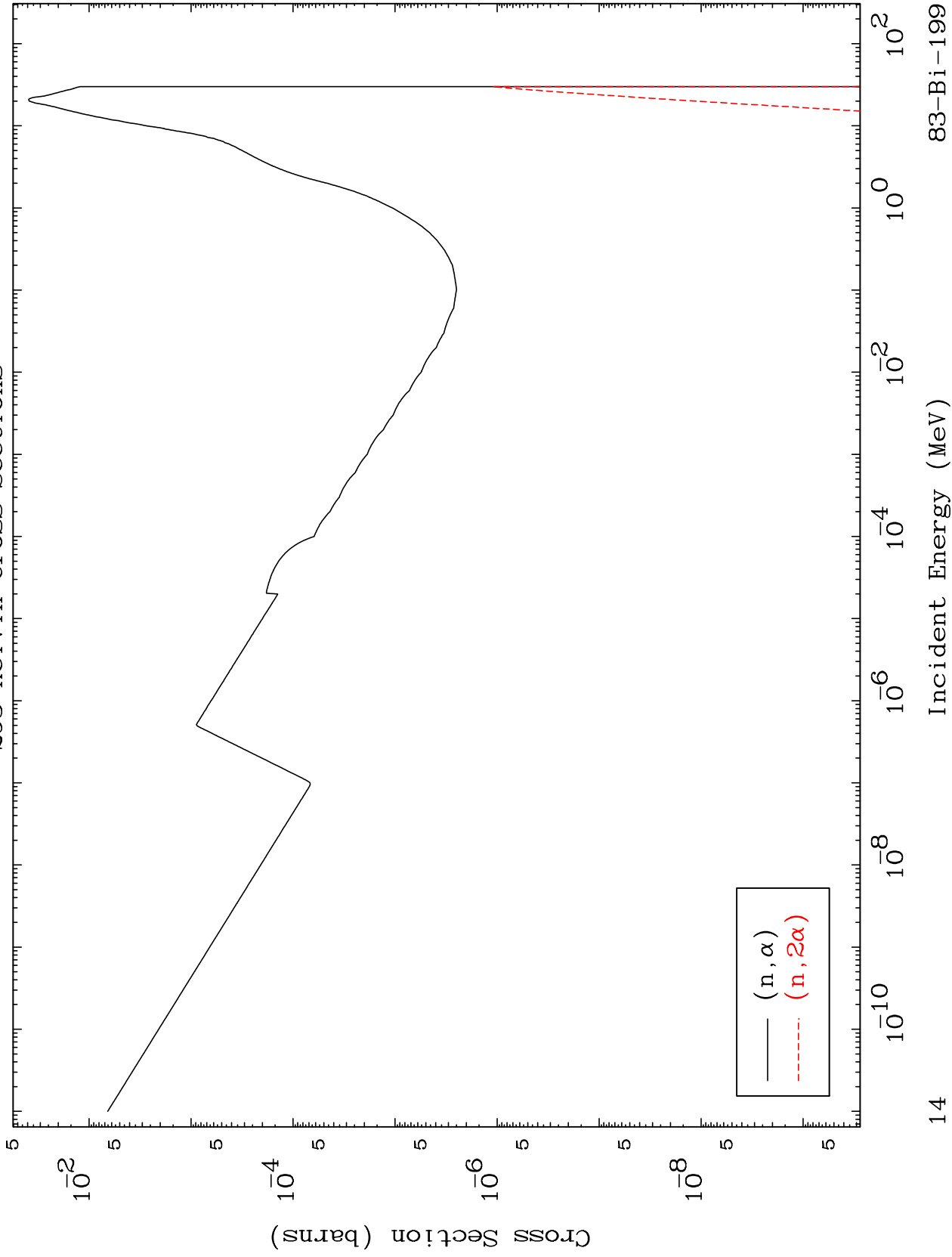
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MAT 8295

(n,α) Levels
293 Kelvin Cross Sections

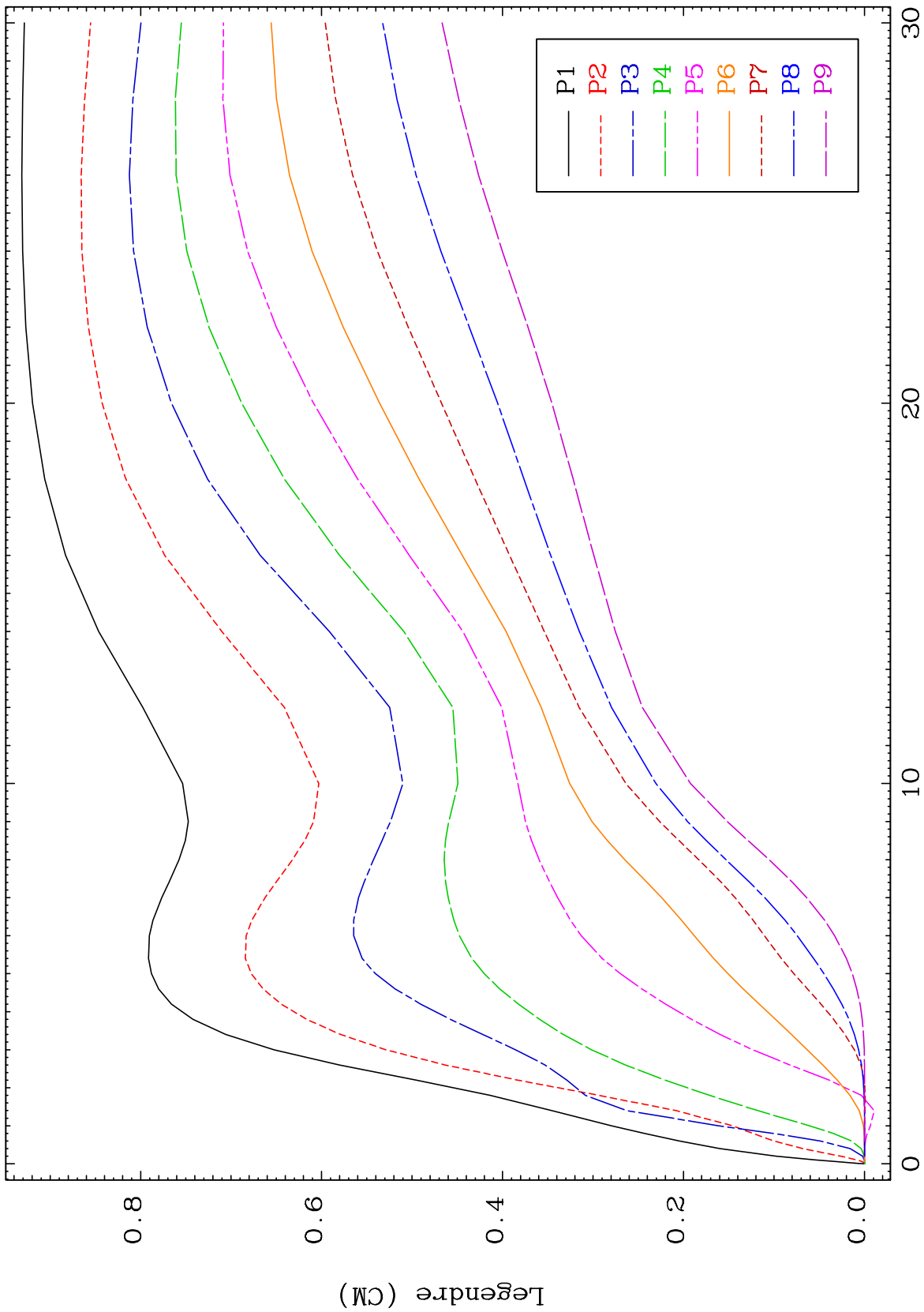
83-Bi-199



MAT 8295

83-Bi-199

Elastic Legendre Coefficients



83-Bi-199

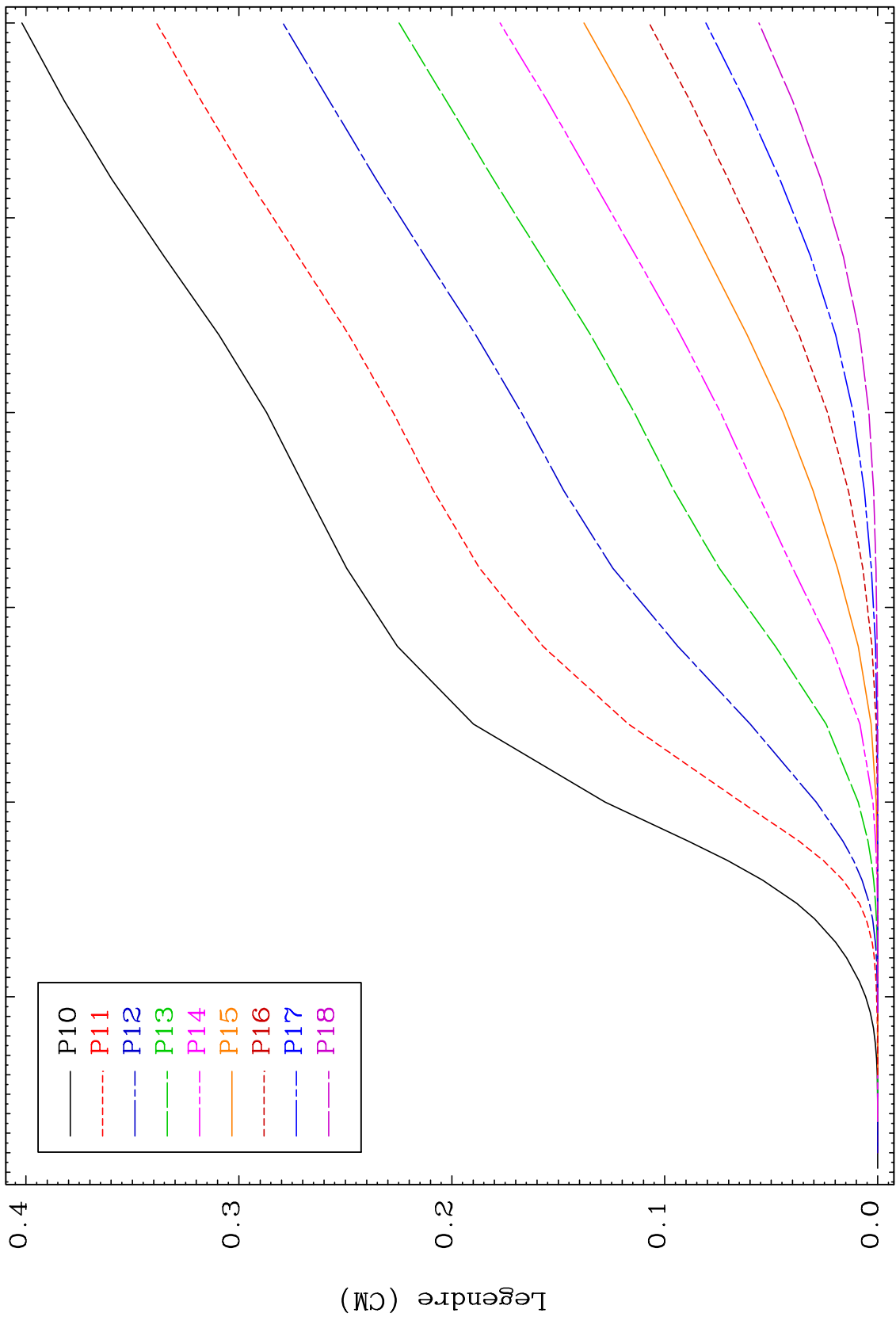
Incident Energy (MeV)

15

MAT 8295

Elastic Legendre Coefficients

83-Bi-199



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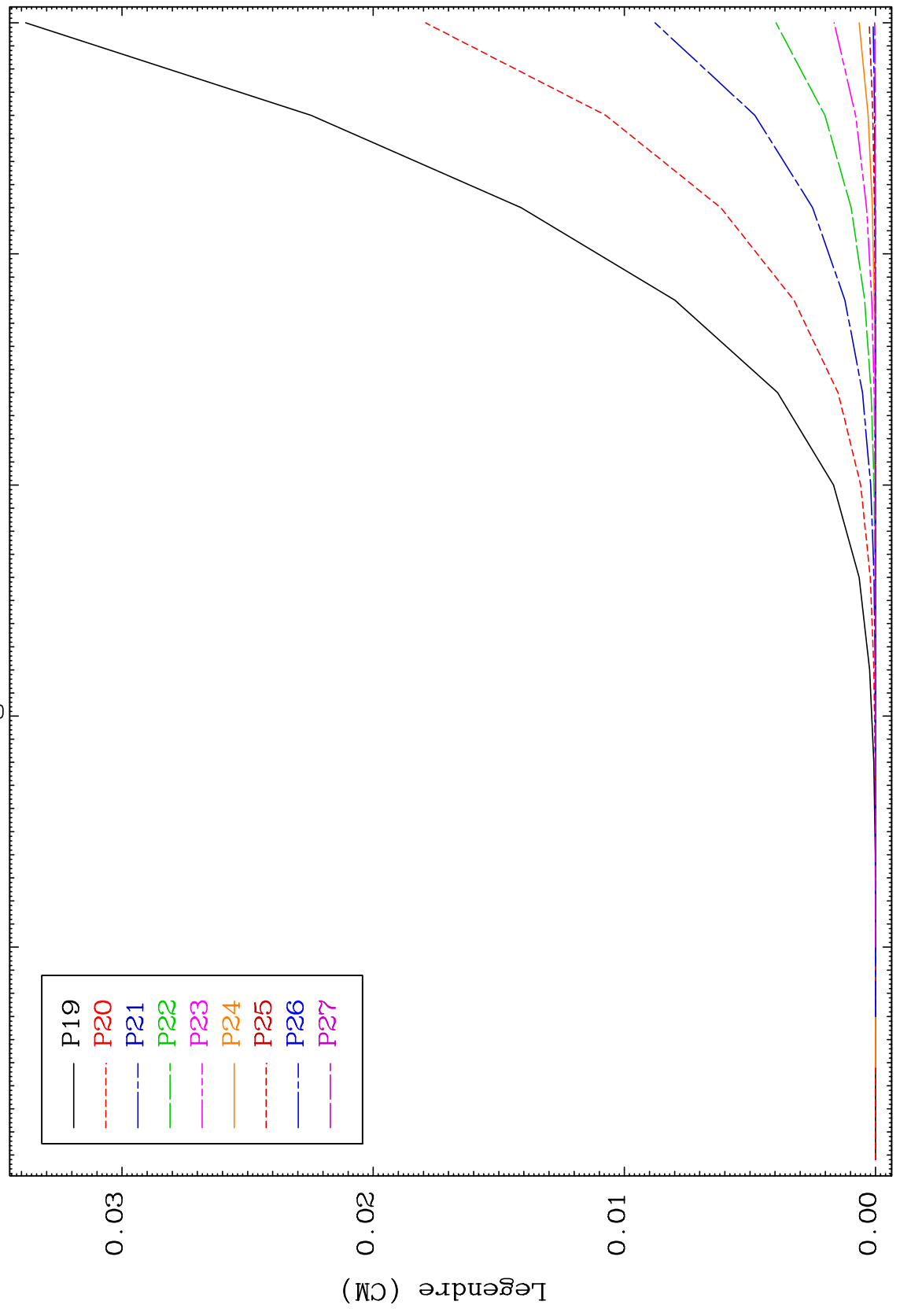
Incident Energy (MeV)

83-Bi-199

MAT 8295

Elastic Legendre Coefficients

83-Bi-199



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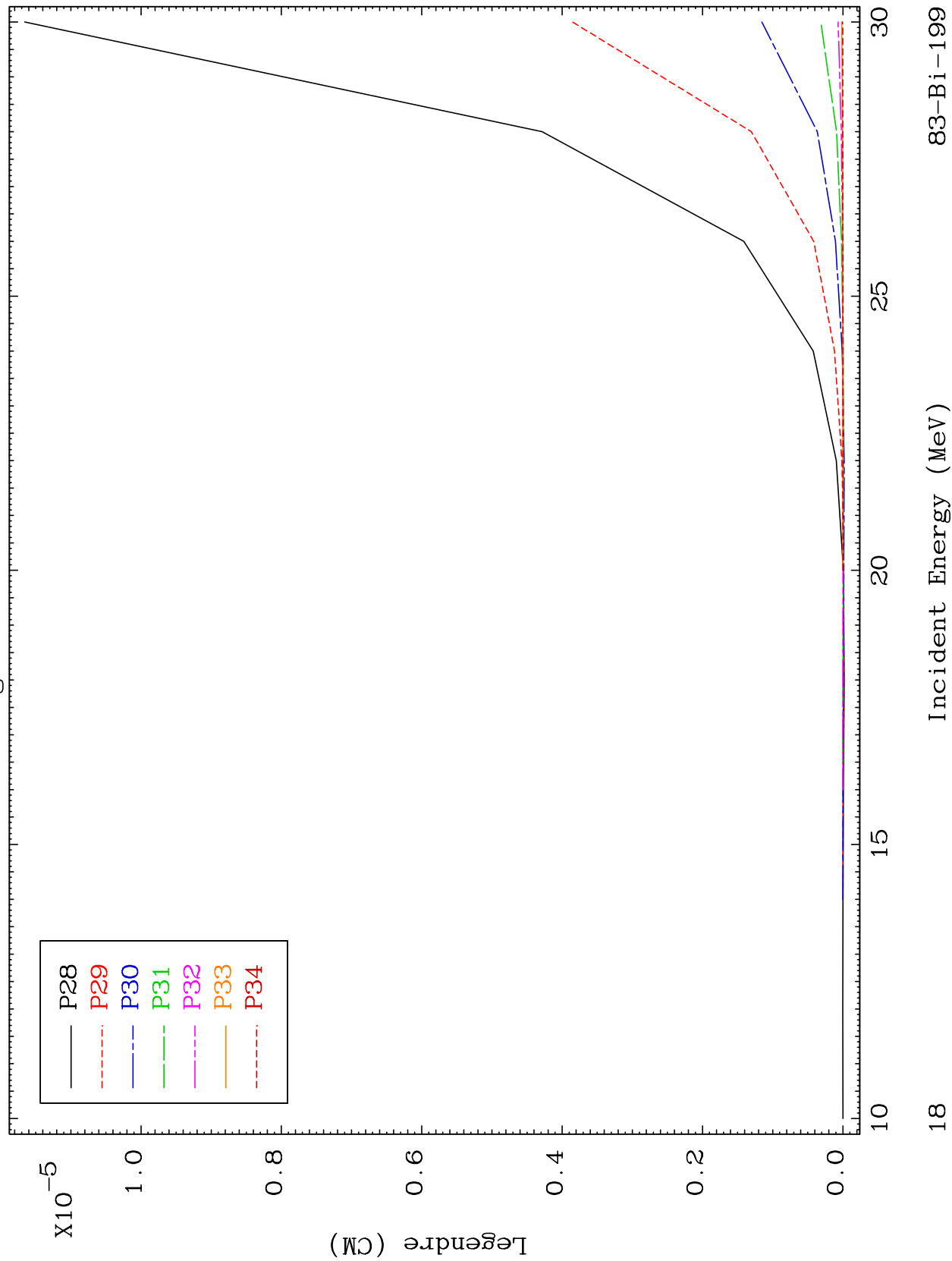
Incident Energy (MeV)

83-Bi-199

MAT 8295

Elastic Legendre Coefficients

83-Bi-199



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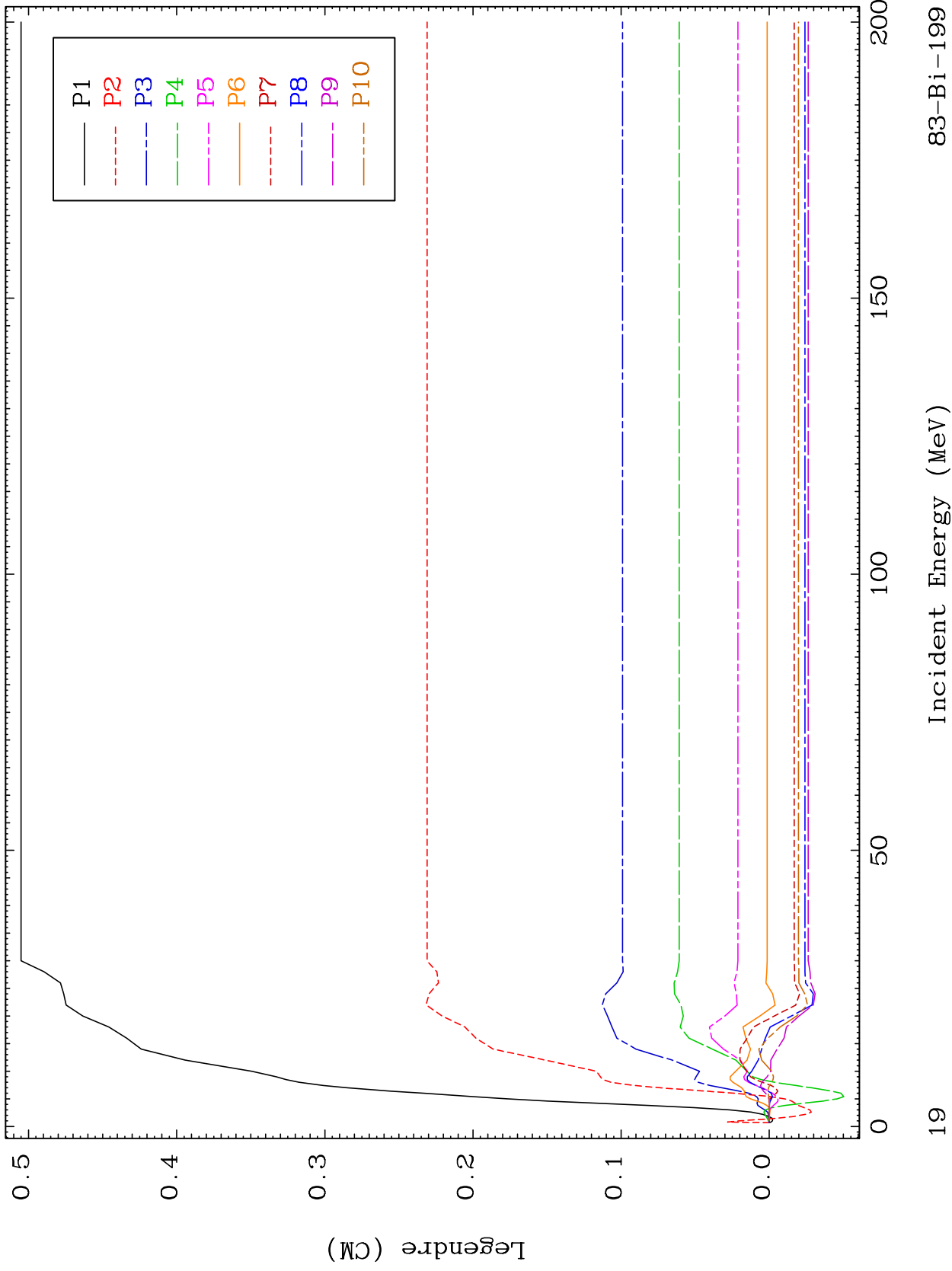
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

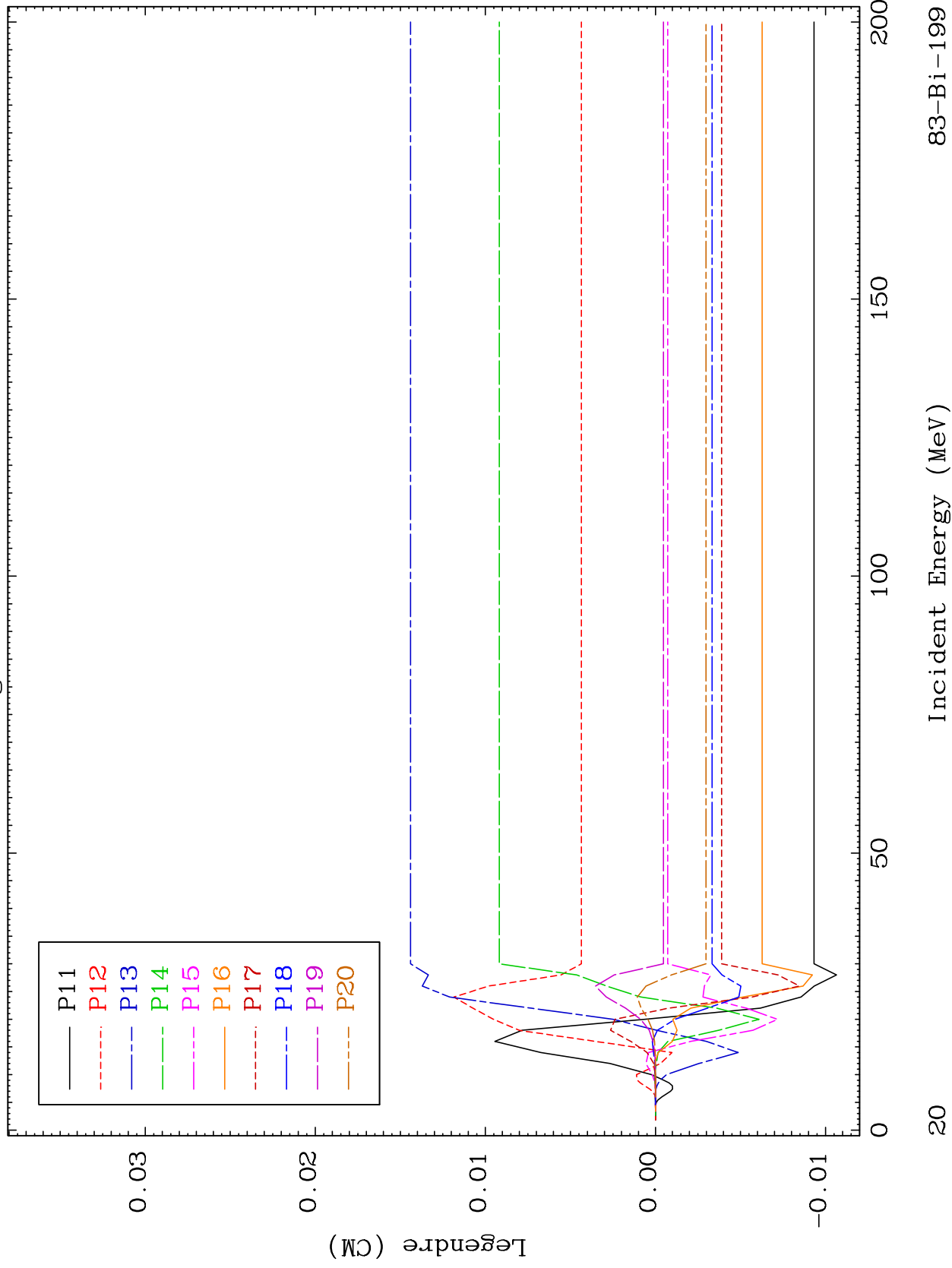
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MAT 8295

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

83-Bi-199



83-Bi-199

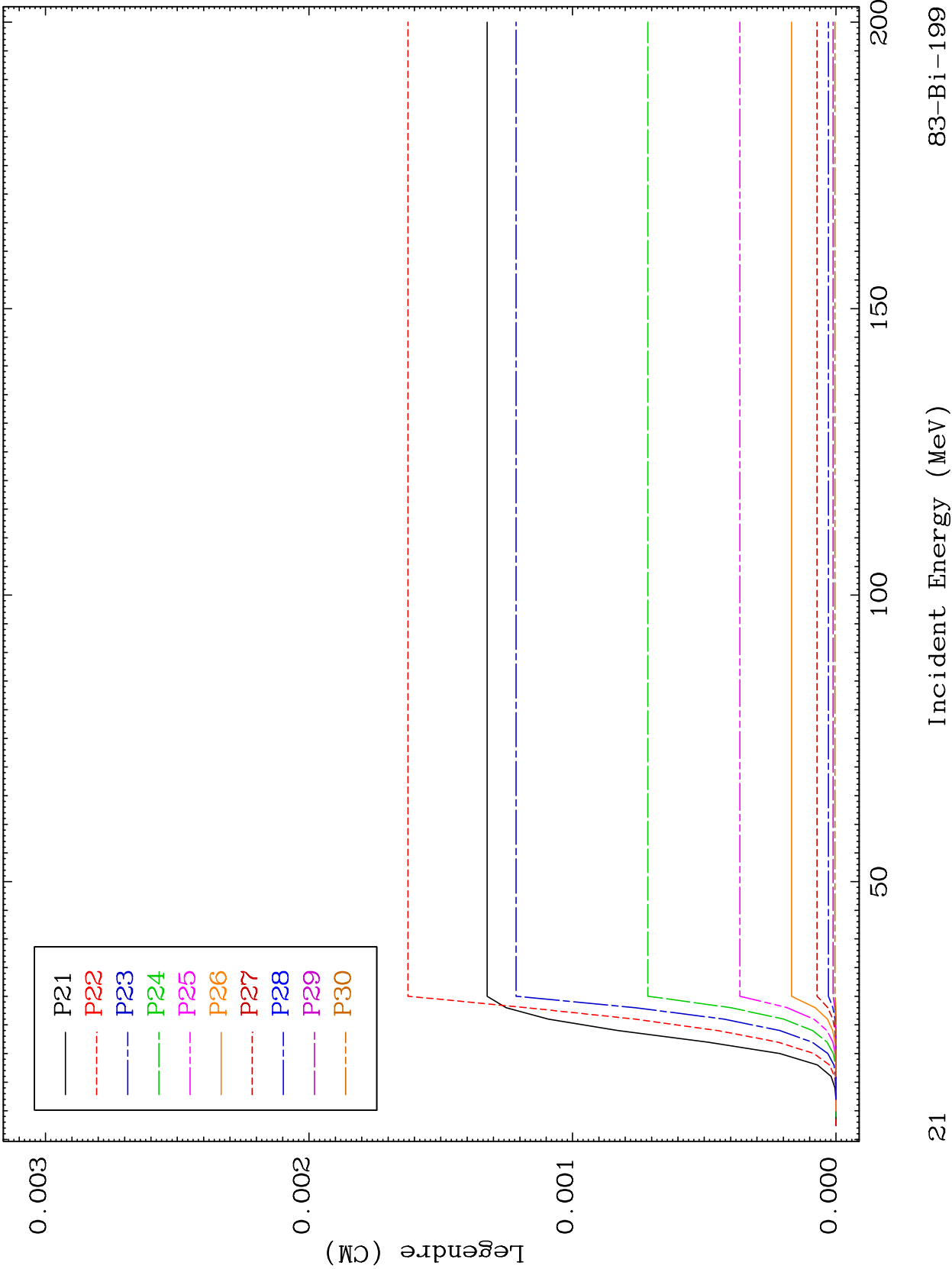
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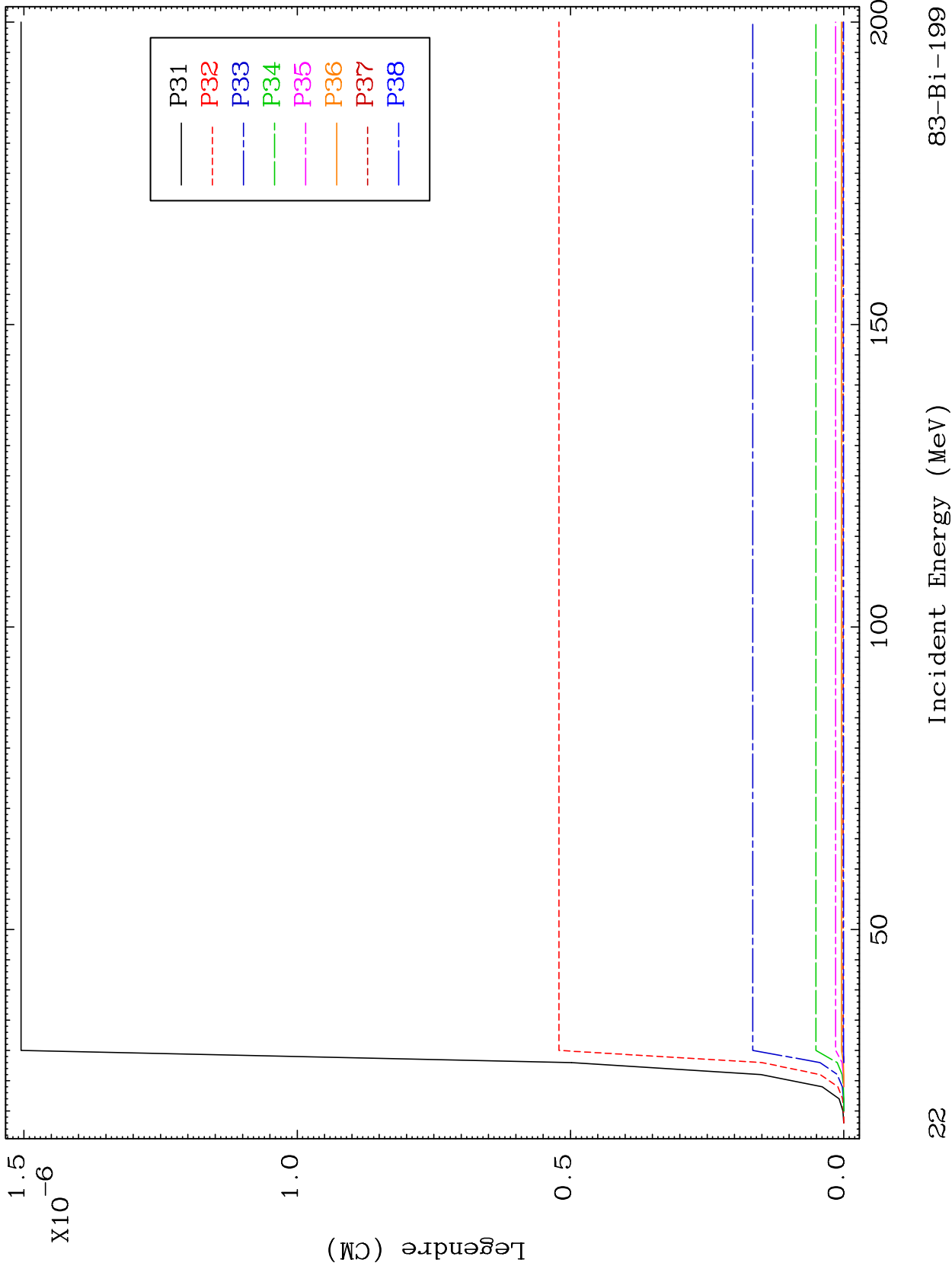
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MAT 8295

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

83-Bi-199

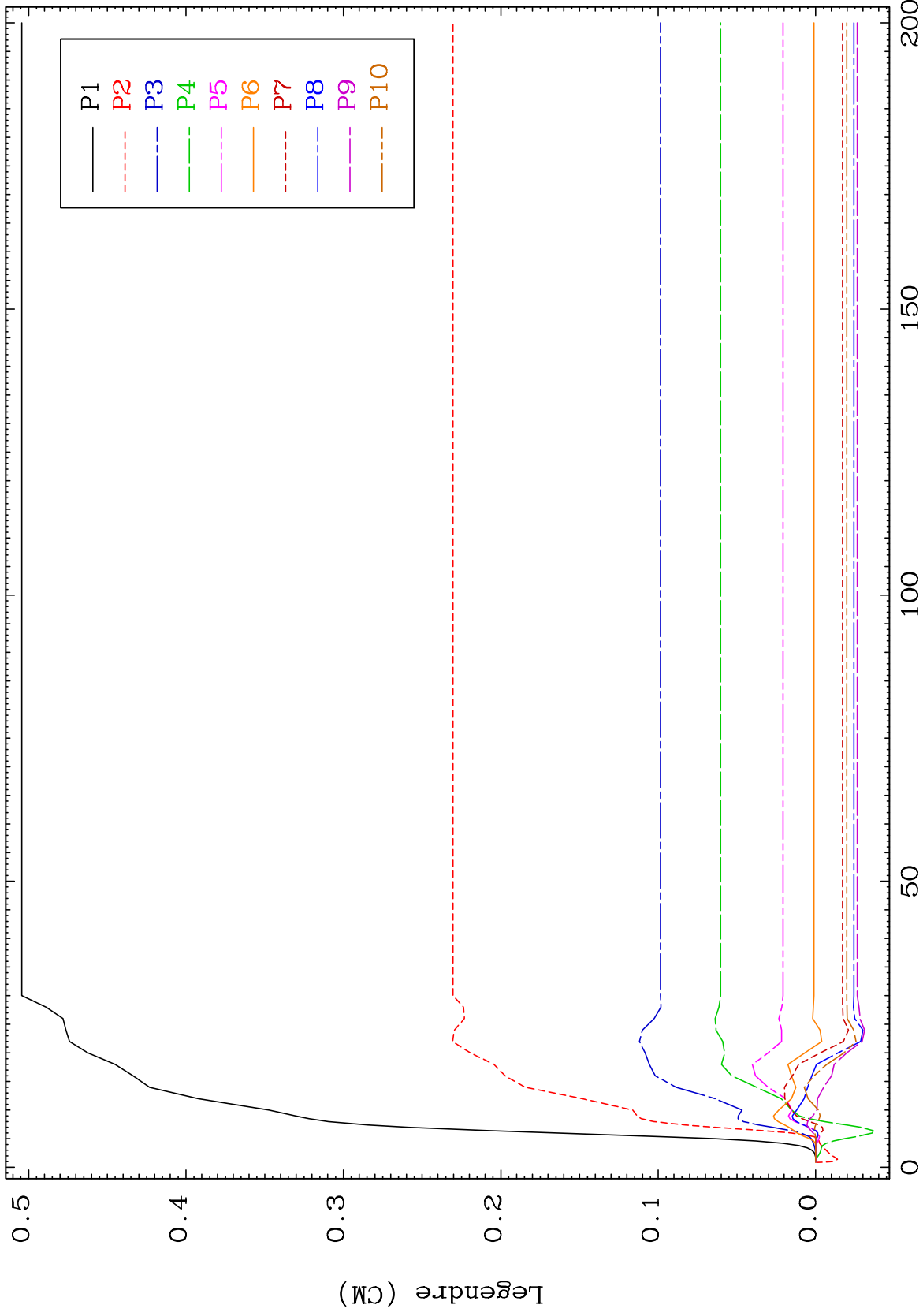




MAT 8295

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

83-Bi-199



23

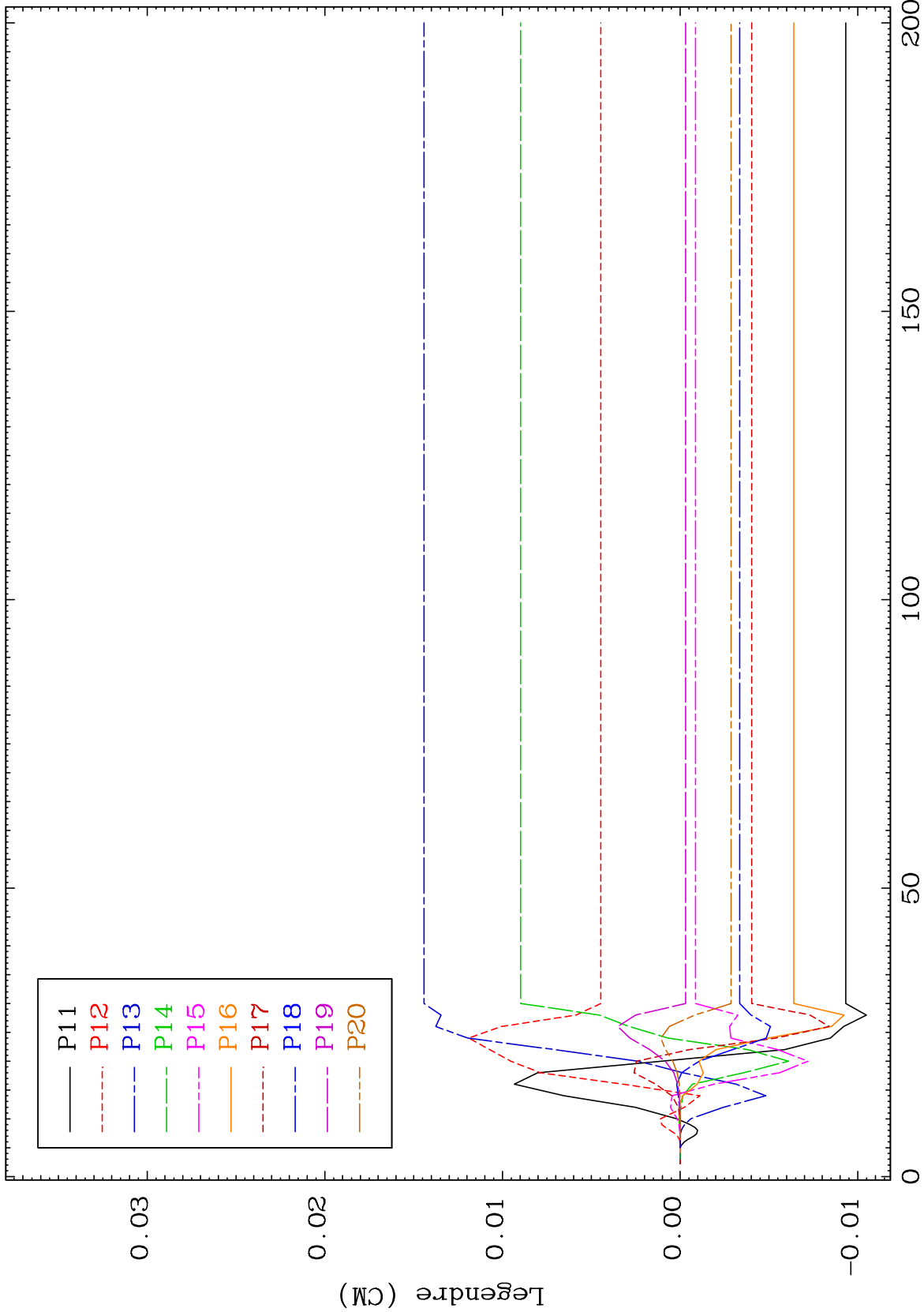
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



24

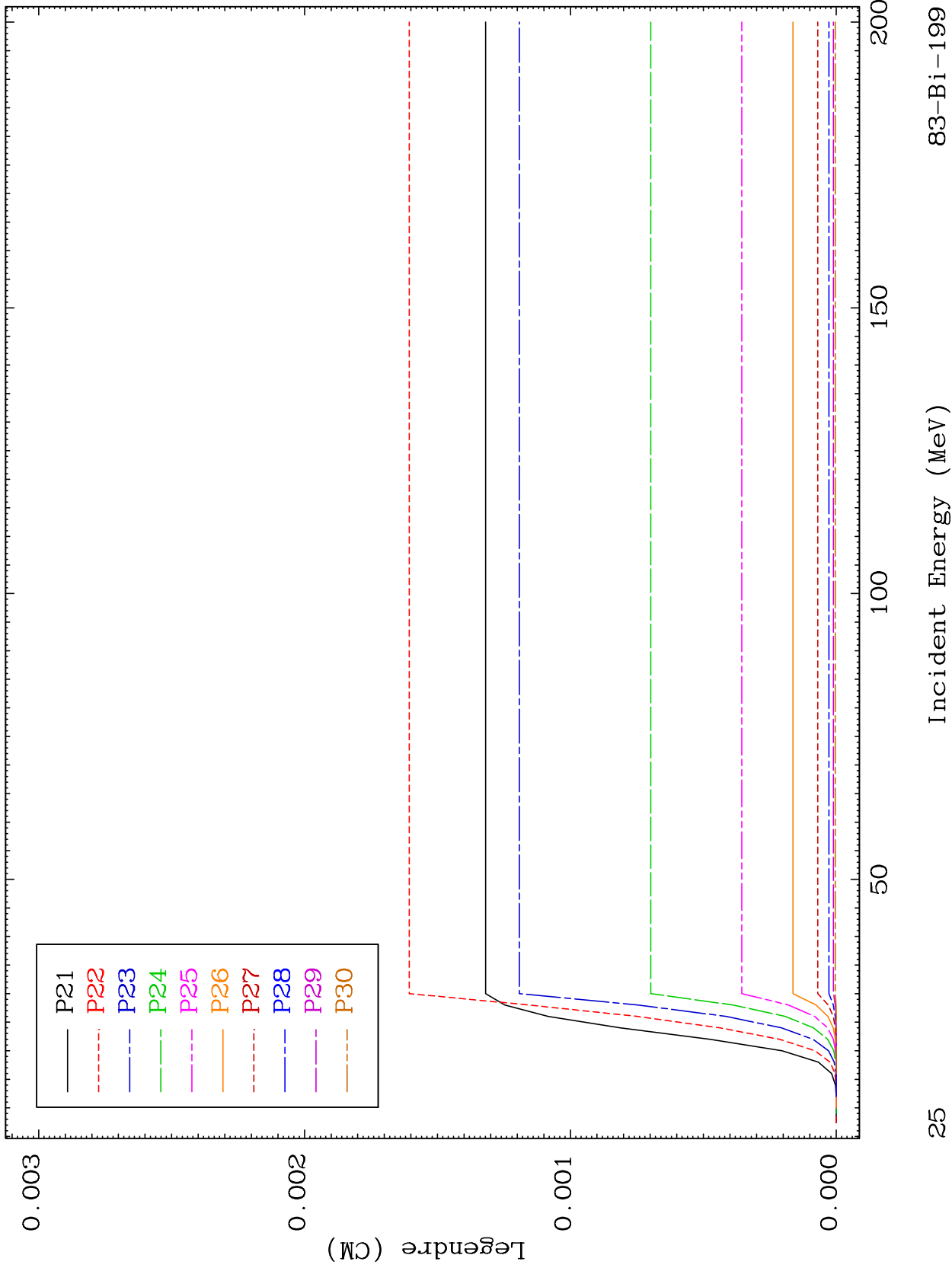
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



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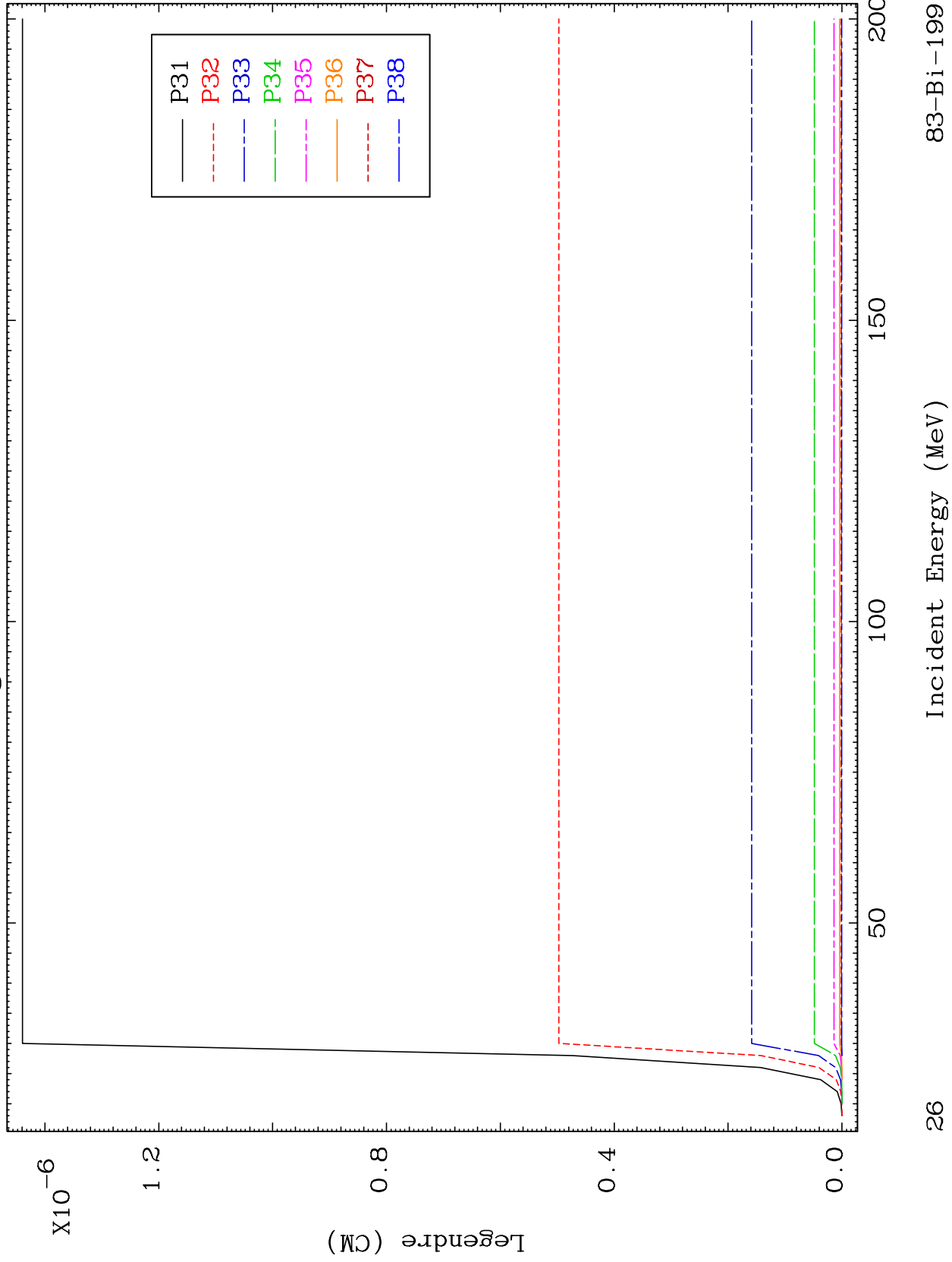
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199

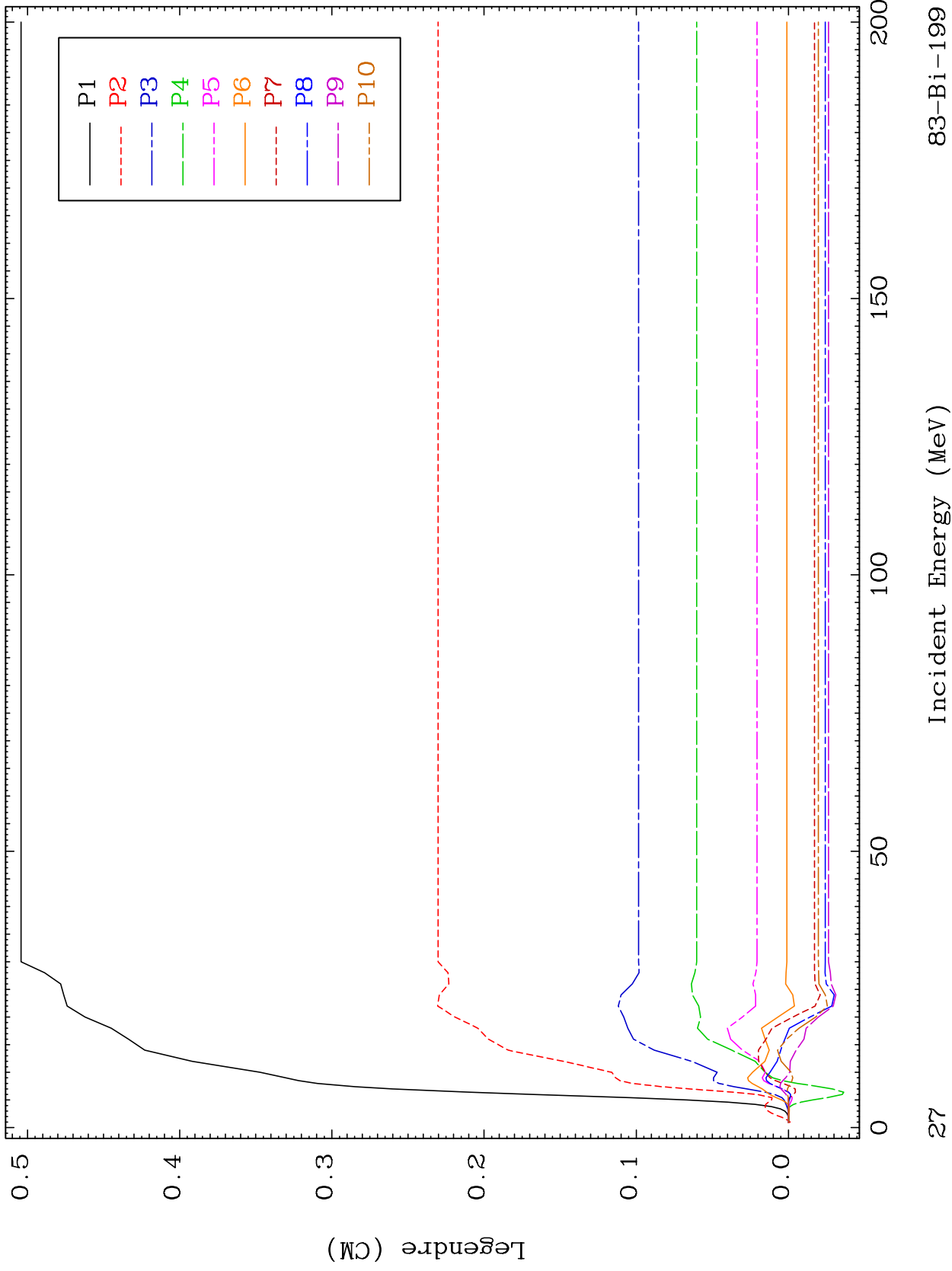


26

MAT 8295

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

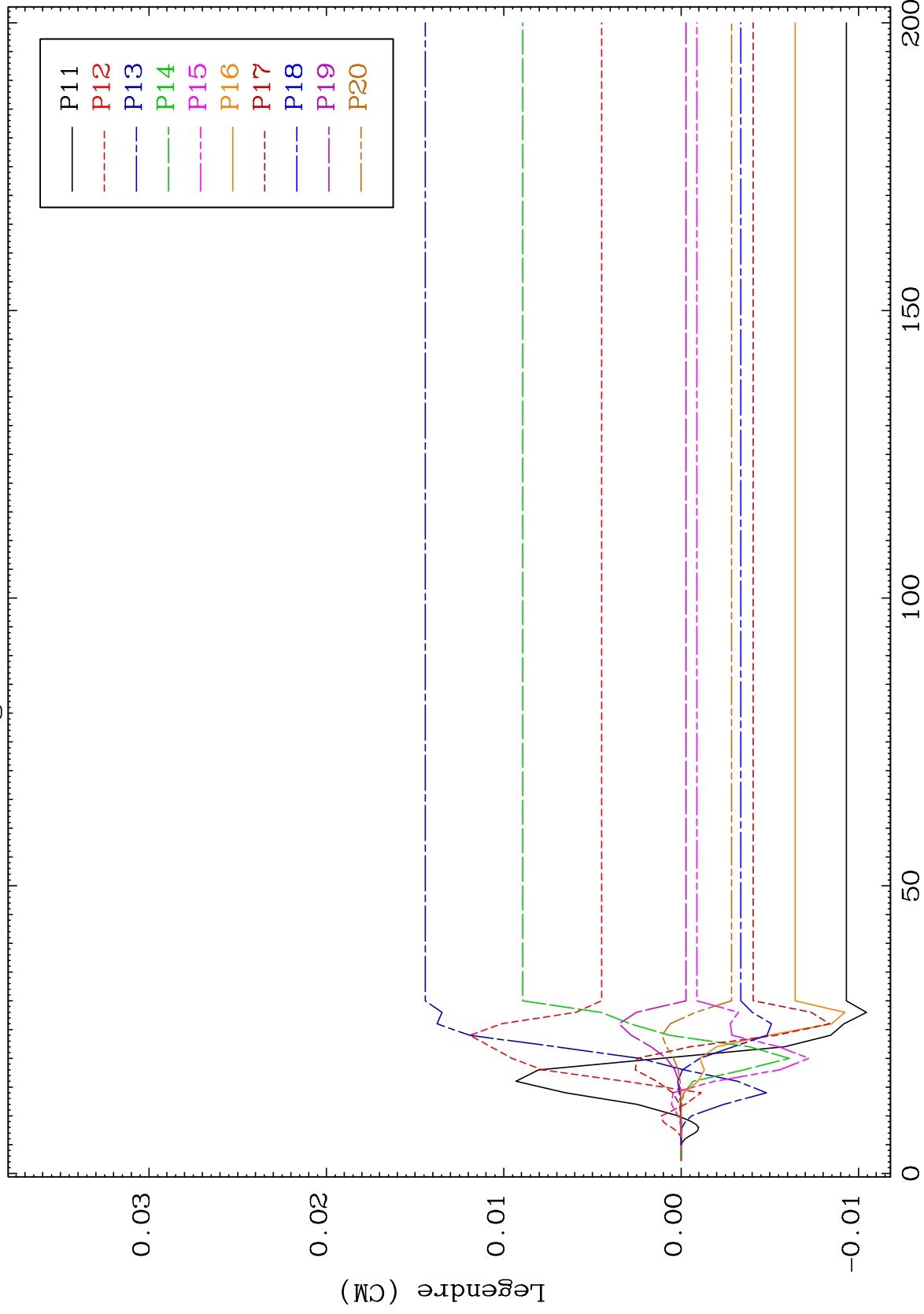
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MAT 8295

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

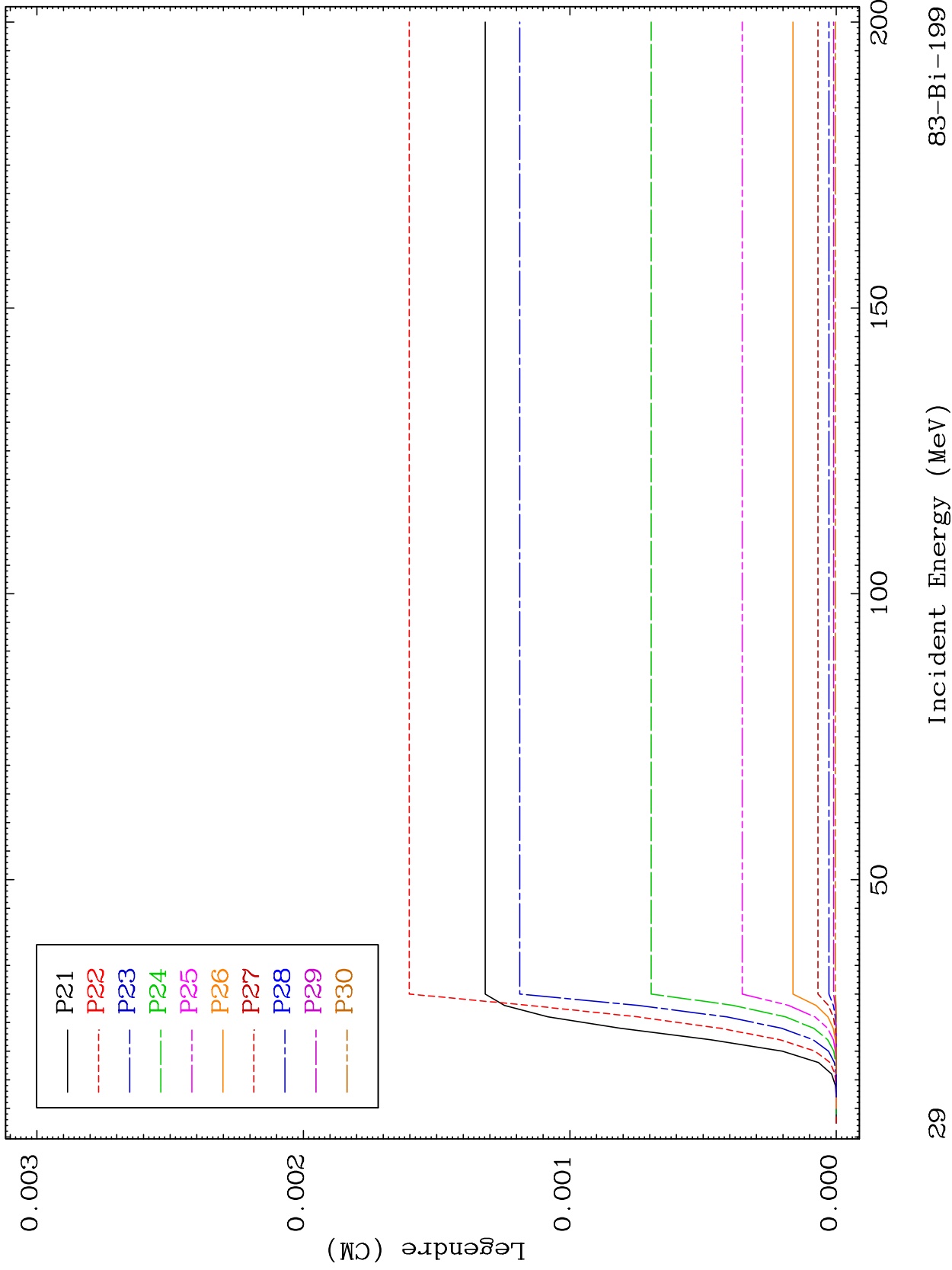
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Incident Energy (MeV)

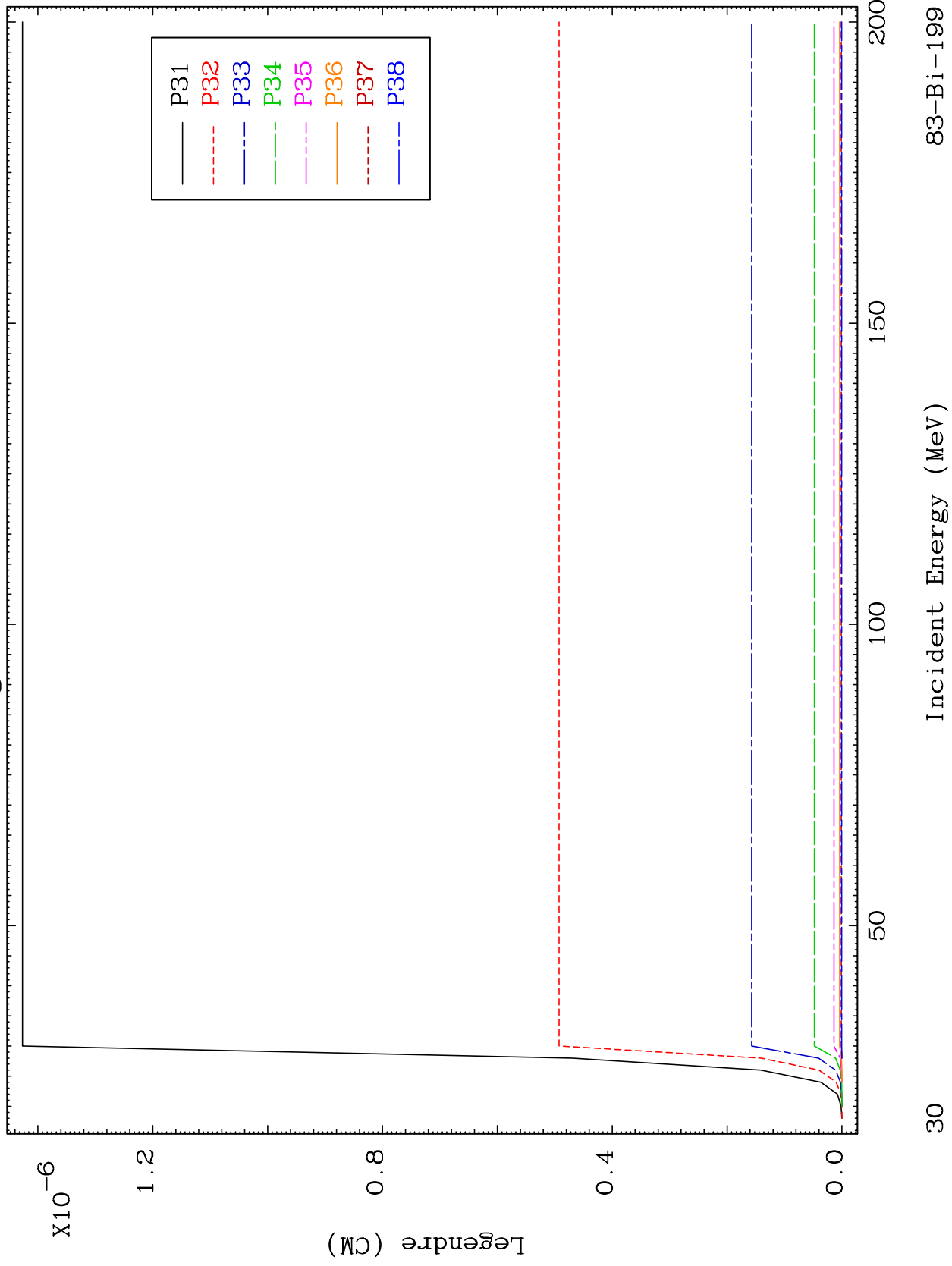
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MAT 8295

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

83-Bi-199

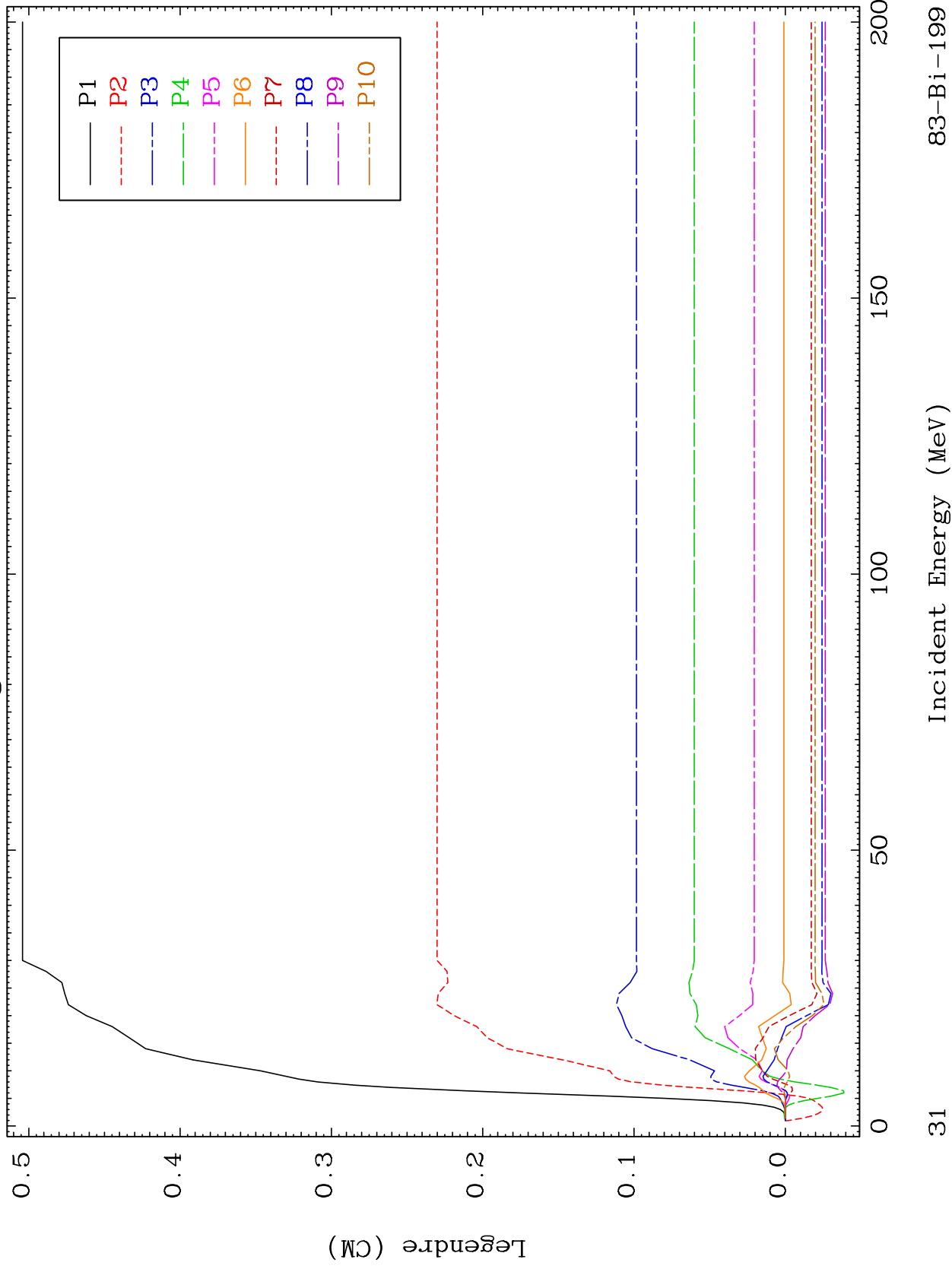


MAT 8295

MT= 54 (n,n') Level

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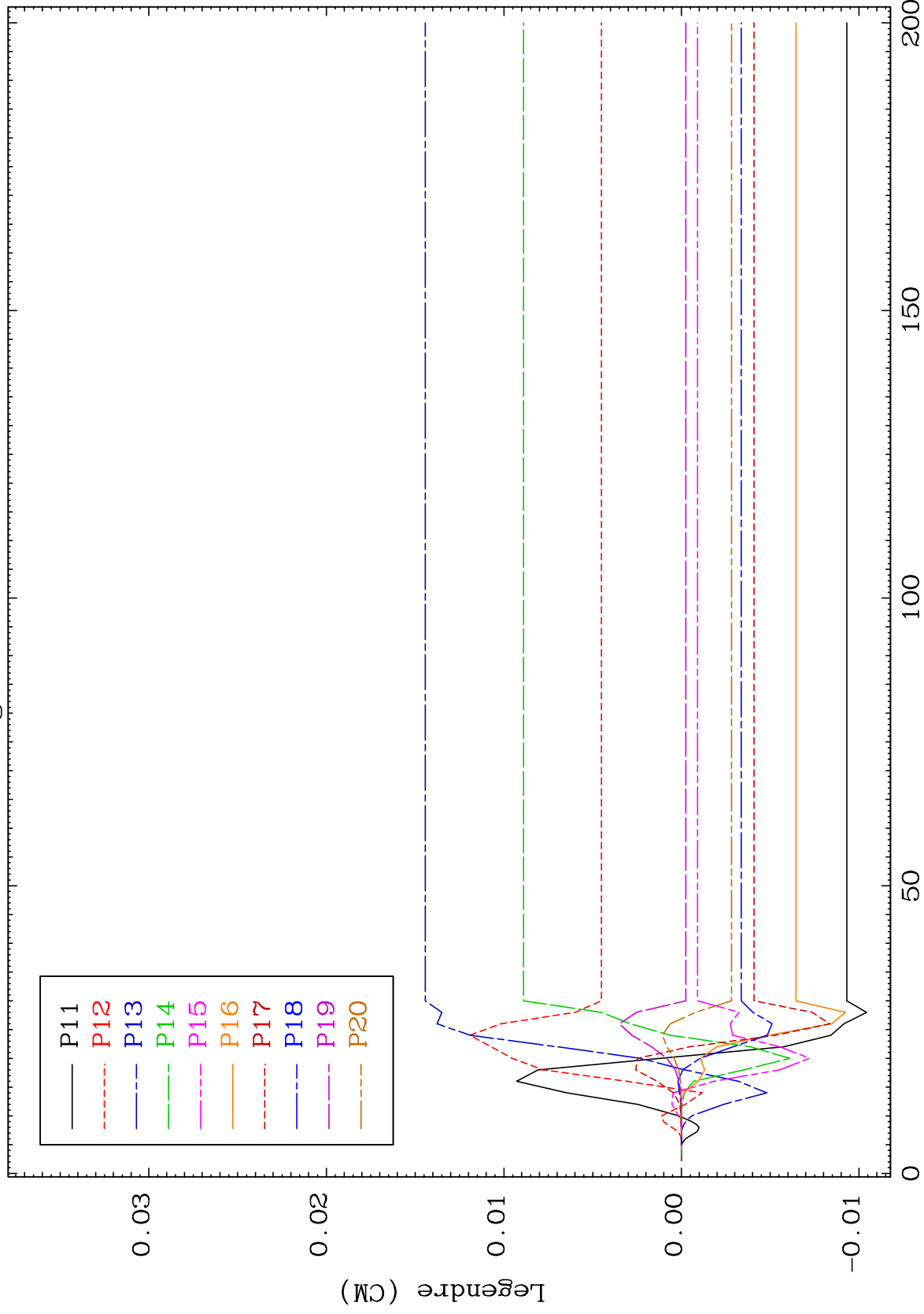
Legendre Coefficients



MAT 8295

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

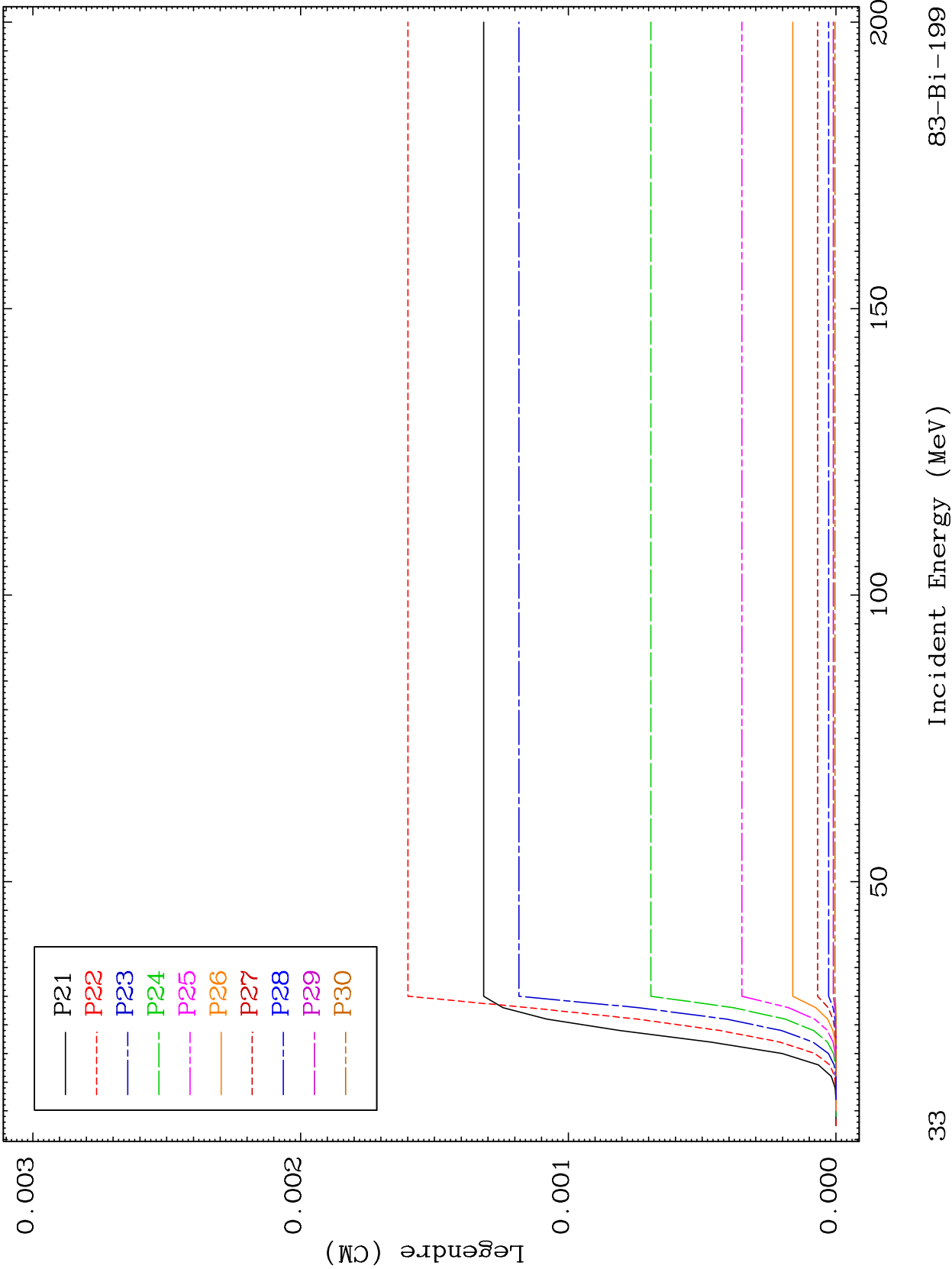
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Incident Energy (MeV)

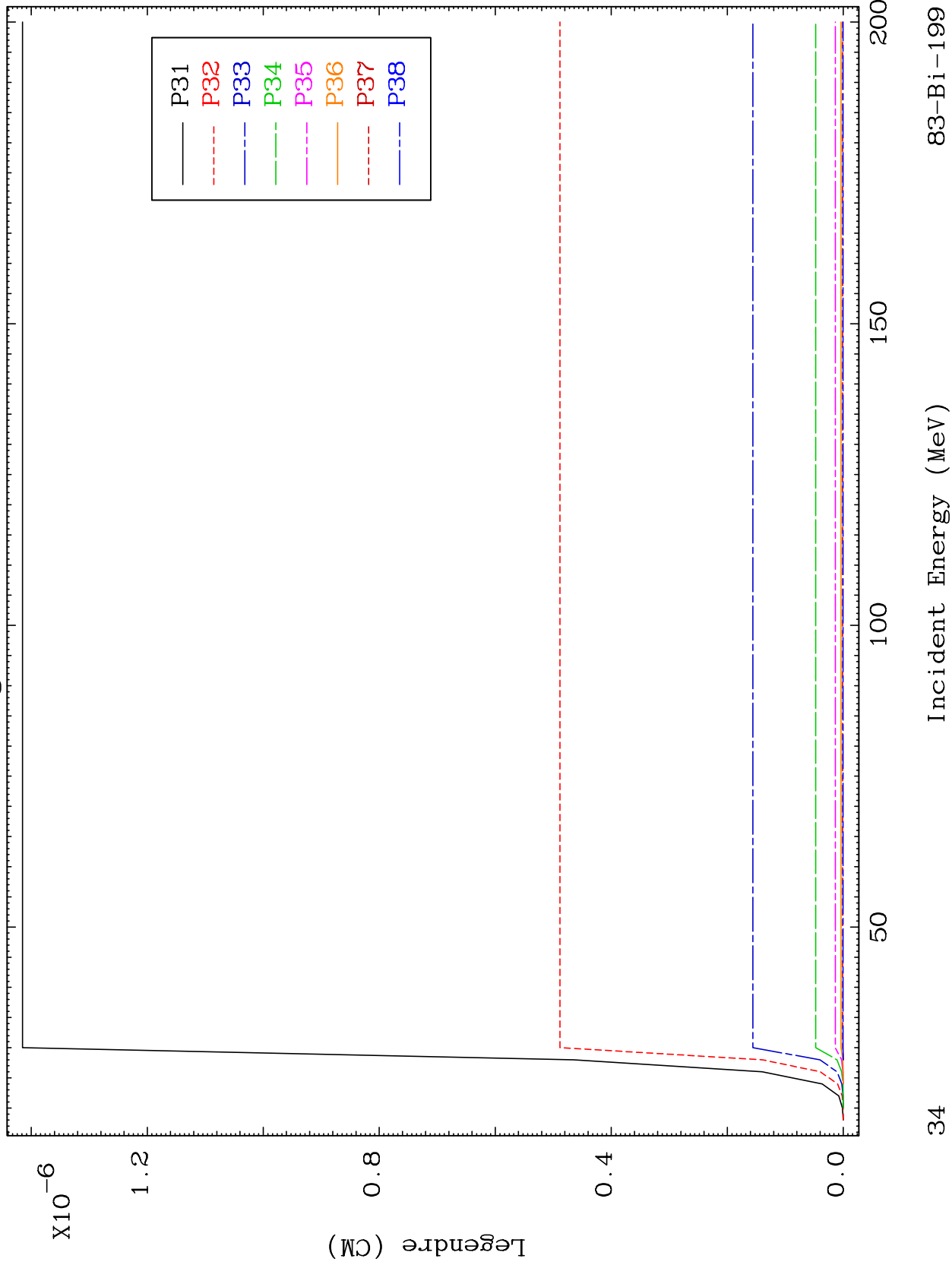
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MAT 8295

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

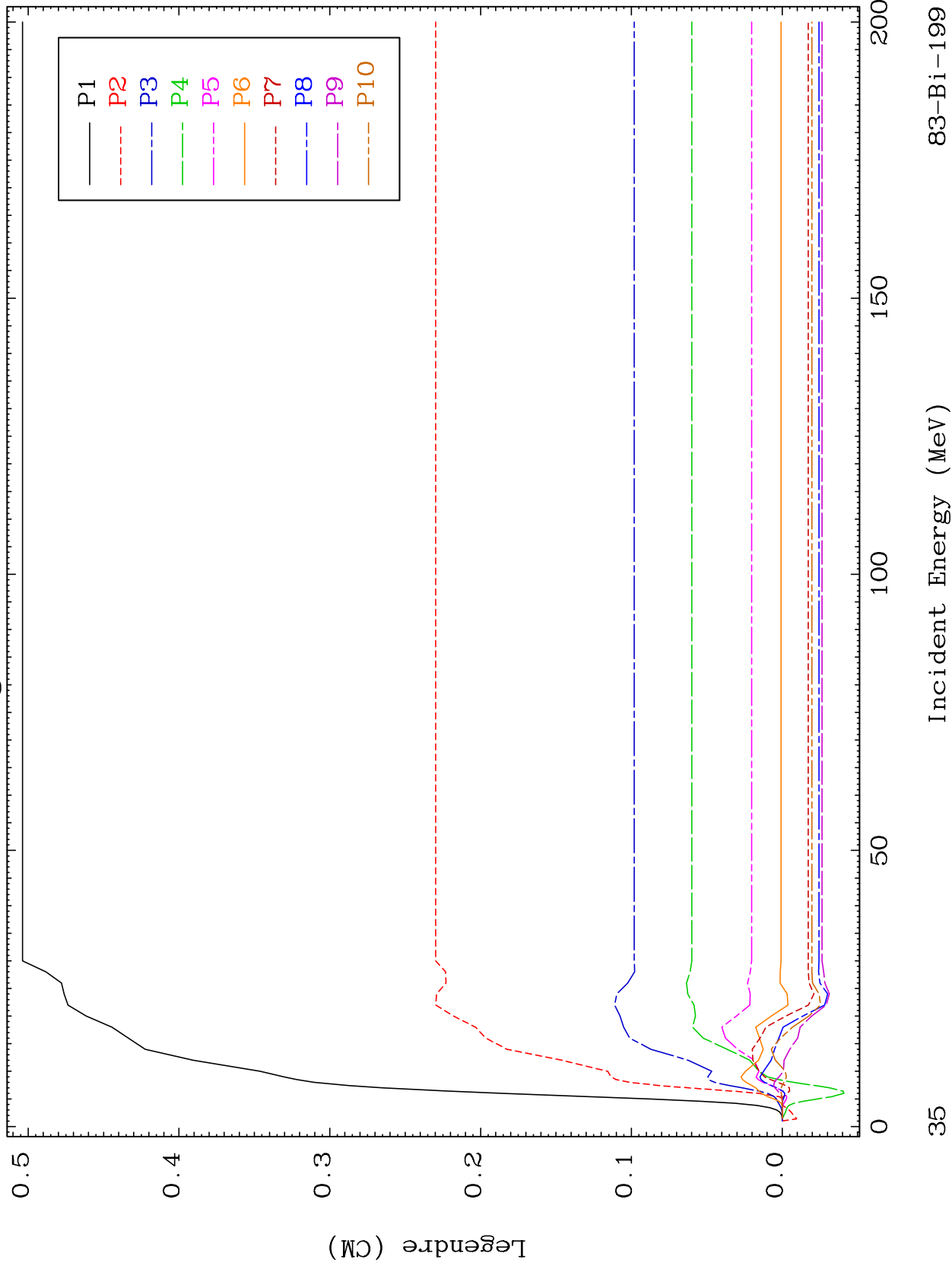
83-Bi-199



MAT 8295

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

83-Bi-199

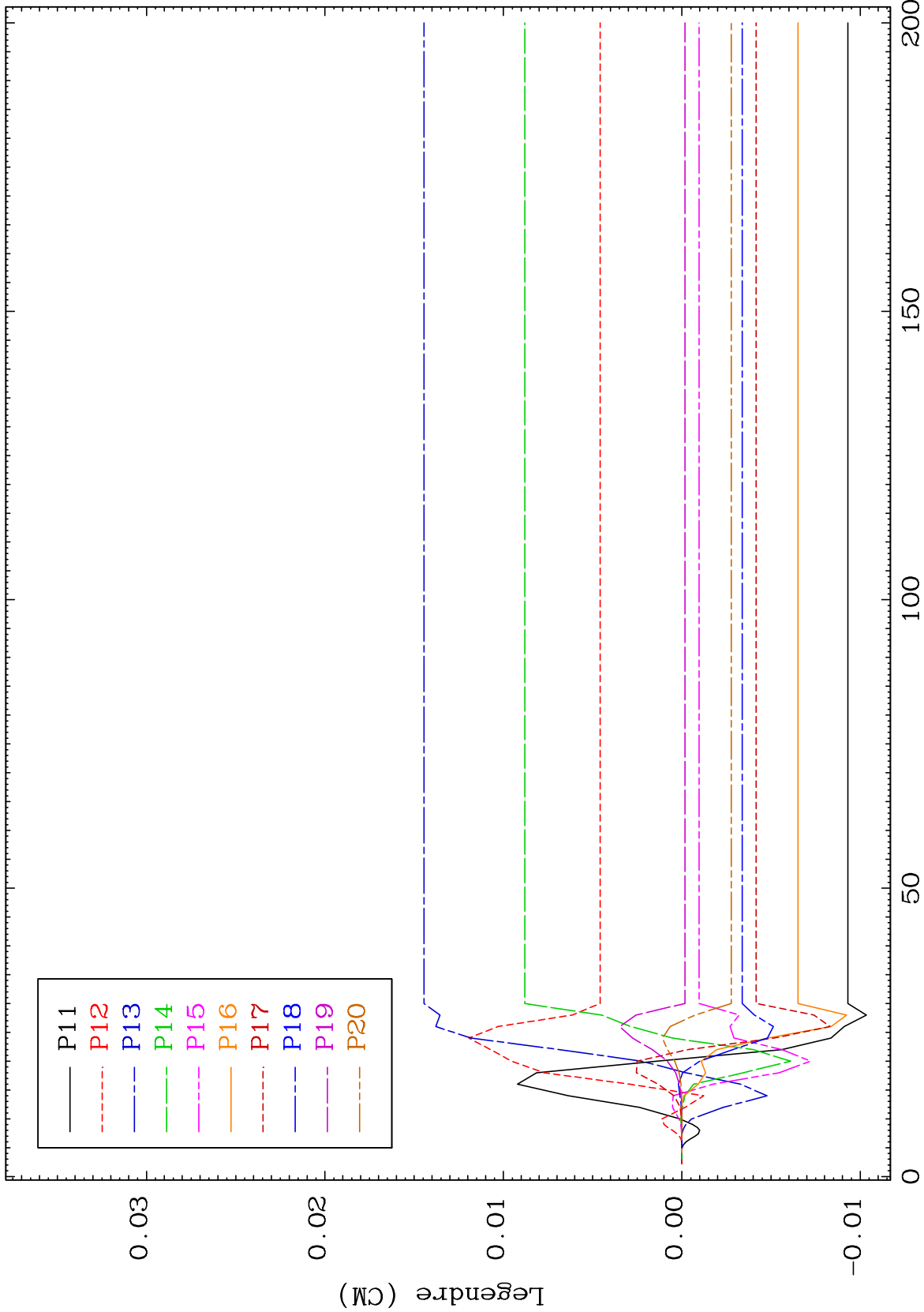


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MAT 8295

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

83-Bi-199



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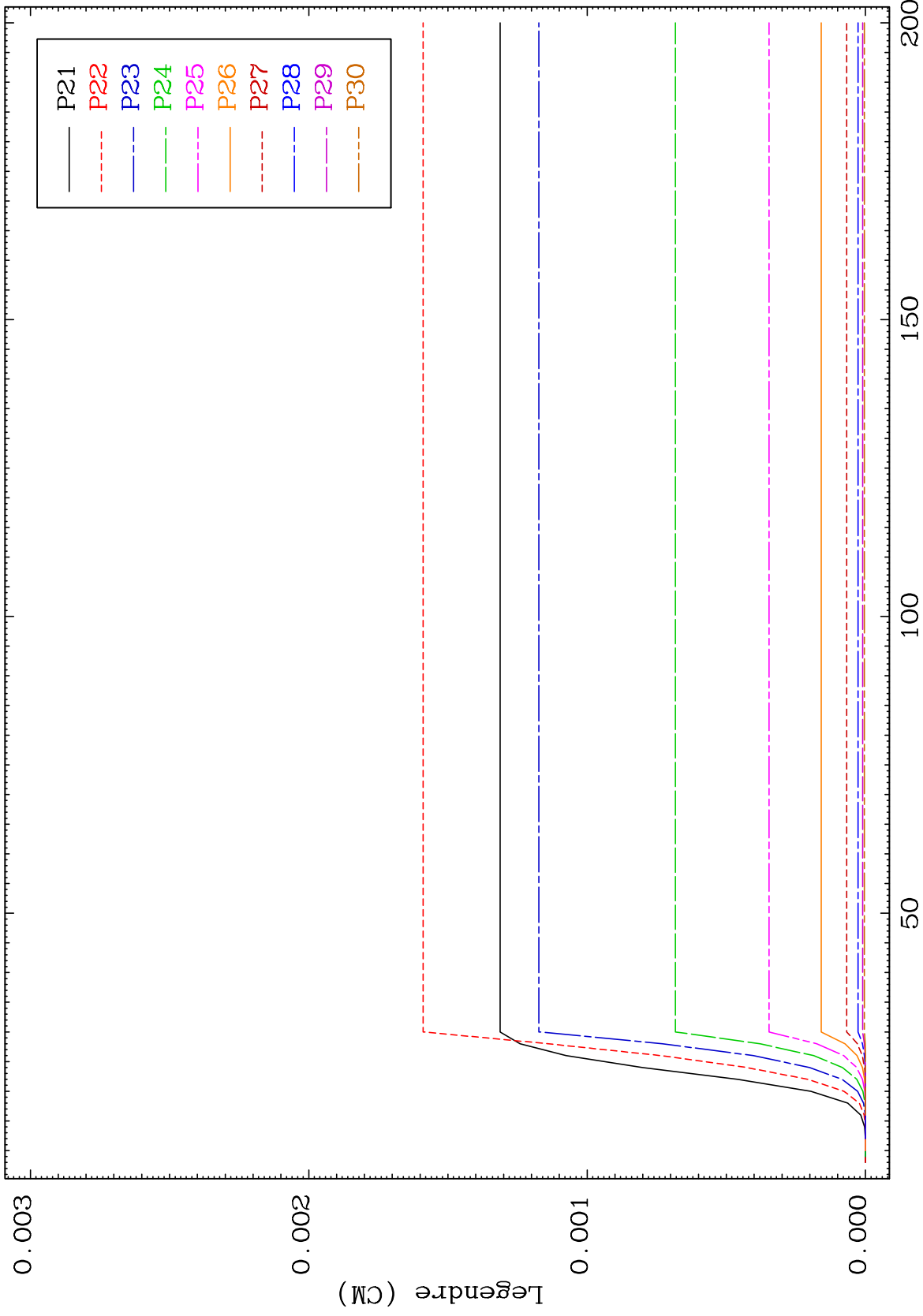
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



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Incident Energy (MeV)

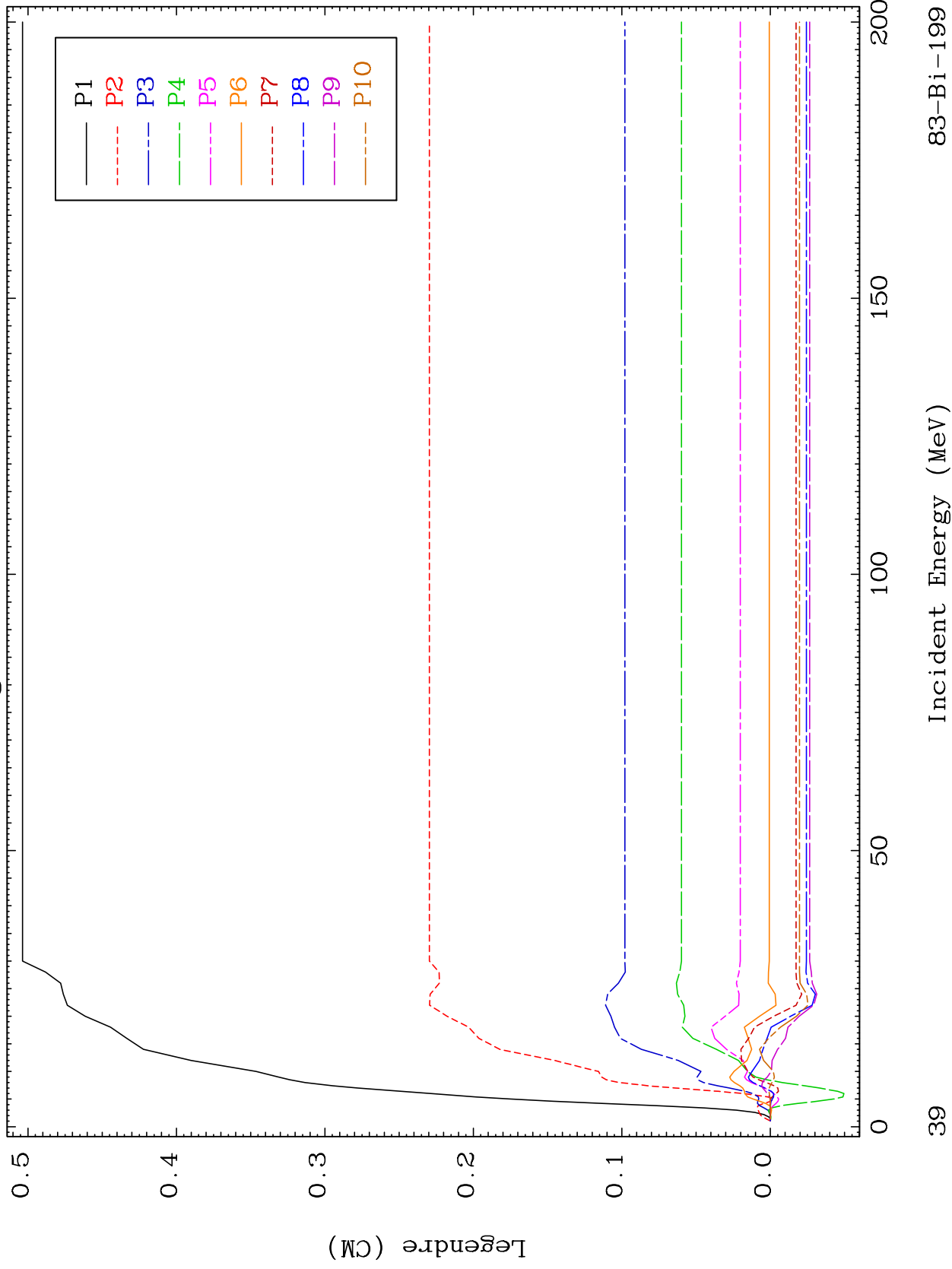
83-Bi-199

MAT 8295

MT= 56 (n,n') Level

83-Bi-199

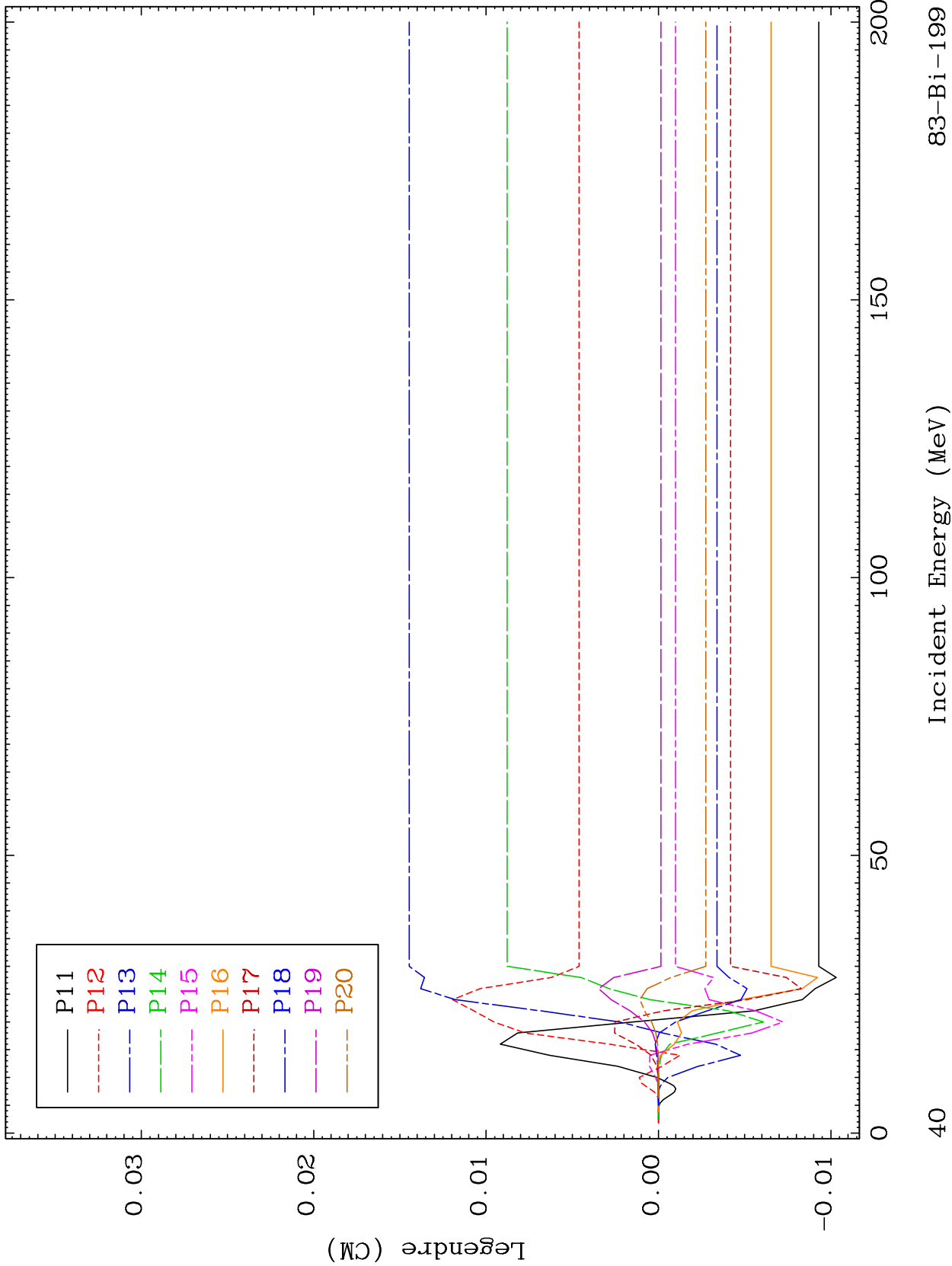
Legendre Coefficients



MAT 8295

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

83-Bi-199



83-Bi-199

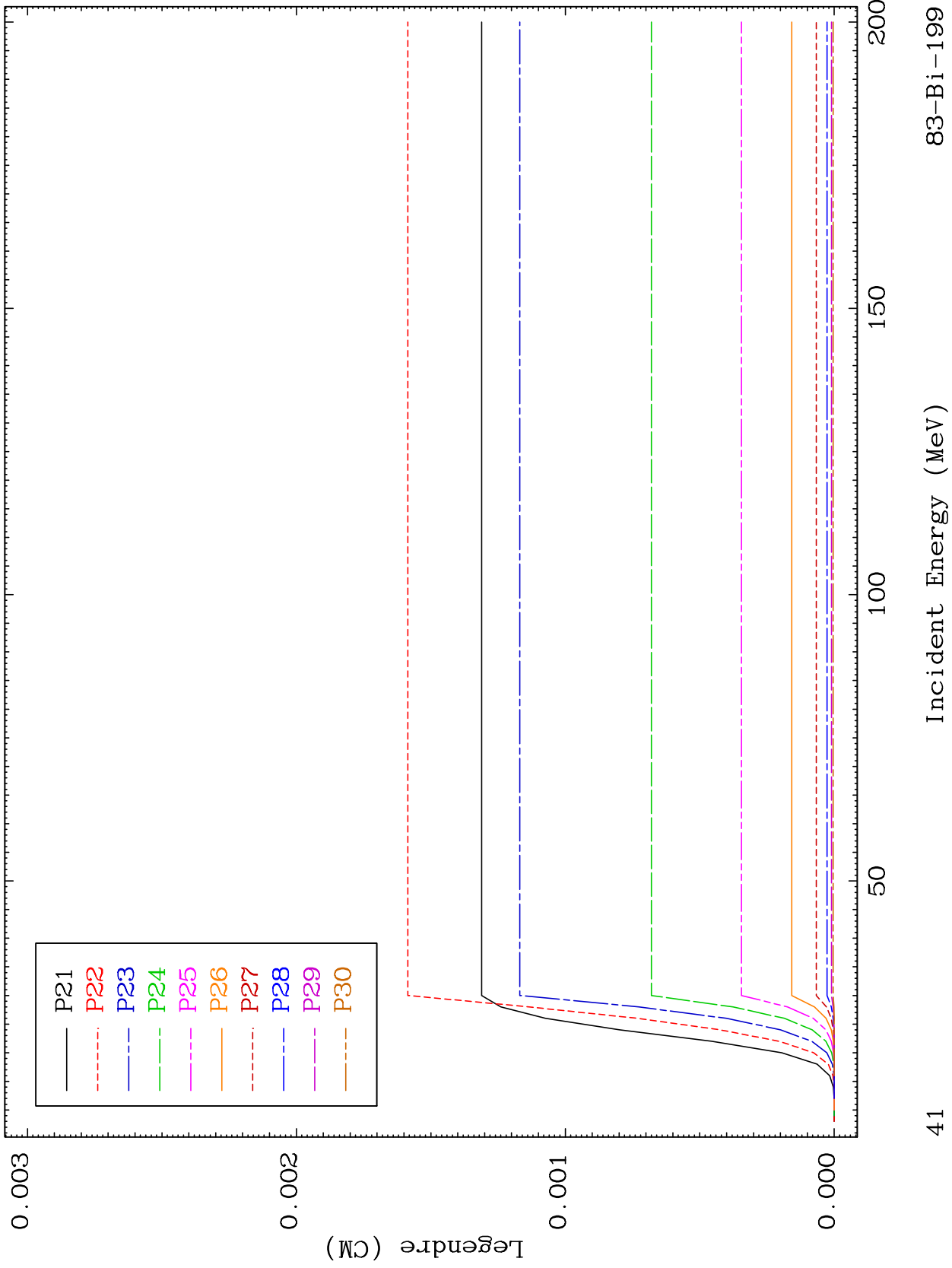
Incident Energy (MeV)

40

MAT 8295

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

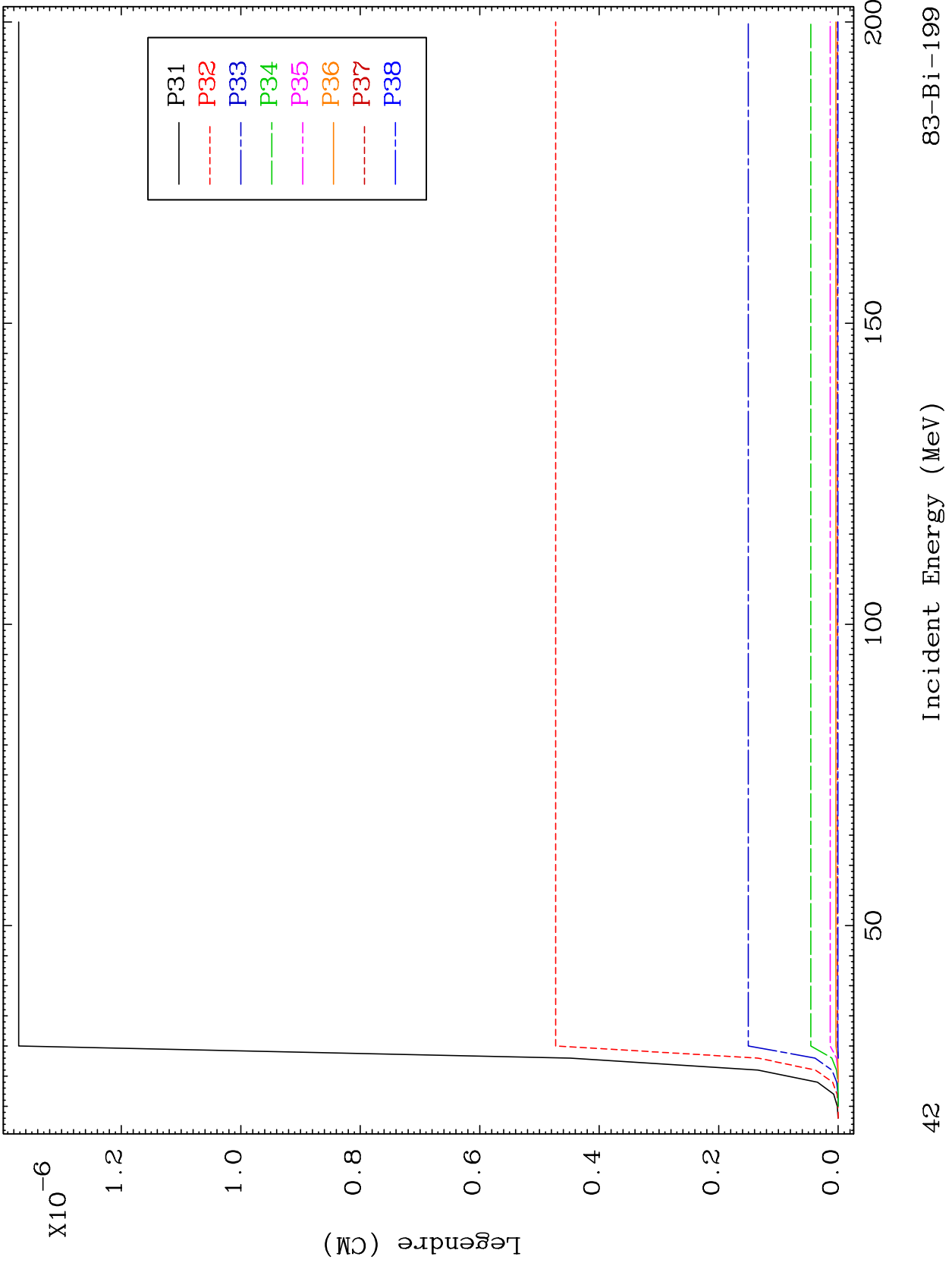
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MAT 8295

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

83-Bi-199



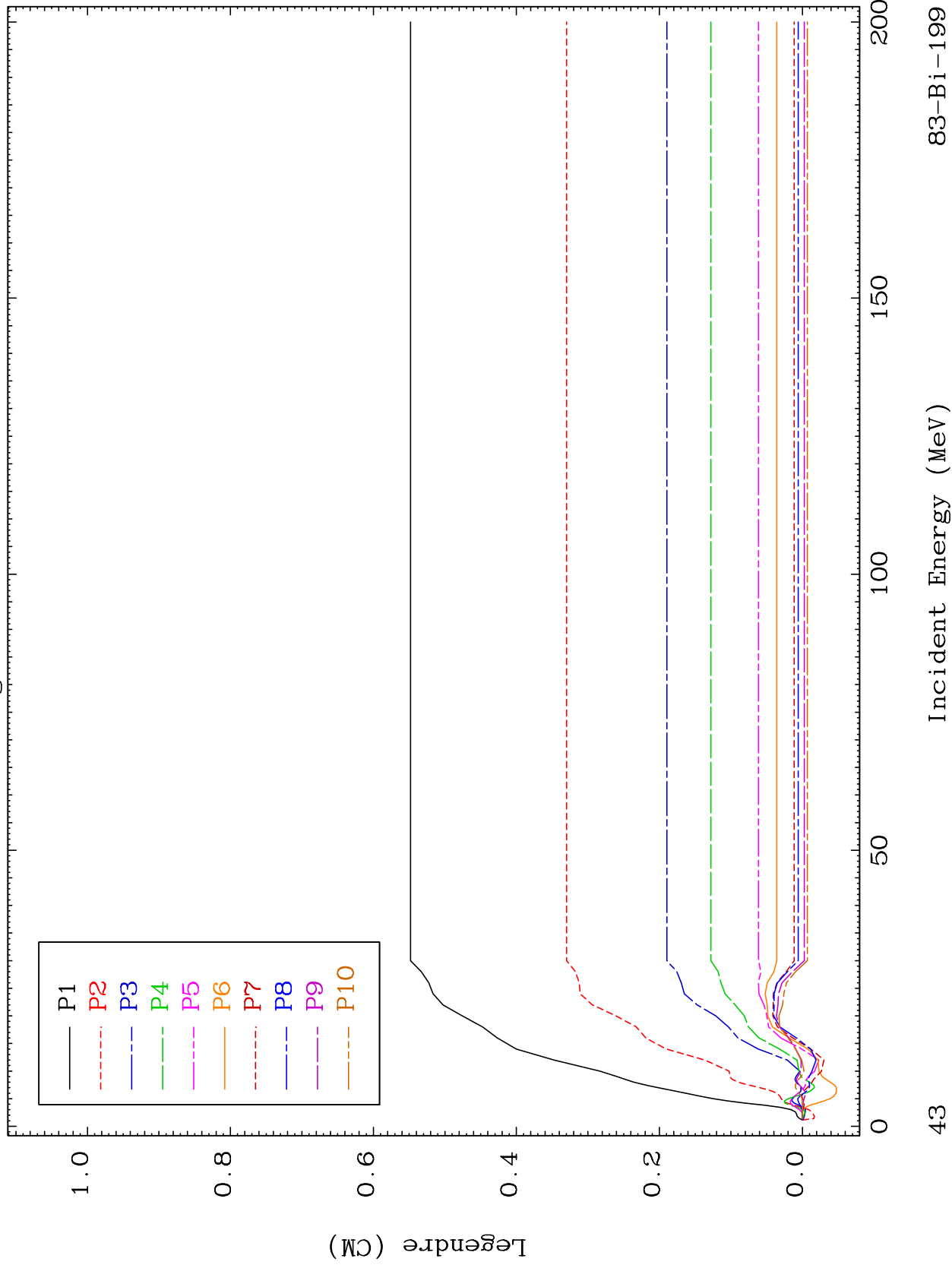
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83-Bi-199

MAT 8295

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

83-Bi-199



43

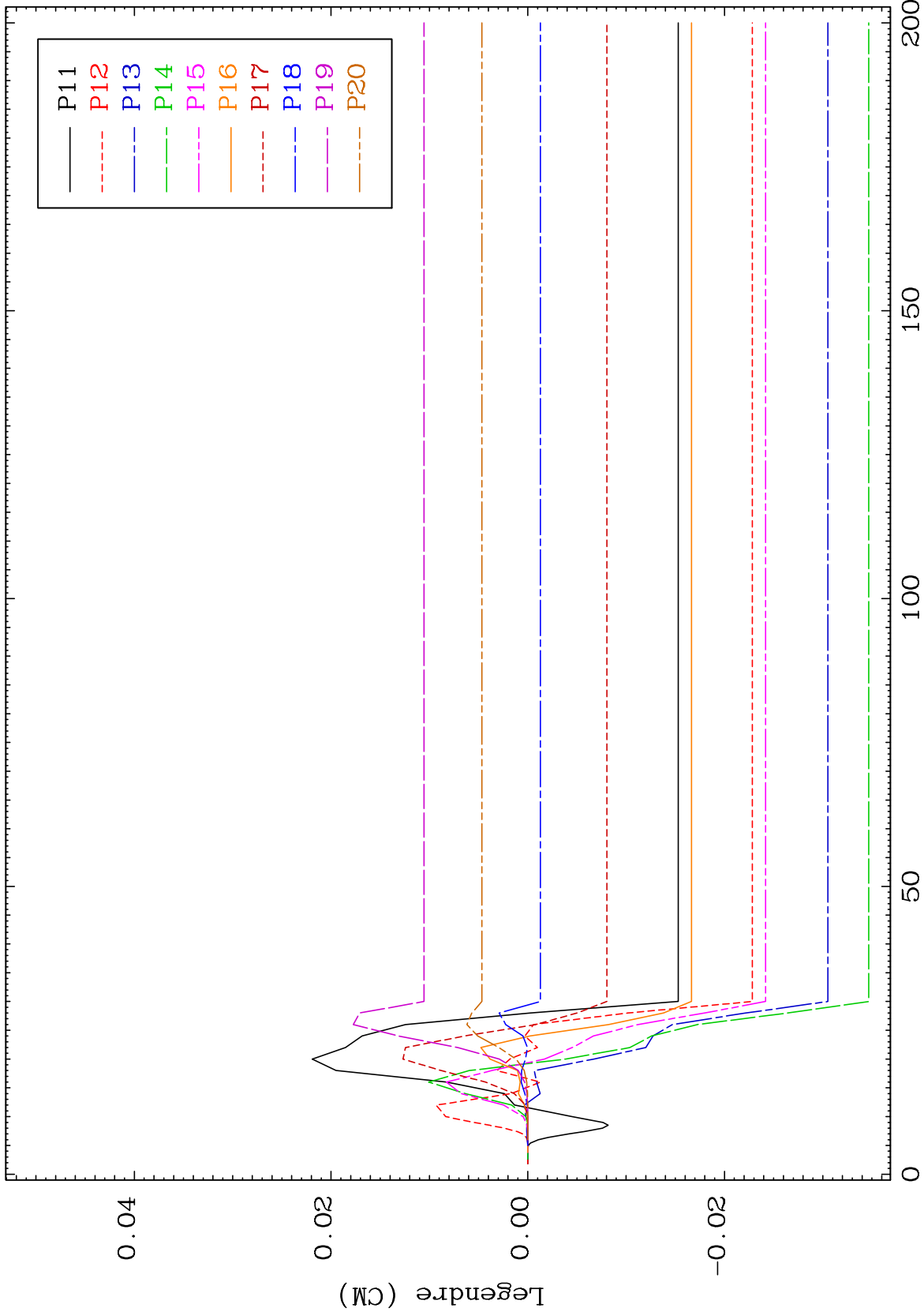
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

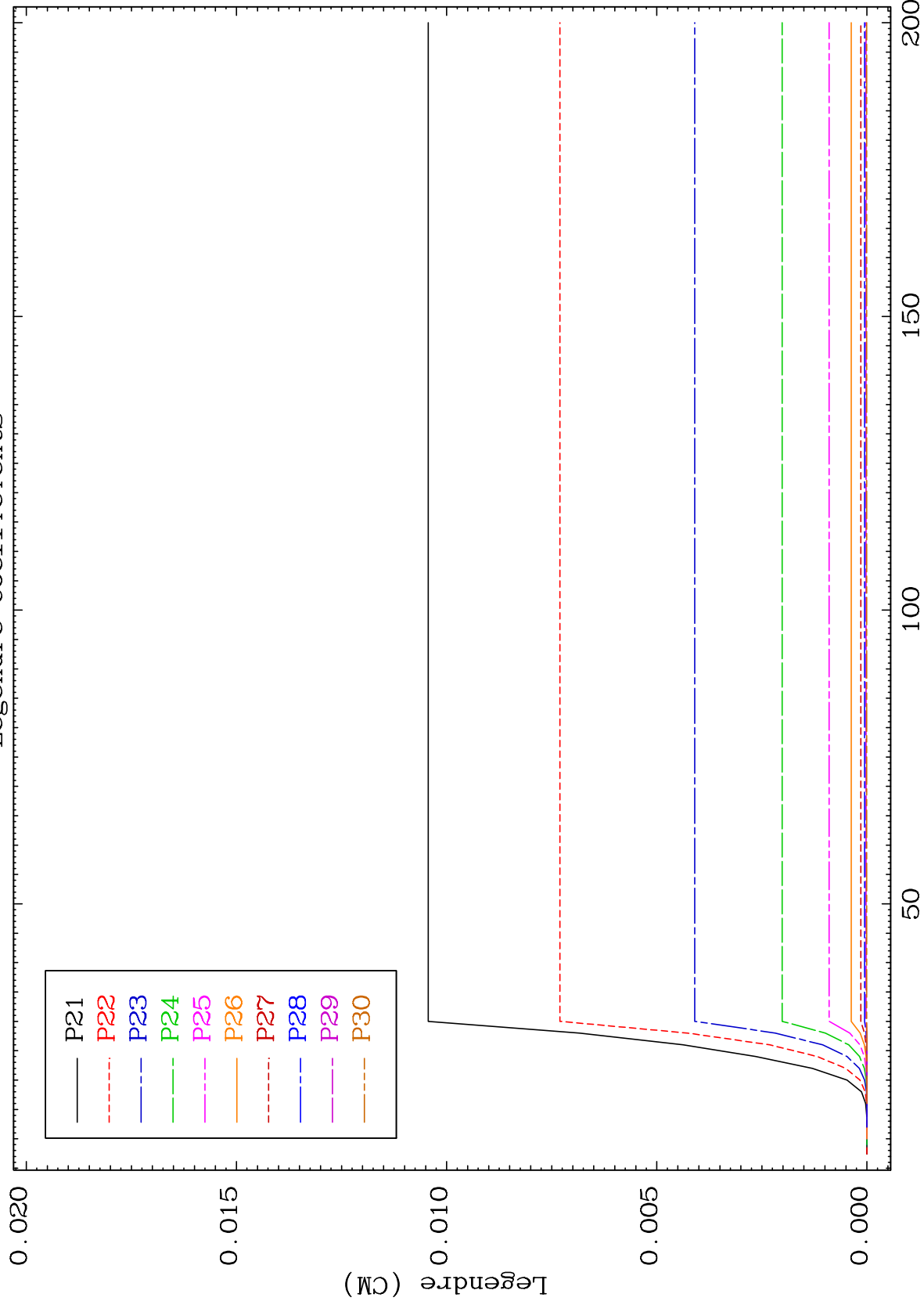
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MAT 8295

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

83-Bi-199



45

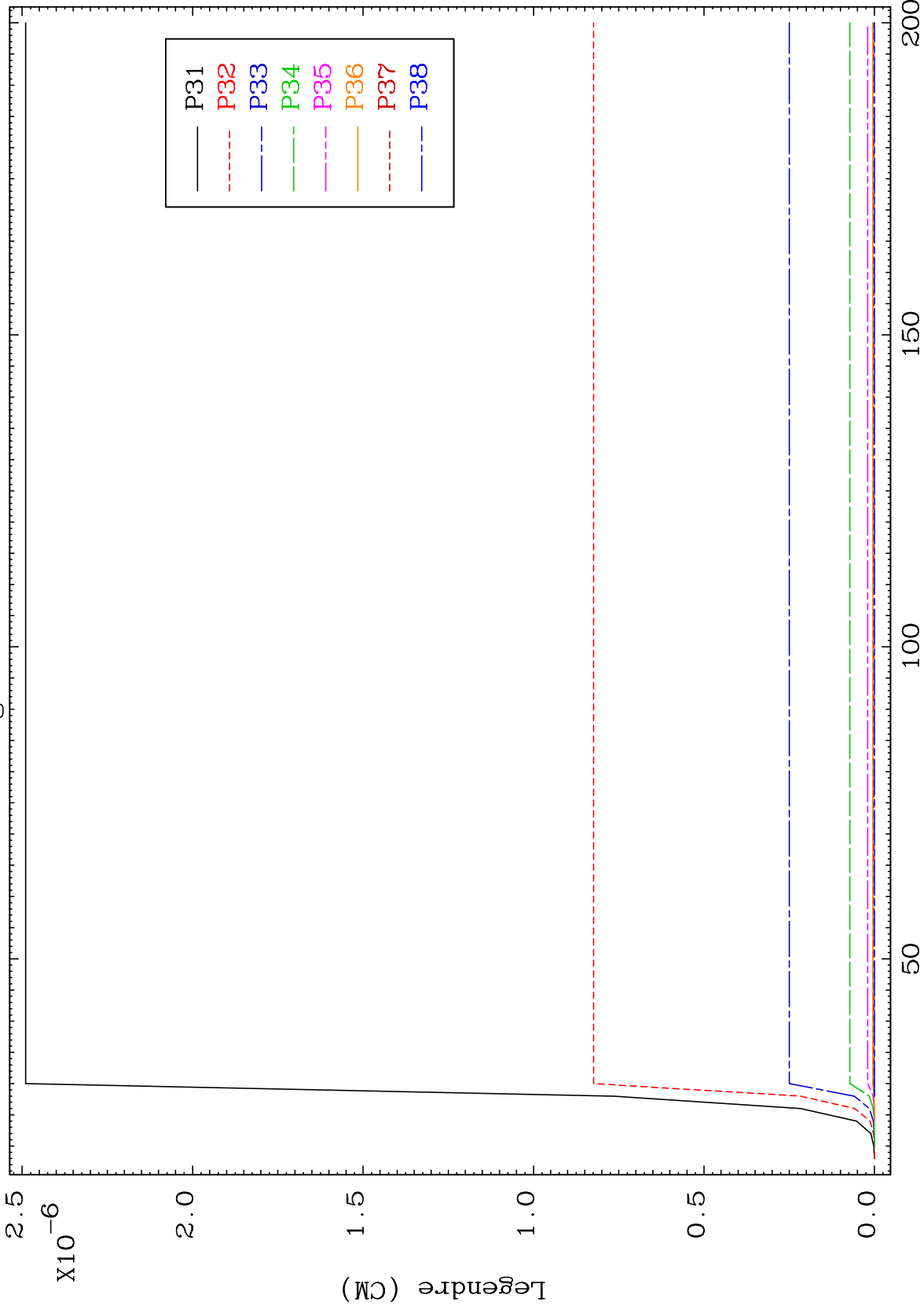
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



46

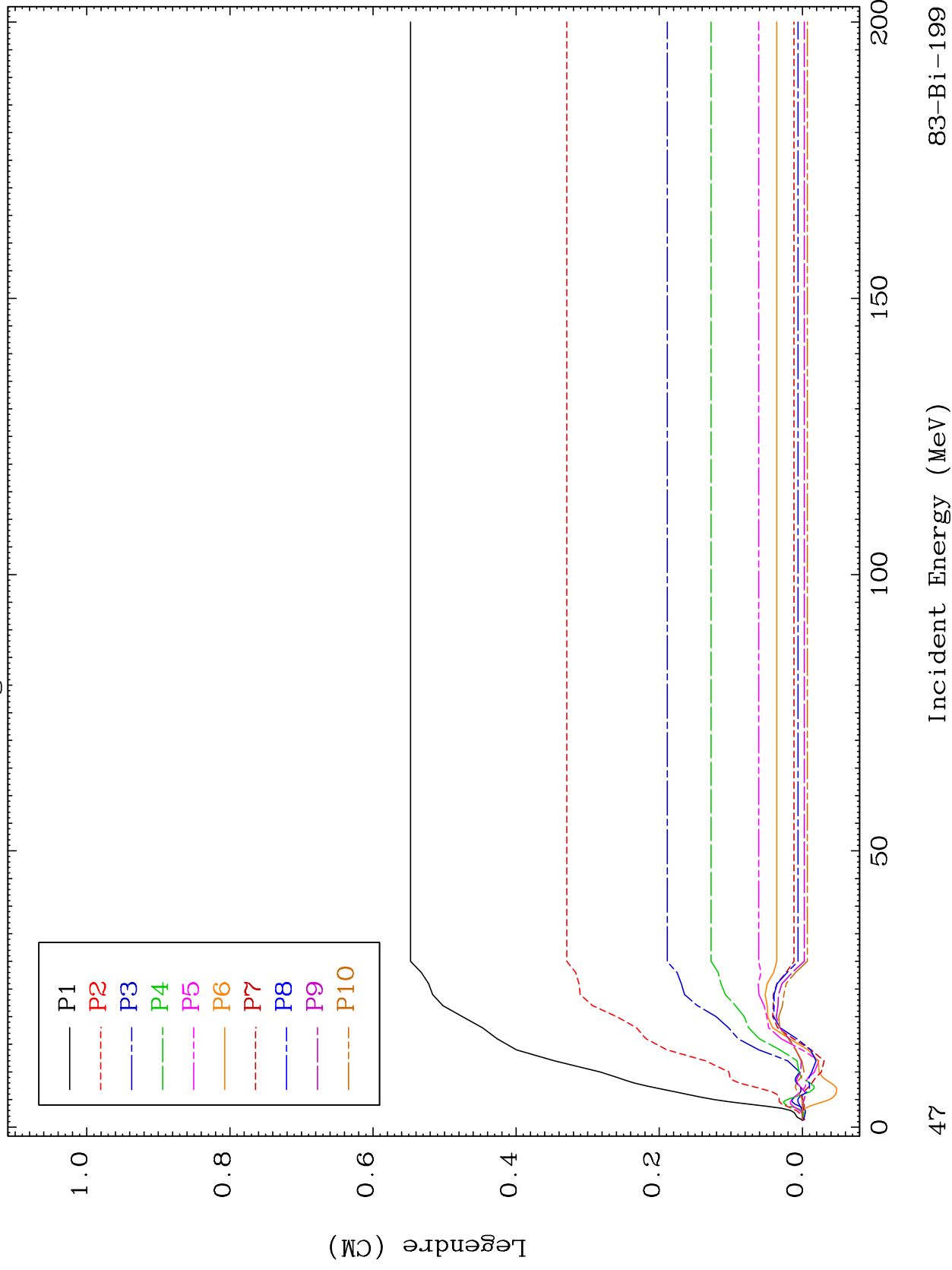
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



83-Bi-199

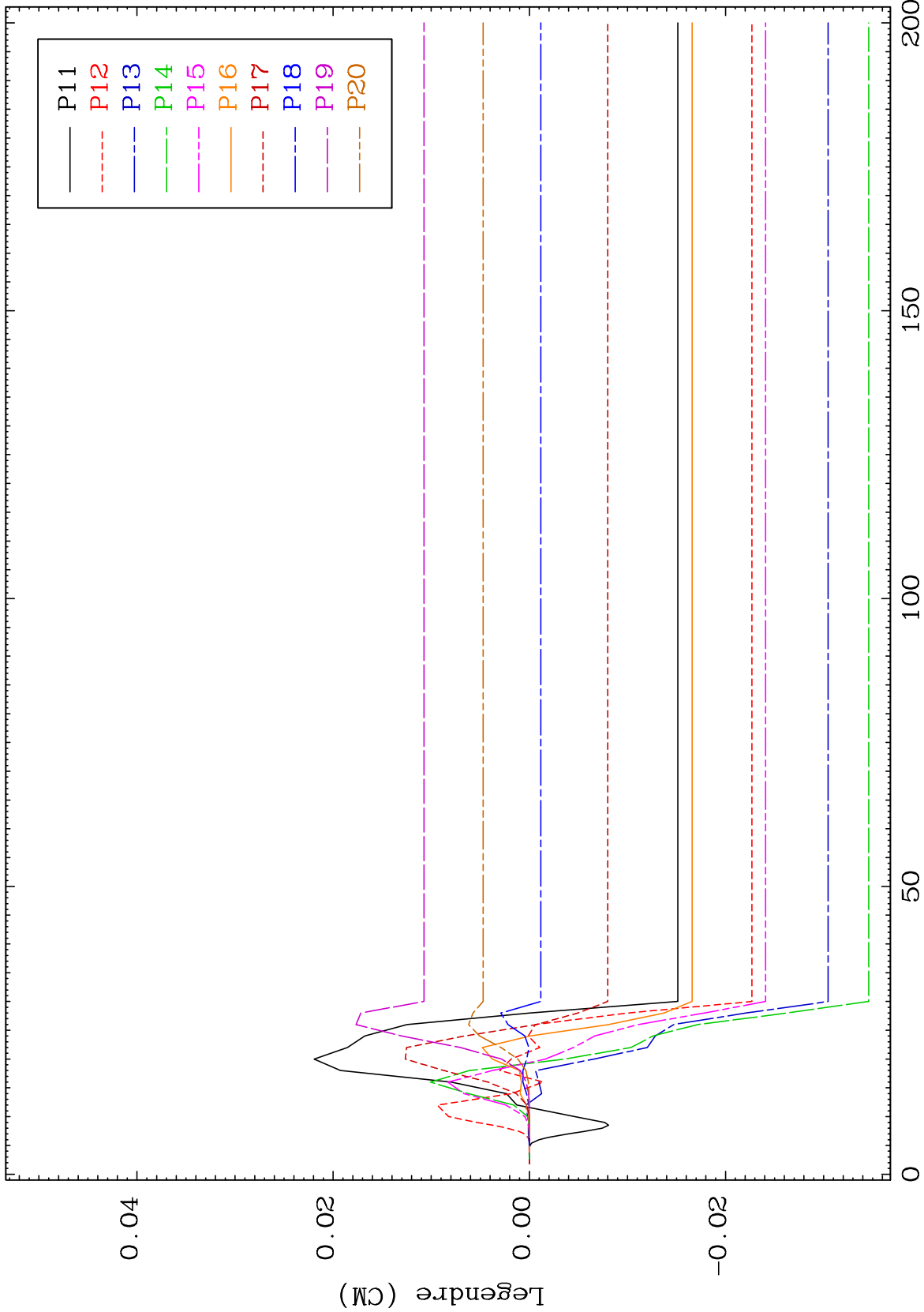
Incident Energy (MeV)

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MAT 8295

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

83-Bi-199



48

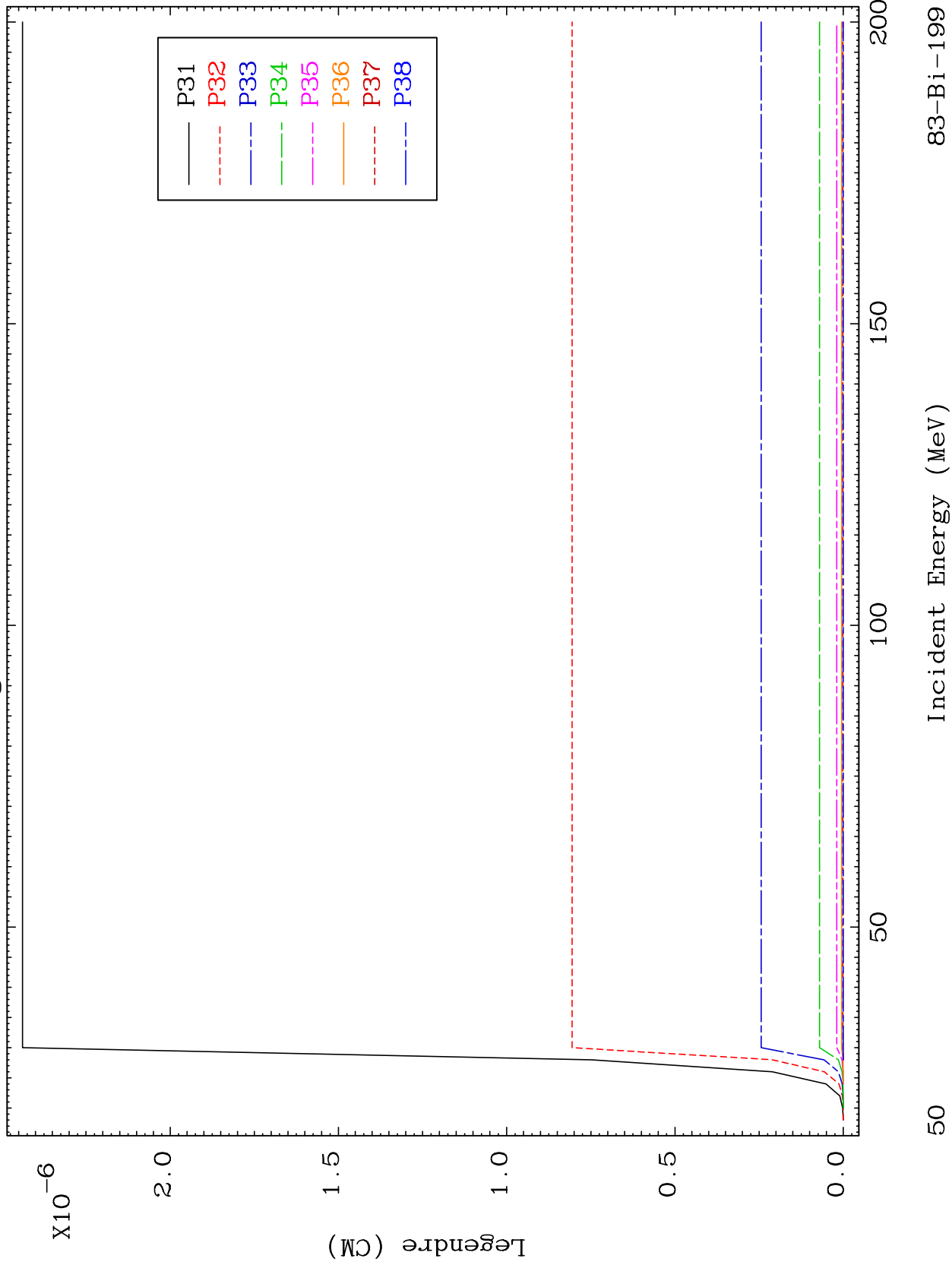
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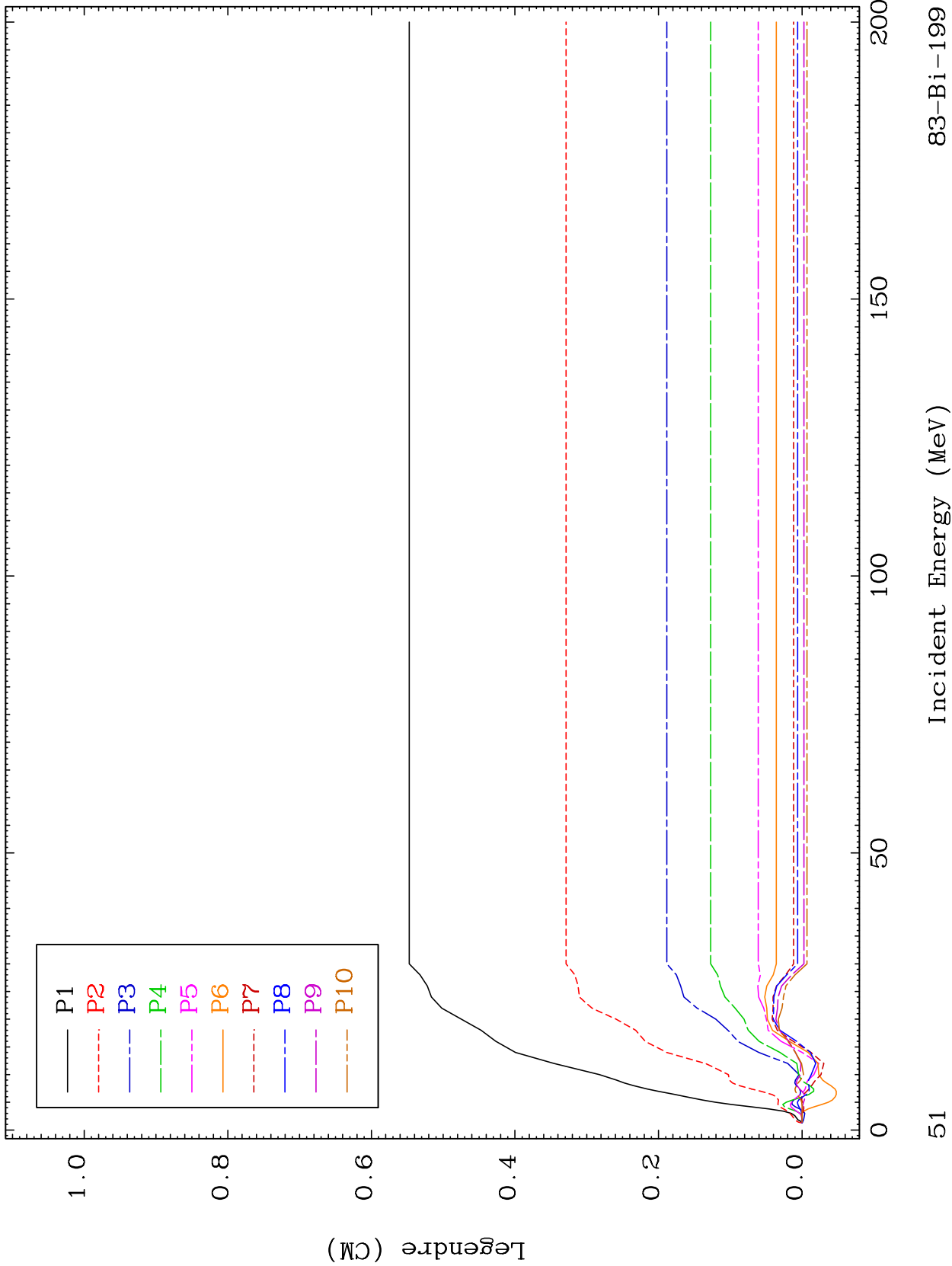
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MAT 8295

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

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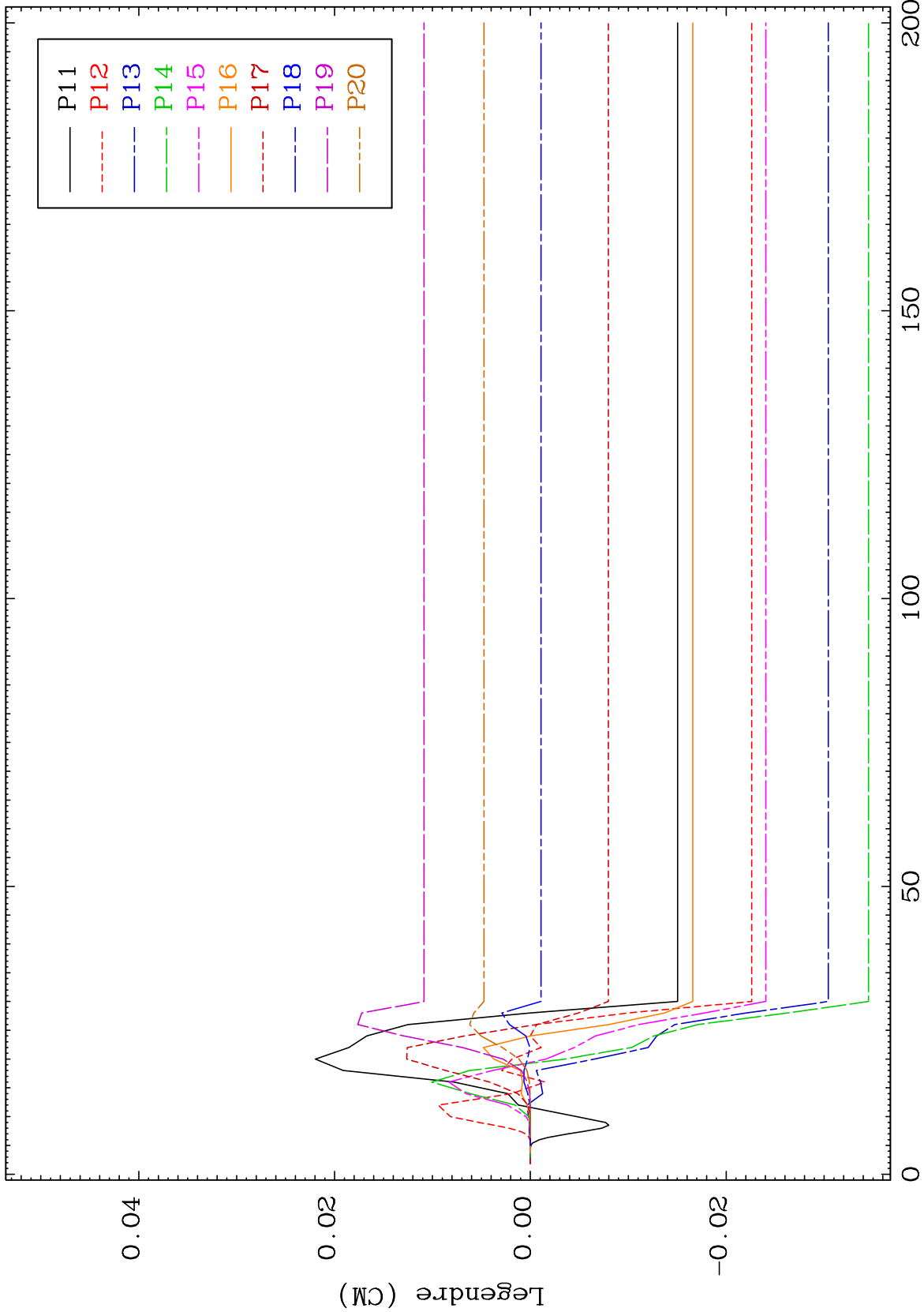




MAT 8295

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

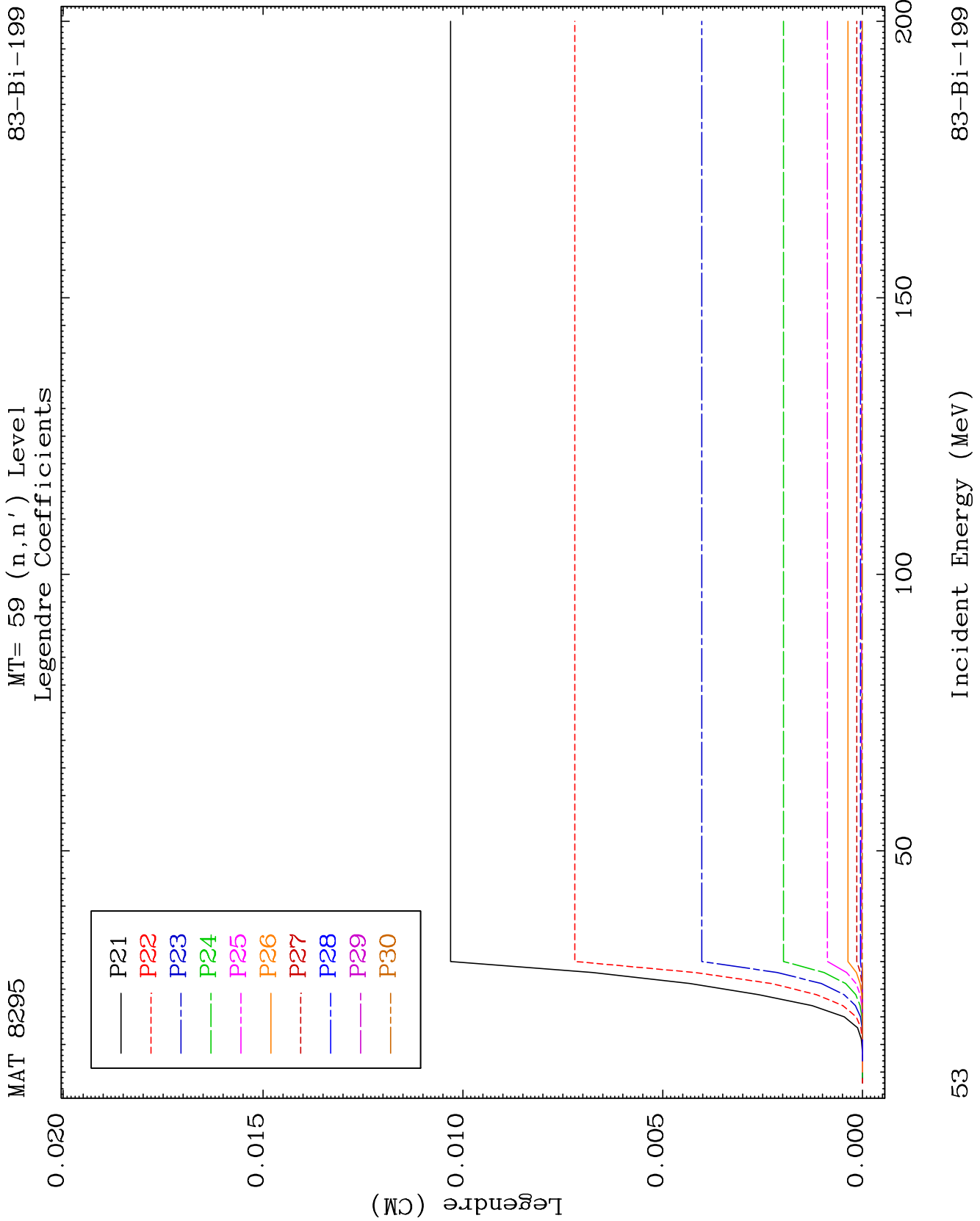
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Incident Energy (MeV)

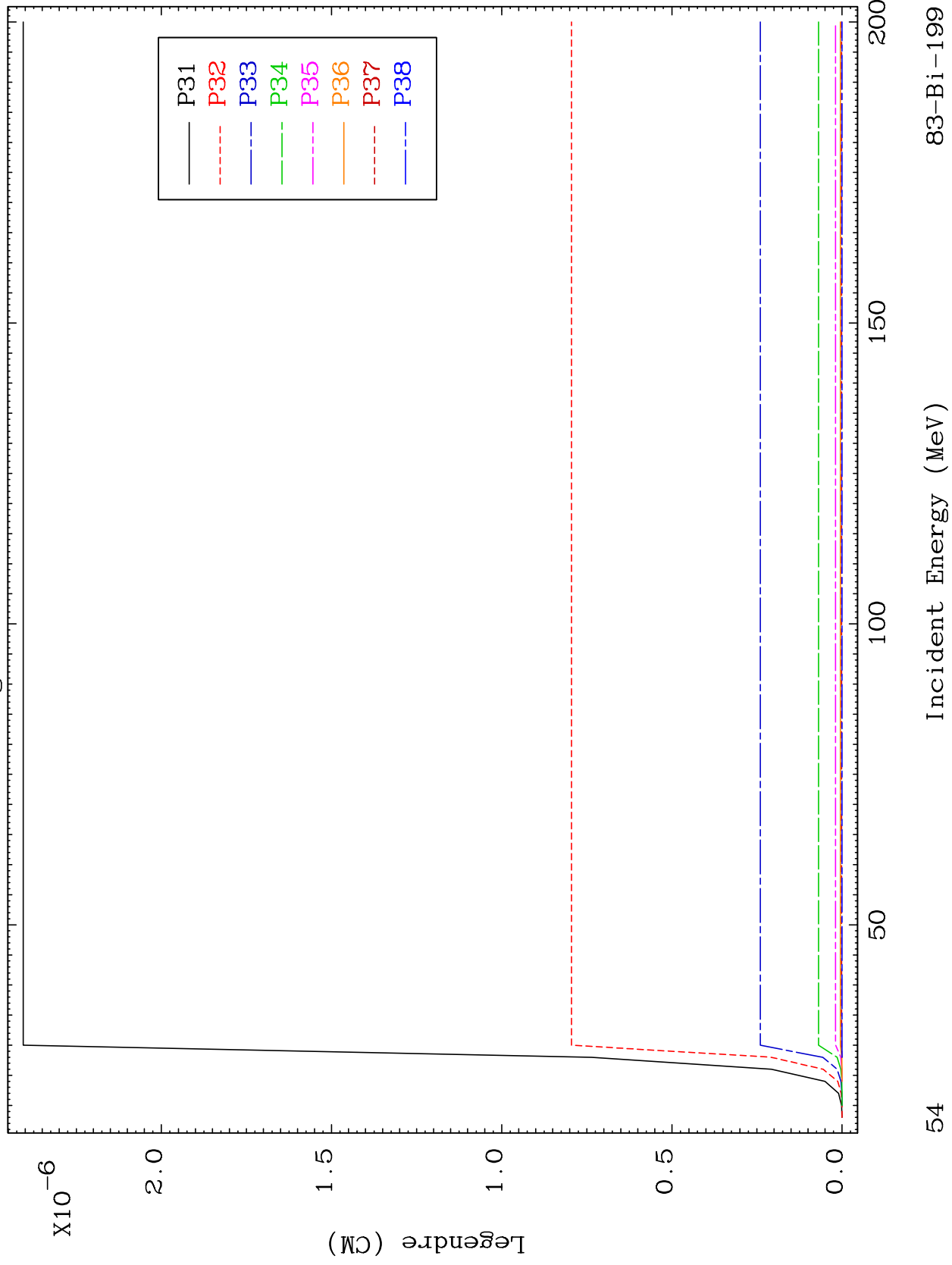
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MAT 8295

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

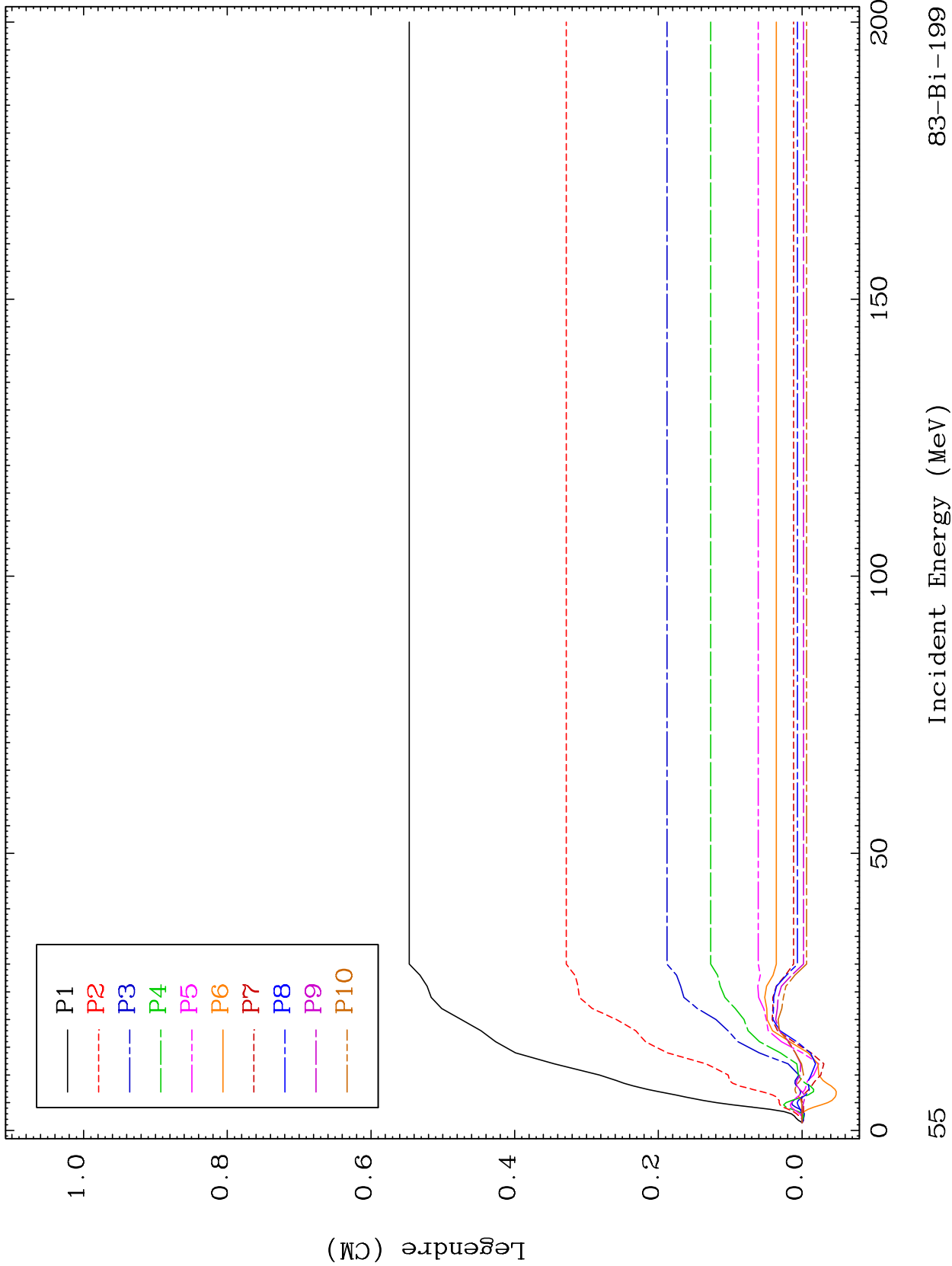
83-Bi-199



MAT 8295

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

83-Bi-199



83-Bi-199

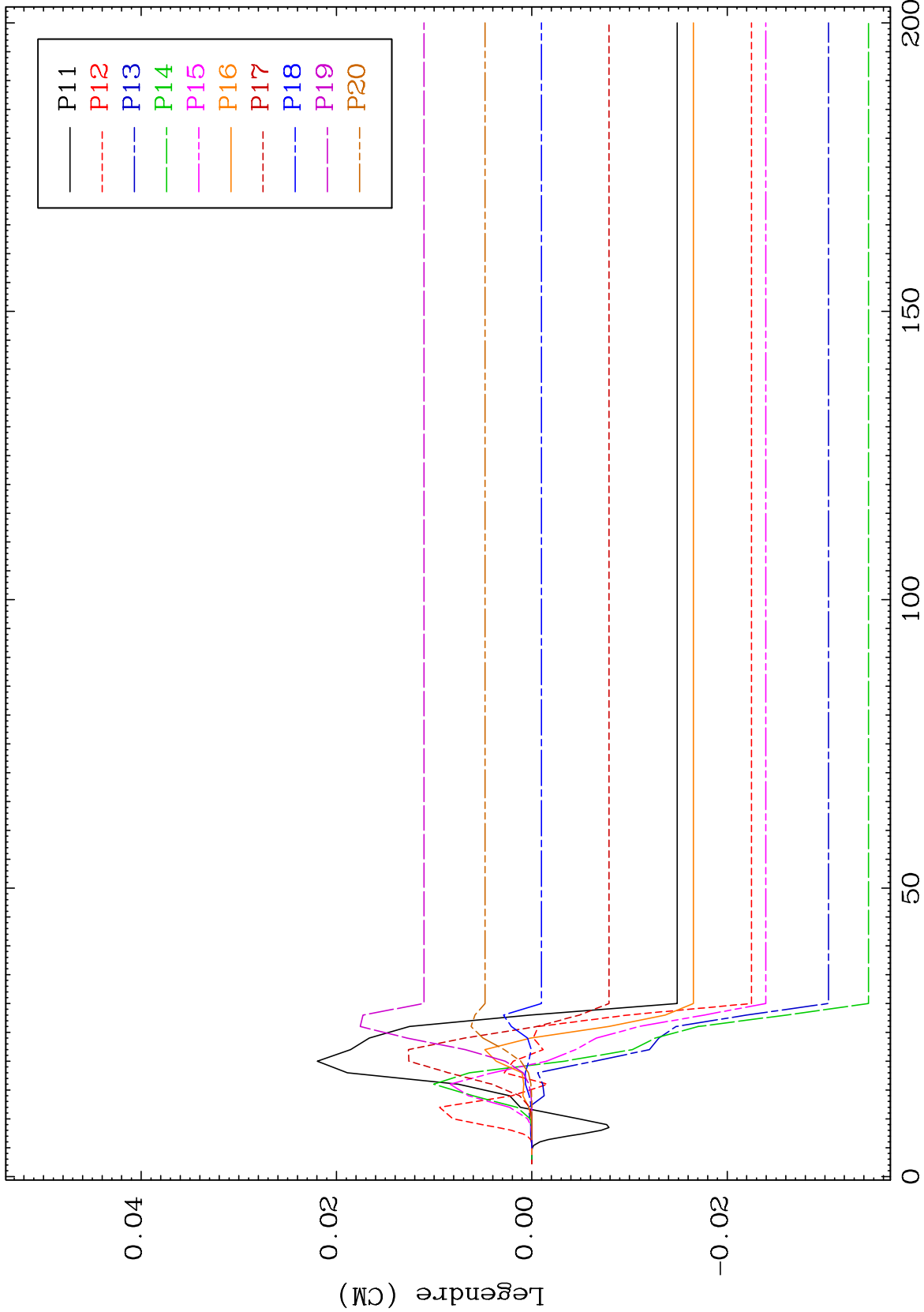
Incident Energy (MeV)

55

MAT 8295

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

83-Bi-199



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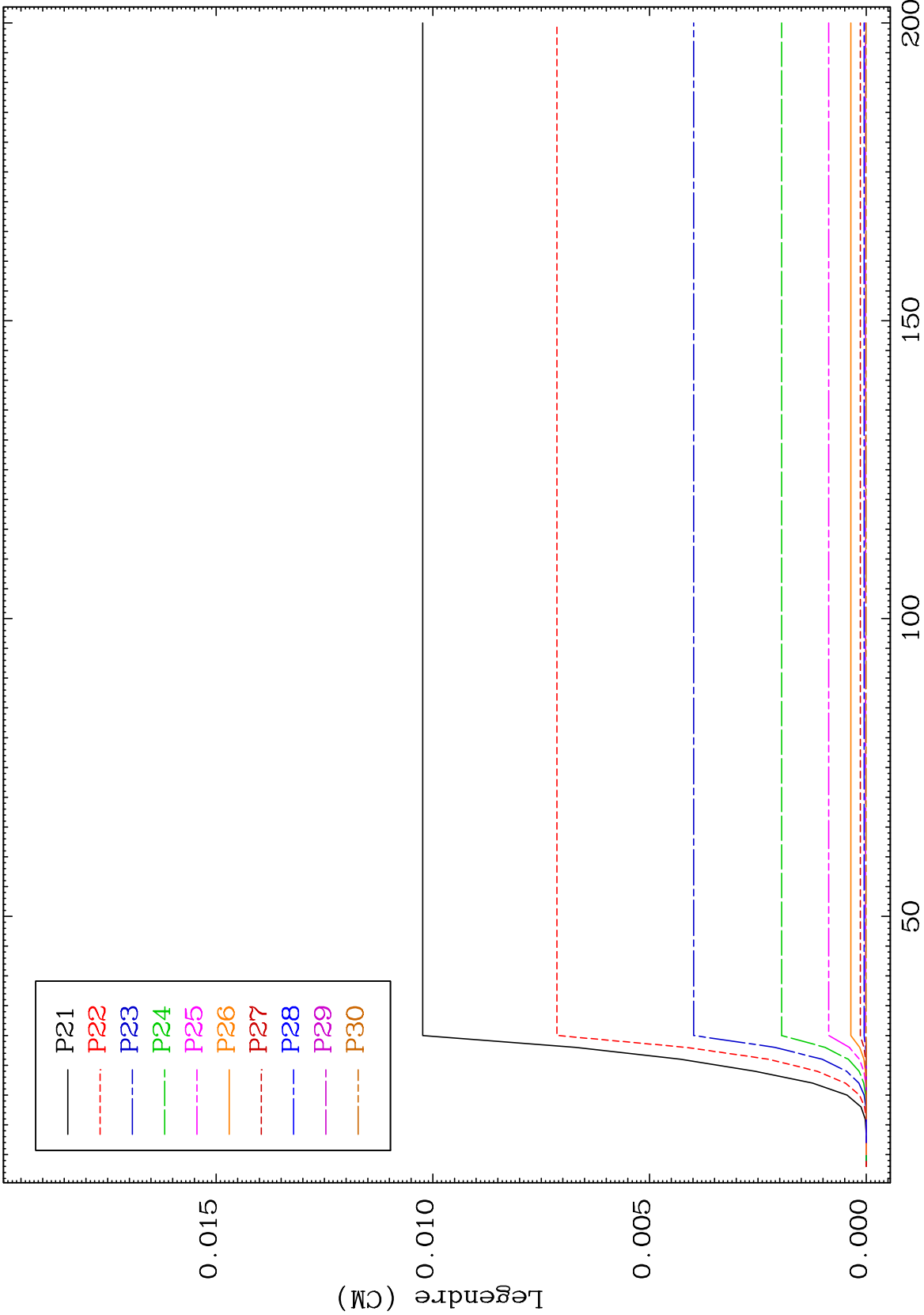
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

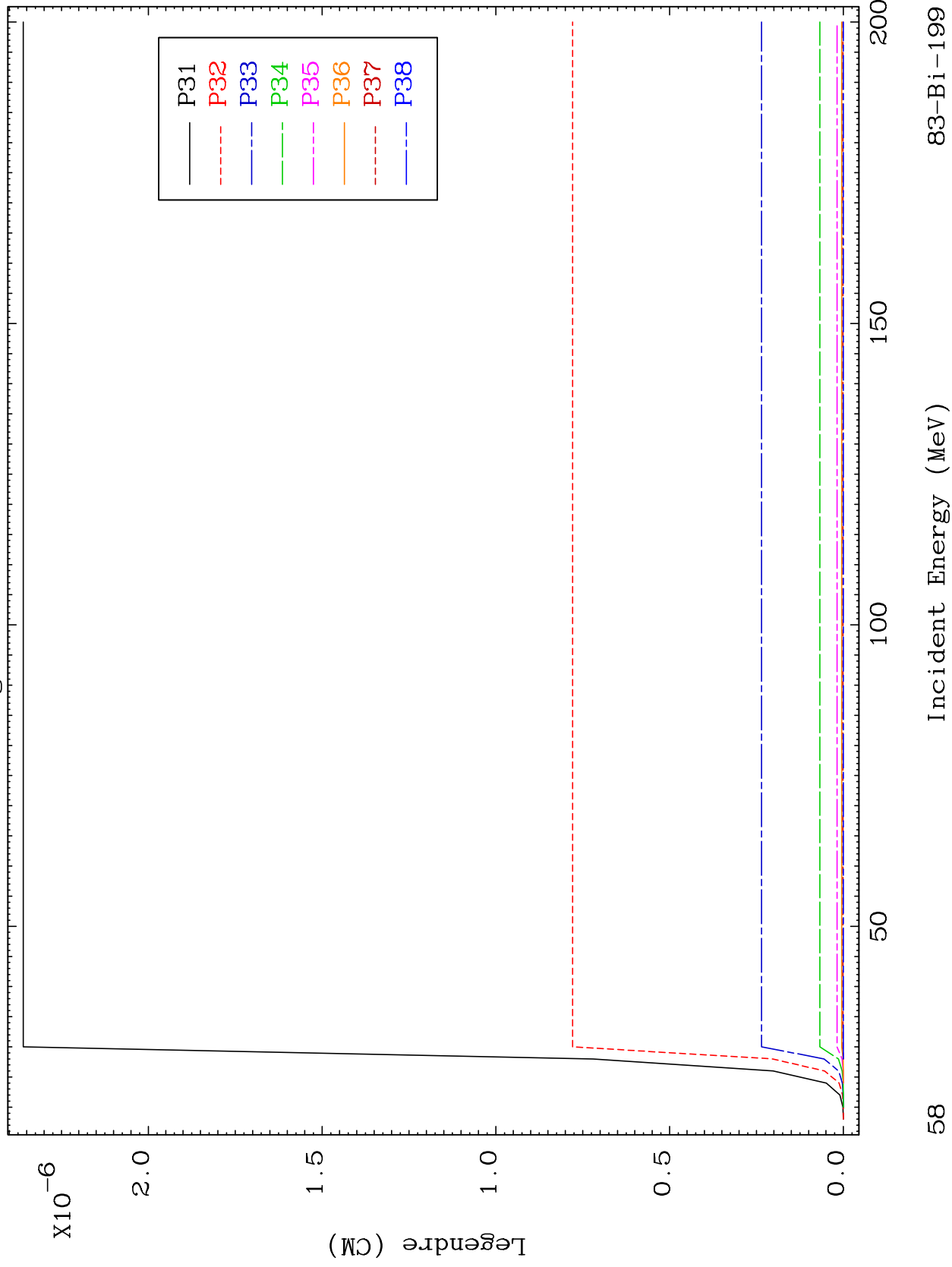
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MAT 8295

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

83-Bi-199



58

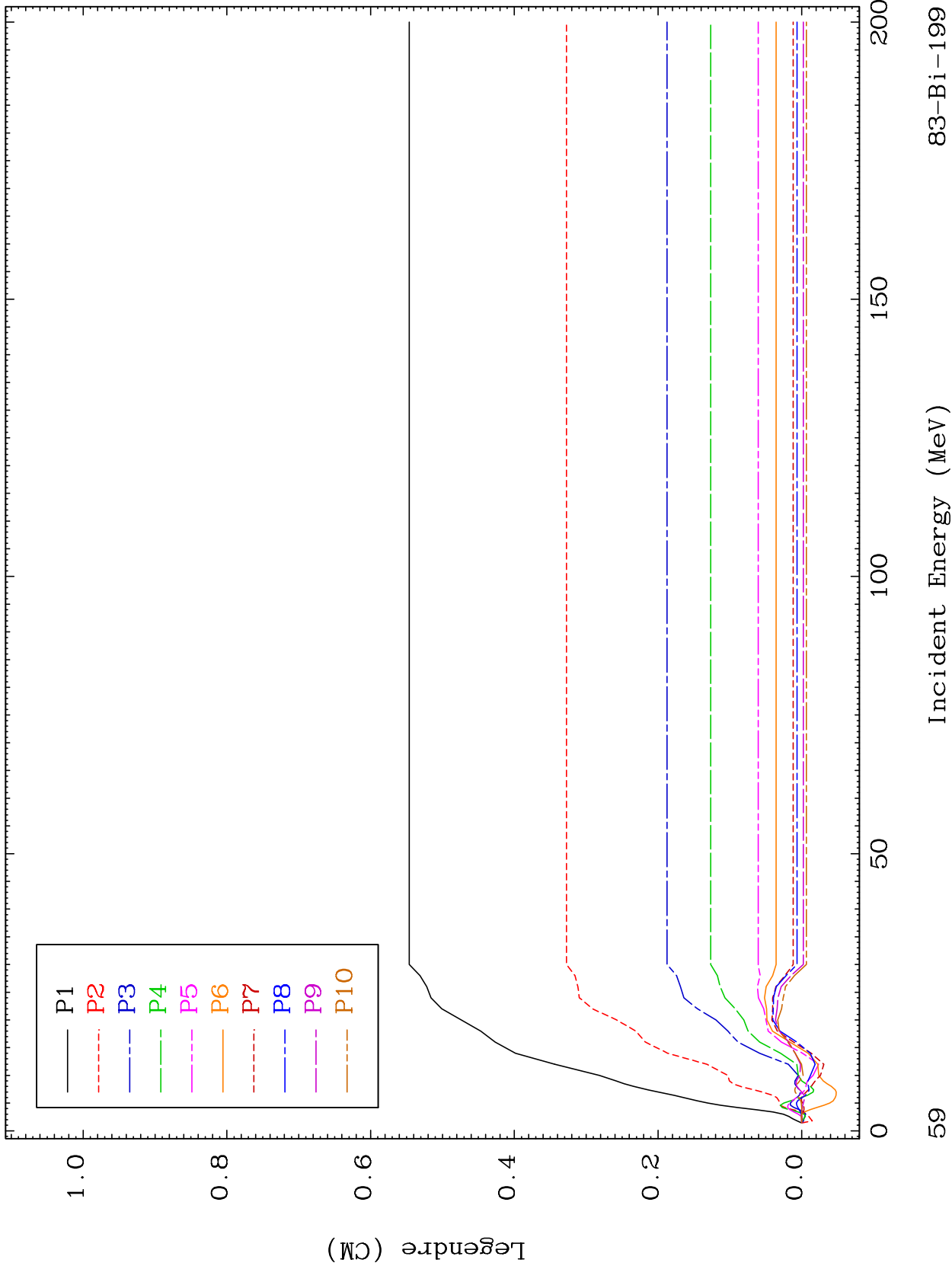
Incident Energy (MeV)

83-Bi-199

MAT 8295

MT= 61 (n,n') Level
Legendre Coefficients

83-Bi-199



59

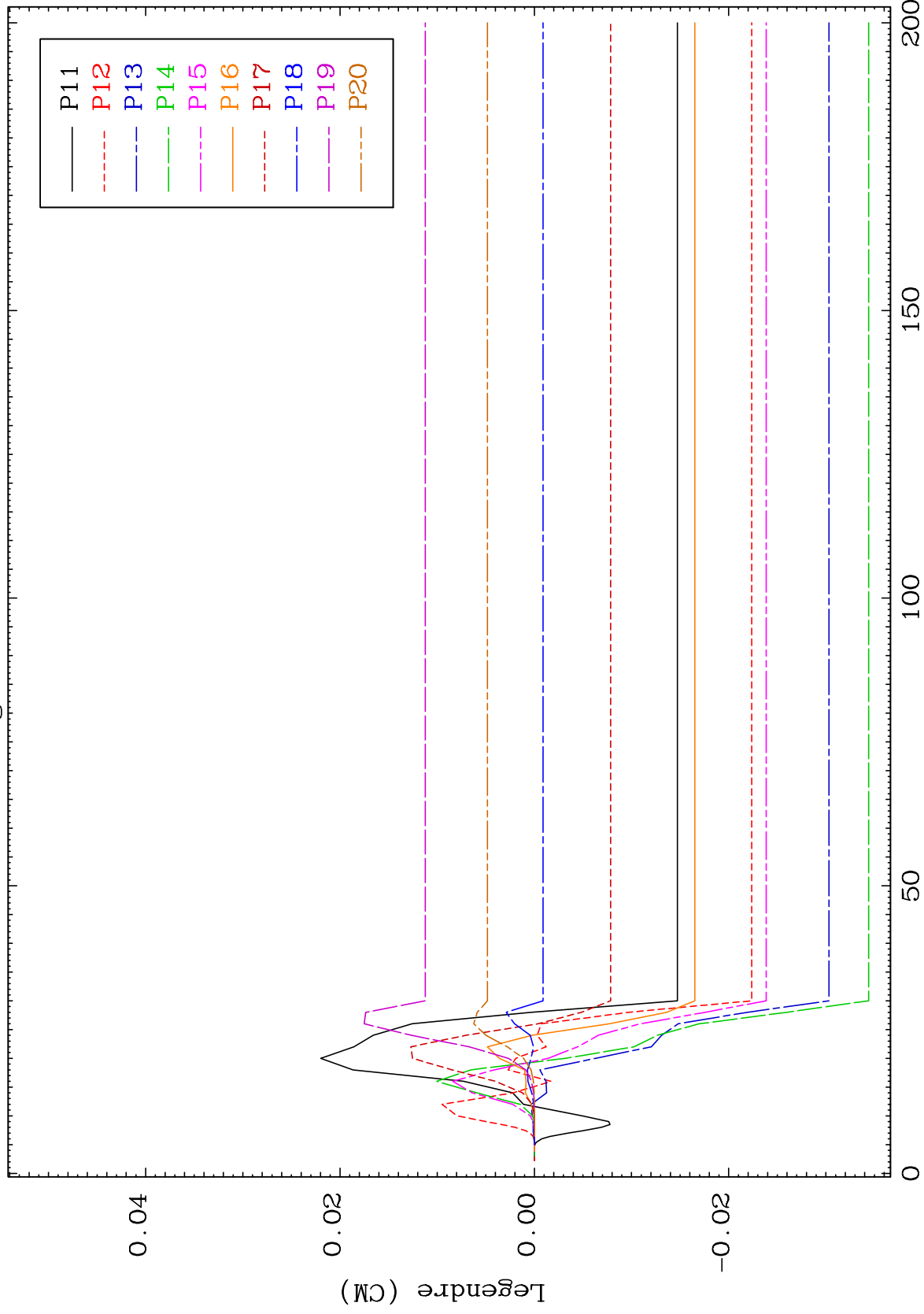
Incident Energy (MeV)

83-Bi-199

MAT 8295

MT= 61 (n,n') Level
Legendre Coefficients

83-Bi-199



83-Bi-199

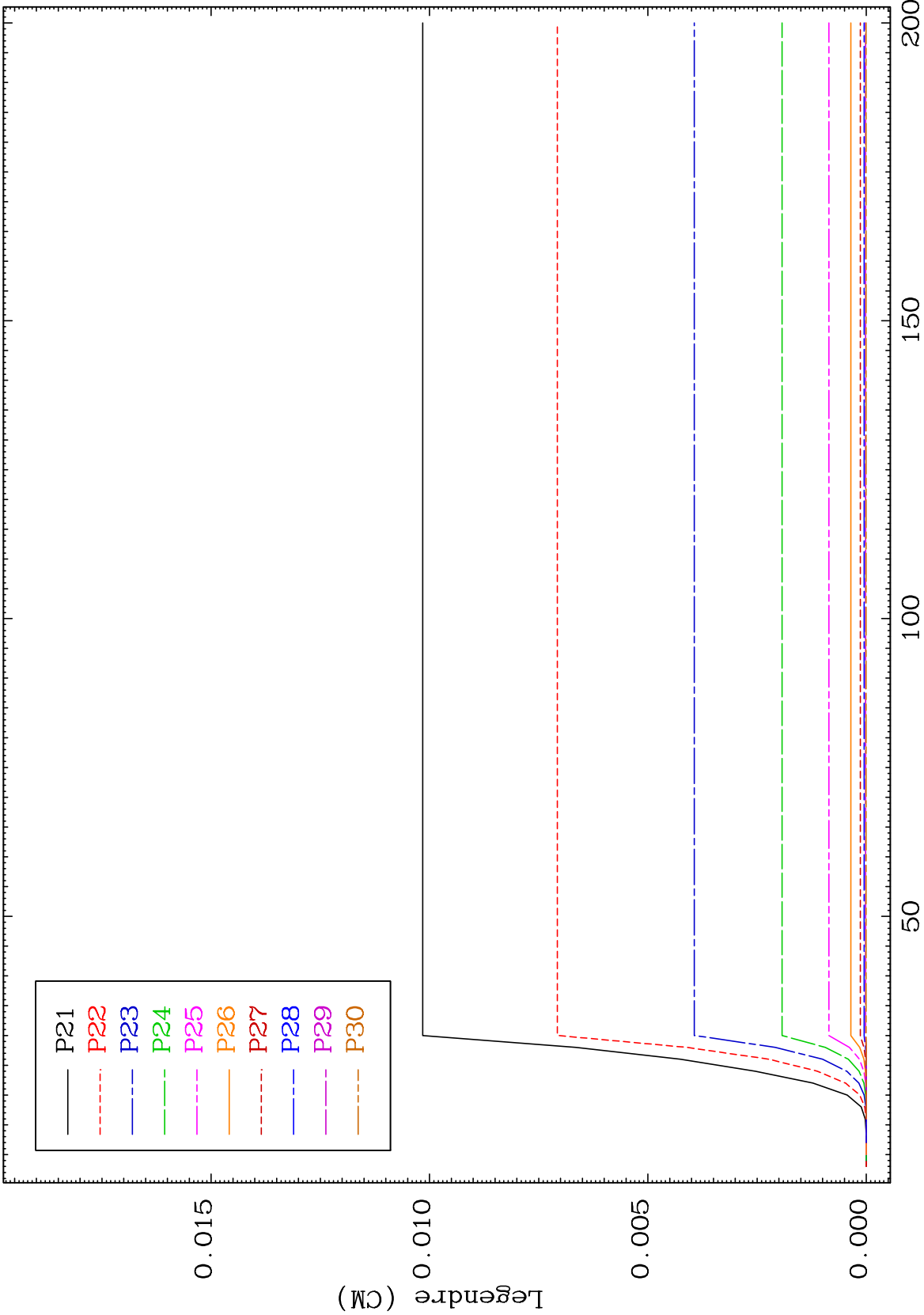
Incident Energy (MeV)

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MAT 8295

MT= 61 (n,n') Level
Legendre Coefficients

83-Bi-199



61

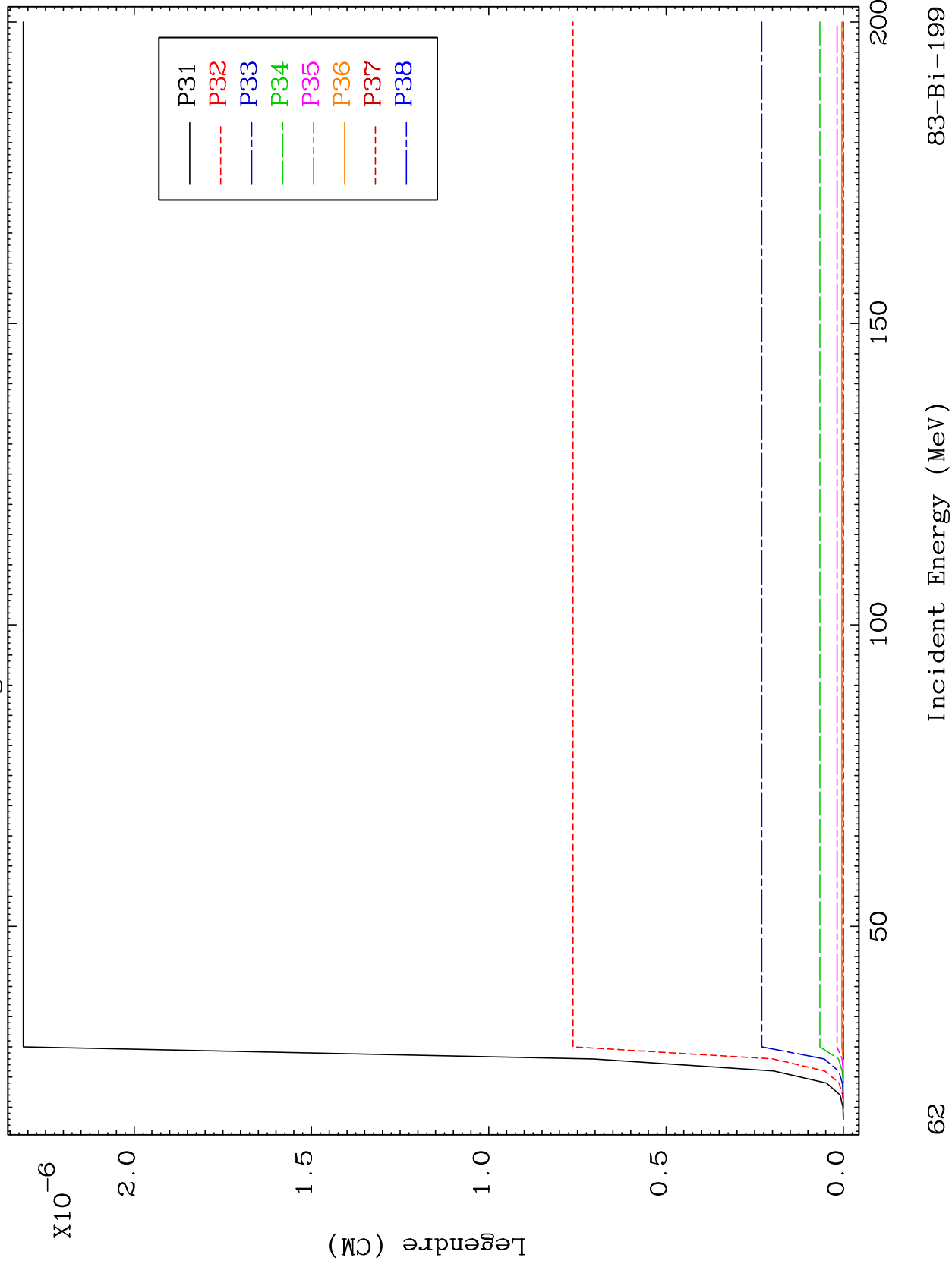
Incident Energy (MeV)

83-Bi-199

MAT 8295

MT= 61 (n,n') Level
Legendre Coefficients

83-Bi-199



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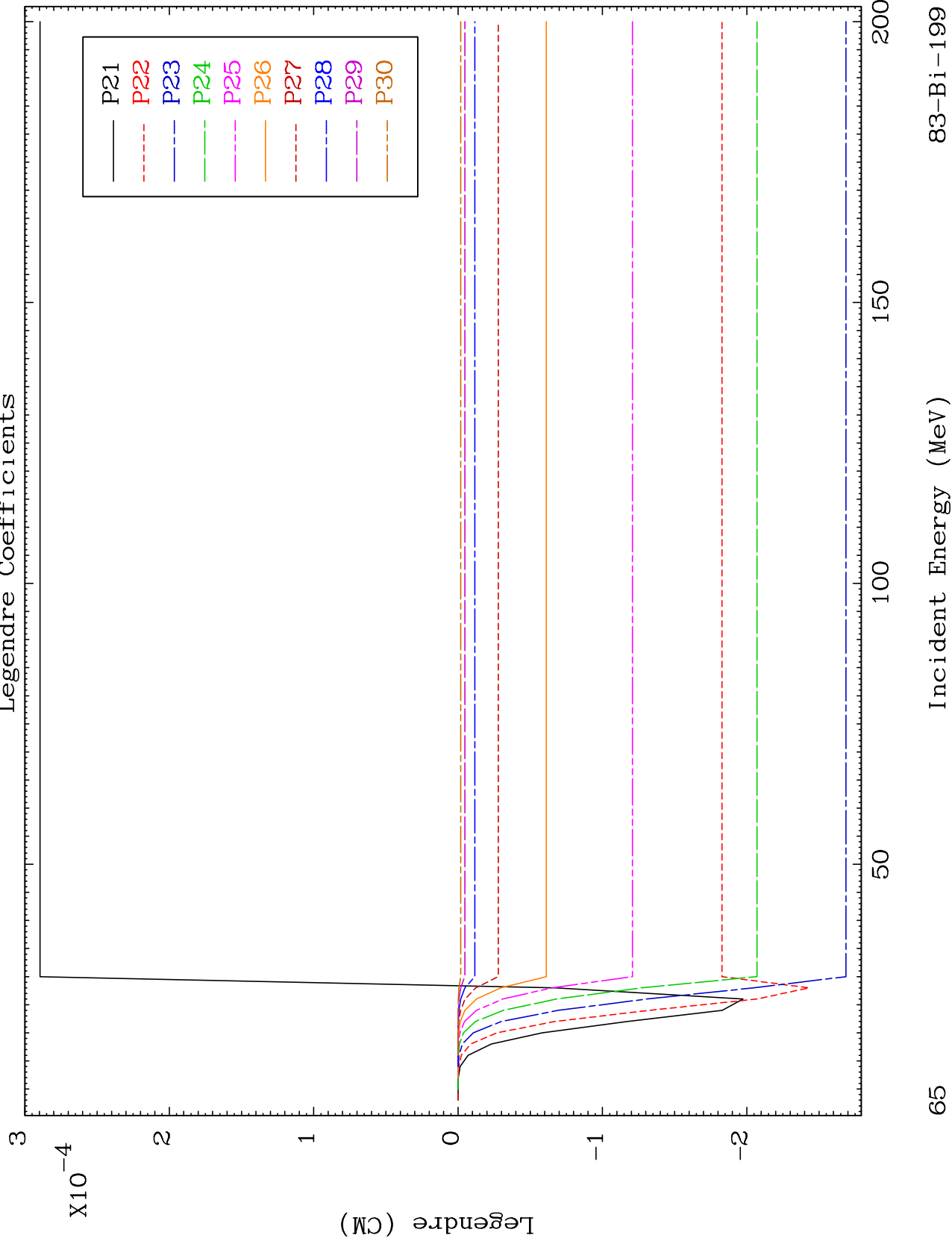
Incident Energy (MeV)

83-Bi-199

MAT 8295

MT= 62 (n,n') Level
Legendre Coefficients

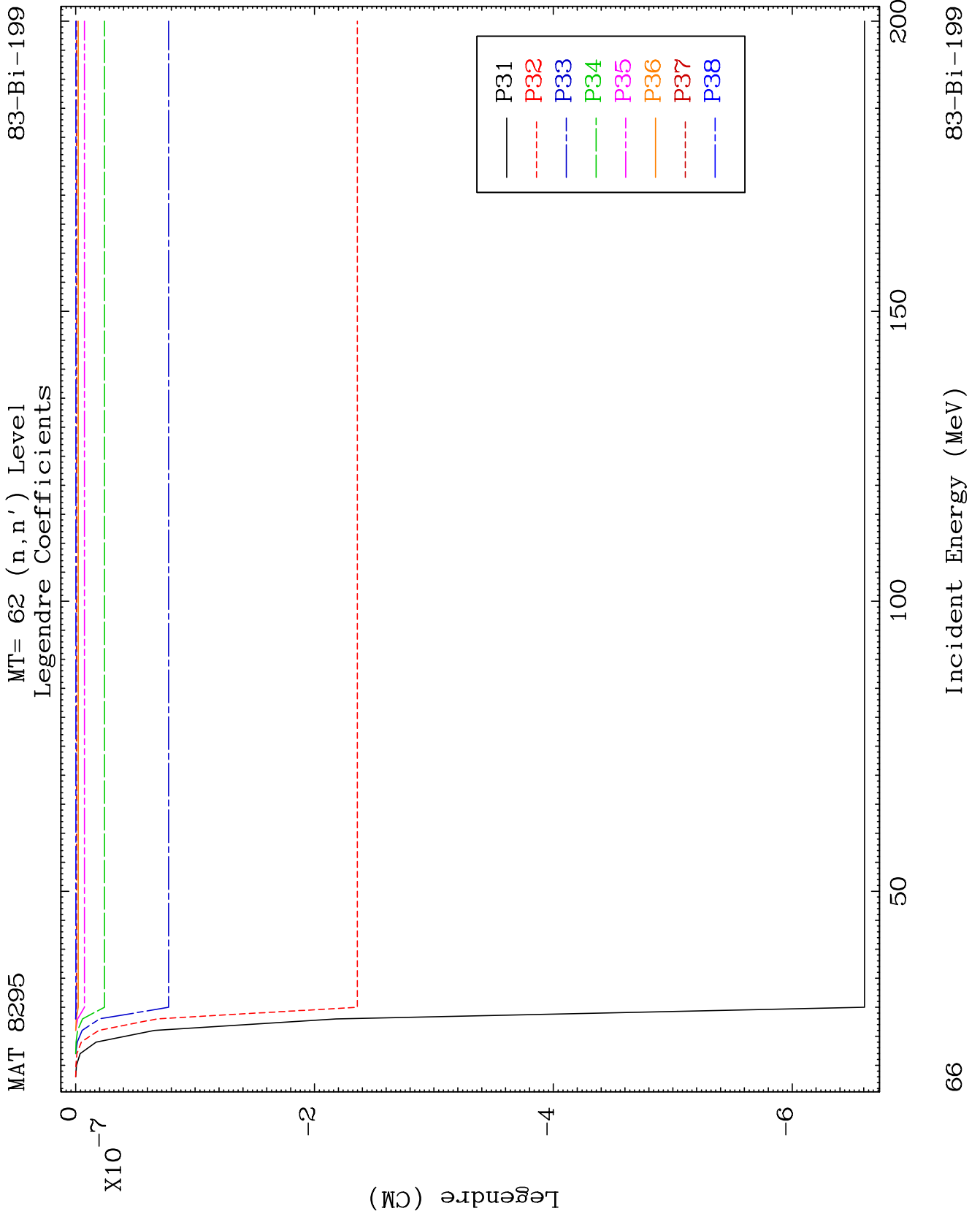
83-Bi-199



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Incident Energy (MeV)

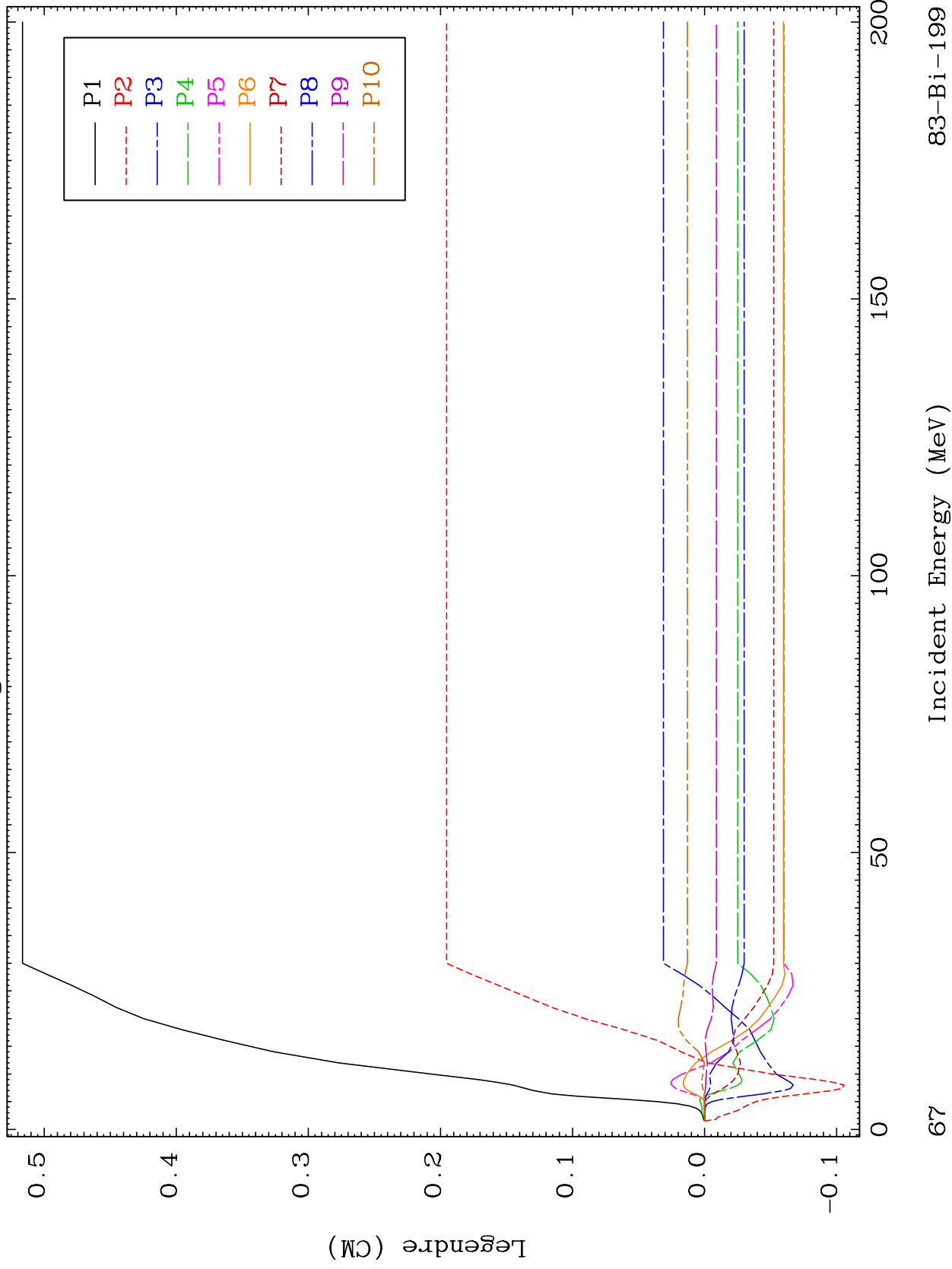
83-Bi-199



MAT 8295

MT= 63 (n,n') Level
Legendre Coefficients

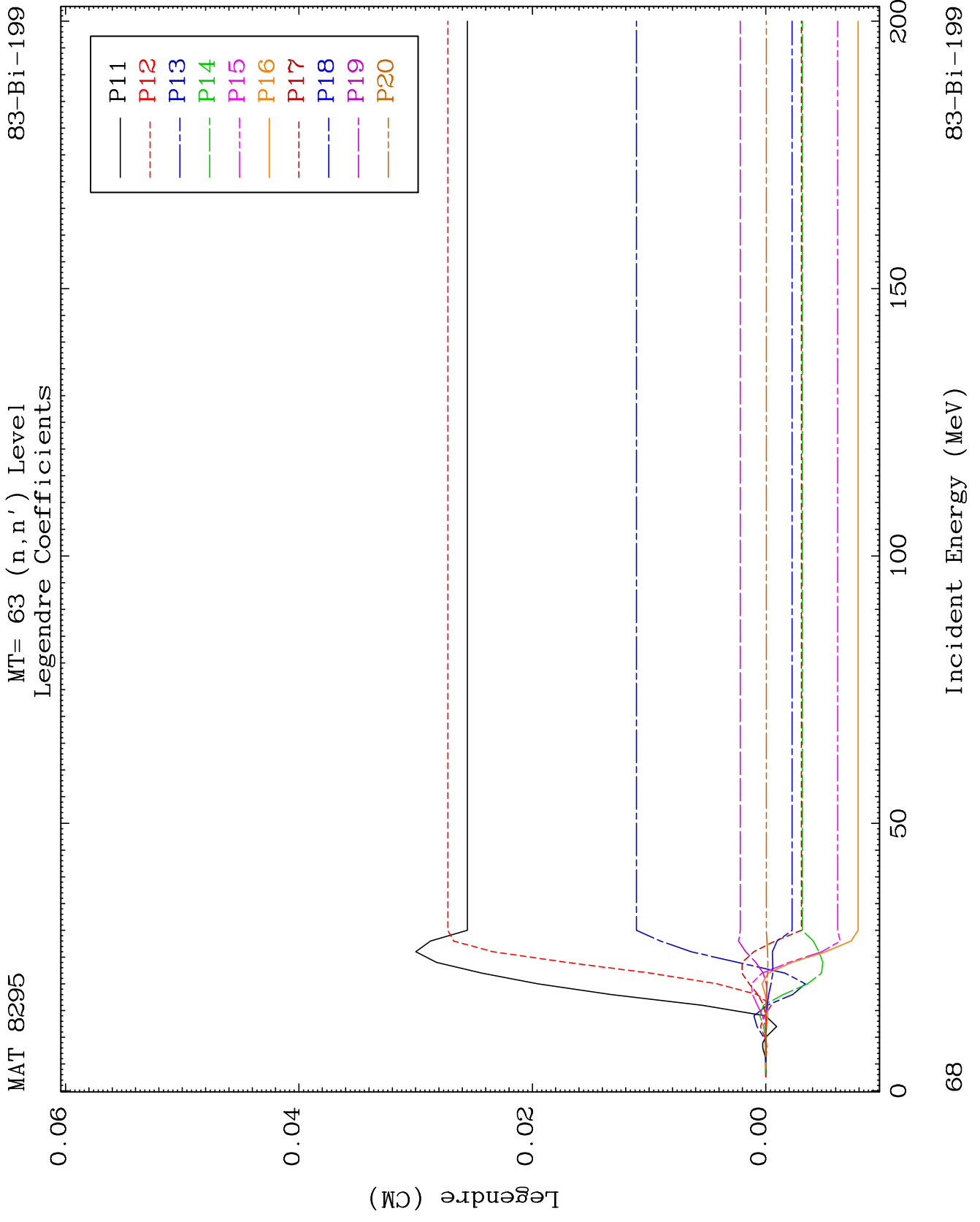
83-Bi-199



83-Bi-199

Incident Energy (MeV)

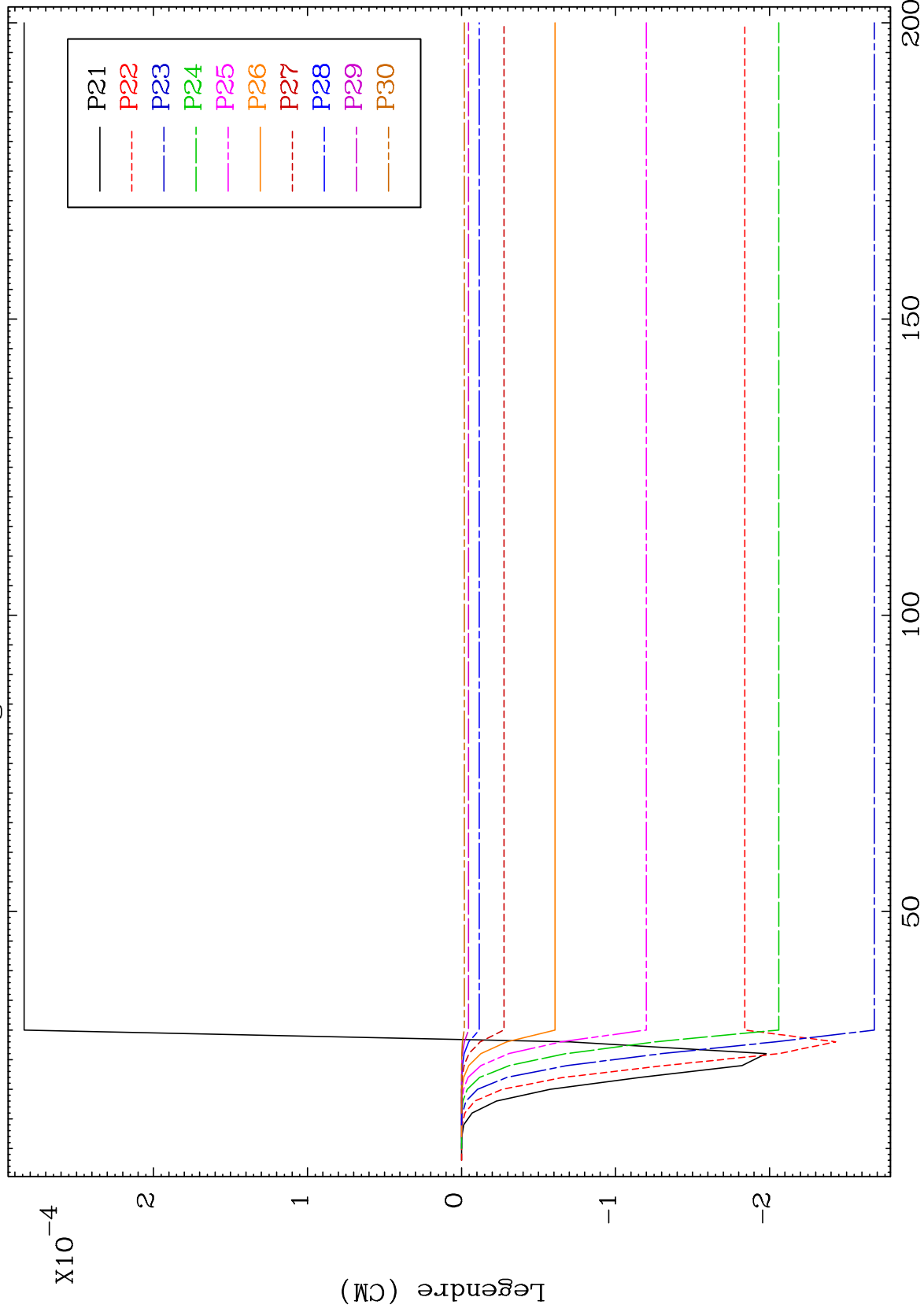
67



MAT 8295

MT= 63 (n,n') Level
Legendre Coefficients

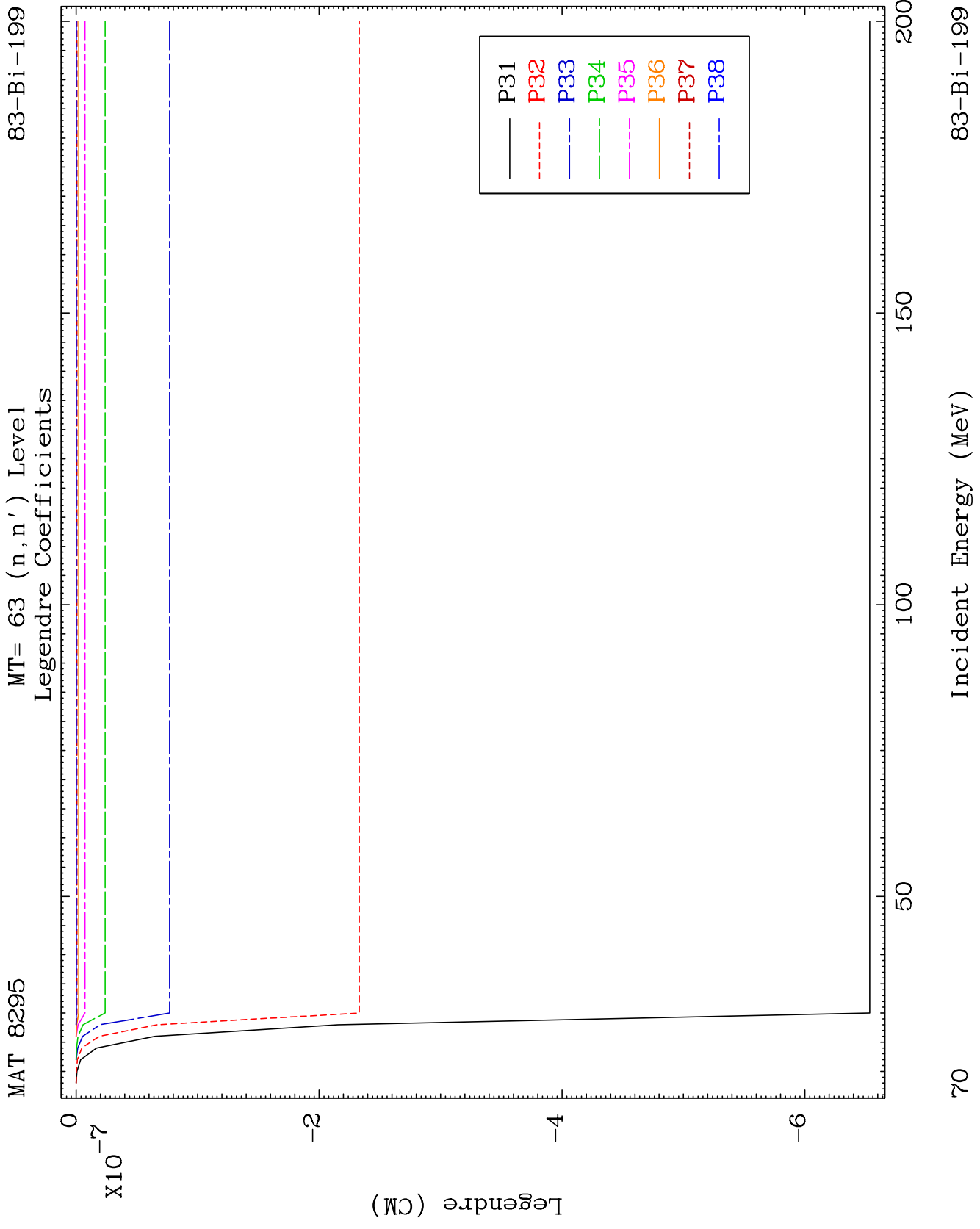
83-Bi-199



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Incident Energy (MeV)

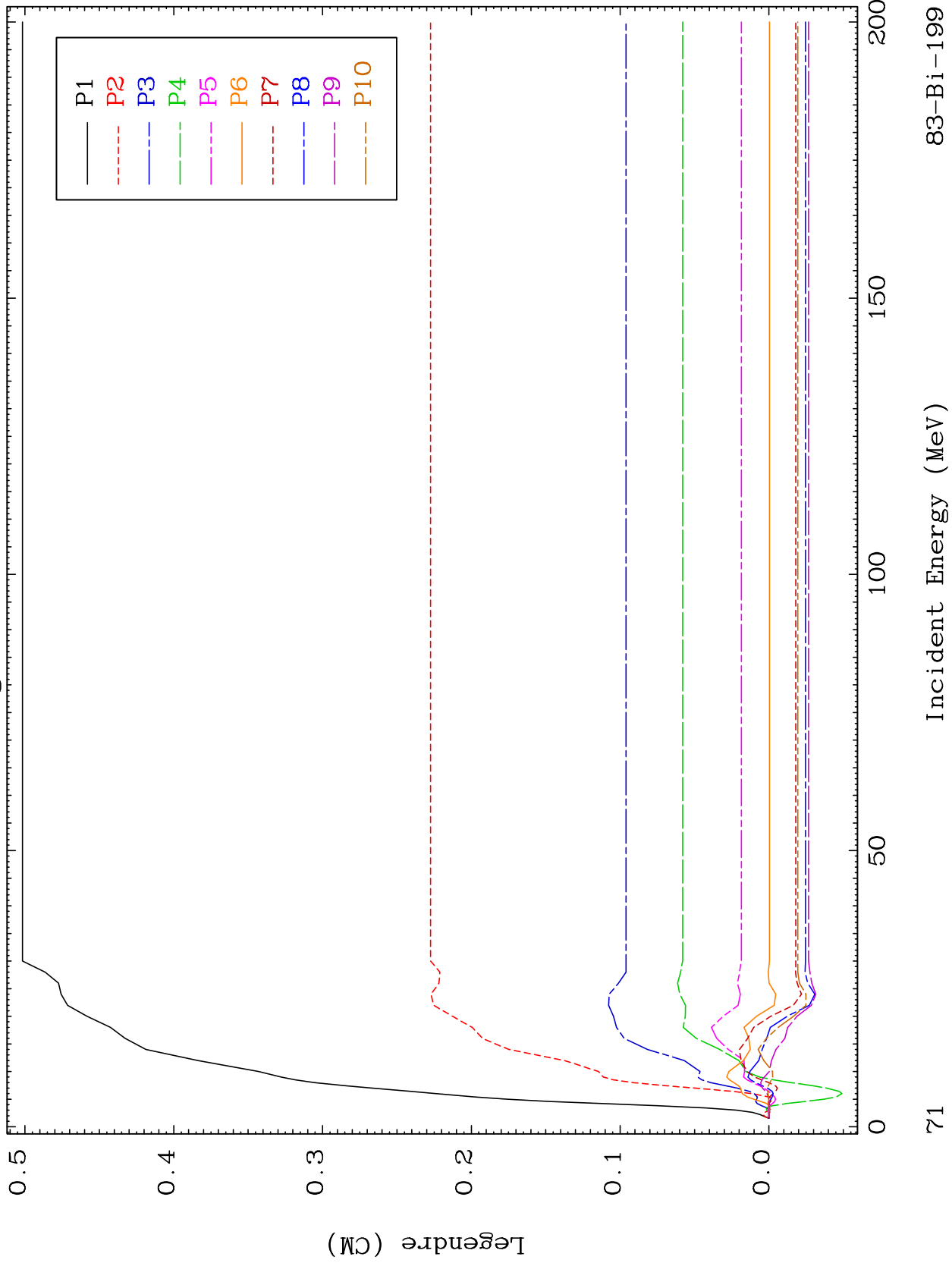
83-Bi-199



MAT 8295

MT= 64 (n,n') Level
Legendre Coefficients

83-Bi-199



83-Bi-199

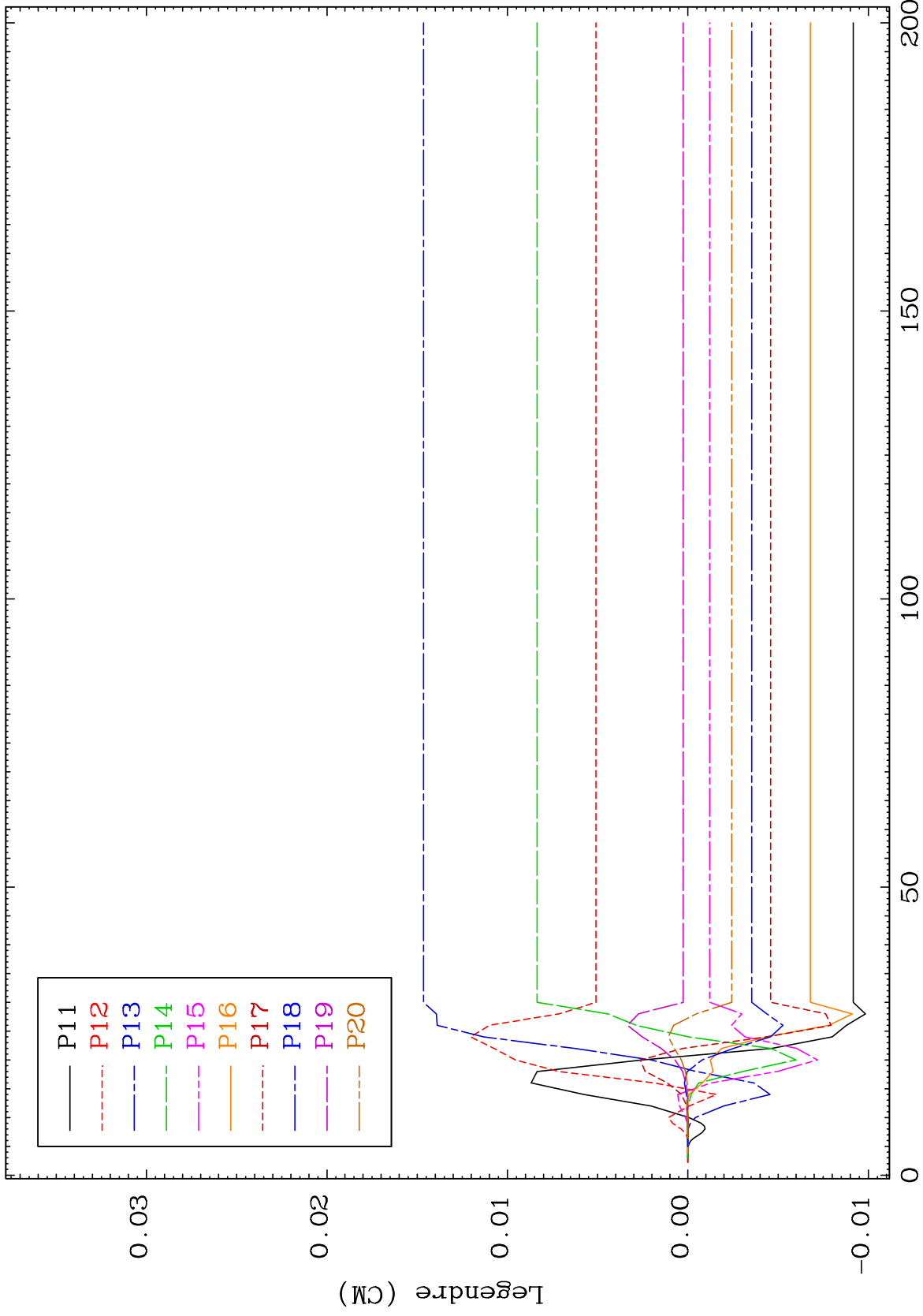
Incident Energy (MeV)

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MAT 8295

MT= 64 (n,n') Level
Legendre Coefficients

83-Bi-199



72

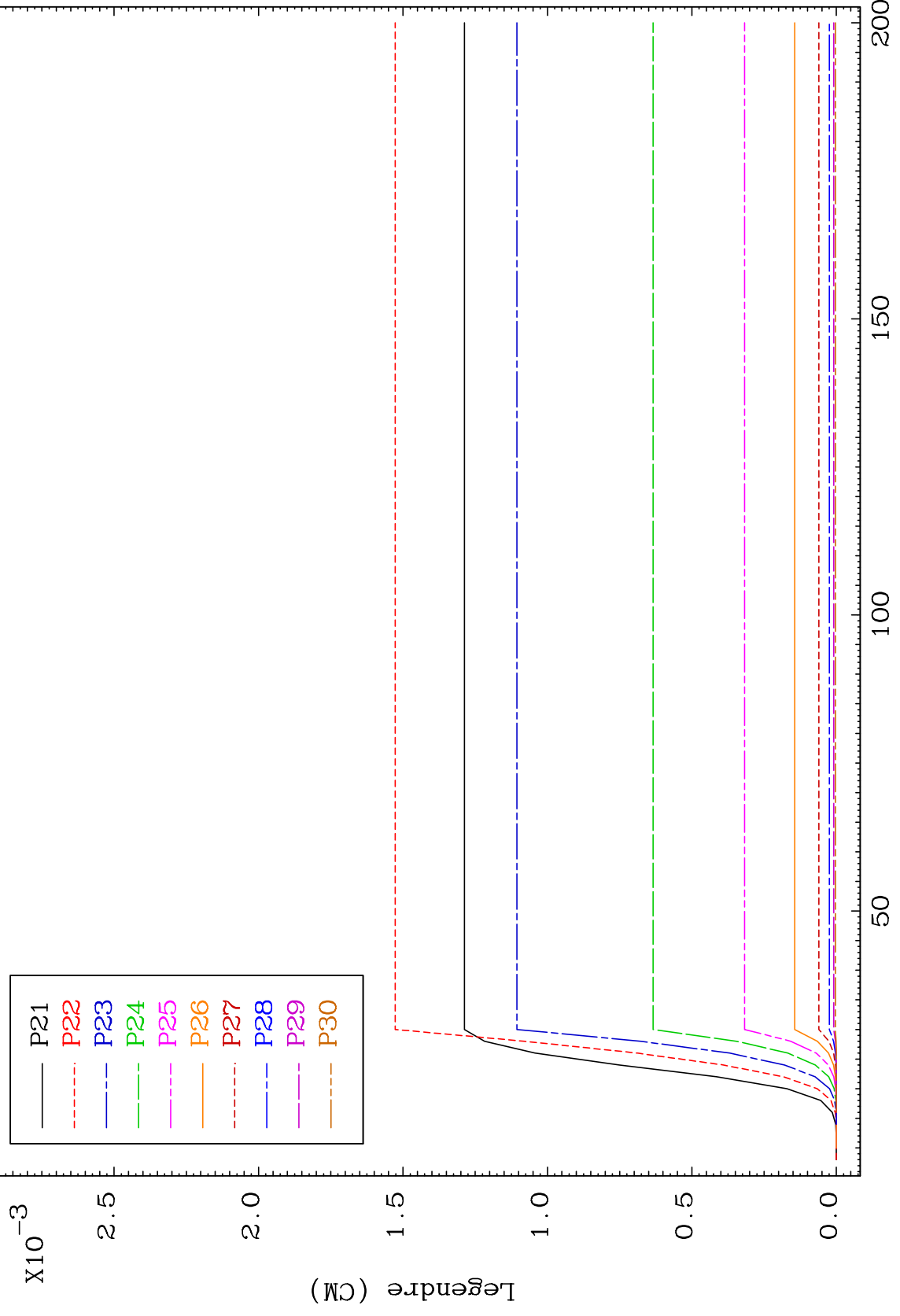
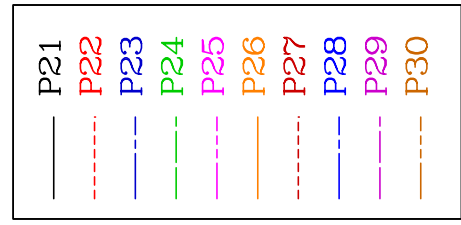
Incident Energy (MeV)

83-Bi-199

MAT 8295

MT= 64 (n,n') Level
Legendre Coefficients

83-Bi-199



73

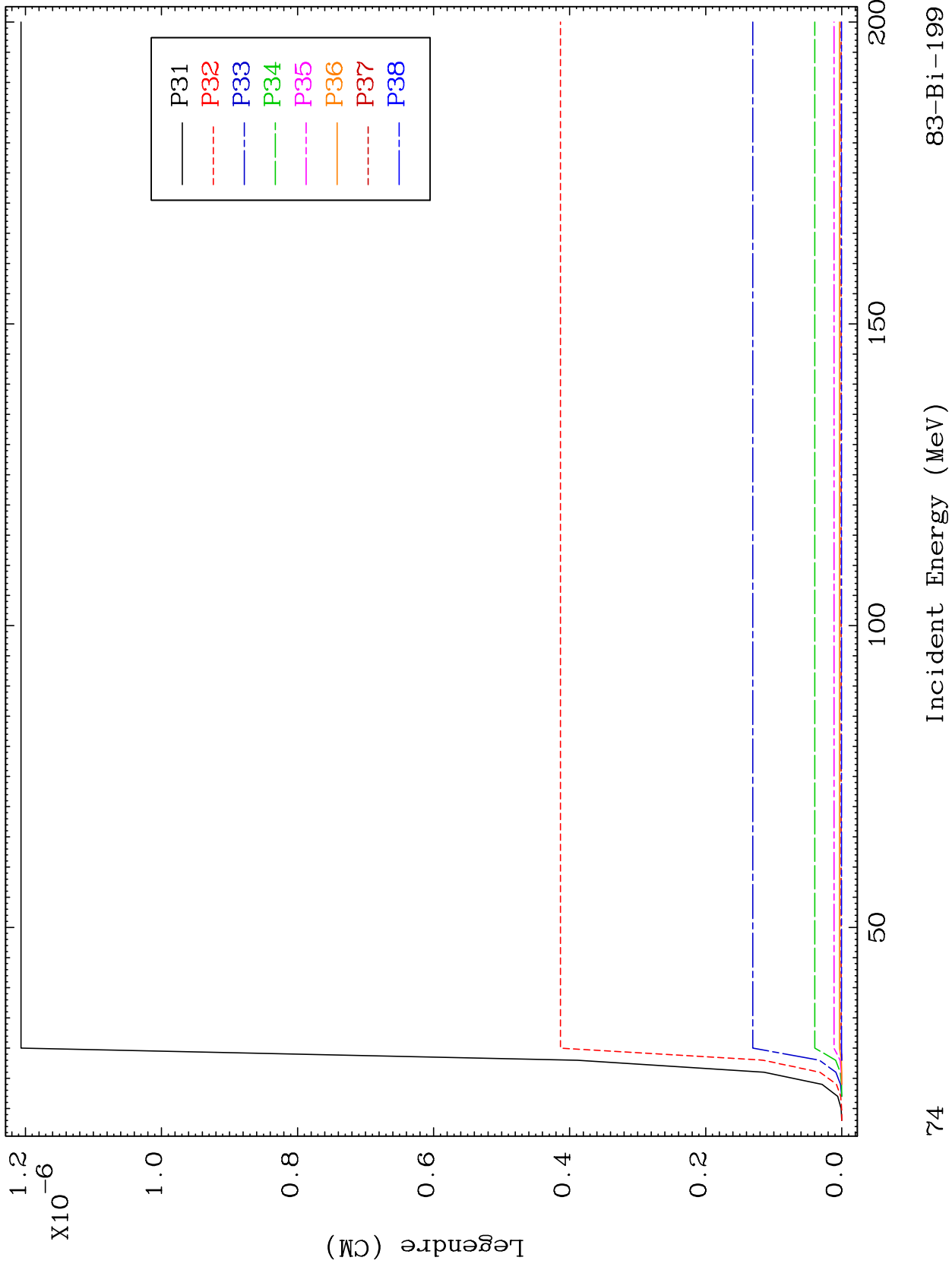
Incident Energy (MeV)

83-Bi-199

MAT 8295

MT= 64 (n,n') Level
Legendre Coefficients

83-Bi-199

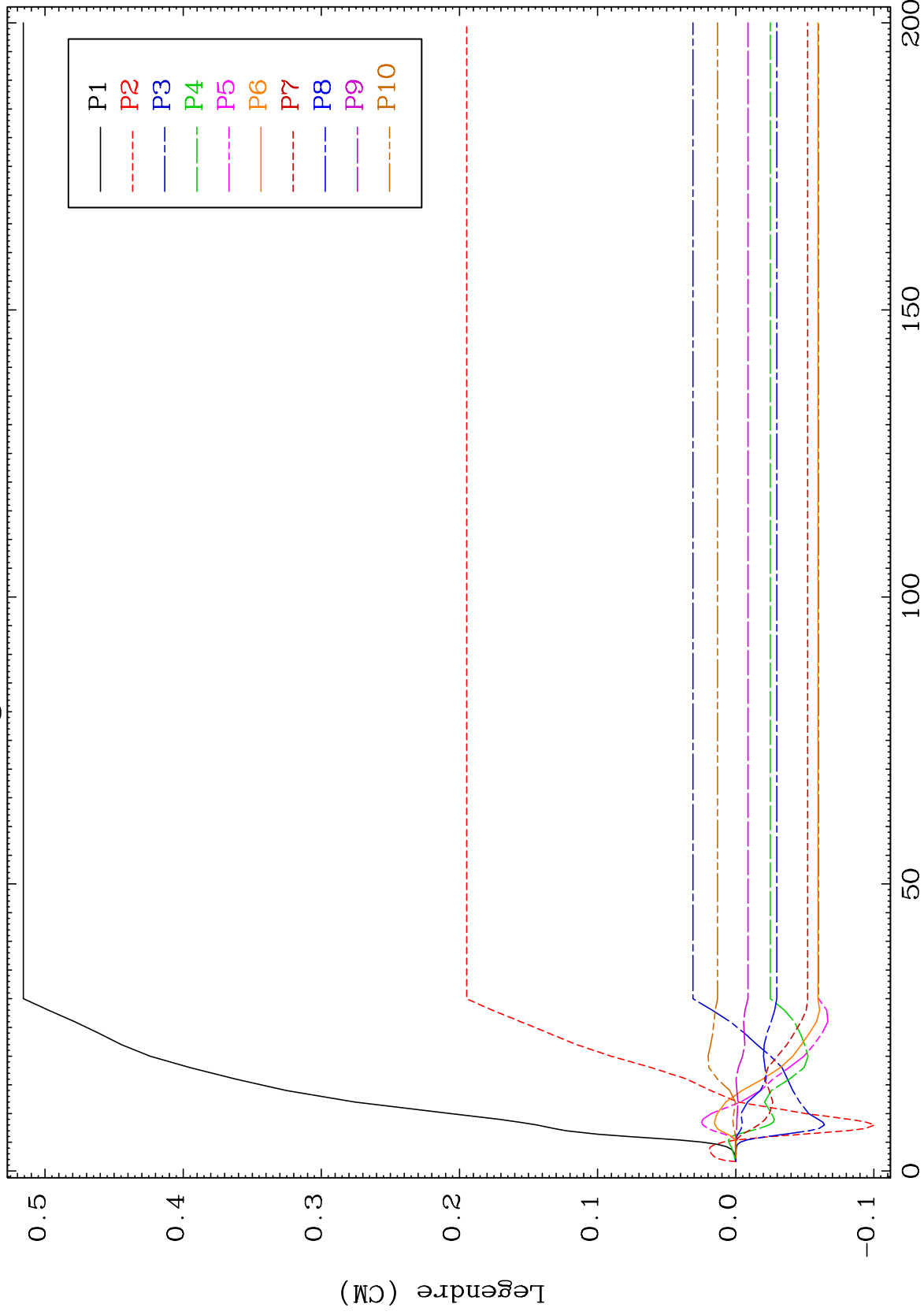


74

MAT 8295

MT= 65 (n,n') Level
Legendre Coefficients

83-Bi-199



75

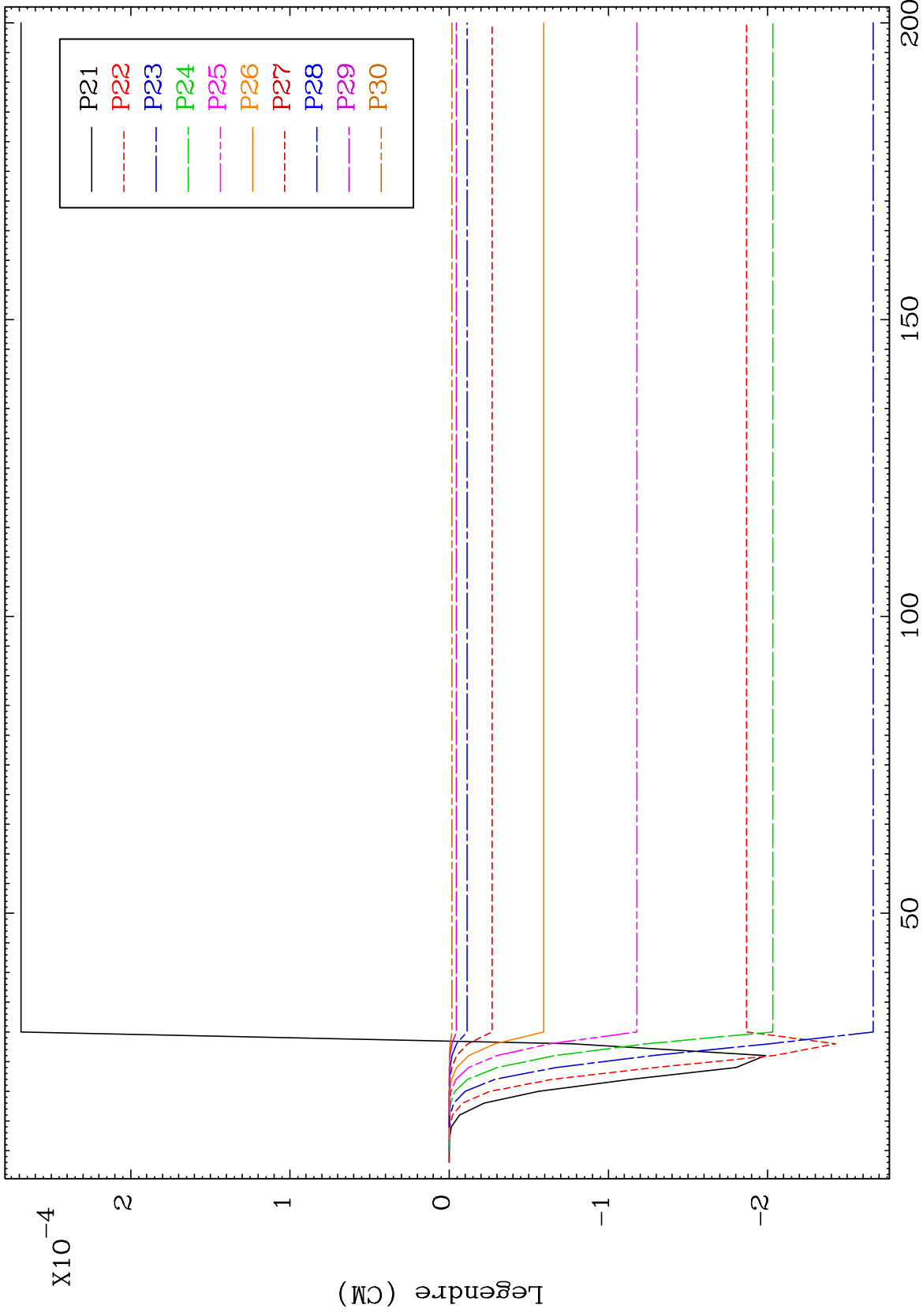
Incident Energy (MeV)

83-Bi-199

MAT 8295

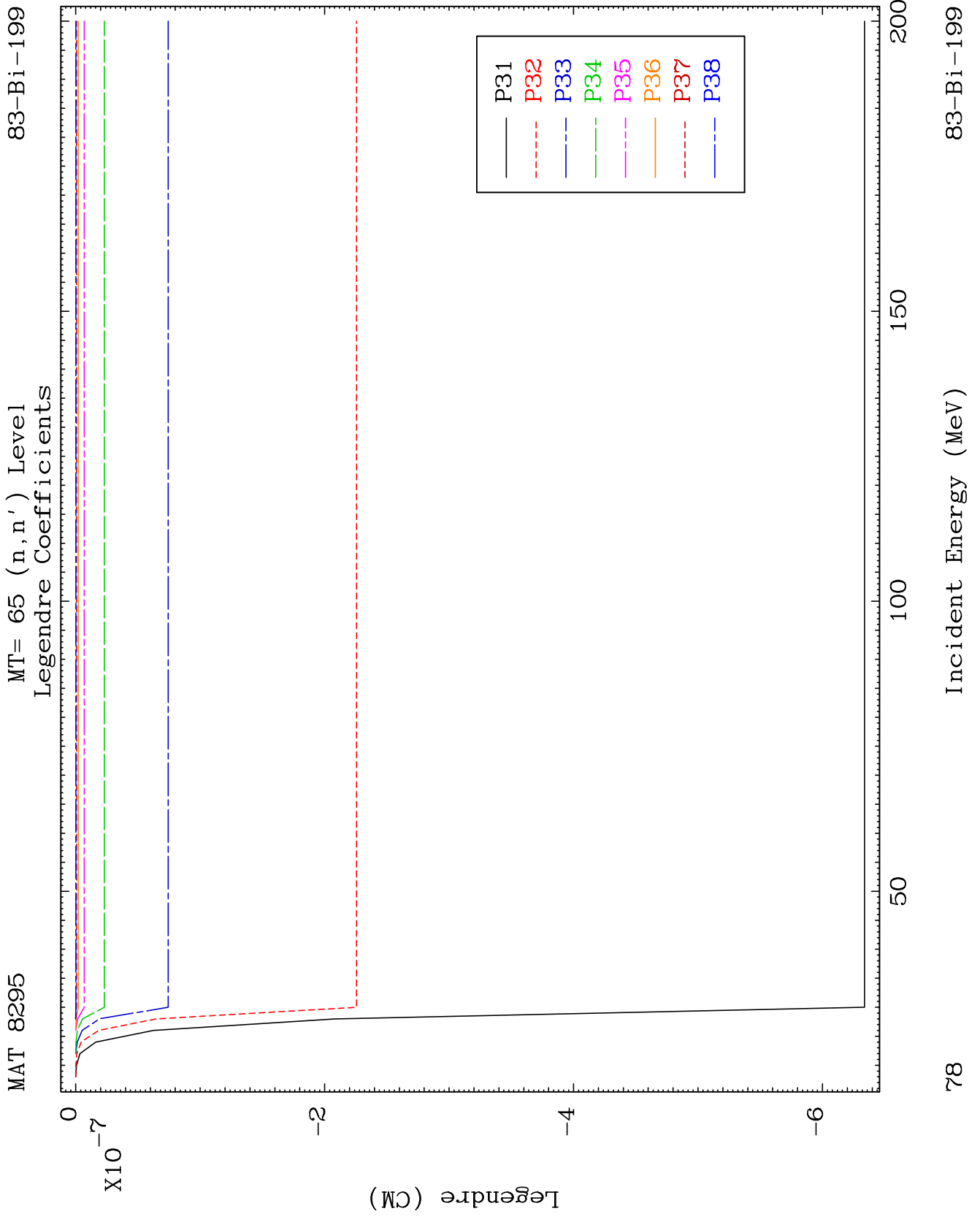
MT= 65 (n,n') Level
Legendre Coefficients

83-Bi-199



77

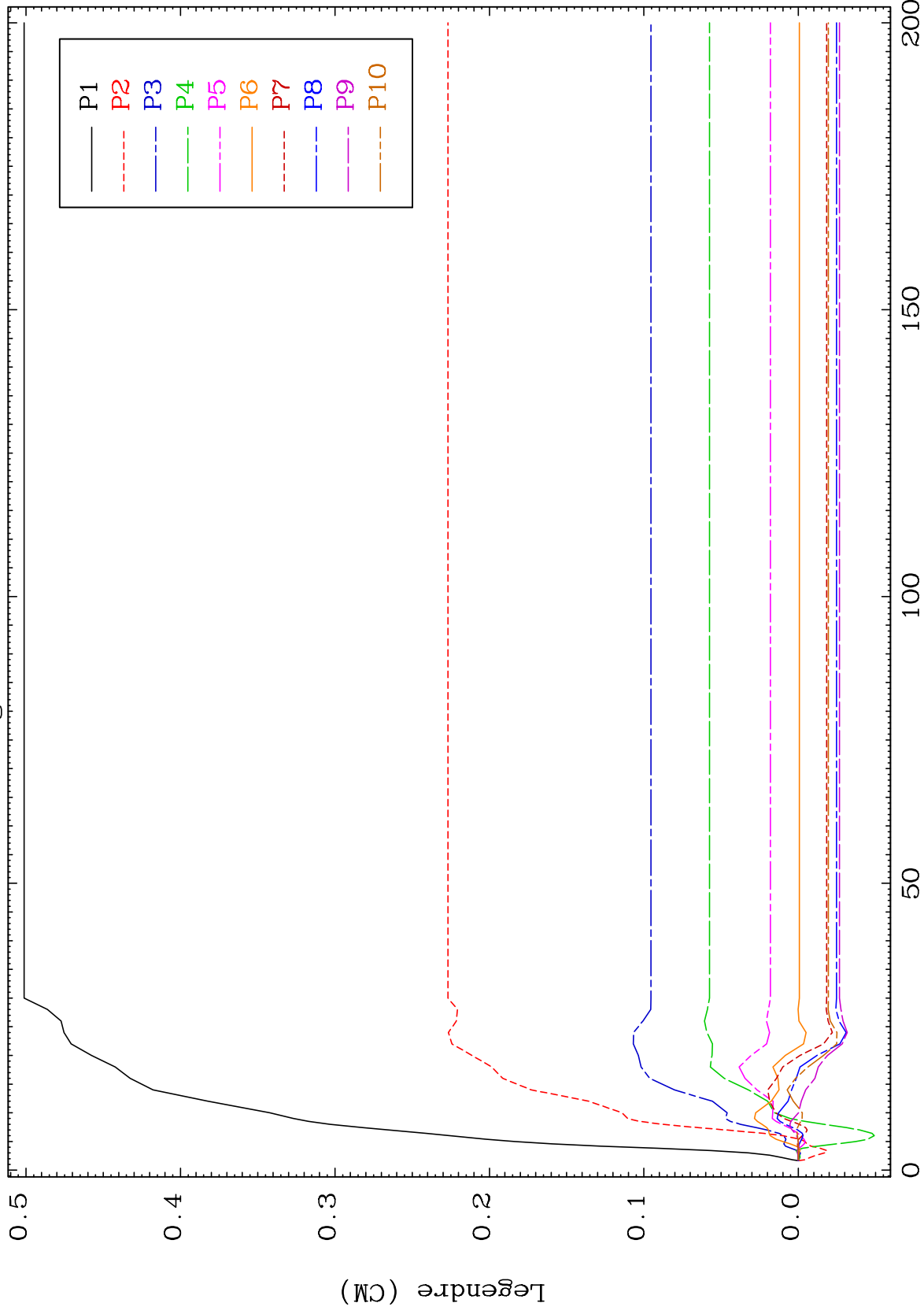
83-Bi-199



MAT 8295

MT= 66 (n,n') Level
Legendre Coefficients

83-Bi-199



79

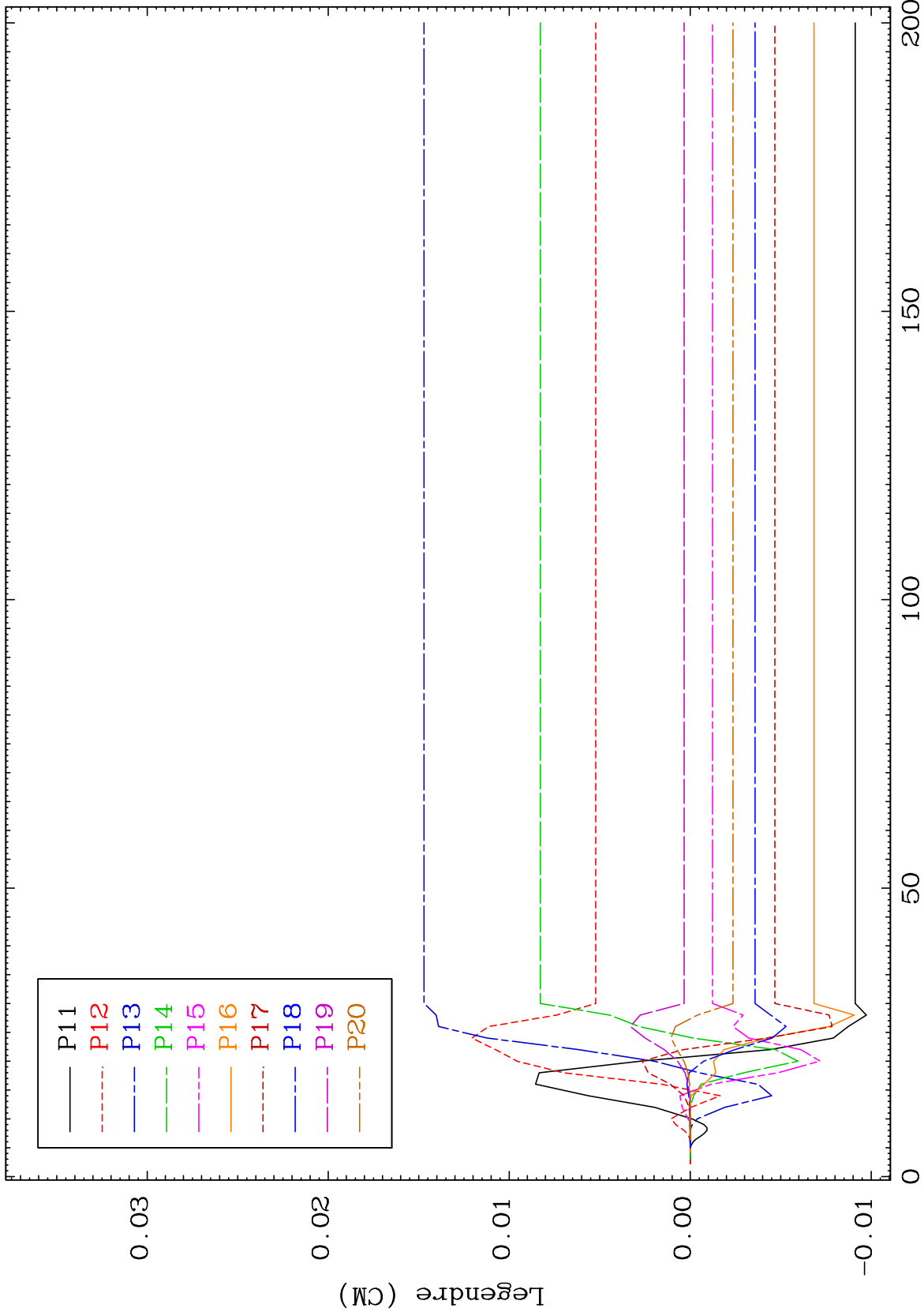
Incident Energy (MeV)

83-Bi-199

MAT 8295

MT= 66 (n,n') Level
Legendre Coefficients

83-Bi-199



80

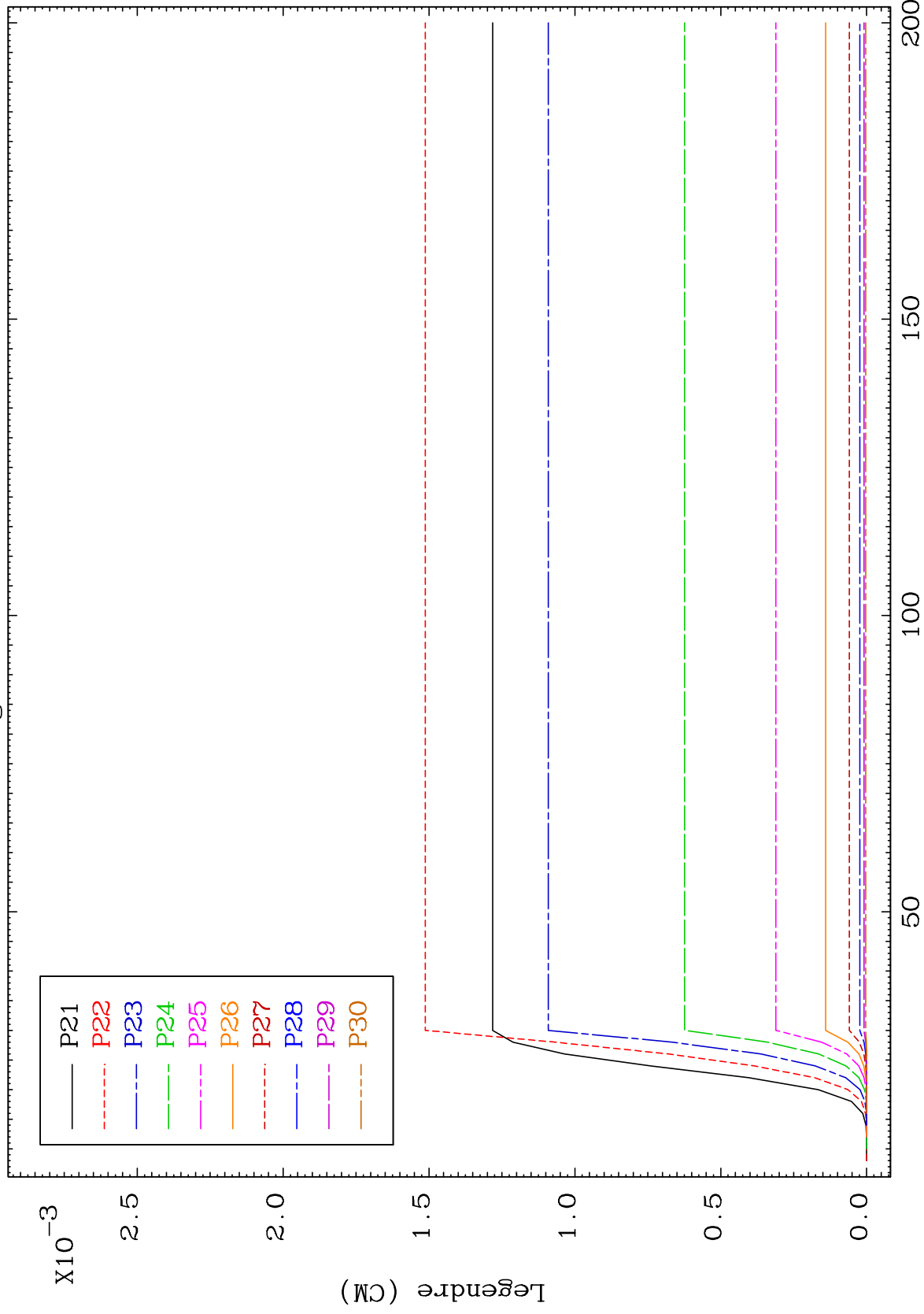
Incident Energy (MeV)

83-Bi-199

MAT 8295

MT= 66 (n,n') Level
Legendre Coefficients

83-Bi-199



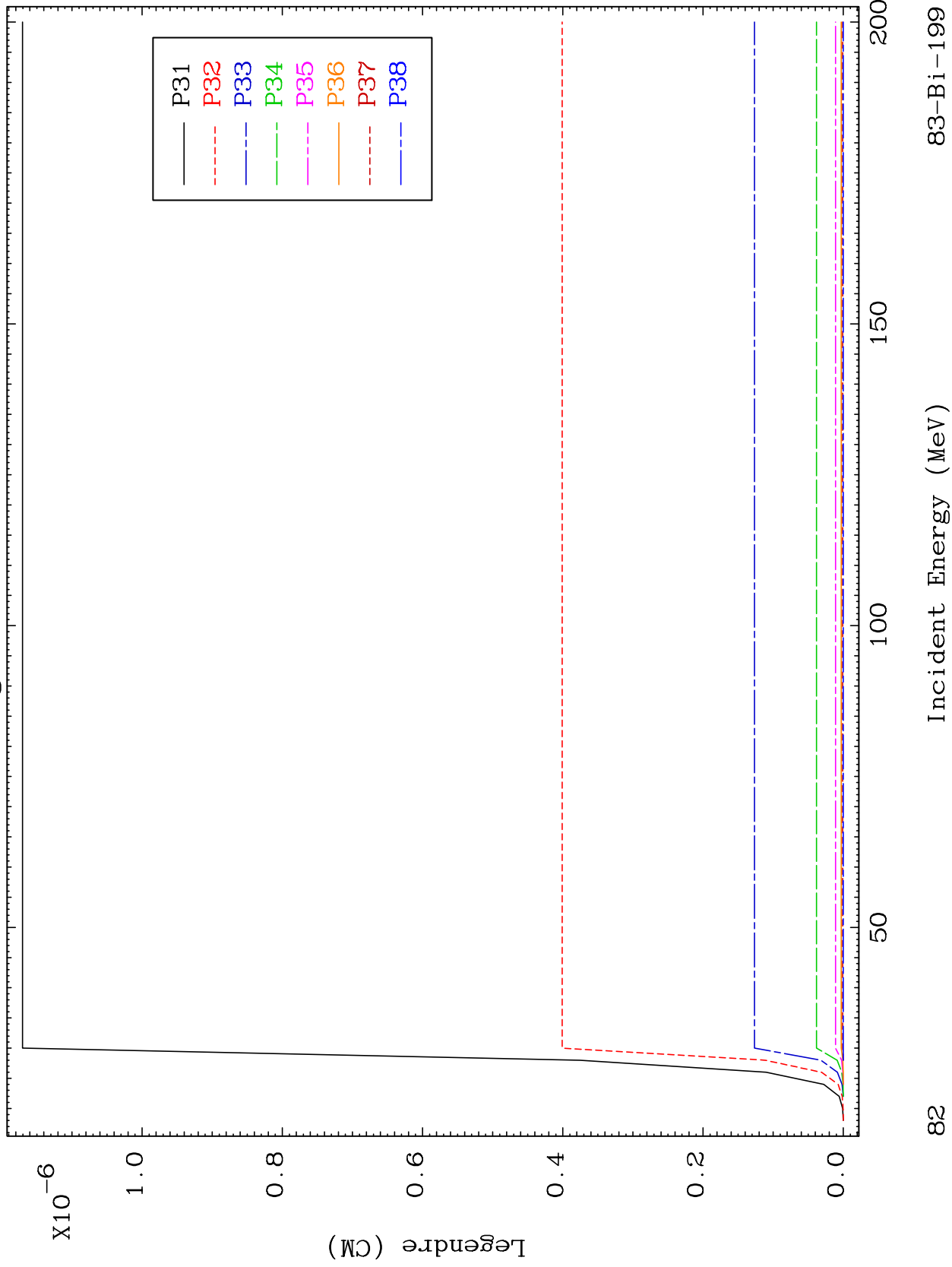
81

83-Bi-199

MAT 8295

MT= 66 (n,n') Level
Legendre Coefficients

83-Bi-199



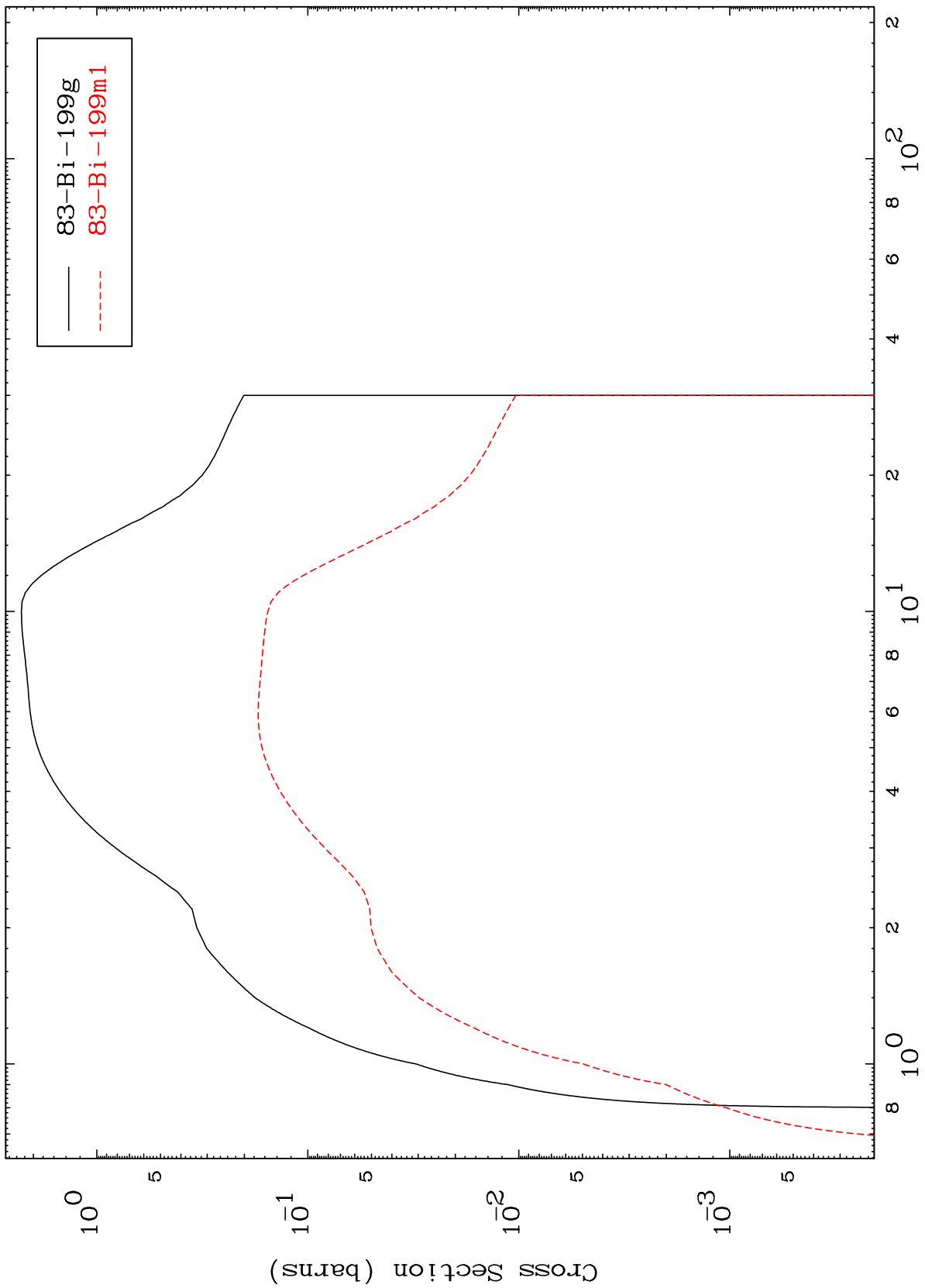
82

83-Bi-199

MAT 8295

83-Bi-199

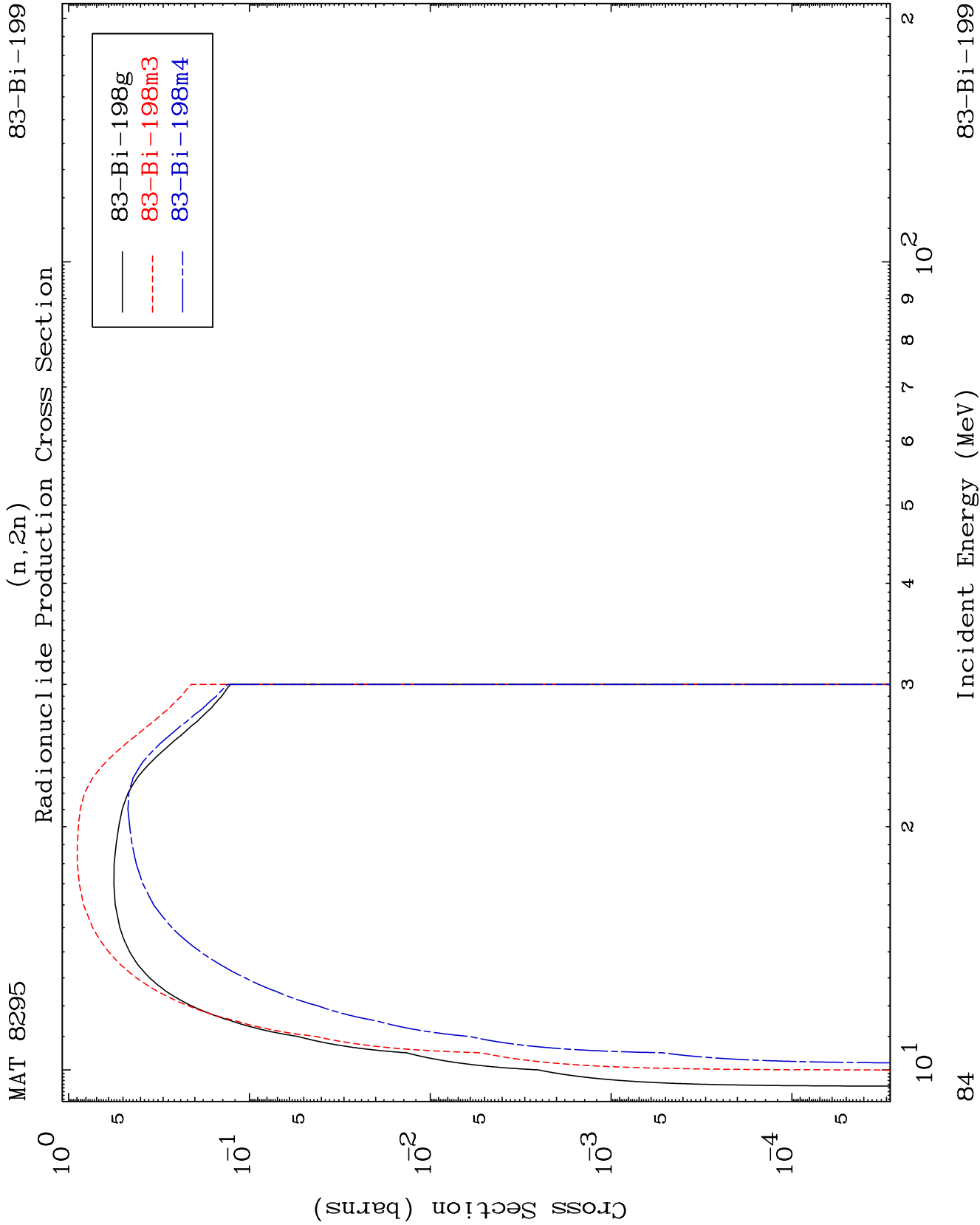
Inelastic
Radionuclide Production Cross Section



83

Incident Energy (MeV)

83-Bi-199

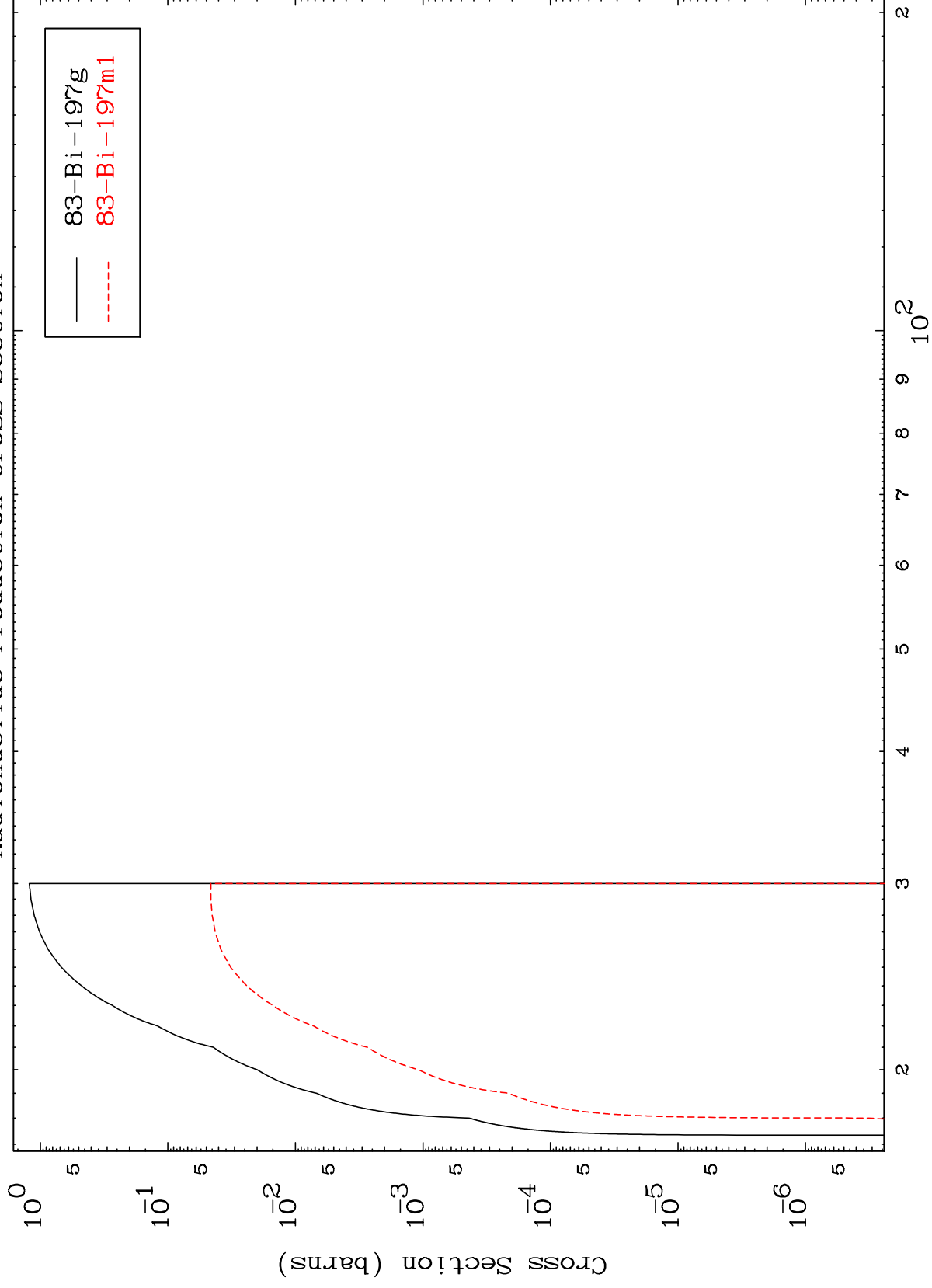


MAT 8295

(n,3n)

83-Bi-199

Radionuclide Production Cross Section



85

Incident Energy (MeV)

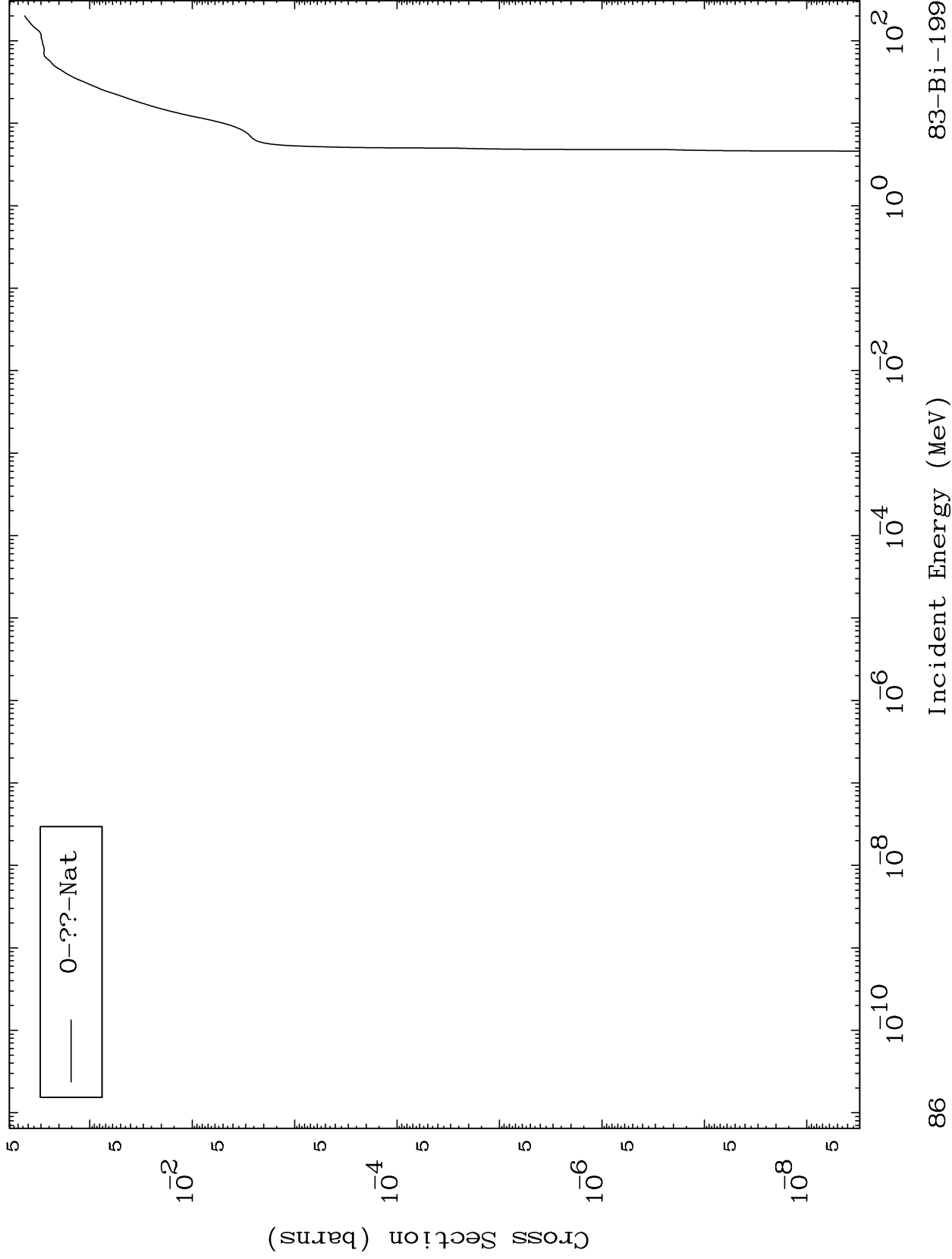
83-Bi-199

MAT 8295

Fission

83-Bi-199

Radionuclide Production Cross Section



86

Incident Energy (MeV)

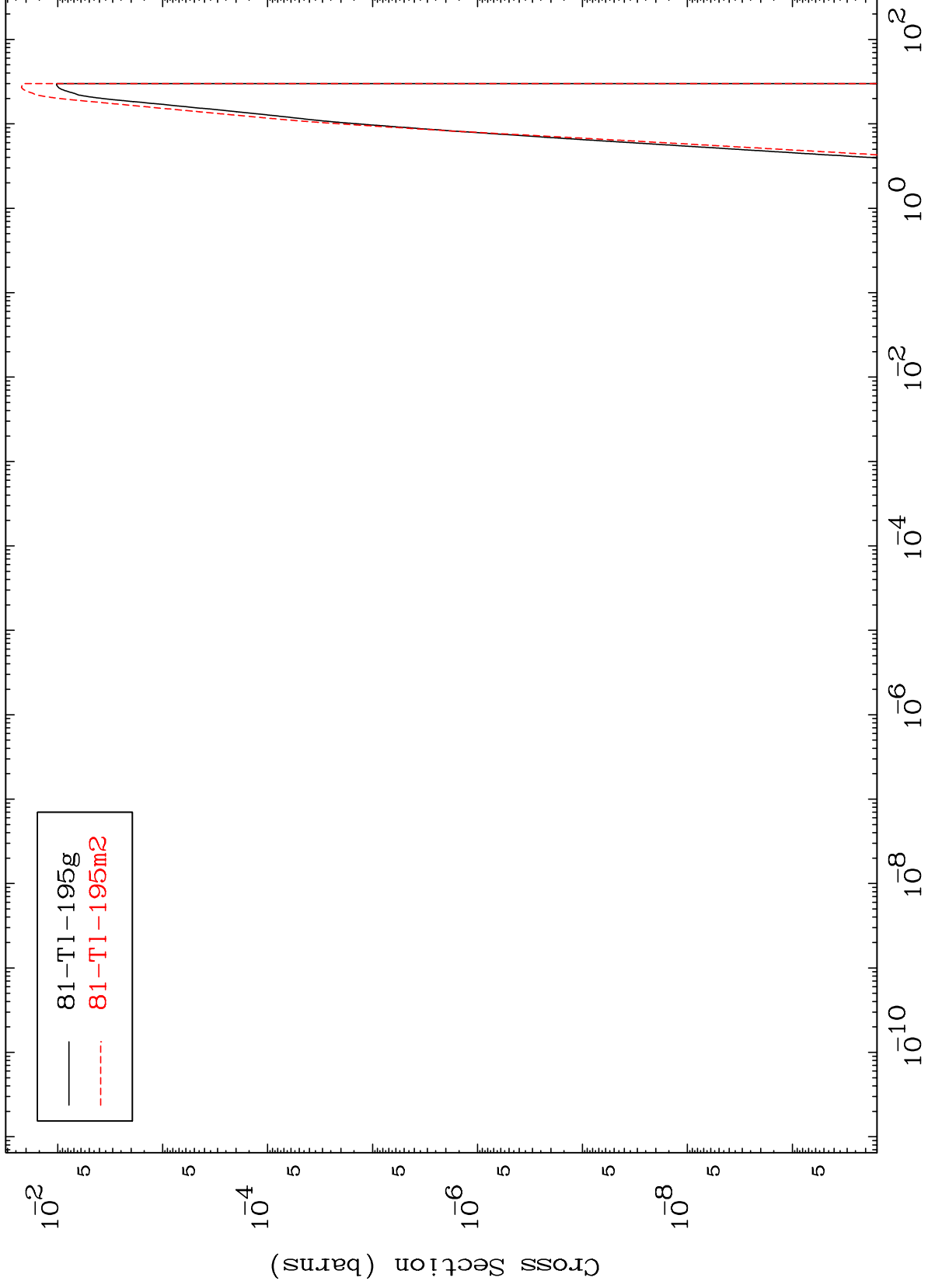
83-Bi-199

MAT 8295

$(n, n') \alpha$

83-Bi-199

Radionuclide Production Cross Section



87

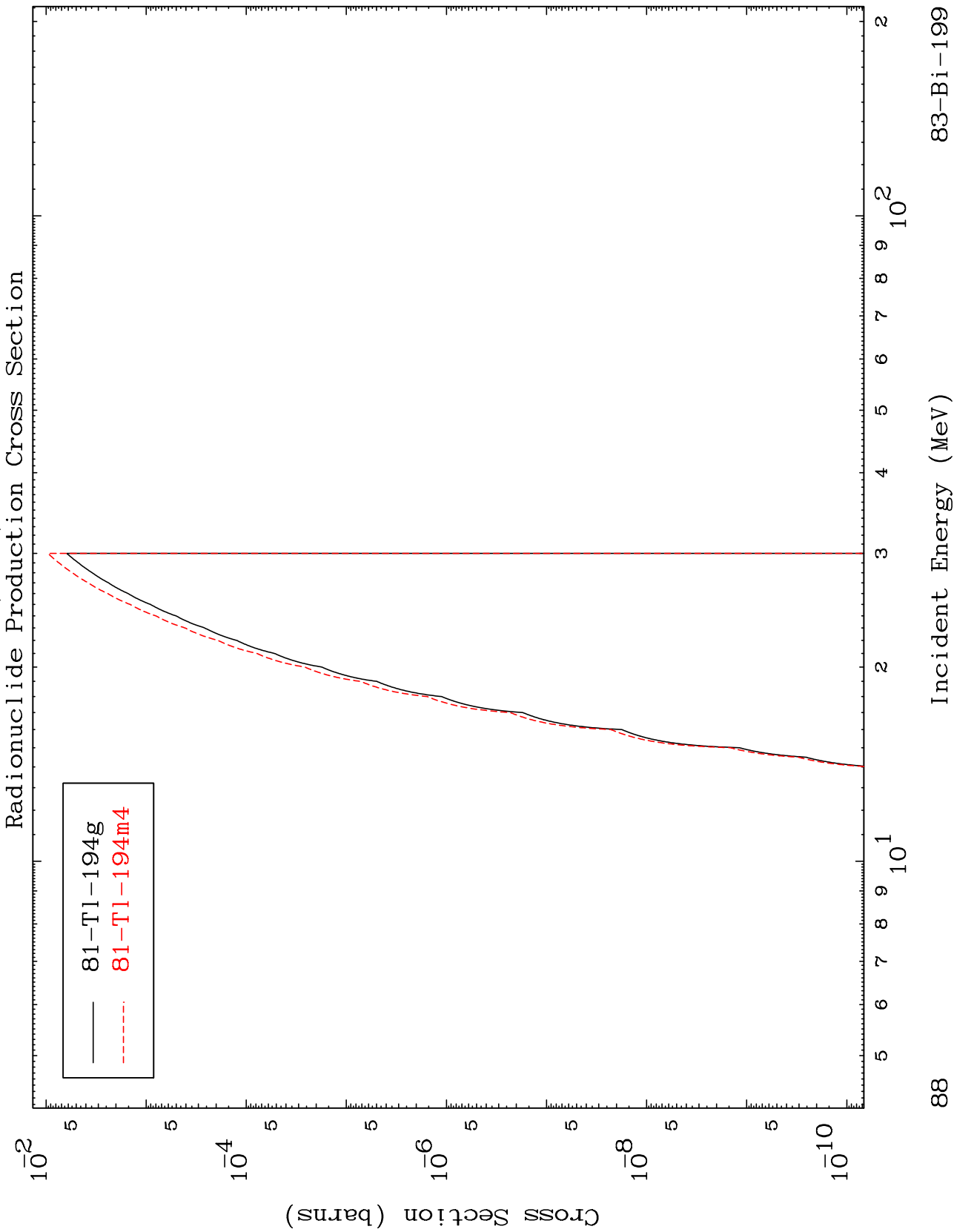
Incident Energy (MeV)

83-Bi-199

MAT 8295

(n,2n) α

83-Bi-199

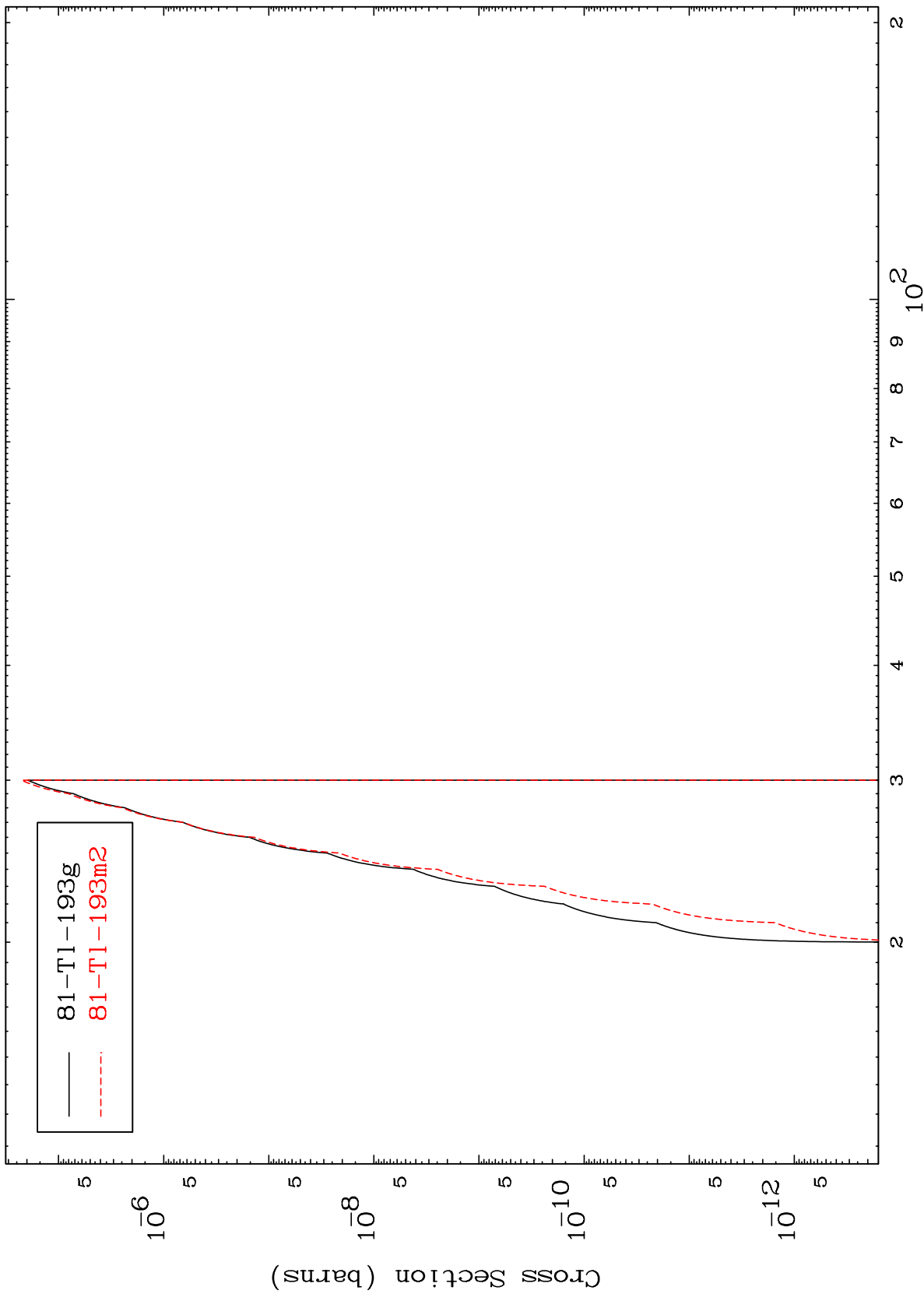


MAT 8295

$(n,3n) \alpha$

83-Bi-199

Radionuclide Production Cross Section



89

Incident Energy (MeV)

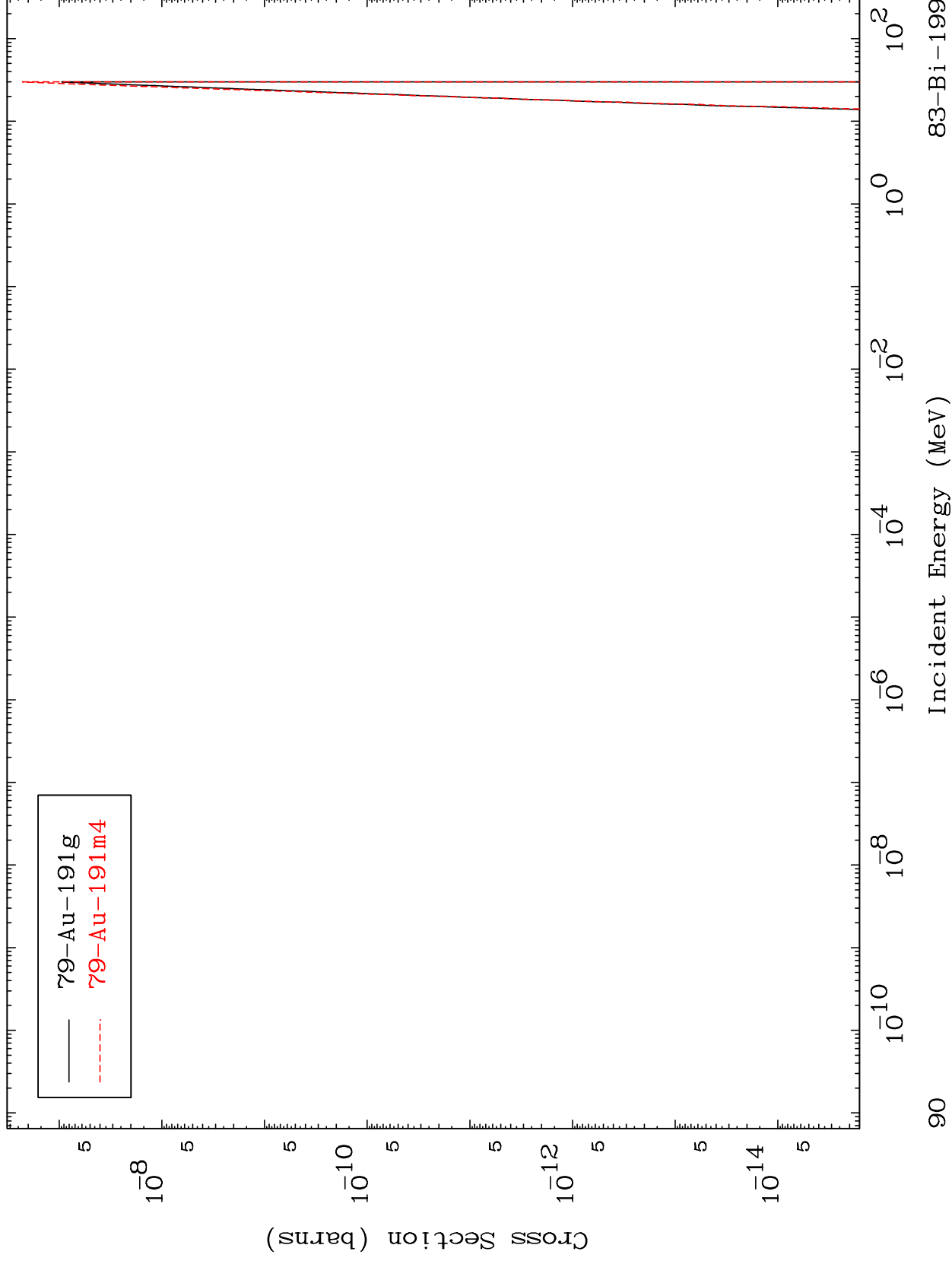
83-Bi-199

MAT 8295

(n,n') 2 α

83-Bi-199

Radionuclide Production Cross Section



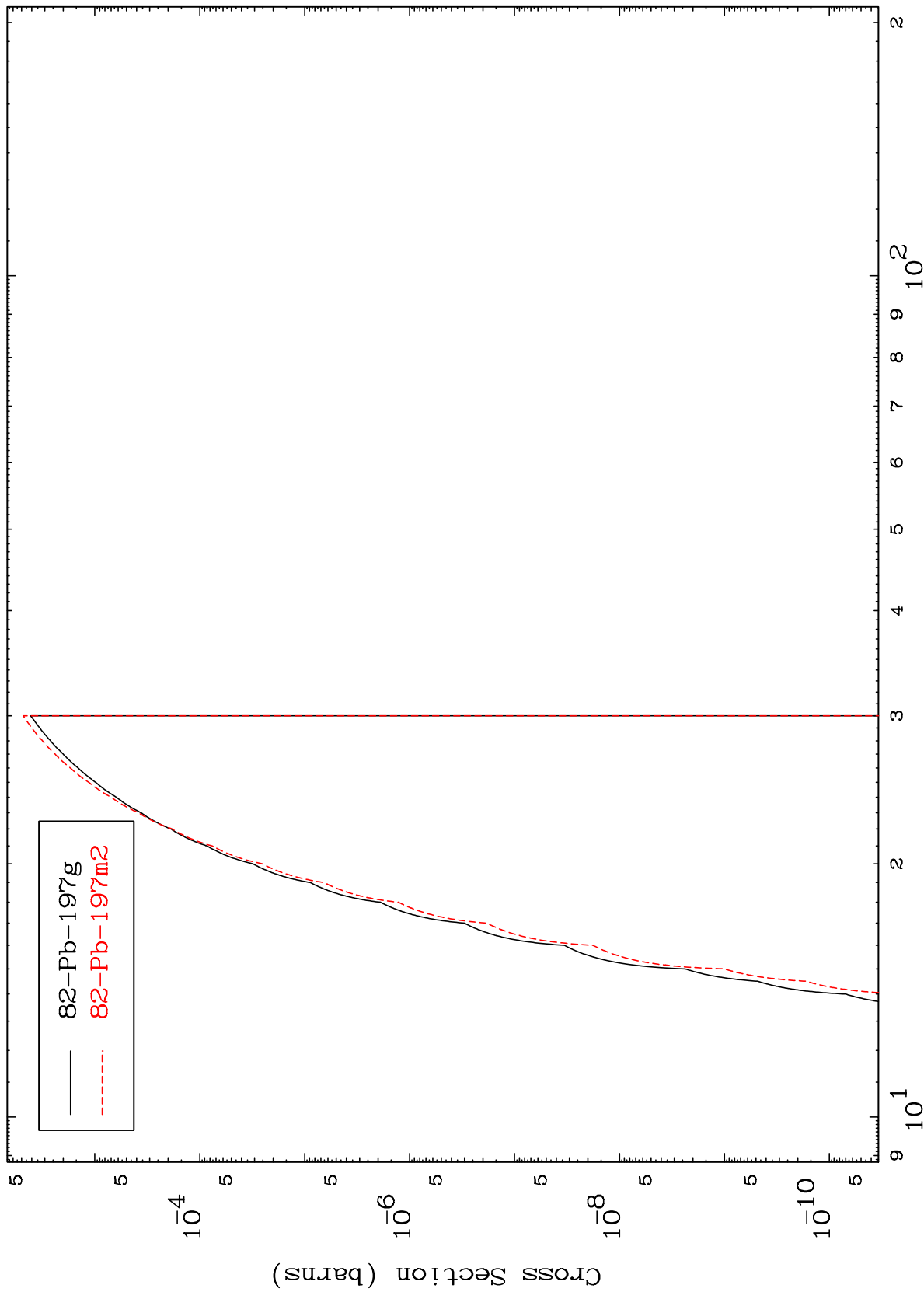
90

MAT 8295

(n,n') d

83-Bi-199

Radionuclide Production Cross Section



82-Pb-197g
82-Pb-197m2

91

Incident Energy (MeV)

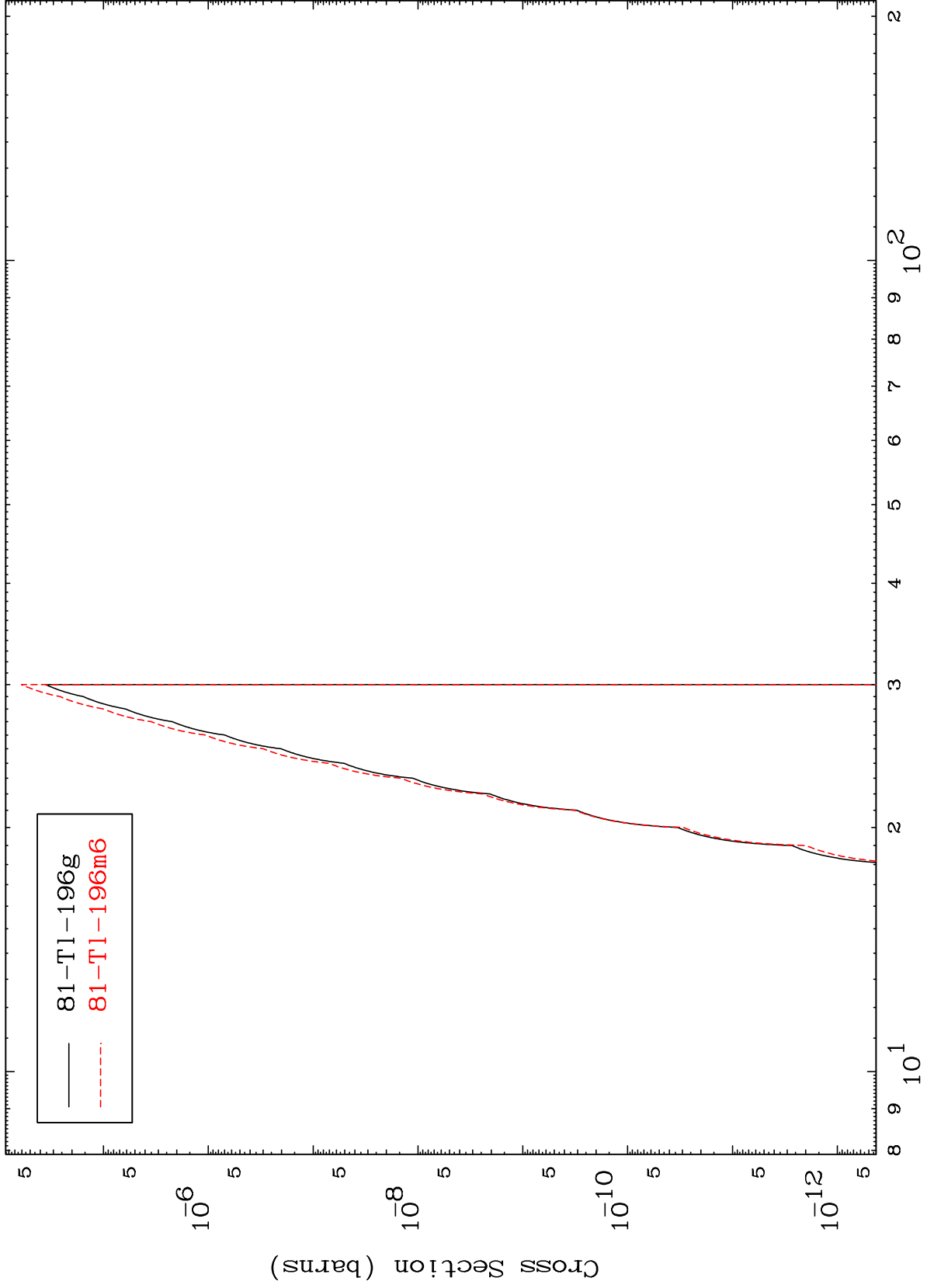
83-Bi-199

MAT 8295

(n,n') He-3

83-Bi-199

Radionuclide Production Cross Section



92

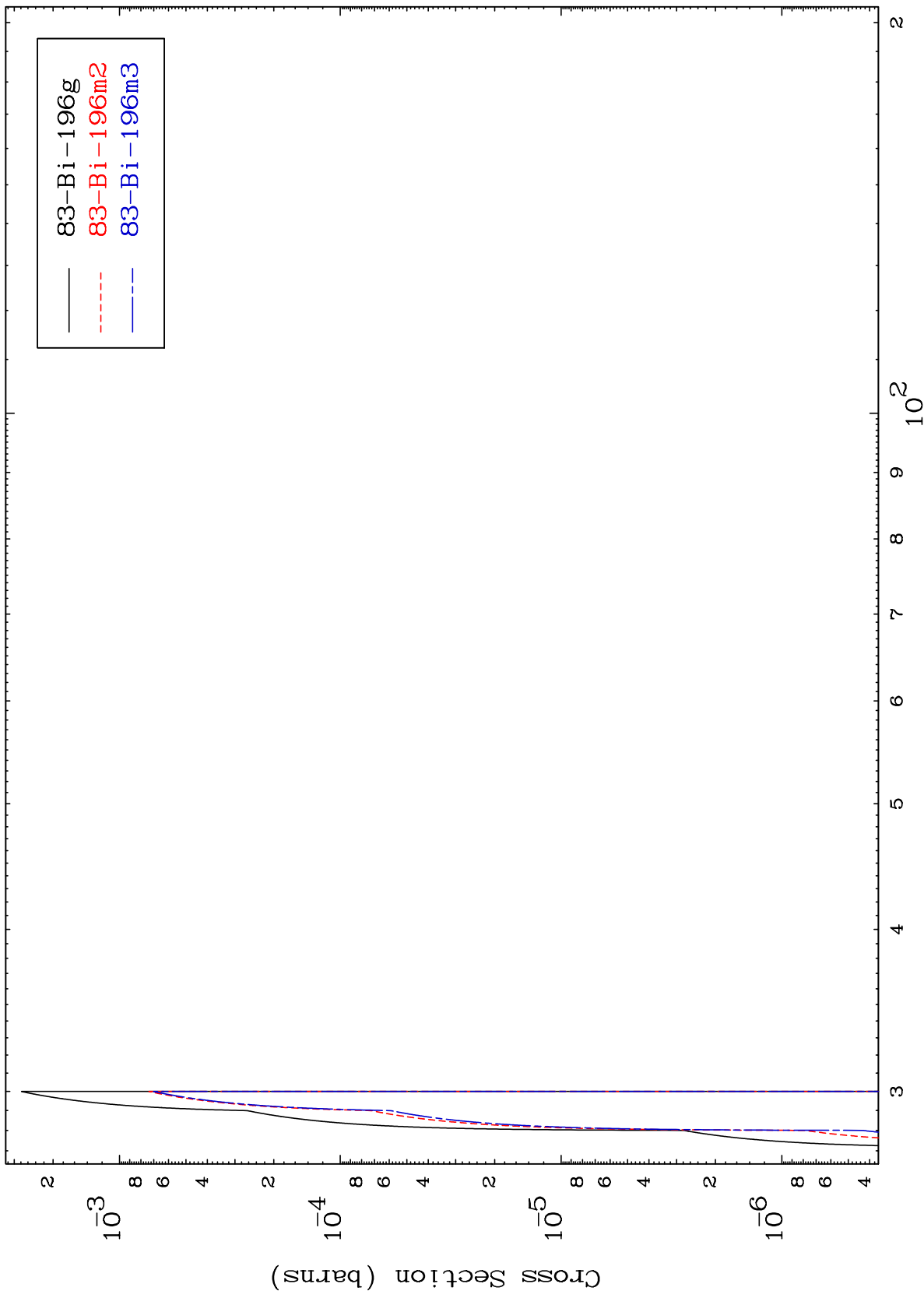
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

(n,4n)
Radionuclide Production Cross Section



93

83-Bi-199

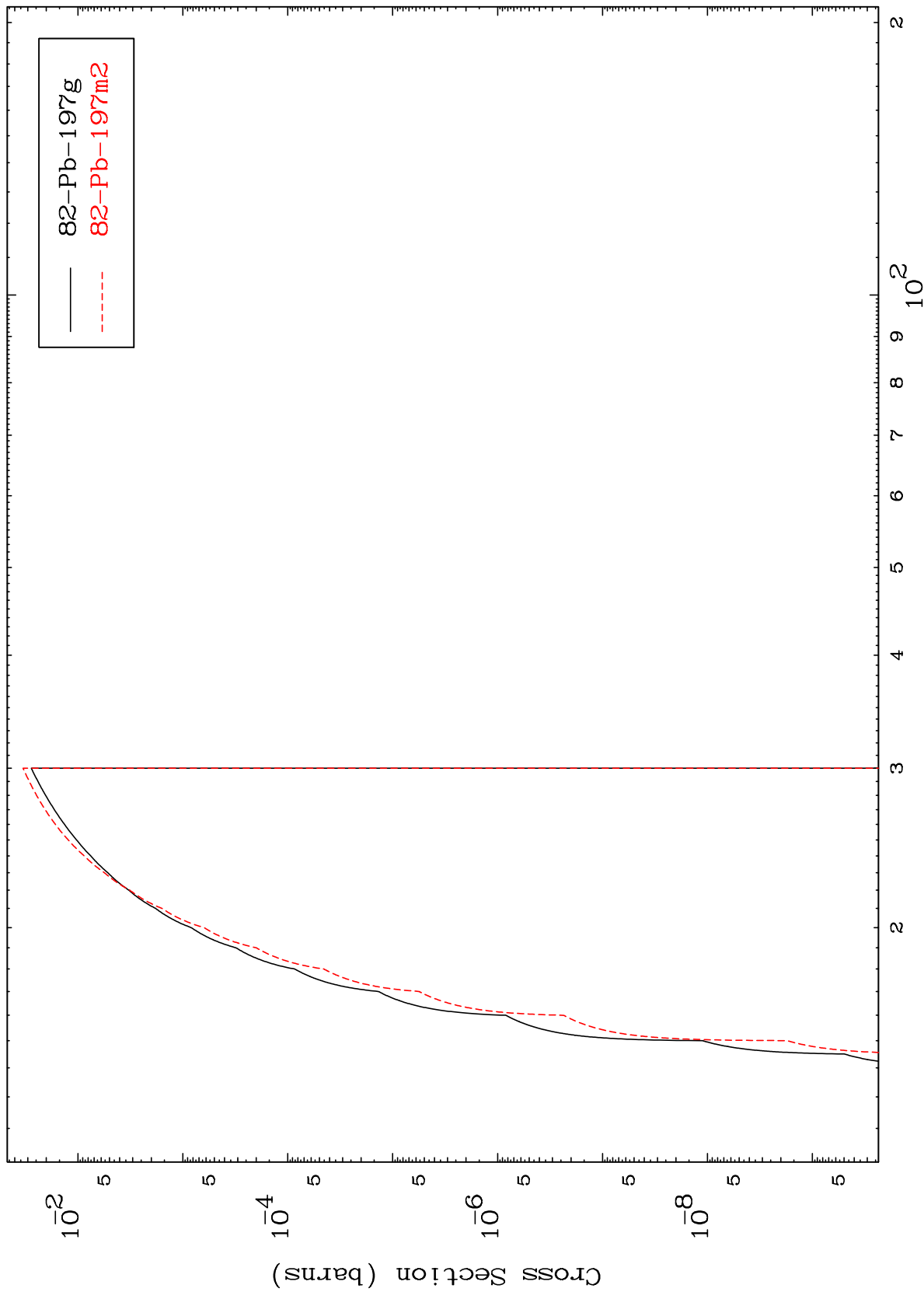
Incident Energy (MeV)

MAT 8295

(n,2n) p

83-Bi-199

Radionuclide Production Cross Section



94

Incident Energy (MeV)

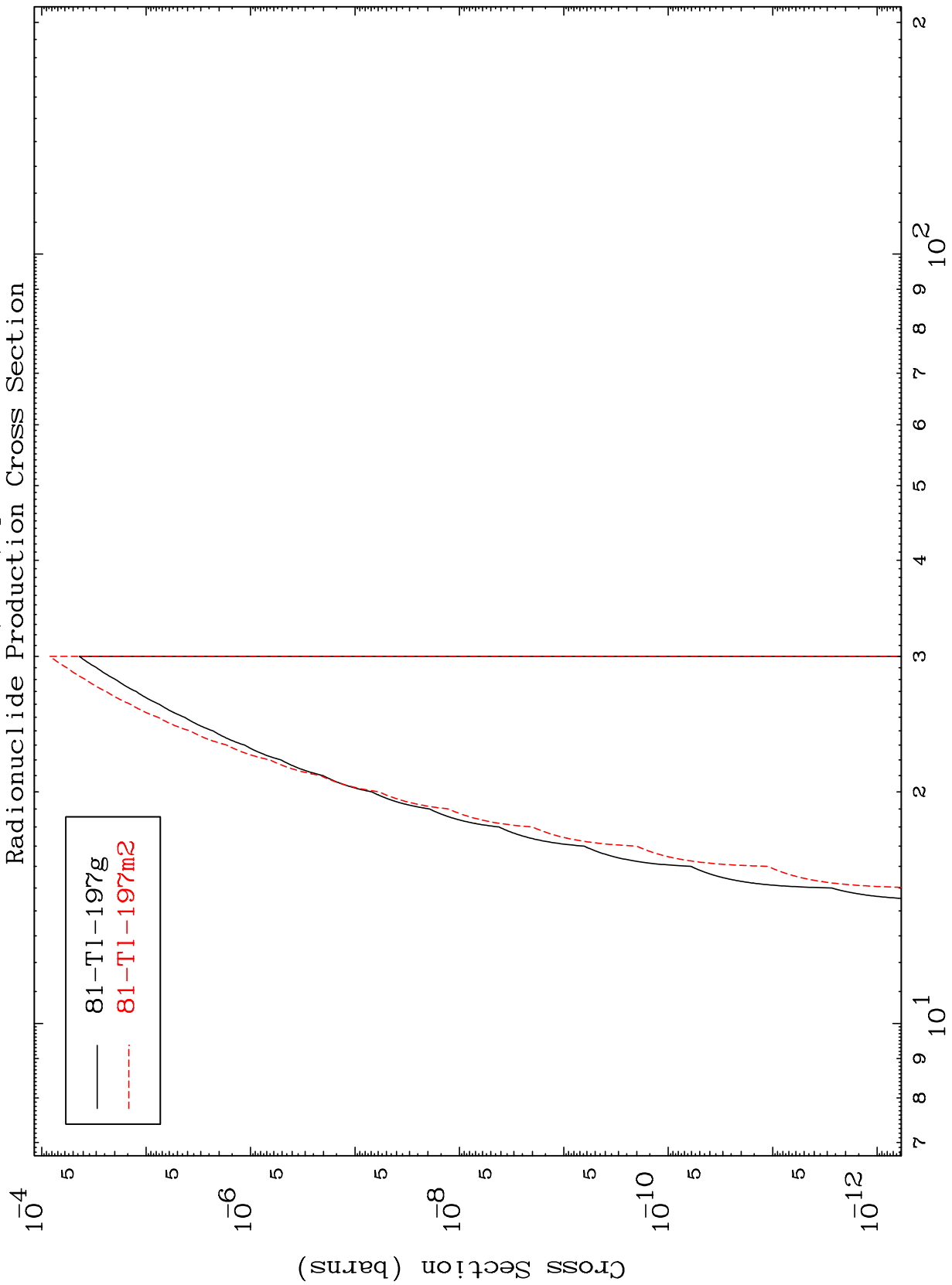
83-Bi-199

MAT 8295

$(n,2n)$ p

83-Bi-199

Radionuclide Production Cross Section



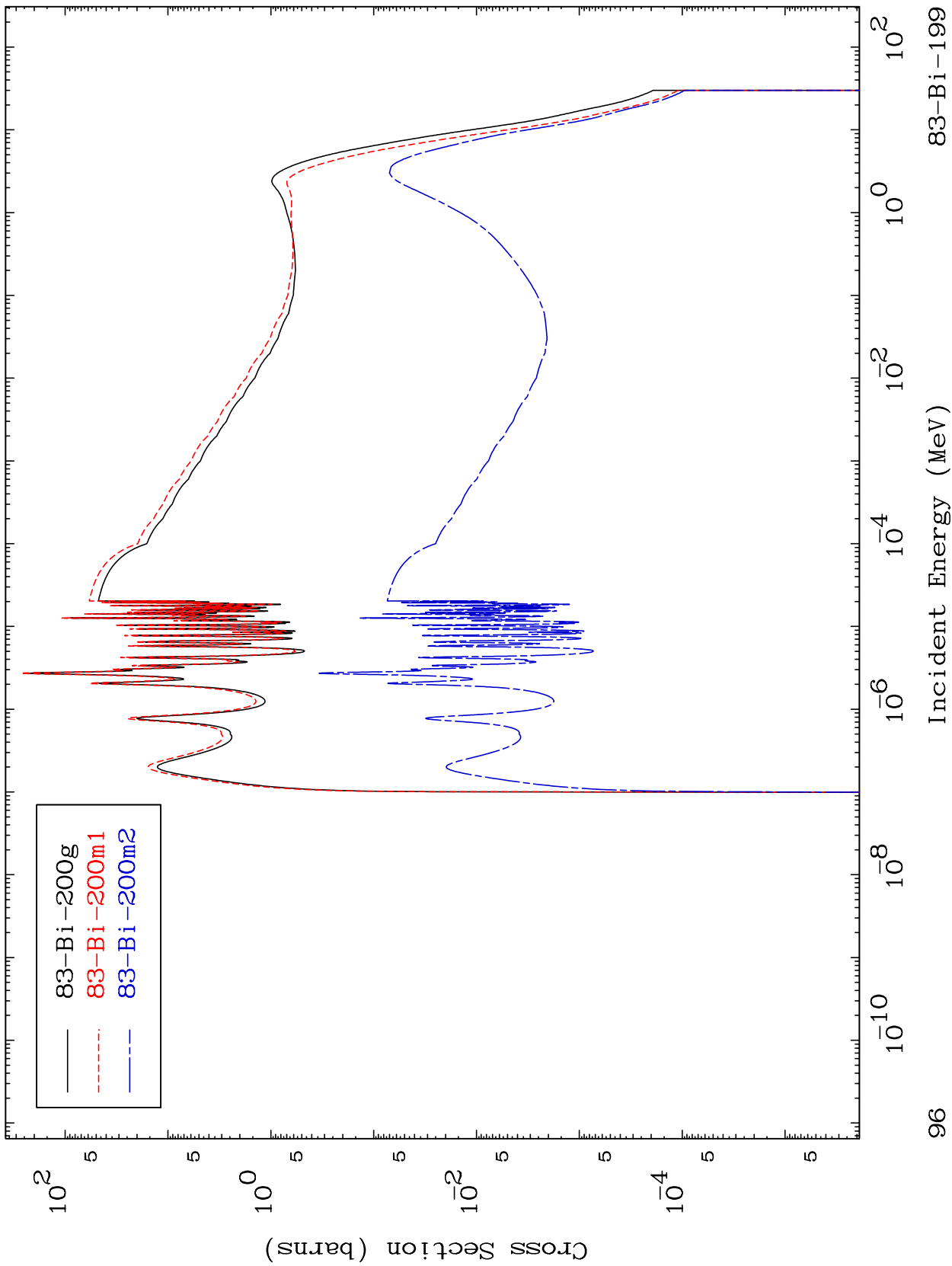
81-Tl-197g
81-Tl-197m2

95

Incident Energy (MeV)

83-Bi-199

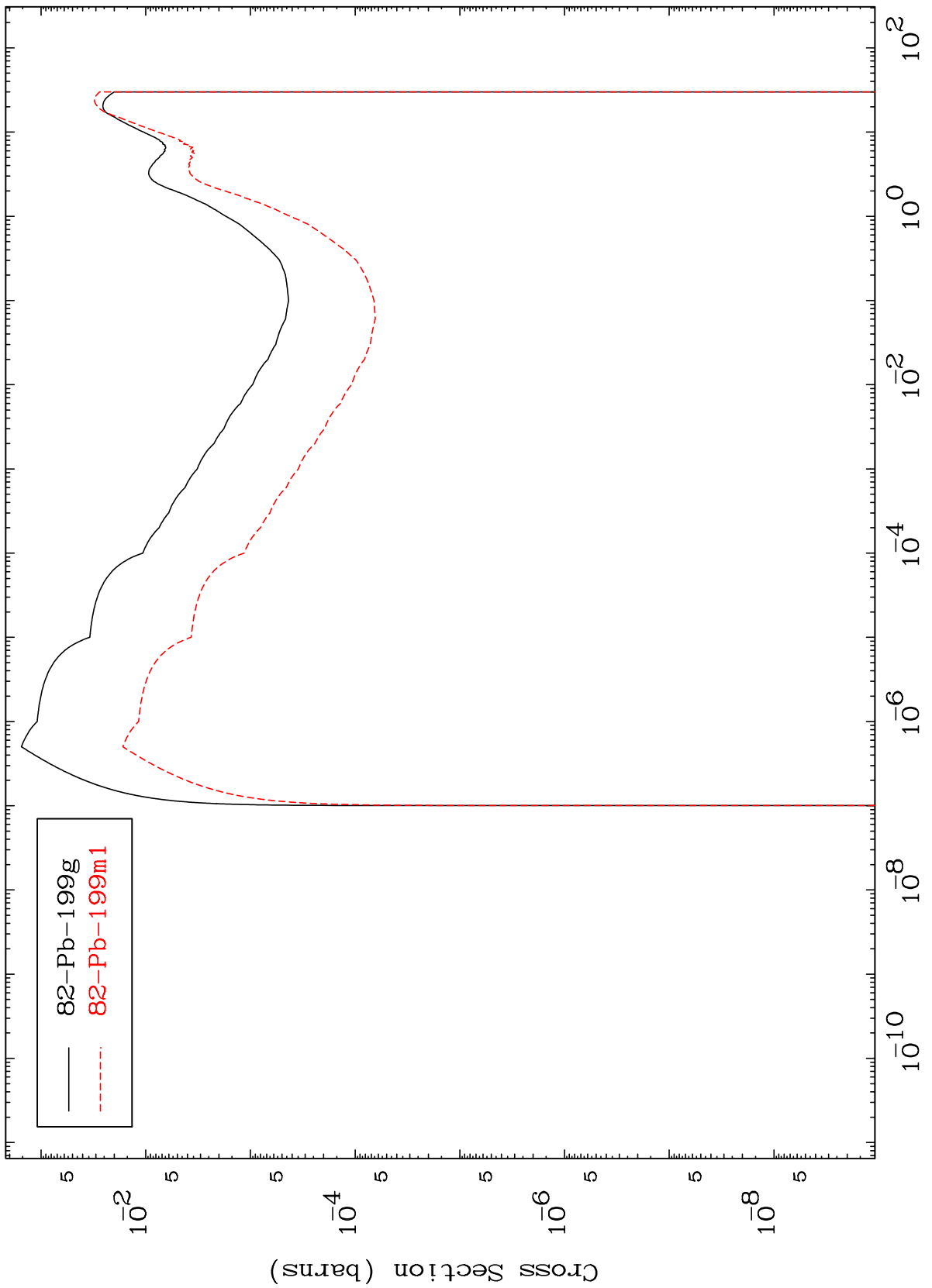
Radionuclide Production Cross Section (n,γ)



MAT 8295

83-Bi-199

(n,p)
Radionuclide Production Cross Section

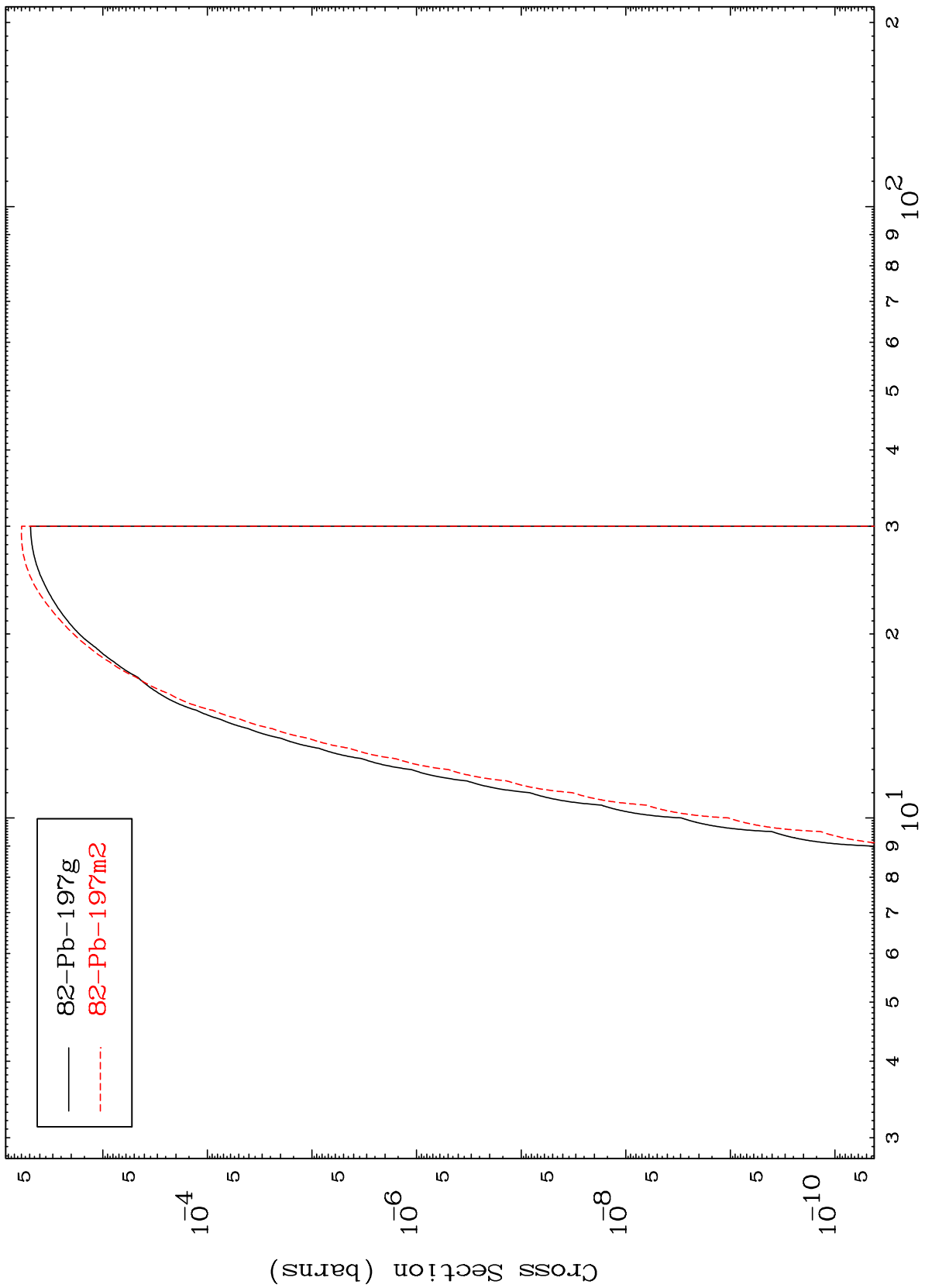


— 82-Pb-199g
- - - 82-Pb-199m1

MAT 8295

83-Bi-199

(n, t)
Radionuclide Production Cross Section



98

Incident Energy (MeV)

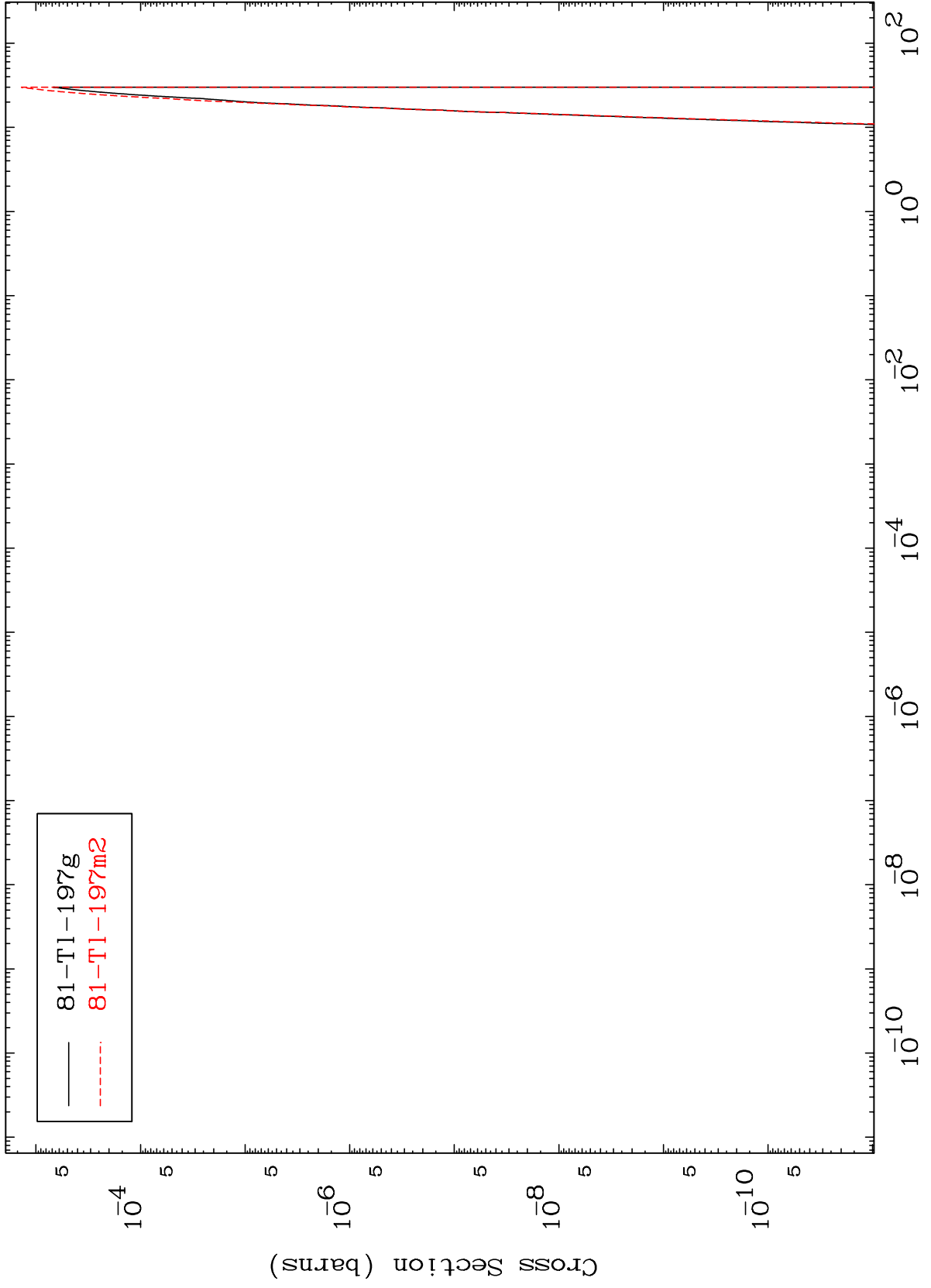
83-Bi-199

MAT 8295

(n,He-3)

83-Bi-199

Radionuclide Production Cross Section



99

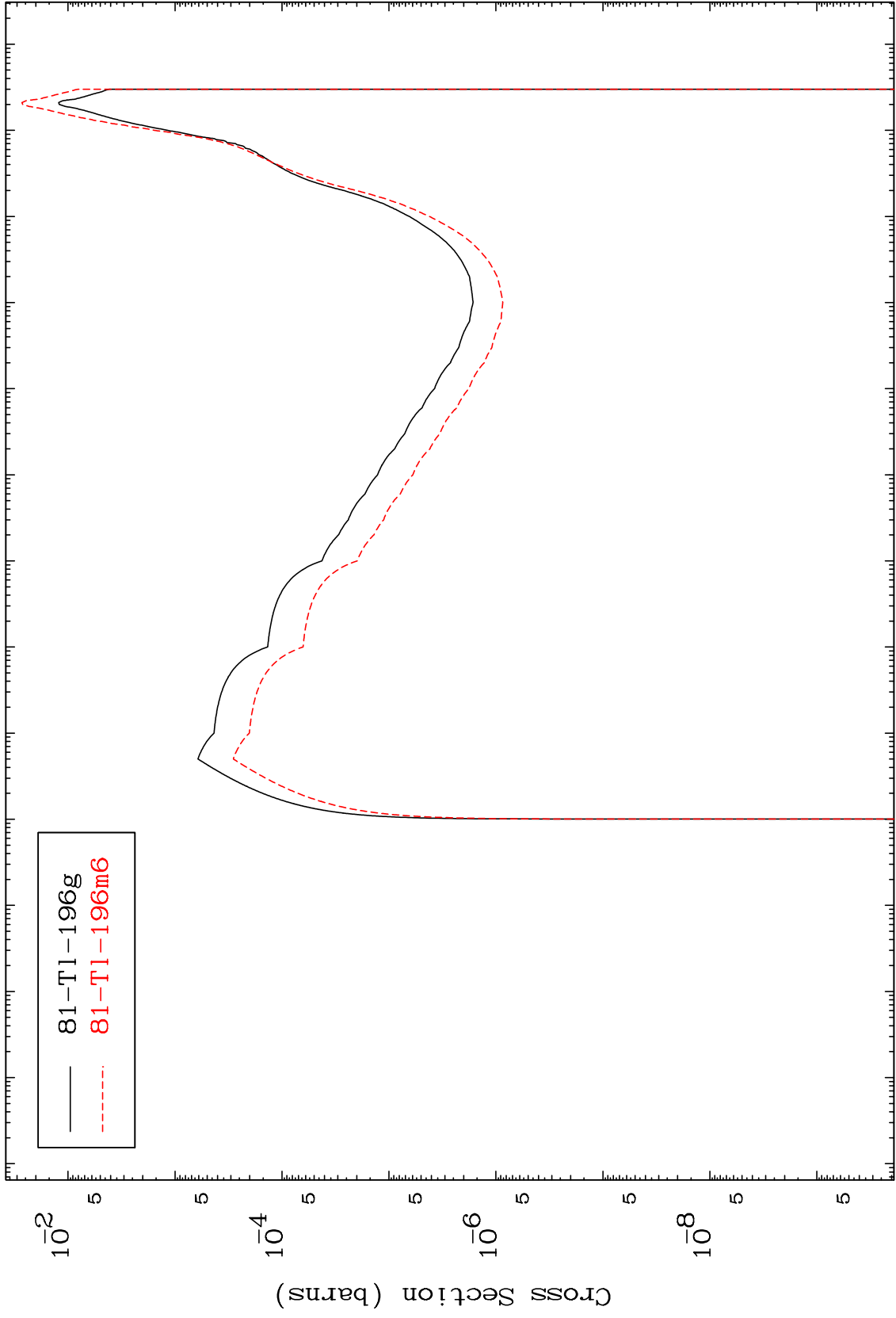
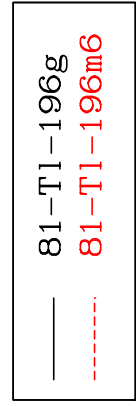
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

Radionuclide Production Cross Section
(n, α)



100

83-Bi-199

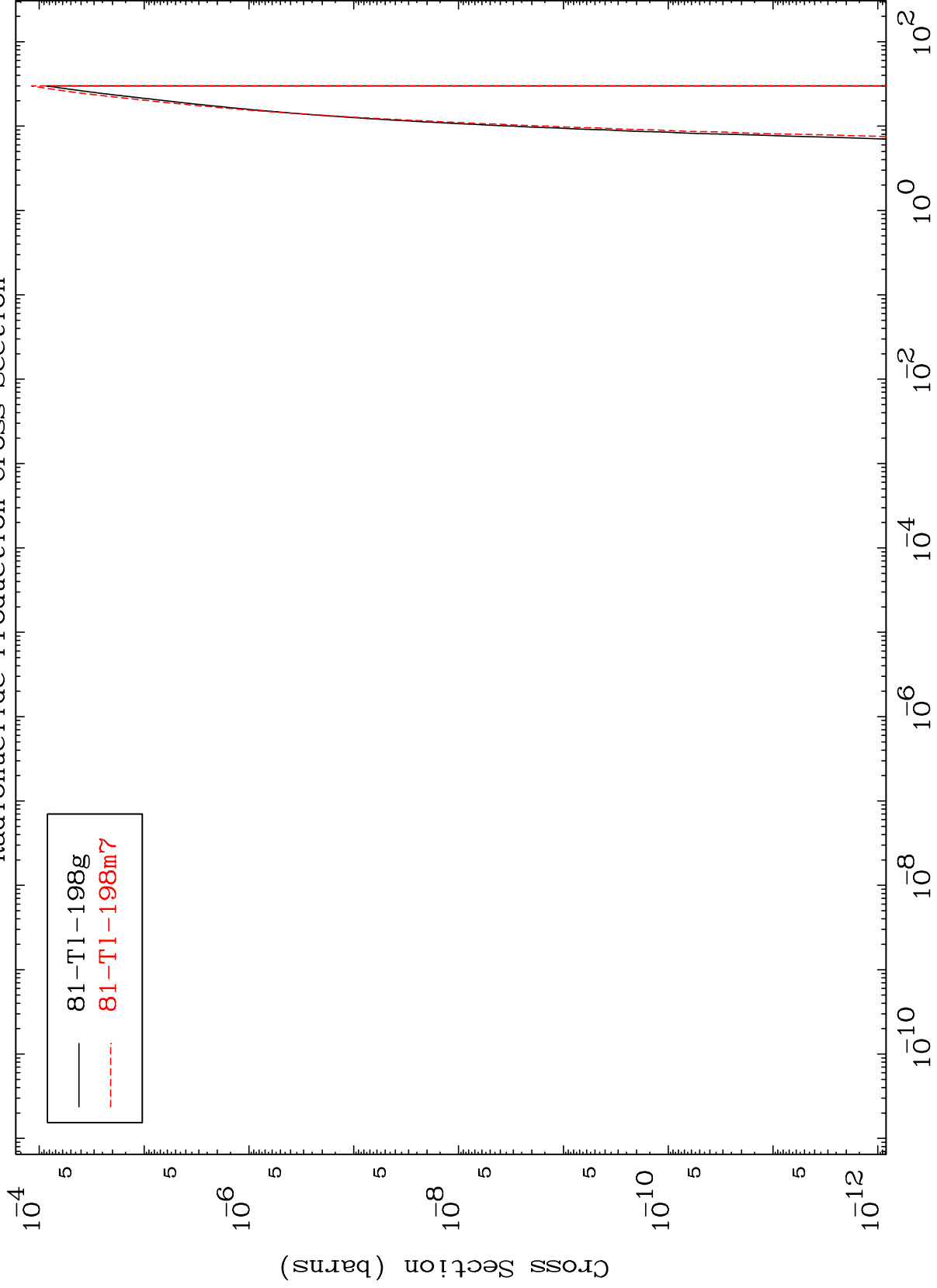
Incident Energy (MeV)

MAT 8295

(n,2p)

83-Bi-199

Radionuclide Production Cross Section



81-Tl-198g
81-Tl-198m7

101

Incident Energy (MeV)

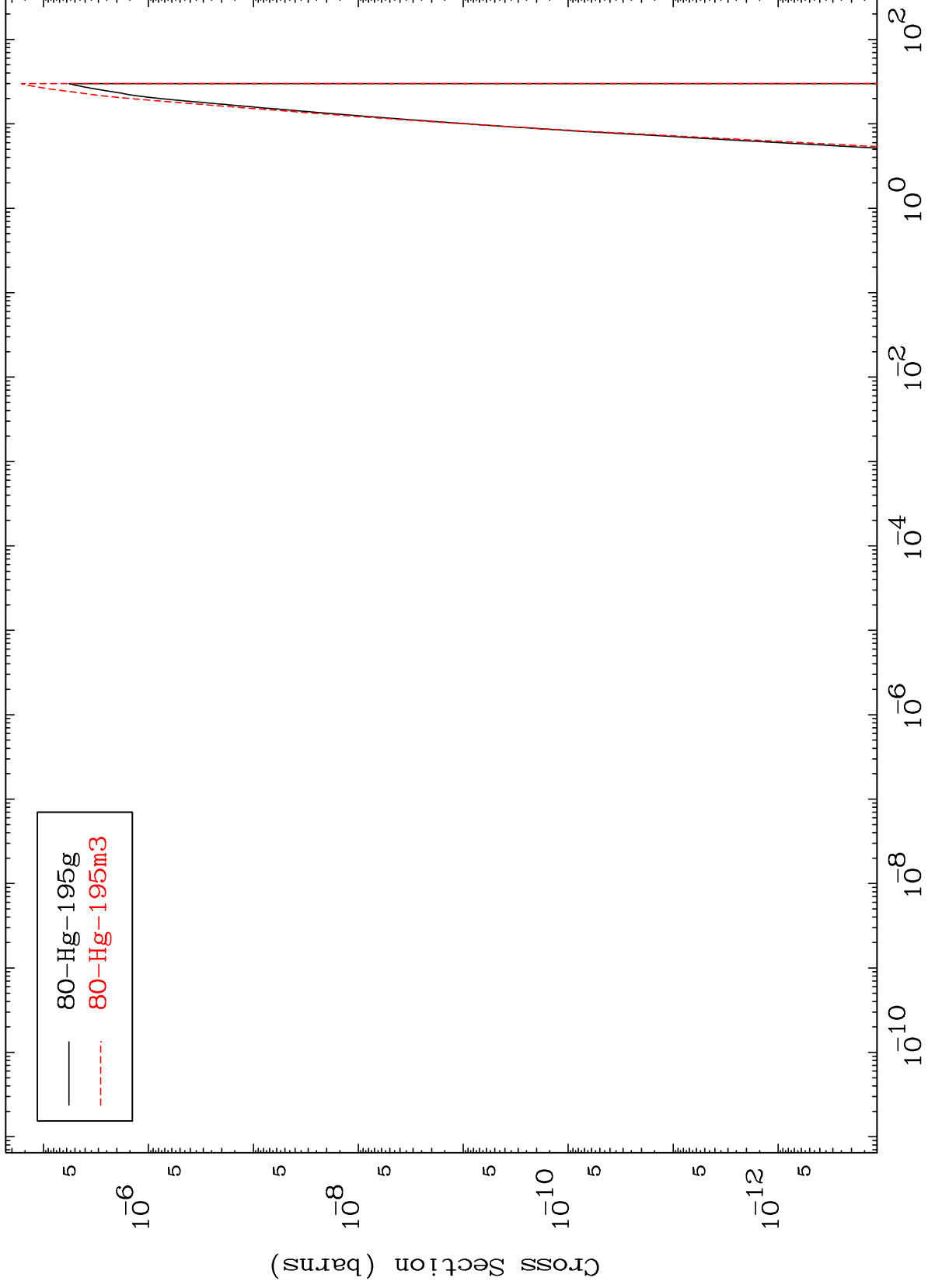
83-Bi-199

MAT 8295

(n,p) α

83-Bi-199

Radionuclide Production Cross Section

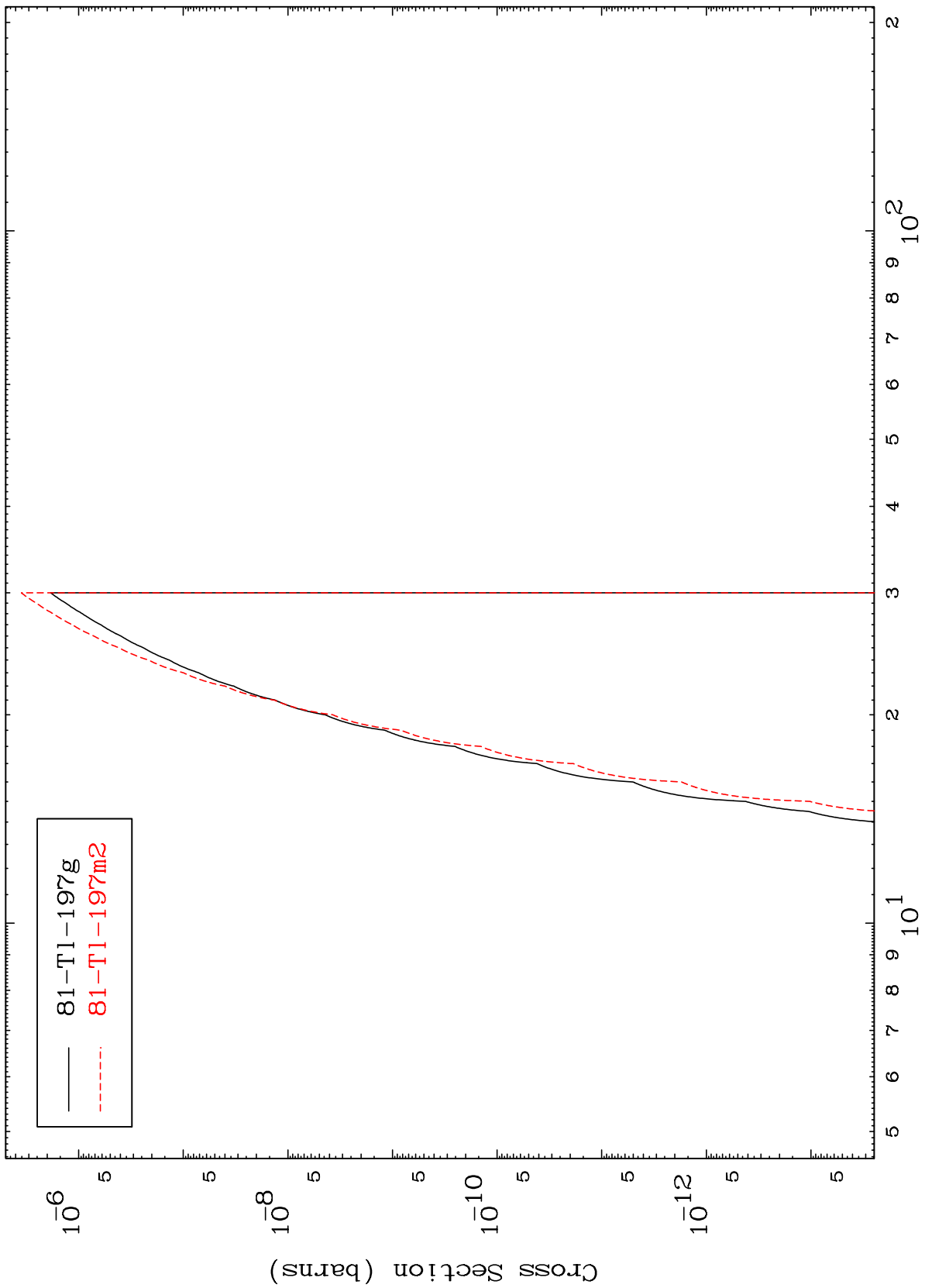


MAT 8295

(n,p) d

83-Bi-199

Radionuclide Production Cross Section



81-Tl-197g
81-Tl-197m2

103

Incident Energy (MeV)

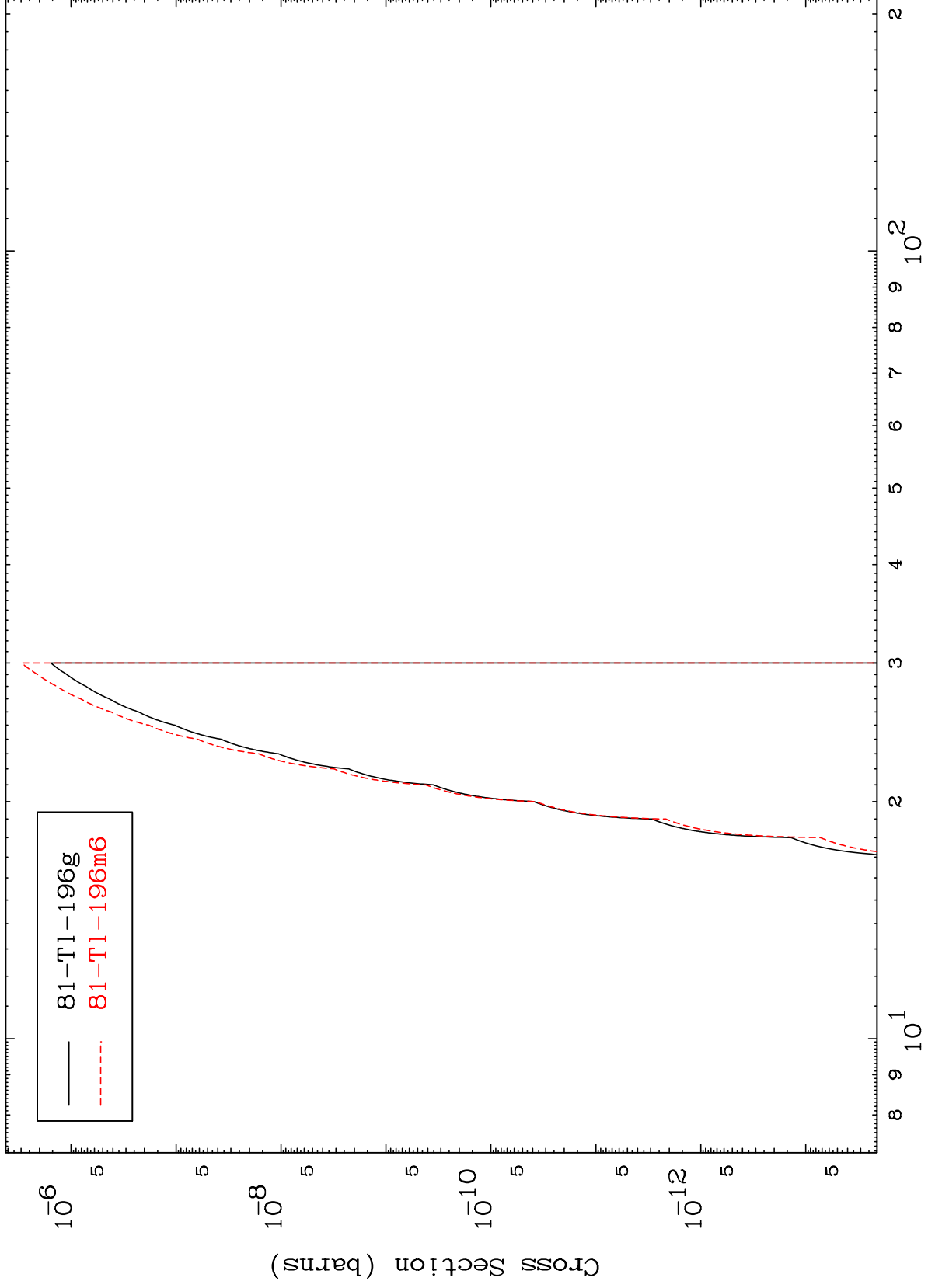
83-Bi-199

MAT 8295

(n,p) t

83-Bi-199

Radionuclide Production Cross Section



104

Incident Energy (MeV)

83-Bi-199