

Program EVALPLOT  
(Version 2018-1)

by

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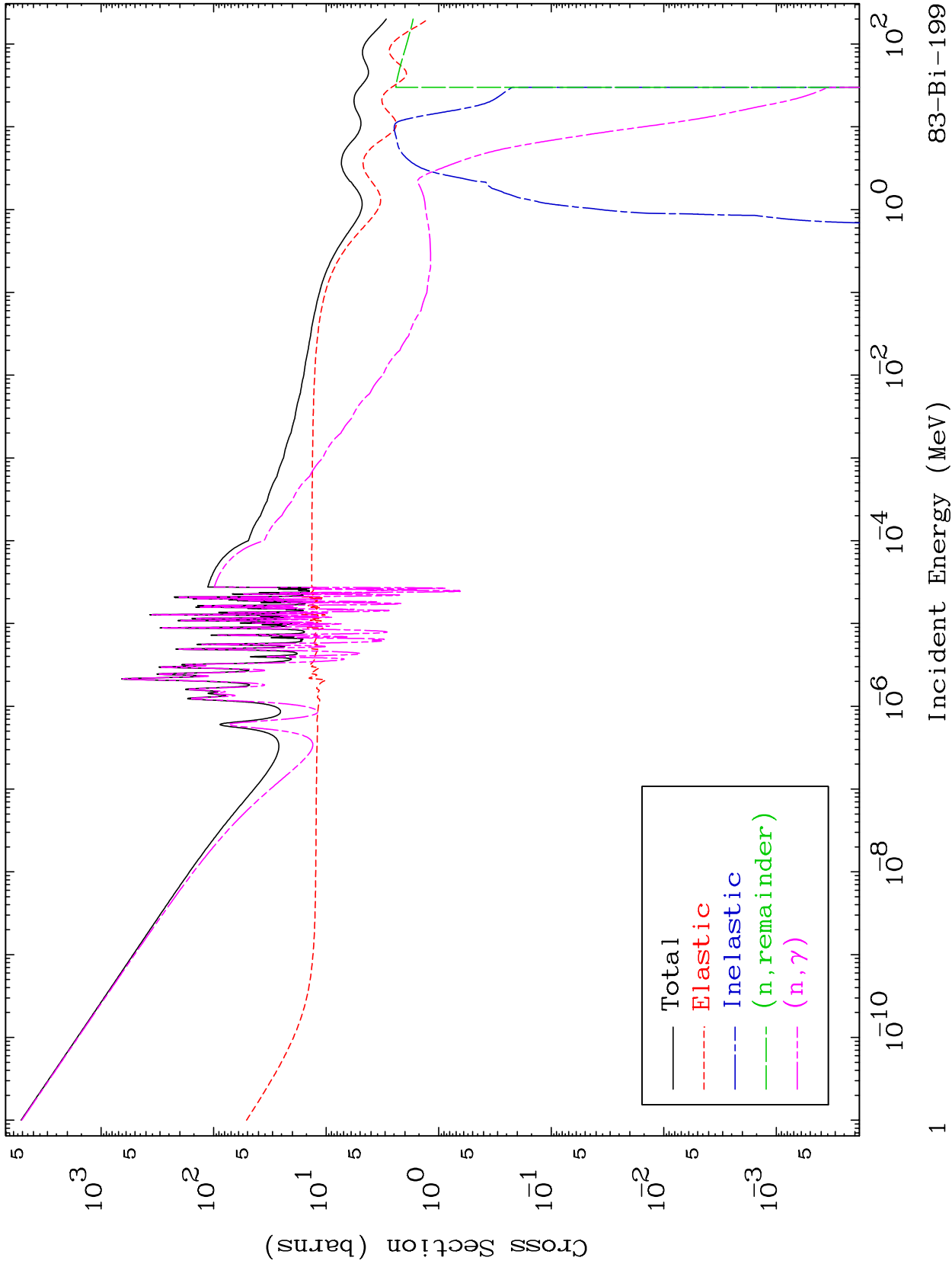
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Press Mouse Button to Start

MAT 8295

Major  
293 Kelvin Cross Sections

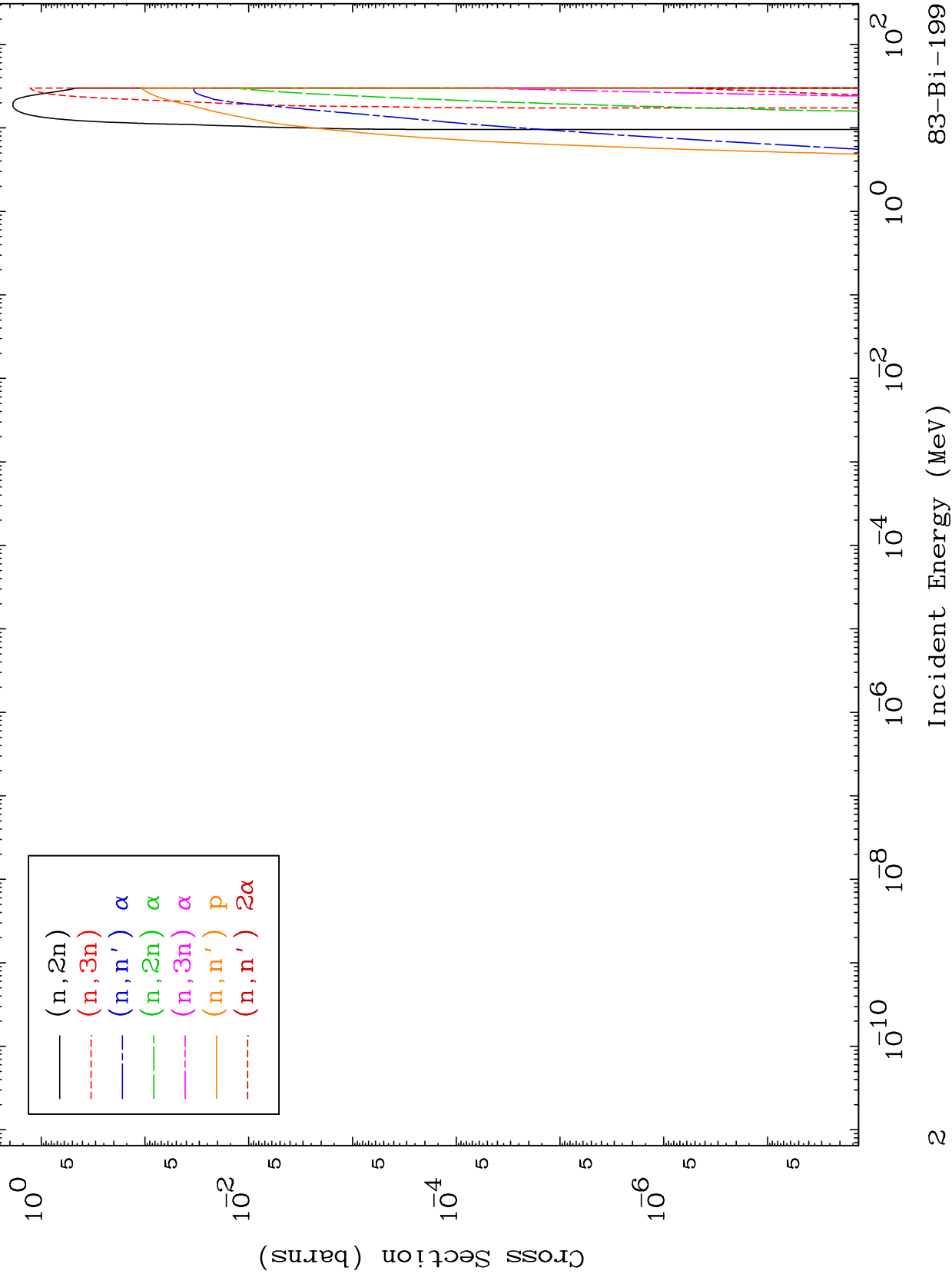
83-Bi-199

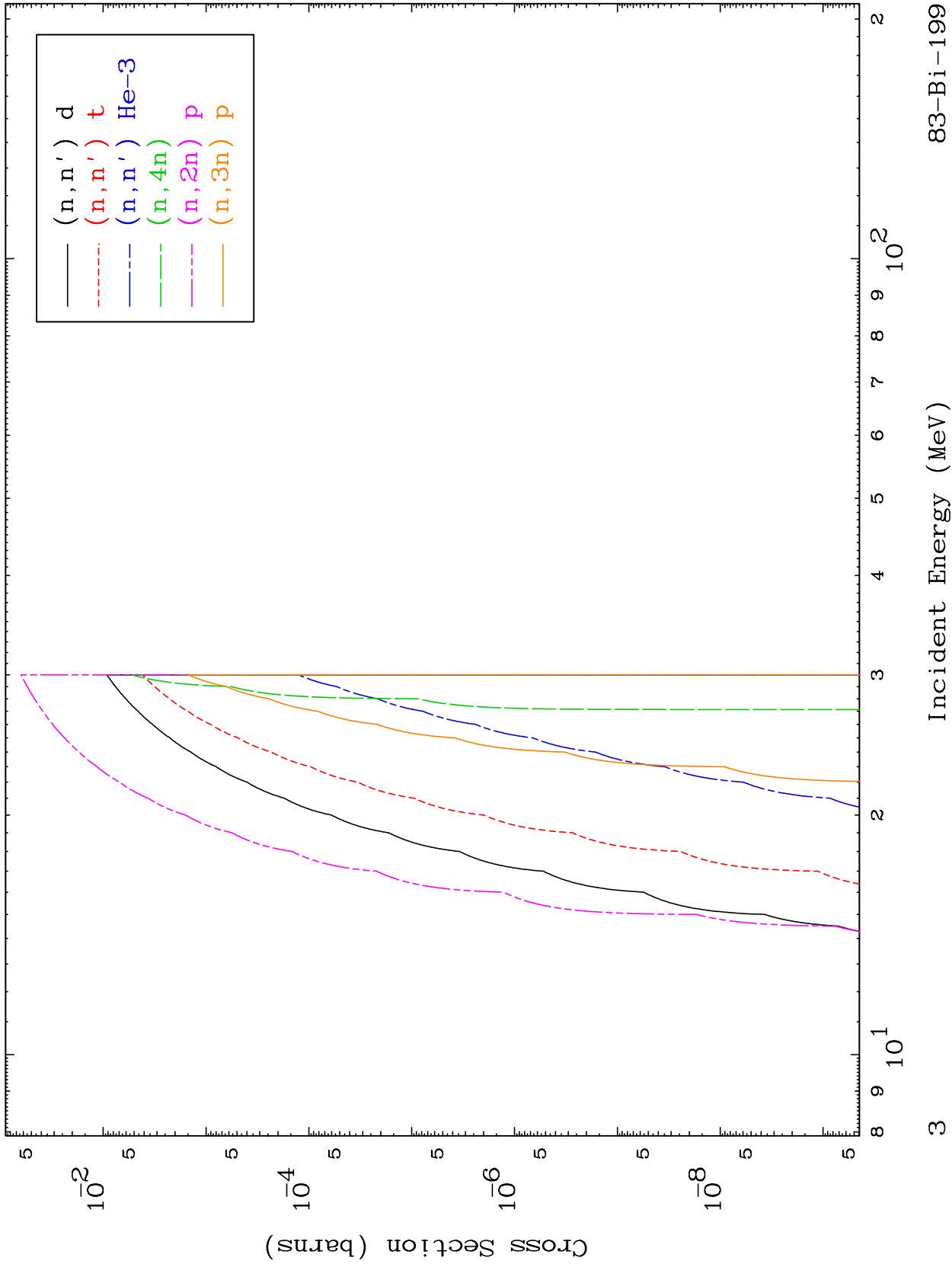


MAT 8295

Neutron Production  
293 Kelvin Cross Sections

83-Bi-199

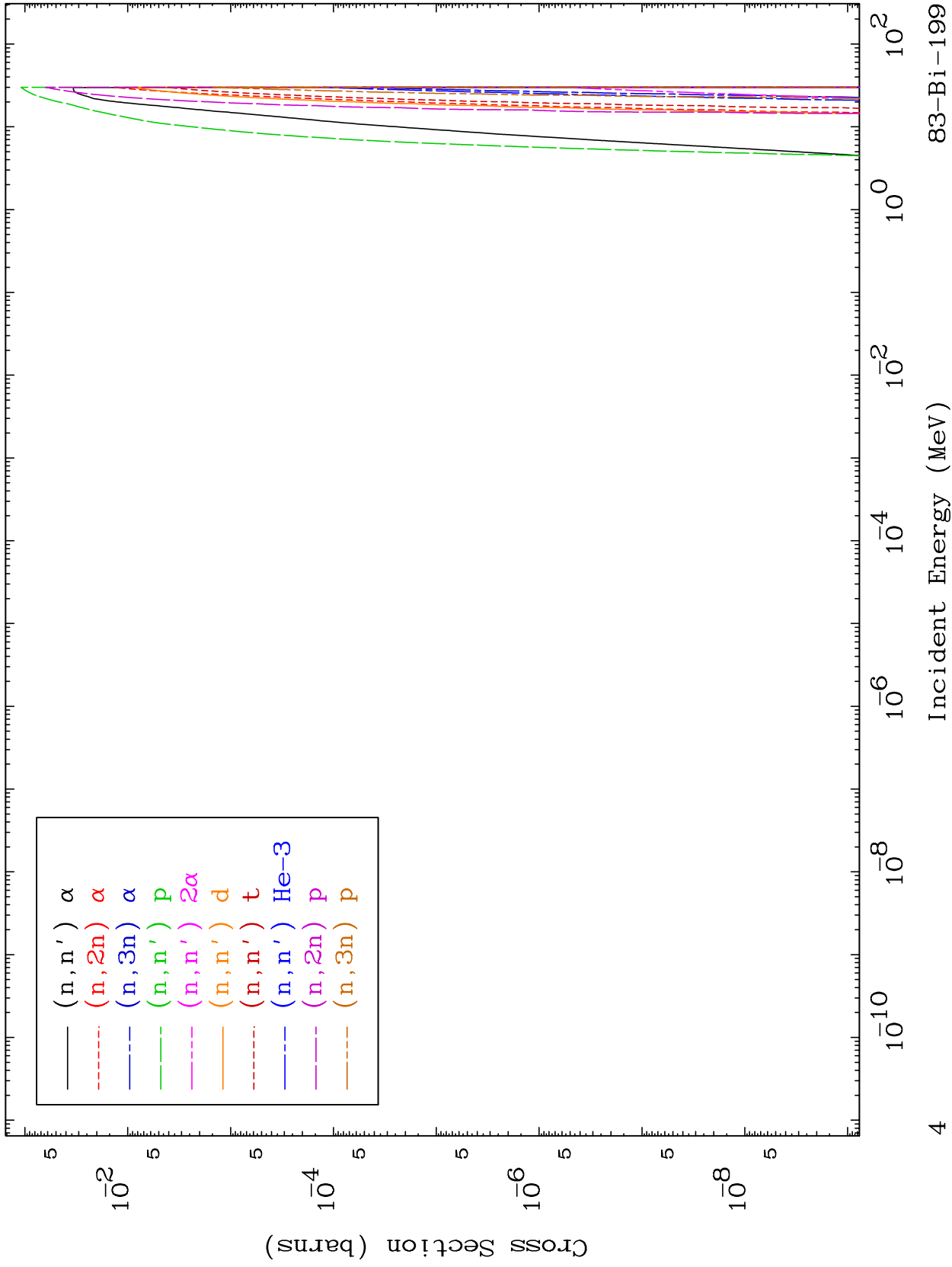




MAT 8295

Charged Particle  
293 Kelvin Cross Sections

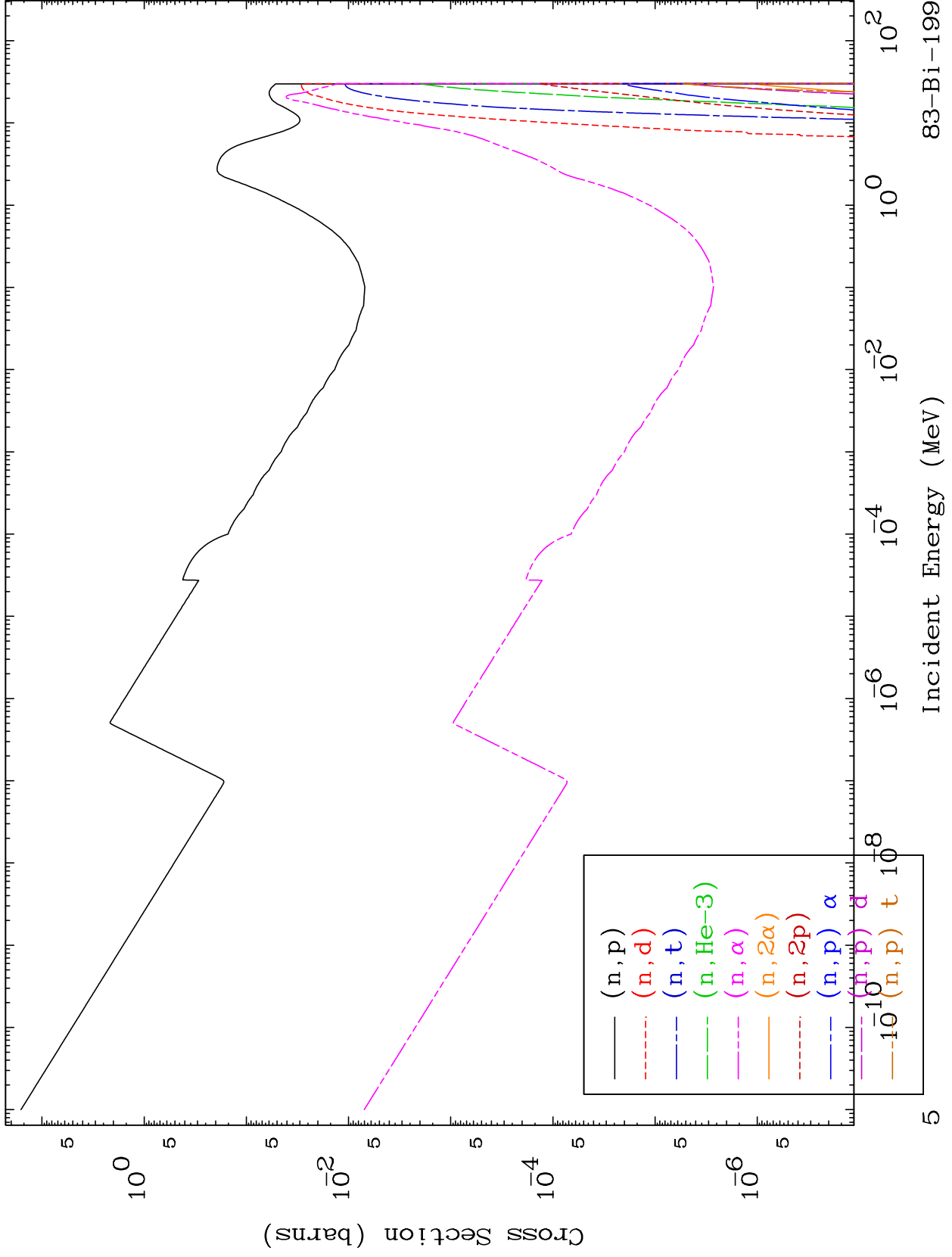
83-Bi-199



MAT 8295

Charged Particle  
293 Kelvin Cross Sections

83-Bi-199



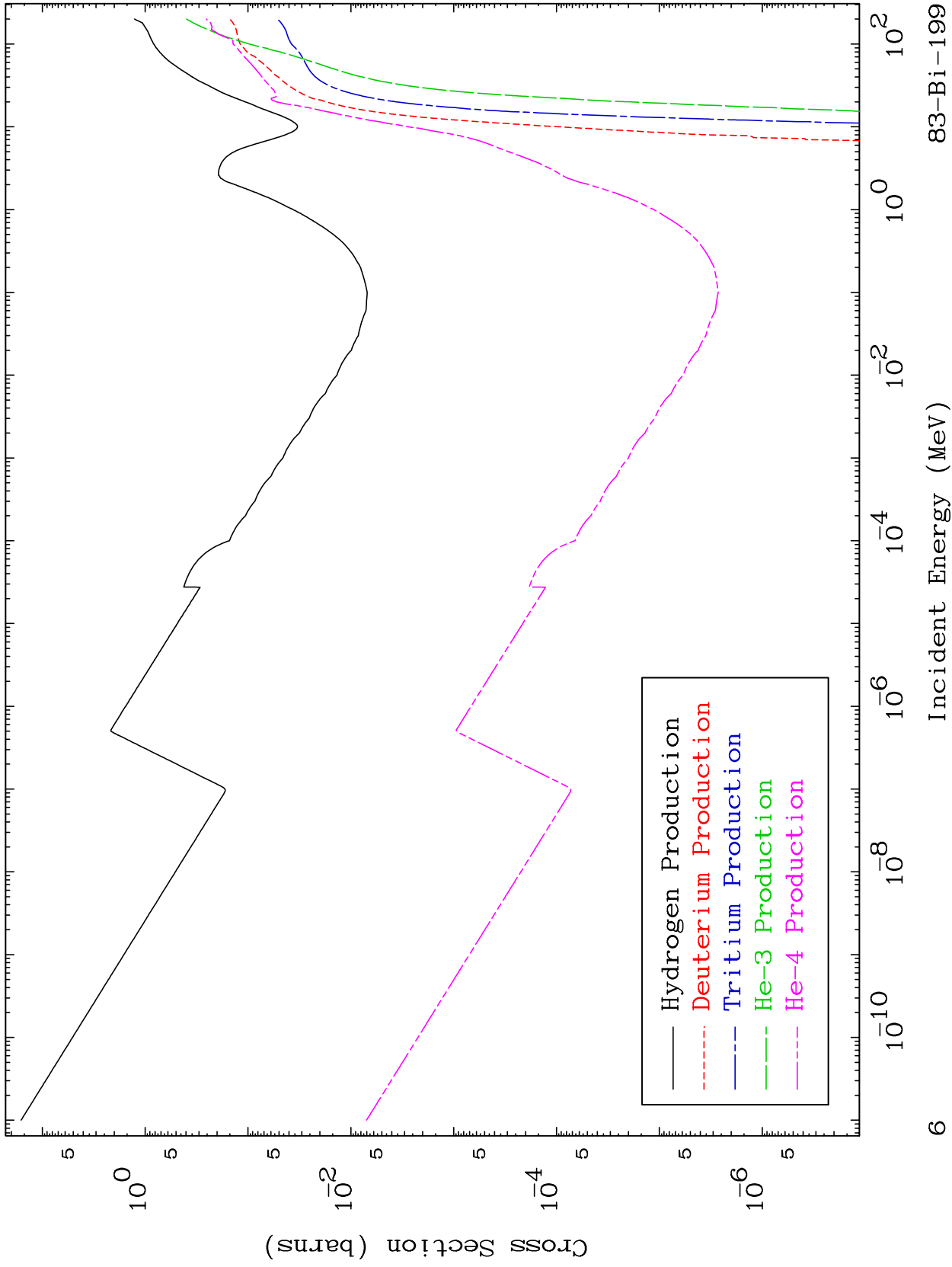
83-Bi-199

Incident Energy (MeV)

MAT 8295

Particle Production  
293 Kelvin Cross Sections

83-Bi-199

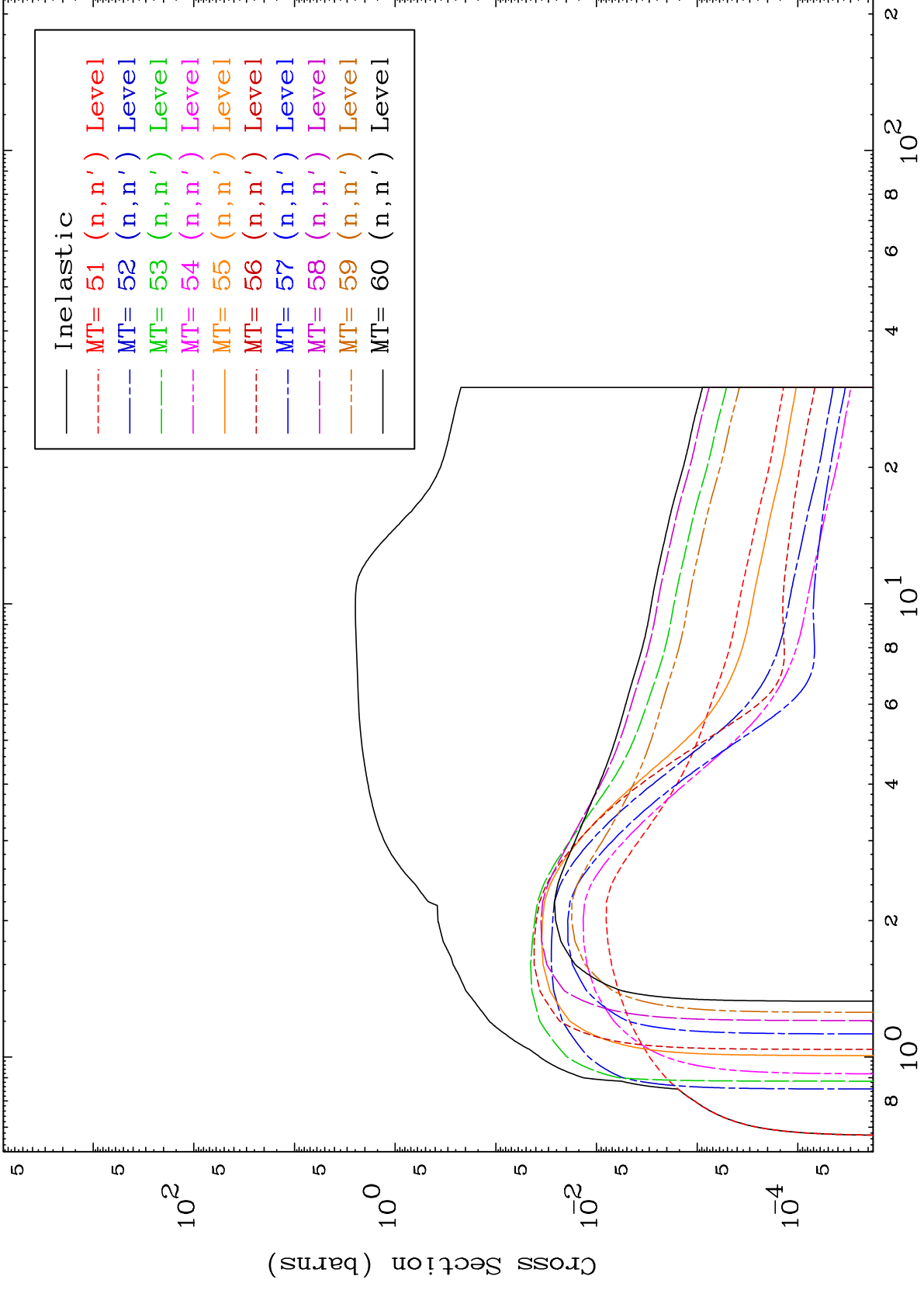


MAT 8295

(n,n') Level

83-Bi-199

293 Kelvin Cross Sections



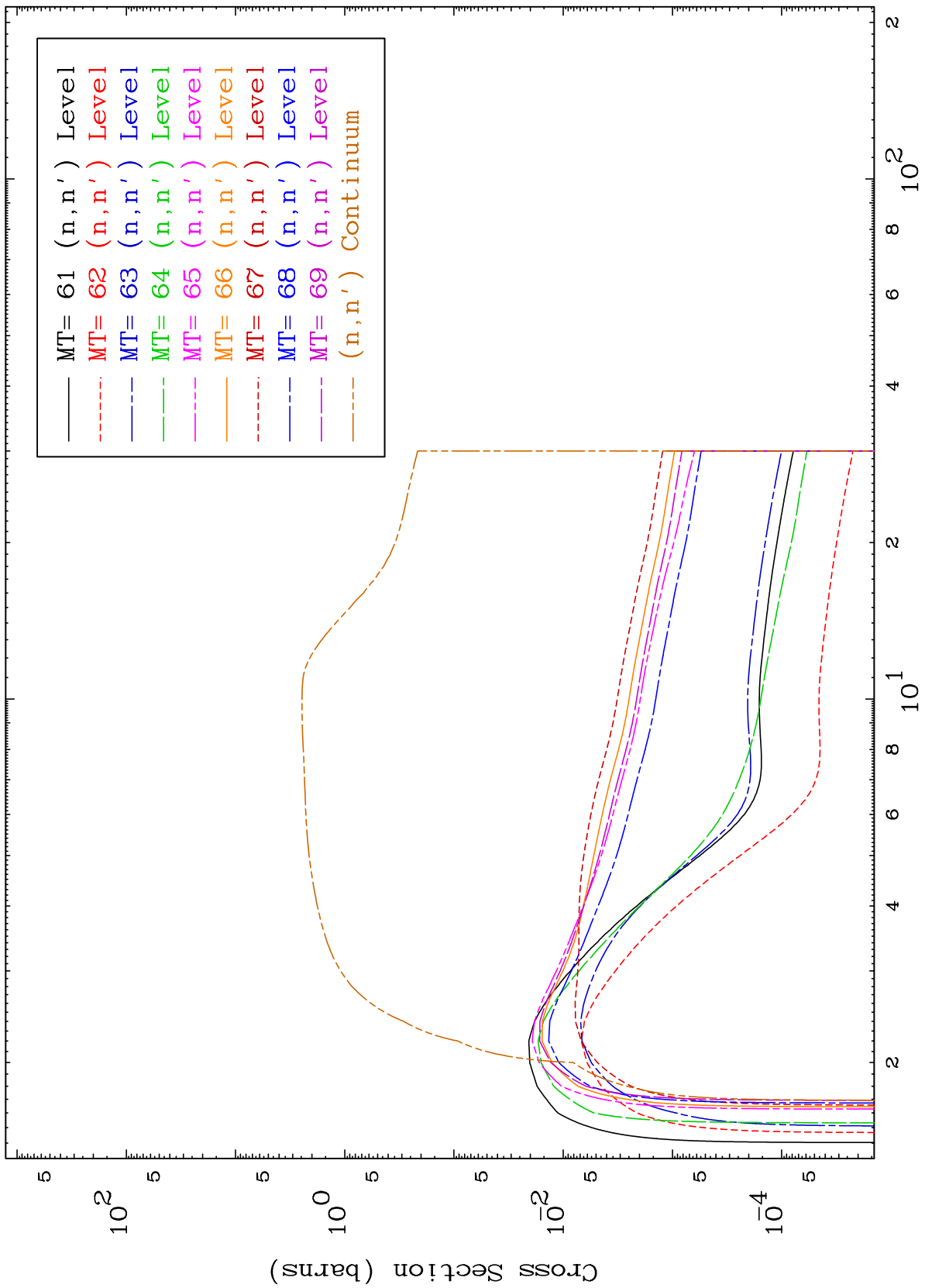
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Incident Energy (MeV)

83-Bi-199



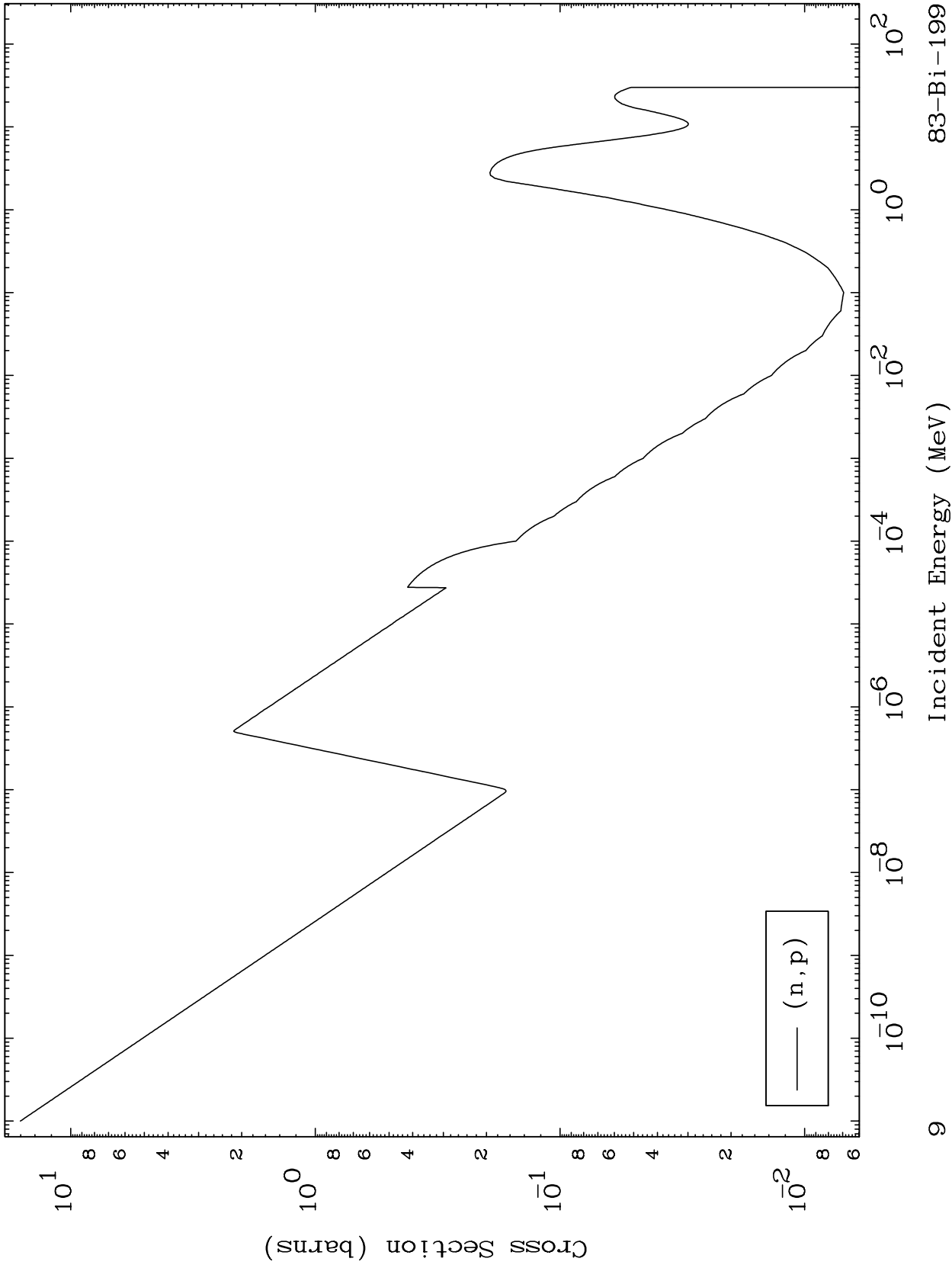
293 Kelvin Cross Sections



MAT 8295

(n,p) Levels  
293 Kelvin Cross Sections

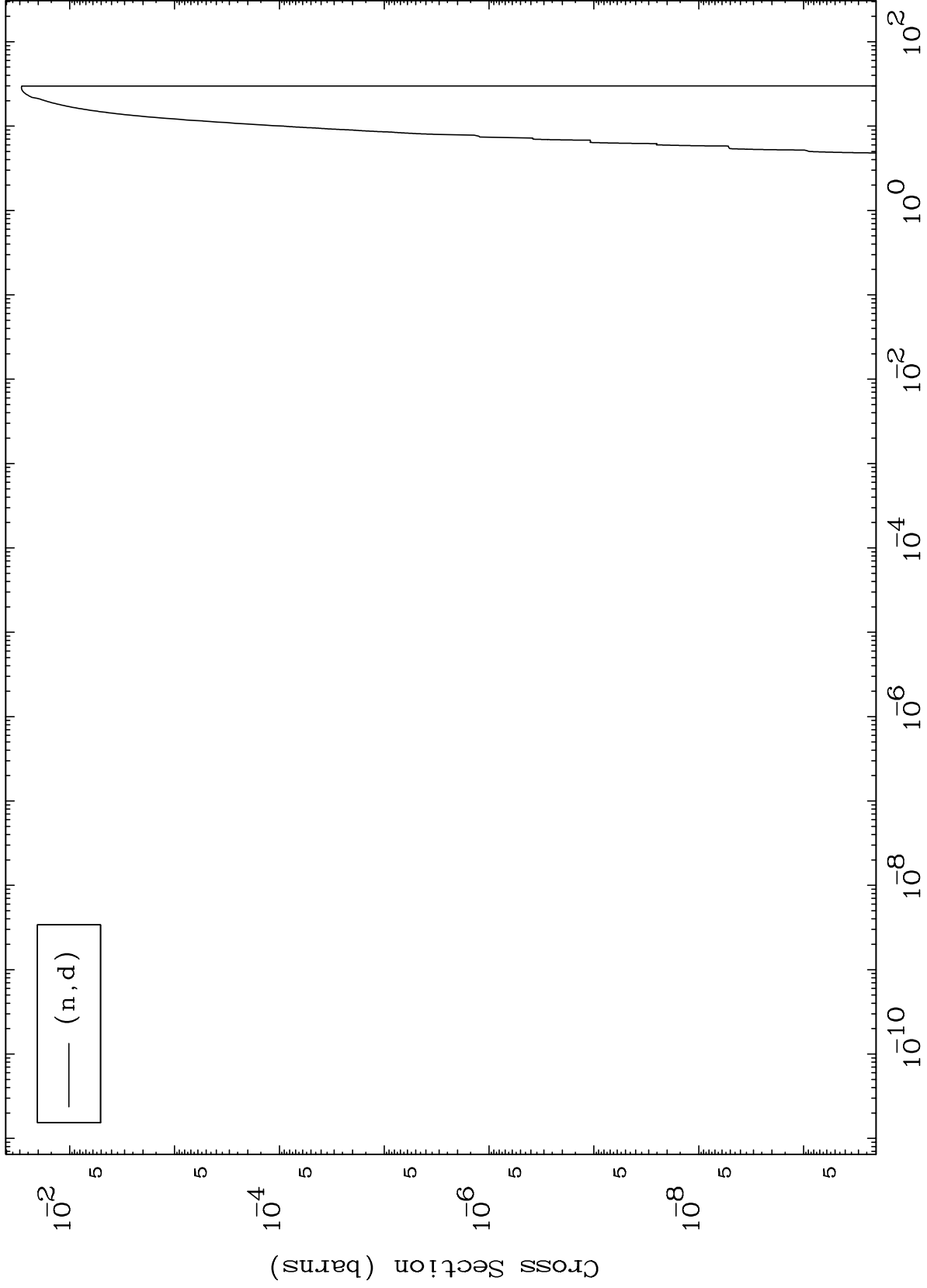
83-Bi-199



MAT 8295

(n,d) Levels  
293 Kelvin Cross Sections

83-Bi-199



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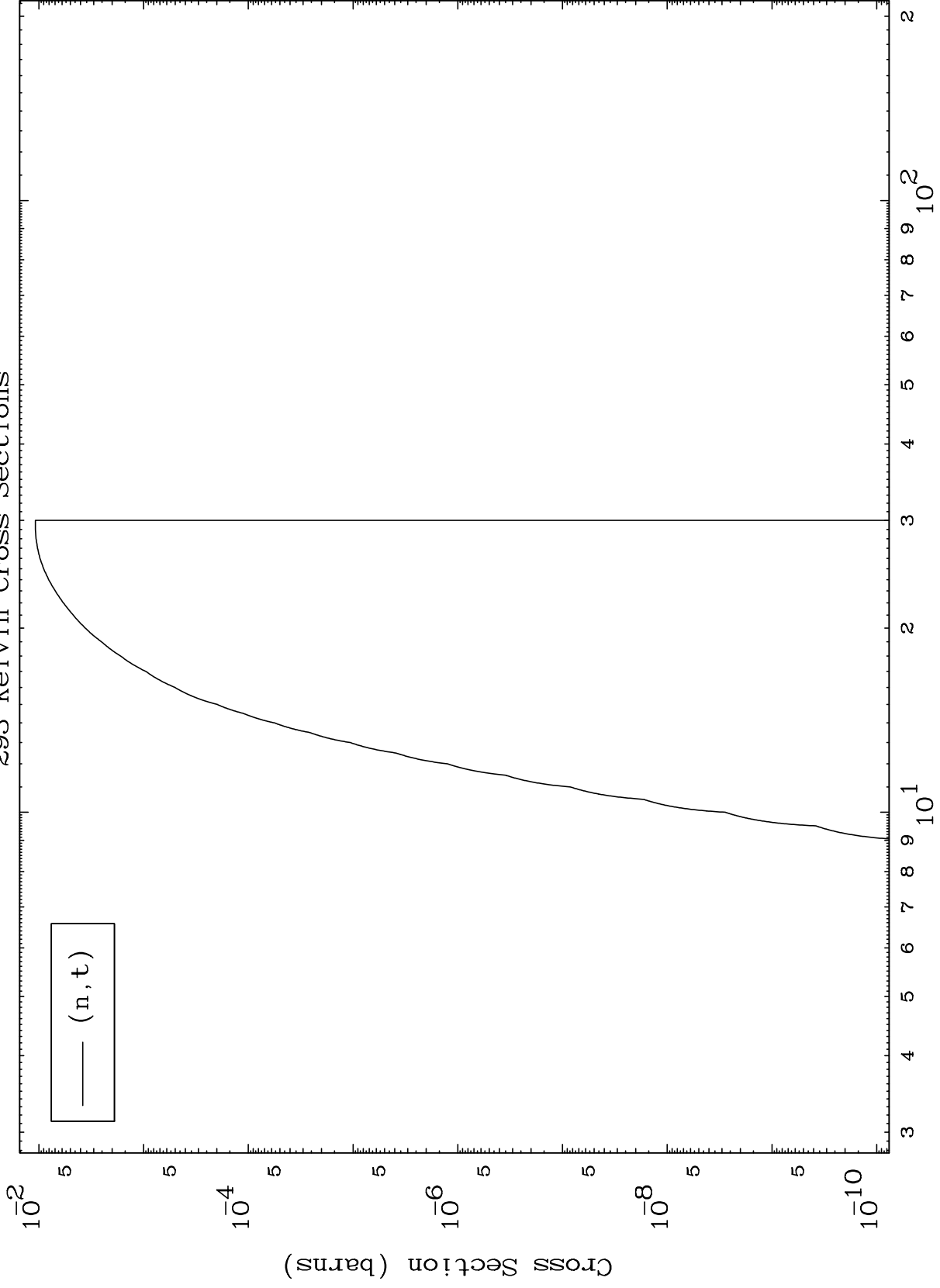
Incident Energy (MeV)

83-Bi-199

MAT 8295

(n,t) Levels  
293 Kelvin Cross Sections

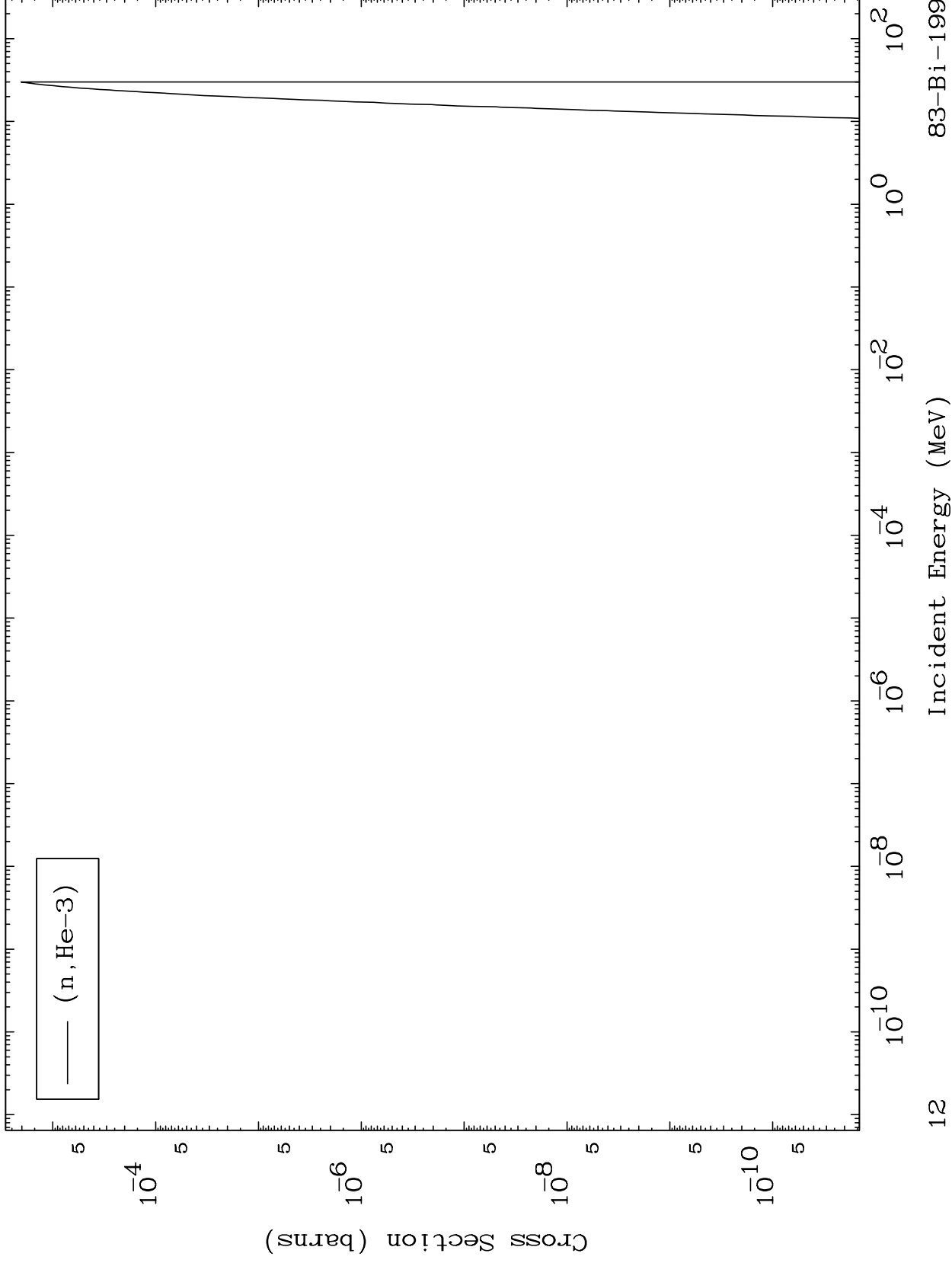
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MAT 8295

(n,He3) Levels  
293 Kelvin Cross Sections

83-Bi-199



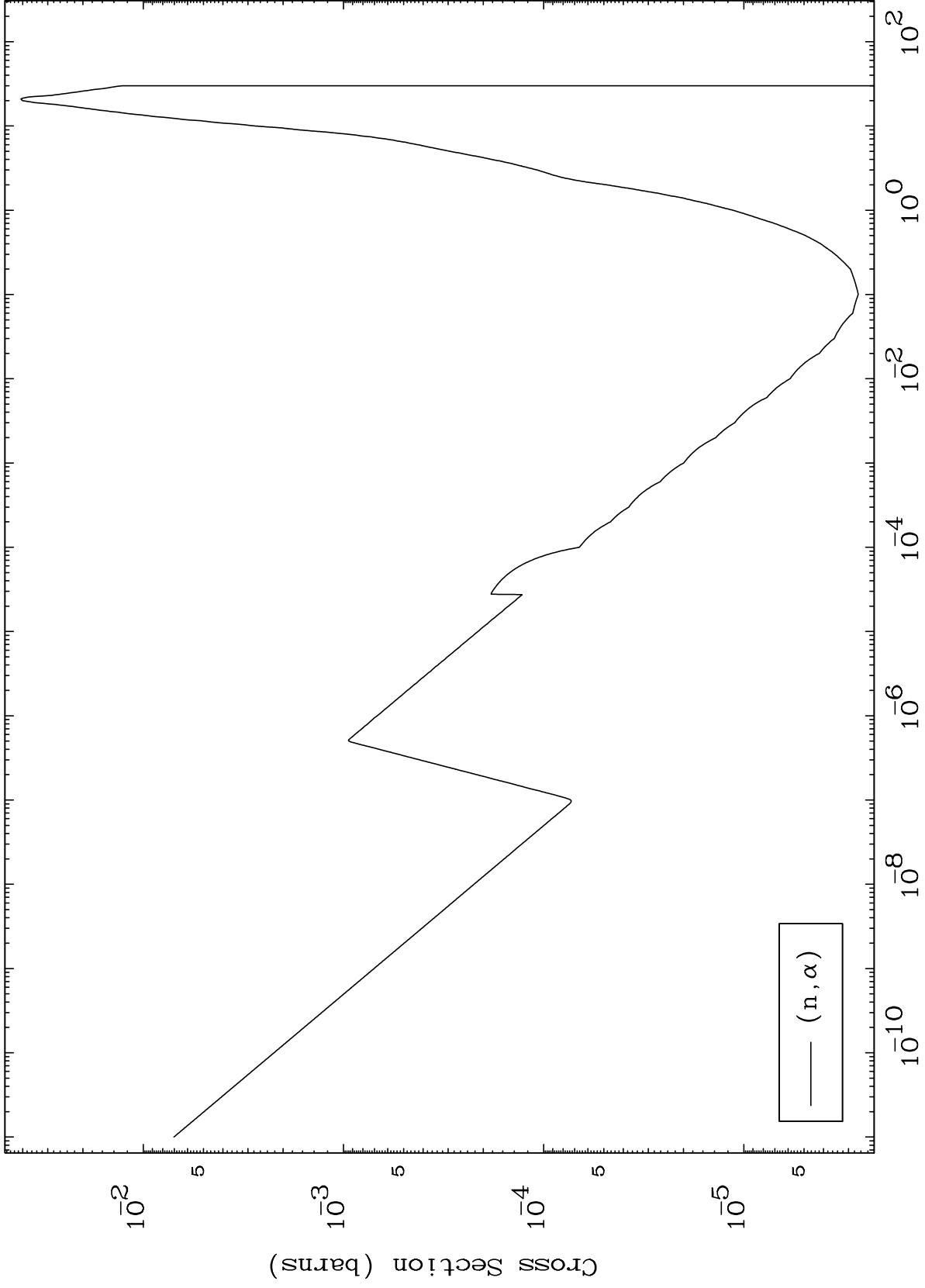
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83-Bi-199

MAT 8295

(n,α) Levels  
293 Kelvin Cross Sections

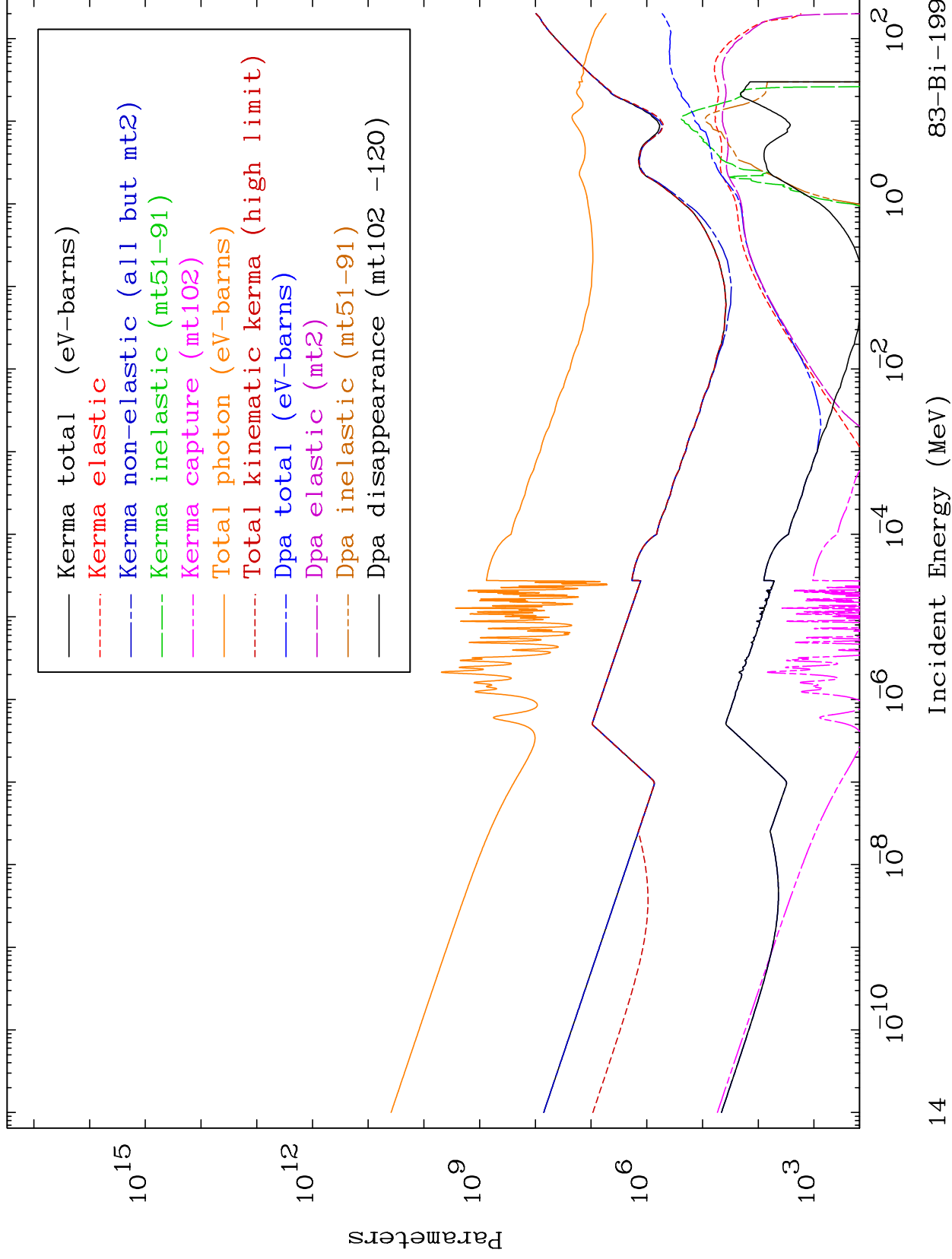
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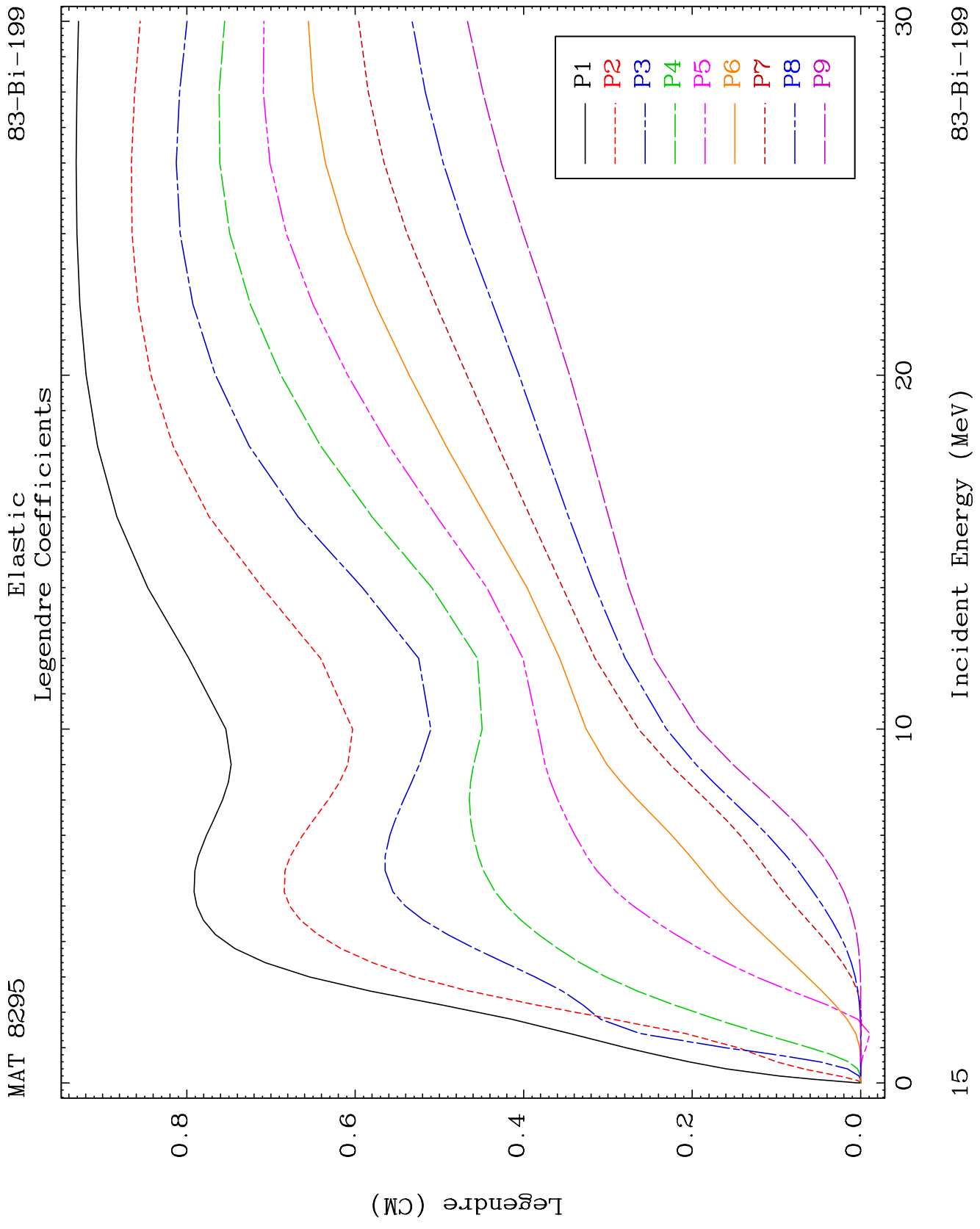


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Incident Energy (MeV)

83-Bi-199



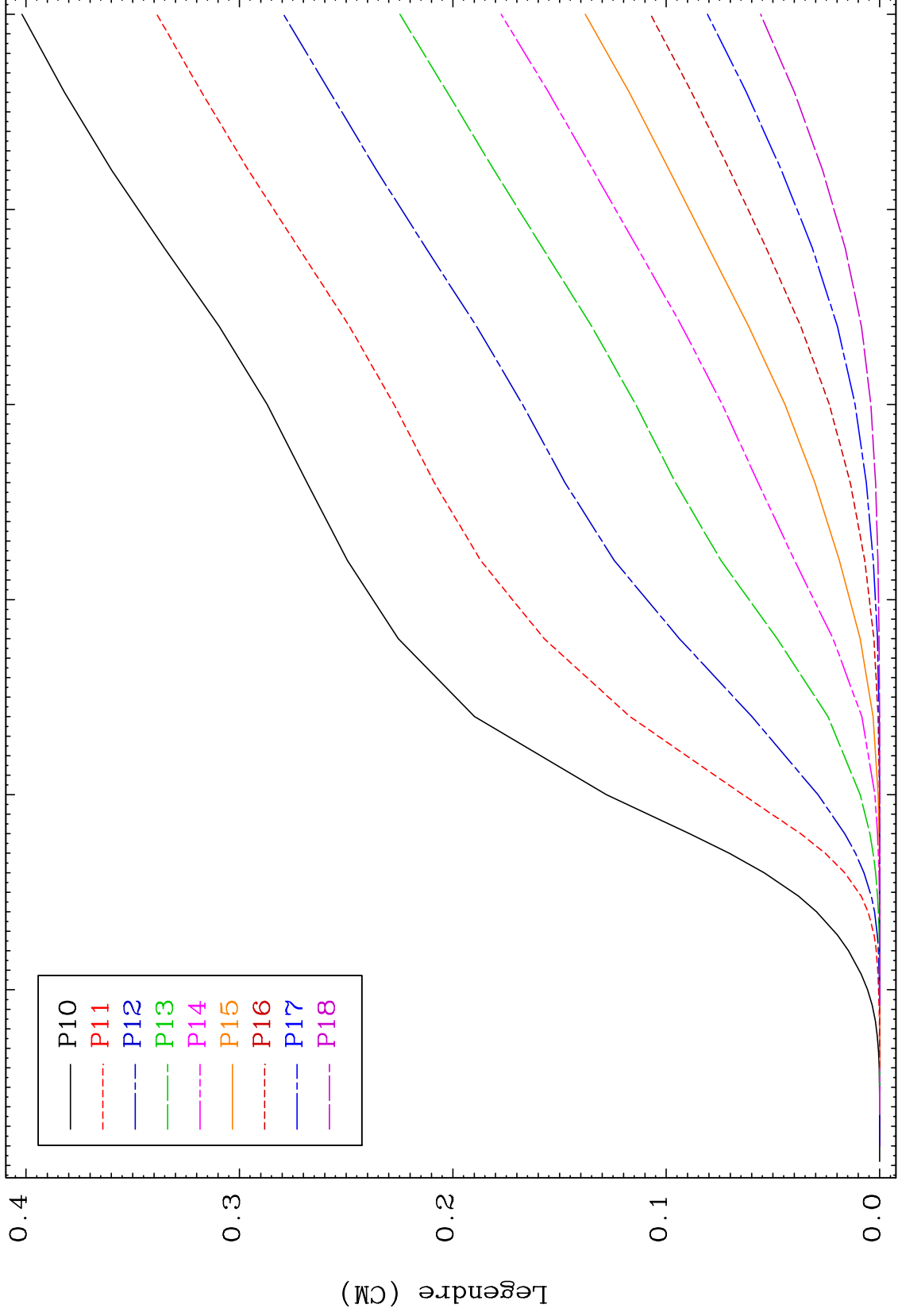




MAT 8295

Elastic Legendre Coefficients

83-Bi-199



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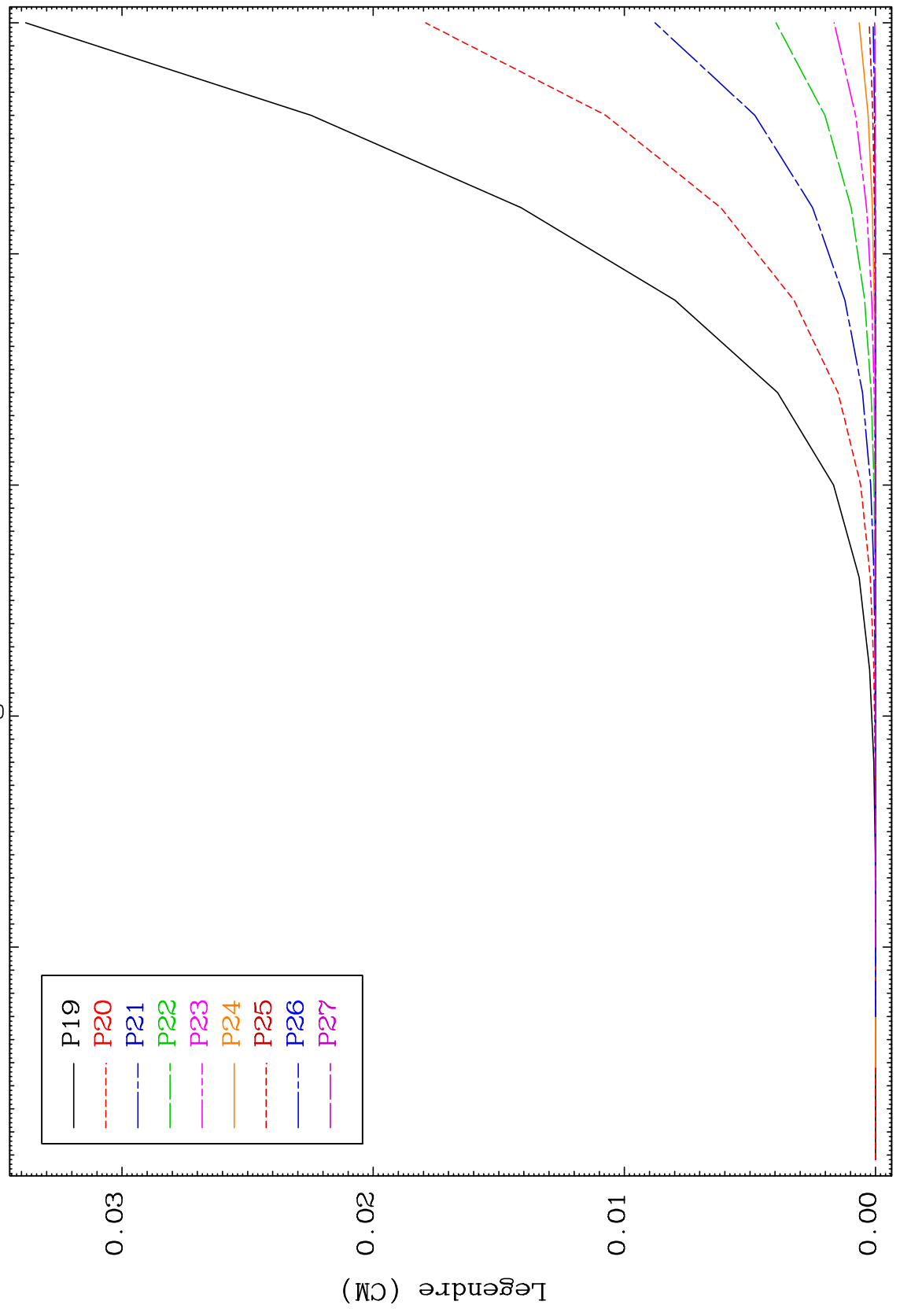
Incident Energy (MeV)

83-Bi-199

MAT 8295

Elastic Legendre Coefficients

83-Bi-199



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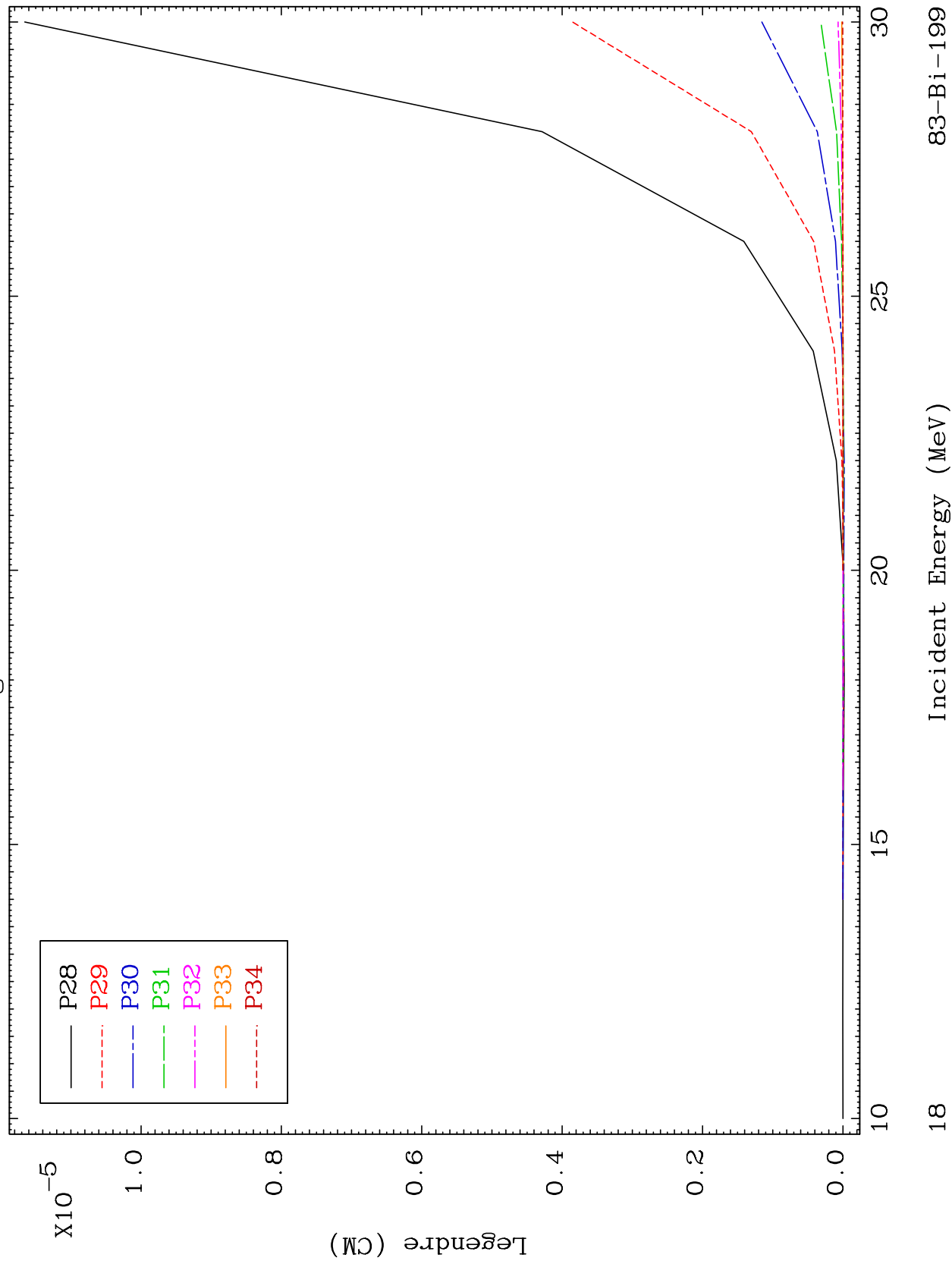
Incident Energy (MeV)

83-Bi-199

MAT 8295

Elastic Legendre Coefficients

83-Bi-199



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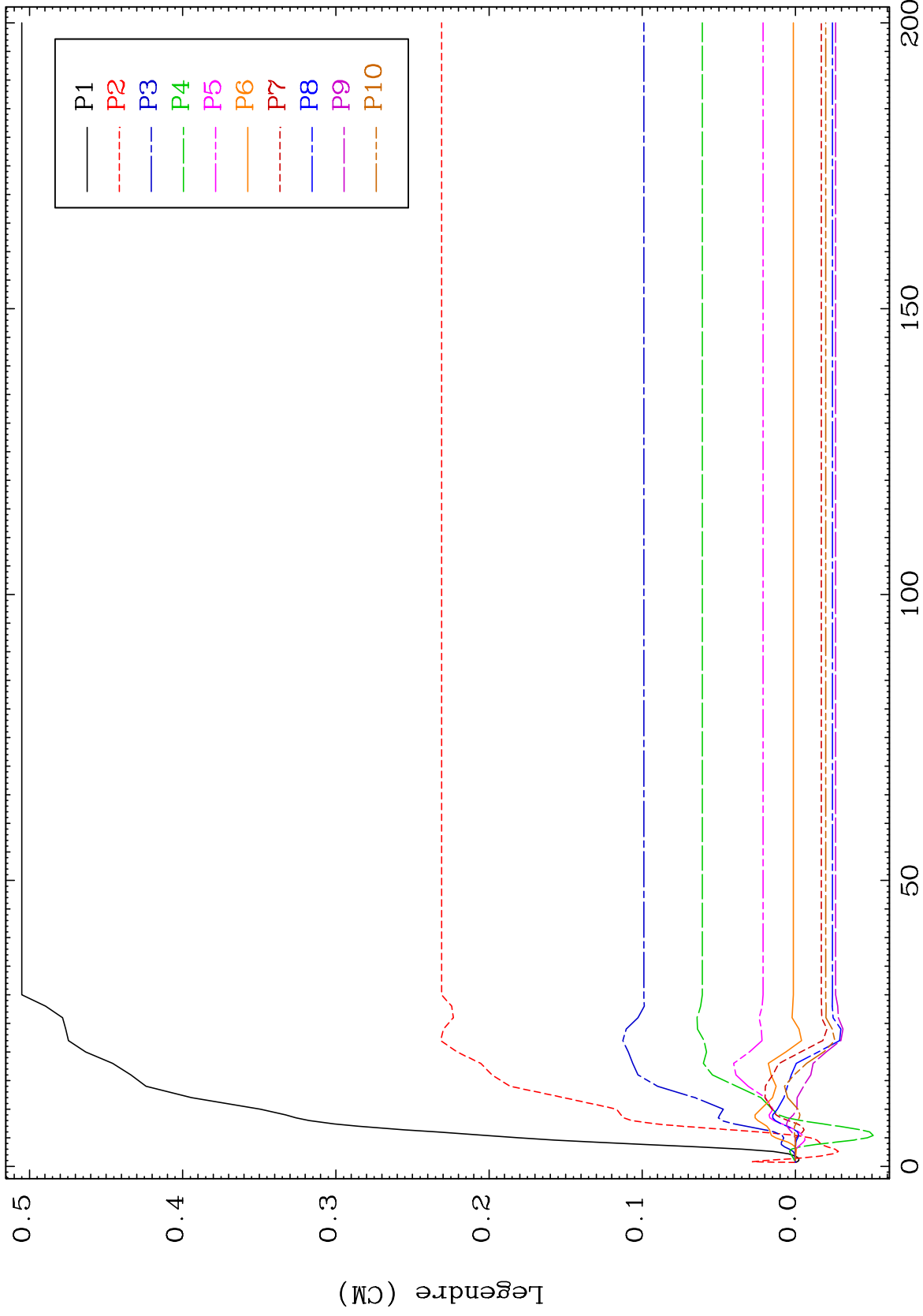
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



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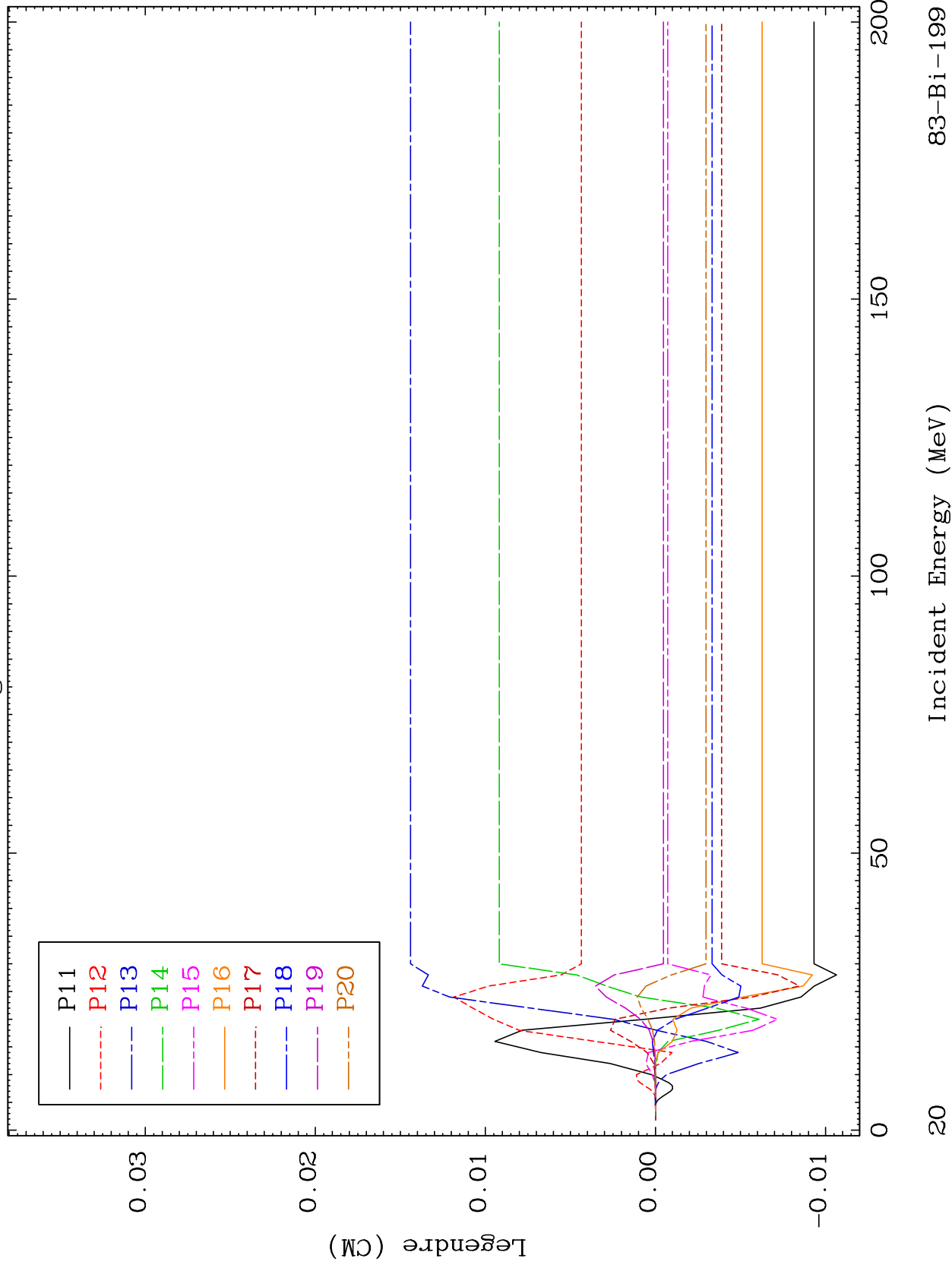
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



83-Bi-199

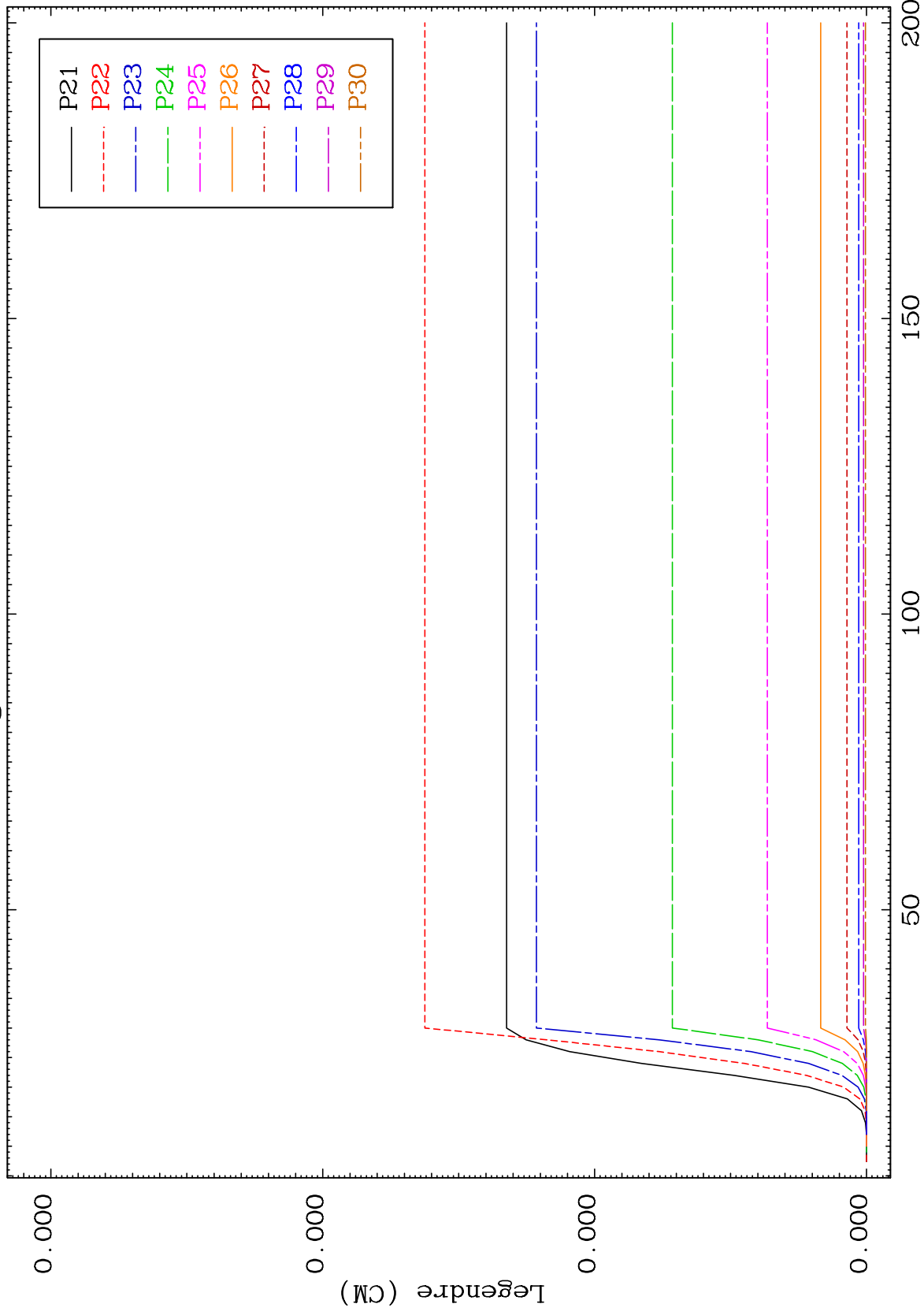
Incident Energy (MeV)

Legendre (CM)

MAT 8295

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

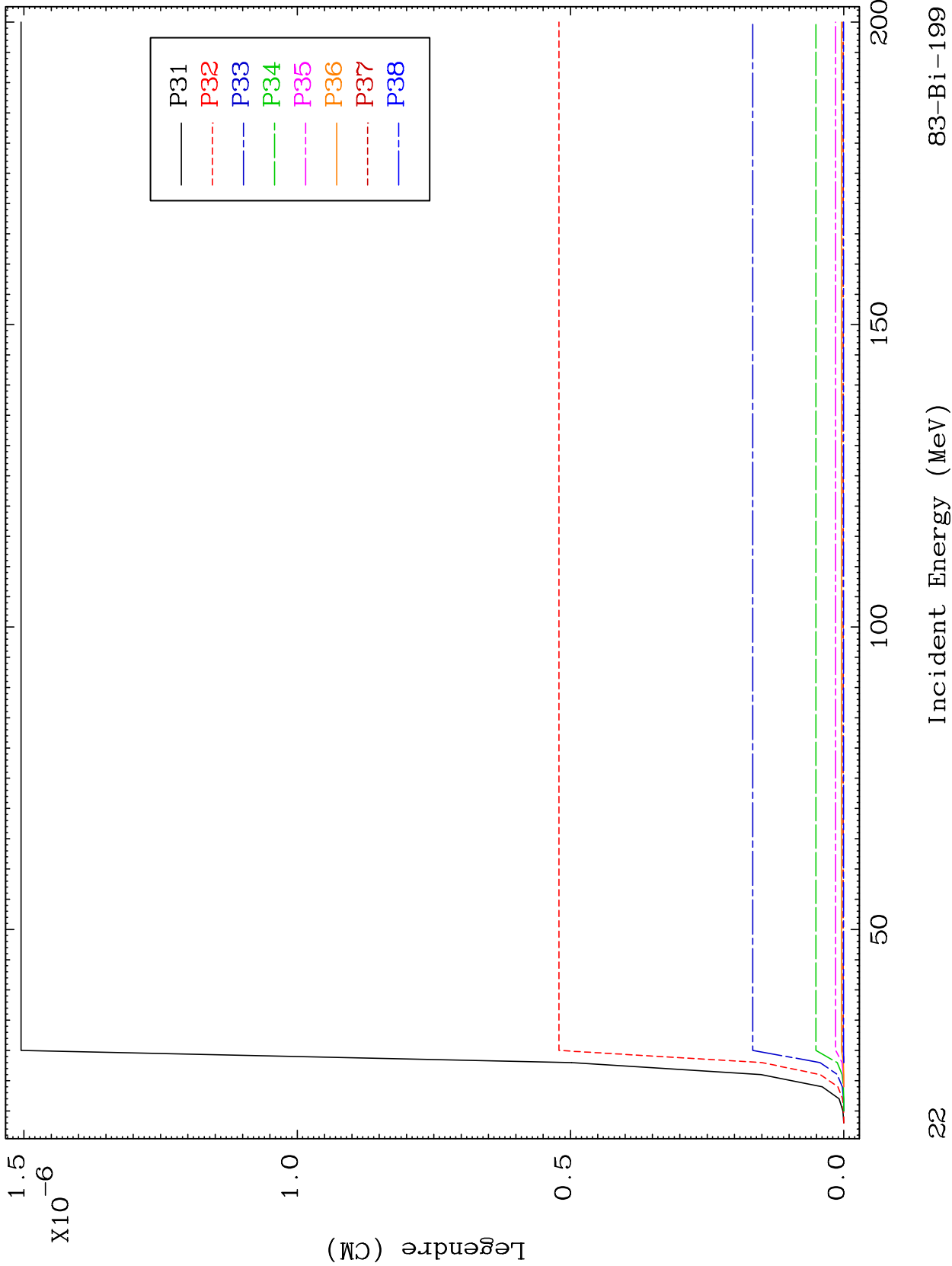
83-Bi-199



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Incident Energy (MeV)

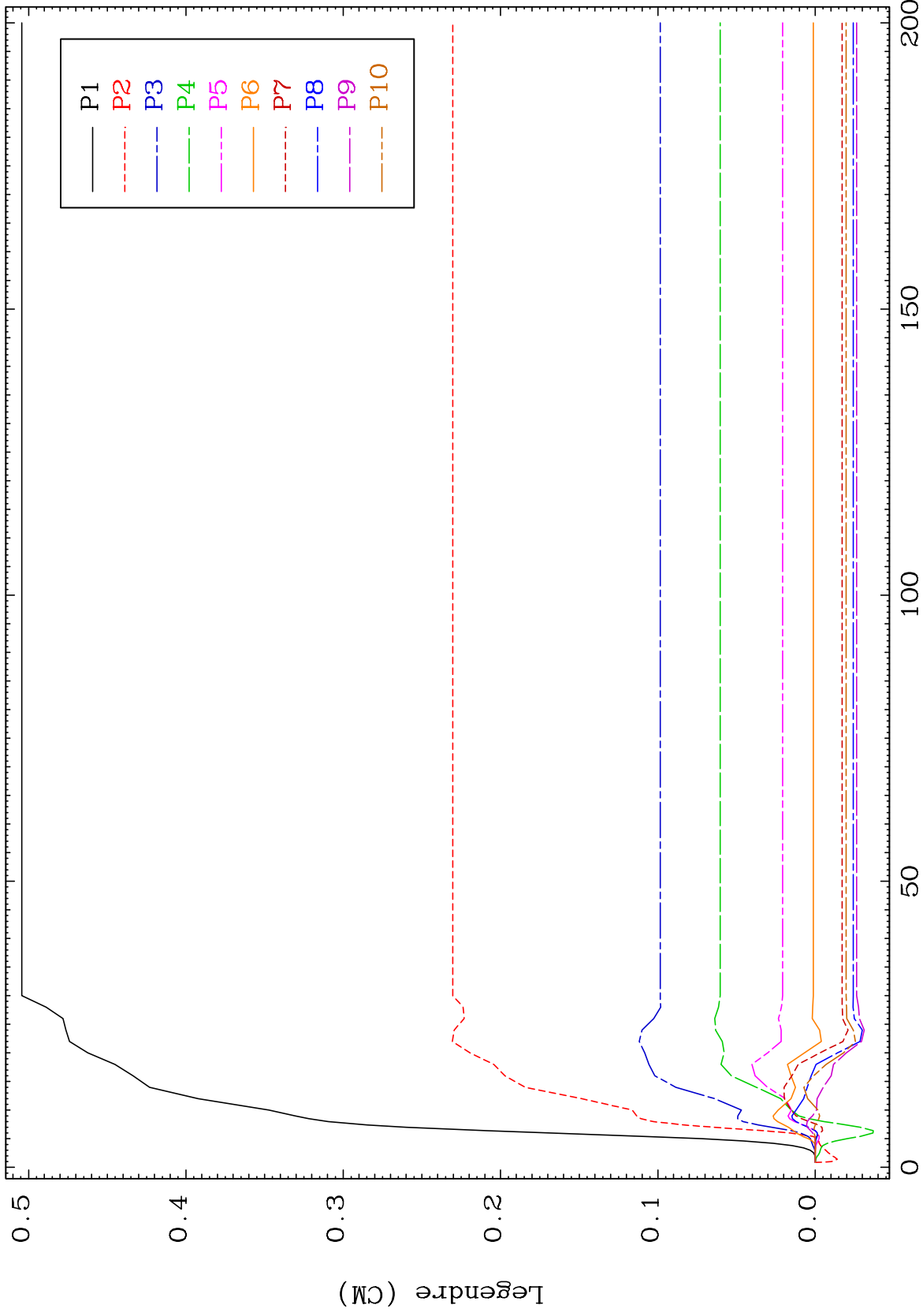
83-Bi-199



MAT 8295

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

83-Bi-199



23

Incident Energy (MeV)

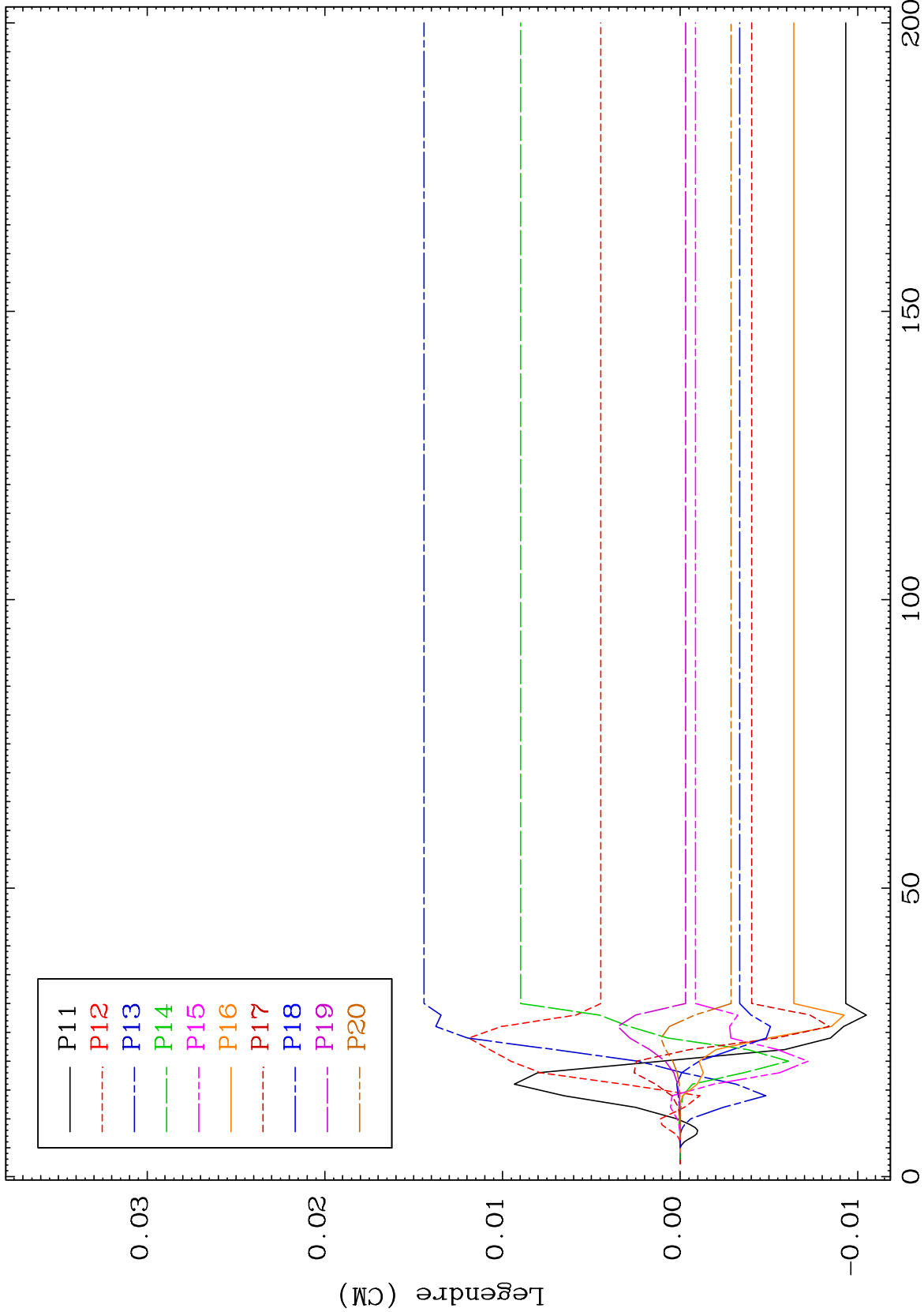
83-Bi-199



MAT 8295

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

83-Bi-199



24

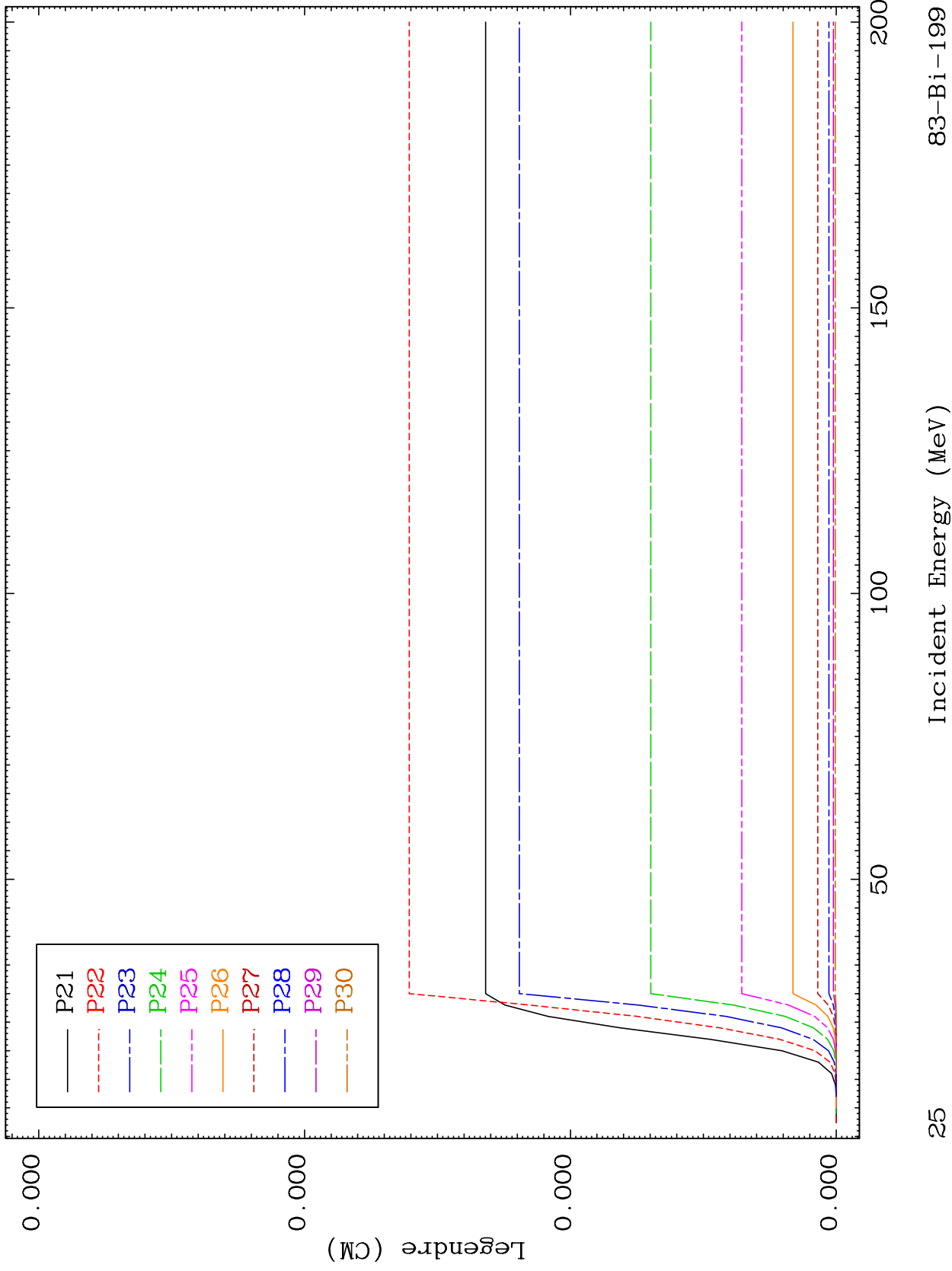
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

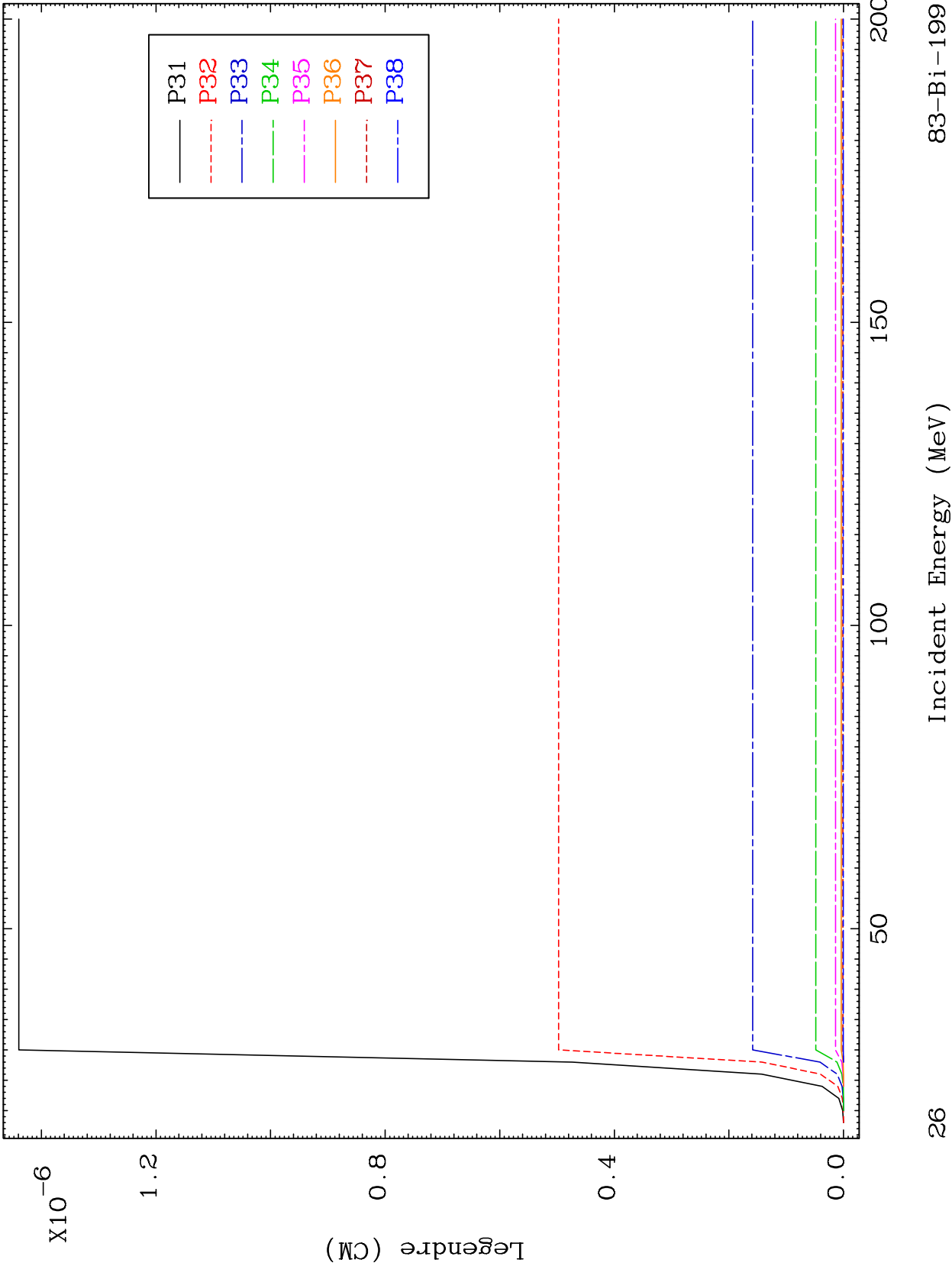
83-Bi-199



25

Incident Energy (MeV)

83-Bi-199

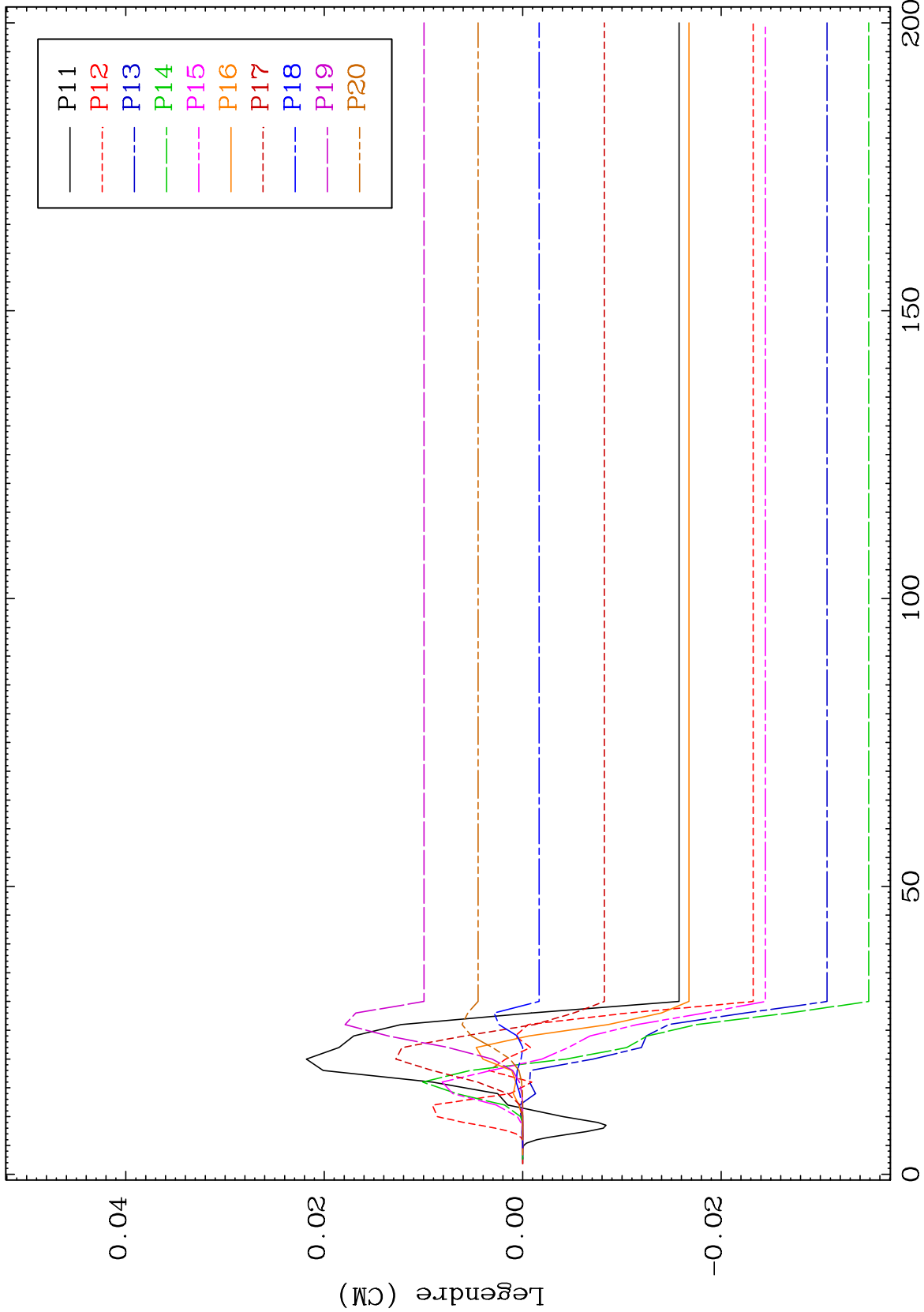




MAT 8295

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

83-Bi-199



28

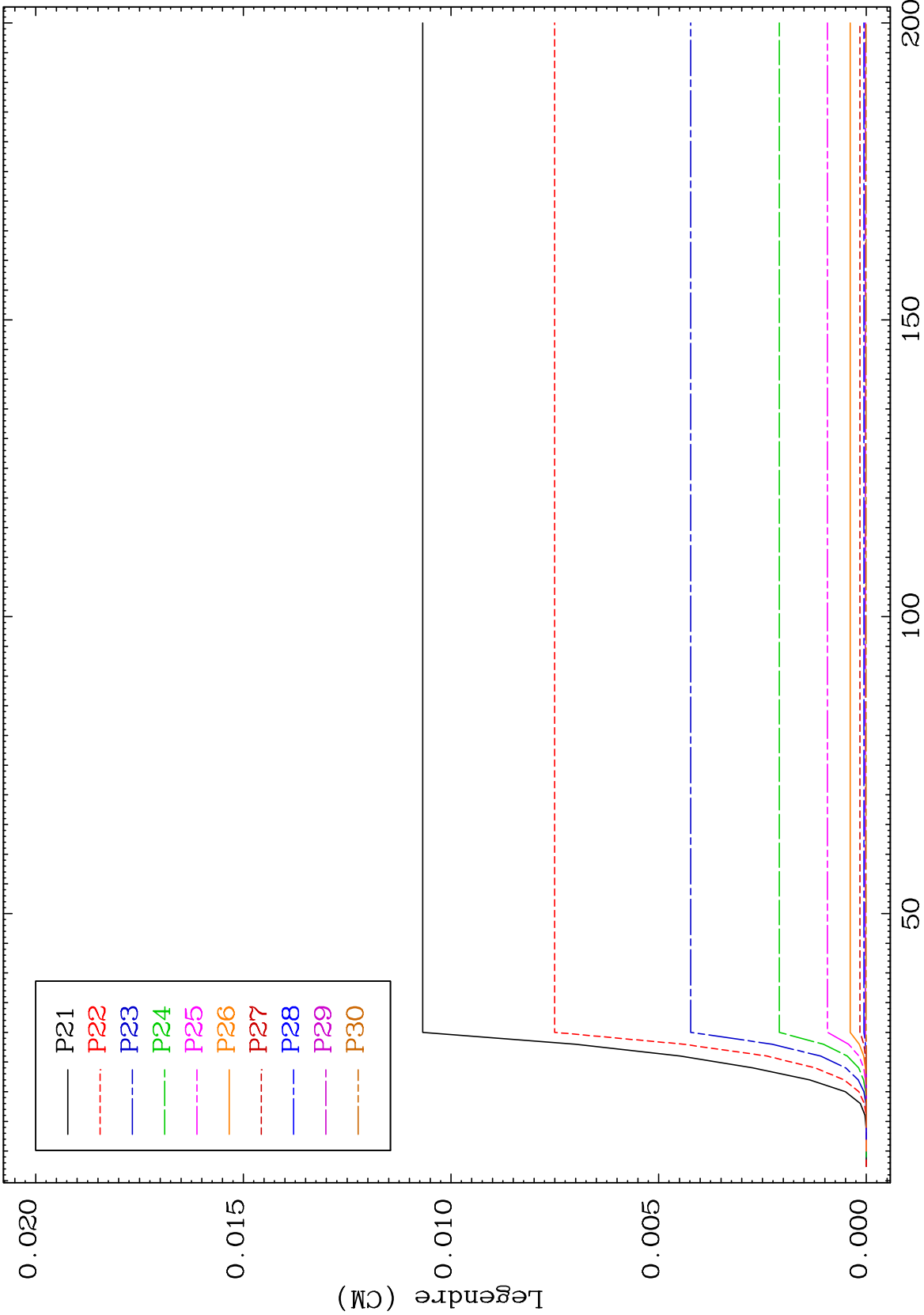
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



29

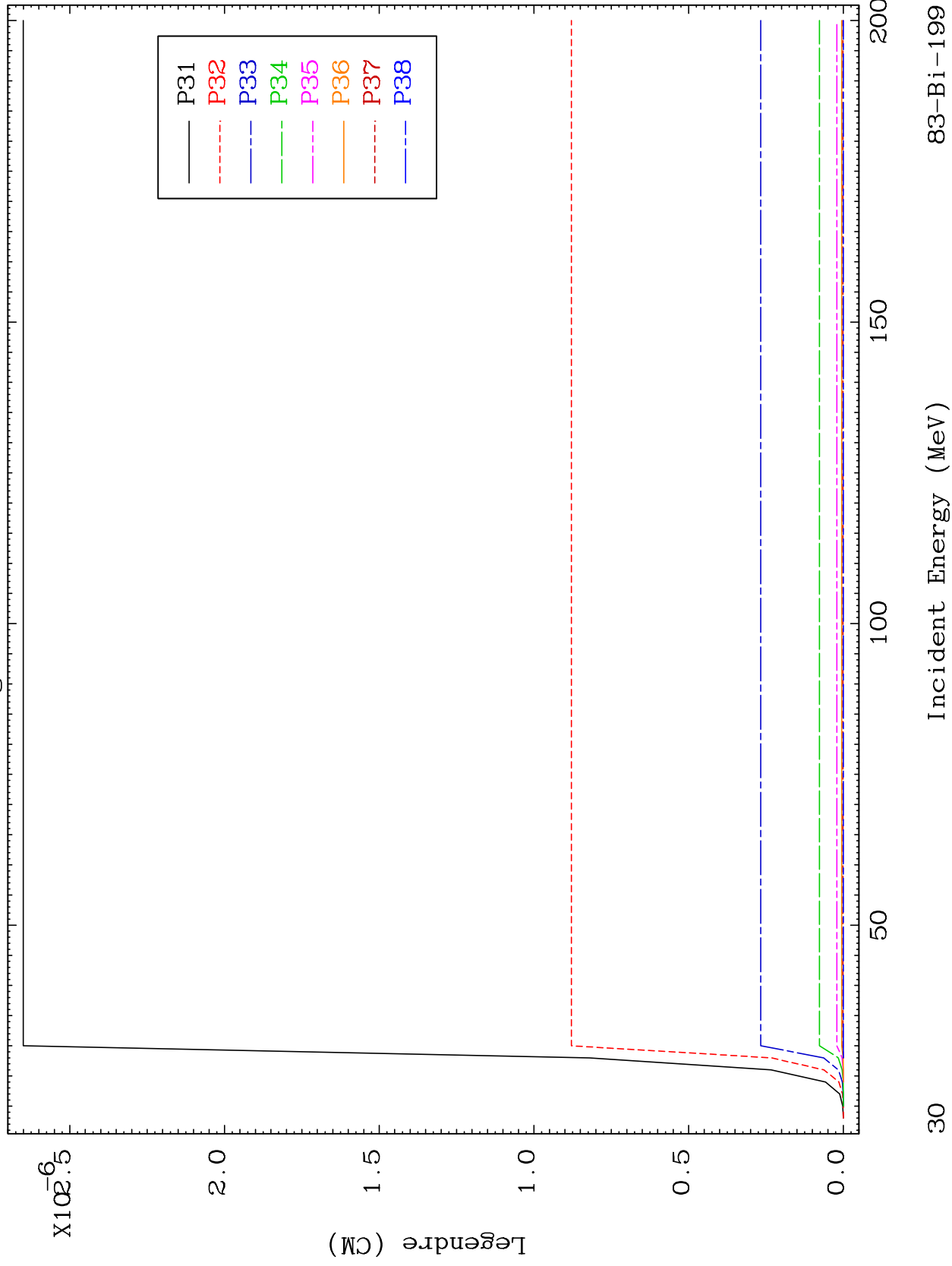
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199

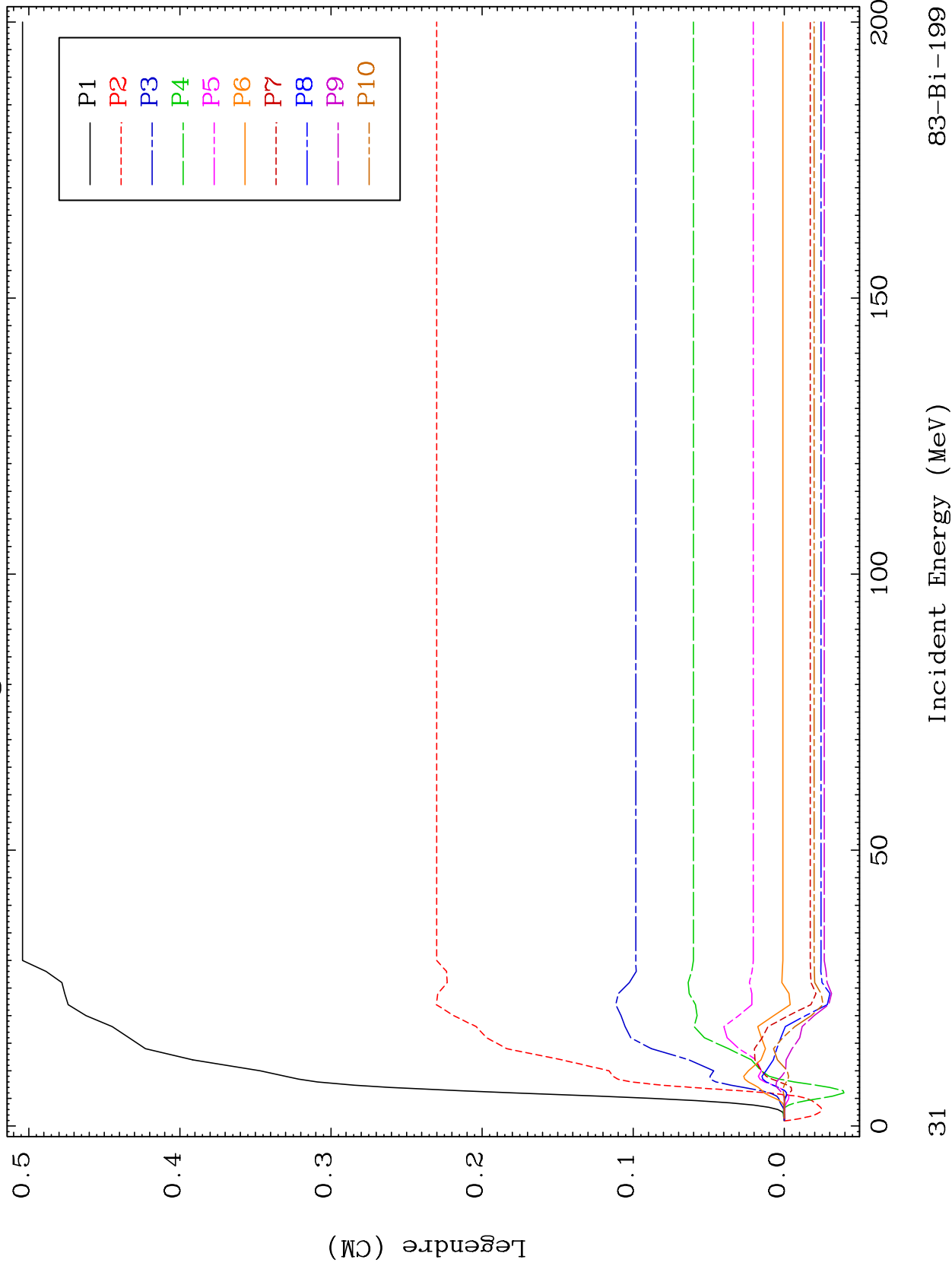


MAT 8295

MT= 54 (n,n') Level

83-Bi-199

Legendre Coefficients

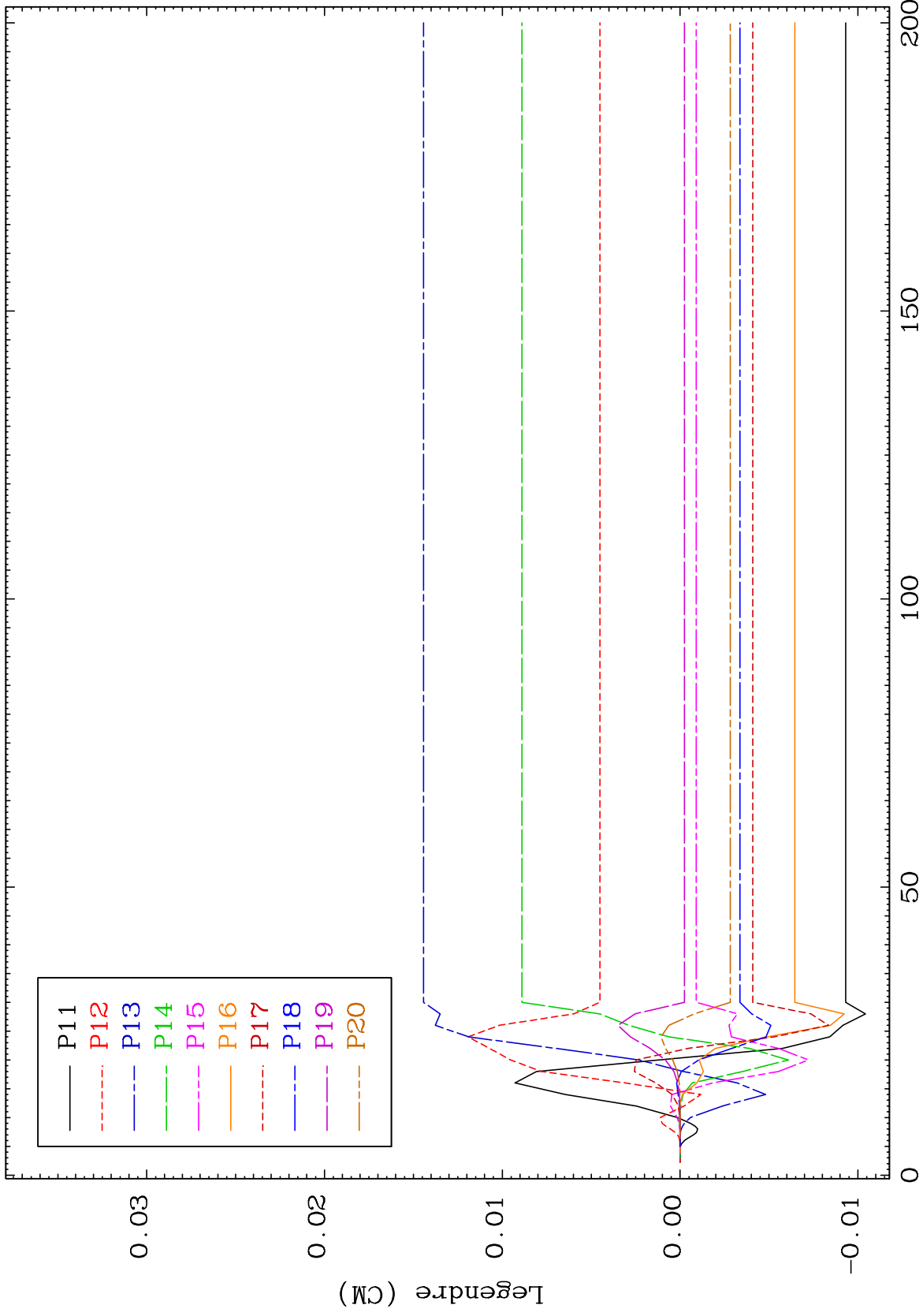




MAT 8295

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

83-Bi-199



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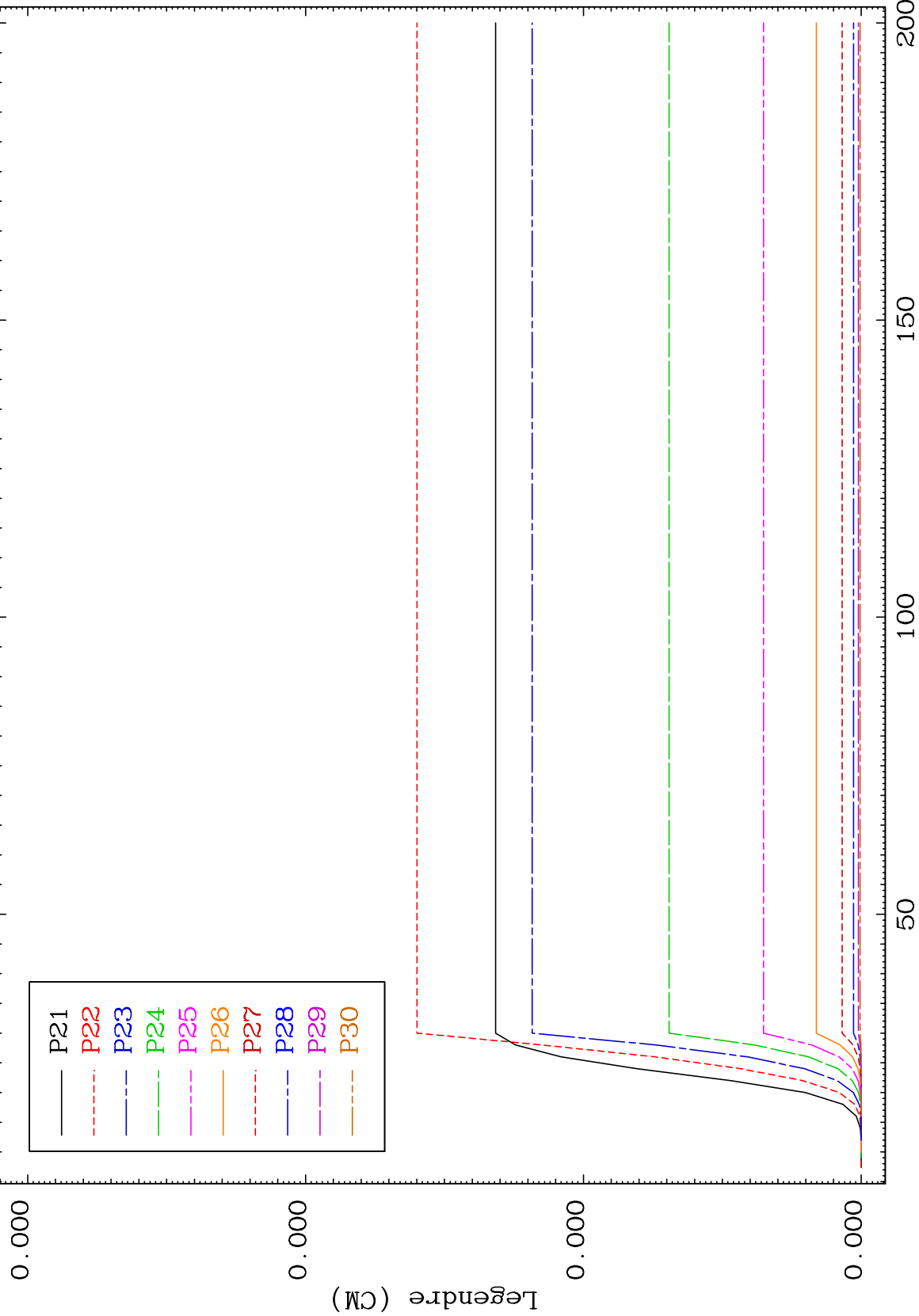
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

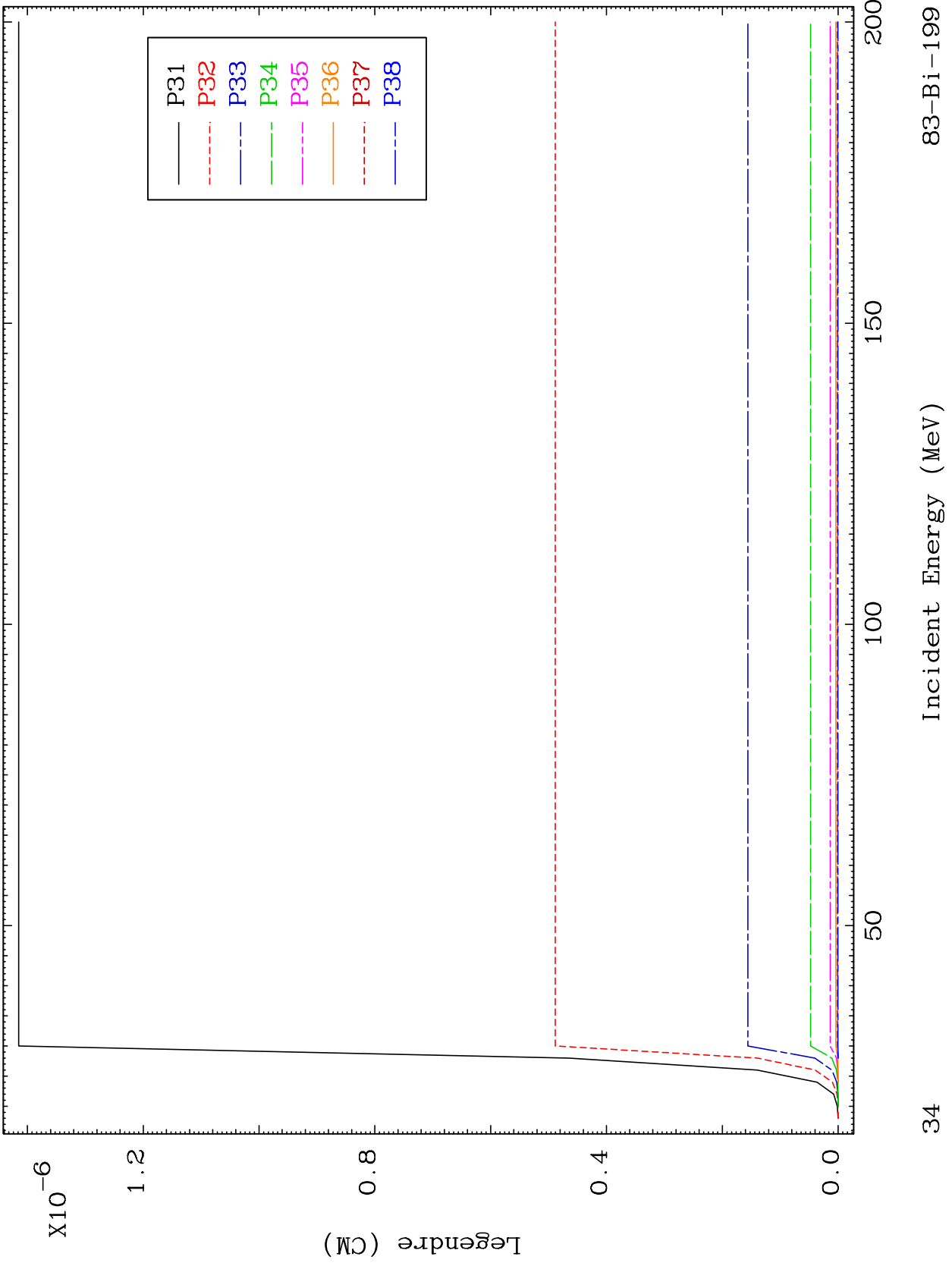
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MAT 8295

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

83-Bi-199

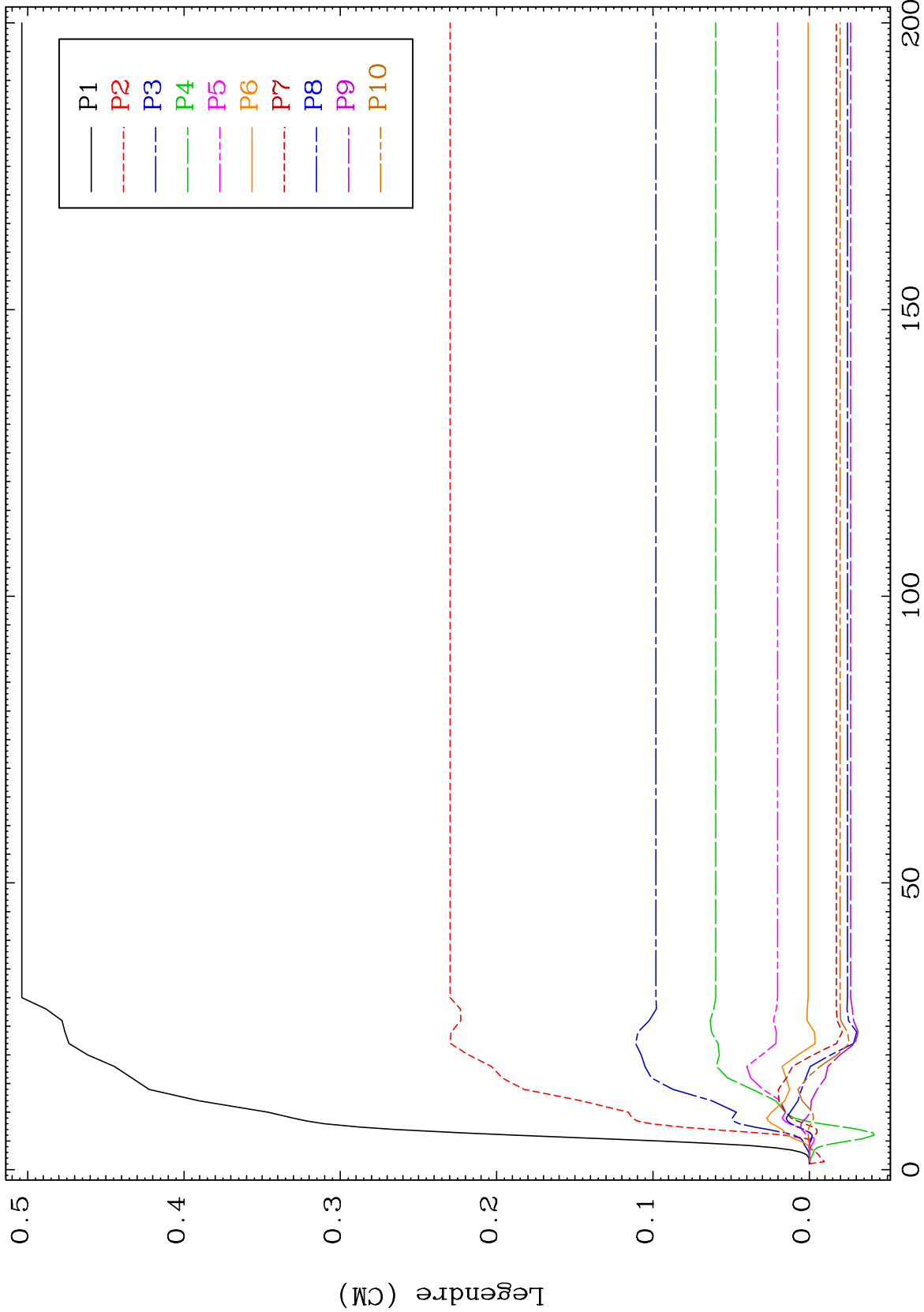


MAT 8295

MT= 55 (n,n') Level

83-Bi-199

Legendre Coefficients



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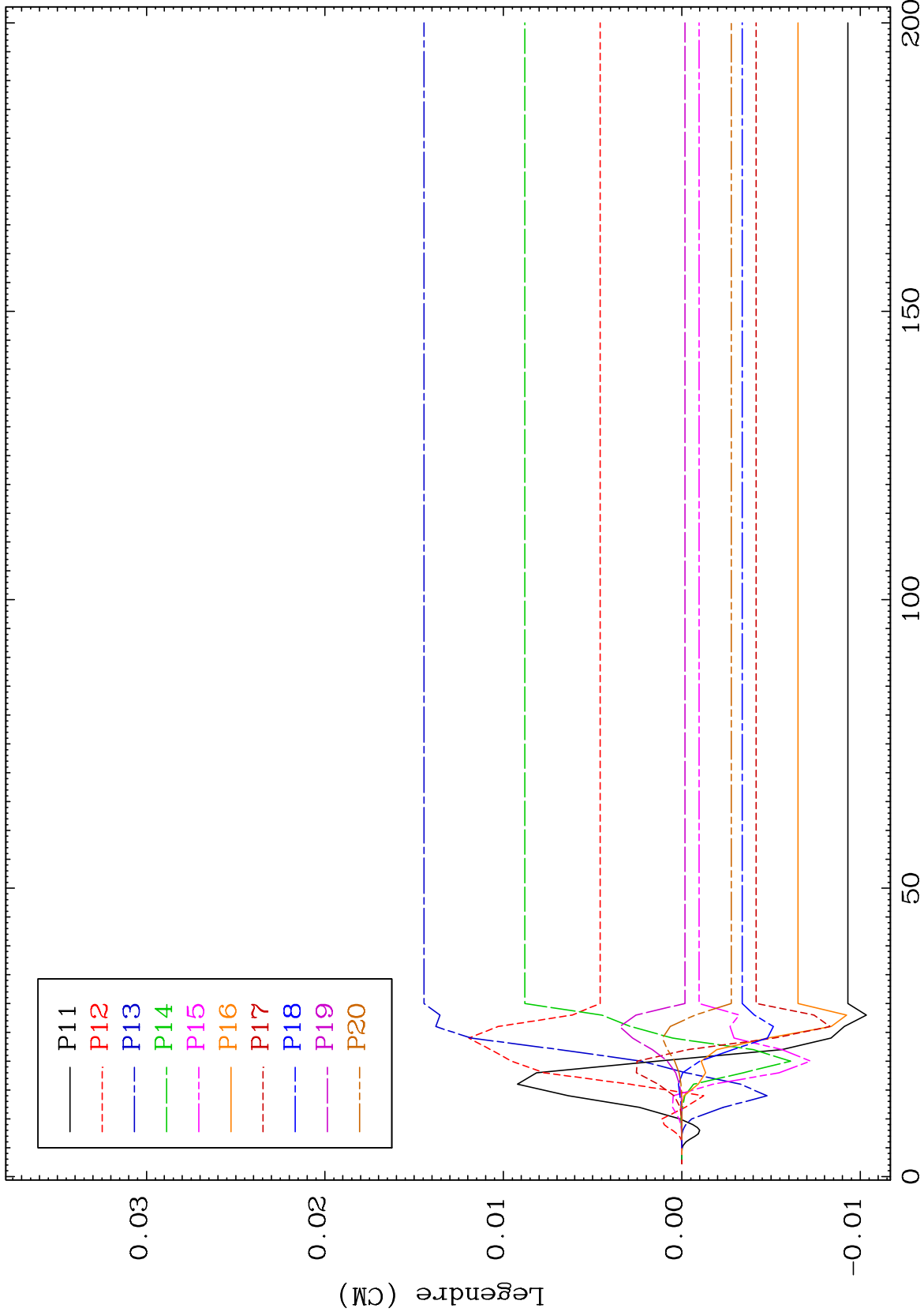
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



36

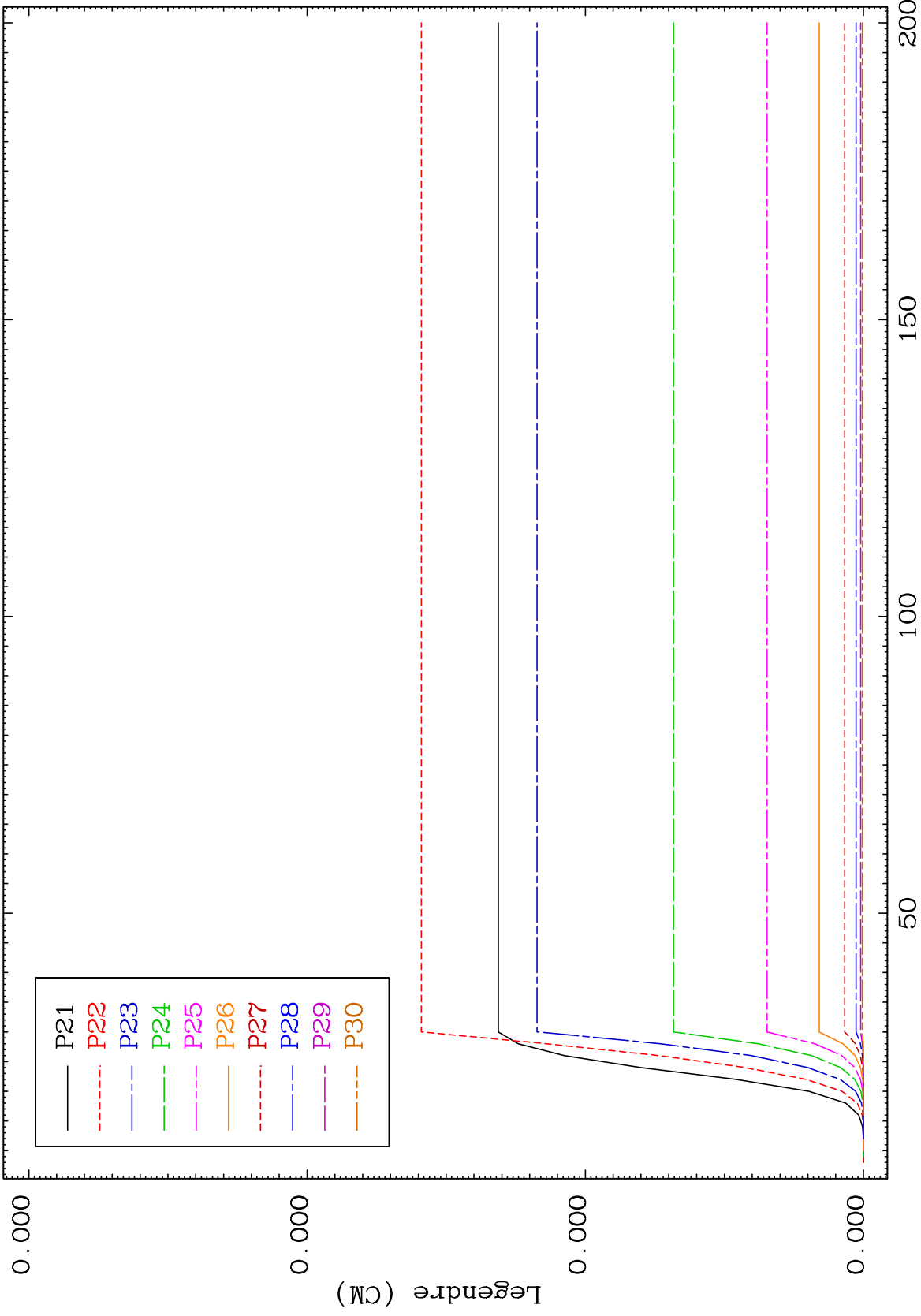
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



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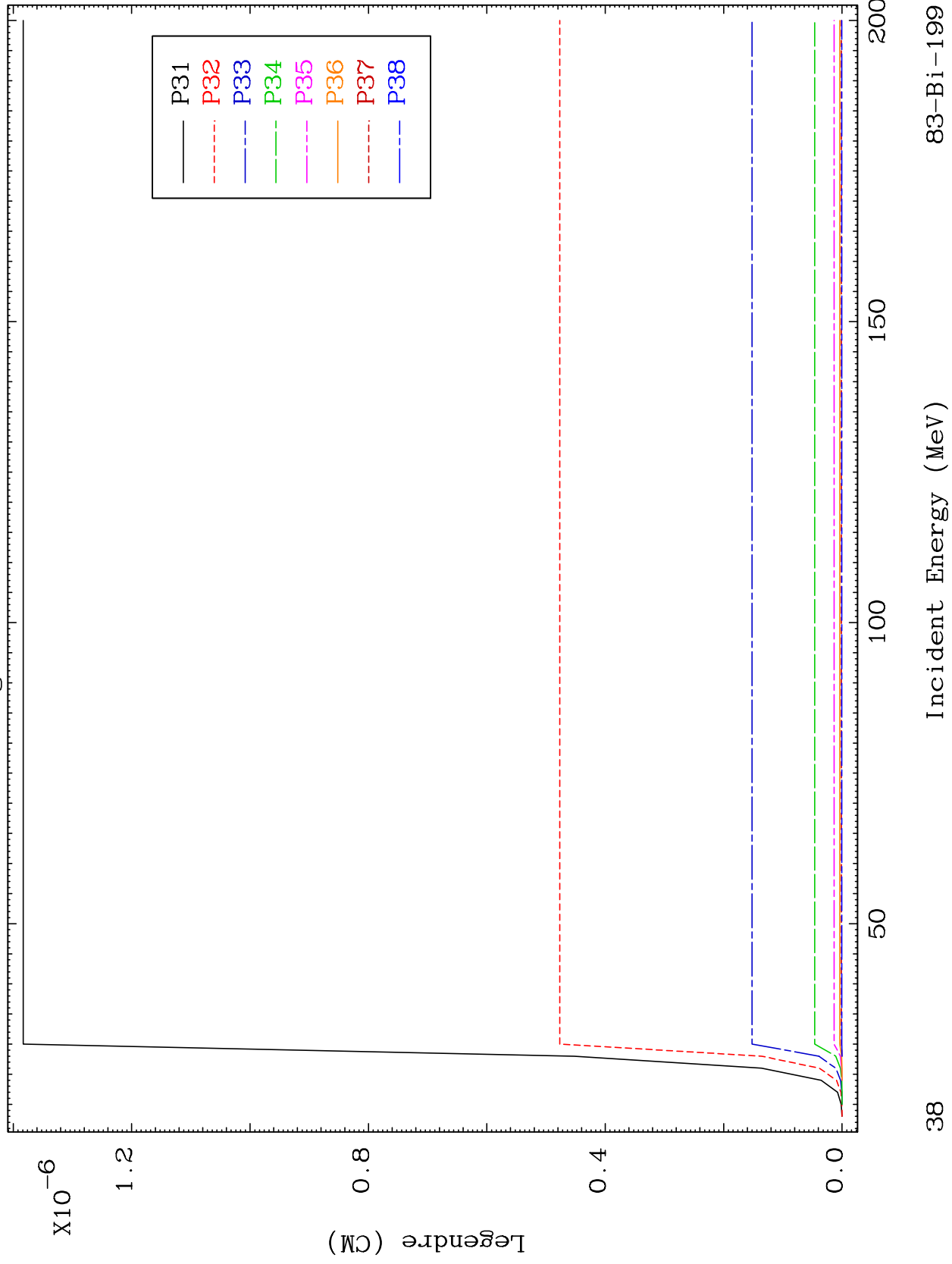
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

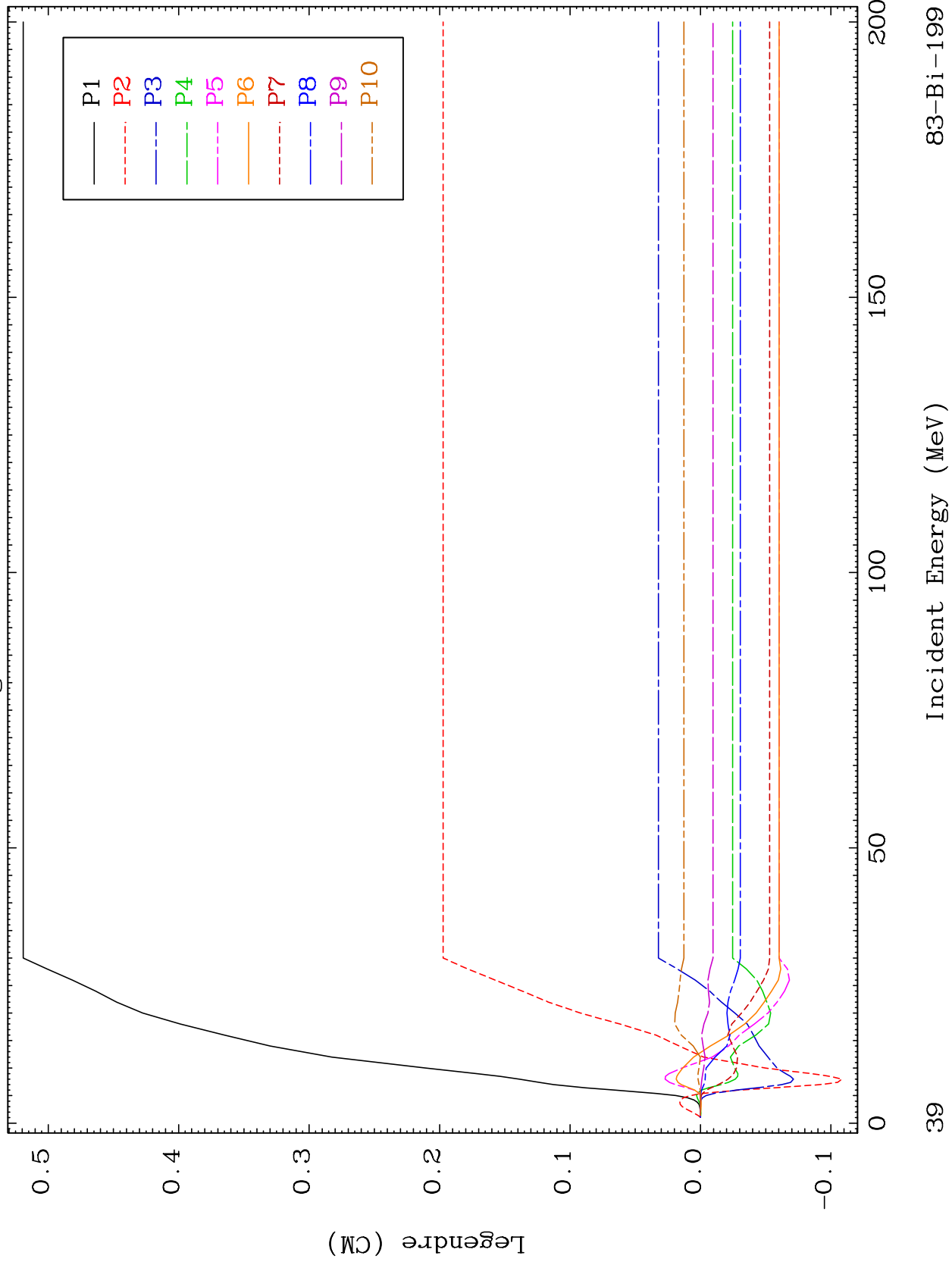
83-Bi-199



MAT 8295

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

83-Bi-199

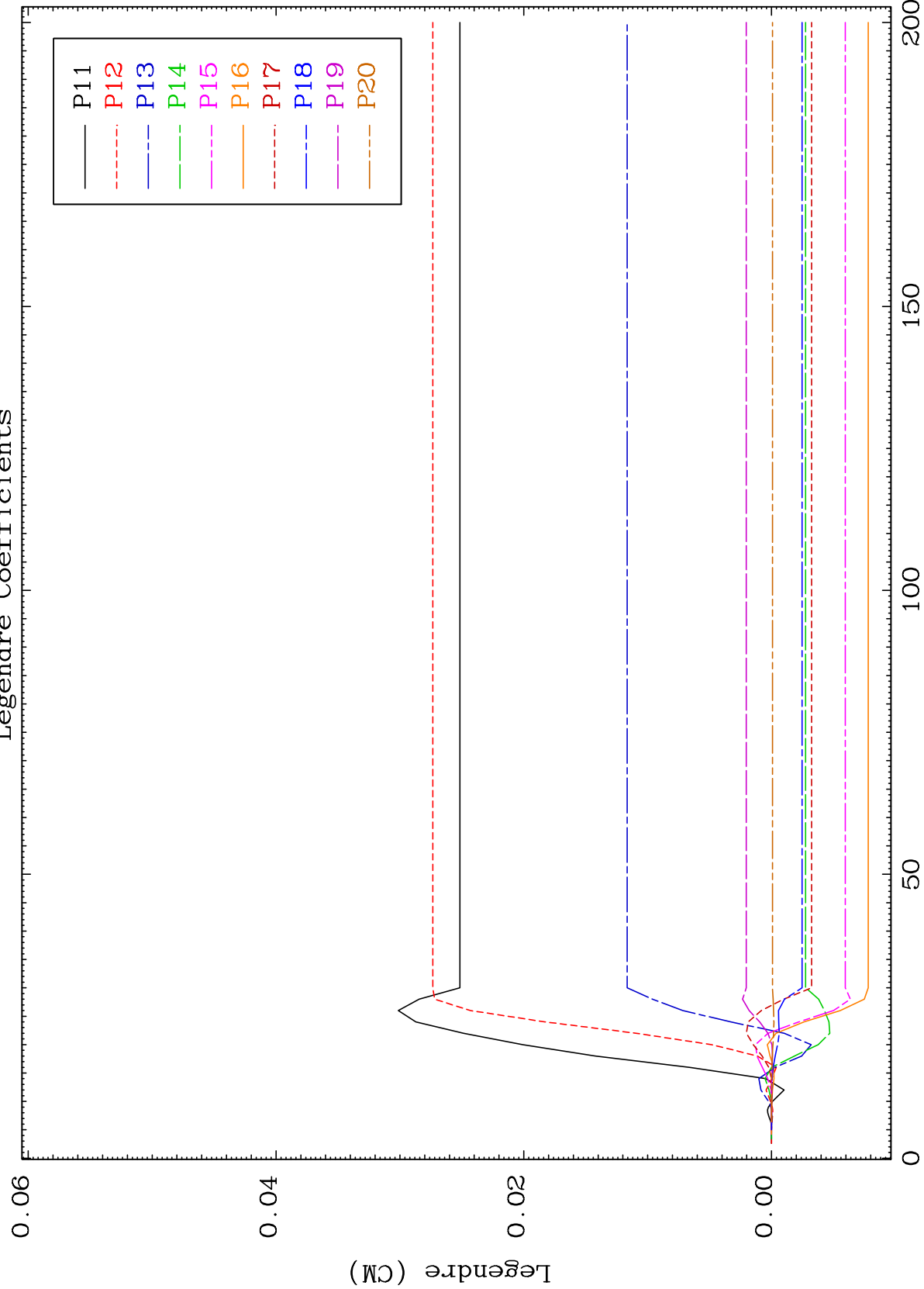




MAT 8295

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

83-Bi-199



83-Bi-199

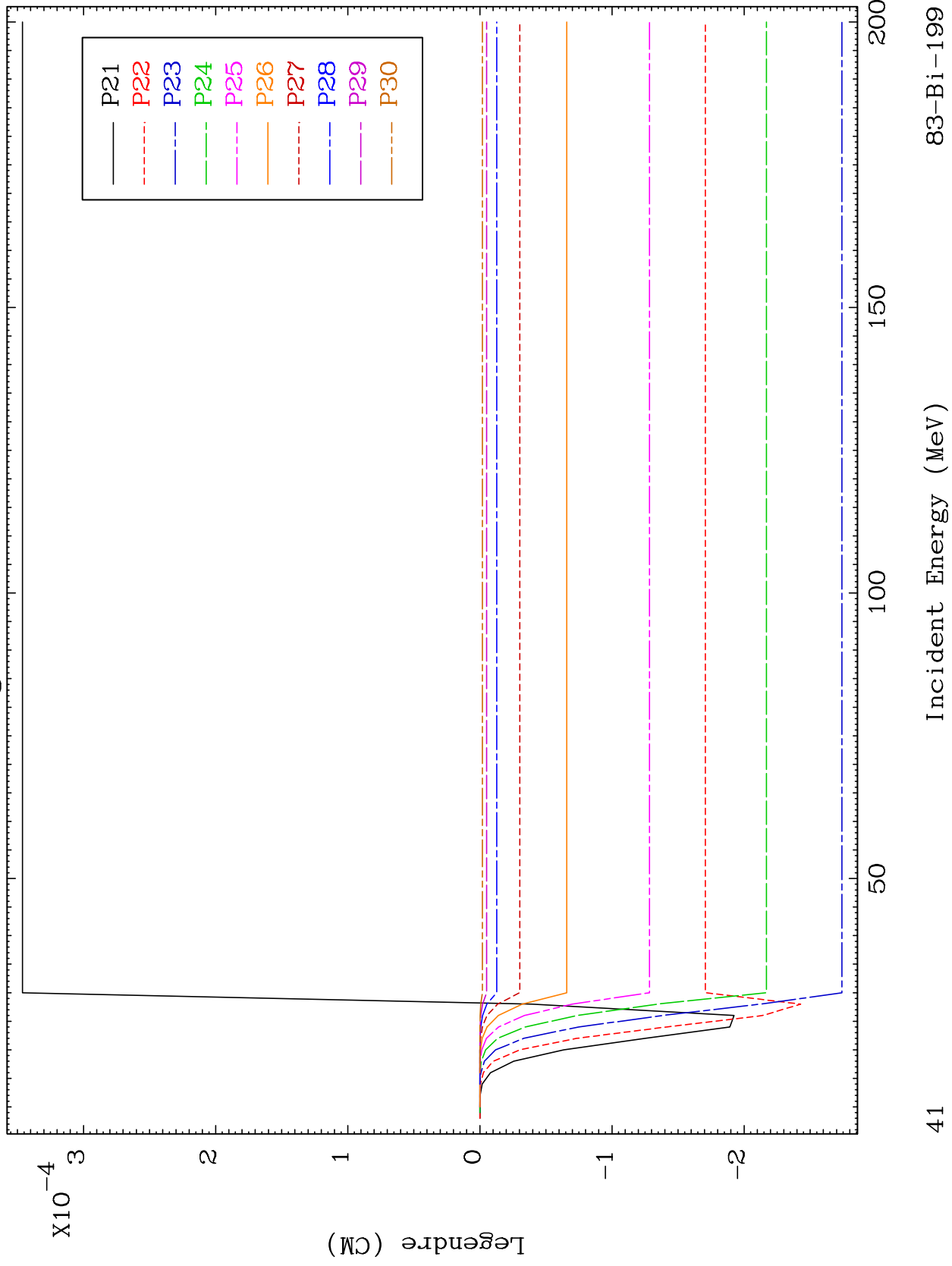
Incident Energy (MeV)

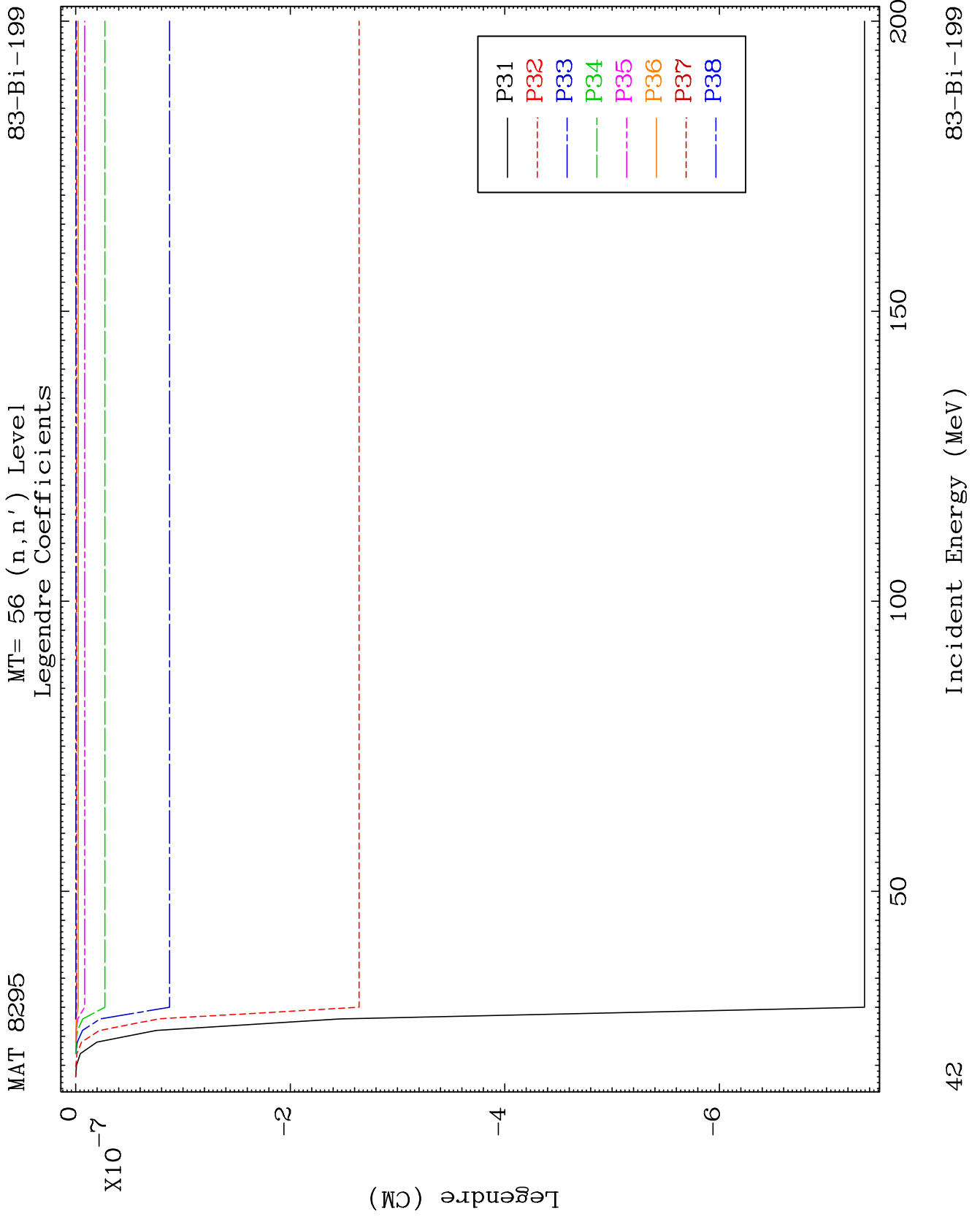
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MAT 8295

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

83-Bi-199

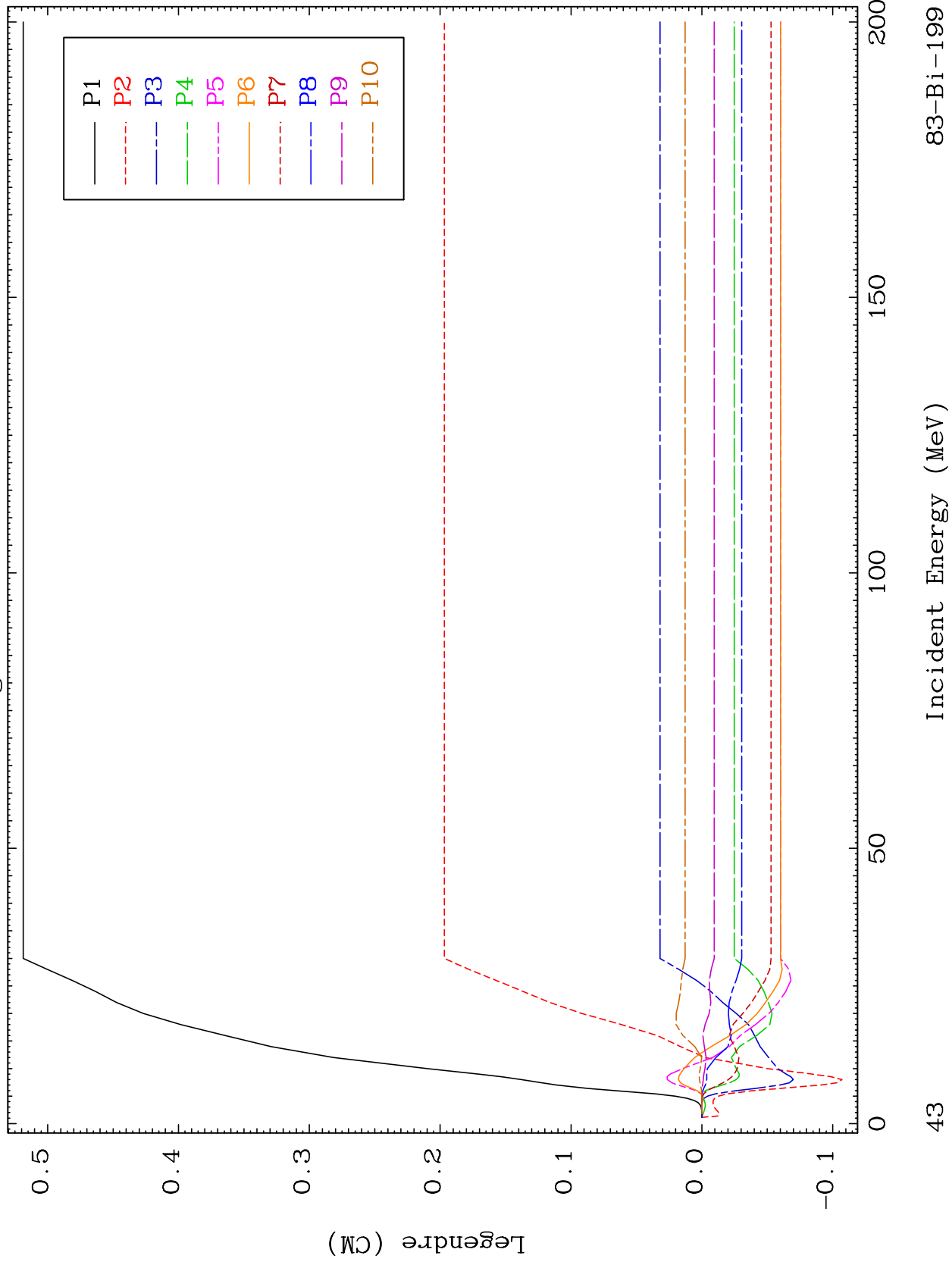




MAT 8295

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

83-Bi-199



83-Bi-199

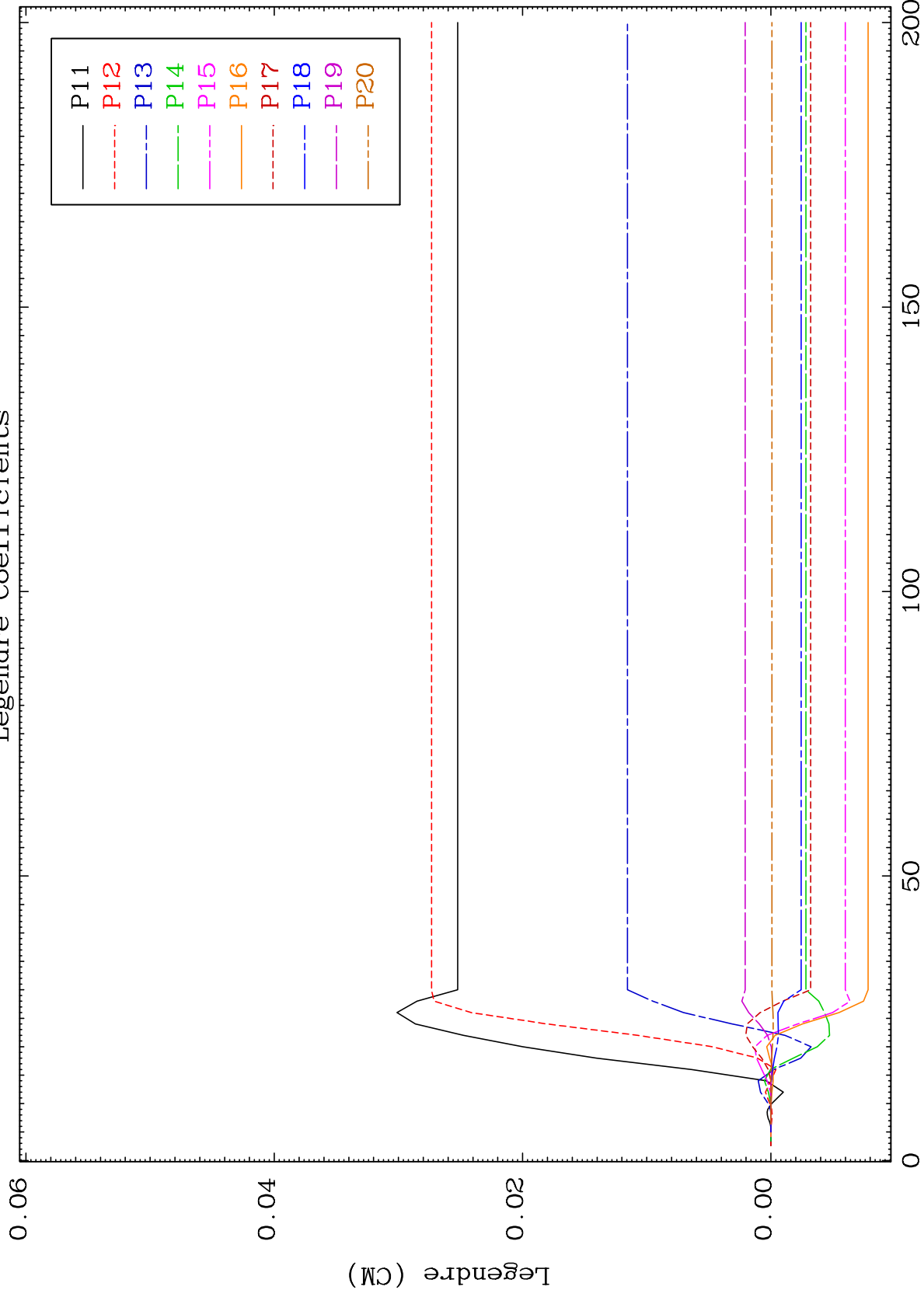
Incident Energy (MeV)

43

MAT 8295

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

83-Bi-199



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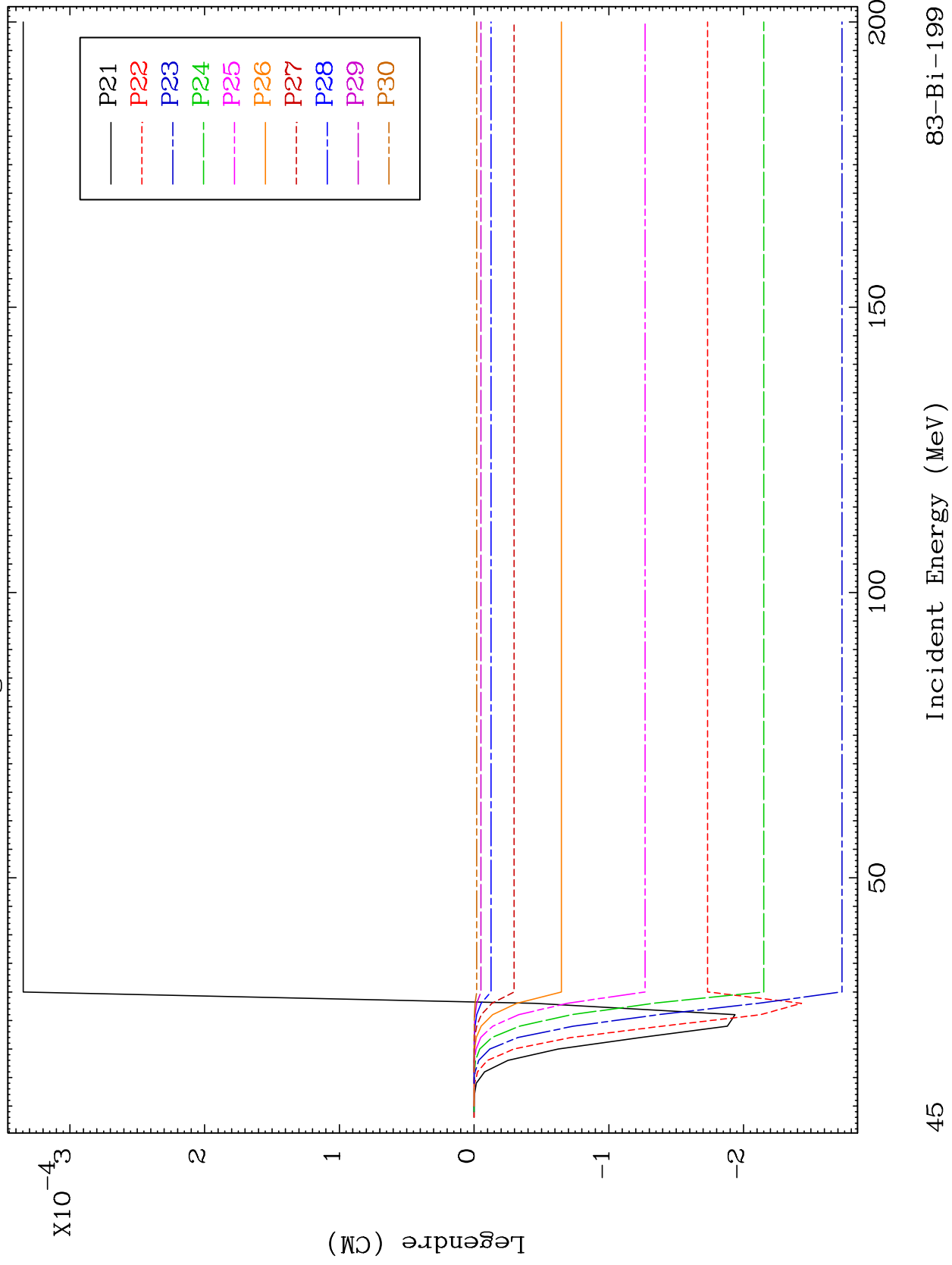
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

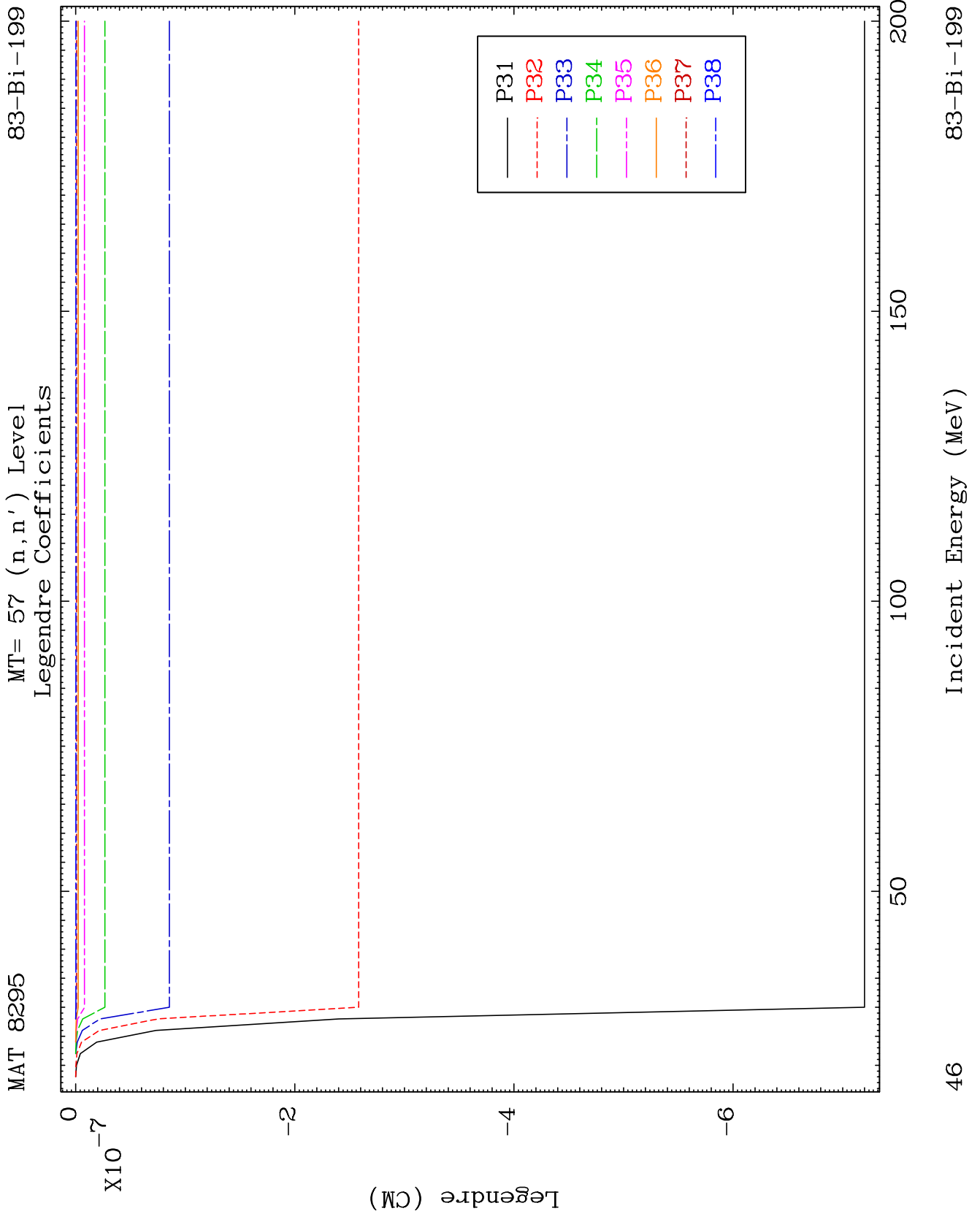
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Incident Energy (MeV)

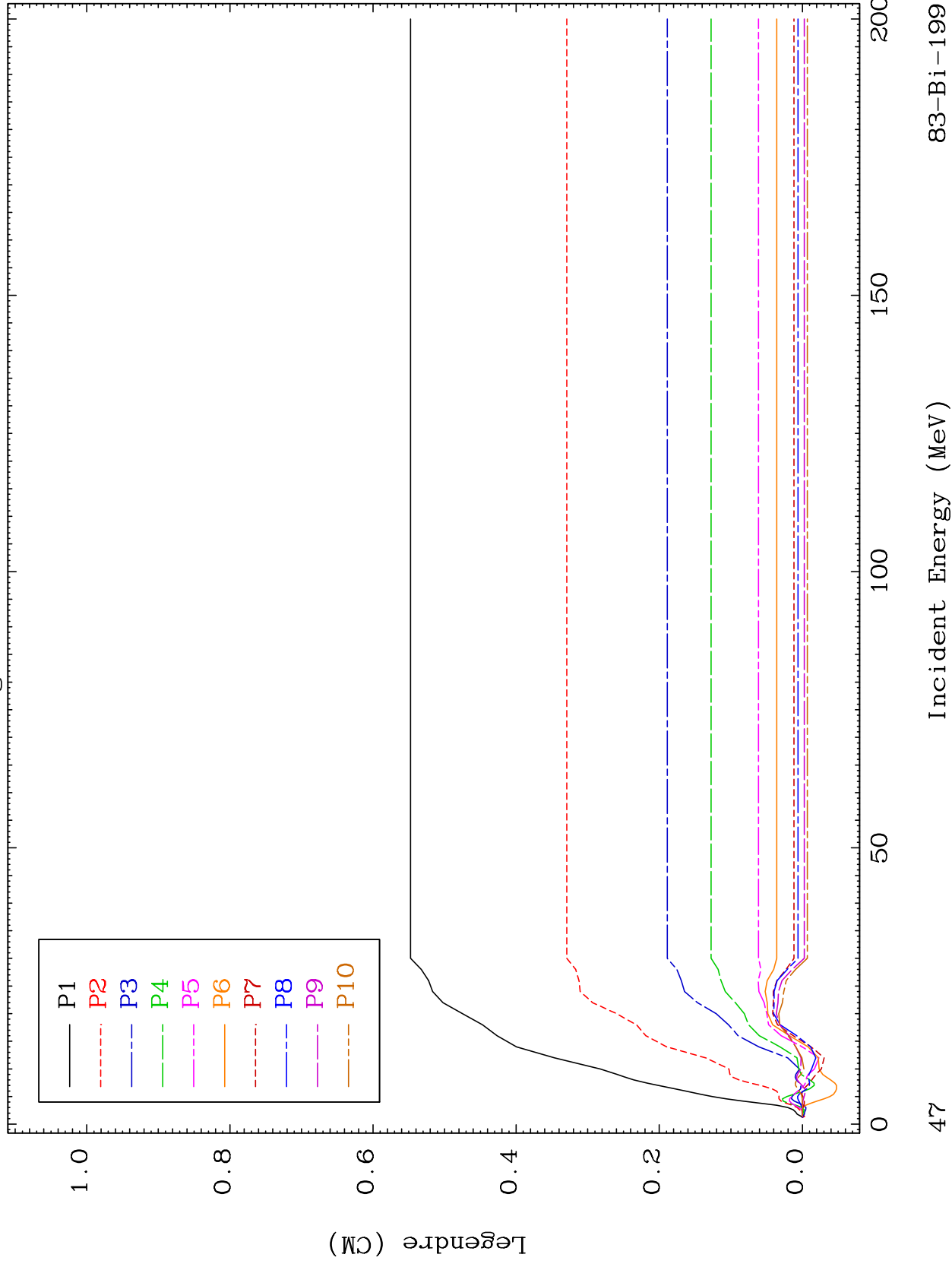
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MAT 8295

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

83-Bi-199

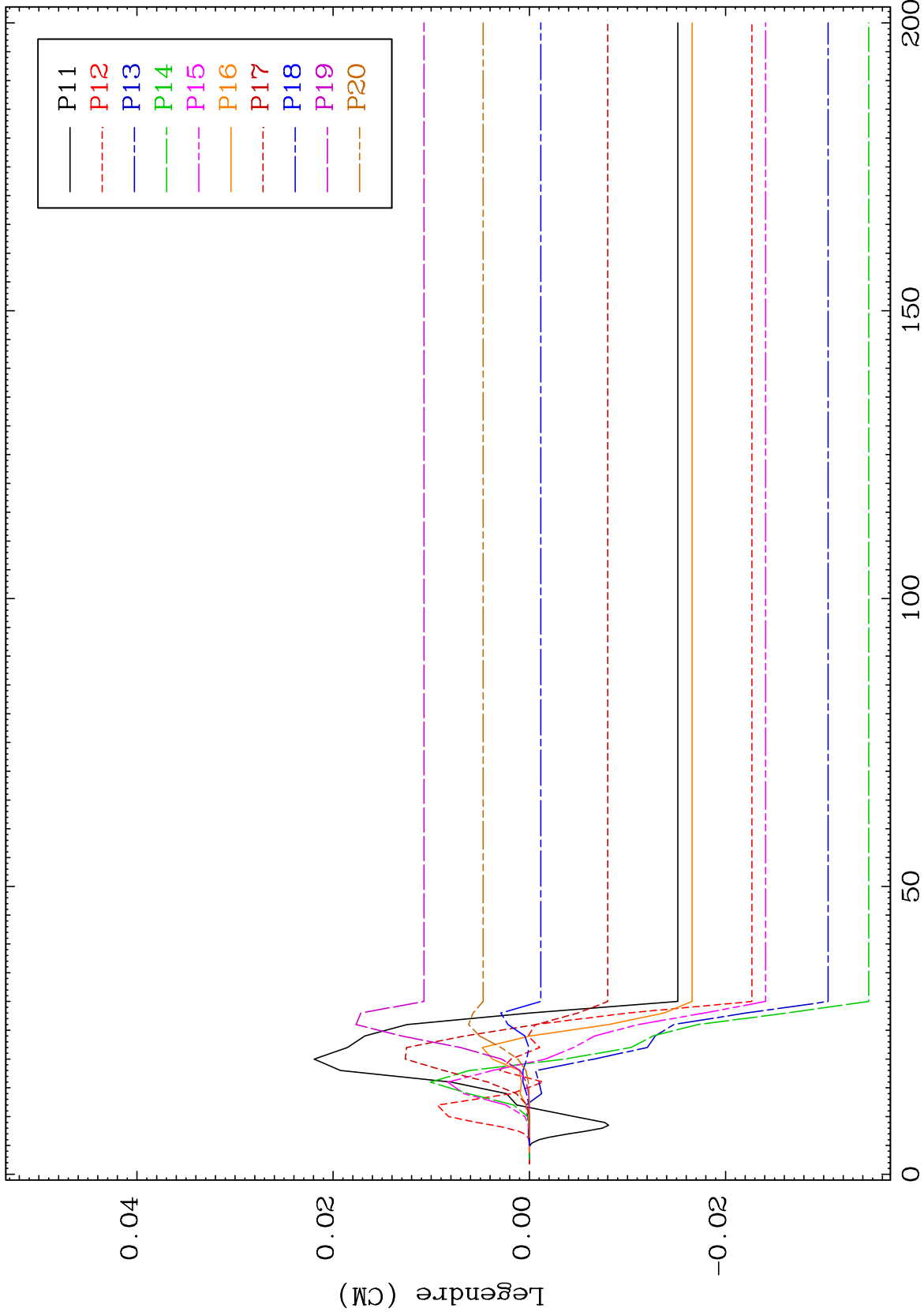




MAT 8295

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

83-Bi-199



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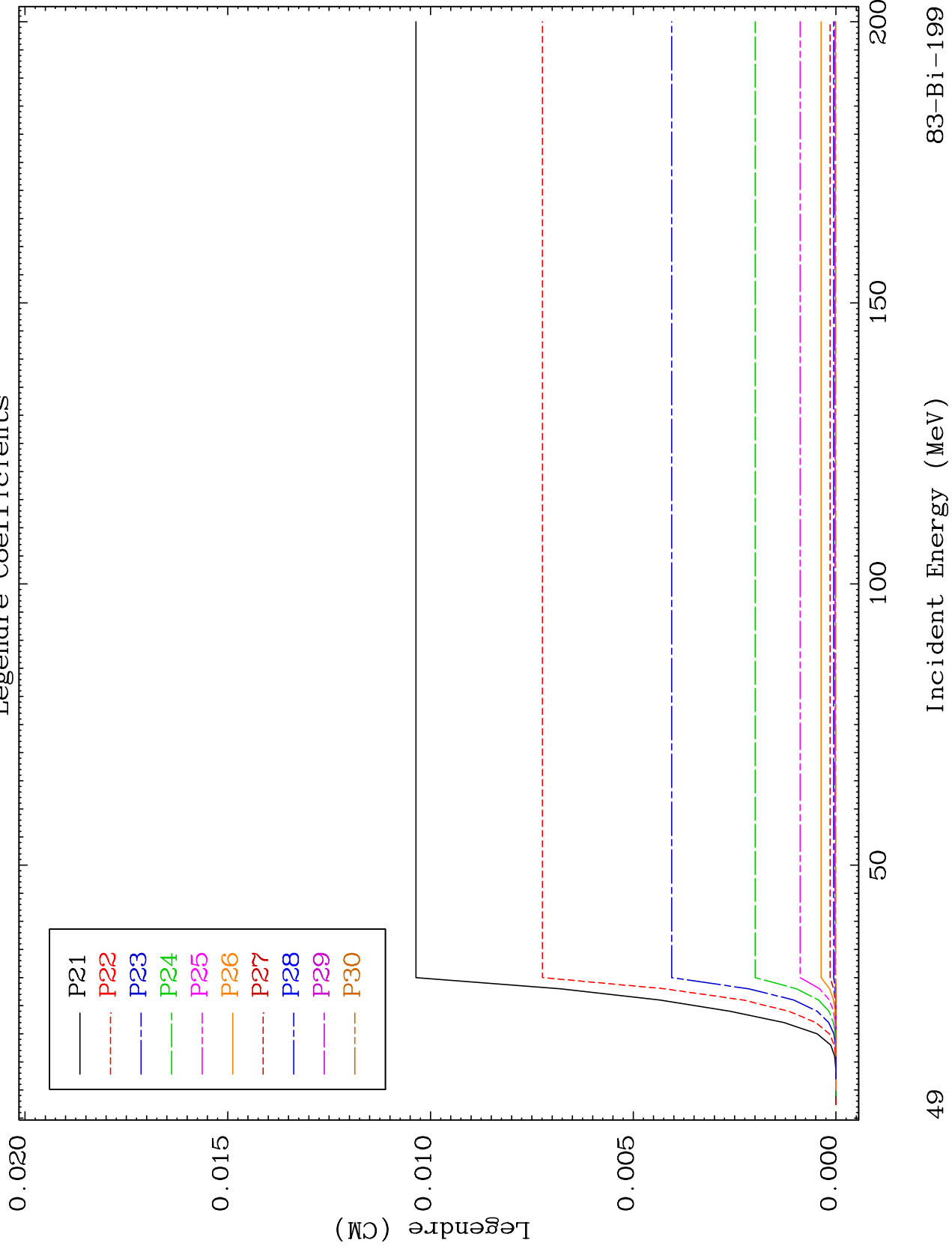
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



49

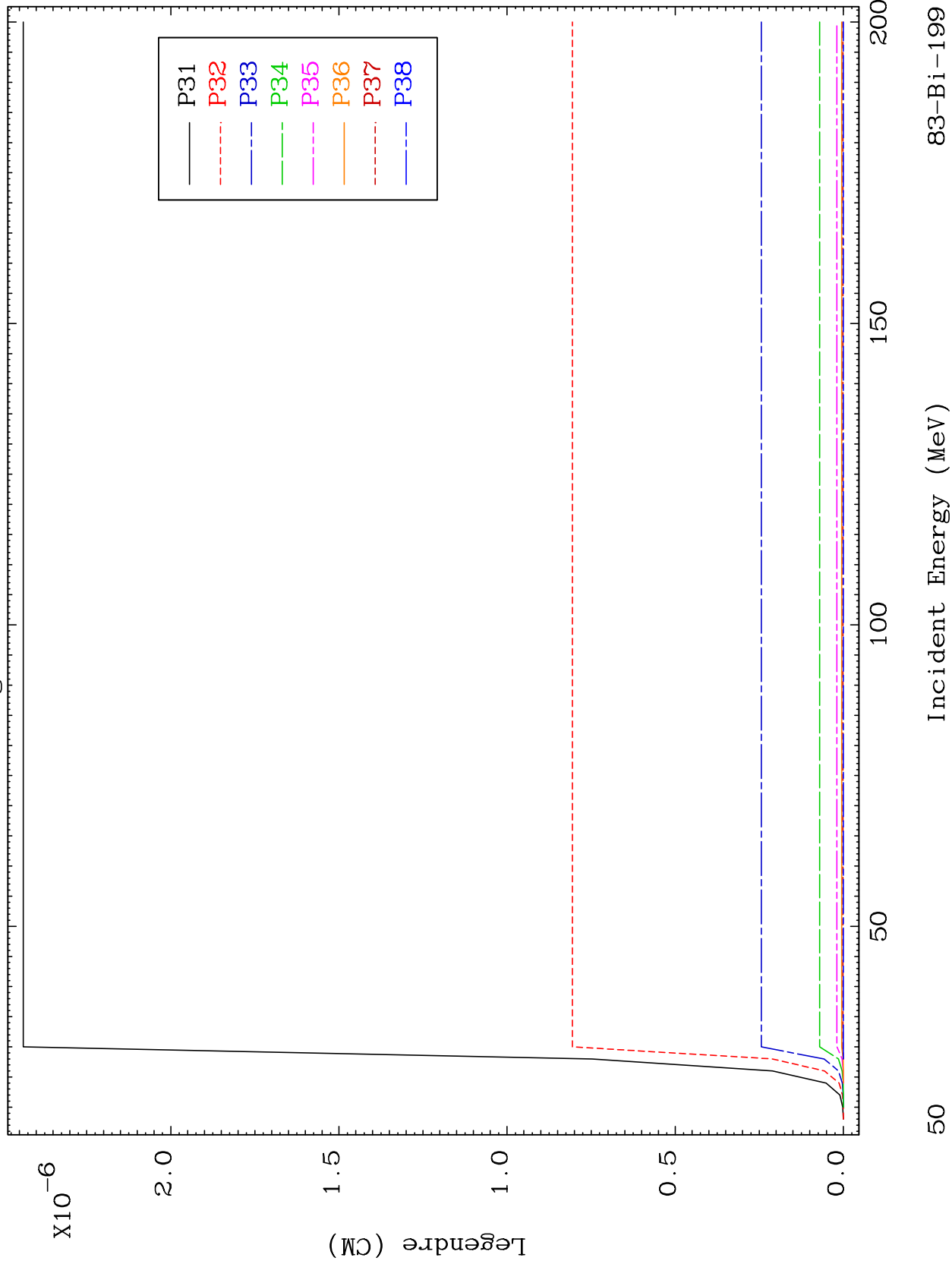
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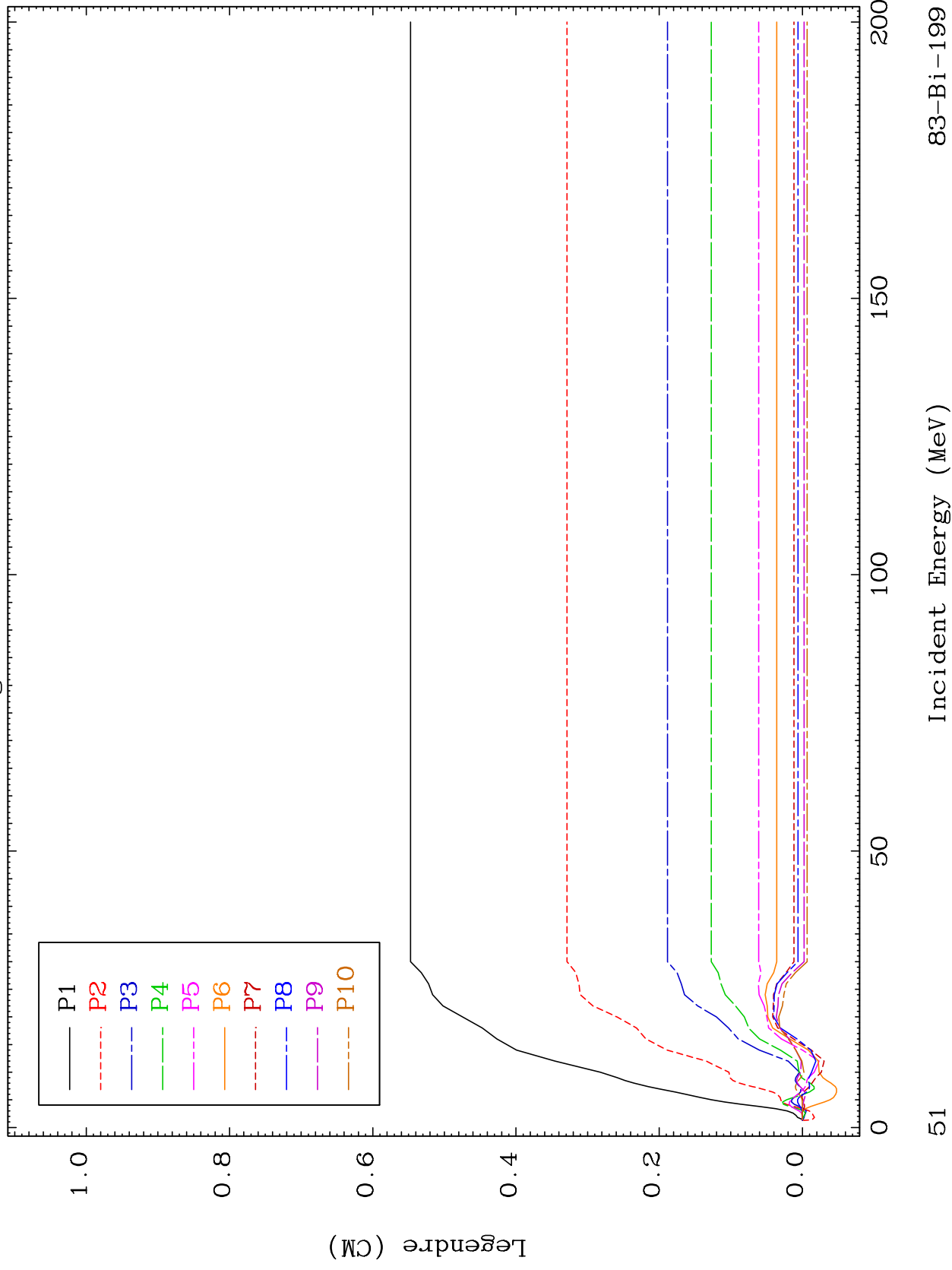
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MAT 8295

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

83-Bi-199

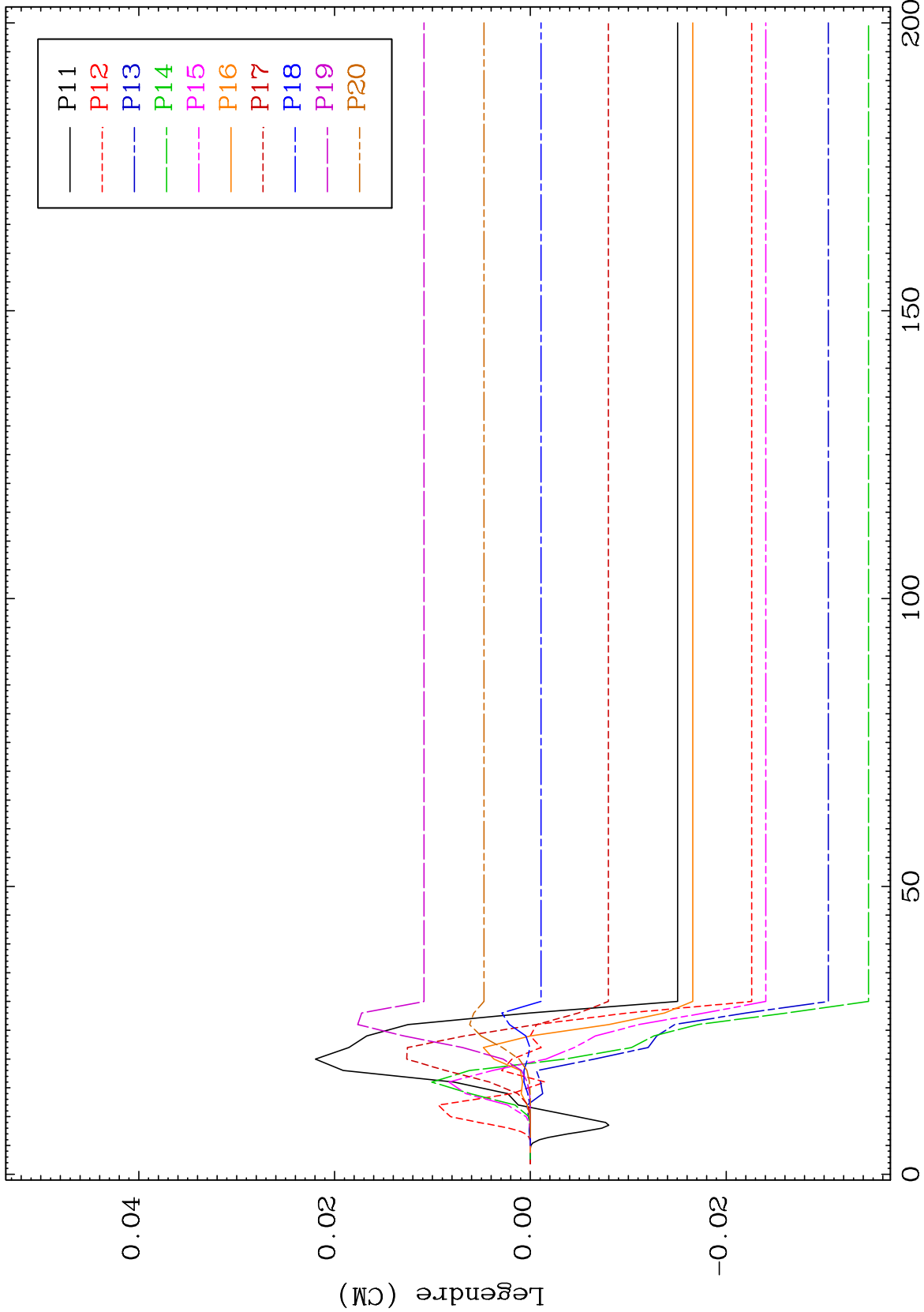




MAT 8295

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

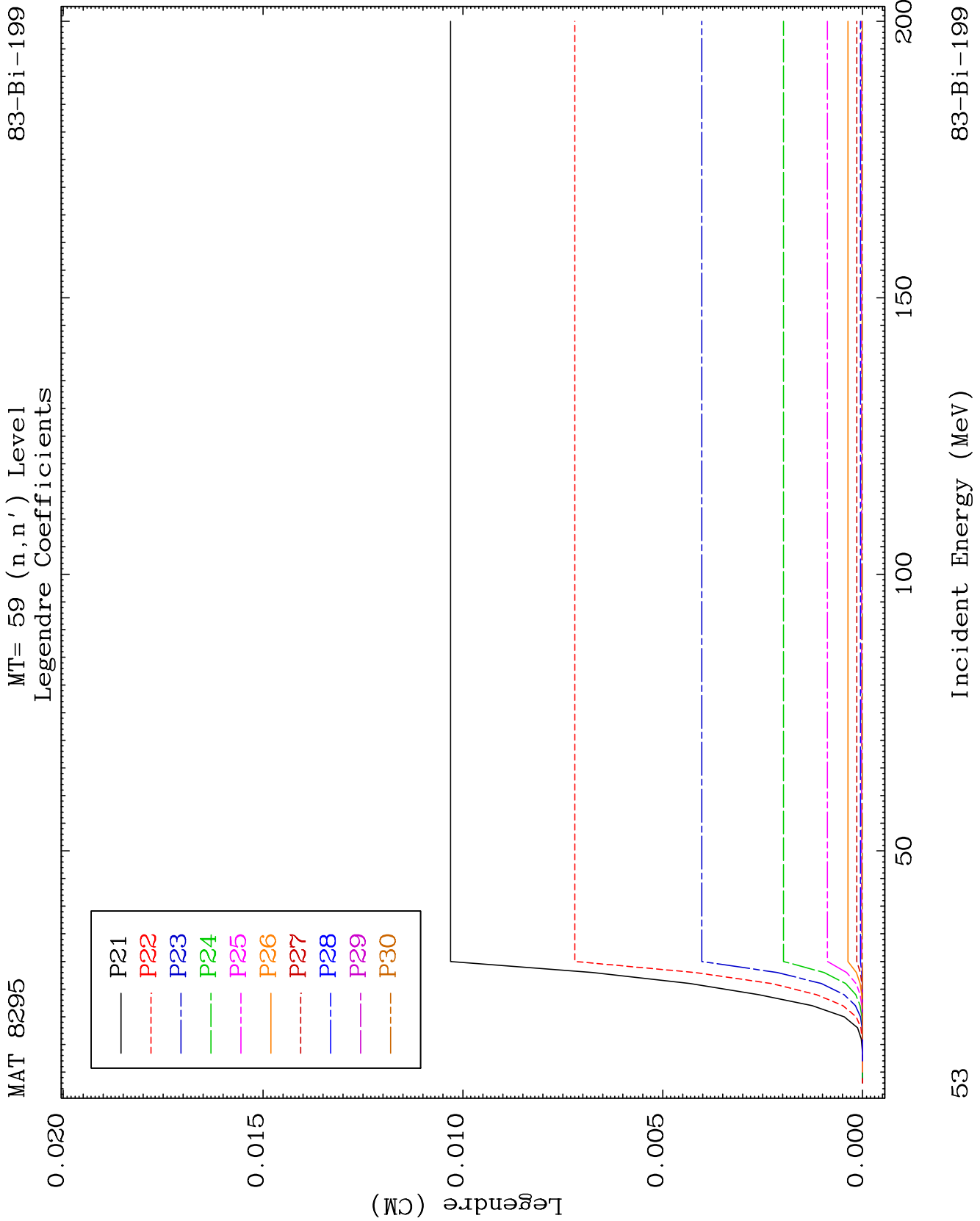
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52

Incident Energy (MeV)

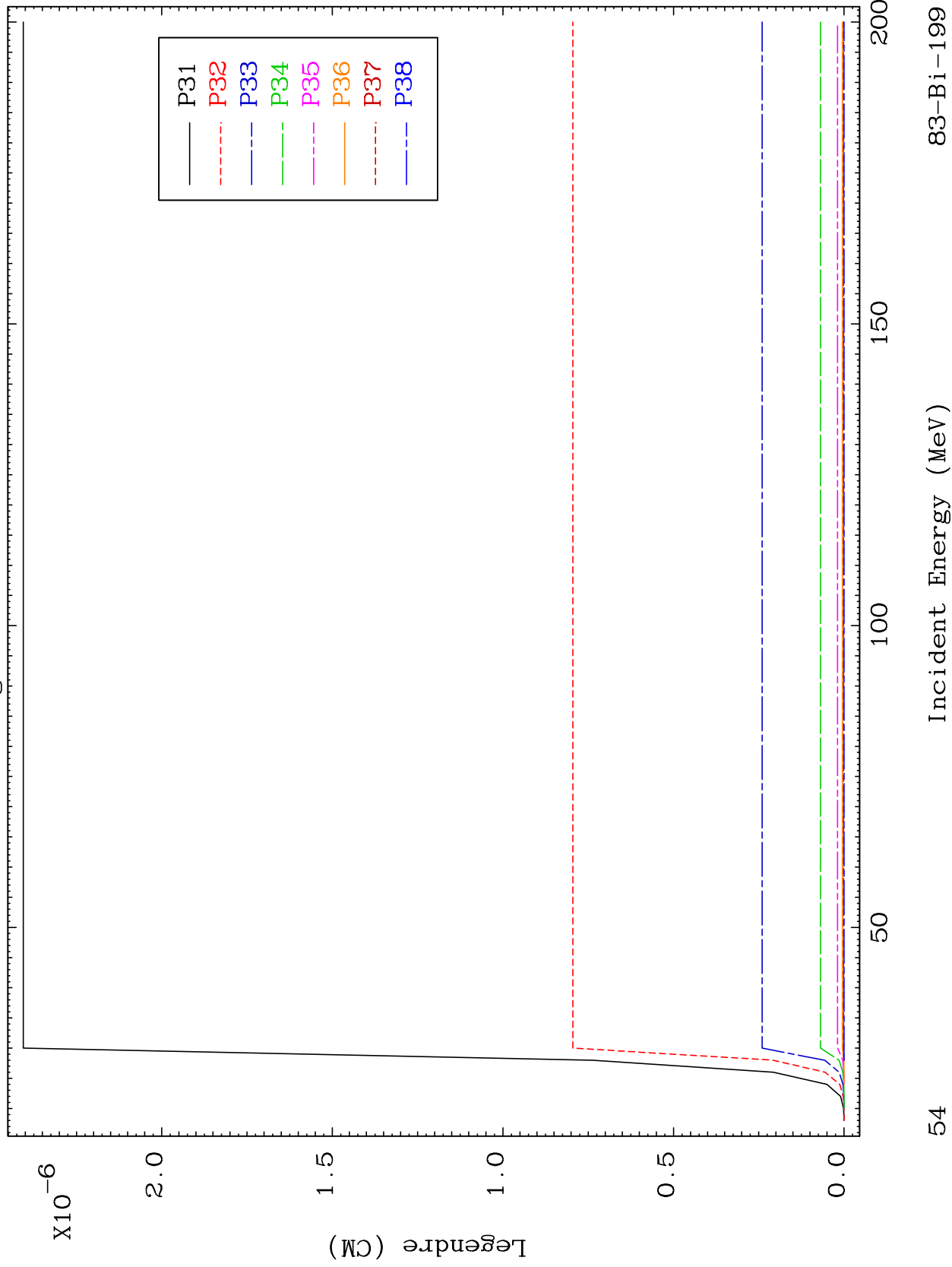
83-Bi-199



MAT 8295

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

83-Bi-199



54

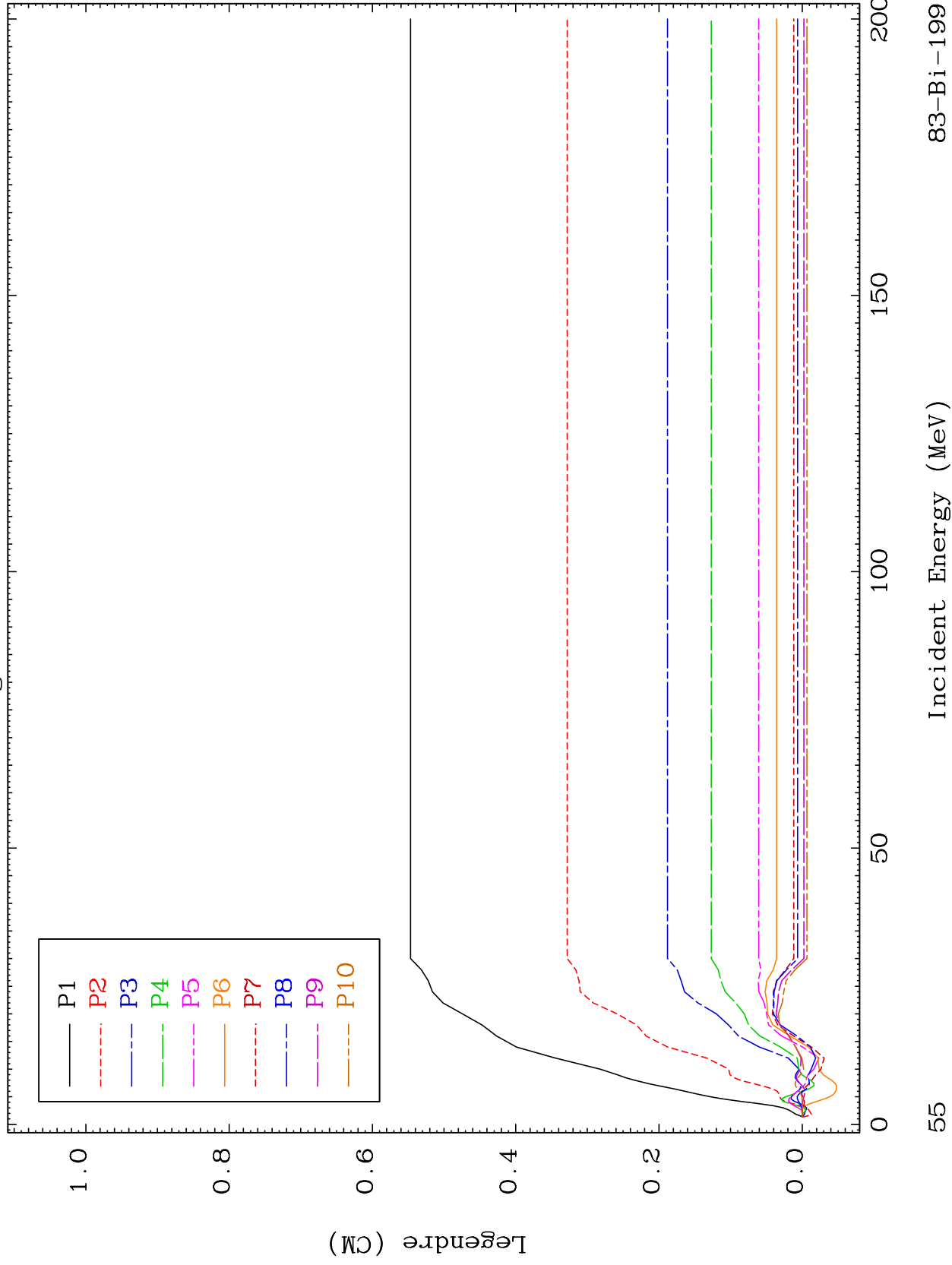
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



83-Bi-199

Incident Energy (MeV)

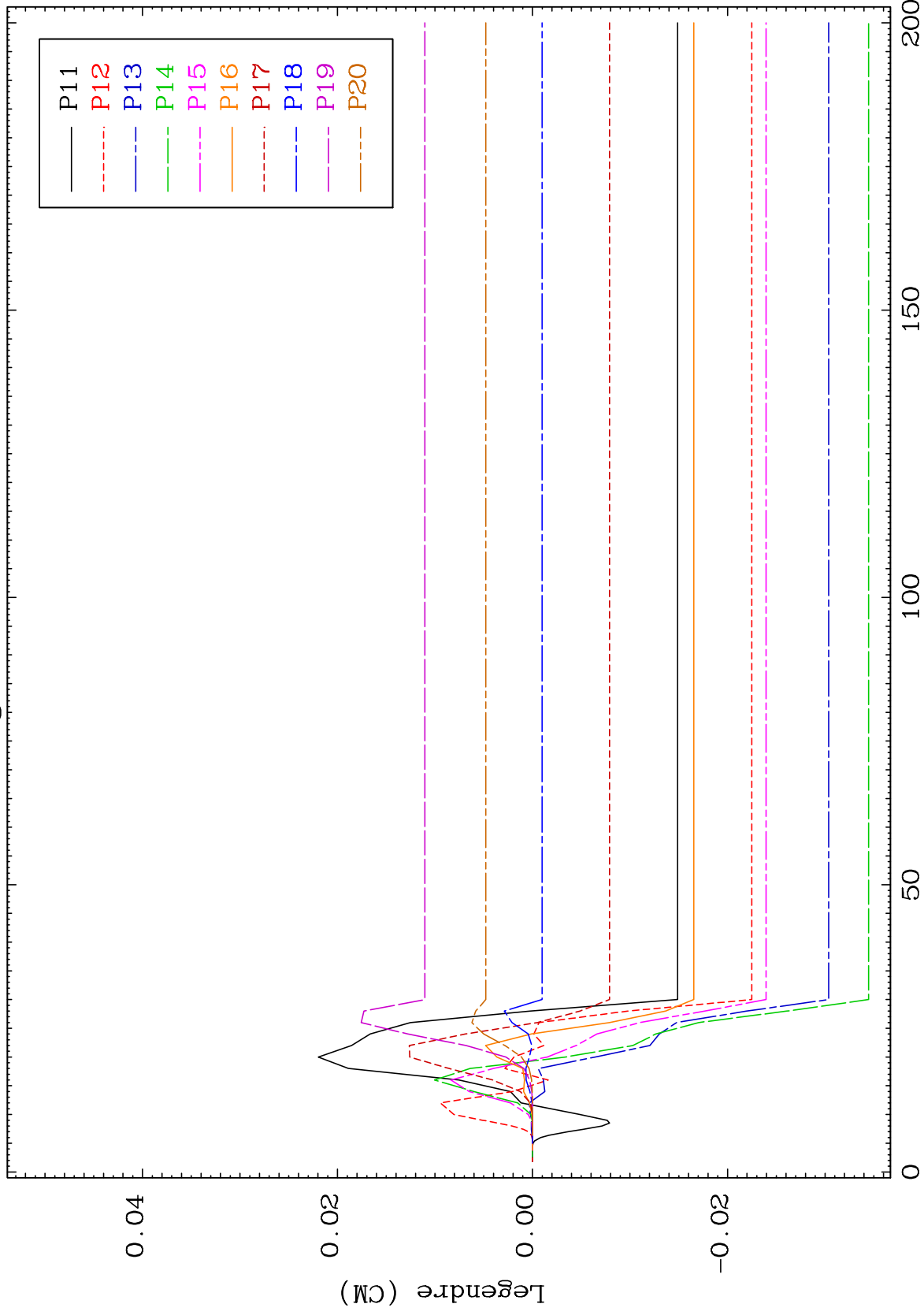
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MAT 8295

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

83-Bi-199



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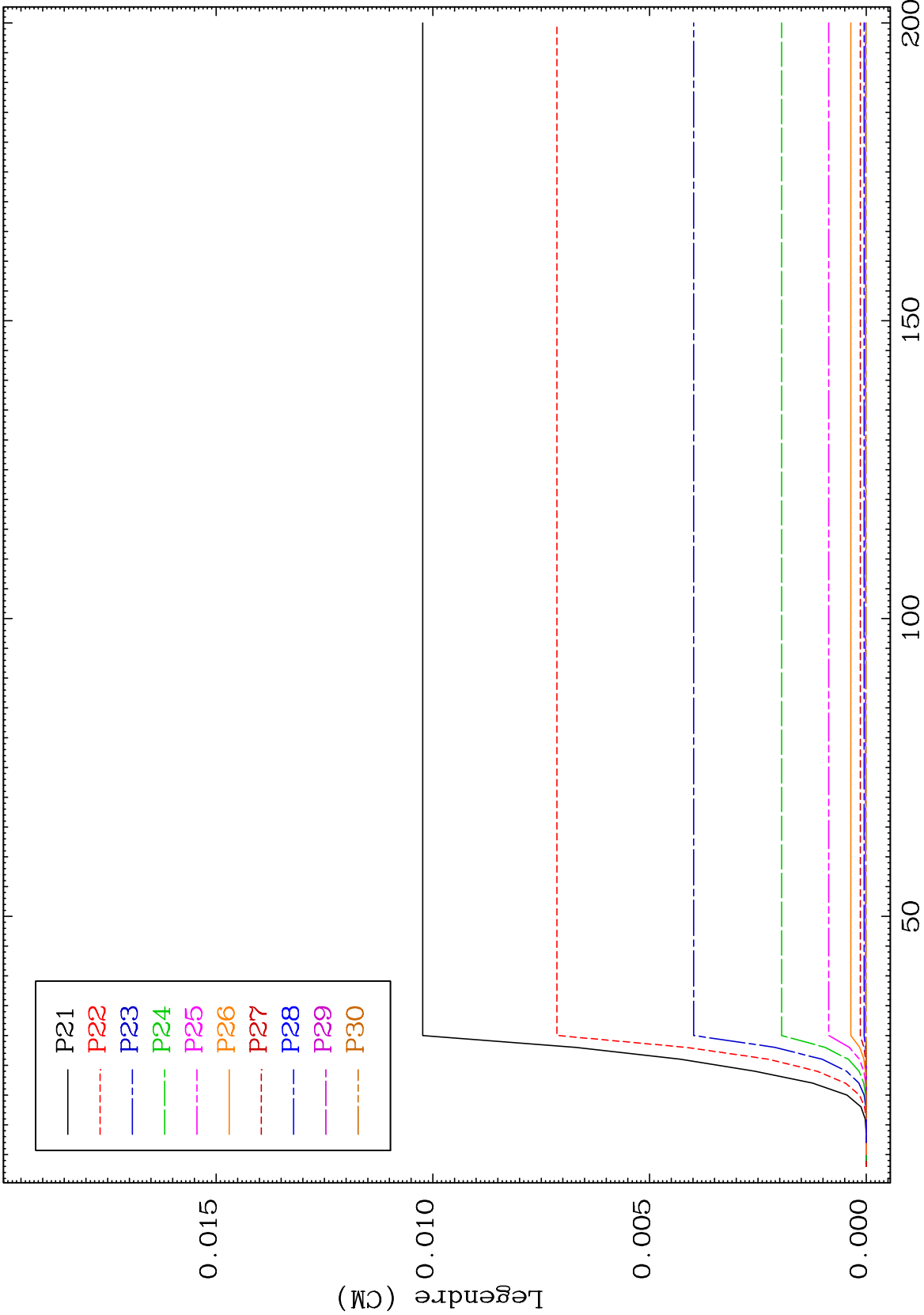
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



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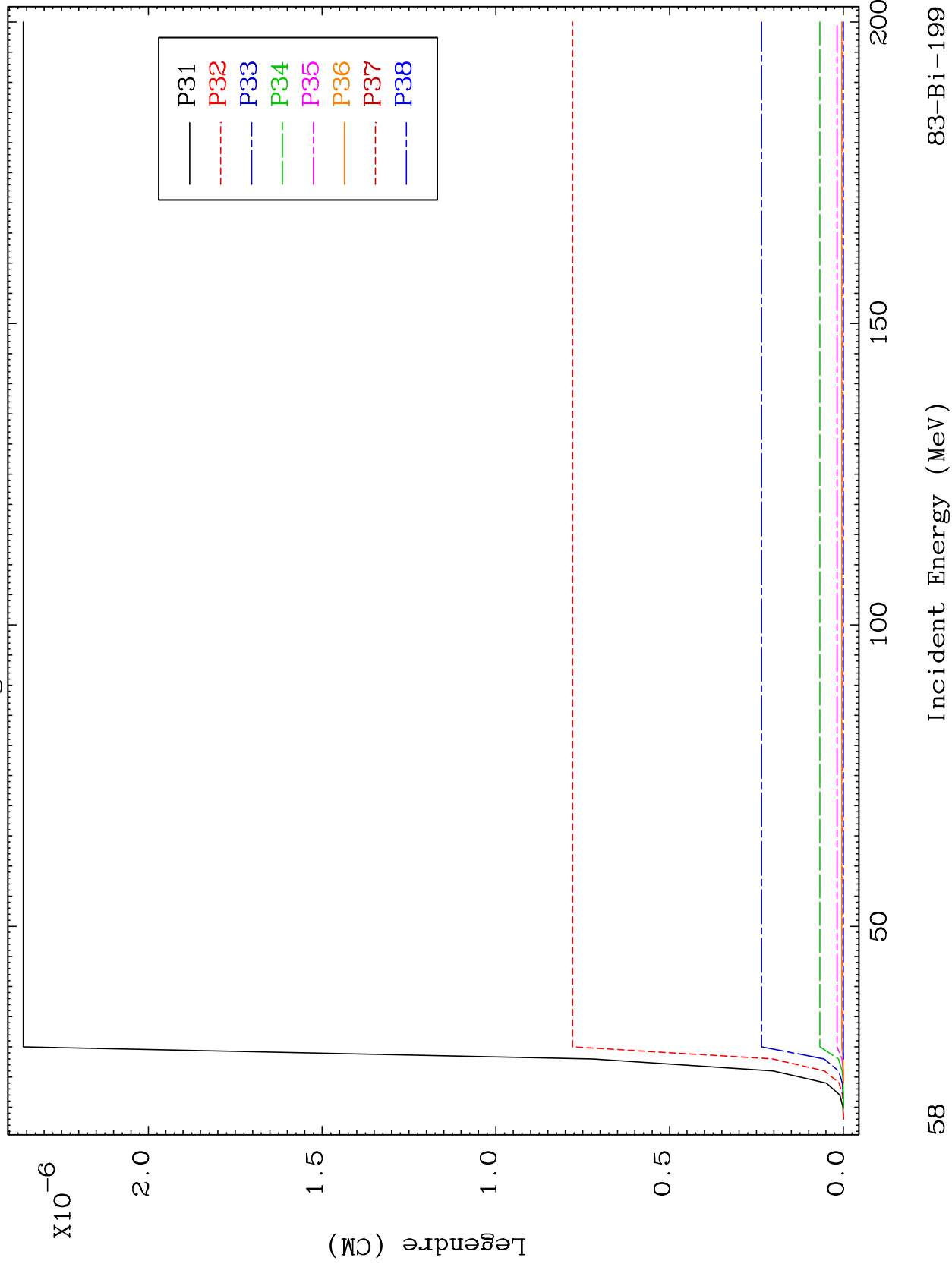
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



58

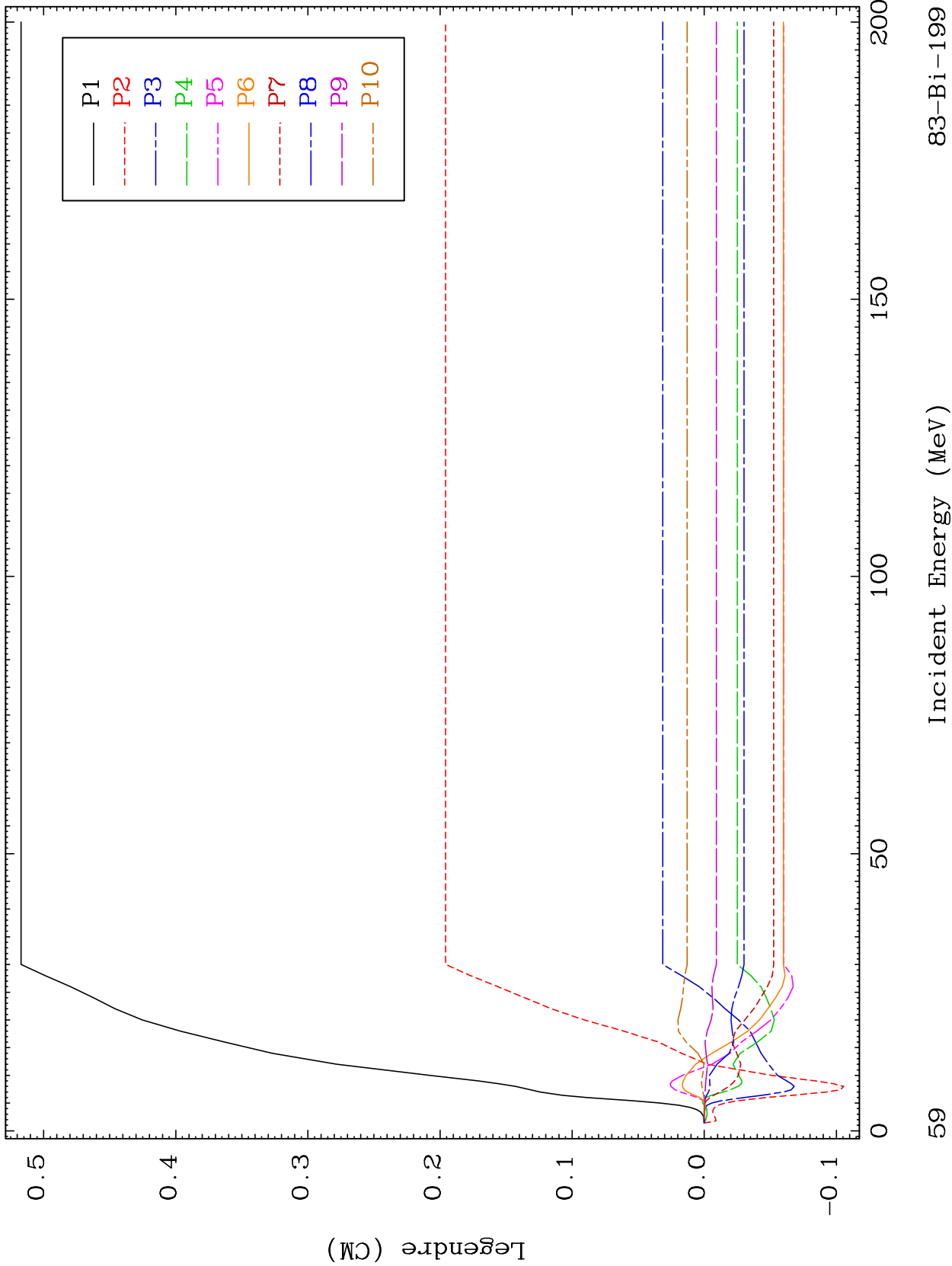
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

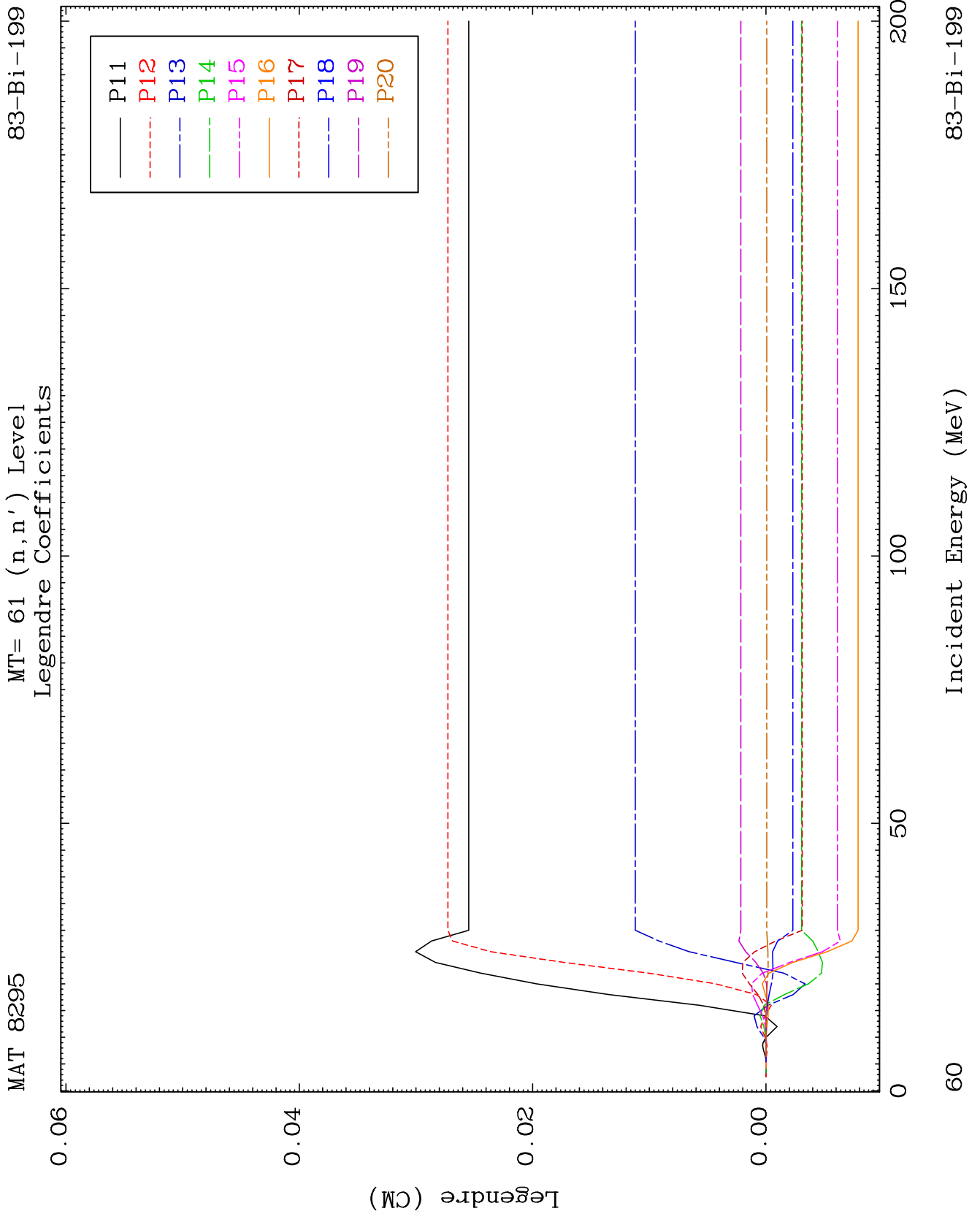
83-Bi-199



83-Bi-199

Incident Energy (MeV)

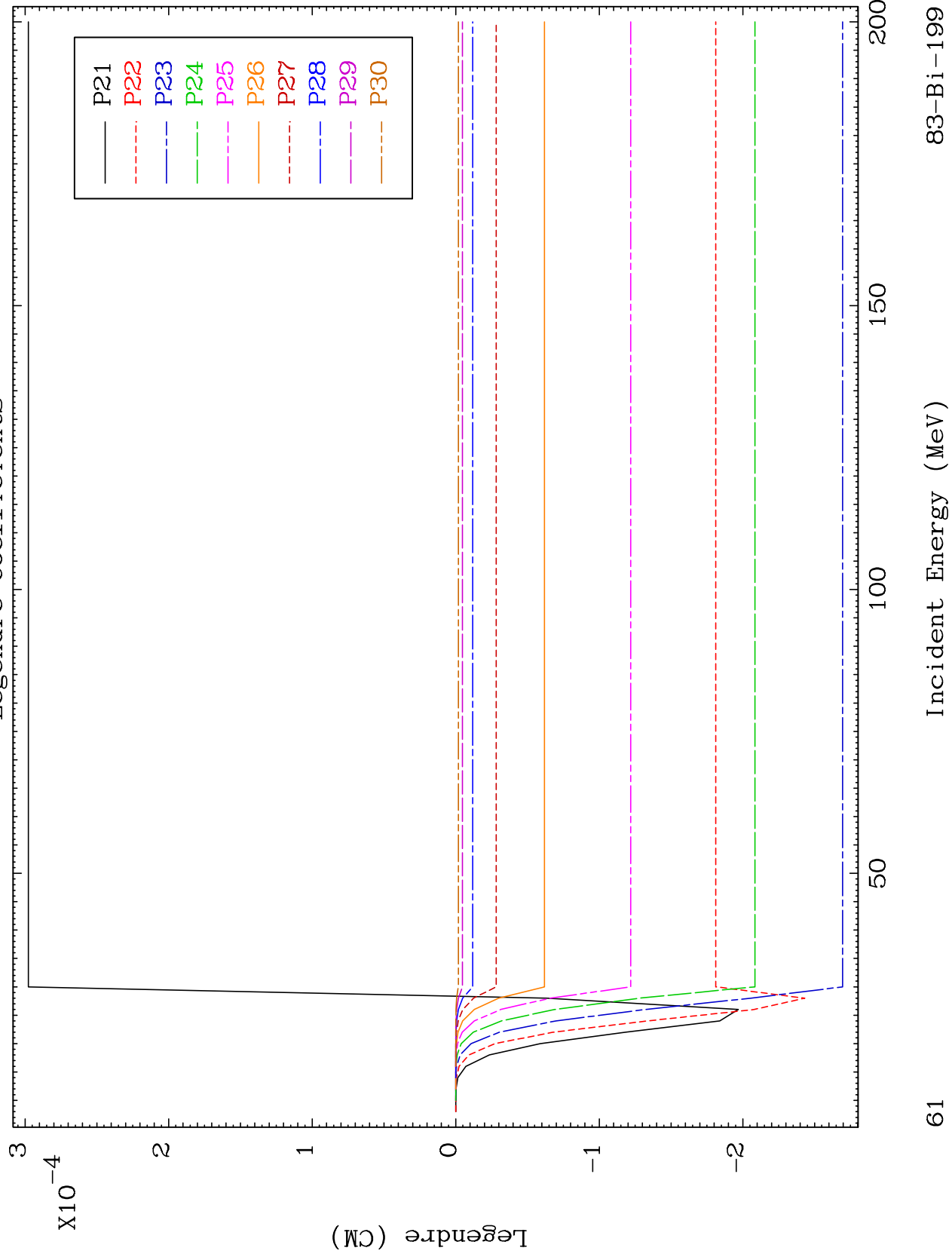
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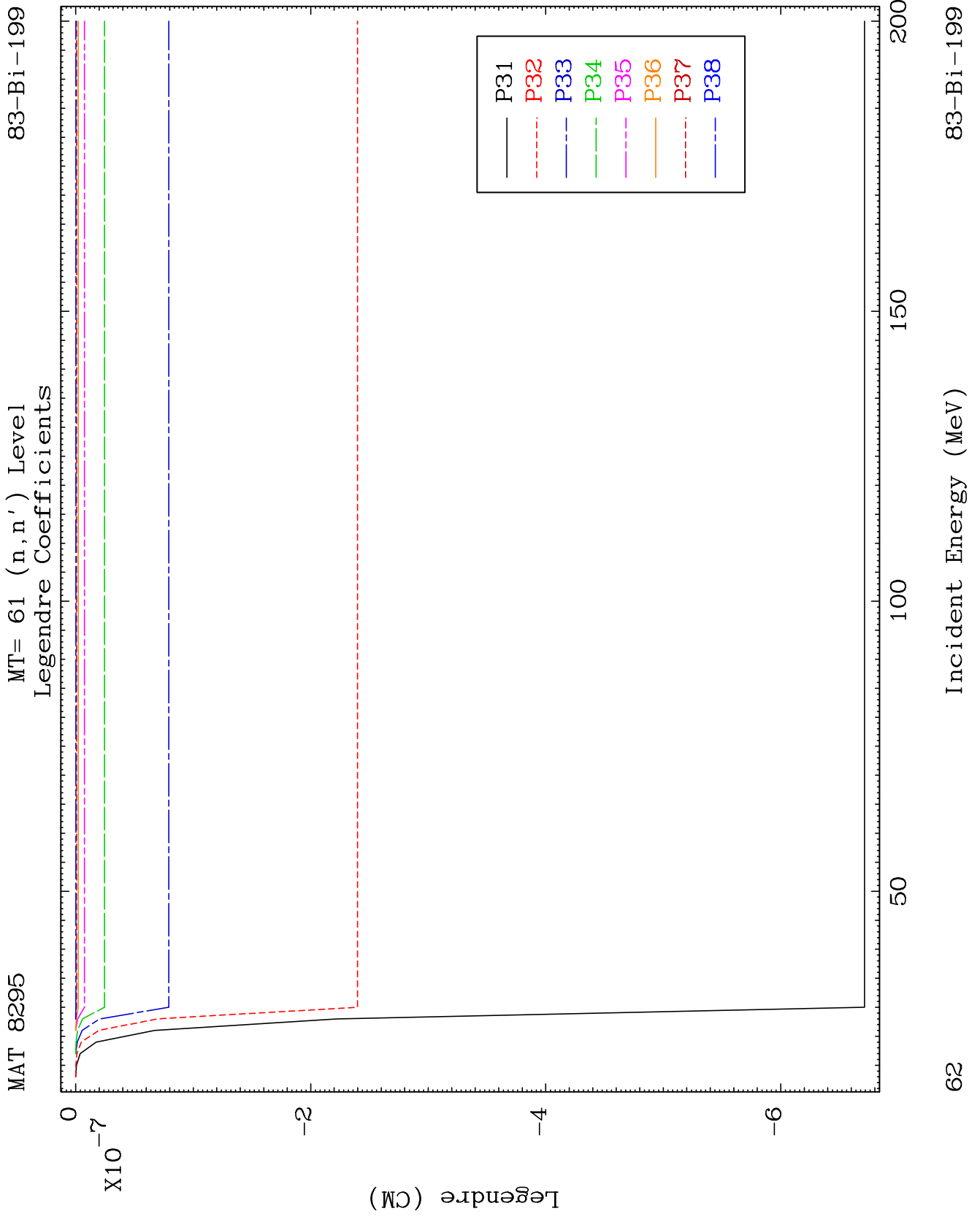


MAT 8295

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

83-Bi-199

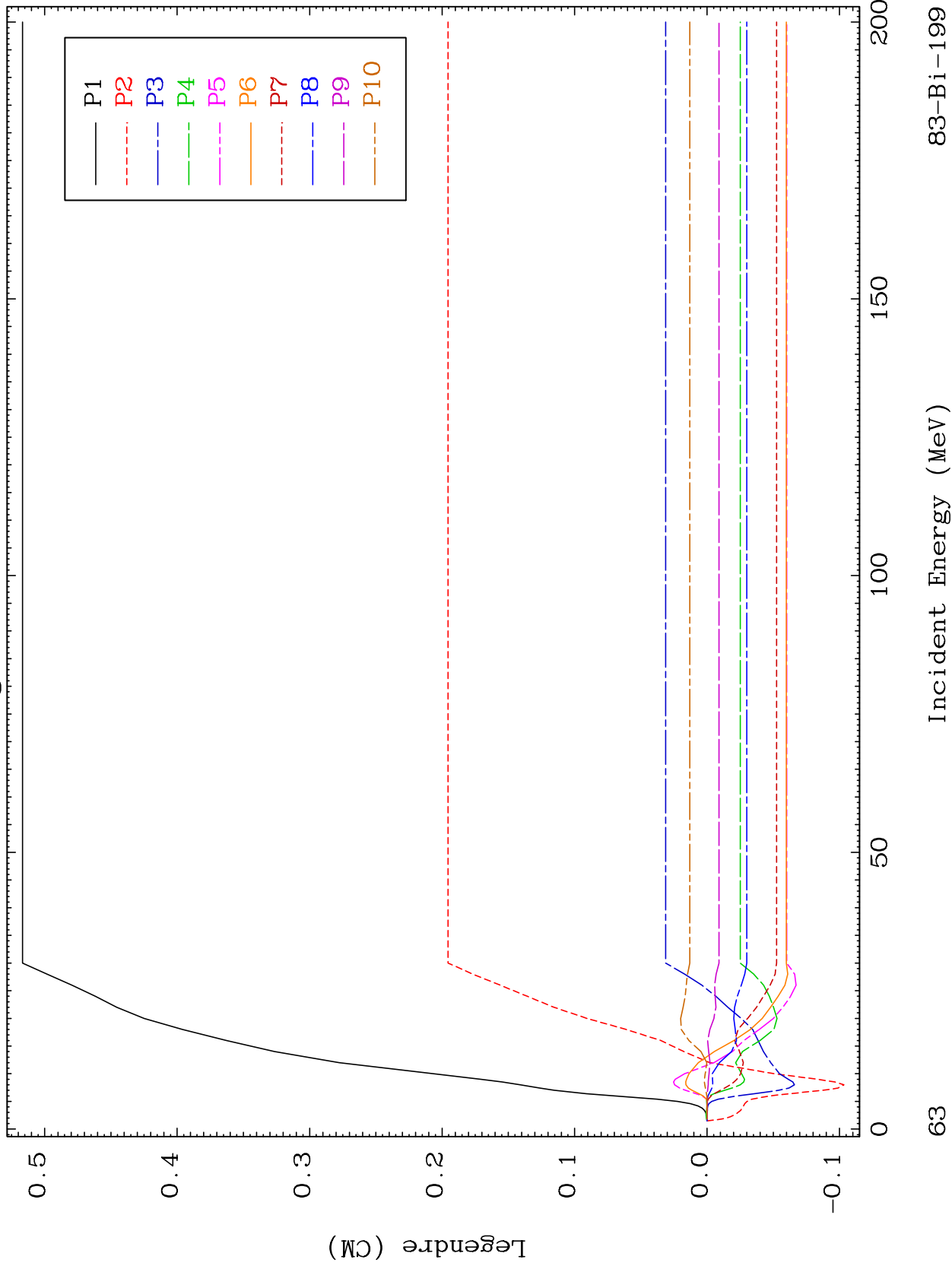




MAT 8295

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

83-Bi-199



63

Incident Energy (MeV)

83-Bi-199

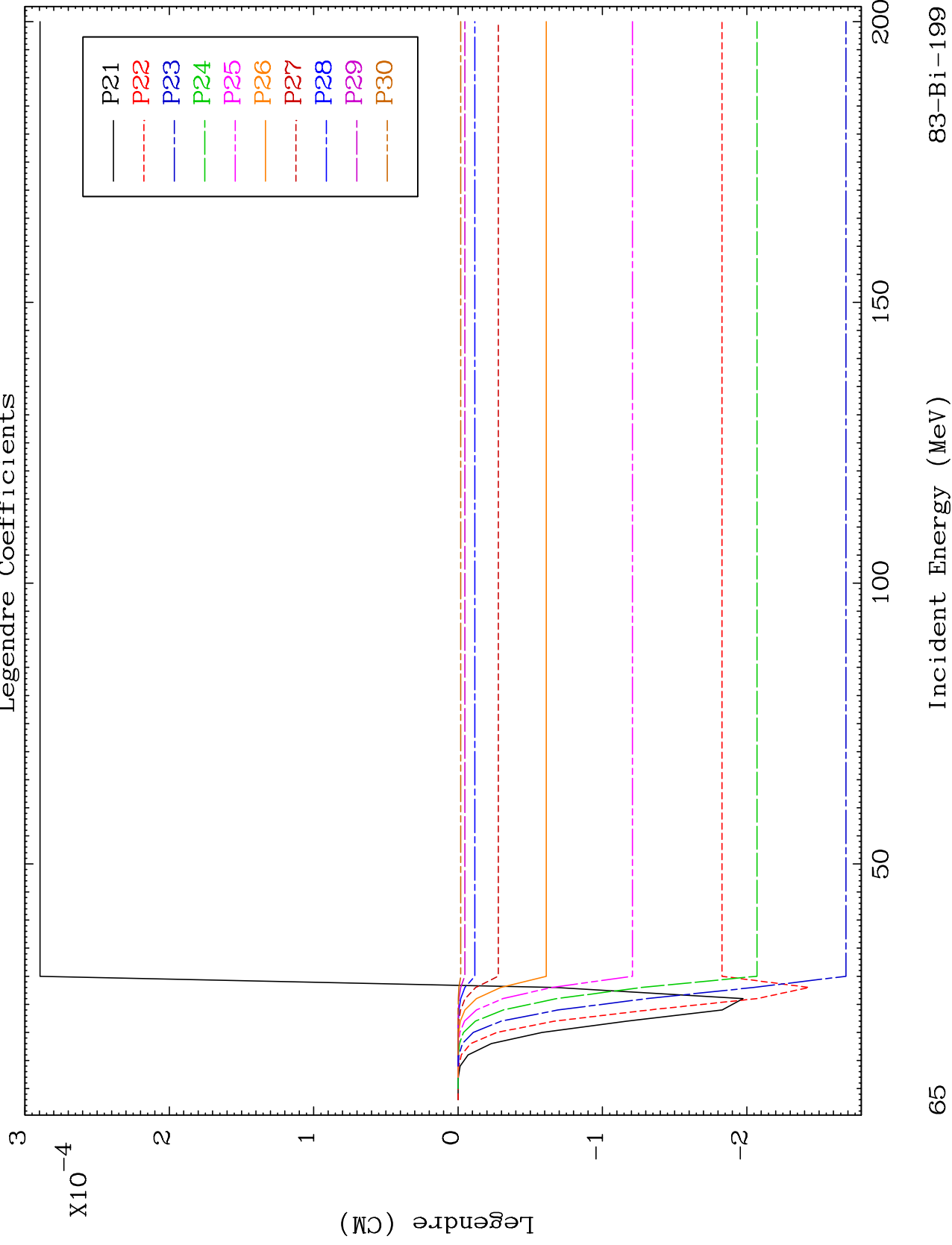


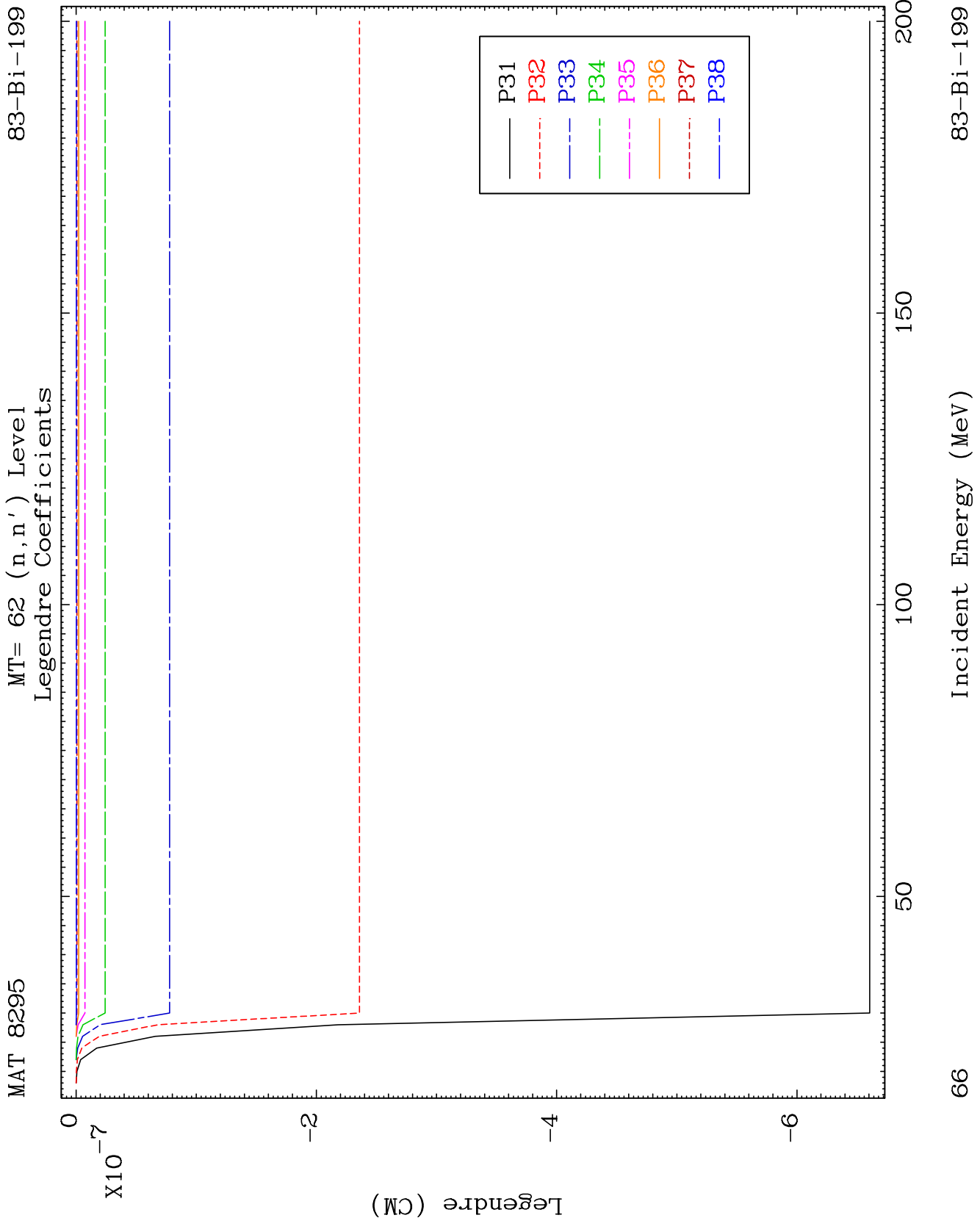


MAT 8295

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

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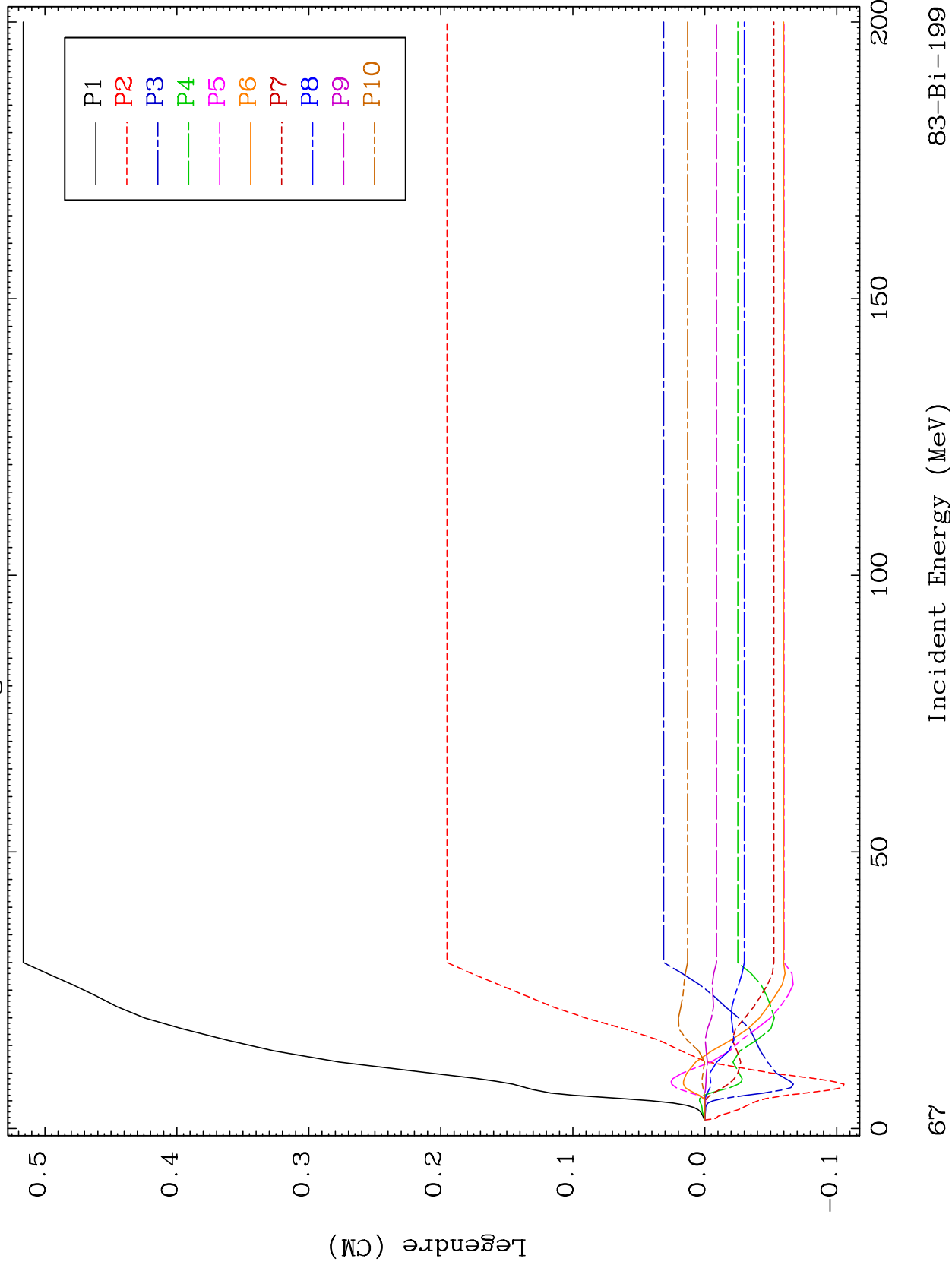




MAT 8295

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

83-Bi-199



83-Bi-199

Incident Energy (MeV)

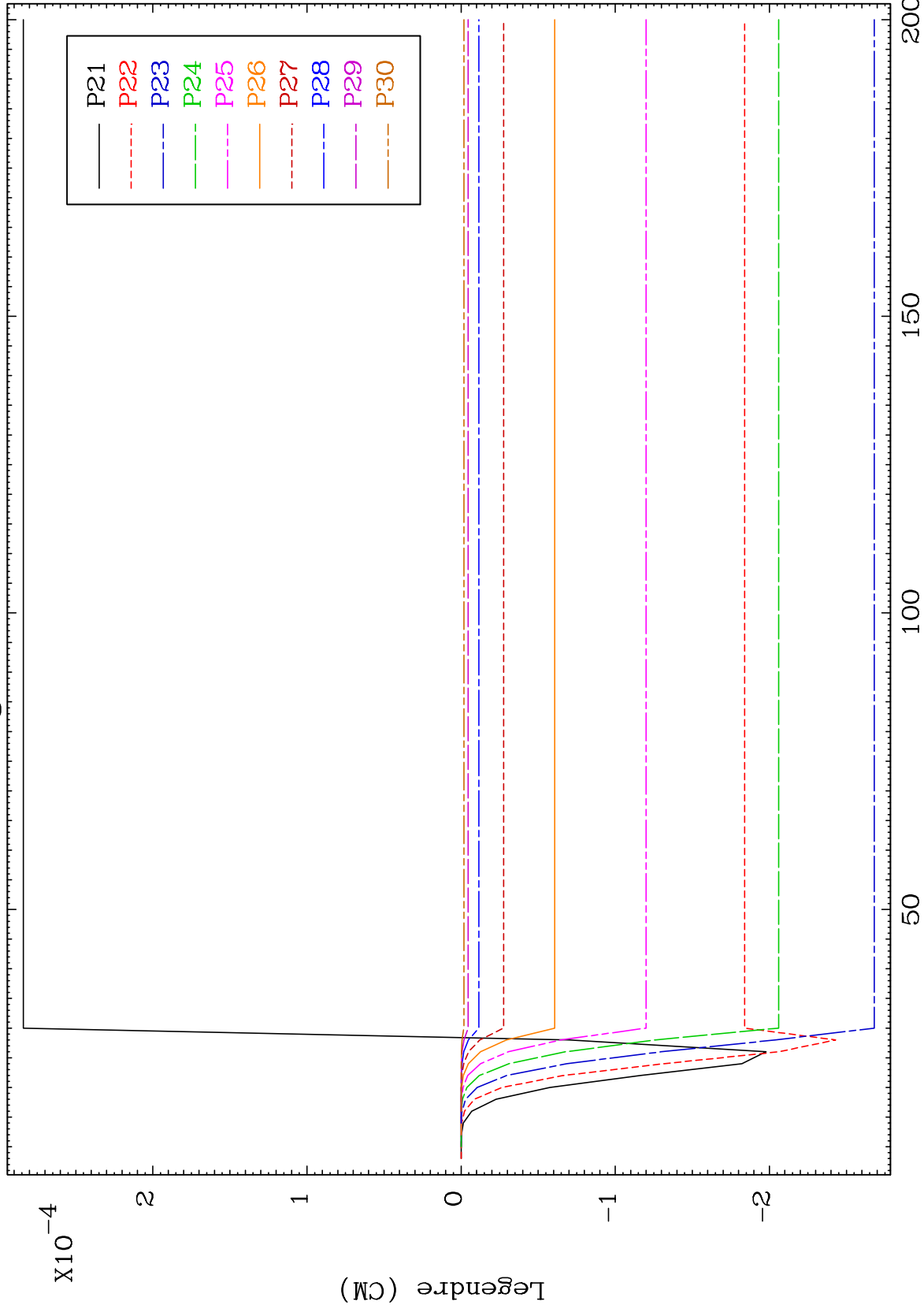
67



MAT 8295

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

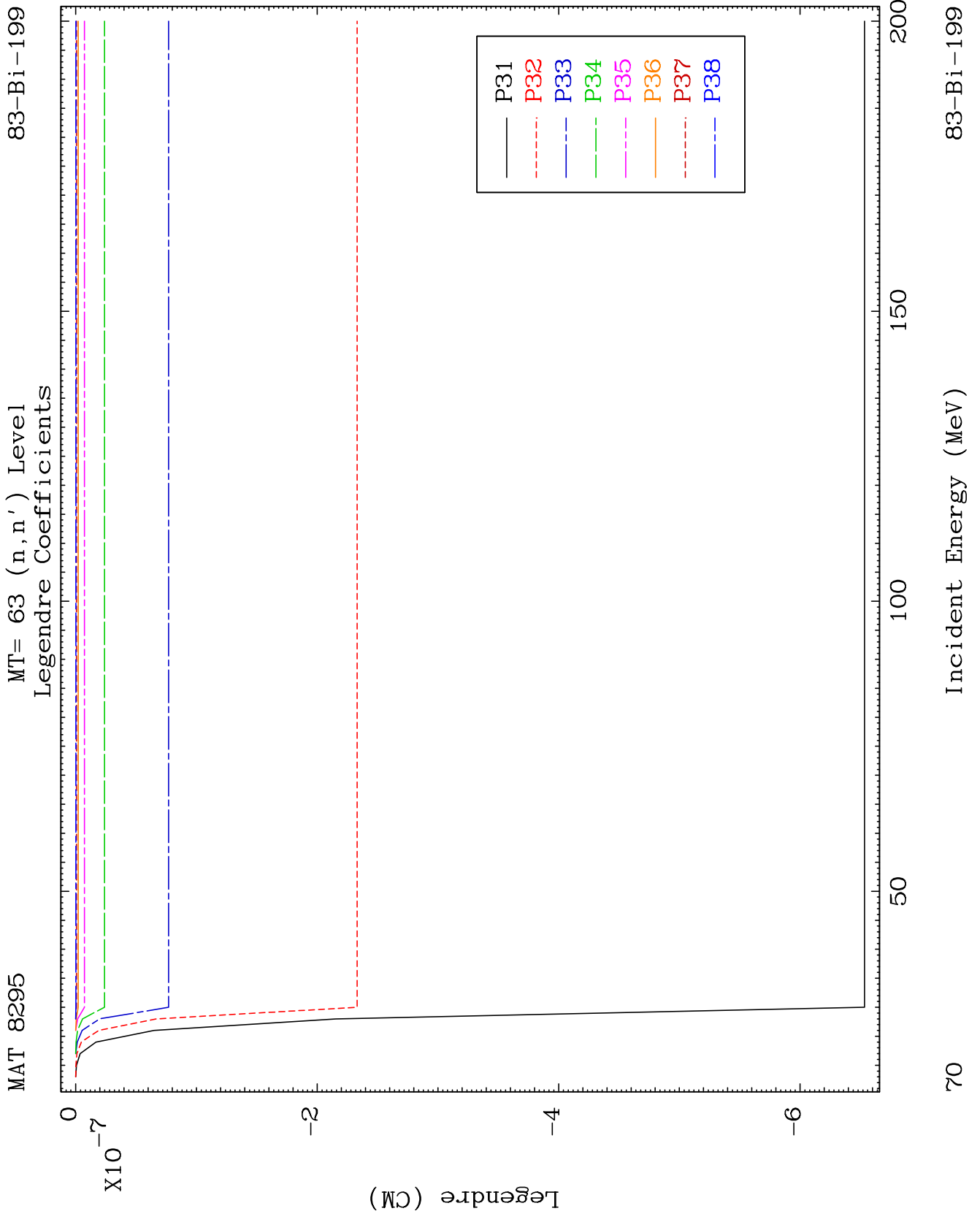
83-Bi-199



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83-Bi-199

83-Bi-199

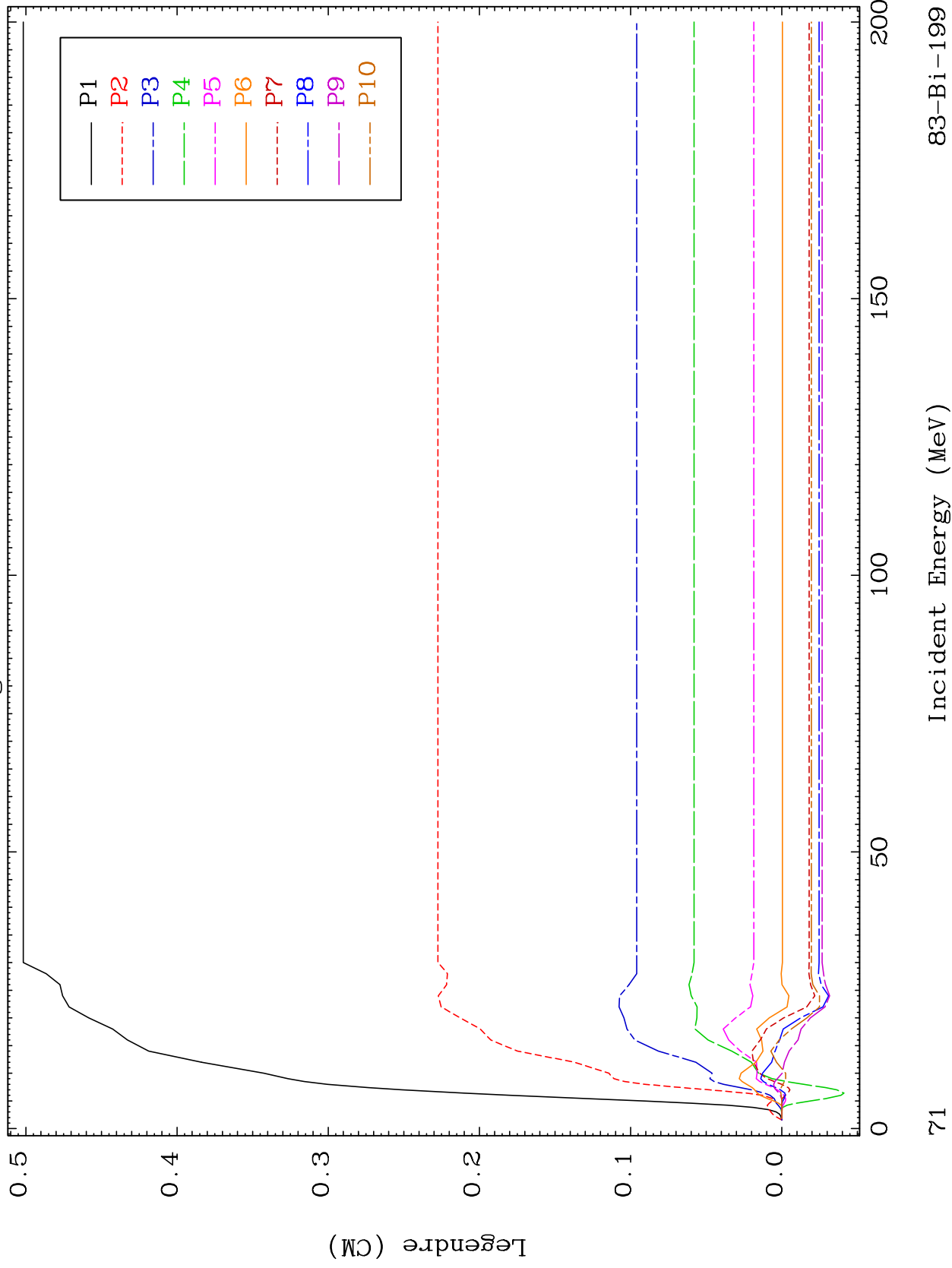


MAT 8295

MT= 64 (n,n') Level

83-Bi-199

Legendre Coefficients

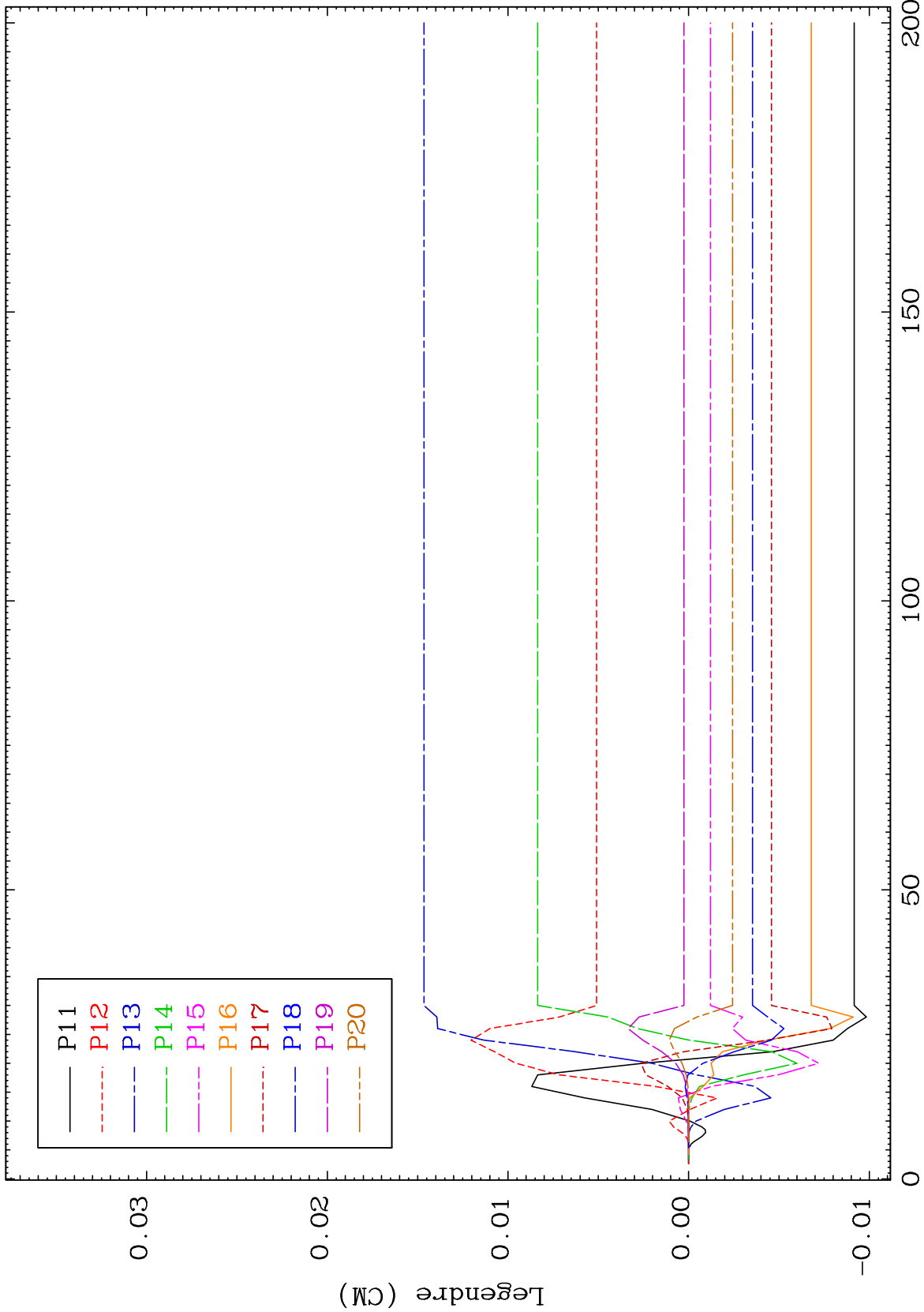




MAT 8295

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

83-Bi-199



72

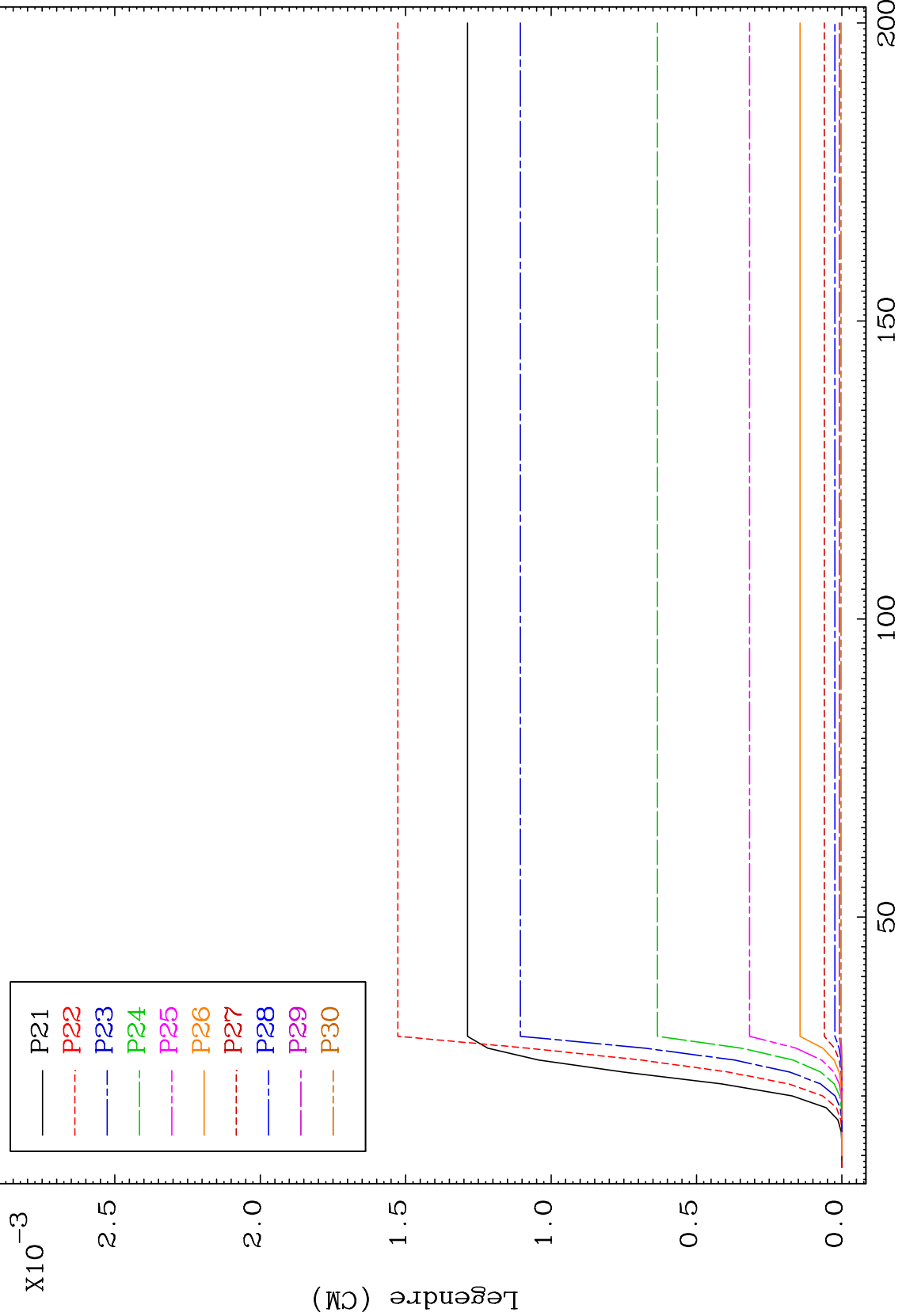
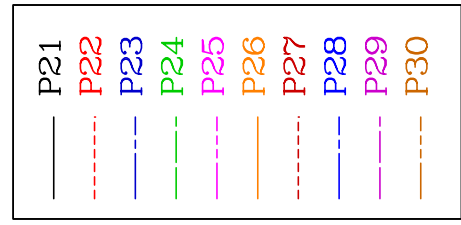
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



73

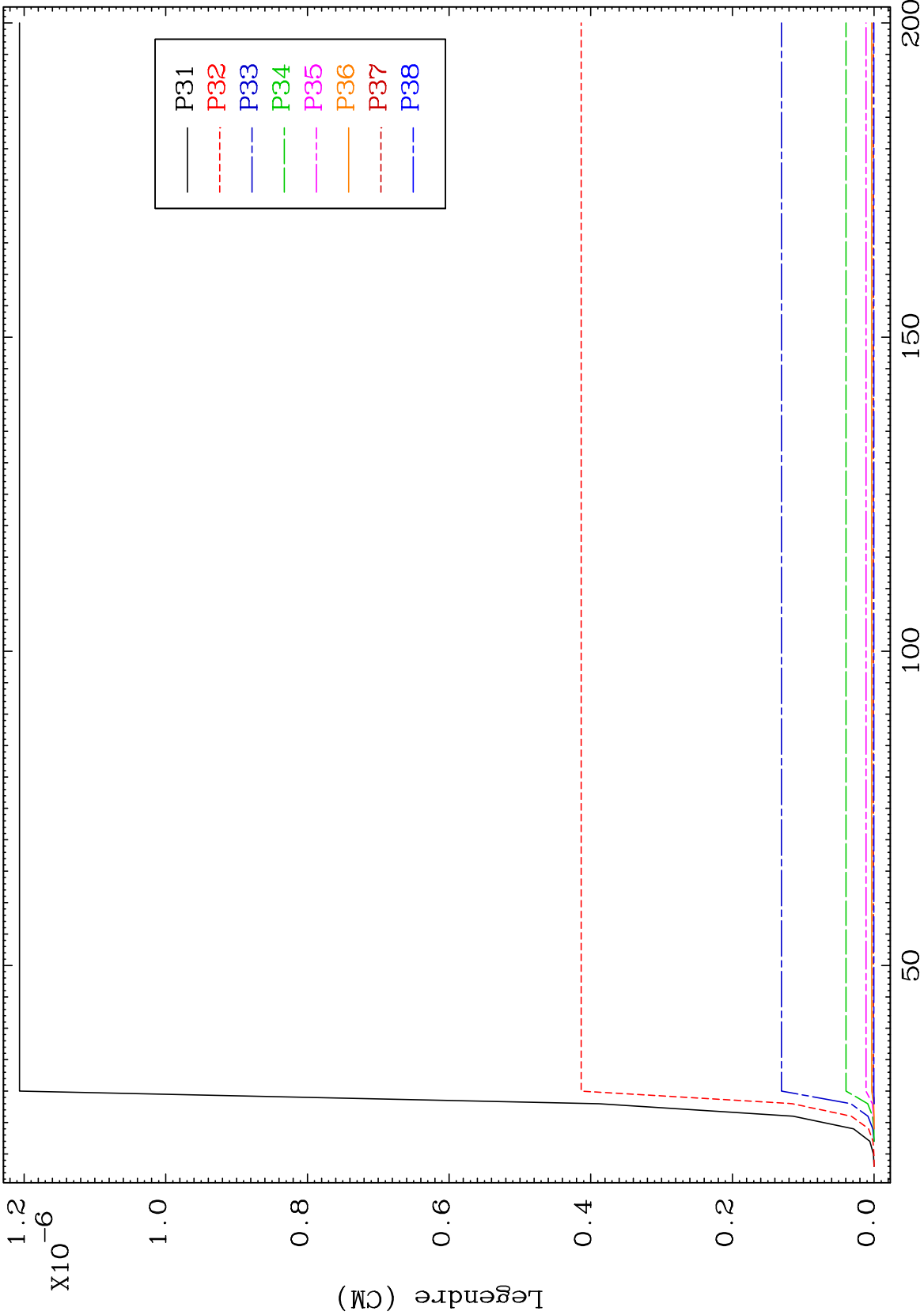
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



74

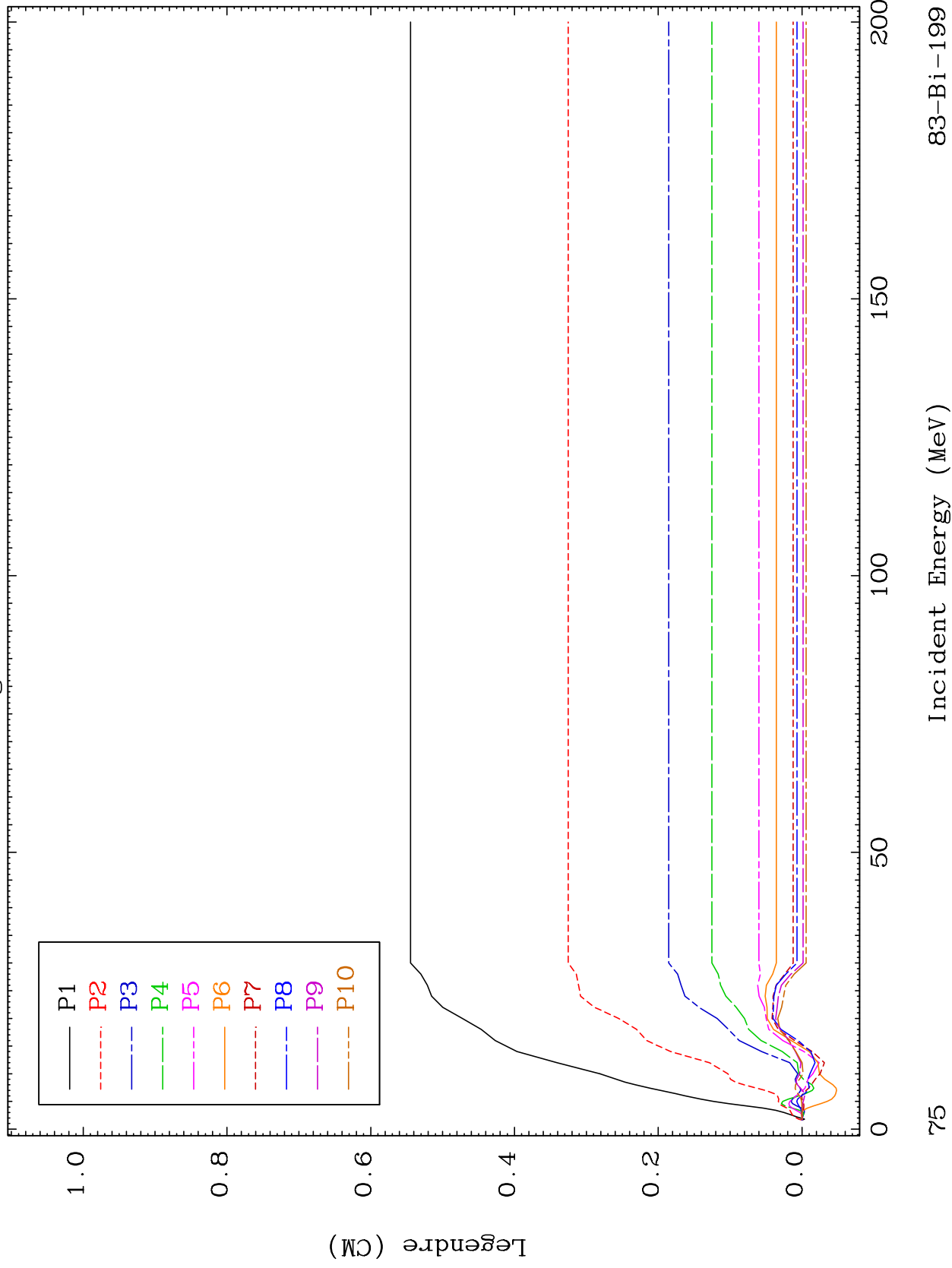
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



83-Bi-199

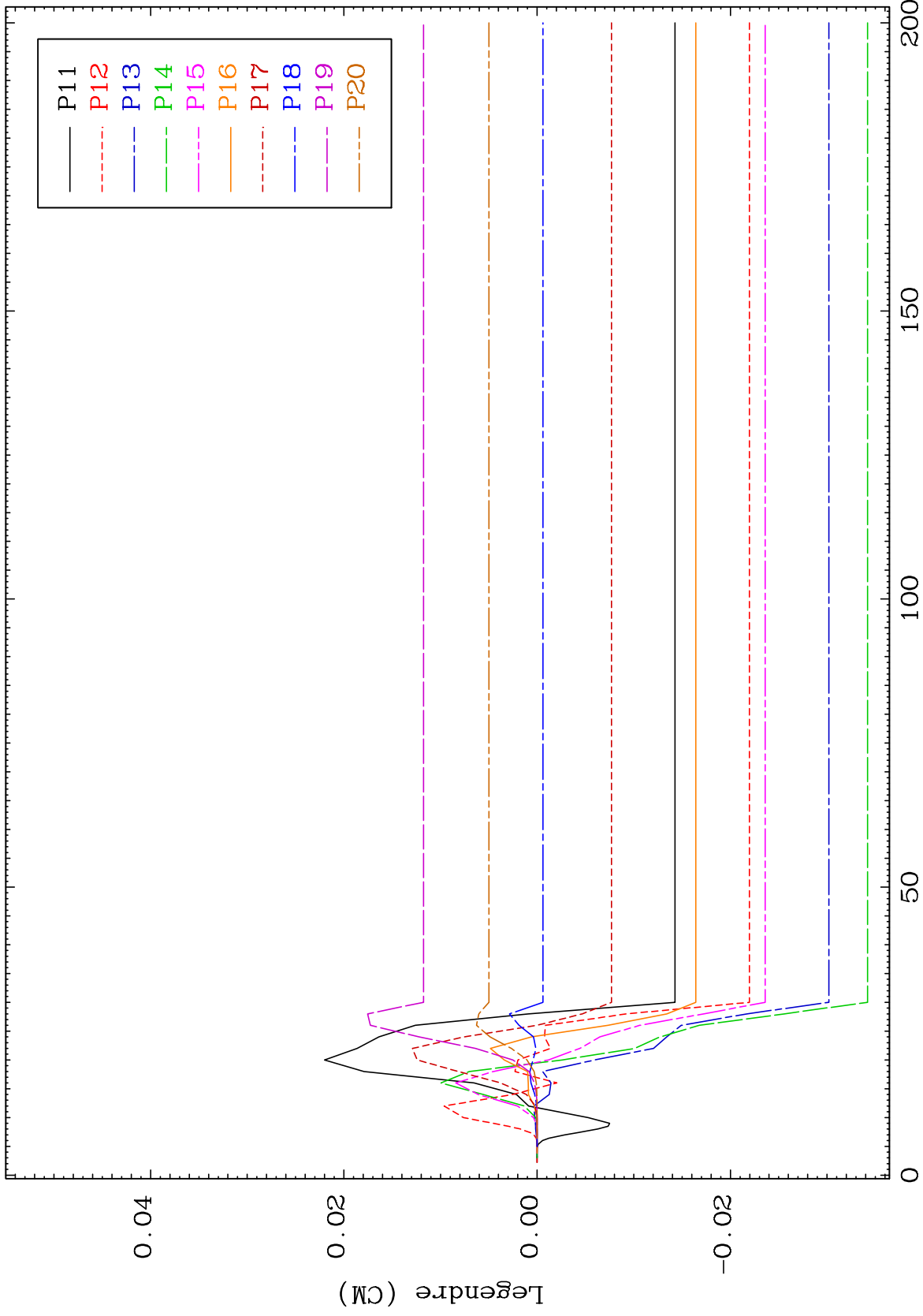
Incident Energy (MeV)

75

MAT 8295

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

83-Bi-199



76

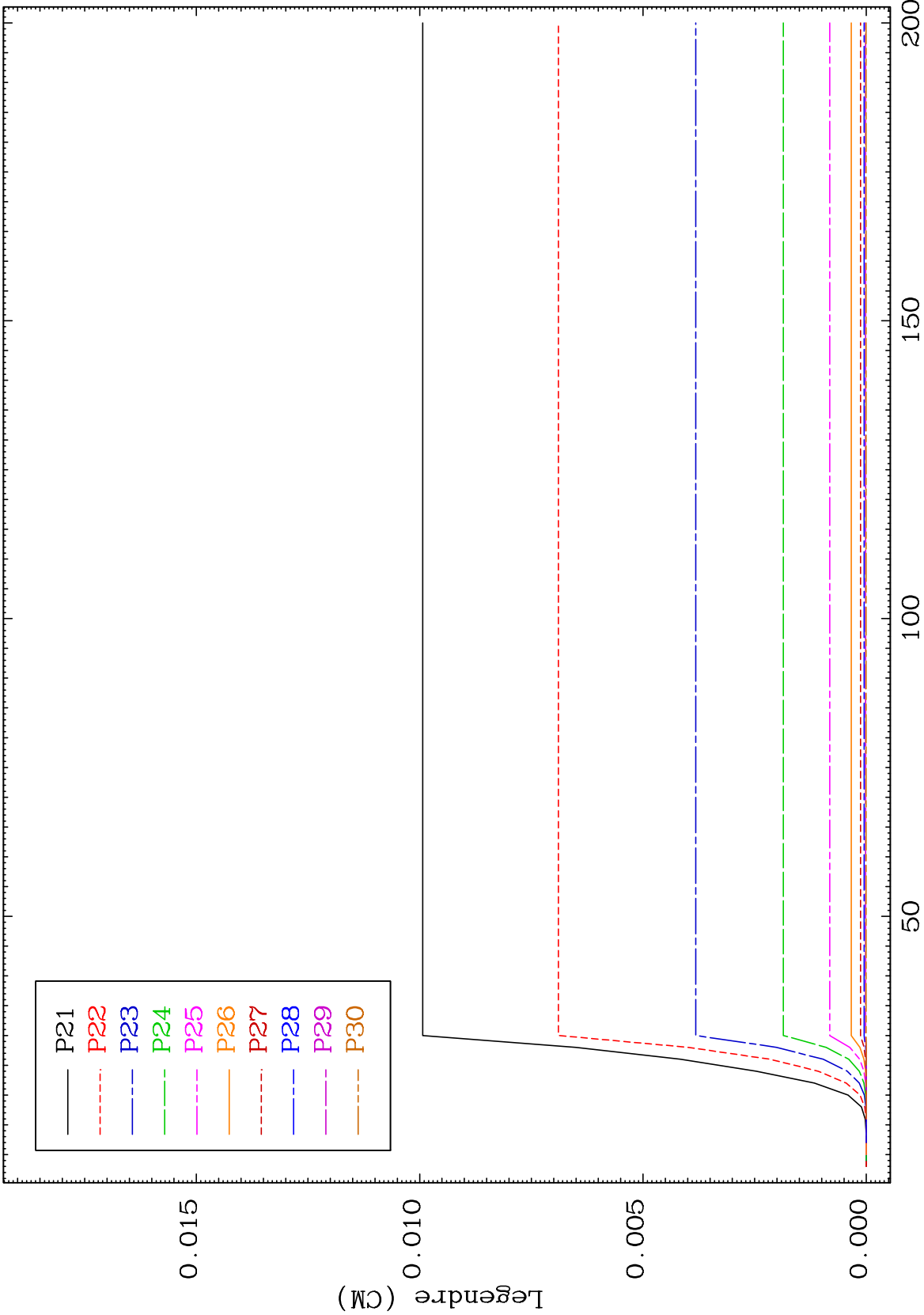
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

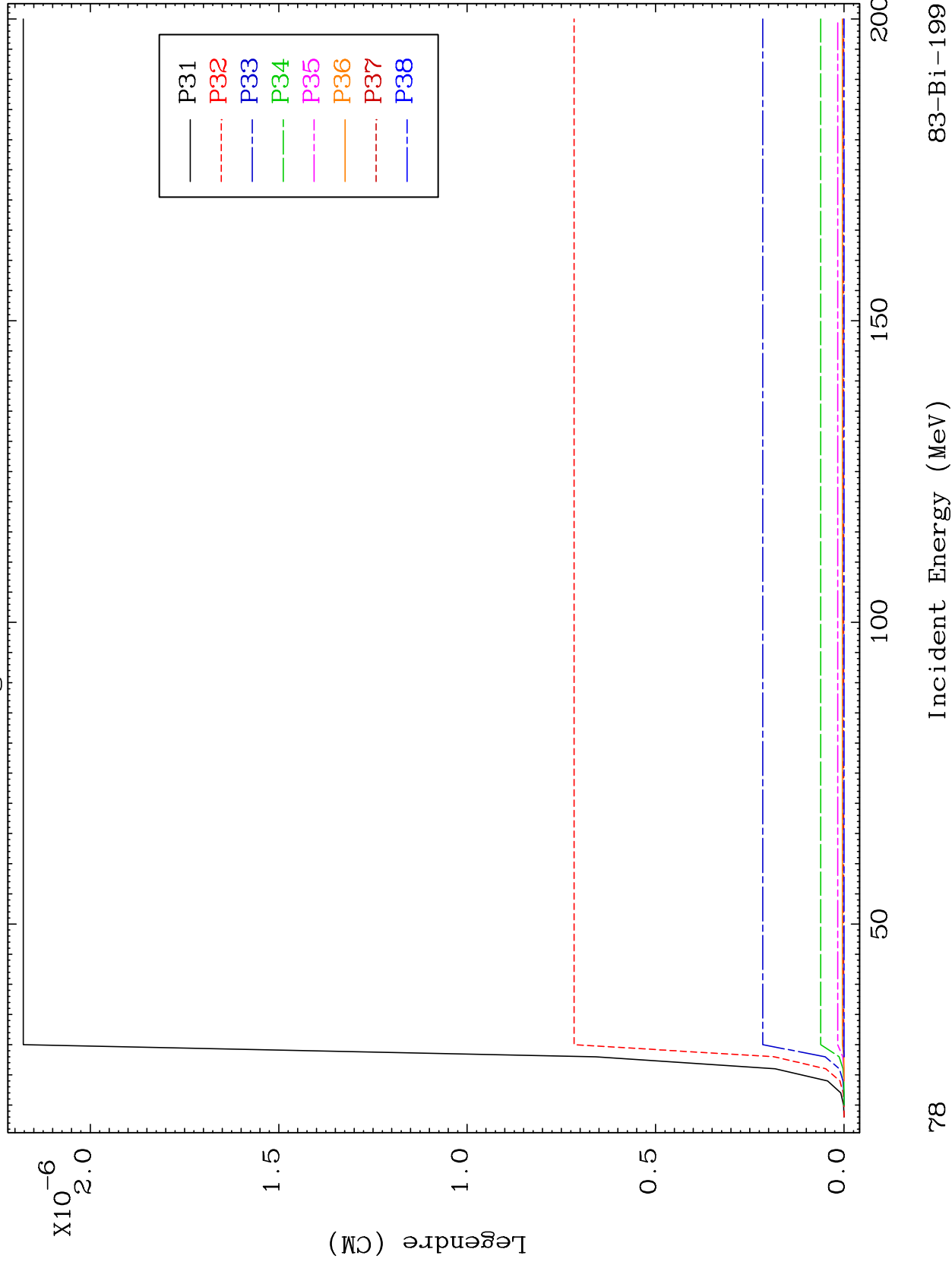
83-Bi-199



MAT 8295

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

83-Bi-199



78

Incident Energy (MeV)

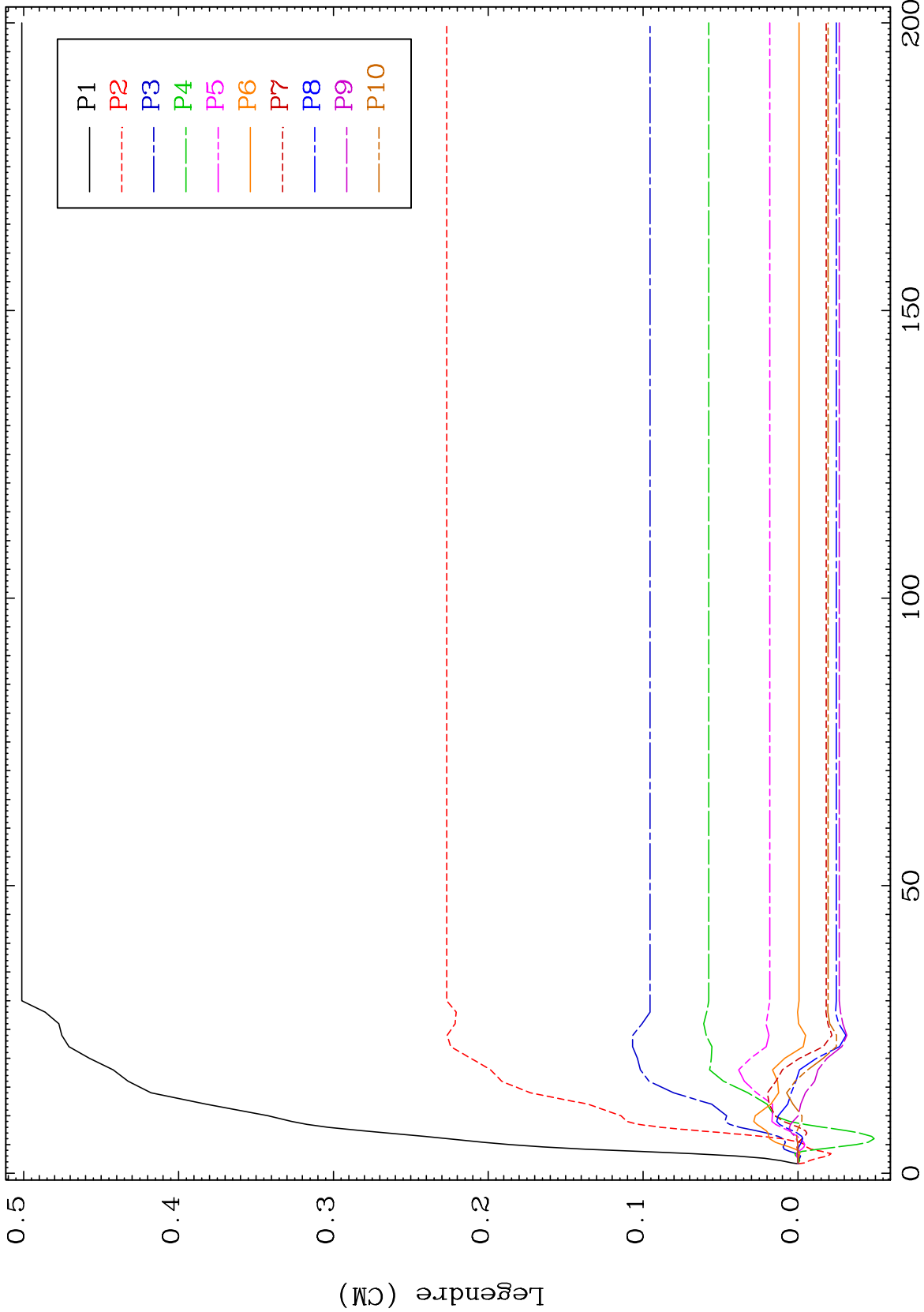
83-Bi-199

MAT 8295

MT= 66 (n,n') Level

83-Bi-199

Legendre Coefficients



79

Incident Energy (MeV)

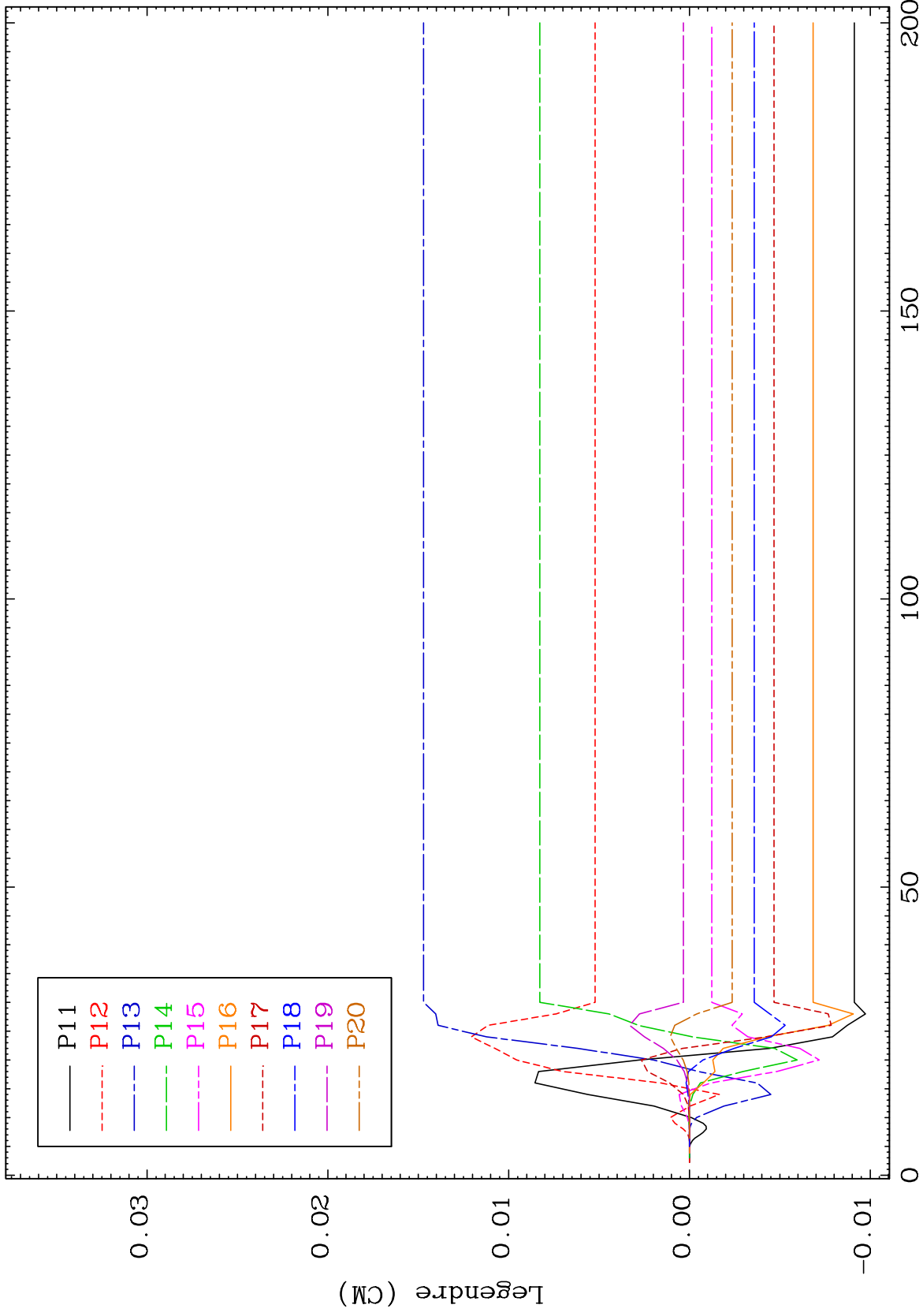
83-Bi-199



MAT 8295

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

83-Bi-199



80

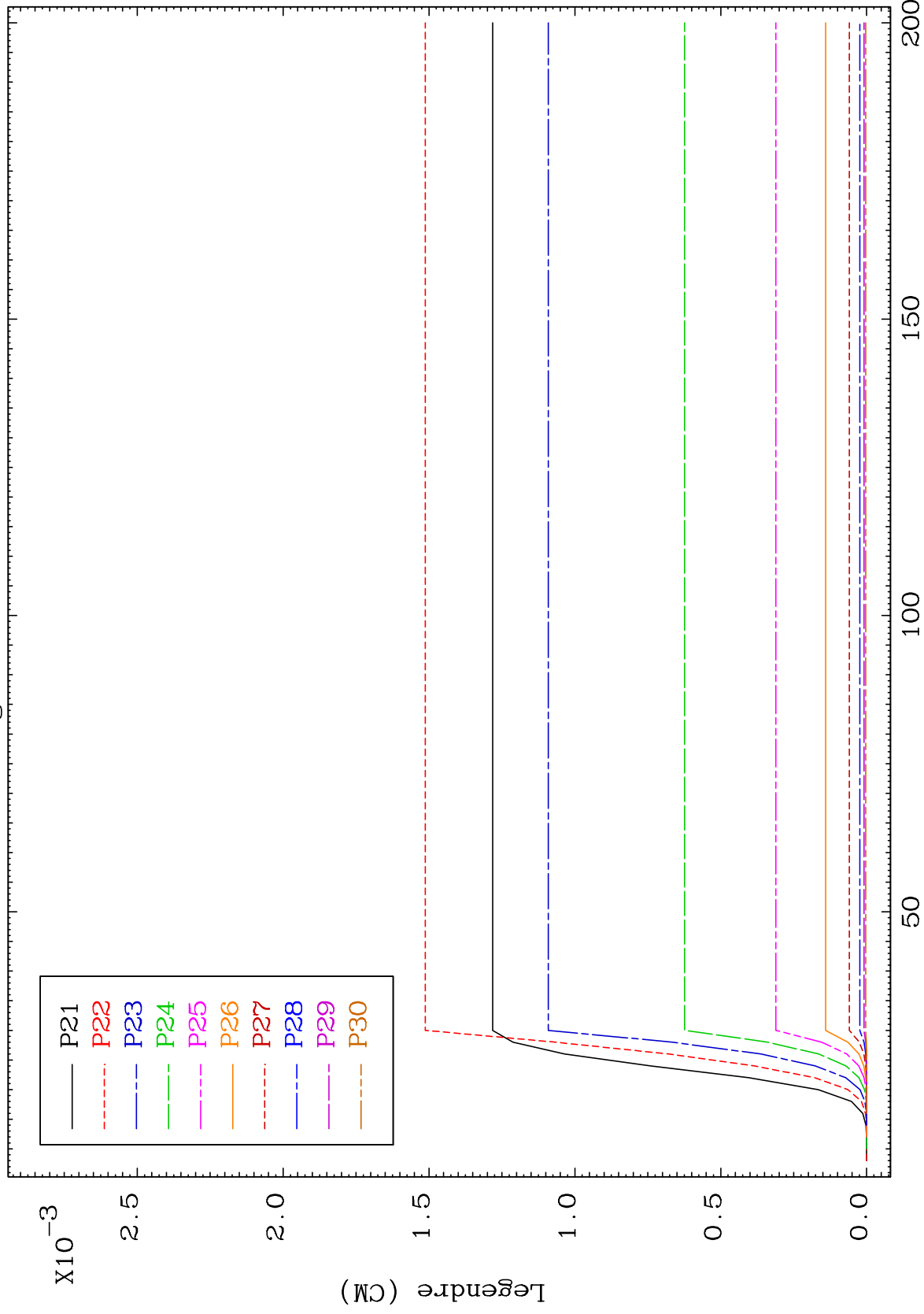
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



81

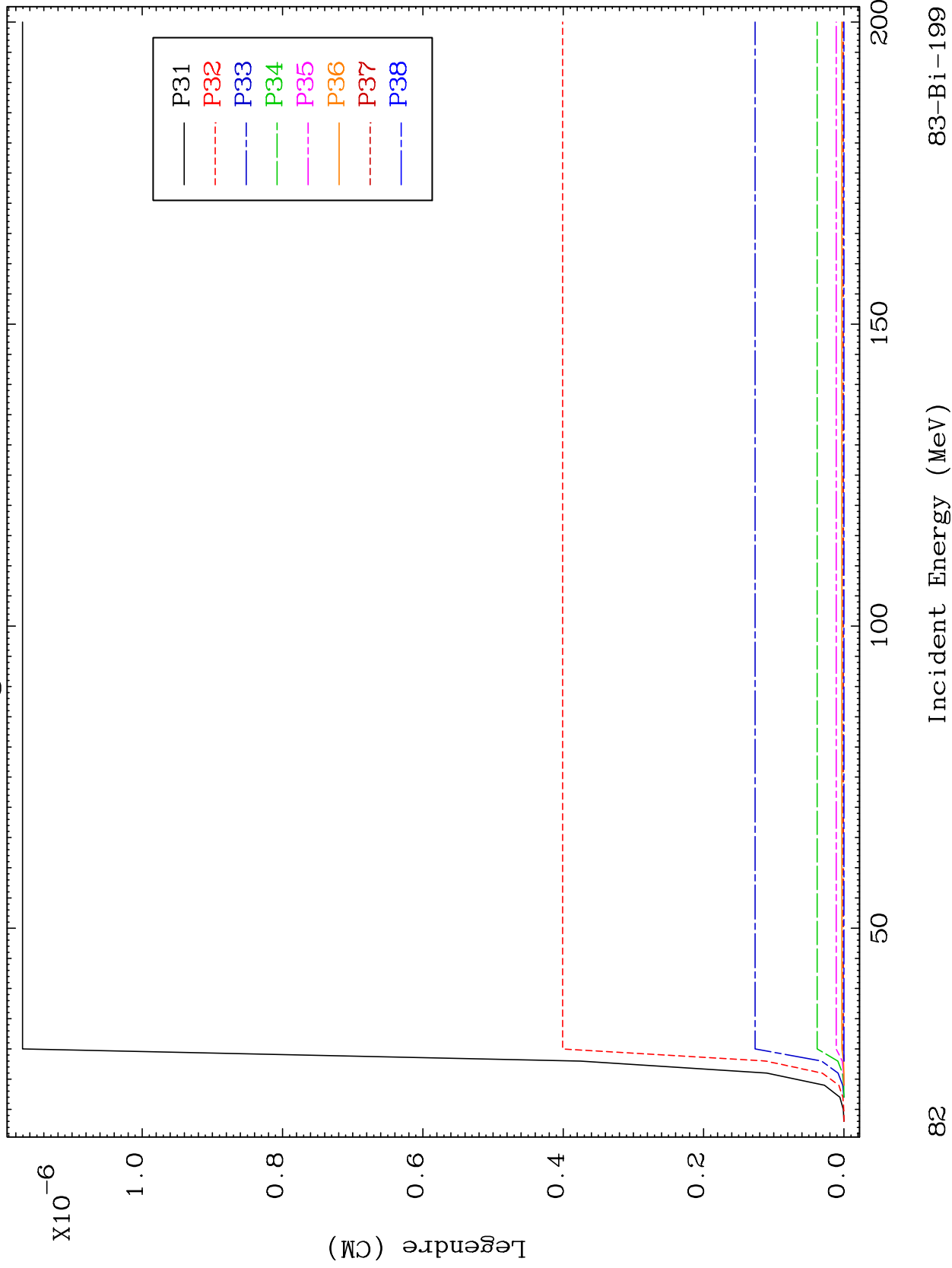
Incident Energy (MeV)

83-Bi-199

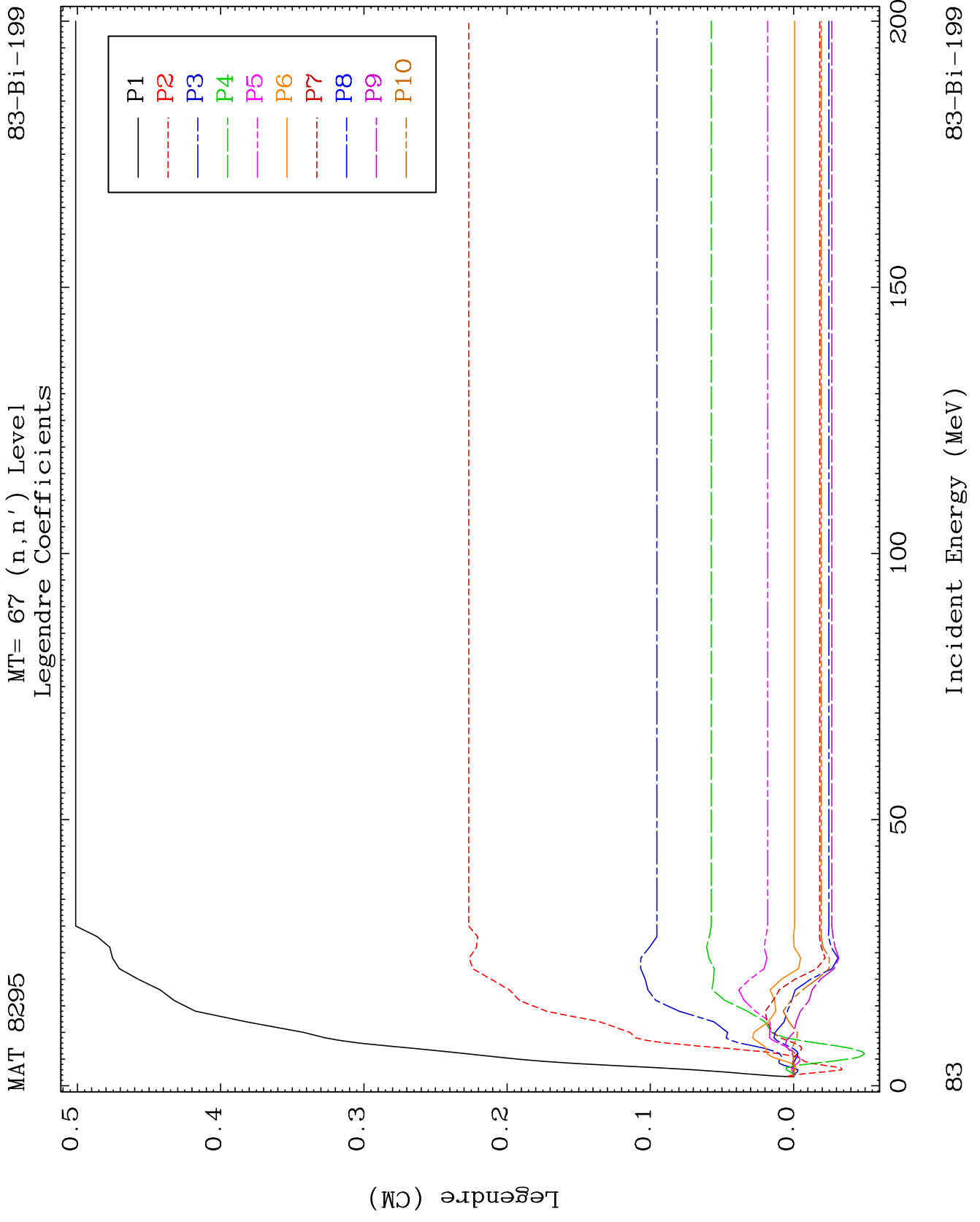
MAT 8295

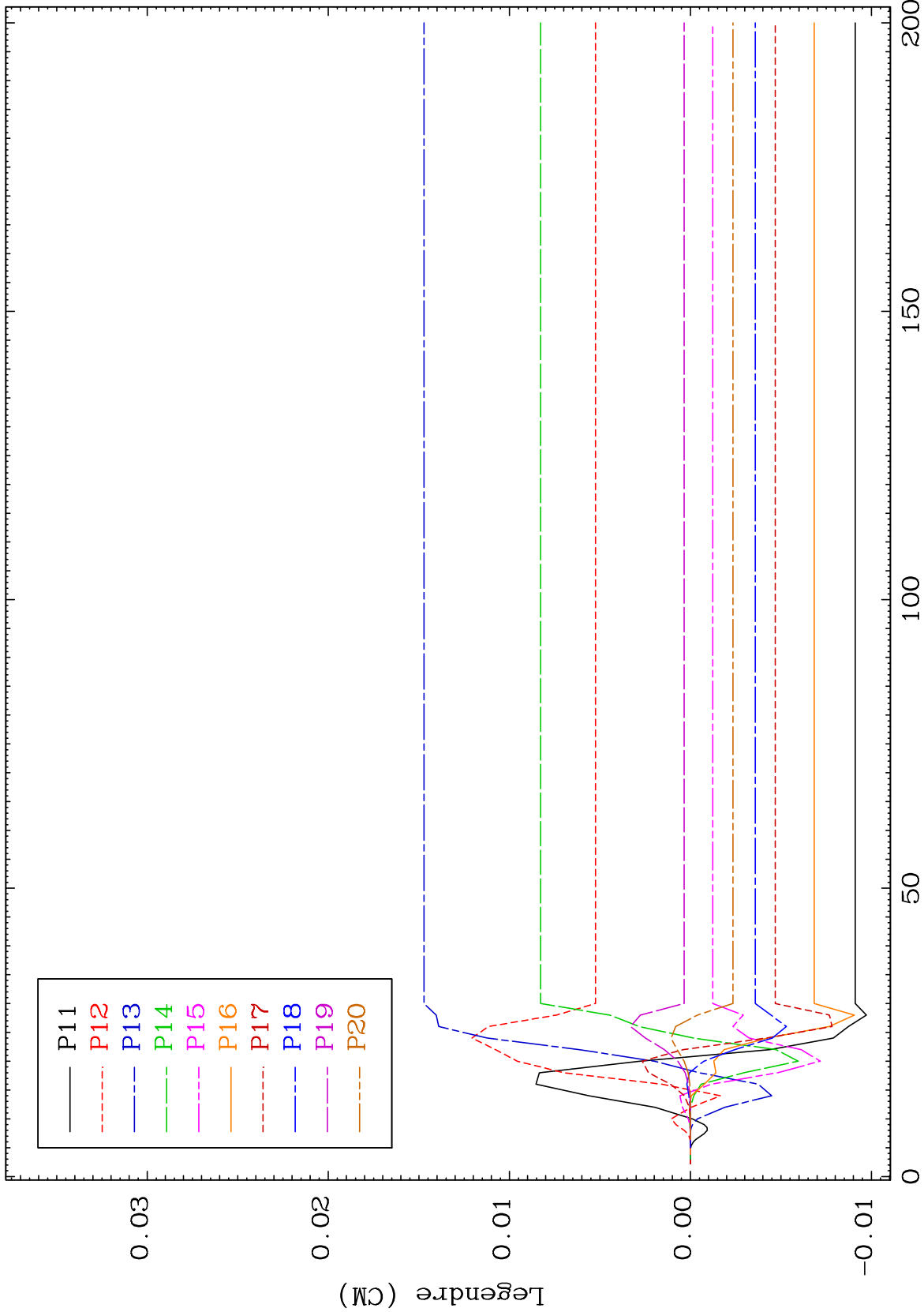
MT= 66 (n,n') Level  
Legendre Coefficients

83-Bi-199



82

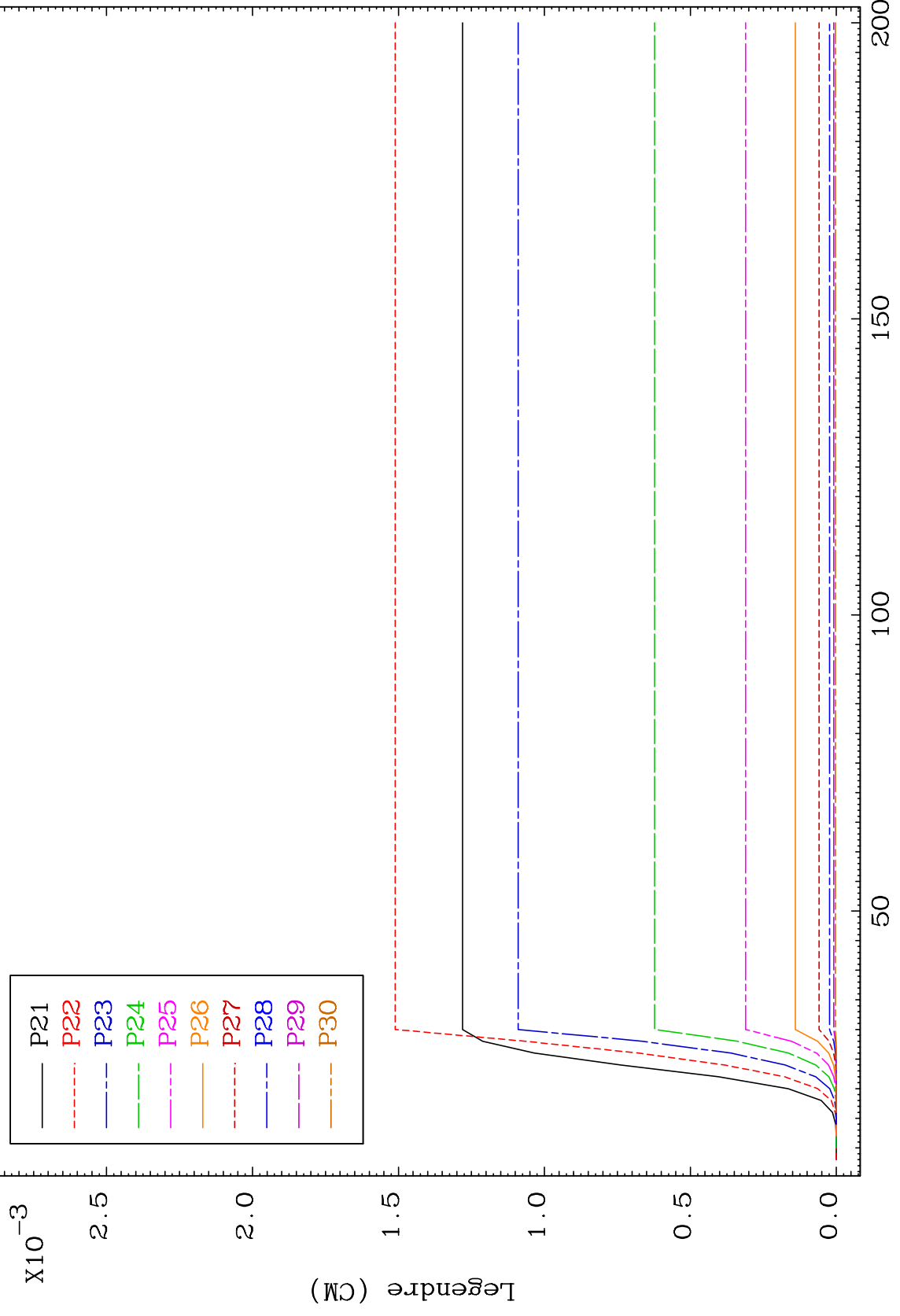
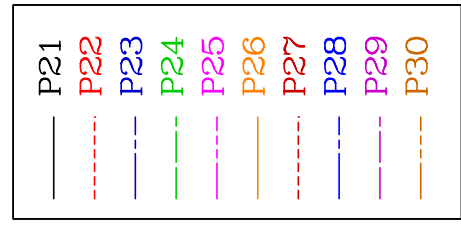




MAT 8295

MT= 67 (n,n') Level  
Legendre Coefficients

83-Bi-199



85

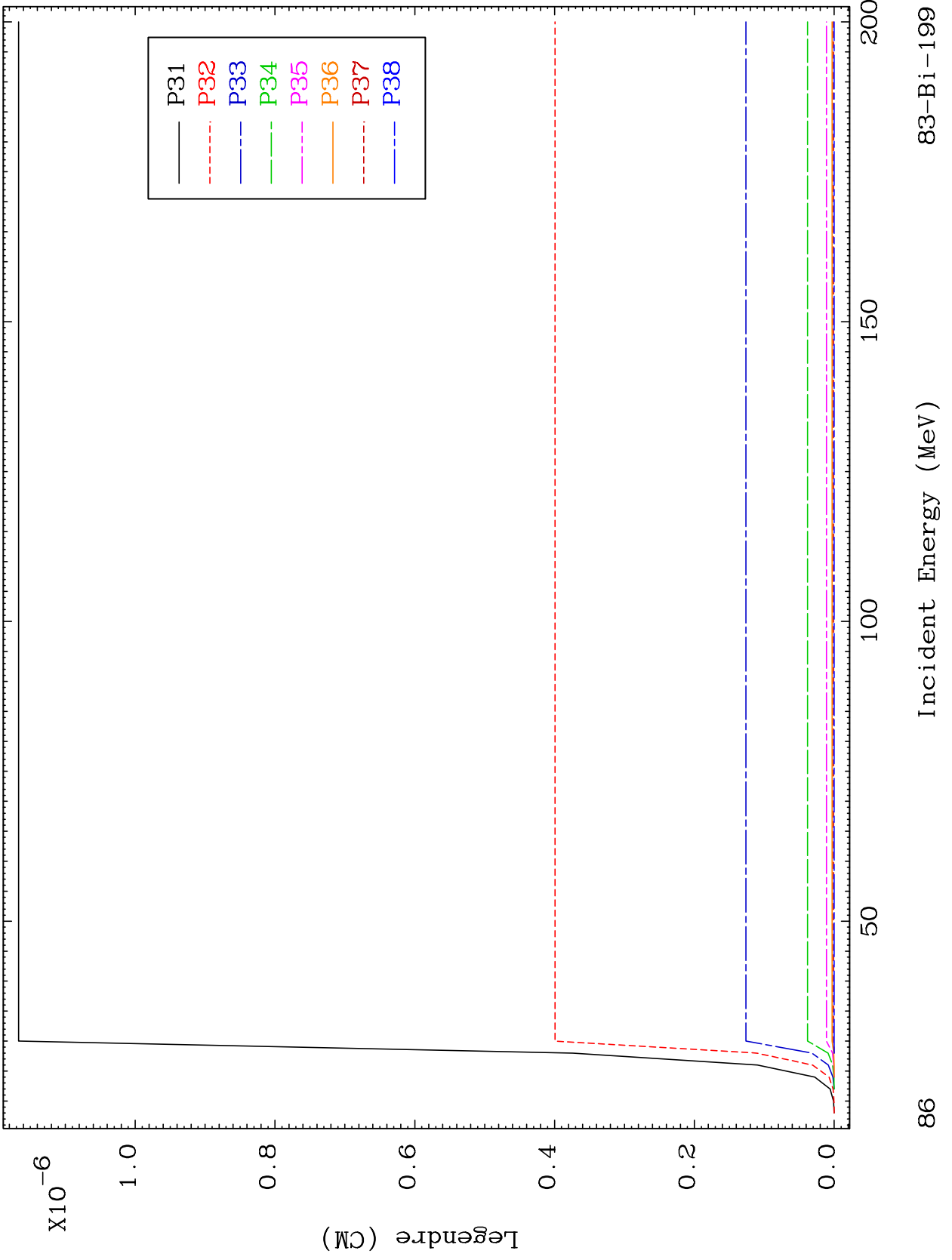
Incident Energy (MeV)

83-Bi-199

MAT 8295

MT= 67 (n,n') Level  
Legendre Coefficients

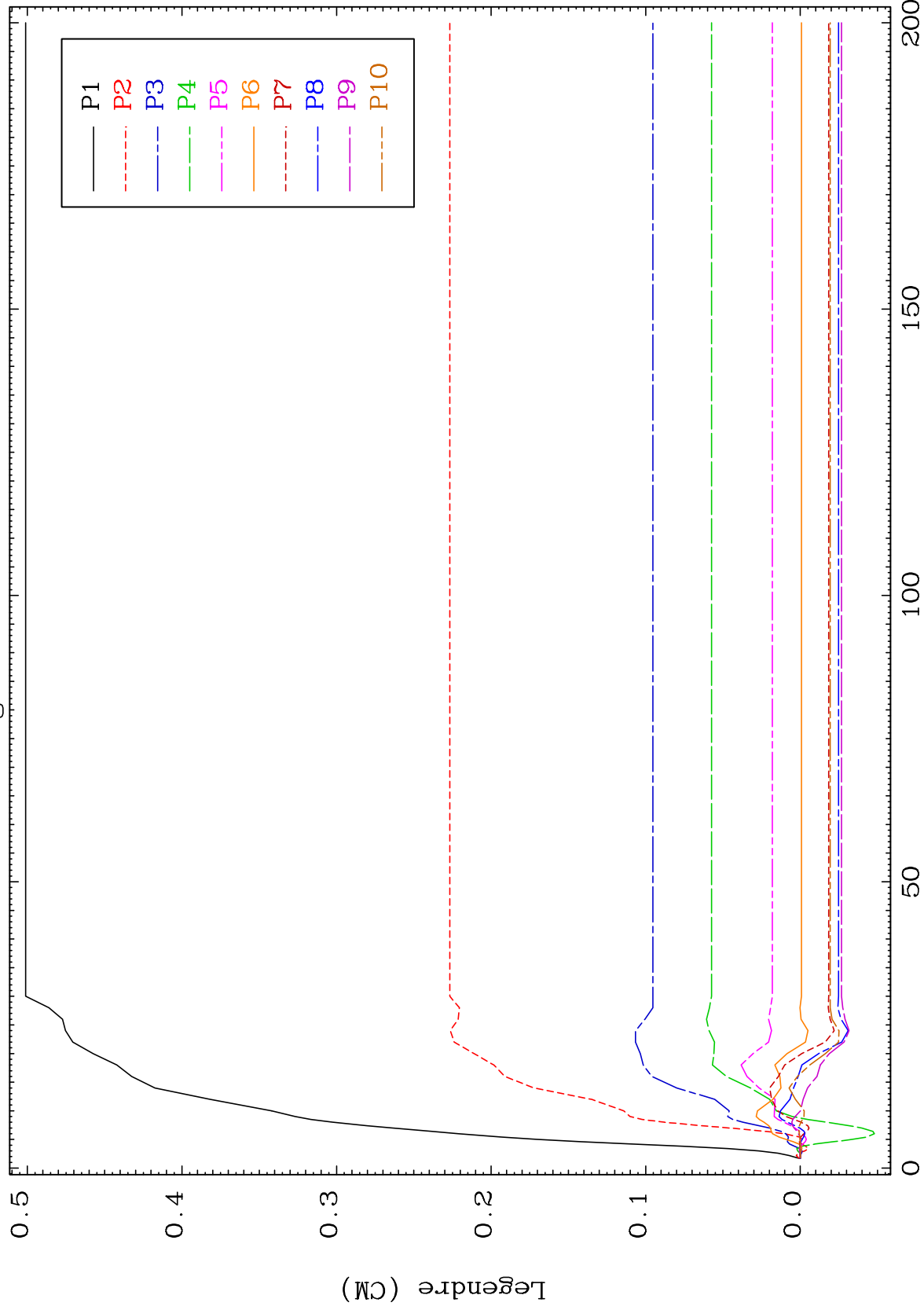
83-Bi-199



MAT 8295

MT= 68 (n,n') Level  
Legendre Coefficients

83-Bi-199



87

Incident Energy (MeV)

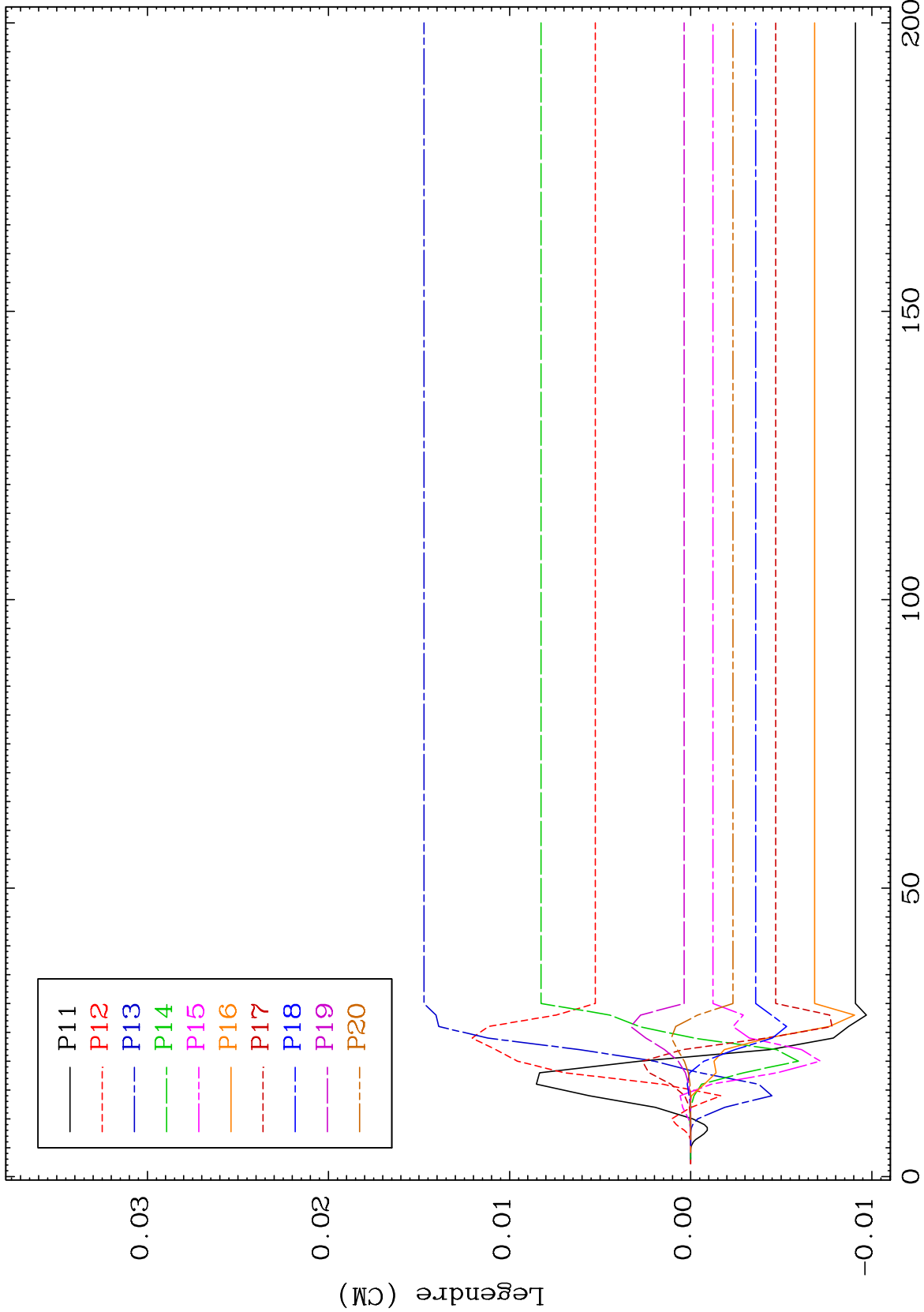
83-Bi-199



MAT 8295

MT= 68 (n,n') Level  
Legendre Coefficients

83-Bi-199



88

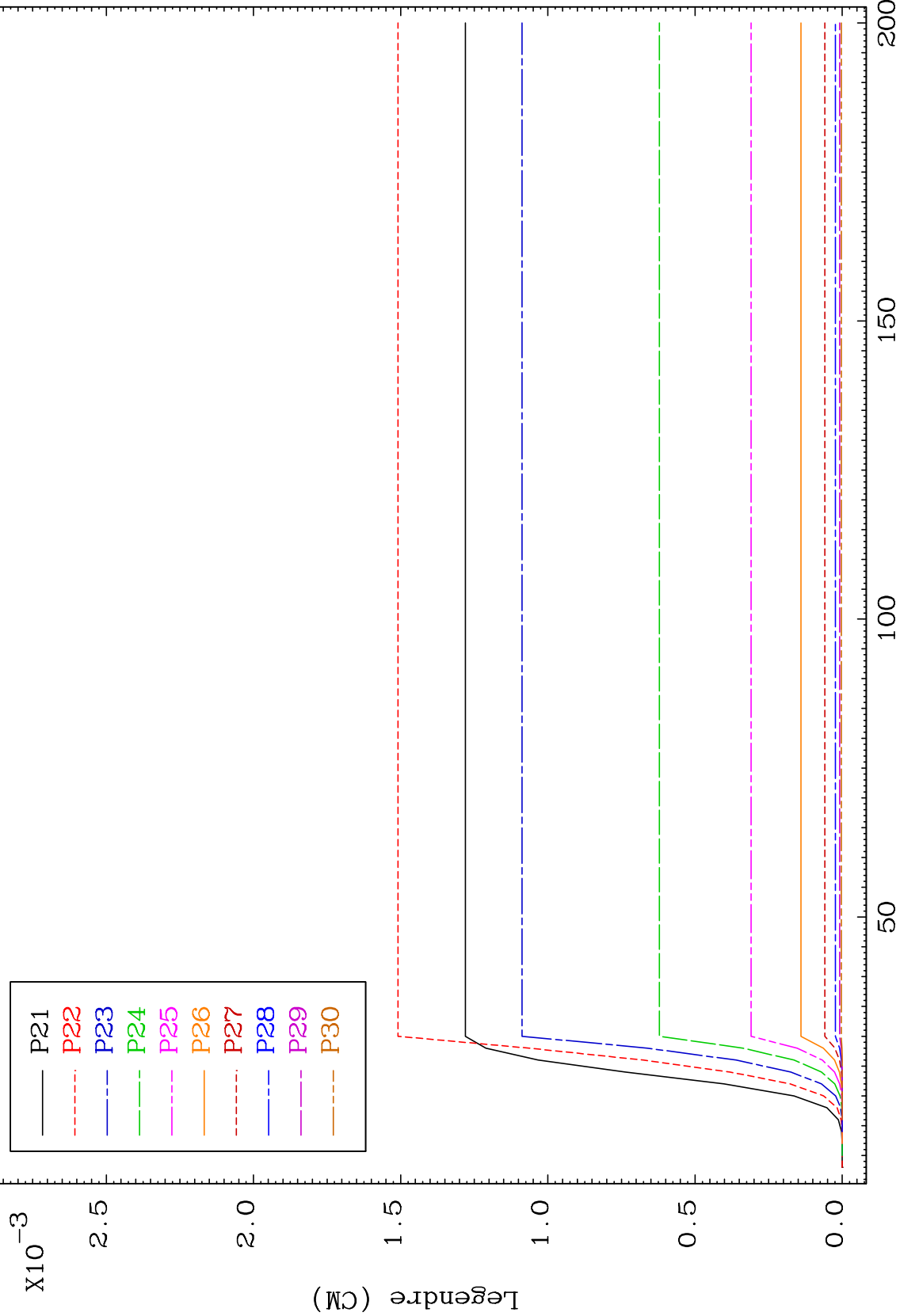
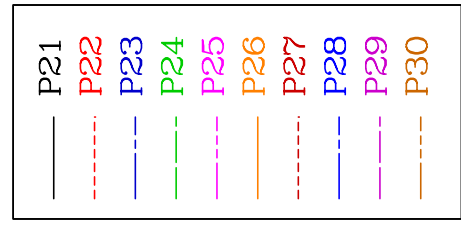
Incident Energy (MeV)

83-Bi-199

MAT 8295

MT= 68 (n,n') Level  
Legendre Coefficients

83-Bi-199



89

Incident Energy (MeV)

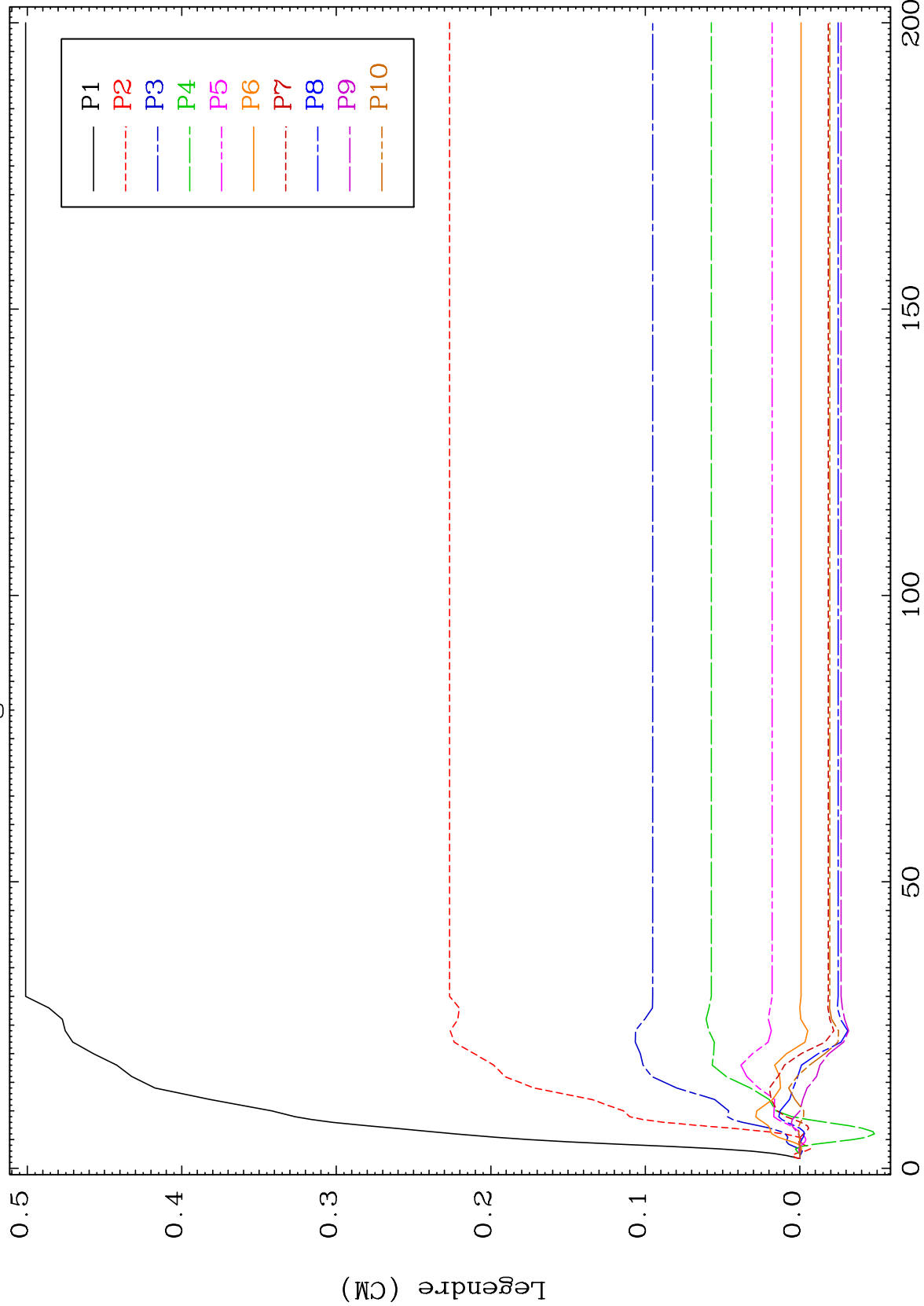
83-Bi-199



MAT 8295

MT= 69 (n,n') Level  
Legendre Coefficients

83-Bi-199



91

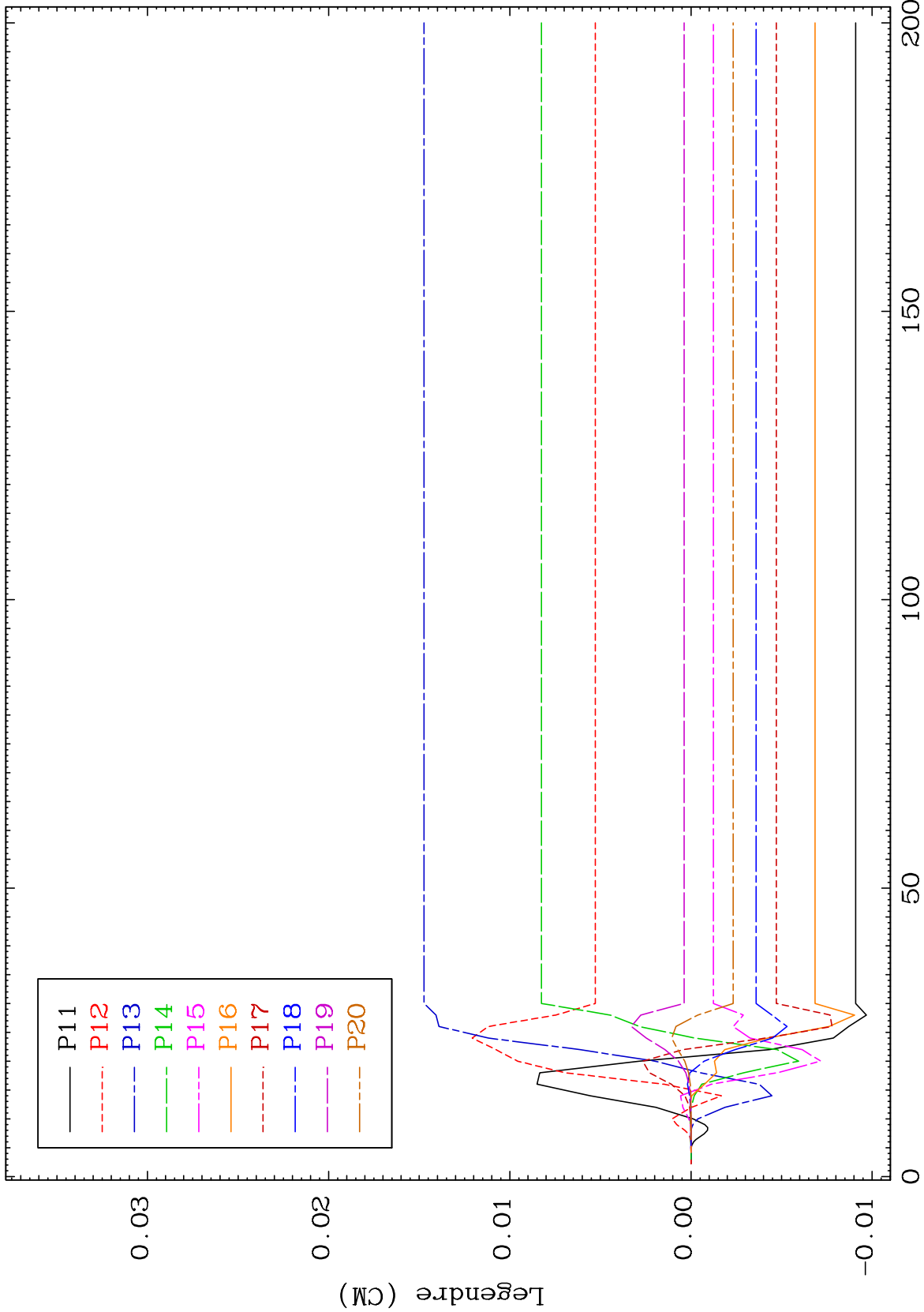
Incident Energy (MeV)

83-Bi-199

MAT 8295

MT= 69 (n,n') Level  
Legendre Coefficients

83-Bi-199



92

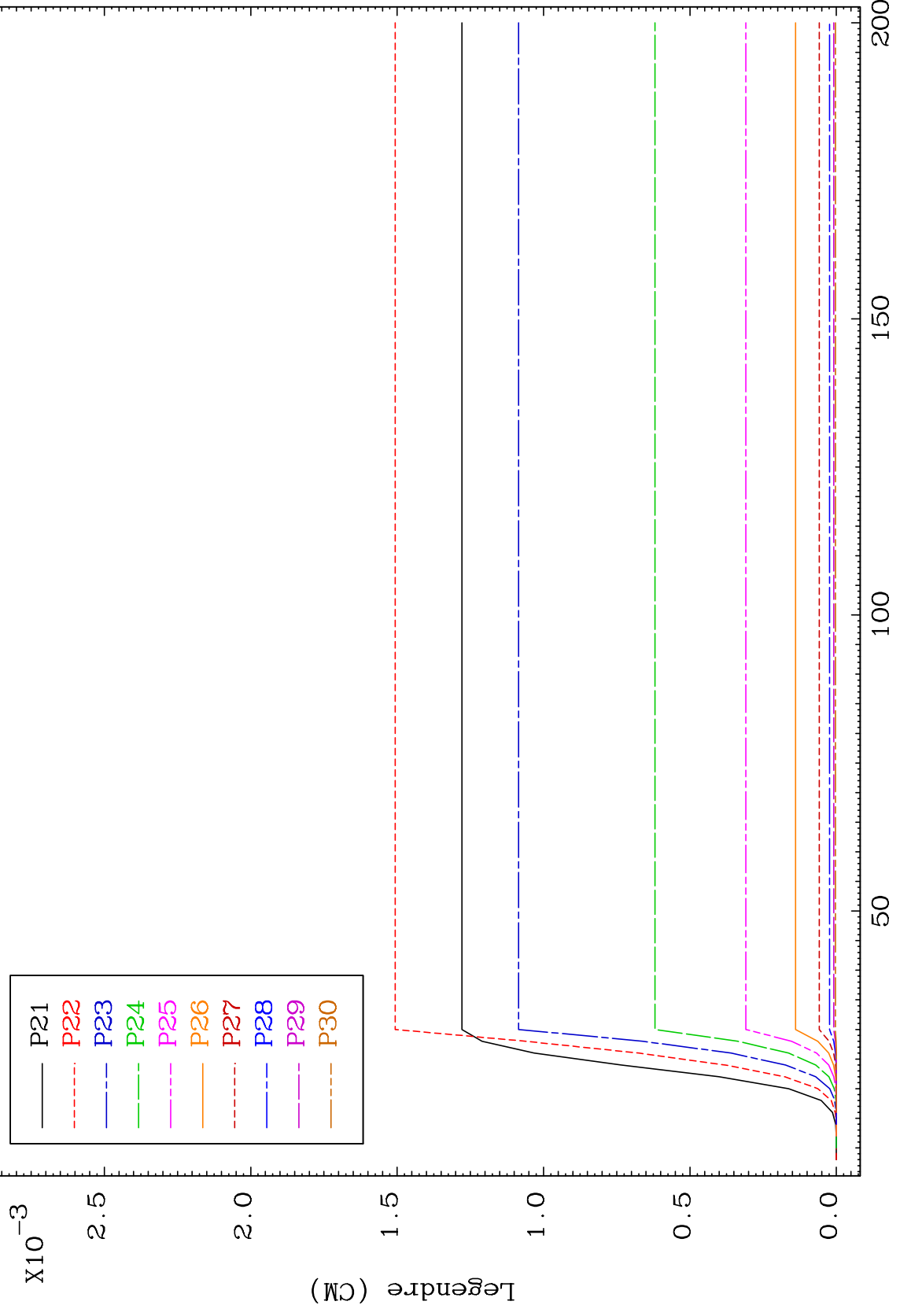
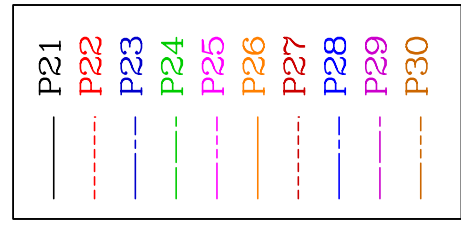
Incident Energy (MeV)

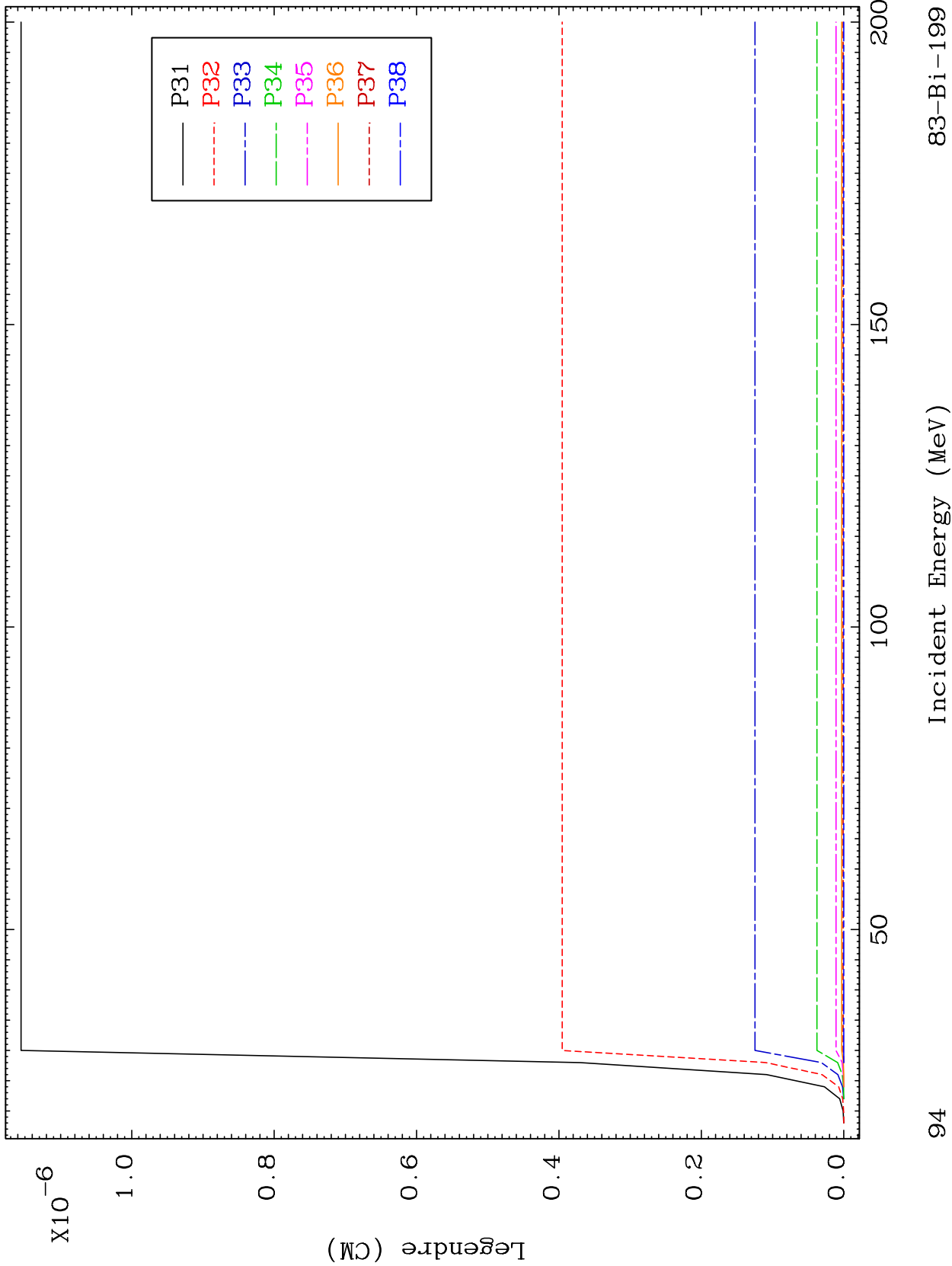
83-Bi-199

MAT 8295

MT= 69 (n,n') Level  
Legendre Coefficients

83-Bi-199

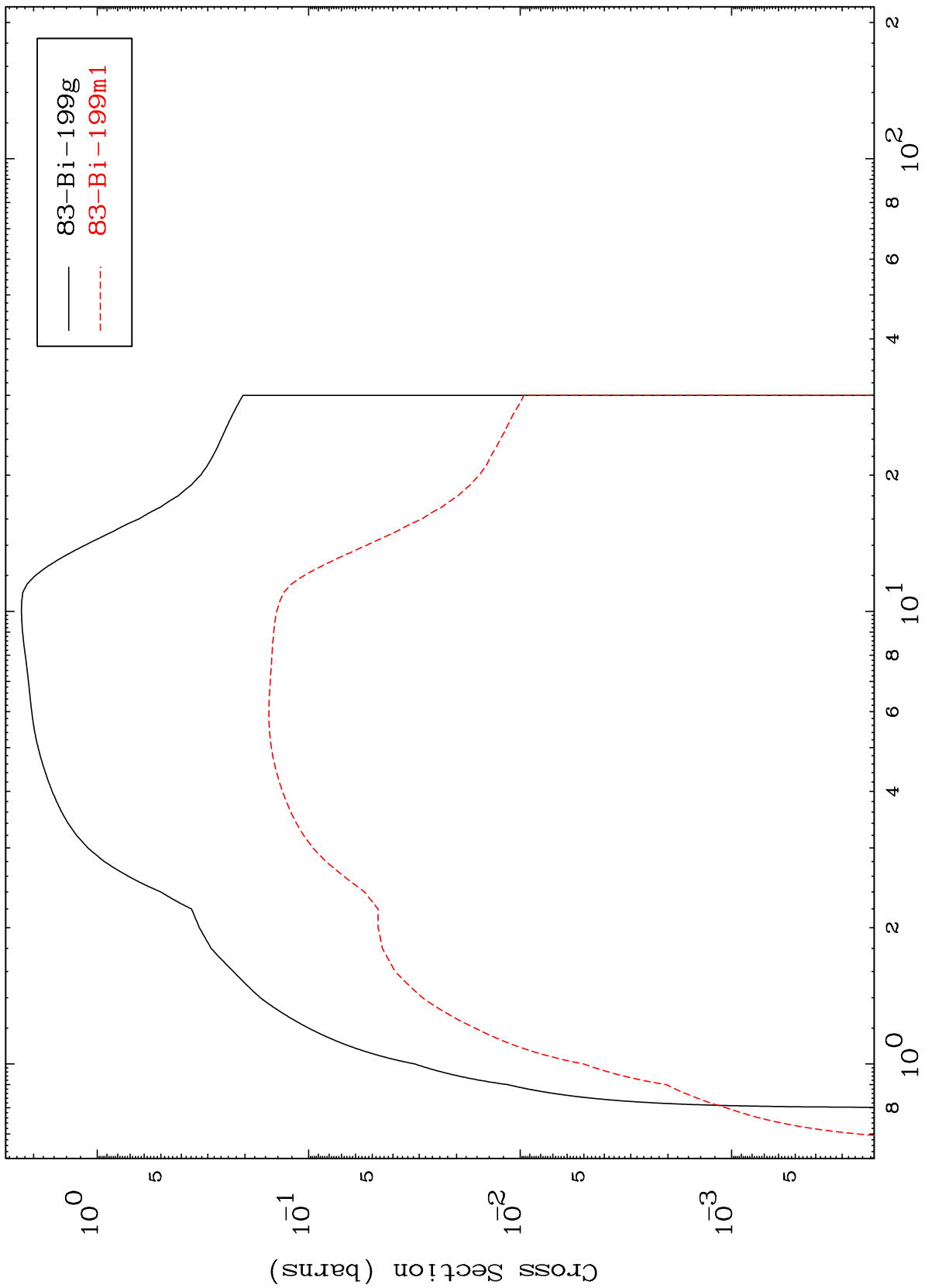




MAT 8295

83-Bi-199

Inelastic  
Radionuclide Production Cross Section

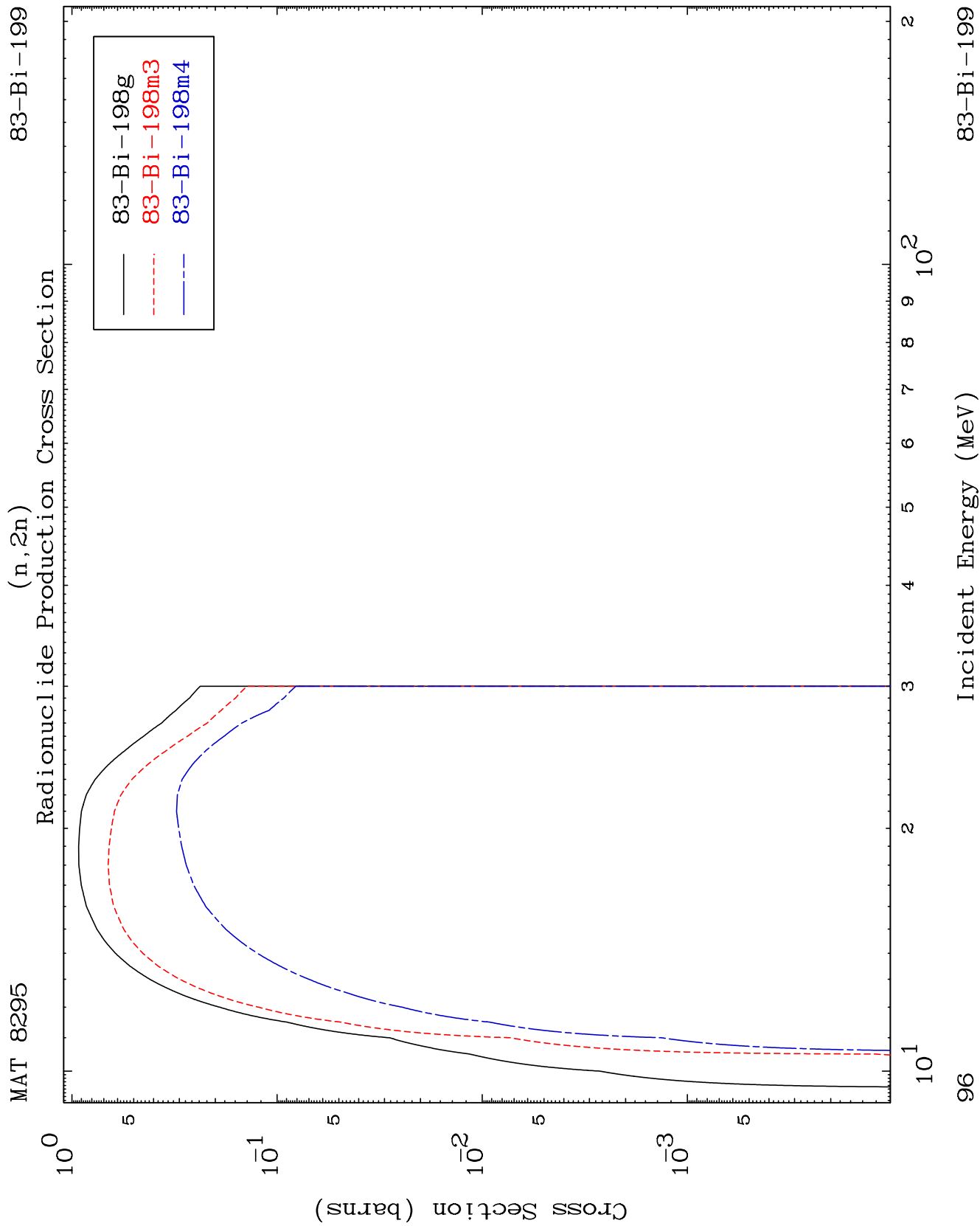


95

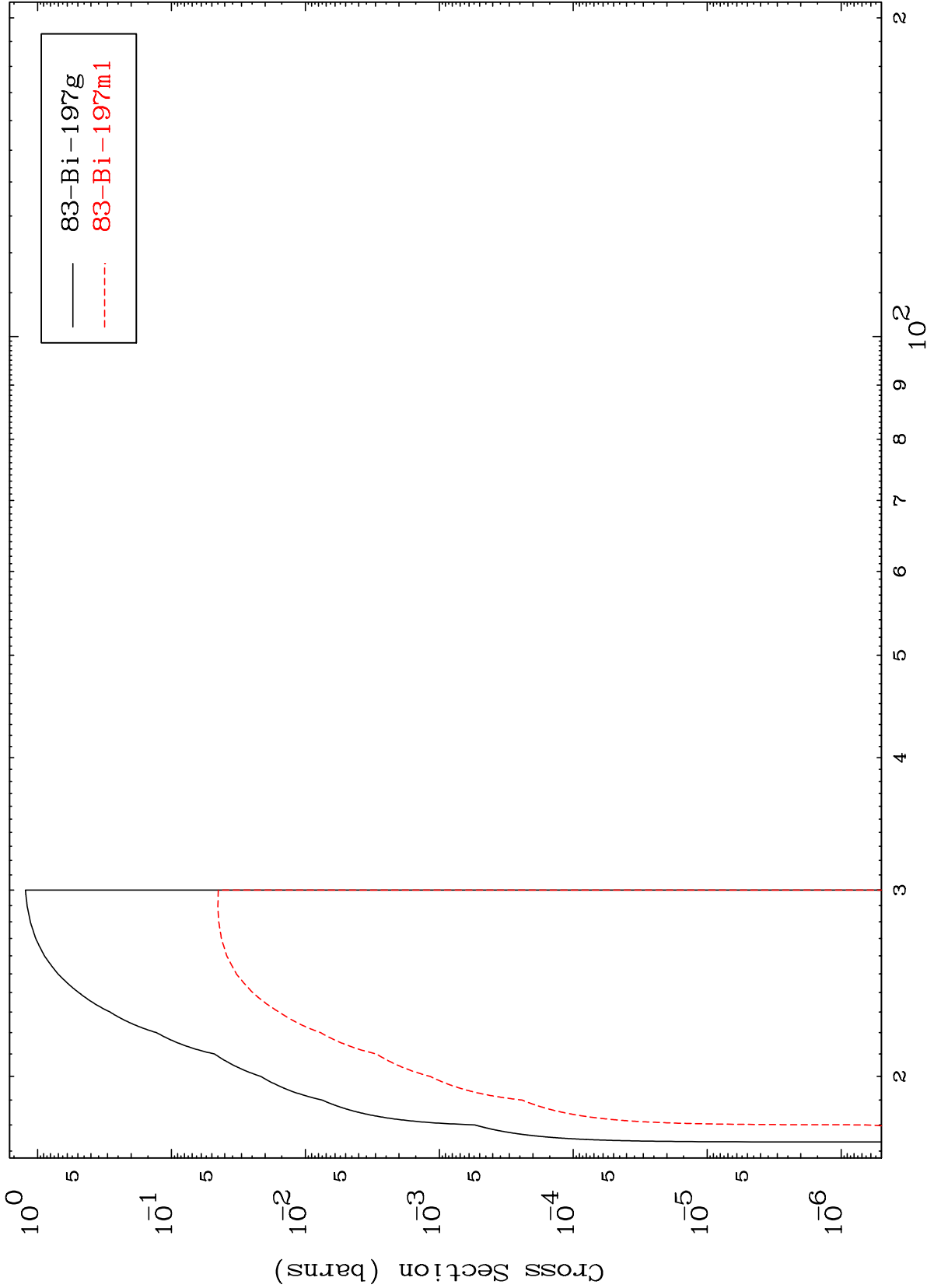
Incident Energy (MeV)

83-Bi-199





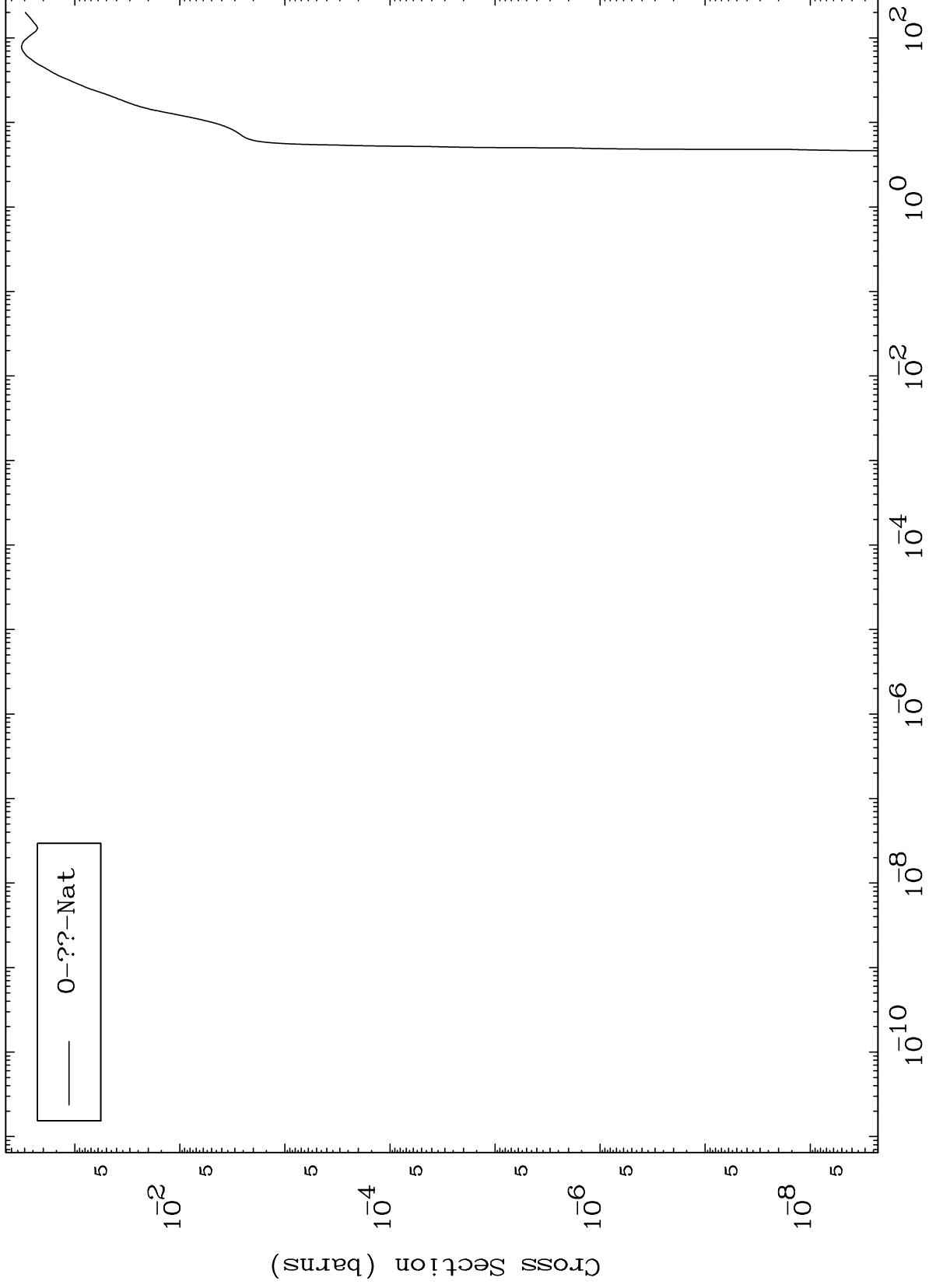
(n,3n)  
Radionuclide Production Cross Section



MAT 8295

Fission  
Radionuclide Production Cross Section

83-Bi-199



98

Incident Energy (MeV)

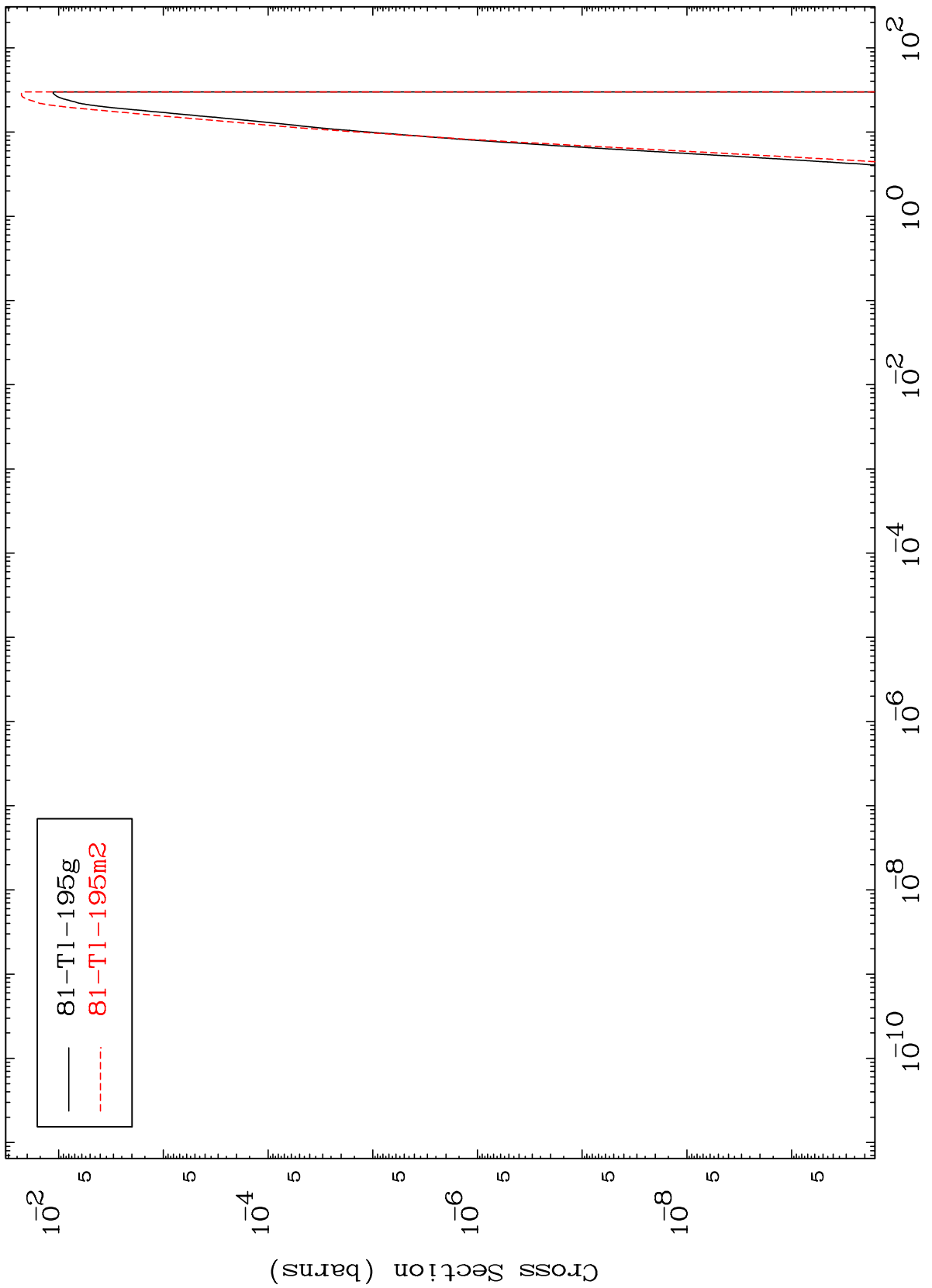
83-Bi-199

MAT 8295

$(n, n') \alpha$

83-Bi-199

Radionuclide Production Cross Section



99

Incident Energy (MeV)

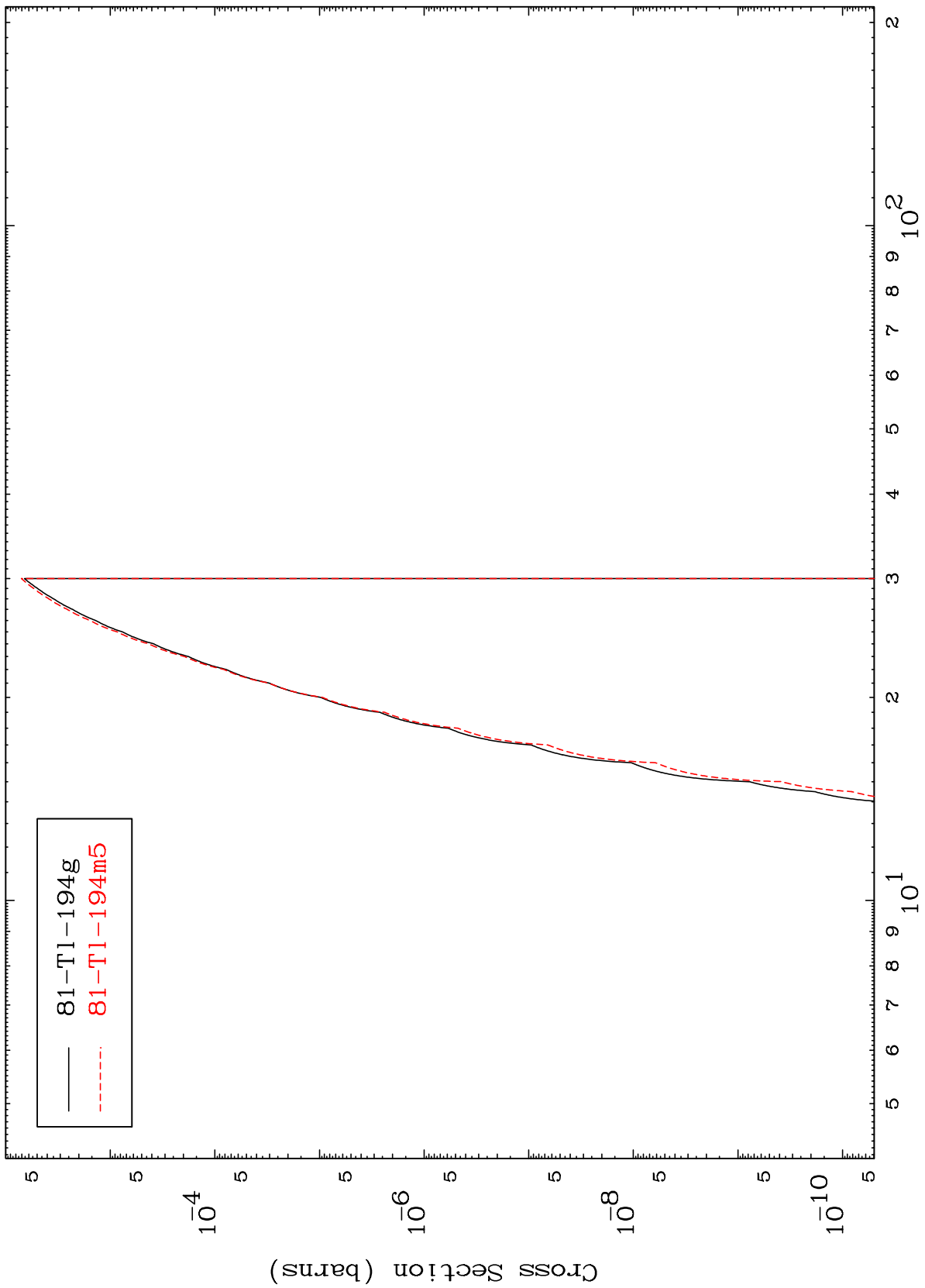
83-Bi-199

MAT 8295

$(n, 2n)$   $\alpha$

83-Bi-199

Radionuclide Production Cross Section



100

Incident Energy (MeV)

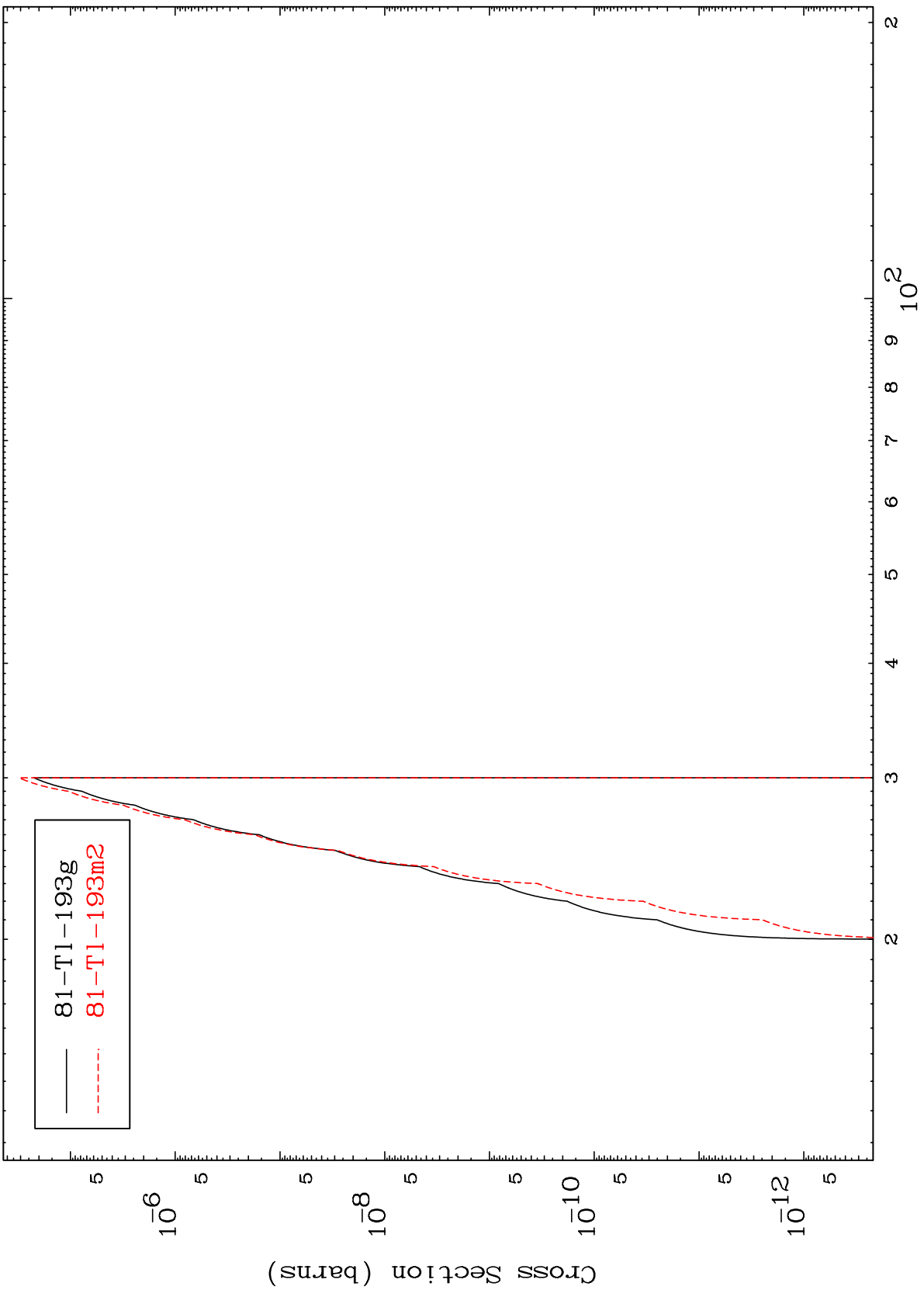
83-Bi-199

MAT 8295

(n,3n)  $\alpha$

83-Bi-199

Radionuclide Production Cross Section



101

Incident Energy (MeV)

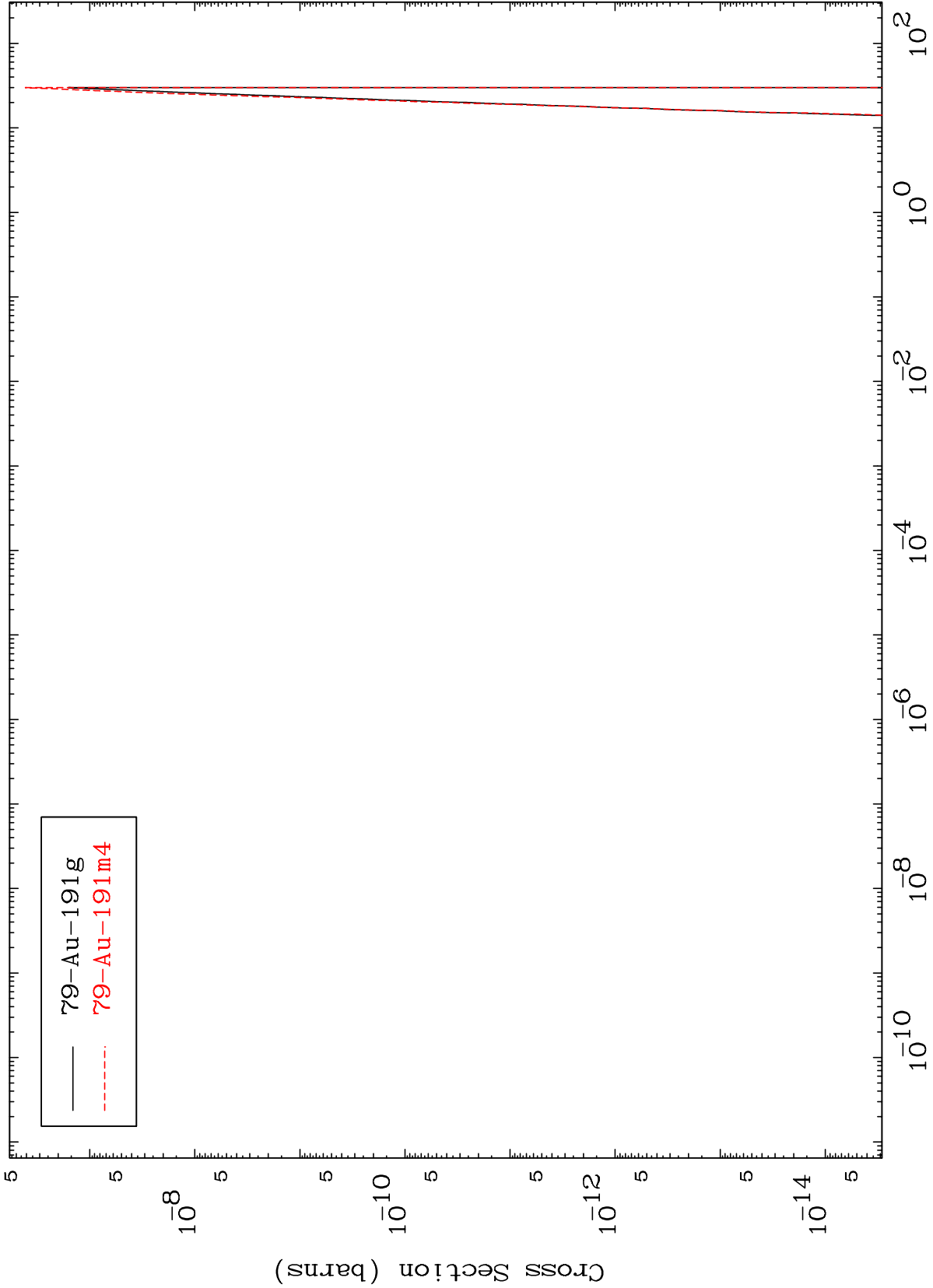
83-Bi-199

MAT 8295

(n,n') 2 $\alpha$

83-Bi-199

Radionuclide Production Cross Section



102

Incident Energy (MeV)

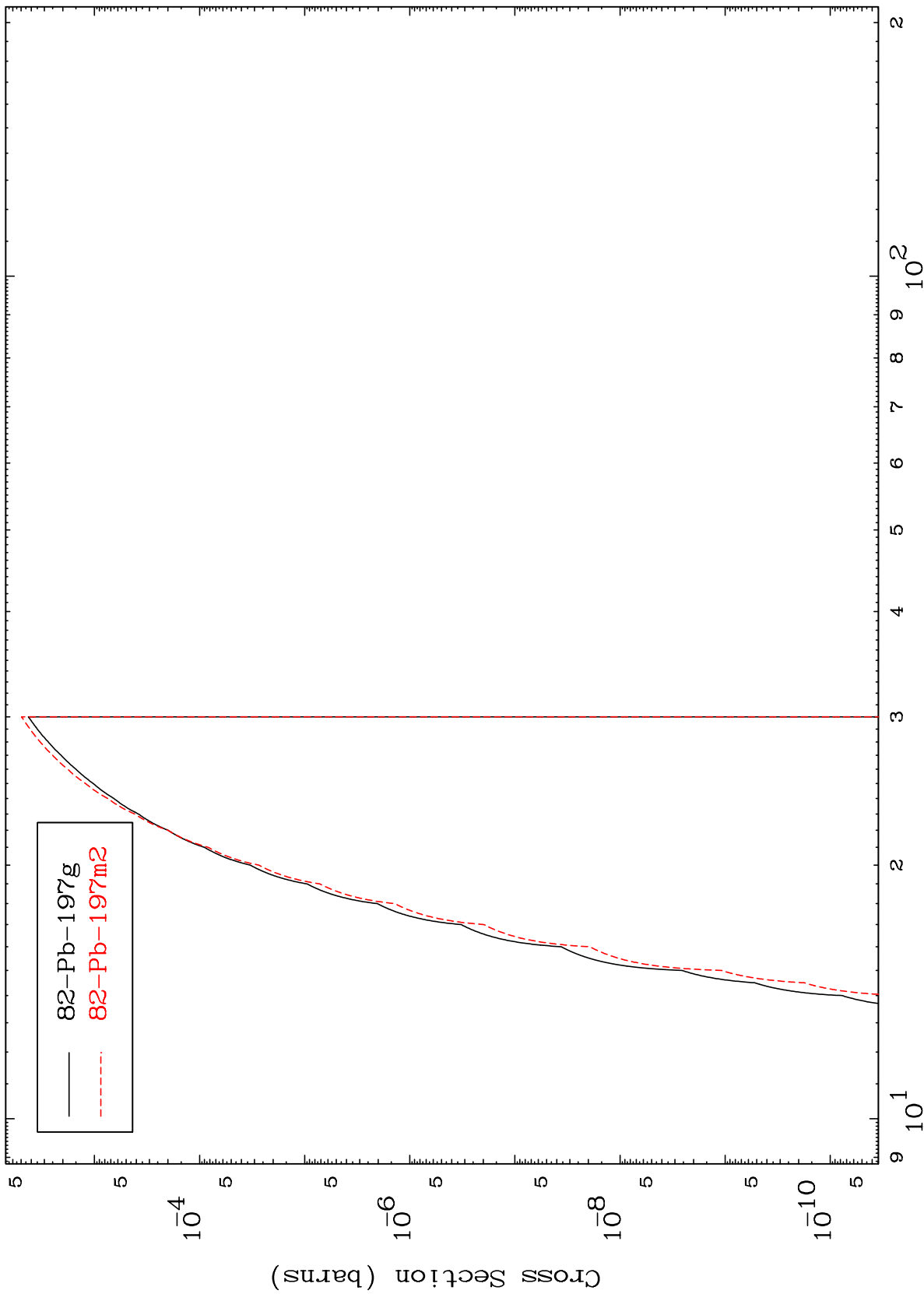
83-Bi-199

MAT 8295

(n,n') d

83-Bi-199

Radionuclide Production Cross Section



83-Bi-199

83-Bi-199

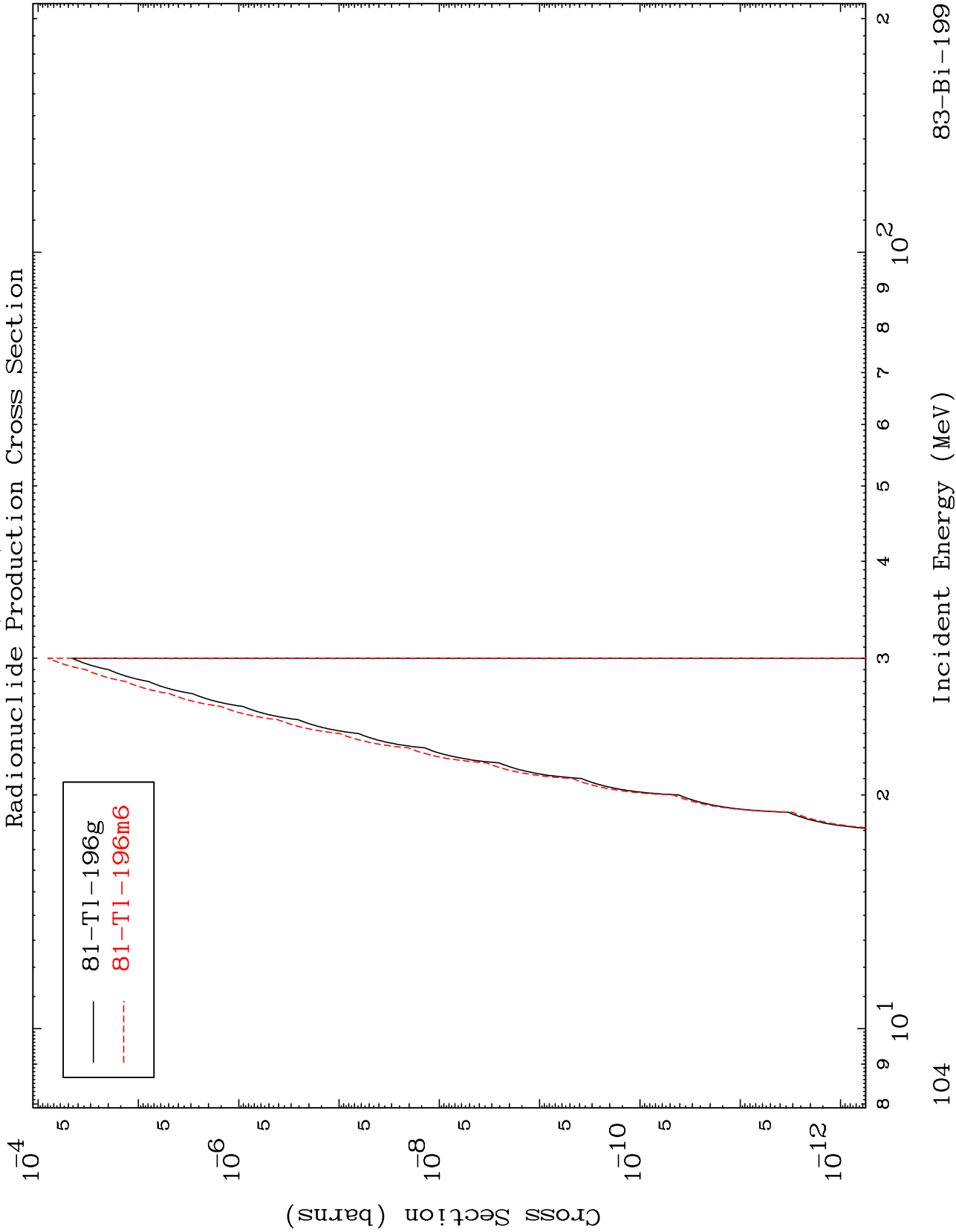
103



MAT 8295

(n,n') He-3

83-Bi-199

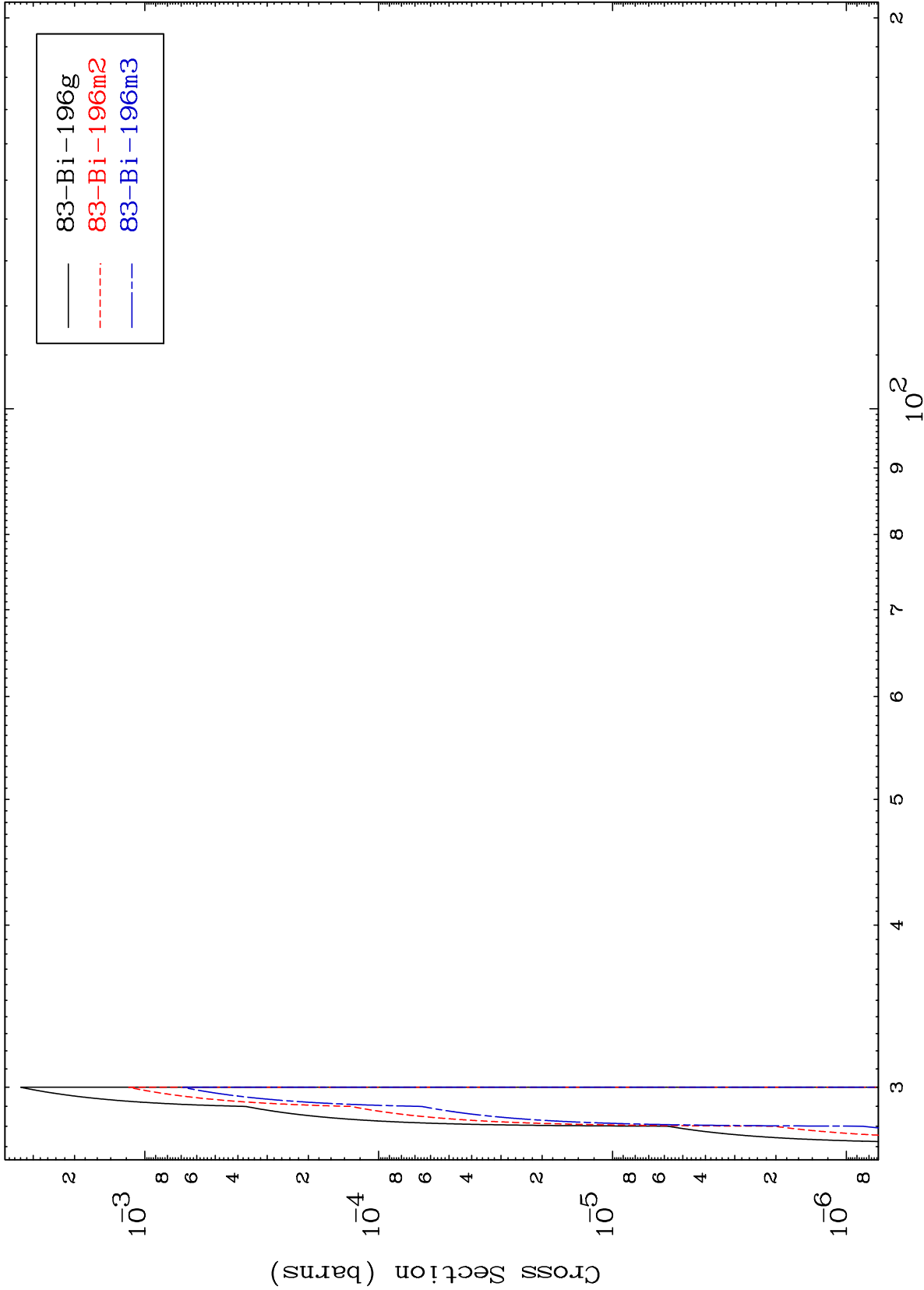


MAT 8295

(n,4n)

83-Bi-199

Radionuclide Production Cross Section



105

Incident Energy (MeV)

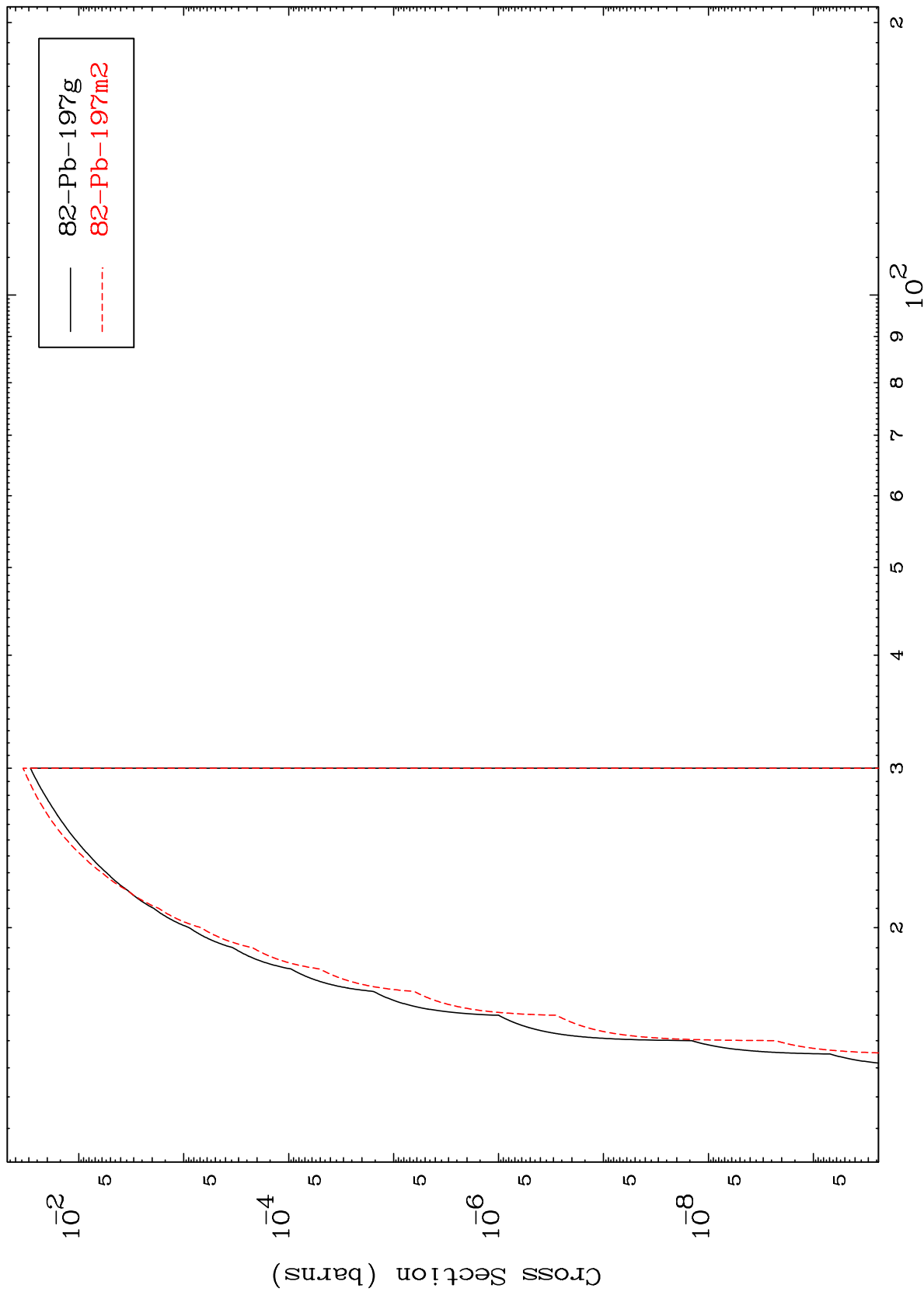
83-Bi-199

MAT 8295

(n,2n) p

83-Bi-199

Radionuclide Production Cross Section



106

Incident Energy (MeV)

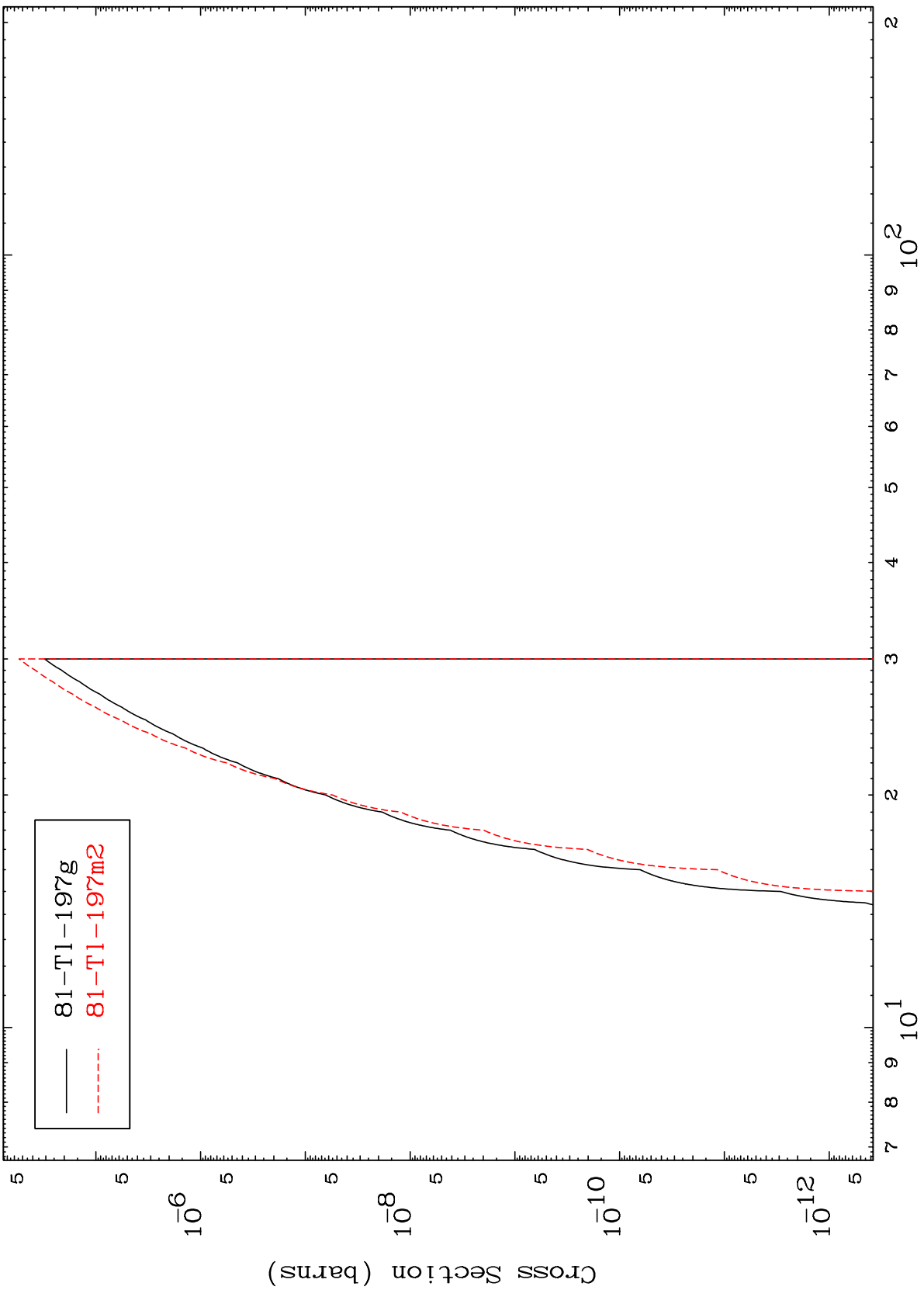
83-Bi-199

MAT 8295

(n,2n) p

83-Bi-199

Radionuclide Production Cross Section



107

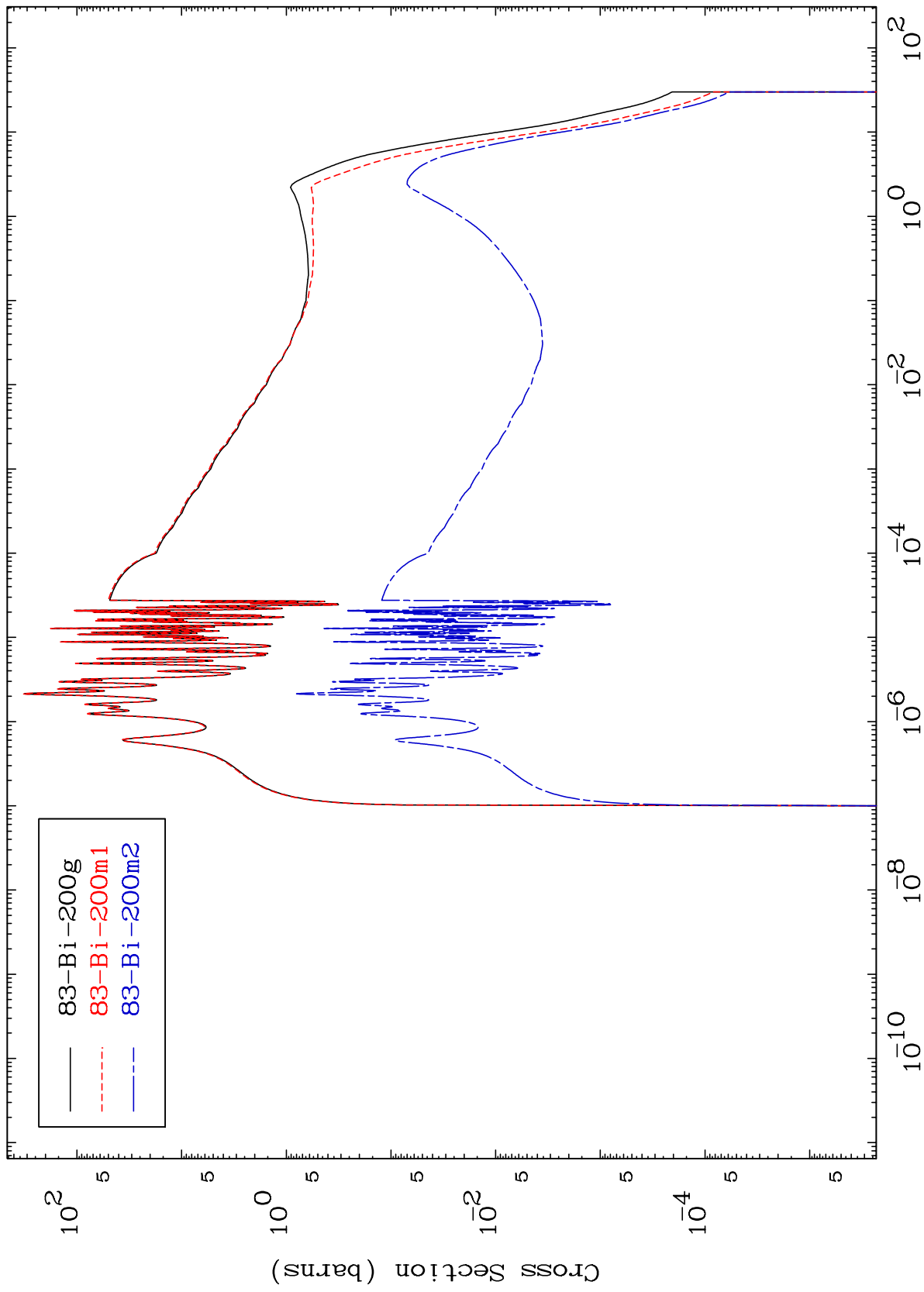
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

Radionuclide Production Cross Section



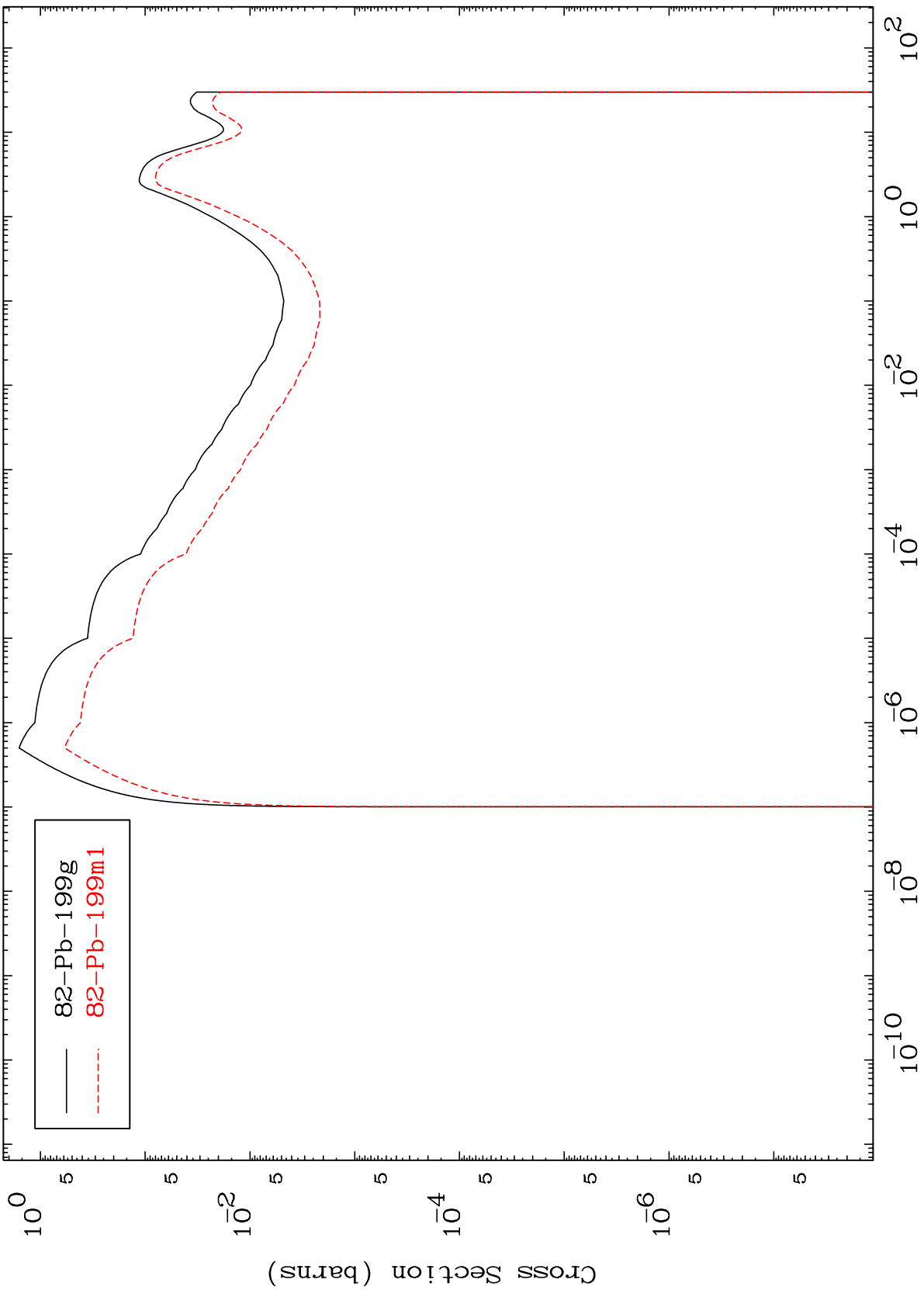
108

83-Bi-199

MAT 8295

83-Bi-199

(n,p)  
Radionuclide Production Cross Section



— 82-Pb-199g  
- - - 82-Pb-199m1

109

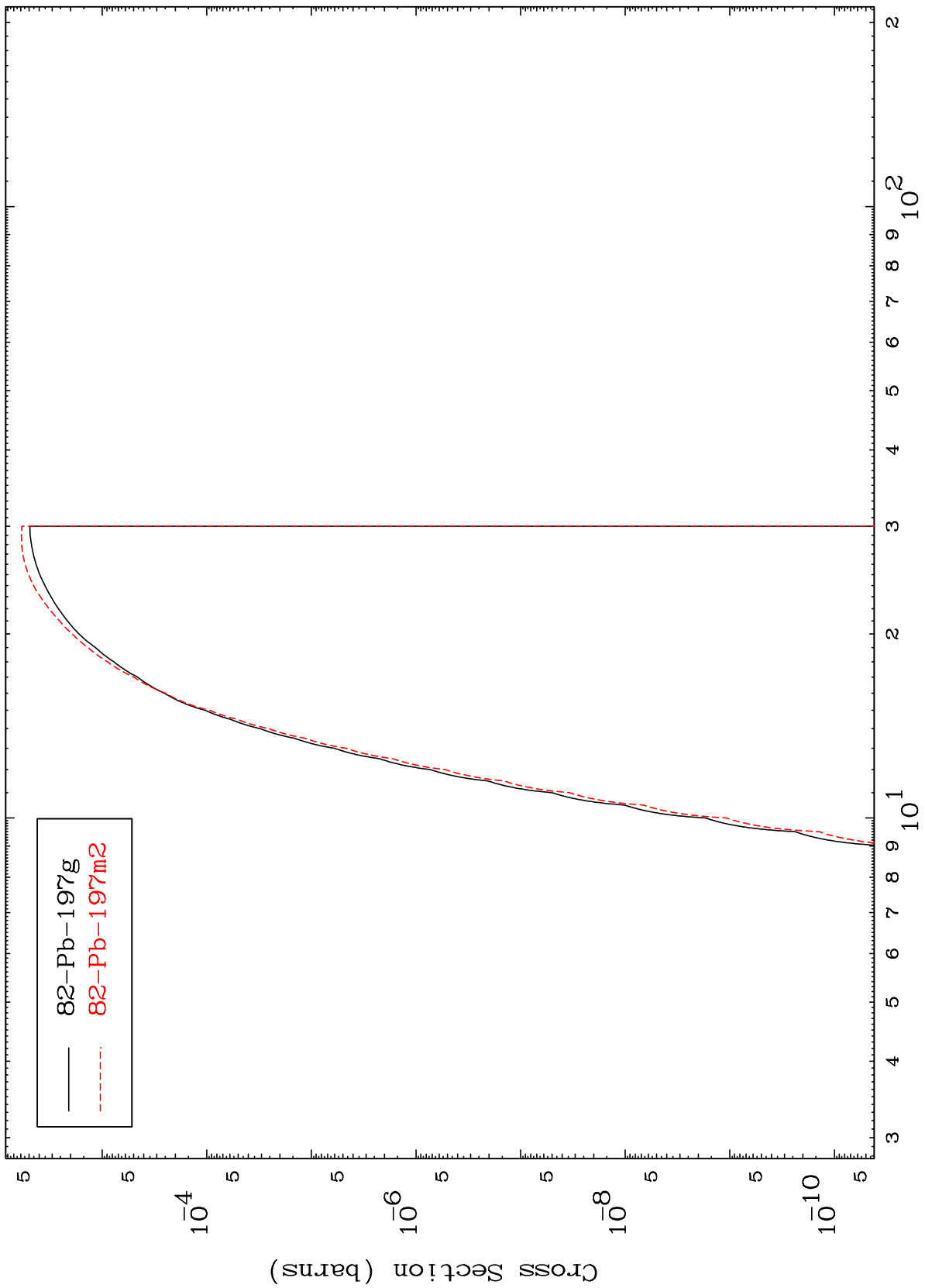
83-Bi-199

Incident Energy (MeV)

MAT 8295

83-Bi-199

(n, t)  
Radionuclide Production Cross Section



110

Incident Energy (MeV)

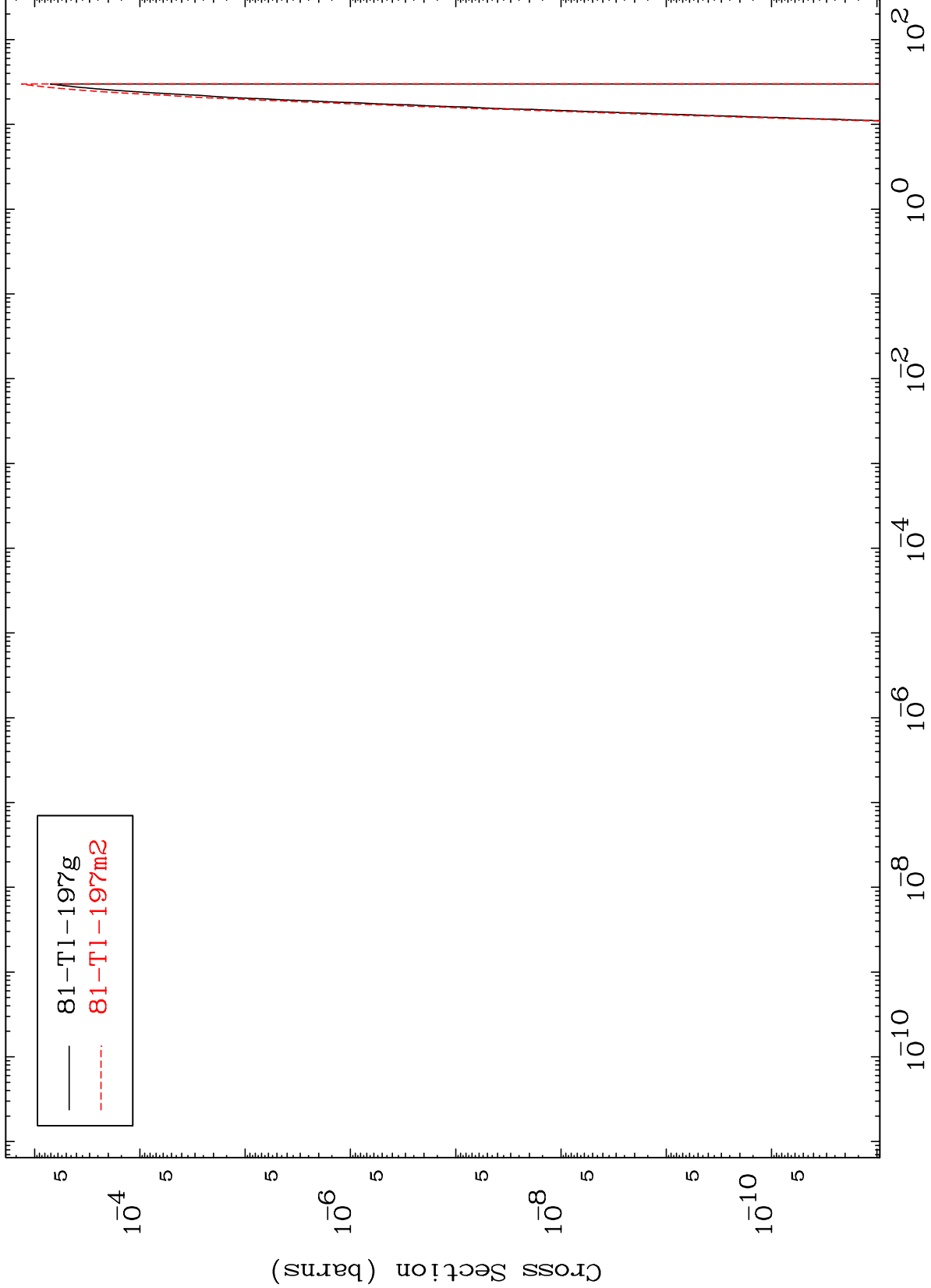
83-Bi-199

MAT 8295

(n,He-3)

83-Bi-199

Radionuclide Production Cross Section

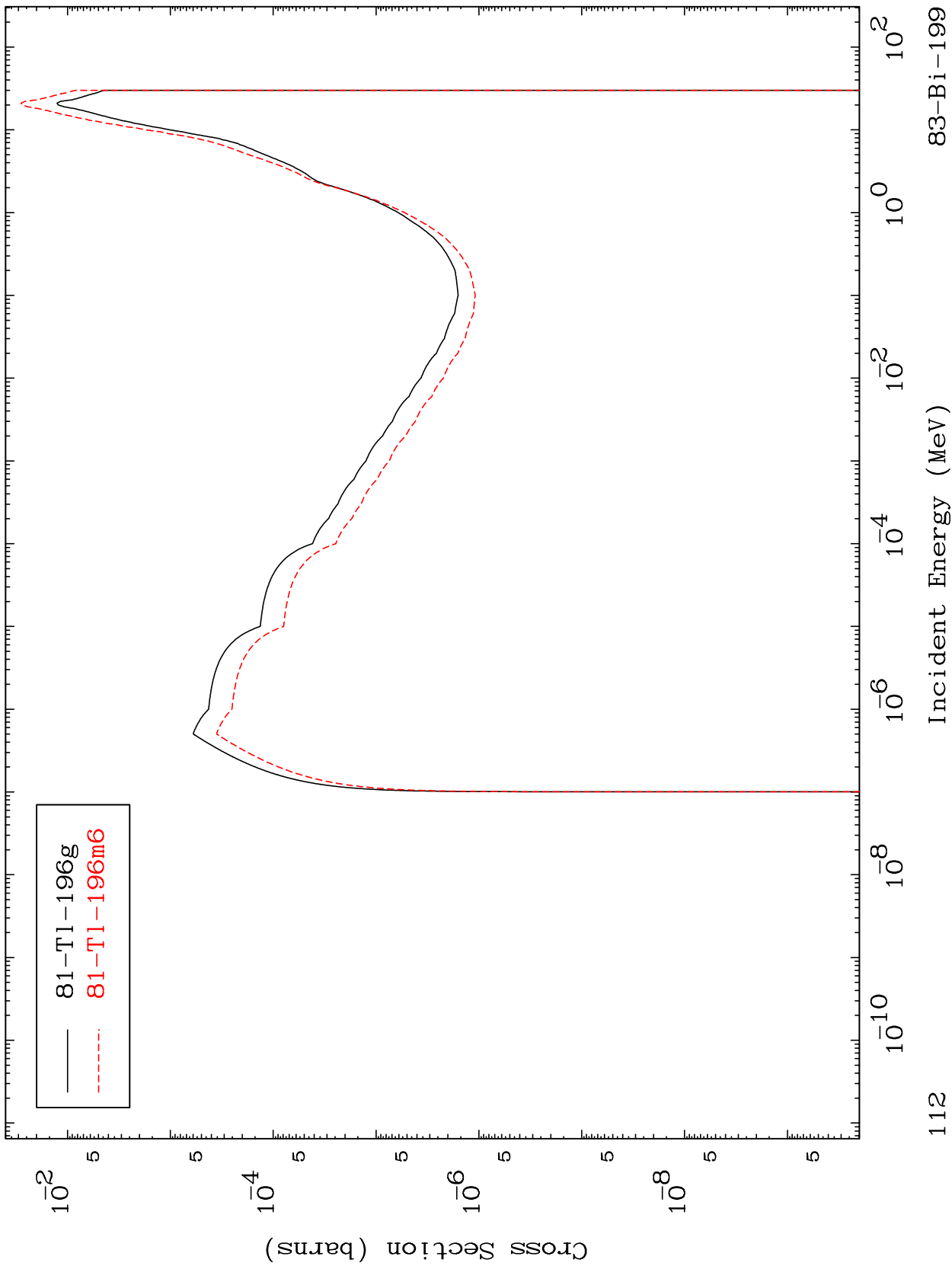




MAT 8295

83-Bi-199

Radionuclide Production Cross Section  
(n,  $\alpha$ )

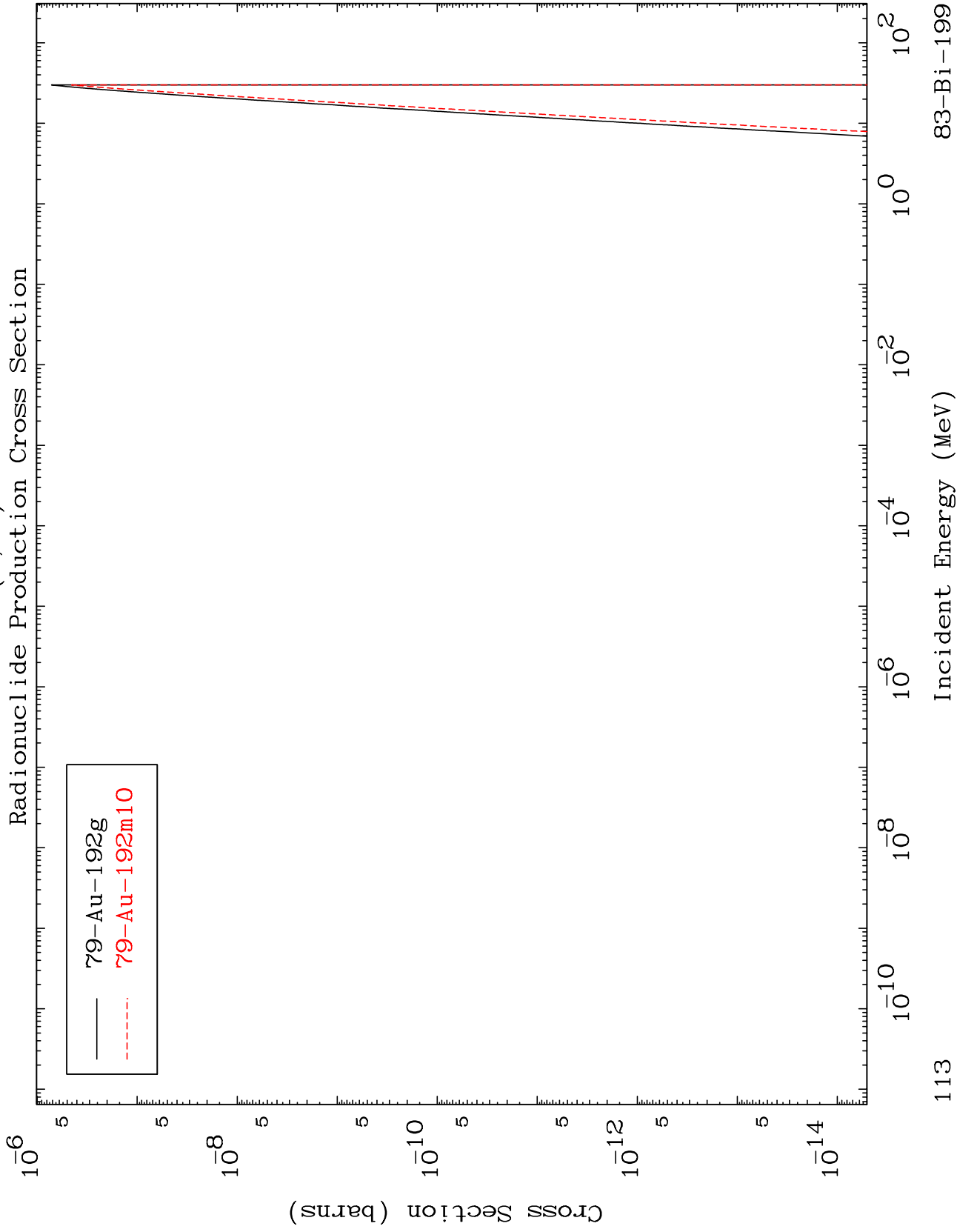


MAT 8295

(n,2α)

83-Bi-199

Radionuclide Production Cross Section



113

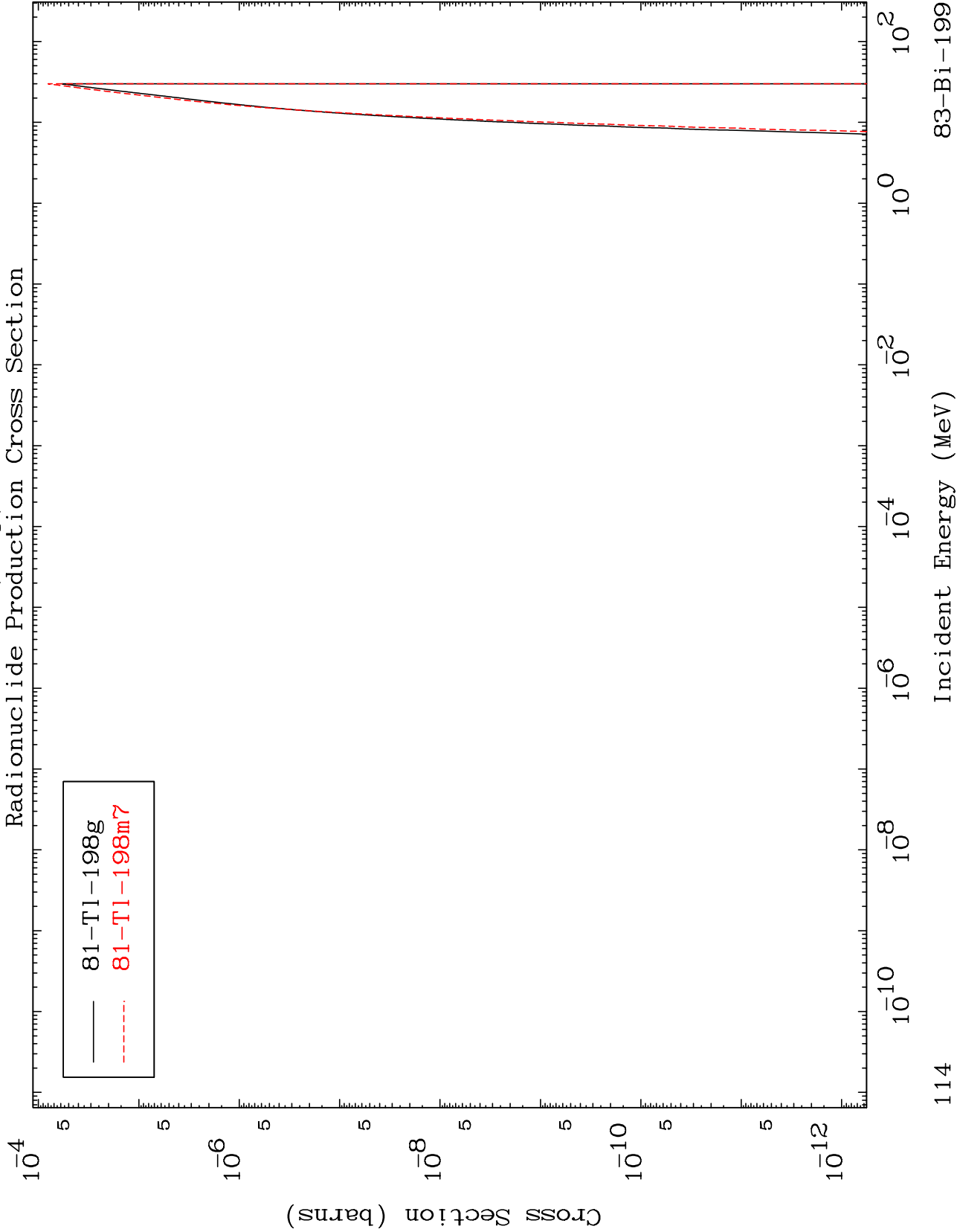
Incident Energy (MeV)

83-Bi-199

MAT 8295

(n,2p)

83-Bi-199

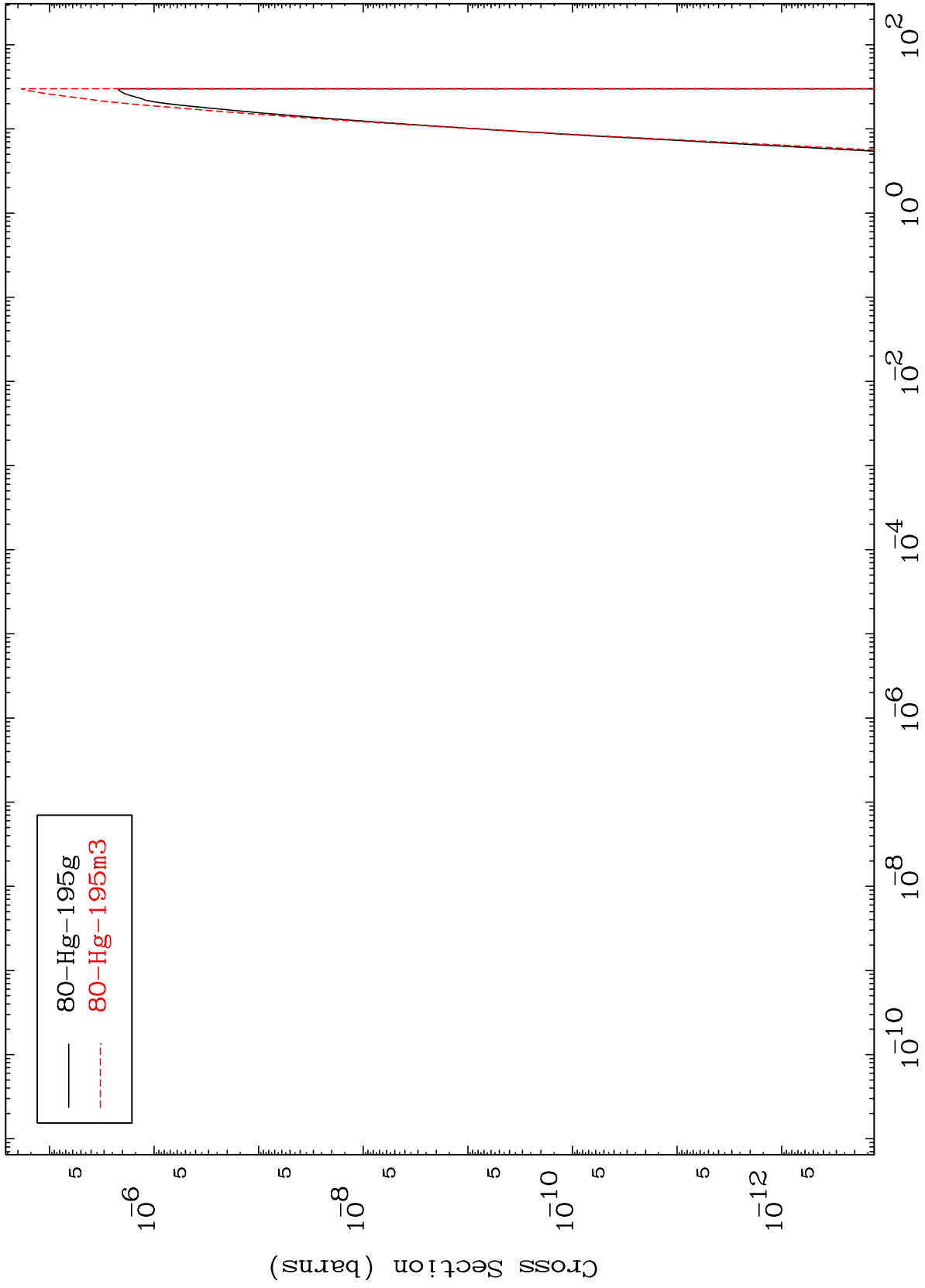


MAT 8295

(n,p)  $\alpha$

83-Bi-199

Radionuclide Production Cross Section

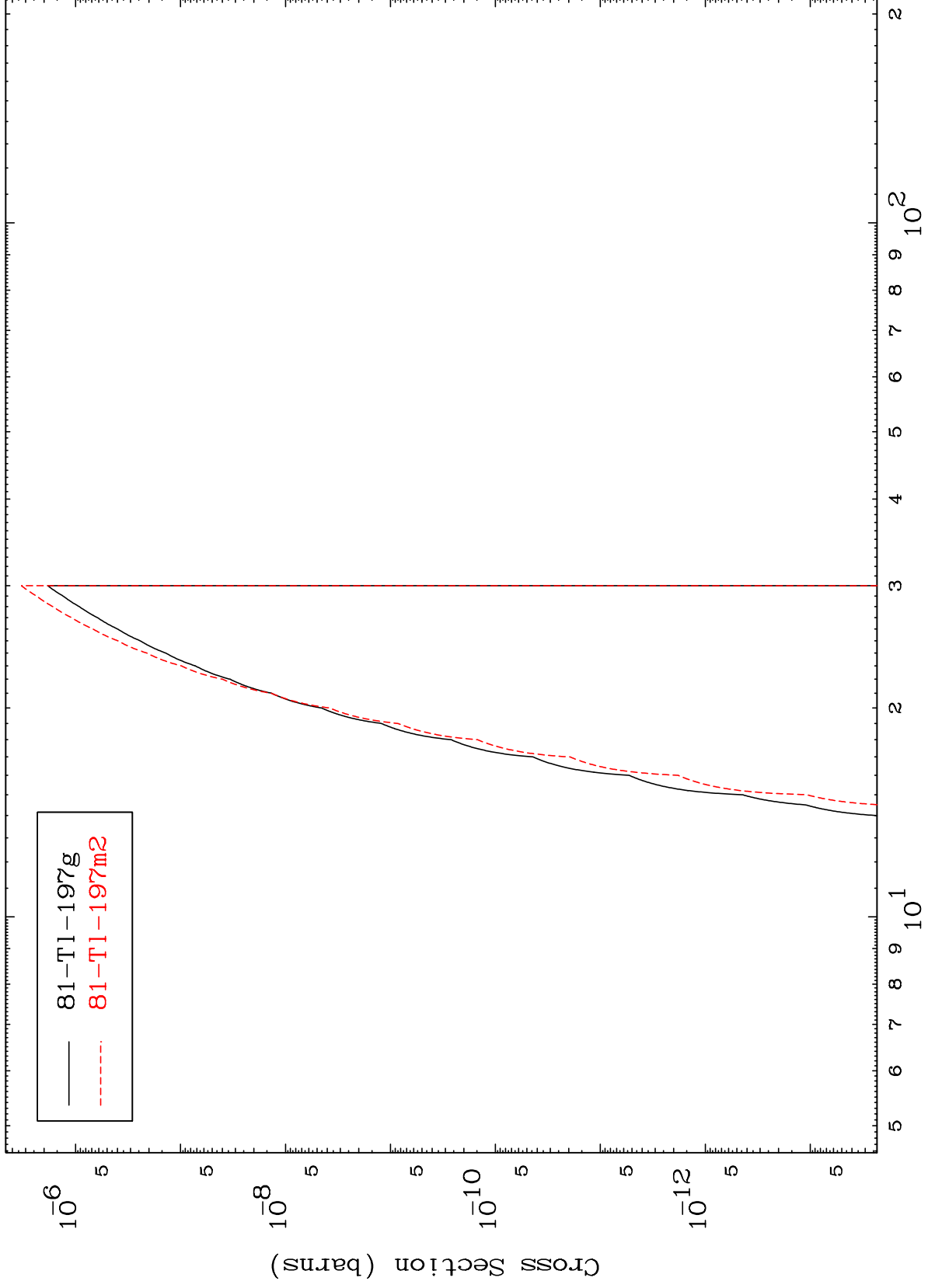


115

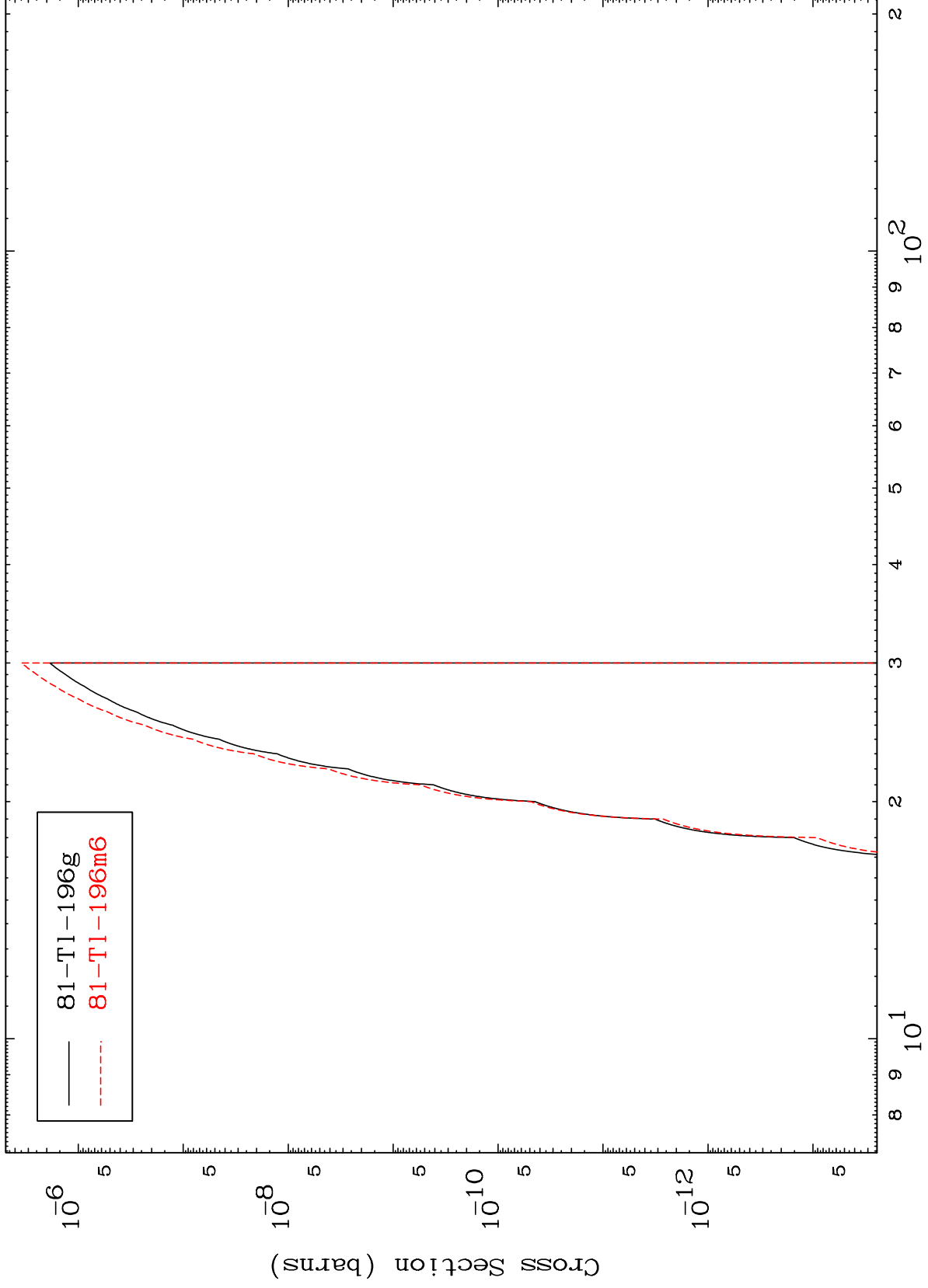
Incident Energy (MeV)

83-Bi-199

Radionuclide Production Cross Section



Radionuclide Production Cross Section



81-Tl-196g  
81-Tl-196m6