

Program EVALPLOT
(Version 2017-1)

by

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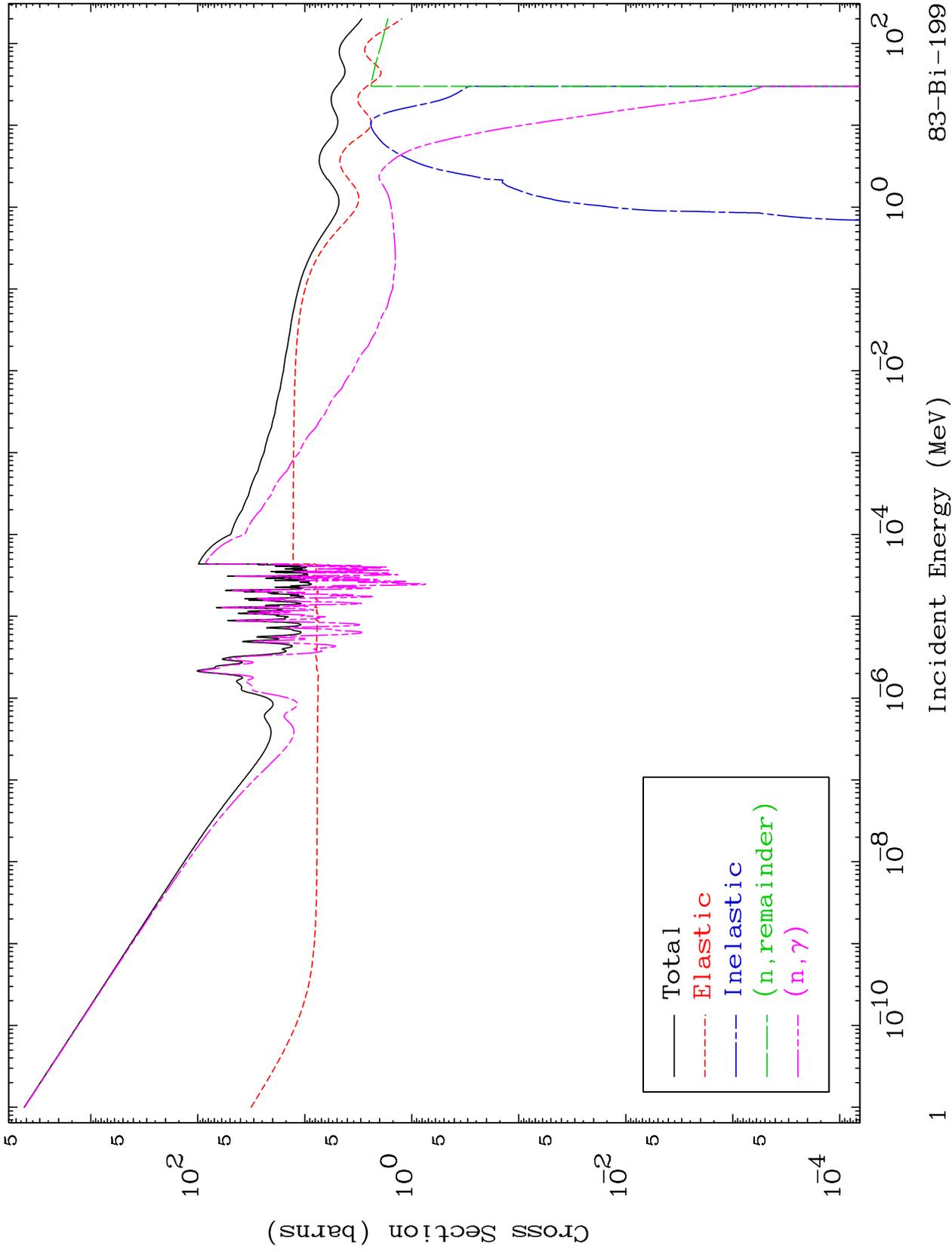
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MAT 8295

Major

293 Kelvin Cross Sections

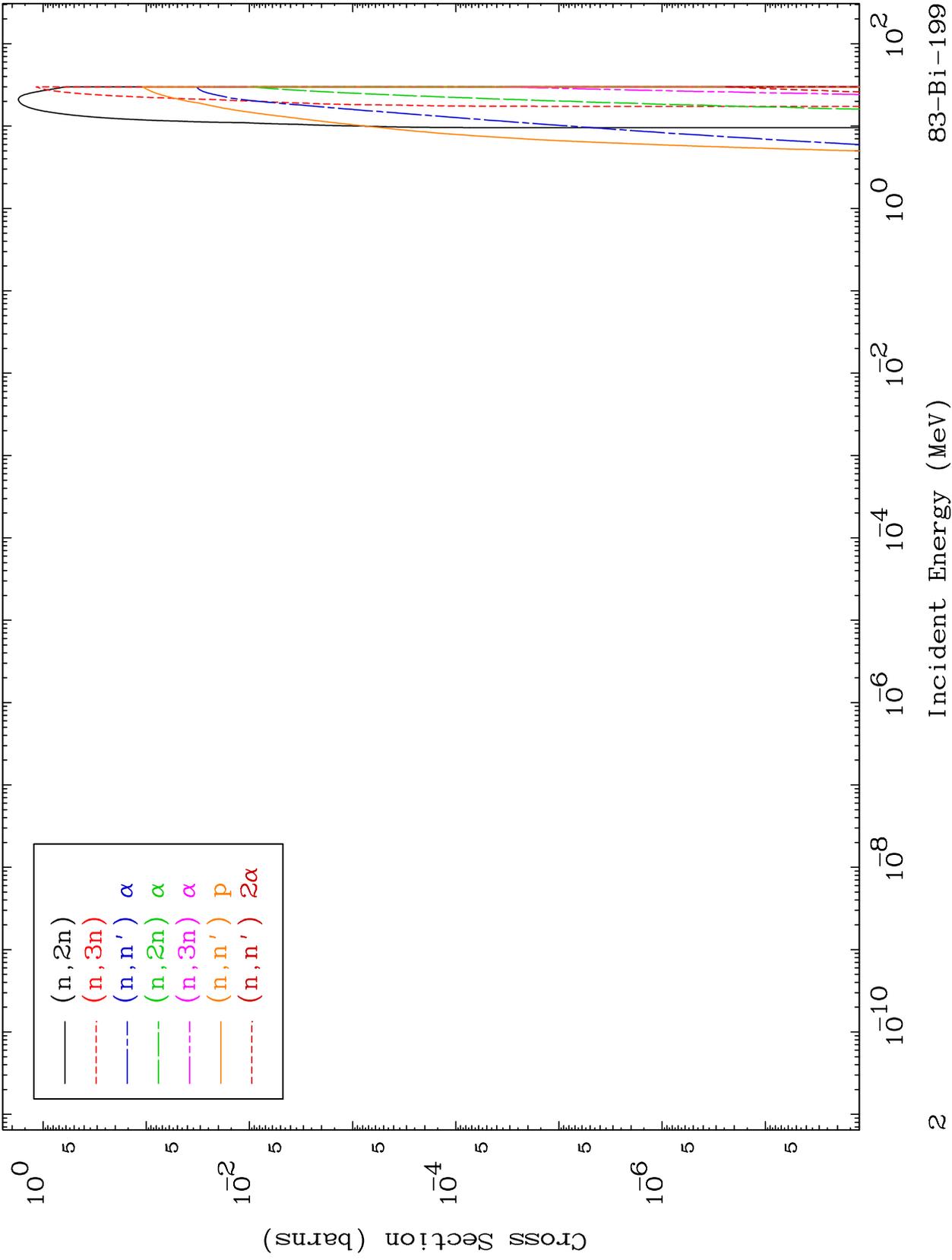
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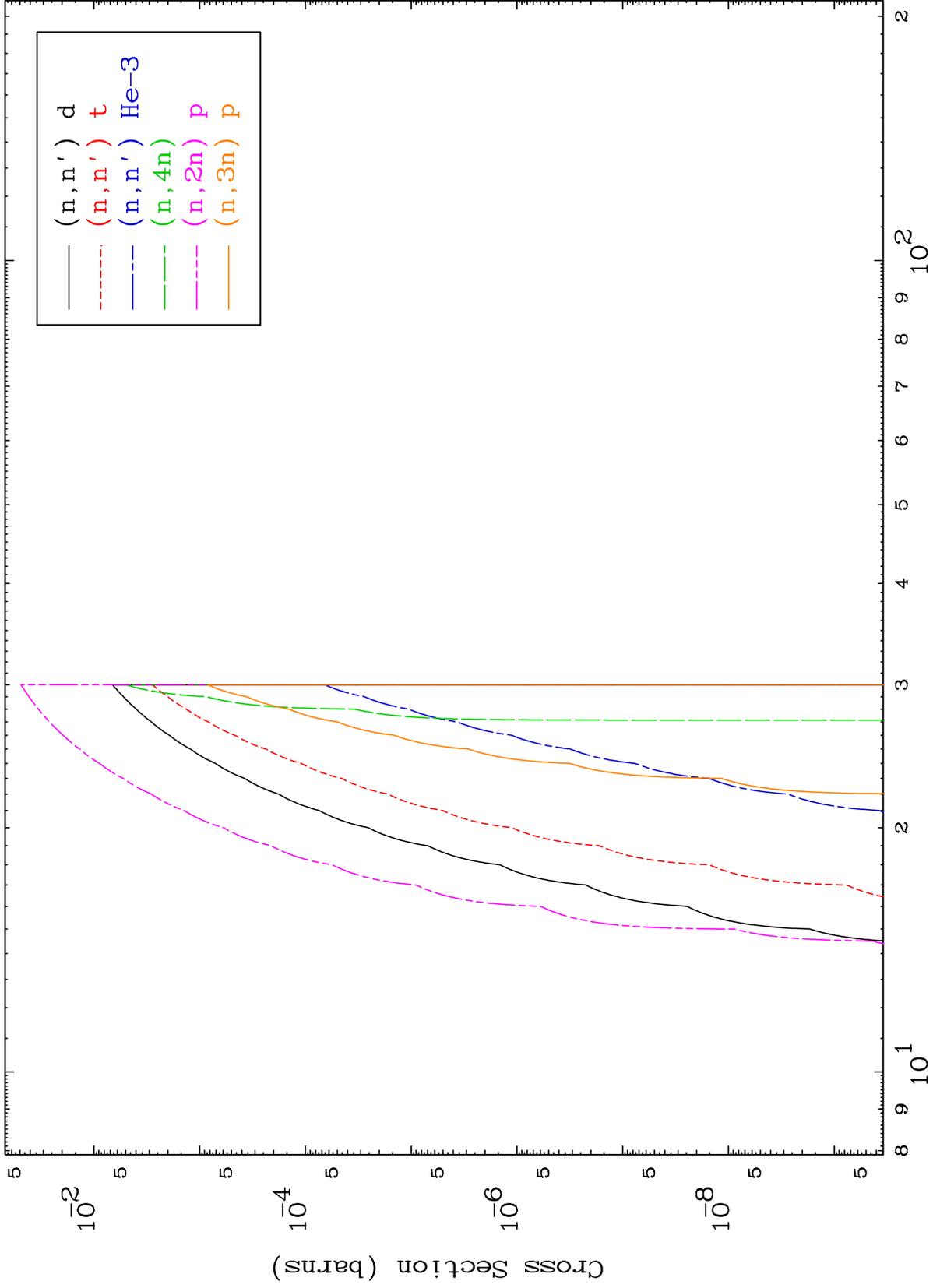


MAT 8295

Neutron Production
293 Kelvin Cross Sections

83-Bi-199

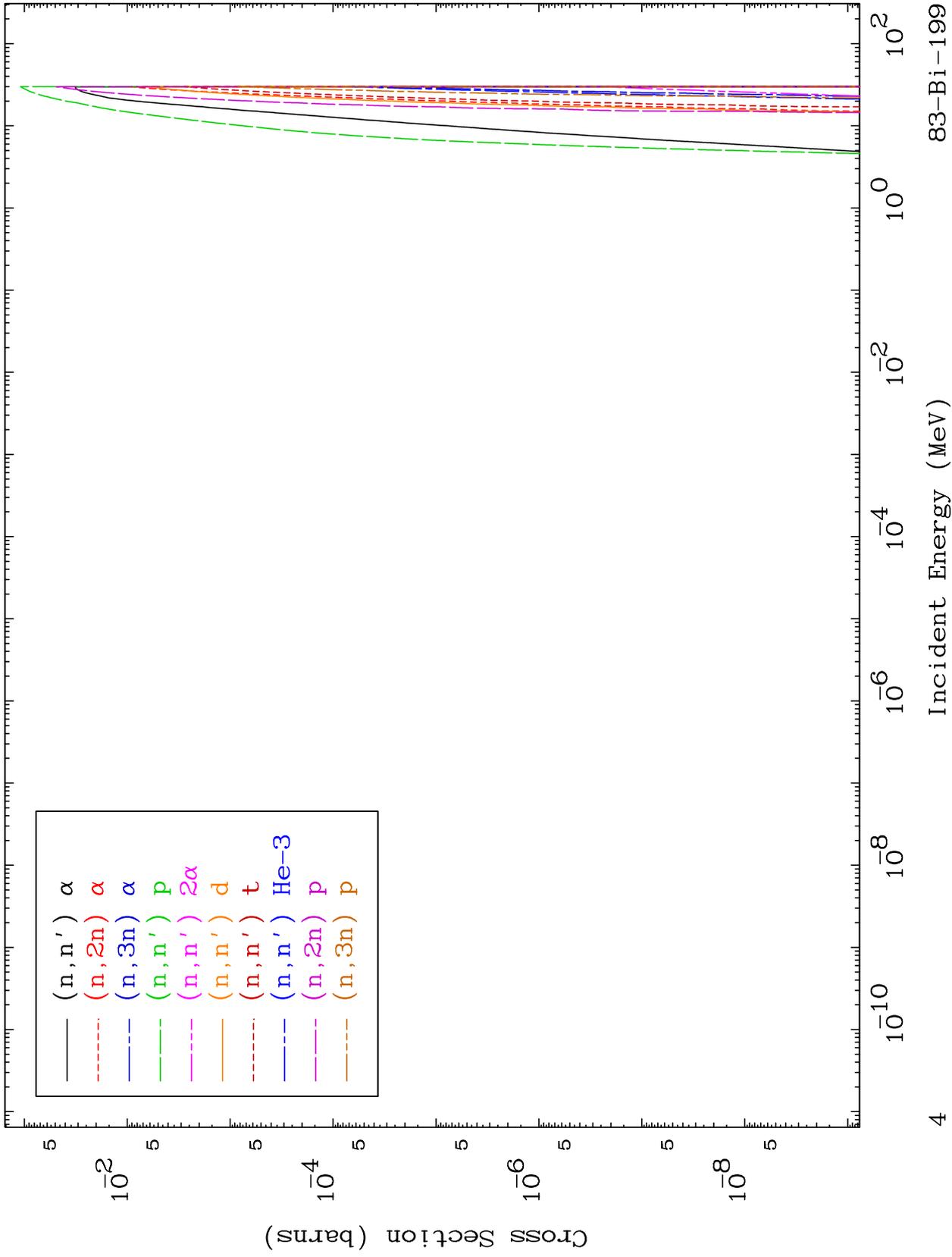




MAT 8295

Charged Particle
293 Kelvin Cross Sections

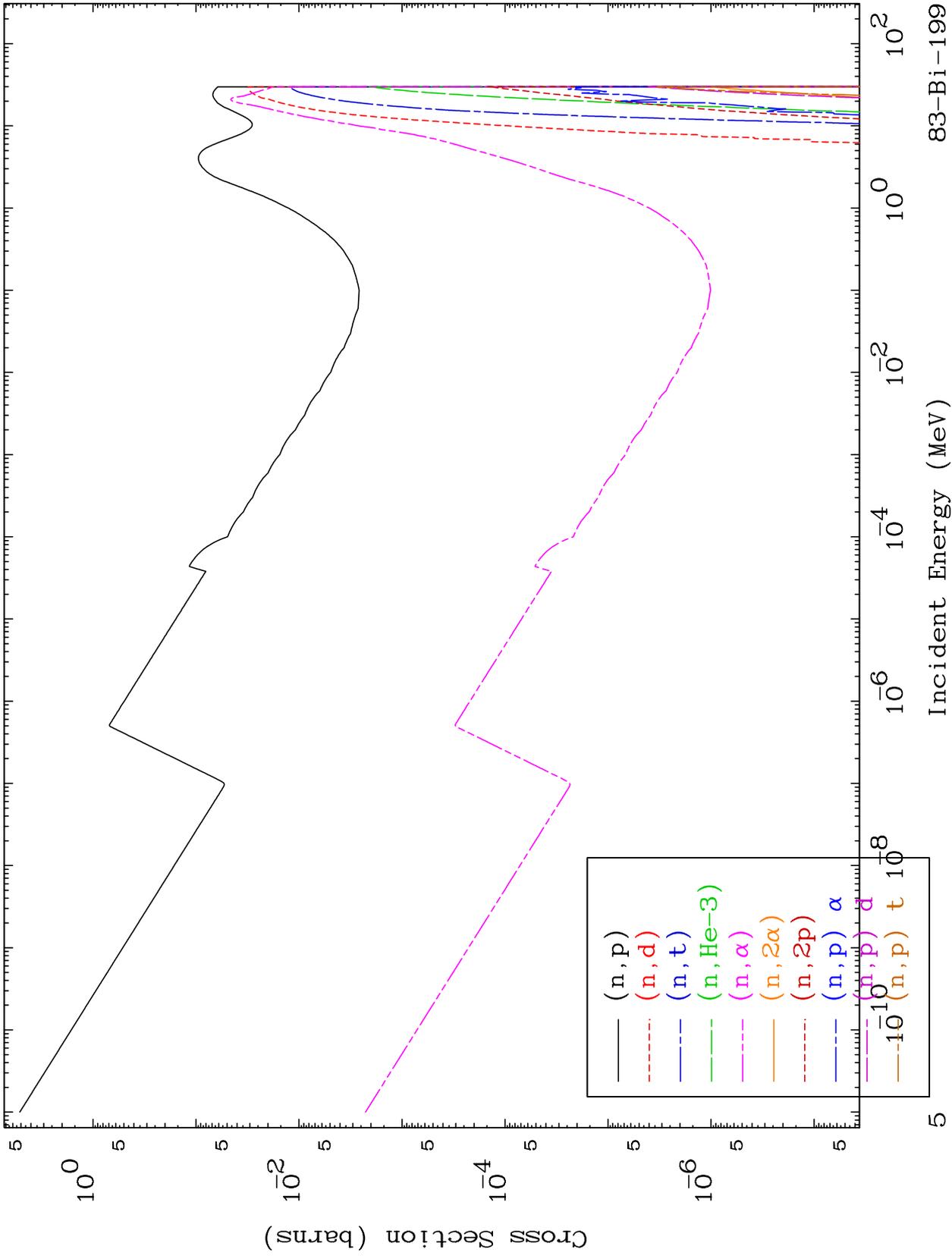
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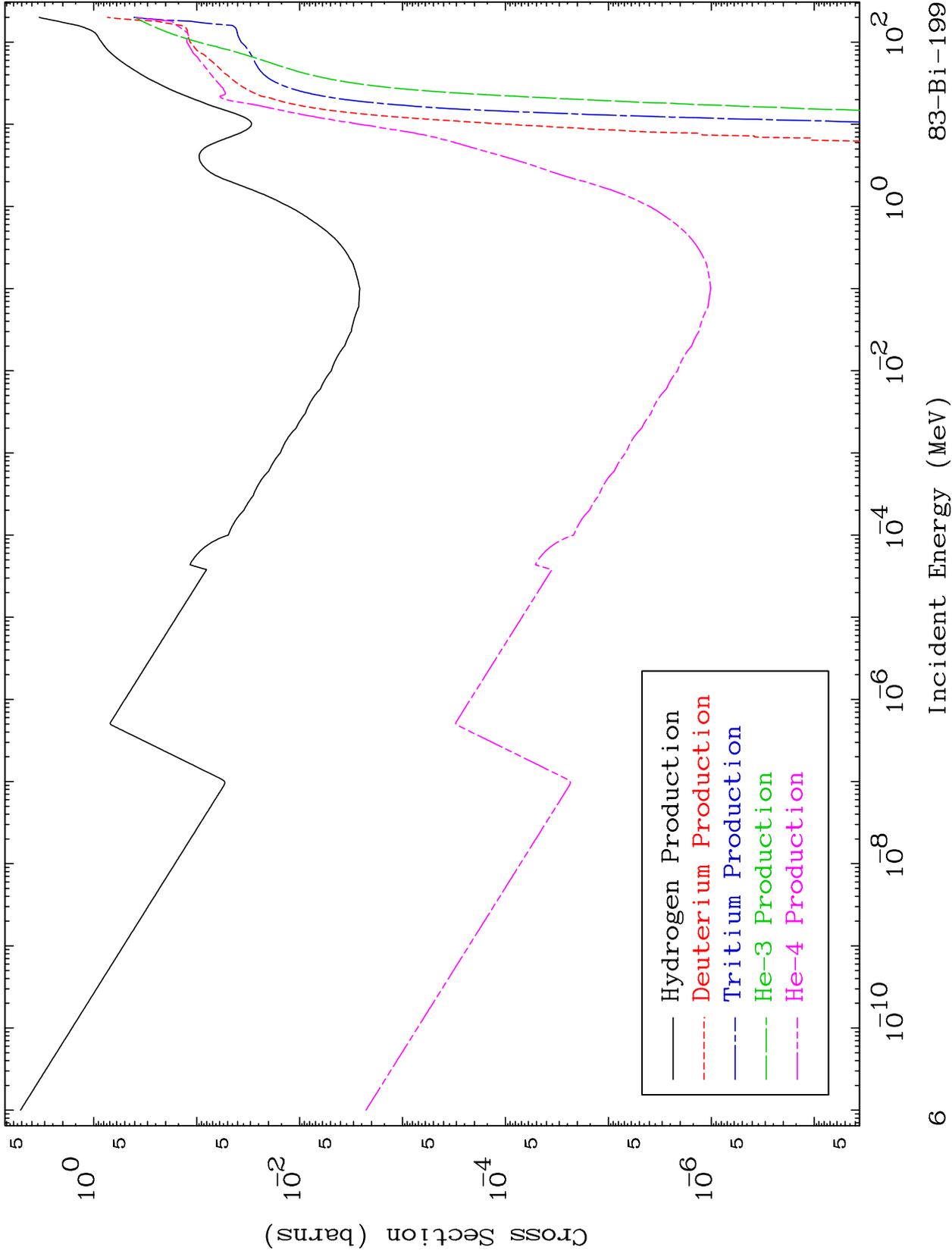


MAT 8295

Charged Particle
293 Kelvin Cross Sections

83-Bi-199



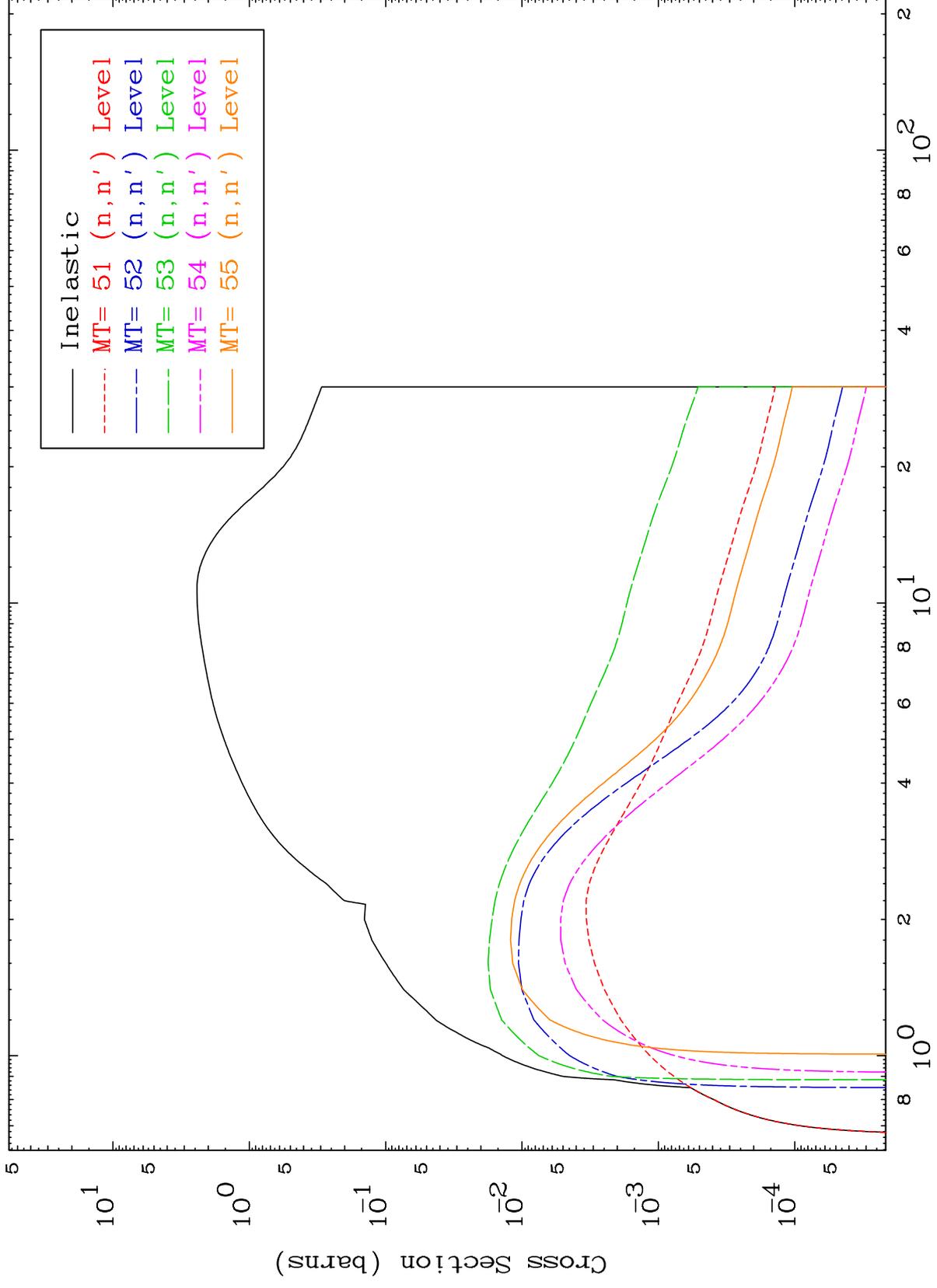


MAT 8295

(n,n') Level

83-Bi-199

293 Kelvin Cross Sections

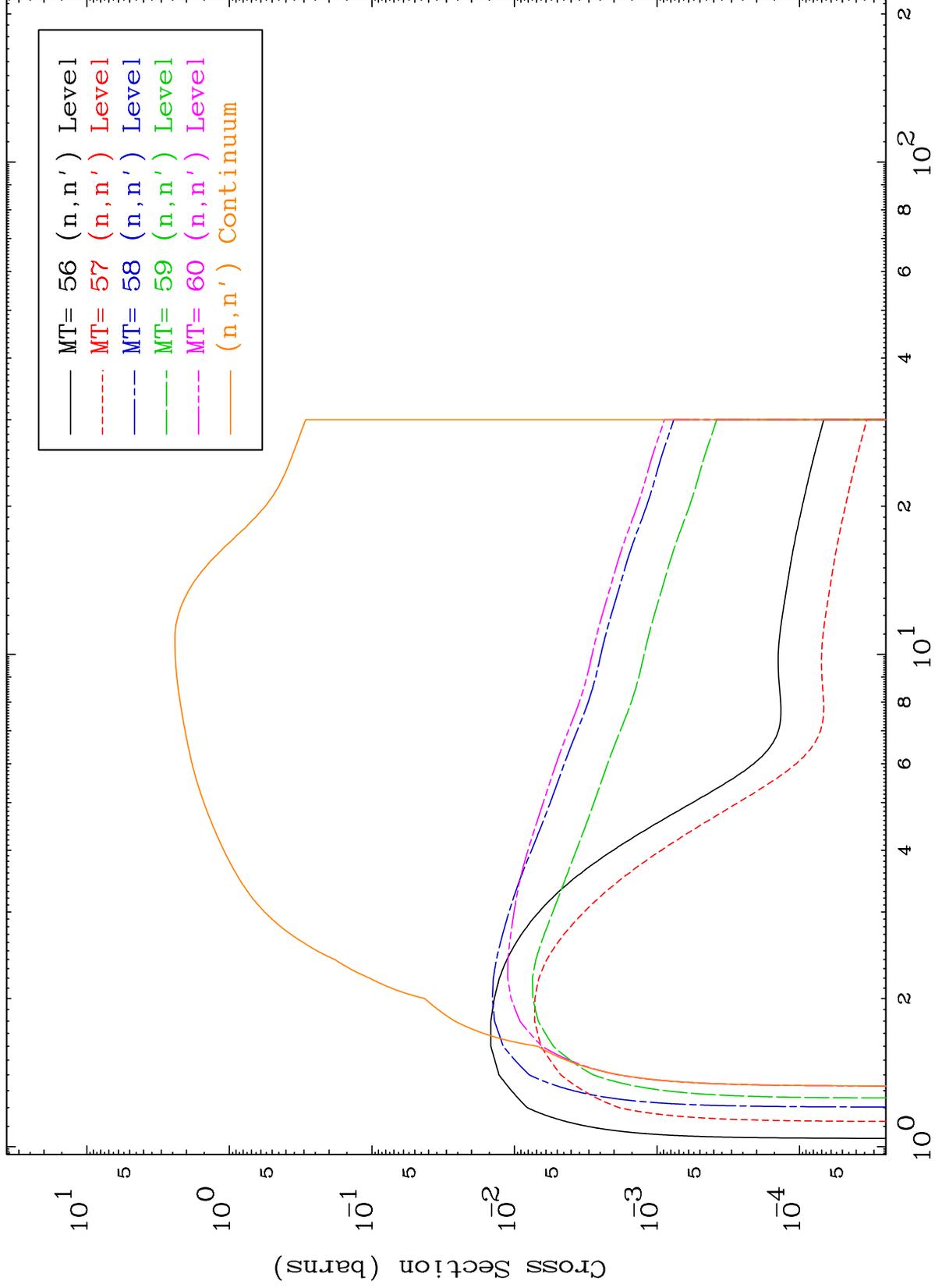


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Incident Energy (MeV)

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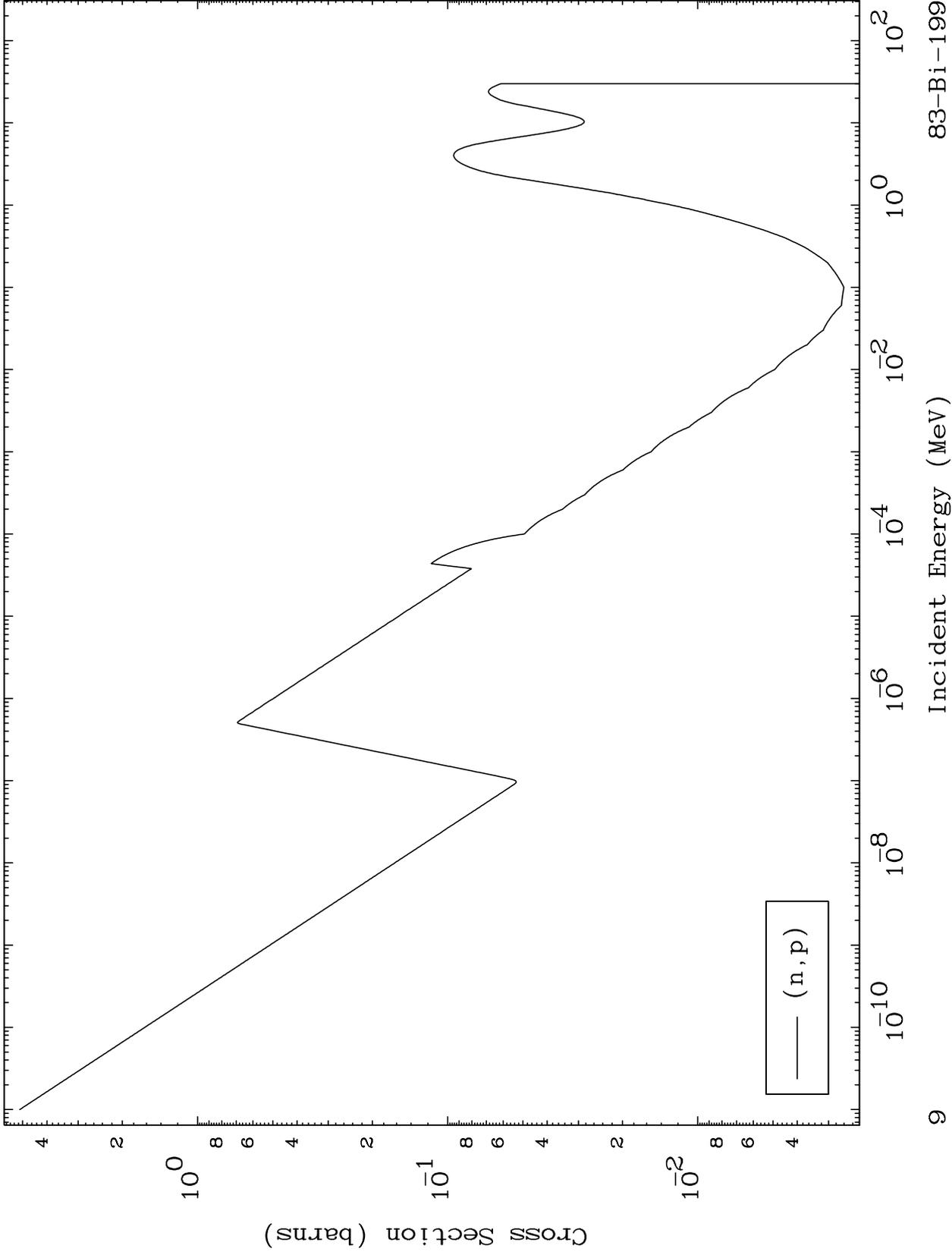
293 Kelvin Cross Sections



MAT 8295

(n,p) Levels
293 Kelvin Cross Sections

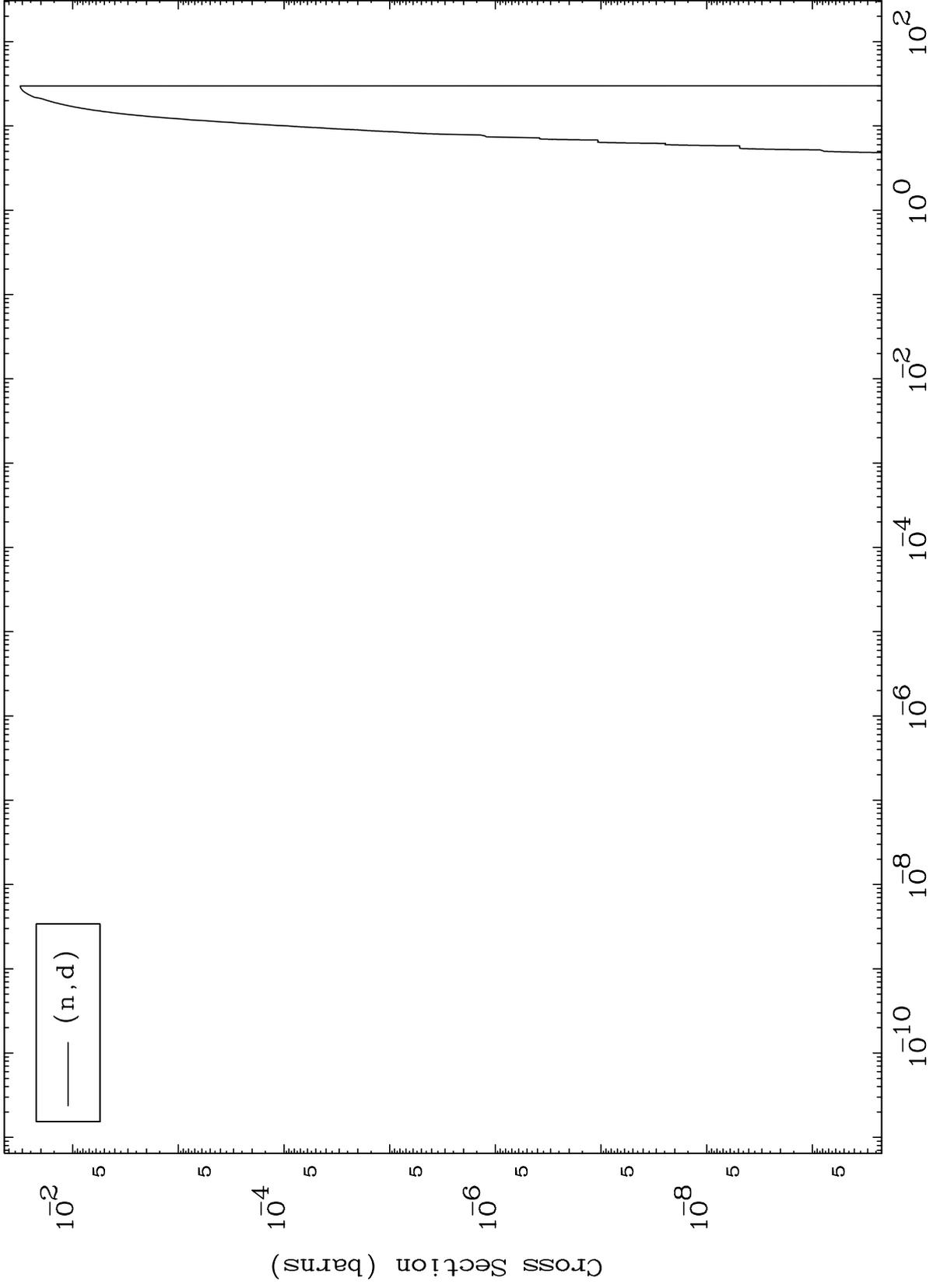
83-Bi-199



MAT 8295

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-199



10

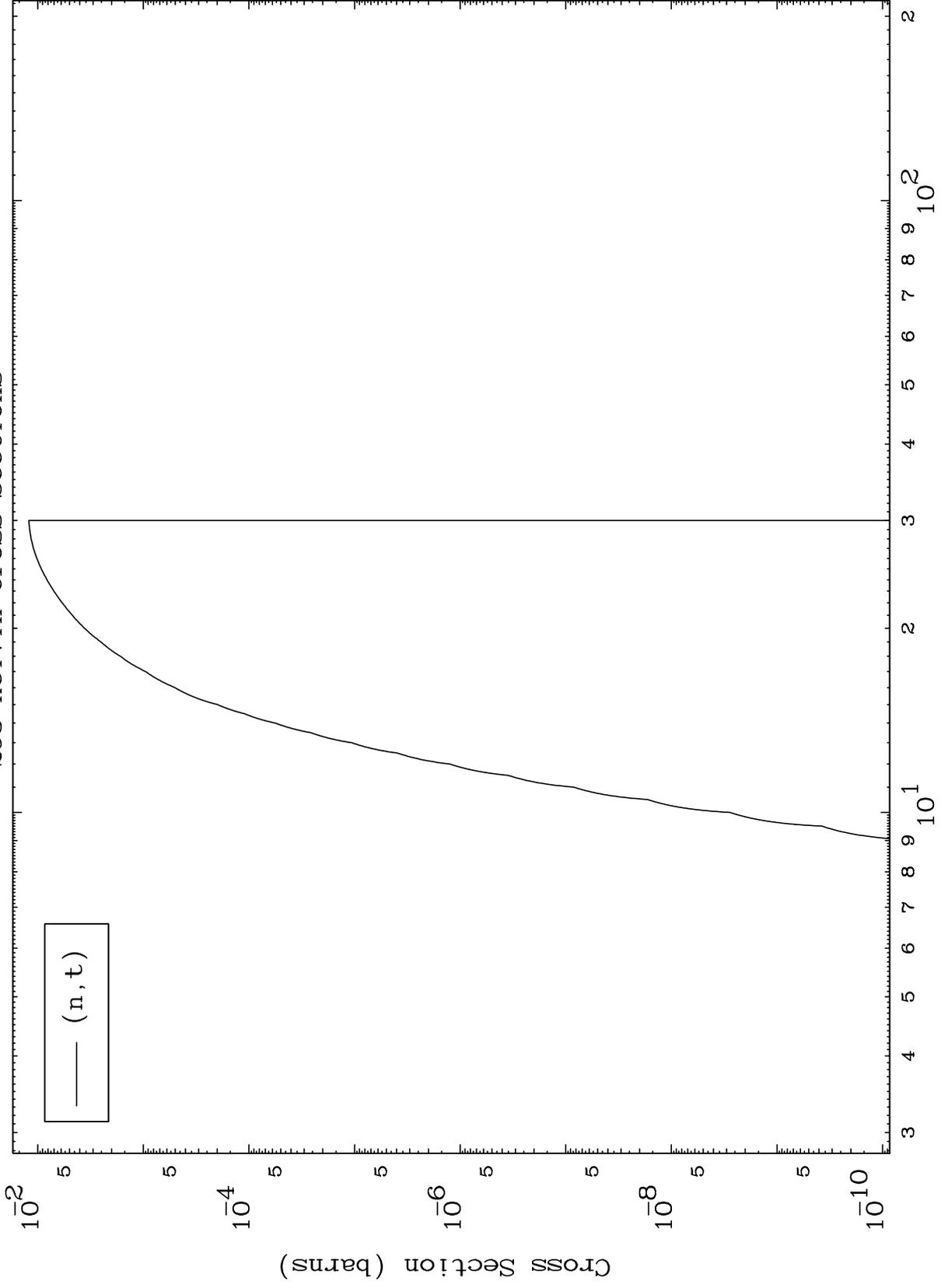
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83-Bi-199

MAT 8295

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-199



11

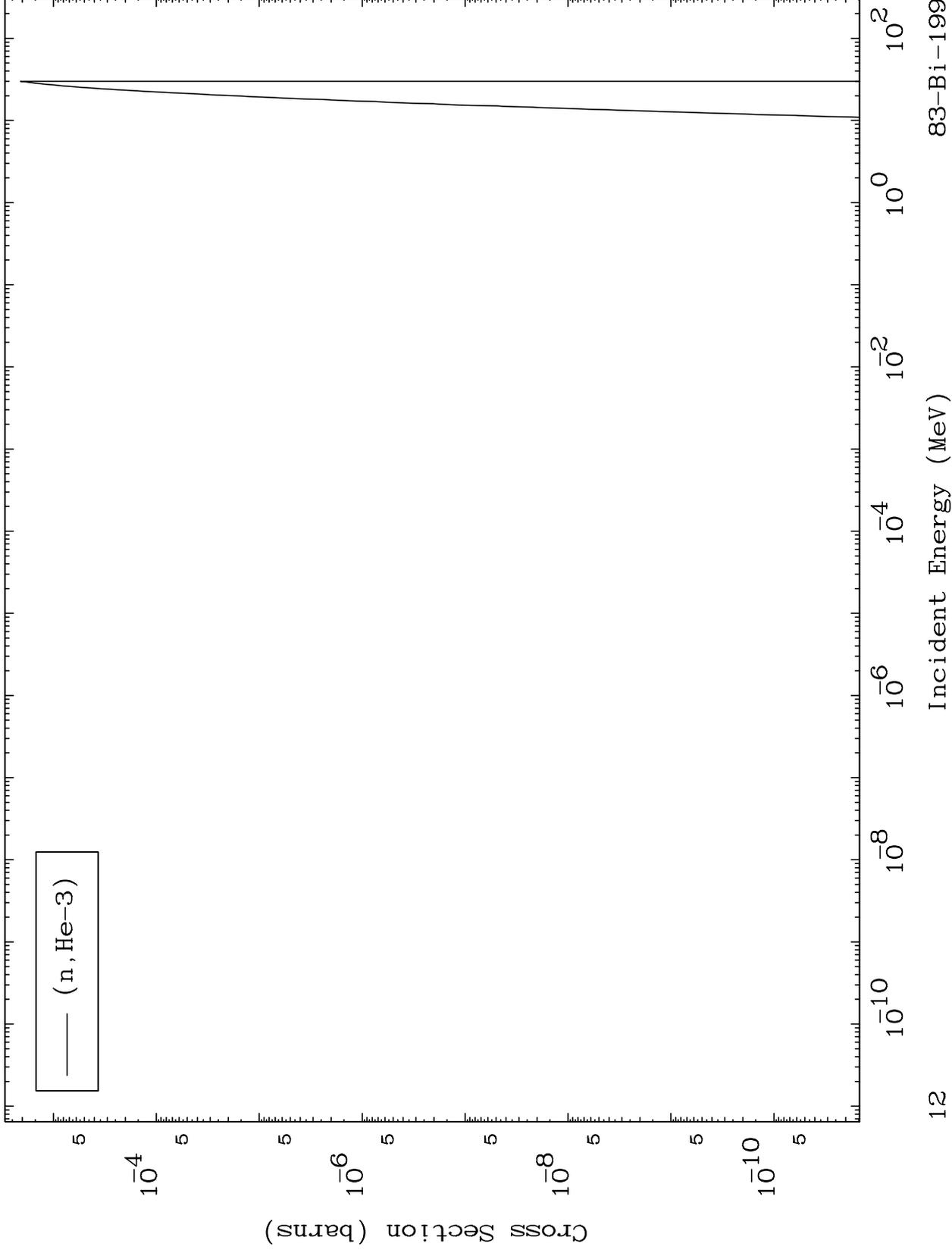
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83-Bi-199

MAT 8295

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-199



12

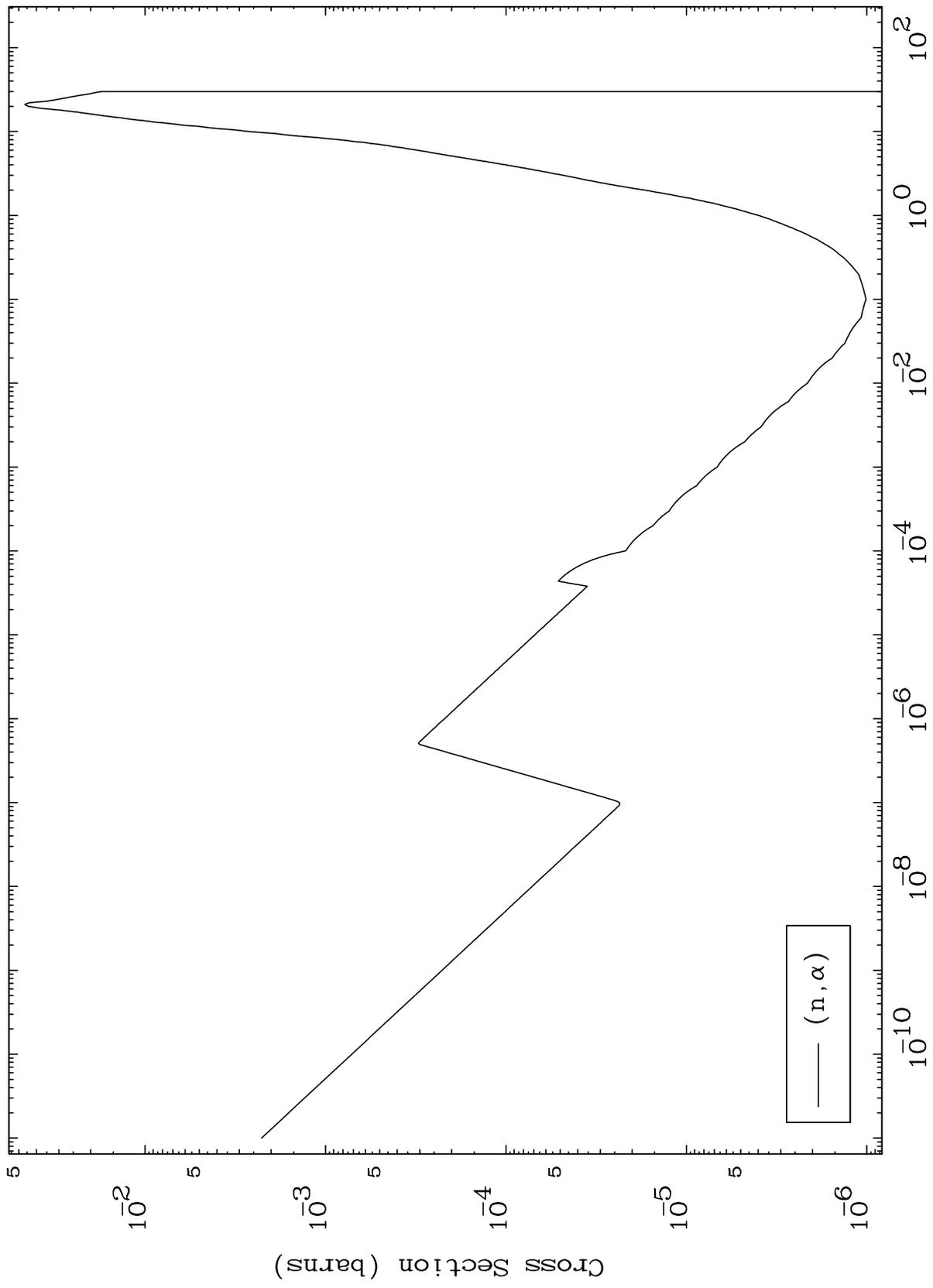
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MAT 8295

(n,α) Levels
293 Kelvin Cross Sections

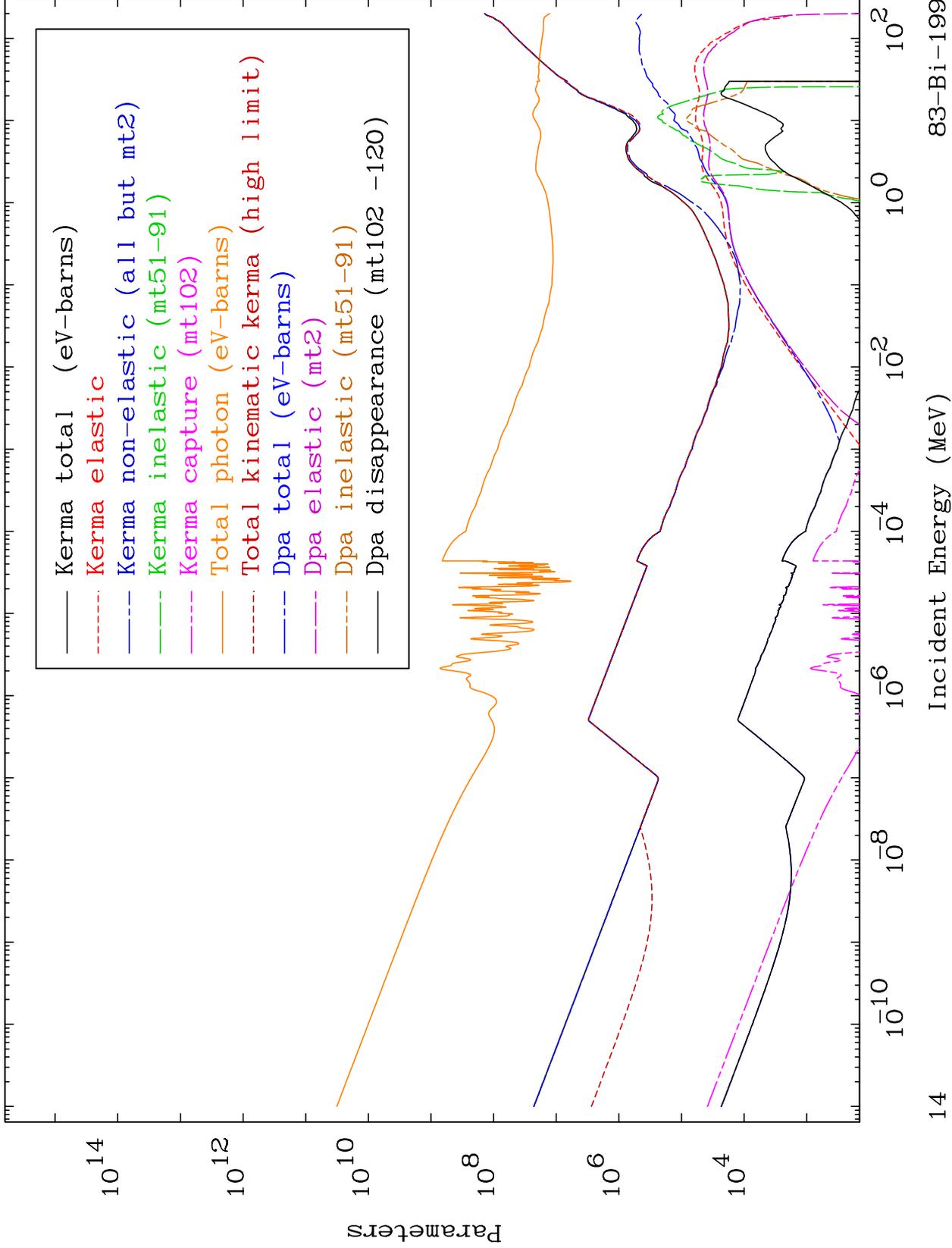
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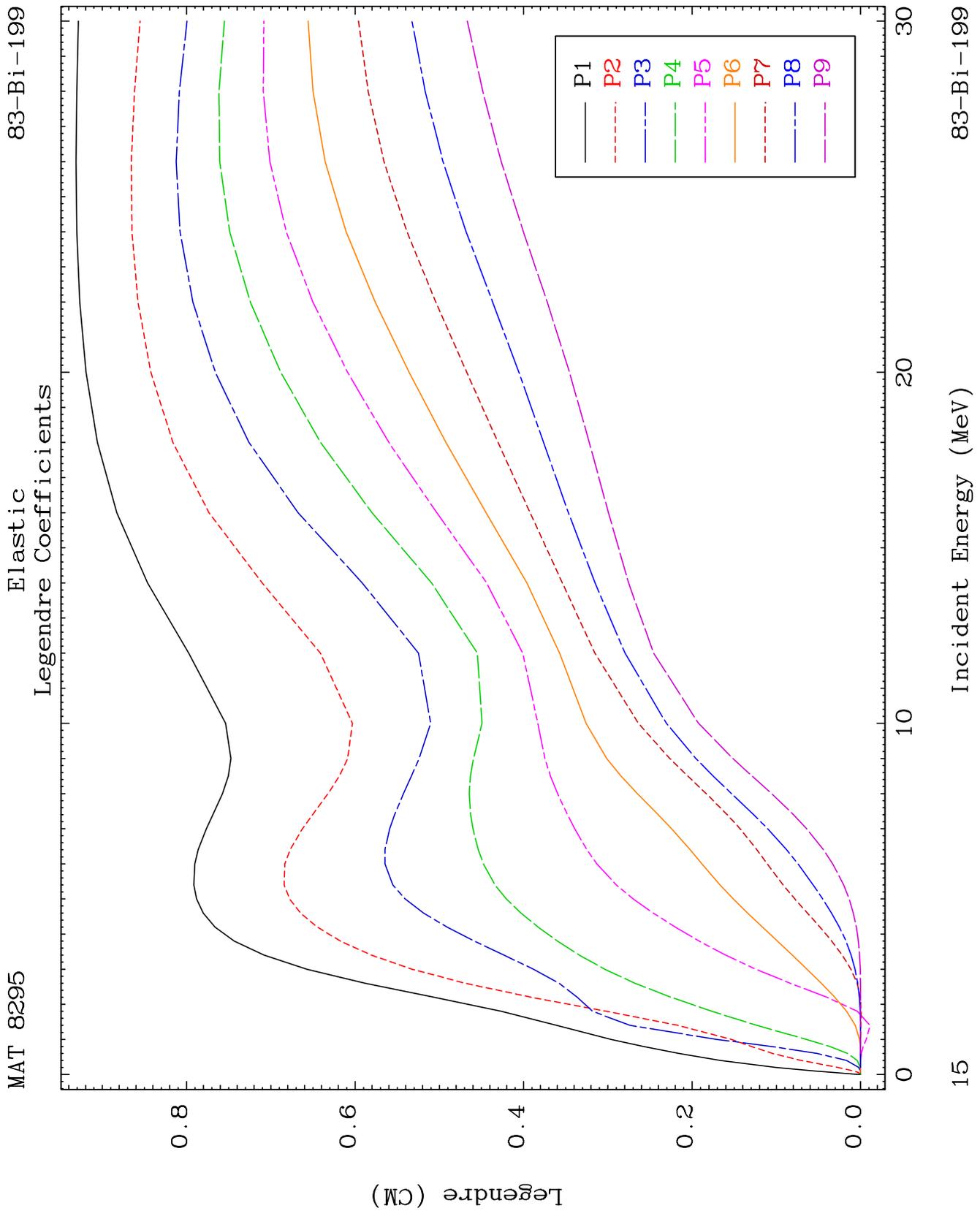


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83-Bi-199

Incident Energy (MeV)

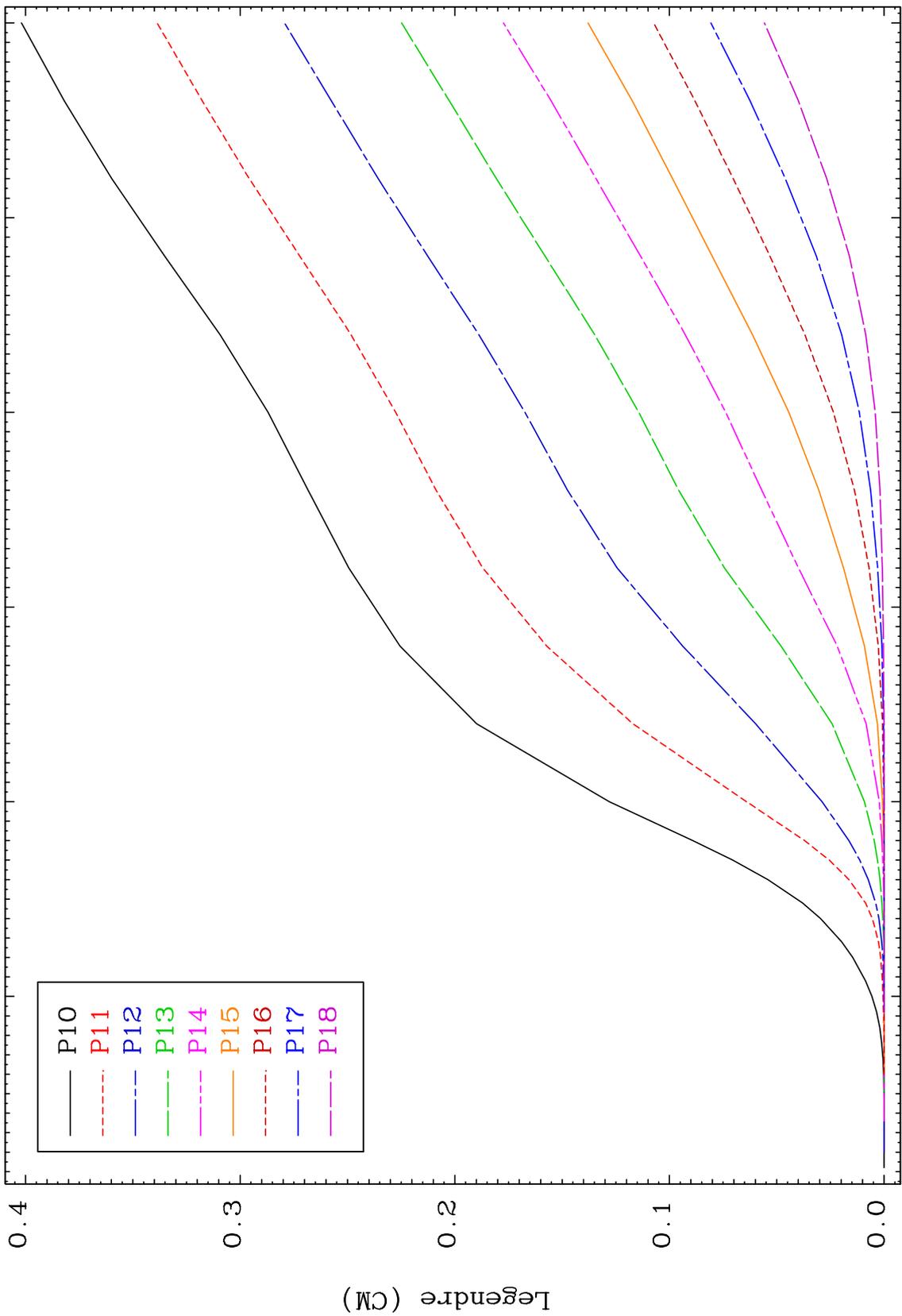




MAT 8295

Elastic Legendre Coefficients

83-Bi-199



16

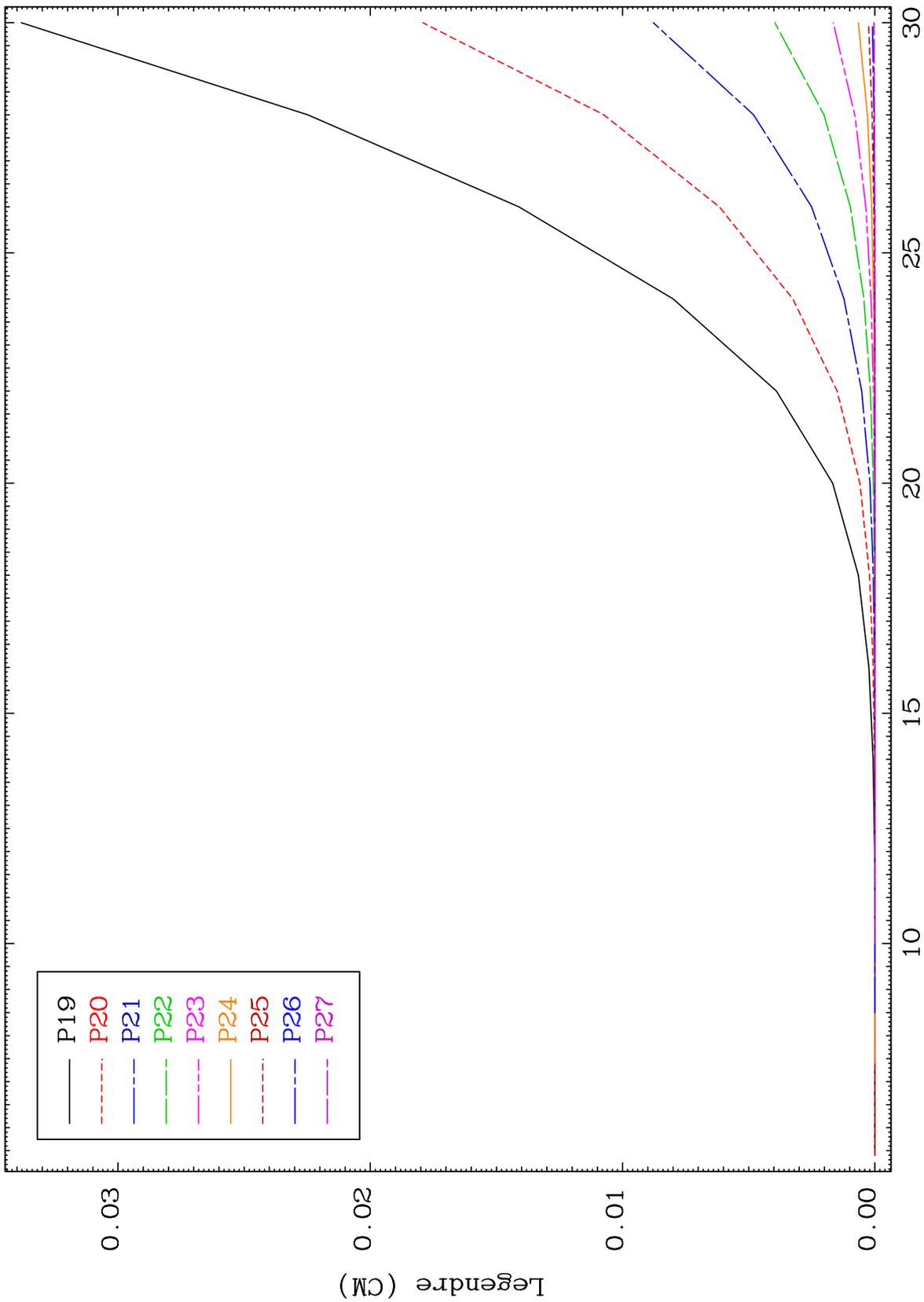
Incident Energy (MeV)

83-Bi-199

MAT 8295

Elastic Legendre Coefficients

83-Bi-199



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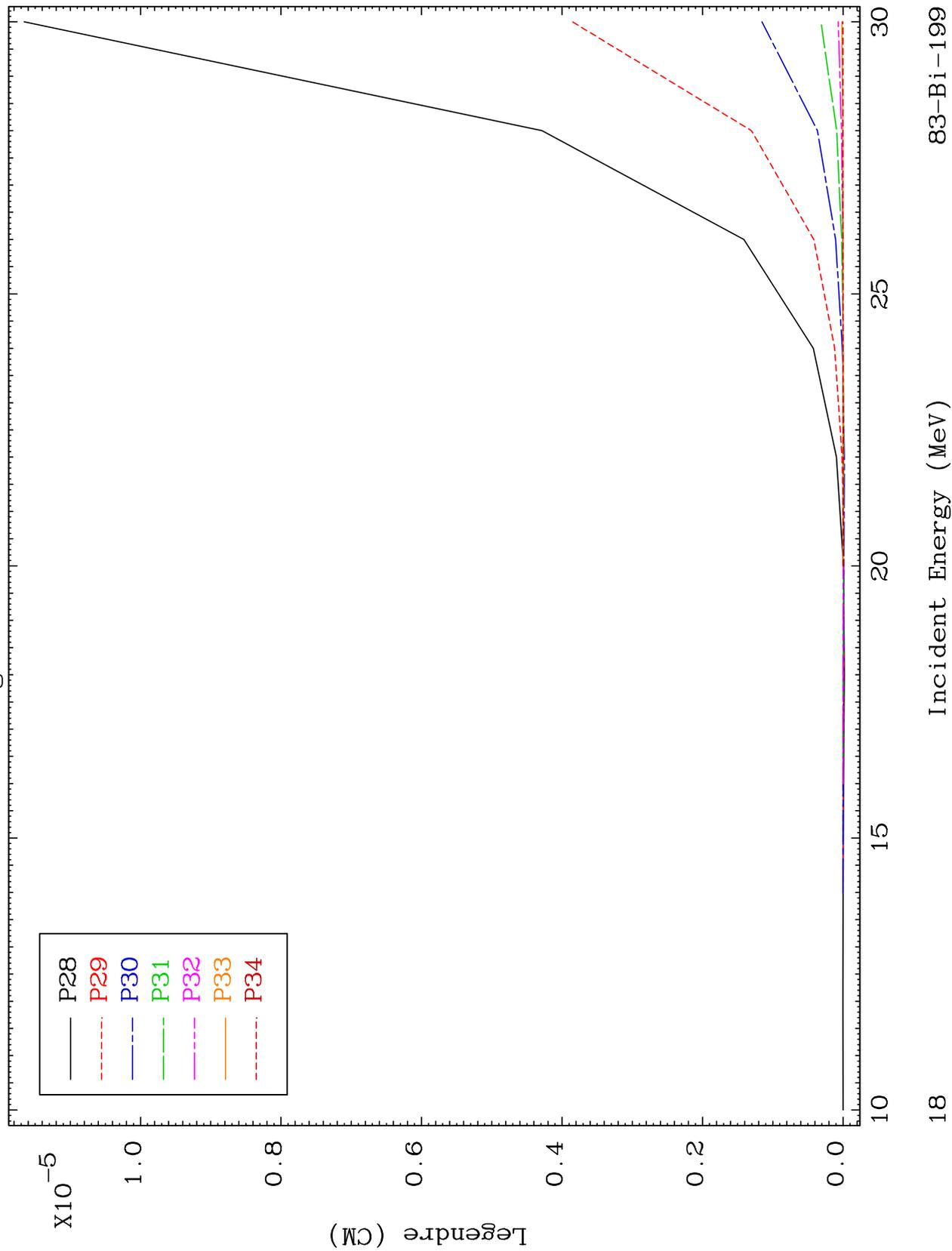
Incident Energy (MeV)

83-Bi-199

MAT 8295

Elastic Legendre Coefficients

83-Bi-199



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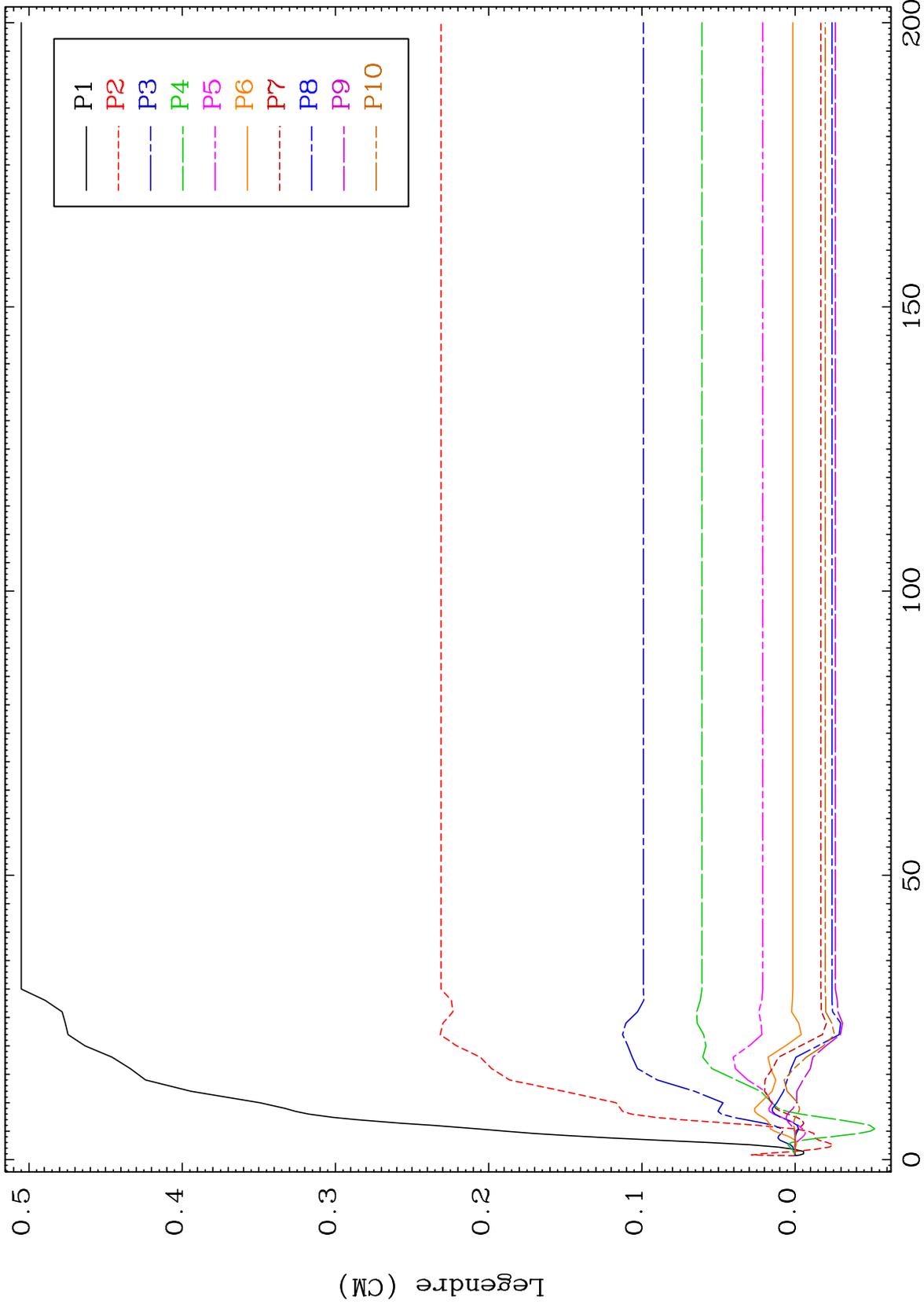
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



19

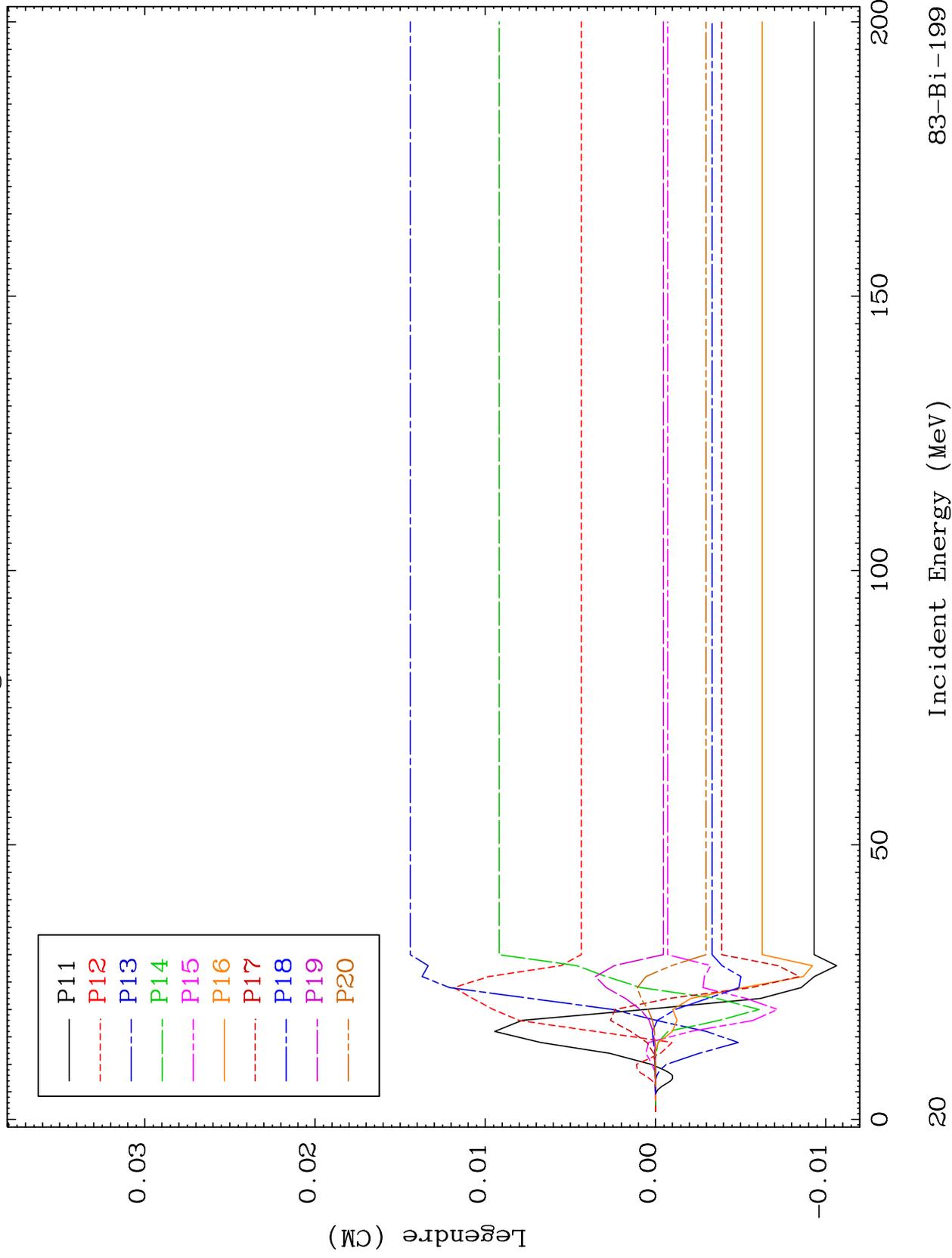
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

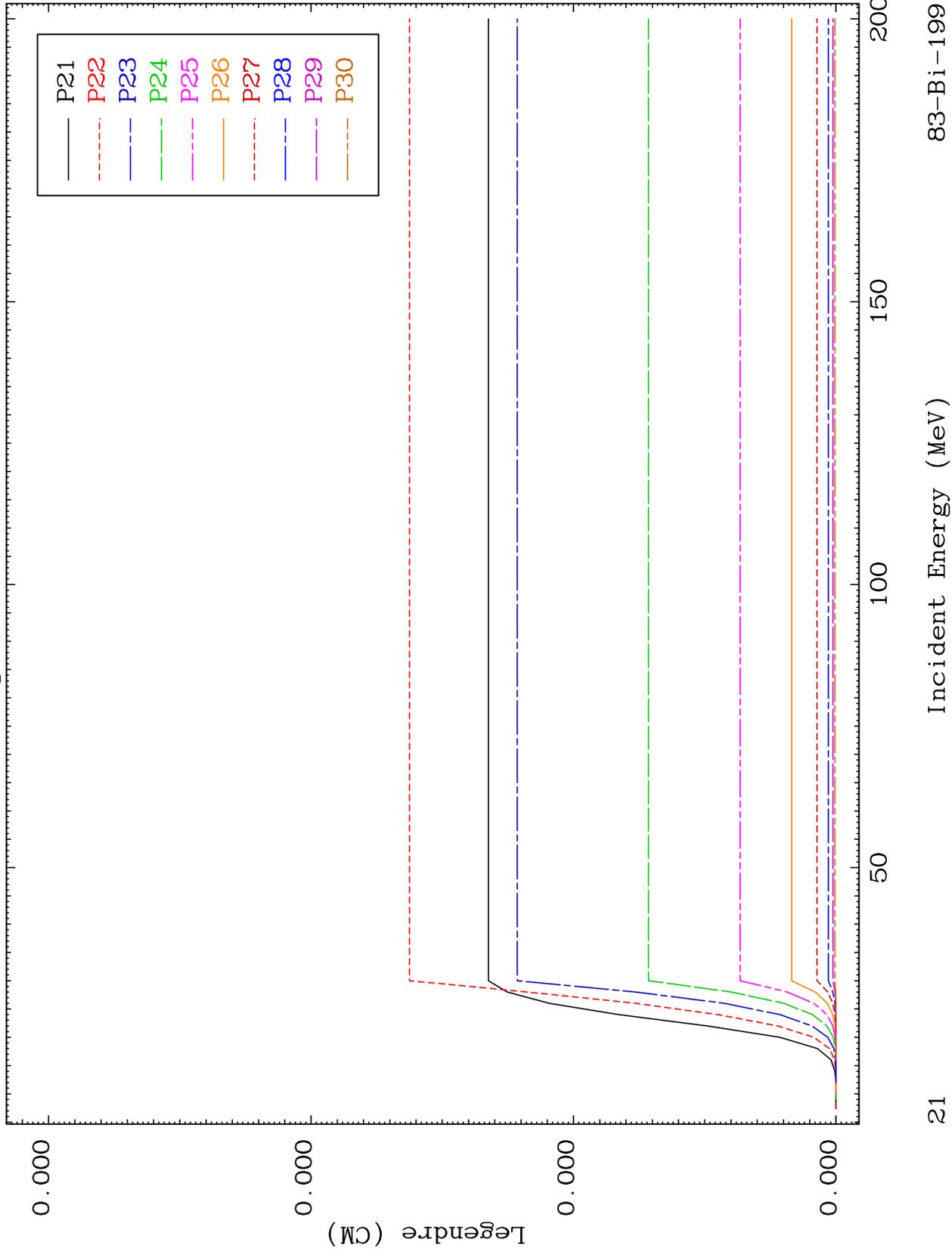
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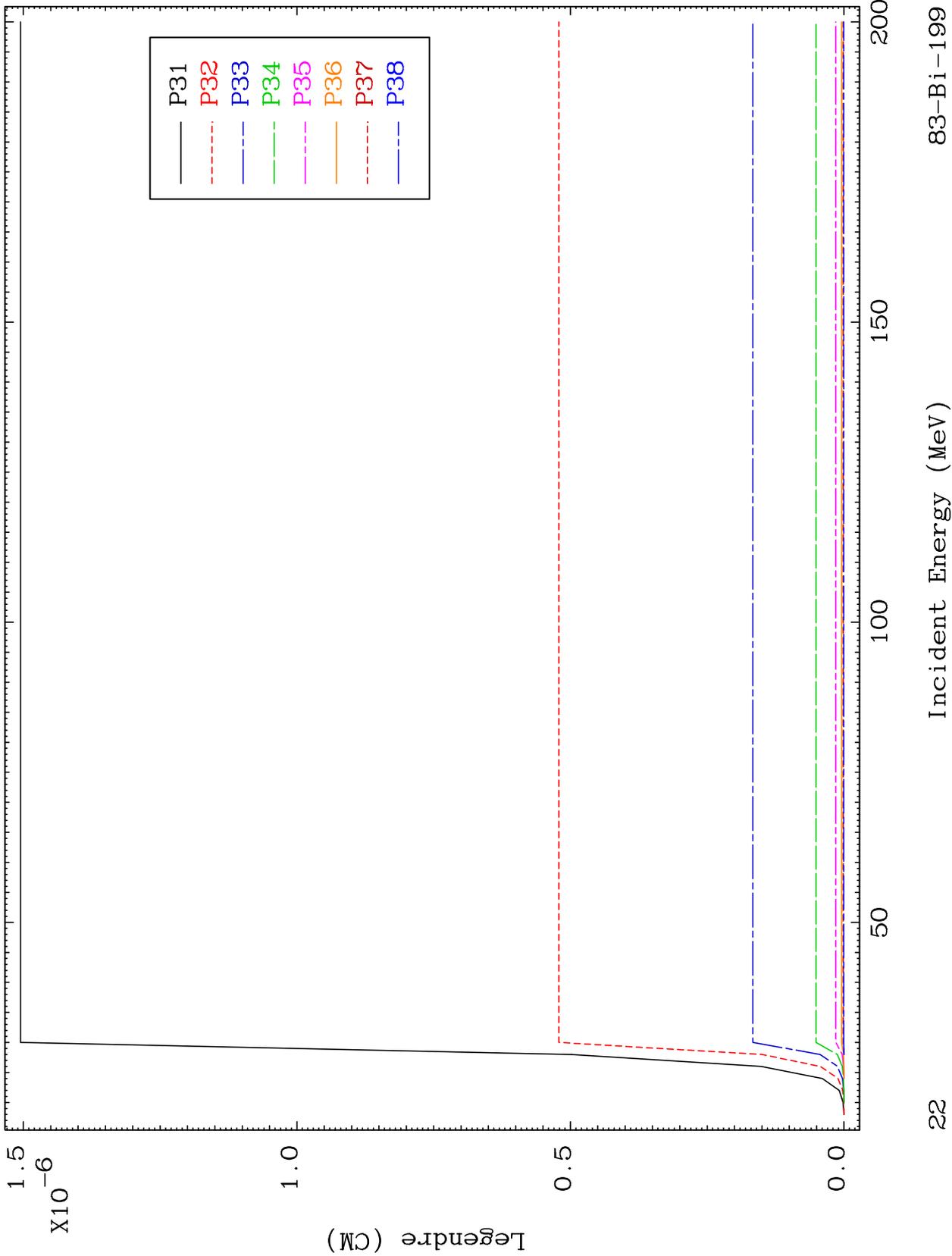
MT= 51 (n,n') Level
Legendre Coefficients

83-Bi-199



21

83-Bi-199

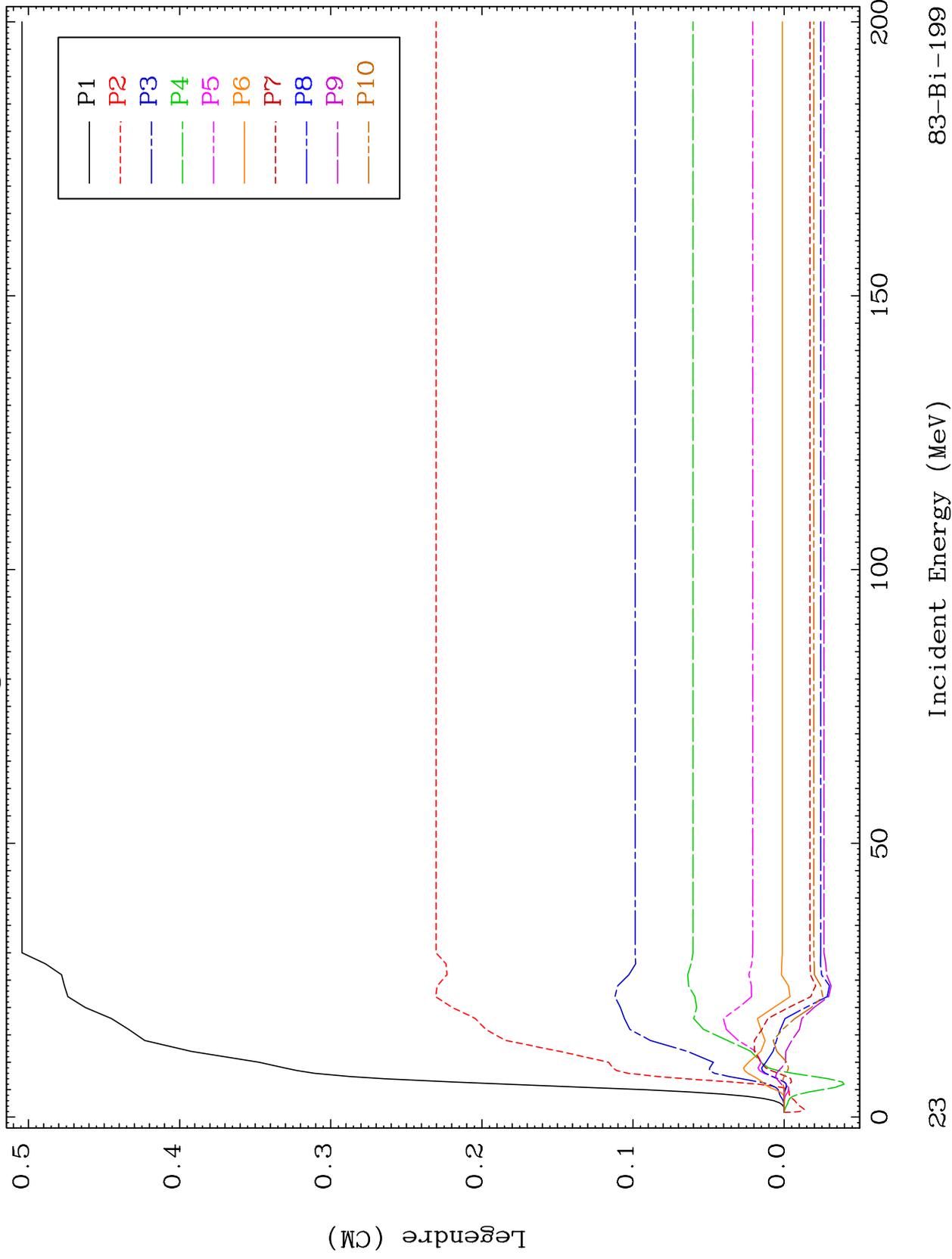


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MT= 52 (n,n') Level

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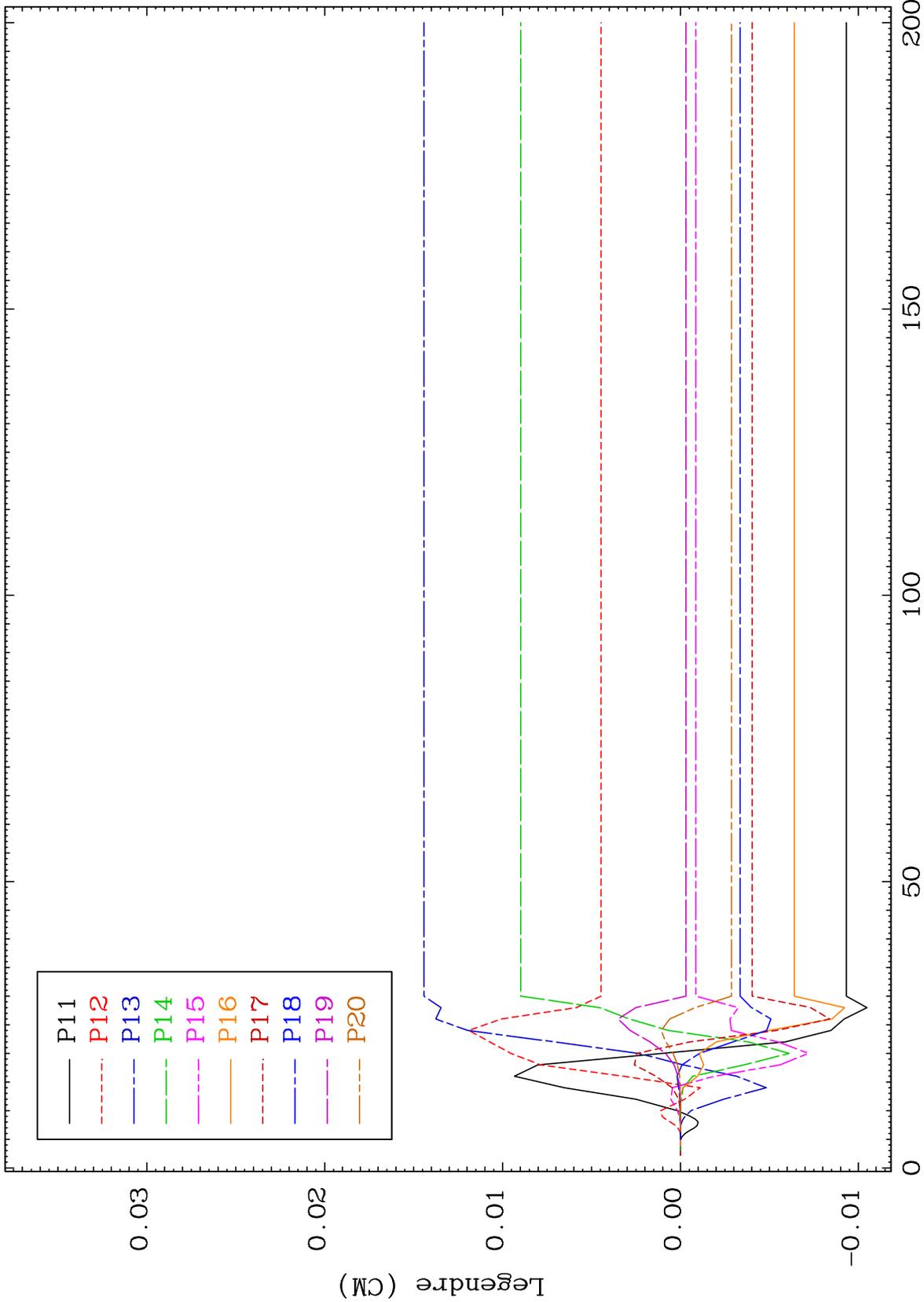
Legendre Coefficients



MAT 8295

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

83-Bi-199



24

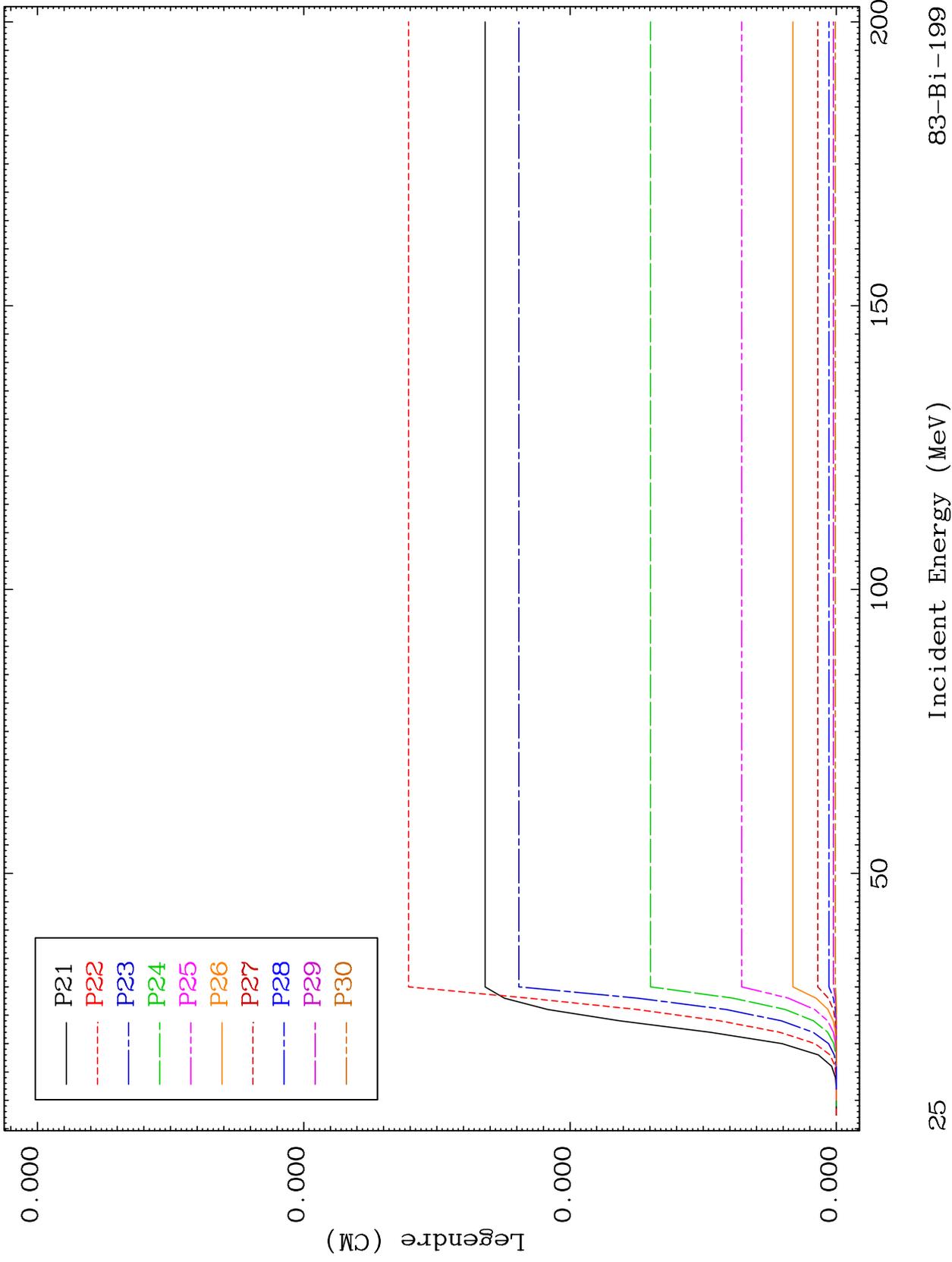
Incident Energy (MeV)

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MAT 8295

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

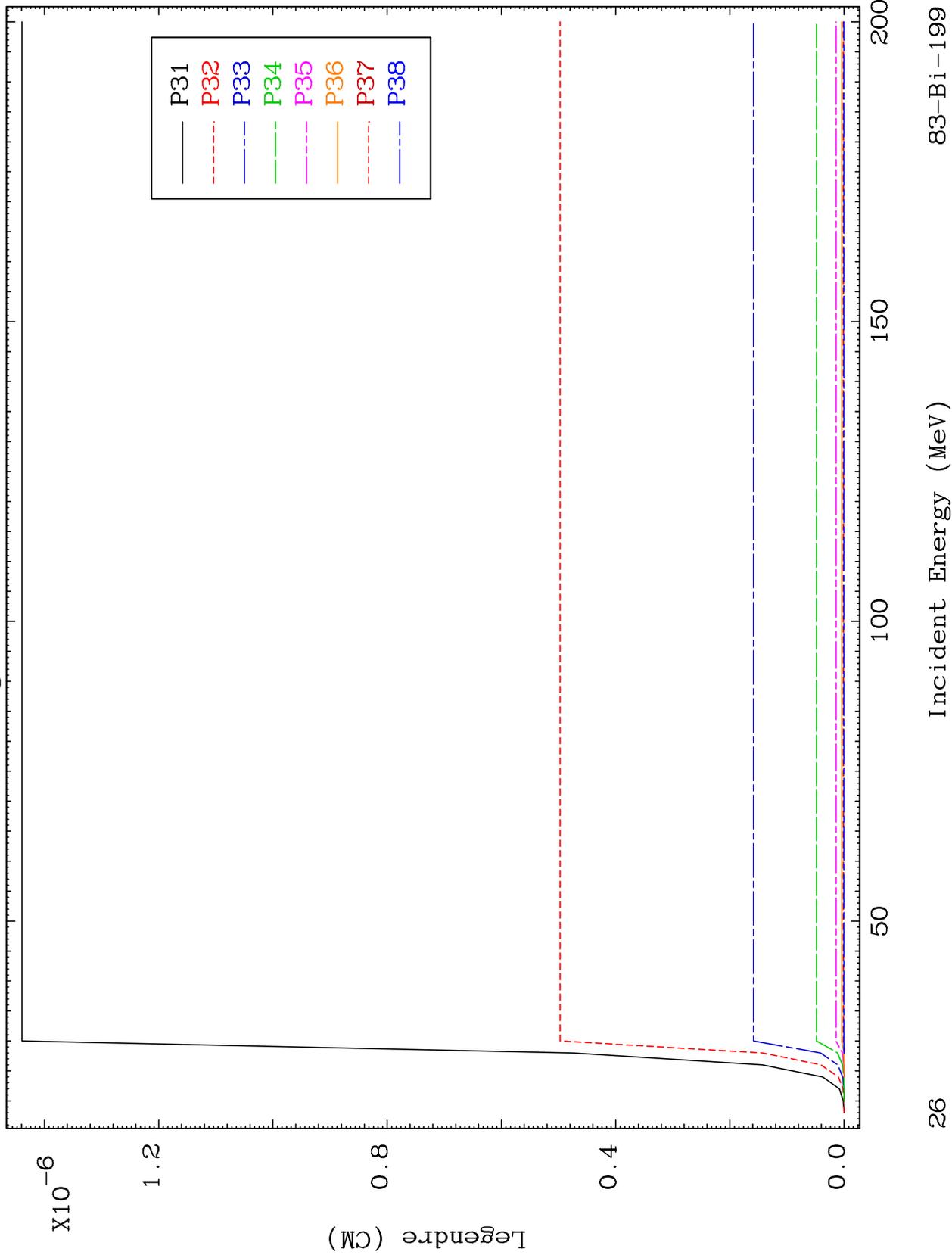
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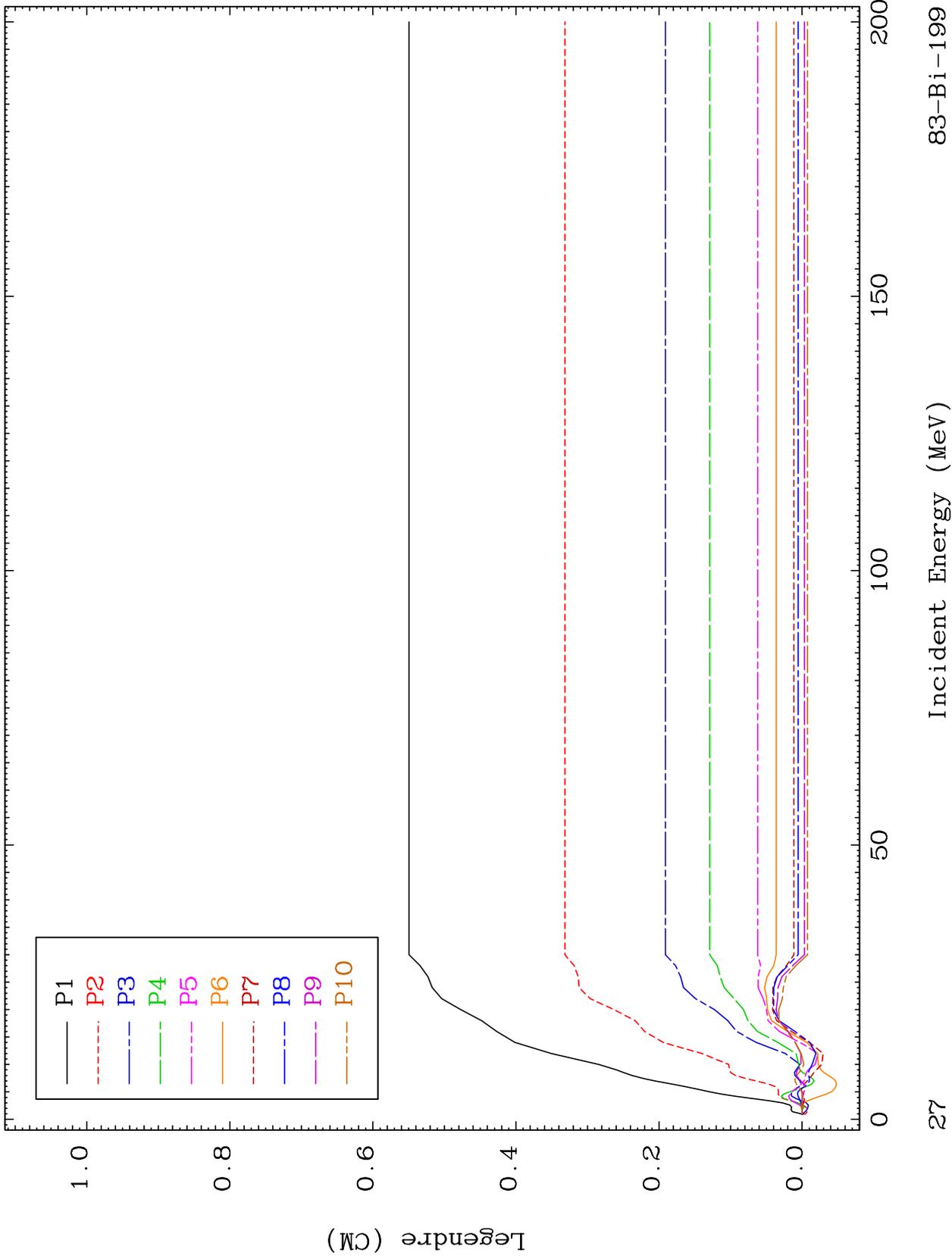


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Incident Energy (MeV)

83-Bi-199

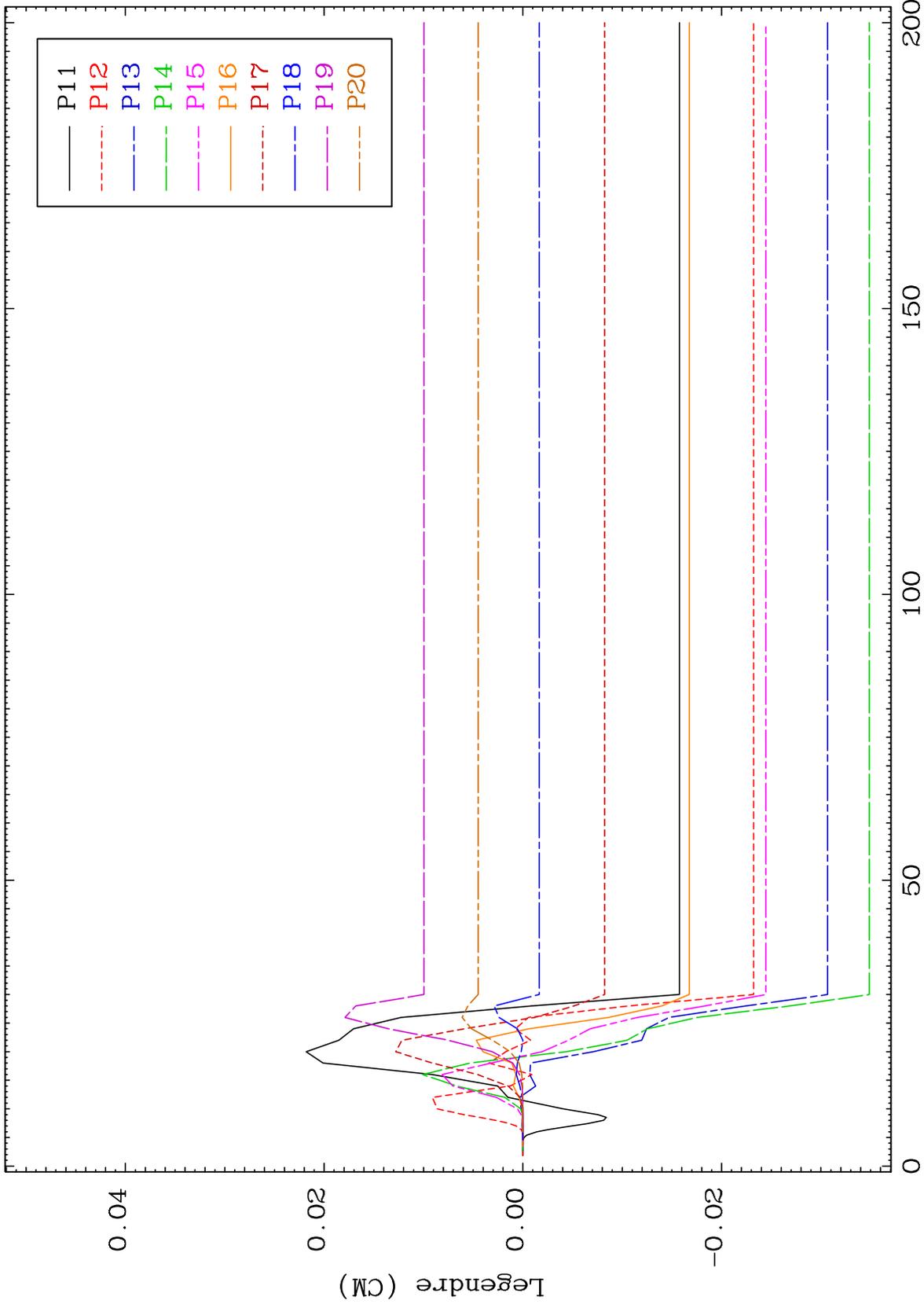




MAT 8295

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

83-Bi-199



28

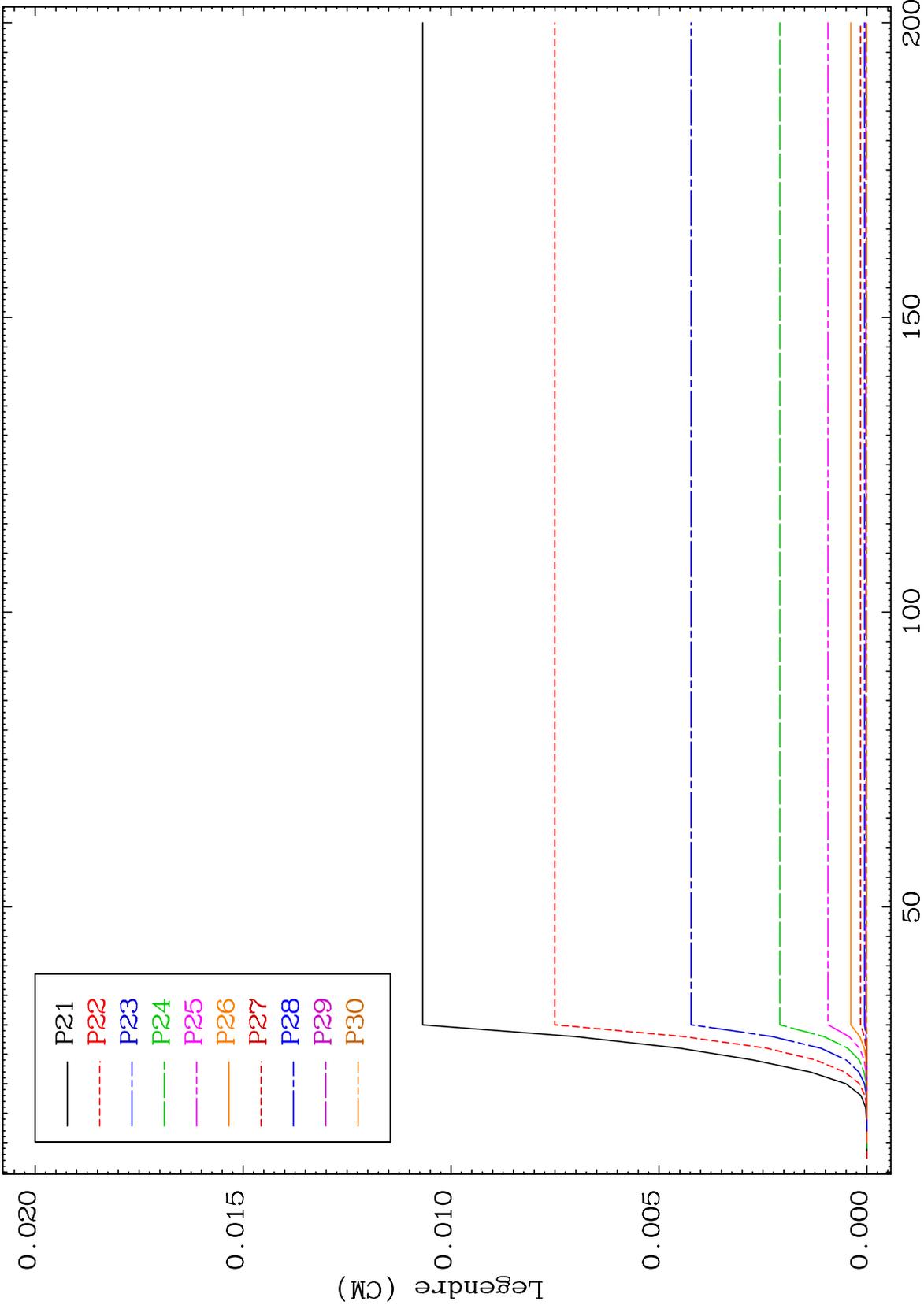
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



29

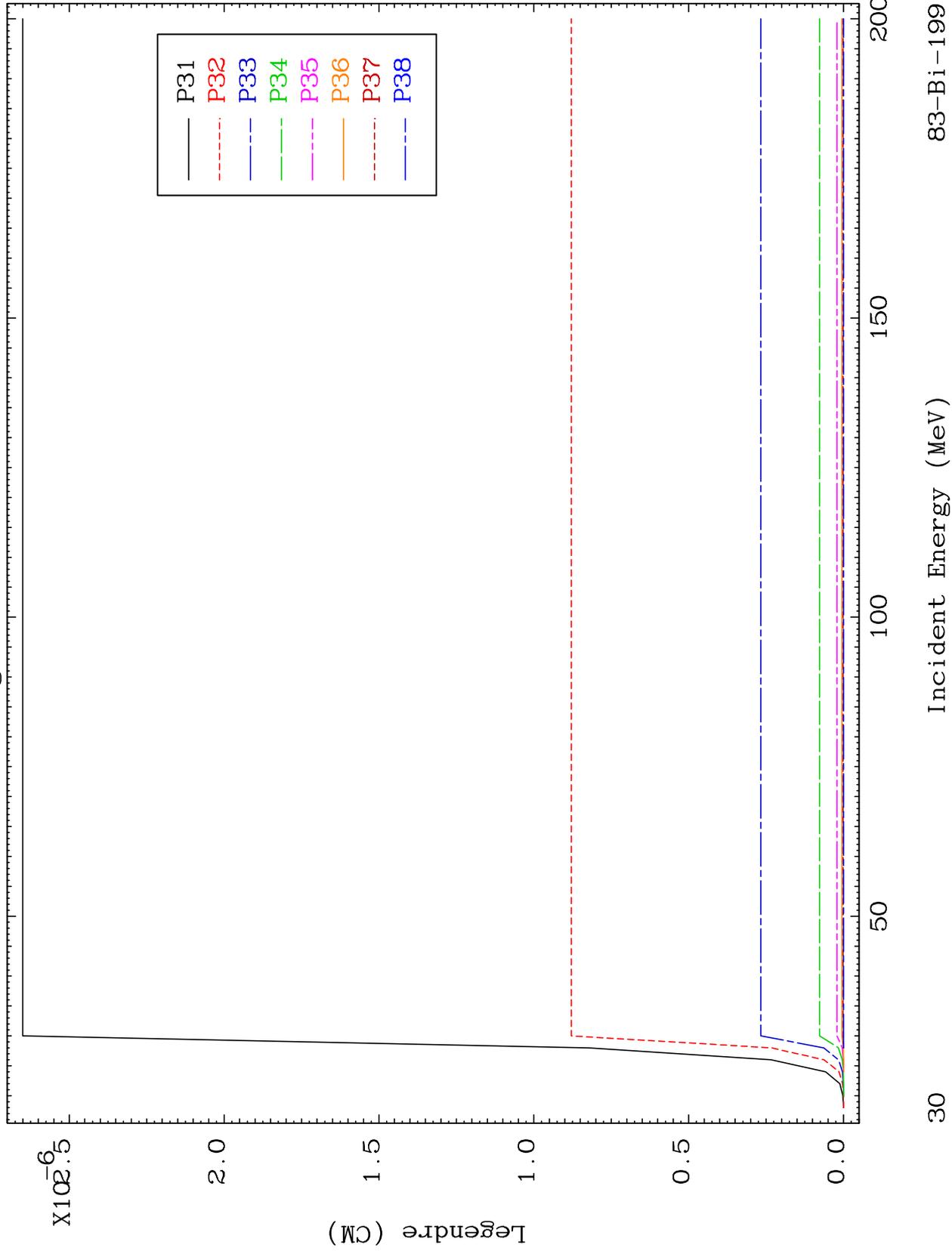
Incident Energy (MeV)

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MAT 8295

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

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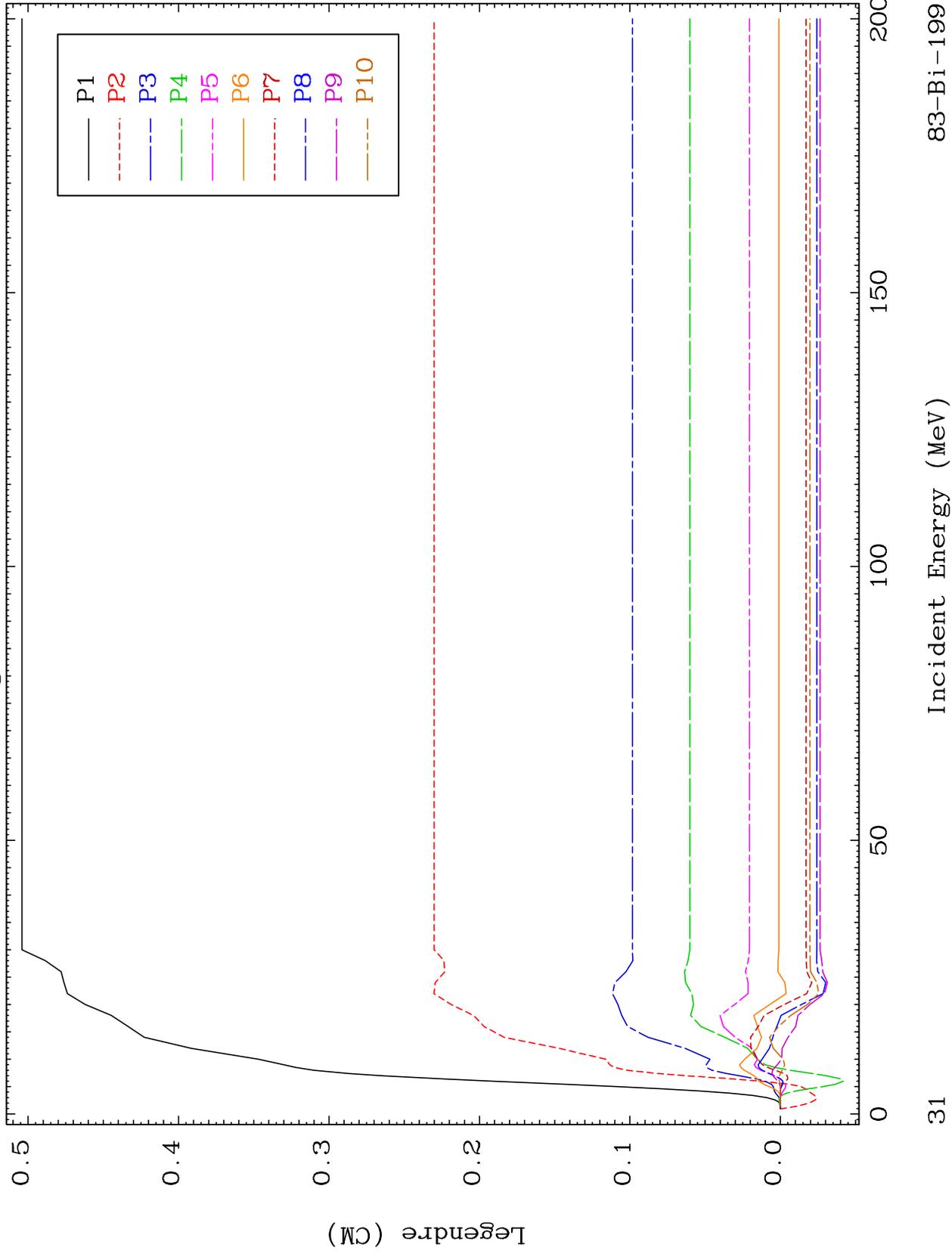


MAT 8295

MT= 54 (n,n') Level

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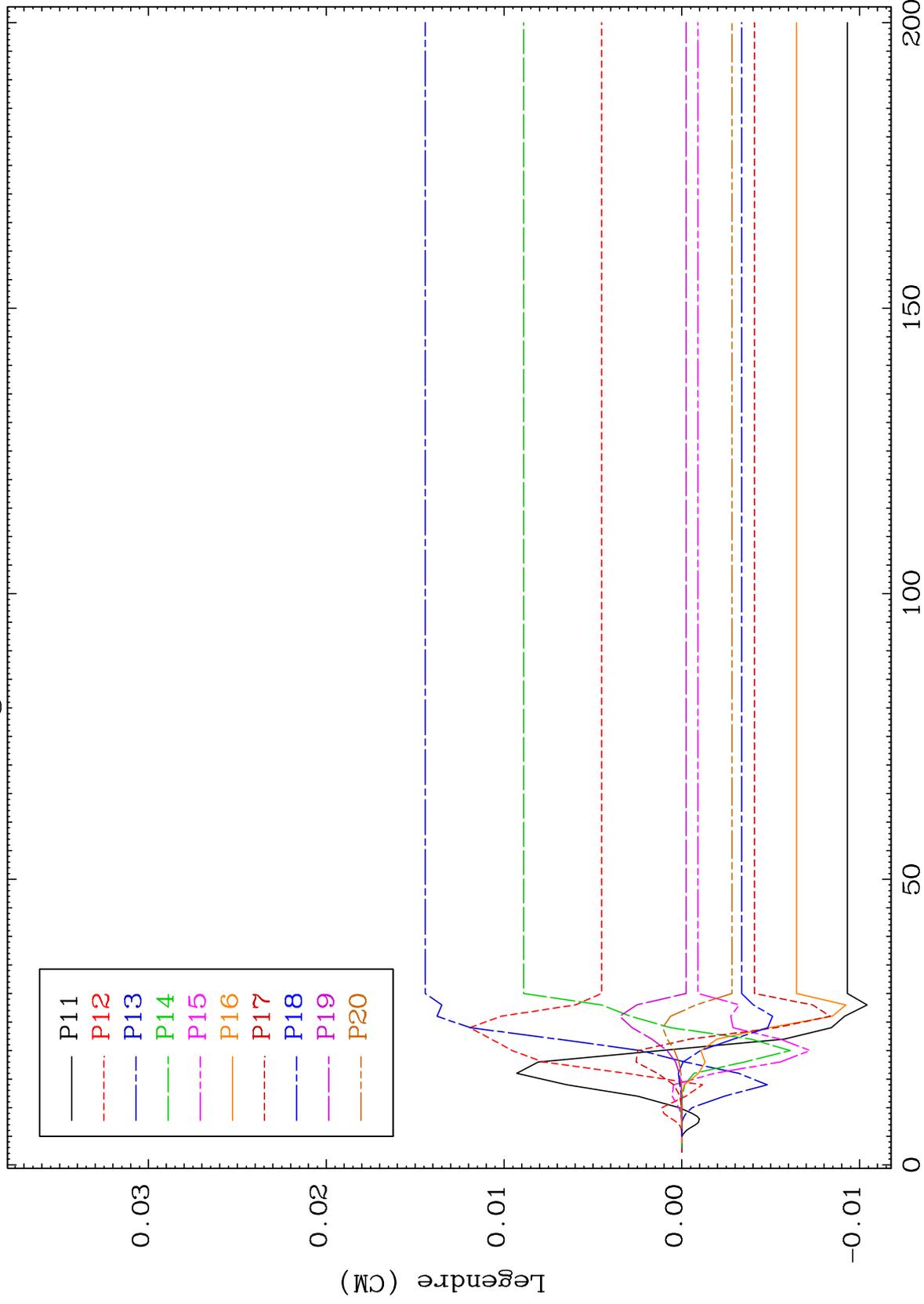
Legendre Coefficients



MAT 8295

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

83-Bi-199



32

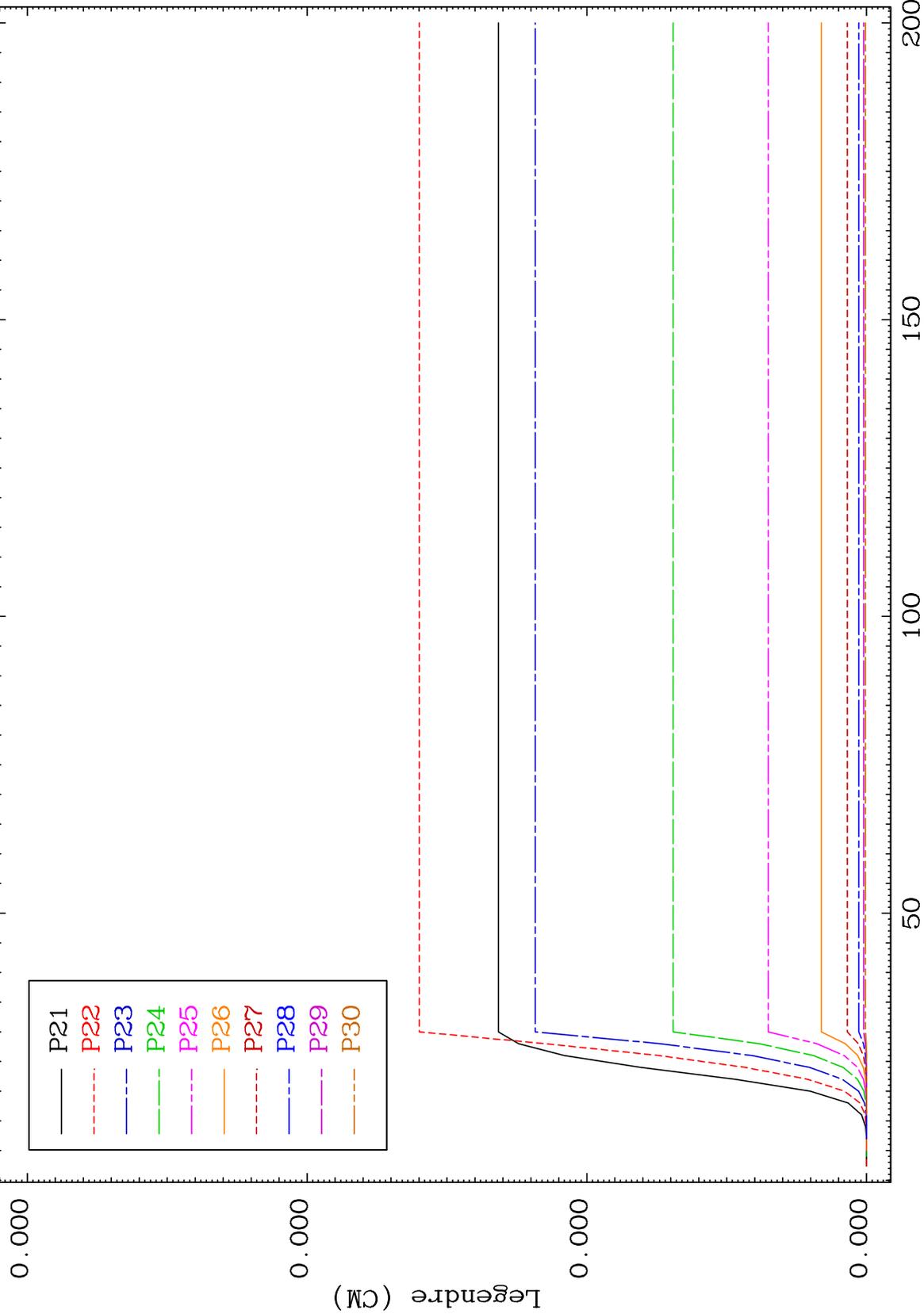
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

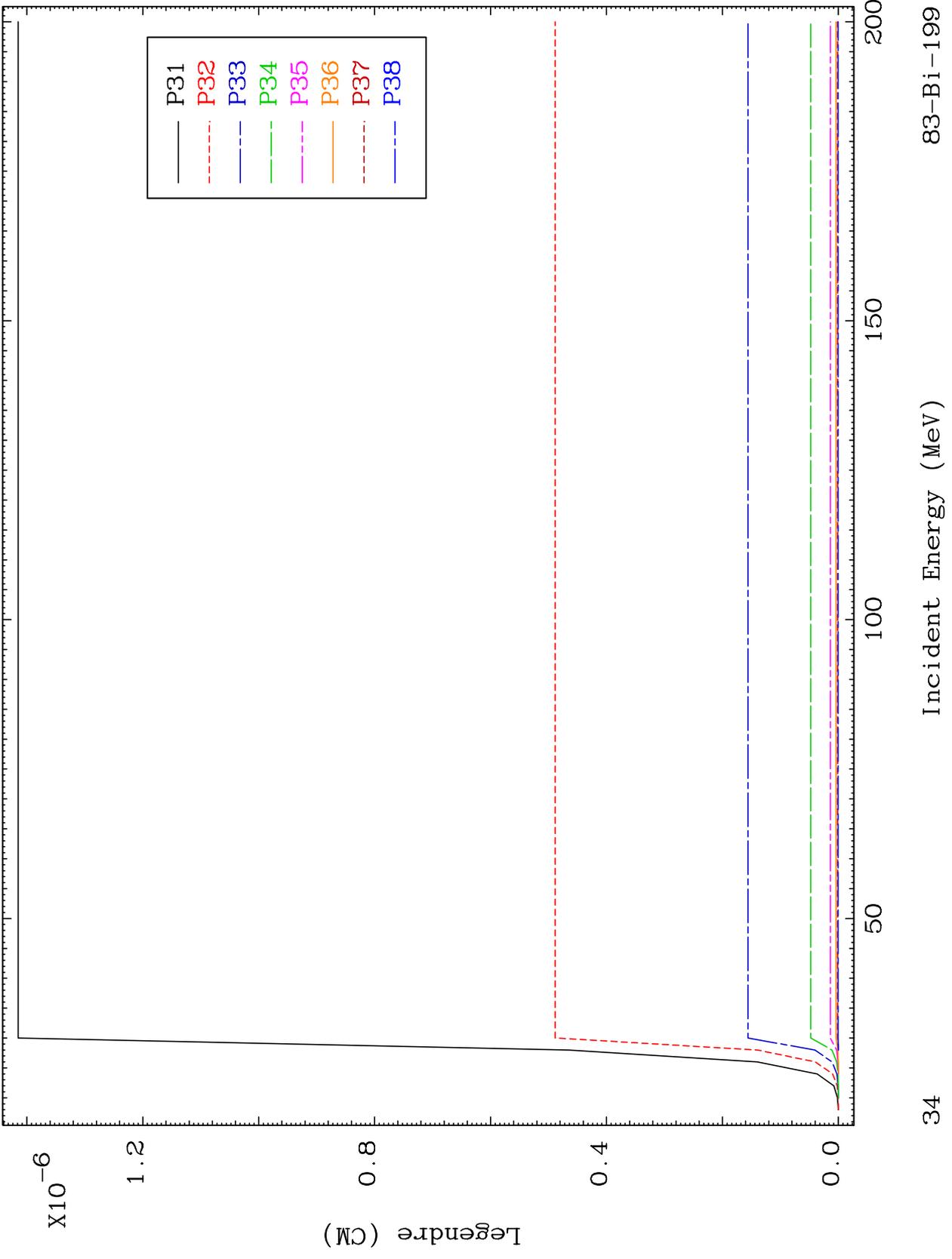
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MAT 8295

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

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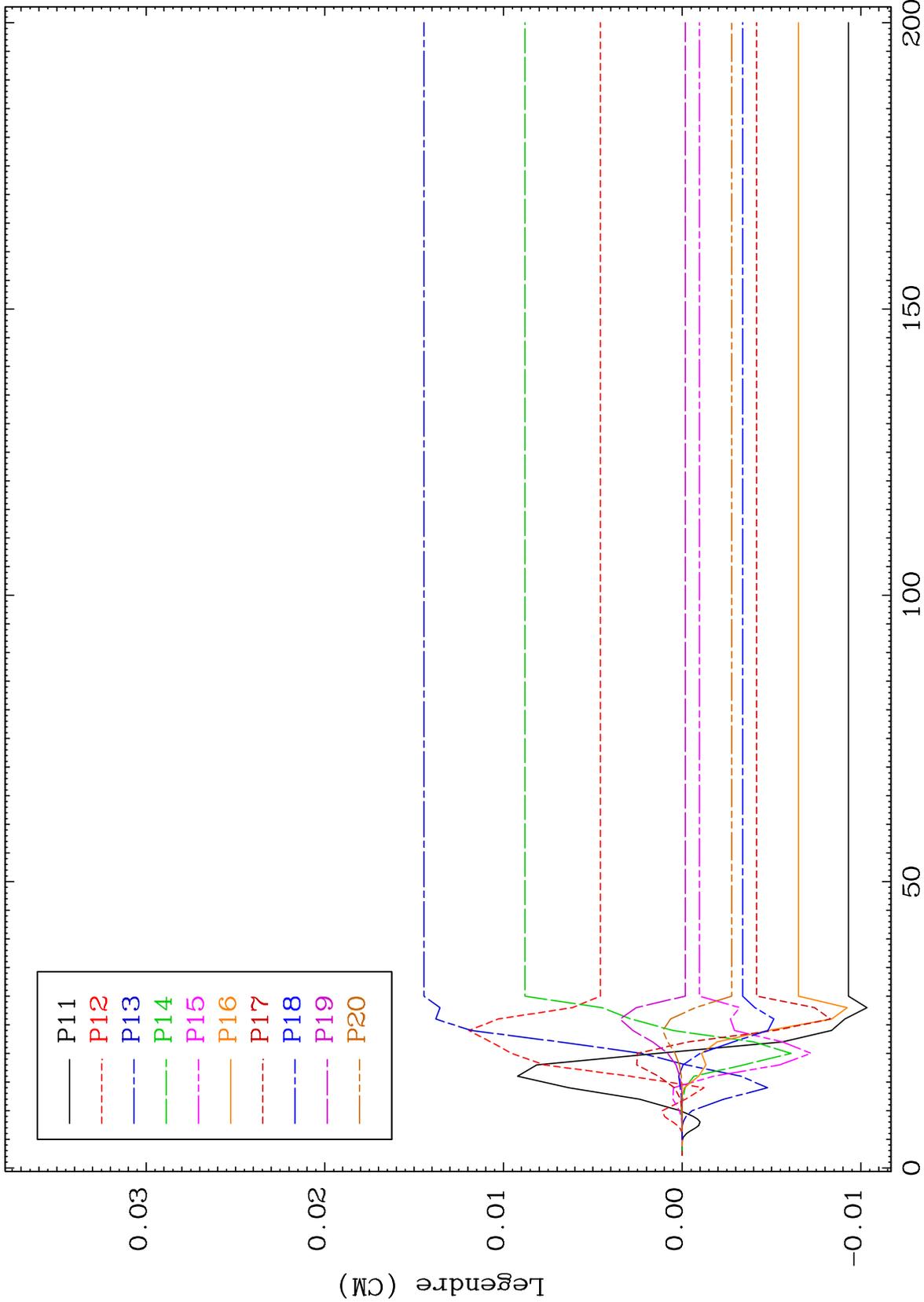


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MAT 8295

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

83-Bi-199



36

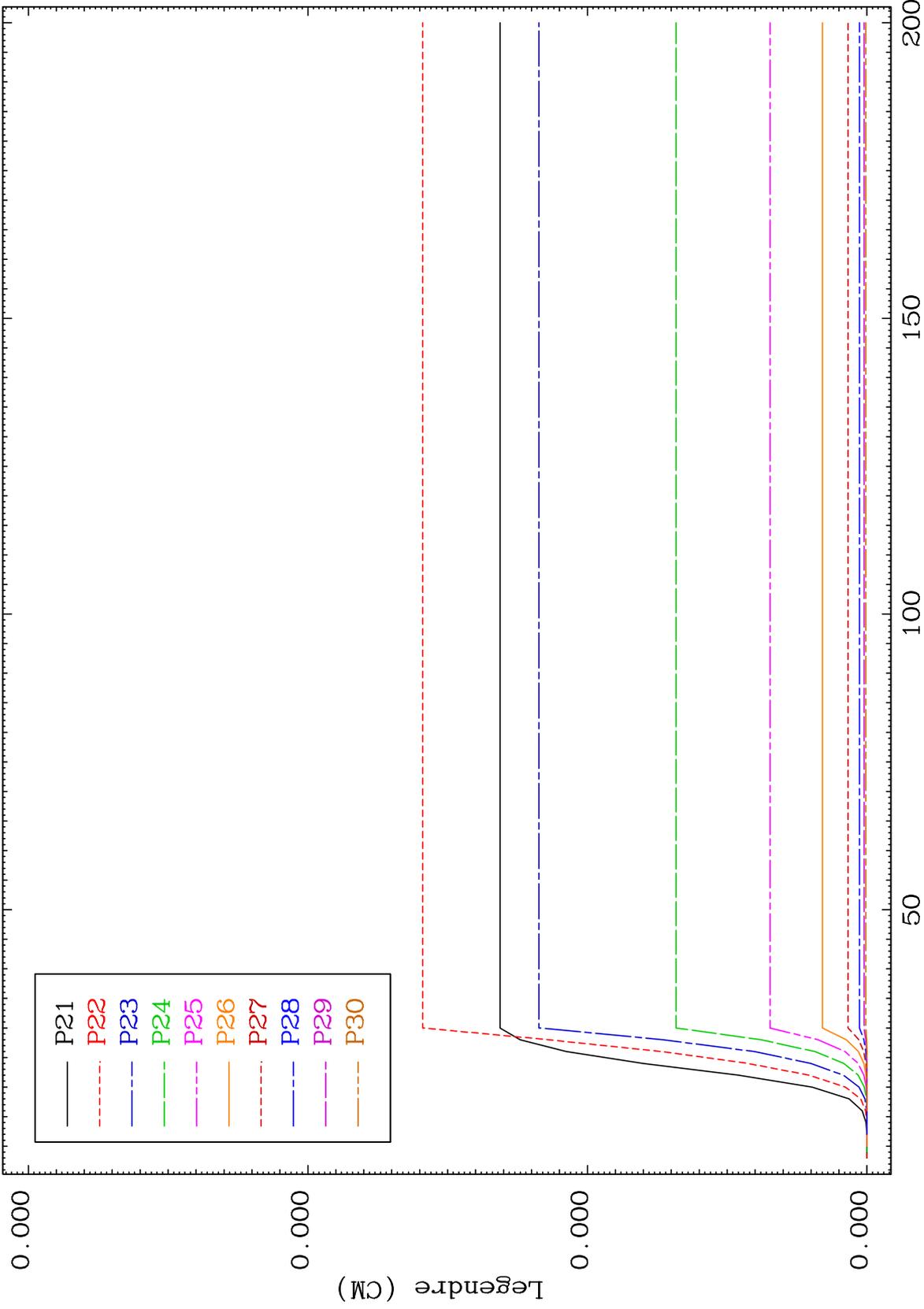
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



37

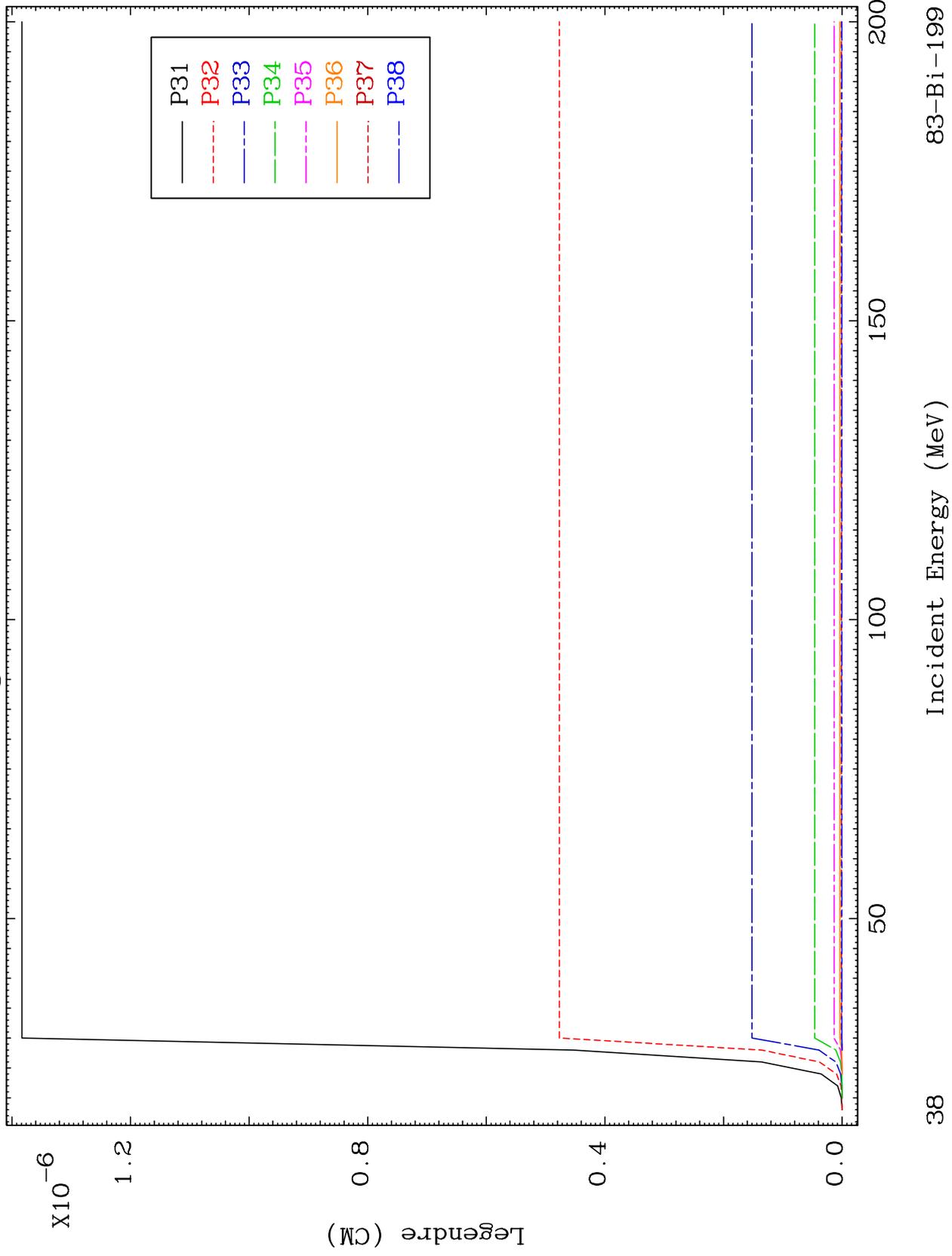
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199

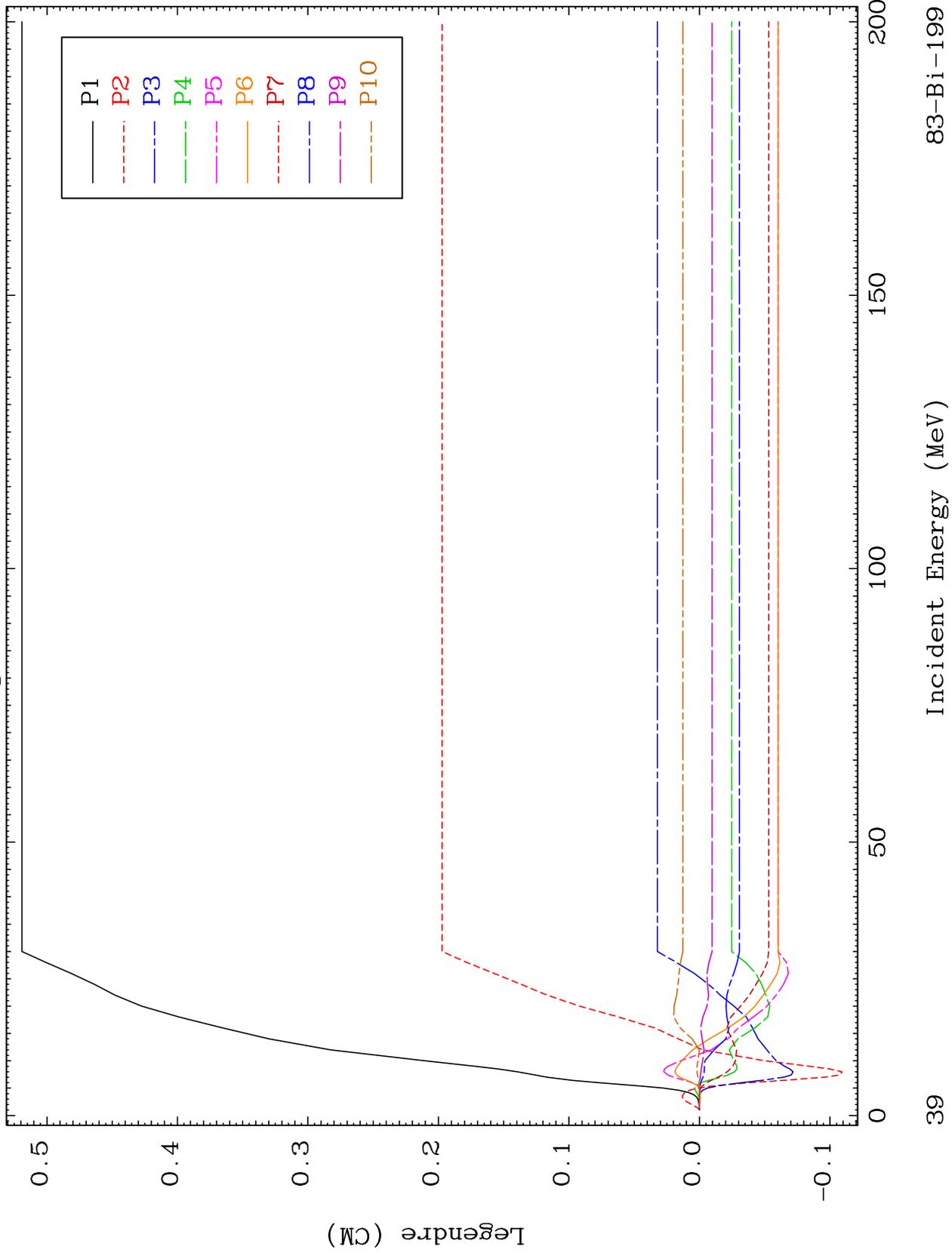


38

MAT 8295

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

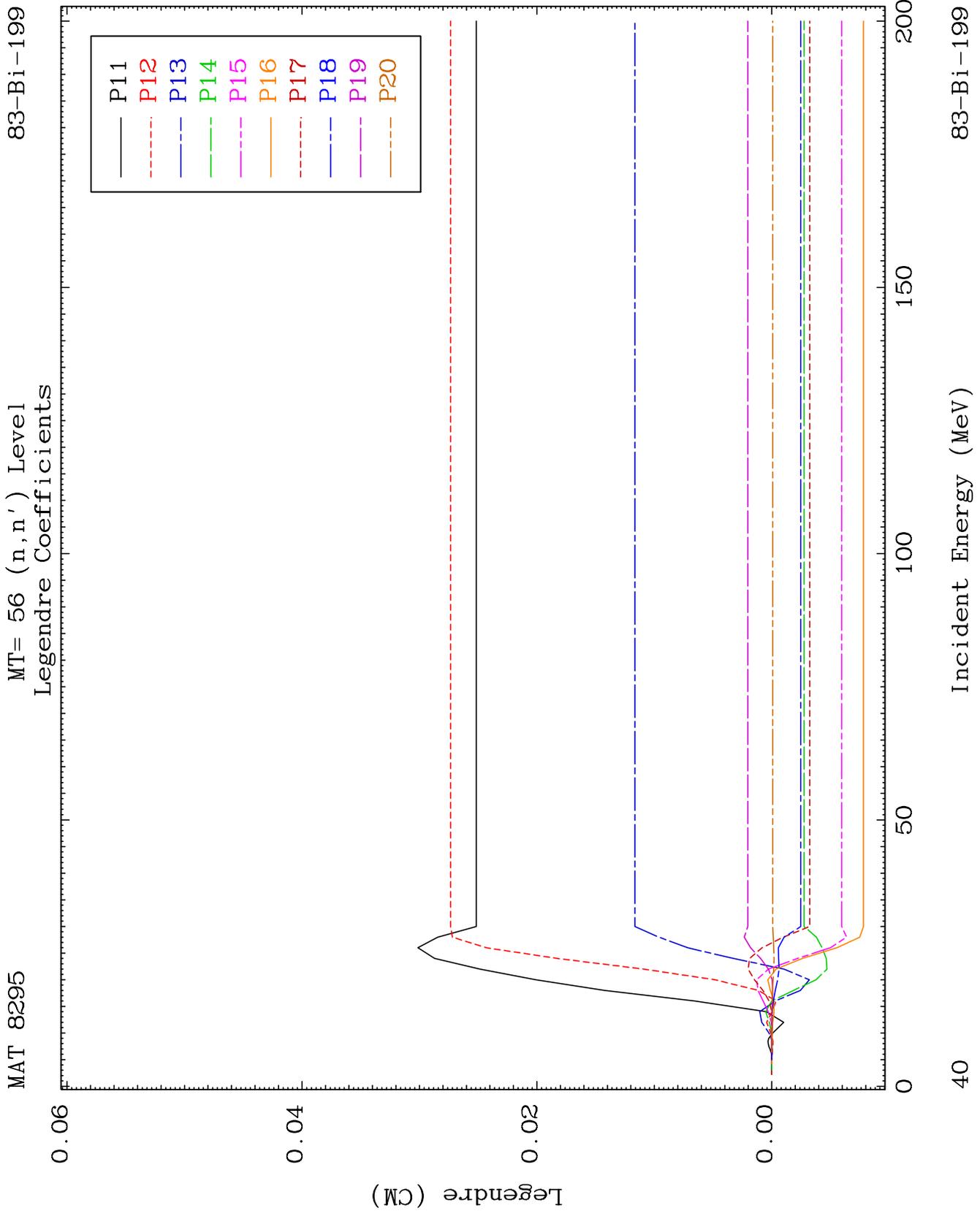
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83-Bi-199

Incident Energy (MeV)

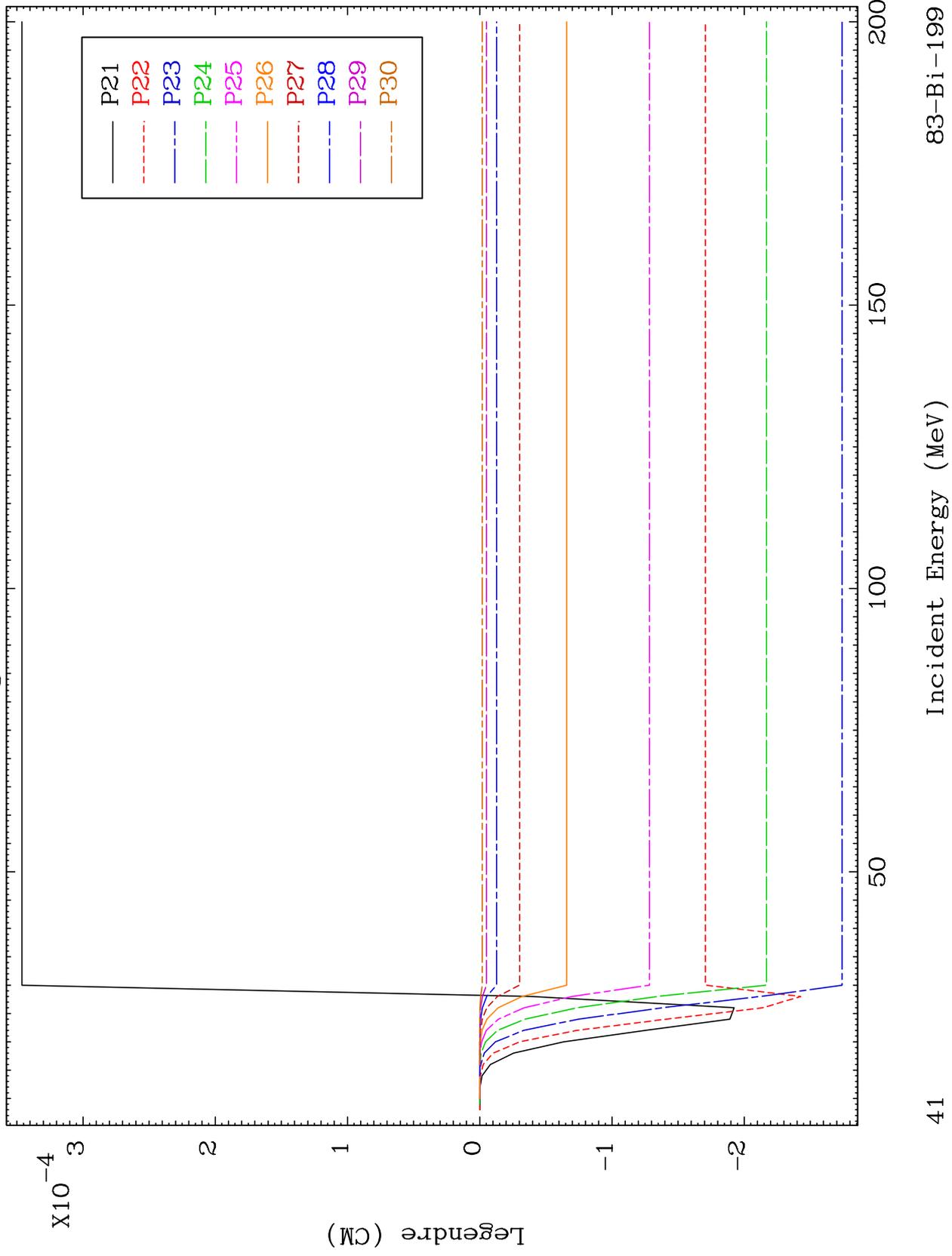
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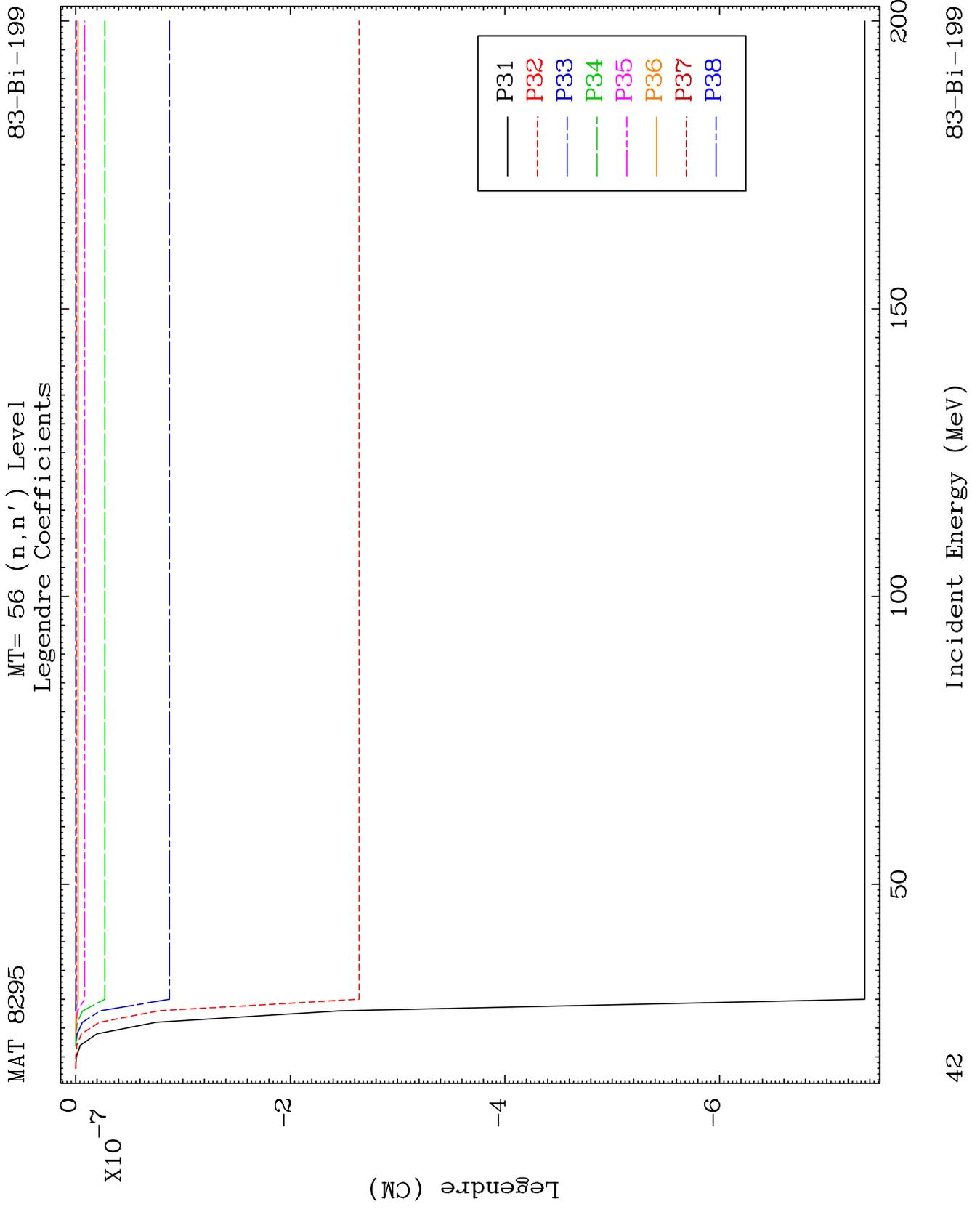


MAT 8295

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

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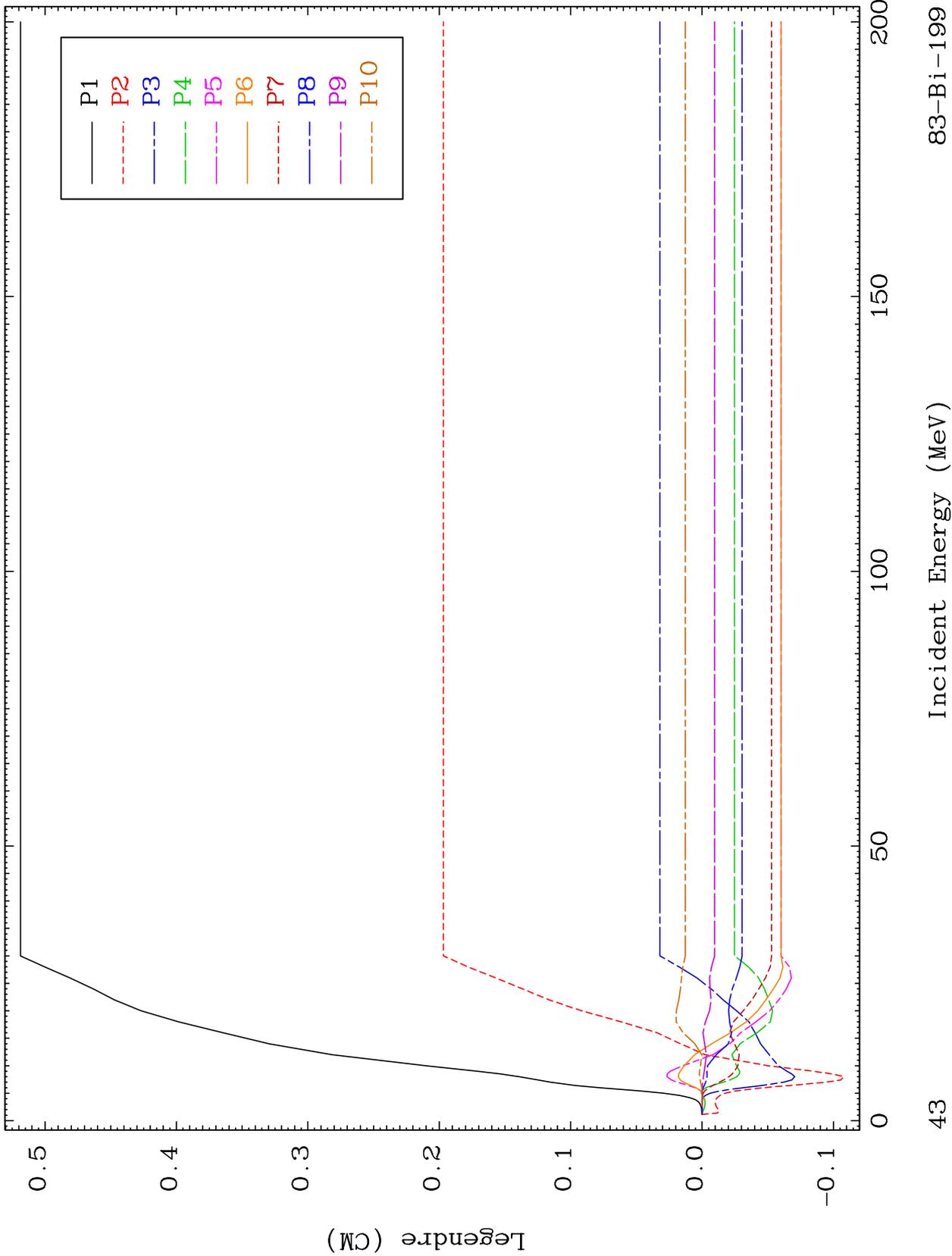




MAT 8295

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

83-Bi-199



83-Bi-199

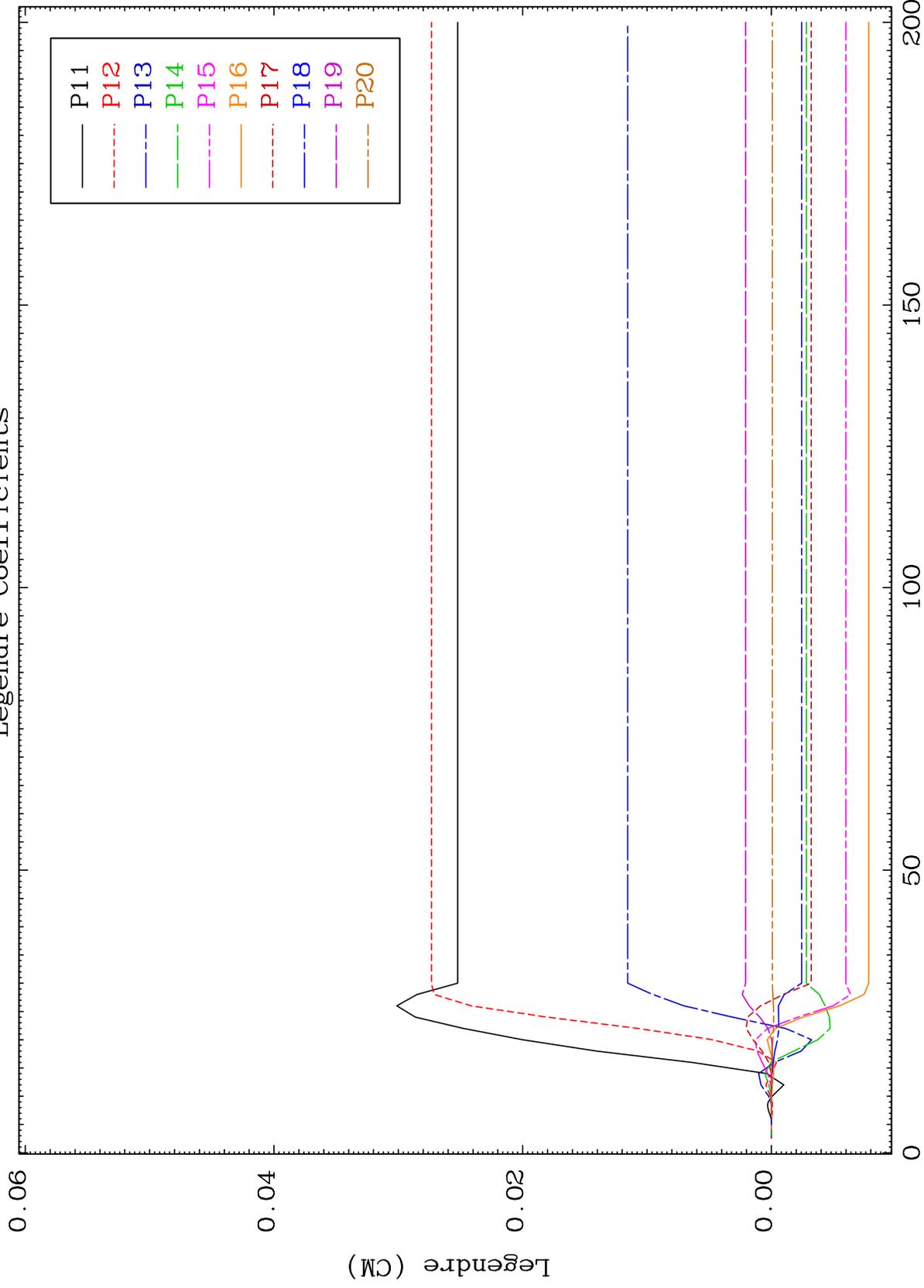
Incident Energy (MeV)

43

MAT 8295

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

83-Bi-199



44

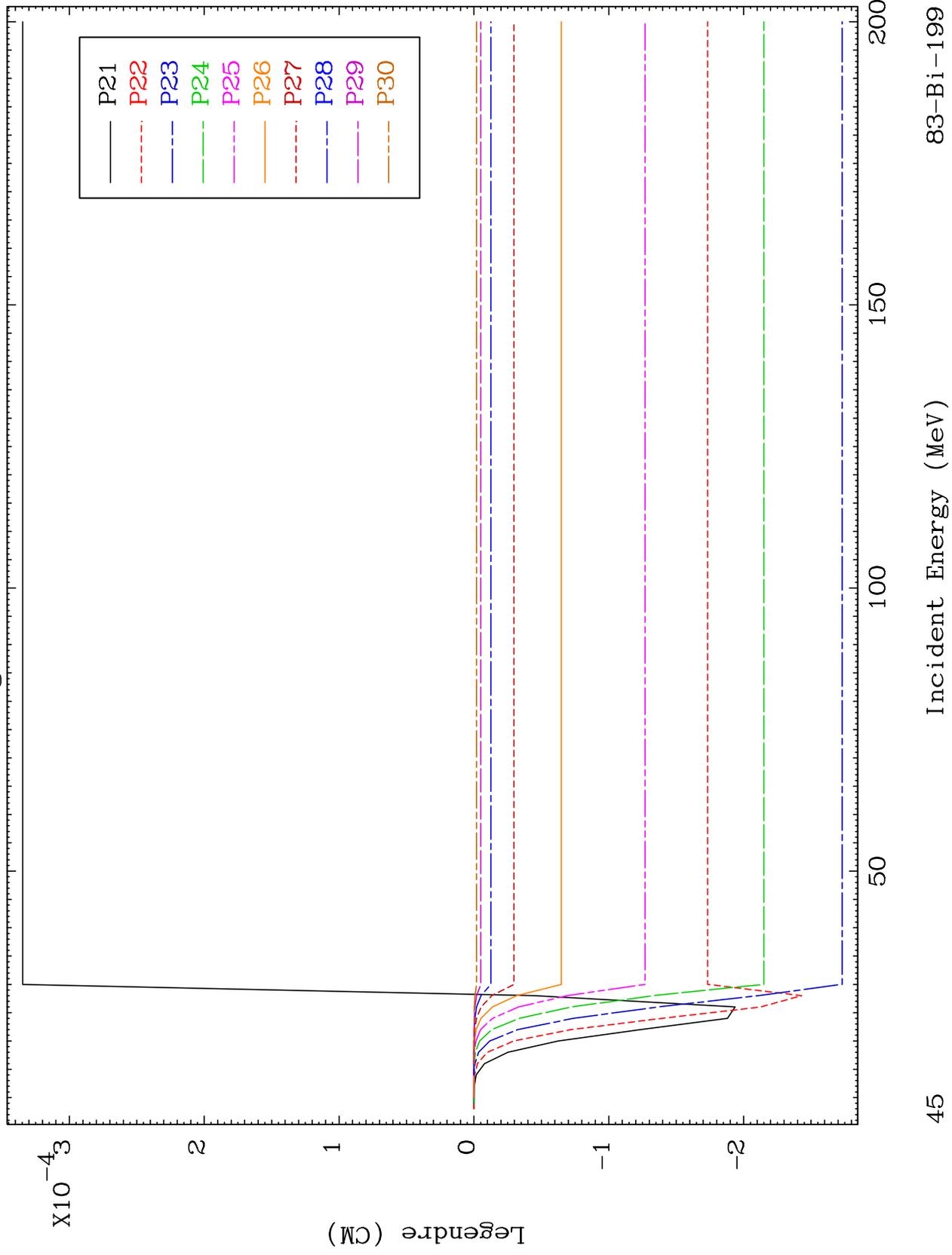
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

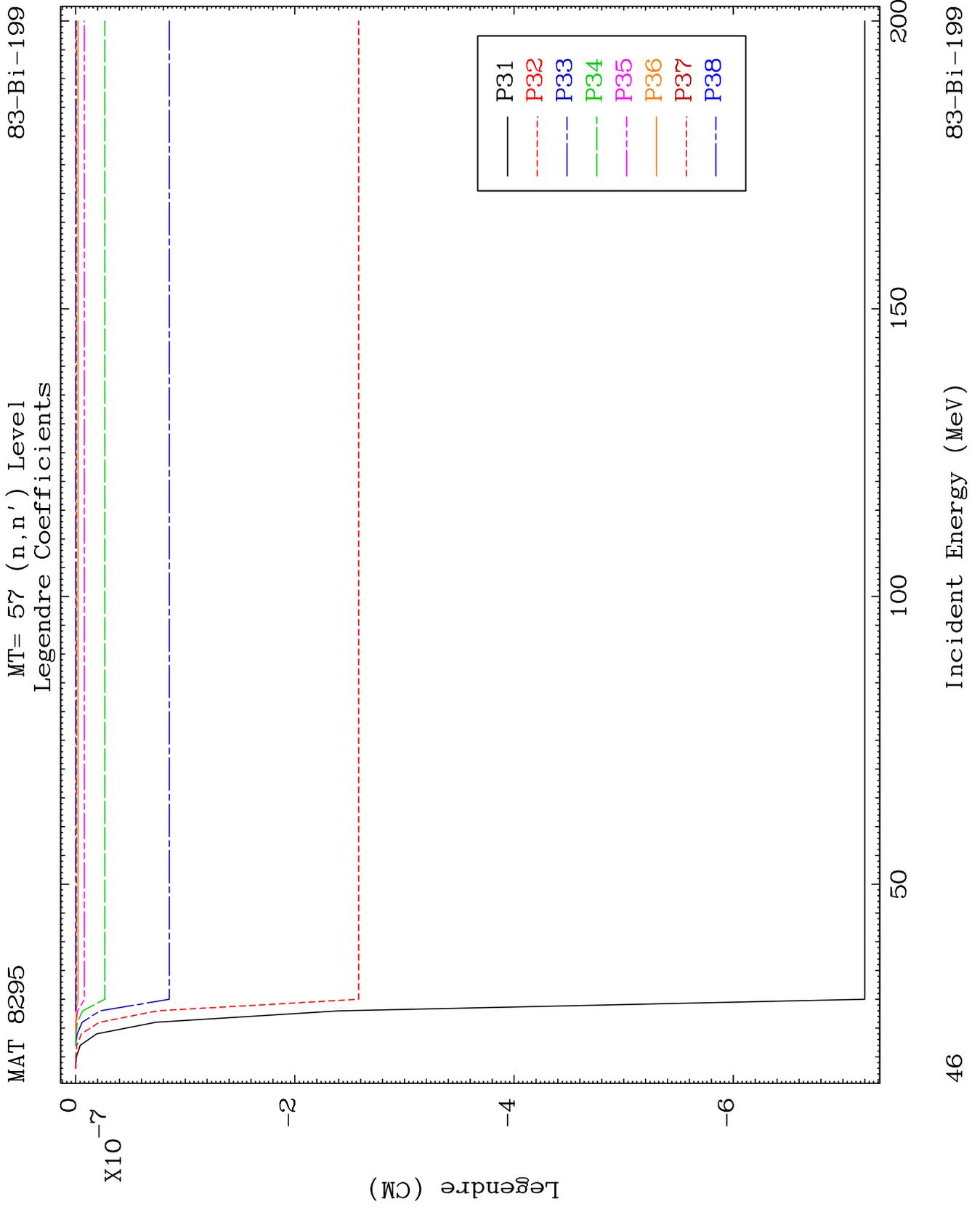
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Incident Energy (MeV)

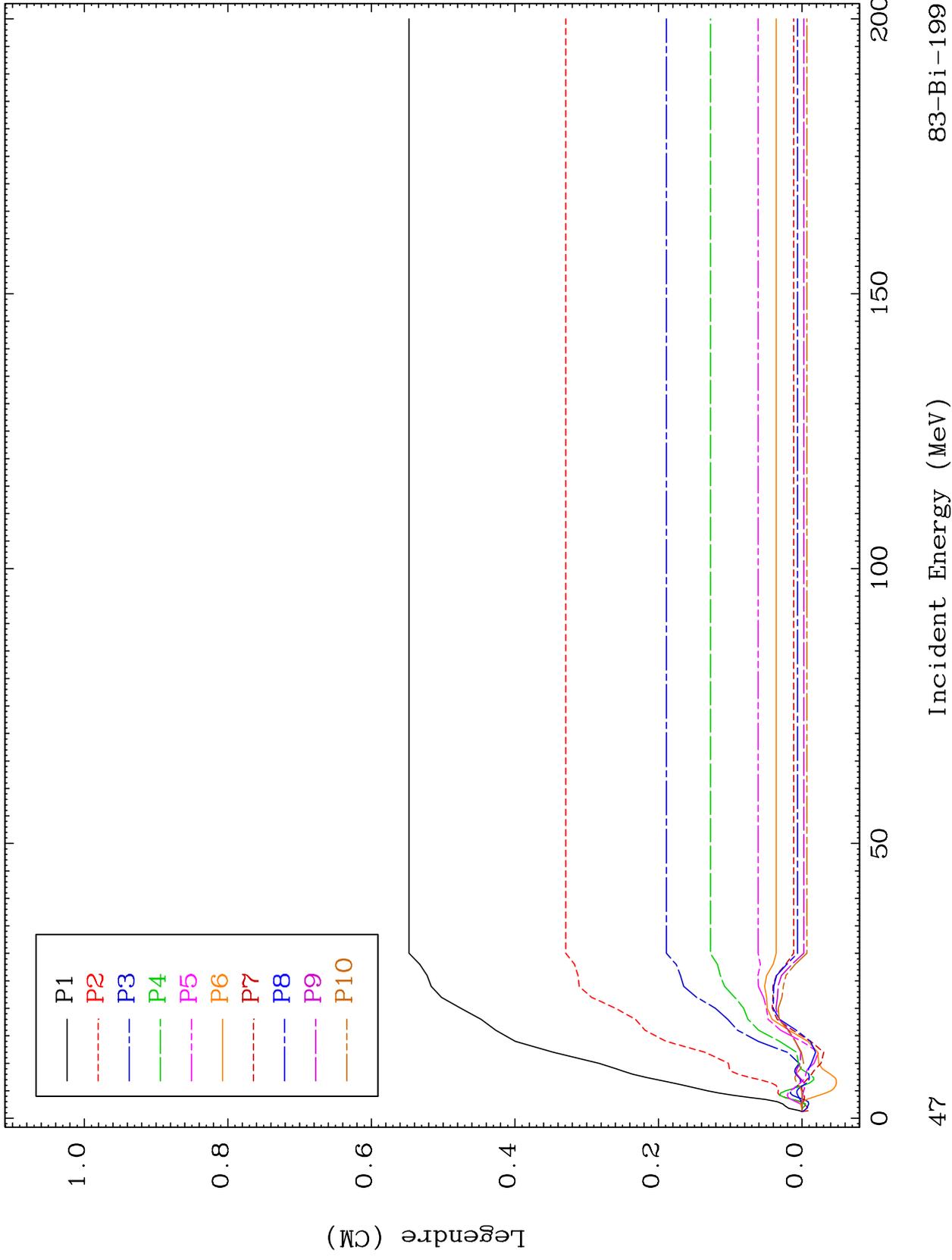
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MAT 8295

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

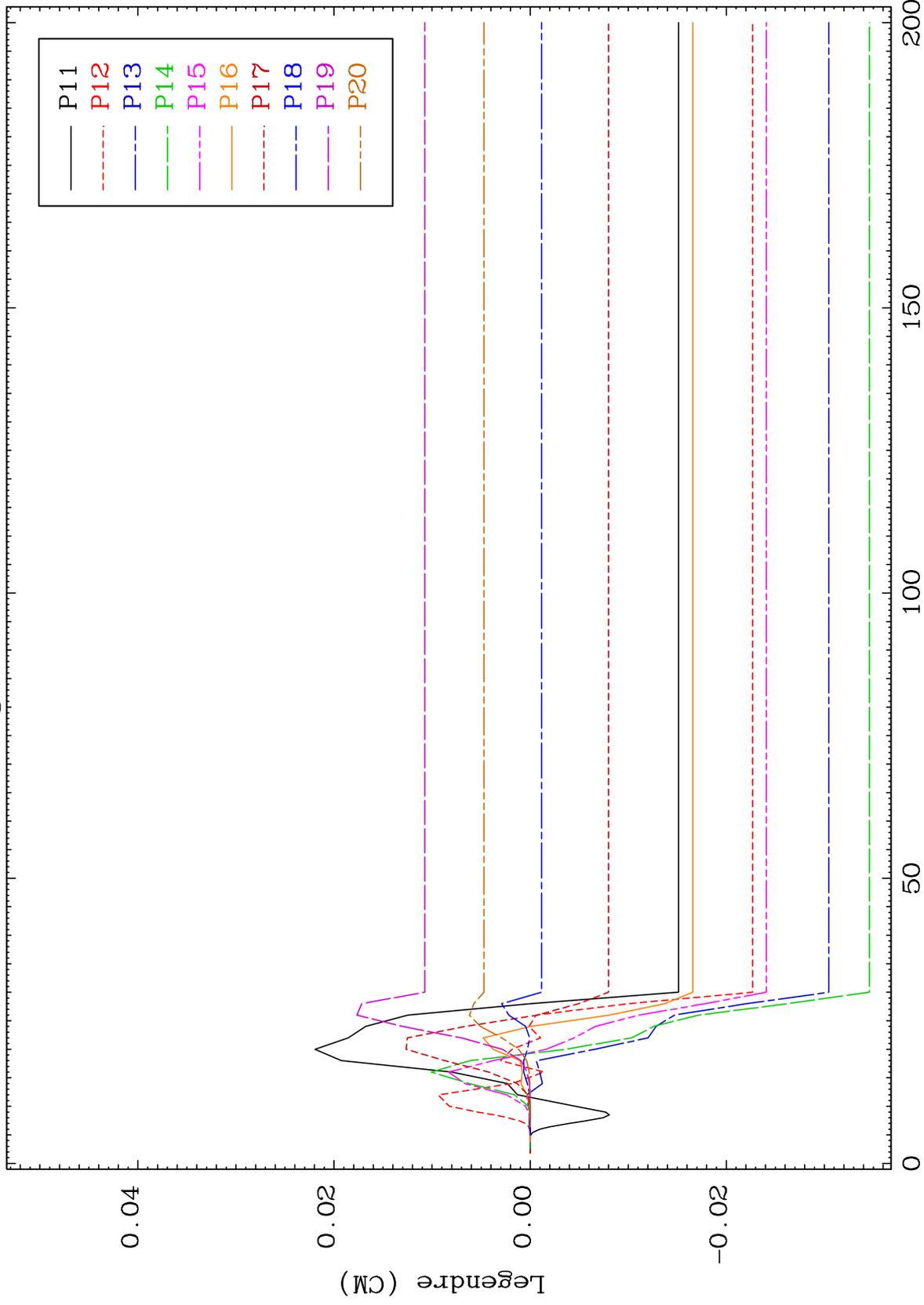
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MAT 8295

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

83-Bi-199



48

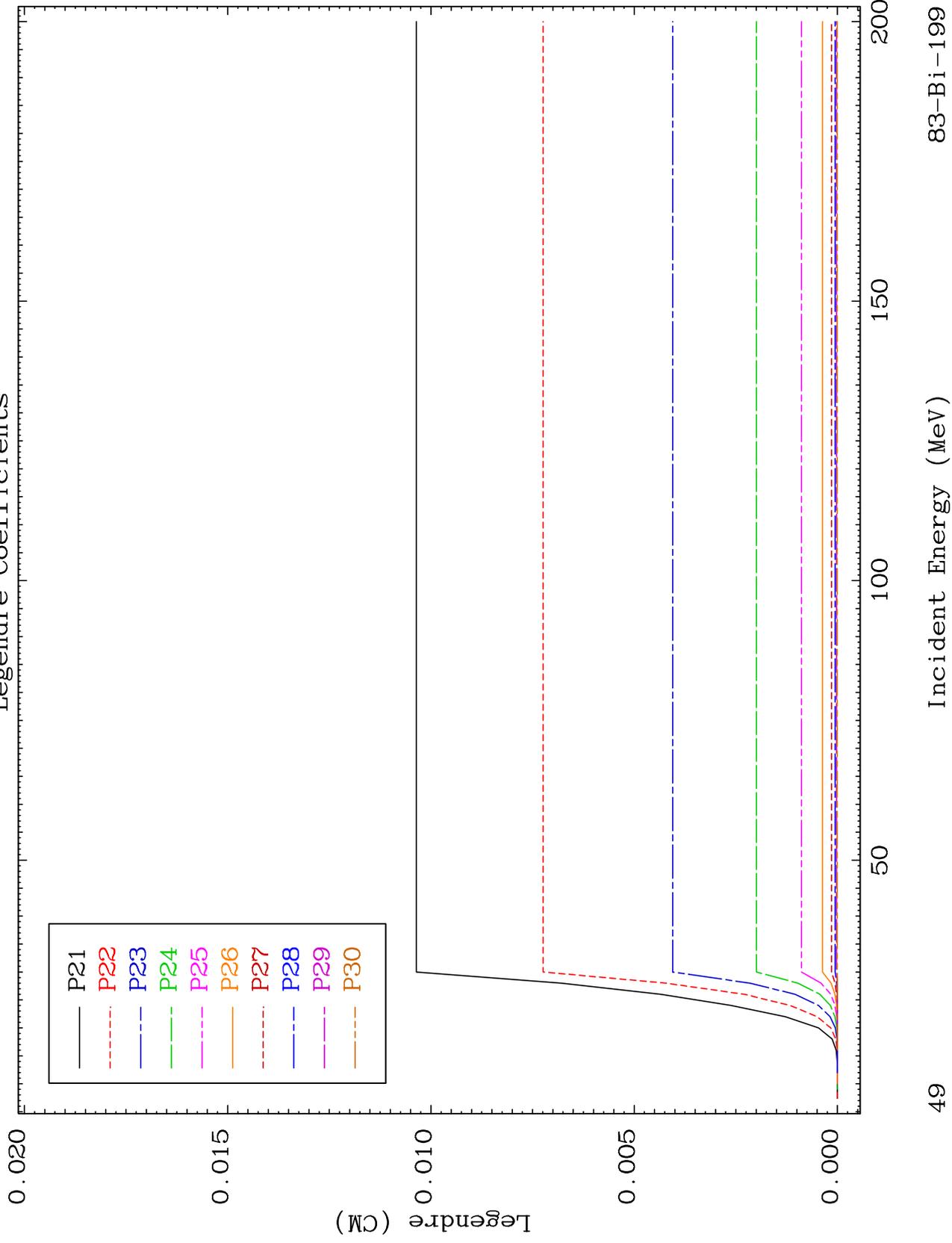
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



49

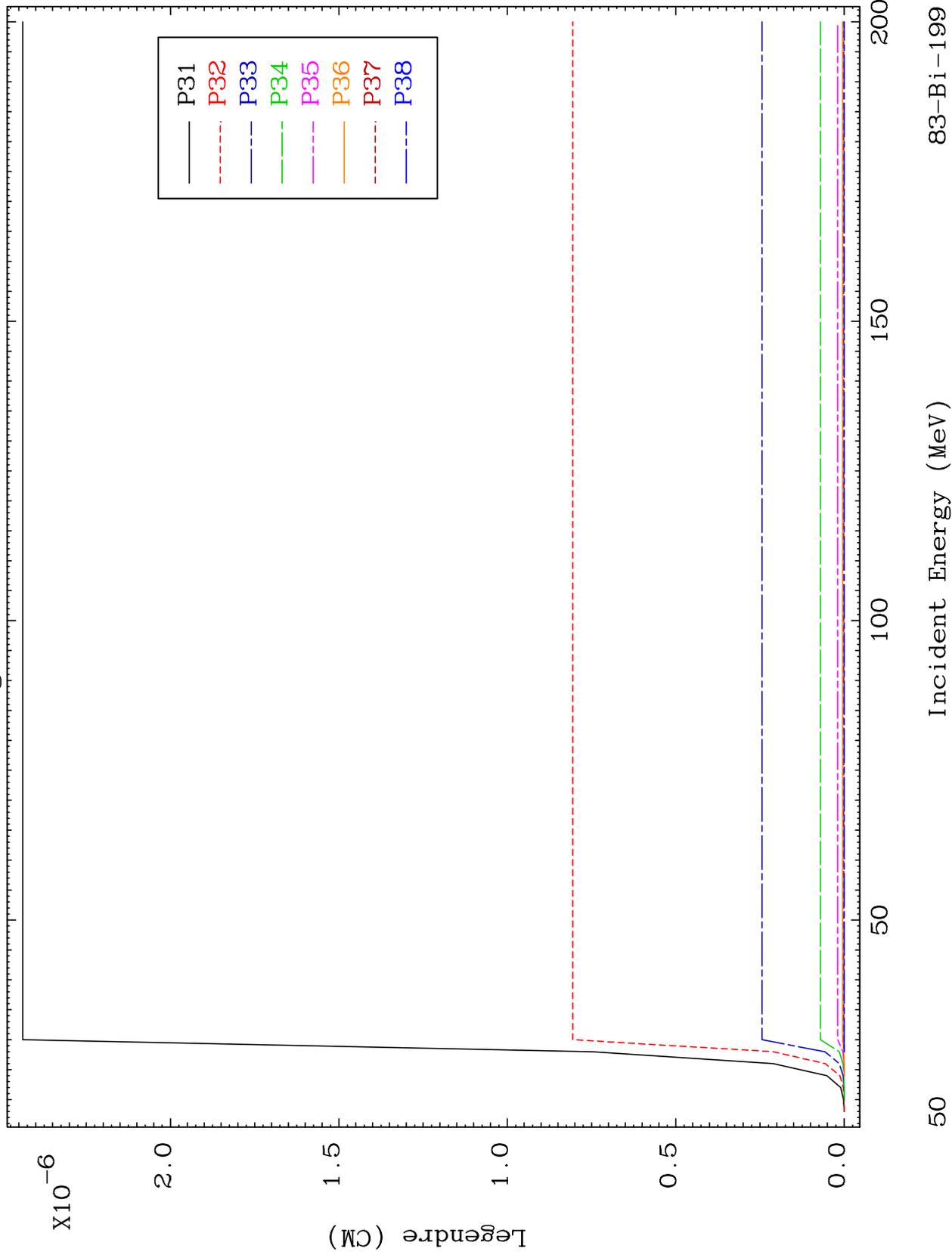
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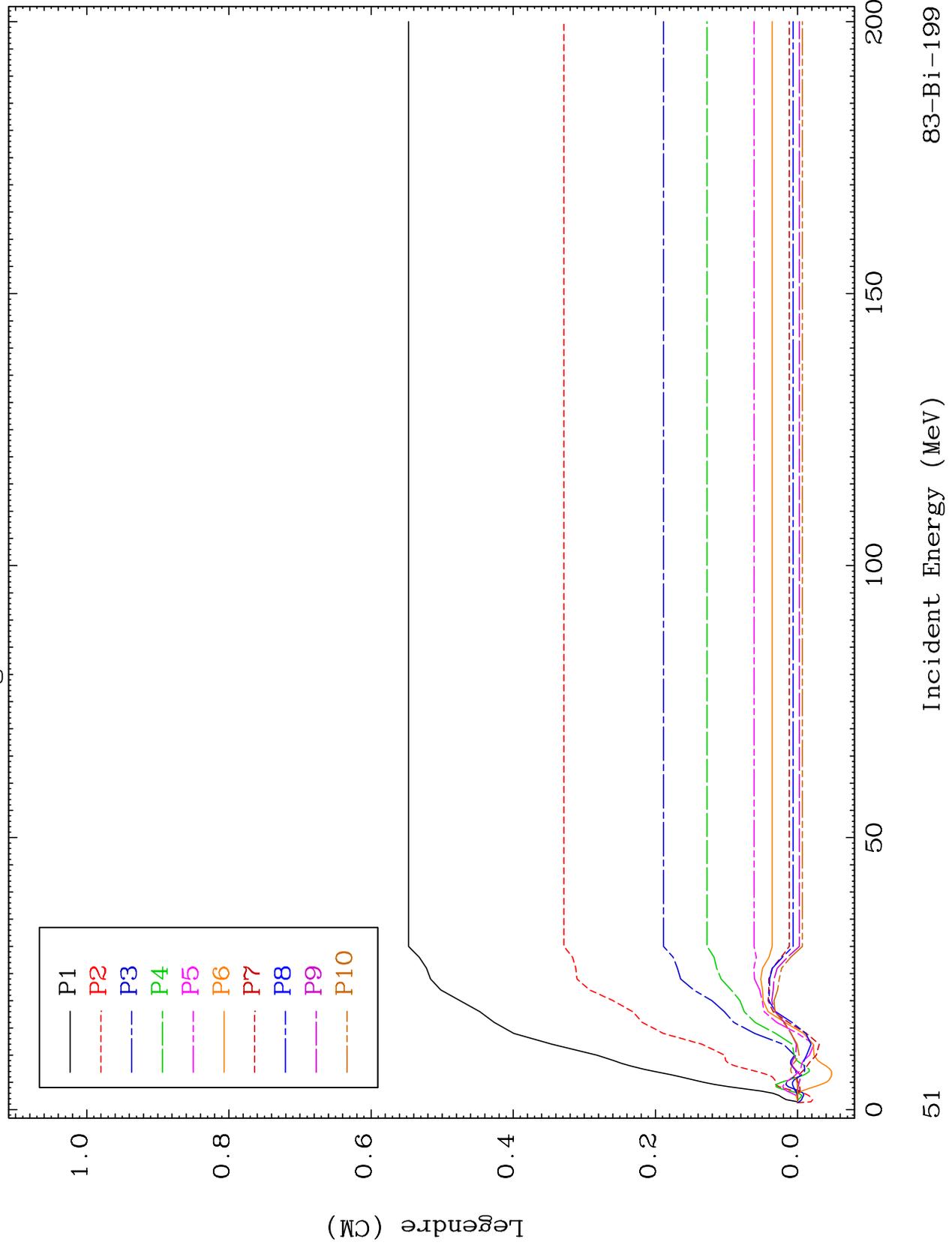
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MAT 8295

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

83-Bi-199

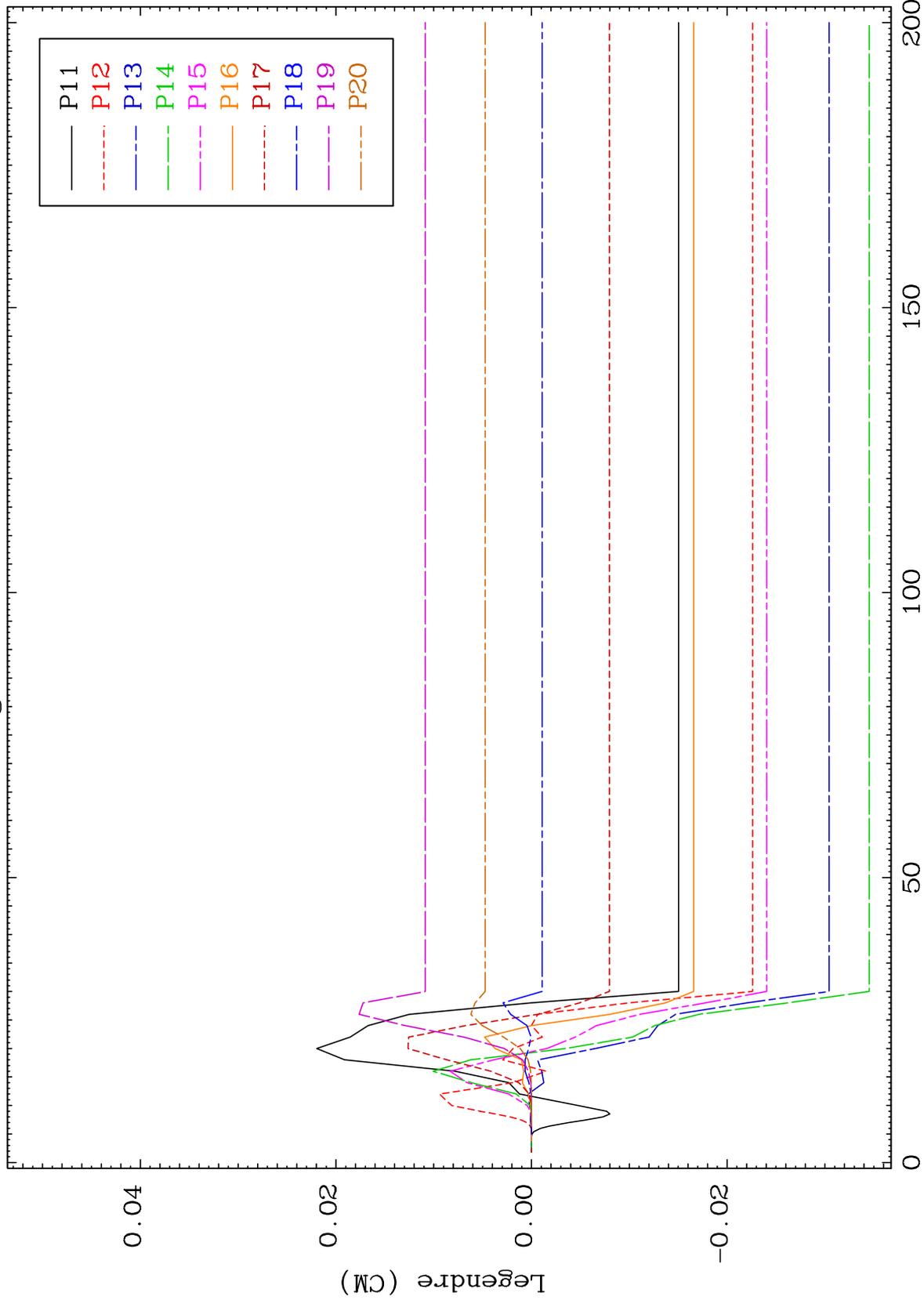




MAT 8295

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

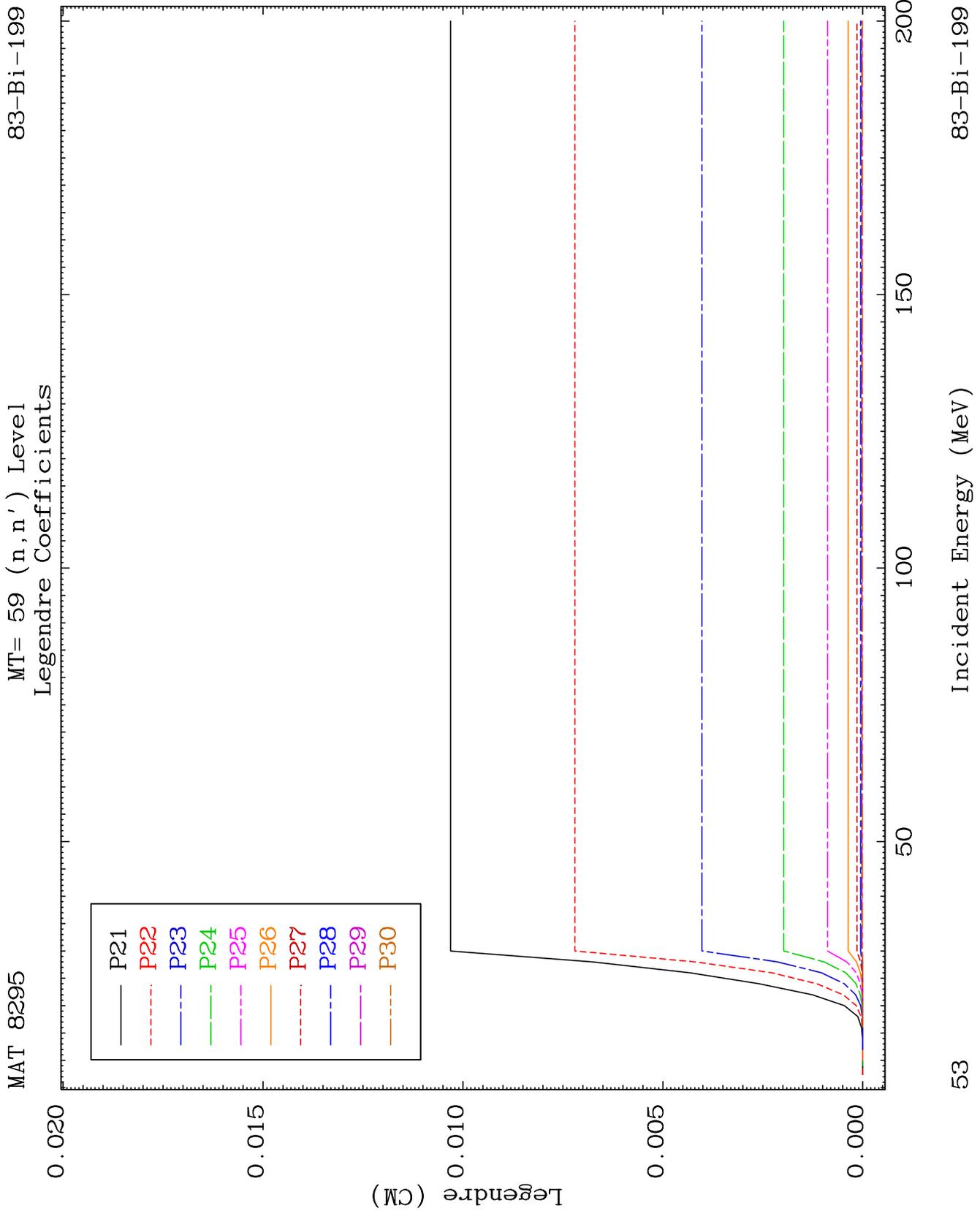
83-Bi-199



52

Incident Energy (MeV)

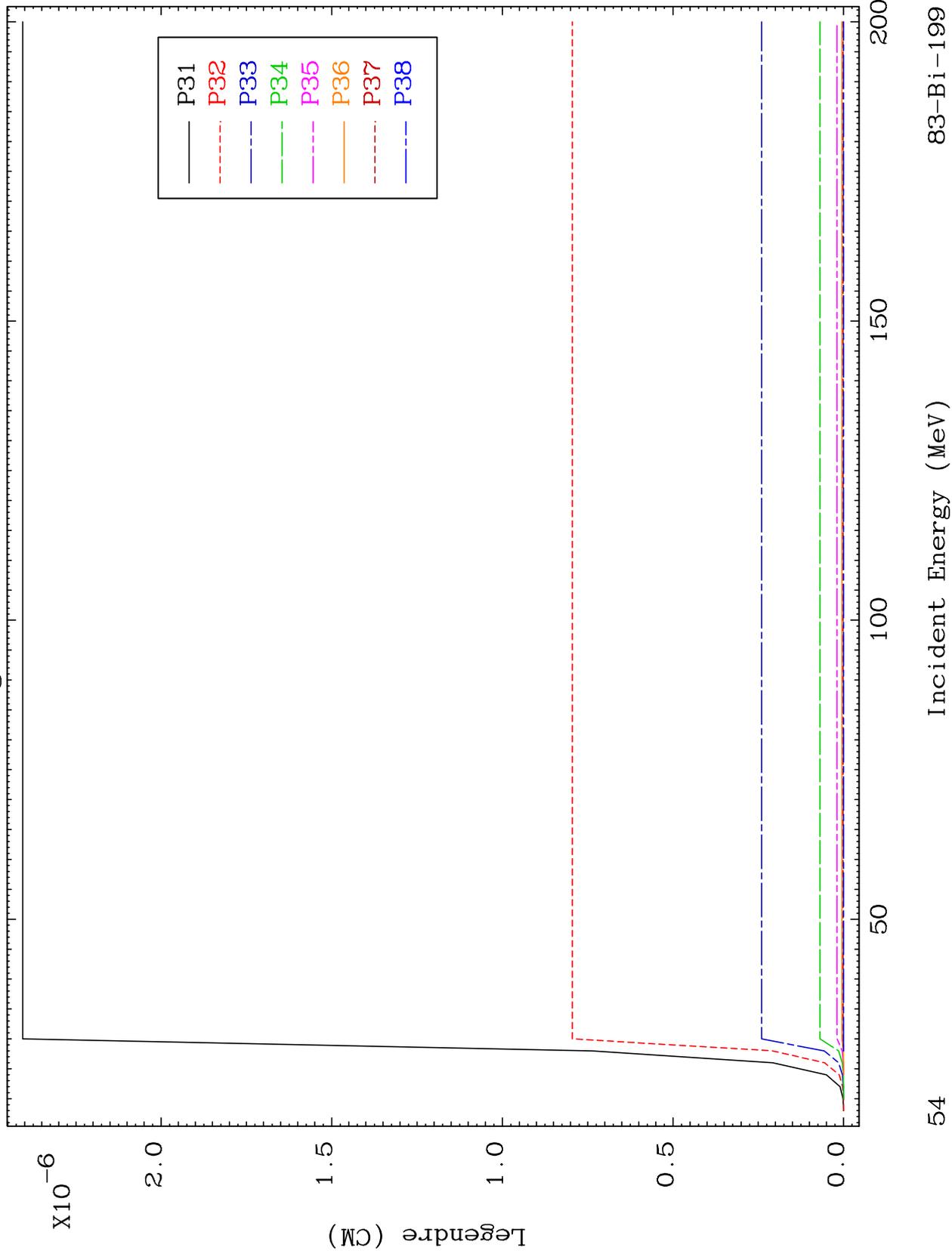
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MAT 8295

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

83-Bi-199



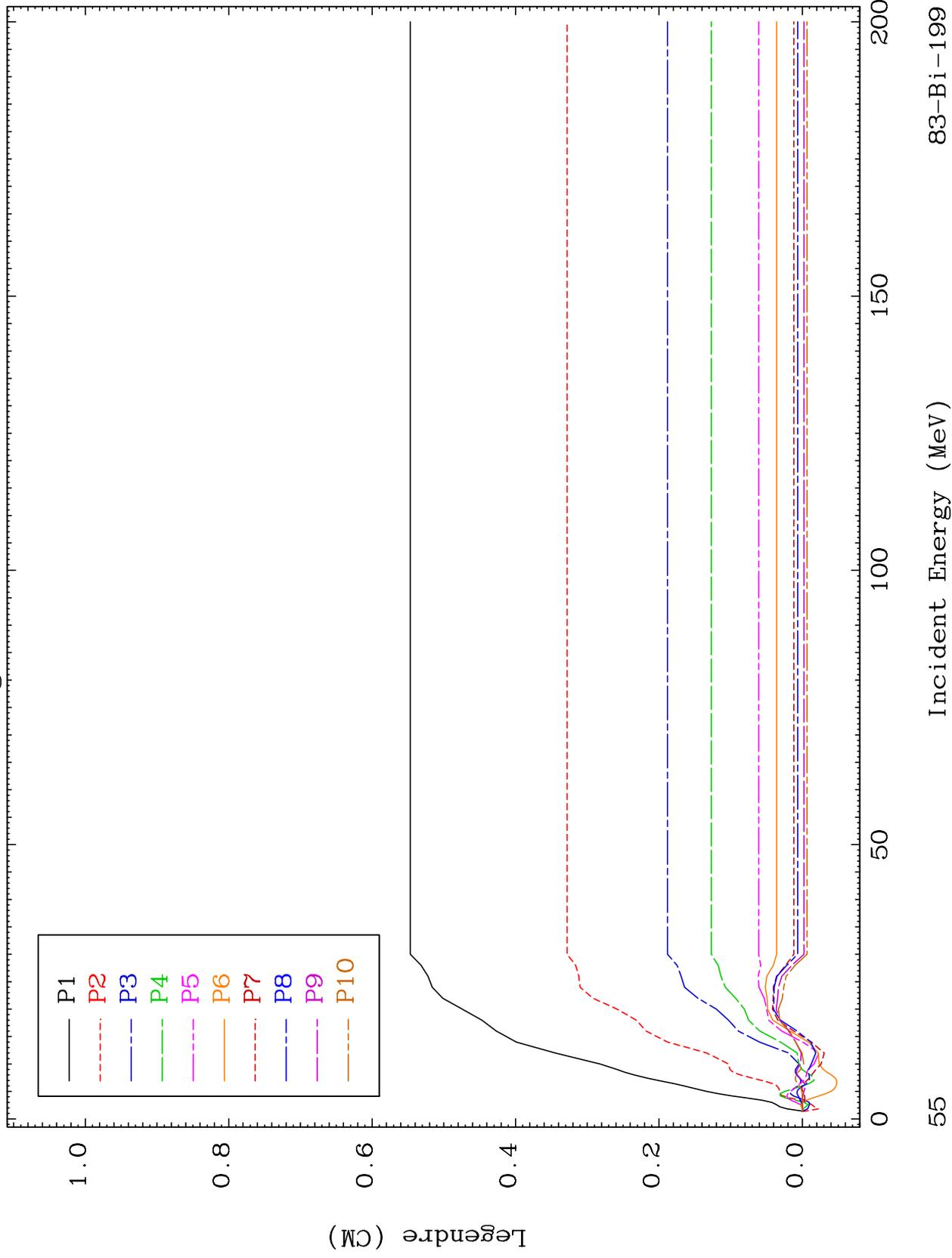
54

83-Bi-199

MAT 8295

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

83-Bi-199



83-Bi-199

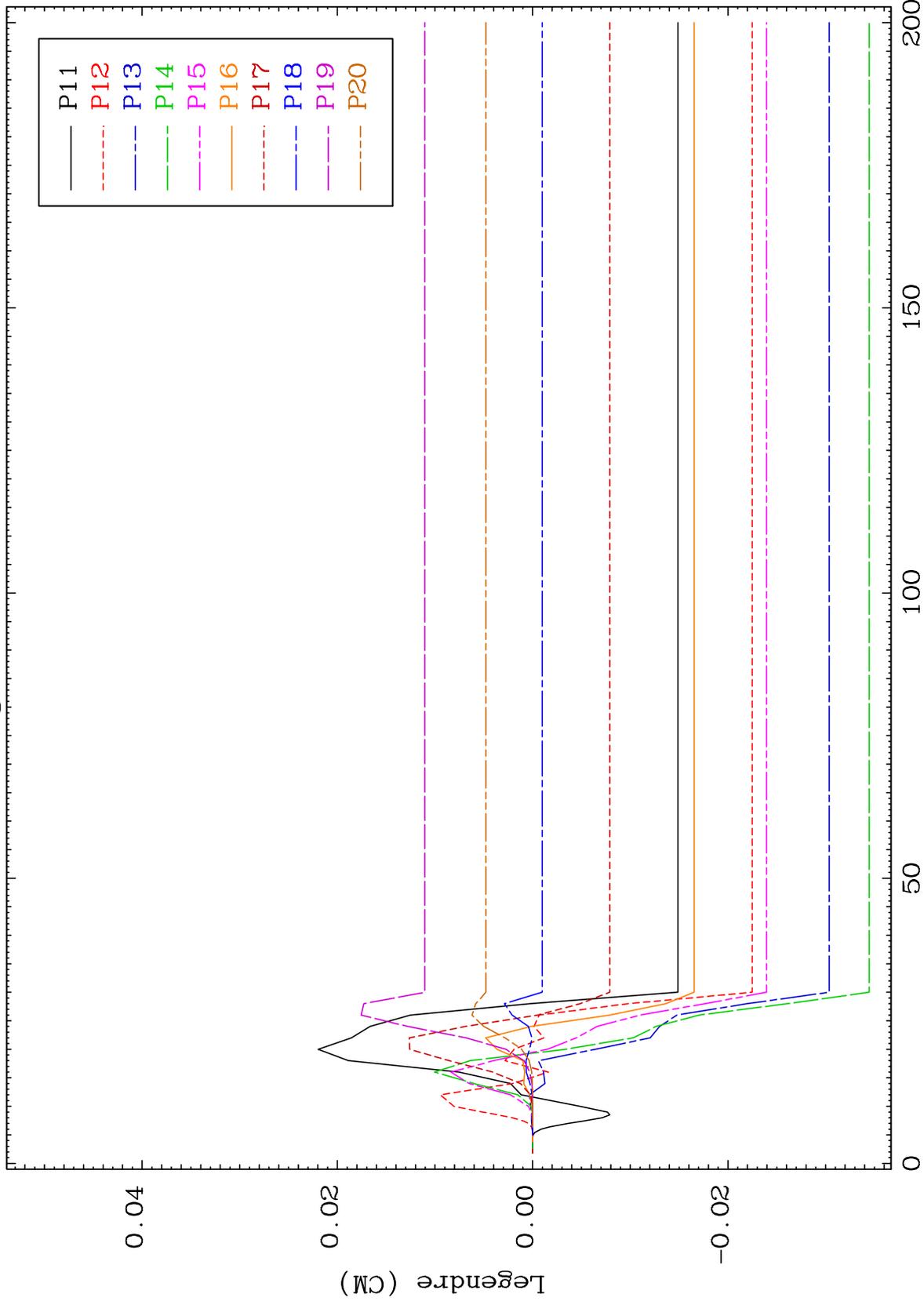
Incident Energy (MeV)

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MAT 8295

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

83-Bi-199



56

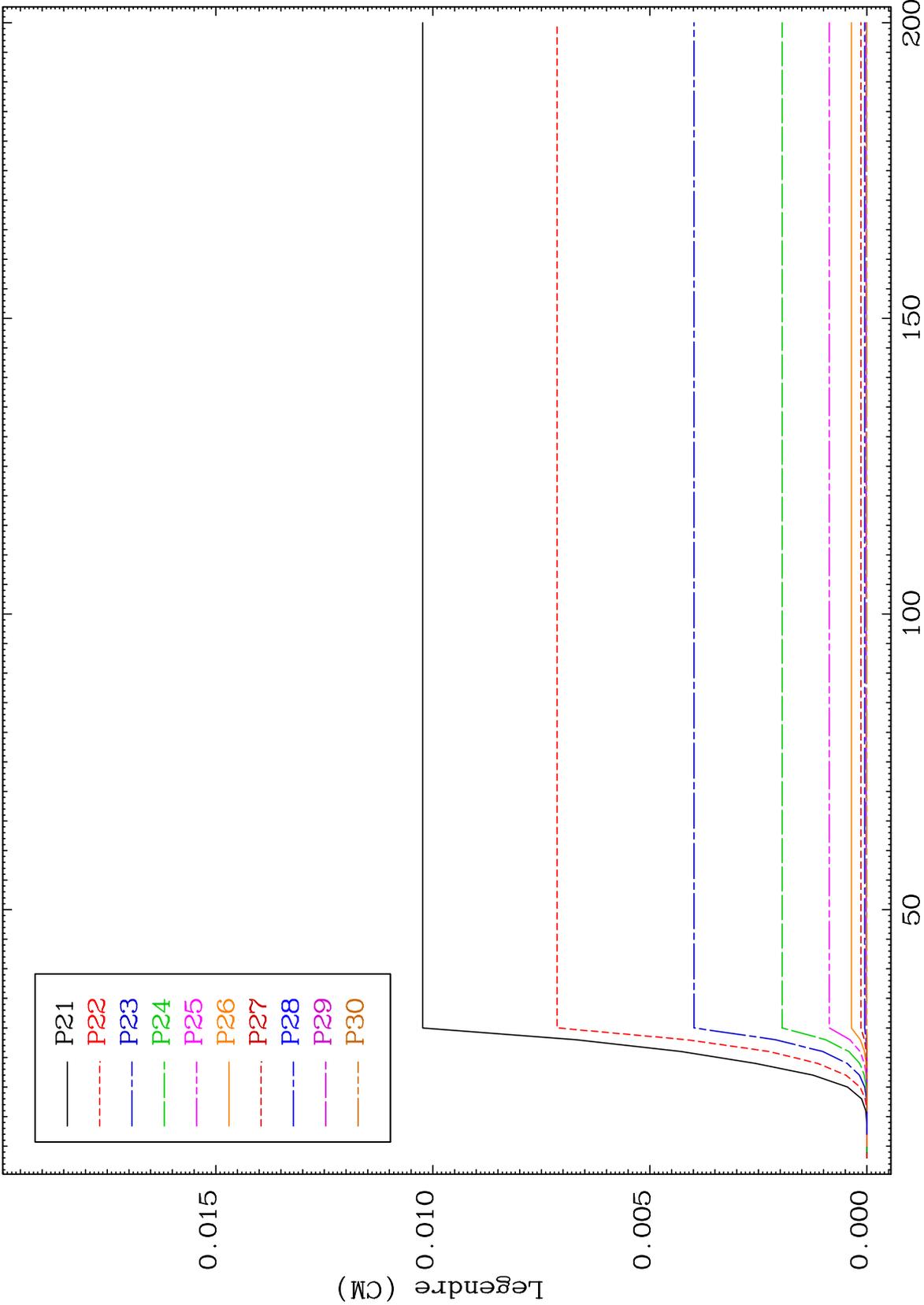
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



57

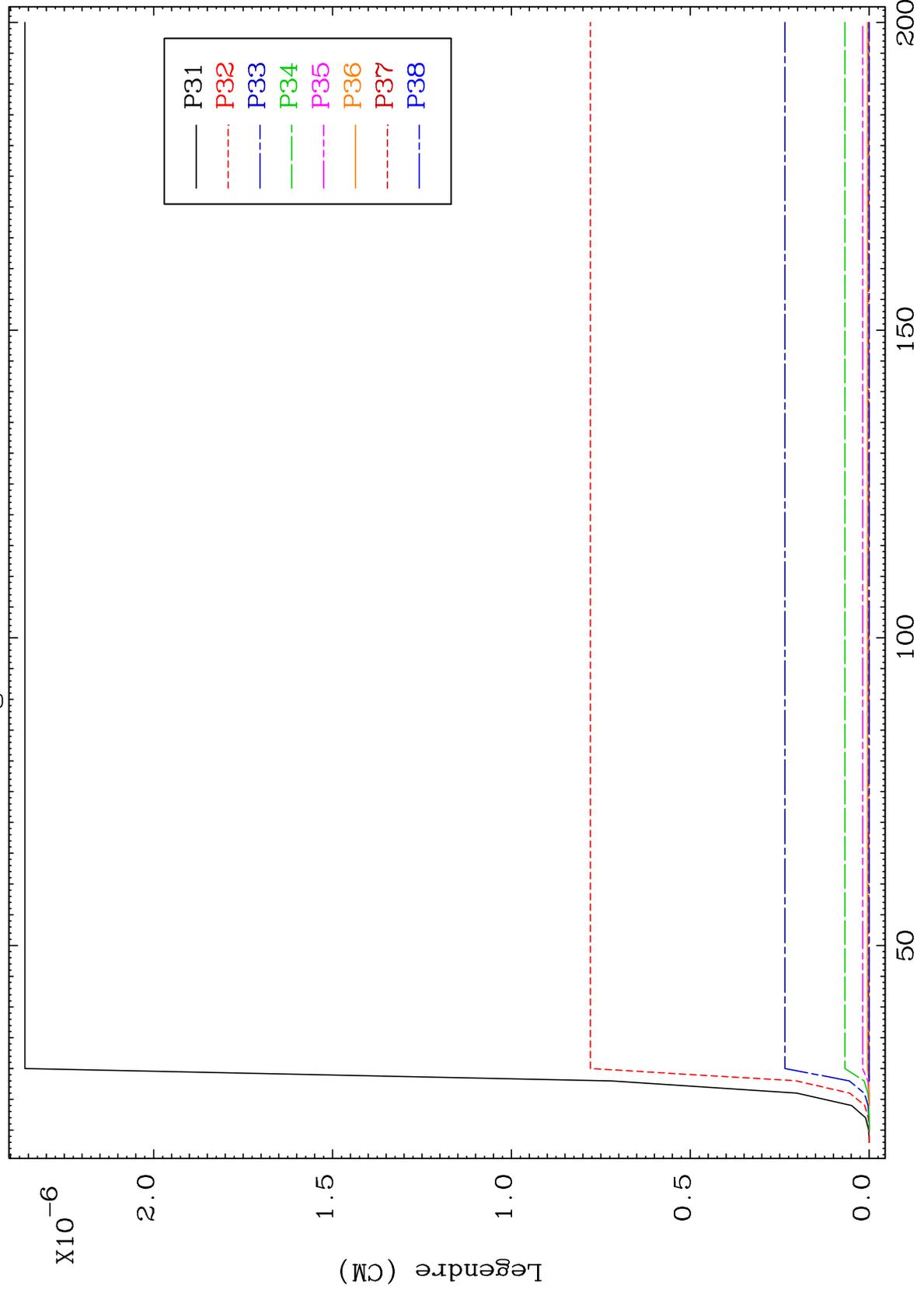
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

83-Bi-199



58

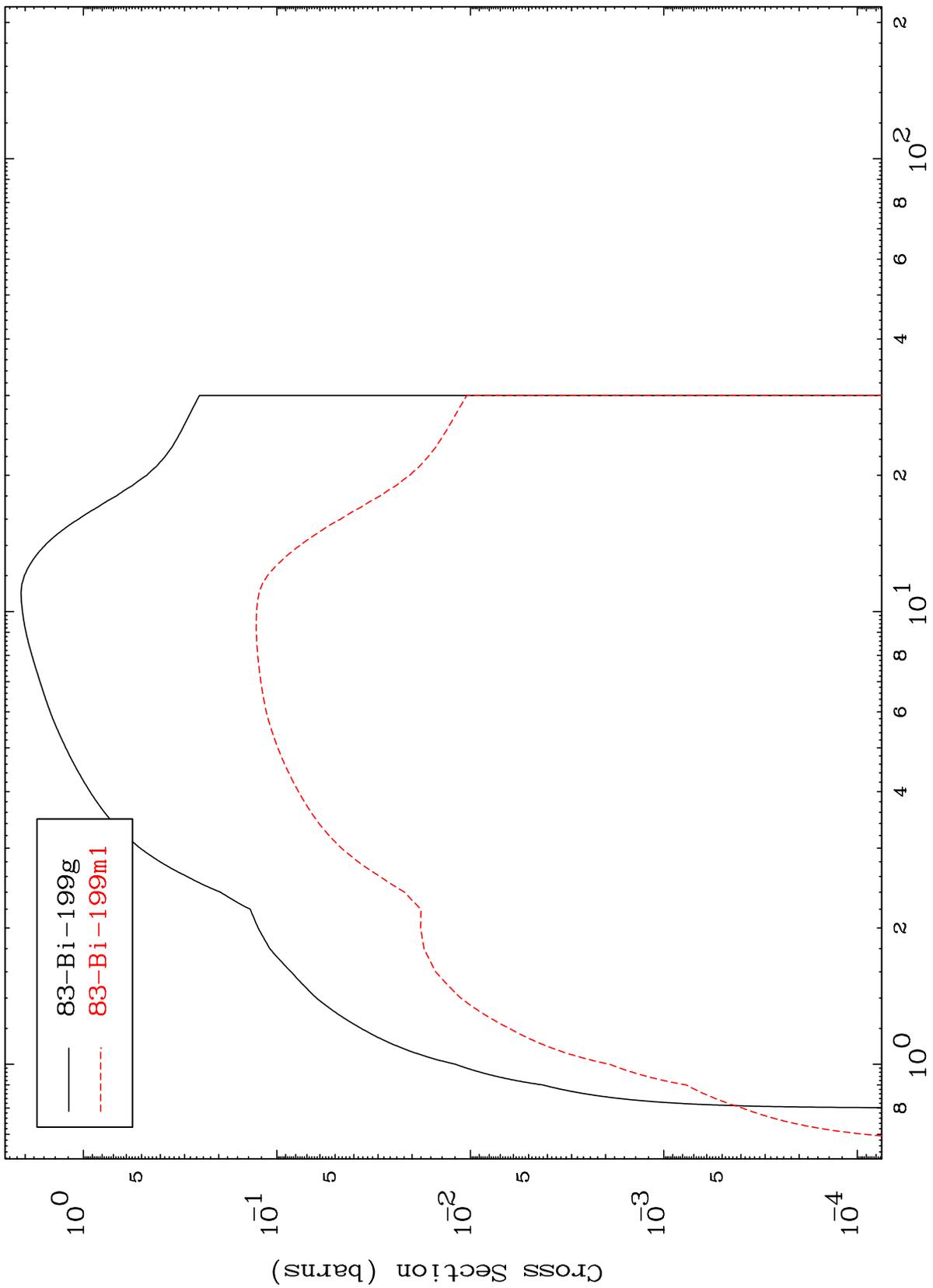
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

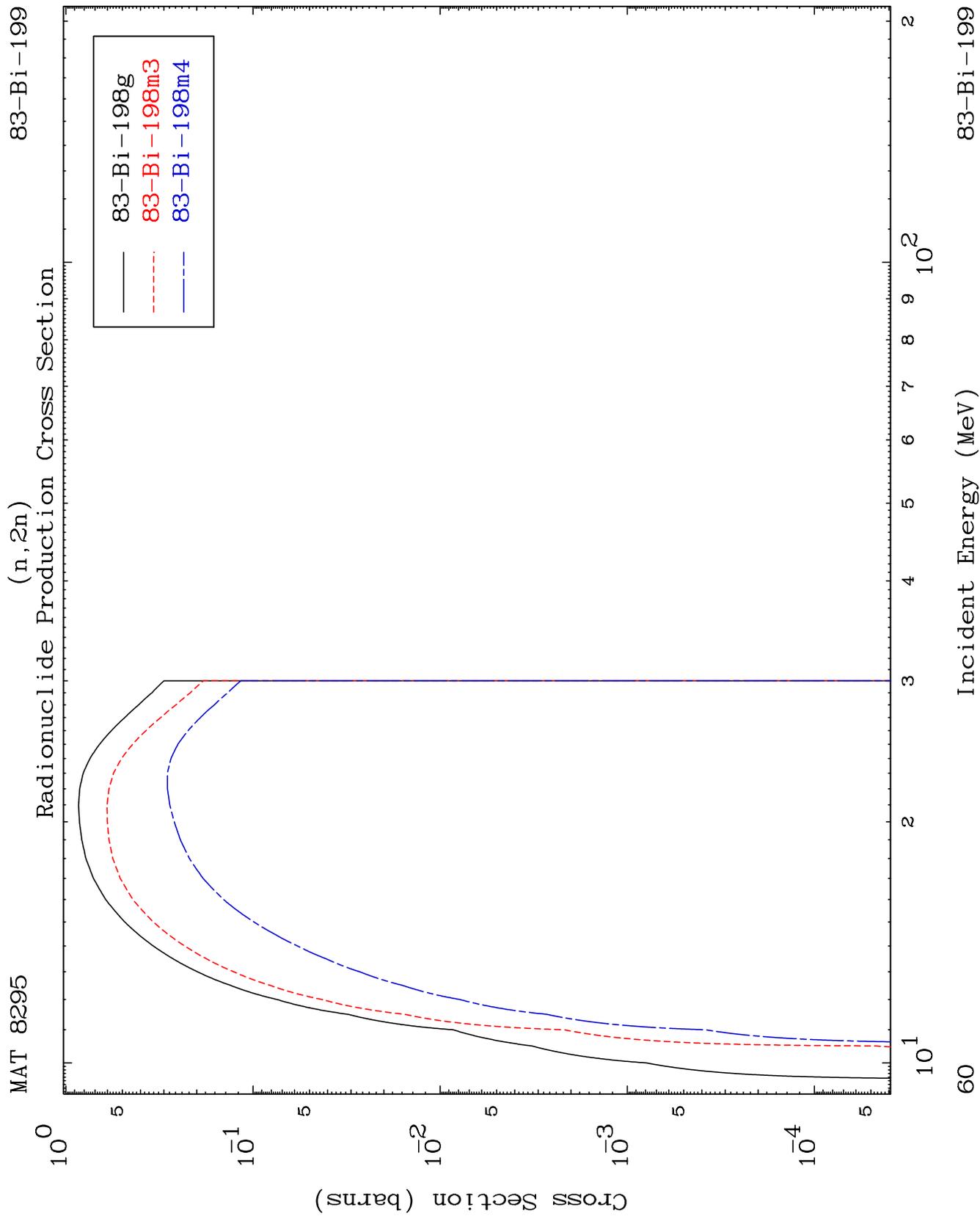
Radionuclide Production Cross Section



59

Incident Energy (MeV)

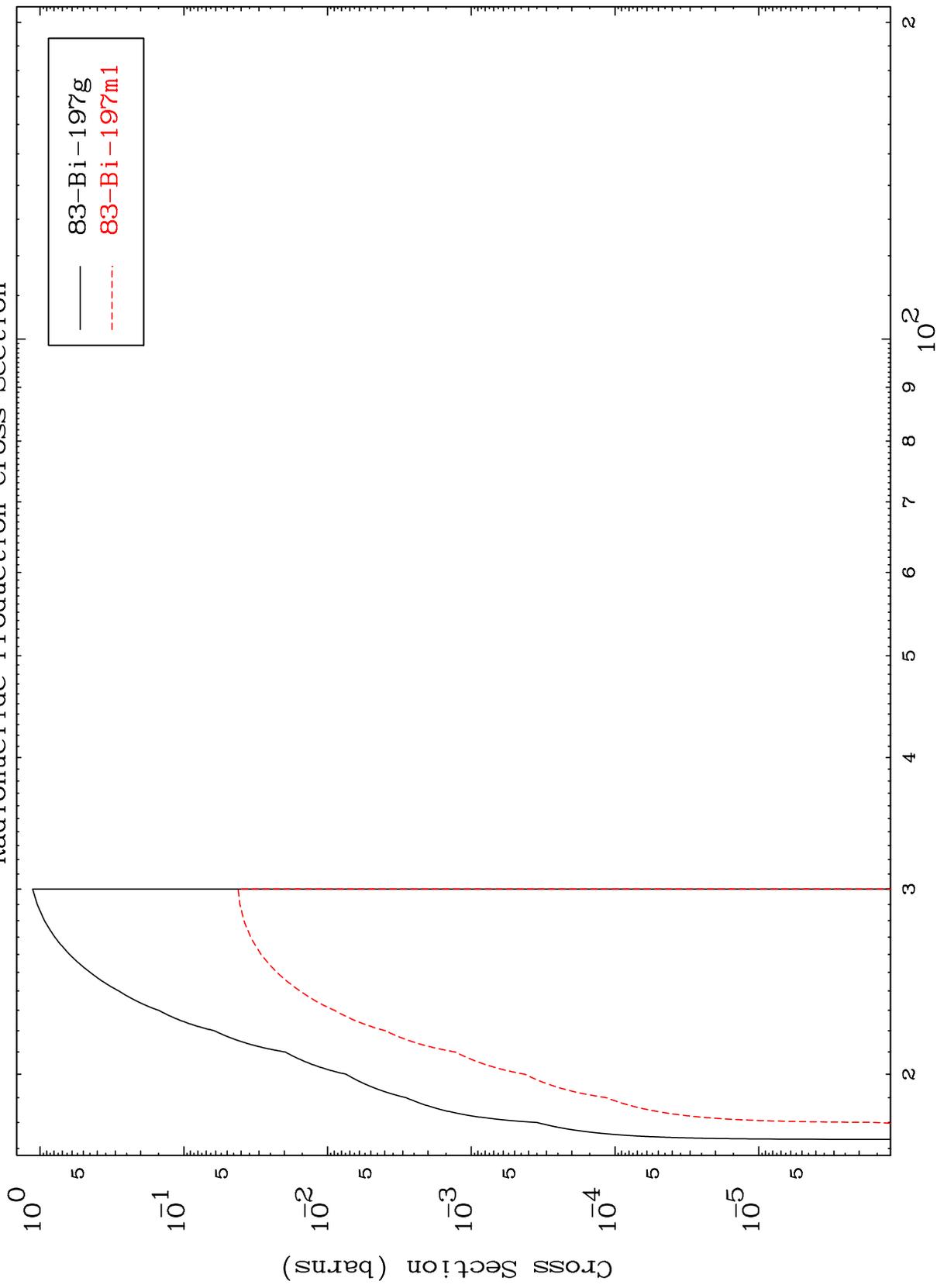
83-Bi-199



MAT 8295

83-Bi-199

(n,3n)
Radionuclide Production Cross Section



61

Incident Energy (MeV)

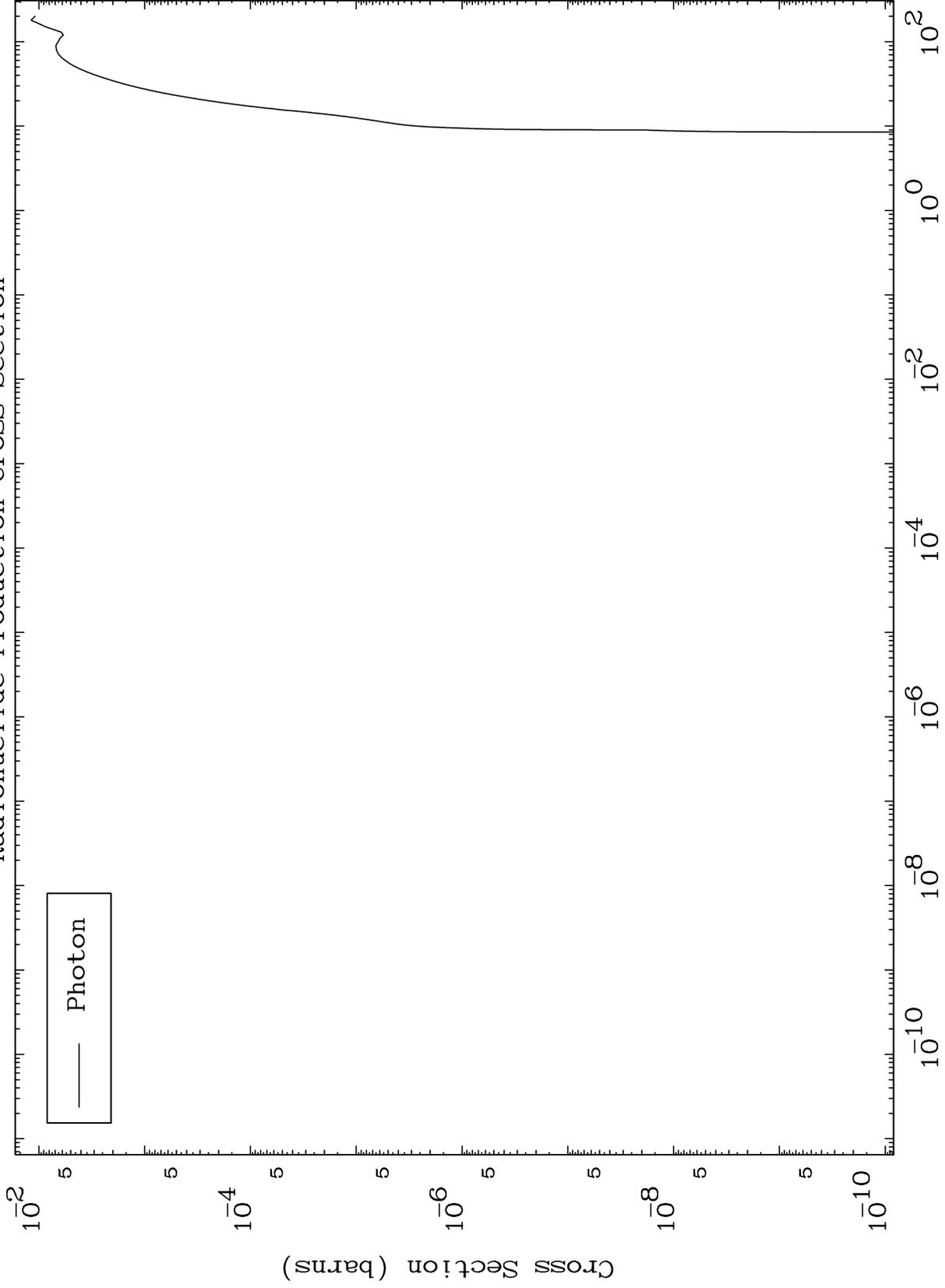
83-Bi-199

MAT 8295

Fission

83-Bi-199

Radionuclide Production Cross Section



62

Incident Energy (MeV)

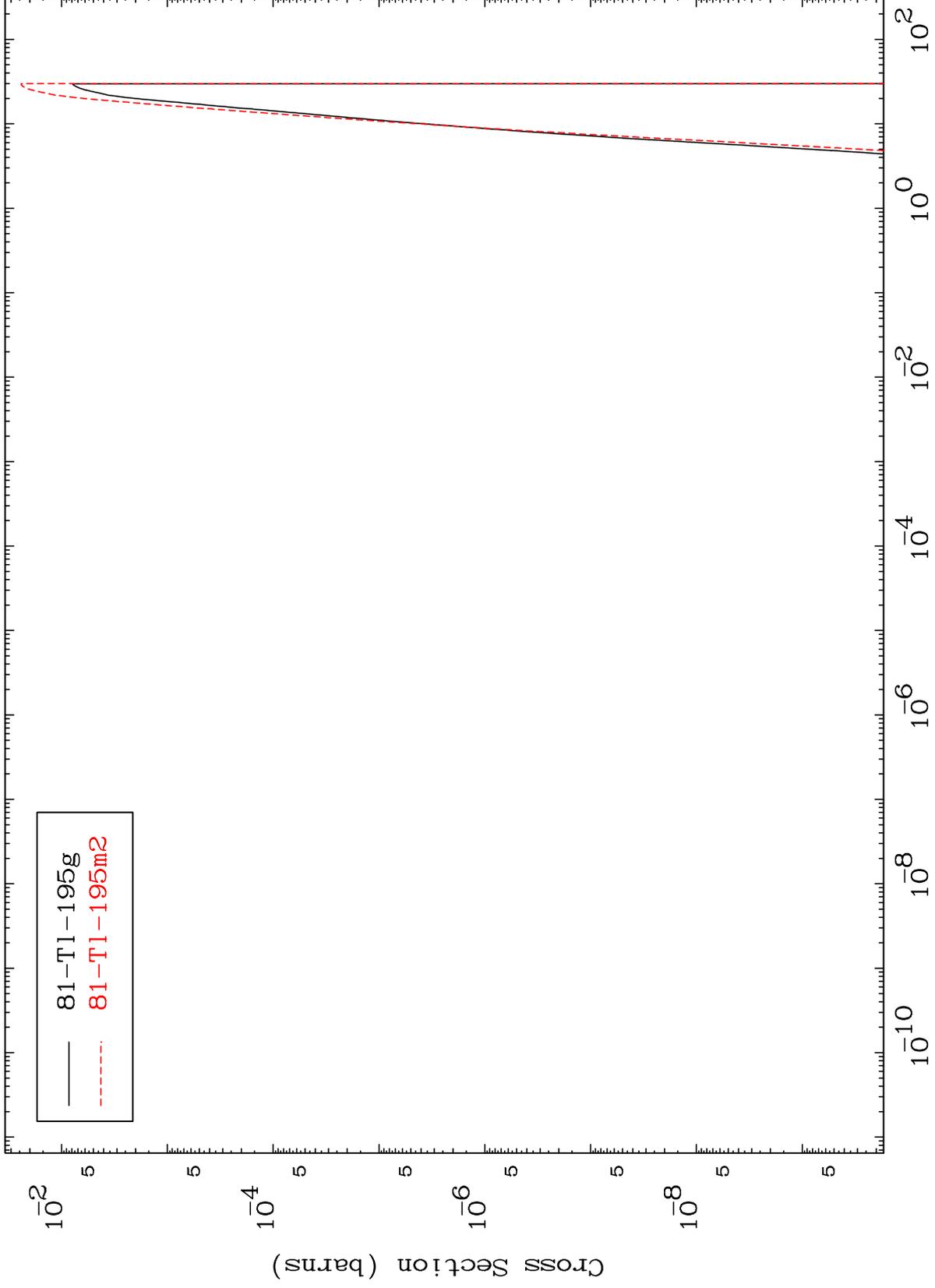
83-Bi-199

MAT 8295

$(n, n') \alpha$

83-Bi-199

Radionuclide Production Cross Section



63

Incident Energy (MeV)

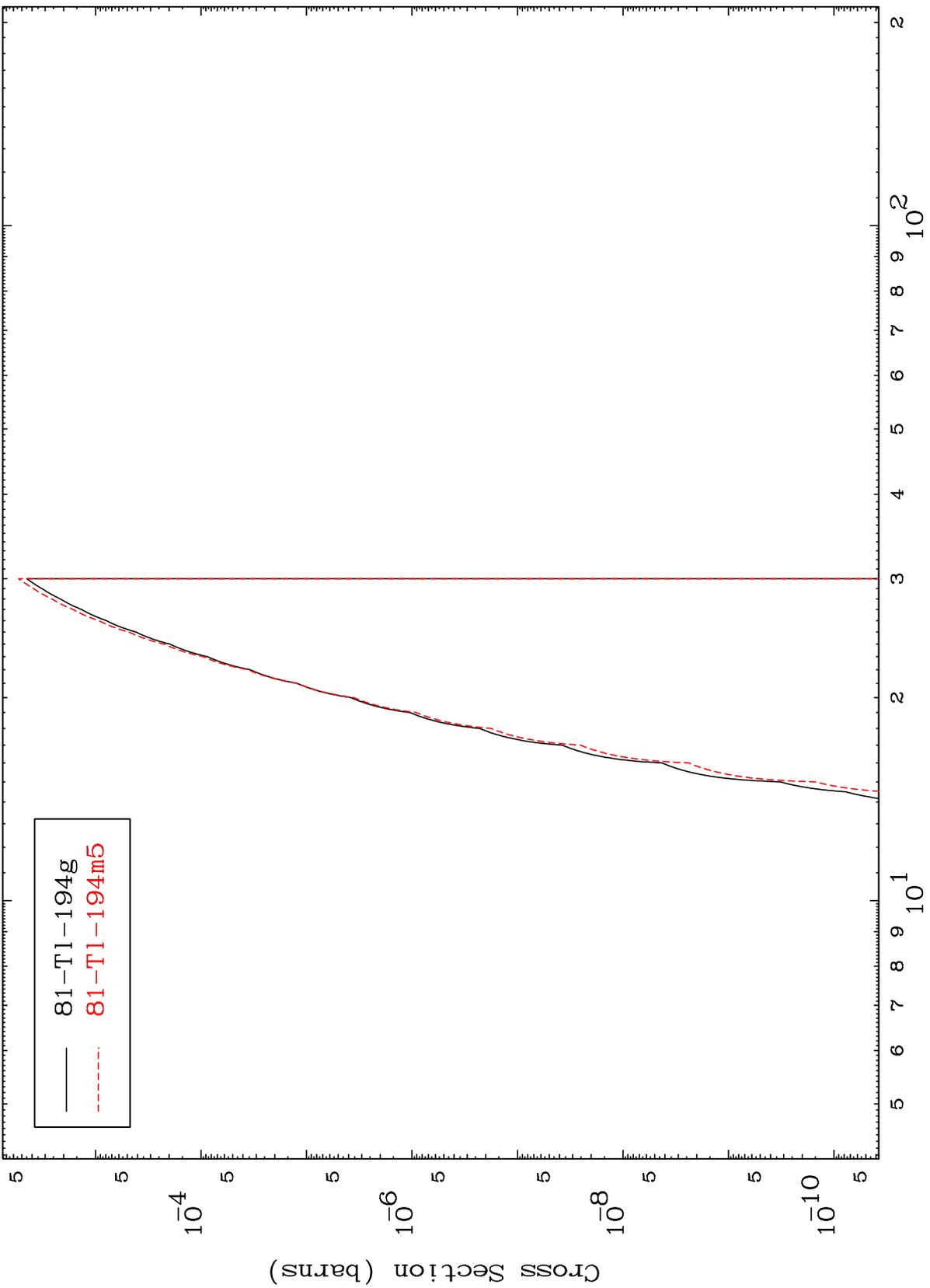
83-Bi-199

MAT 8295

$(n,2n) \alpha$

83-Bi-199

Radionuclide Production Cross Section



81-Tl-194g
81-Tl-194m5

64

Incident Energy (MeV)

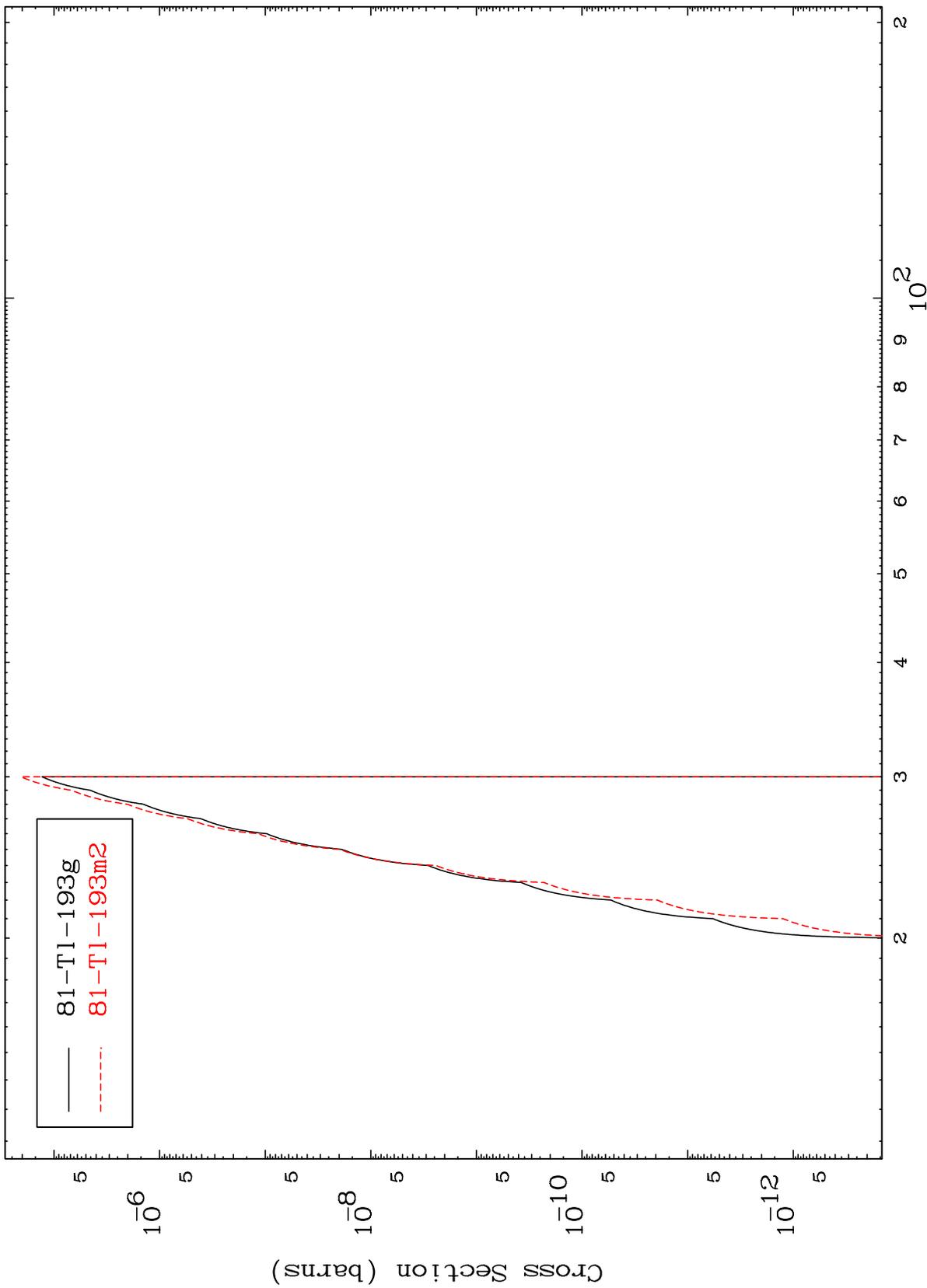
83-Bi-199

MAT 8295

(n,3n) α

83-Bi-199

Radionuclide Production Cross Section



65

Incident Energy (MeV)

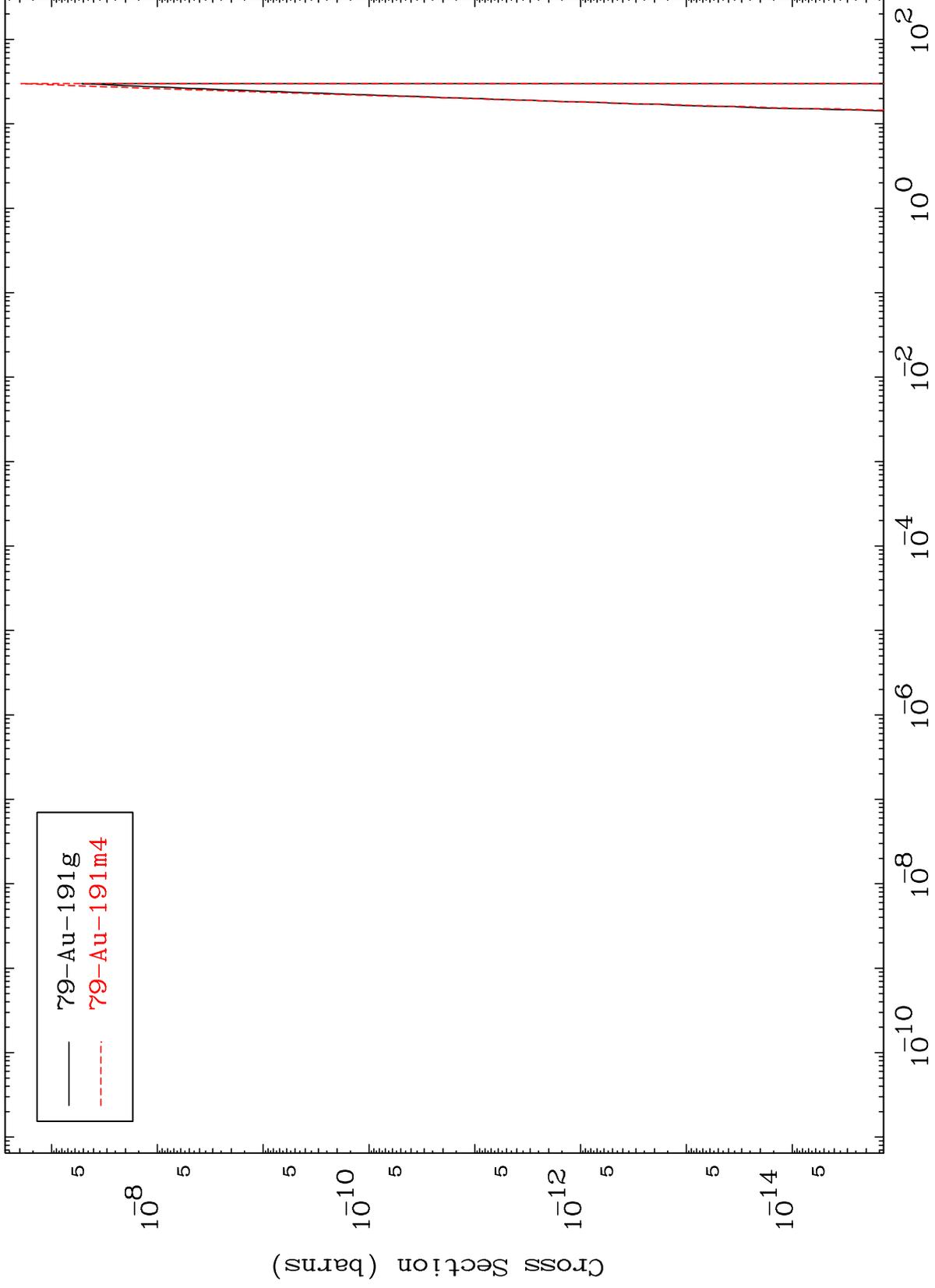
83-Bi-199

MAT 8295

(n,n') 2 α

83-Bi-199

Radionuclide Production Cross Section



66

Incident Energy (MeV)

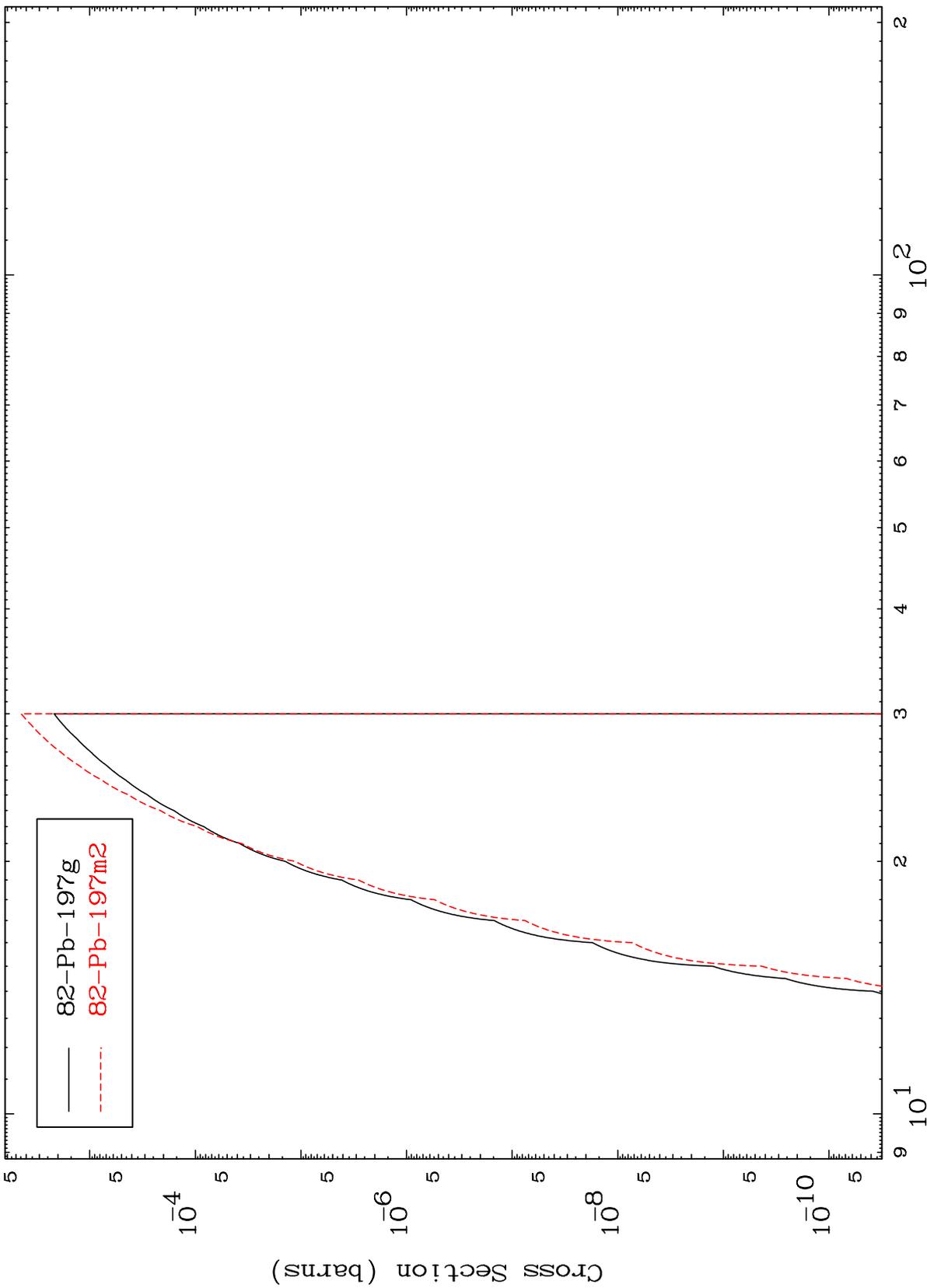
83-Bi-199

MAT 8295

(n,n') d

83-Bi-199

Radionuclide Production Cross Section



67

Incident Energy (MeV)

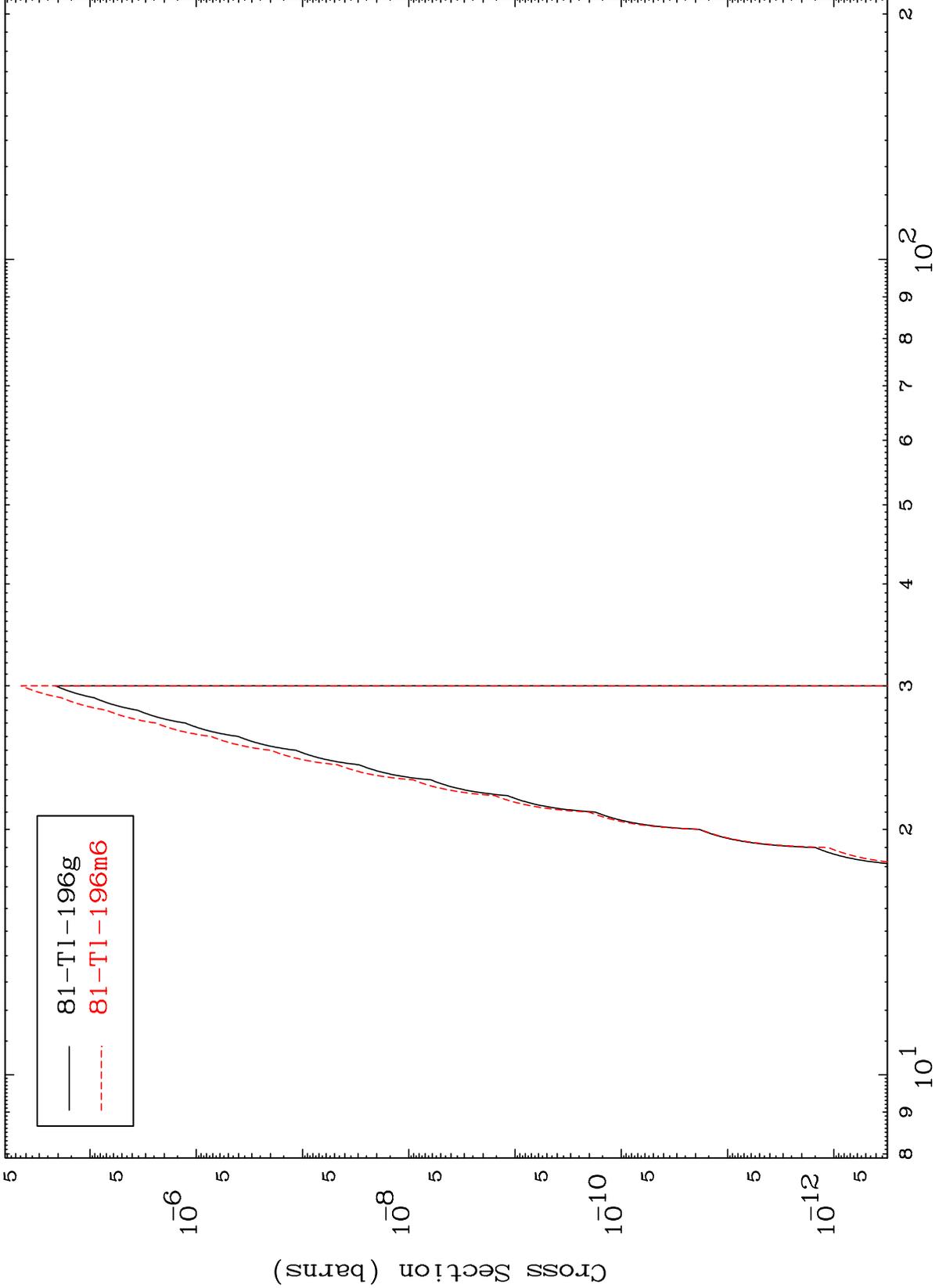
83-Bi-199

MAT 8295

(n,n') He-3

83-Bi-199

Radionuclide Production Cross Section



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

68

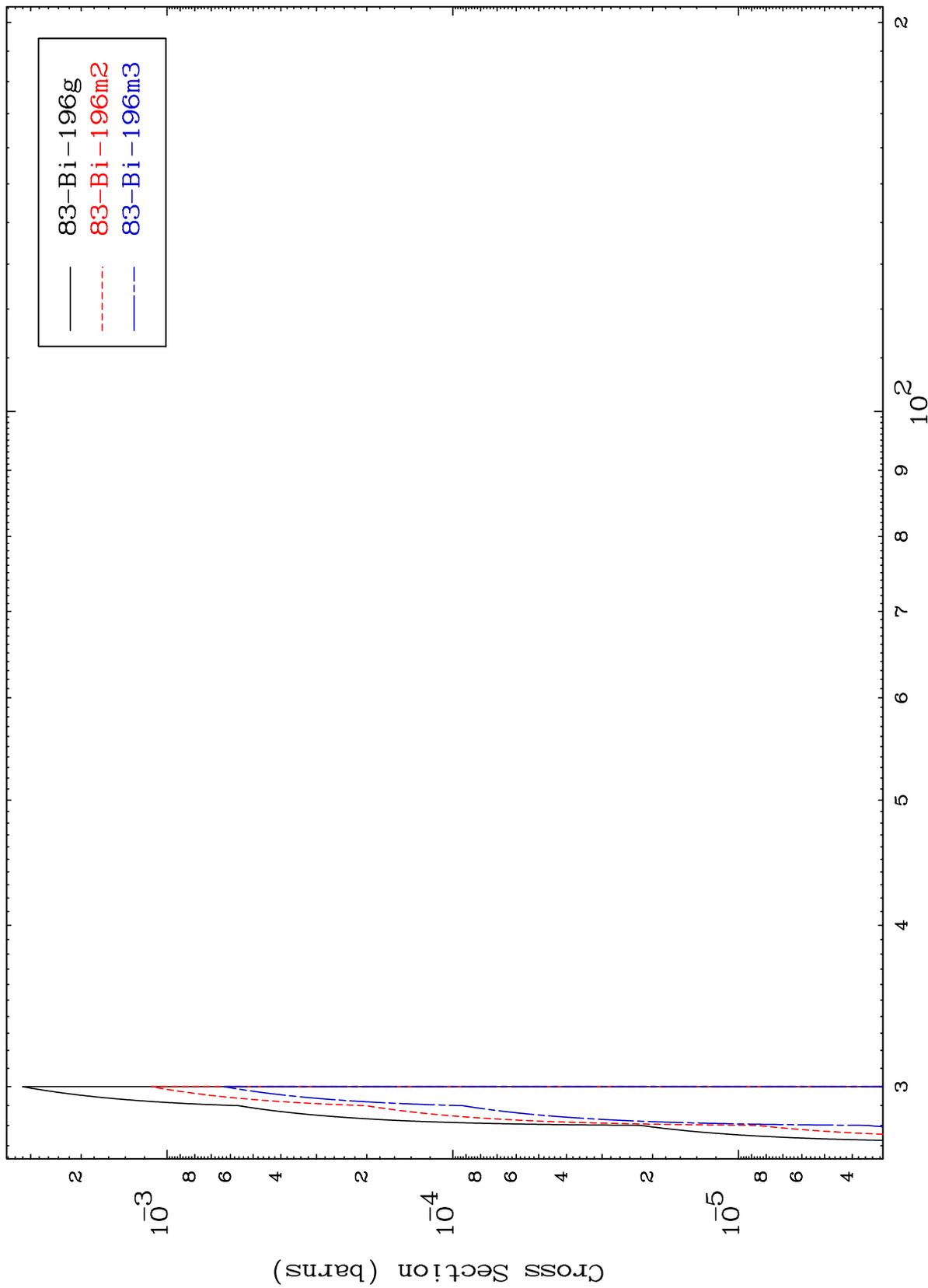
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

(n,4n)
Radionuclide Production Cross Section



69

83-Bi-199

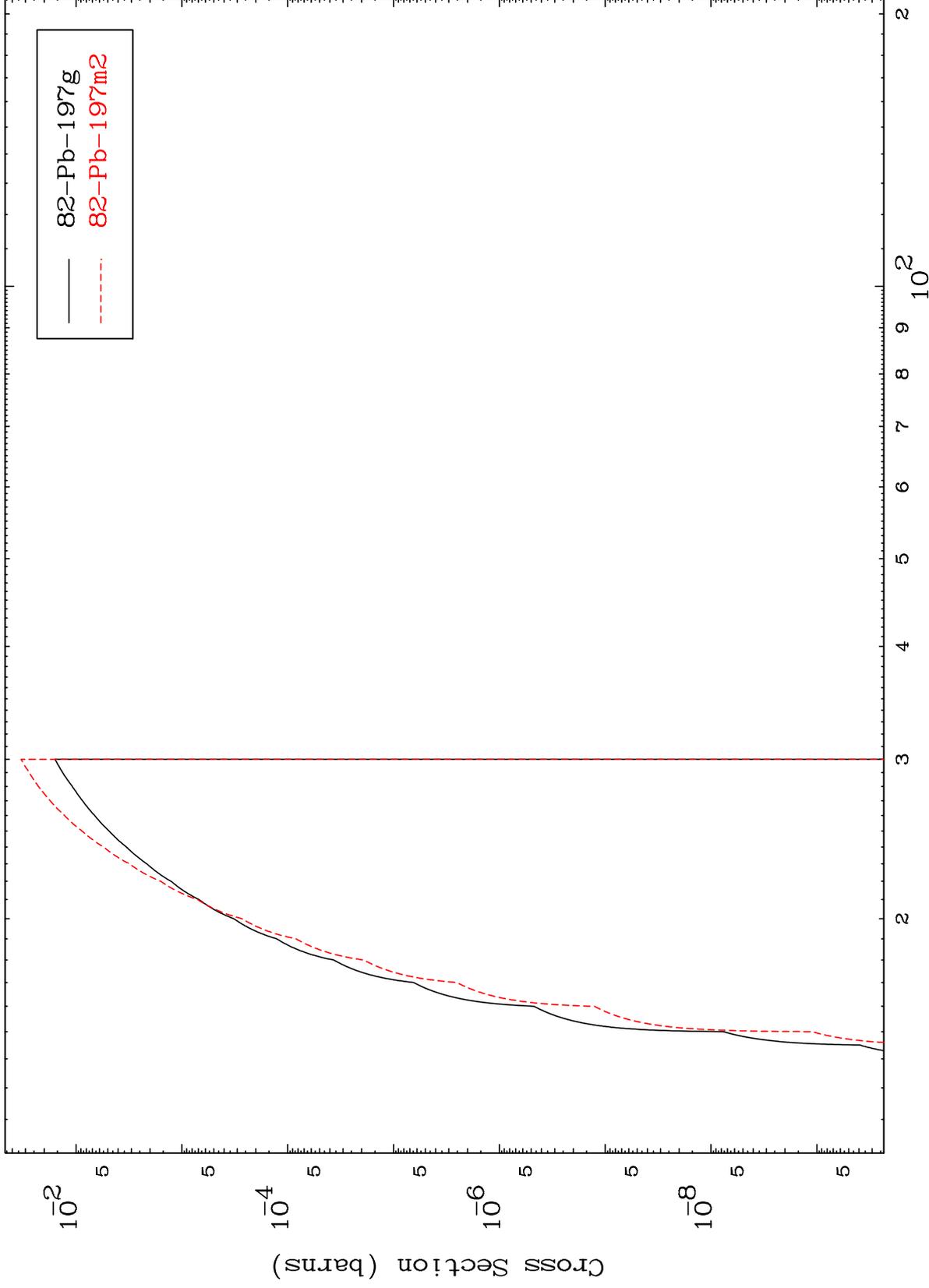
Incident Energy (MeV)

MAT 8295

(n,2n) p

83-Bi-199

Radionuclide Production Cross Section



70

Incident Energy (MeV)

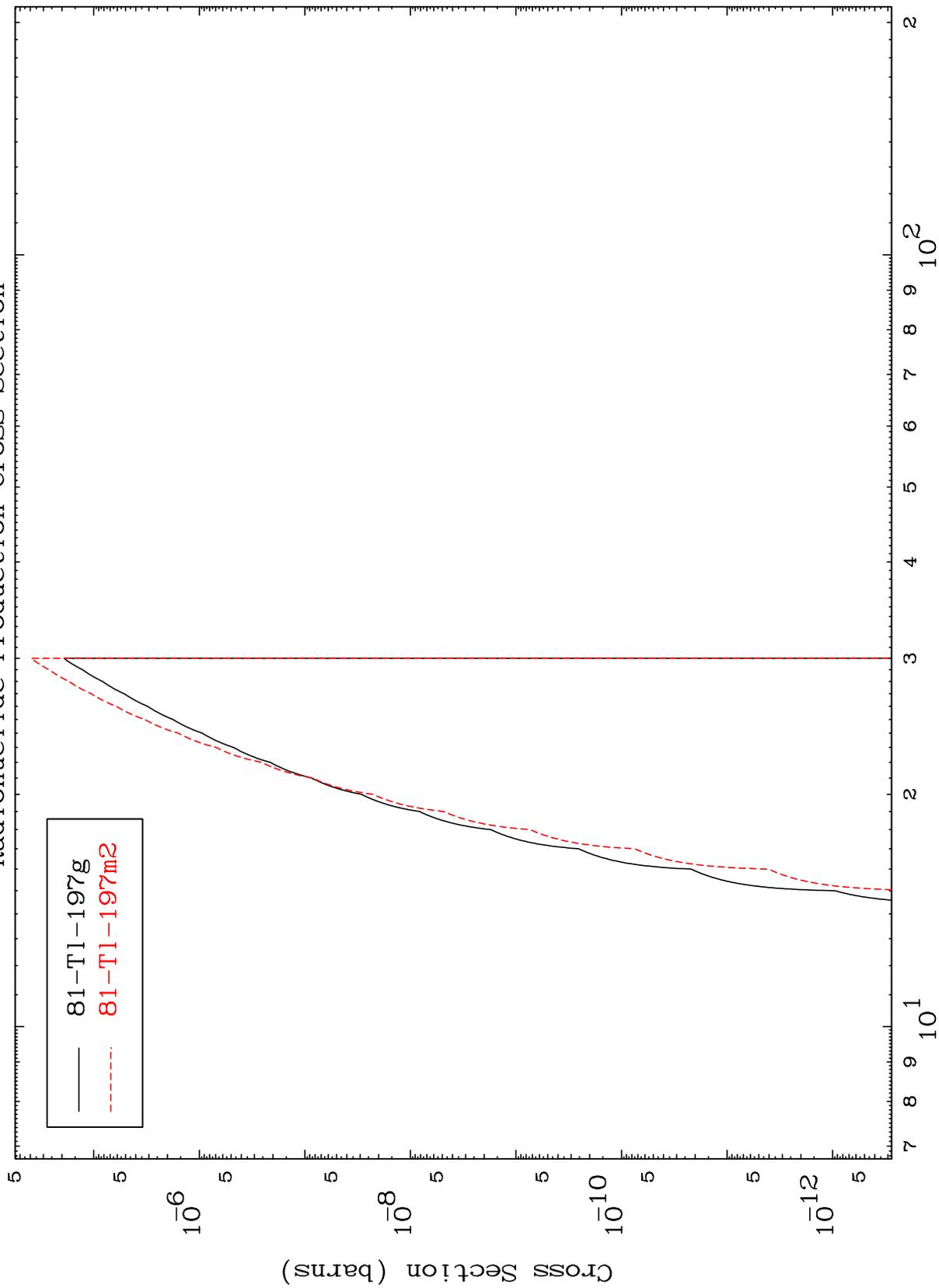
83-Bi-199

MAT 8295

(n,2n) p

83-Bi-199

Radionuclide Production Cross Section



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

71

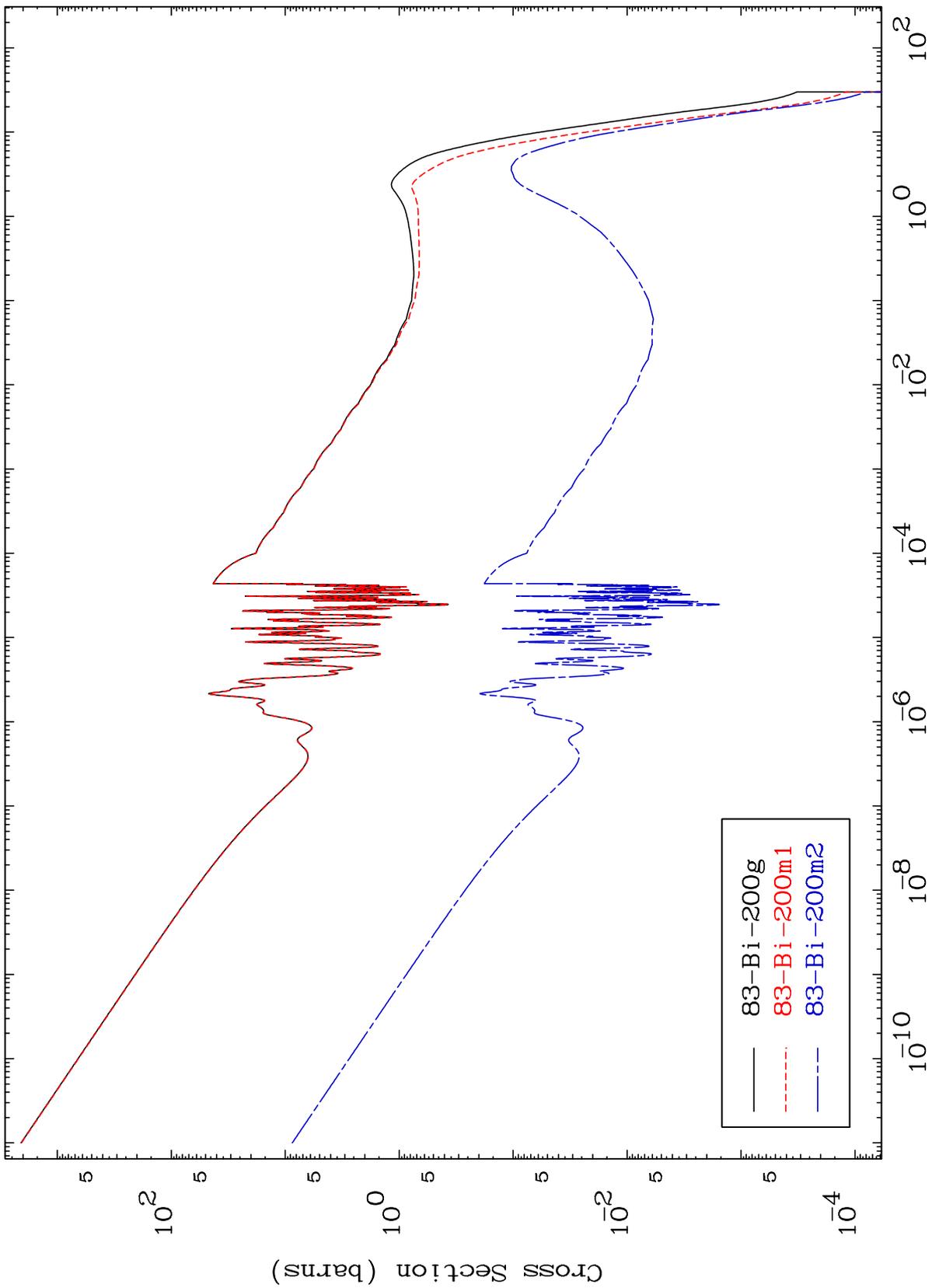
Incident Energy (MeV)

83-Bi-199

MAT 8295

$^{83}\text{Bi}-199$

(n,γ) Radionuclide Production Cross Section



72

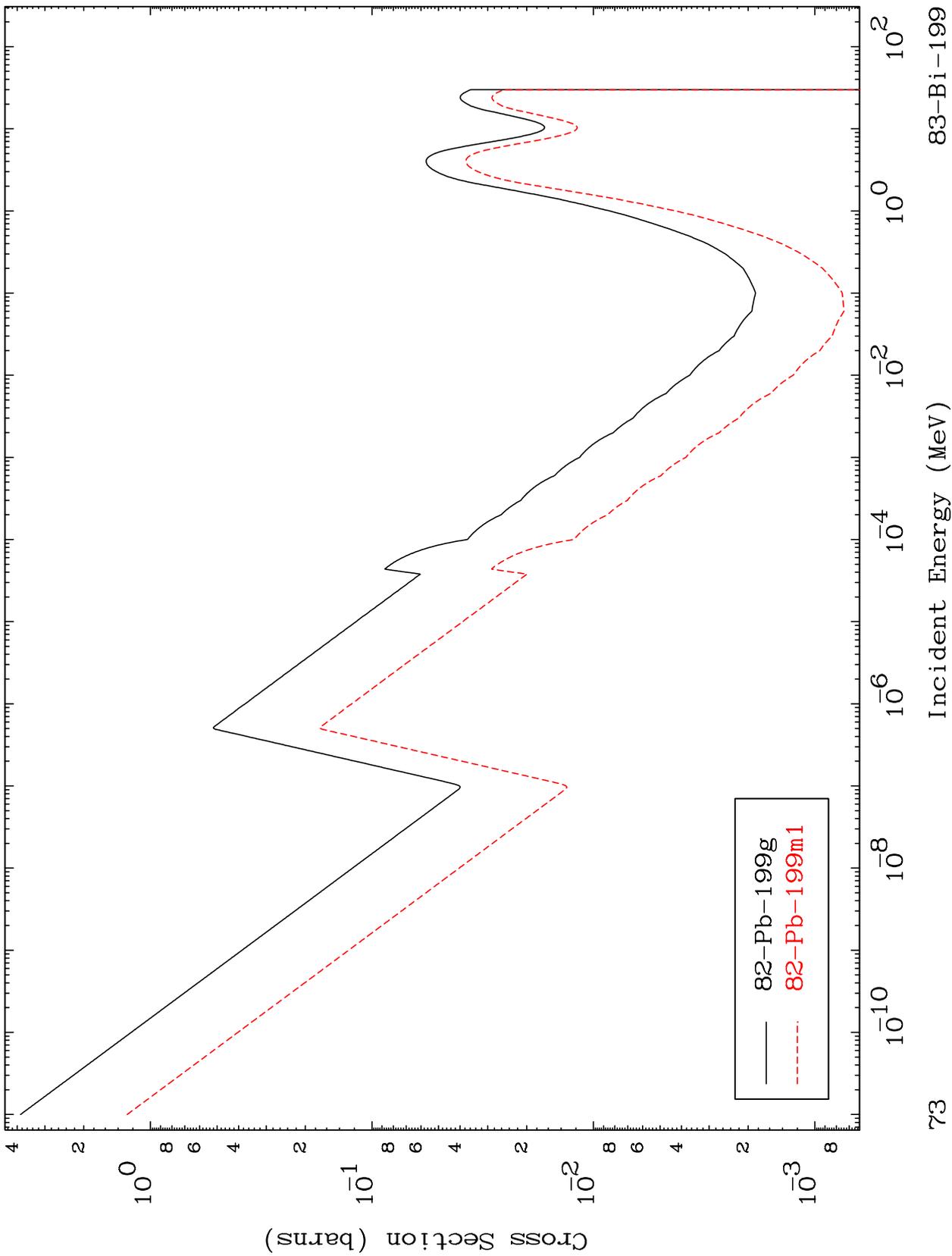
$^{83}\text{Bi}-199$

Incident Energy (MeV)

MAT 8295

83-Bi-199

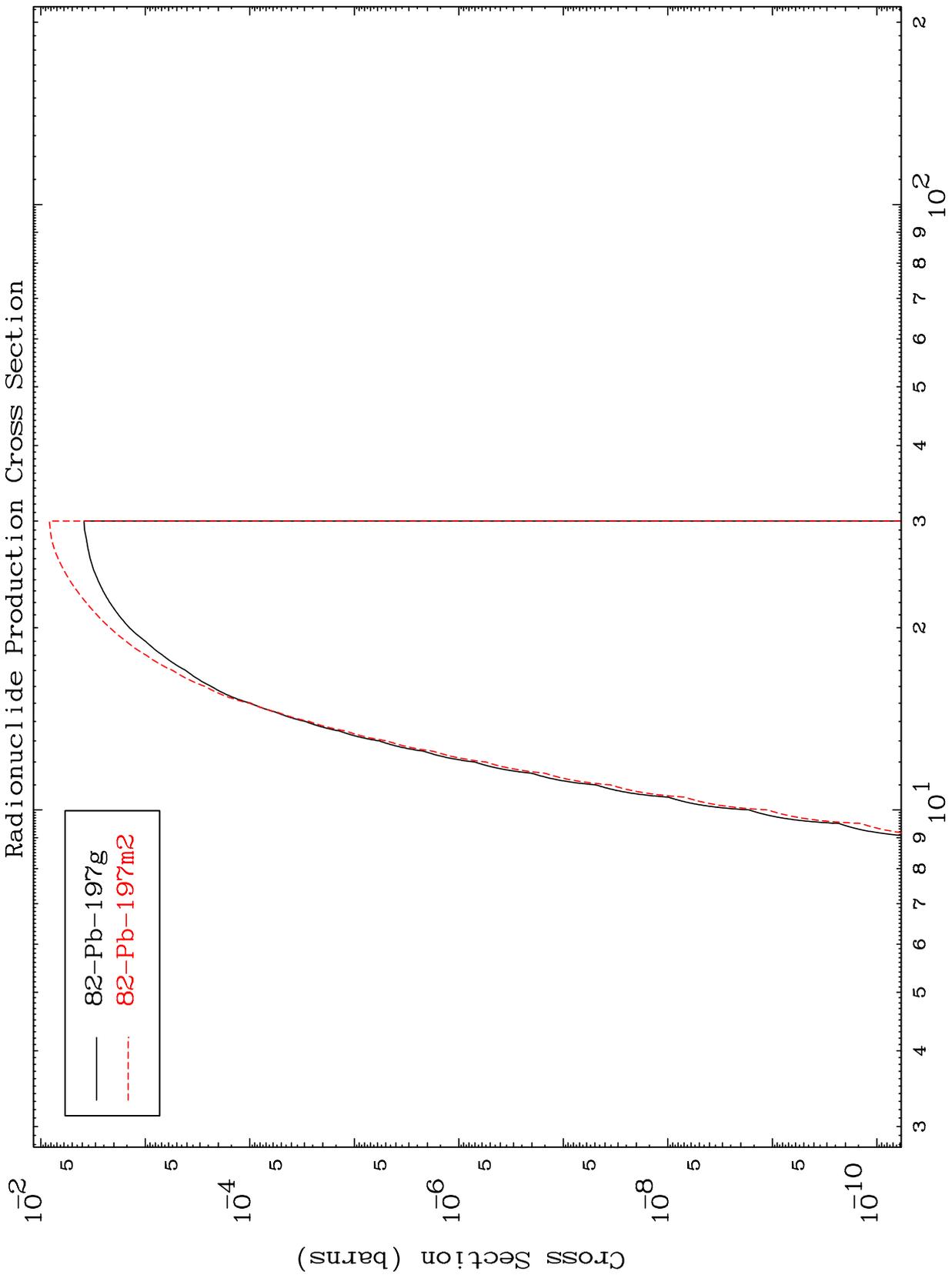
(n,p)
Radionuclide Production Cross Section



MAT 8295

83-Bi-199

Radionuclide Production Cross Section
(n, t)



74

Incident Energy (MeV)

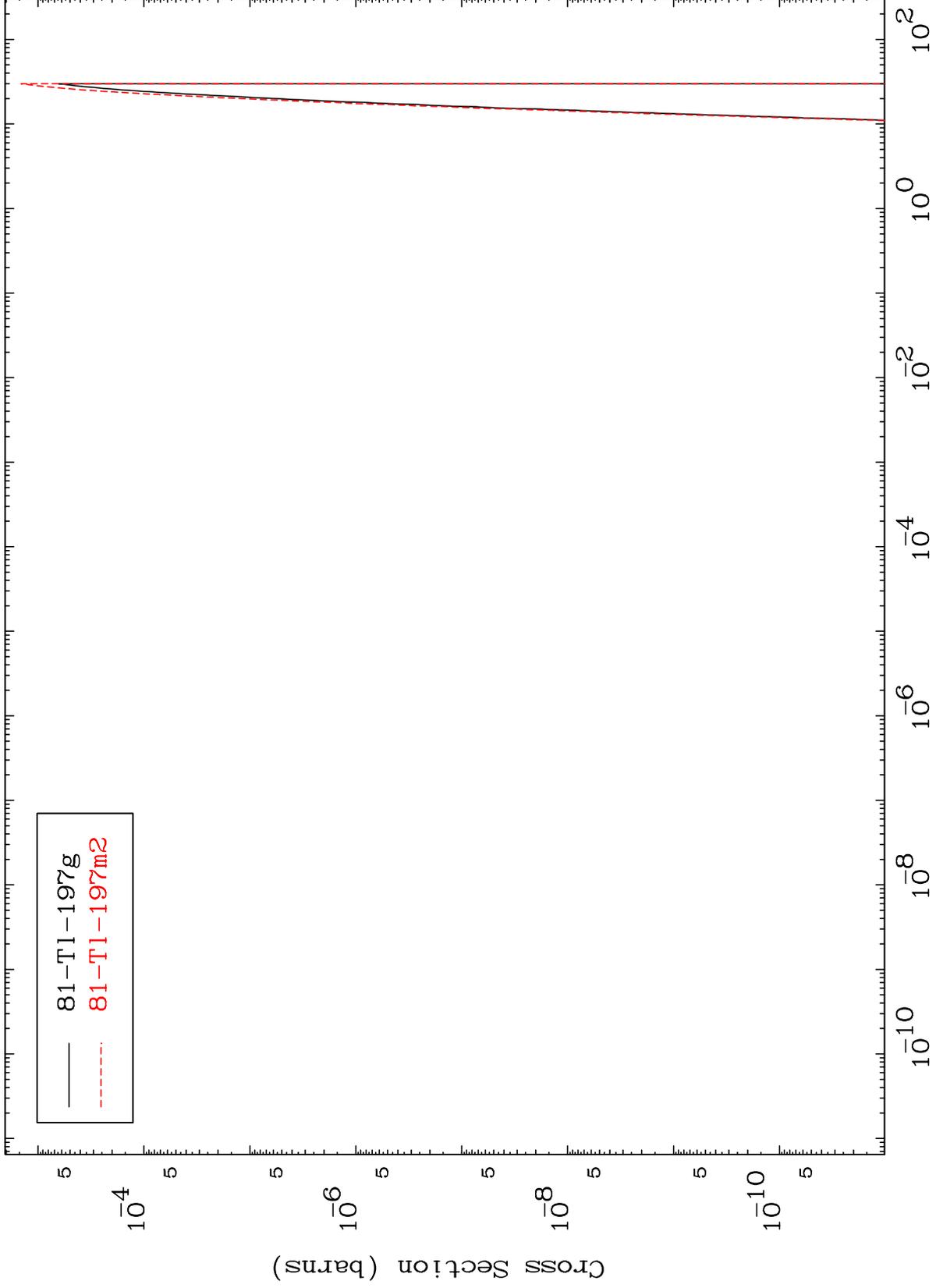
83-Bi-199

MAT 8295

(n,He-3)

83-Bi-199

Radionuclide Production Cross Section



75

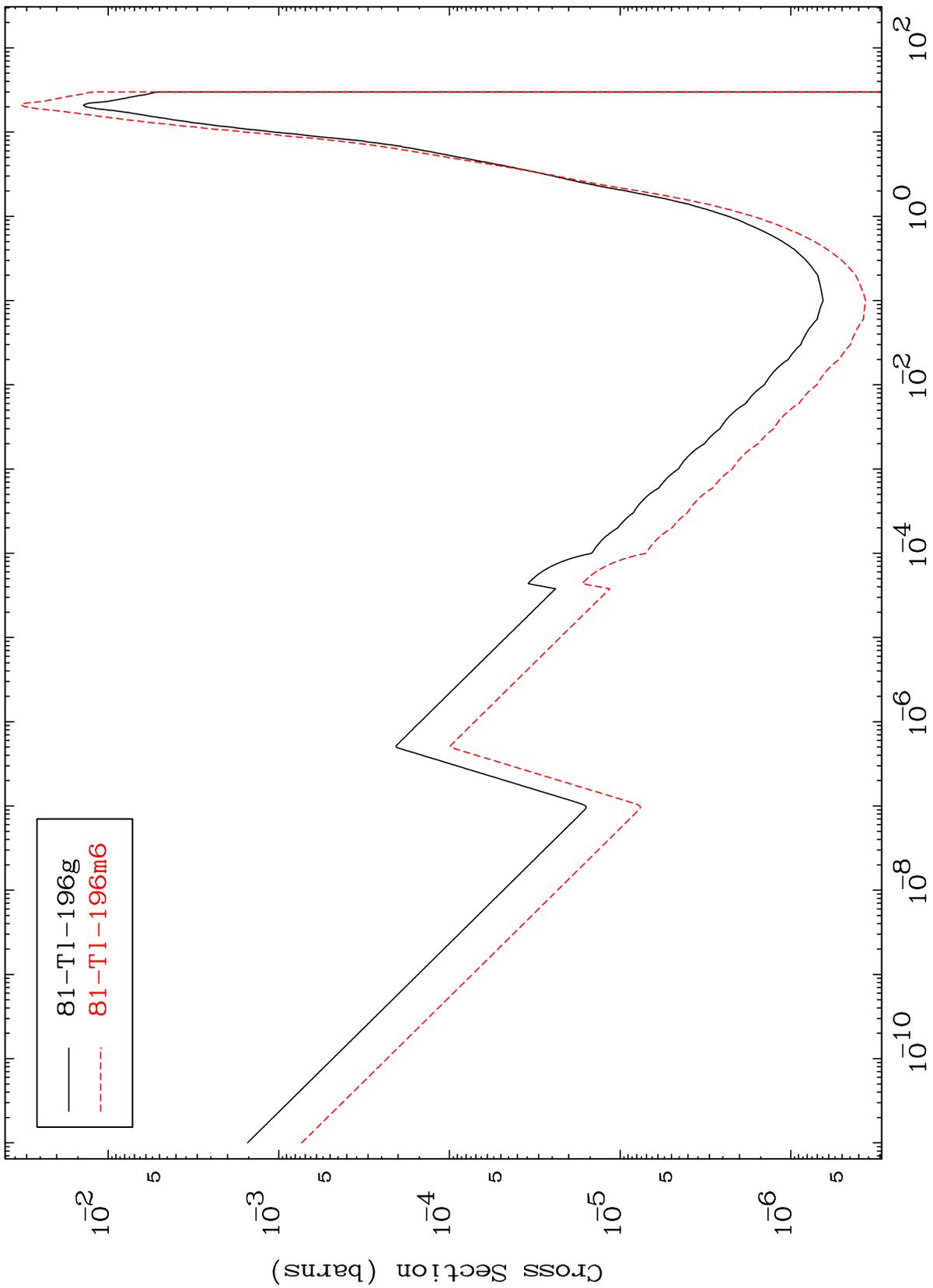
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

Radionuclide Production Cross Section
(n, α)



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

83-Bi-199

Incident Energy (MeV)

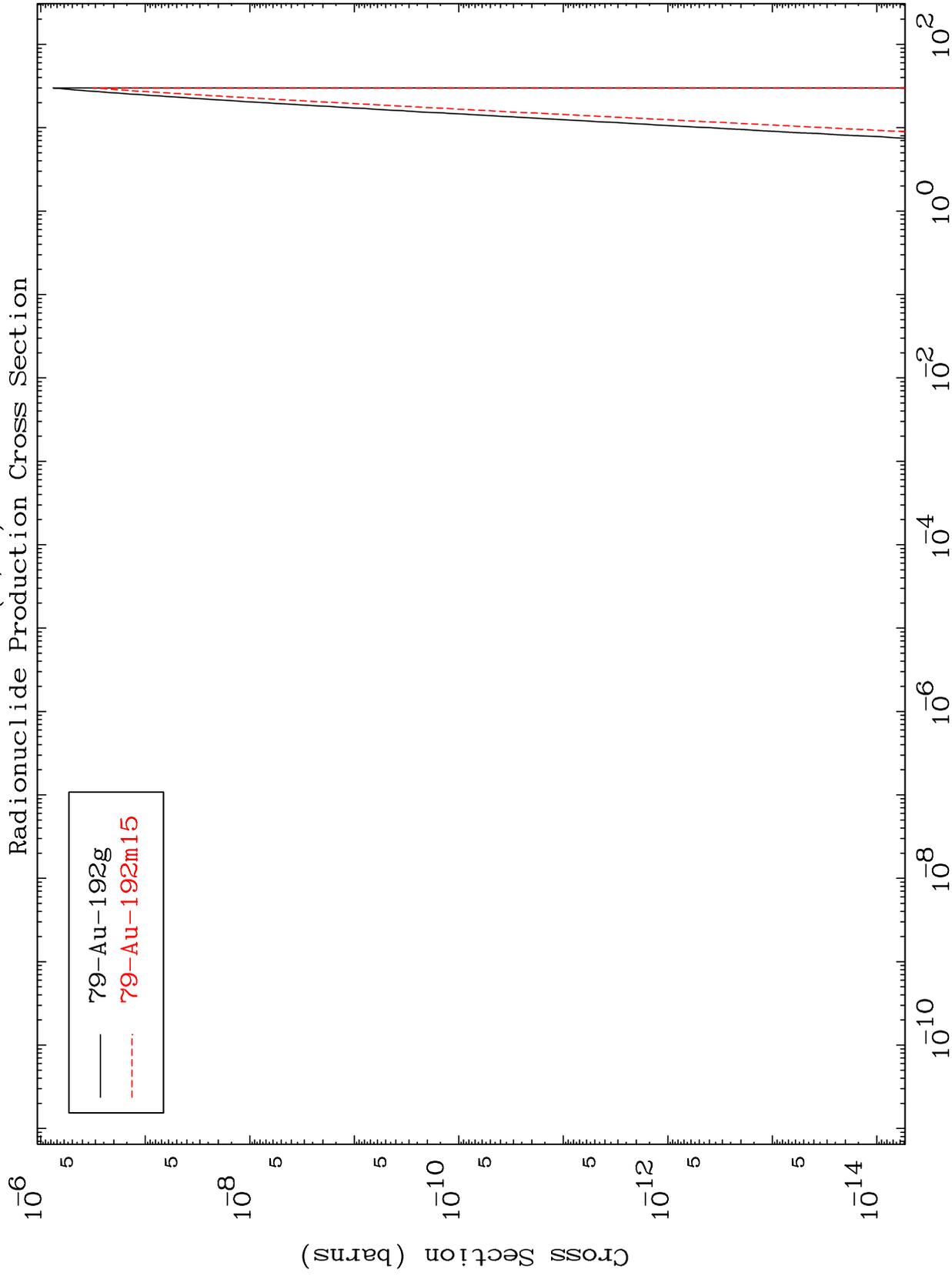
76

MAT 8295

(n,2α)

83-Bi-199

Radionuclide Production Cross Section



77

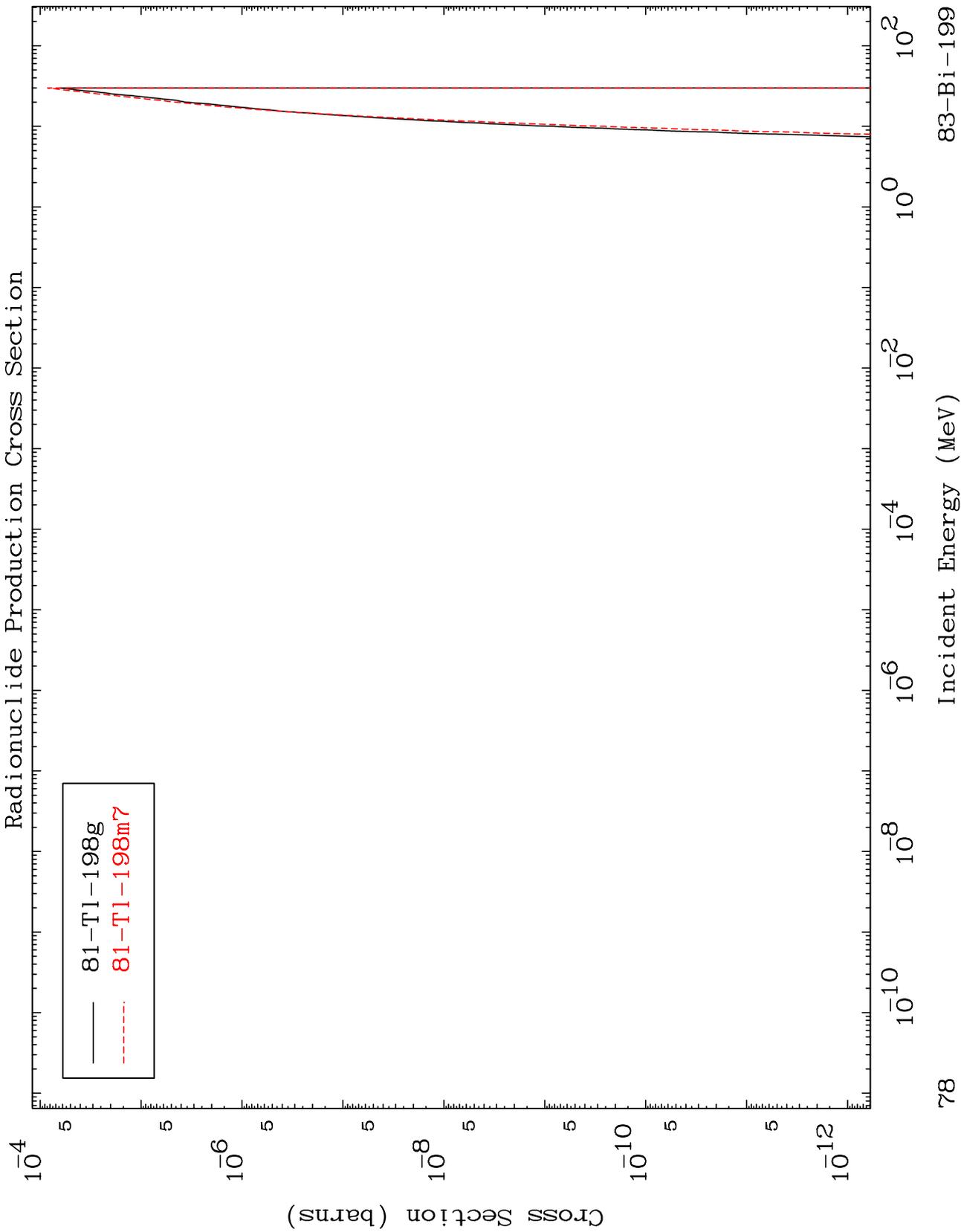
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

(n,2p)
Radionuclide Production Cross Section



78

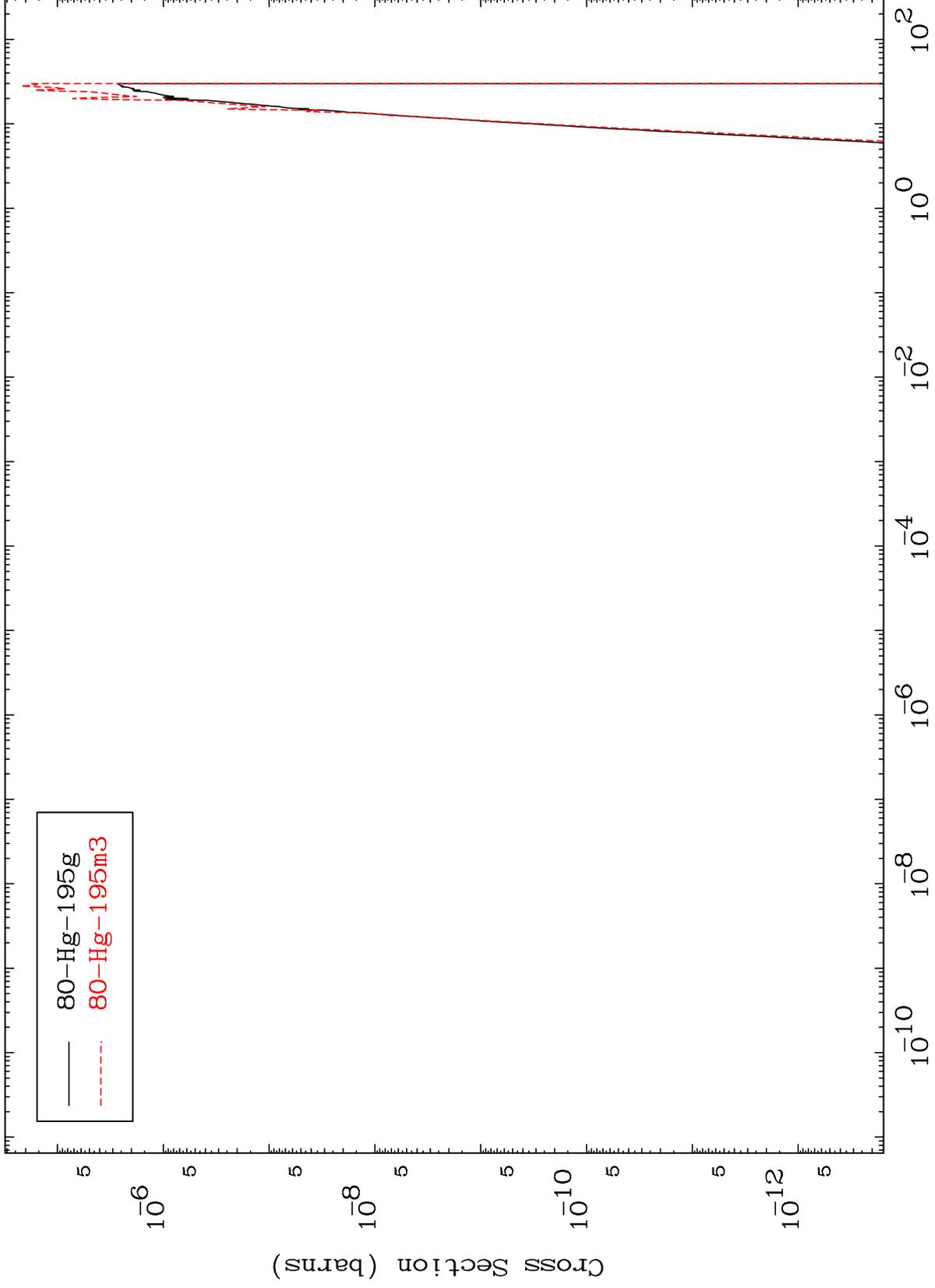
83-Bi-199

MAT 8295

(n,p) α

83-Bi-199

Radionuclide Production Cross Section



79

Incident Energy (MeV)

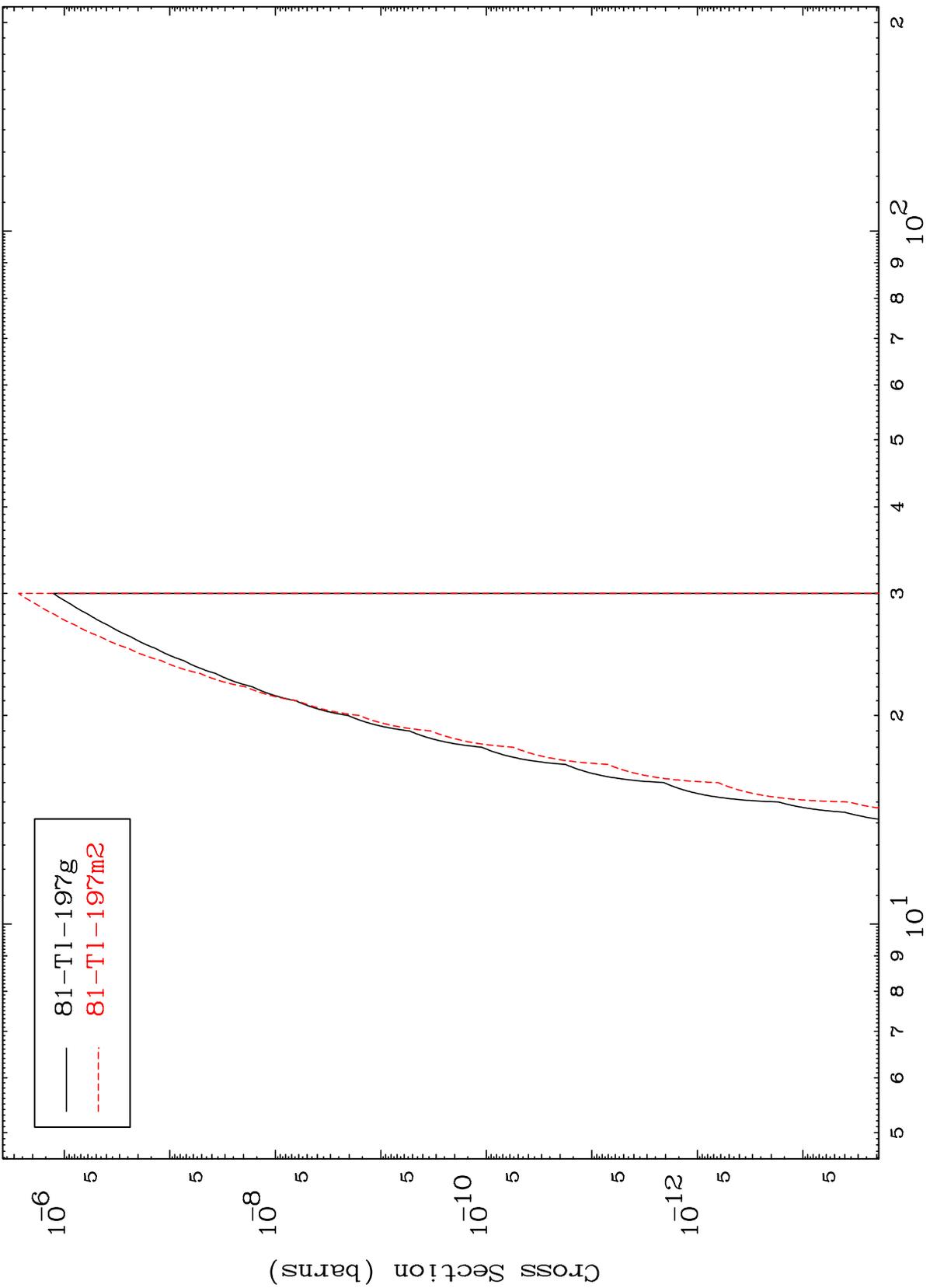
83-Bi-199

MAT 8295

(n,p) d

83-Bi-199

Radionuclide Production Cross Section



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

80

Incident Energy (MeV)

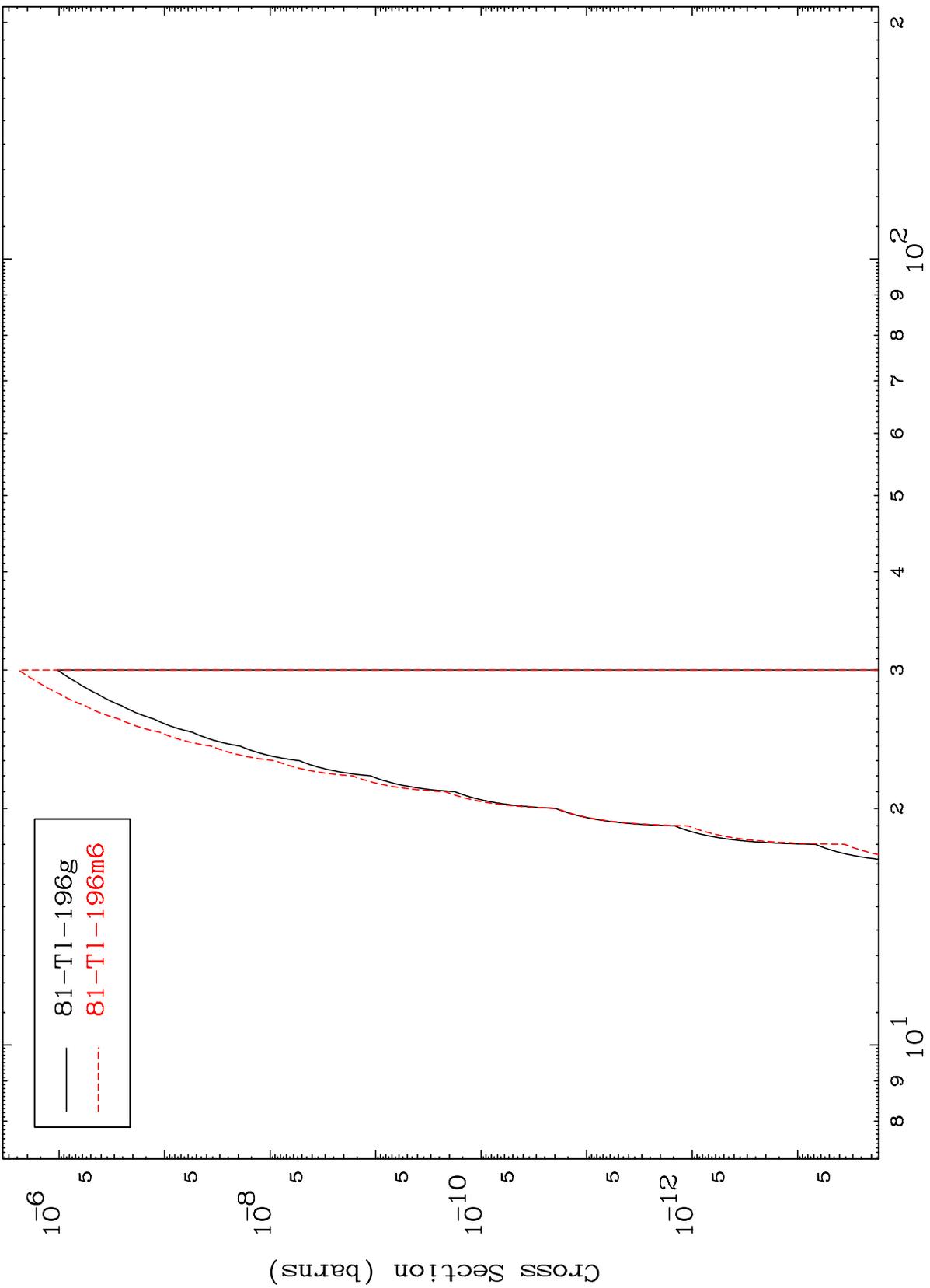
83-Bi-199

MAT 8295

(n,p) t

83-Bi-199

Radionuclide Production Cross Section



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

81

Incident Energy (MeV)

83-Bi-199