

Program EVALPLOT
(Version 2021-1)

by

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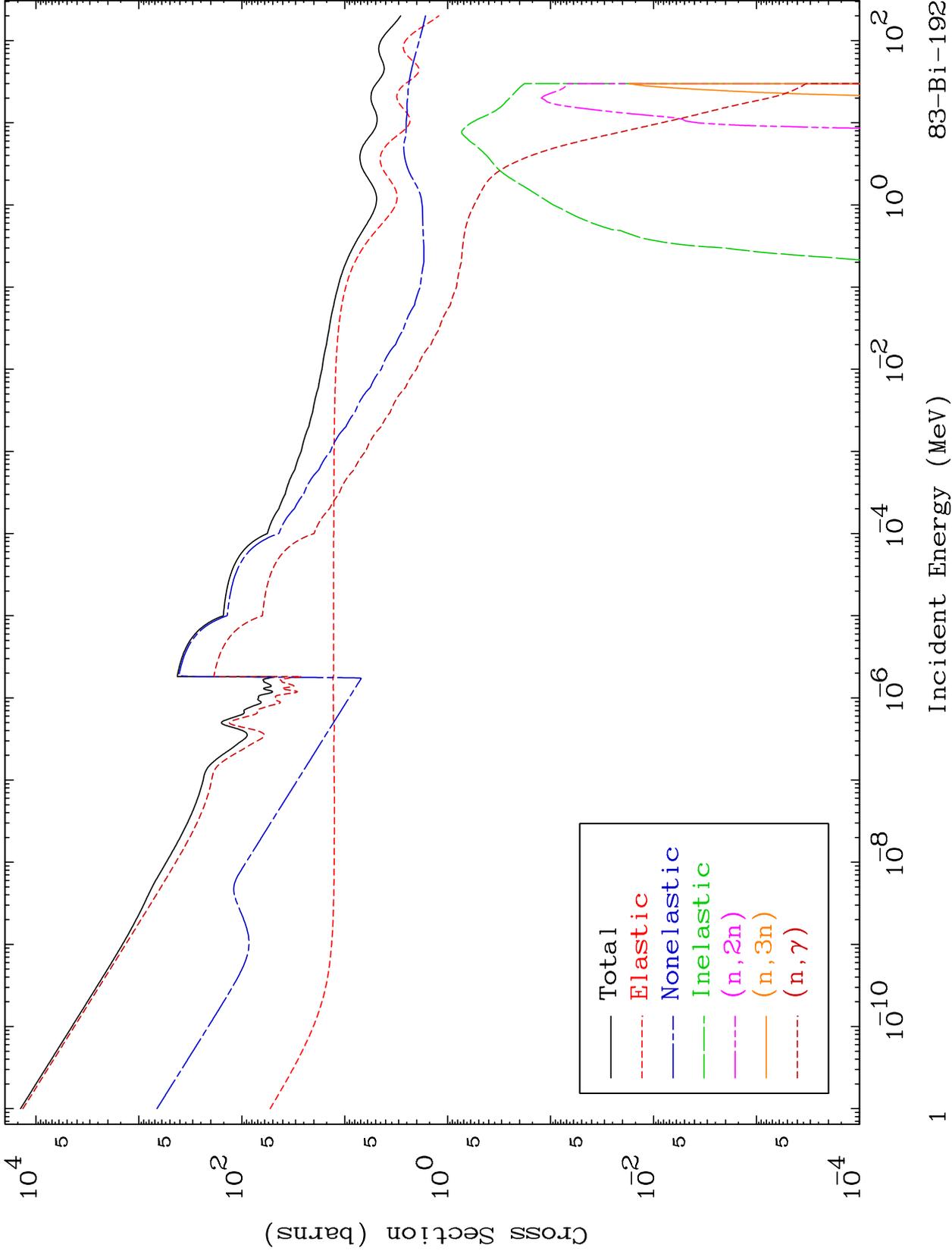
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Press Mouse Button to Start

MAT 8274

Neutron Major
293 Kelvin Cross Sections

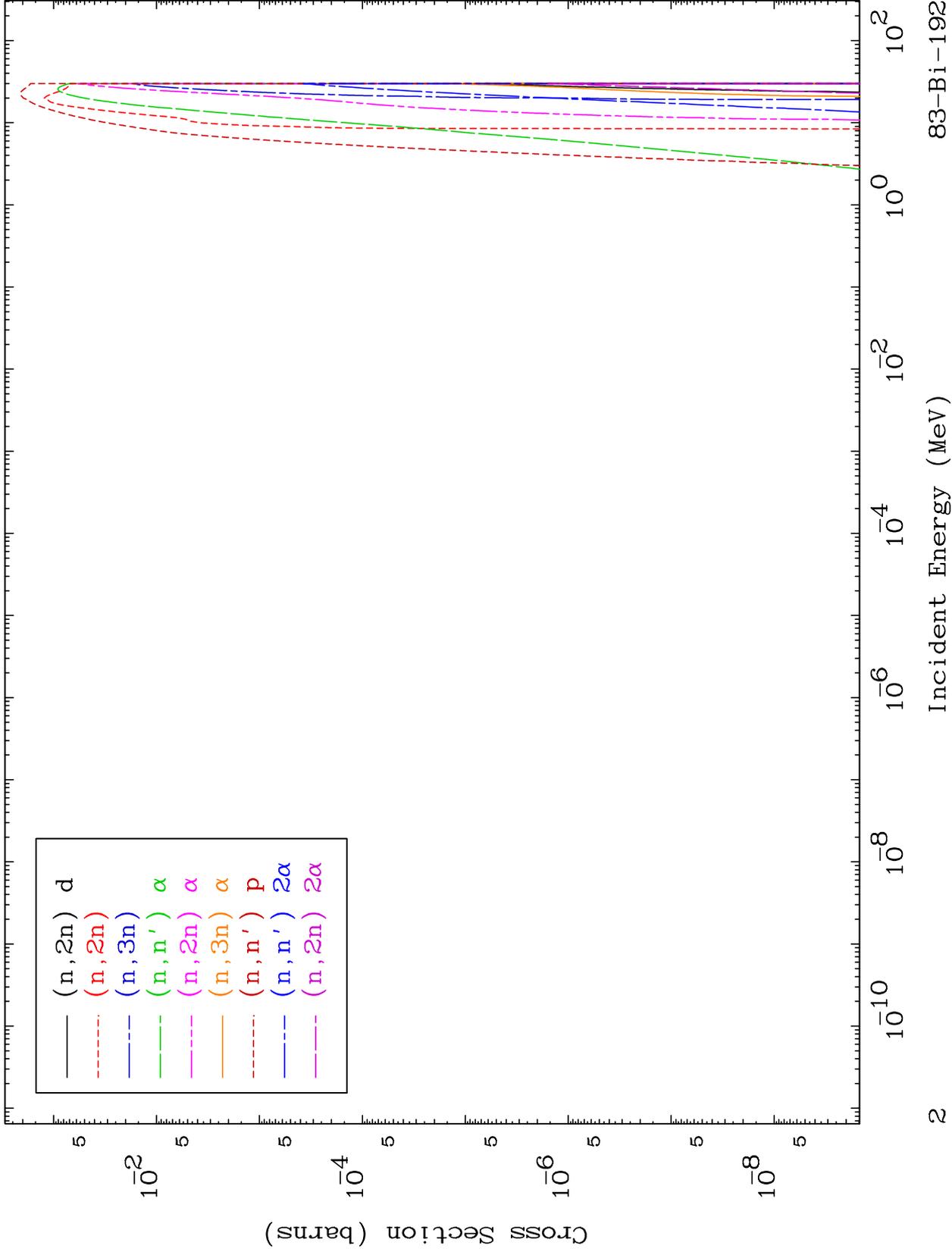
83-Bi-192



MAT 8274

Neutron Absorption
293 Kelvin Cross Sections

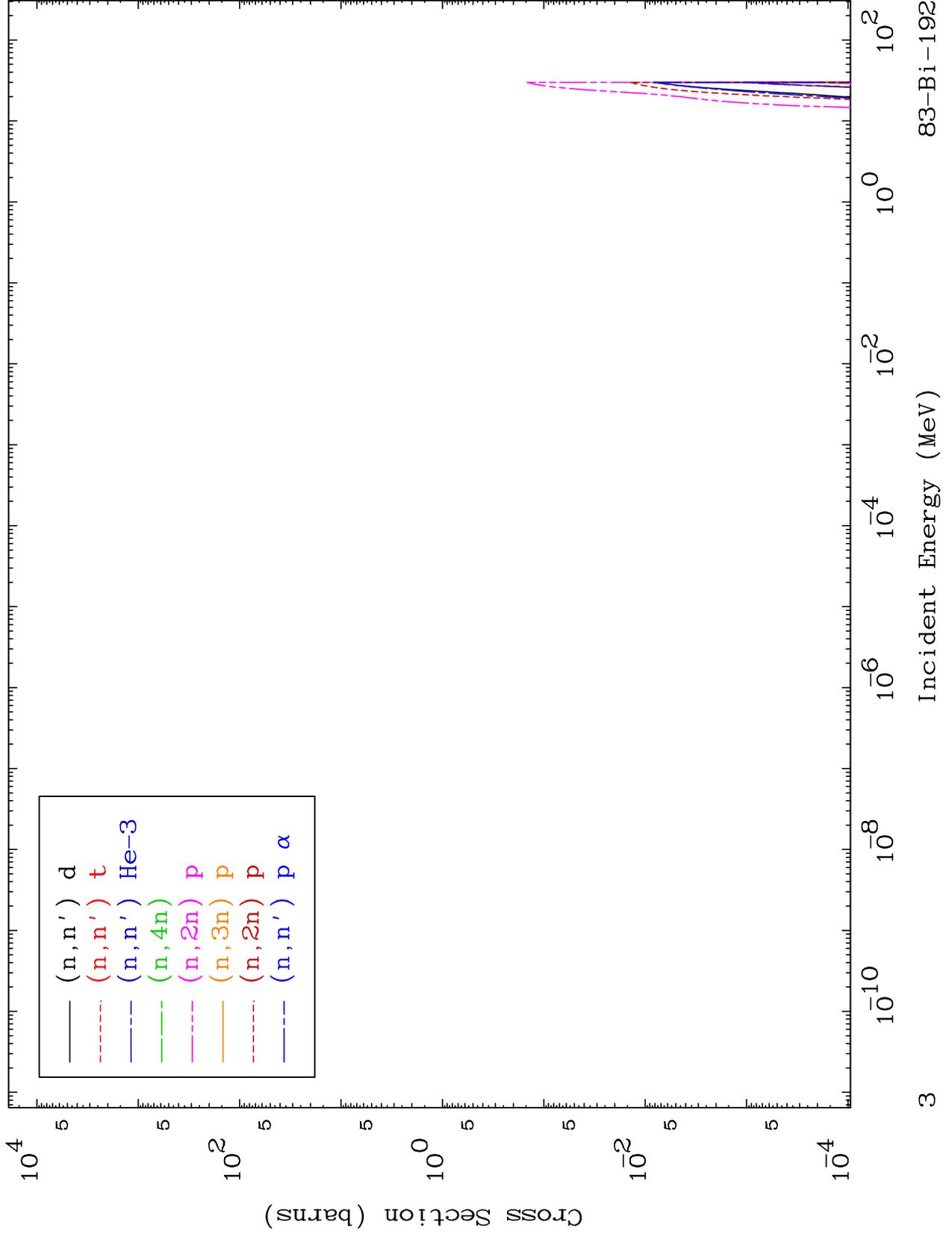
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MAT 8274

Neutron Absorption
293 Kelvin Cross Sections

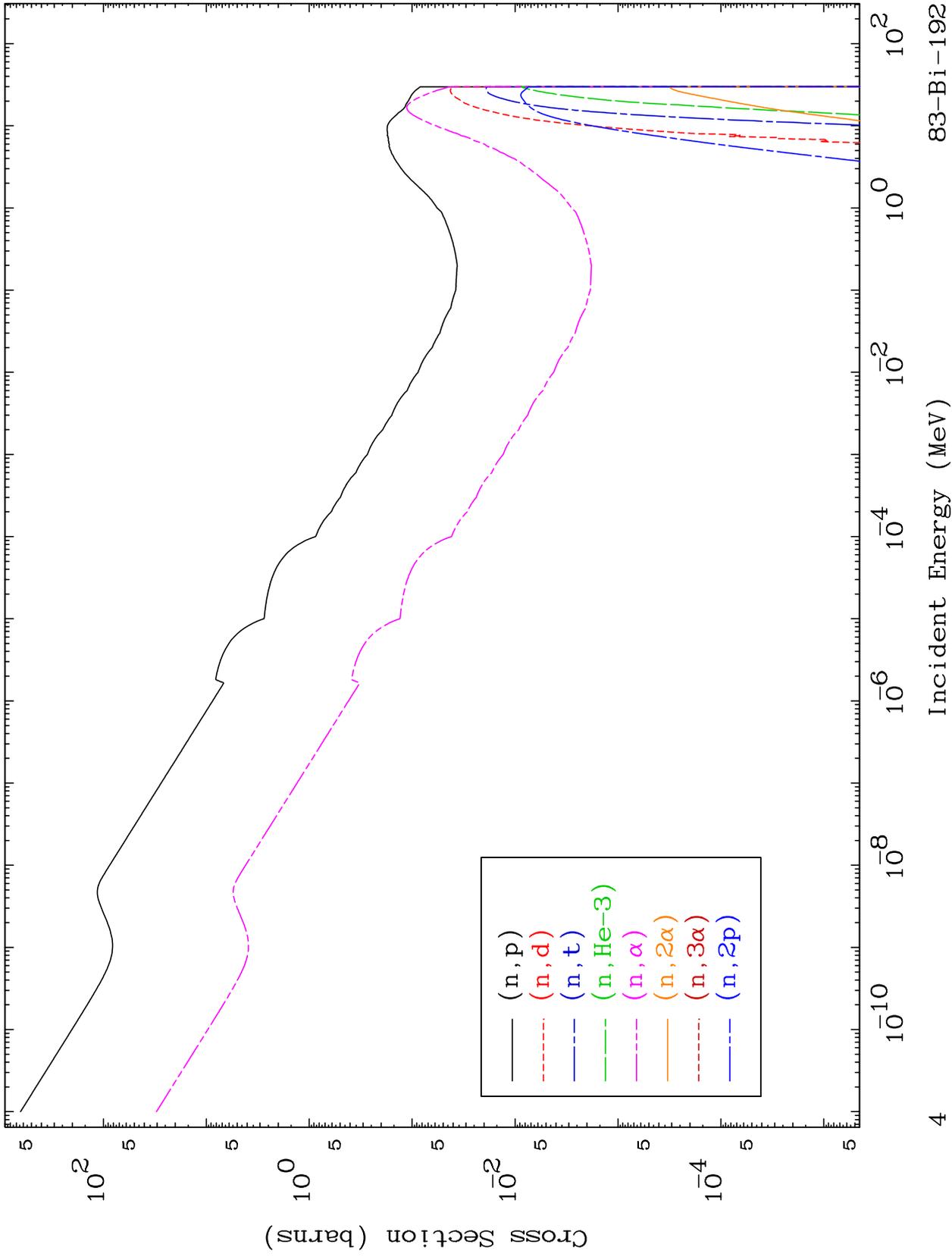
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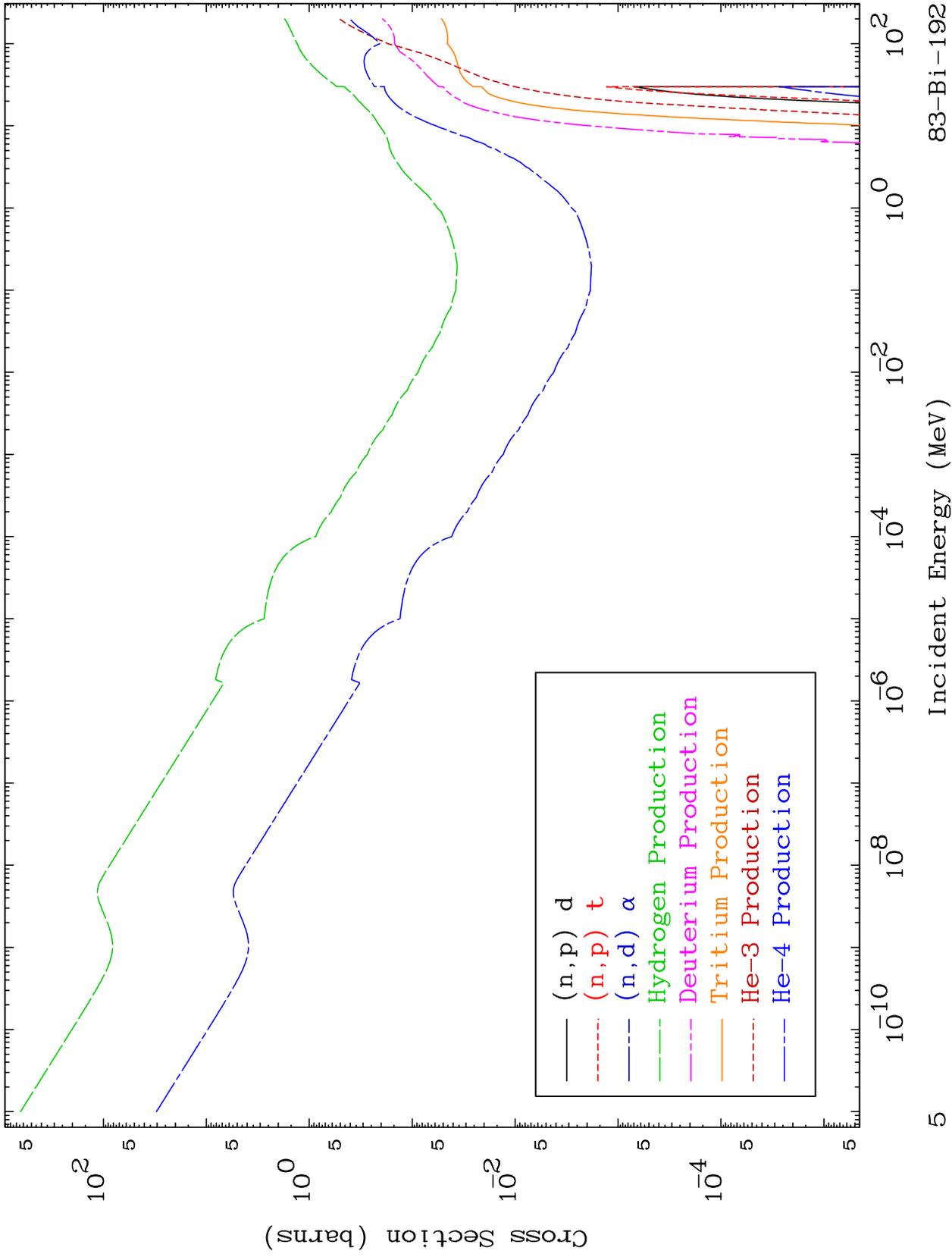


MAT 8274

Neutron Absorption
293 Kelvin Cross Sections

83-Bi-192

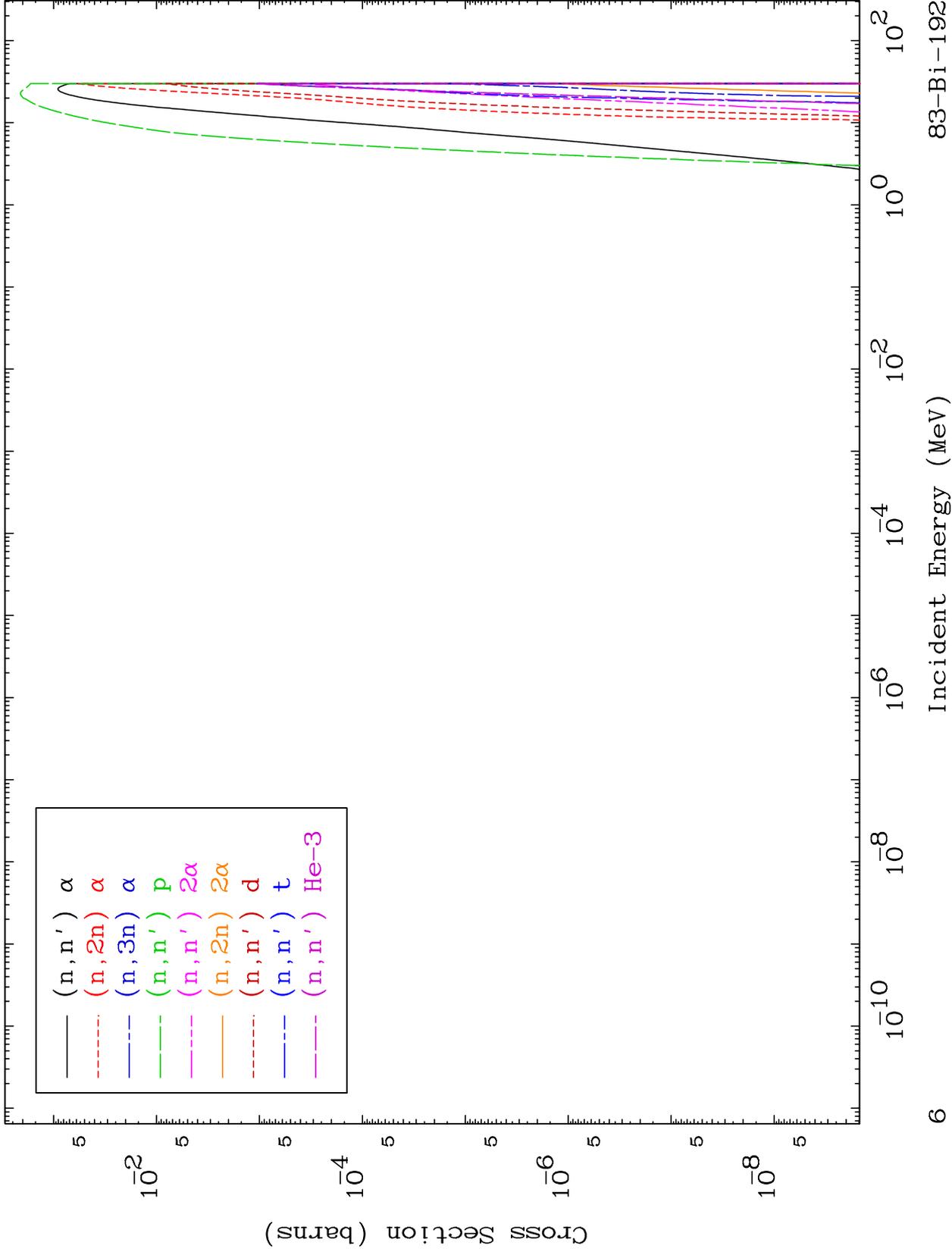




MAT 8274

Charged Particle
293 Kelvin Cross Sections

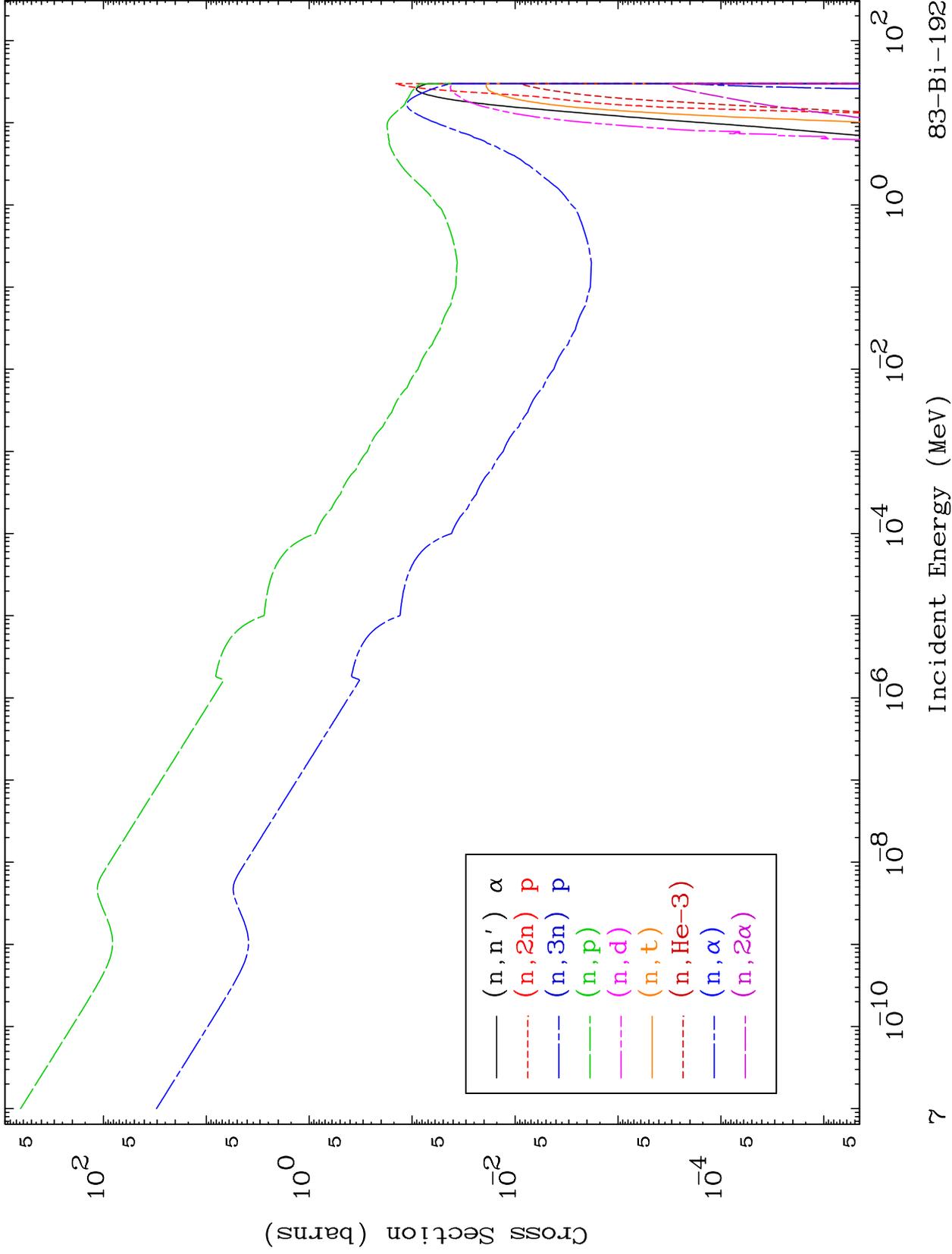
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MAT 8274

Charged Particle
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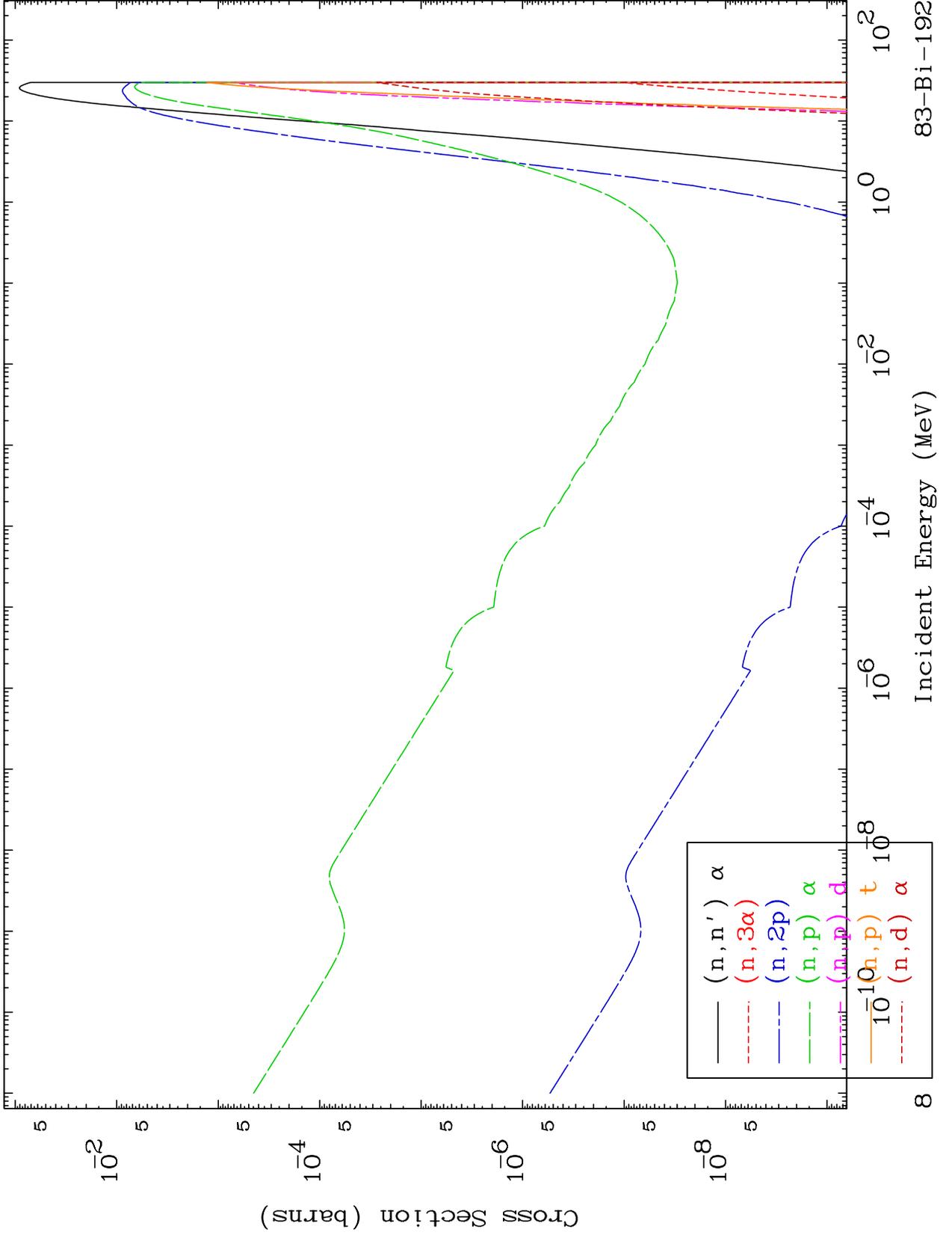
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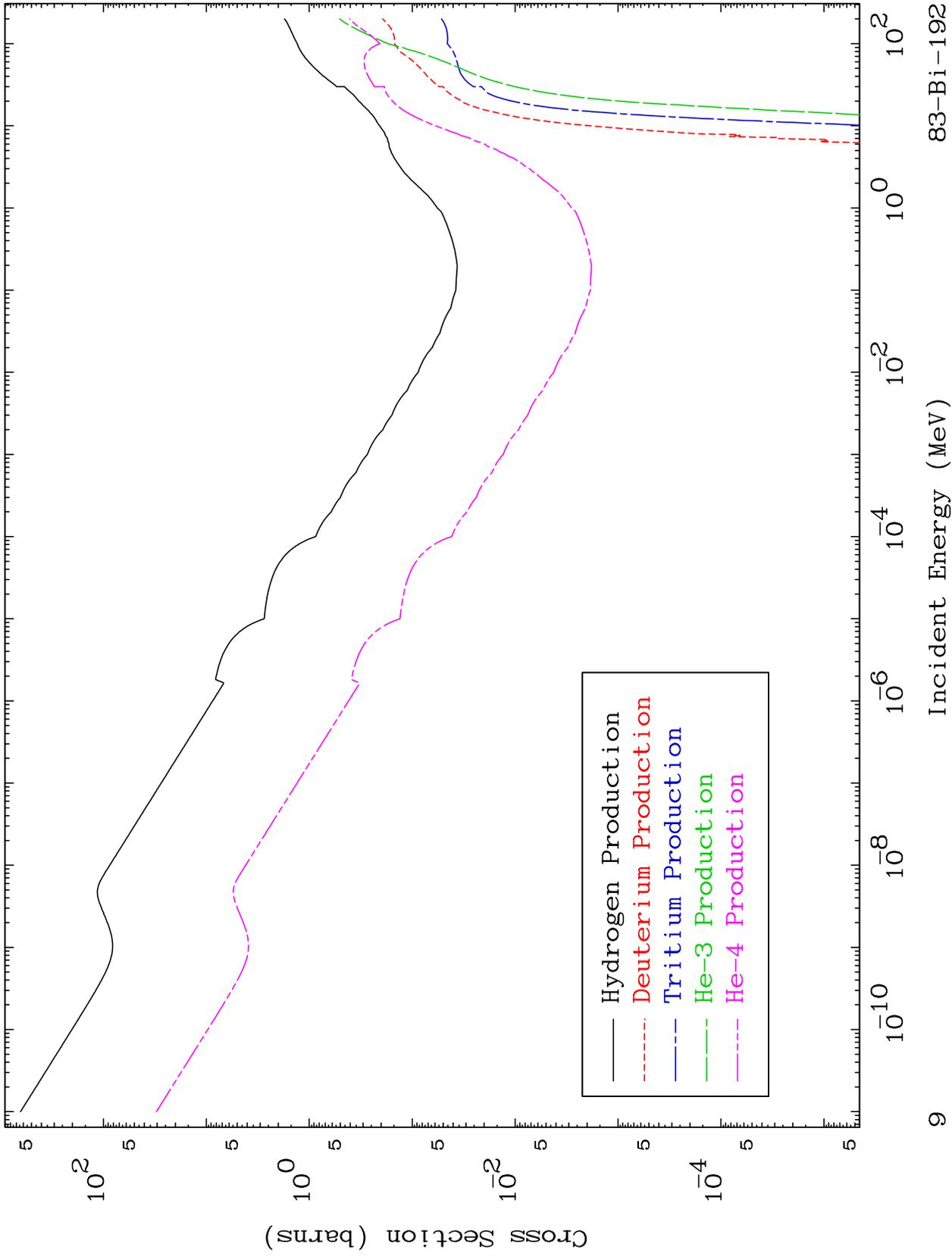


MAT 8274

Charged Particle
293 Kelvin Cross Sections

83-Bi-192

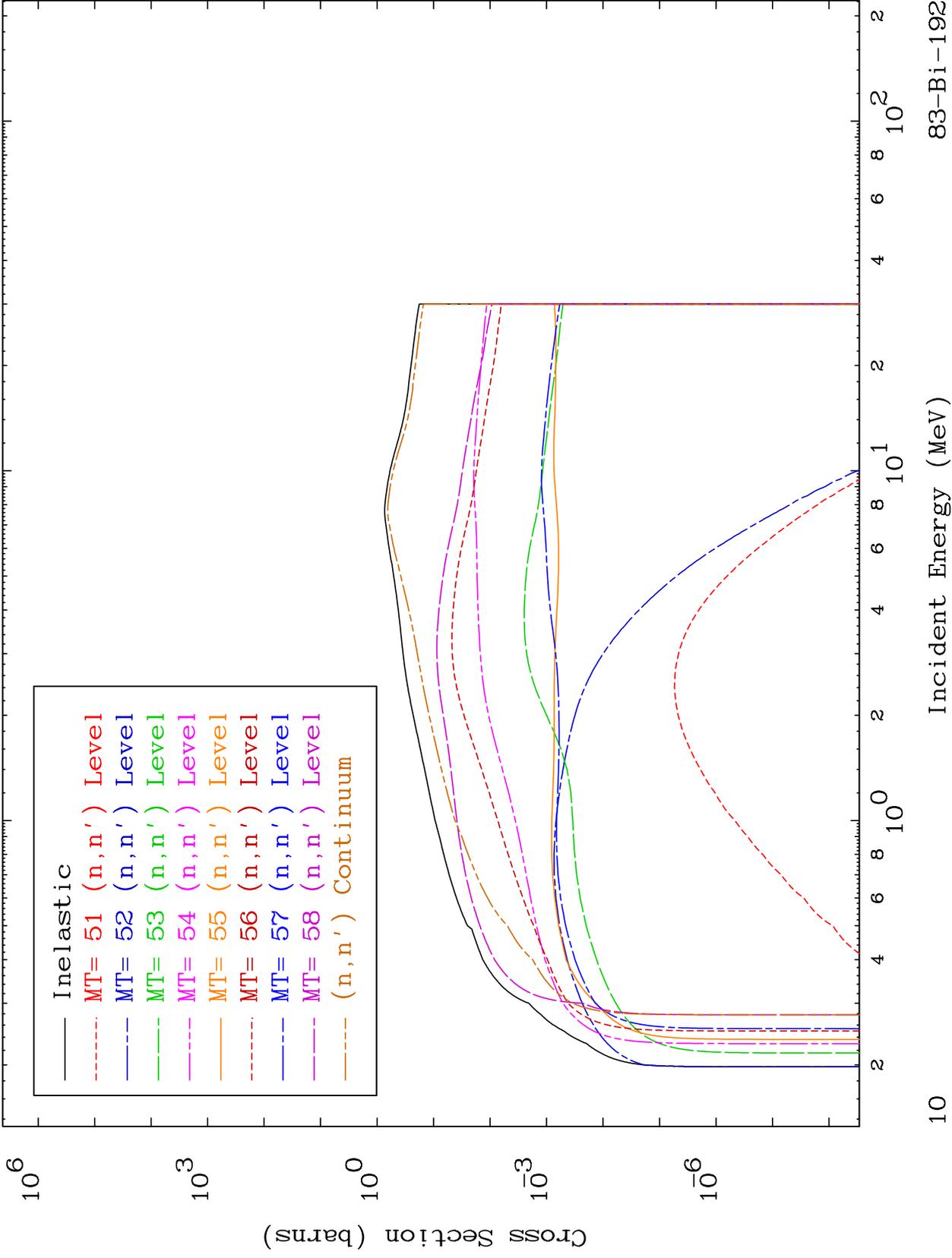




MAT 8274

(n,n') Levels
293 Kelvin Cross Sections

83-Bi-192

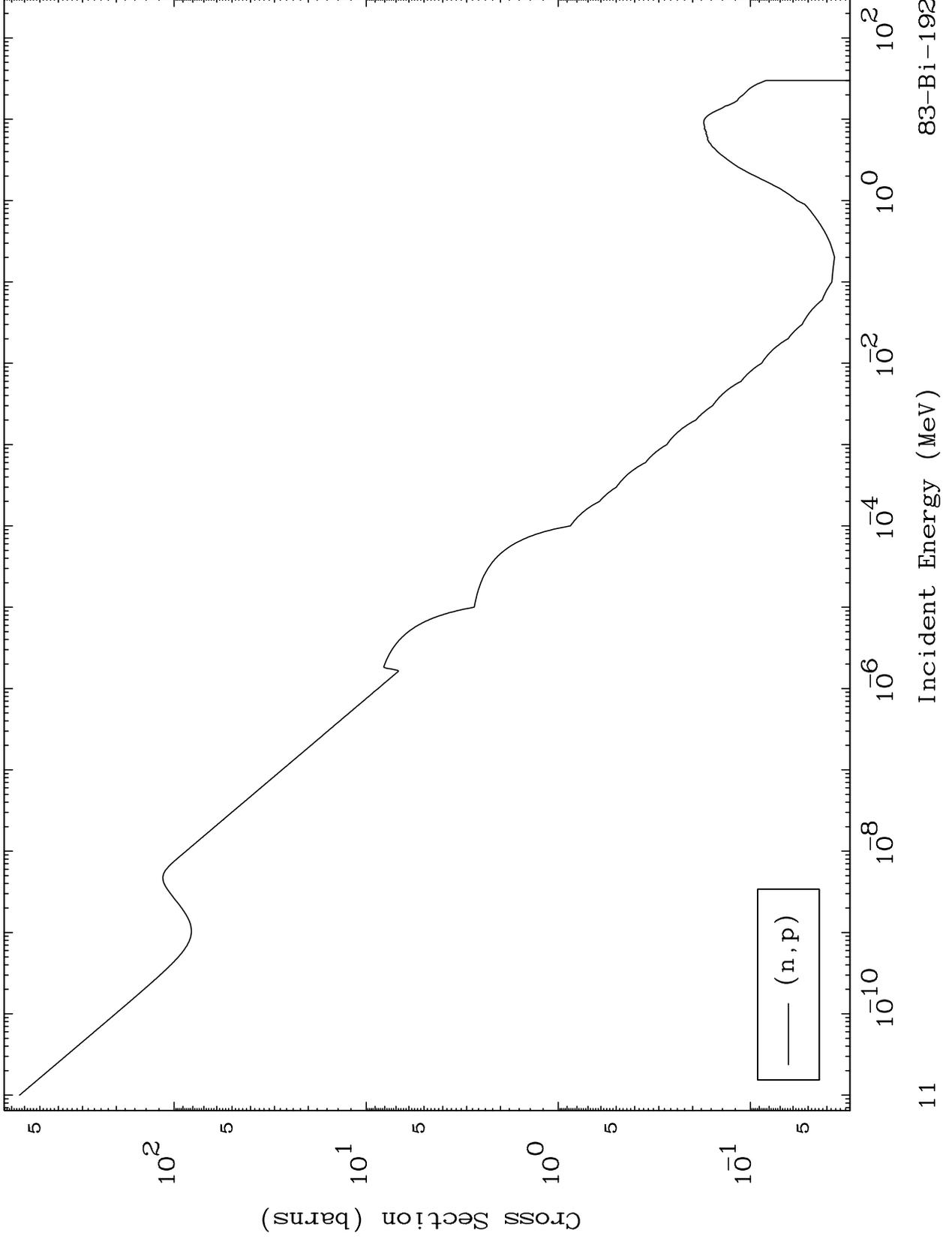


10

MAT 8274

(n,p) Levels
293 Kelvin Cross Sections

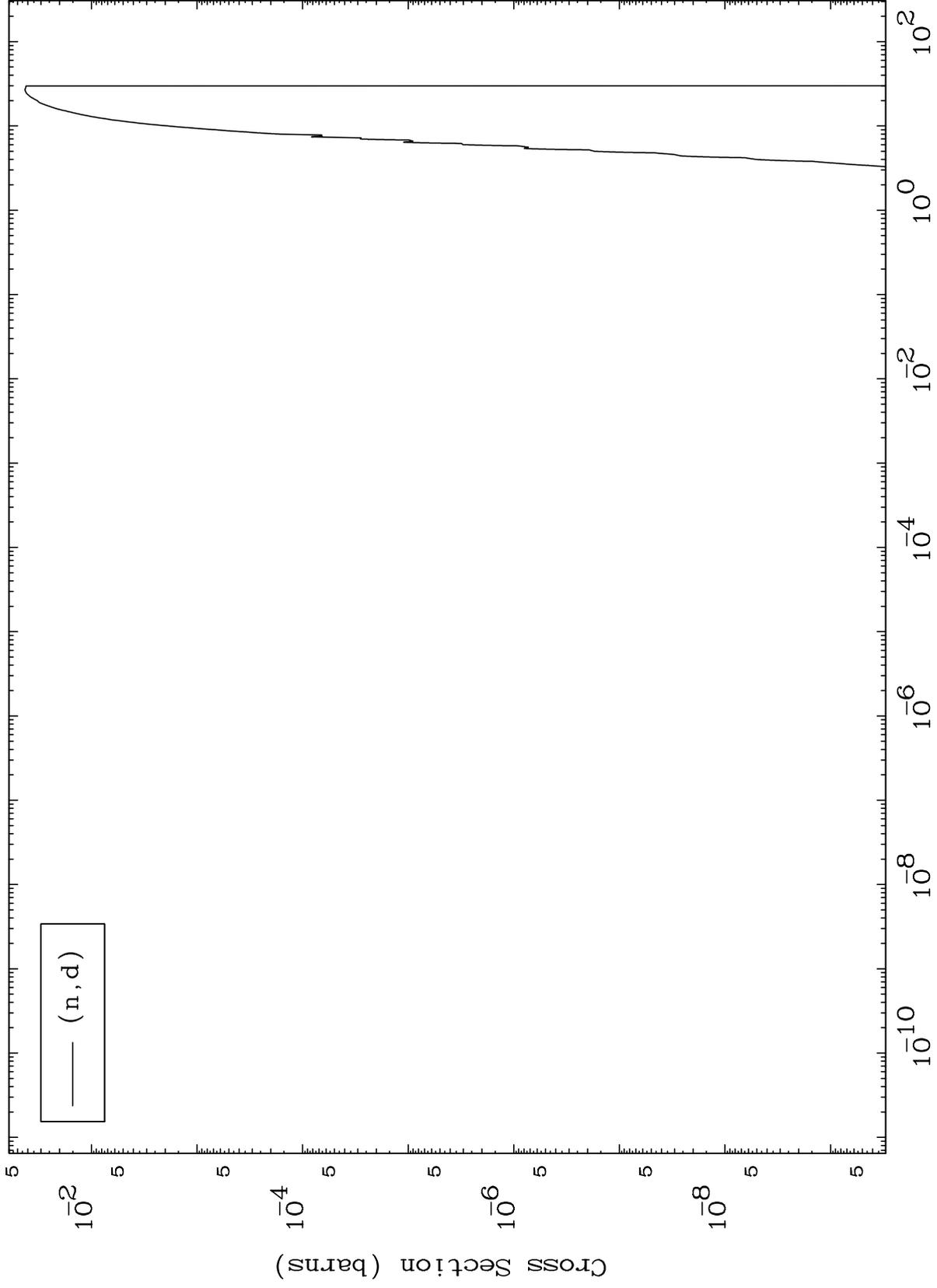
83-Bi-192



MAT 8274

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-192



12

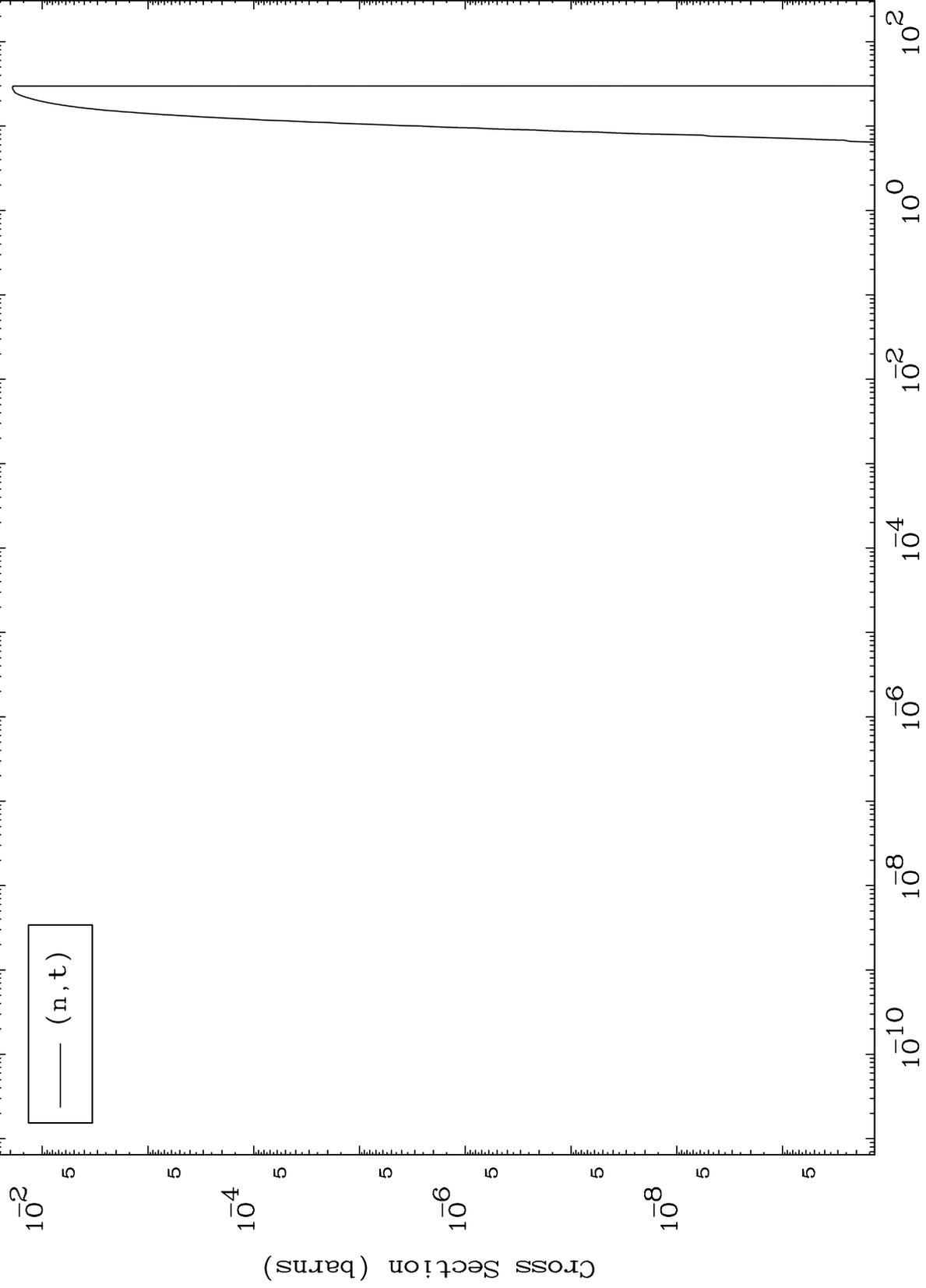
Incident Energy (MeV)

83-Bi-192

MAT 8274

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-192



13

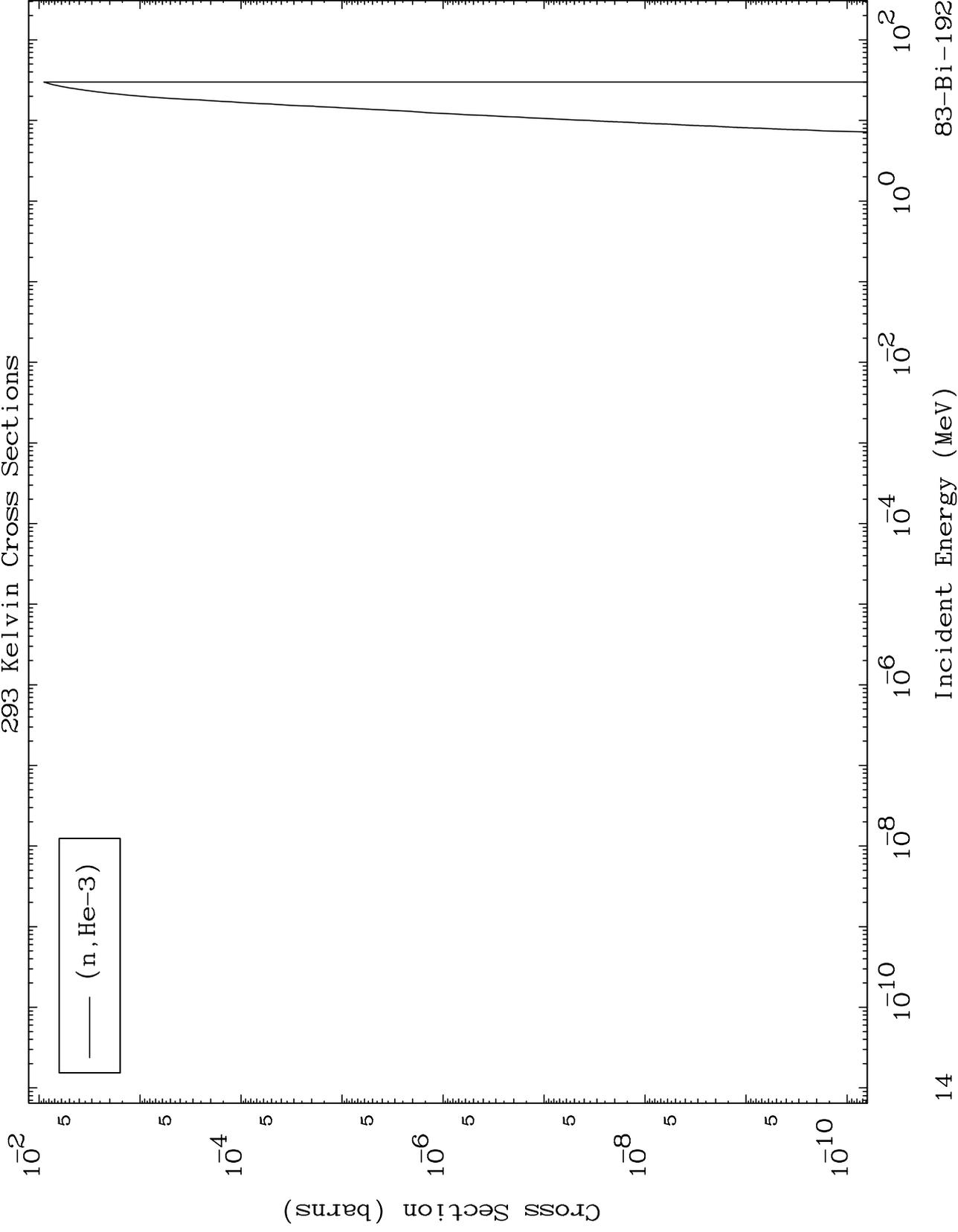
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MAT 8274

(n,He3) Levels
293 Kelvin Cross Sections

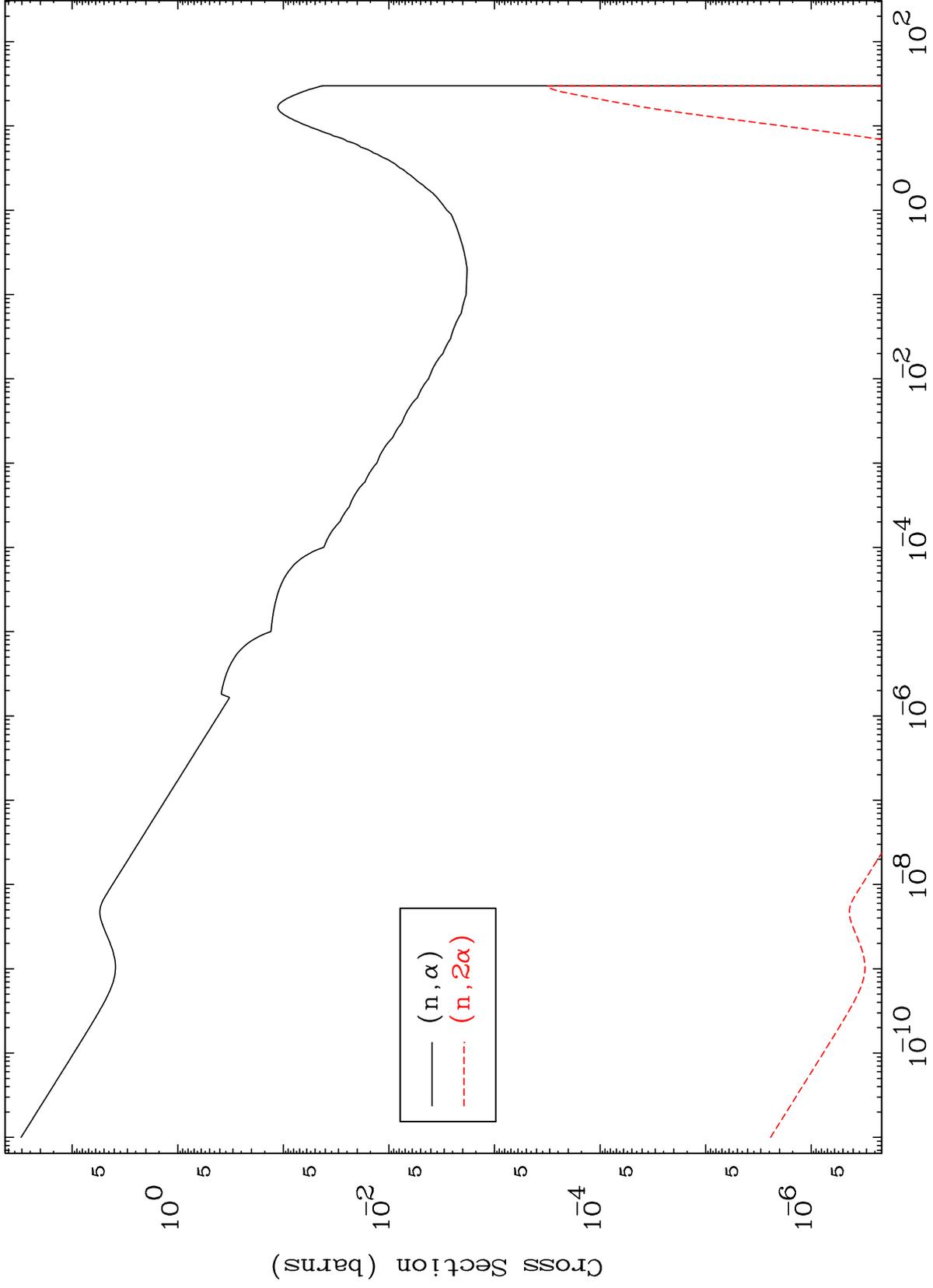
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MAT 8274

(n,α) Levels
293 Kelvin Cross Sections

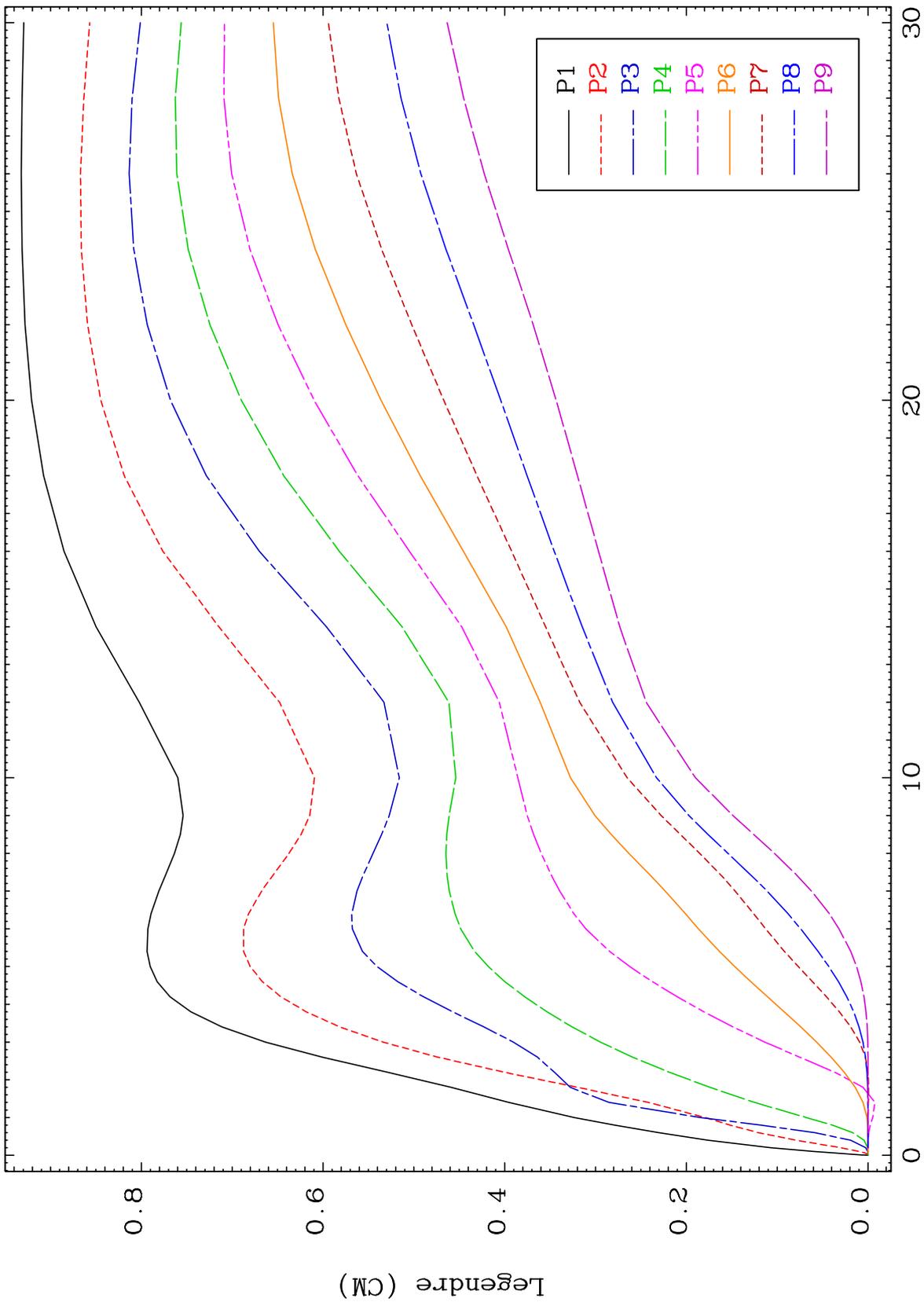
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MAT 8274

83-Bi-192

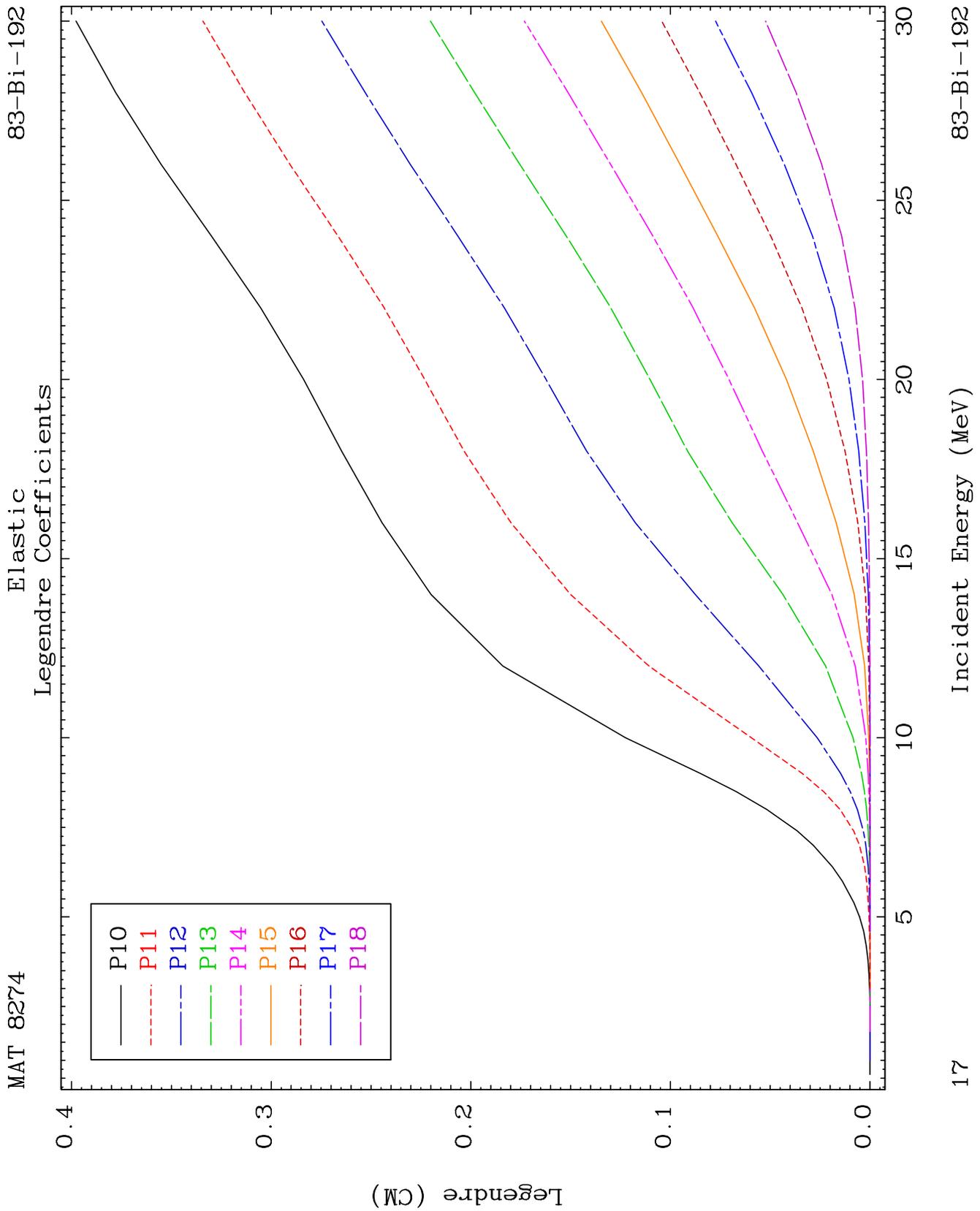
Elastic Legendre Coefficients



16

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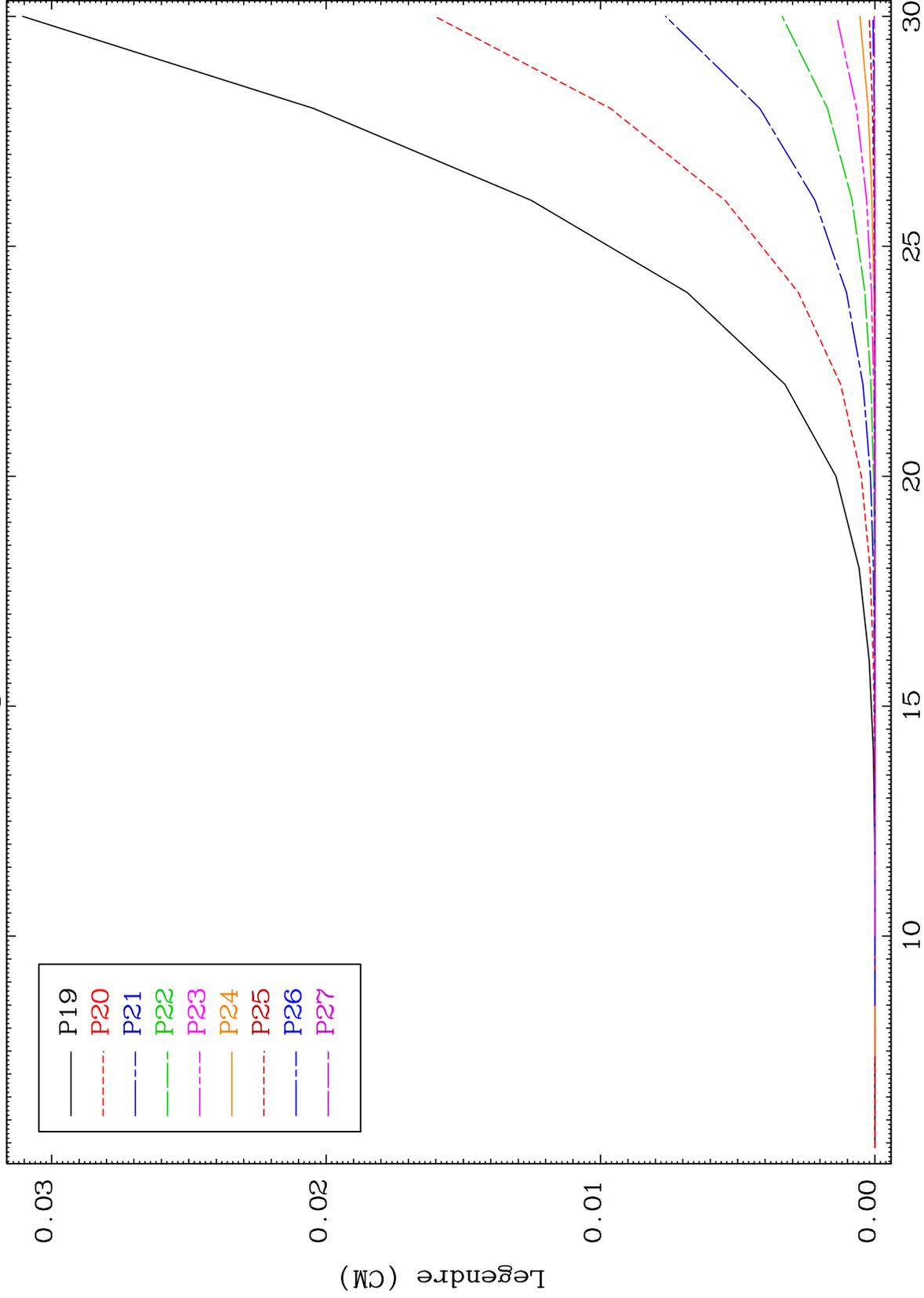
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MAT 8274

Elastic Legendre Coefficients

83-Bi-192



18

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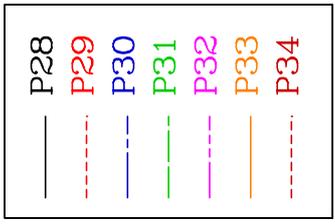
83-Bi-192

30

MAT 8274

Elastic
Legendre Coefficients

83-Bi-192



$\times 10^{-6}$

Legendre (CM)

10

15

20

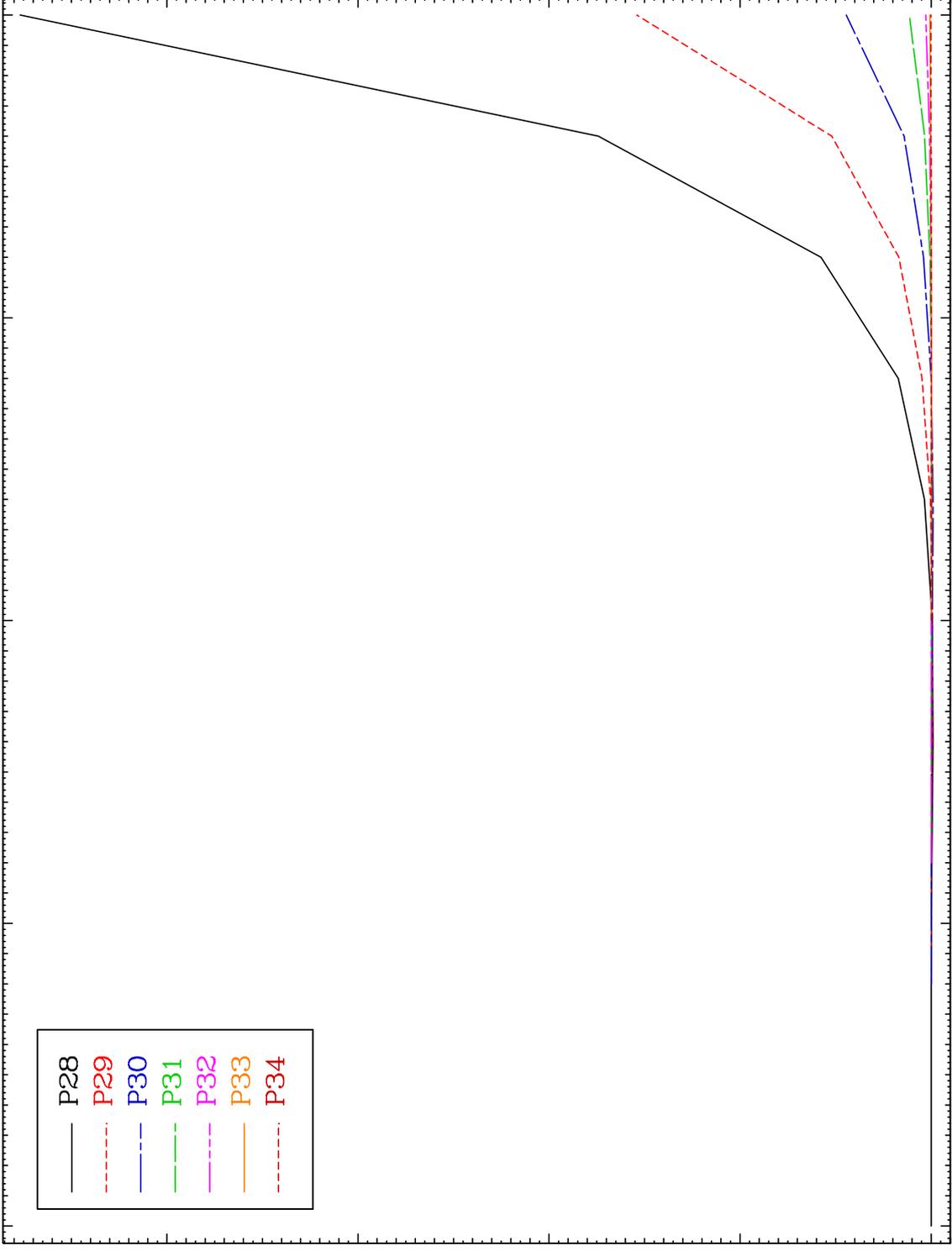
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30

19

Incident Energy (MeV)

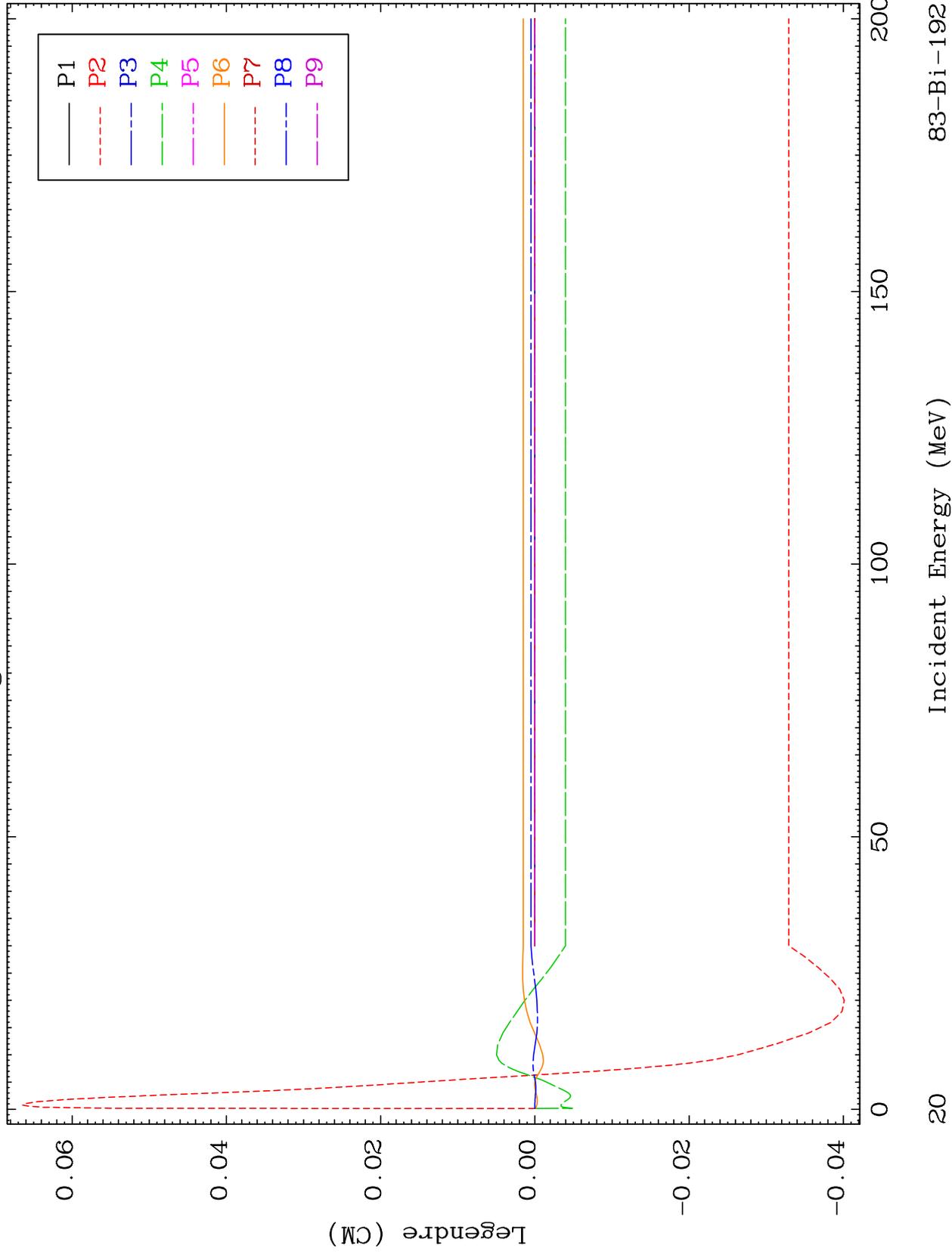
83-Bi-192



MAT 8274

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

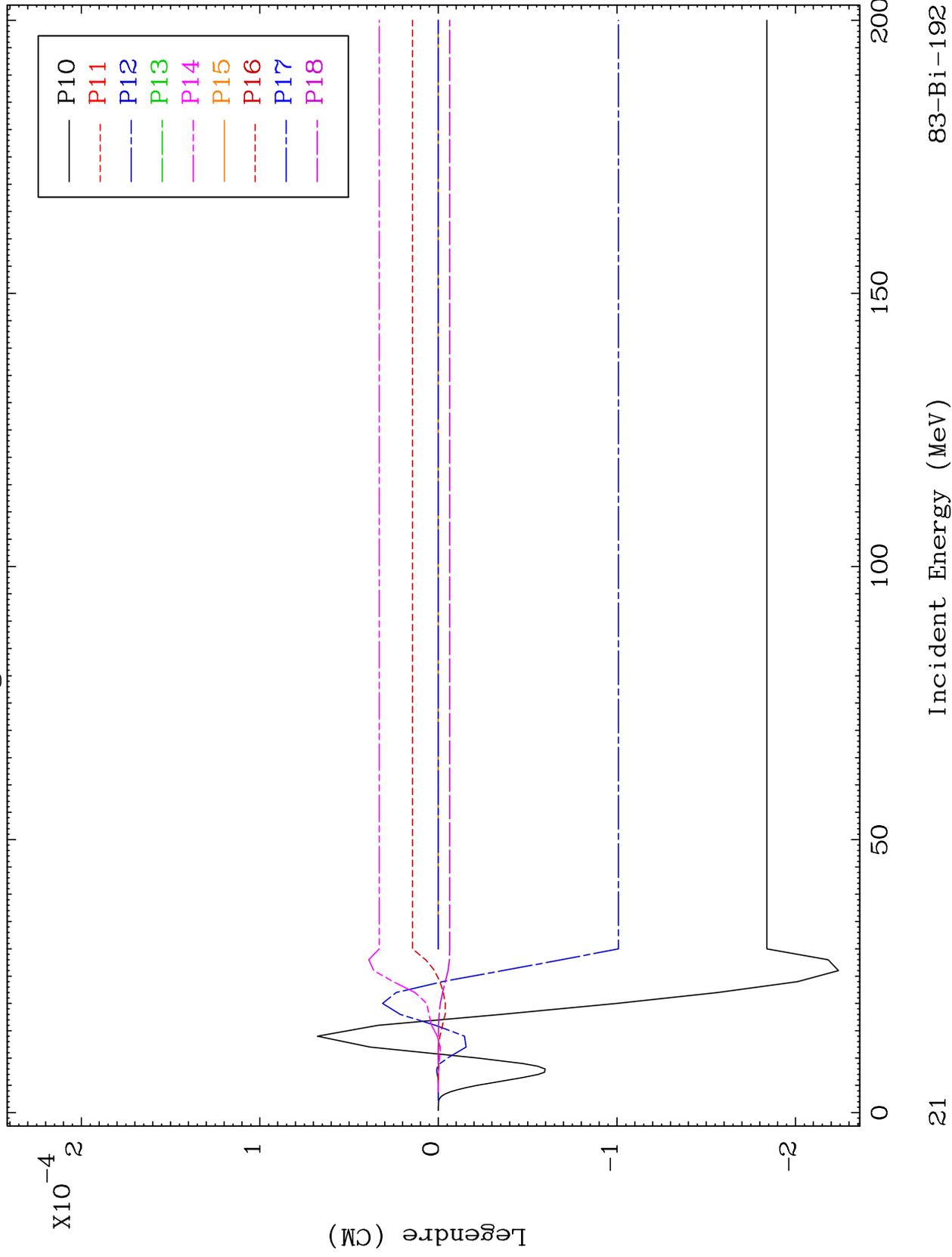
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MAT 8274

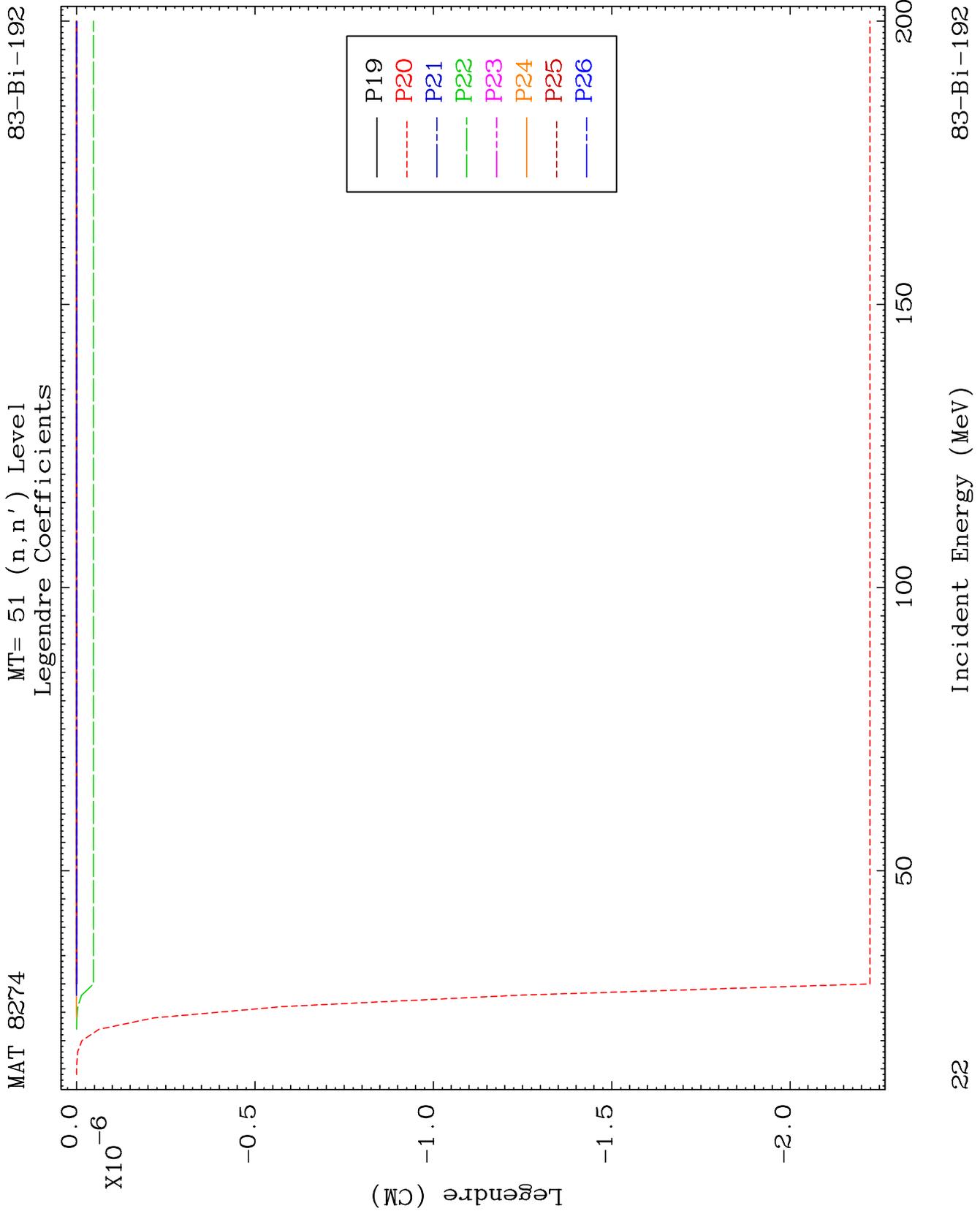
MT= 51 (n,n') Level
Legendre Coefficients

83-Bi-192



21

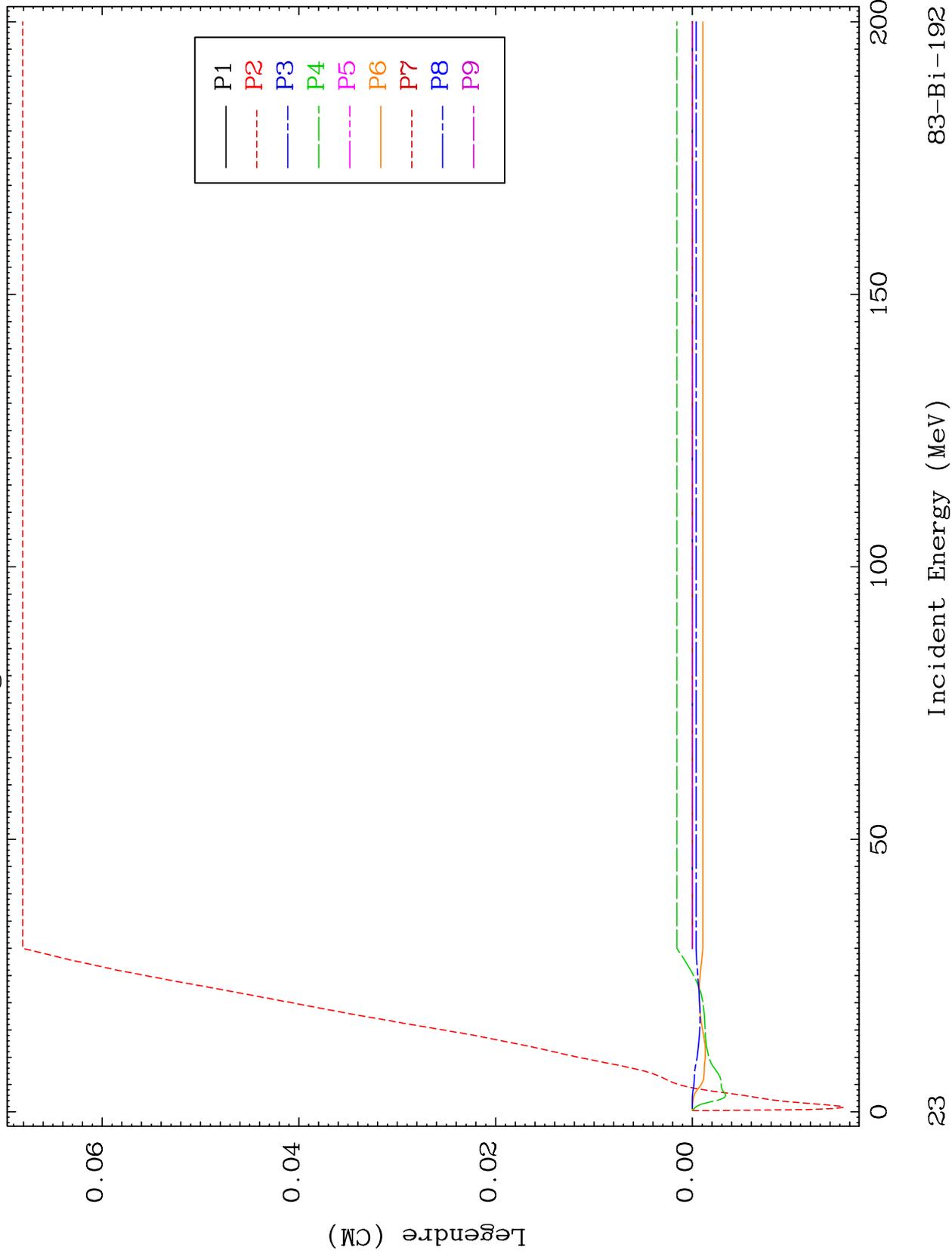
83-Bi-192



MAT 8274

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

83-Bi-192



83-Bi-192

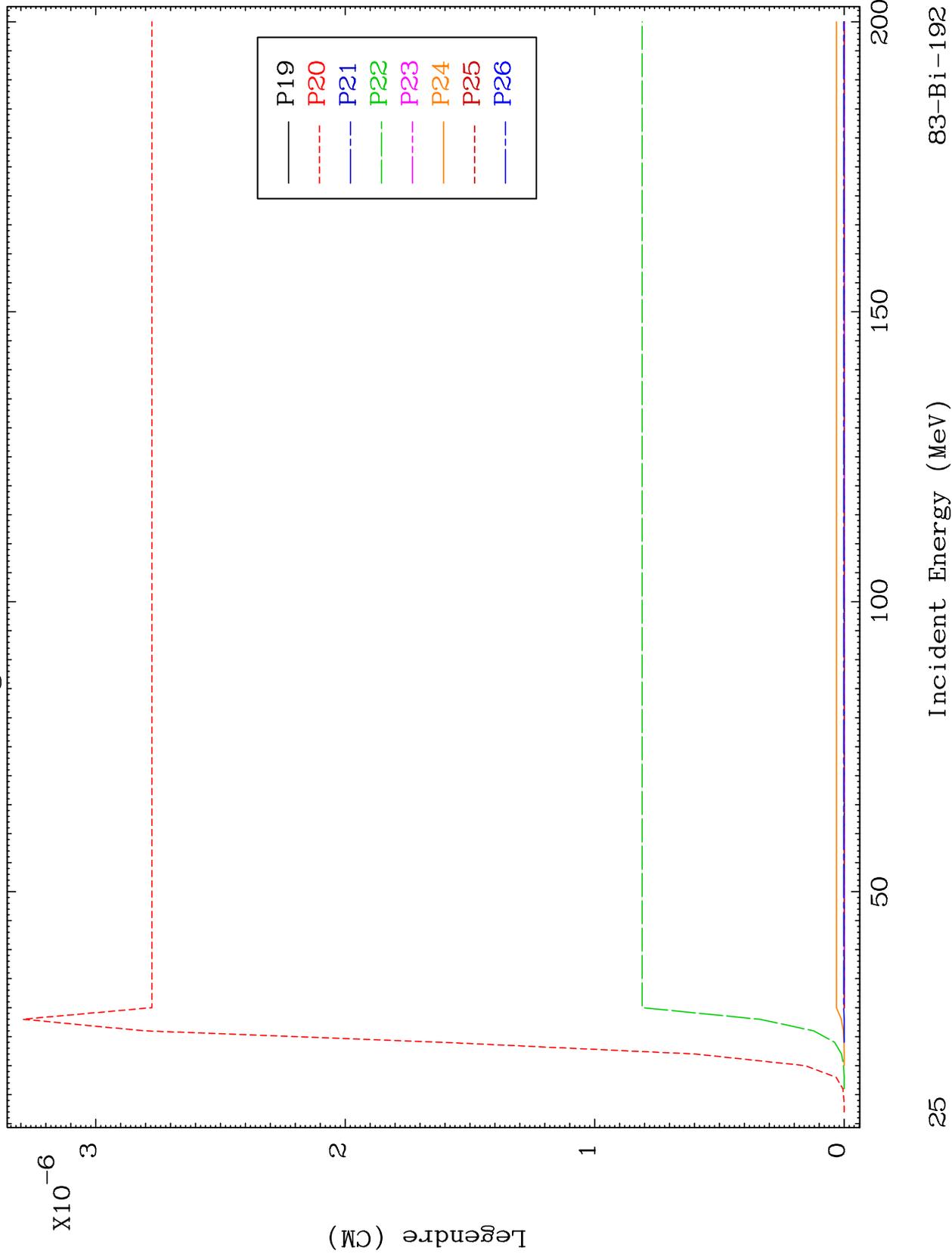
Incident Energy (MeV)

23

MAT 8274

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

83-Bi-192



25

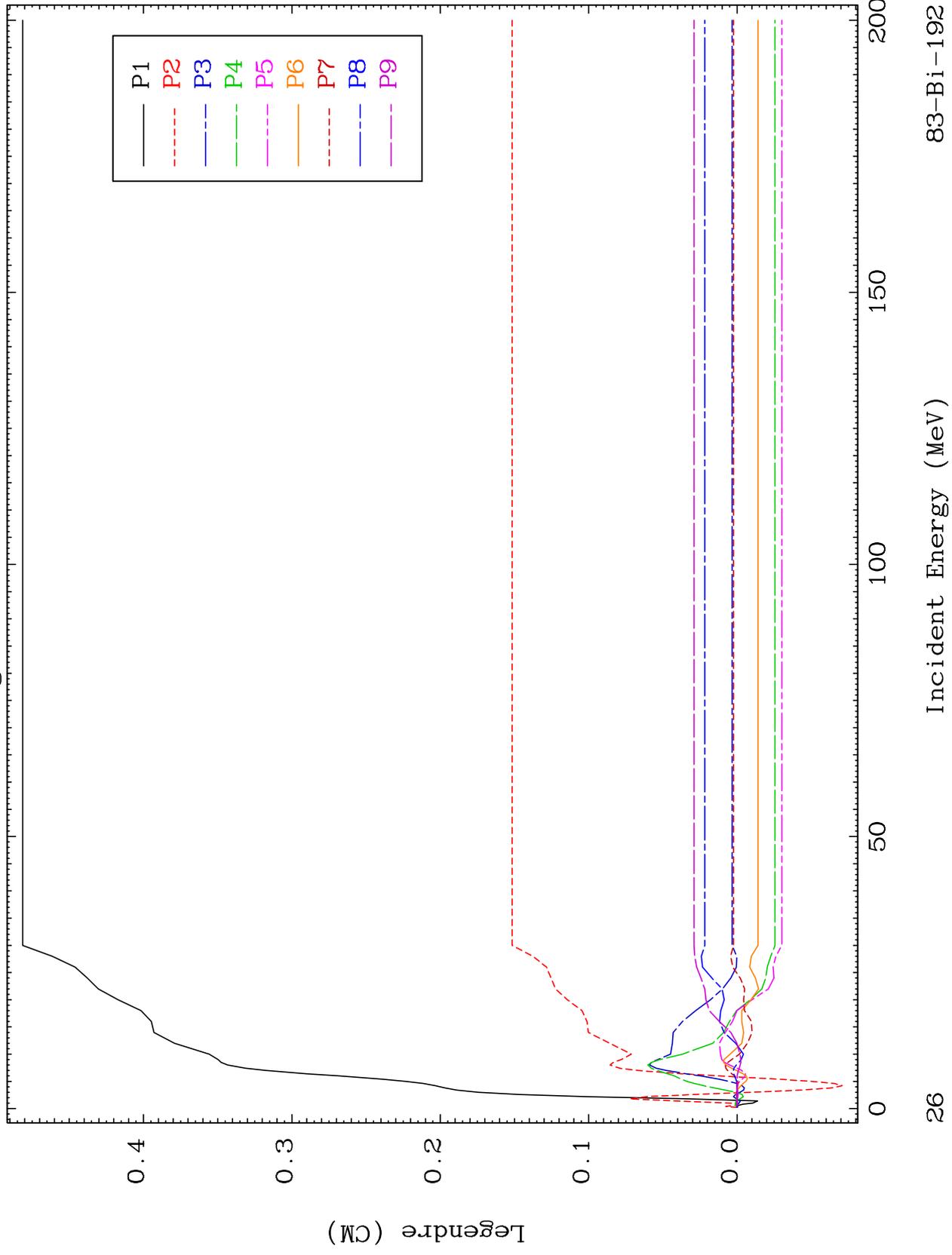
Incident Energy (MeV)

83-Bi-192

MAT 8274

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

83-Bi-192



83-Bi-192

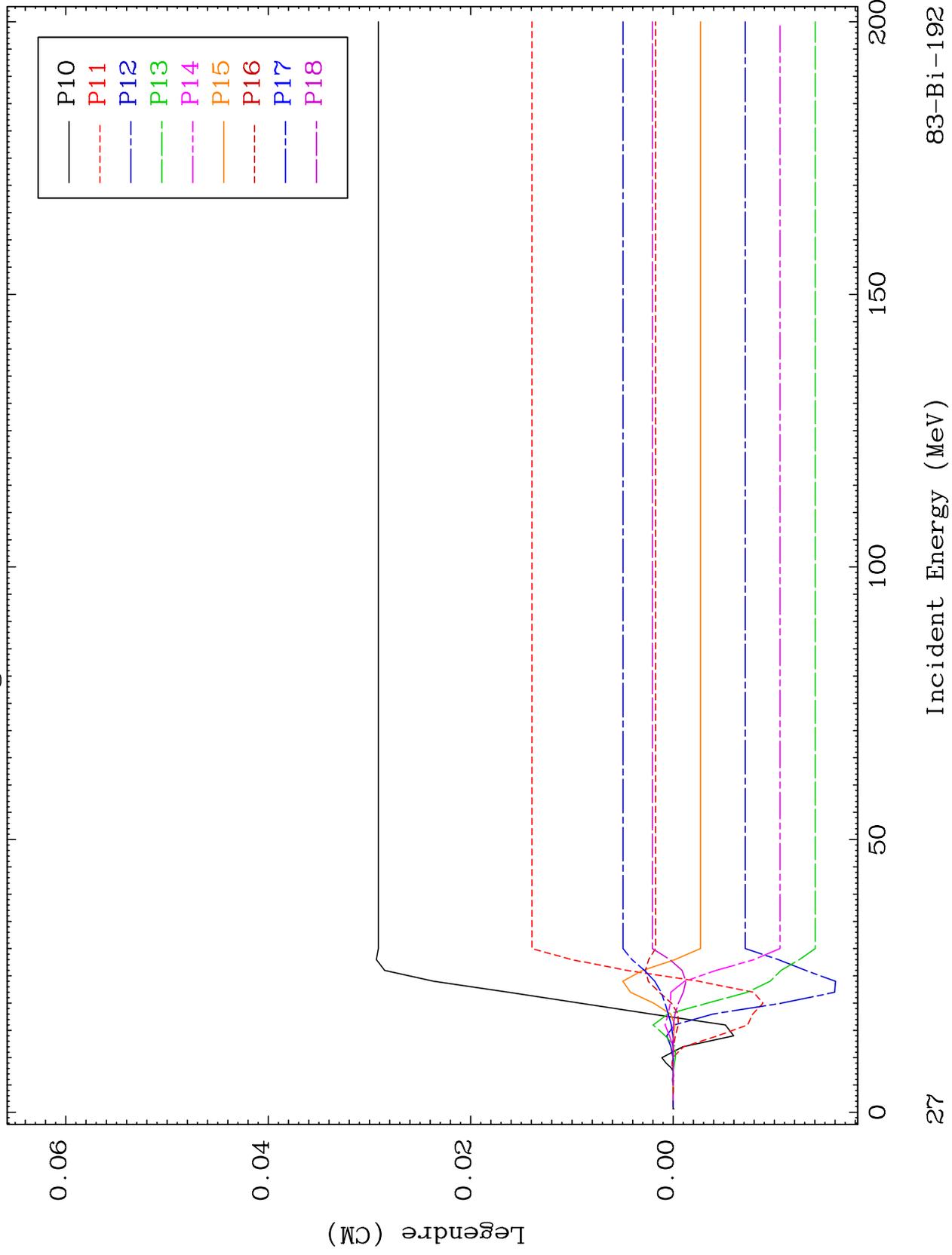
Incident Energy (MeV)

26

MAT 8274

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

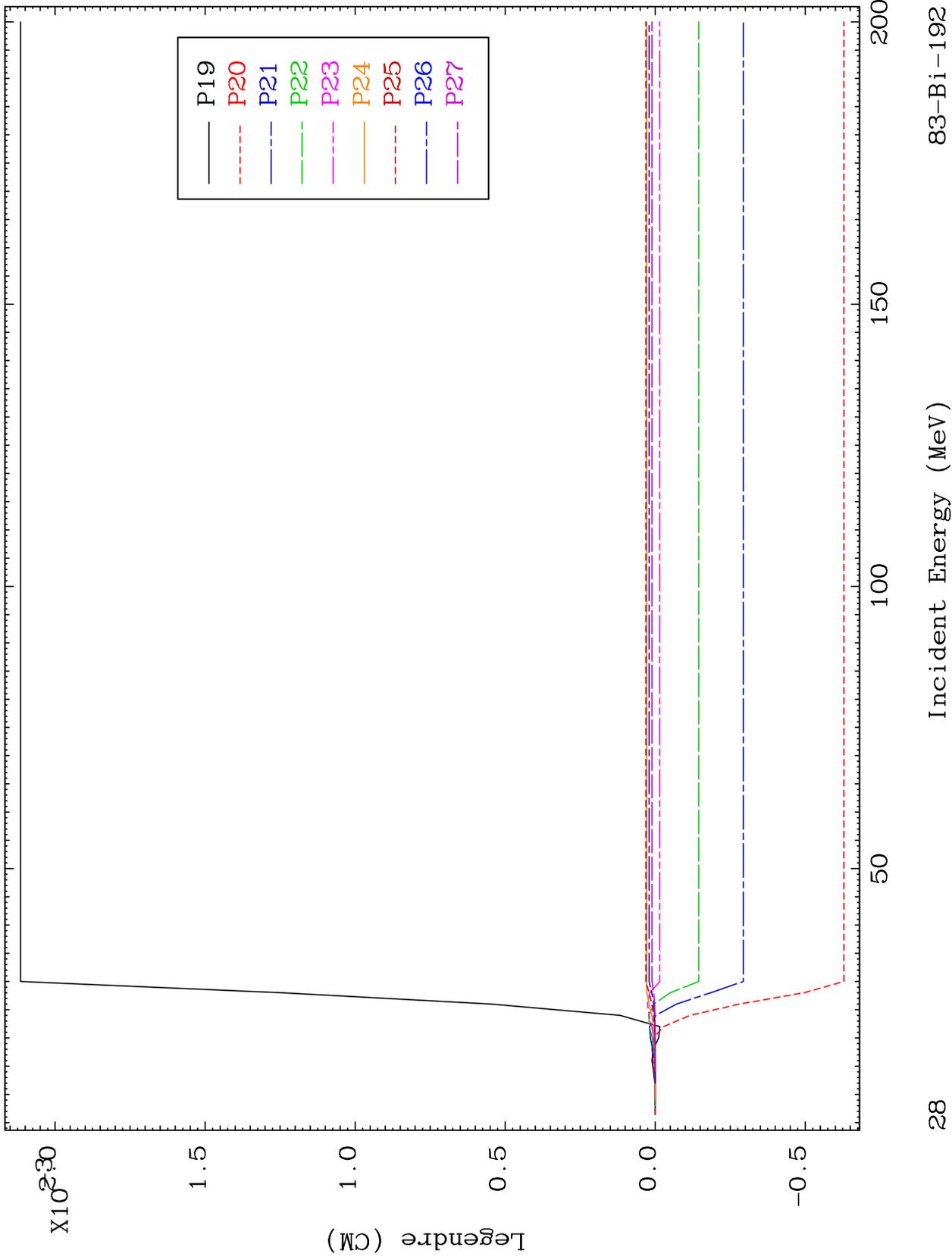
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Incident Energy (MeV)

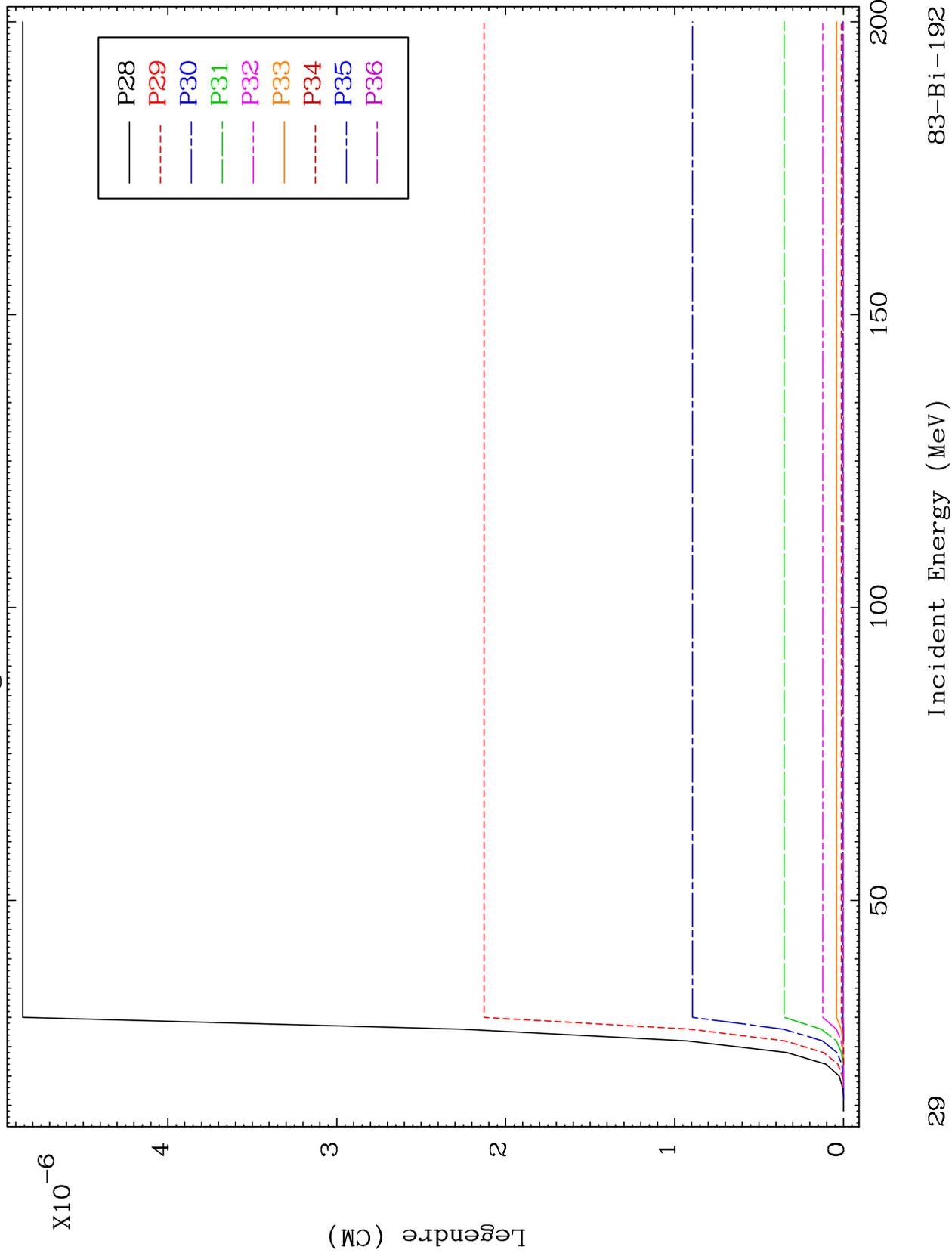
83-Bi-192



MAT 8274

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

83-Bi-192



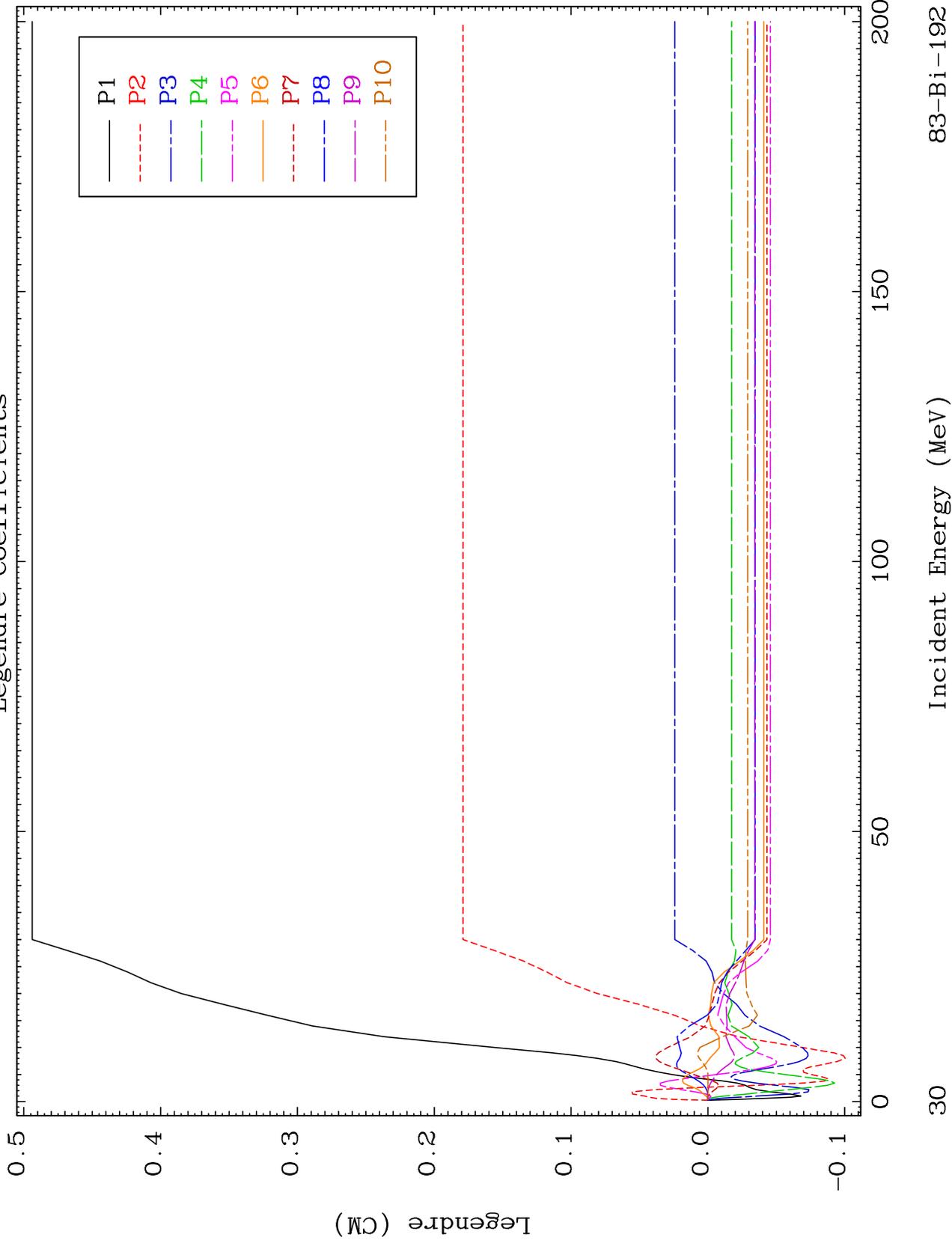
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83-Bi-192

MAT 8274

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

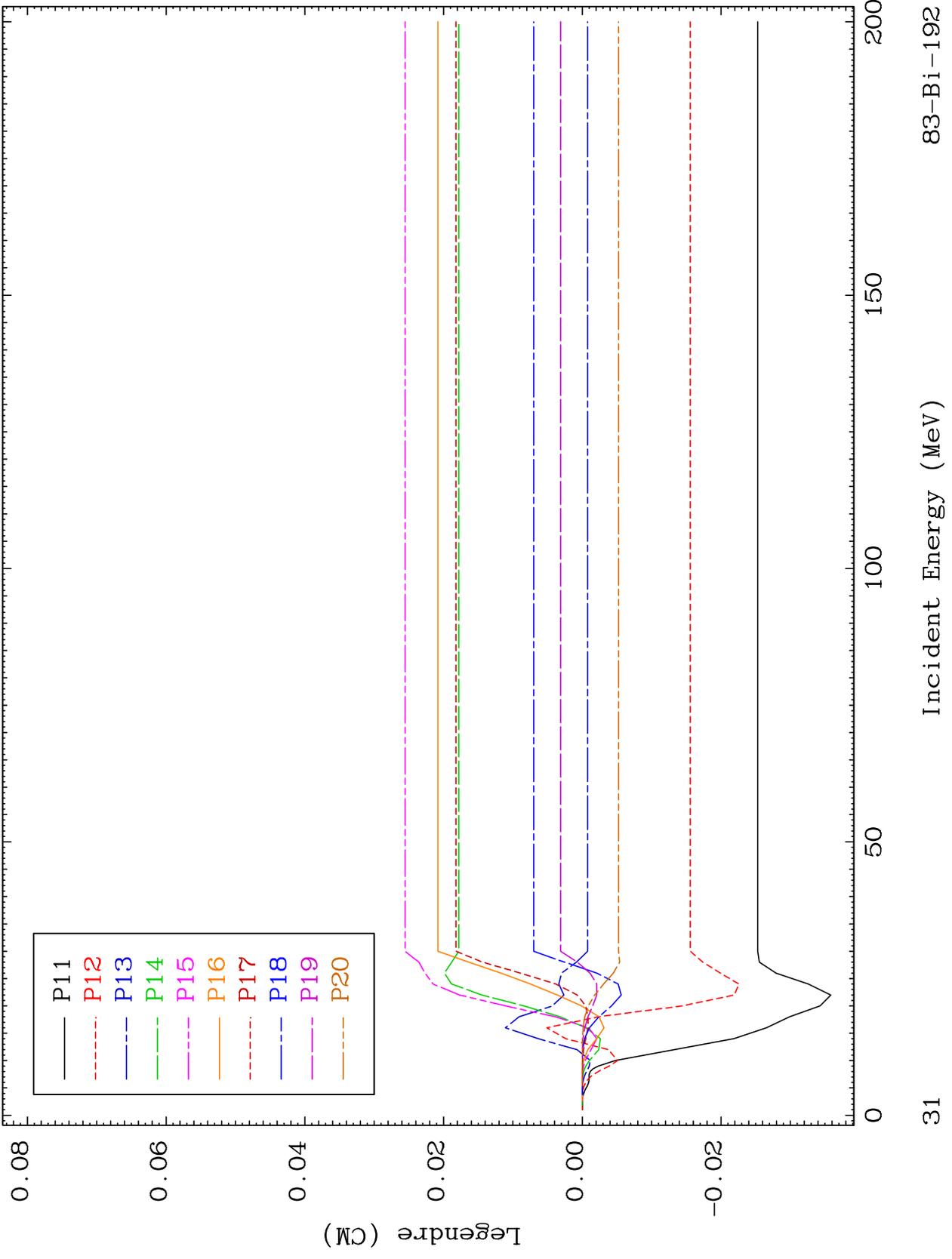
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MAT 8274

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

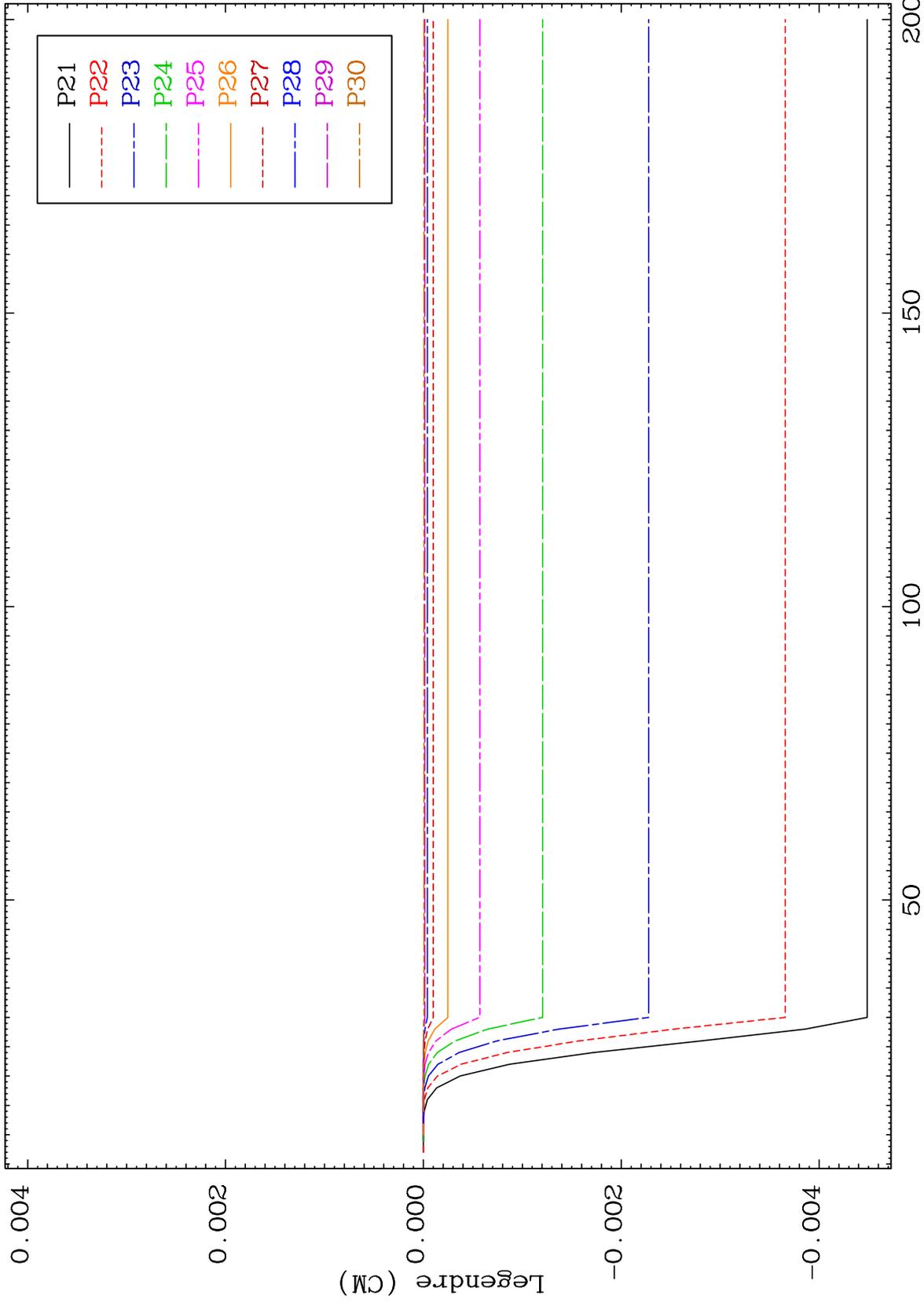
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MAT 8274

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

83-Bi-192



32

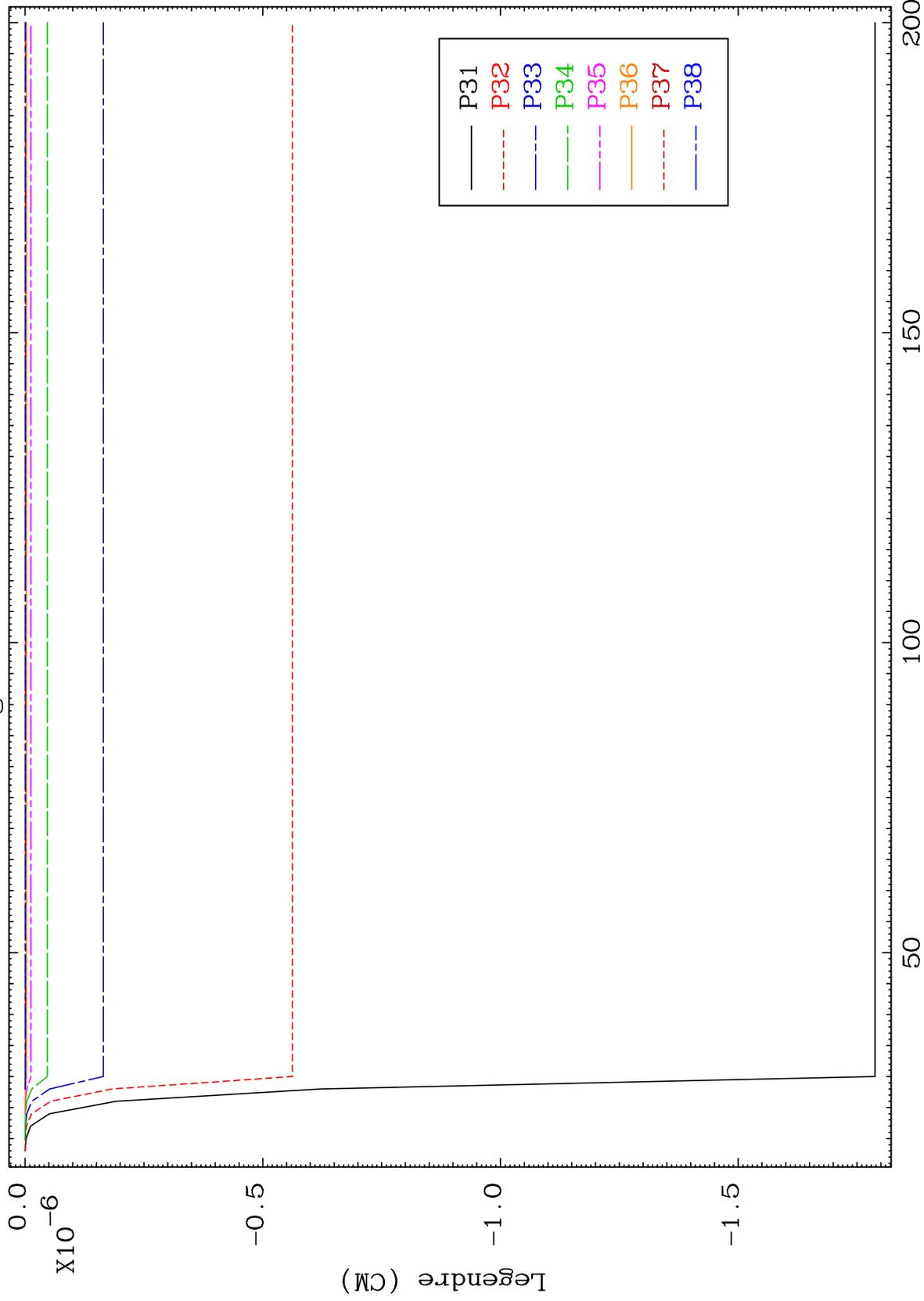
Incident Energy (MeV)

83-Bi-192

MAT 8274

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

83-Bi-192



33

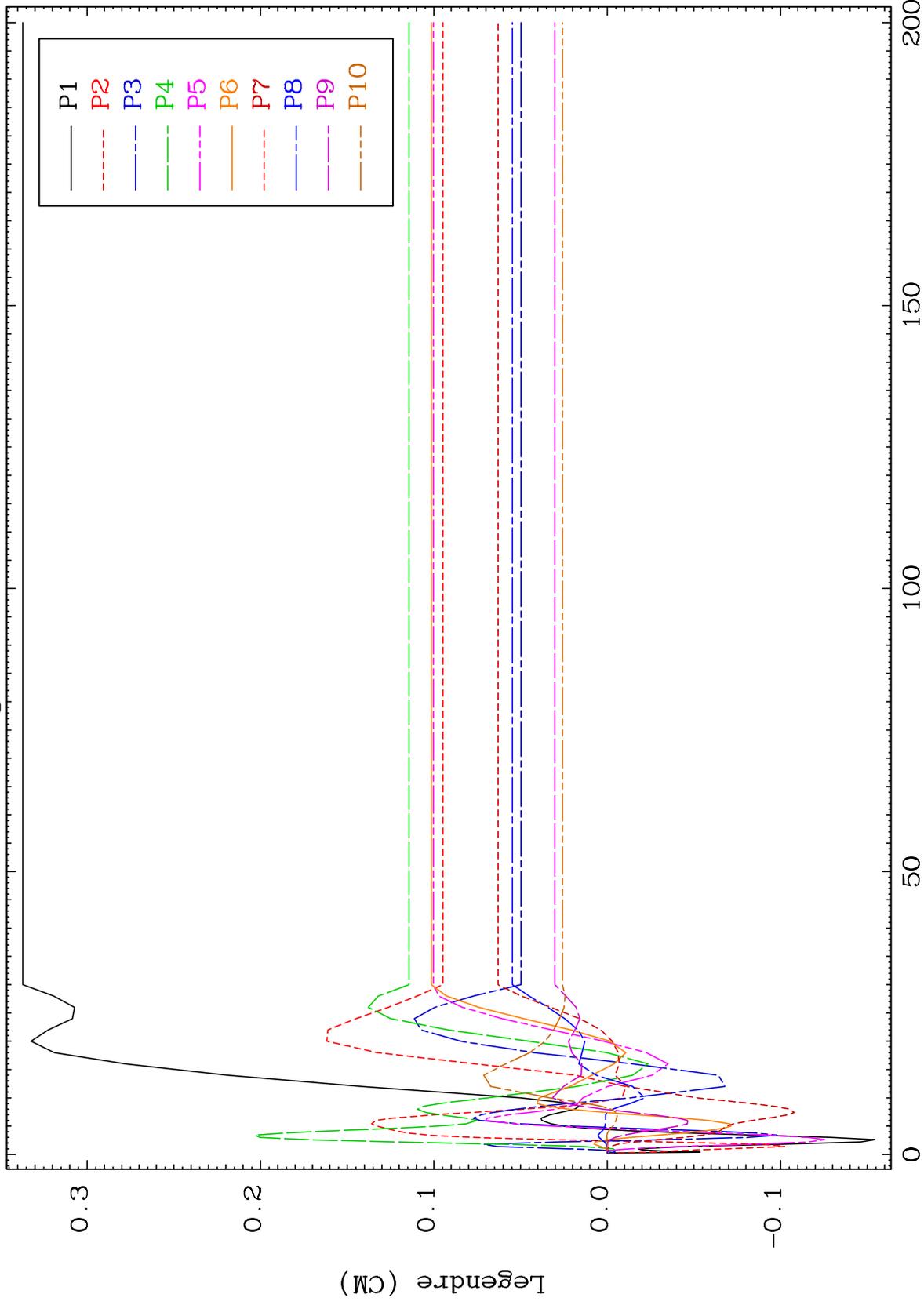
83-Bi-192

83-Bi-192

MAT 8274

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

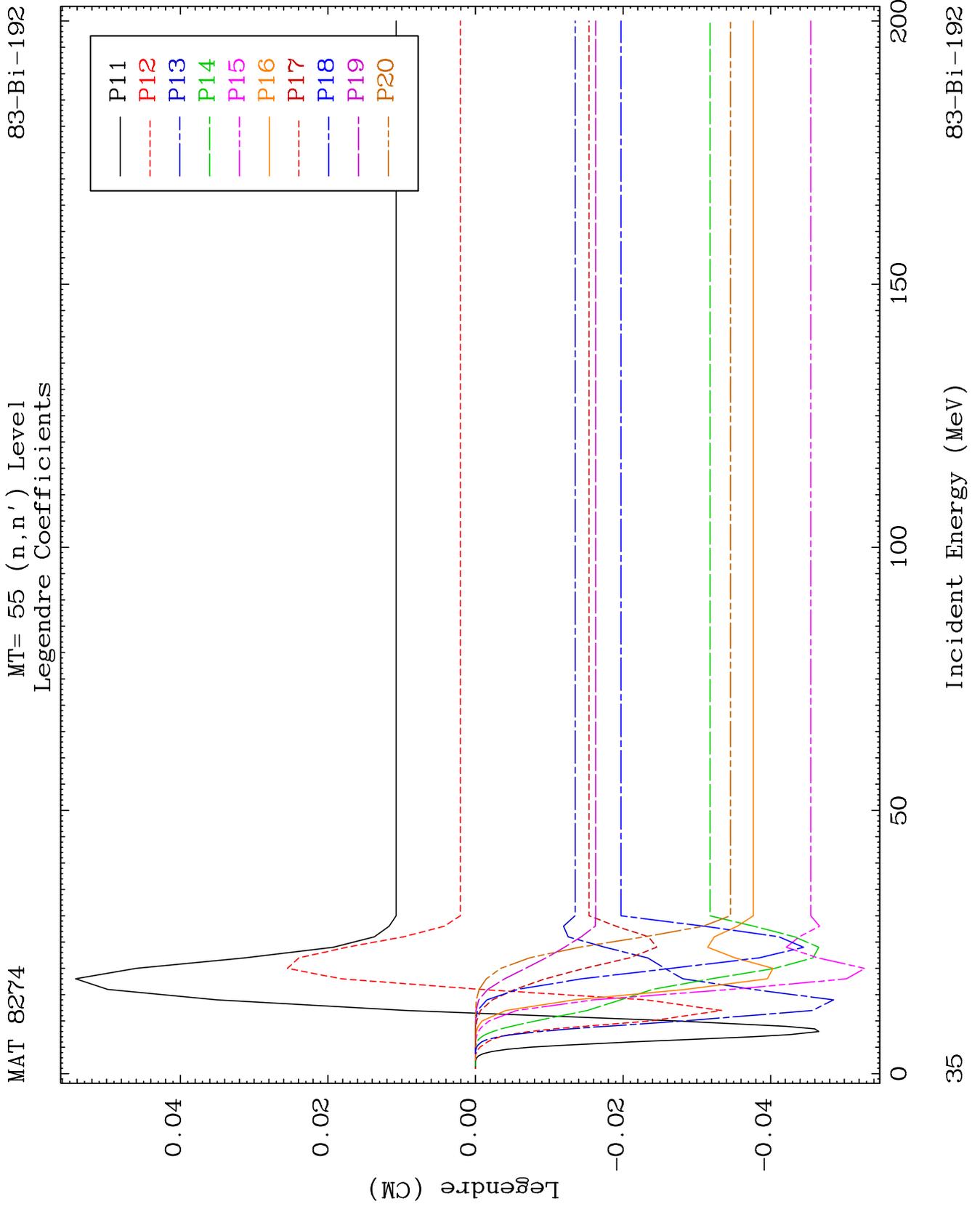
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34

Incident Energy (MeV)

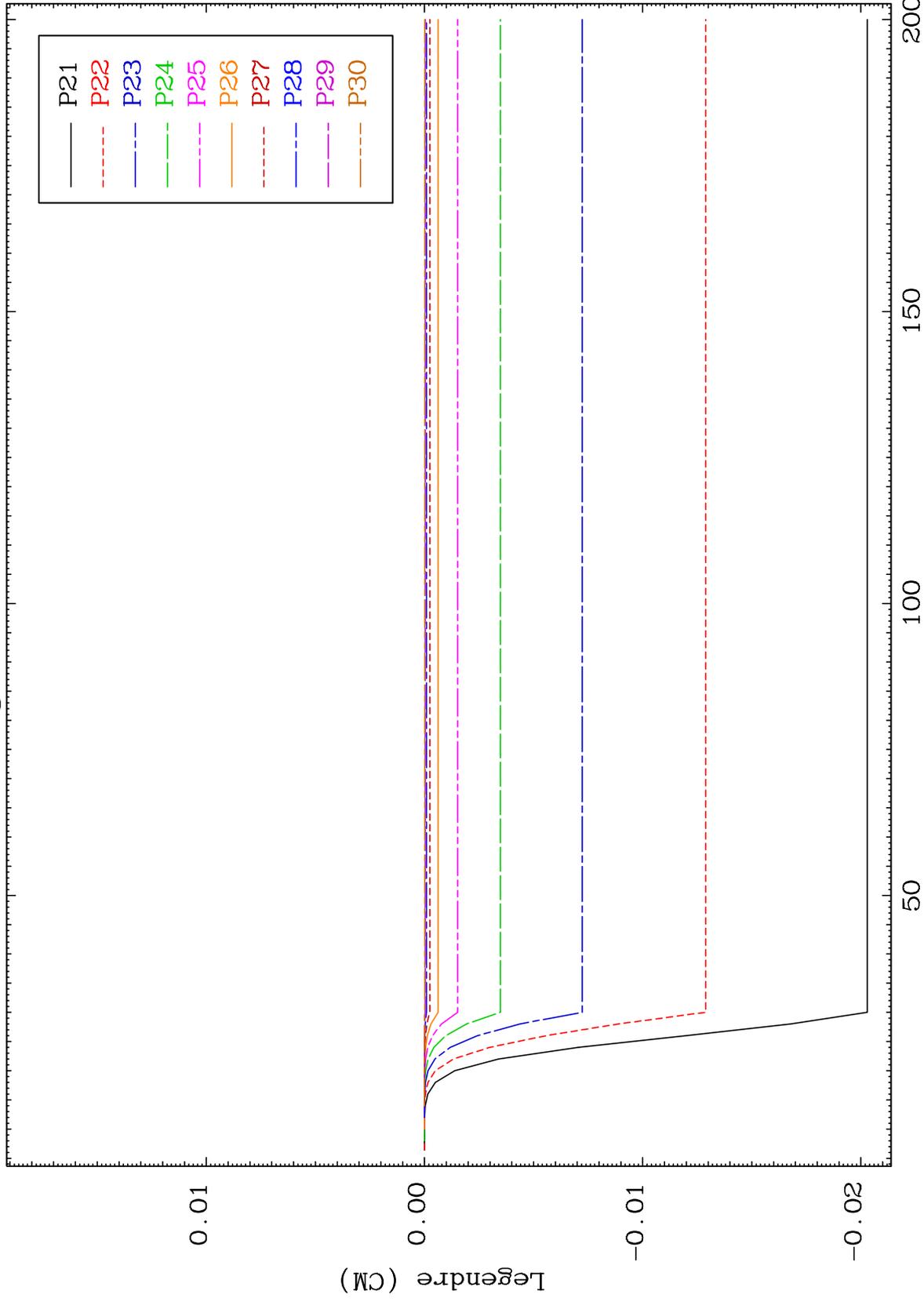
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MAT 8274

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

83-Bi-192



36

Incident Energy (MeV)

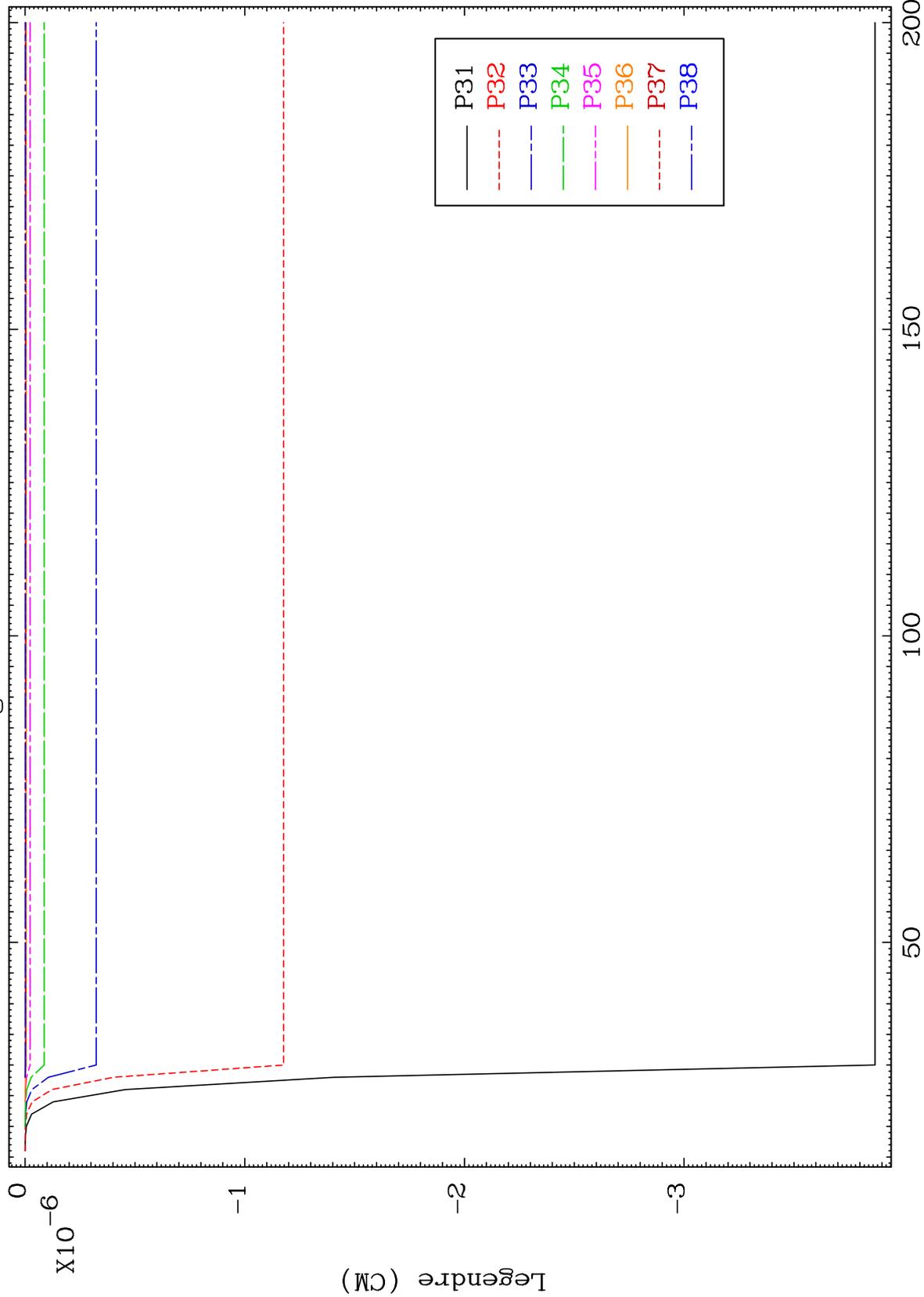
83-Bi-192

MAT 8274

MT= 55 (n,n') Level

83-Bi-192

Legendre Coefficients



37

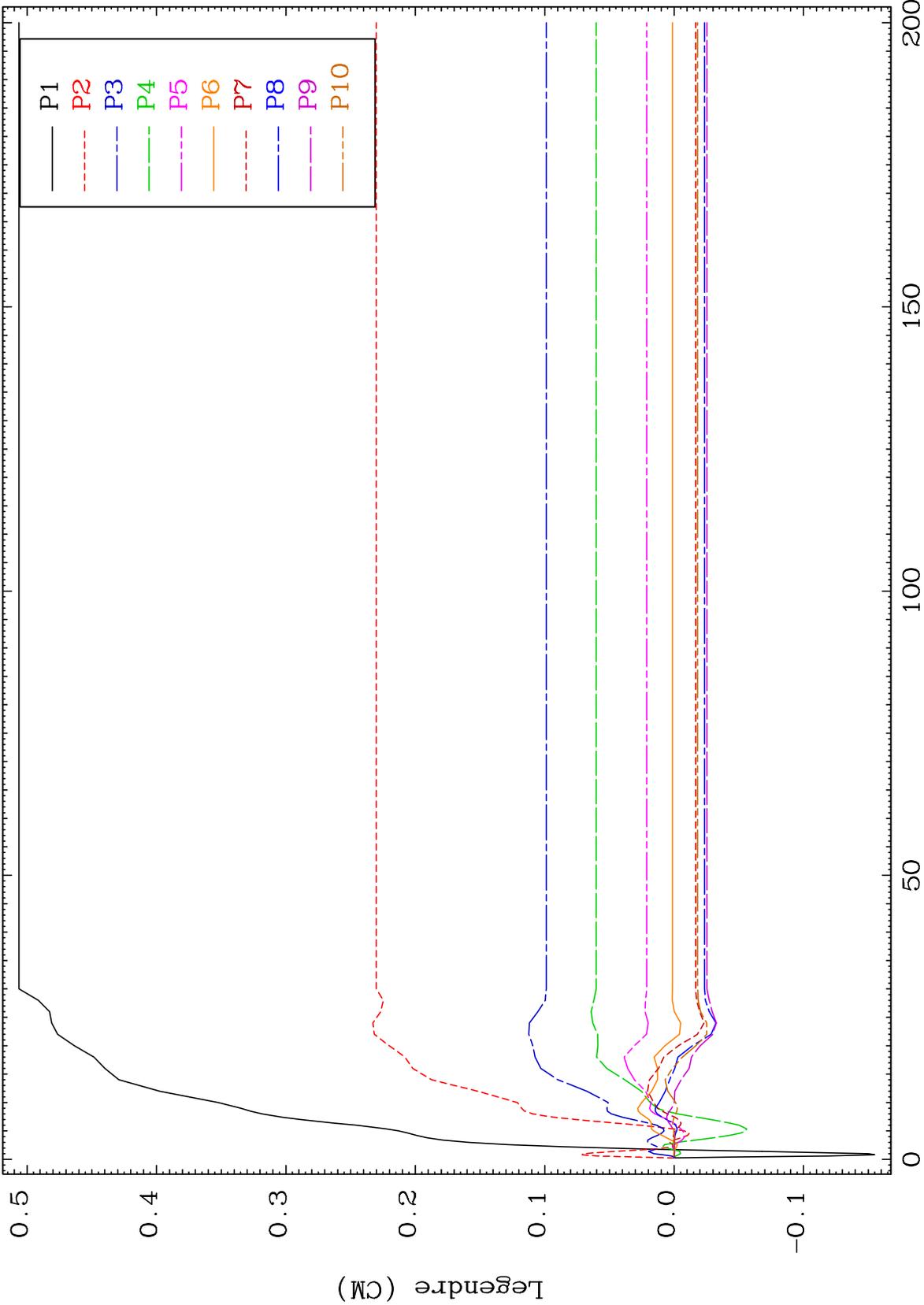
Incident Energy (MeV)

83-Bi-192

MAT 8274

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

83-Bi-192



38

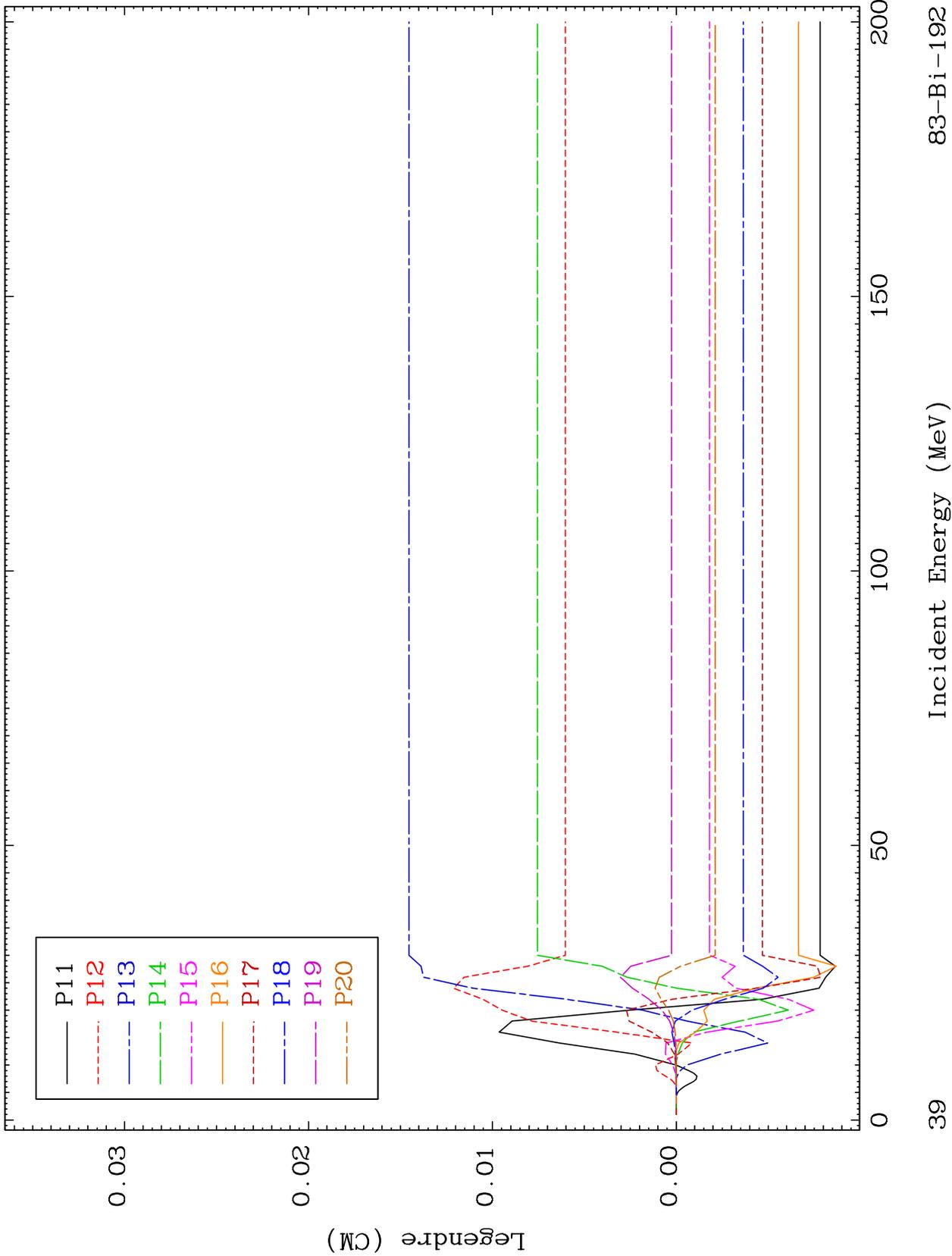
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83-Bi-192

MAT 8274

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

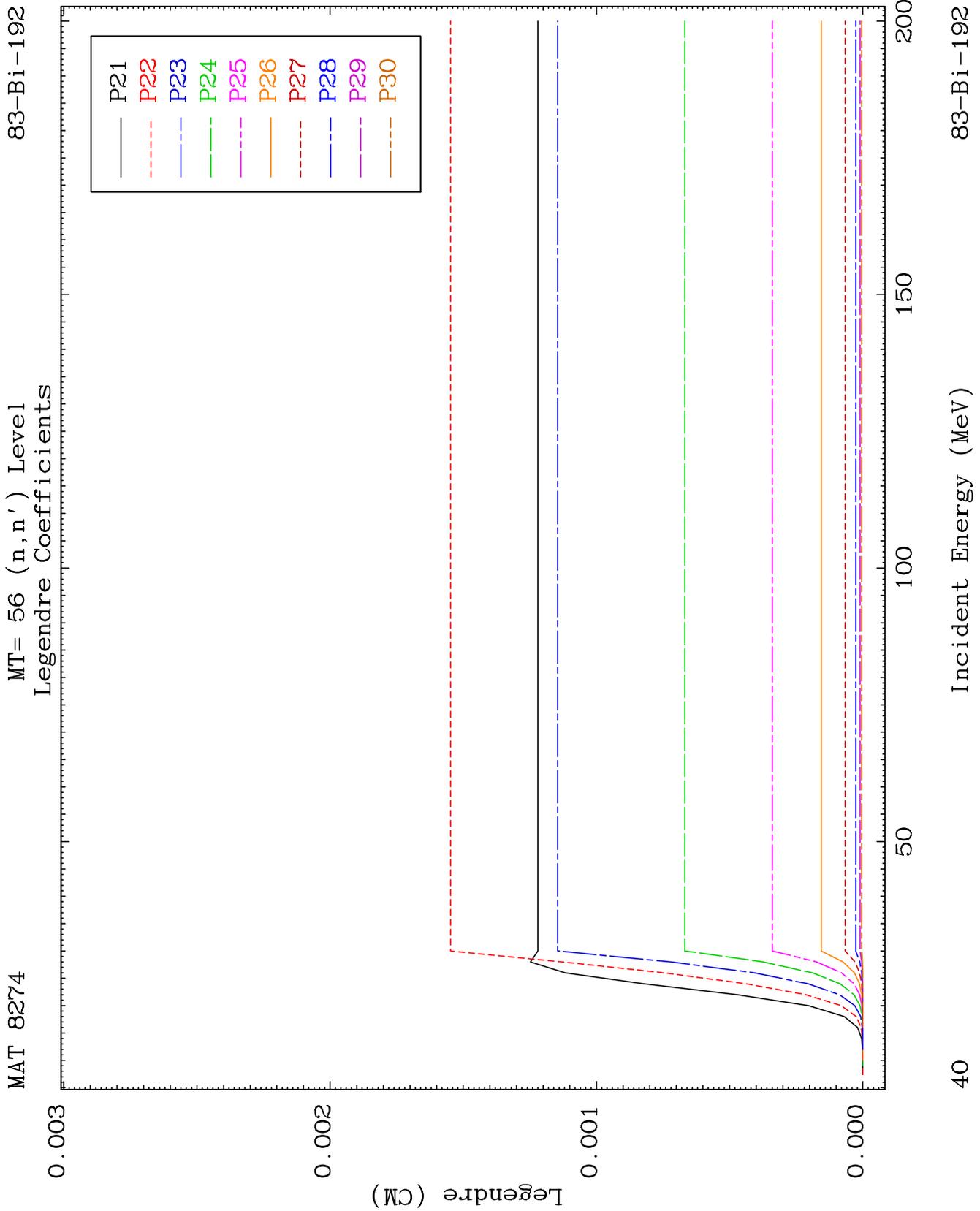
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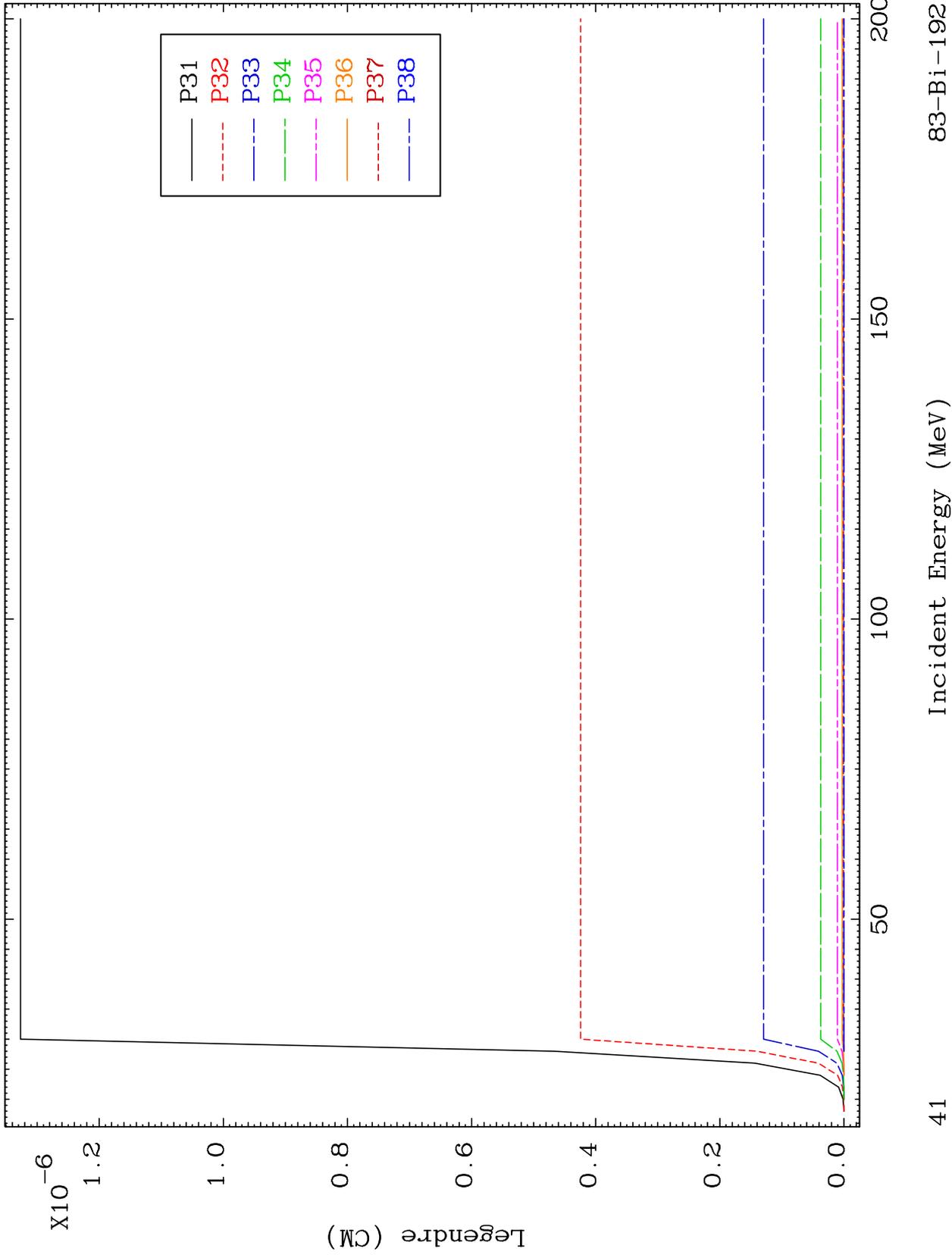
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MAT 8274

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

83-Bi-192



41

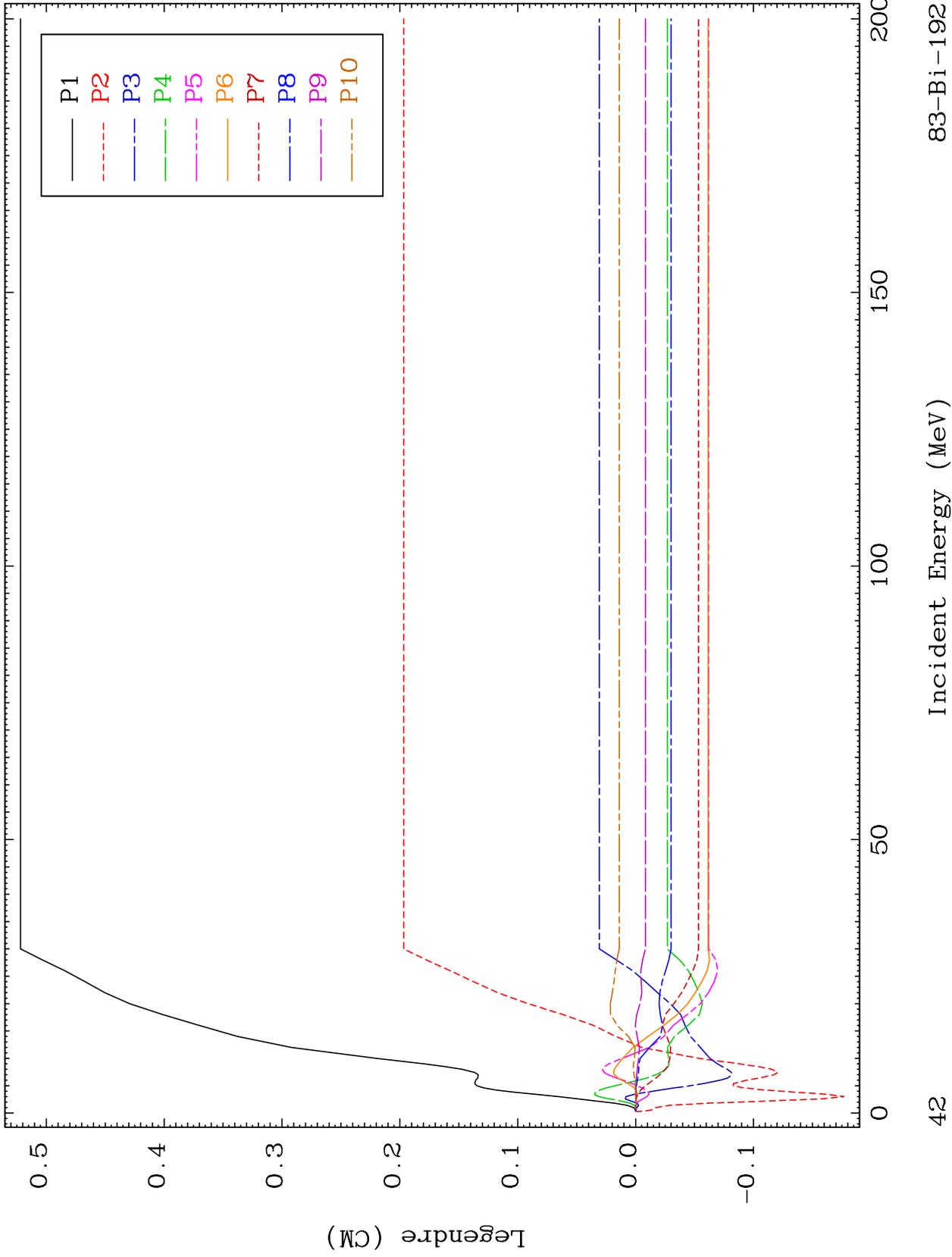
Incident Energy (MeV)

83-Bi-192

MAT 8274

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

83-Bi-192



83-Bi-192

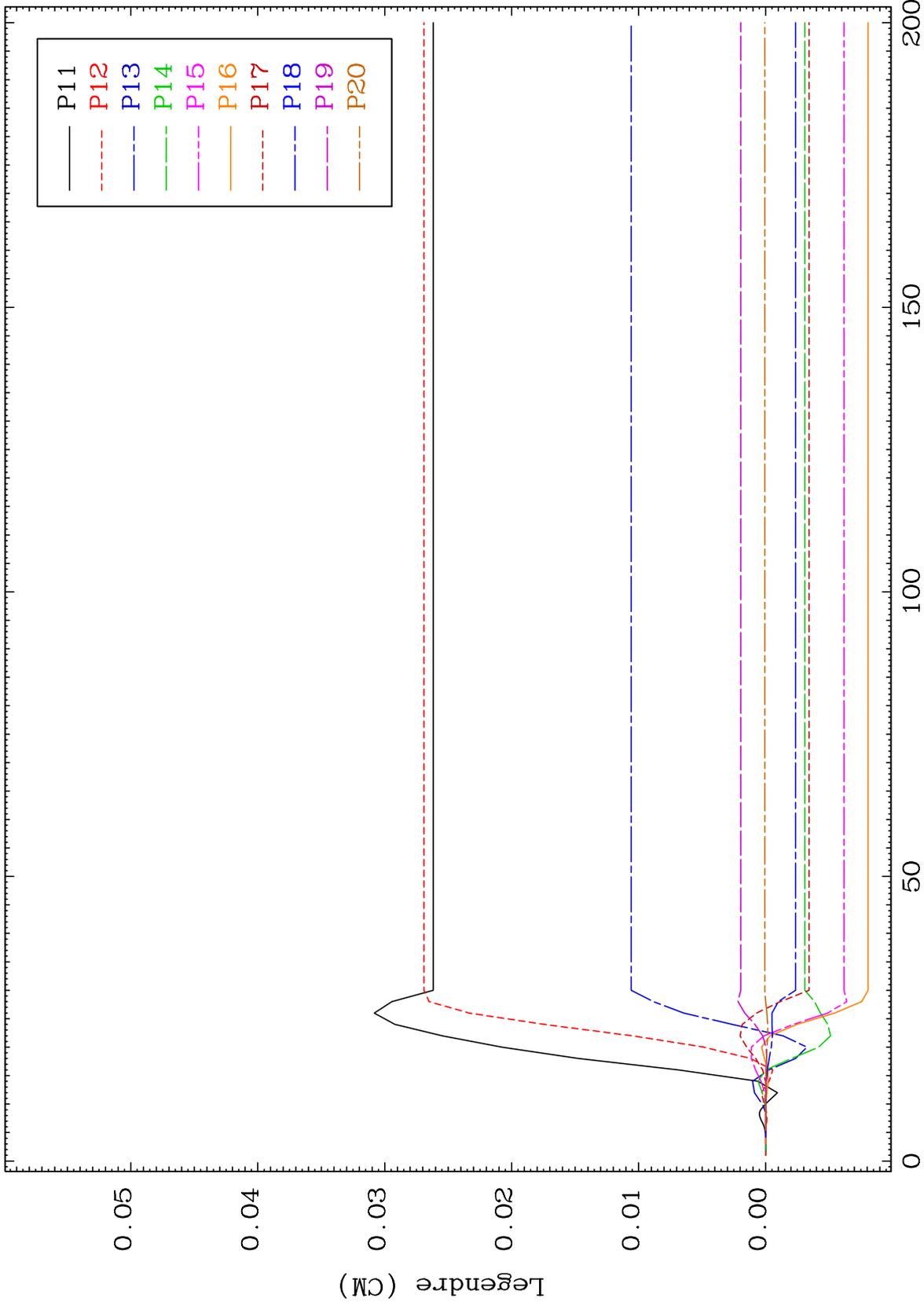
Incident Energy (MeV)

42

MAT 8274

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

83-Bi-192



43

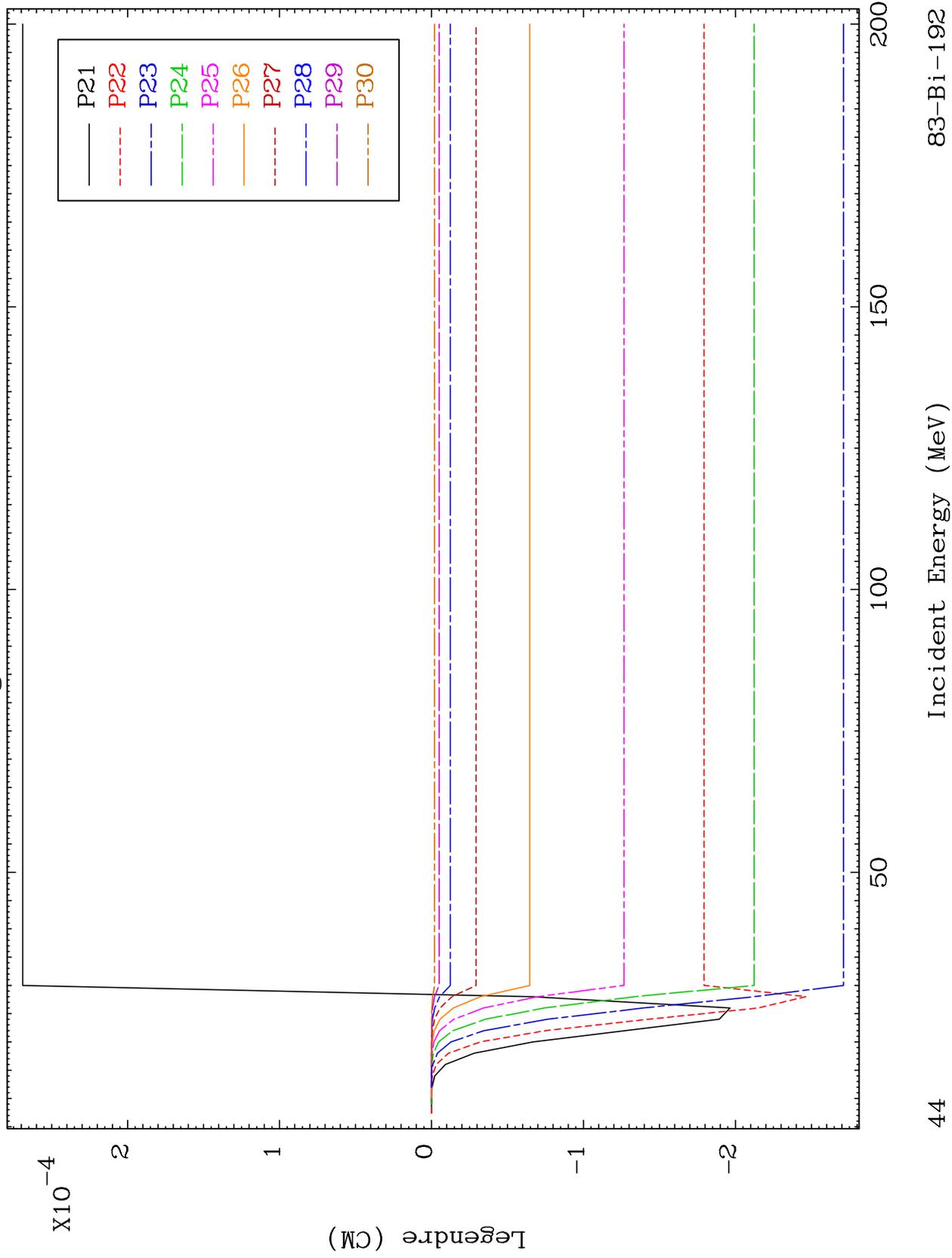
Incident Energy (MeV)

83-Bi-192

MAT 8274

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

83-Bi-192



44

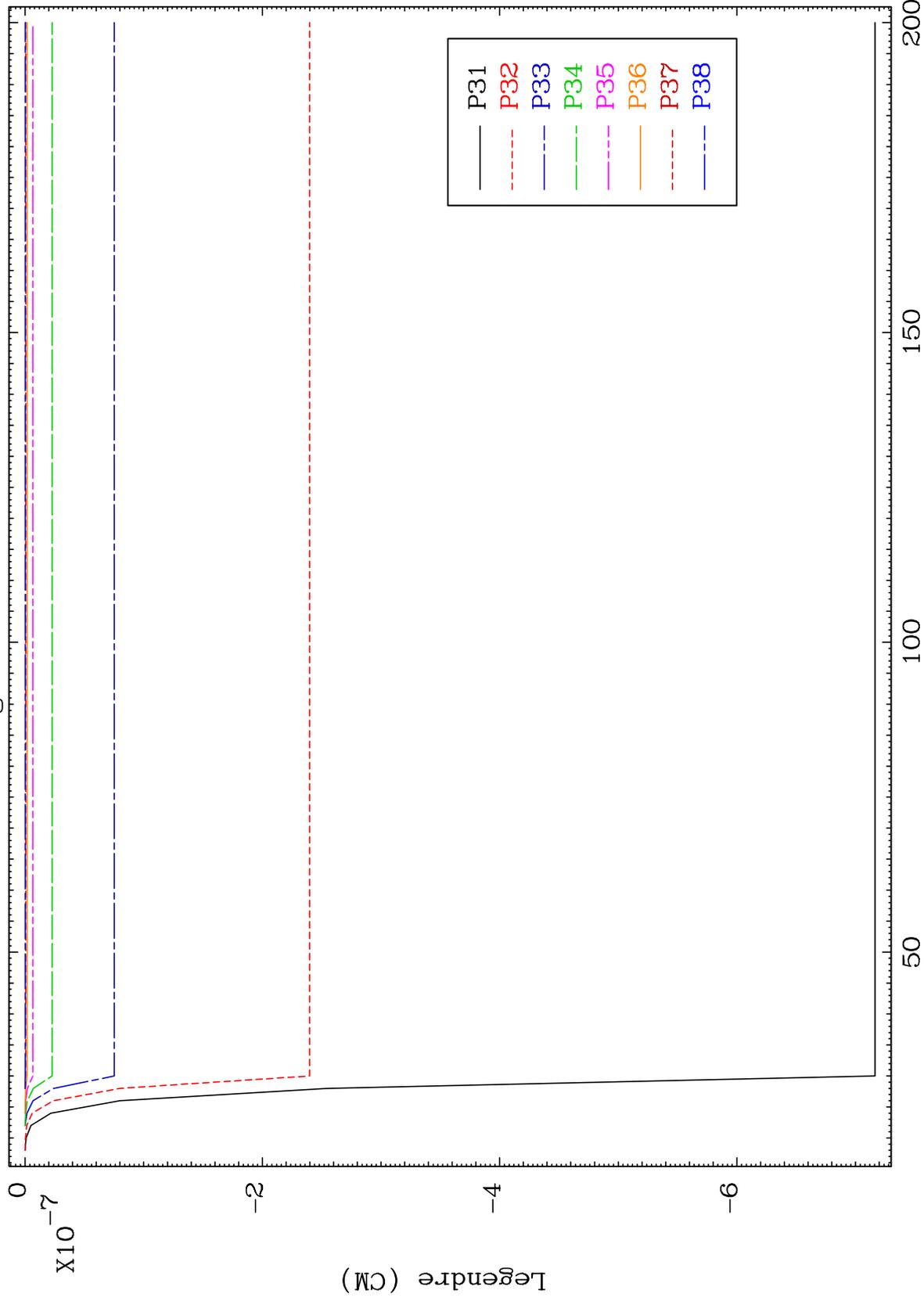
Incident Energy (MeV)

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MAT 8274

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

83-Bi-192



45

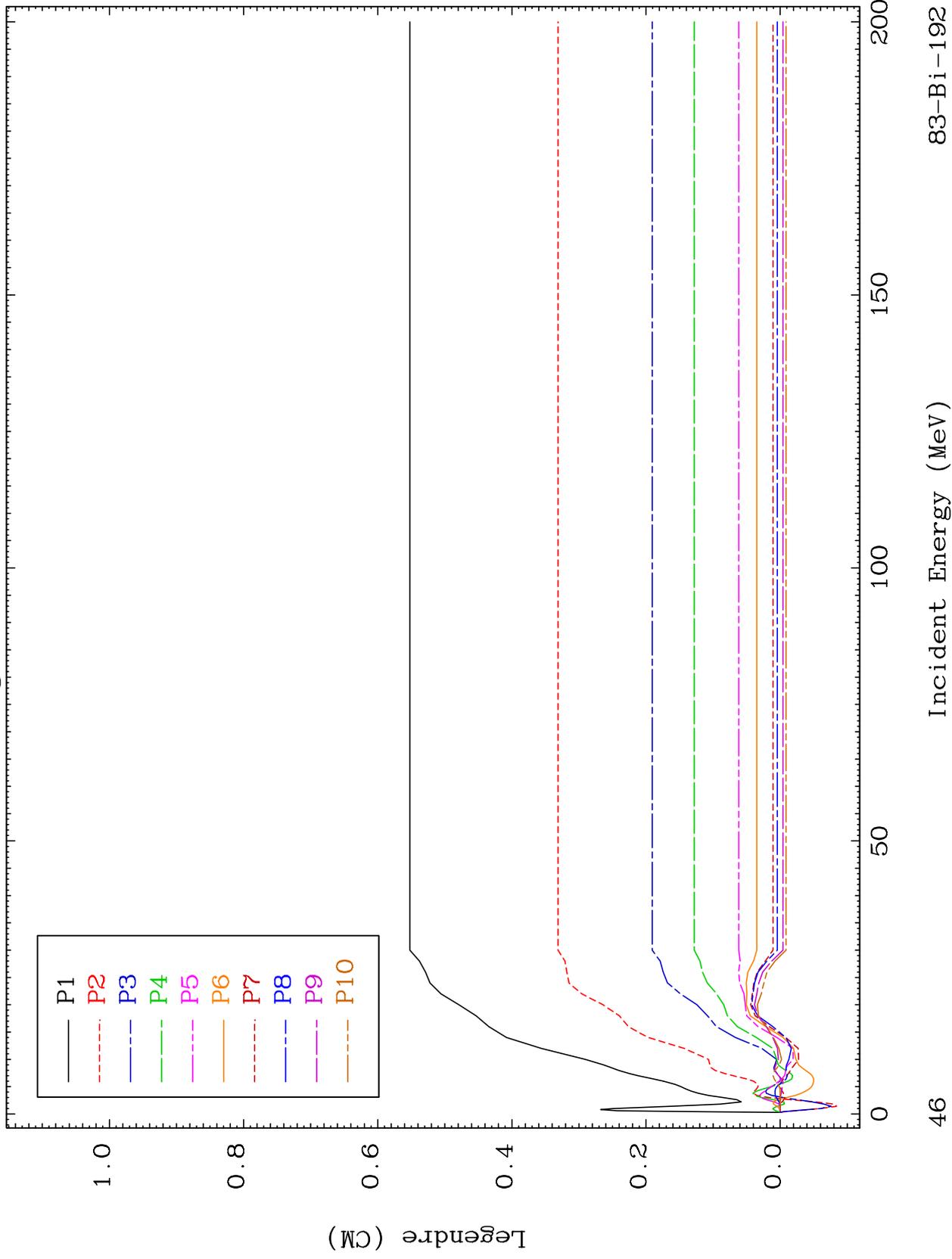
Incident Energy (MeV)

83-Bi-192

MAT 8274

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

83-Bi-192



83-Bi-192

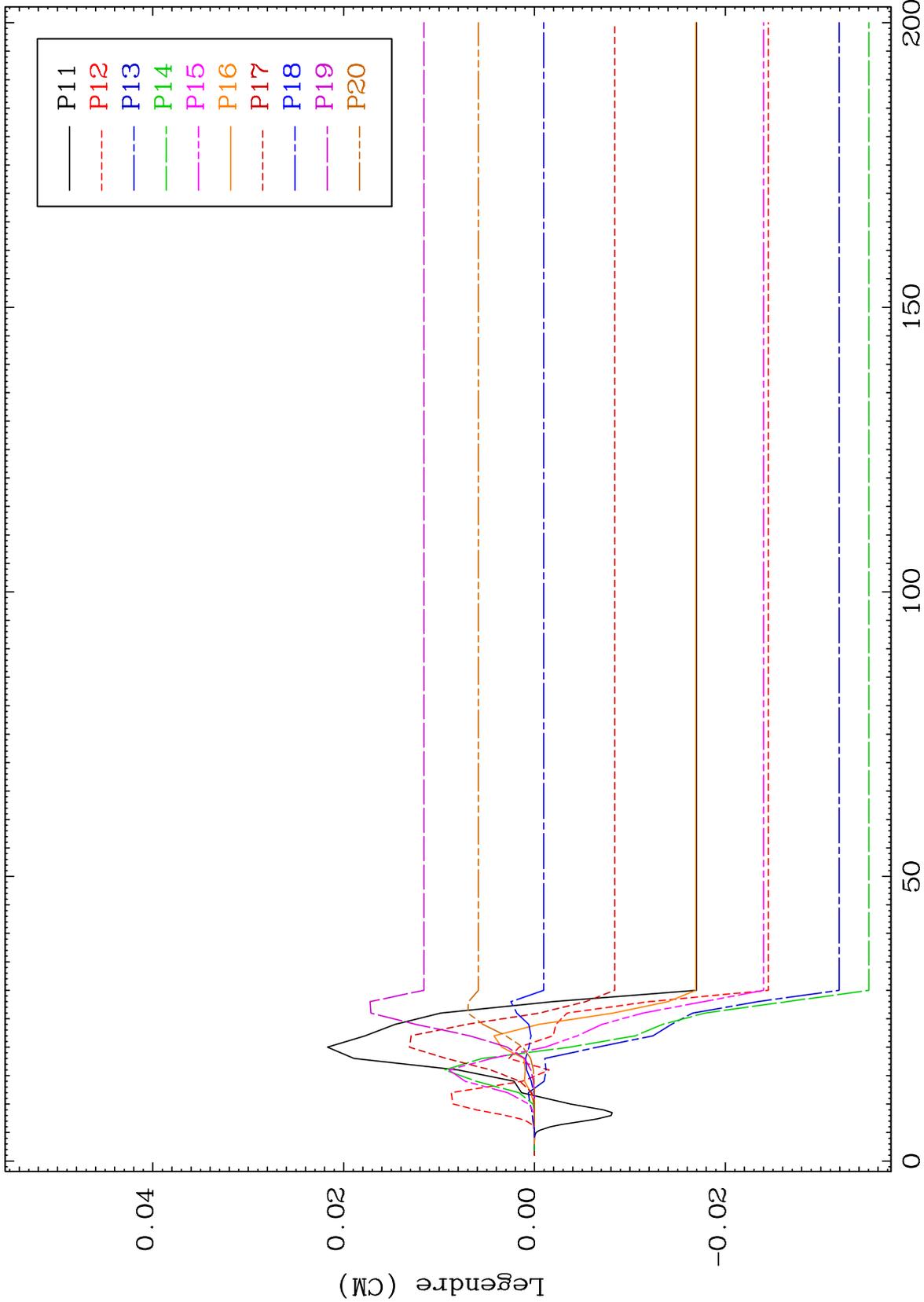
Incident Energy (MeV)

46

MAT 8274

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

83-Bi-192



47

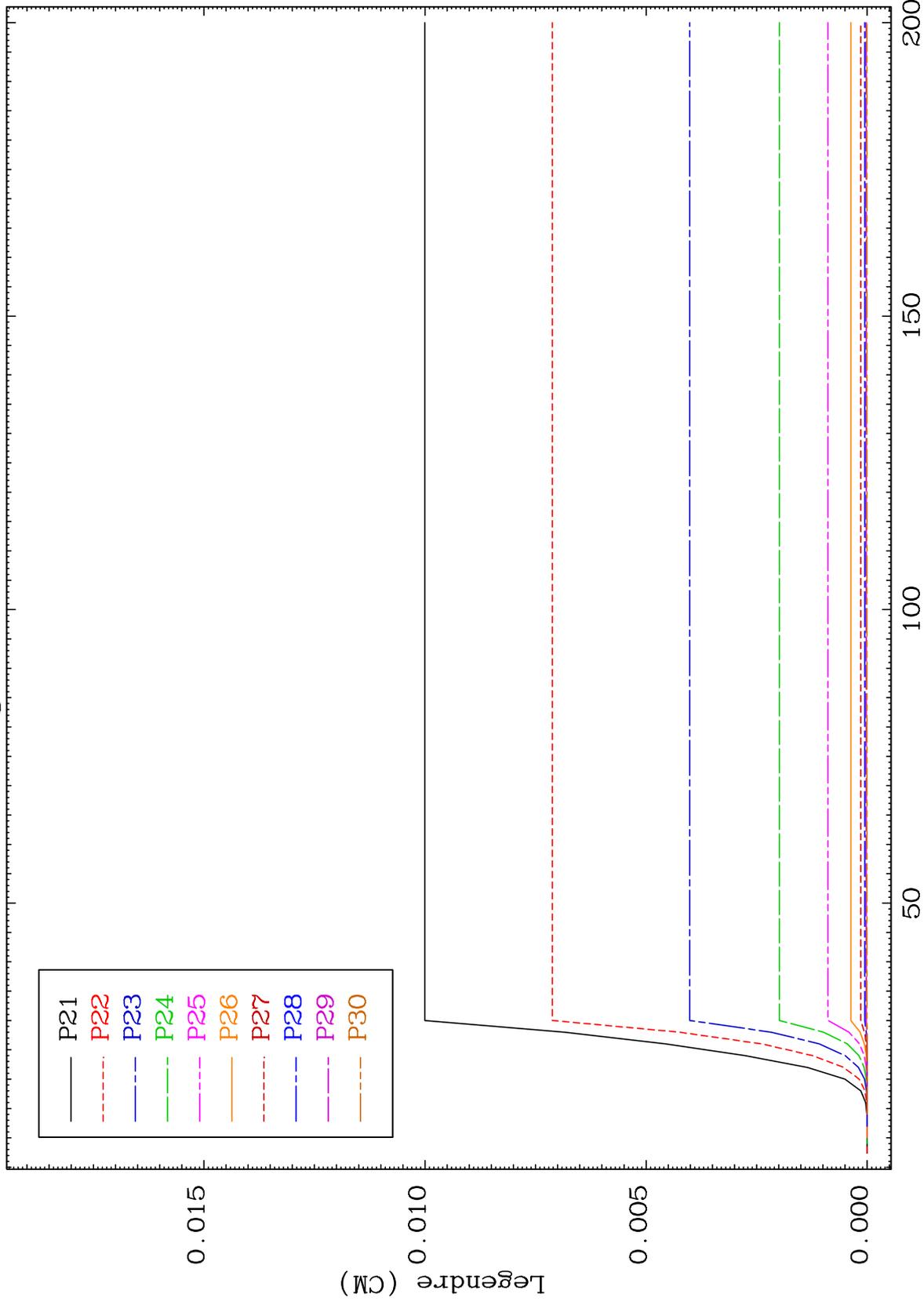
Incident Energy (MeV)

83-Bi-192

MAT 8274

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

83-Bi-192



48

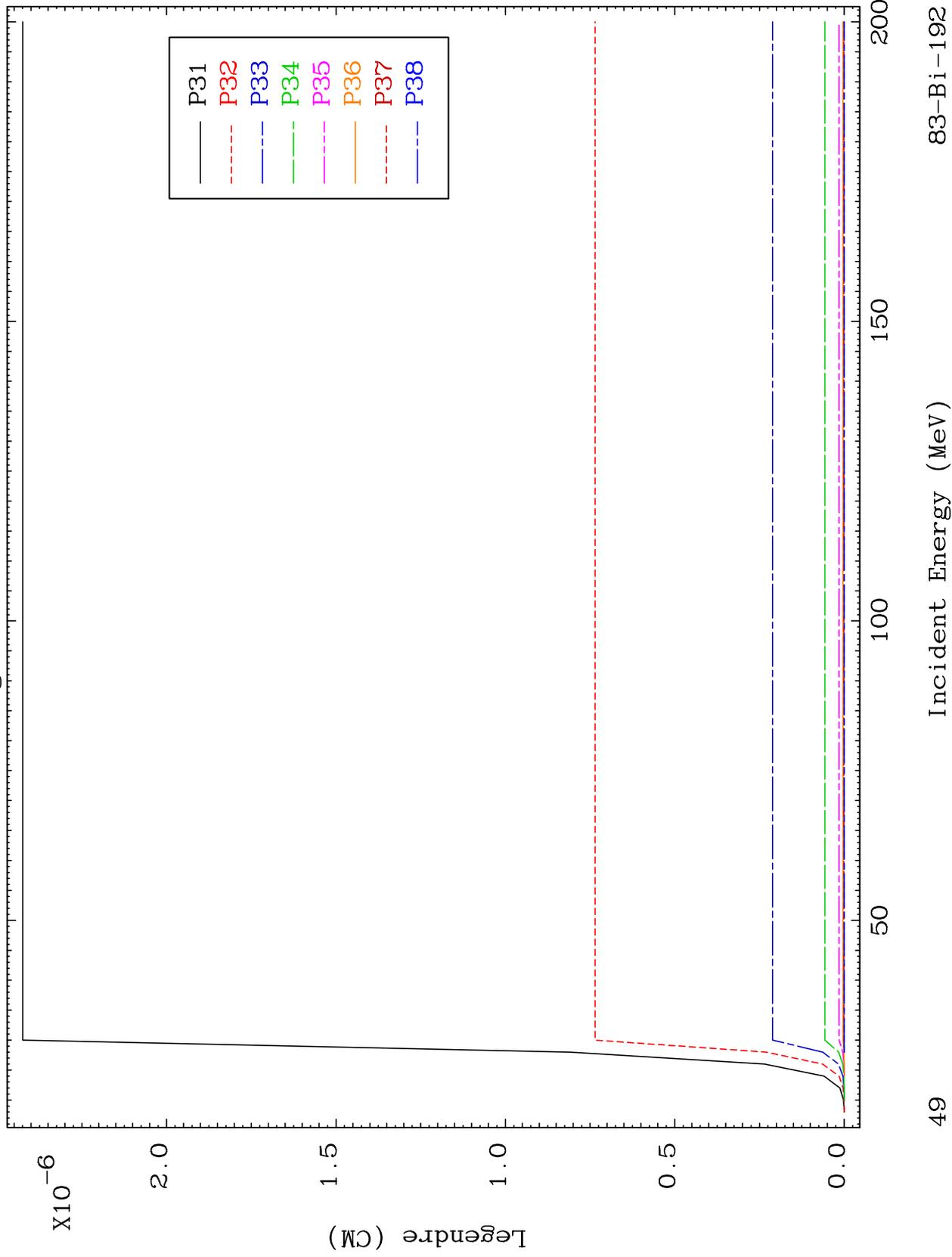
Incident Energy (MeV)

83-Bi-192

MAT 8274

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

83-Bi-192

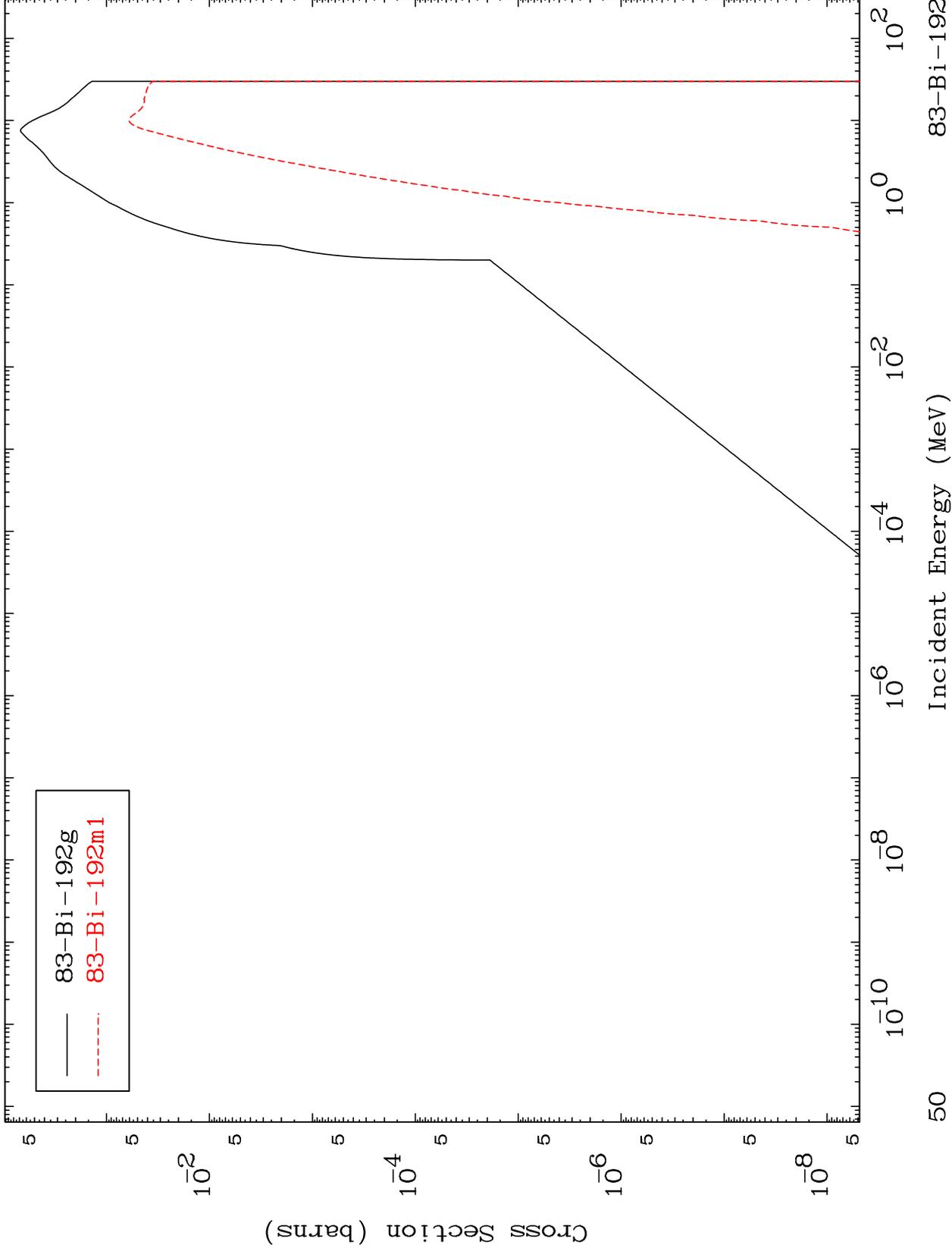


49

MAT 8274

Inelastic
Radionuclide Production Cross Section

83-Bi-192



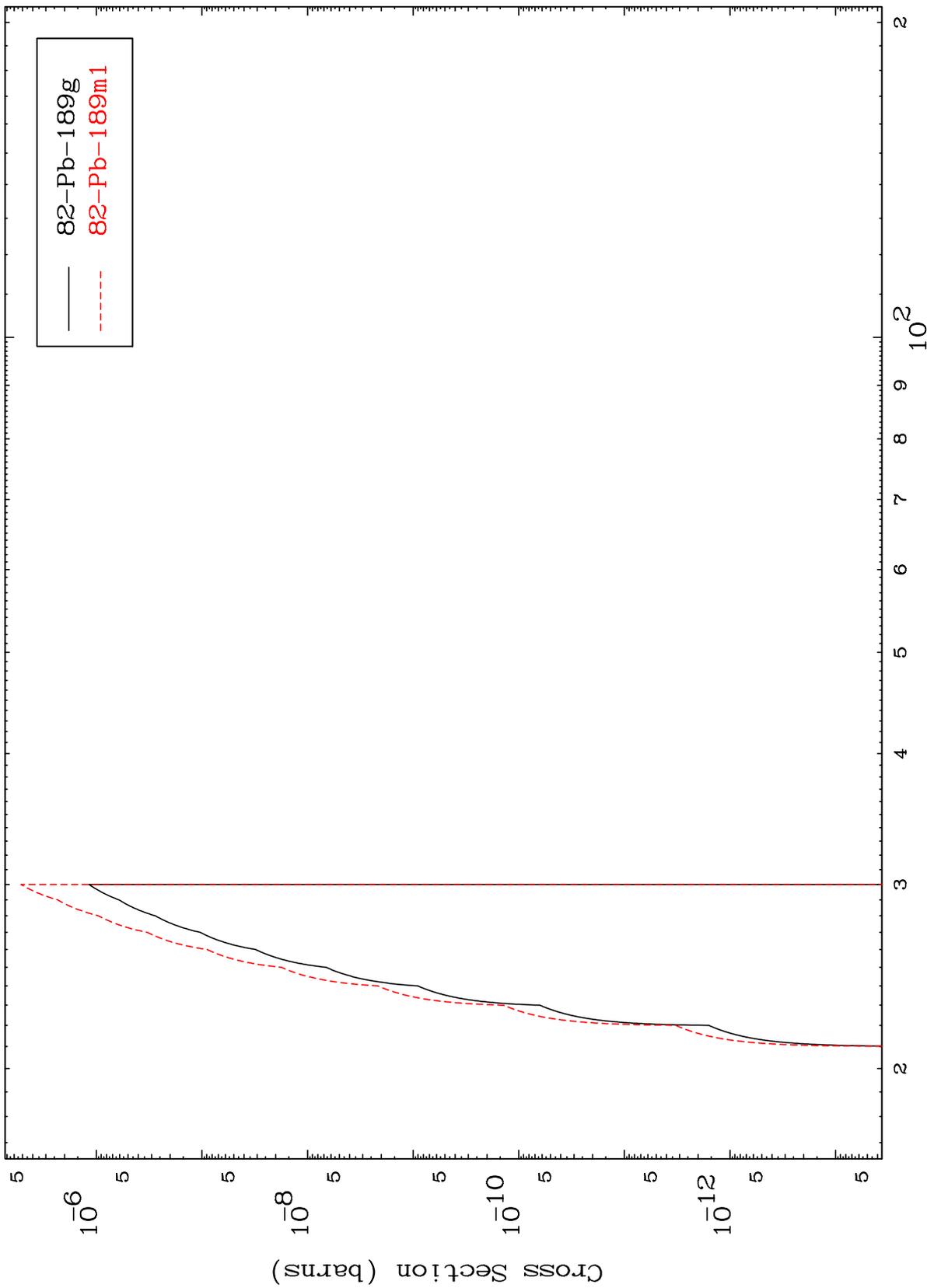
83-Bi-192

MAT 8274

(n,2n) d

83-Bi-192

Radionuclide Production Cross Section

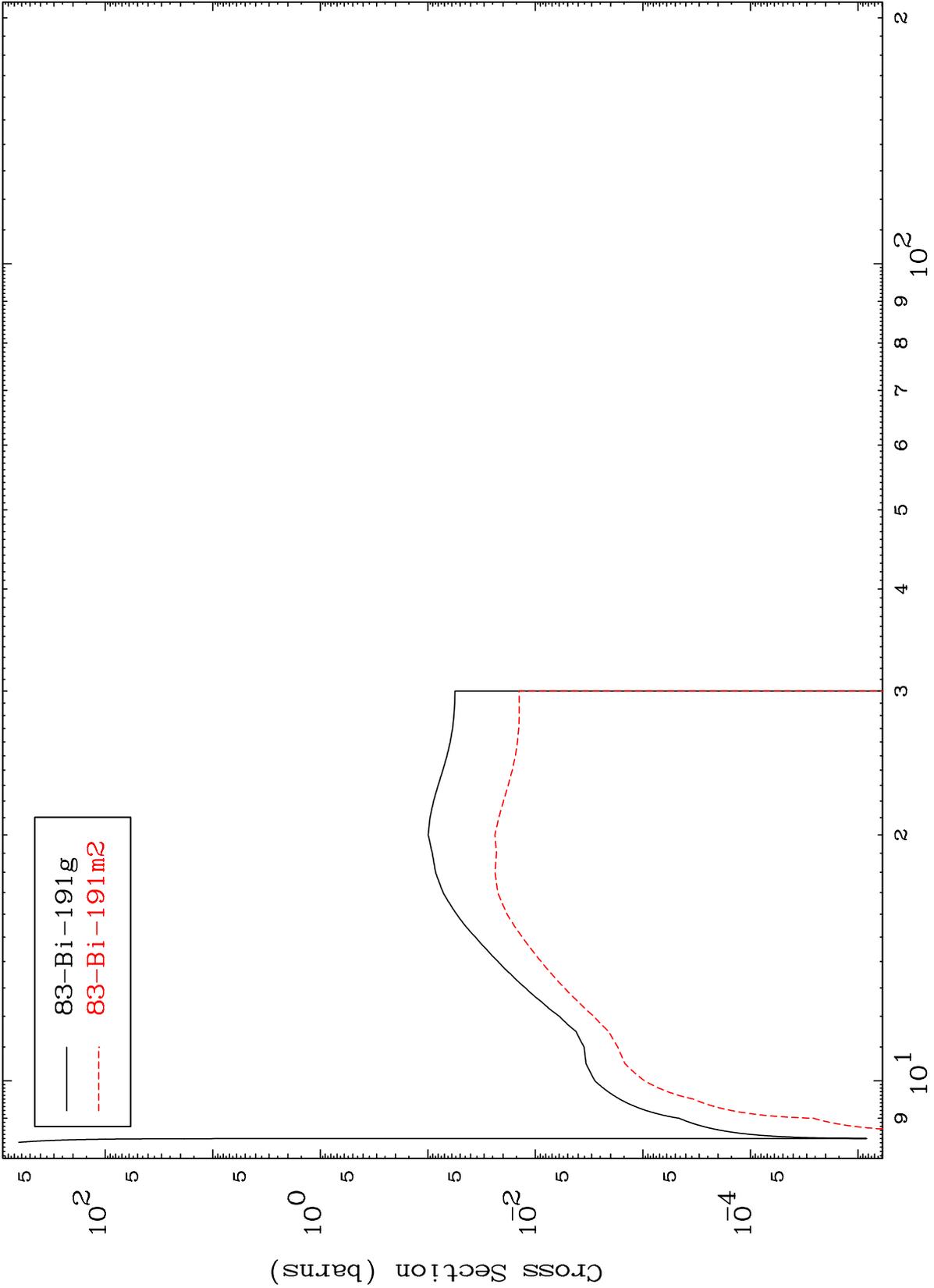


MAT 8274

(n,2n)

83-Bi-192

Radionuclide Production Cross Section



52

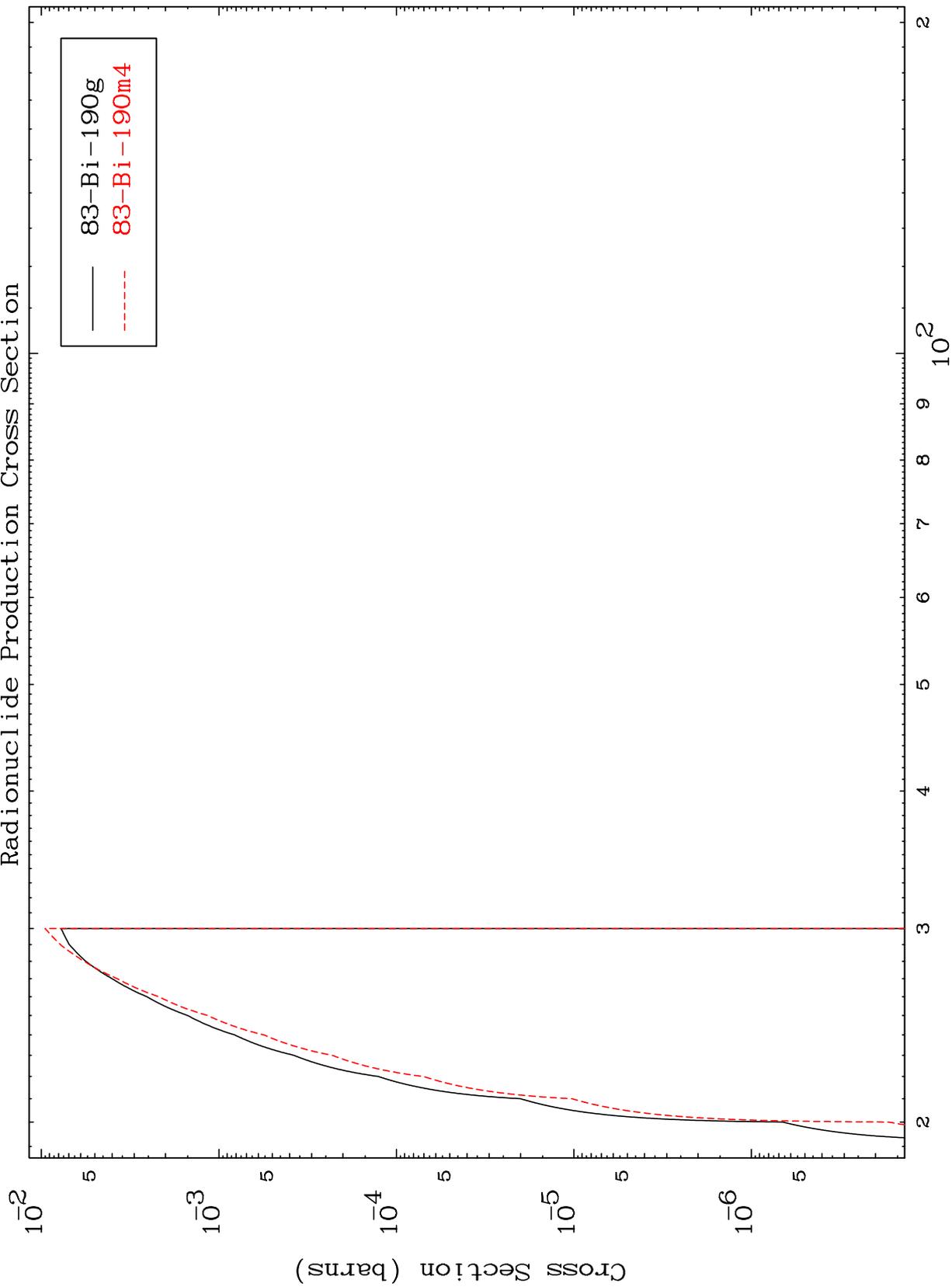
Incident Energy (MeV)

83-Bi-192

MAT 8274

83-Bi-192

(n,3n)
Radionuclide Production Cross Section



53

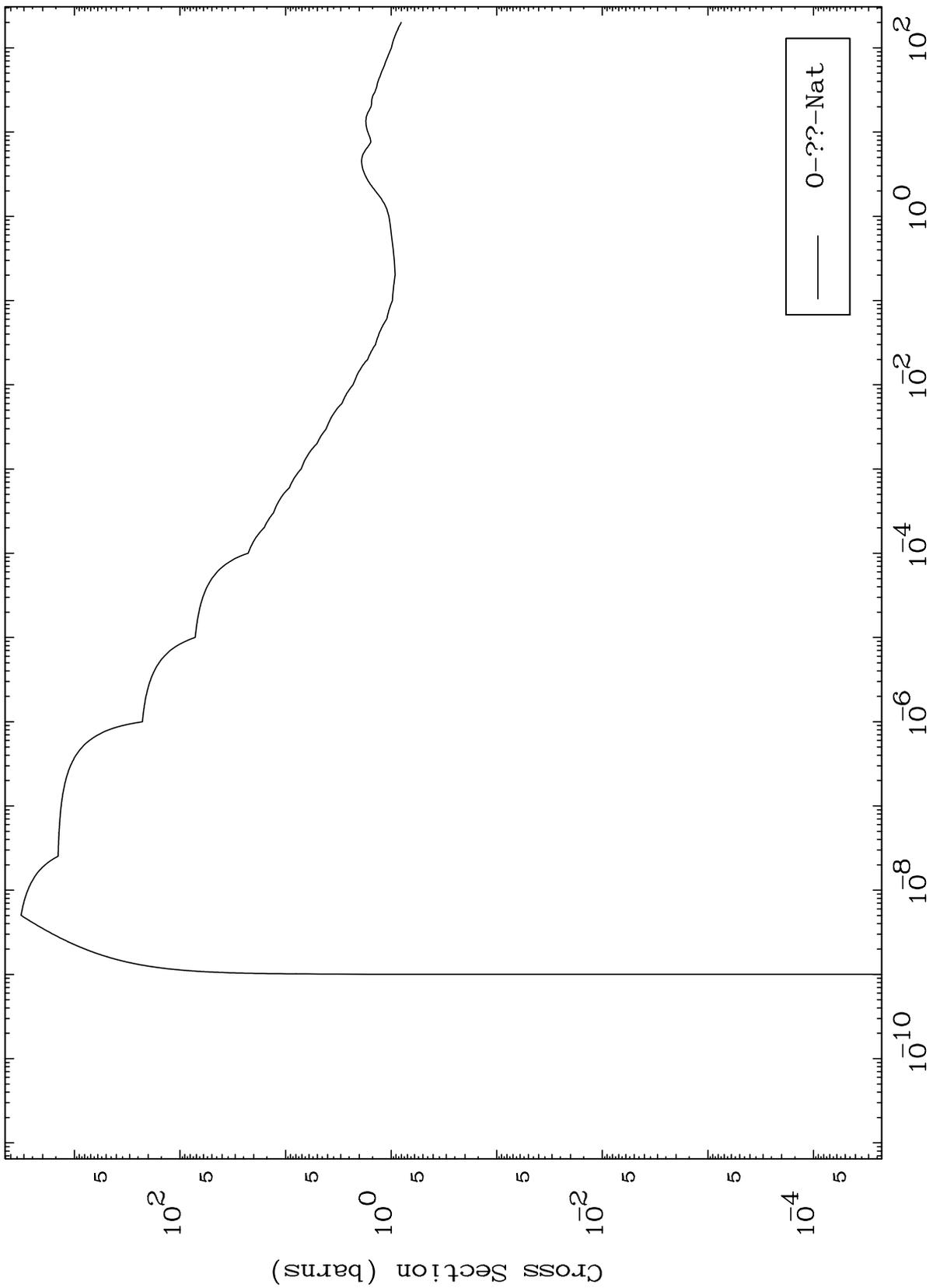
Incident Energy (MeV)

83-Bi-192

MAT 8274

83-Bi-192

Fission
Radionuclide Production Cross Section



54

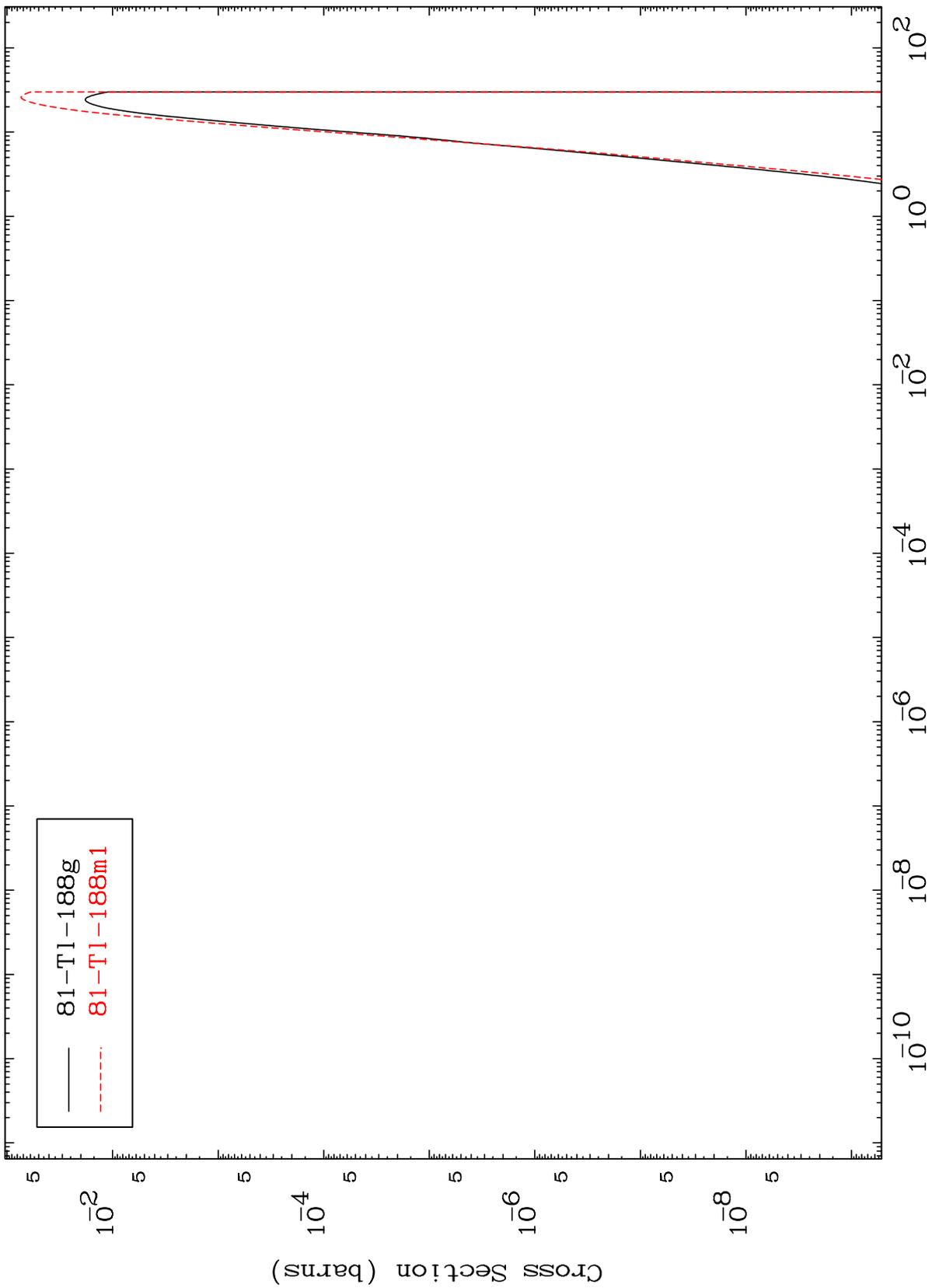
83-Bi-192

MAT 8274

(n, n') α

83-Bi-192

Radionuclide Production Cross Section



55

Incident Energy (MeV)

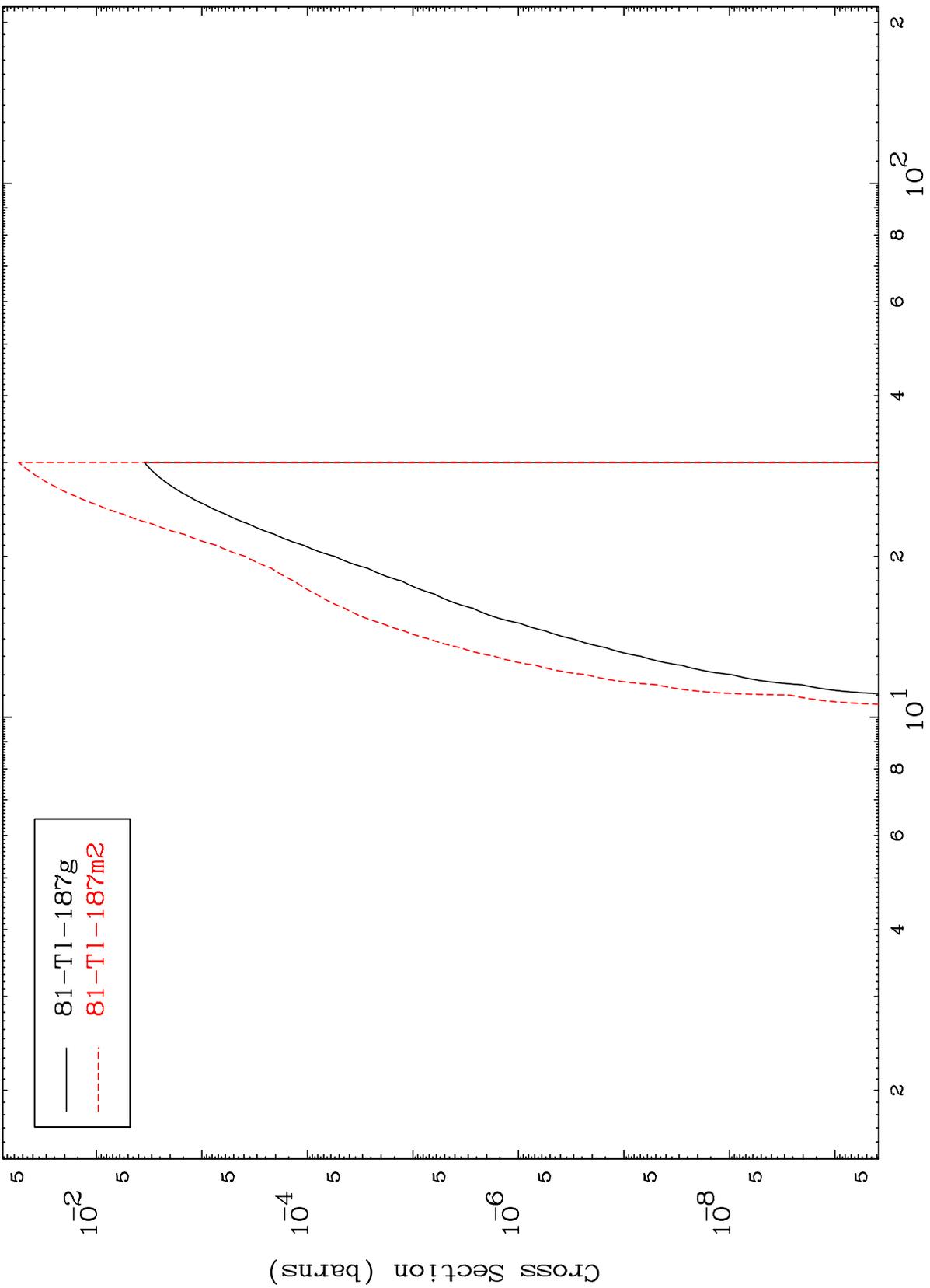
83-Bi-192

MAT 8274

(n,2n) α

83-Bi-192

Radionuclide Production Cross Section



81-Tl-187g
81-Tl-187m2

56

Incident Energy (MeV)

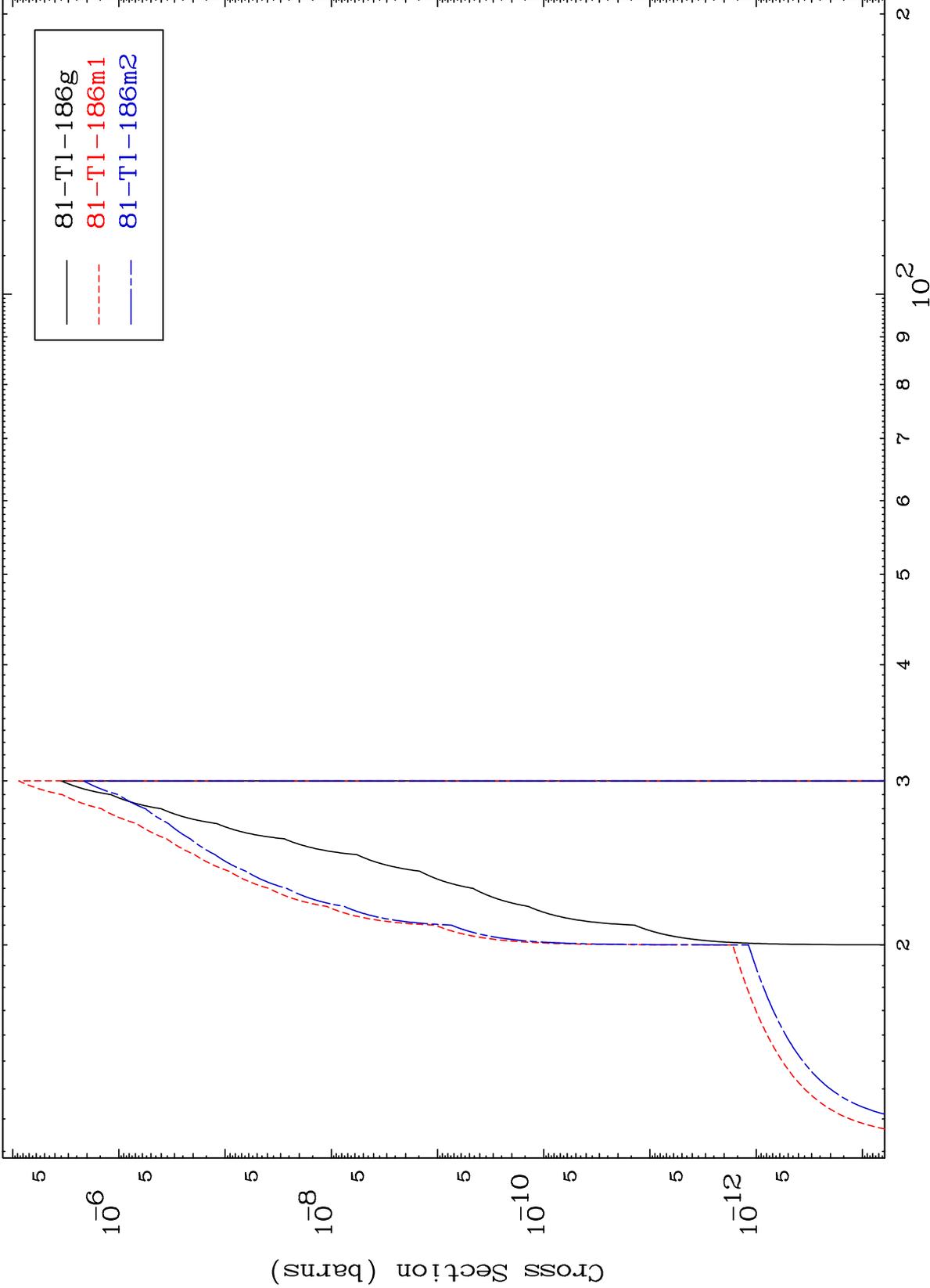
83-Bi-192

MAT 8274

(n,3n) α

83-Bi-192

Radionuclide Production Cross Section



57

Incident Energy (MeV)

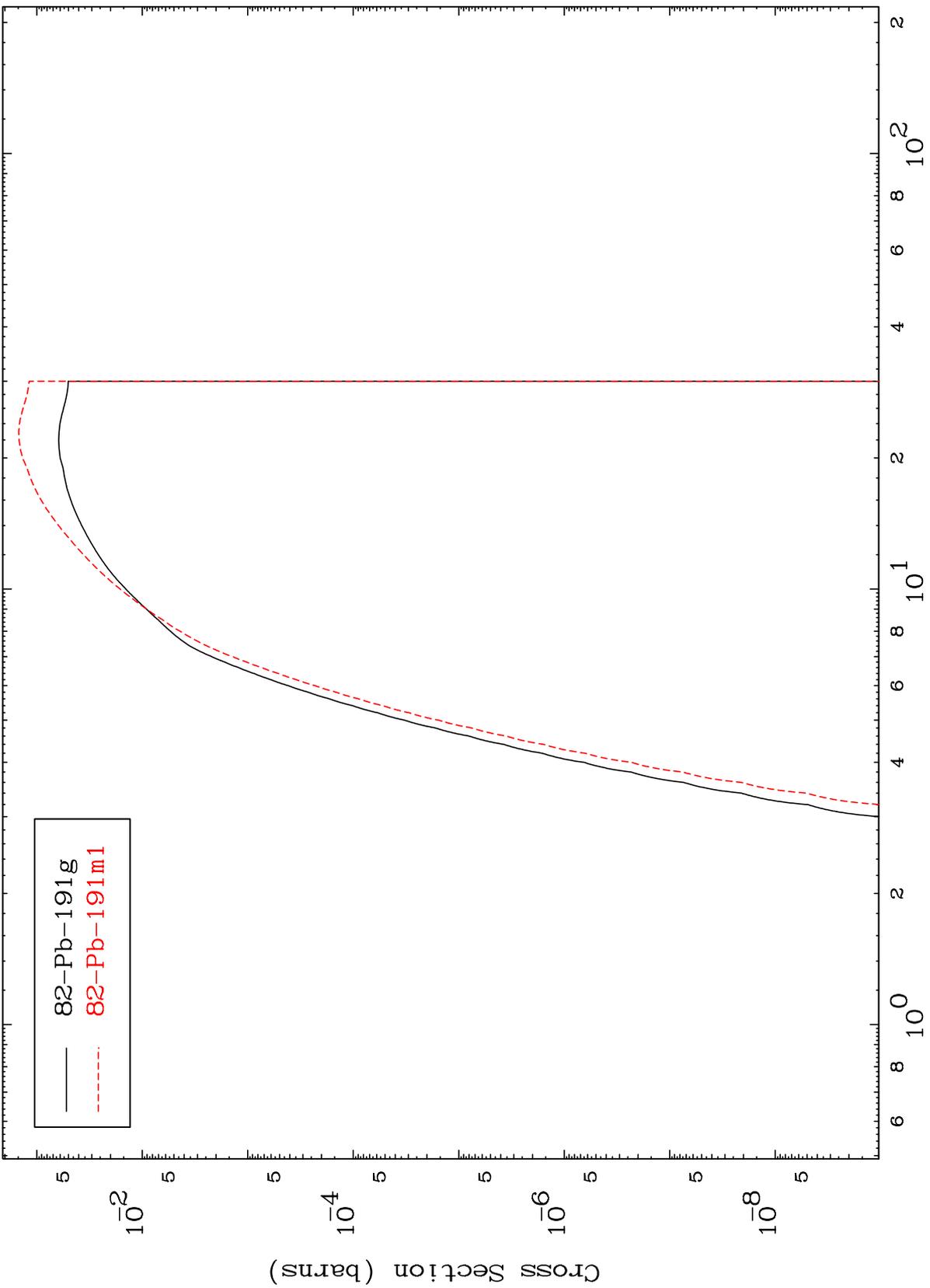
83-Bi-192

MAT 8274

(n,n') p

83-Bi-192

Radionuclide Production Cross Section



82-Pb-191g
82-Pb-191m1

58

Incident Energy (MeV)

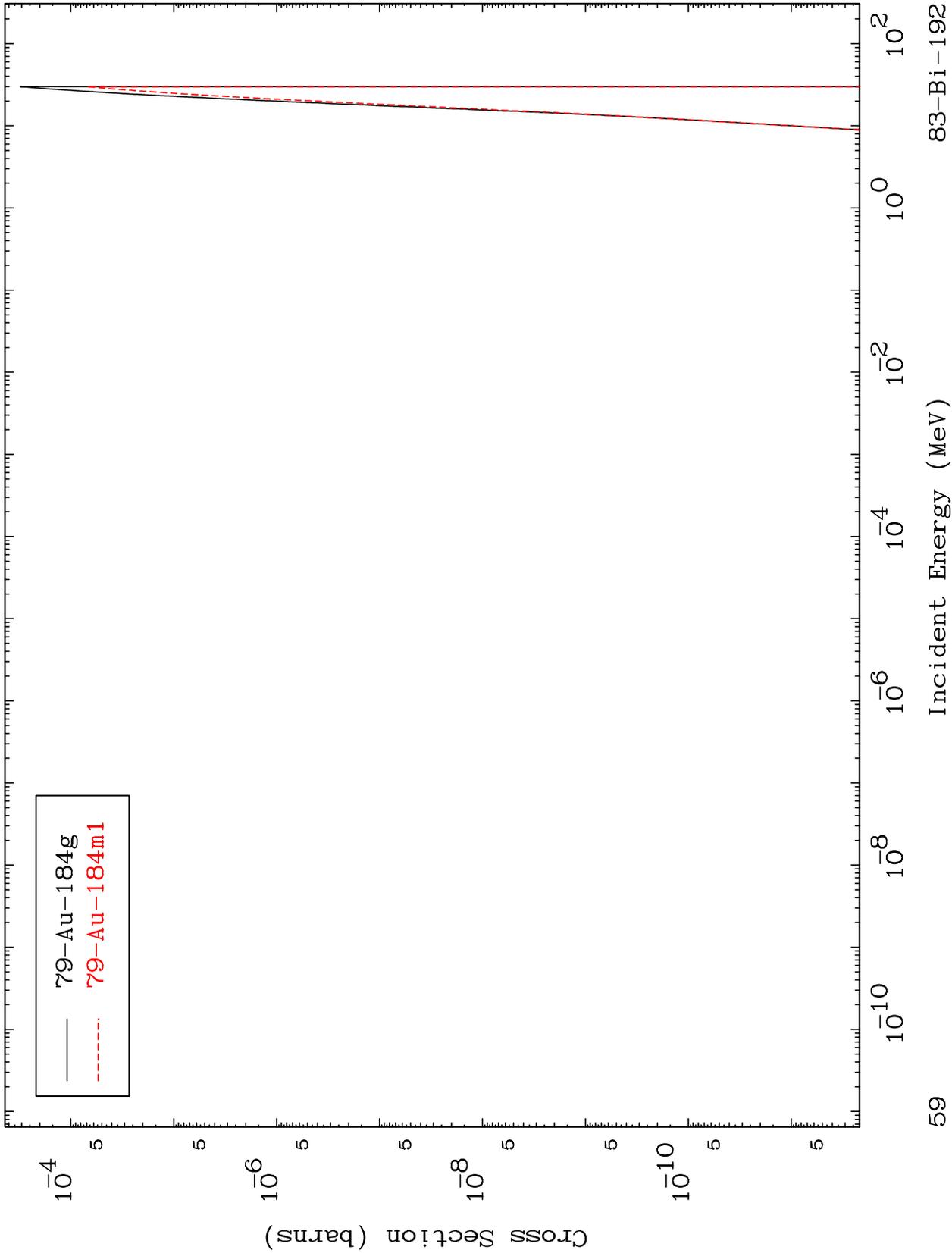
83-Bi-192

MAT 8274

(n,n') 2 α

83-Bi-192

Radionuclide Production Cross Section



59

Incident Energy (MeV)

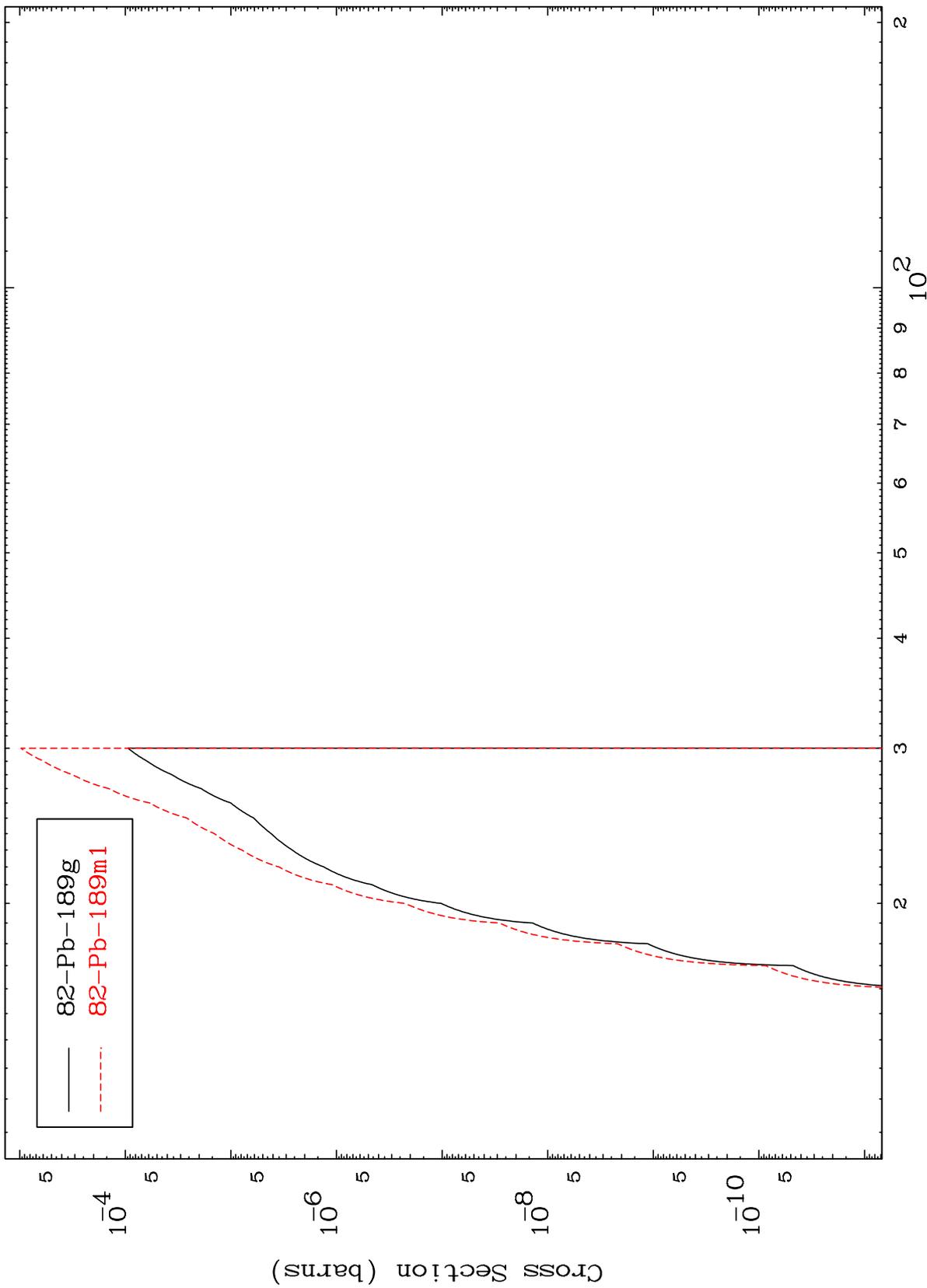
83-Bi-192

MAT 8274

(n,n') t

83-Bi-192

Radionuclide Production Cross Section



60

Incident Energy (MeV)

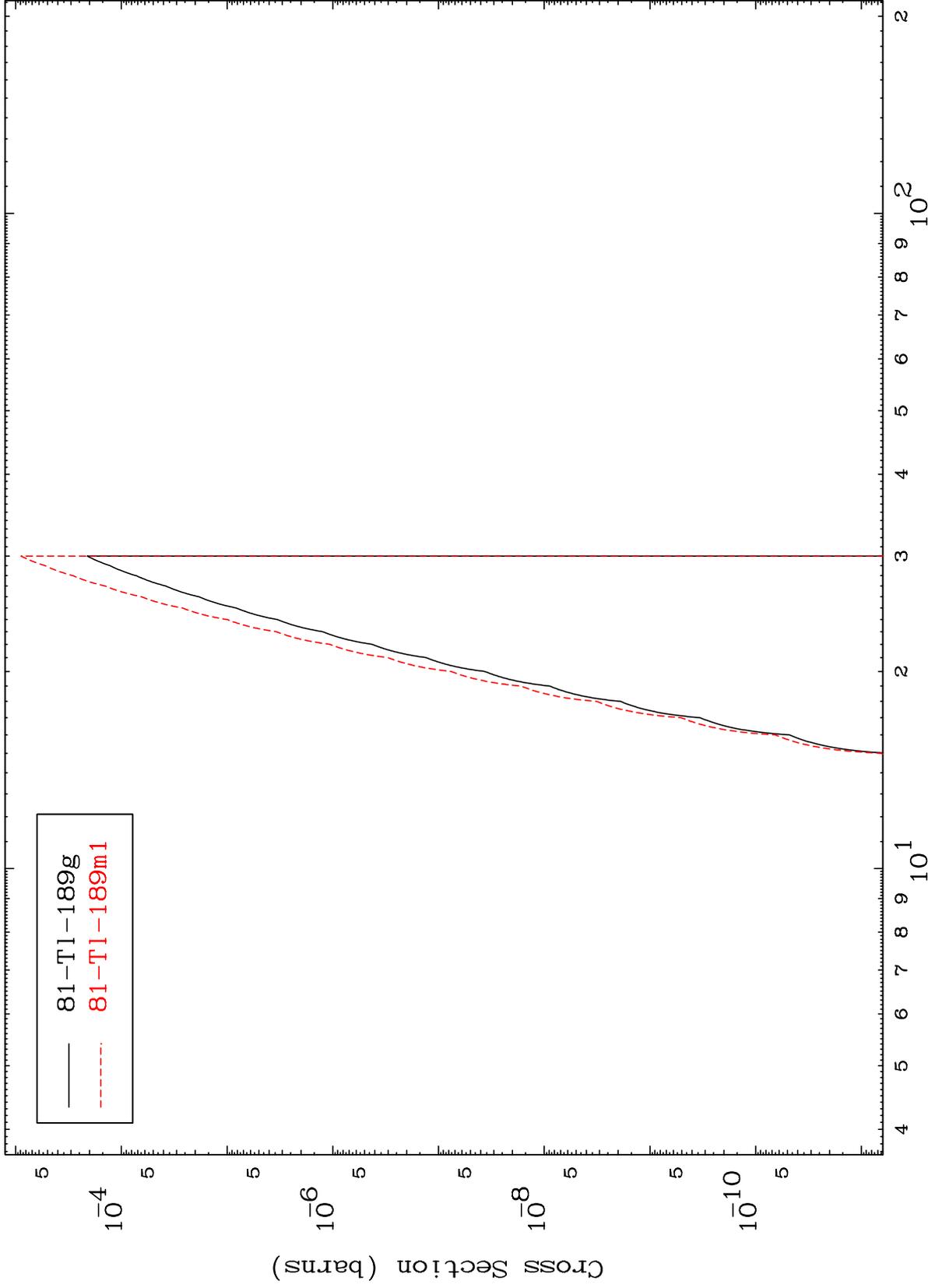
83-Bi-192

MAT 8274

(n,n') He-3

83-Bi-192

Radionuclide Production Cross Section



61

Incident Energy (MeV)

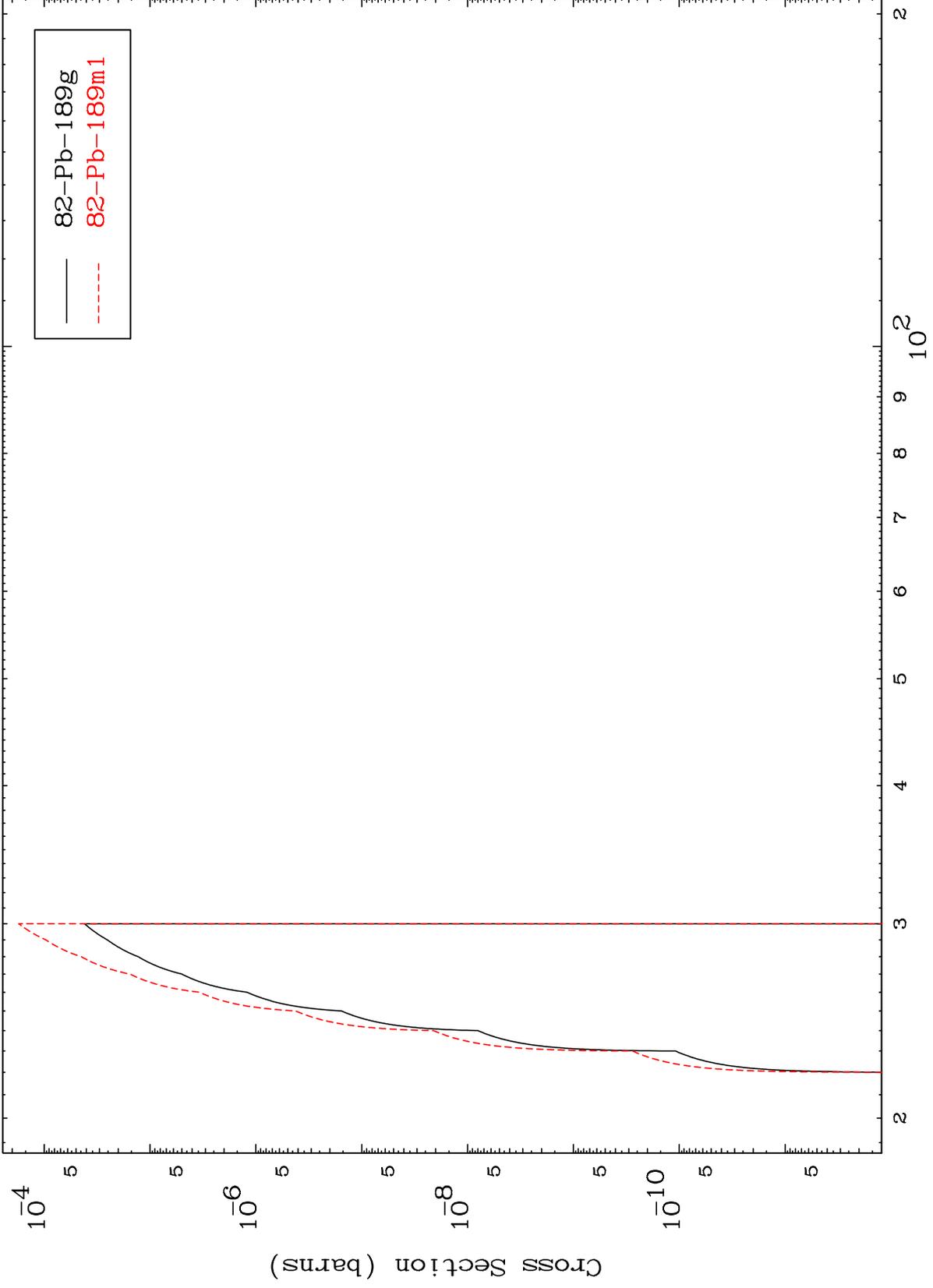
83-Bi-192

MAT 8274

(n,3n) p

83-Bi-192

Radionuclide Production Cross Section



62

Incident Energy (MeV)

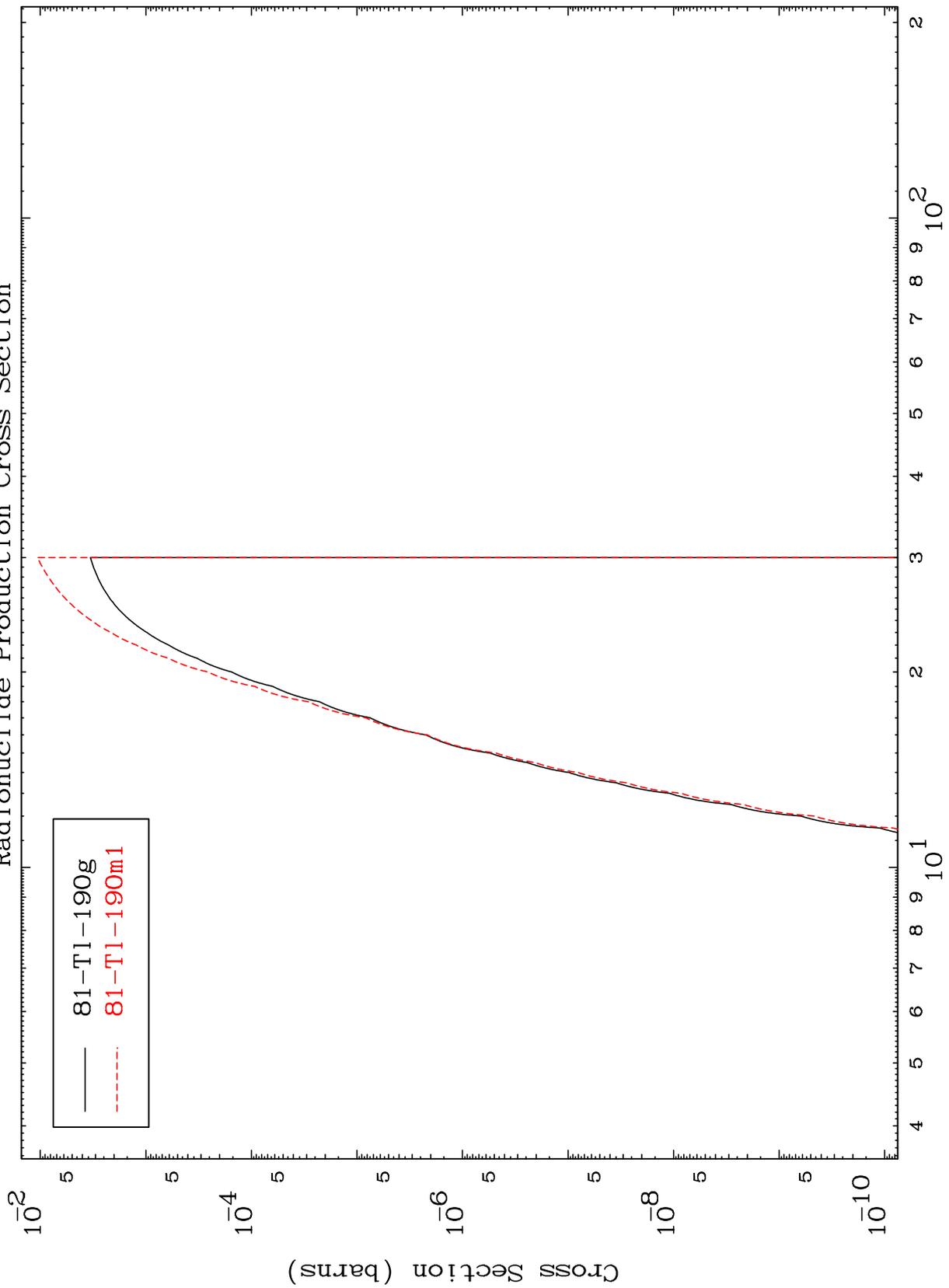
83-Bi-192

MAT 8274

(n,2n) p

83-Bi-192

Radionuclide Production Cross Section



63

Incident Energy (MeV)

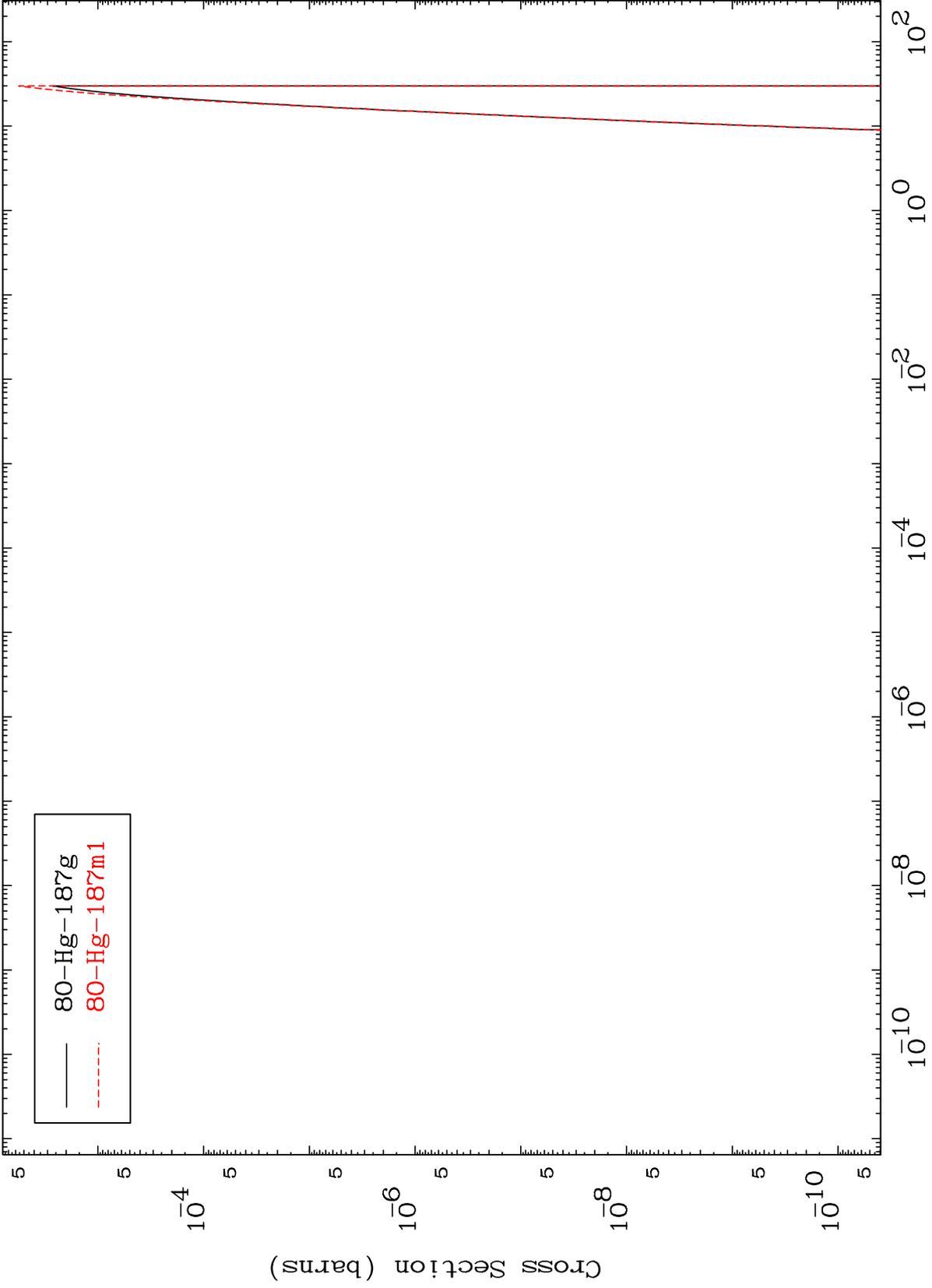
83-Bi-192

MAT 8274

(n,n') p α

83-Bi-192

Radionuclide Production Cross Section



64

Incident Energy (MeV)

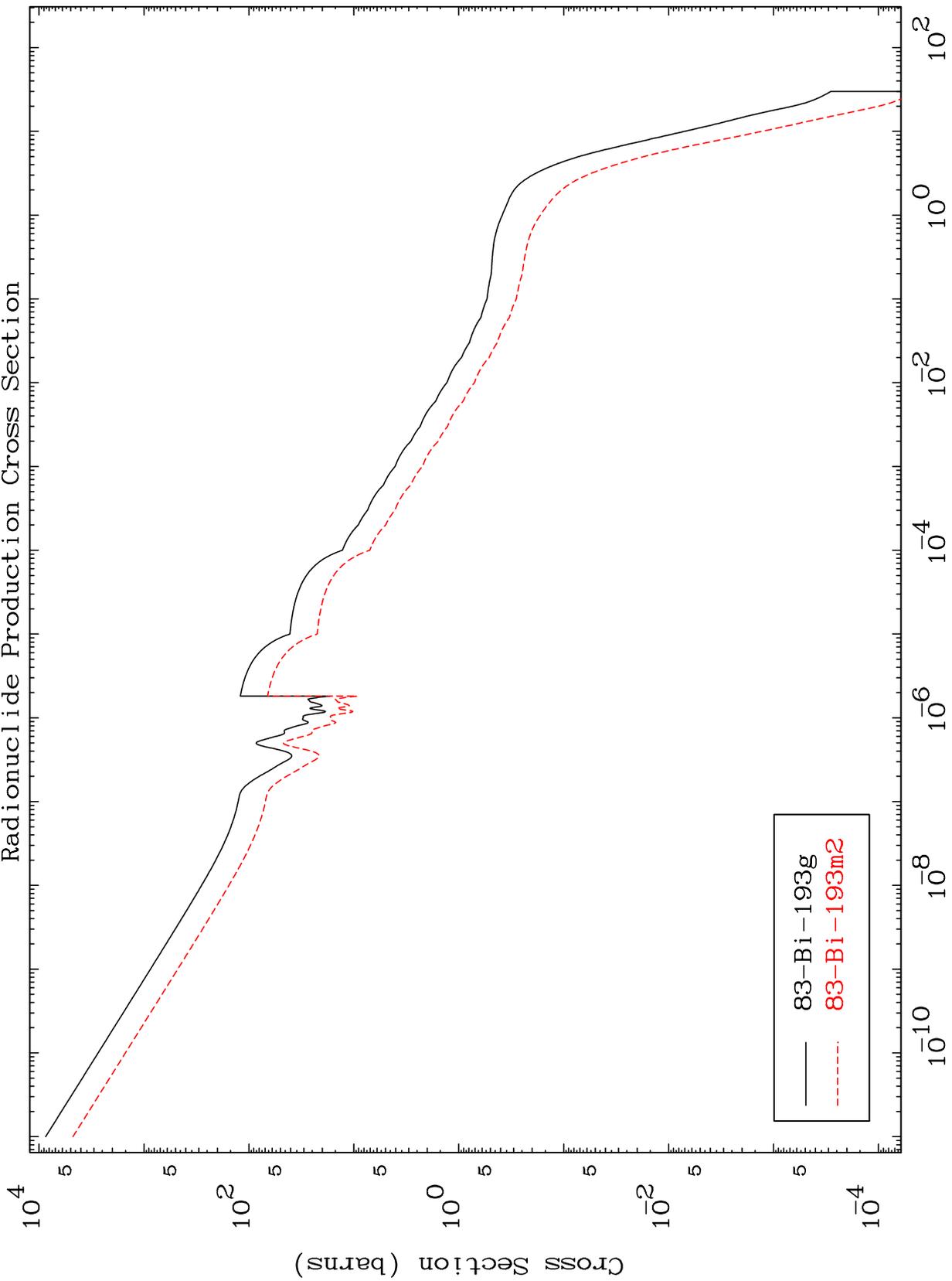
83-Bi-192

MAT 8274

83-Bi-192

Radionuclide Production Cross Section

(n, γ)



83-Bi-193g
83-Bi-193m2

65

83-Bi-192

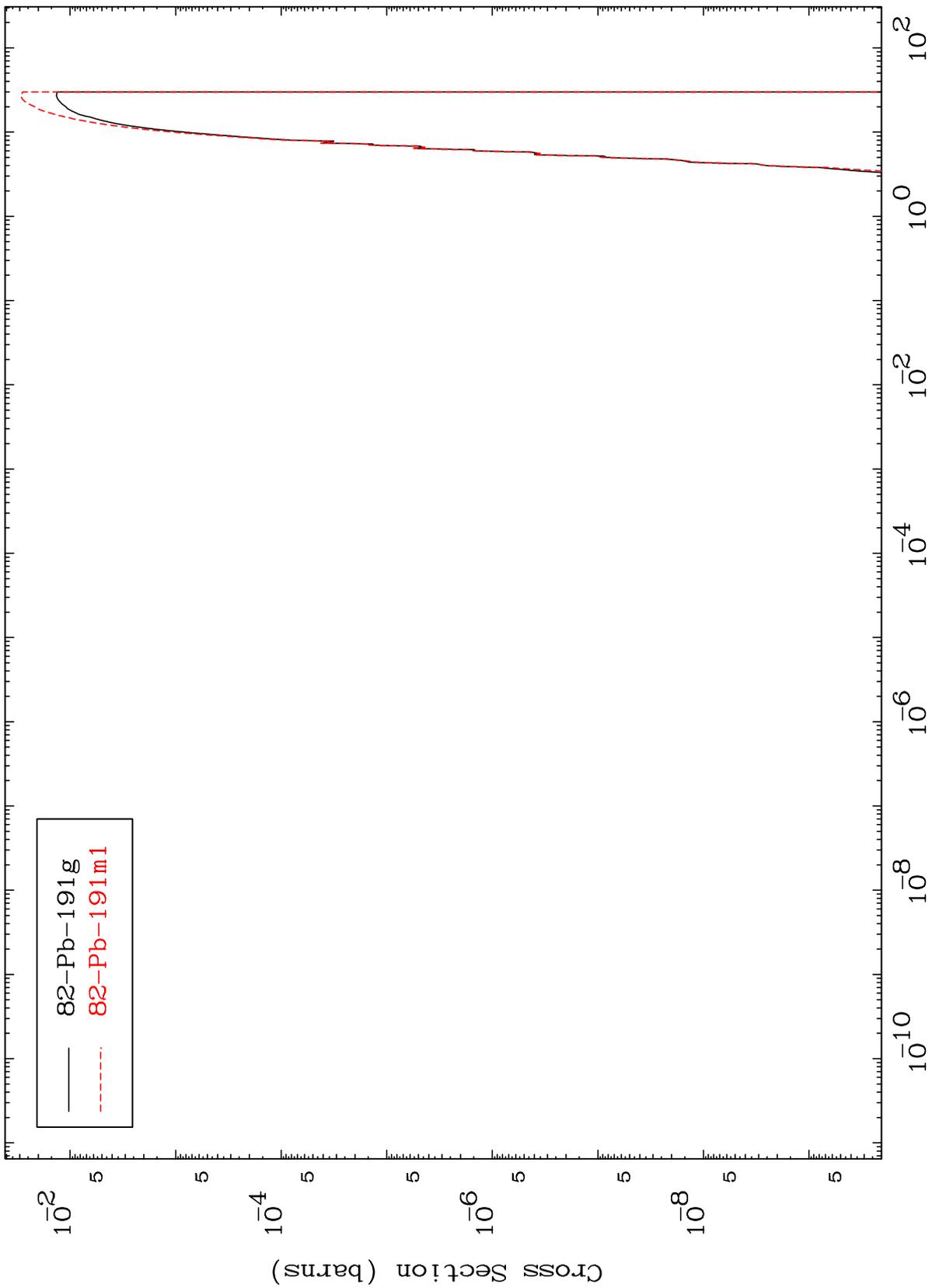
Incident Energy (MeV)

MAT 8274

(n,d)

83-Bi-192

Radionuclide Production Cross Section

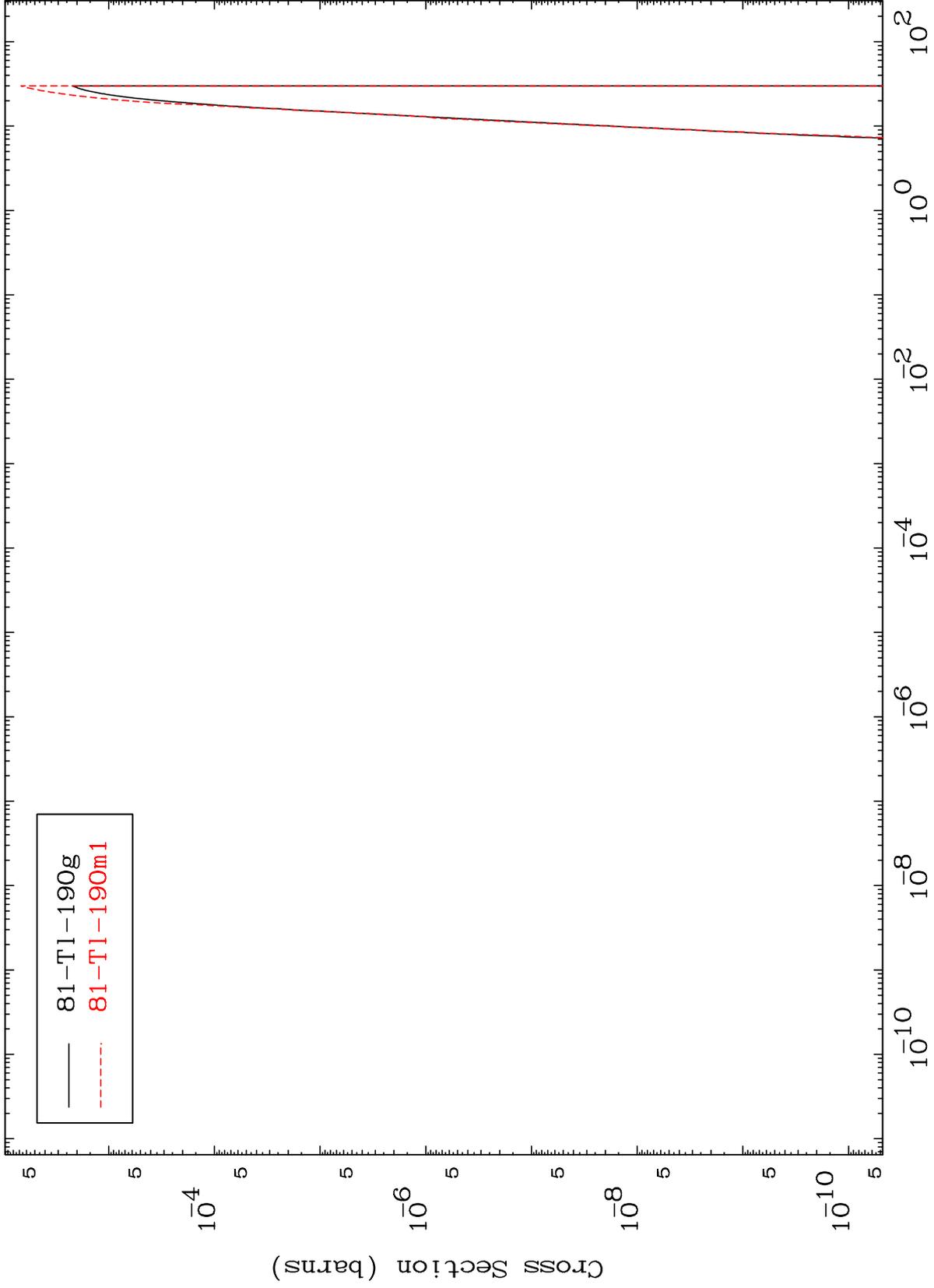


MAT 8274

(n,He-3)

83-Bi-192

Radionuclide Production Cross Section



81-Tl-190g
81-Tl-190m1

67

Incident Energy (MeV)

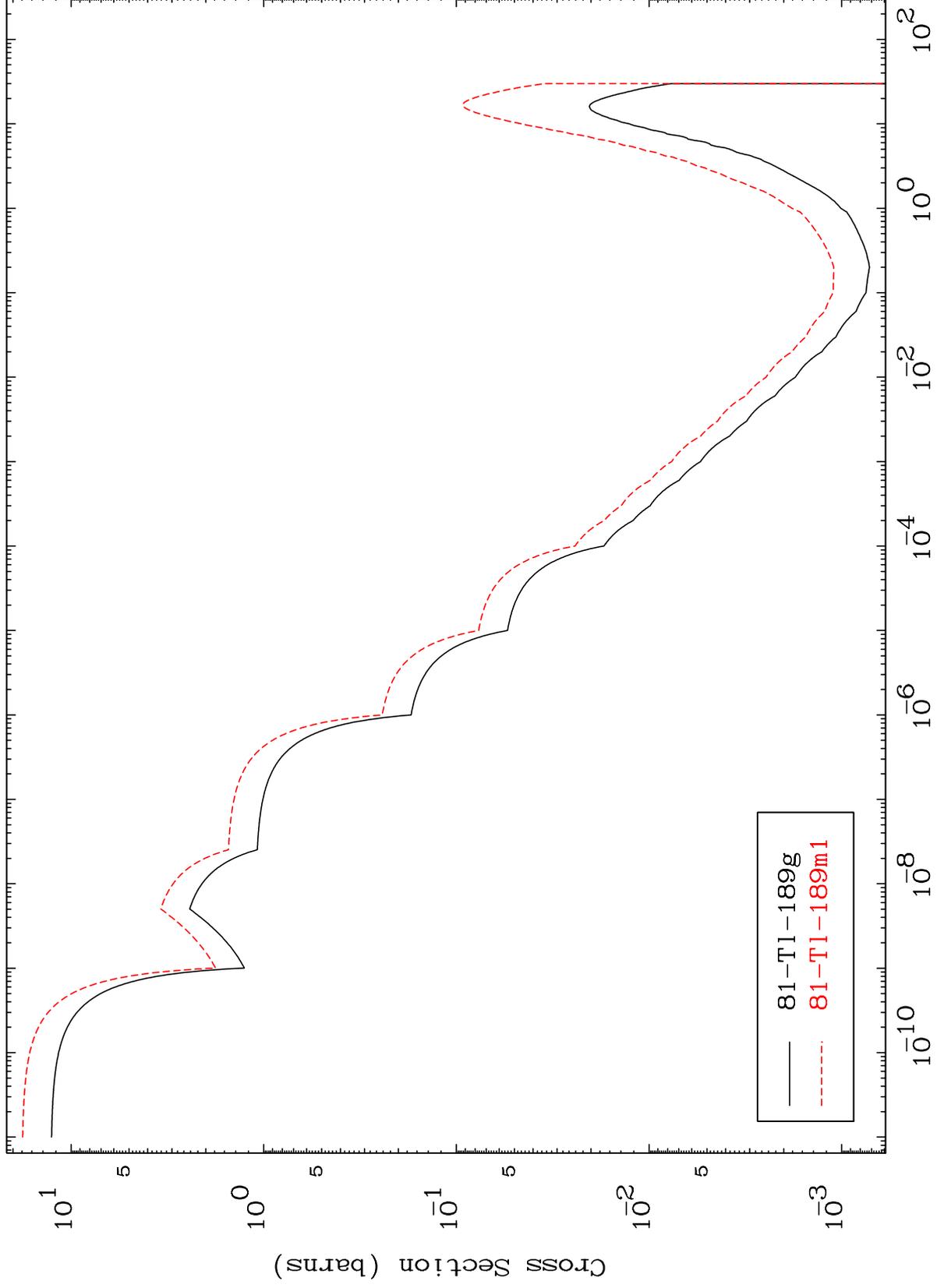
83-Bi-192

MAT 8274

(n, α)

83-Bi-192

Radionuclide Production Cross Section

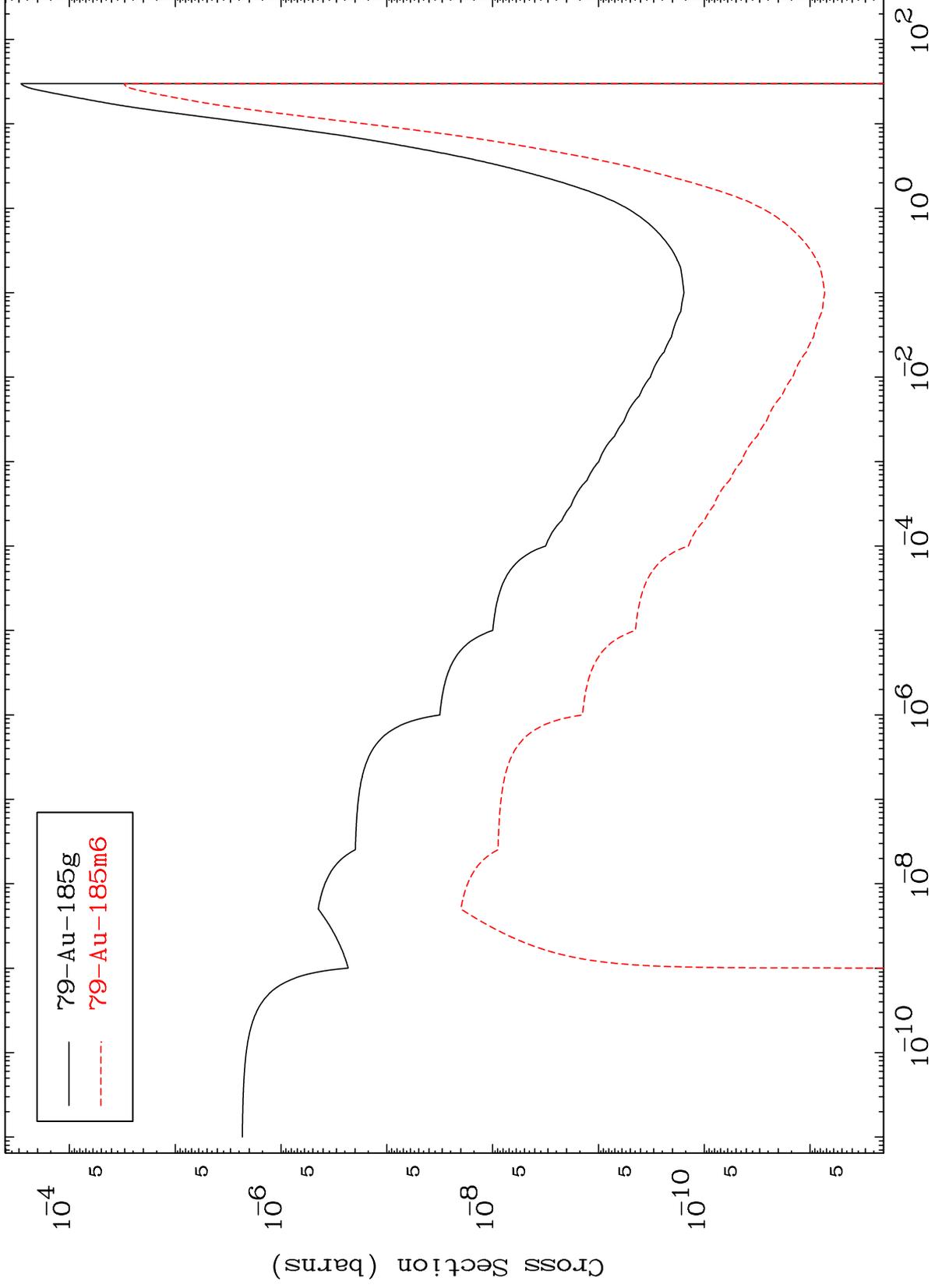


68

Incident Energy (MeV)

83-Bi-192

Radionuclide Production Cross Section



— 79-Au-185g
- - - 79-Au-185m6

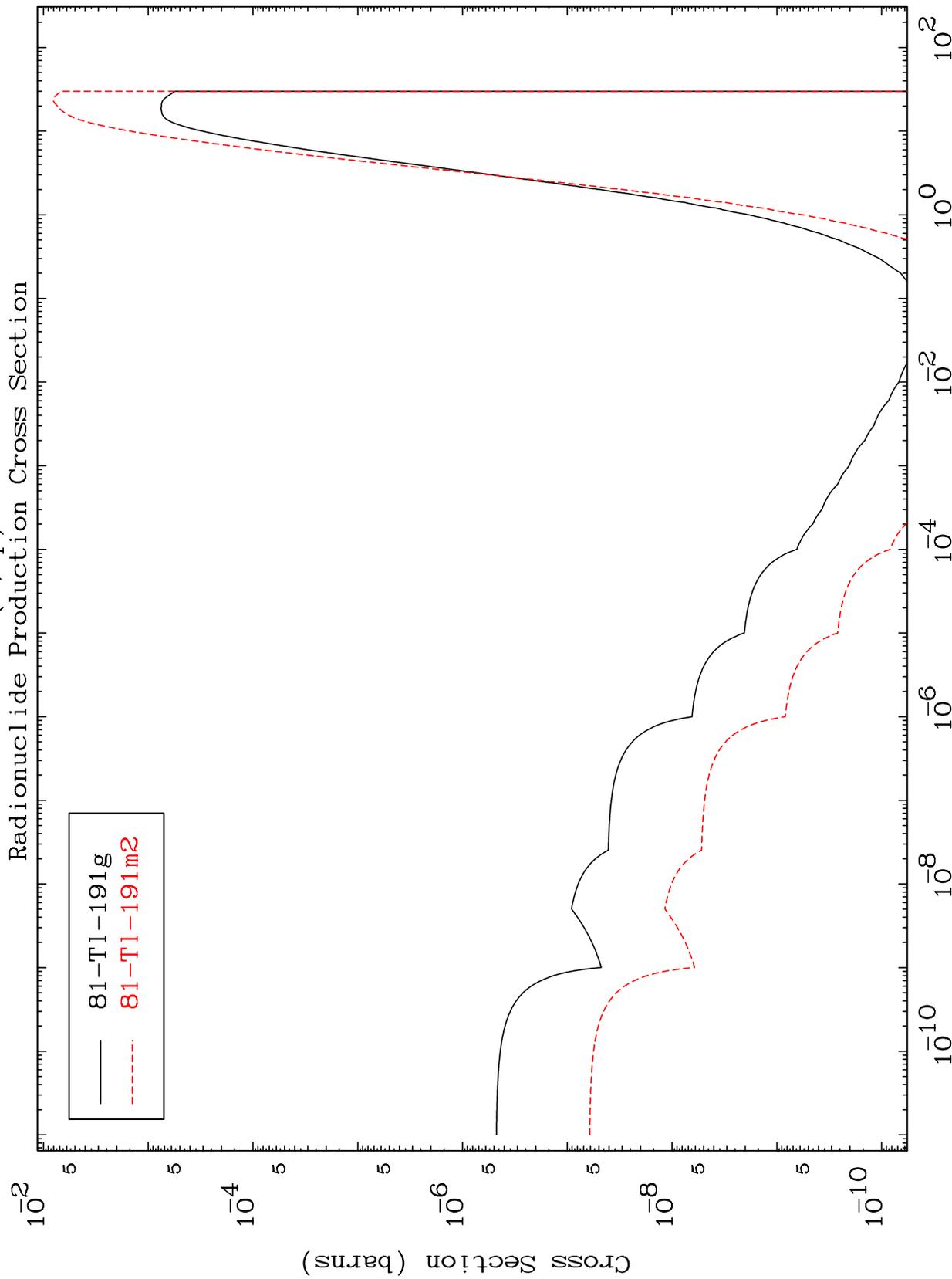
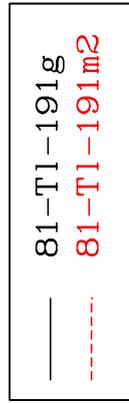
MAT 8274

83-Bi-192

83-Bi-192

Radionuclide Production Cross Section

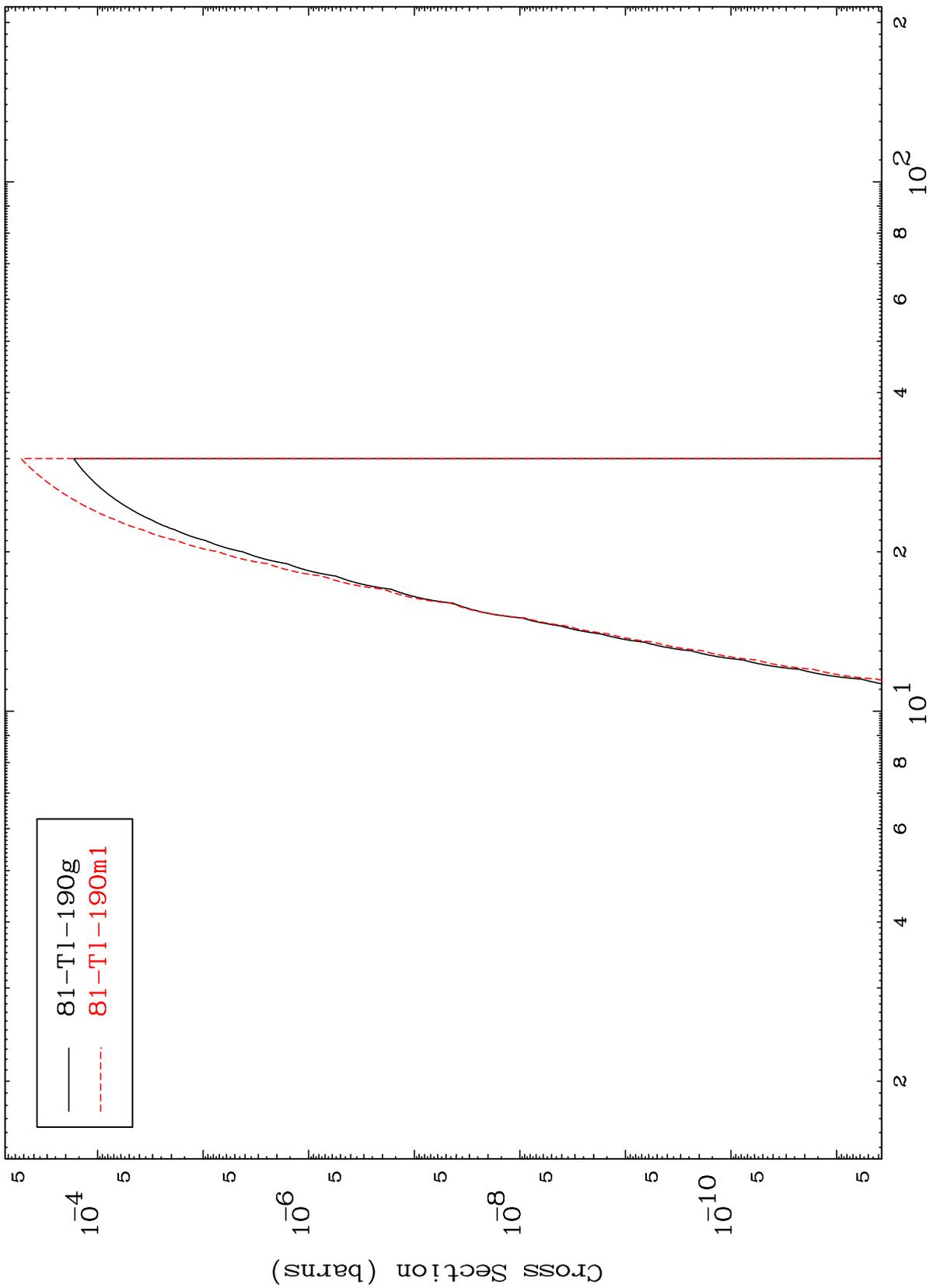
(n,2p)



Incident Energy (MeV)

70

Radionuclide Production Cross Section



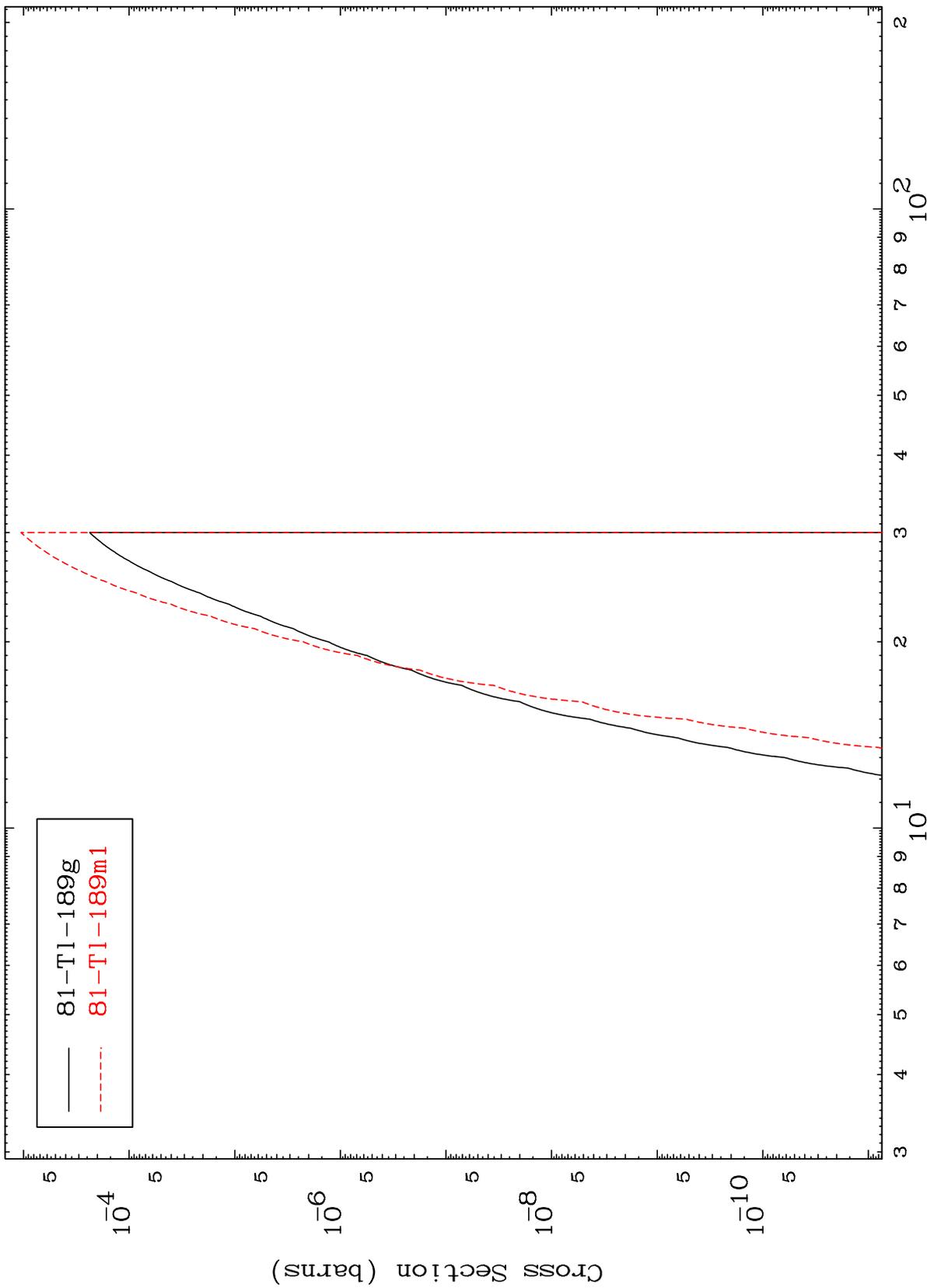
81-Tl-190g
81-Tl-190m1

MAT 8274

(n,p) t

83-Bi-192

Radionuclide Production Cross Section



81-Tl-189g
81-Tl-189m1

72

Incident Energy (MeV)

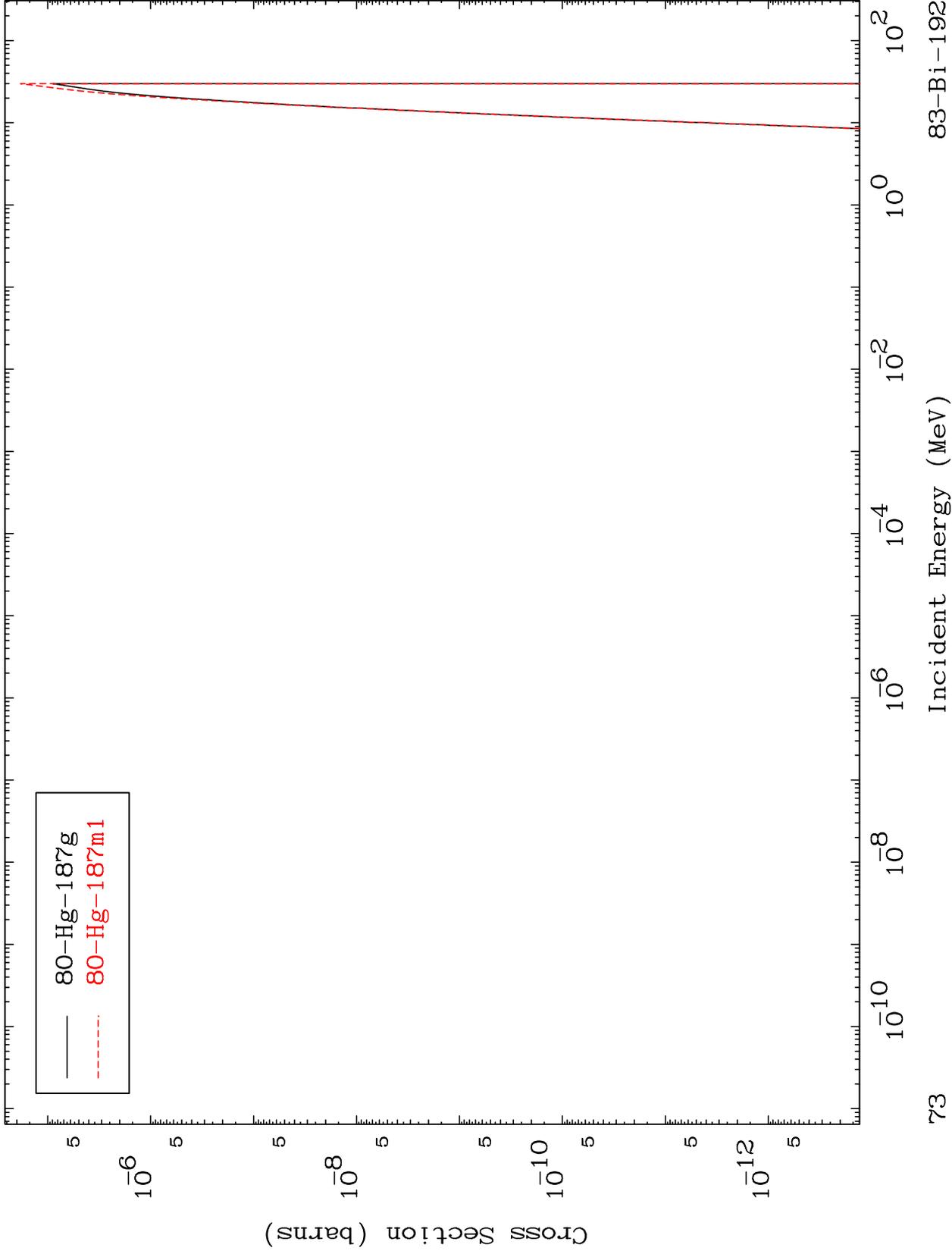
83-Bi-192

MAT 8274

(n,d) α

83-Bi-192

Radionuclide Production Cross Section



73

Incident Energy (MeV)

83-Bi-192