

Program EVALPLOT
(Version 2017-1)

by

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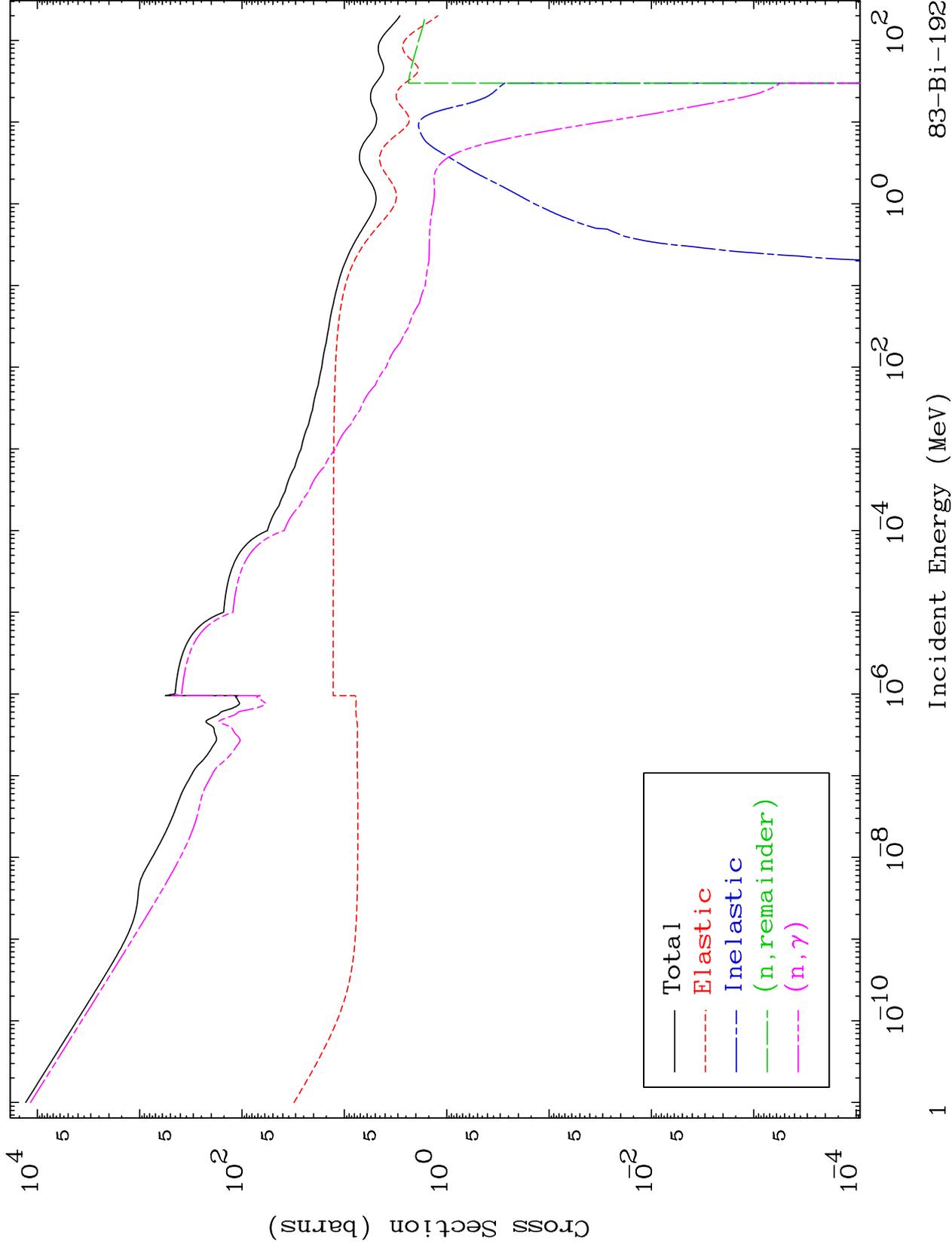
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MAT 8274

Major

293 Kelvin Cross Sections

83-Bi-192

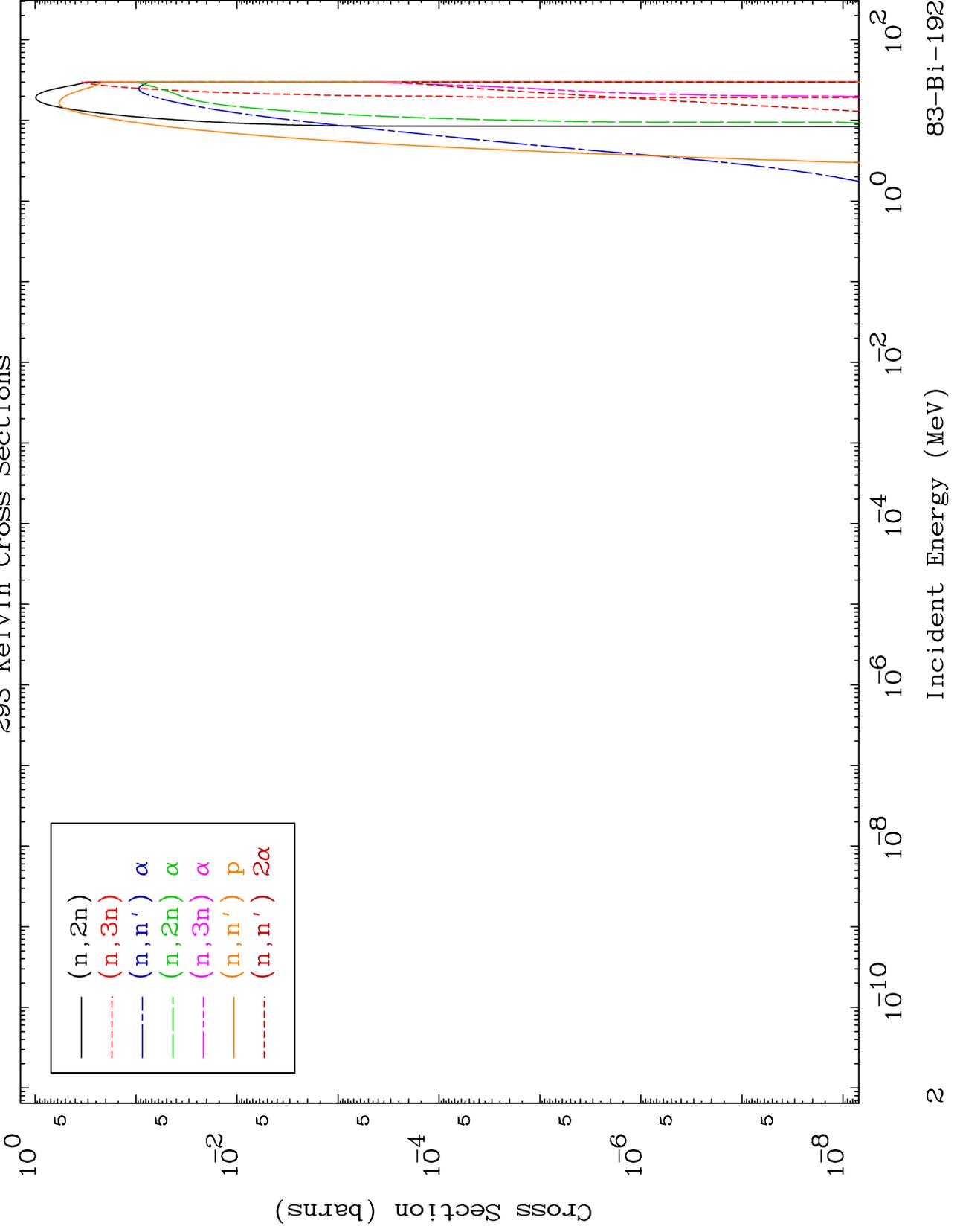


1

MAT 8274

Neutron Production
293 Kelvin Cross Sections

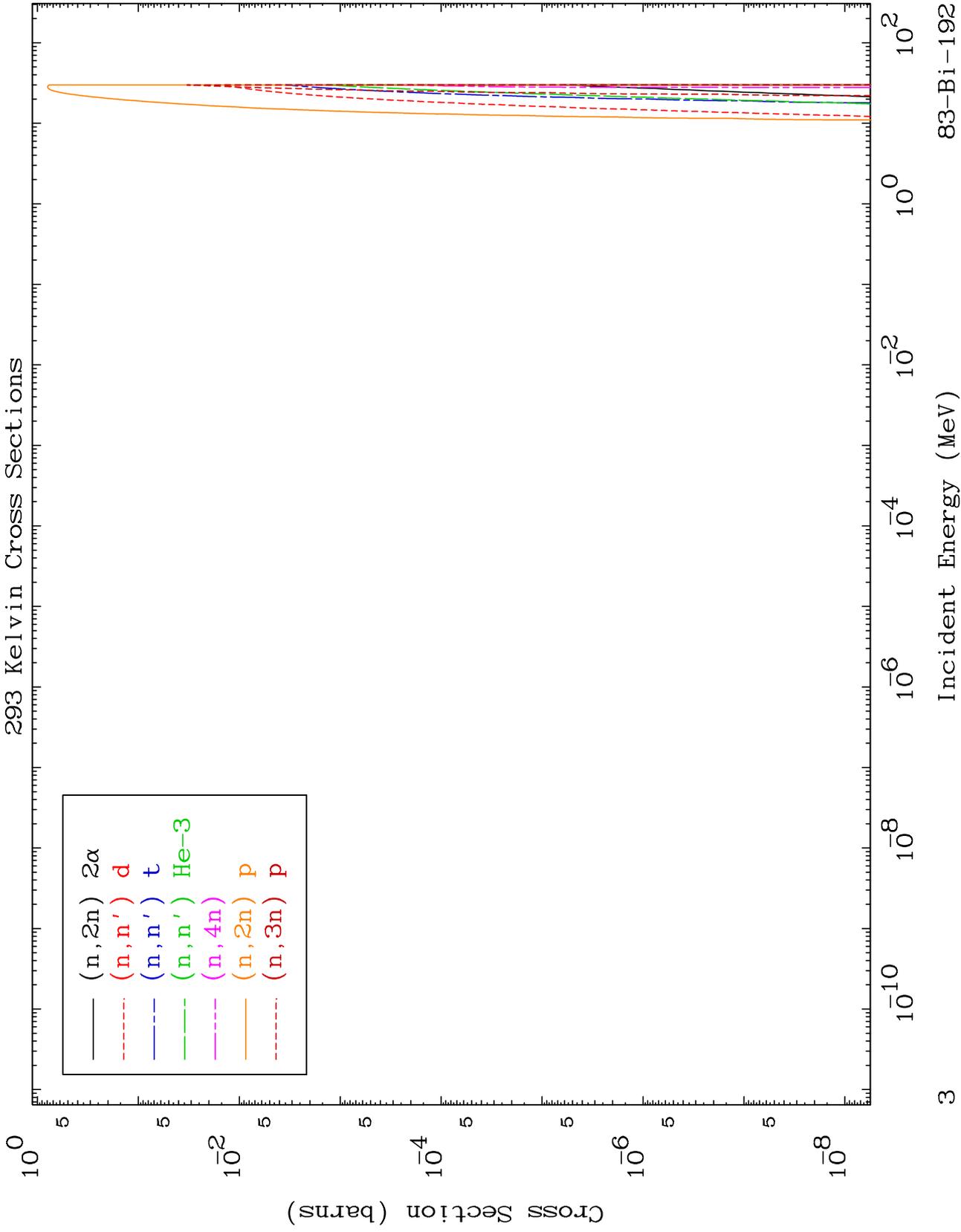
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MAT 8274

Neutron Production
293 Kelvin Cross Sections

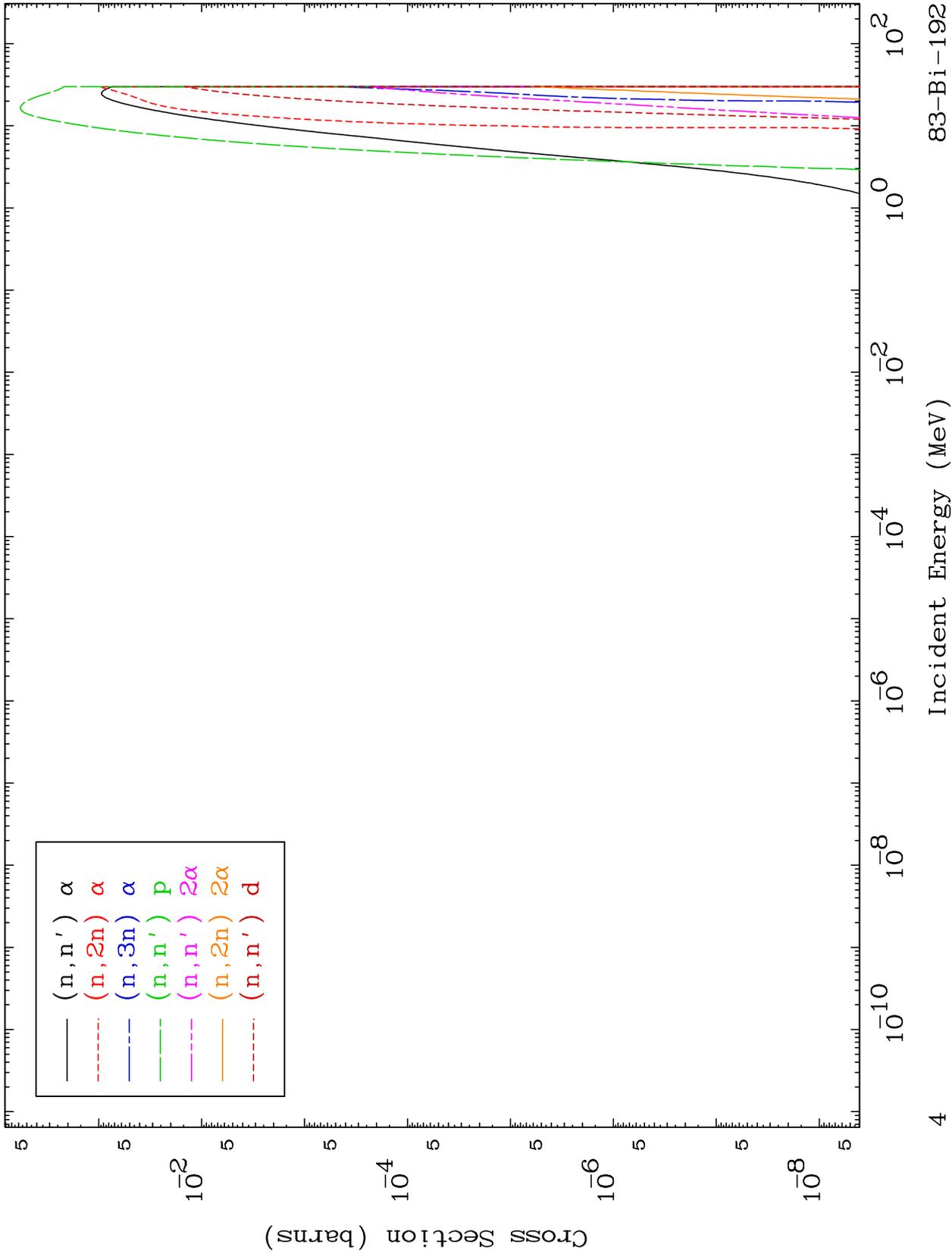
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MAT 8274

Charged Particle
293 Kelvin Cross Sections

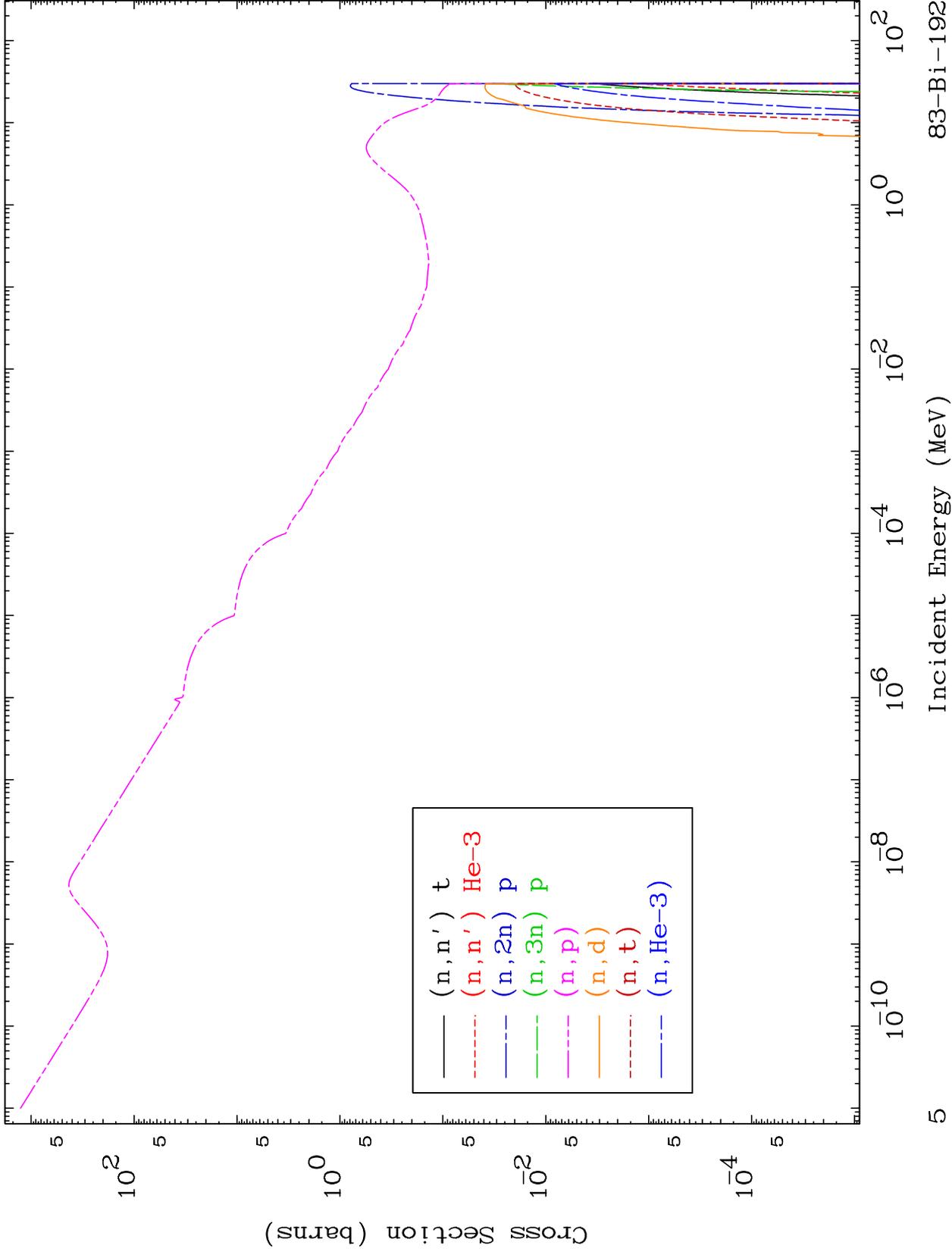
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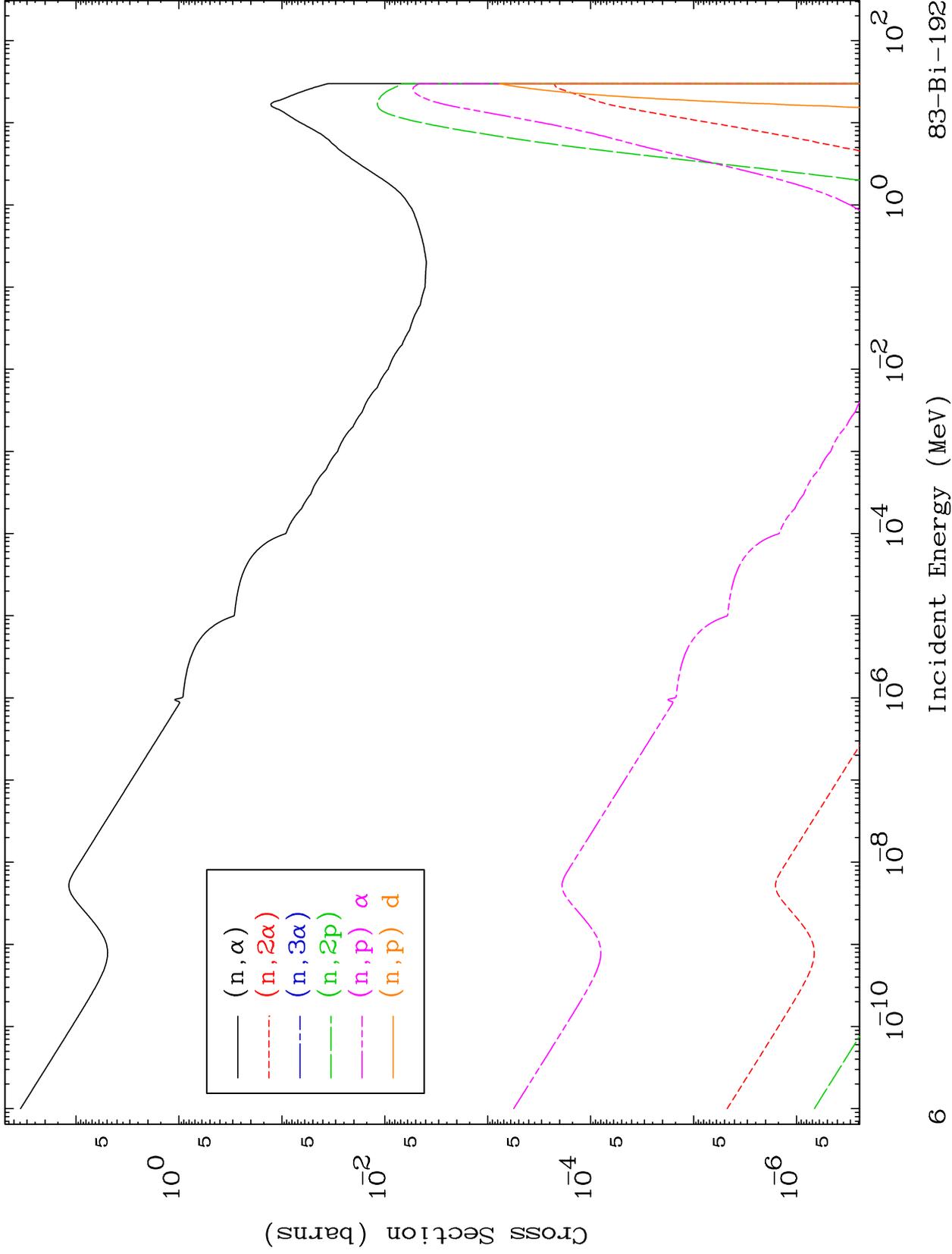


MAT 8274

Charged Particle
293 Kelvin Cross Sections

83-Bi-192

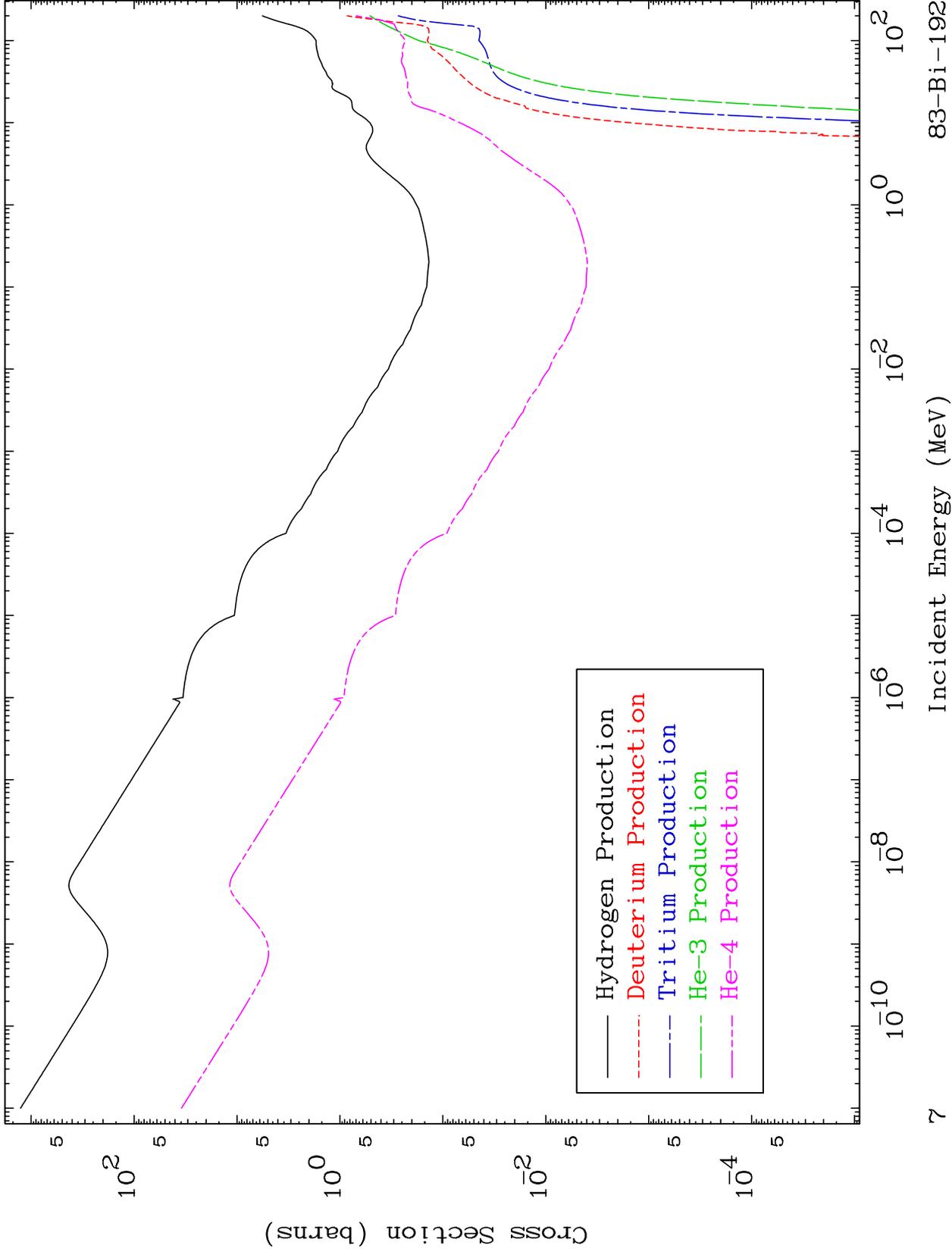




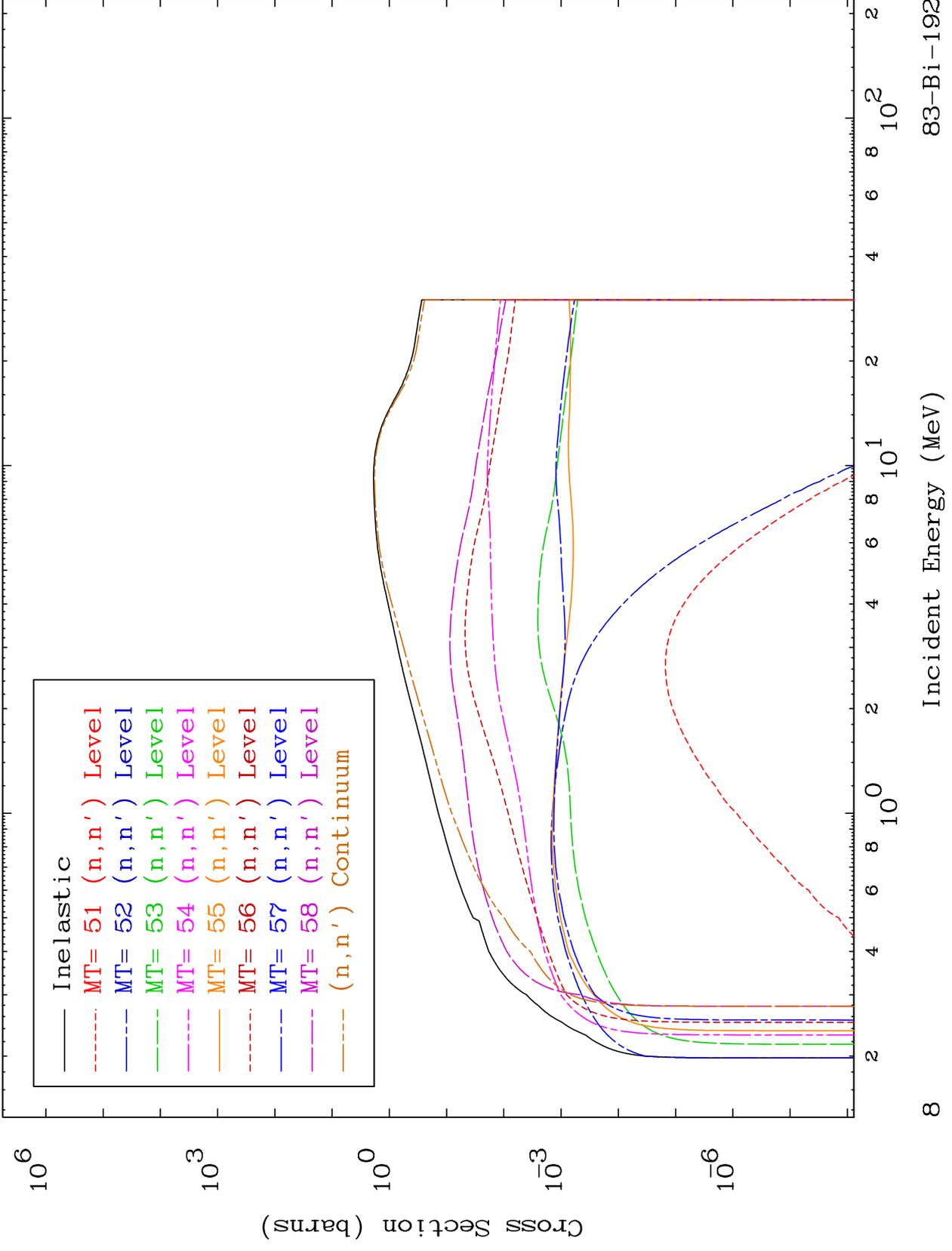
MAT 8274

Particle Production
293 Kelvin Cross Sections

83-Bi-192



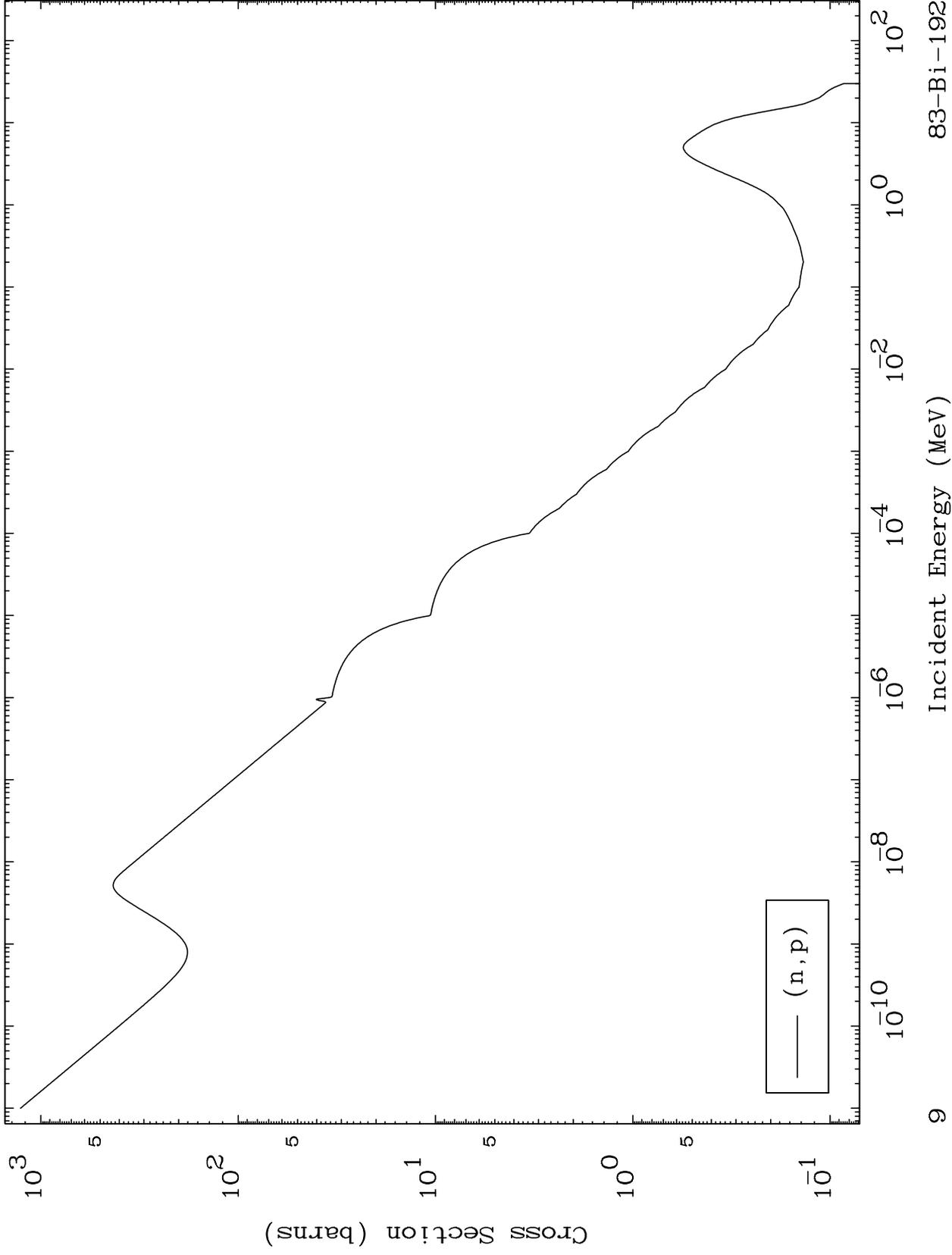
293 Kelvin Cross Sections



MAT 8274

(n,p) Levels
293 Kelvin Cross Sections

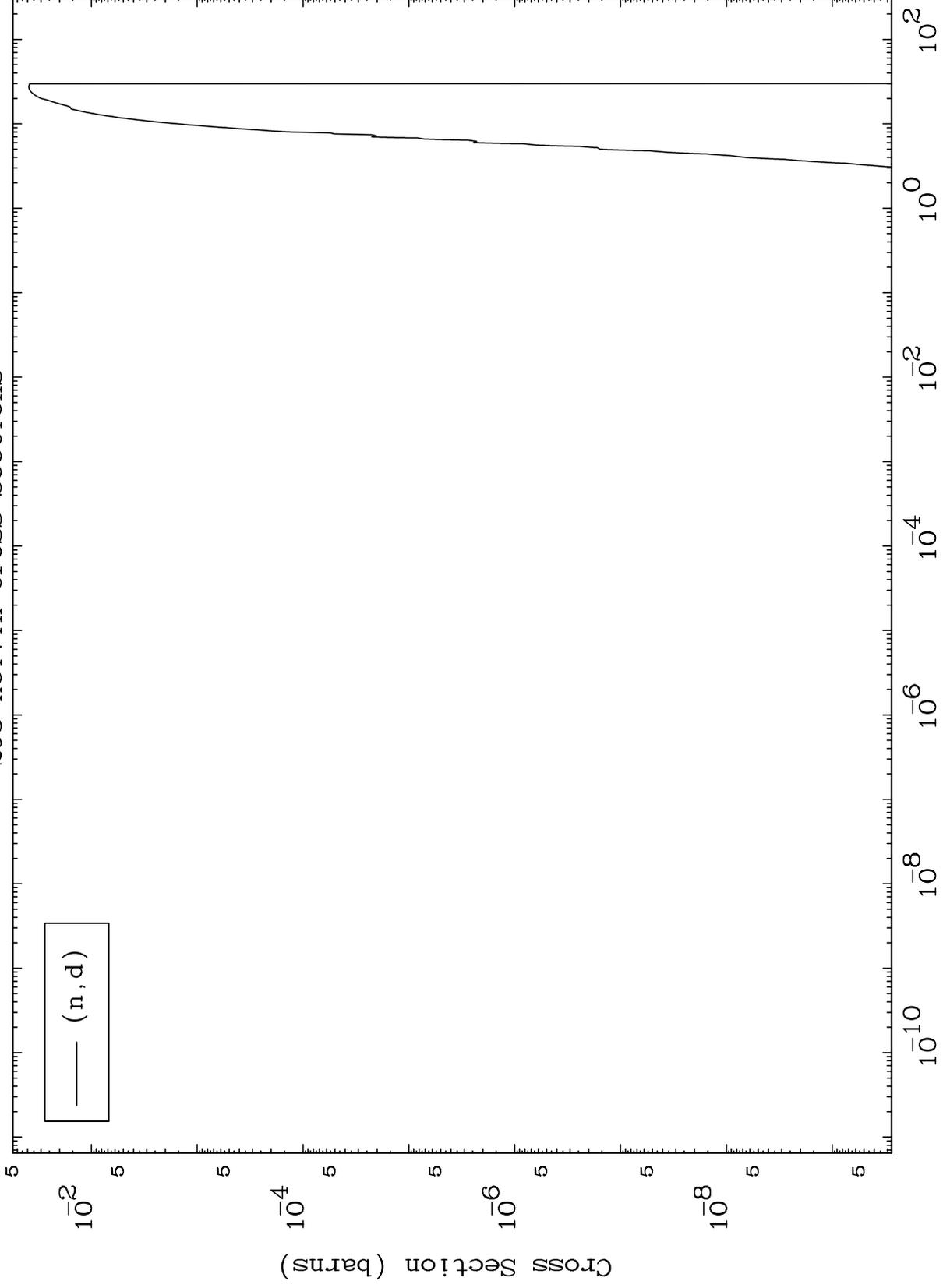
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MAT 8274

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-192



10

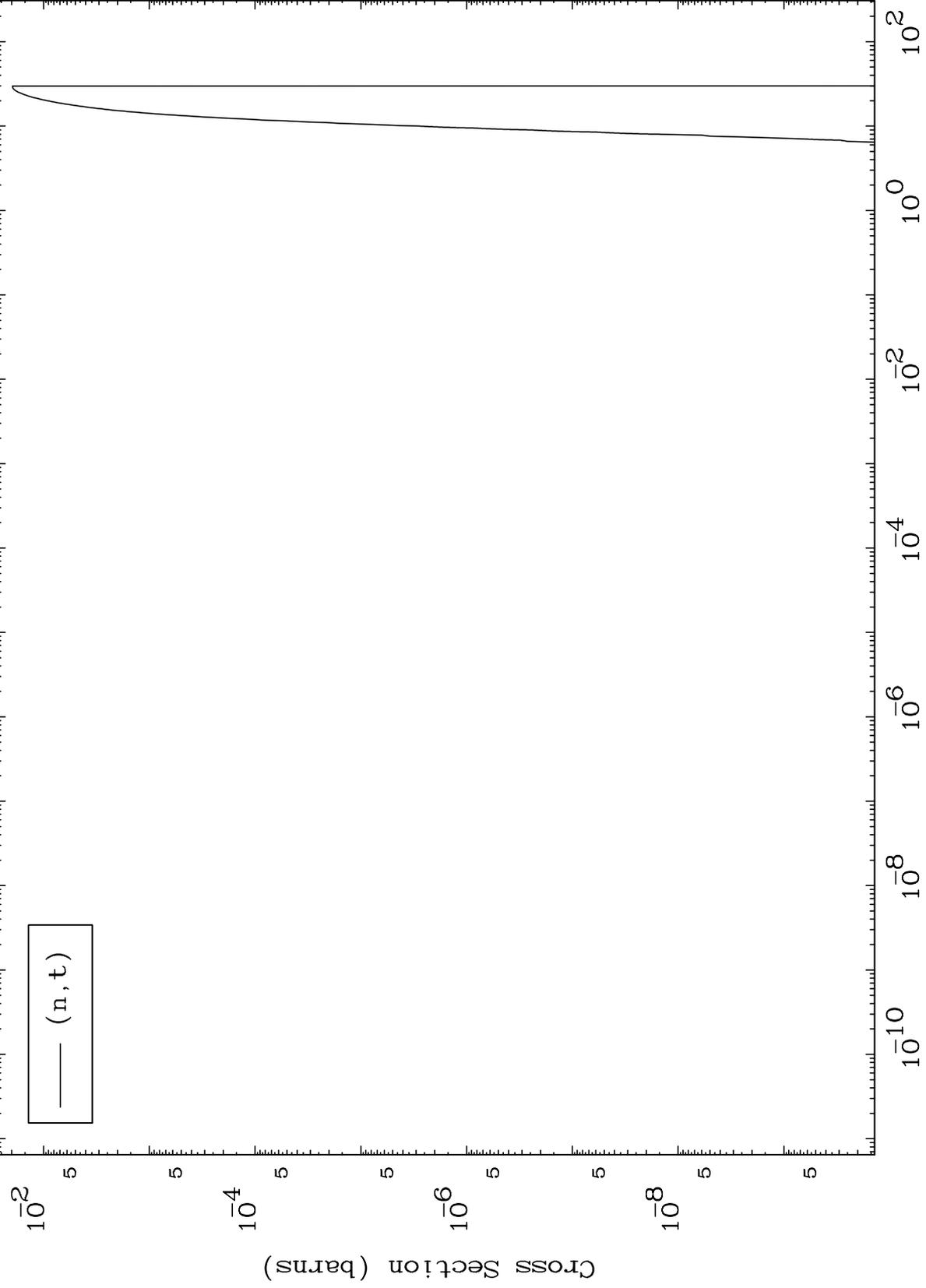
Incident Energy (MeV)

83-Bi-192

MAT 8274

(n,t) Levels
293 Kelvin Cross Sections

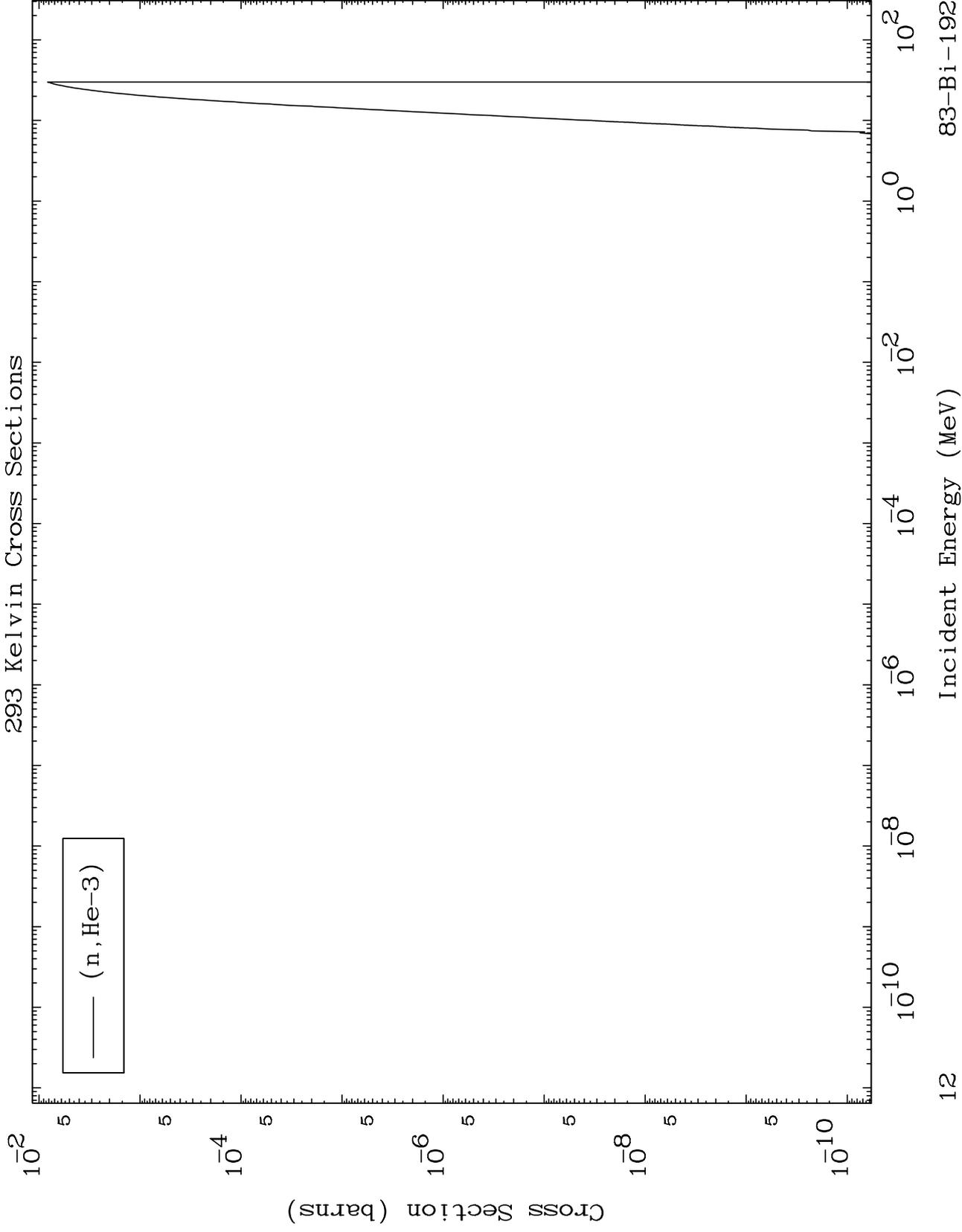
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MAT 8274

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-192



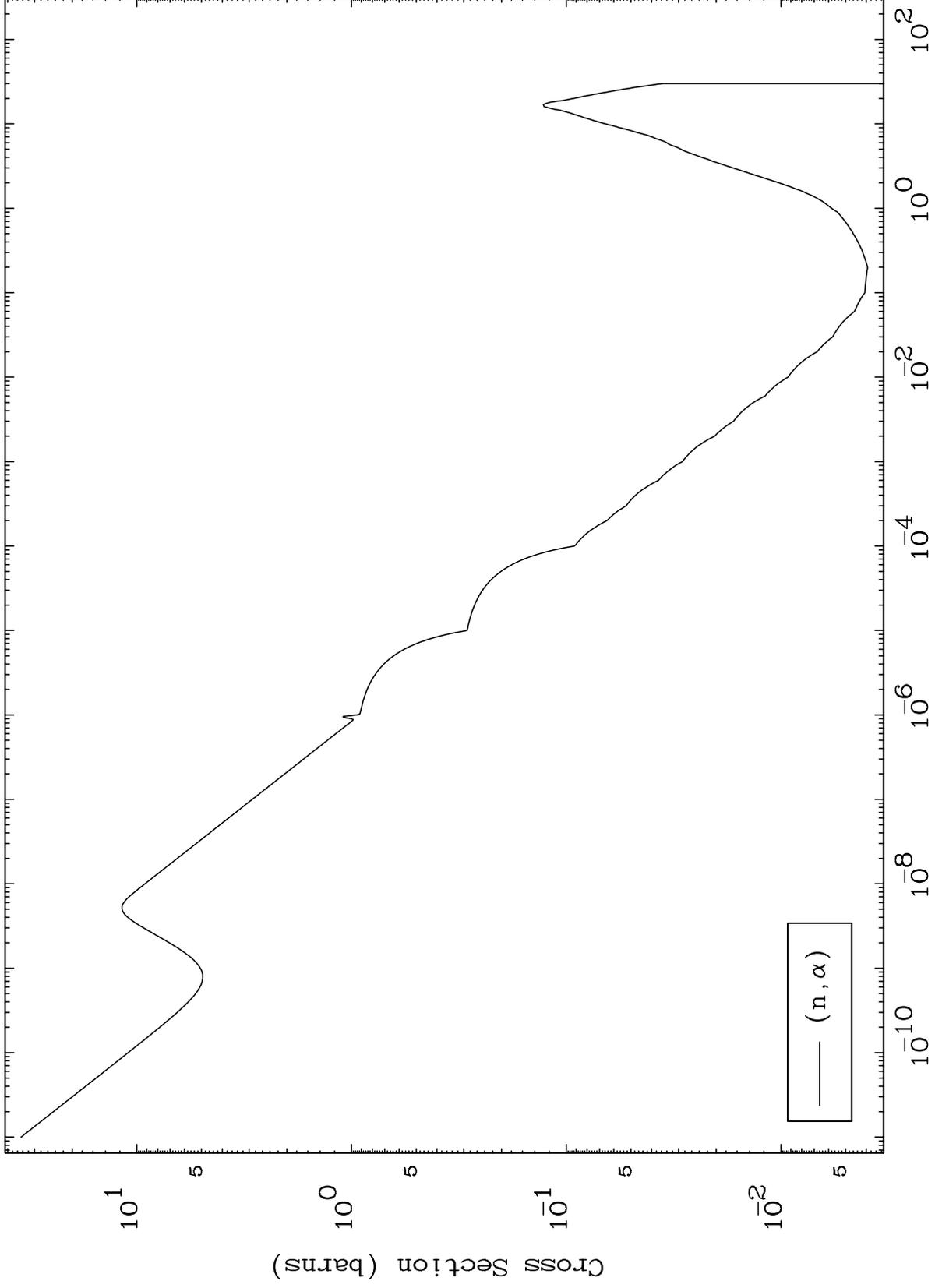
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MAT 8274

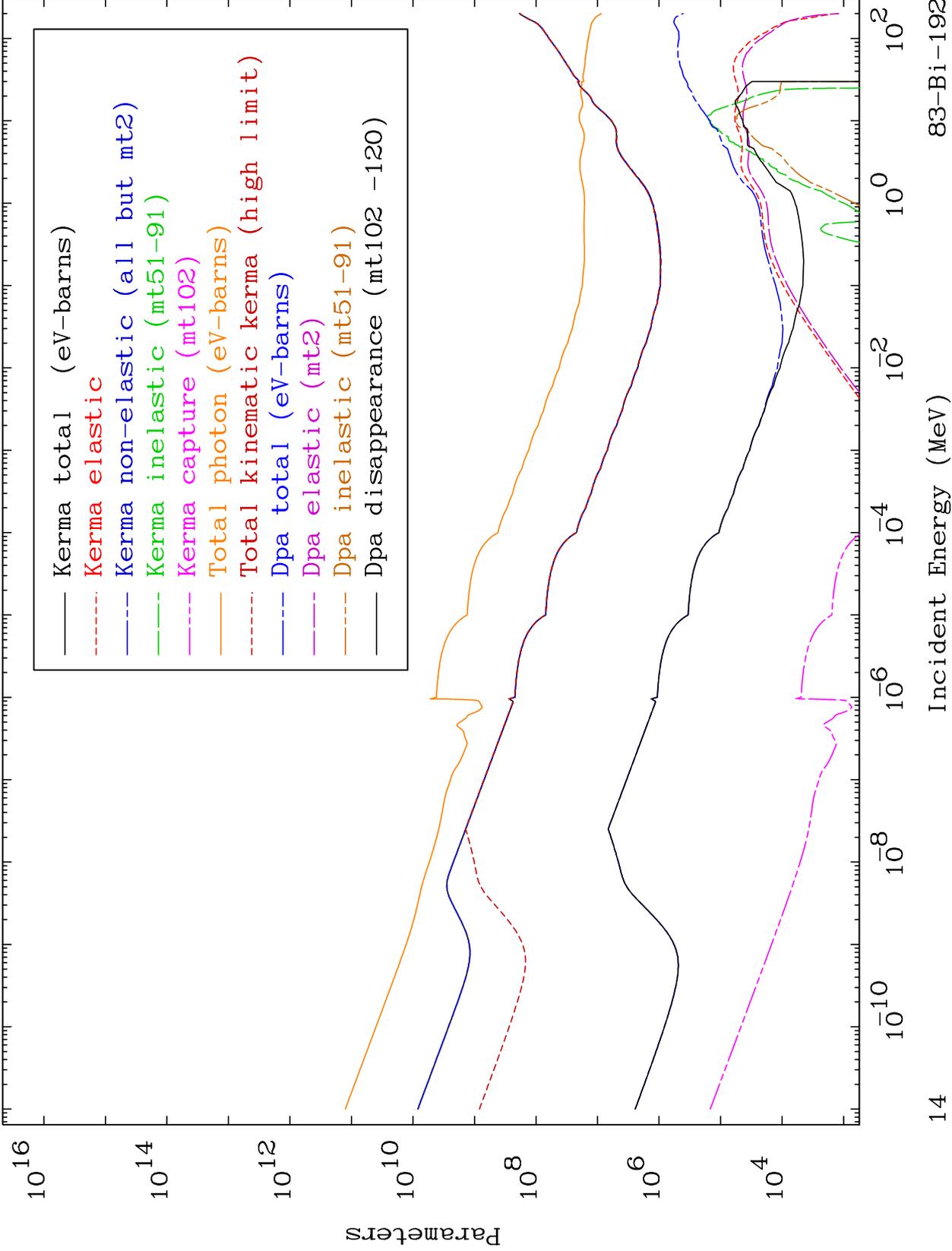
(n,α) Levels
293 Kelvin Cross Sections

83-Bi-192



13

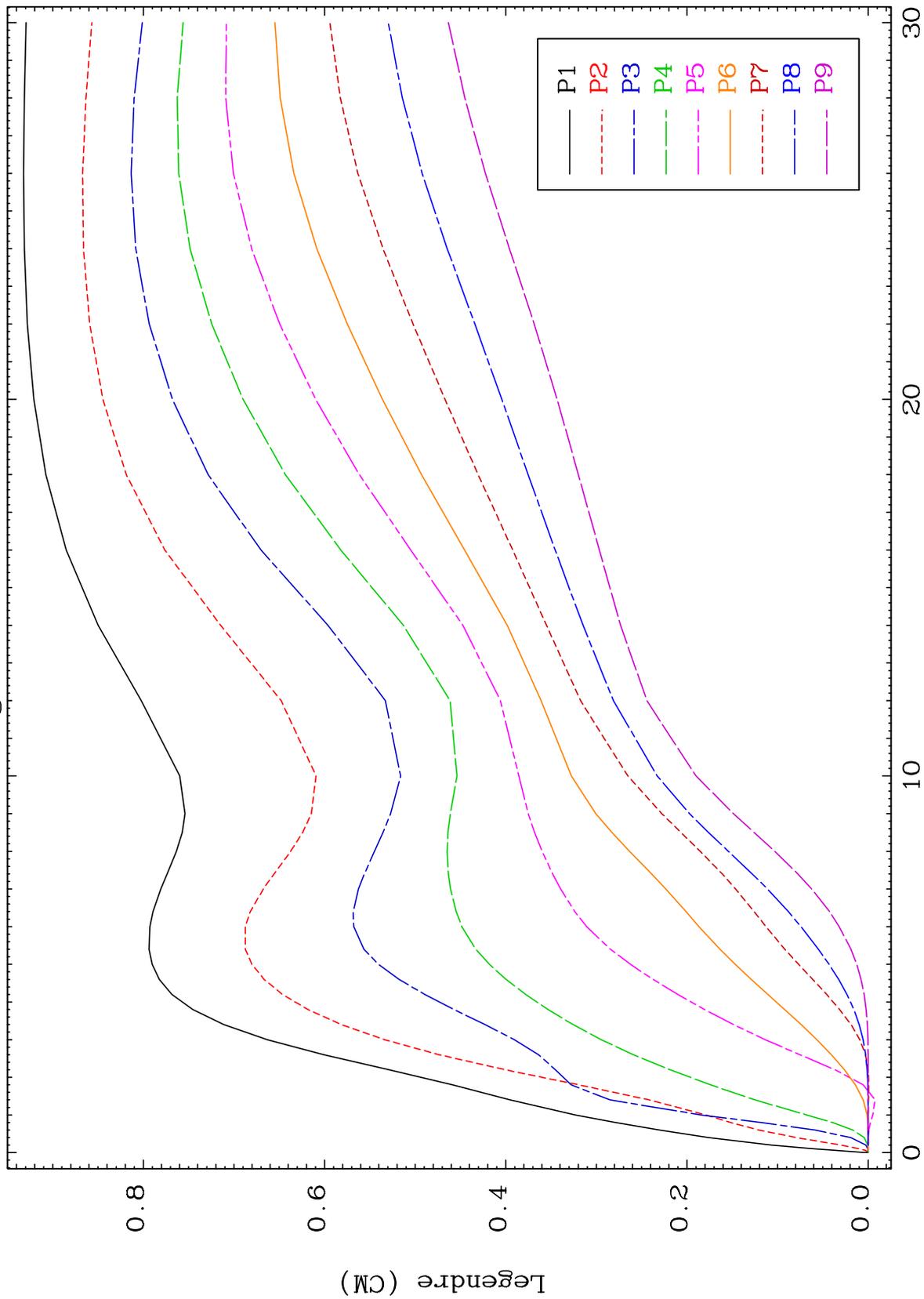
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MAT 8274

Elastic Legendre Coefficients

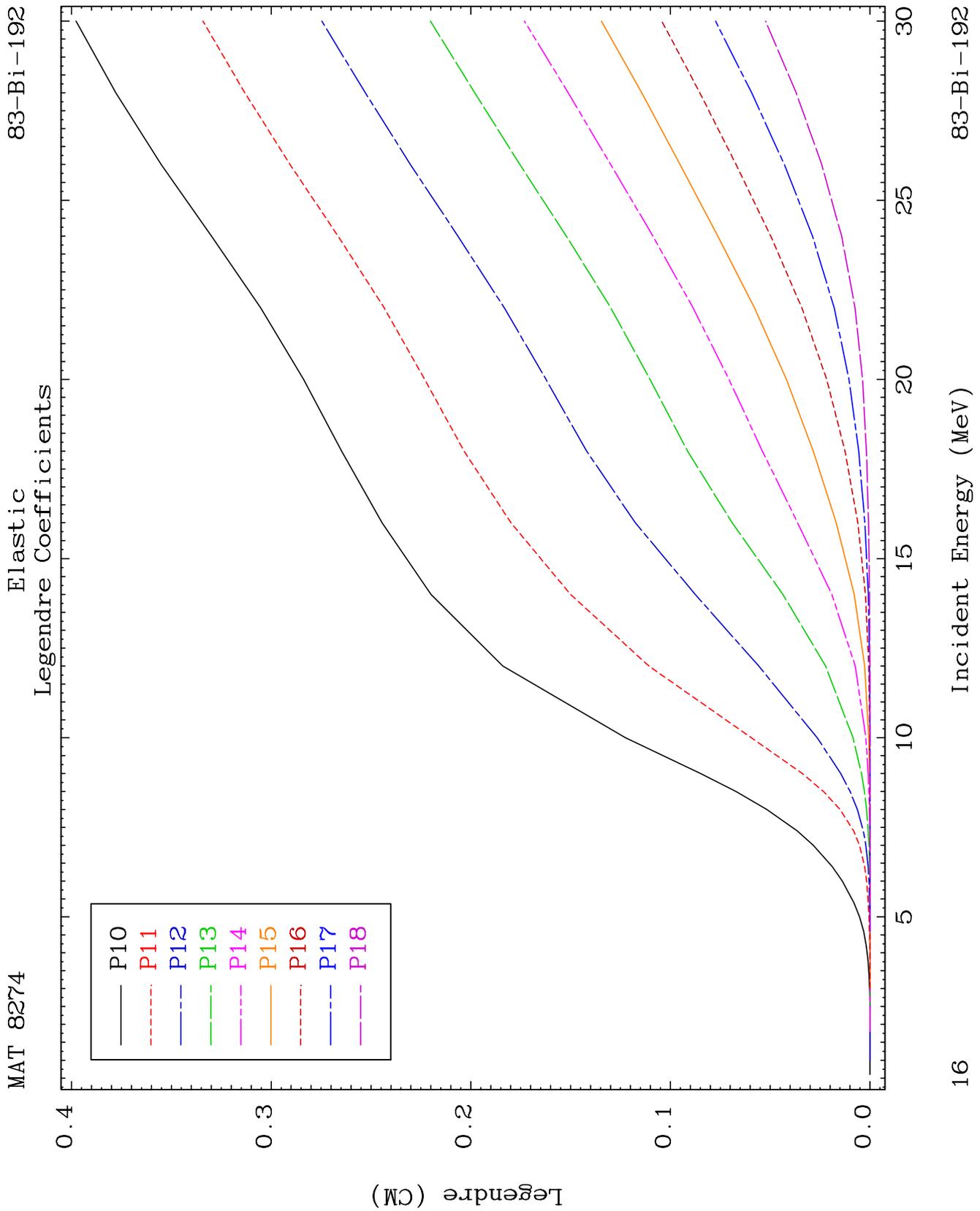
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15

Incident Energy (MeV)

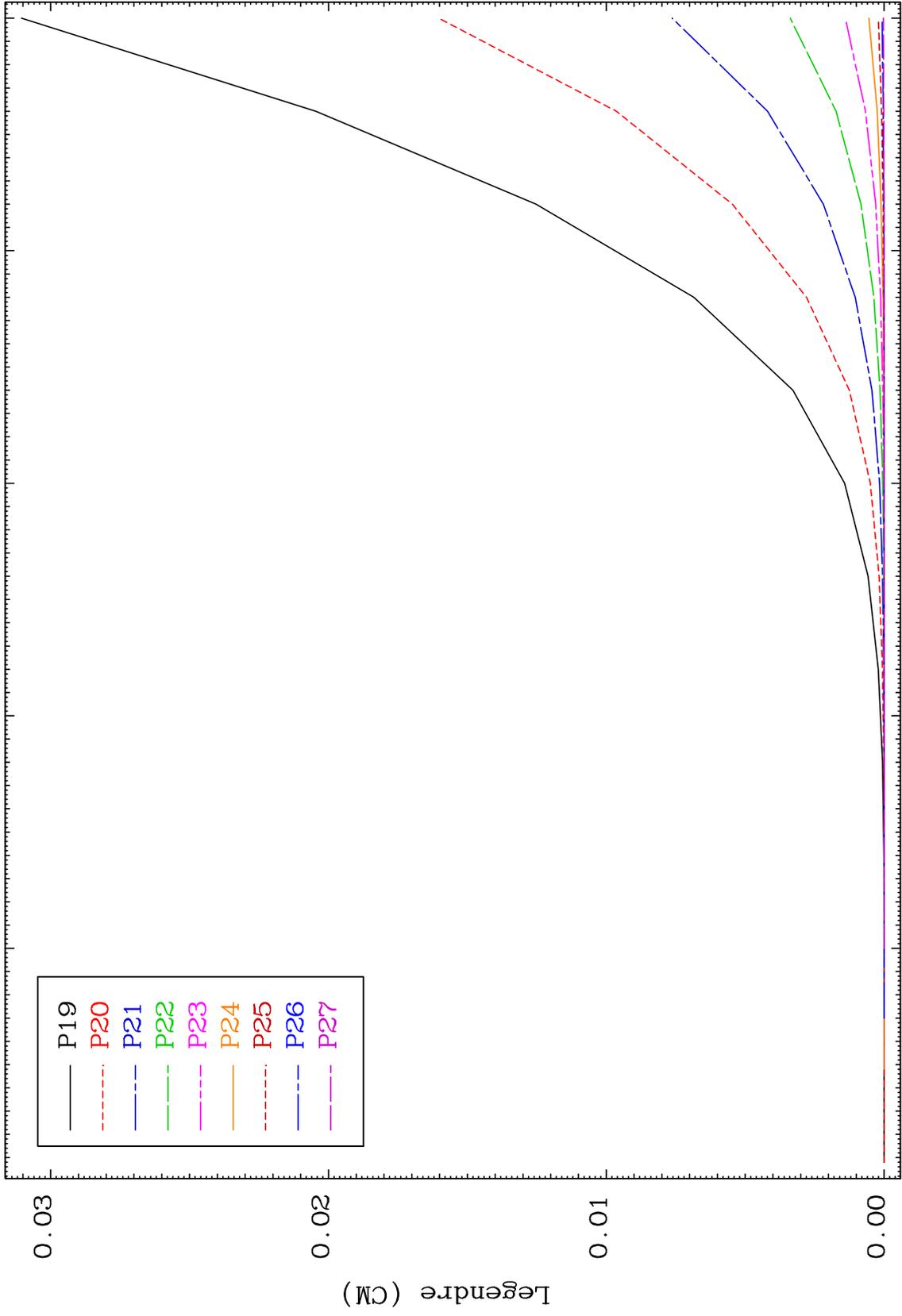
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MAT 8274

Elastic Legendre Coefficients

83-Bi-192



17

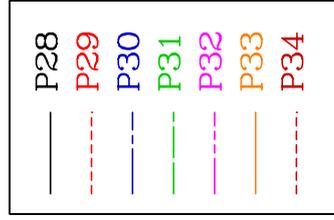
Incident Energy (MeV)

83-Bi-192

MAT 8274

Elastic Legendre Coefficients

83-Bi-192



$\times 10^{-6}$

Legendre (CM)

10

15

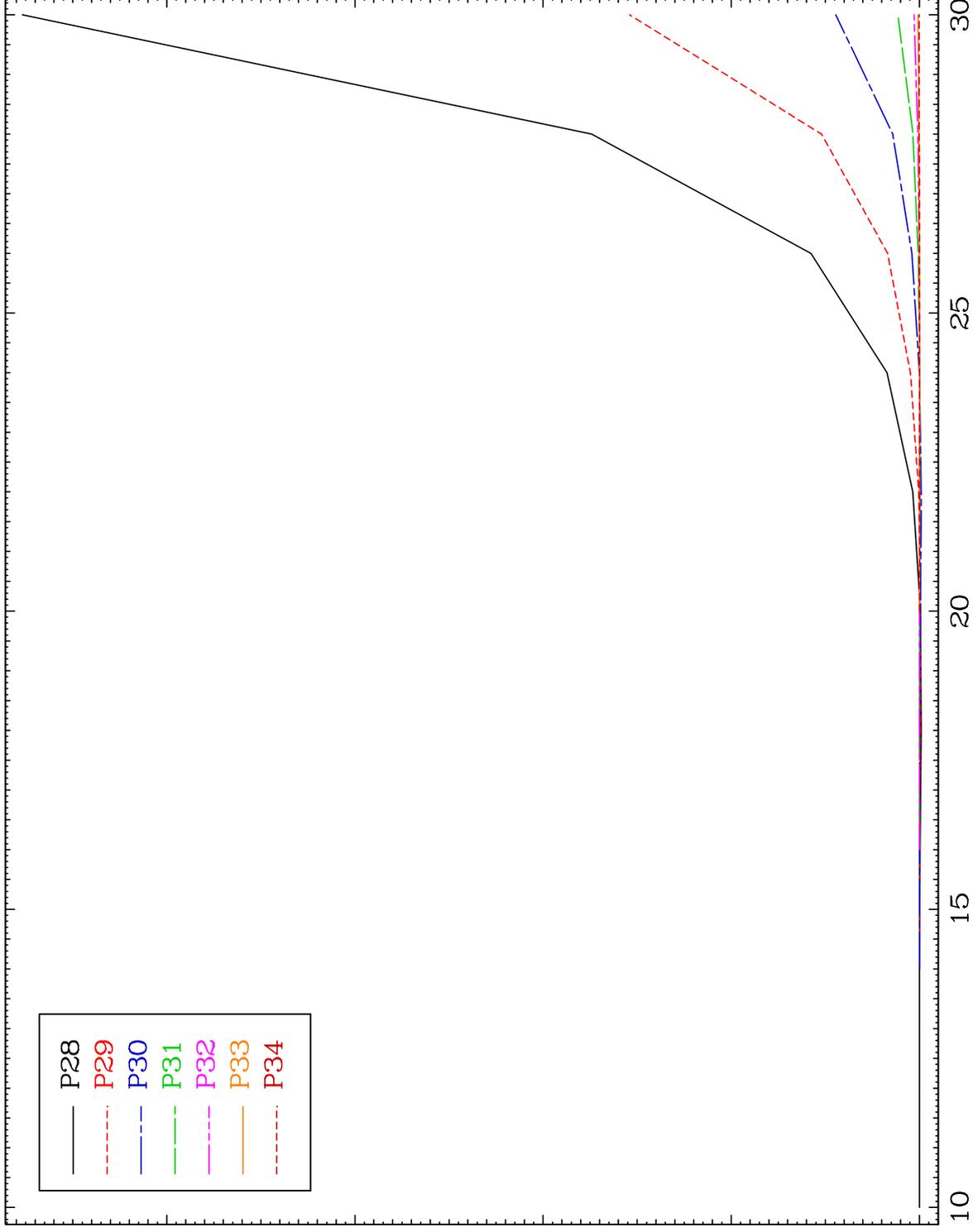
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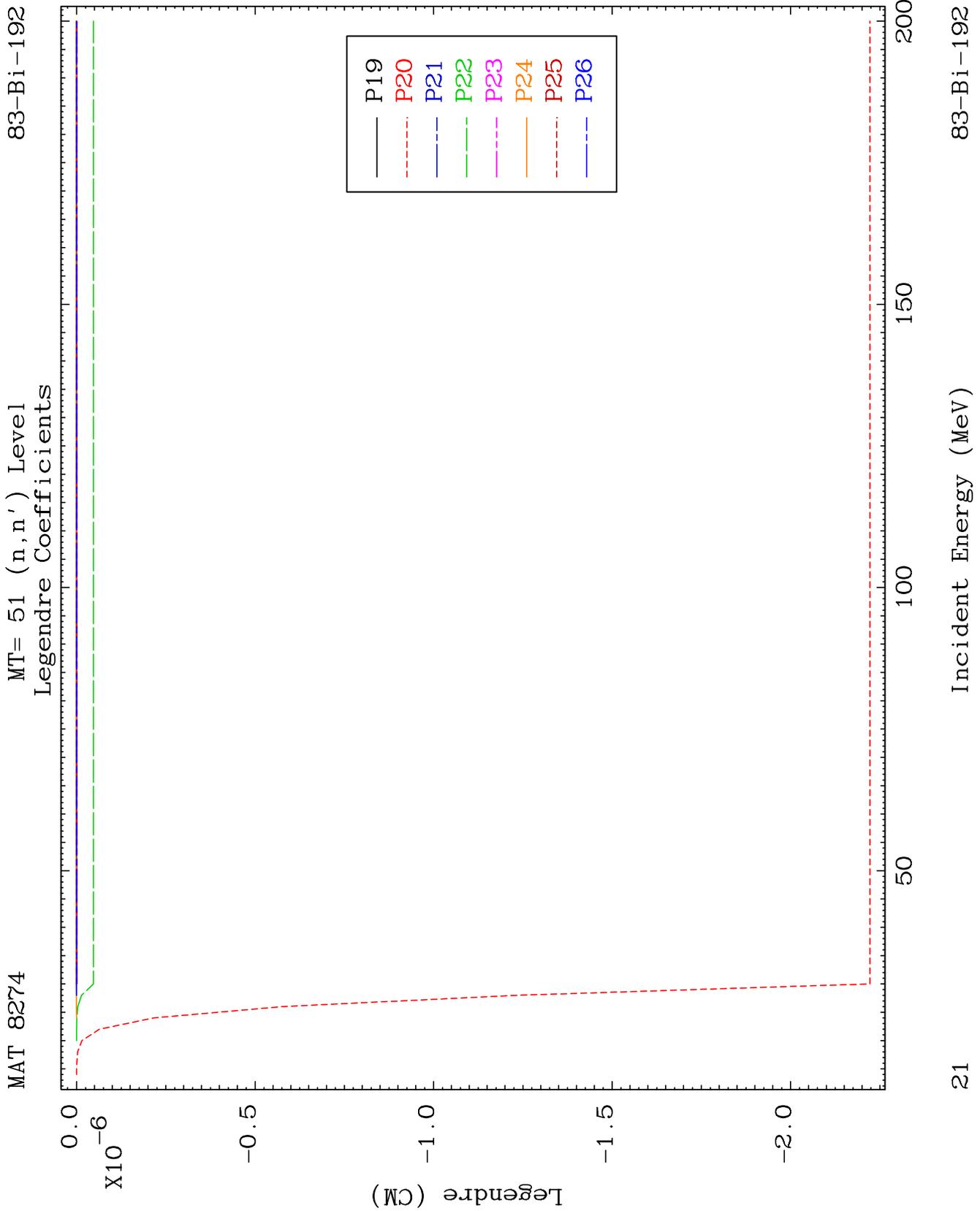
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Incident Energy (MeV)

83-Bi-192

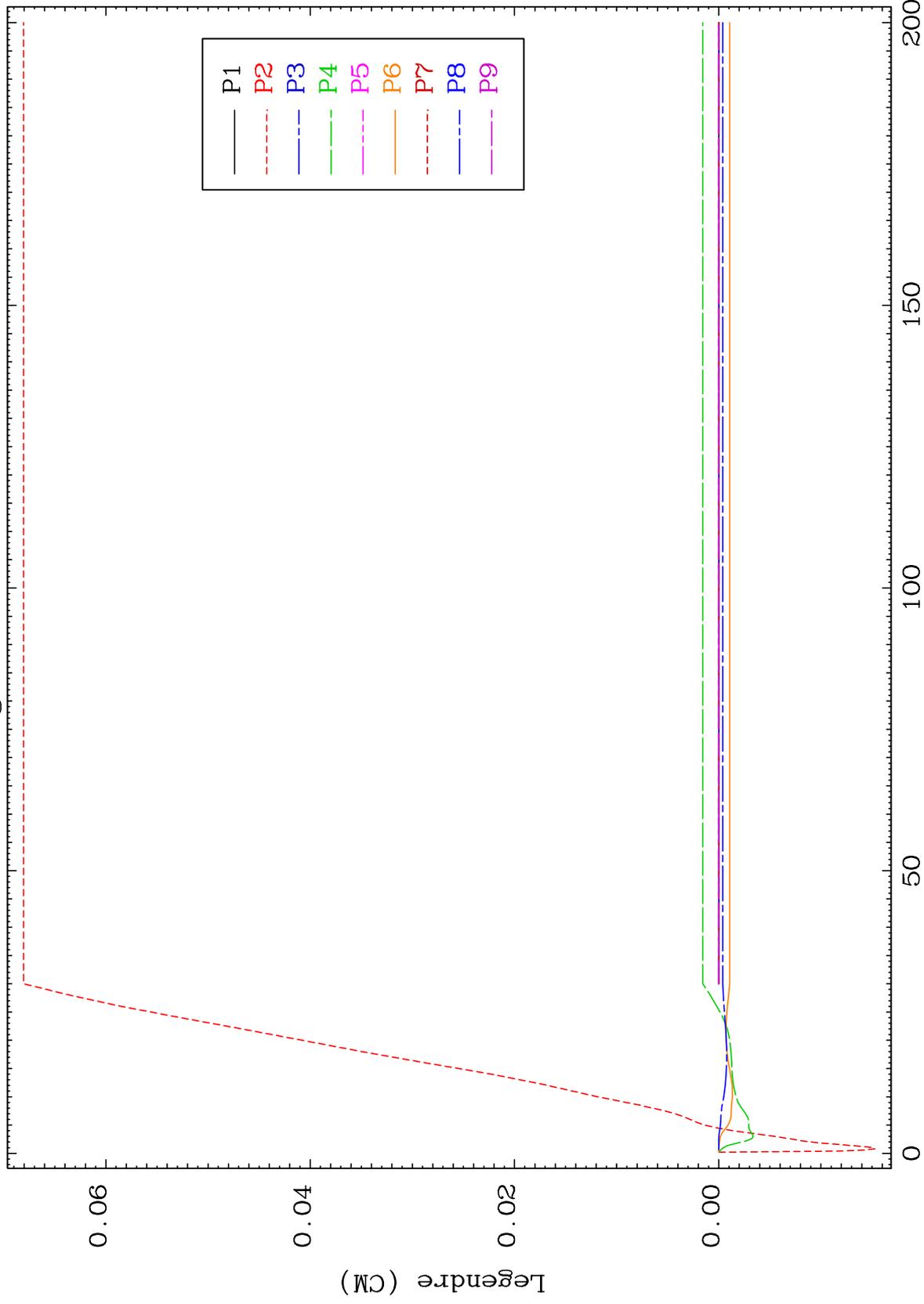




MAT 8274

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

83-Bi-192



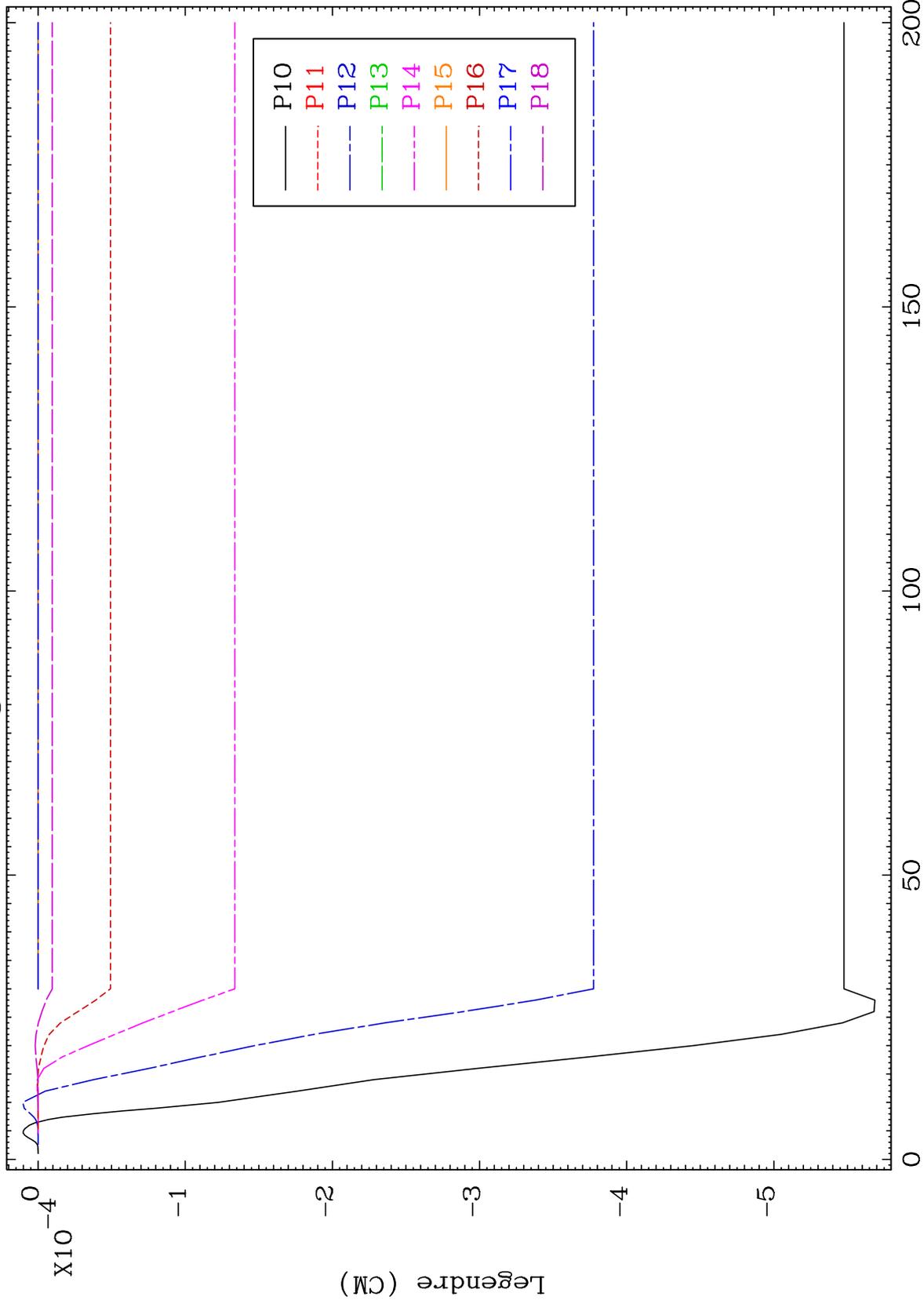
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83-Bi-192

MAT 8274

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

83-Bi-192



23

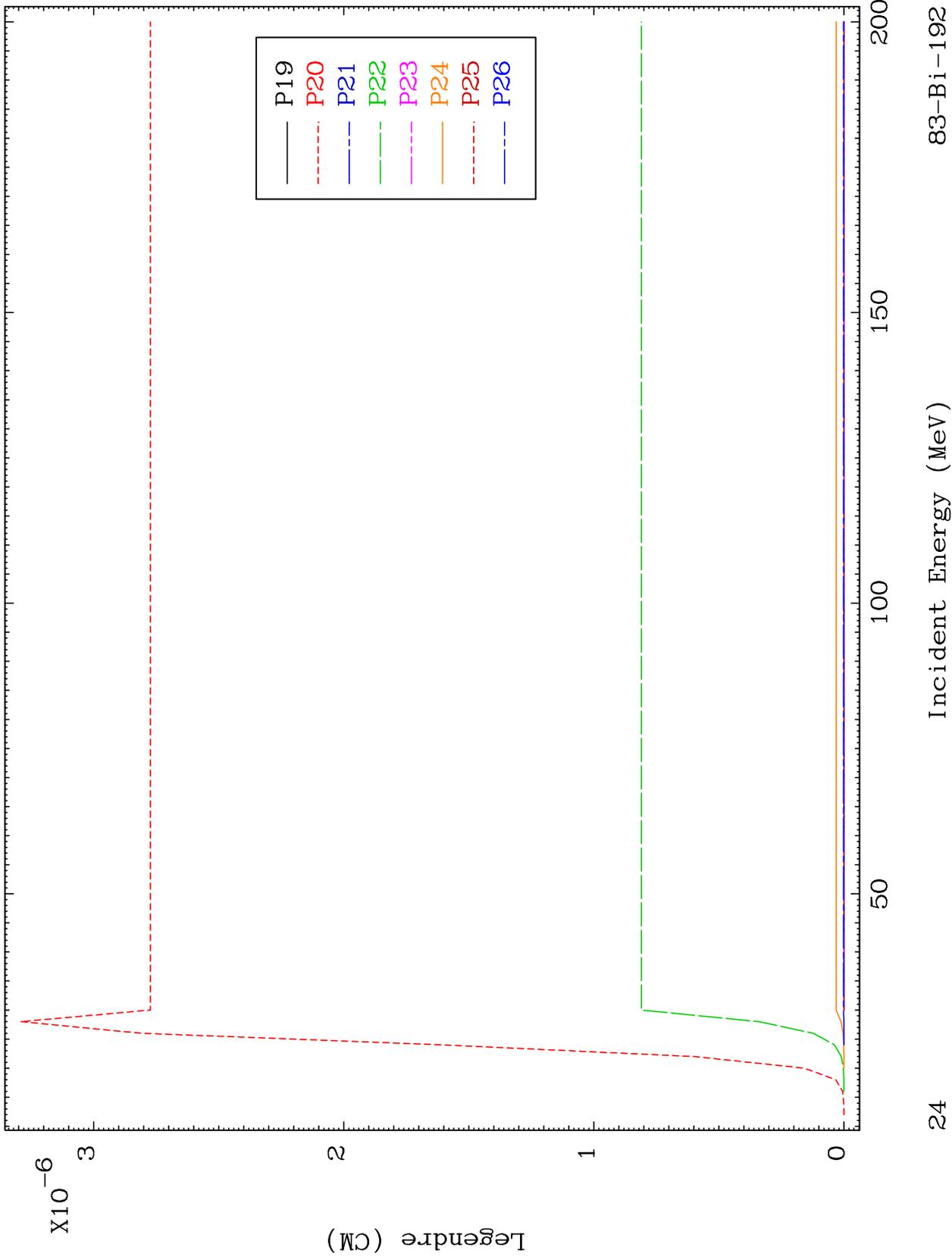
Incident Energy (MeV)

83-Bi-192

MAT 8274

83-Bi-192

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



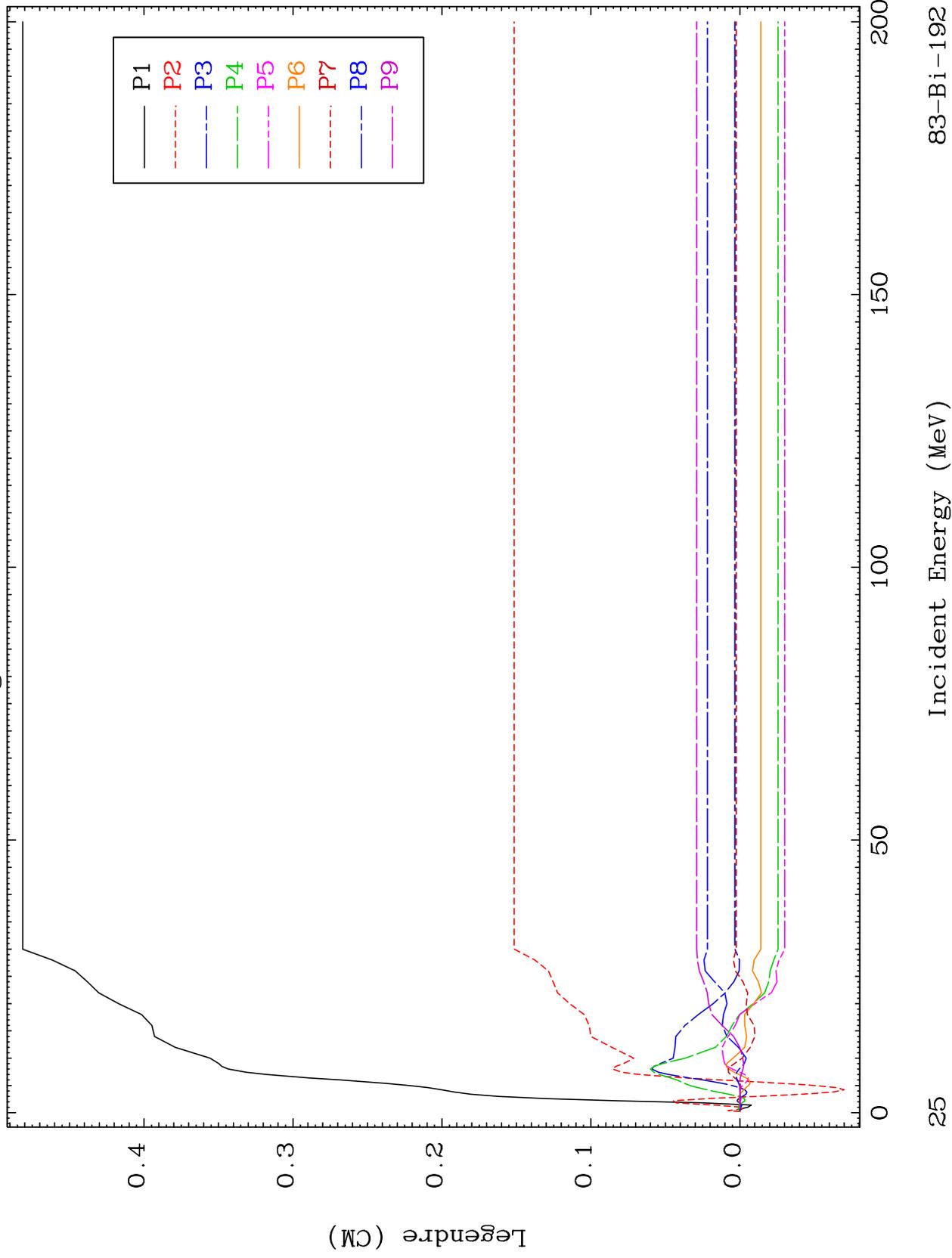
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83-Bi-192

MAT 8274

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

83-Bi-192



83-Bi-192

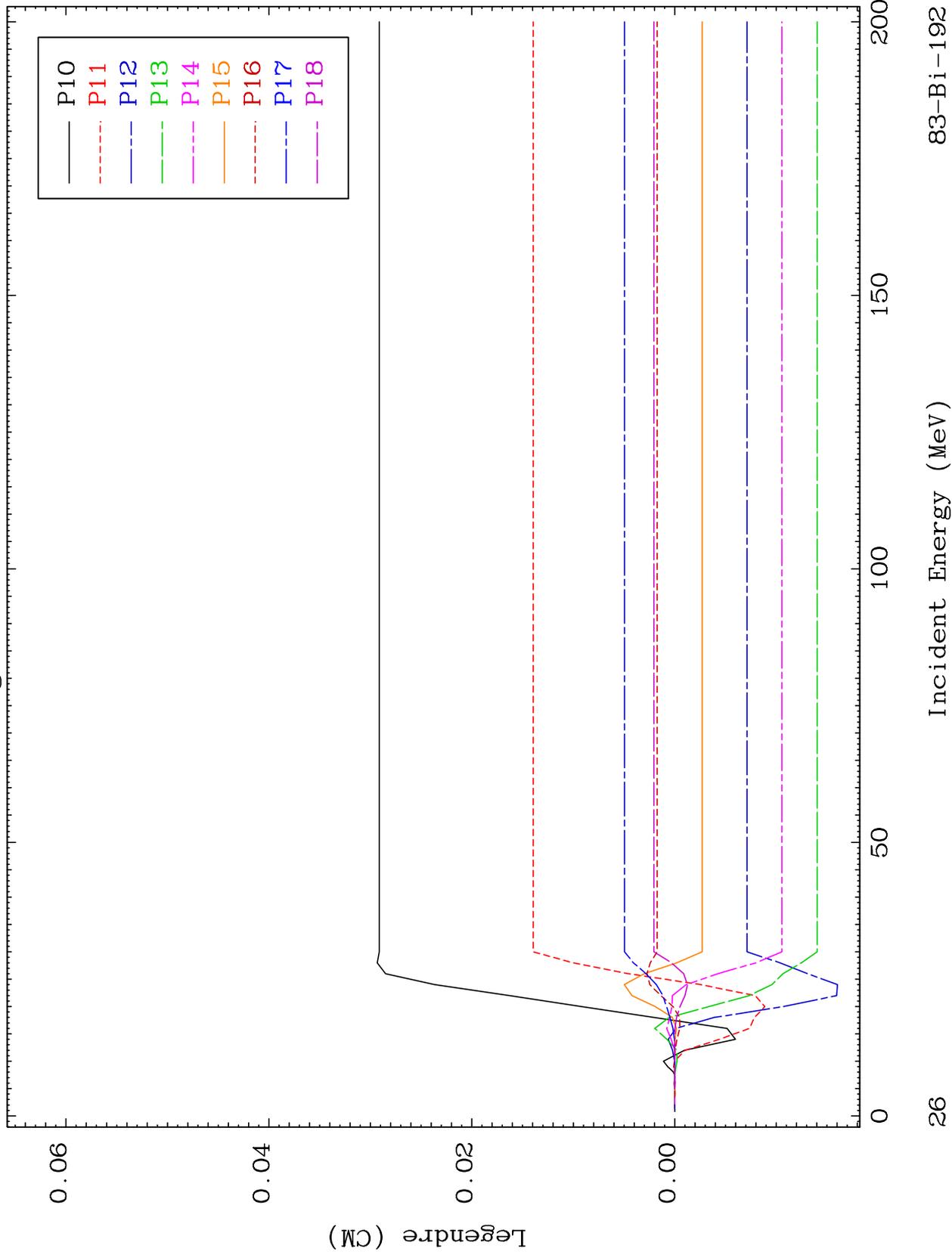
Incident Energy (MeV)

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MAT 8274

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

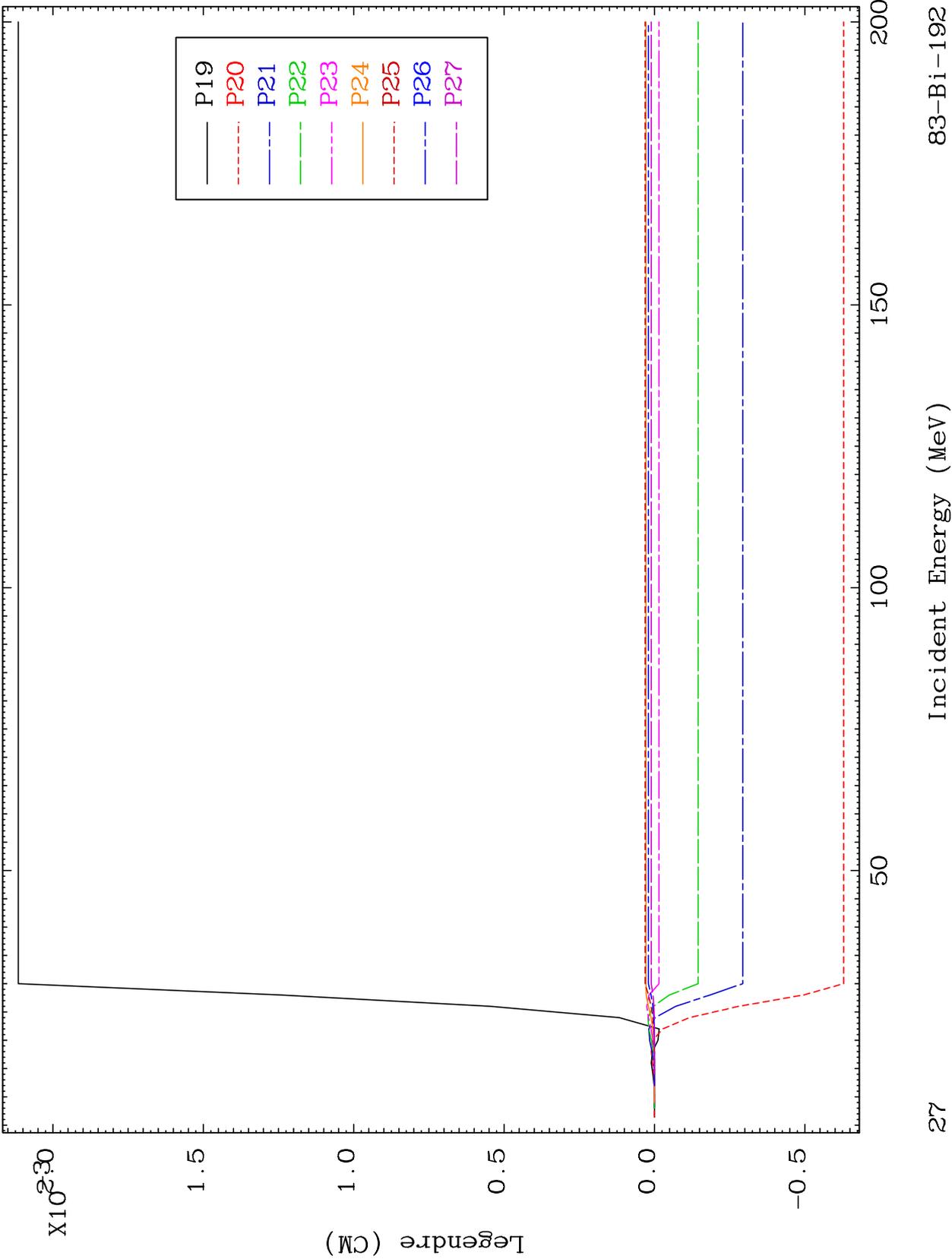
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26

Incident Energy (MeV)

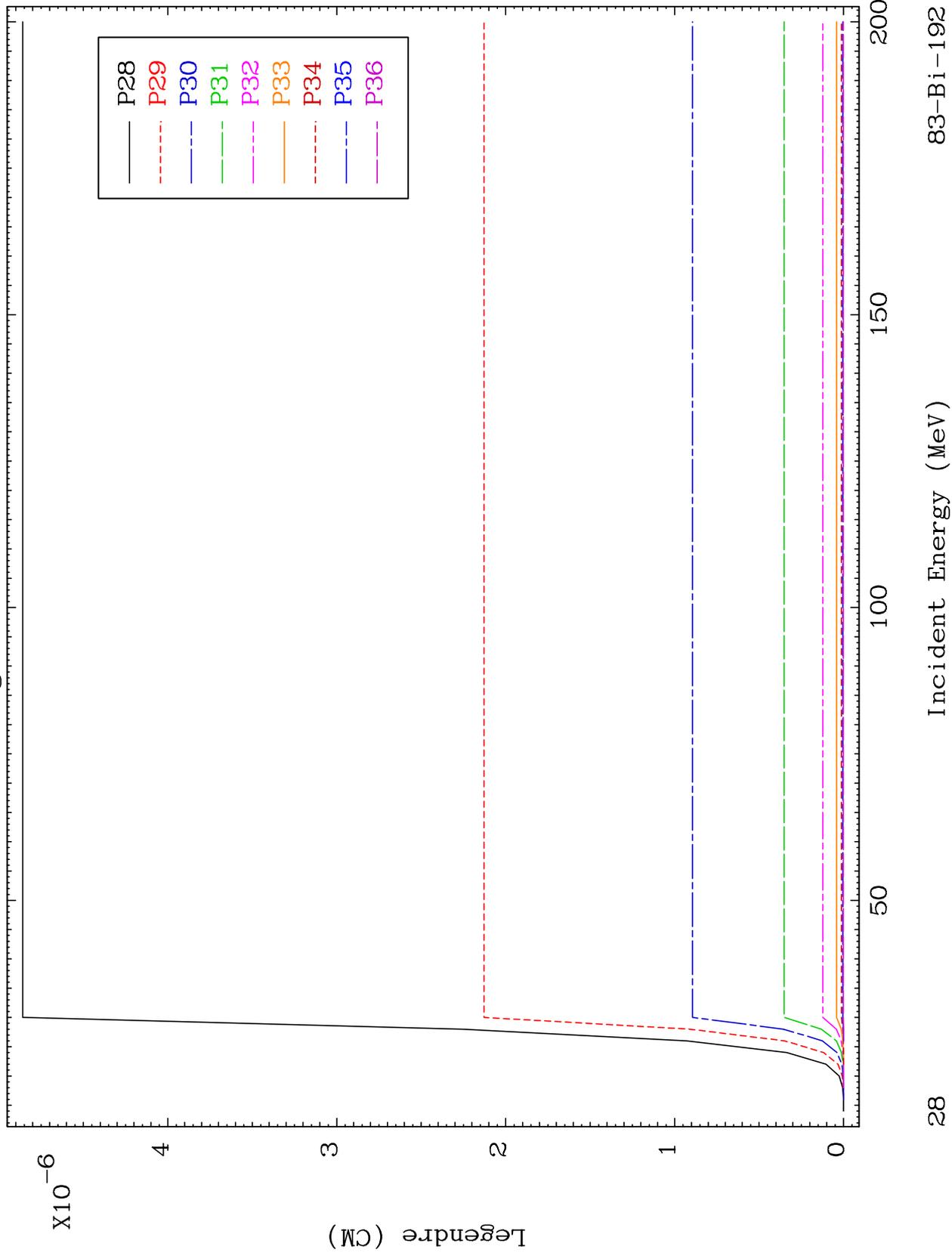
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MAT 8274

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

83-Bi-192

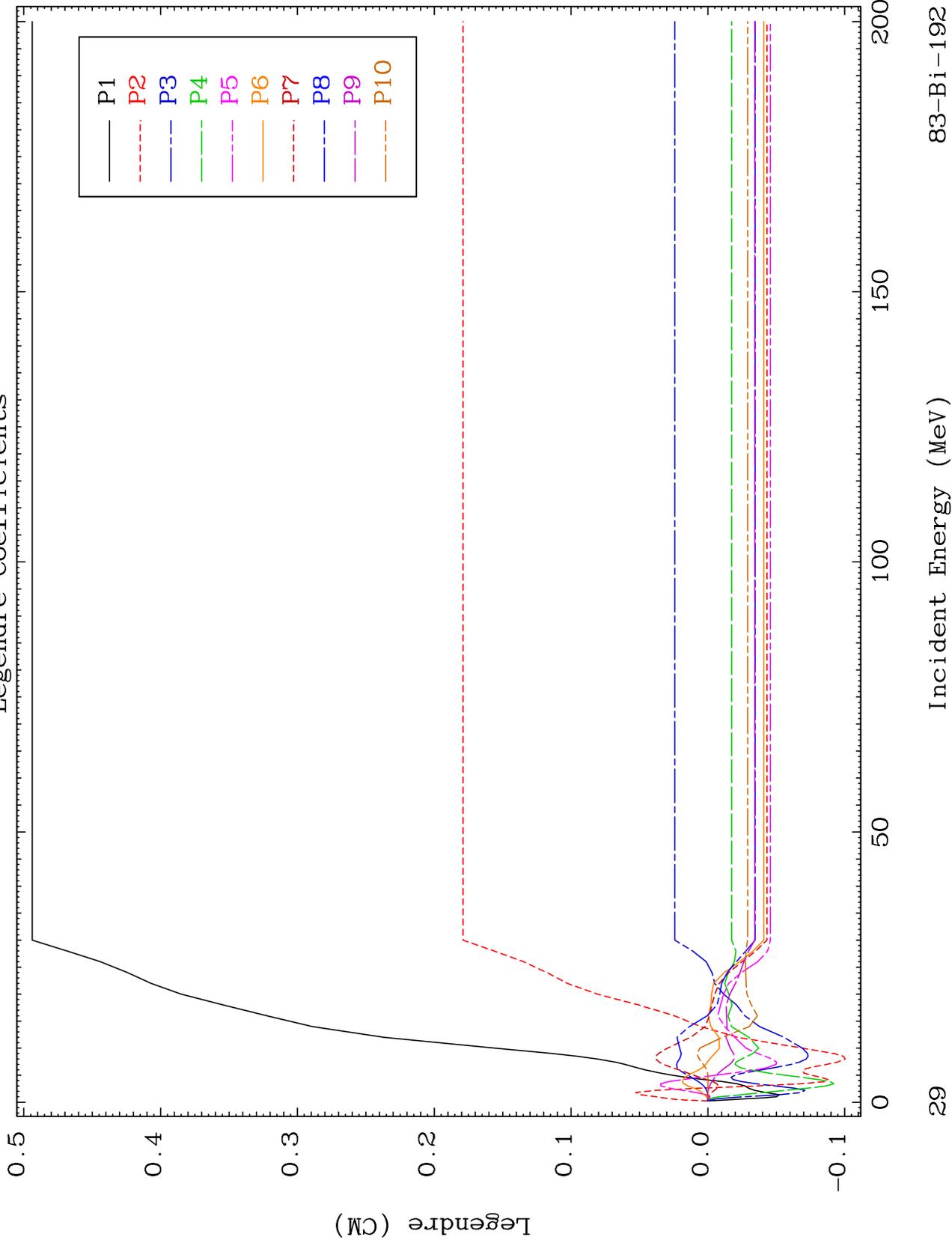


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MAT 8274

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

83-Bi-192



83-Bi-192

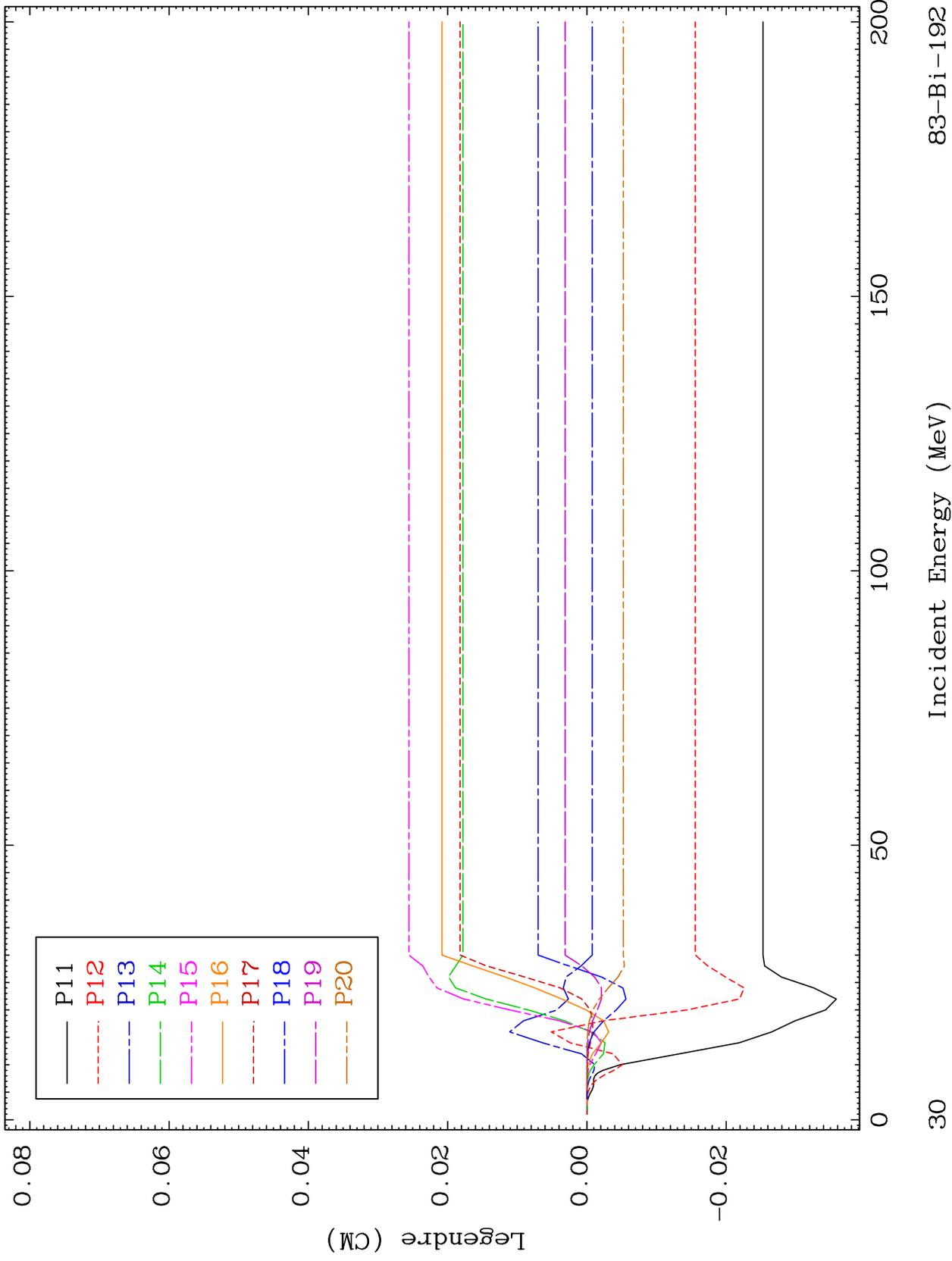
Incident Energy (MeV)

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MAT 8274

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

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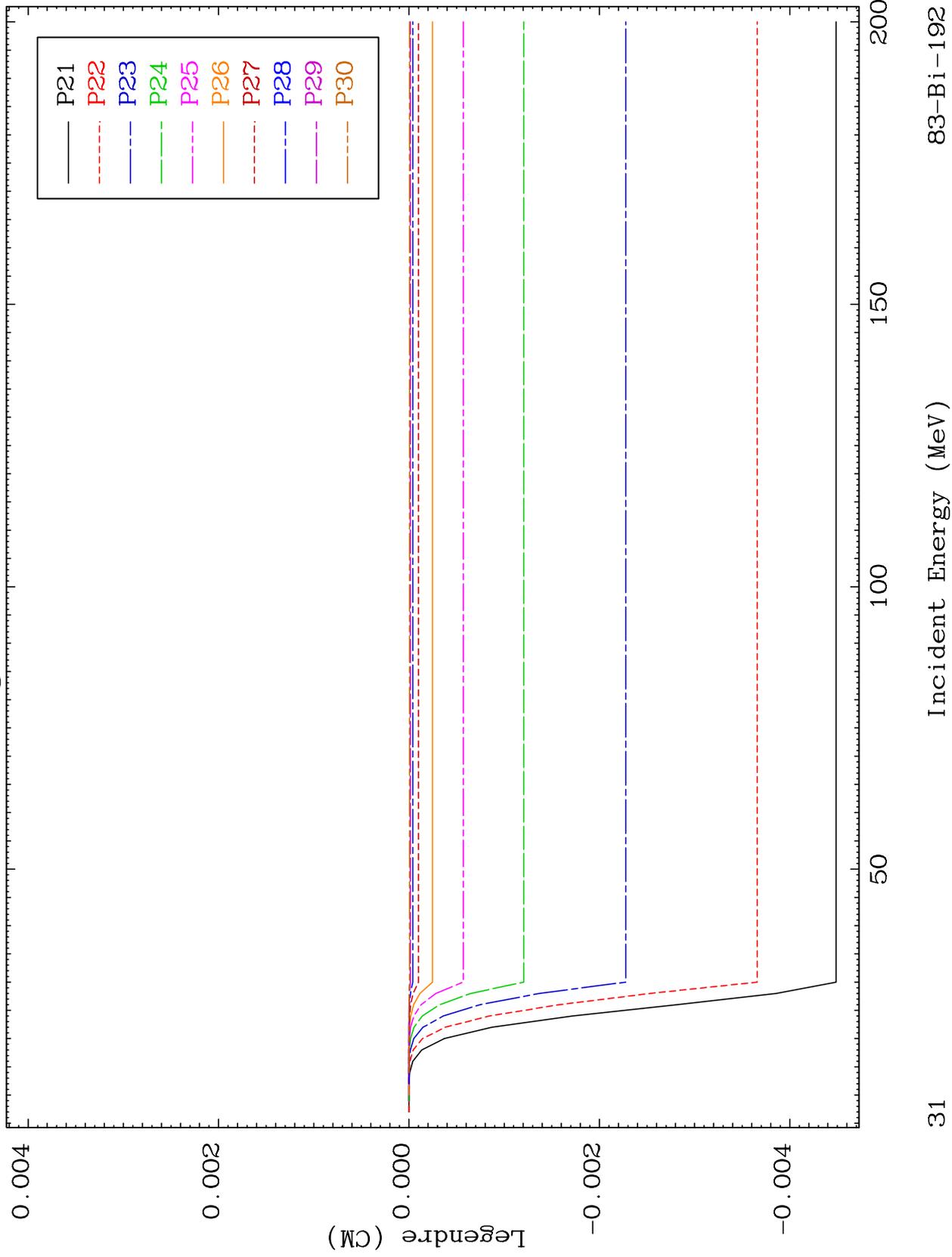


83-Bi-192

MAT 8274

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

83-Bi-192



31

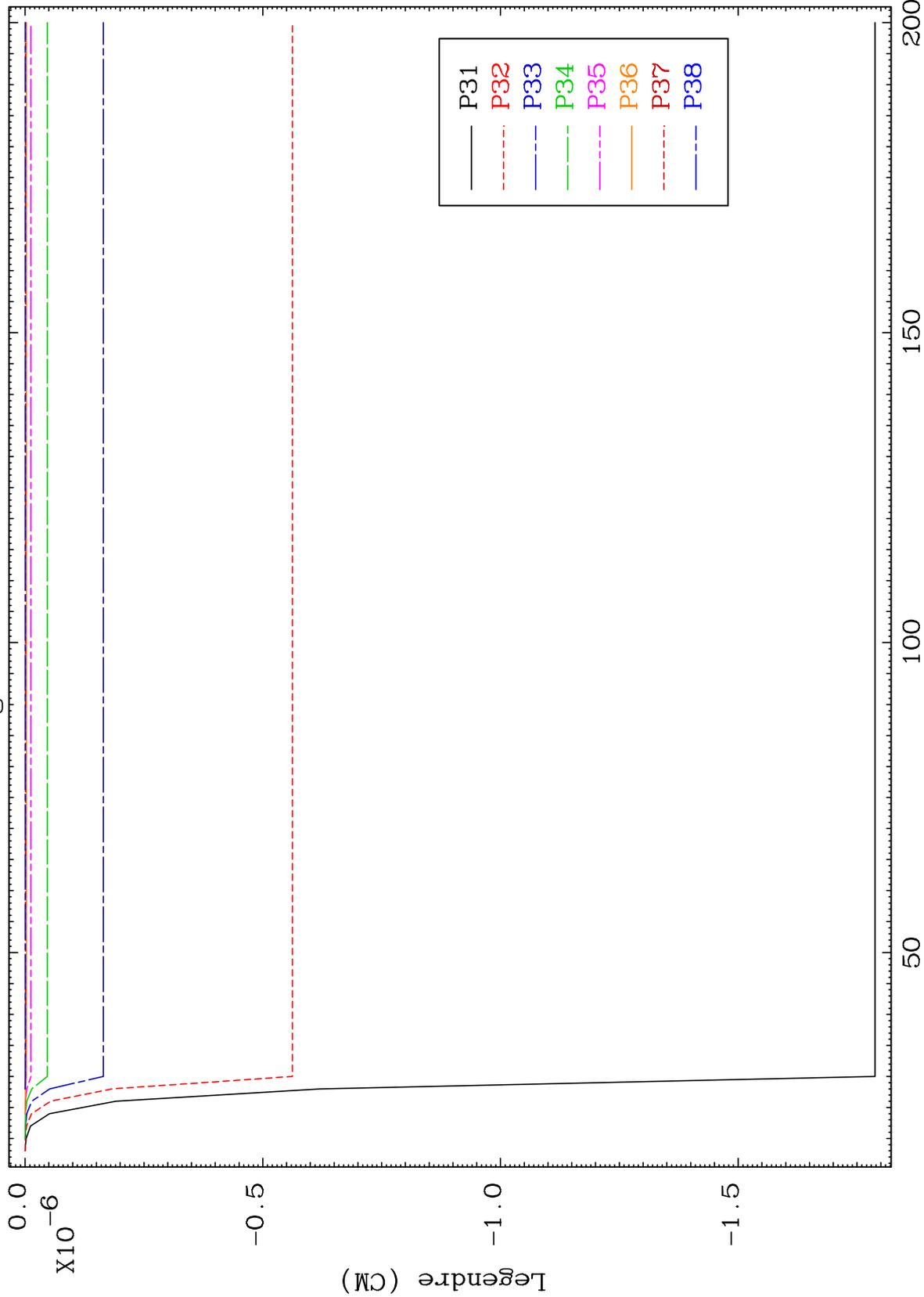
Incident Energy (MeV)

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MAT 8274

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

83-Bi-192



32

Incident Energy (MeV)

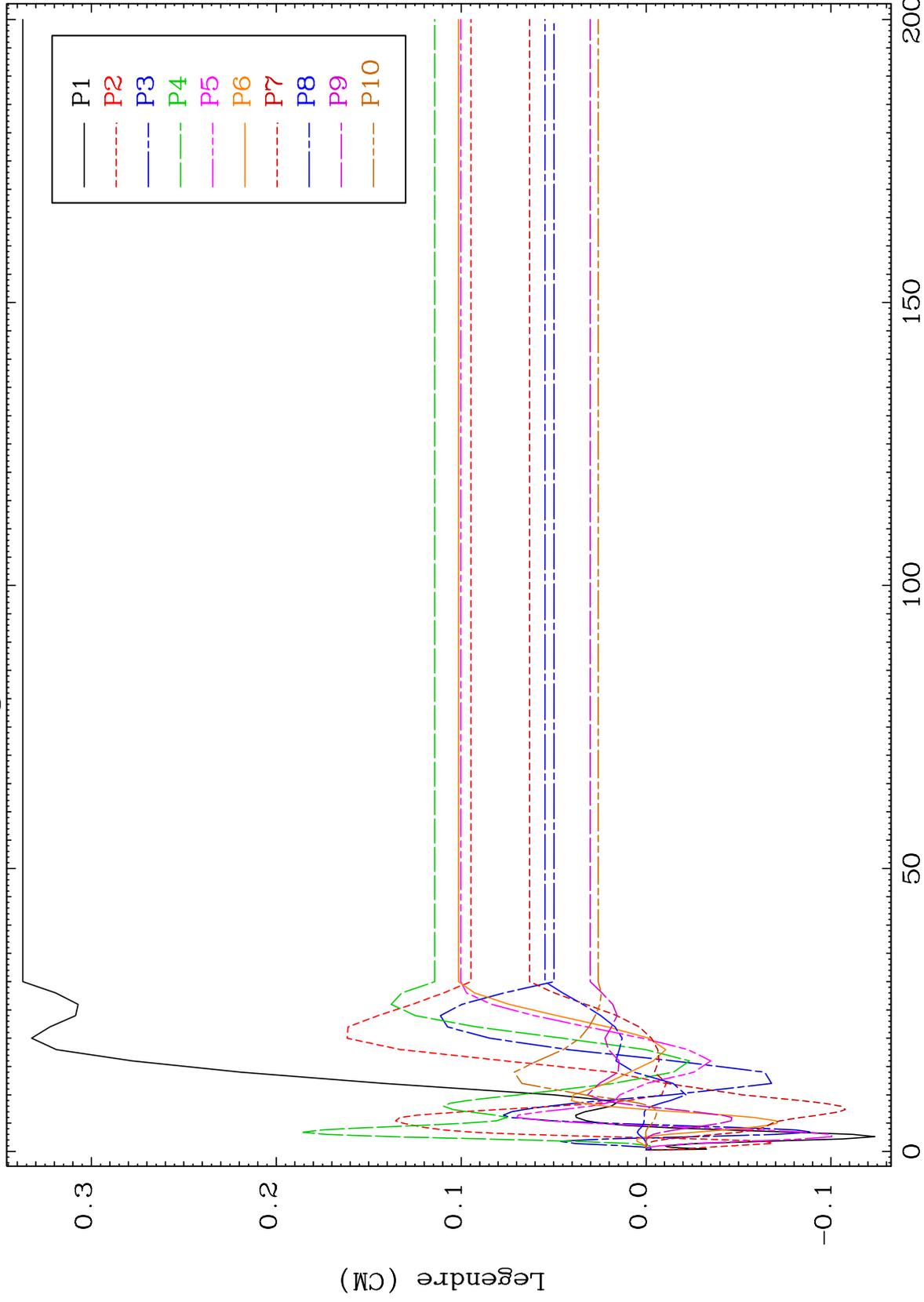
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MAT 8274

MT= 55 (n,n') Level

83-Bi-192

Legendre Coefficients



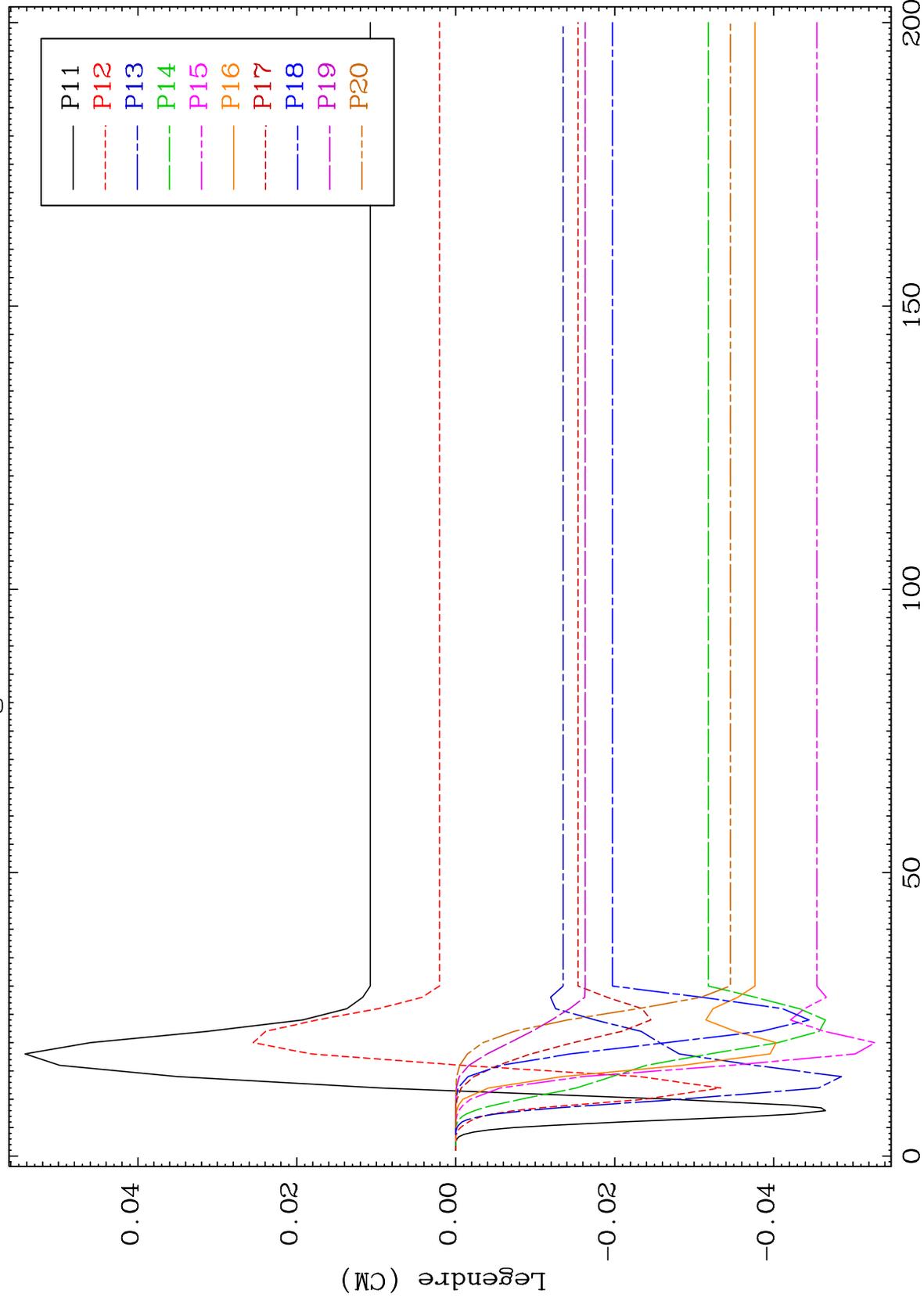
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MAT 8274

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

83-Bi-192



34

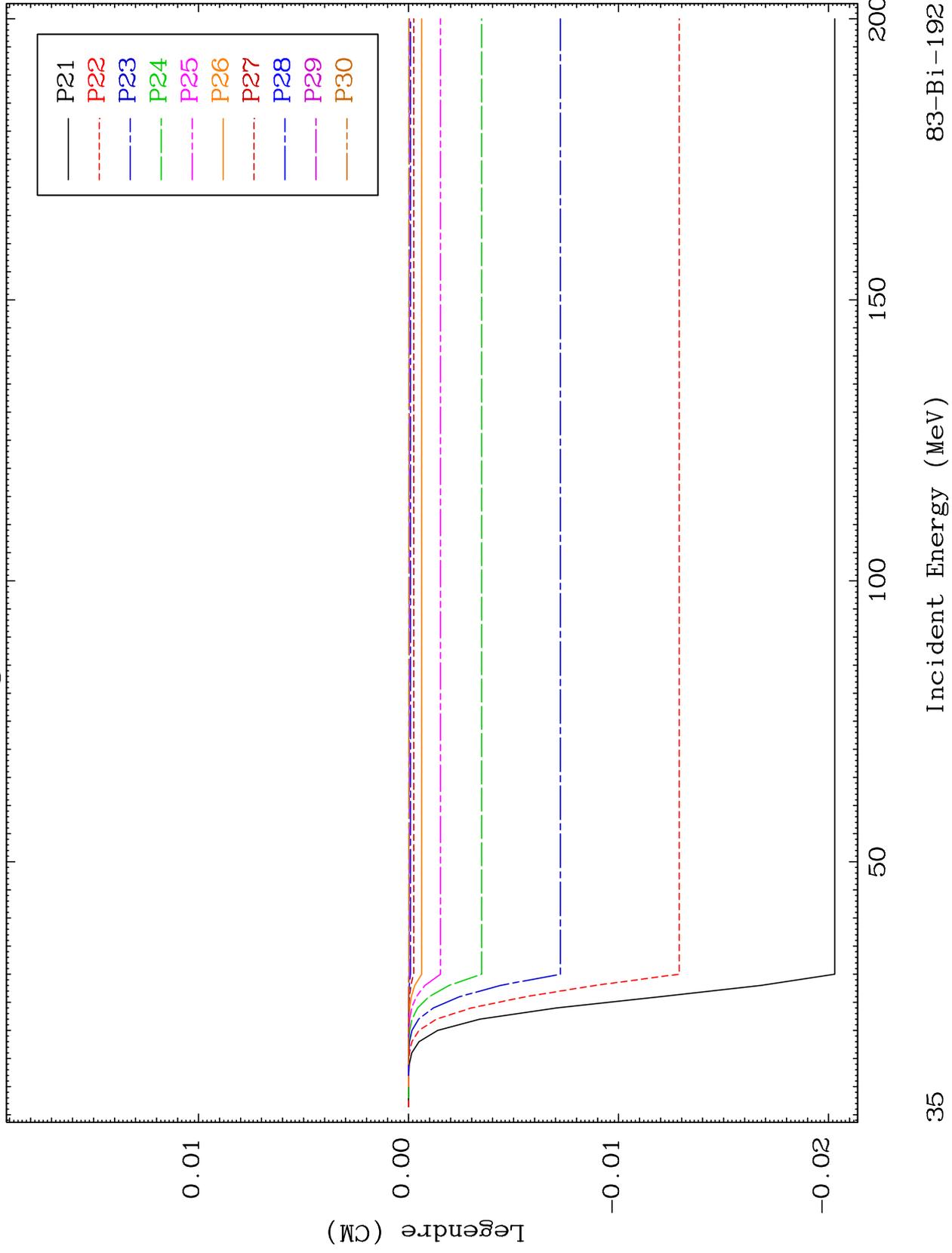
Incident Energy (MeV)

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MAT 8274

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

83-Bi-192



35

Incident Energy (MeV)

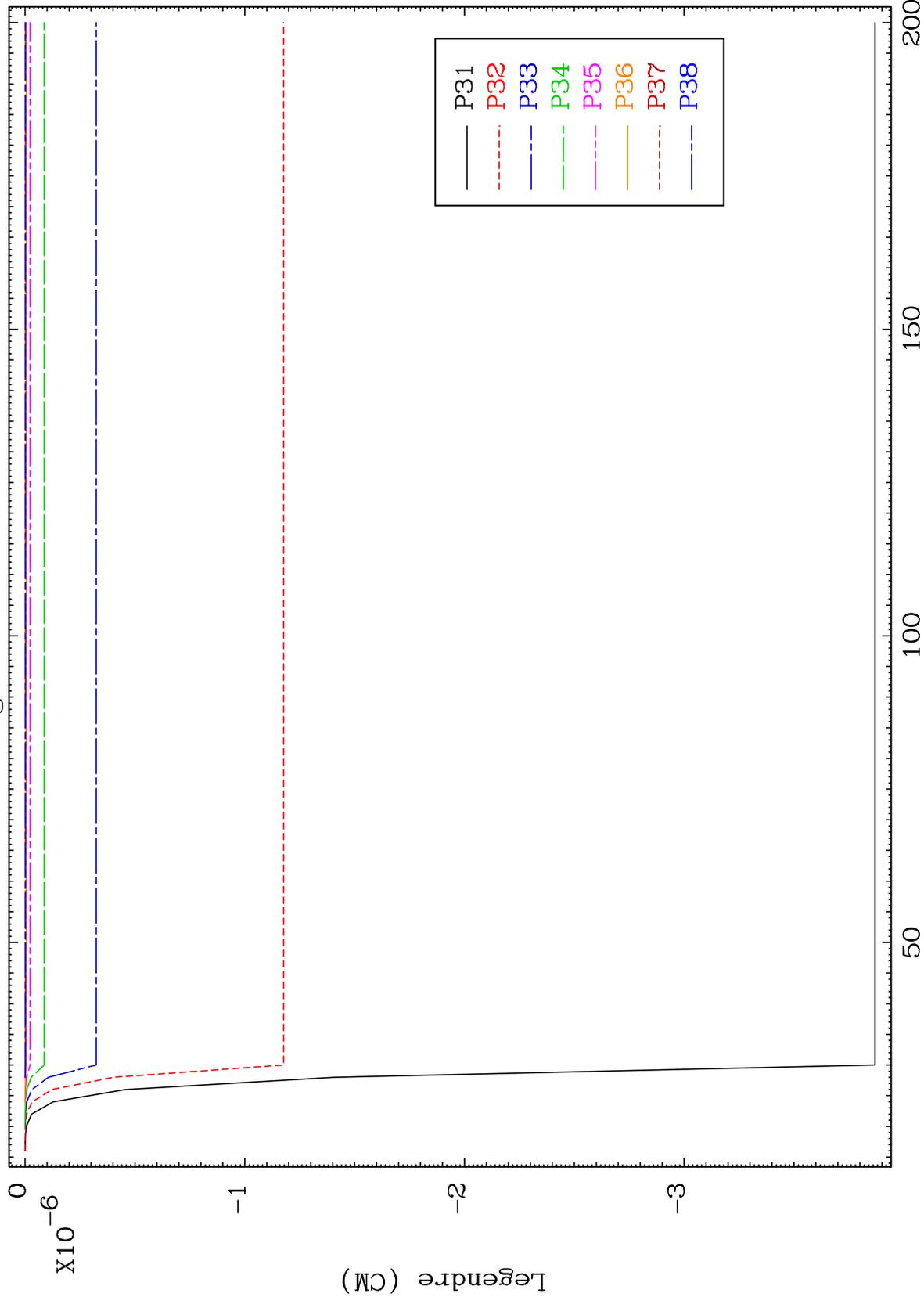
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MAT 8274

MT= 55 (n,n') Level

83-Bi-192

Legendre Coefficients



36

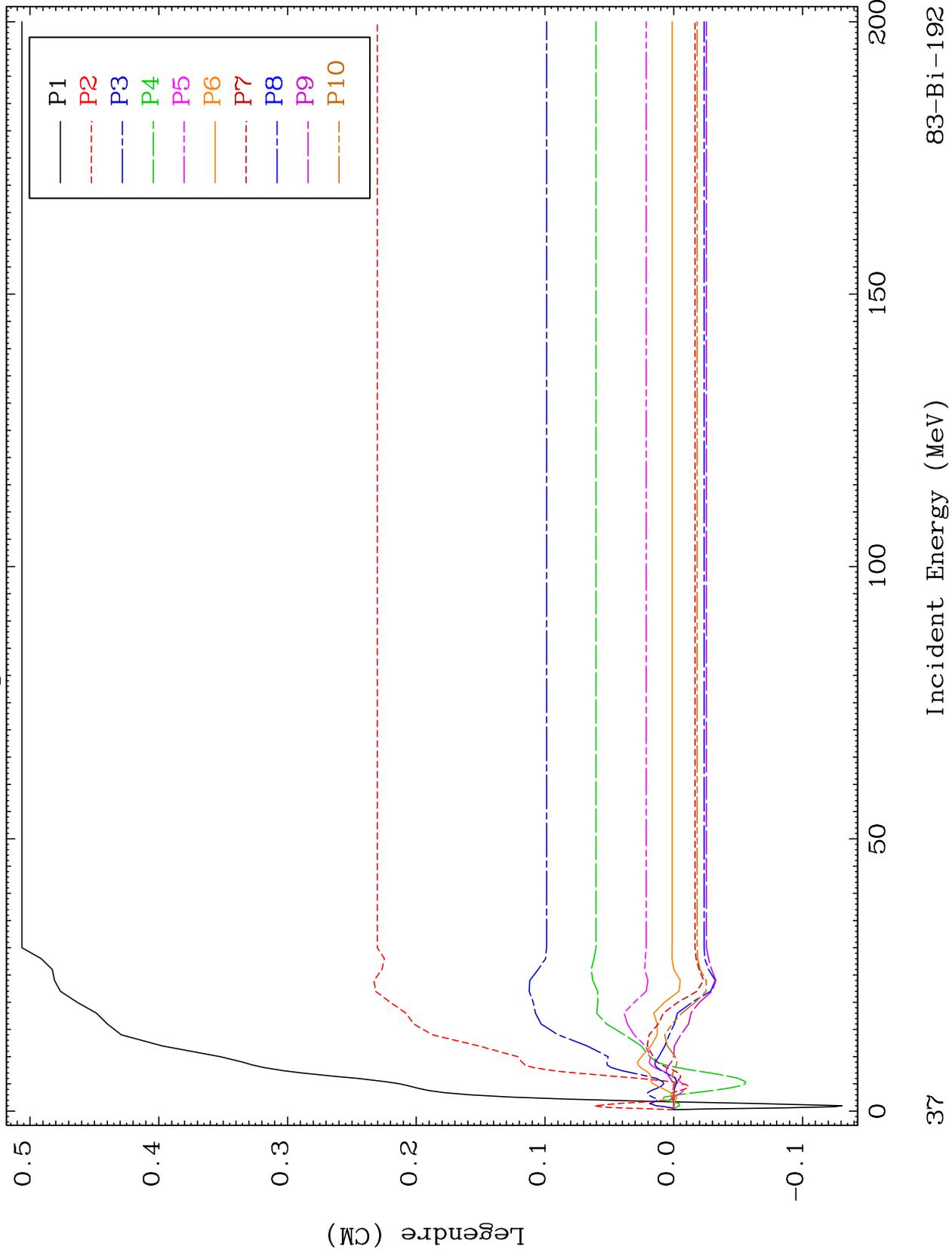
Incident Energy (MeV)

83-Bi-192

MAT 8274

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

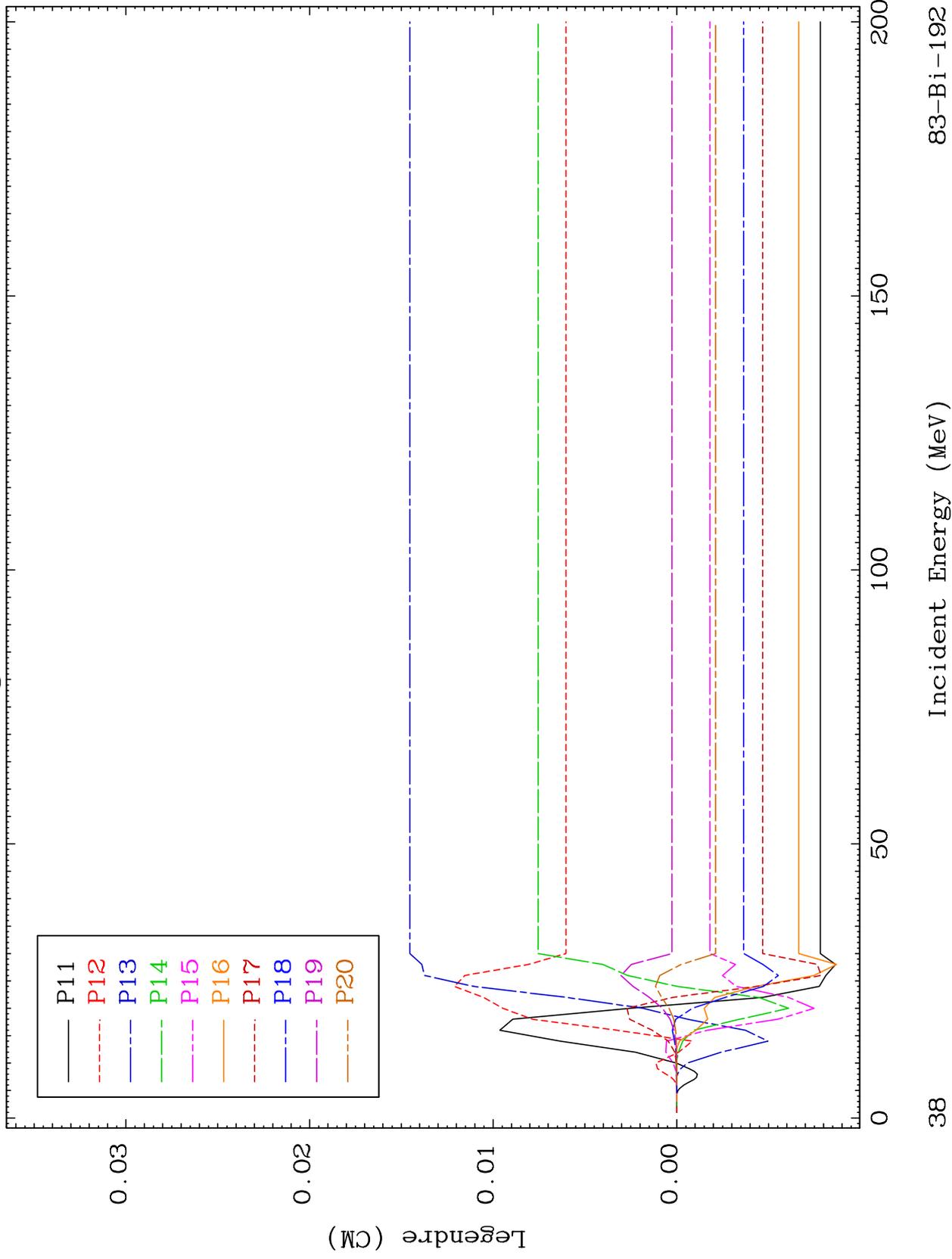
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MAT 8274

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

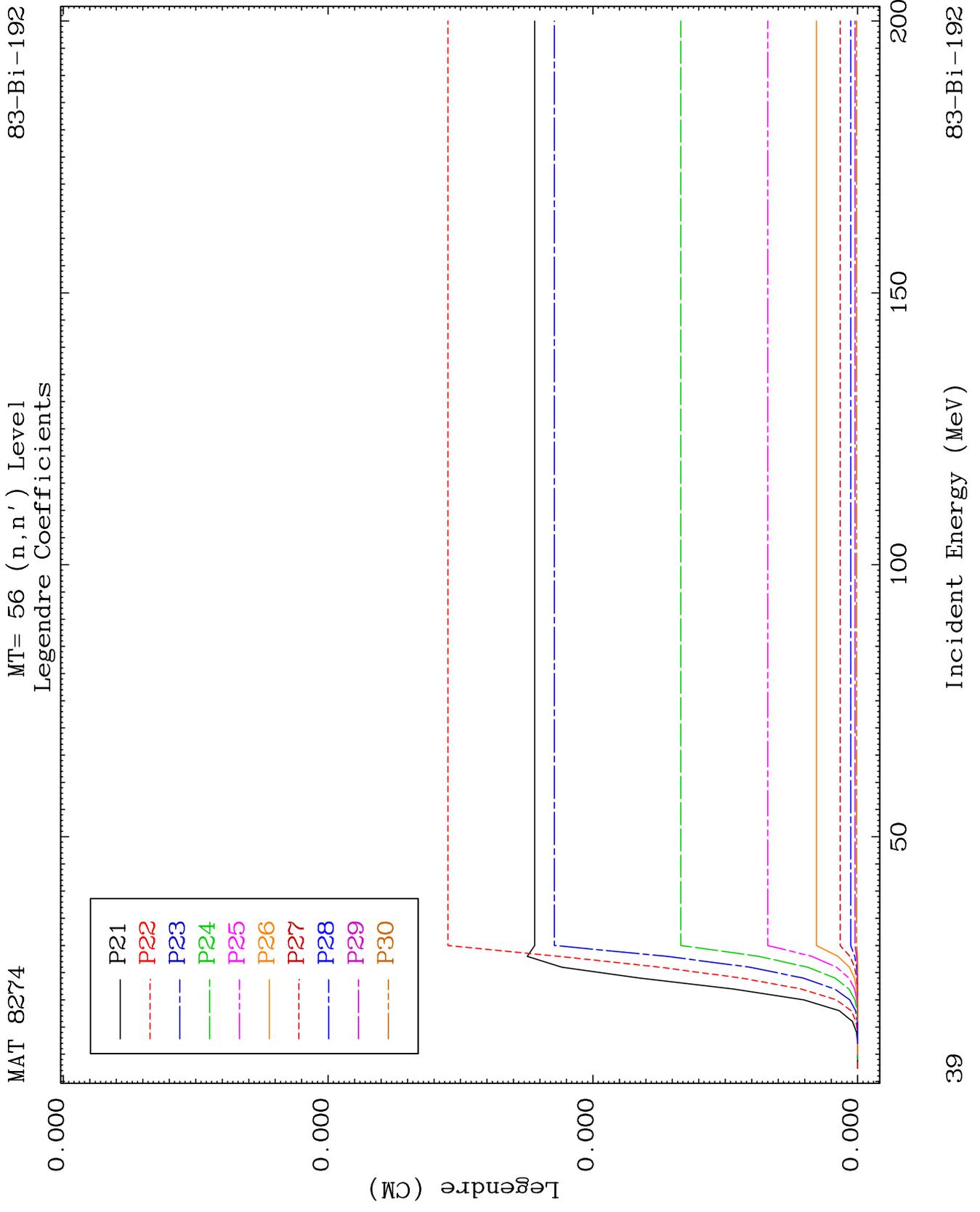
83-Bi-192



38

Incident Energy (MeV)

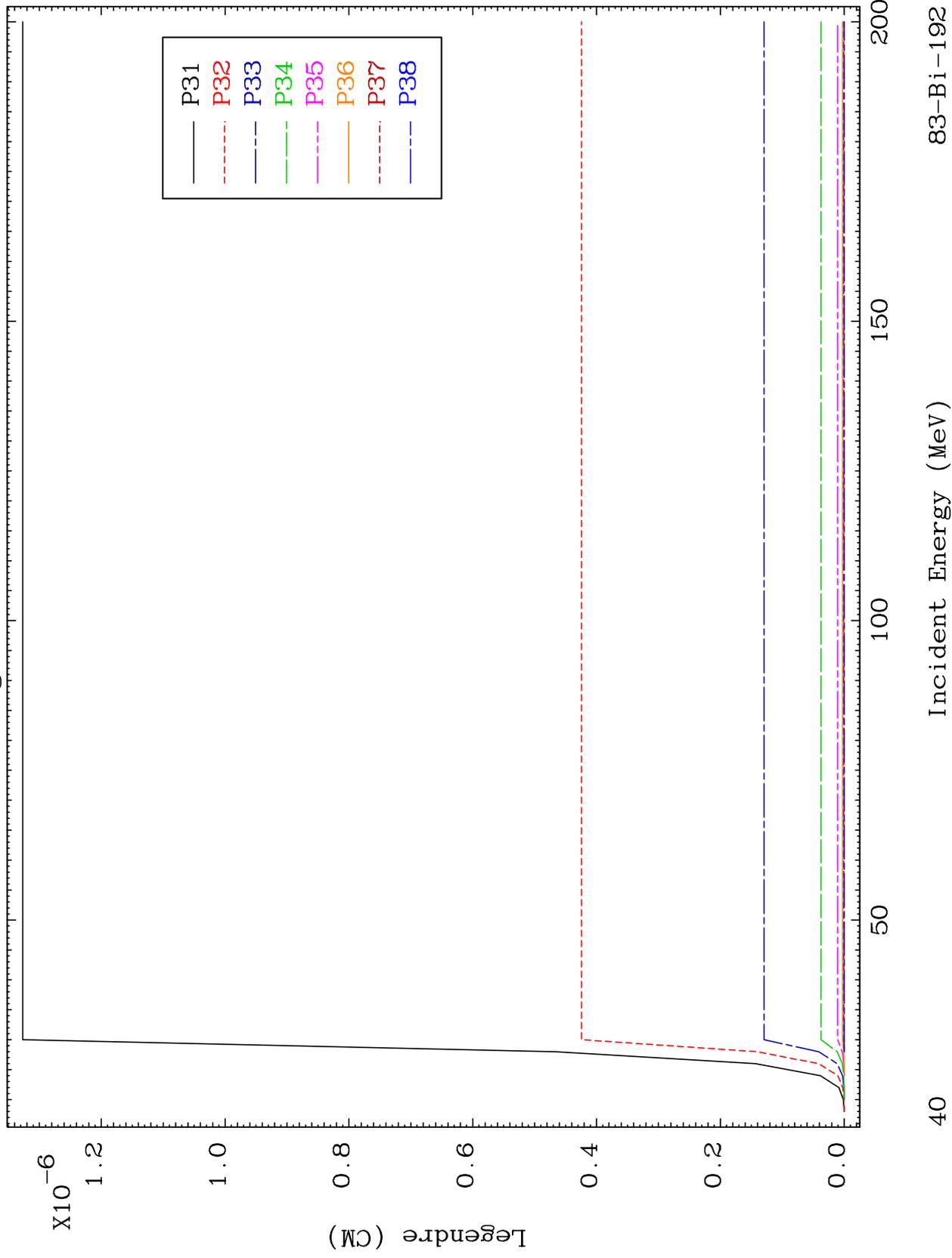
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MAT 8274

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

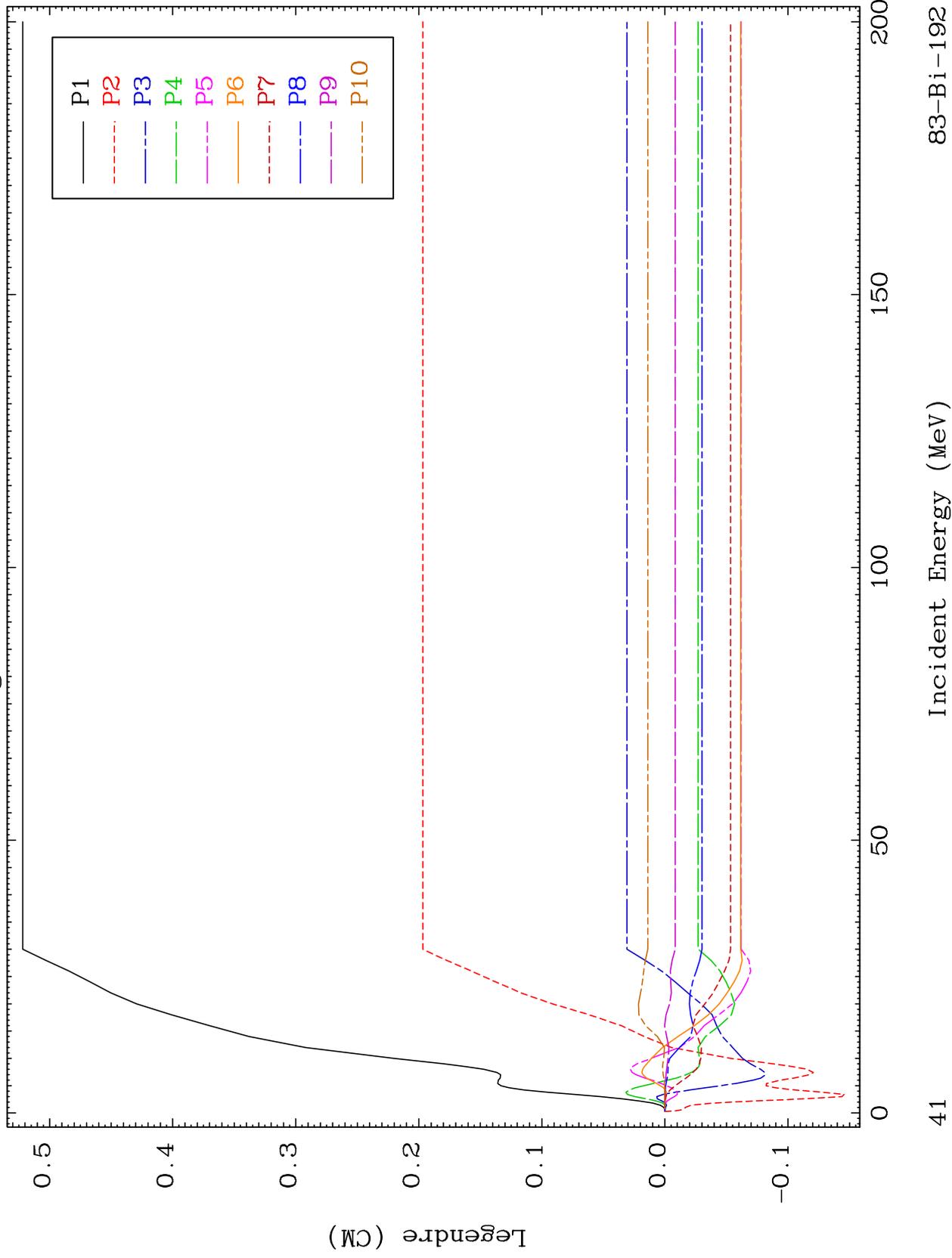
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MAT 8274

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

83-Bi-192



83-Bi-192

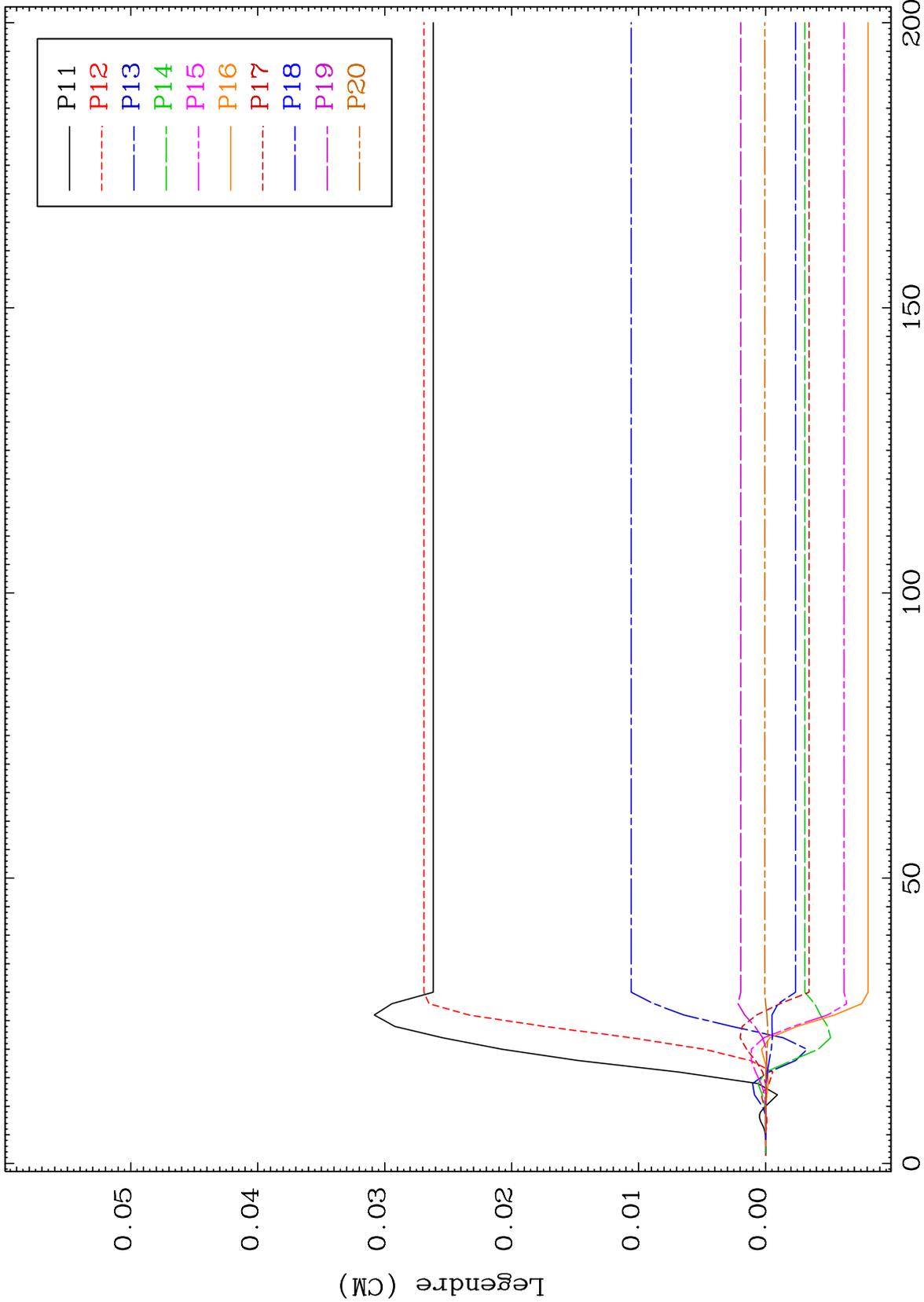
Incident Energy (MeV)

41

MAT 8274

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

83-Bi-192



42

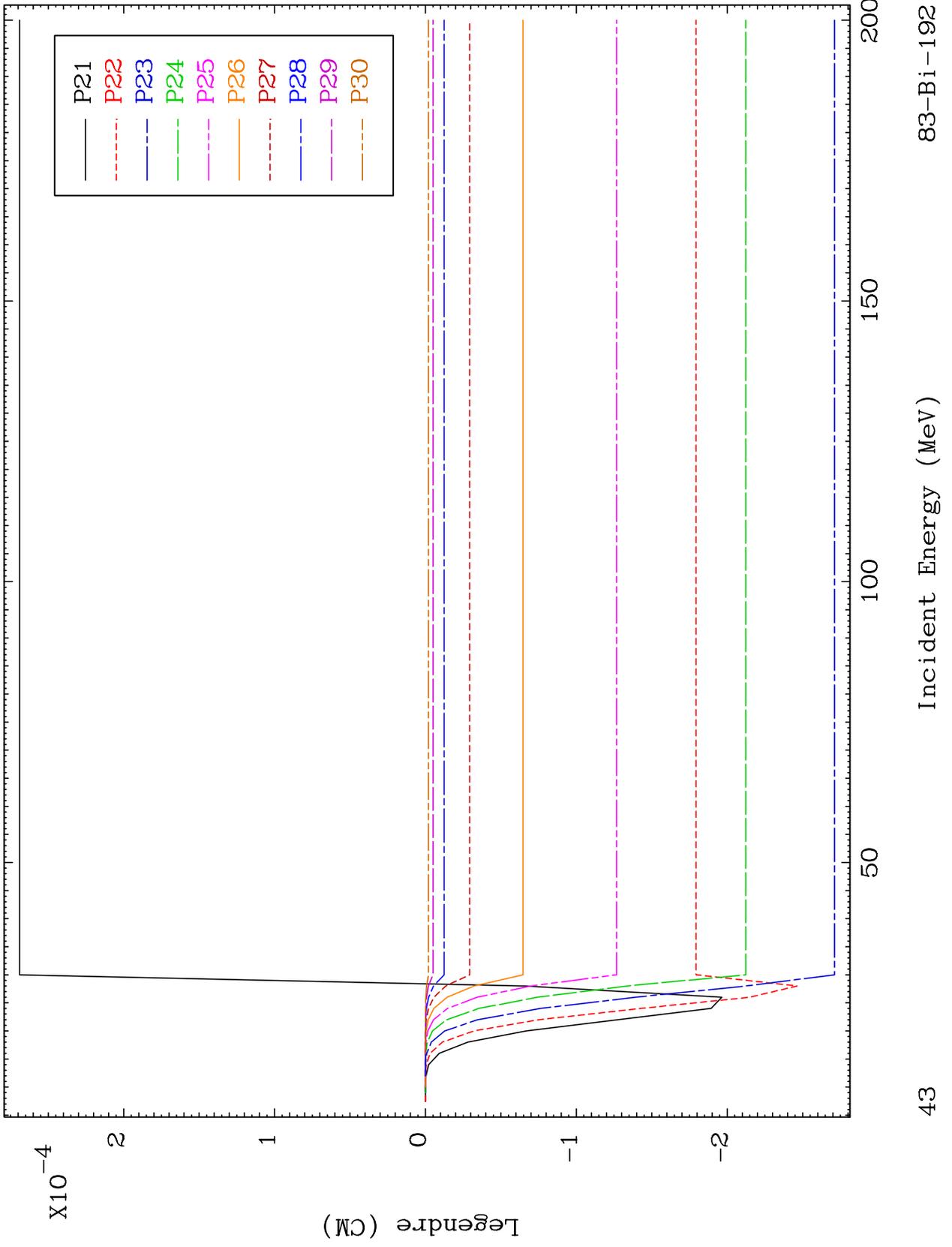
Incident Energy (MeV)

83-Bi-192

MAT 8274

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

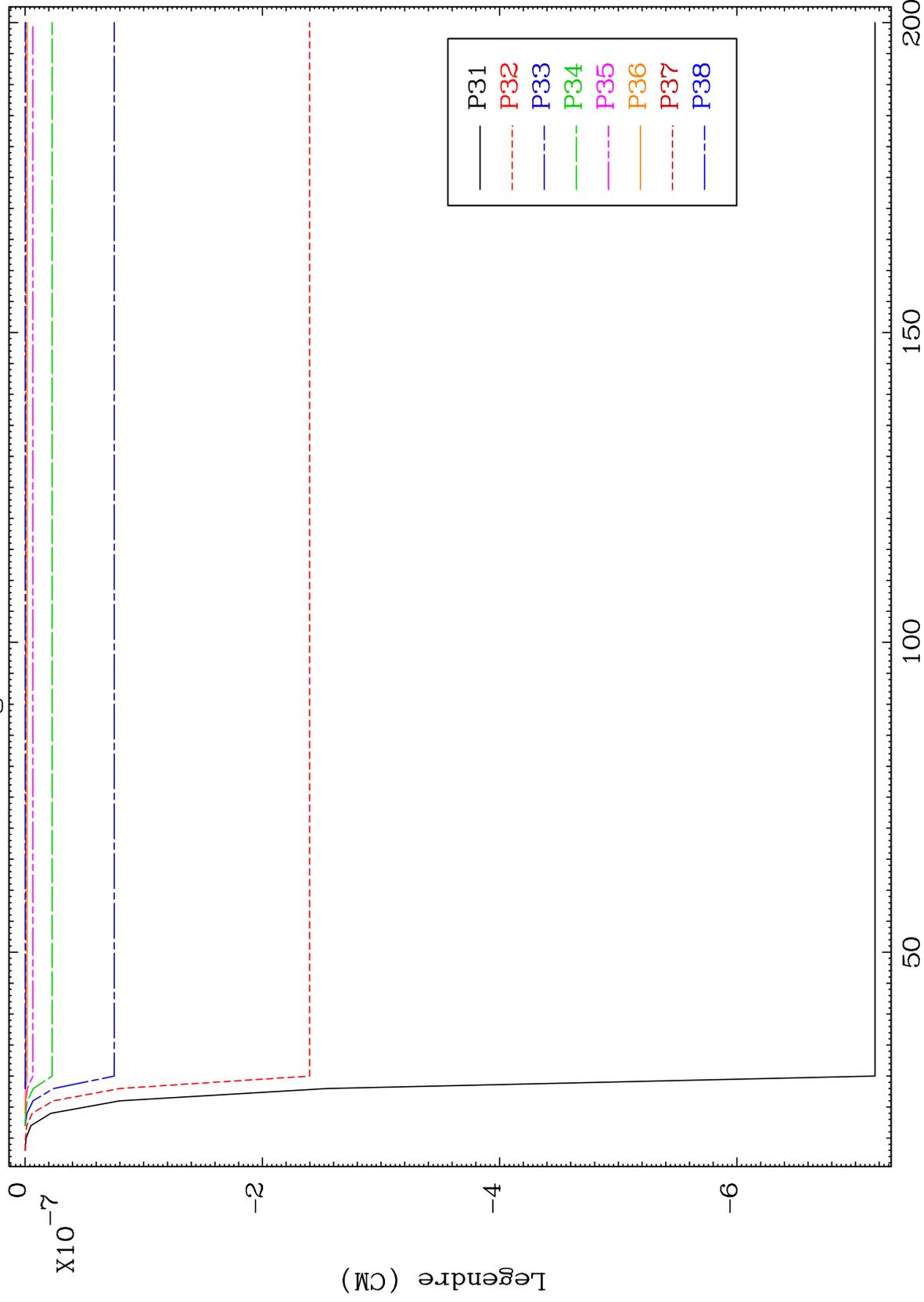
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MAT 8274

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

83-Bi-192



44

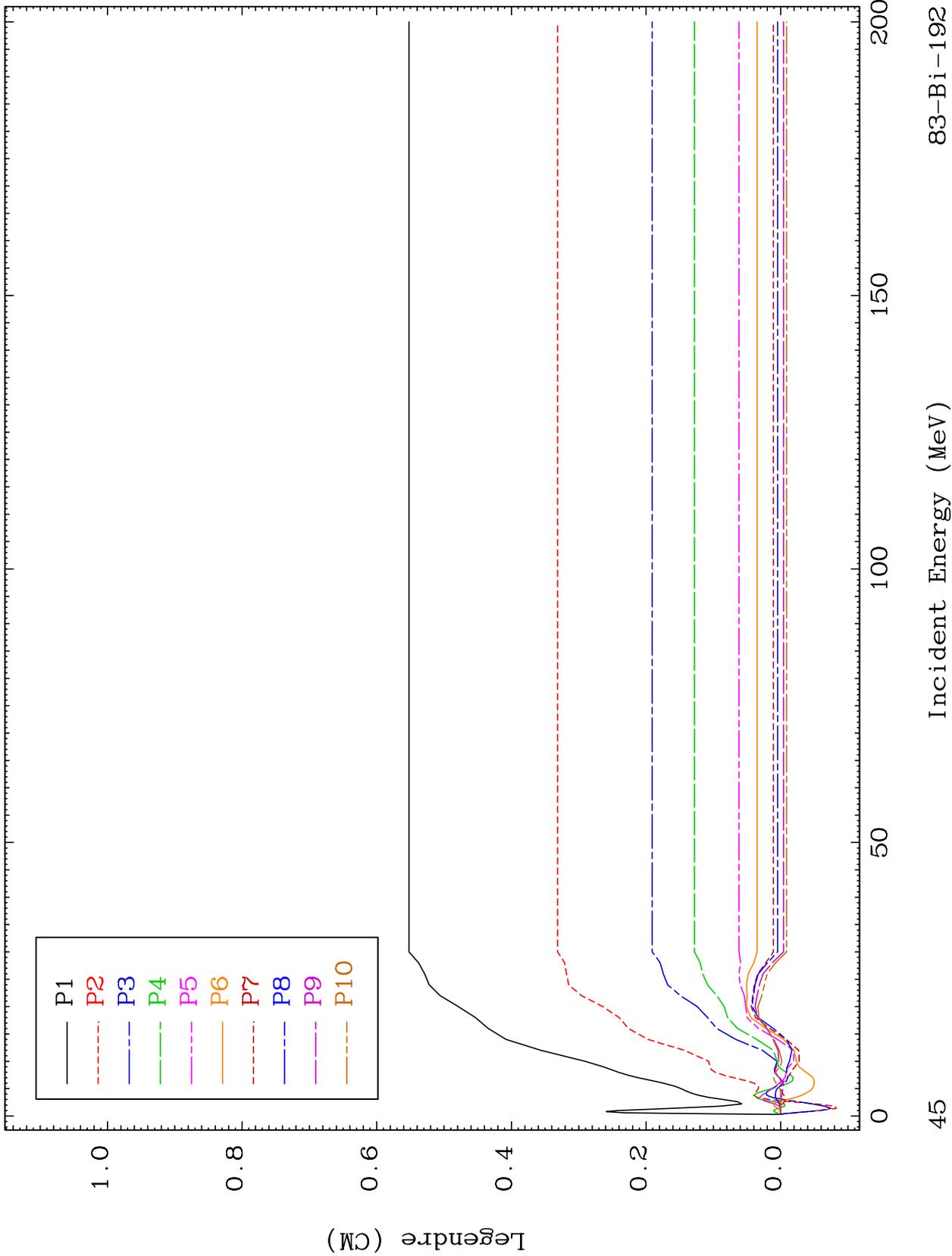
Incident Energy (MeV)

83-Bi-192

MAT 8274

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

83-Bi-192



83-Bi-192

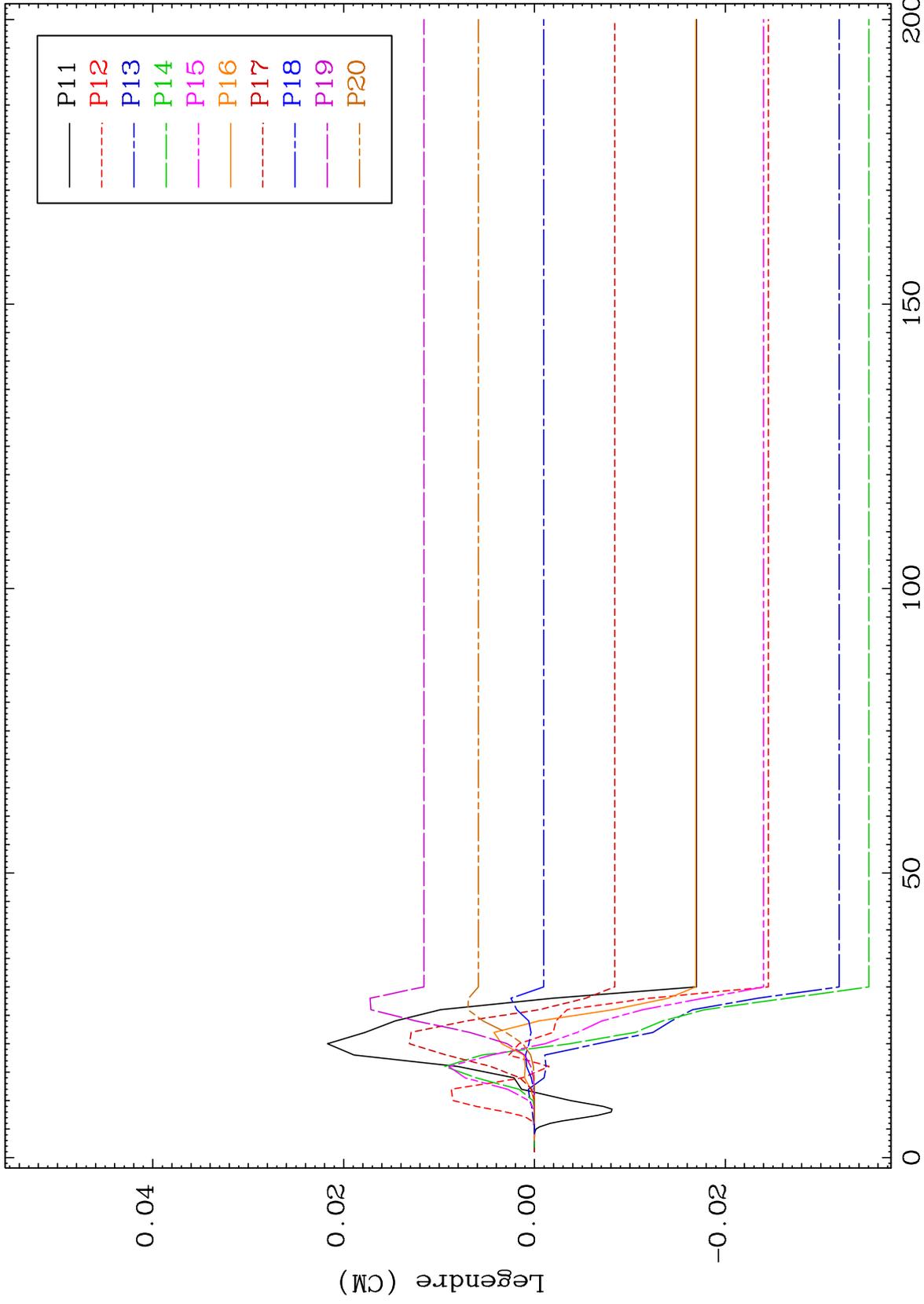
Incident Energy (MeV)

45

MAT 8274

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

83-Bi-192



46

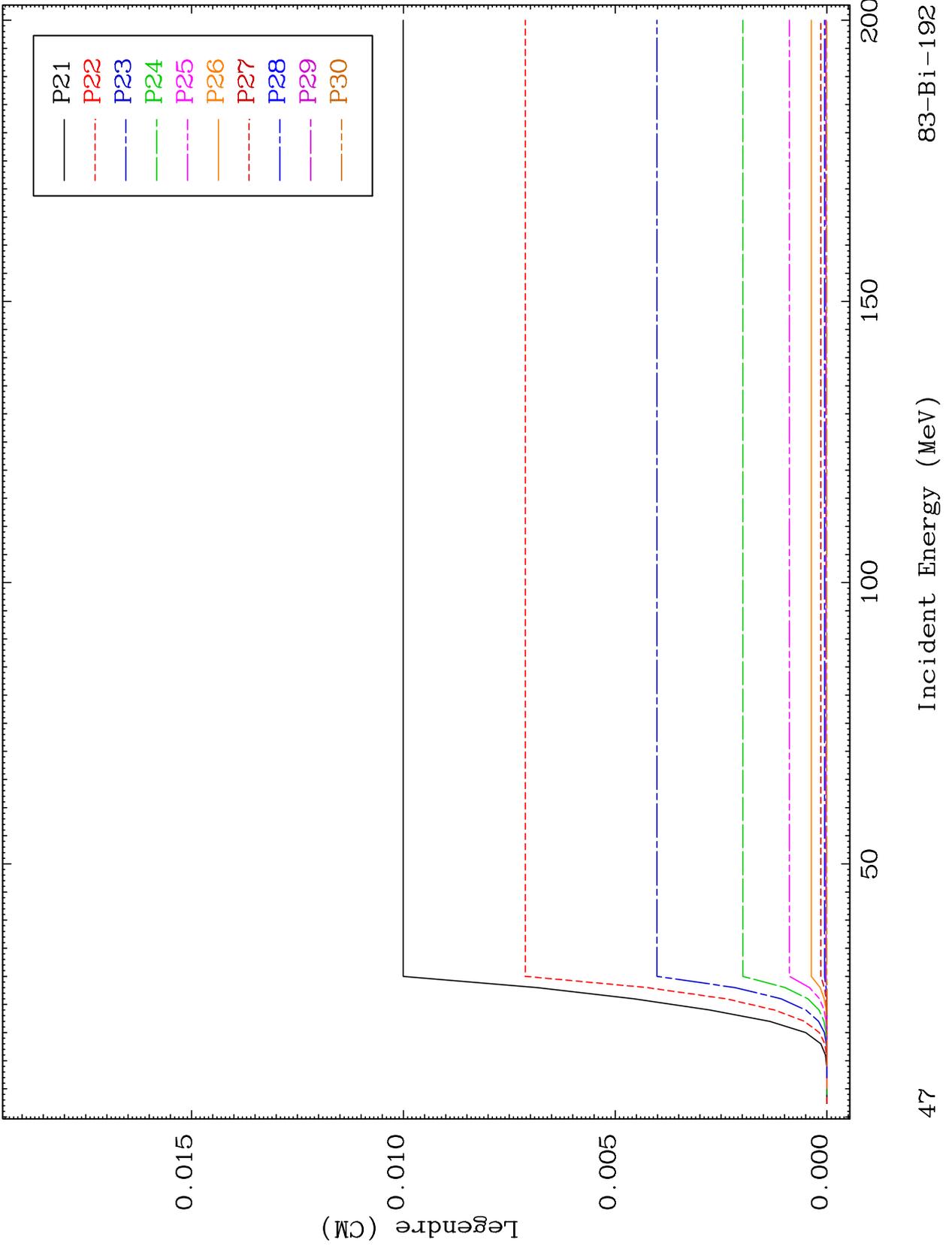
Incident Energy (MeV)

83-Bi-192

MAT 8274

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

83-Bi-192



47

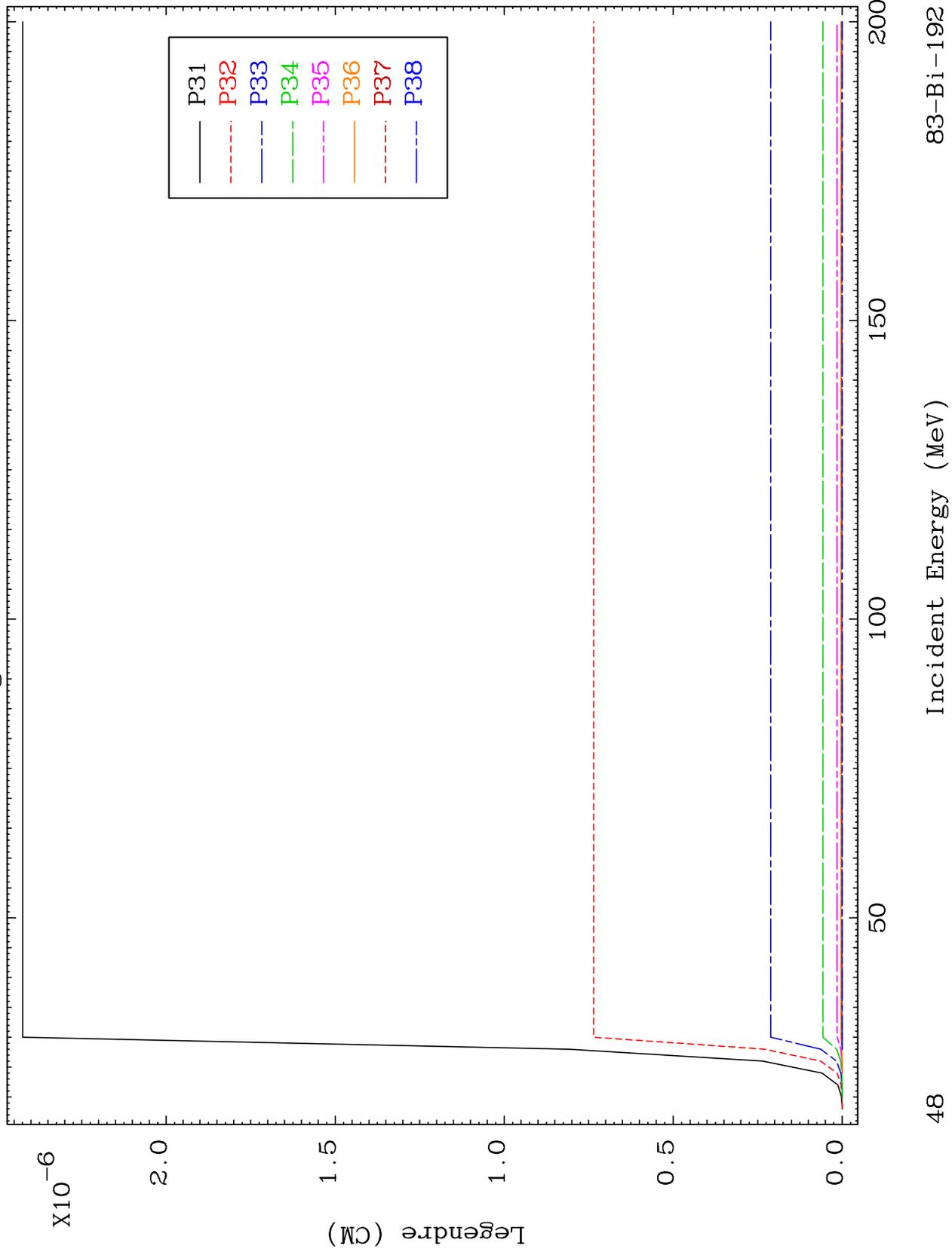
Incident Energy (MeV)

83-Bi-192

MAT 8274

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

83-Bi-192



48

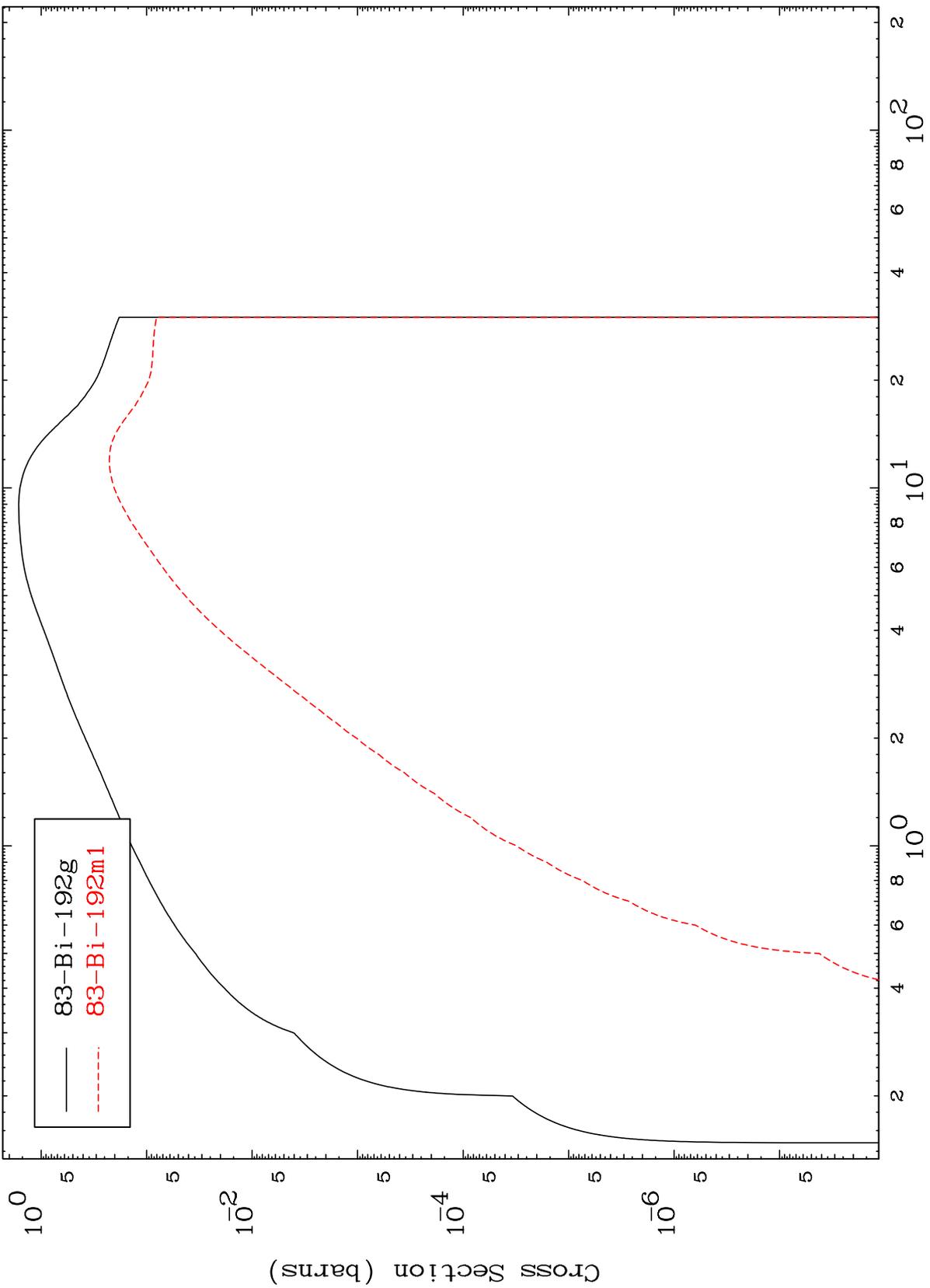
Incident Energy (MeV)

83-Bi-192

MAT 8274

83-Bi-192

Inelastic
Radionuclide Production Cross Section

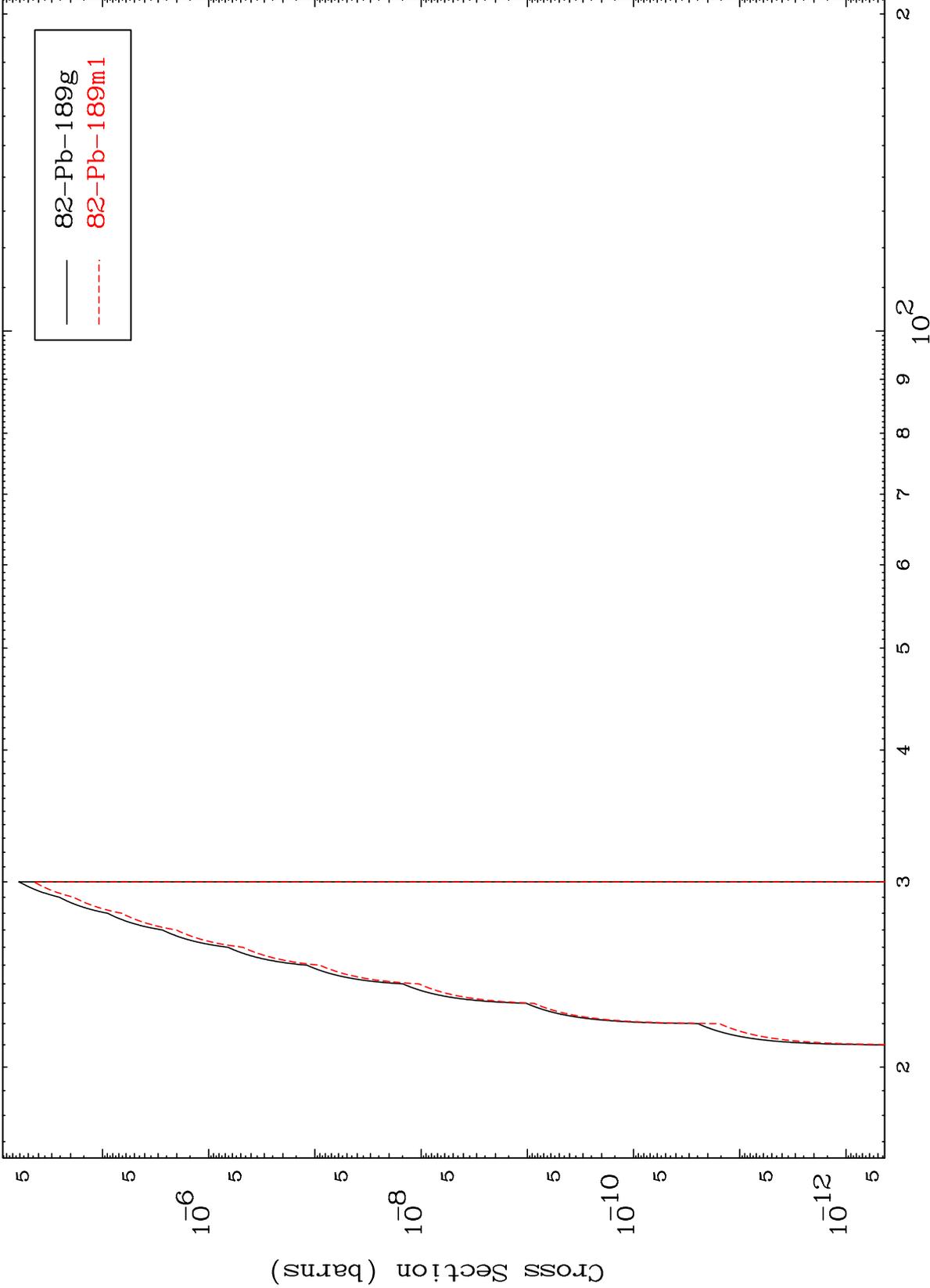


MAT 8274

(n,2n) d

83-Bi-192

Radionuclide Production Cross Section



50

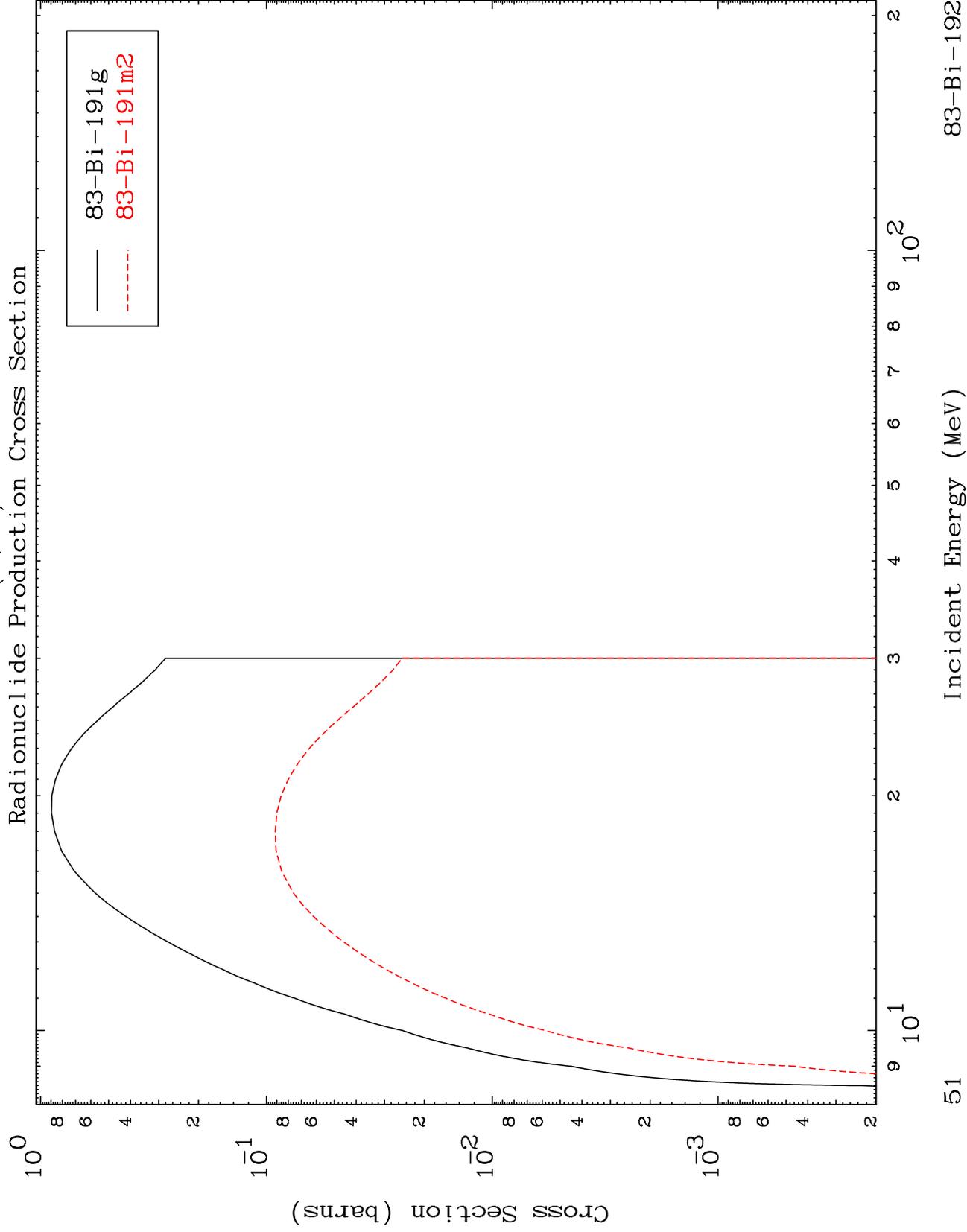
Incident Energy (MeV)

83-Bi-192

MAT 8274

(n,2n)

83-Bi-192



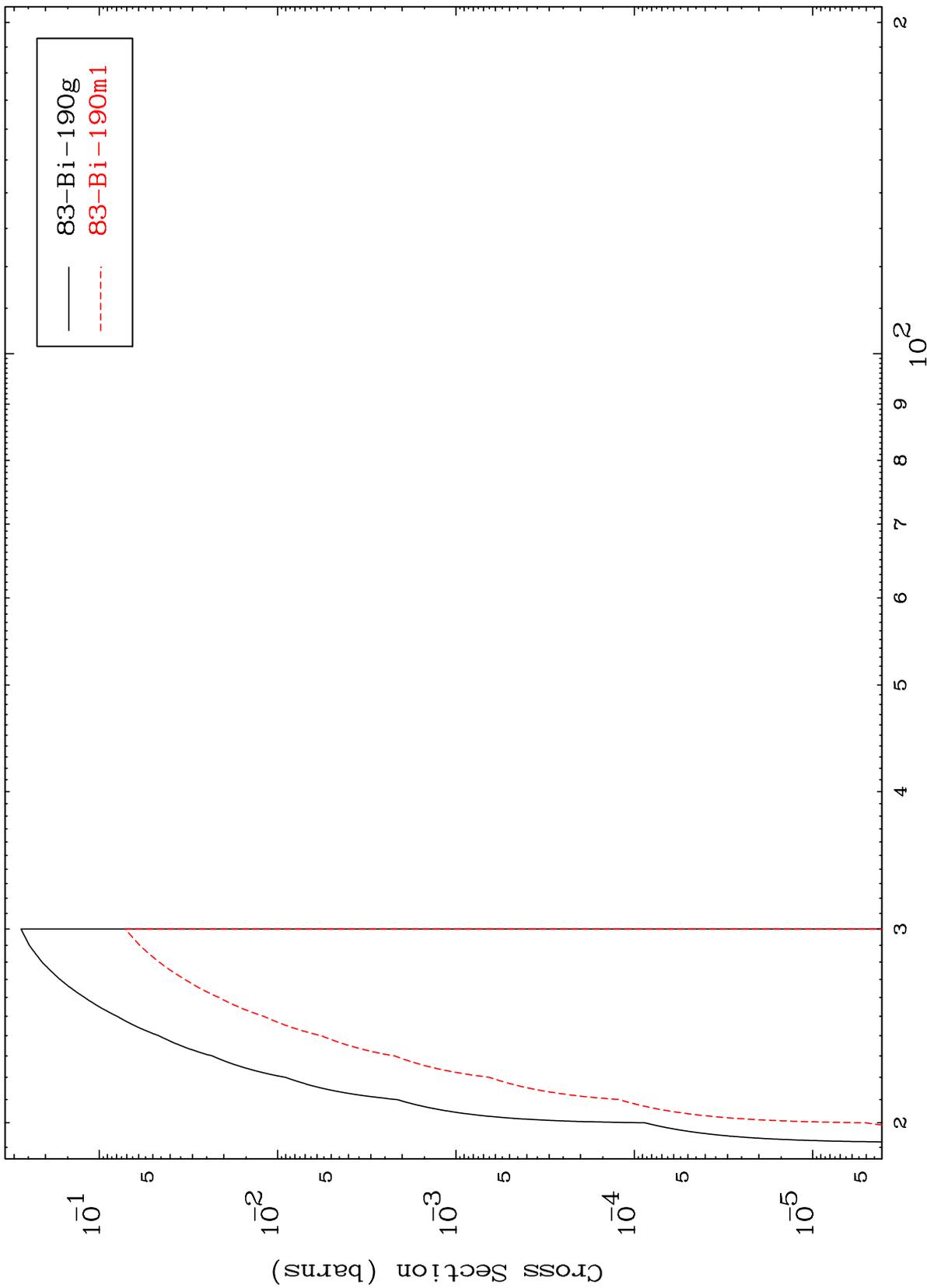
51

83-Bi-192

MAT 8274

83-Bi-192

(n,3n)
Radionuclide Production Cross Section



83-Bi-192

Incident Energy (MeV)

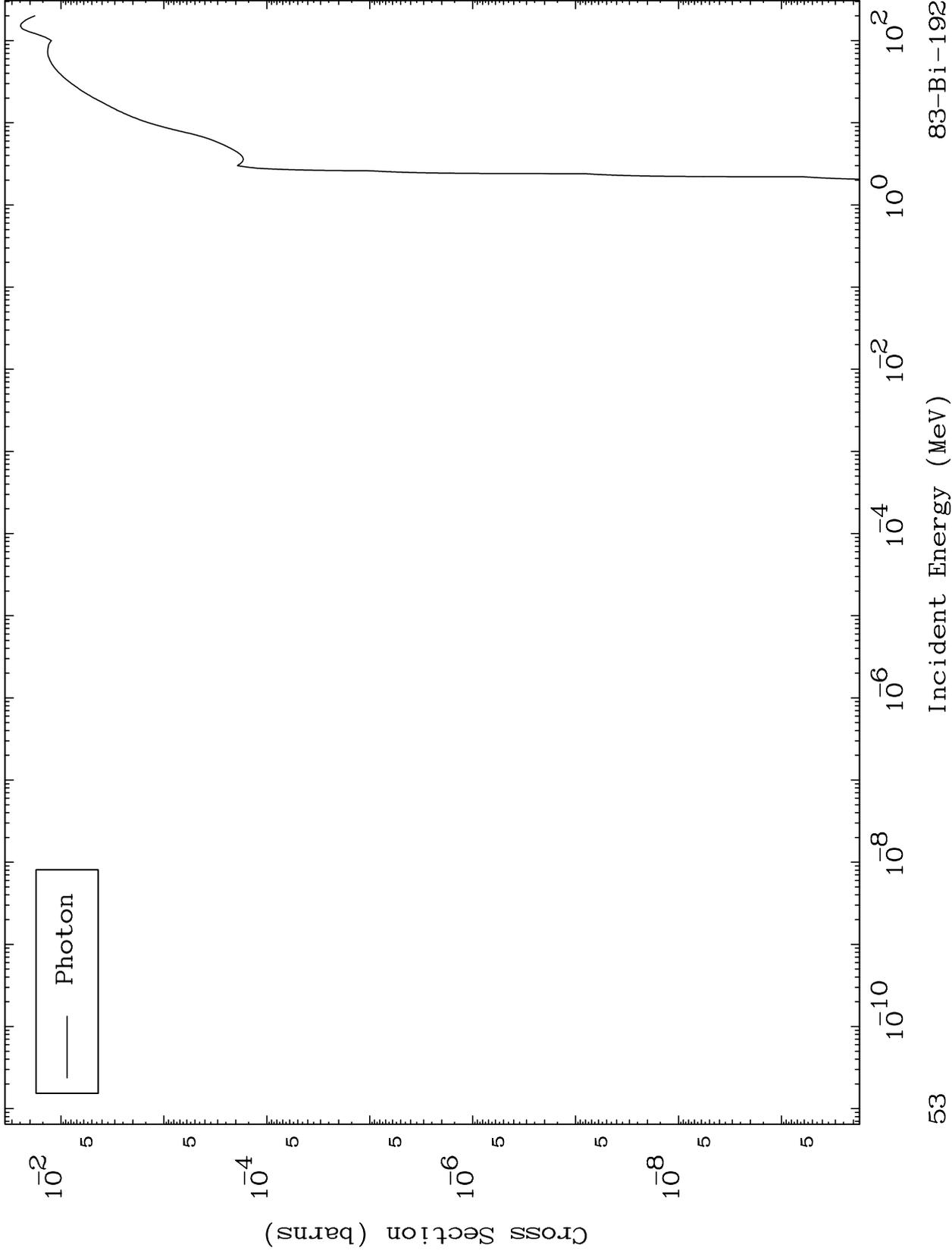
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MAT 8274

Fission

83-Bi-192

Radionuclide Production Cross Section



53

Incident Energy (MeV)

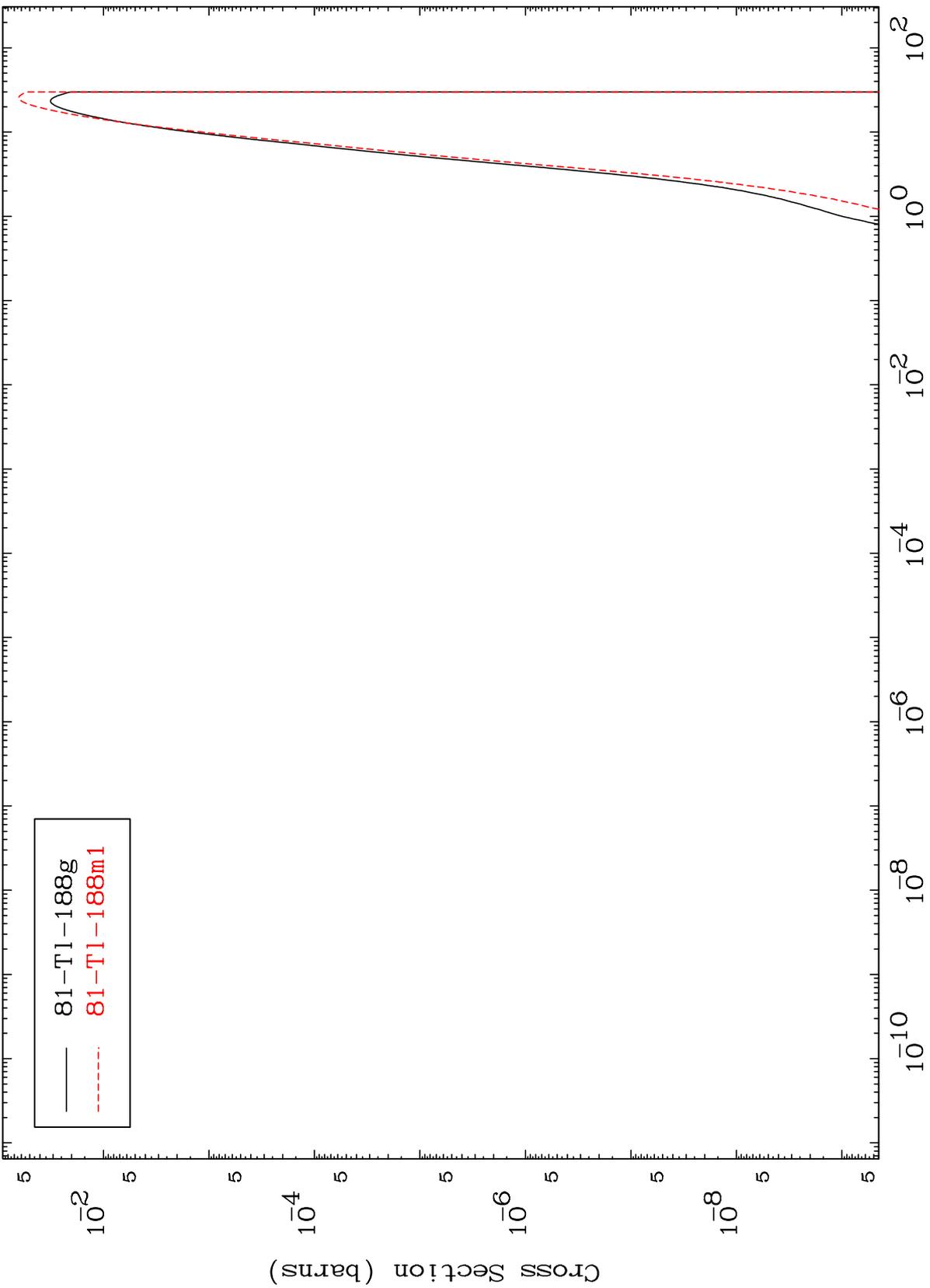
83-Bi-192

MAT 8274

$(n, n') \alpha$

83-Bi-192

Radionuclide Production Cross Section

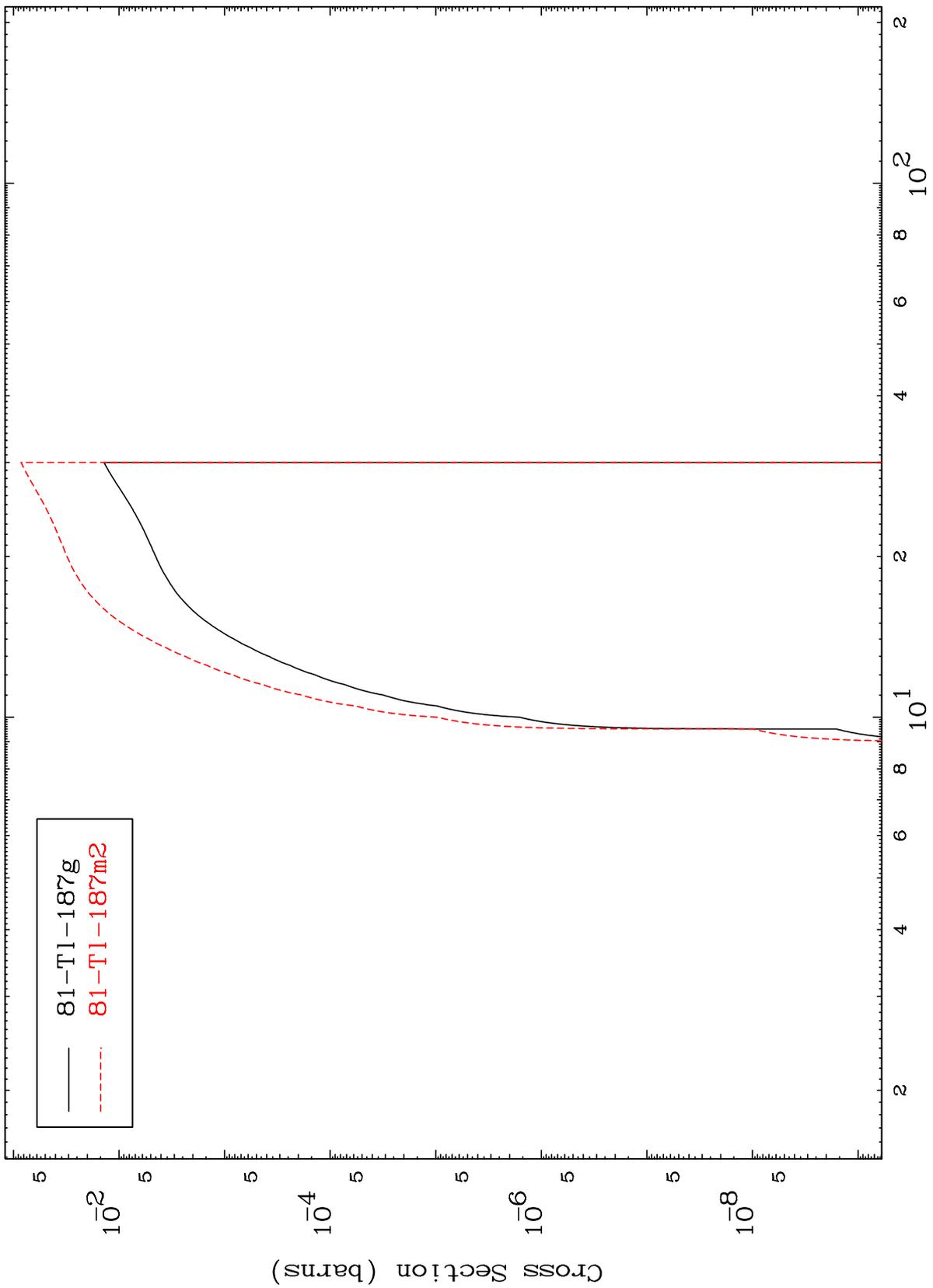


MAT 8274

$(n,2n) \alpha$

83-Bi-192

Radionuclide Production Cross Section



55

Incident Energy (MeV)

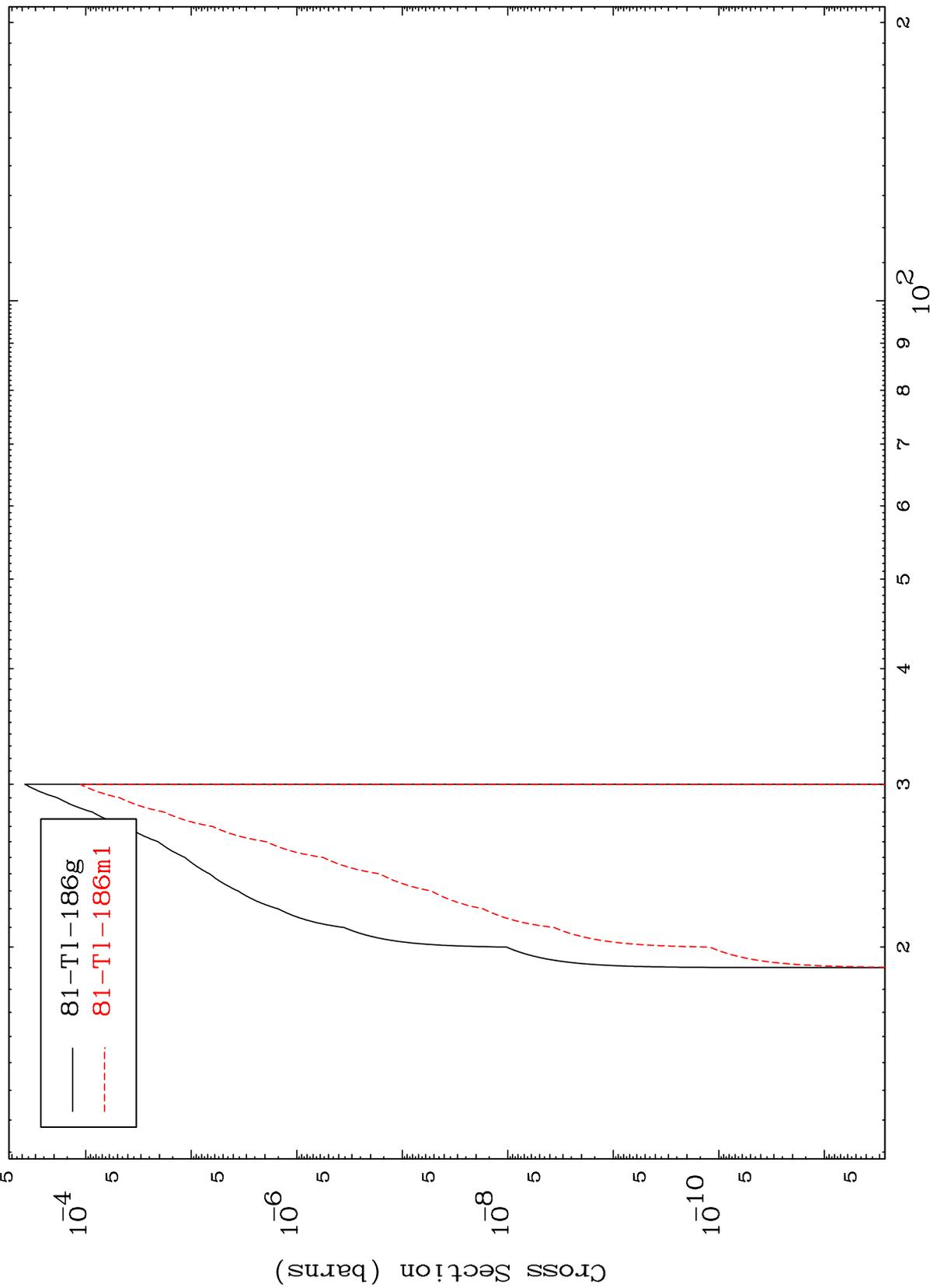
83-Bi-192

MAT 8274

(n,3n) α

83-Bi-192

Radionuclide Production Cross Section

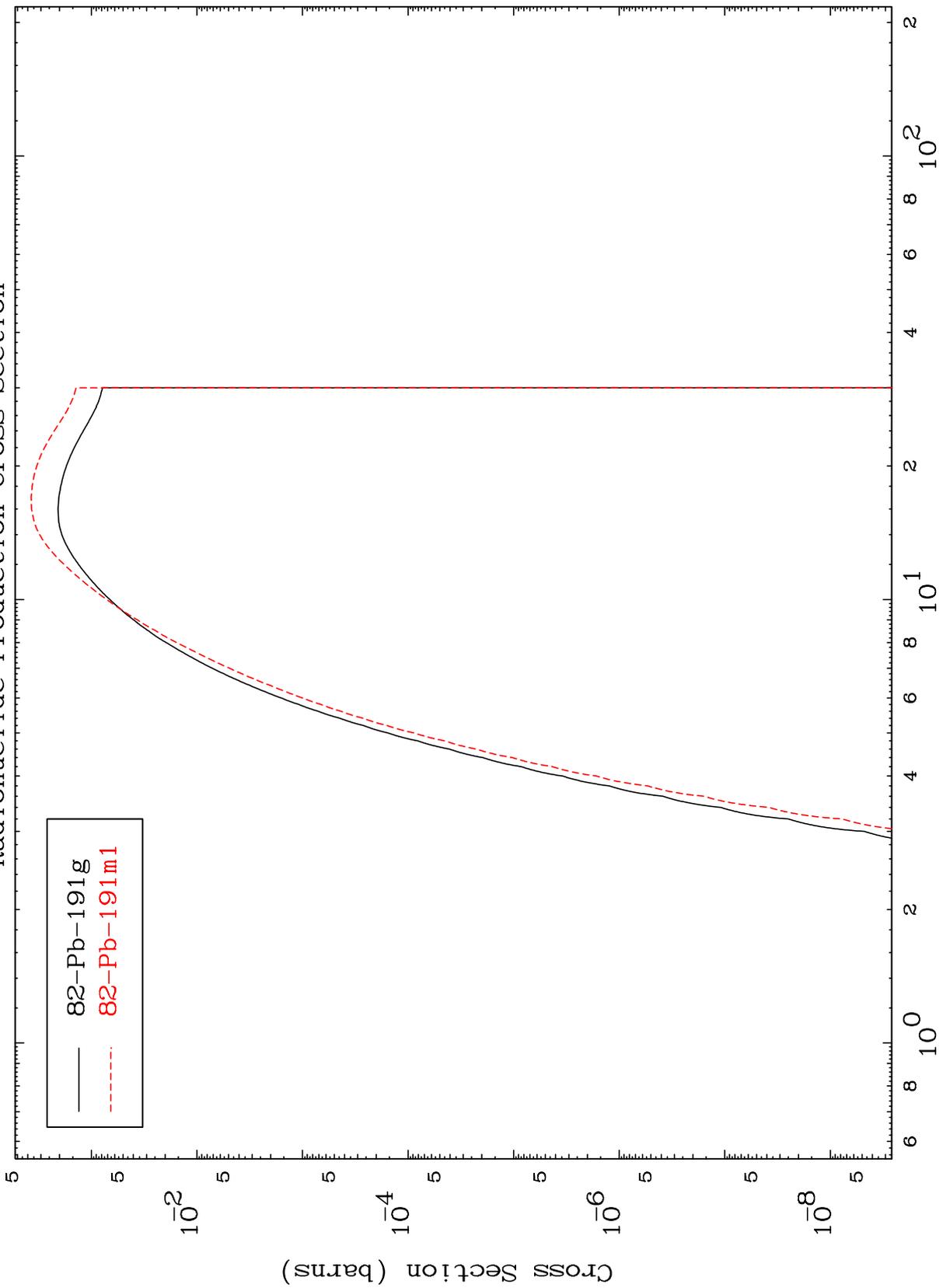


MAT 8274

(n,n') p

83-Bi-192

Radionuclide Production Cross Section



57

Incident Energy (MeV)

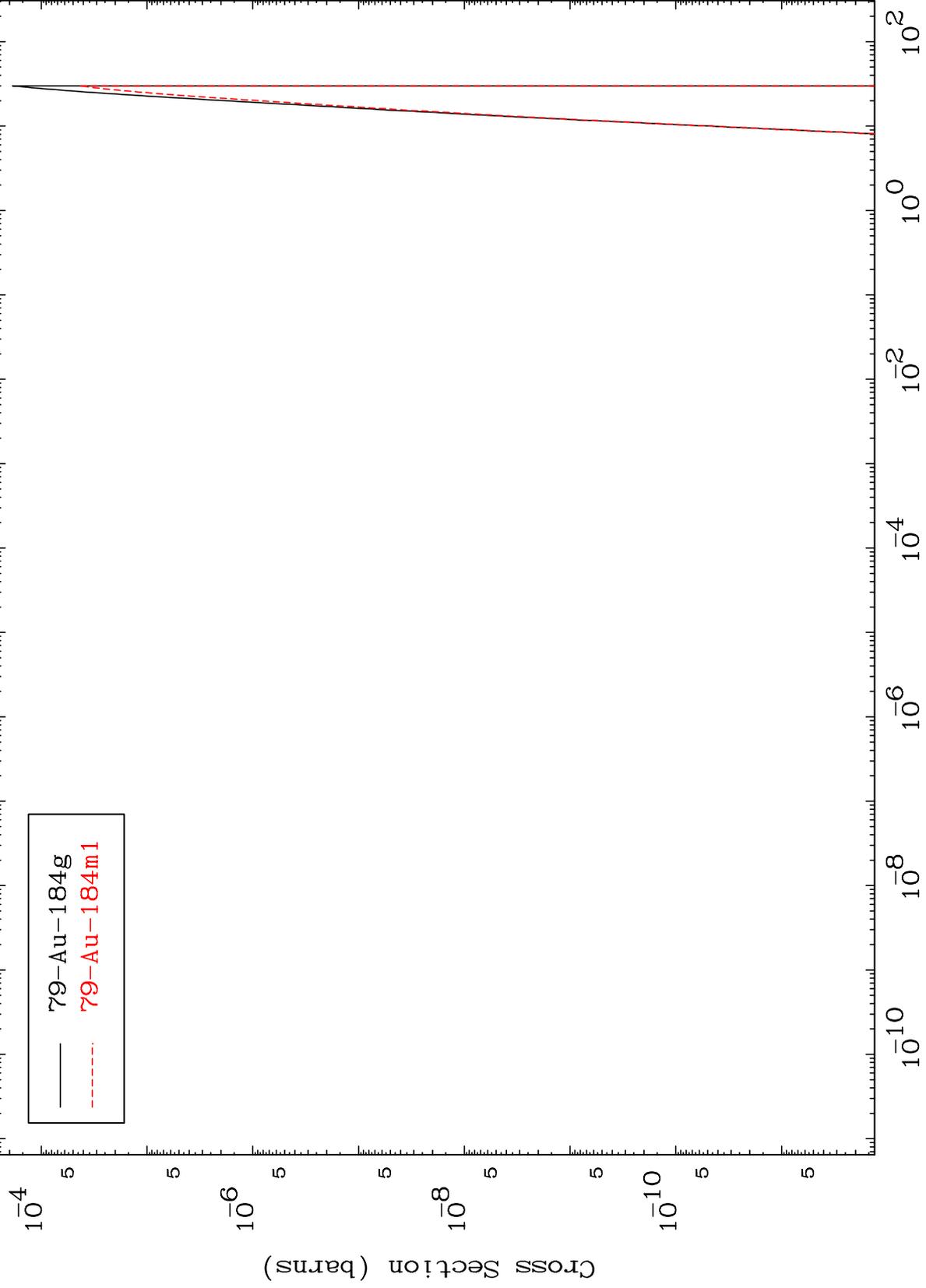
83-Bi-192

MAT 8274

(n,n') 2 α

83-Bi-192

Radionuclide Production Cross Section



58

Incident Energy (MeV)

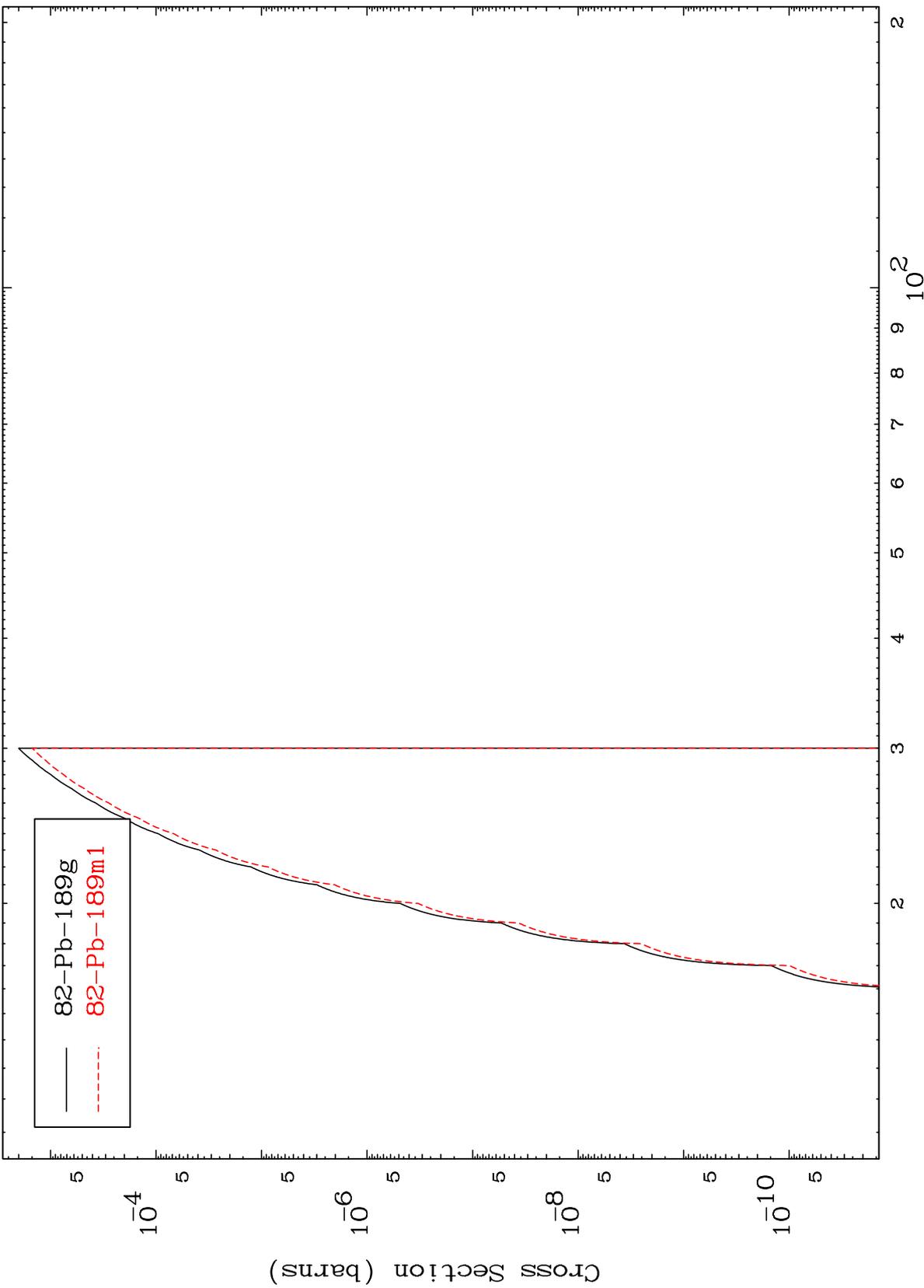
83-Bi-192

MAT 8274

(n,n') t

83-Bi-192

Radionuclide Production Cross Section

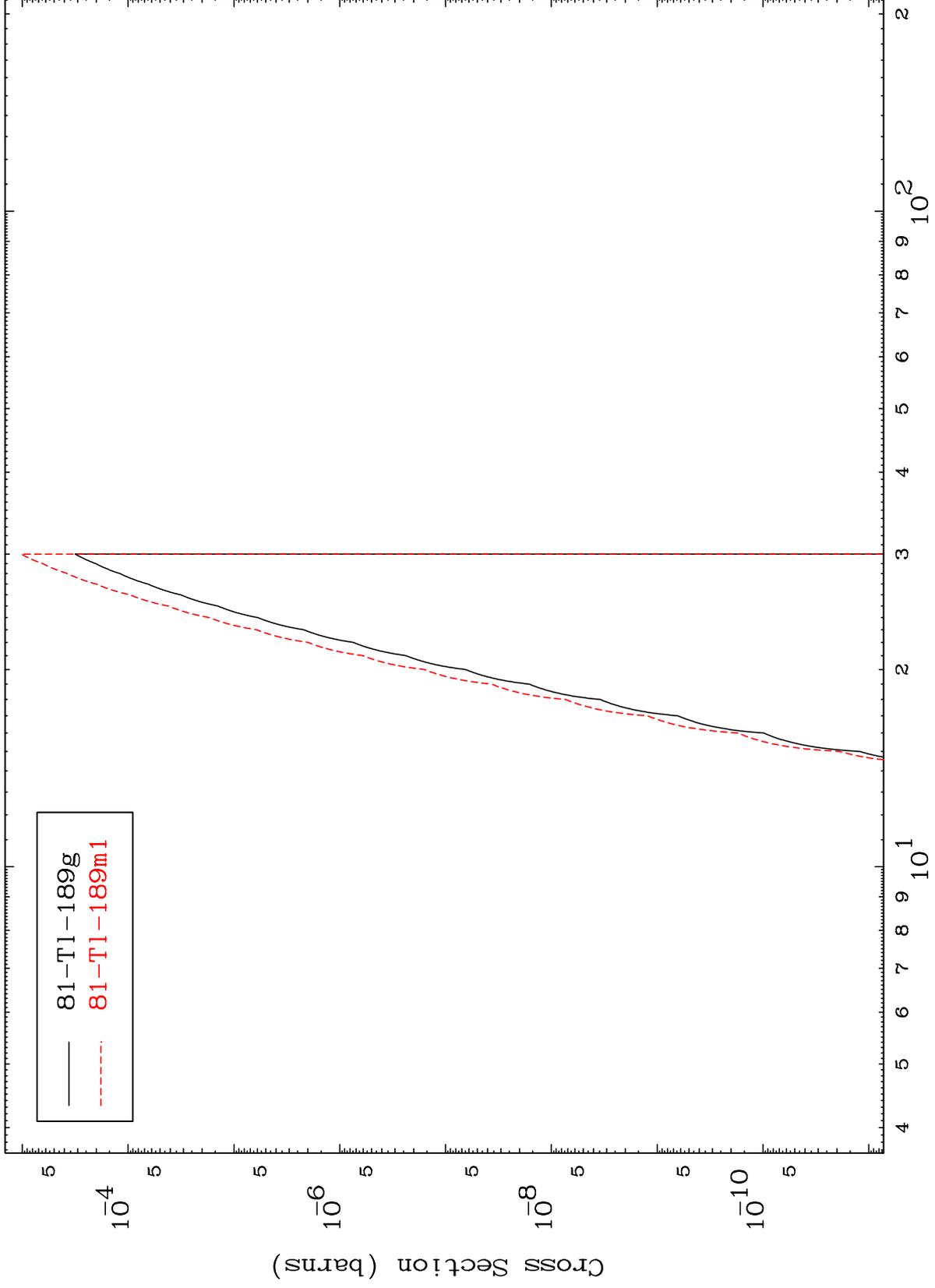


MAT 8274

(n,n') He-3

83-Bi-192

Radionuclide Production Cross Section



60

Incident Energy (MeV)

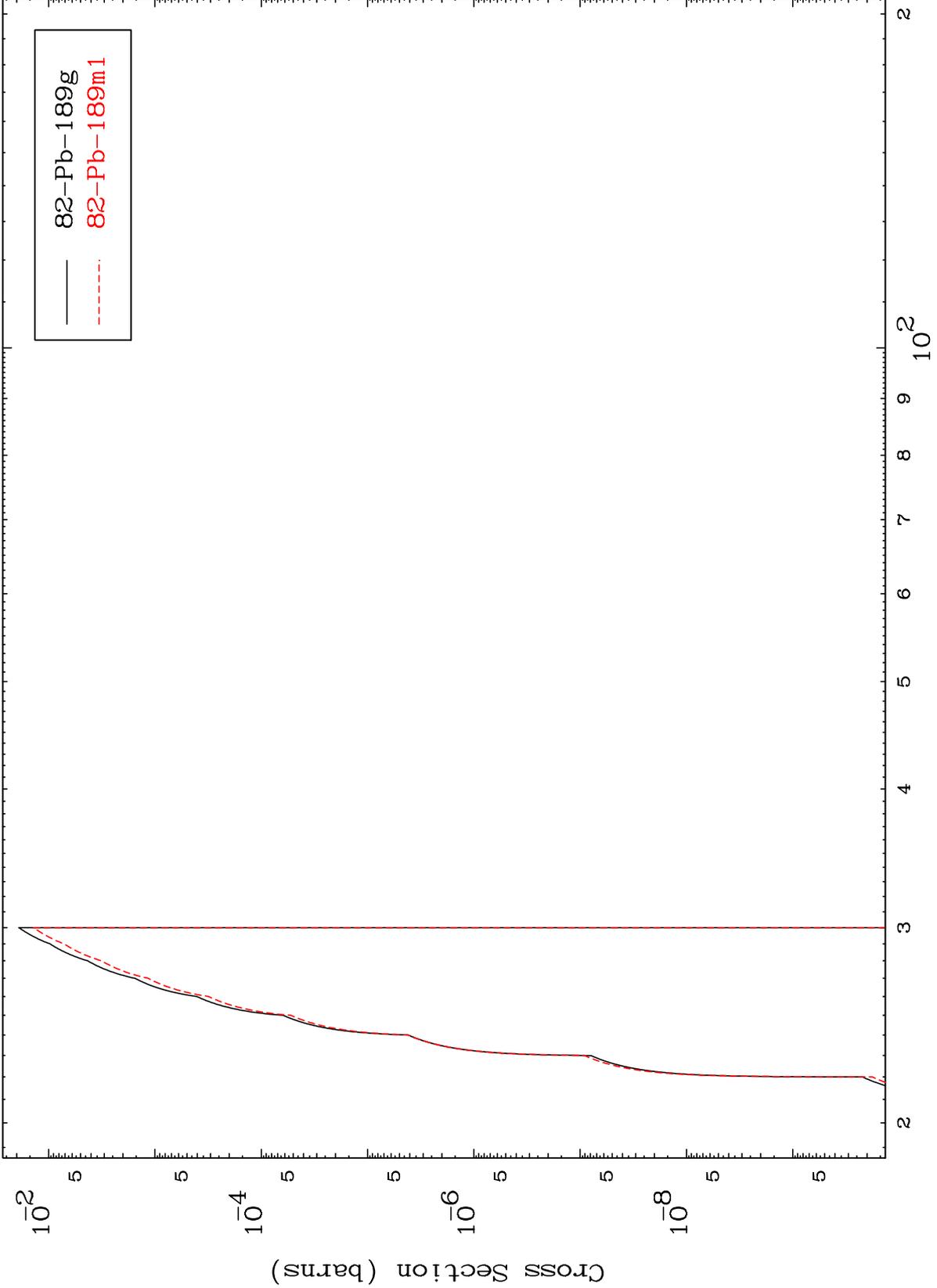
83-Bi-192

MAT 8274

(n,3n) p

83-Bi-192

Radionuclide Production Cross Section



61

Incident Energy (MeV)

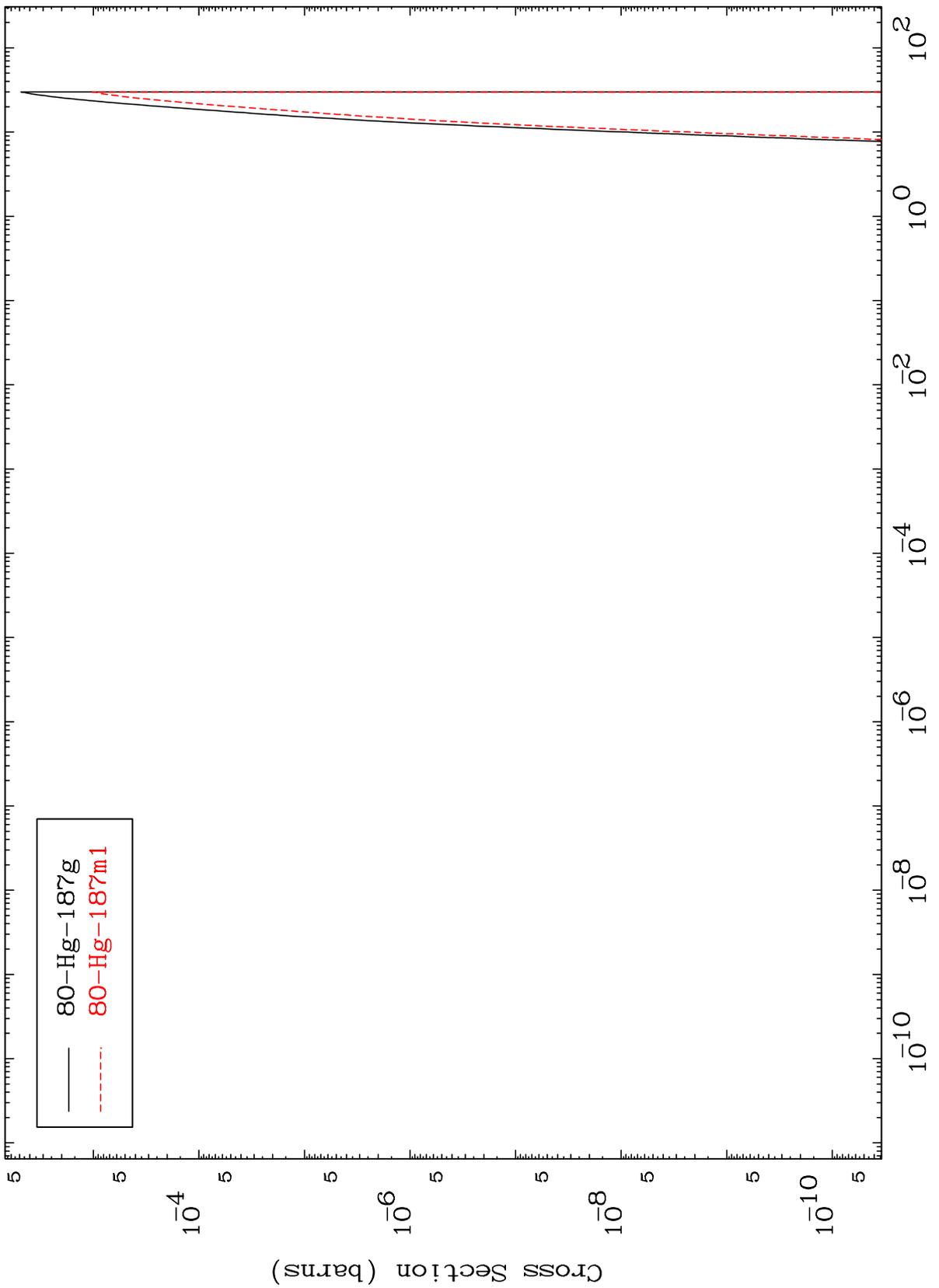
83-Bi-192

MAT 8274

(n,n') p α

83-Bi-192

Radionuclide Production Cross Section



80-Hg-187g
80-Hg-187m1

62

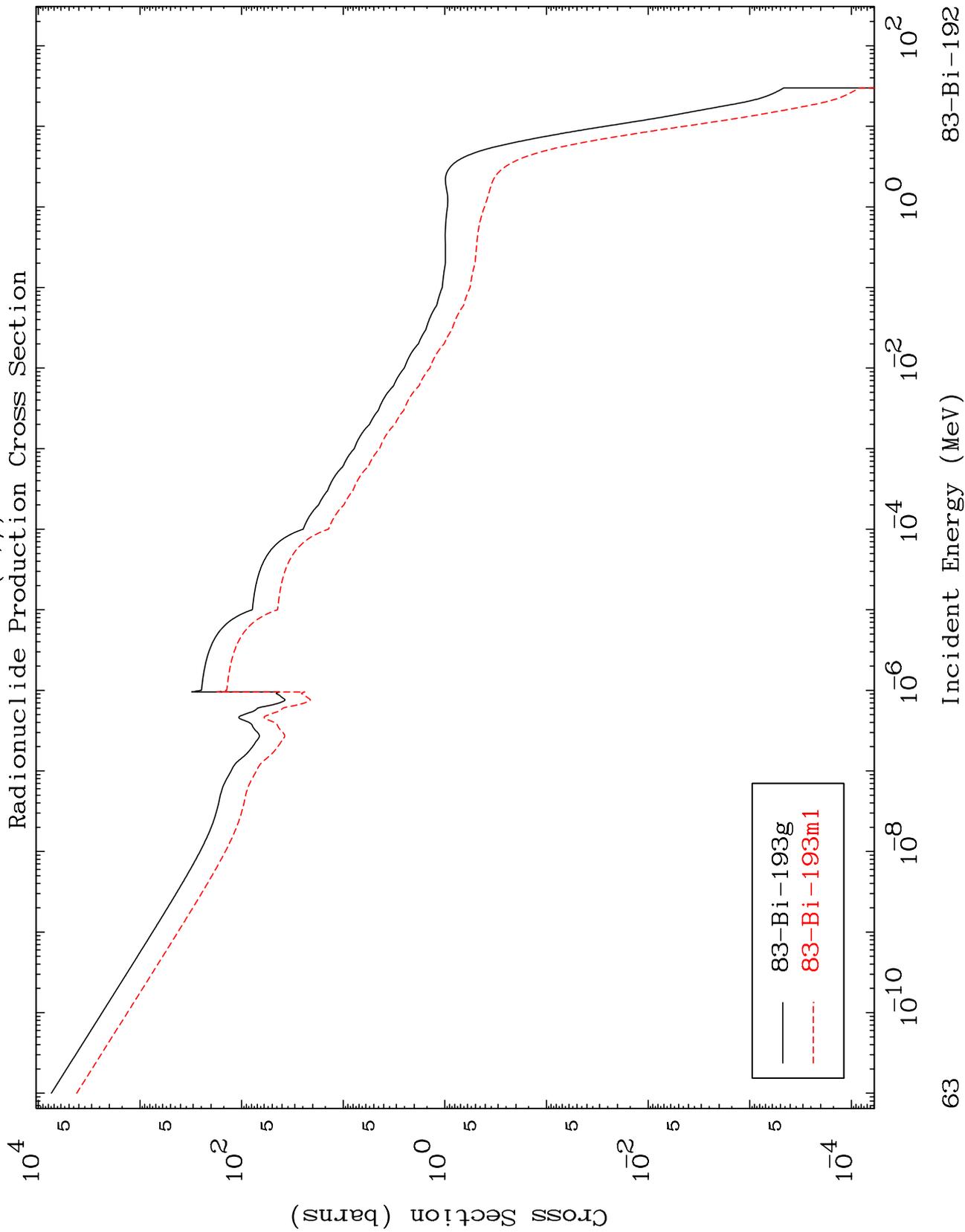
Incident Energy (MeV)

83-Bi-192

MAT 8274

83-Bi-192

Radionuclide Production Cross Section
(n, γ)

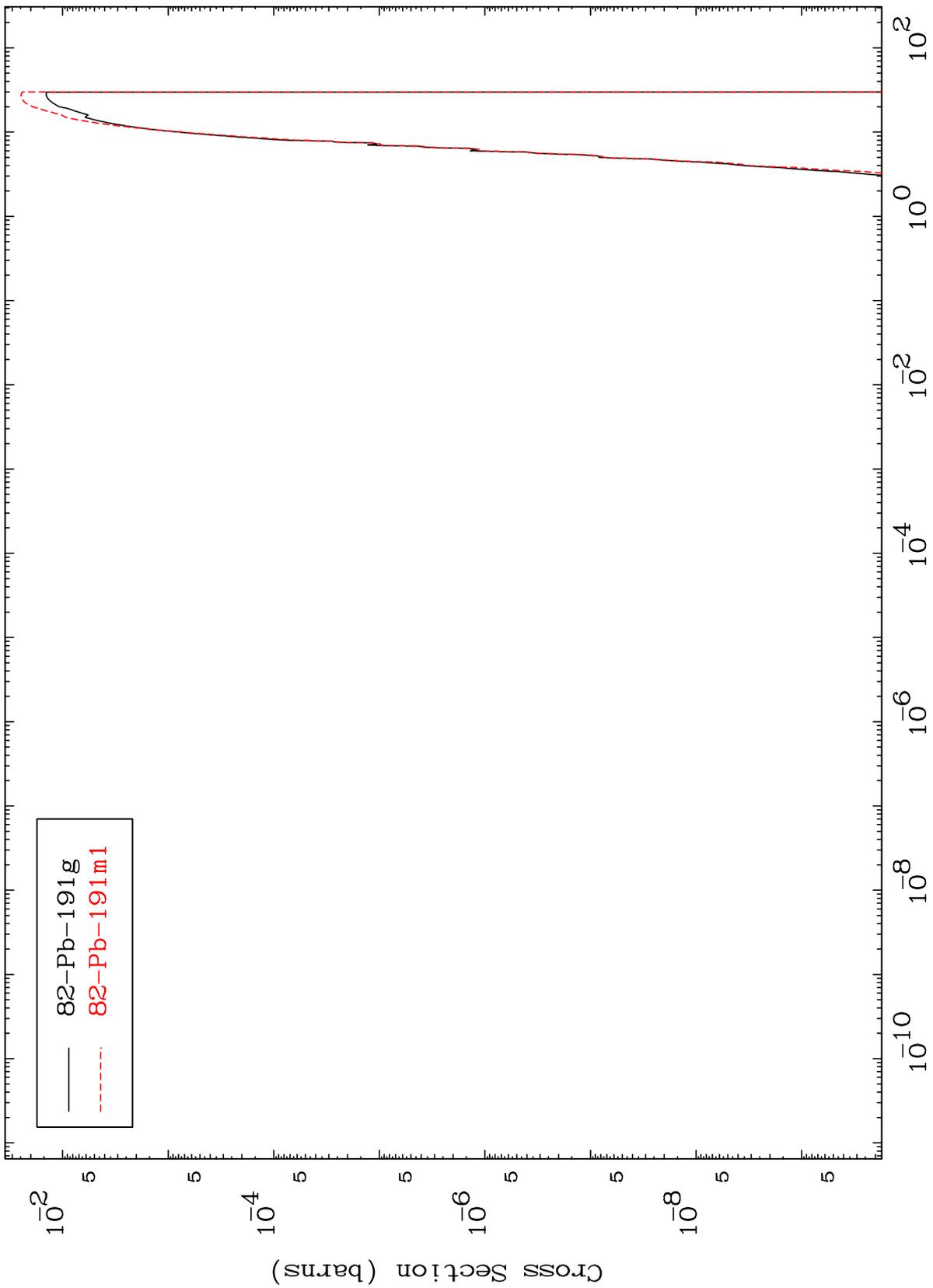


MAT 8274

(n,d)

83-Bi-192

Radionuclide Production Cross Section



64

Incident Energy (MeV)

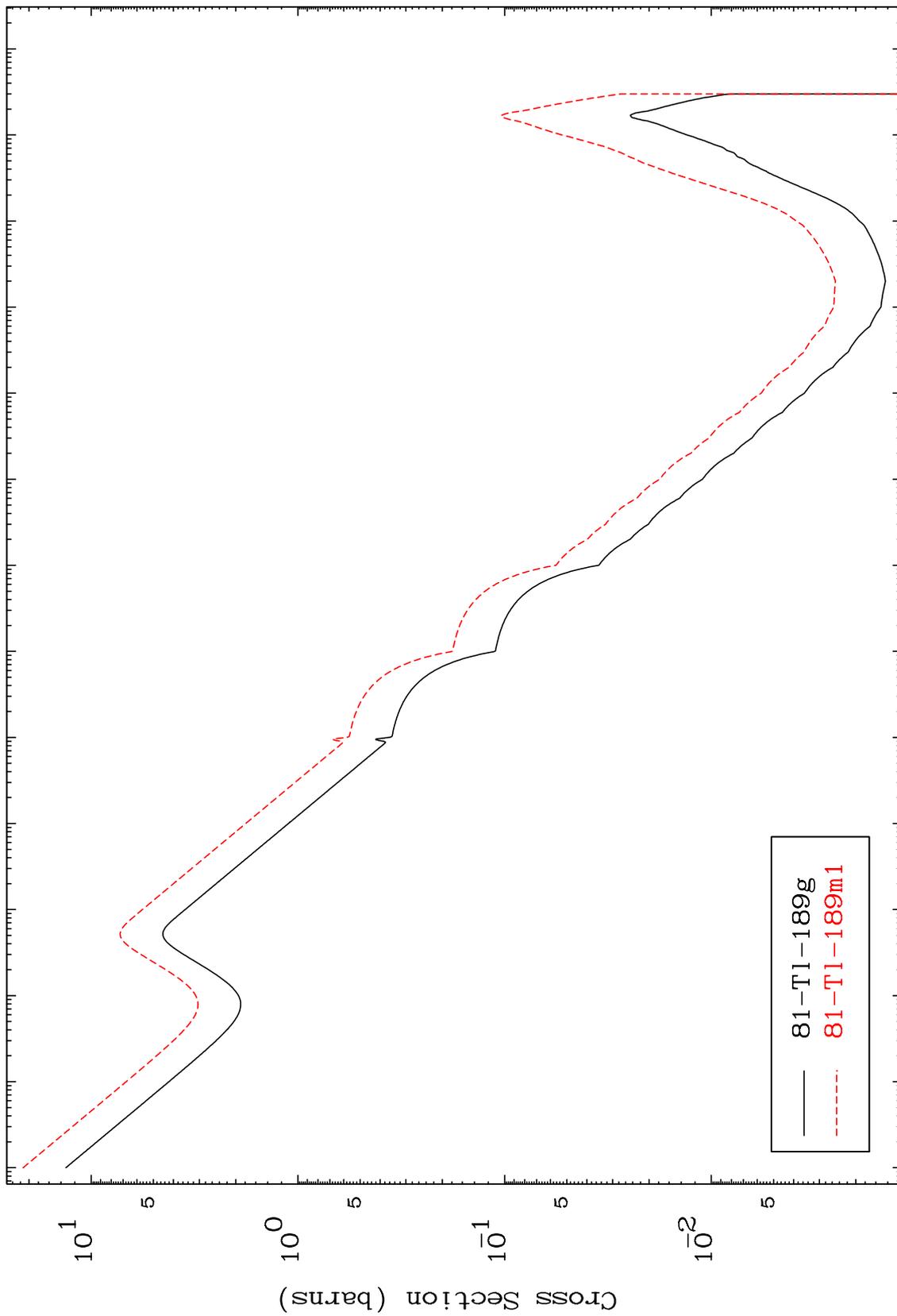
83-Bi-192

MAT 8274

(n, α)

83-Bi-192

Radionuclide Production Cross Section



65

Incident Energy (MeV)

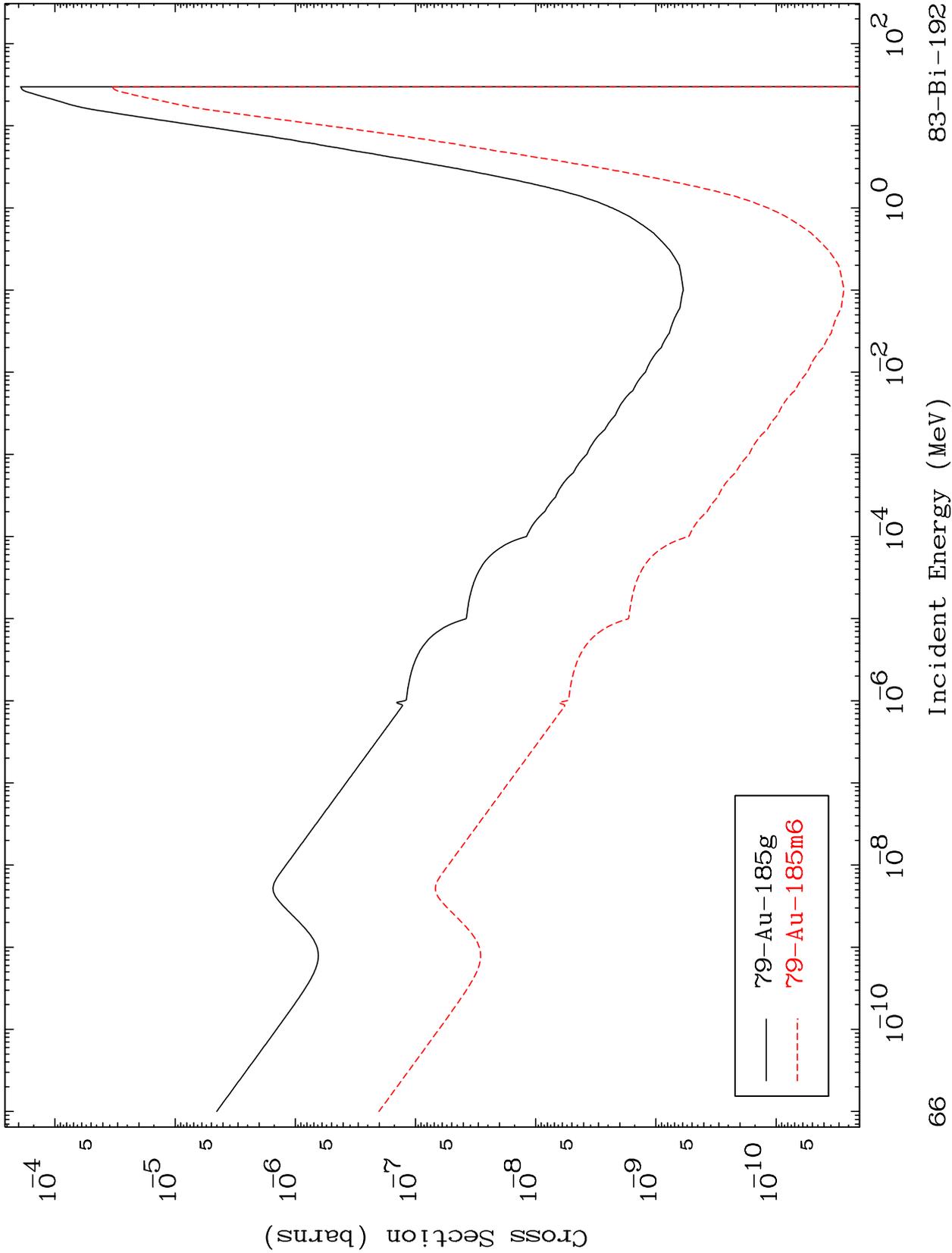
83-Bi-192

MAT 8274

(n,2α)

83-Bi-192

Radionuclide Production Cross Section



66

Incident Energy (MeV)

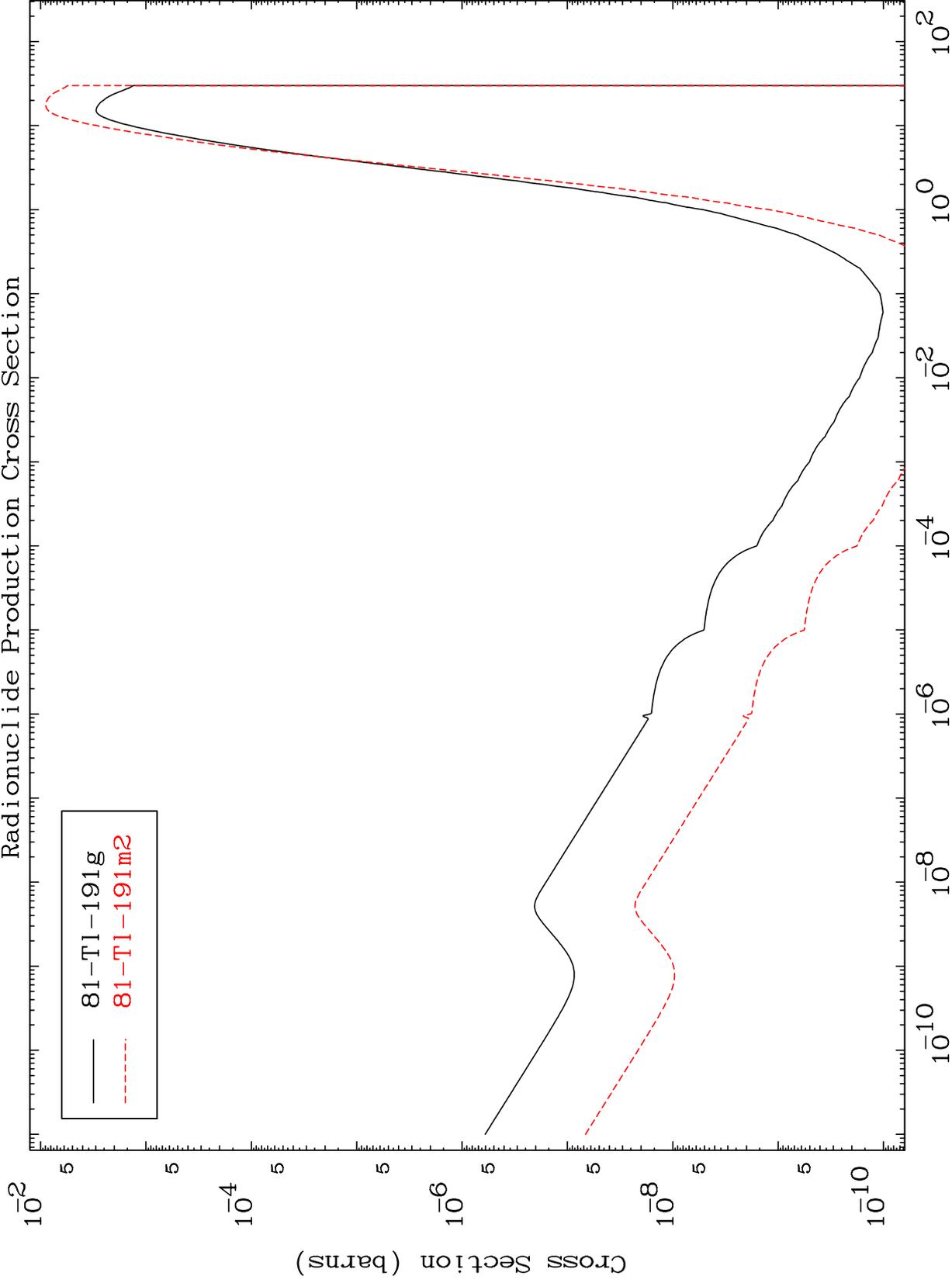
83-Bi-192

MAT 8274

(n,2p)

83-Bi-192

Radionuclide Production Cross Section



67

Incident Energy (MeV)

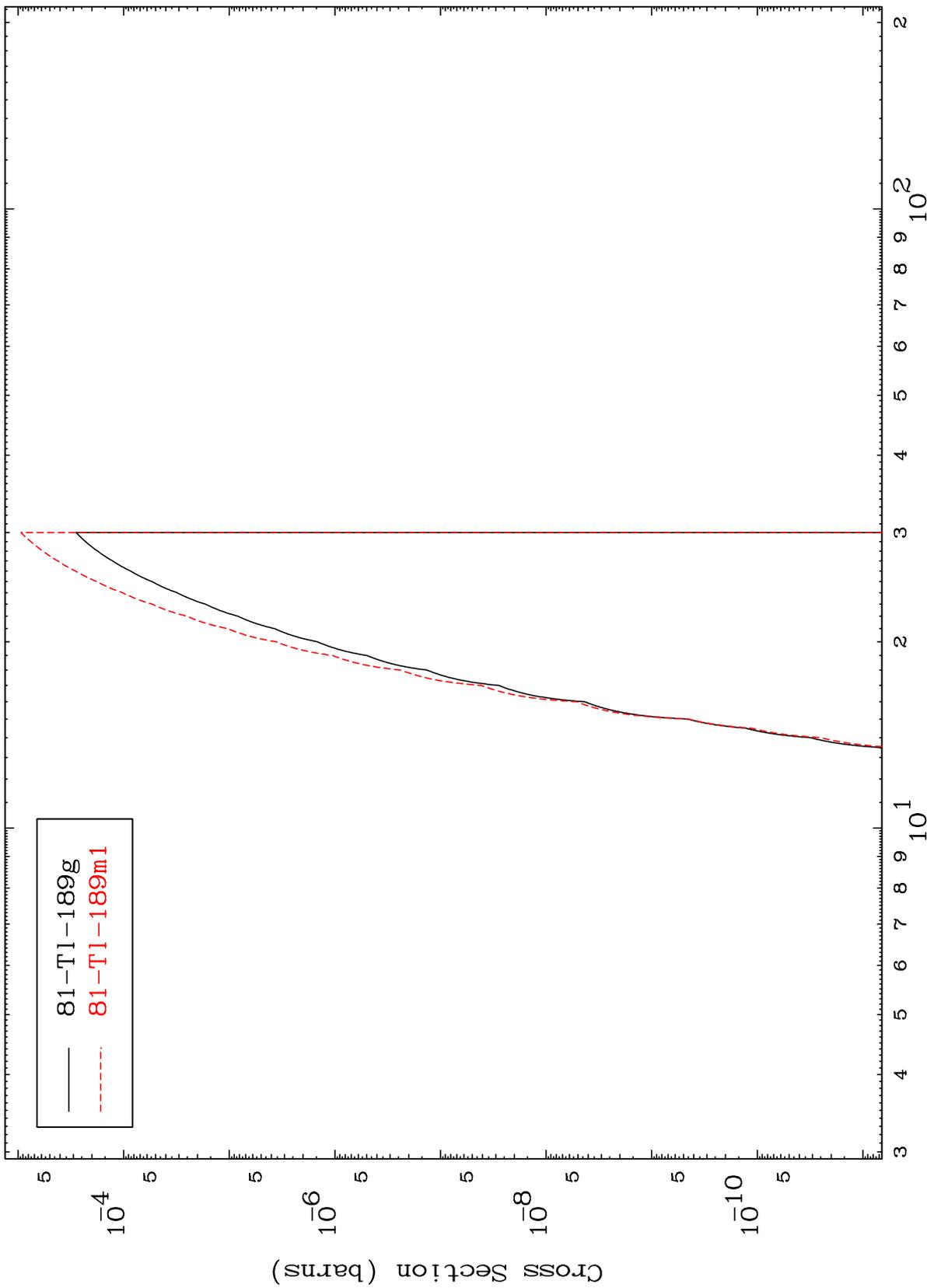
83-Bi-192

MAT 8274

(n,p) t

83-Bi-192

Radionuclide Production Cross Section



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

68

Incident Energy (MeV)

83-Bi-192

MAT 8274

(n,d) α

83-Bi-192

Radionuclide Production Cross Section

