

Program EVALPLOT
(Version 2015-2)

by

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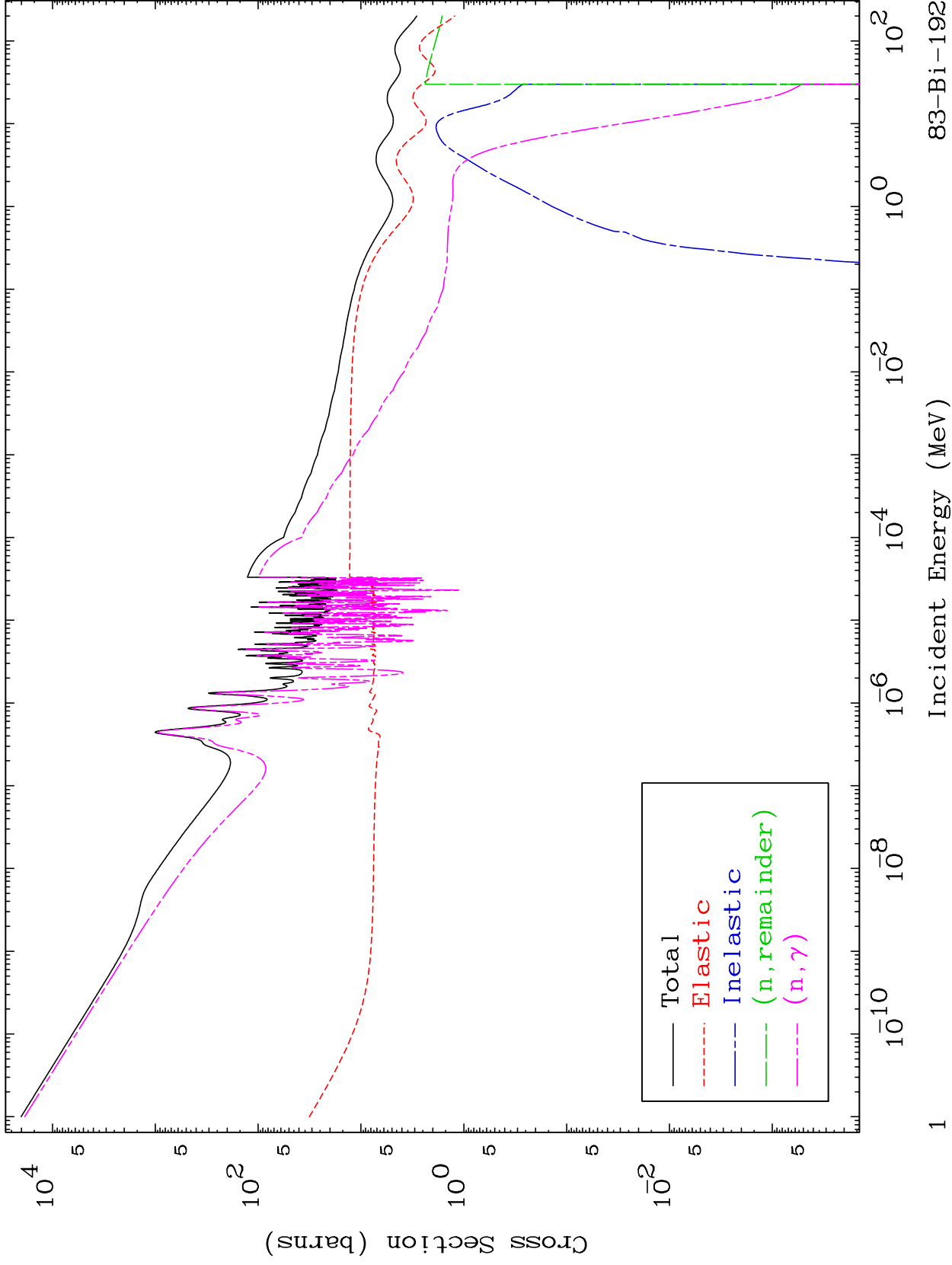
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8274

Major
293 Kelvin Cross Sections

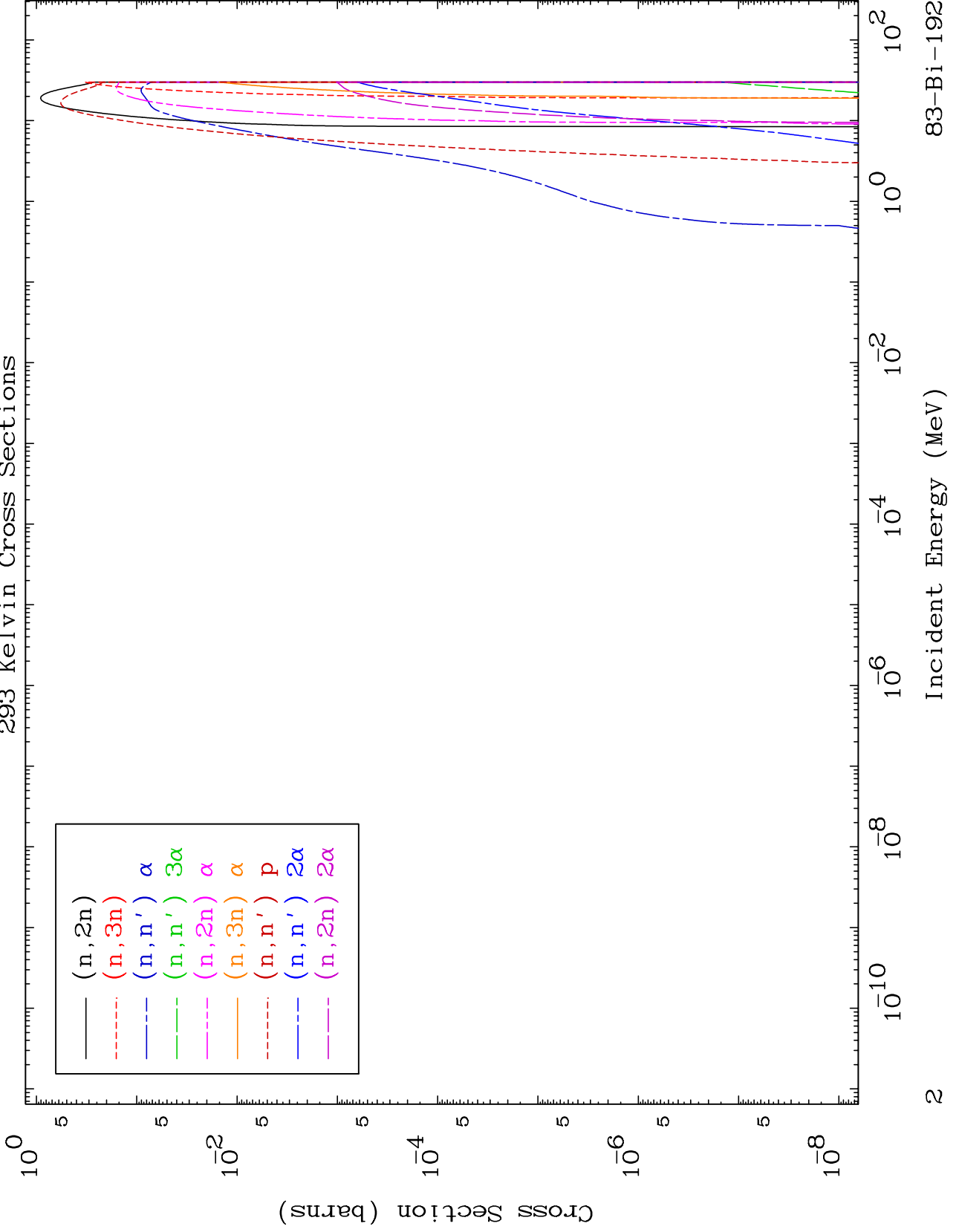
83-Bi-192



MAT 8274

Neutron Production
293 Kelvin Cross Sections

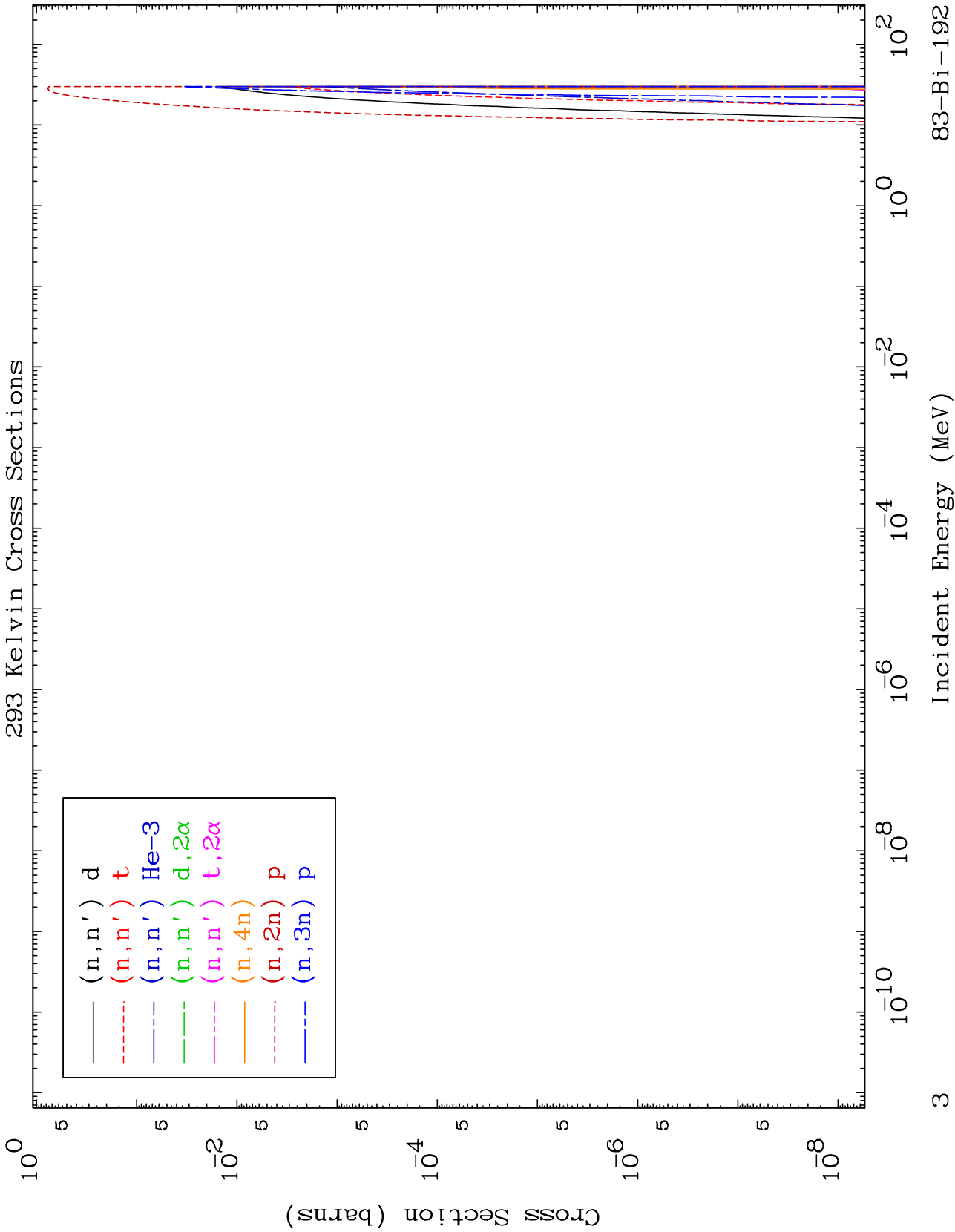
83-Bi-192



MAT 8274

Neutron Production
293 Kelvin Cross Sections

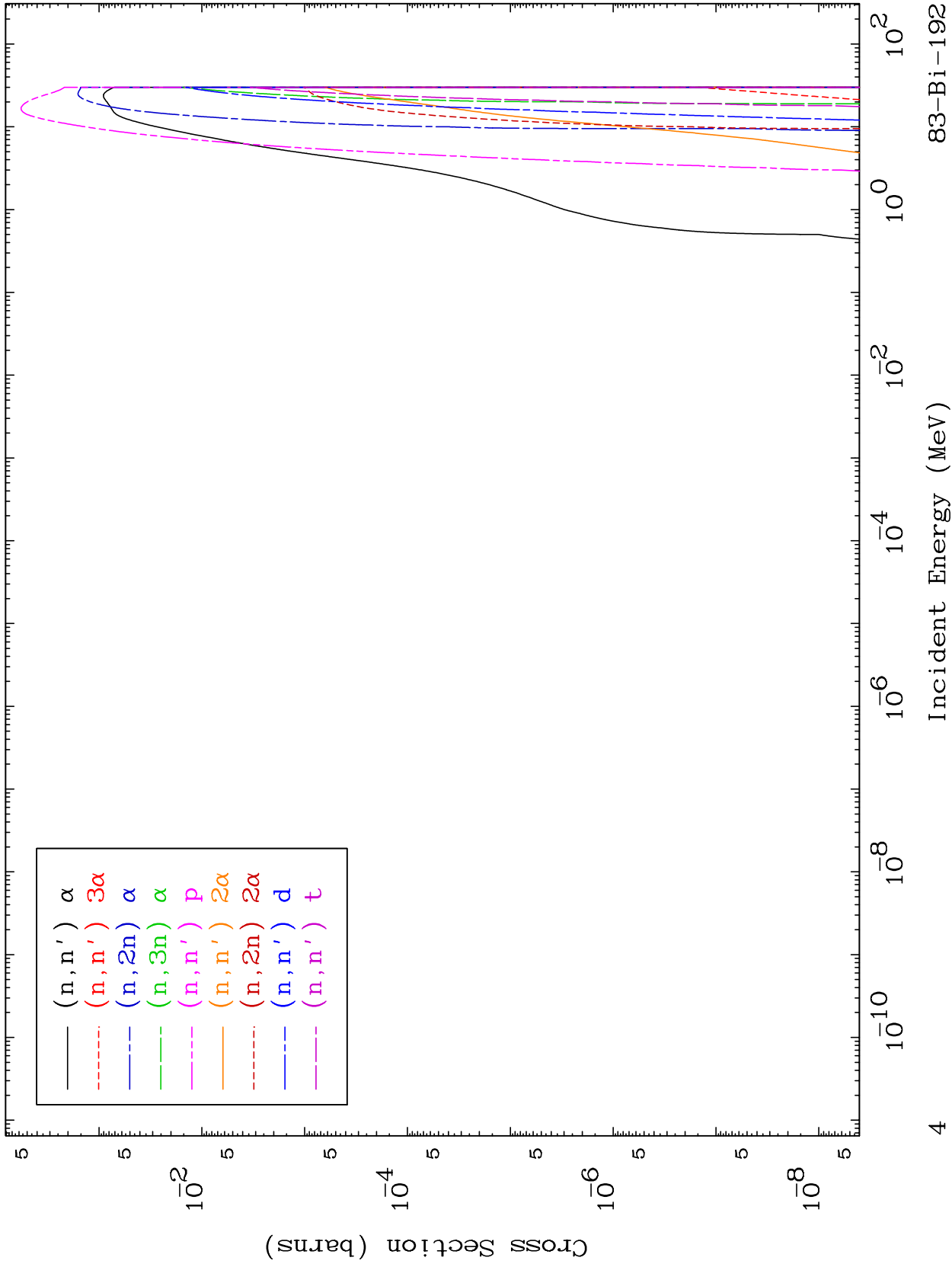
83-Bi-192



MAT 8274

Charged Particle
293 Kelvin Cross Sections

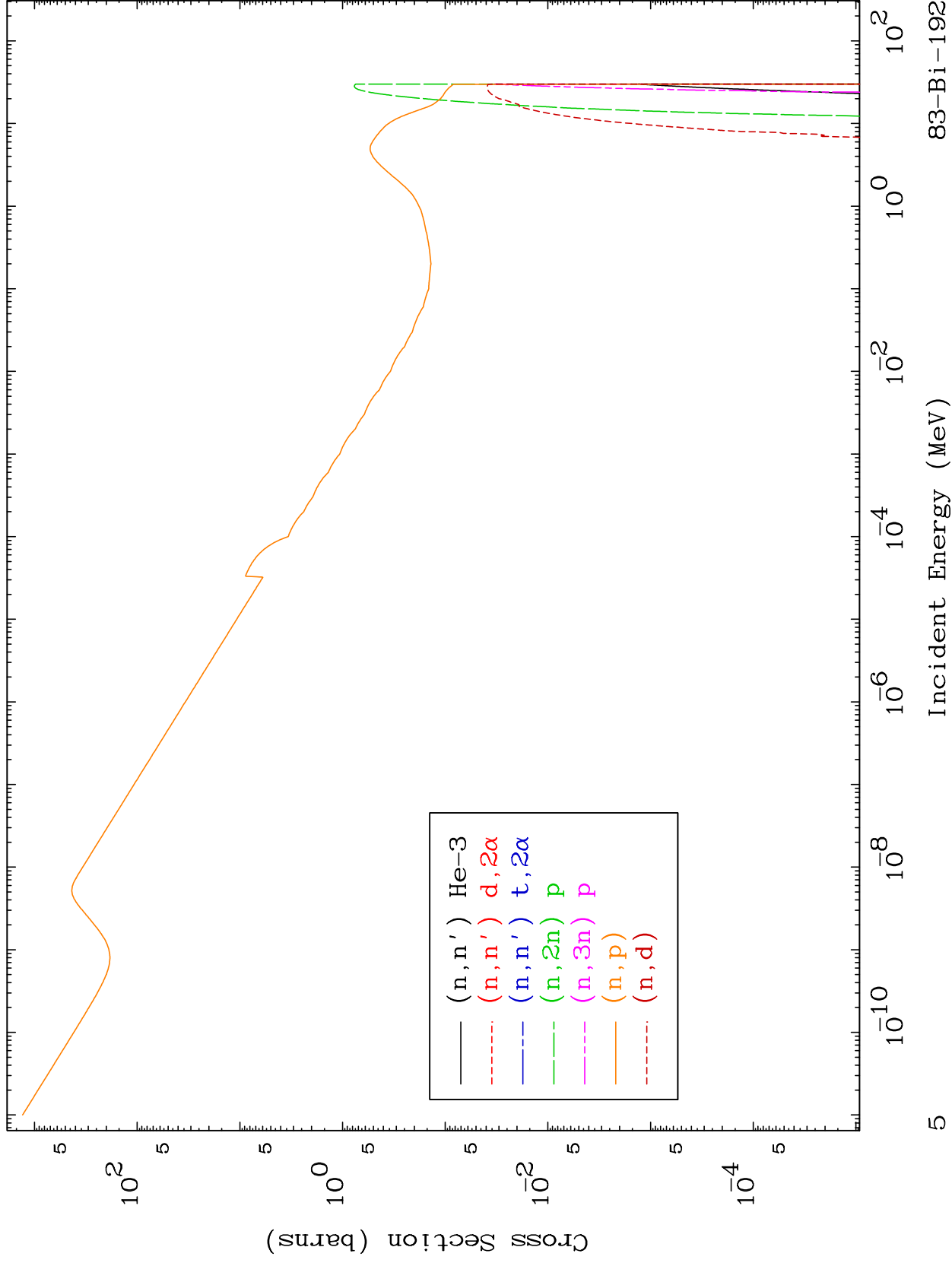
83-Bi-192



MAT 8274

Charged Particle
293 Kelvin Cross Sections

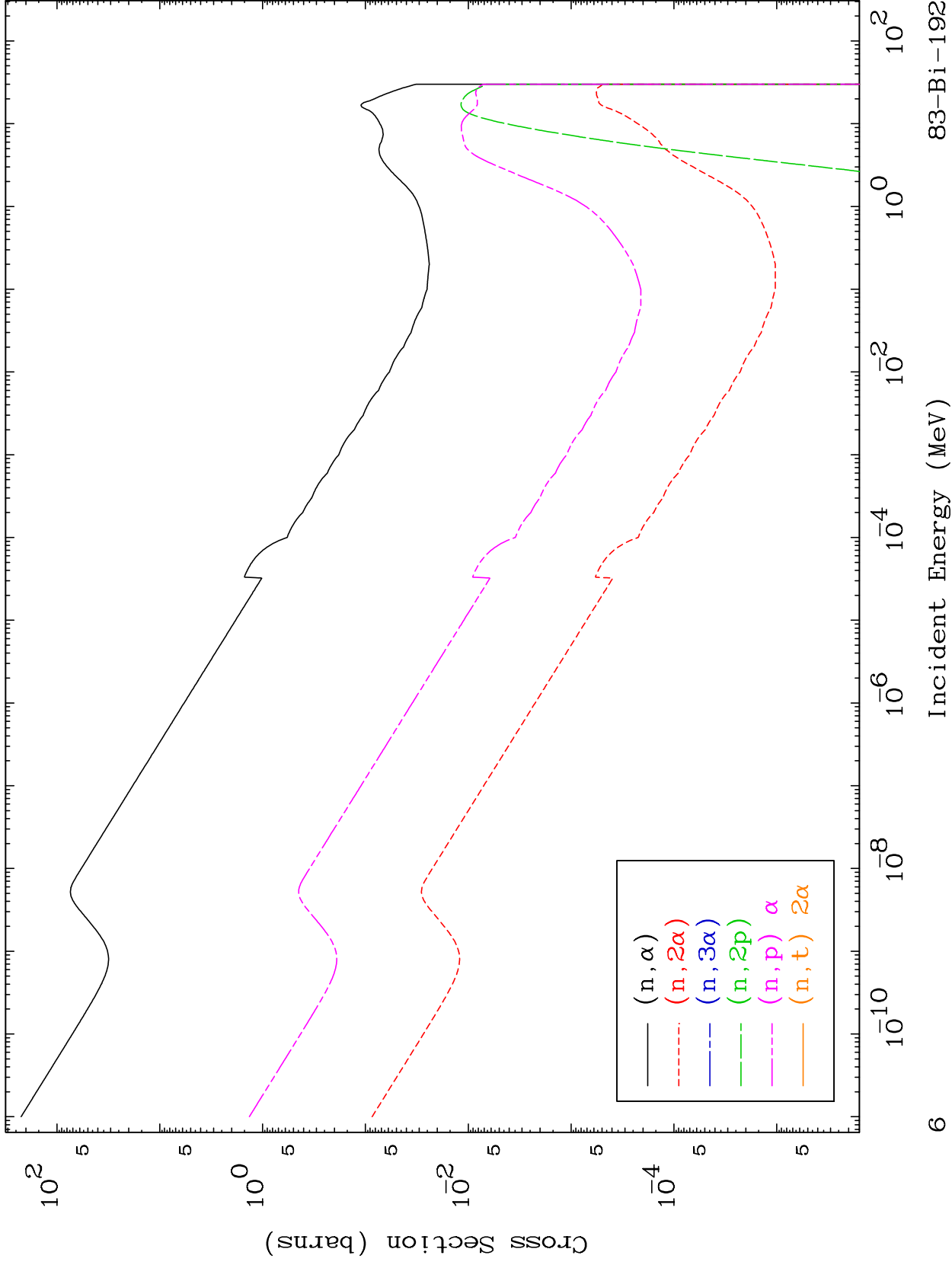
83-Bi-192



MAT 8274

Charged Particle
293 Kelvin Cross Sections

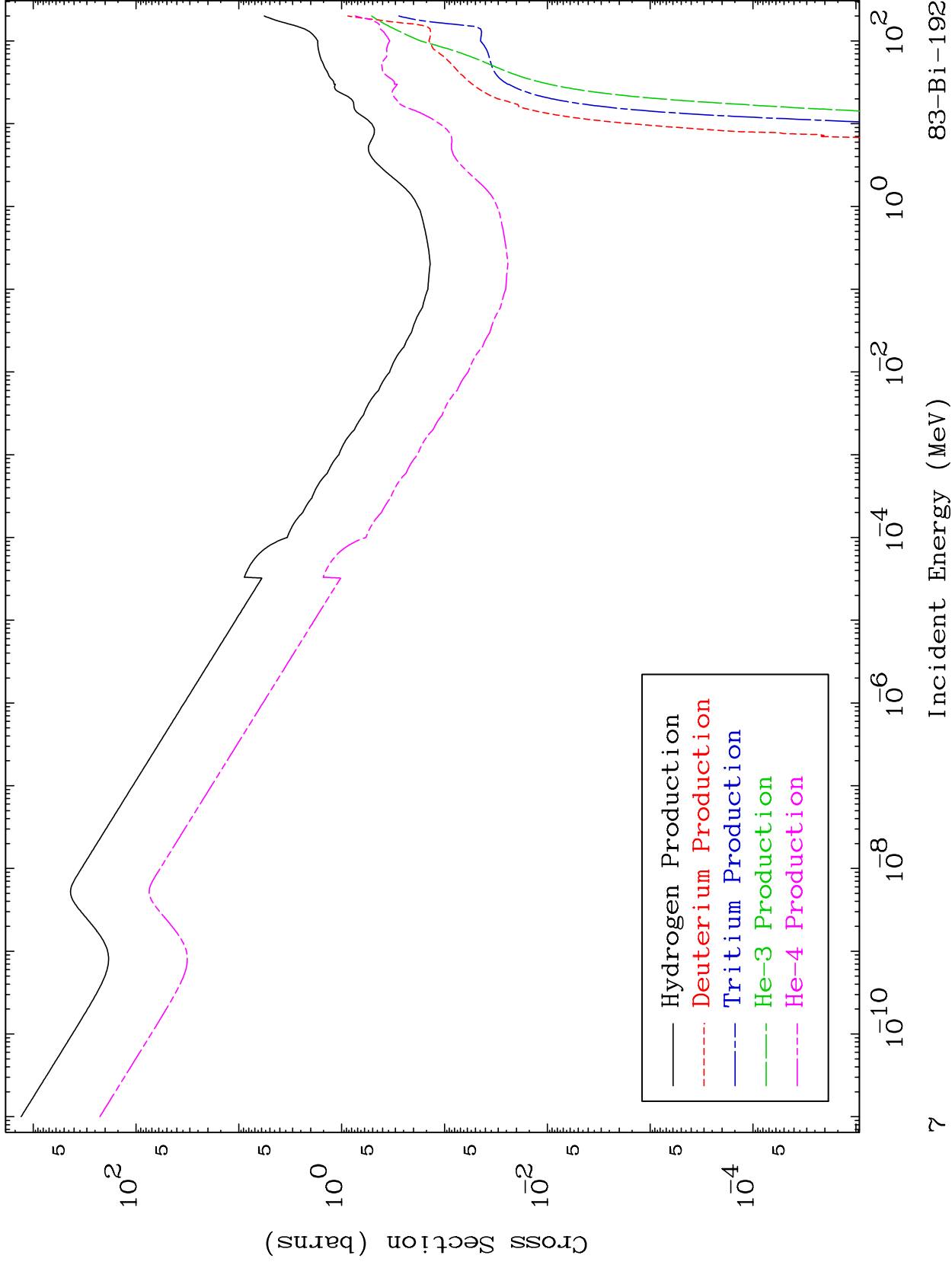
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MAT 8274

Particle Production
293 Kelvin Cross Sections

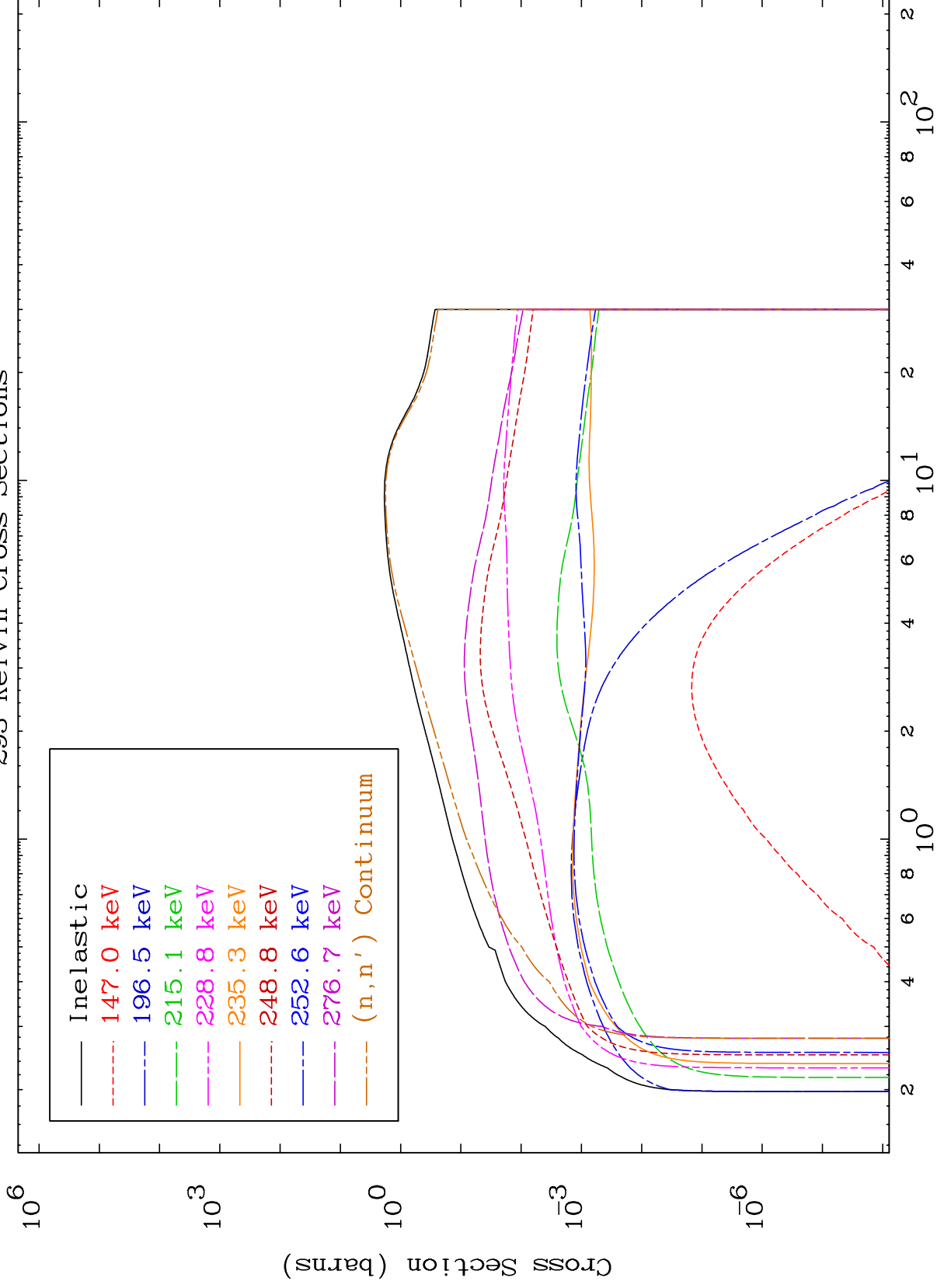
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MAT 8274

(n,n') Level
293 Kelvin Cross Sections

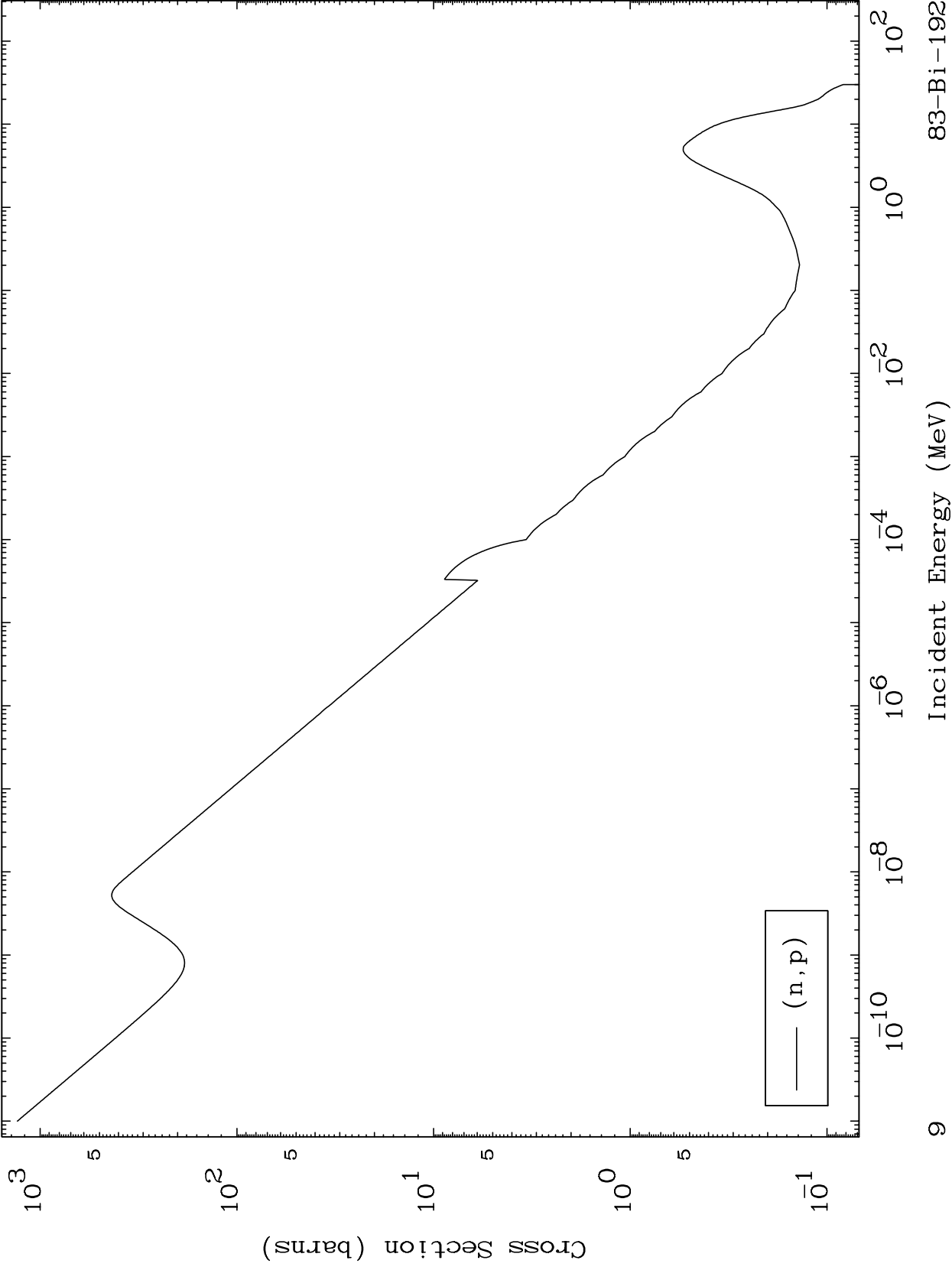
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MAT 8274

(n,p) Levels
293 Kelvin Cross Sections

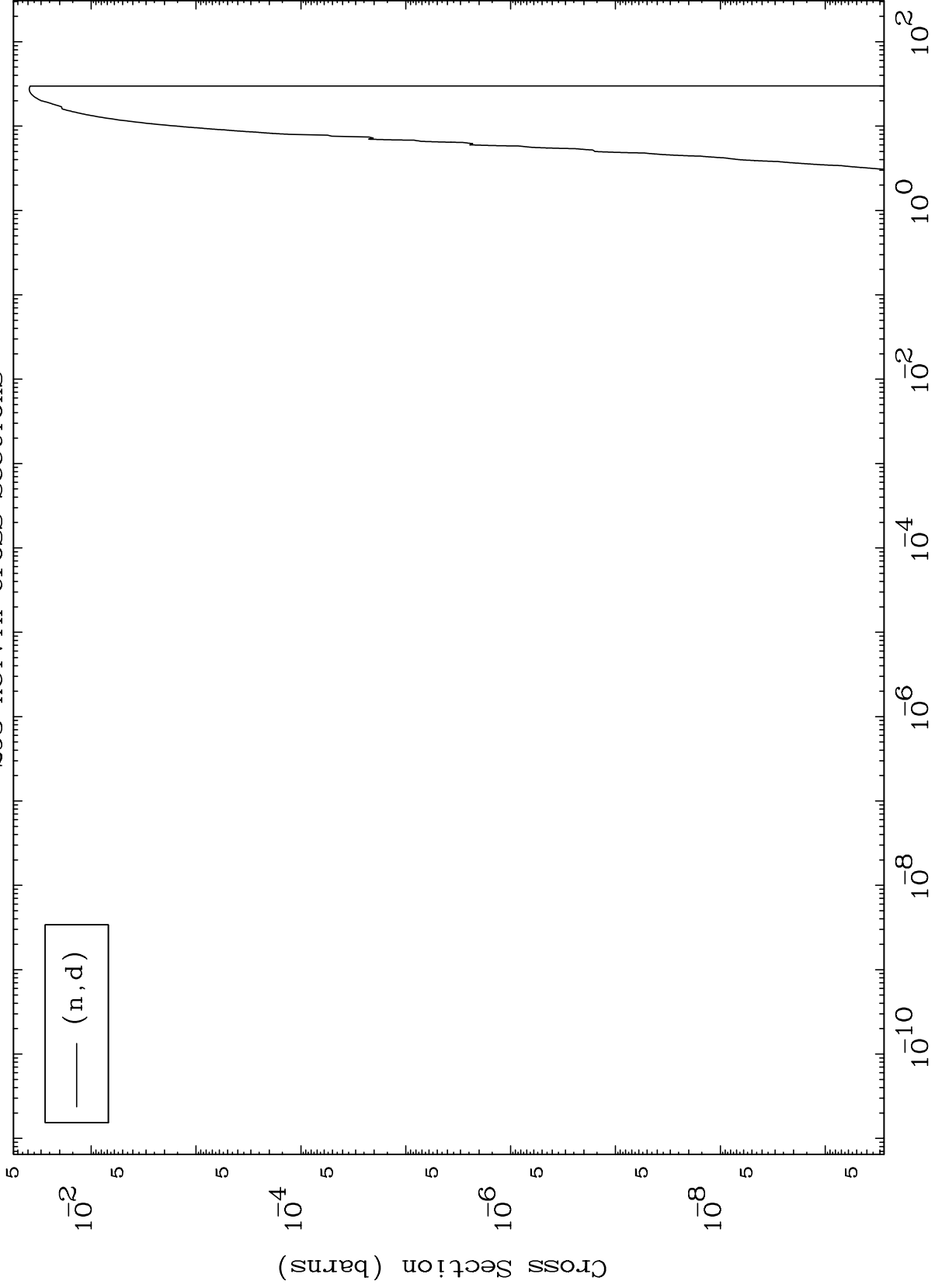
83-Bi-192



MAT 8274

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-192



10

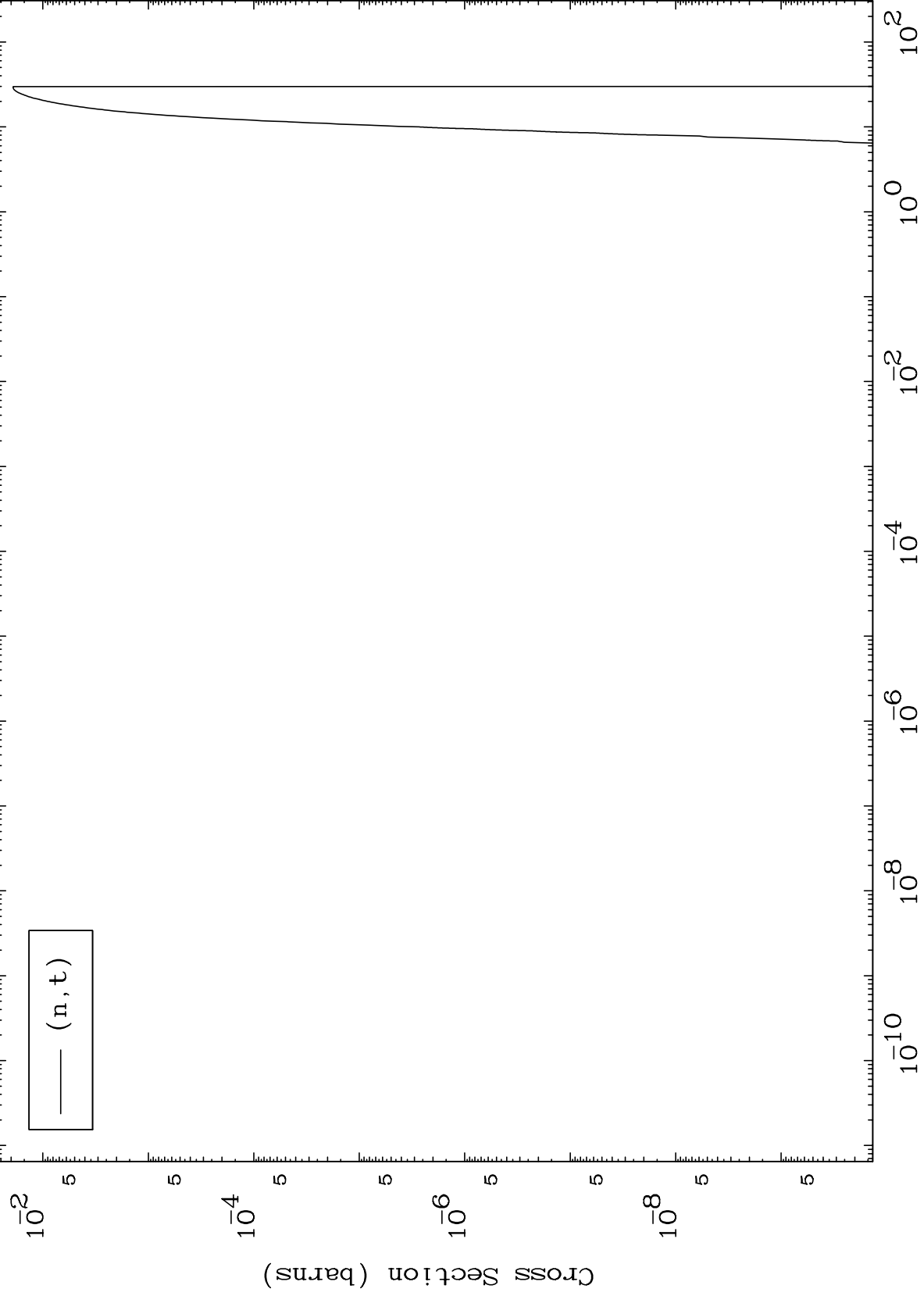
Incident Energy (MeV)

83-Bi-192

MAT 8274

(n,t) Levels
293 Kelvin Cross Sections

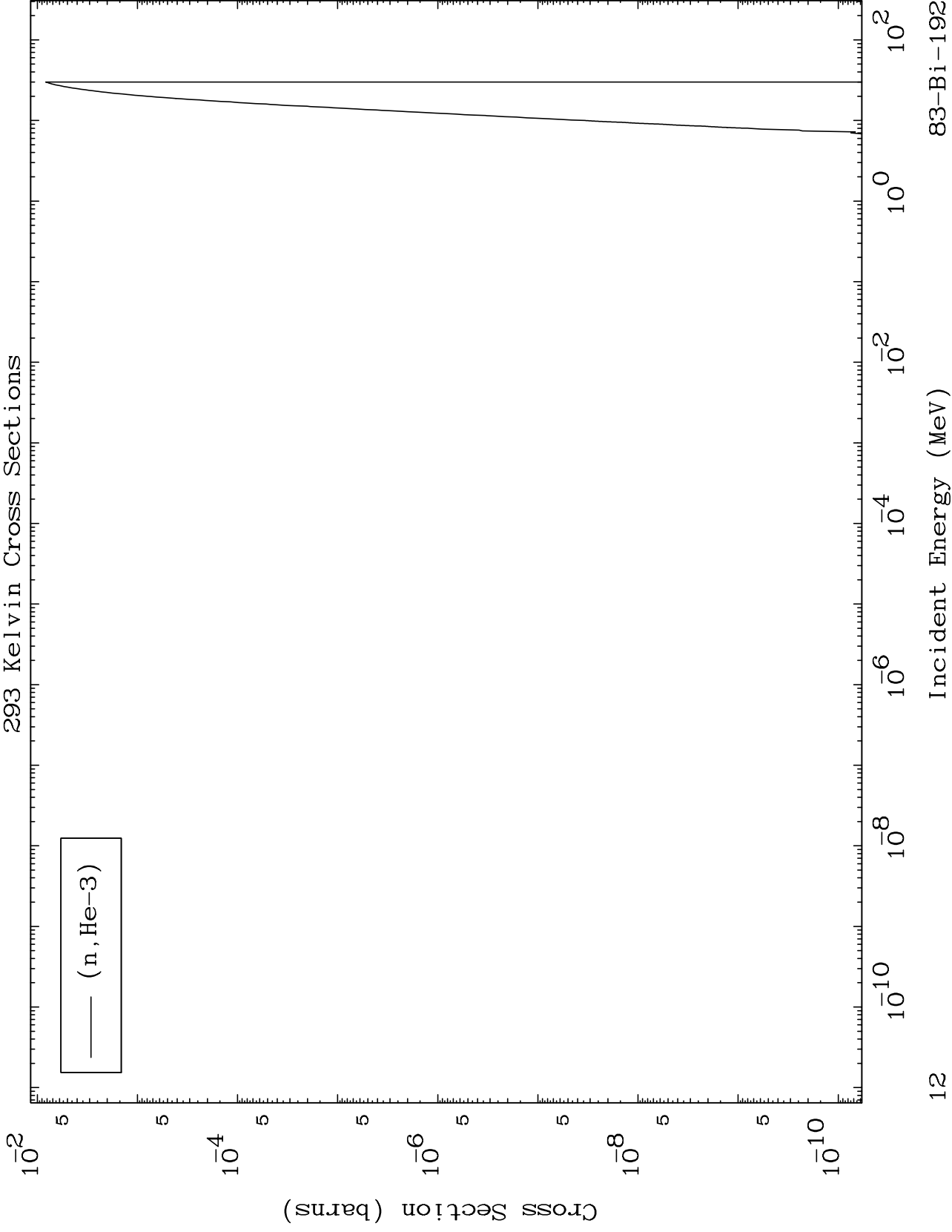
83-Bi-192



MAT 8274

(n,He3) Levels
293 Kelvin Cross Sections

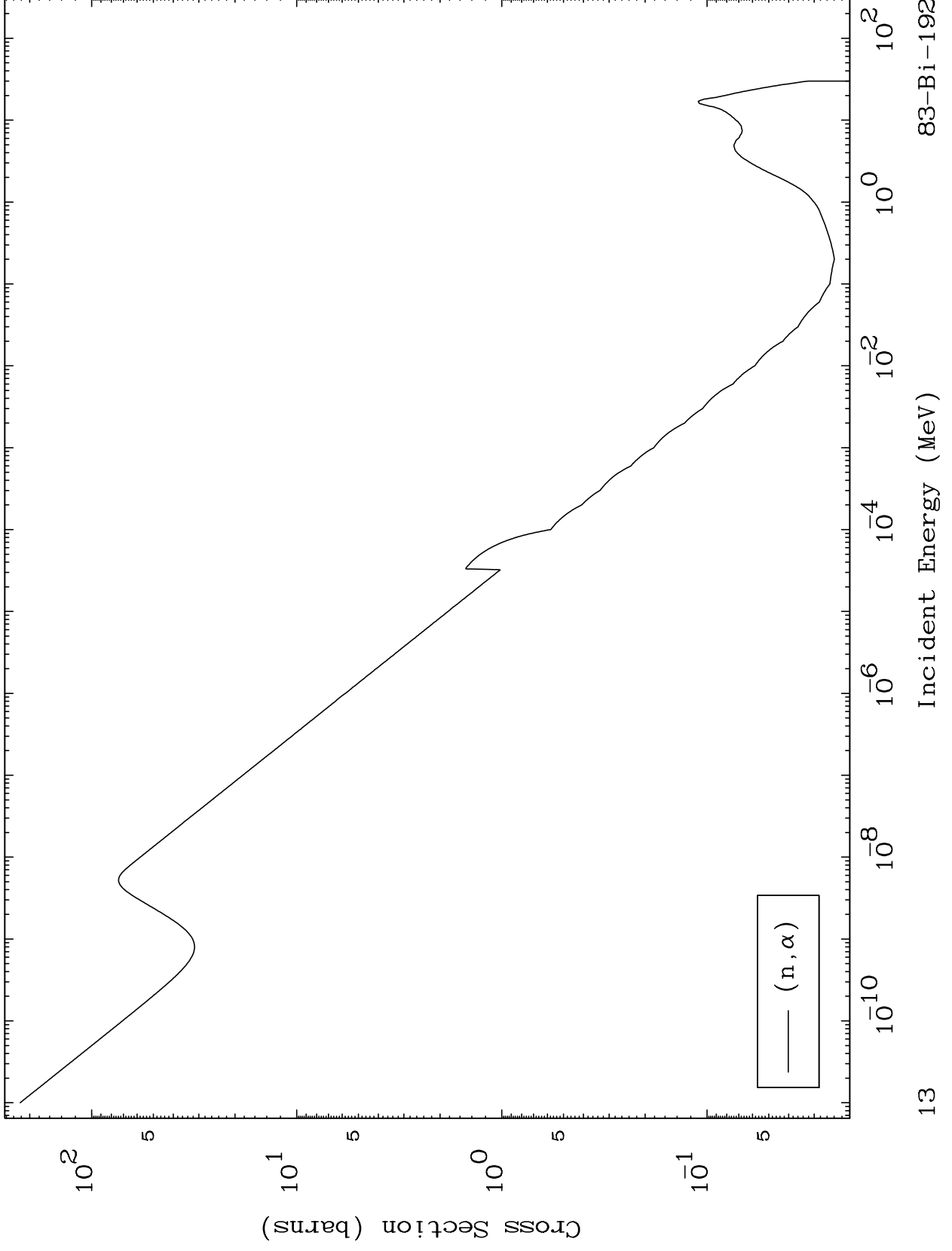
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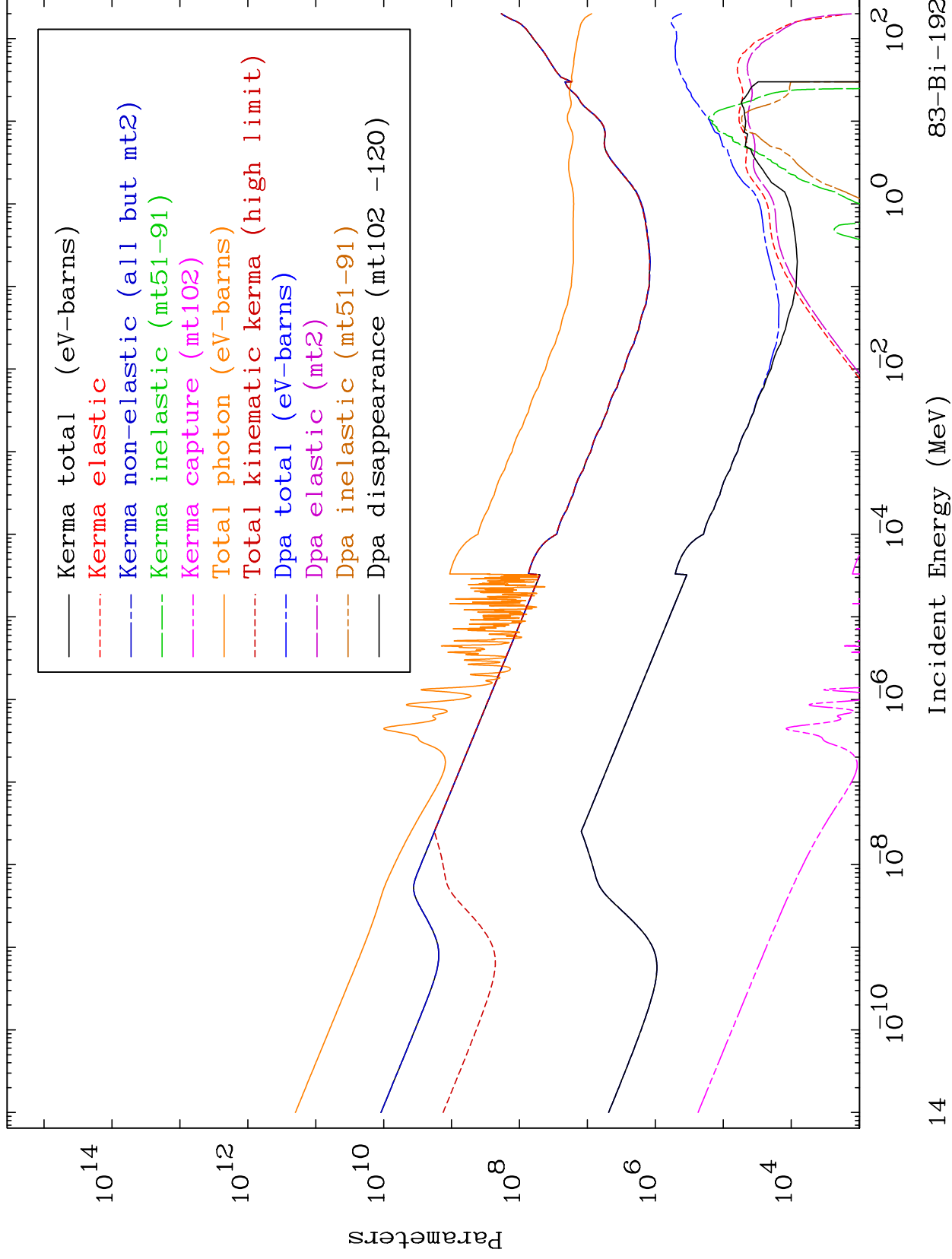
MAT 8274

(n,α) Levels
293 Kelvin Cross Sections

83-Bi-192



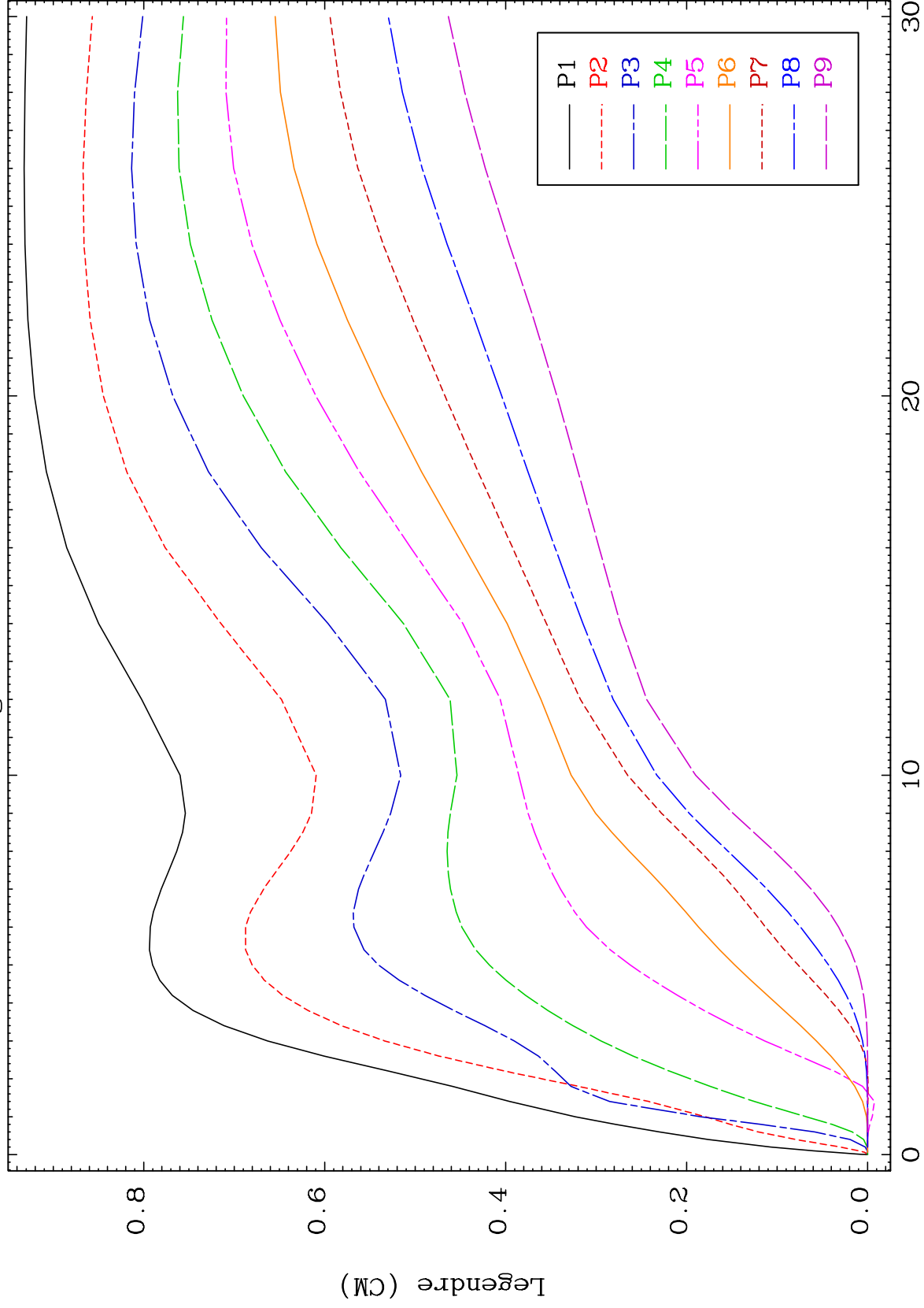
13



MAT 8274

Elastic Legendre Coefficients

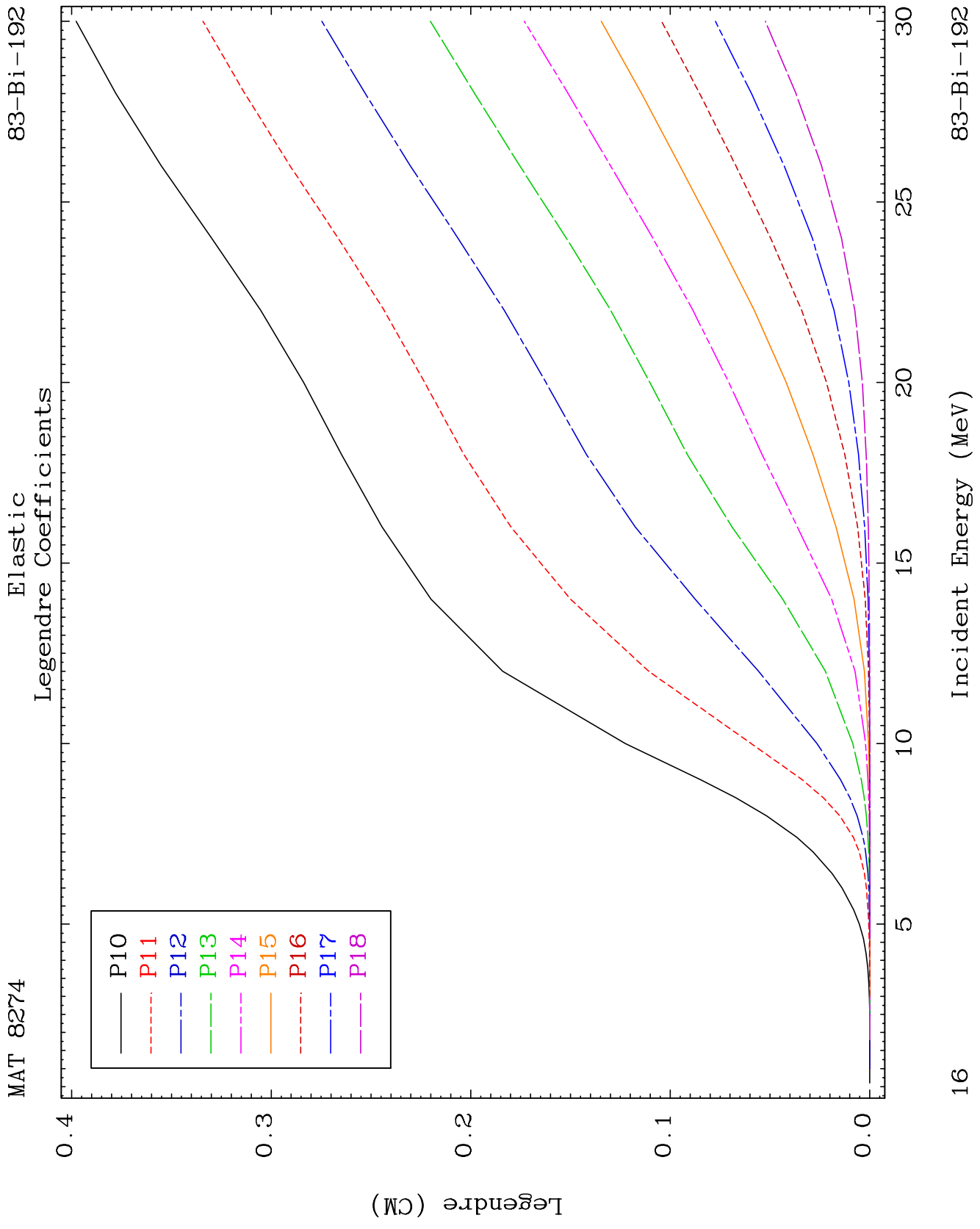
83-Bi-192



15

Incident Energy (MeV)

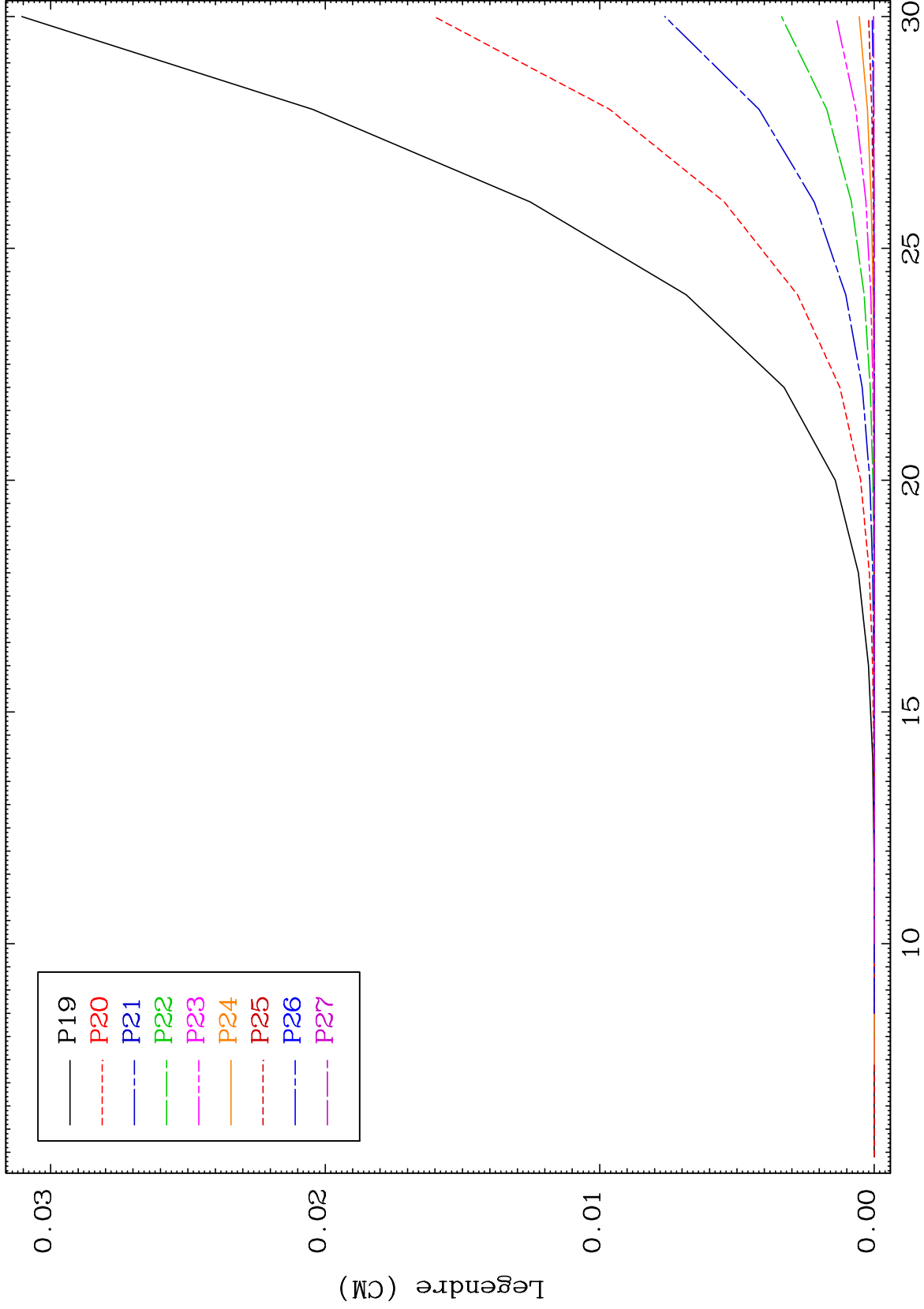
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MAT 8274

Elastic Legendre Coefficients

83-Bi-192



17

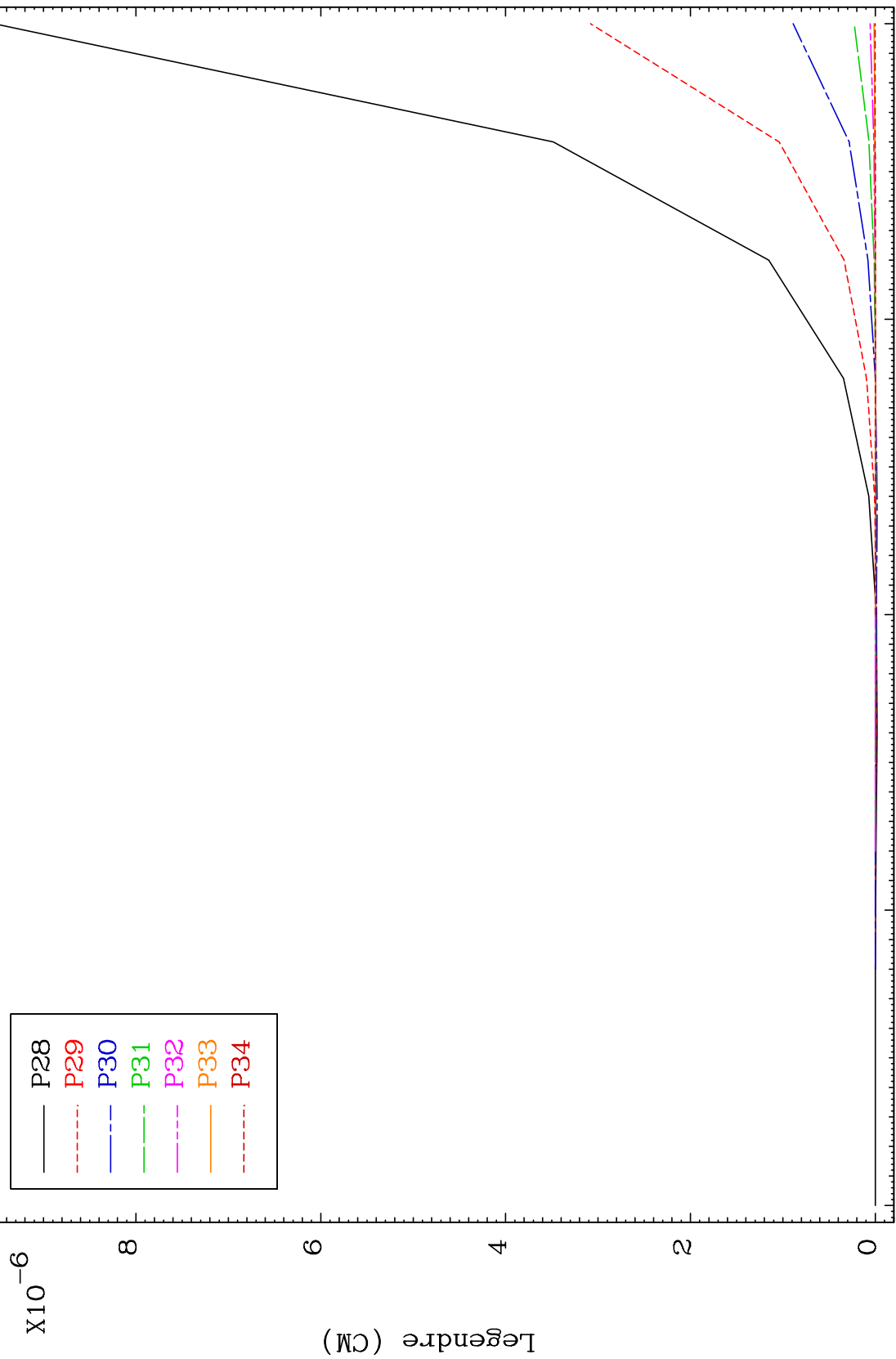
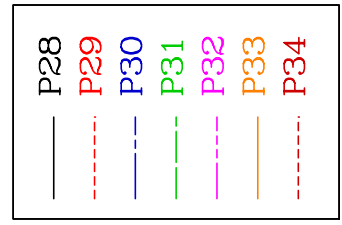
Incident Energy (MeV)

83-Bi-192

MAT 8274

Elastic Legendre Coefficients

83-Bi-192



83-Bi-192

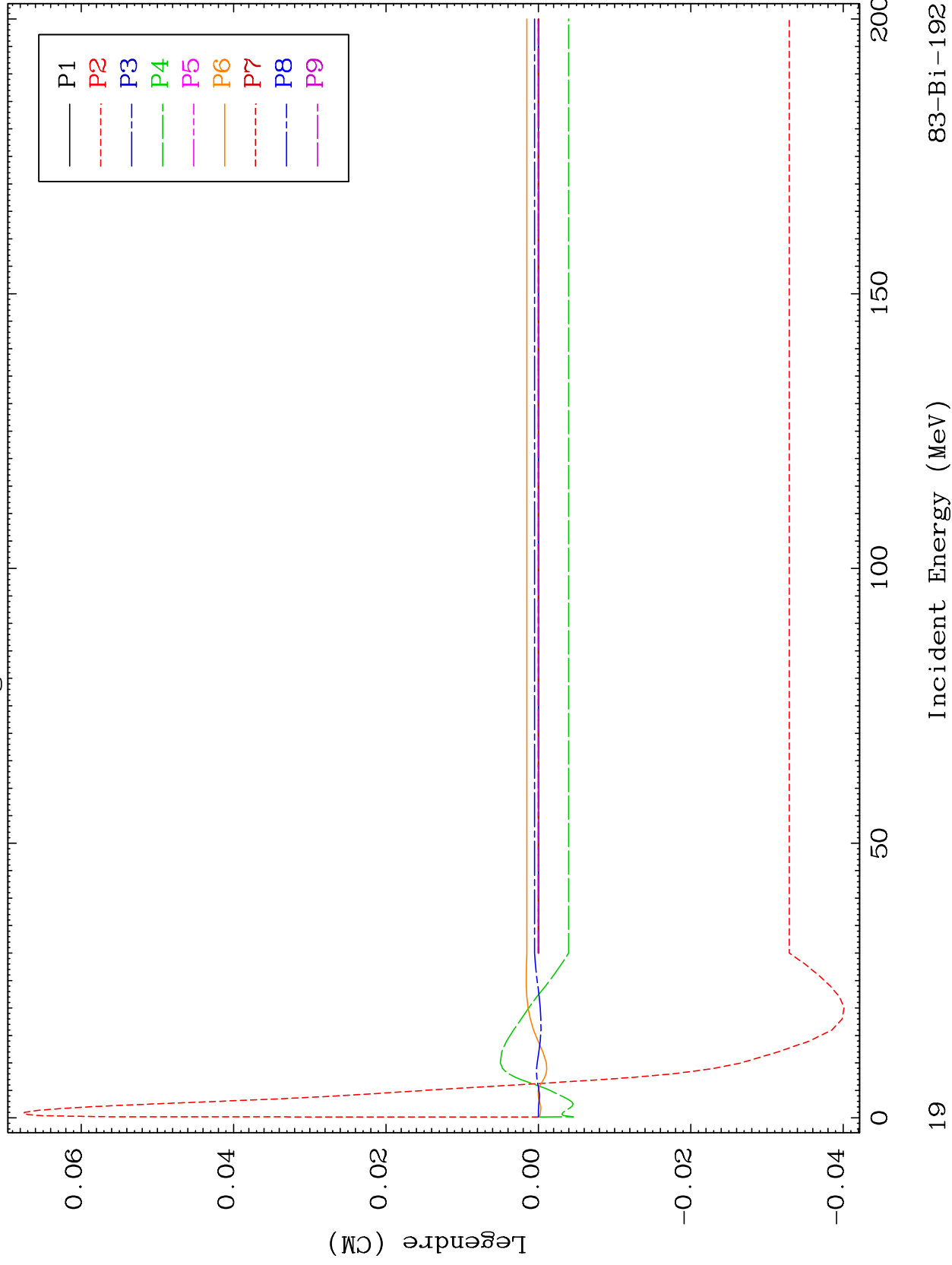
Incident Energy (MeV)

18

MAT 8274

147.0 keV (n,n') Level
Legendre Coefficients

83-Bi-192



83-Bi-192

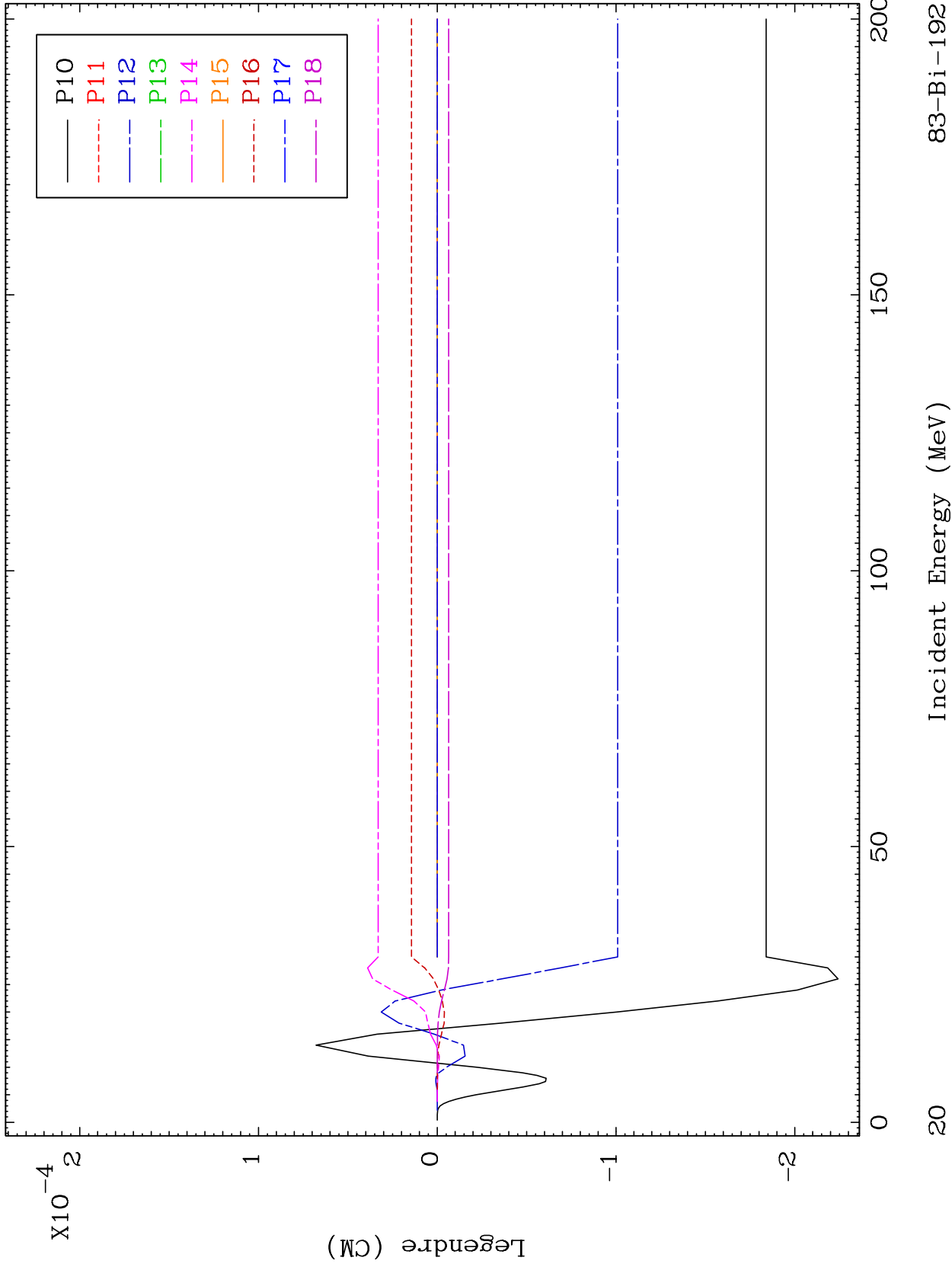
Incident Energy (MeV)

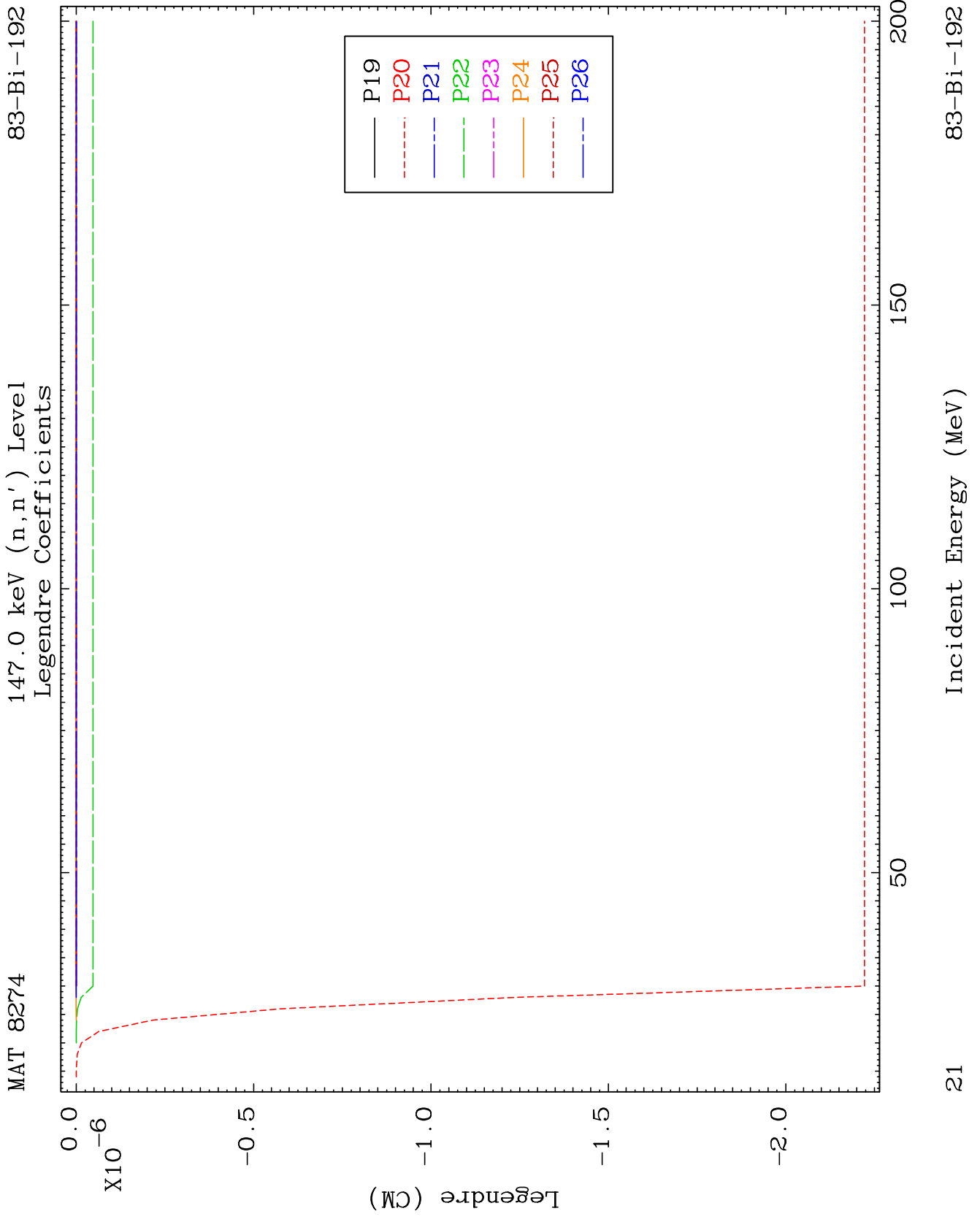
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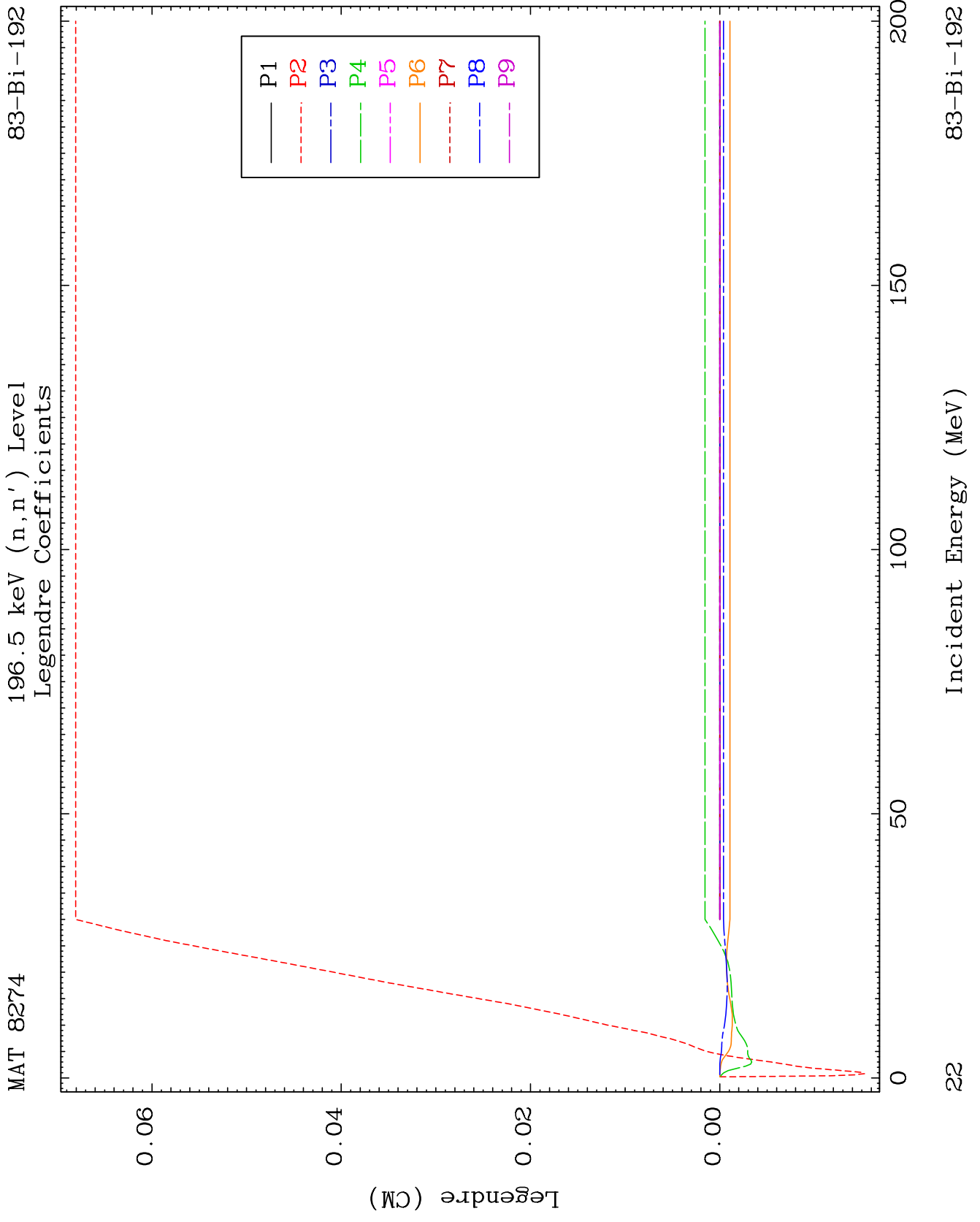
MAT 8274

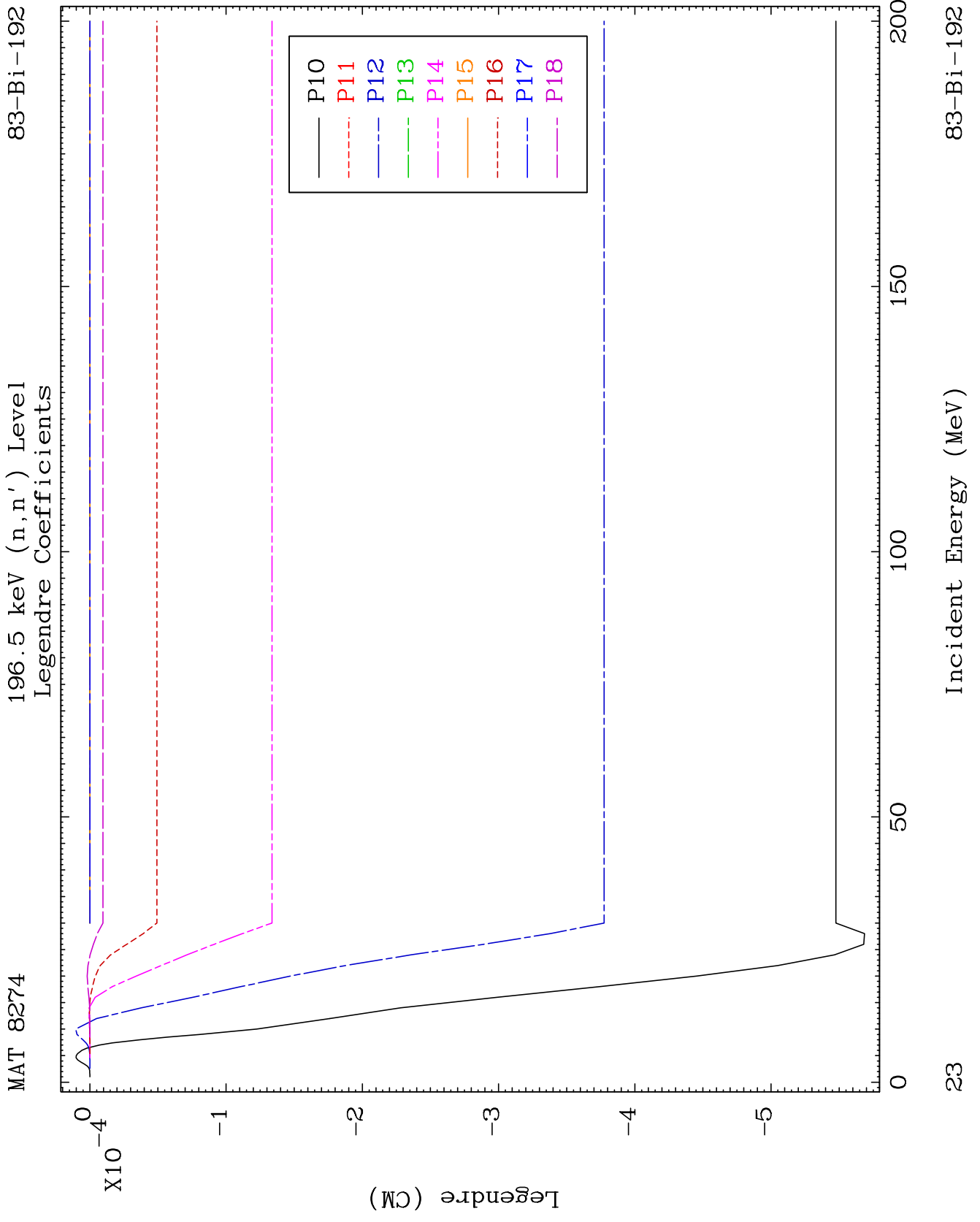
147.0 keV (n,n') Level
Legendre Coefficients

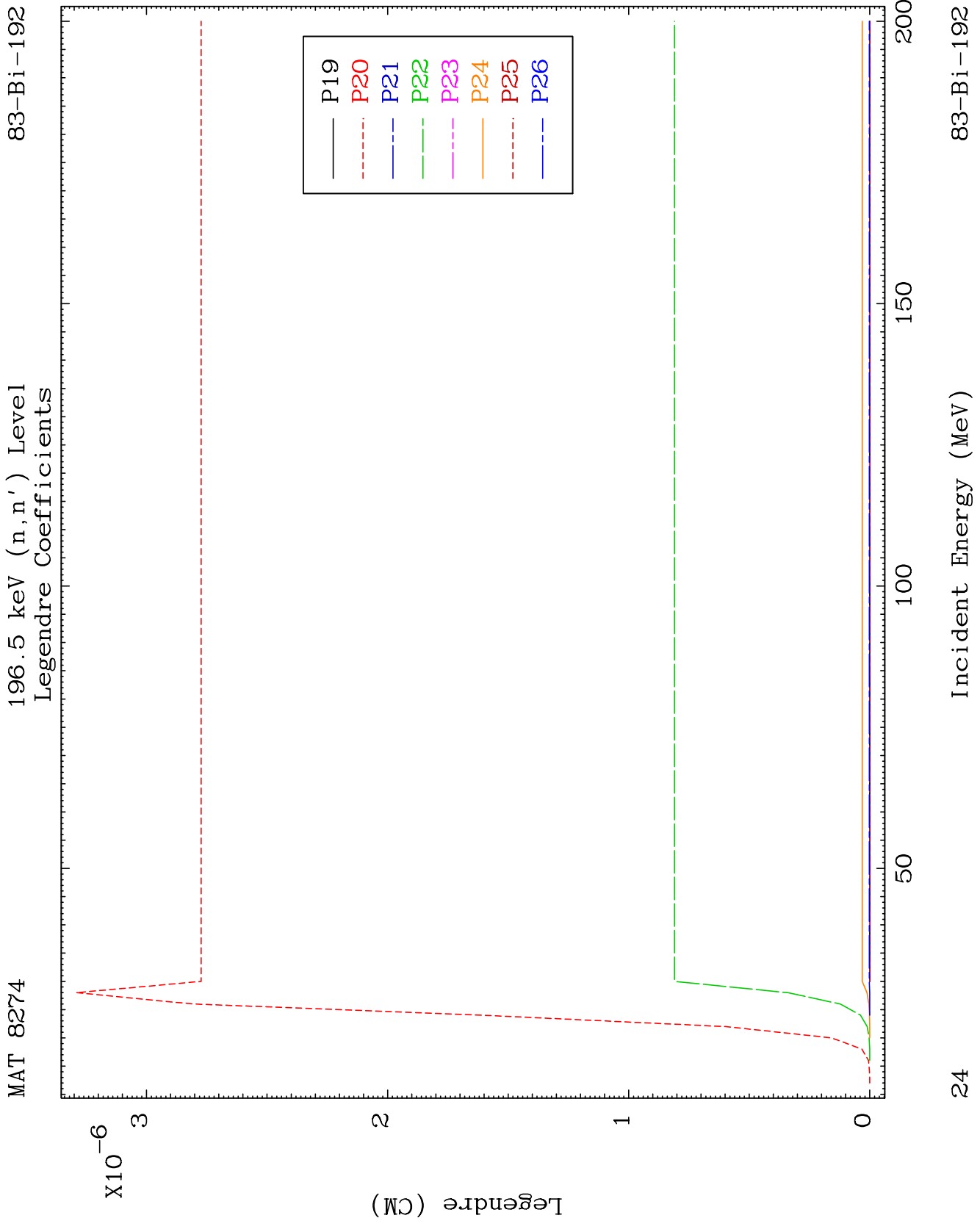
83-Bi-192







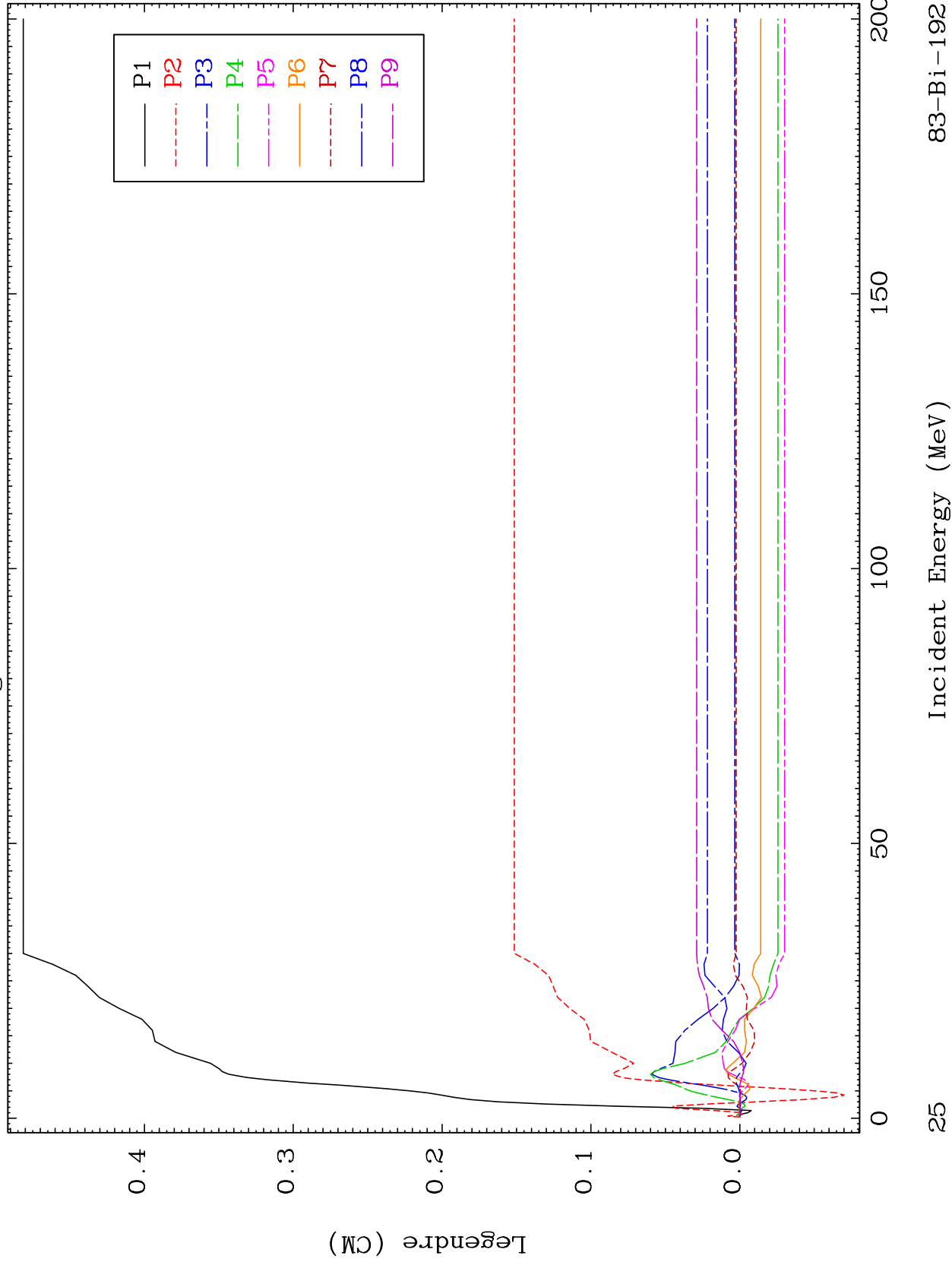




MAT 8274

215.1 keV (n,n') Level
Legendre Coefficients

83-Bi-192



83-Bi-192

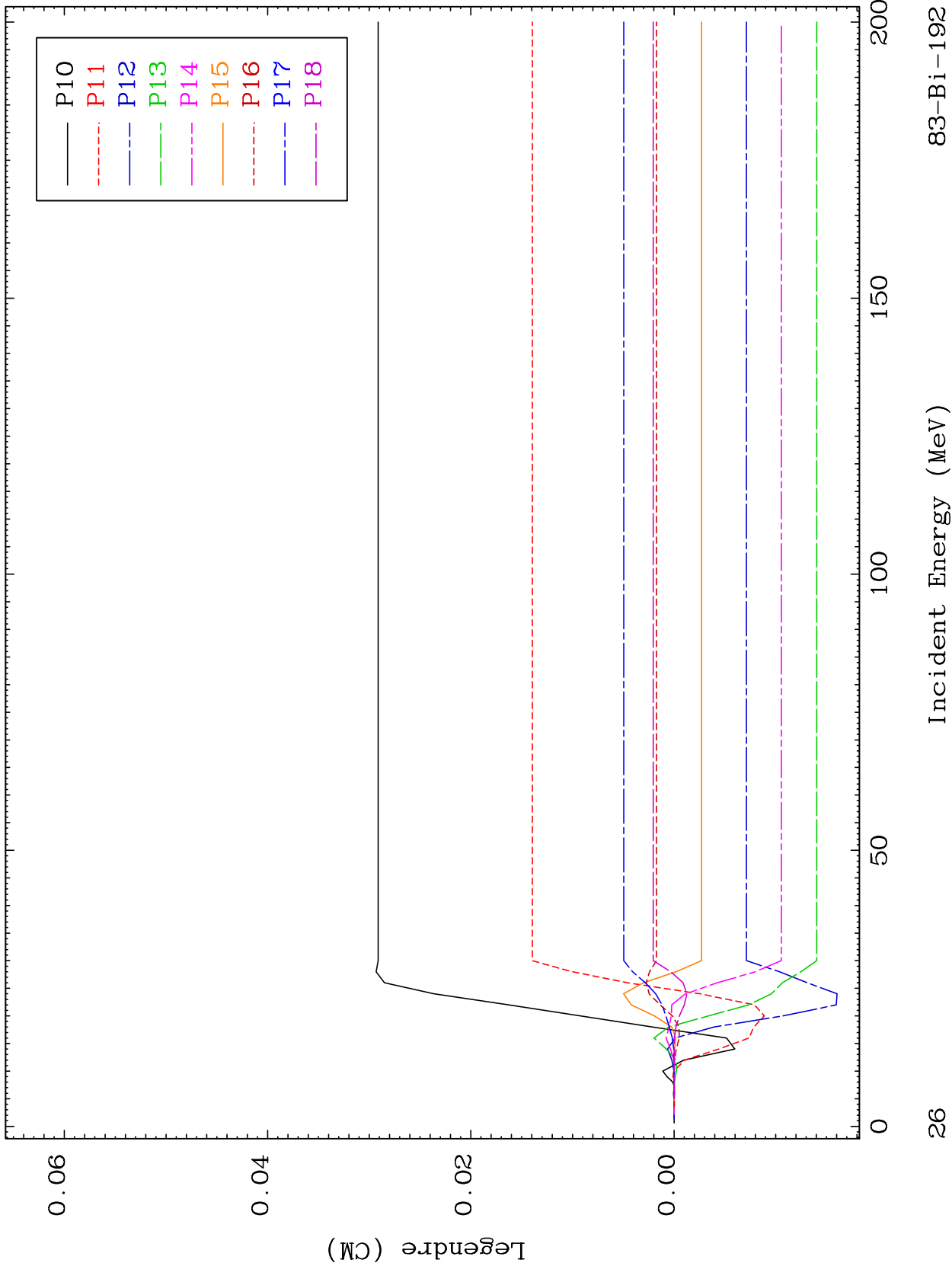
Incident Energy (MeV)

25

MAT 8274

215.1 keV (n,n') Level
Legendre Coefficients

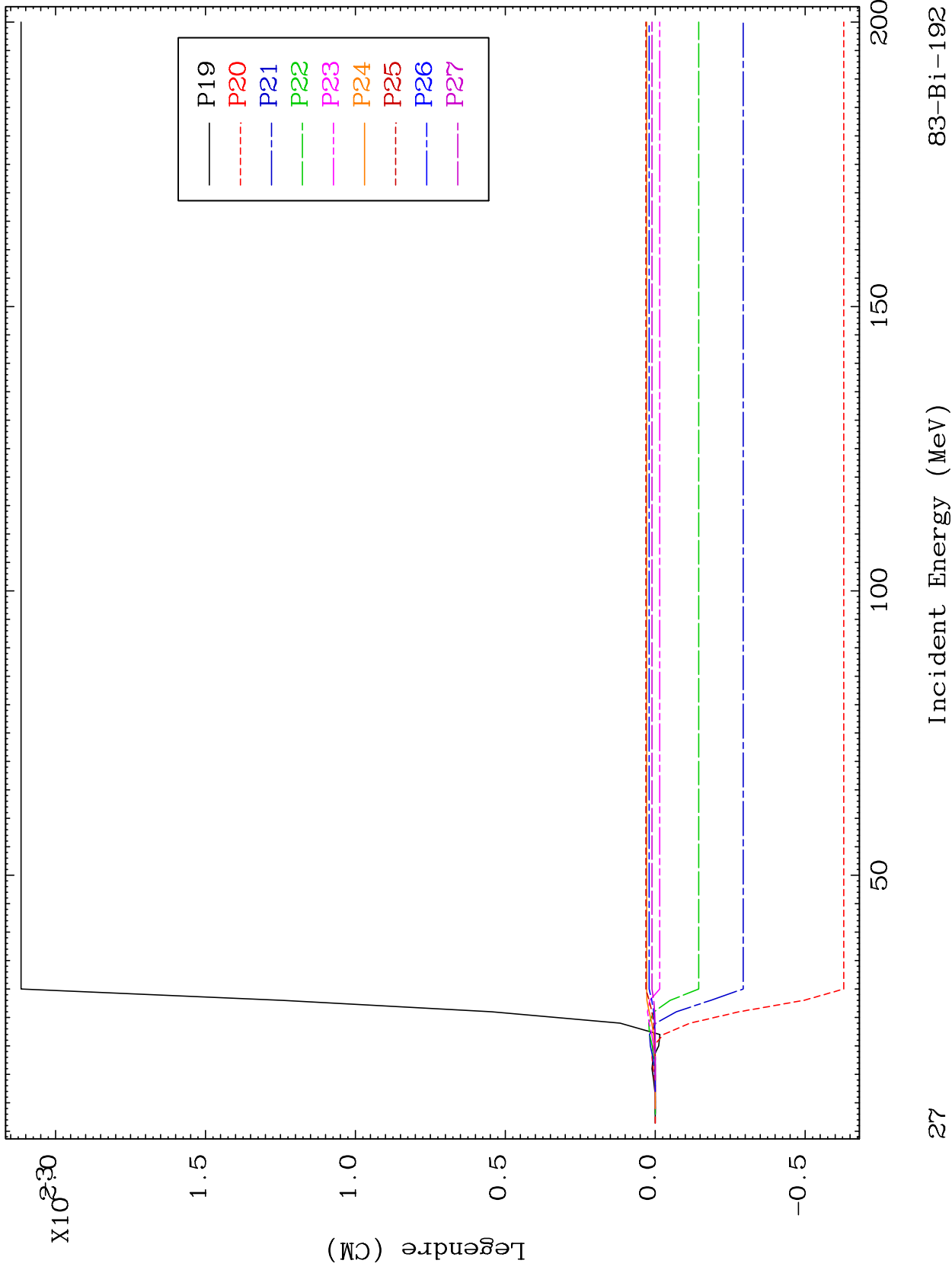
83-Bi-192



26

Incident Energy (MeV)

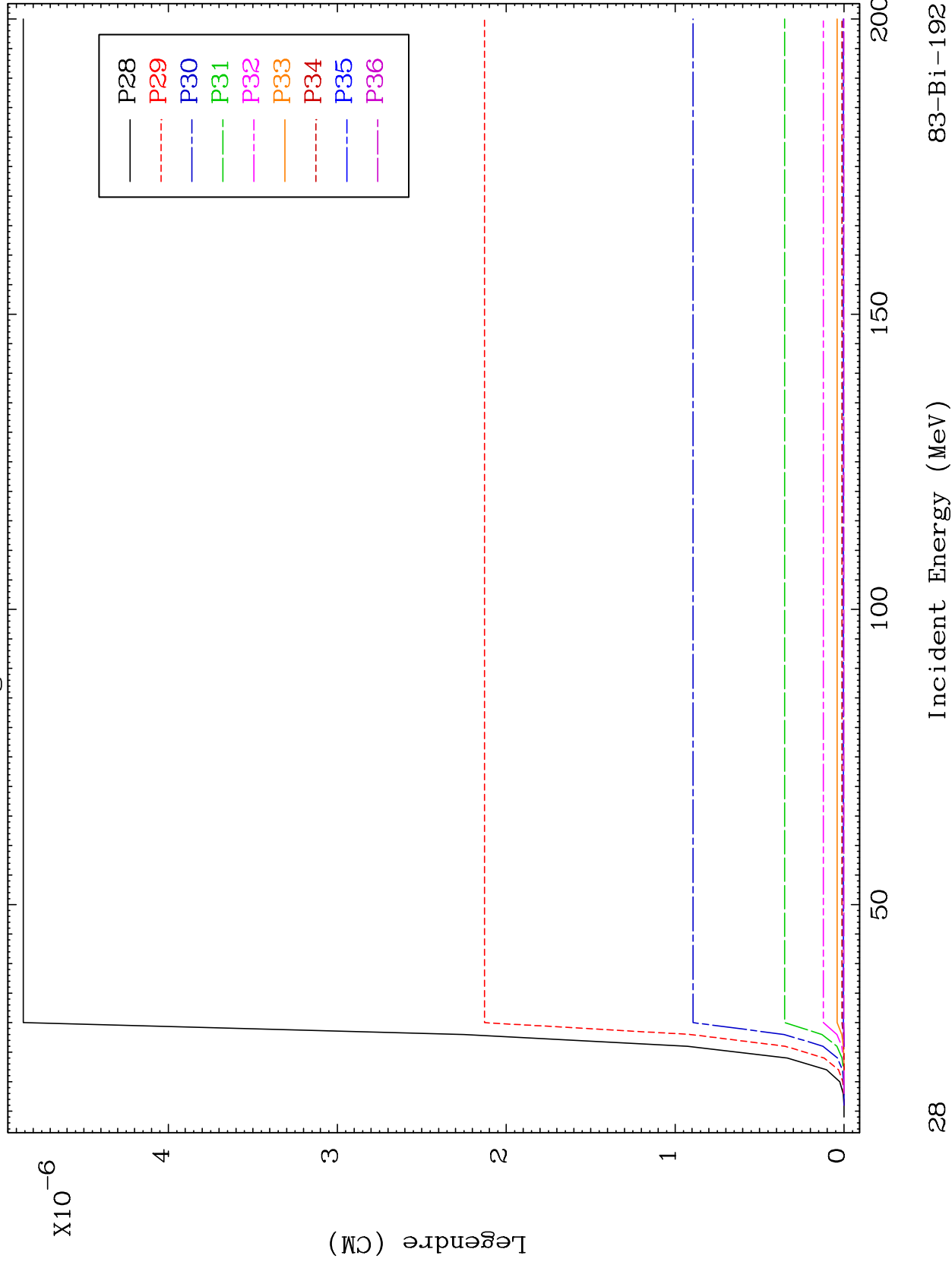
83-Bi-192



MAT 8274

215.1 keV (n,n') Level
Legendre Coefficients

83-Bi-192

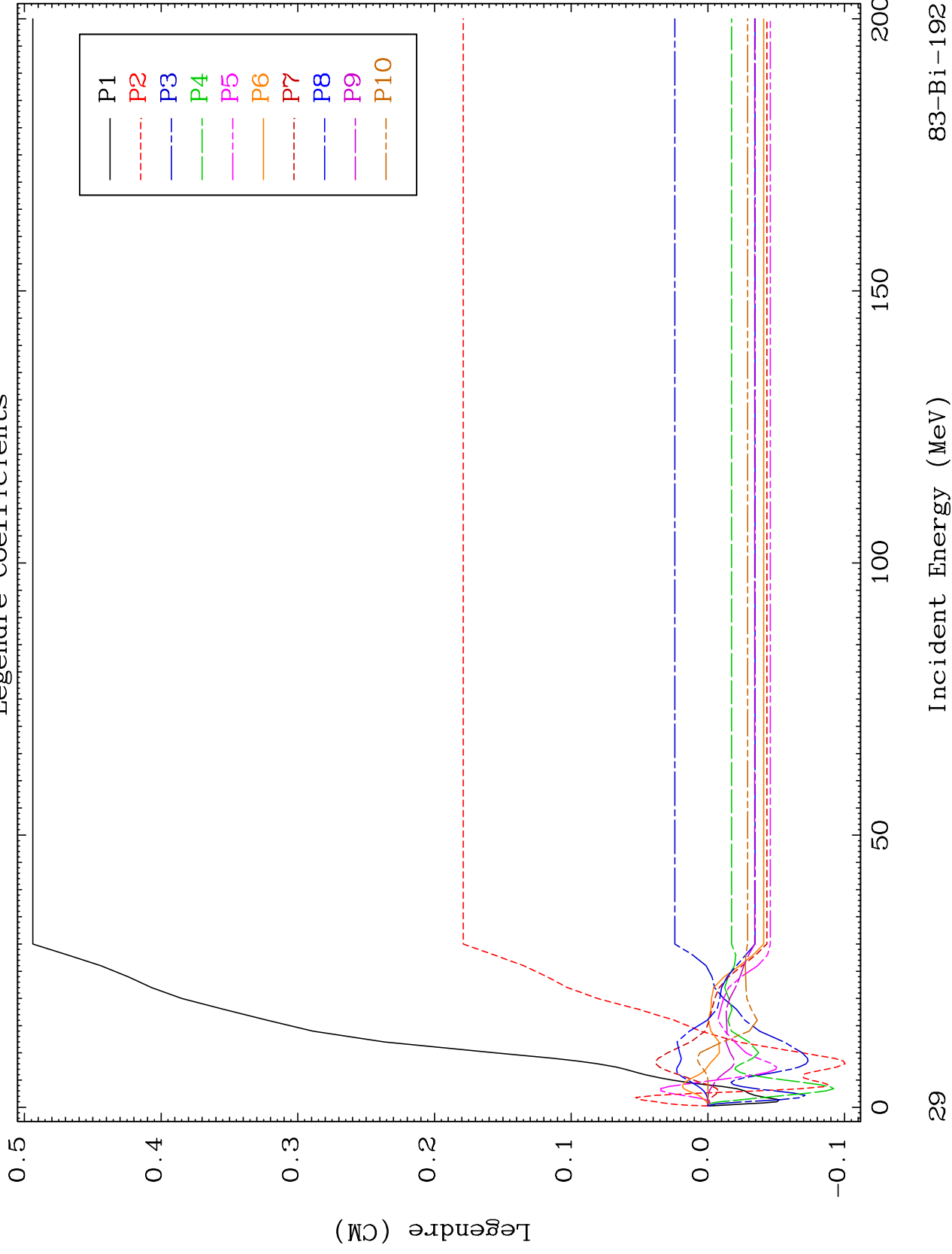


28

MAT 8274

228.8 keV (n,n') Level
Legendre Coefficients

83-Bi-192



83-Bi-192

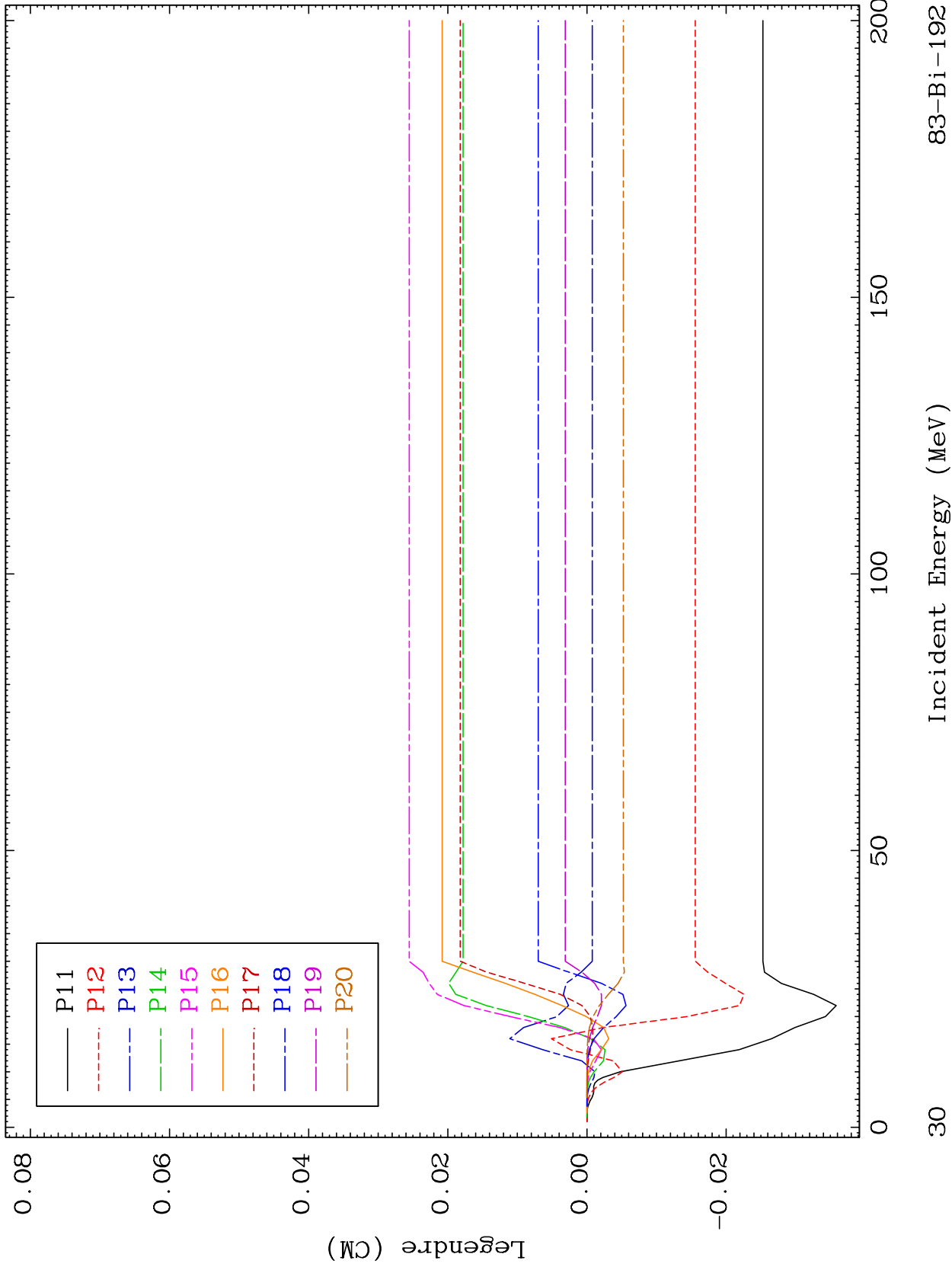
Incident Energy (MeV)

29

MAT 8274

228.8 keV (n,n') Level
Legendre Coefficients

83-Bi-192

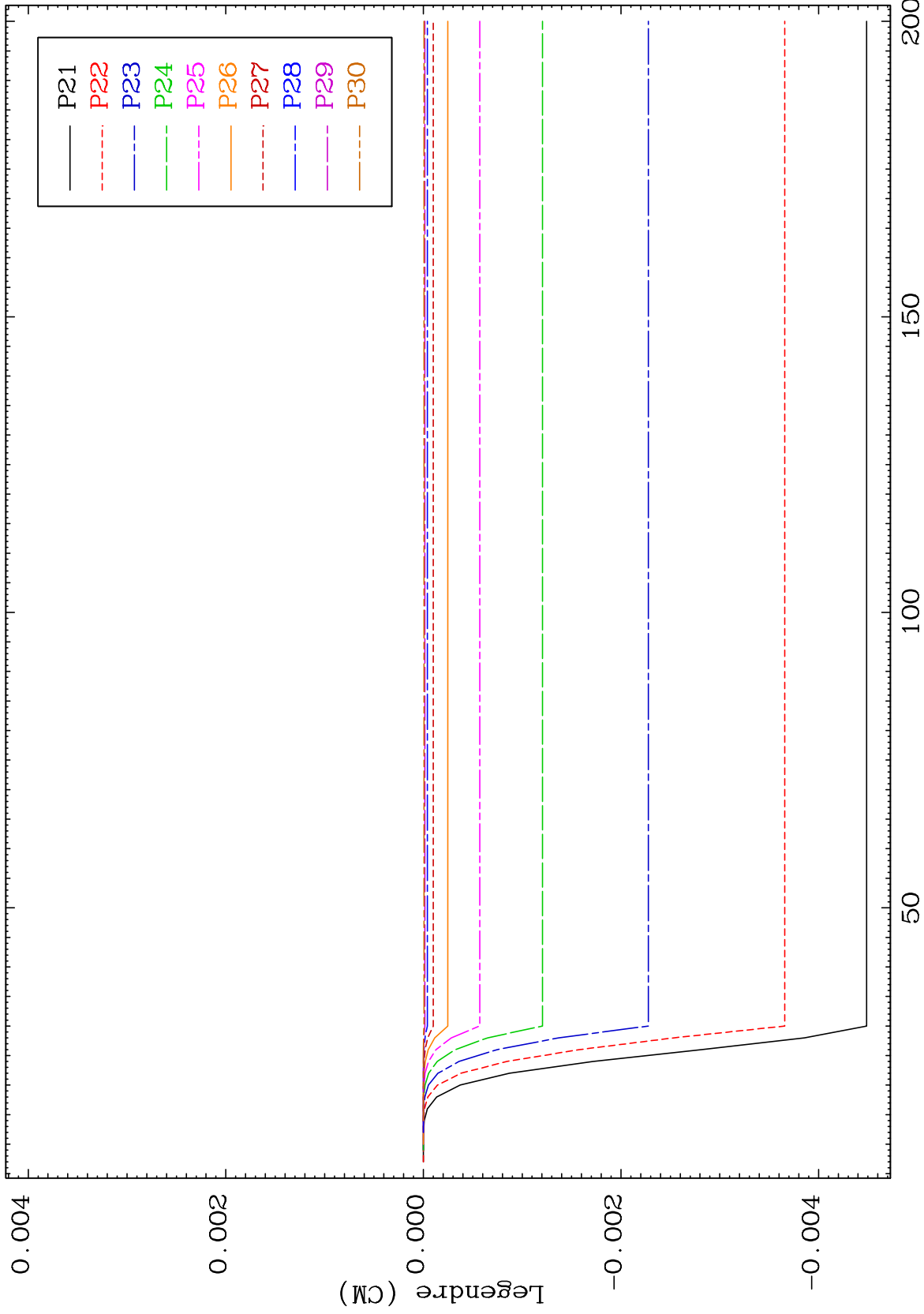


83-Bi-192

MAT 8274

228.8 keV (n,n') Level
Legendre Coefficients

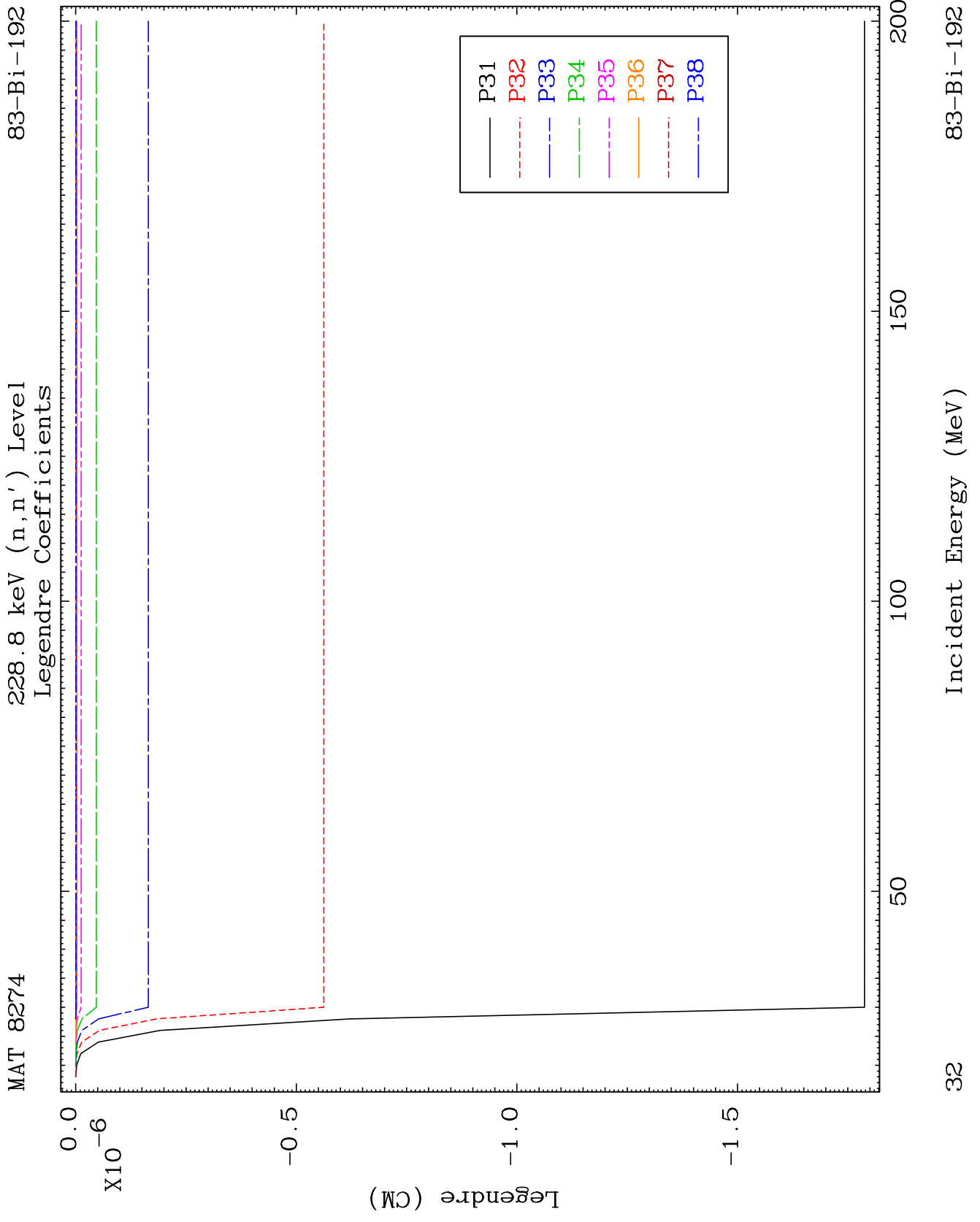
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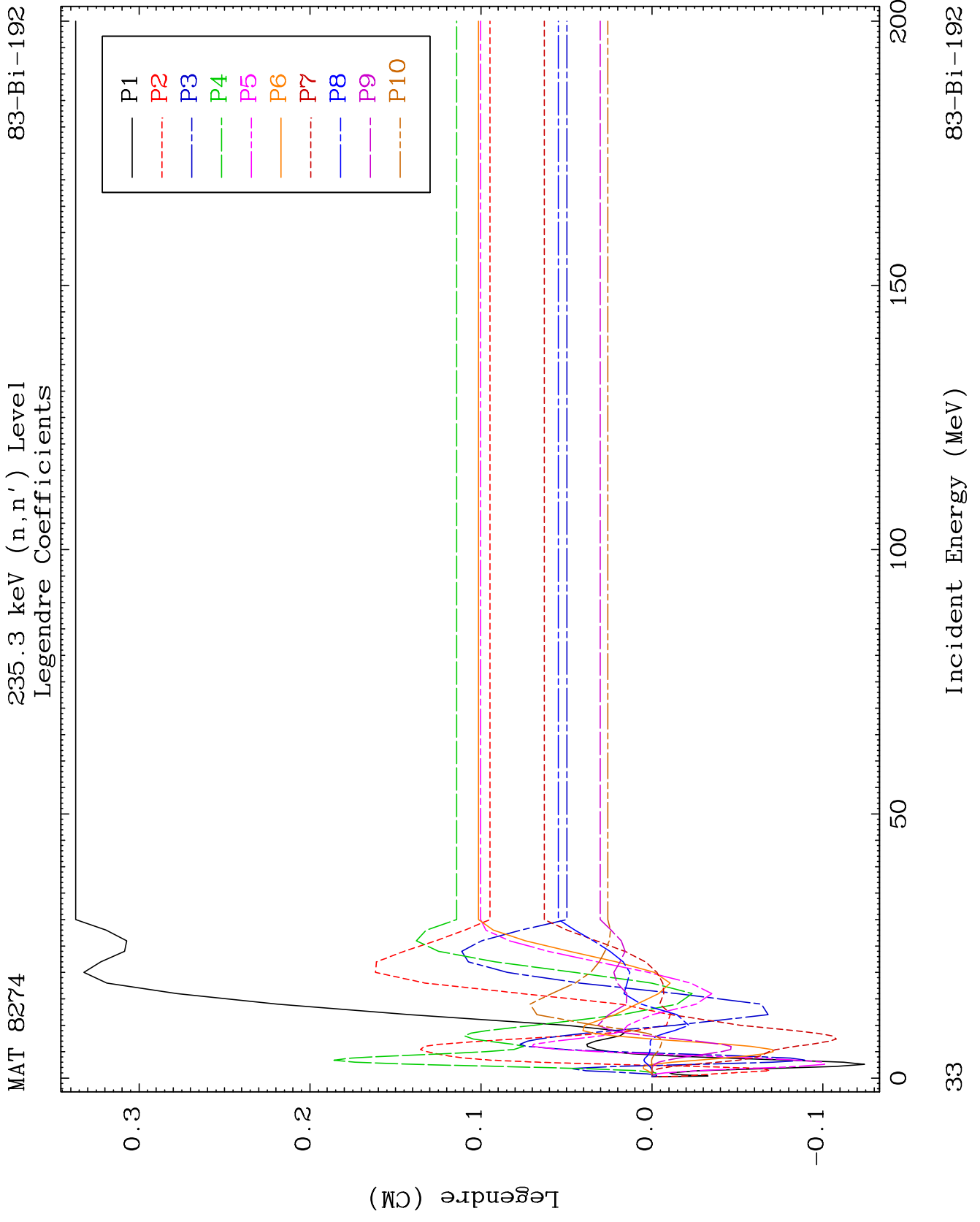


31

Incident Energy (MeV)

83-Bi-192

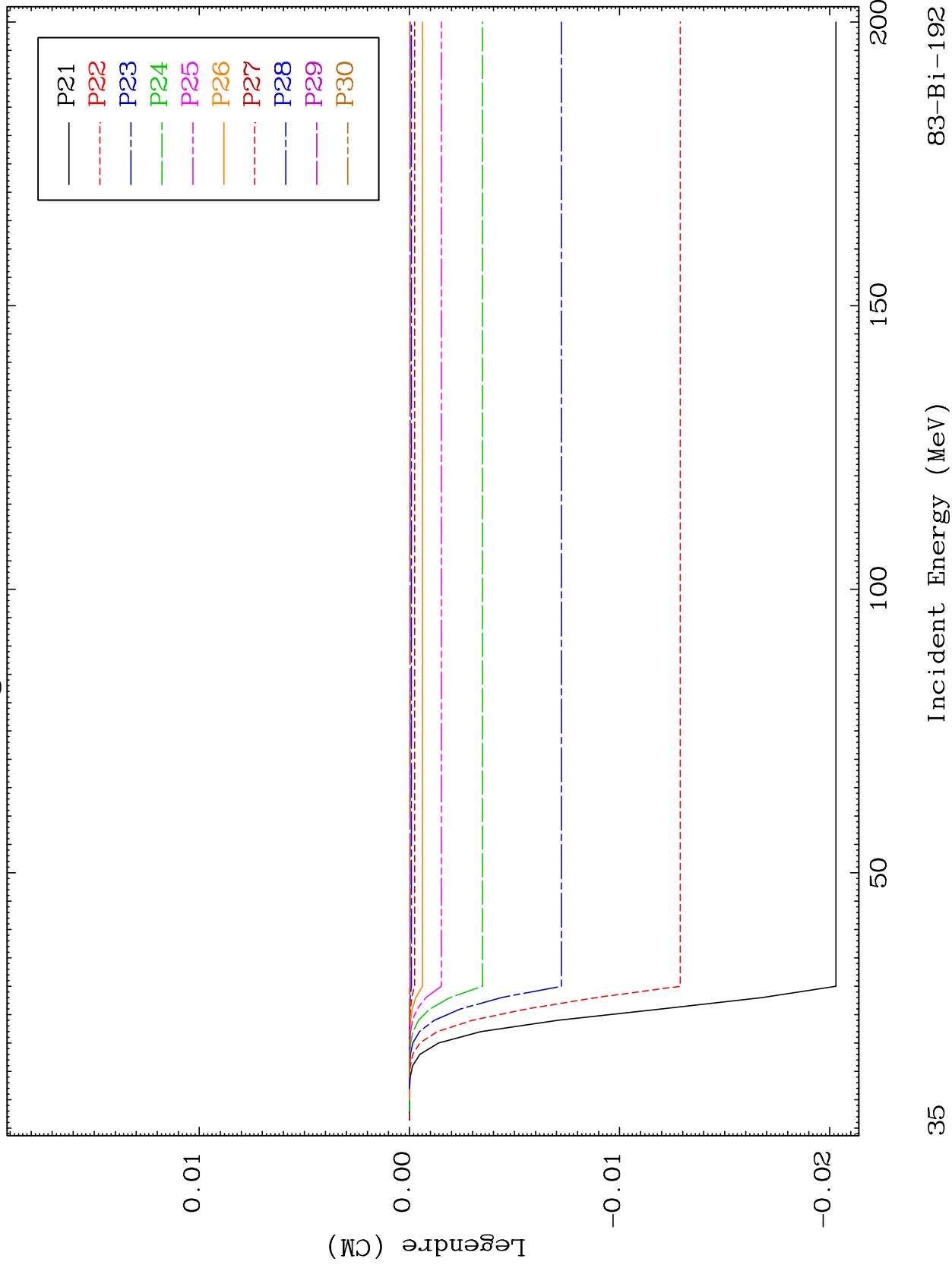




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235.3 keV (n,n') Level
Legendre Coefficients

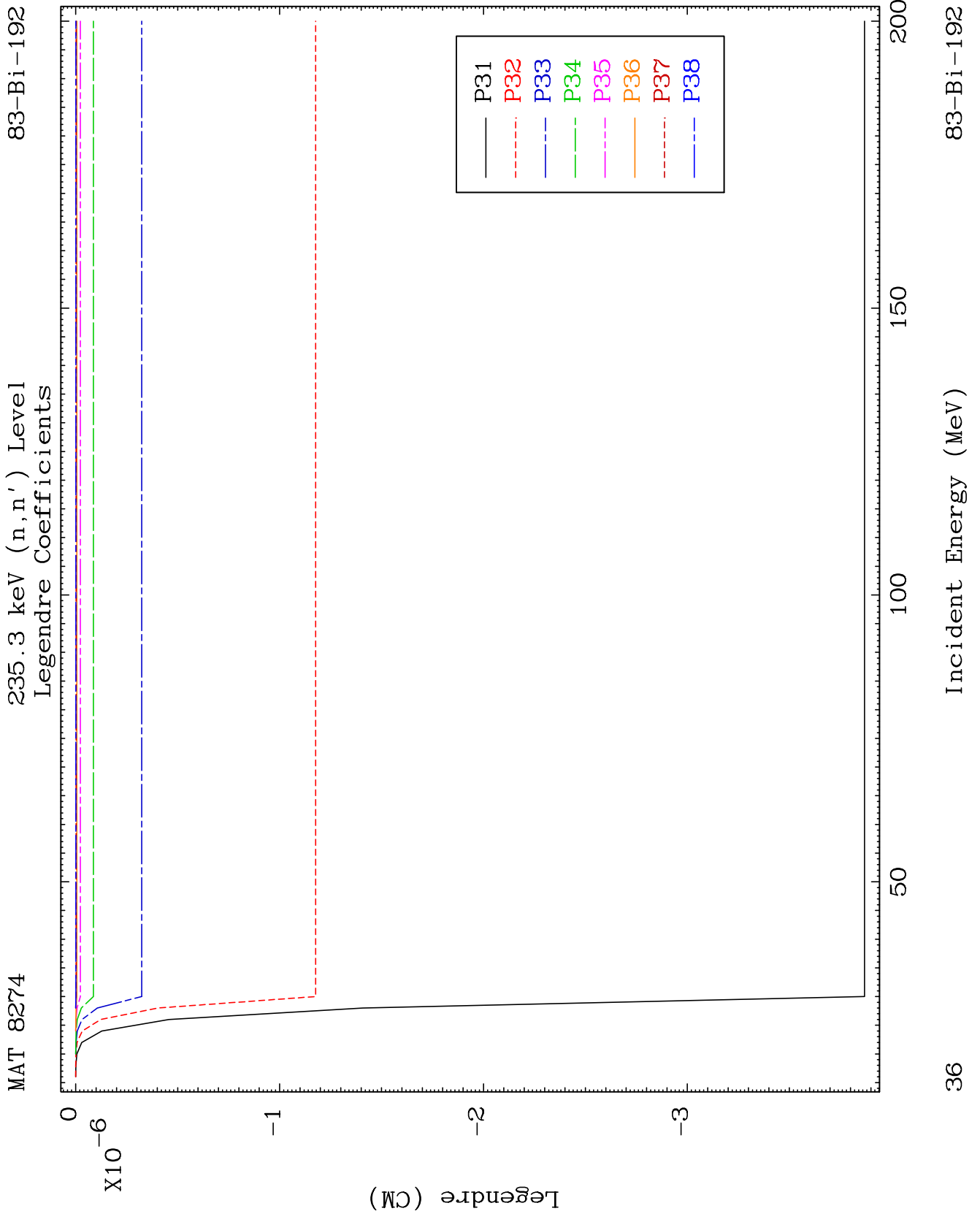
83-Bi-192



35

Incident Energy (MeV)

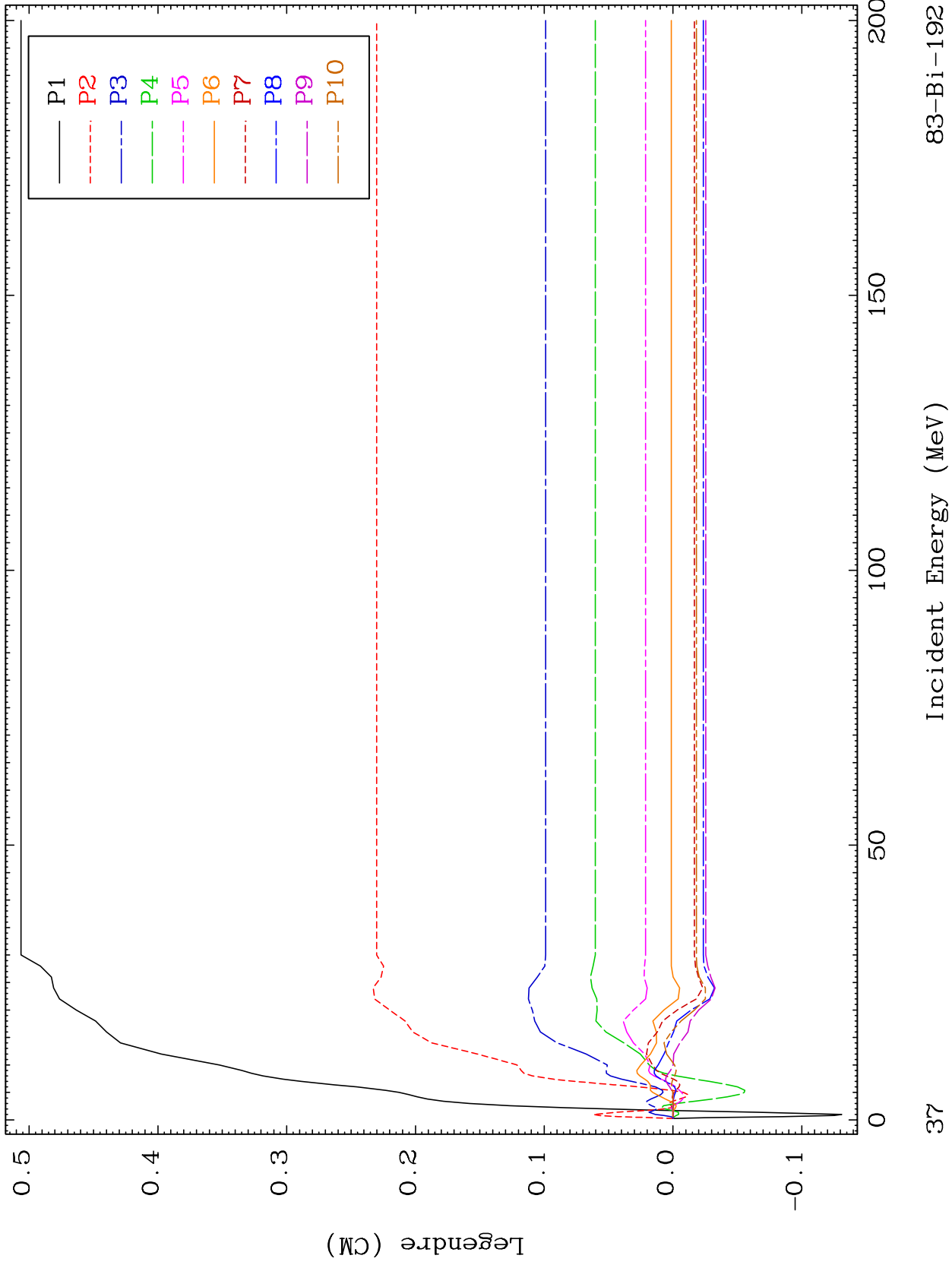
83-Bi-192



MAT 8274

248.8 keV (n,n') Level
Legendre Coefficients

83-Bi-192



83-Bi-192

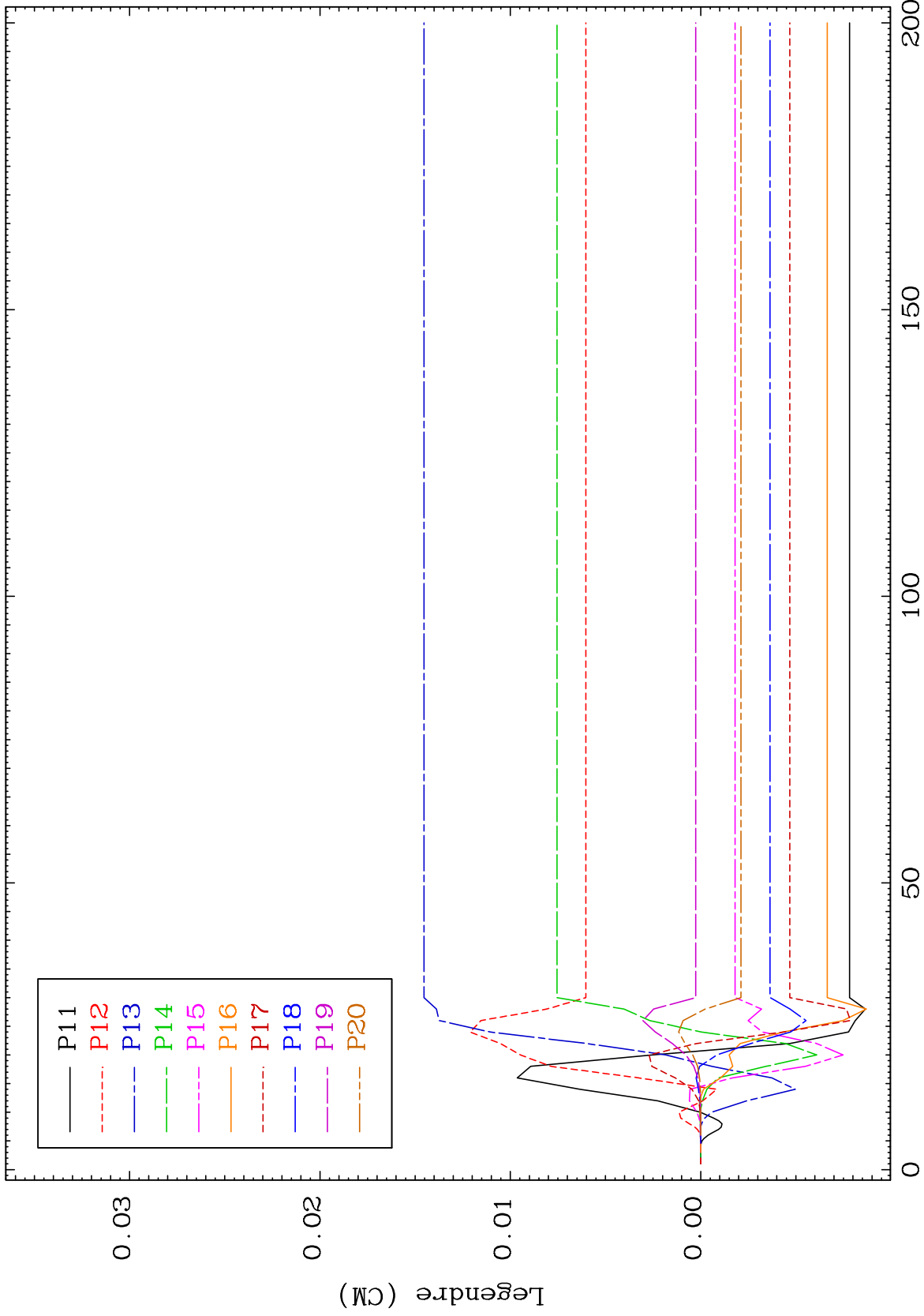
Incident Energy (MeV)

37

MAT 8274

248.8 keV (n,n') Level
Legendre Coefficients

83-Bi-192



38

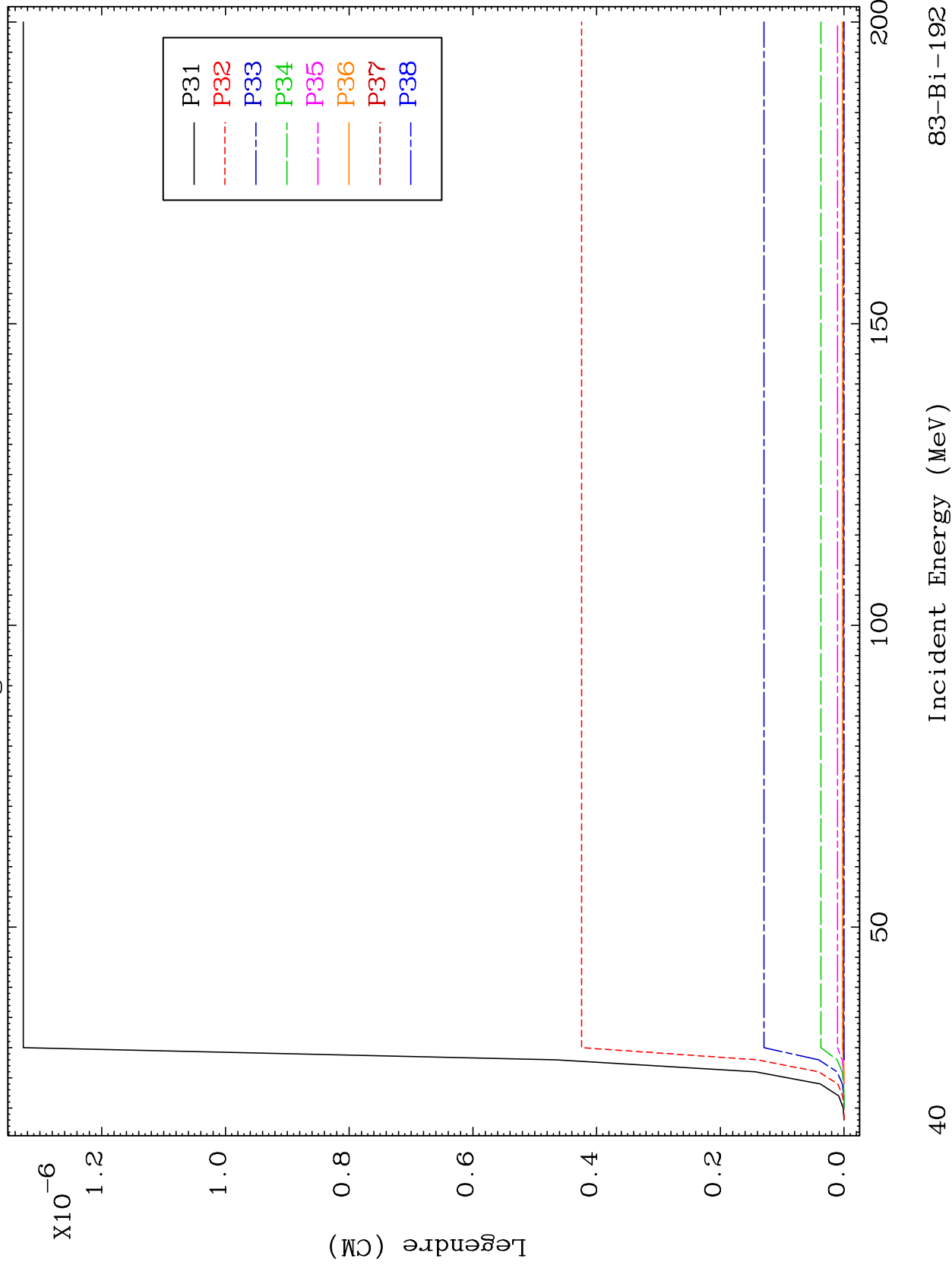
Incident Energy (MeV)

83-Bi-192

MAT 8274

248.8 keV (n,n') Level
Legendre Coefficients

83-Bi-192



83-Bi-192

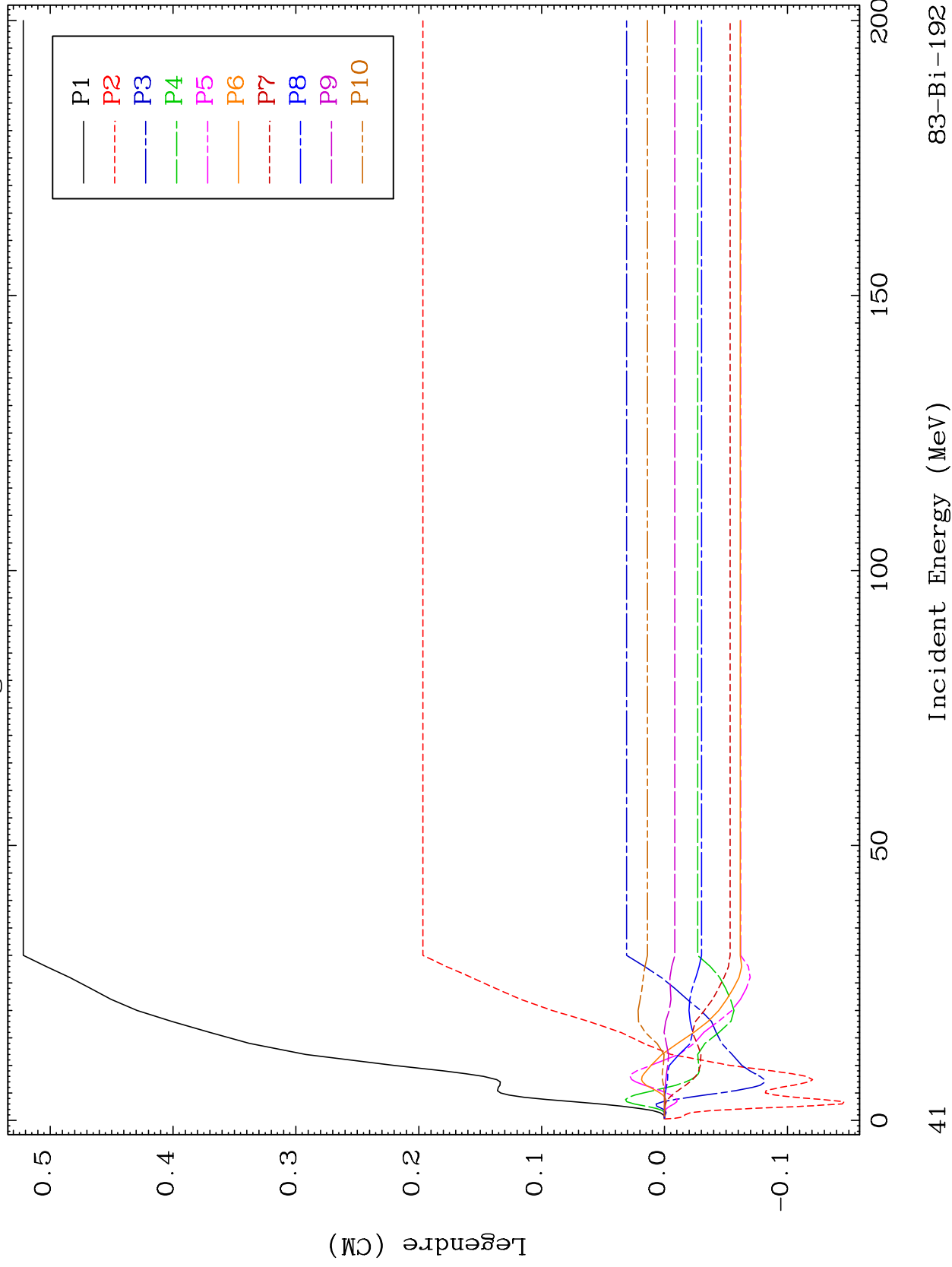
Incident Energy (MeV)

40

MAT 8274

252.6 keV (n,n') Level
Legendre Coefficients

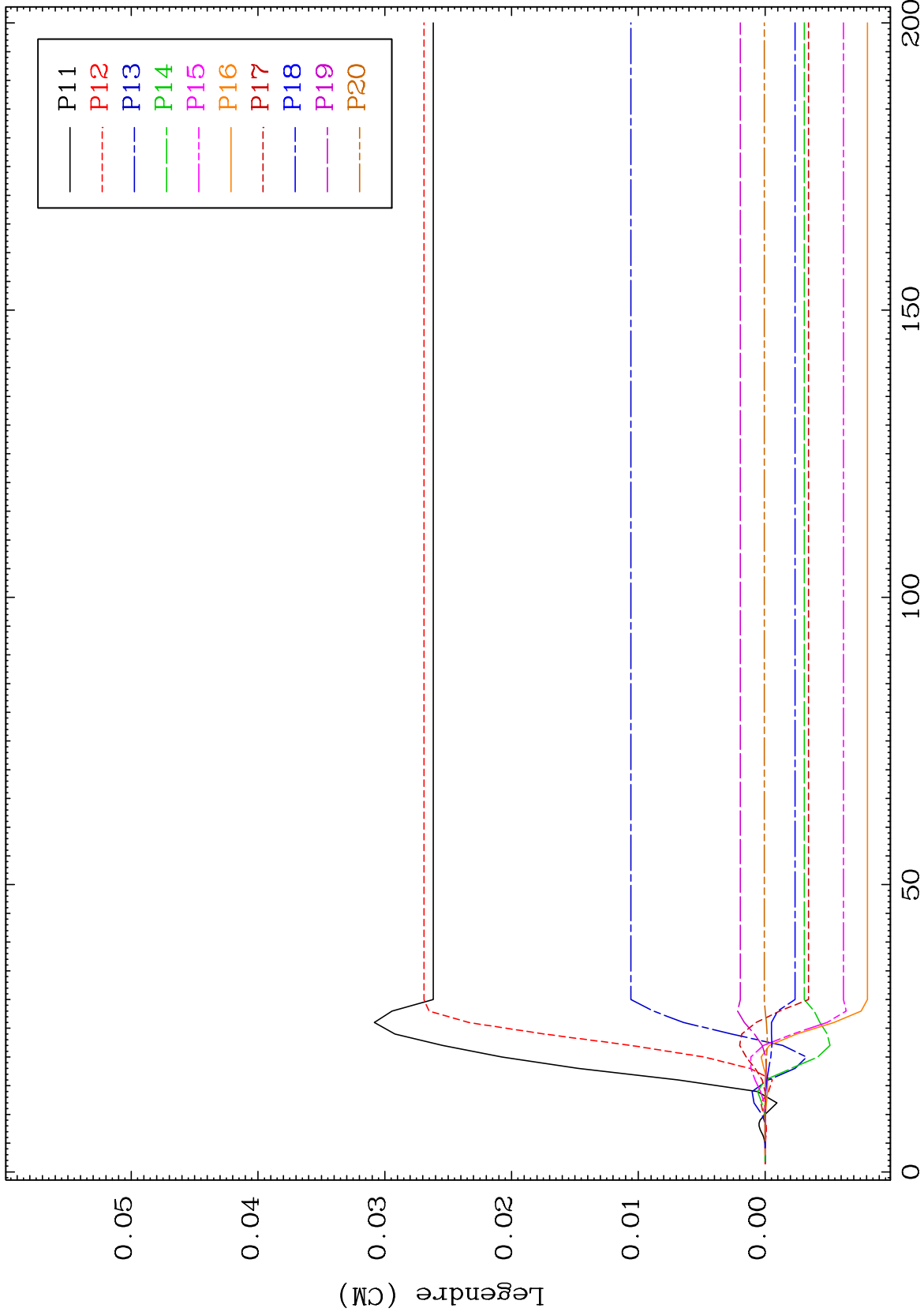
83-Bi-192



MAT 8274

252.6 keV (n,n') Level
Legendre Coefficients

83-Bi-192



42

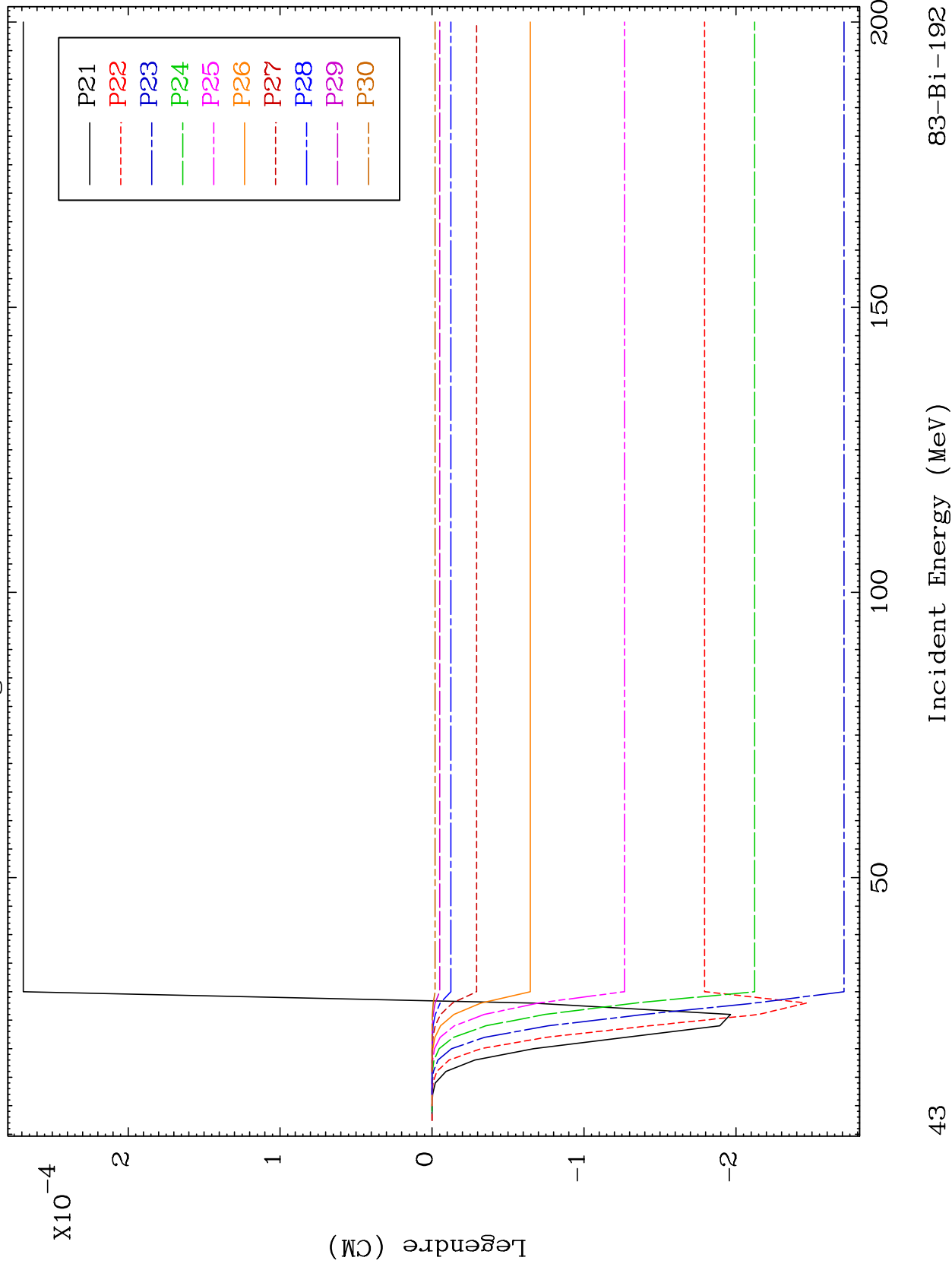
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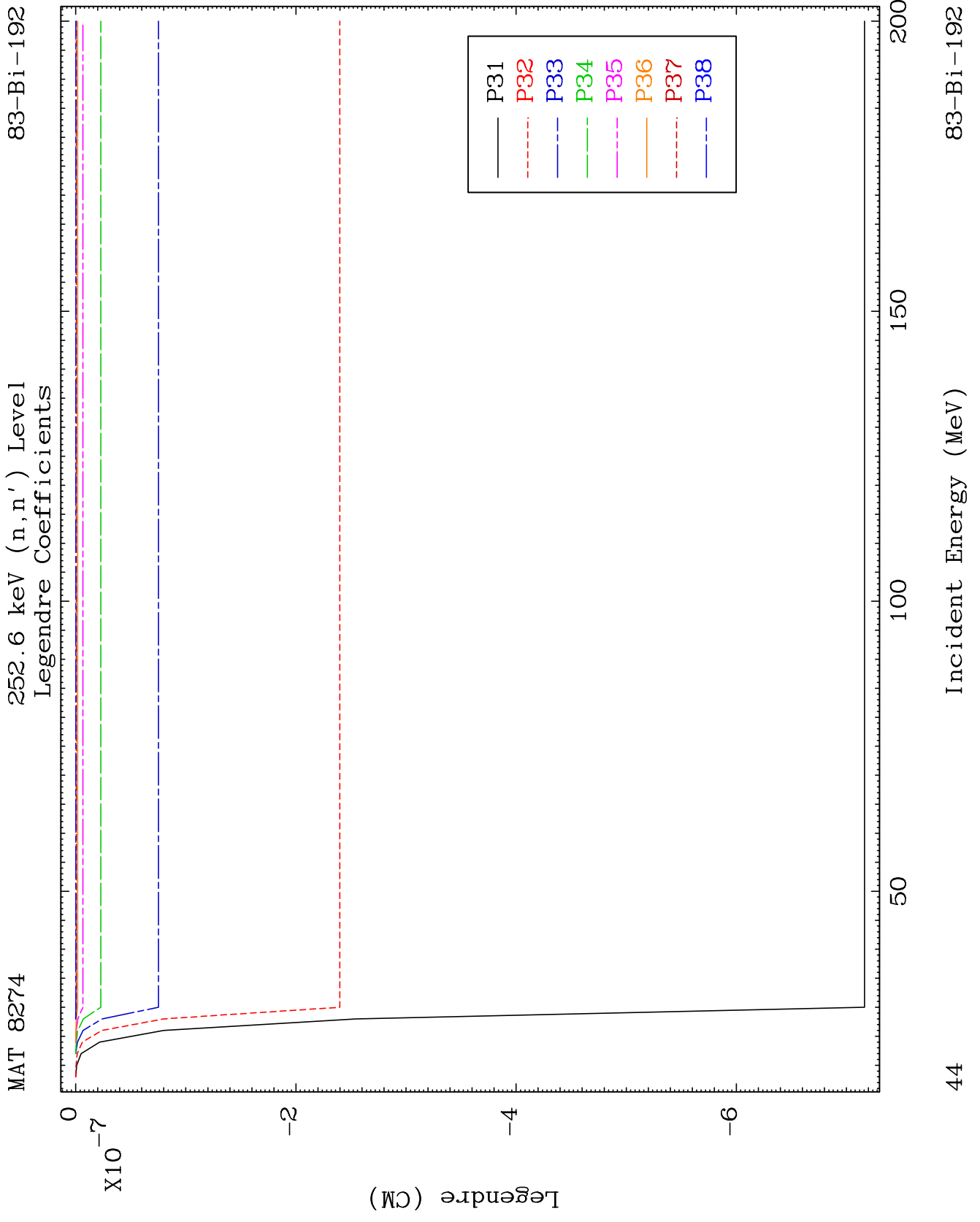
83-Bi-192

MAT 8274

252.6 keV (n,n') Level
Legendre Coefficients

83-Bi-192

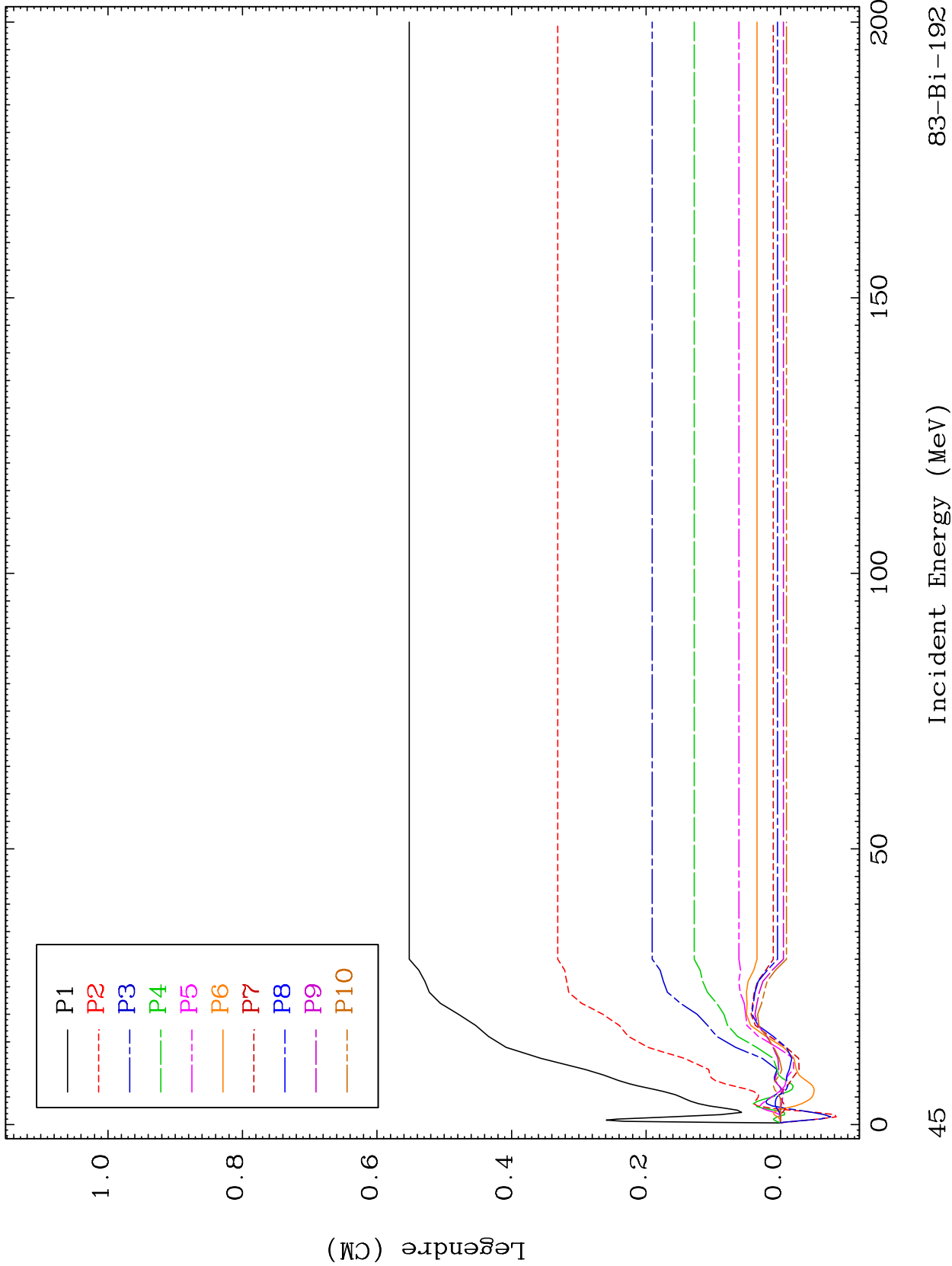




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276.7 keV (n,n') Level
Legendre Coefficients

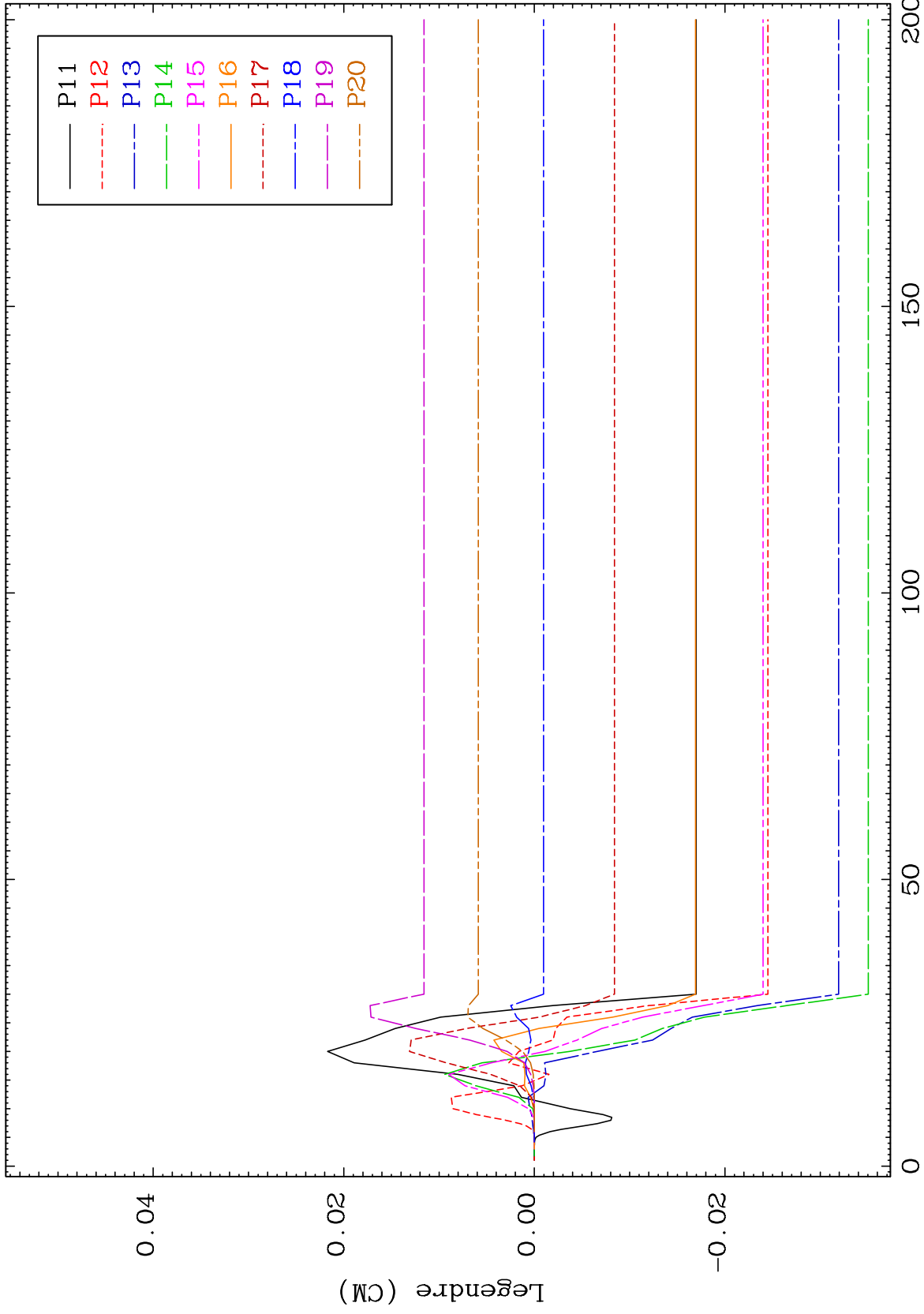
83-Bi-192



MAT 8274

276.7 keV (n,n') Level
Legendre Coefficients

83-Bi-192



46

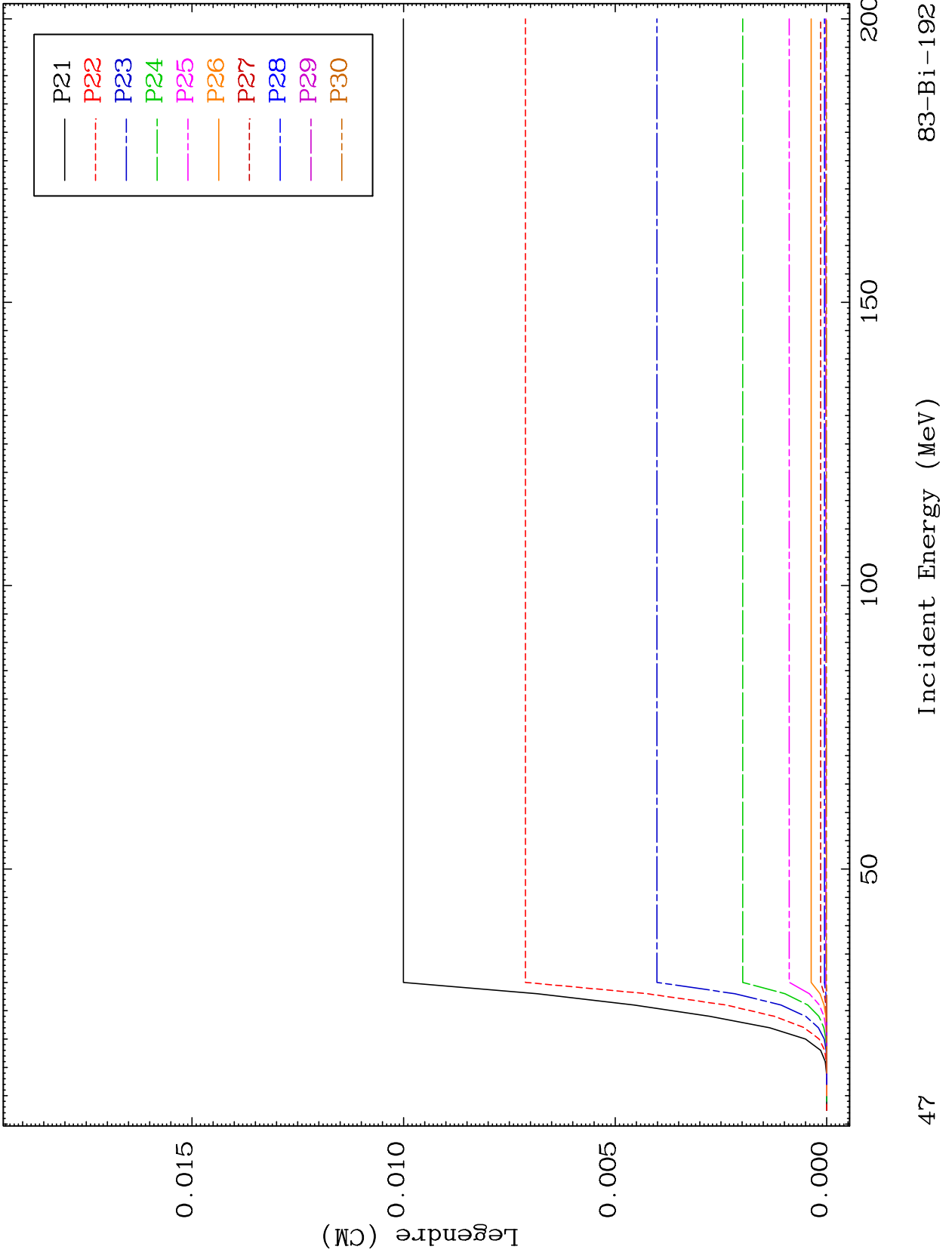
Incident Energy (MeV)

83-Bi-192

MAT 8274

276.7 keV (n,n') Level
Legendre Coefficients

83-Bi-192



47

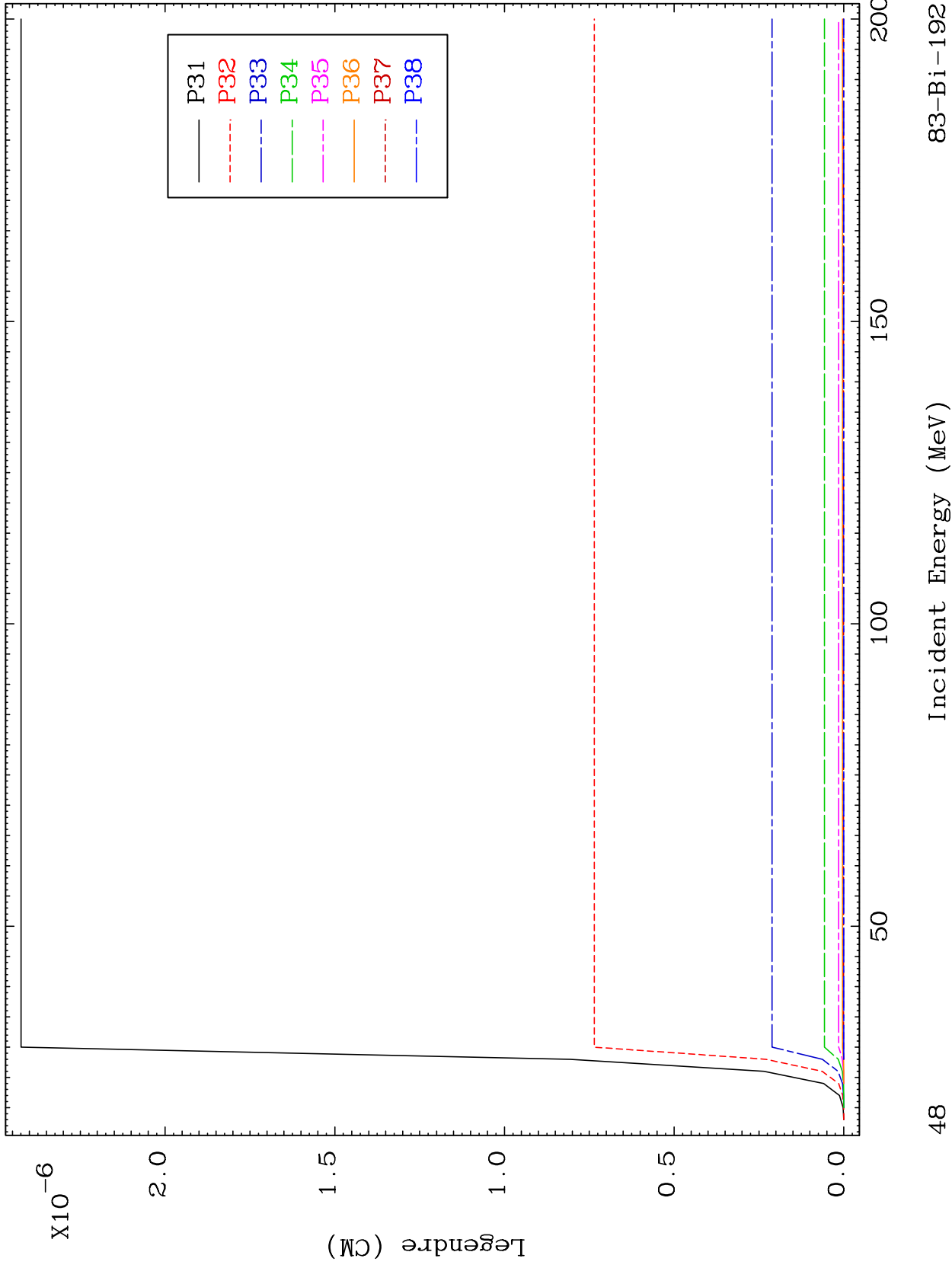
Incident Energy (MeV)

83-Bi-192

MAT 8274

276.7 keV (n,n') Level
Legendre Coefficients

83-Bi-192



48

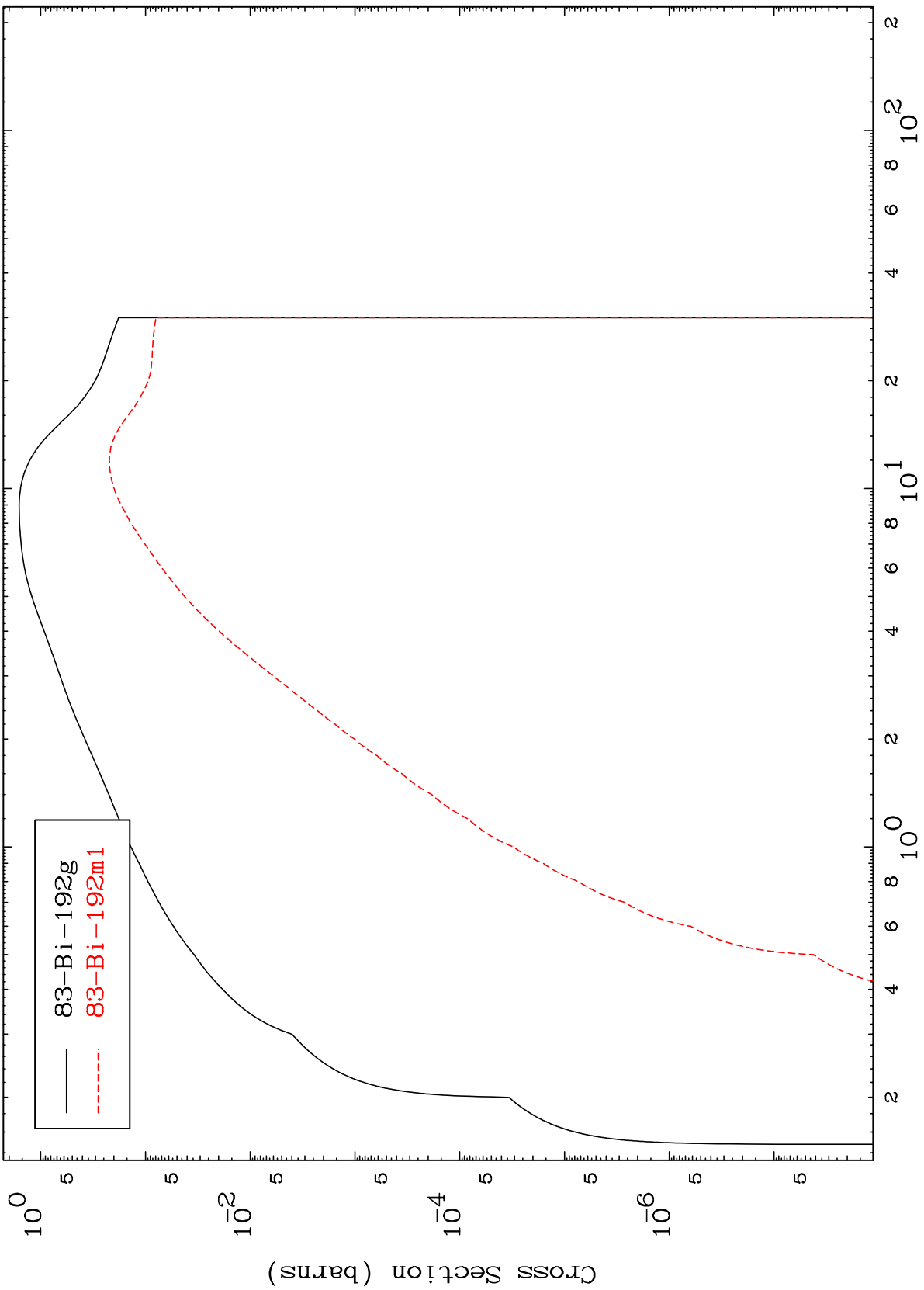
Incident Energy (MeV)

83-Bi-192

MAT 8274

83-Bi-192

Inelastic
Radionuclide Production Cross Section

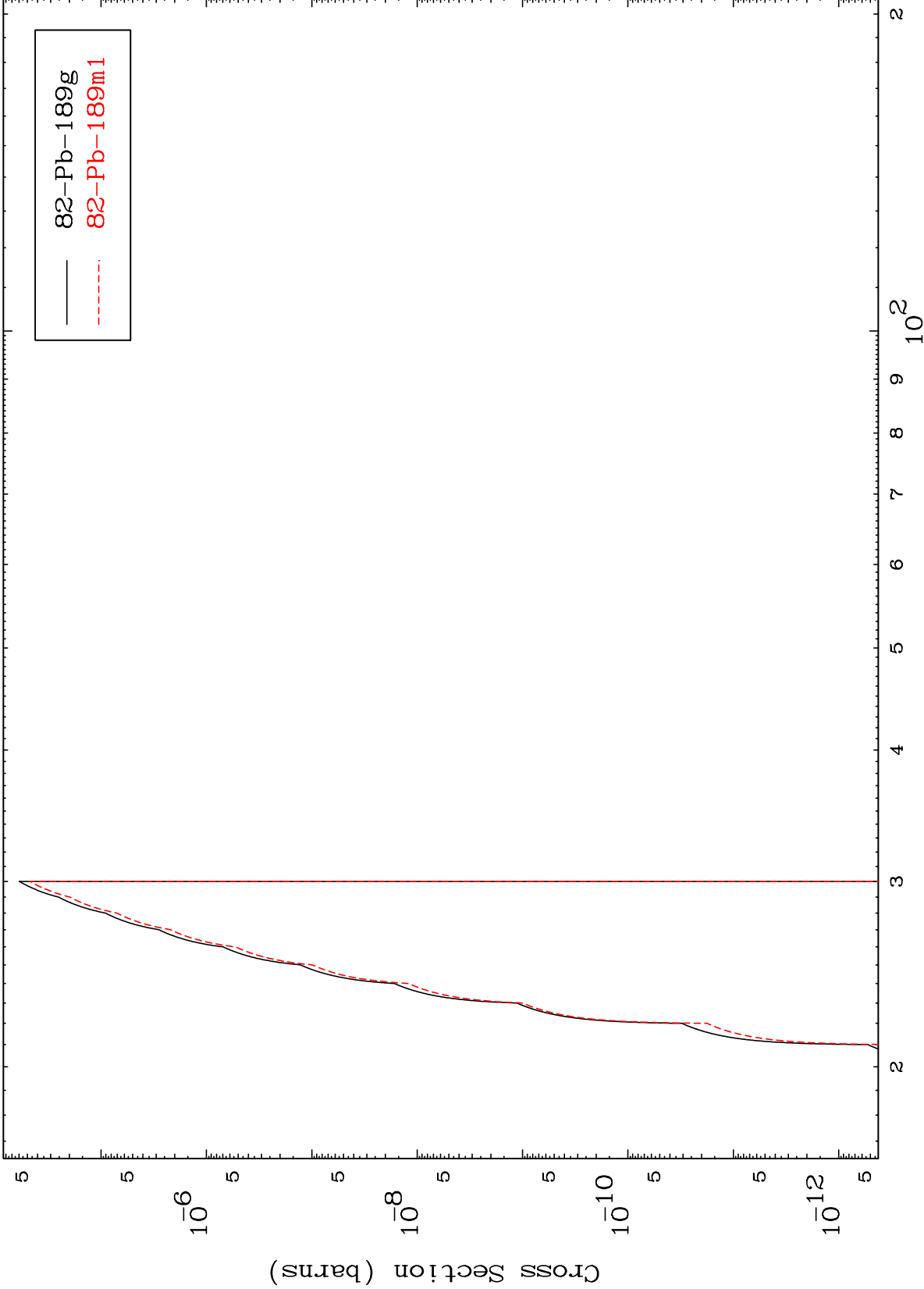


MAT 8274

(n,2n) d

83-Bi-192

Radionuclide Production Cross Section



50

Incident Energy (MeV)

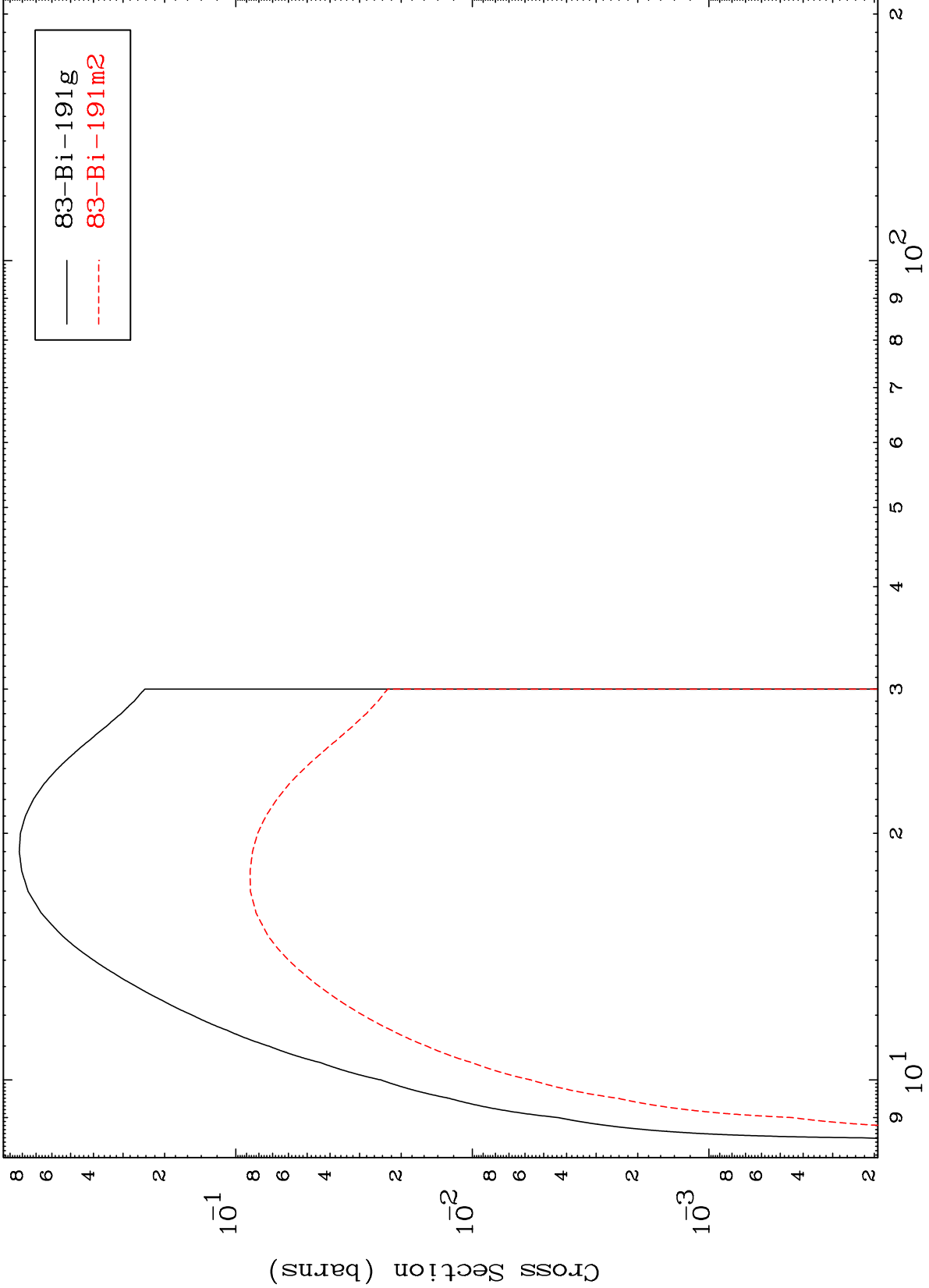
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MAT 8274

(n,2n)

83-Bi-192

Radionuclide Production Cross Section



83-Bi-191 g
83-Bi-191 m2

51

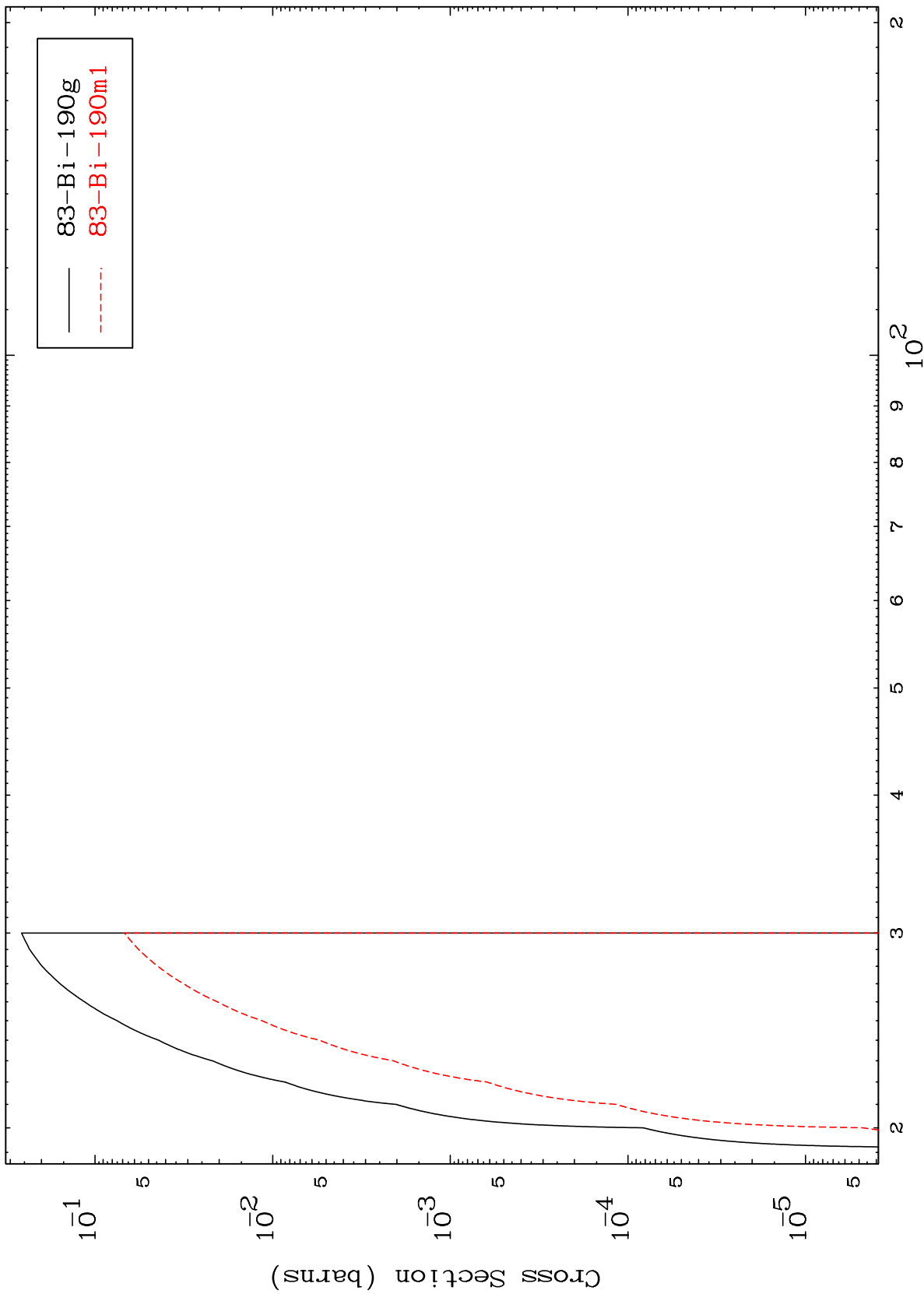
Incident Energy (MeV)

83-Bi-192

MAT 8274

83-Bi-192

(n,3n)
Radionuclide Production Cross Section



83-Bi-192

Incident Energy (MeV)

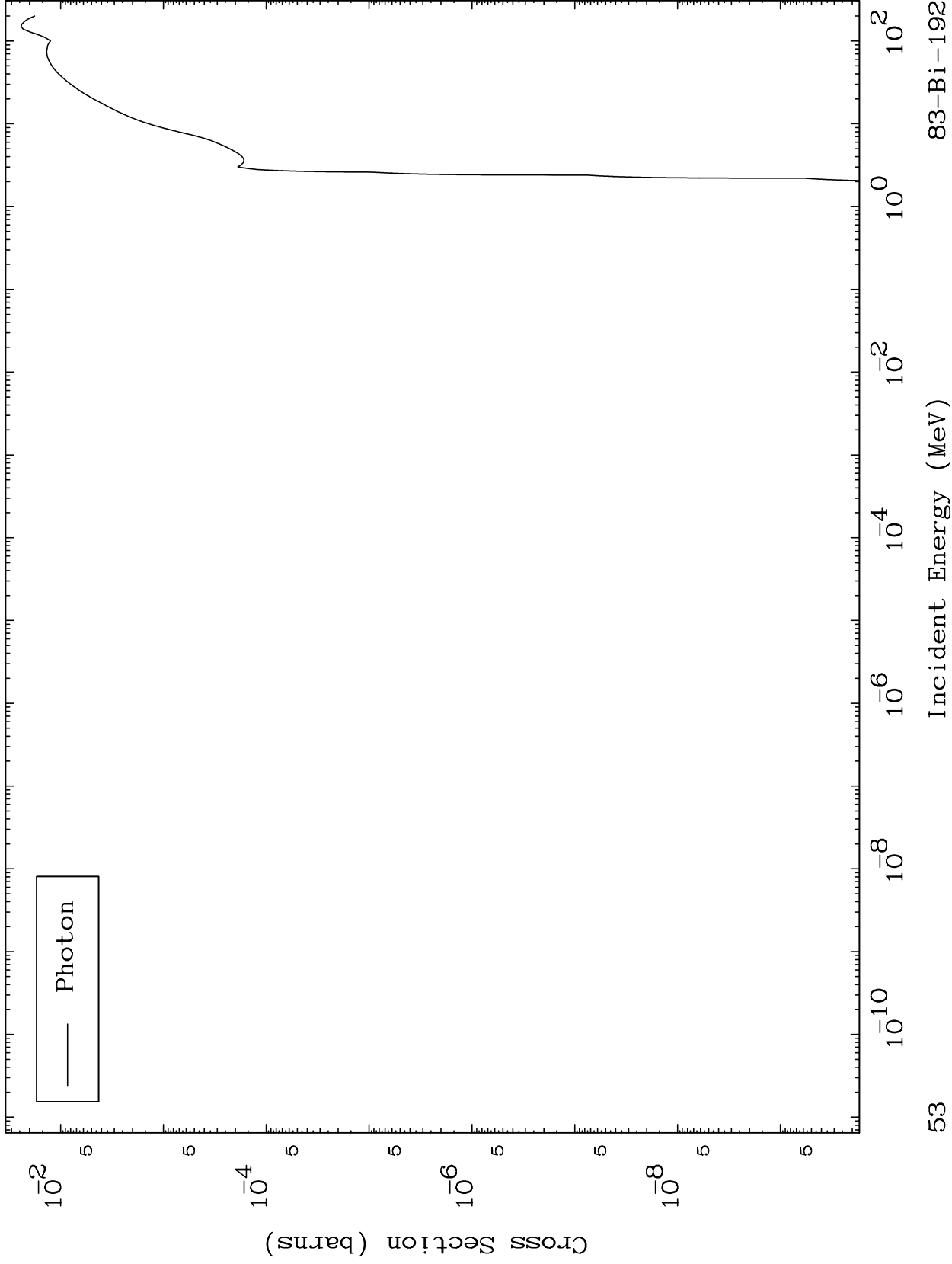
52

MAT 8274

Fission

83-Bi-192

Radionuclide Production Cross Section



53

Incident Energy (MeV)

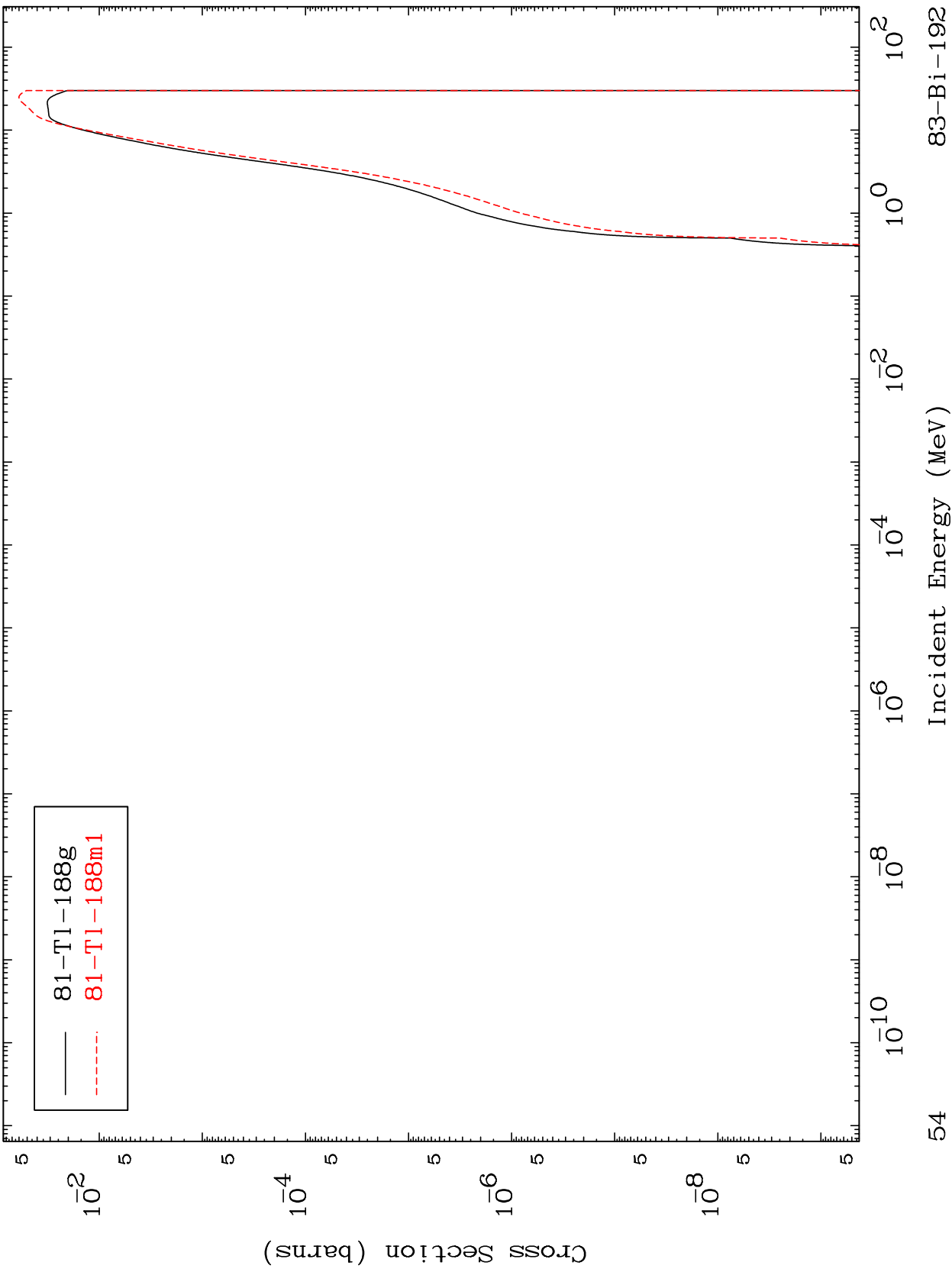
83-Bi-192

MAT 8274

$(n, n') \alpha$

83-Bi-192

Radionuclide Production Cross Section

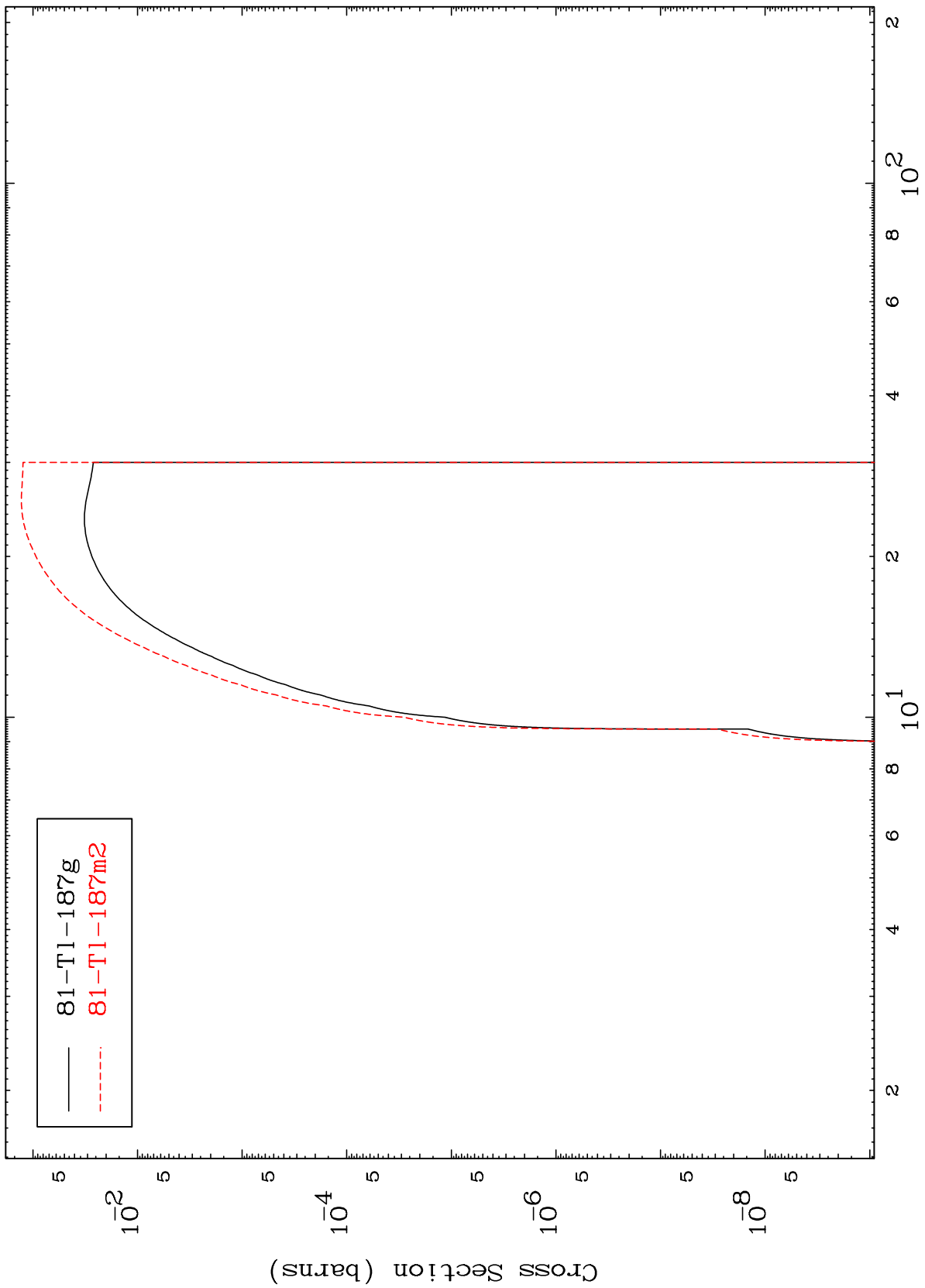


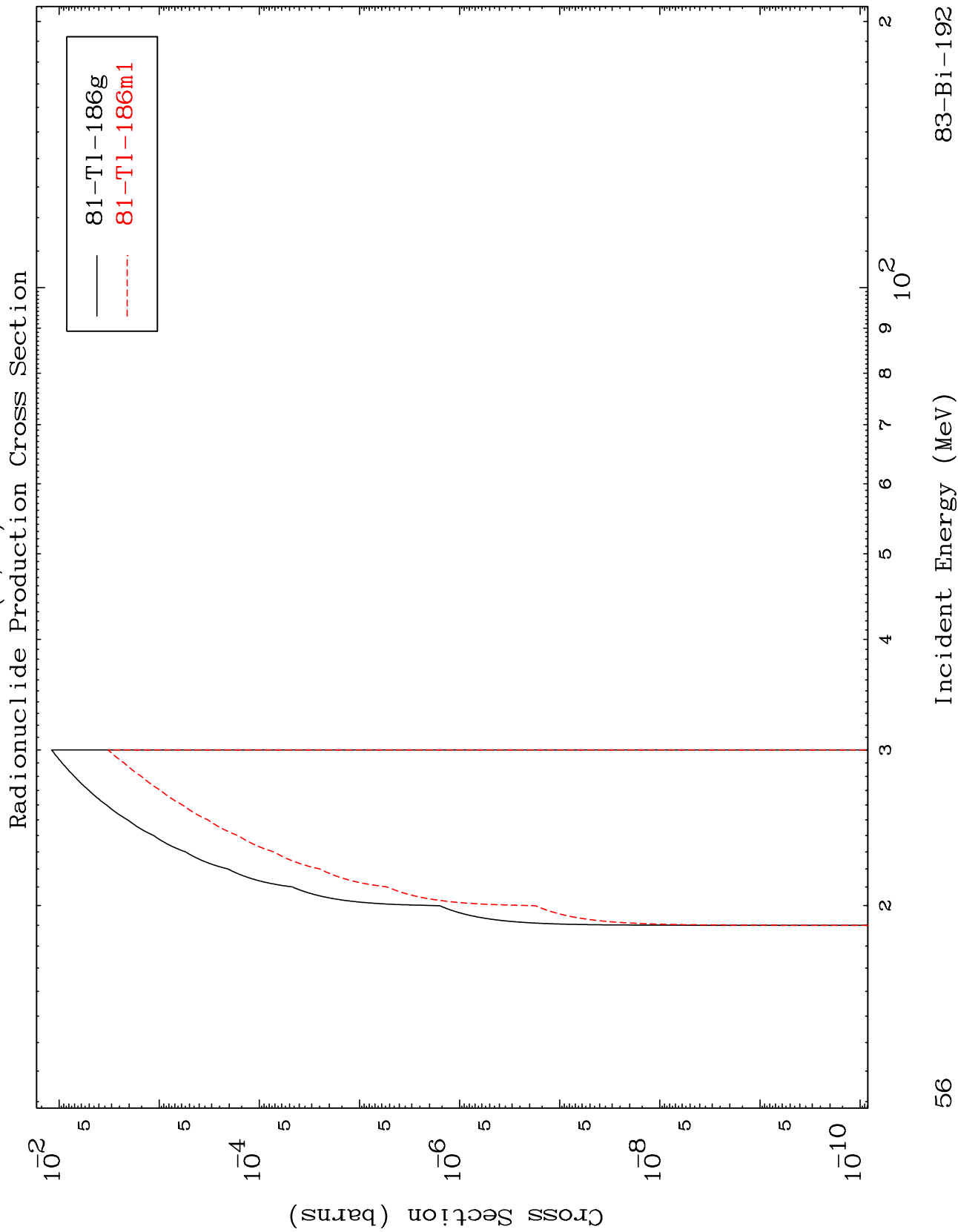
MAT 8274

(n,2n) α

83-Bi-192

Radionuclide Production Cross Section



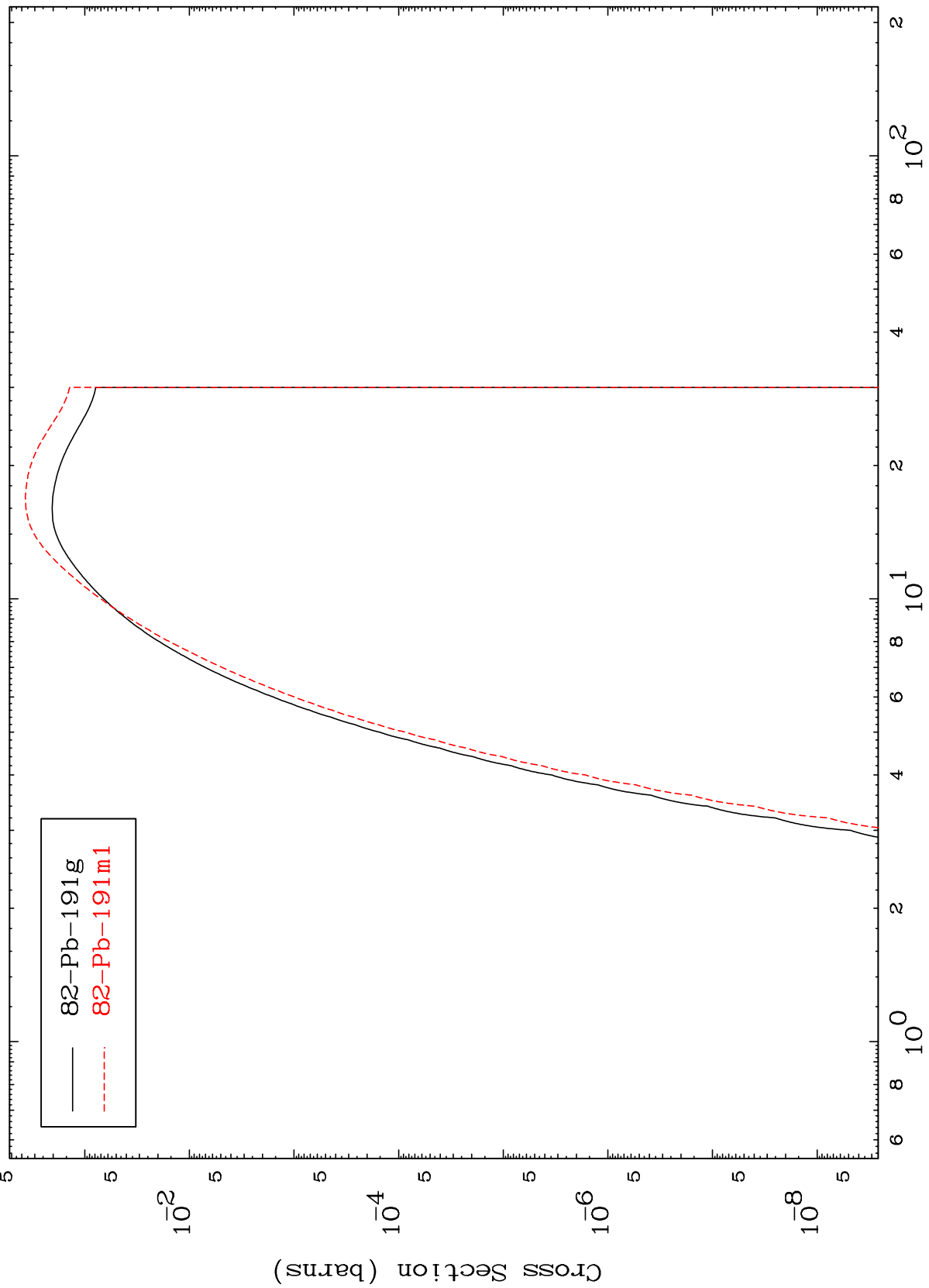


MAT 8274

(n,n') p

83-Bi-192

Radionuclide Production Cross Section



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

57

Incident Energy (MeV)

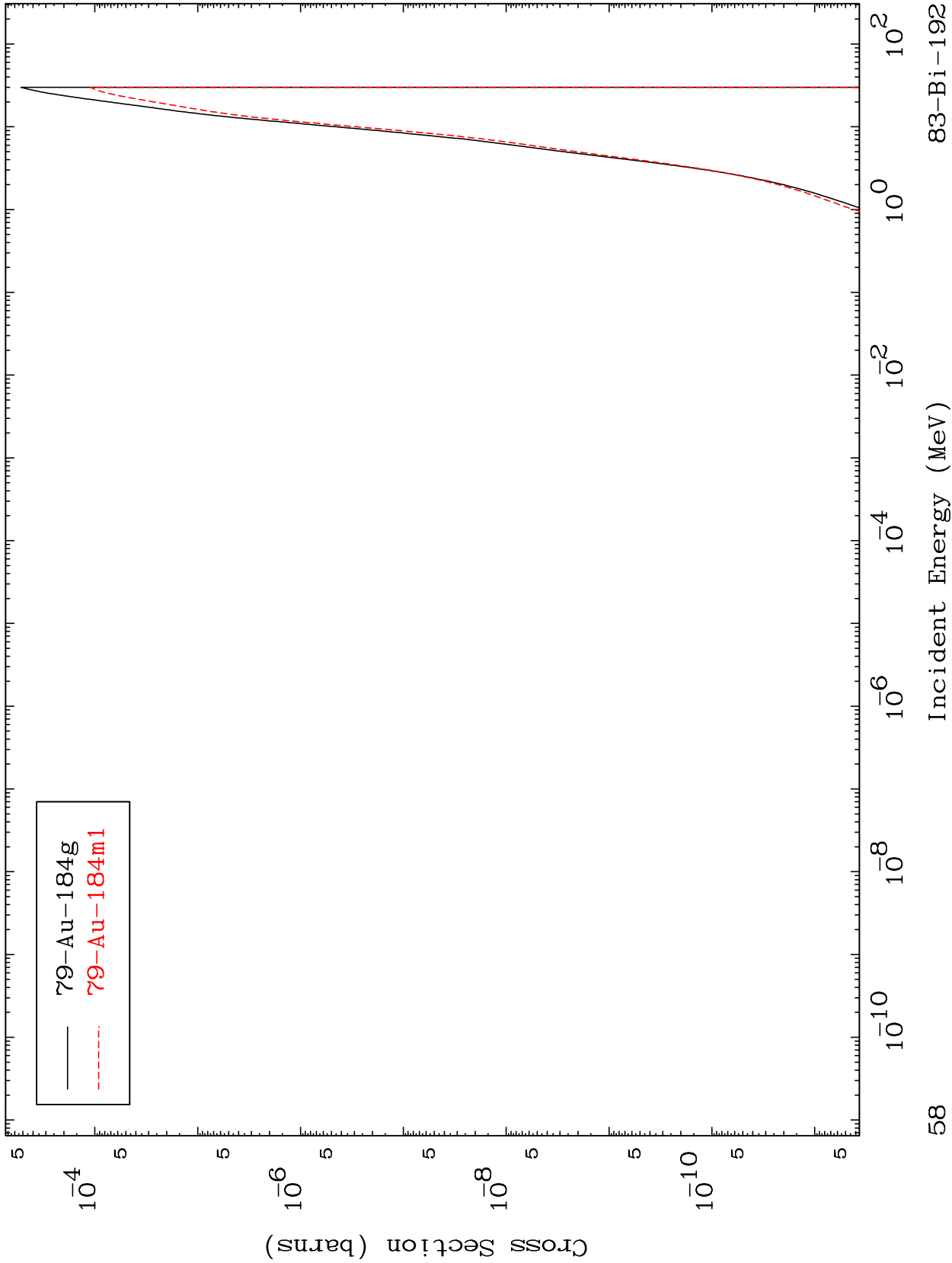
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MAT 8274

(n,n') 2 α

83-Bi-192

Radionuclide Production Cross Section



58

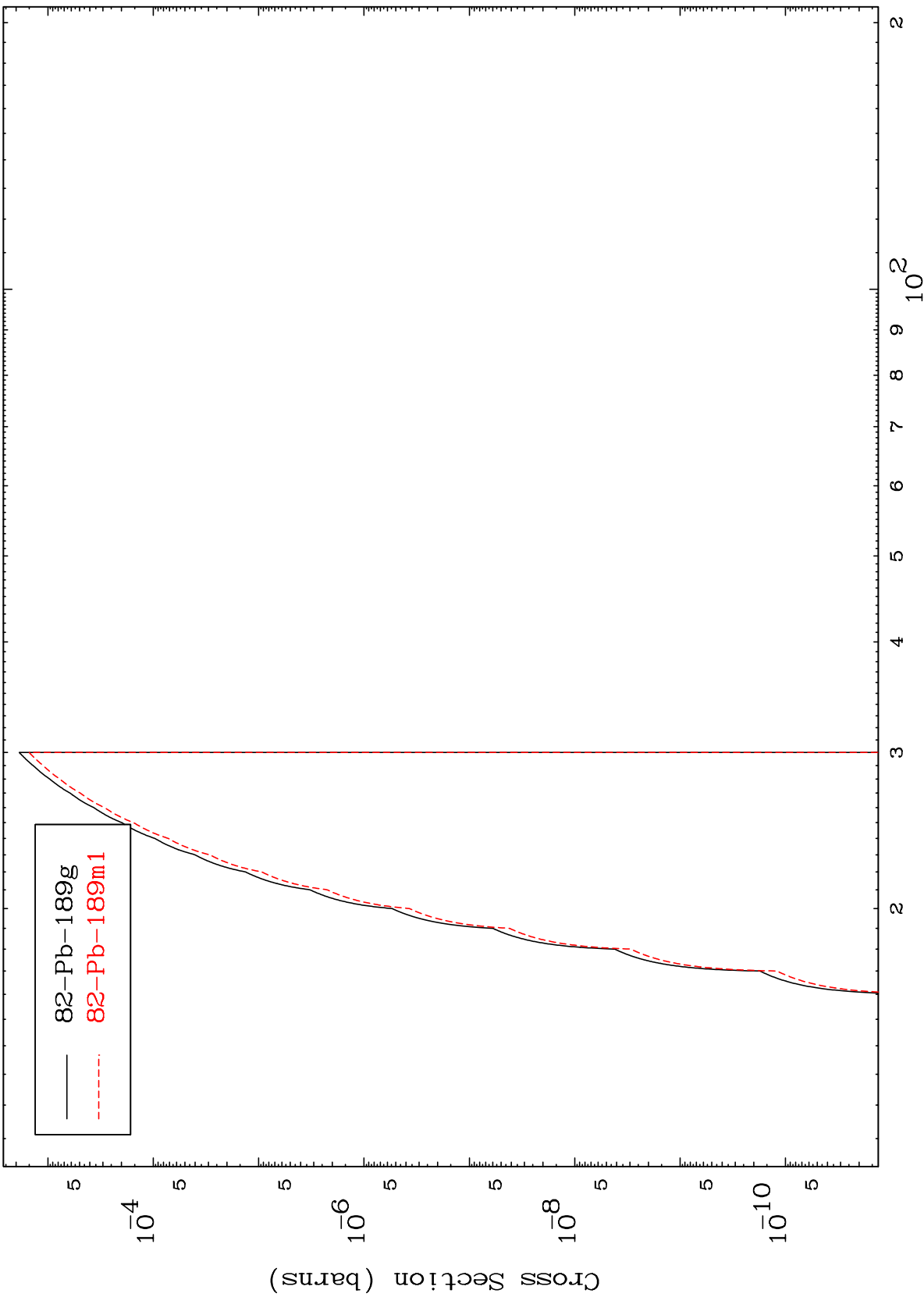
83-Bi-192

MAT 8274

(n,n') t

83-Bi-192

Radionuclide Production Cross Section



59

Incident Energy (MeV)

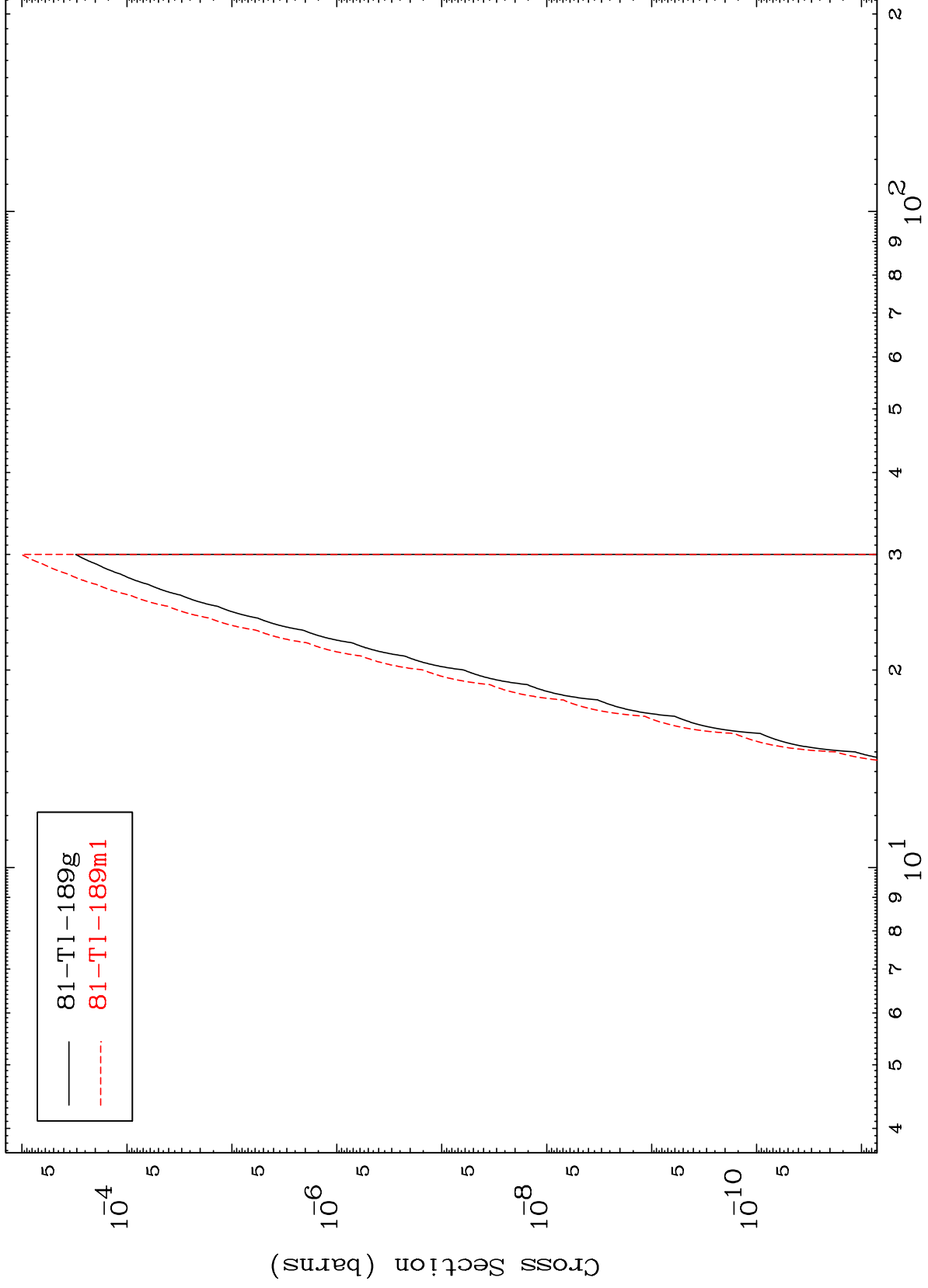
83-Bi-192

MAT 8274

(n,n') He-3

83-Bi-192

Radionuclide Production Cross Section



60

Incident Energy (MeV)

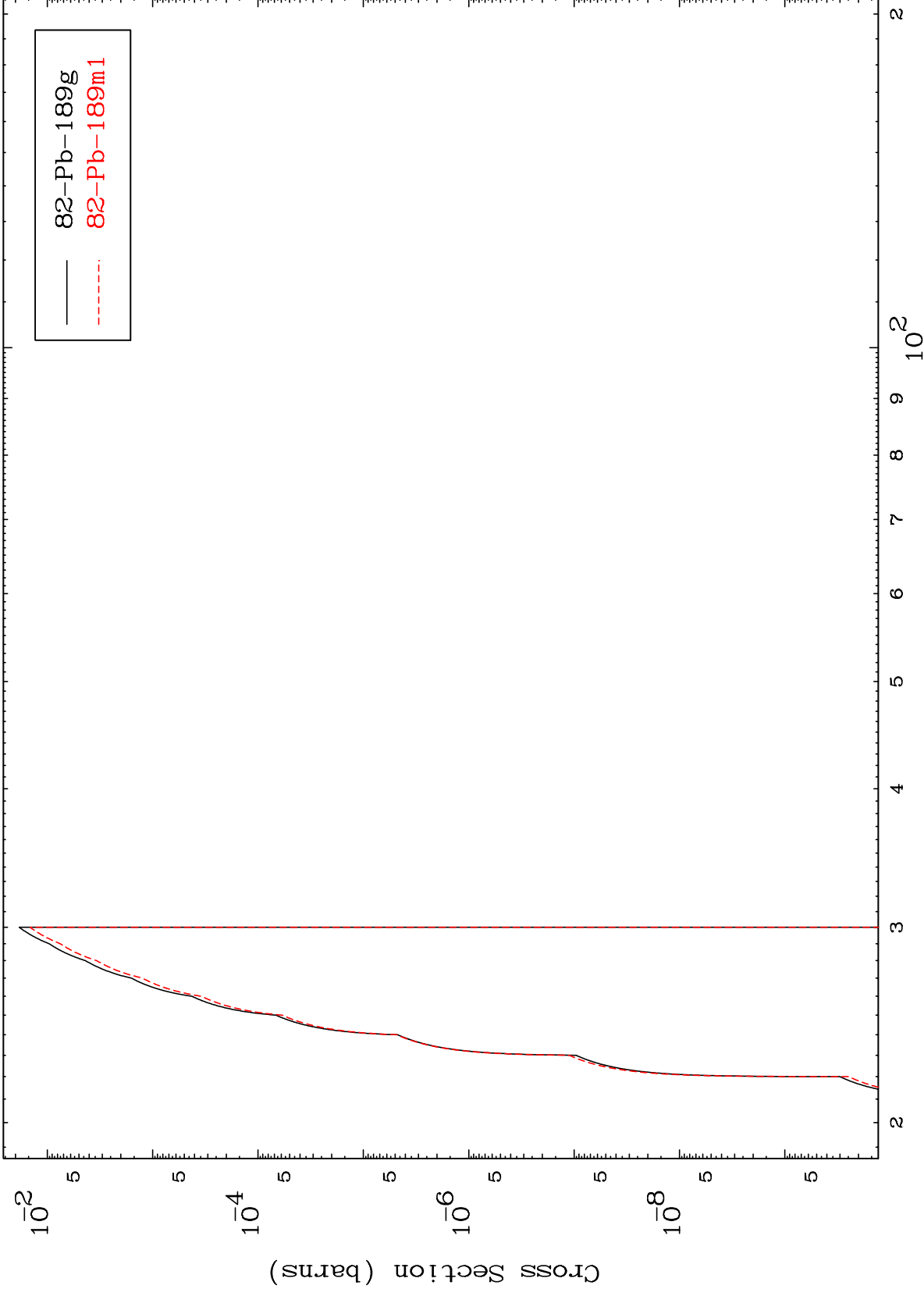
83-Bi-192

MAT 8274

(n,3n) p

83-Bi-192

Radionuclide Production Cross Section



61

Incident Energy (MeV)

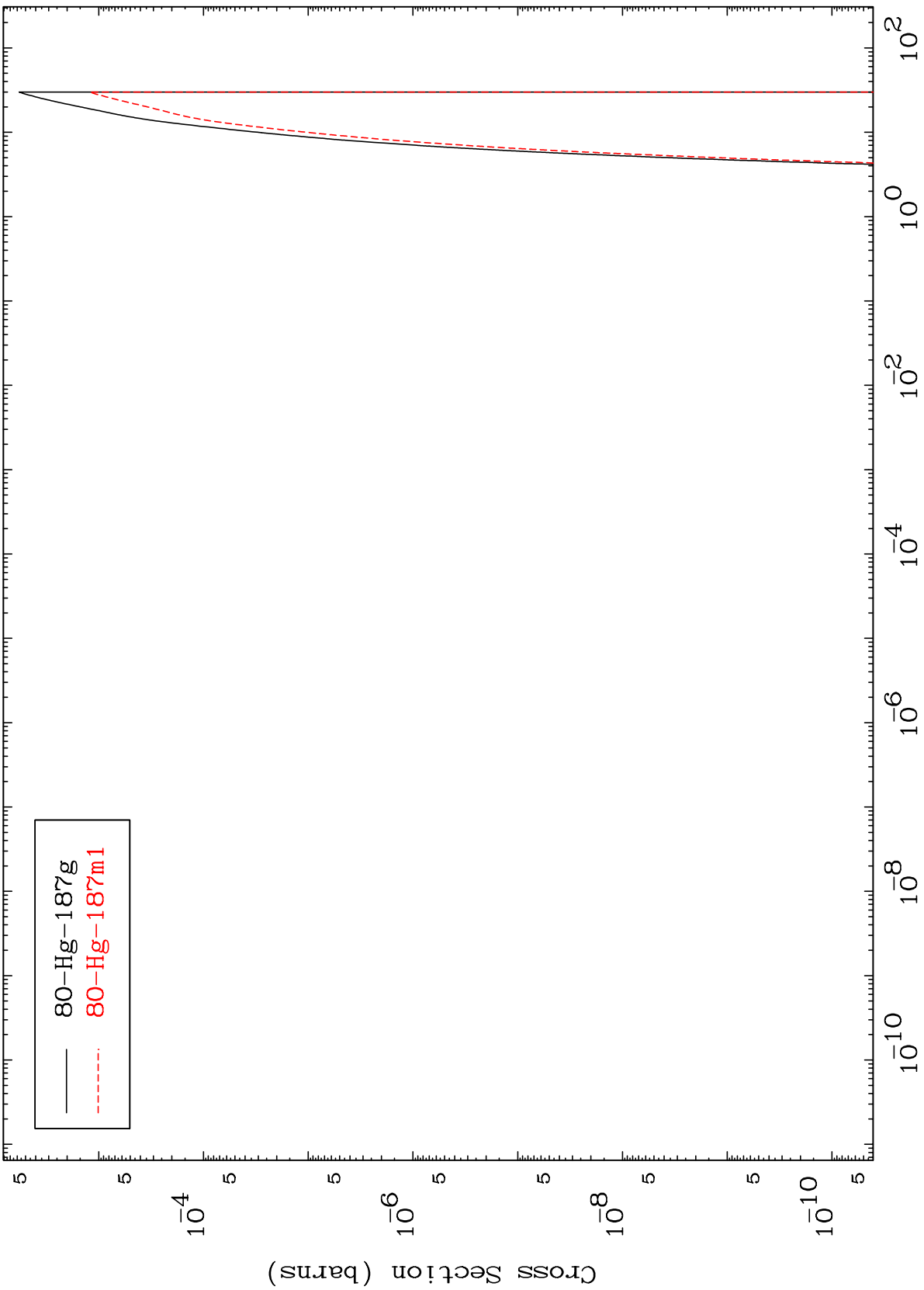
83-Bi-192

MAT 8274

(n,n') p α

83-Bi-192

Radionuclide Production Cross Section



62

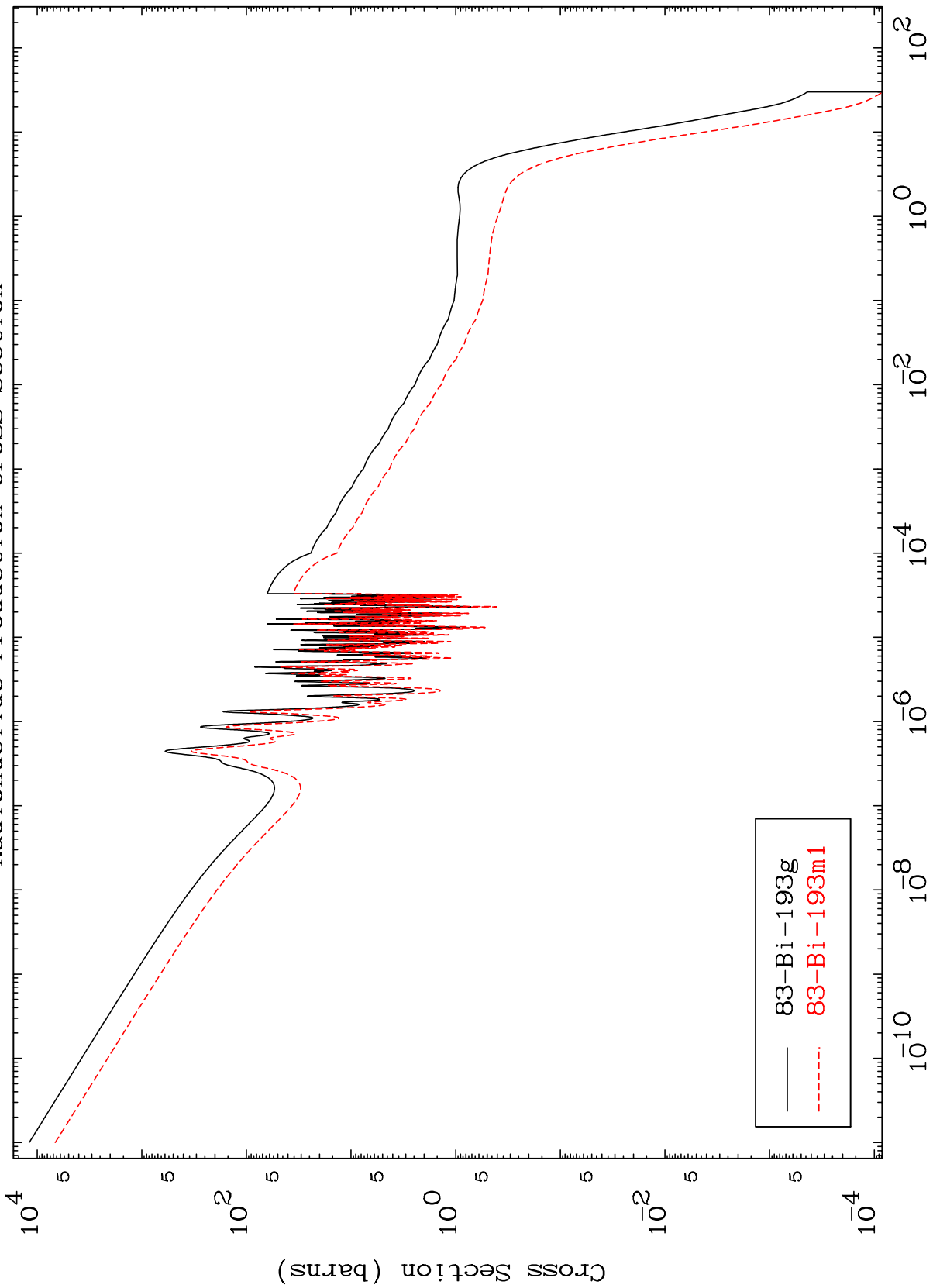
Incident Energy (MeV)

83-Bi-192

MAT 8274

83-Bi-192

(n,γ)
Radionuclide Production Cross Section



— 83-Bi-193g
- - - 83-Bi-193m1

83-Bi-192

Incident Energy (MeV)

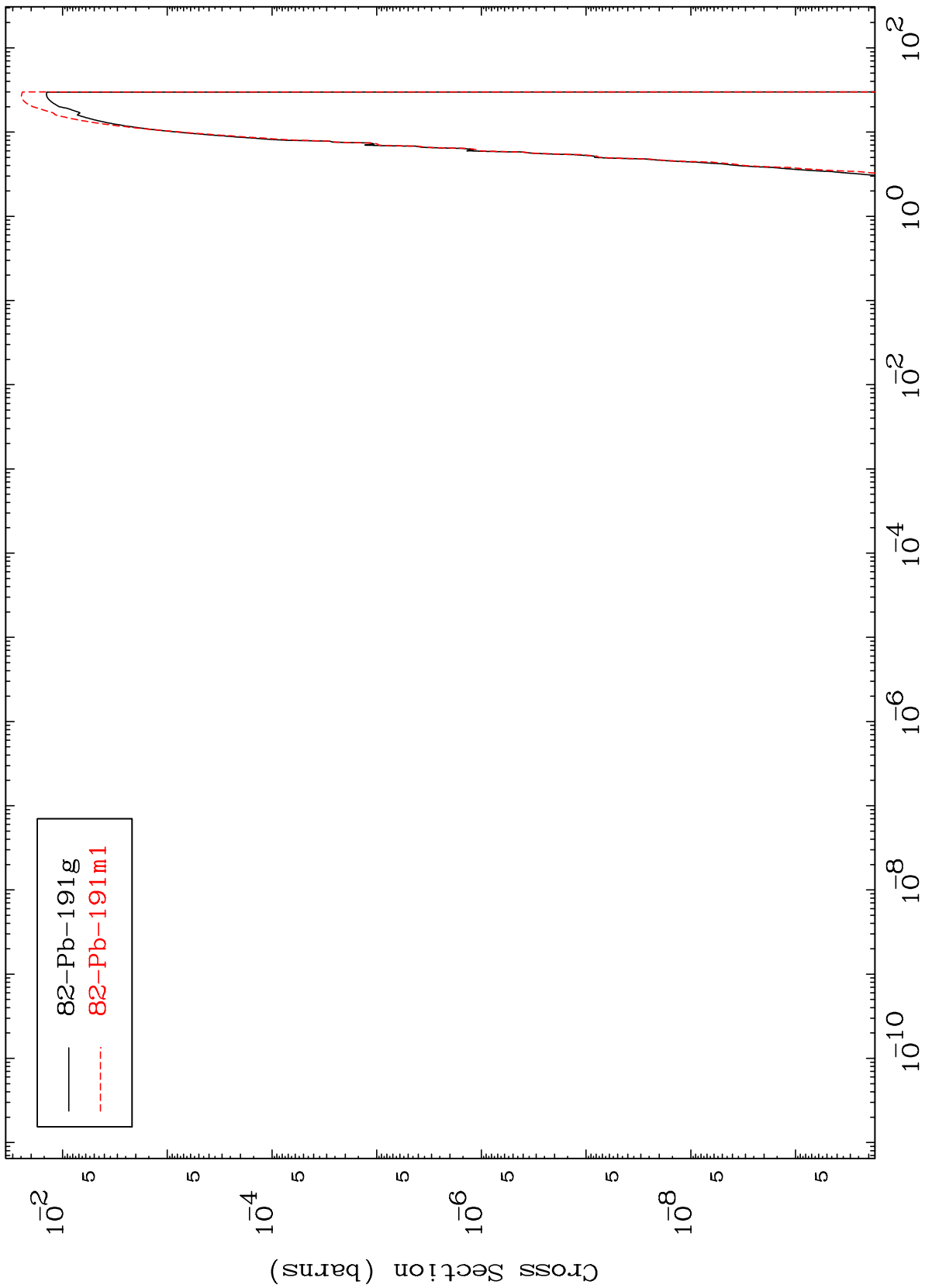
63

MAT 8274

(n,d)

83-Bi-192

Radionuclide Production Cross Section



64

Incident Energy (MeV)

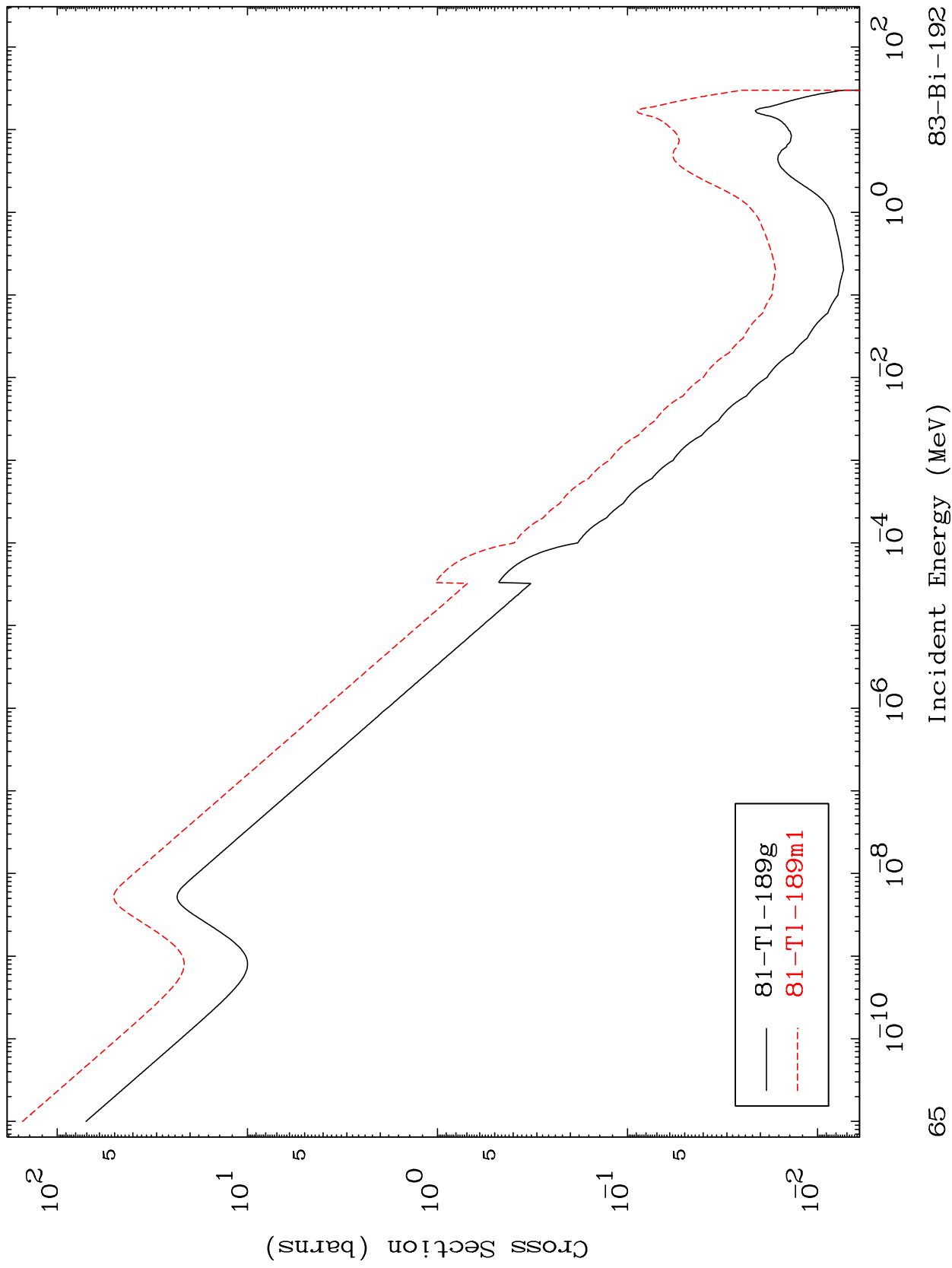
83-Bi-192

MAT 8274

(n, α)

83-Bi-192

Radionuclide Production Cross Section



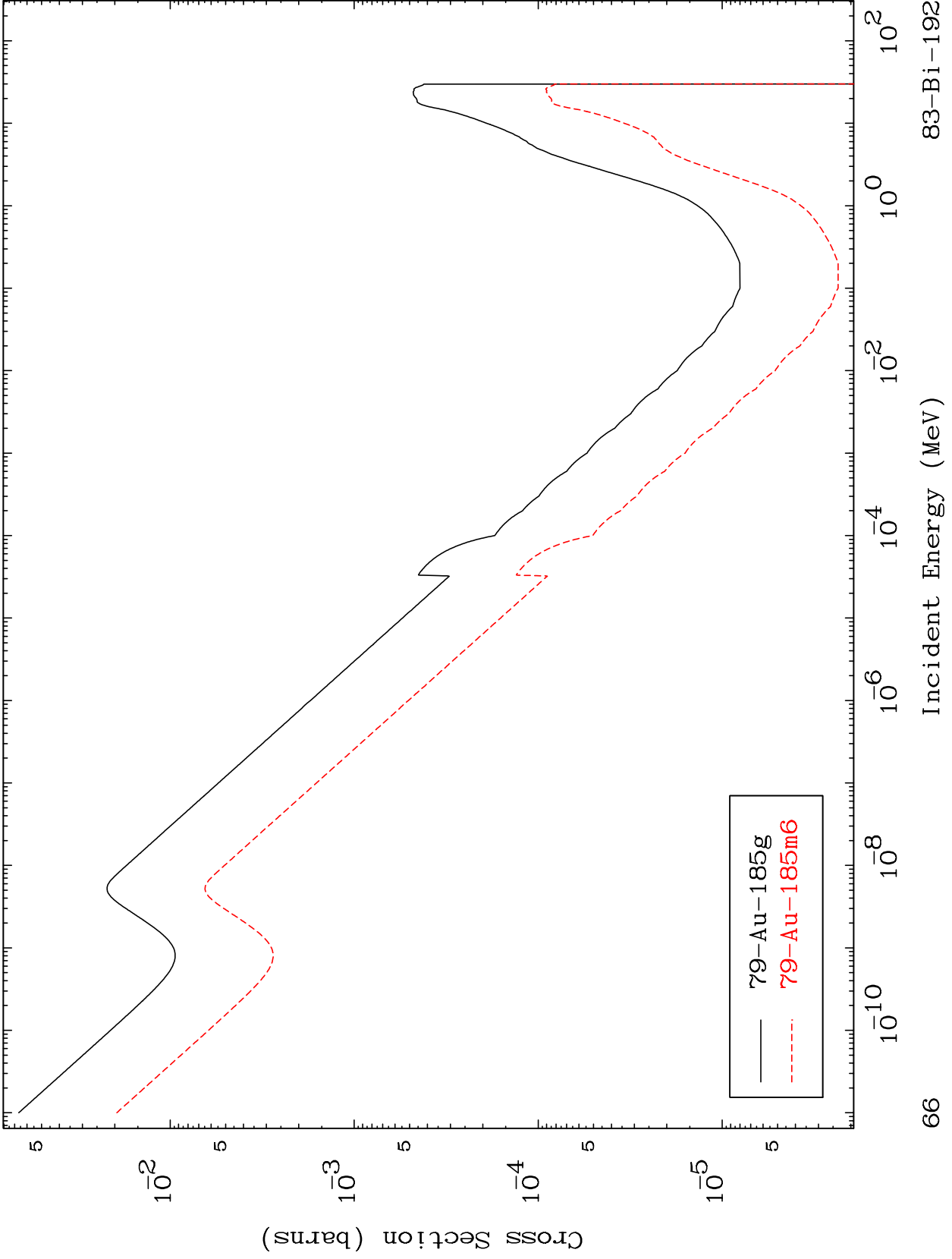
65

MAT 8274

(n,2 α)

83-Bi-192

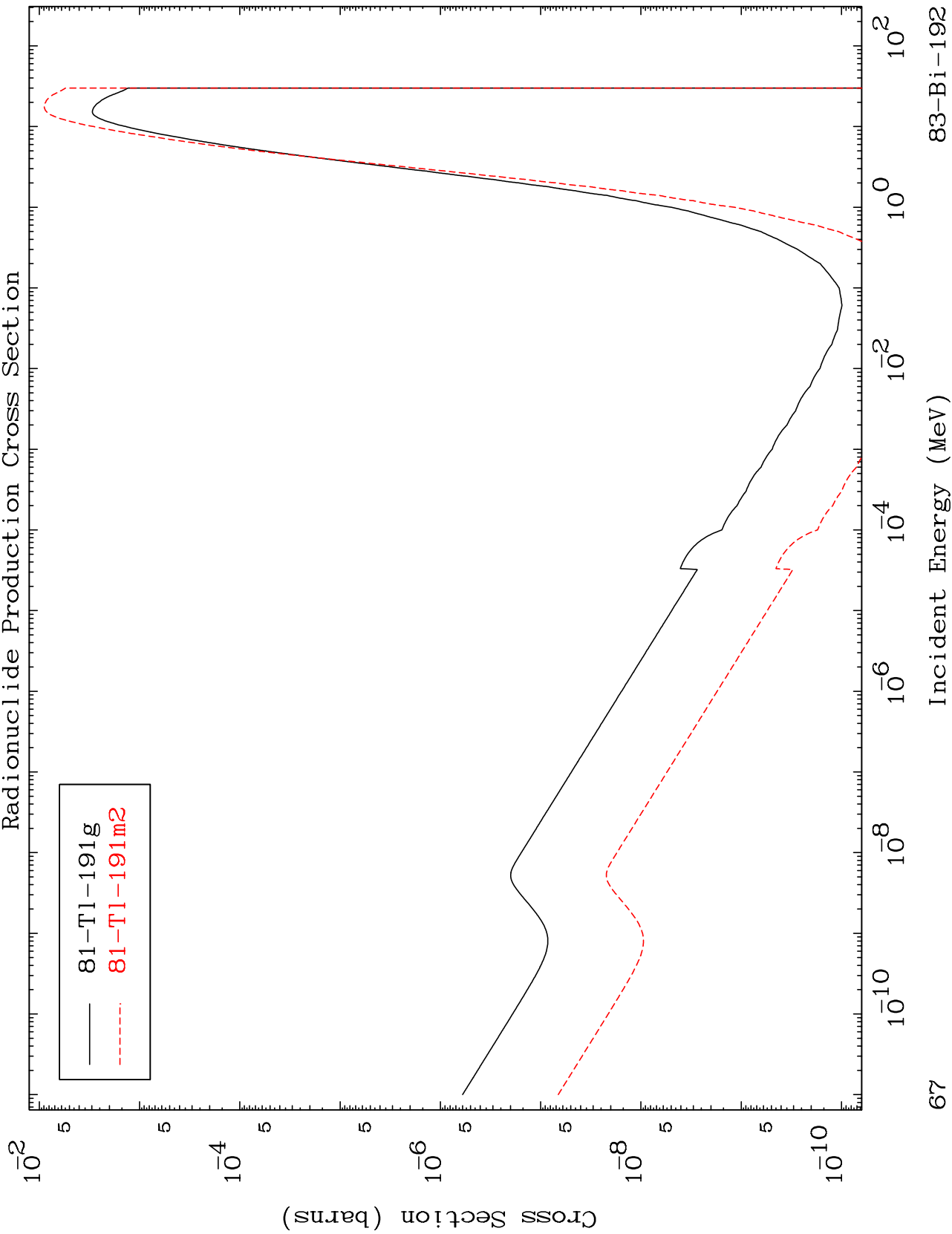
Radionuclide Production Cross Section



MAT 8274

83-Bi-192

Radionuclide Production Cross Section
(n,2p)



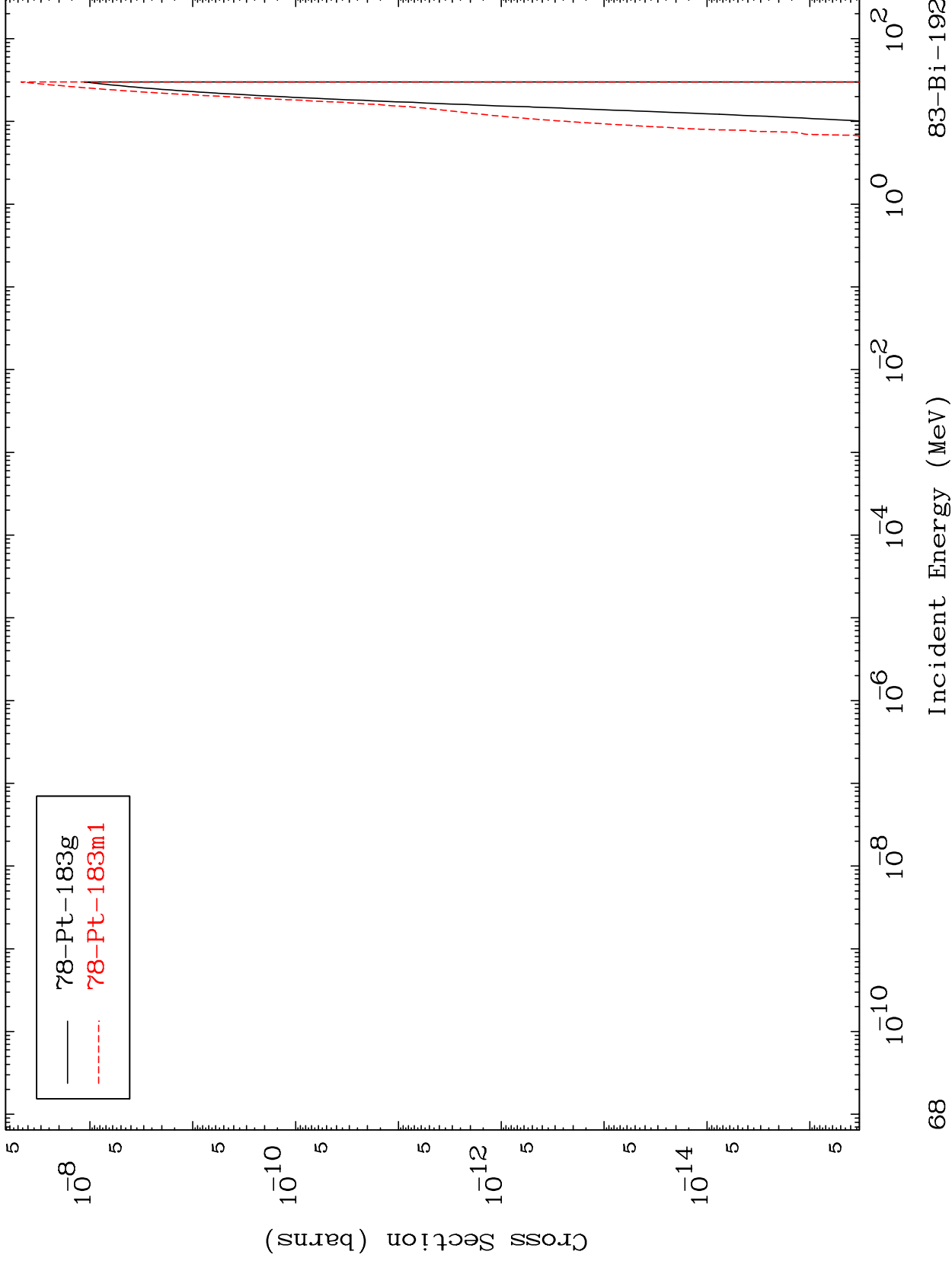
67

MAT 8274

(n,d) 2 α

83-Bi-192

Radionuclide Production Cross Section



68

Incident Energy (MeV)

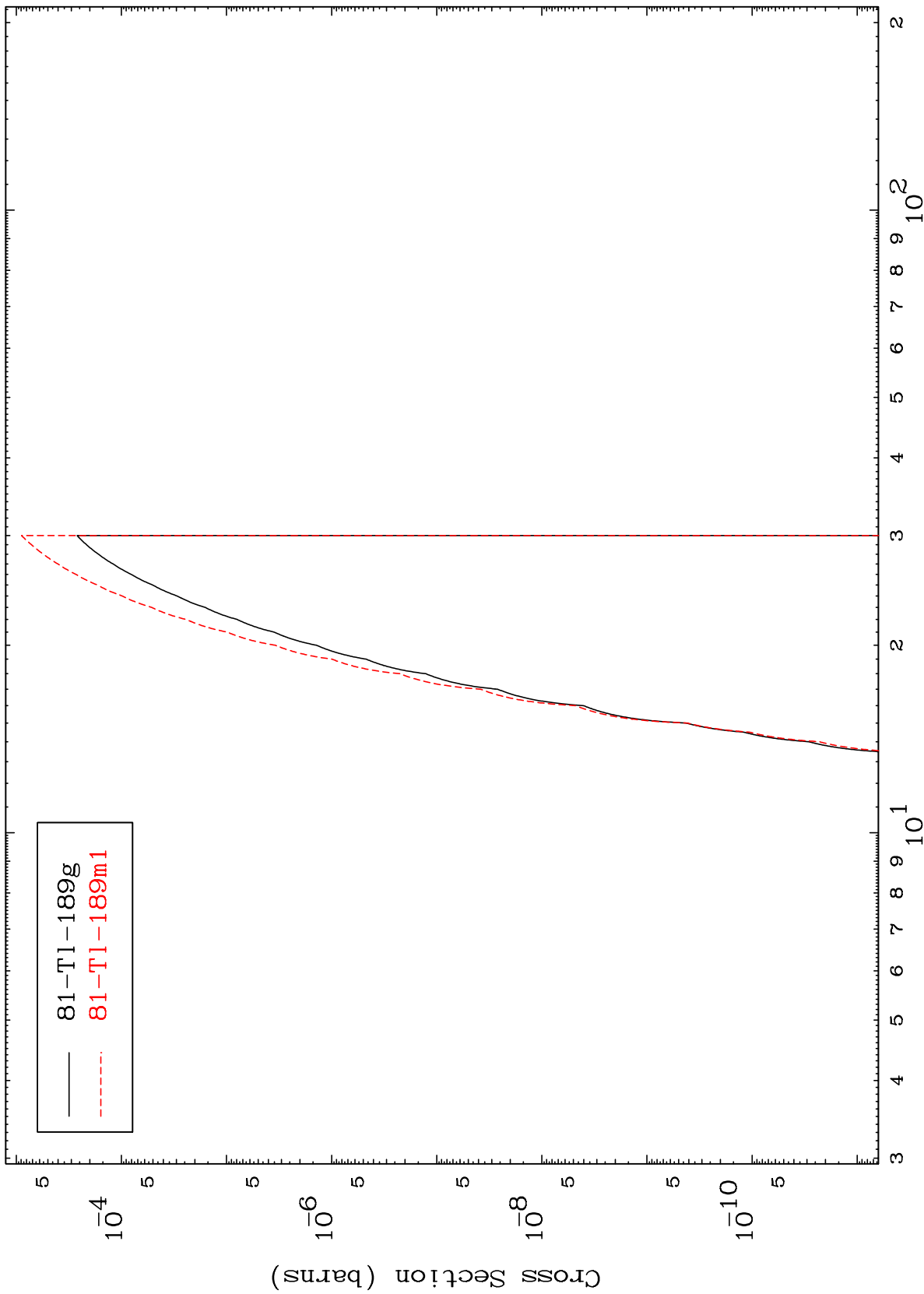
83-Bi-192

MAT 8274

(n,p) t

83-Bi-192

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-192

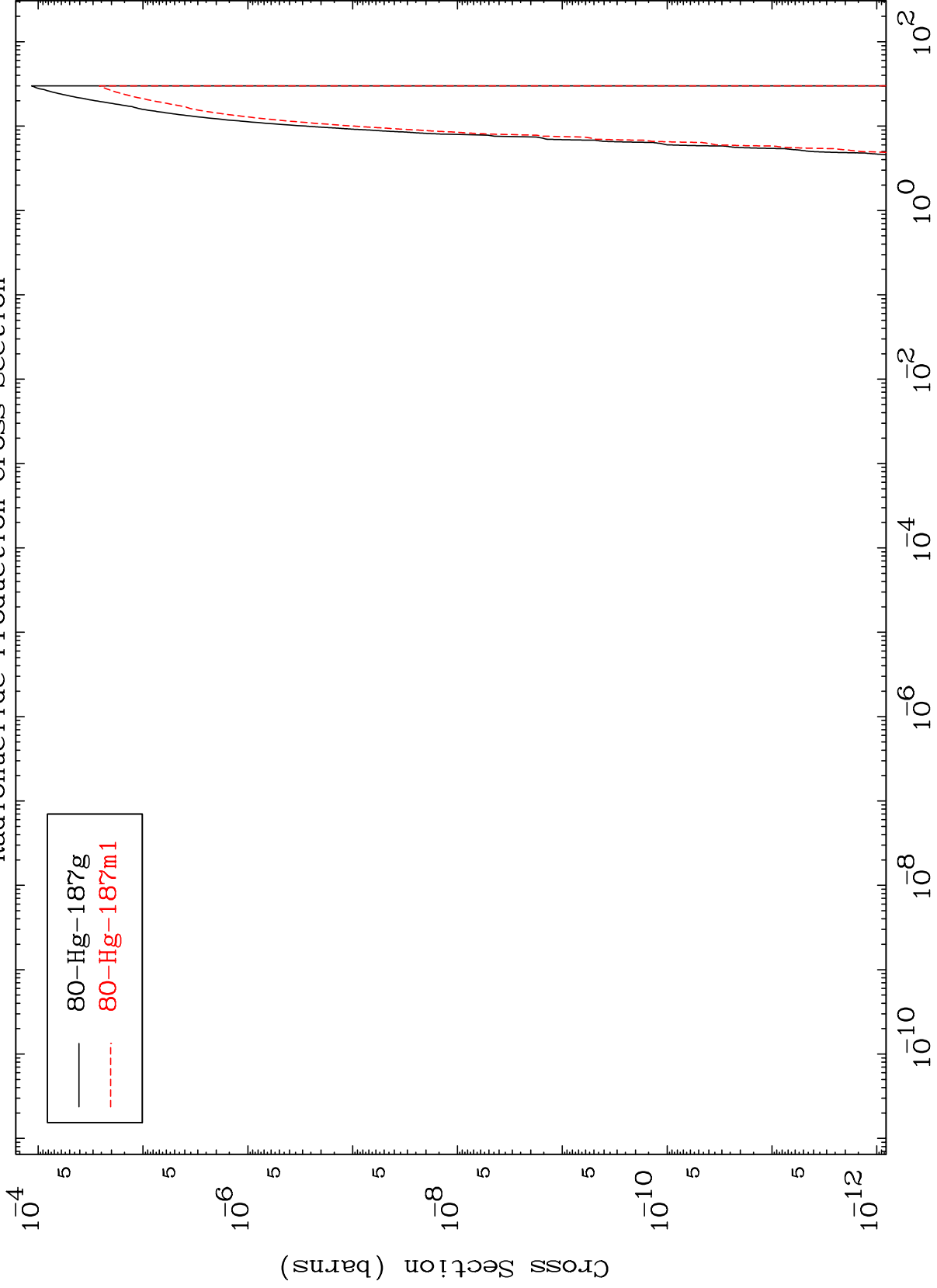
69

MAT 8274

(n,d) α

83-Bi-192

Radionuclide Production Cross Section



70

Incident Energy (MeV)

83-Bi-192