

Program EVALPLOT
(Version 2015-2)

by

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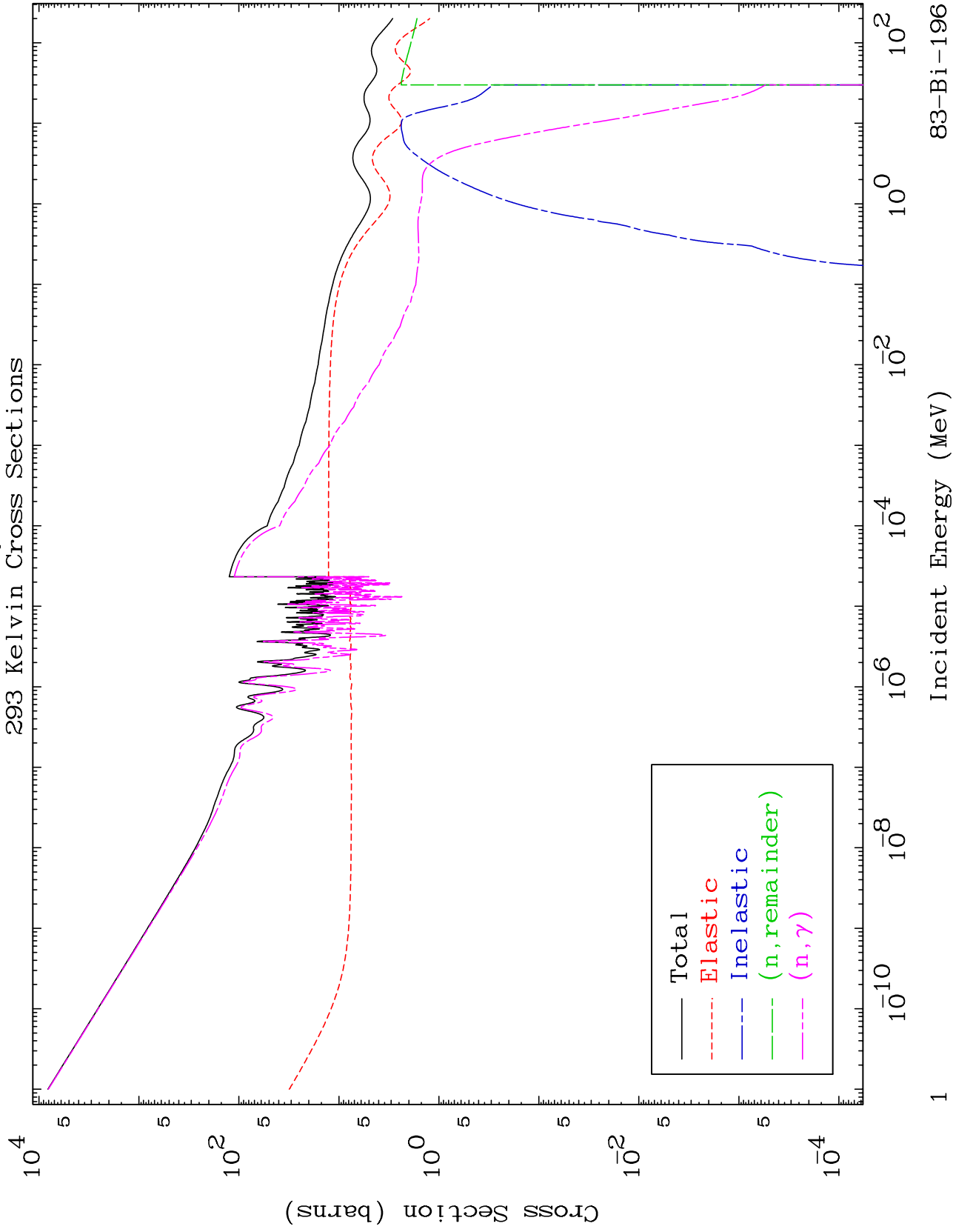
Press Mouse Button to Start

MAT 8286

Major

293 Kelvin Cross Sections

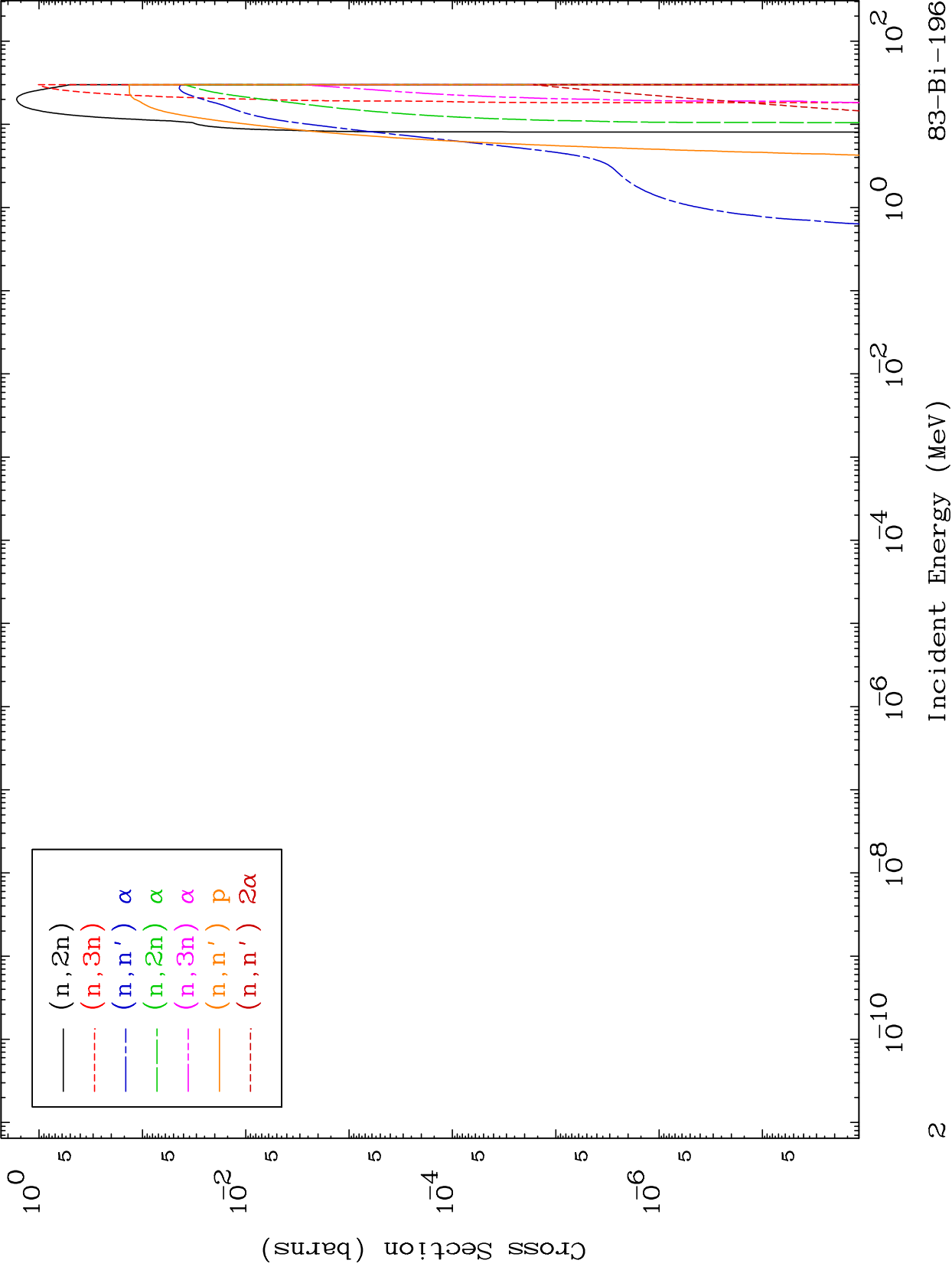
83-Bi-196



MAT 8286

Neutron Production
293 Kelvin Cross Sections

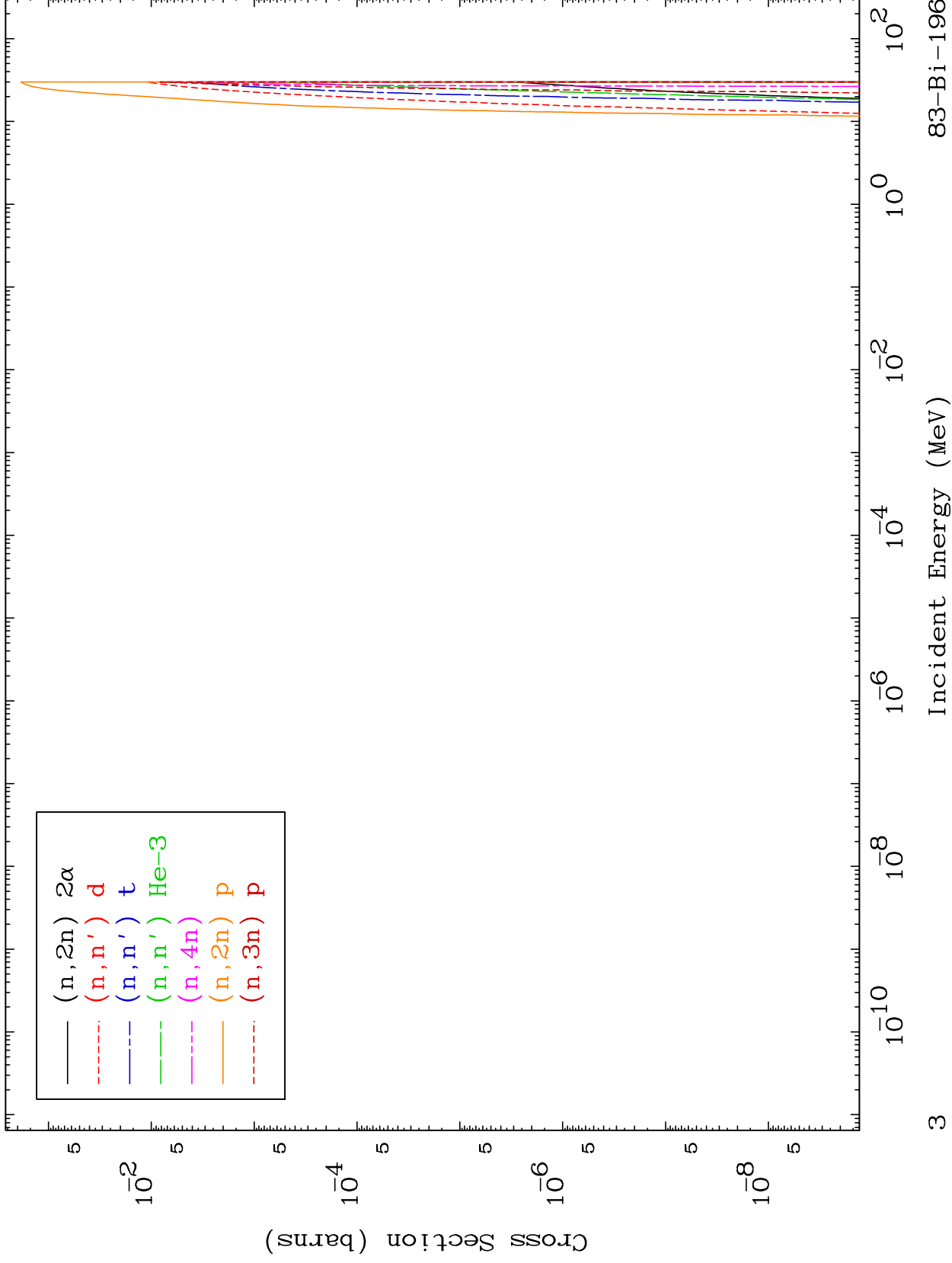
83-Bi-196



MAT 8286

Neutron Production
293 Kelvin Cross Sections

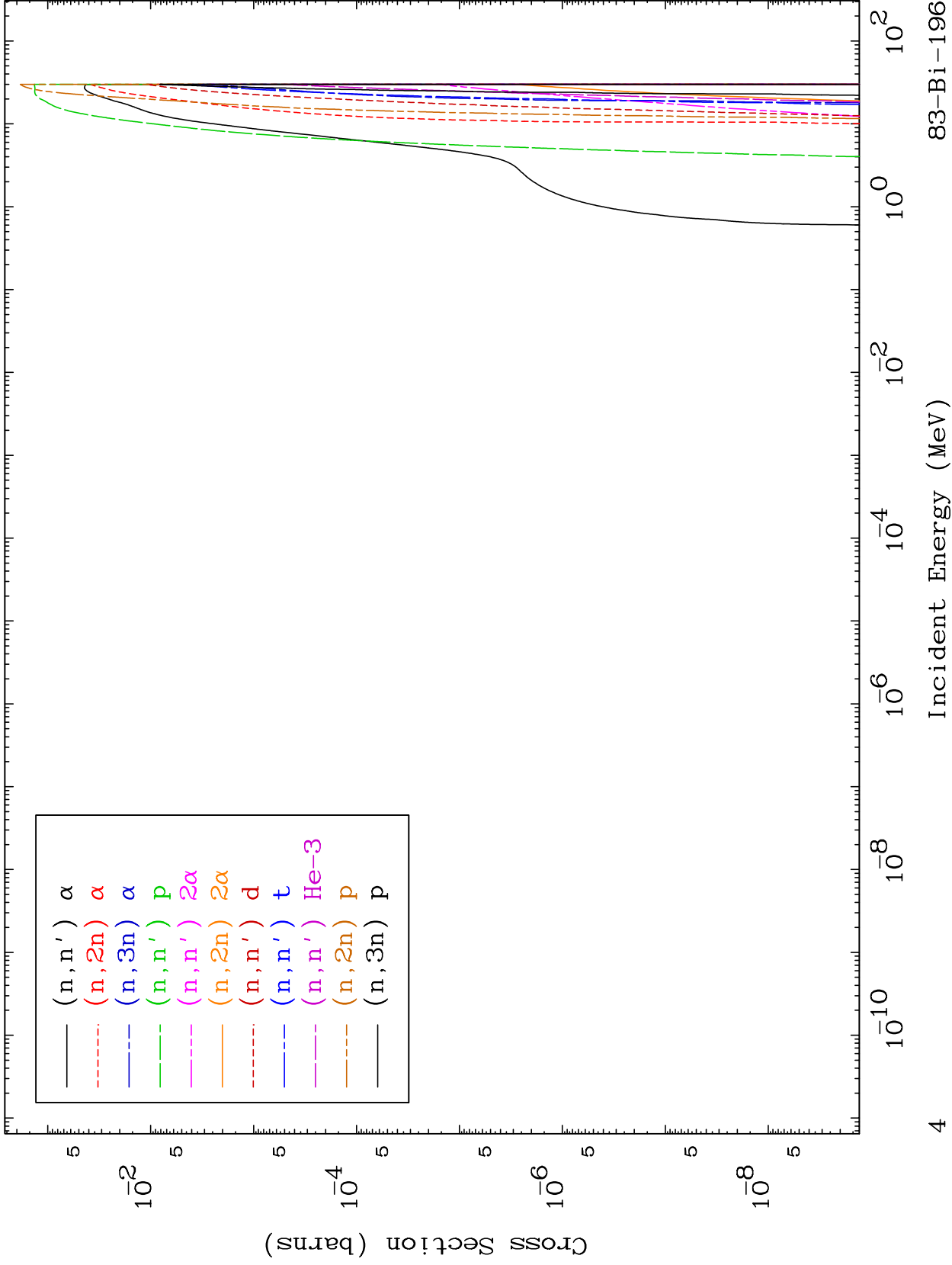
83-Bi-196



MAT 8286

Charged Particle
293 Kelvin Cross Sections

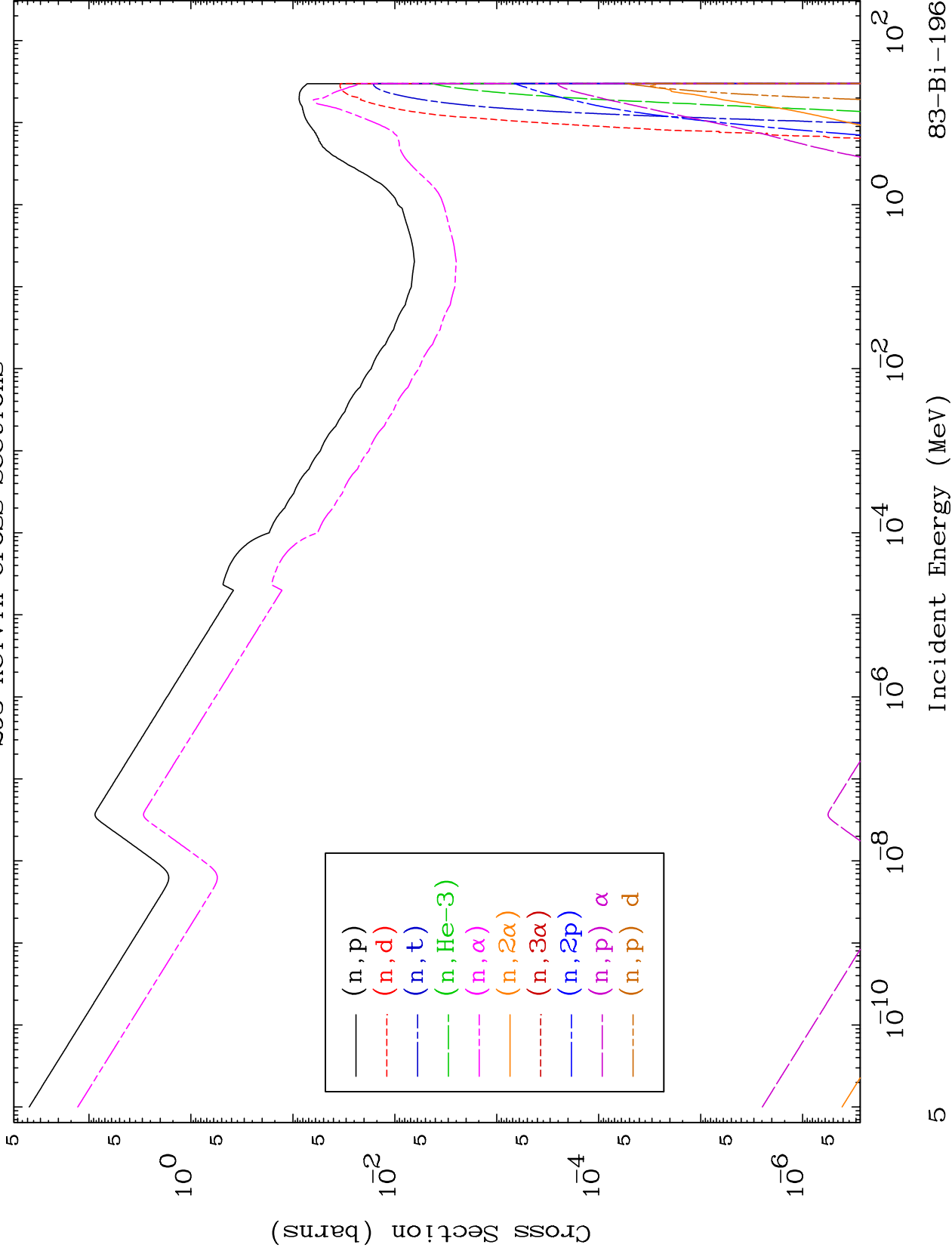
83-Bi-196



MAT 8286

Charged Particle
293 Kelvin Cross Sections

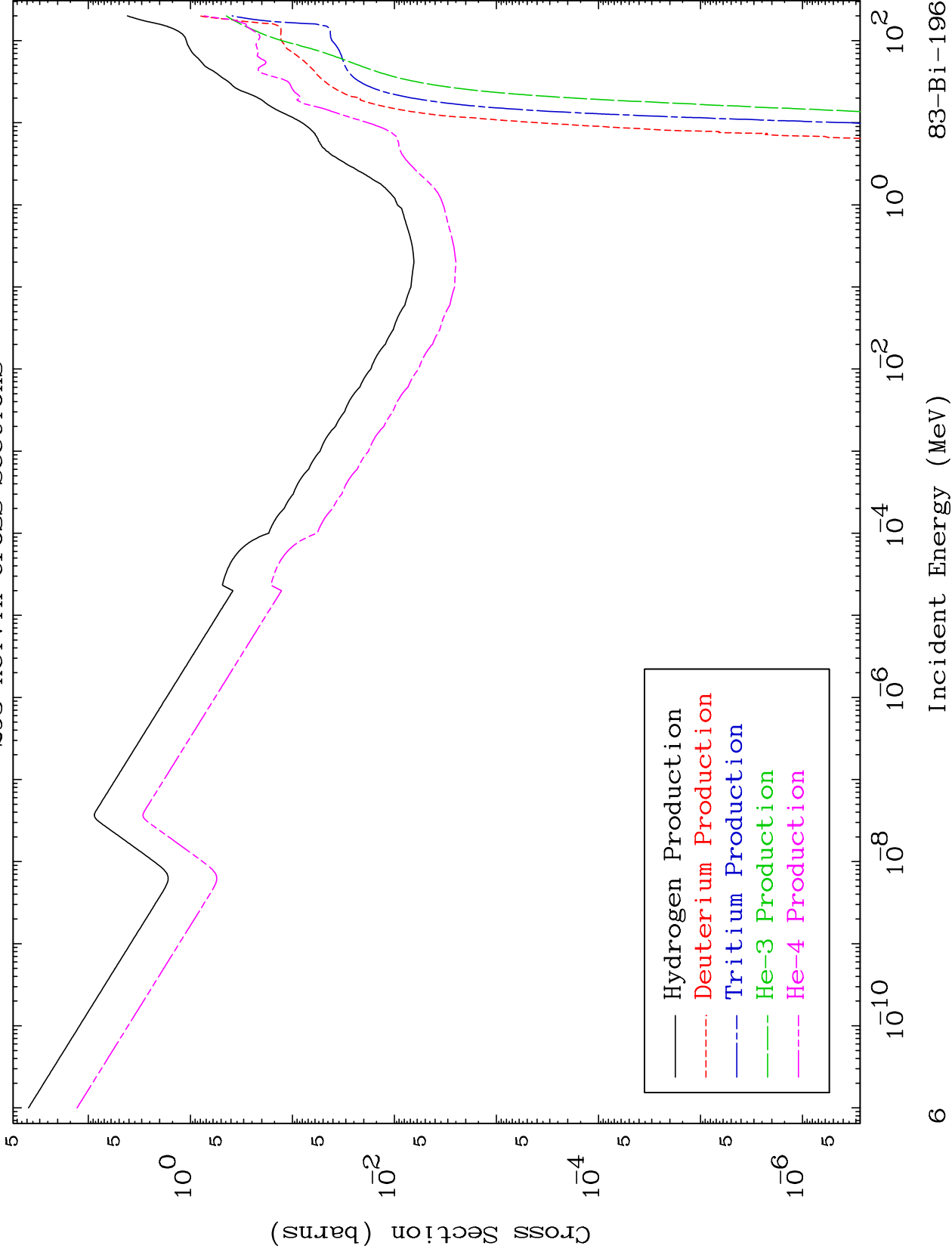
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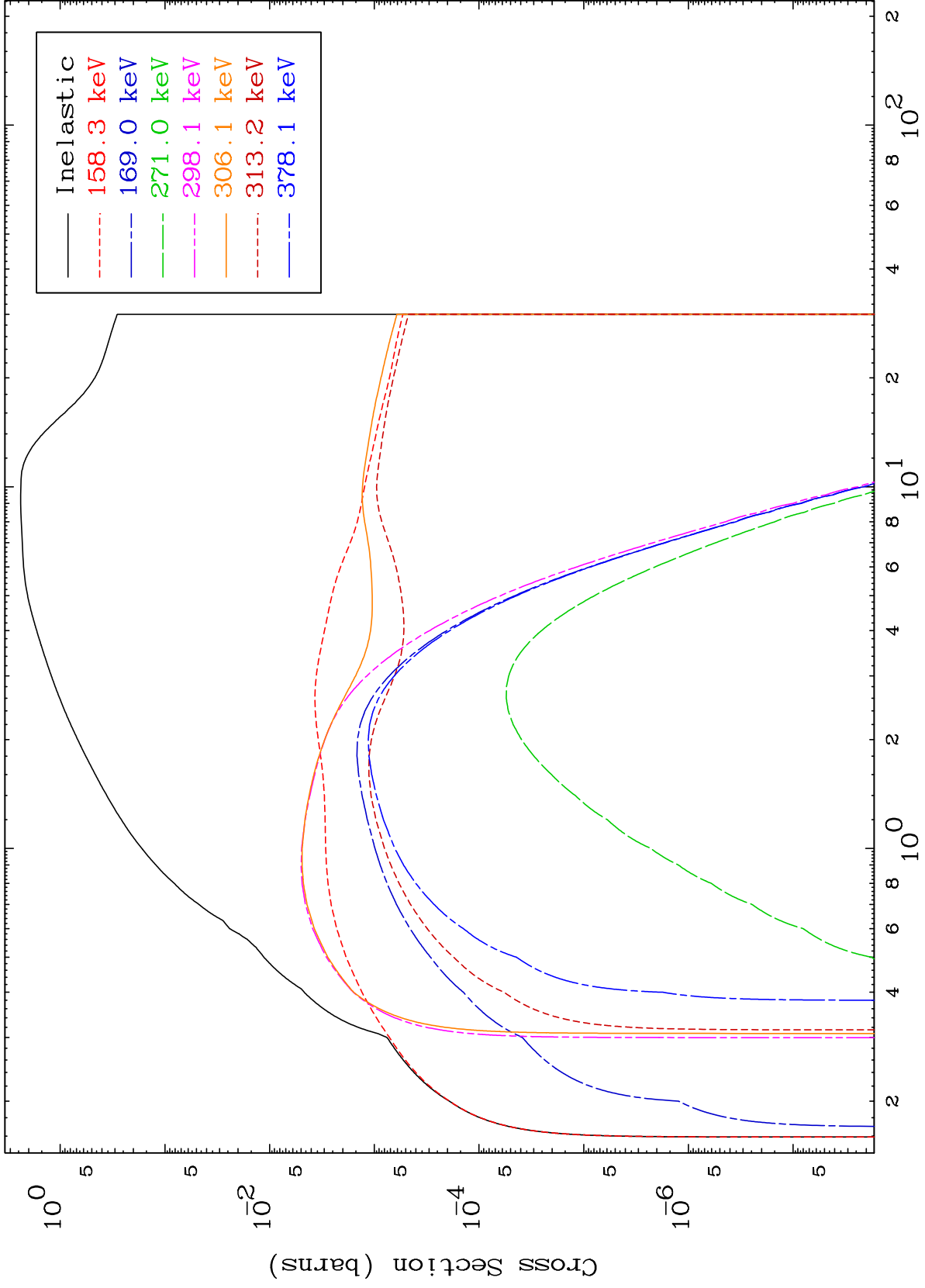


MAT 8286

Particle Production
293 Kelvin Cross Sections

83-Bi-196

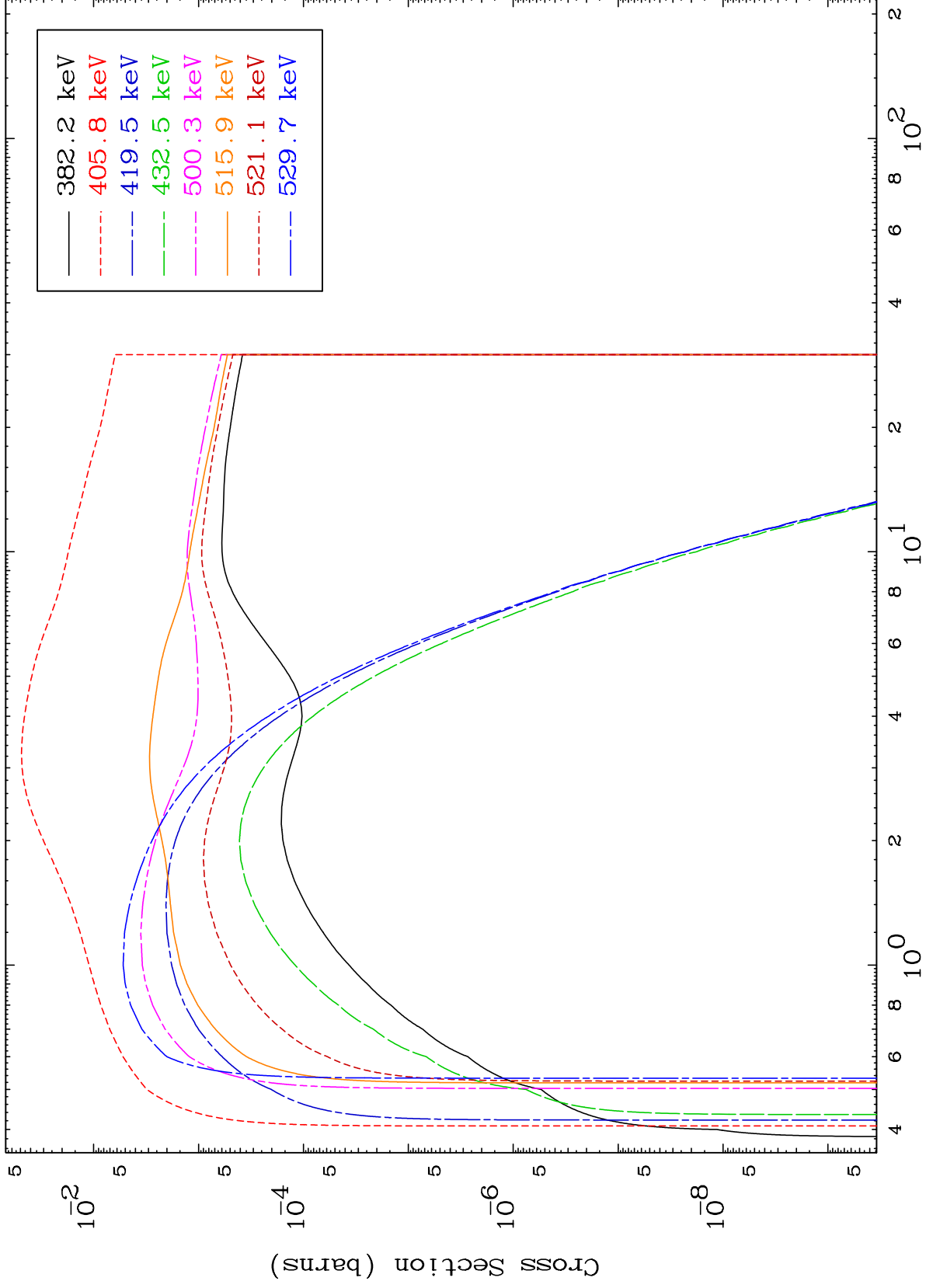




MAT 8286

(n,n') Level
293 Kelvin Cross Sections

83-Bi-196



8

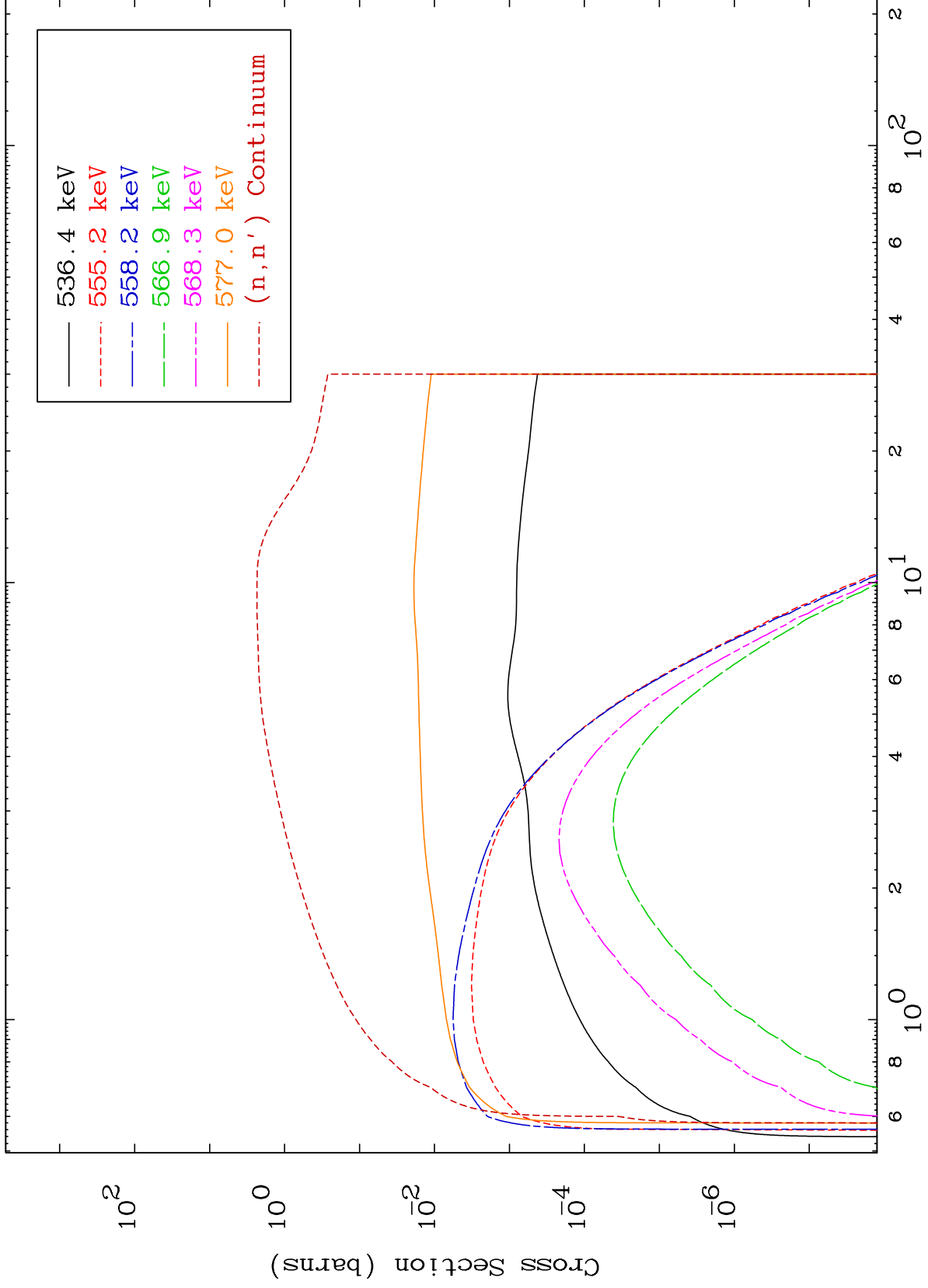
Incident Energy (MeV)

83-Bi-196

MAT 8286

(n,n') Level
293 Kelvin Cross Sections

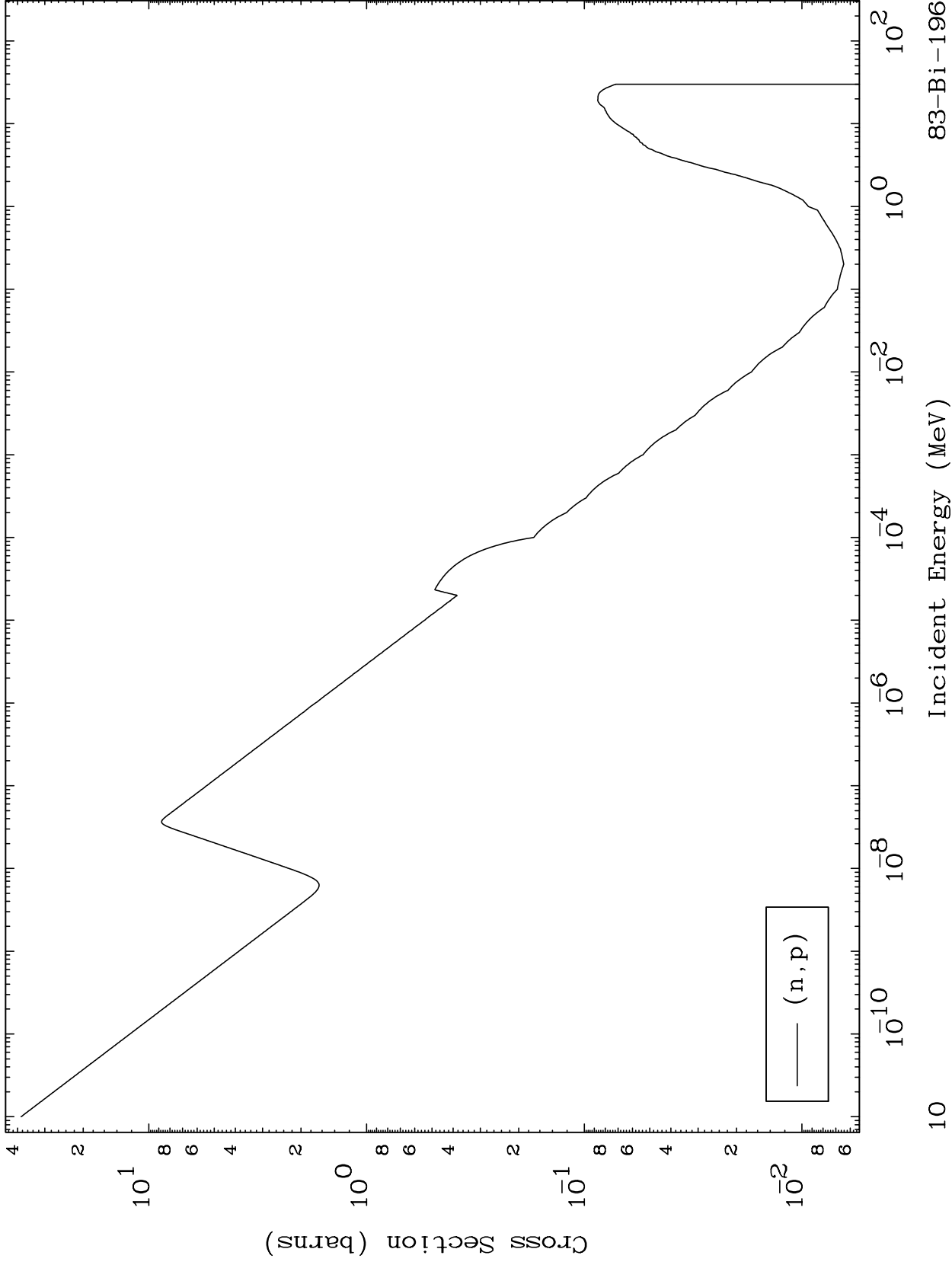
83-Bi-196



MAT 8286

(n,p) Levels
293 Kelvin Cross Sections

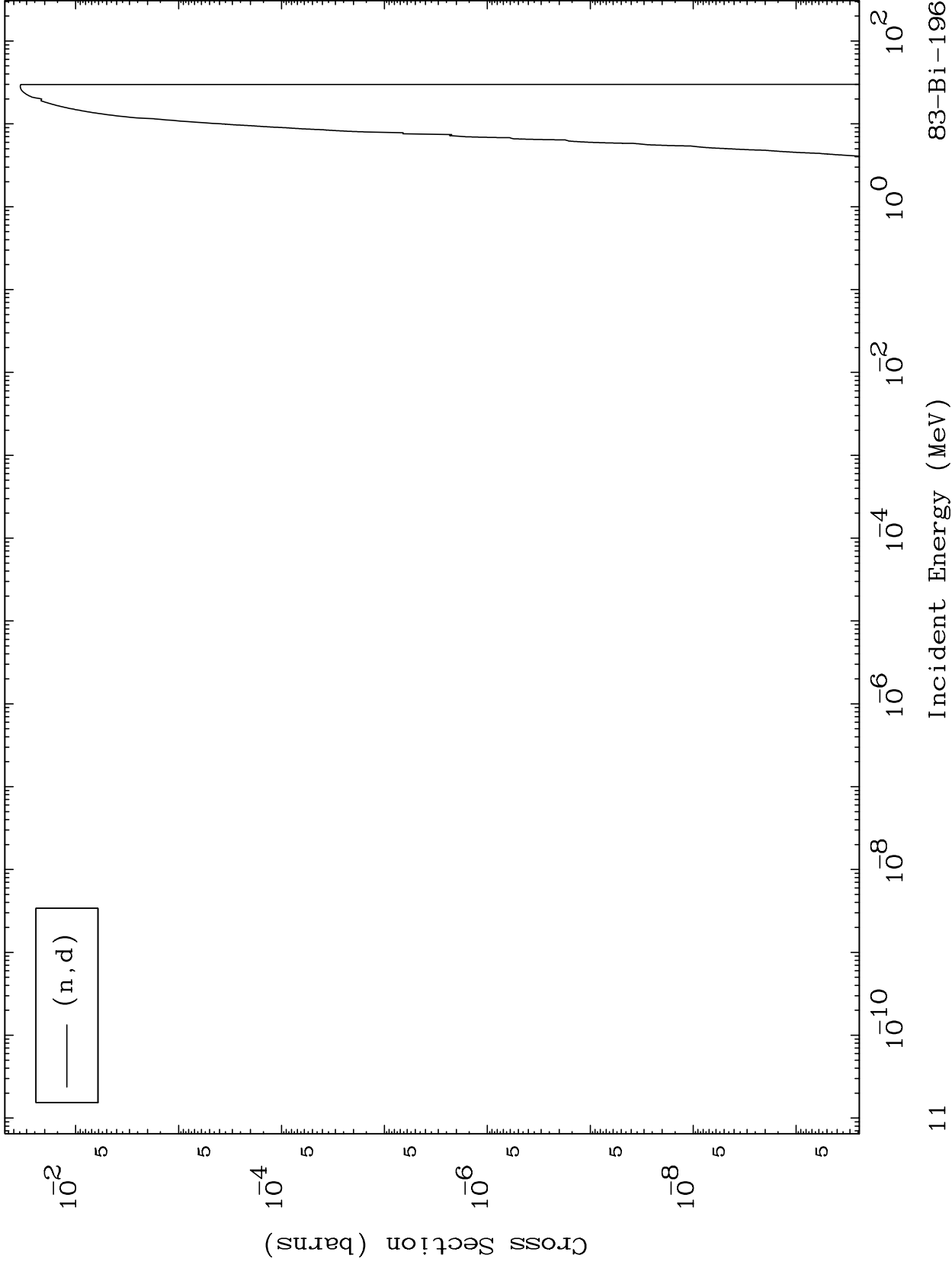
83-Bi-196



MAT 8286

(n,d) Levels
293 Kelvin Cross Sections

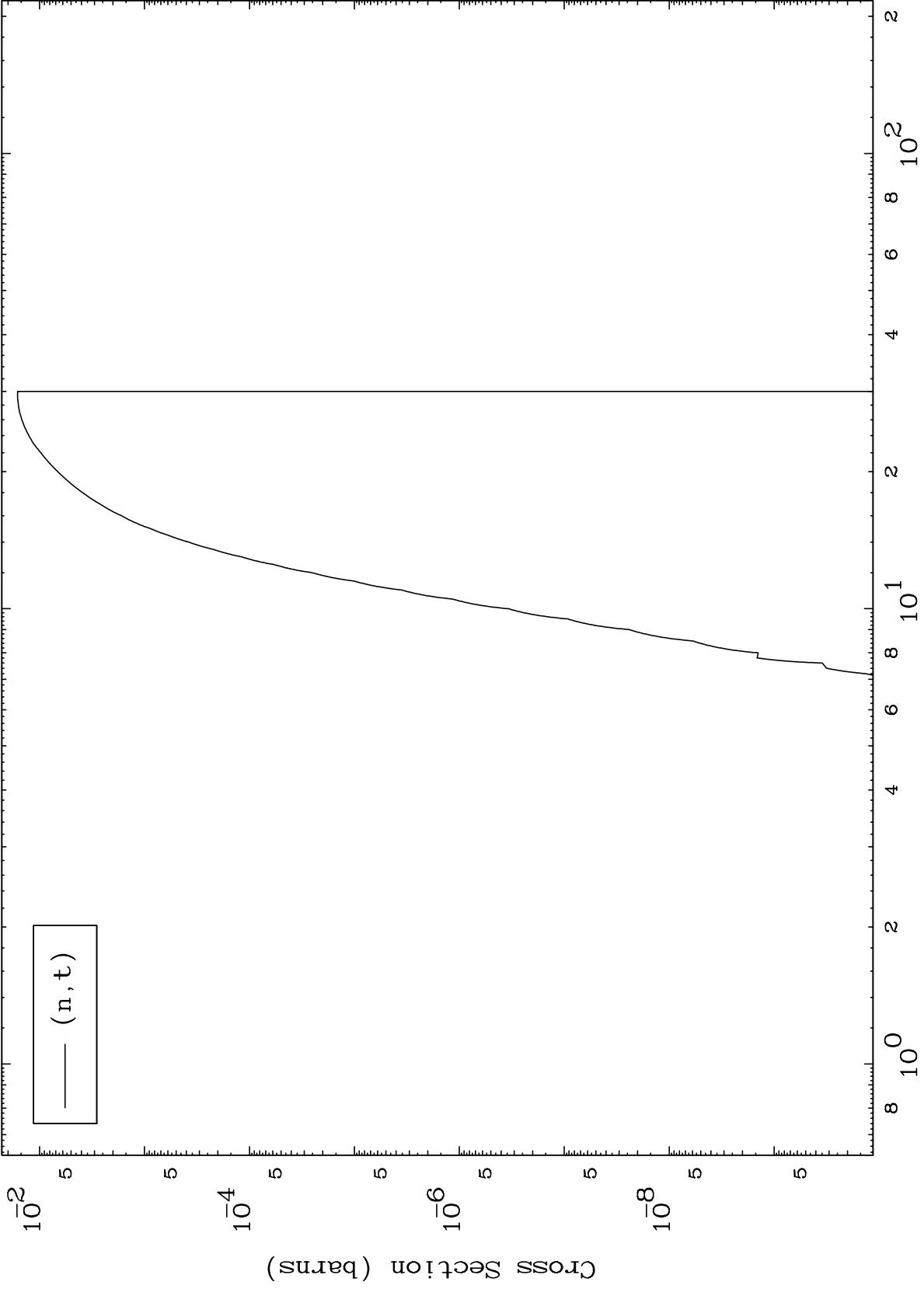
83-Bi-196



MAT 8286

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-196



12

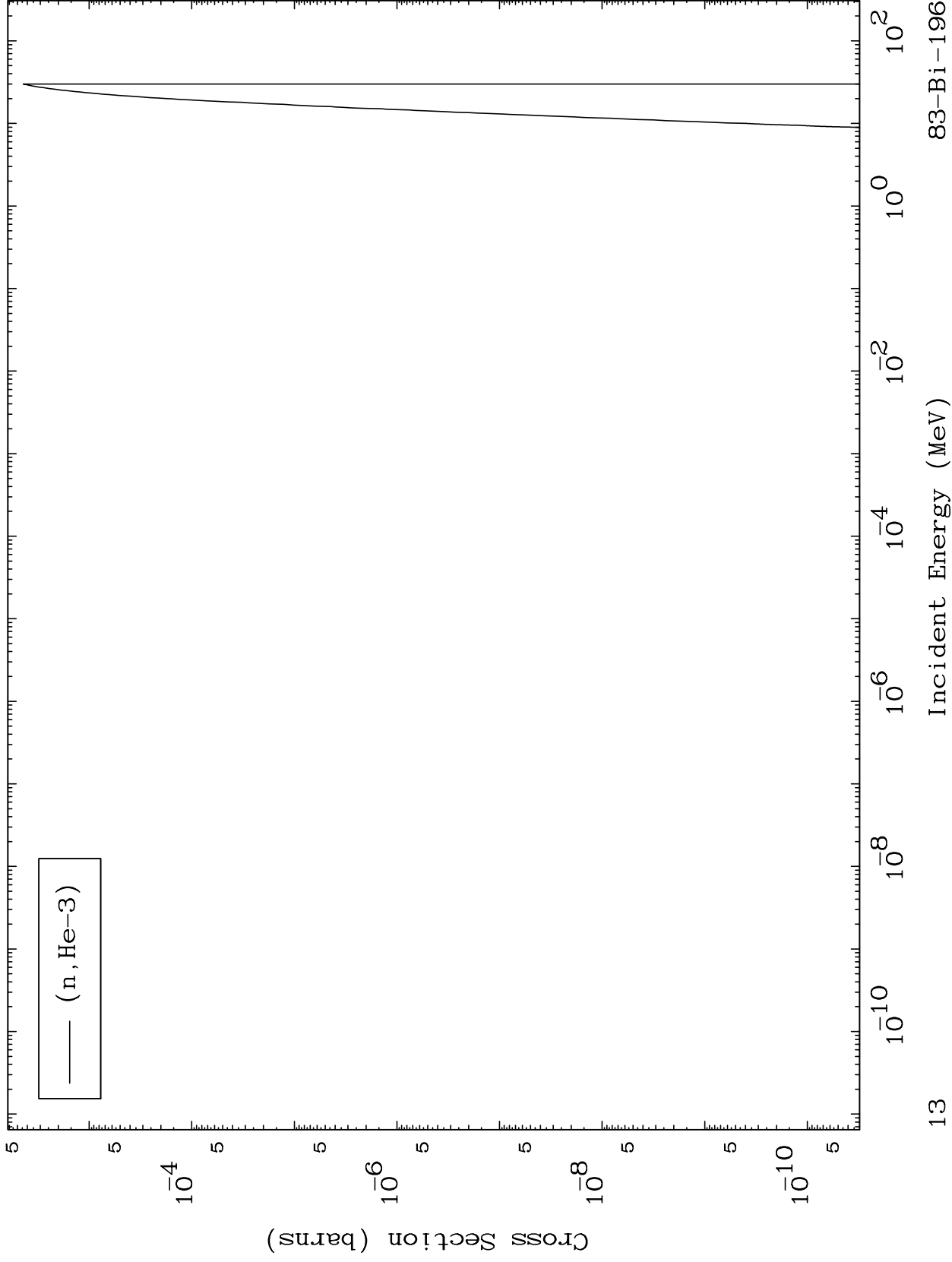
Incident Energy (MeV)

83-Bi-196

MAT 8286

(n,He3) Levels
293 Kelvin Cross Sections

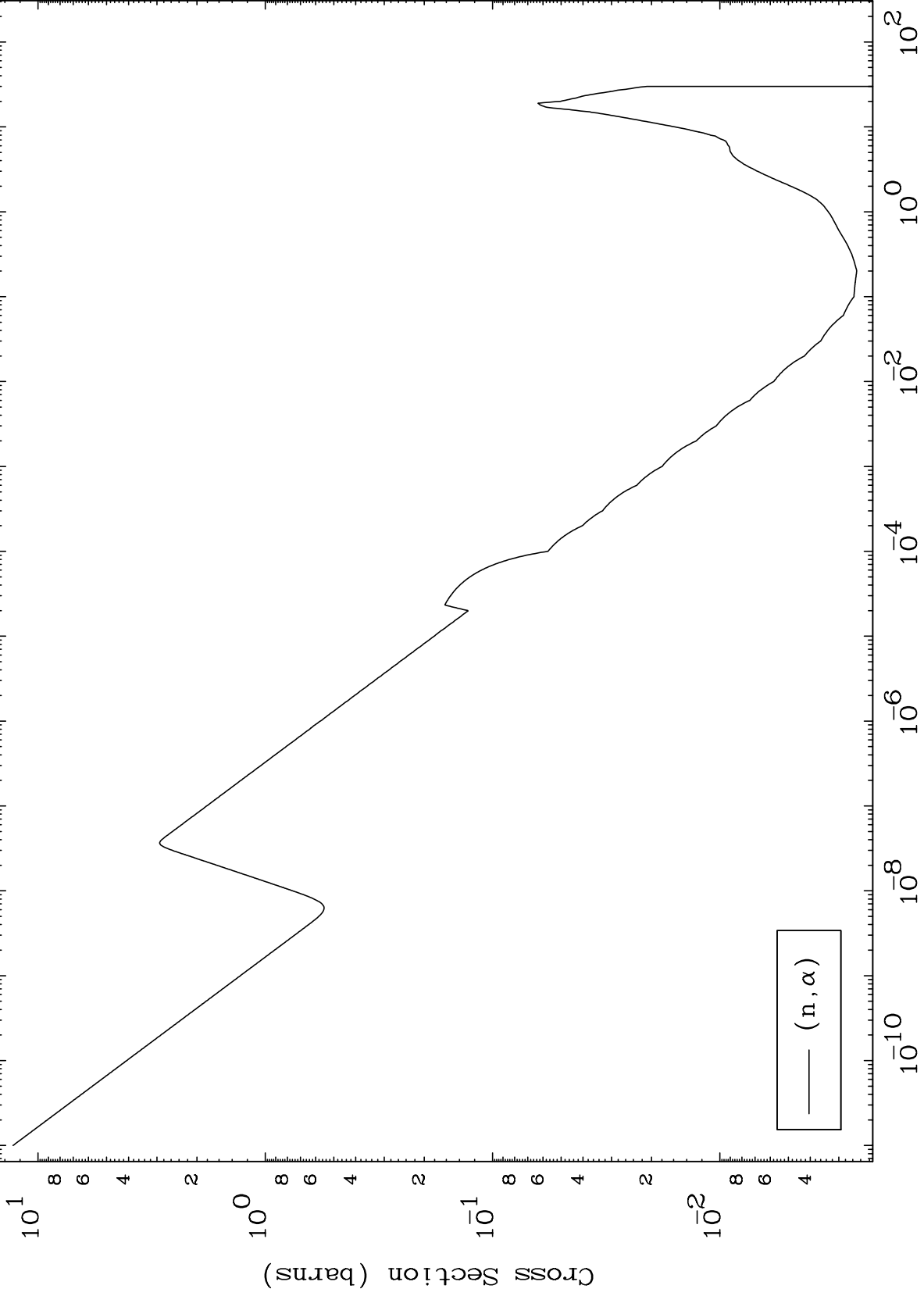
83-Bi-196

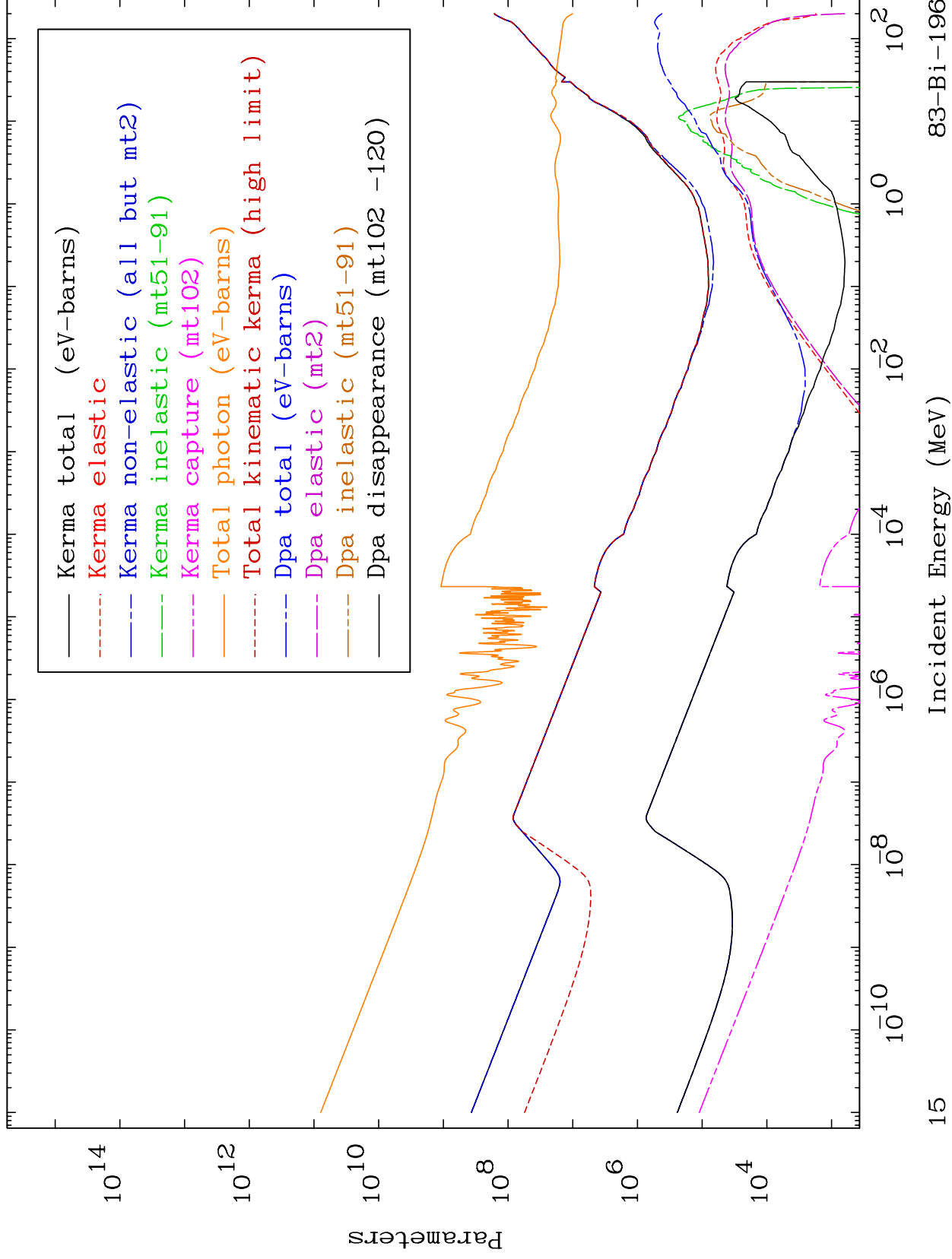


MAT 8286

(n,α) Levels
293 Kelvin Cross Sections

83-Bi-196

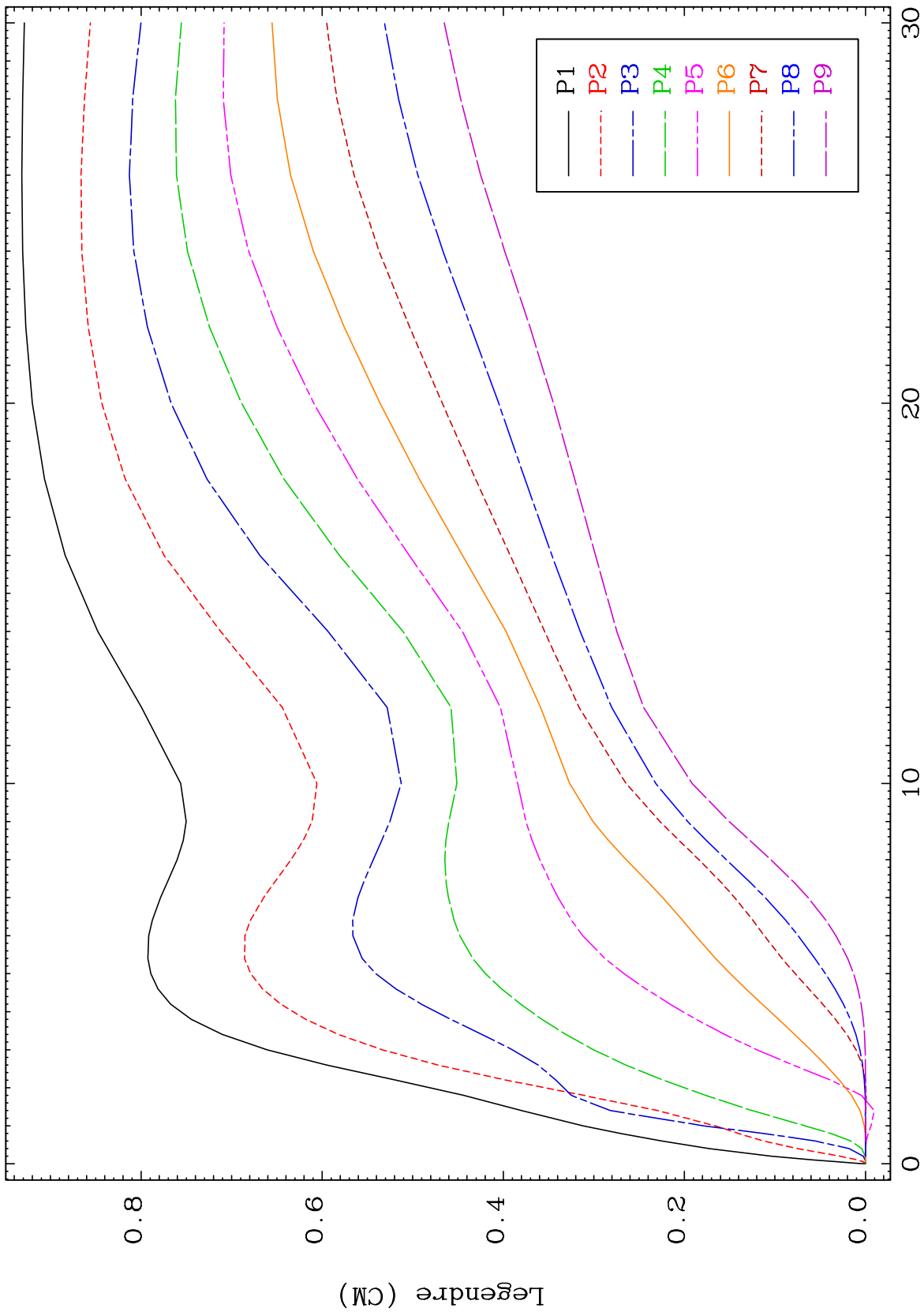




MAT 8286

83-Bi-196

Elastic Legendre Coefficients



83-Bi-196

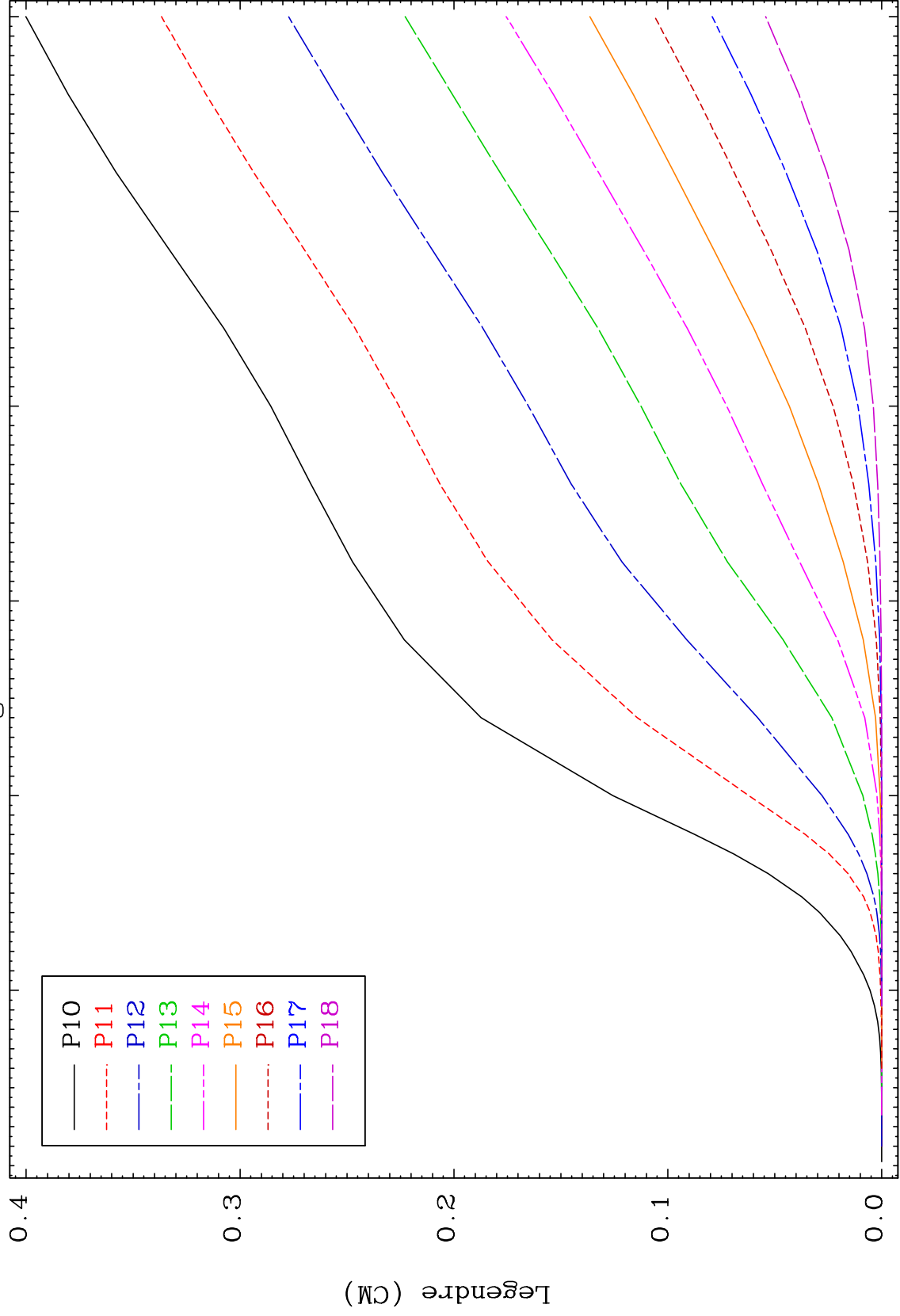
Incident Energy (MeV)

16

MAT 8286

Elastic Legendre Coefficients

83-Bi-196



17

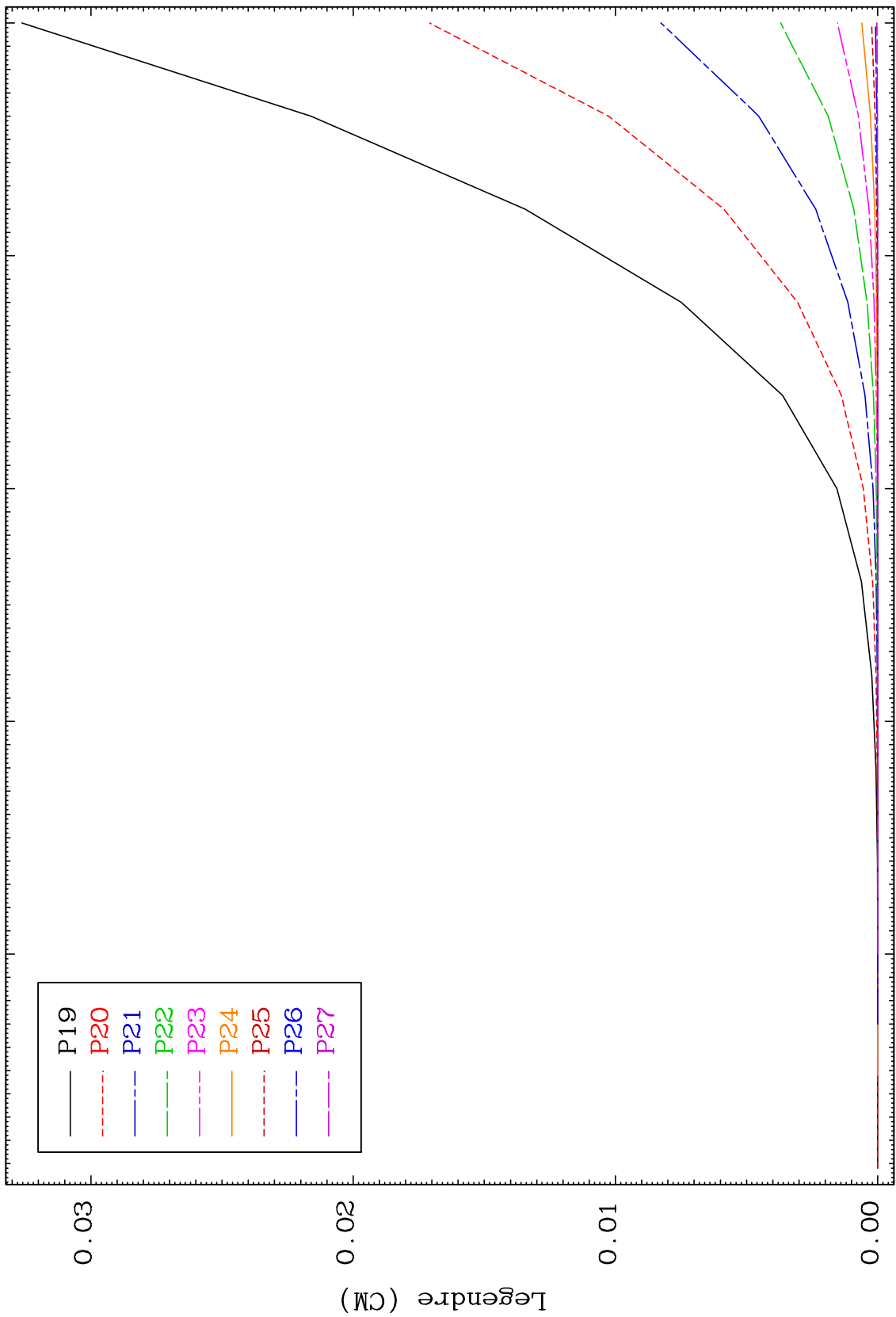
Incident Energy (MeV)

83-Bi-196

MAT 8286

Elastic Legendre Coefficients

83-Bi-196



18

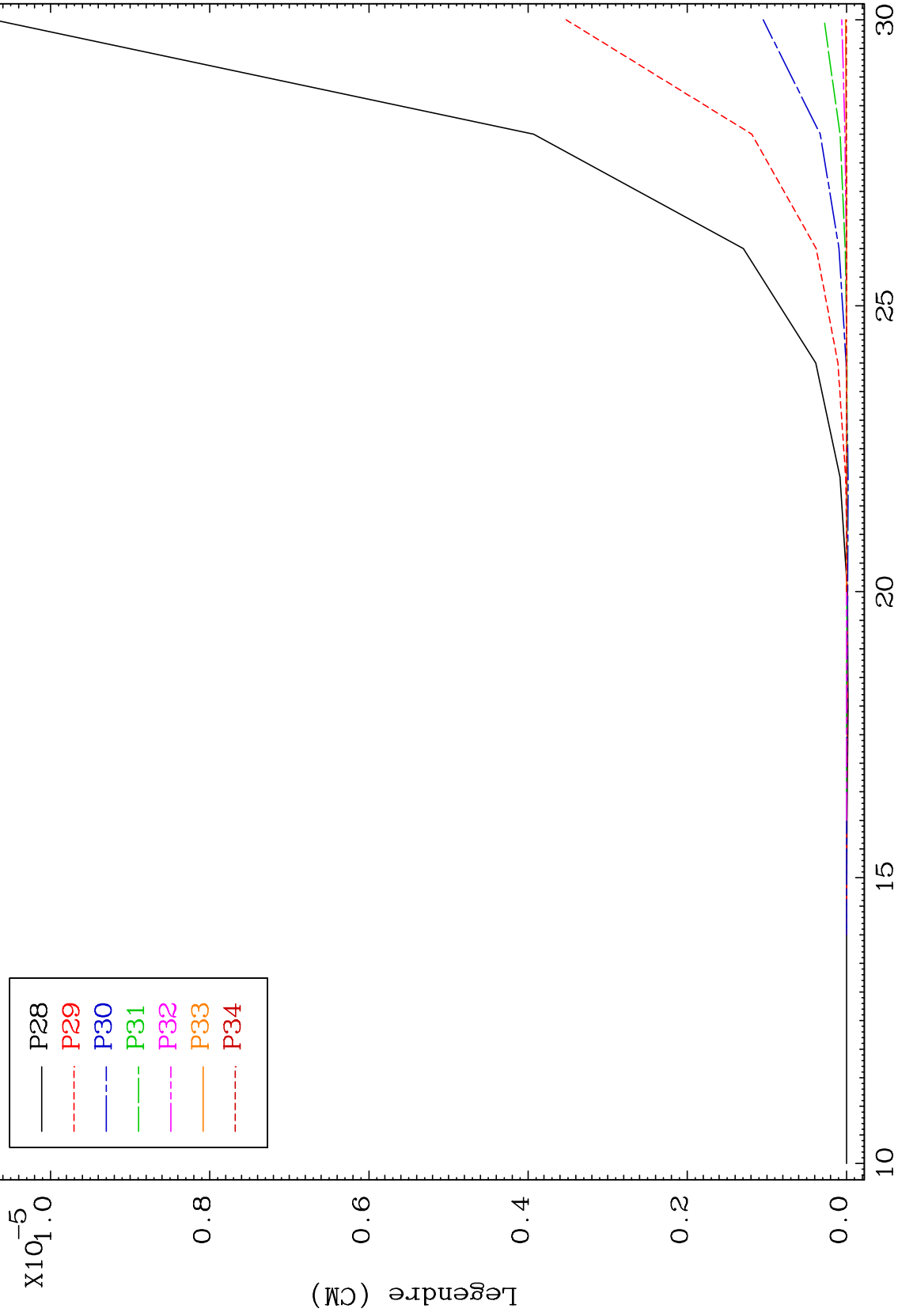
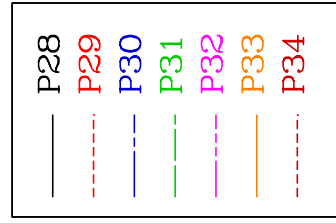
Incident Energy (MeV)

83-Bi-196

MAT 8286

Elastic Legendre Coefficients

83-Bi-196



19

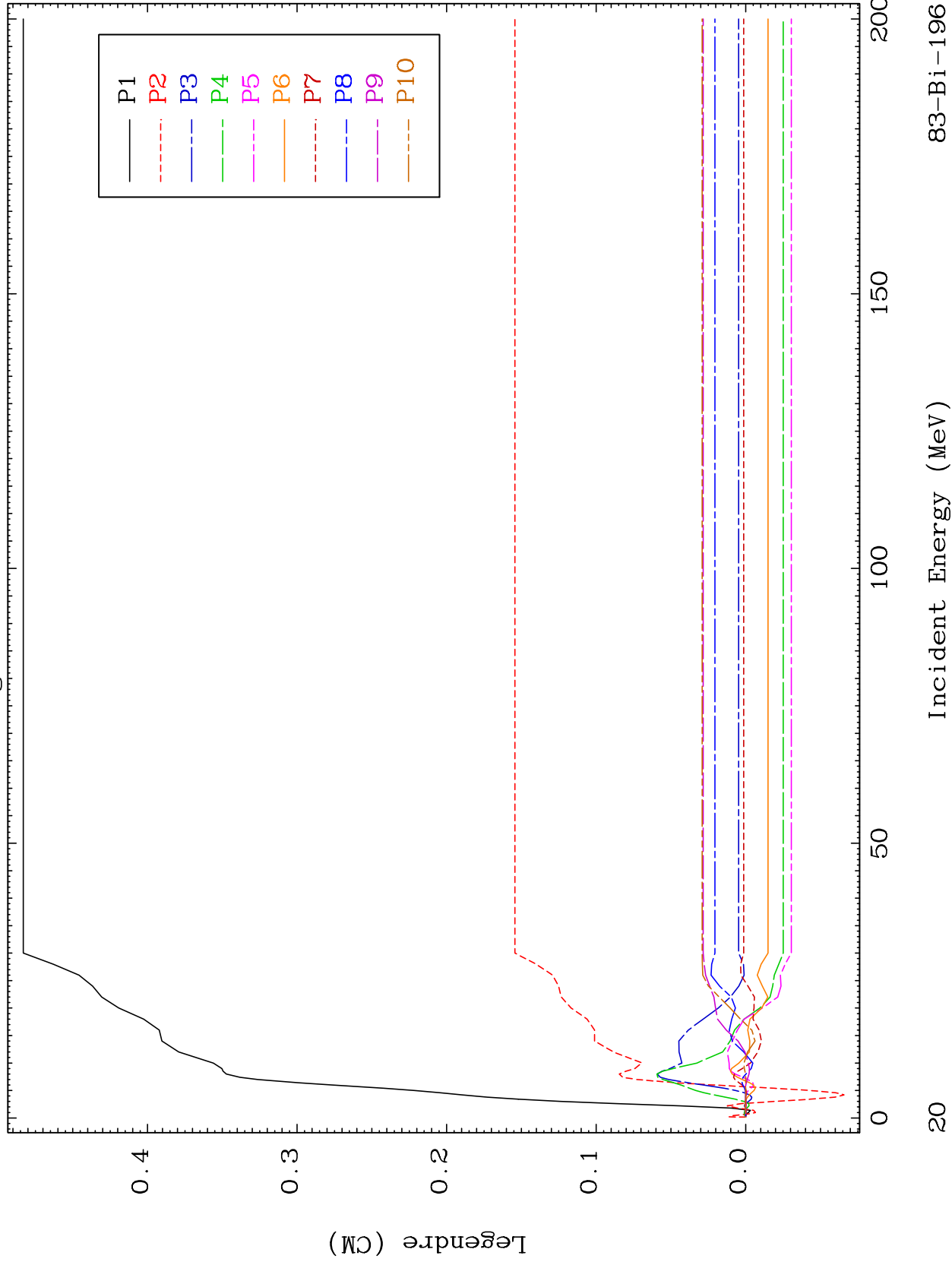
Incident Energy (MeV)

83-Bi-196

MAT 8286

158.3 keV (n,n') Level
Legendre Coefficients

83-Bi-196

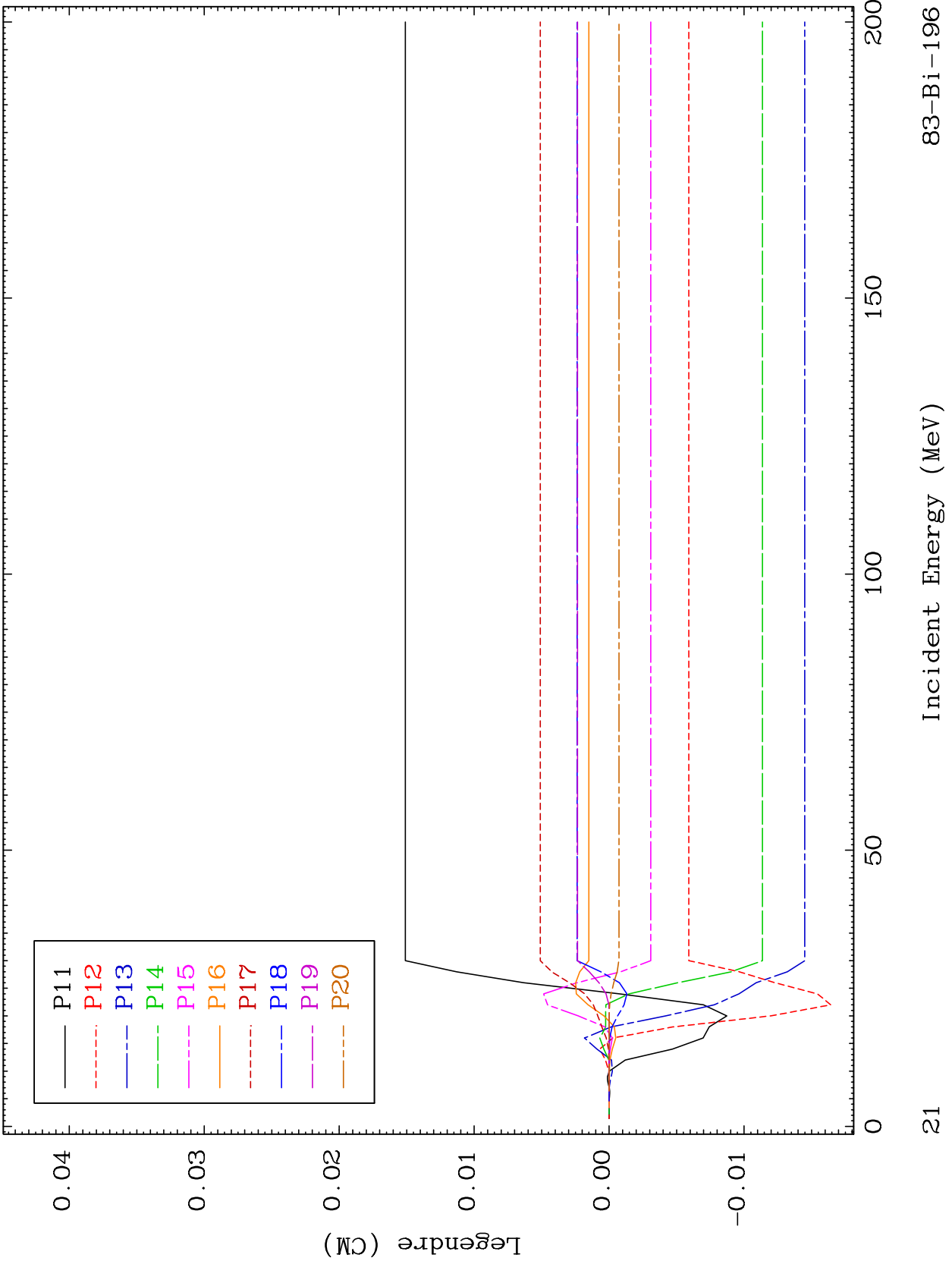


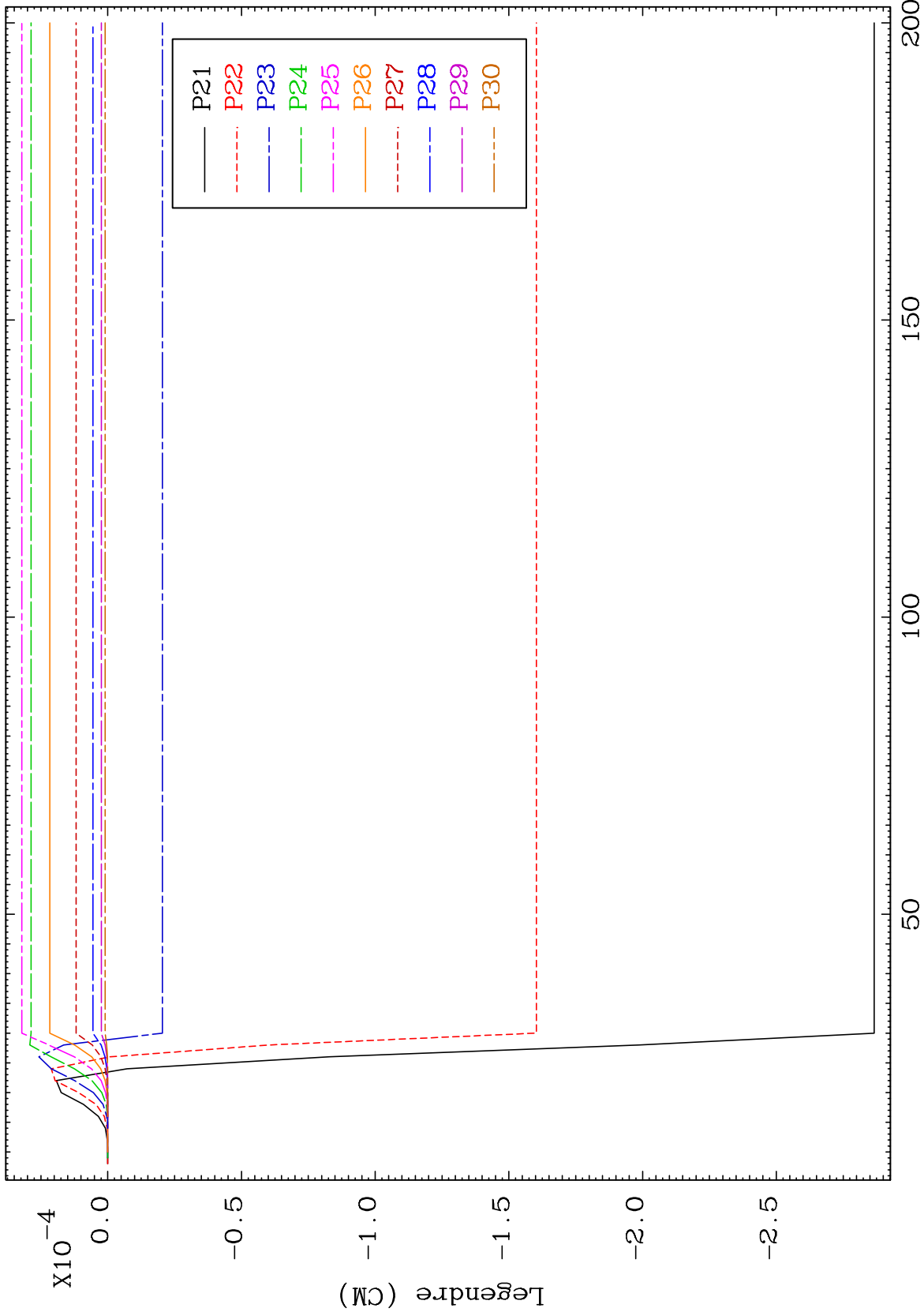
83-Bi-196

MAT 8286

158.3 keV (n,n') Level
Legendre Coefficients

83-Bi-196

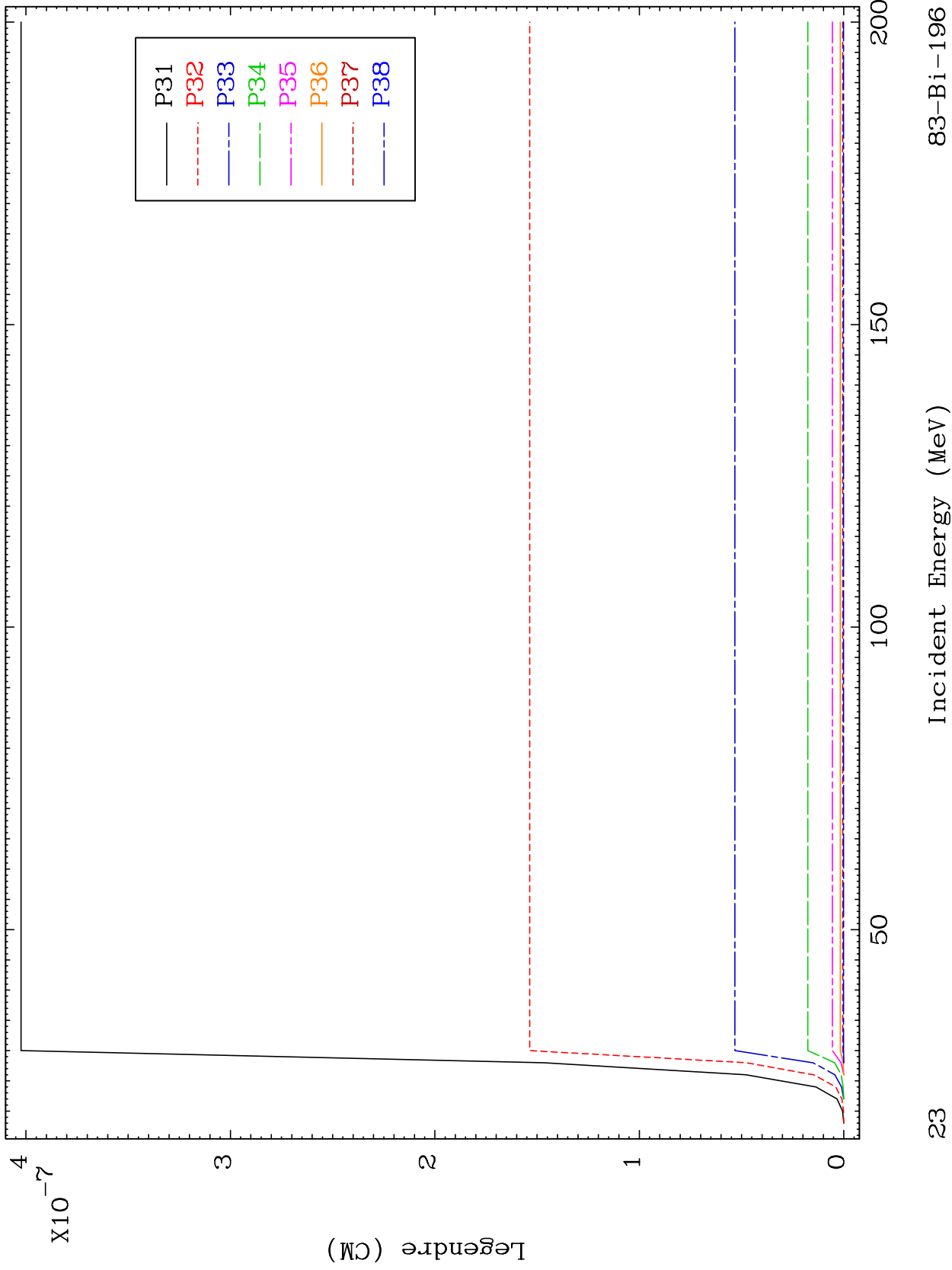




MAT 8286

158.3 keV (n,n') Level
Legendre Coefficients

83-Bi-196

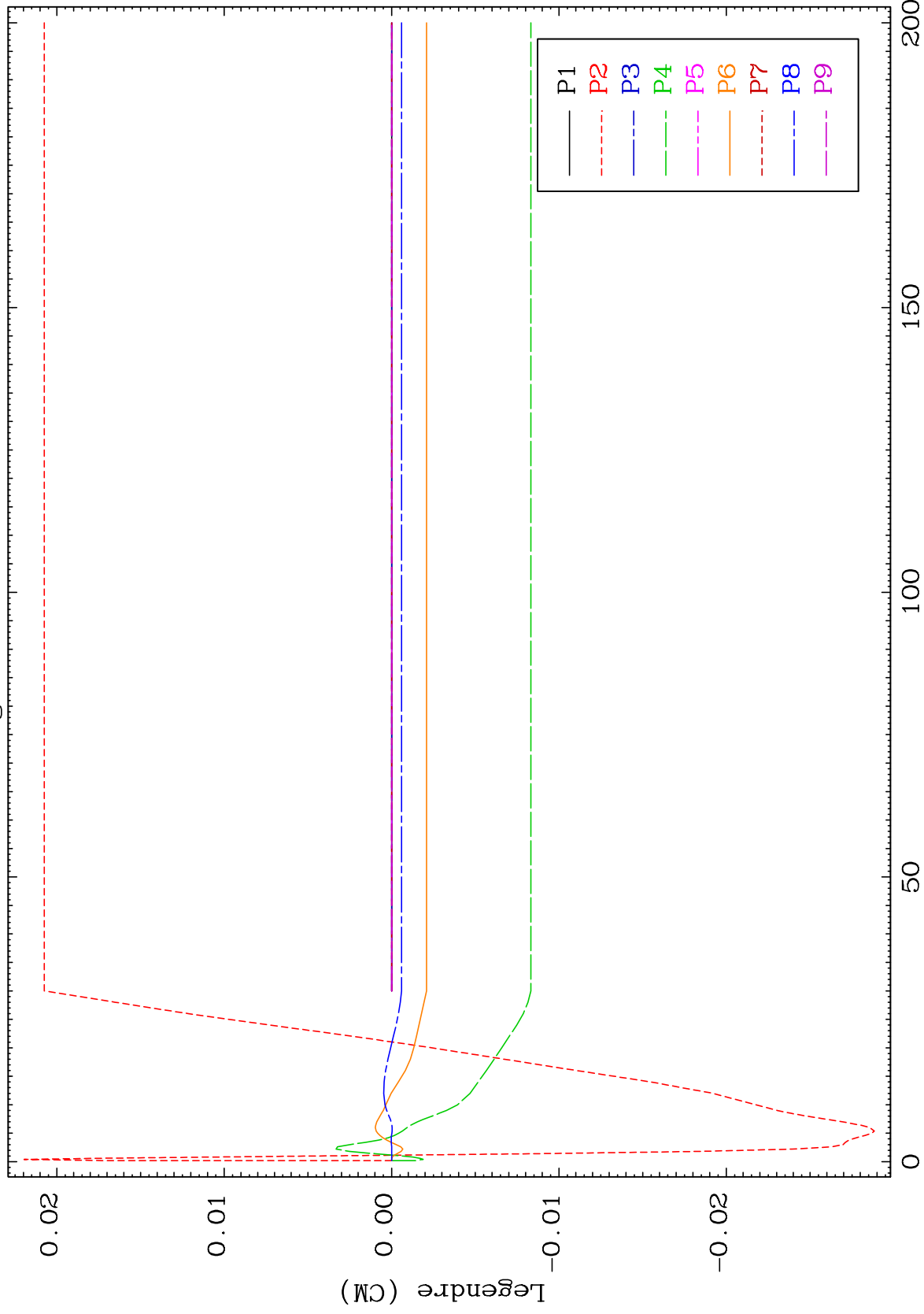


23

MAT 8286

169.0 keV (n,n') Level
Legendre Coefficients

83-Bi-196



24

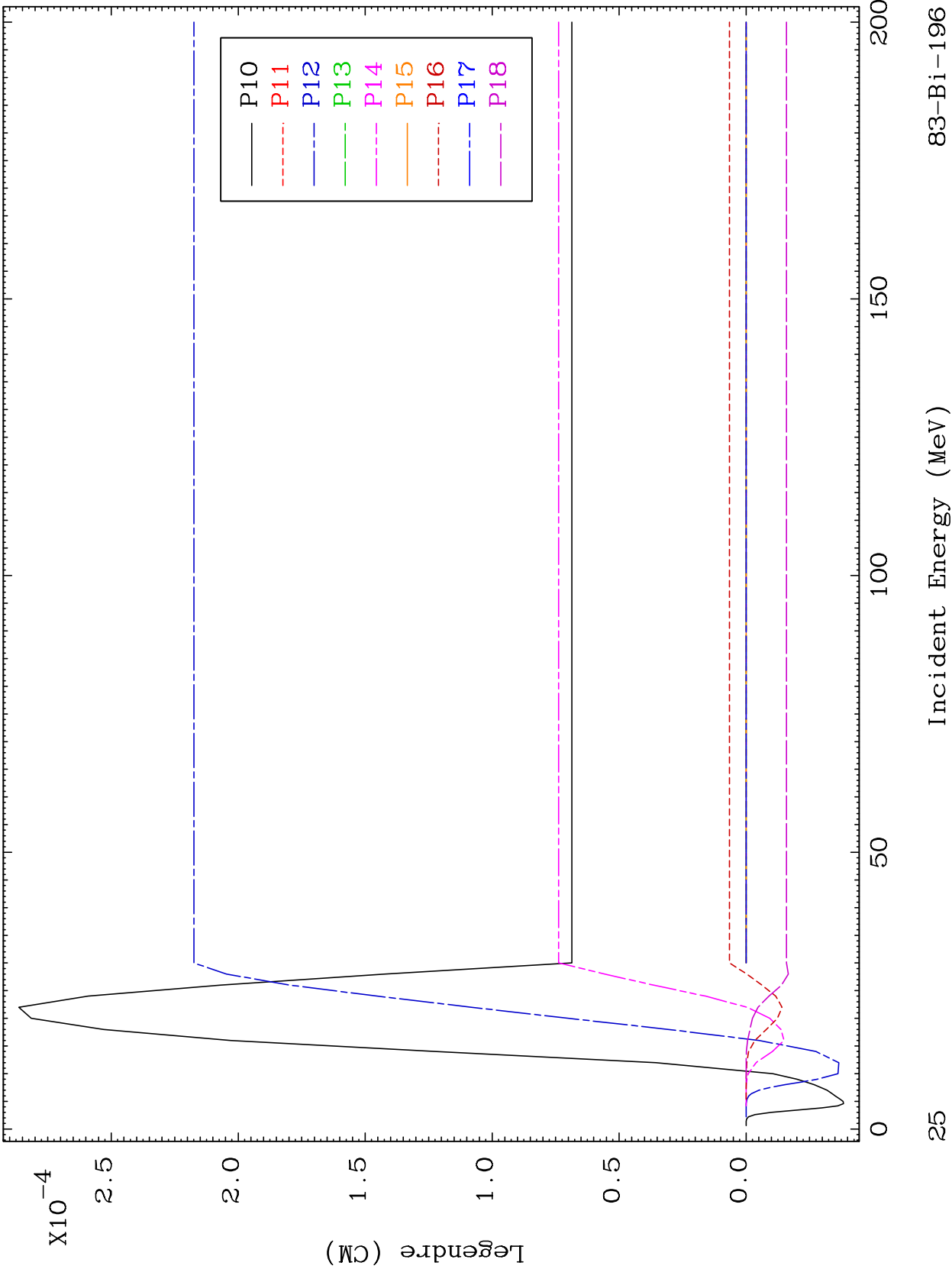
Incident Energy (MeV)

83-Bi-196

MAT 8286

169.0 keV (n,n') Level
Legendre Coefficients

83-Bi-196



83-Bi-196

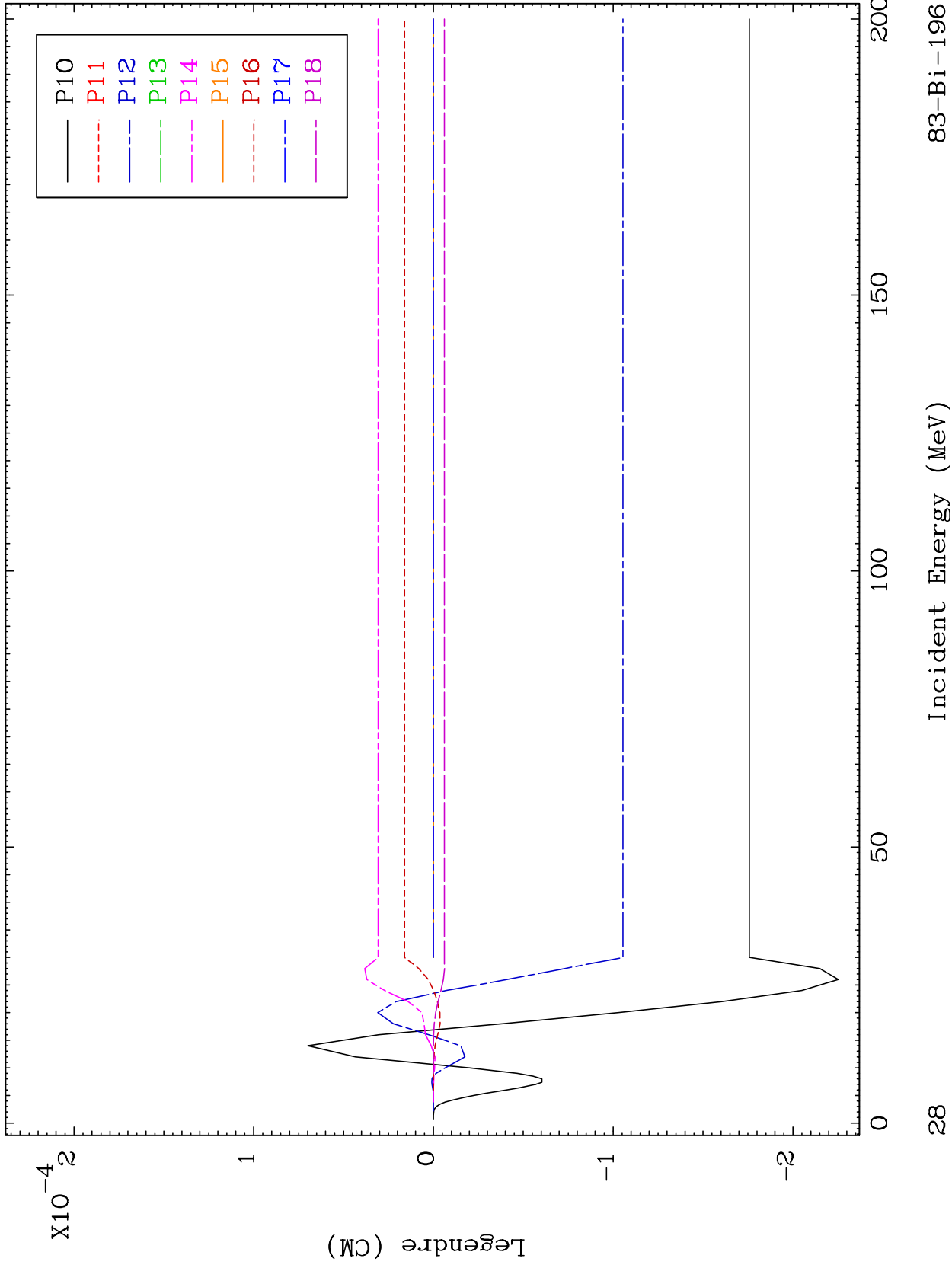
Incident Energy (MeV)

25

MAT 8286

271.0 keV (n,n') Level
Legendre Coefficients

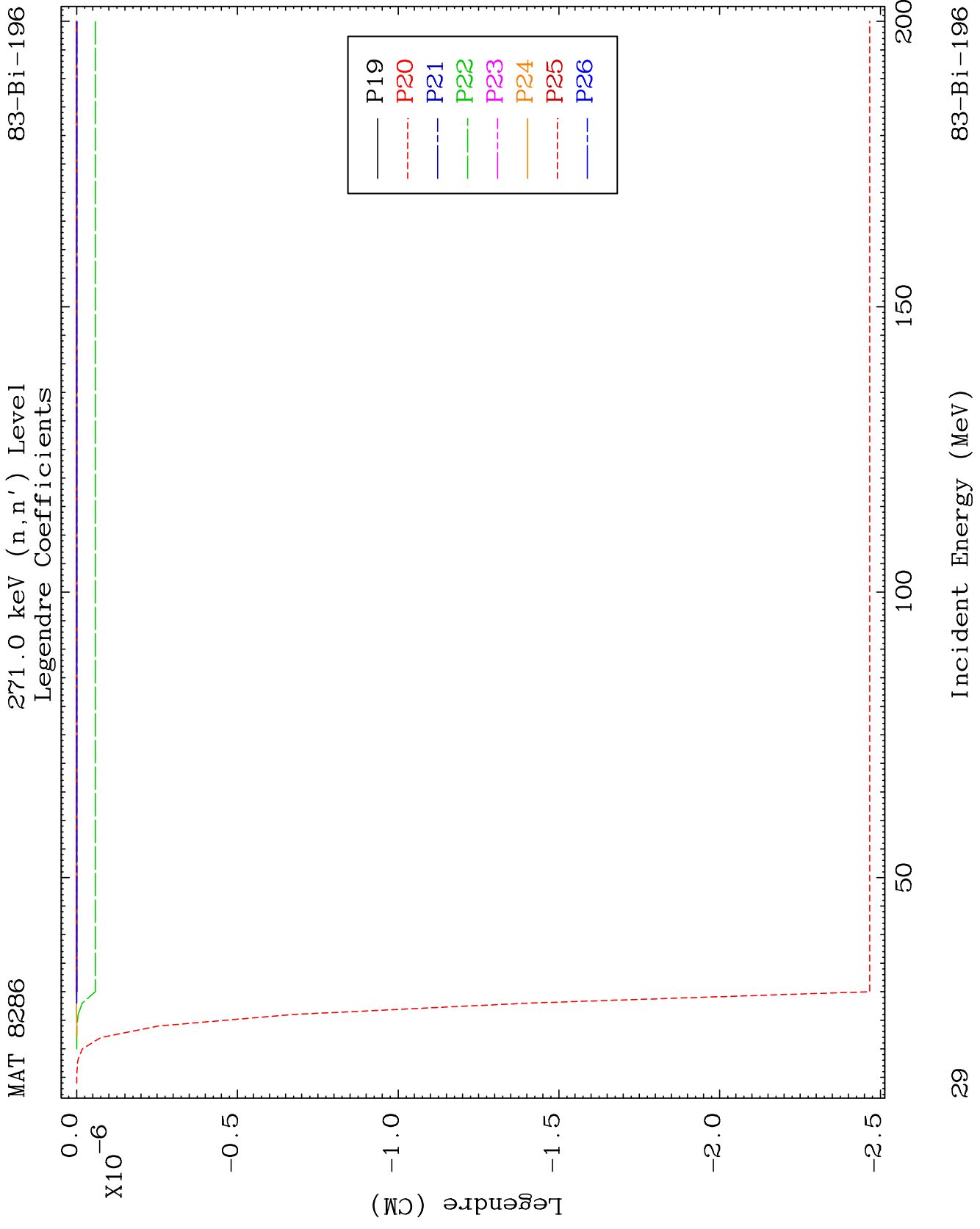
83-Bi-196



28

Incident Energy (MeV)

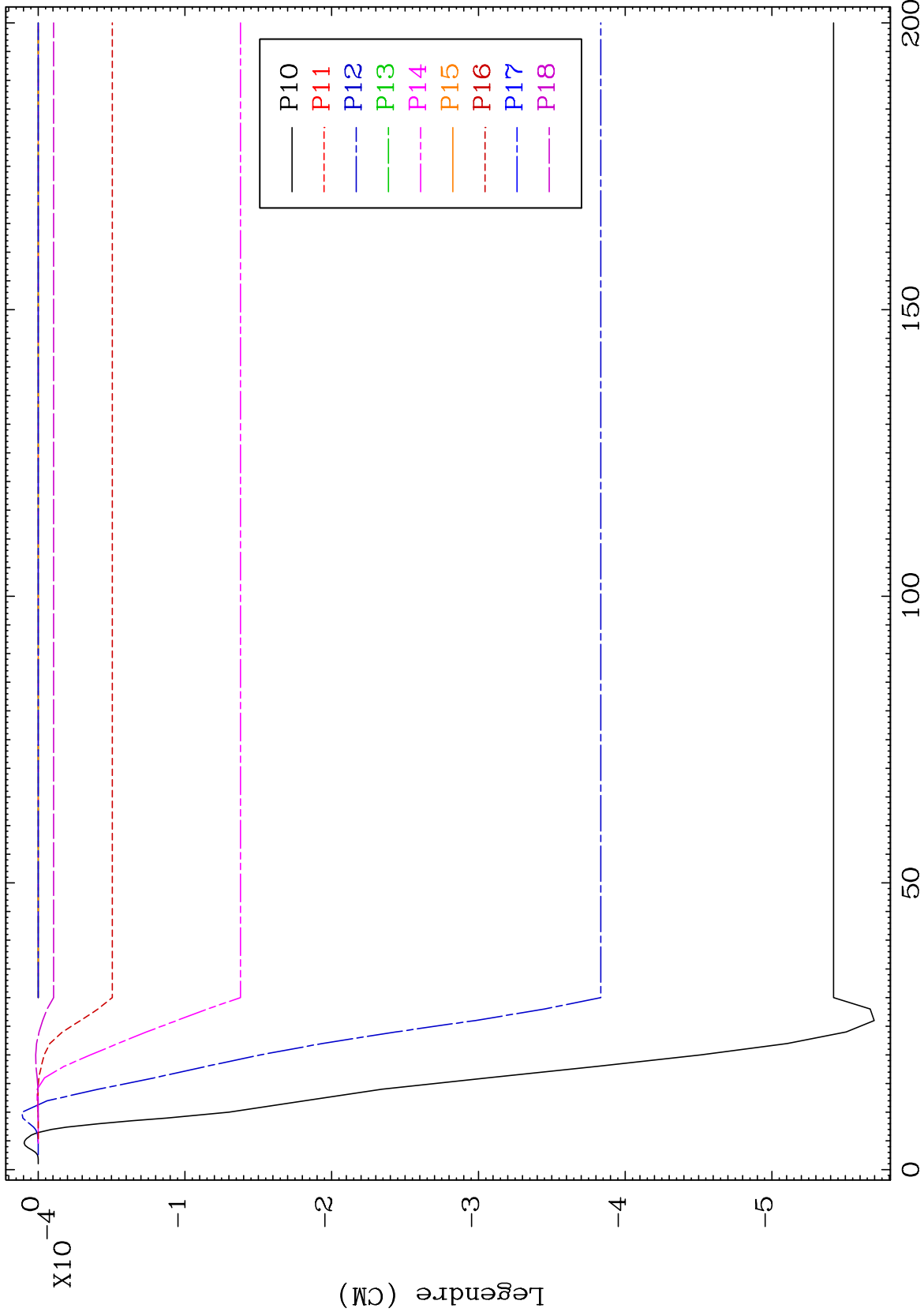
83-Bi-196



MAT 8286

298.1 keV (n,n') Level
Legendre Coefficients

83-Bi-196



31

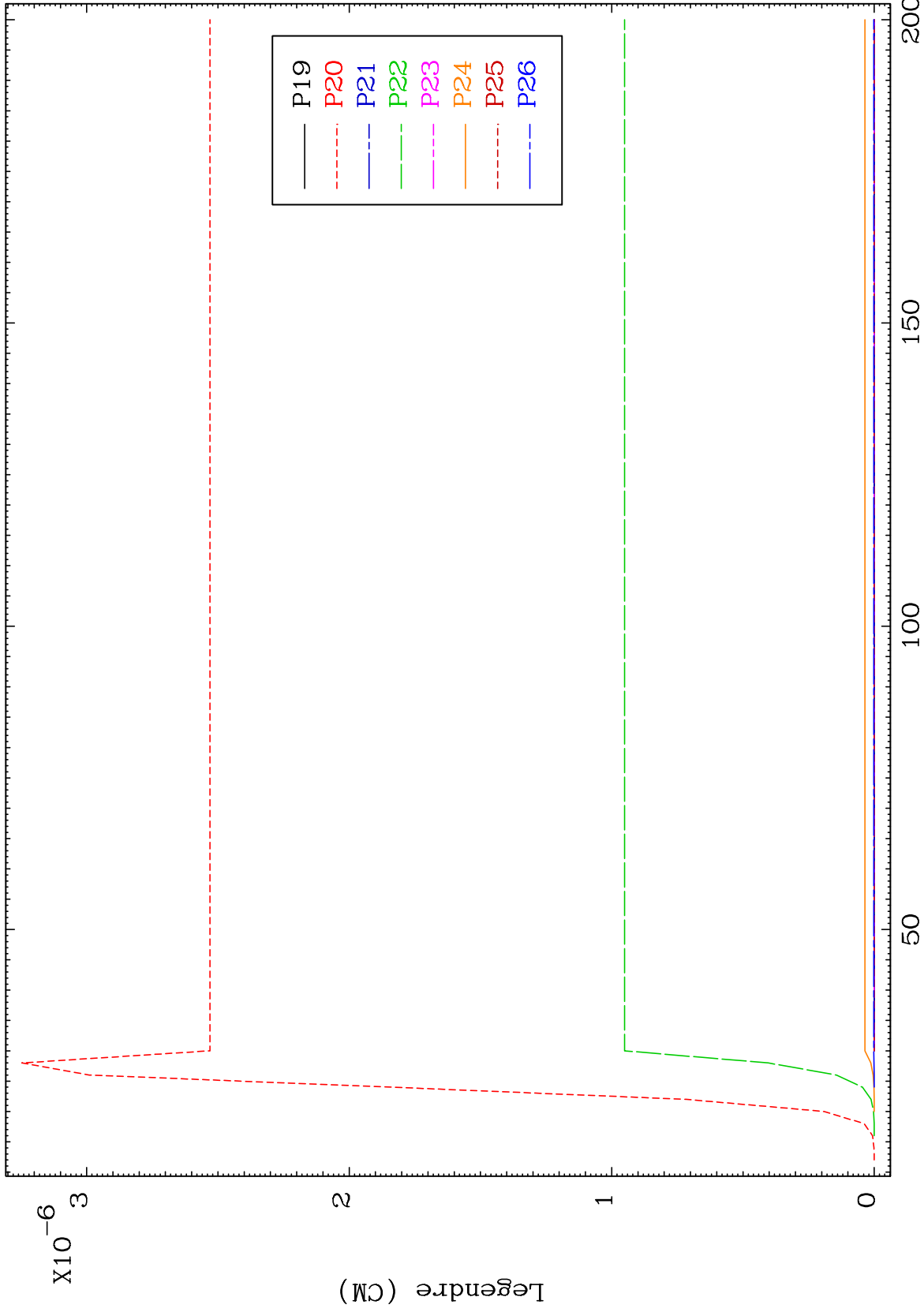
Incident Energy (MeV)

83-Bi-196

MAT 8286

298.1 keV (n,n') Level
Legendre Coefficients

83-Bi-196



32

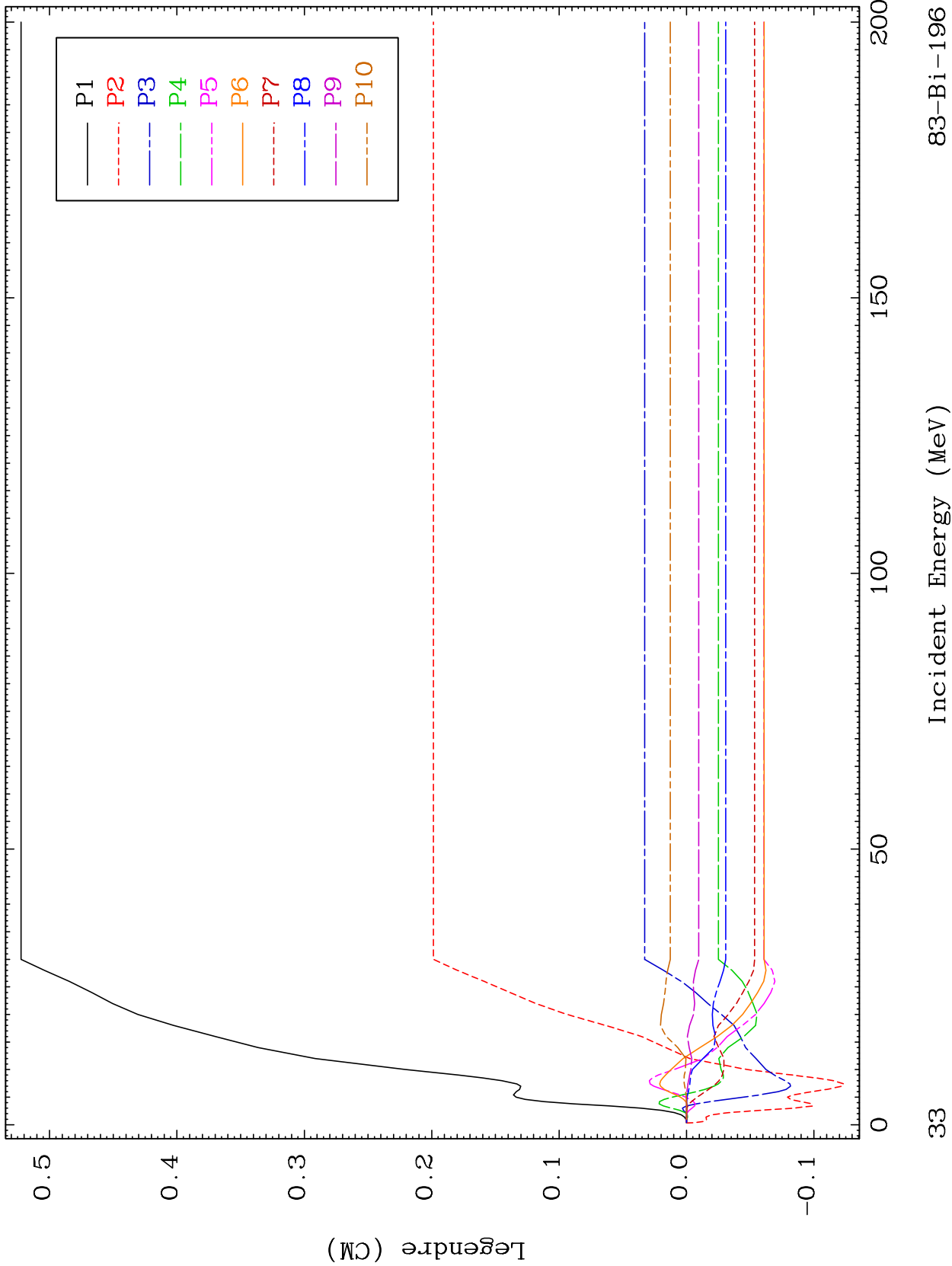
Incident Energy (MeV)

83-Bi-196

MAT 8286

306.1 keV (n,n') Level
Legendre Coefficients

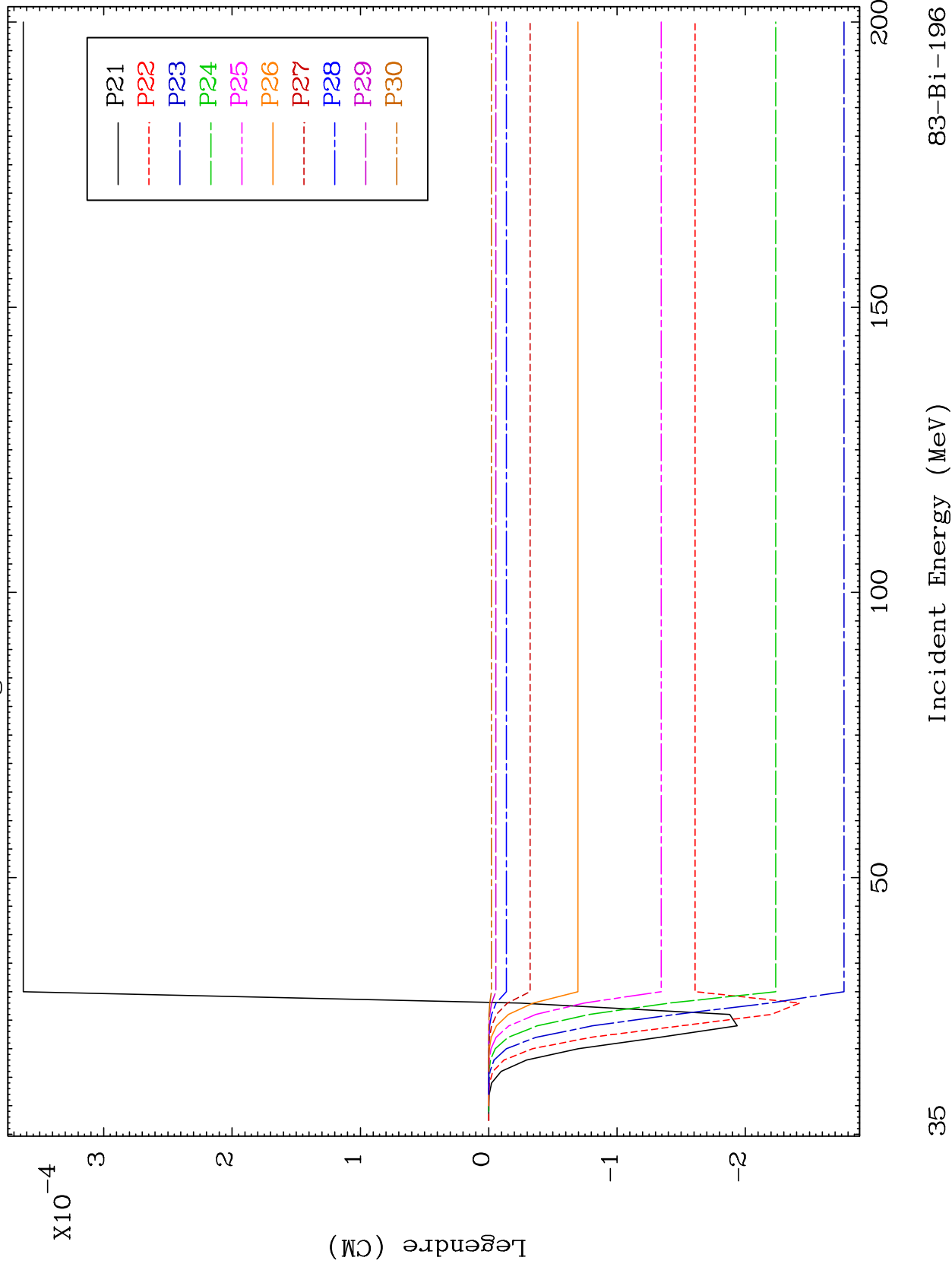
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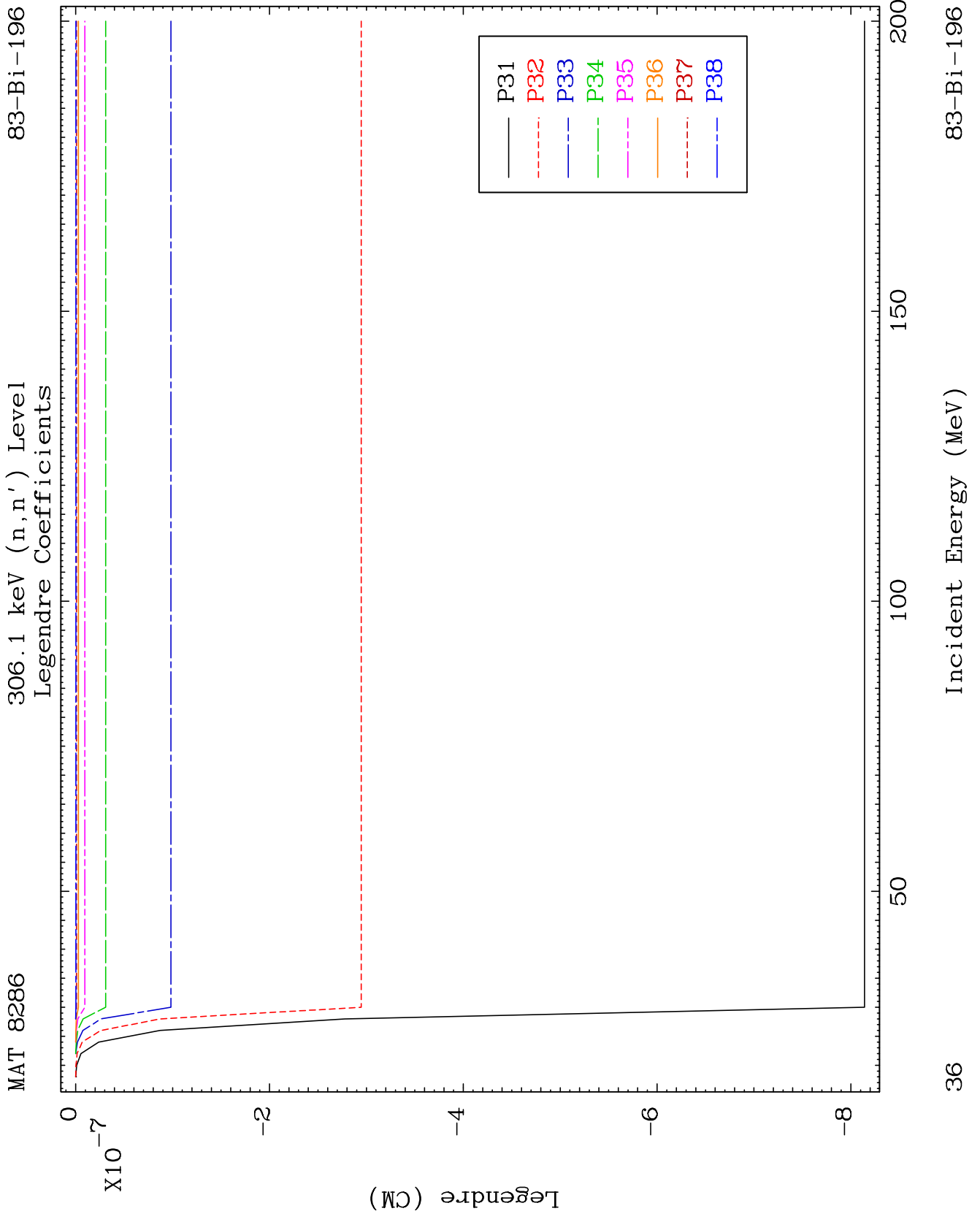


33

Incident Energy (MeV)

83-Bi-196

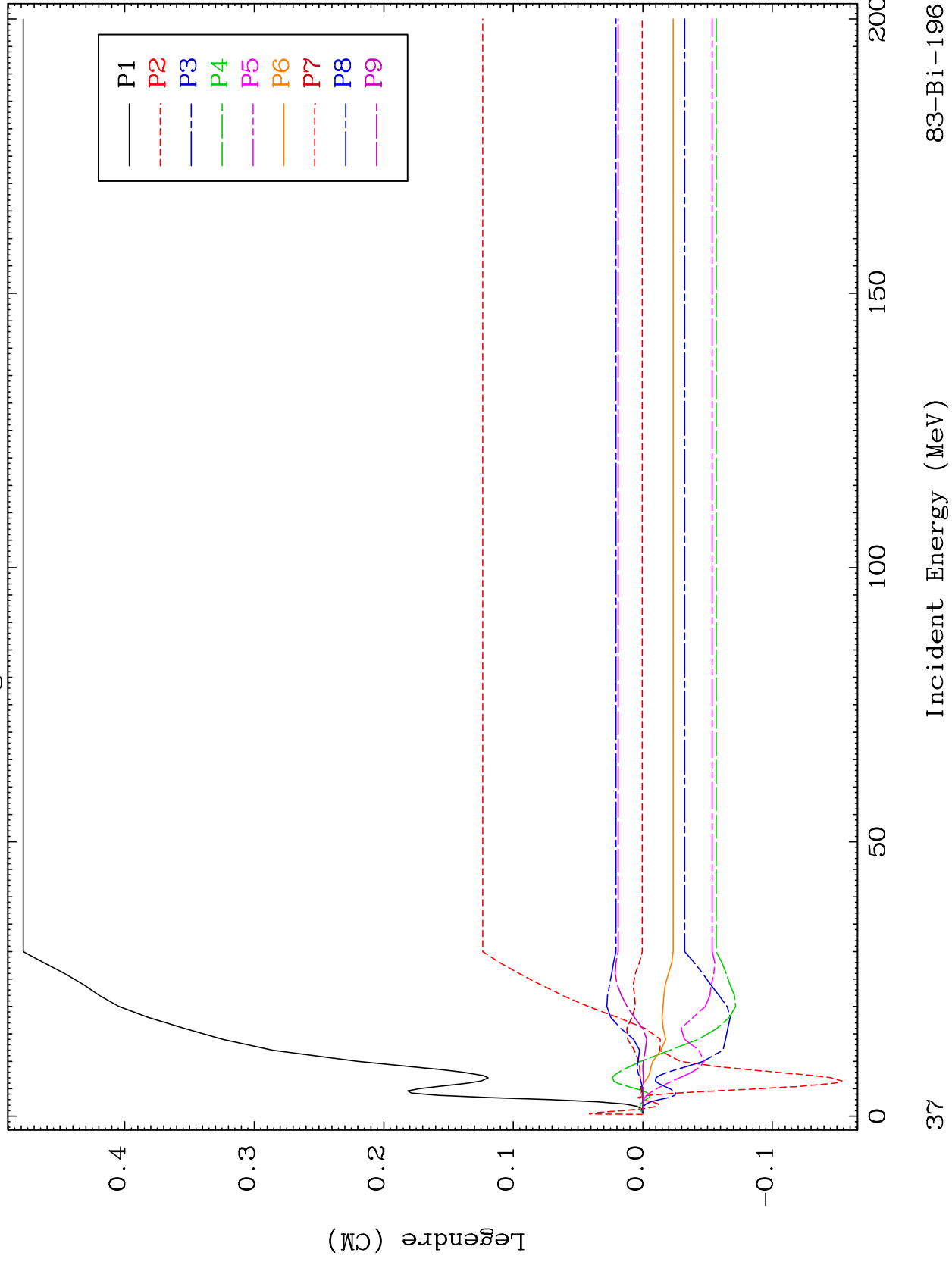




MAT 8286

313.2 keV (n,n') Level
Legendre Coefficients

83-Bi-196



83-Bi-196

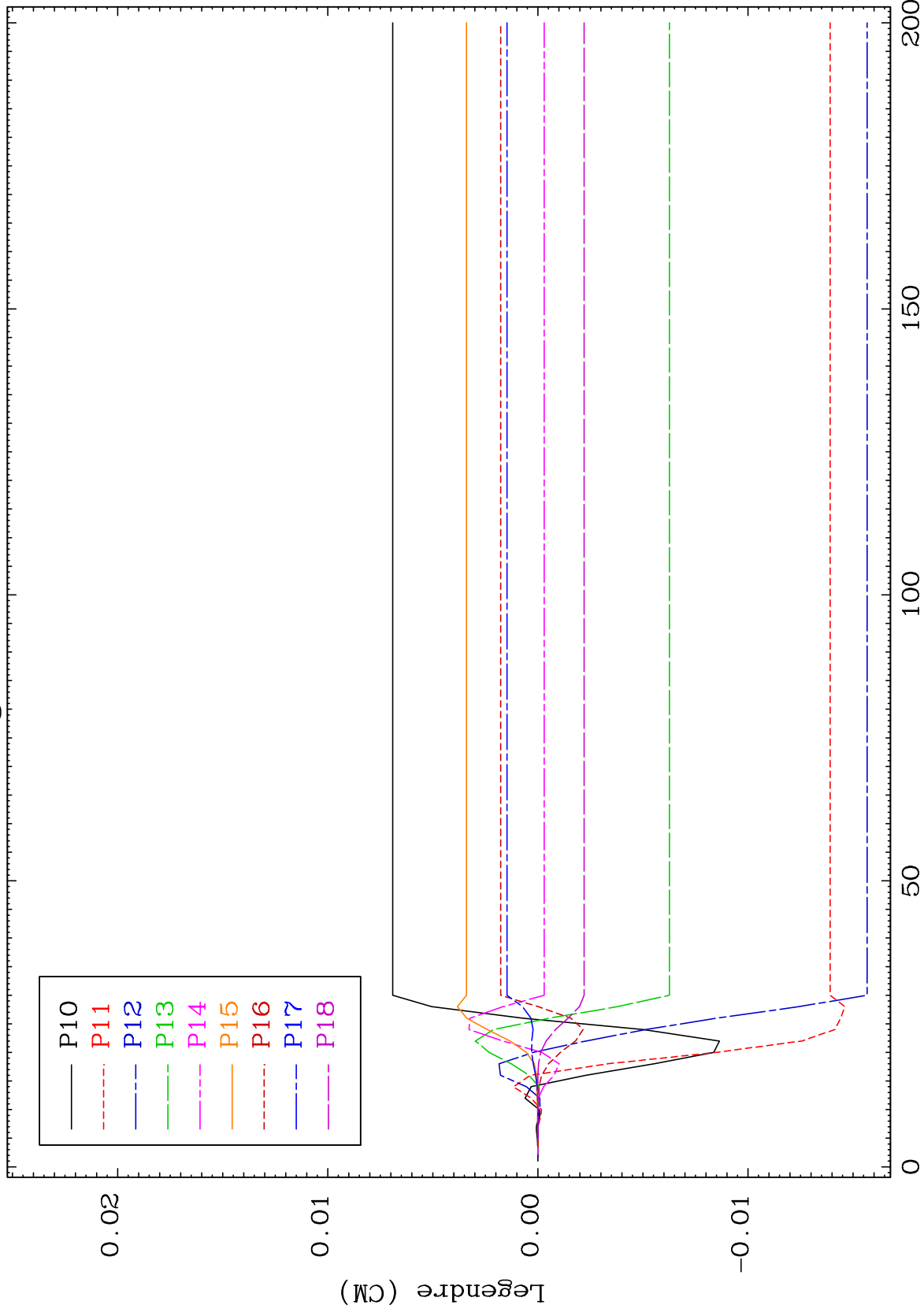
Incident Energy (MeV)

37

MAT 8286

313.2 keV (n,n') Level
Legendre Coefficients

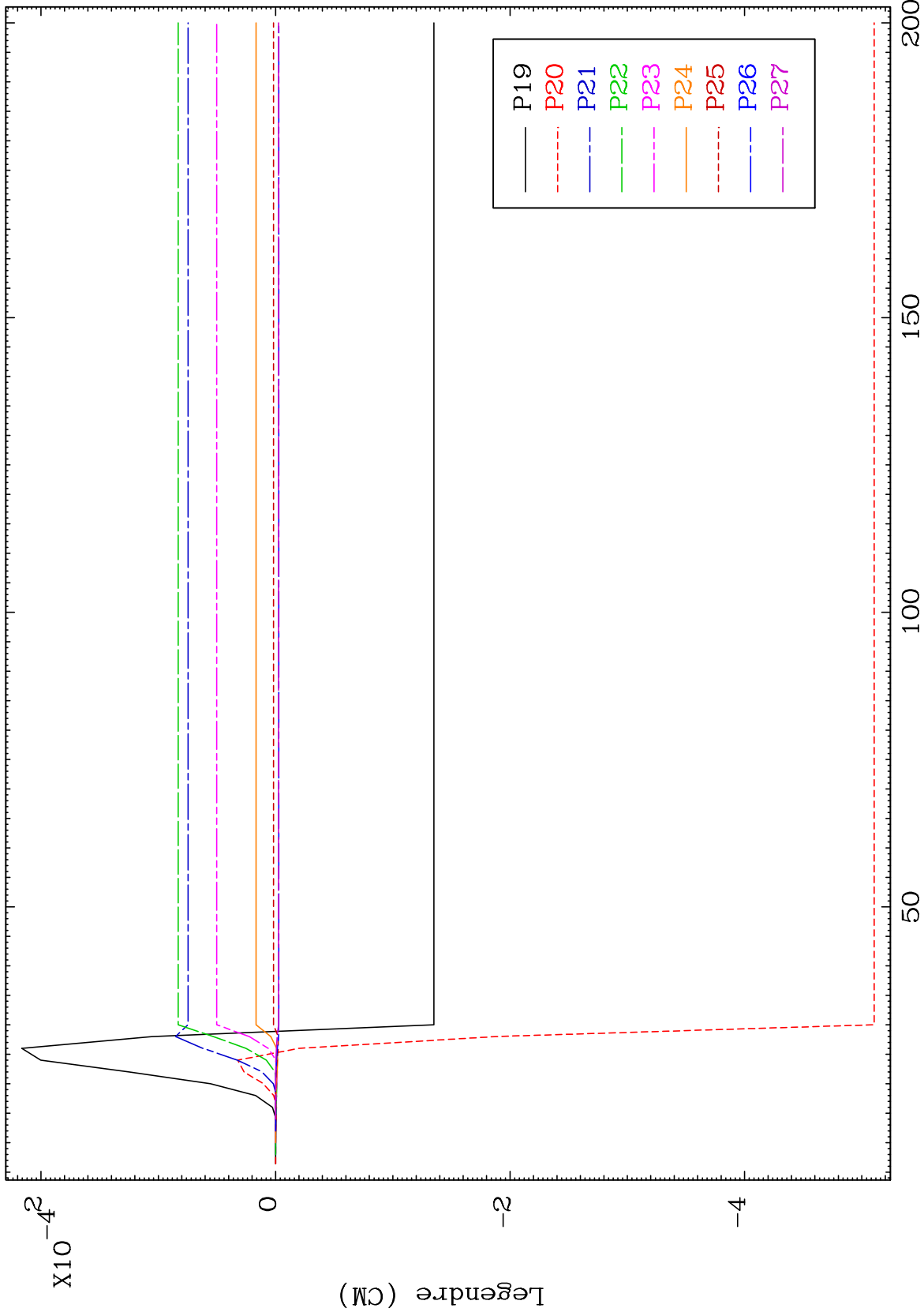
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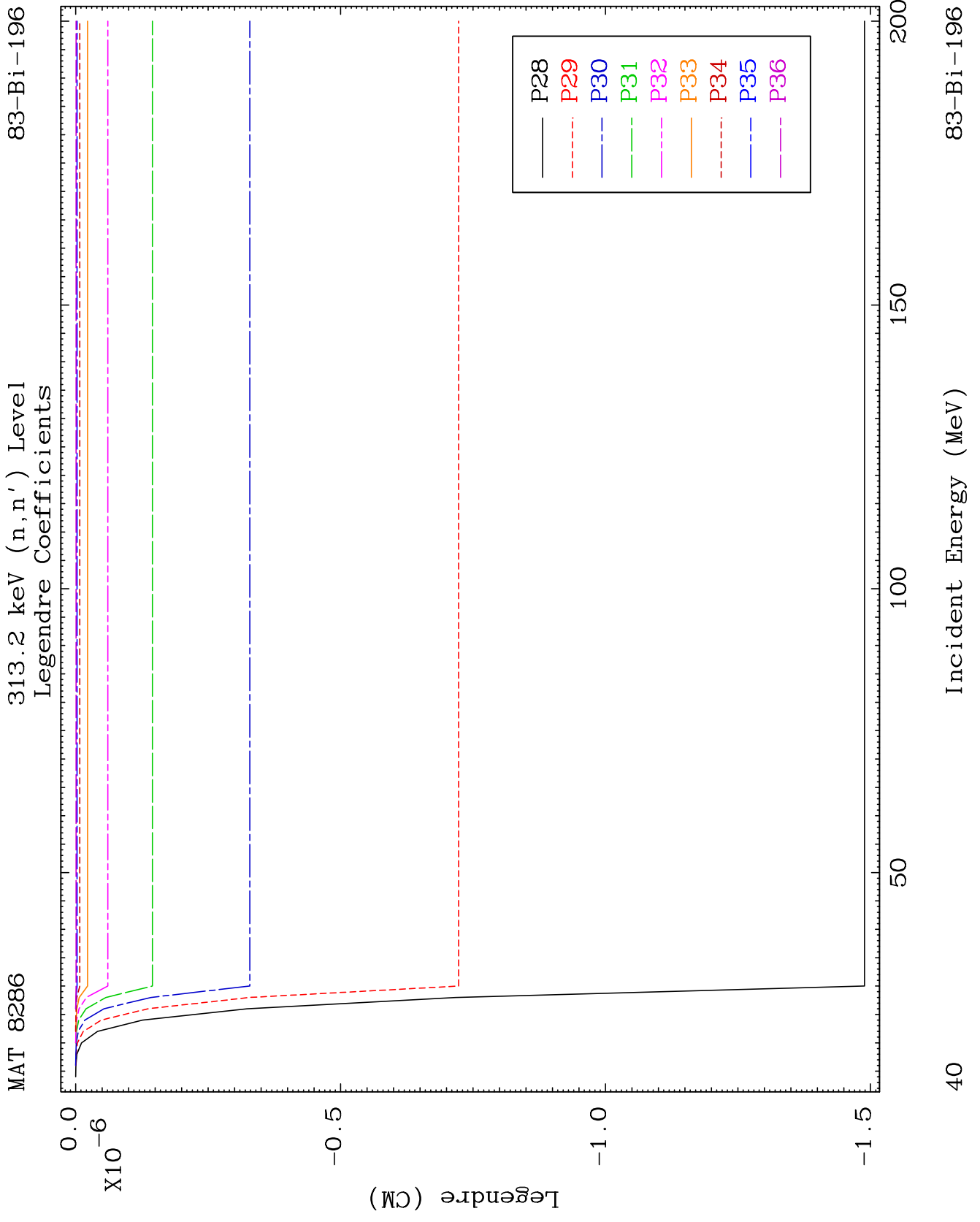


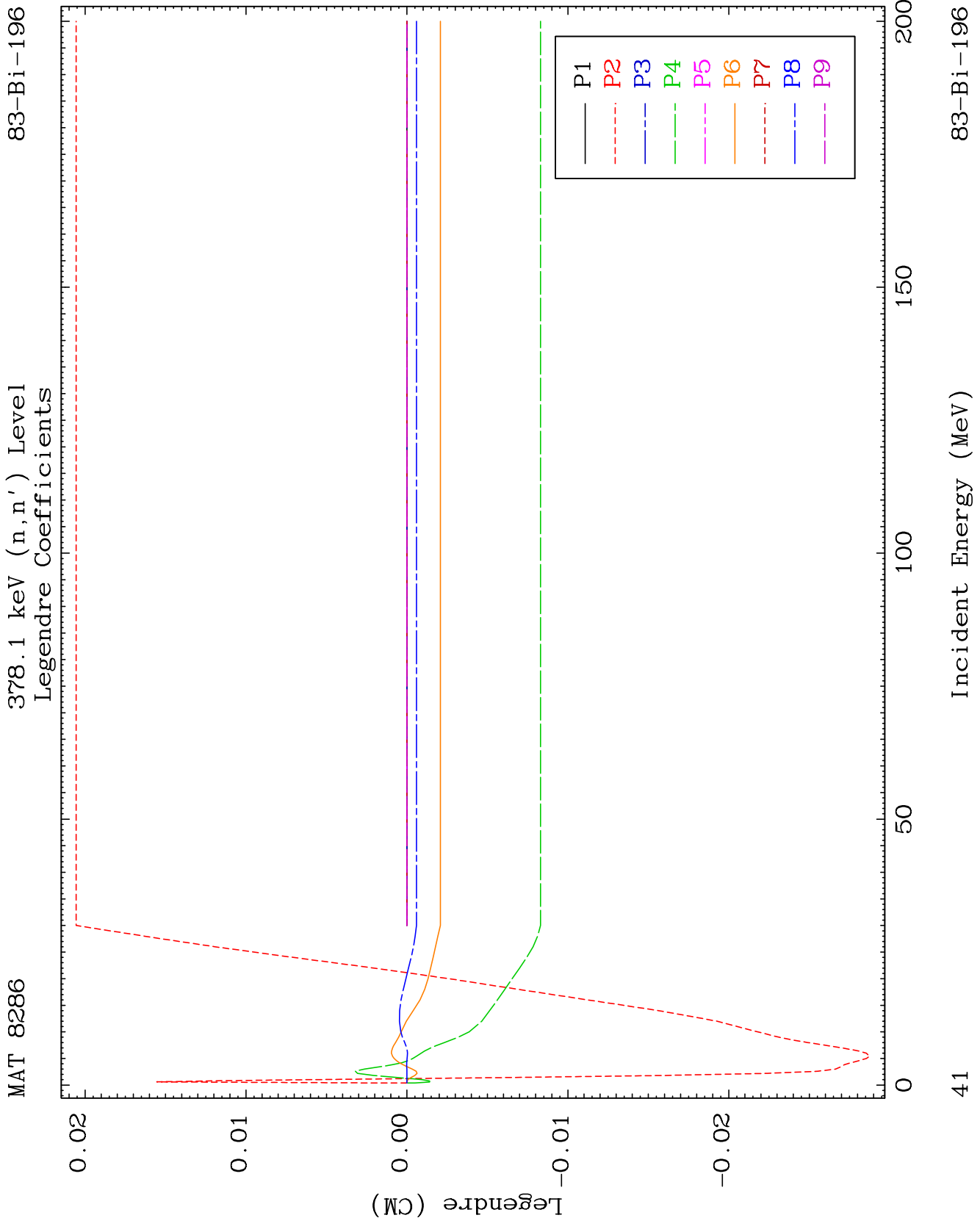
38

Incident Energy (MeV)

83-Bi-196



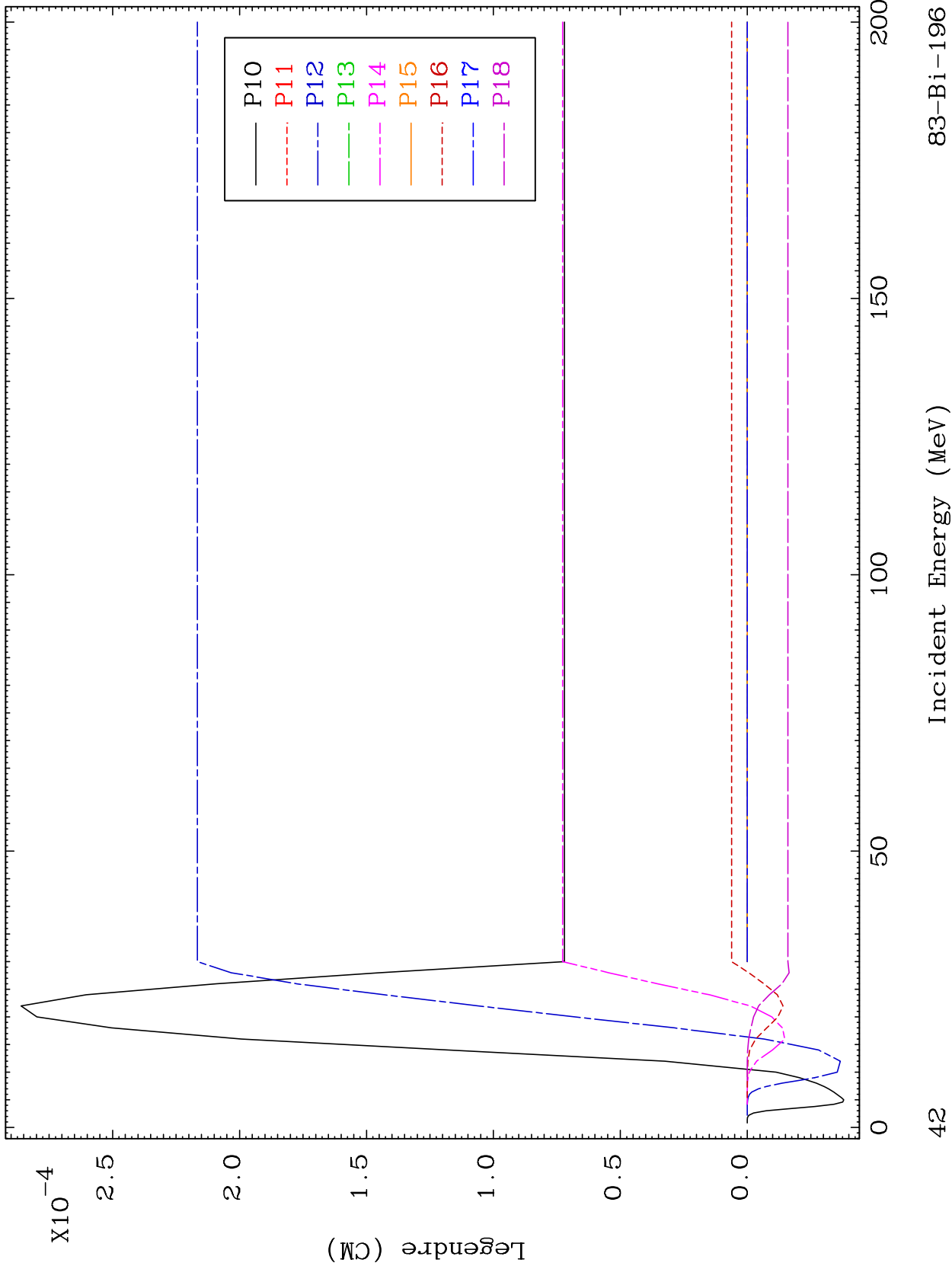




MAT 8286

378.1 keV (n,n') Level
Legendre Coefficients

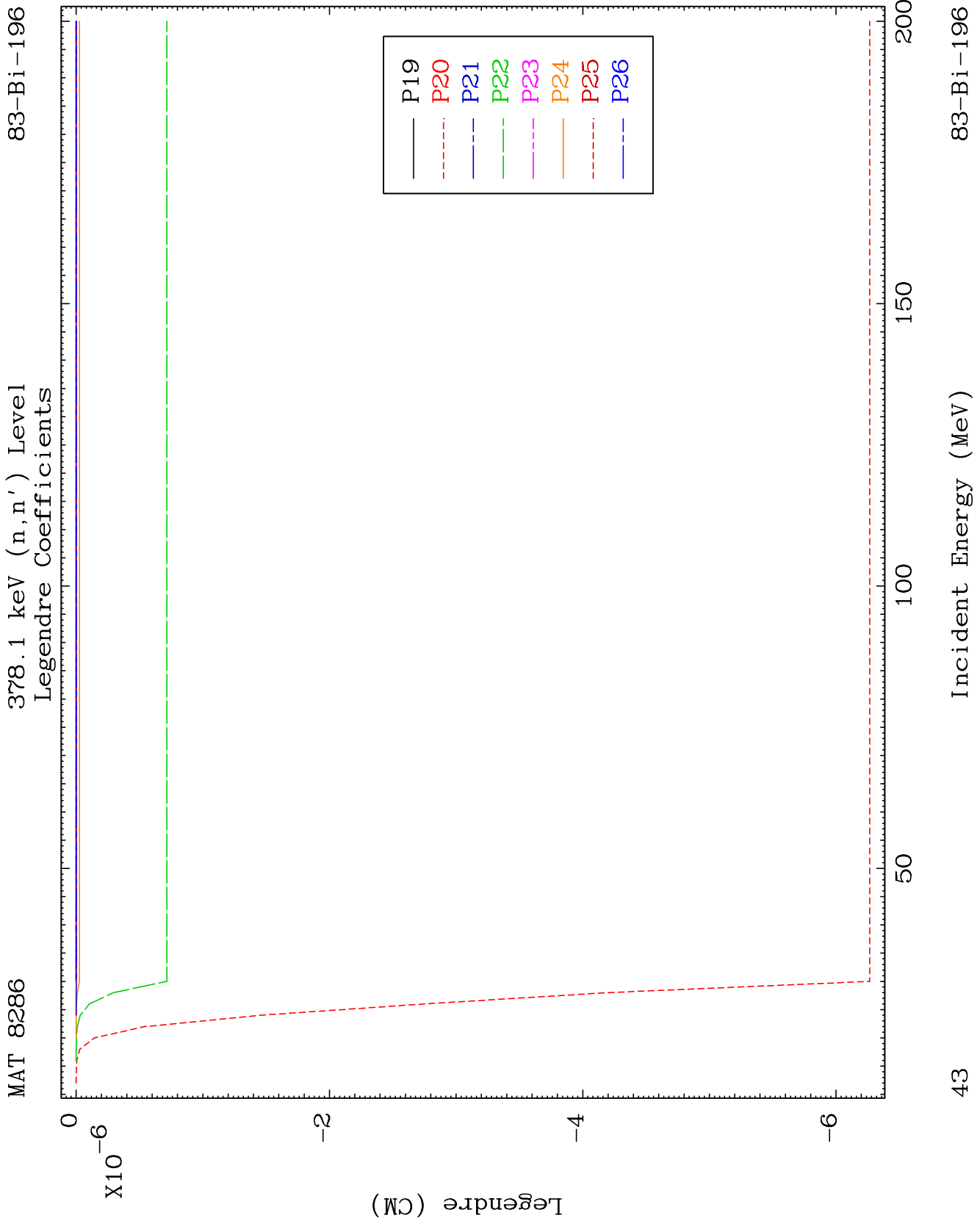
83-Bi-196



83-Bi-196

Incident Energy (MeV)

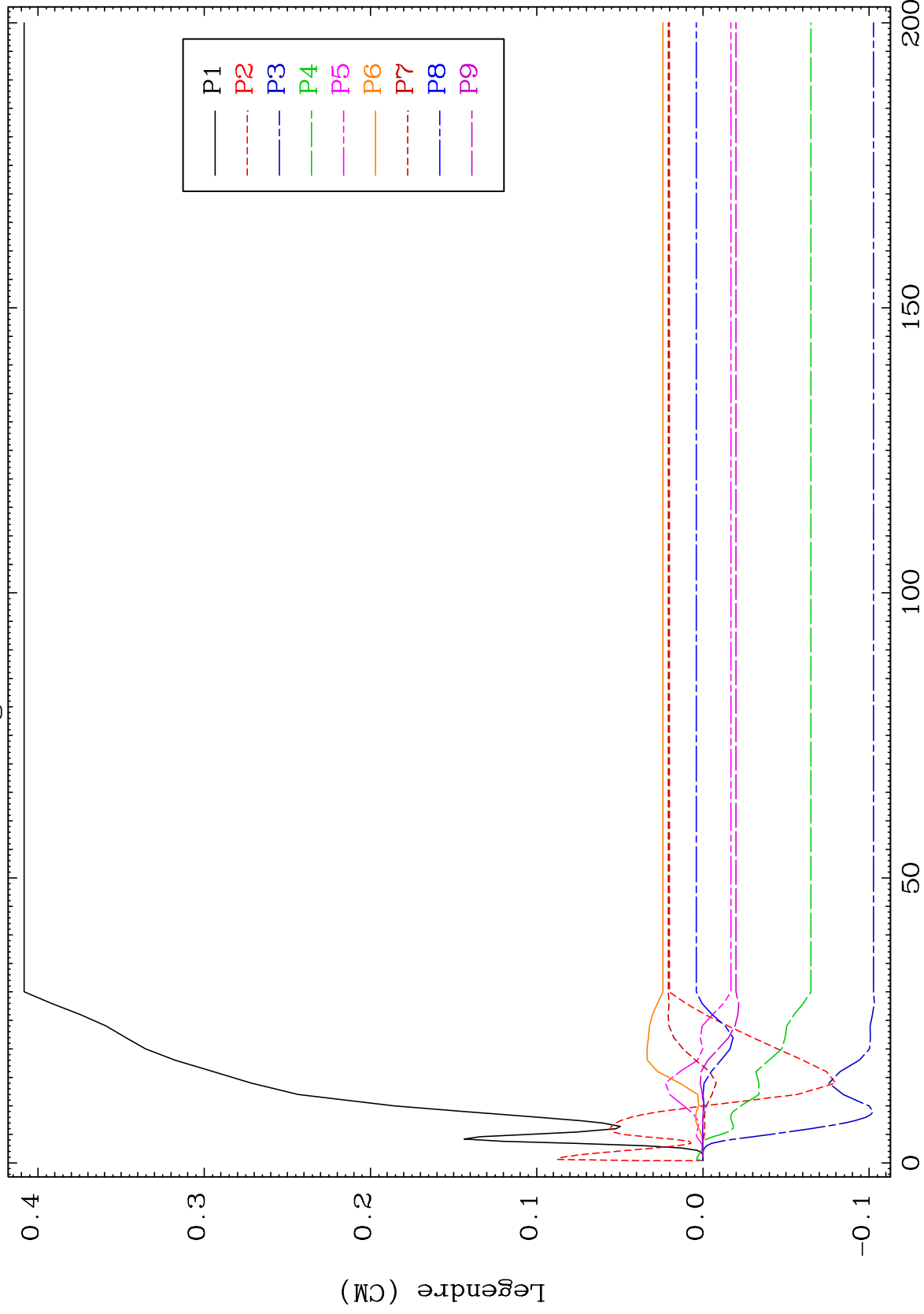
42



MAT 8286

382.2 keV (n,n') Level
Legendre Coefficients

83-Bi-196



44

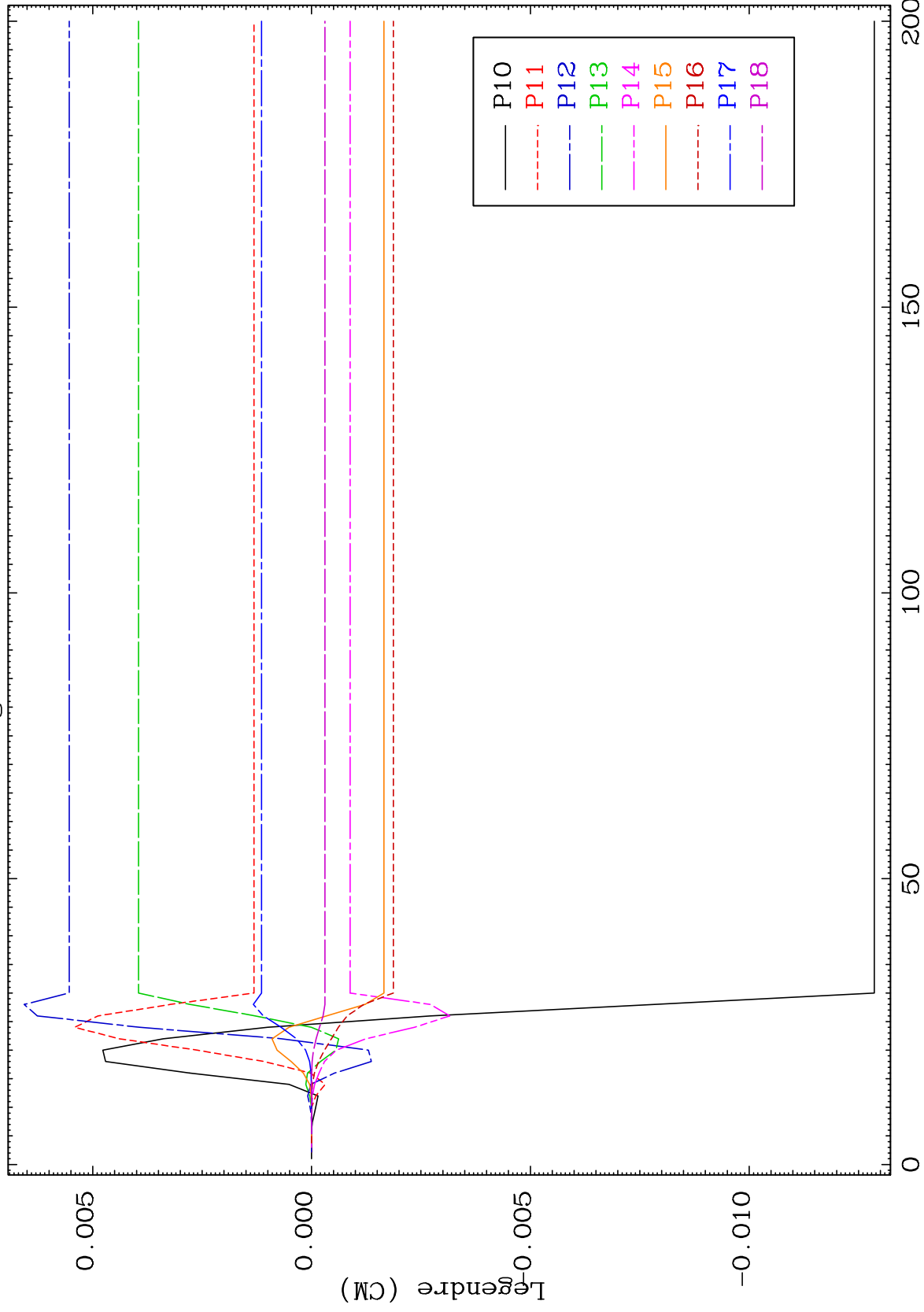
Incident Energy (MeV)

83-Bi-196

MAT 8286

382.2 keV (n,n') Level
Legendre Coefficients

83-Bi-196



45

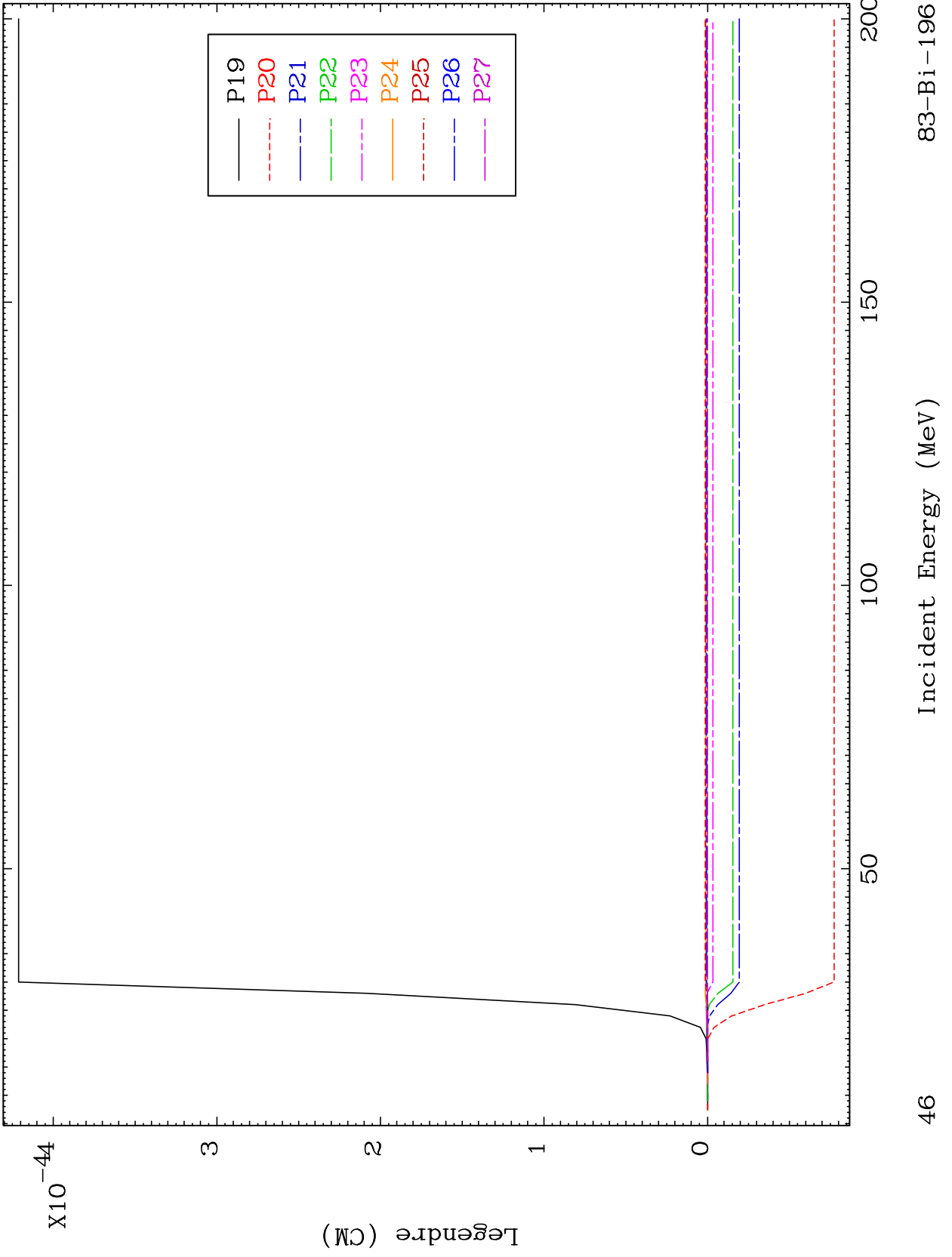
Incident Energy (MeV)

83-Bi-196

MAT 8286

382.2 keV (n,n') Level
Legendre Coefficients

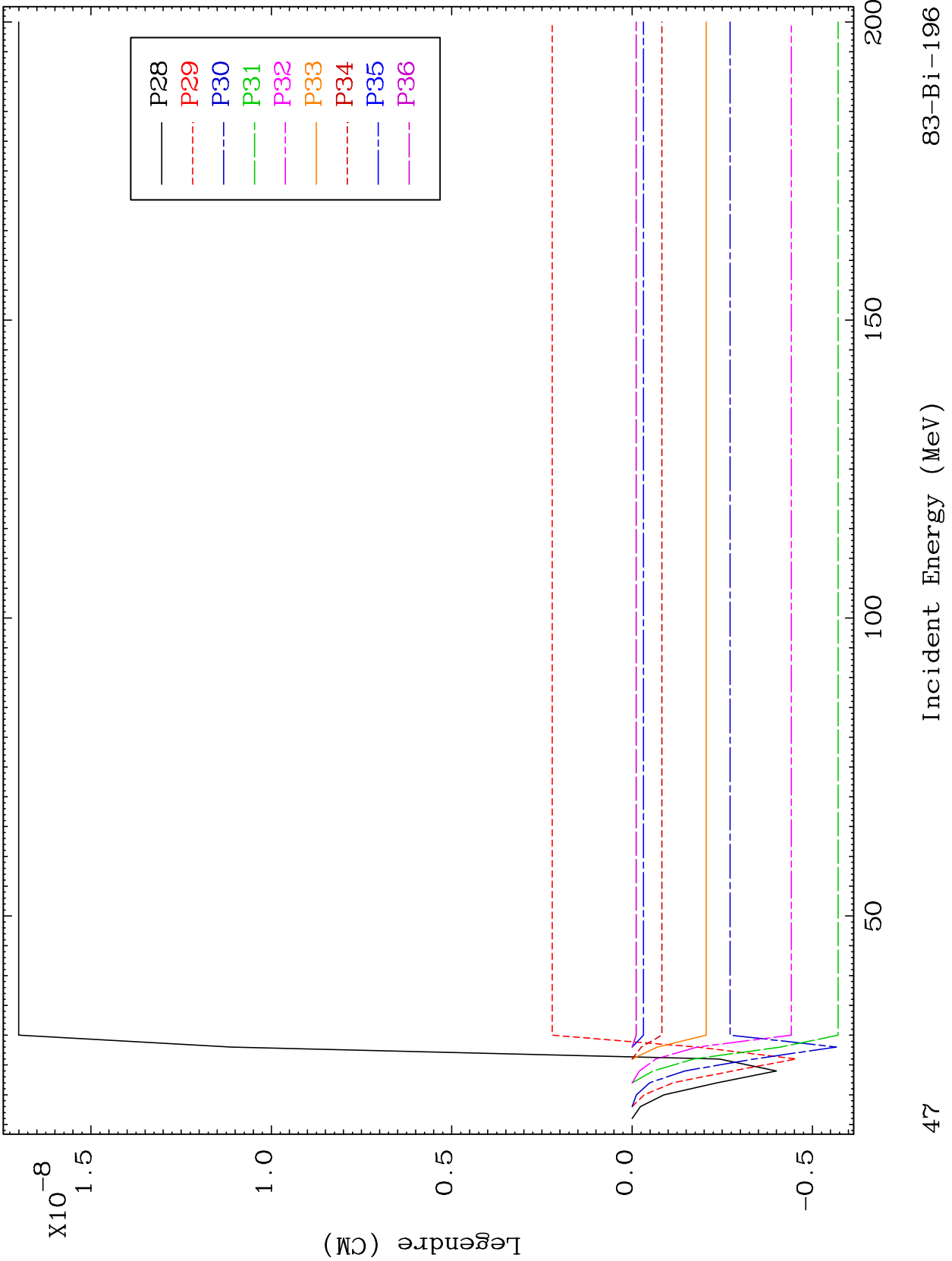
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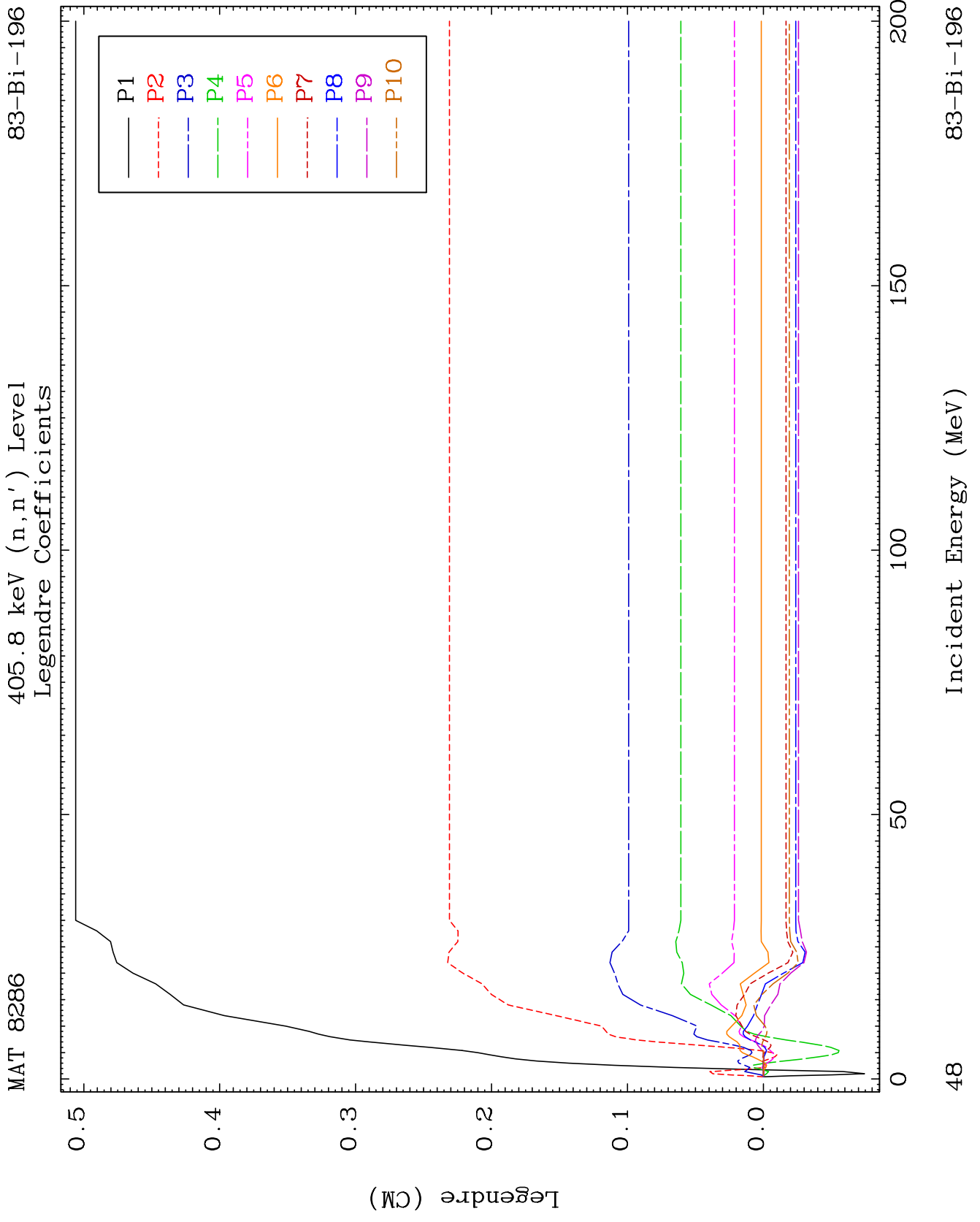


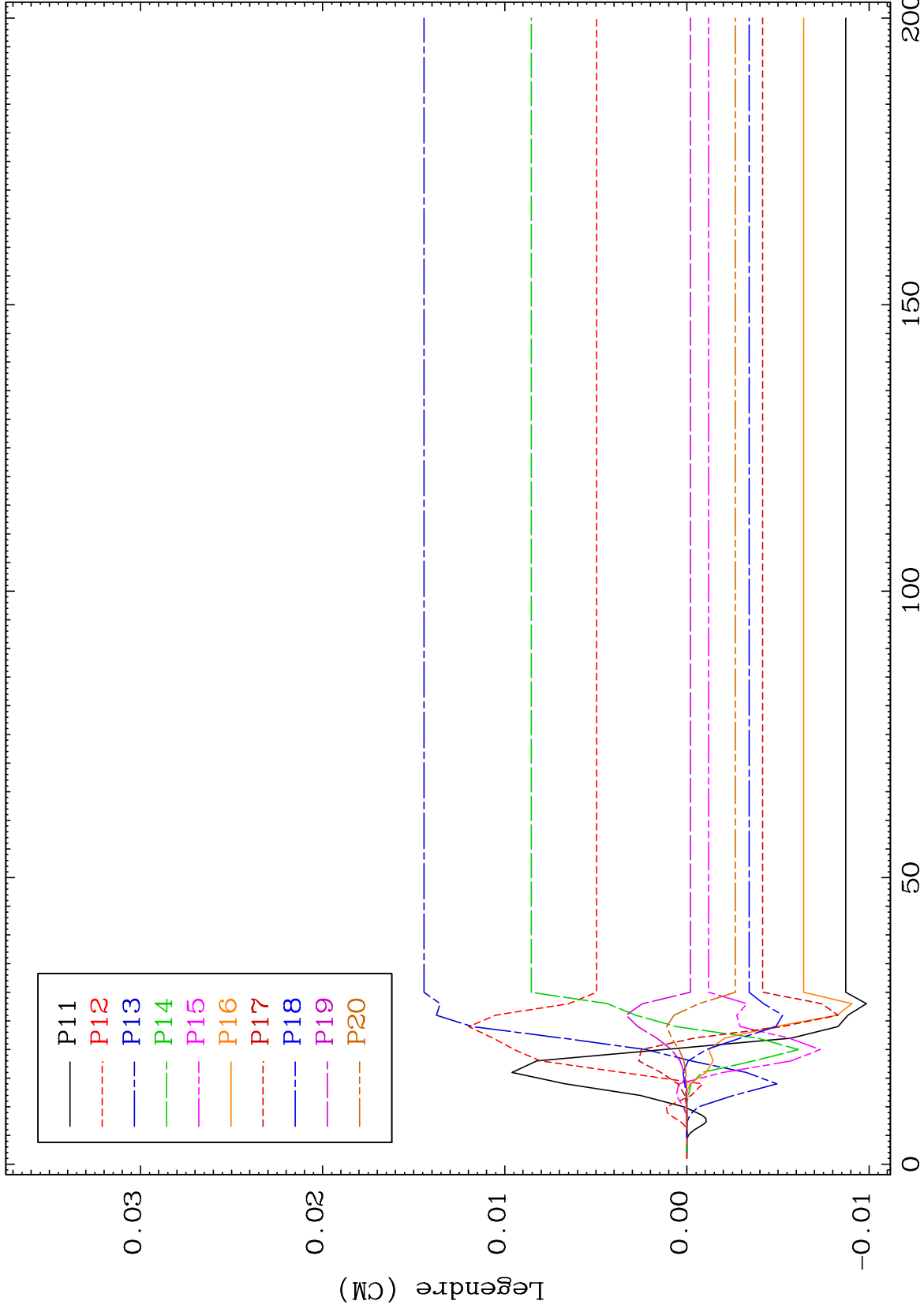
MAT 8286

382.2 keV (n,n') Level
Legendre Coefficients

83-Bi-196



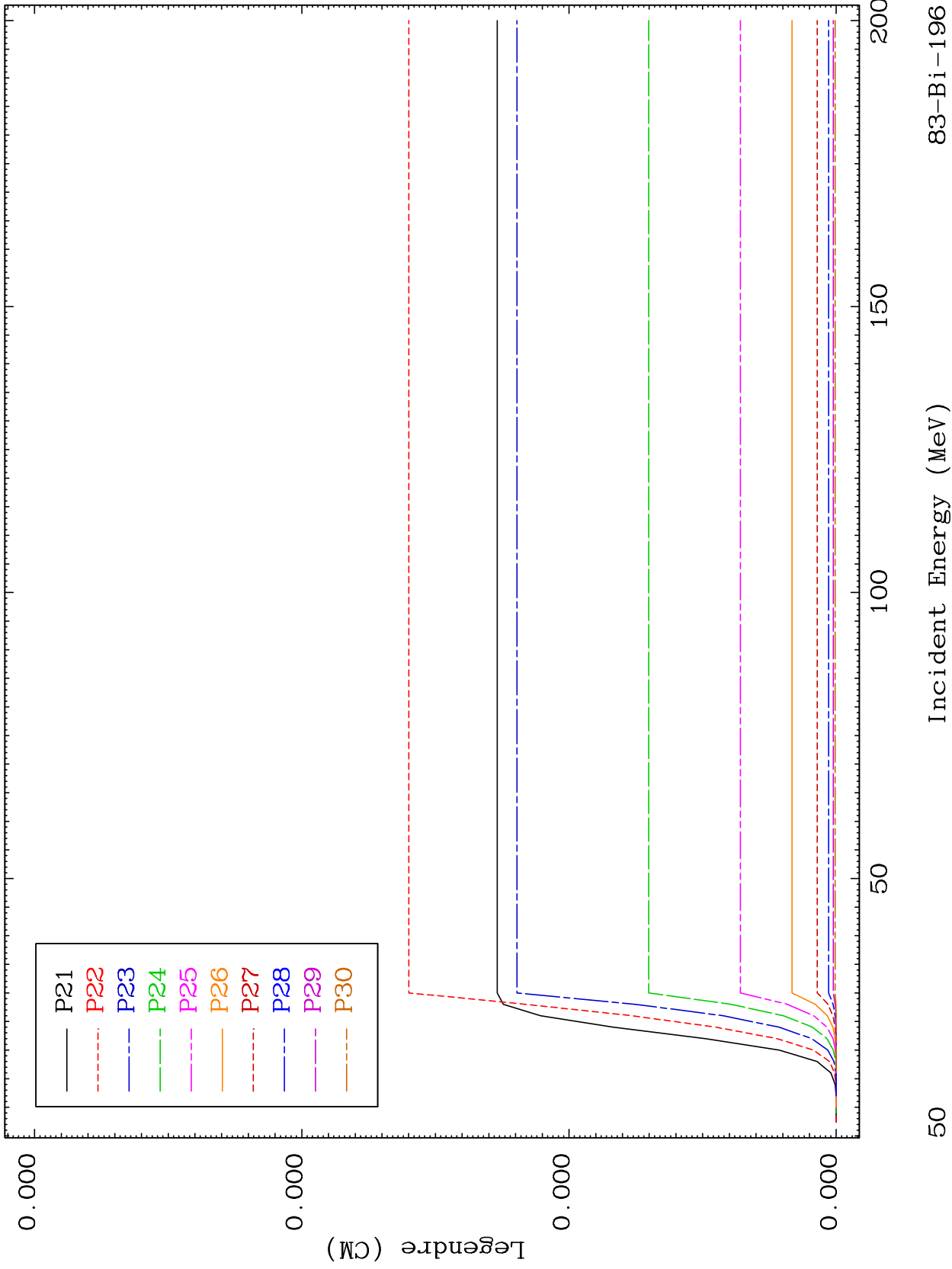




MAT 8286

405.8 keV (n,n') Level
Legendre Coefficients

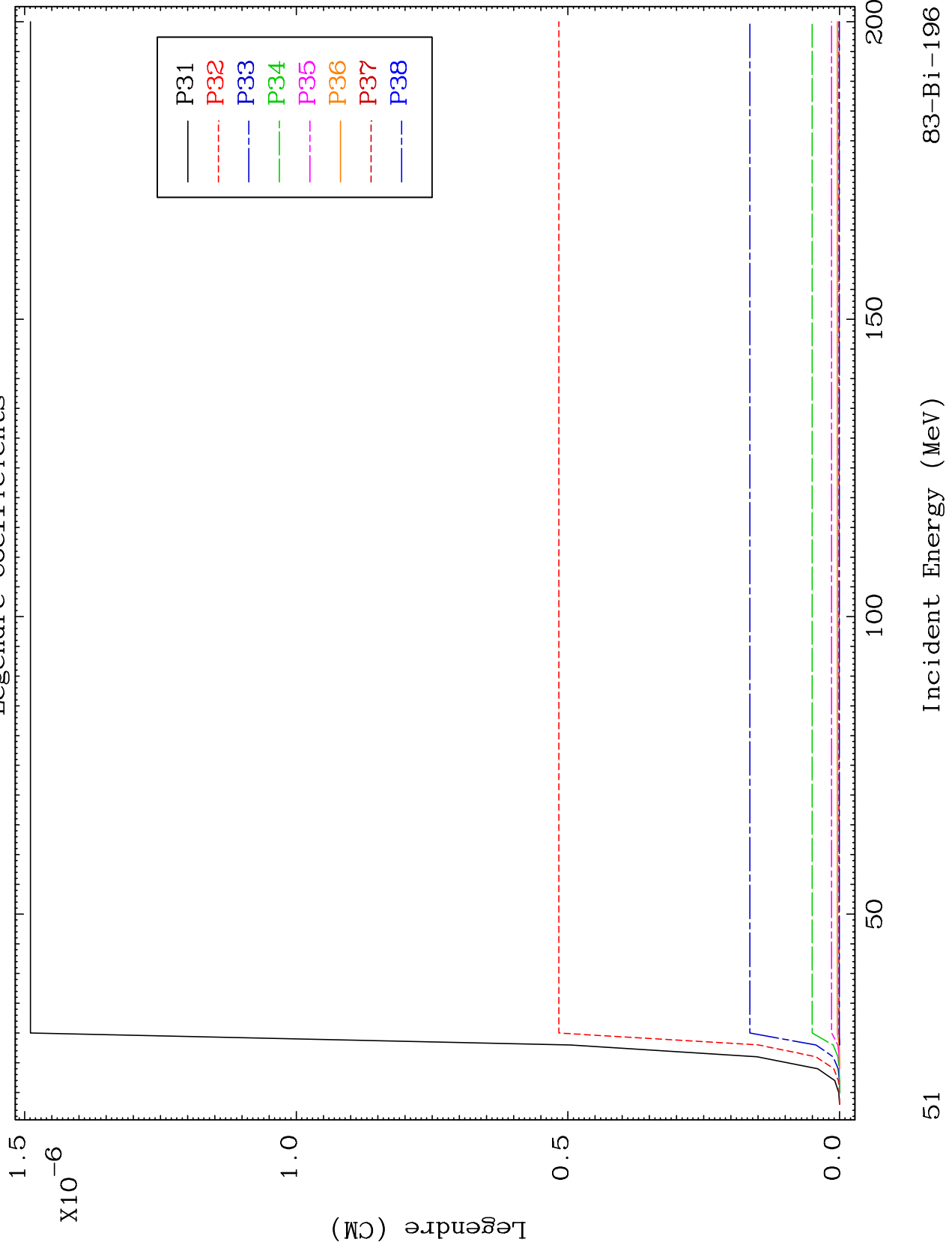
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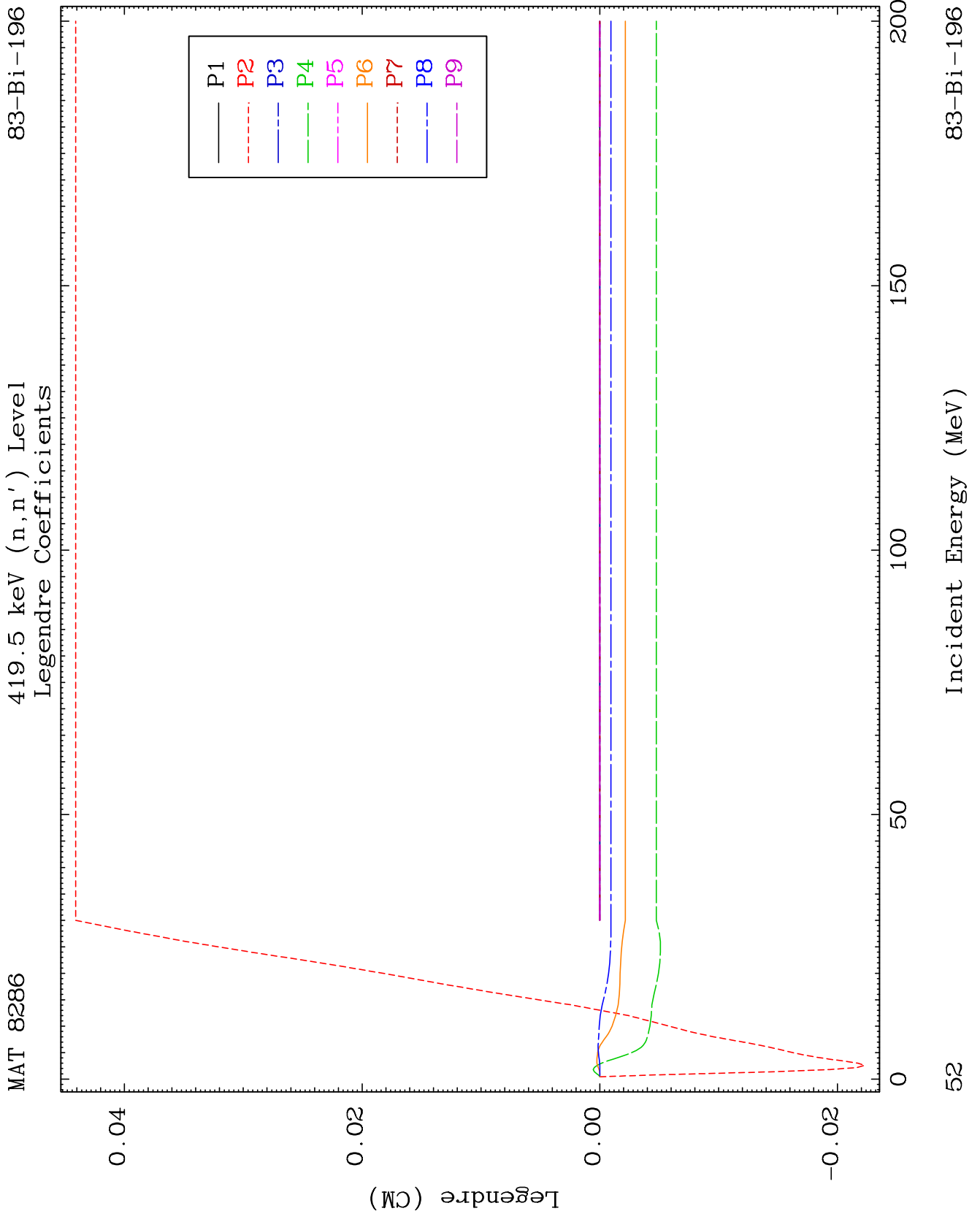


83-Bi-196

Incident Energy (MeV)

50

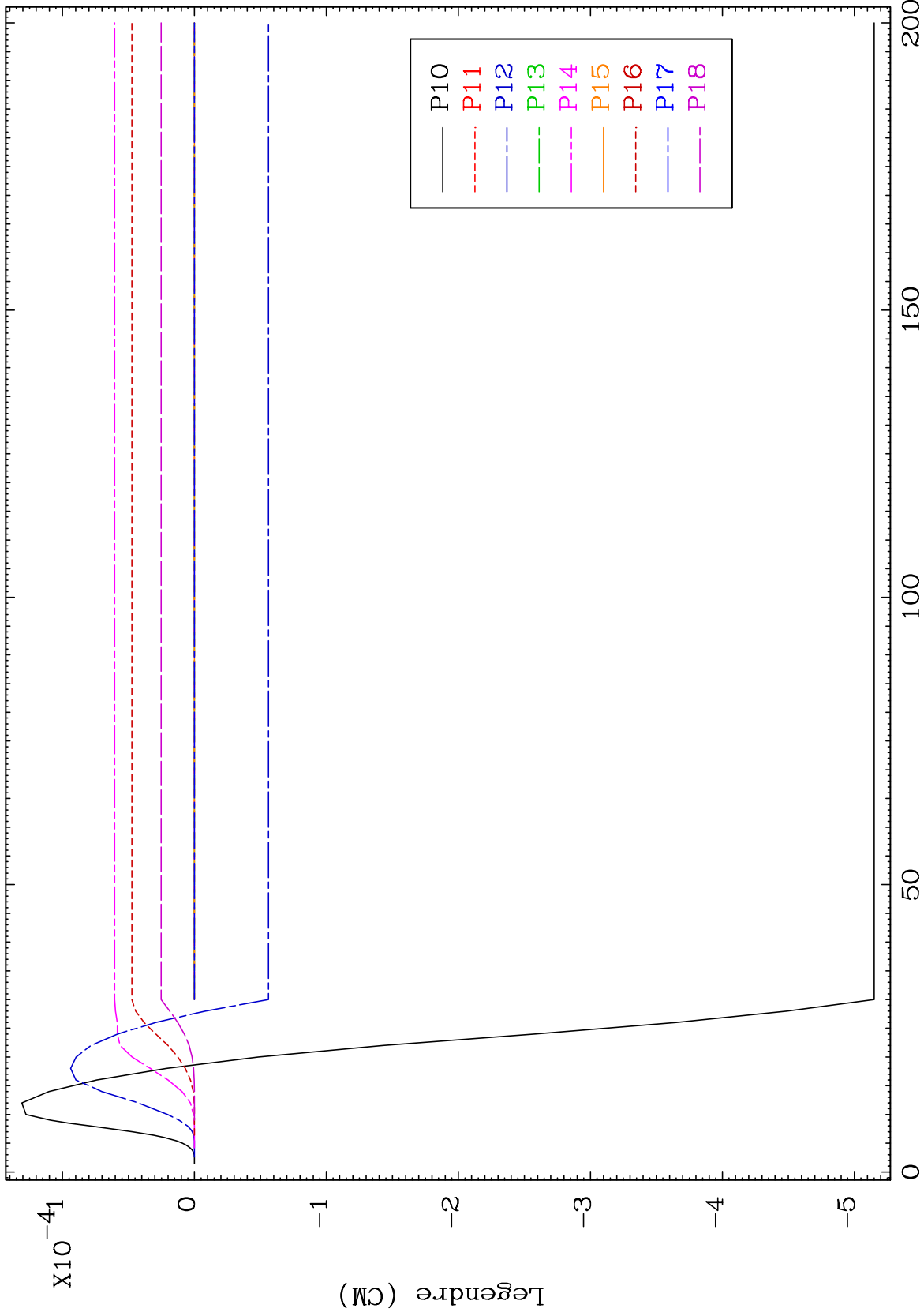




MAT 8286

419.5 keV (n,n') Level
Legendre Coefficients

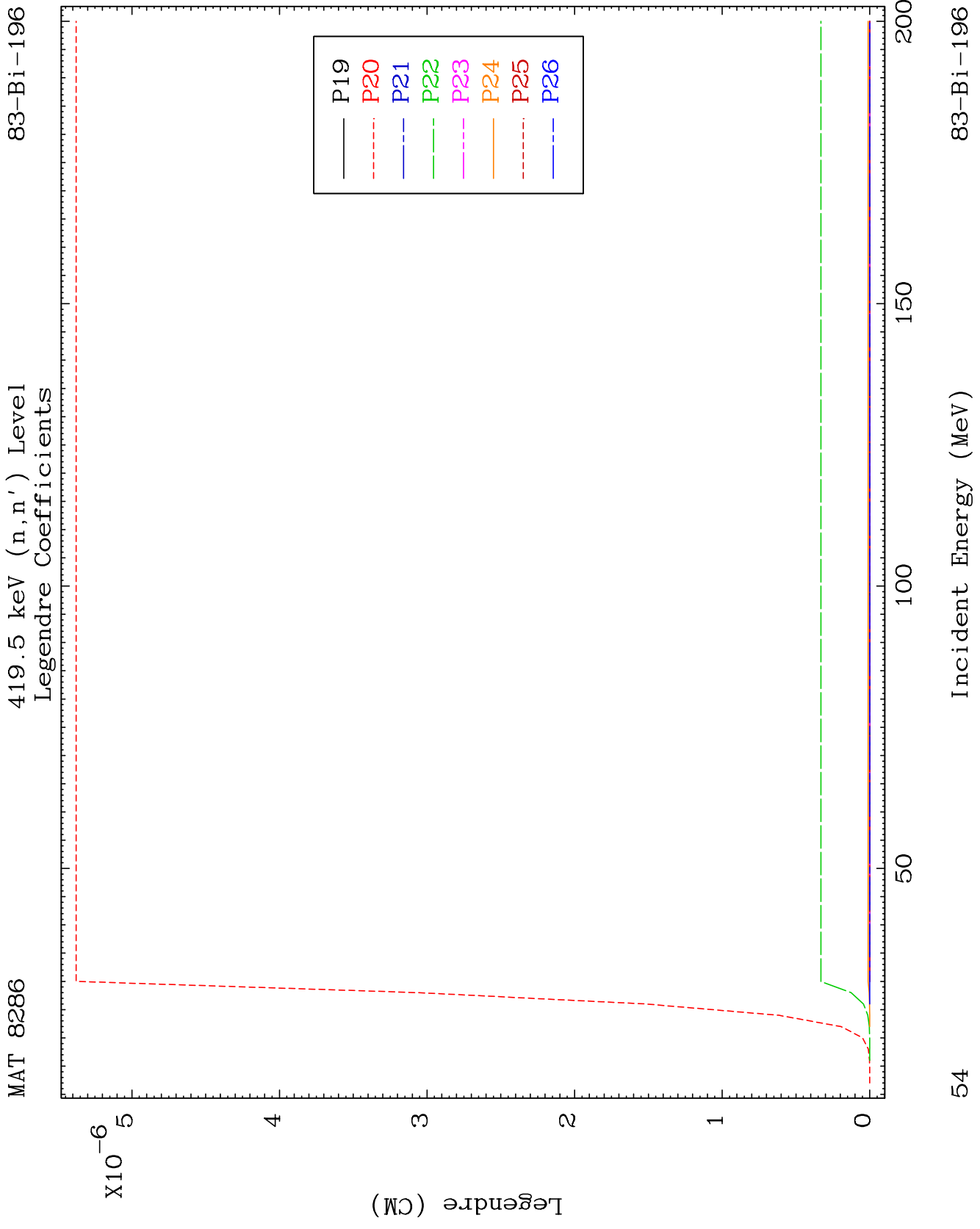
83-Bi-196



53

Incident Energy (MeV)

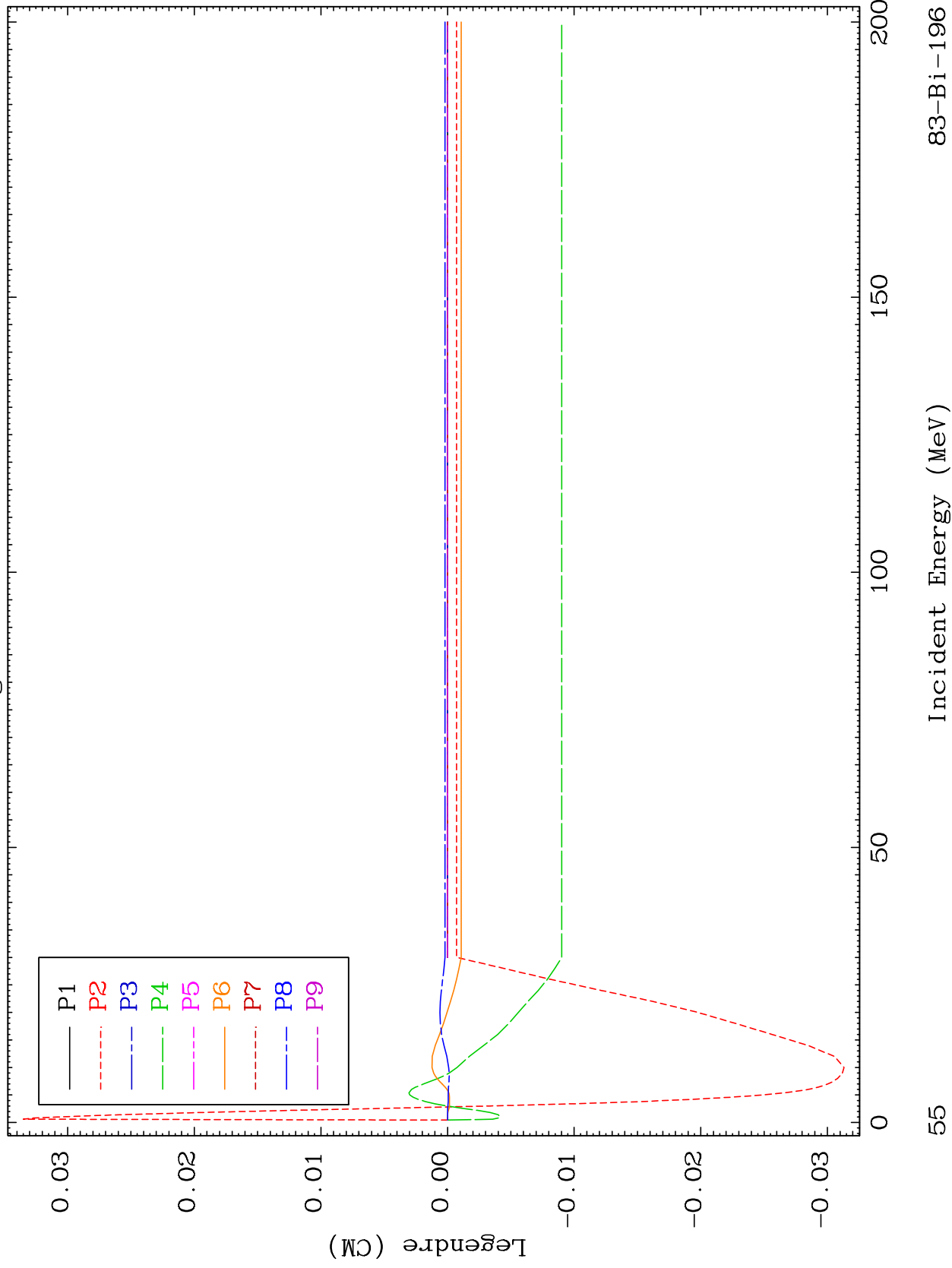
83-Bi-196



MAT 8286

432.5 keV (n,n') Level
Legendre Coefficients

83-Bi-196



83-Bi-196

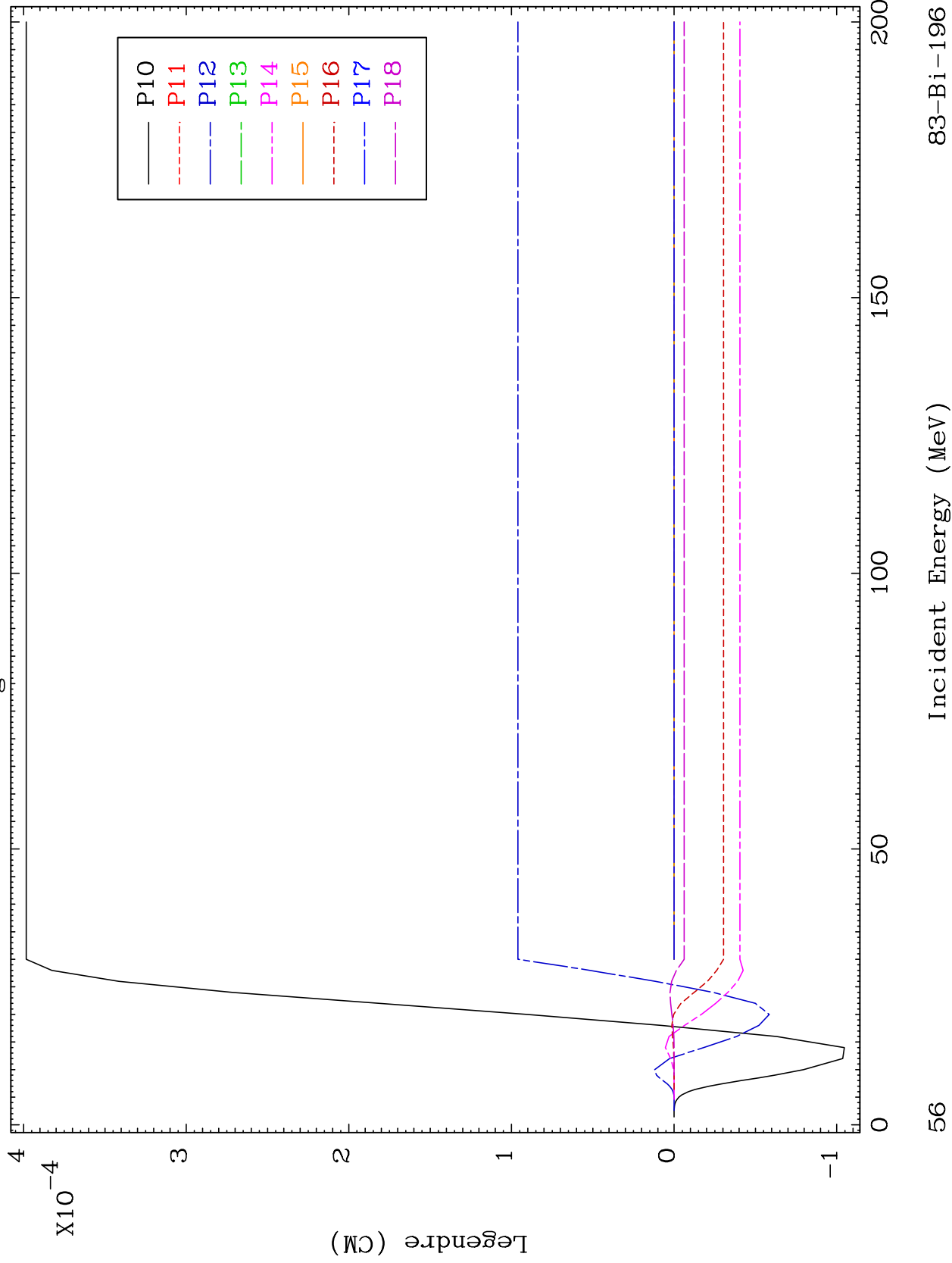
Incident Energy (MeV)

55

MAT 8286

432.5 keV (n,n') Level
Legendre Coefficients

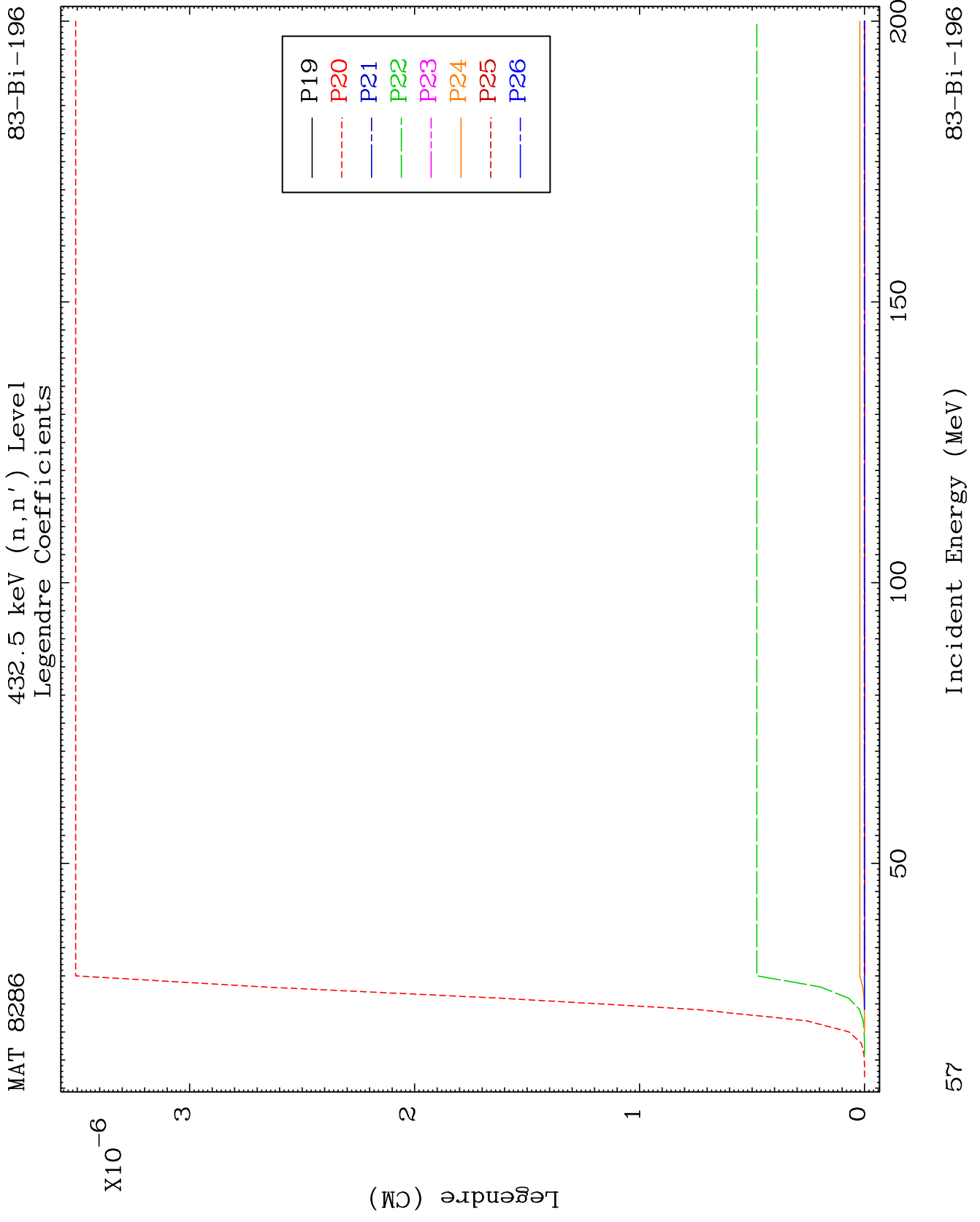
83-Bi-196



83-Bi-196

Incident Energy (MeV)

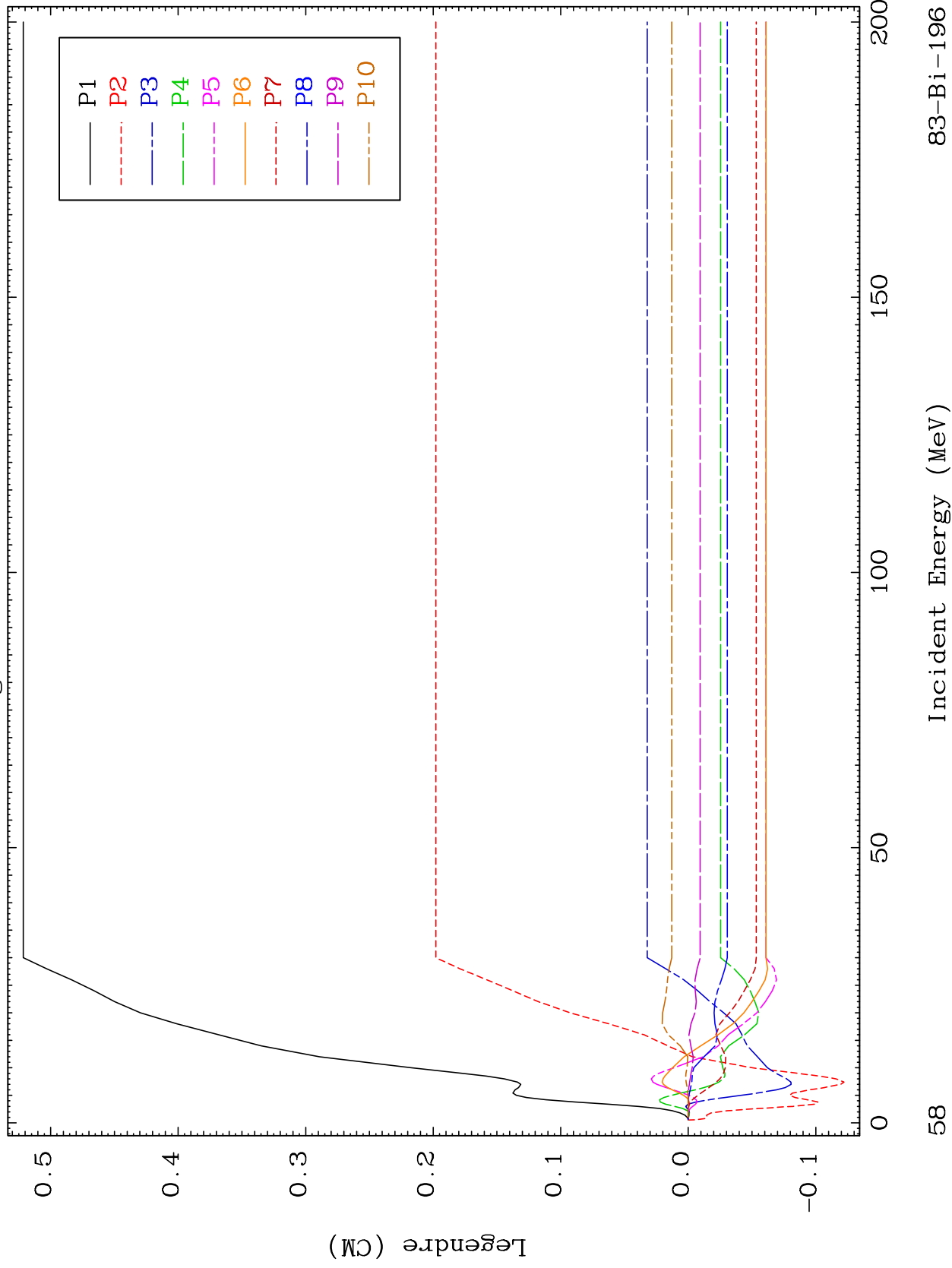
56



MAT 8286

500.3 keV (n,n') Level
Legendre Coefficients

83-Bi-196



83-Bi-196

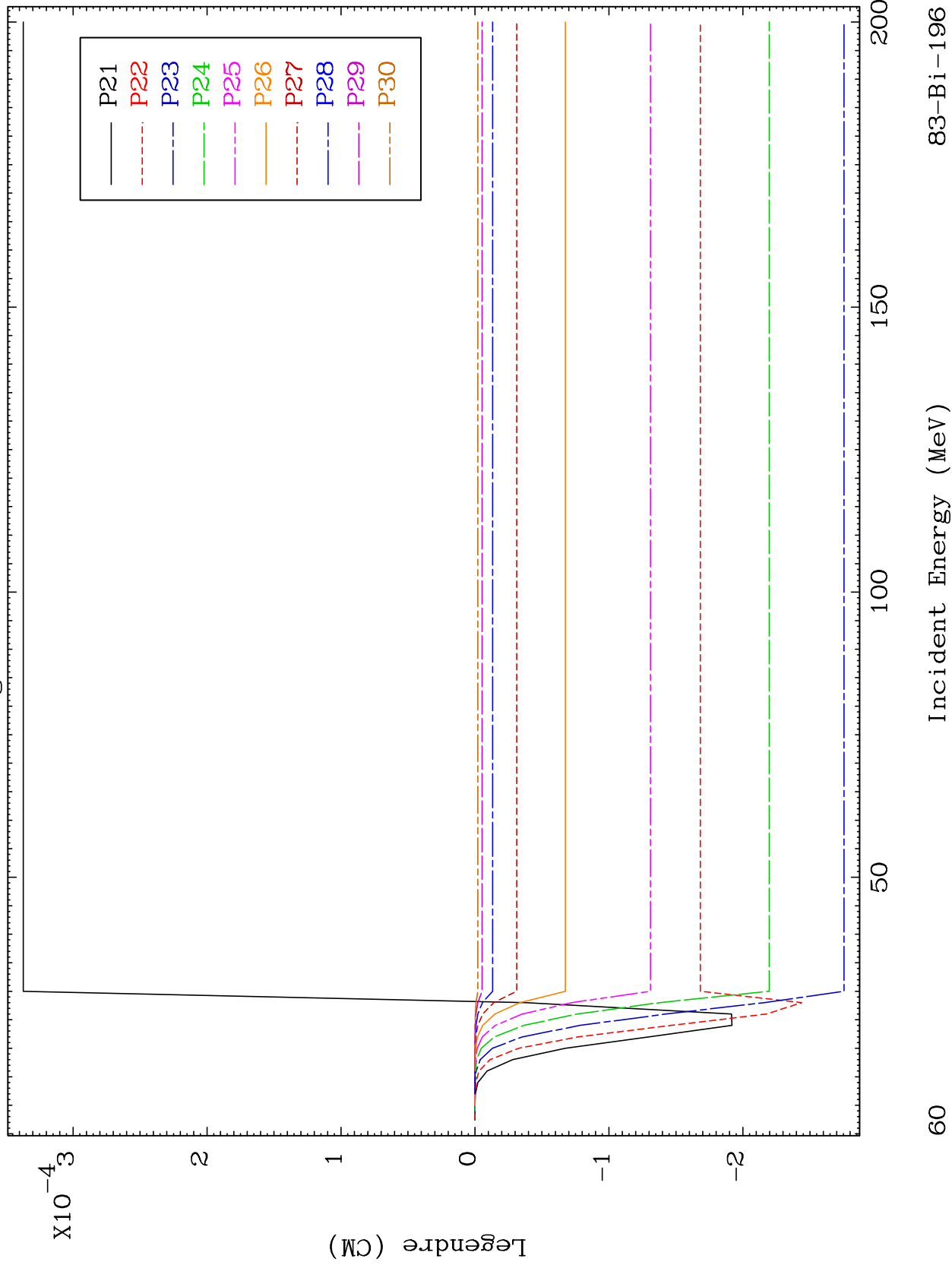
Incident Energy (MeV)

58

MAT 8286

500.3 keV (n,n') Level
Legendre Coefficients

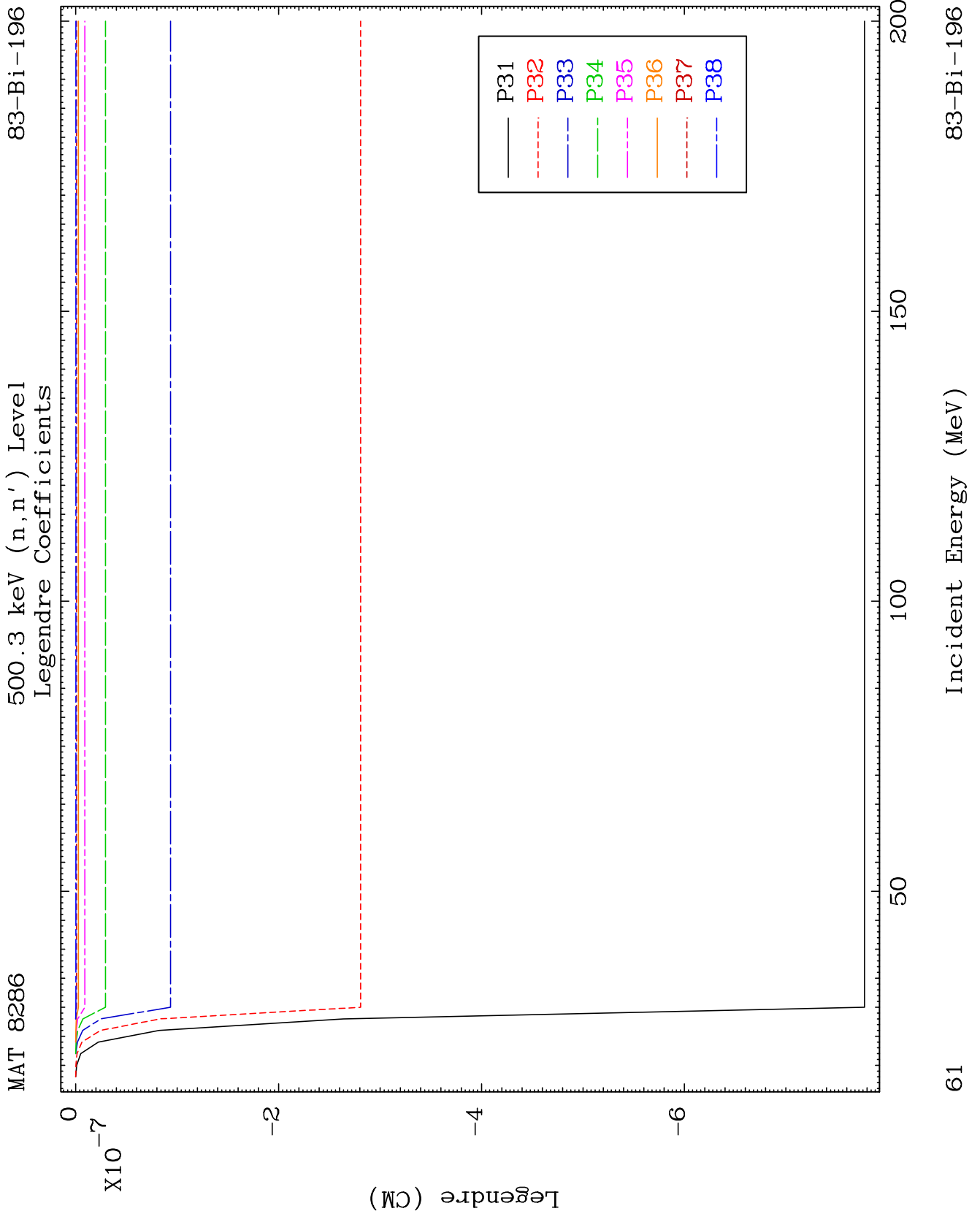
83-Bi-196



60

Incident Energy (MeV)

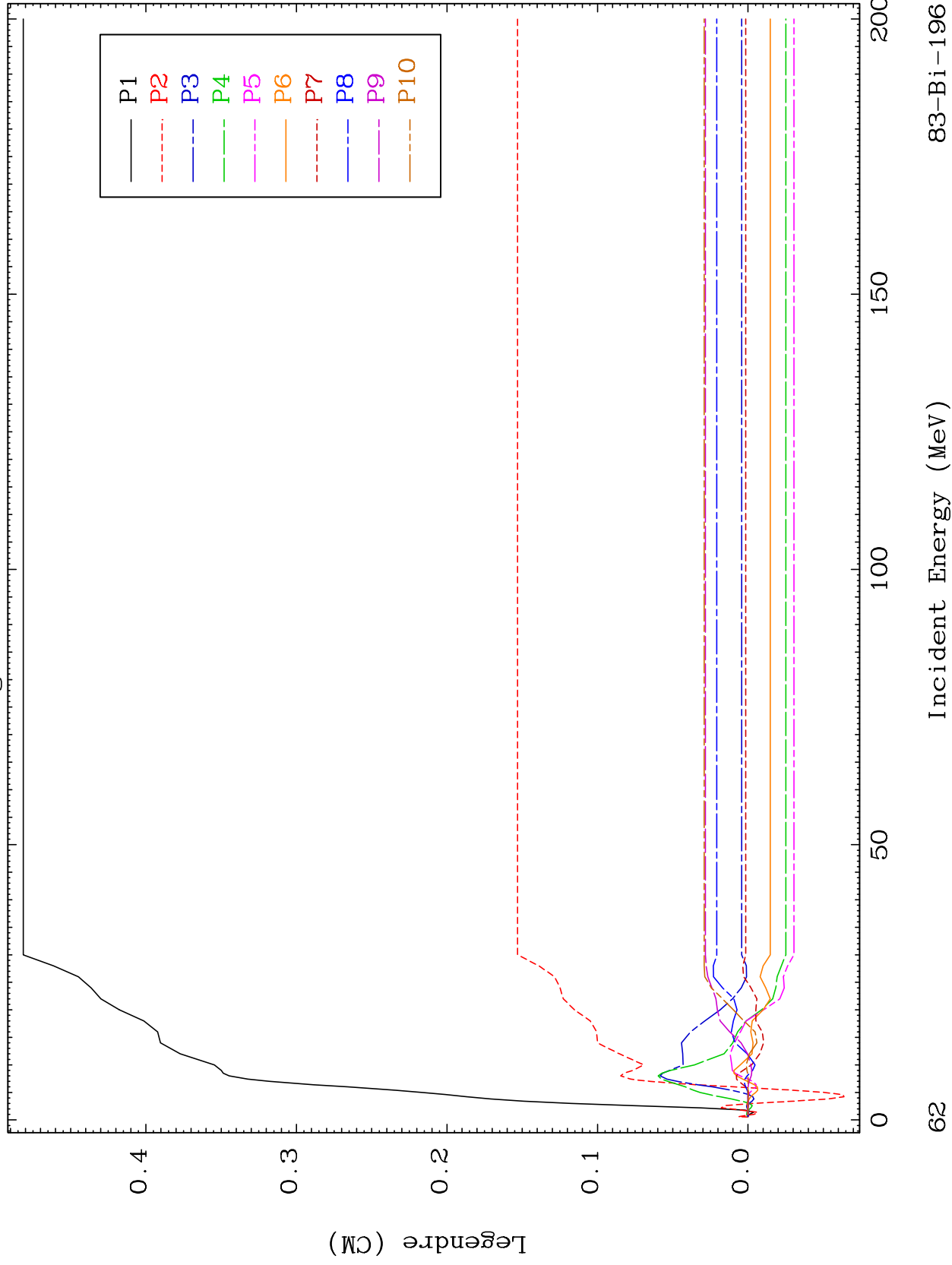
83-Bi-196



MAT 8286

515.9 keV (n,n') Level
Legendre Coefficients

83-Bi-196



83-Bi-196

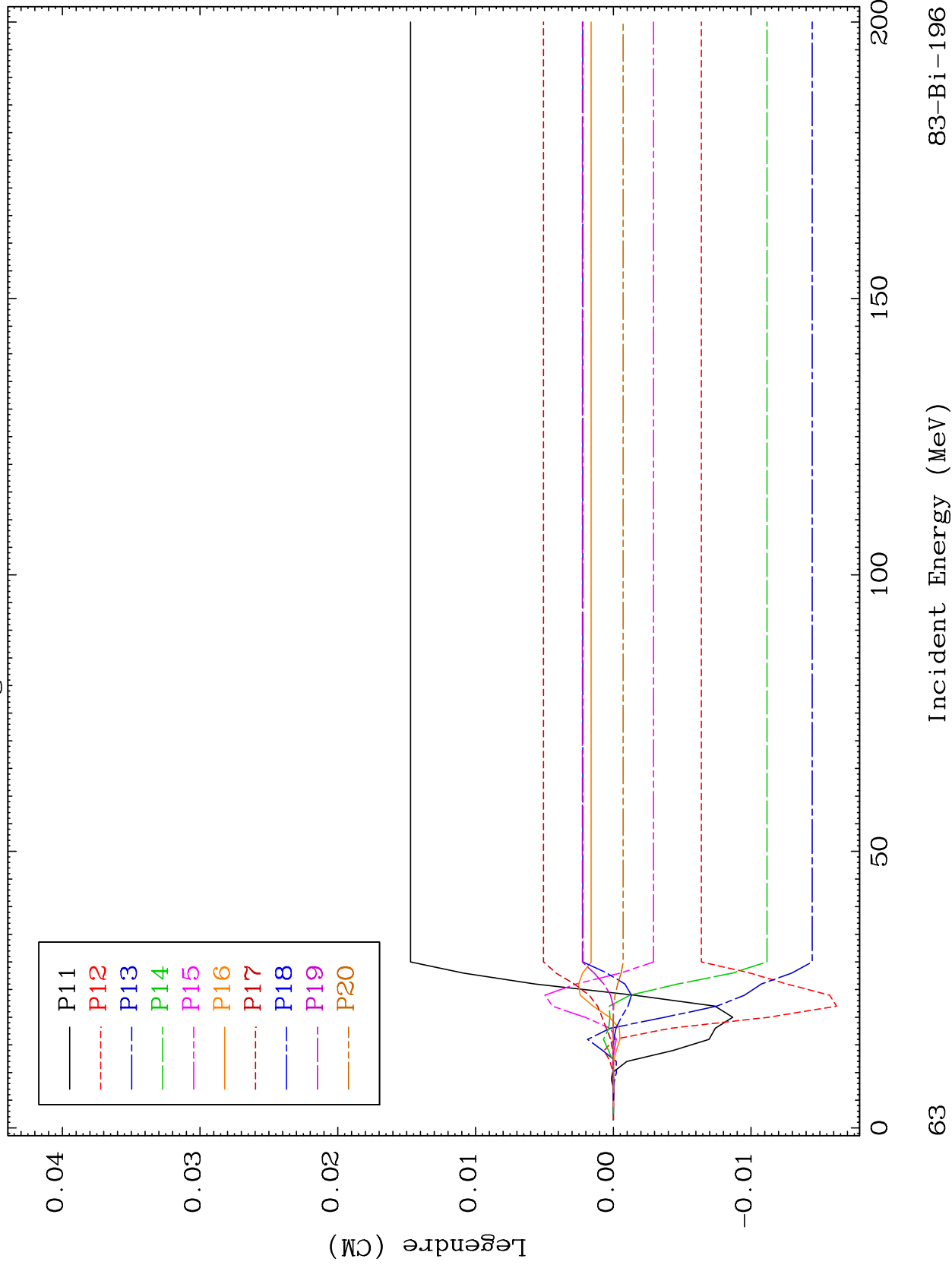
Incident Energy (MeV)

62

MAT 8286

515.9 keV (n,n') Level
Legendre Coefficients

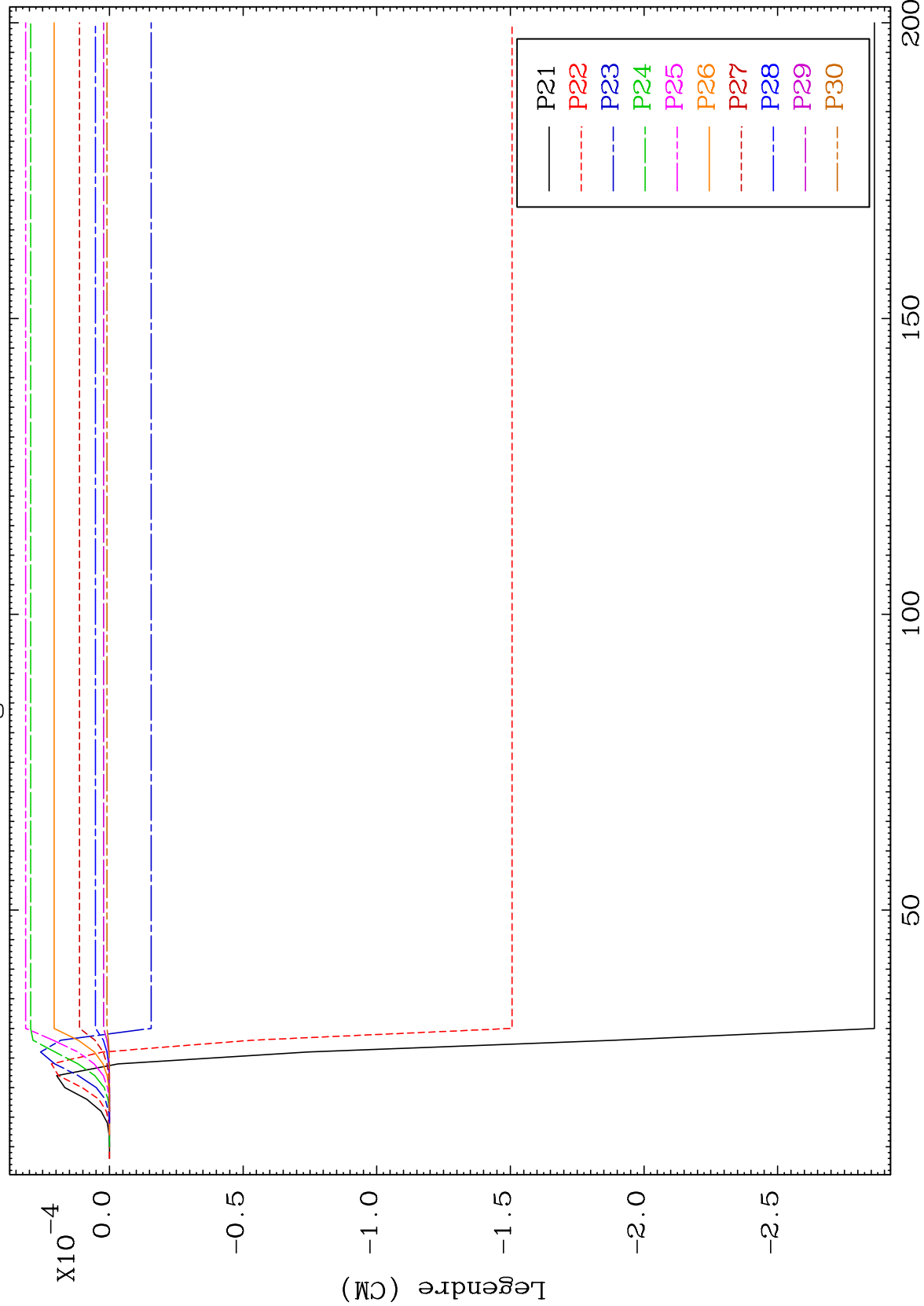
83-Bi-196



63

Incident Energy (MeV)

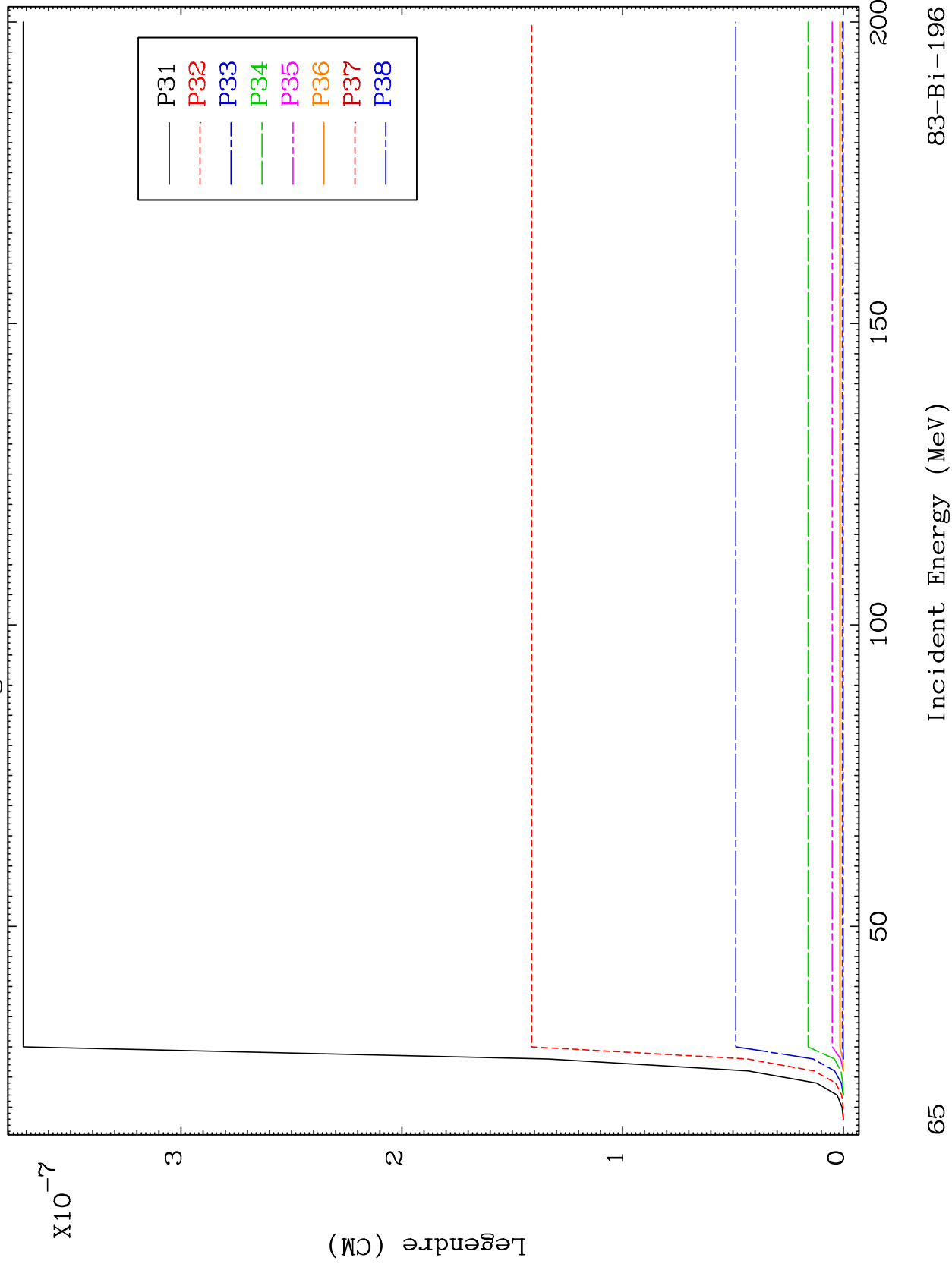
83-Bi-196



MAT 8286

515.9 keV (n,n') Level
Legendre Coefficients

83-Bi-196



65

Incident Energy (MeV)

50

100

150

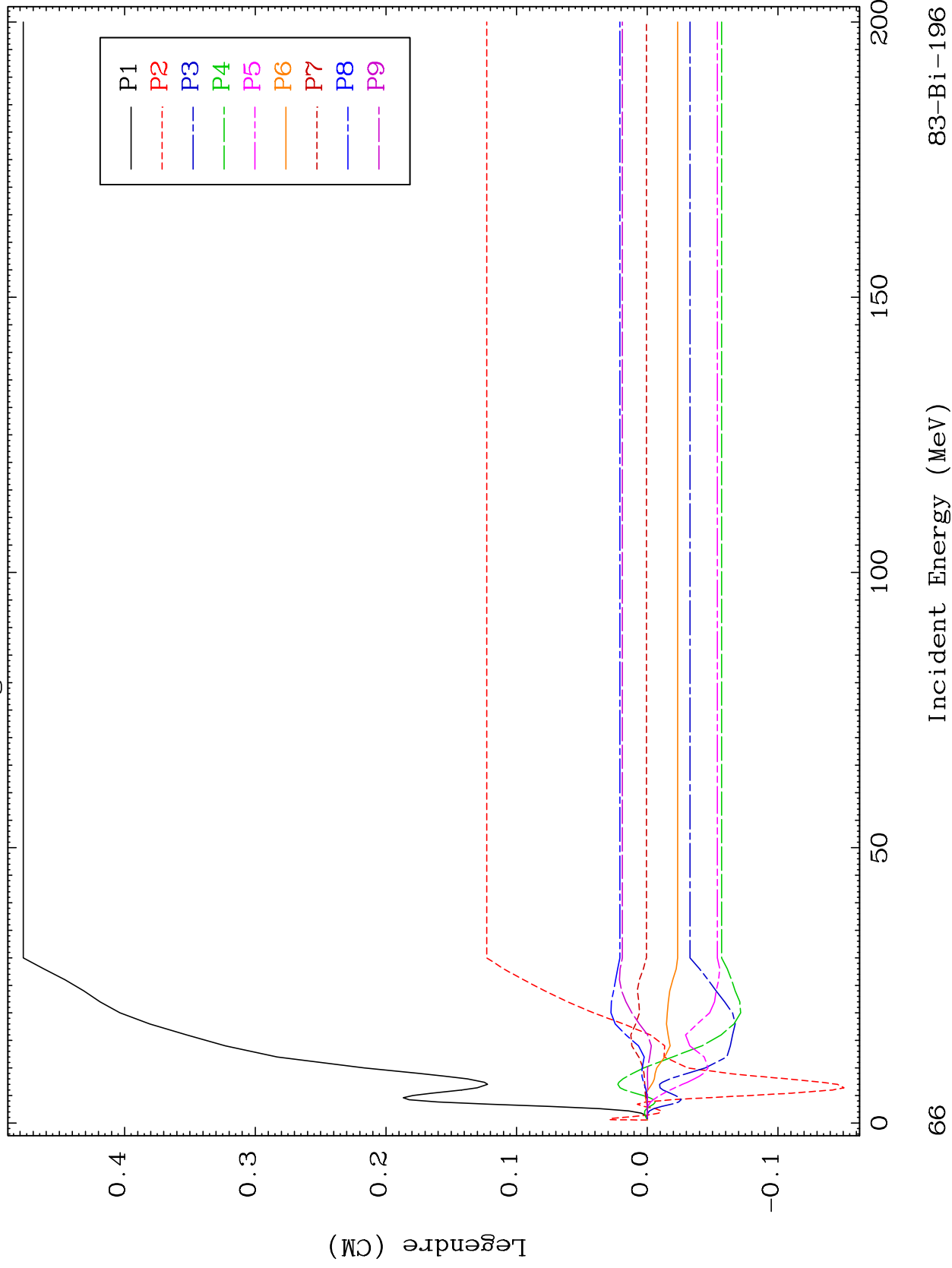
200

83-Bi-196

MAT 8286

521.1 keV (n,n') Level
Legendre Coefficients

83-Bi-196



83-Bi-196

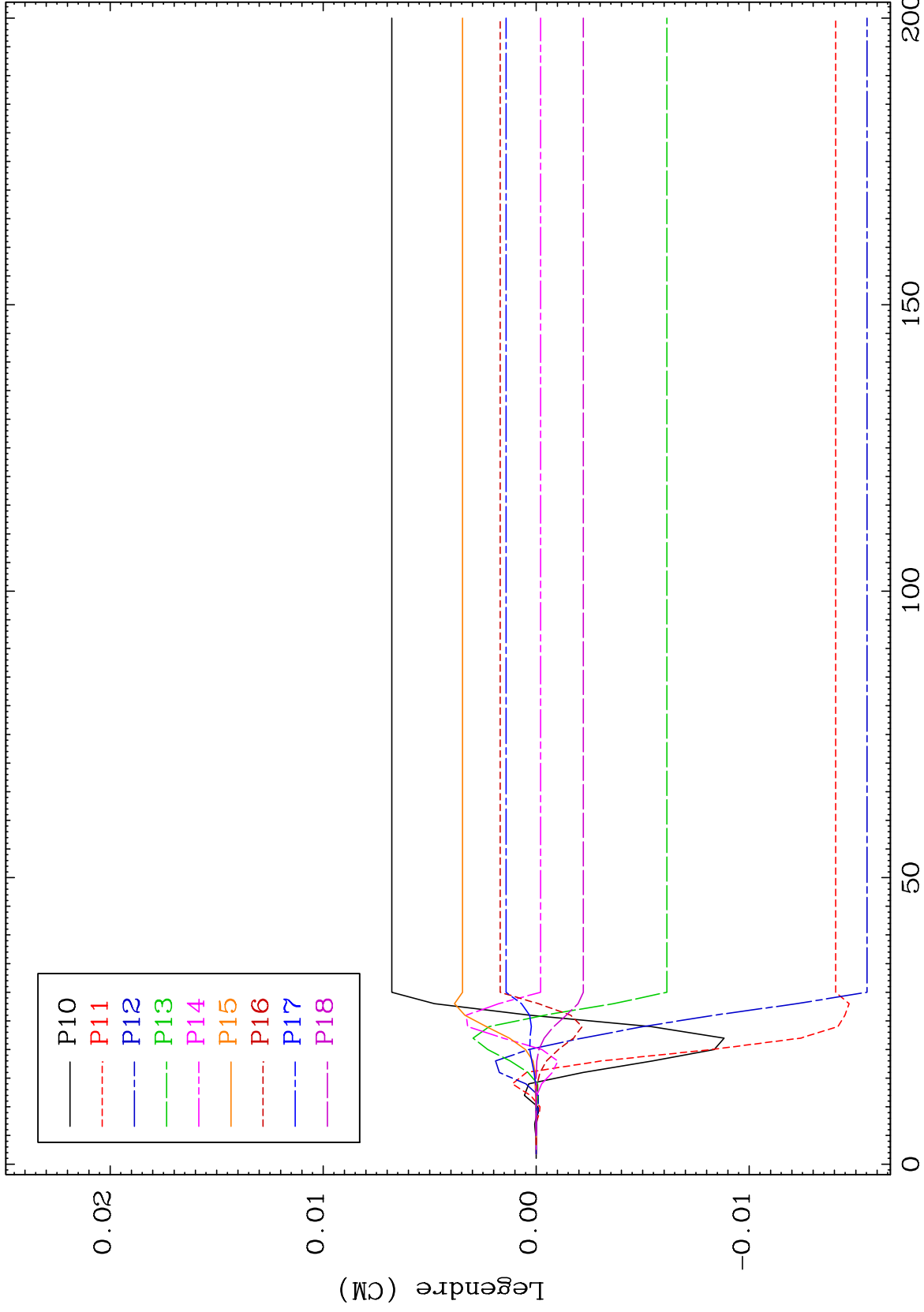
Incident Energy (MeV)

66

MAT 8286

521.1 keV (n,n') Level
Legendre Coefficients

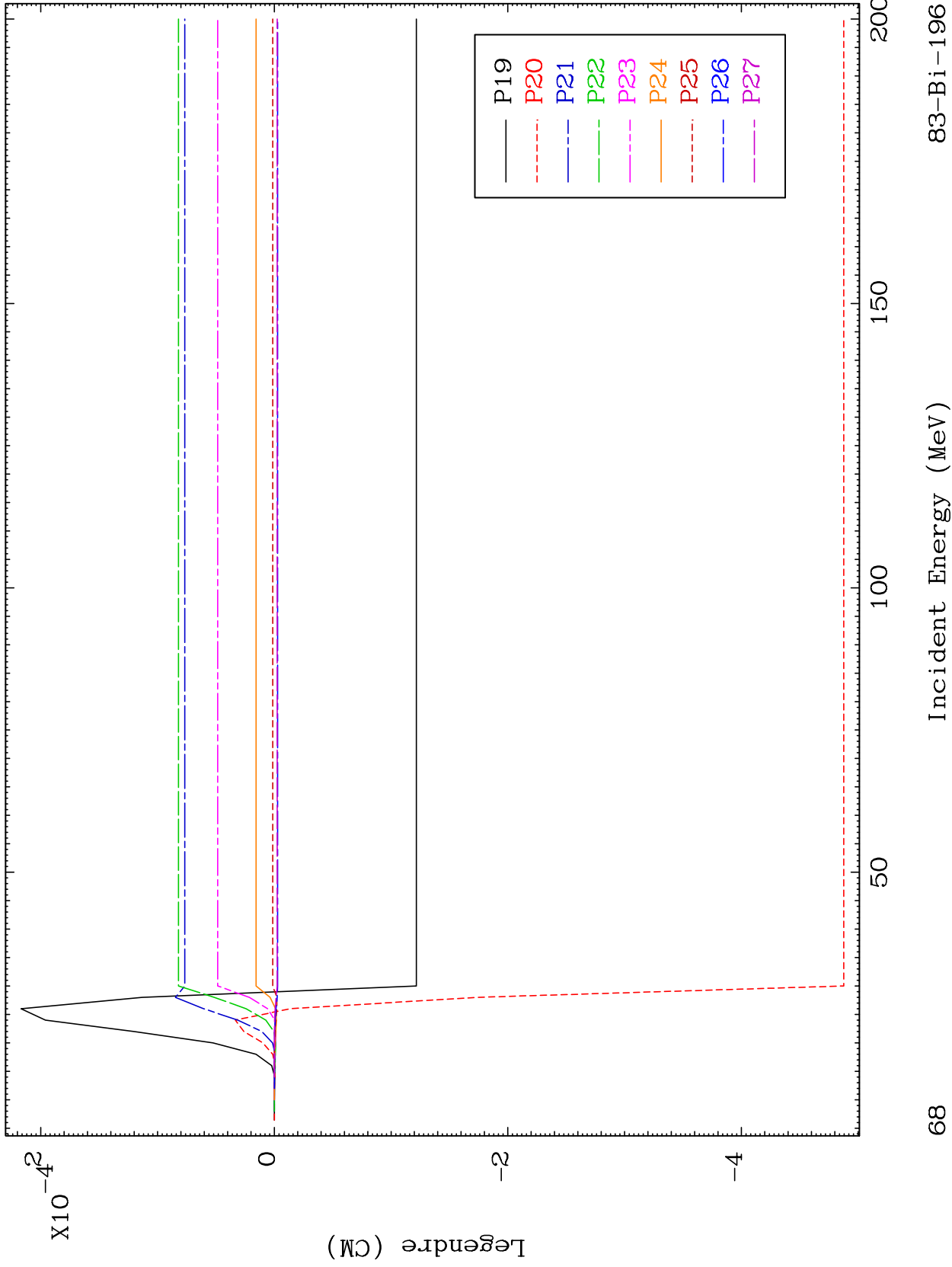
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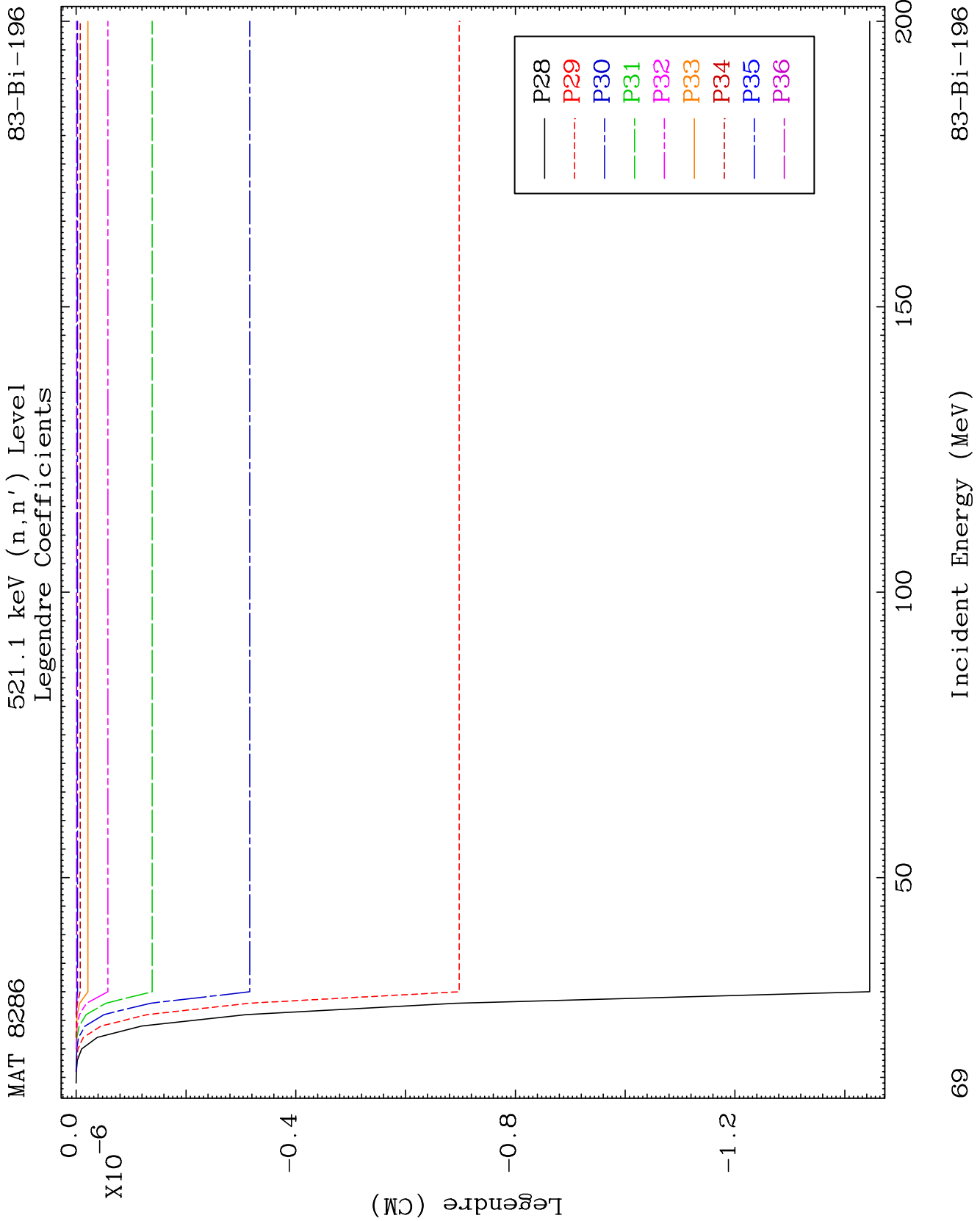


67

Incident Energy (MeV)

83-Bi-196

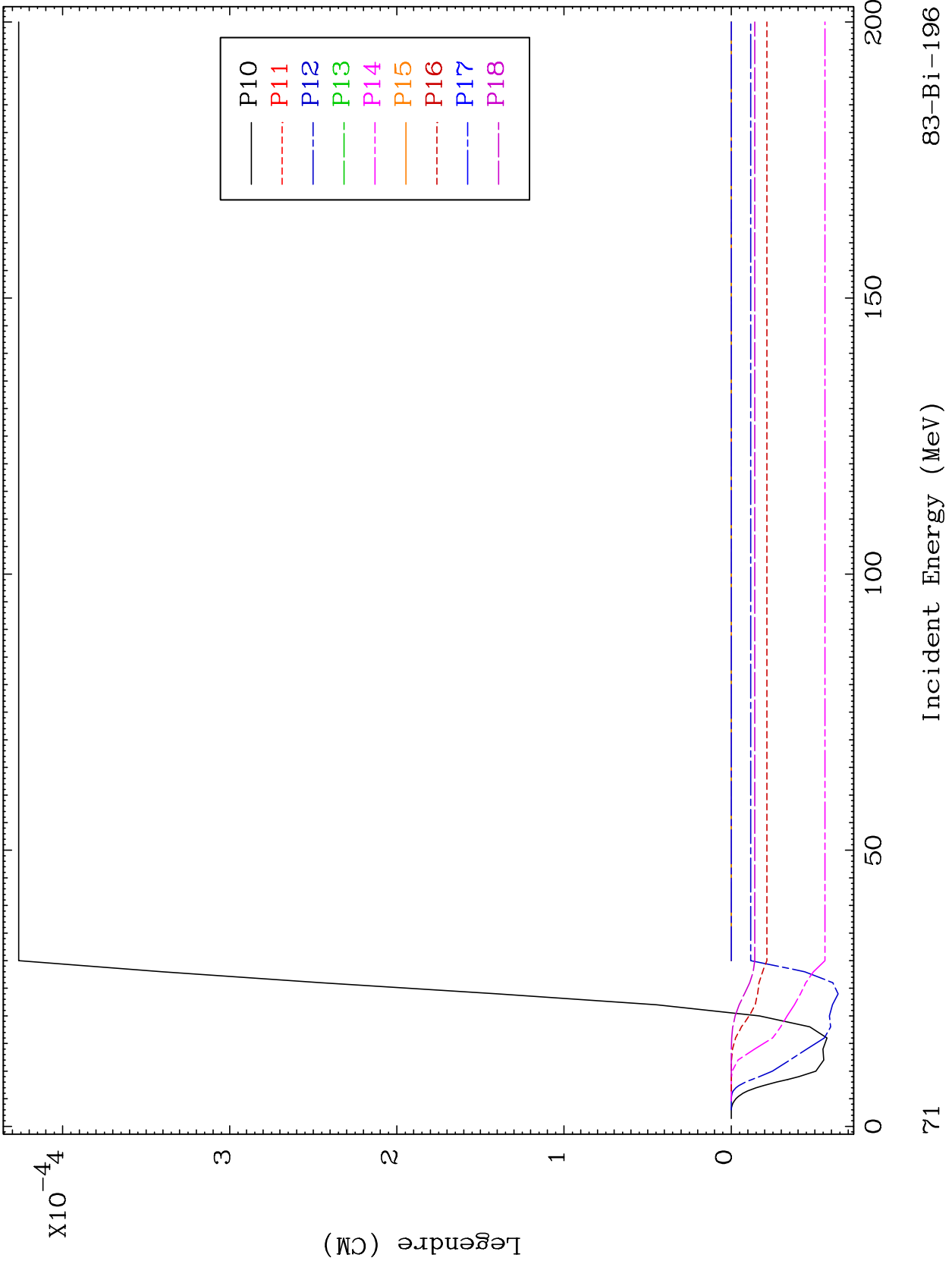




MAT 8286

529.7 keV (n,n') Level
Legendre Coefficients

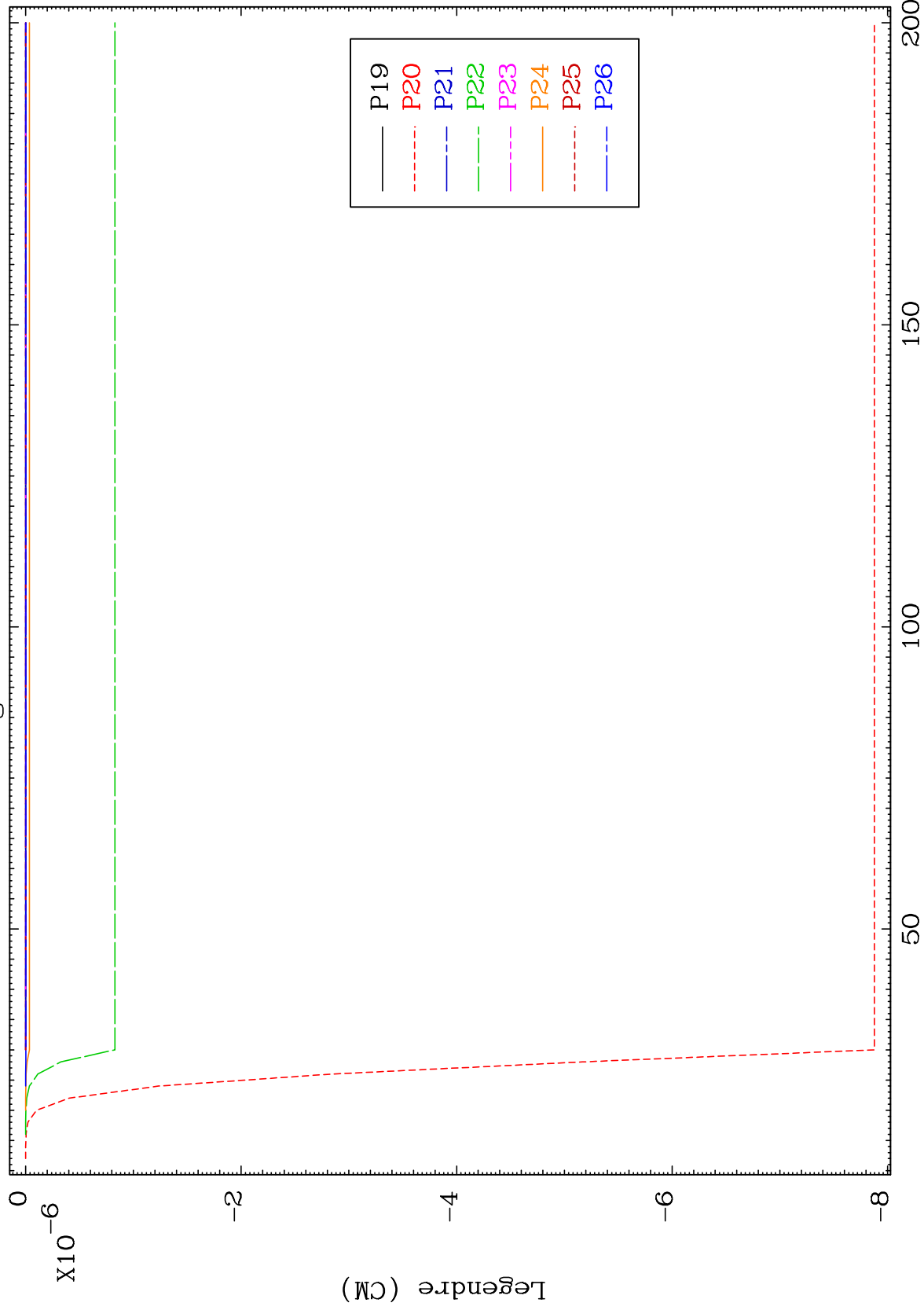
83-Bi-196



MAT 8286

529.7 keV (n,n') Level
Legendre Coefficients

83-Bi-196



72

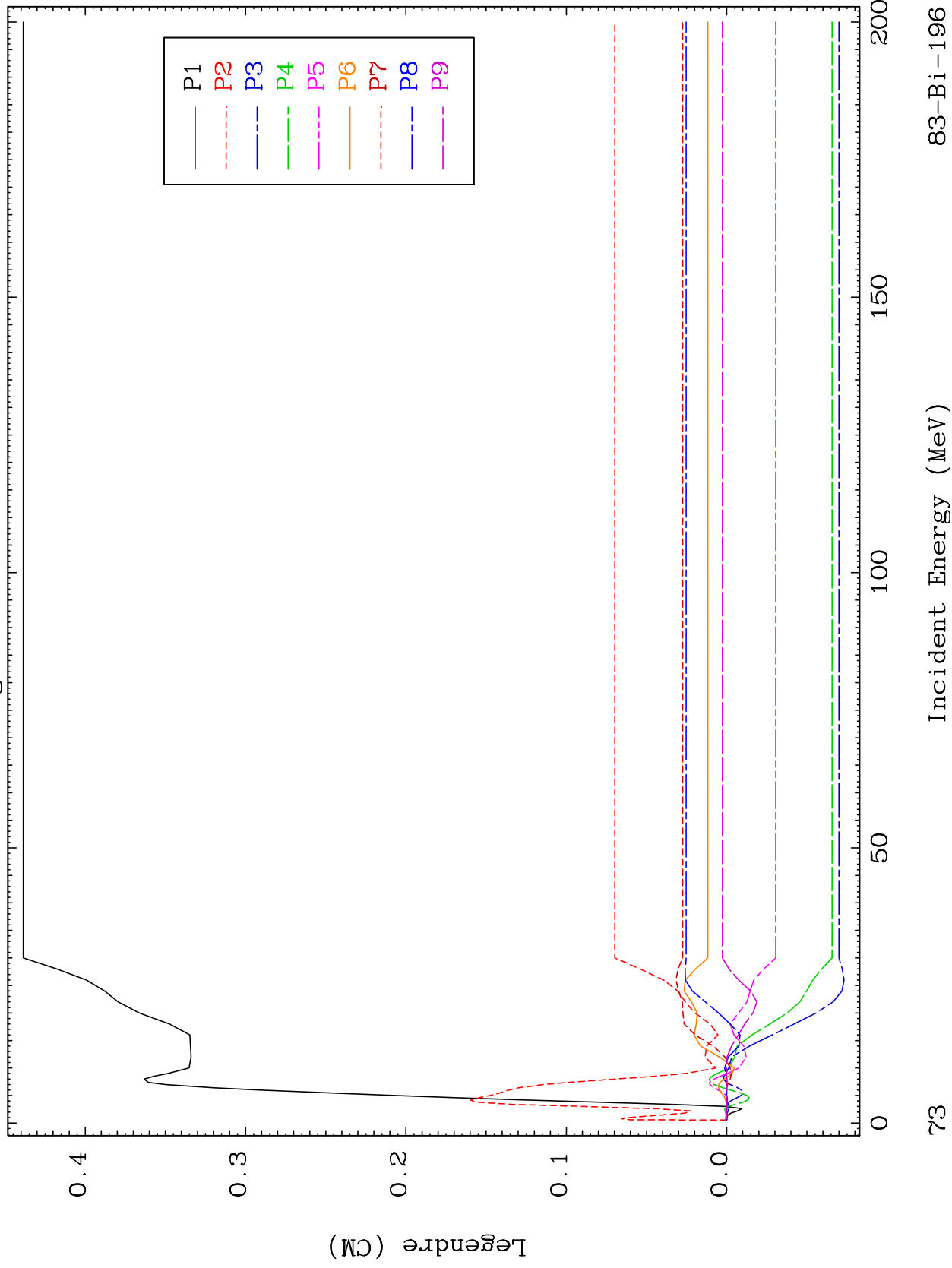
Incident Energy (MeV)

83-Bi-196

MAT 8286

536.4 keV (n,n') Level
Legendre Coefficients

83-Bi-196



83-Bi-196

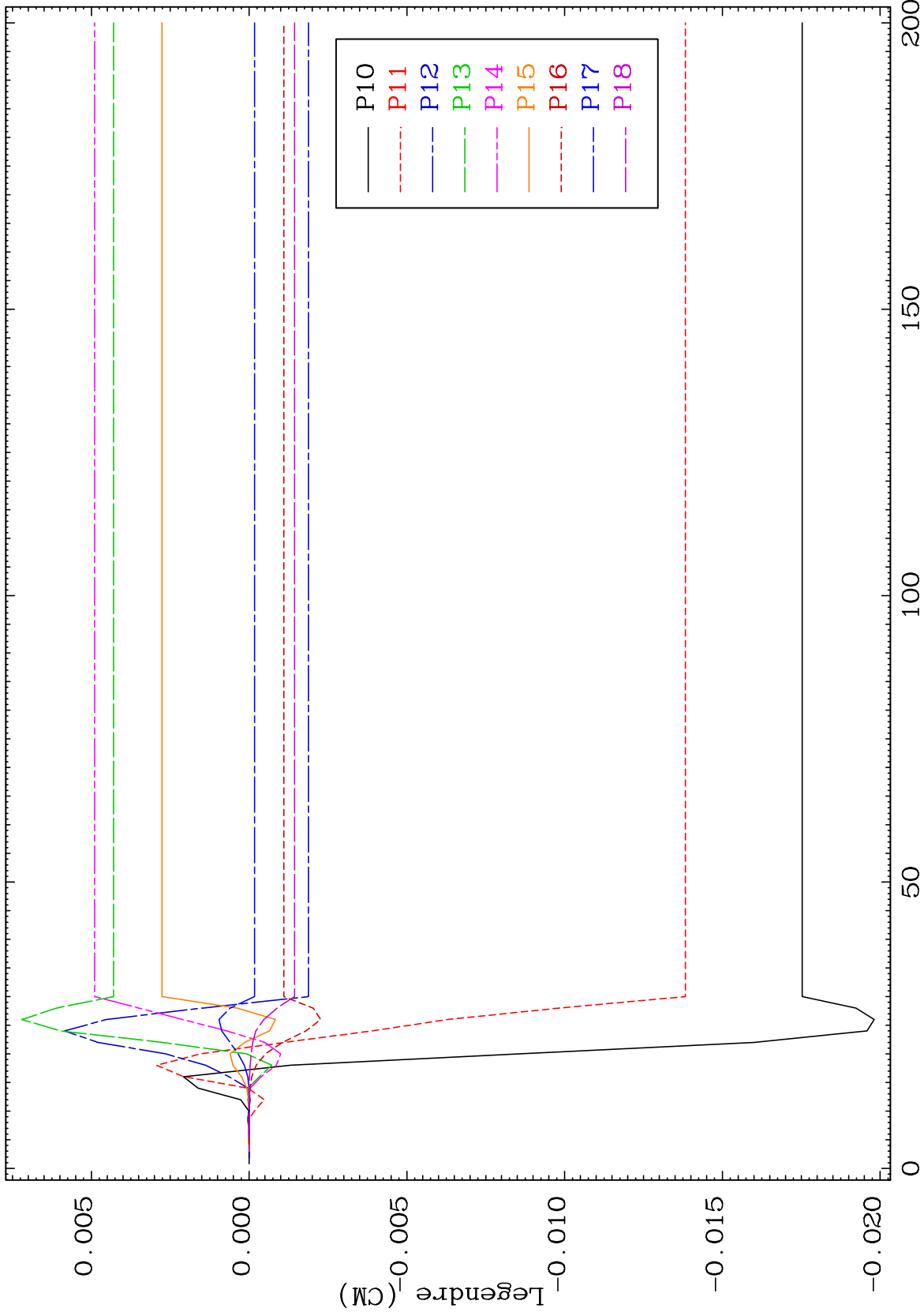
Incident Energy (MeV)

73

MAT 8286

536.4 keV (n,n') Level
Legendre Coefficients

83-Bi-196



74

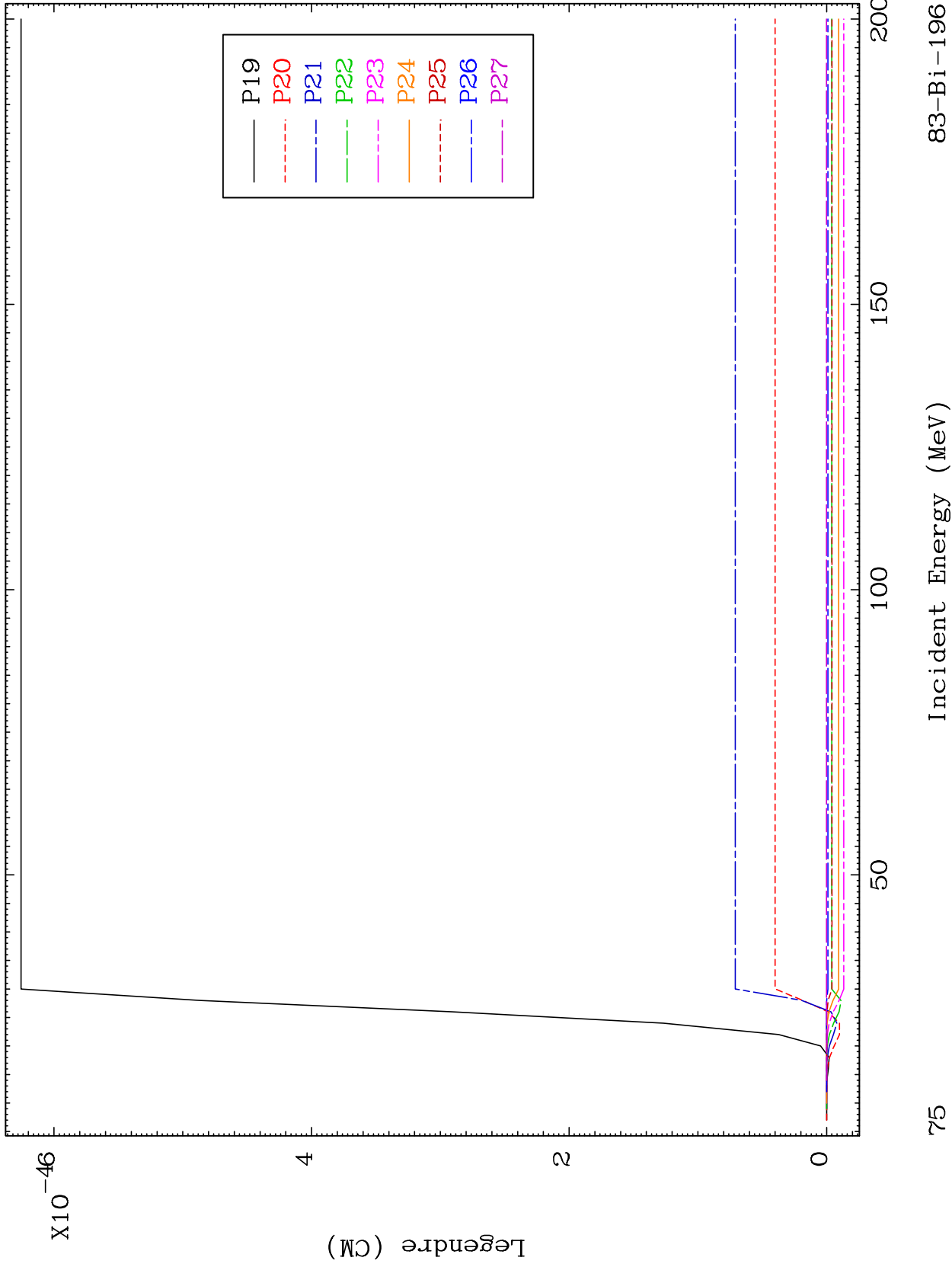
Incident Energy (MeV)

83-Bi-196

MAT 8286

536.4 keV (n,n') Level
Legendre Coefficients

83-Bi-196



75

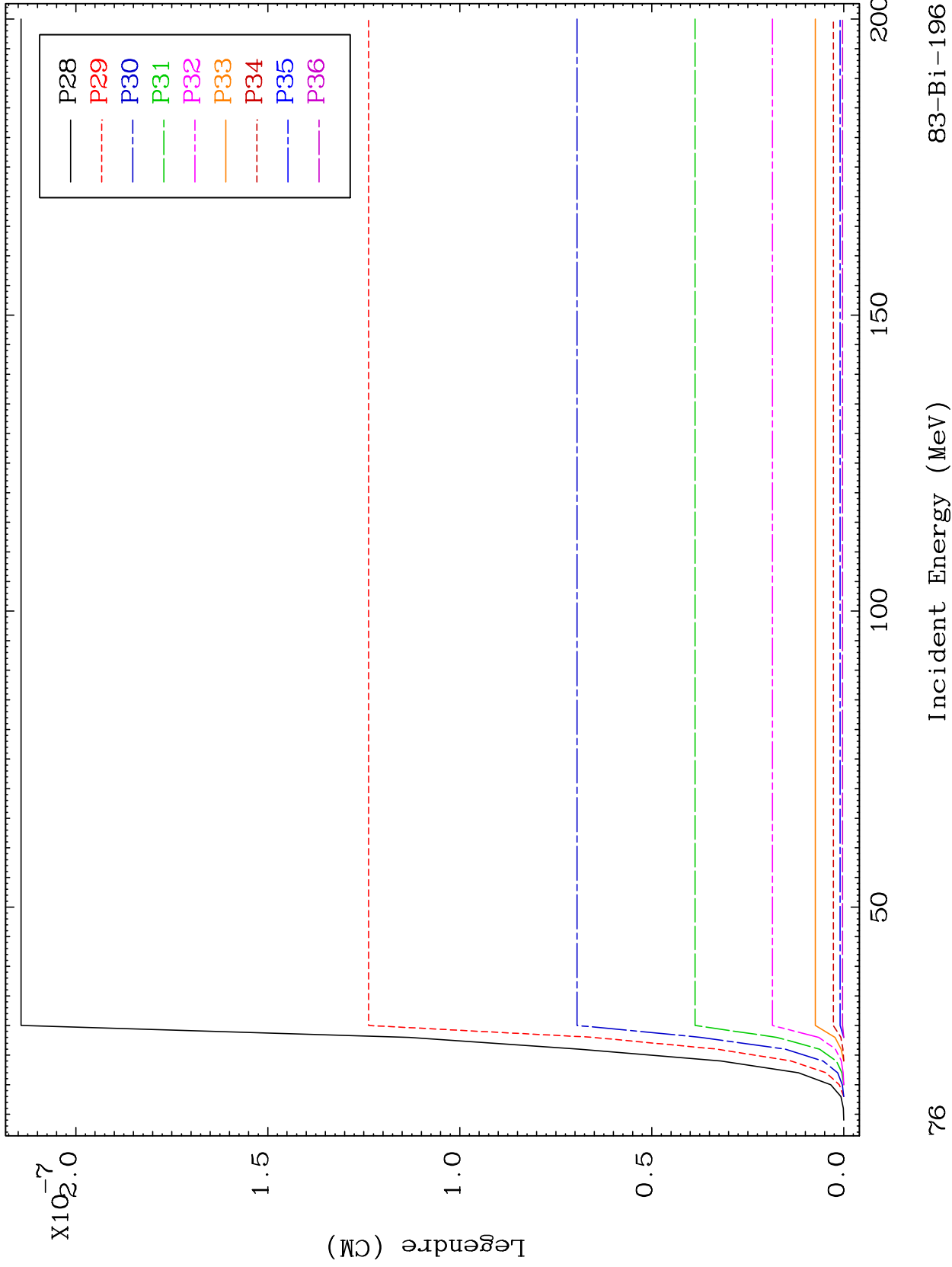
Incident Energy (MeV)

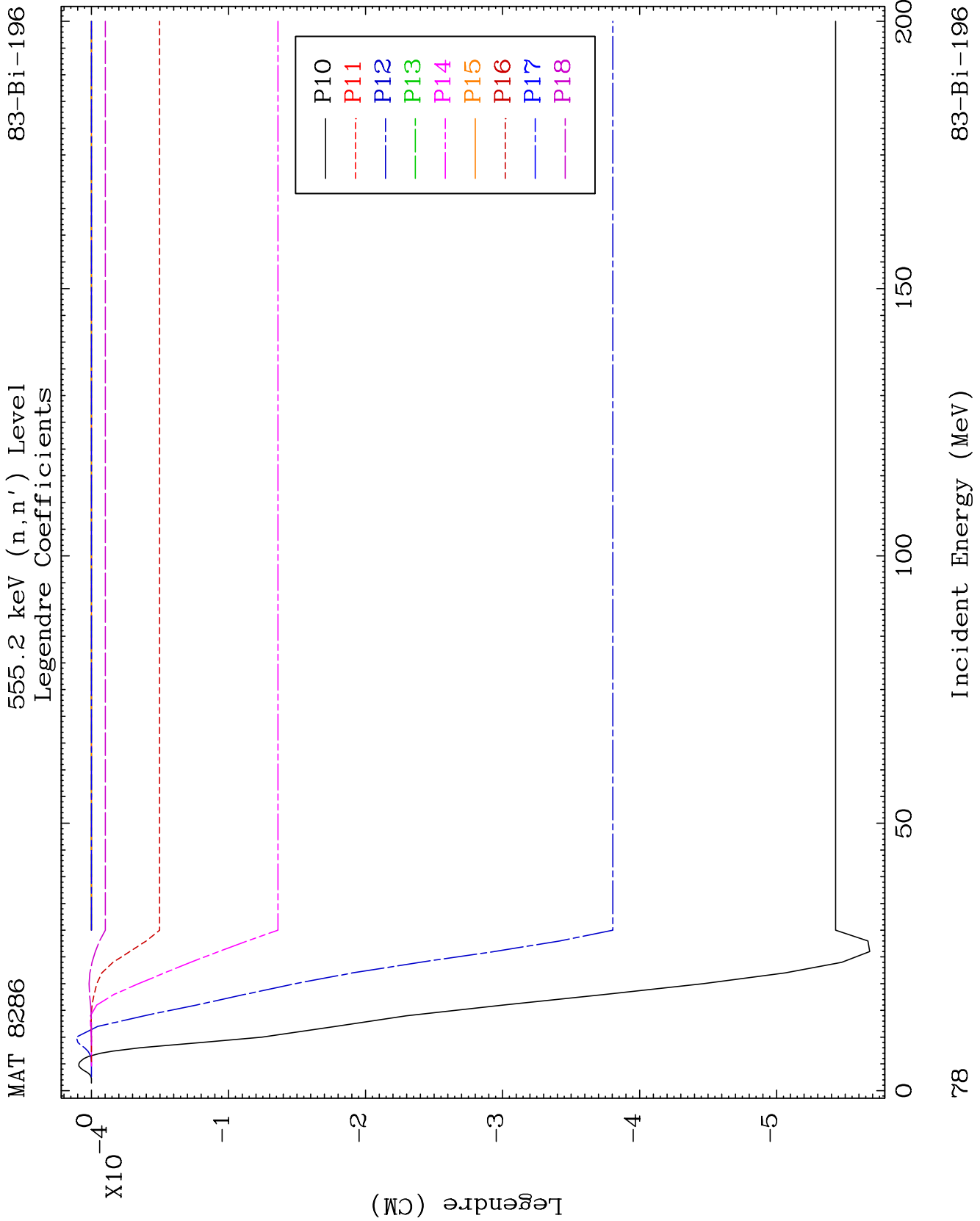
83-Bi-196

MAT 8286

536.4 keV (n,n') Level
Legendre Coefficients

83-Bi-196

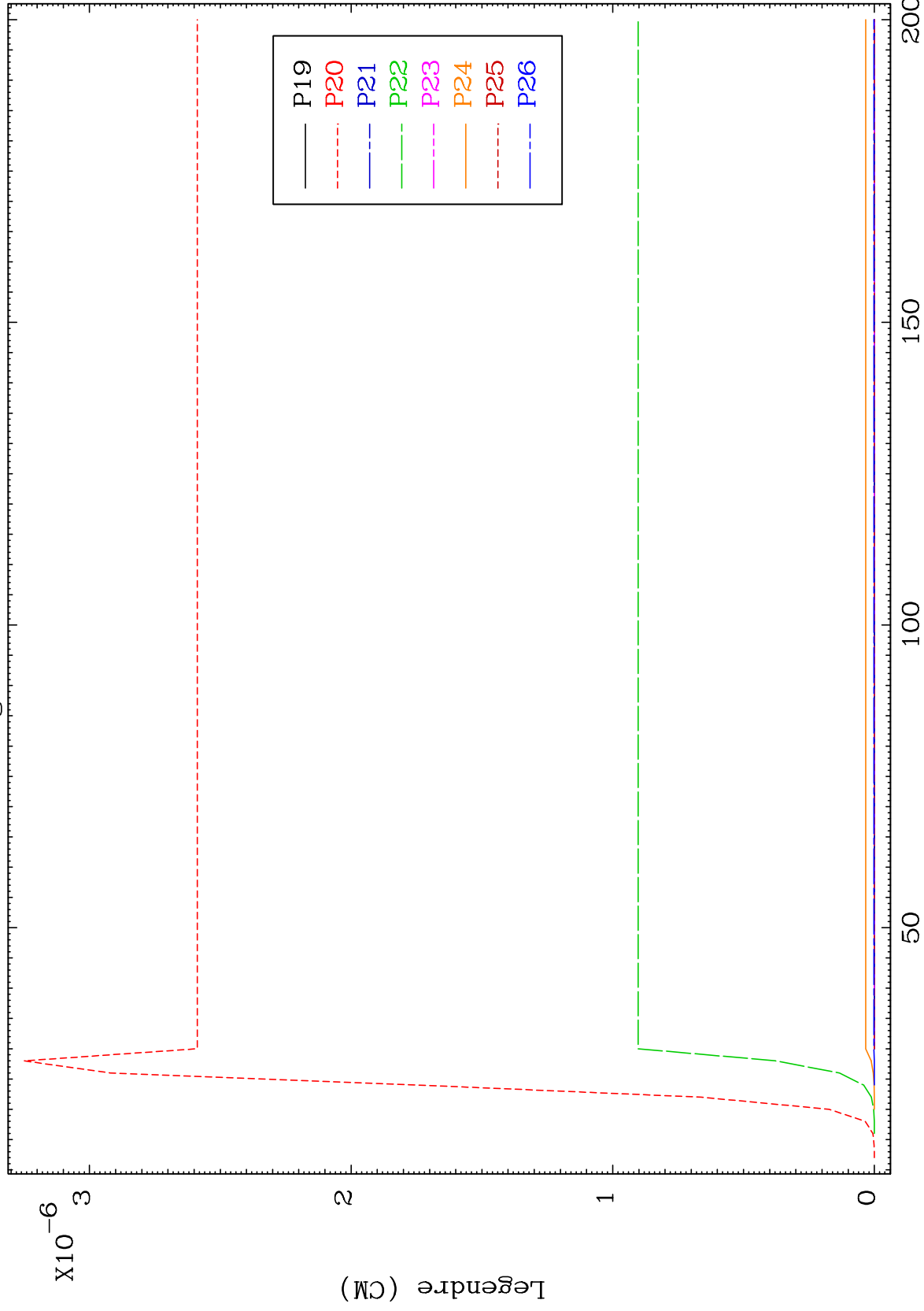




MAT 8286

555.2 keV (n,n') Level
Legendre Coefficients

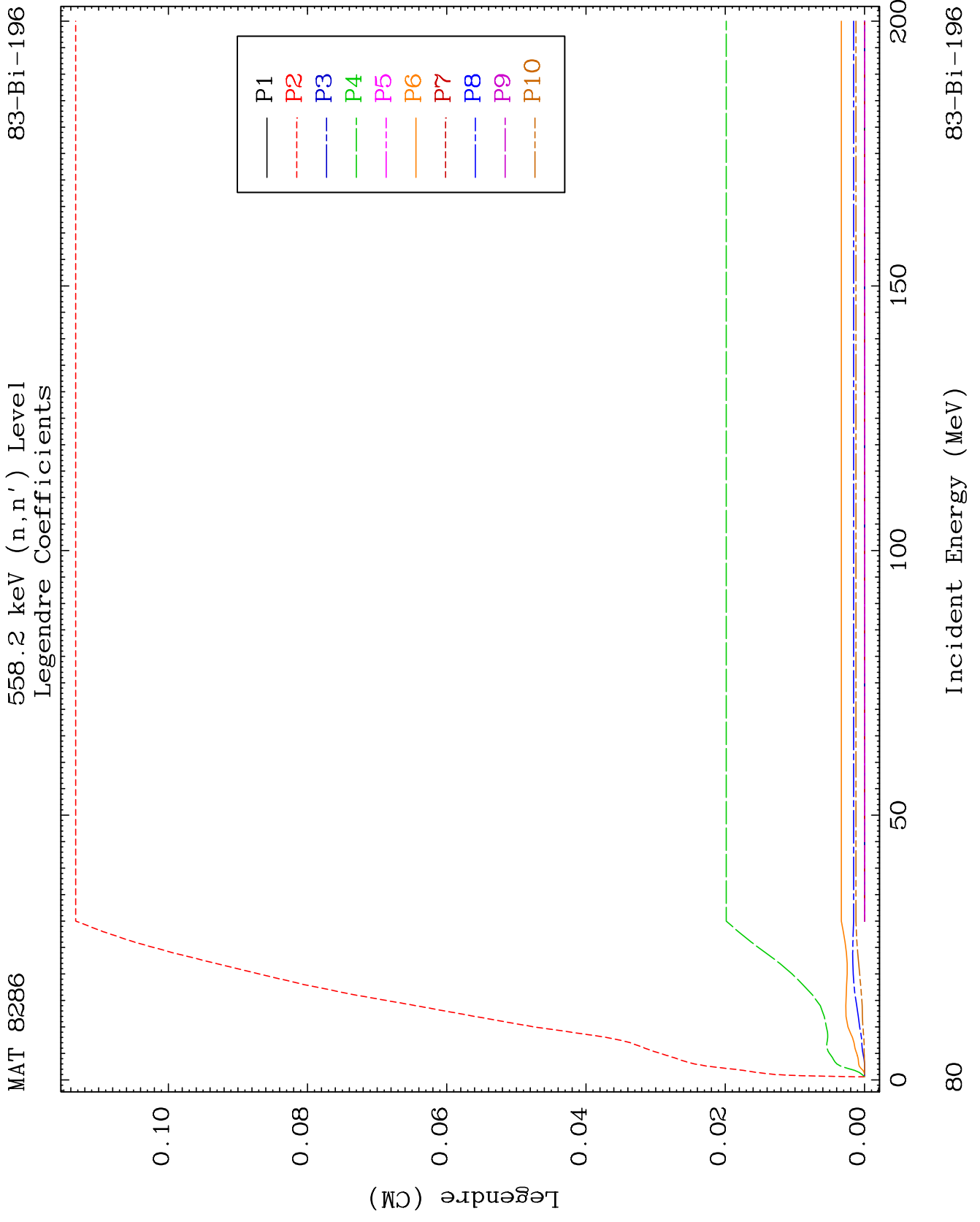
83-Bi-196

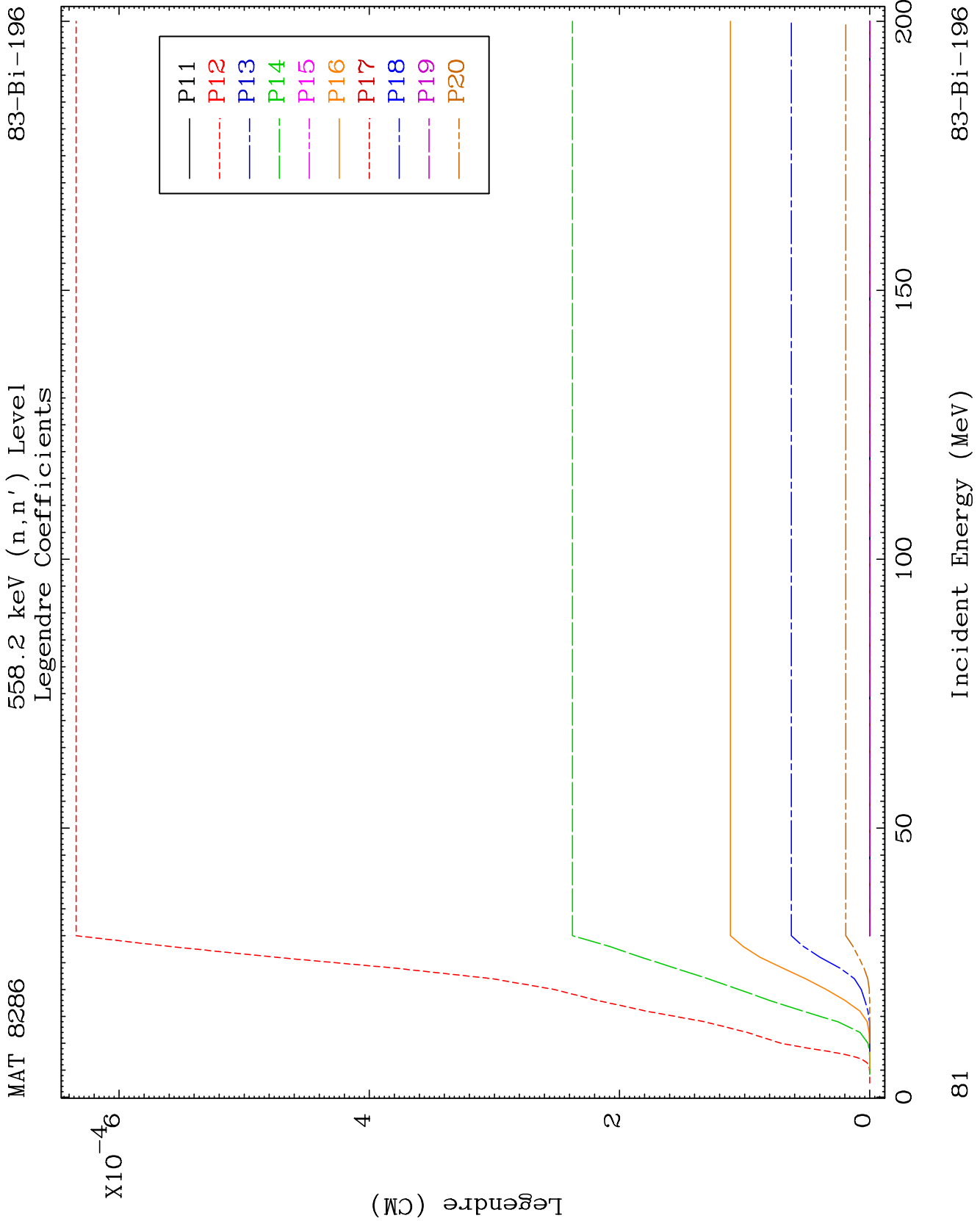


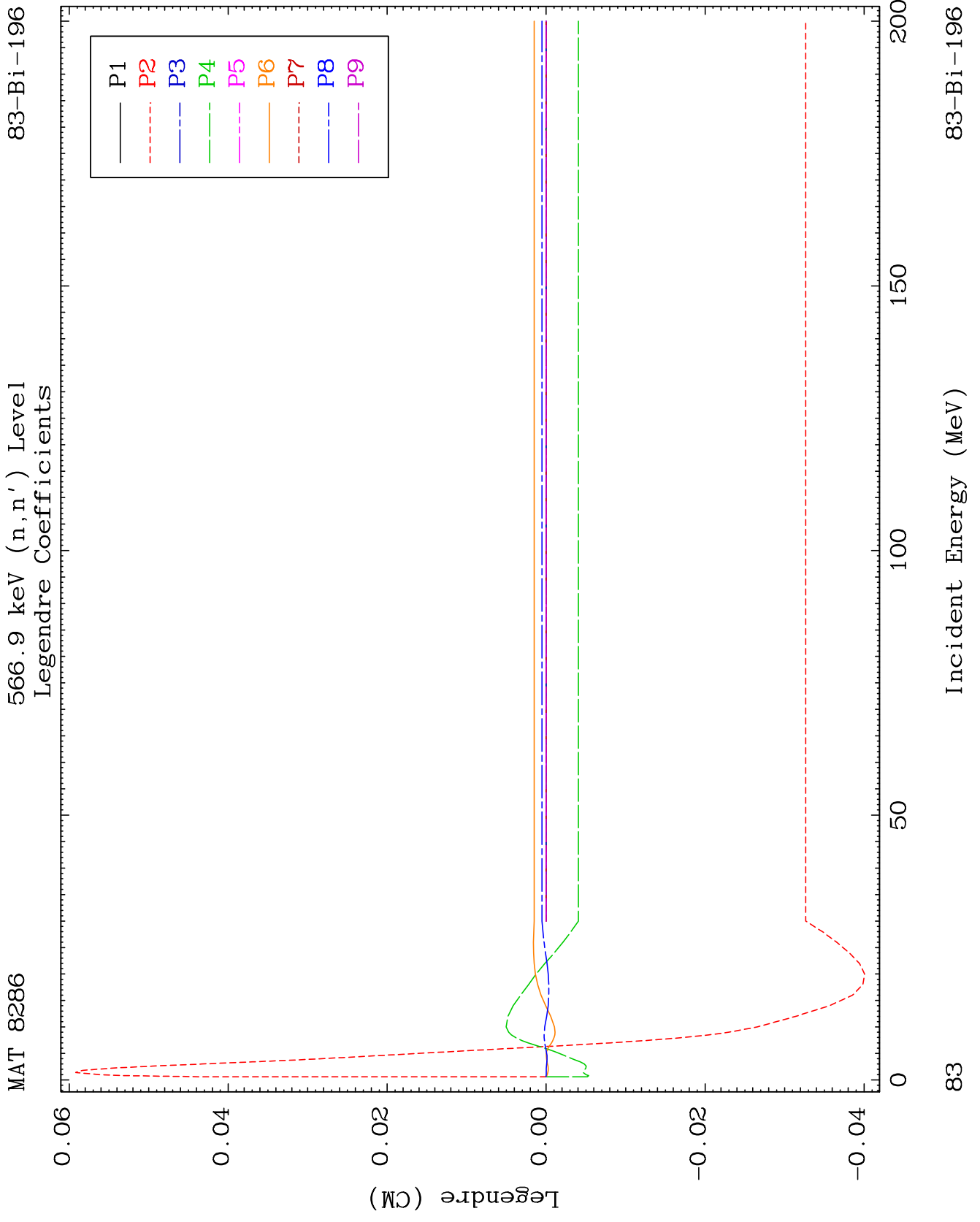
79

Incident Energy (MeV)

83-Bi-196



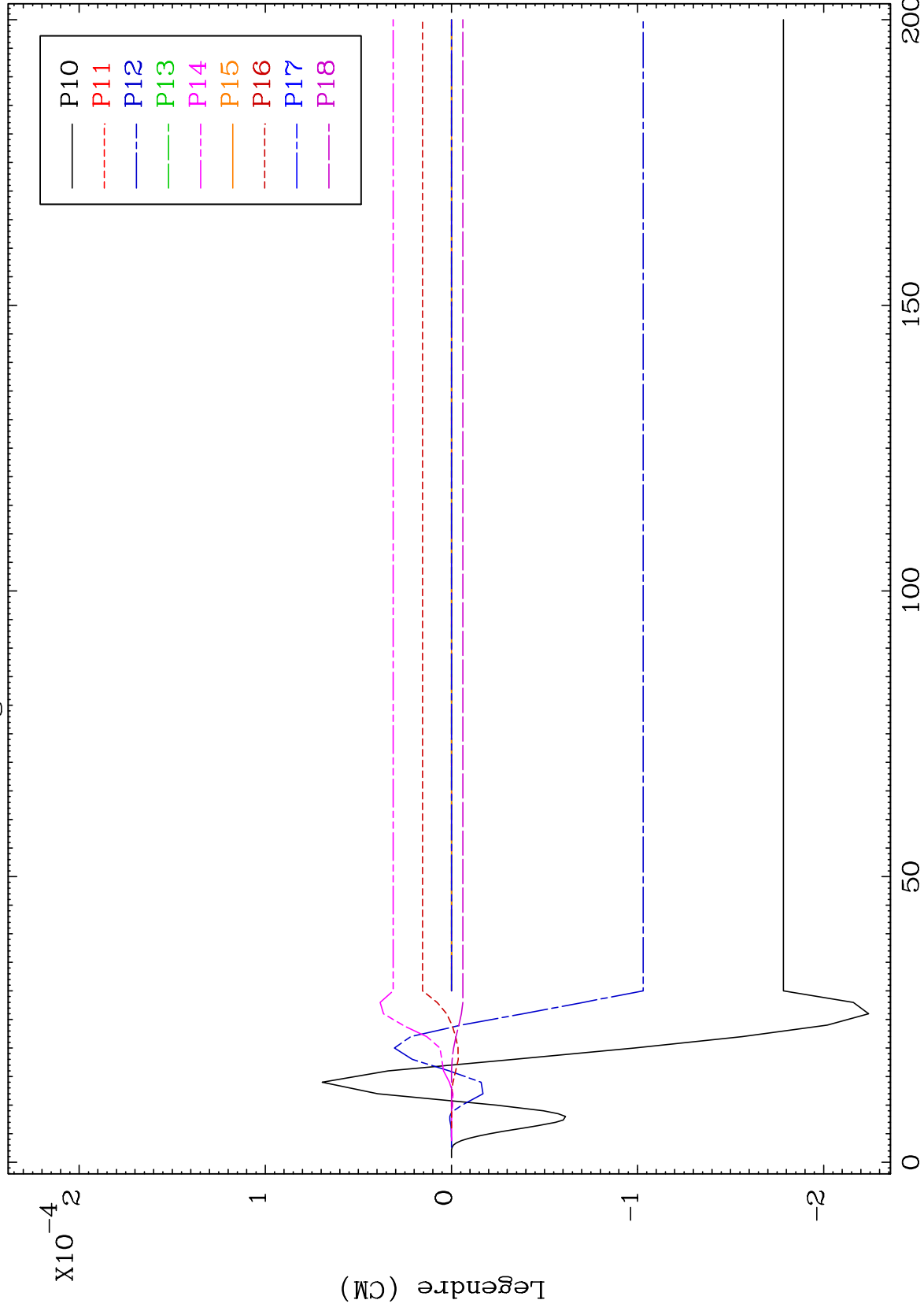




MAT 8286

566.9 keV (n,n') Level
Legendre Coefficients

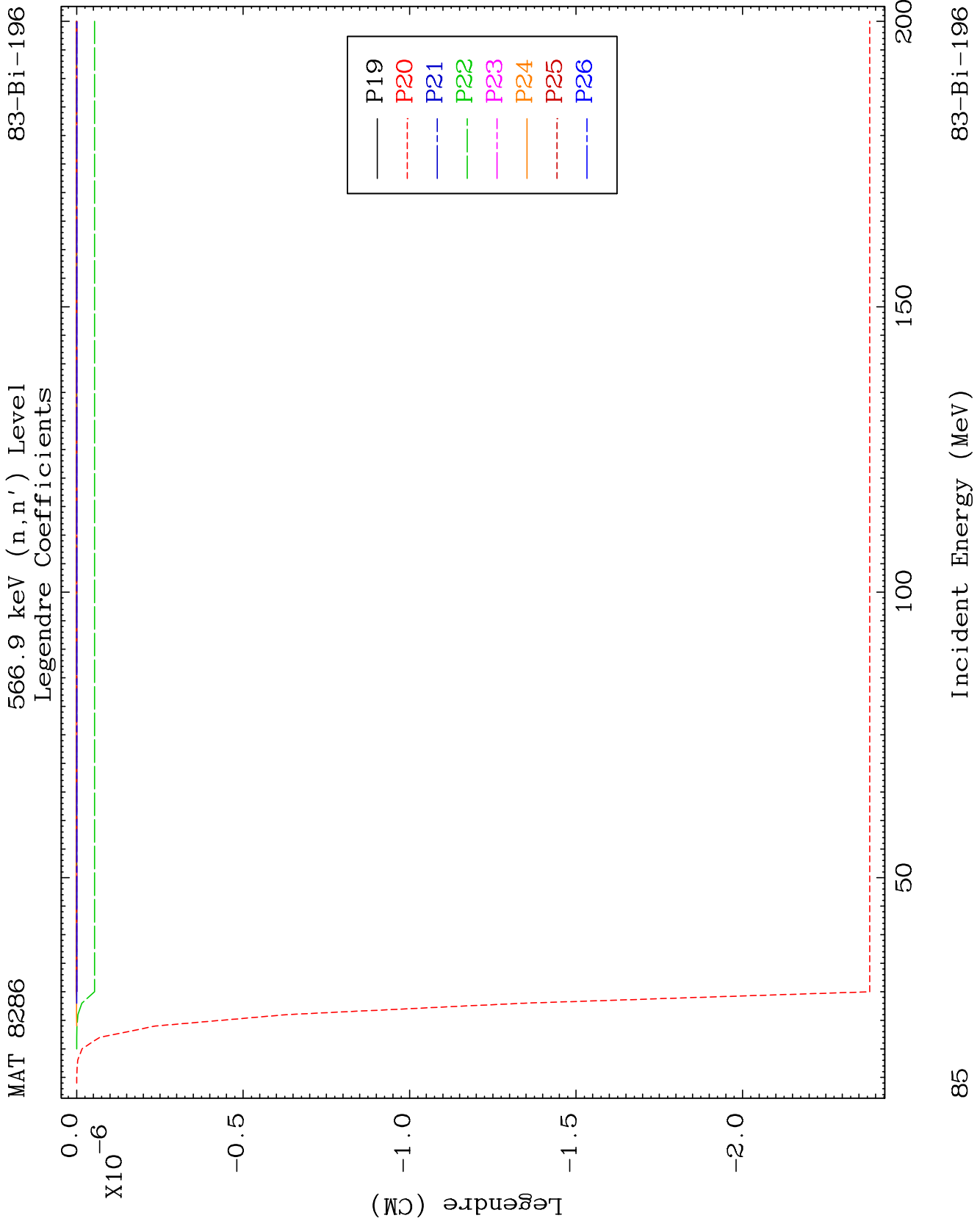
83-Bi-196



84

Incident Energy (MeV)

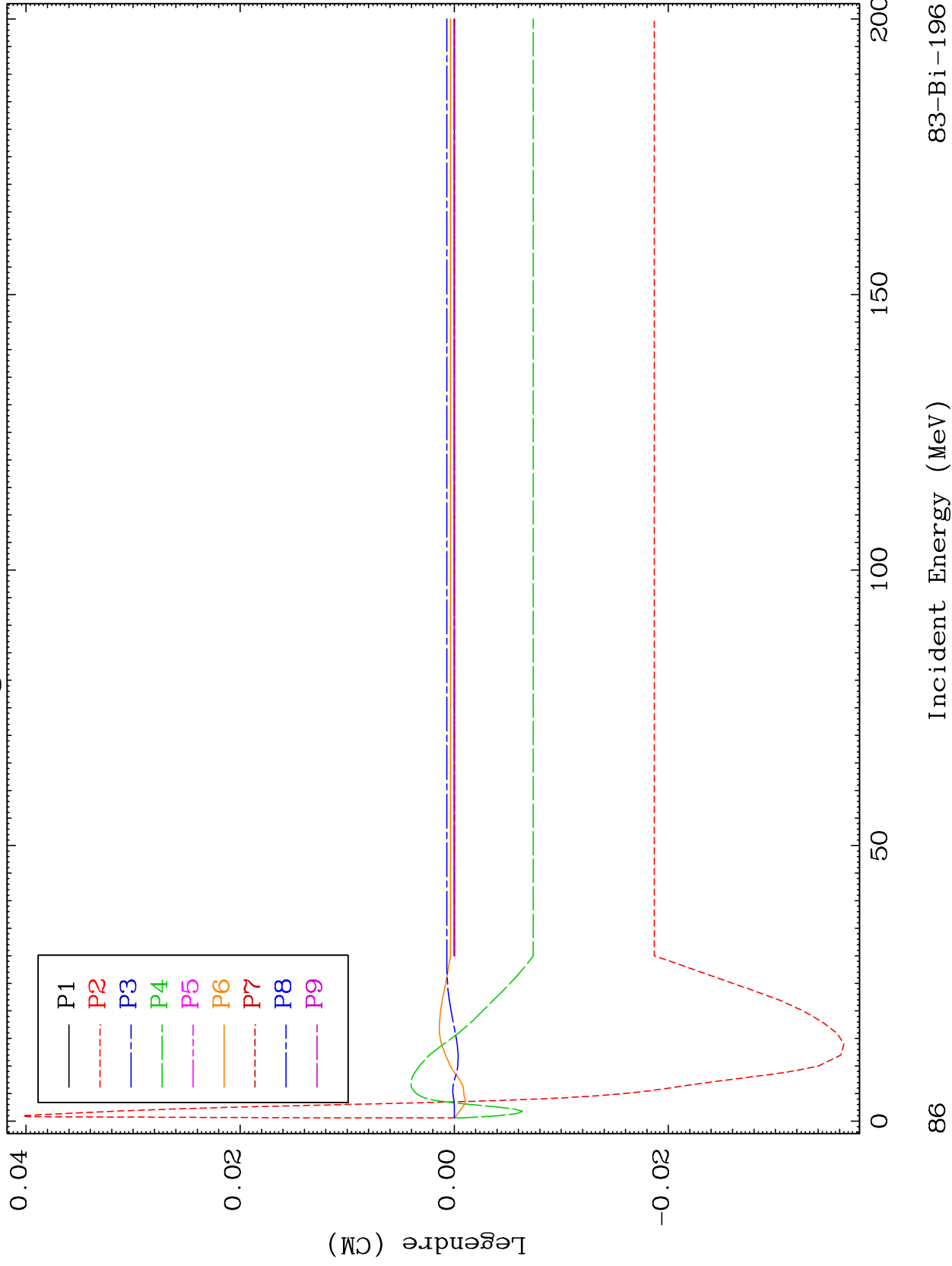
83-Bi-196



MAT 8286

568.3 keV (n,n') Level
Legendre Coefficients

83-Bi-196



83-Bi-196

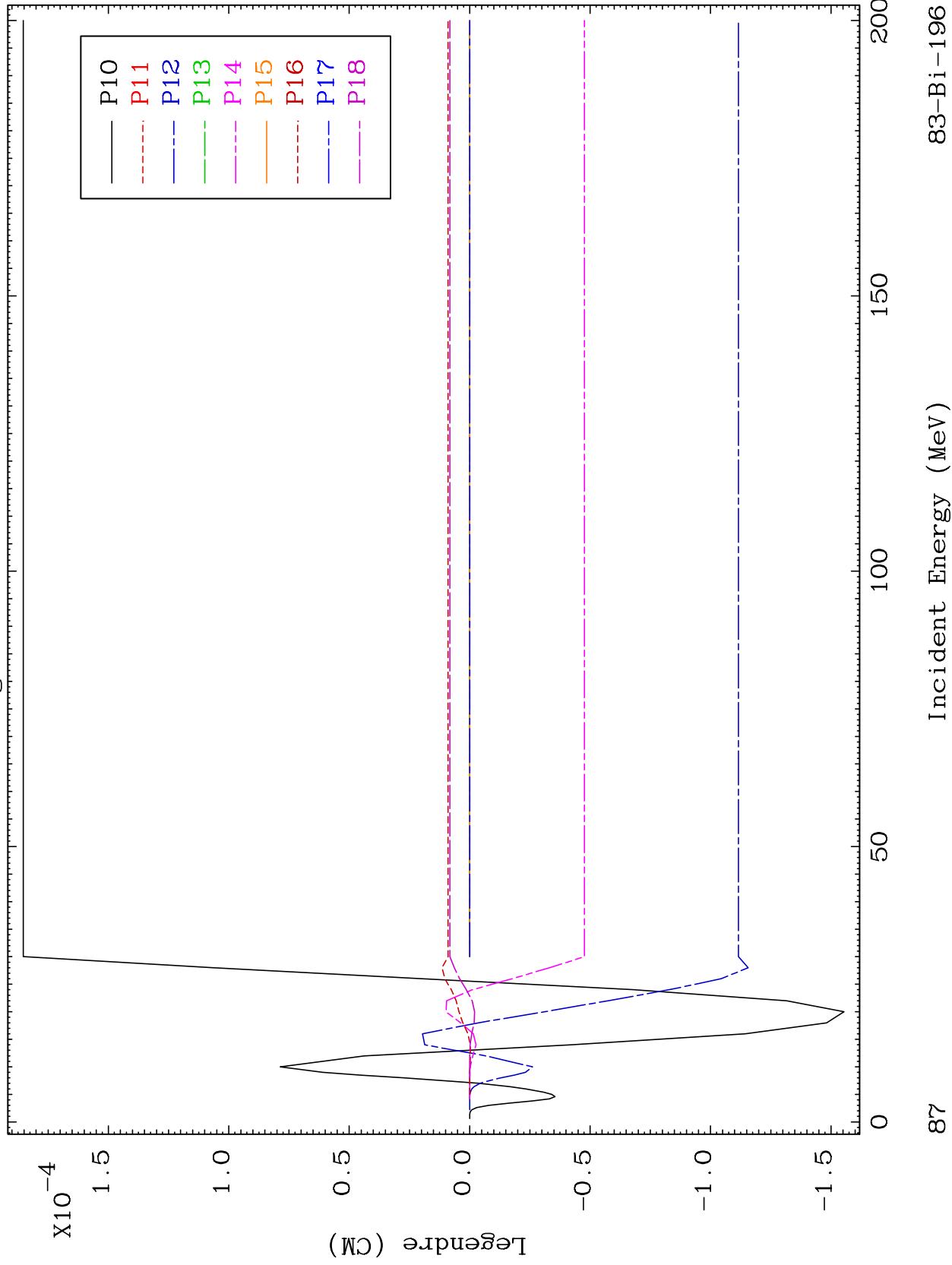
Incident Energy (MeV)

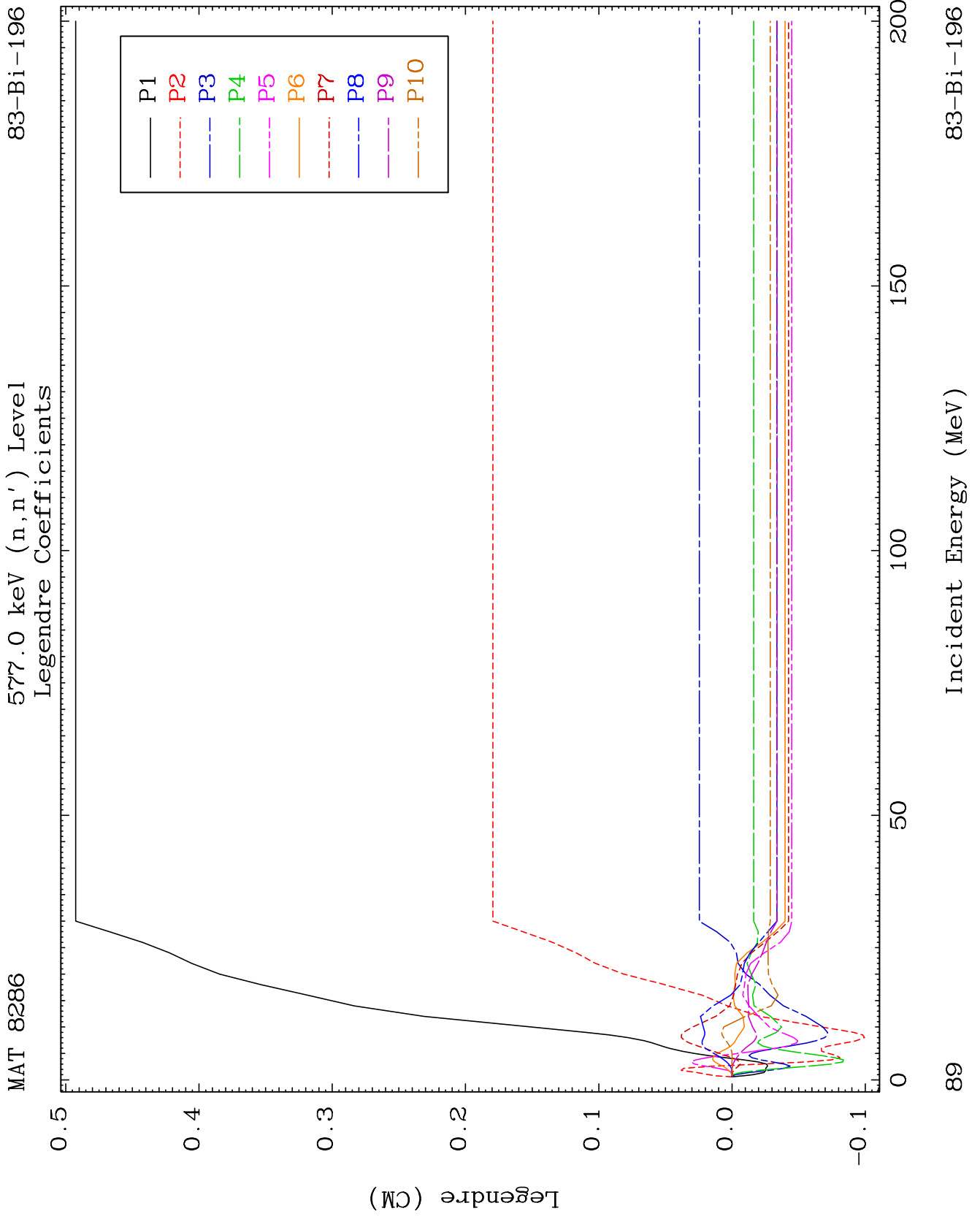
86

MAT 8286

568.3 keV (n,n') Level
Legendre Coefficients

83-Bi-196

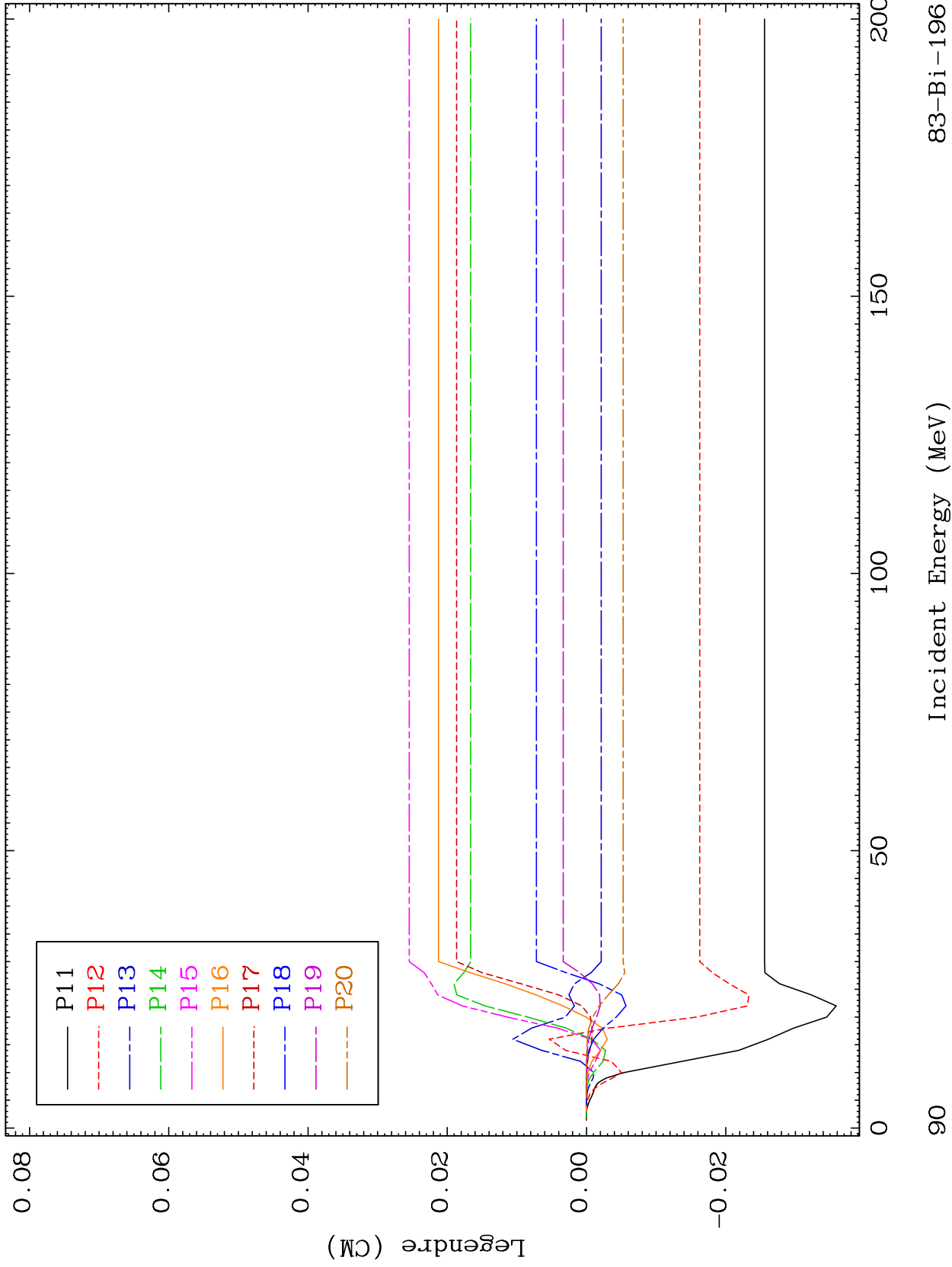




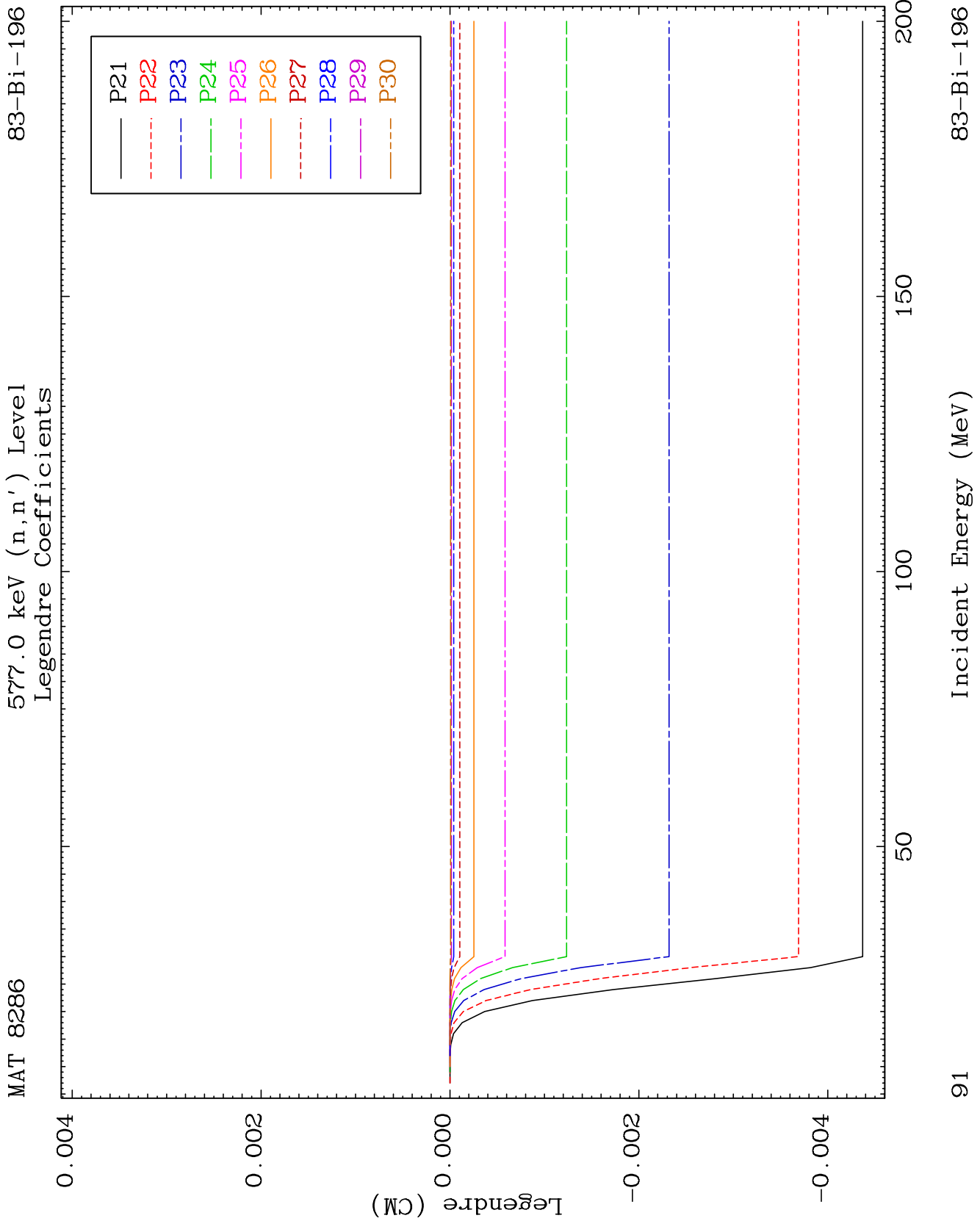
MAT 8286

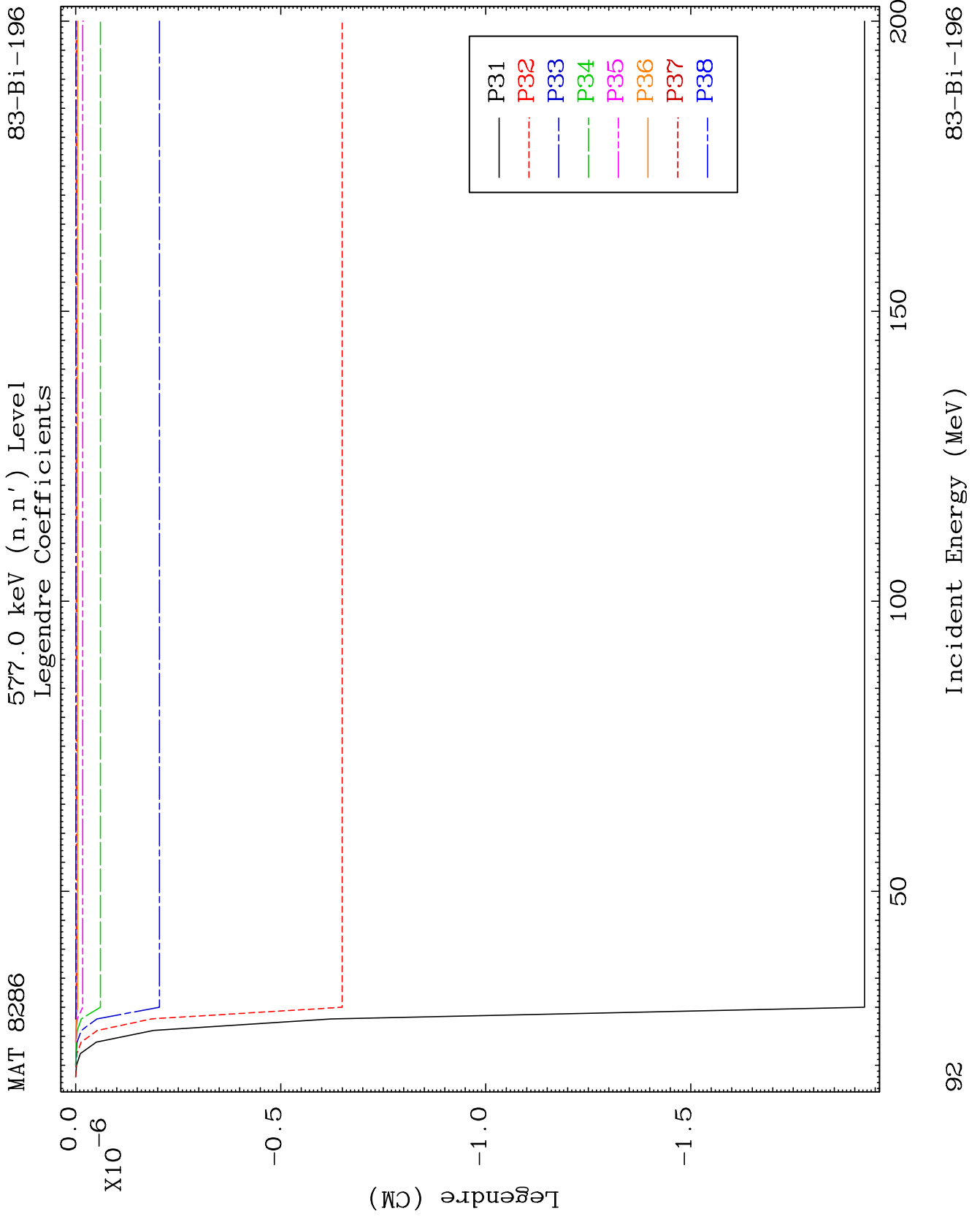
577.0 keV (n,n') Level
Legendre Coefficients

83-Bi-196



83-Bi-196

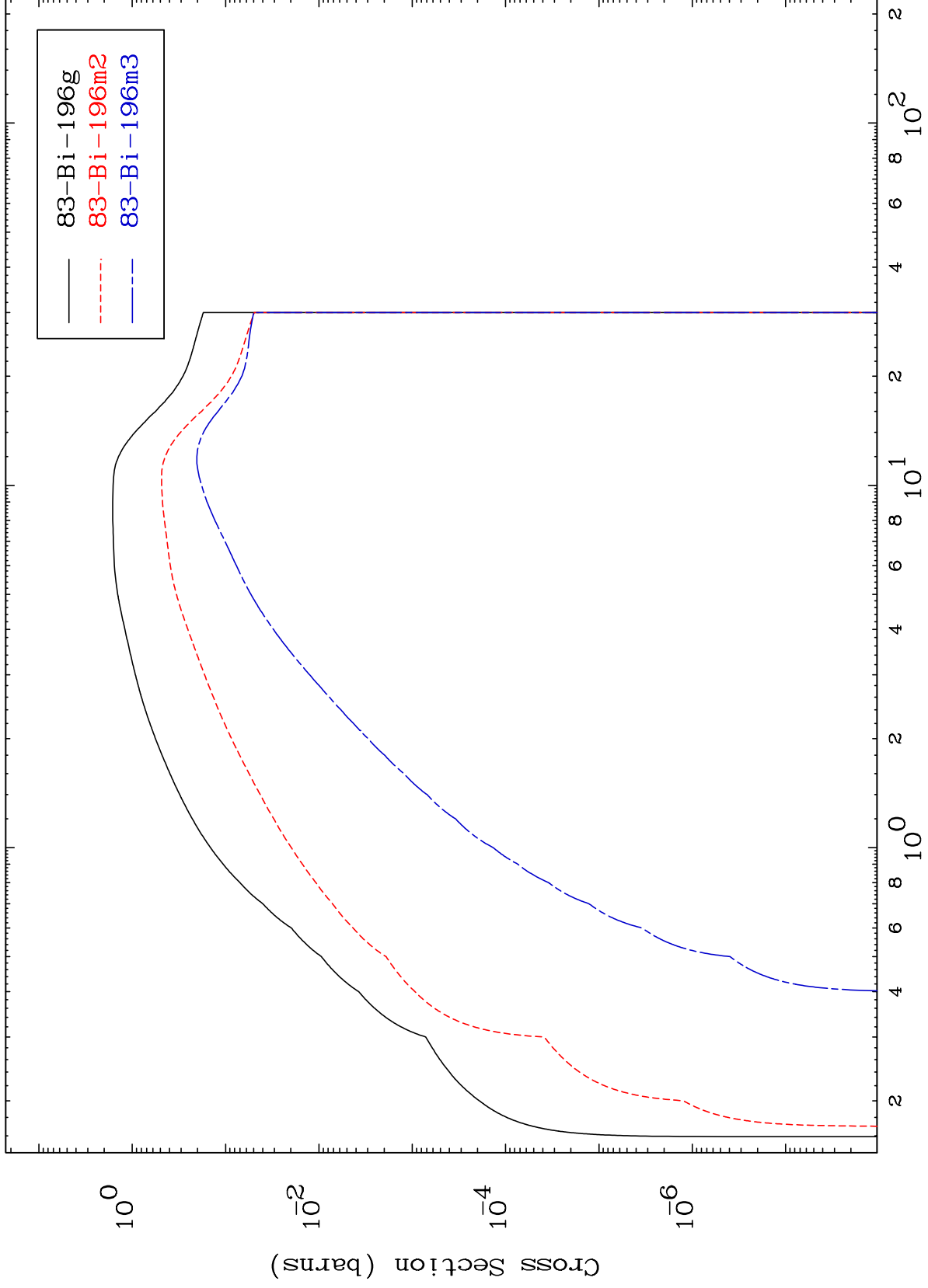




MAT 8286

Inelastic
Radionuclide Production Cross Section

83-Bi-196



93

Incident Energy (MeV)

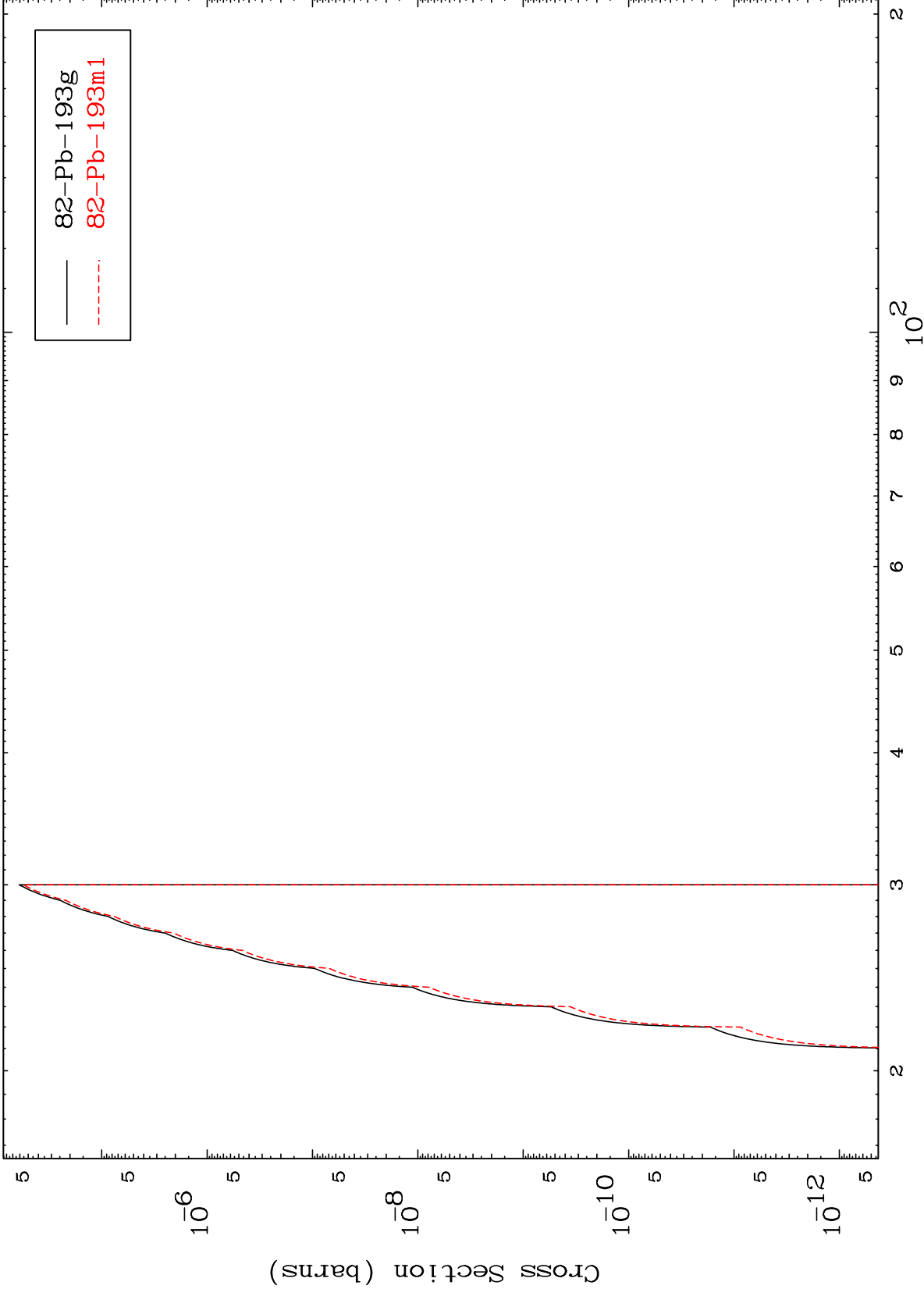
83-Bi-196

MAT 8286

(n,2n) d

83-Bi-196

Radionuclide Production Cross Section



94

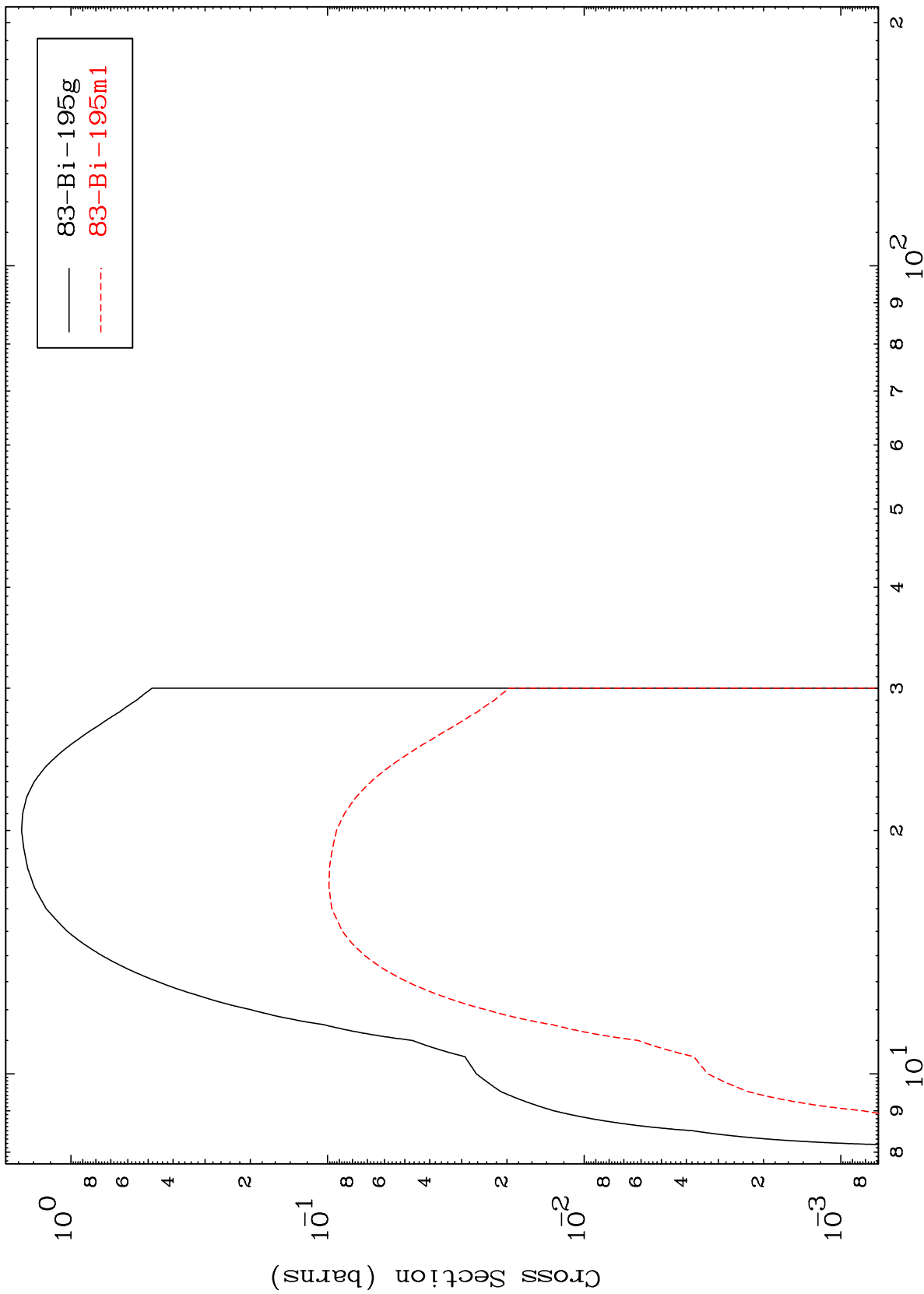
Incident Energy (MeV)

83-Bi-196

MAT 8286

83-Bi-196

(n,2n)
Radionuclide Production Cross Section

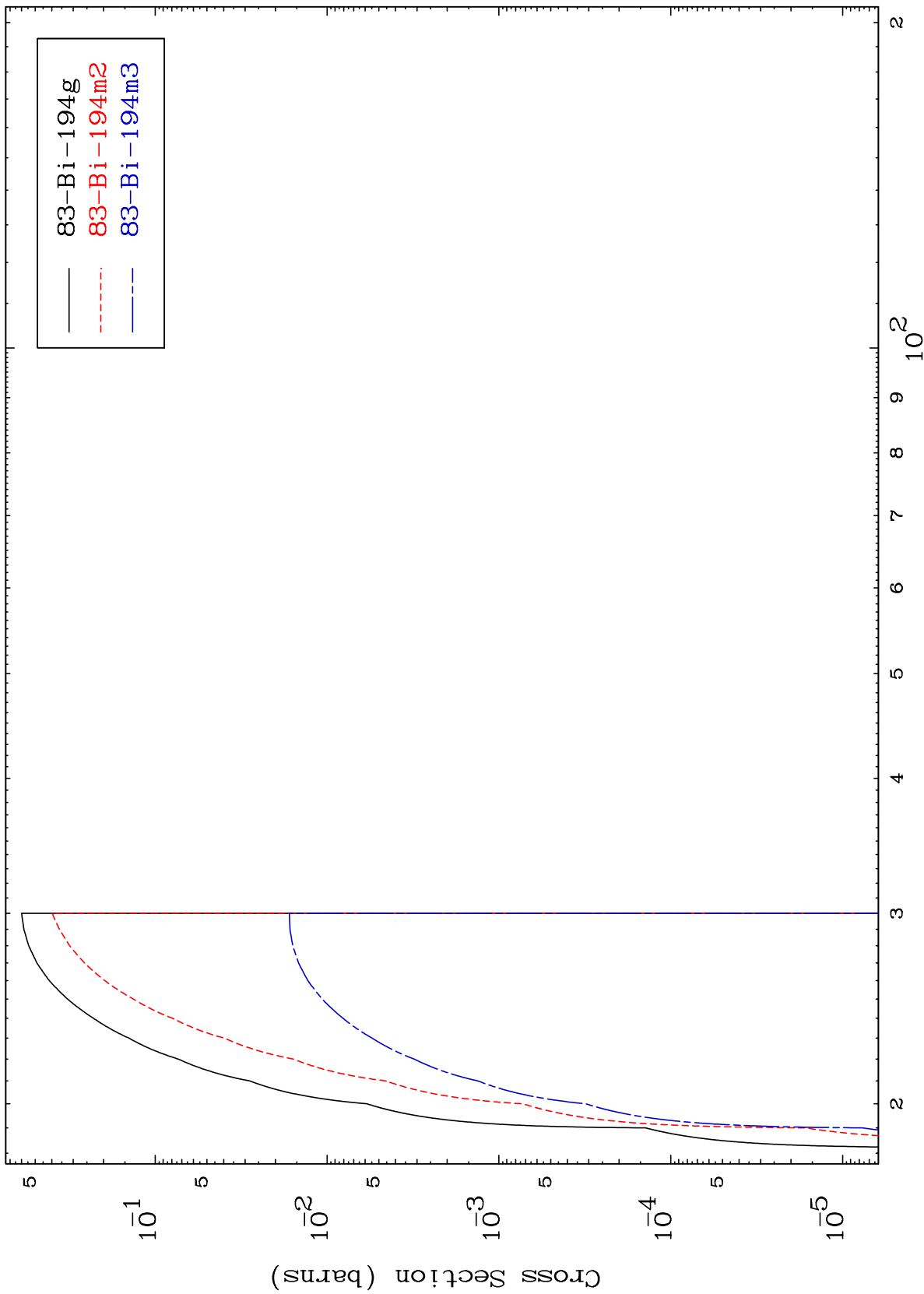


95

Incident Energy (MeV)

83-Bi-196

(n,3n)
Radionuclide Production Cross Section

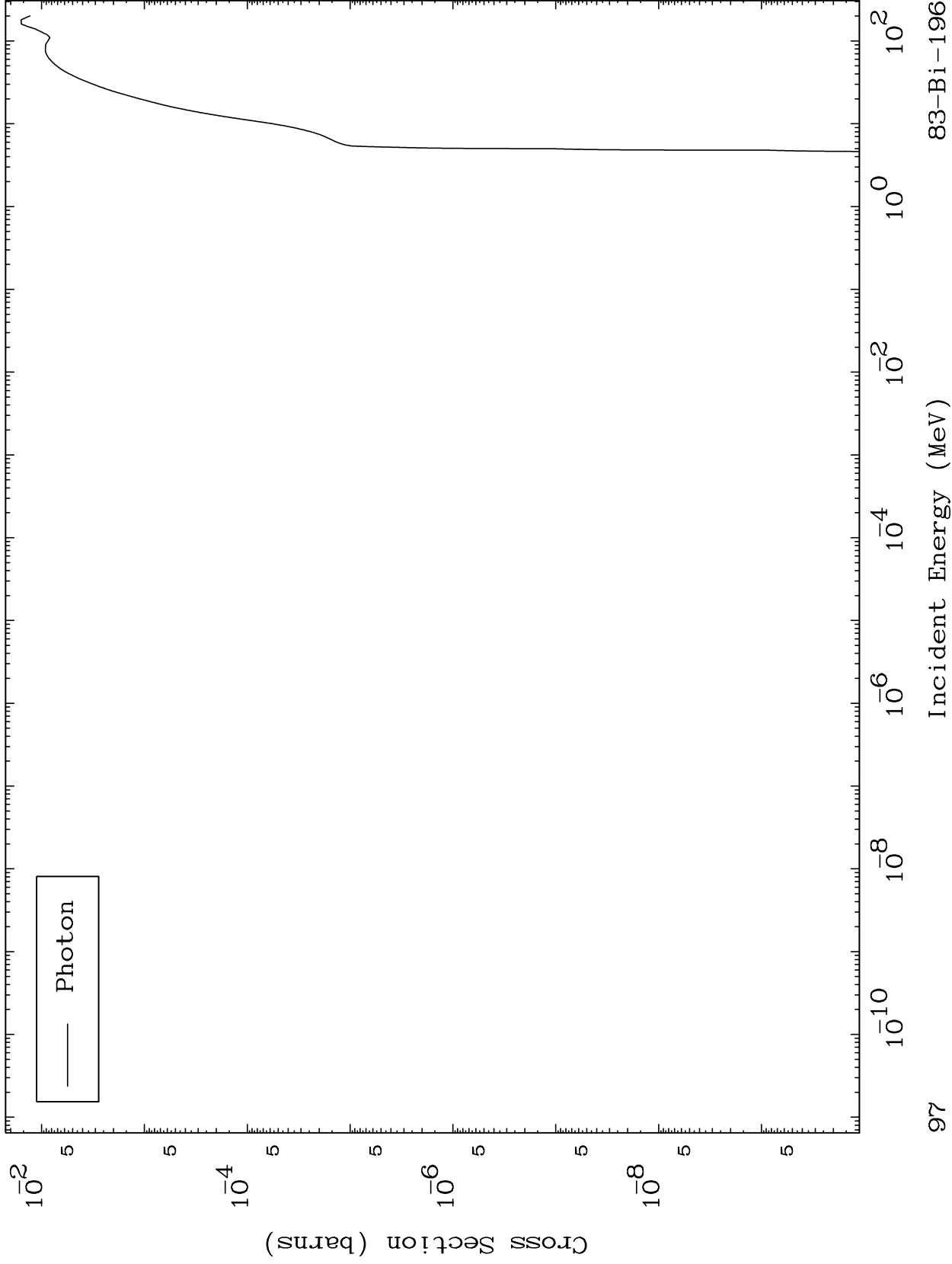


MAT 8286

Fission

83-Bi-196

Radionuclide Production Cross Section

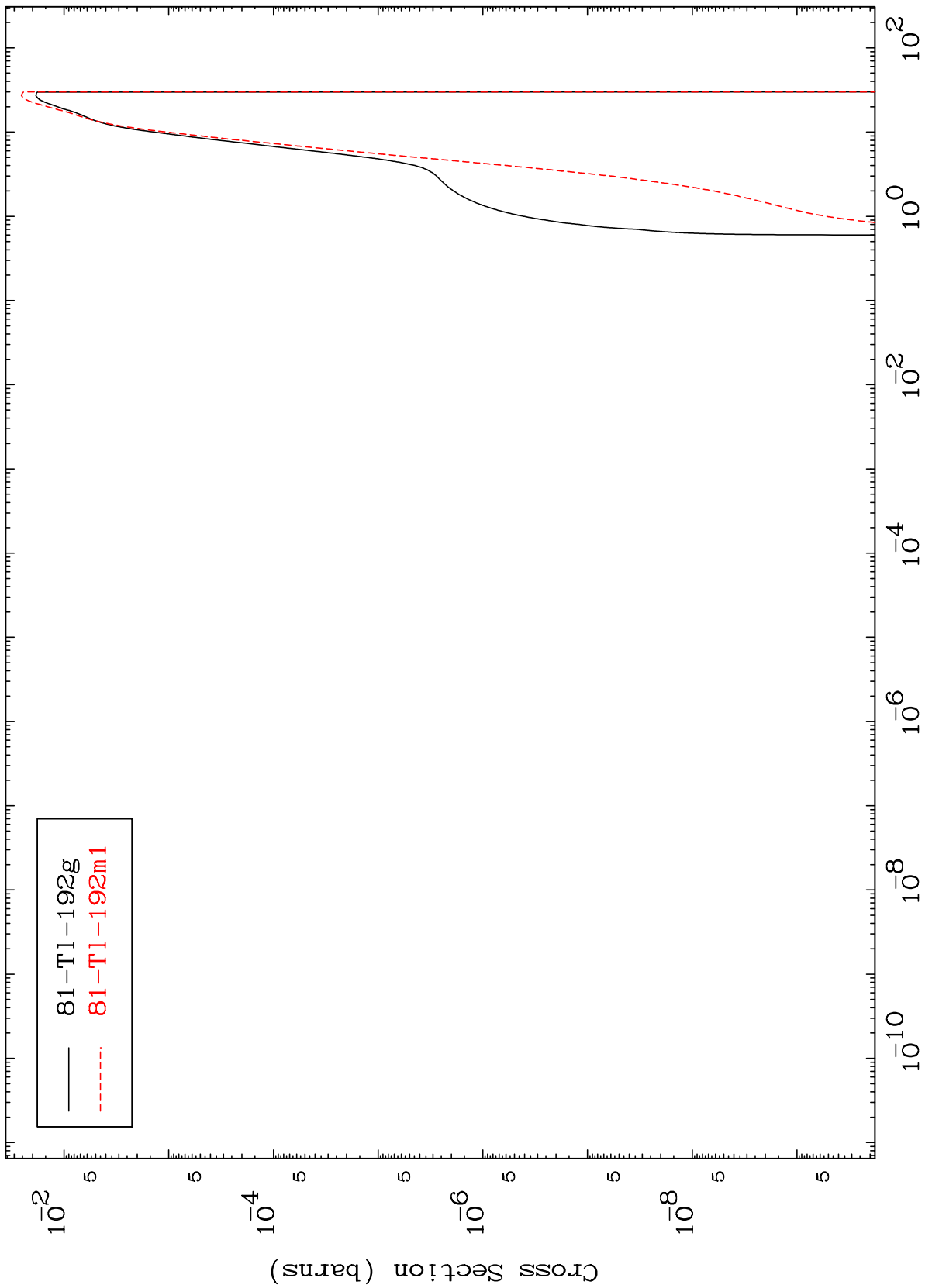


MAT 8286

(n, n') α

83-Bi-196

Radionuclide Production Cross Section

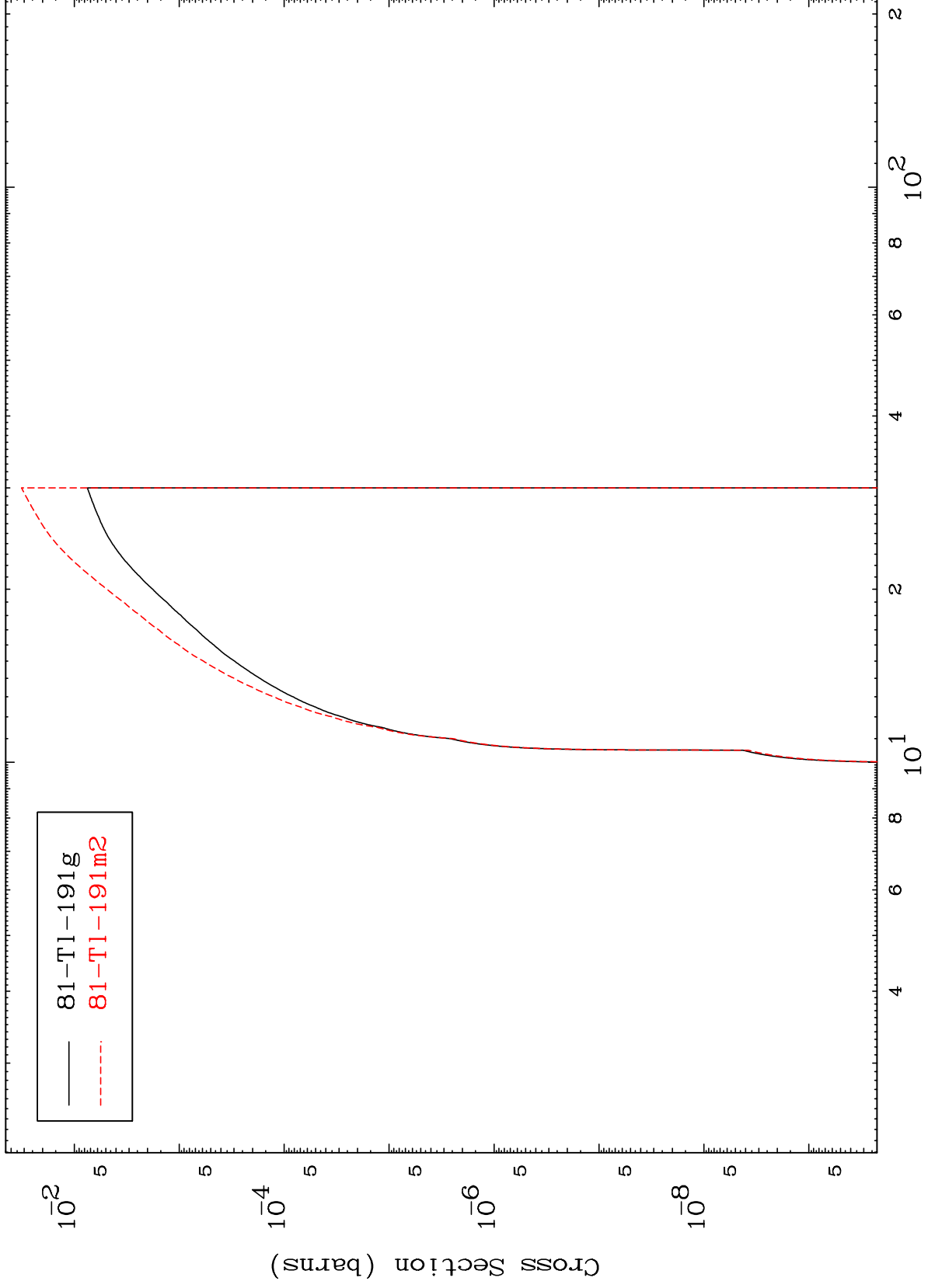


MAT 8286

$(n,2n) \alpha$

83-Bi-196

Radionuclide Production Cross Section



99

Incident Energy (MeV)

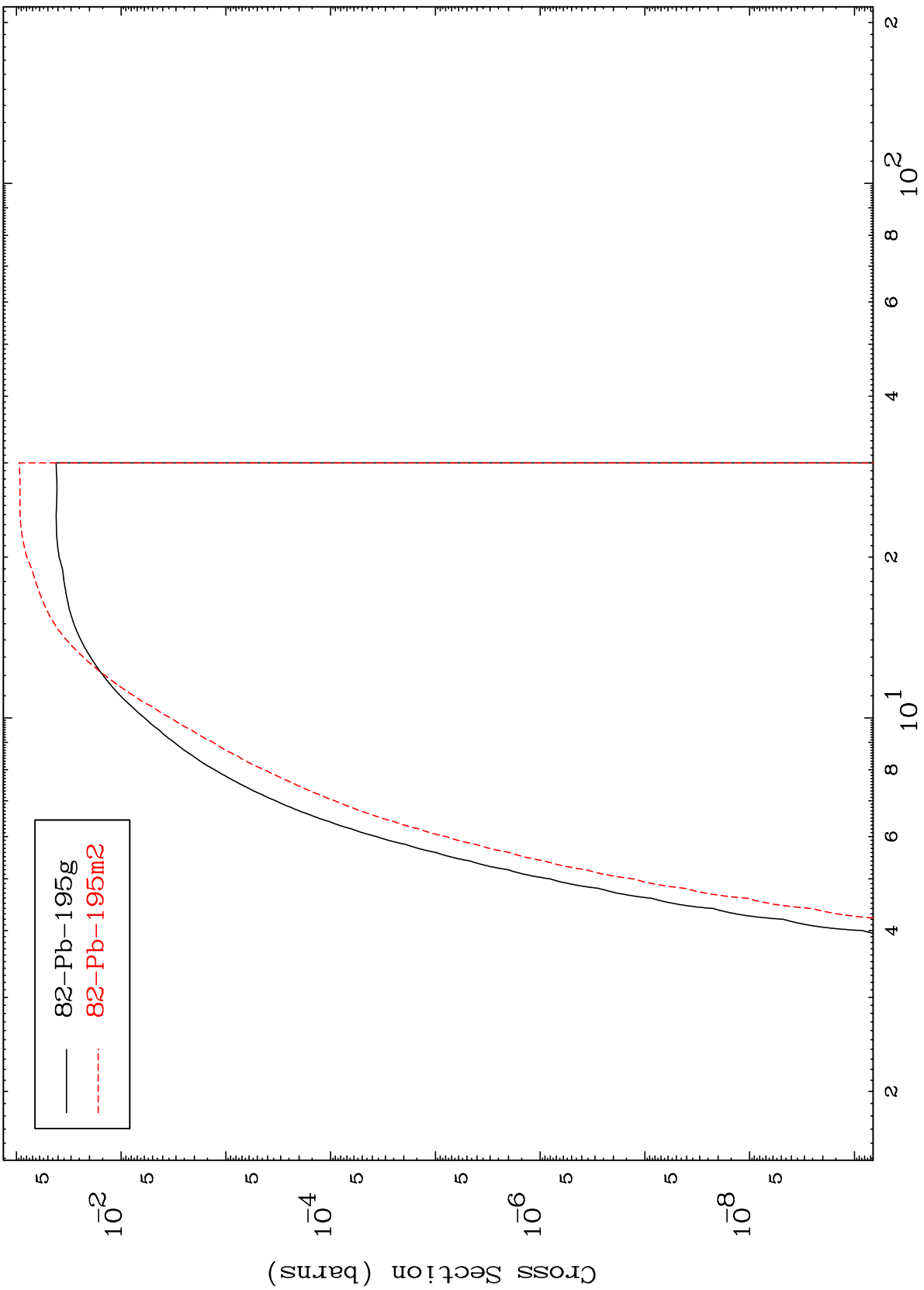
83-Bi-196

MAT 8286

(n,n') p

83-Bi-196

Radionuclide Production Cross Section



100

Incident Energy (MeV)

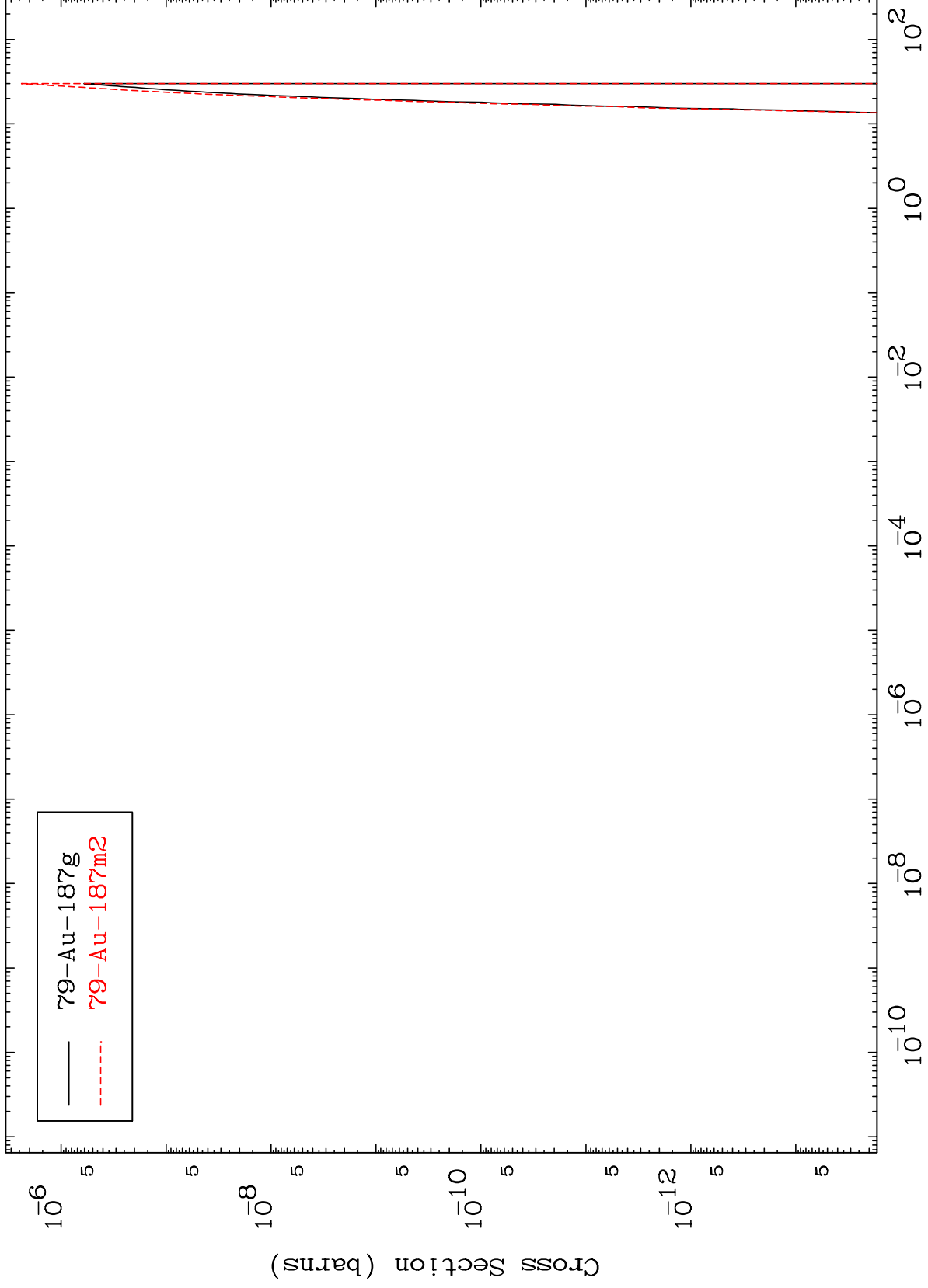
83-Bi-196

MAT 8286

(n,2n) 2α

83-Bi-196

Radionuclide Production Cross Section



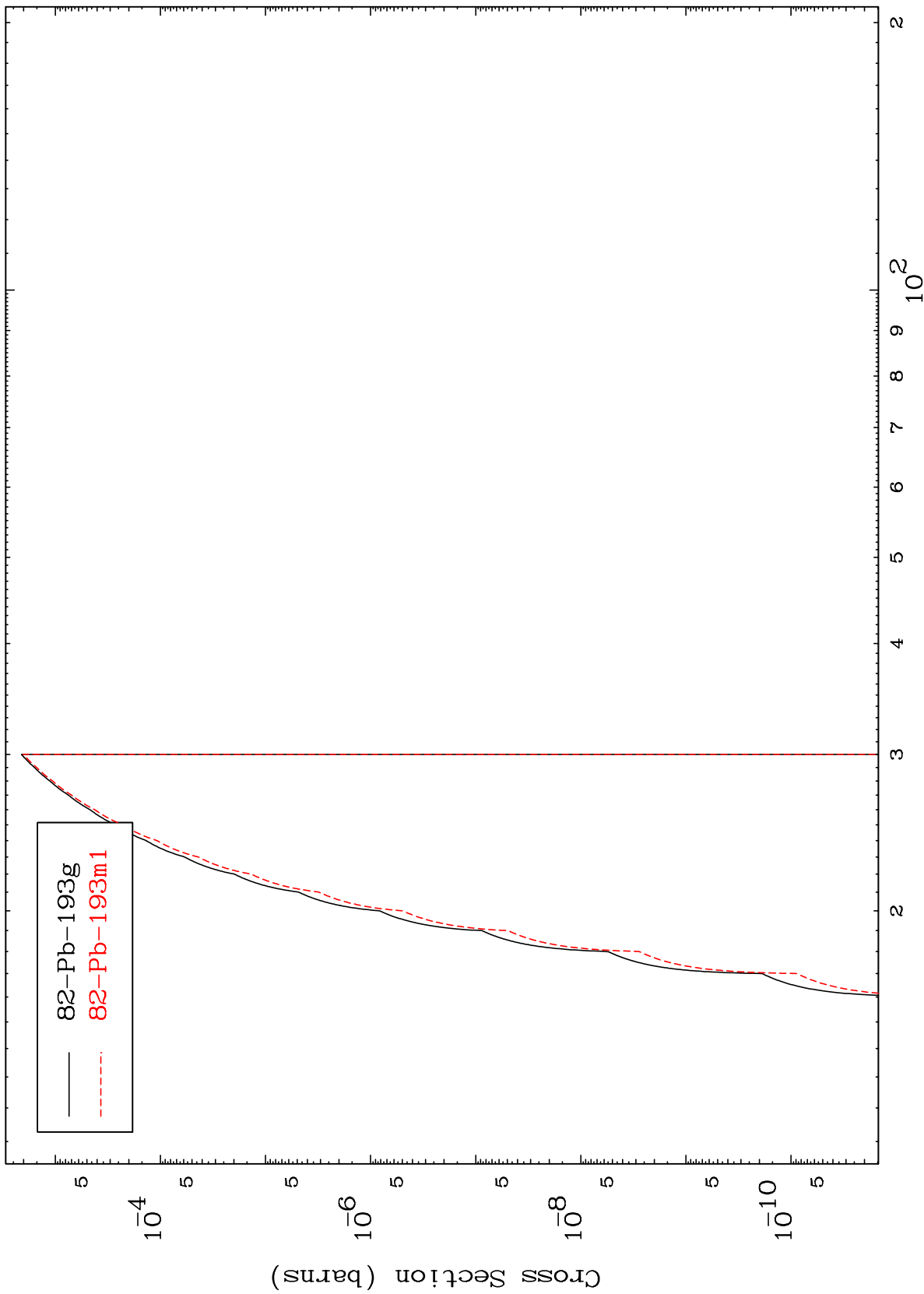
79-Au-187g
79-Au-187m2

101

Incident Energy (MeV)

83-Bi-196

Radionuclide Production Cross Section

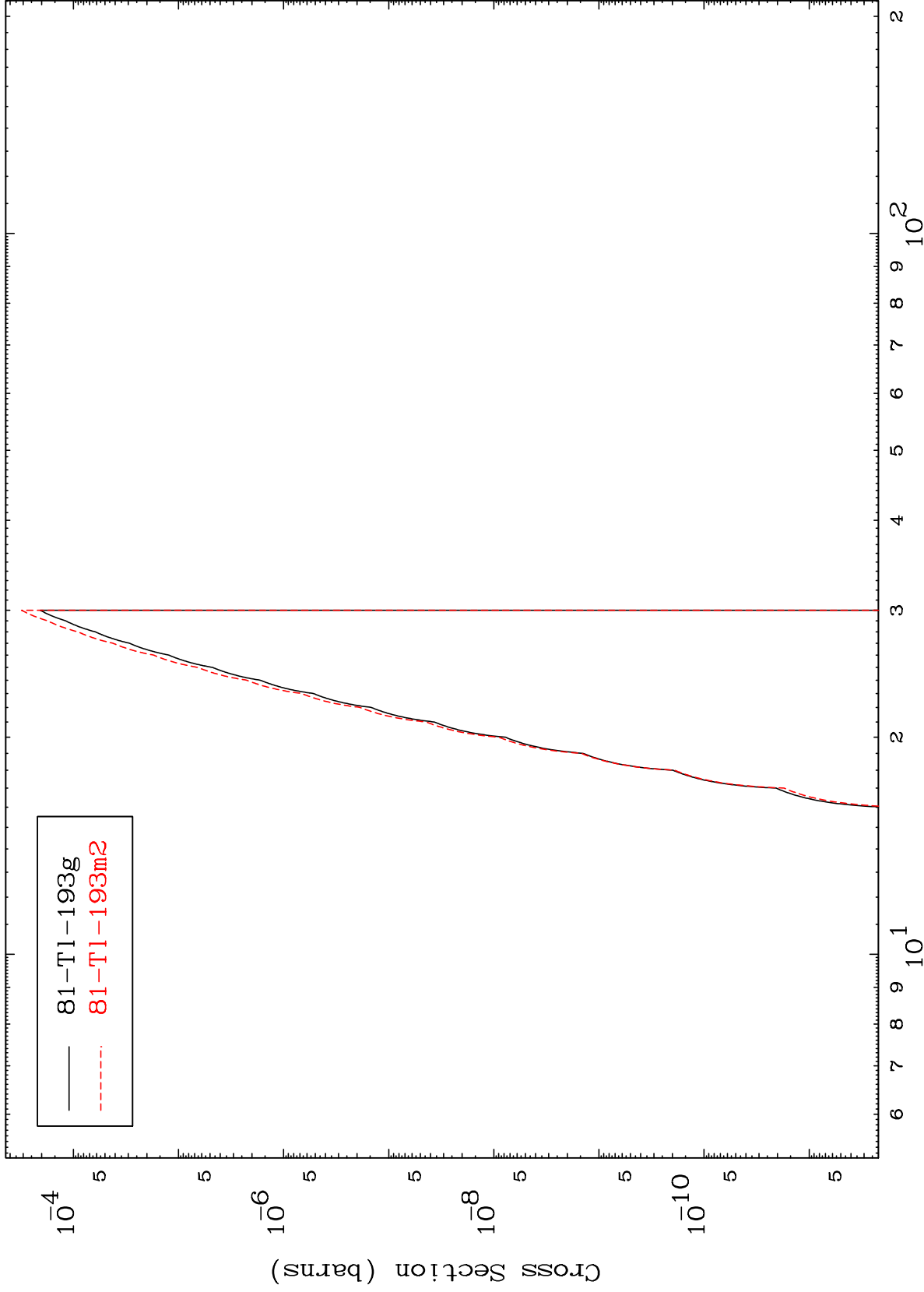


MAT 8286

(n,n') He-3

83-Bi-196

Radionuclide Production Cross Section



81-Tl-193g
81-Tl-193m2

103

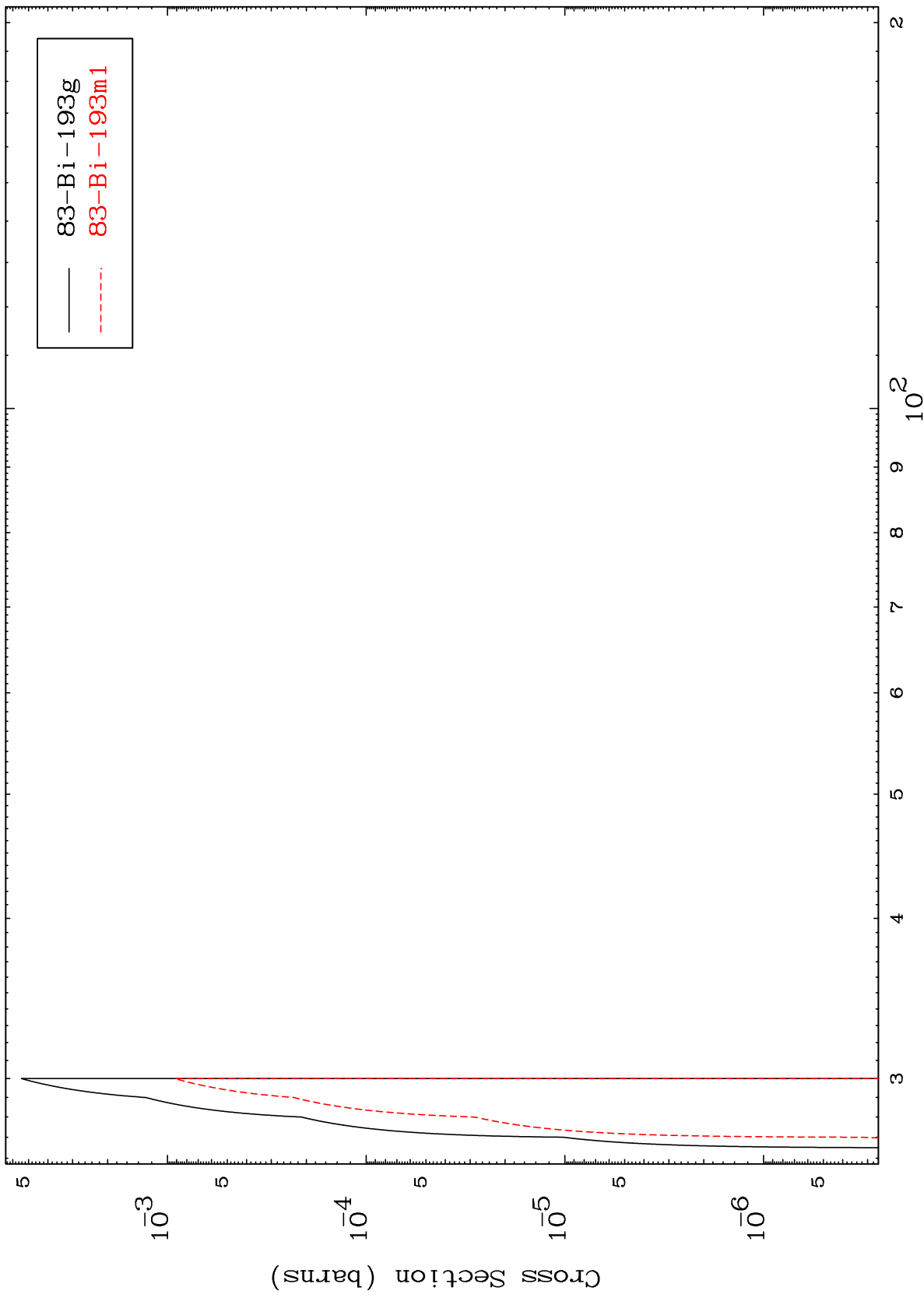
Incident Energy (MeV)

83-Bi-196

MAT 8286

83-Bi-196

(n,4n)
Radionuclide Production Cross Section



104

Incident Energy (MeV)

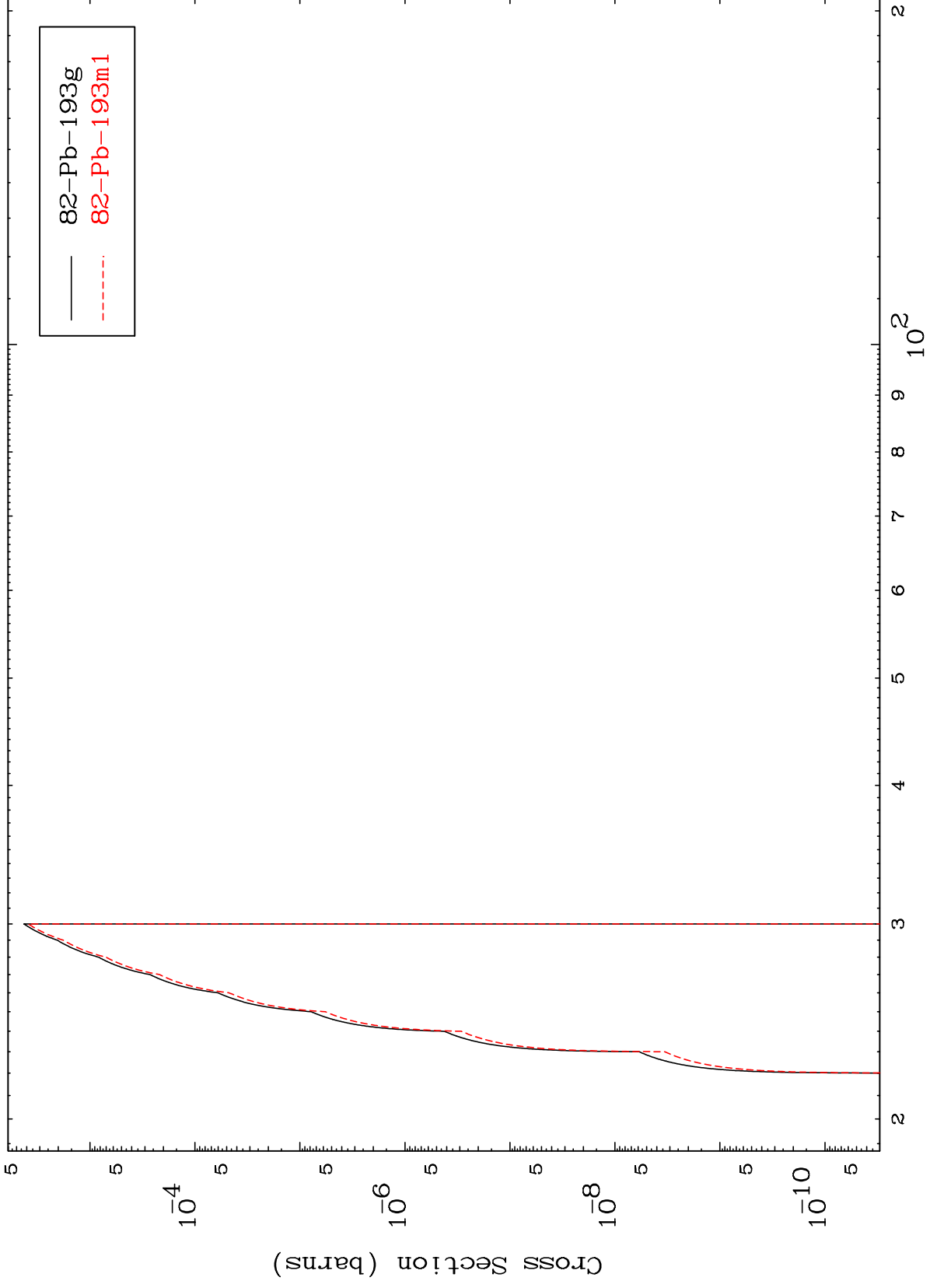
83-Bi-196

MAT 8286

(n,3n) p

83-Bi-196

Radionuclide Production Cross Section



105

Incident Energy (MeV)

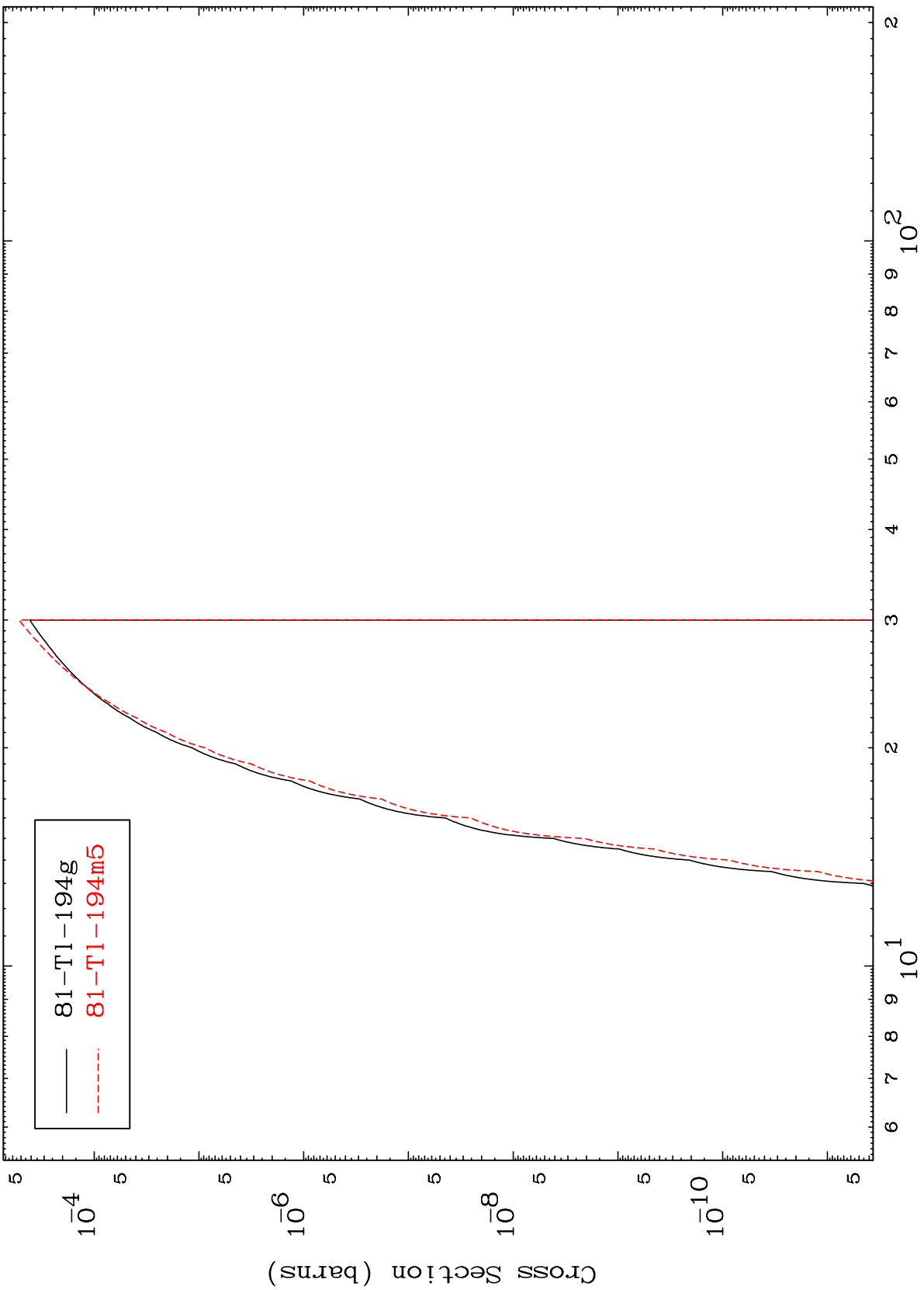
83-Bi-196

MAT 8286

(n,2n) p

83-Bi-196

Radionuclide Production Cross Section



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

106

Incident Energy (MeV)

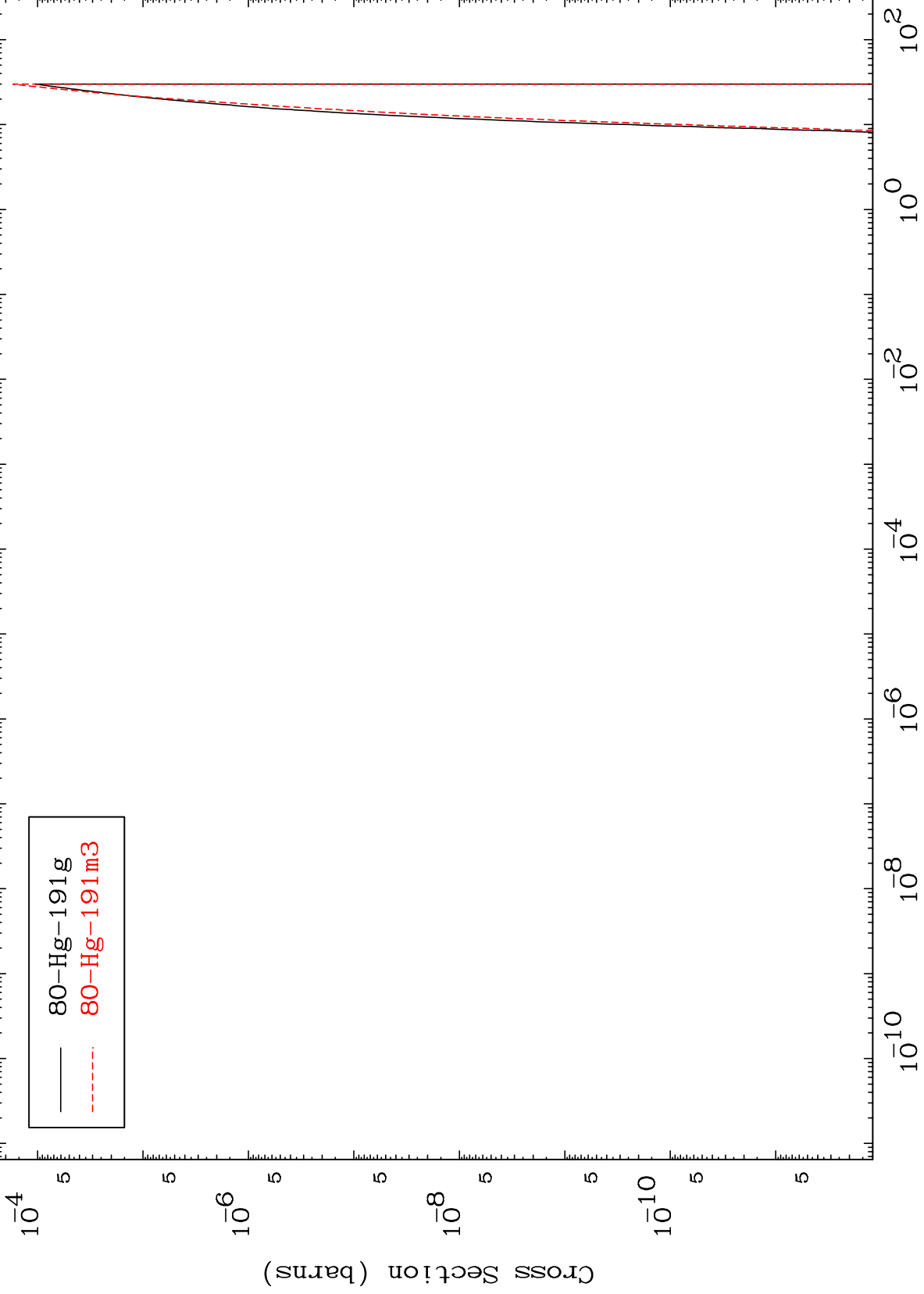
83-Bi-196

MAT 8286

(n,n') p α

83-Bi-196

Radionuclide Production Cross Section



107

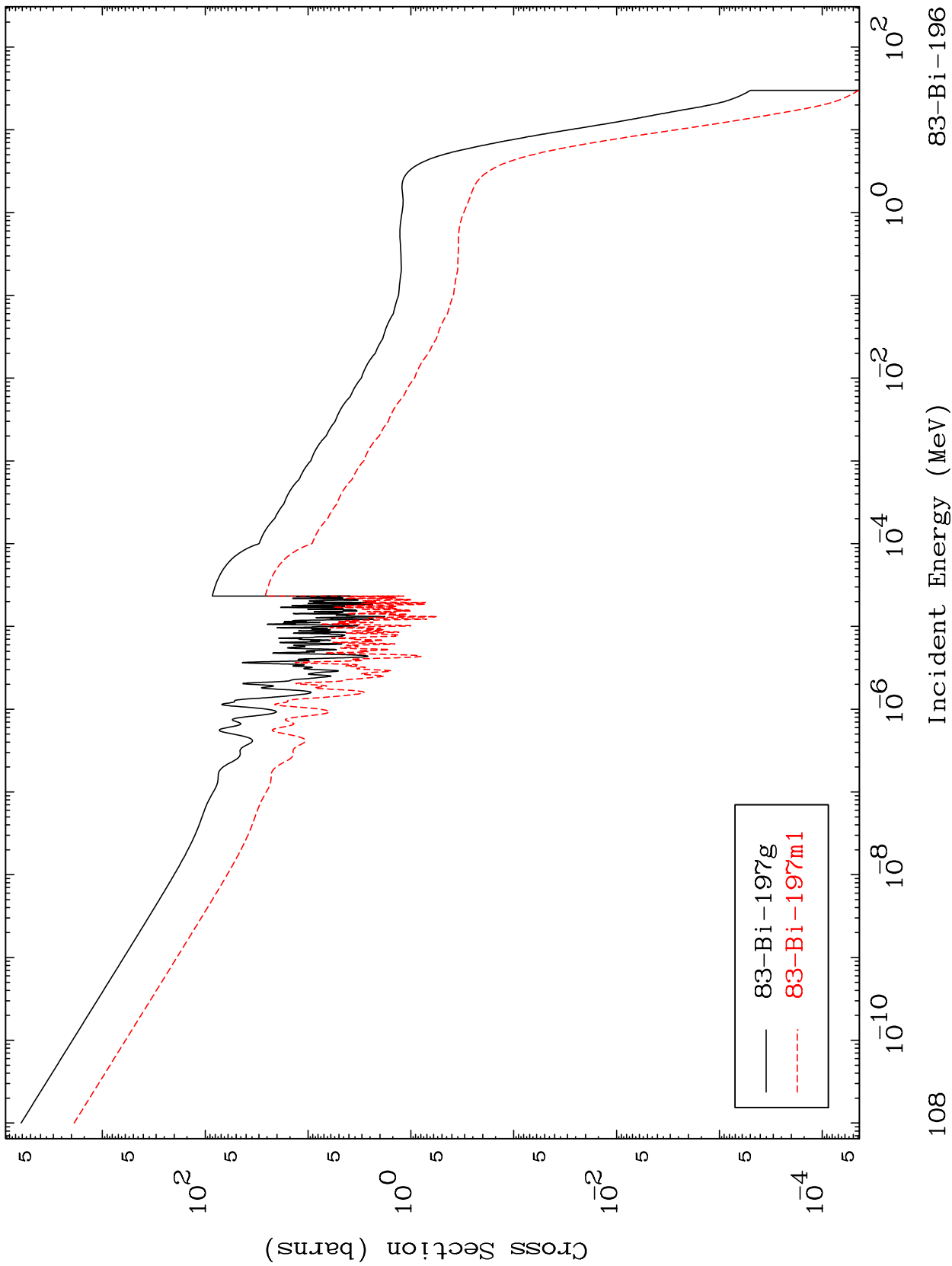
Incident Energy (MeV)

83-Bi-196

MAT 8286

83-Bi-196

(n, γ)
Radionuclide Production Cross Section

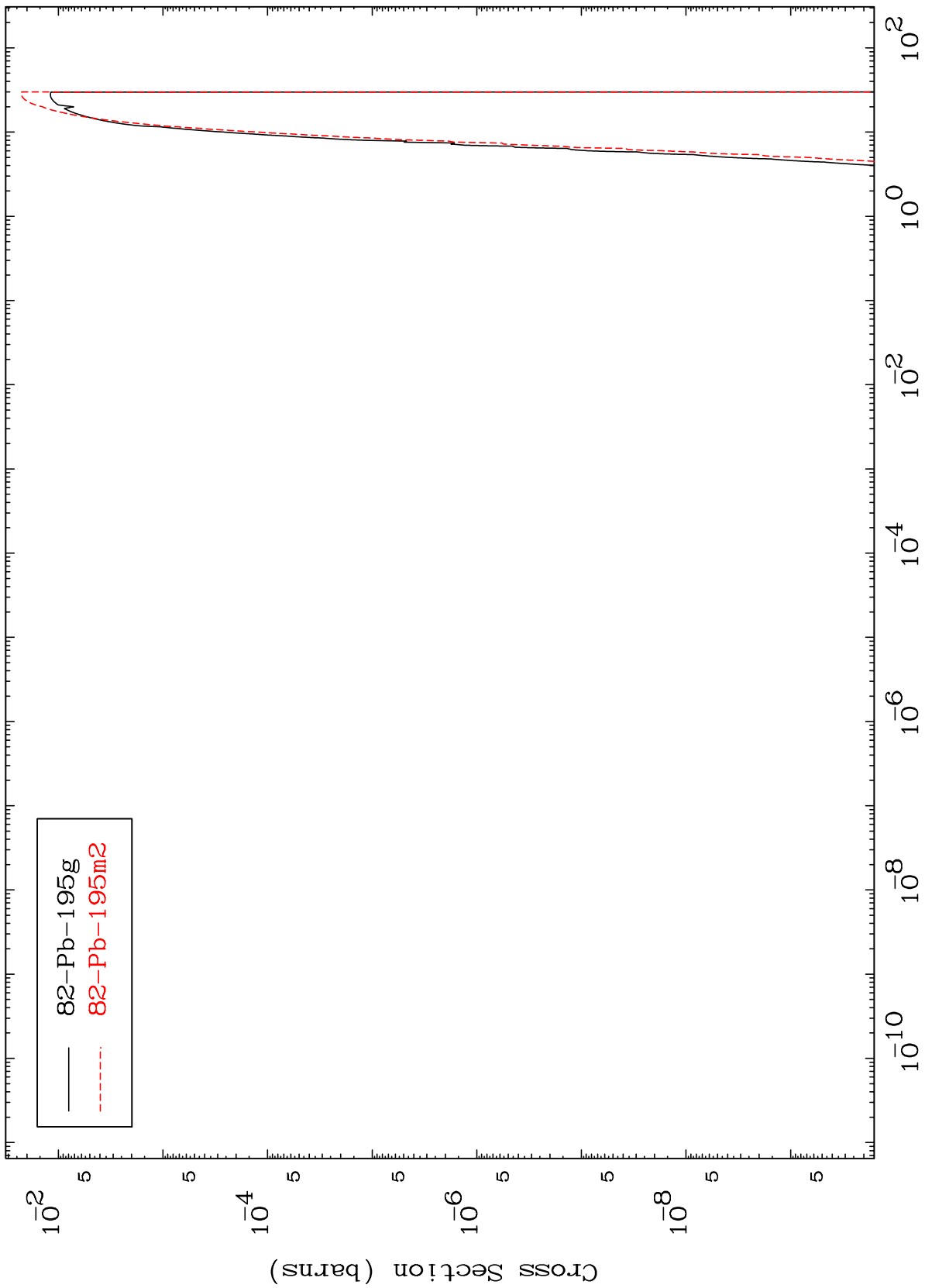


MAT 8286

(n,d)

83-Bi-196

Radionuclide Production Cross Section

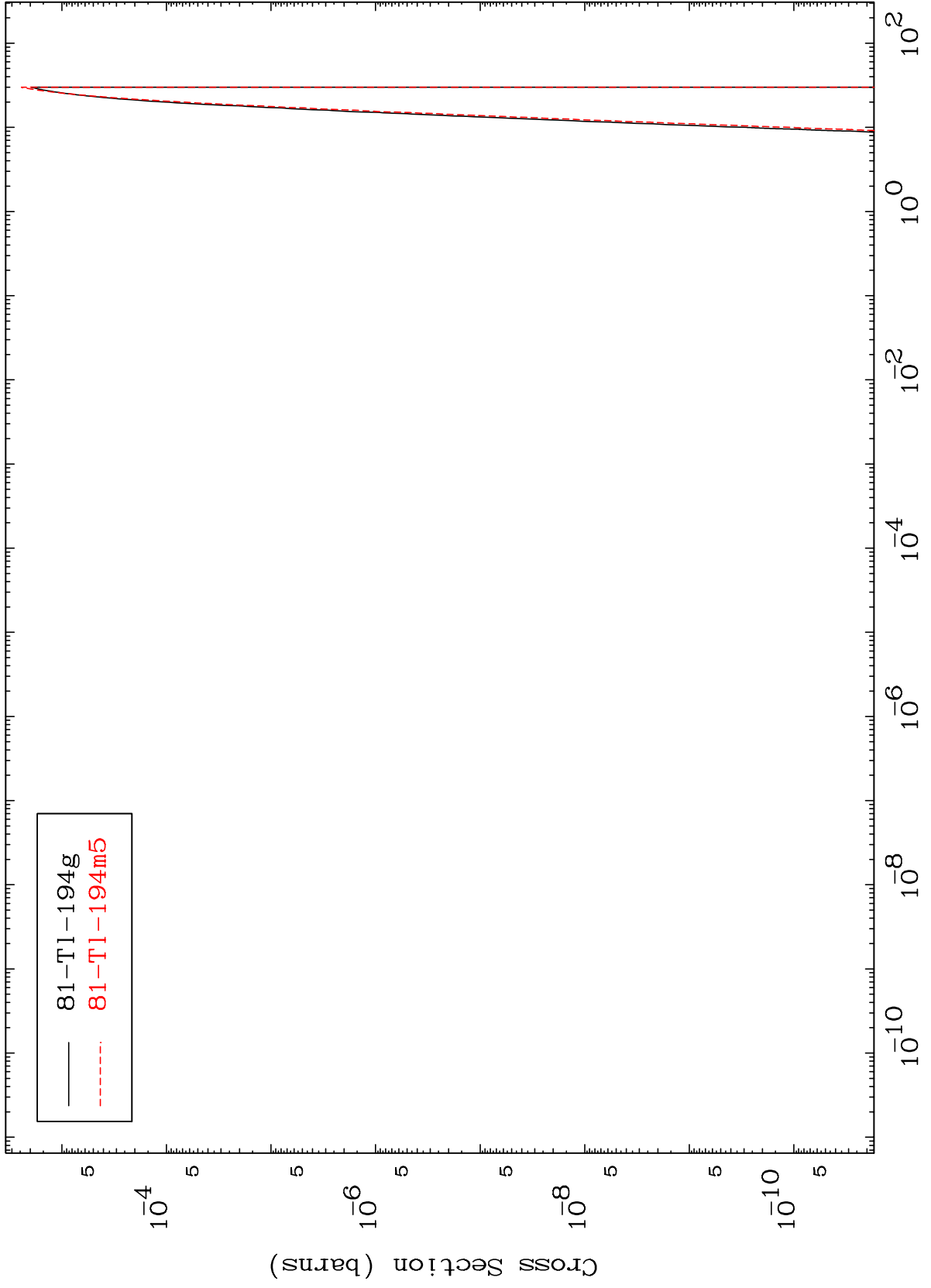


MAT 8286

(n,He-3)

83-Bi-196

Radionuclide Production Cross Section

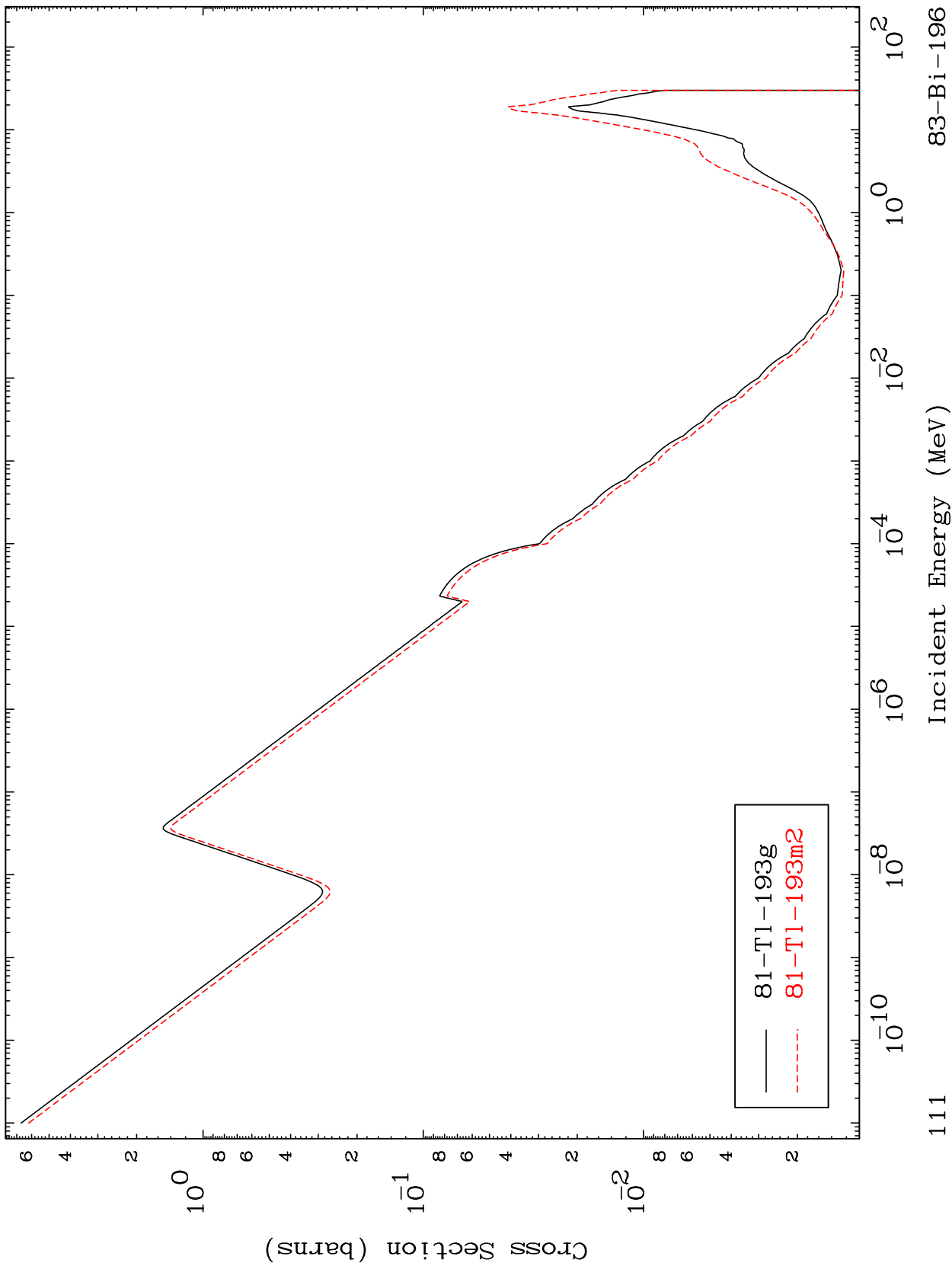


81-Tl-194g
81-Tl-194m5

MAT 8286

83-Bi-196

(n, α)
Radionuclide Production Cross Section



111

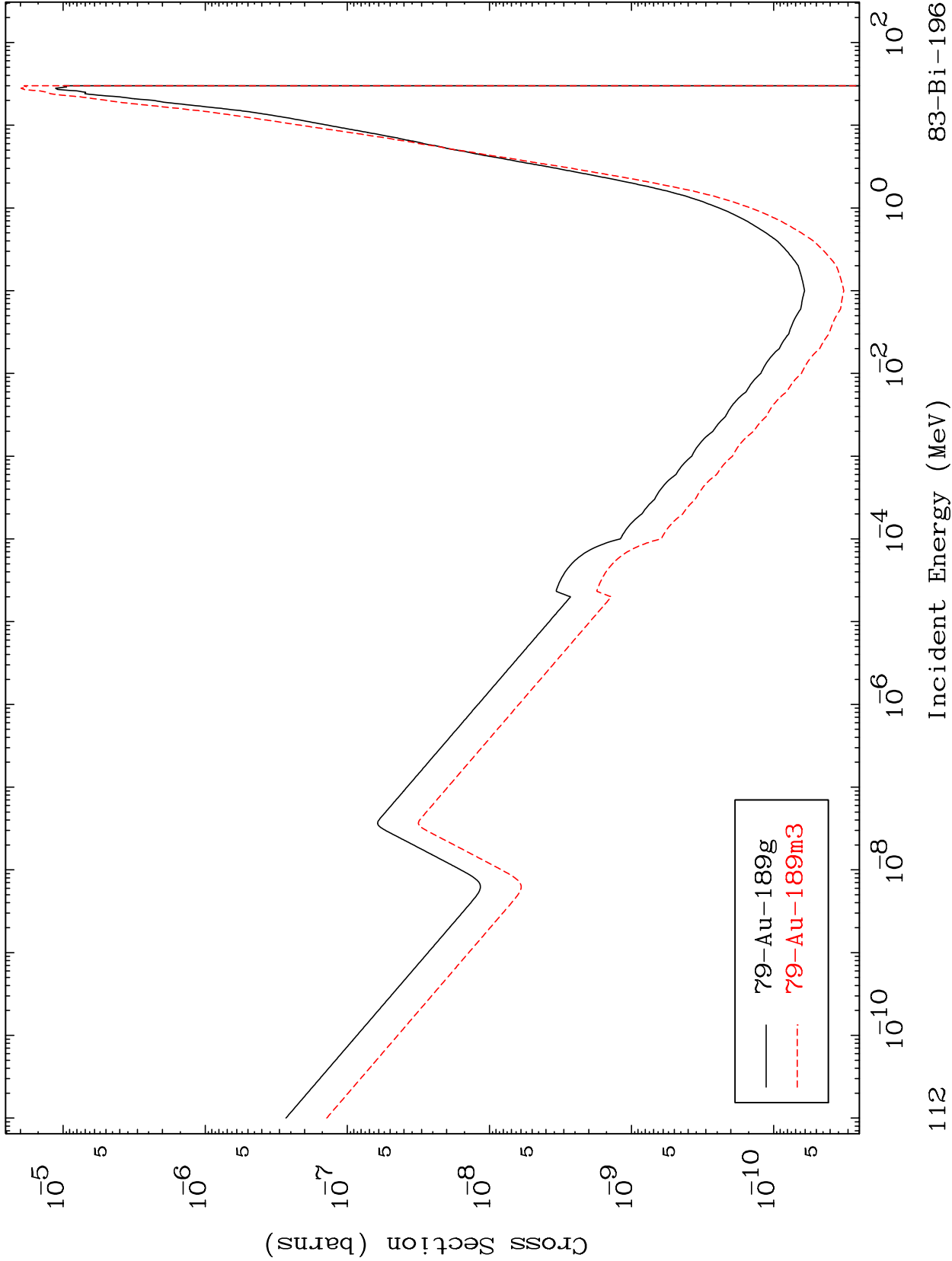
83-Bi-196

MAT 8286

(n,2 α)

83-Bi-196

Radionuclide Production Cross Section

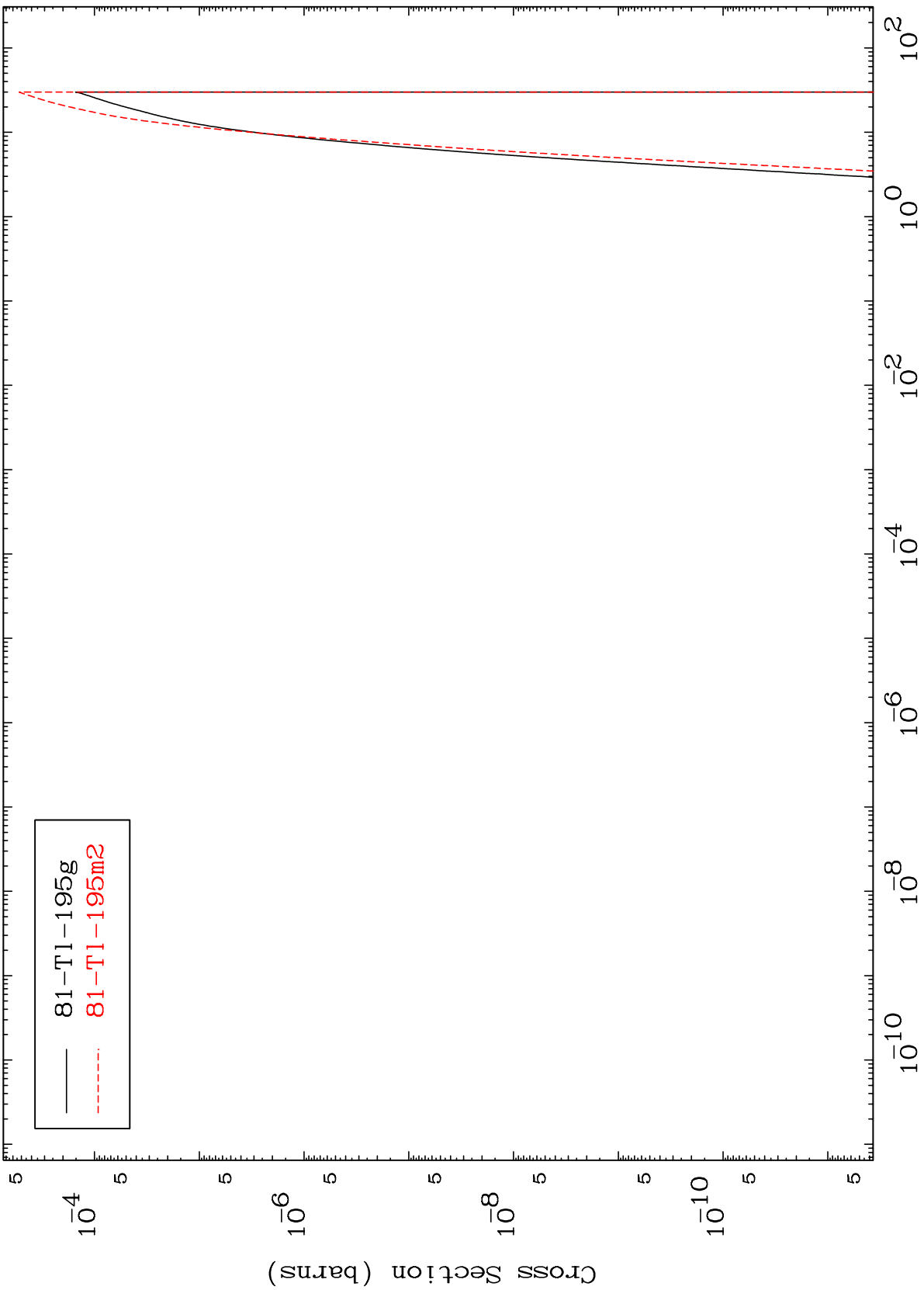


MAT 8286

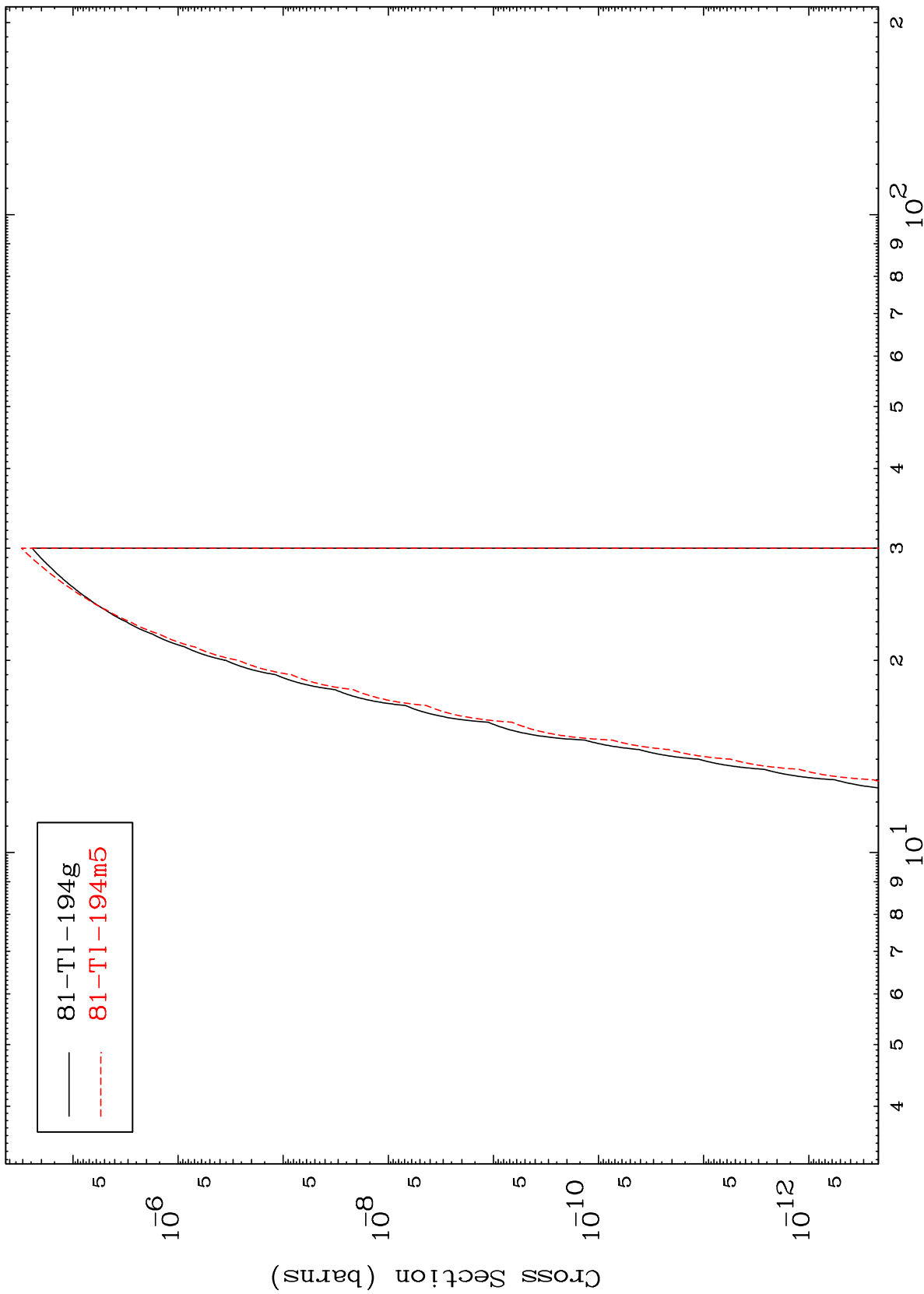
(n,2p)

83-Bi-196

Radionuclide Production Cross Section



Radionuclide Production Cross Section



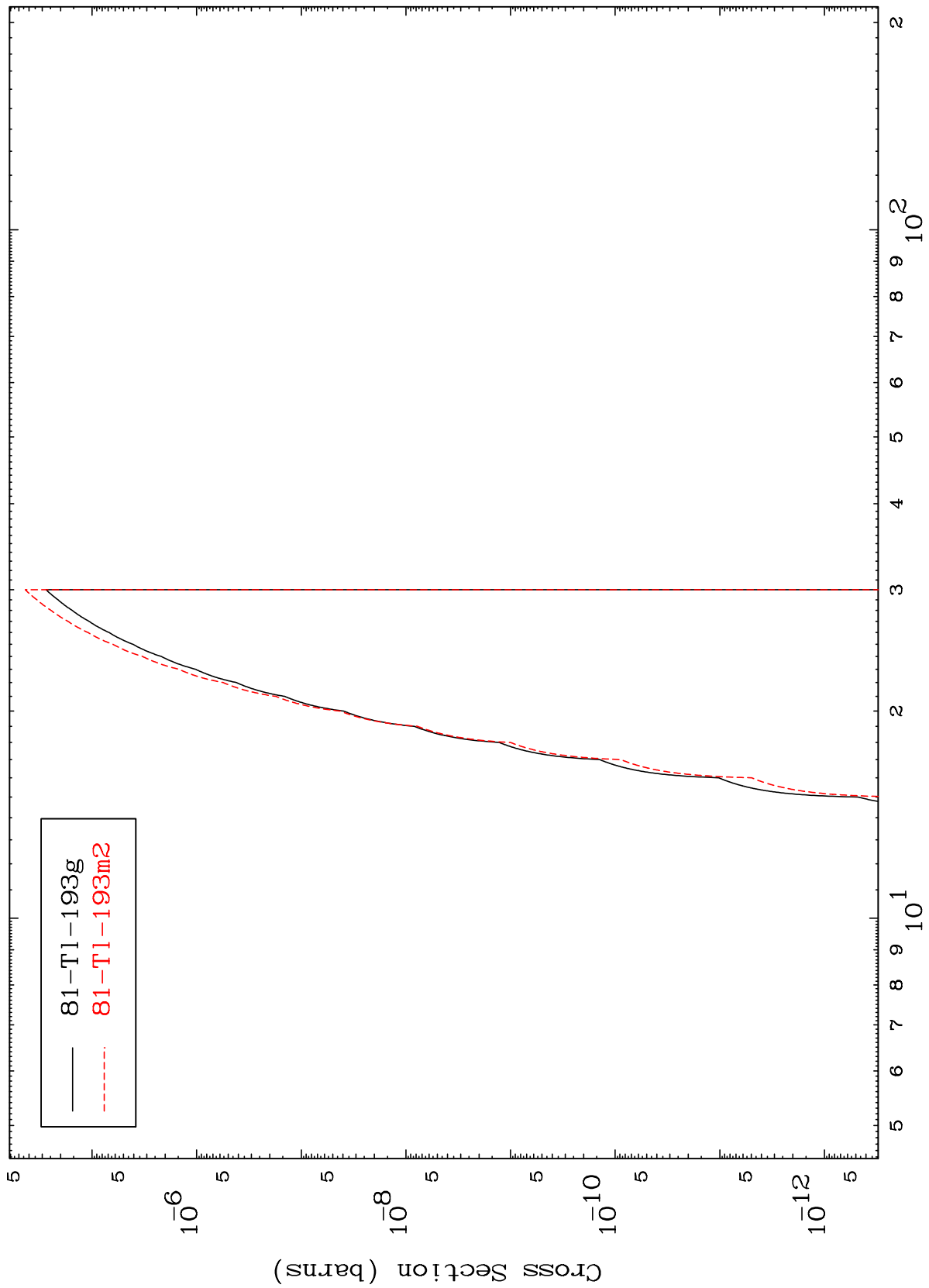
81-Tl-194g
81-Tl-194m5

MAT 8286

(n,p) t

83-Bi-196

Radionuclide Production Cross Section



81-Tl-193g
81-Tl-193m2

115

Incident Energy (MeV)

83-Bi-196

MAT 8286

(n,d) α

83-Bi-196

Radionuclide Production Cross Section

