

Program EVALPLOT
(Version 2015-2)

by

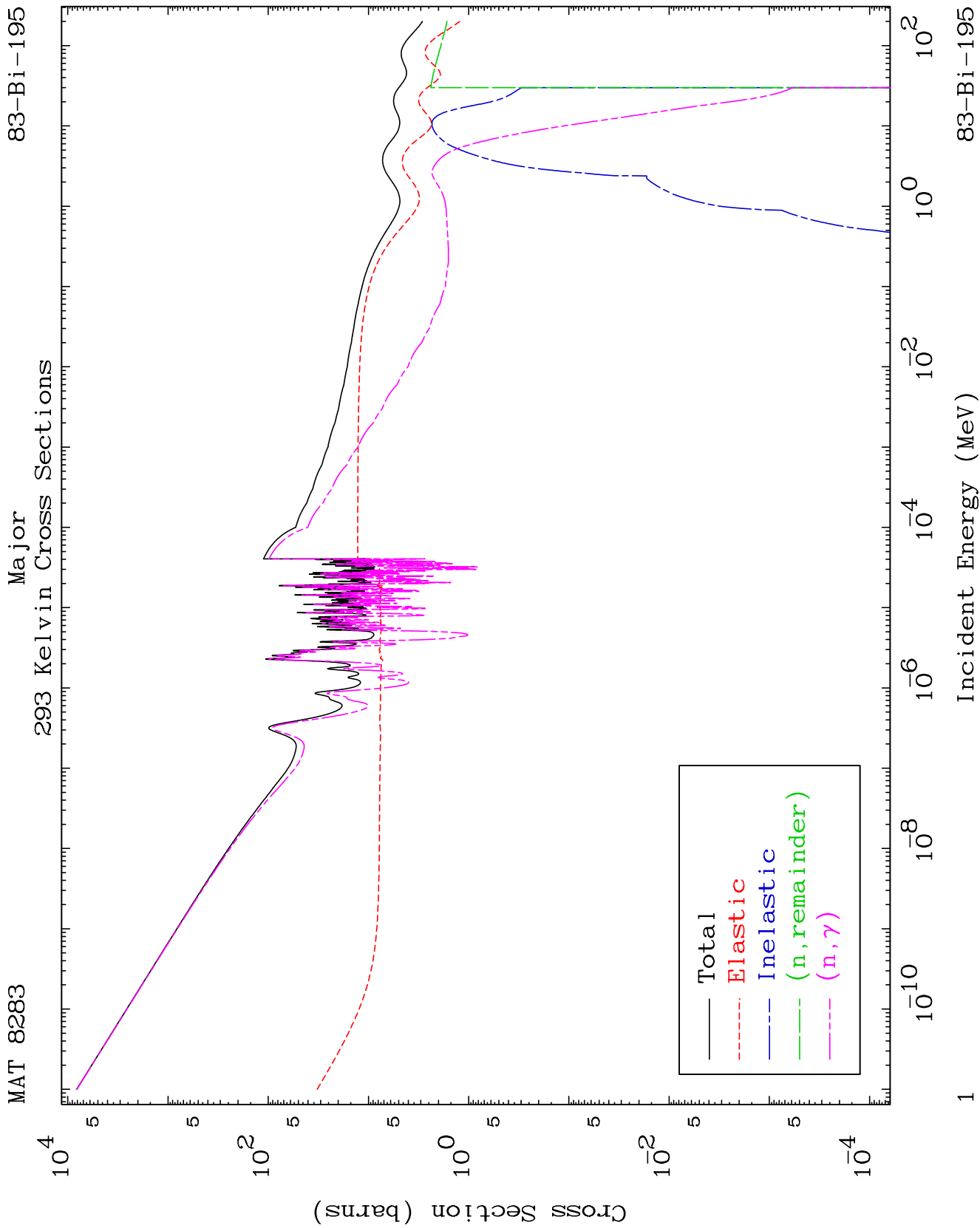
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(Present Contact Information)

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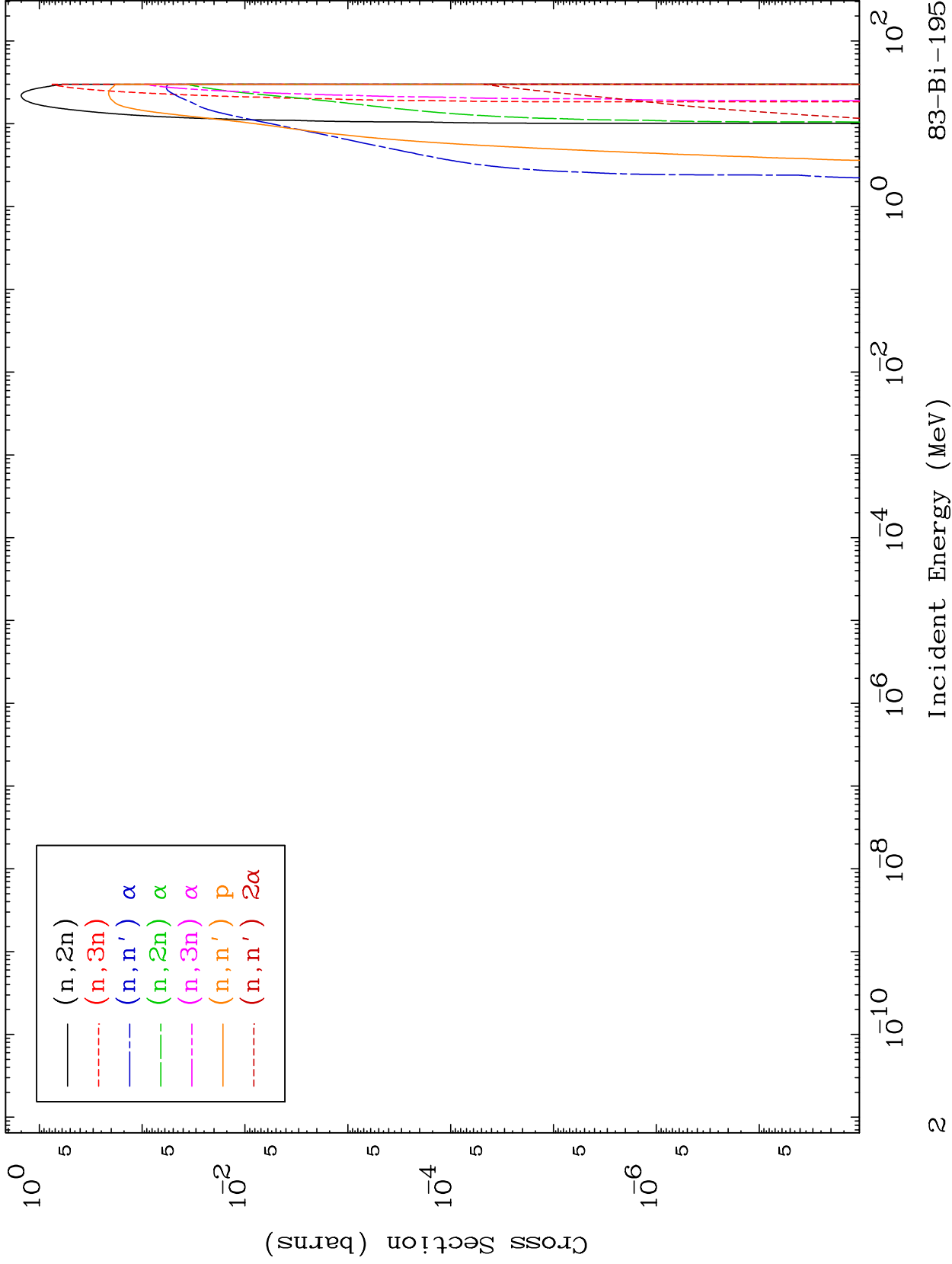
Press Mouse Button to Start



MAT 8283

Neutron Production
293 Kelvin Cross Sections

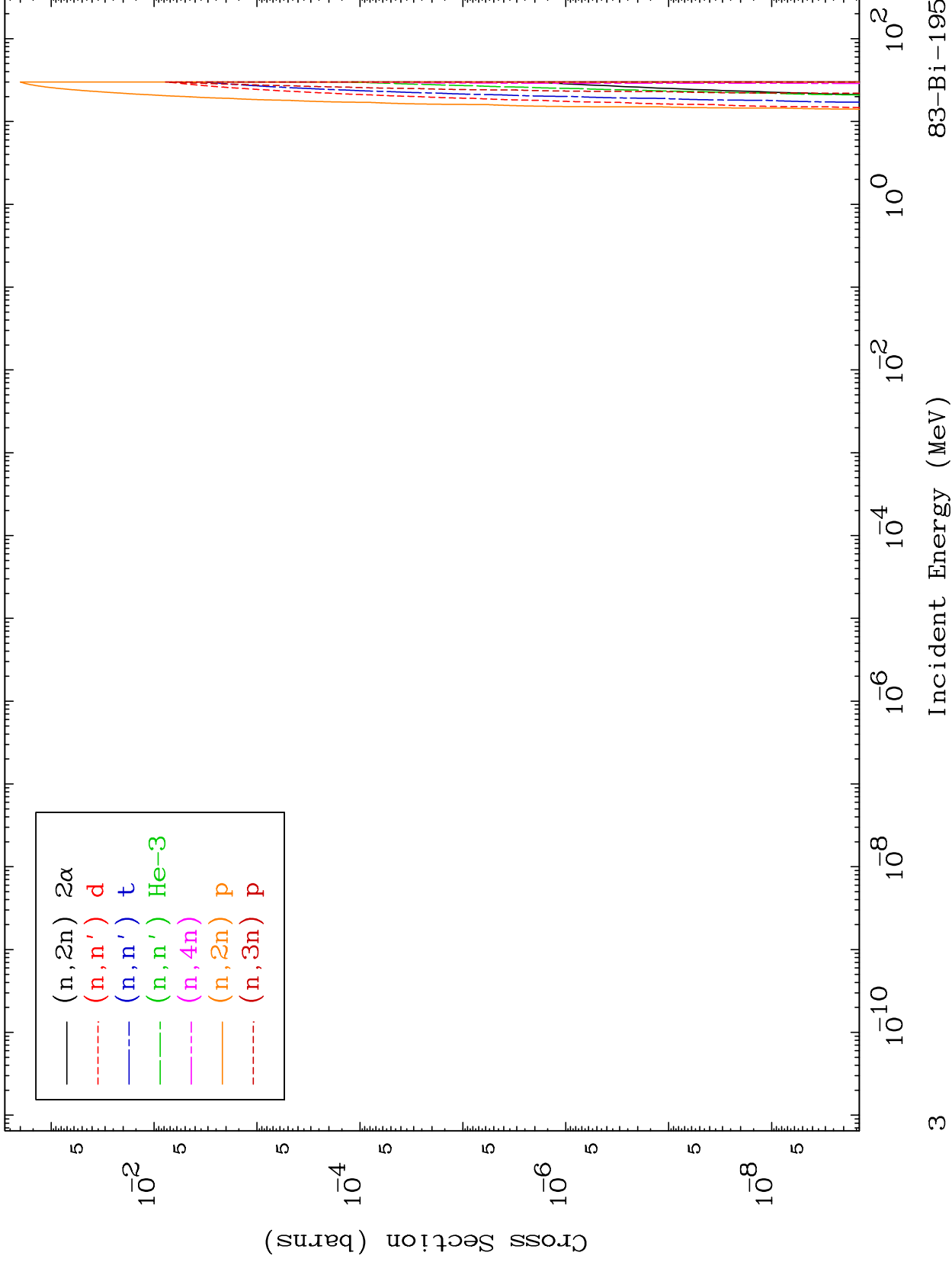
83-Bi-195



MAT 8283

Neutron Production
293 Kelvin Cross Sections

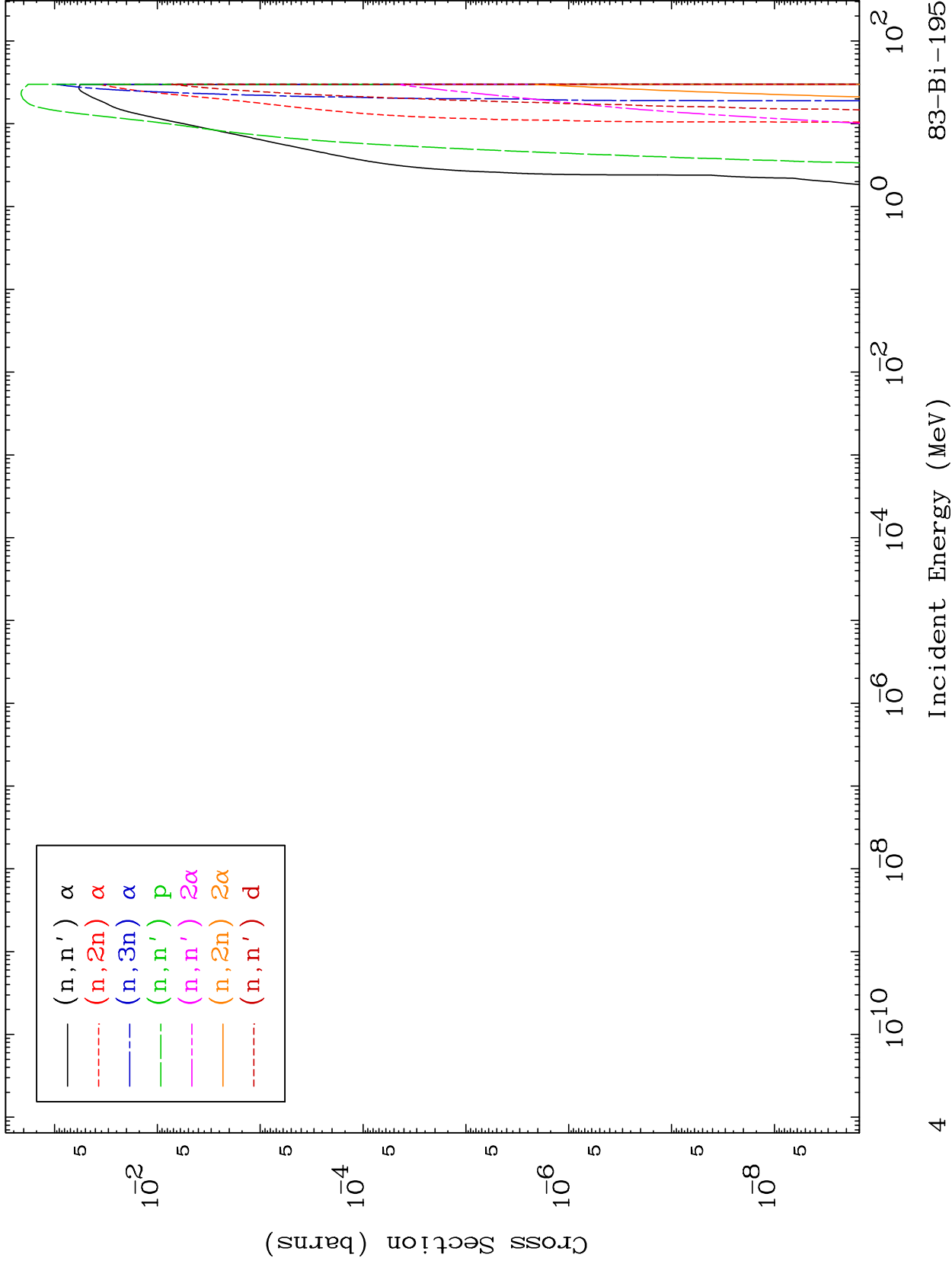
83-Bi-195



MAT 8283

Charged Particle
293 Kelvin Cross Sections

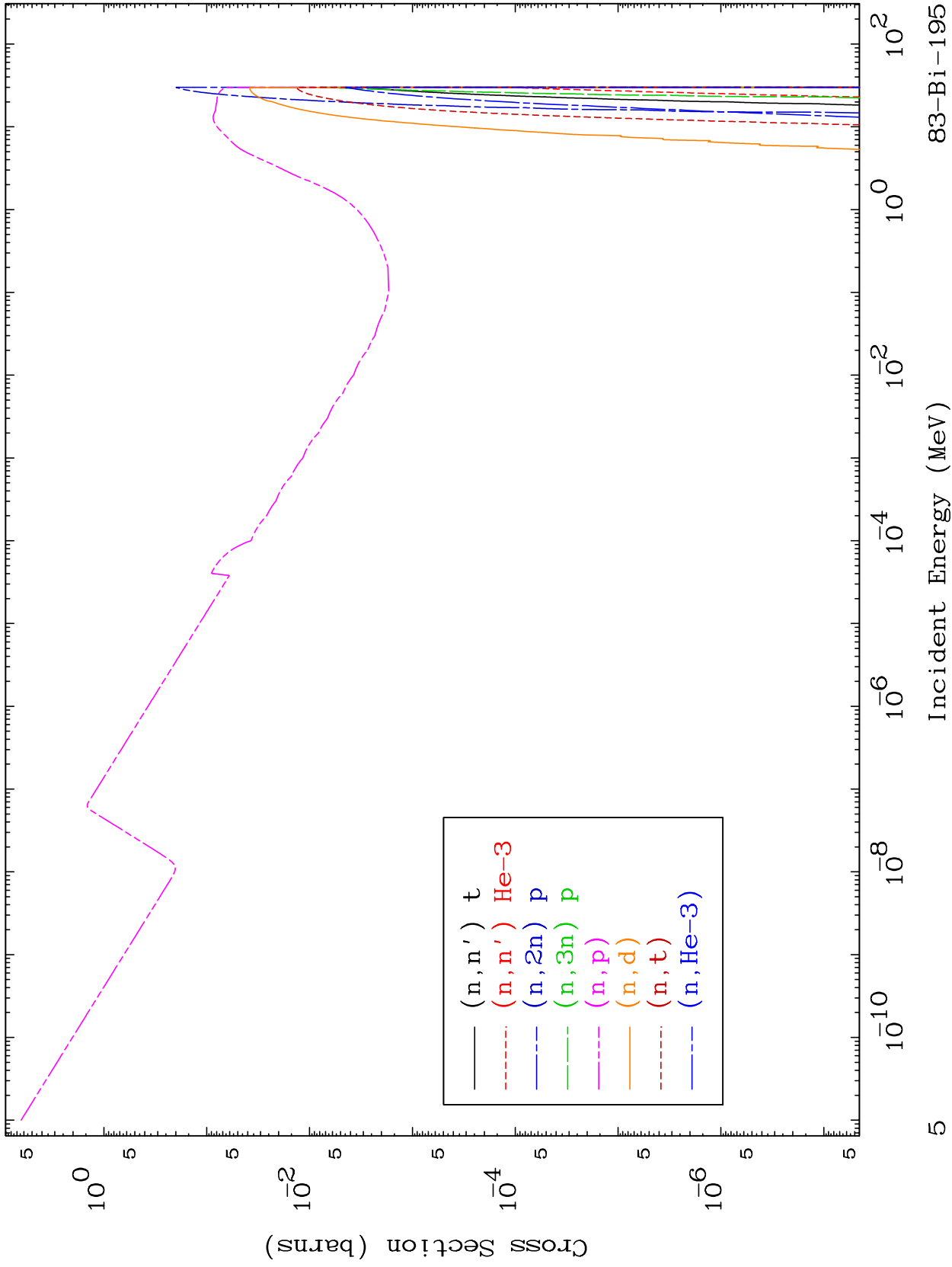
83-Bi-195



MAT 8283

Charged Particle
293 Kelvin Cross Sections

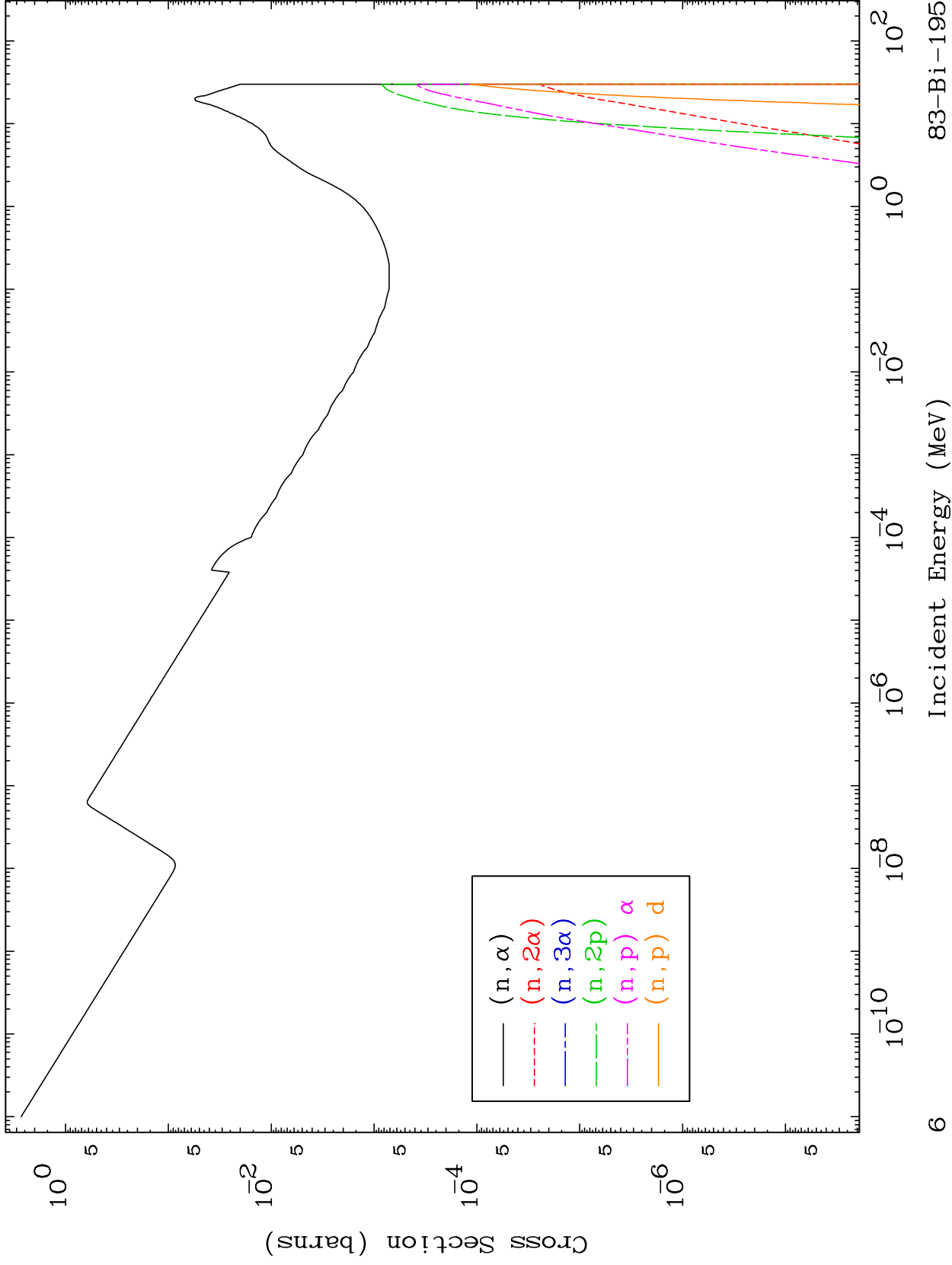
83-Bi-195



MAT 8283

Charged Particle
293 Kelvin Cross Sections

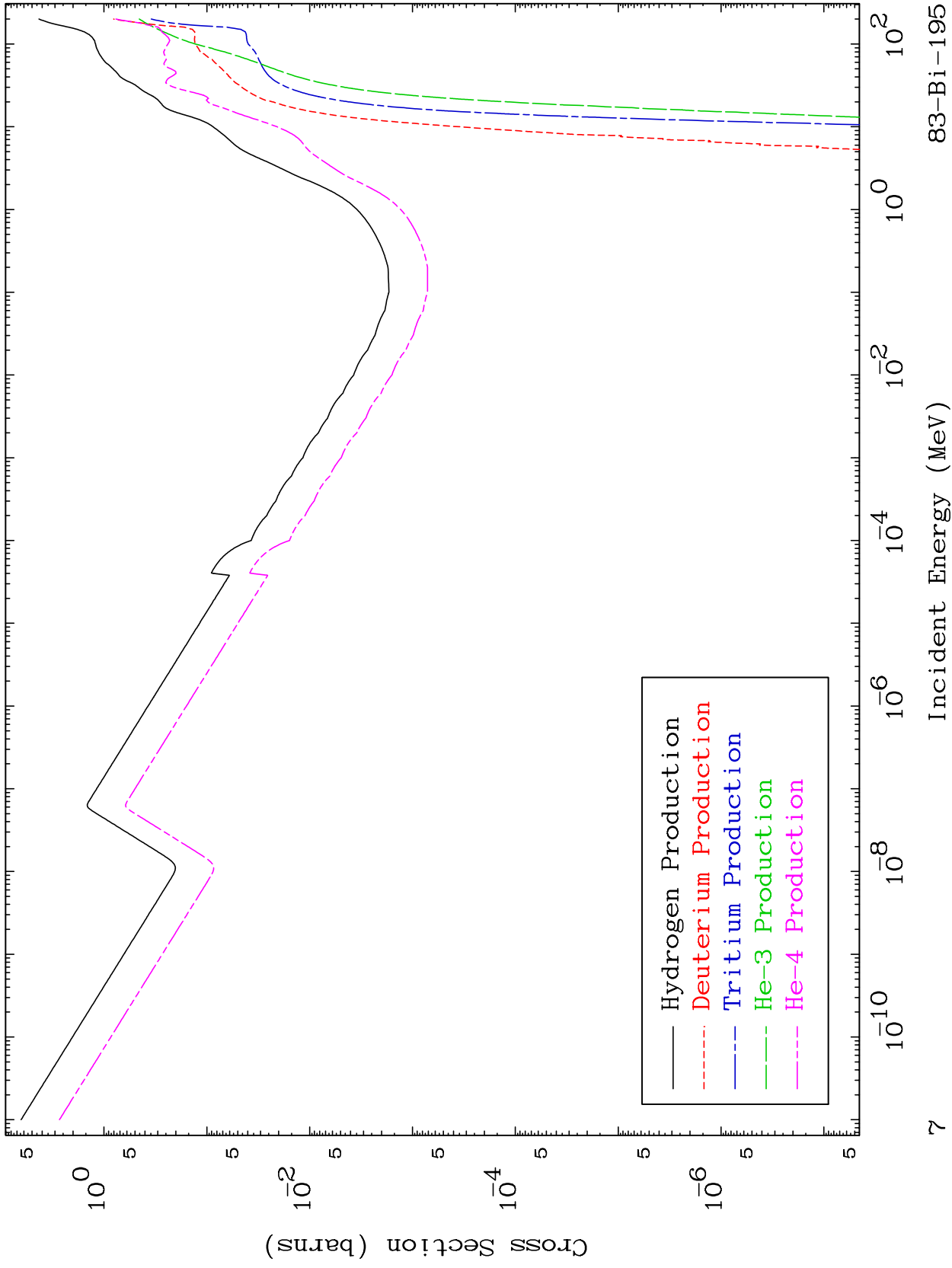
83-Bi-195



MAT 8283

Particle Production
293 Kelvin Cross Sections

83-Bi-195

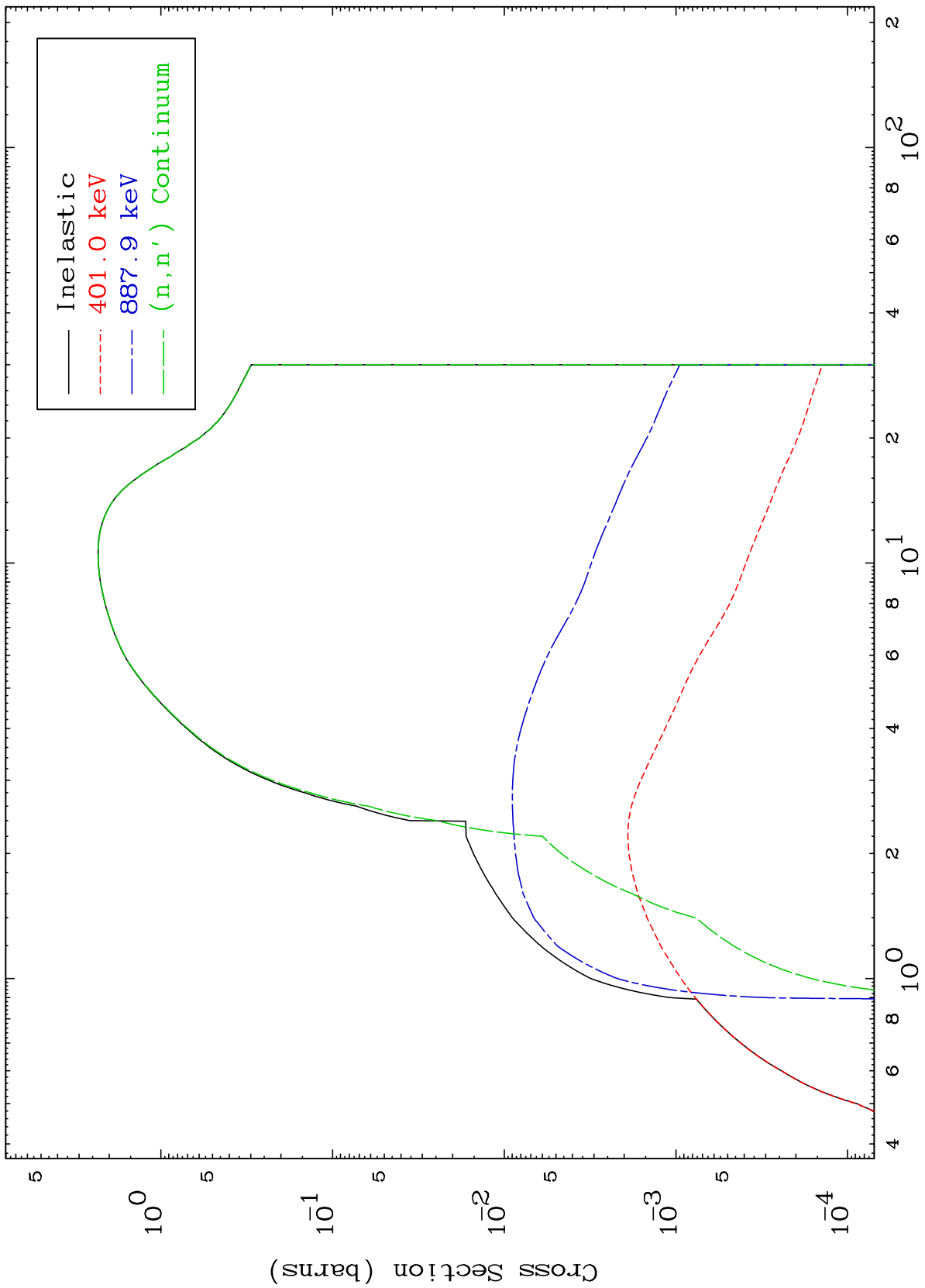


MAT 8283

(n,n') Level

83-Bi-195

293 Kelvin Cross Sections



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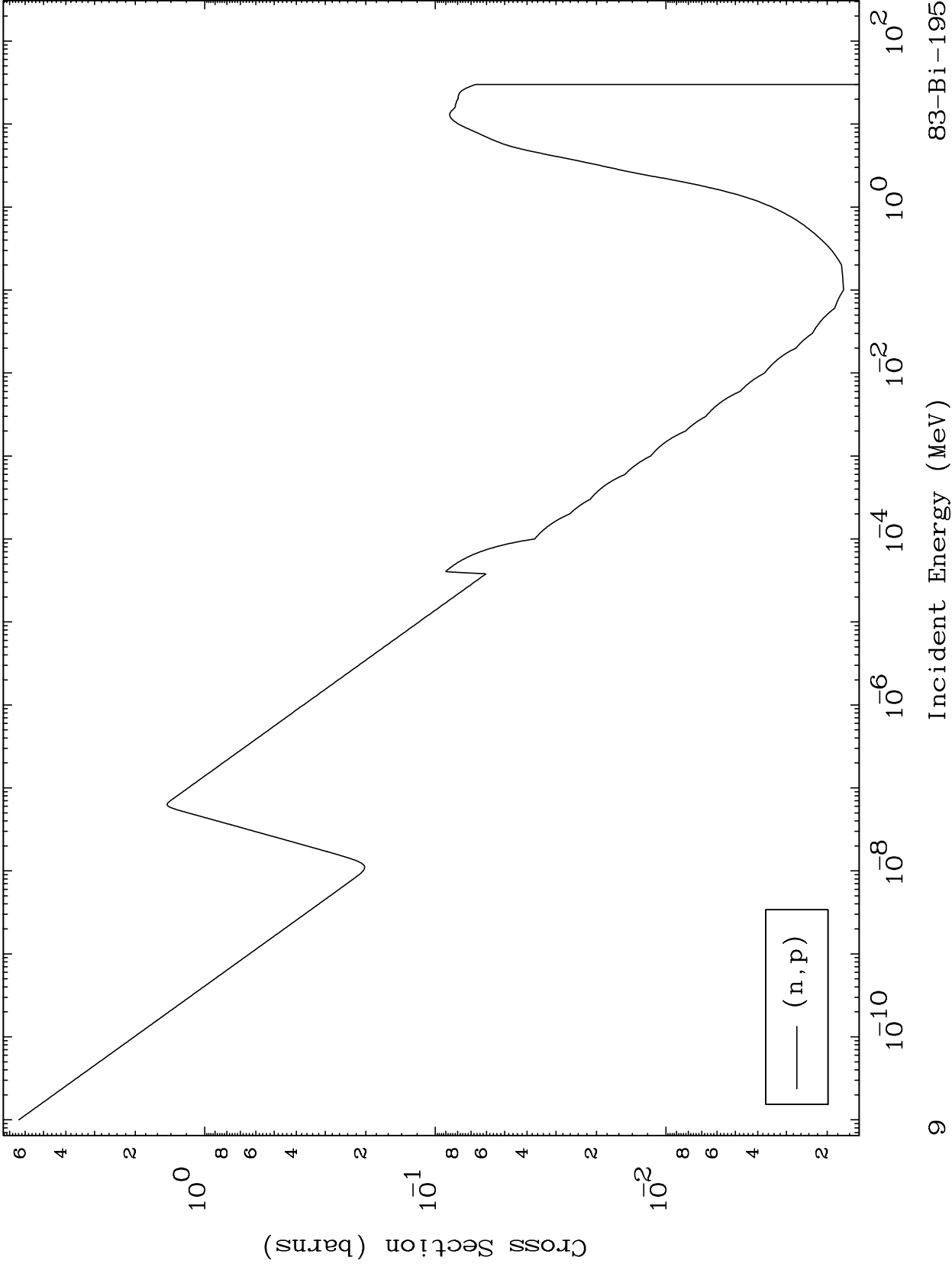
Incident Energy (MeV)

83-Bi-195

MAT 8283

(n,p) Levels
293 Kelvin Cross Sections

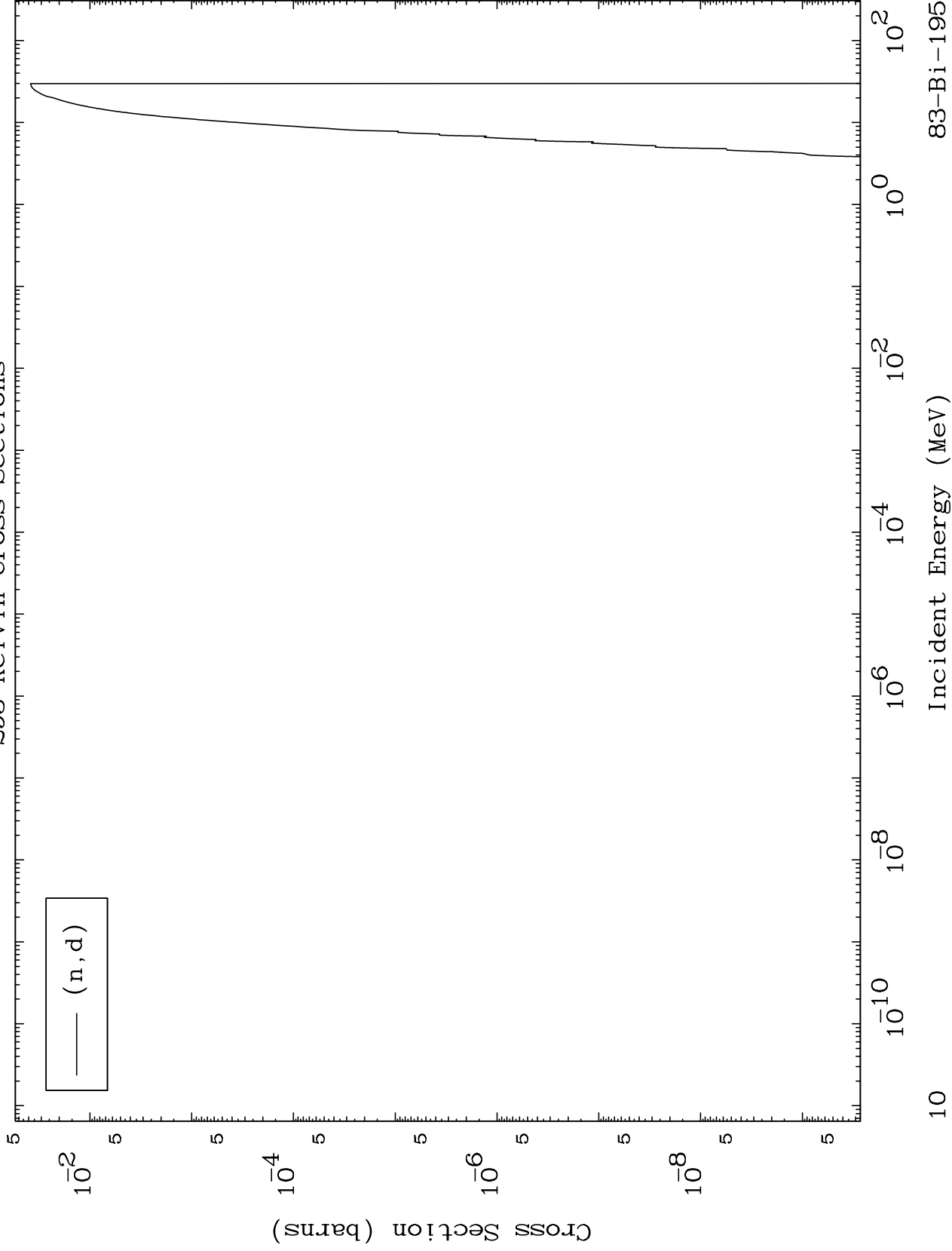
83-Bi-195



MAT 8283

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-195



10

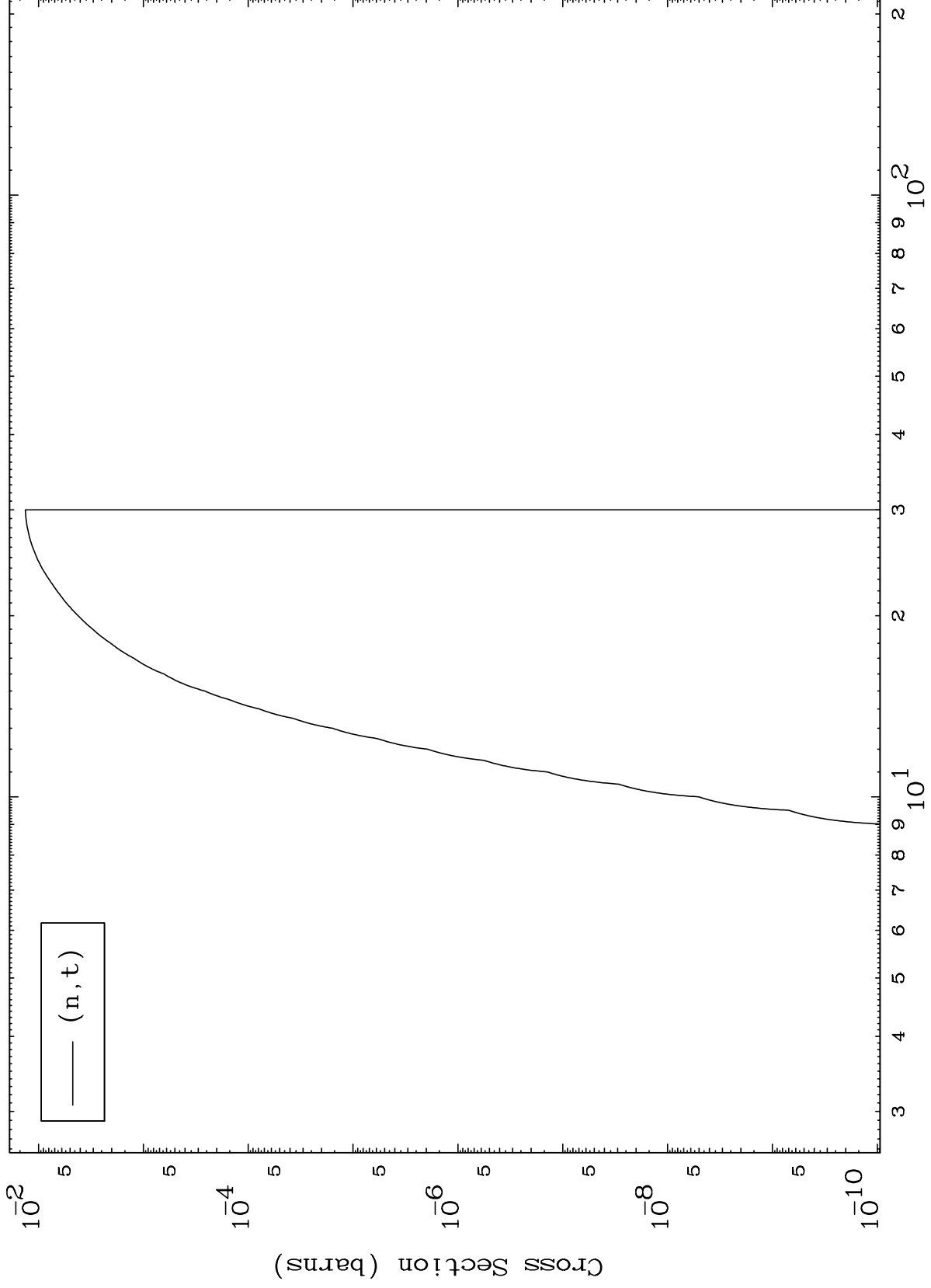
Incident Energy (MeV)

83-Bi-195

MAT 8283

(n,t) Levels
293 Kelvin Cross Sections

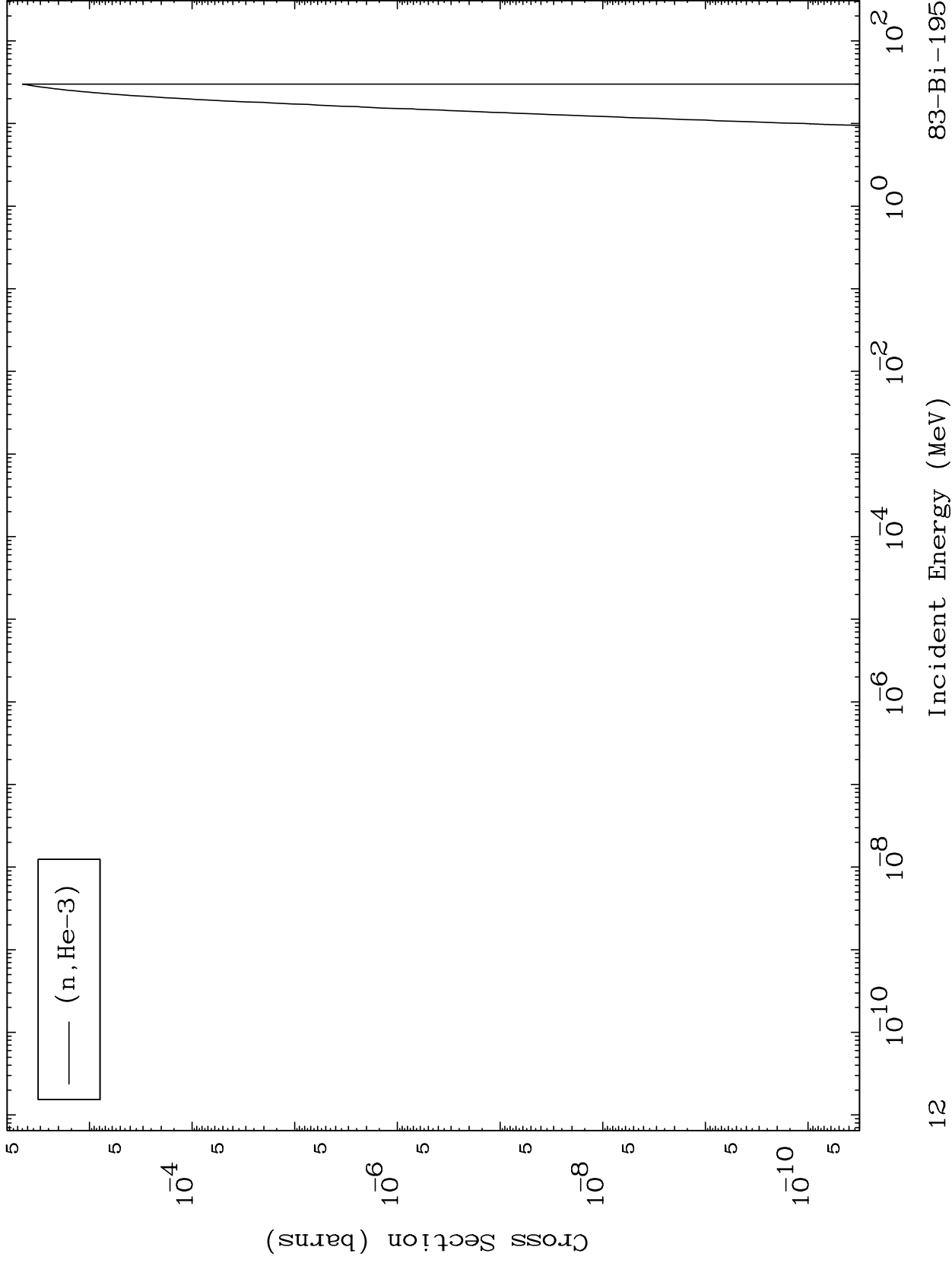
83-Bi-195



MAT 8283

(n,He3) Levels
293 Kelvin Cross Sections

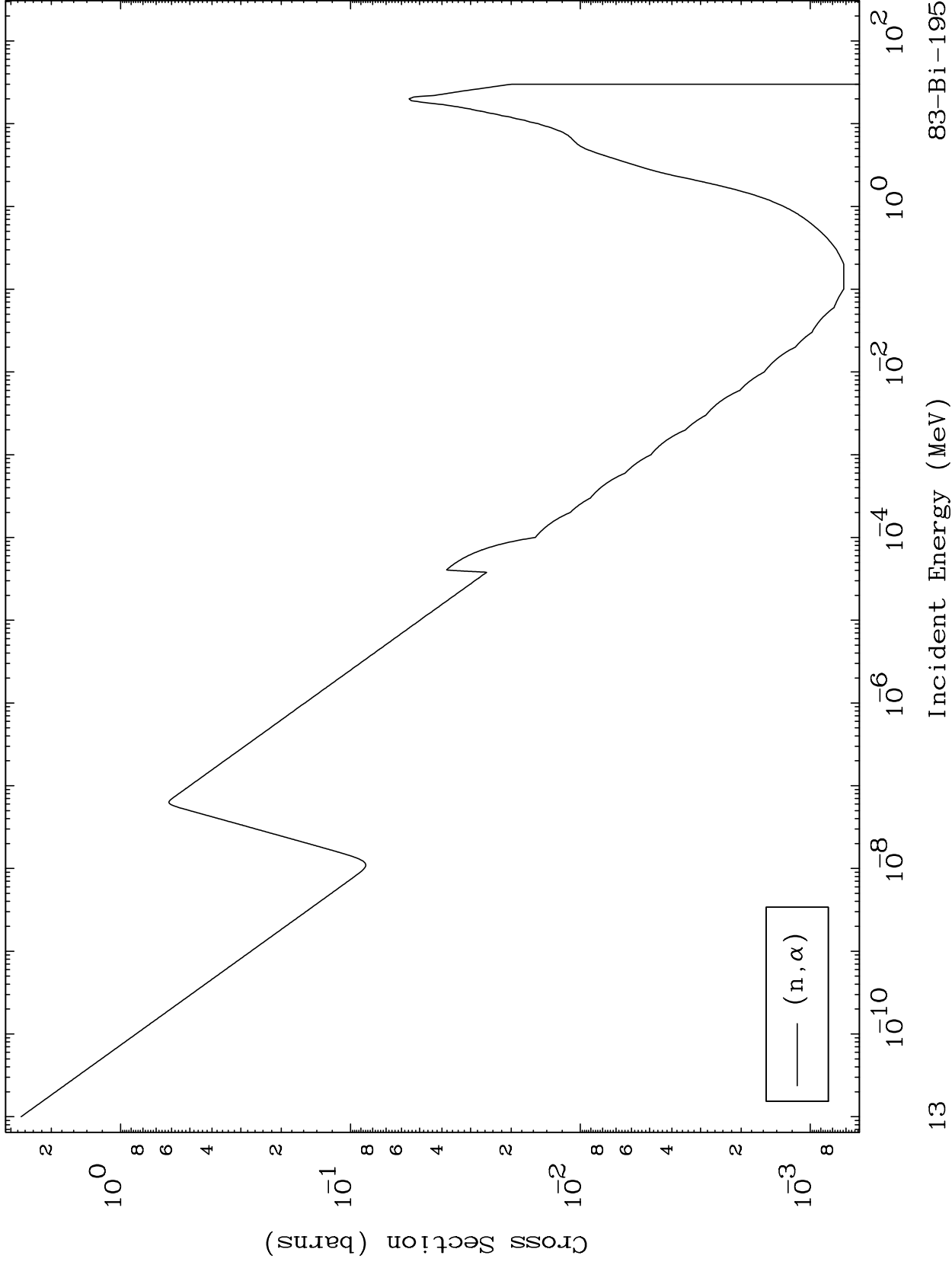
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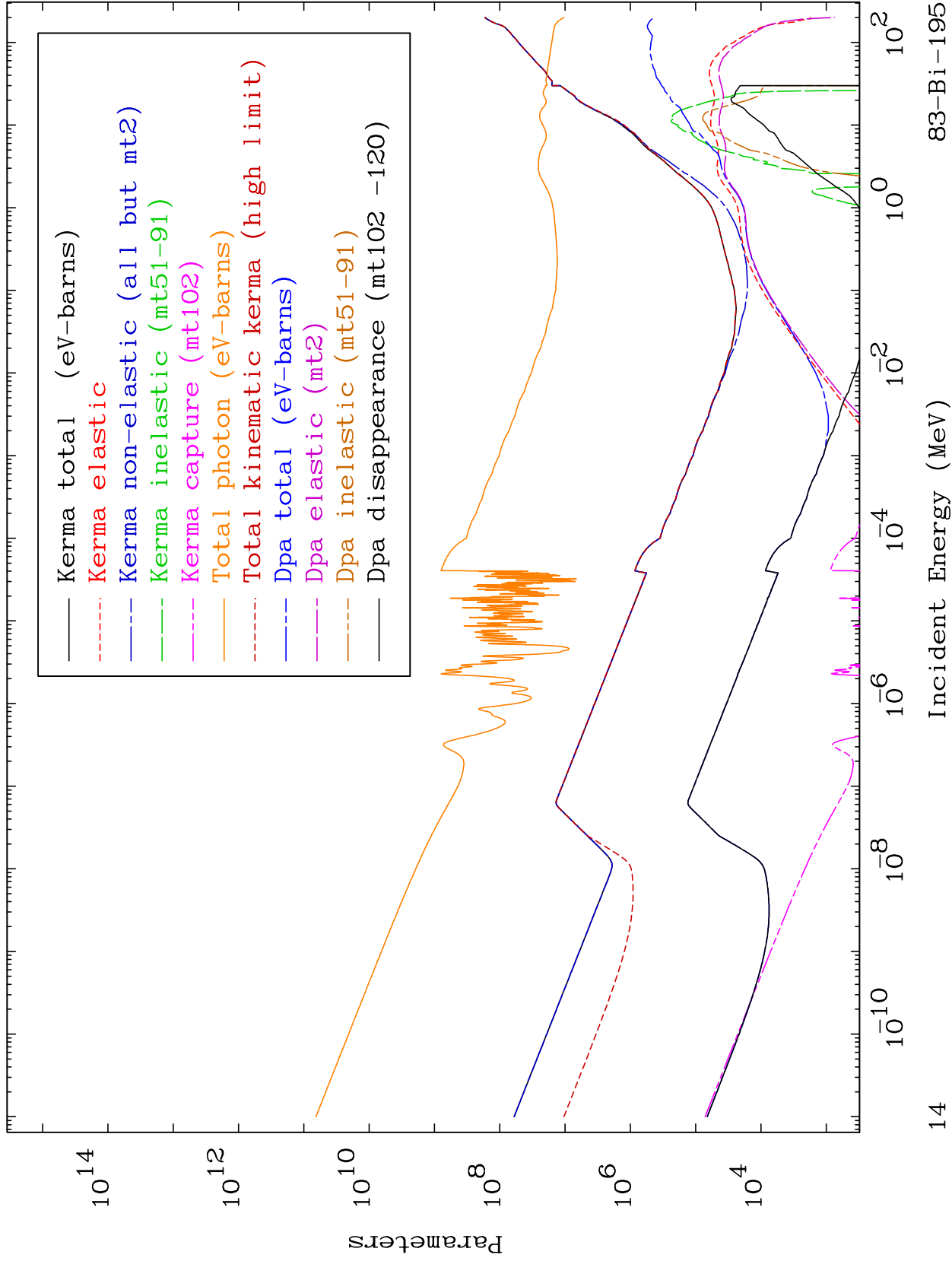


MAT 8283

(n,α) Levels
293 Kelvin Cross Sections

83-Bi-195

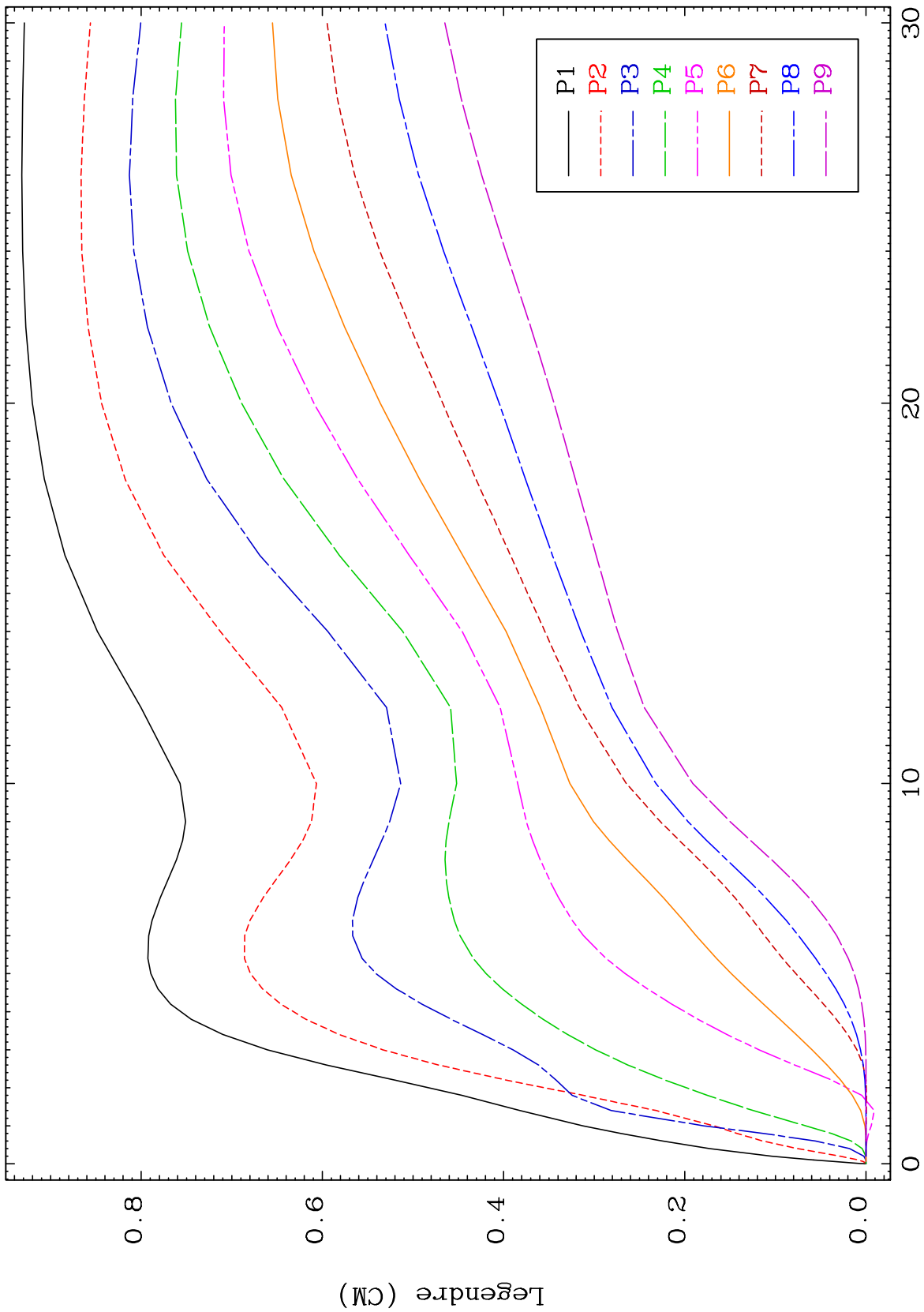




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83-Bi-195

Elastic Legendre Coefficients



83-Bi-195

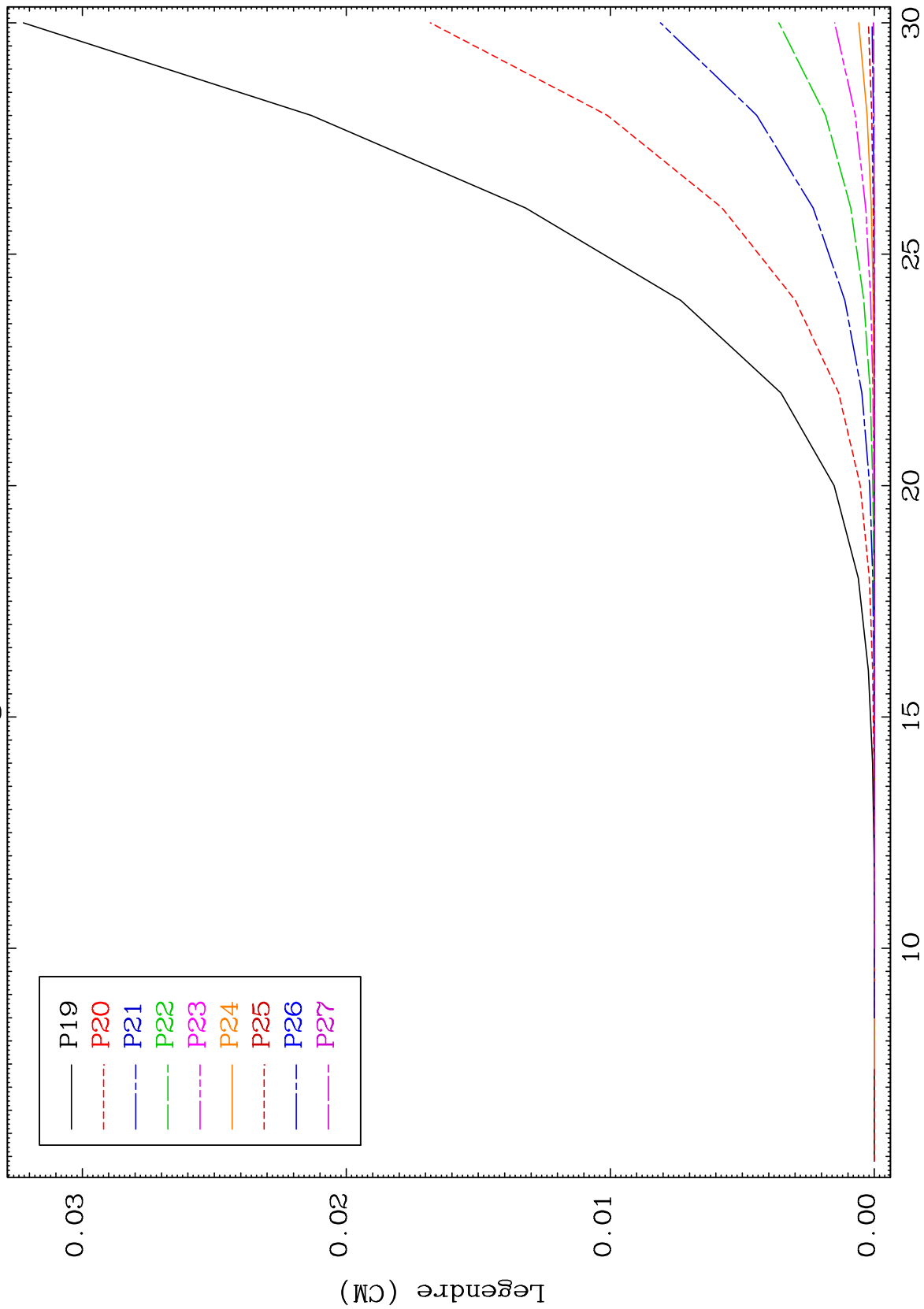
Incident Energy (MeV)

15

MAT 8283

Elastic Legendre Coefficients

83-Bi-195



17

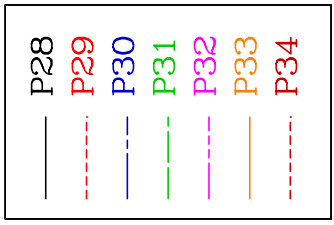
Incident Energy (MeV)

83-Bi-195

MAT 8283

Elastic Legendre Coefficients

83-Bi-195



$\times 10^{-50}$

Legendre (CM)

0.8

0.6

0.4

0.2

0.0

15

20

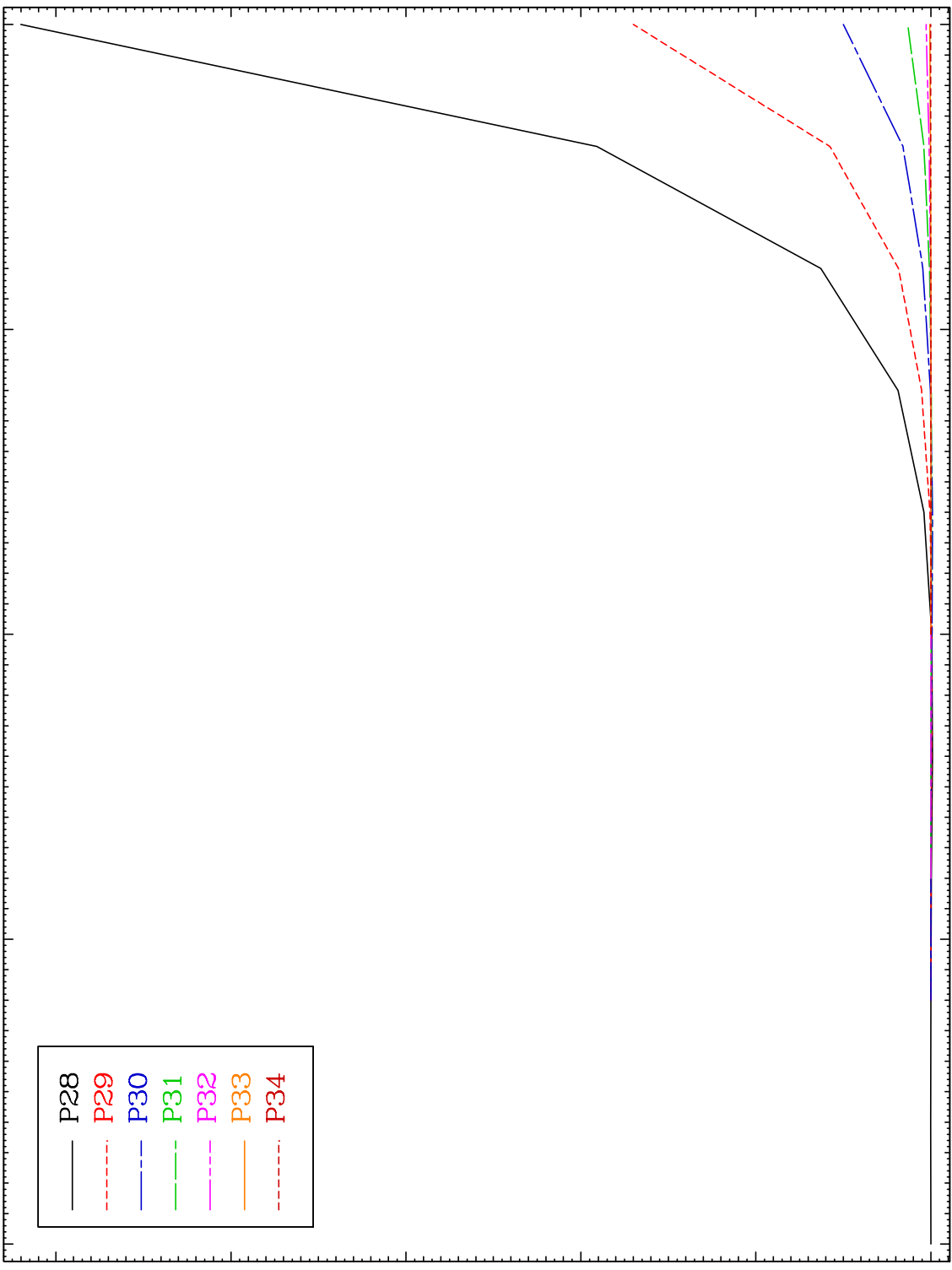
25

30

18

Incident Energy (MeV)

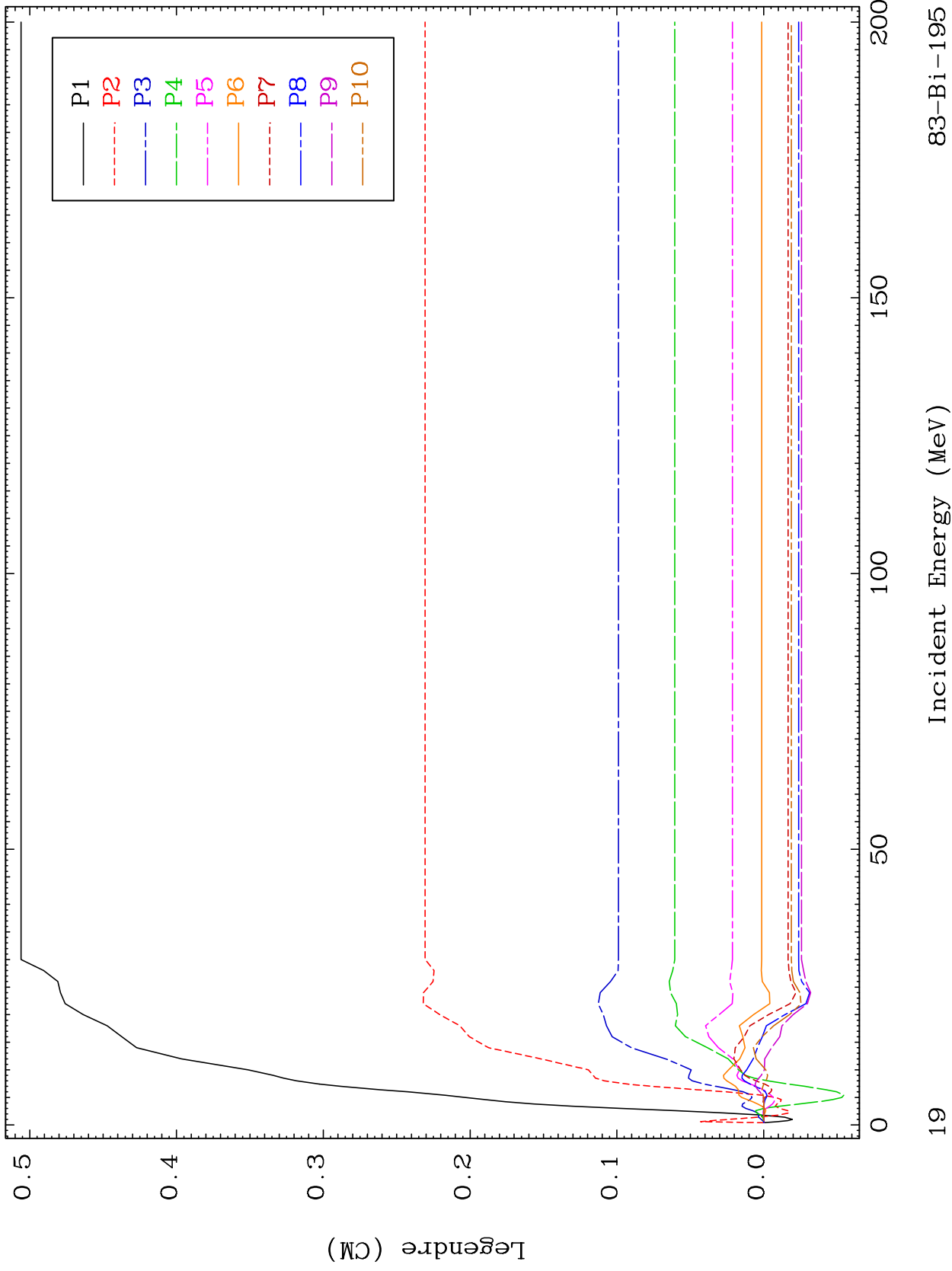
83-Bi-195



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401.0 keV (n,n') Level
Legendre Coefficients

83-Bi-195



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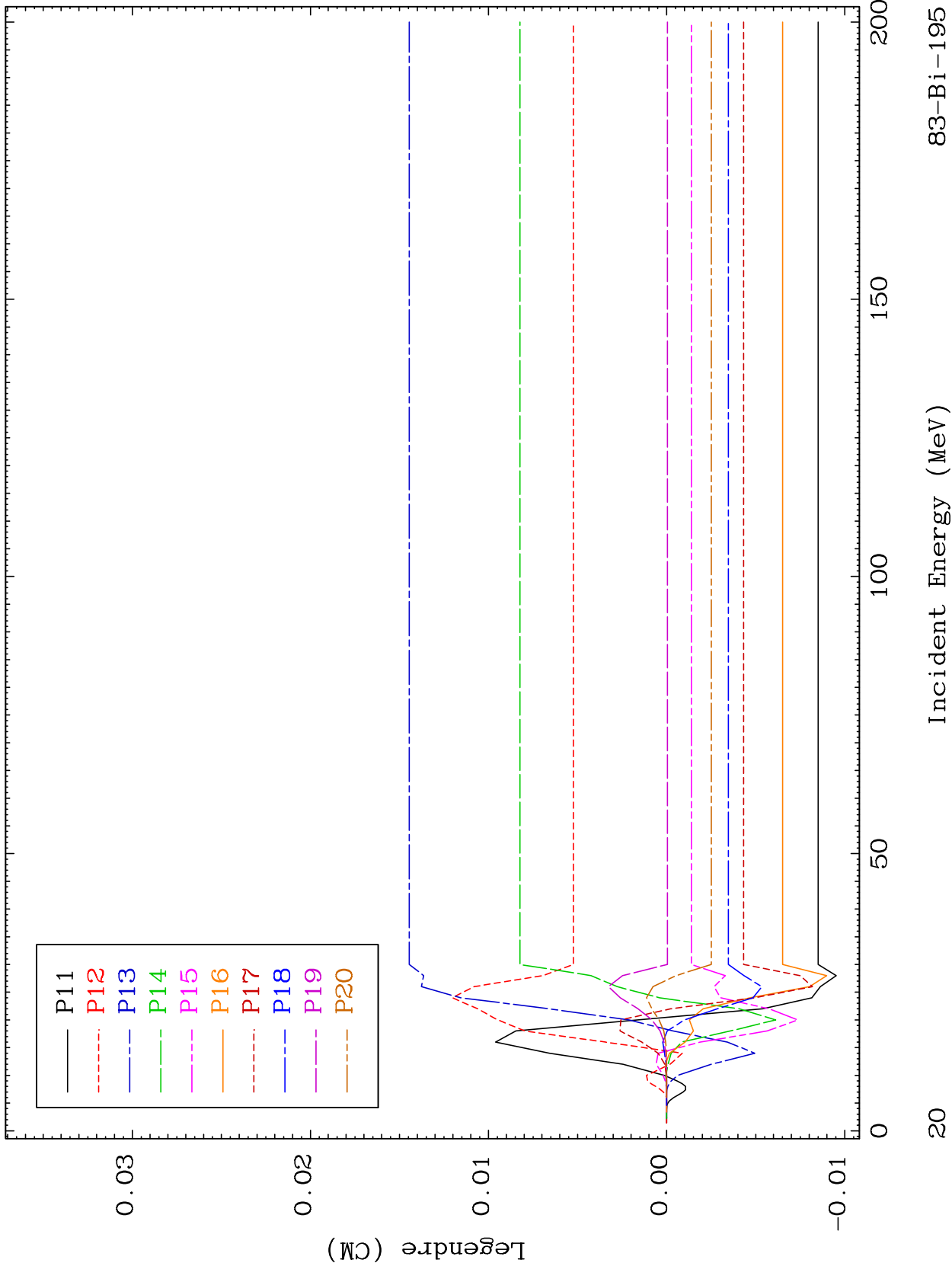
Incident Energy (MeV)

83-Bi-195

MAT 8283

401.0 keV (n,n') Level
Legendre Coefficients

83-Bi-195



83-Bi-195

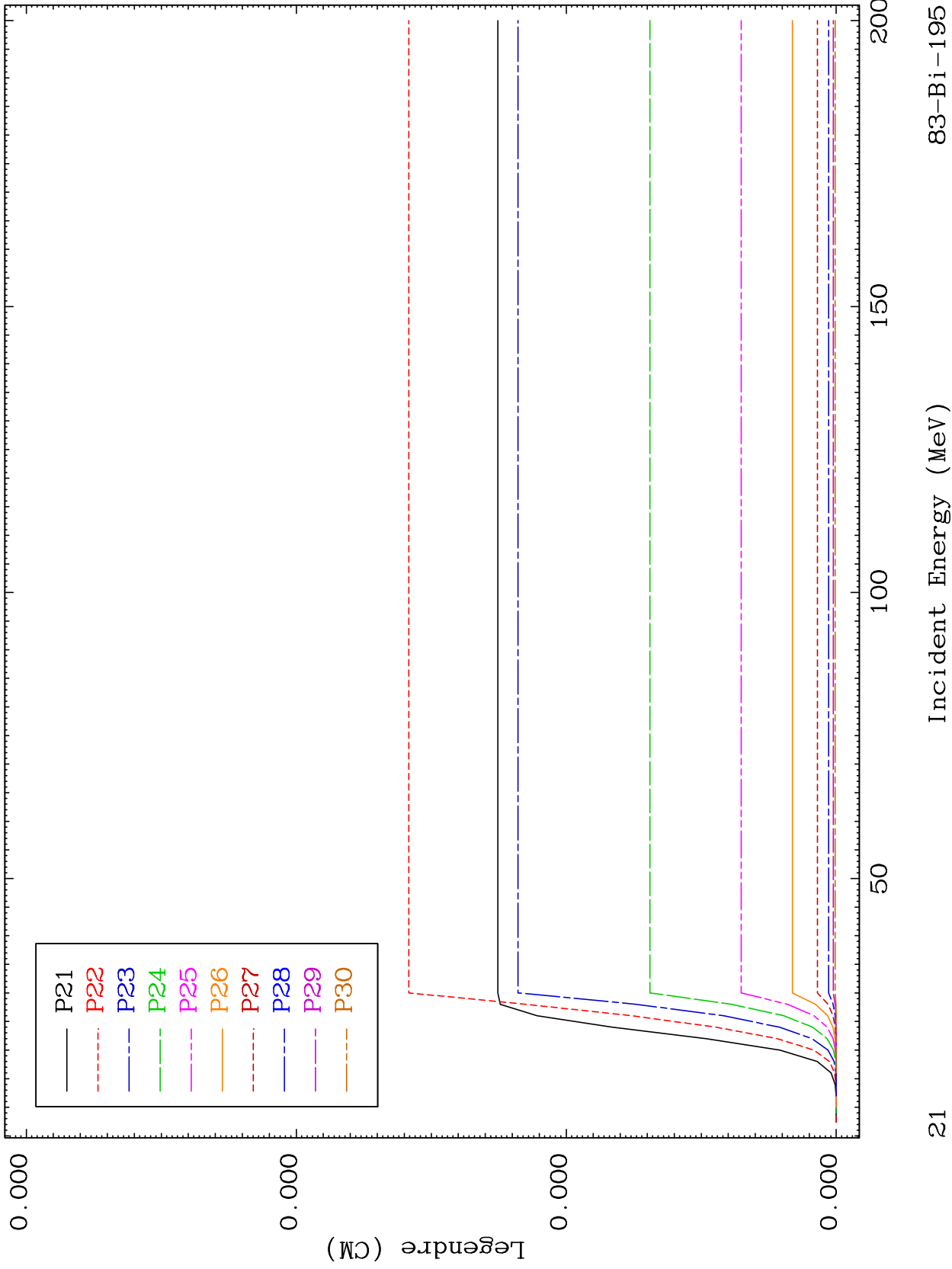
Incident Energy (MeV)

0

MAT 8283

401.0 keV (n,n') Level
Legendre Coefficients

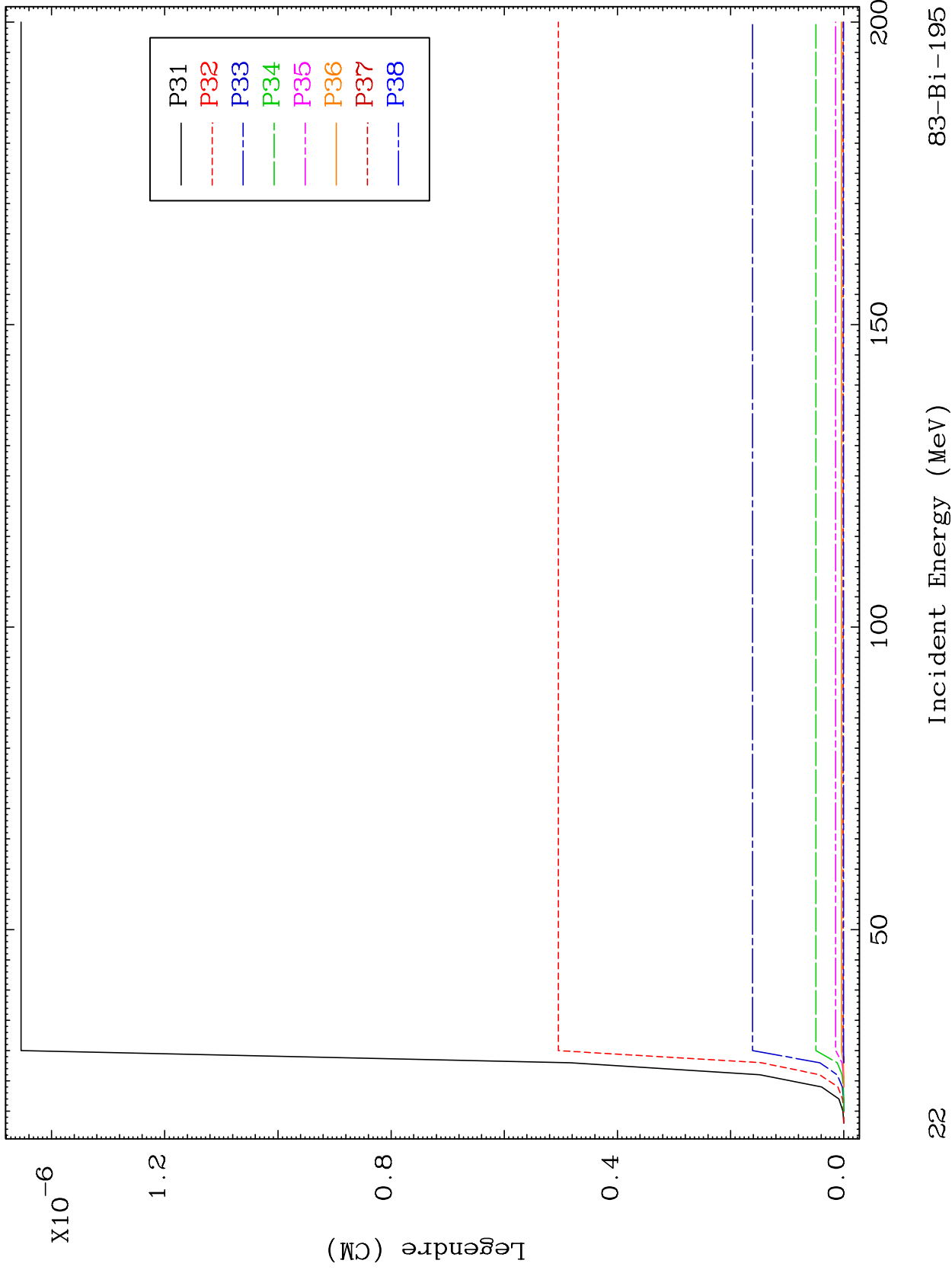
83-Bi-195



MAT 8283

401.0 keV (n,n') Level
Legendre Coefficients

83-Bi-195



22

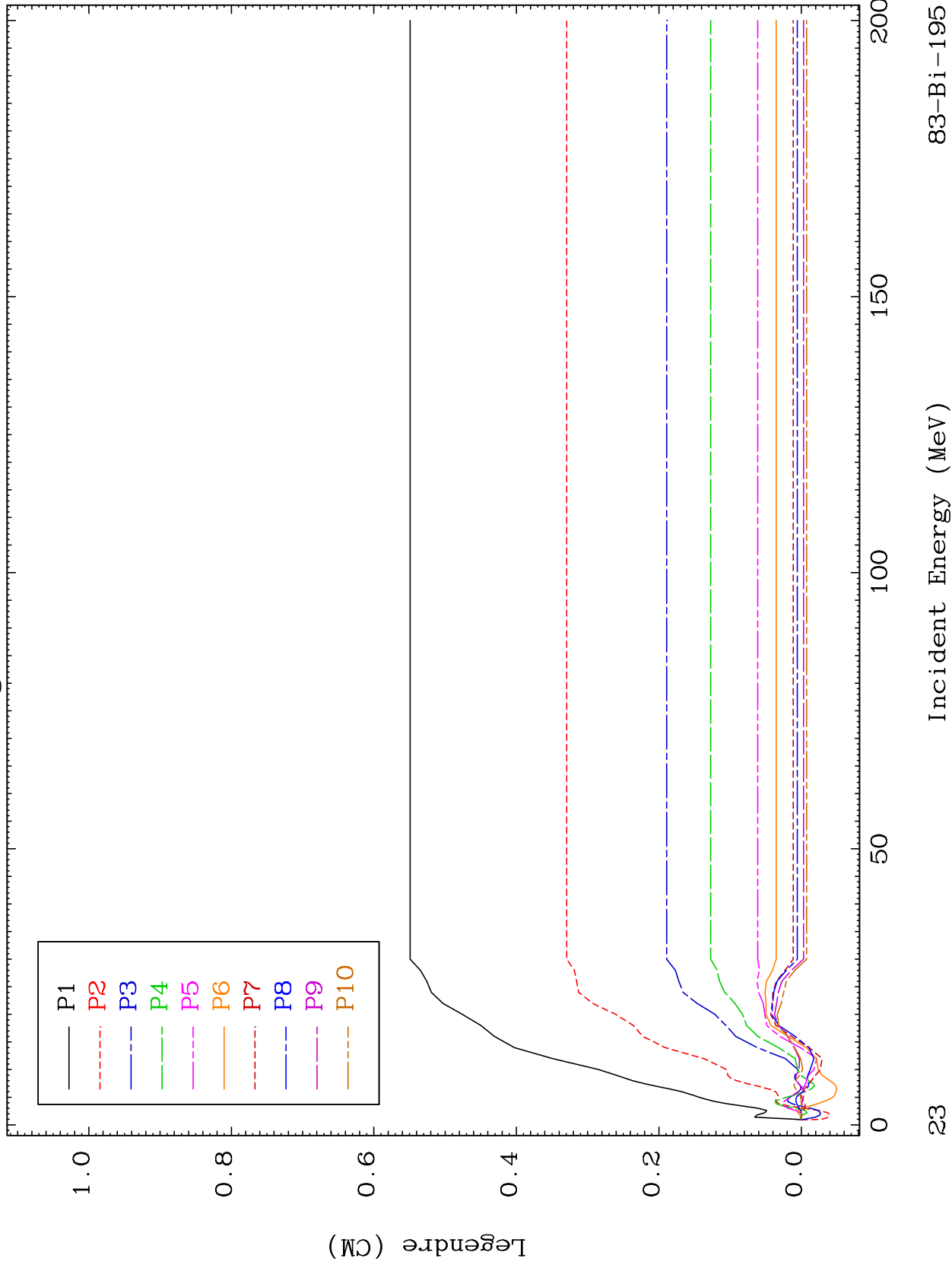
Incident Energy (MeV)

83-Bi-195

MAT 8283

887.9 keV (n,n') Level
Legendre Coefficients

83-Bi-195



23

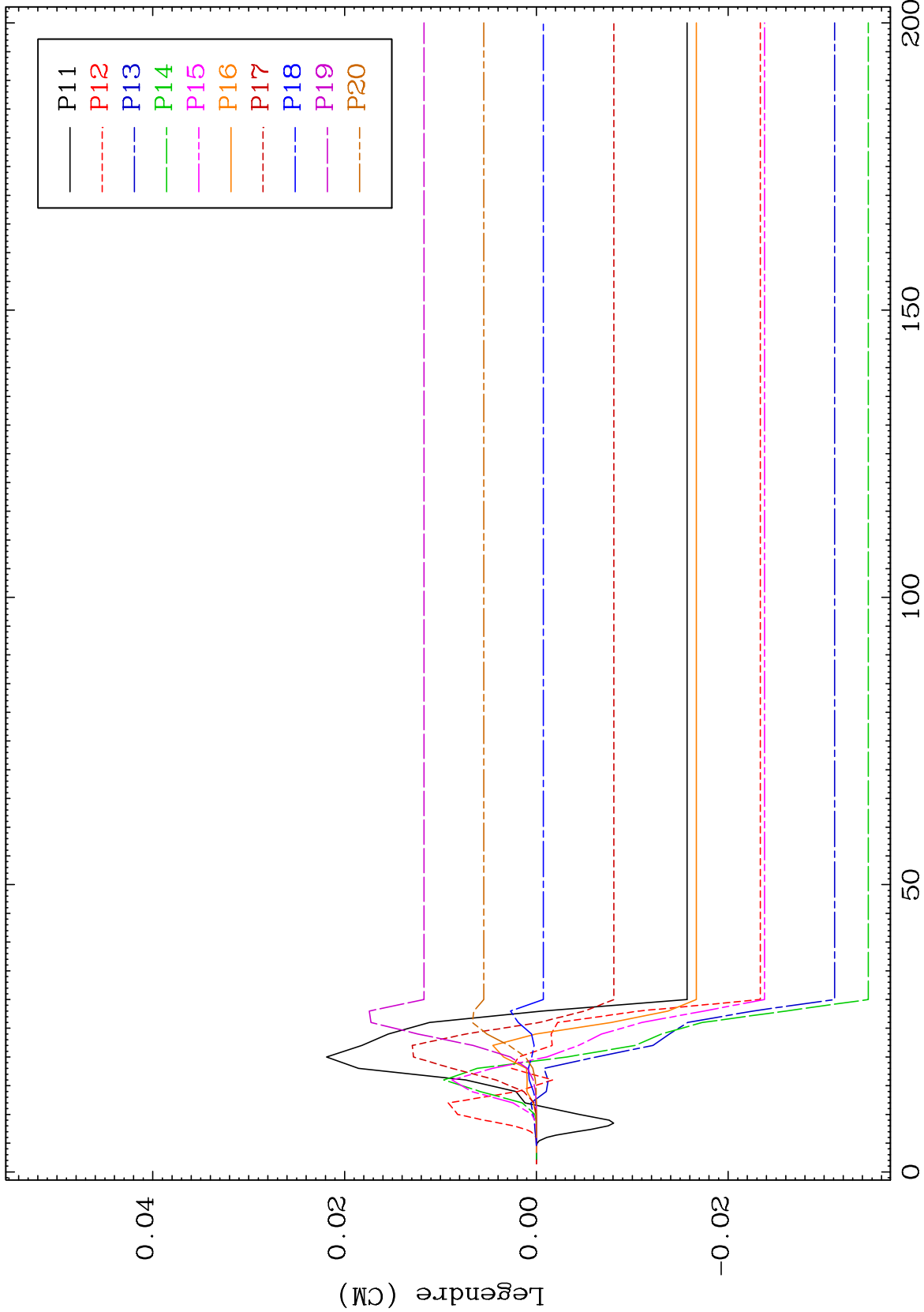
Incident Energy (MeV)

83-Bi-195

MAT 8283

887.9 keV (n,n') Level
Legendre Coefficients

83-Bi-195



24

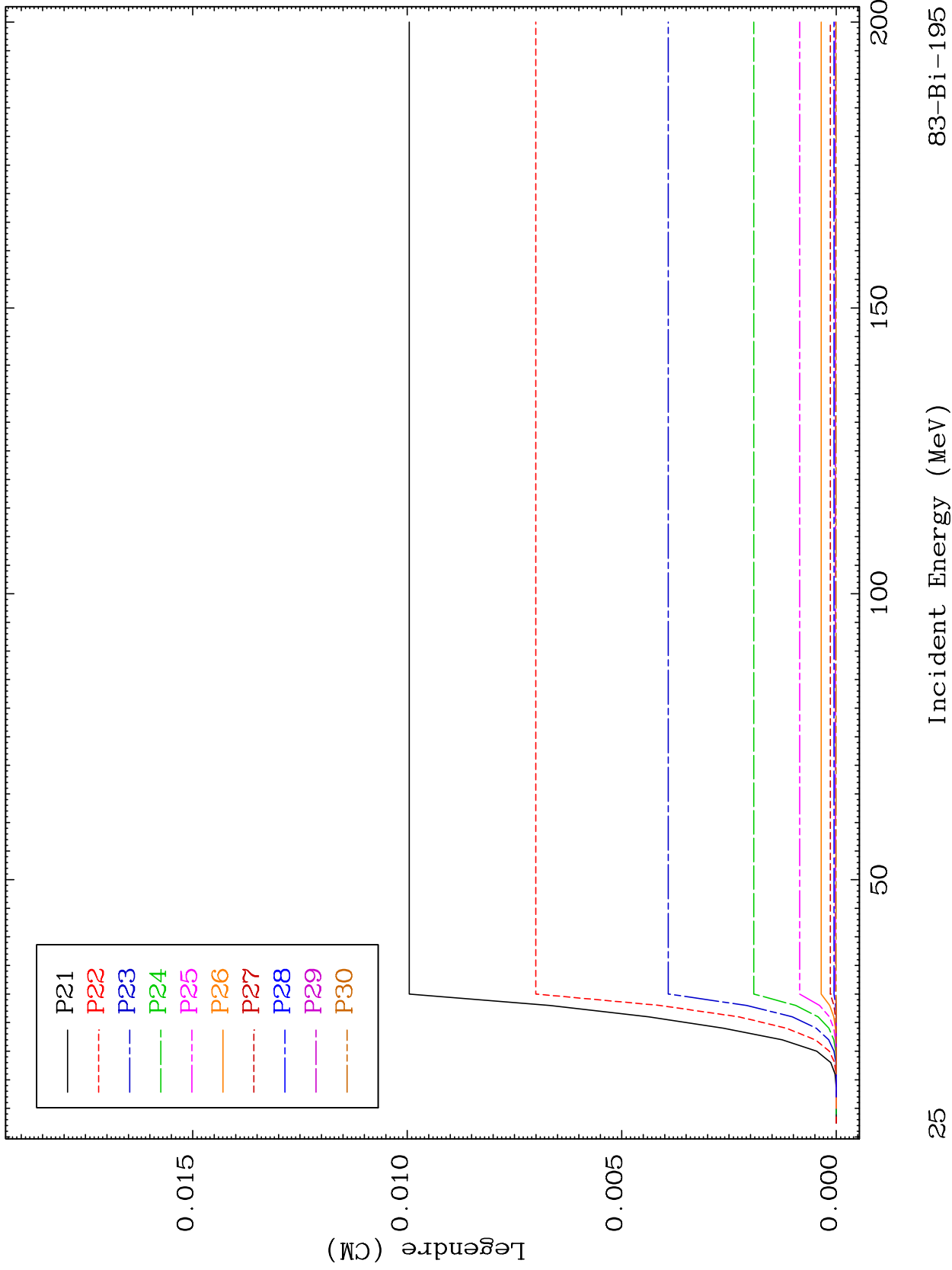
Incident Energy (MeV)

83-Bi-195

MAT 8283

887.9 keV (n,n') Level
Legendre Coefficients

83-Bi-195



83-Bi-195

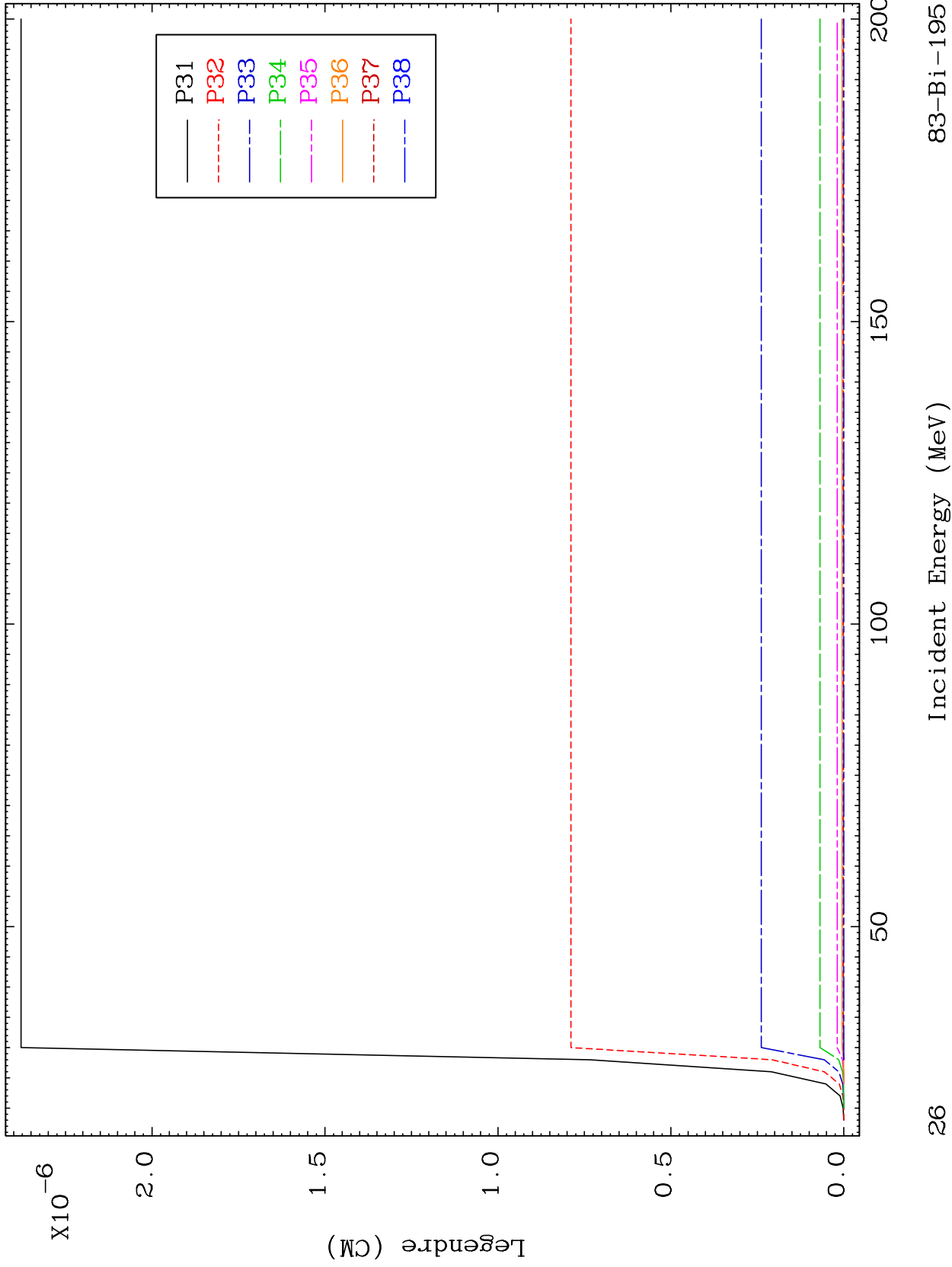
Incident Energy (MeV)

25

MAT 8283

887.9 keV (n,n') Level
Legendre Coefficients

83-Bi-195



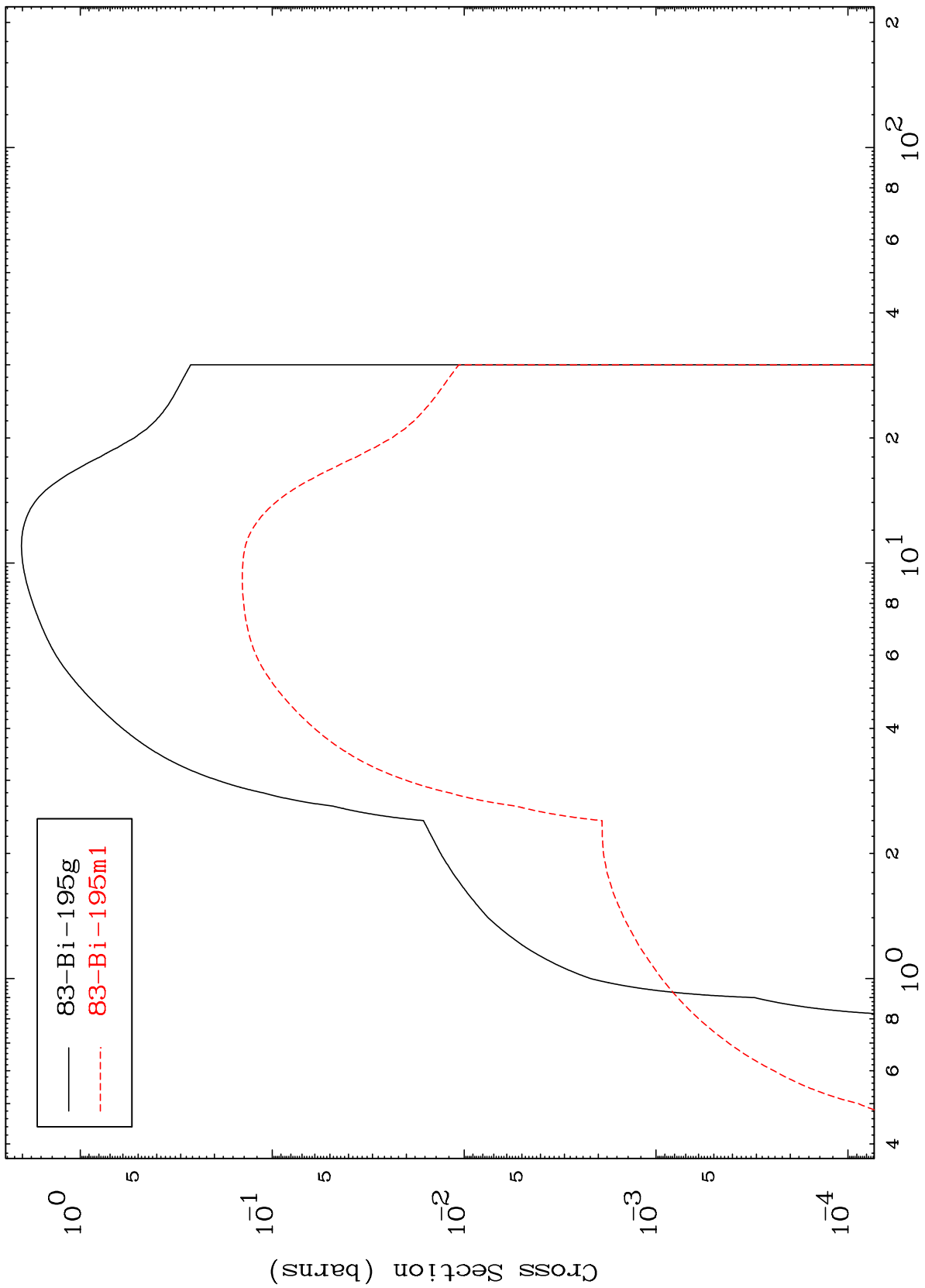
26

83-Bi-195

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83-Bi-195

Radionuclide Production Cross Section



27

83-Bi-195

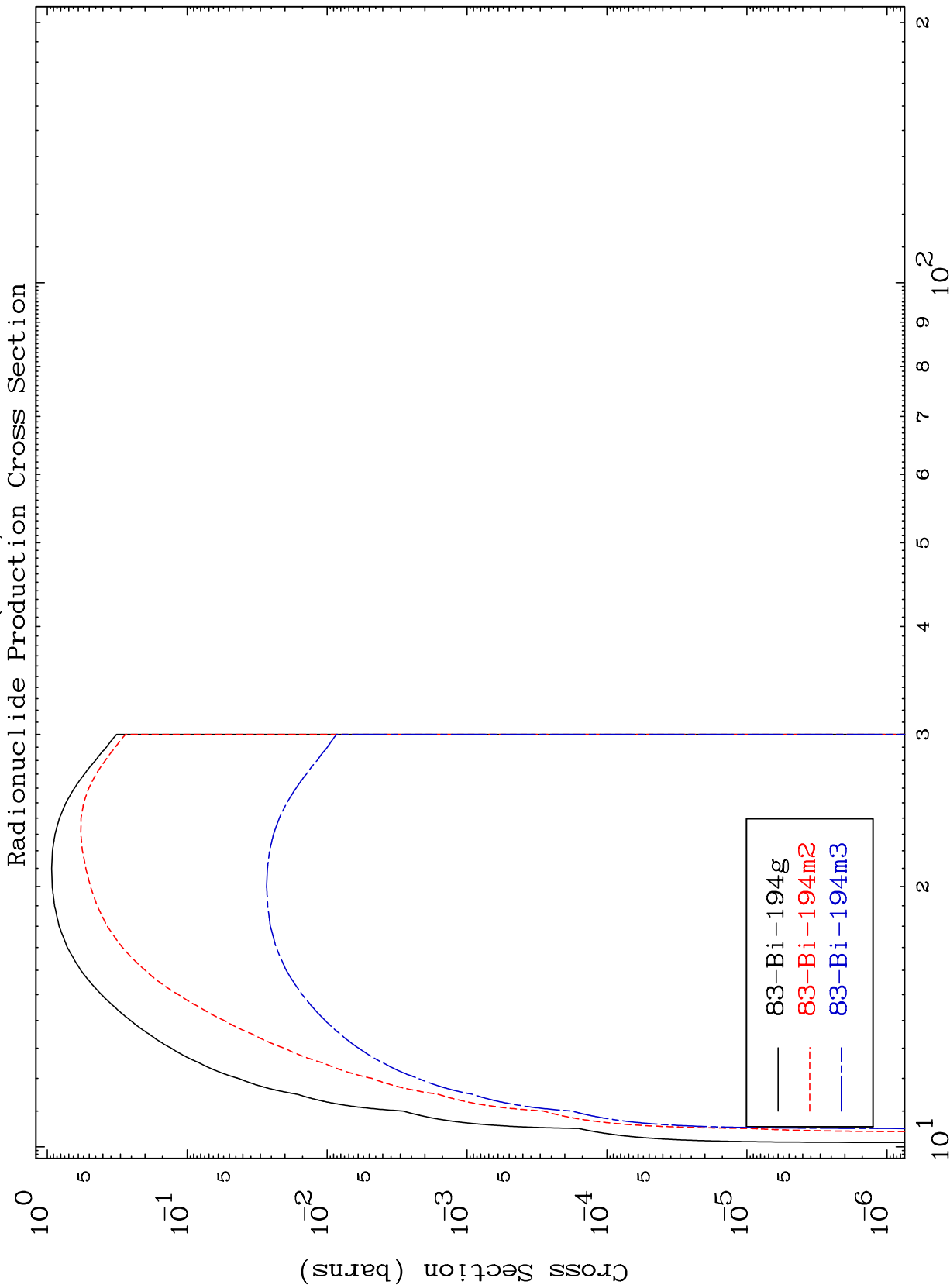
Incident Energy (MeV)

MAT 8283

83-Bi-195

Radionuclide Production Cross Section

(n,2n)



83-Bi-195

Incident Energy (MeV)

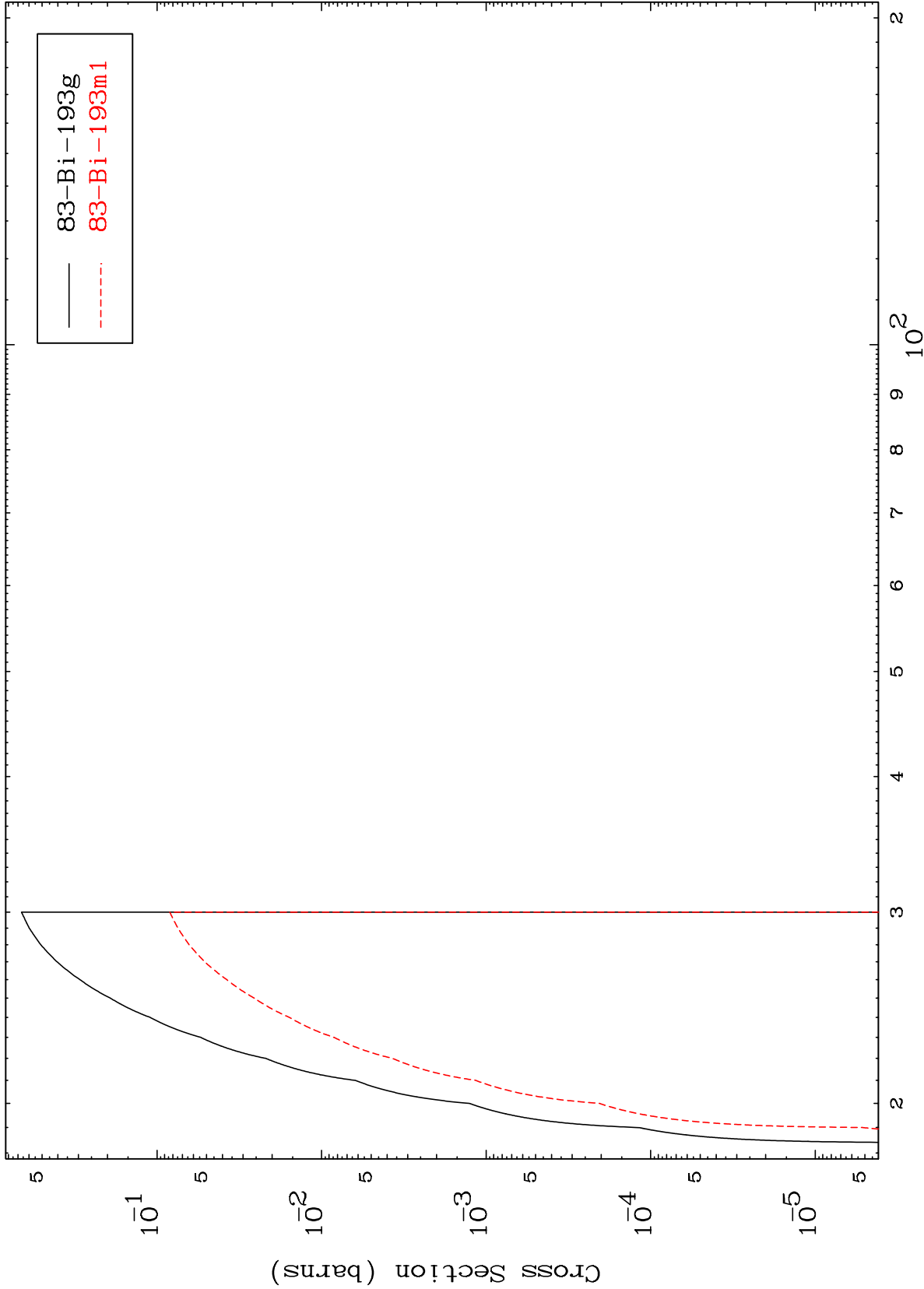
28

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(n,3n)

83-Bi-195

Radionuclide Production Cross Section



29

Incident Energy (MeV)

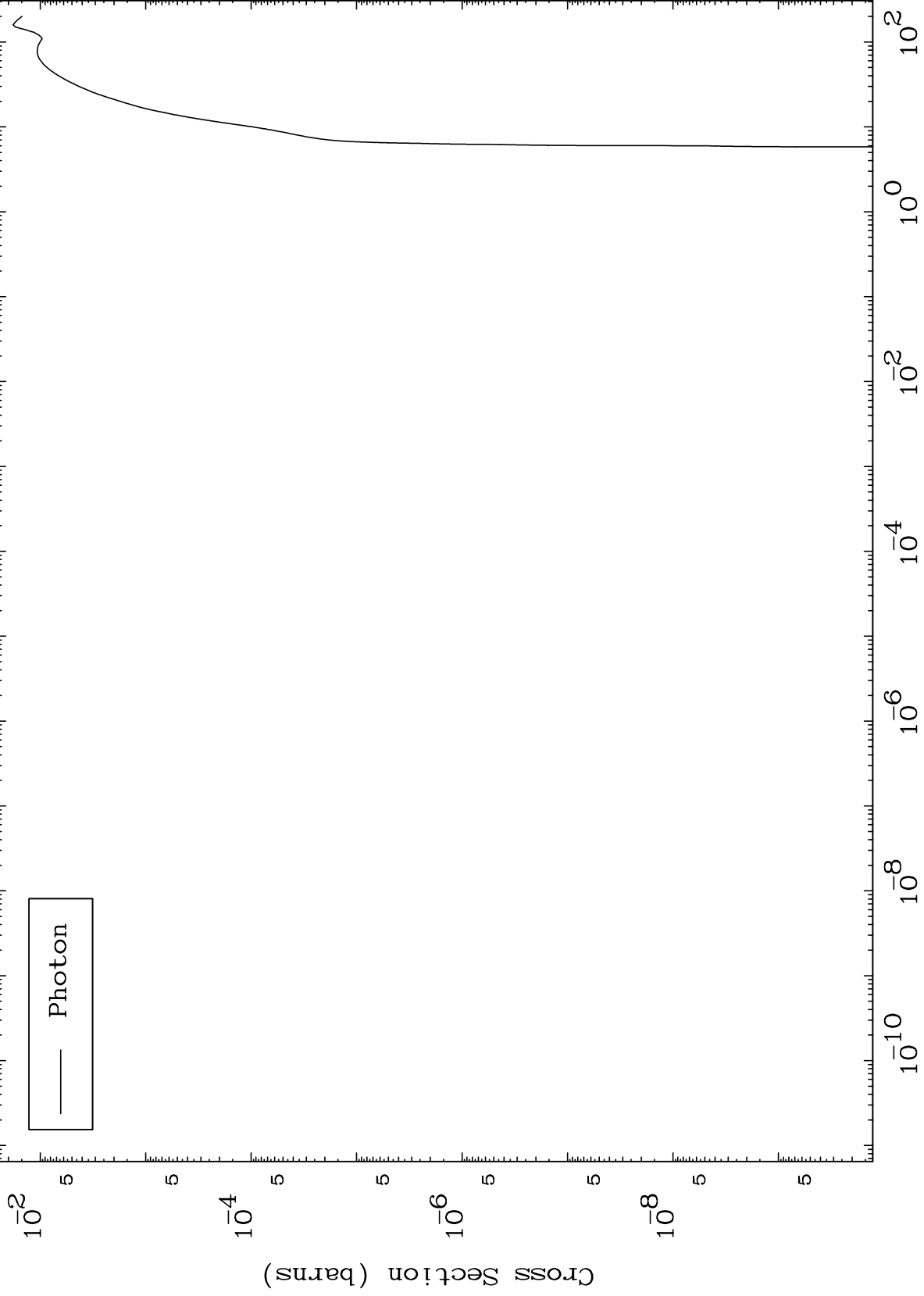
83-Bi-195

MAT 8283

Fission

83-Bi-195

Radionuclide Production Cross Section



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Incident Energy (MeV)

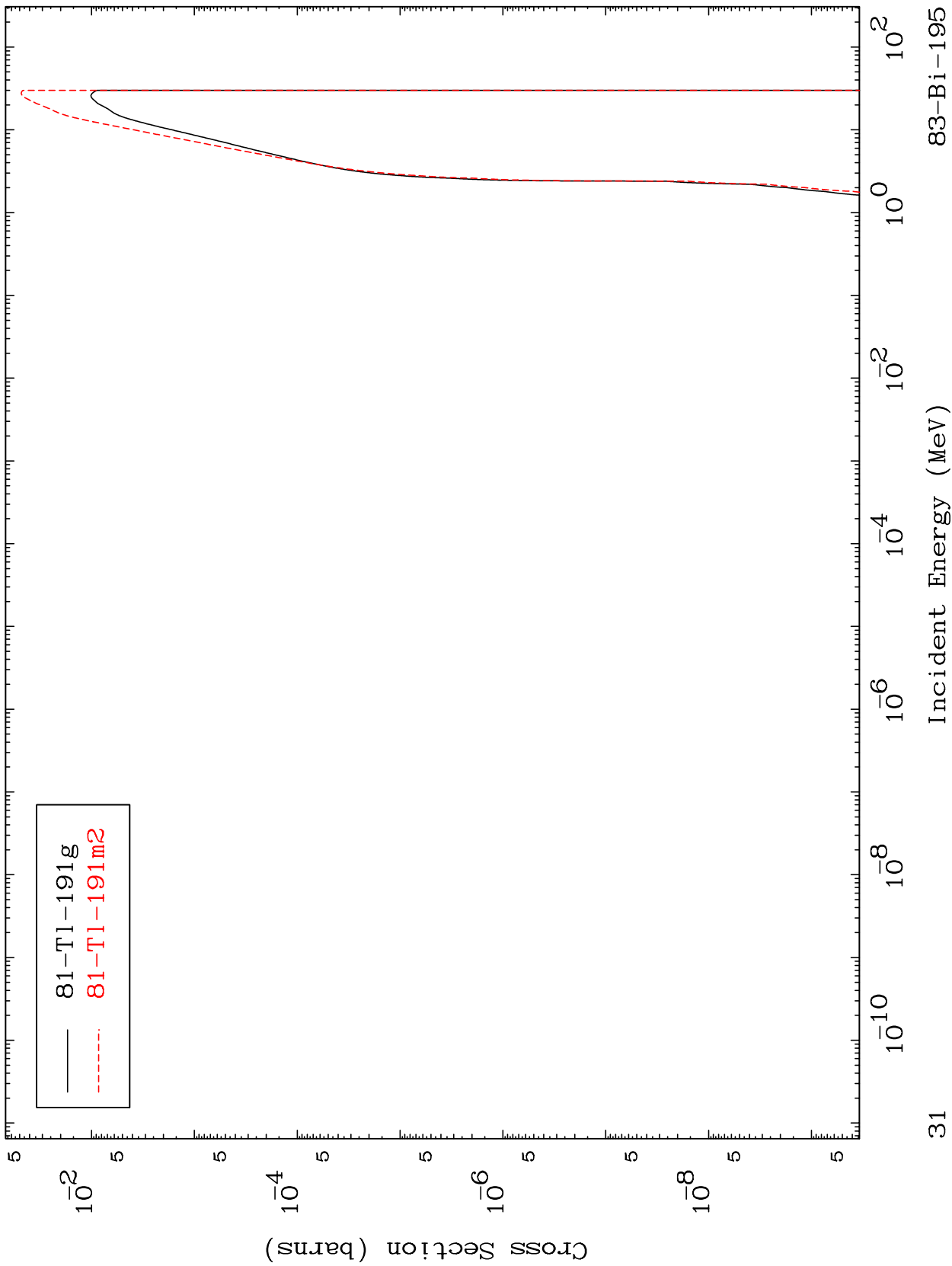
83-Bi-195

MAT 8283

$(n, n') \alpha$

83-Bi-195

Radionuclide Production Cross Section

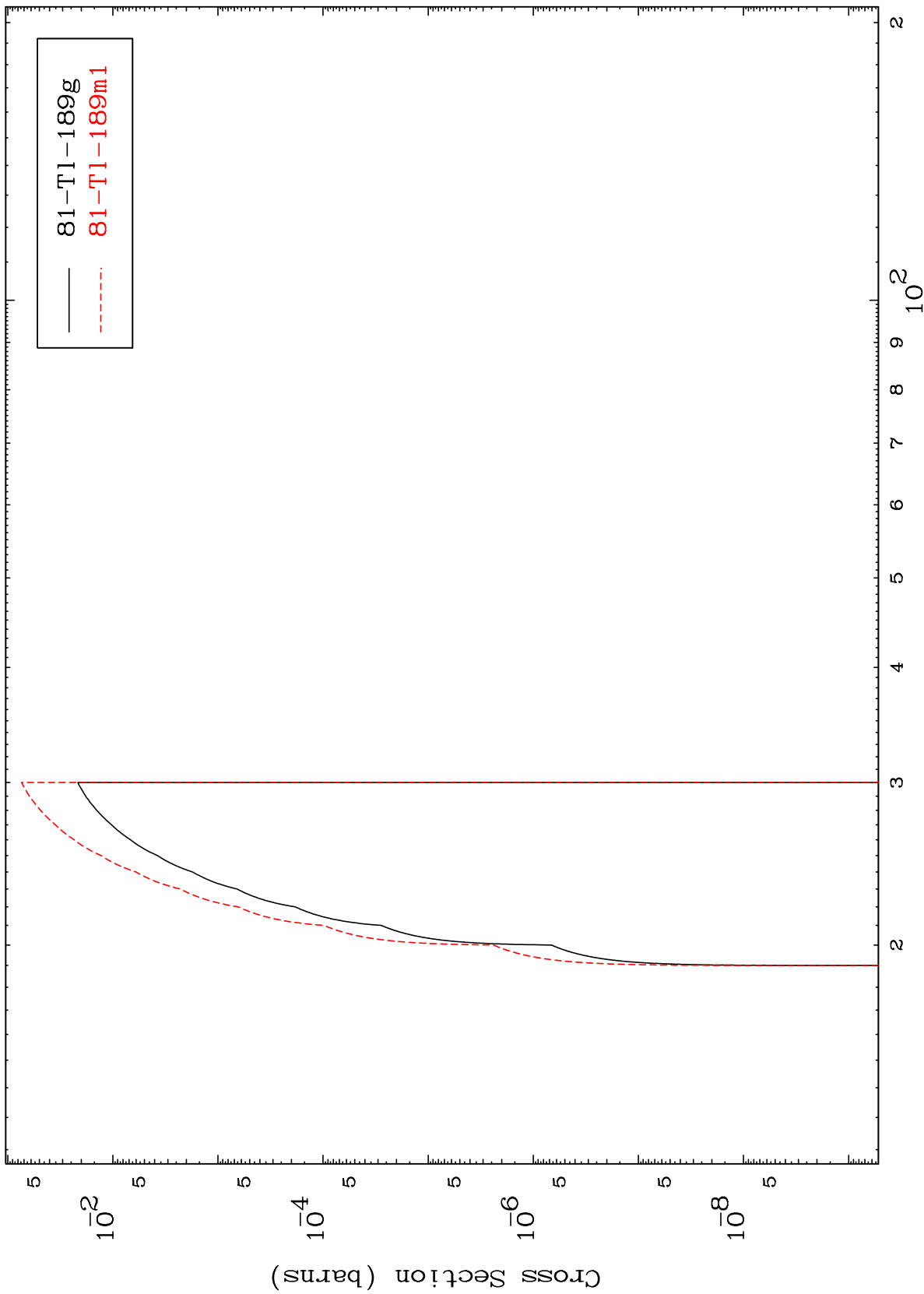


MAT 8283

$(n,3n) \alpha$

83-Bi-195

Radionuclide Production Cross Section



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

32

Incident Energy (MeV)

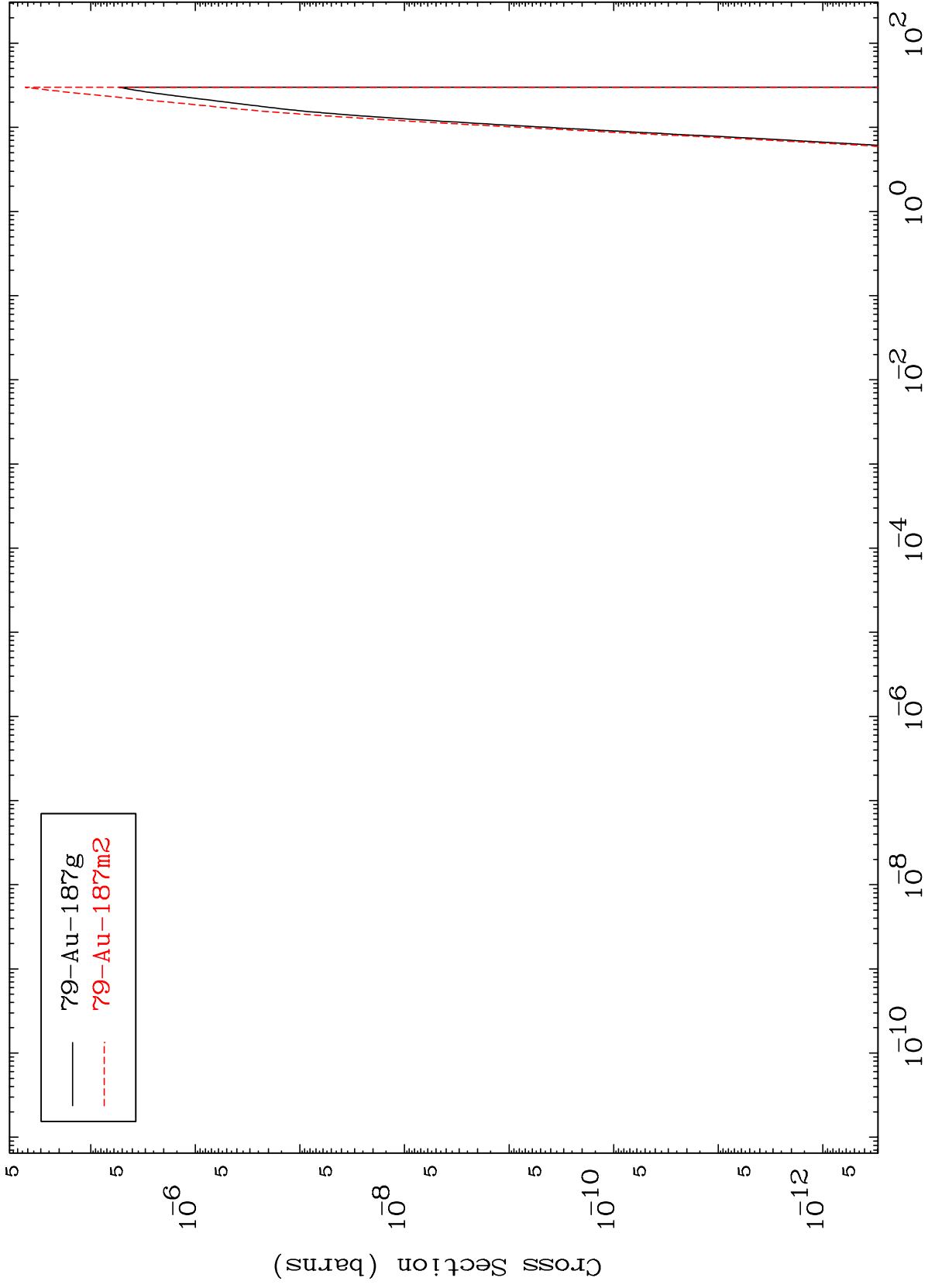
83-Bi-195

MAT 8283

(n,n') 2α

83-Bi-195

Radionuclide Production Cross Section



33

Incident Energy (MeV)

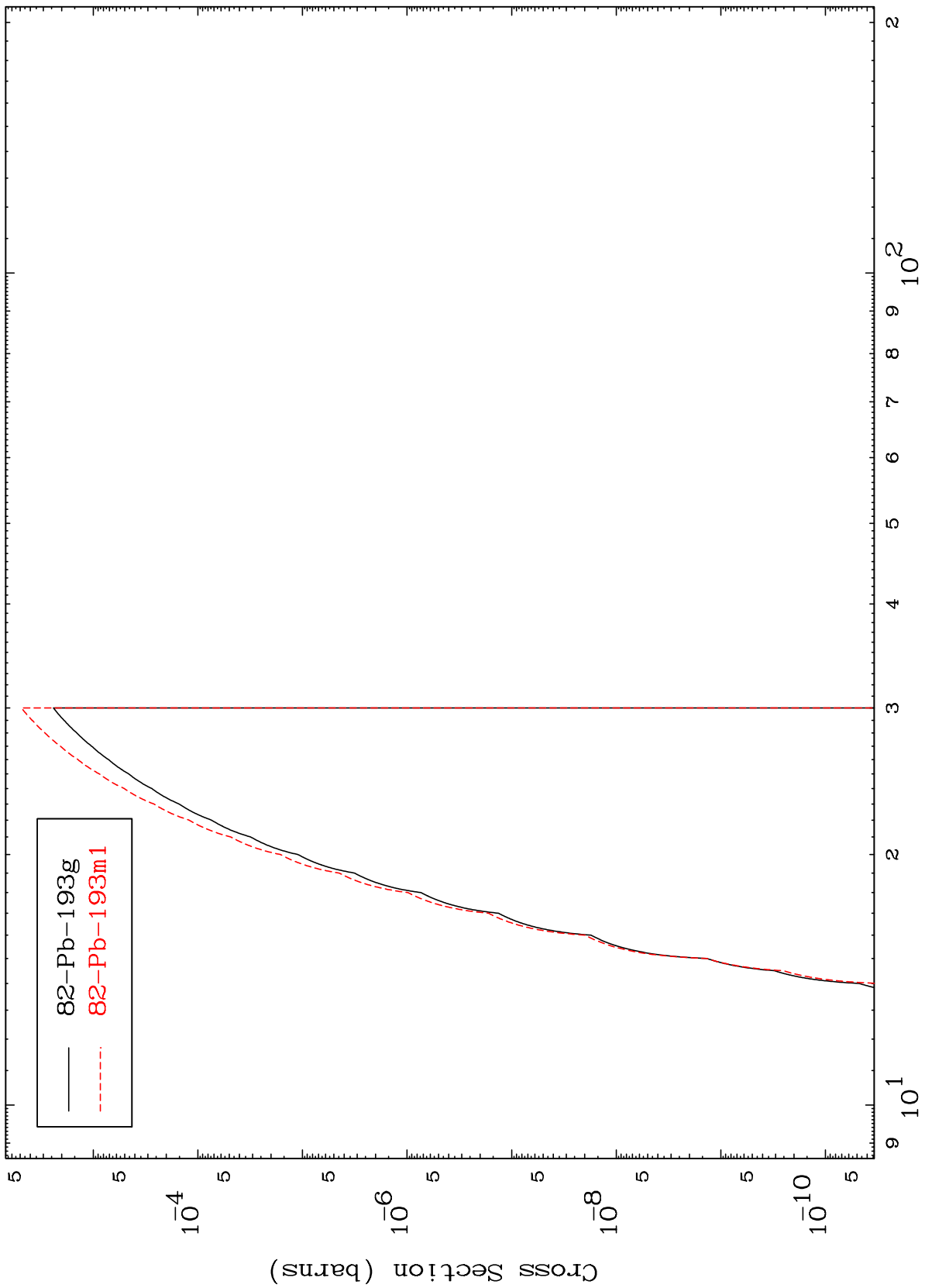
83-Bi-195

MAT 8283

(n,n') d

83-Bi-195

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-195

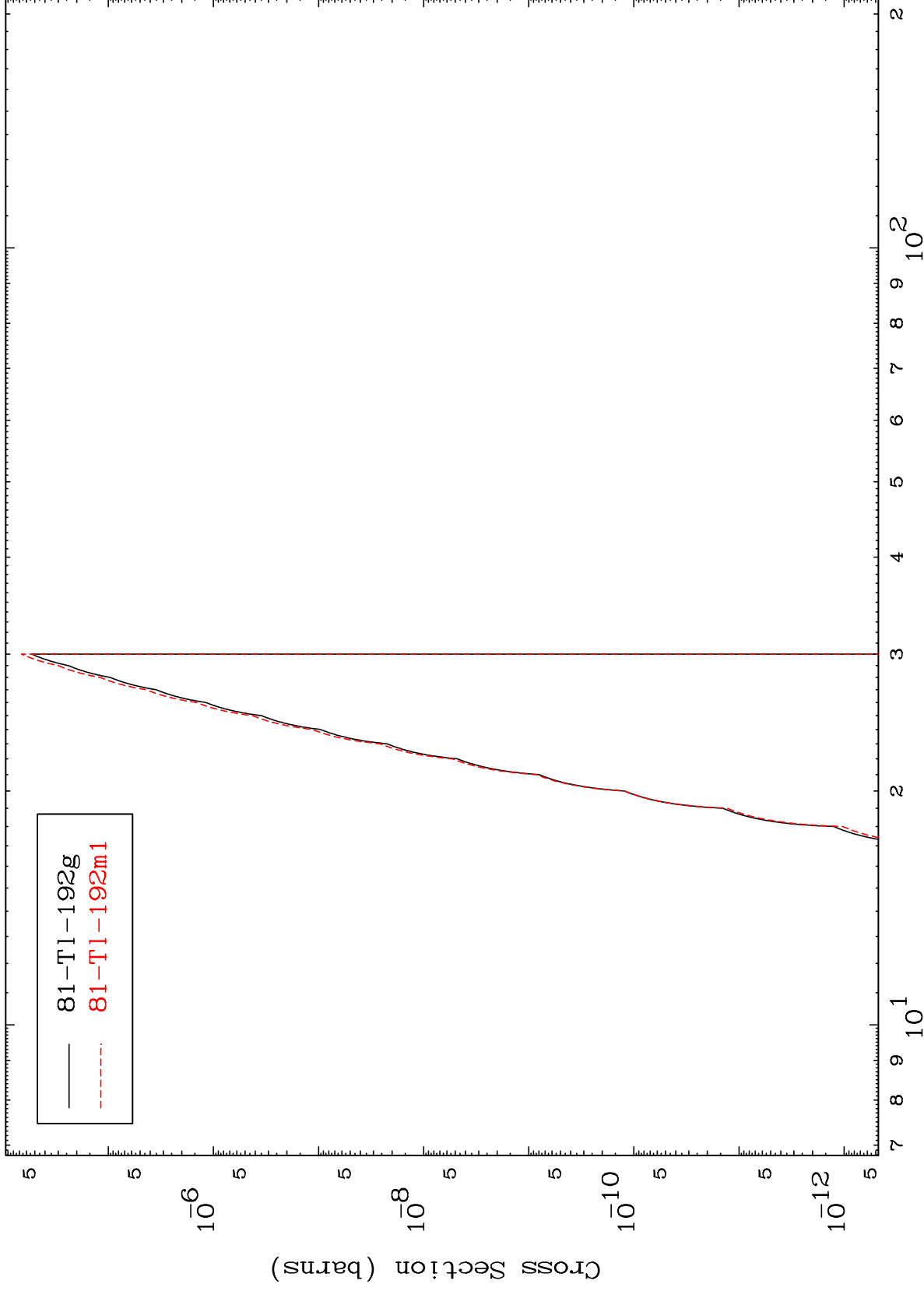
34

MAT 8283

(n,n') He-3

83-Bi-195

Radionuclide Production Cross Section



35

Incident Energy (MeV)

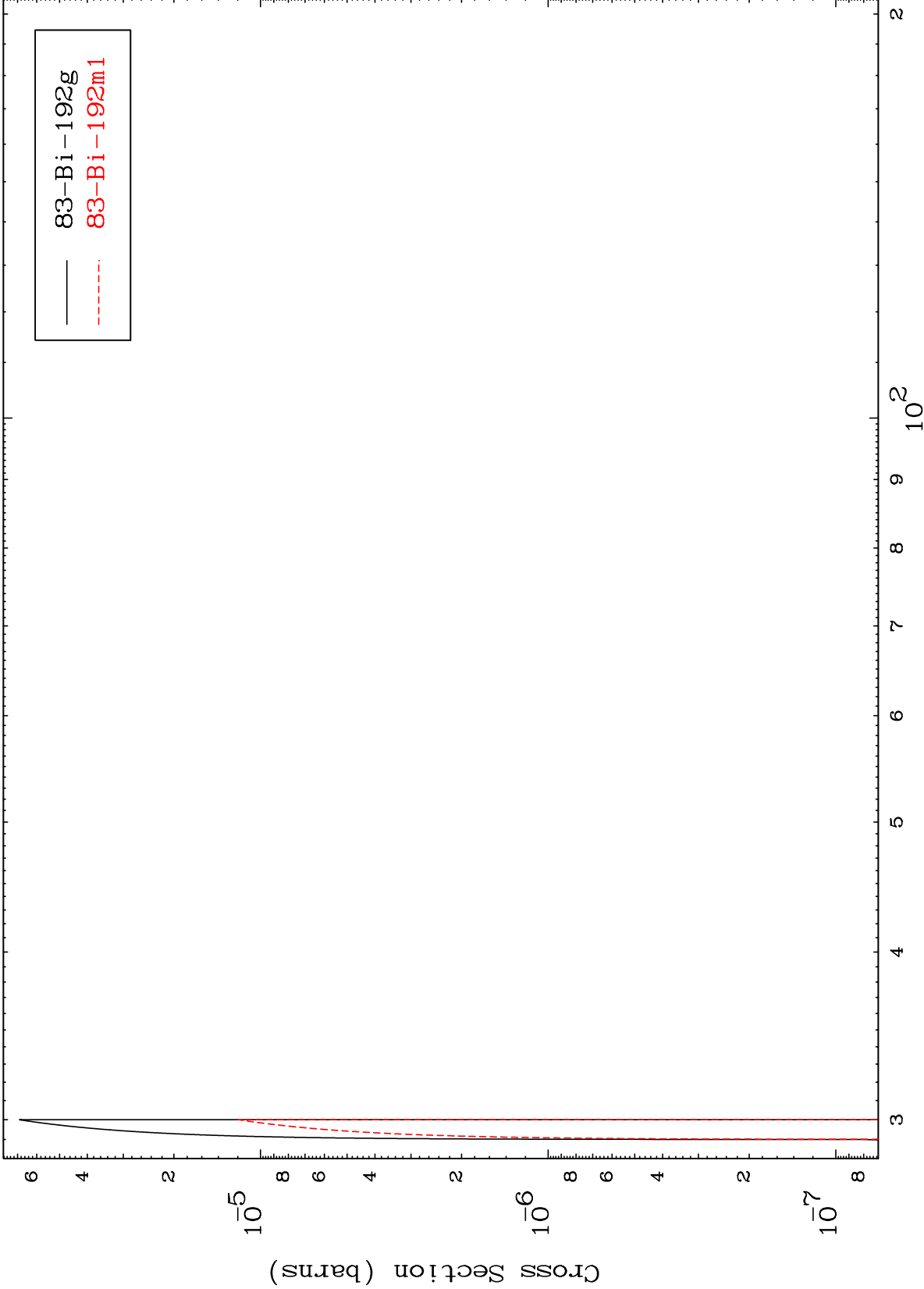
83-Bi-195

MAT 8283

(n,4n)

83-Bi-195

Radionuclide Production Cross Section



83-Bi-192g
83-Bi-192m1

36

Incident Energy (MeV)

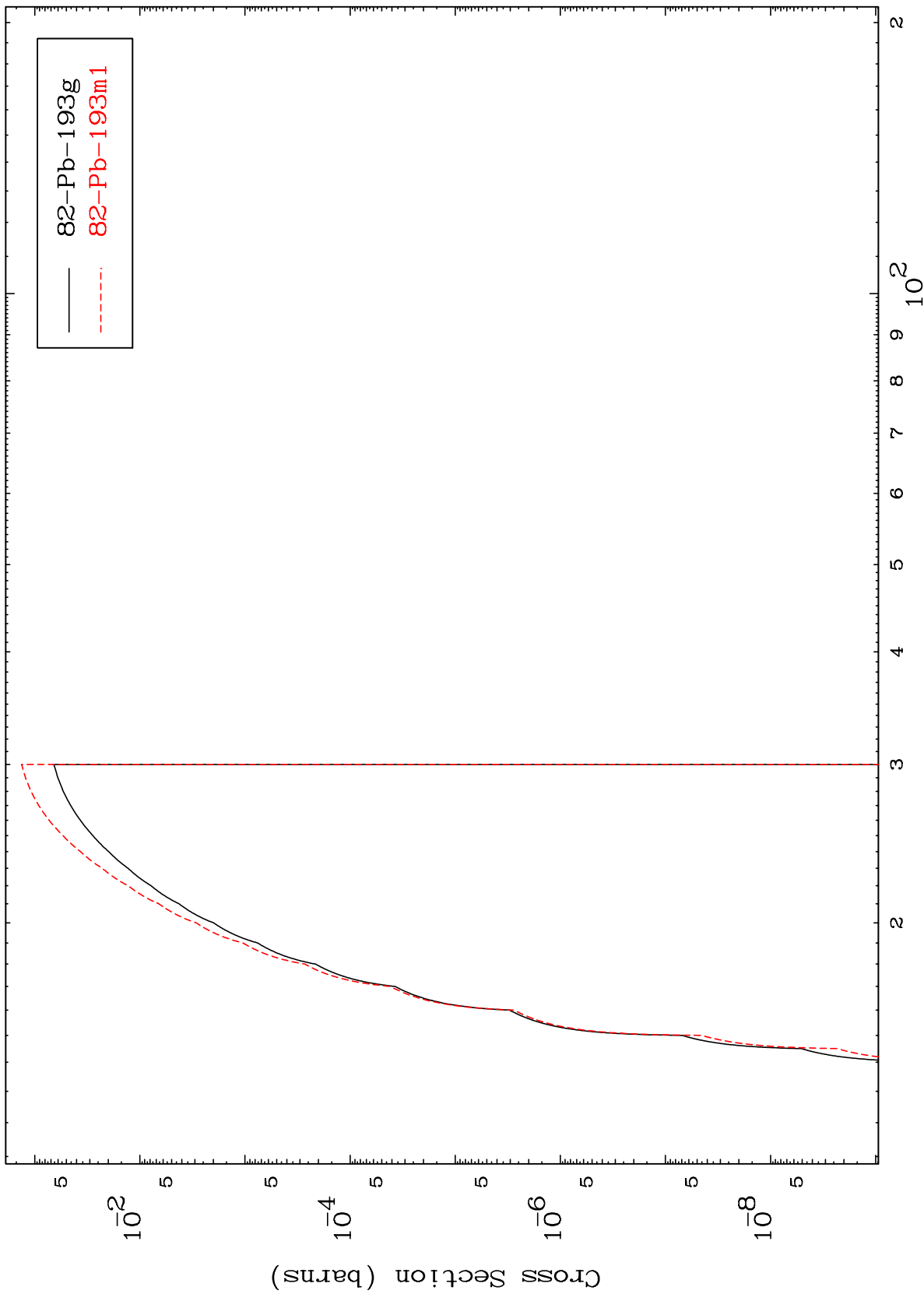
83-Bi-195

MAT 8283

(n,2n) p

83-Bi-195

Radionuclide Production Cross Section



37

Incident Energy (MeV)

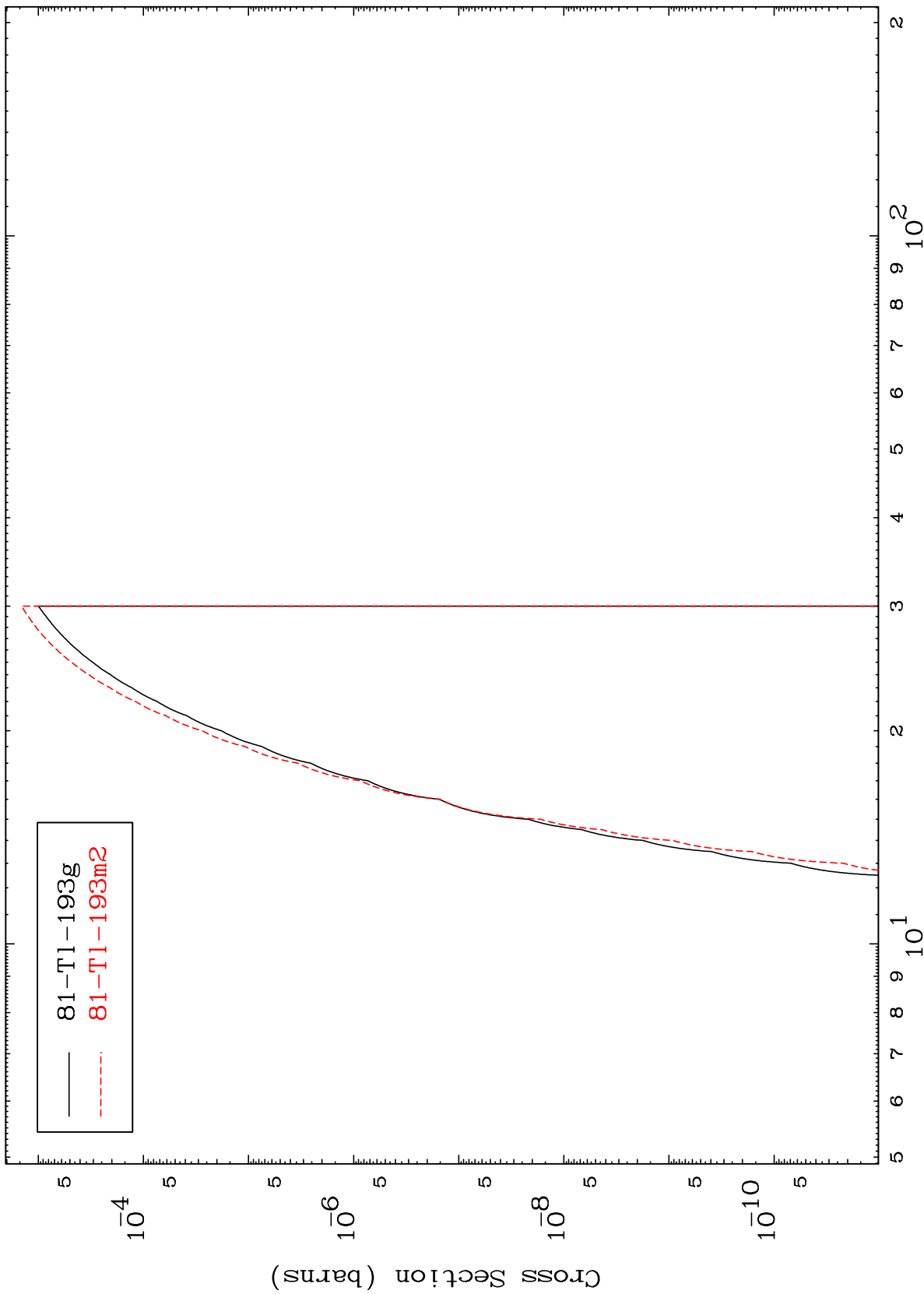
83-Bi-195

MAT 8283

83-Bi-195

(n,2n) p

Radionuclide Production Cross Section



38

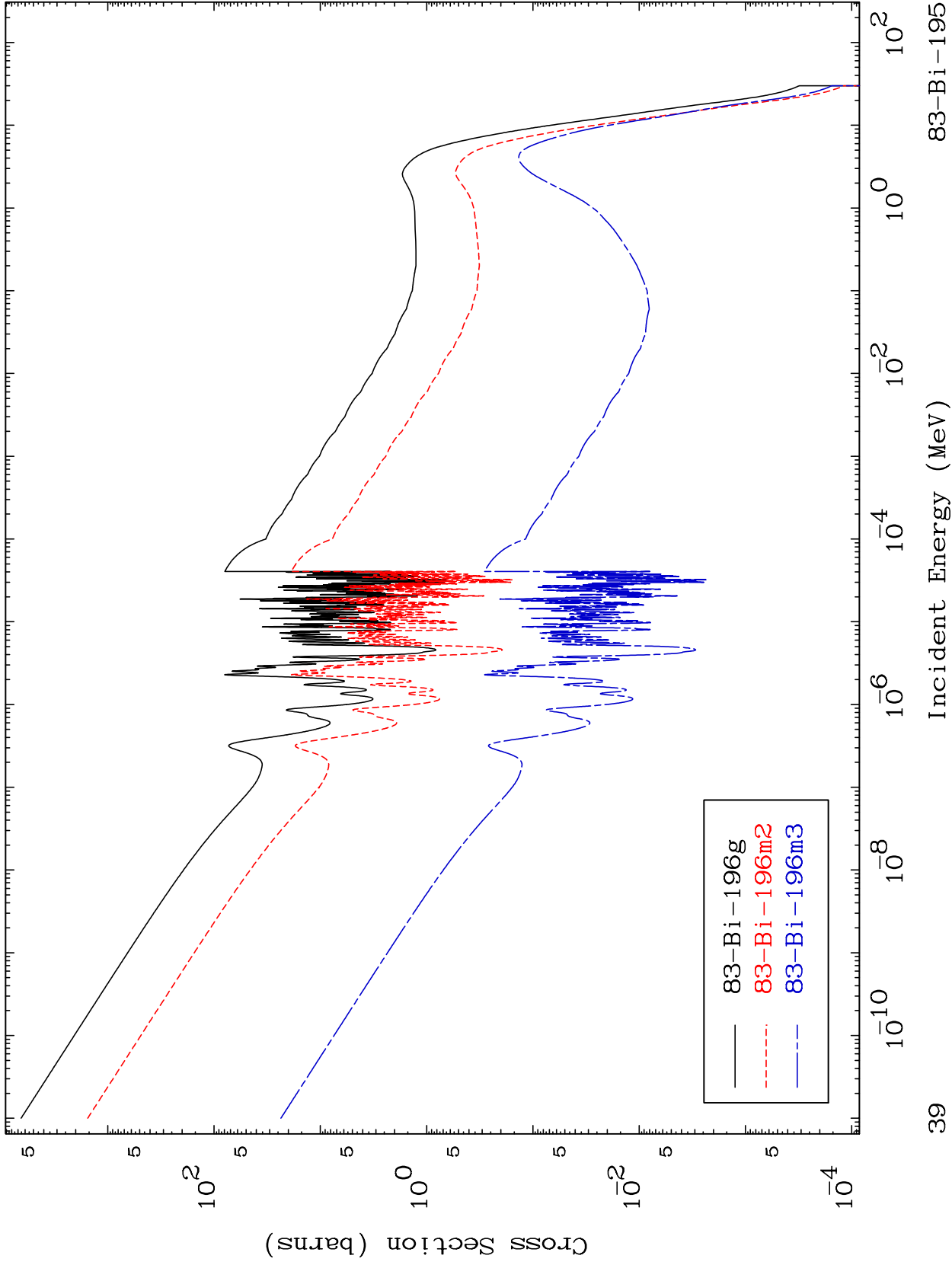
Incident Energy (MeV)

83-Bi-195

MAT 8283

83-Bi-195

(n, γ)
Radionuclide Production Cross Section

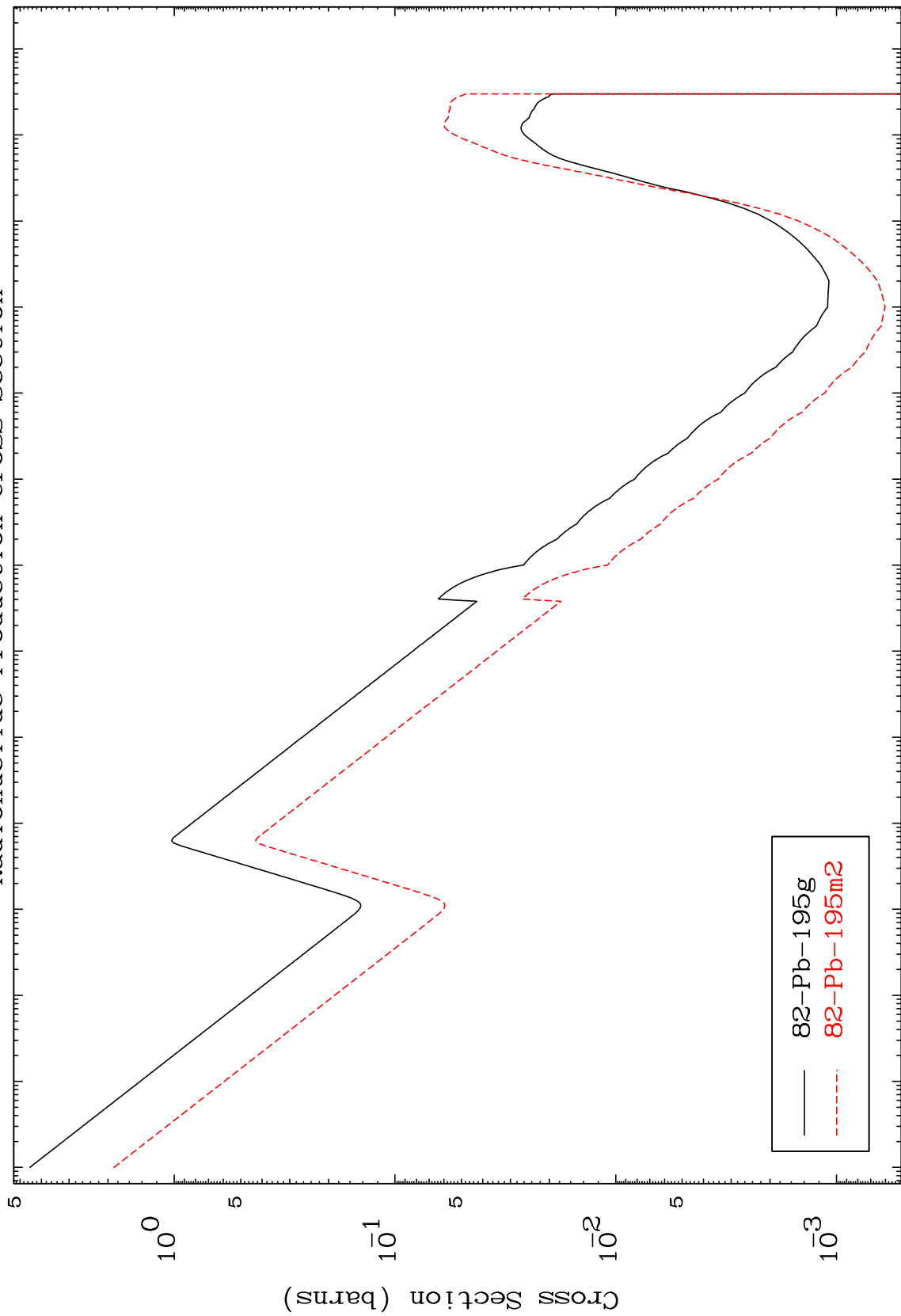


MAT 8283

83-Bi-195

Radionuclide Production Cross Section

(n,p)



40

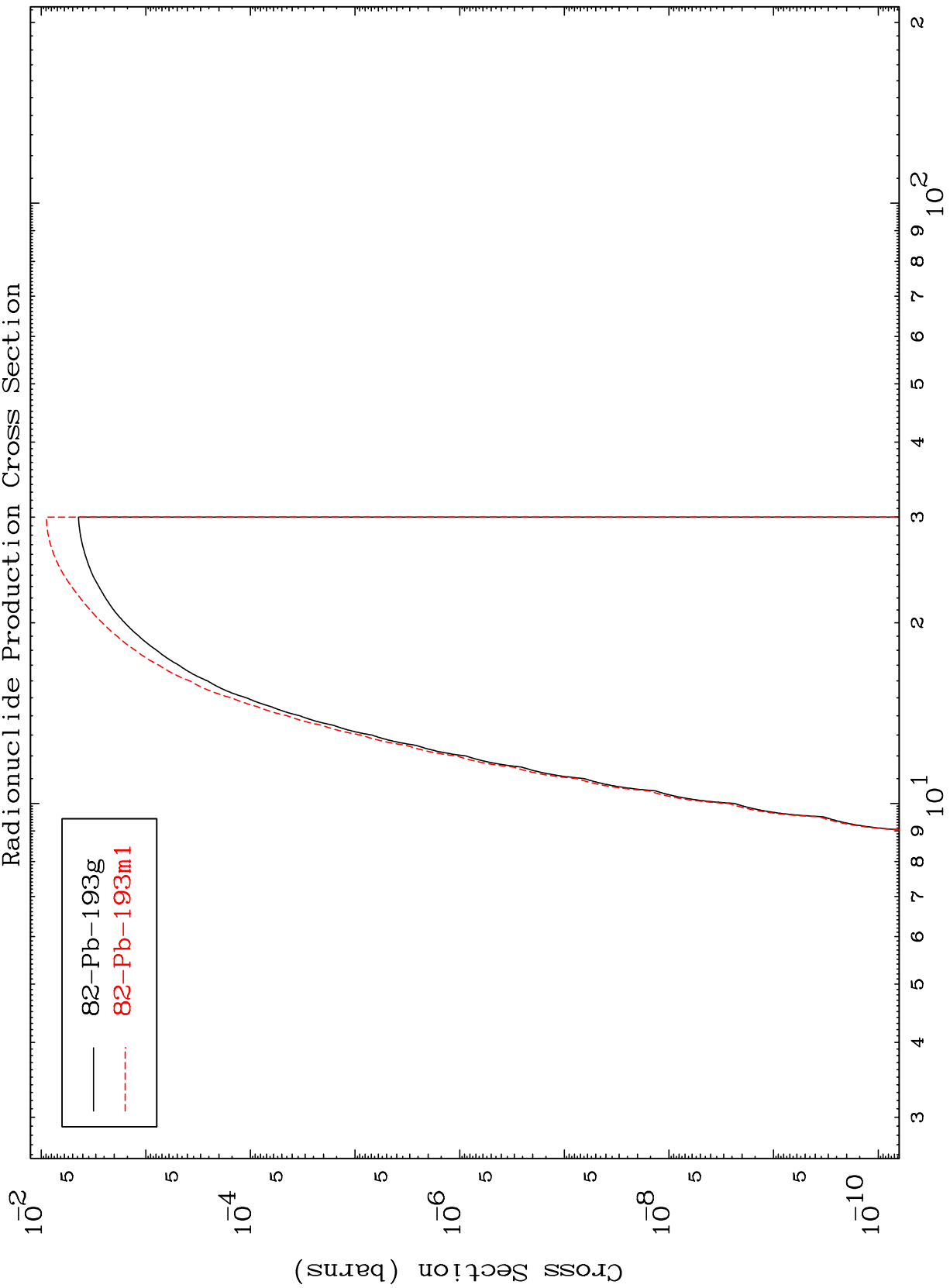
83-Bi-195

Incident Energy (MeV)

MAT 8283

83-Bi-195

(n, t)
Radionuclide Production Cross Section



41

Incident Energy (MeV)

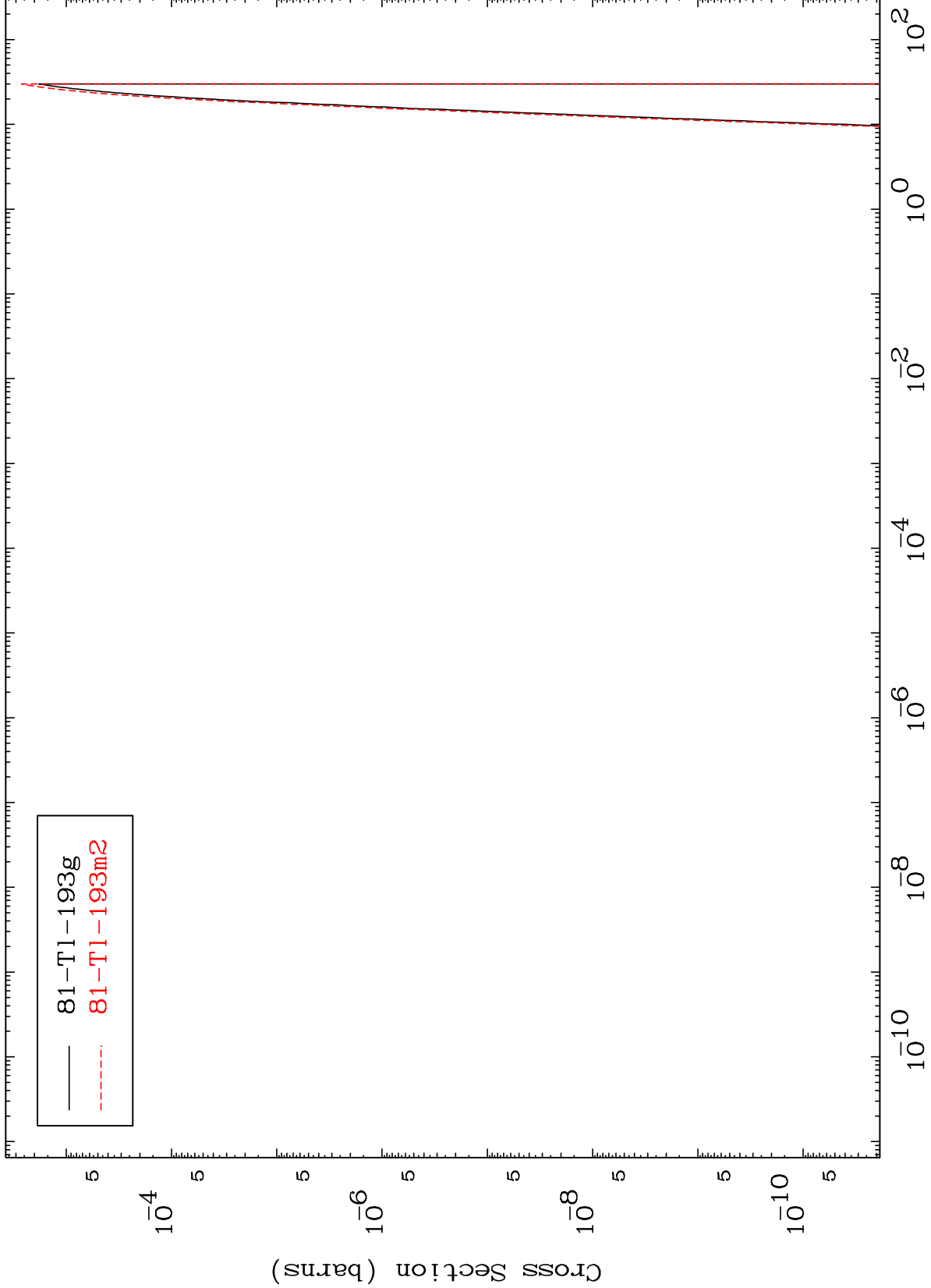
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MAT 8283

(n,He-3)

83-Bi-195

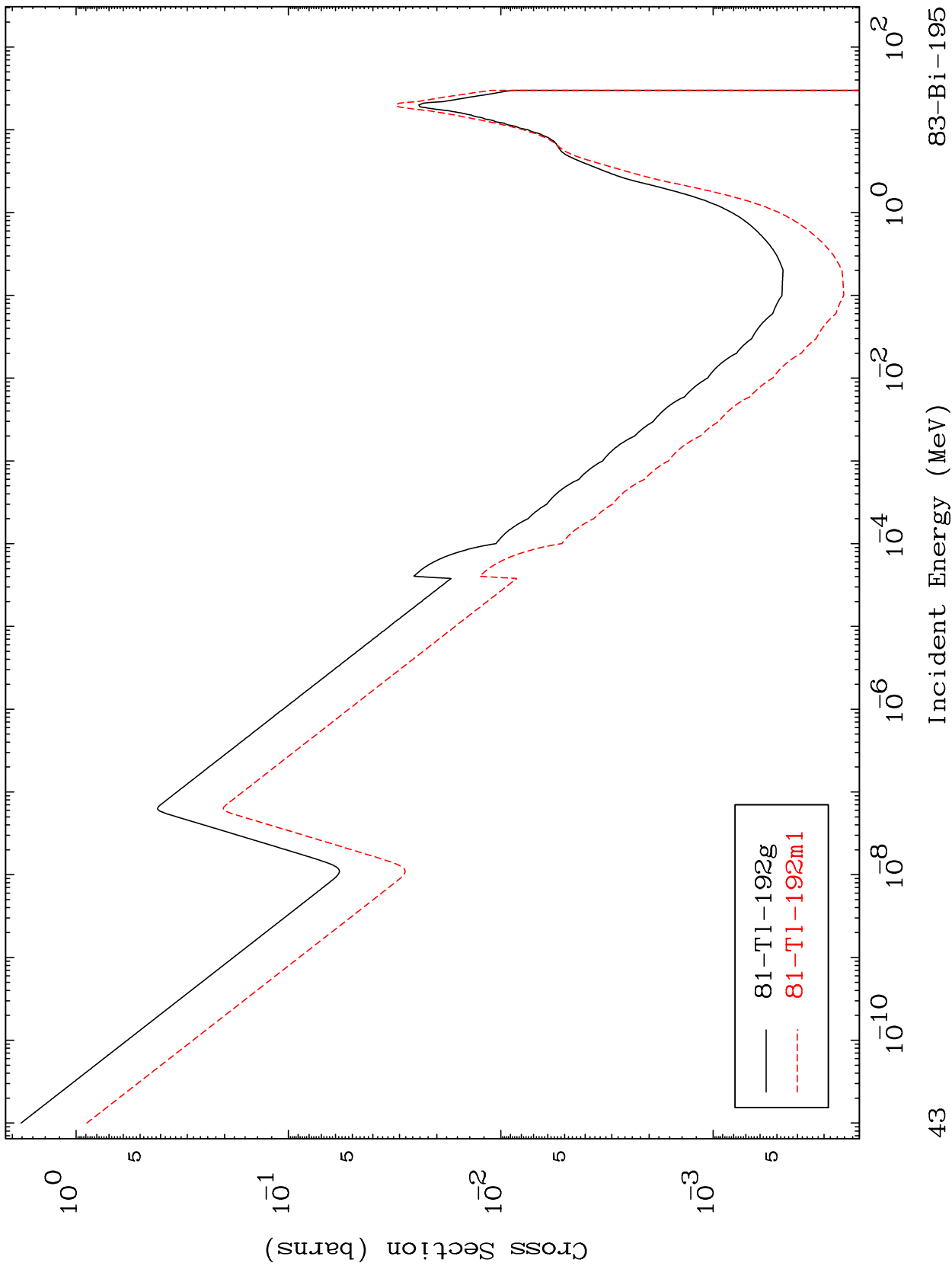
Radionuclide Production Cross Section



MAT 8283

83-Bi-195

(n, α)
Radionuclide Production Cross Section

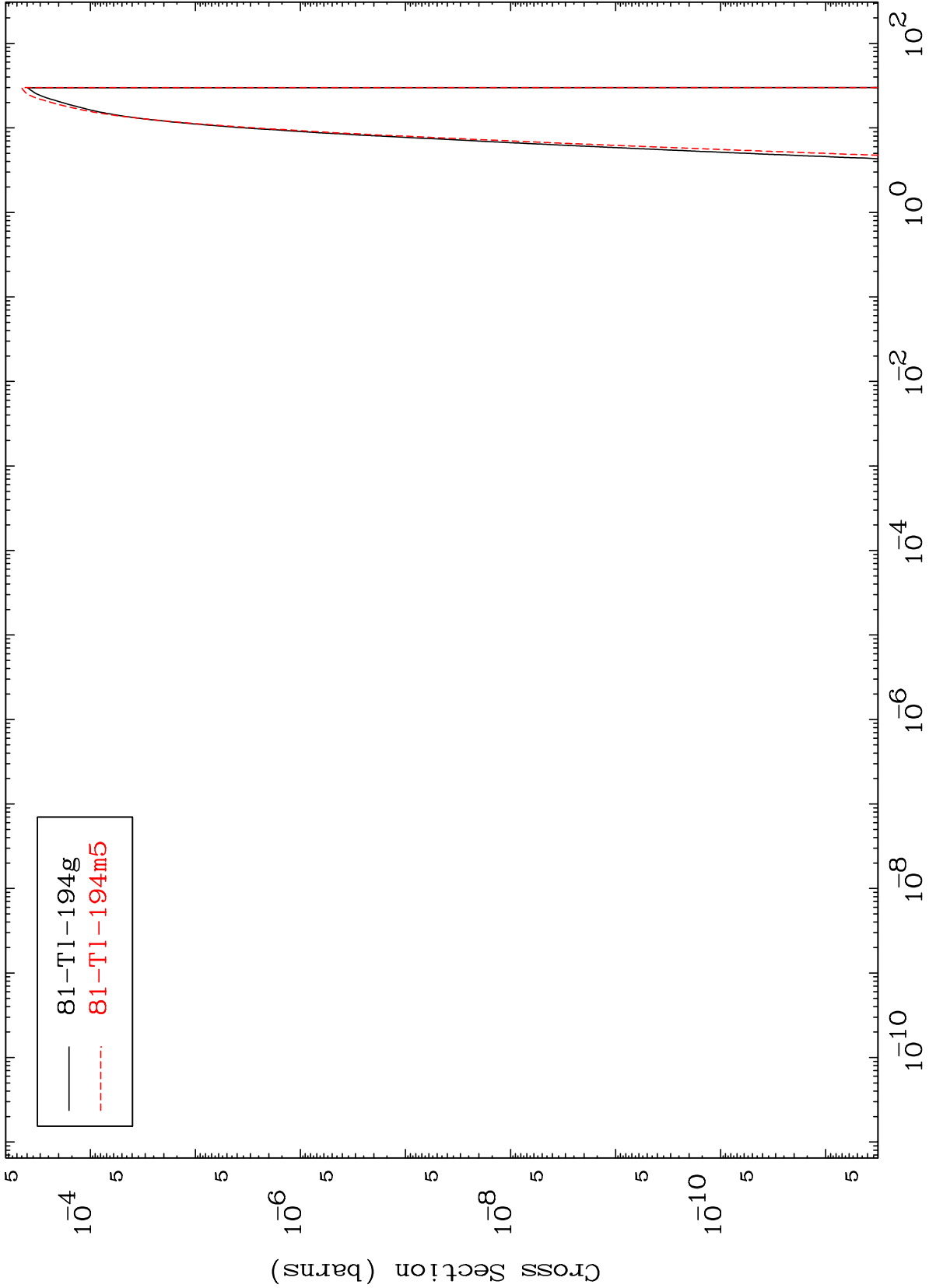


MAT 8283

(n,2p)

83-Bi-195

Radionuclide Production Cross Section



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

Incident Energy (MeV)

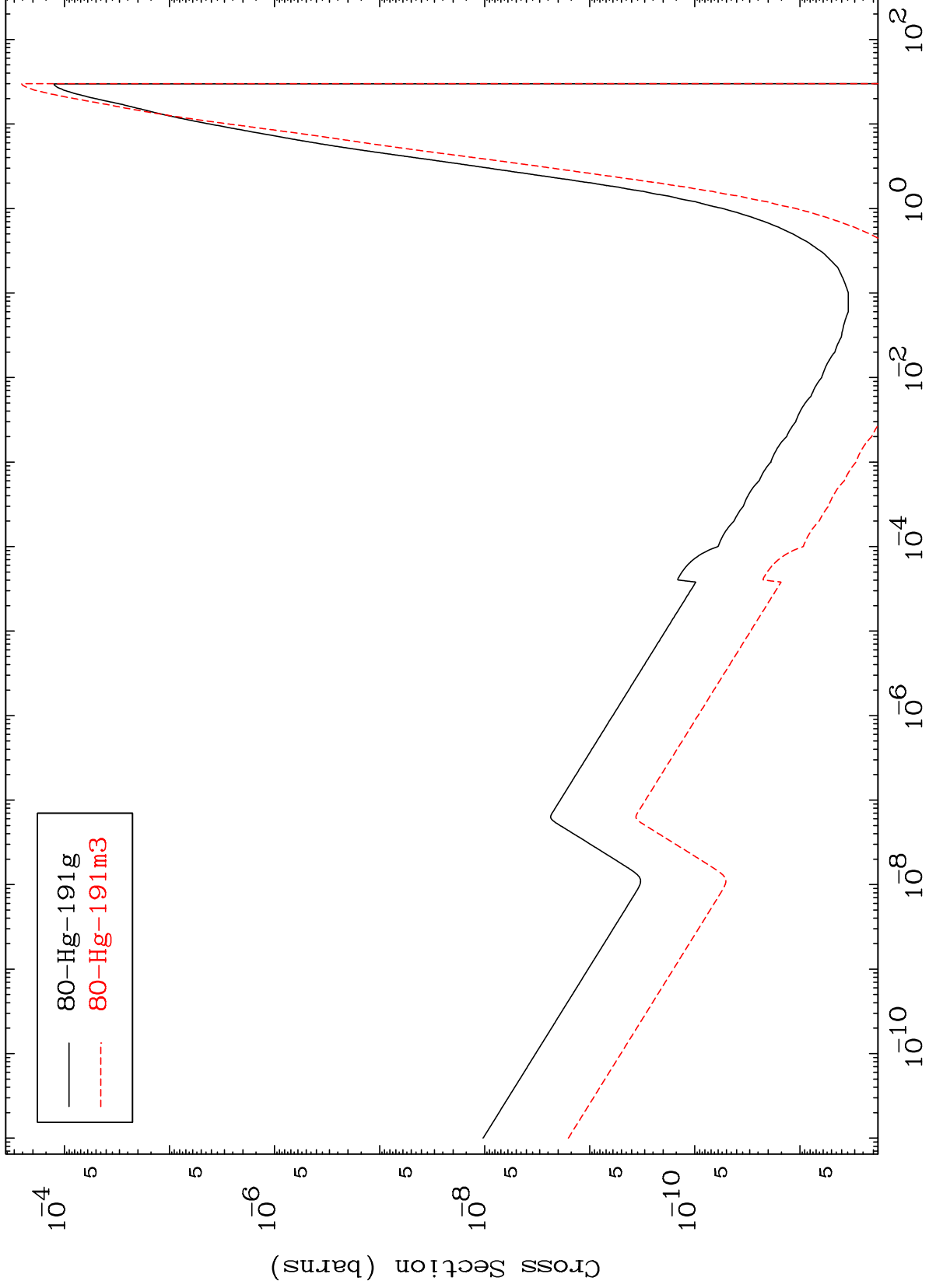
83-Bi-195

MAT 8283

(n,p) α

83-Bi-195

Radionuclide Production Cross Section



45

Incident Energy (MeV)

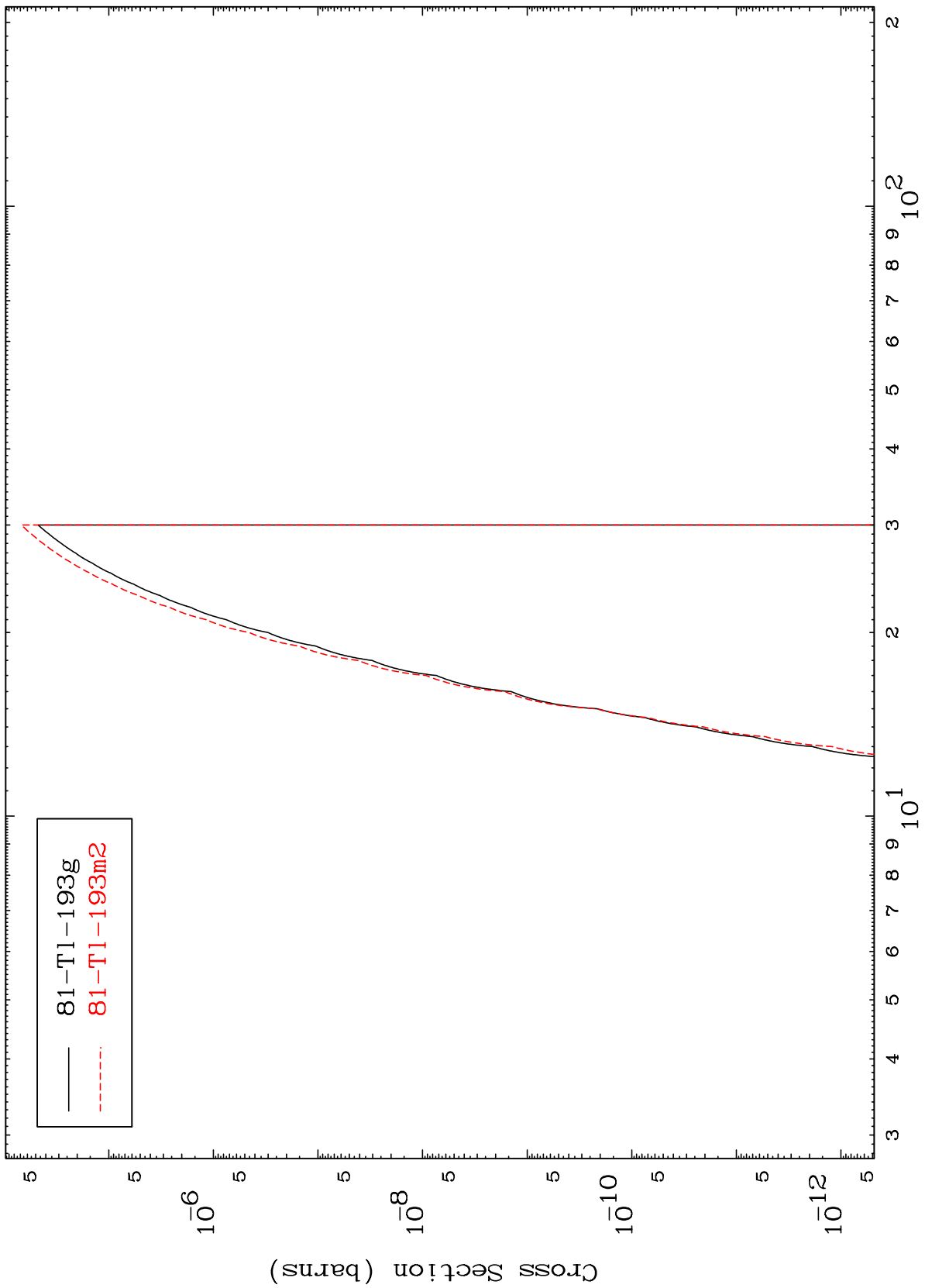
83-Bi-195

MAT 8283

(n,p) d

83-Bi-195

Radionuclide Production Cross Section



46

Incident Energy (MeV)

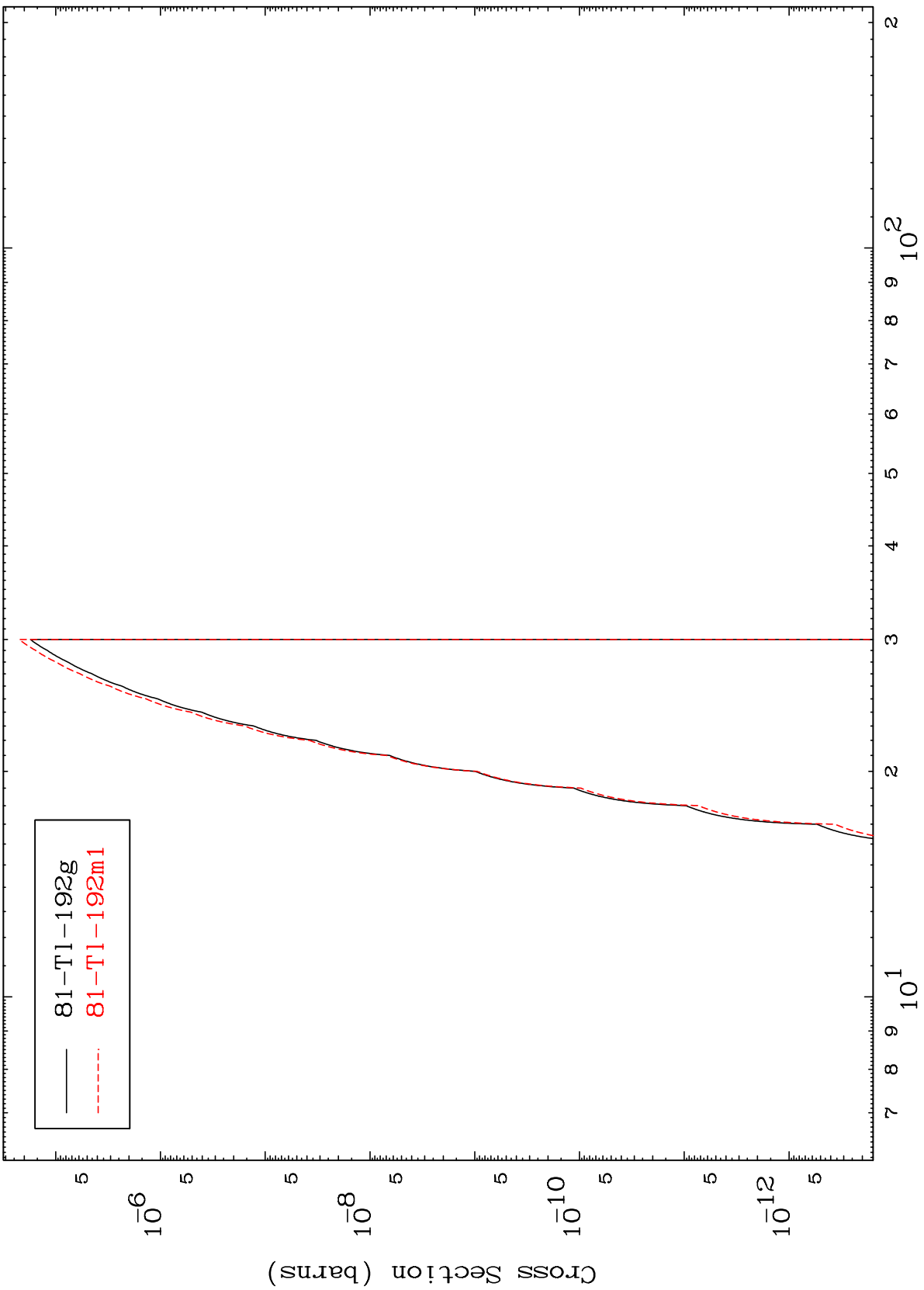
83-Bi-195

MAT 8283

(n,p) t

83-Bi-195

Radionuclide Production Cross Section



81-Tl-192g
81-Tl-192m1

47

Incident Energy (MeV)

83-Bi-195