

Program EVALPLOT
(Version 2017-1)

by

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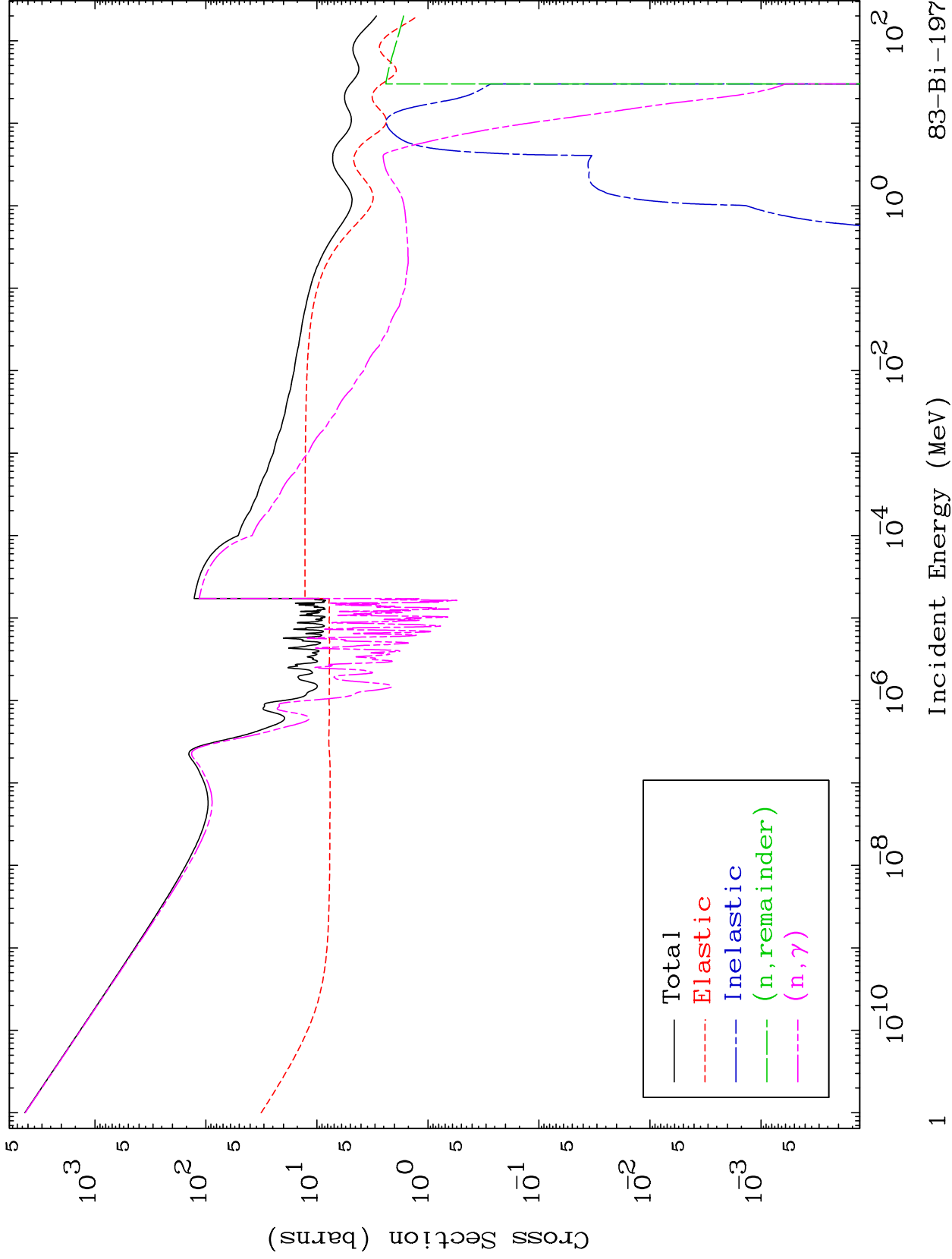
Press Mouse Button to Start

MAT 8289

Major

293 Kelvin Cross Sections

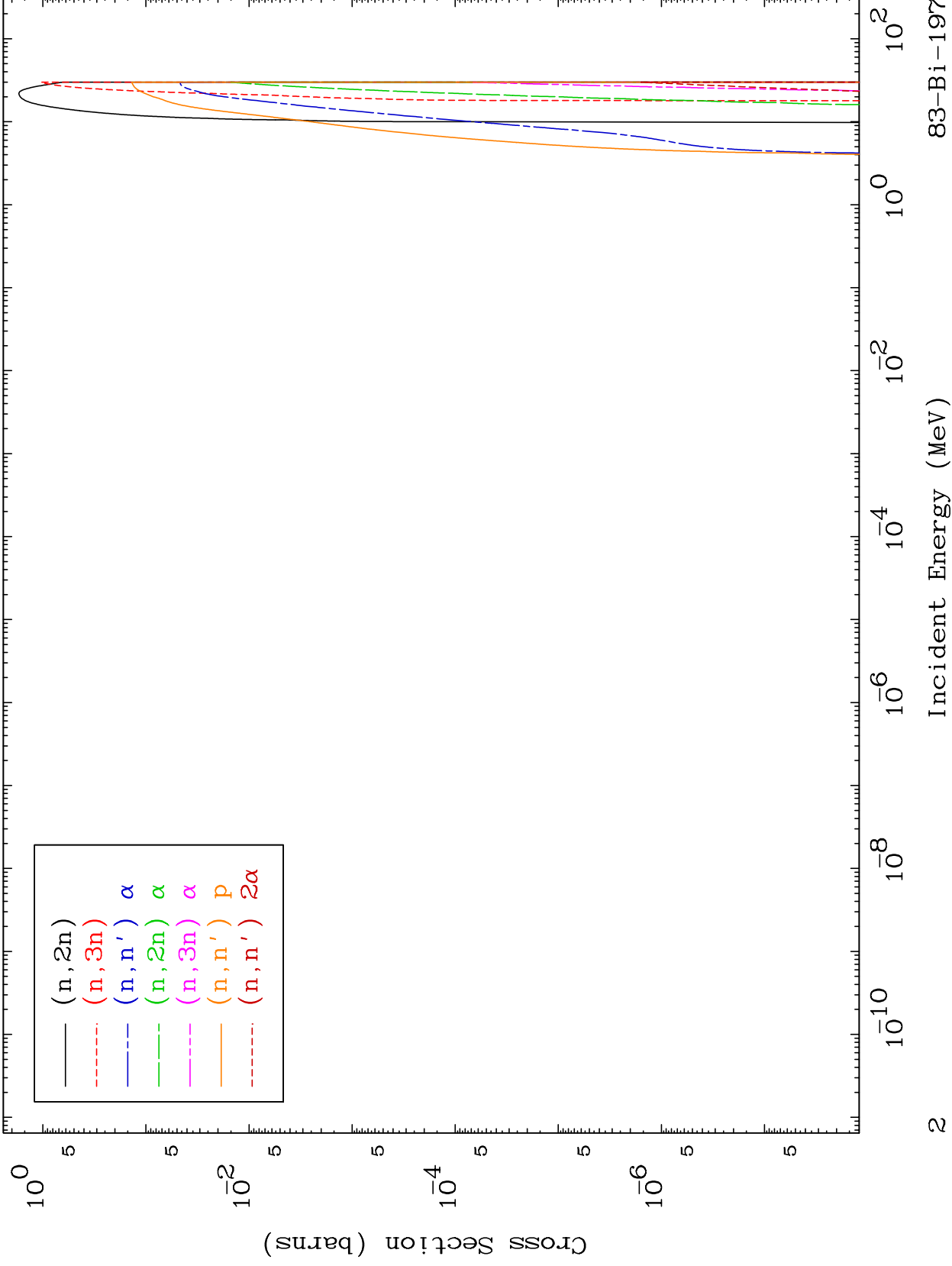
83-Bi-197

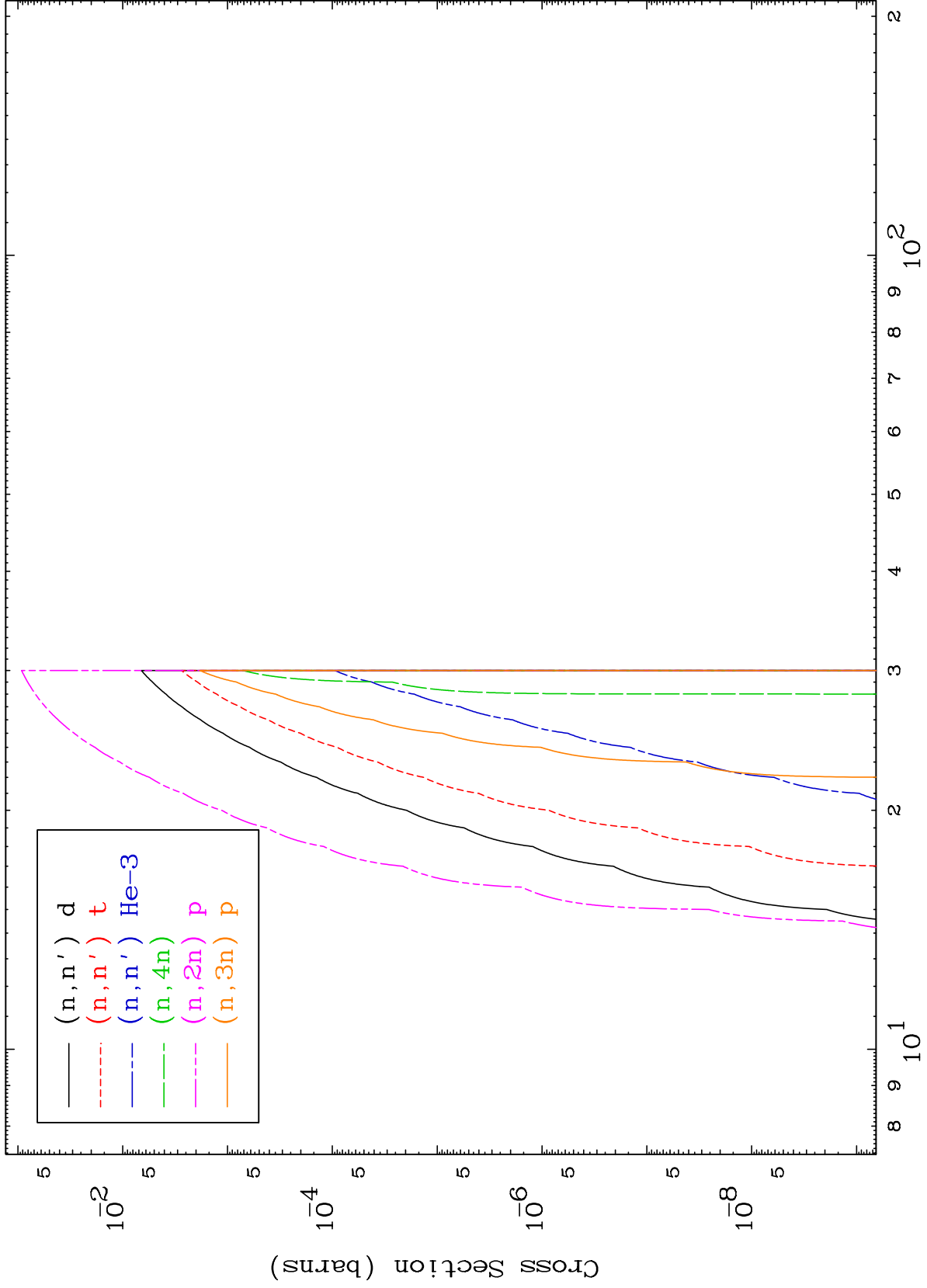


MAT 8289

Neutron Production
293 Kelvin Cross Sections

83-Bi-197

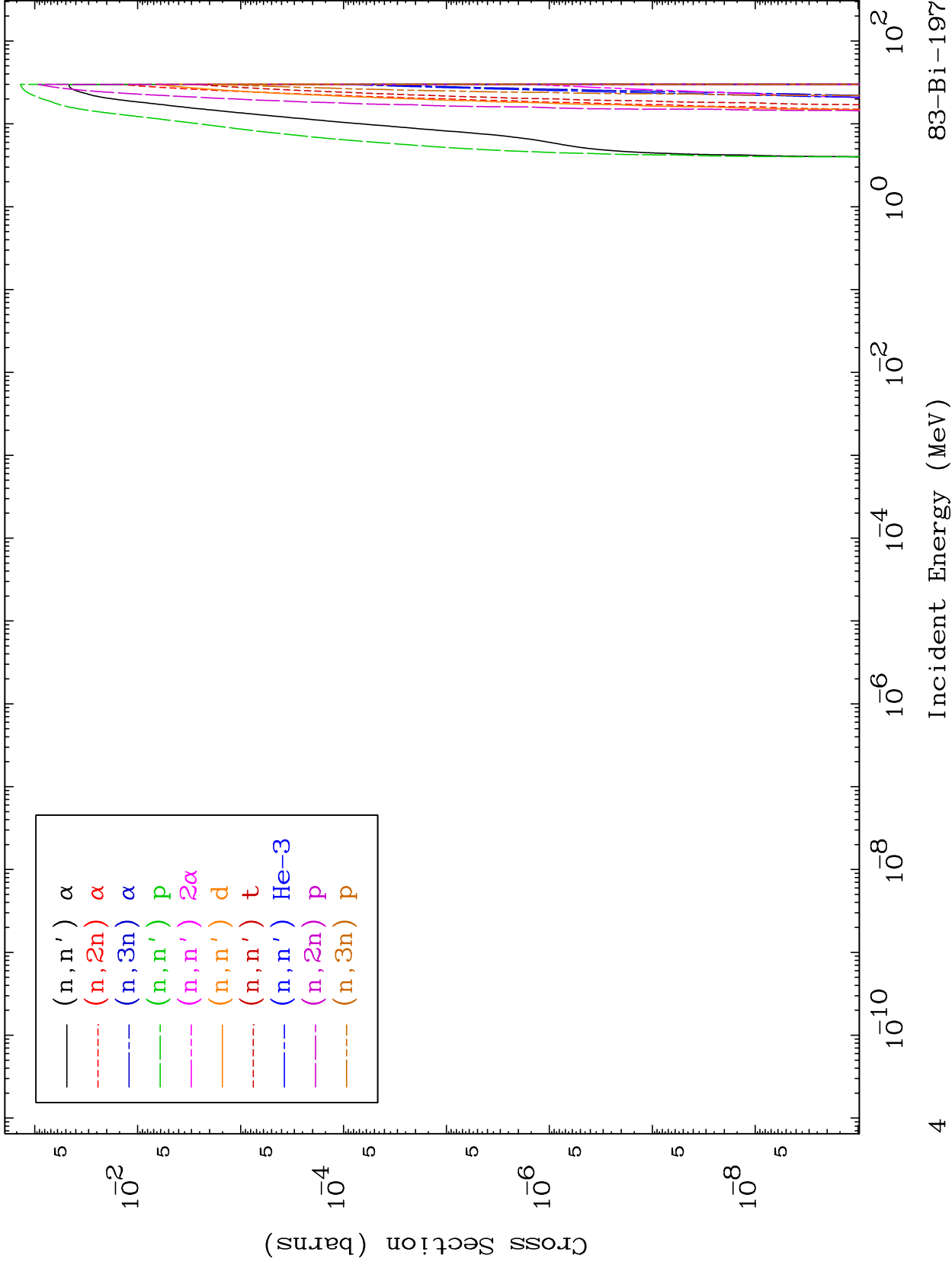




MAT 8289

Charged Particle
293 Kelvin Cross Sections

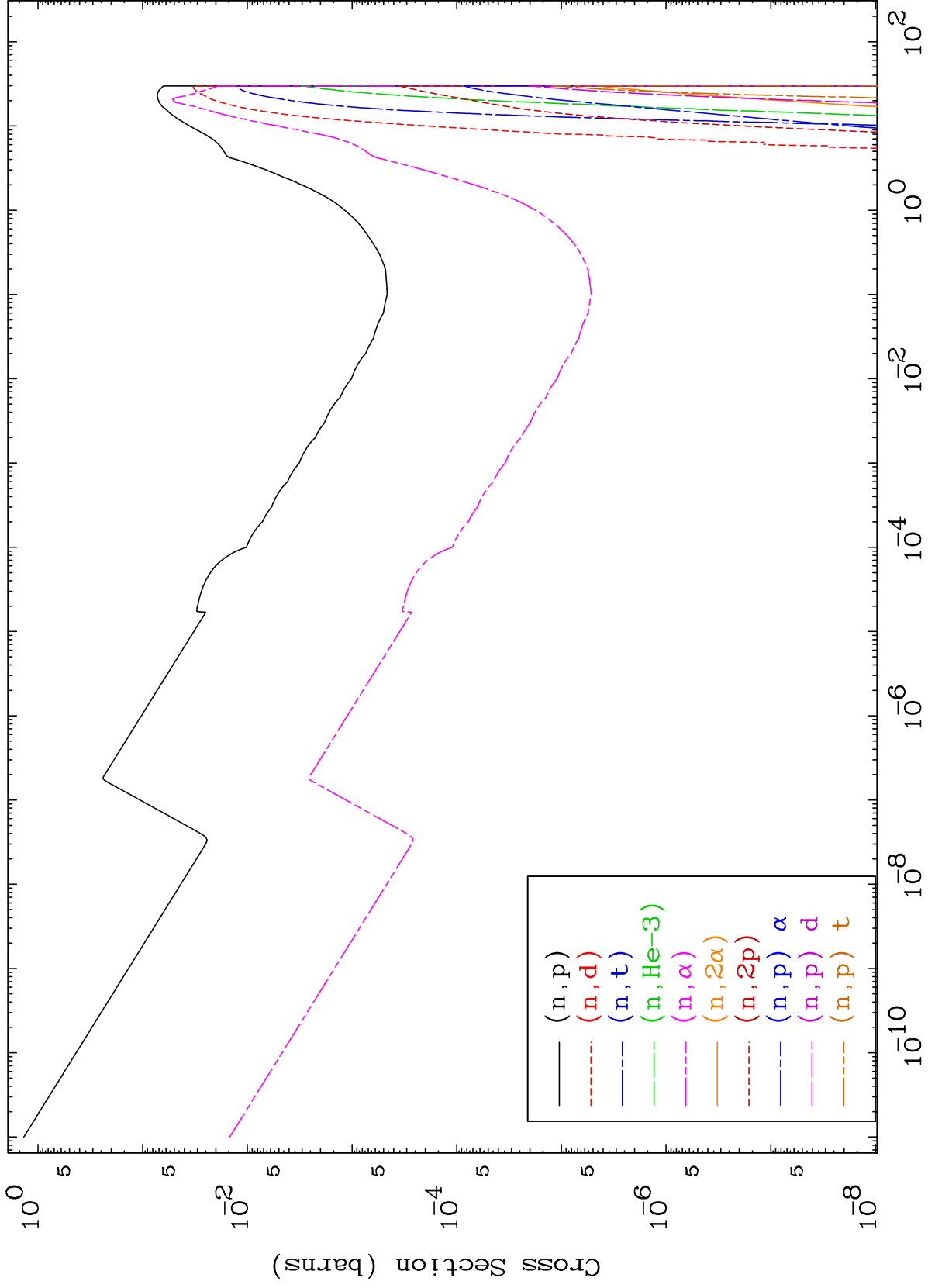
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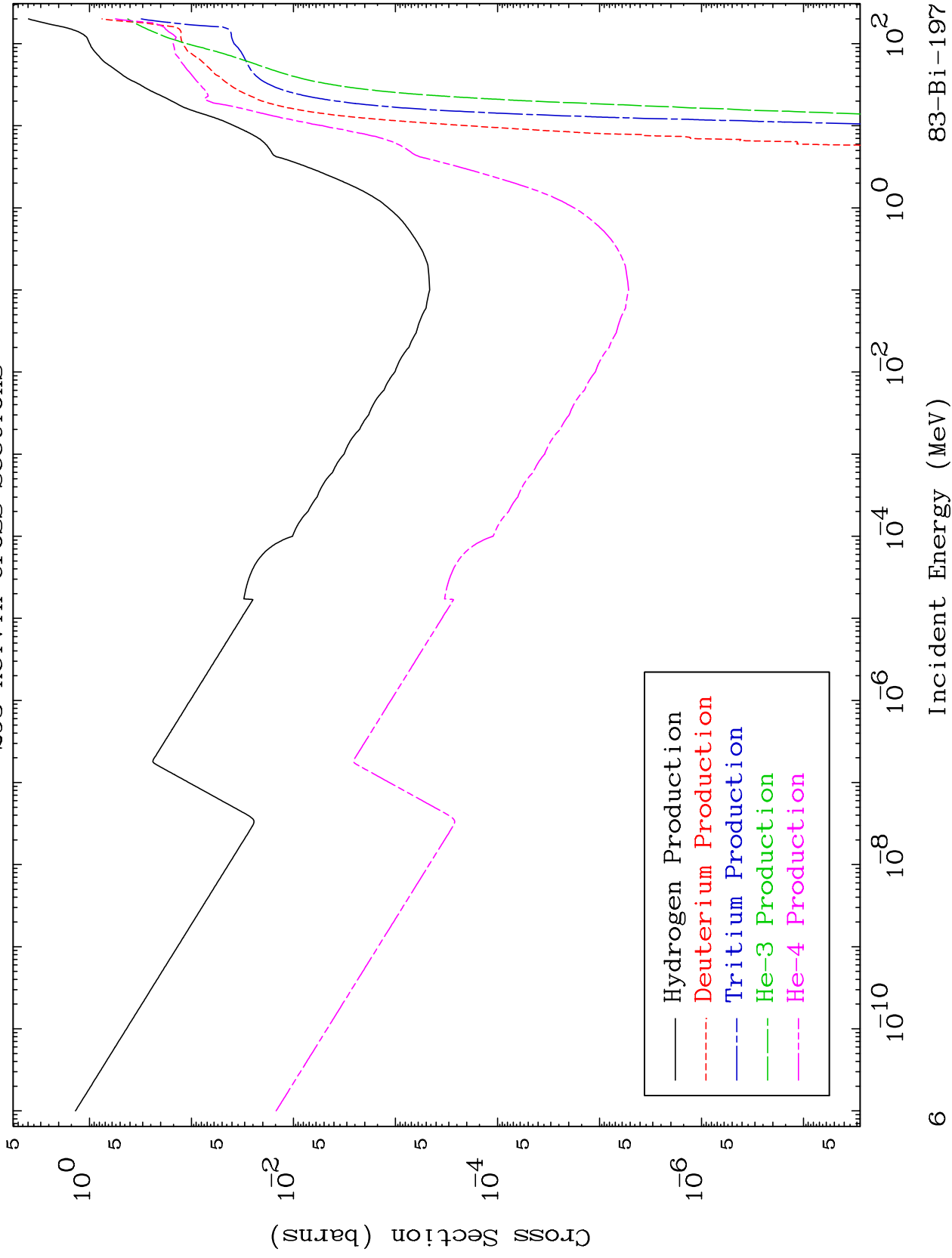


MAT 8289

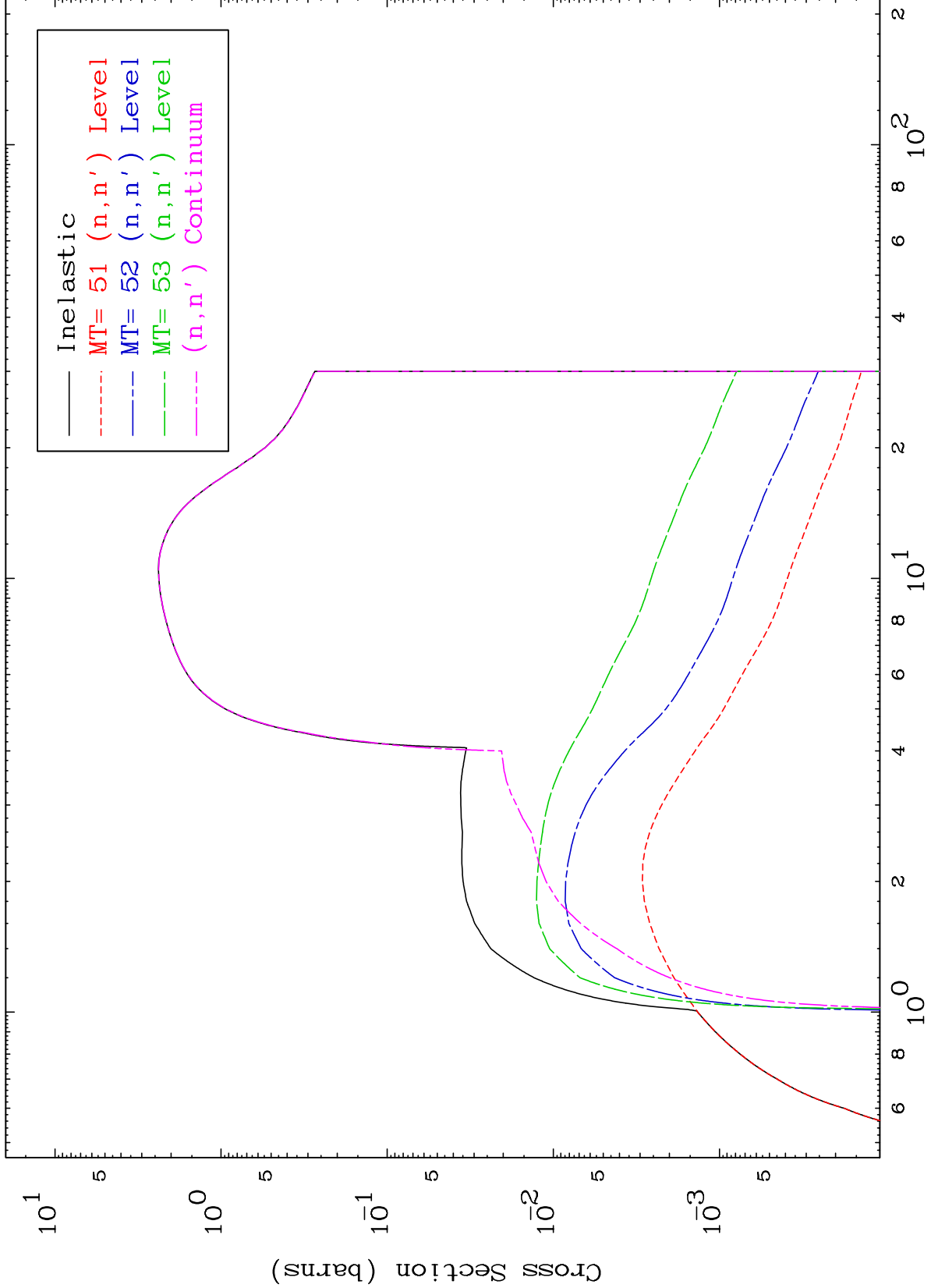
Charged Particle
293 Kelvin Cross Sections

83-Bi-197





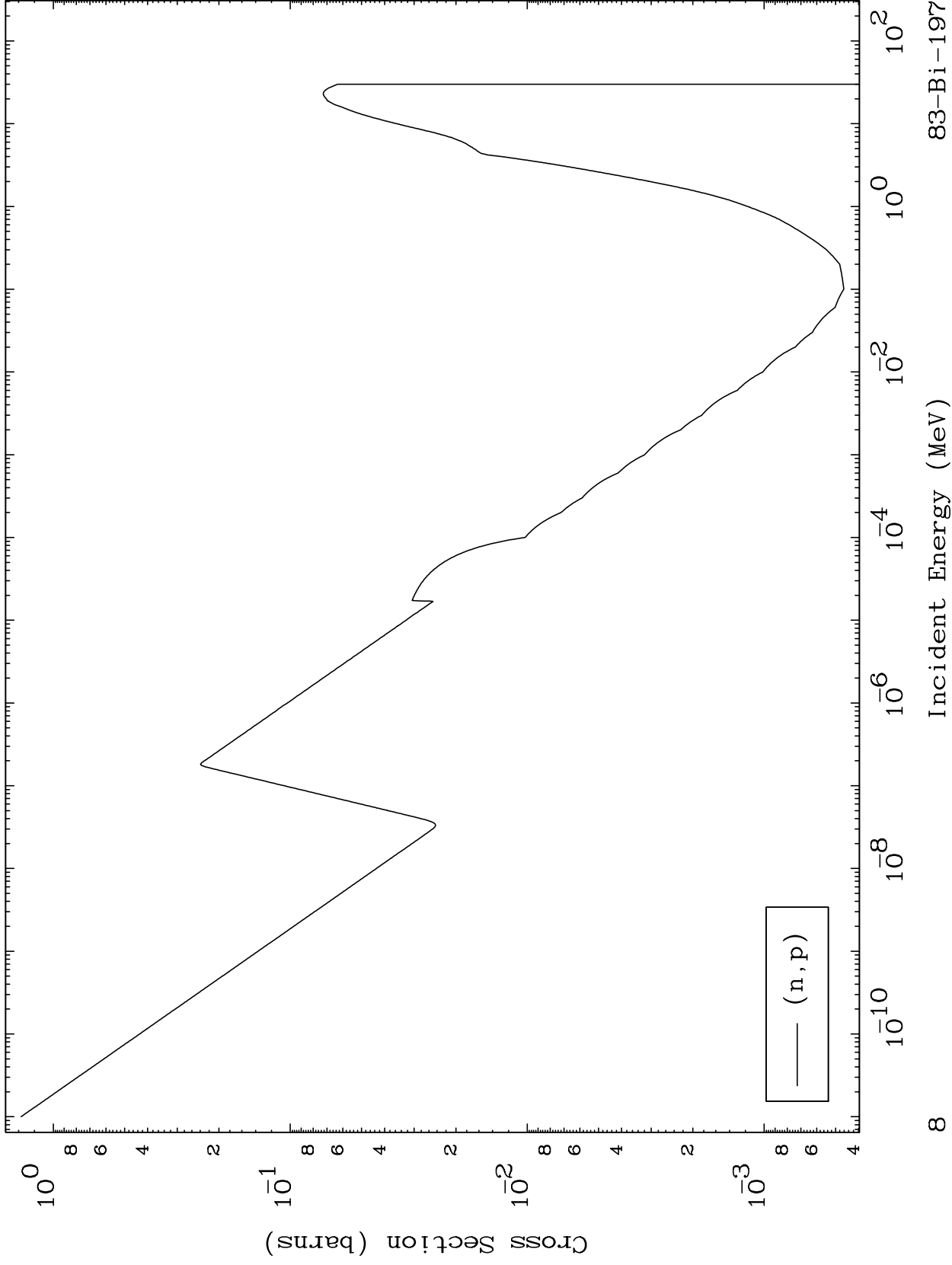
293 Kelvin Cross Sections



MAT 8289

(n,p) Levels
293 Kelvin Cross Sections

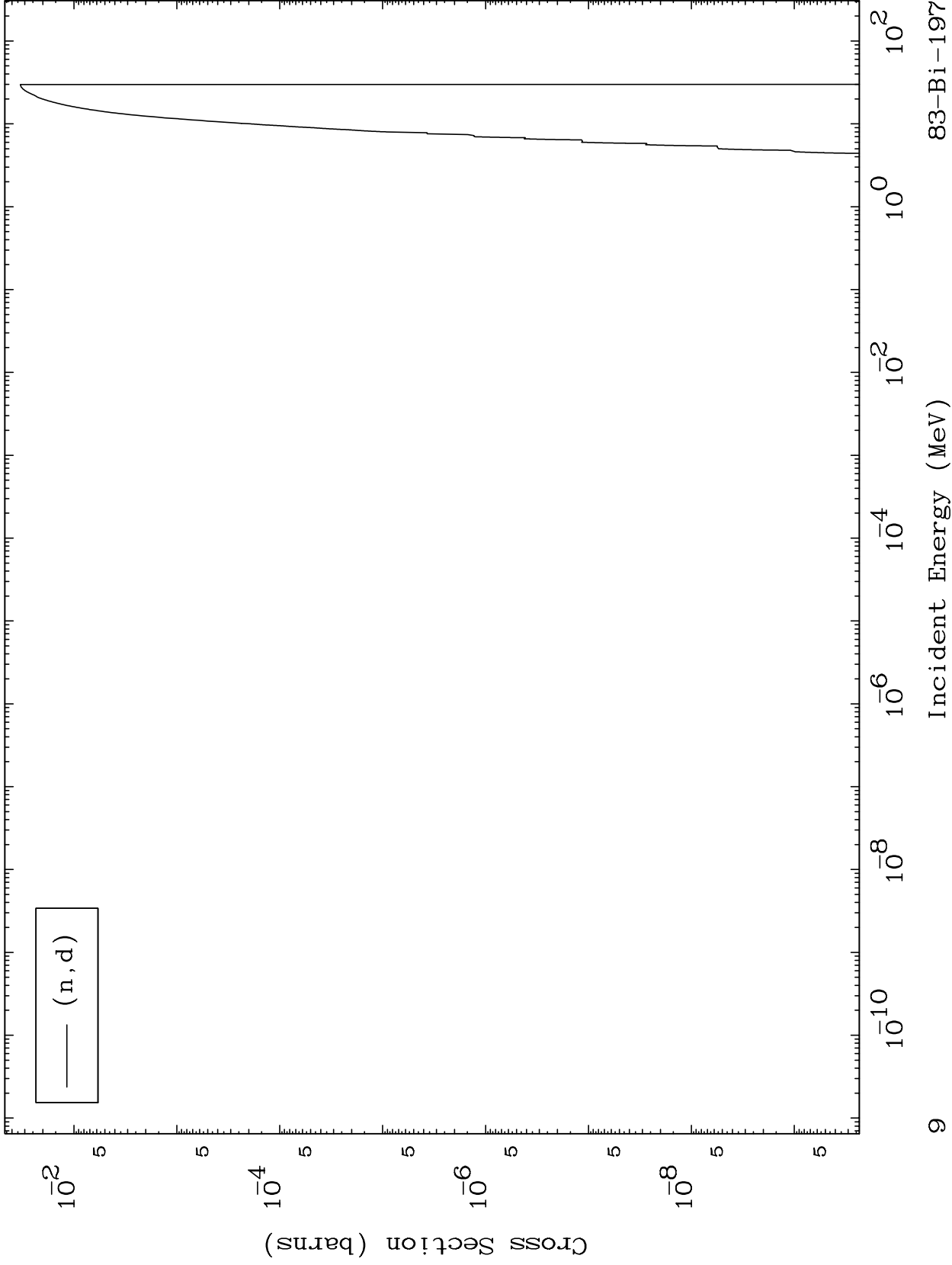
83-Bi-197



MAT 8289

(n,d) Levels
293 Kelvin Cross Sections

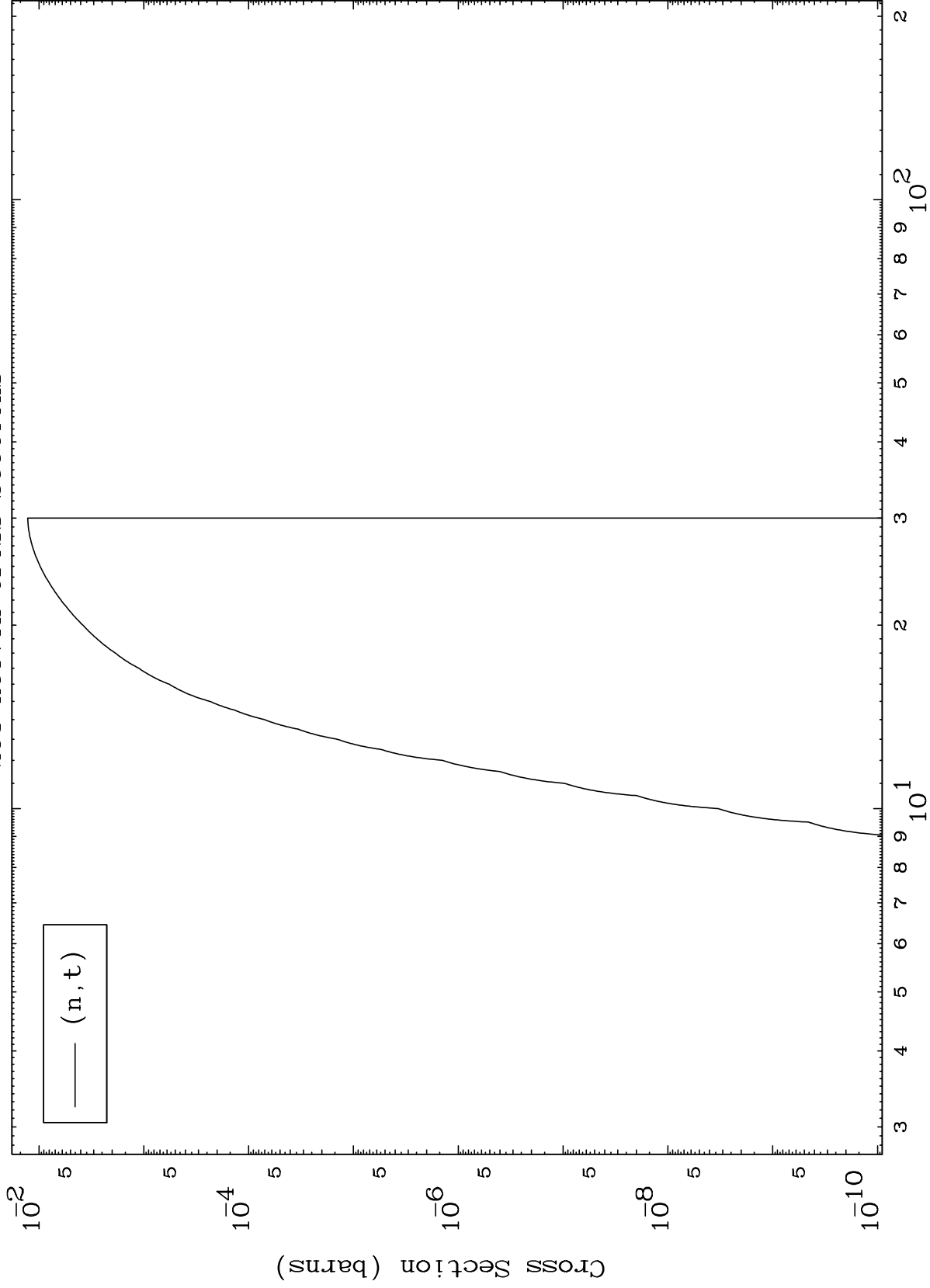
83-Bi-197



MAT 8289

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-197



10

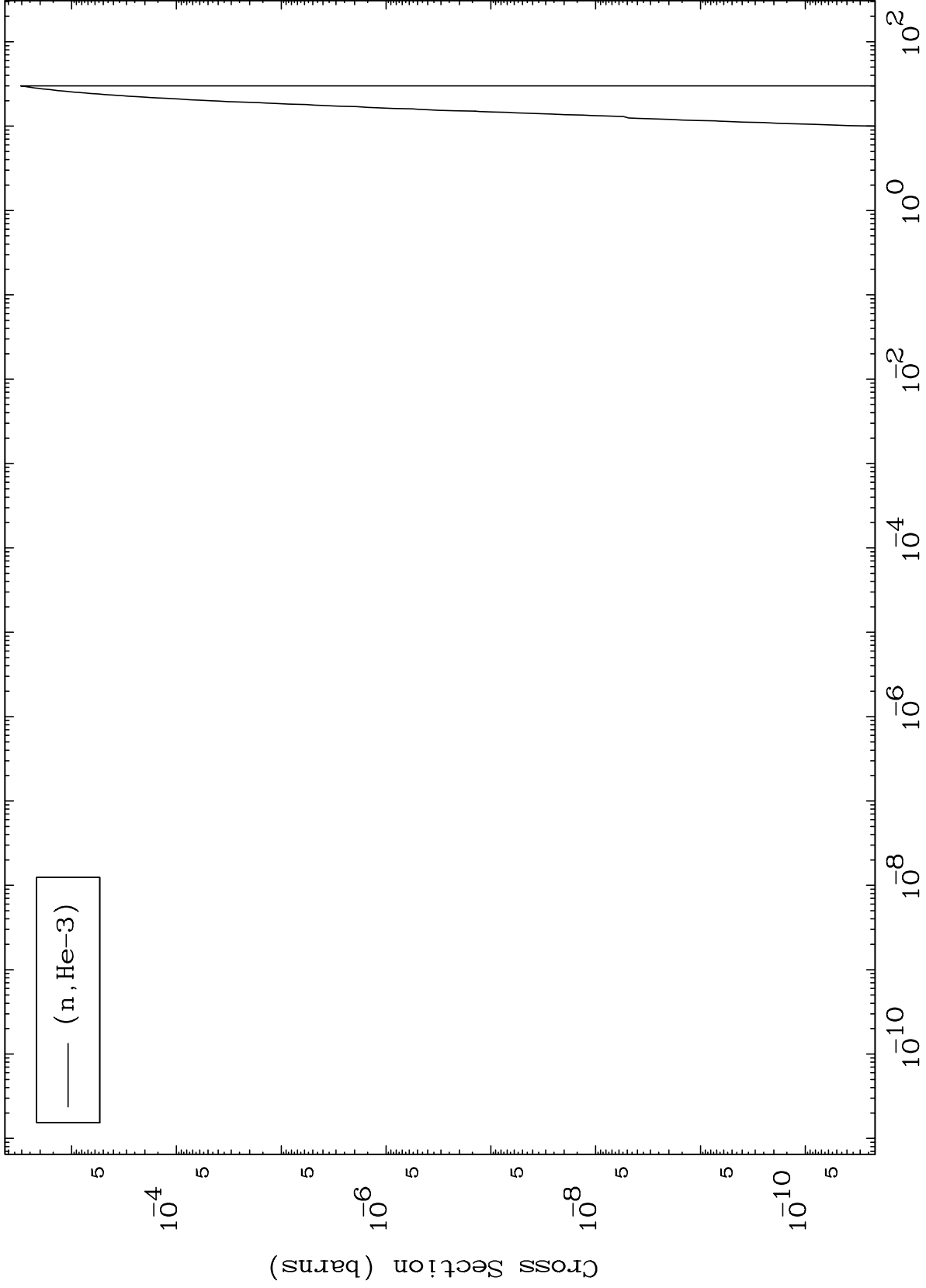
Incident Energy (MeV)

83-Bi-197

MAT 8289

(n,He3) Levels
293 Kelvin Cross Sections

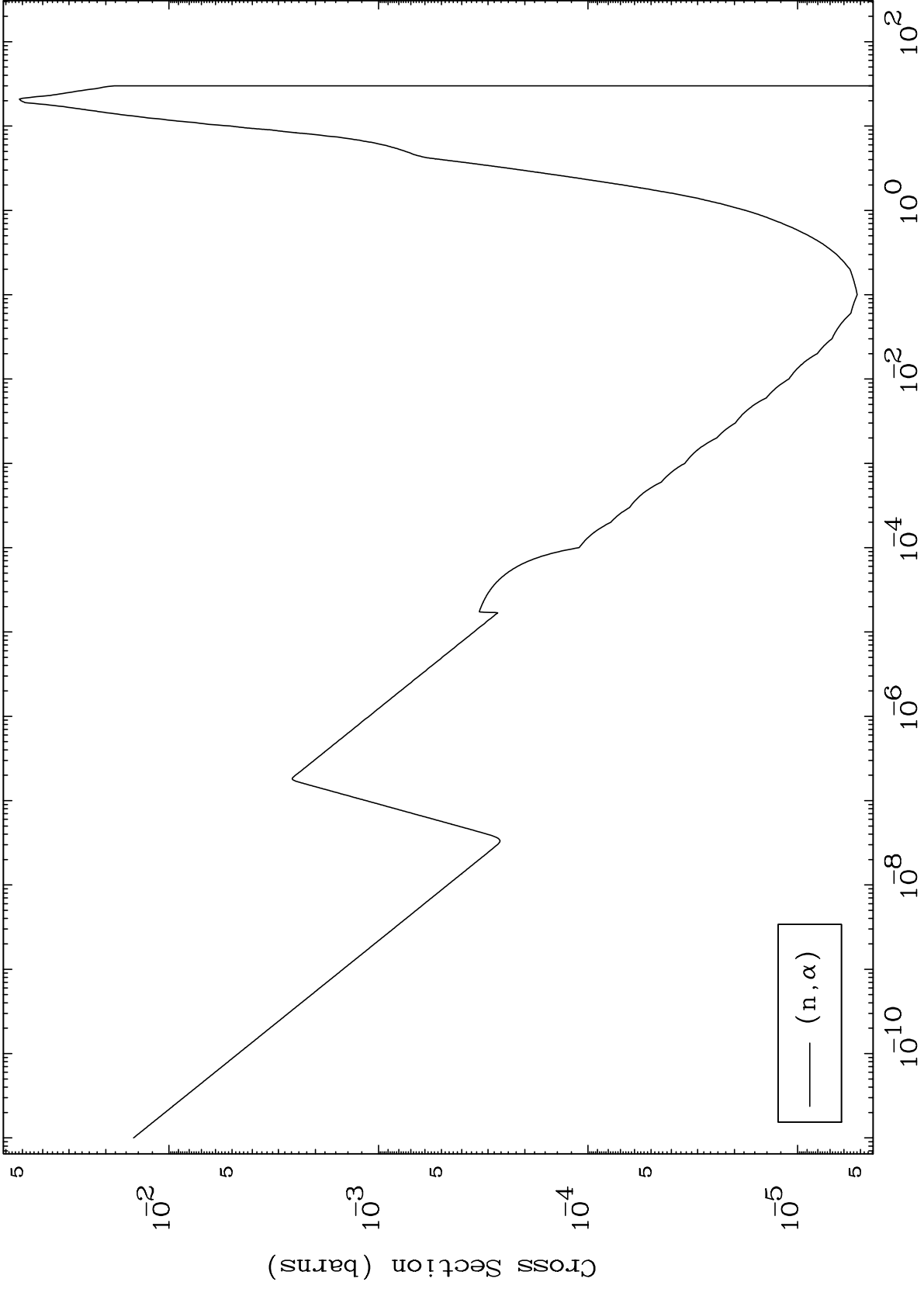
83-Bi-197



MAT 8289

(n, α) Levels
293 Kelvin Cross Sections

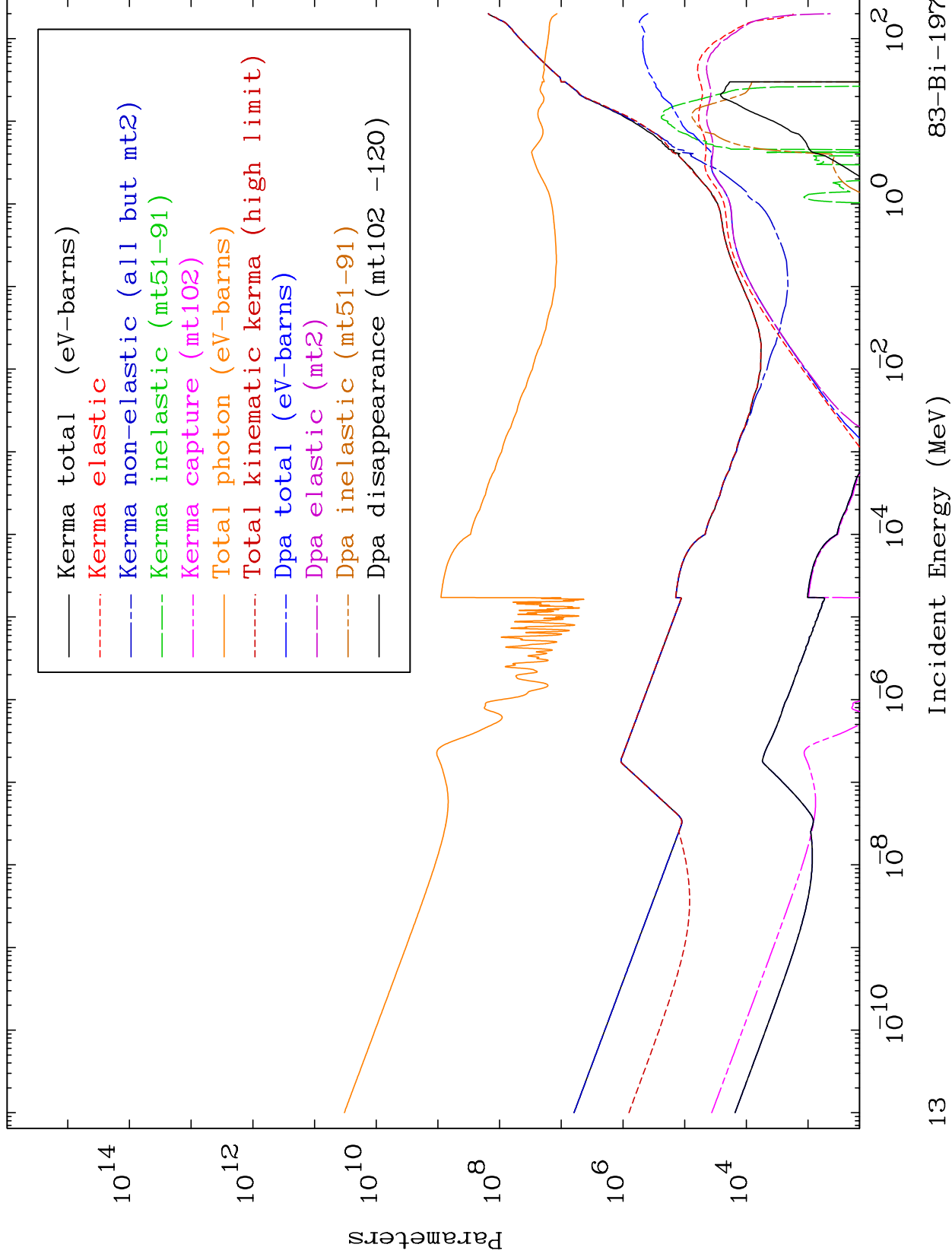
83-Bi-197



12

Incident Energy (MeV)

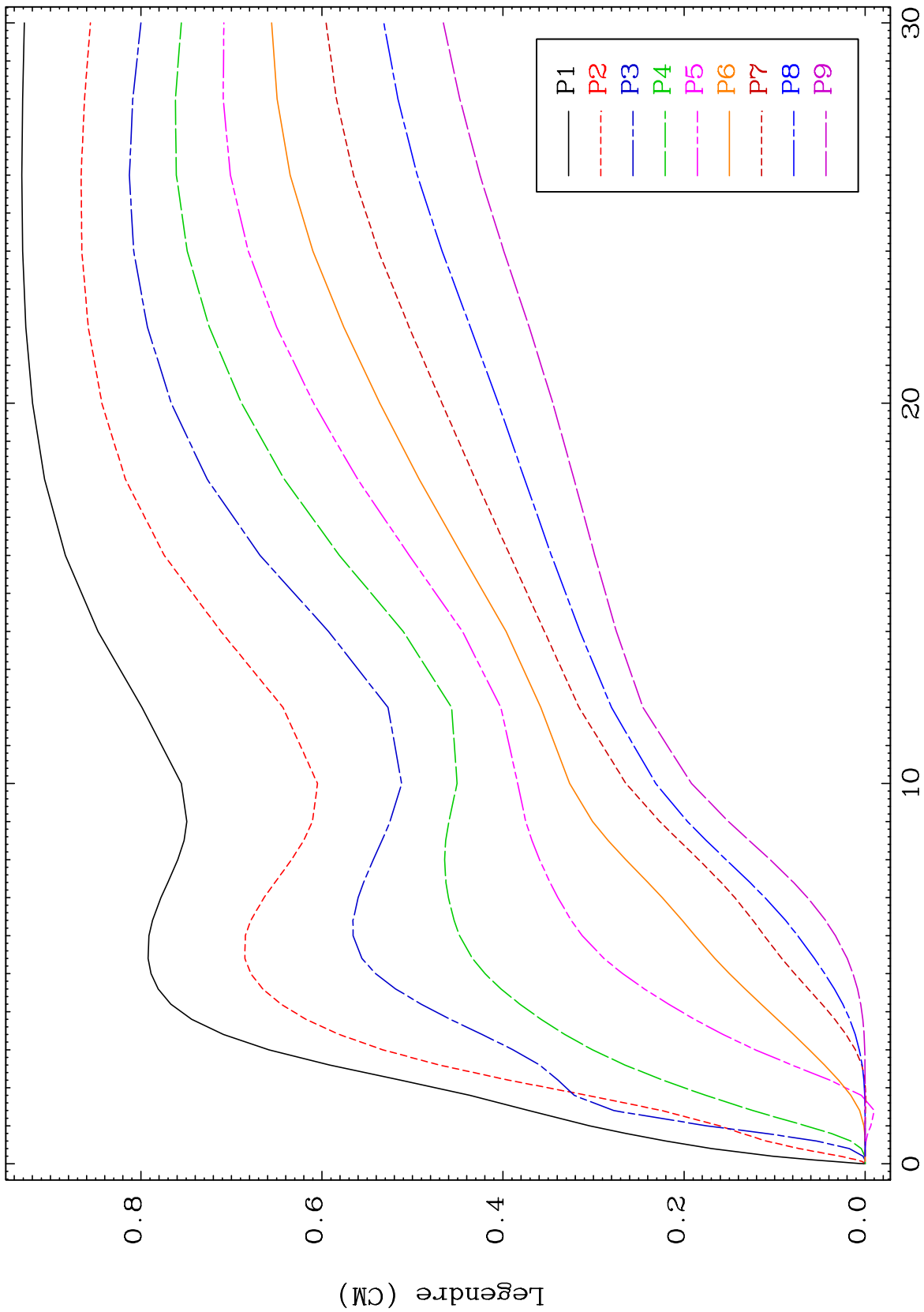
83-Bi-197



MAT 8289

83-Bi-197

Elastic Legendre Coefficients



83-Bi-197

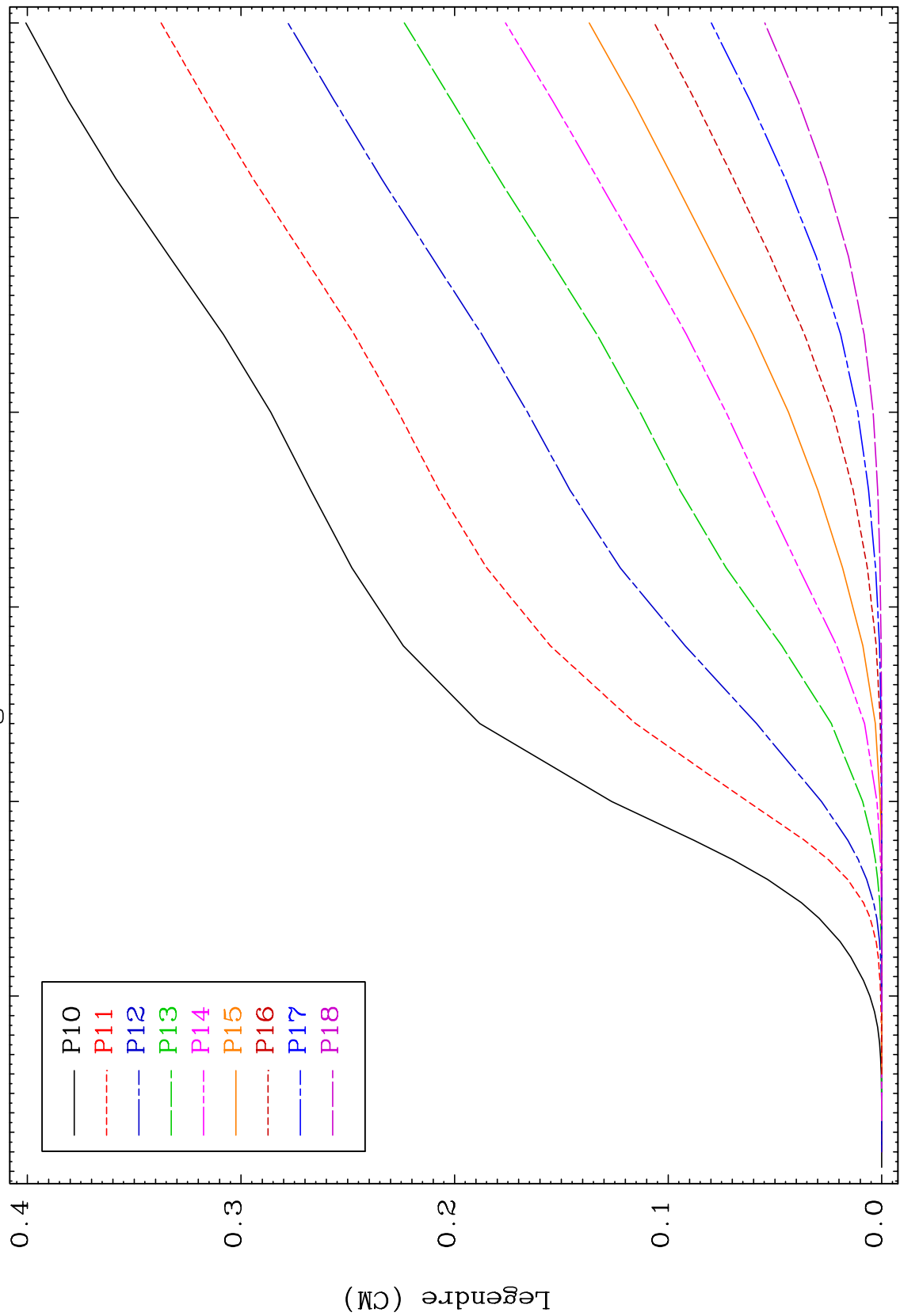
Incident Energy (MeV)

14

MAT 8289

Elastic Legendre Coefficients

⁸³Bi-197



15

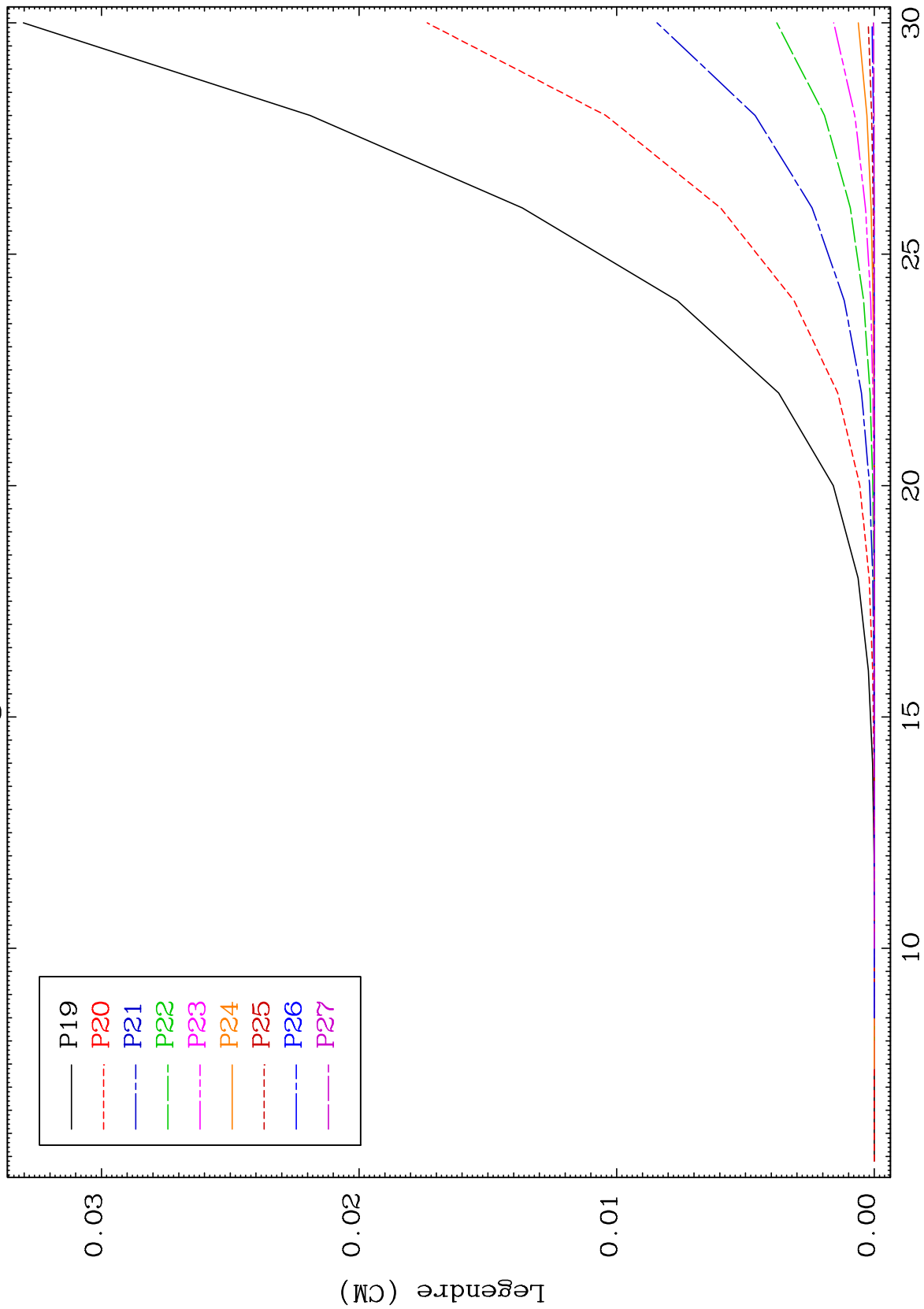
Incident Energy (MeV)

⁸³Bi-197

MAT 8289

Elastic Legendre Coefficients

83-Bi-197



16

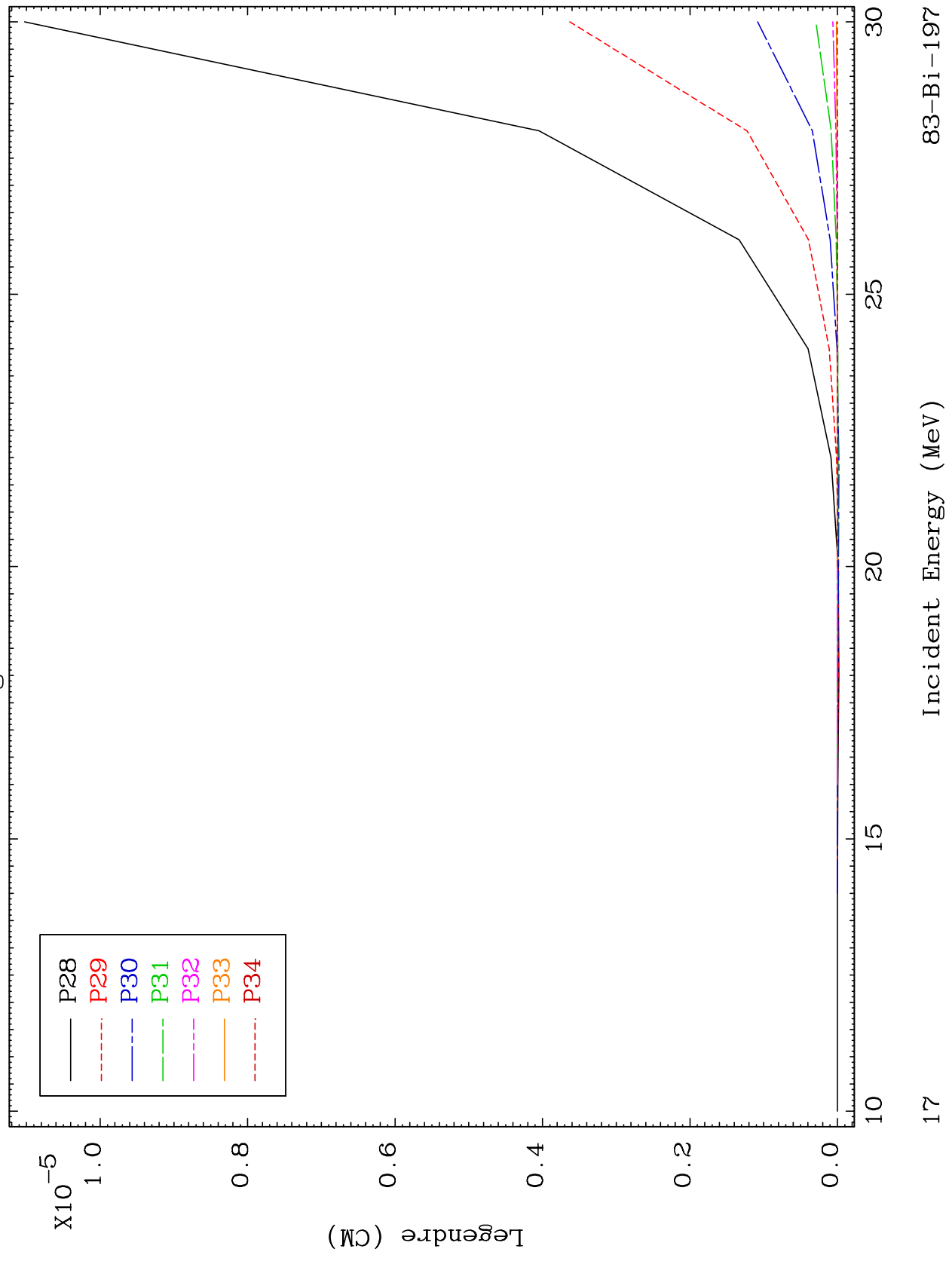
Incident Energy (MeV)

83-Bi-197

MAT 8289

Elastic Legendre Coefficients

83-Bi-197



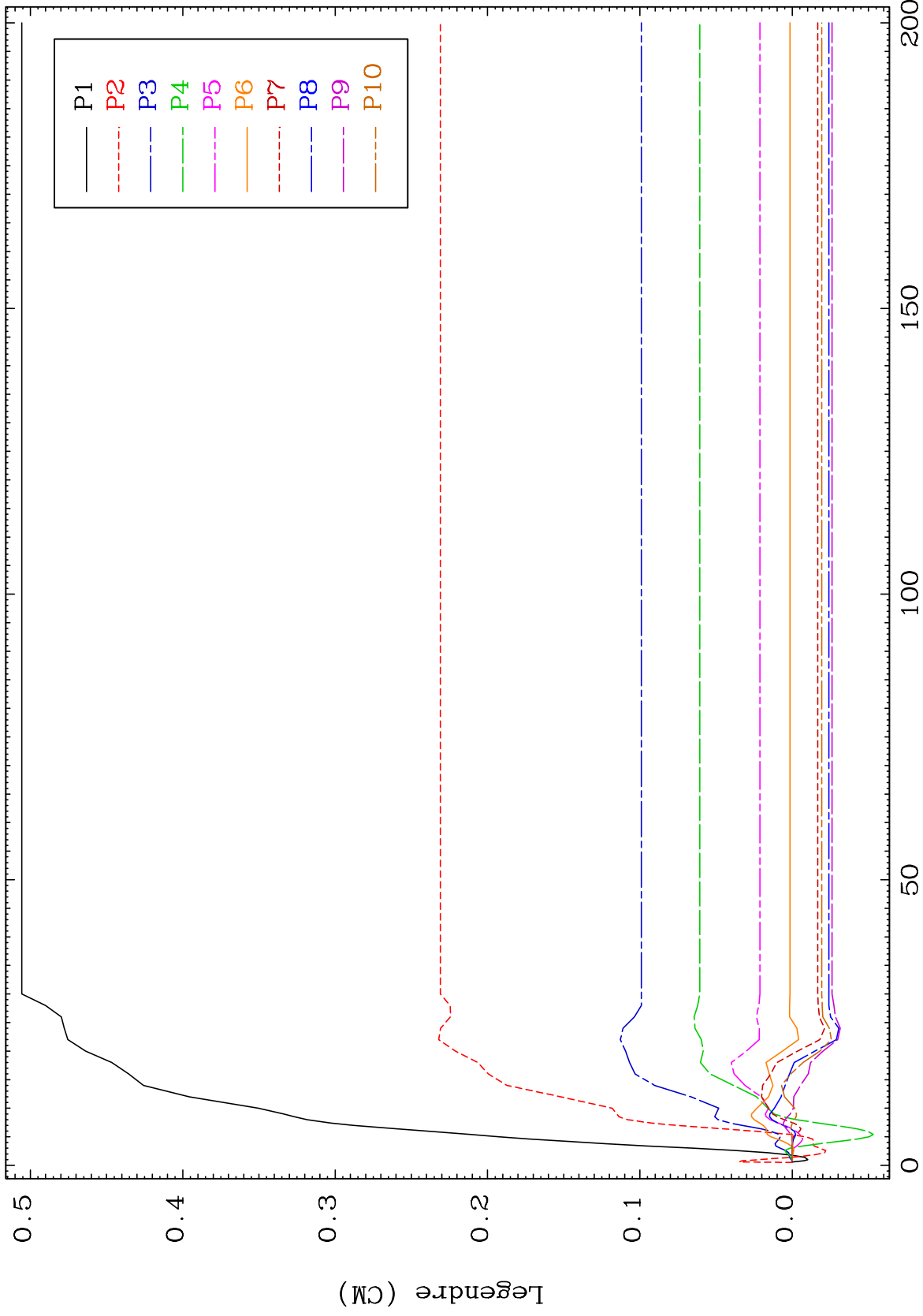
17

83-Bi-197

MAT 8289

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

83-Bi-197



18

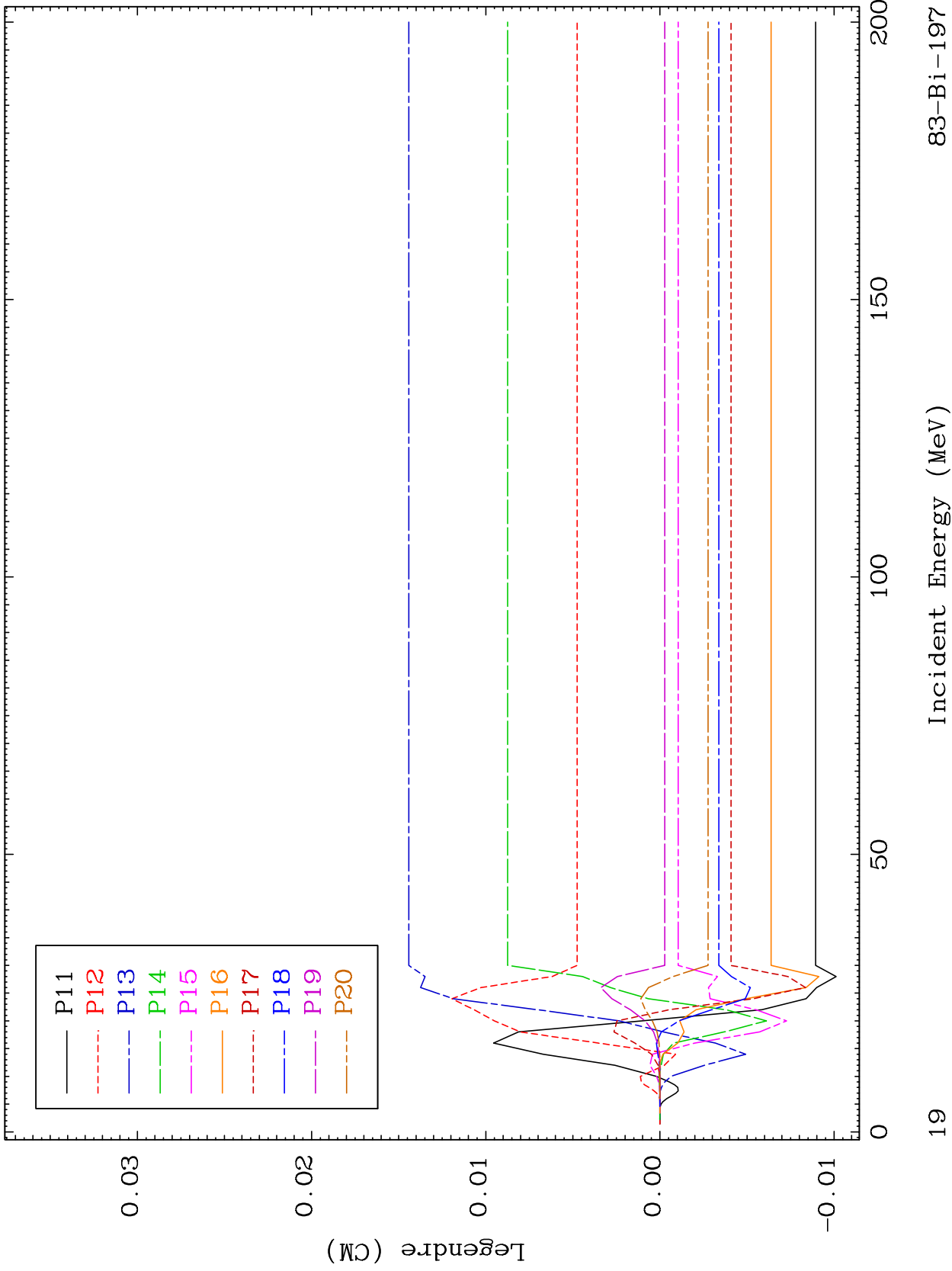
Incident Energy (MeV)

83-Bi-197

MAT 8289

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

83-Bi-197



19

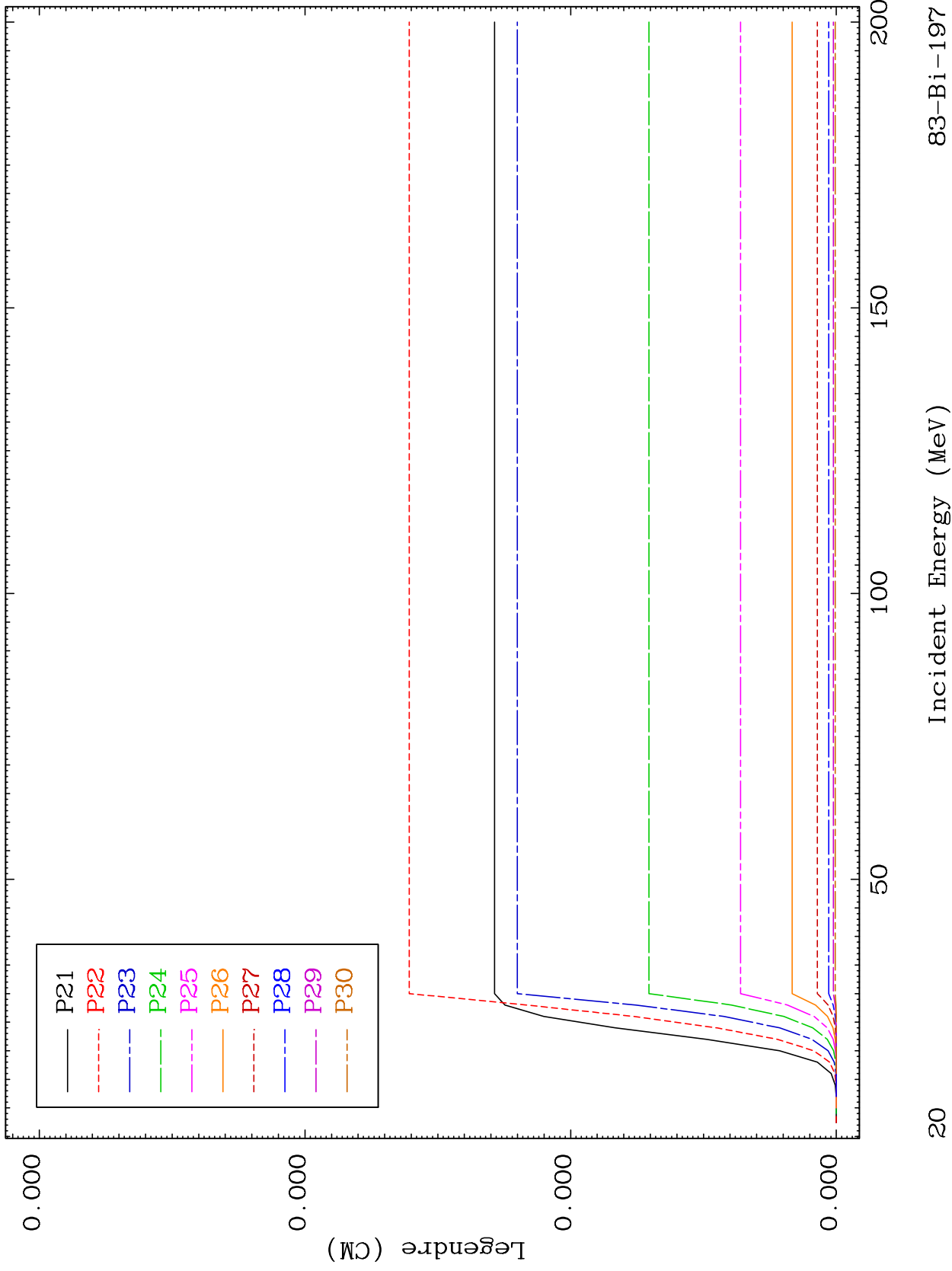
Incident Energy (MeV)

83-Bi-197

MAT 8289

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

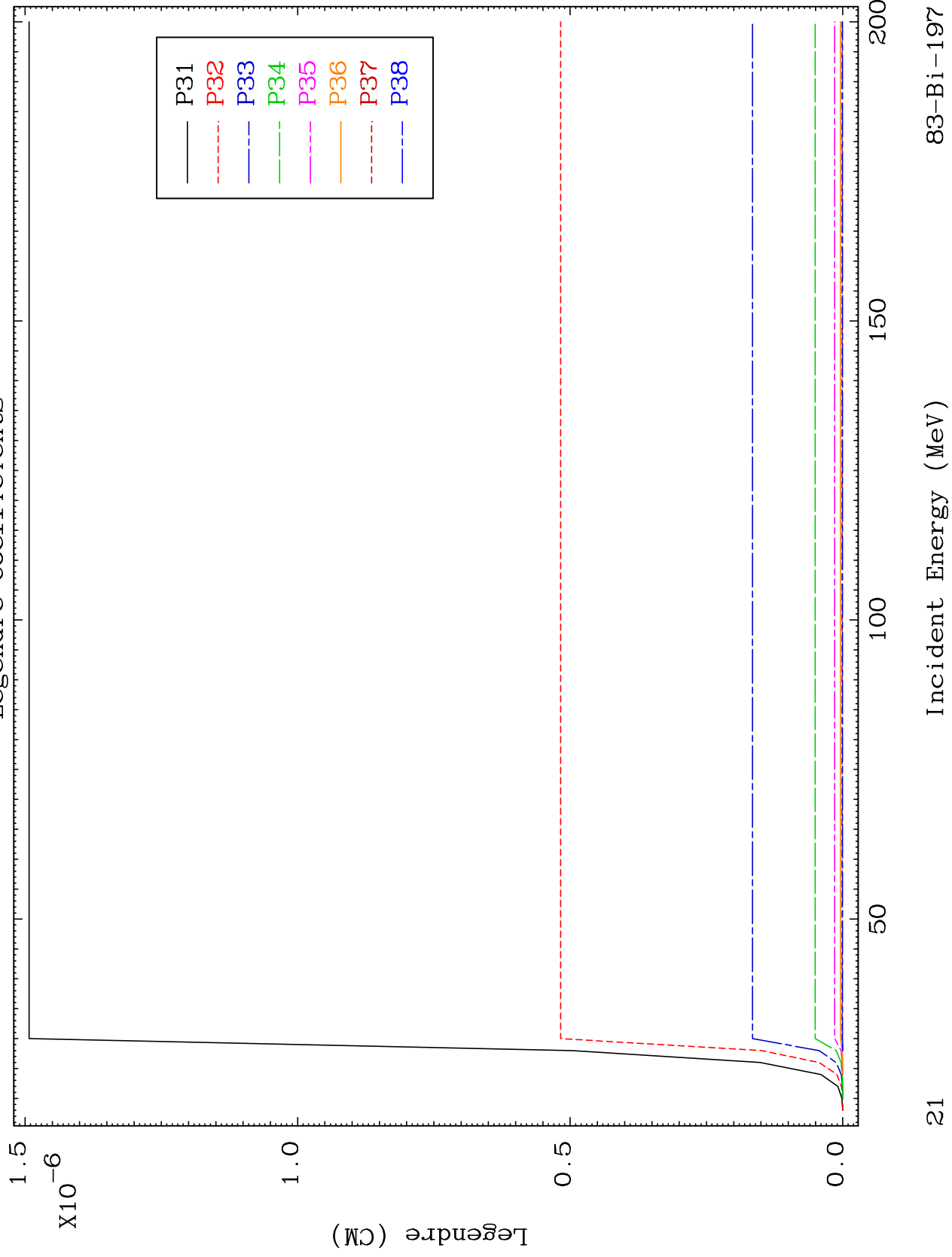
83-Bi-197



MAT 8289

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

83-Bi-197



21

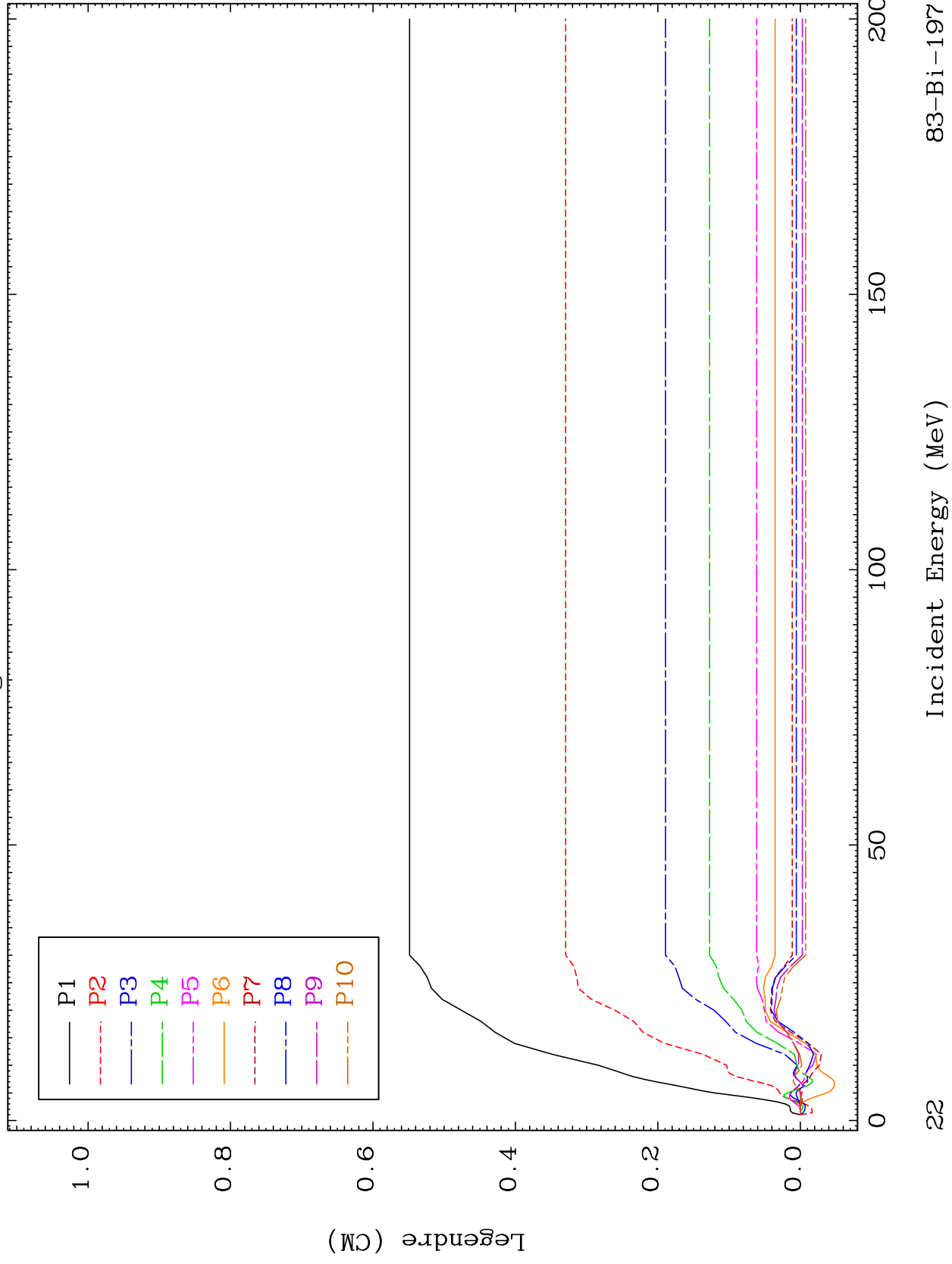
Incident Energy (MeV)

83-Bi-197

MAT 8289

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

83-Bi-197



22

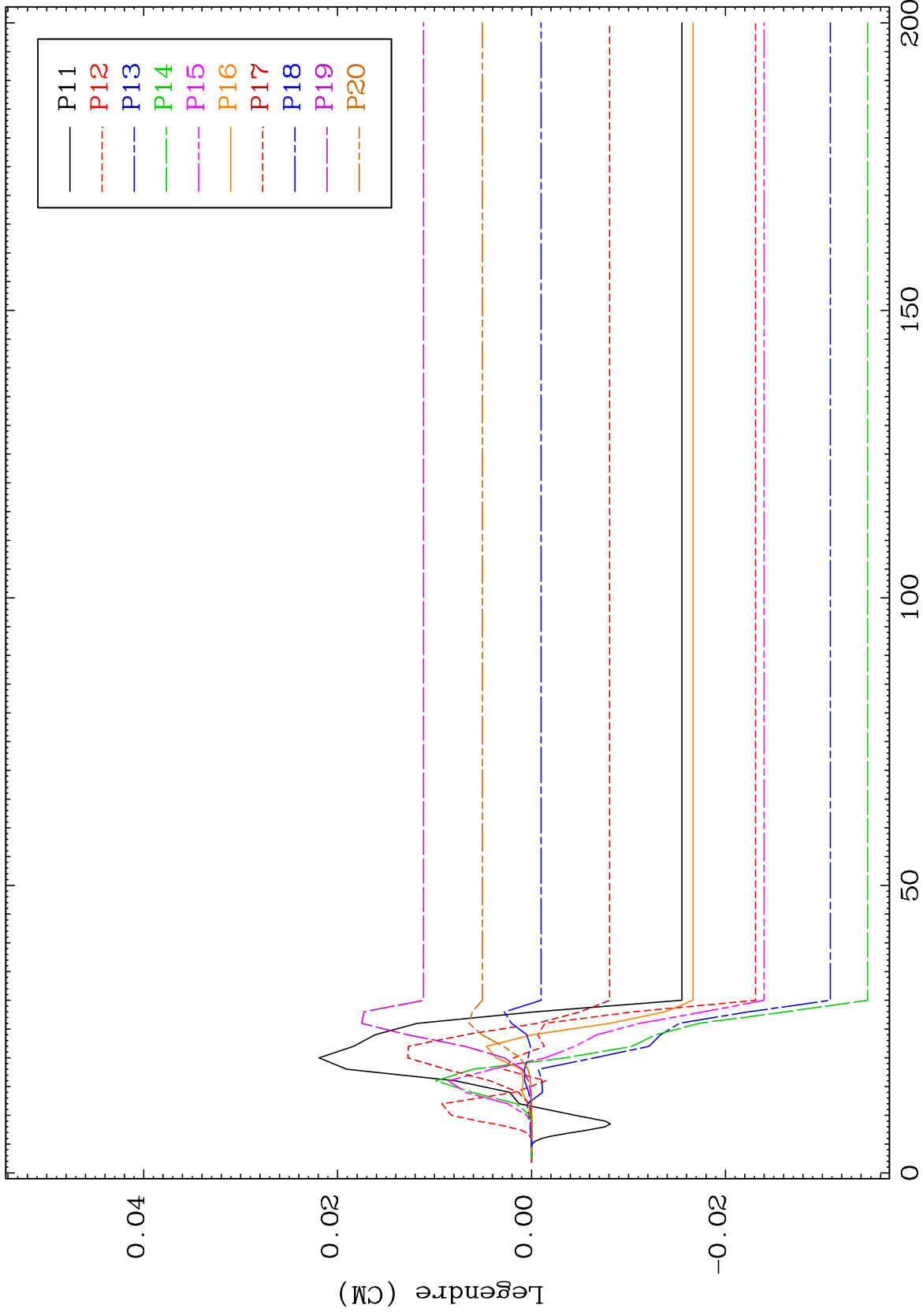
Incident Energy (MeV)

83-Bi-197

MAT 8289

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

83-Bi-197



23

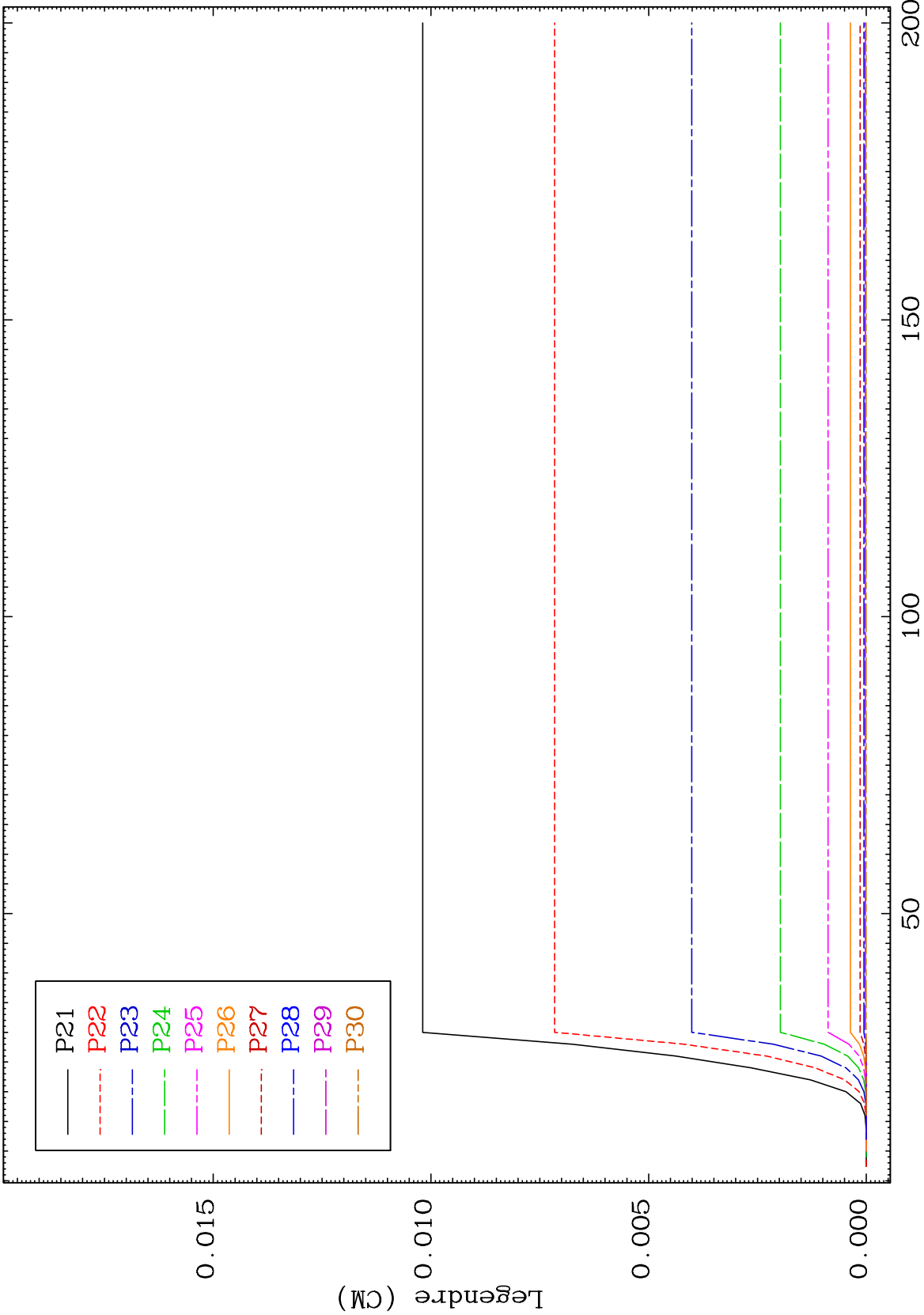
Incident Energy (MeV)

83-Bi-197

MAT 8289

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

83-Bi-197



24

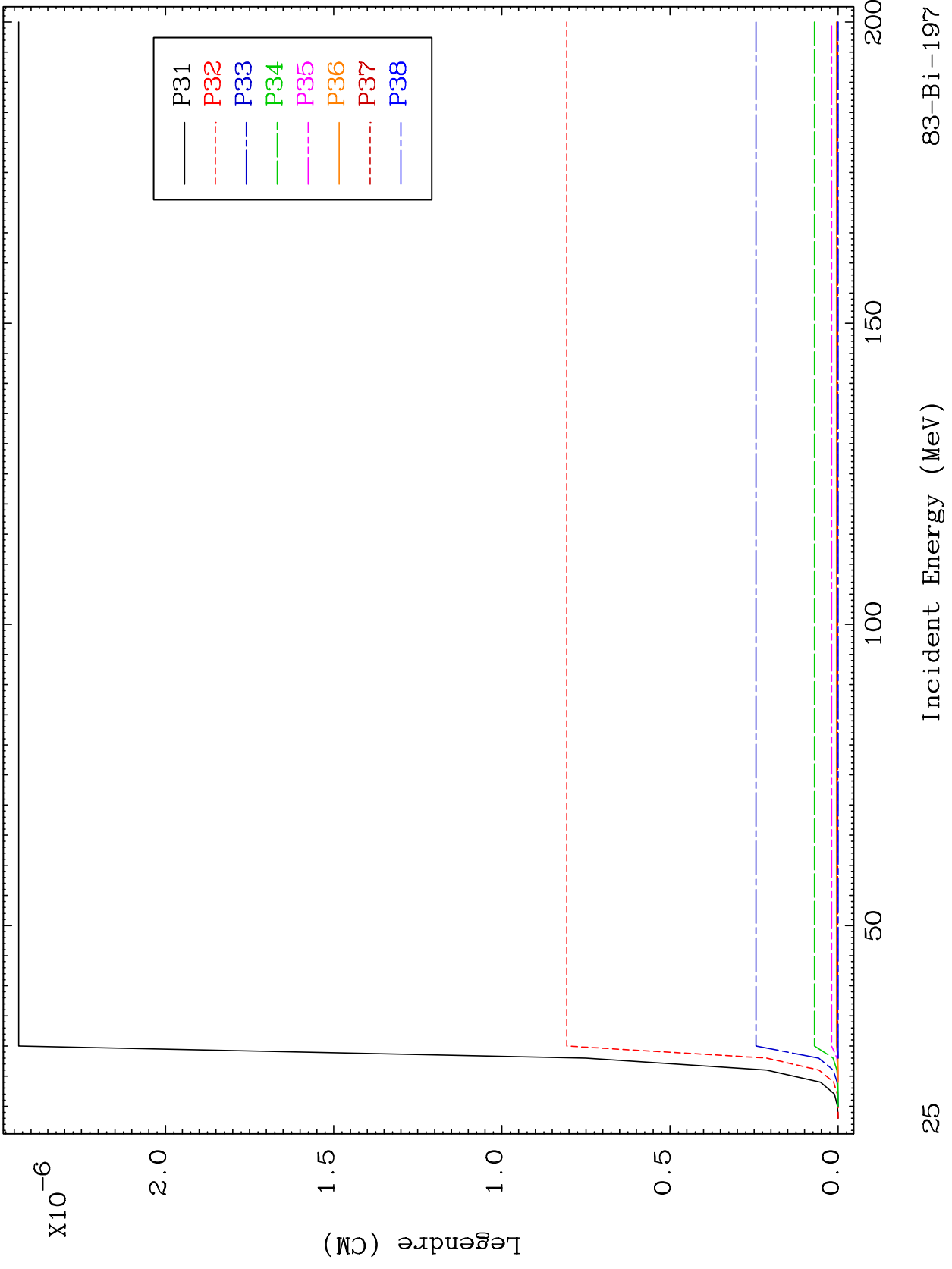
Incident Energy (MeV)

83-Bi-197

MAT 8289

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

83-Bi-197



25

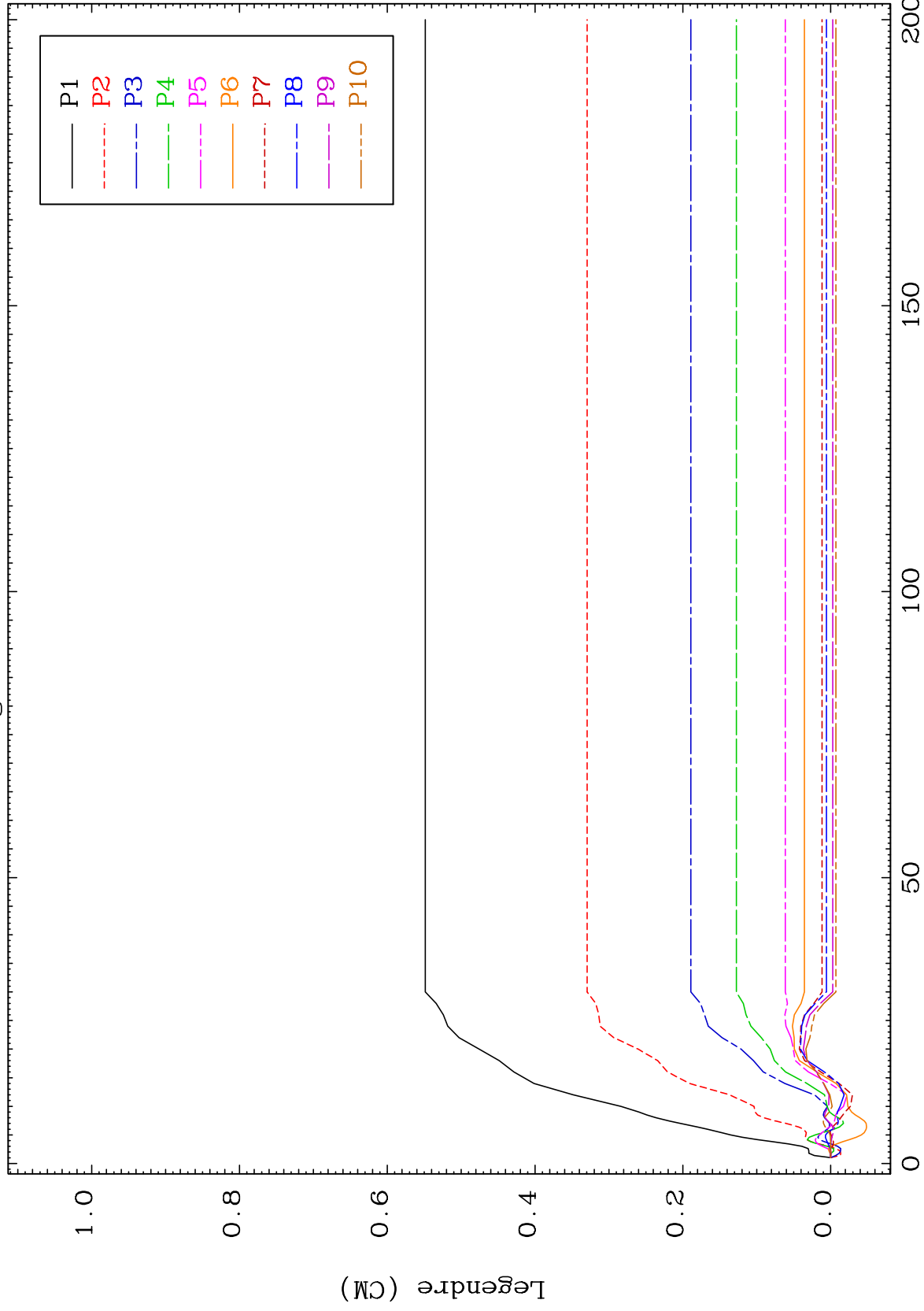
Incident Energy (MeV)

83-Bi-197

MAT 8289

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

83-Bi-197



26

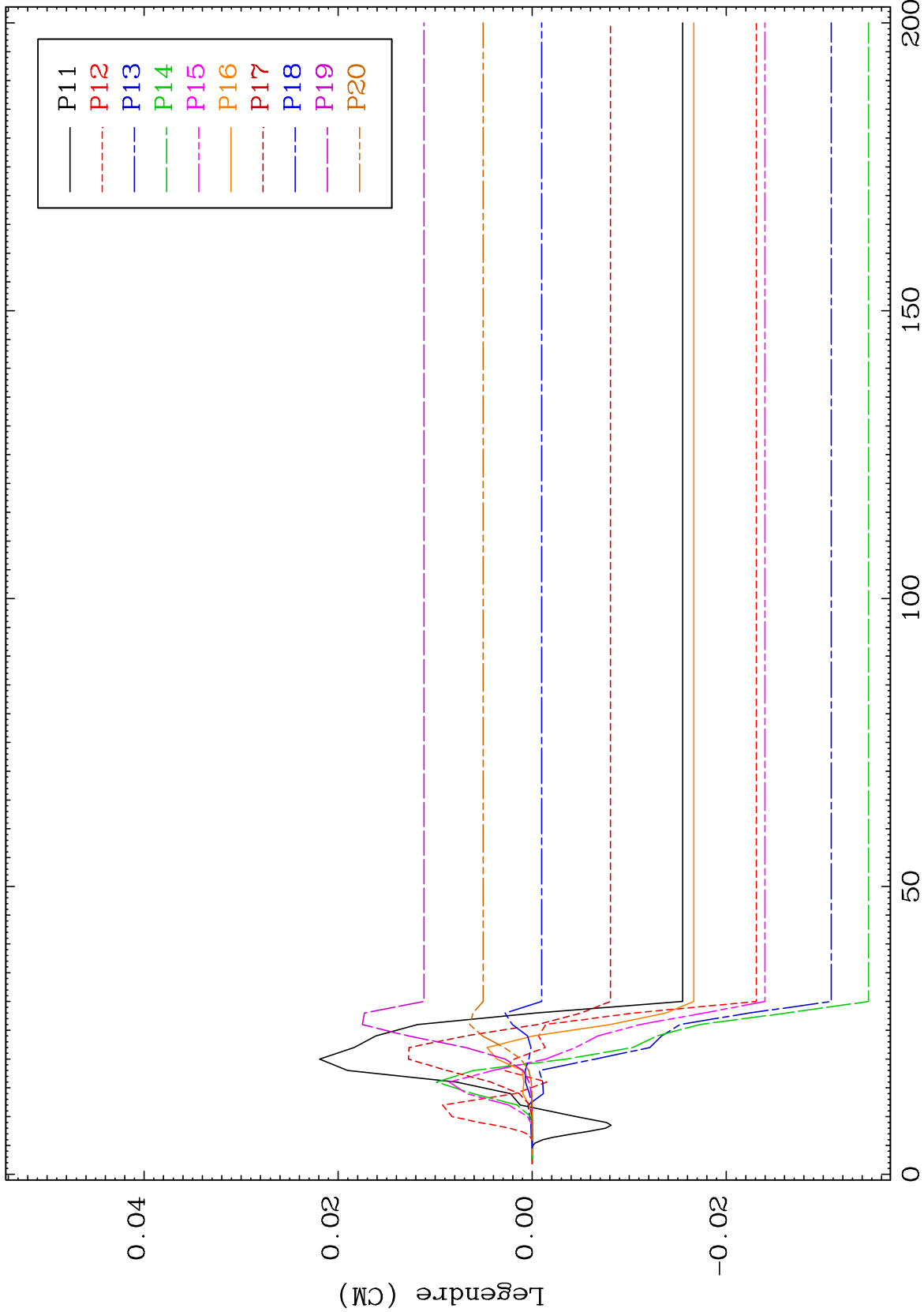
Incident Energy (MeV)

83-Bi-197

MAT 8289

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

83-Bi-197



27

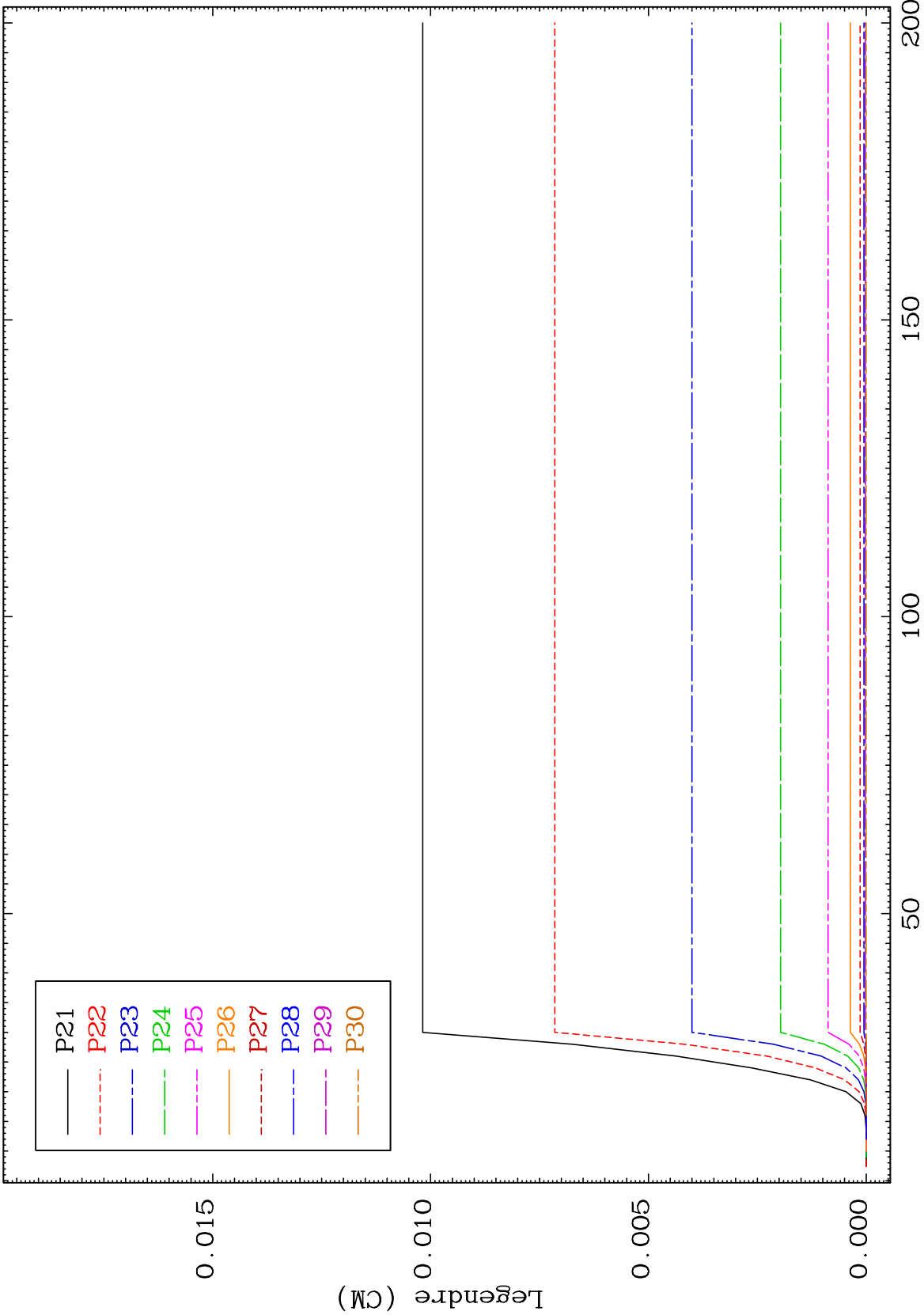
Incident Energy (MeV)

83-Bi-197

MAT 8289

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

83-Bi-197



28

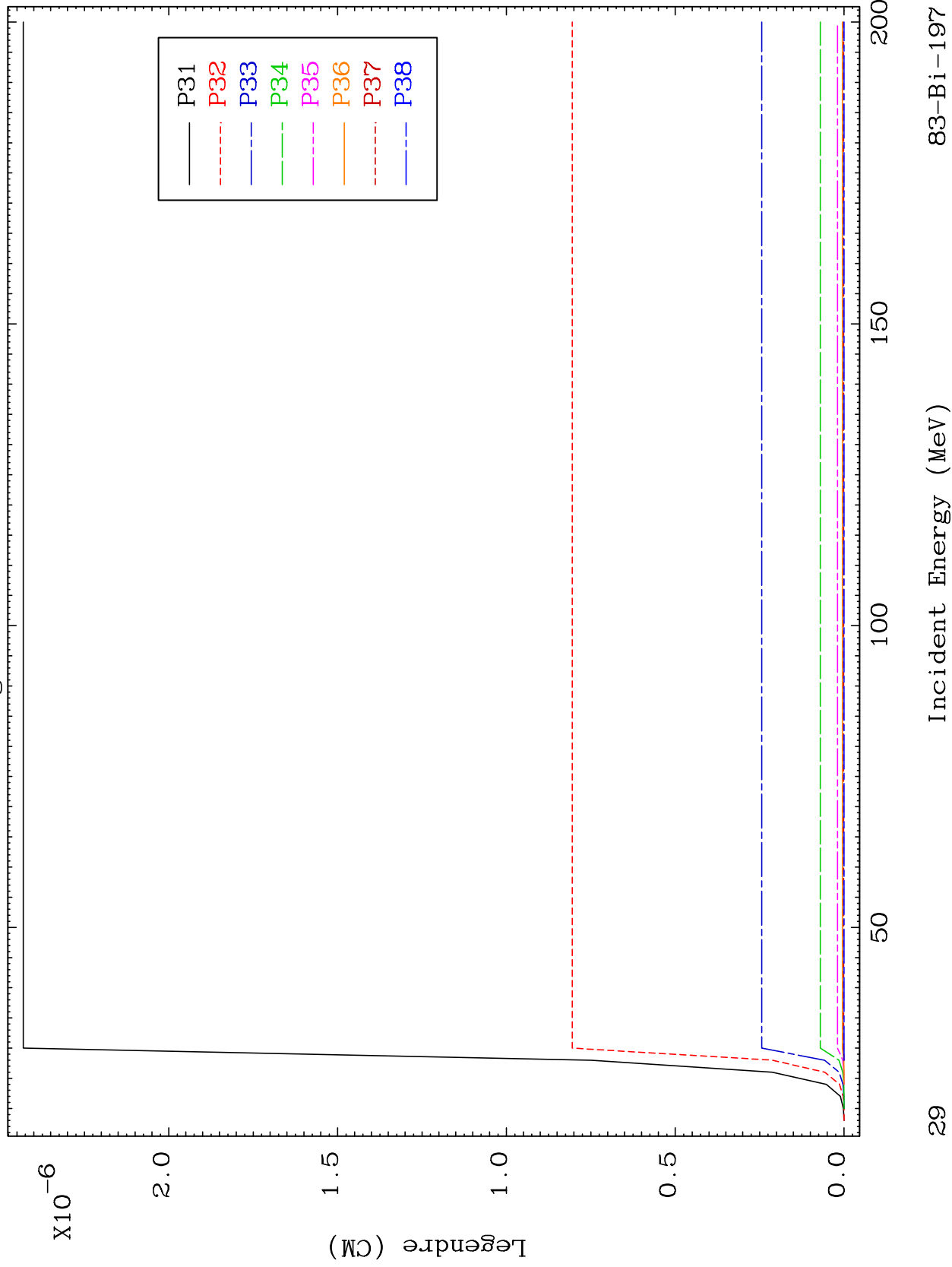
Incident Energy (MeV)

83-Bi-197

MAT 8289

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

83-Bi-197



29

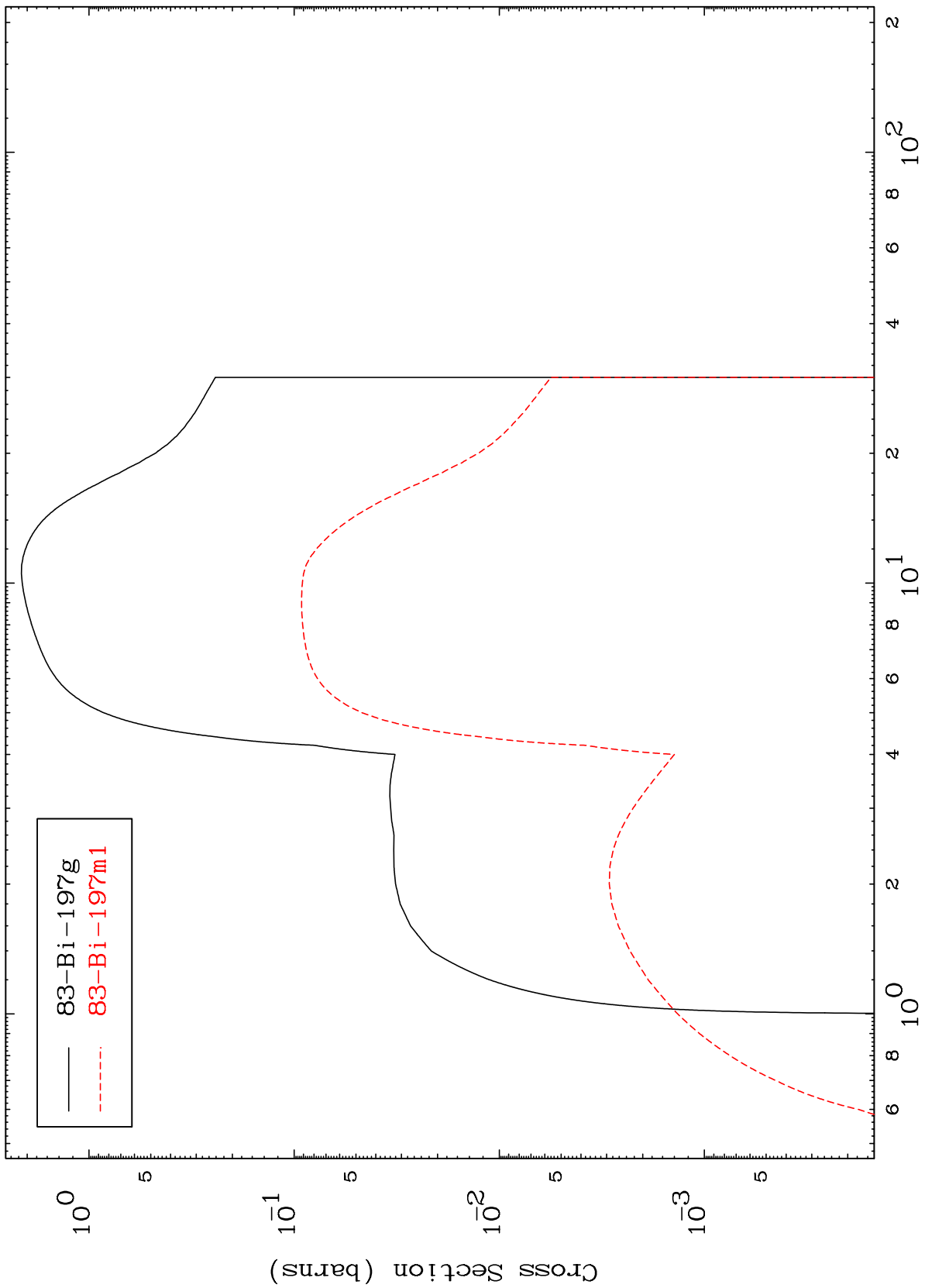
Incident Energy (MeV)

83-Bi-197

MAT 8289

83-Bi-197

Inelastic
Radionuclide Production Cross Section



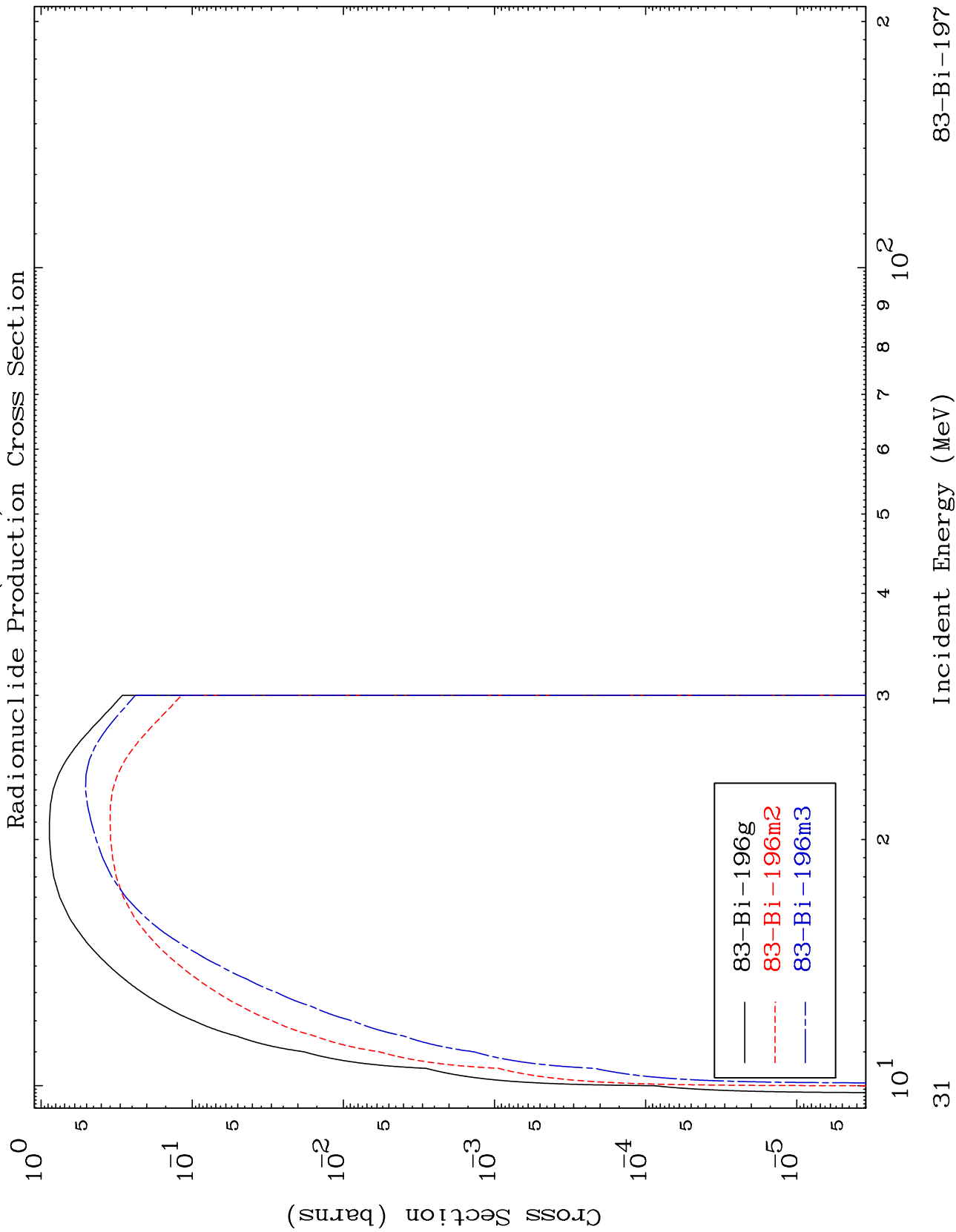
30

Incident Energy (MeV)

83-Bi-197

MAT 8289

83-Bi-197

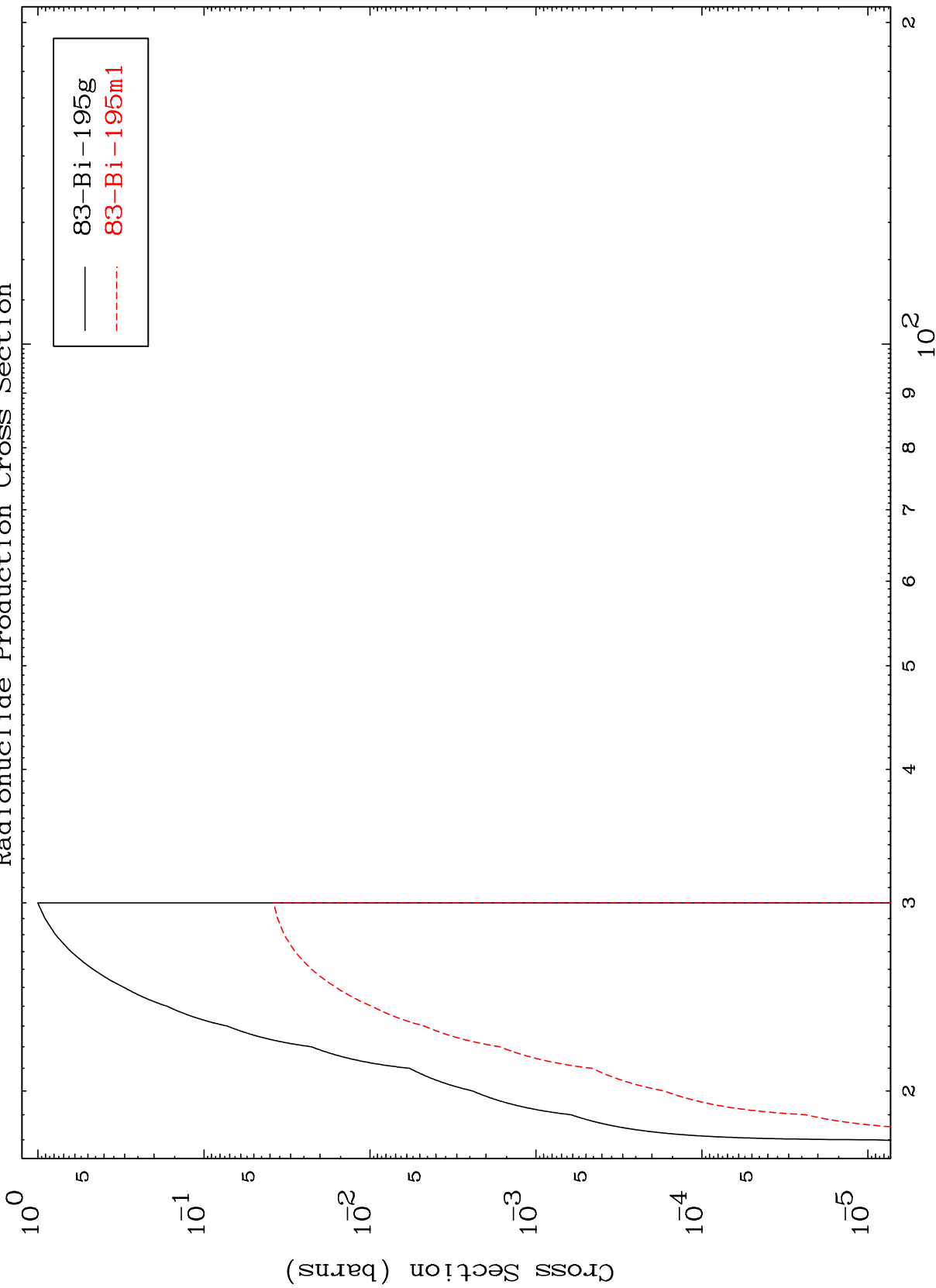


31

MAT 8289

83-Bi-197

(n,3n)
Radionuclide Production Cross Section



32

Incident Energy (MeV)

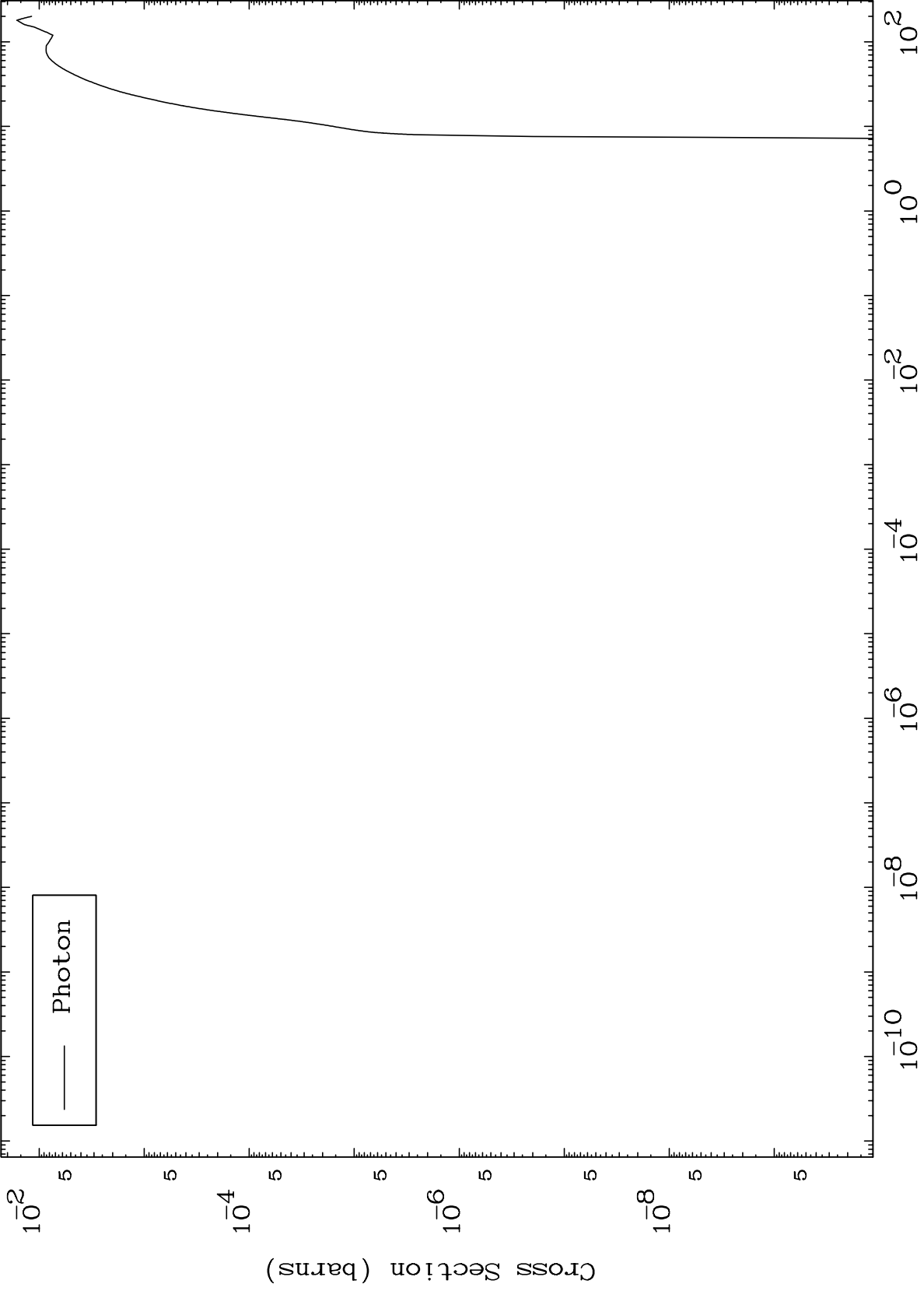
83-Bi-197

MAT 8289

Fission

83-Bi-197

Radionuclide Production Cross Section



33

Incident Energy (MeV)

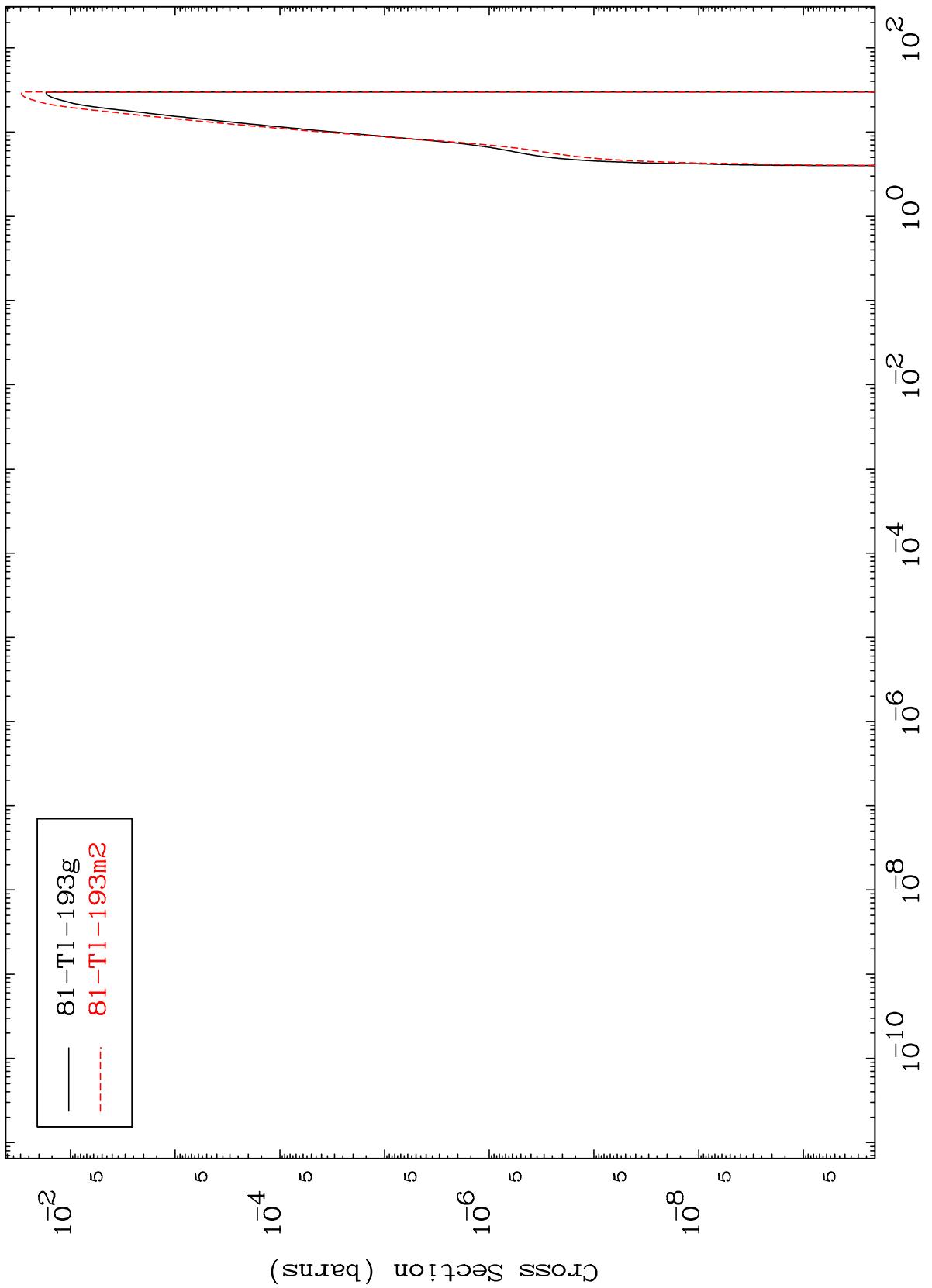
83-Bi-197

MAT 8289

(n, n') α

83-Bi-197

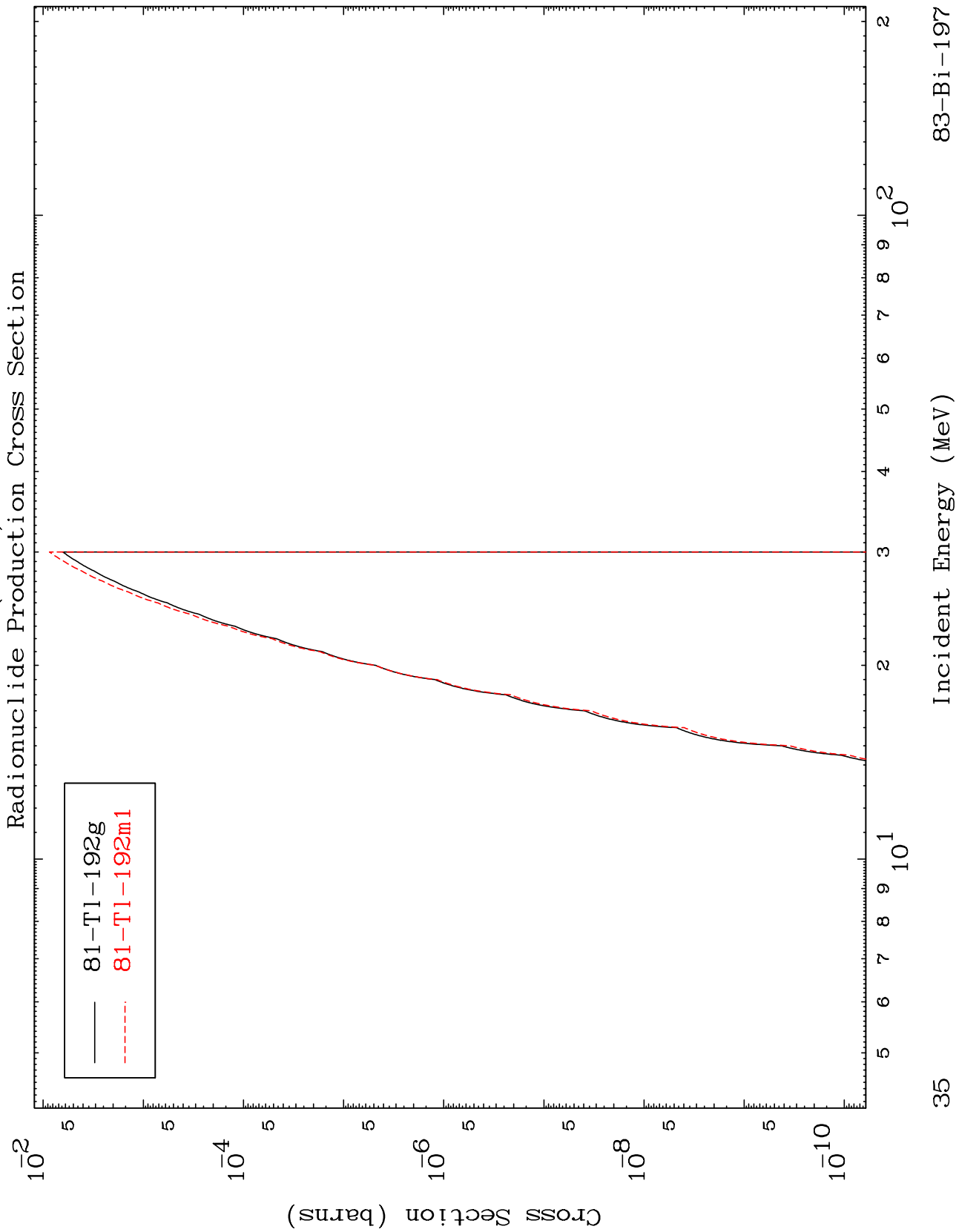
Radionuclide Production Cross Section



MAT 8289

$(n, 2n) \alpha$

83-Bi-197

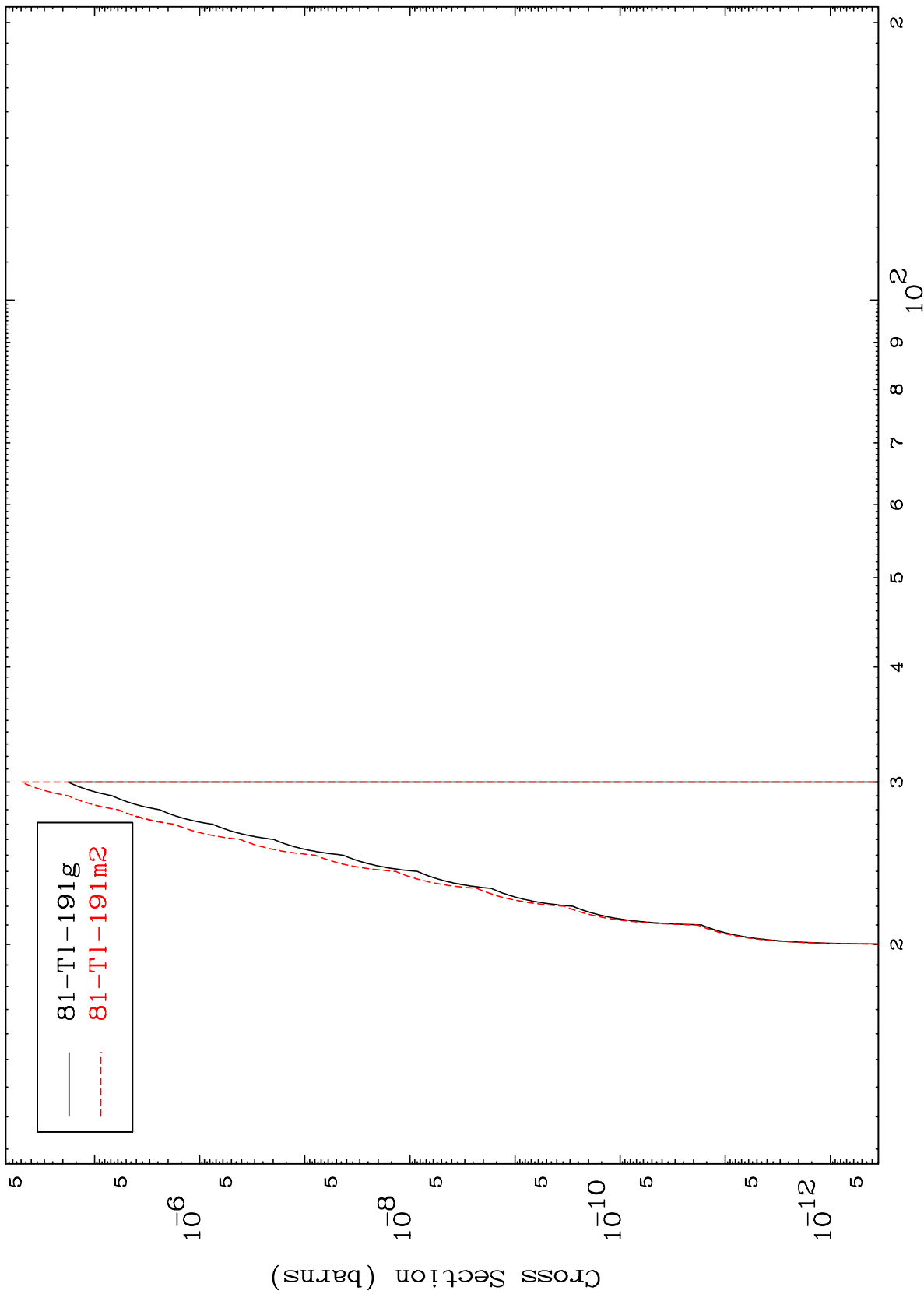


MAT 8289

$(n,3n) \alpha$

83-Bi-197

Radionuclide Production Cross Section

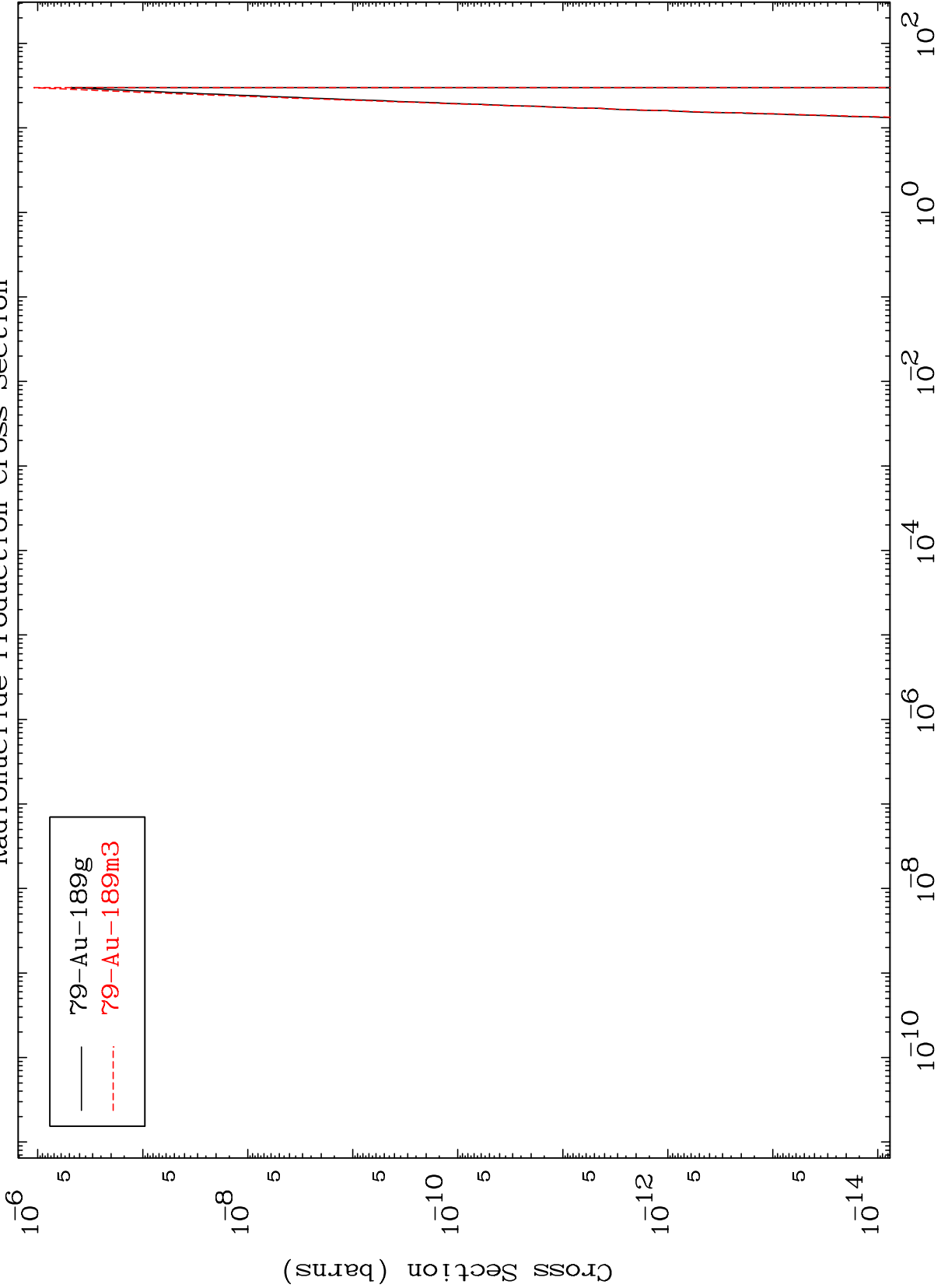


MAT 8289

(n,n') 2α

83-Bi-197

Radionuclide Production Cross Section



79-Au-189g
79-Au-189m3

Incident Energy (MeV)

83-Bi-197

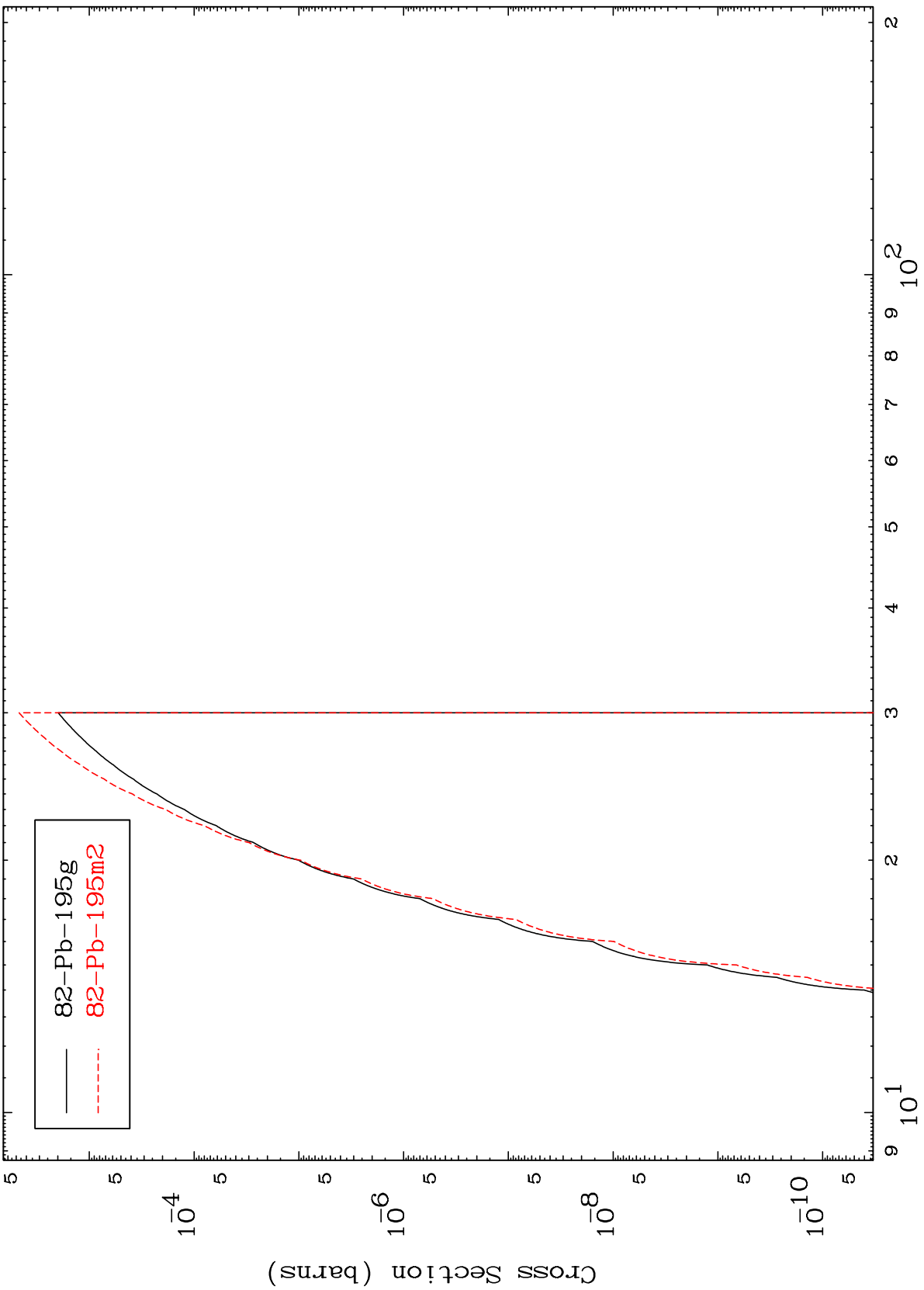
37

MAT 8289

(n,n') d

83-Bi-197

Radionuclide Production Cross Section



82-Pb-195g
82-Pb-195m2

Incident Energy (MeV)

83-Bi-197

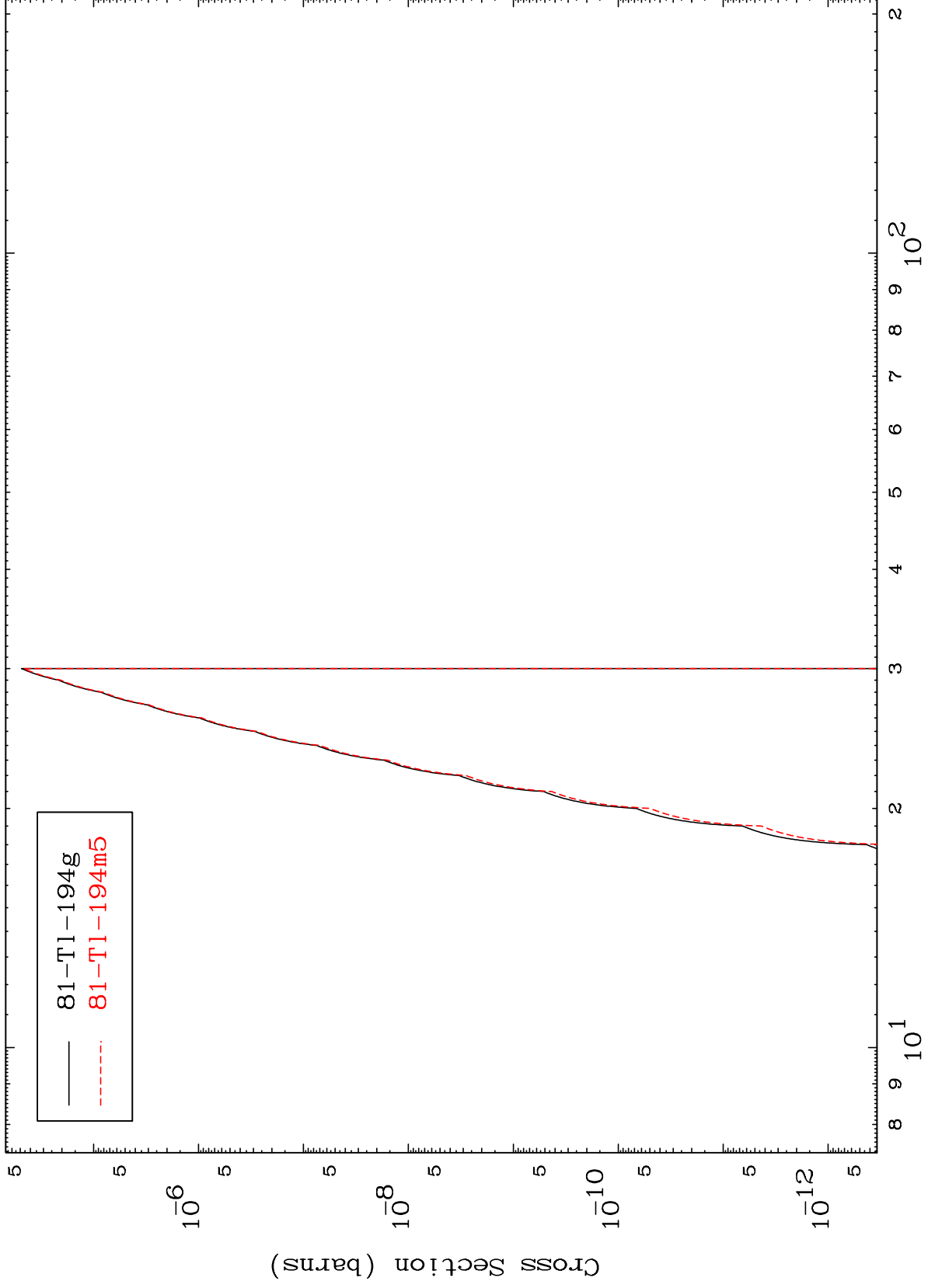
38

MAT 8289

(n,n') He-3

83-Bi-197

Radionuclide Production Cross Section



39

Incident Energy (MeV)

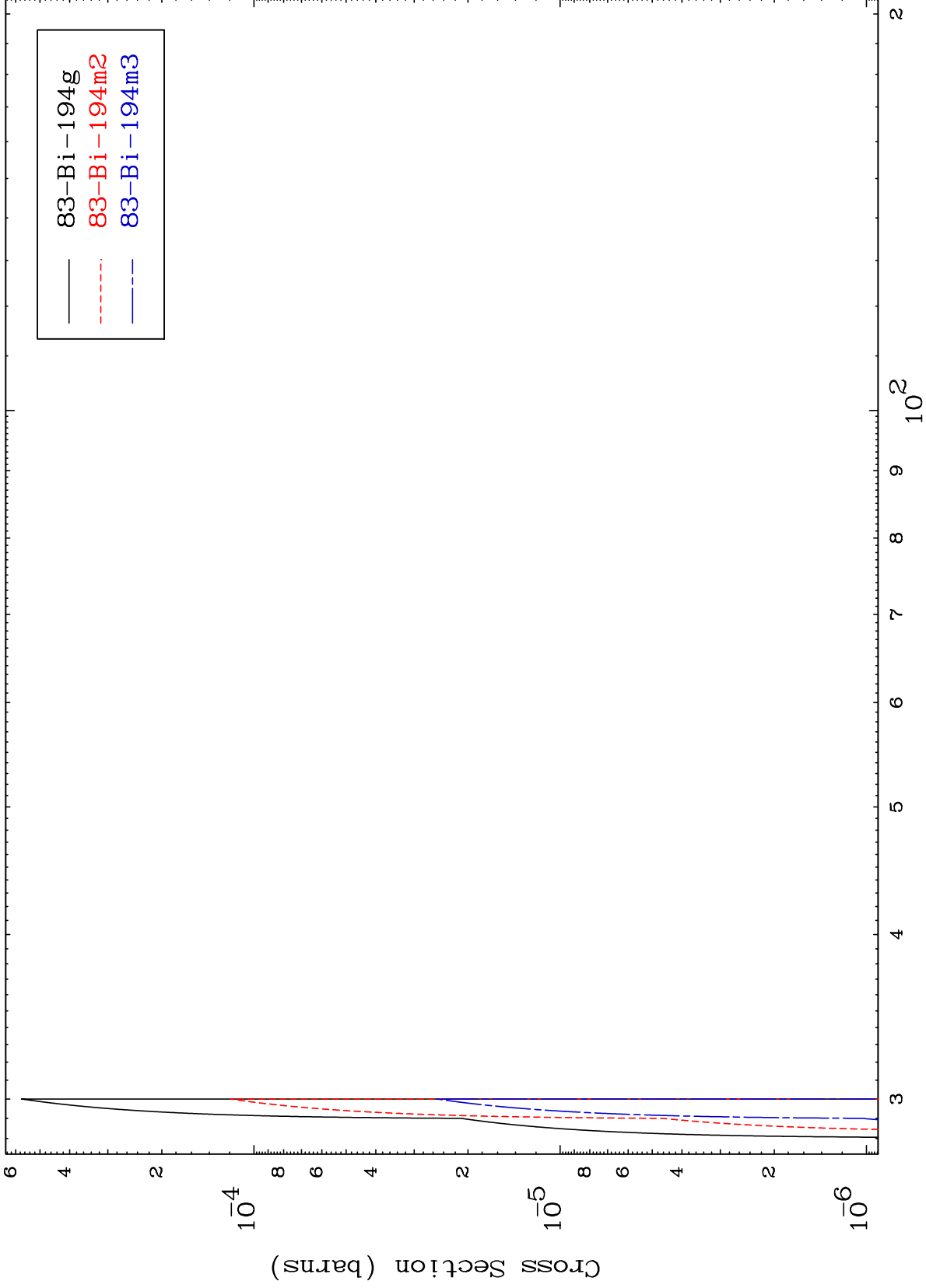
83-Bi-197

MAT 8289

(n,4n)

83-Bi-197

Radionuclide Production Cross Section



40

Incident Energy (MeV)

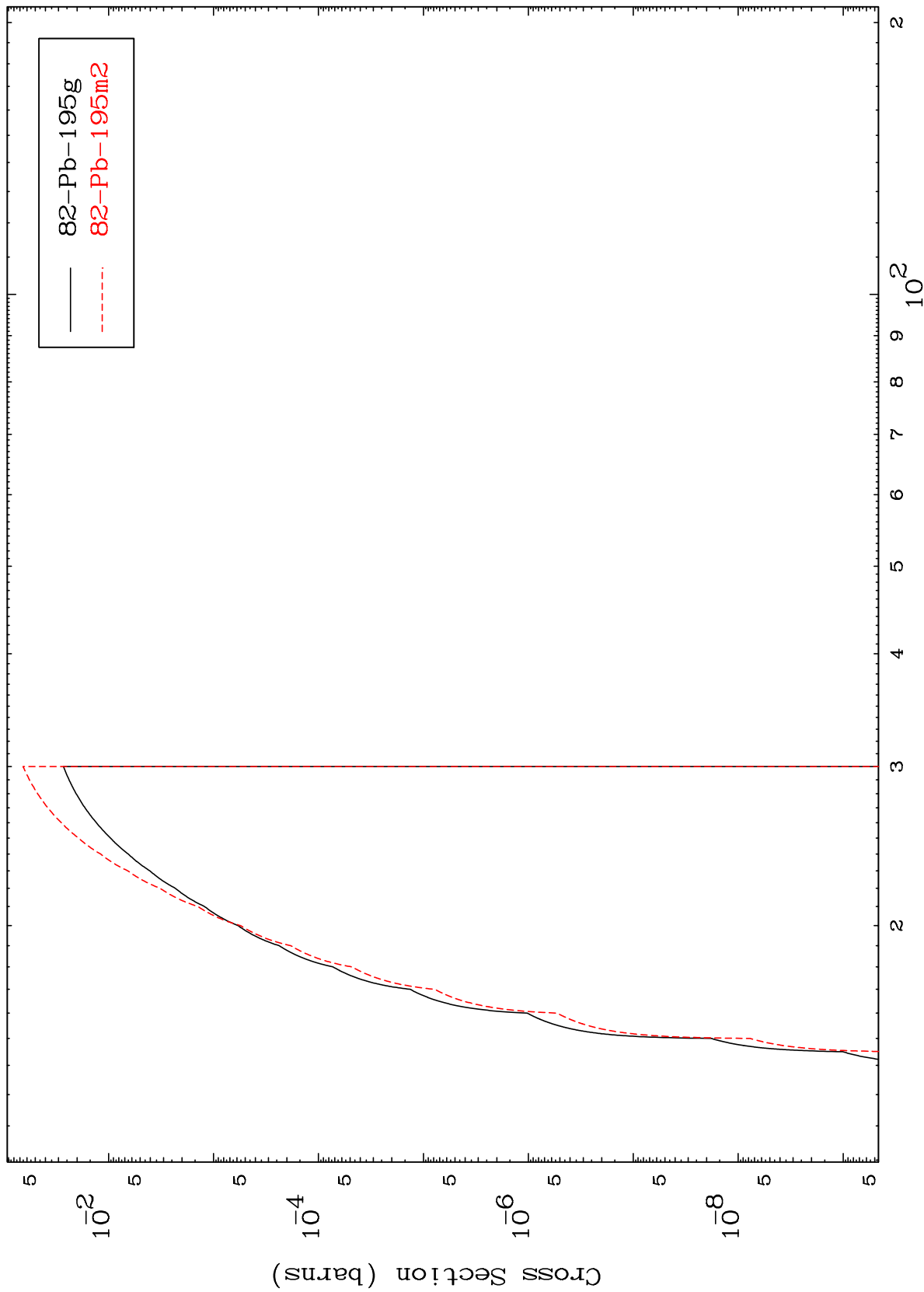
83-Bi-197

MAT 8289

(n,2n) p

83-Bi-197

Radionuclide Production Cross Section



41

Incident Energy (MeV)

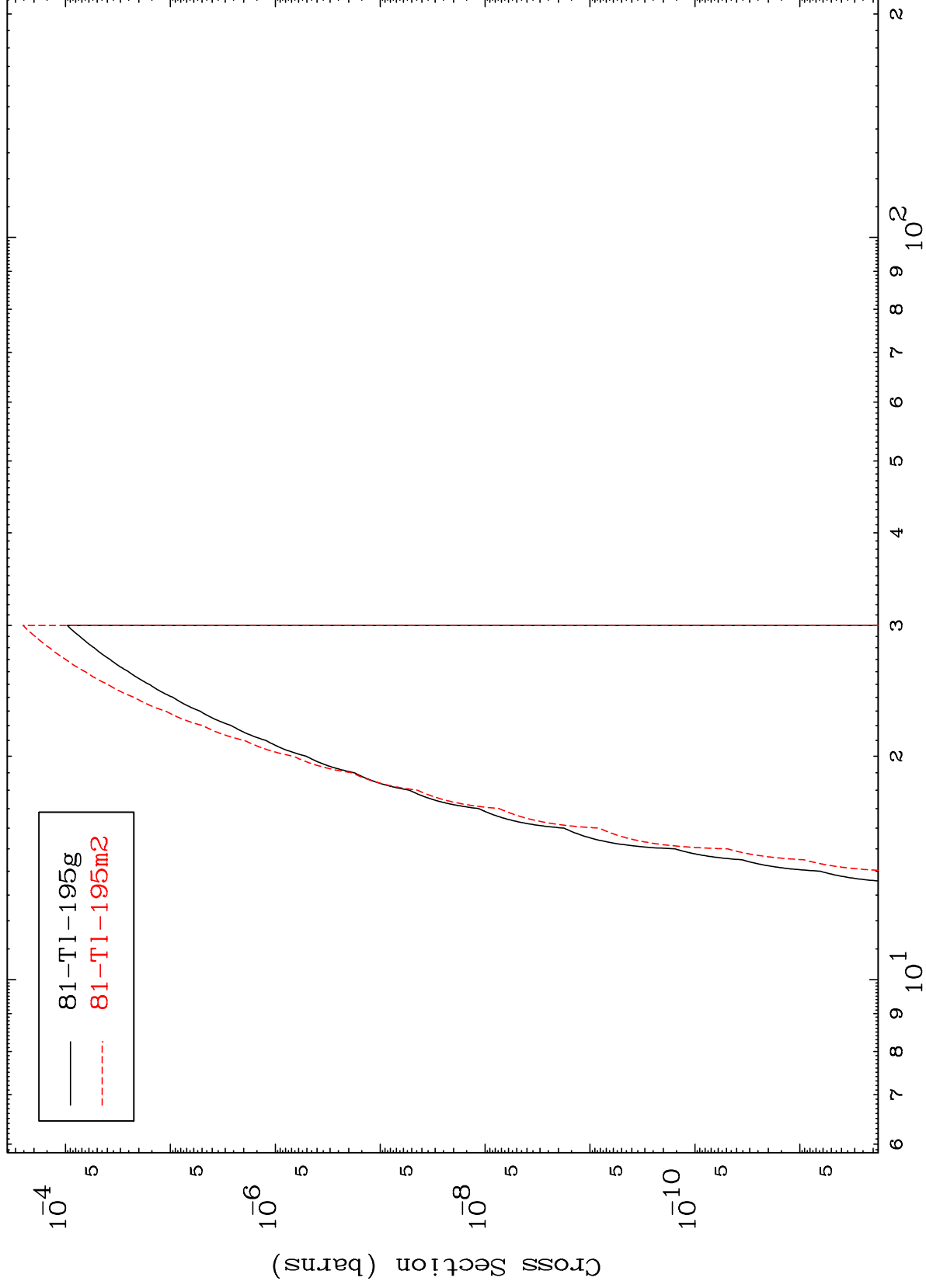
83-Bi-197

MAT 8289

(n,2n) p

83-Bi-197

Radionuclide Production Cross Section



42

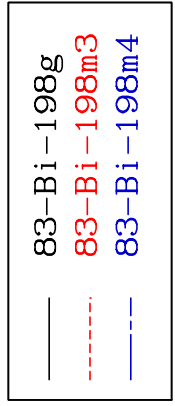
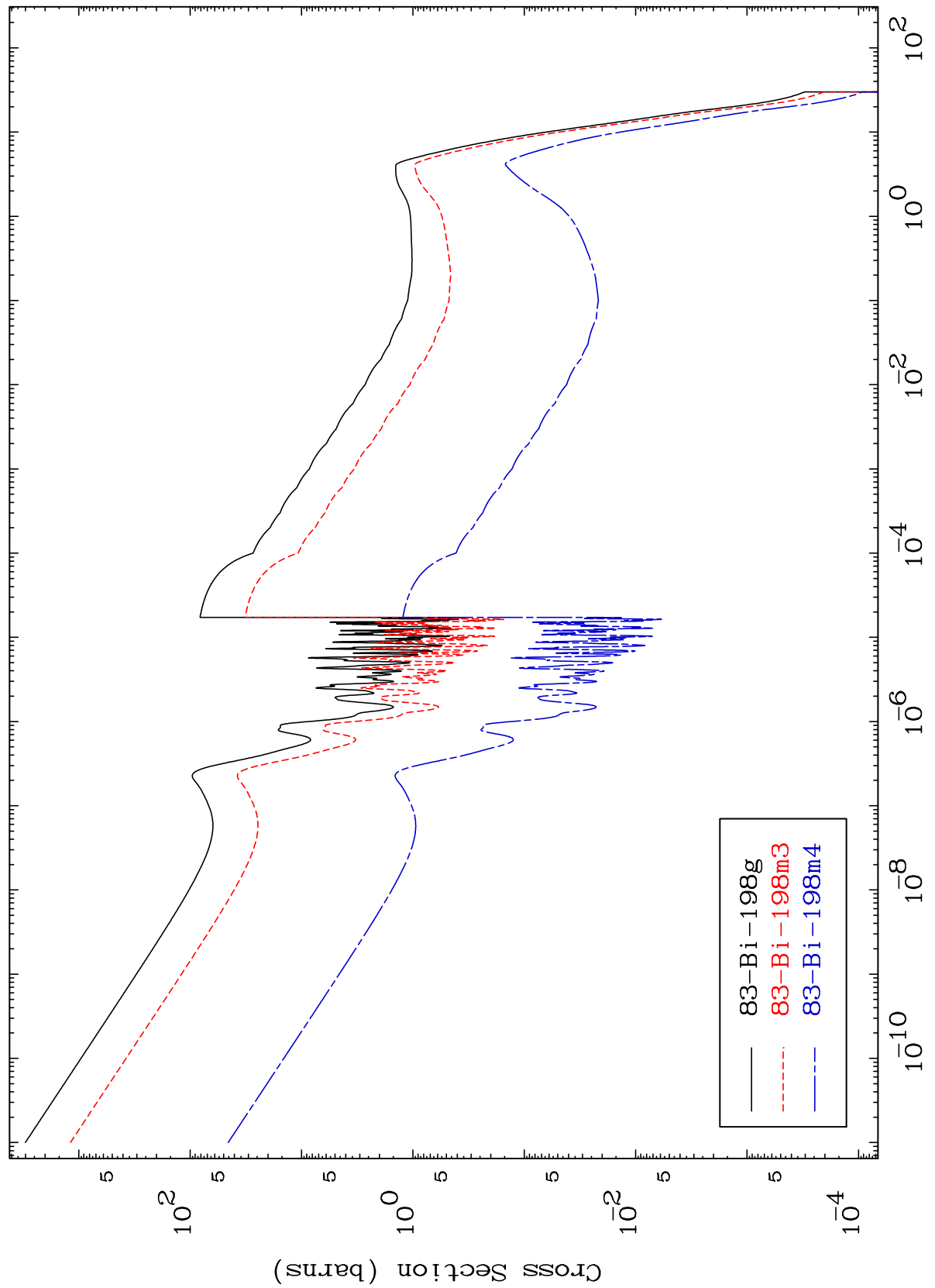
Incident Energy (MeV)

83-Bi-197

MAT 8289

⁸³Bi-197

⁸³Bi-197
(n,γ)
Radionuclide Production Cross Section



⁸³Bi-197

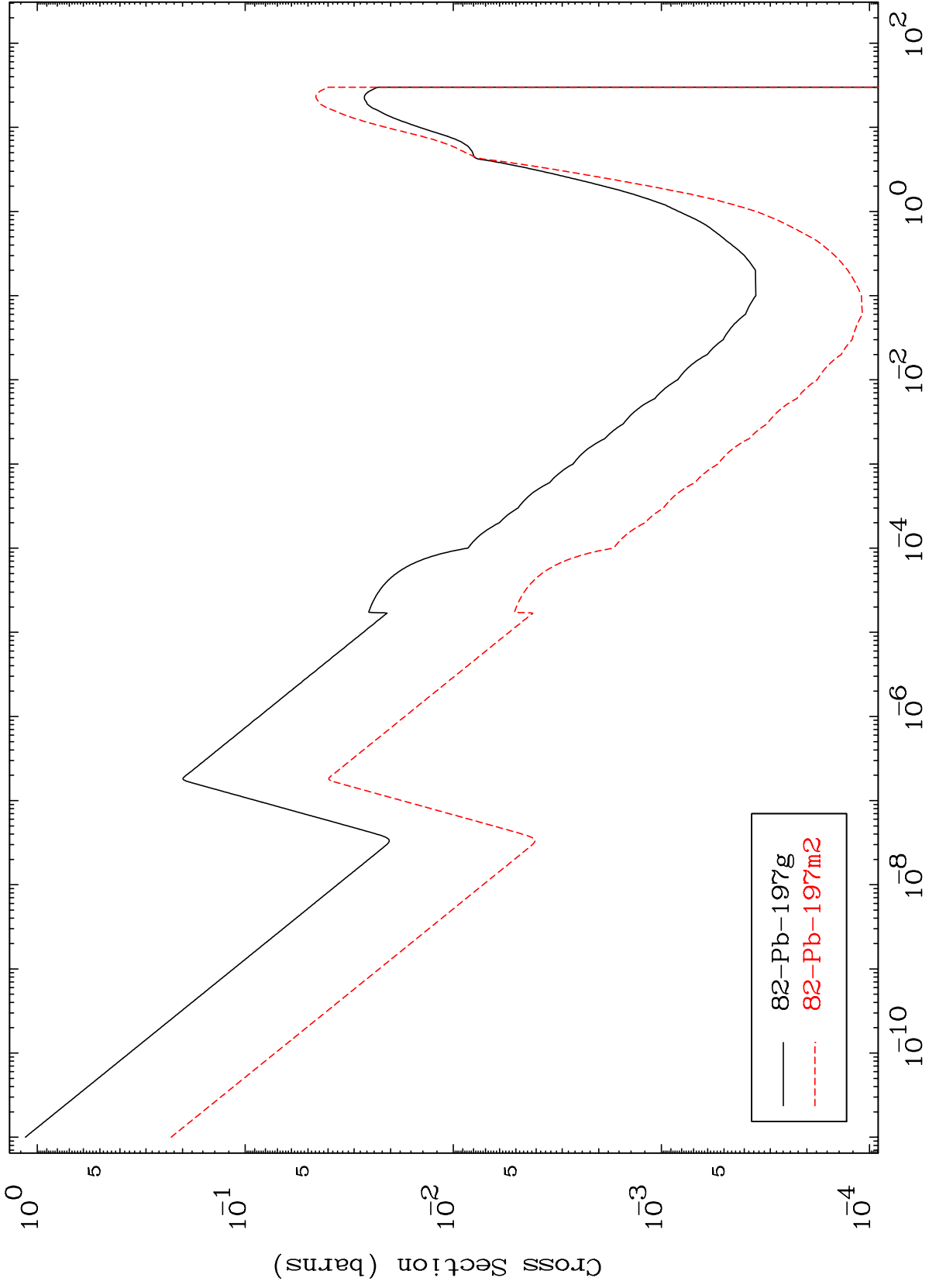
Incident Energy (MeV)

43

MAT 8289

83-Bi-197

(n,p)
Radionuclide Production Cross Section



— 82-Pb-197g
- - - 82-Pb-197m2

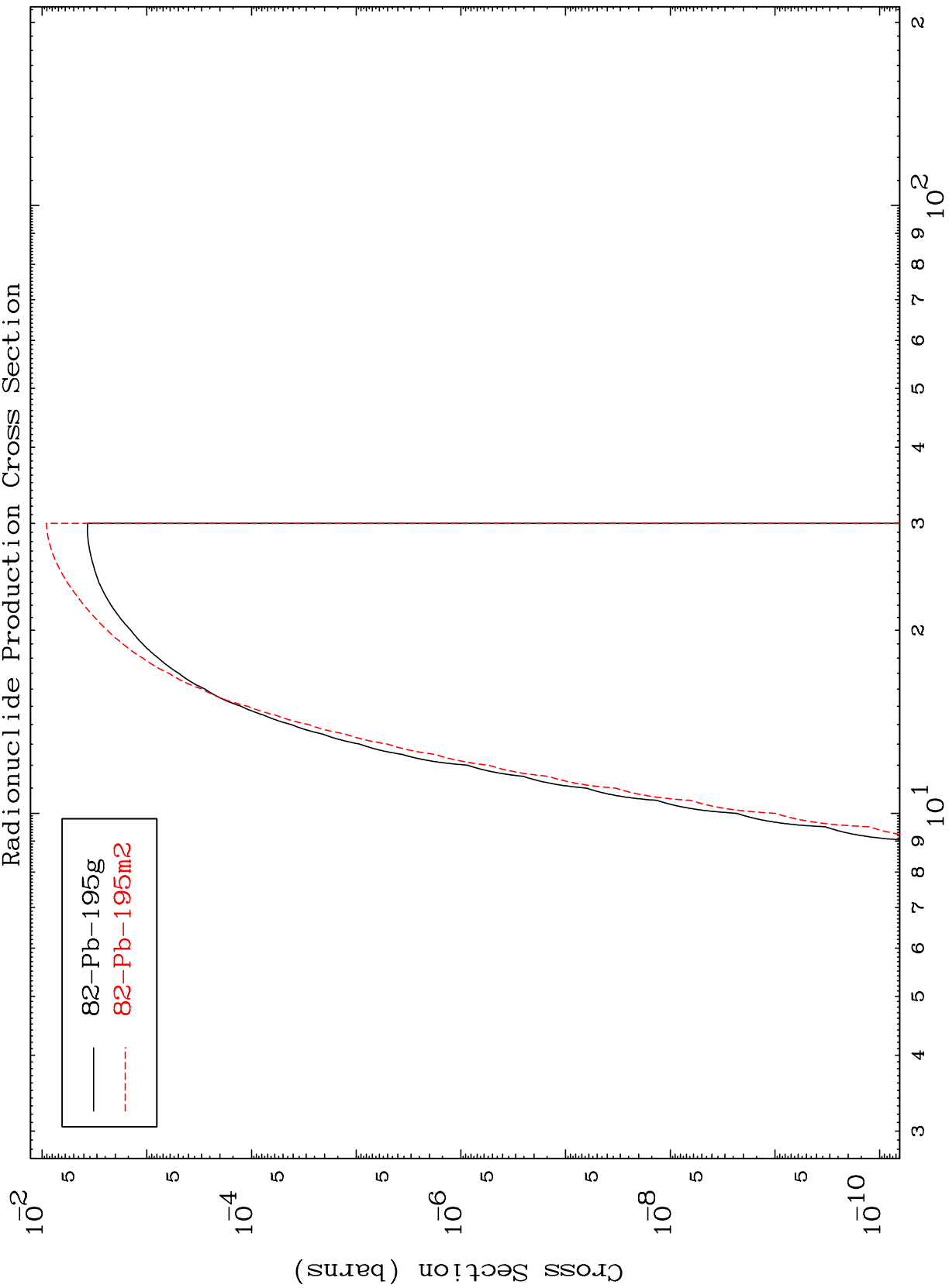
83-Bi-197

Incident Energy (MeV)

MAT 8289

83-Bi-197

(n, t)
Radionuclide Production Cross Section



45

Incident Energy (MeV)

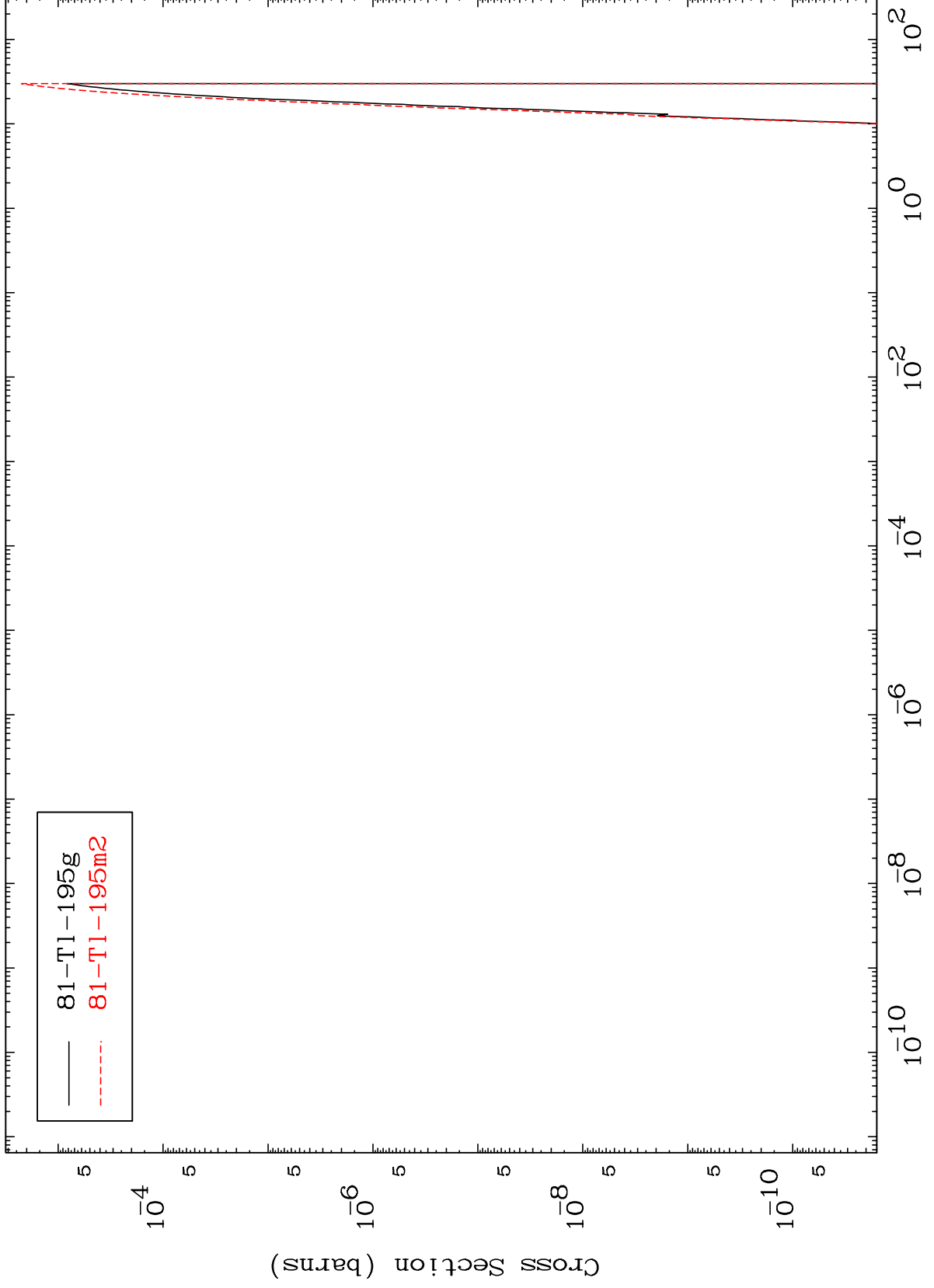
83-Bi-197

MAT 8289

(n,He-3)

83-Bi-197

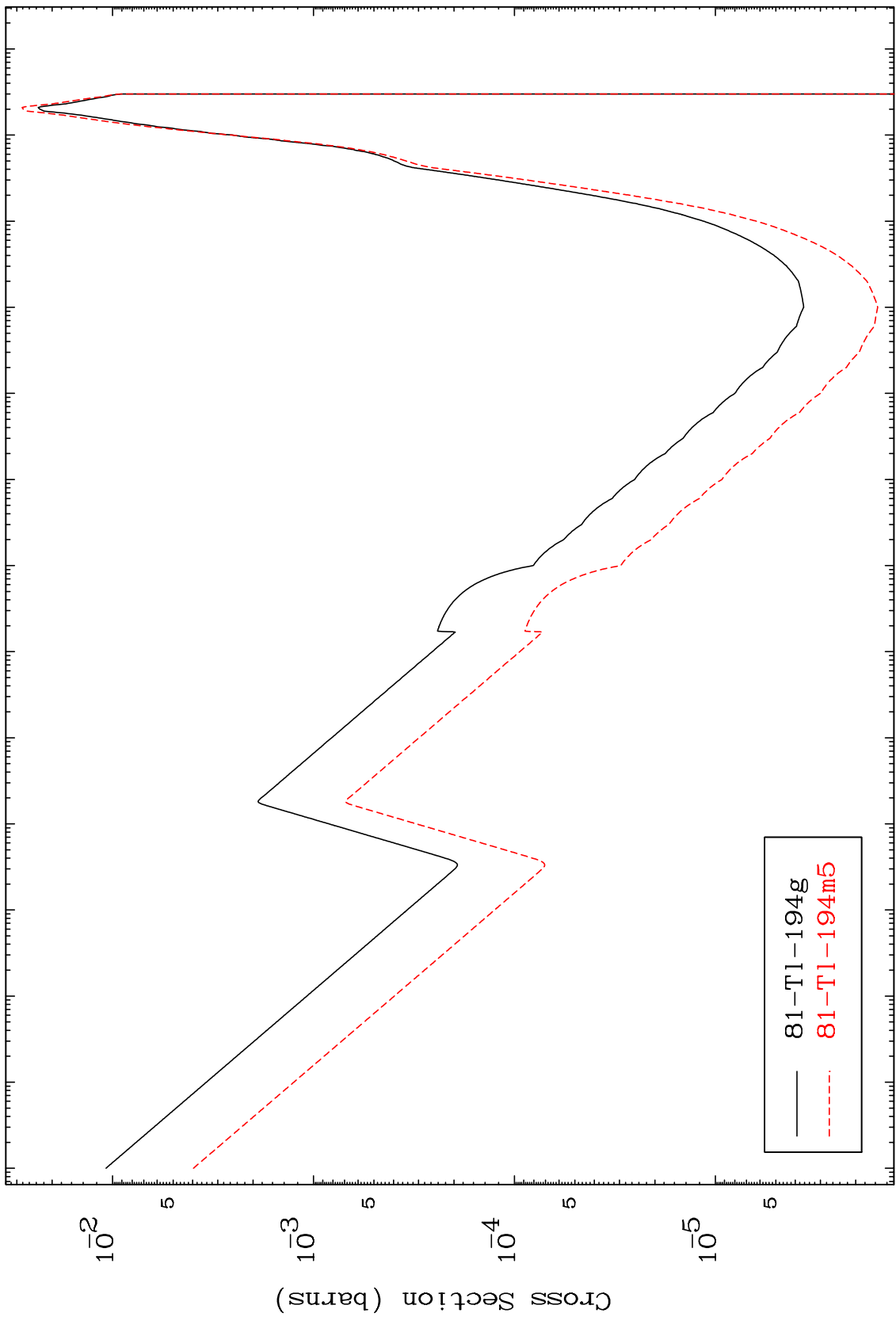
Radionuclide Production Cross Section



MAT 8289

83-Bi-197

Radionuclide Production Cross Section
(n, α)



— 81-Tl-194g
- - - 81-Tl-194m5

83-Bi-197

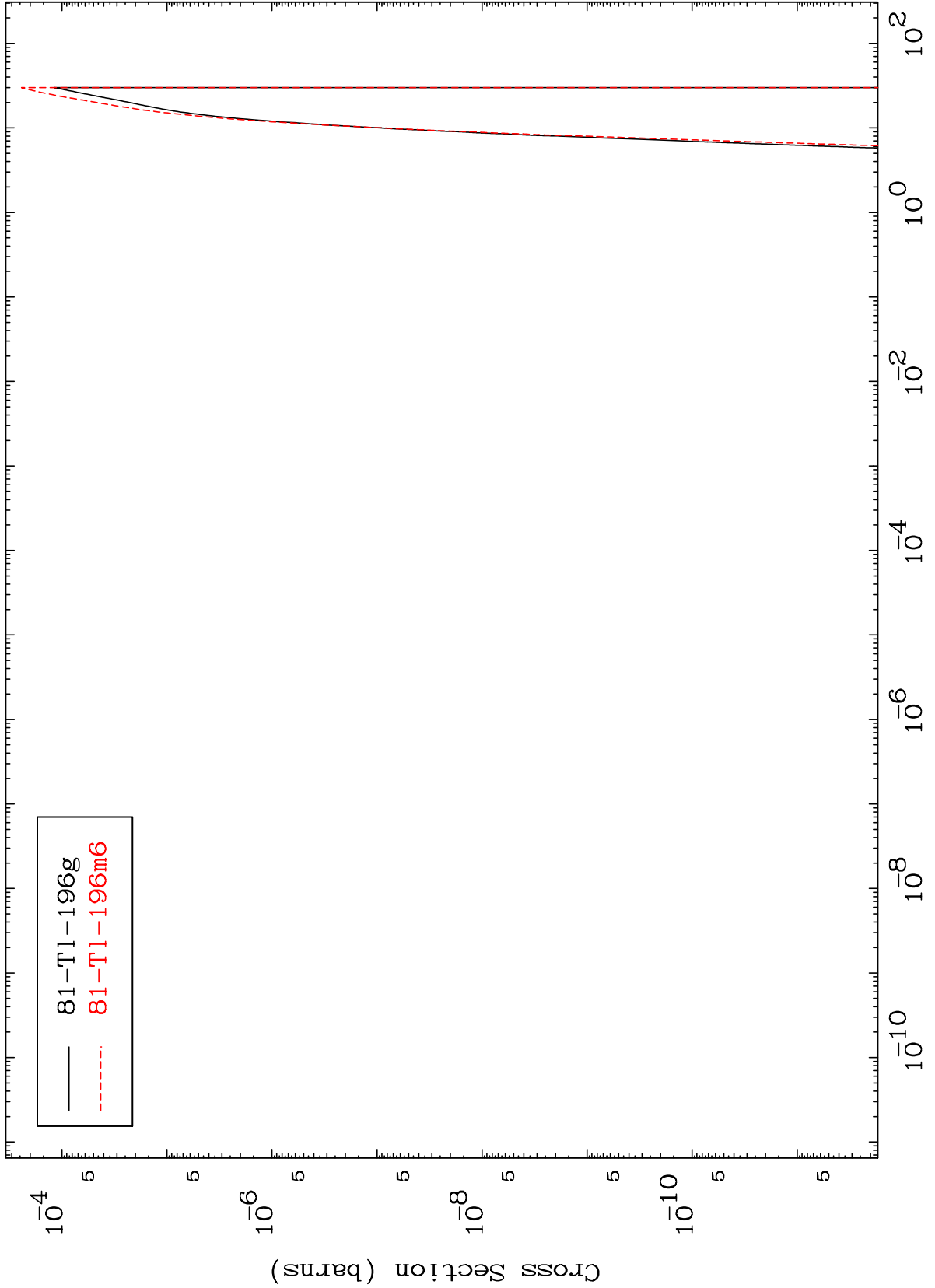
Incident Energy (MeV)

MAT 8289

(n,2p)

83-Bi-197

Radionuclide Production Cross Section

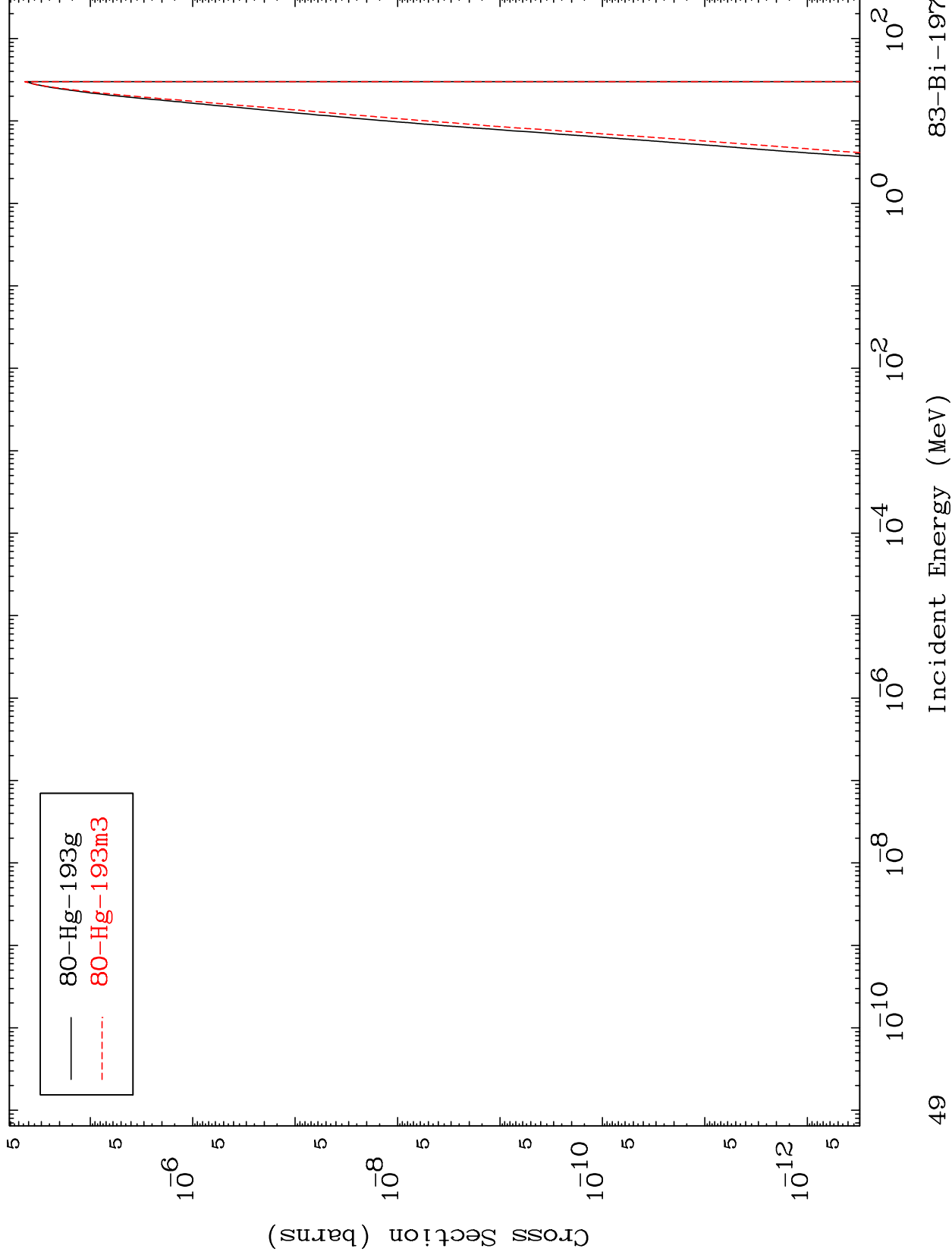


MAT 8289

(n,p) α

83-Bi-197

Radionuclide Production Cross Section

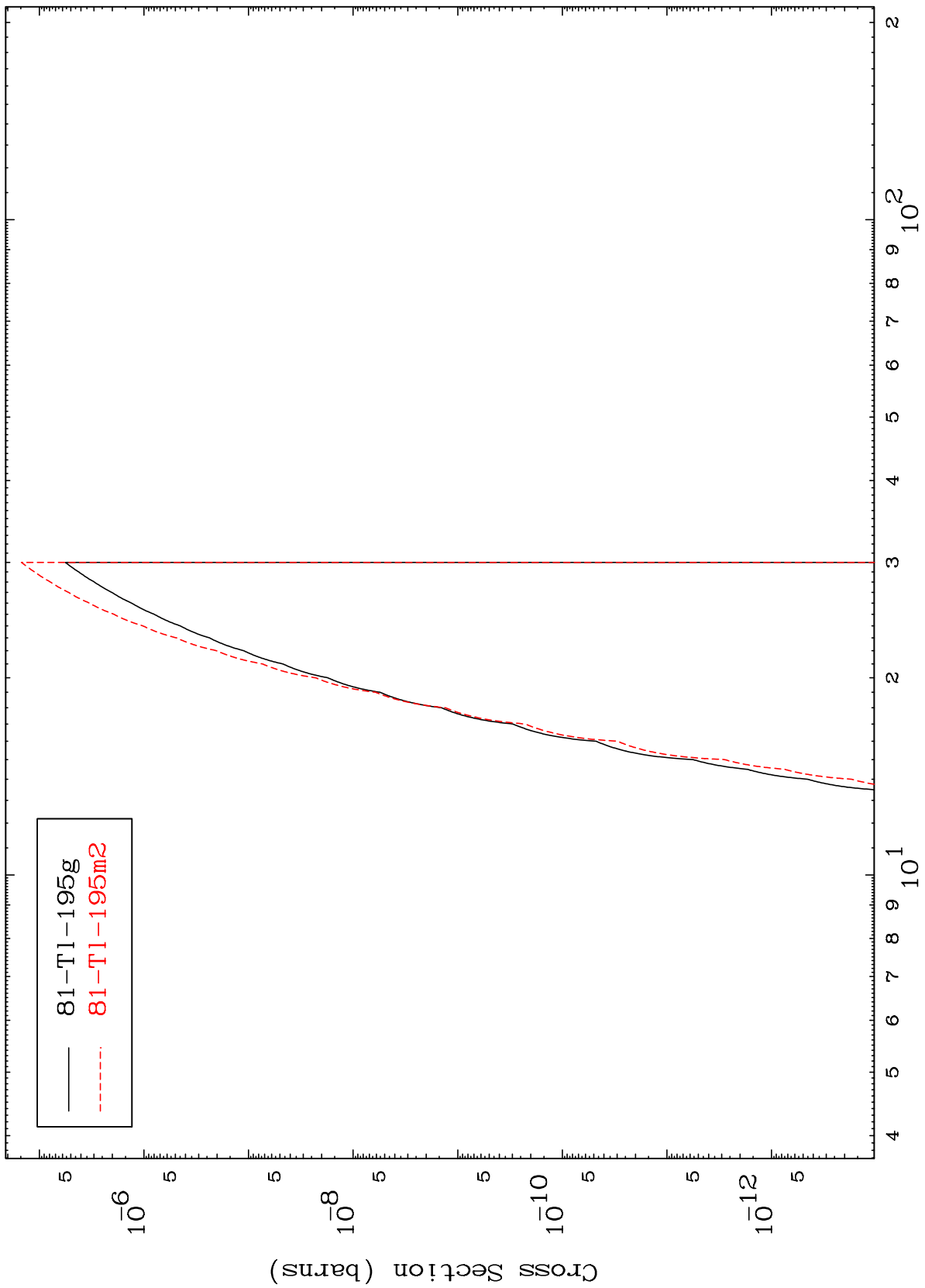


MAT 8289

(n,p) d

83-Bi-197

Radionuclide Production Cross Section



50

Incident Energy (MeV)

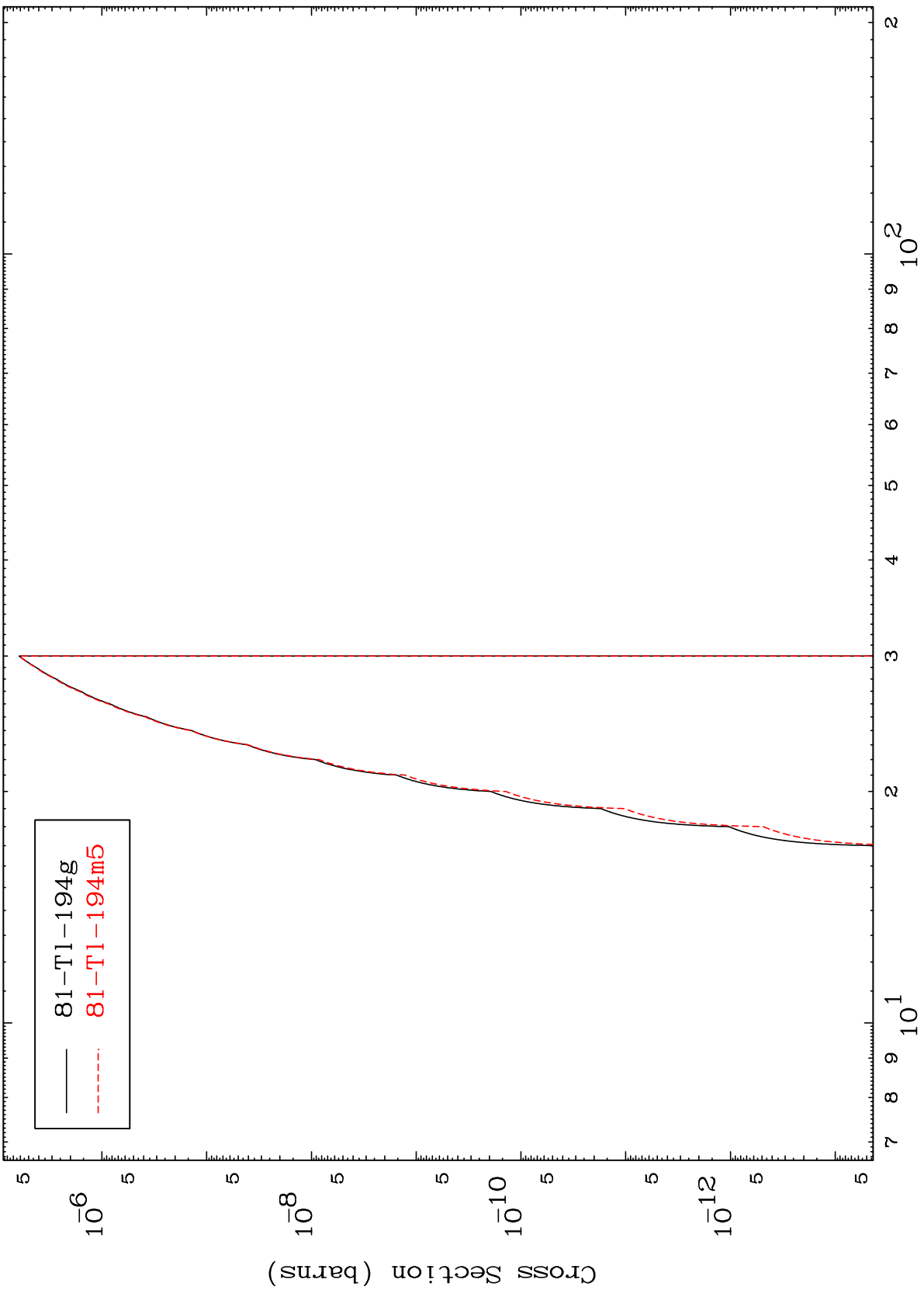
83-Bi-197

MAT 8289

(n,p) t

83-Bi-197

Radionuclide Production Cross Section



51

Incident Energy (MeV)

83-Bi-197