

Program EVALPLOT
(Version 2021-1)

by

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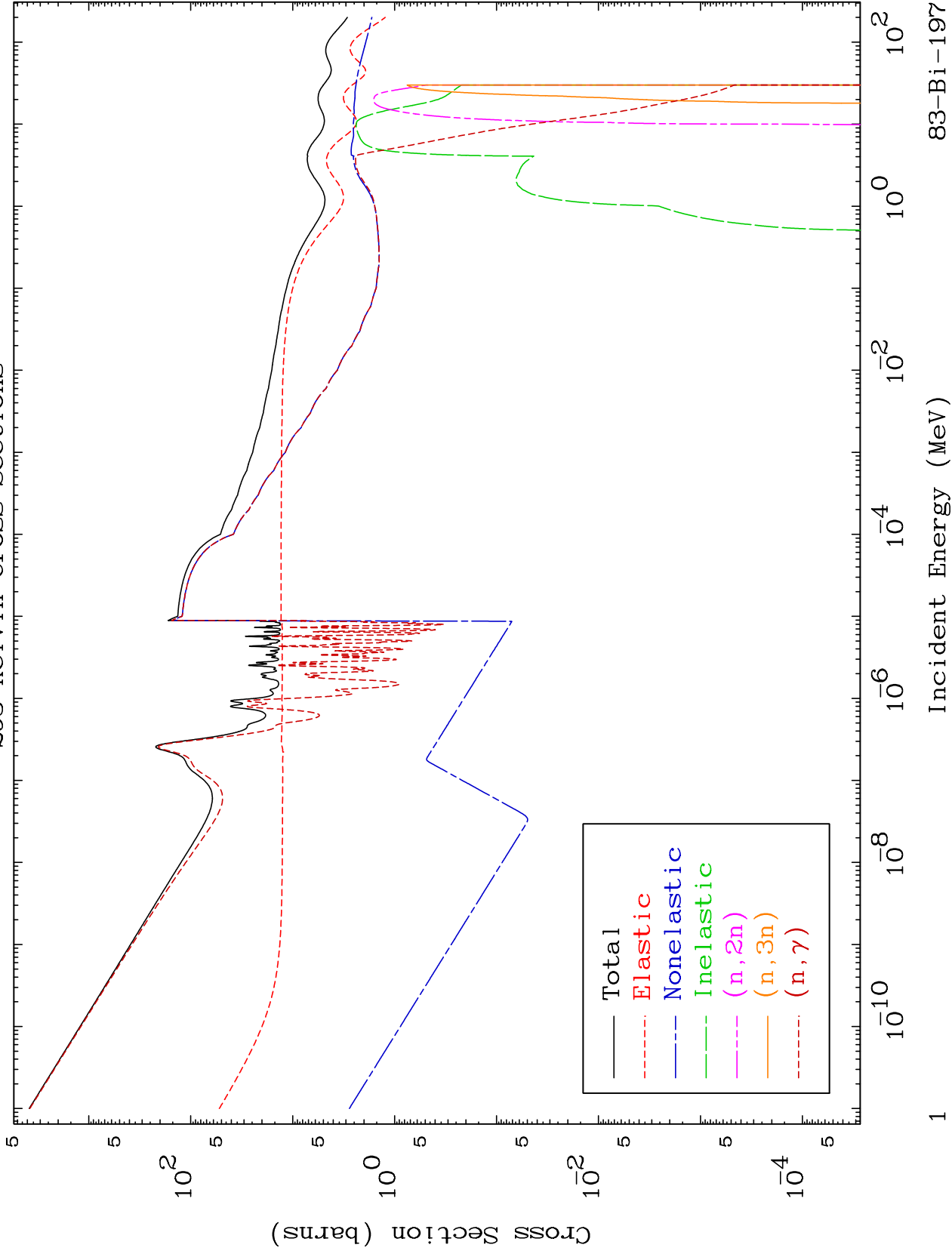
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Press Mouse Button to Start

MAT 8289

Neutron Major
293 Kelvin Cross Sections

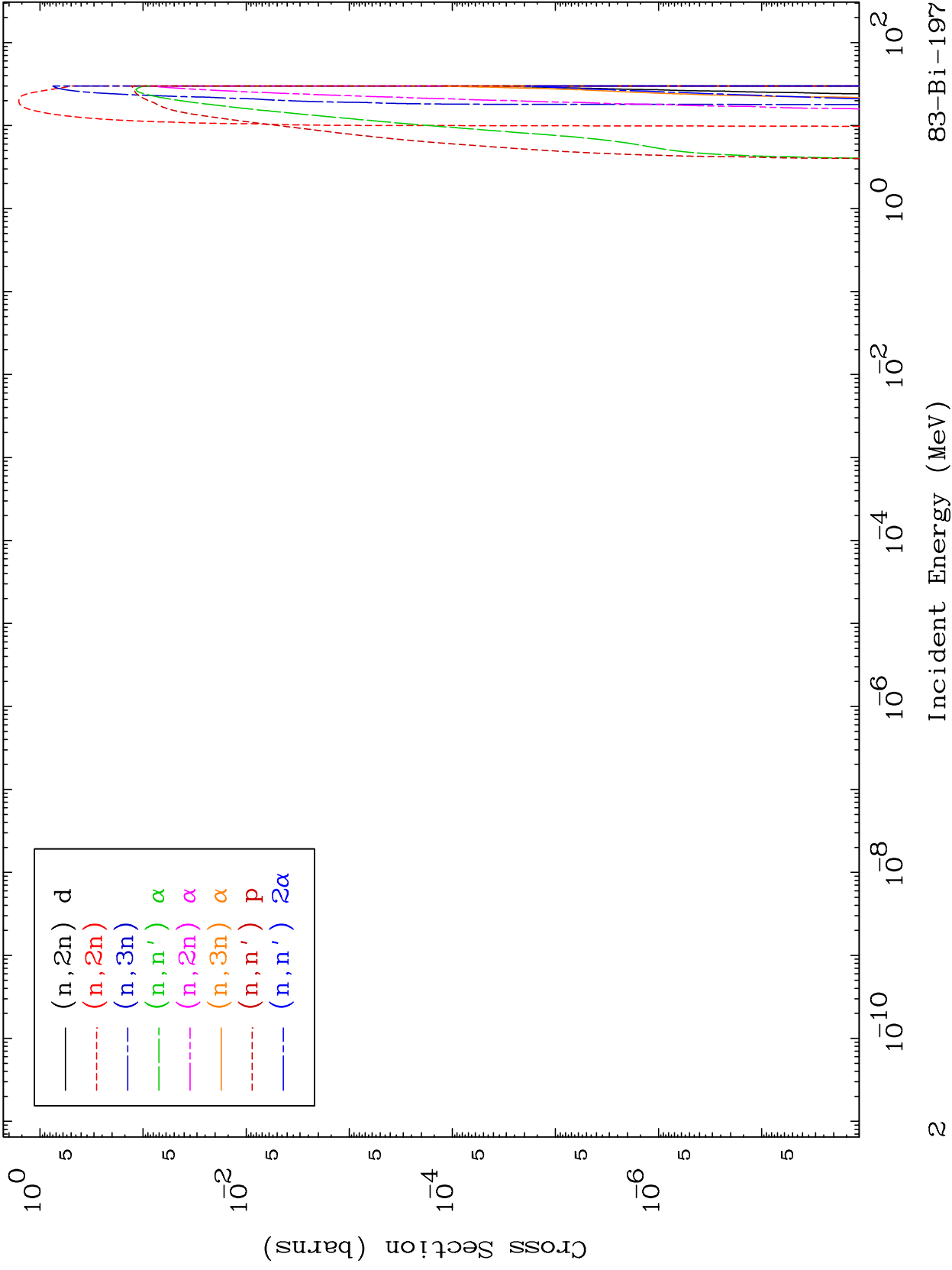
83-Bi-197



MAT 8289

Neutron Absorption
293 Kelvin Cross Sections

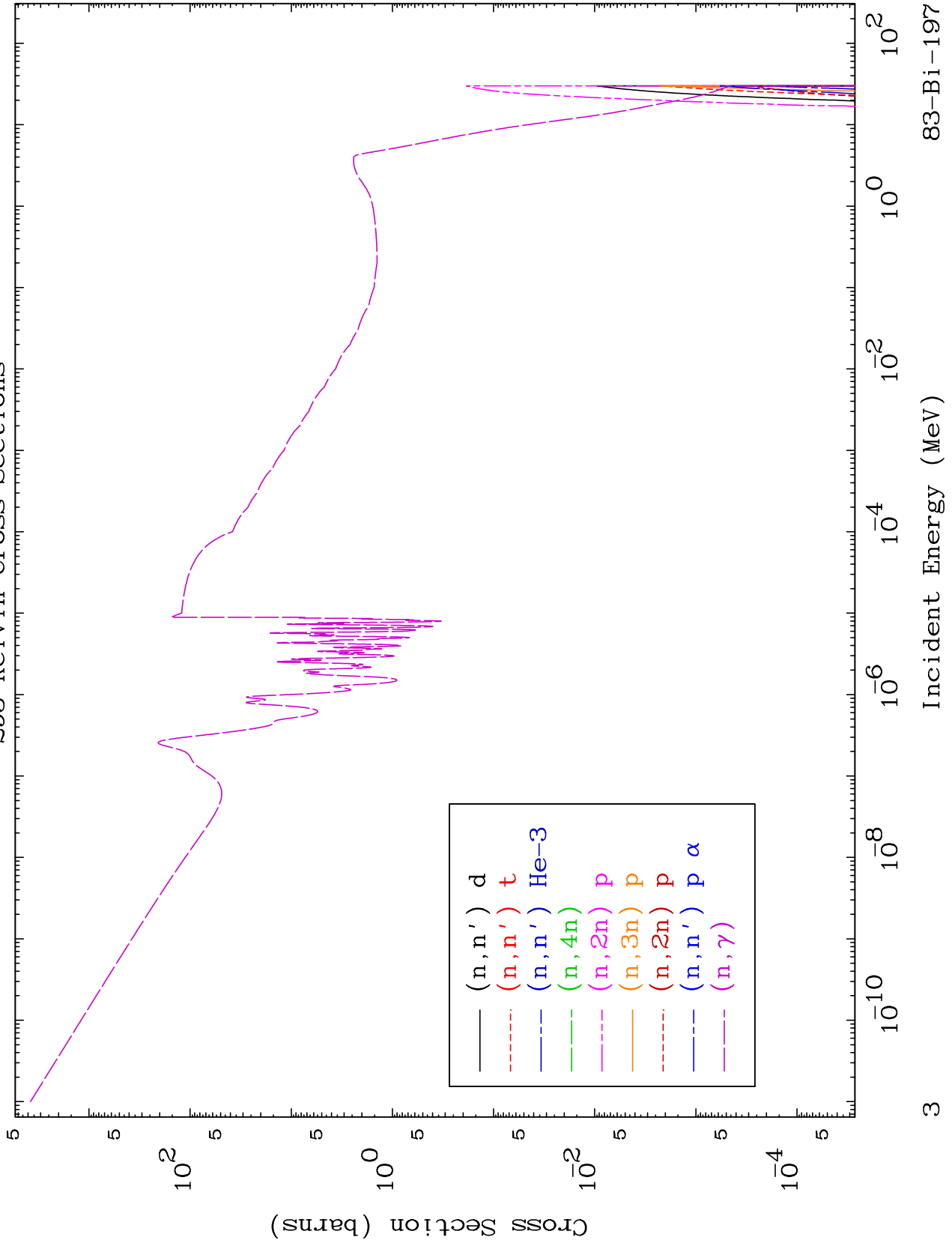
83-Bi-197



MAT 8289

Neutron Absorption
293 Kelvin Cross Sections

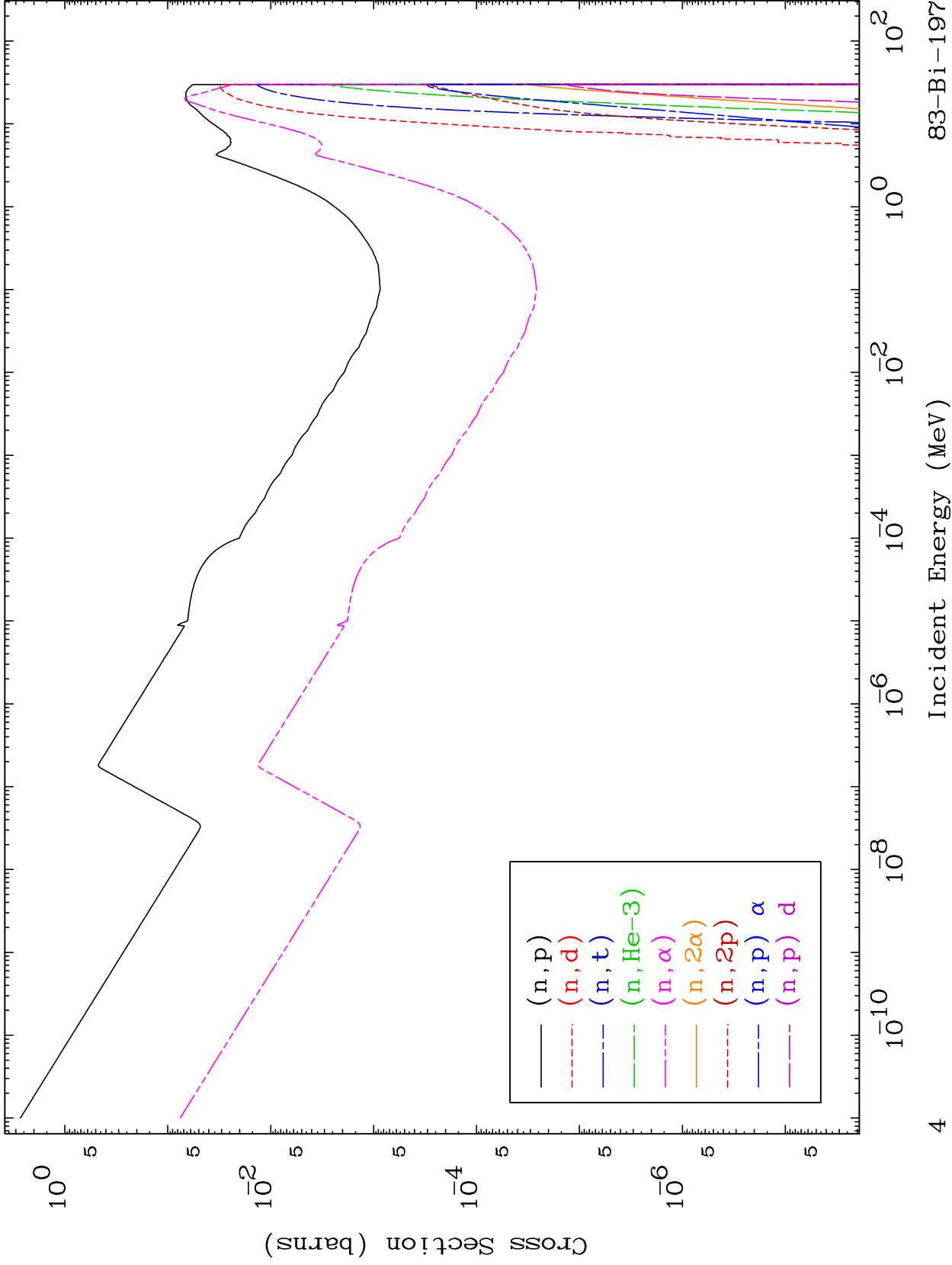
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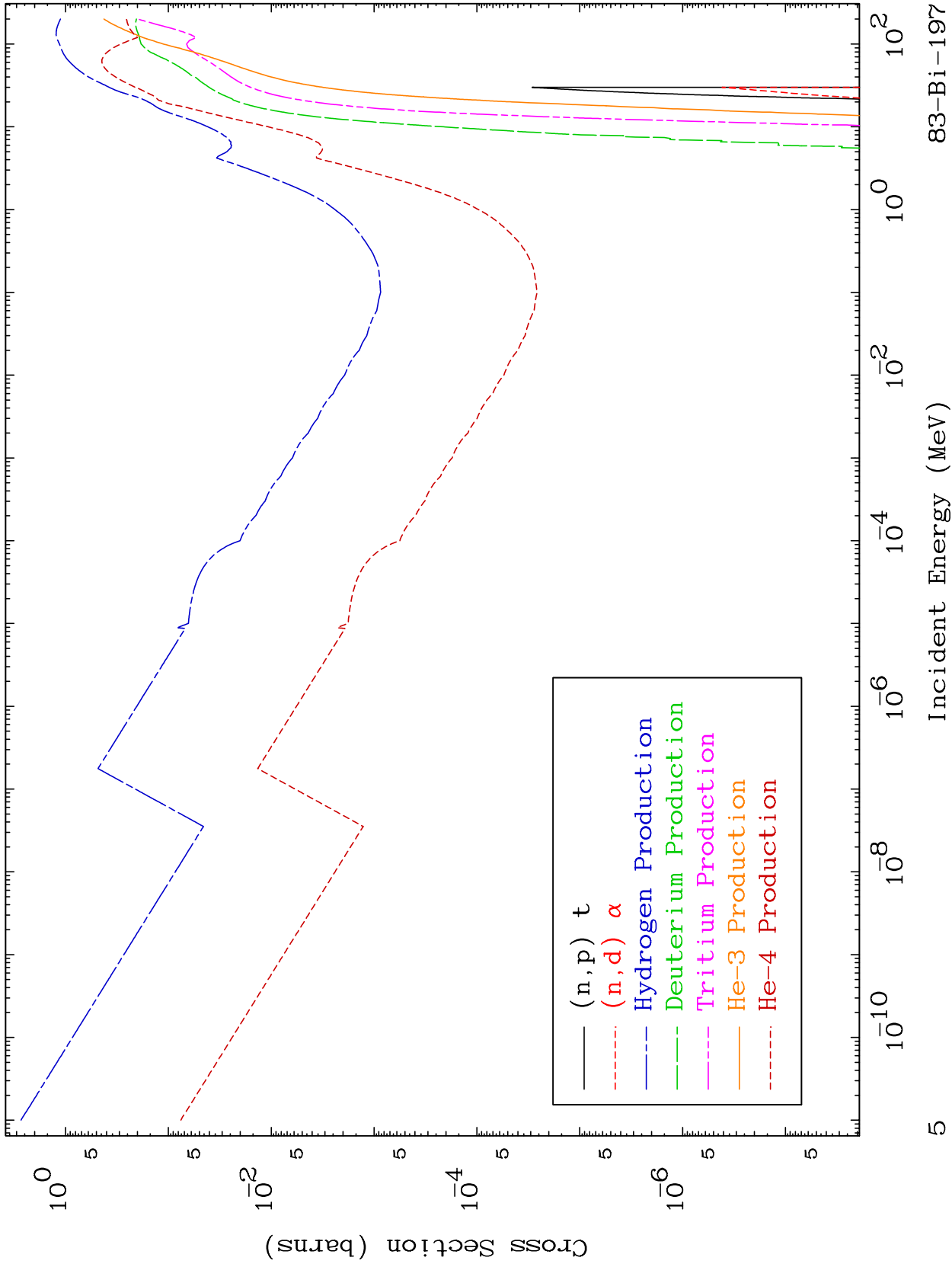


MAT 8289

Neutron Absorption
293 Kelvin Cross Sections

83-Bi-197

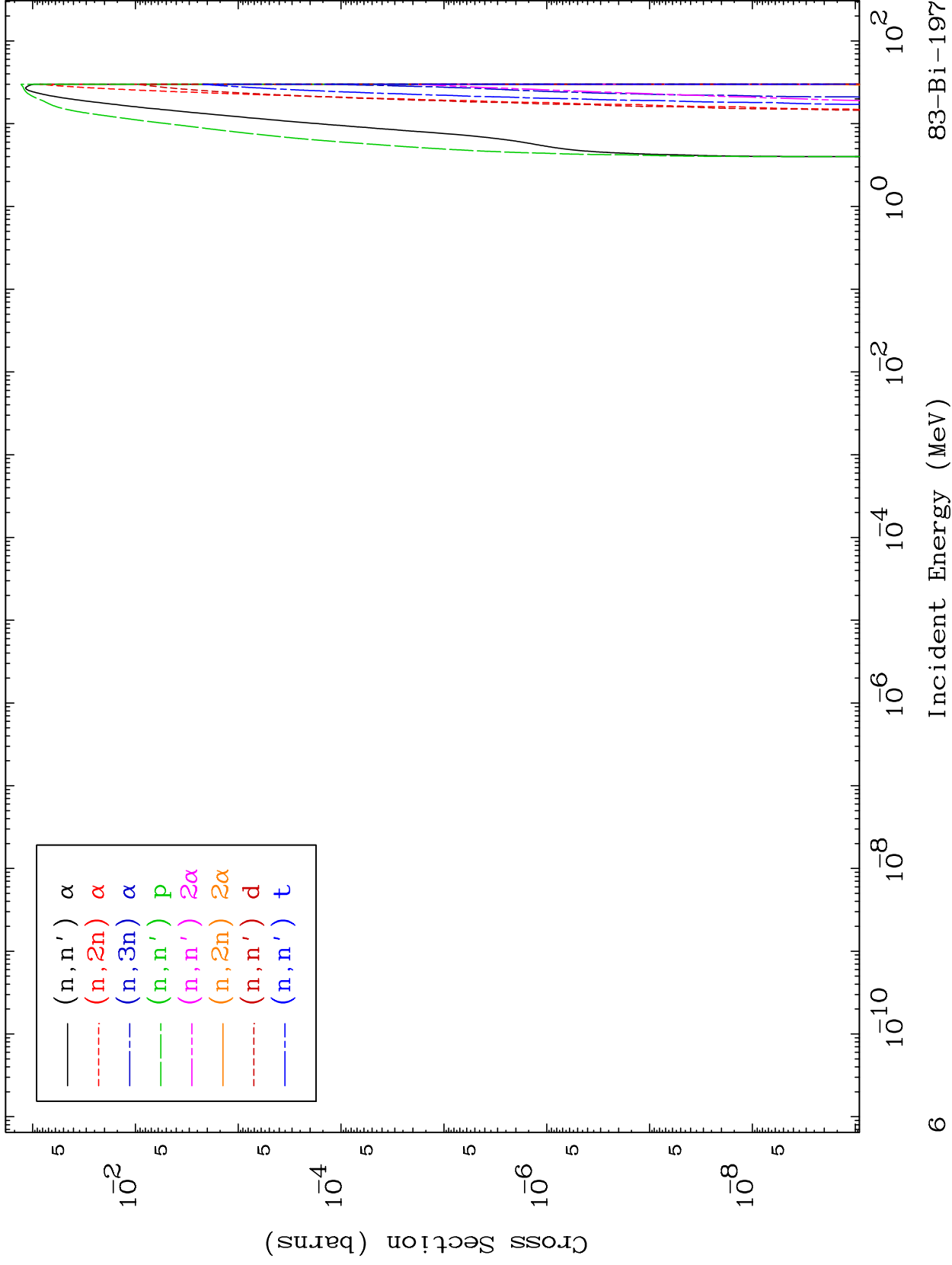




MAT 8289

Charged Particle
293 Kelvin Cross Sections

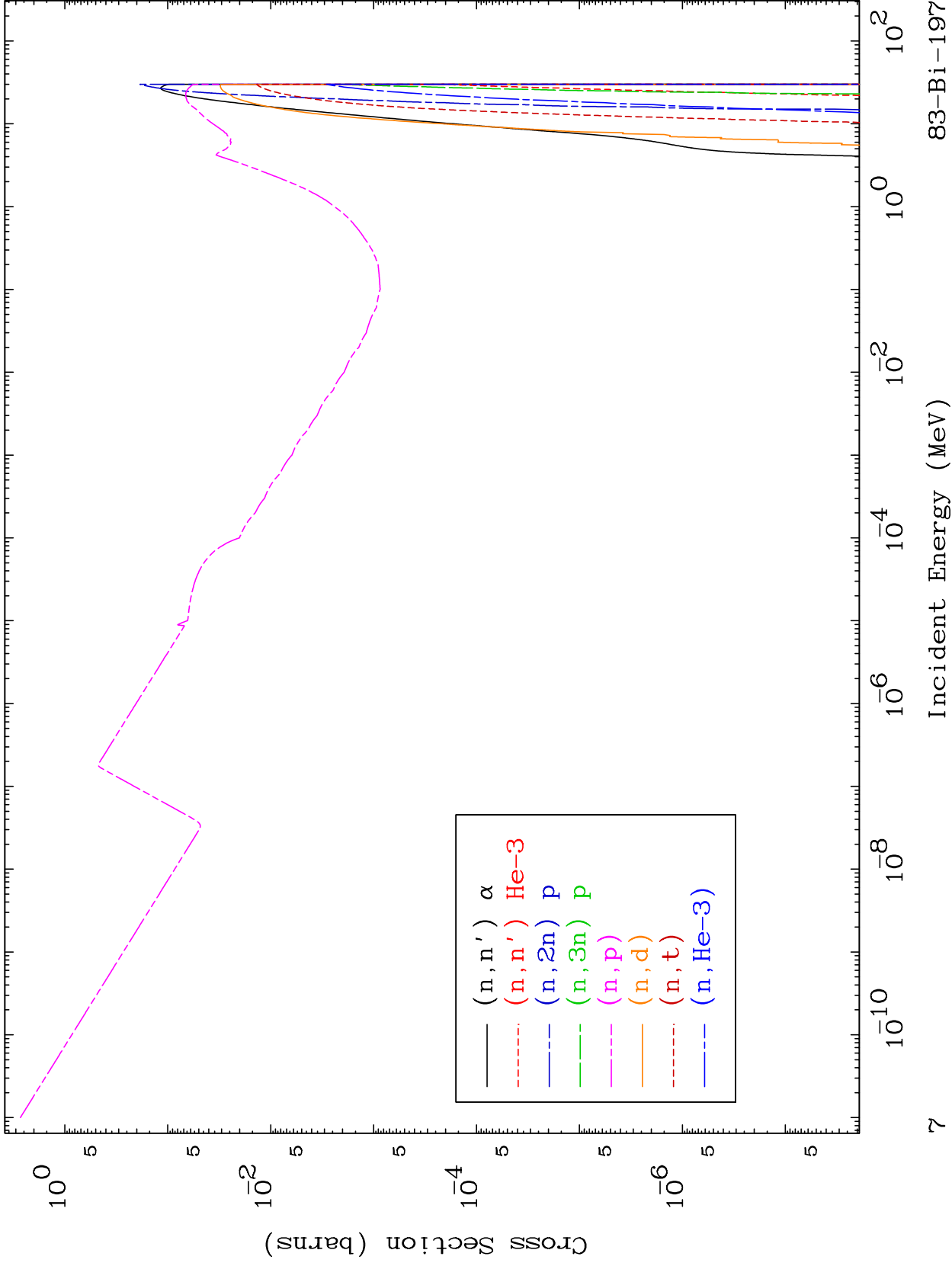
83-Bi-197



MAT 8289

Charged Particle
293 Kelvin Cross Sections

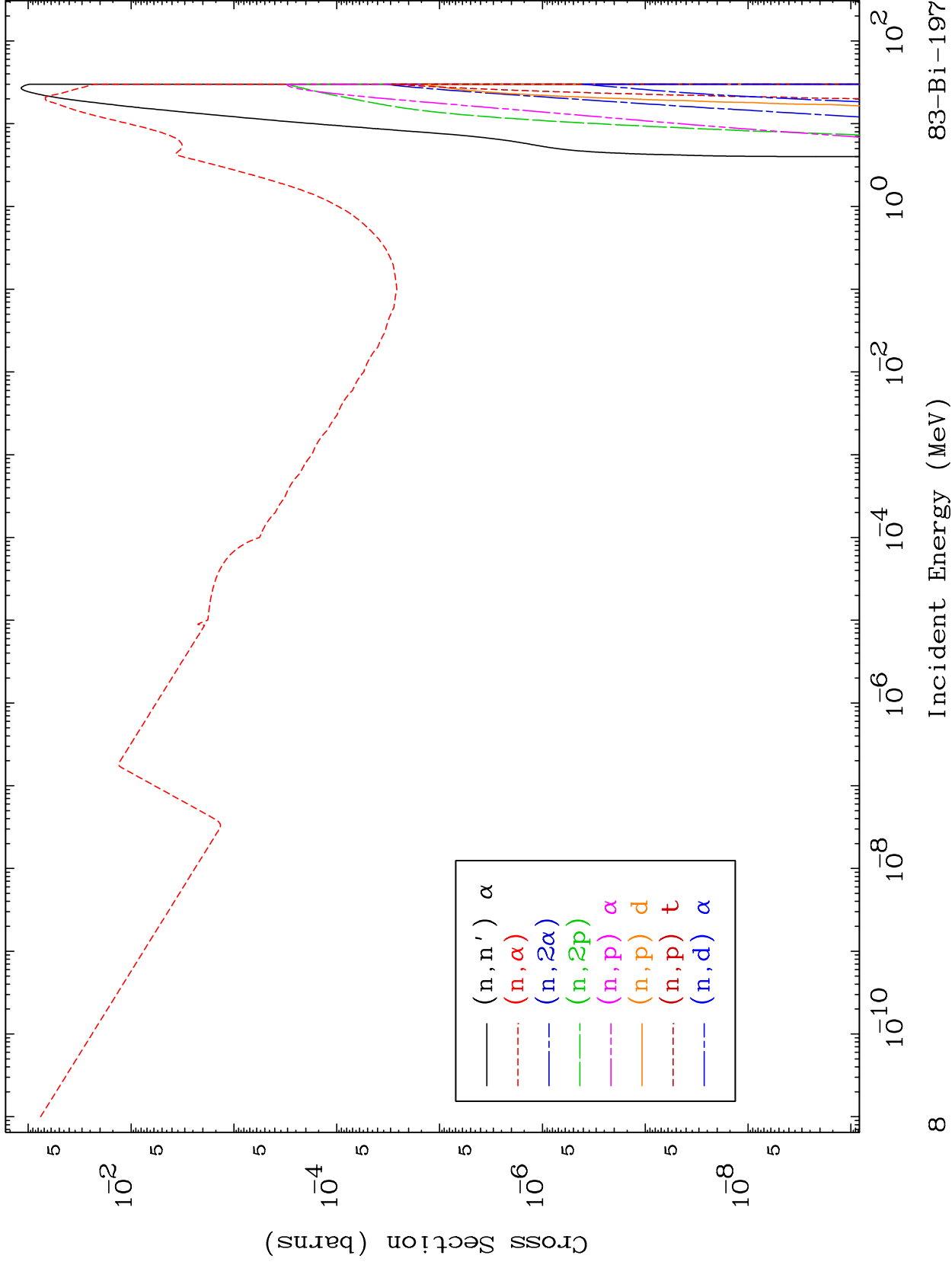
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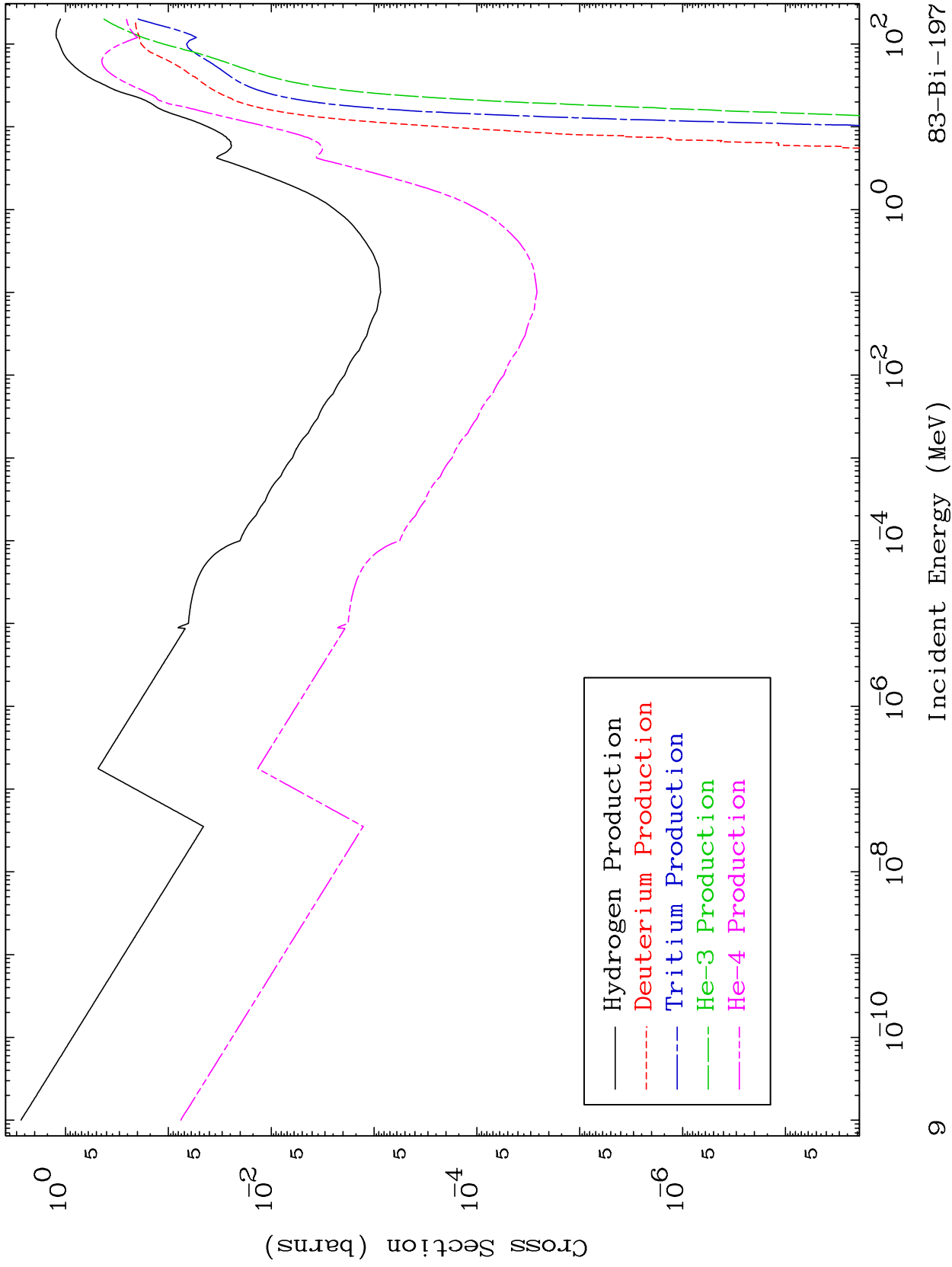


MAT 8289

Charged Particle
293 Kelvin Cross Sections

83-Bi-197



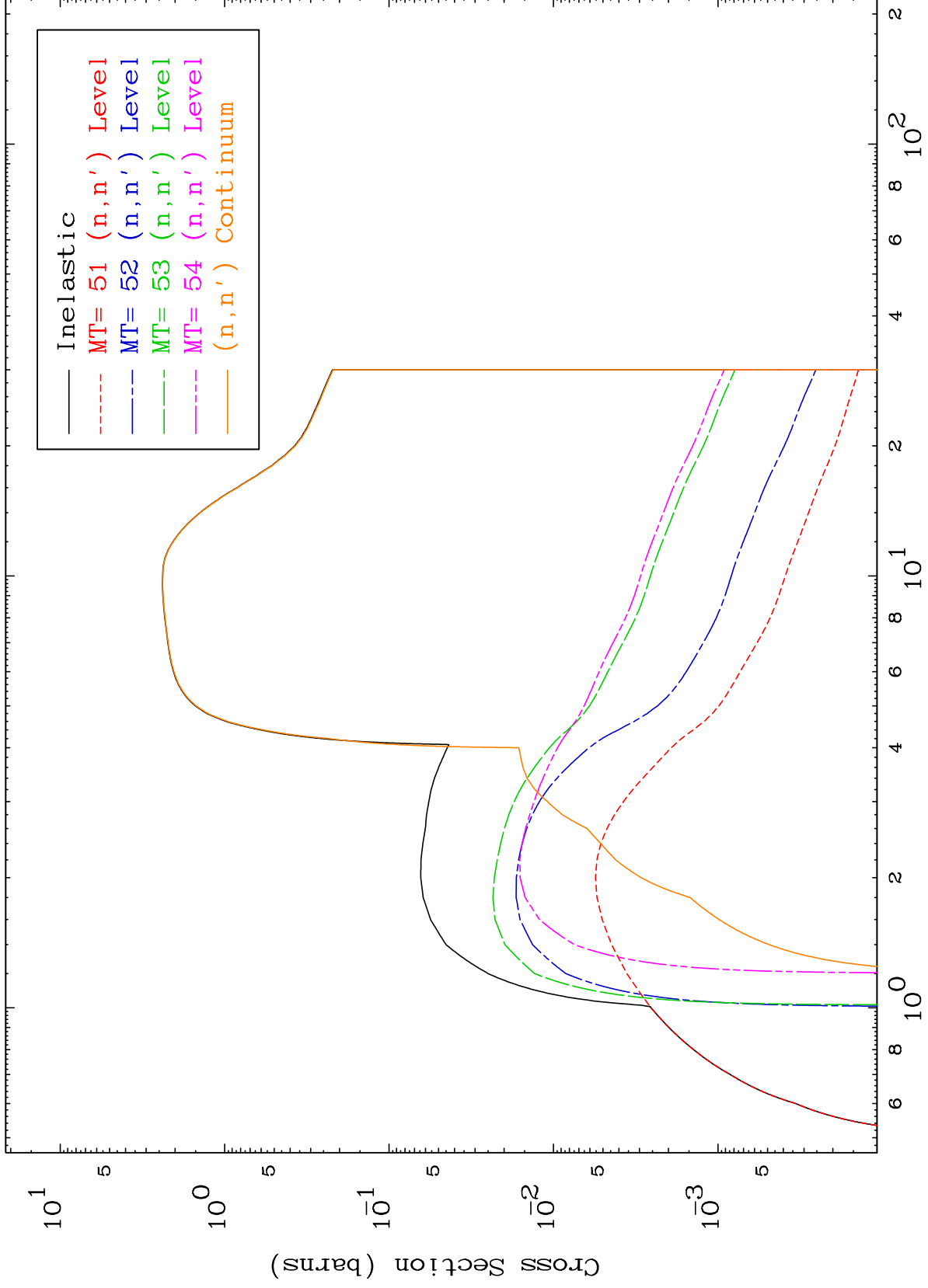


MAT 8289

(n,n') Levels

83-Bi-197

293 Kelvin Cross Sections



10

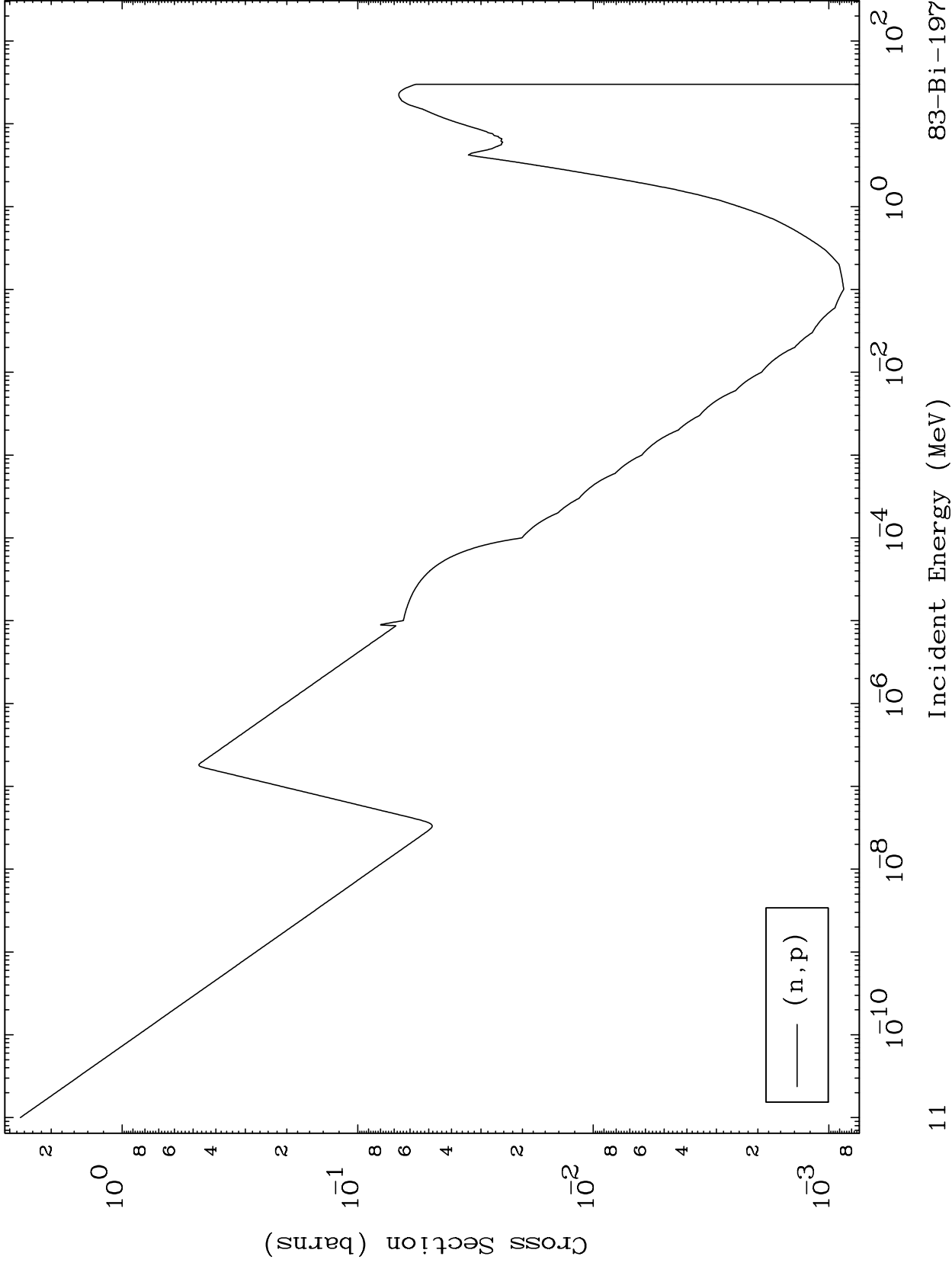
Incident Energy (MeV)

83-Bi-197

MAT 8289

(n,p) Levels
293 Kelvin Cross Sections

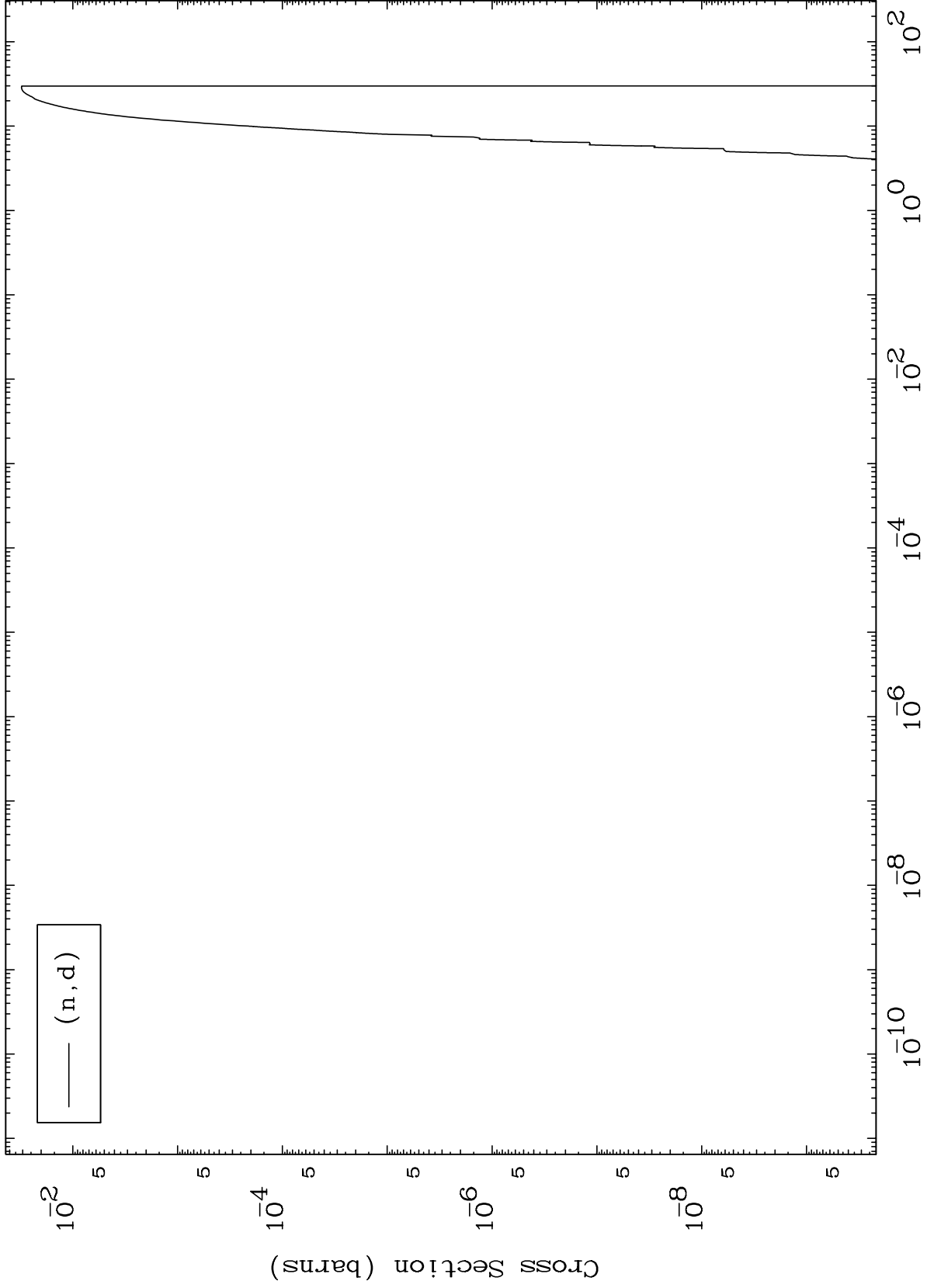
83-Bi-197



MAT 8289

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-197



12

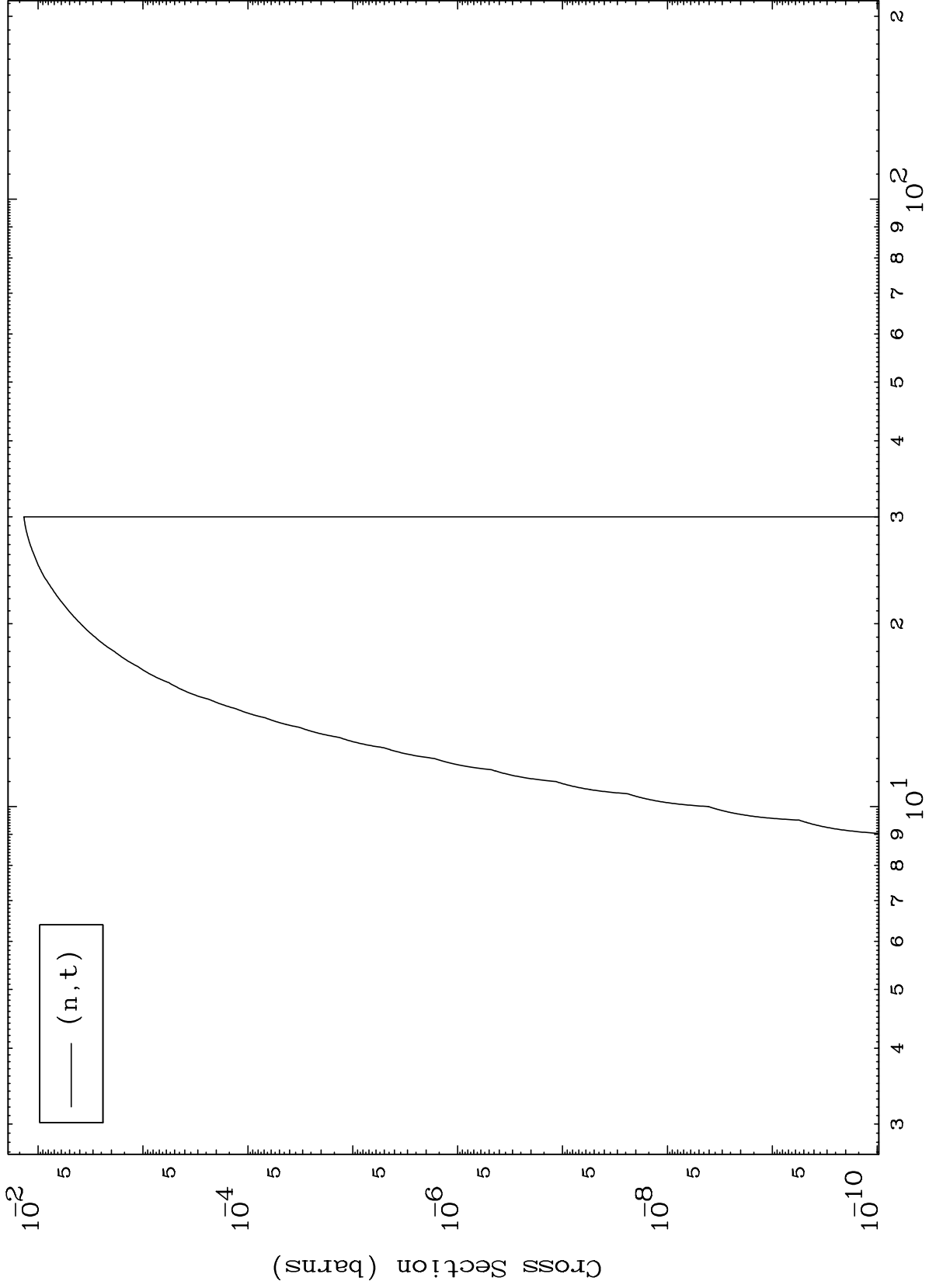
Incident Energy (MeV)

83-Bi-197

MAT 8289

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-197



13

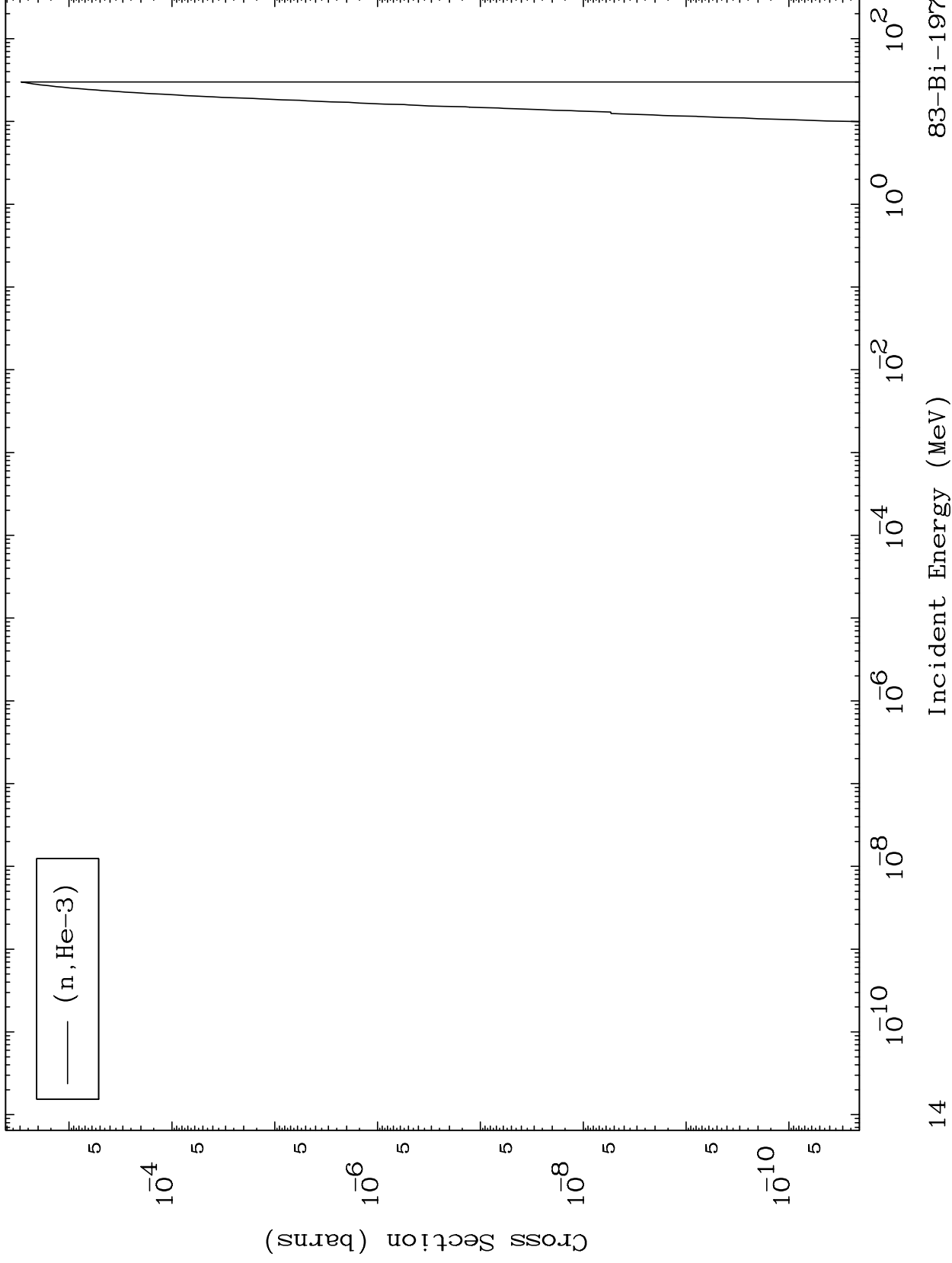
Incident Energy (MeV)

83-Bi-197

MAT 8289

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-197



14

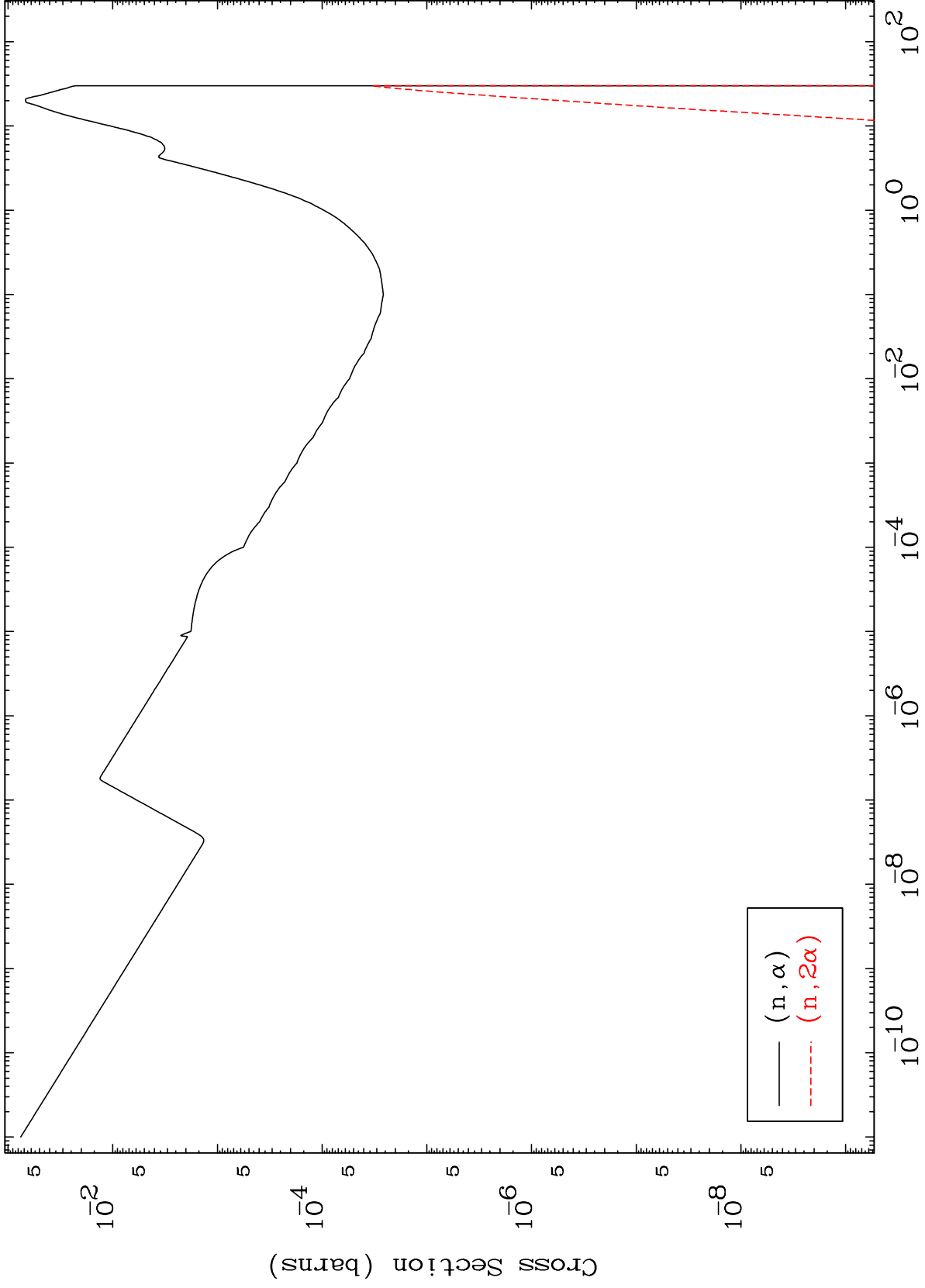
Incident Energy (MeV)

83-Bi-197

MAT 8289

(n,α) Levels
293 Kelvin Cross Sections

83-Bi-197



15

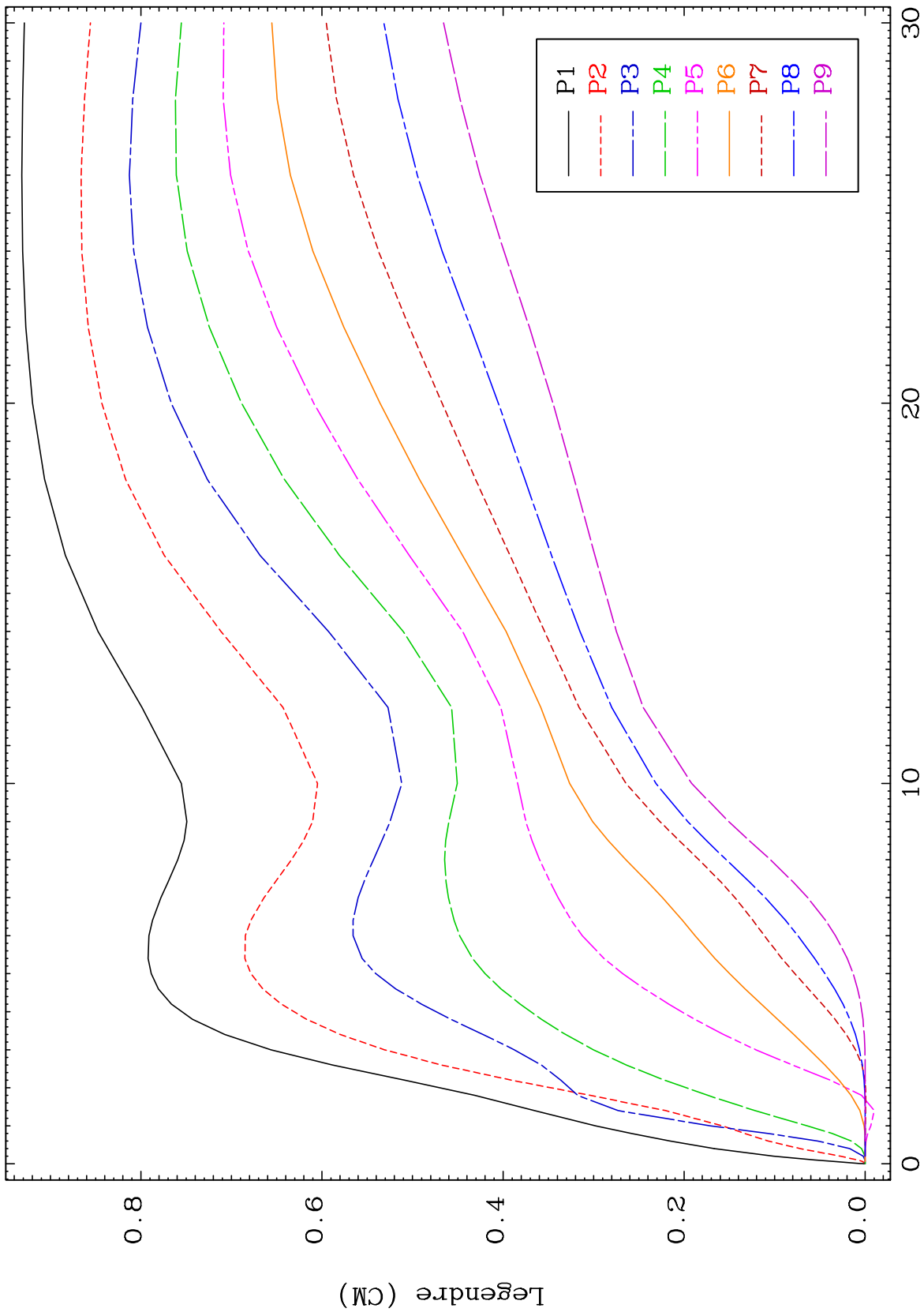
Incident Energy (MeV)

83-Bi-197

MAT 8289

83-Bi-197

Elastic Legendre Coefficients



16

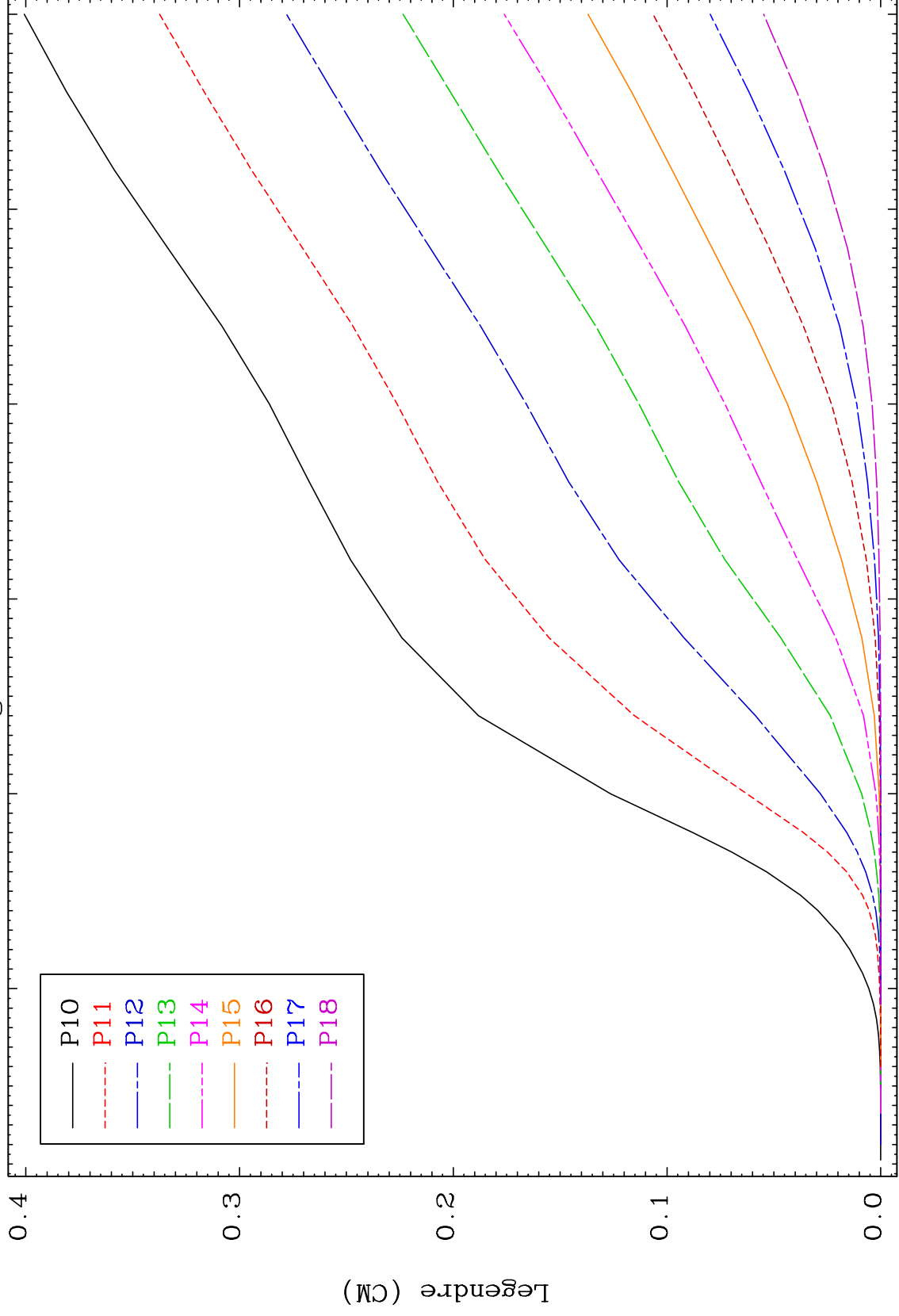
Incident Energy (MeV)

83-Bi-197

MAT 8289

Elastic Legendre Coefficients

⁸³Bi-197



17

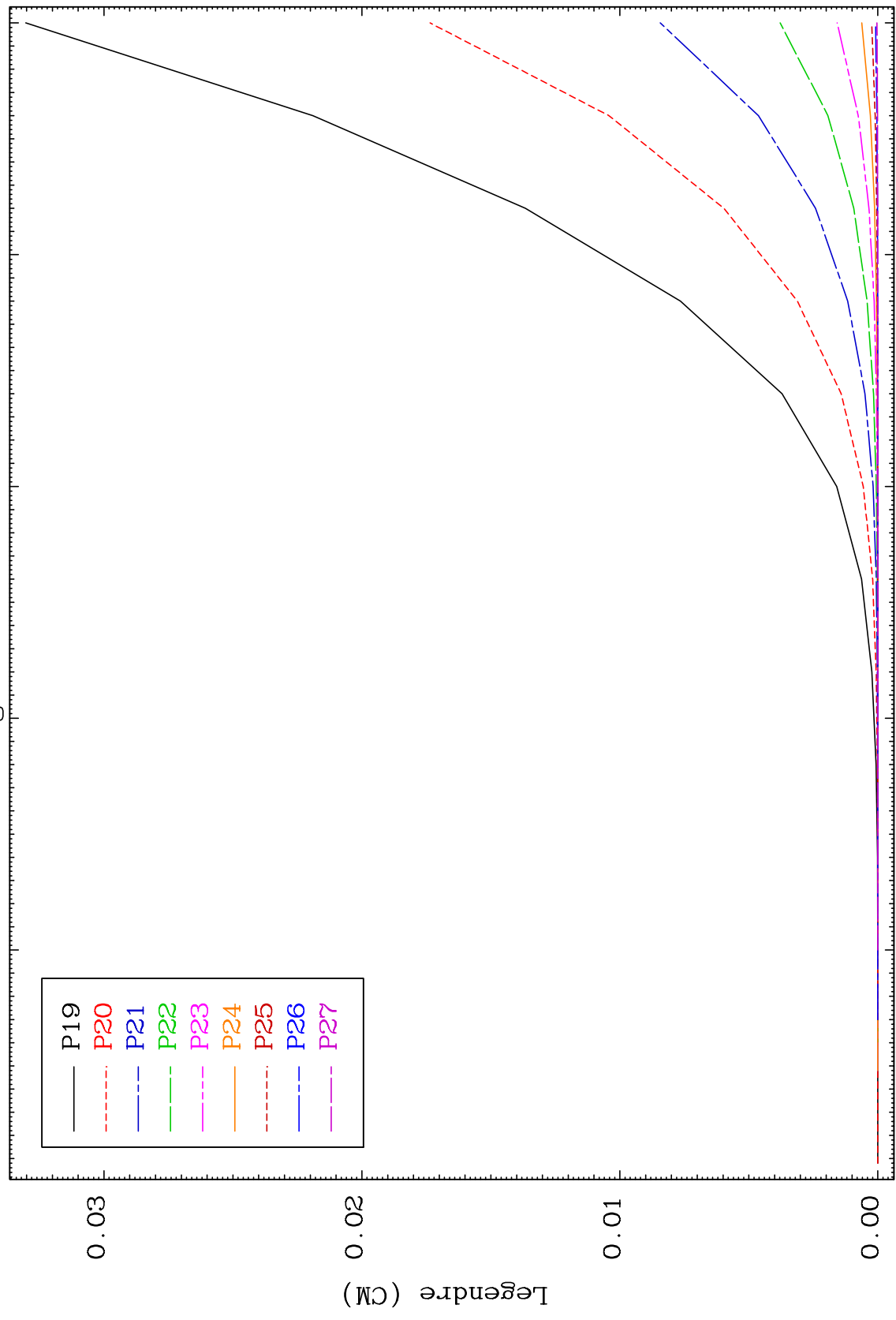
Incident Energy (MeV)

⁸³Bi-197

MAT 8289

Elastic Legendre Coefficients

83-Bi-197



18

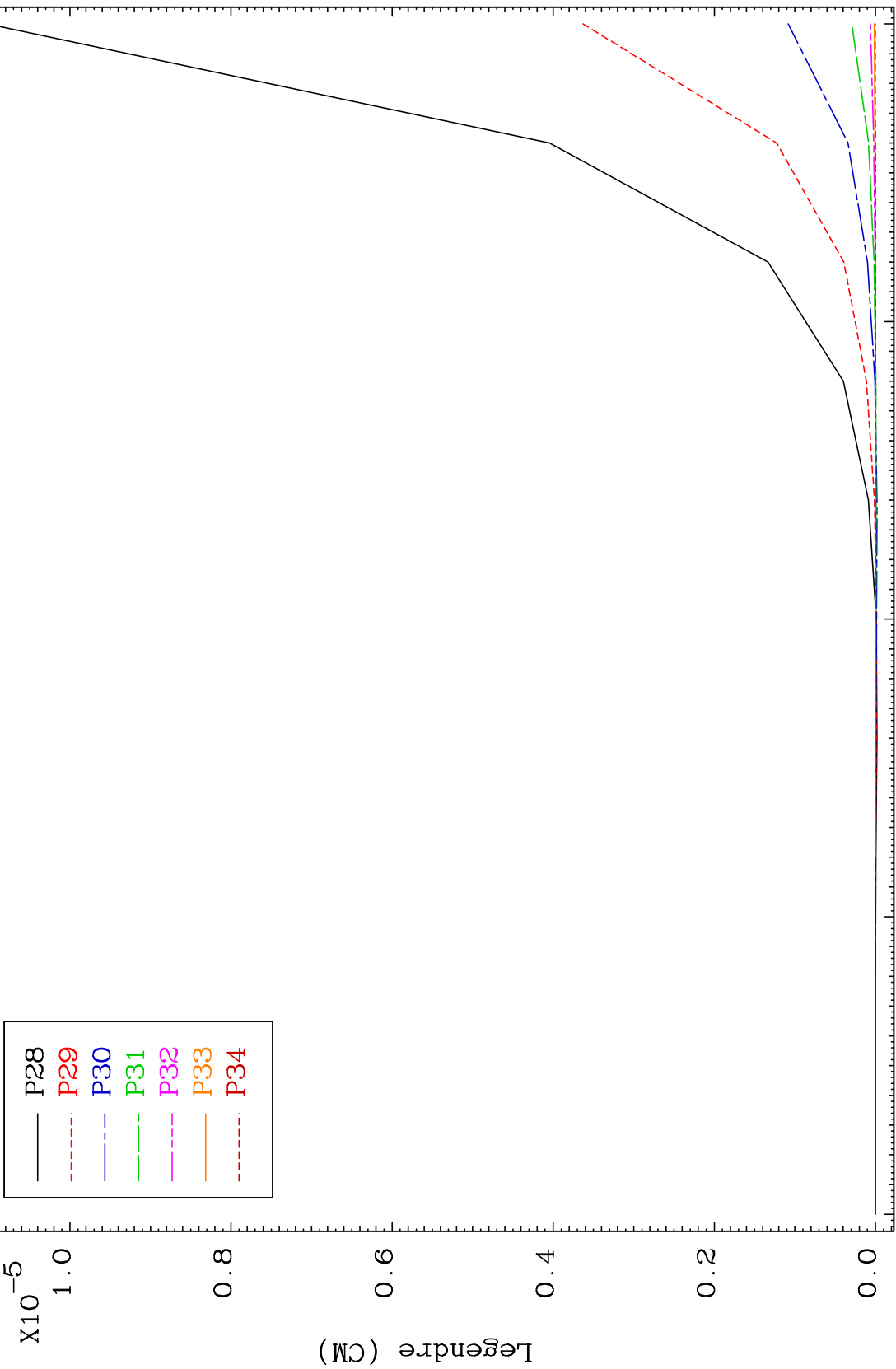
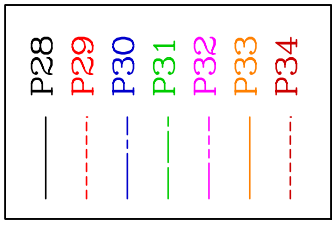
Incident Energy (MeV)

83-Bi-197

MAT 8289

Elastic Legendre Coefficients

83-Bi-197



19

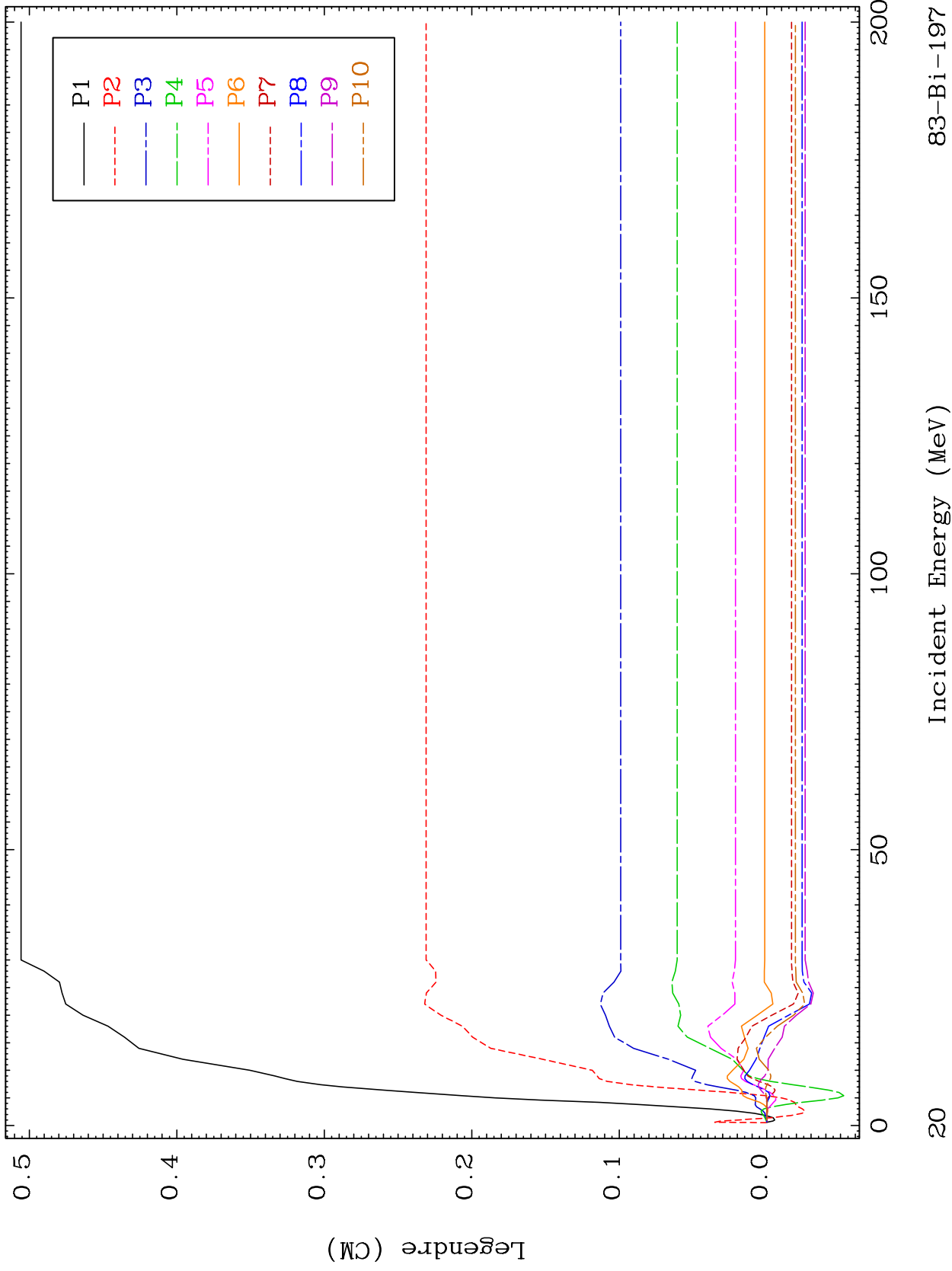
Incident Energy (MeV)

83-Bi-197

MAT 8289

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

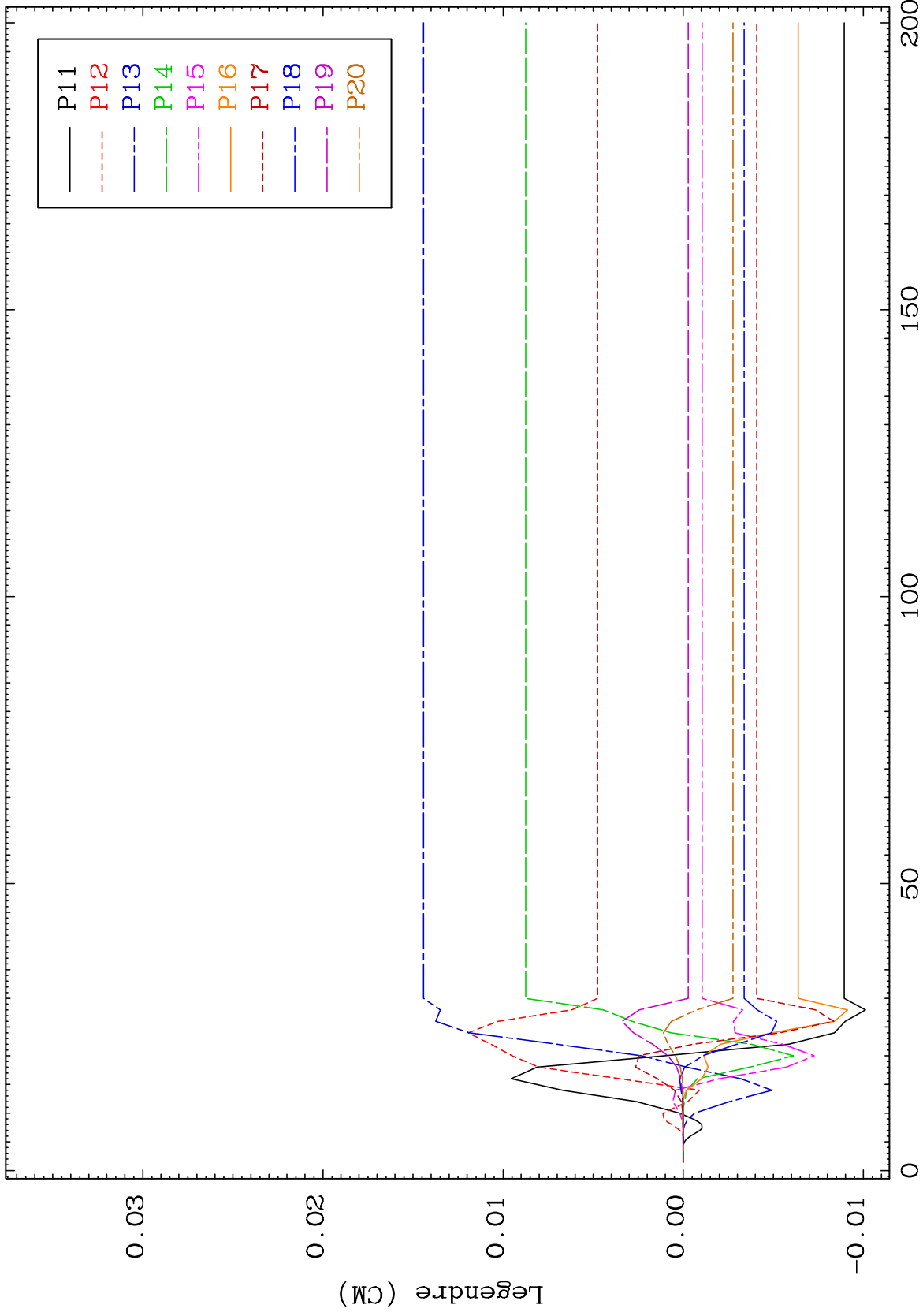
83-Bi-197



MAT 8289

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

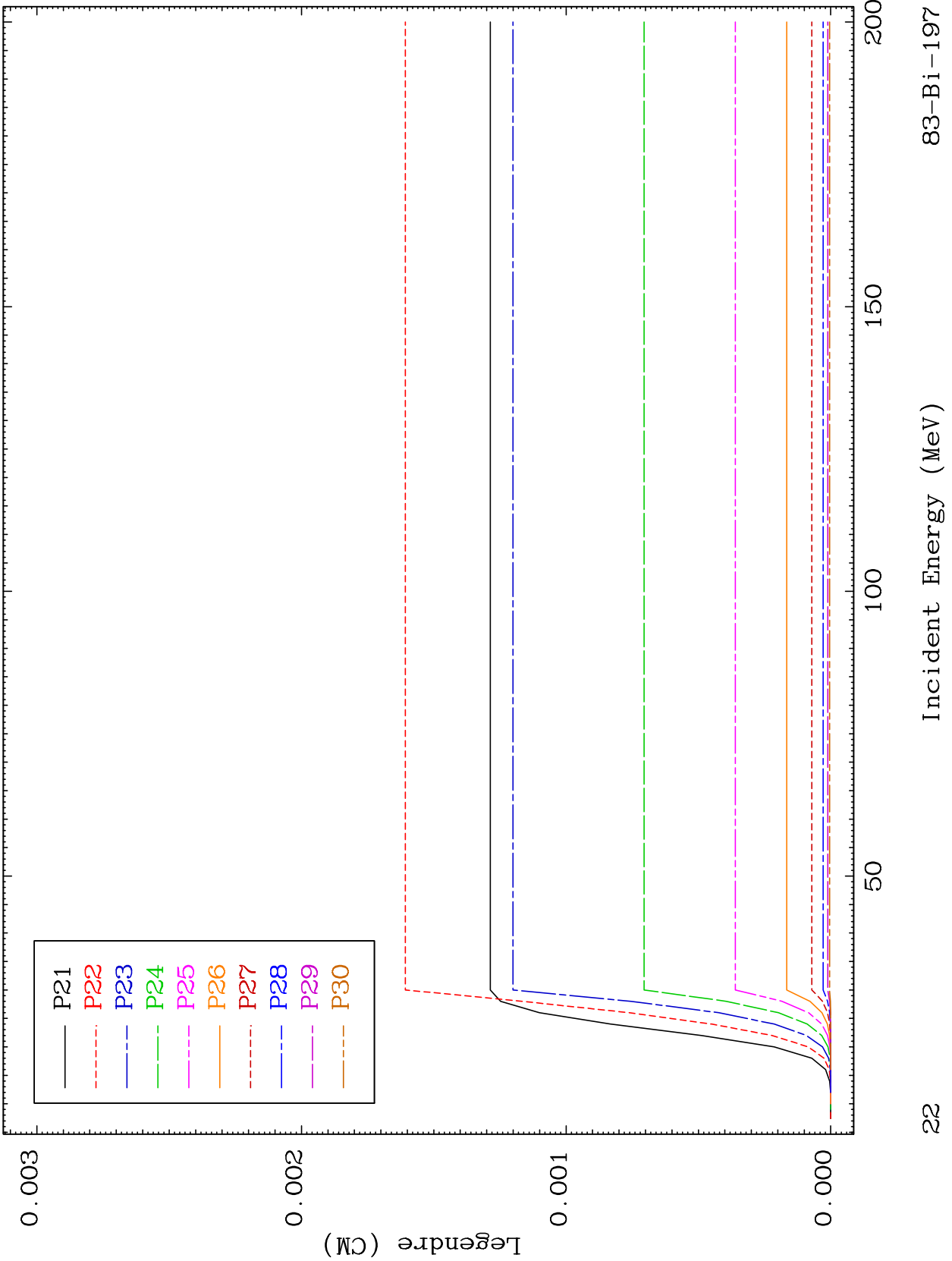
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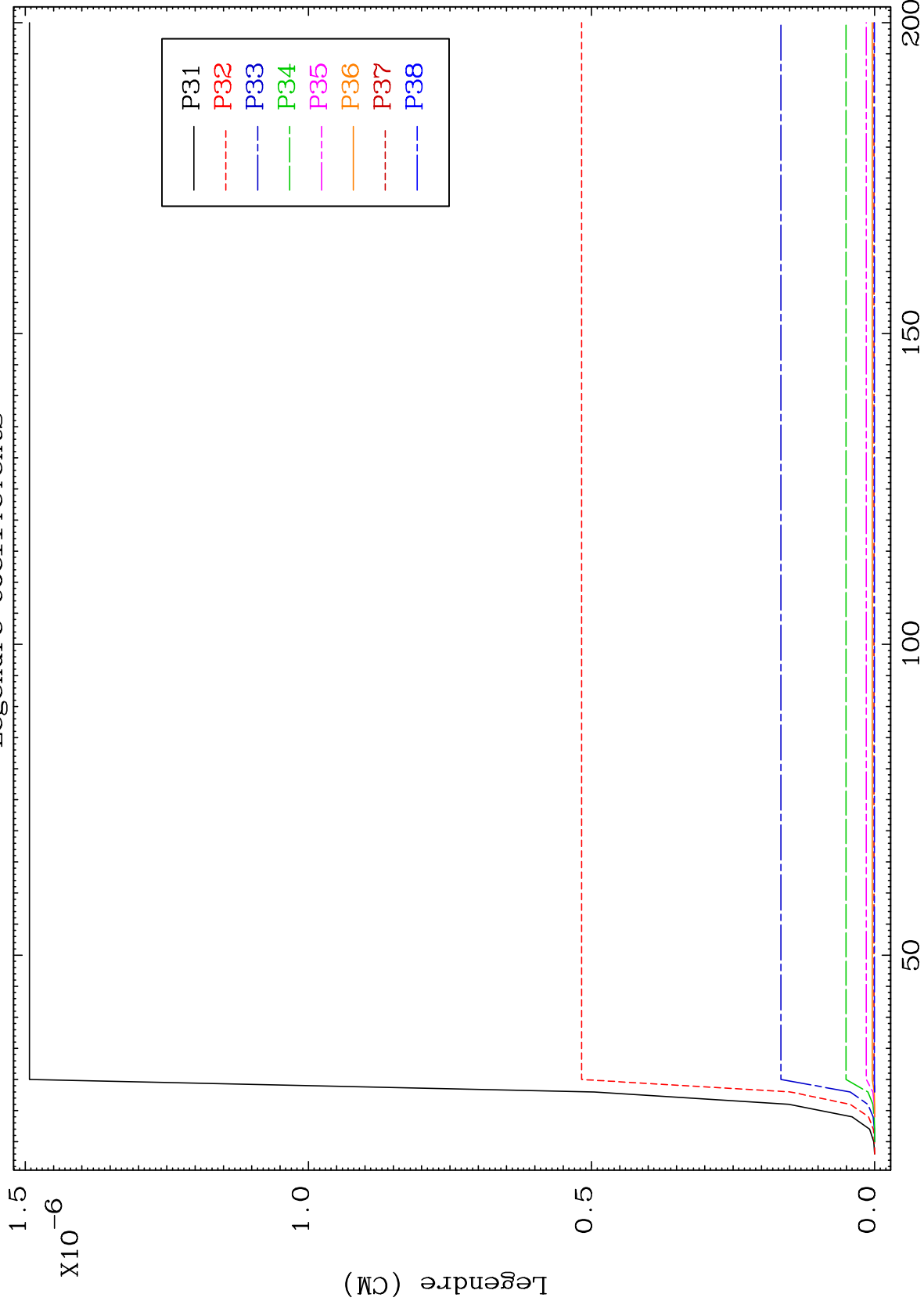


21

Incident Energy (MeV)

83-Bi-197

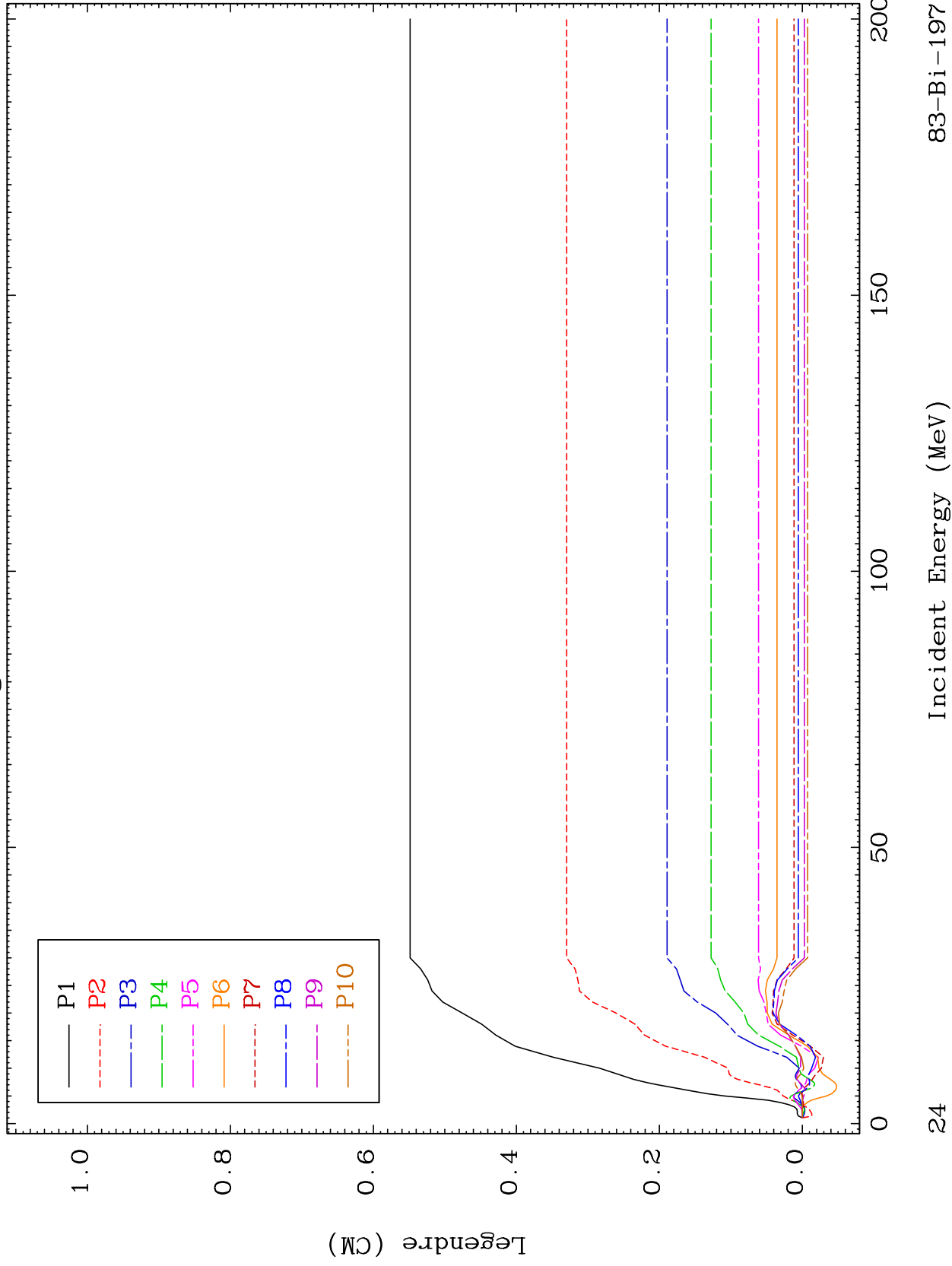




MAT 8289

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

83-Bi-197

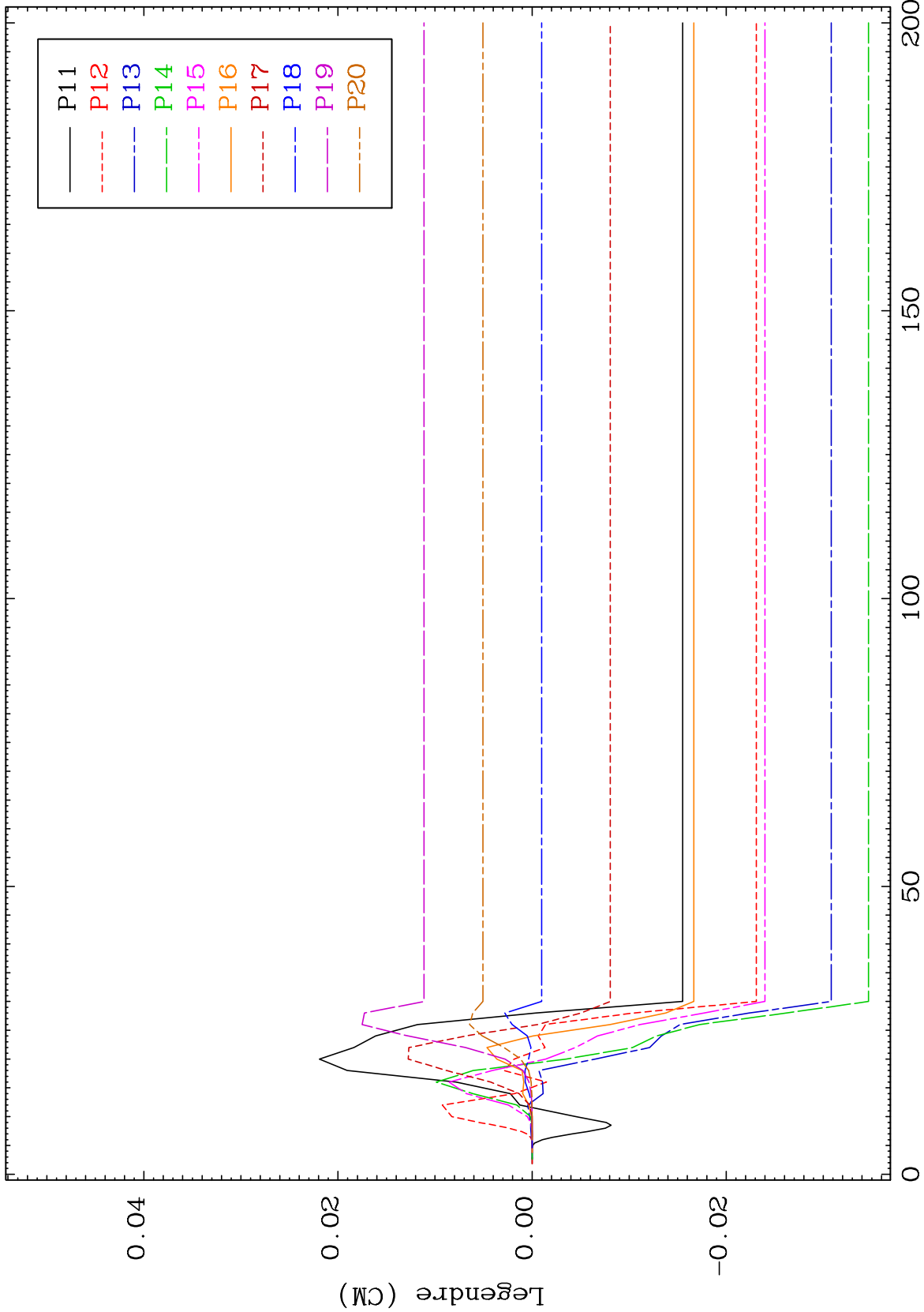


24

MAT 8289

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

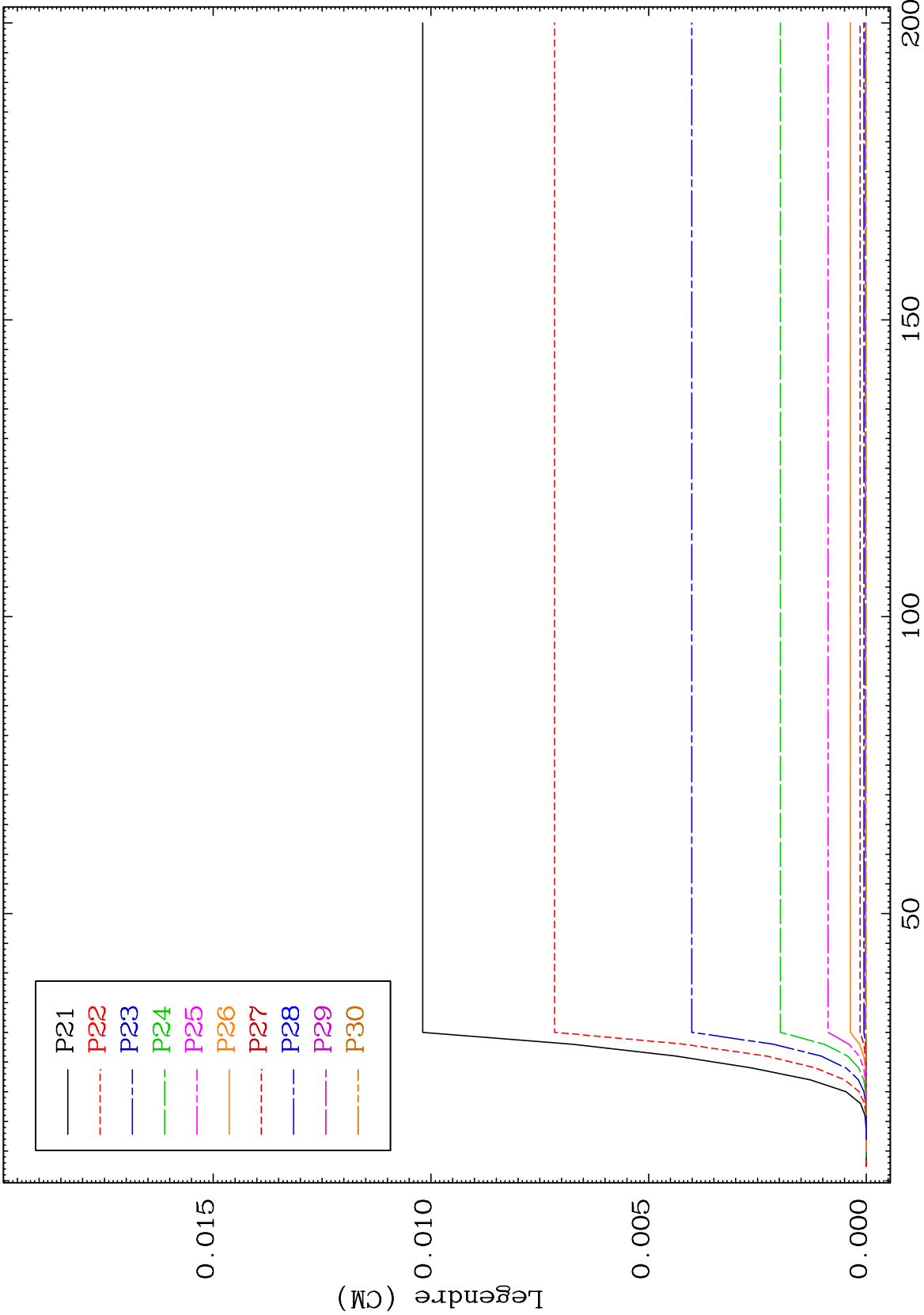
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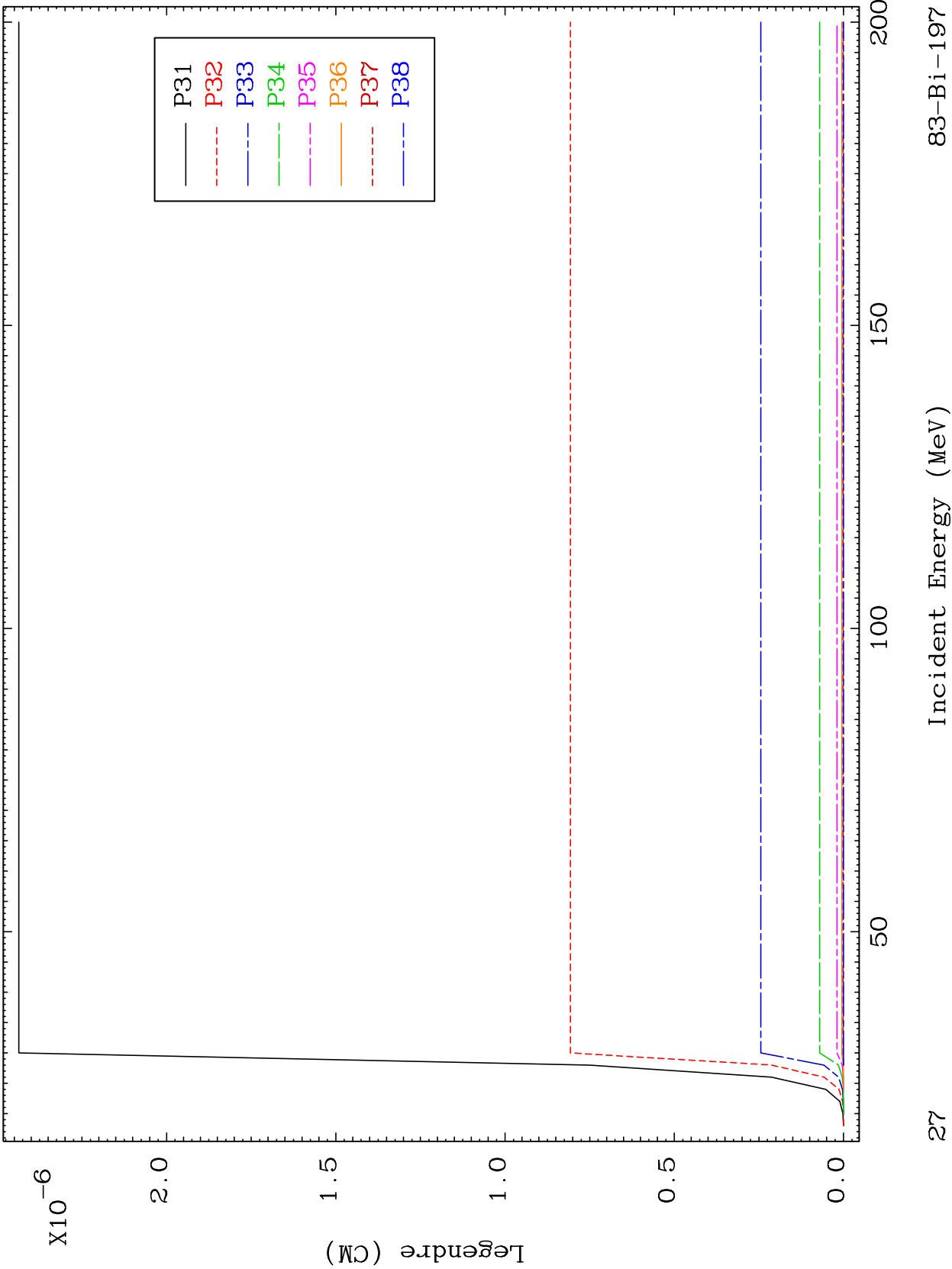


25

Incident Energy (MeV)

83-Bi-197

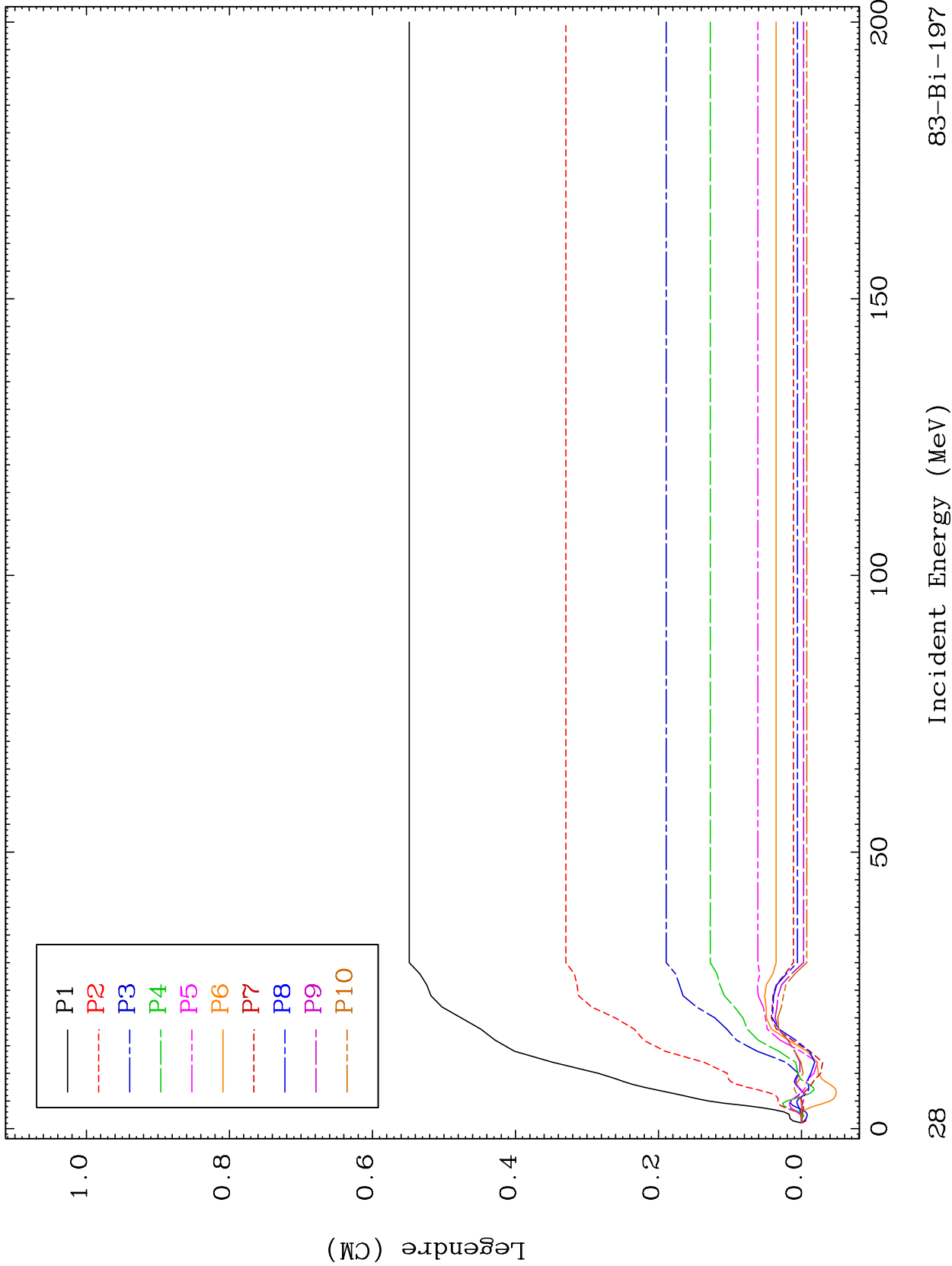




MAT 8289

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

83-Bi-197



83-Bi-197

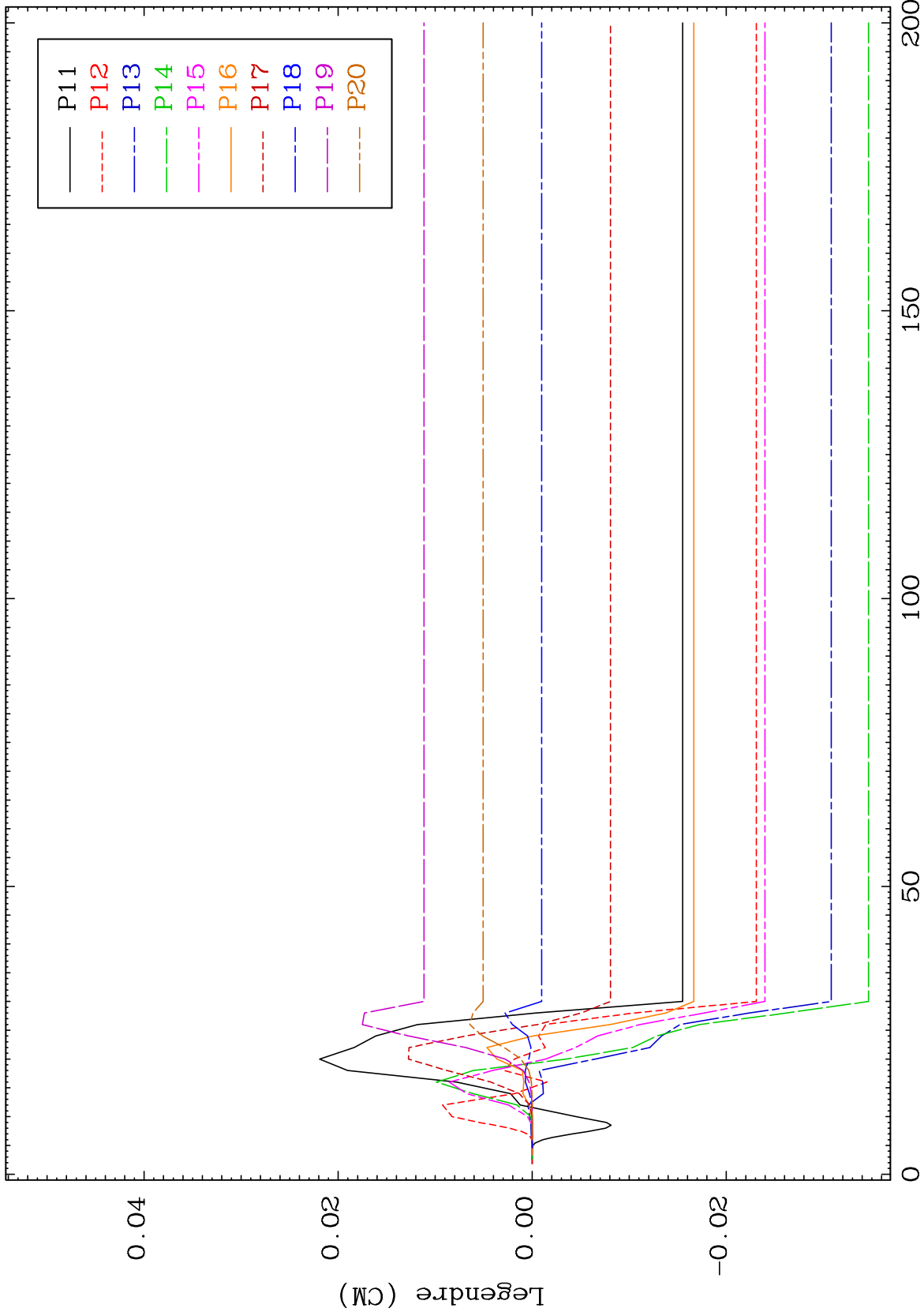
Incident Energy (MeV)

28

MAT 8289

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

83-Bi-197



29

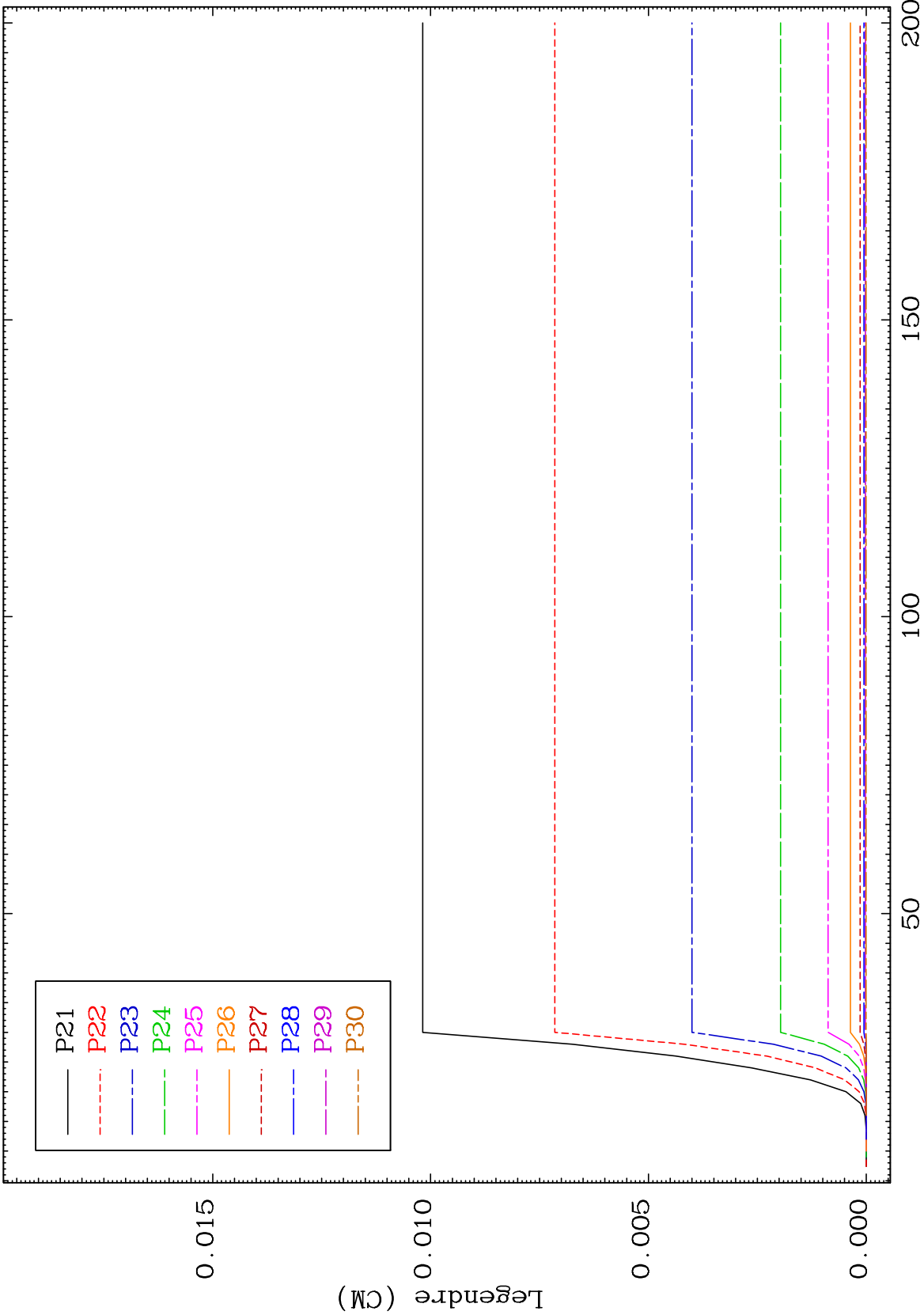
Incident Energy (MeV)

83-Bi-197

MAT 8289

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

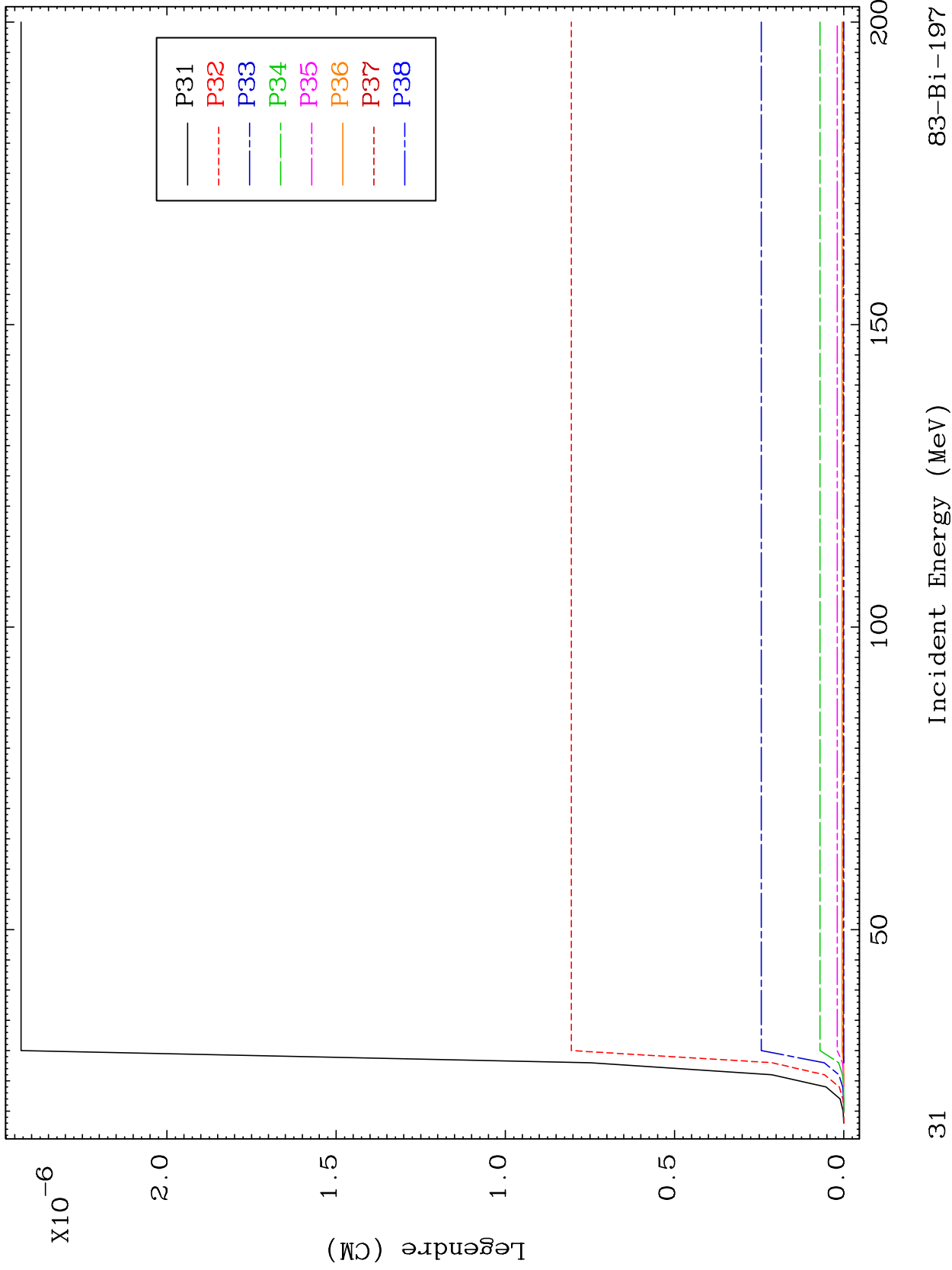
83-Bi-197



30

Incident Energy (MeV)

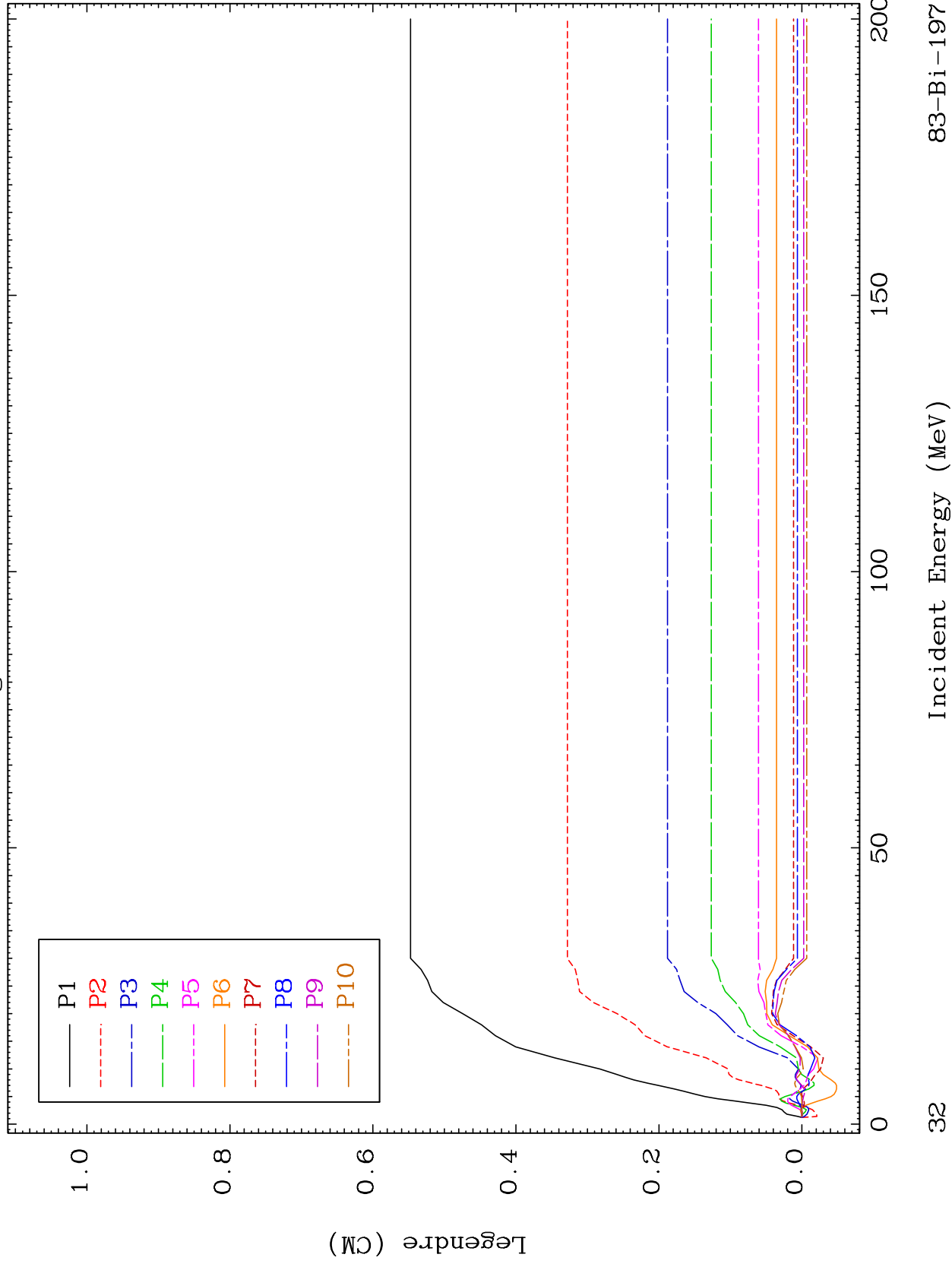
83-Bi-197



MAT 8289

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

83-Bi-197

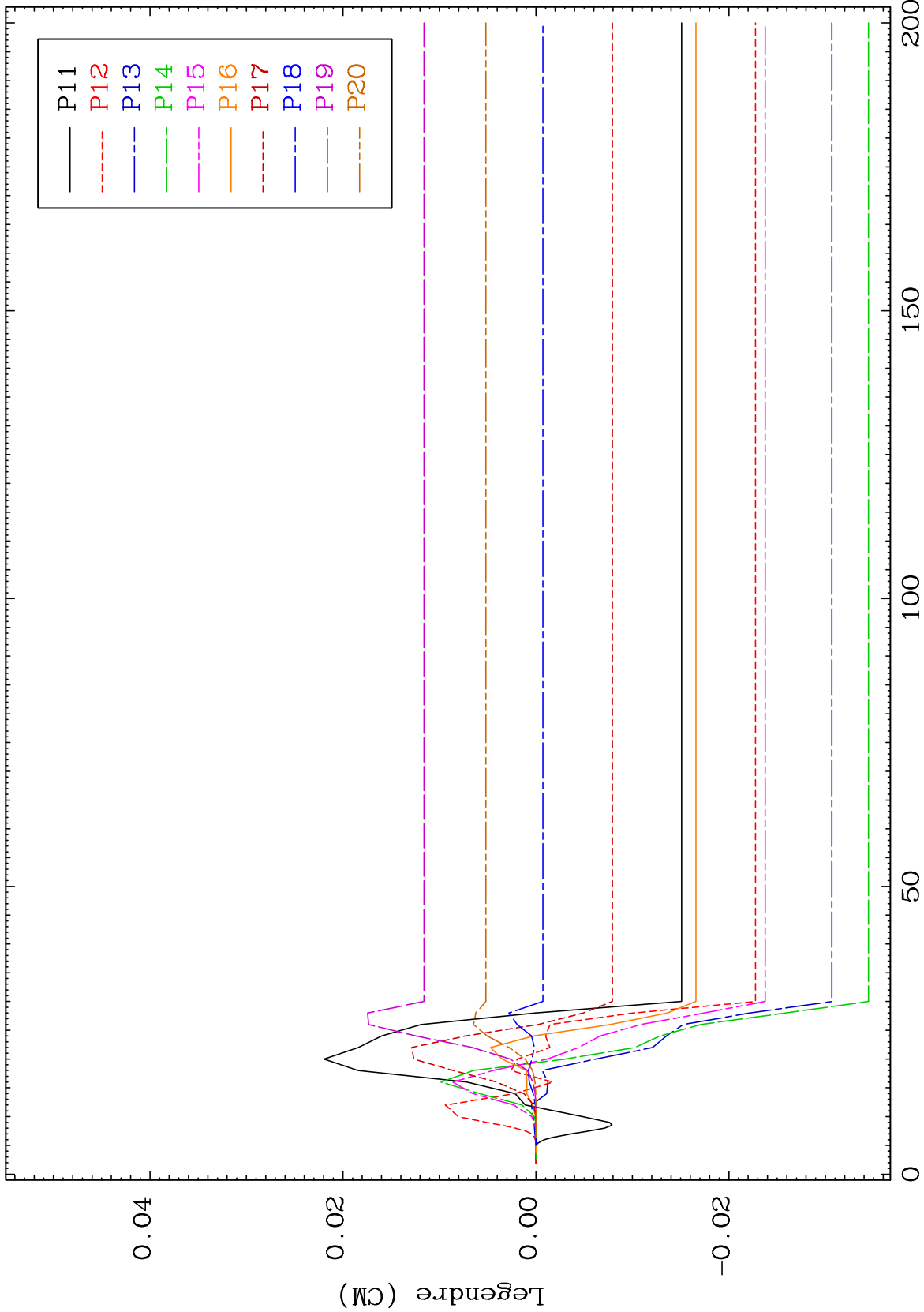


32

MAT 8289

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

83-Bi-197



33

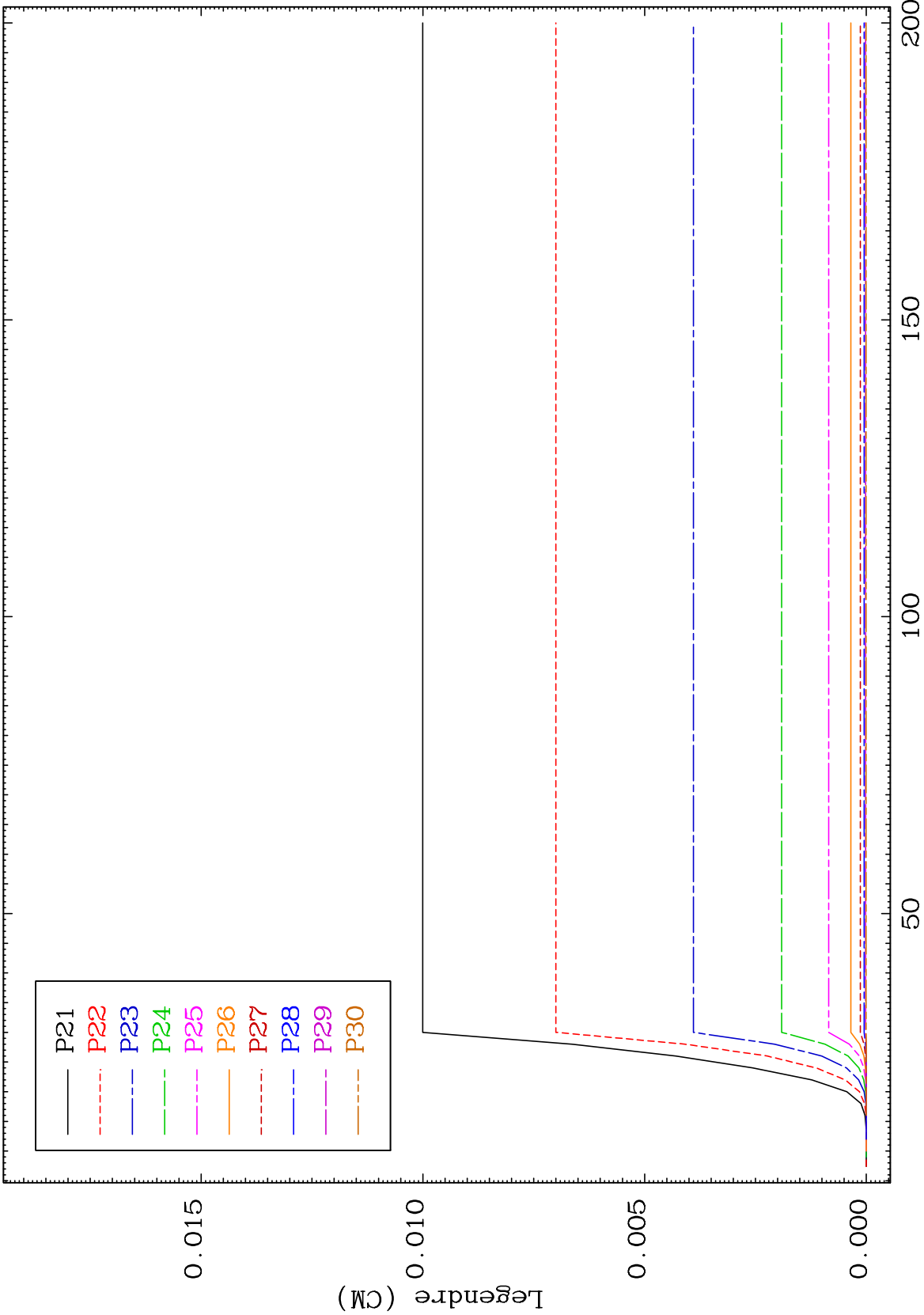
Incident Energy (MeV)

83-Bi-197

MAT 8289

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

83-Bi-197



34

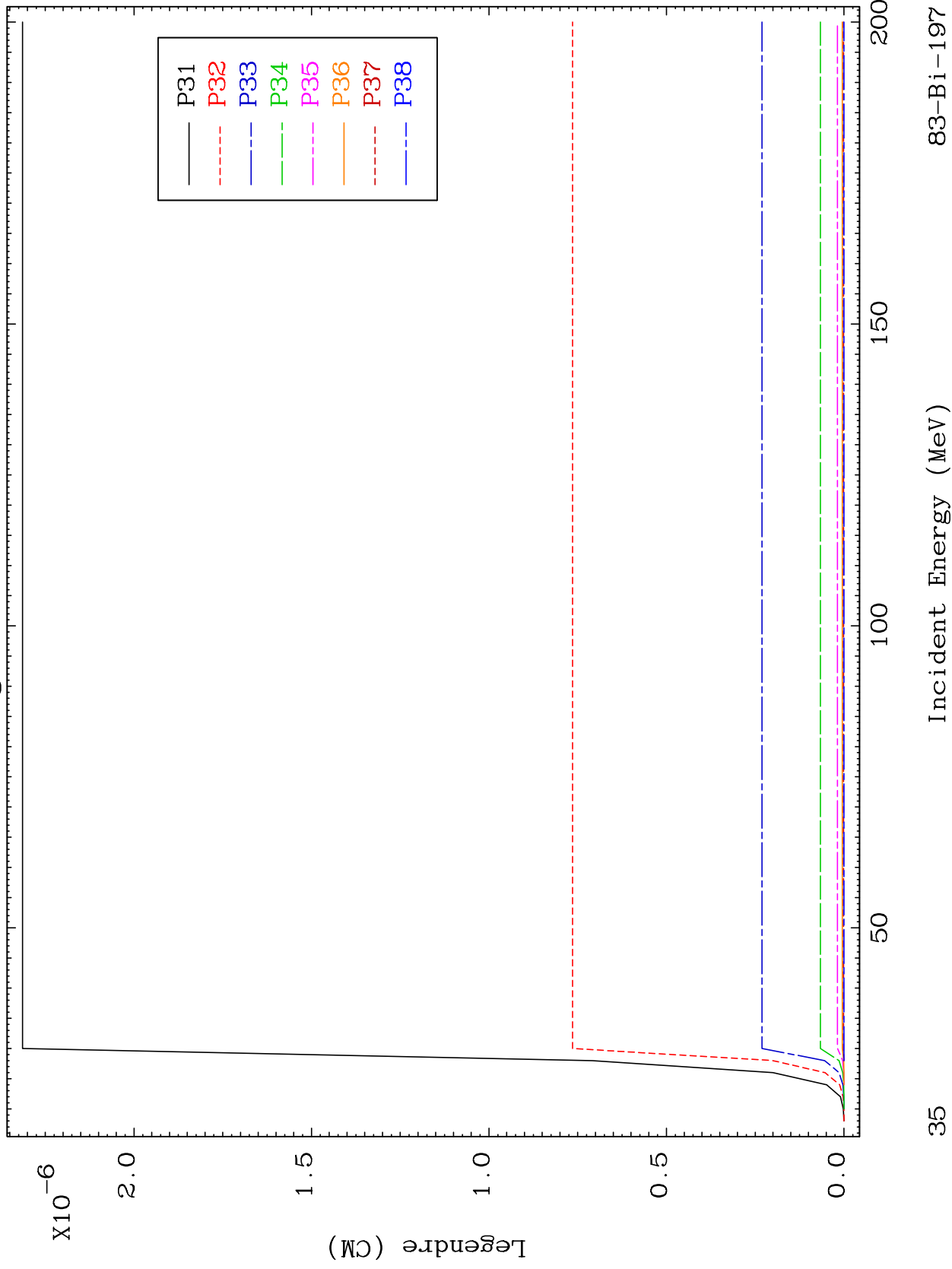
Incident Energy (MeV)

83-Bi-197

MAT 8289

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

83-Bi-197



35

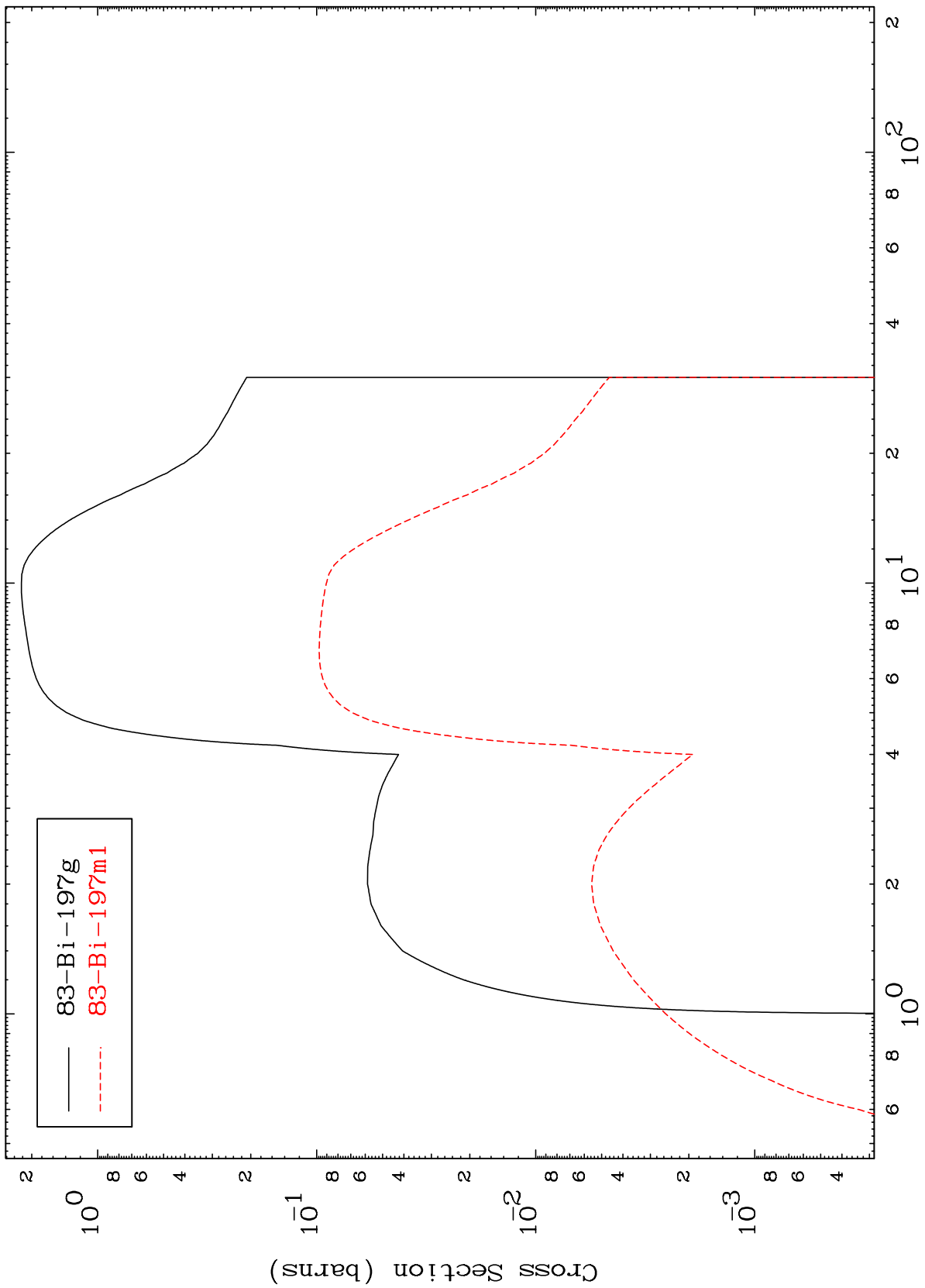
Incident Energy (MeV)

83-Bi-197

MAT 8289

83-Bi-197

Inelastic
Radionuclide Production Cross Section



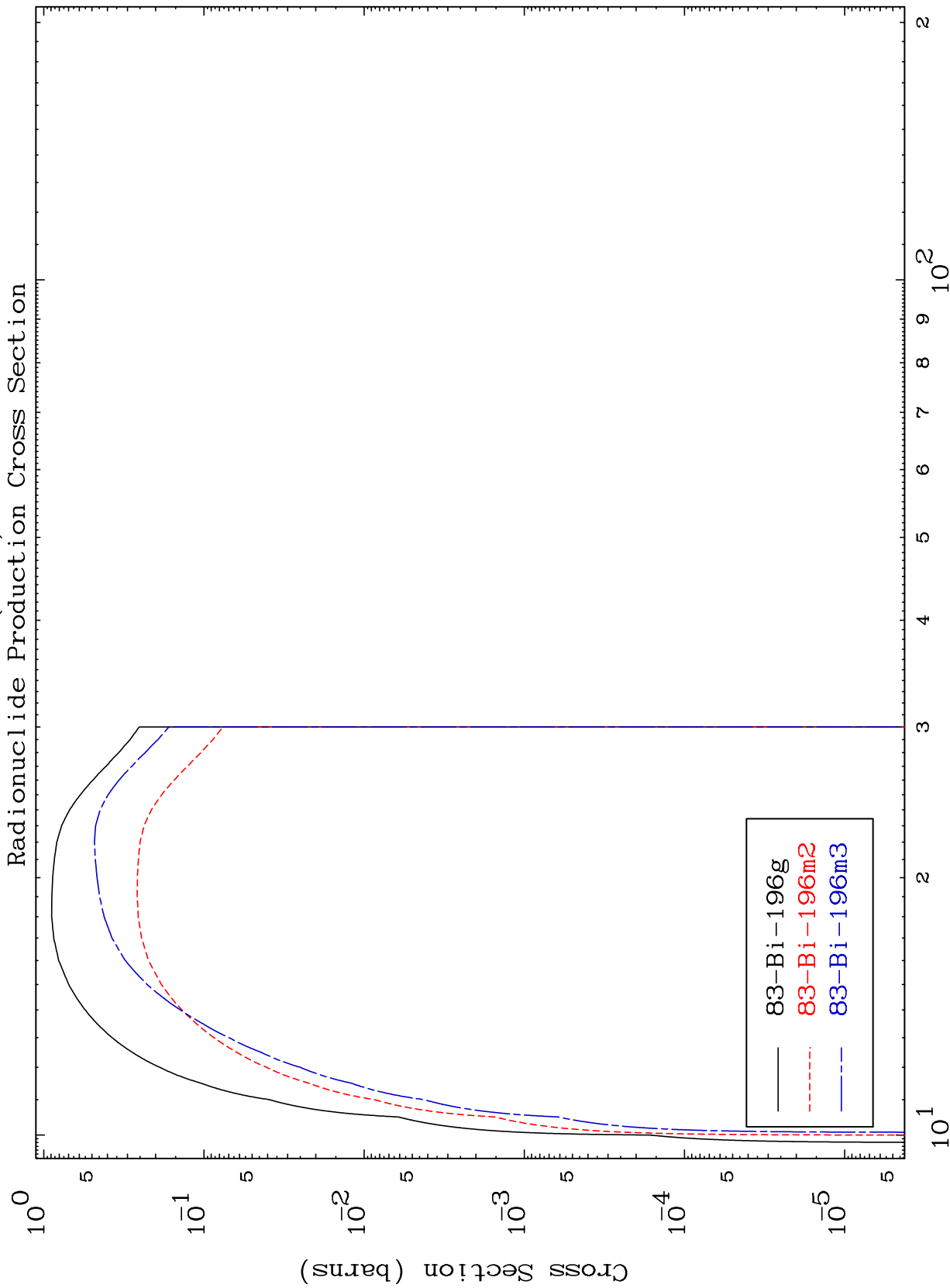
36

Incident Energy (MeV)

83-Bi-197

MAT 8289

83-Bi-197



83-Bi-196g
83-Bi-196m2
83-Bi-196m3

37

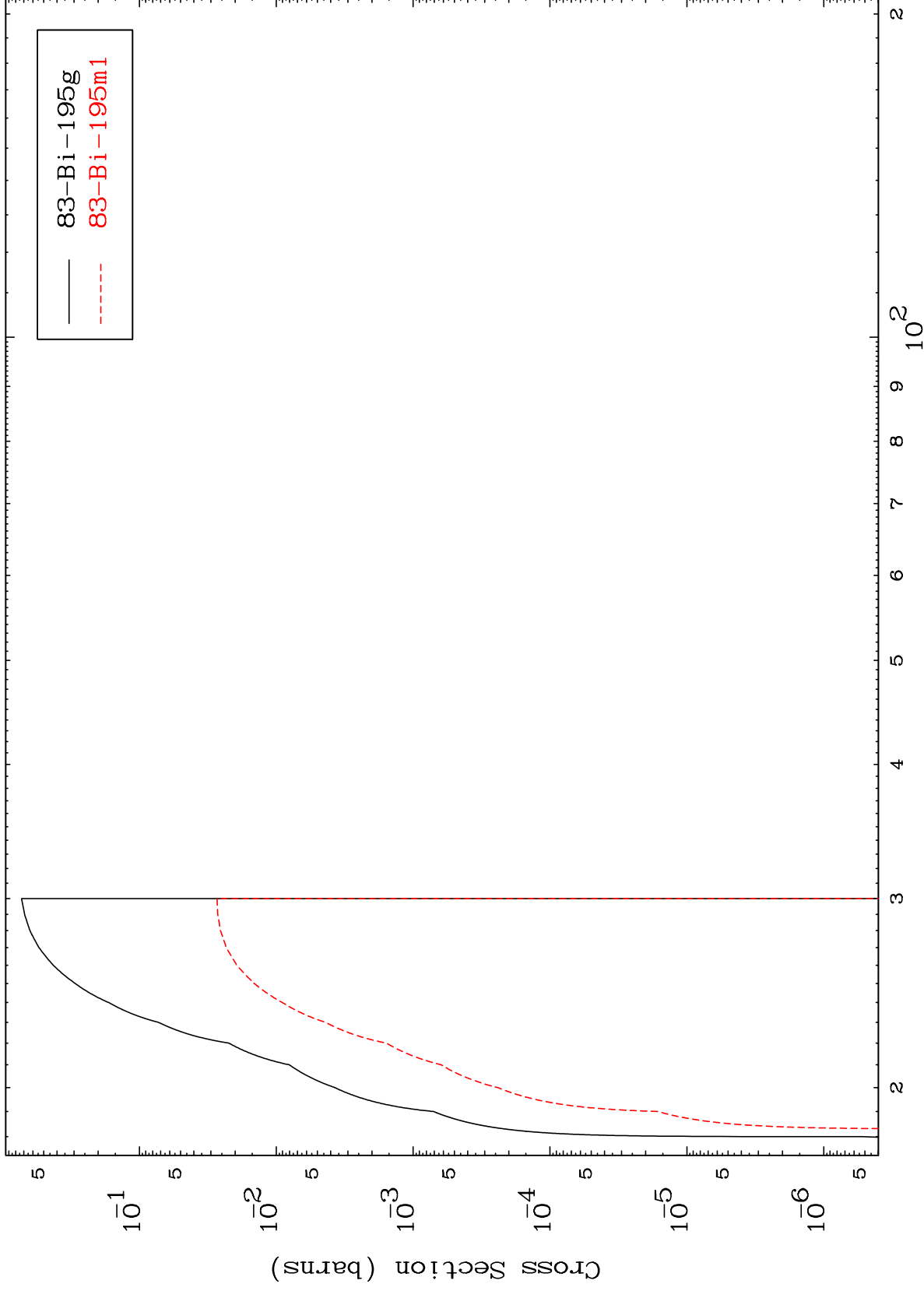
83-Bi-197

MAT 8289

(n,3n)

83-Bi-197

Radionuclide Production Cross Section



38

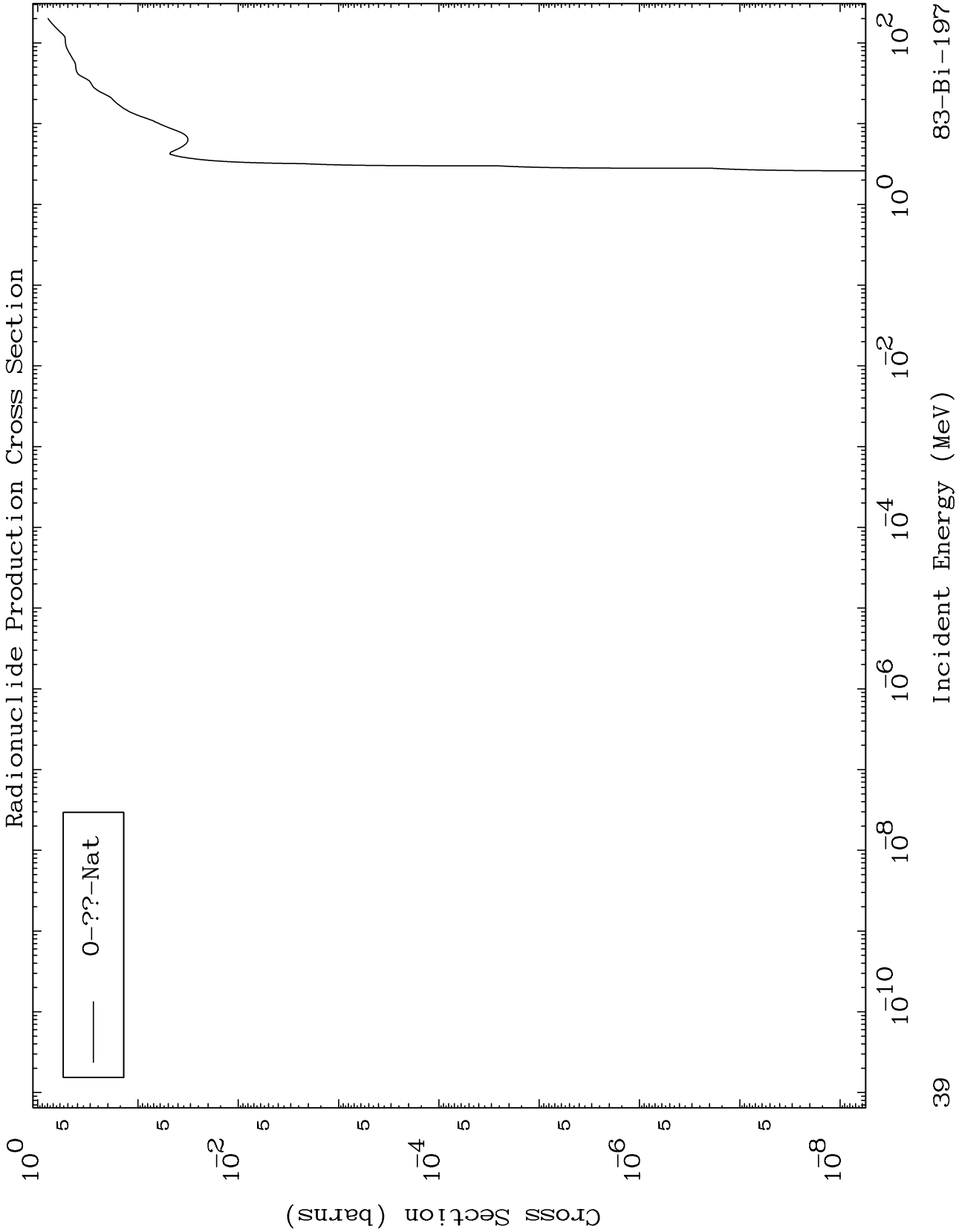
Incident Energy (MeV)

83-Bi-197

MAT 8289

Fission

83-Bi-197

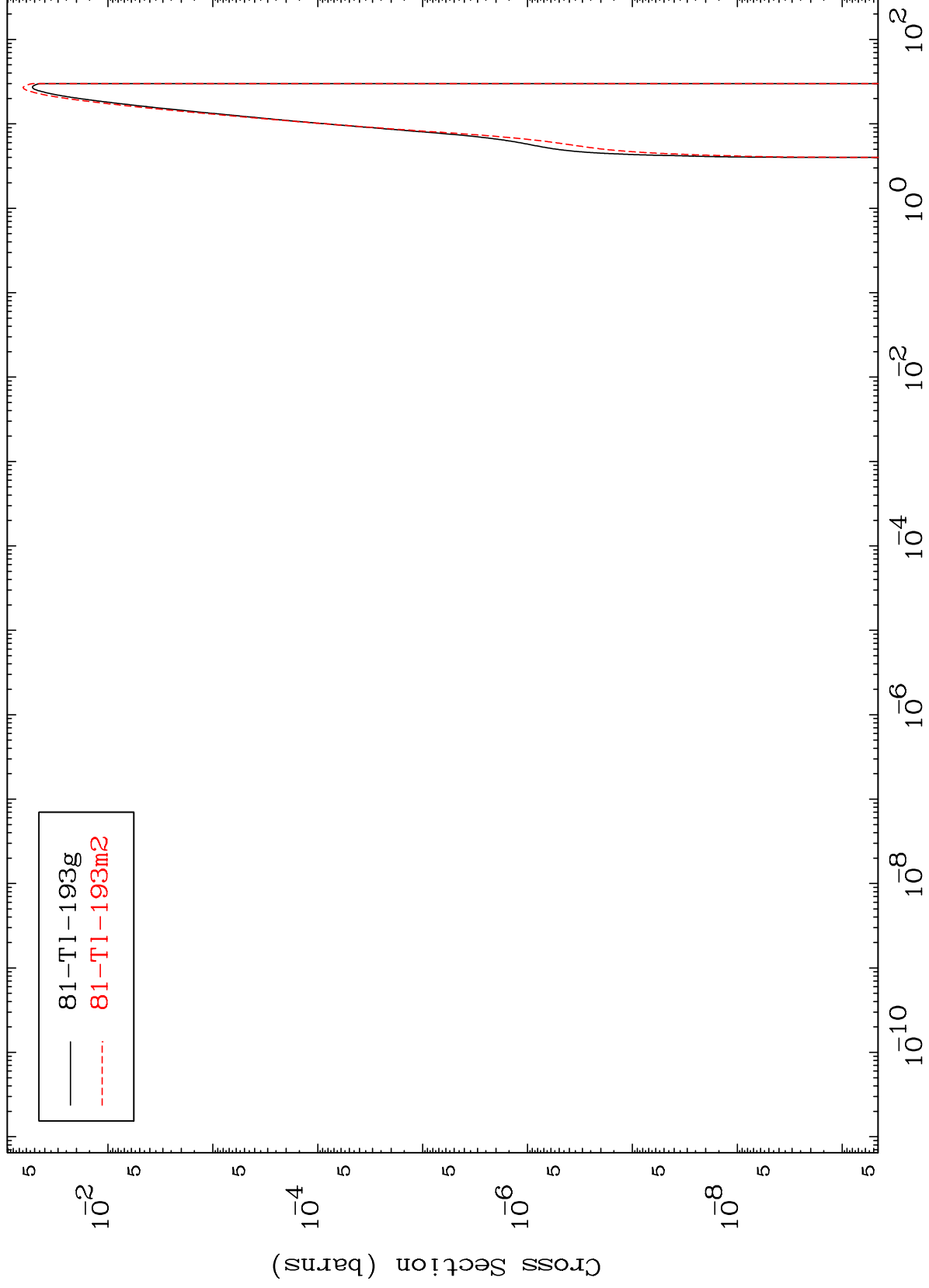


MAT 8289

(n, n') α

83-Bi-197

Radionuclide Production Cross Section



40

Incident Energy (MeV)

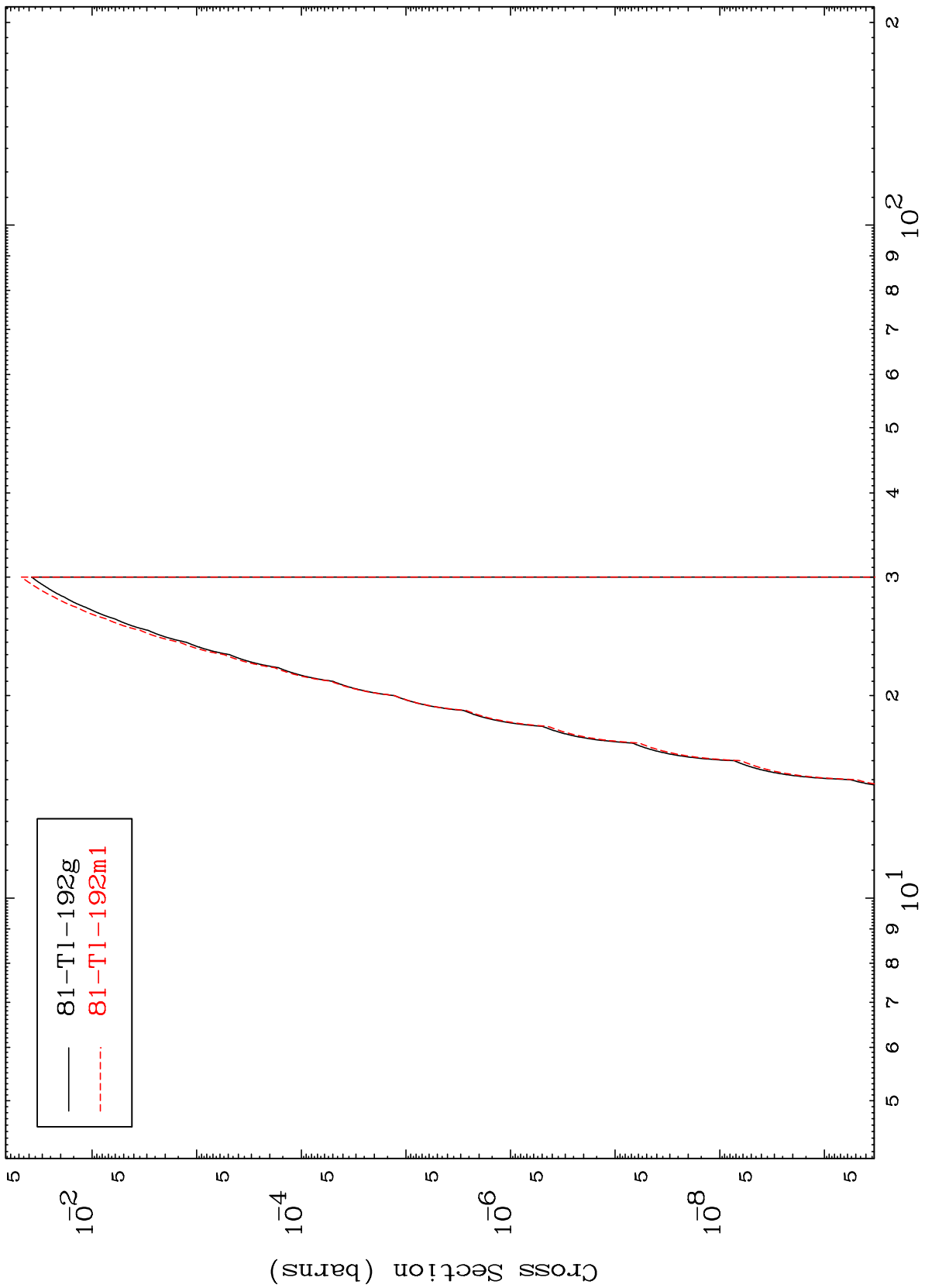
83-Bi-197

MAT 8289

$(n, 2n)$ α

83-Bi-197

Radionuclide Production Cross Section



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

41

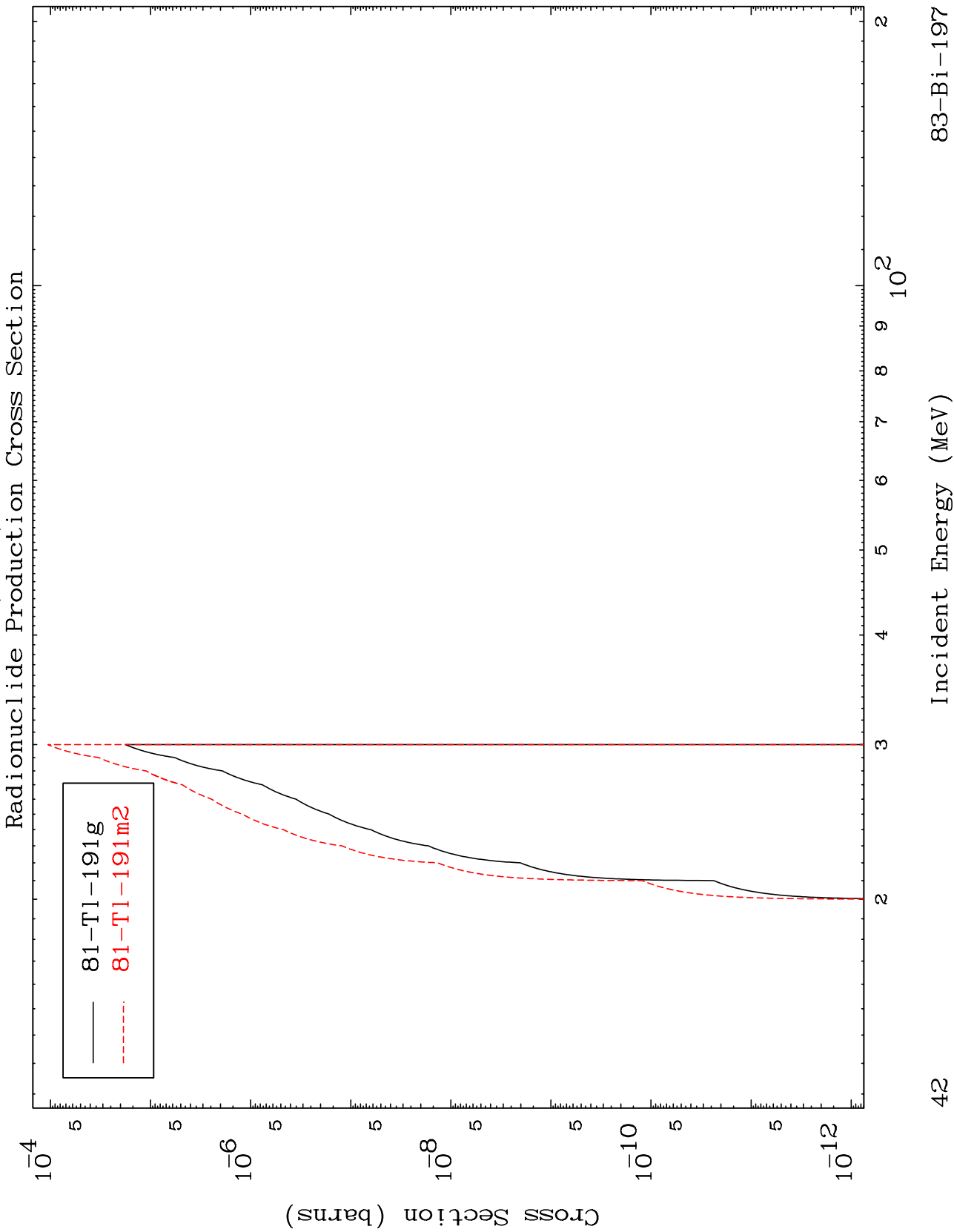
Incident Energy (MeV)

83-Bi-197

MAT 8289

(n,3n) α

83-Bi-197



42

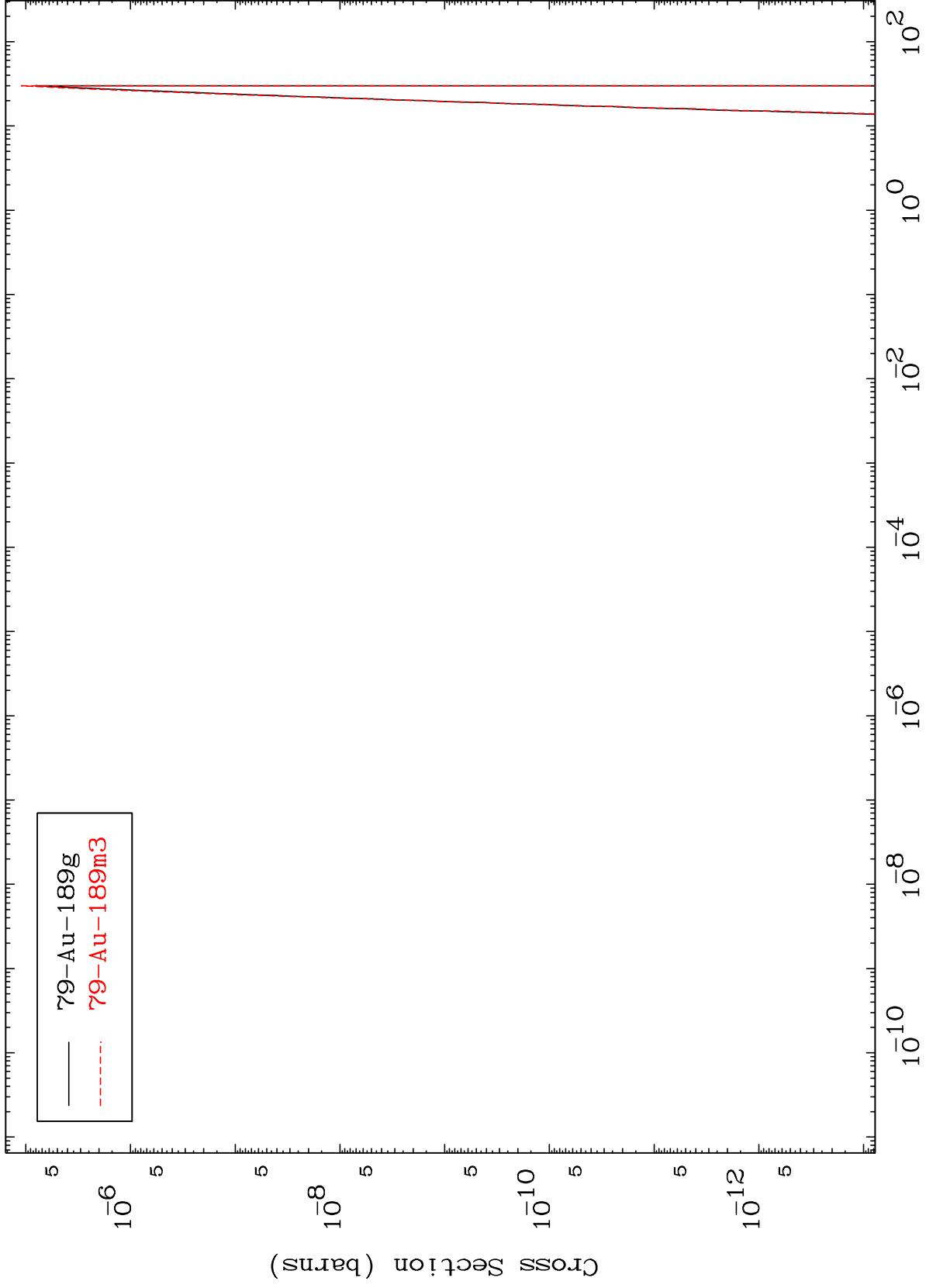
83-Bi-197

MAT 8289

(n,n') 2 α

83-Bi-197

Radionuclide Production Cross Section



43

Incident Energy (MeV)

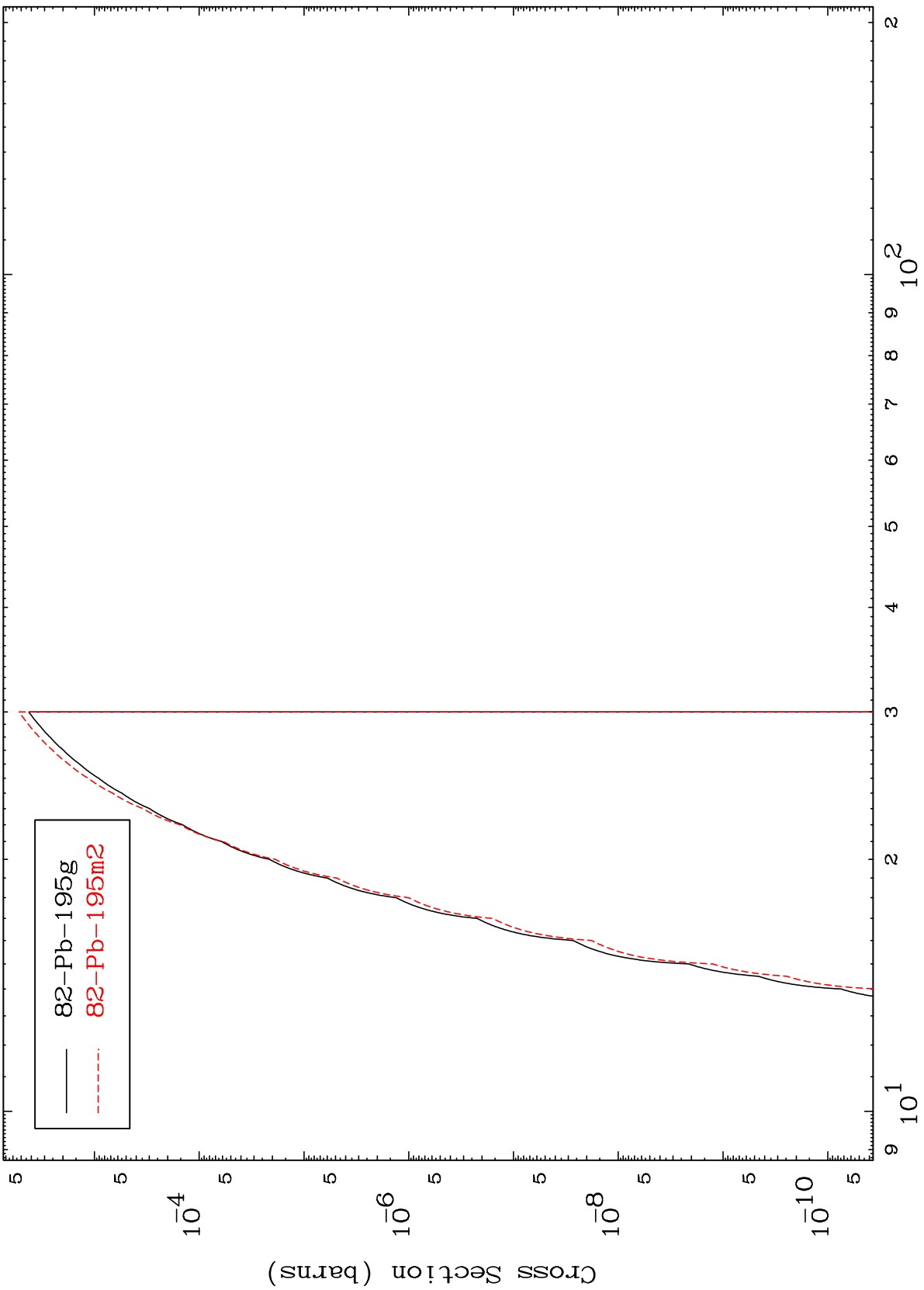
83-Bi-197

MAT 8289

(n,n') d

83-Bi-197

Radionuclide Production Cross Section



44

Incident Energy (MeV)

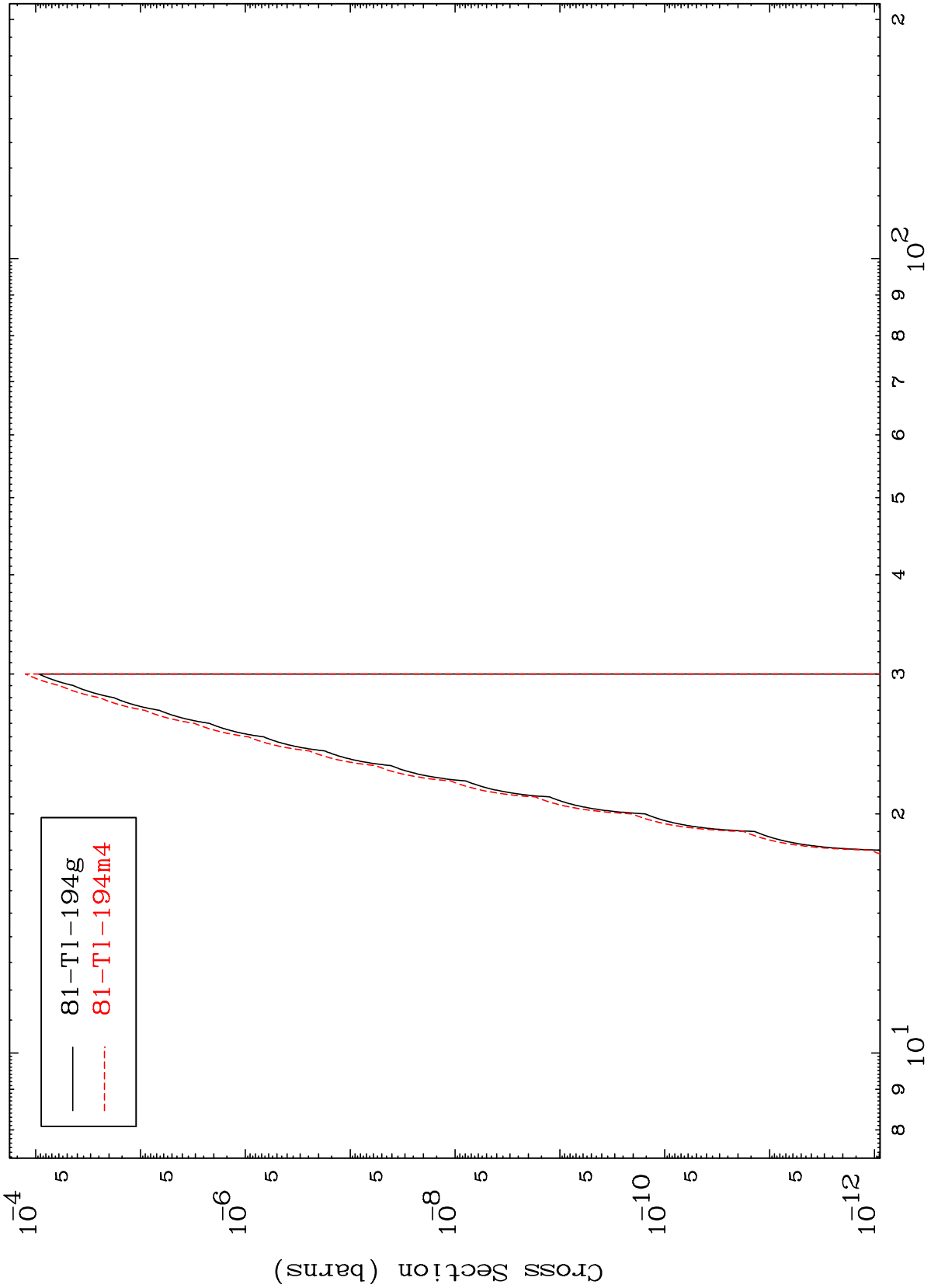
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MAT 8289

(n,n') He-3

83-Bi-197

Radionuclide Production Cross Section



45

Incident Energy (MeV)

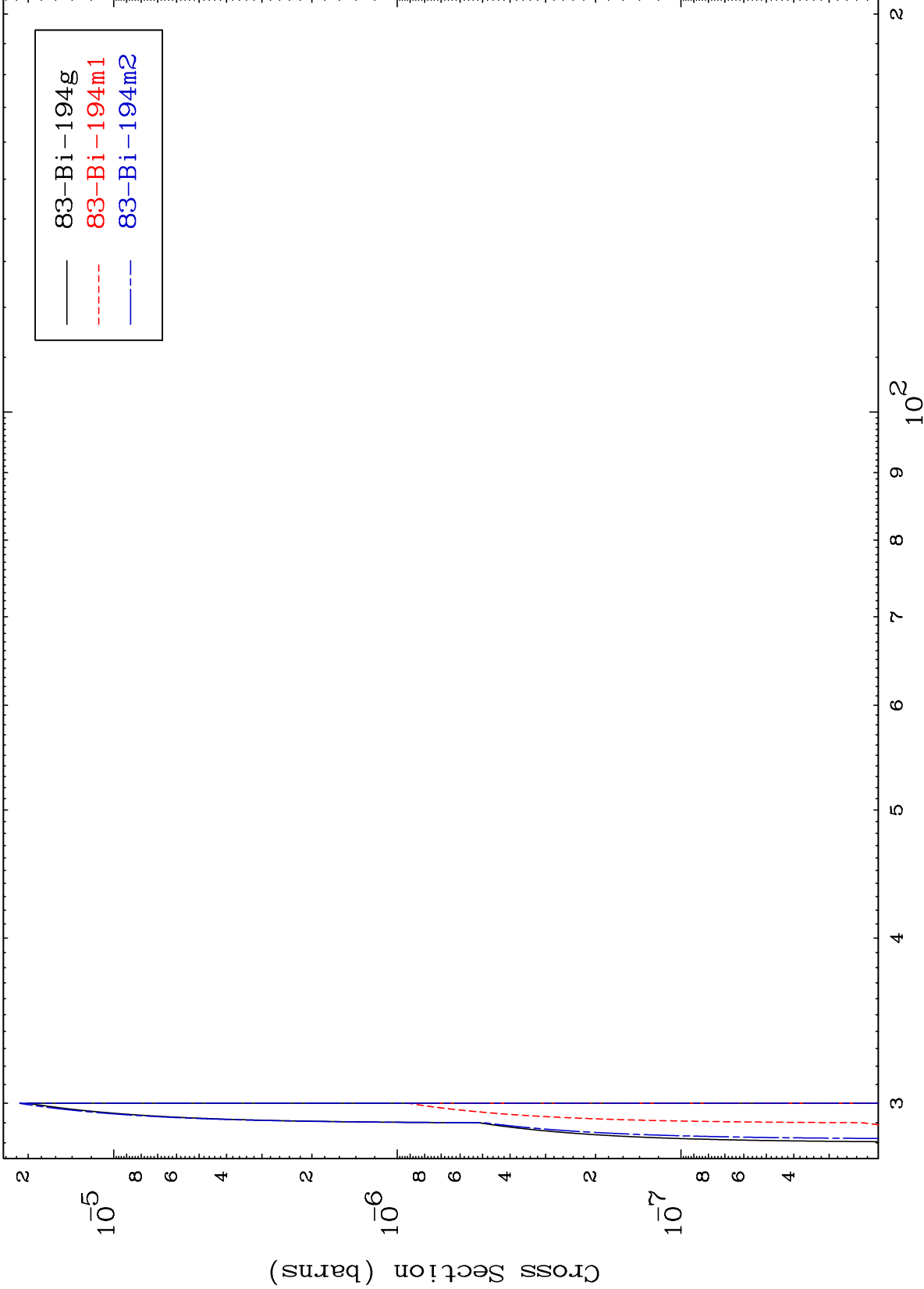
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MAT 8289

(n,4n)

83-Bi-197

Radionuclide Production Cross Section



46

Incident Energy (MeV)

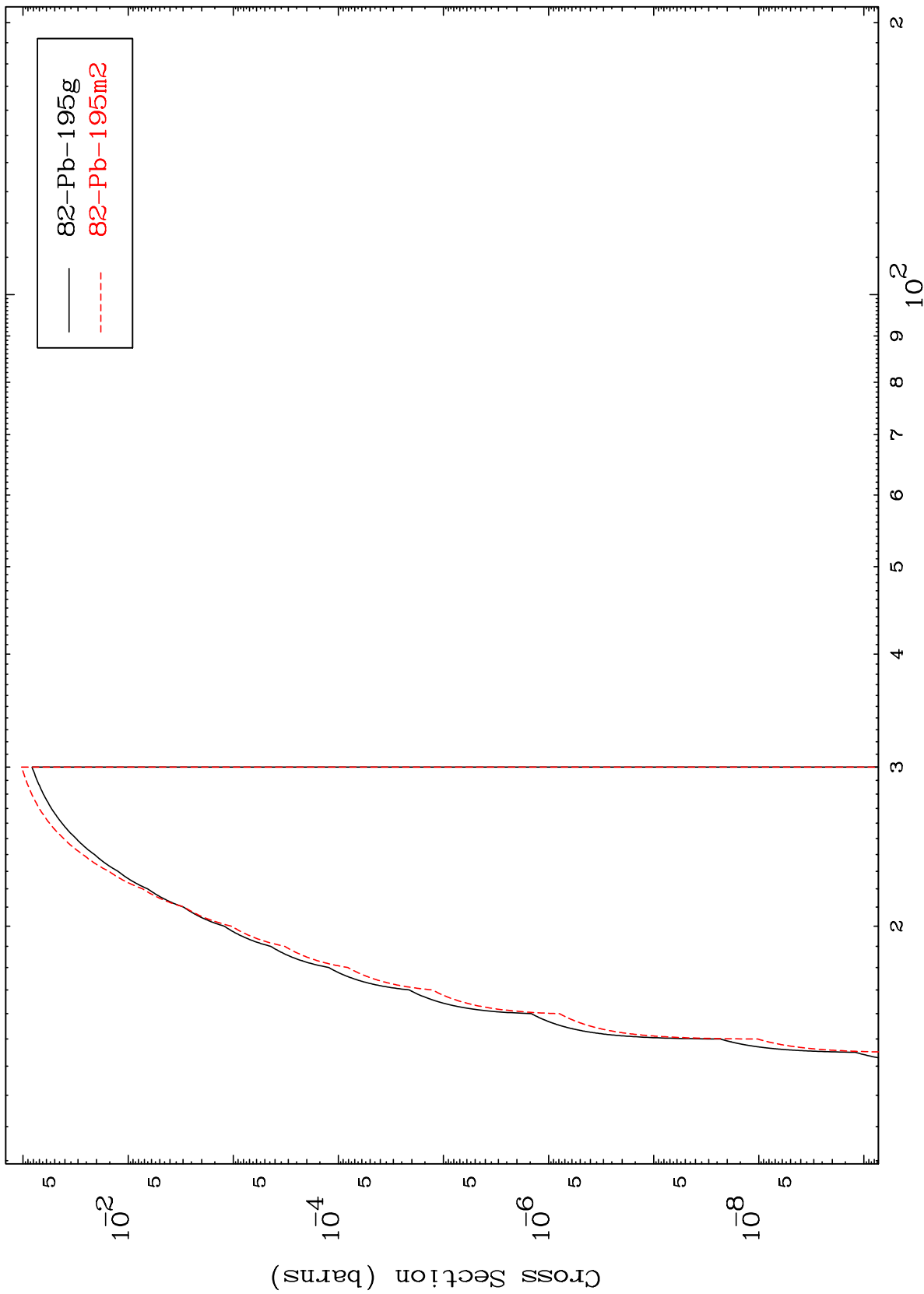
83-Bi-197

MAT 8289

(n,2n) p

83-Bi-197

Radionuclide Production Cross Section



47

Incident Energy (MeV)

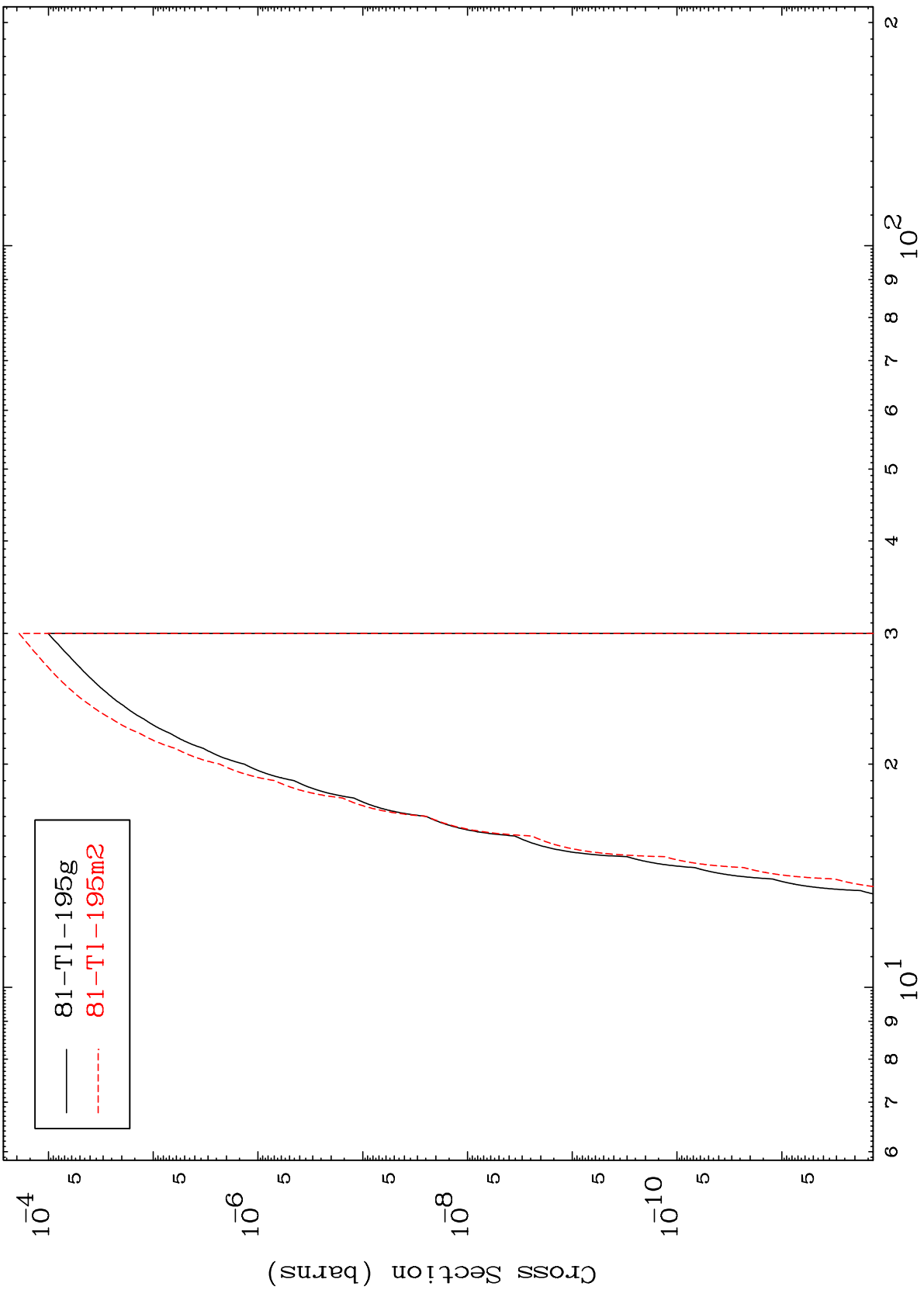
83-Bi-197

MAT 8289

(n,2n) p

83-Bi-197

Radionuclide Production Cross Section



81-Tl-195g
81-Tl-195m2

48

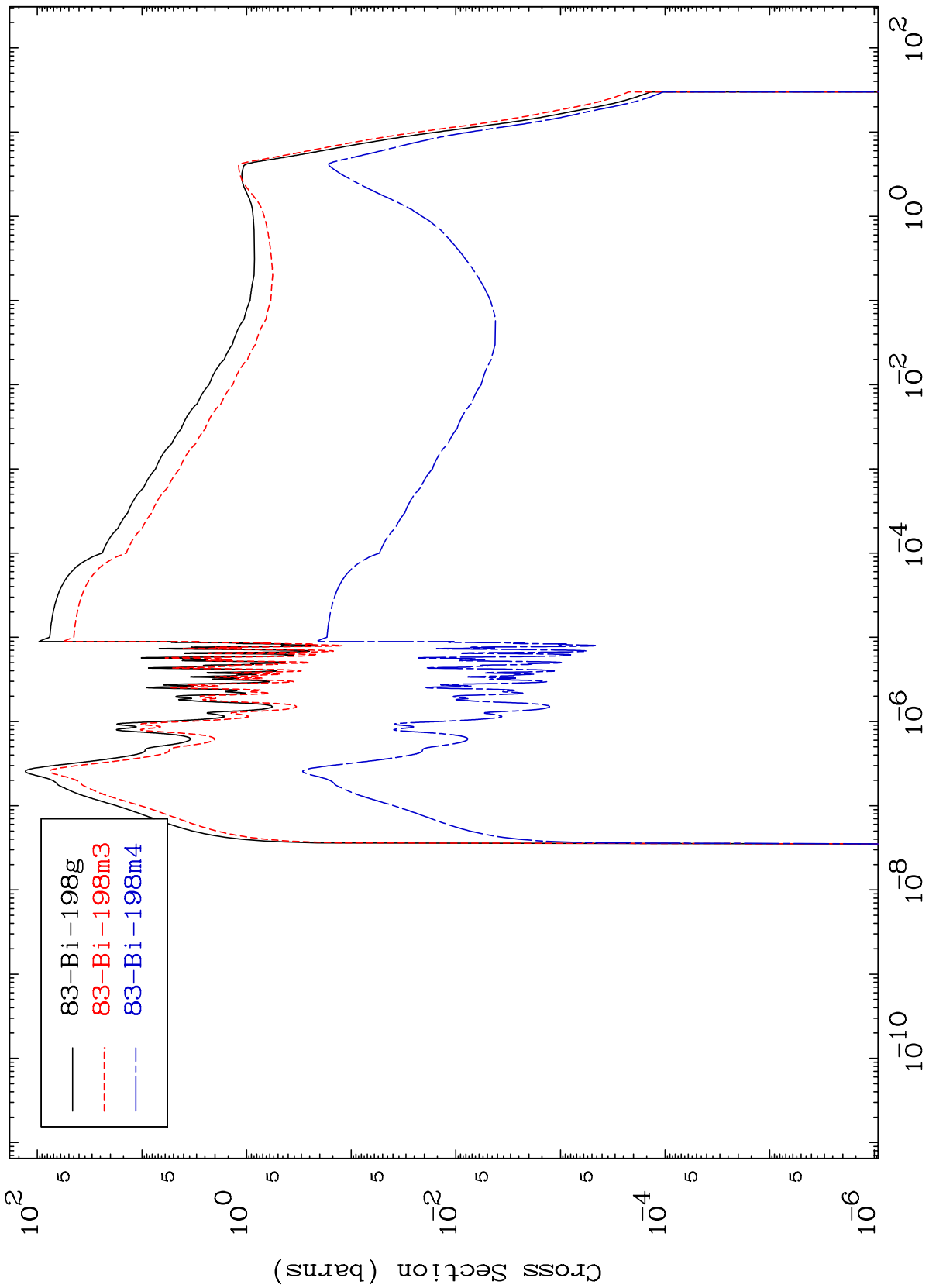
Incident Energy (MeV)

83-Bi-197

MAT 8289

83-Bi-197

Radionuclide Production Cross Section
(n, γ)



49

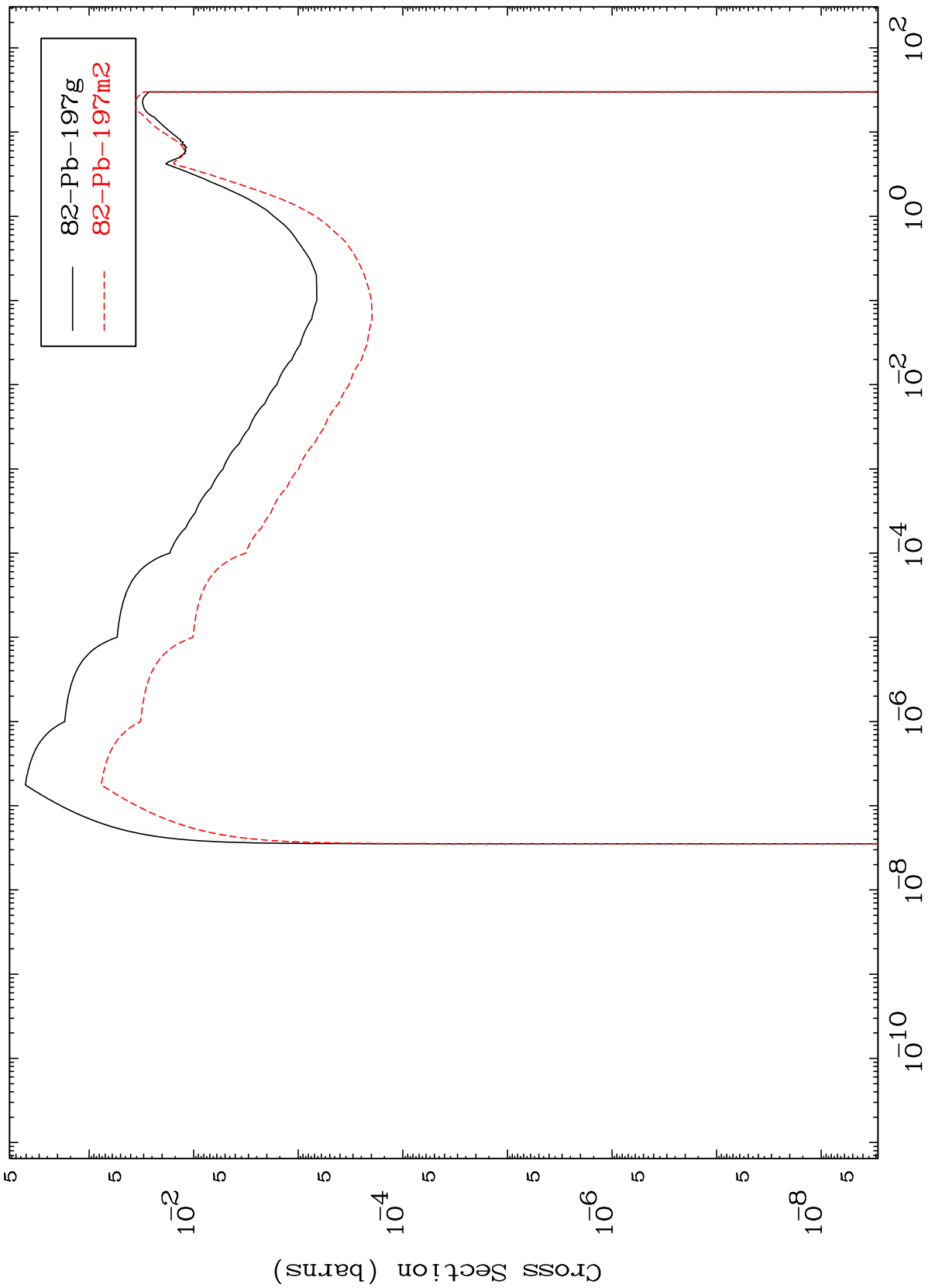
83-Bi-197

Incident Energy (MeV)

MAT 8289

83-Bi-197

(n,p)
Radionuclide Production Cross Section



50

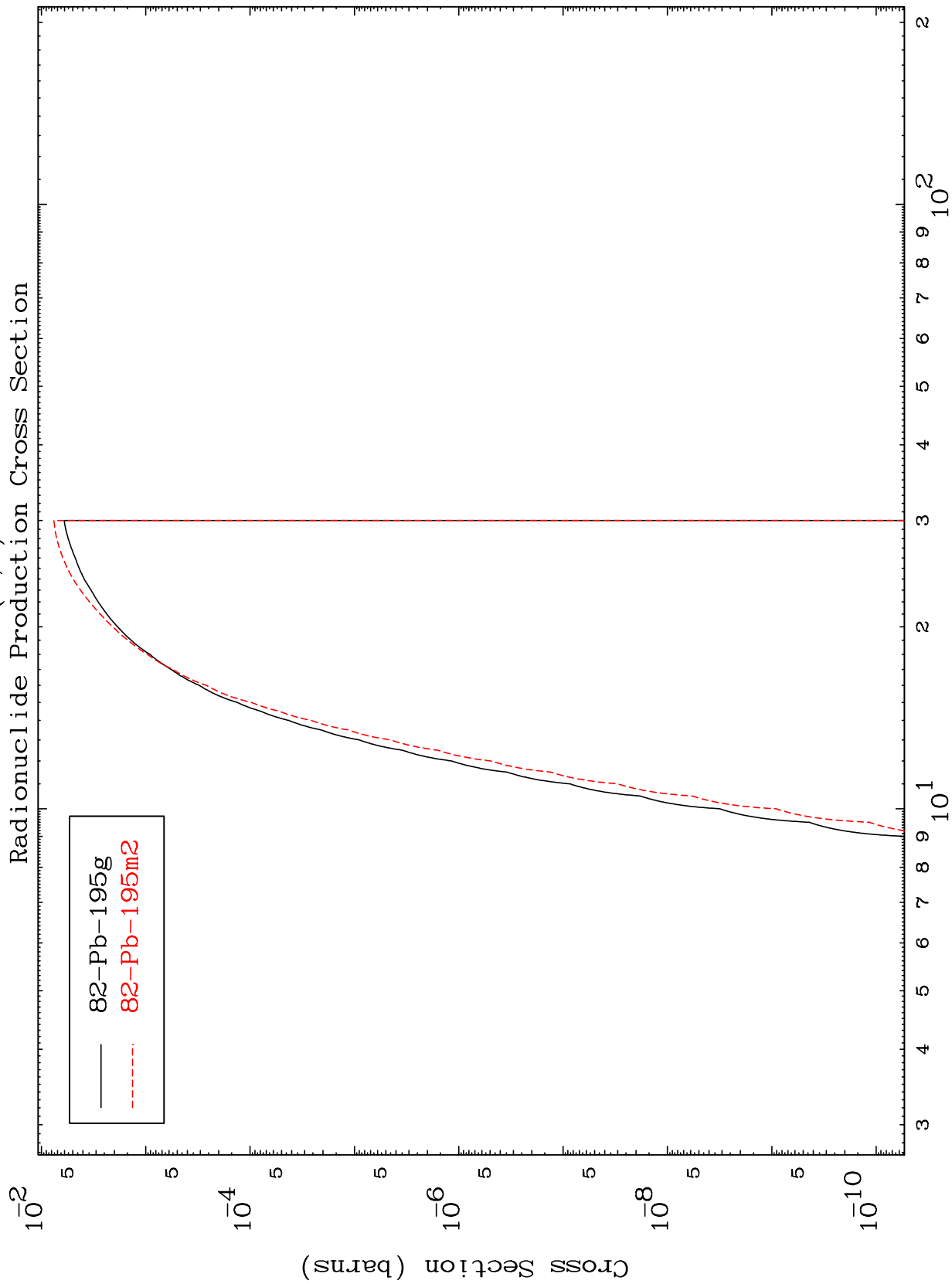
83-Bi-197

Incident Energy (MeV)

MAT 8289

83-Bi-197

(n, t)
Radionuclide Production Cross Section



51

Incident Energy (MeV)

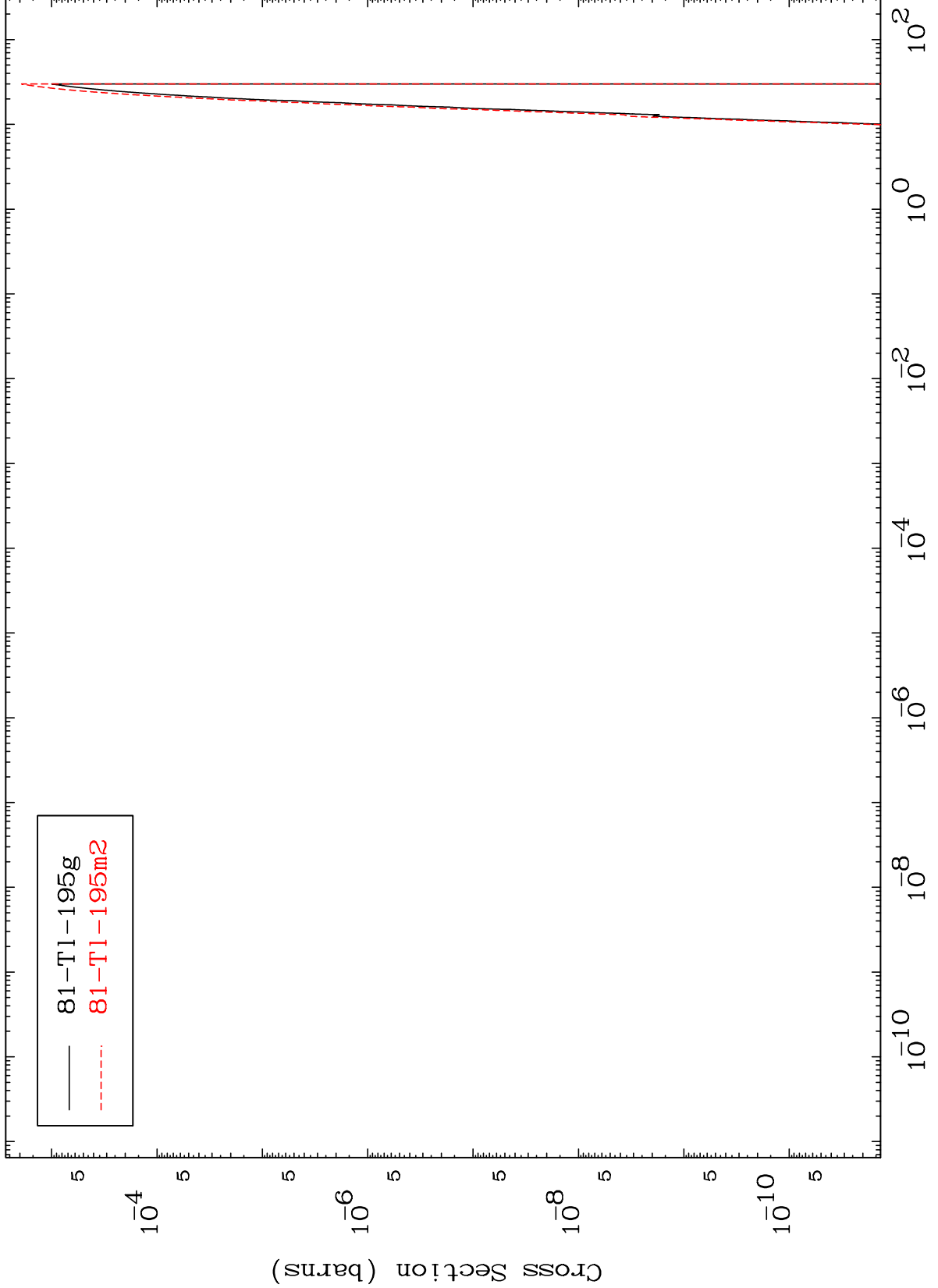
83-Bi-197

MAT 8289

(n,He-3)

83-Bi-197

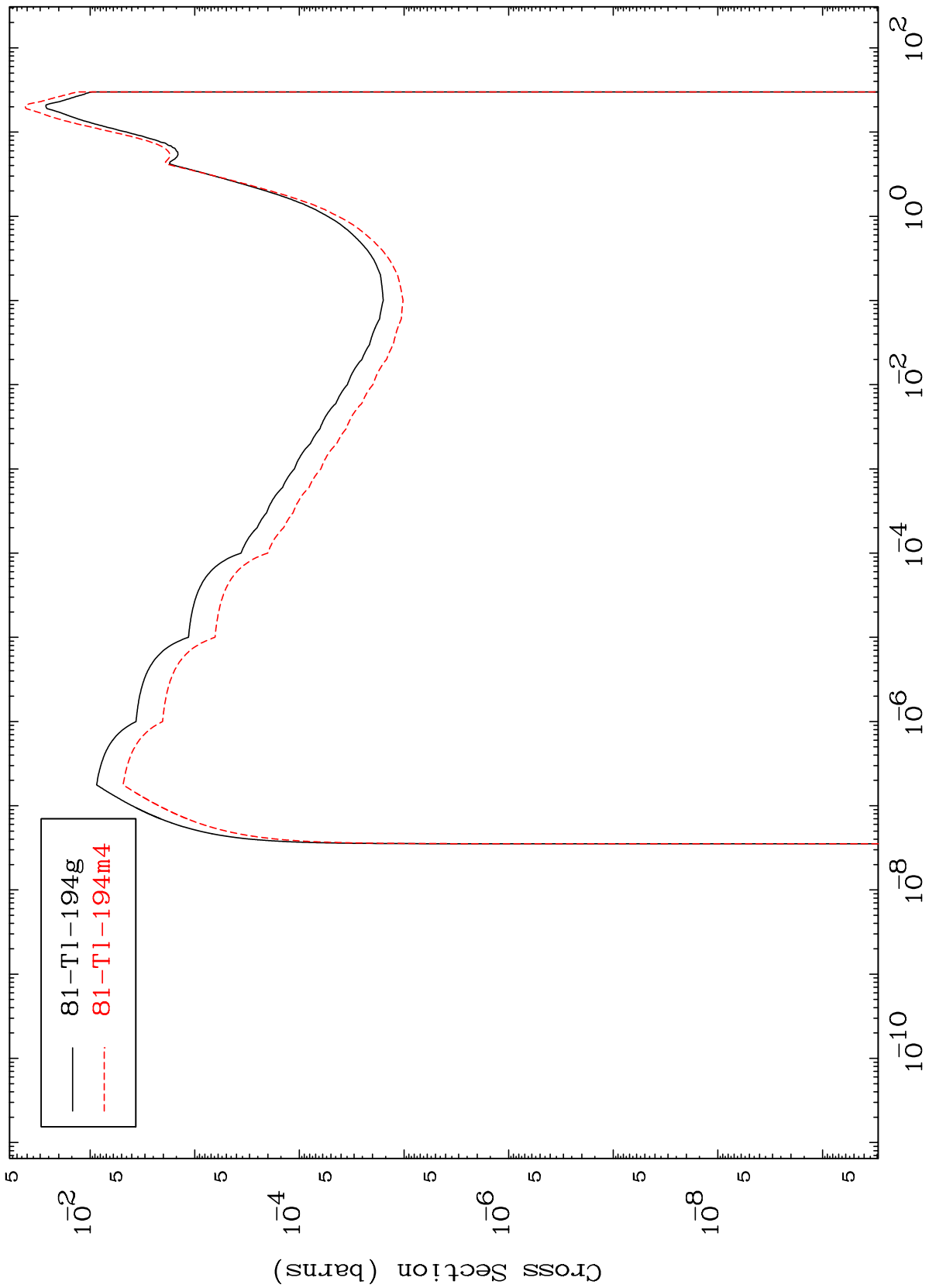
Radionuclide Production Cross Section



MAT 8289

83-Bi-197

Radionuclide Production Cross Section
(n, α)



53

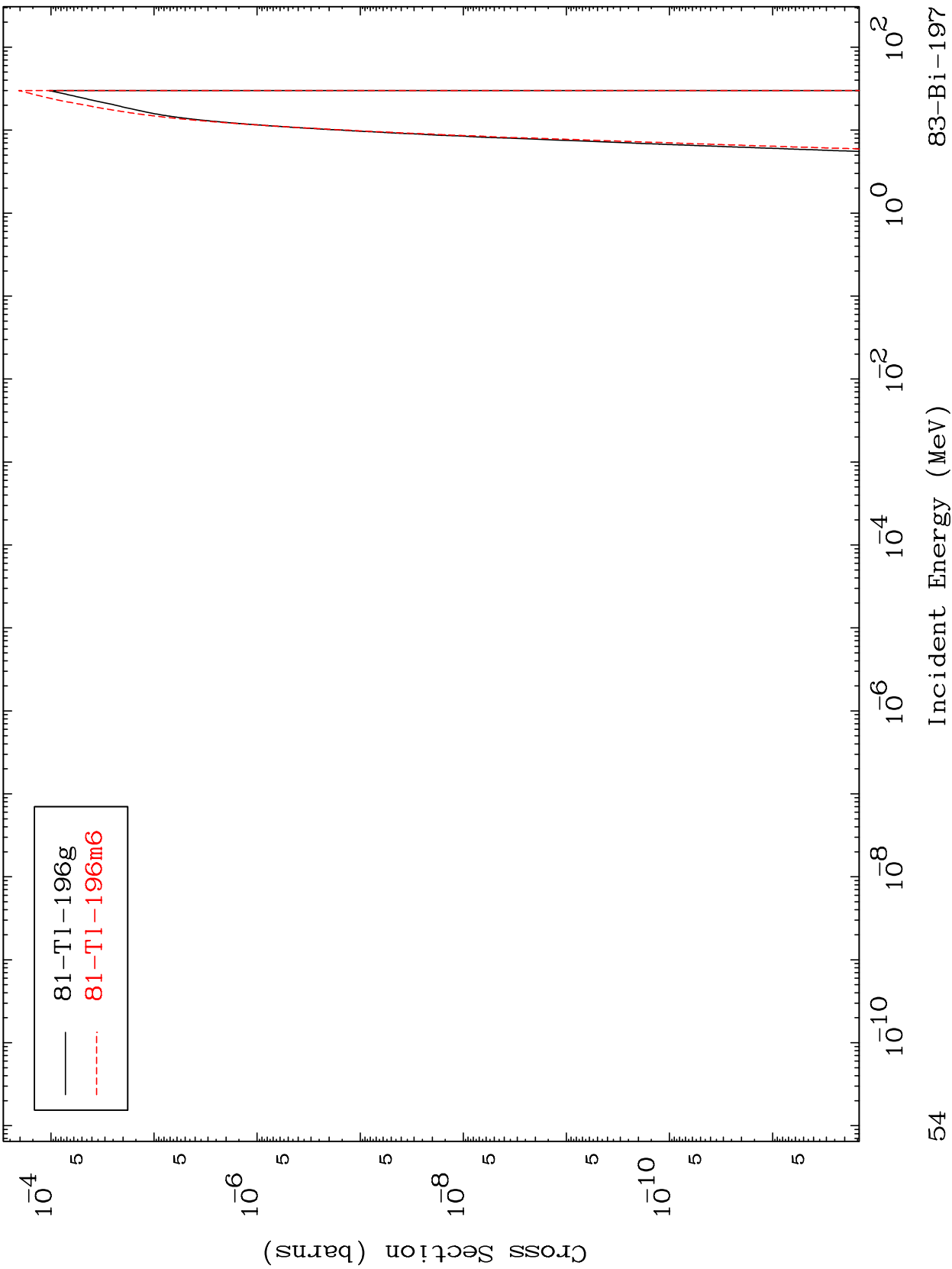
83-Bi-197

MAT 8289

(n,2p)

83-Bi-197

Radionuclide Production Cross Section



54

Incident Energy (MeV)

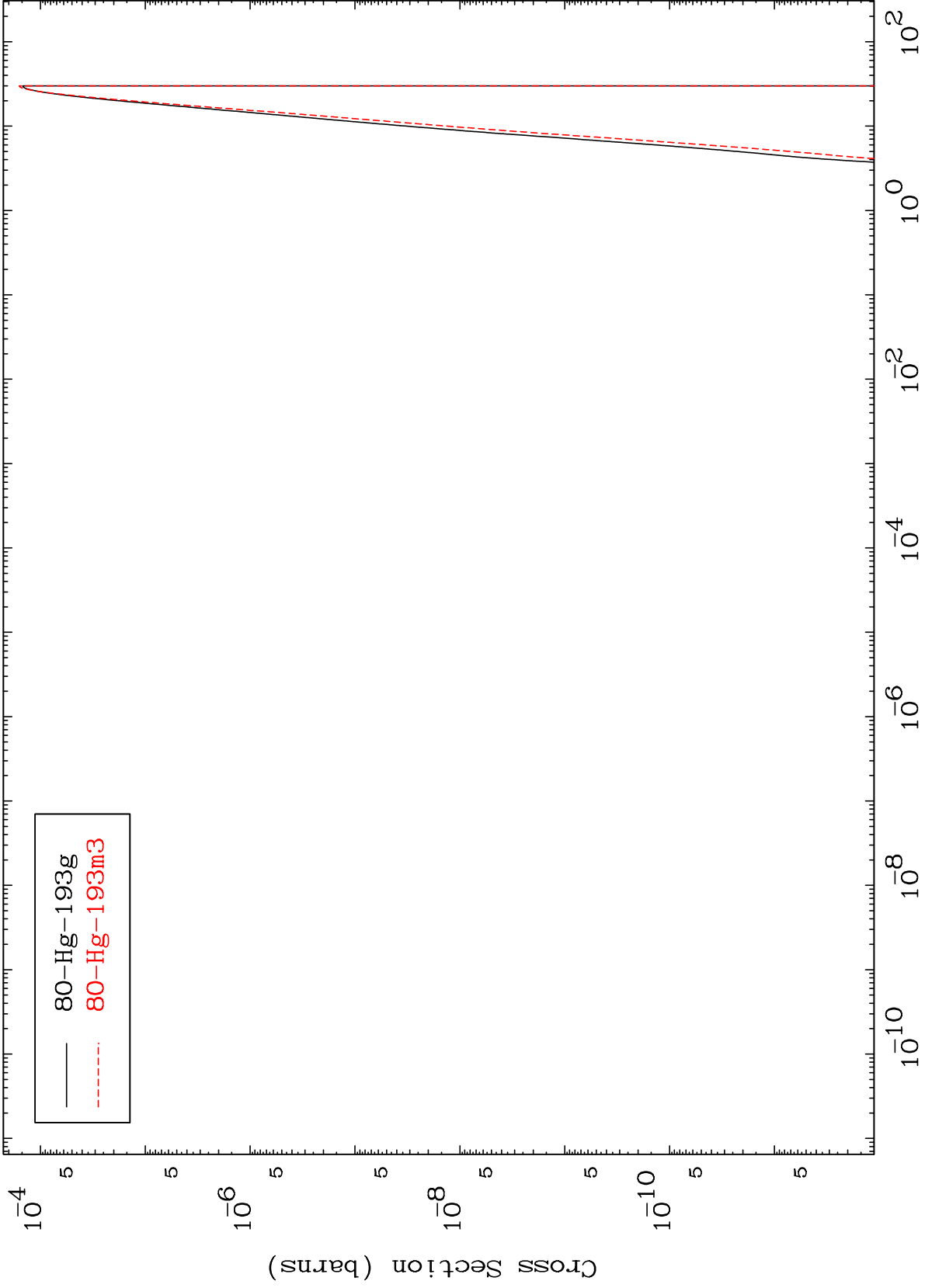
83-Bi-197

MAT 8289

(n,p) α

83-Bi-197

Radionuclide Production Cross Section



55

Incident Energy (MeV)

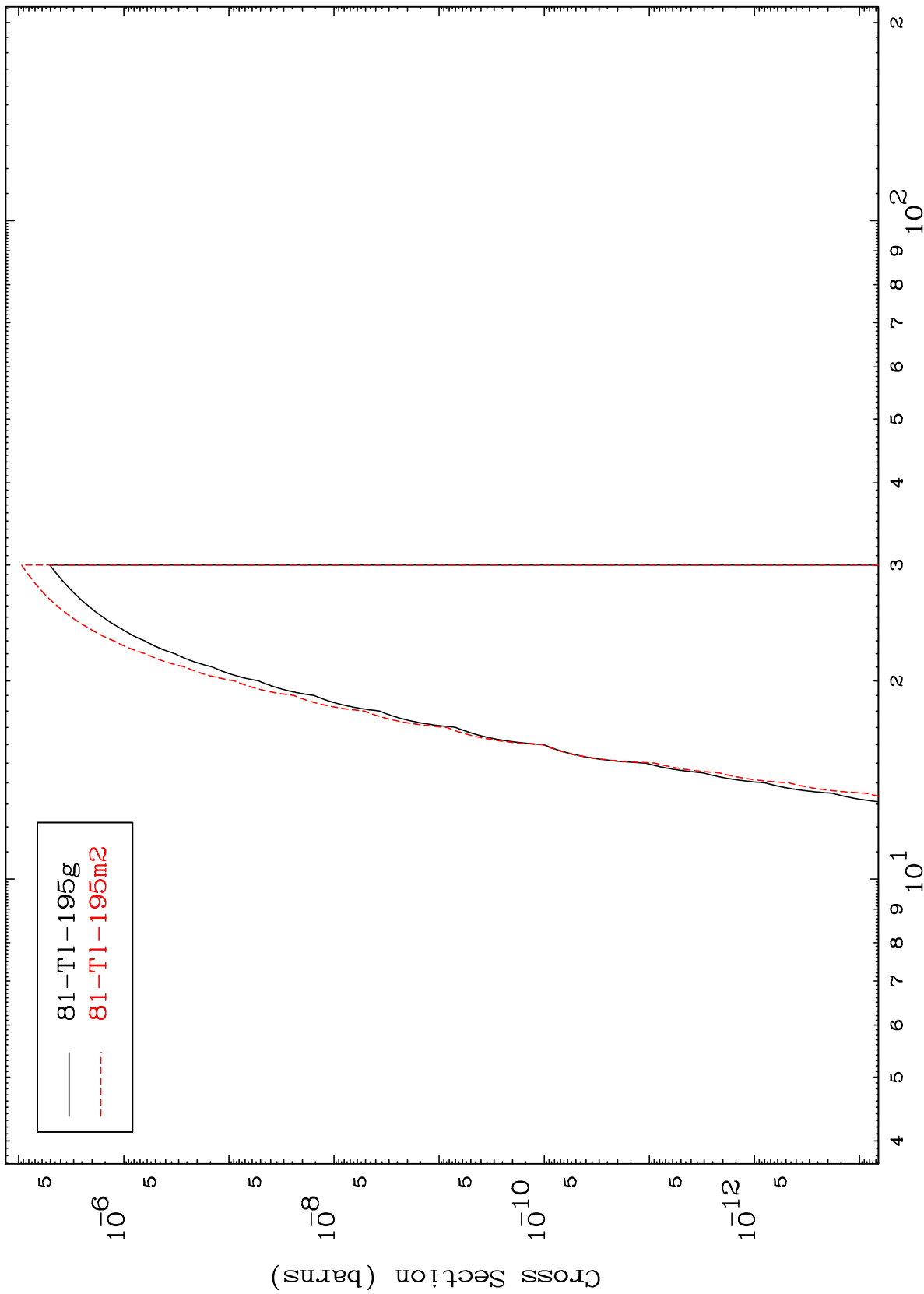
83-Bi-197

MAT 8289

(n,p) d

83-Bi-197

Radionuclide Production Cross Section

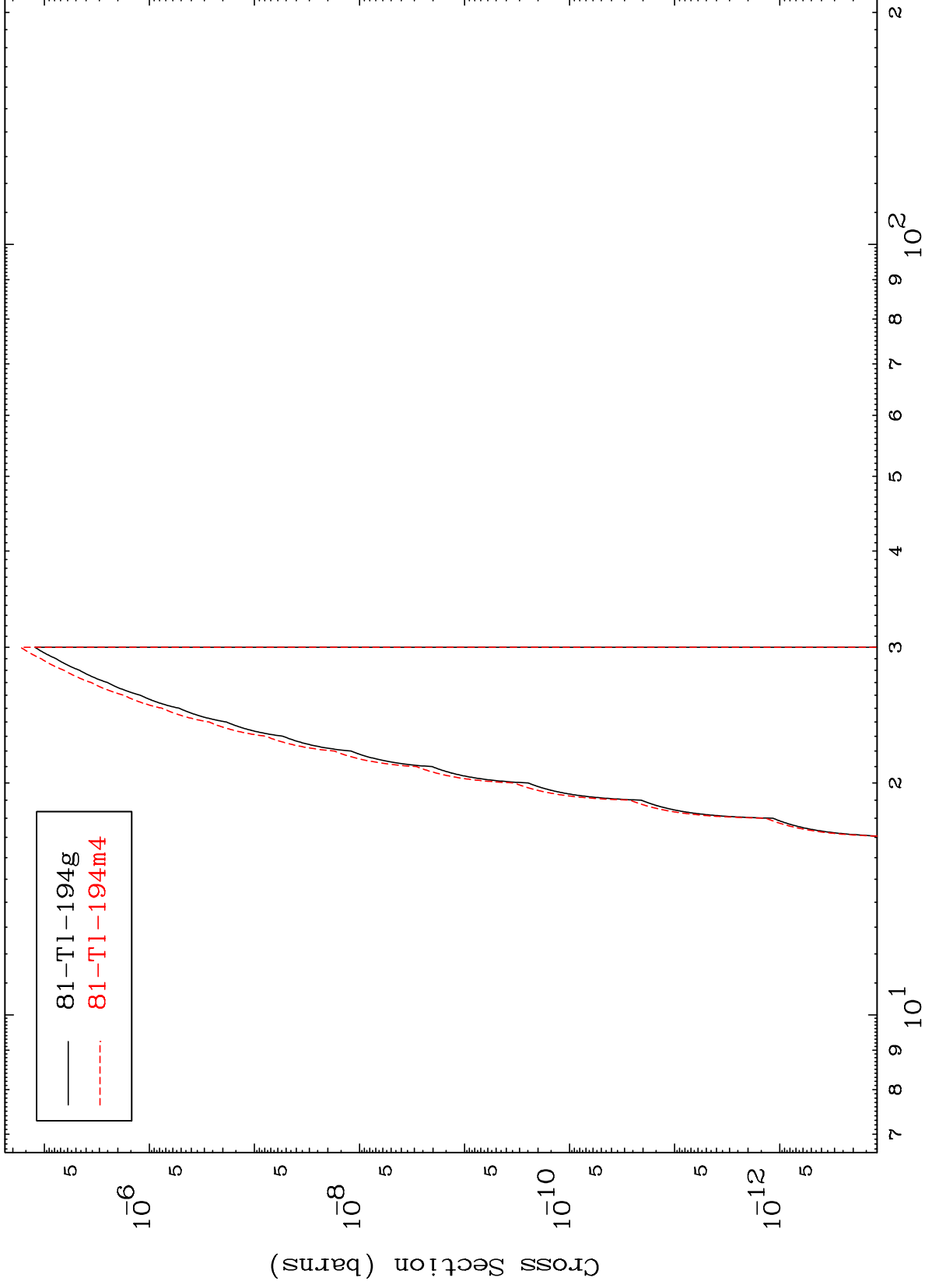


MAT 8289

(n,p) t

83-Bi-197

Radionuclide Production Cross Section



57

Incident Energy (MeV)

83-Bi-197