

Program EVALPLOT  
(Version 2021-1)

by

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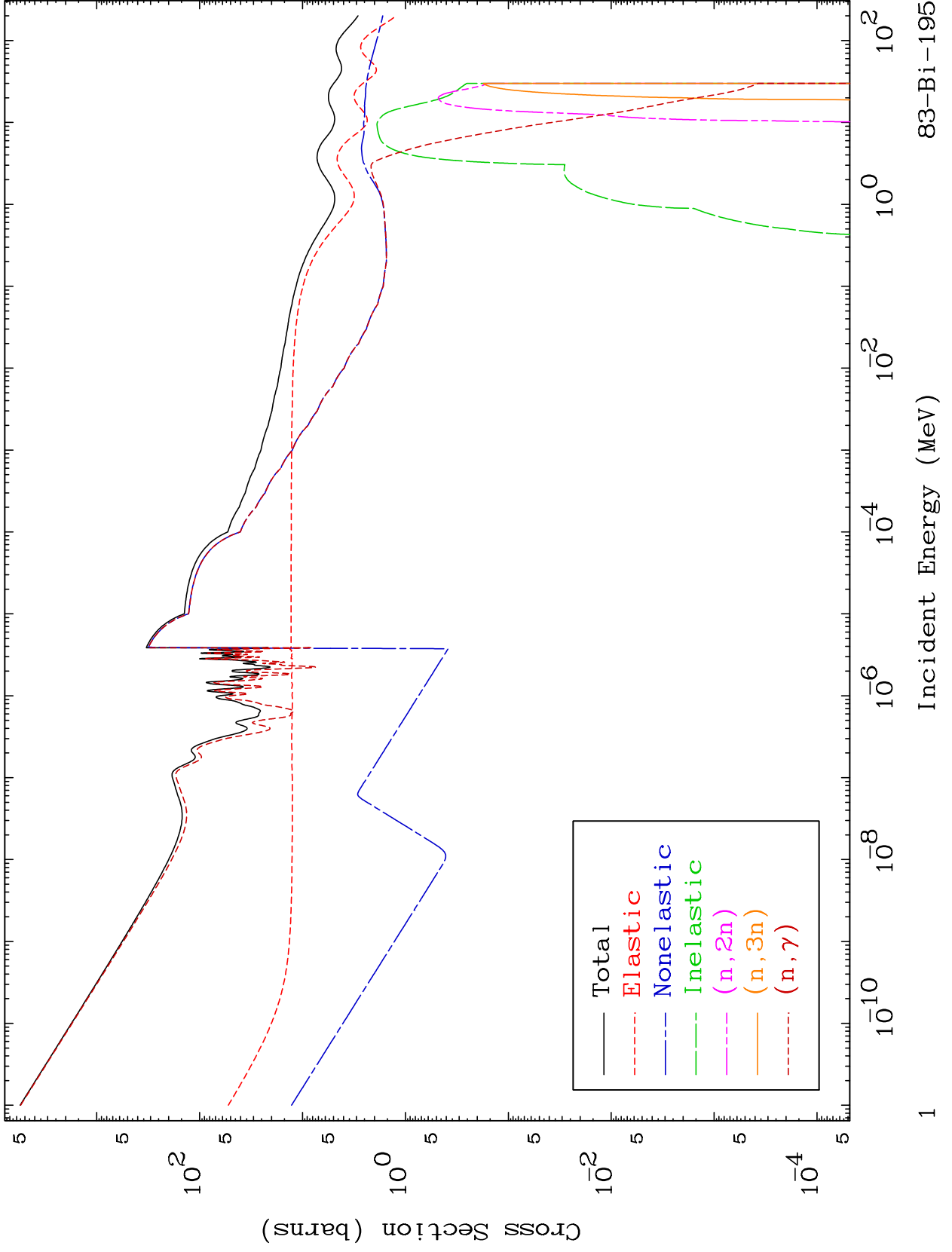
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Press Mouse Button to Start

MAT 8283

Neutron Major  
293 Kelvin Cross Sections

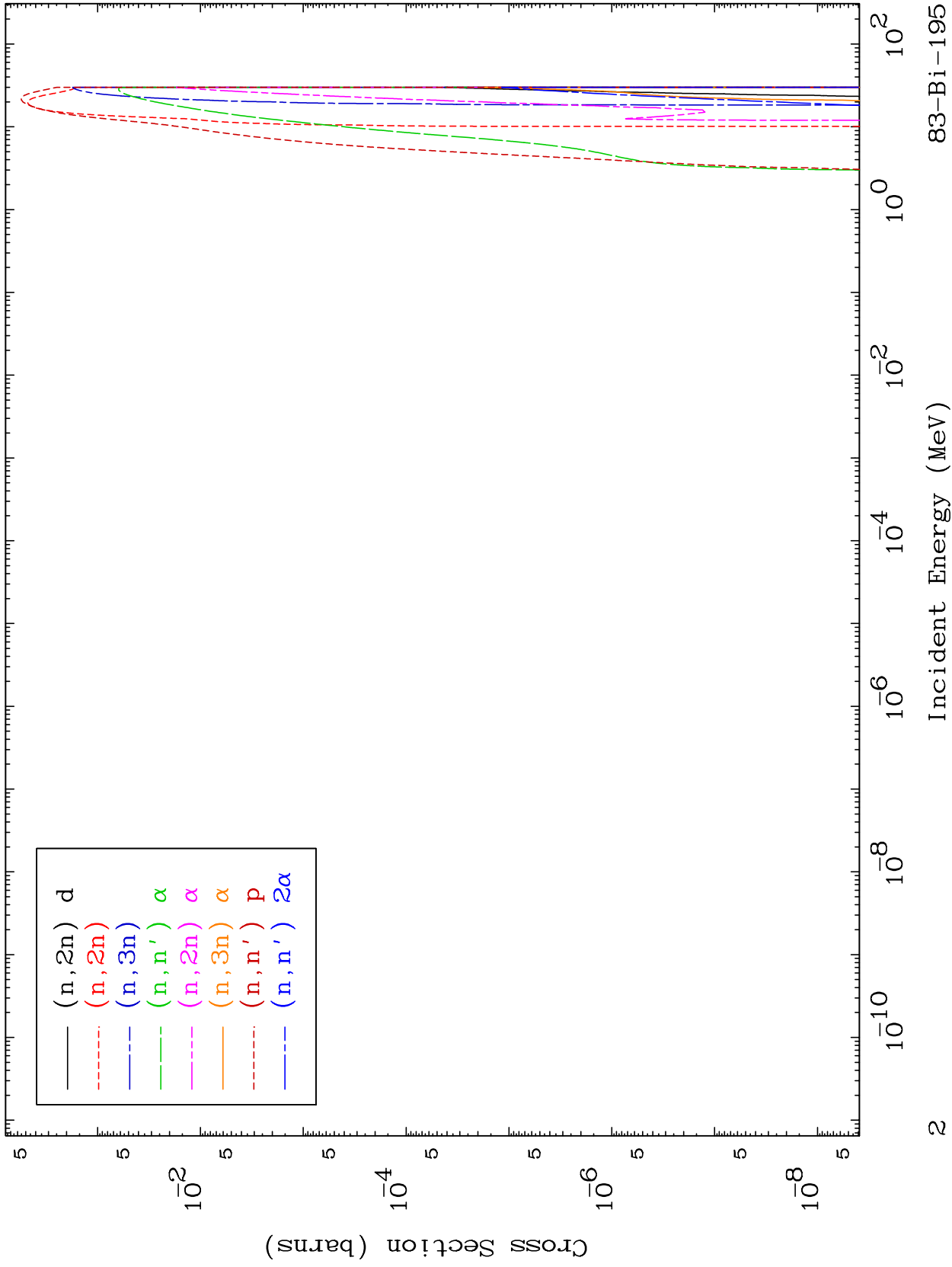
83-Bi-195



MAT 8283

Neutron Absorption  
293 Kelvin Cross Sections

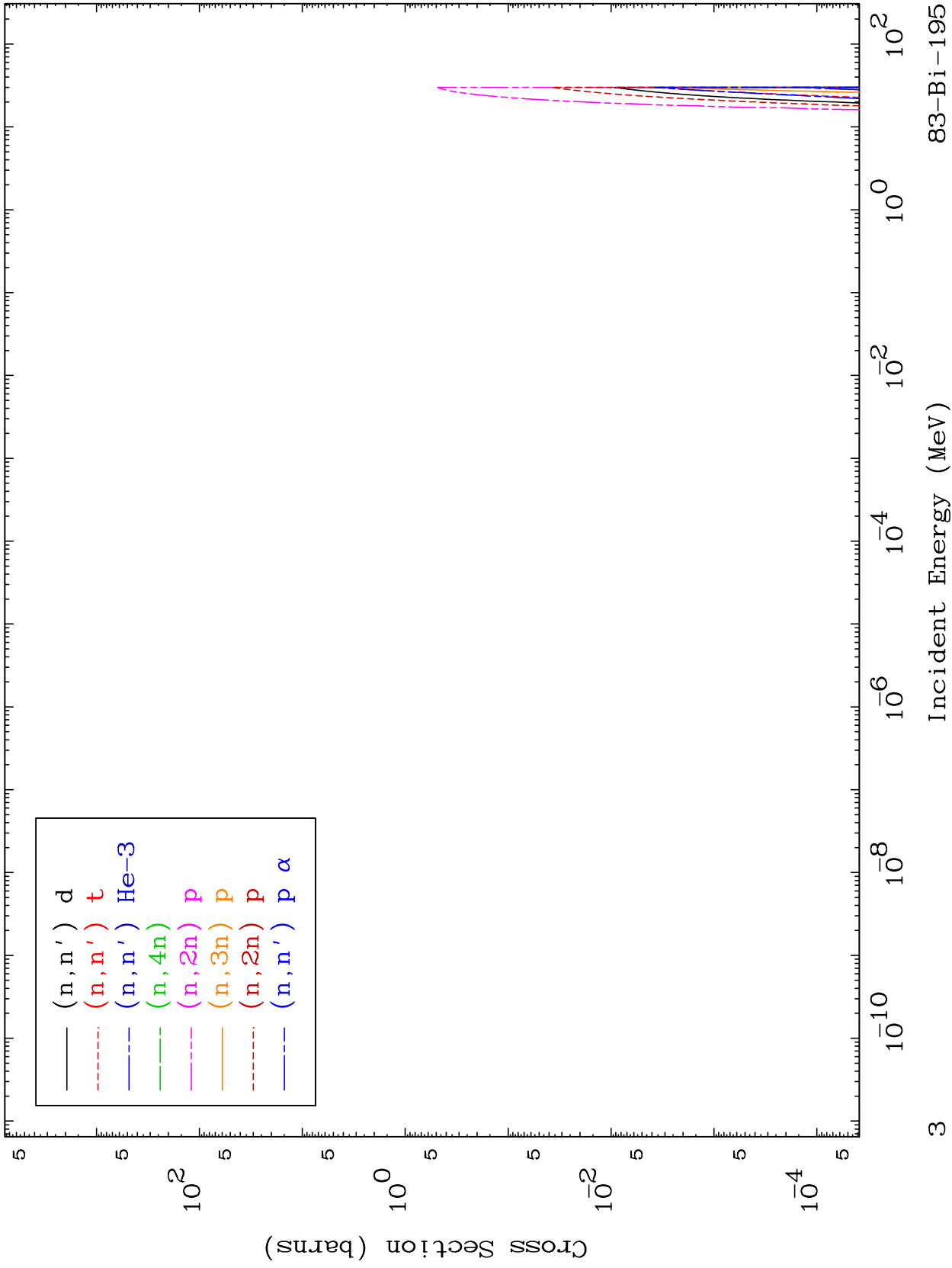
83-Bi-195



MAT 8283

Neutron Absorption  
293 Kelvin Cross Sections

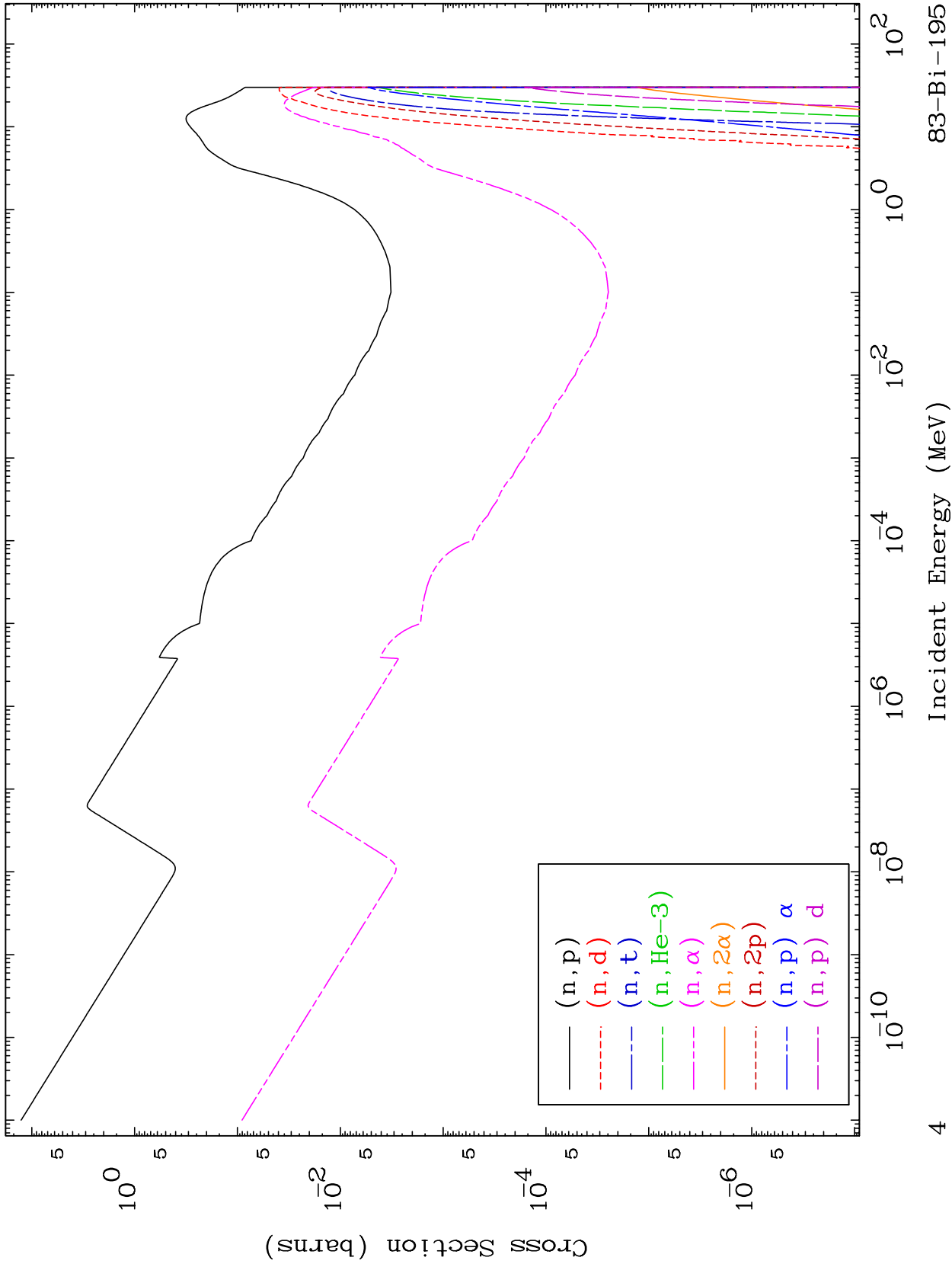
83-Bi-195

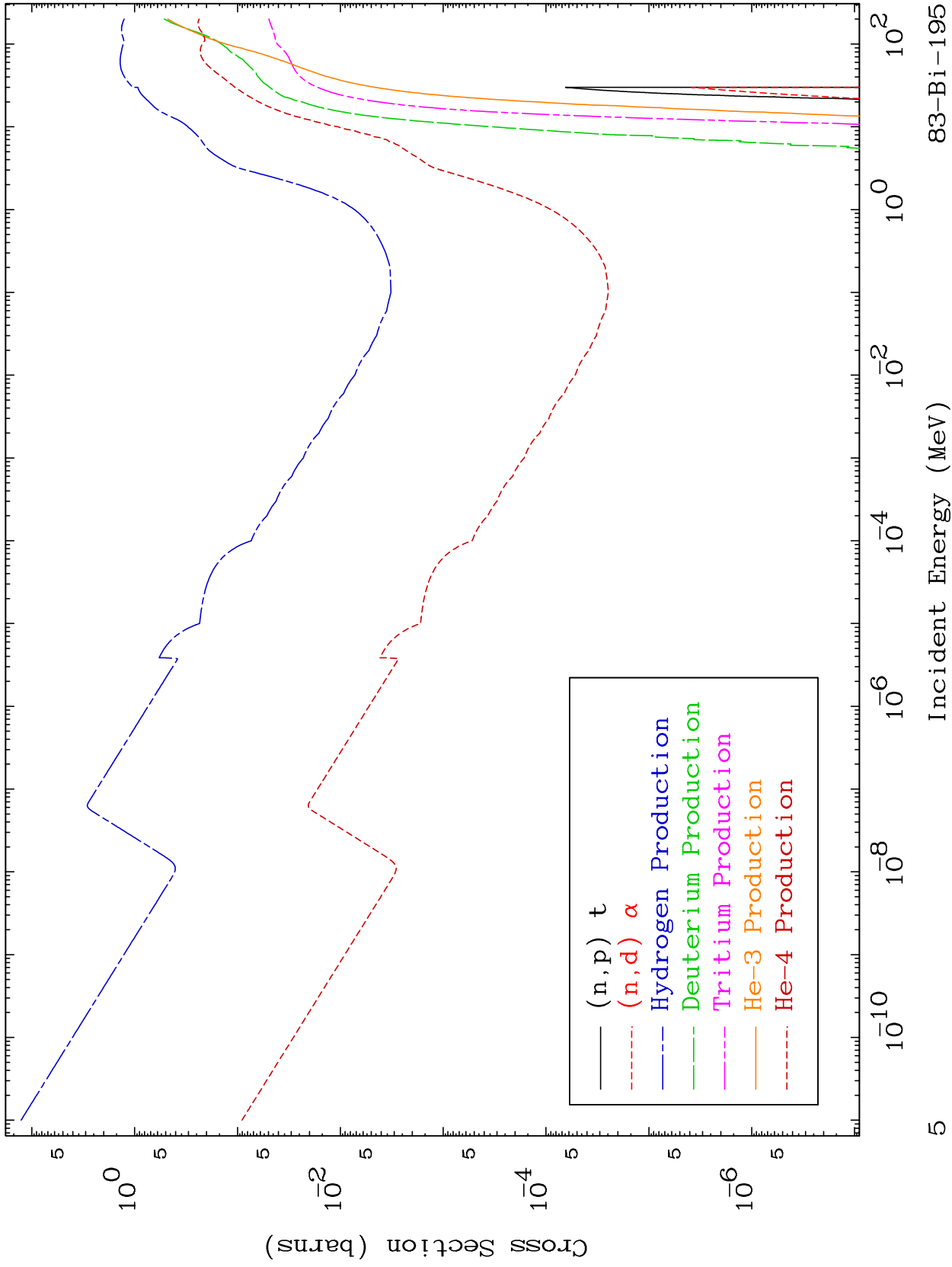


MAT 8283

Neutron Absorption  
293 Kelvin Cross Sections

83-Bi-195

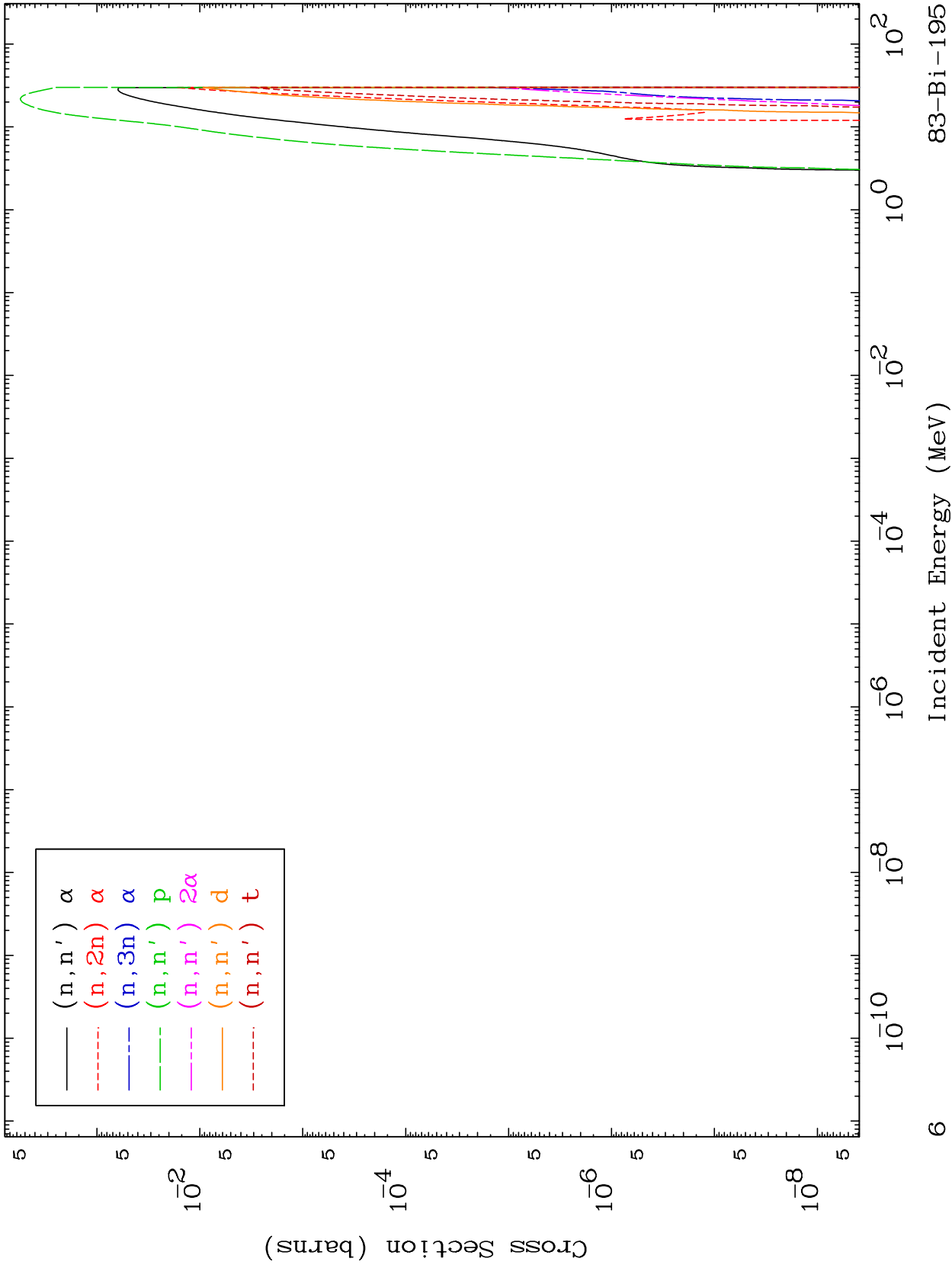




MAT 8283

Charged Particle  
293 Kelvin Cross Sections

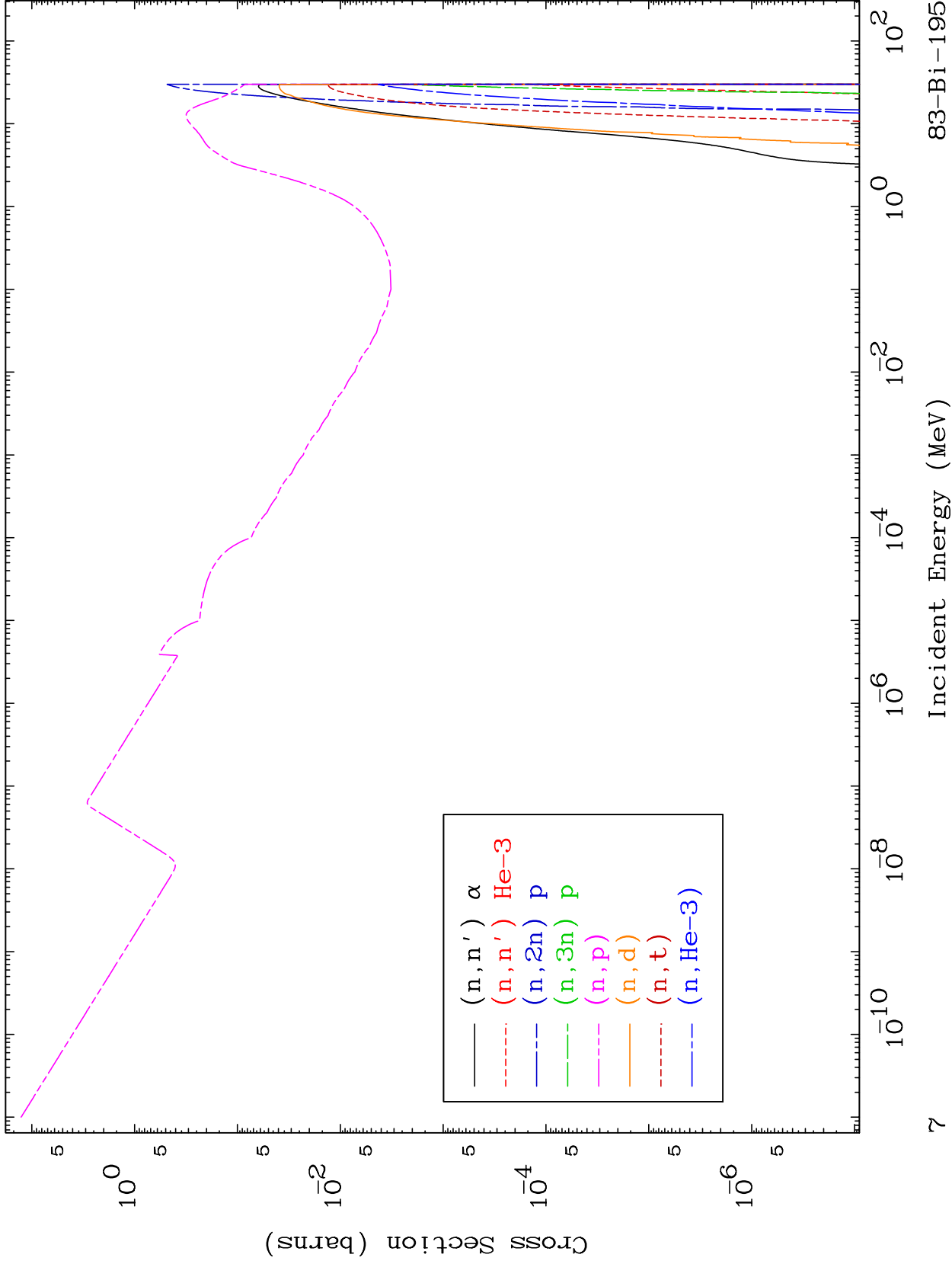
83-Bi-195



MAT 8283

Charged Particle  
293 Kelvin Cross Sections

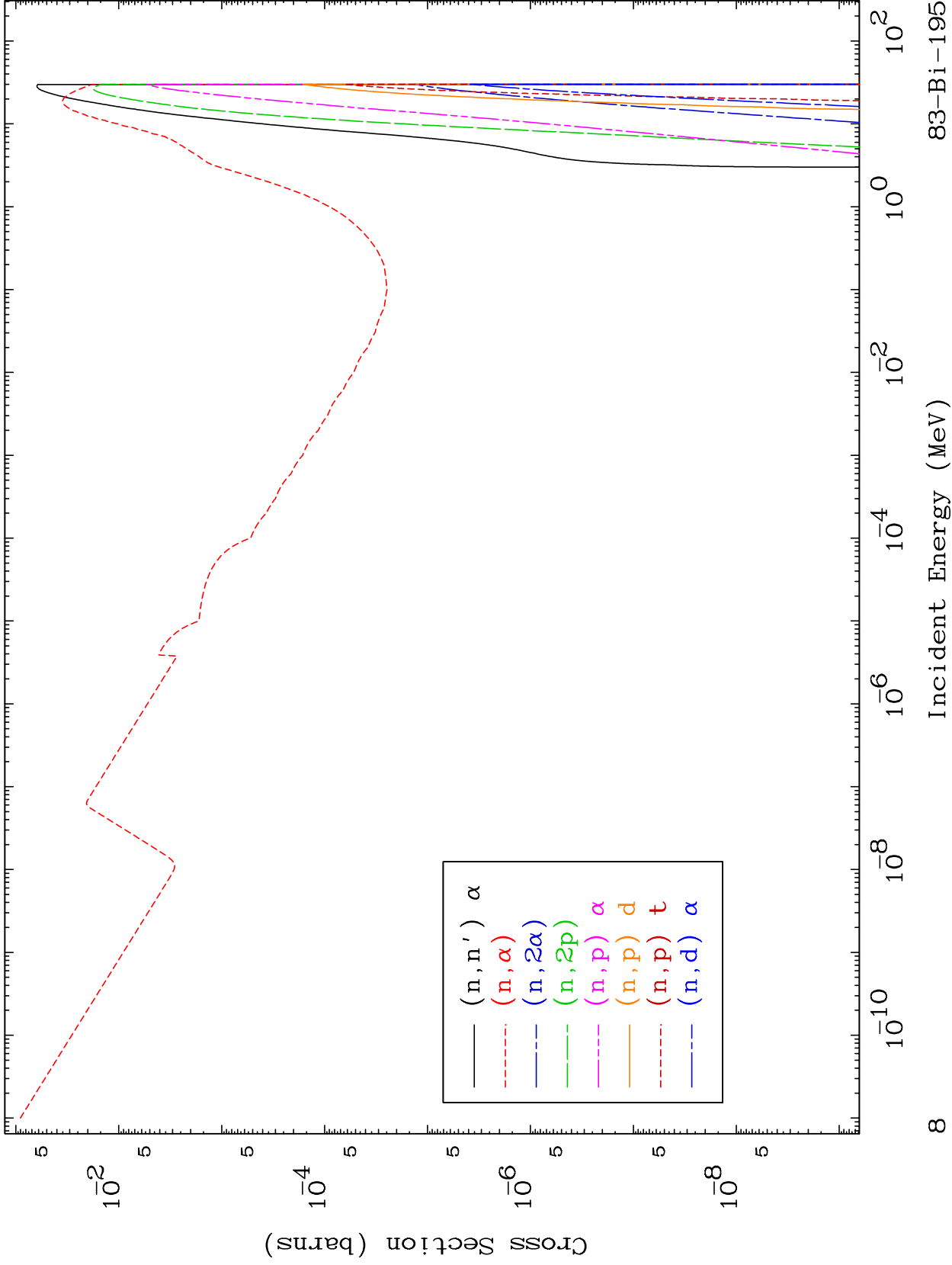
83-Bi-195



MAT 8283

Charged Particle  
293 Kelvin Cross Sections

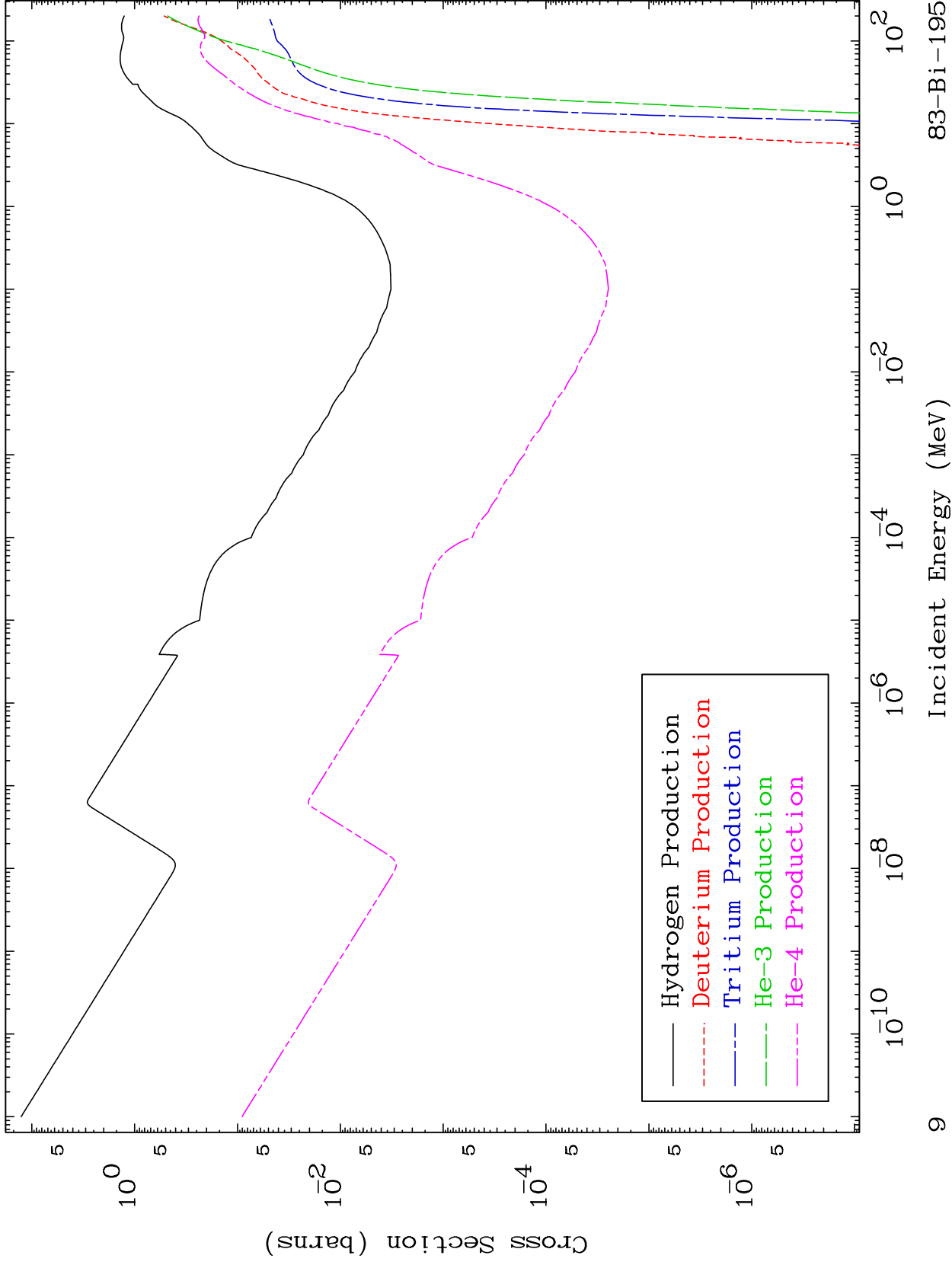
83-Bi-195



MAT 8283

Particle Production  
293 Kelvin Cross Sections

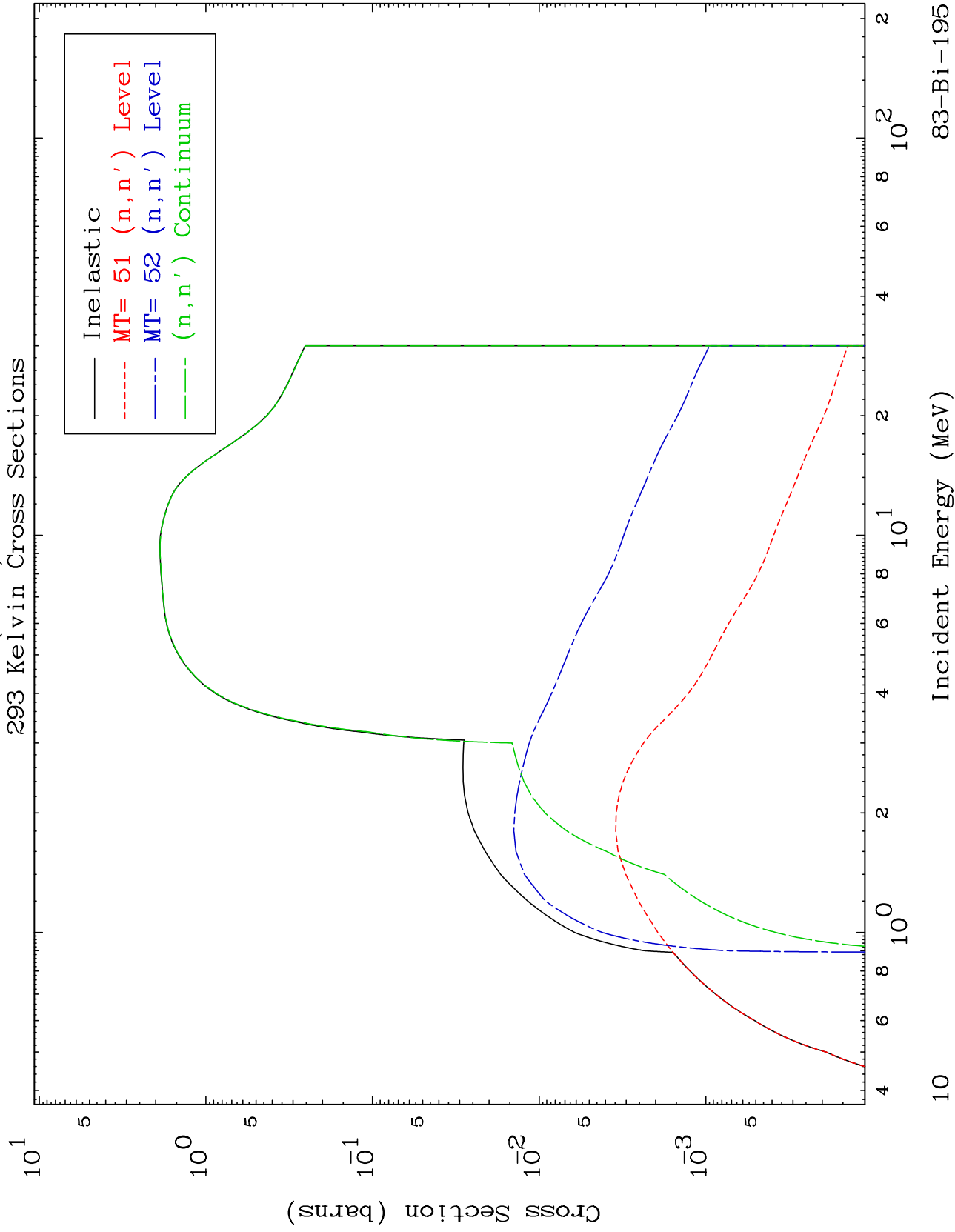
83-Bi-195



MAT 8283

(n,n') Levels

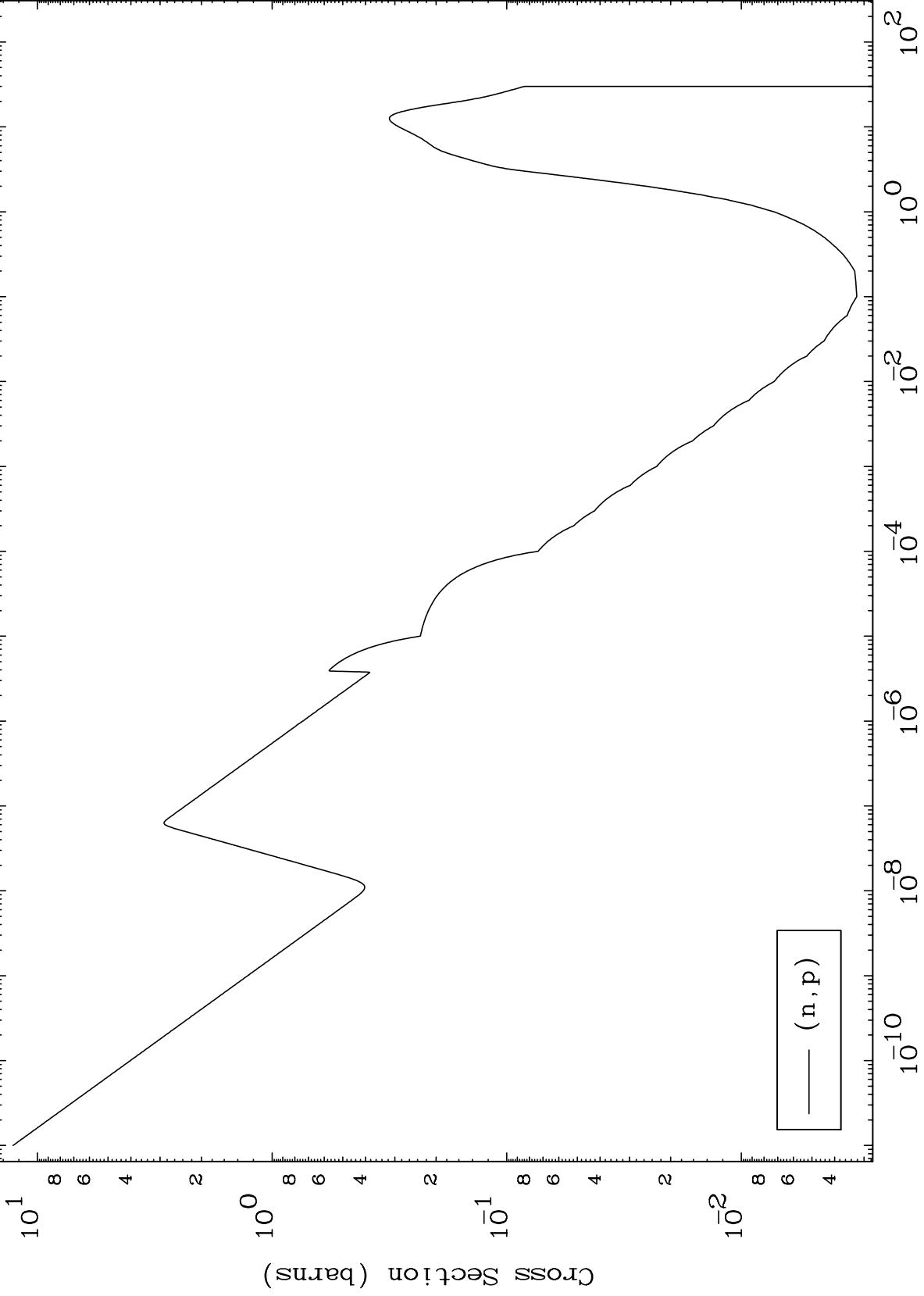
83-Bi-195



MAT 8283

(n,p) Levels  
293 Kelvin Cross Sections

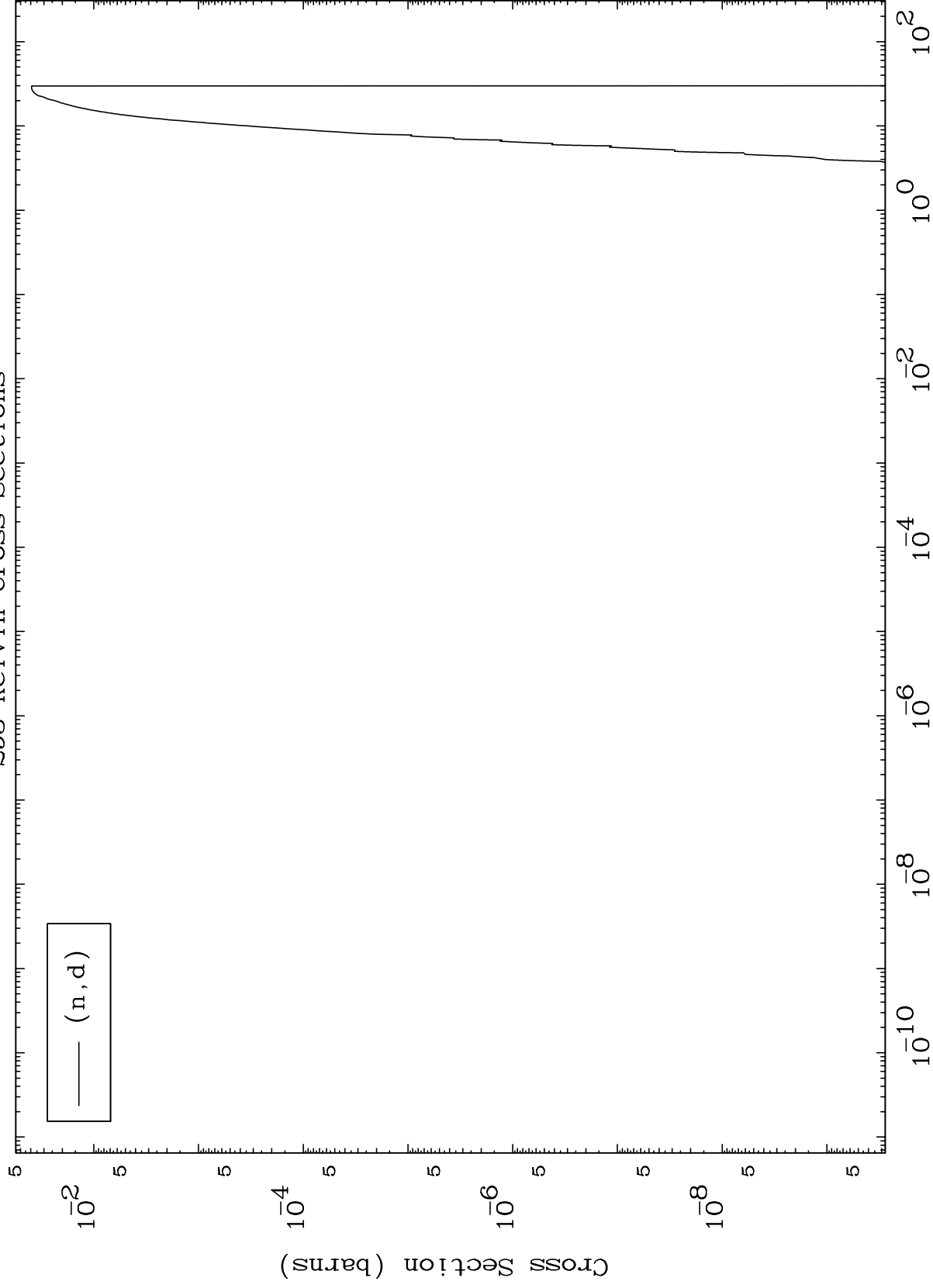
83-Bi-195



MAT 8283

(n,d) Levels  
293 Kelvin Cross Sections

83-Bi-195



12

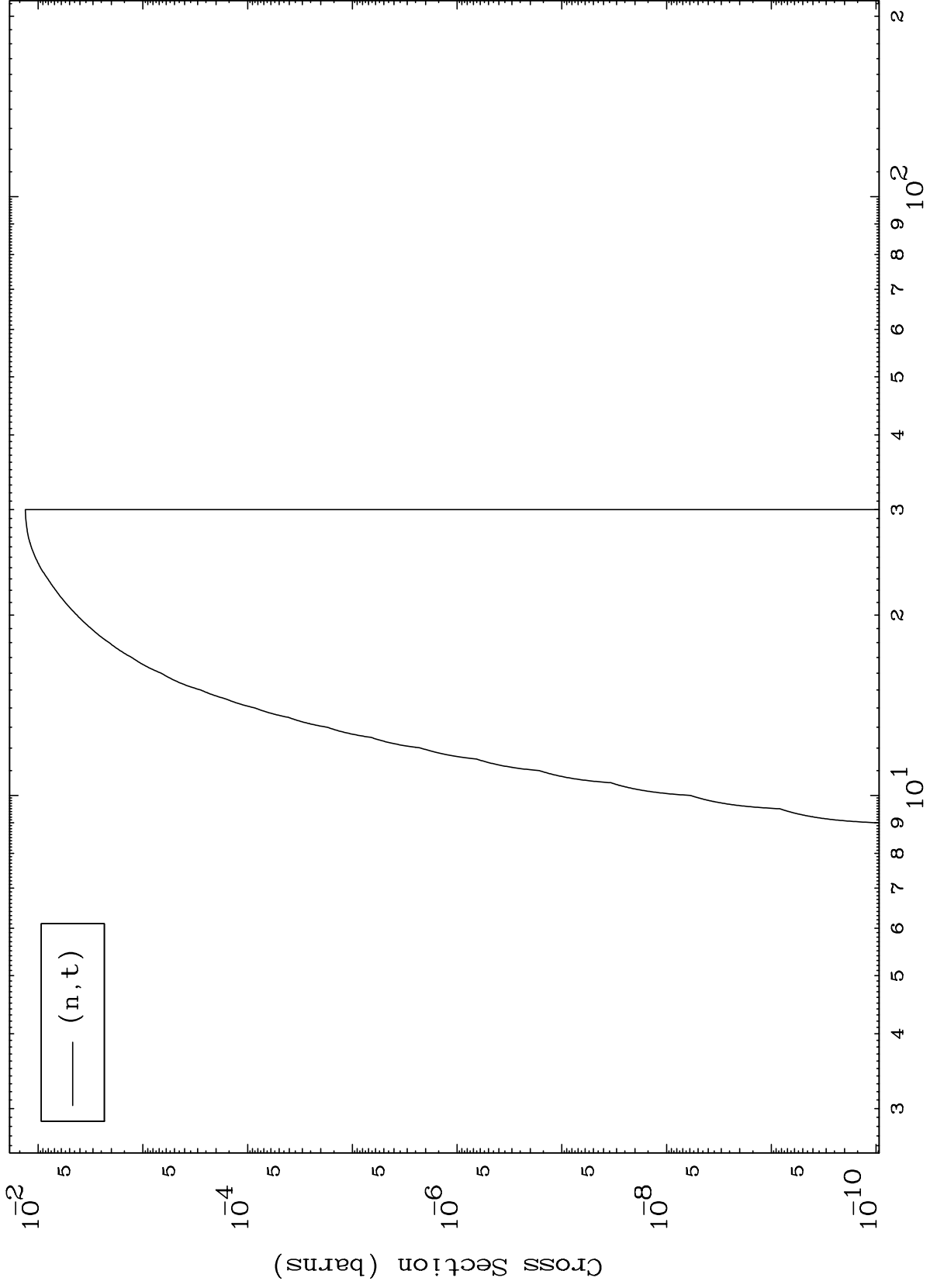
Incident Energy (MeV)

83-Bi-195

MAT 8283

(n,t) Levels  
293 Kelvin Cross Sections

83-Bi-195



13

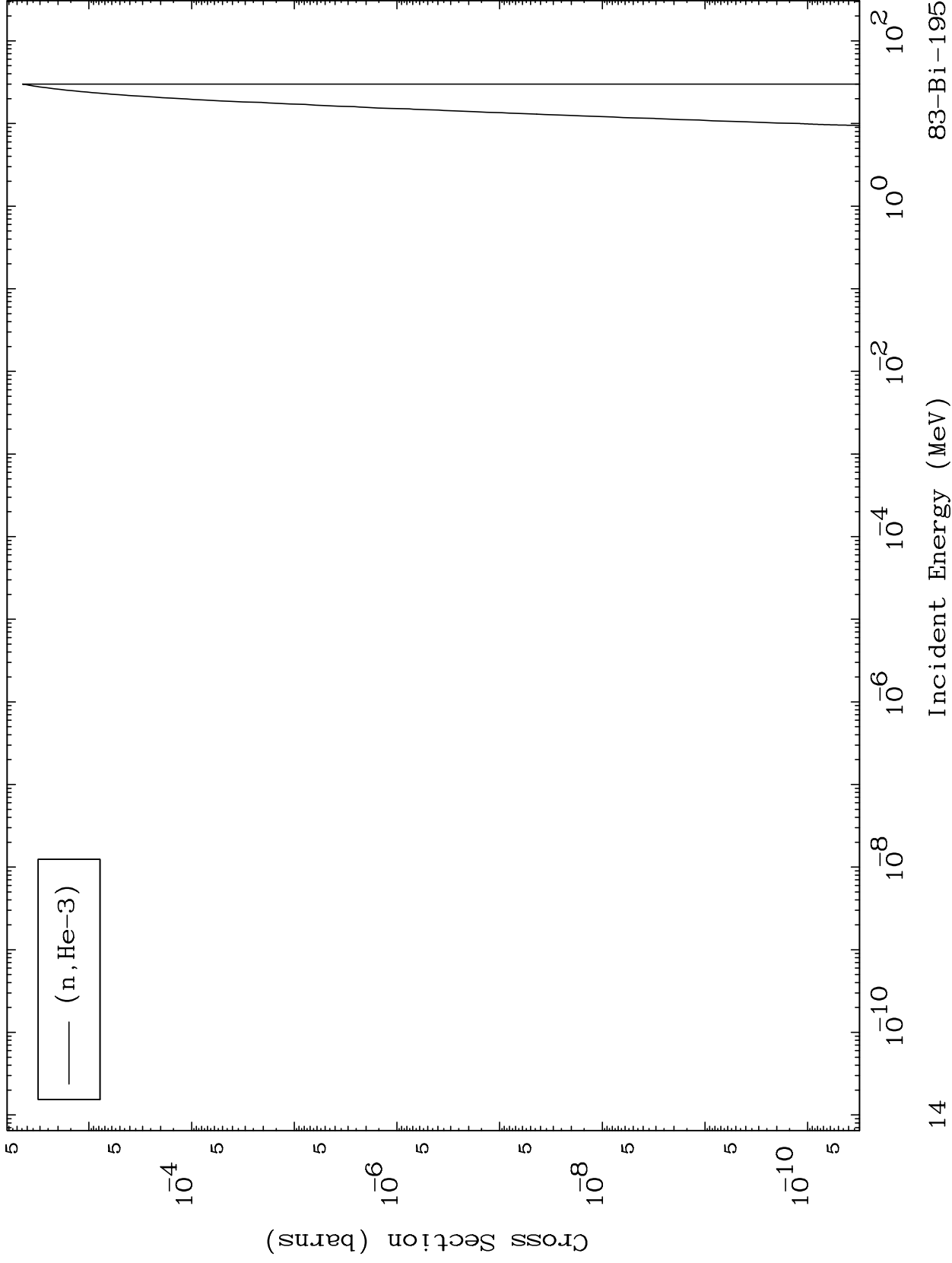
Incident Energy (MeV)

83-Bi-195

MAT 8283

(n,He3) Levels  
293 Kelvin Cross Sections

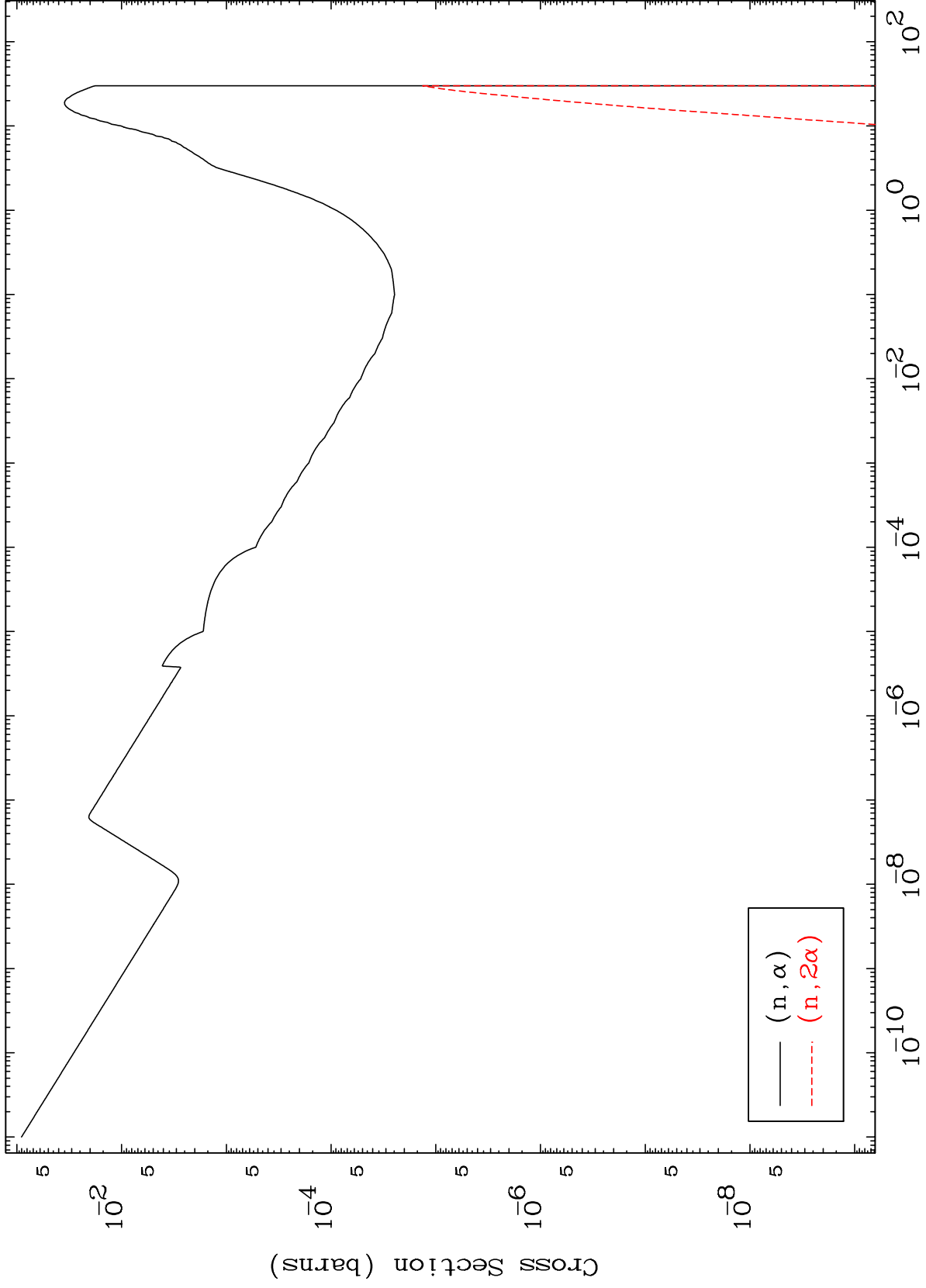
83-Bi-195



MAT 8283

(n,α) Levels  
293 Kelvin Cross Sections

83-Bi-195



15

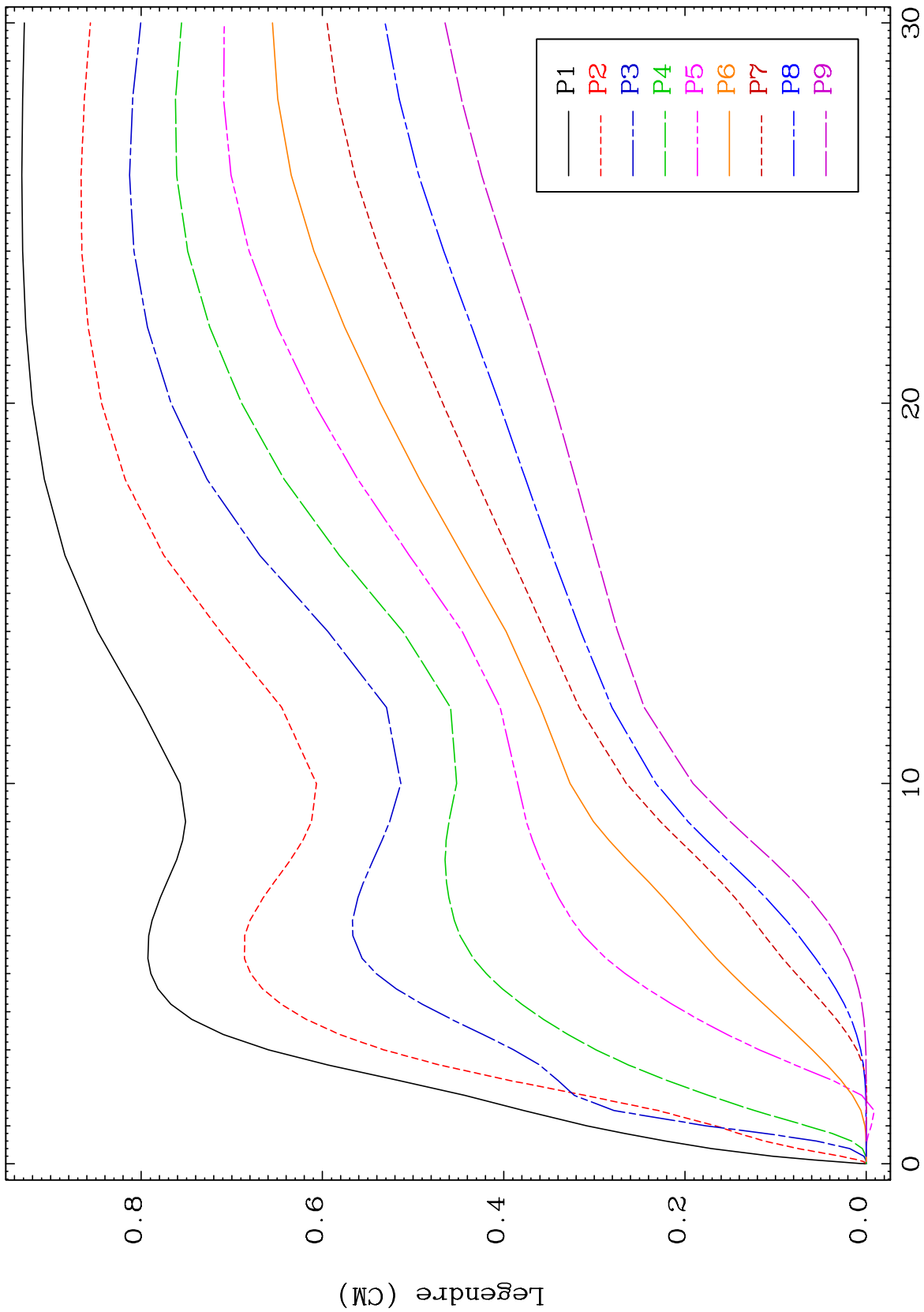
Incident Energy (MeV)

83-Bi-195

MAT 8283

83-Bi-195

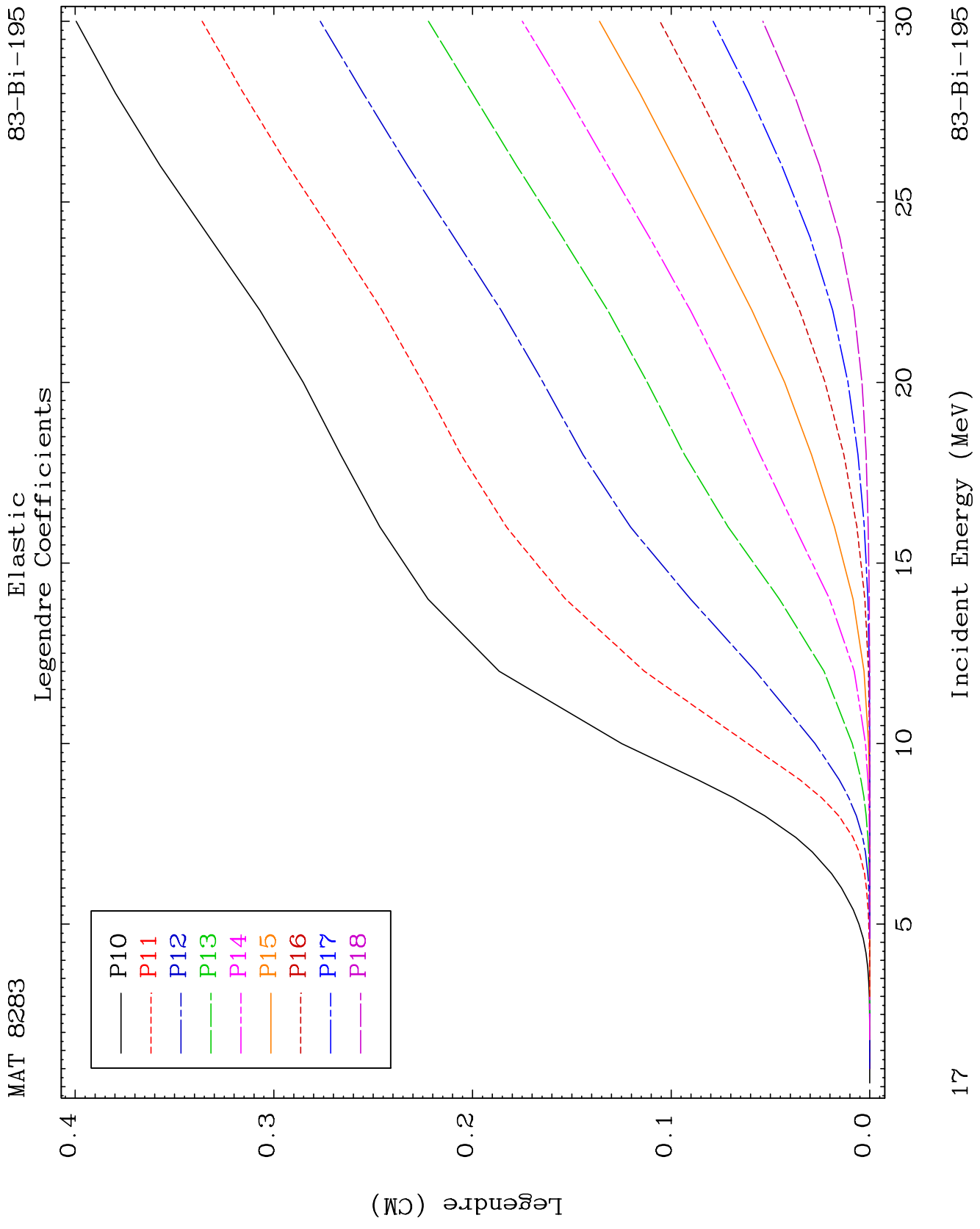
Elastic Legendre Coefficients



83-Bi-195

Incident Energy (MeV)

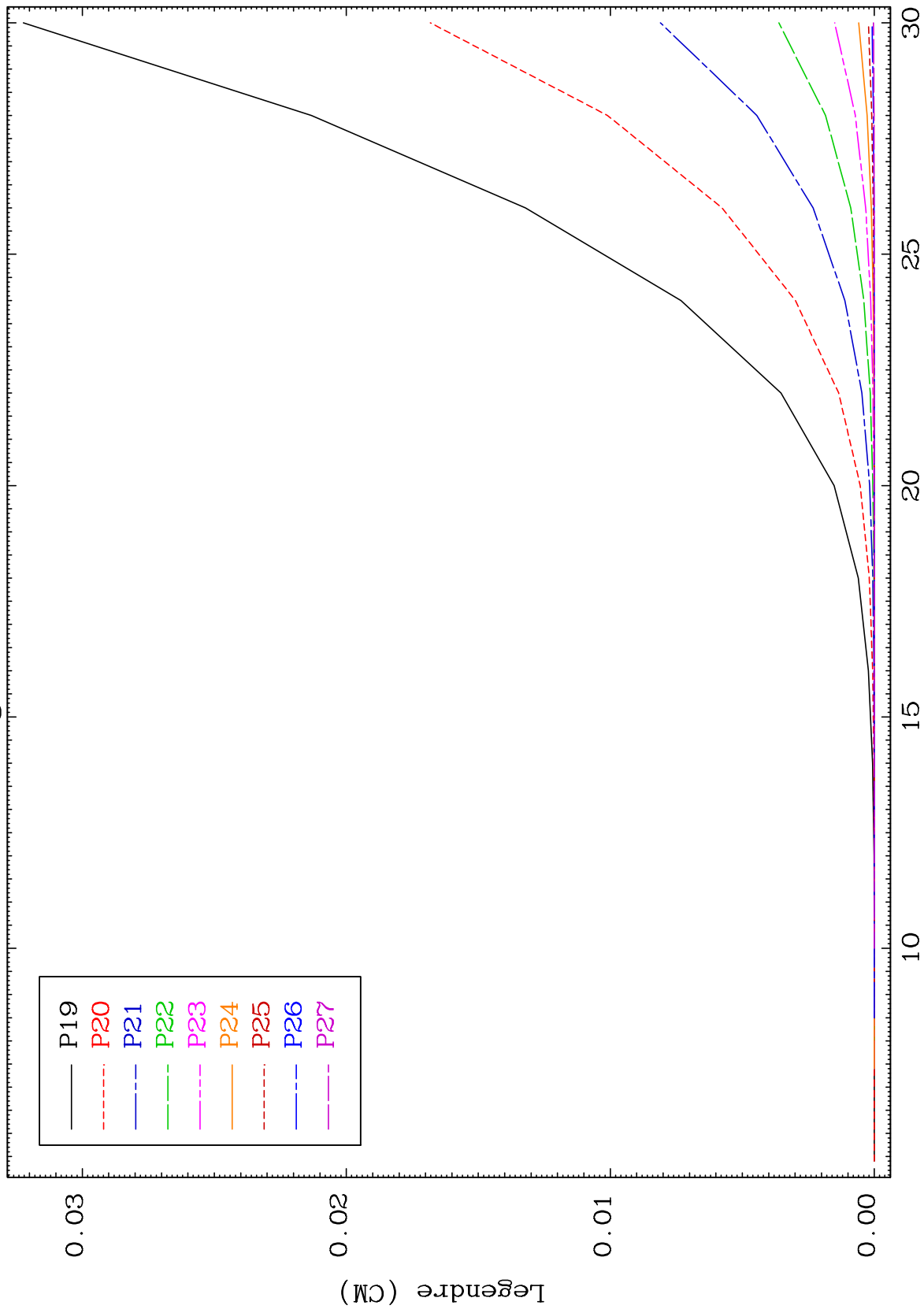
16



MAT 8283

Elastic  
Legendre Coefficients

83-Bi-195



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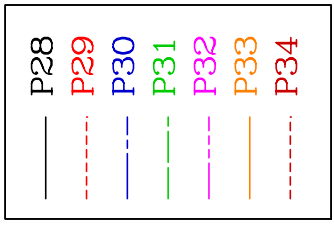
Incident Energy (MeV)

83-Bi-195

MAT 8283

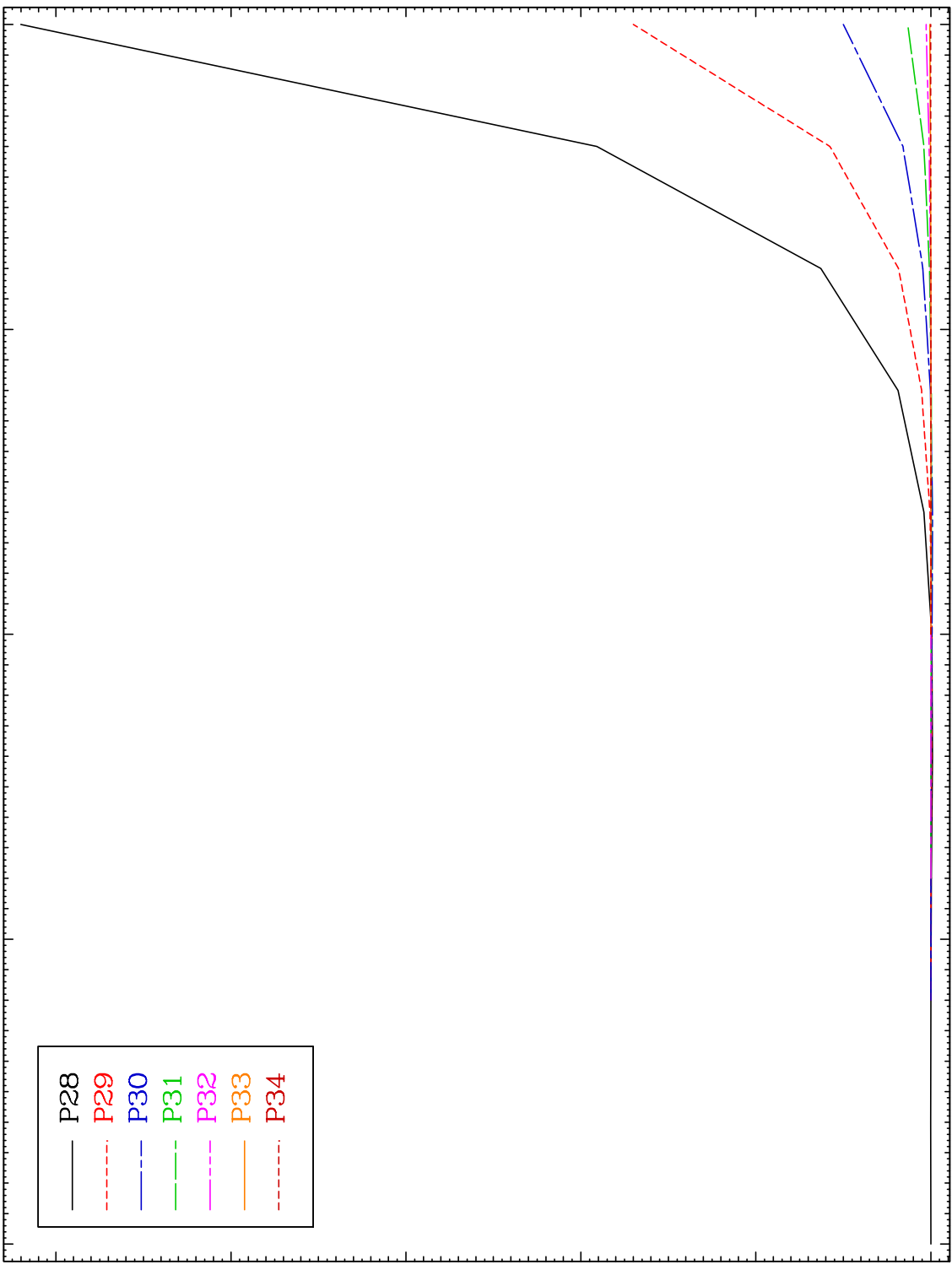
Elastic Legendre Coefficients

83-Bi-195



$\times 10^{-50}$

Legendre (CM)



30

25

20

15

10

Incident Energy (MeV)

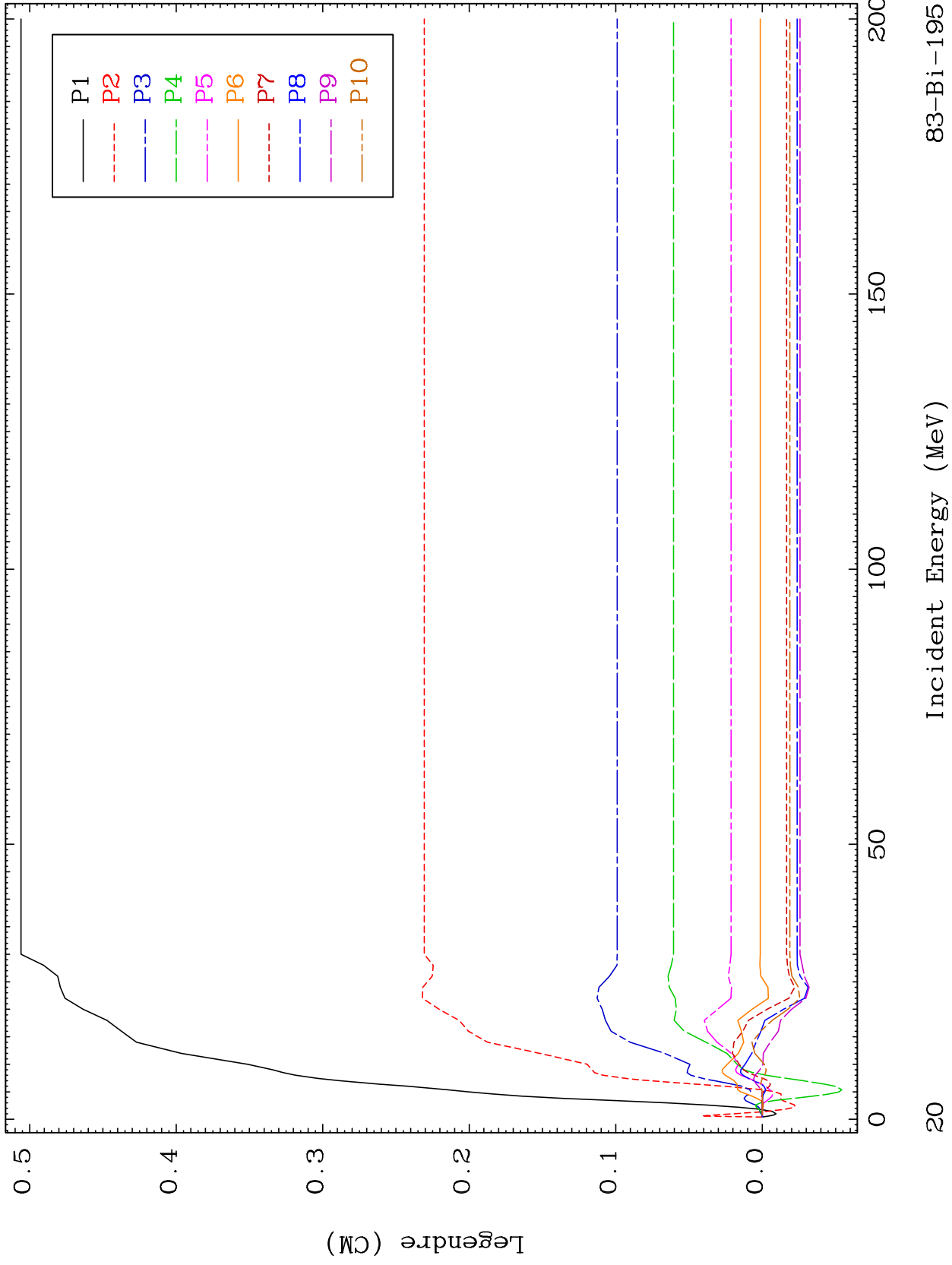
83-Bi-195

19

MAT 8283

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

83-Bi-195



83-Bi-195

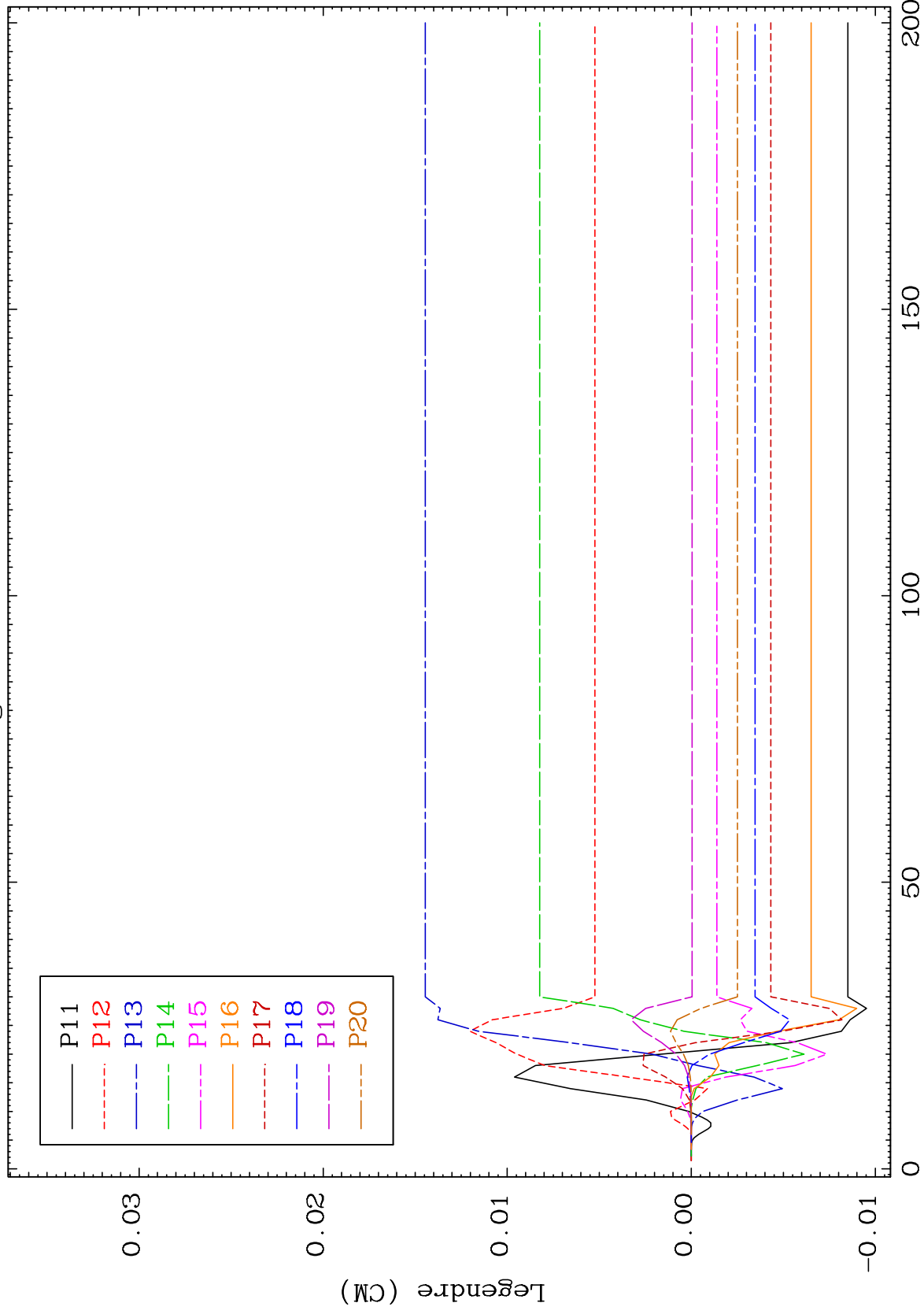
Incident Energy (MeV)

20

MAT 8283

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

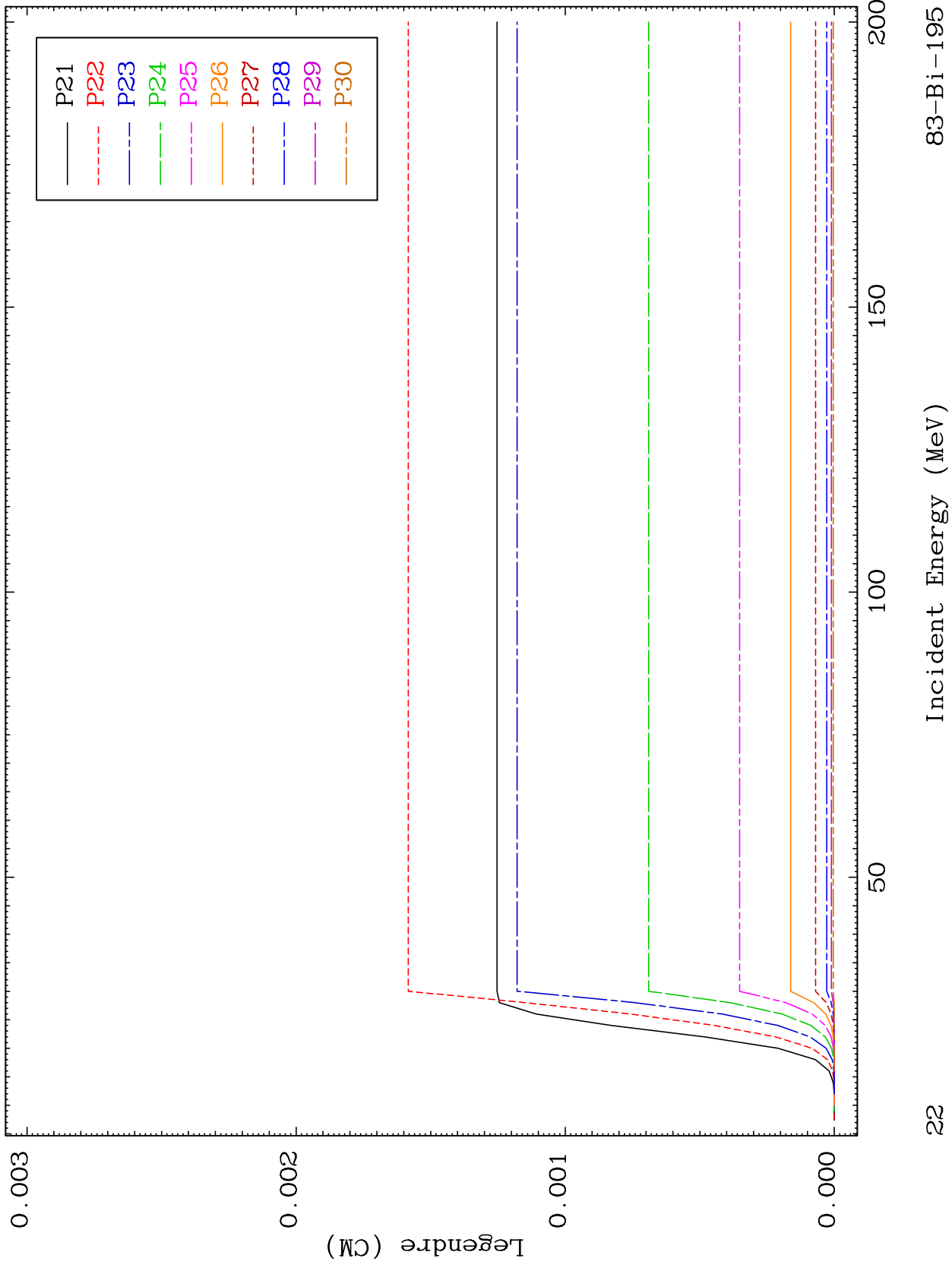
83-Bi-195



MAT 8283

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

83-Bi-195

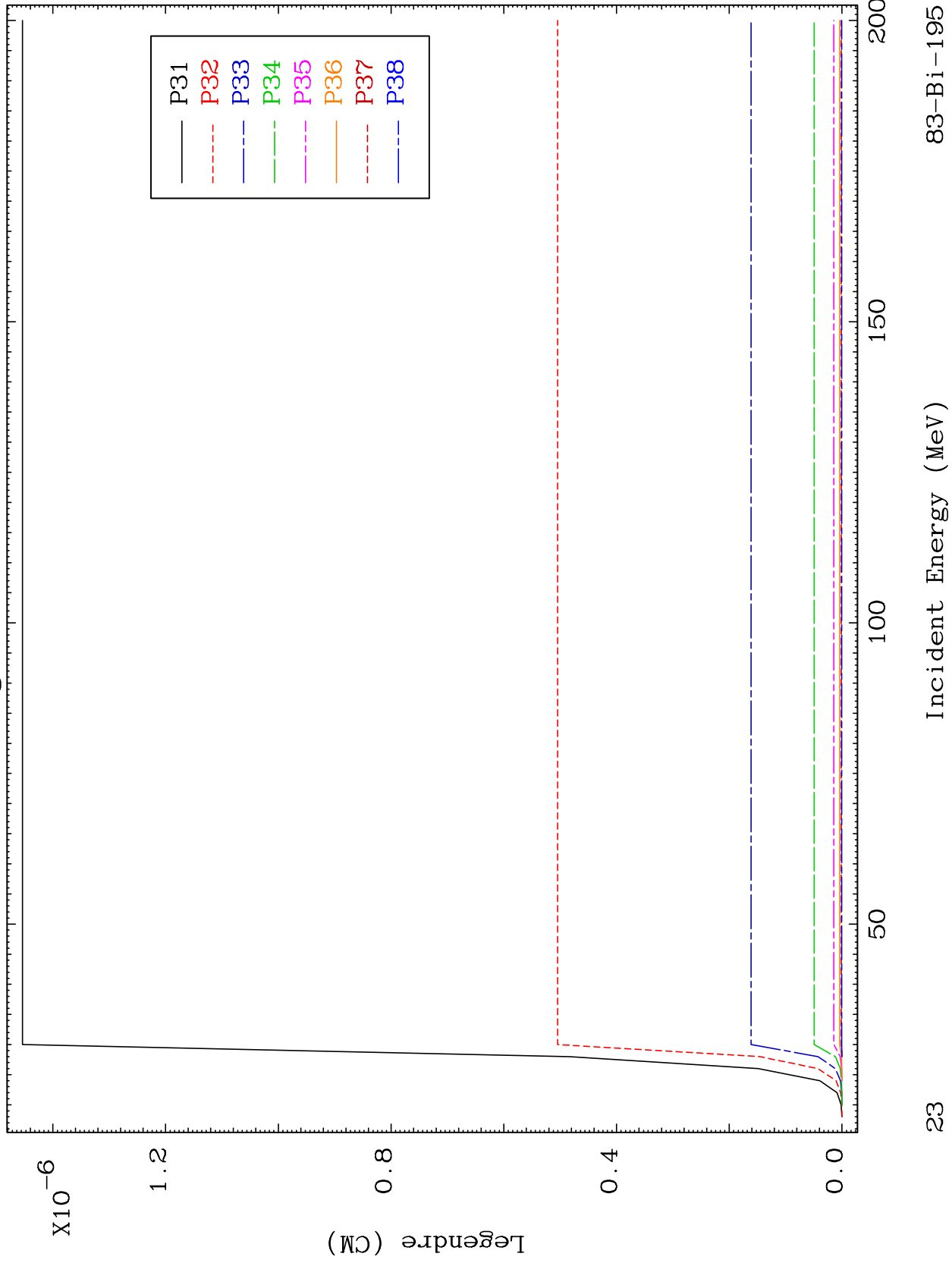


22

MAT 8283

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

83-Bi-195

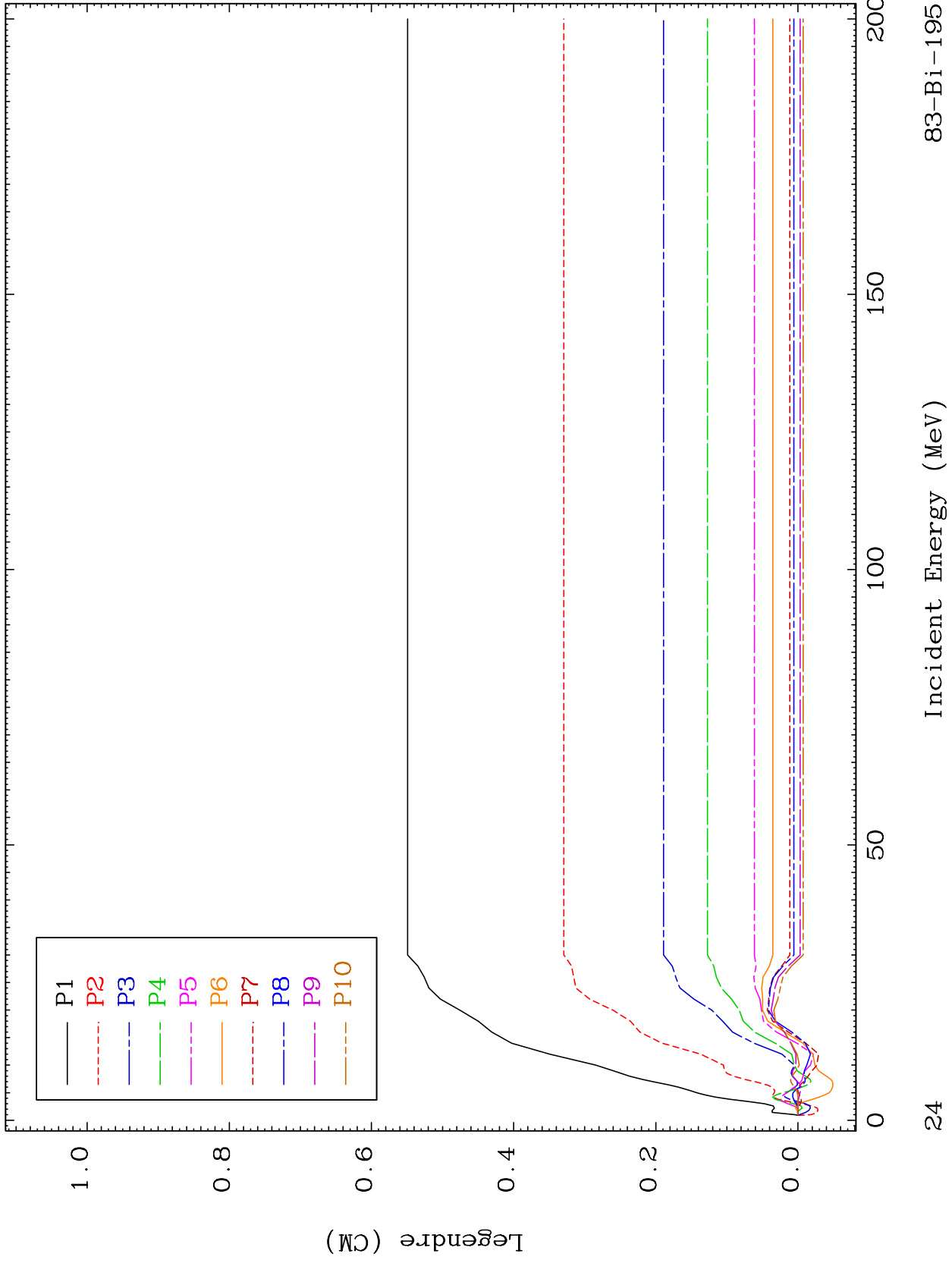


23

MAT 8283

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

83-Bi-195



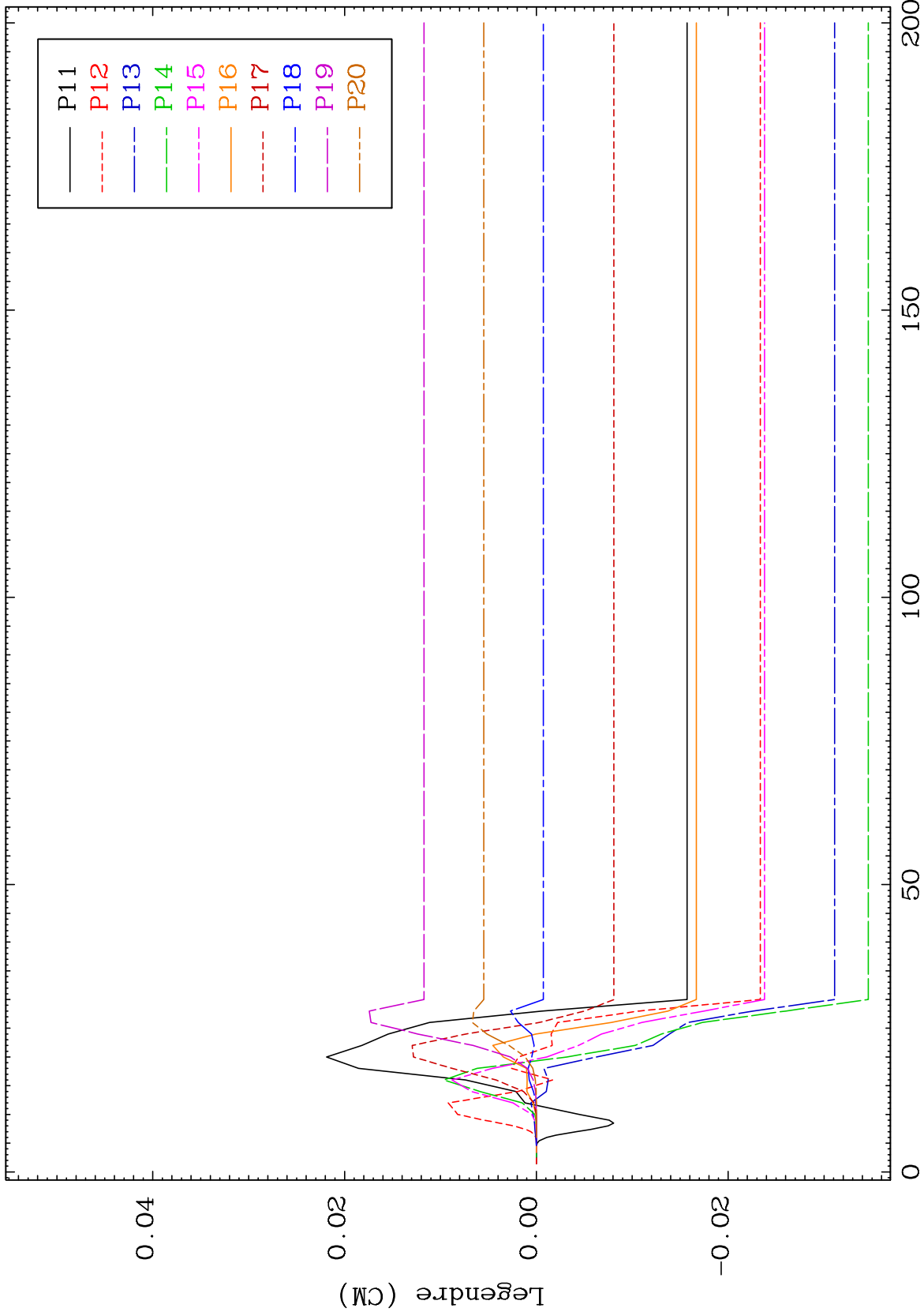
24

83-Bi-195

MAT 8283

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

83-Bi-195



25

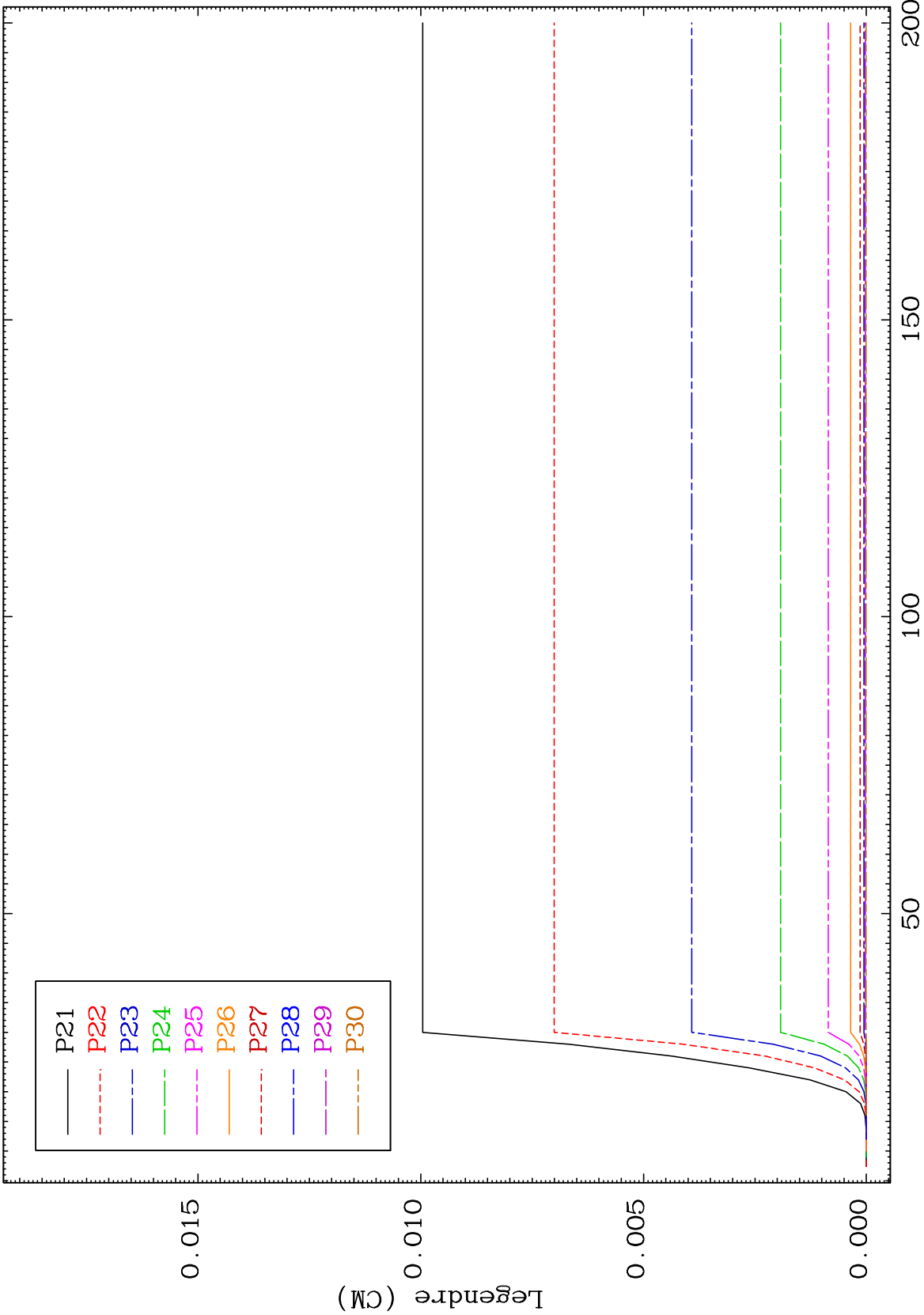
Incident Energy (MeV)

83-Bi-195

MAT 8283

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

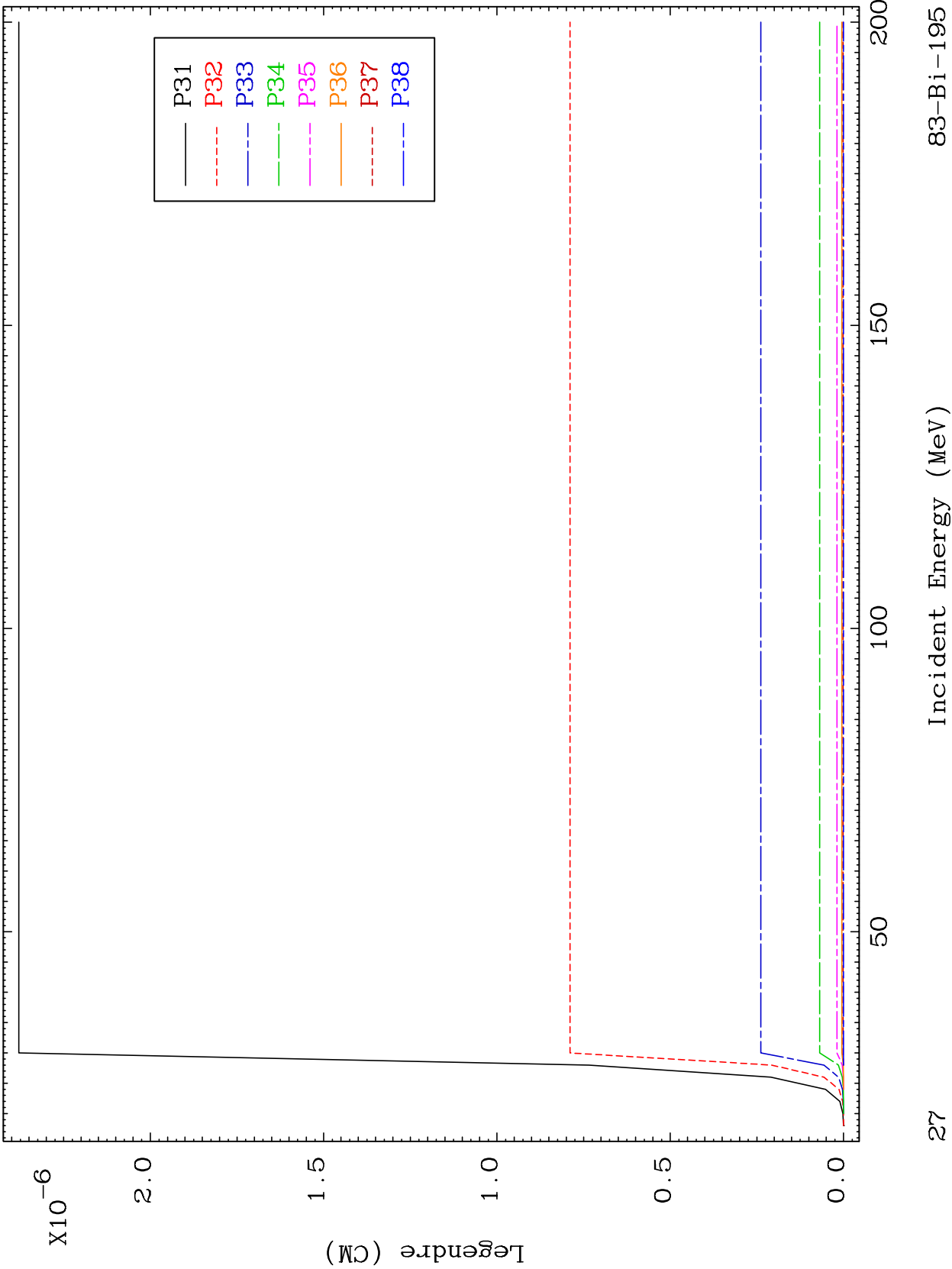
83-Bi-195



26

Incident Energy (MeV)

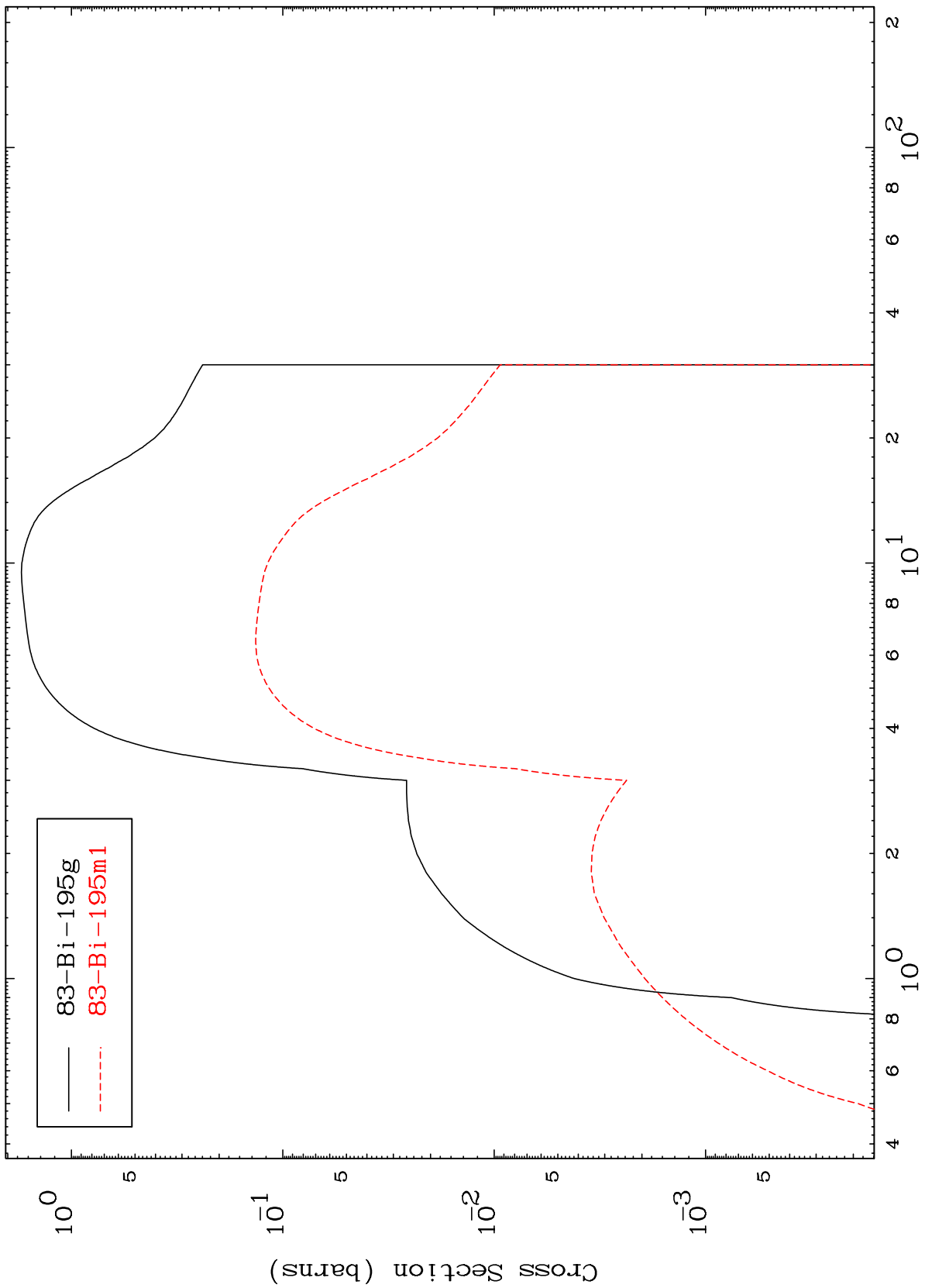
83-Bi-195



MAT 8283

83-Bi-195

Radionuclide Production Cross Section



83-Bi-195g  
83-Bi-195m1

83-Bi-195

Incident Energy (MeV)

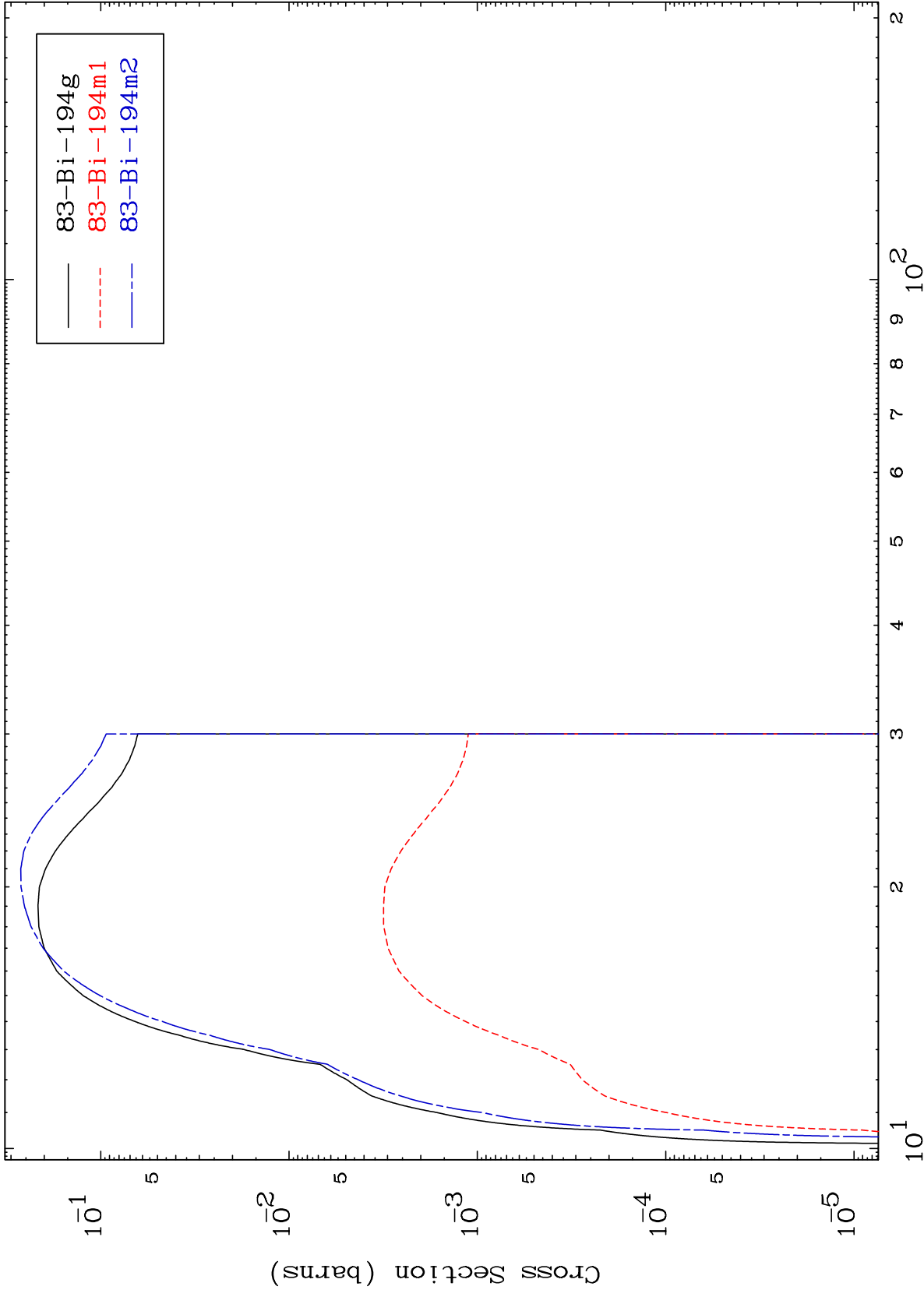
28

MAT 8283

(n,2n)

83-Bi-195

Radionuclide Production Cross Section



29

Incident Energy (MeV)

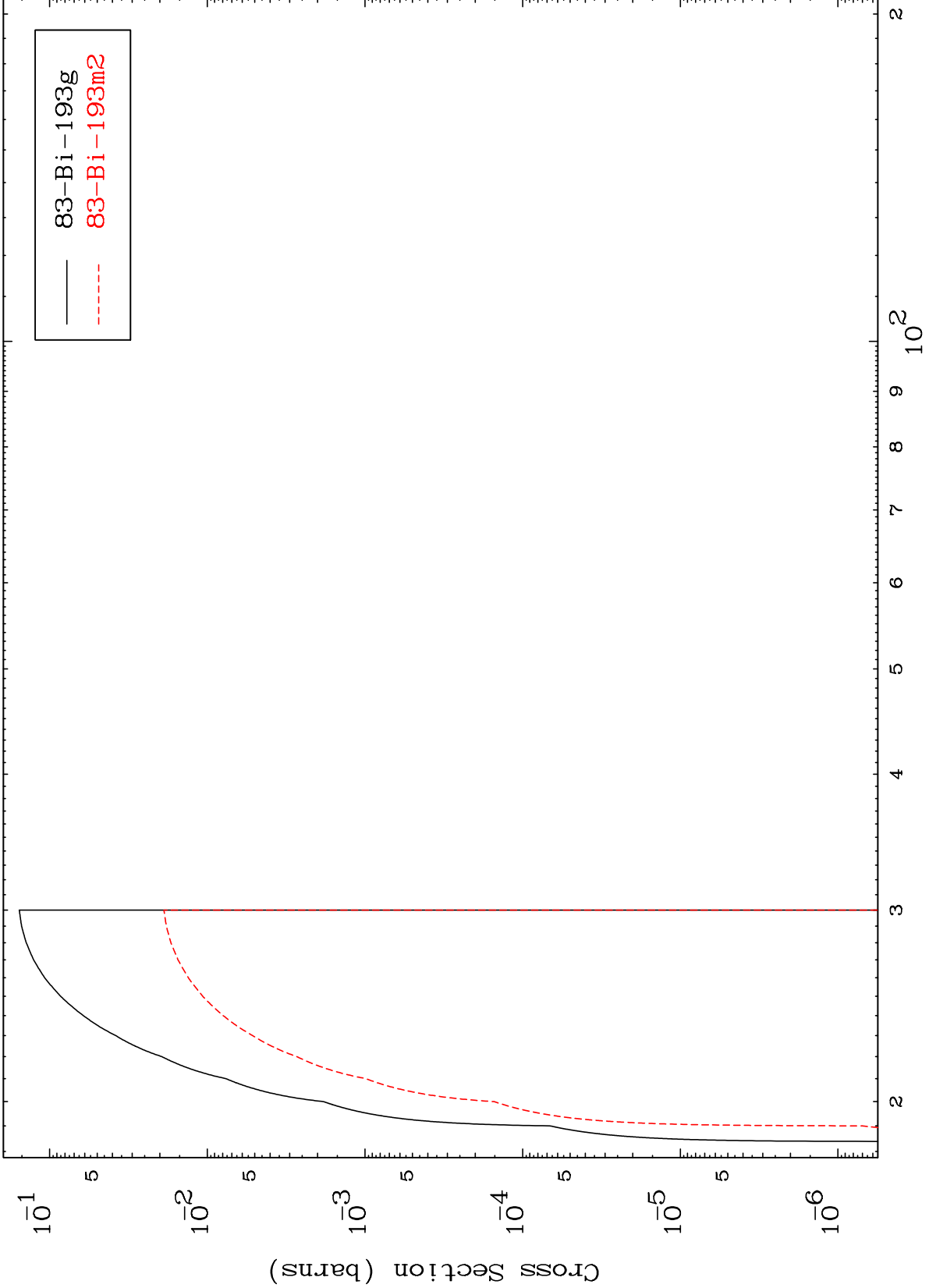
83-Bi-195

MAT 8283

(n,3n)

83-Bi-195

Radionuclide Production Cross Section



30

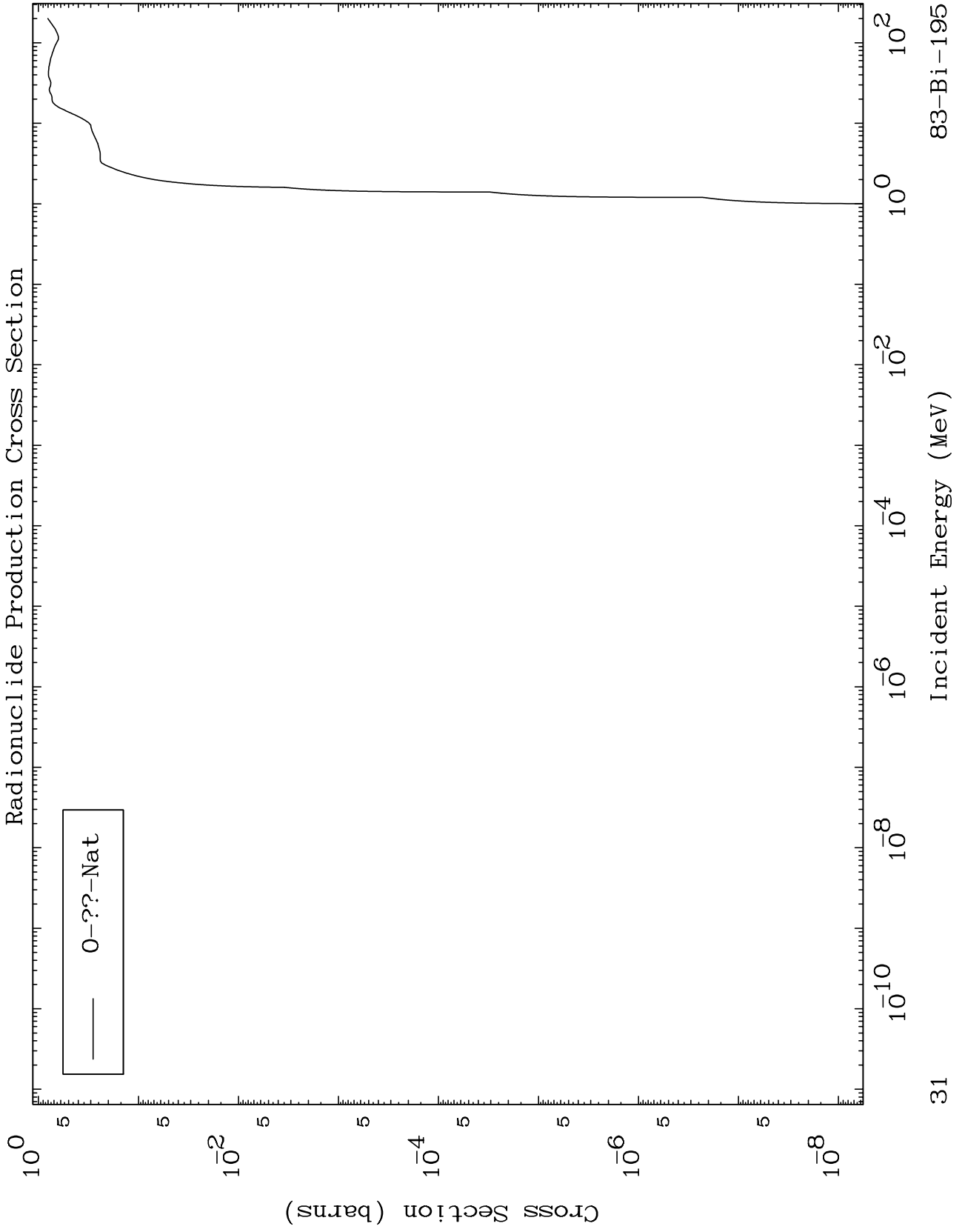
Incident Energy (MeV)

83-Bi-195

MAT 8283

Fission

83-Bi-195

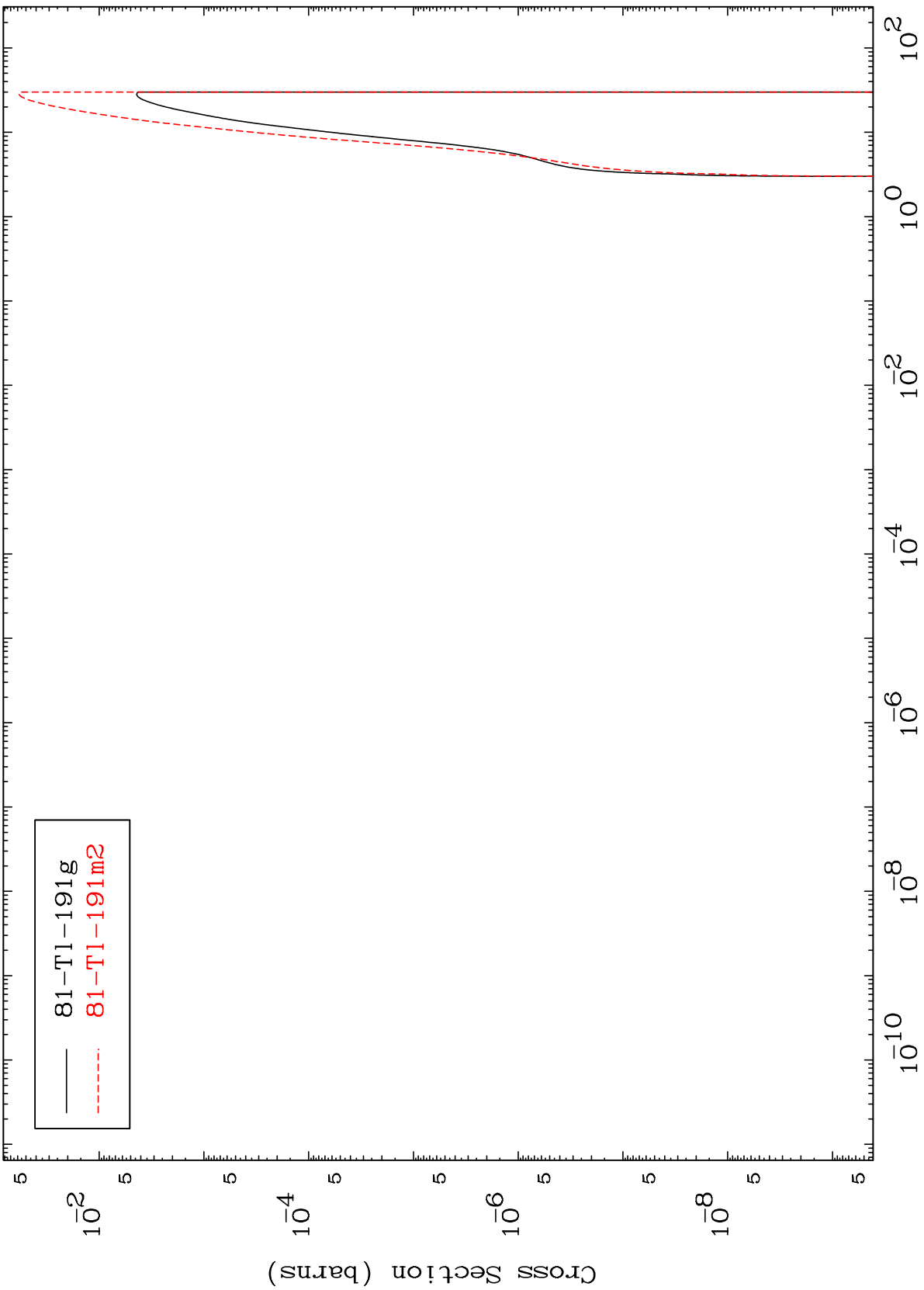


MAT 8283

$(n, n')$   $\alpha$

83-Bi-195

Radionuclide Production Cross Section

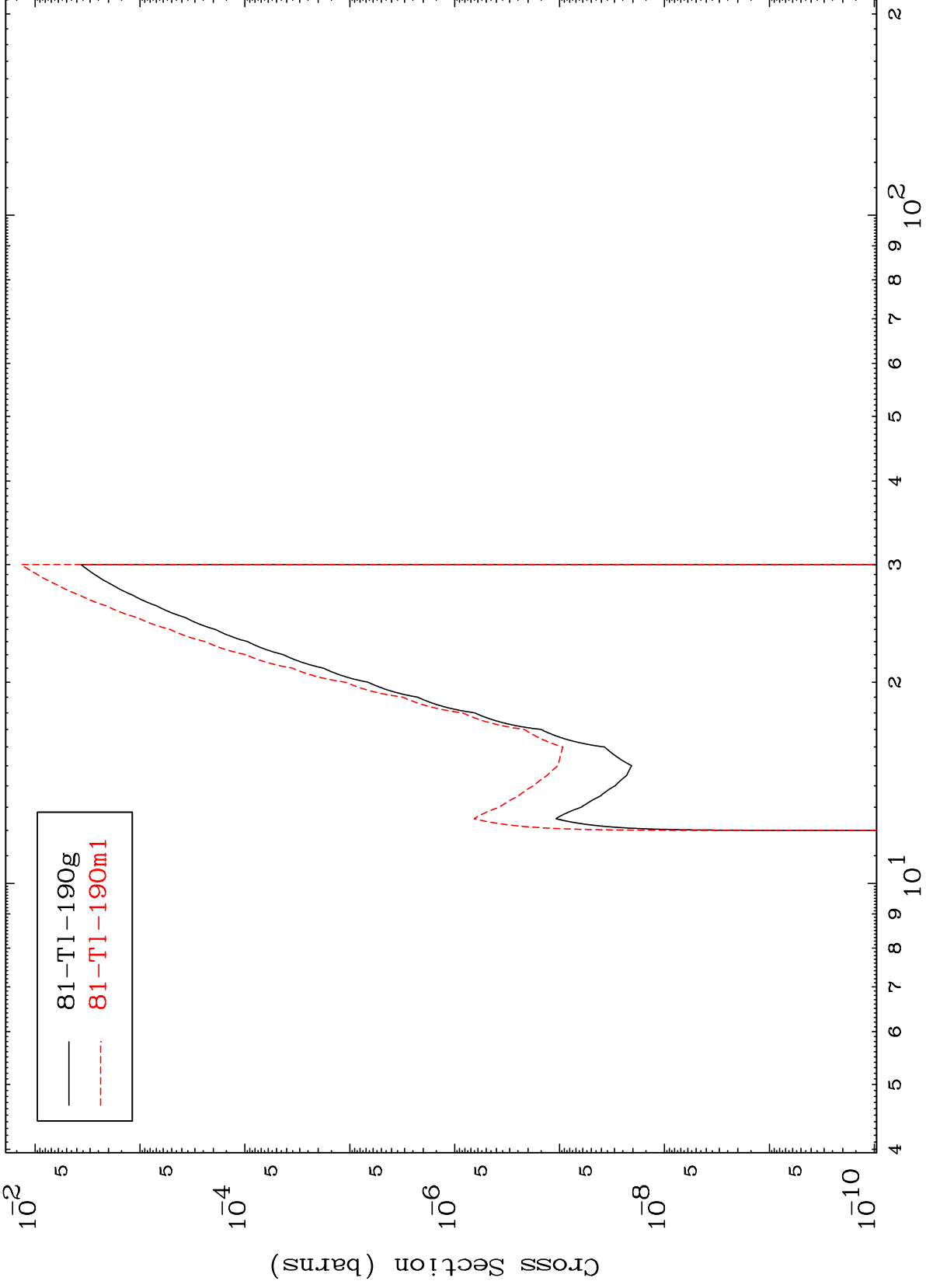


MAT 8283

$(n,2n) \alpha$

83-Bi-195

Radionuclide Production Cross Section



33

Incident Energy (MeV)

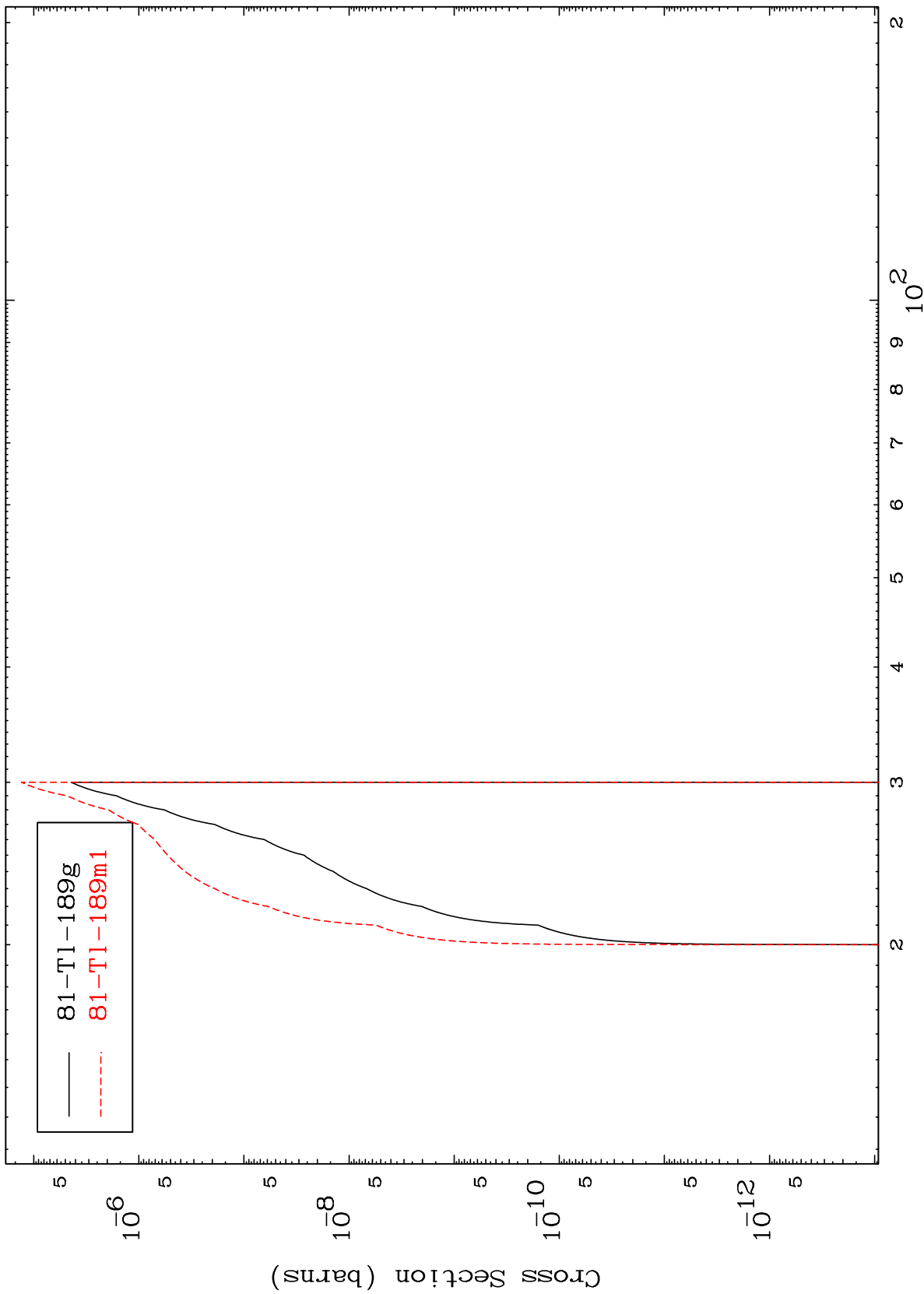
83-Bi-195

MAT 8283

(n,3n)  $\alpha$

83-Bi-195

Radionuclide Production Cross Section



34

Incident Energy (MeV)

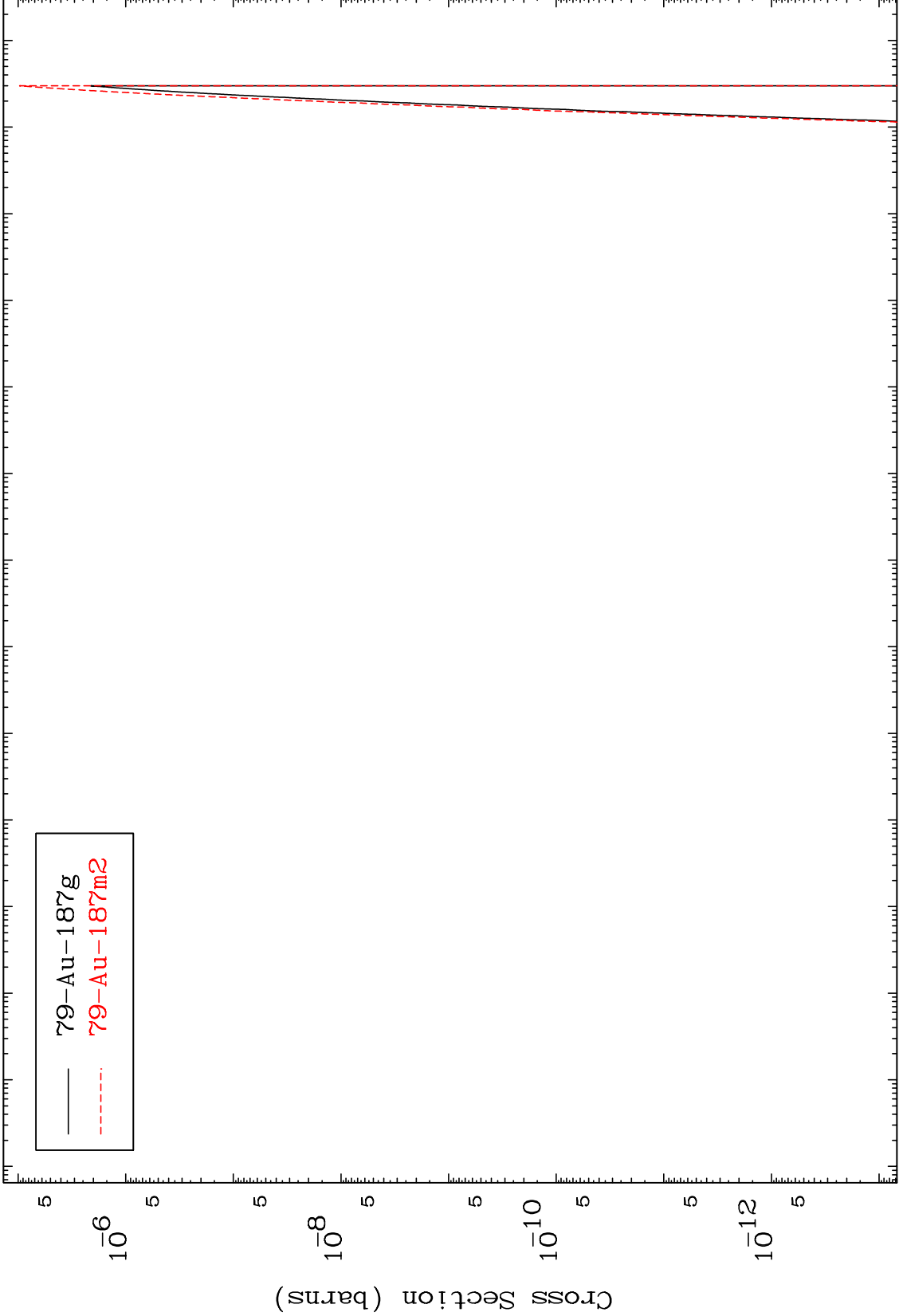
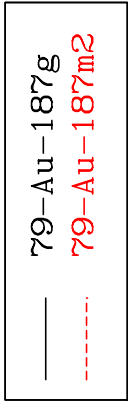
83-Bi-195

MAT 8283

(n,n') 2α

83-Bi-195

Radionuclide Production Cross Section



35

Incident Energy (MeV)

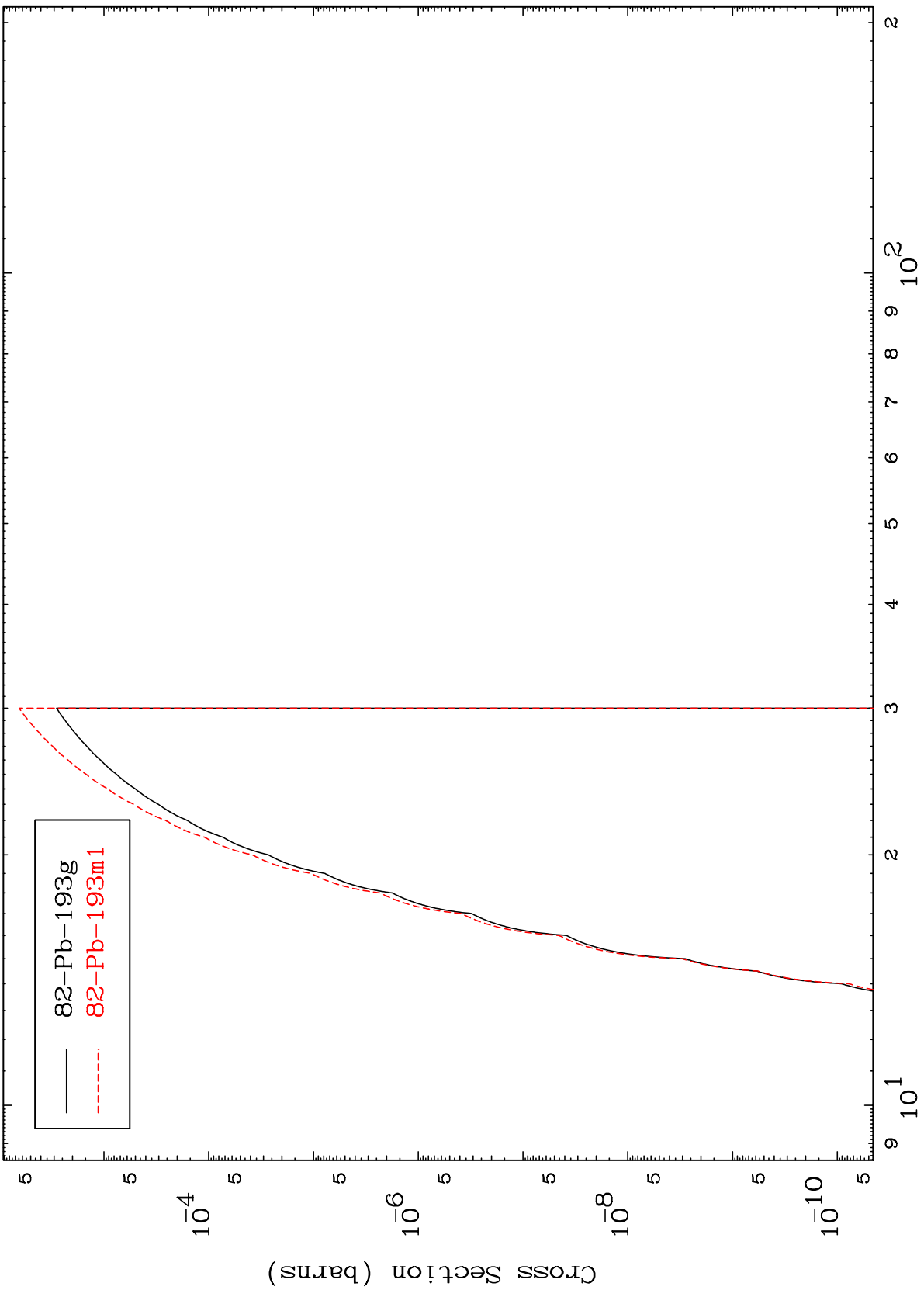
83-Bi-195

MAT 8283

(n,n') d

83-Bi-195

Radionuclide Production Cross Section



36

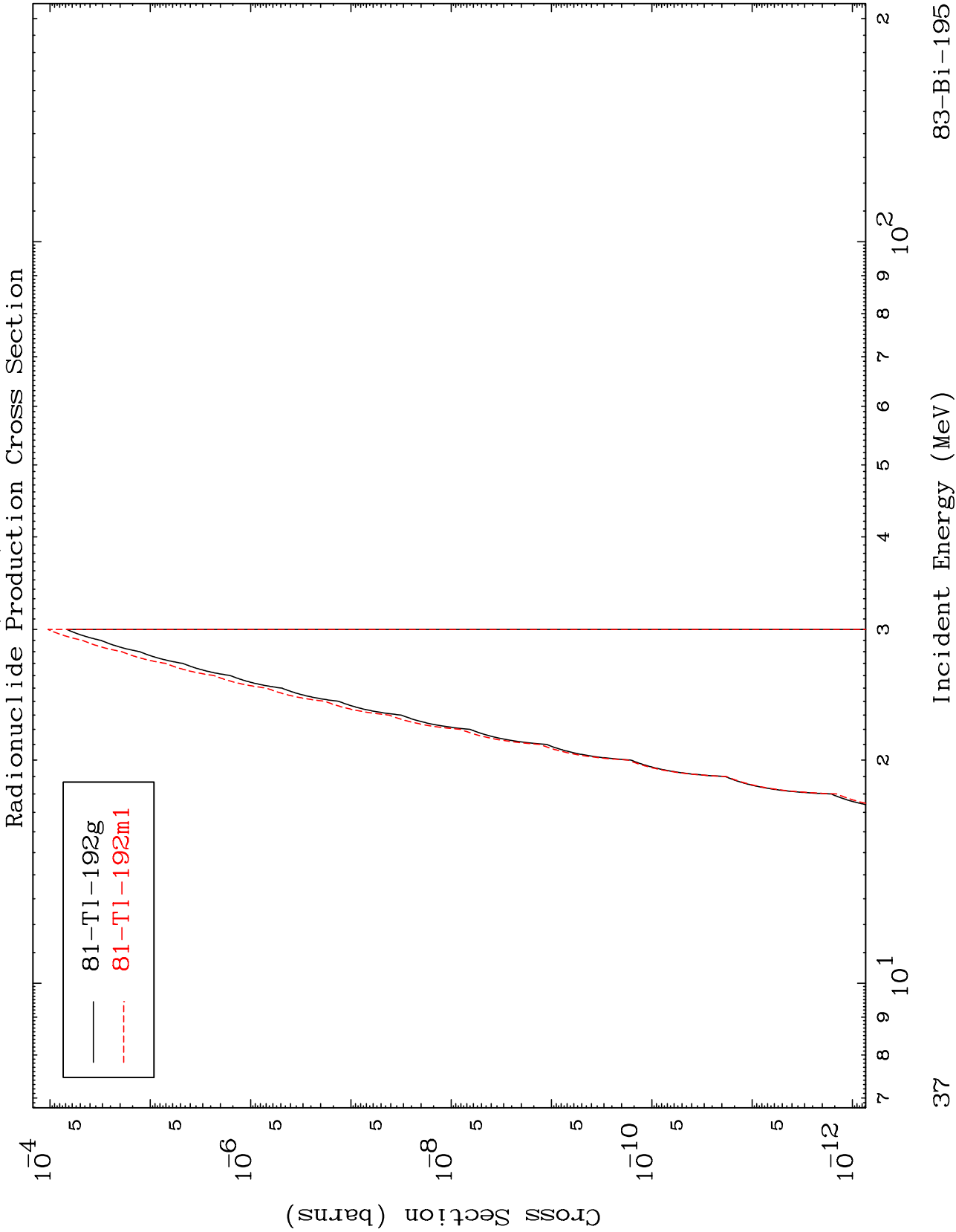
Incident Energy (MeV)

83-Bi-195

MAT 8283

(n,n') He-3

83-Bi-195



37

Incident Energy (MeV)

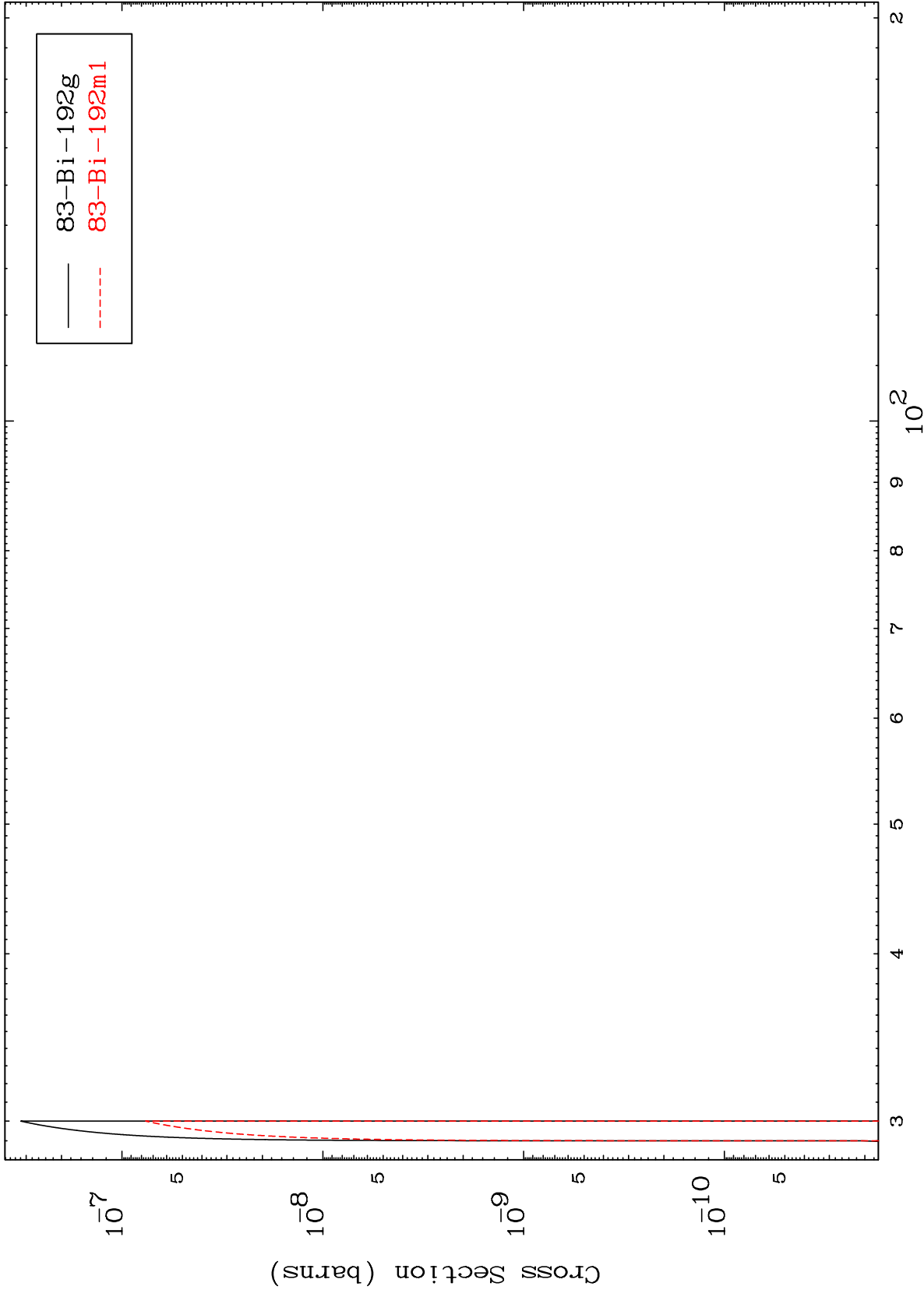
83-Bi-195

MAT 8283

(n,4n)

83-Bi-195

Radionuclide Production Cross Section



38

Incident Energy (MeV)

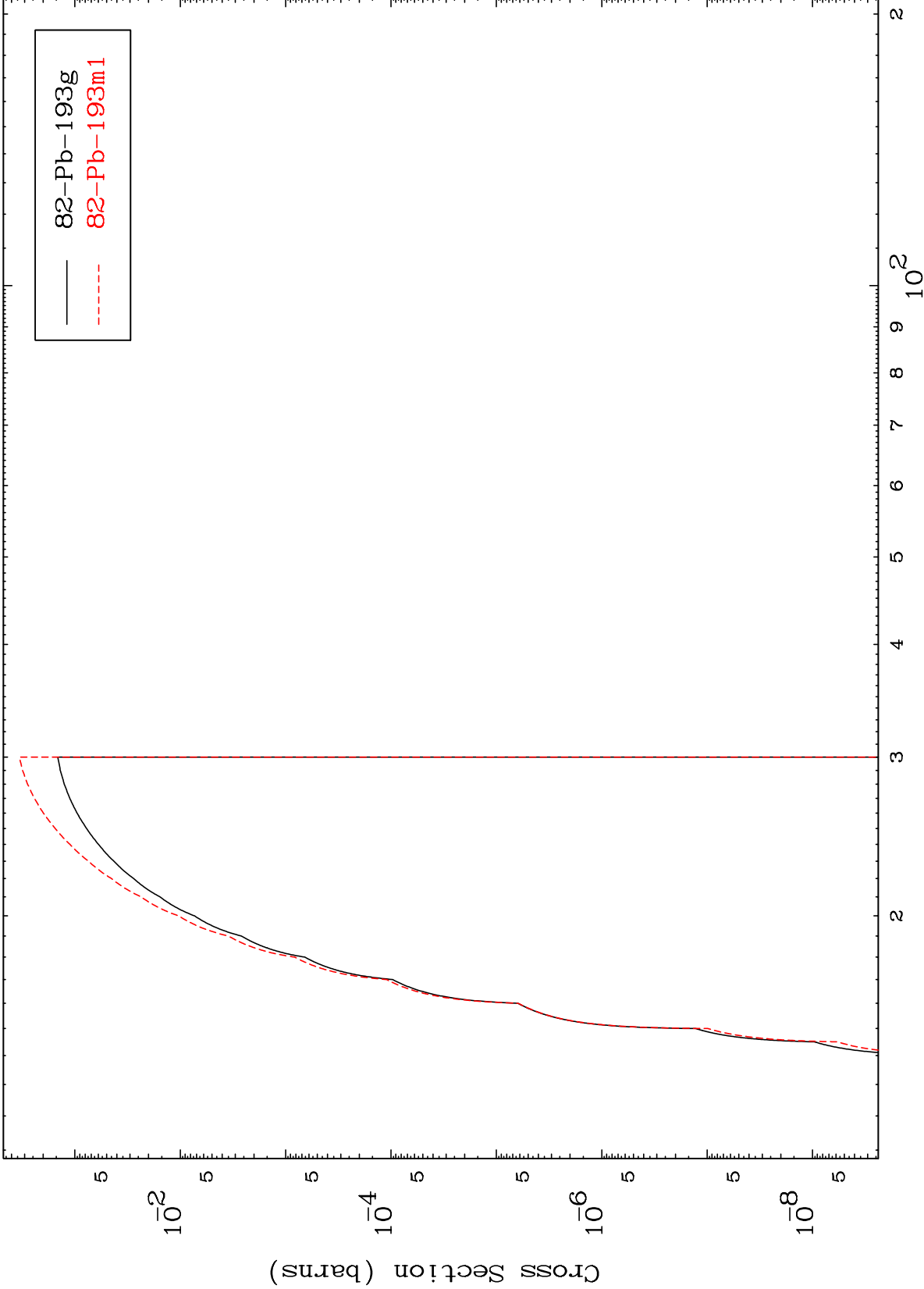
83-Bi-195

MAT 8283

(n,2n) p

83-Bi-195

Radionuclide Production Cross Section



39

Incident Energy (MeV)

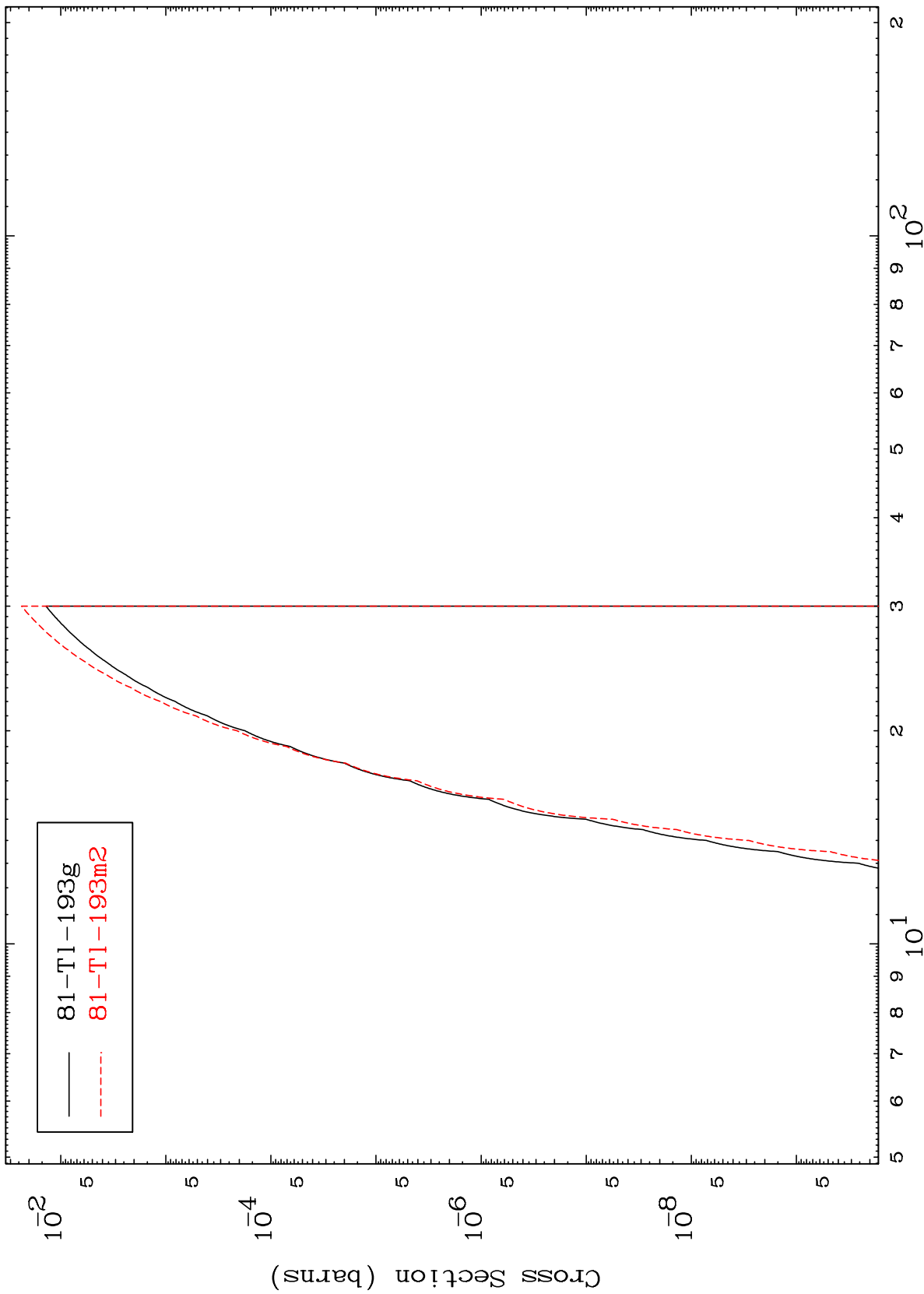
83-Bi-195

MAT 8283

(n,2n) p

83-Bi-195

Radionuclide Production Cross Section



Incident Energy (MeV)

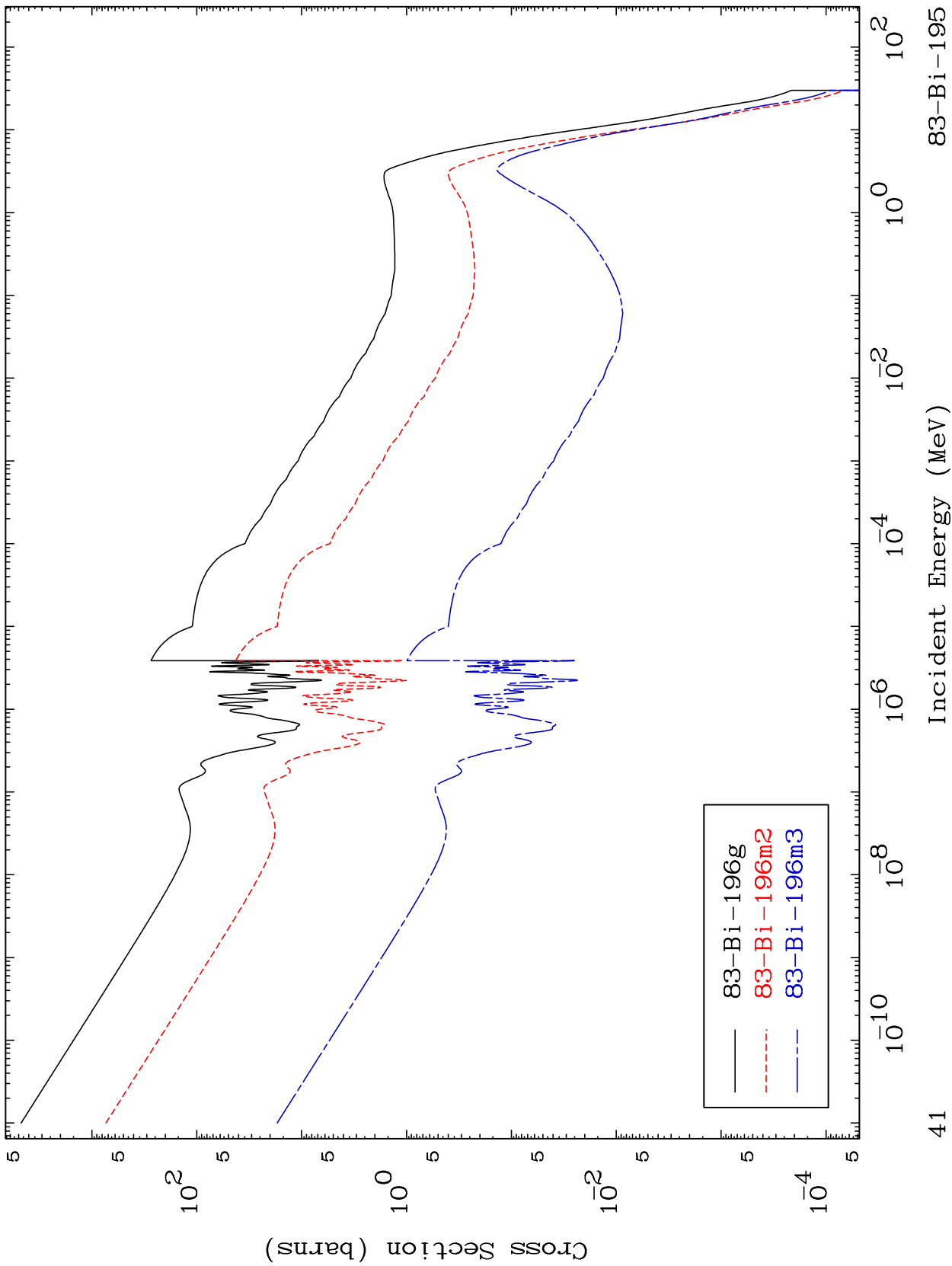
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40

MAT 8283

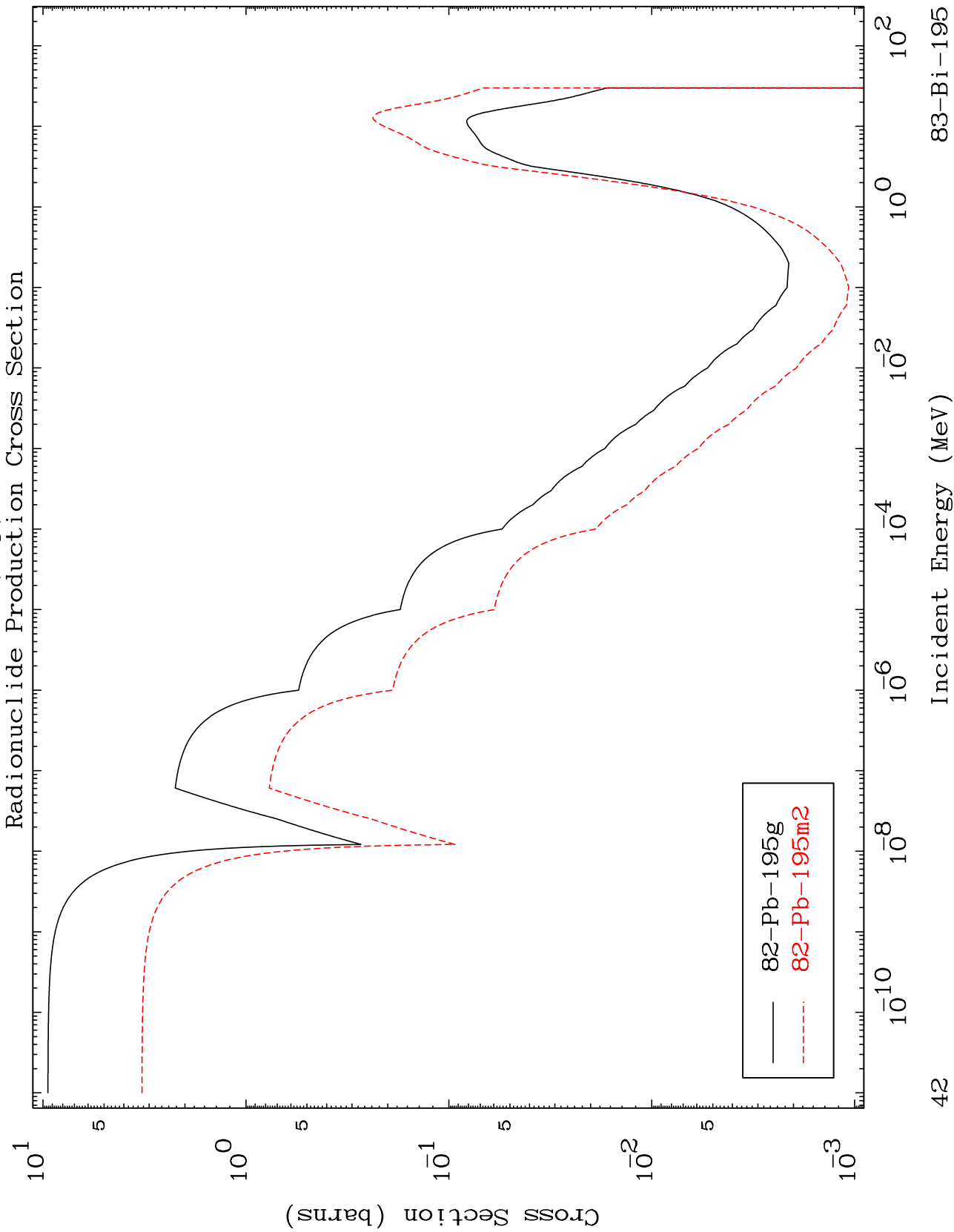
83-Bi-195

$(n, \gamma)$   
Radionuclide Production Cross Section



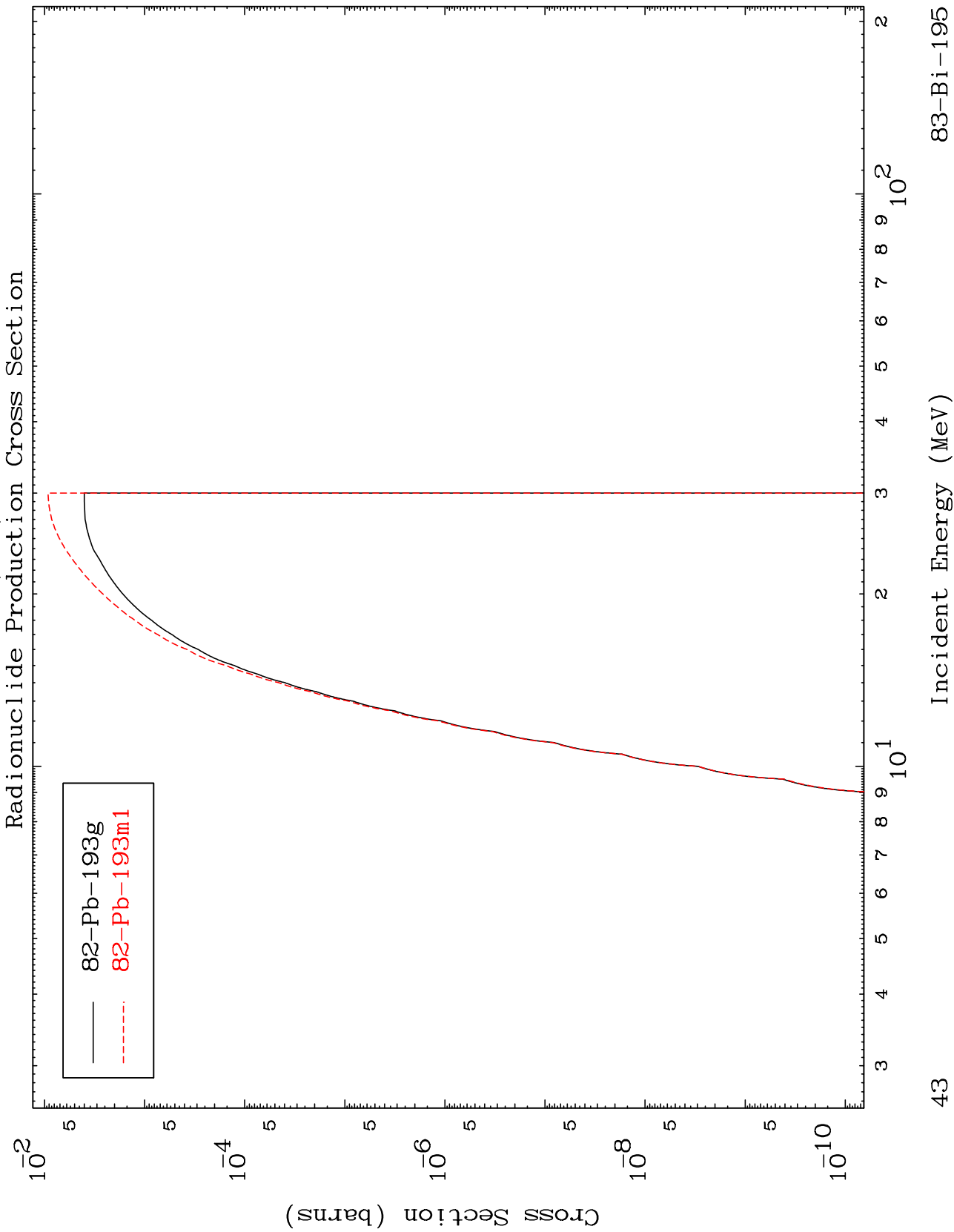
MAT 8283

83-Bi-195



MAT 8283

83-Bi-195



43

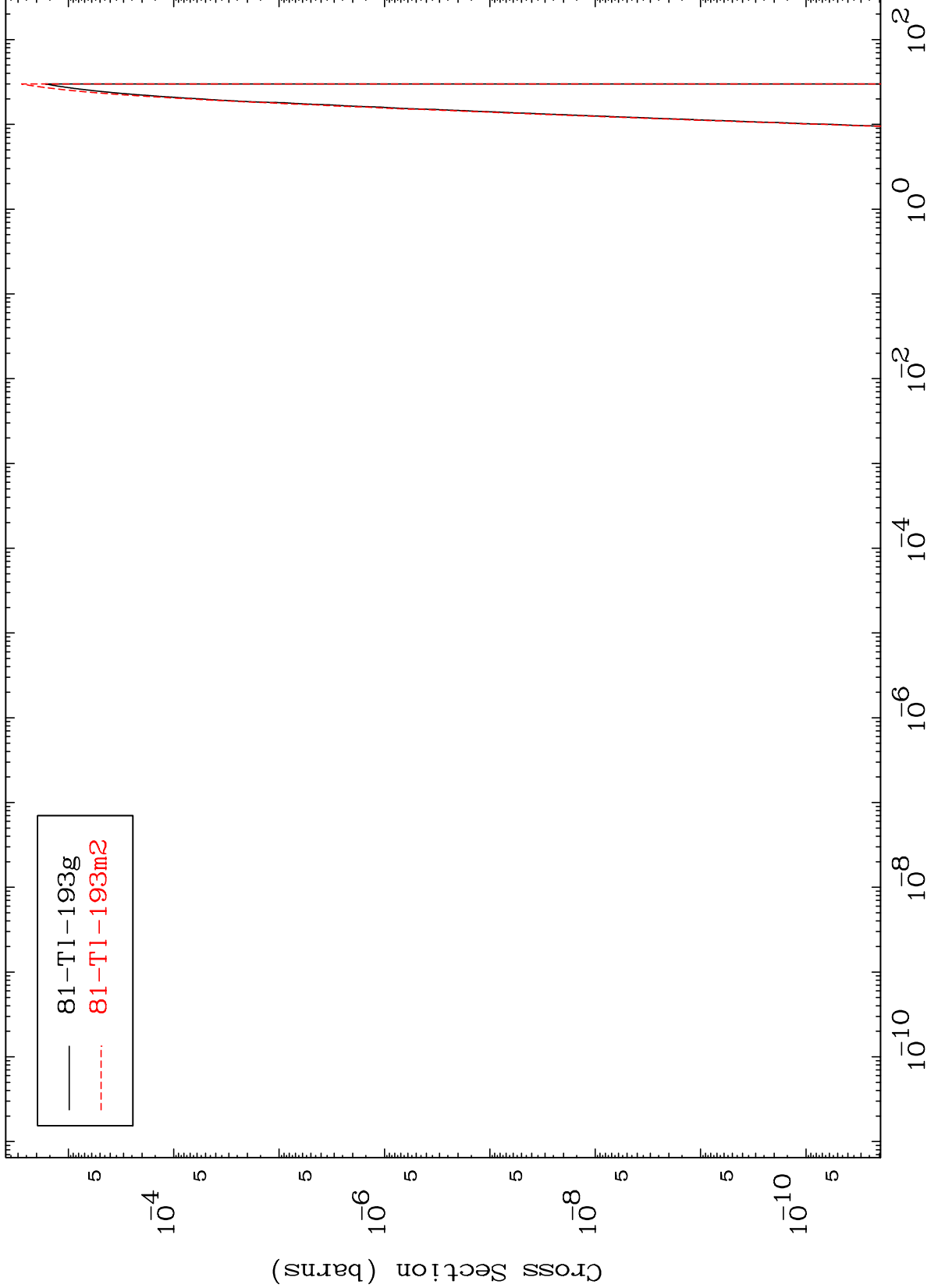
83-Bi-195

MAT 8283

(n,He-3)

83-Bi-195

Radionuclide Production Cross Section

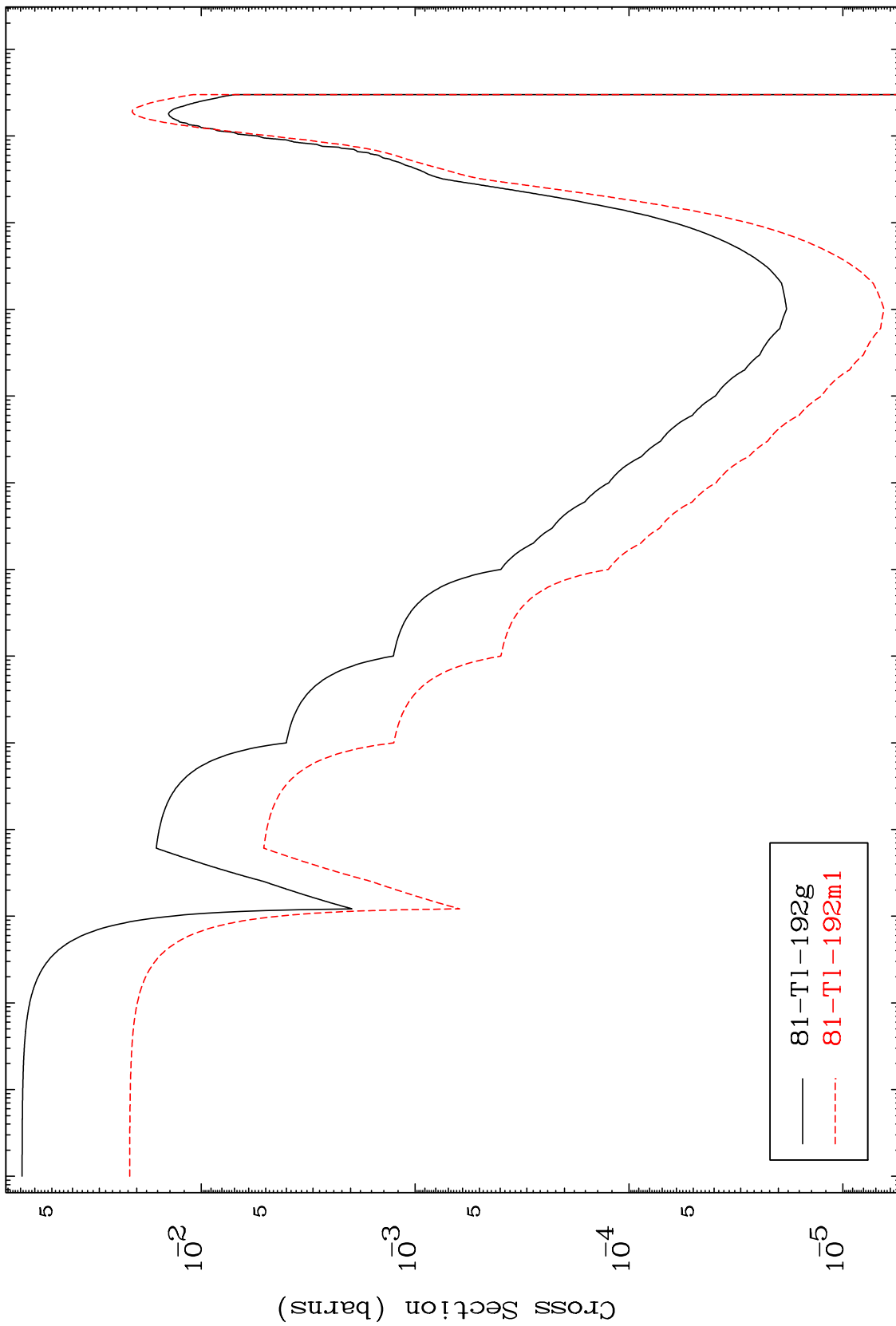


MAT 8283

83-Bi-195

Radionuclide Production Cross Section

(n,  $\alpha$ )



45

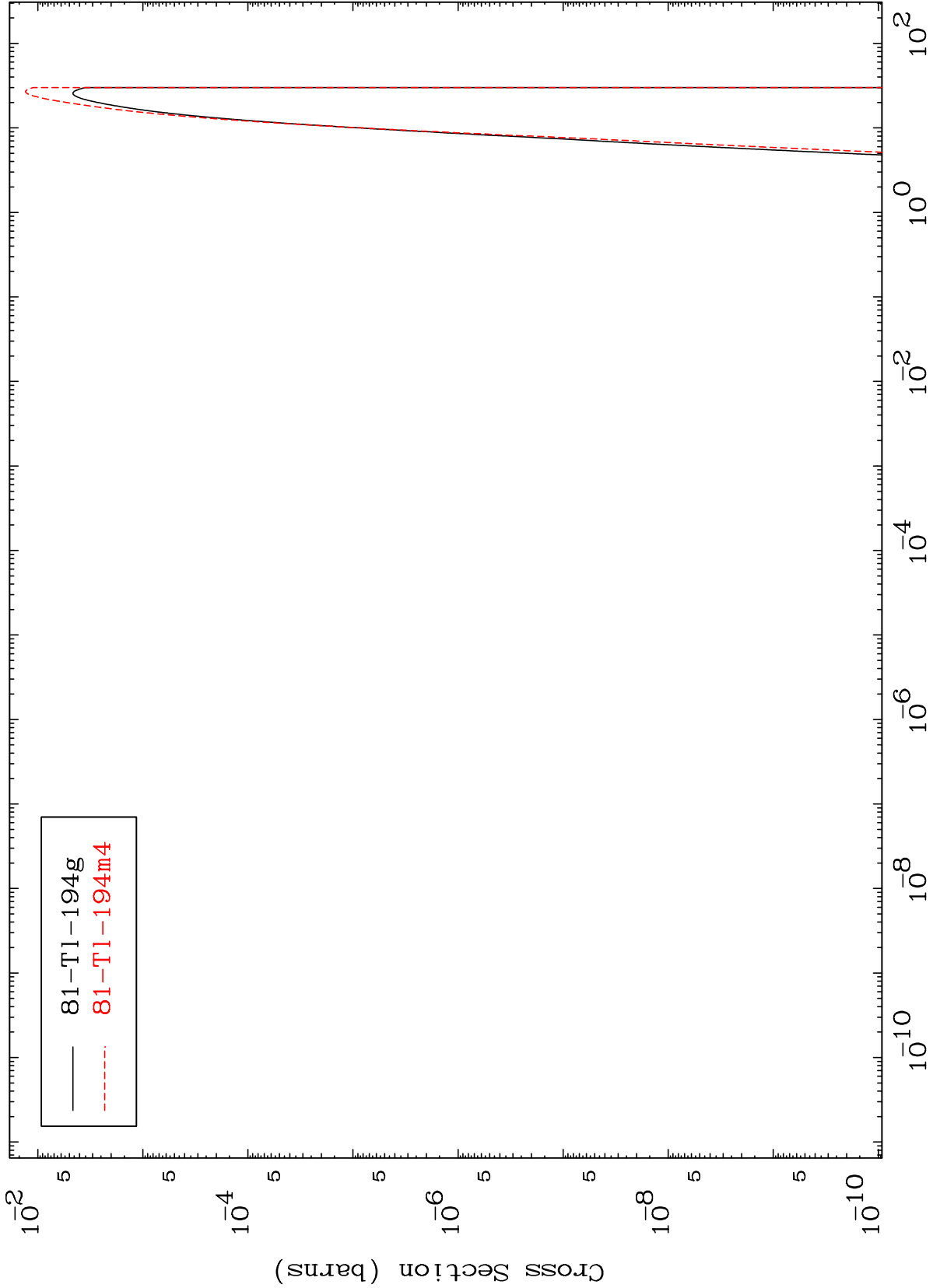
83-Bi-195

MAT 8283

(n,2p)

83-Bi-195

Radionuclide Production Cross Section

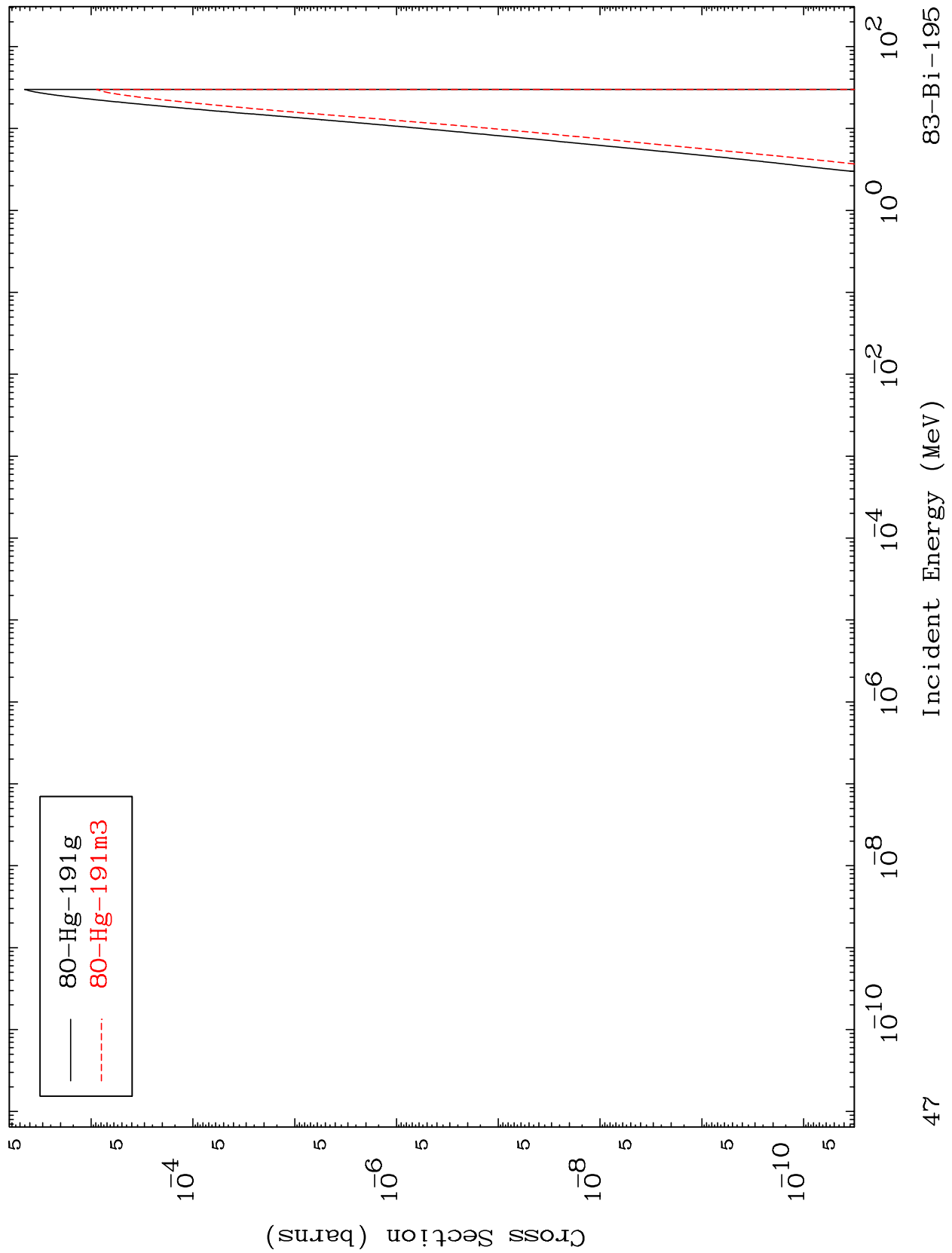


MAT 8283

(n,p)  $\alpha$

83-Bi-195

Radionuclide Production Cross Section

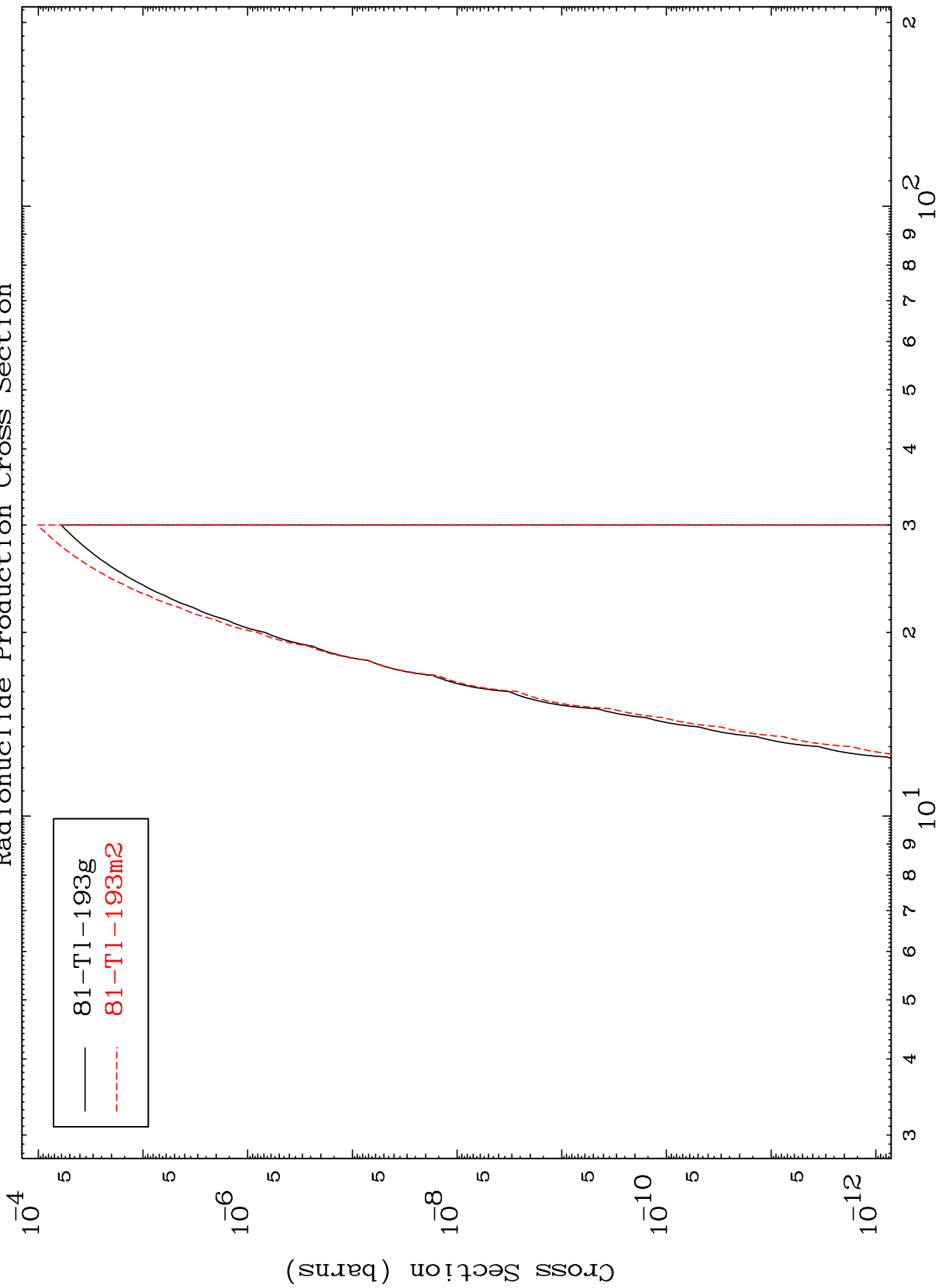


MAT 8283

(n,p) d

83-Bi-195

Radionuclide Production Cross Section



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

Incident Energy (MeV)

83-Bi-195

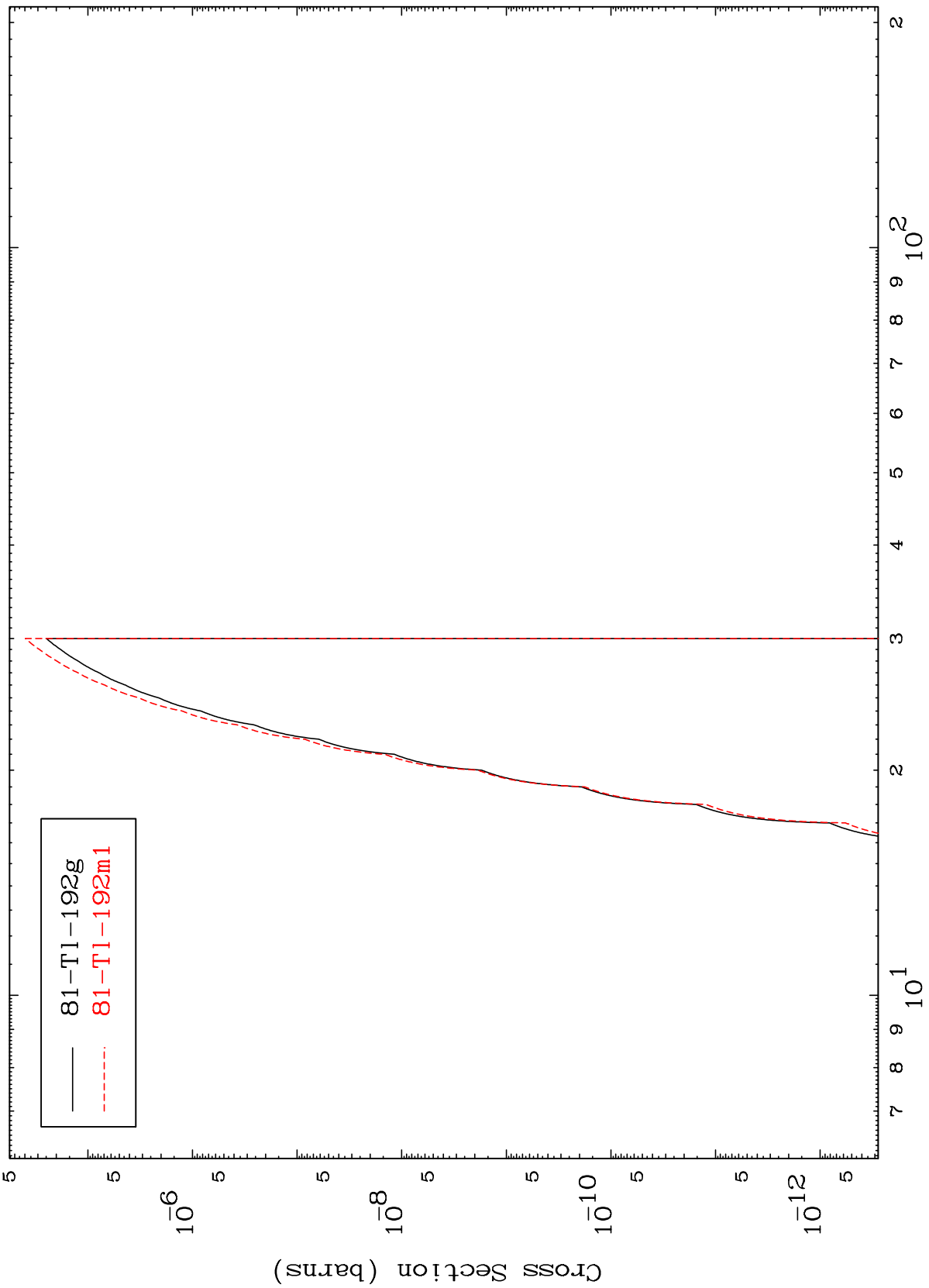
48

MAT 8283

(n,p) t

83-Bi-195

Radionuclide Production Cross Section



49

Incident Energy (MeV)

83-Bi-195