

Program EVALPLOT  
(Version 2018-1)

by

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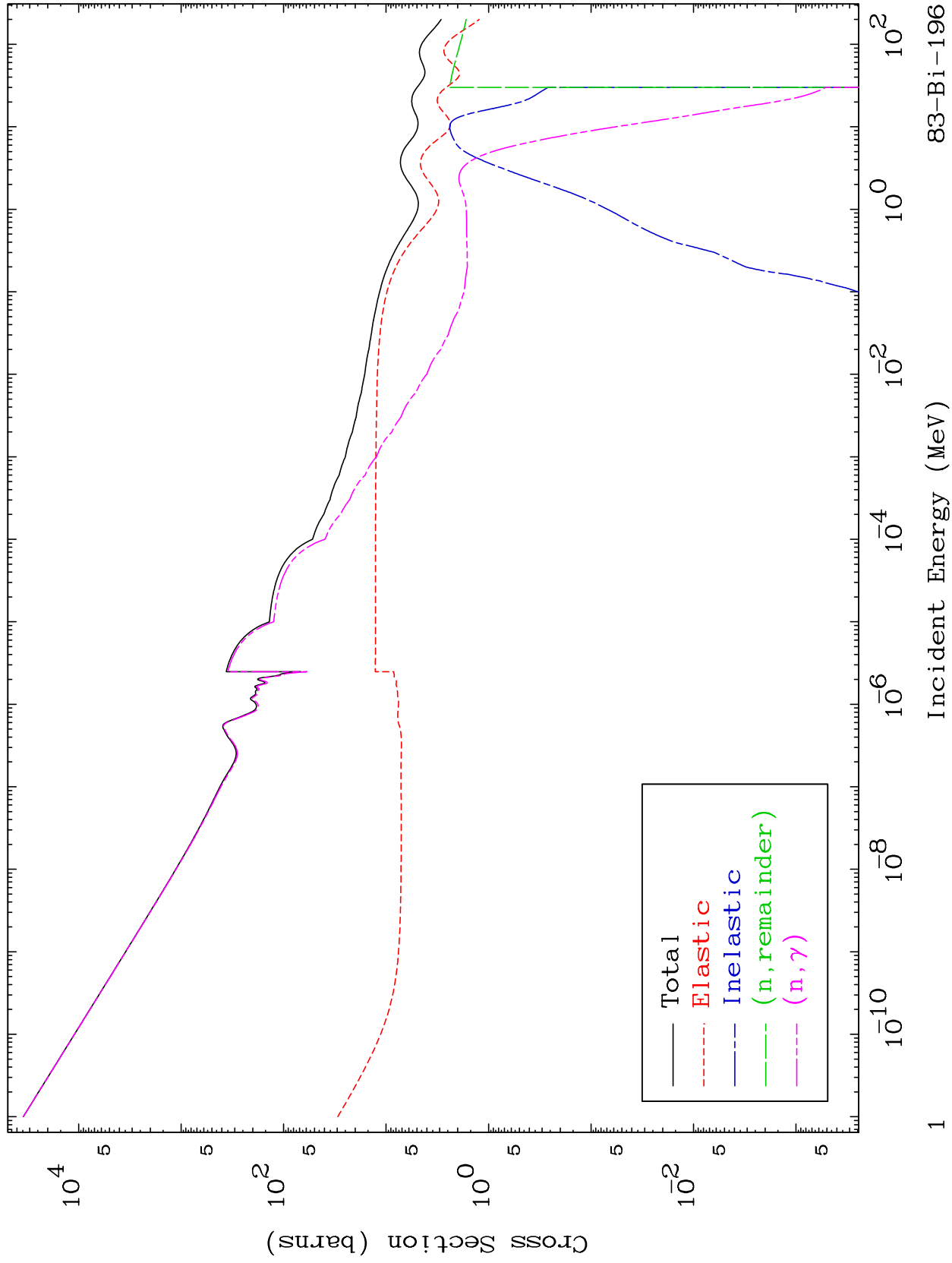
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8287

Major  
293 Kelvin Cross Sections

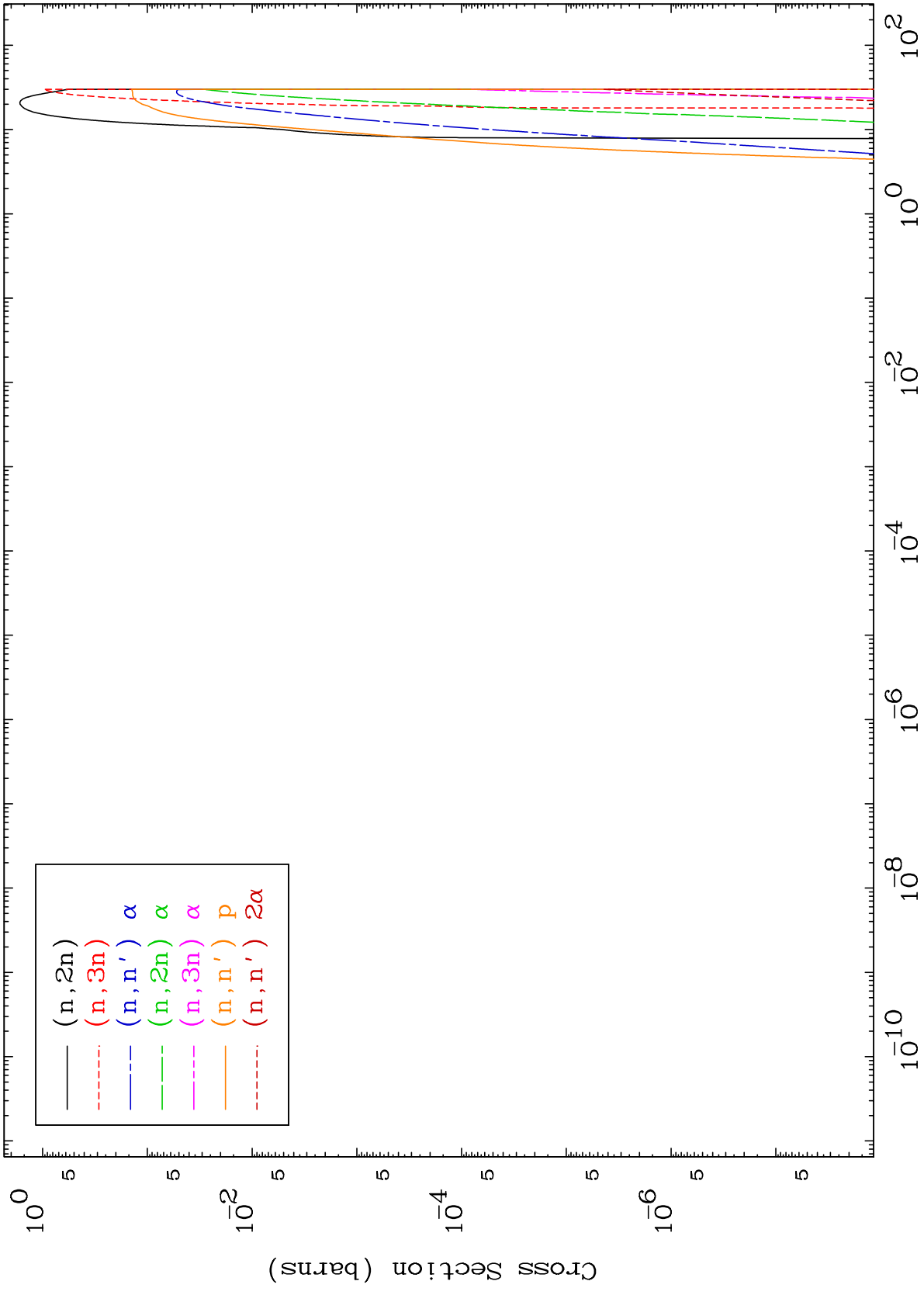
83-Bi-196



MAT 8287

Neutron Production  
293 Kelvin Cross Sections

83-Bi-196

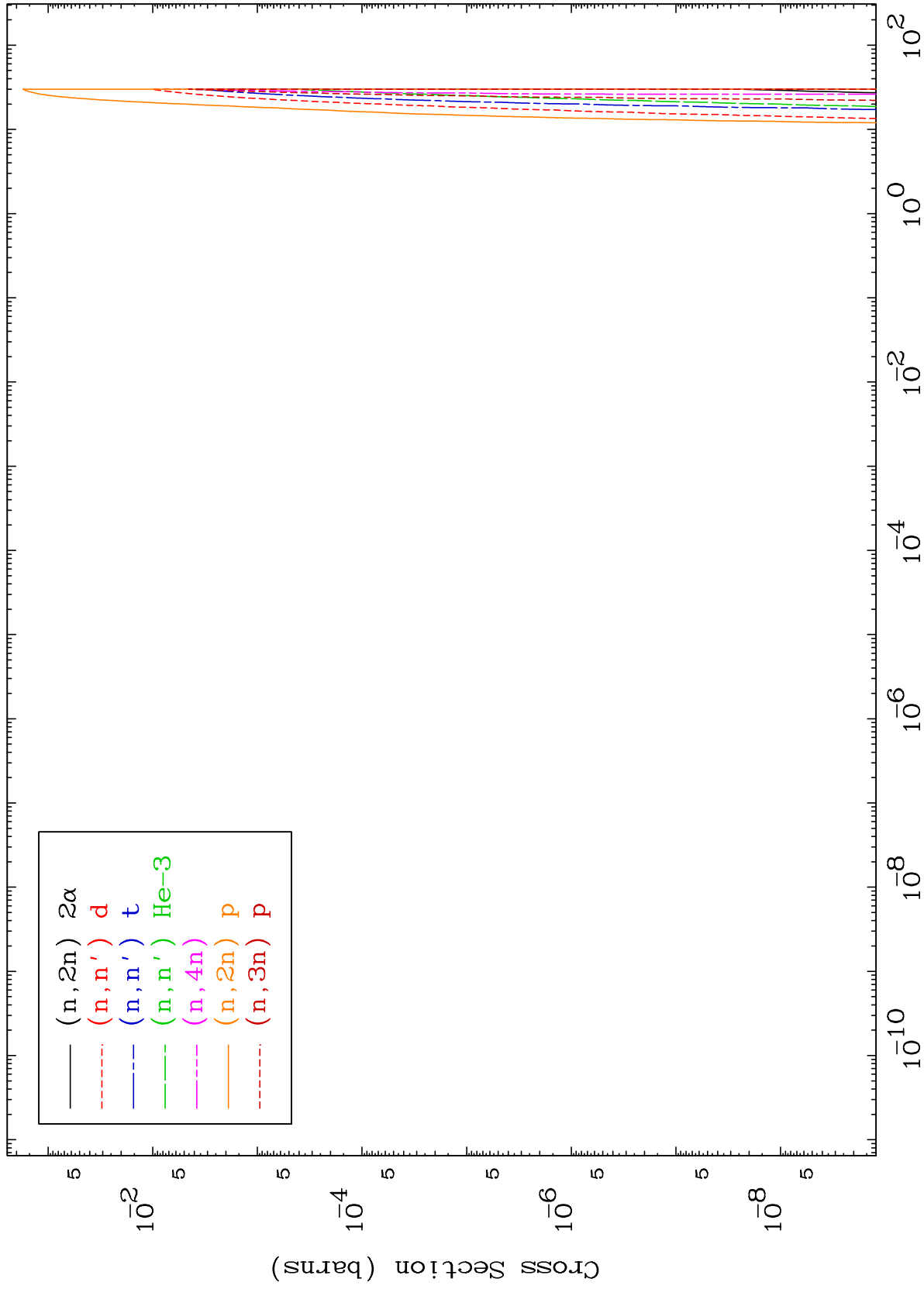


83-Bi-196

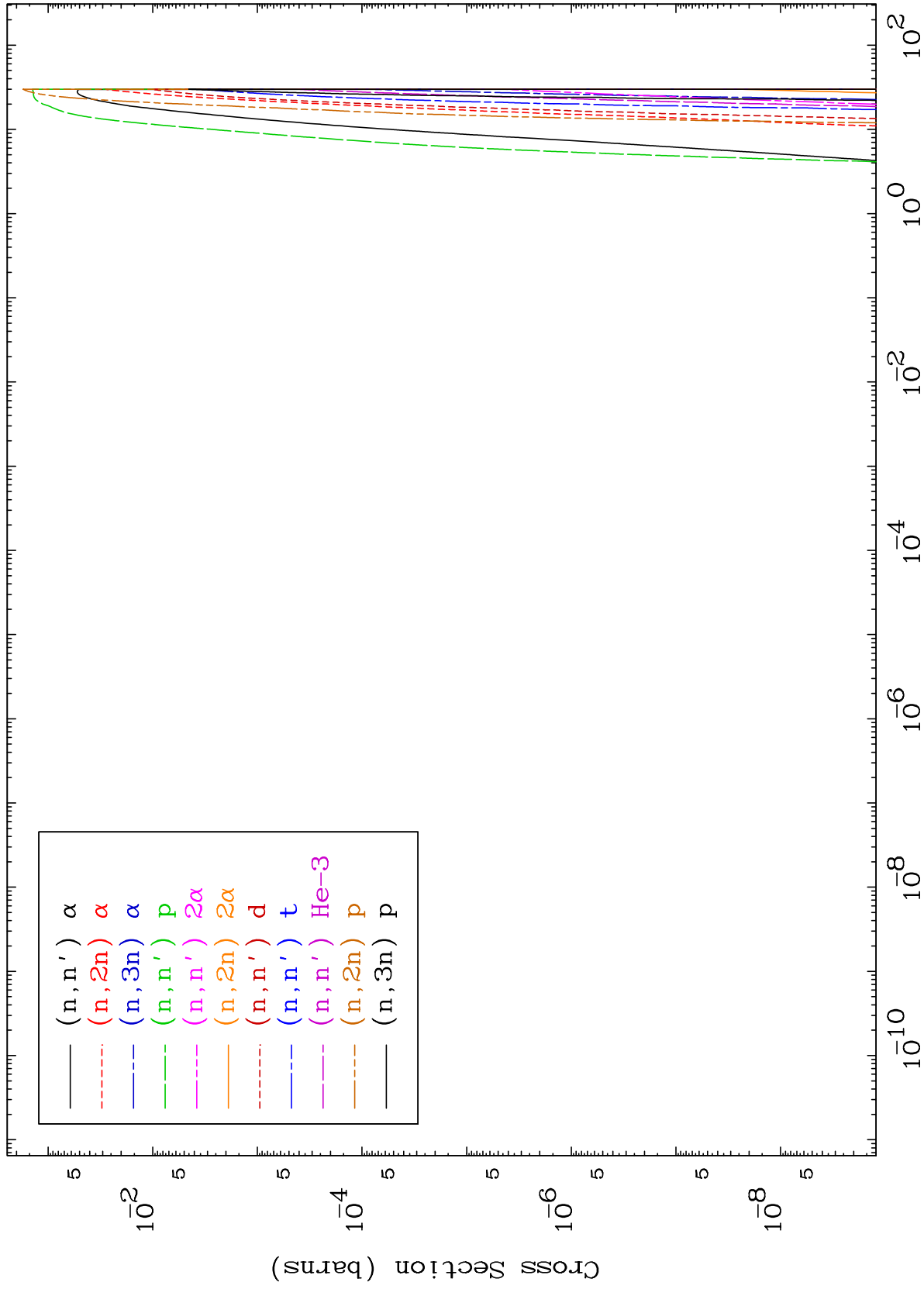
MAT 8287

Neutron Production  
293 Kelvin Cross Sections

83-Bi-196



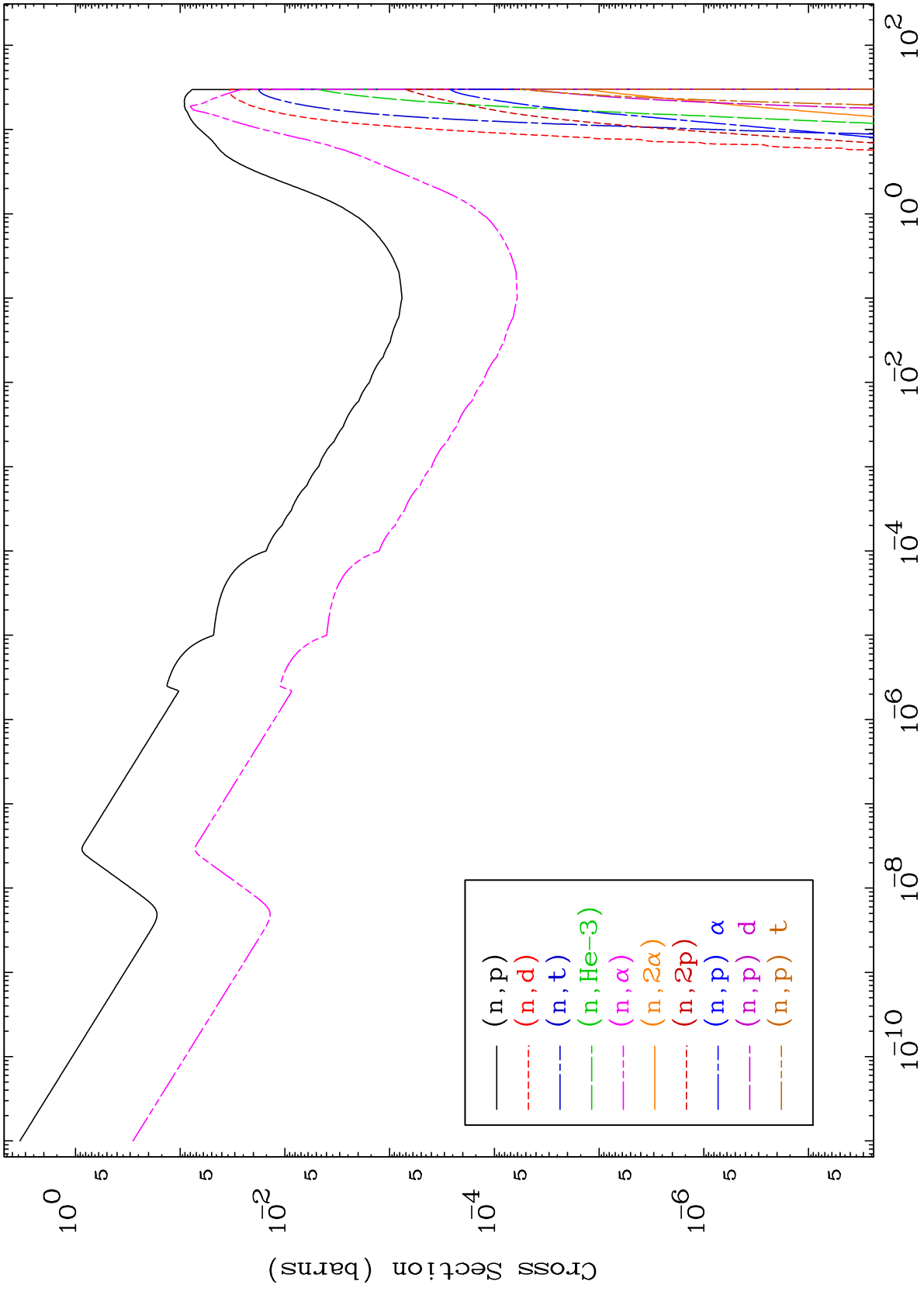
83-Bi-196



MAT 8287

293 Kelvin Cross Sections

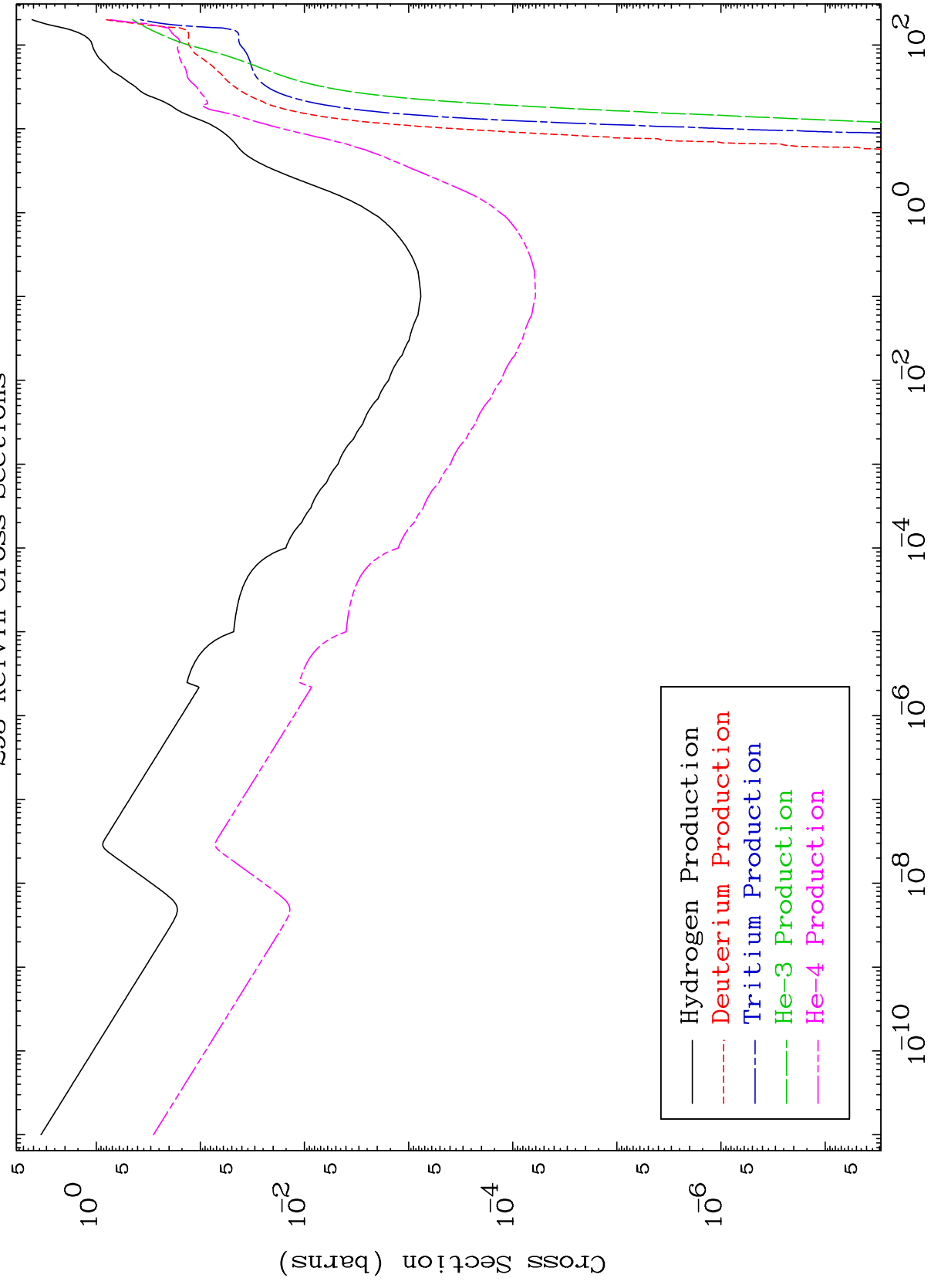
83-Bi-196



MAT 8287

Particle Production  
293 Kelvin Cross Sections

83-Bi-196



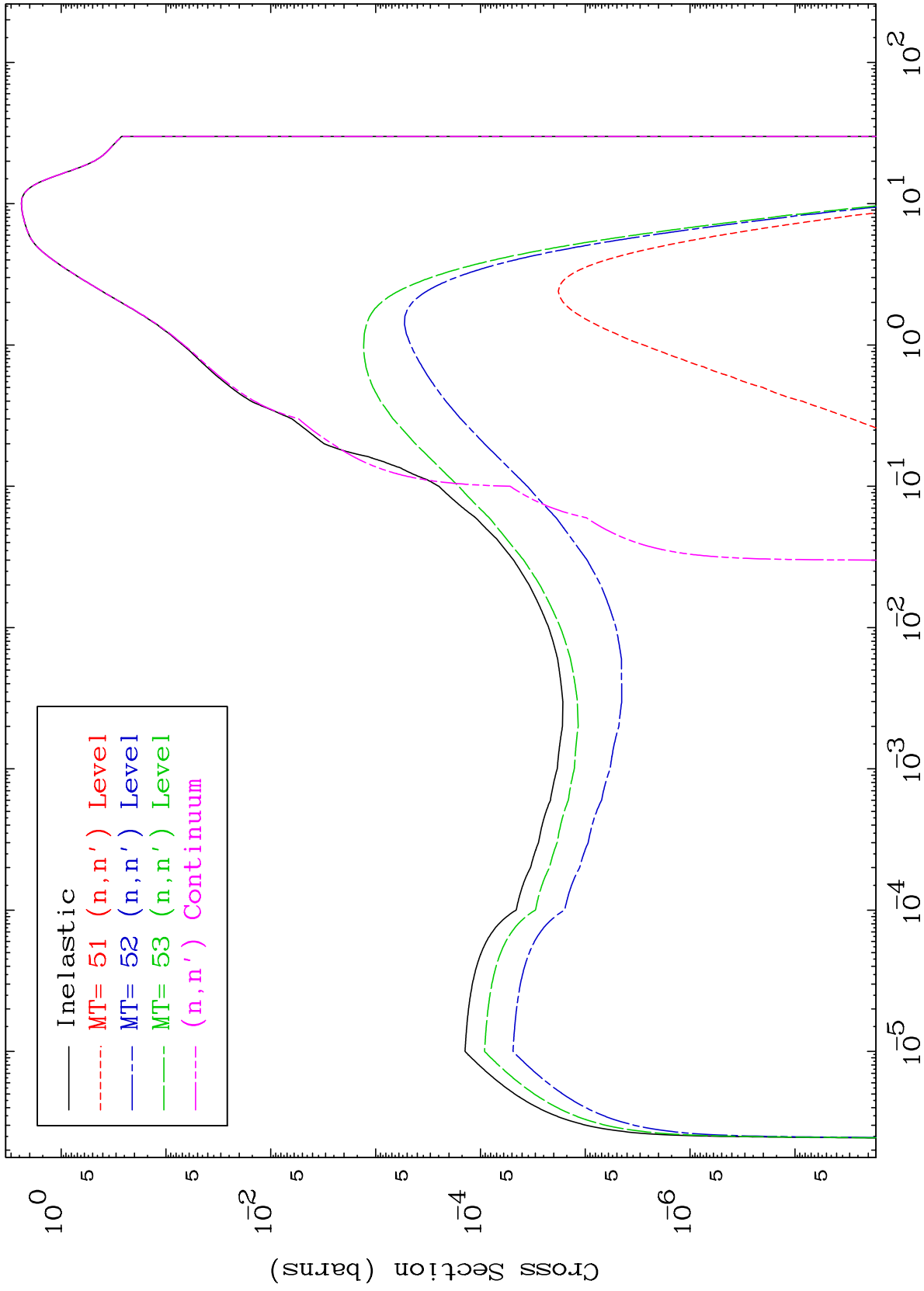
6

83-Bi-196

MAT 8287

(n,n') Level  
293 Kelvin Cross Sections

83-Bi-196

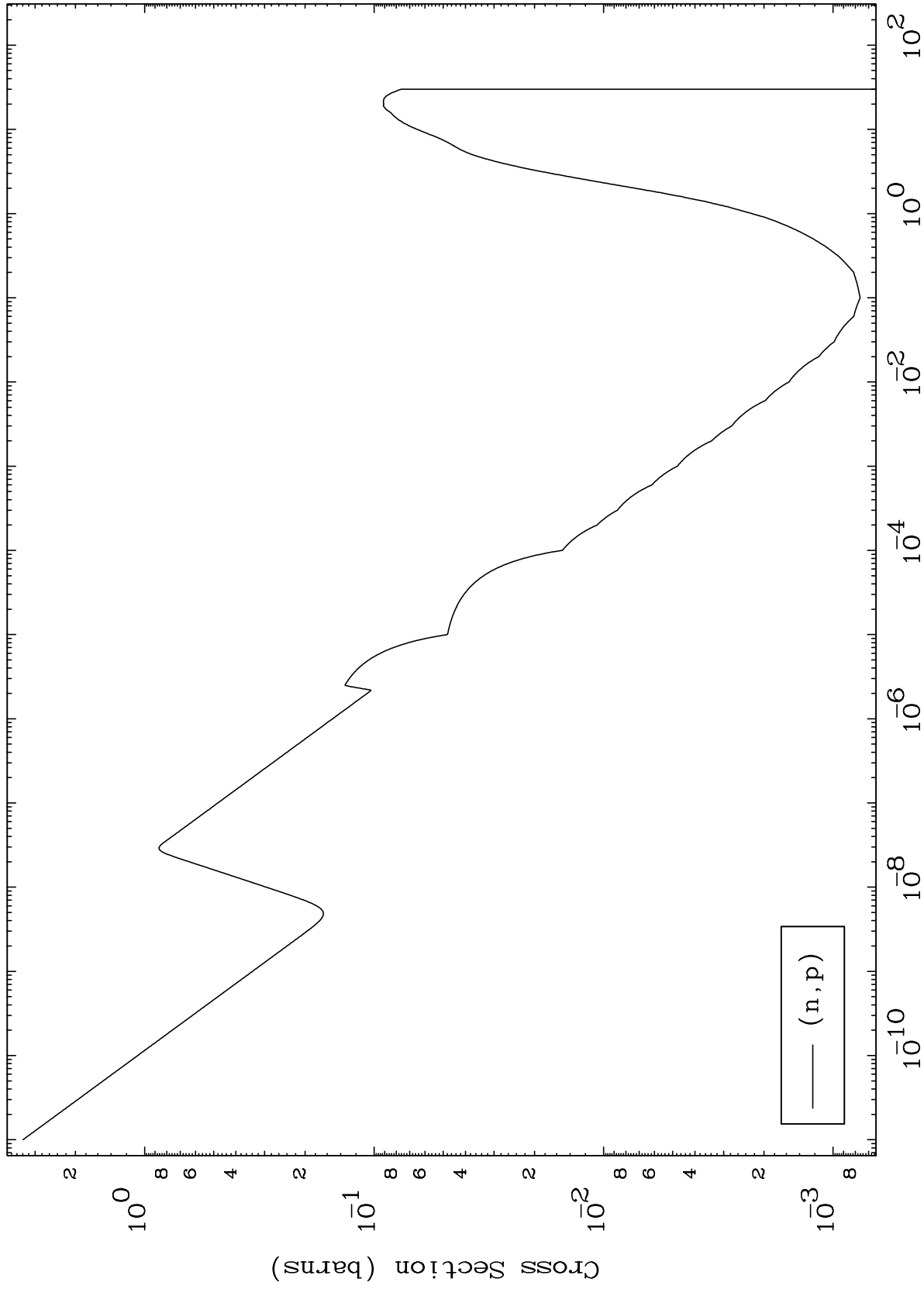




MAT 8287

(n,p) Levels  
293 Kelvin Cross Sections

83-Bi-196



8

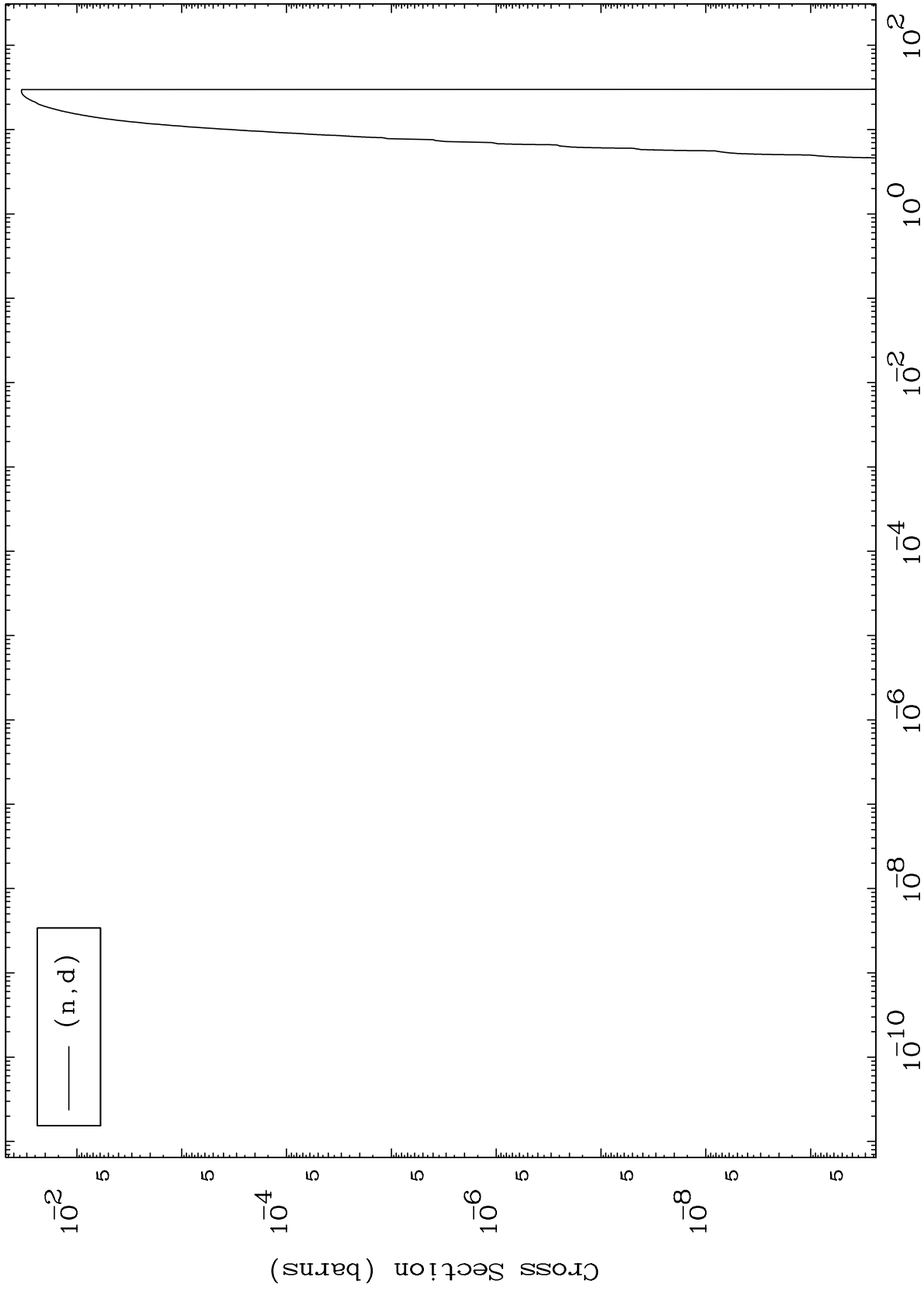
Incident Energy (MeV)

83-Bi-196

MAT 8287

(n,d) Levels  
293 Kelvin Cross Sections

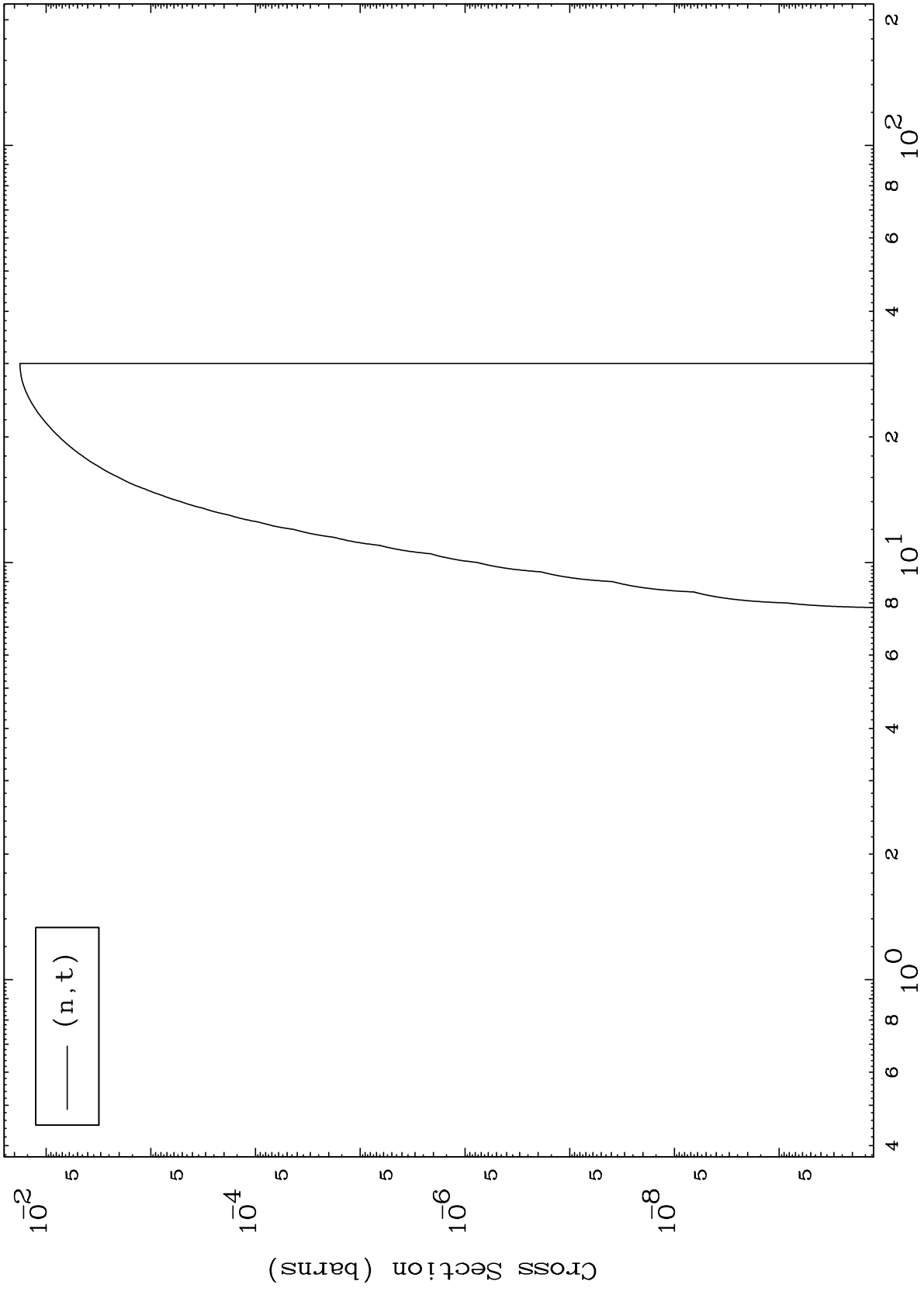
83-Bi-196



MAT 8287

(n,t) Levels  
293 Kelvin Cross Sections

83-Bi-196



(n,t)

10

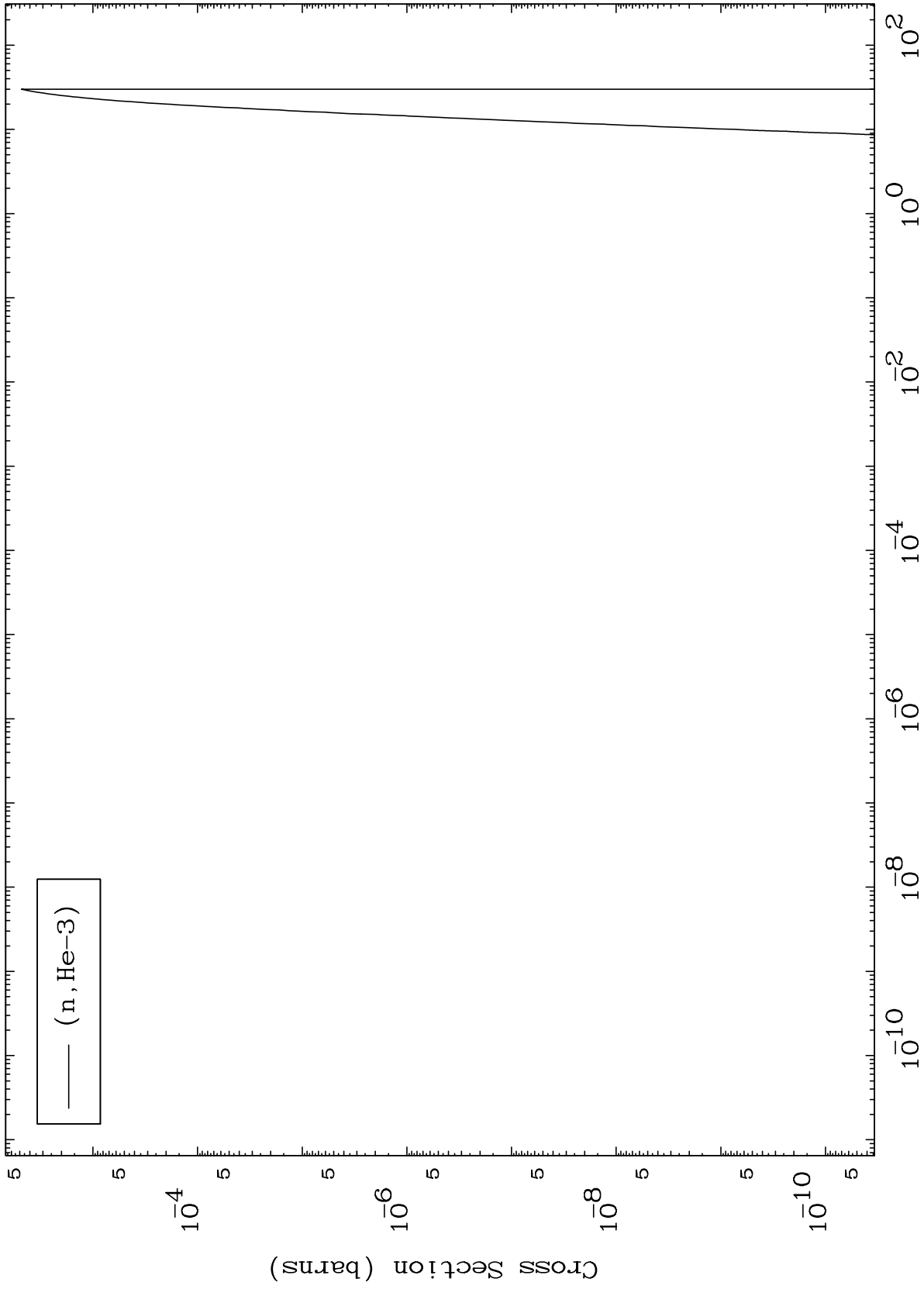
Incident Energy (MeV)

83-Bi-196

MAT 8287

(n,He3) Levels  
293 Kelvin Cross Sections

83-Bi-196



11

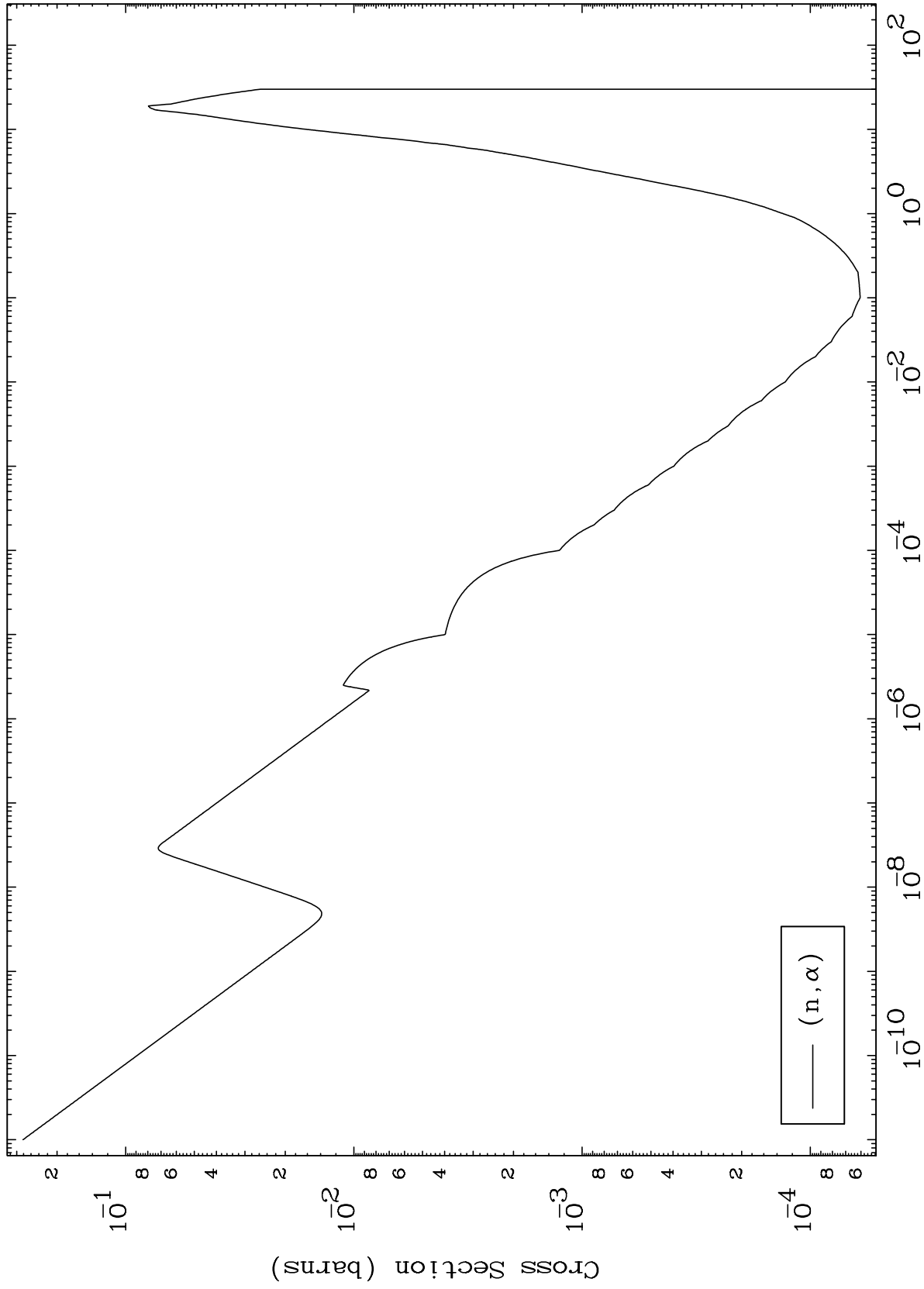
Incident Energy (MeV)

83-Bi-196

MAT 8287

(n,α) Levels  
293 Kelvin Cross Sections

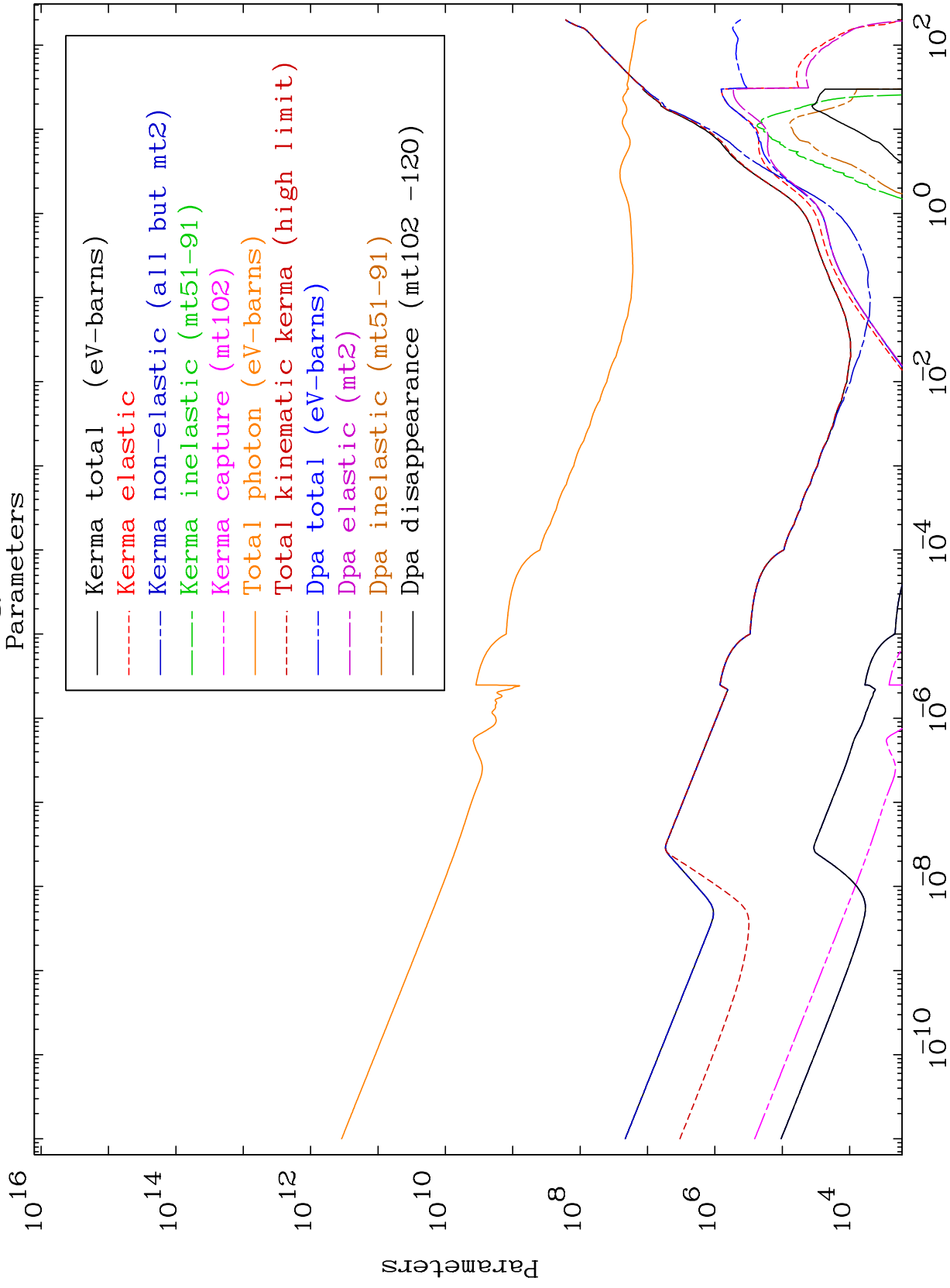
83-Bi-196



12

Incident Energy (MeV)

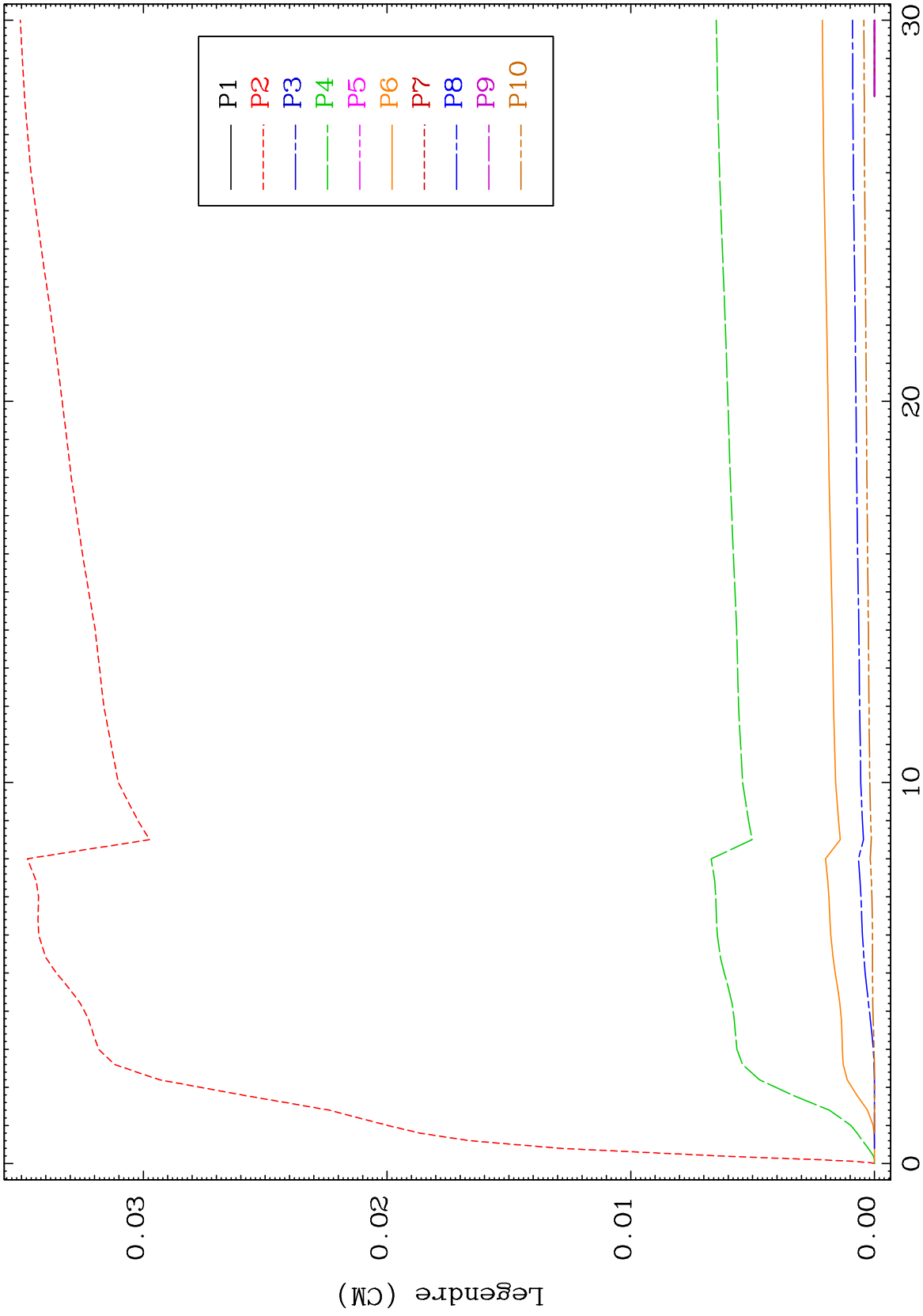
83-Bi-196



MAT 8287

Elastic Legendre Coefficients

83-Bi-196



14

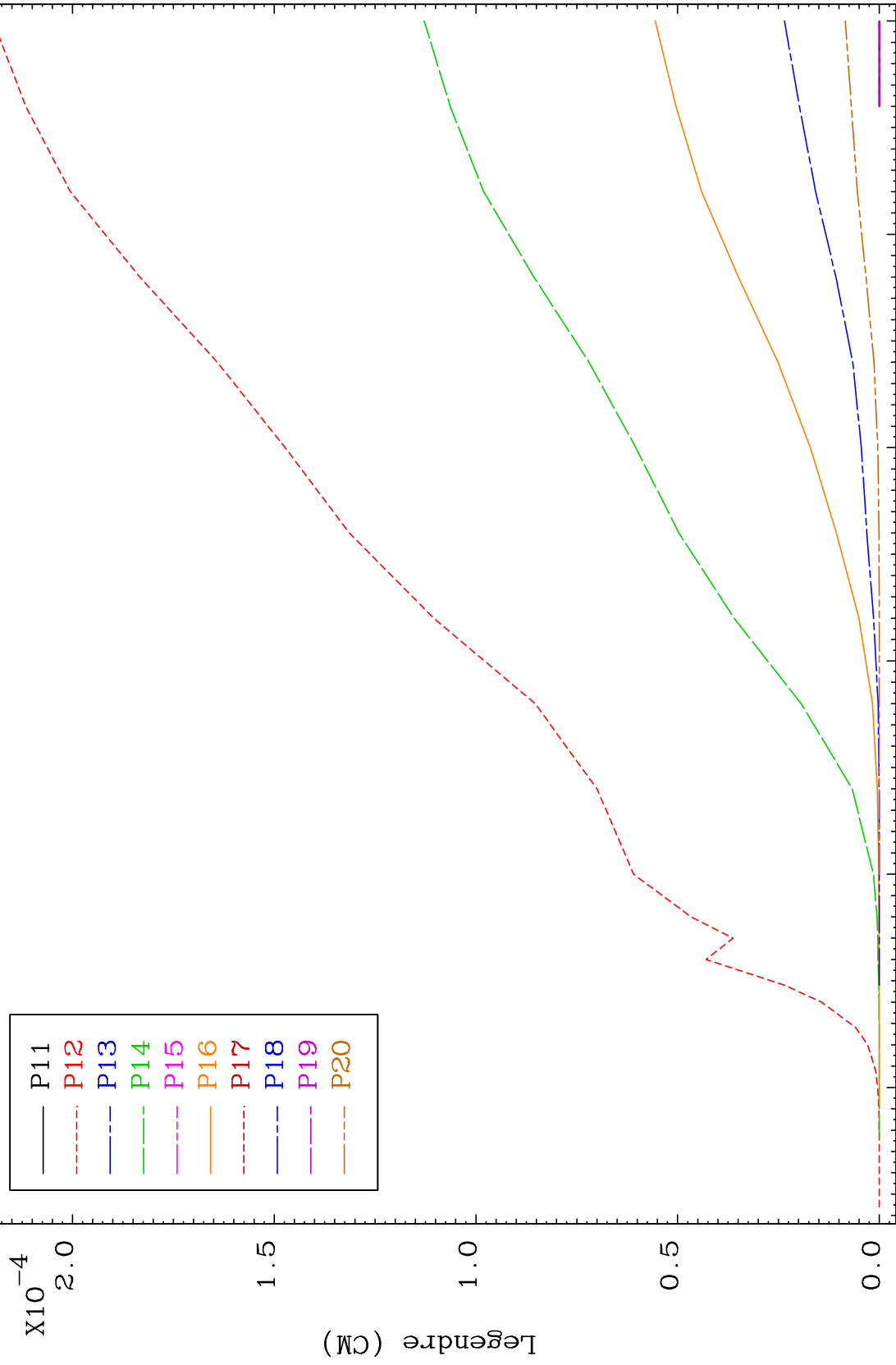
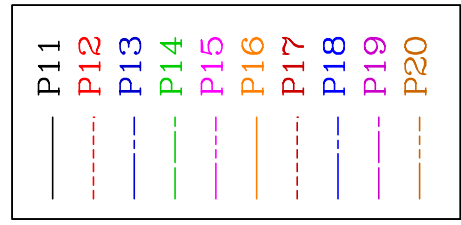
Incident Energy (MeV)

83-Bi-196

MAT 8287

Elastic Legendre Coefficients

83-Bi-196



15

Incident Energy (MeV)

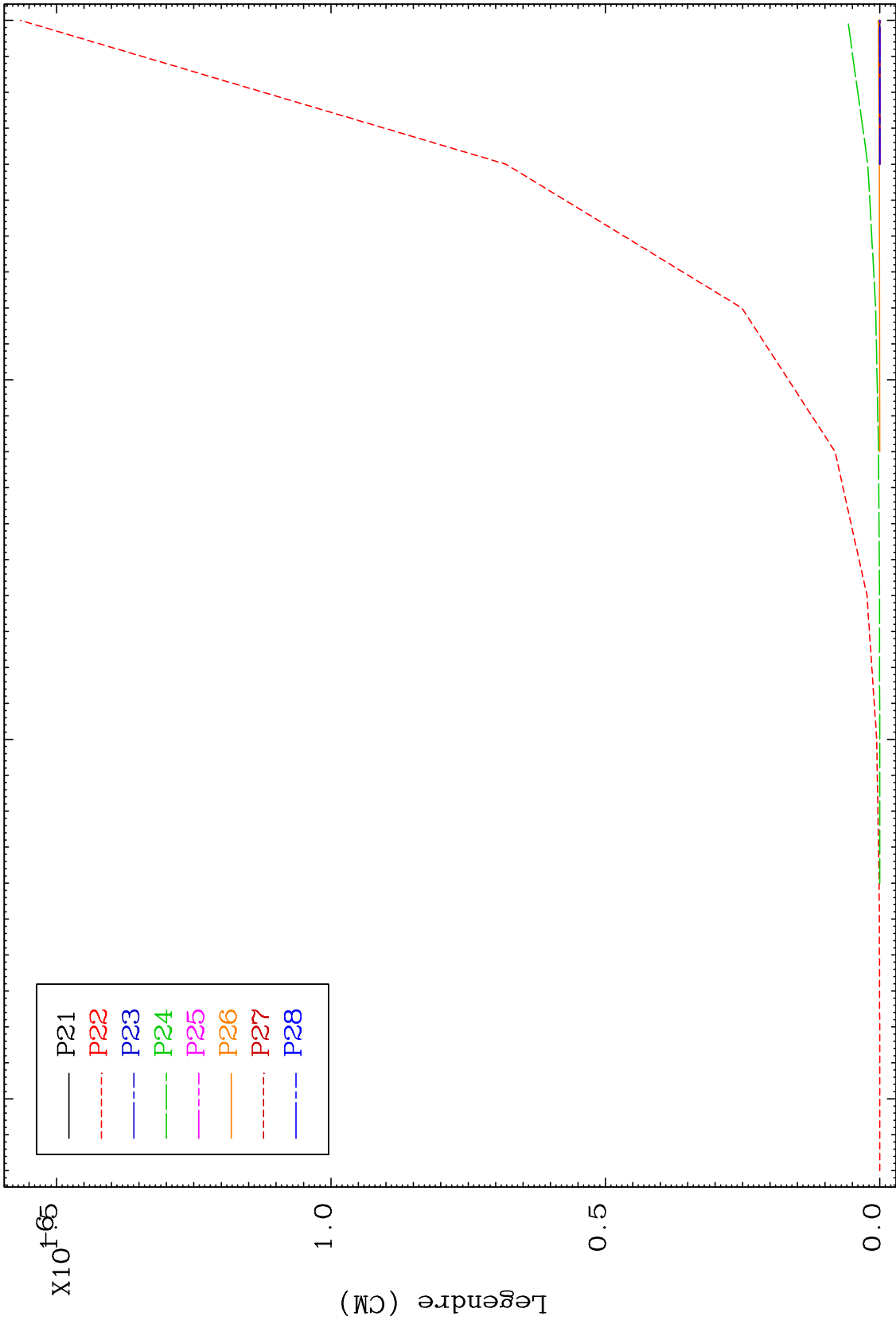
83-Bi-196



MAT 8287

Elastic Legendre Coefficients

83-Bi-196



16

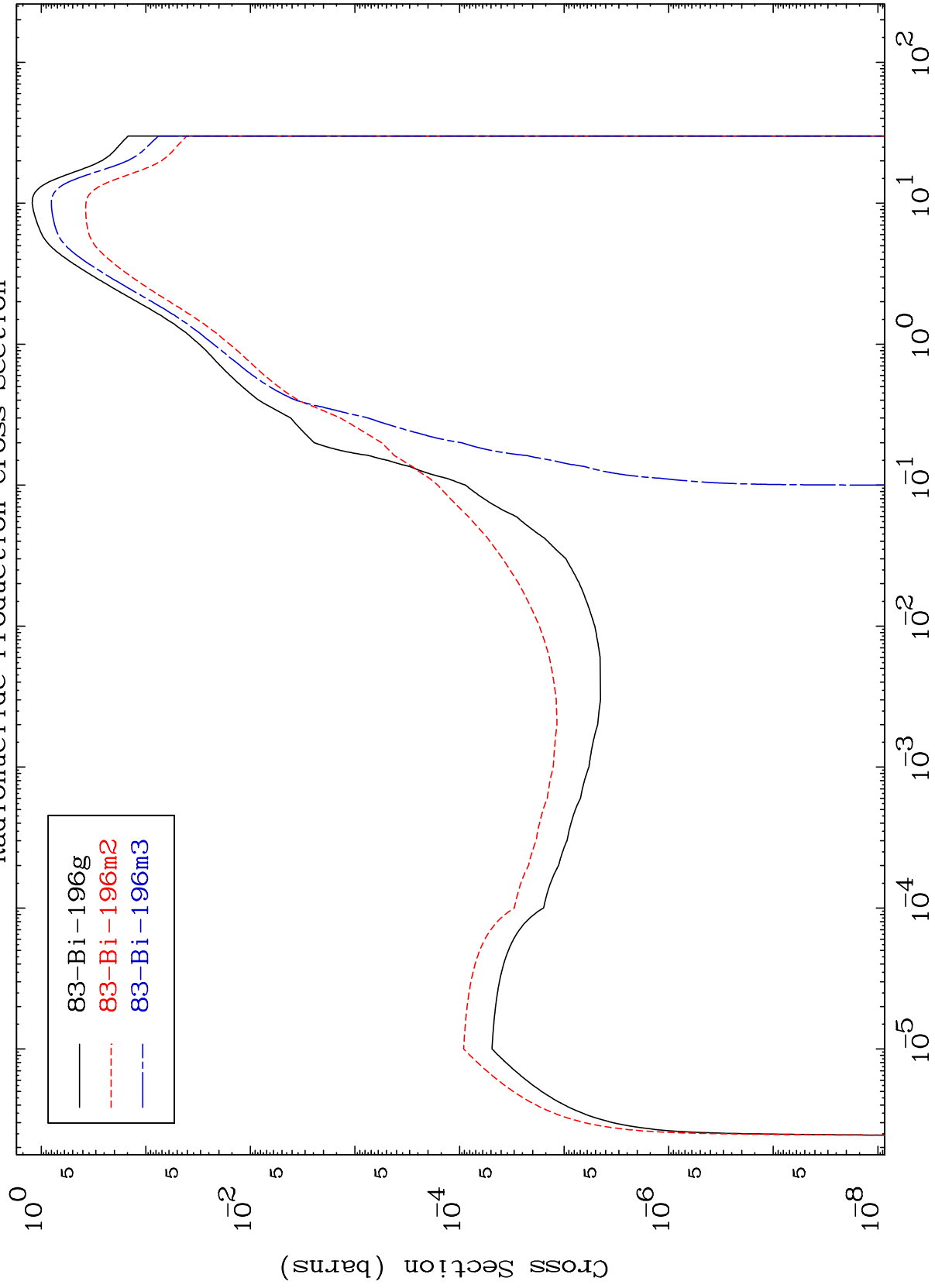
Incident Energy (MeV)

83-Bi-196

MAT 8287

# Inelastic Radionuclide Production Cross Section

83-Bi-196



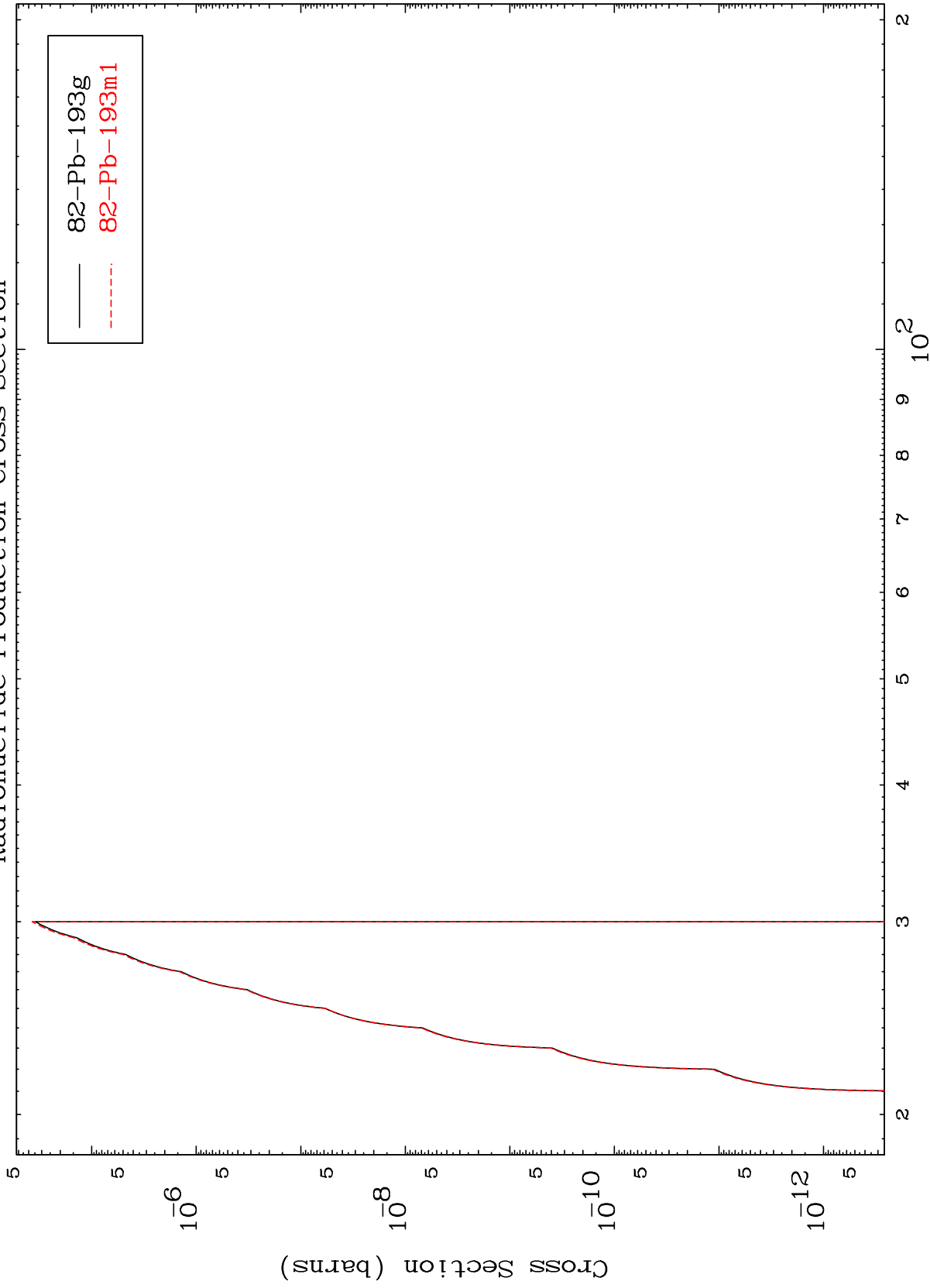
83-Bi-196

MAT 8287

(n,2n) d

83-Bi-196

Radionuclide Production Cross Section



18

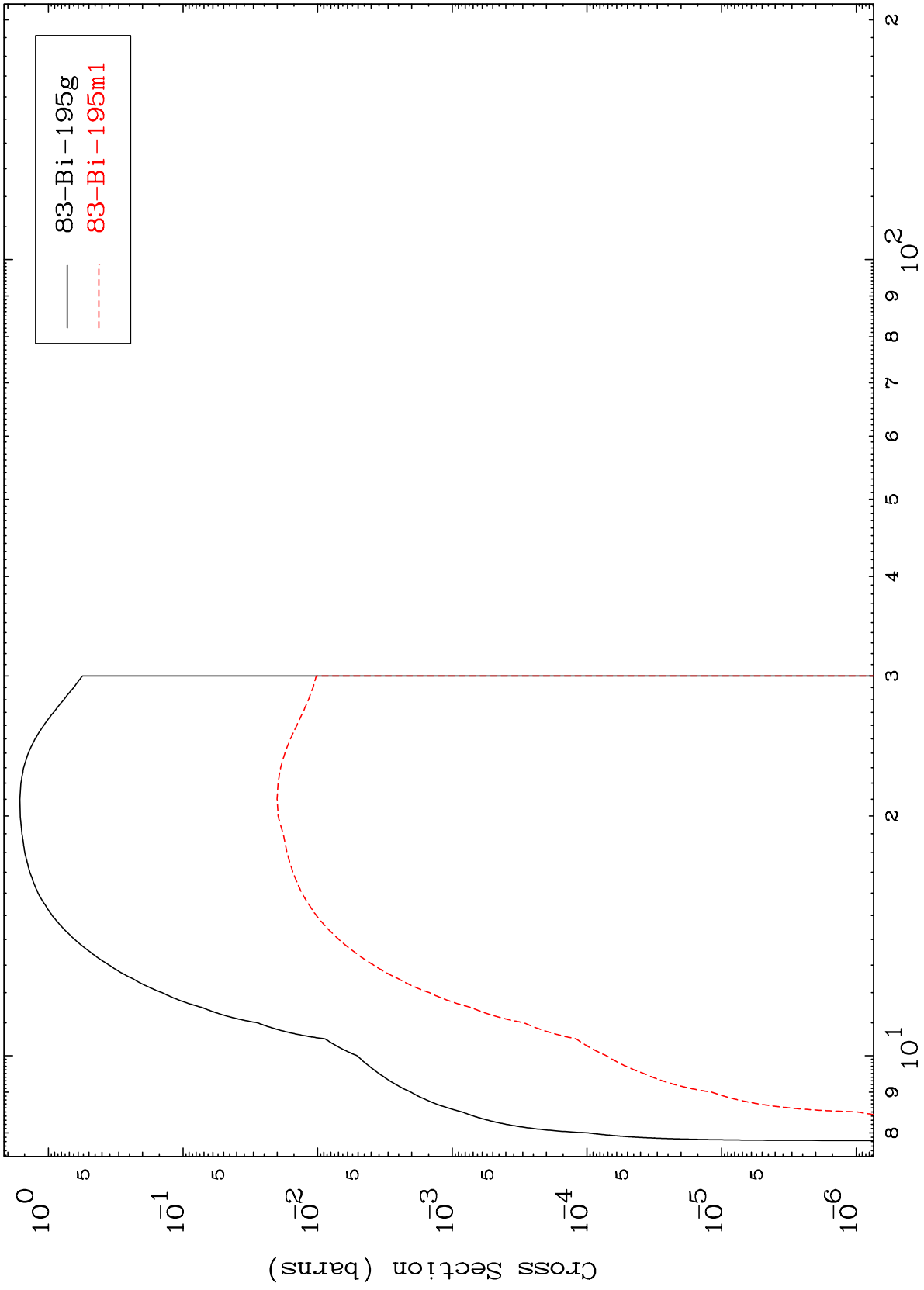
Incident Energy (MeV)

83-Bi-196

MAT 8287

83-Bi-196

(n,2n)  
Radionuclide Production Cross Section



19

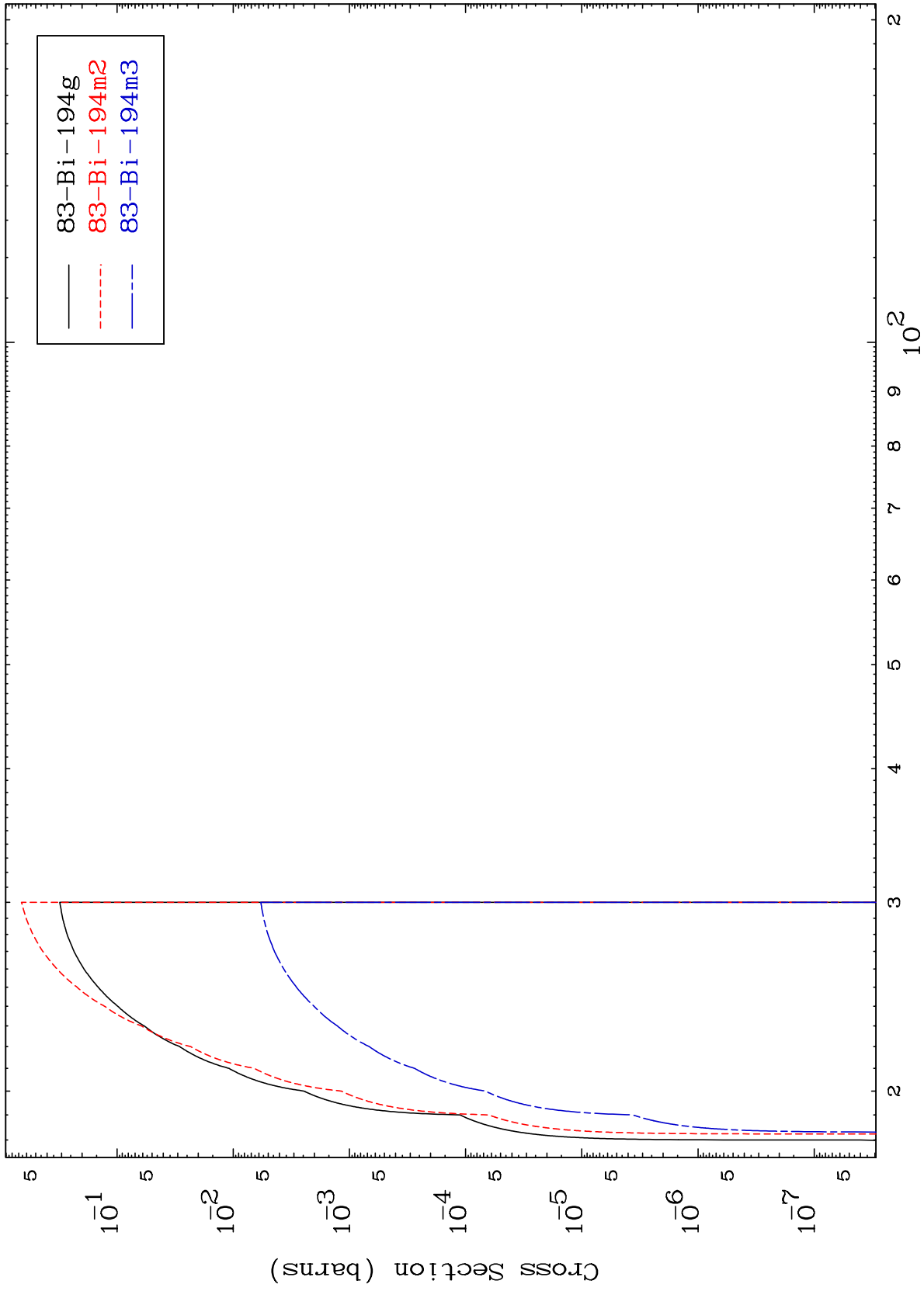
Incident Energy (MeV)

83-Bi-196

MAT 8287

83-Bi-196

(n,3n)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

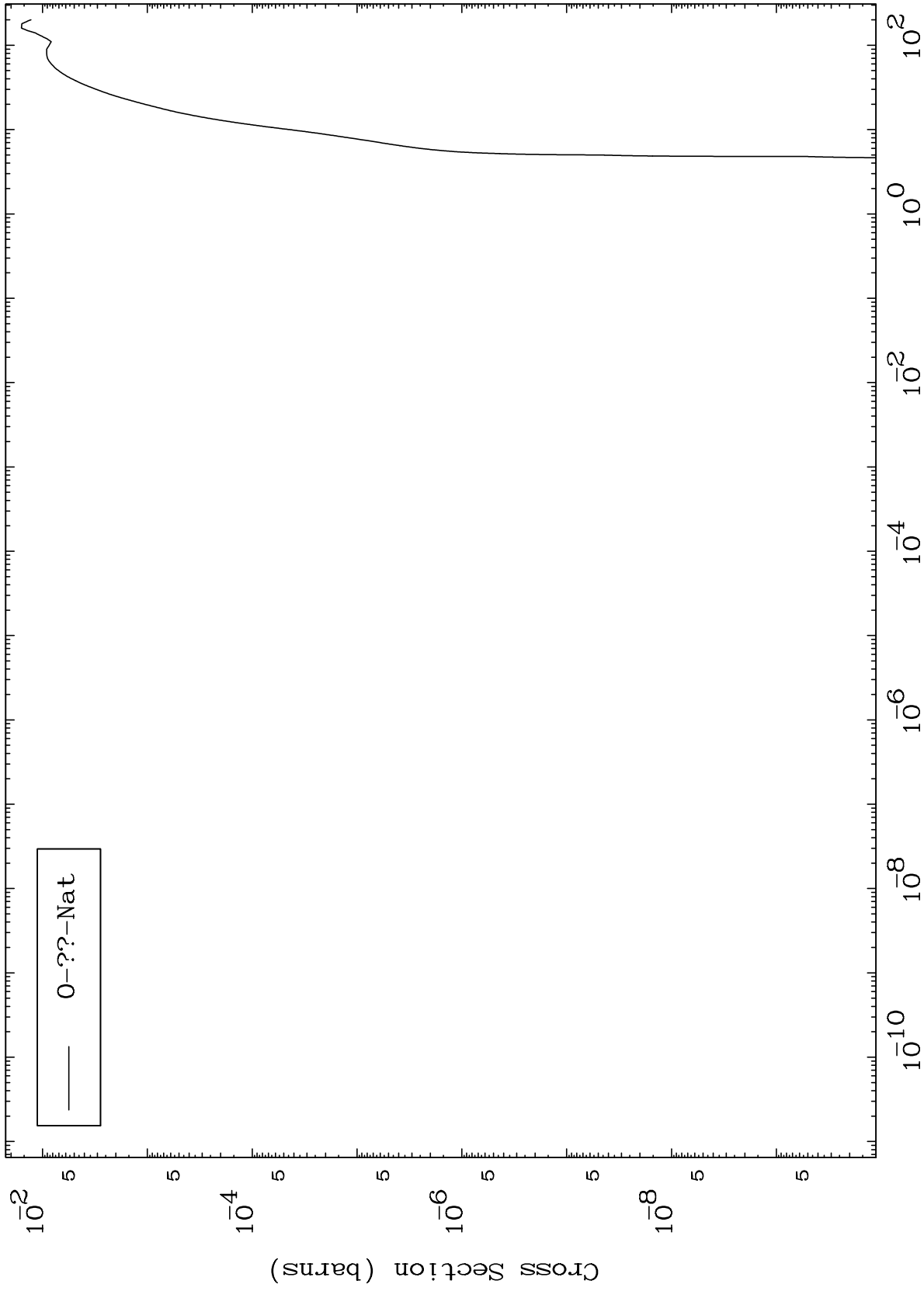
83-Bi-196

MAT 8287

Fission

83-Bi-196

Radionuclide Production Cross Section



21

Incident Energy (MeV)

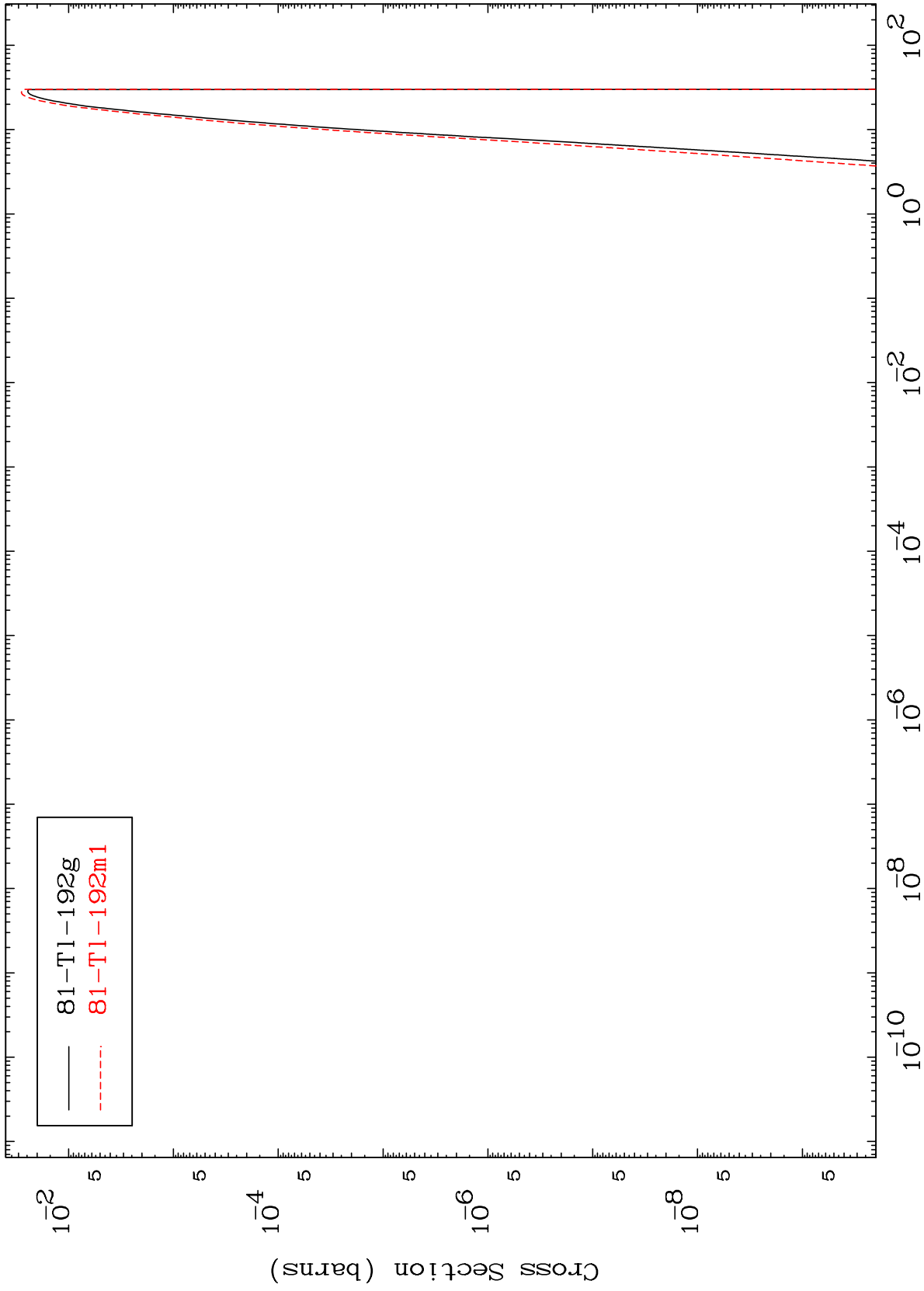
83-Bi-196

MAT 8287

(n,n')  $\alpha$

83-Bi-196

Radionuclide Production Cross Section



22

Incident Energy (MeV)

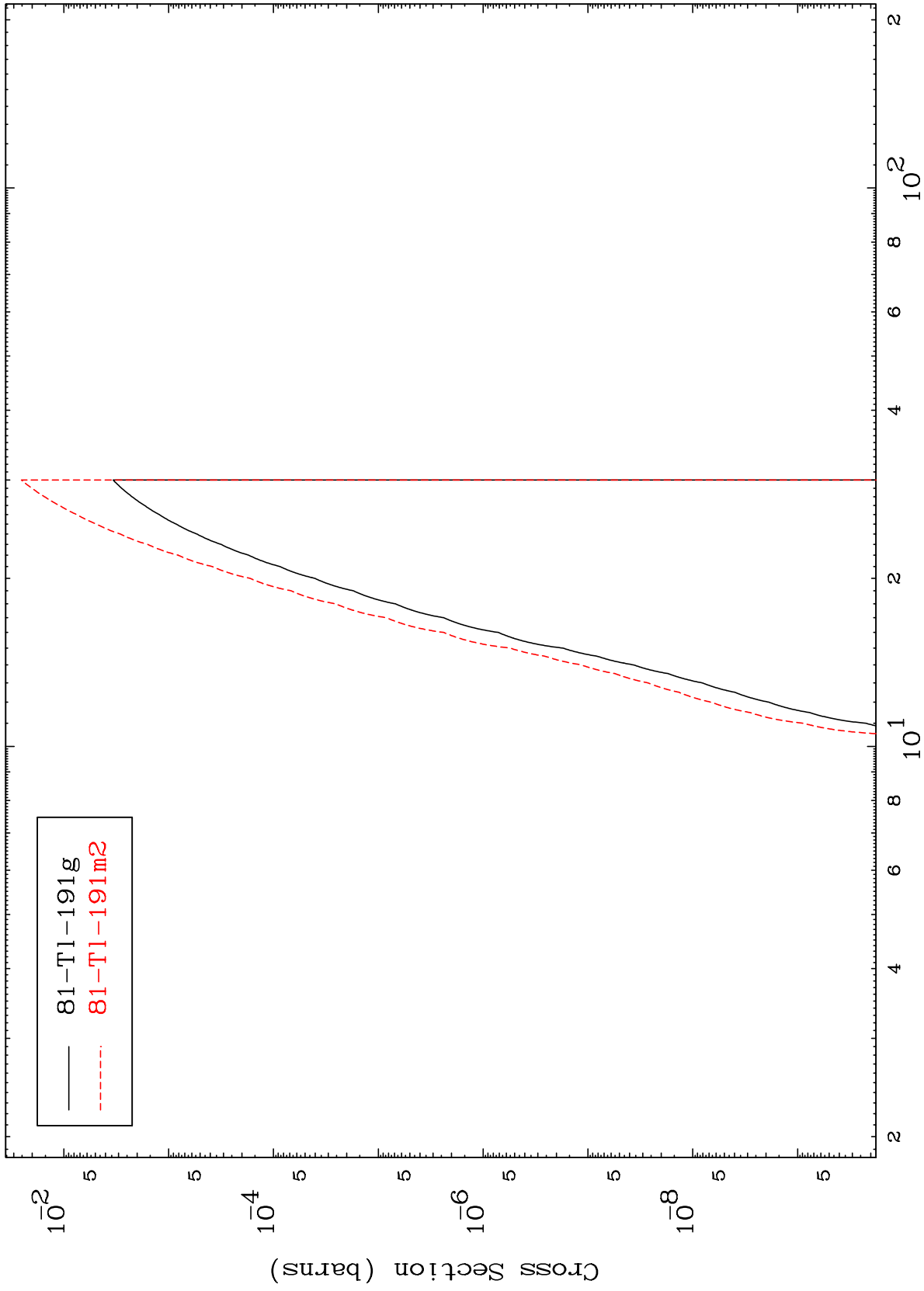
83-Bi-196

MAT 8287

(n,2n)  $\alpha$

83-Bi-196

Radionuclide Production Cross Section



81-Tl-191g  
81-Tl-191m2

23

83-Bi-196

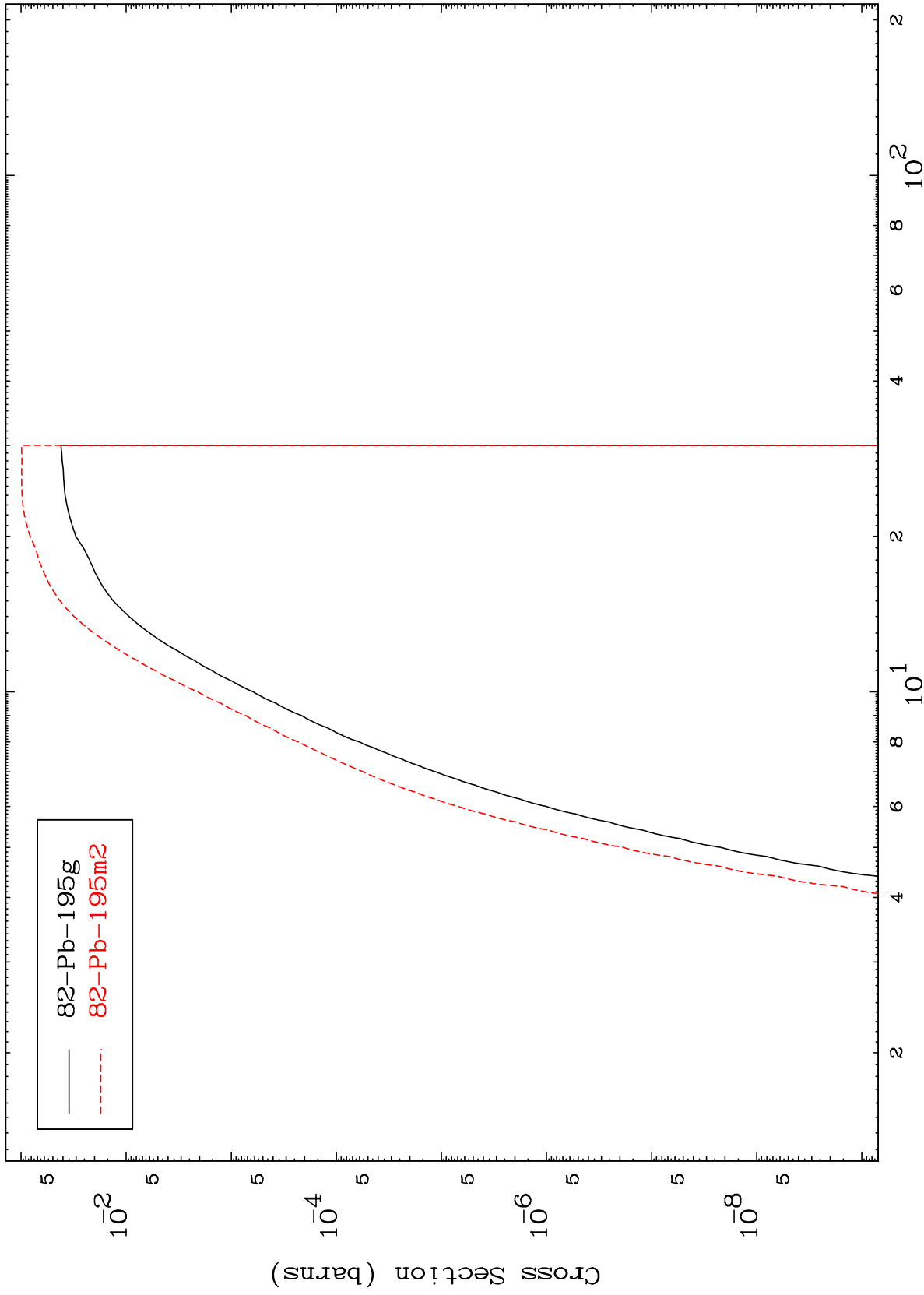


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(n,n') p

83-Bi-196

Radionuclide Production Cross Section



24

Incident Energy (MeV)

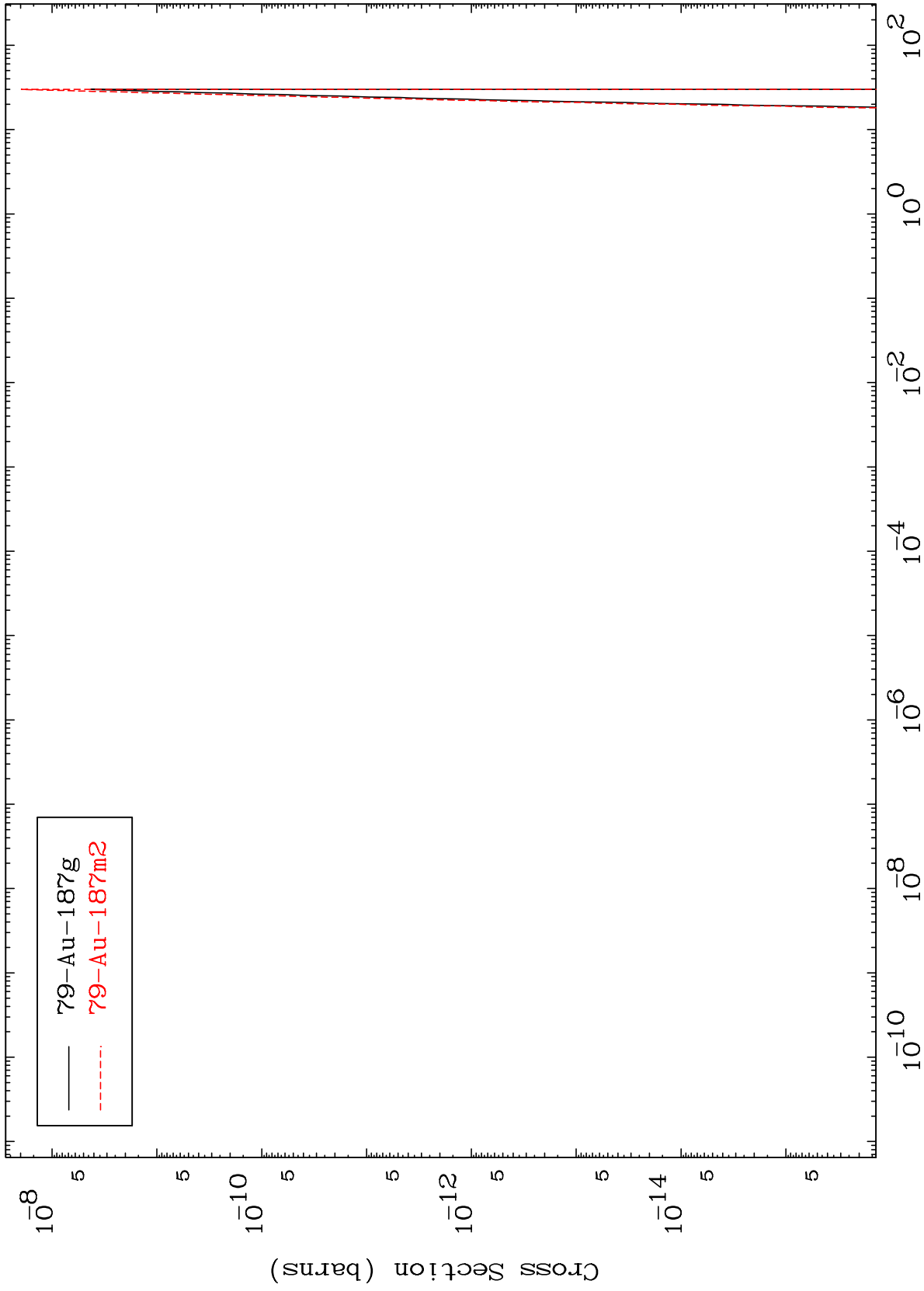
83-Bi-196

MAT 8287

(n,2n) 2 $\alpha$

83-Bi-196

Radionuclide Production Cross Section



25

Incident Energy (MeV)

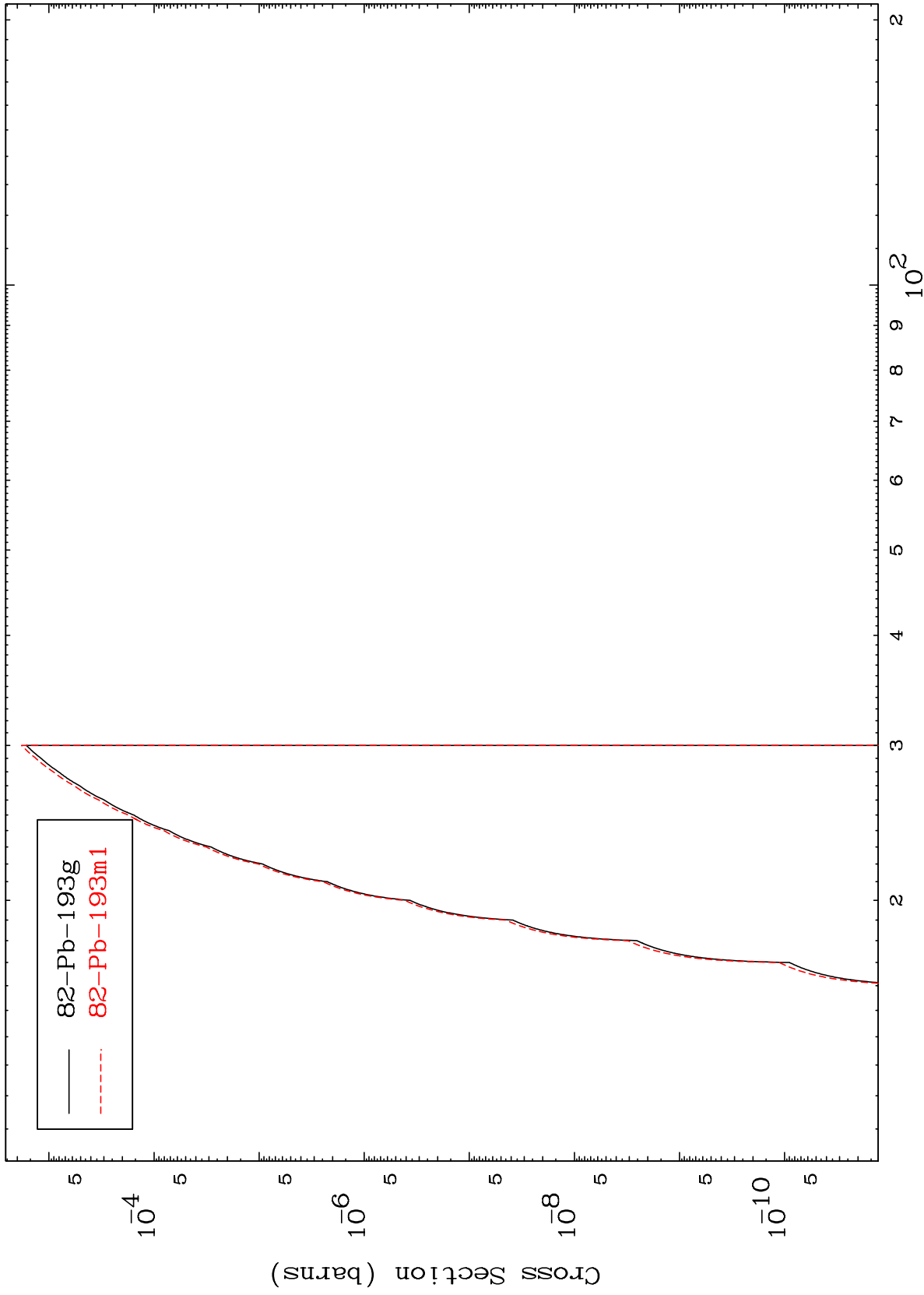
83-Bi-196

MAT 8287

(n,n') t

83-Bi-196

Radionuclide Production Cross Section



26

Incident Energy (MeV)

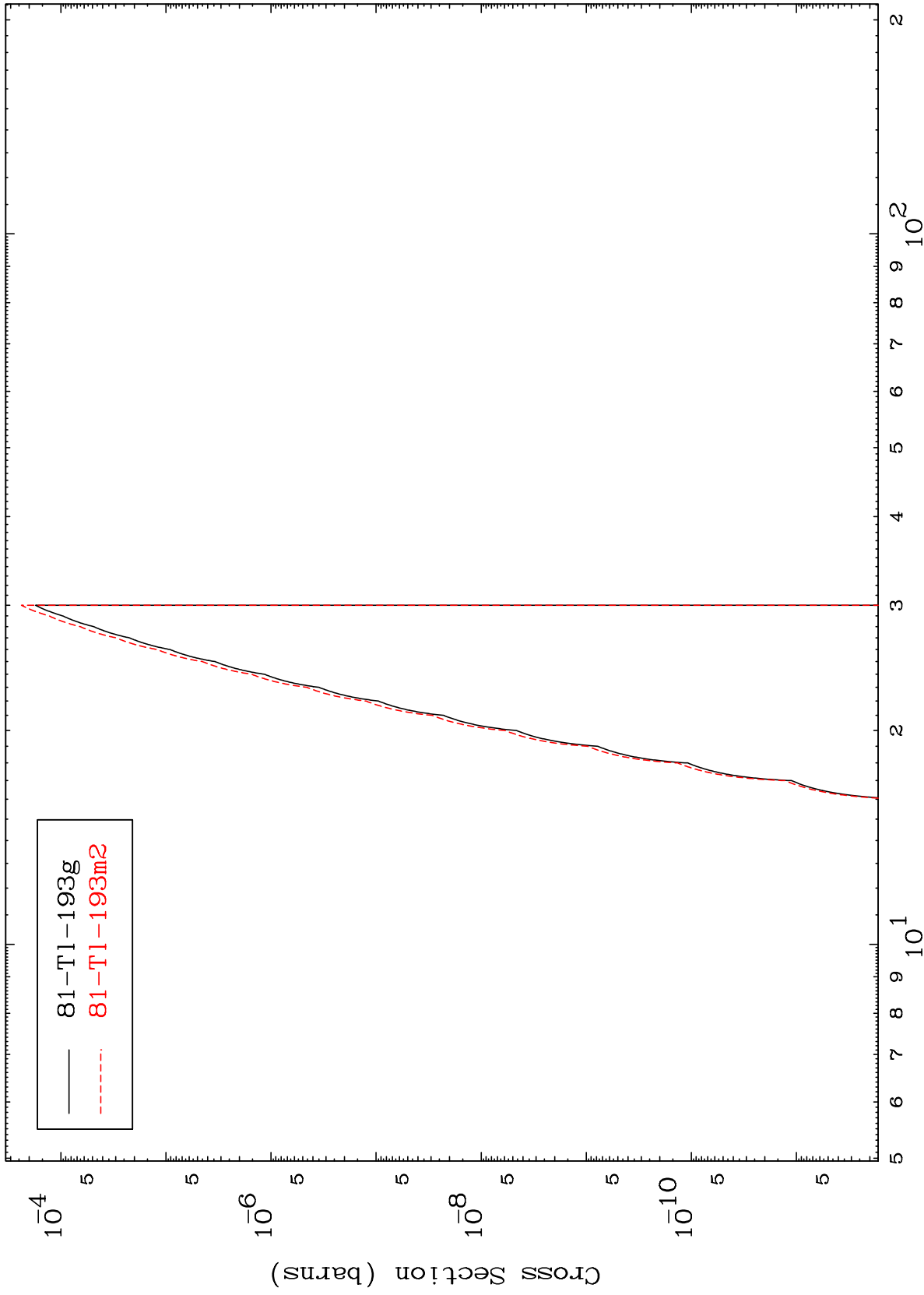
83-Bi-196

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(n, n') He-3

83-Bi-196

Radionuclide Production Cross Section



27

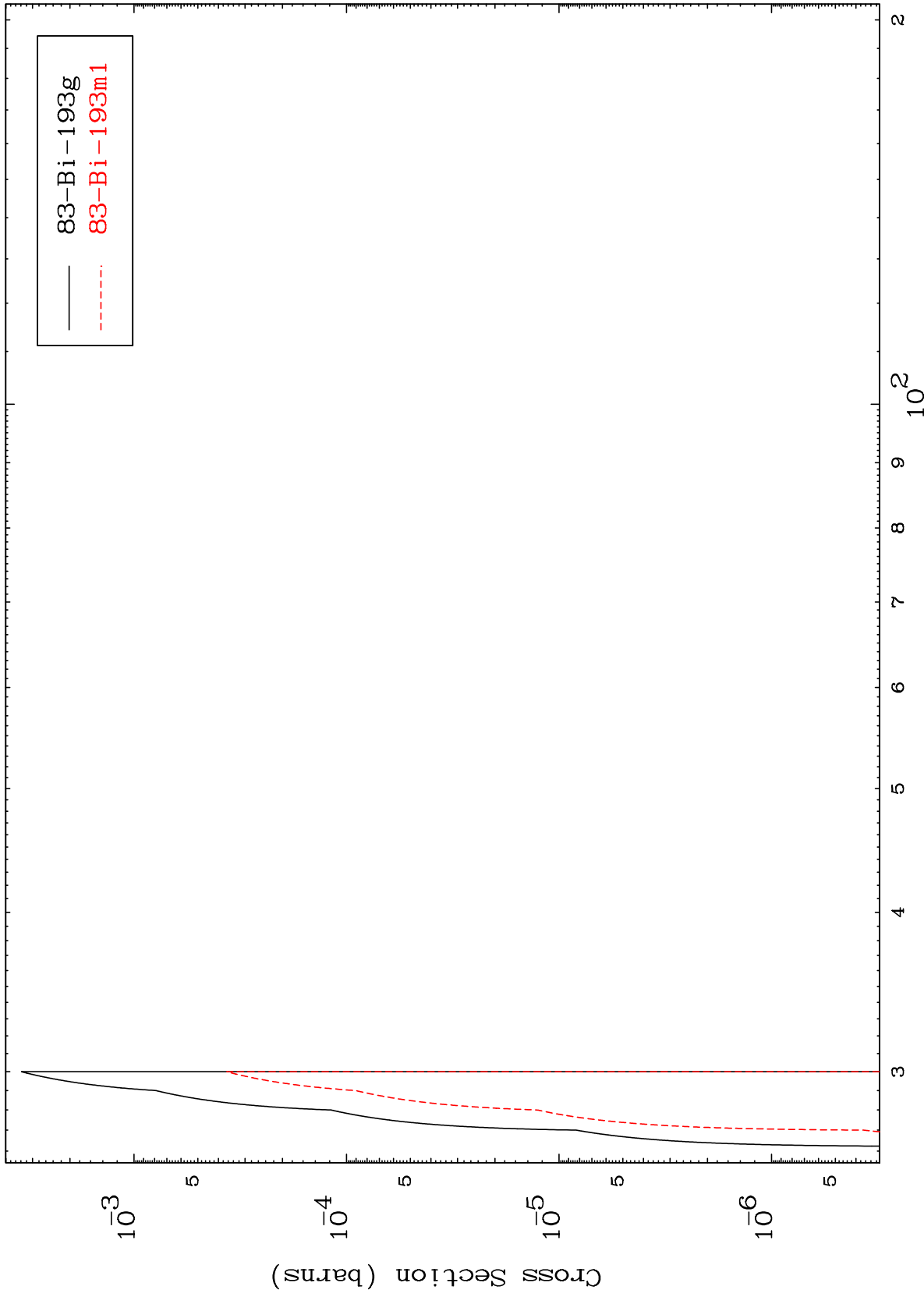
Incident Energy (MeV)

83-Bi-196

MAT 8287

83-Bi-196

(n,4n)  
Radionuclide Production Cross Section



28

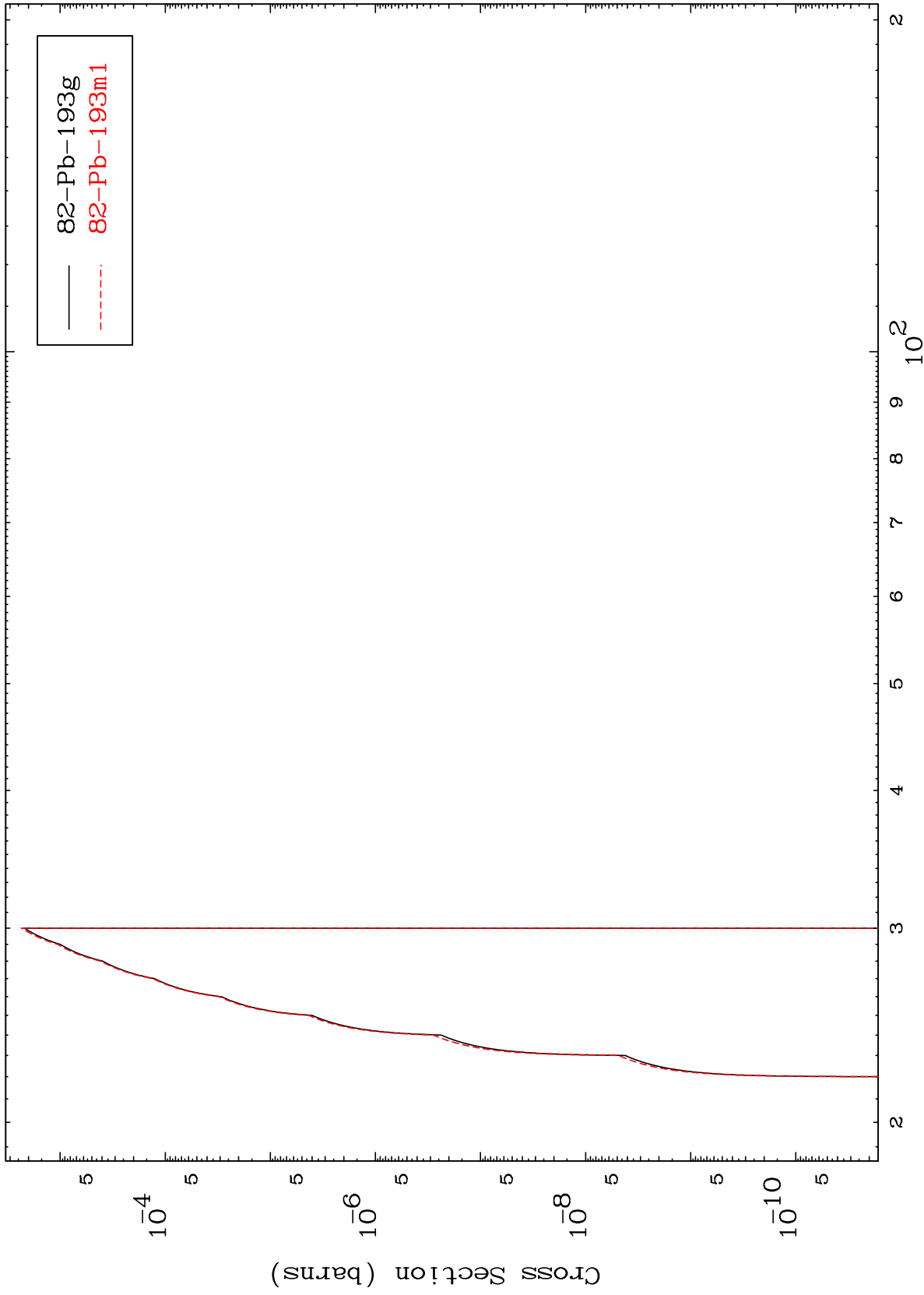
83-Bi-196

MAT 8287

(n,3n) p

83-Bi-196

Radionuclide Production Cross Section



29

Incident Energy (MeV)

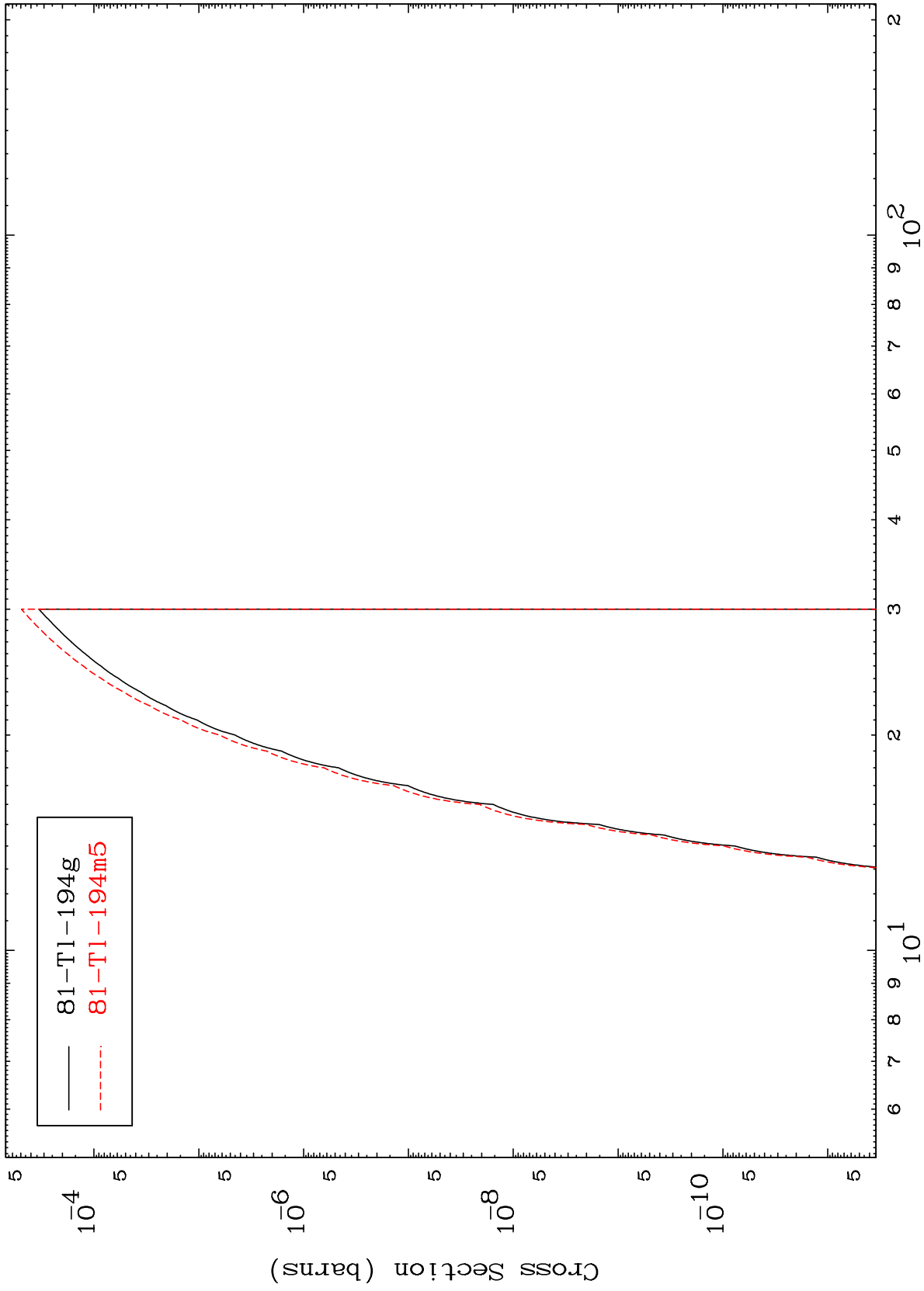
83-Bi-196

MAT 8287

(n,2n) p

83-Bi-196

Radionuclide Production Cross Section



30

Incident Energy (MeV)

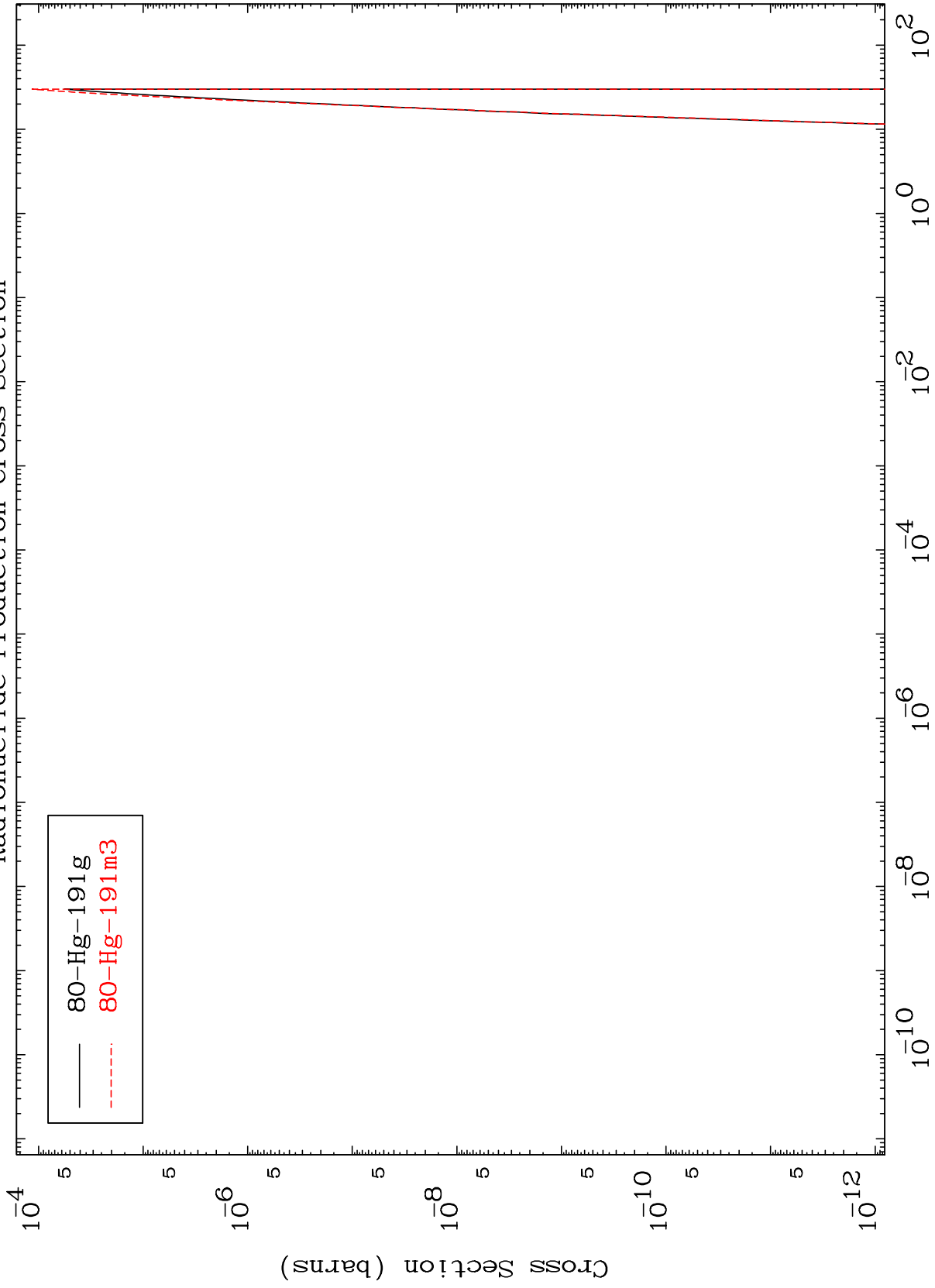
83-Bi-196

MAT 8287

(n,n') p  $\alpha$

83-Bi-196

Radionuclide Production Cross Section



31

Incident Energy (MeV)

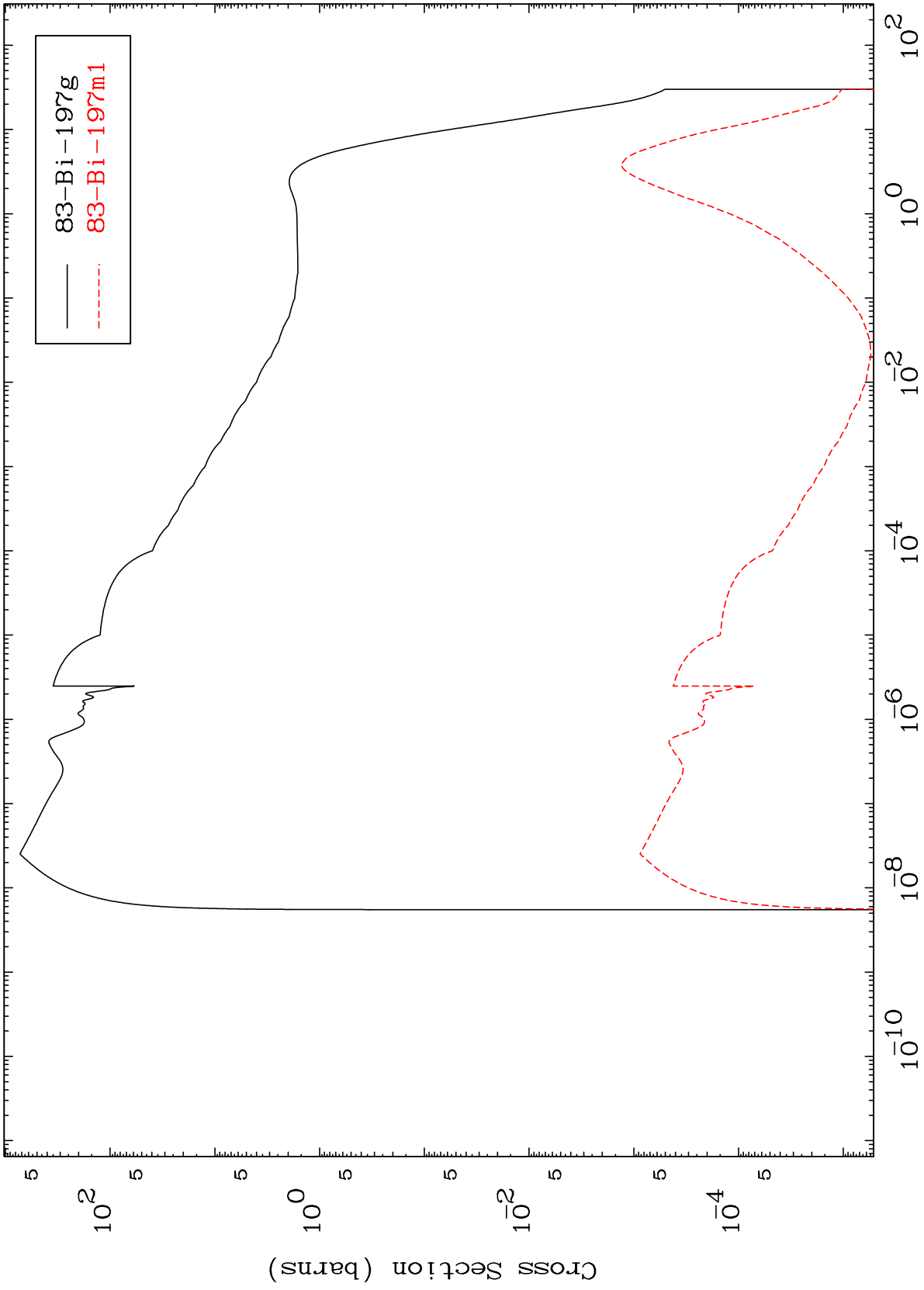
83-Bi-196



MAT 8287

83-Bi-196

(n,γ)  
Radionuclide Production Cross Section



32

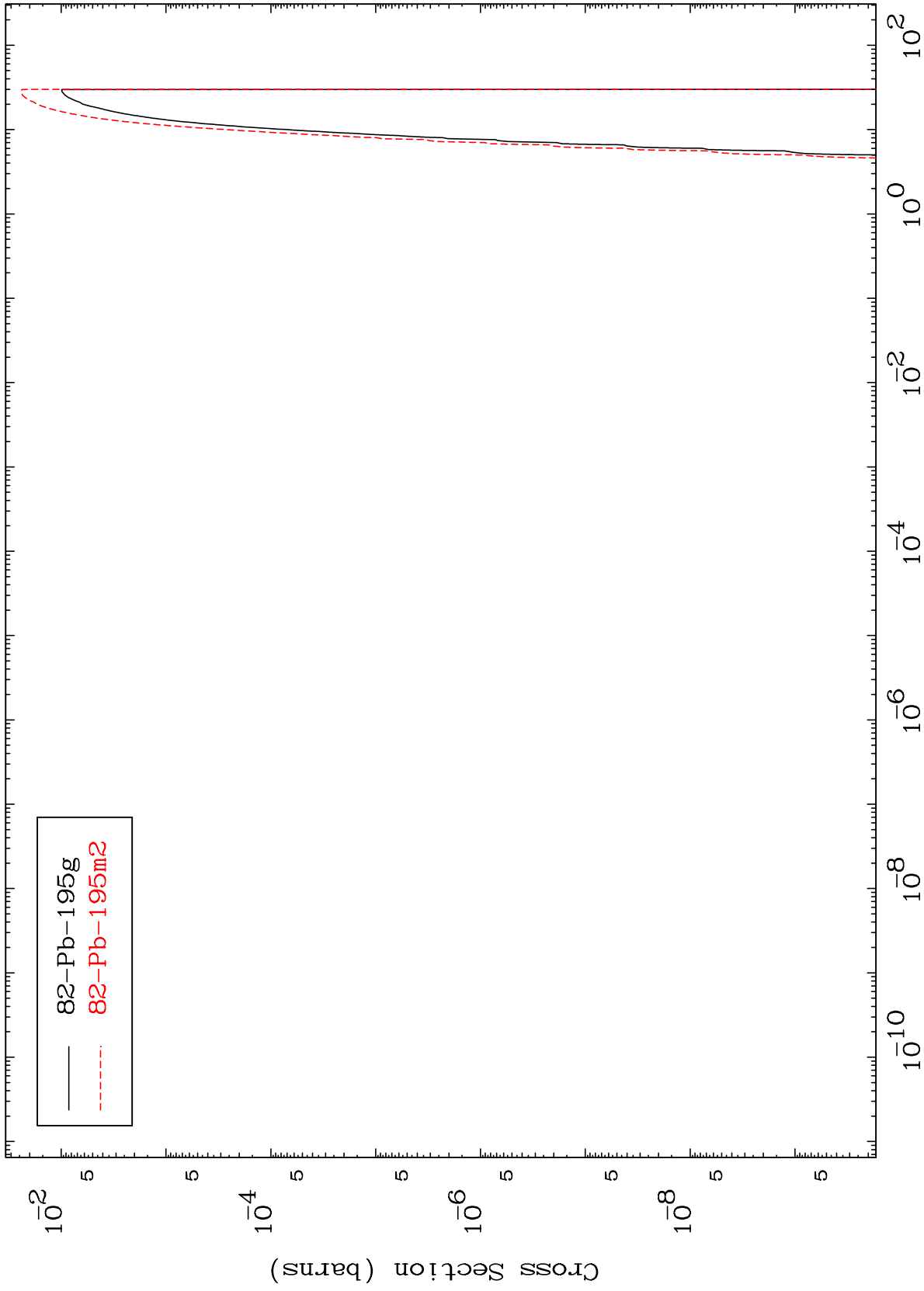
83-Bi-196

MAT 8287

(n,d)

83-Bi-196

Radionuclide Production Cross Section



33

Incident Energy (MeV)

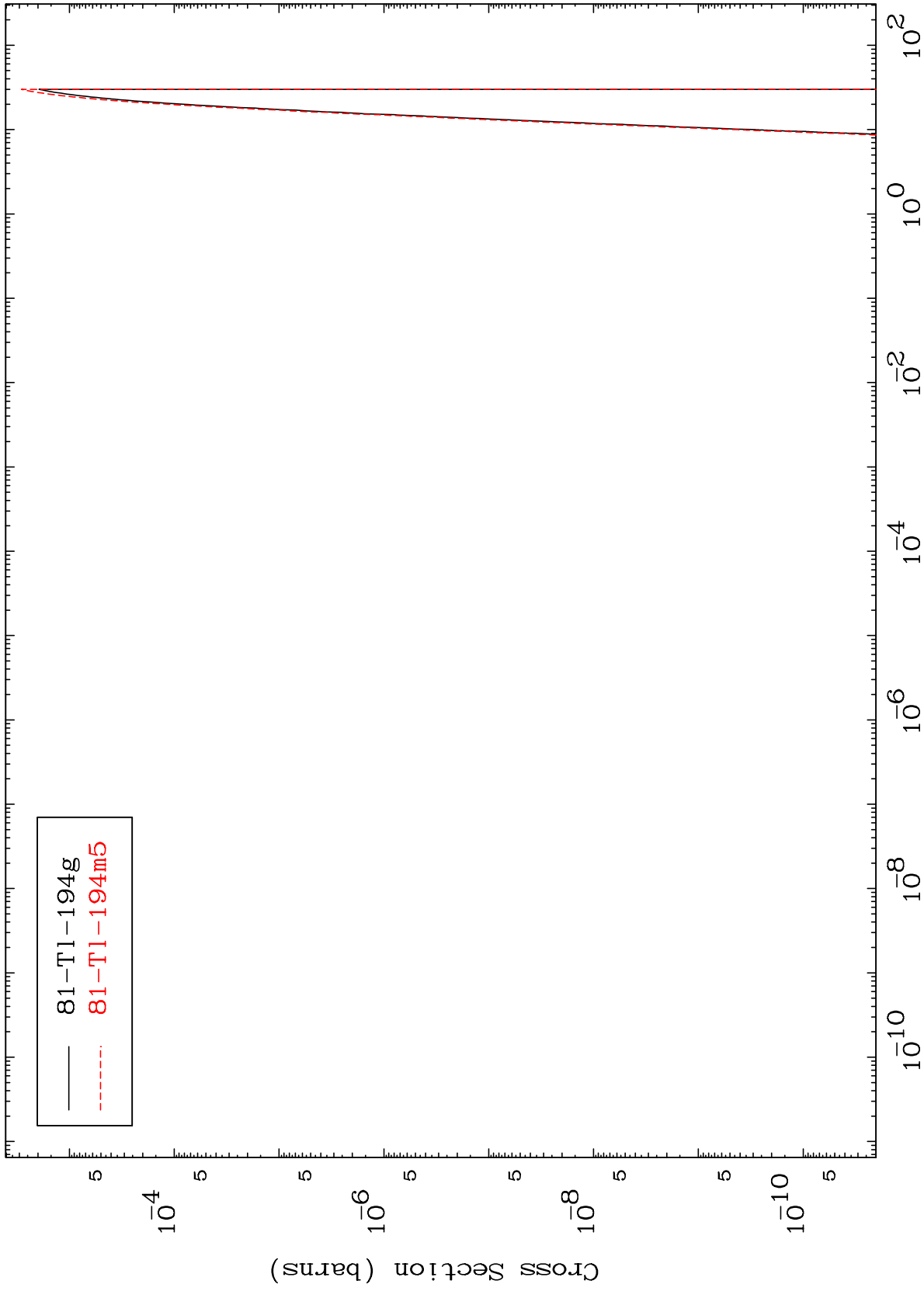
83-Bi-196

MAT 8287

(n,He-3)

83-Bi-196

Radionuclide Production Cross Section



34

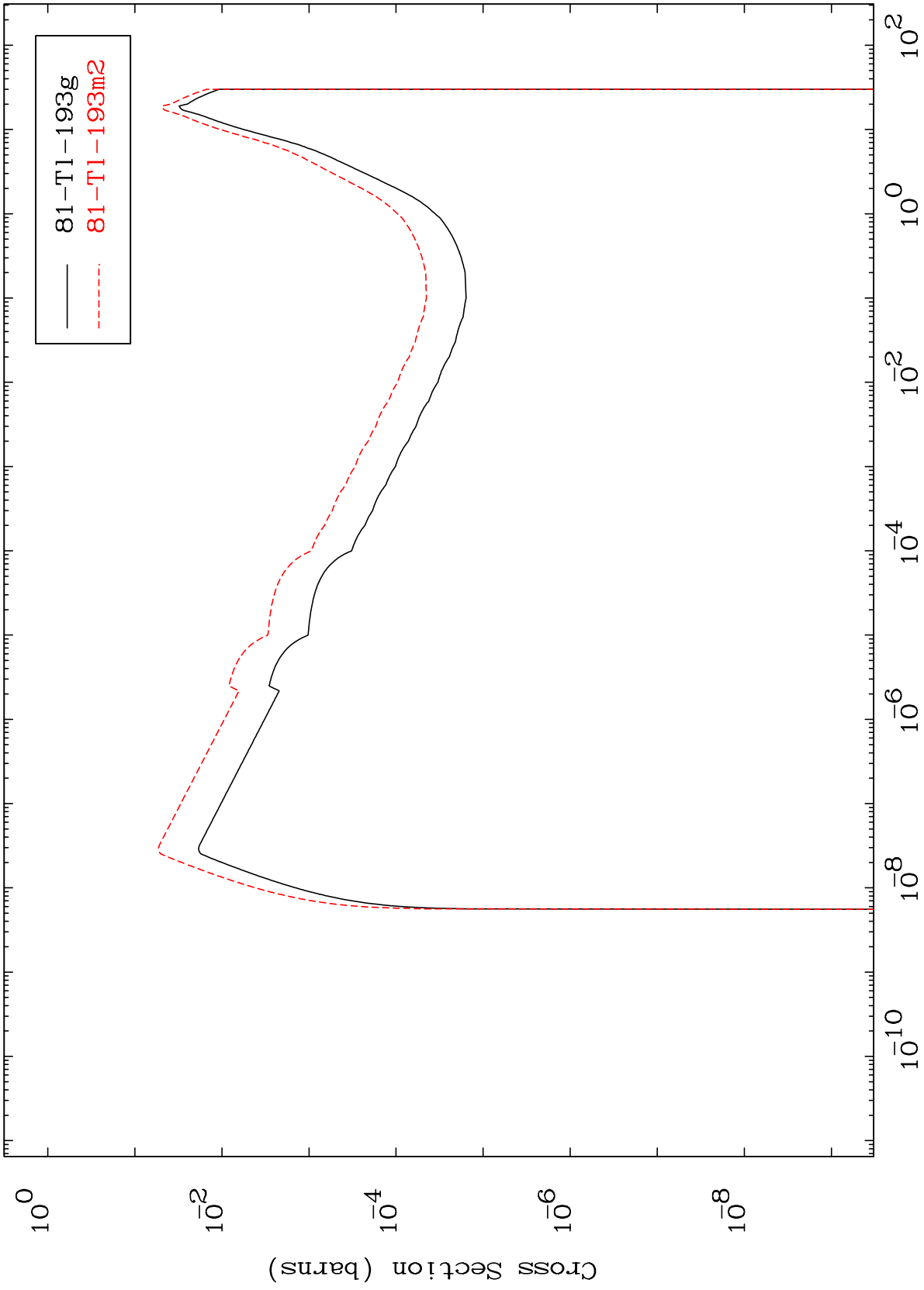
Incident Energy (MeV)

83-Bi-196

MAT 8287

83-Bi-196

(n,α)  
Radionuclide Production Cross Section



35

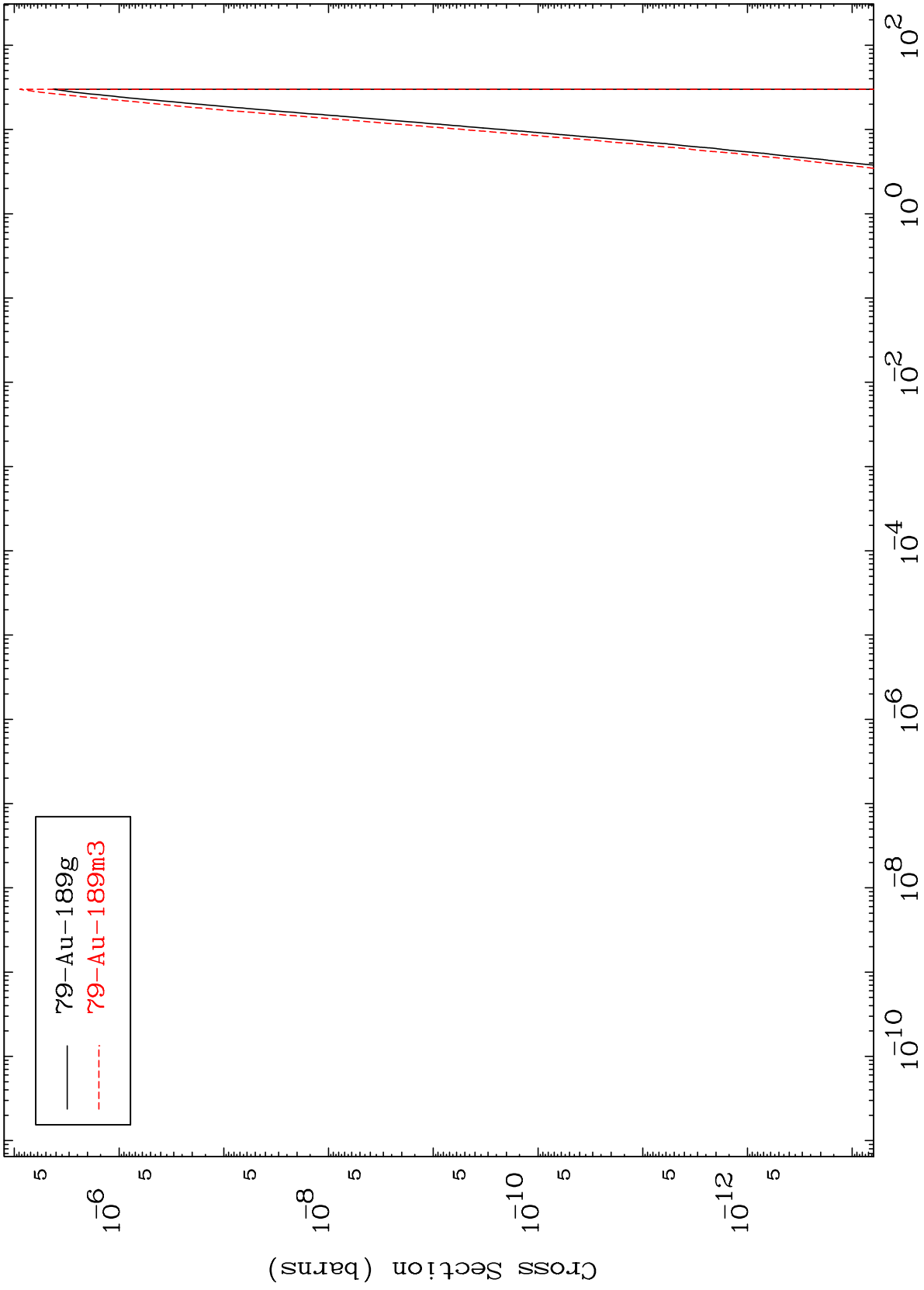
83-Bi-196

MAT 8287

(n,2α)

83-Bi-196

Radionuclide Production Cross Section



36

Incident Energy (MeV)

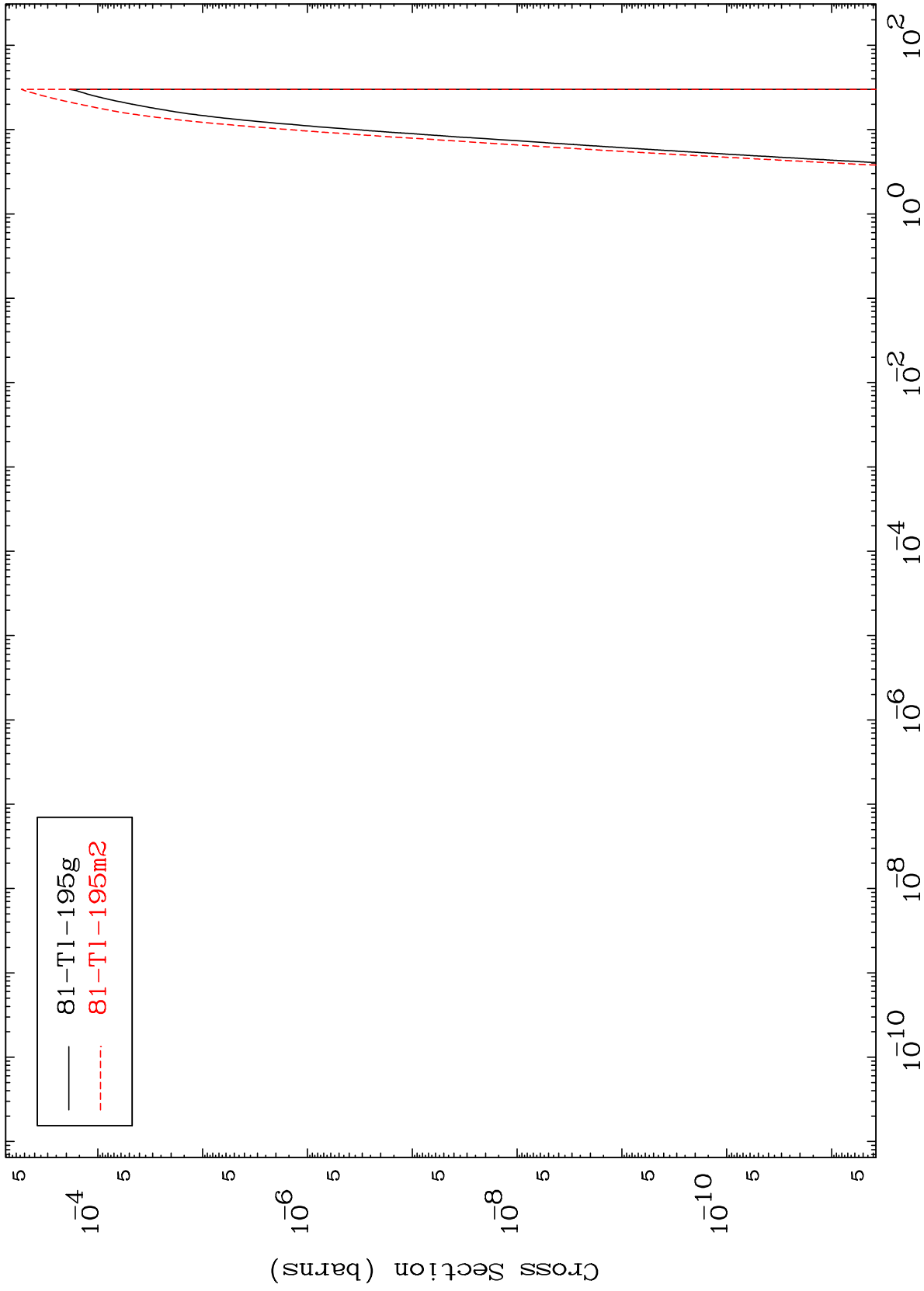
83-Bi-196

MAT 8287

(n,2p)

83-Bi-196

Radionuclide Production Cross Section



37

Incident Energy (MeV)

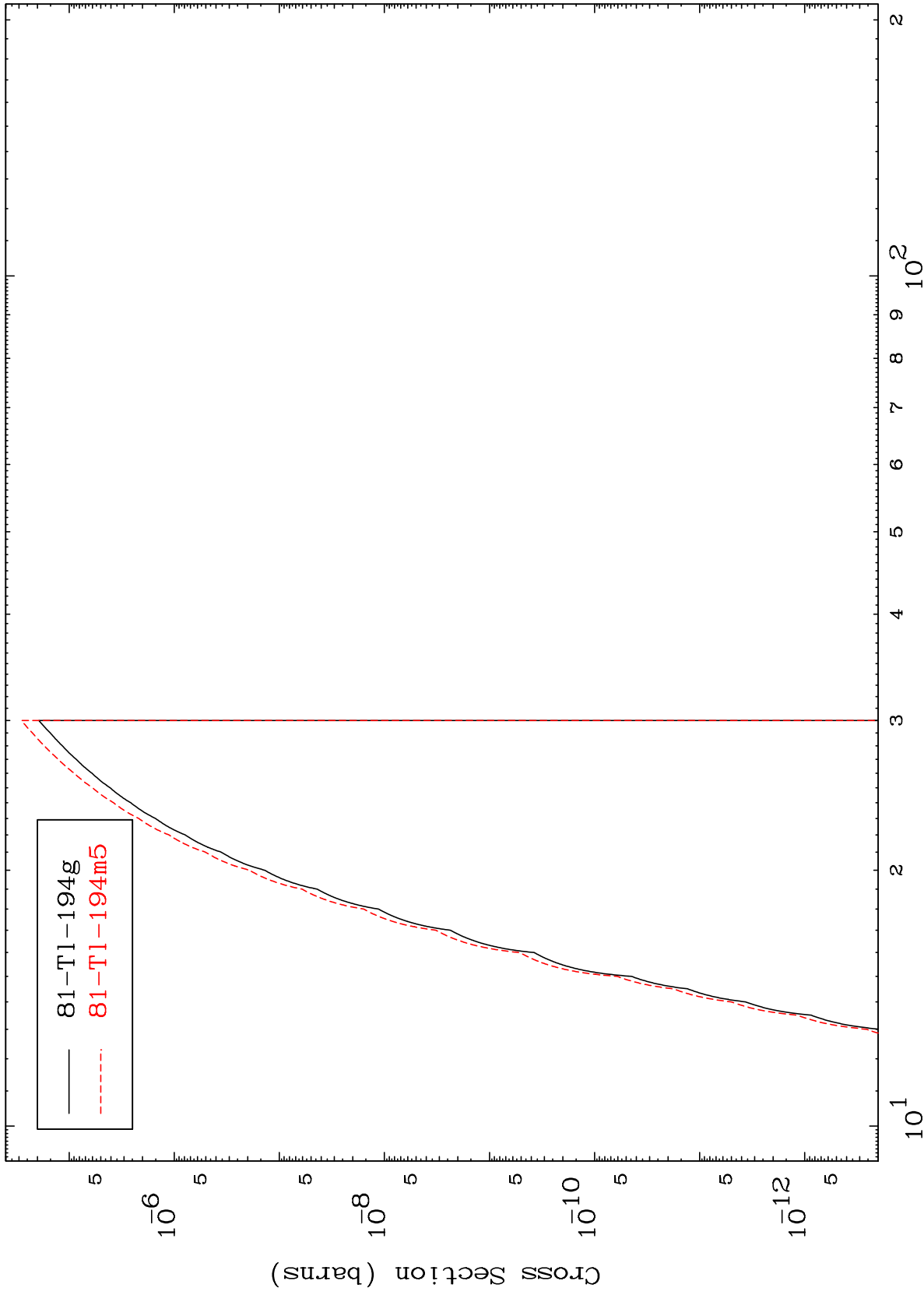
83-Bi-196

MAT 8287

(n,p) d

83-Bi-196

Radionuclide Production Cross Section



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

38

Incident Energy (MeV)

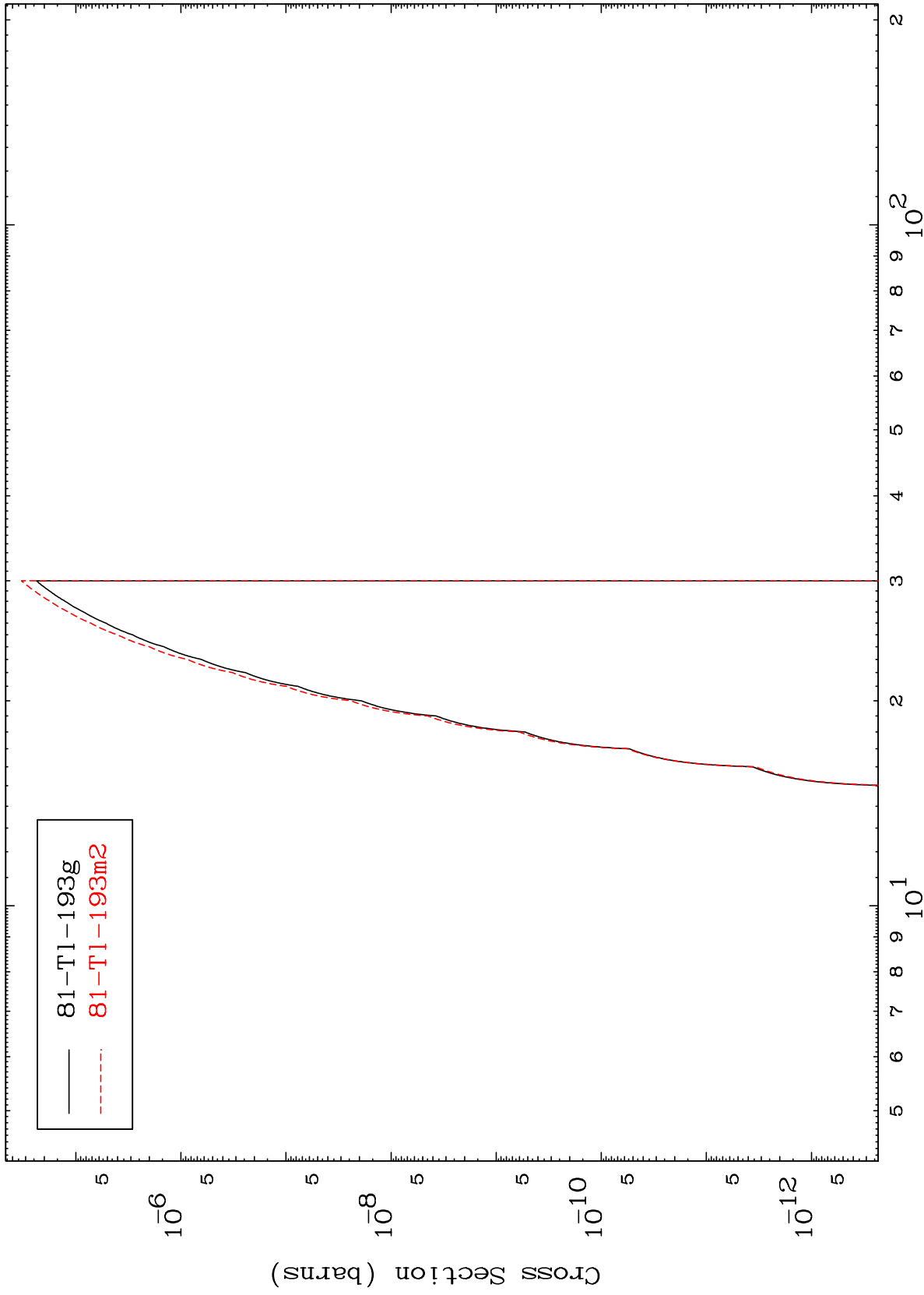
83-Bi-196

MAT 8287

(n,p) t

83-Bi-196

Radionuclide Production Cross Section



39

Incident Energy (MeV)

83-Bi-196

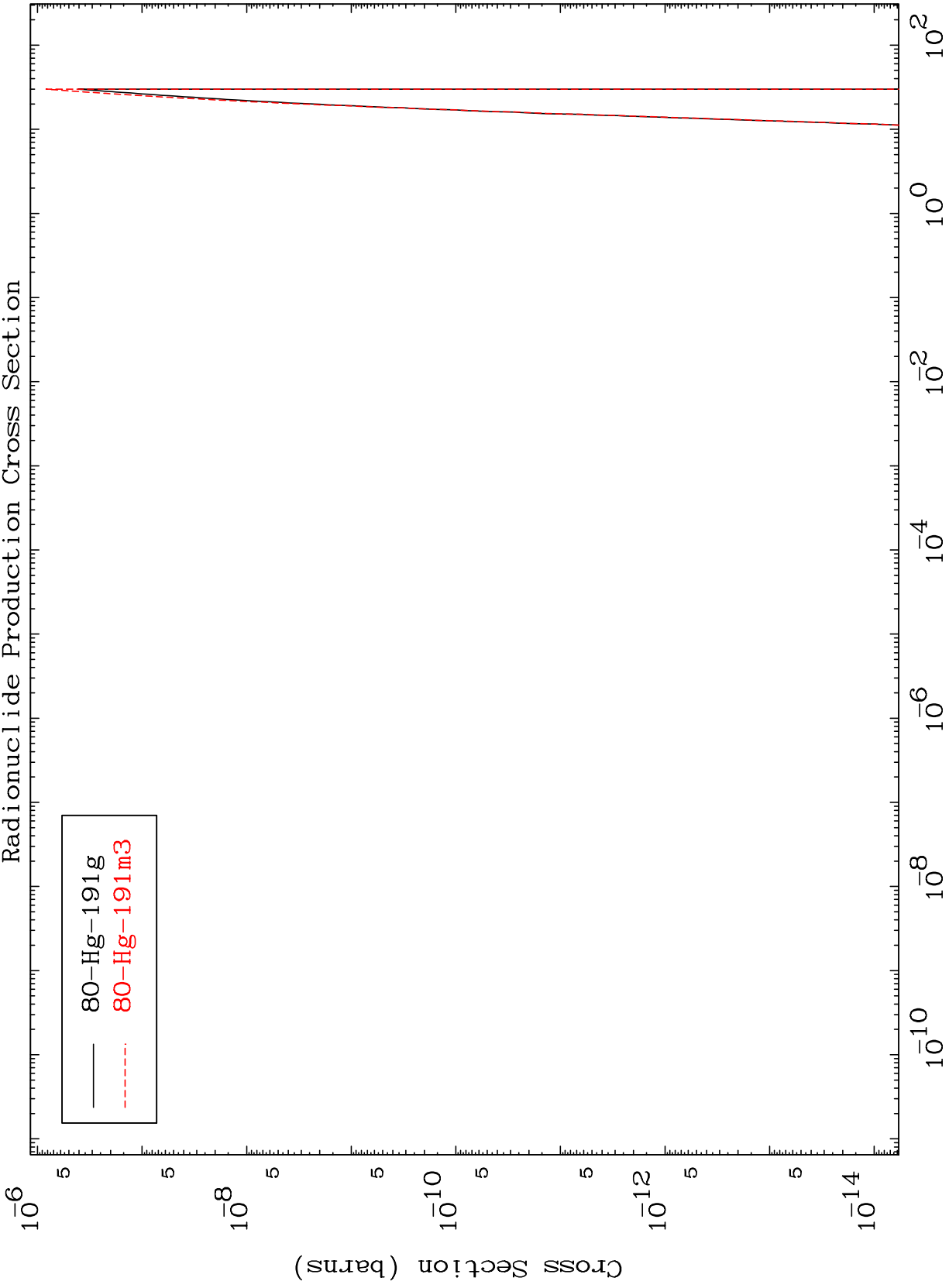


MAT 8287

(n,d)  $\alpha$

83-Bi-196

Radionuclide Production Cross Section



40

Incident Energy (MeV)

83-Bi-196