

Program EVALPLOT  
(Version 2018-1)

by

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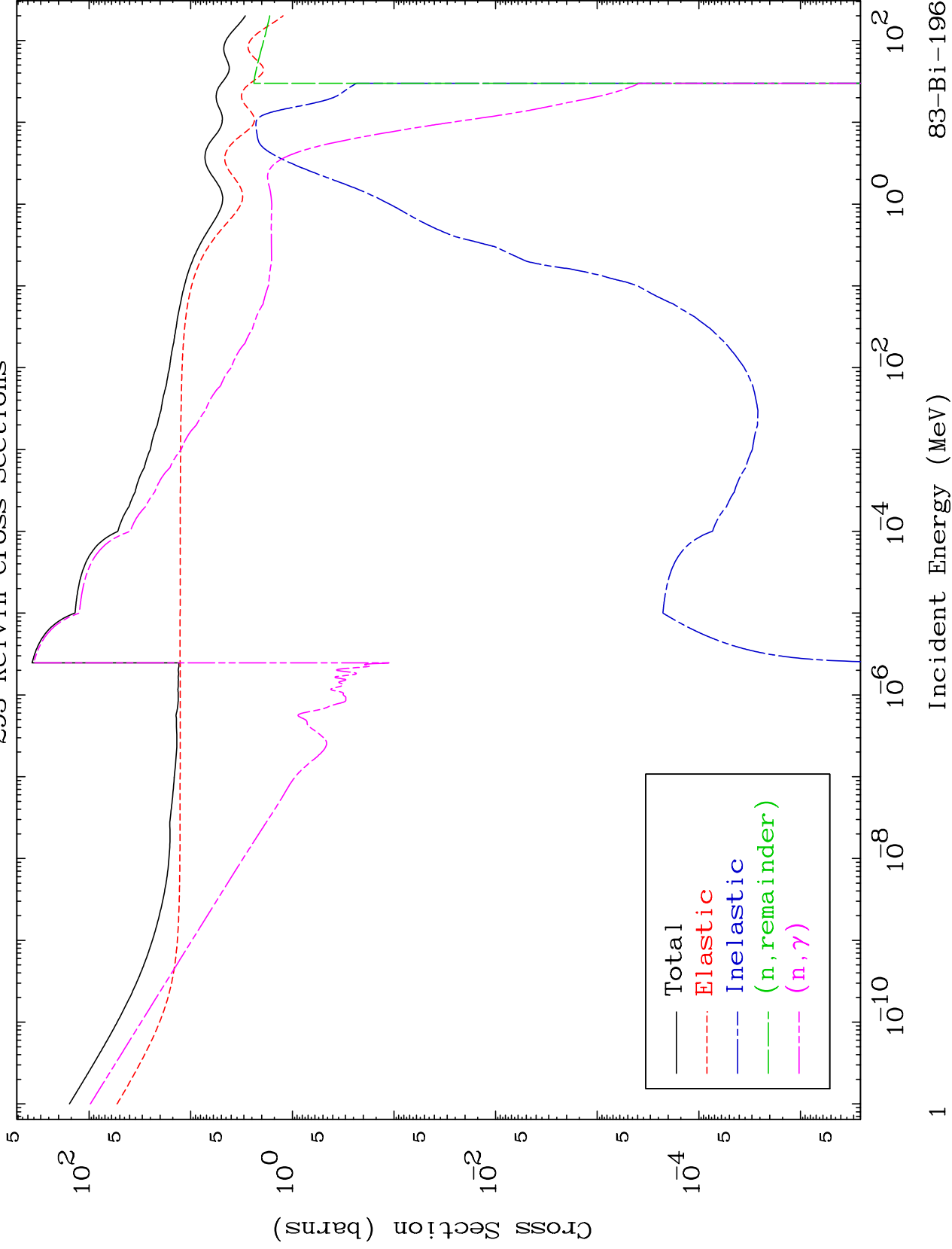
Press Mouse Button to Start

MAT 8287

Major

293 Kelvin Cross Sections

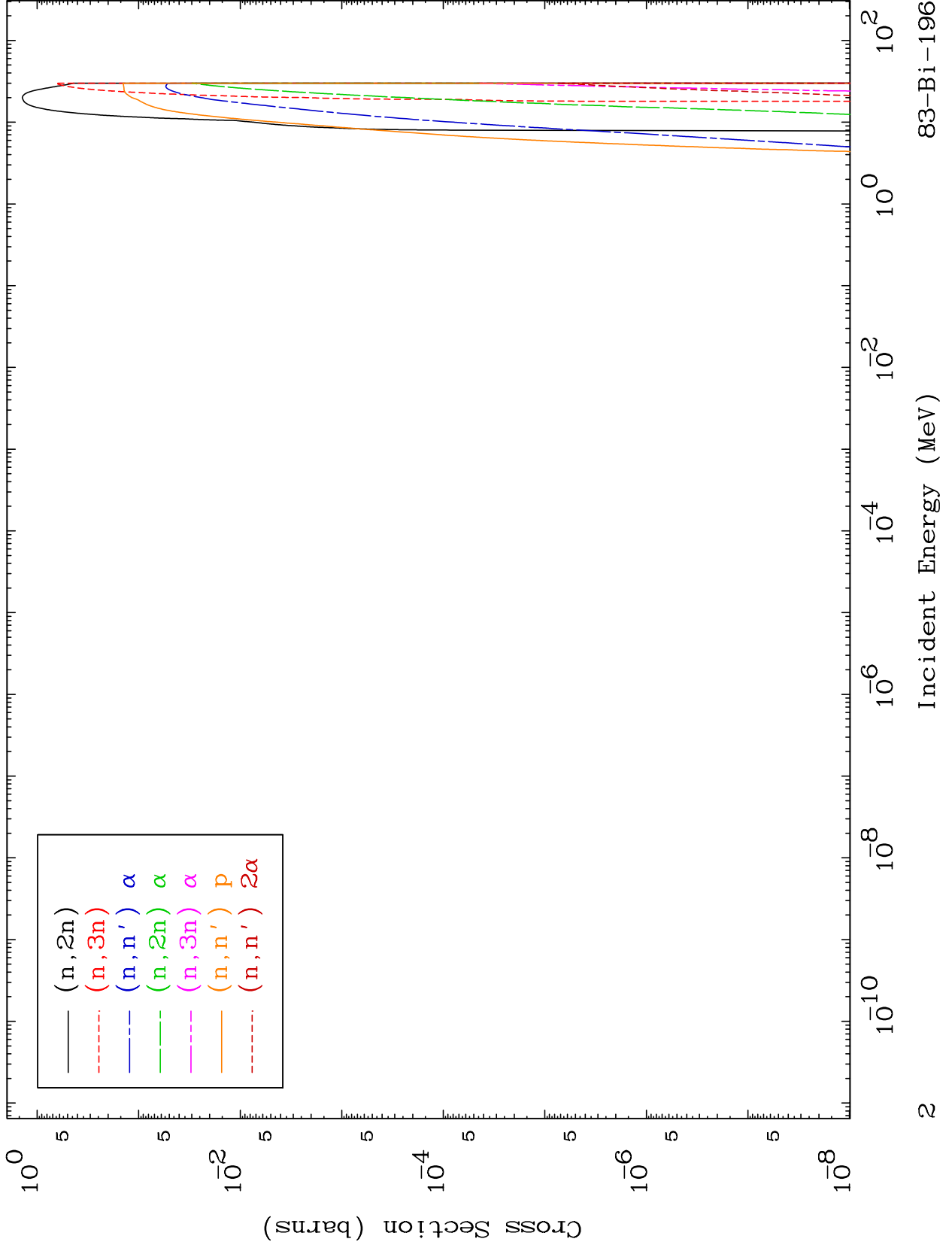
83-Bi-196



MAT 8287

Neutron Production  
293 Kelvin Cross Sections

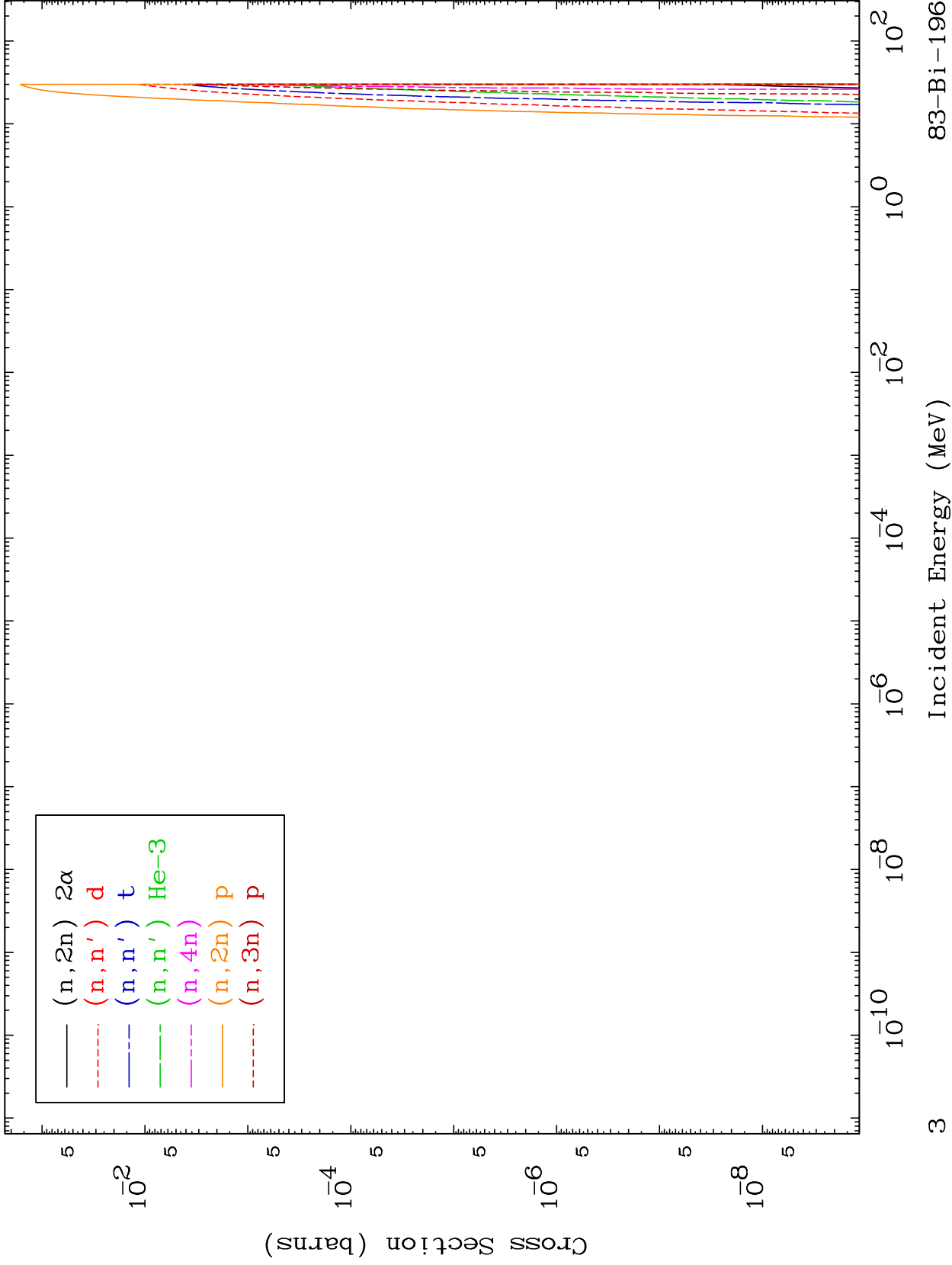
83-Bi-196



MAT 8287

Neutron Production  
293 Kelvin Cross Sections

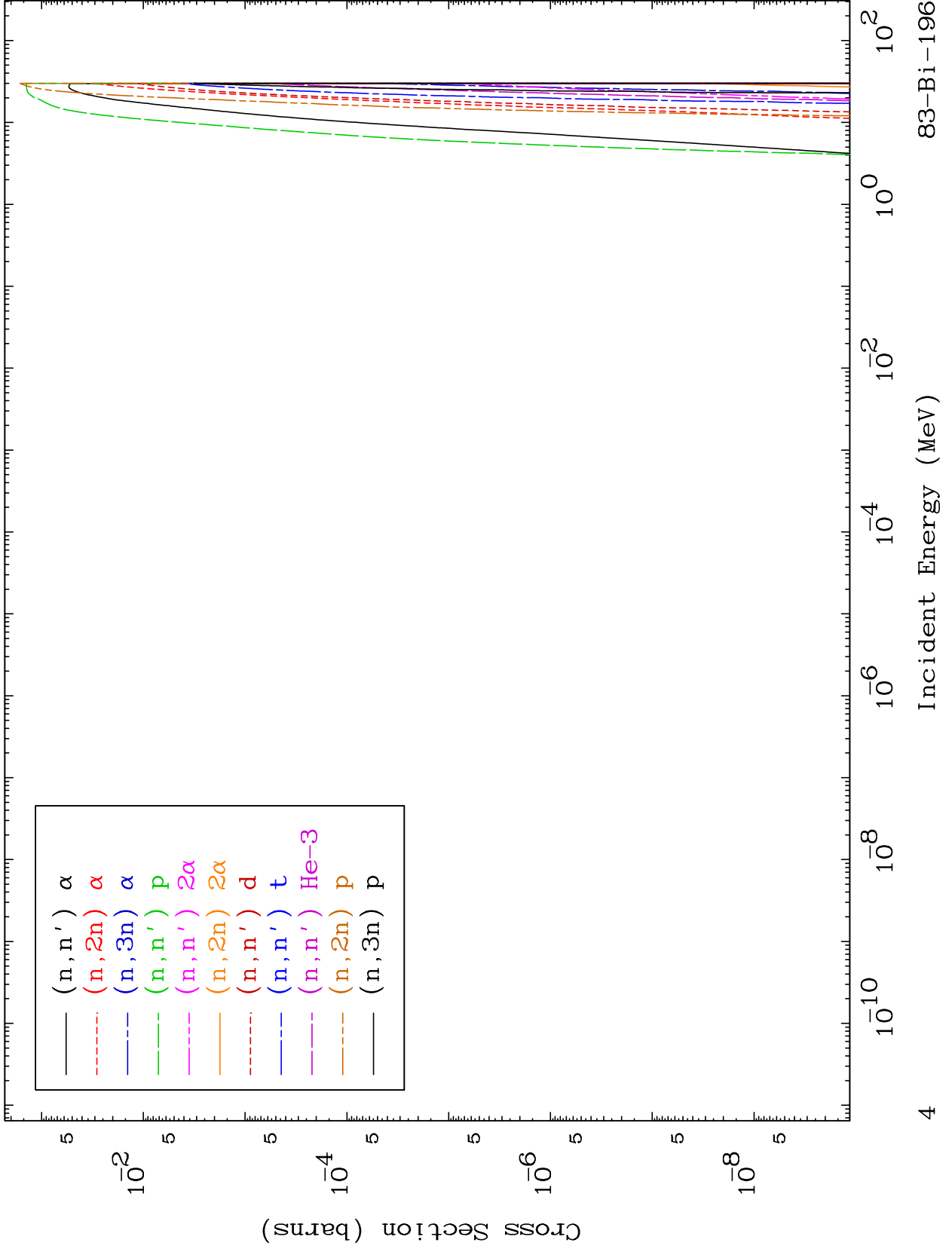
83-Bi-196



MAT 8287

Charged Particle  
293 Kelvin Cross Sections

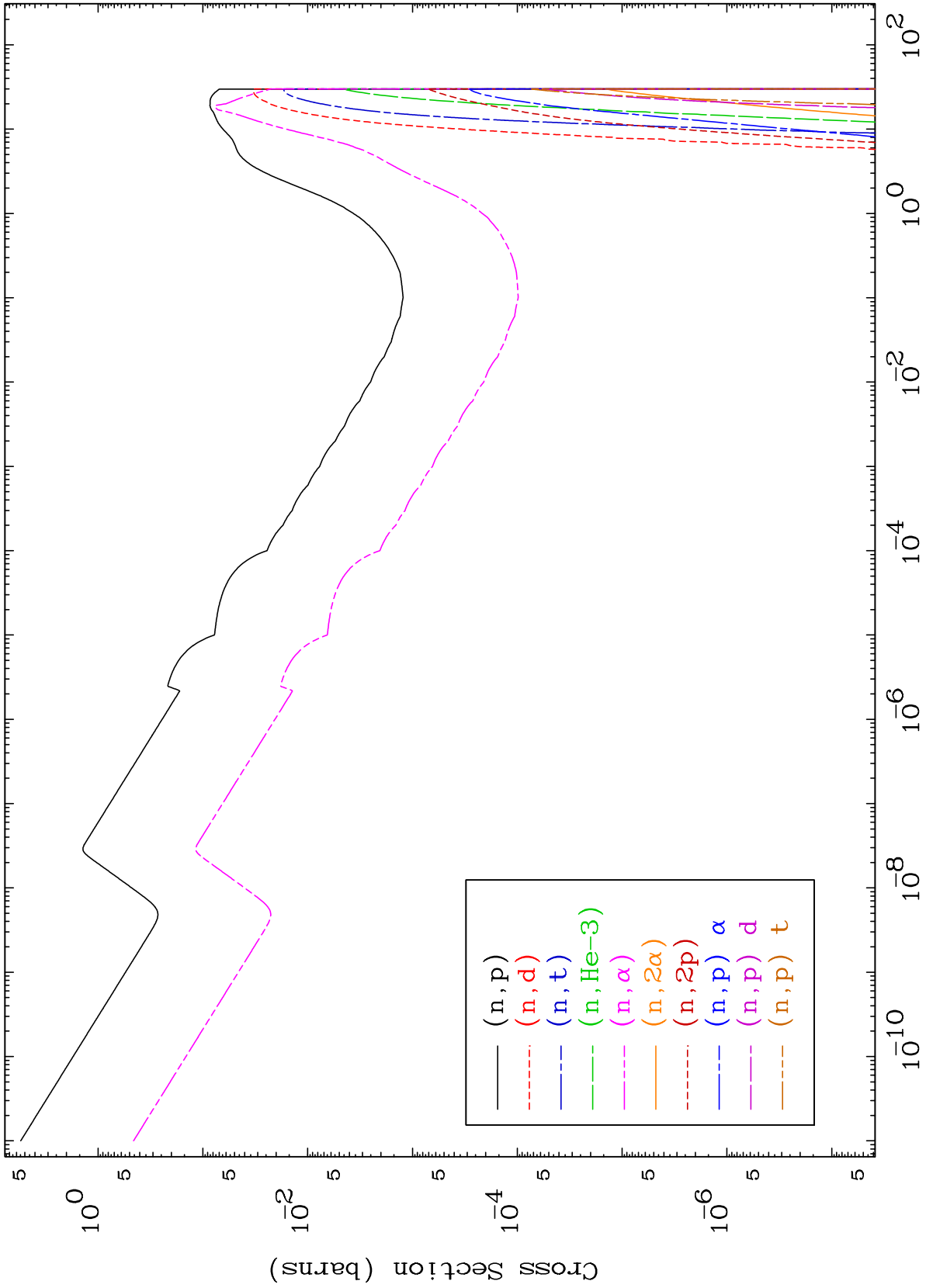
83-Bi-196



MAT 8287

Charged Particle  
293 Kelvin Cross Sections

83-Bi-196

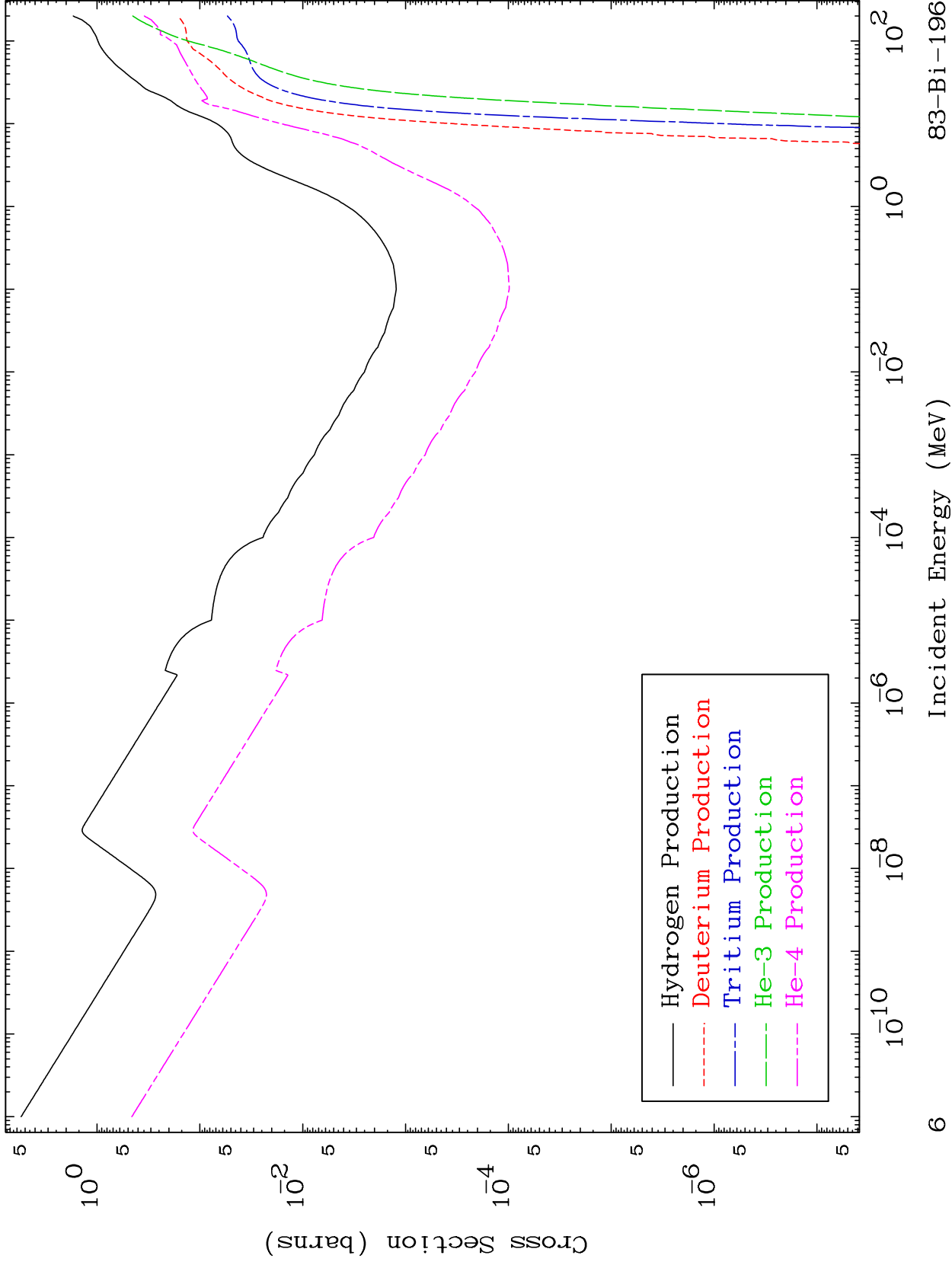


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MAT 8287

Particle Production  
293 Kelvin Cross Sections

83-Bi-196

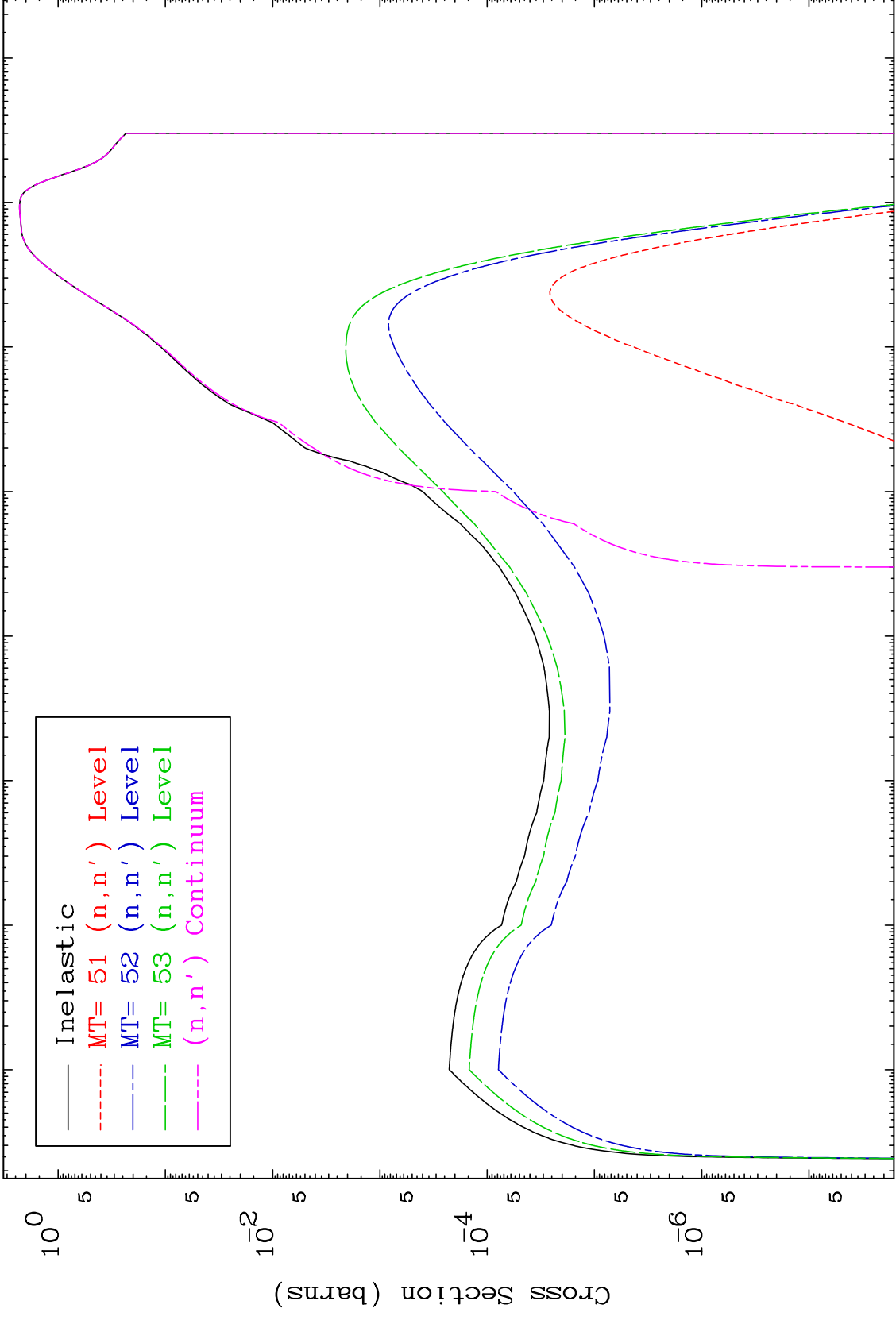


MAT 8287

(n,n') Level

83-Bi-196

293 Kelvin Cross Sections



83-Bi-196

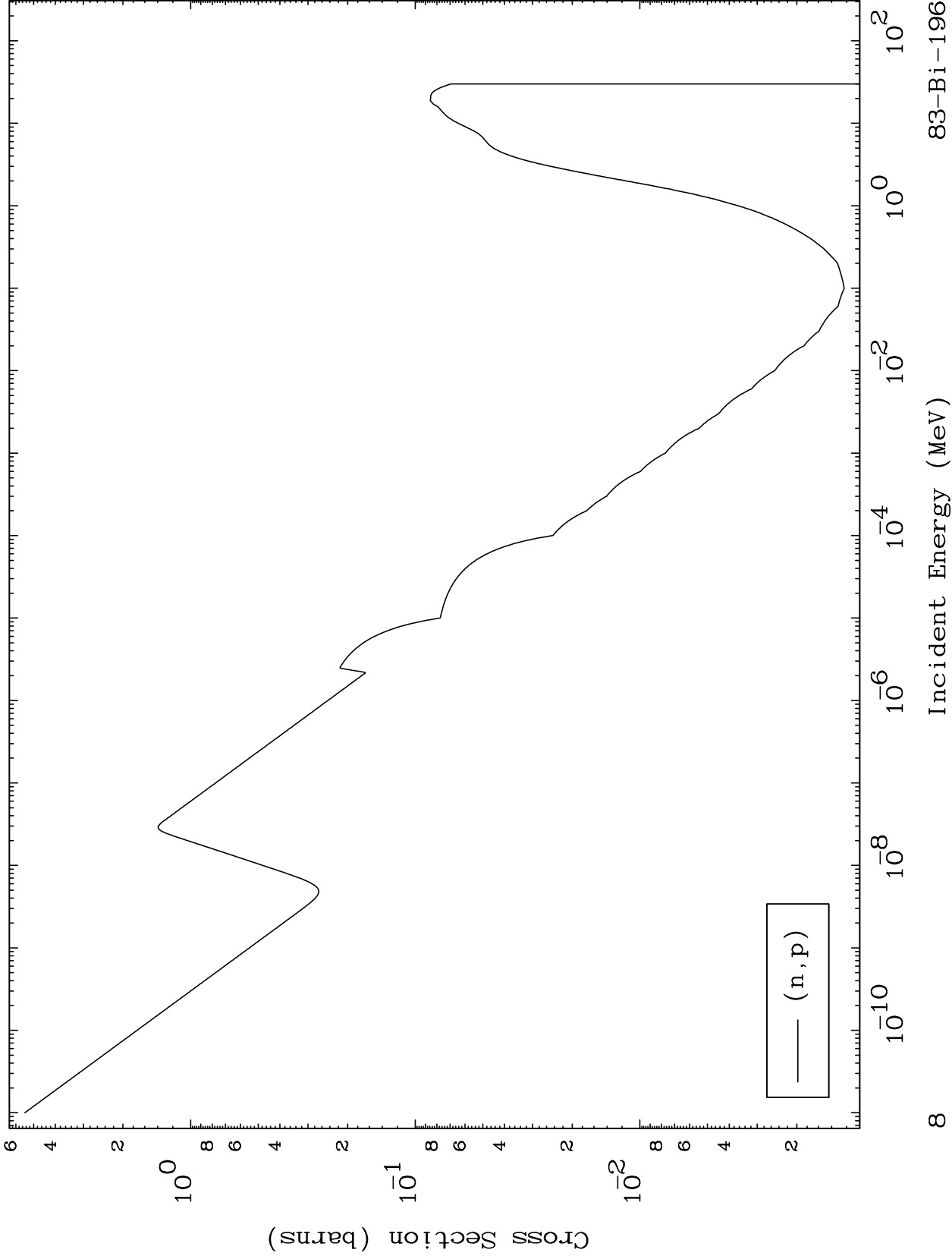
Incident Energy (MeV)



MAT 8287

(n,p) Levels  
293 Kelvin Cross Sections

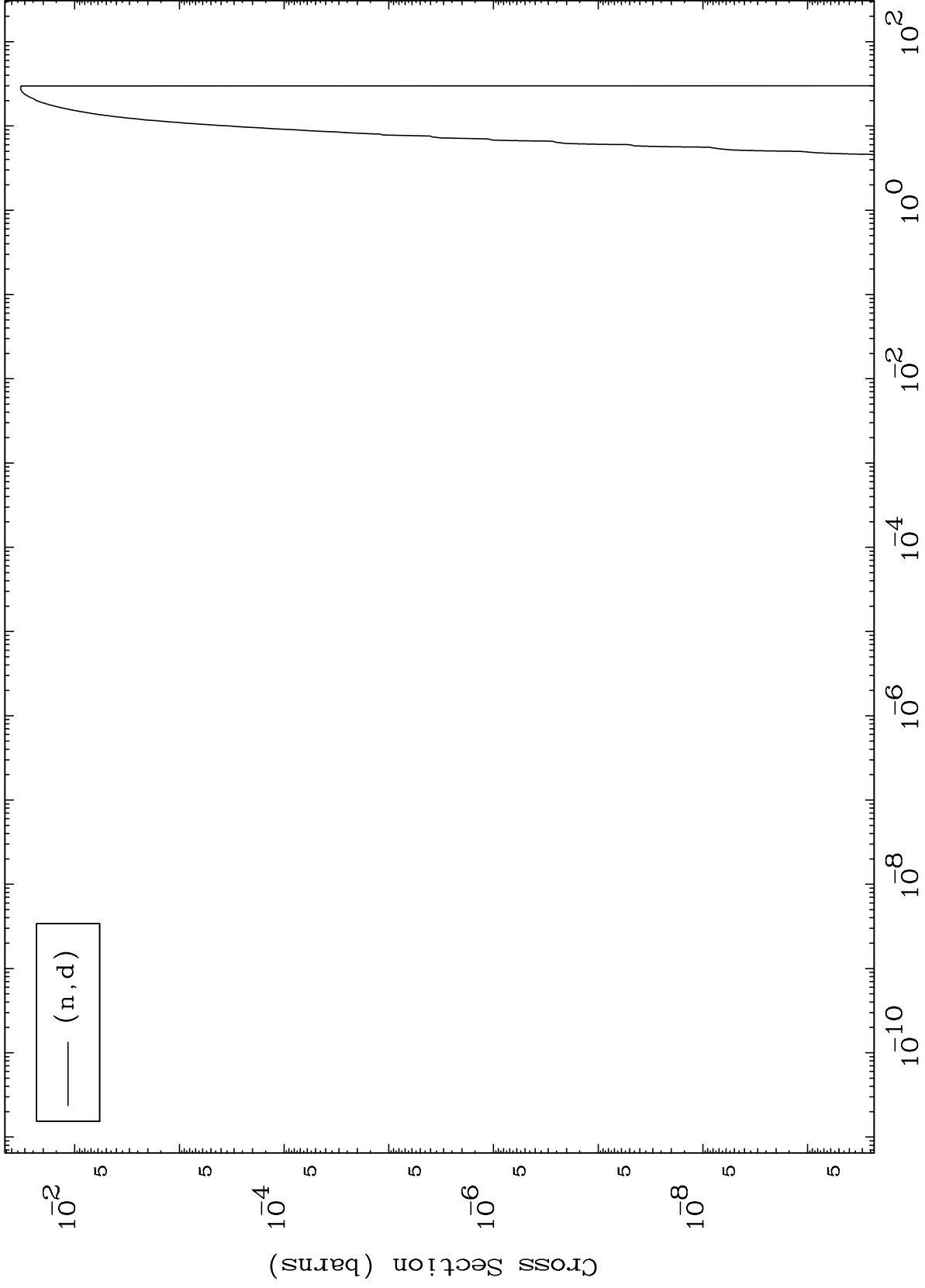
83-Bi-196



MAT 8287

(n,d) Levels  
293 Kelvin Cross Sections

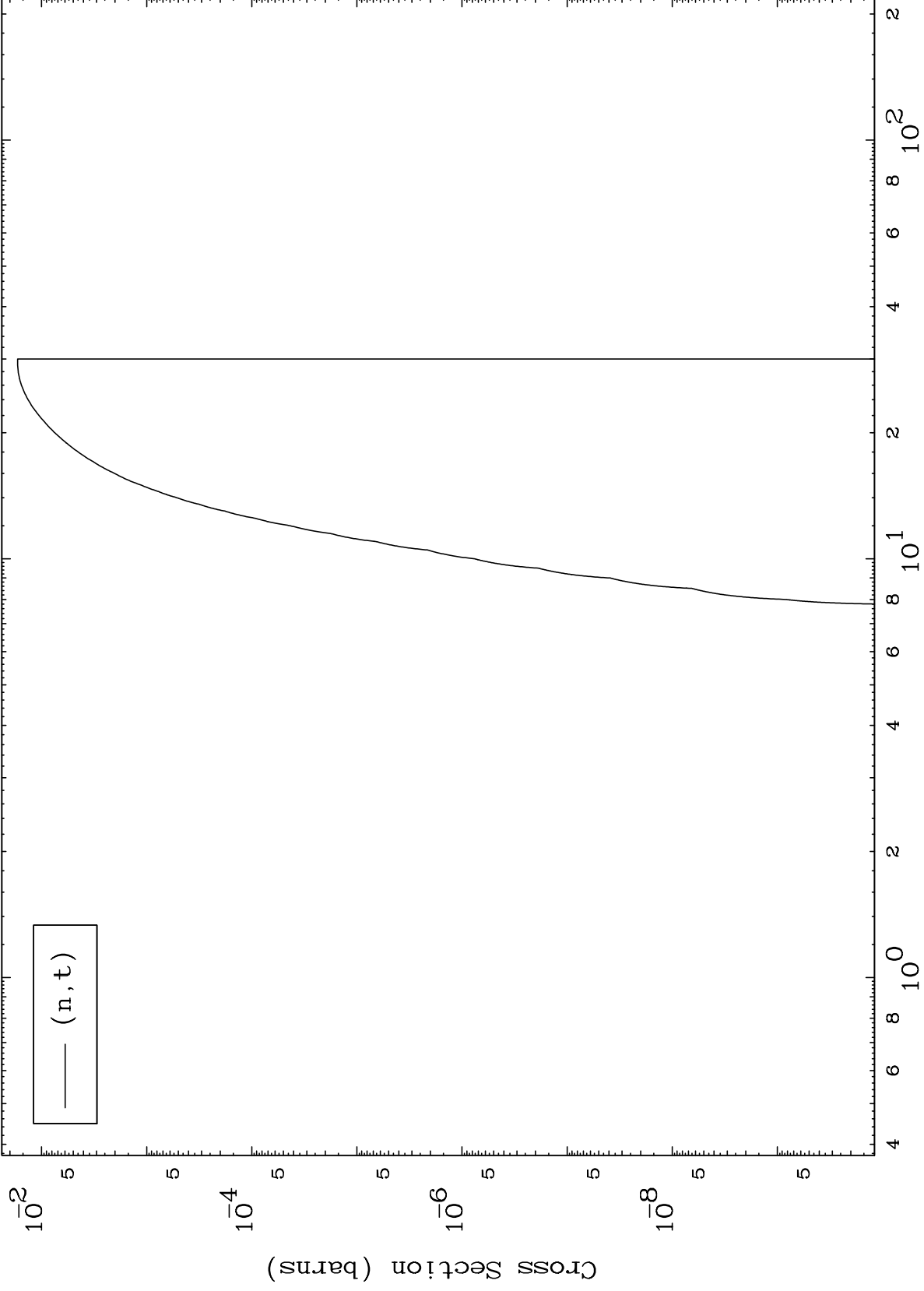
83-Bi-196



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(n,t) Levels  
293 Kelvin Cross Sections

83-Bi-196



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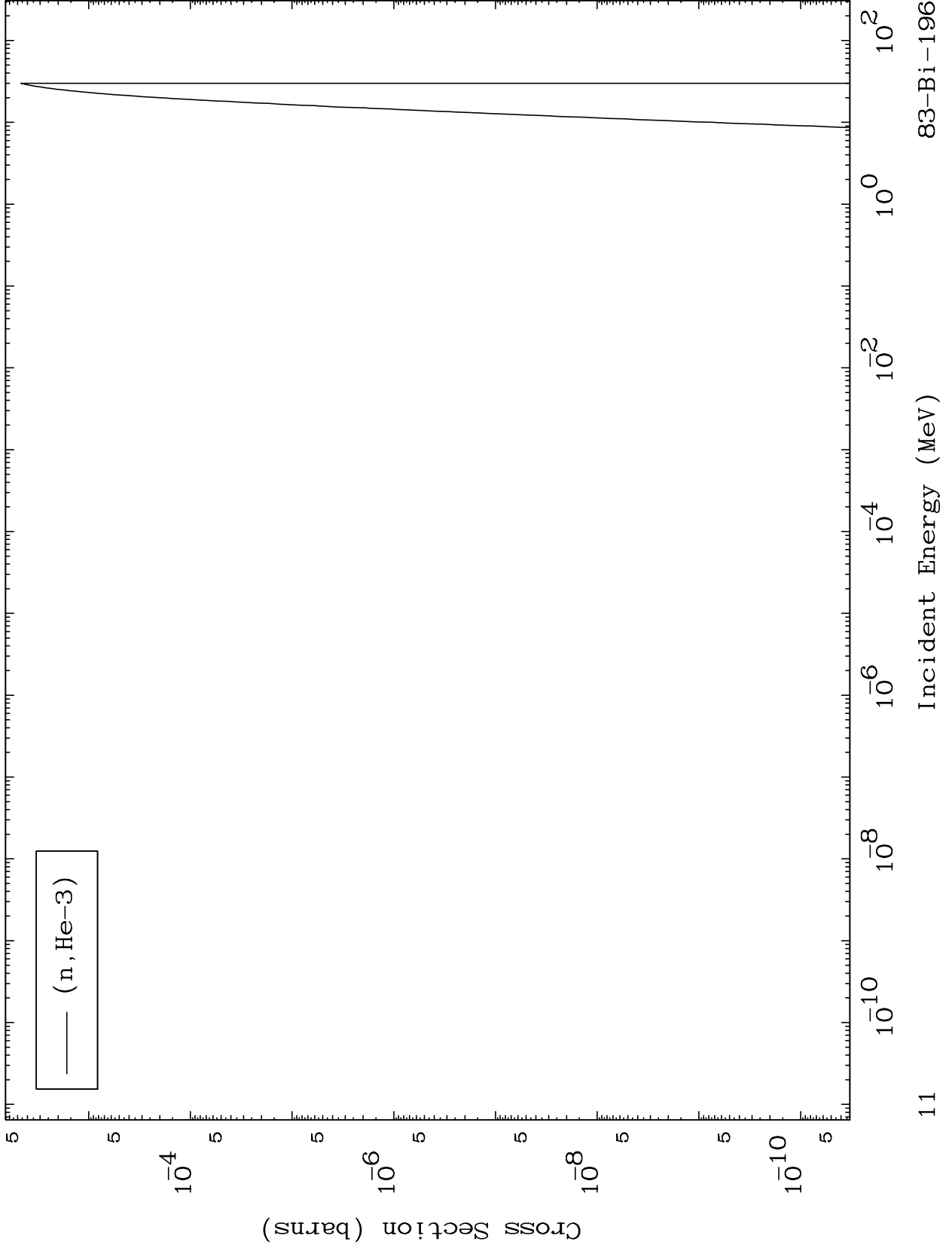
Incident Energy (MeV)

83-Bi-196

MAT 8287

(n,He3) Levels  
293 Kelvin Cross Sections

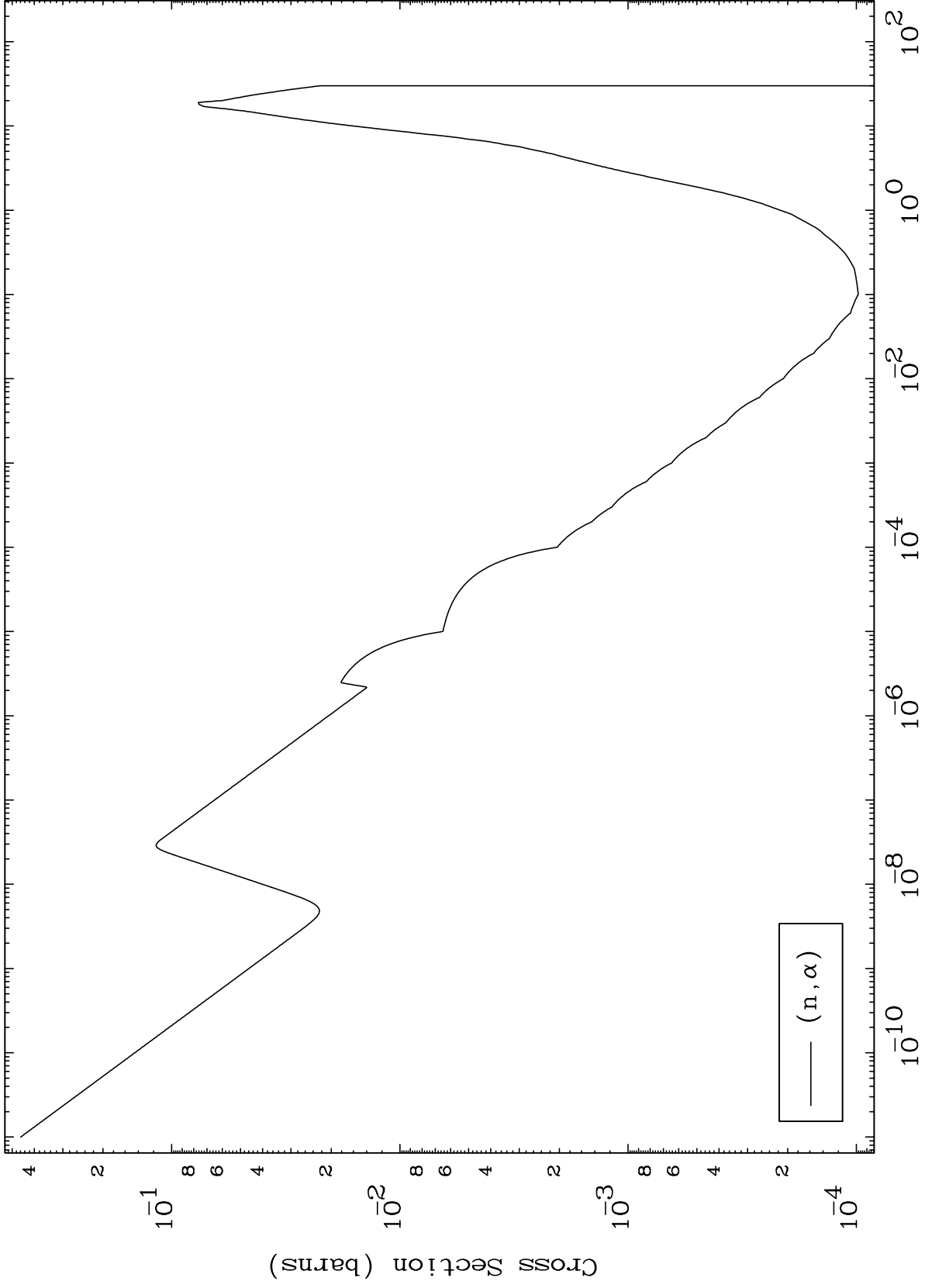
83-Bi-196



MAT 8287

(n,α) Levels  
293 Kelvin Cross Sections

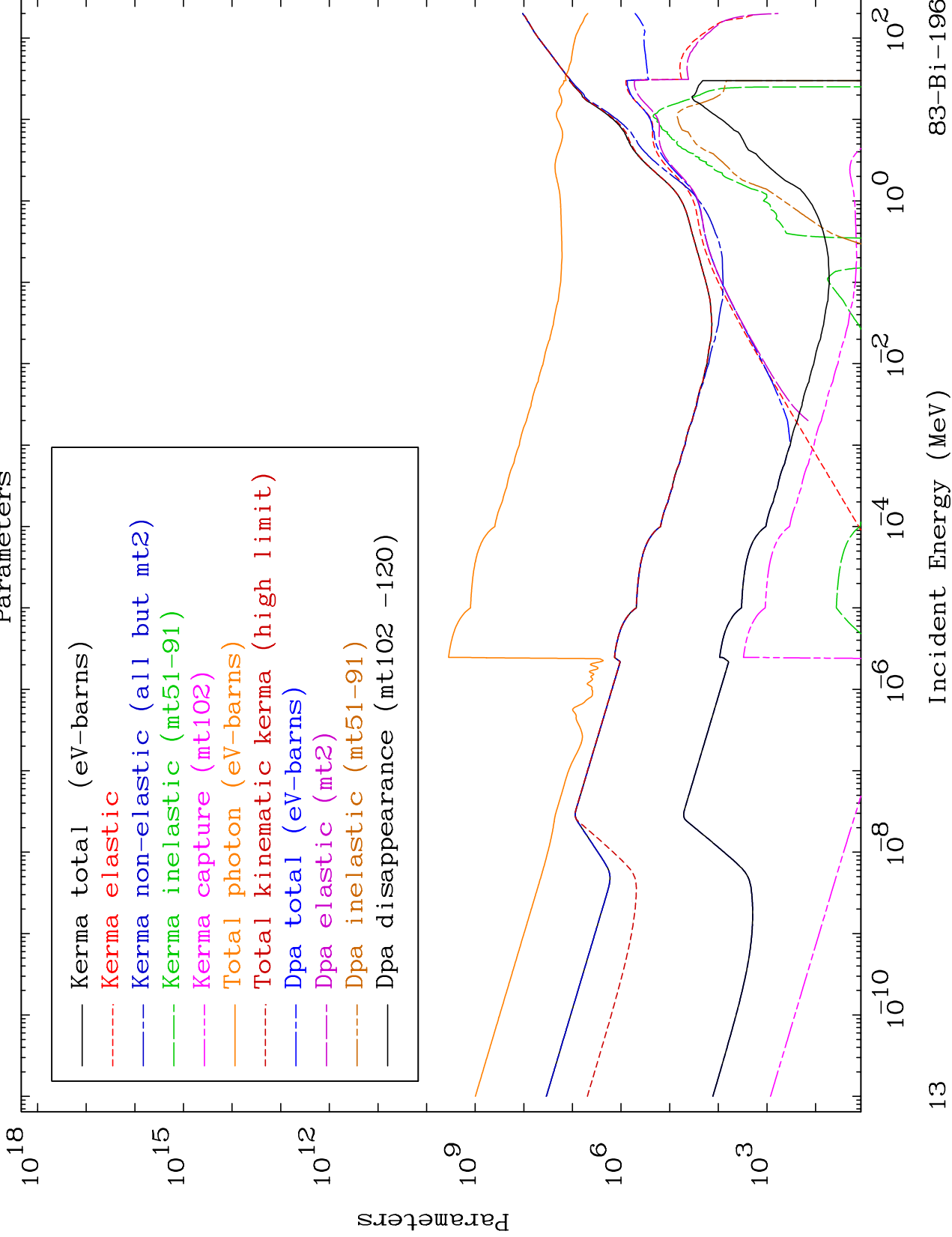
83-Bi-196



12

Incident Energy (MeV)

83-Bi-196

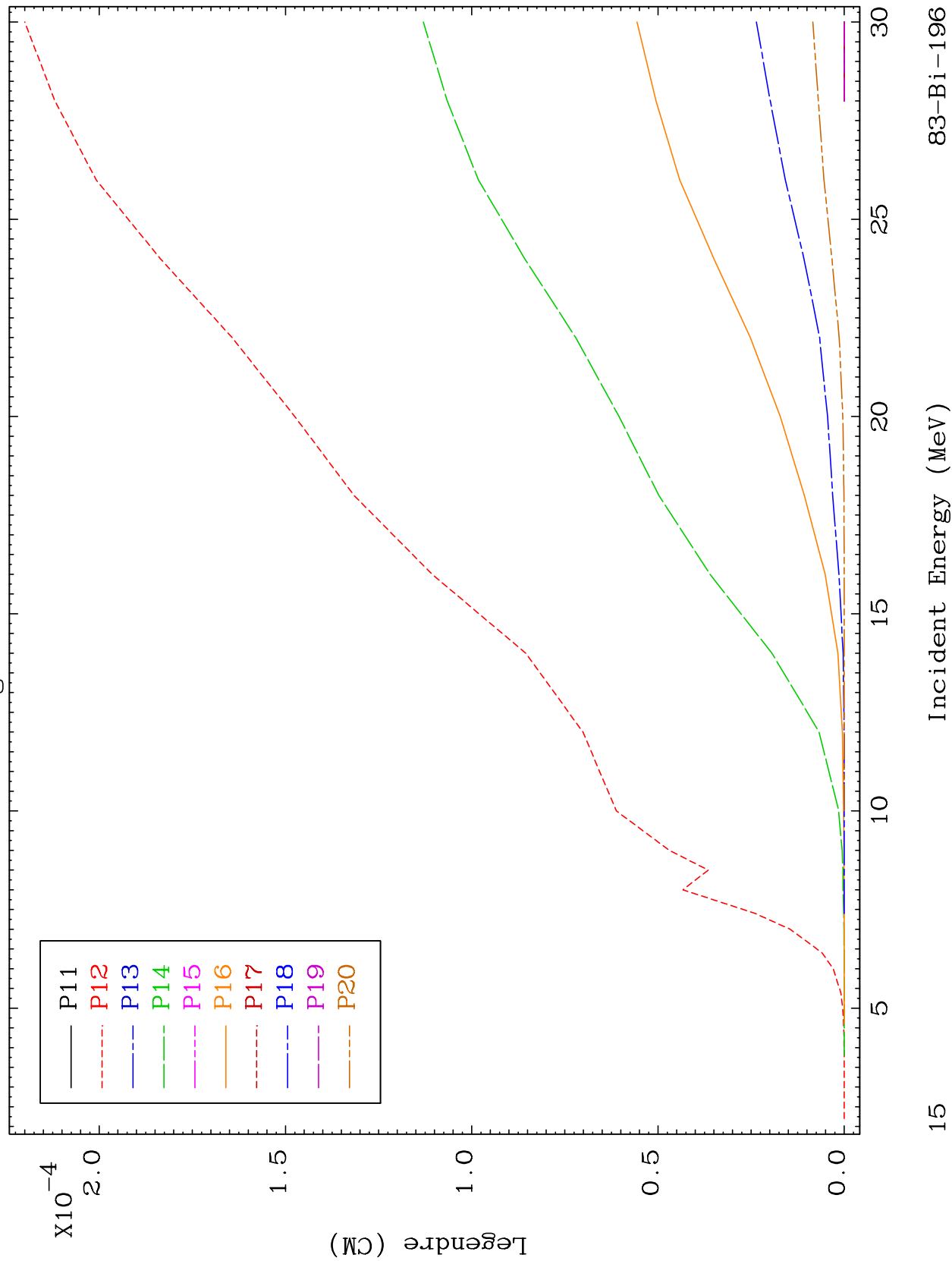




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Elastic Legendre Coefficients

83-Bi-196



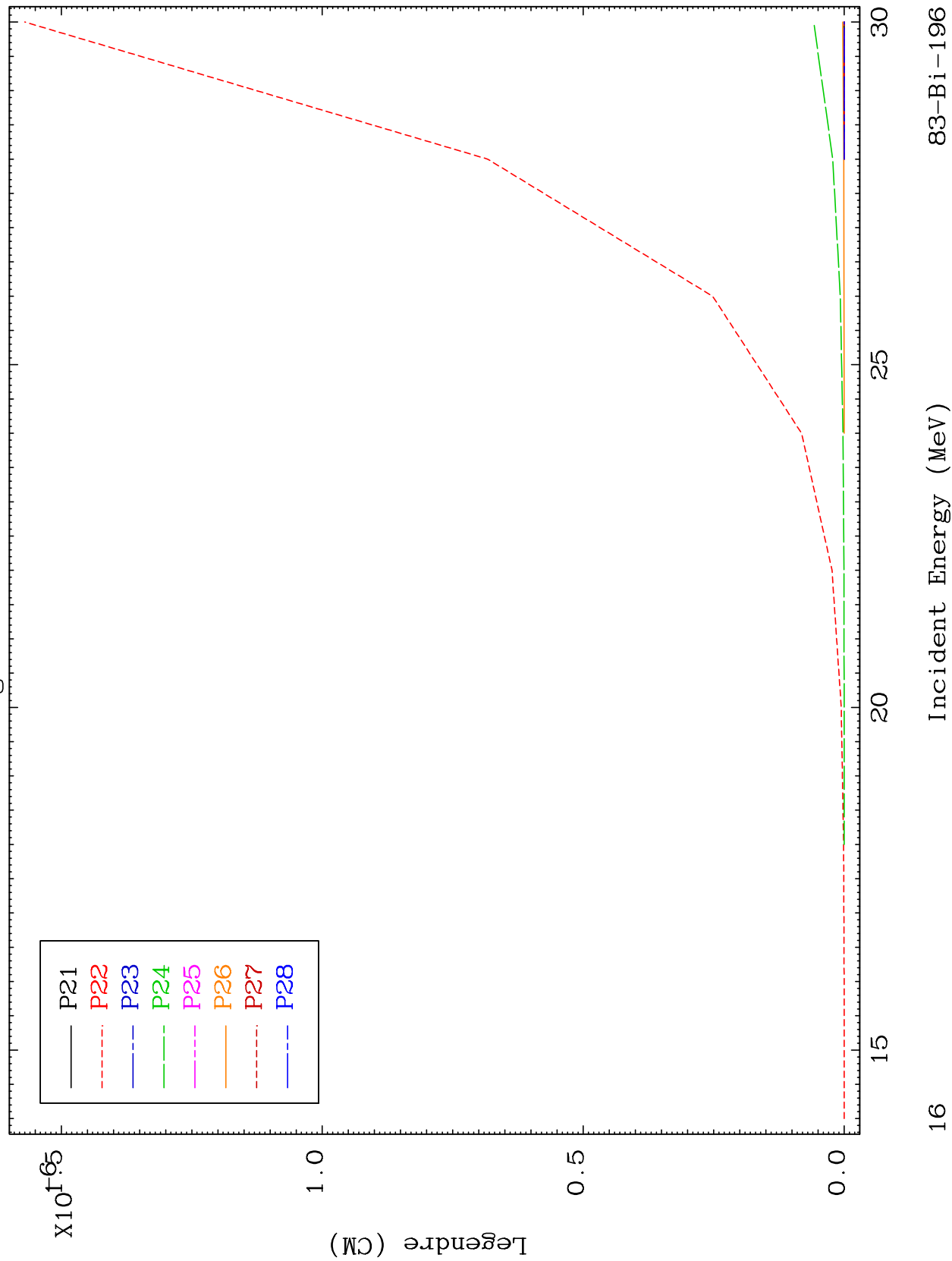
- P11
- P12
- P13
- P14
- P15
- P16
- P17
- P18
- P19
- P20



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Elastic Legendre Coefficients

83-Bi-196



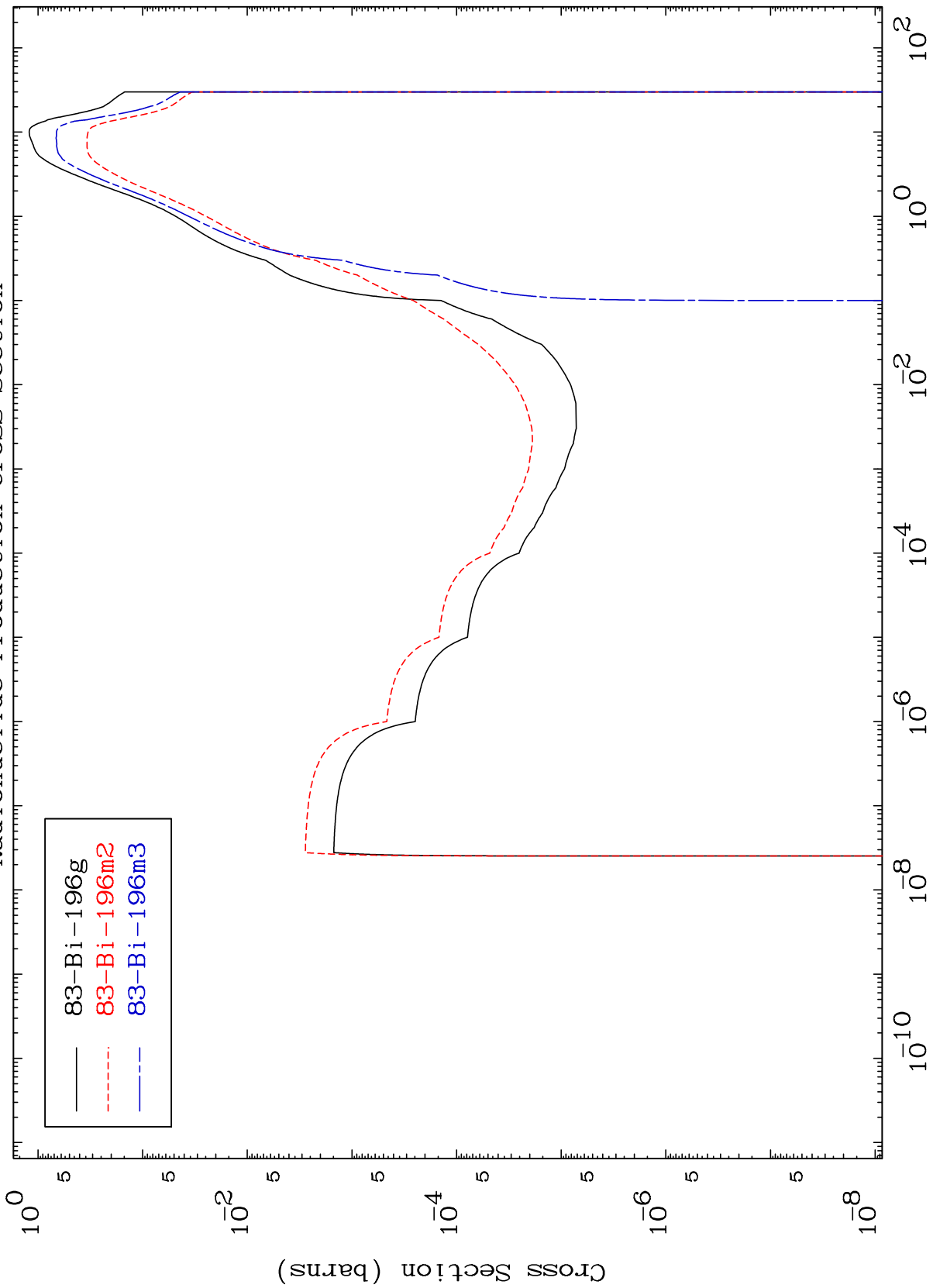
16

83-Bi-196

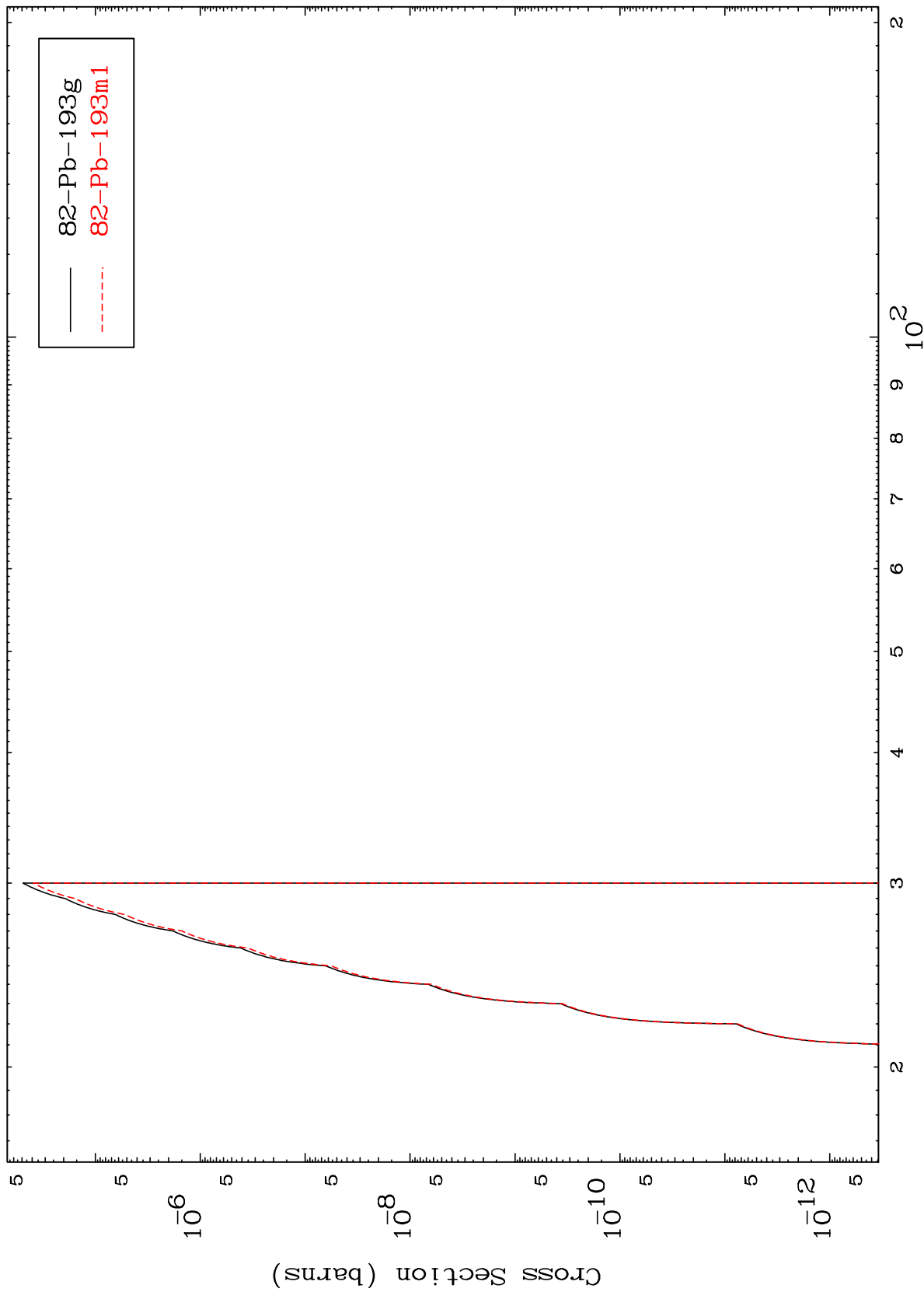
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Inelastic  
Radionuclide Production Cross Section

83-Bi-196



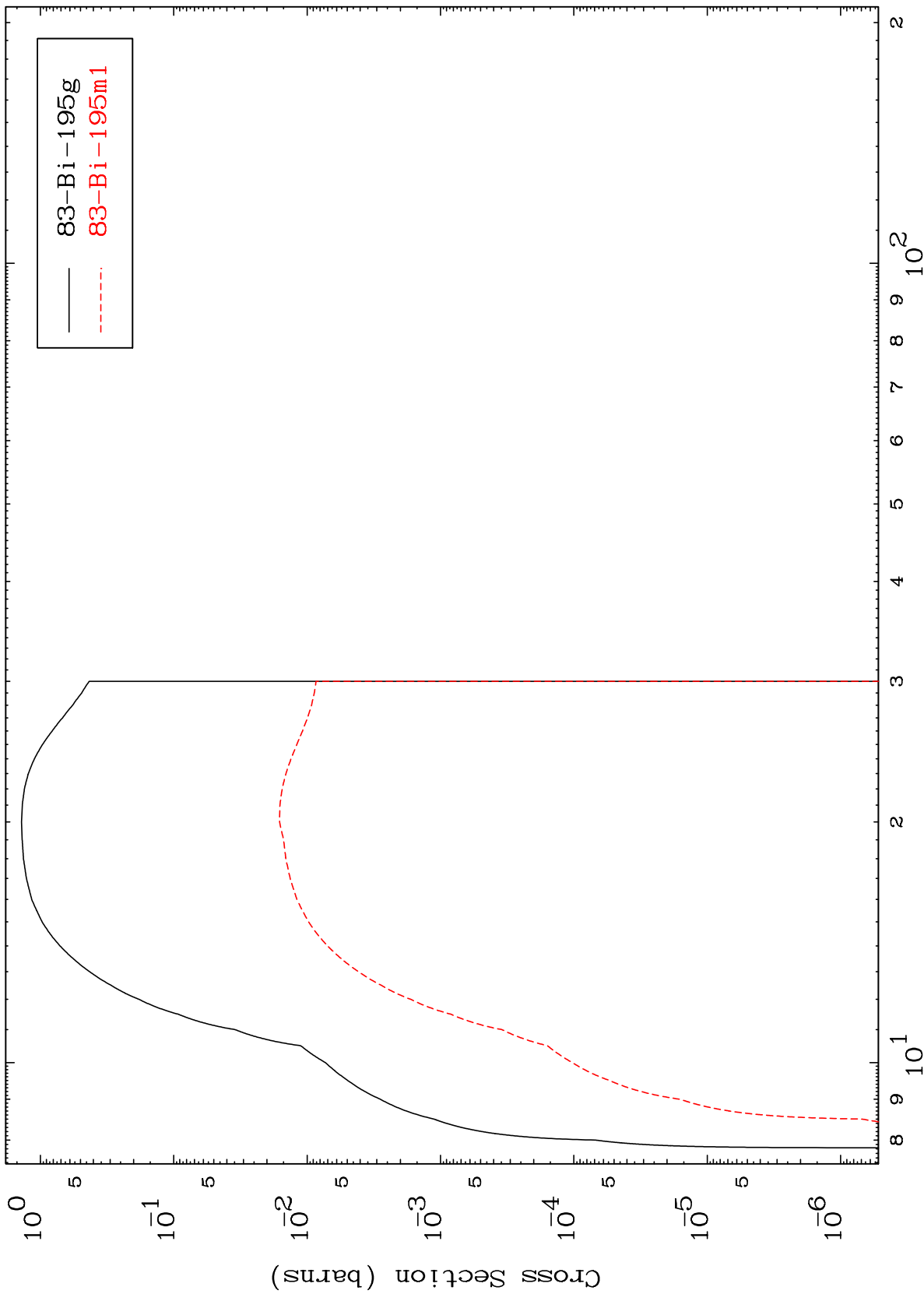
Radionuclide Production Cross Section



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83-Bi-196

(n,2n)  
Radionuclide Production Cross Section



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

19

Incident Energy (MeV)

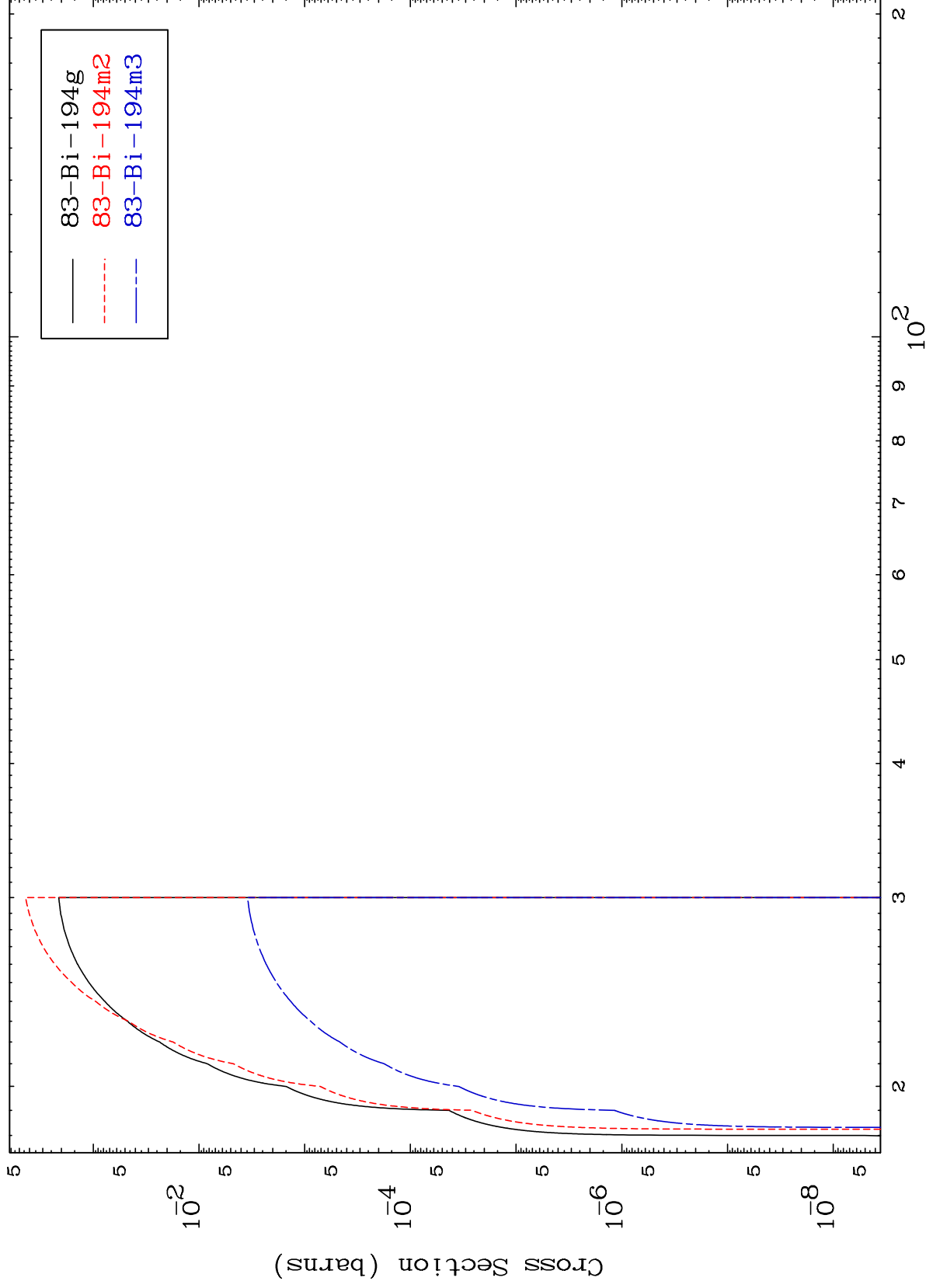
83-Bi-196

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(n,3n)

83-Bi-196

Radionuclide Production Cross Section



20

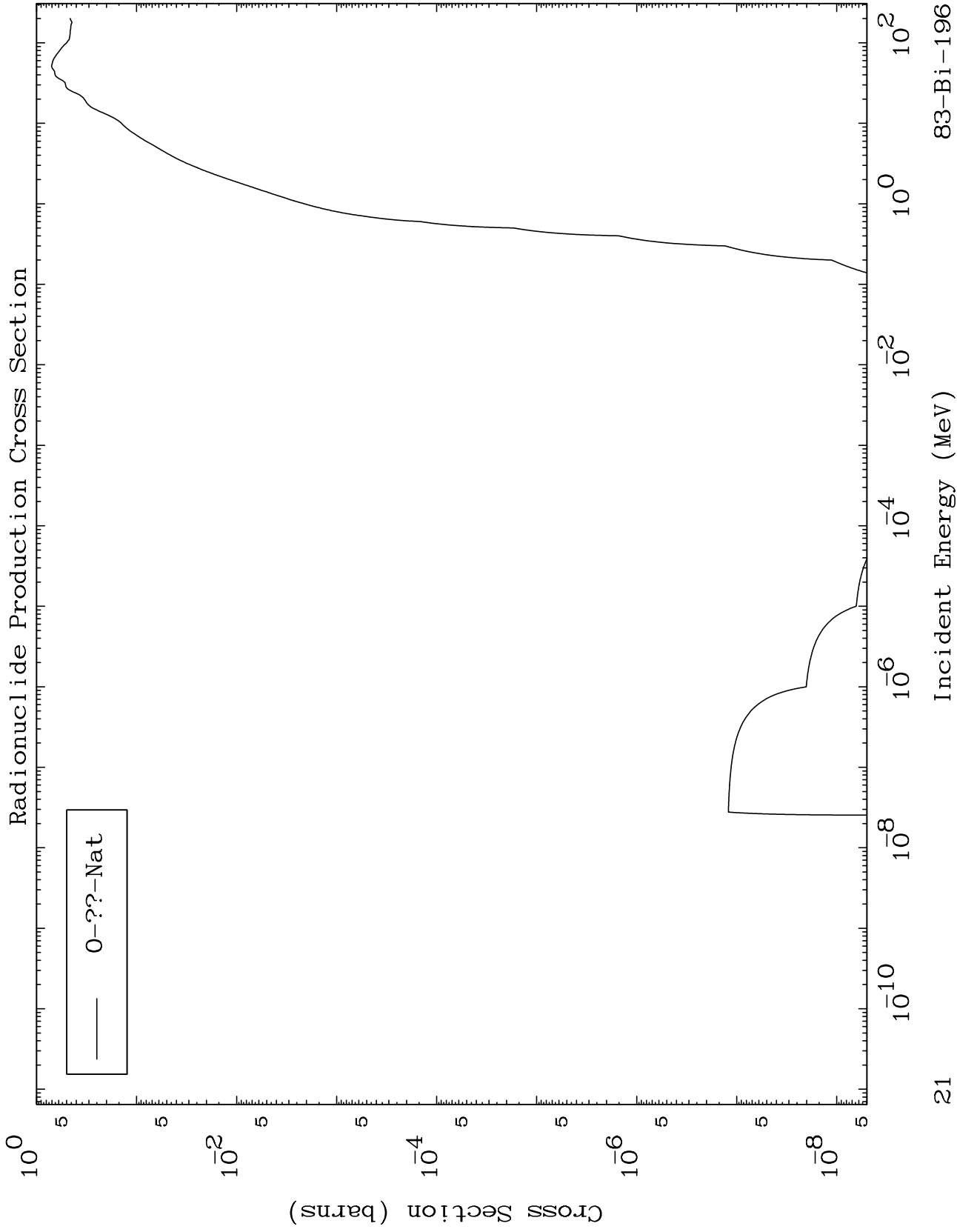
Incident Energy (MeV)

83-Bi-196

MAT 8287

Fission

83-Bi-196

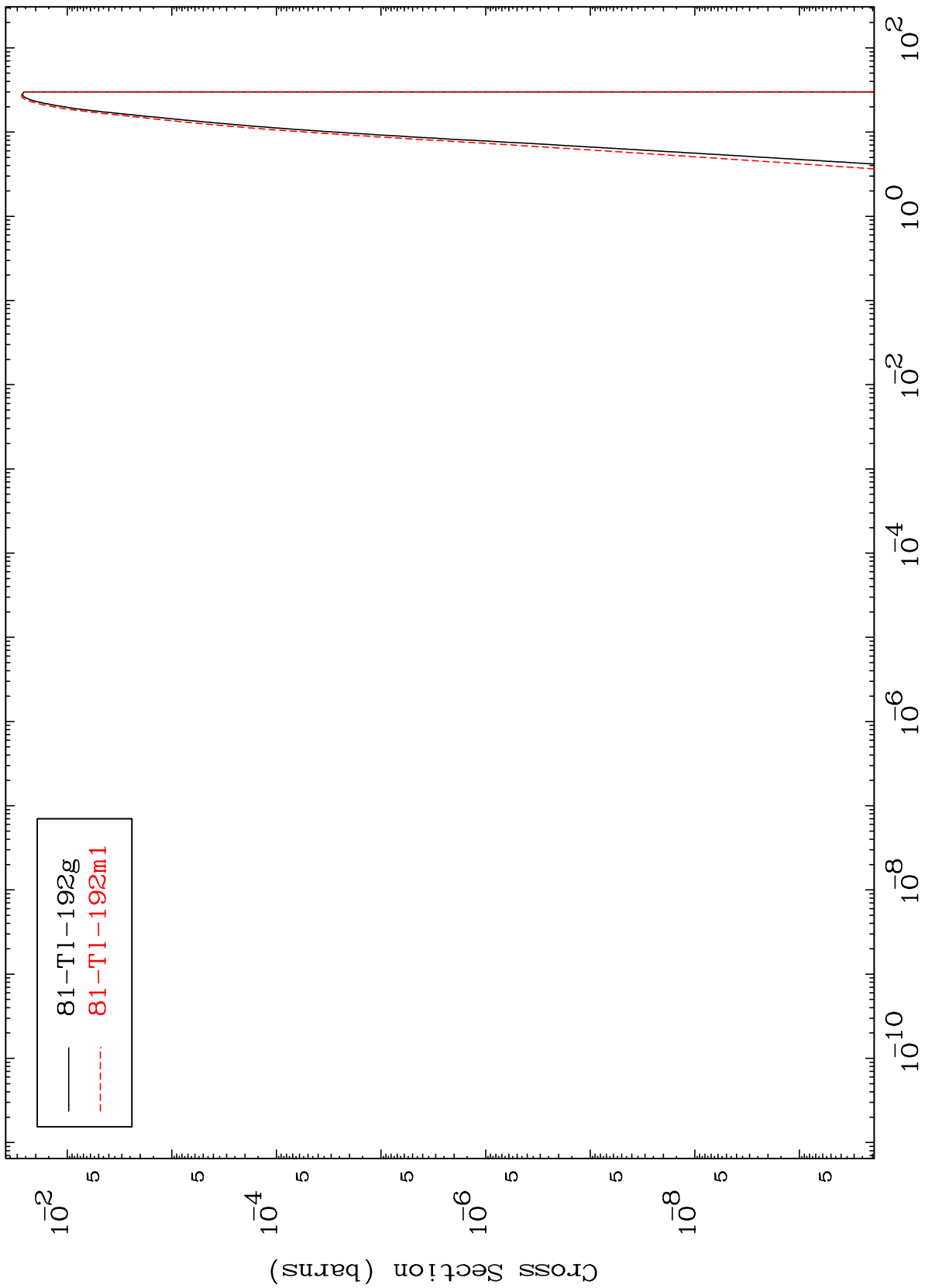


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$(n, n') \alpha$

83-Bi-196

Radionuclide Production Cross Section

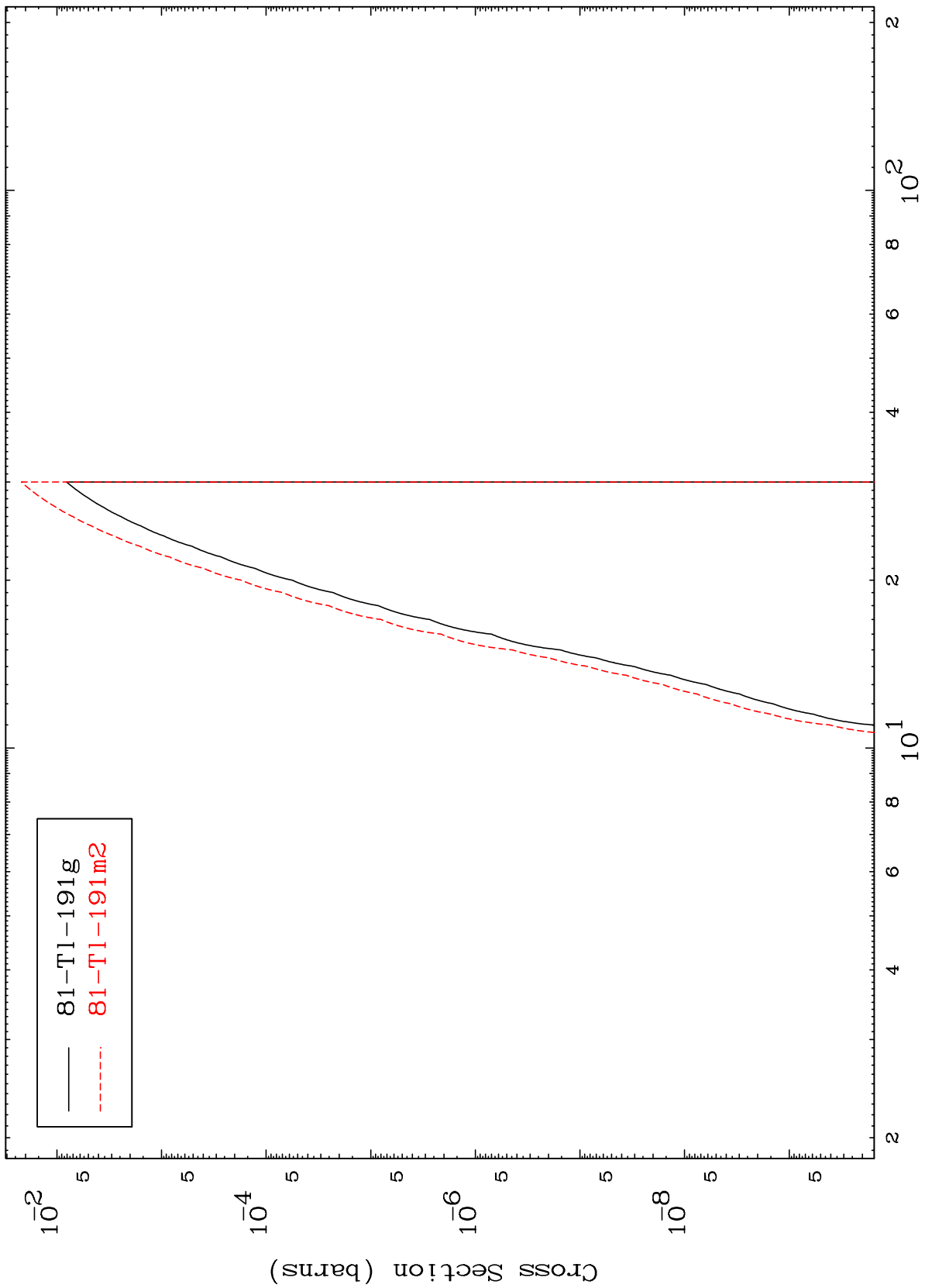


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$(n, 2n) \alpha$

83-Bi-196

Radionuclide Production Cross Section



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

23

Incident Energy (MeV)

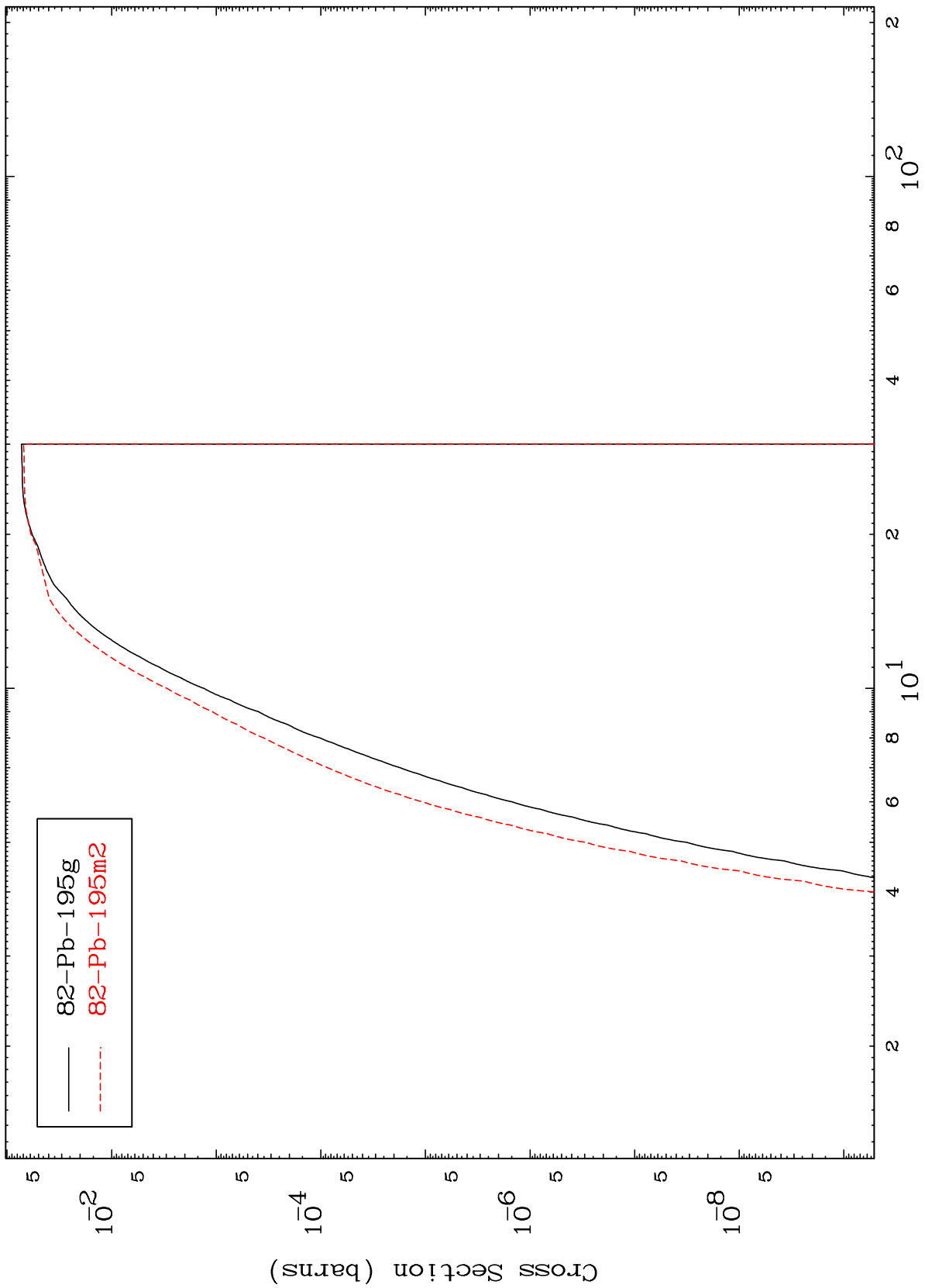
83-Bi-196



MAT 8287

83-Bi-196

(n,n') p  
Radionuclide Production Cross Section



— 82-Pb-195g  
- - - 82-Pb-195m2

83-Bi-196

Incident Energy (MeV)

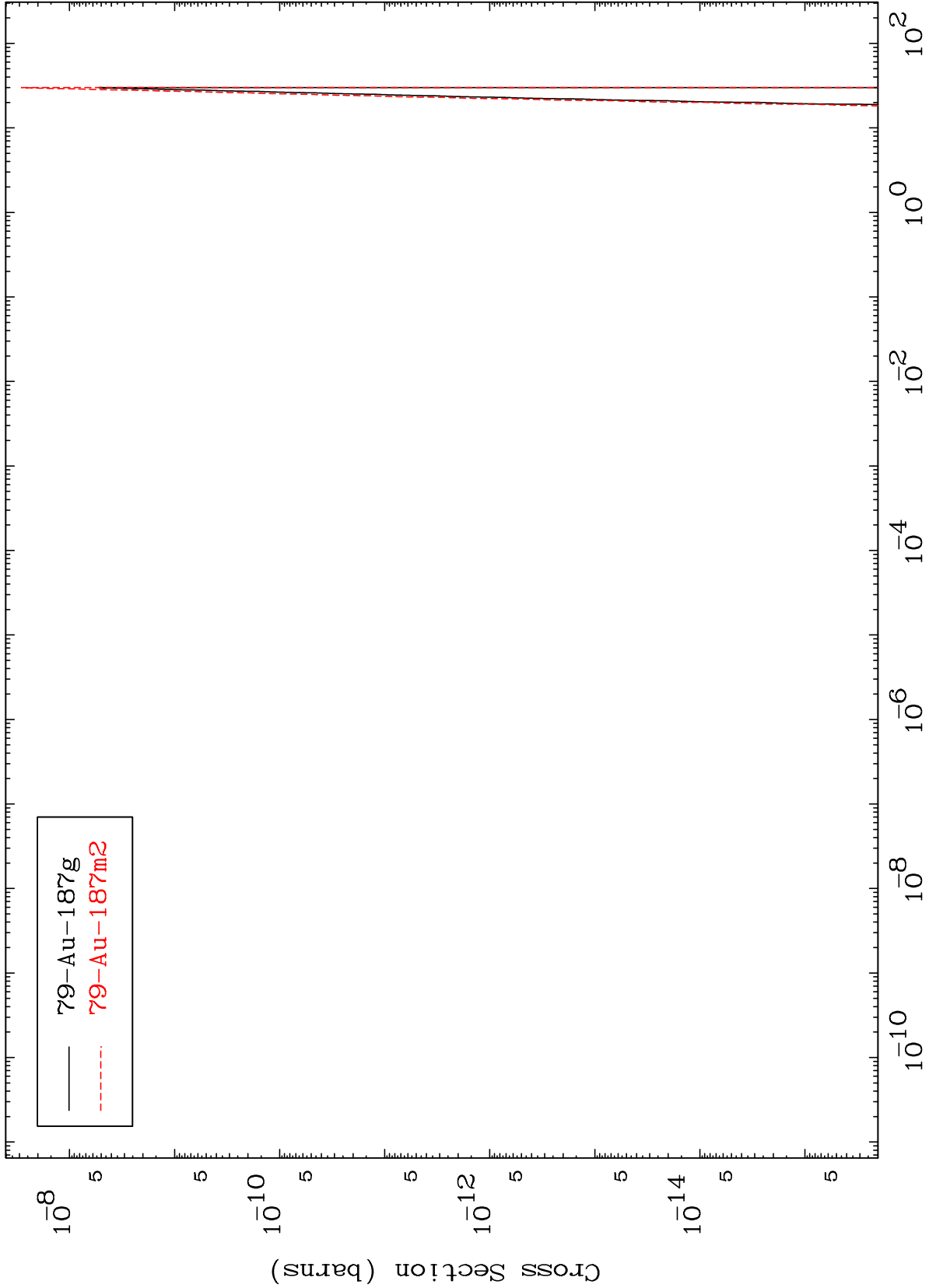
24

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$(n,2n) 2\alpha$

83-Bi-196

Radionuclide Production Cross Section



25

Incident Energy (MeV)

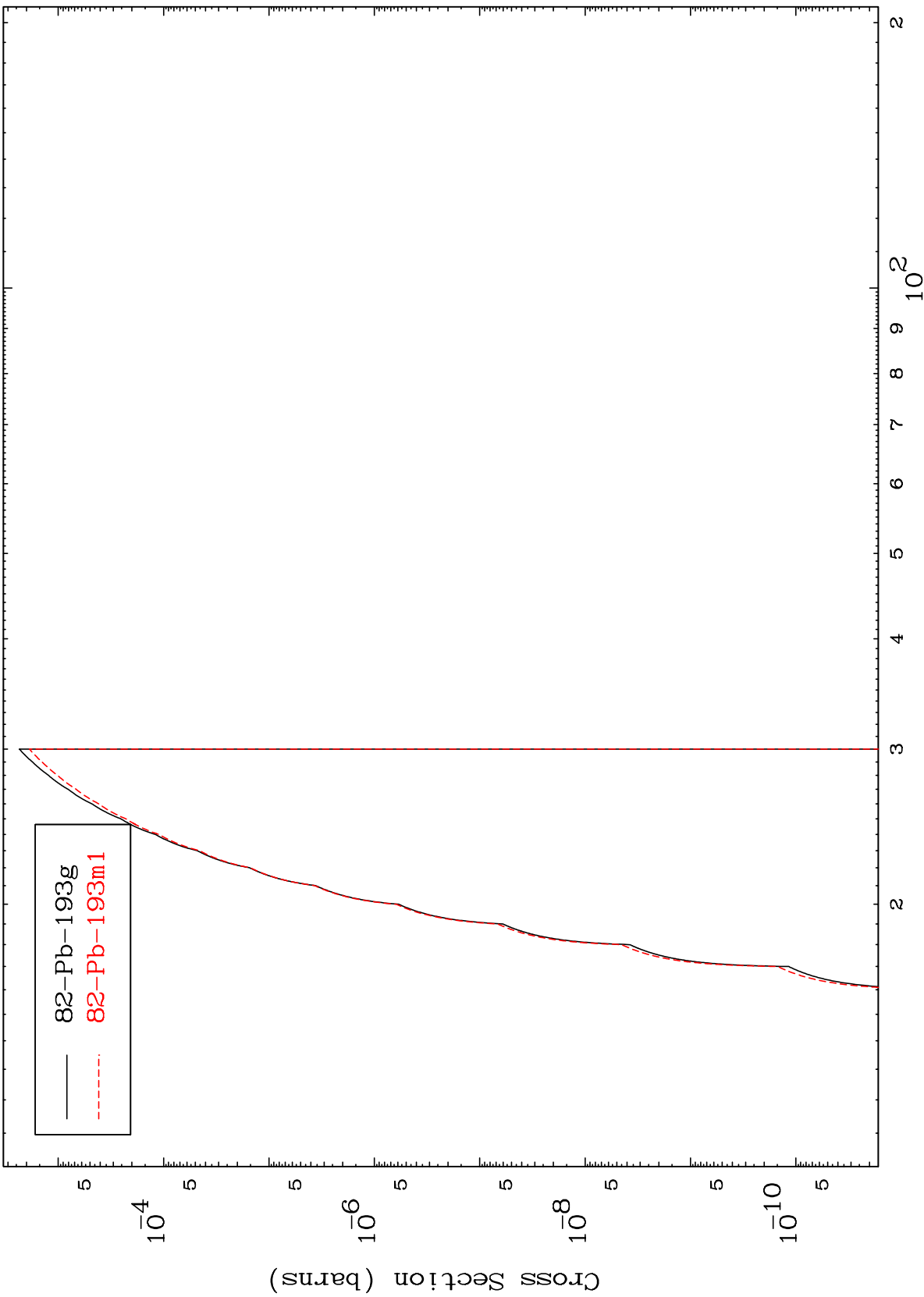
83-Bi-196

MAT 8287

(n,n') t

83-Bi-196

Radionuclide Production Cross Section

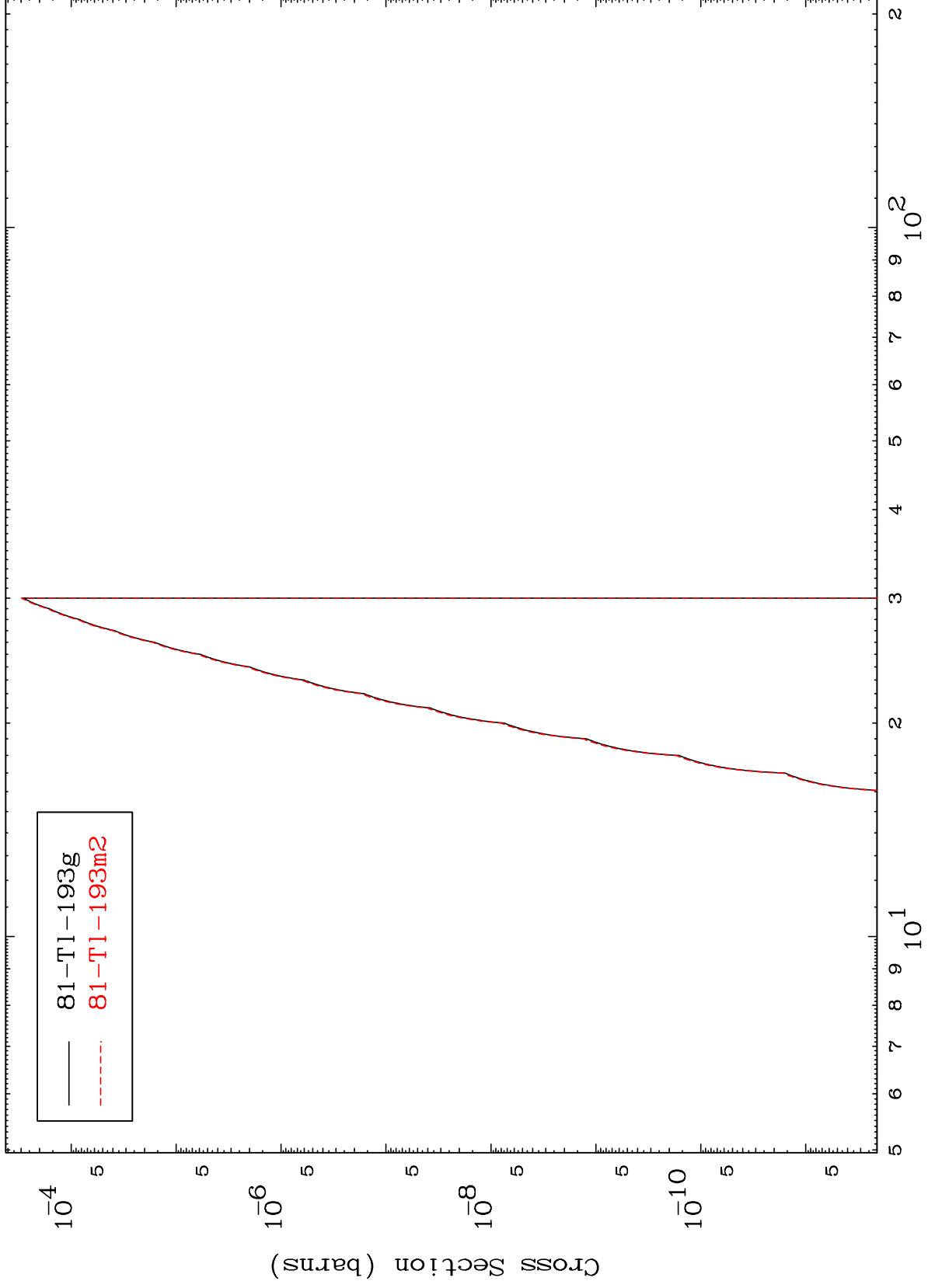


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(n,n') He-3

83-Bi-196

Radionuclide Production Cross Section



27

Incident Energy (MeV)

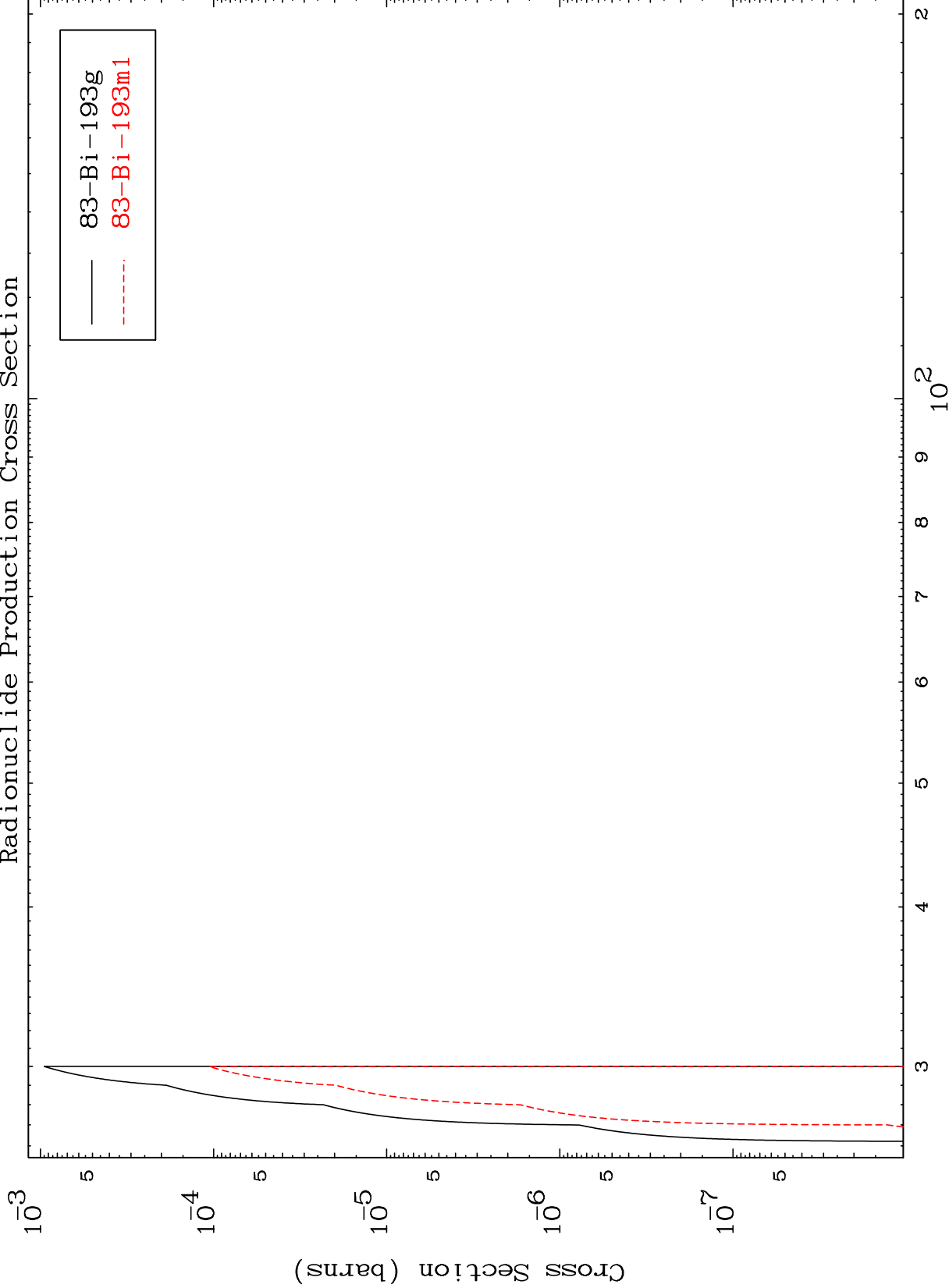
83-Bi-196

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(n,4n)

83-Bi-196

Radionuclide Production Cross Section



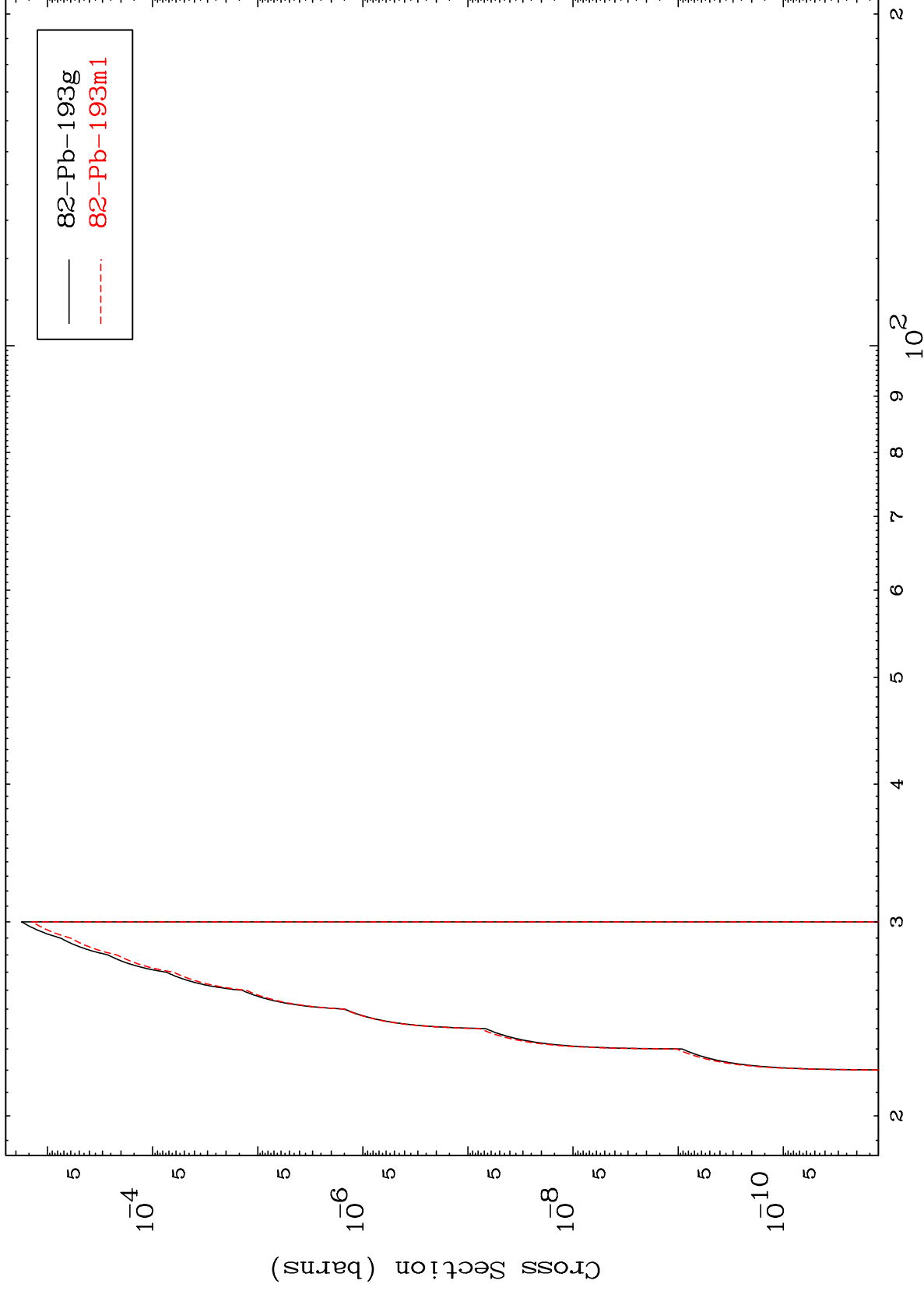
83-Bi-193g  
83-Bi-193m1

MAT 8287

(n,3n) p

83-Bi-196

Radionuclide Production Cross Section



29

Incident Energy (MeV)

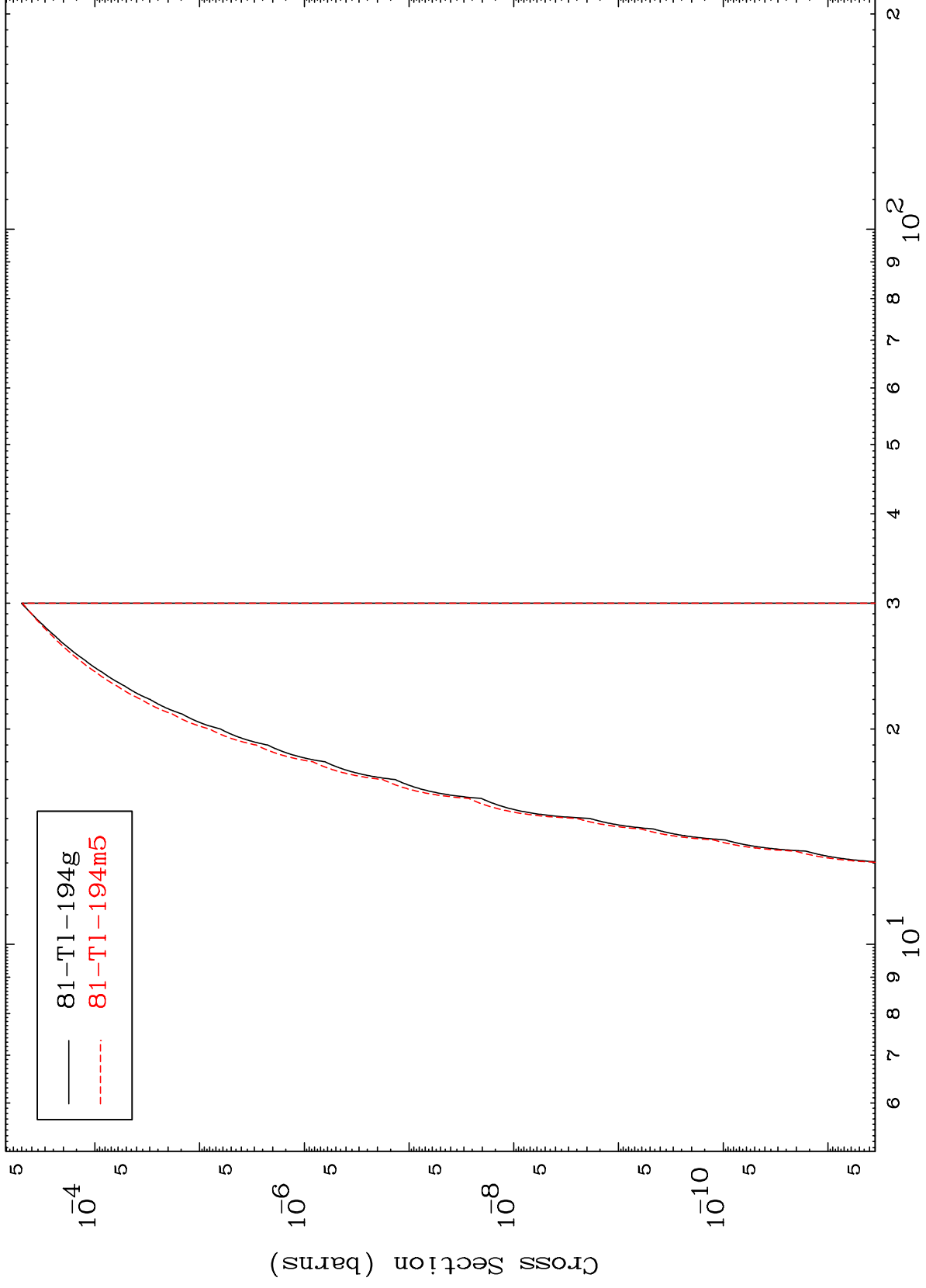
83-Bi-196

MAT 8287

(n,2n) p

83-Bi-196

Radionuclide Production Cross Section



30

Incident Energy (MeV)

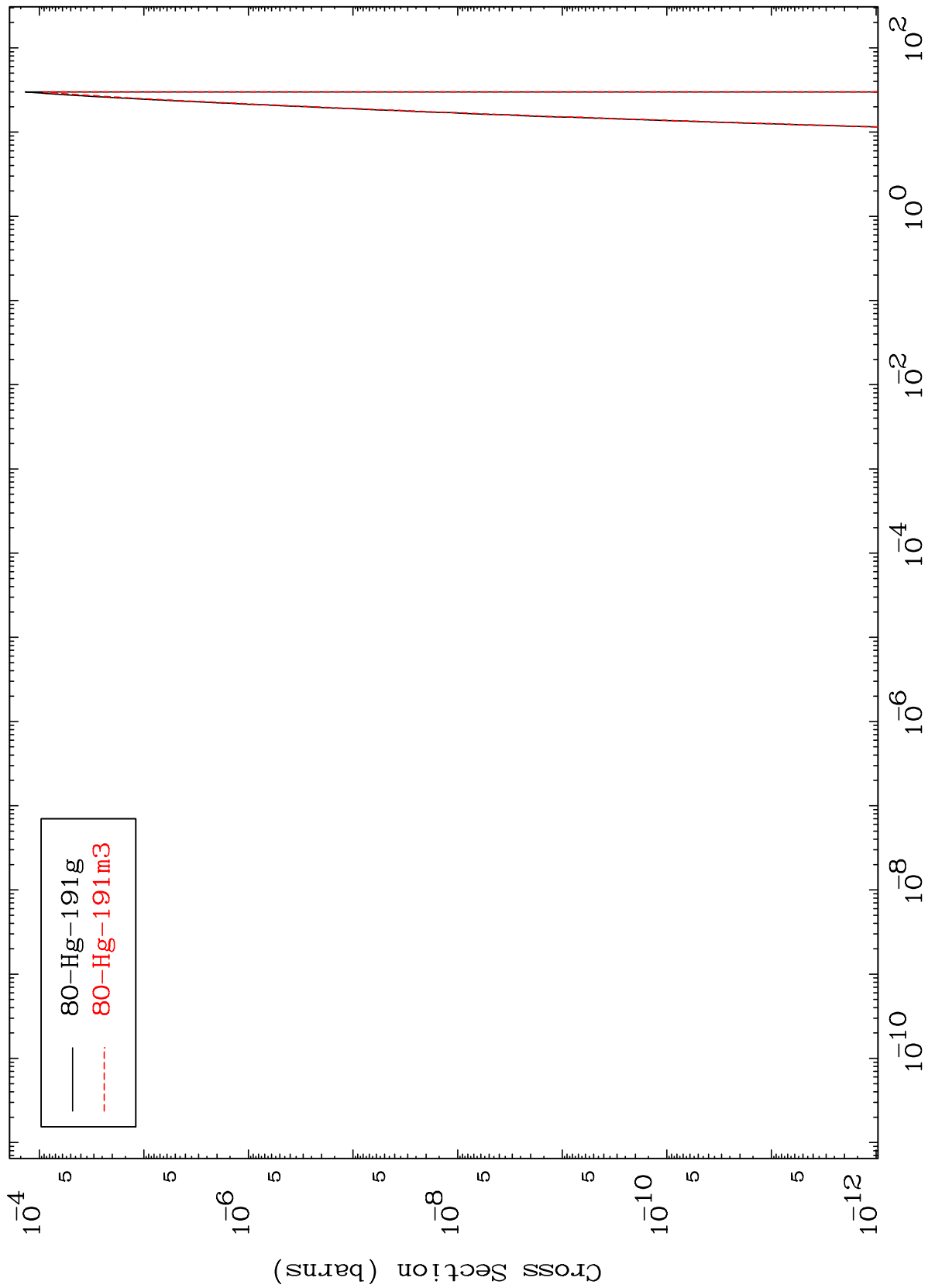
83-Bi-196

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(n,n') p  $\alpha$

83-Bi-196

Radionuclide Production Cross Section

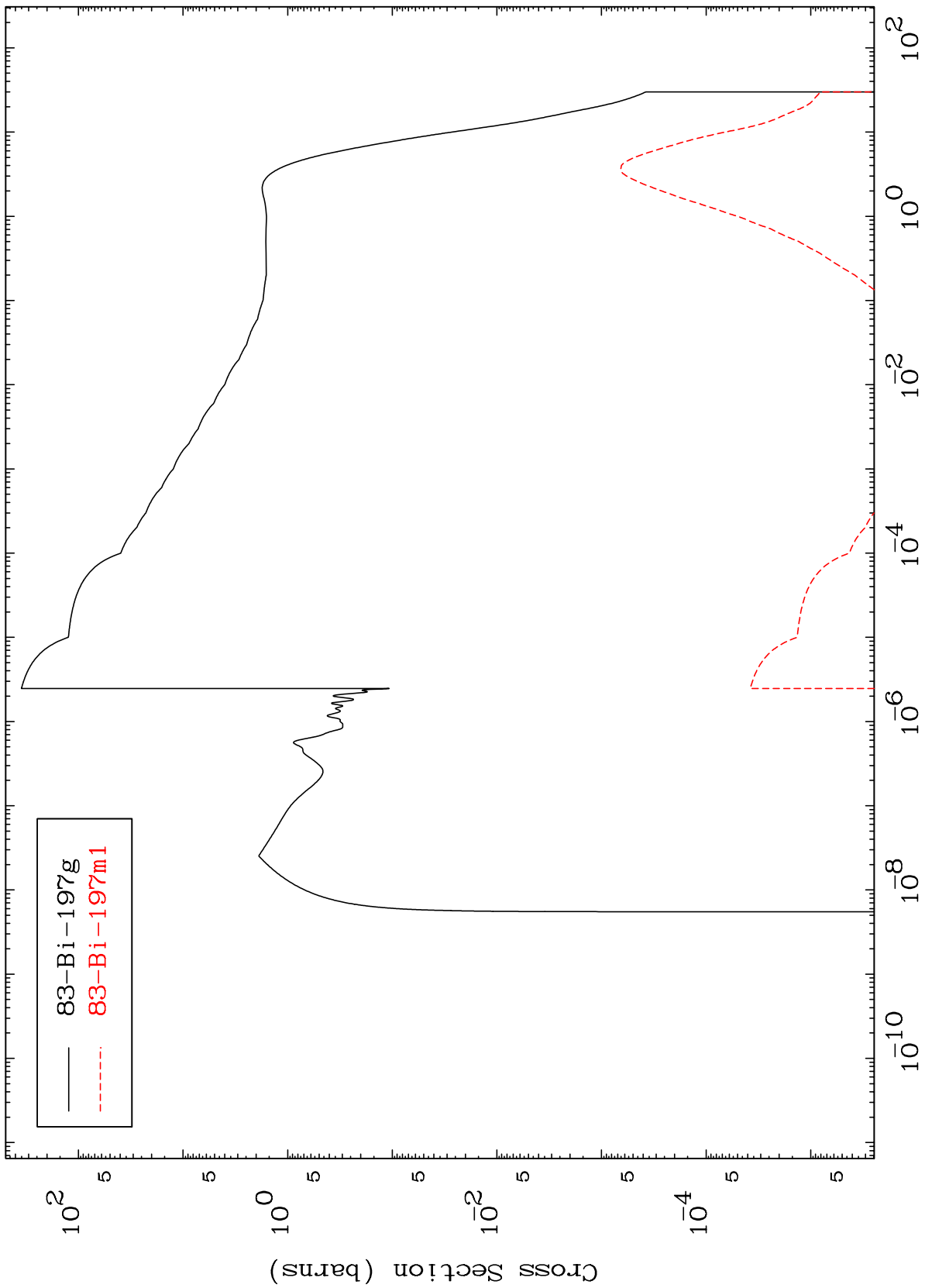




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83-Bi-196

(n,γ)  
Radionuclide Production Cross Section



83-Bi-196

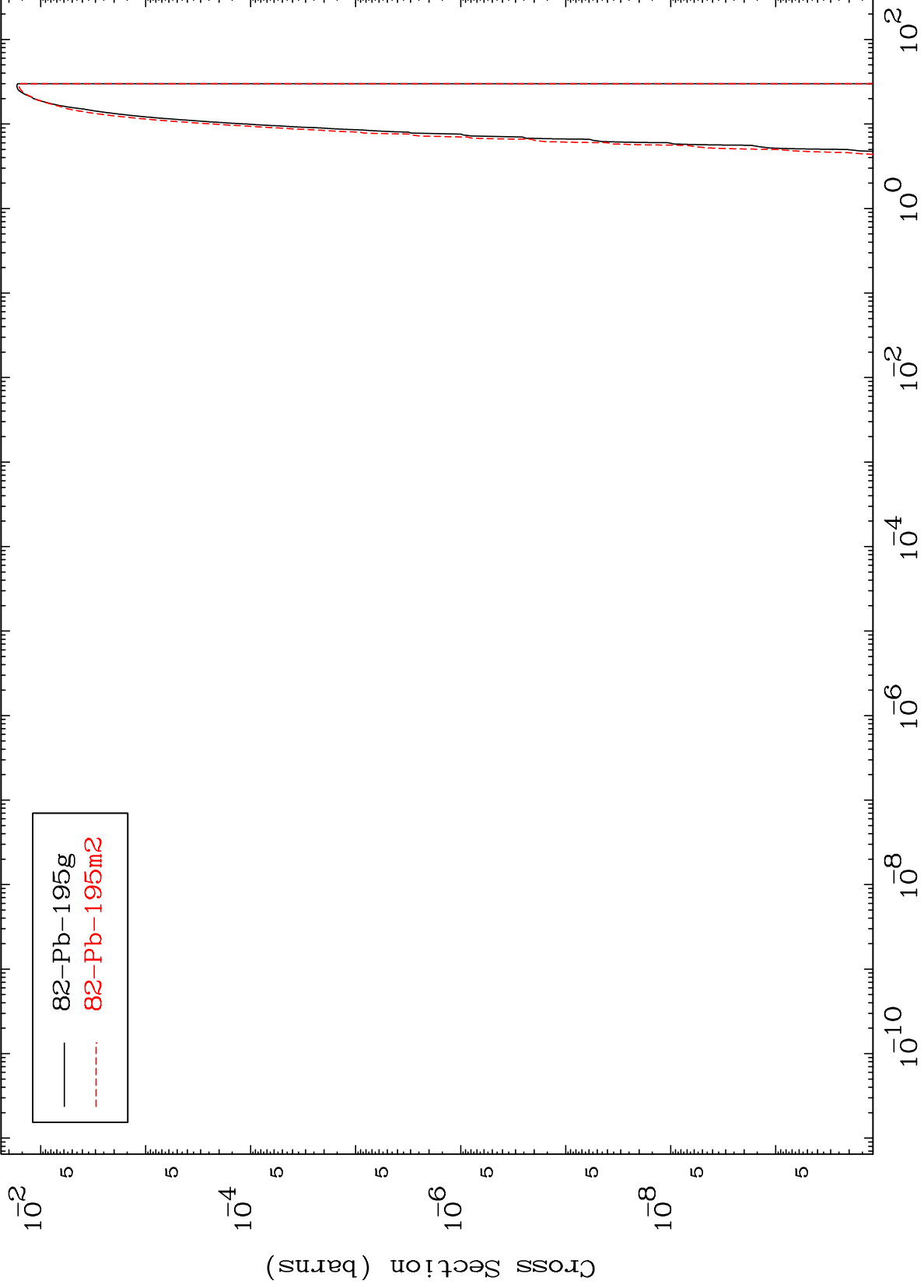
Incident Energy (MeV)

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(n,d)

83-Bi-196

Radionuclide Production Cross Section



33

Incident Energy (MeV)

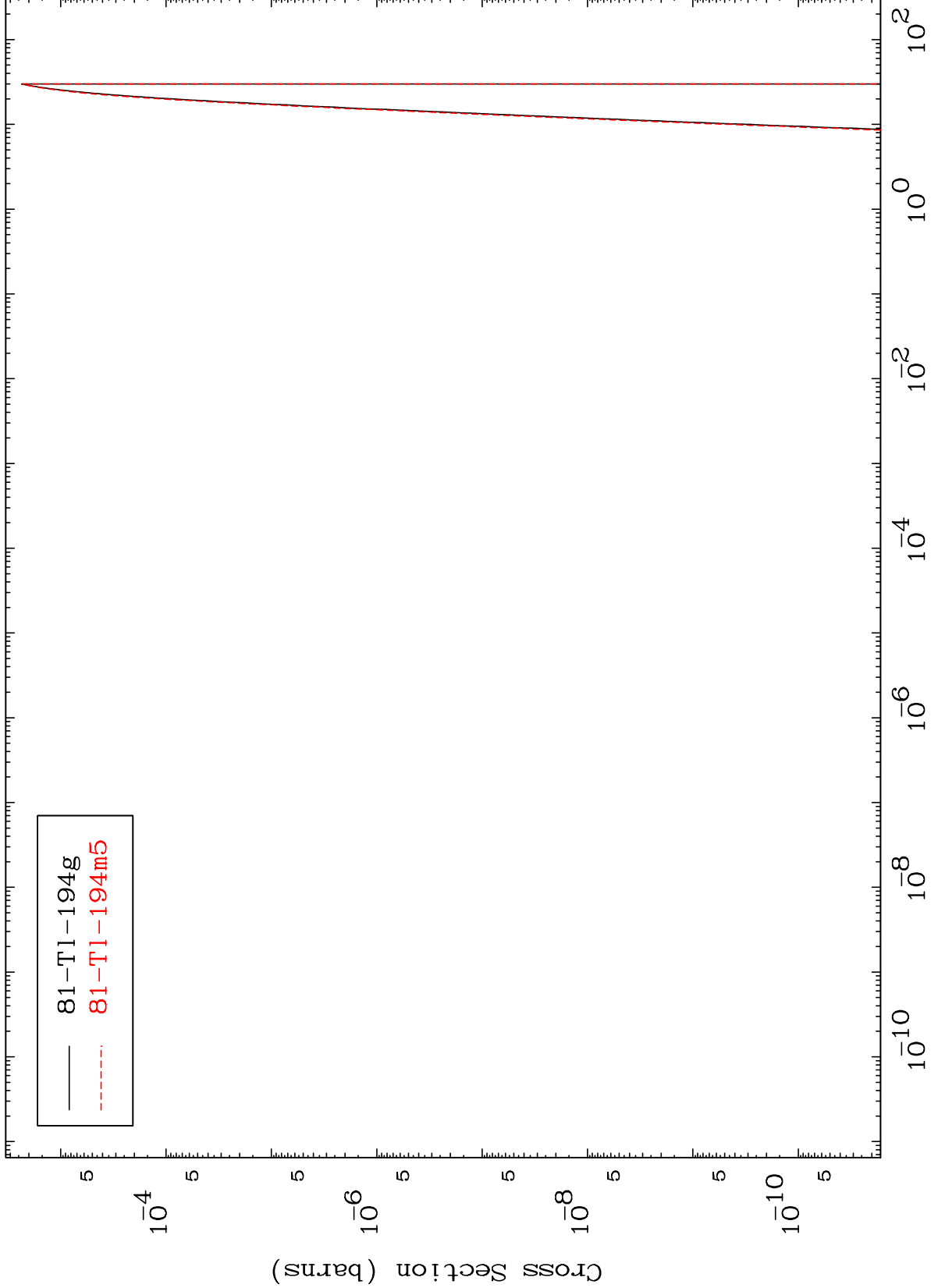
83-Bi-196

MAT 8287

(n,He-3)

83-Bi-196

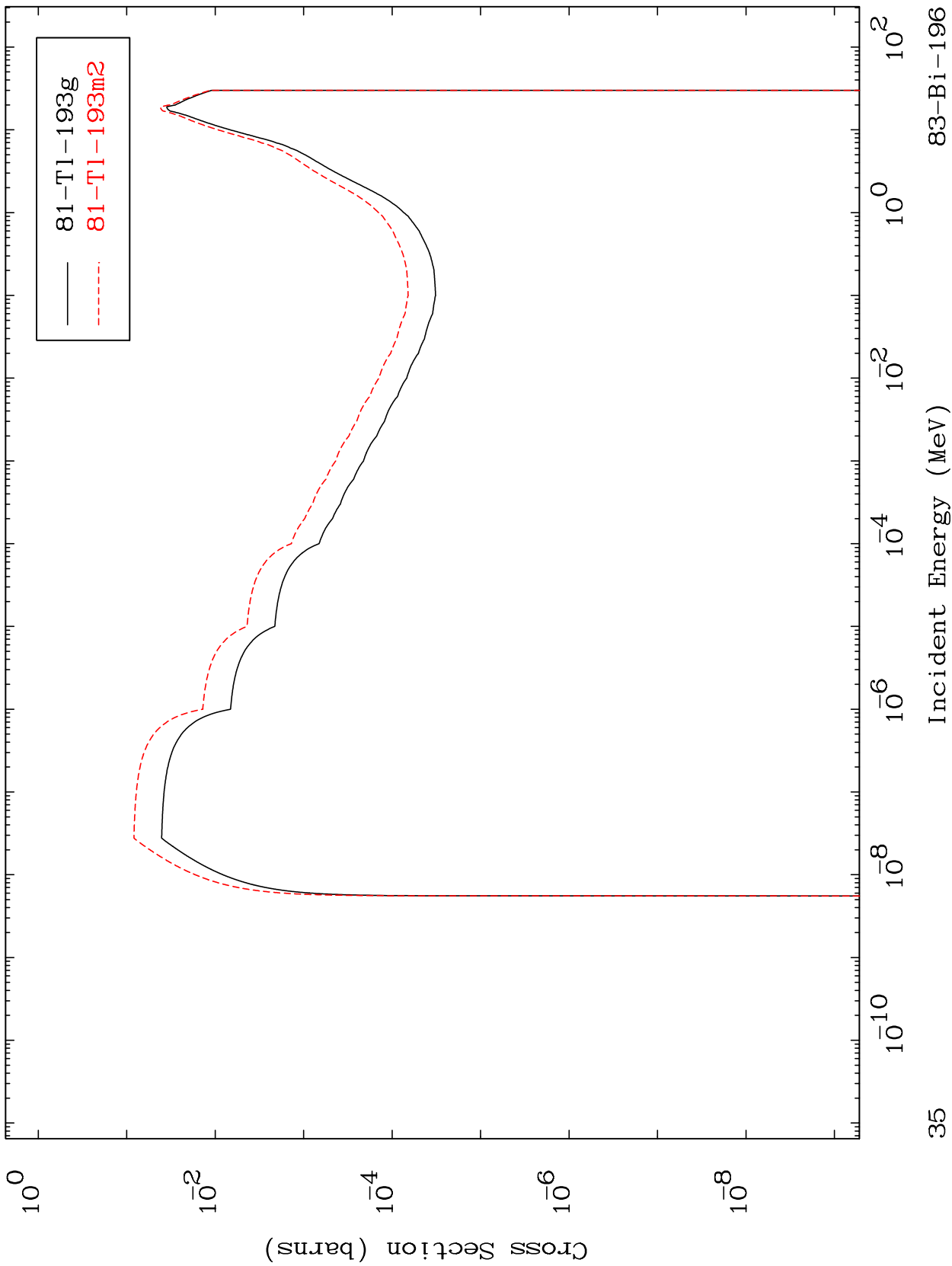
Radionuclide Production Cross Section



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83-Bi-196

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



35

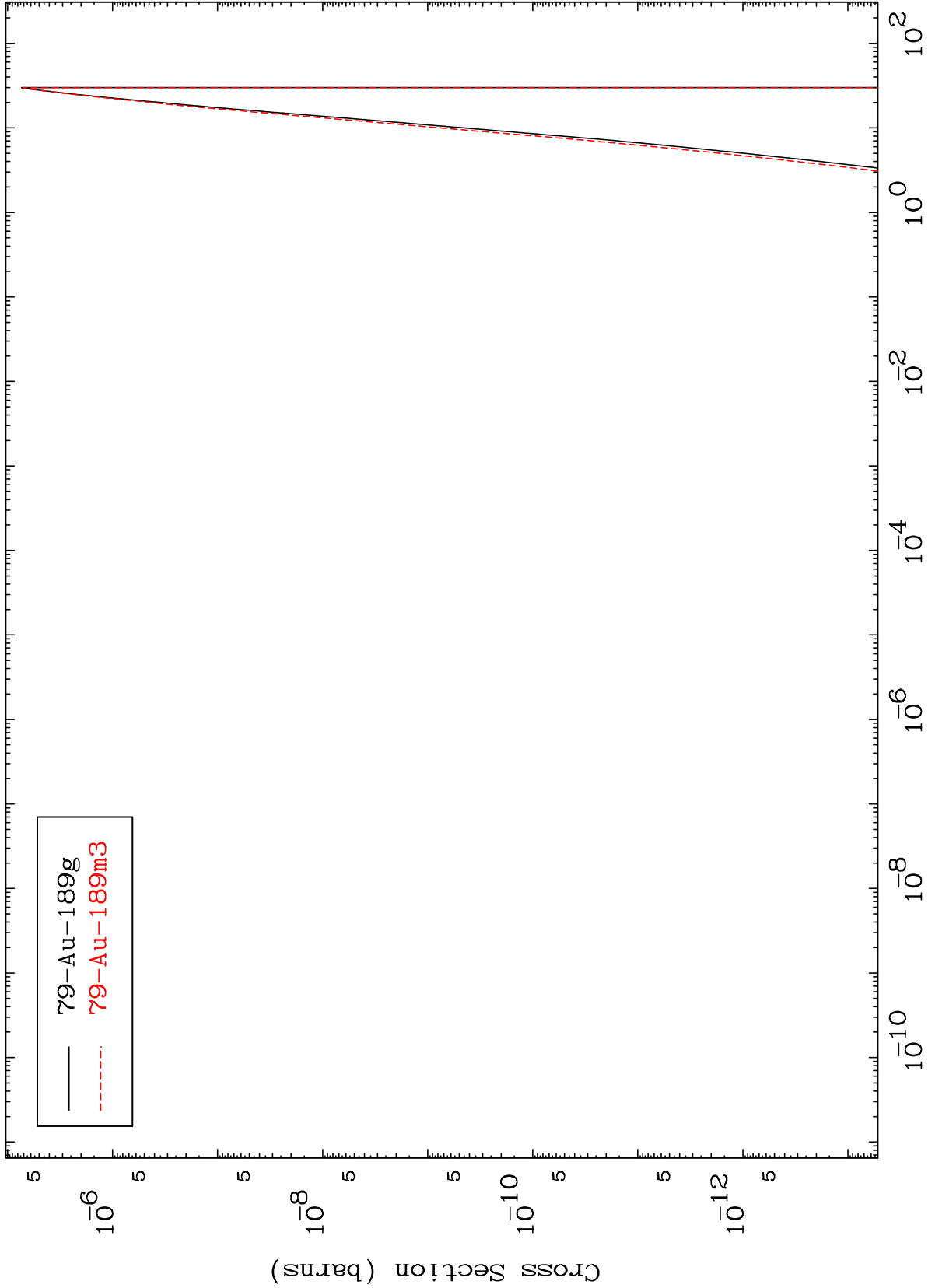
83-Bi-196

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(n,2α)

83-Bi-196

Radionuclide Production Cross Section



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

Incident Energy (MeV)

83-Bi-196

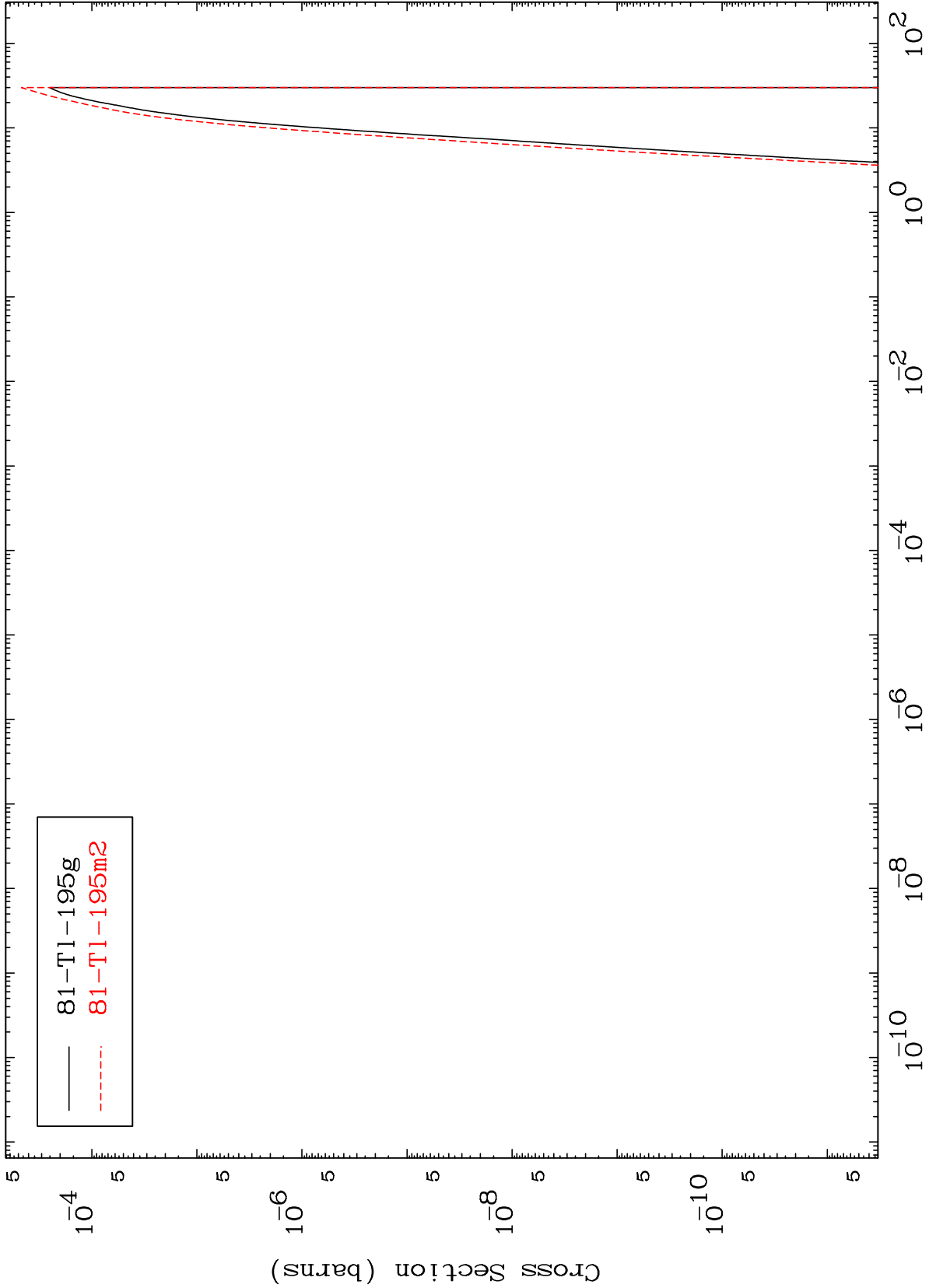
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(n,2p)

83-Bi-196

Radionuclide Production Cross Section



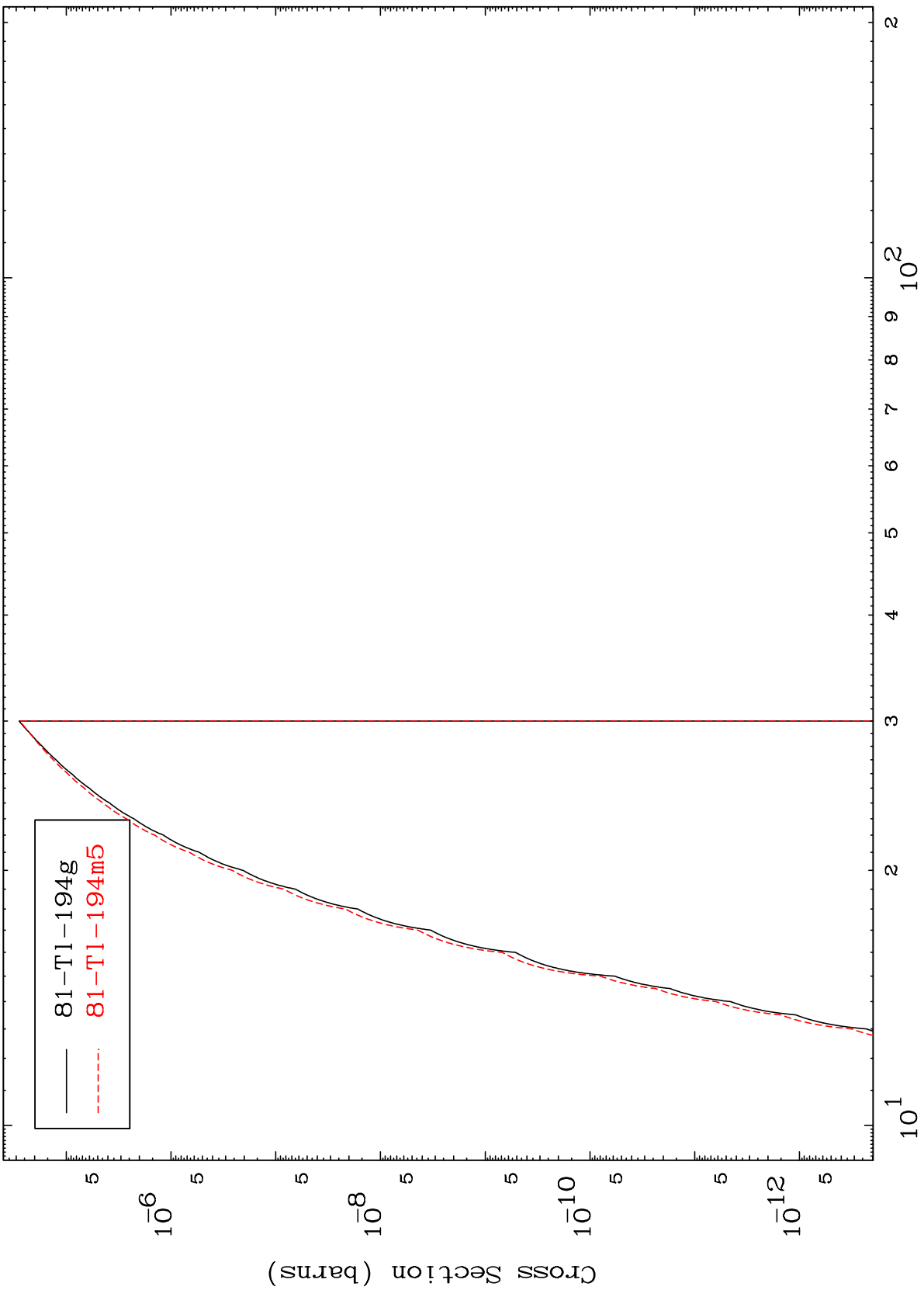
81-Tl-195g  
81-Tl-195m2

MAT 8287

(n,p) d

83-Bi-196

Radionuclide Production Cross Section

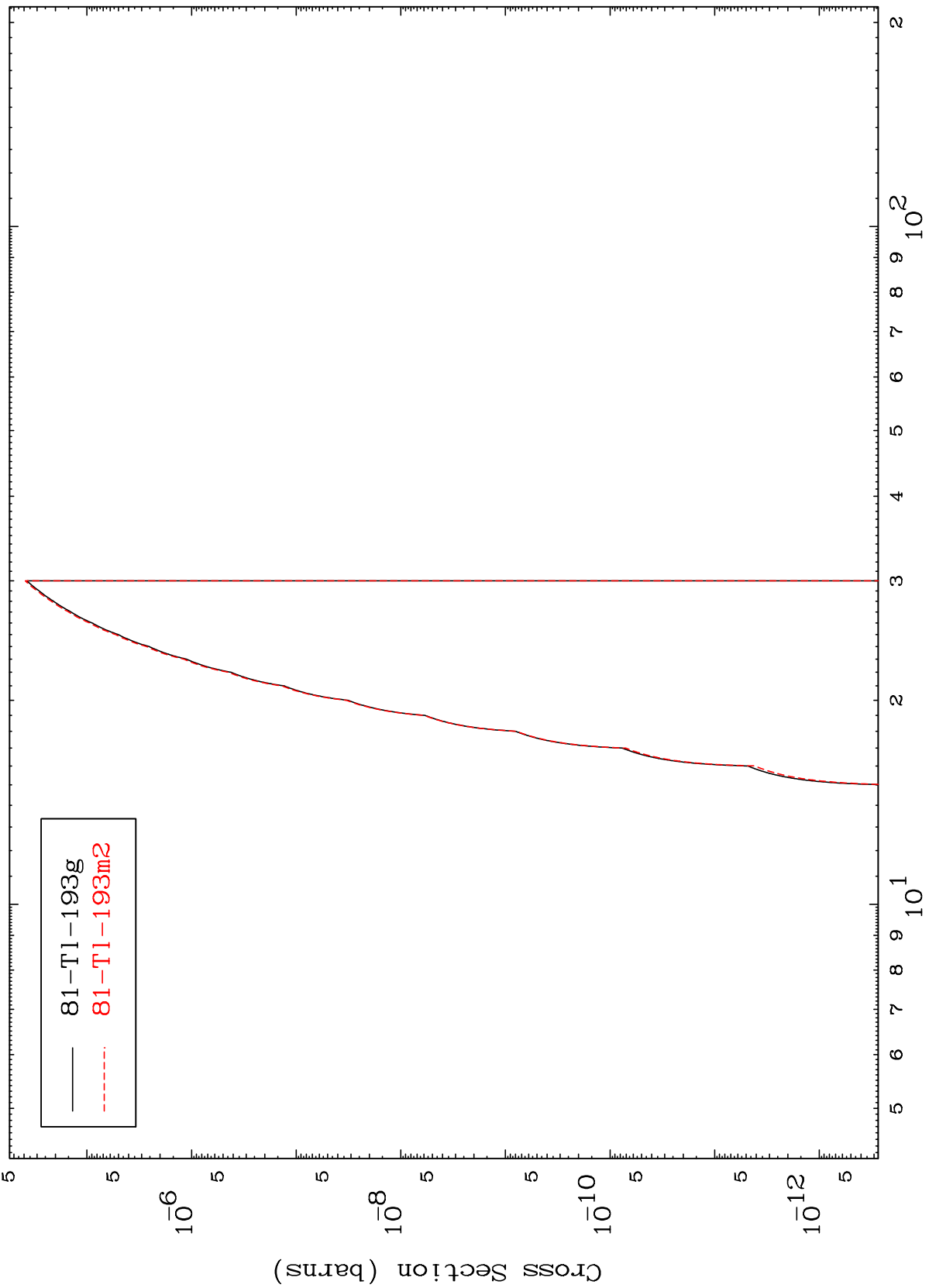


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Incident Energy (MeV)

83-Bi-196

Radionuclide Production Cross Section



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



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(n,d)  $\alpha$

83-Bi-196

