

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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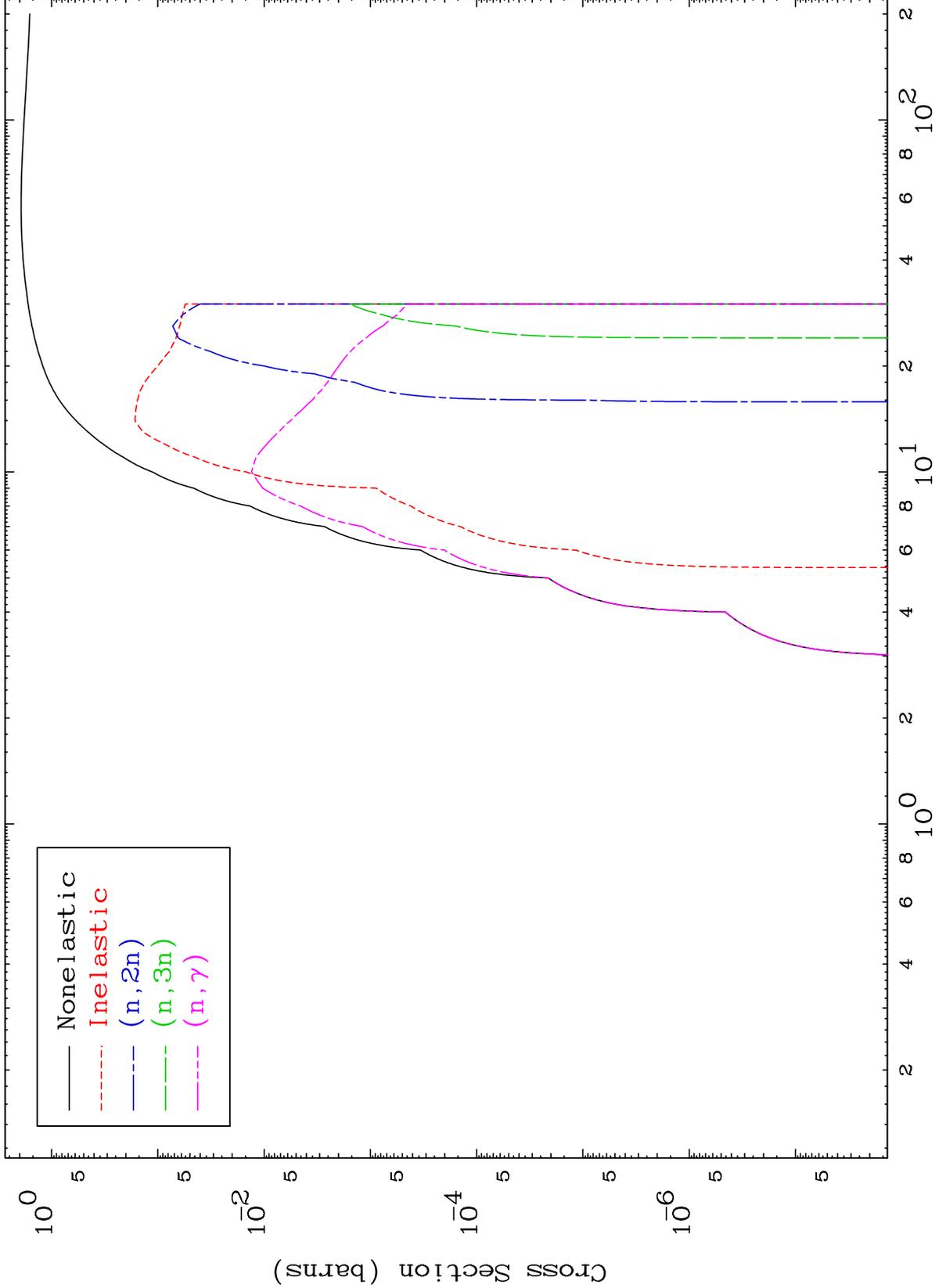
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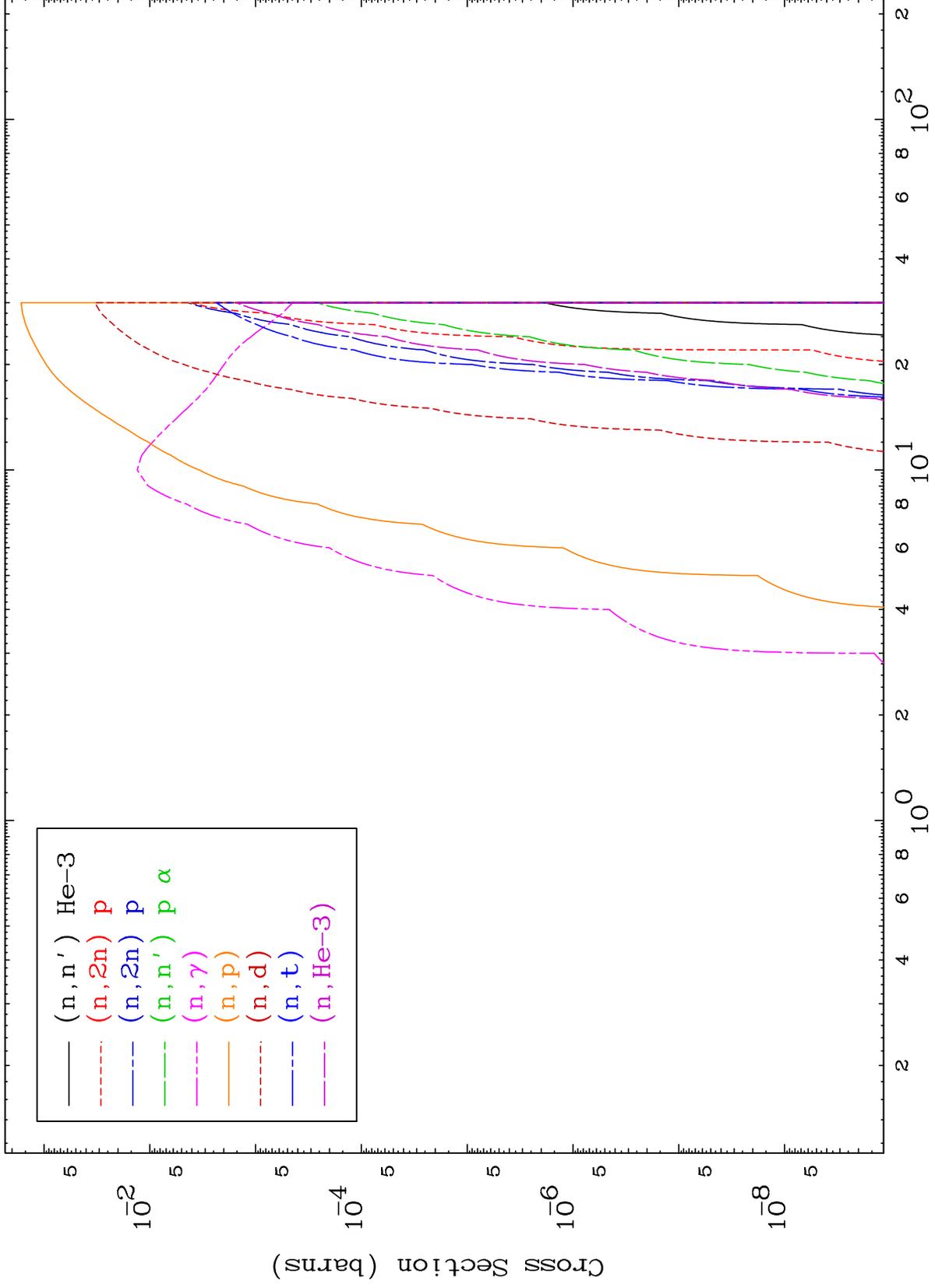
E.Mail:redcullen1@comcast.net

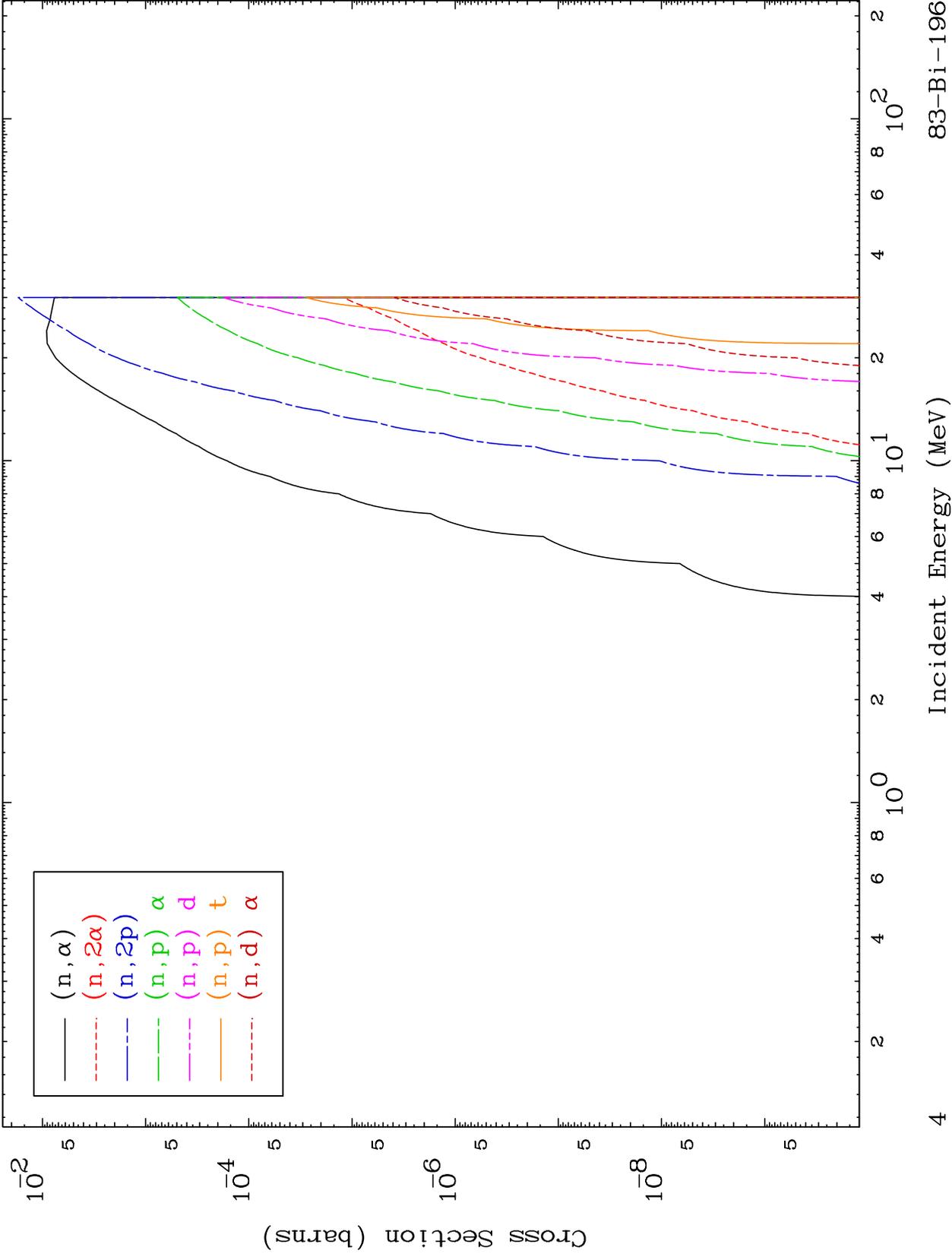
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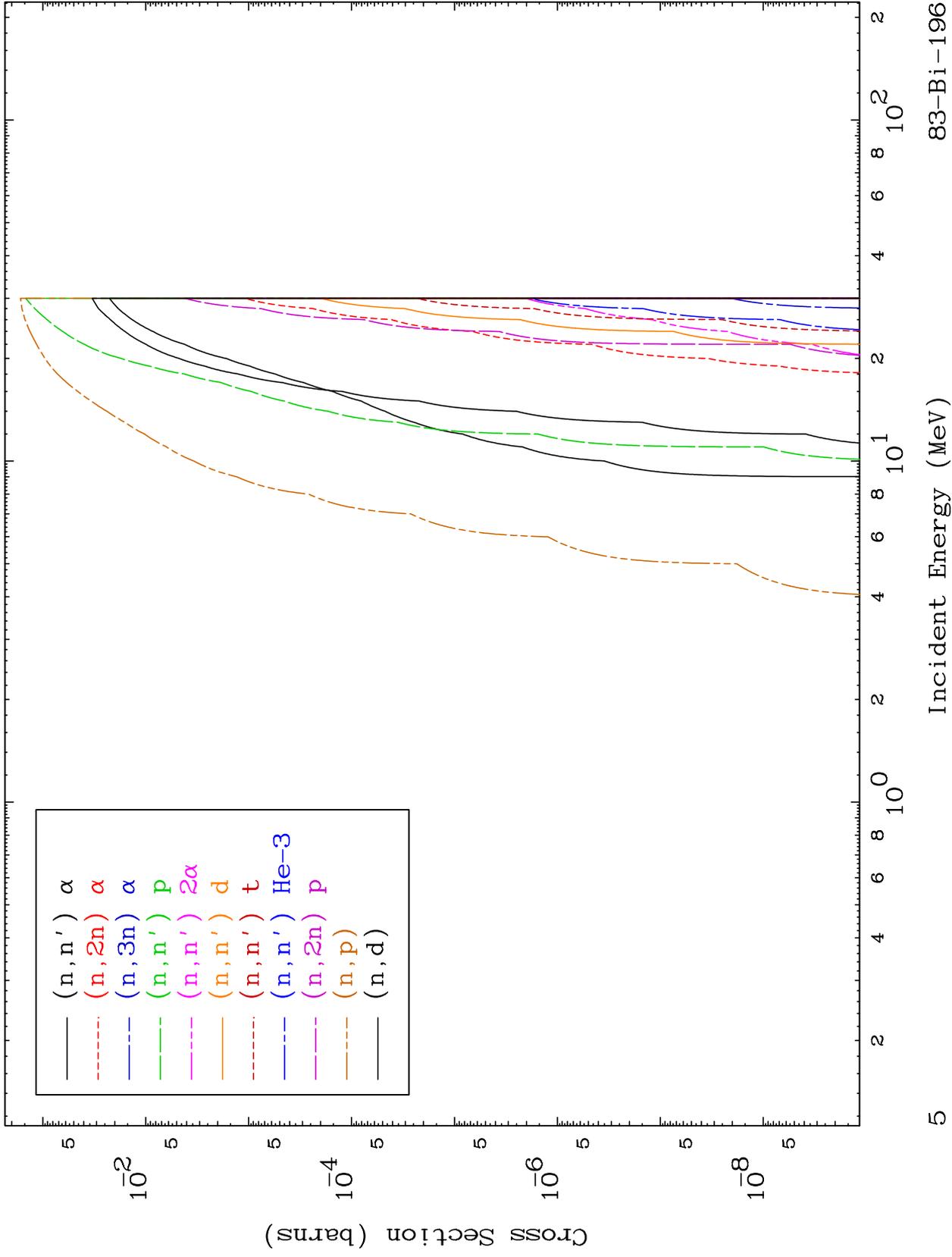
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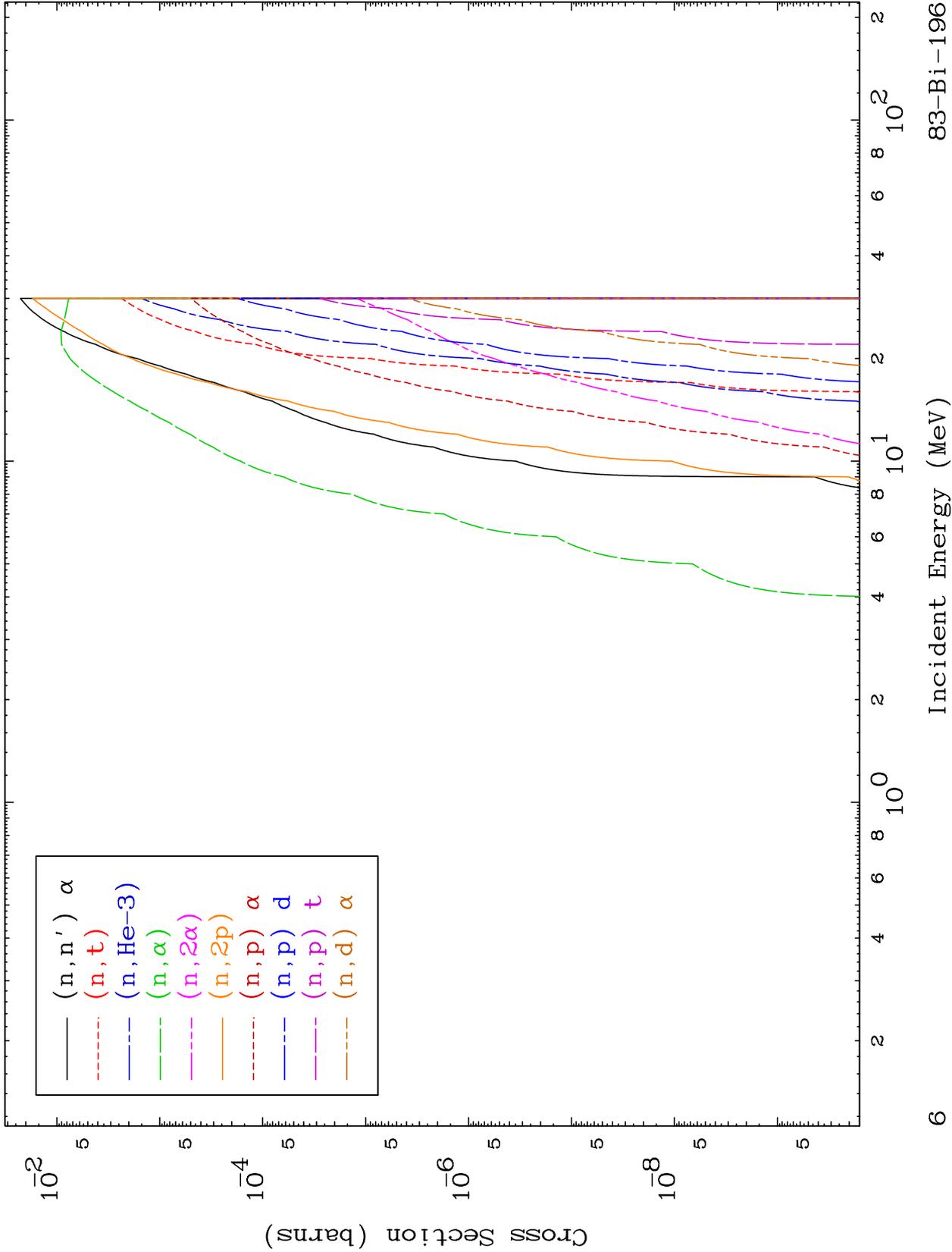
0 Kelvin Cross Sections







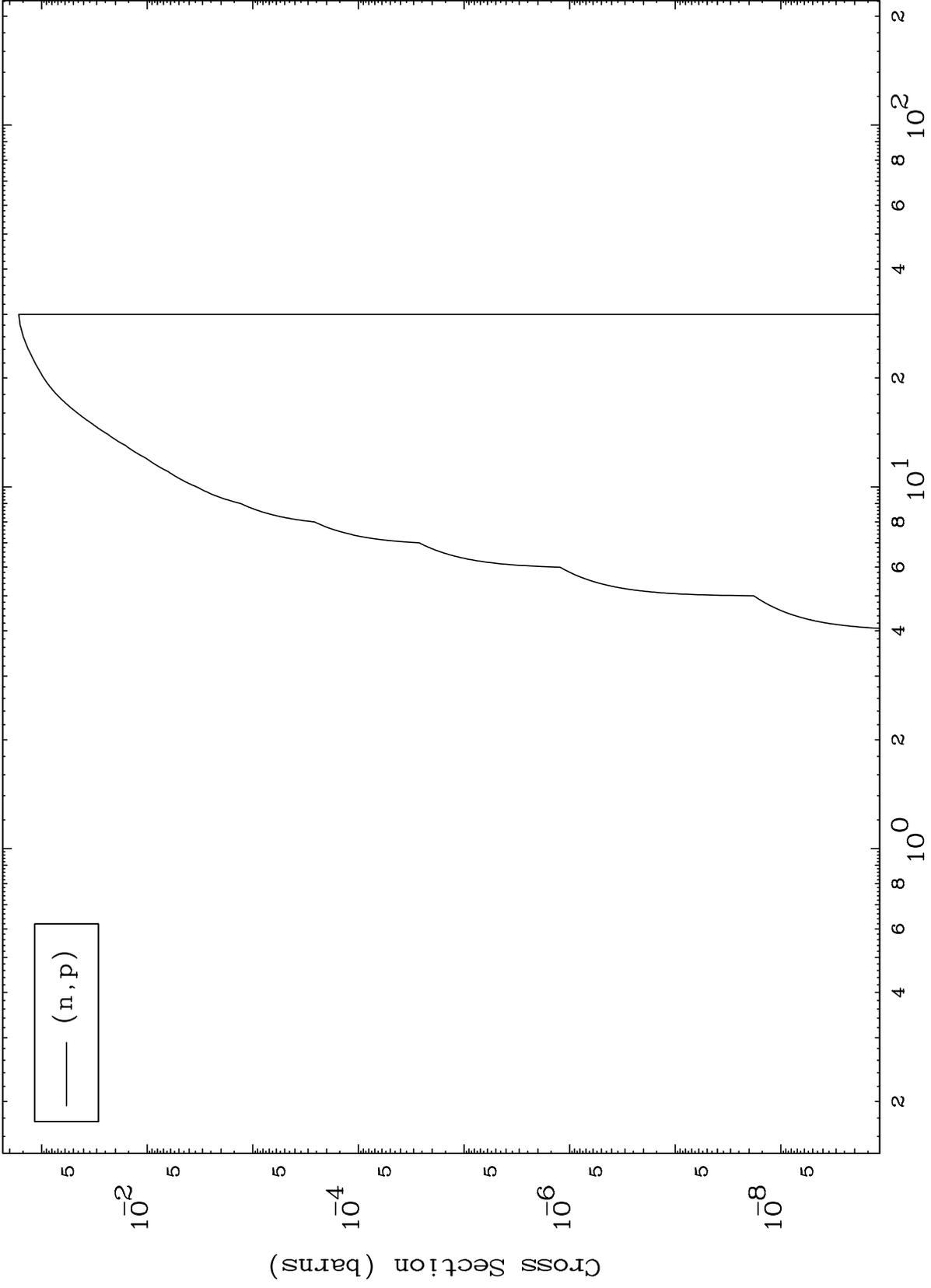




MAT 8286

(p,p) Levels
0 Kelvin Cross Sections

83-Bi-196



7

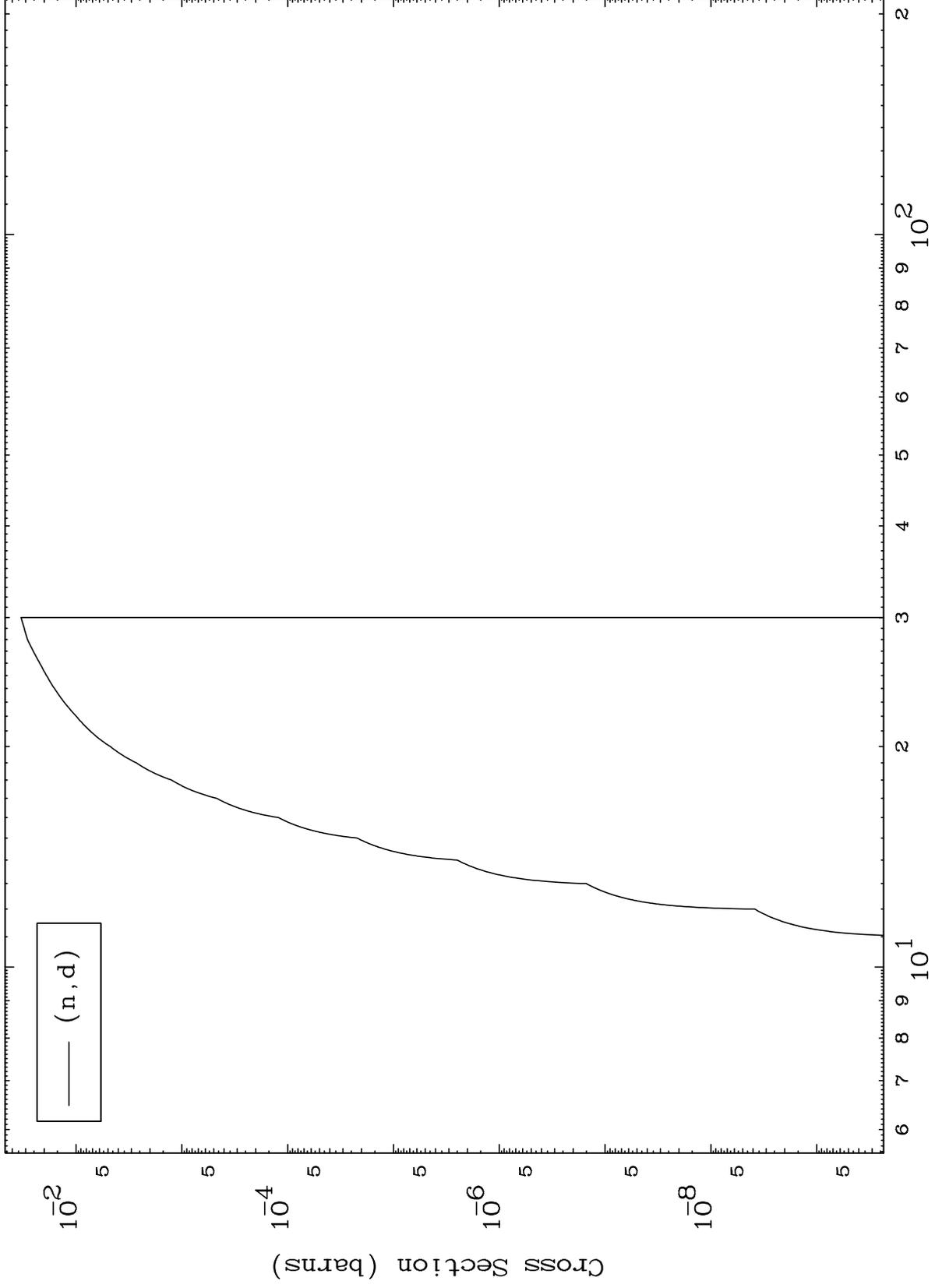
Incident Energy (MeV)

83-Bi-196

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(p,d) Levels
0 Kelvin Cross Sections

83-Bi-196



8

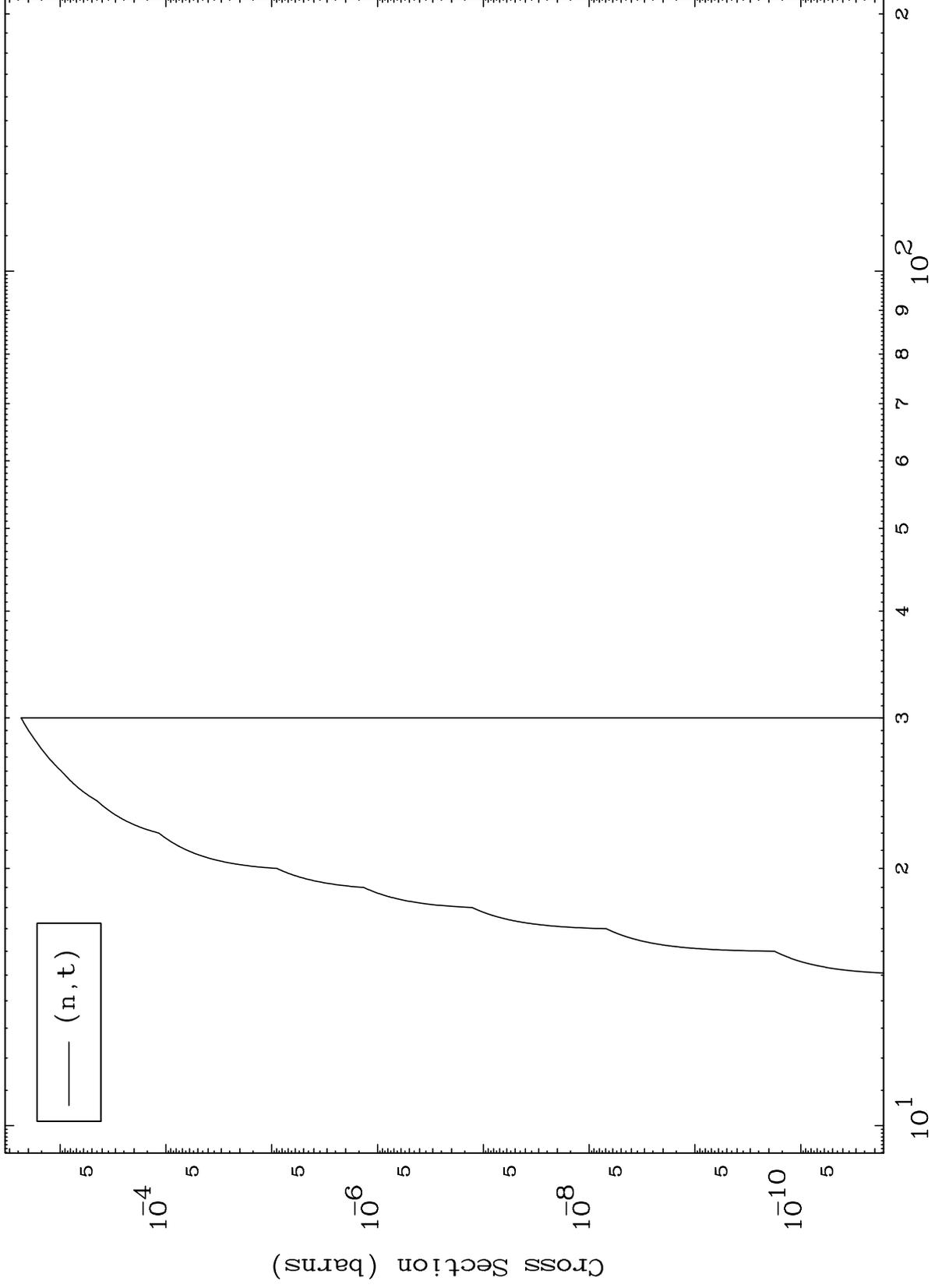
Incident Energy (MeV)

83-Bi-196

MAT 8286

(p,t) Levels
0 Kelvin Cross Sections

83-Bi-196



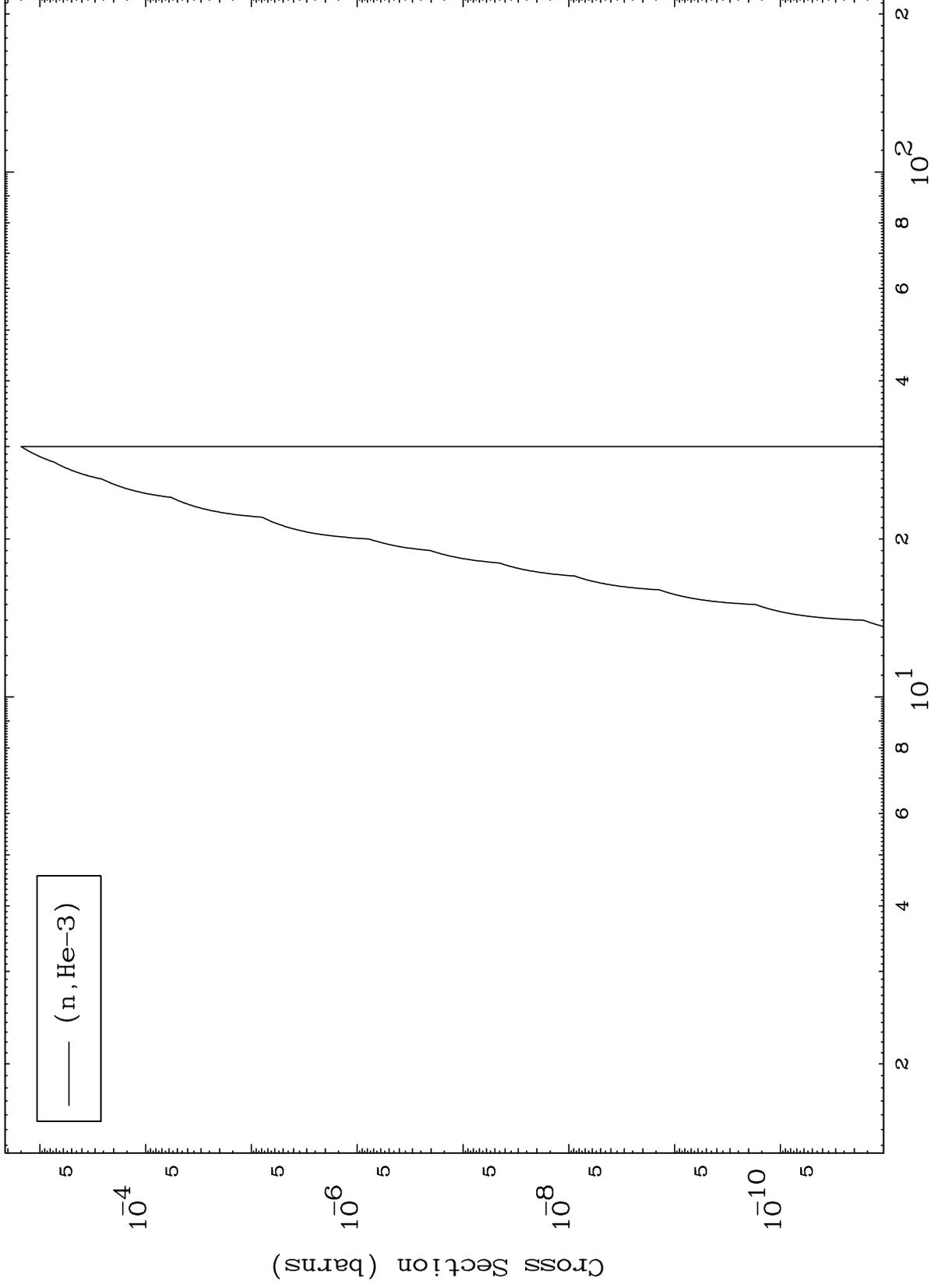
Incident Energy (MeV)

83-Bi-196

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(p,He3) Levels
0 Kelvin Cross Sections

83-Bi-196



10

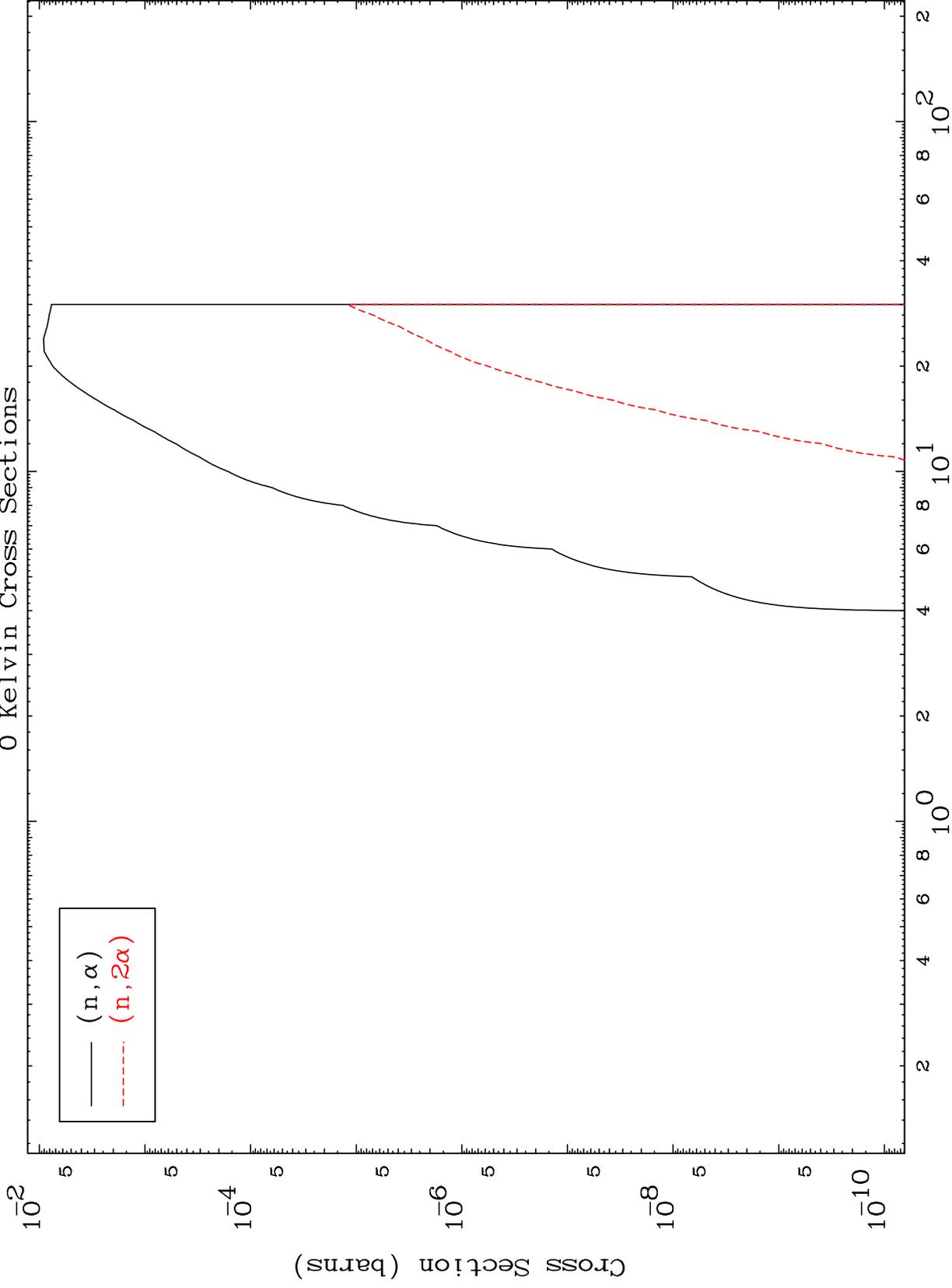
Incident Energy (MeV)

83-Bi-196

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(p, α) Levels
0 Kelvin Cross Sections

83-Bi-196

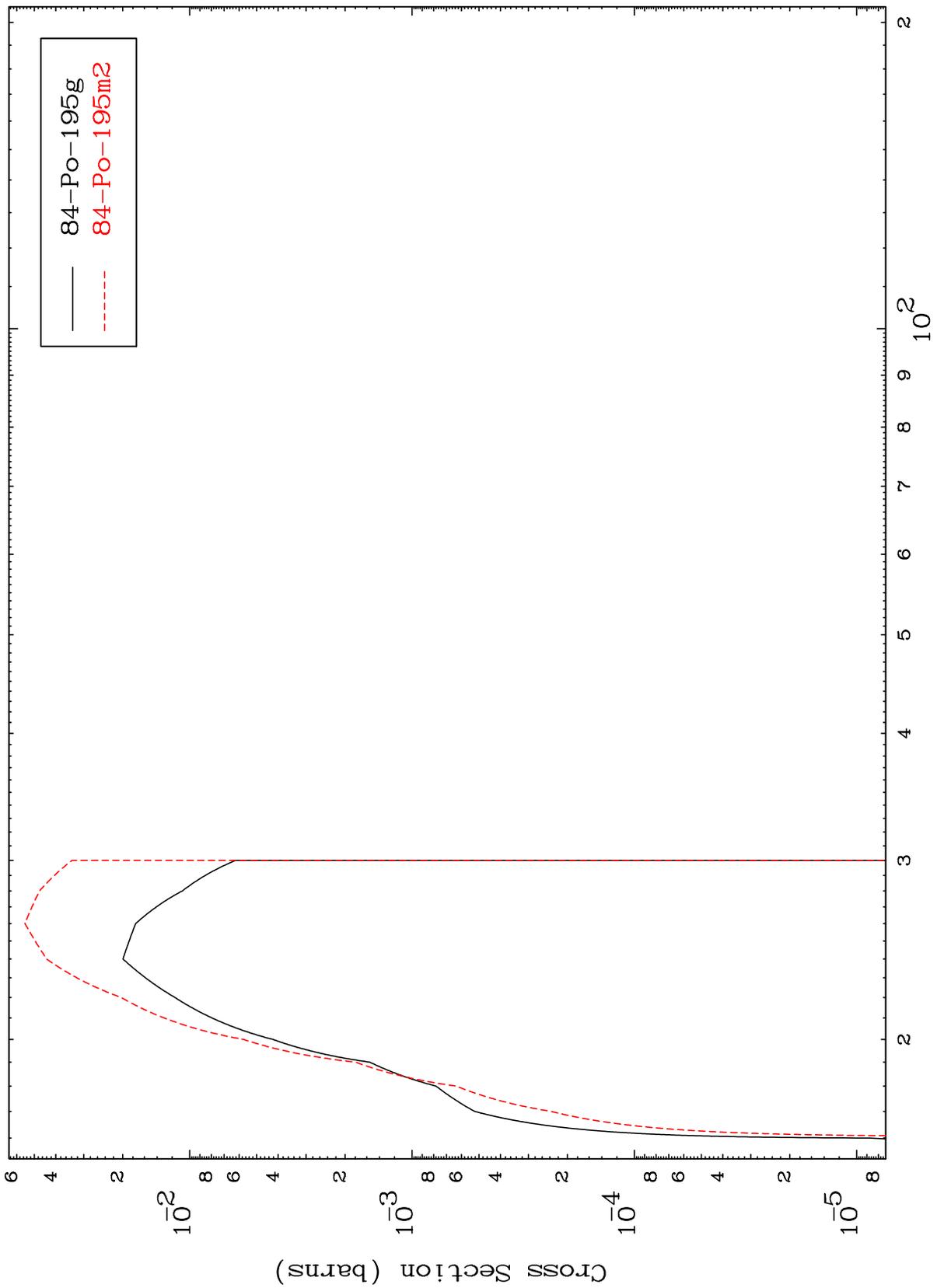


11

Incident Energy (MeV)

83-Bi-196

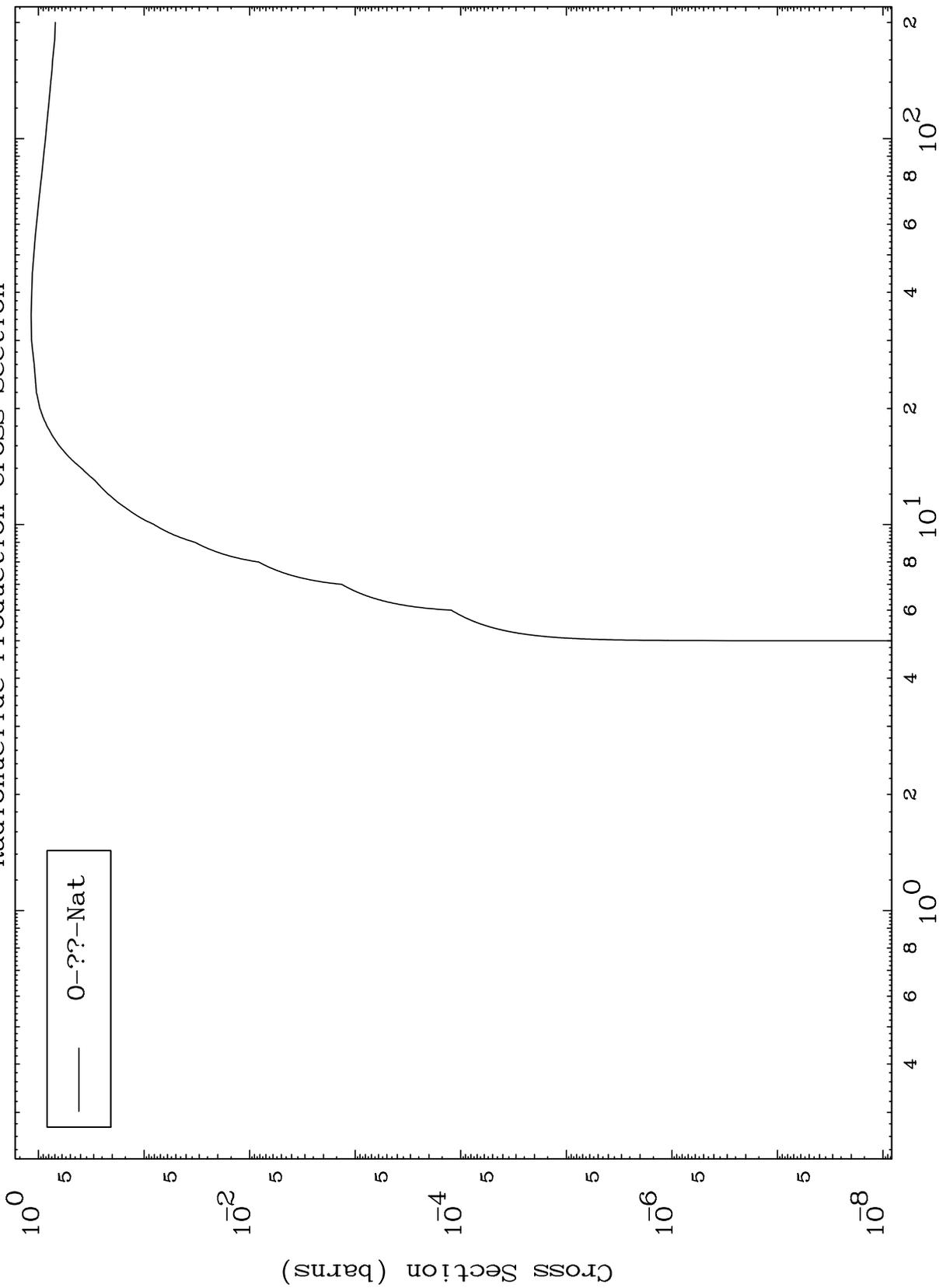
(n,2n)
Radionuclide Production Cross Section



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83-Bi-196

Fission
Radionuclide Production Cross Section

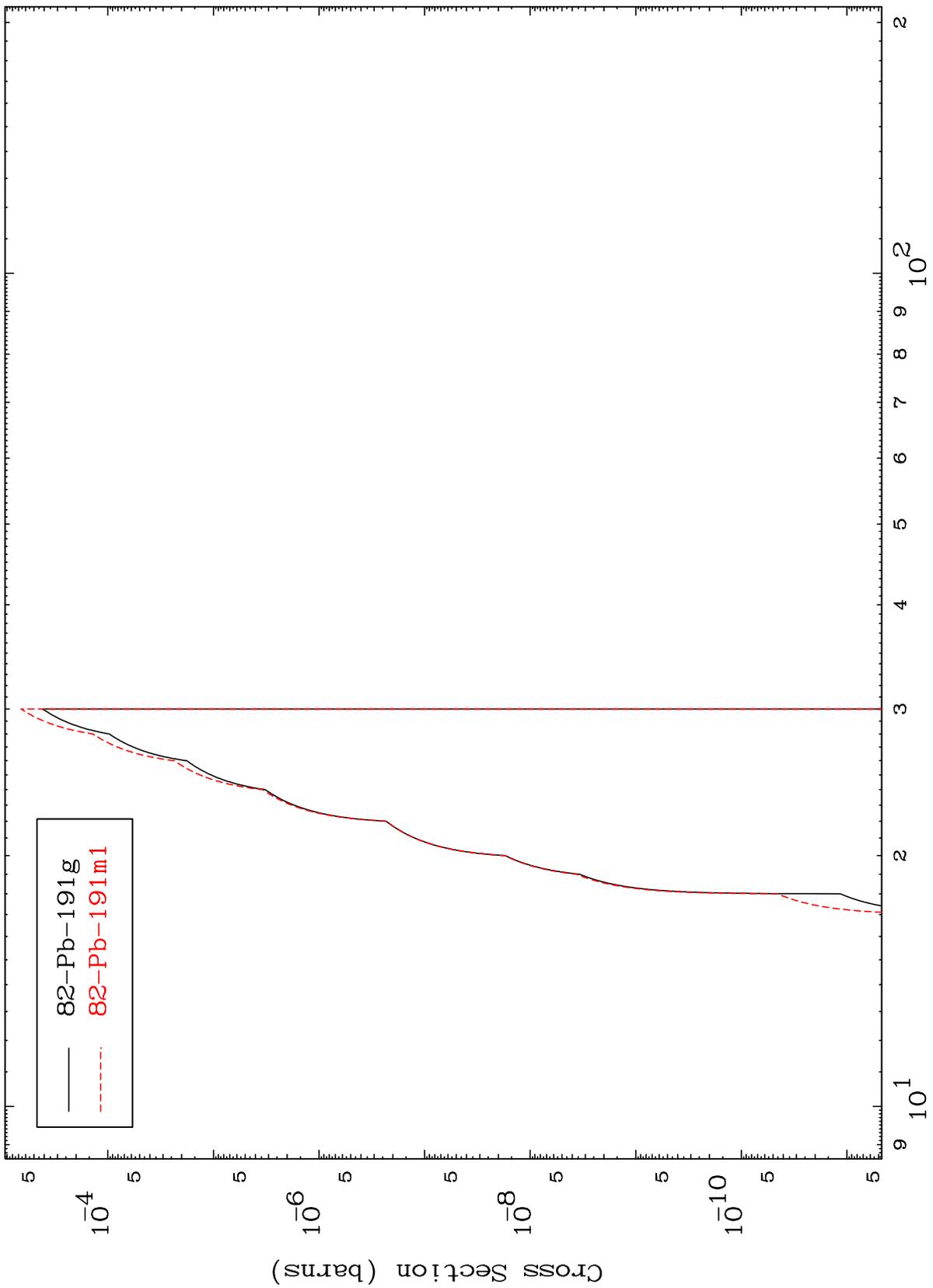


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$(n, 2n)$ α

83-Bi-196

Radionuclide Production Cross Section



82-Pb-191g
82-Pb-191m1

14

Incident Energy (MeV)

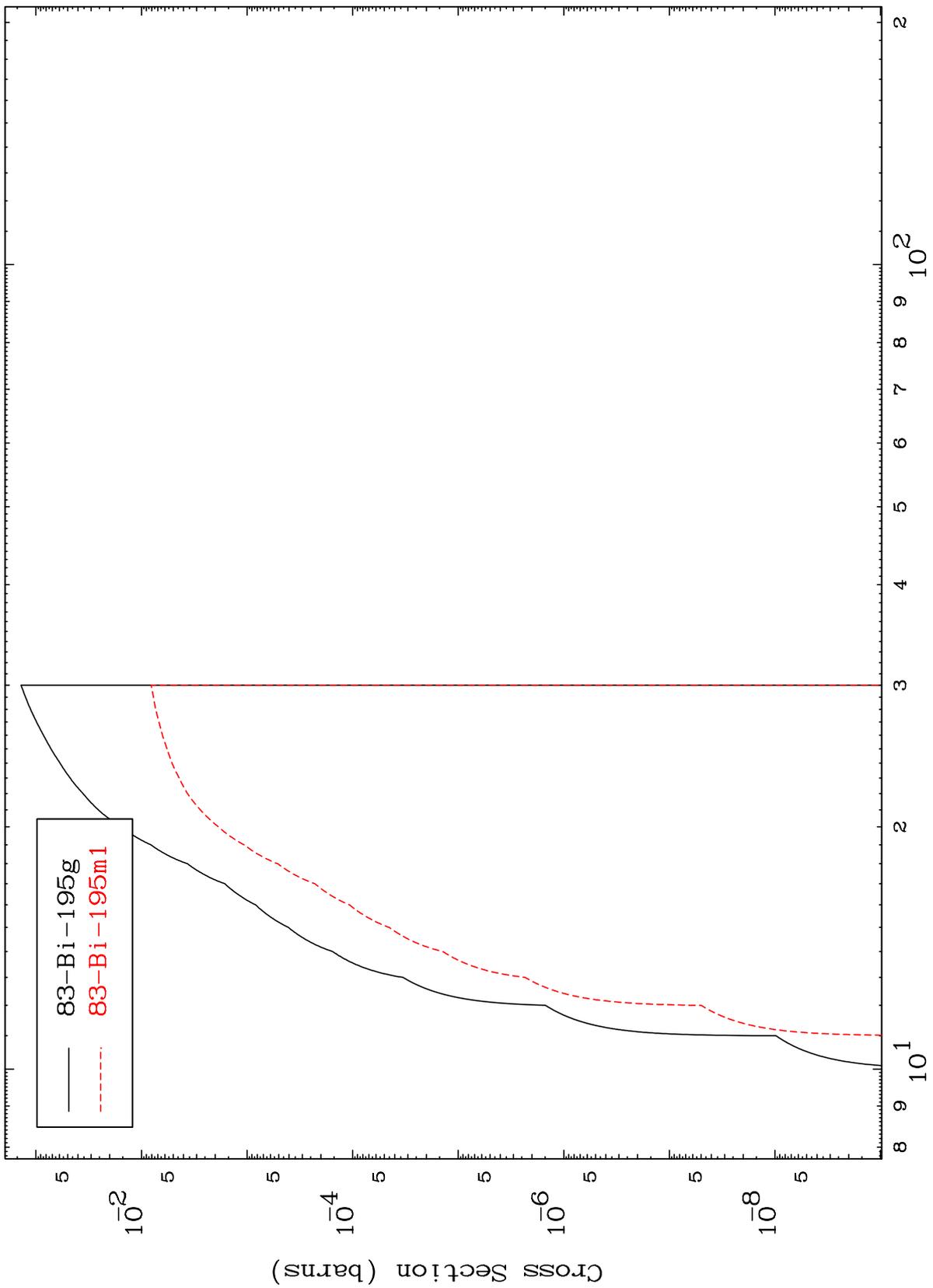
83-Bi-196

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(n,n') p

83-Bi-196

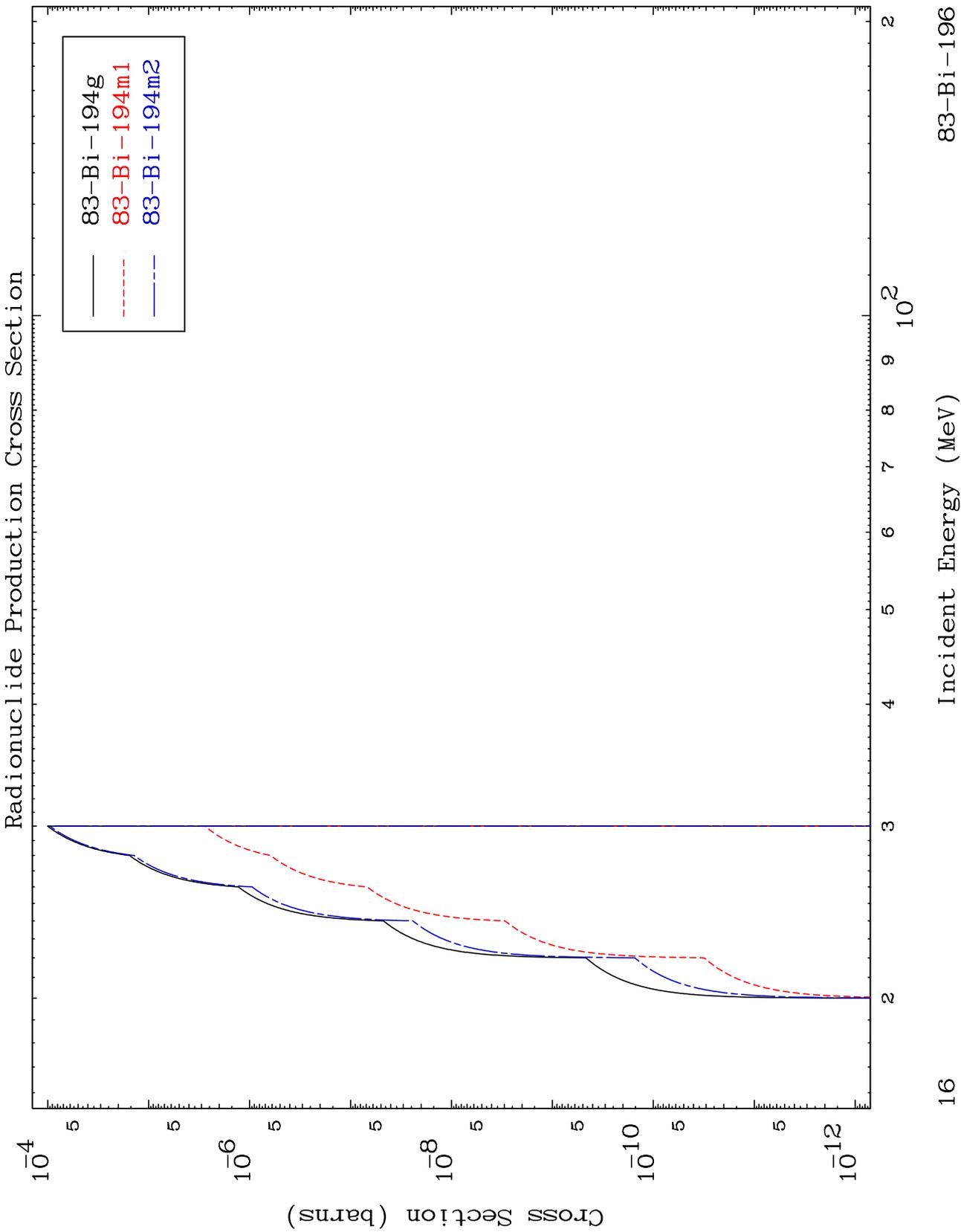
Radionuclide Production Cross Section



15

Incident Energy (MeV)

83-Bi-196

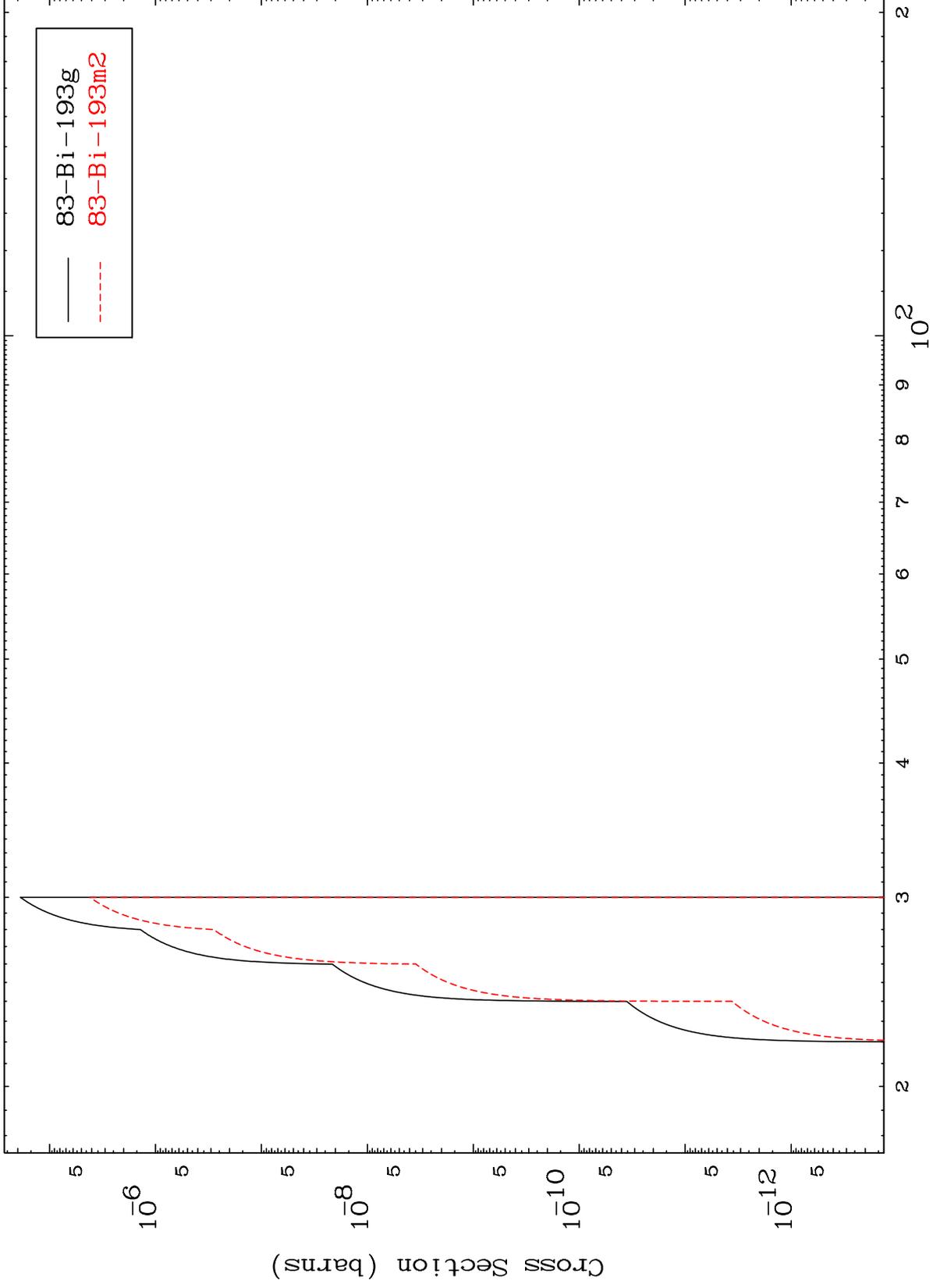


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(n,n') t

83-Bi-196

Radionuclide Production Cross Section



17

Incident Energy (MeV)

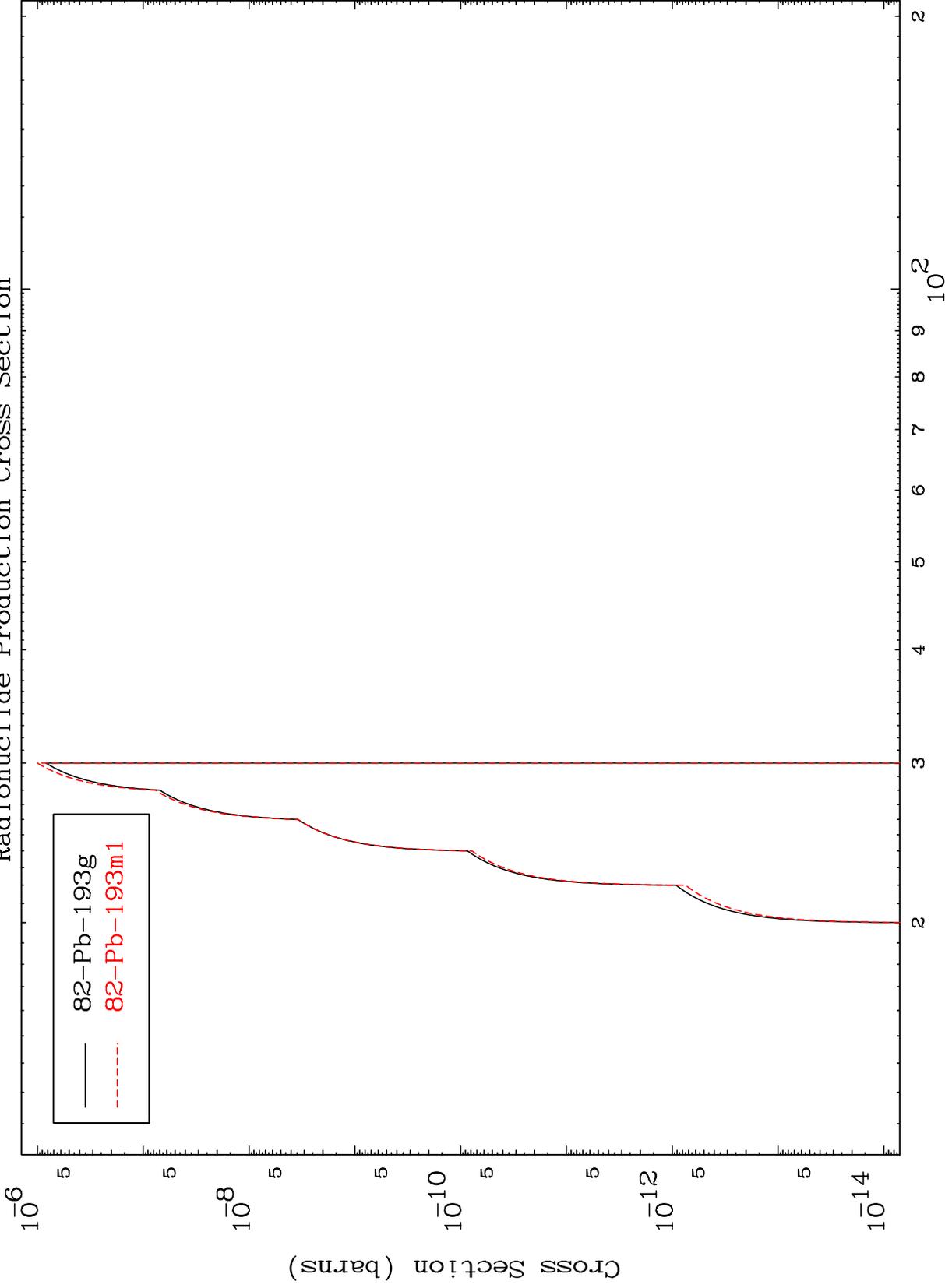
83-Bi-196

MAT 8286

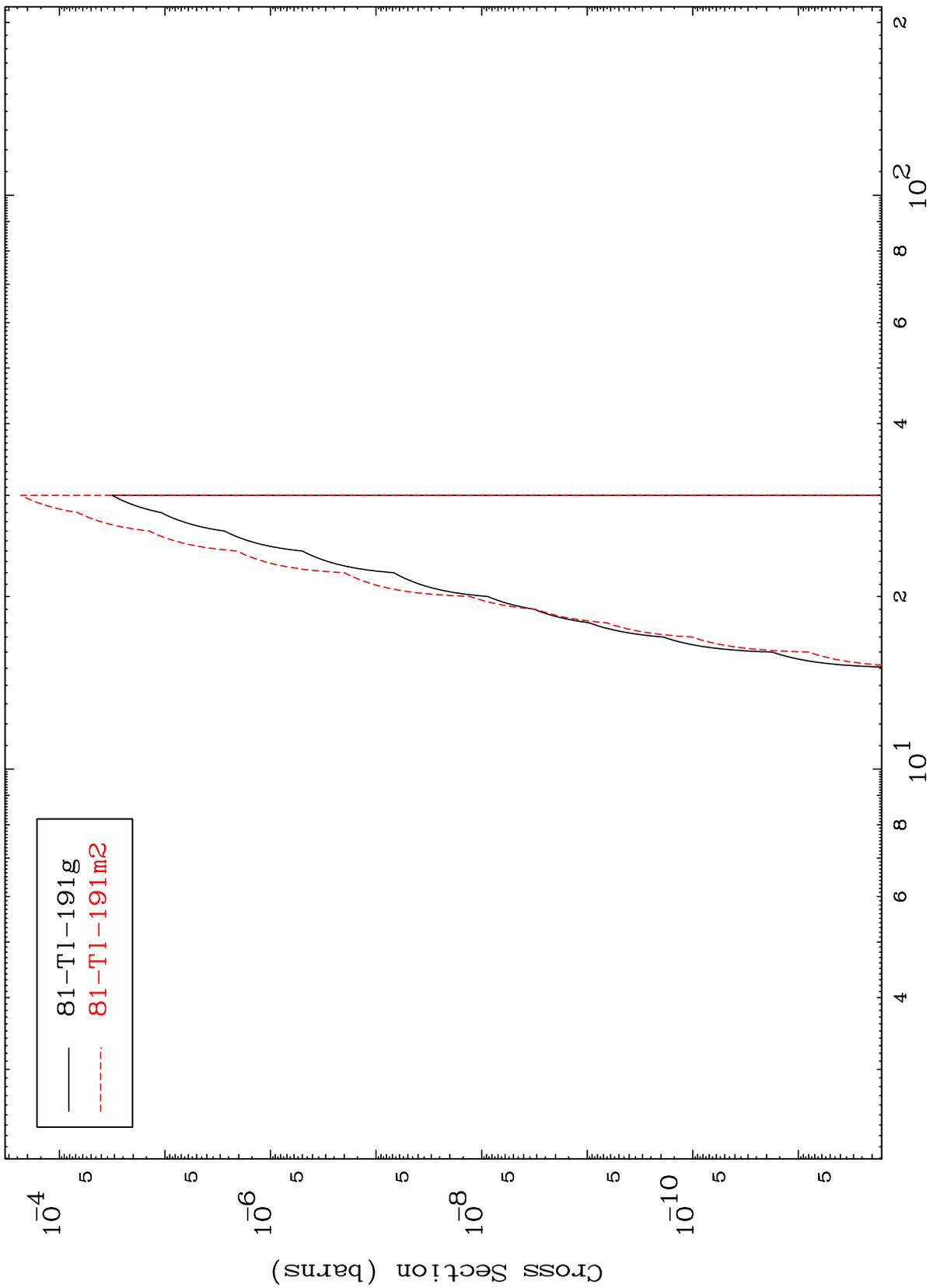
(n,n') He-3

83-Bi-196

Radionuclide Production Cross Section



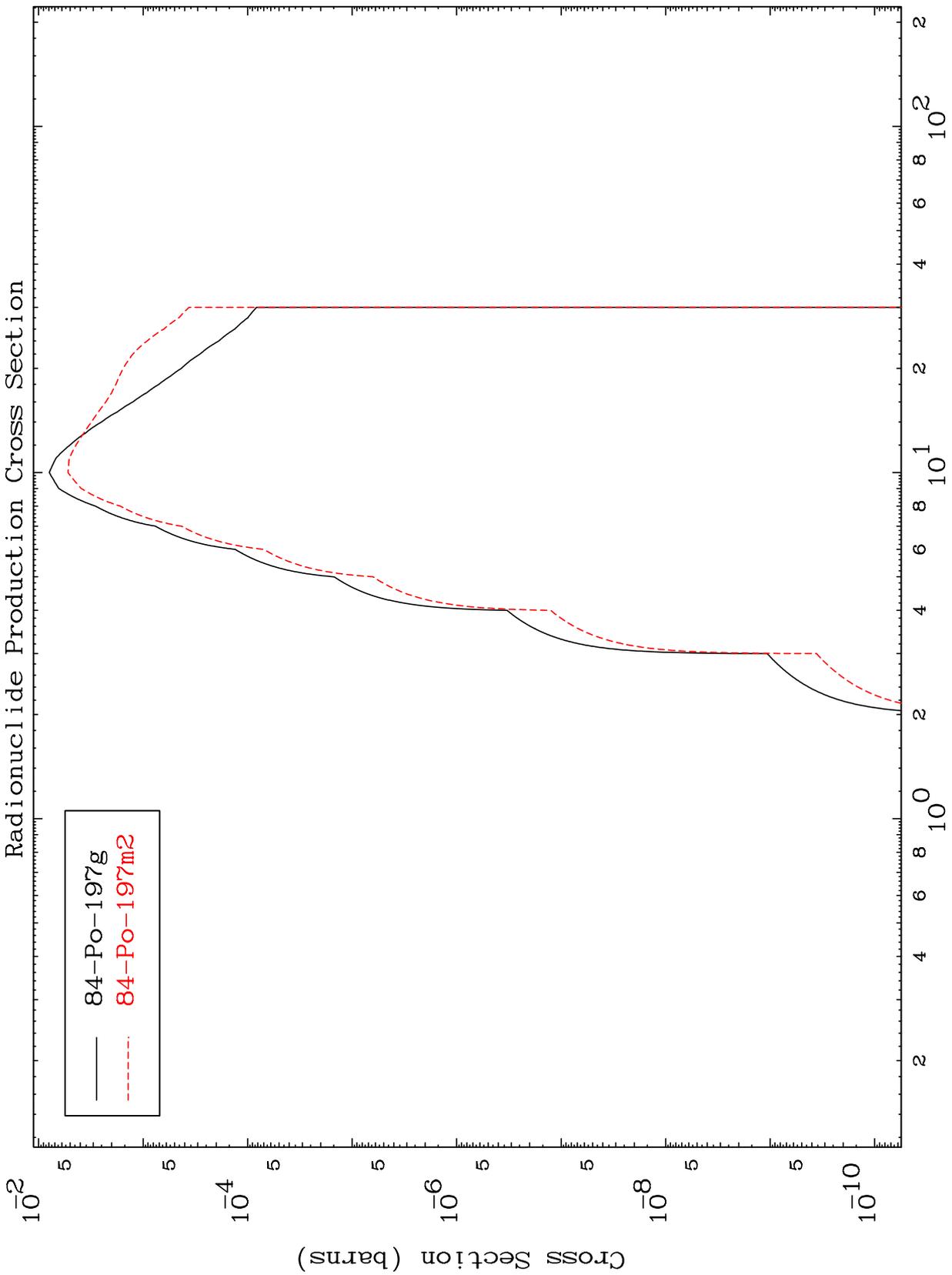
Radionuclide Production Cross Section



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83-Bi-196

(n, γ)
Radionuclide Production Cross Section

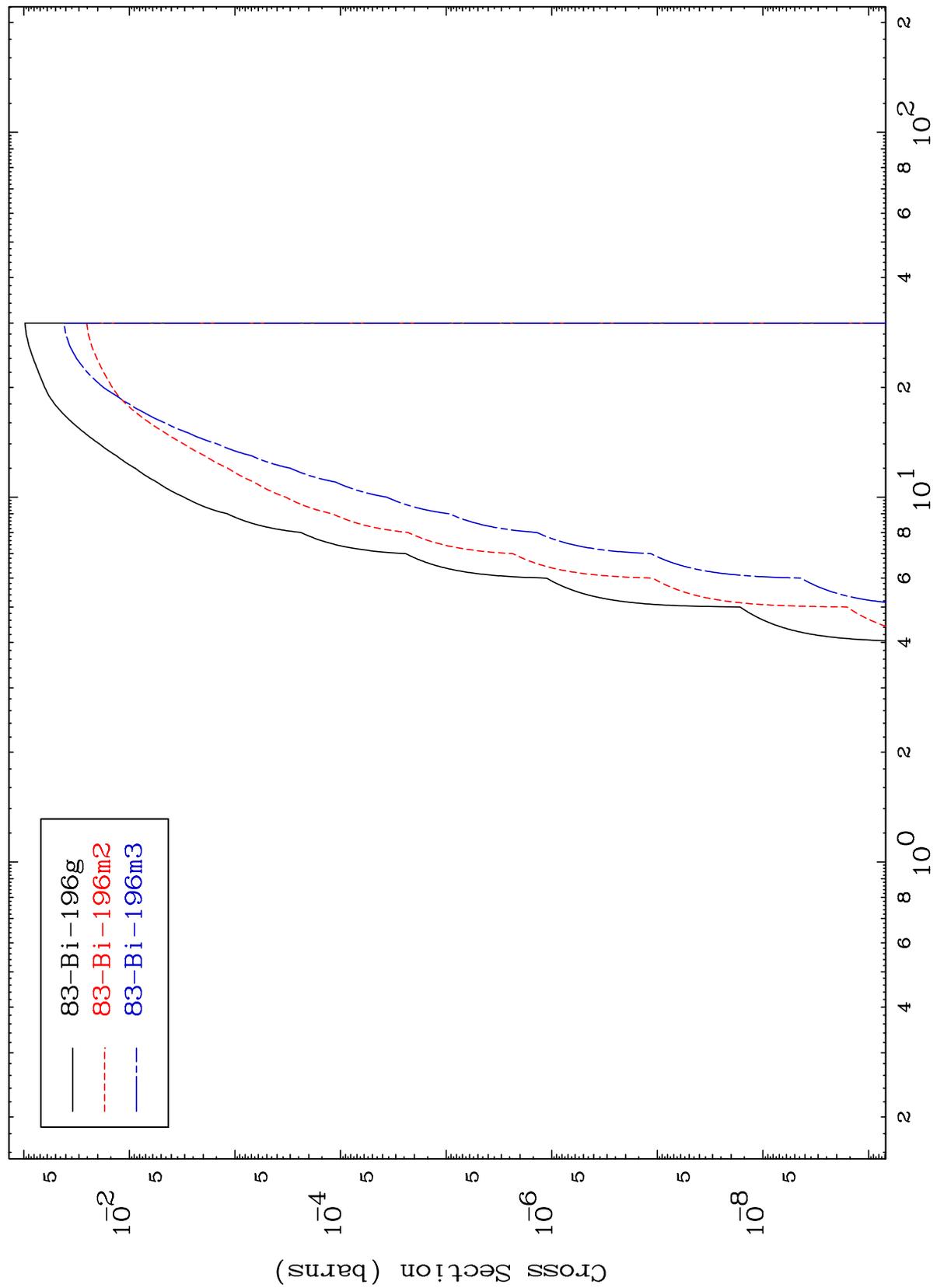


— 84-Po-197g
- - - 84-Po-197m2

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83-Bi-196

(n,p)
Radionuclide Production Cross Section



83-Bi-196

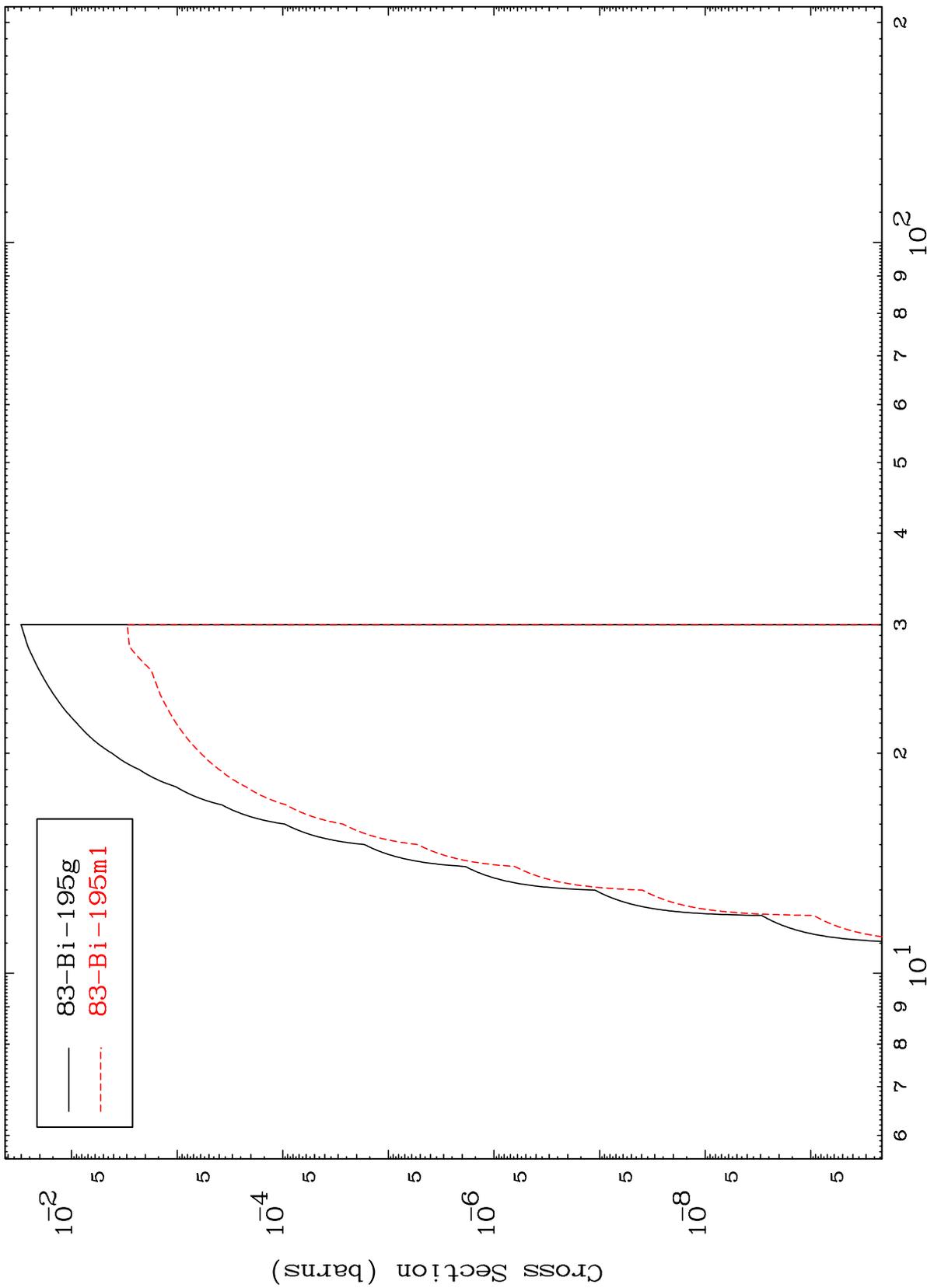
Incident Energy (MeV)

22

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83-Bi-196

(n,d)
Radionuclide Production Cross Section



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

83-Bi-196

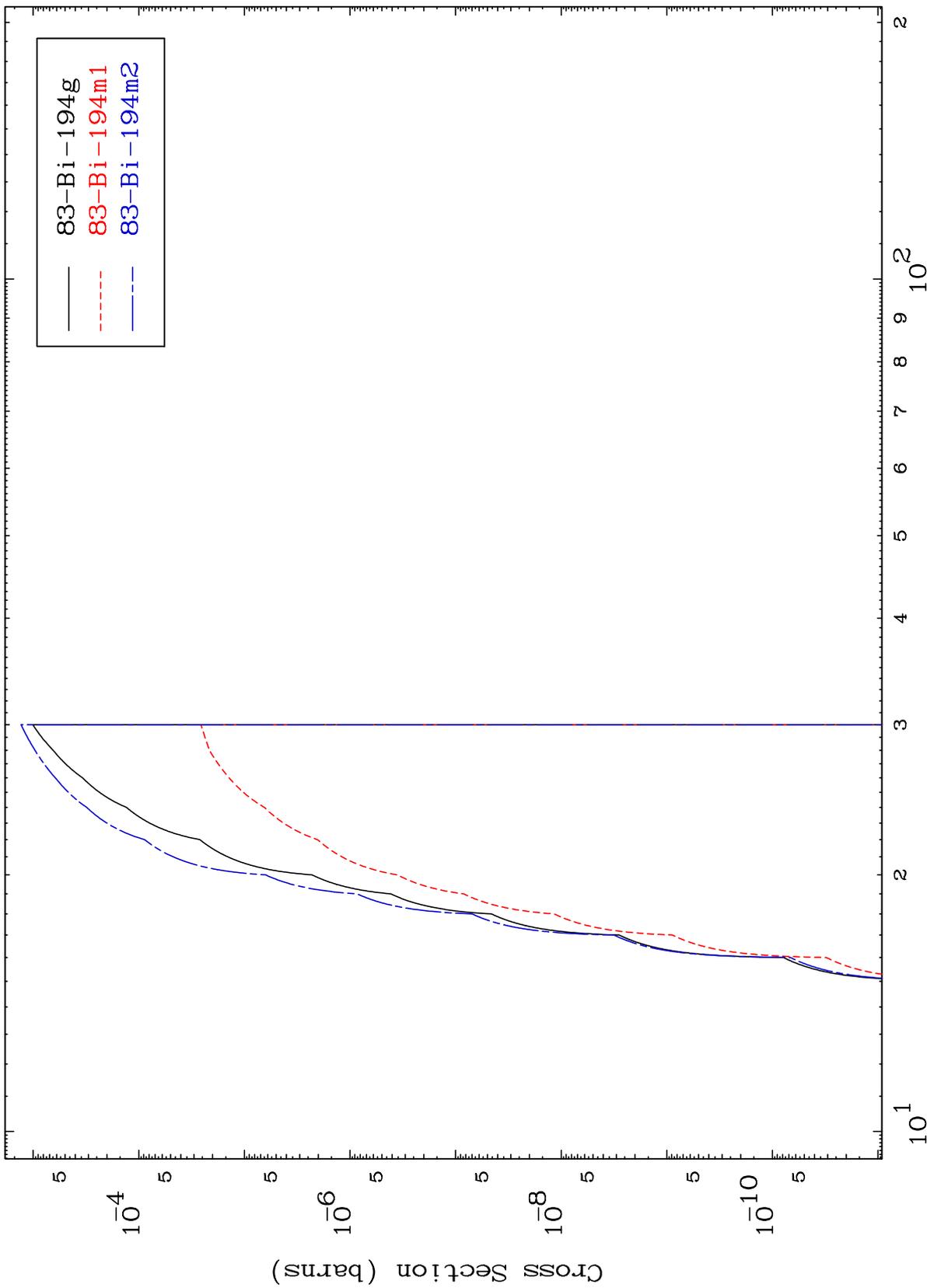
Incident Energy (MeV)

23

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83-Bi-196

(n,t)
Radionuclide Production Cross Section



83-Bi-196

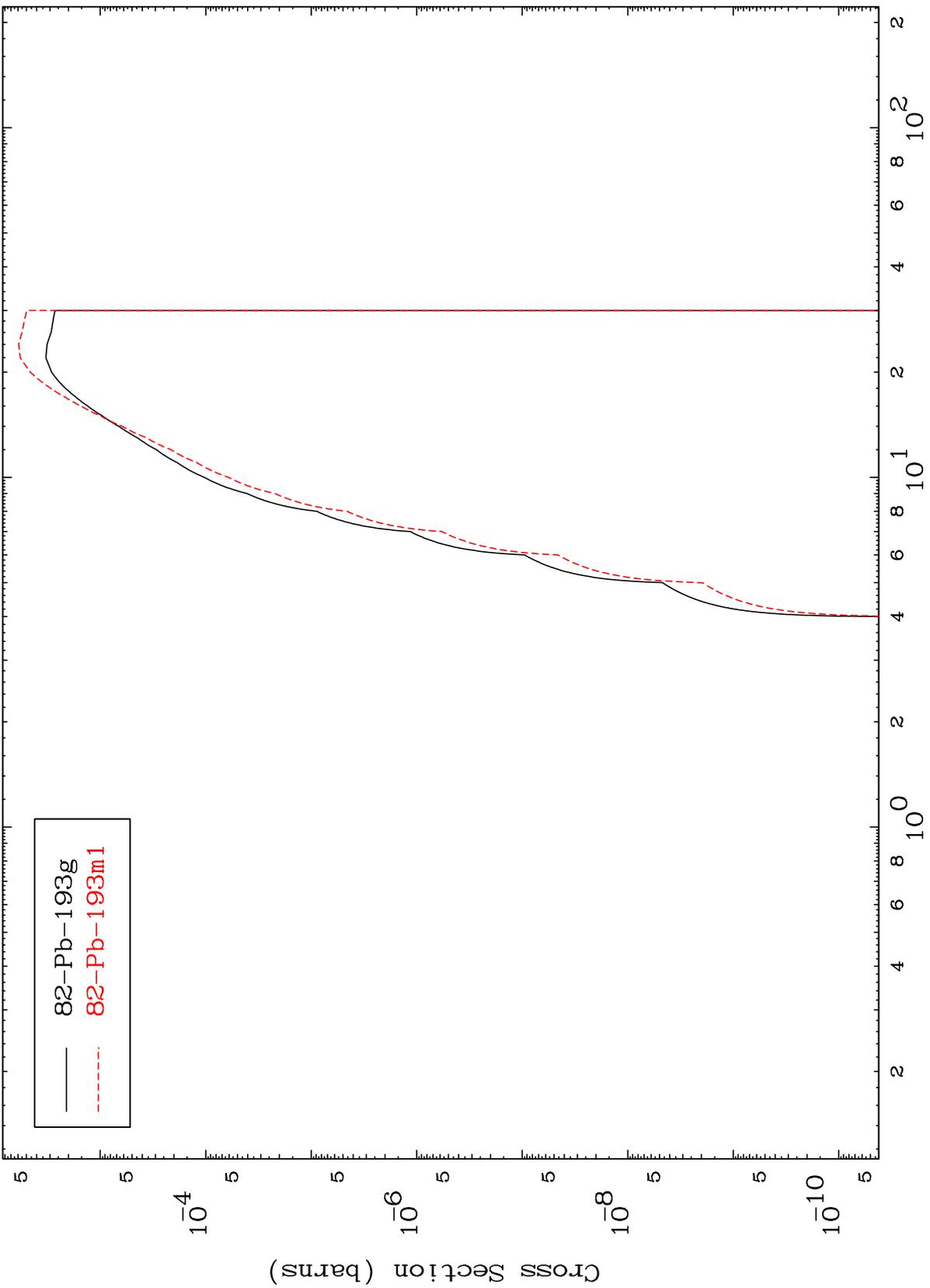
Incident Energy (MeV)

24

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83-Bi-196

(n, α)
Radionuclide Production Cross Section



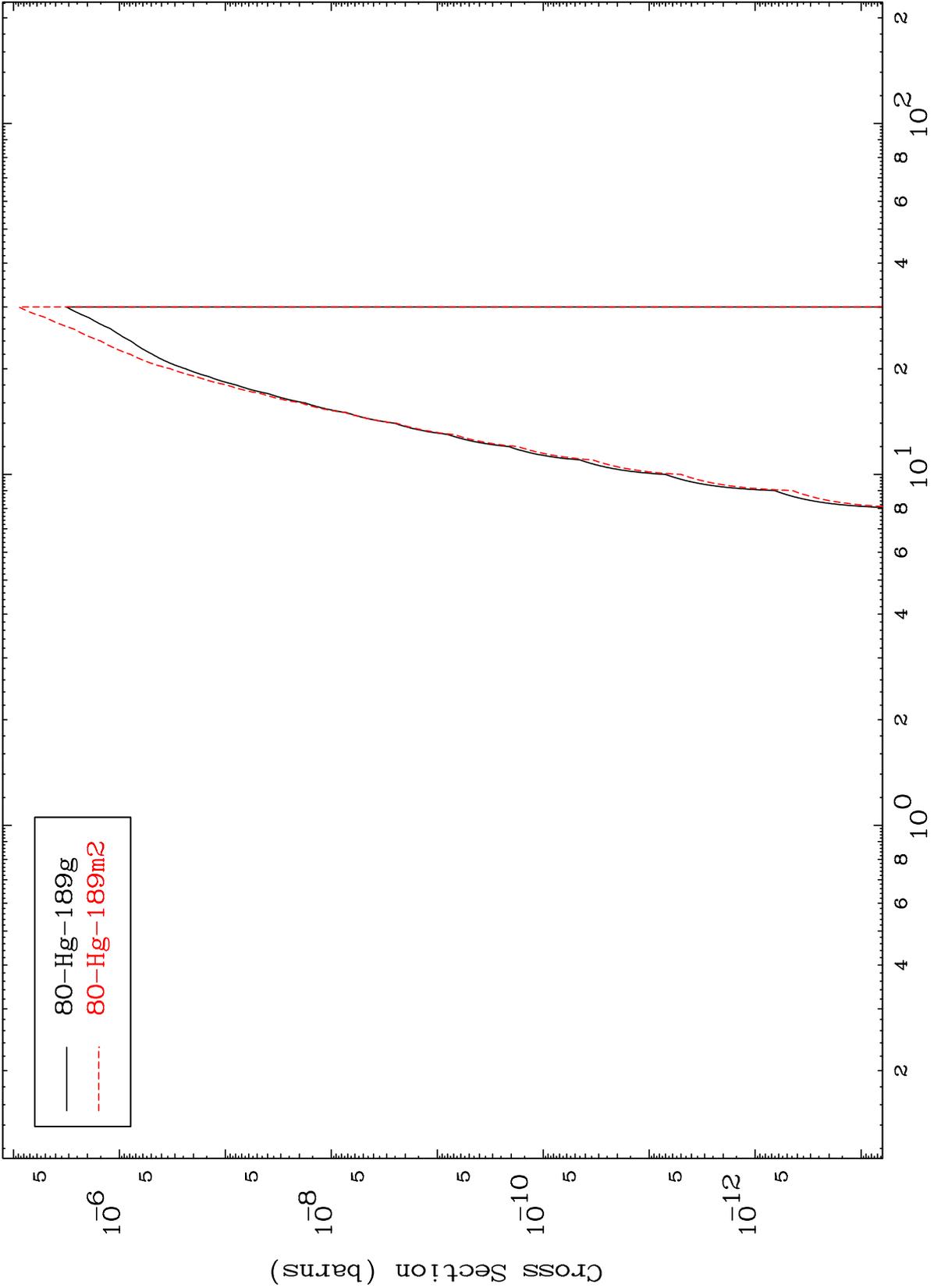
— 82-Pb-193g
- - - 82-Pb-193m1

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(n,2α)

83-Bi-196

Radionuclide Production Cross Section

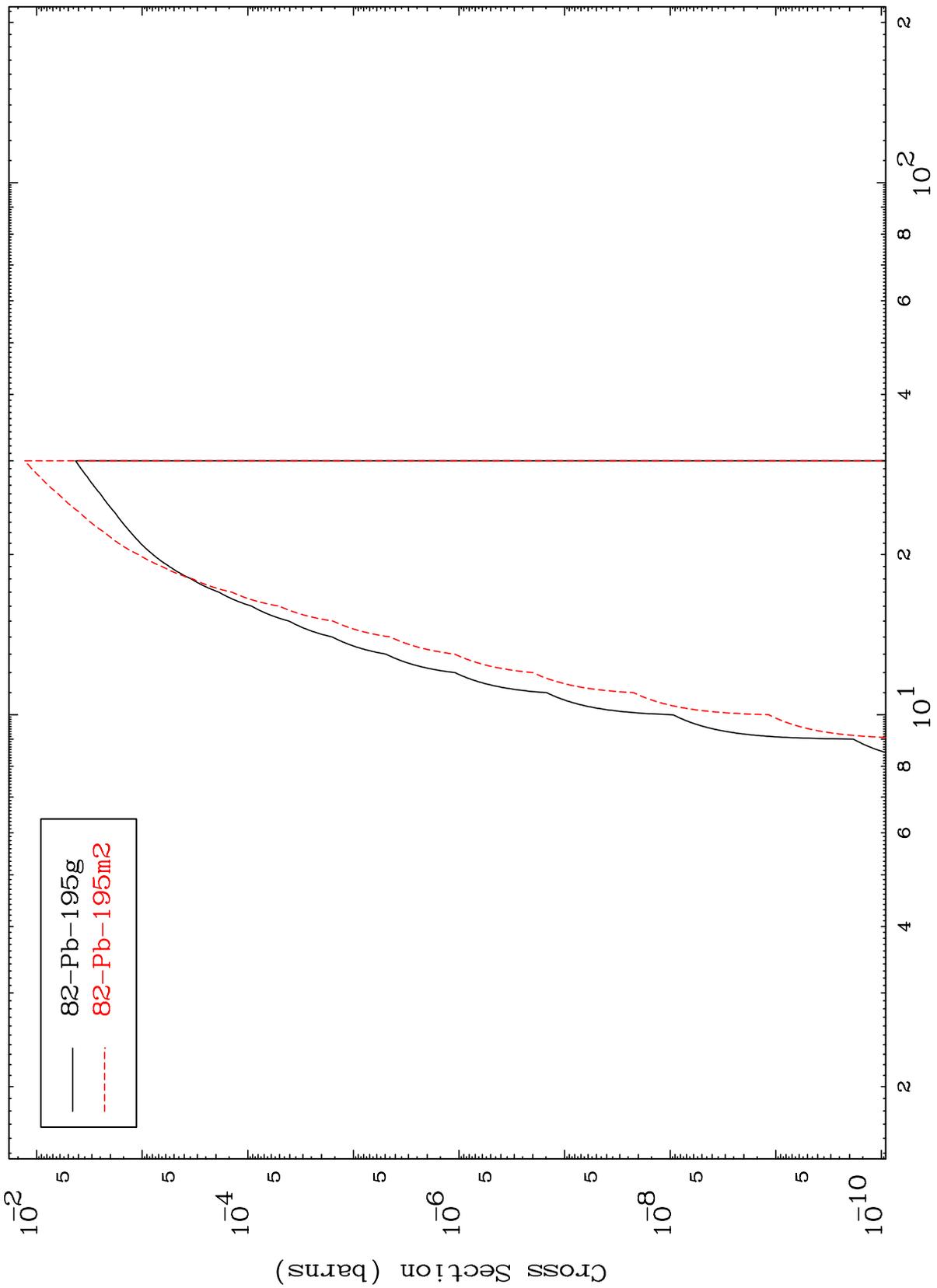


80-Hg-189g
80-Hg-189m2

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83-Bi-196

(n,2p)
Radionuclide Production Cross Section



83-Bi-196

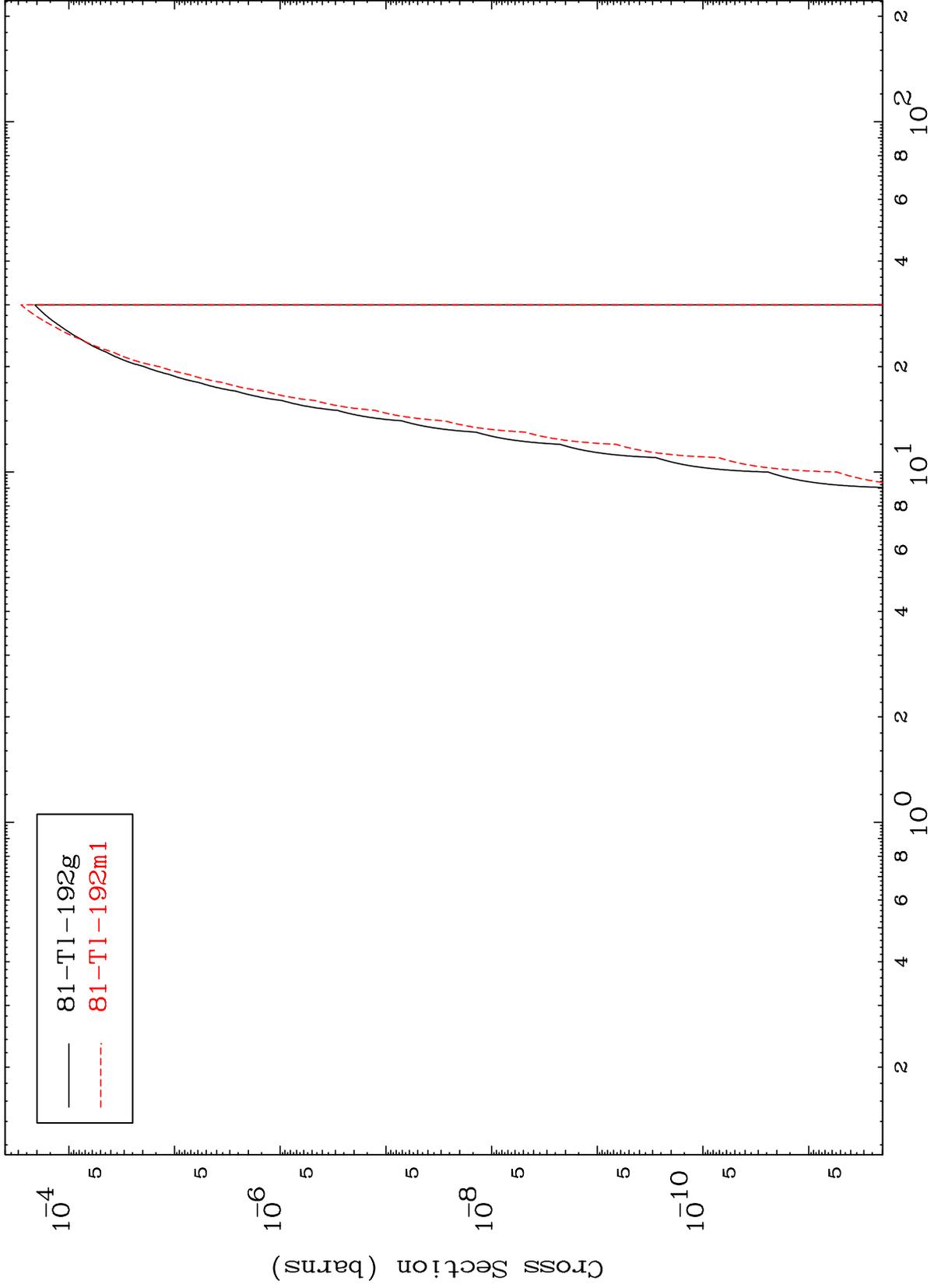
Incident Energy (MeV)

MAT 8286

(n,p) α

83-Bi-196

Radionuclide Production Cross Section

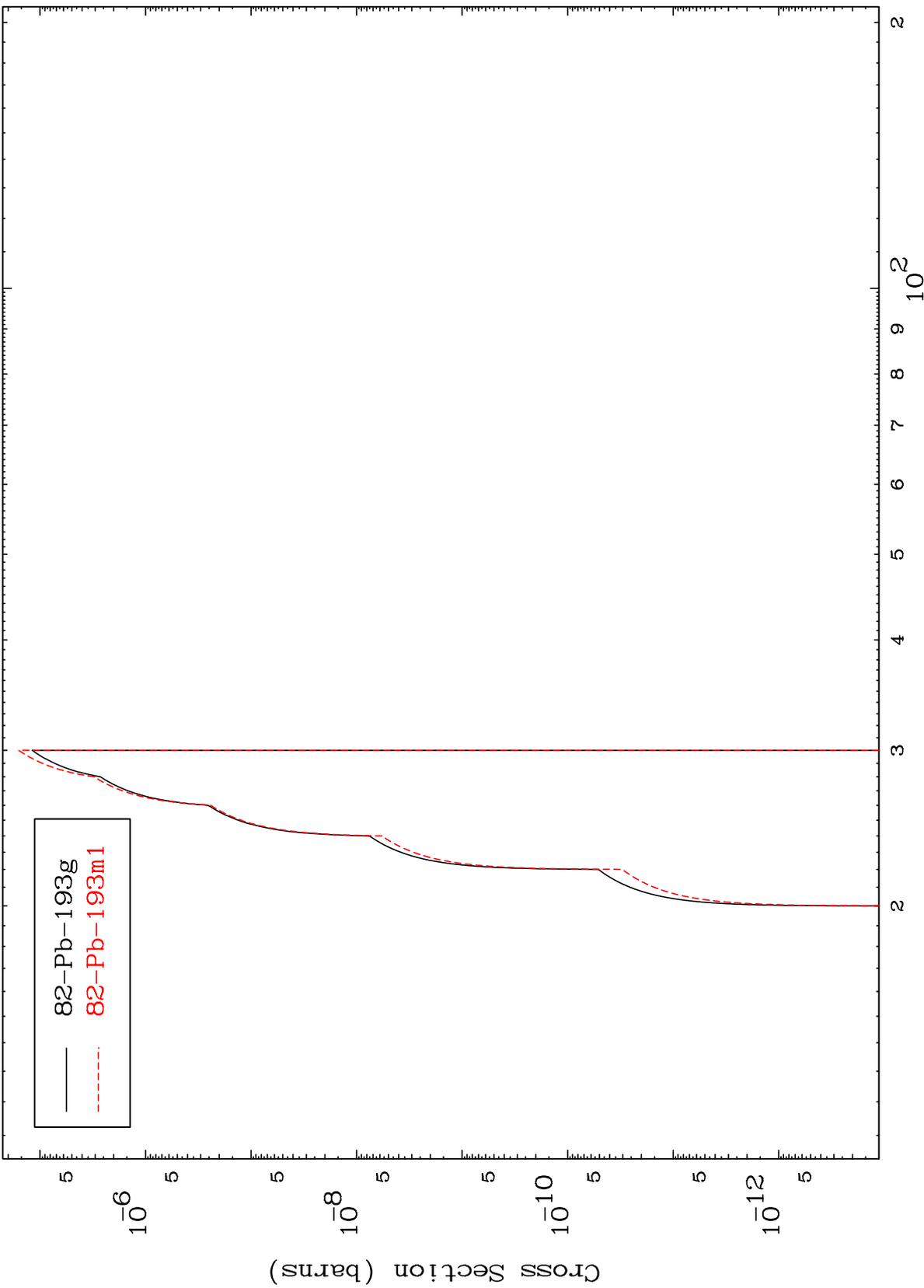


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(n,p) t

83-Bi-196

Radionuclide Production Cross Section

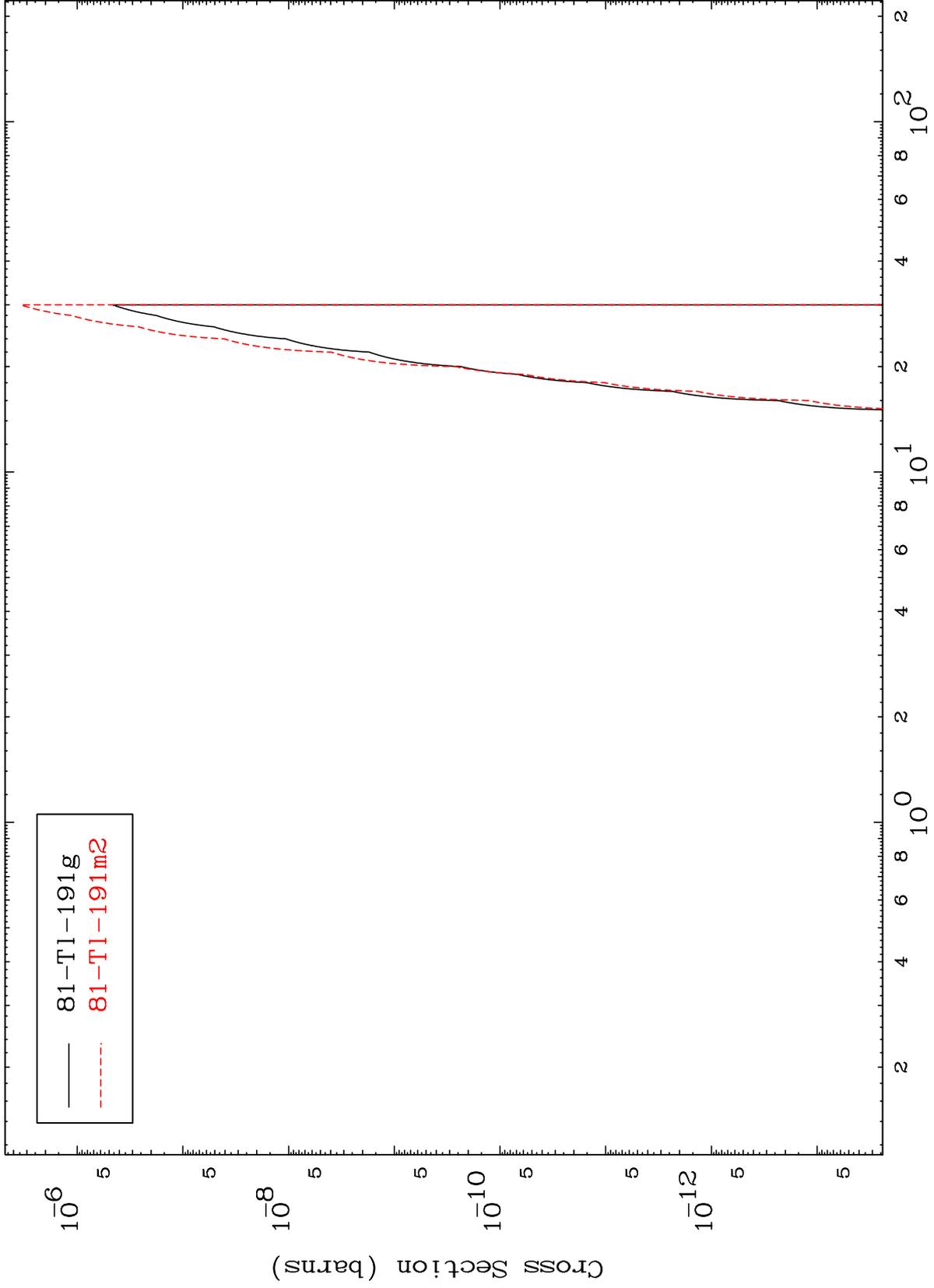


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(n,d) α

83-Bi-196

Radionuclide Production Cross Section



30

Incident Energy (MeV)

83-Bi-196