

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

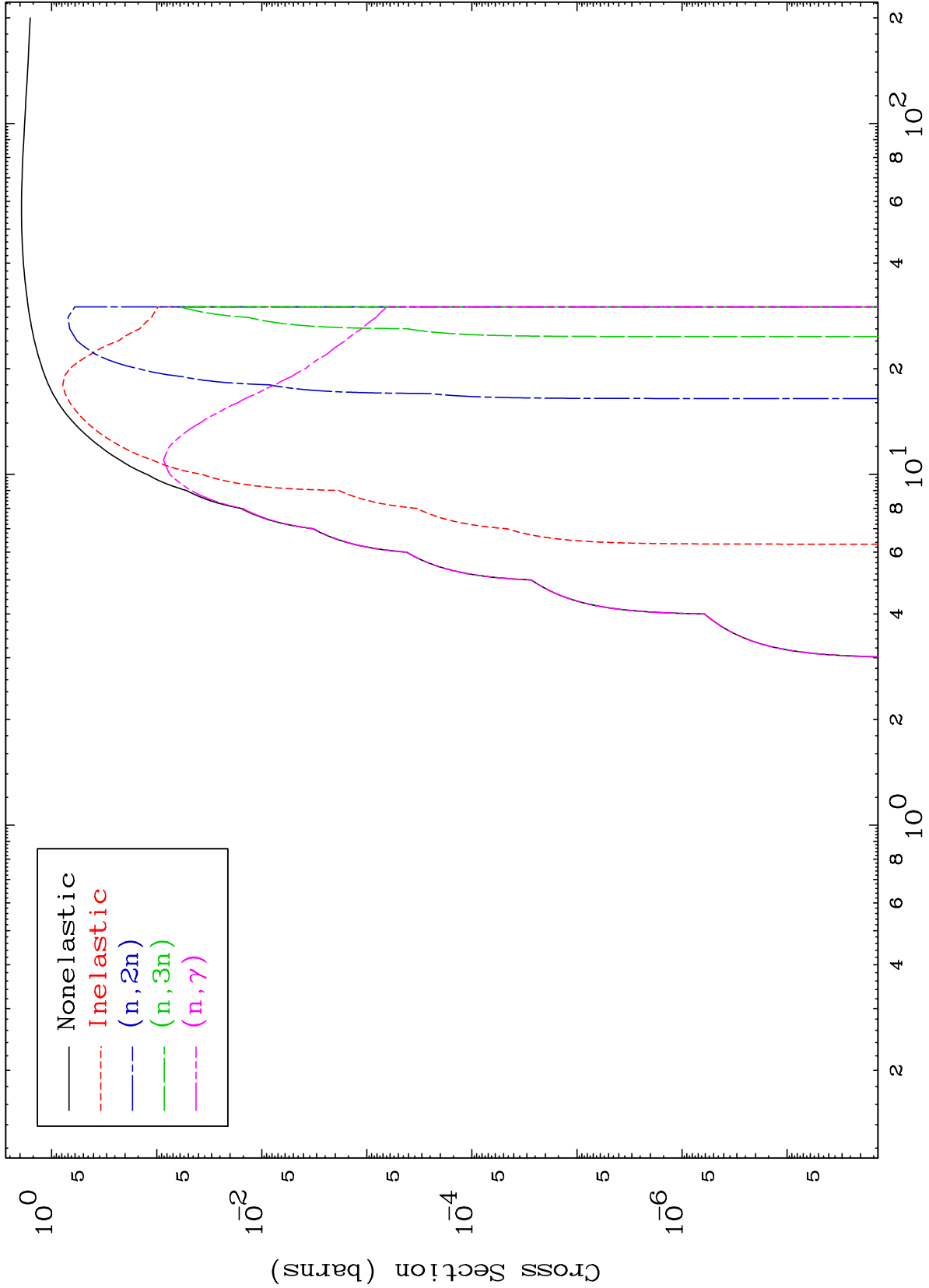
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Web:redcullen1.net/HOMEPAGE.NEW

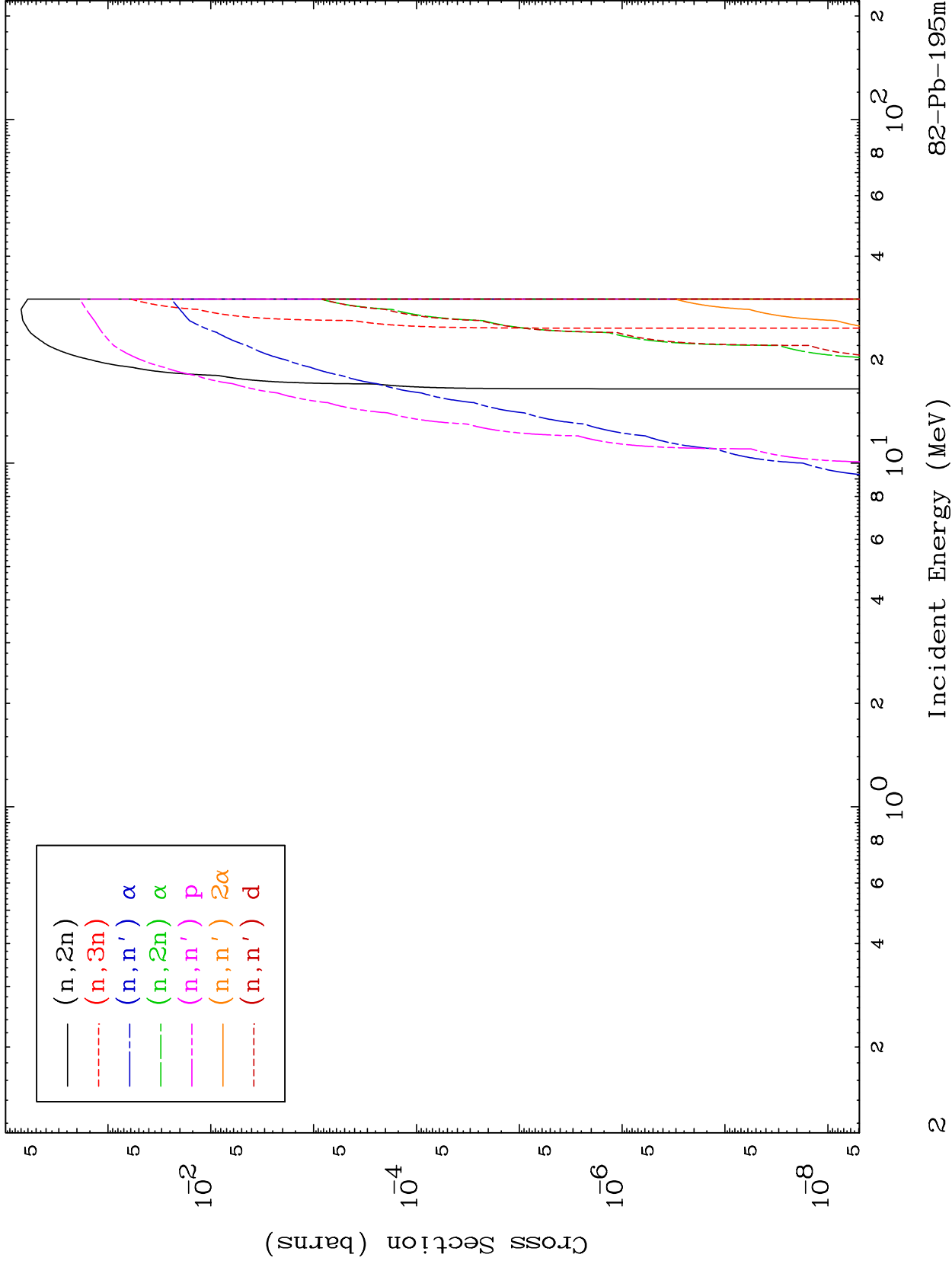
Press Mouse Button to Start

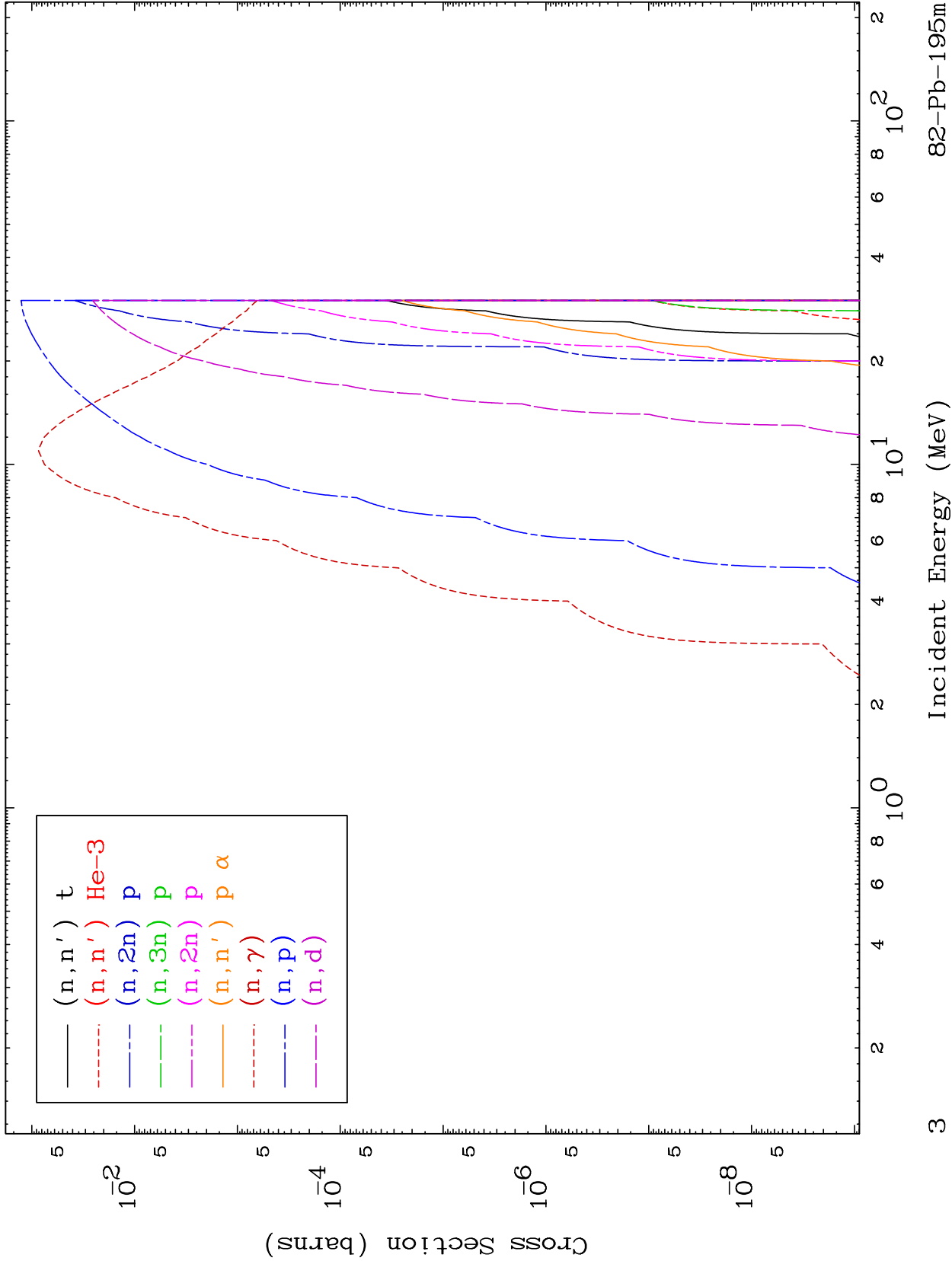


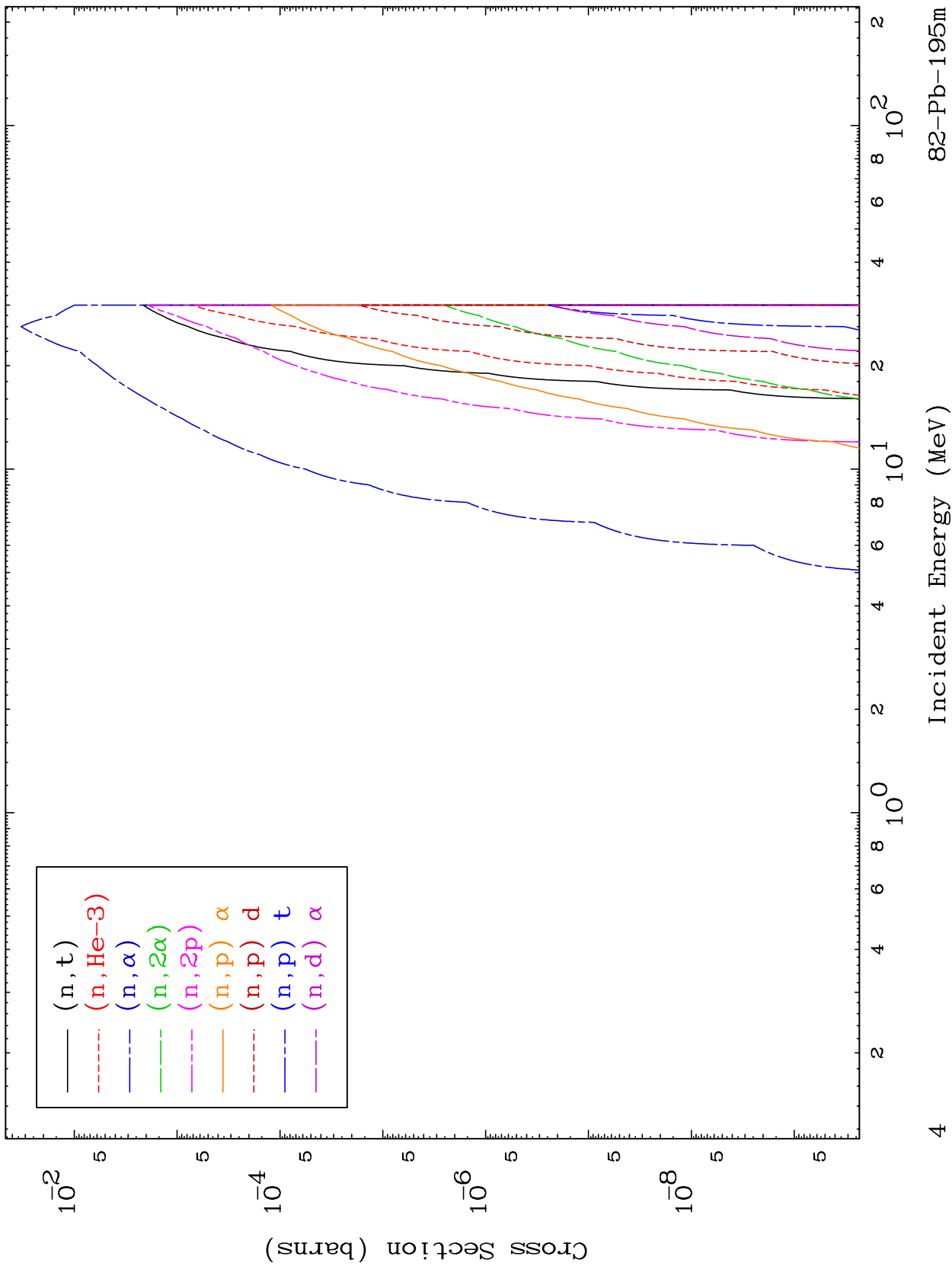
MAT 8199

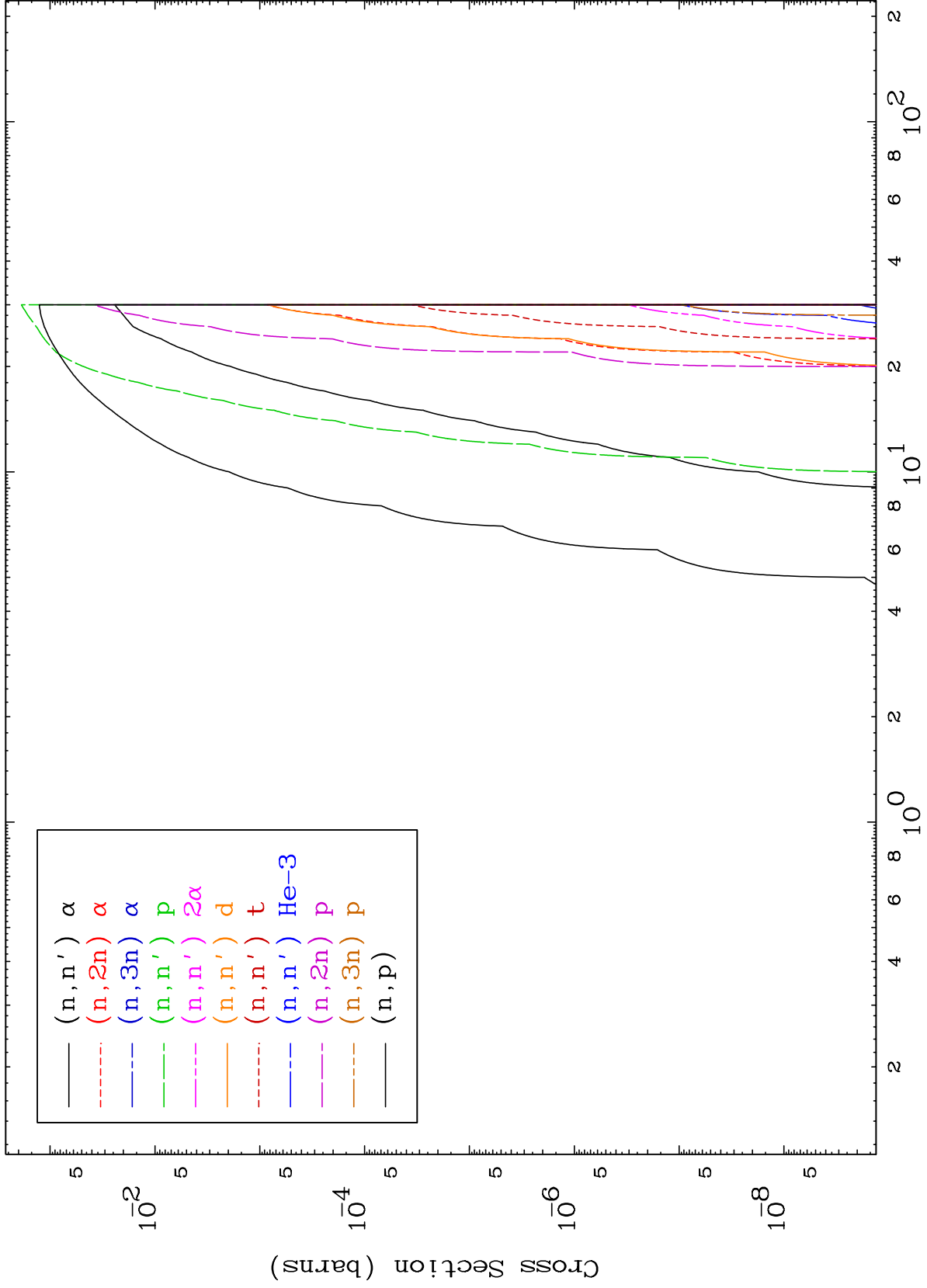
Proton Neutron Absorption
0 Kelvin Cross Sections

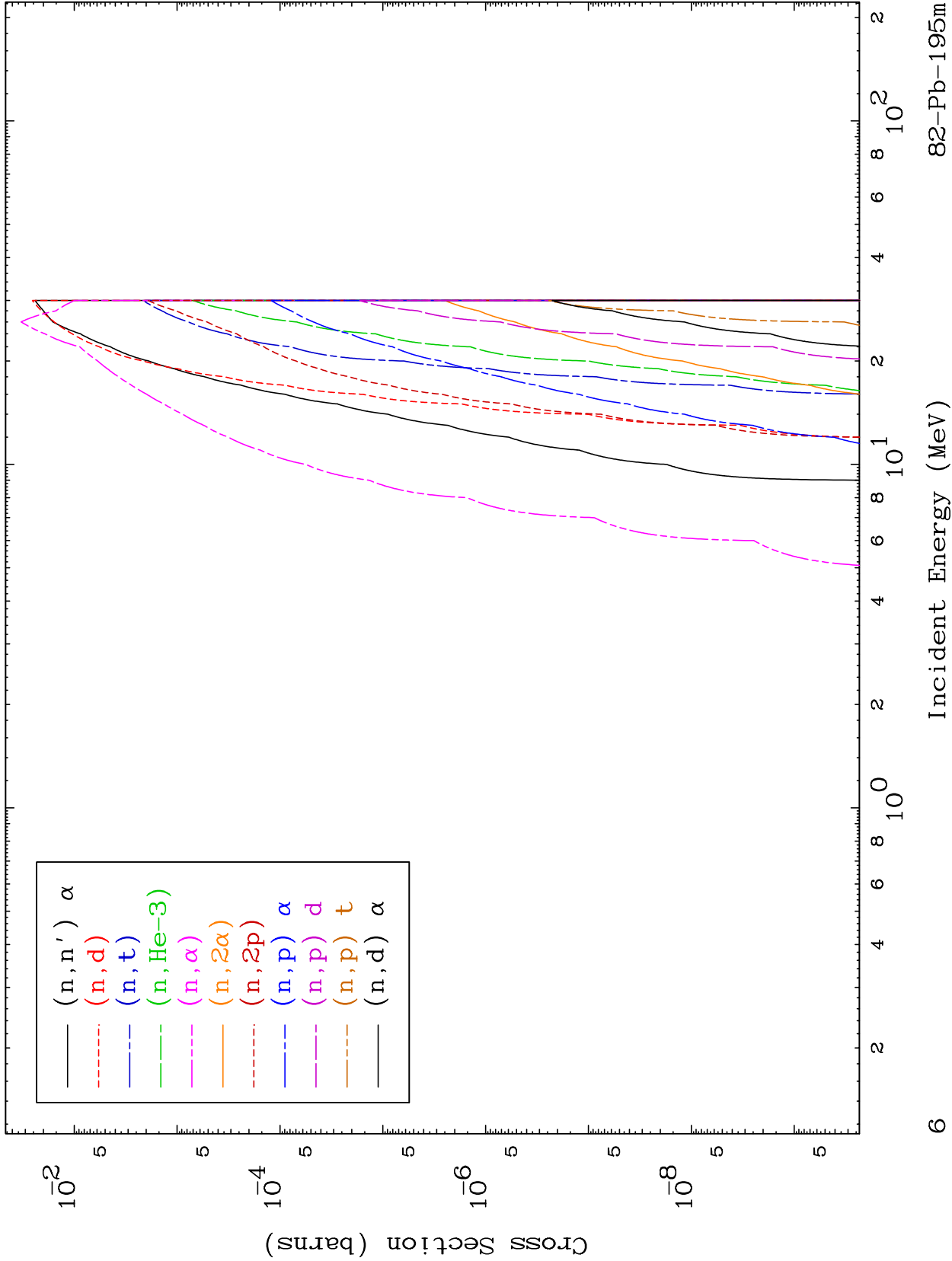
82-Pb-195m









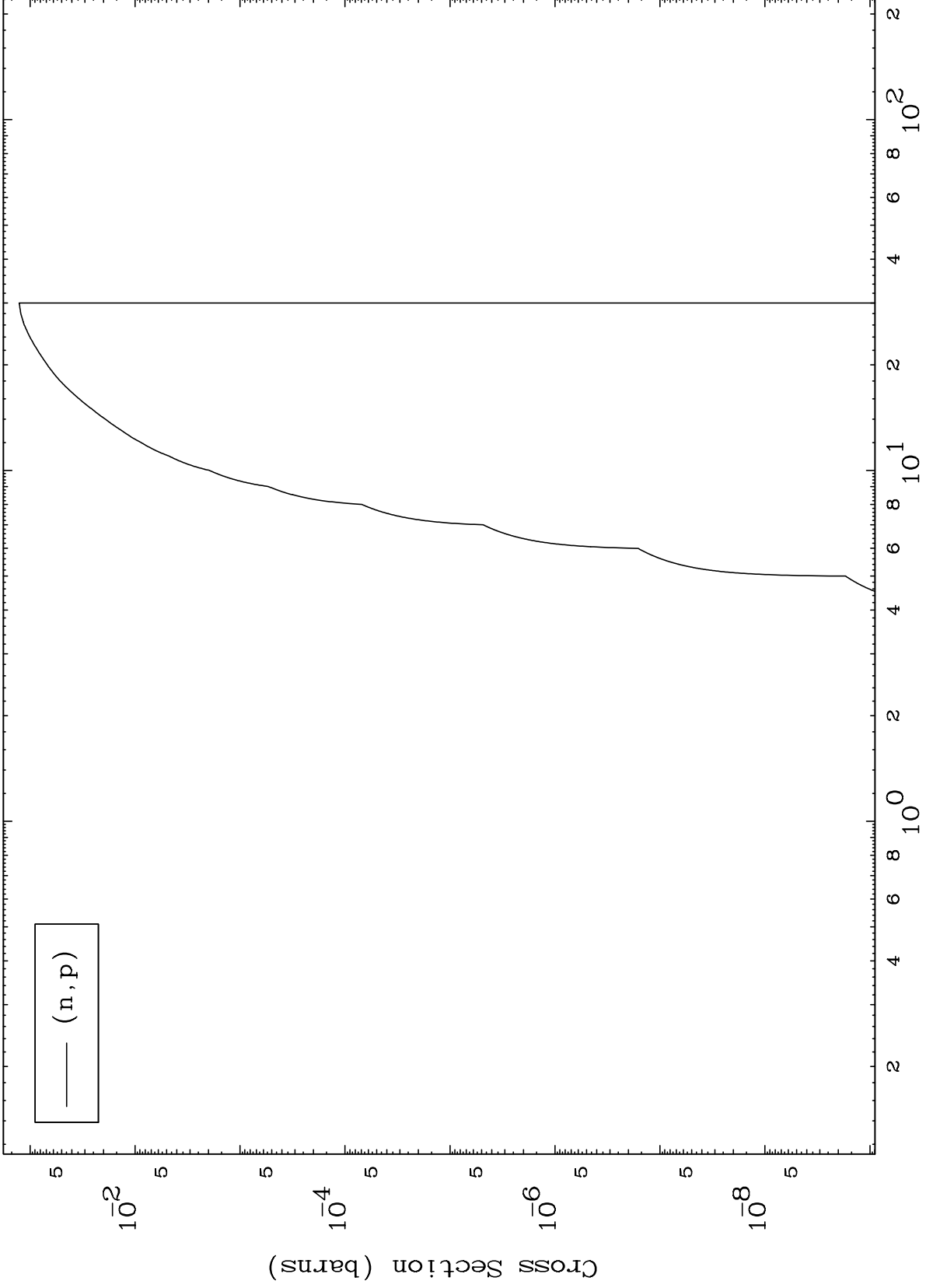


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(p,p) Levels

82-Pb-195m

0 Kelvin Cross Sections

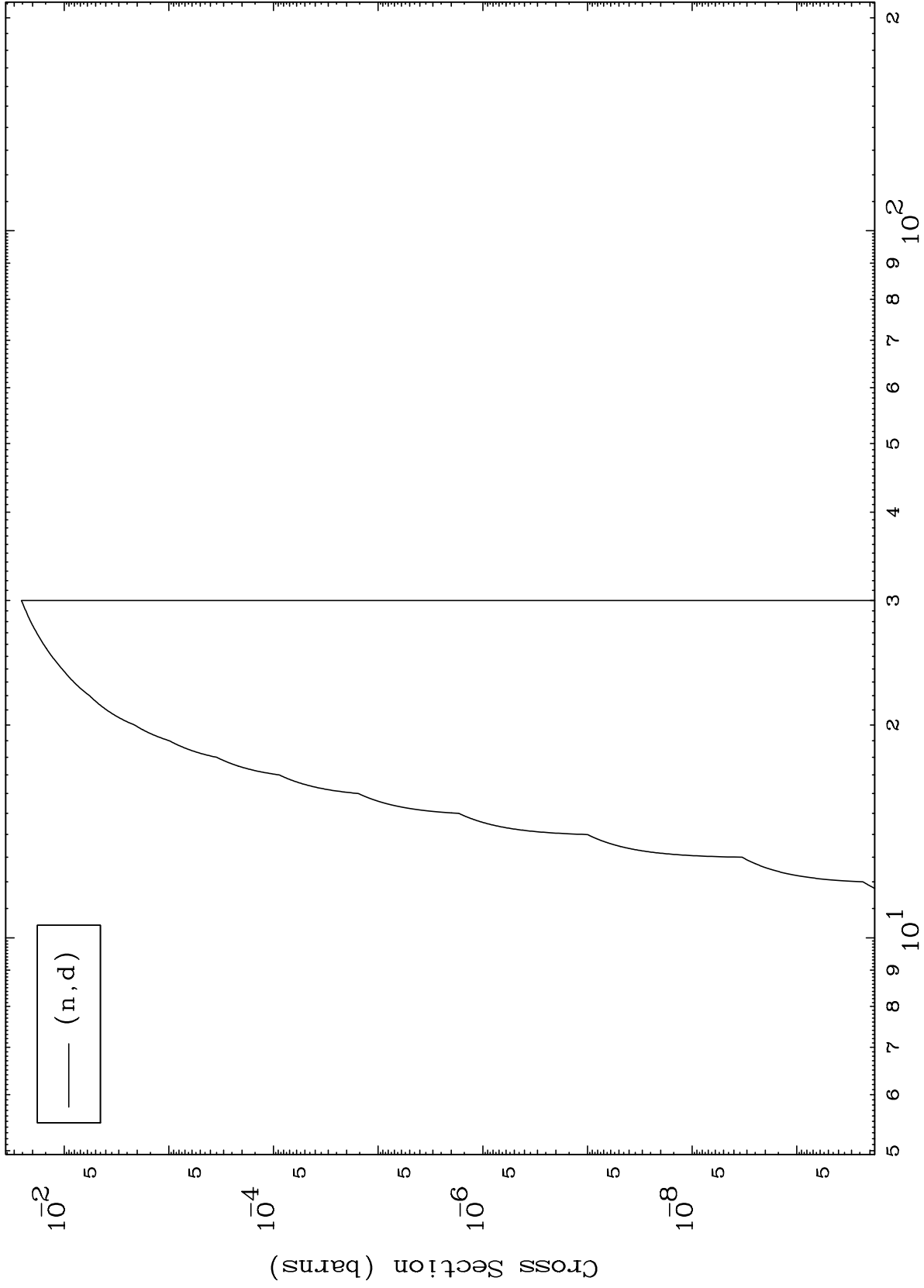


(n,p)

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(p,d) Levels
0 Kelvin Cross Sections

82-Pb-195m



8

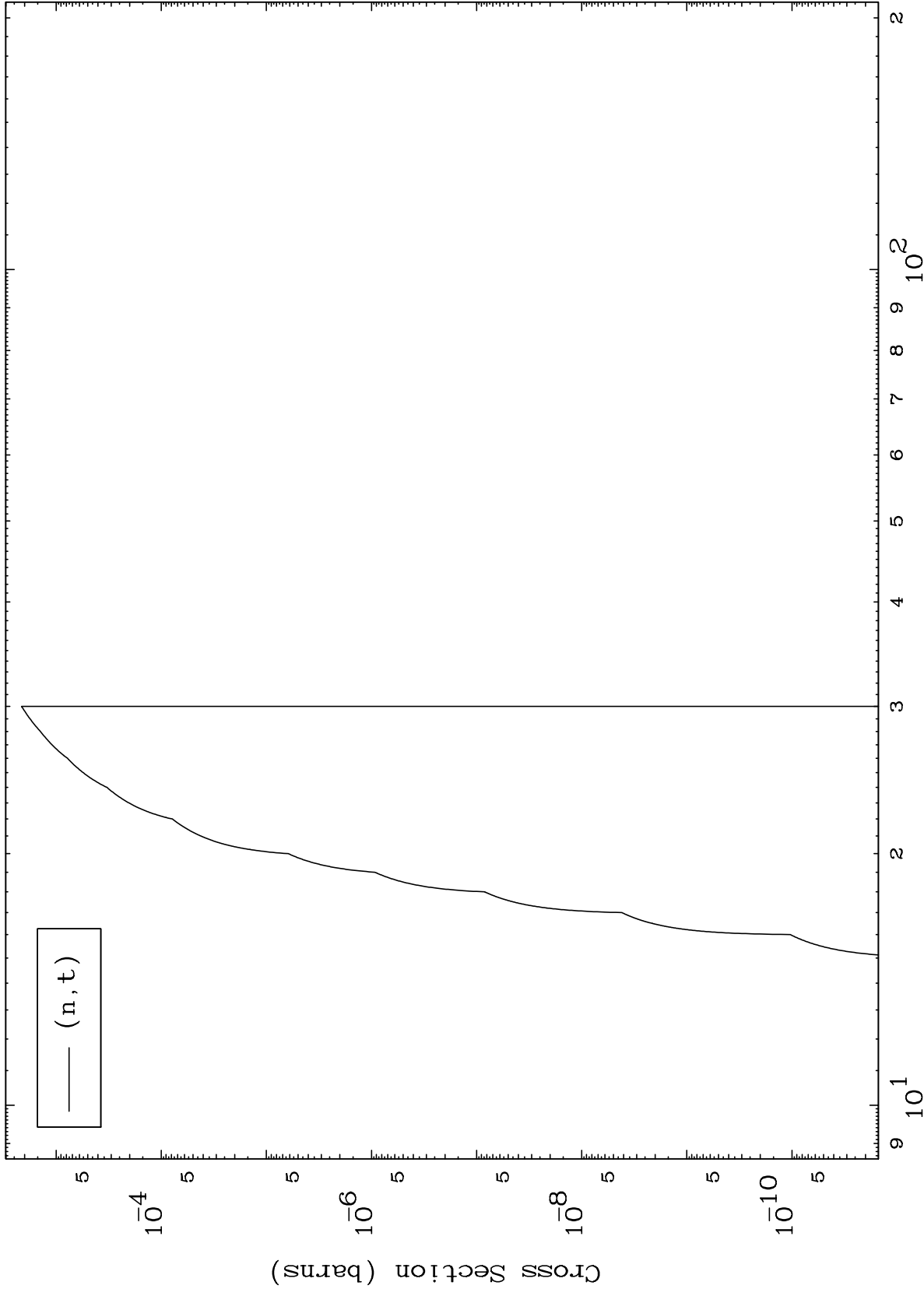
Incident Energy (MeV)

82-Pb-195m

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(p, t) Levels
0 Kelvin Cross Sections

82-Pb-195m



9

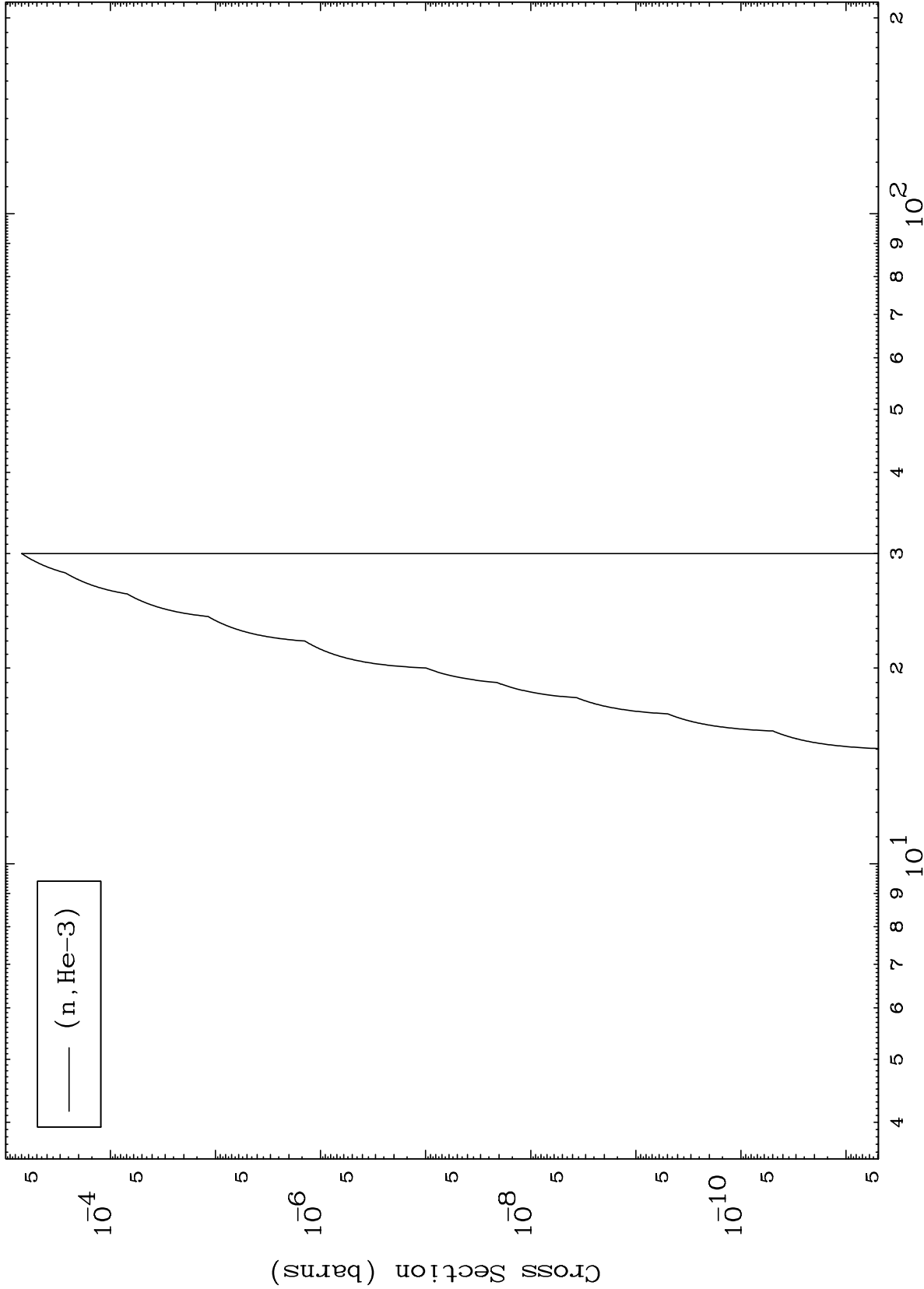
Incident Energy (MeV)

82-Pb-195m

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(p,He3) Levels
0 Kelvin Cross Sections

82-Pb-195m



10

Incident Energy (MeV)

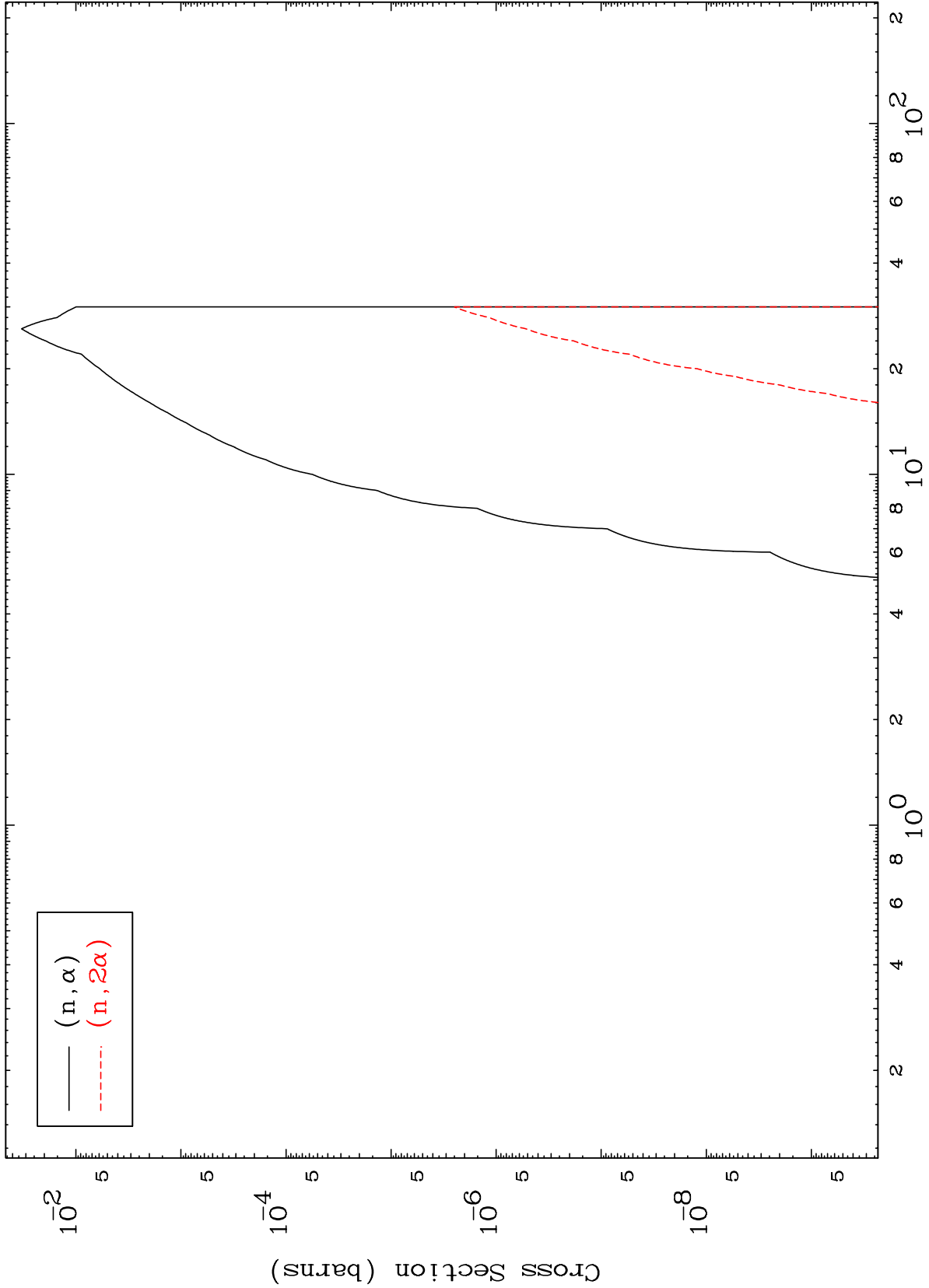
82-Pb-195m

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(p, α) Levels

82-Pb-195m

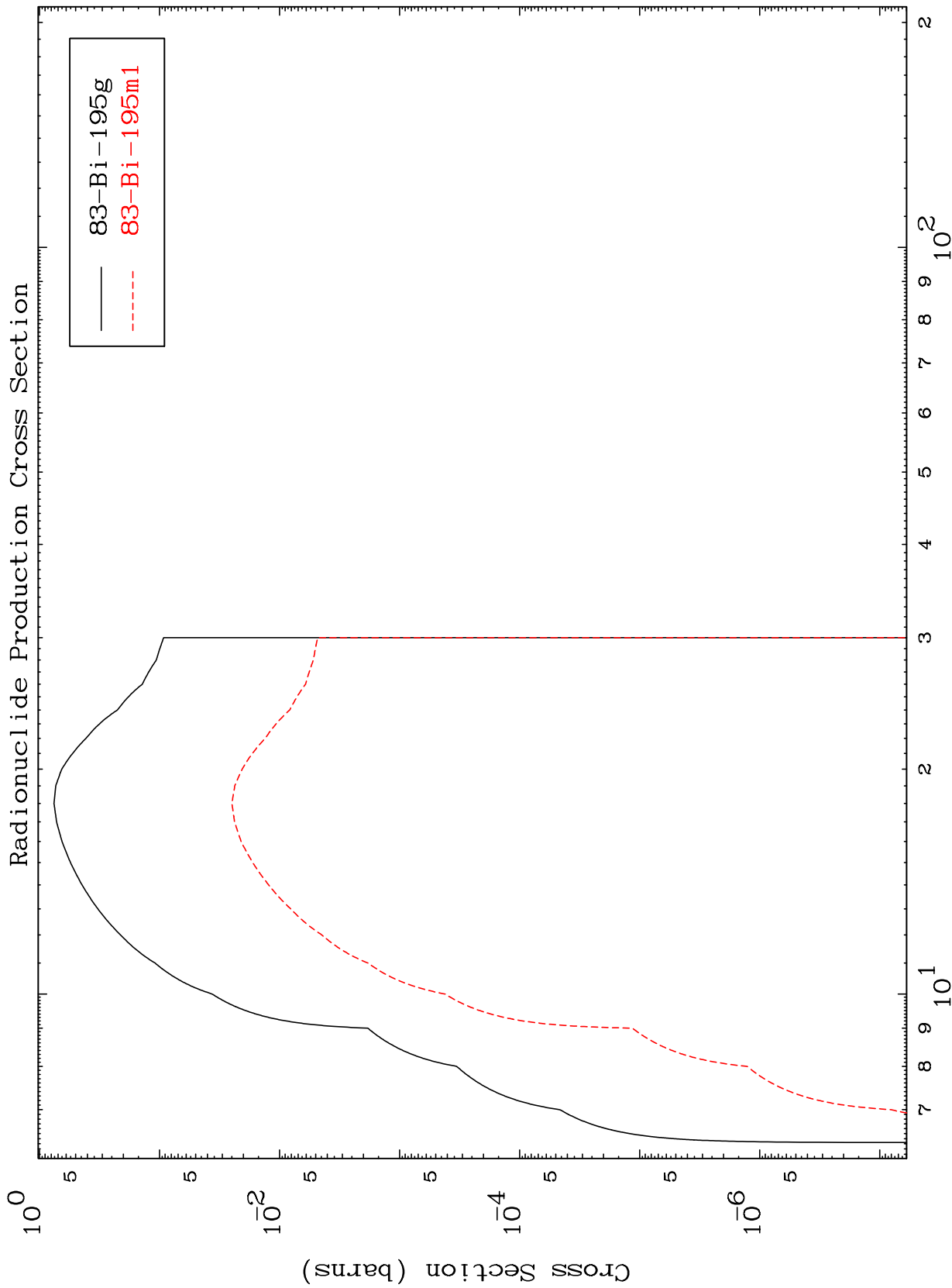
0 Kelvin Cross Sections



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82-Pb-195m

Inelastic
Radionuclide Production Cross Section

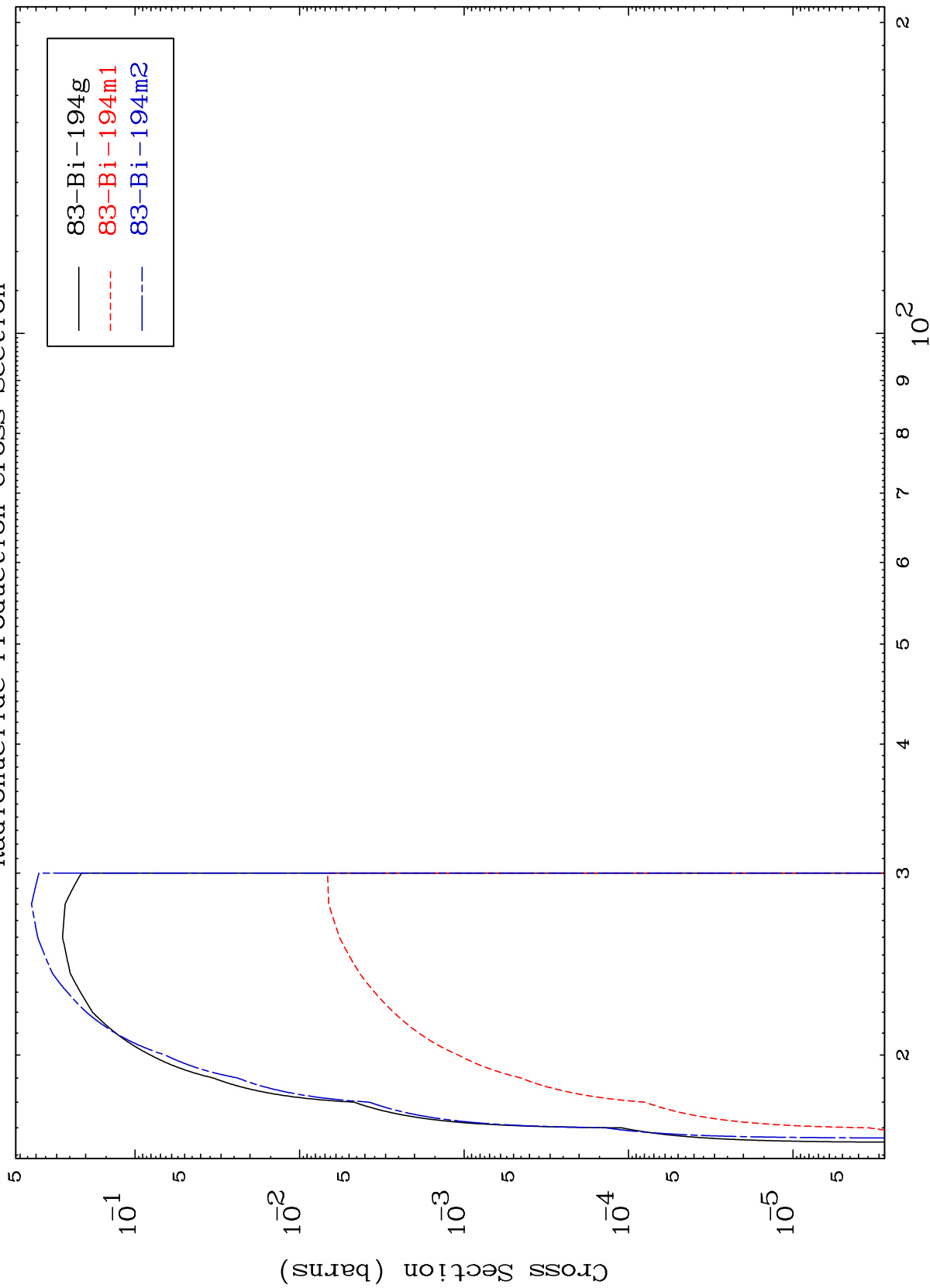


Incident Energy (MeV)

82-Pb-195m

12

(n,2n)
Radionuclide Production Cross Section

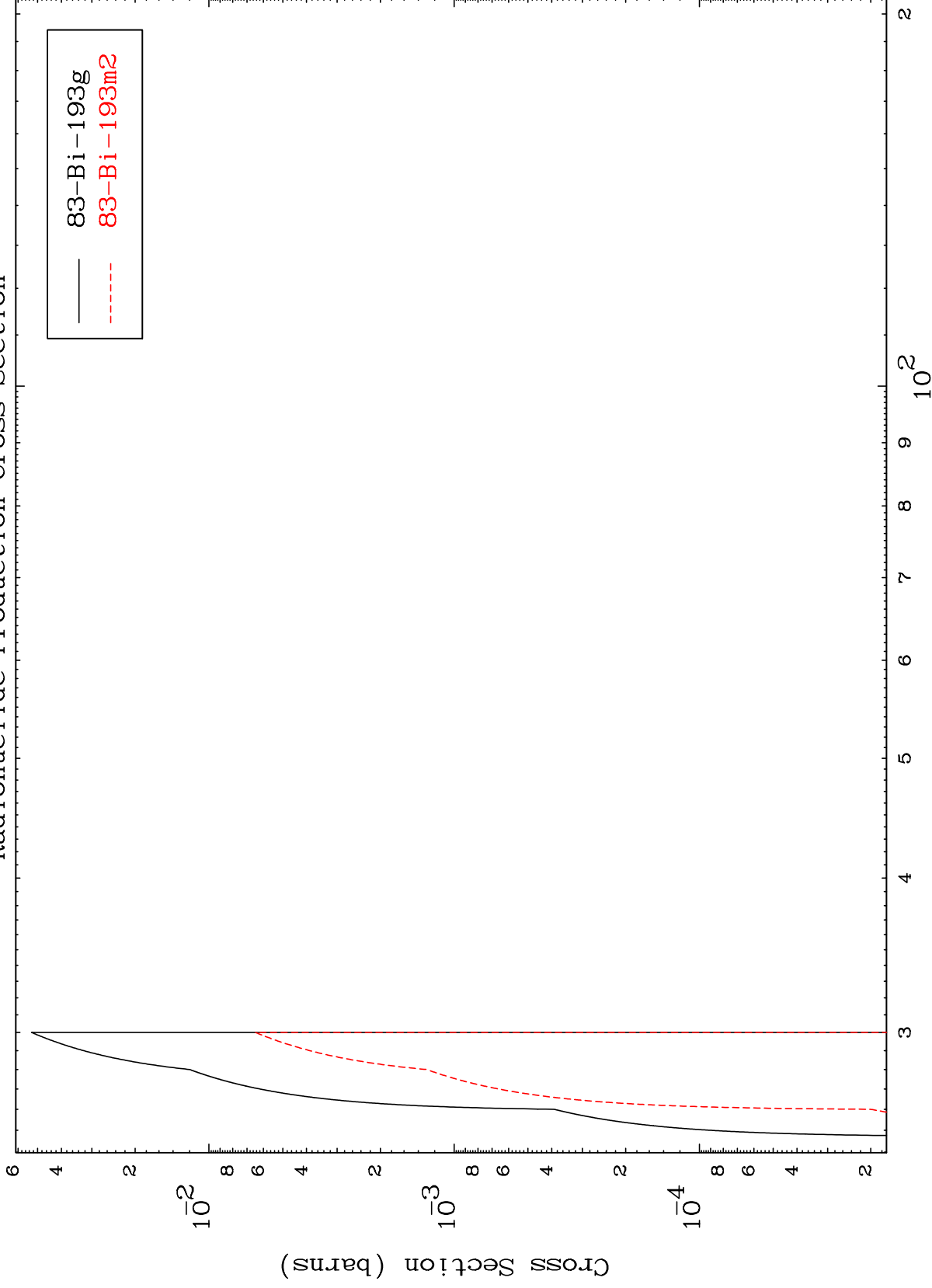


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(n,3n)

82-Pb-195m

Radionuclide Production Cross Section



14

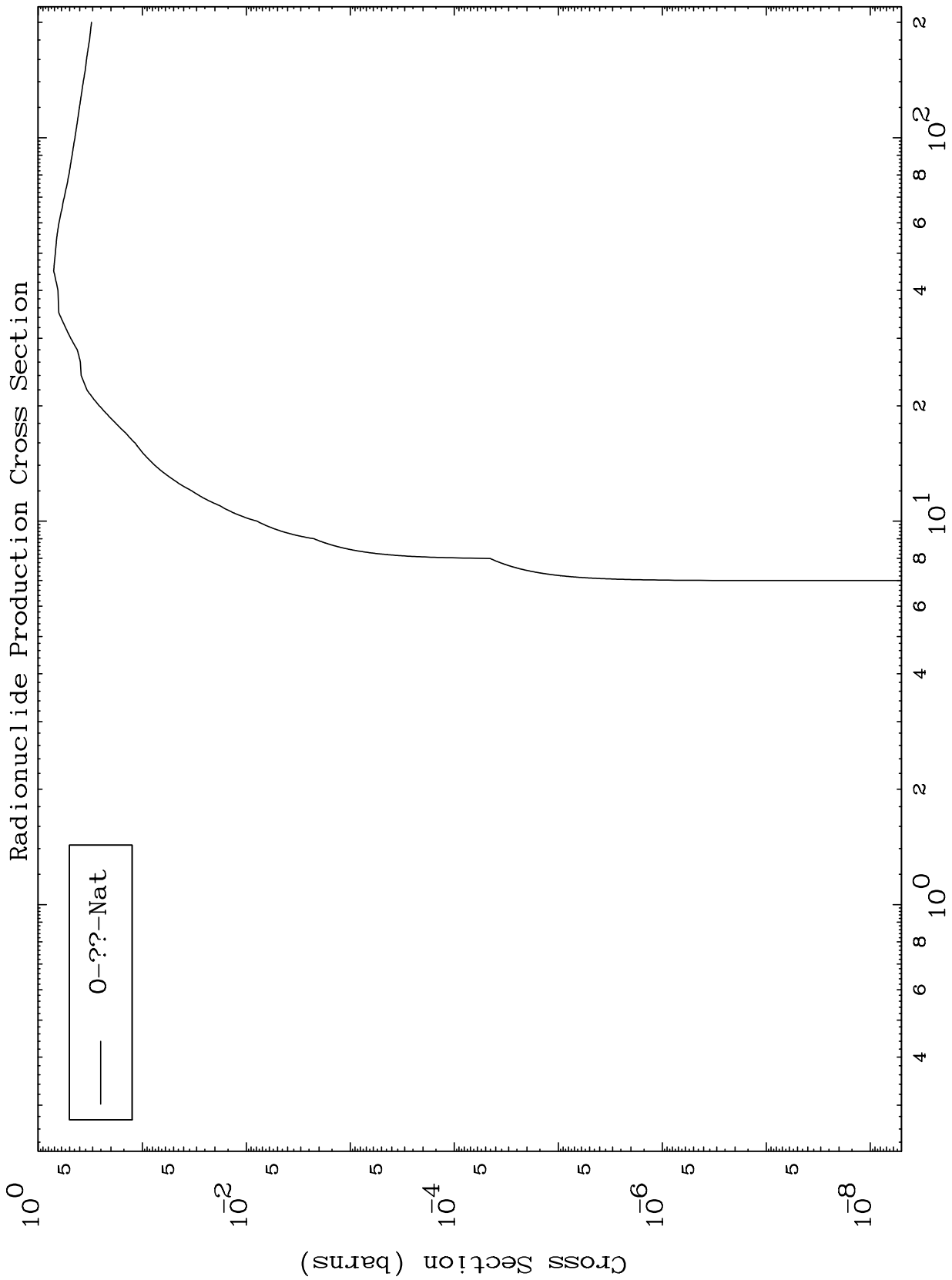
Incident Energy (MeV)

82-Pb-195m

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Fission

⁸²Pb-195m

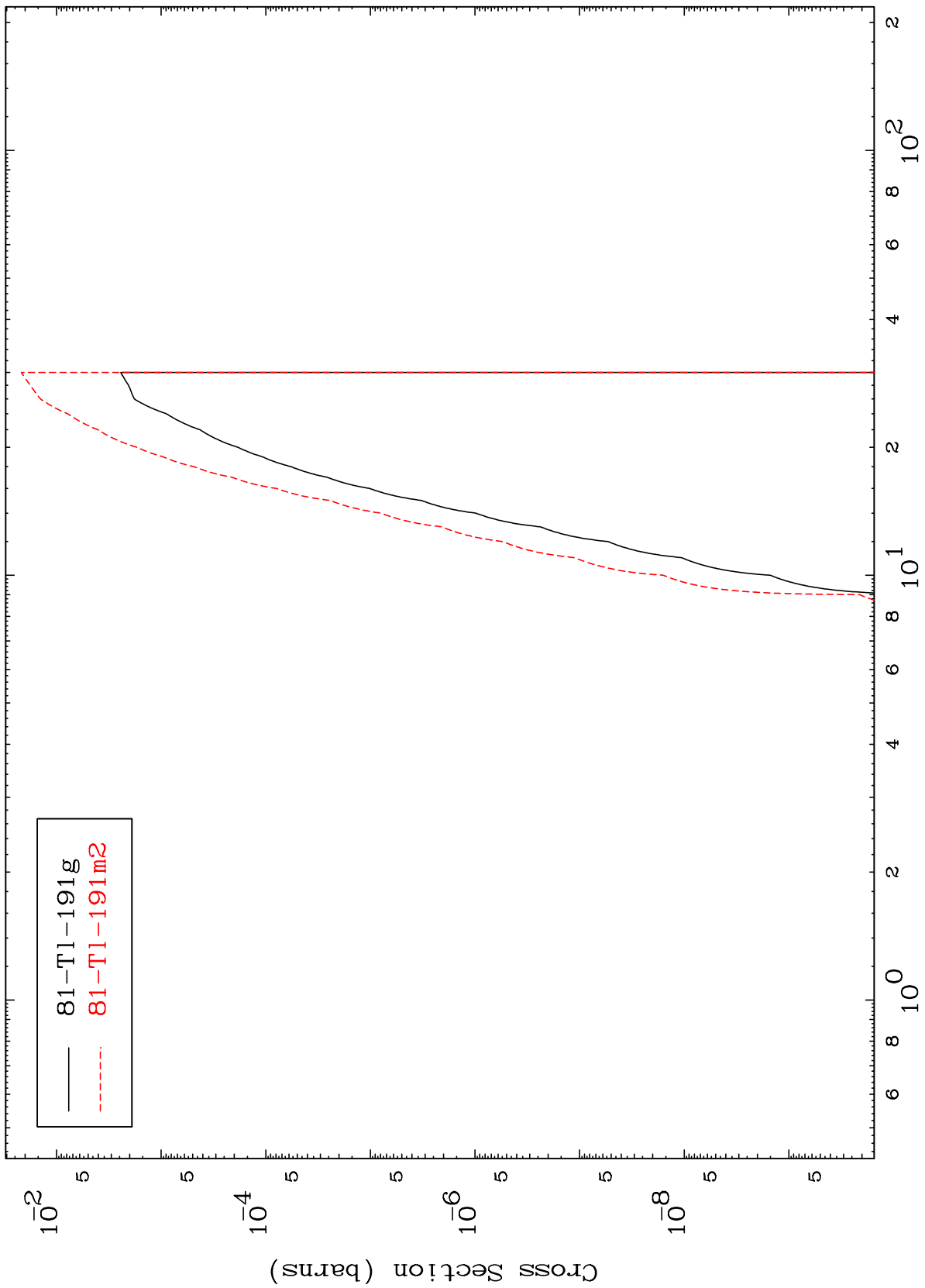


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$(n, n') \alpha$

82-Pb-195m

Radionuclide Production Cross Section



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

16

Incident Energy (MeV)

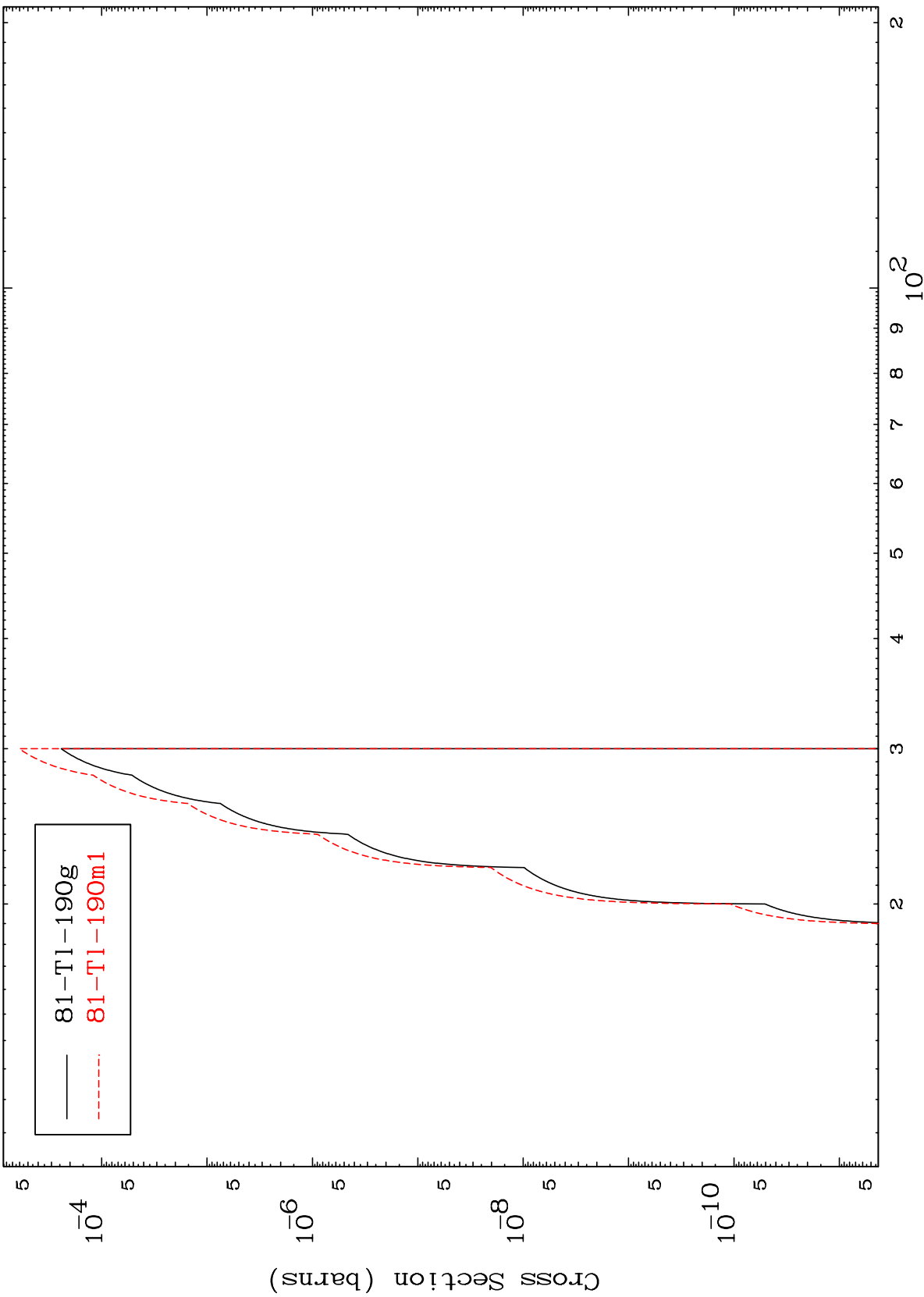
82-Pb-195m

MAT 8199

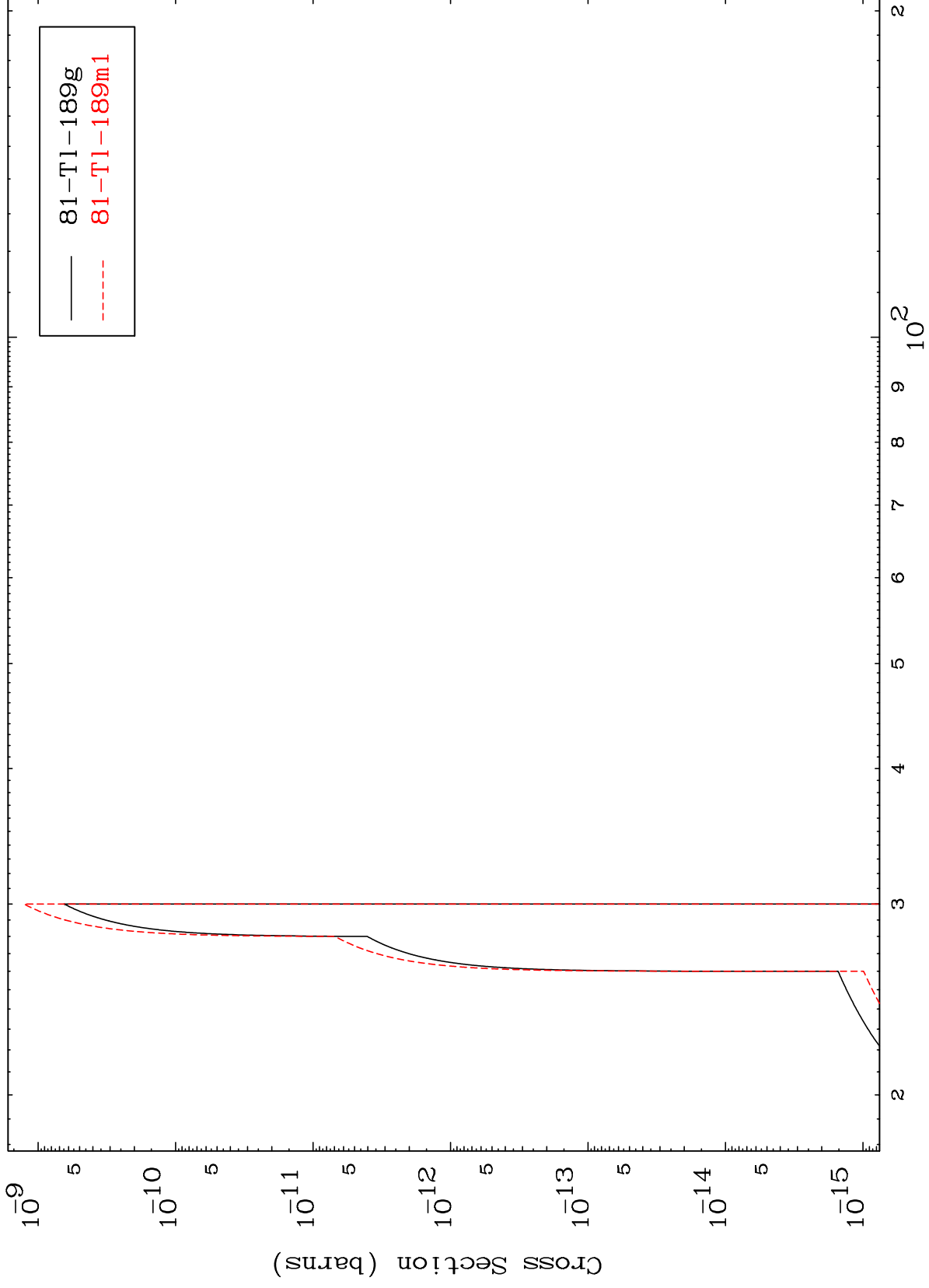
(n,2n) α

82-Pb-195m

Radionuclide Production Cross Section



Radionuclide Production Cross Section

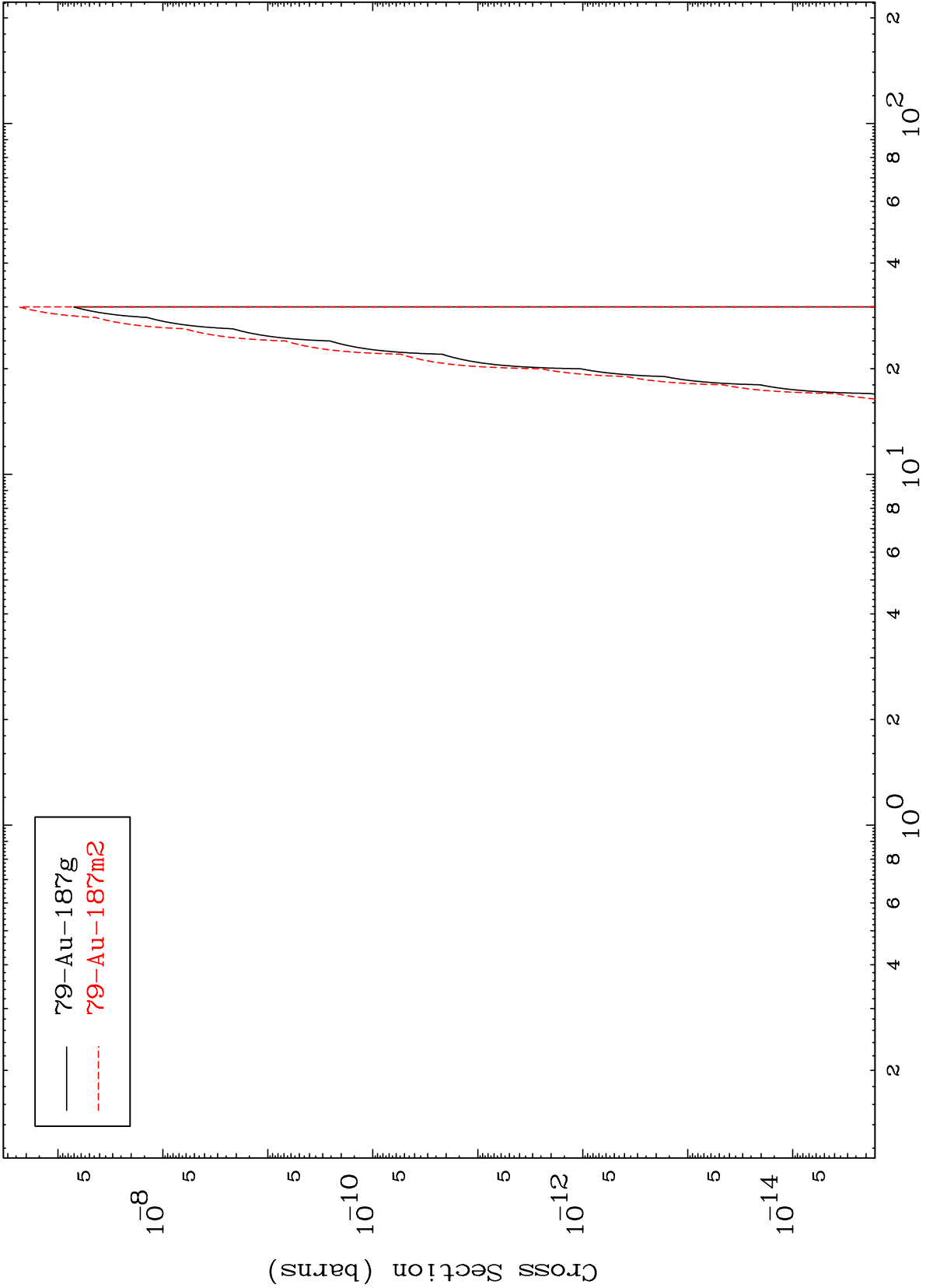


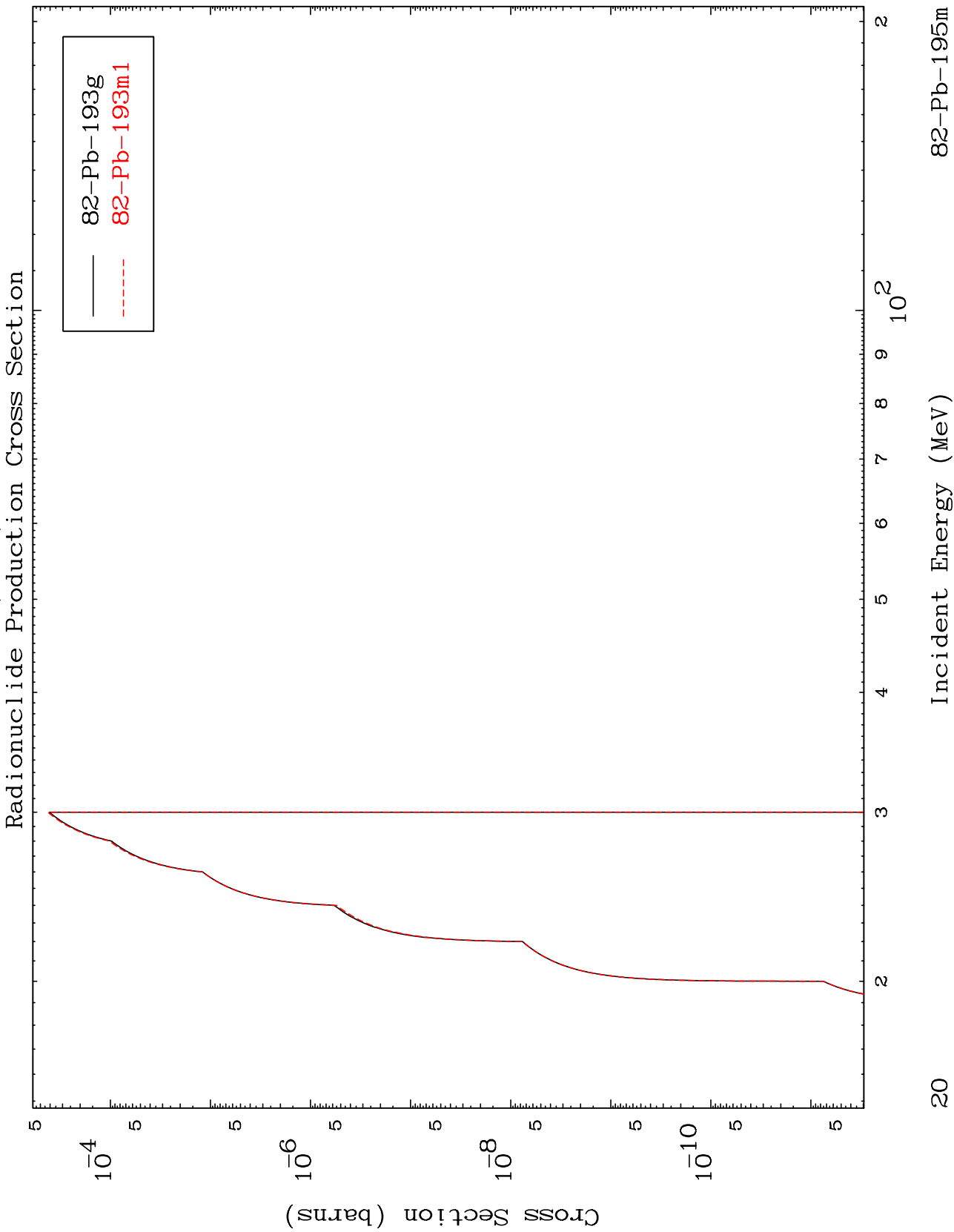
MAT 8199

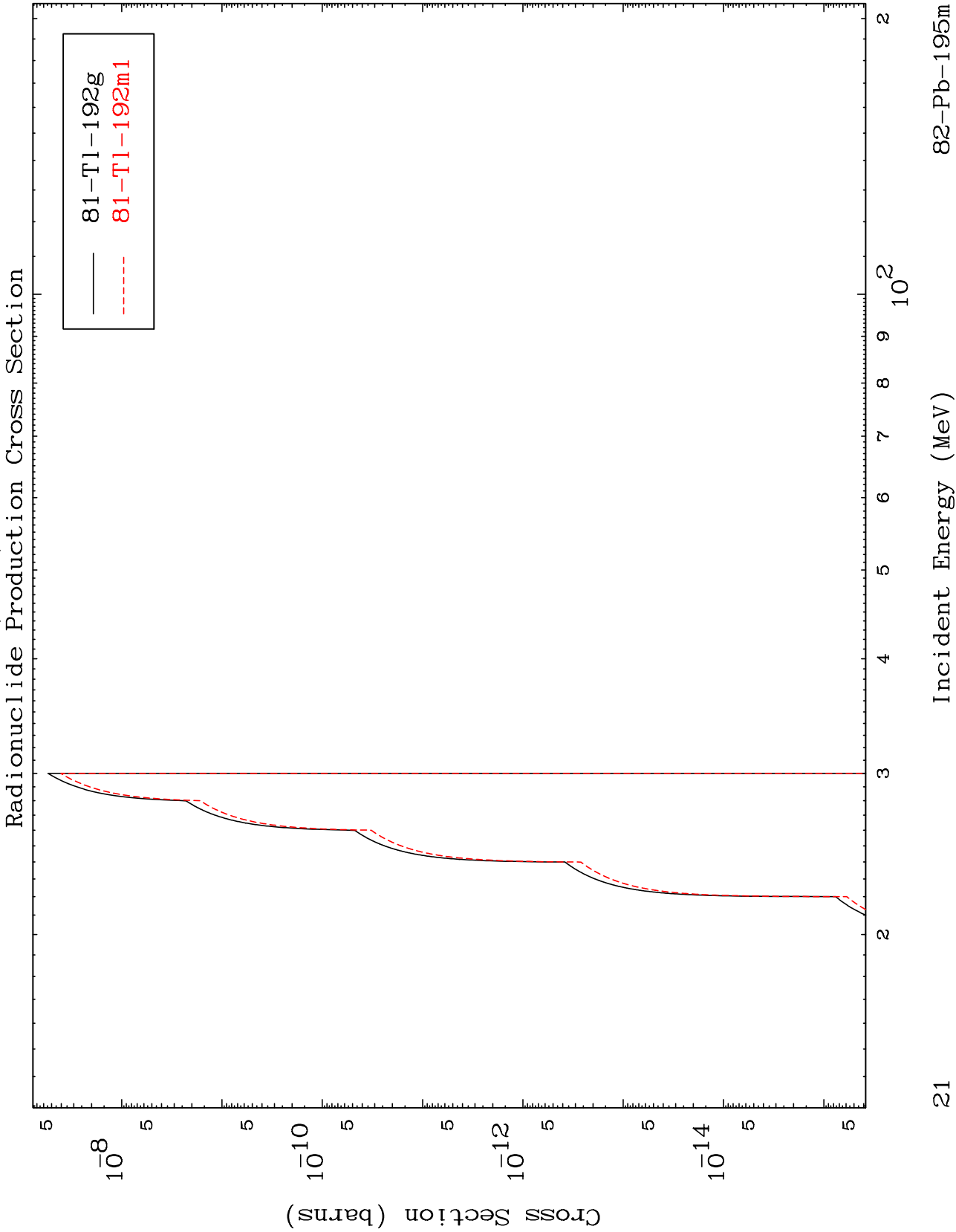
(n,n') 2 α

82-Pb-195m

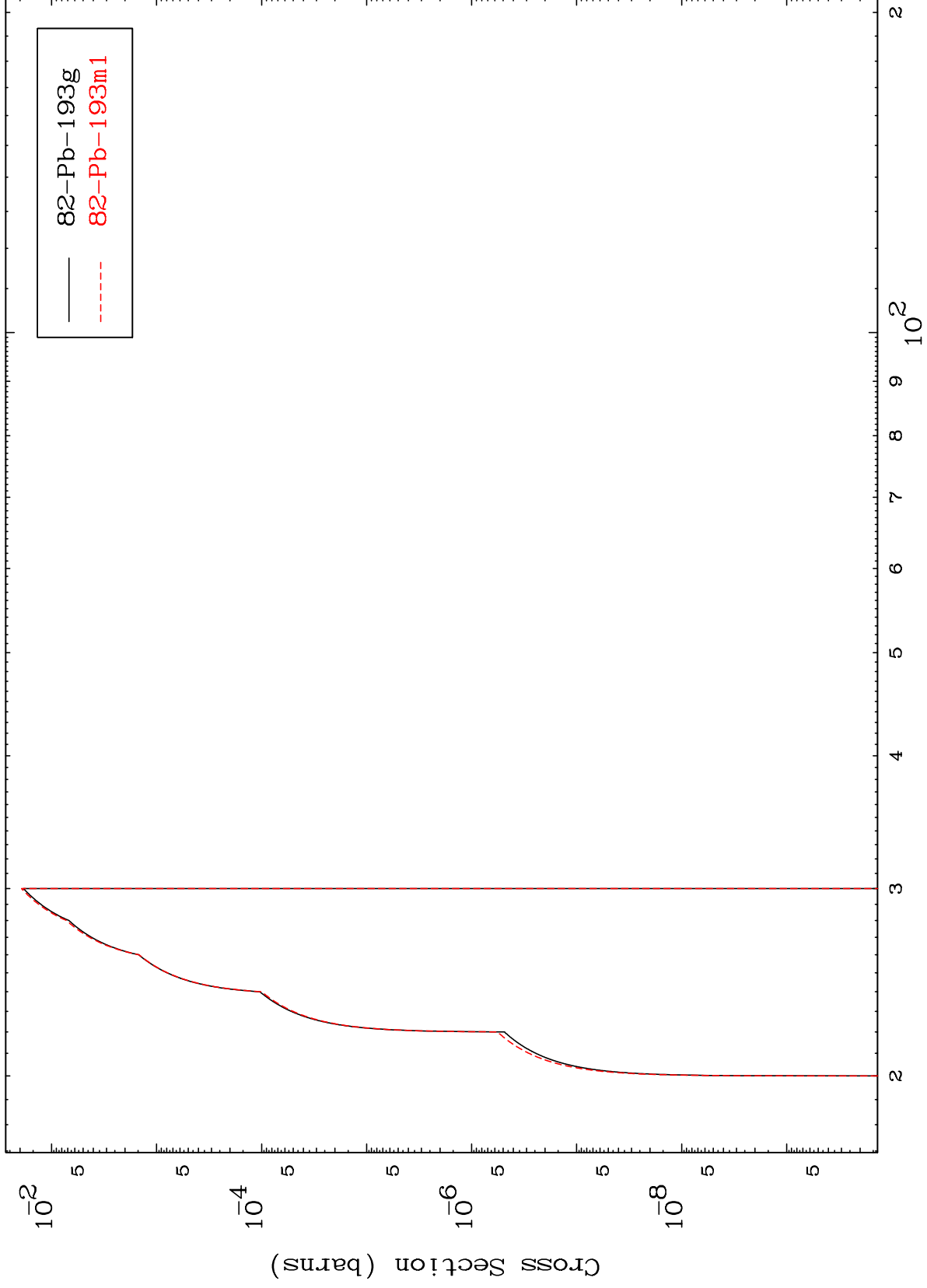
Radionuclide Production Cross Section







Radionuclide Production Cross Section

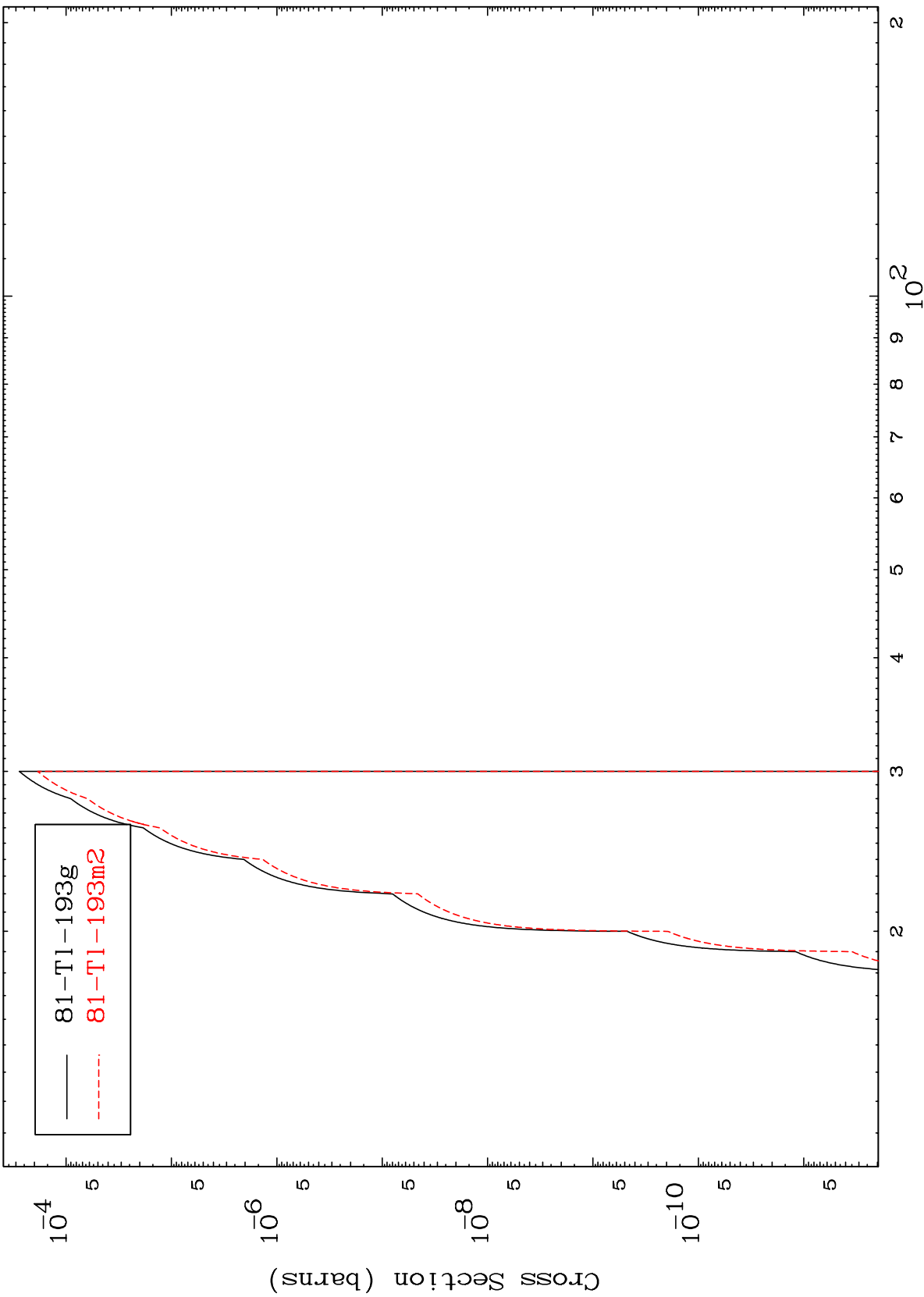


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(n,2n) p

82-Pb-195m

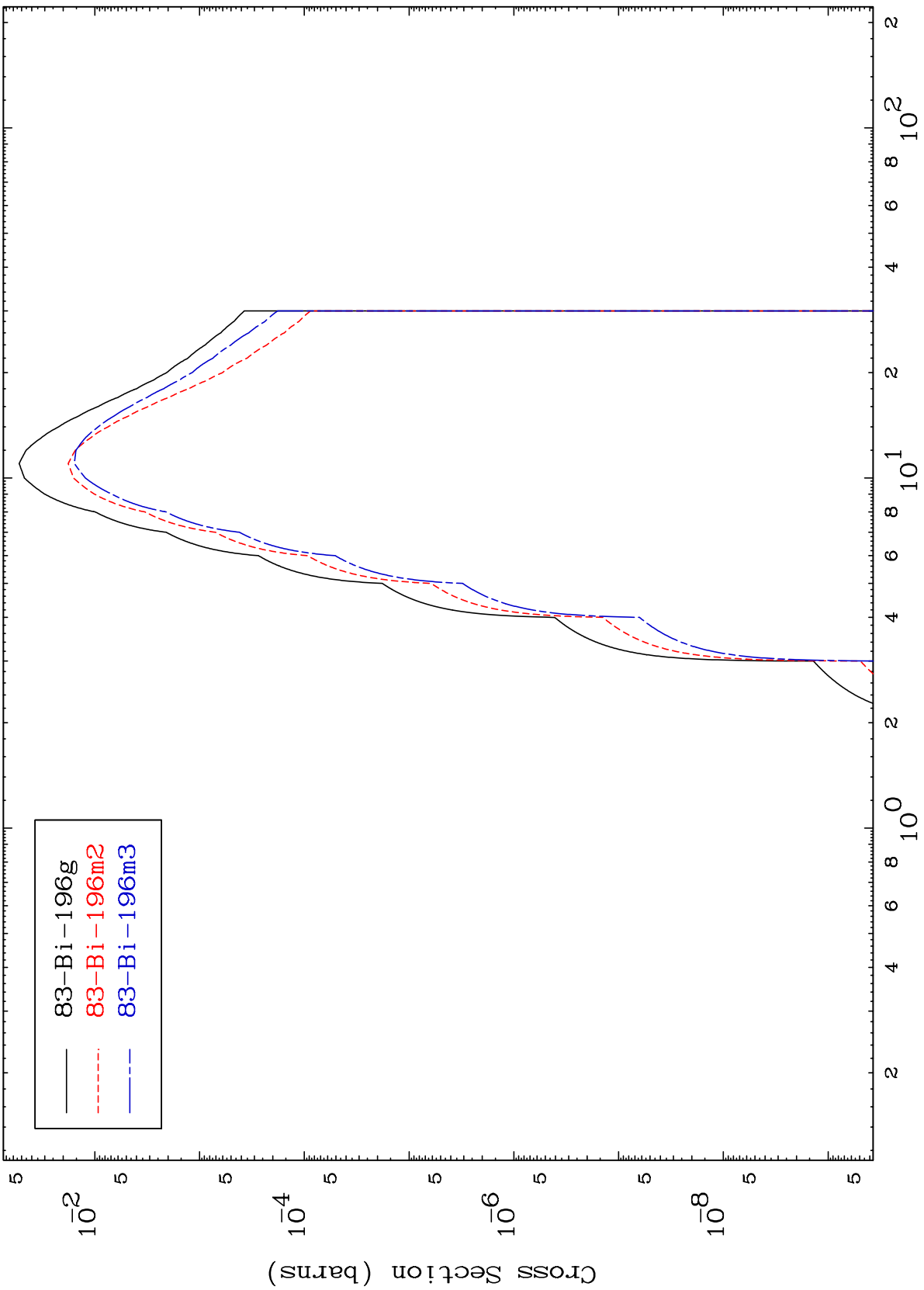
Radionuclide Production Cross Section



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82-Pb-195m

Radionuclide Production Cross Section
(n, γ)



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

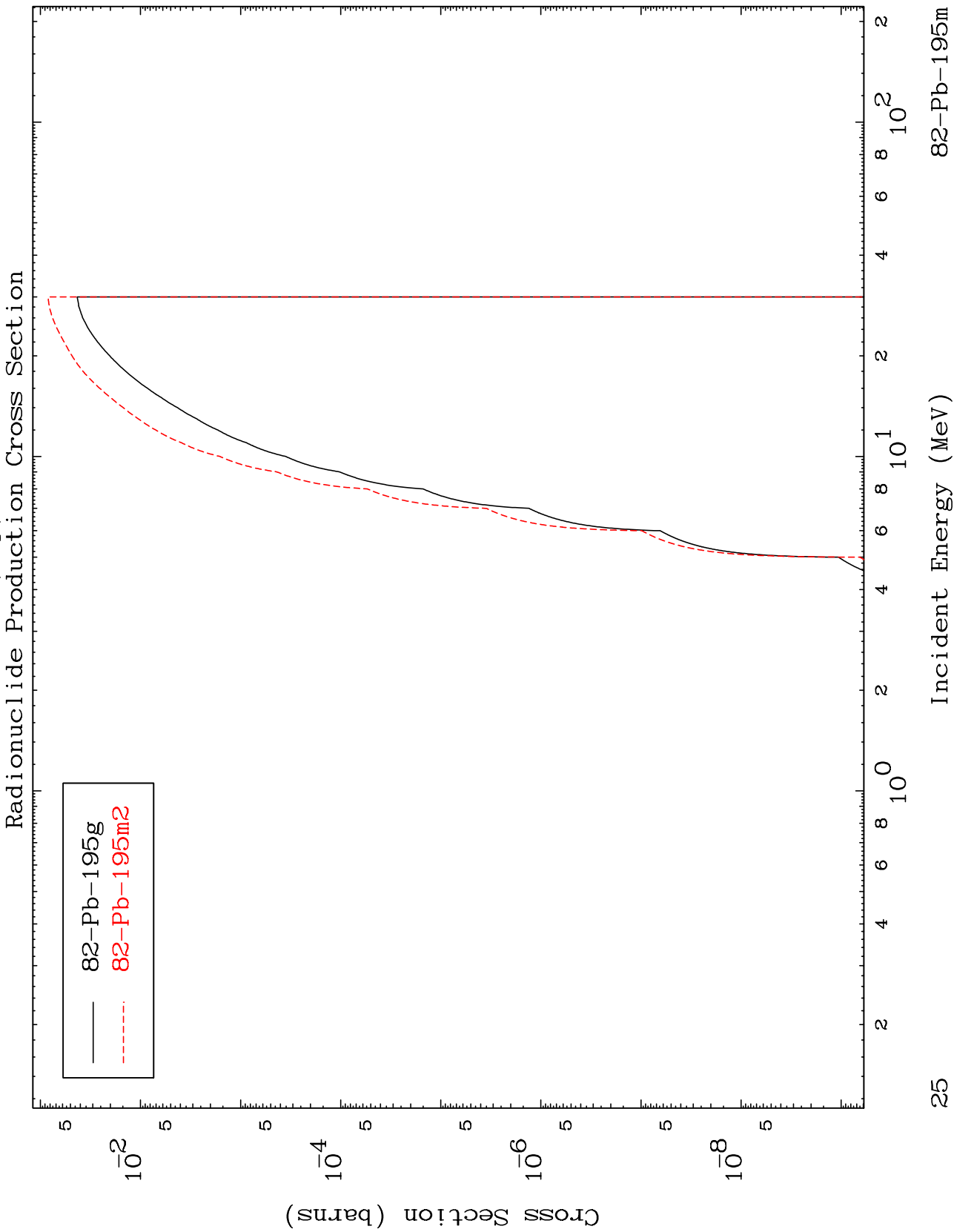
82-Pb-195m

Incident Energy (MeV)

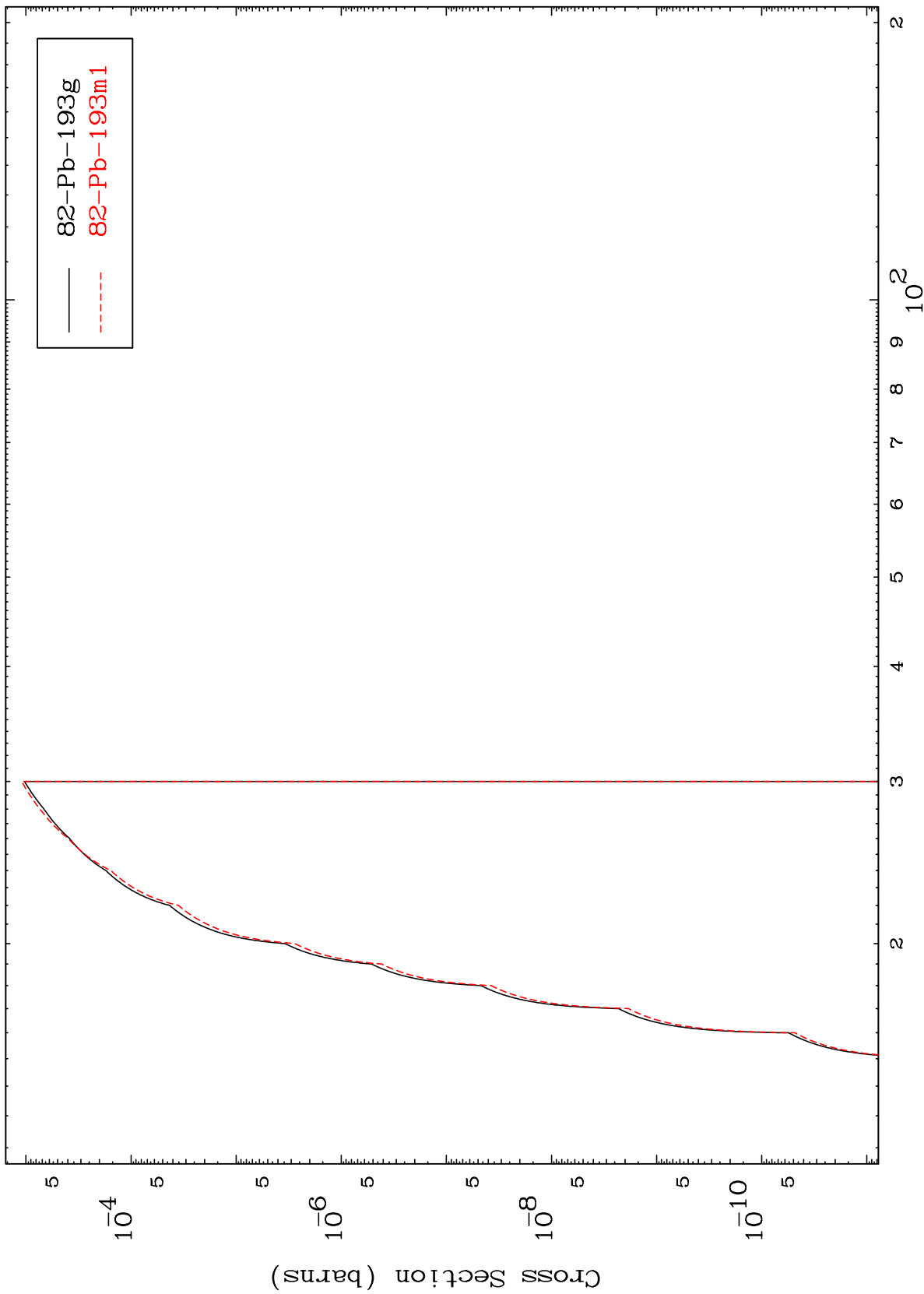
24

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⁸²Pb-195m



(n,t)
Radionuclide Production Cross Section

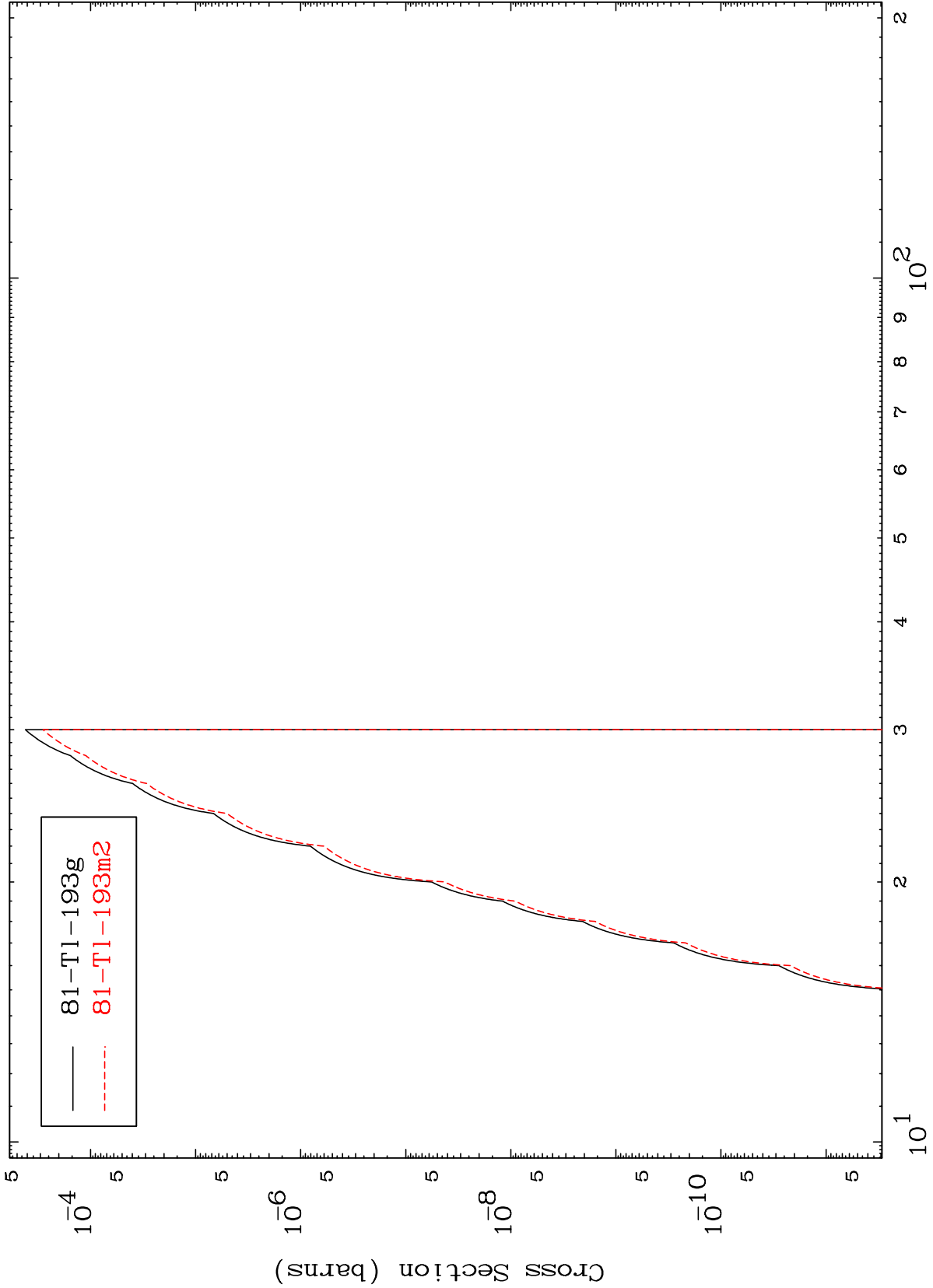


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(n,He-3)

82-Pb-195m

Radionuclide Production Cross Section



27

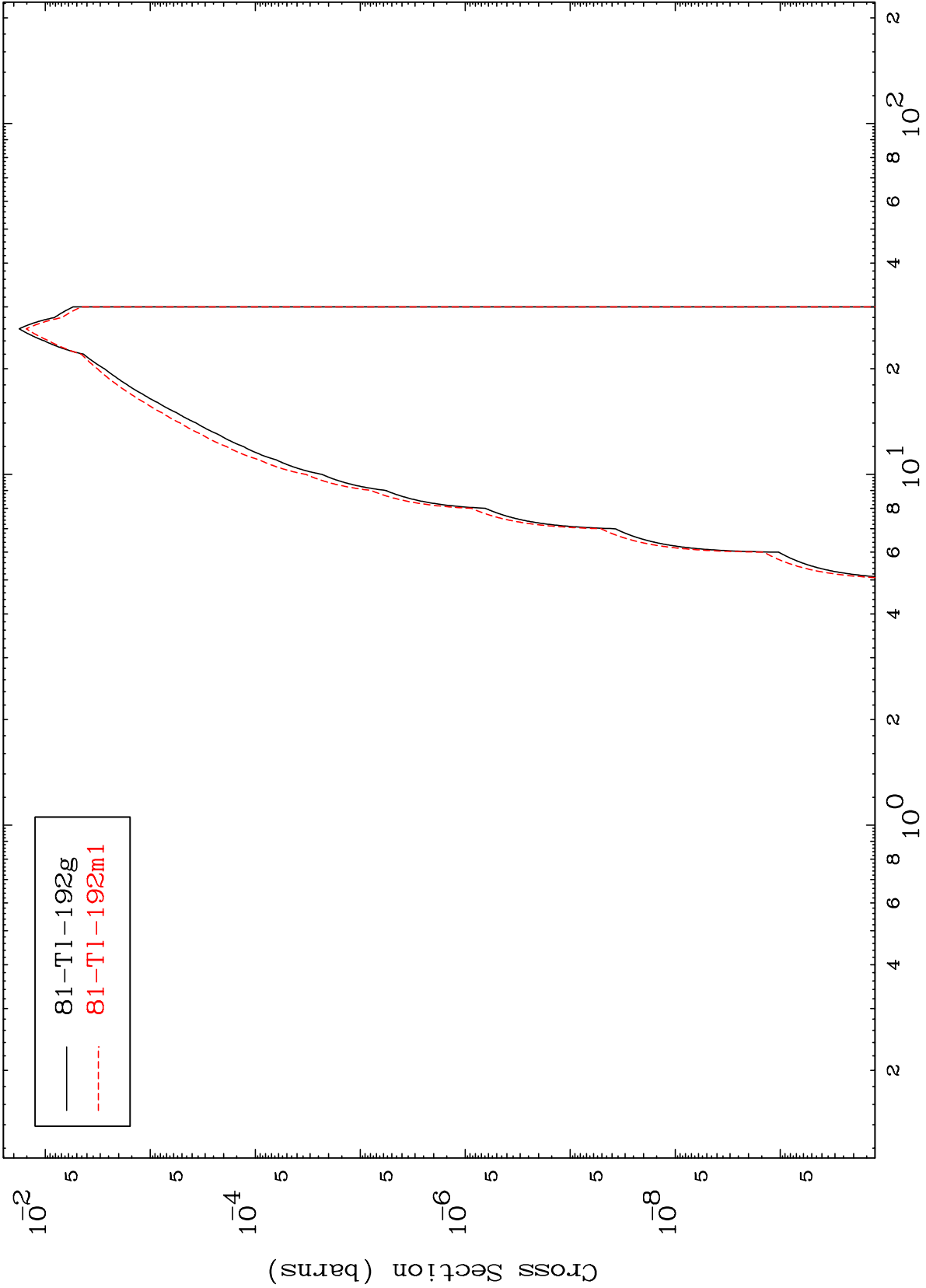
Incident Energy (MeV)

82-Pb-195m

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⁸²Pb-195m

Radionuclide Production Cross Section
(n, α)



— 81-Tl-192g
- - - 81-Tl-192m1

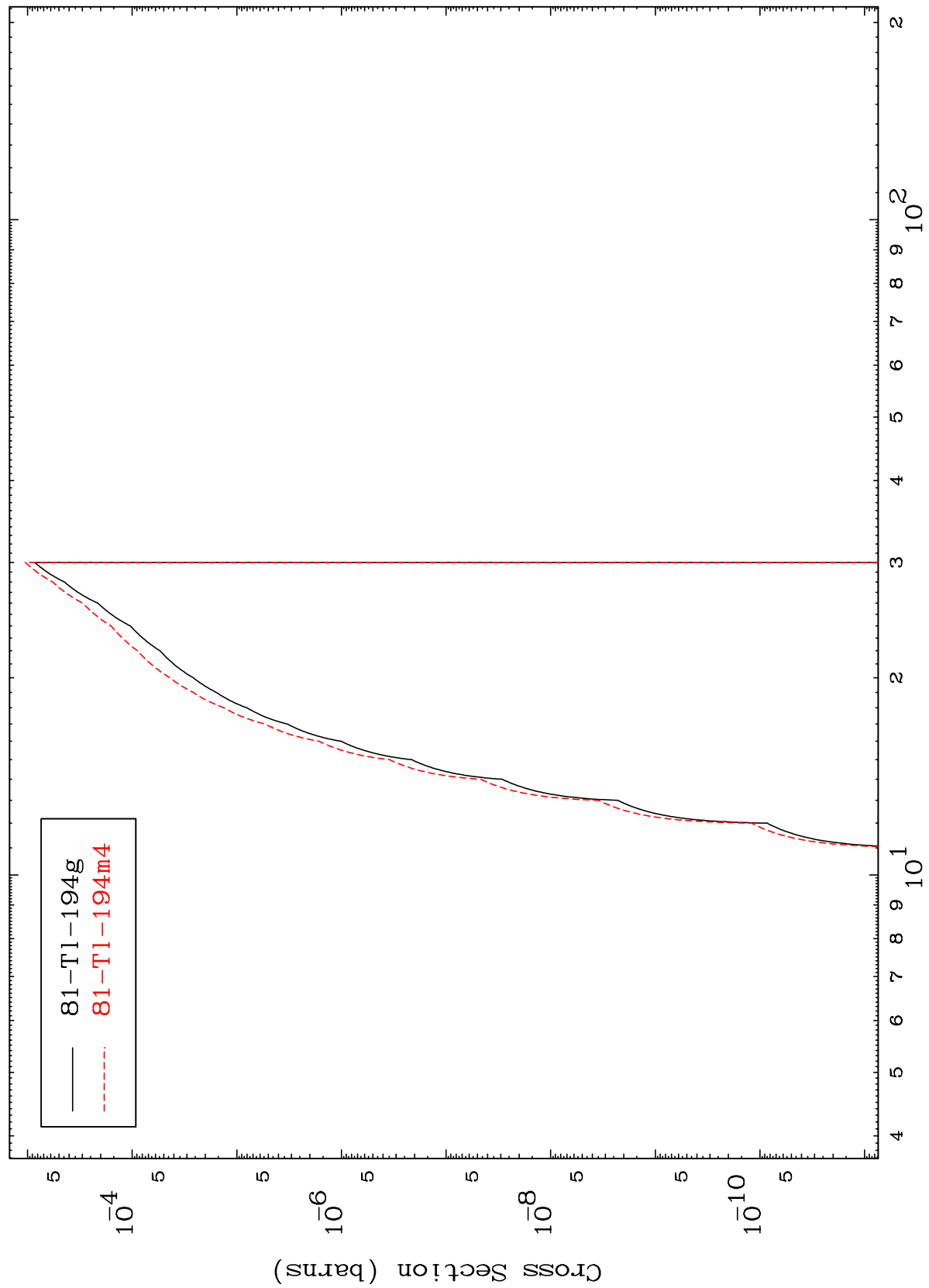
Incident Energy (MeV)

⁸²Pb-195m

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82-Pb-195m

Radionuclide Production Cross Section
(n,2p)



29

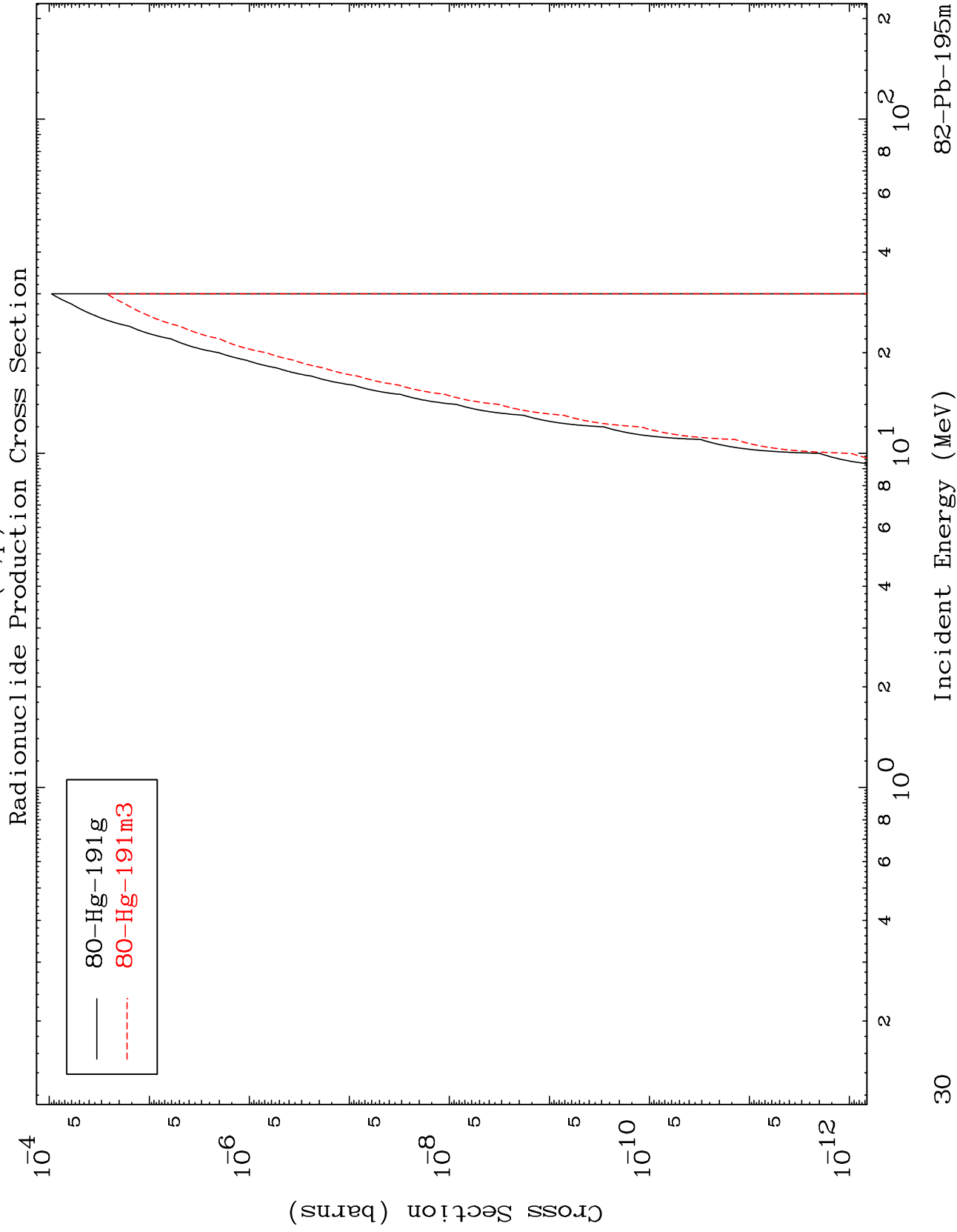
82-Pb-195m

Incident Energy (MeV)

MAT 8199

(n,p) α

82-Pb-195m

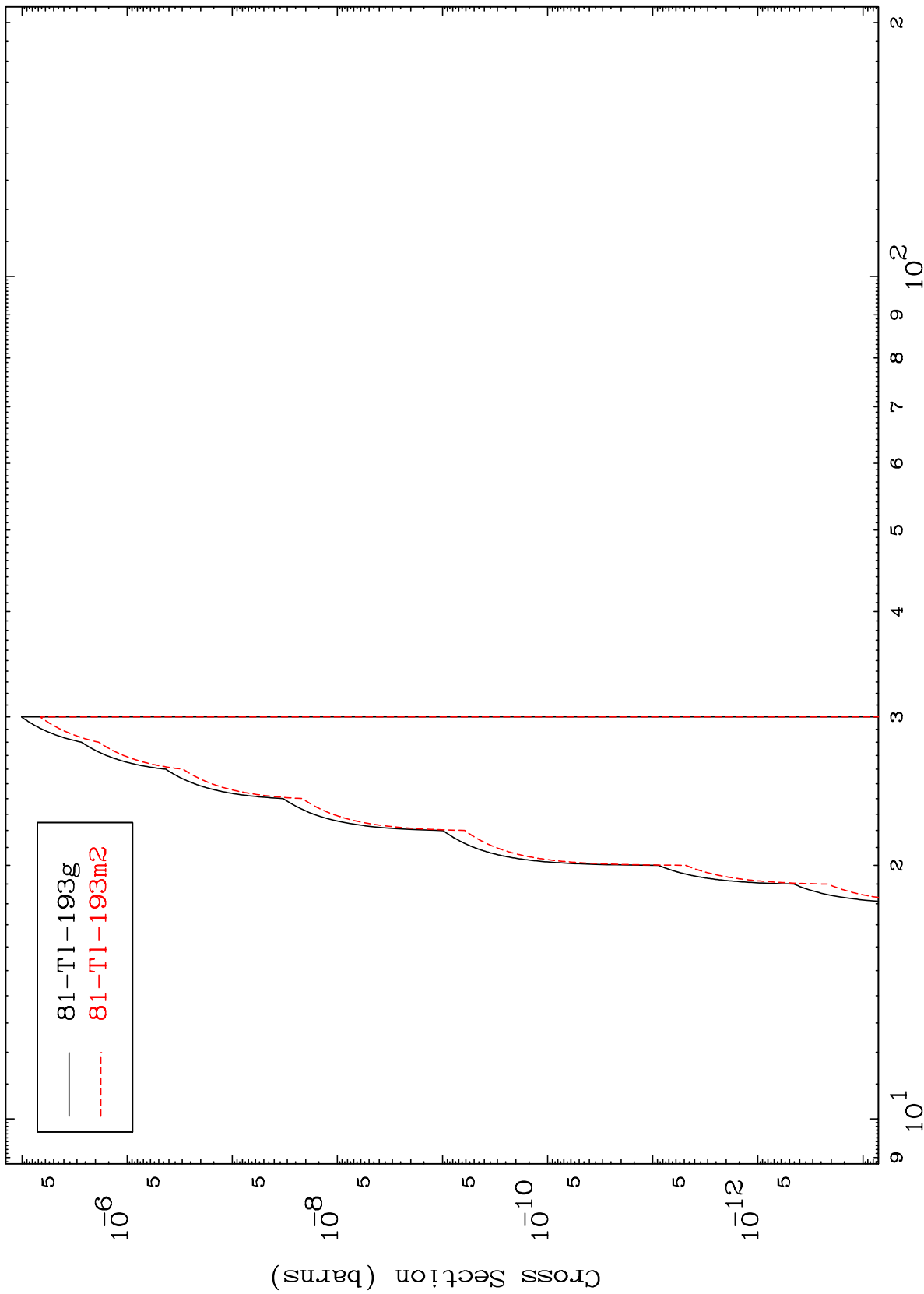


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(n,p) d

82-Pb-195m

Radionuclide Production Cross Section



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

Incident Energy (MeV)

82-Pb-195m

31

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(n,p) t

82-Pb-195m

Radionuclide Production Cross Section

