

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

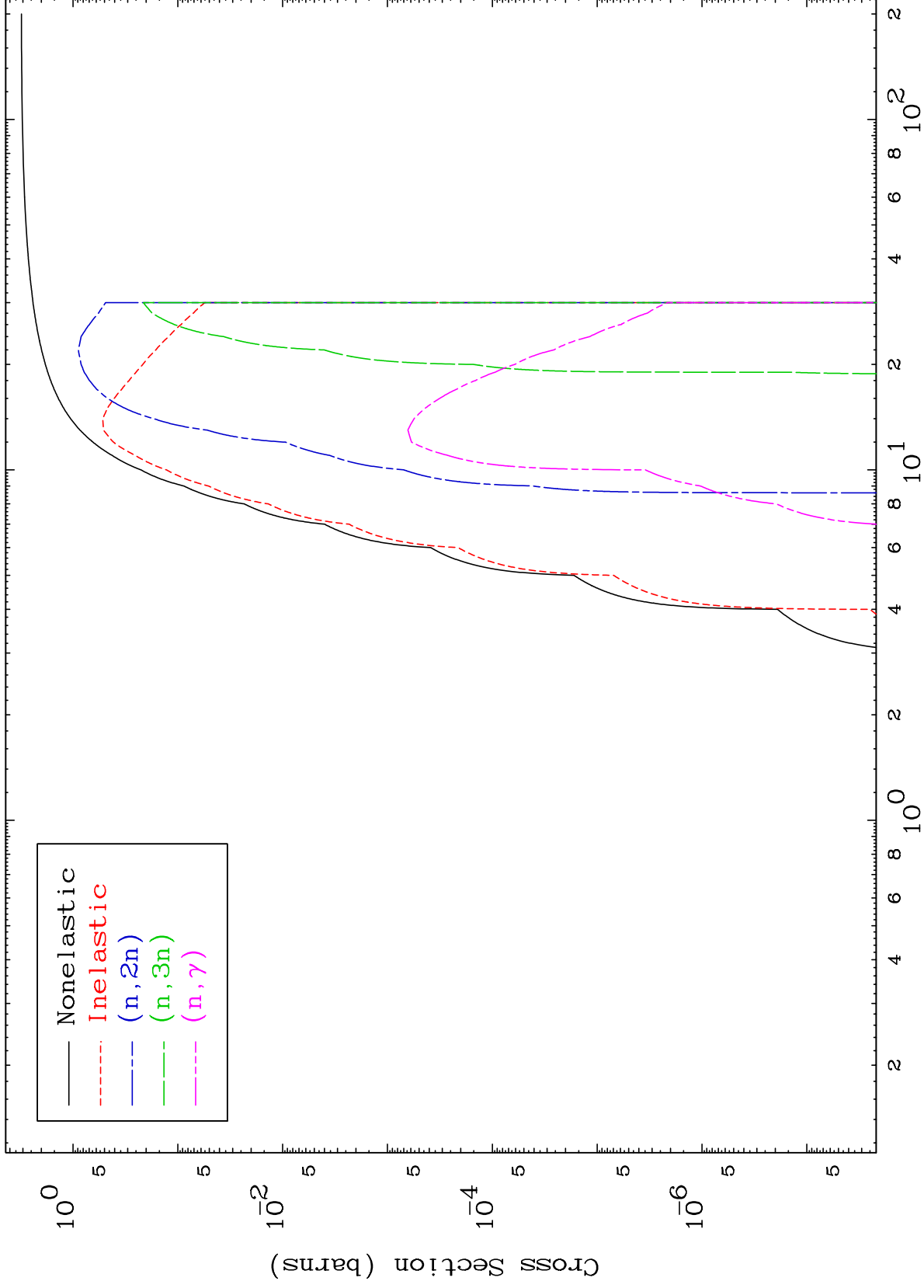
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

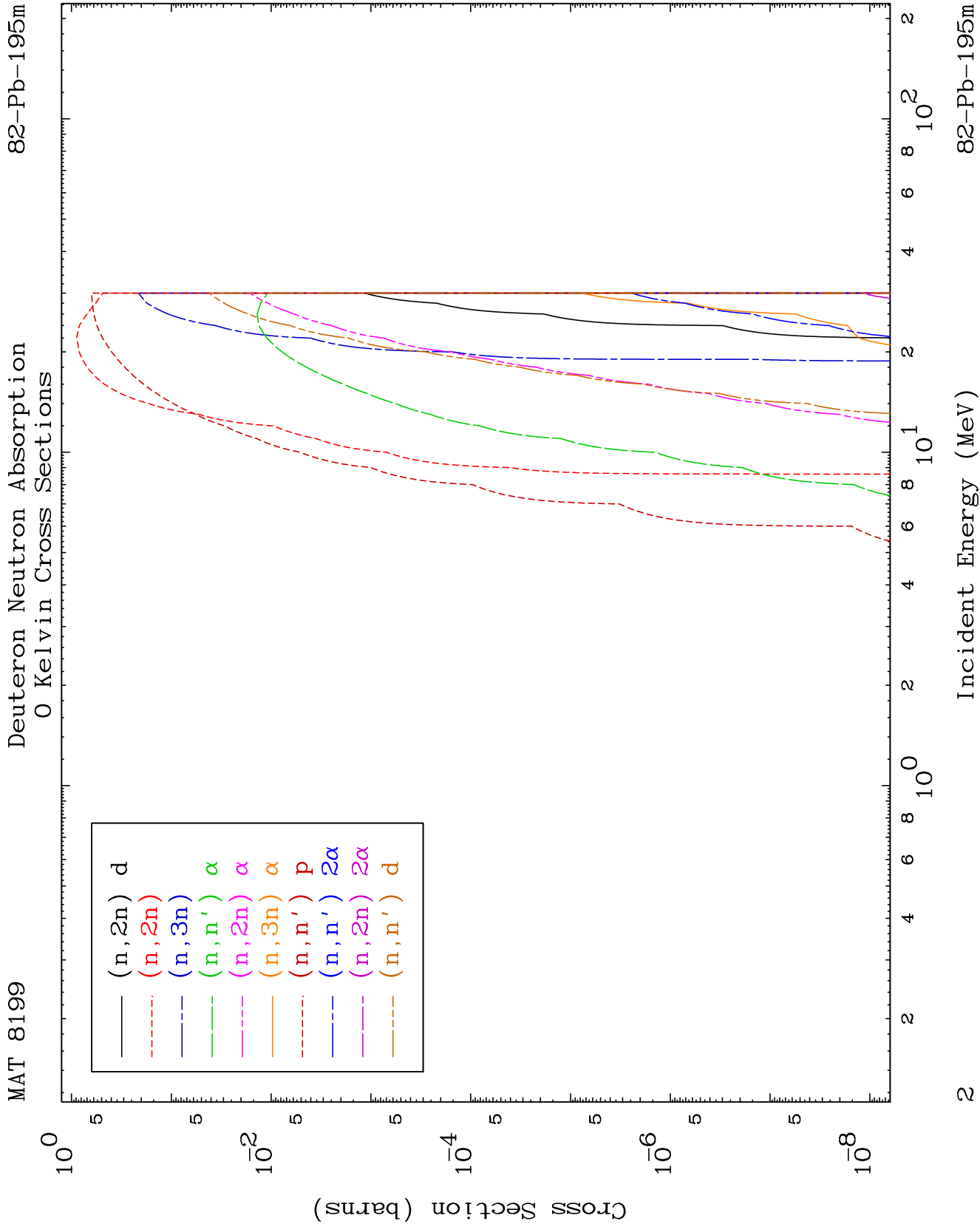
Tele: 925-443-1911

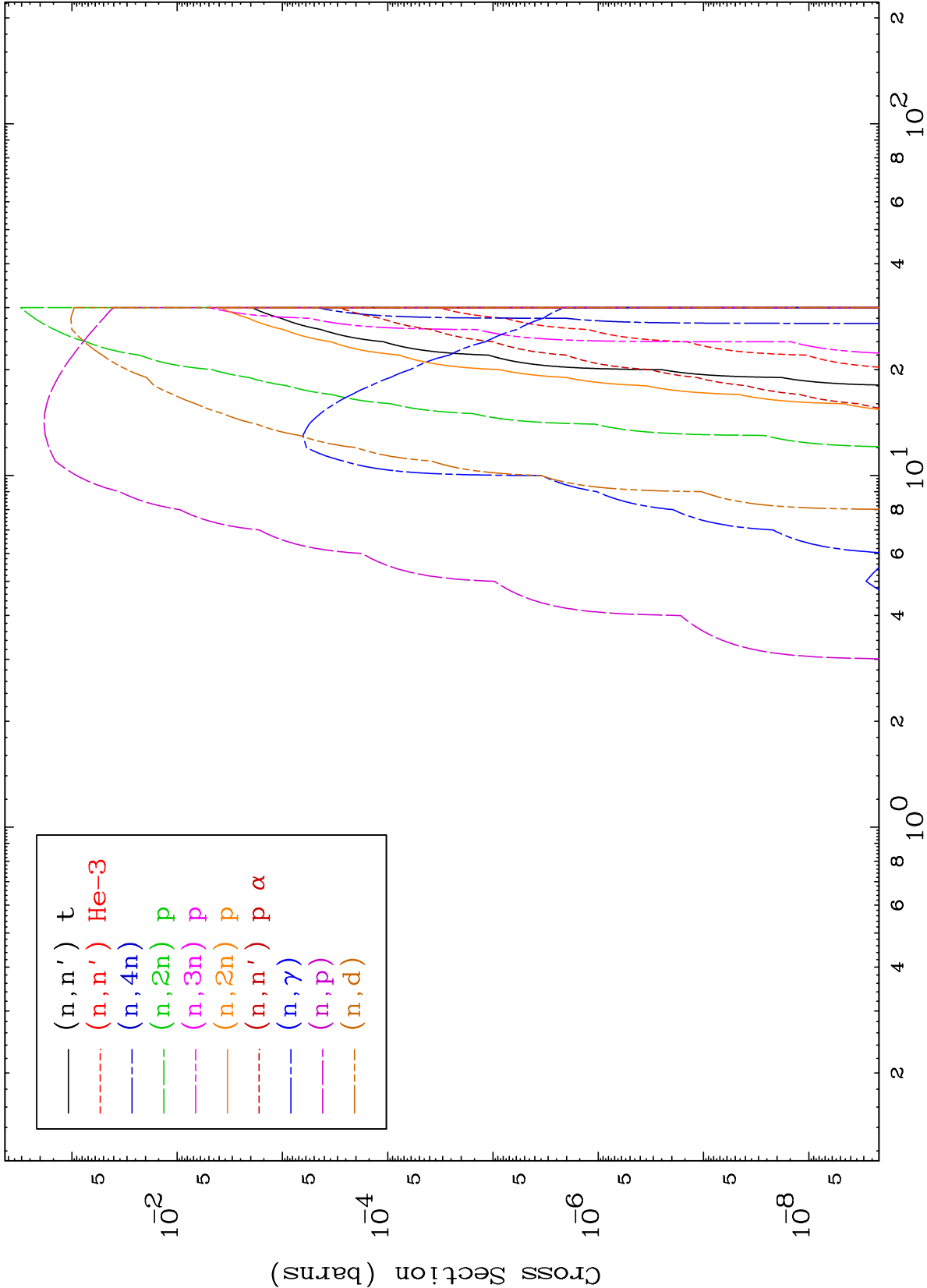
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

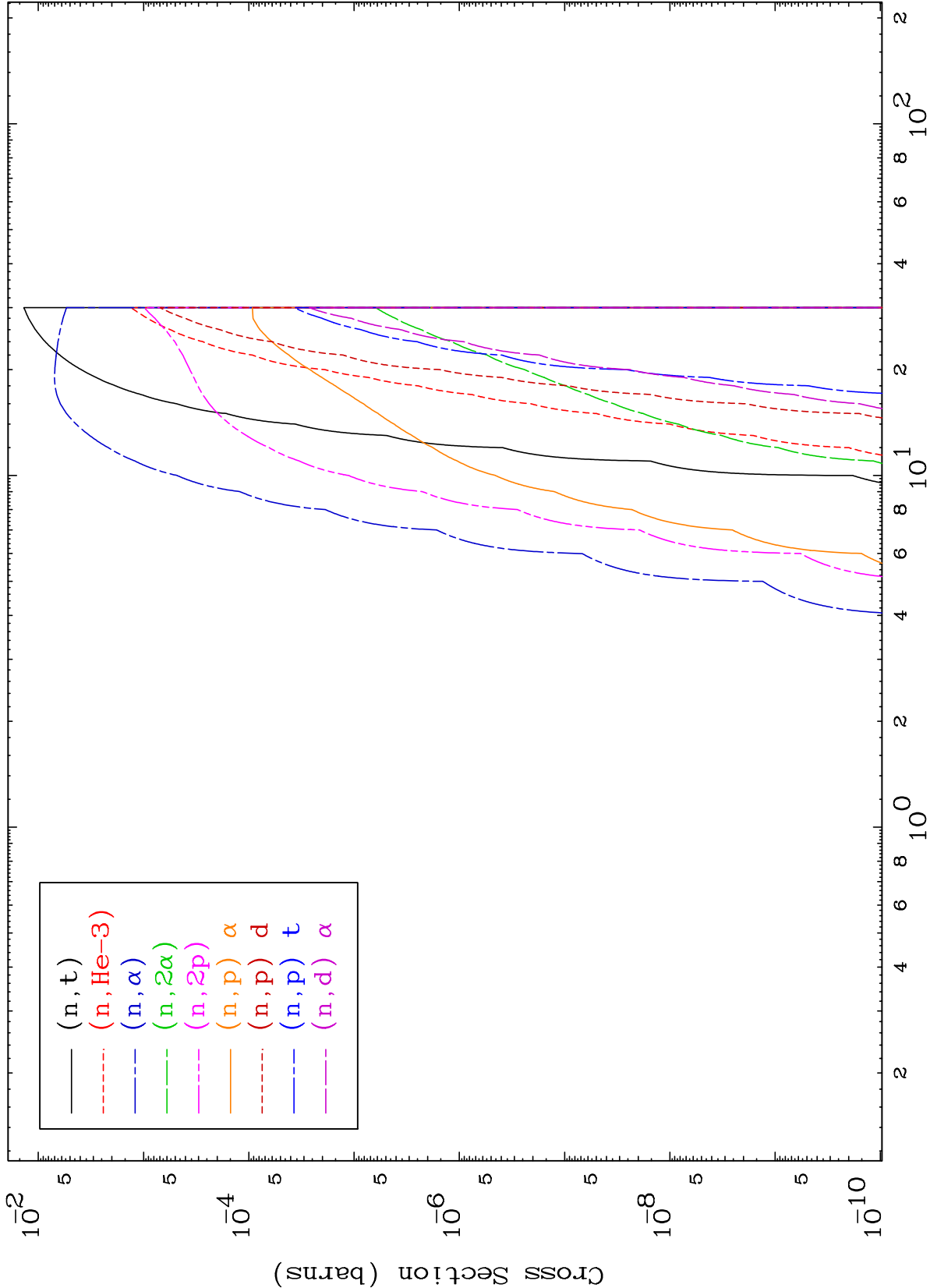
Press Mouse Button to Start

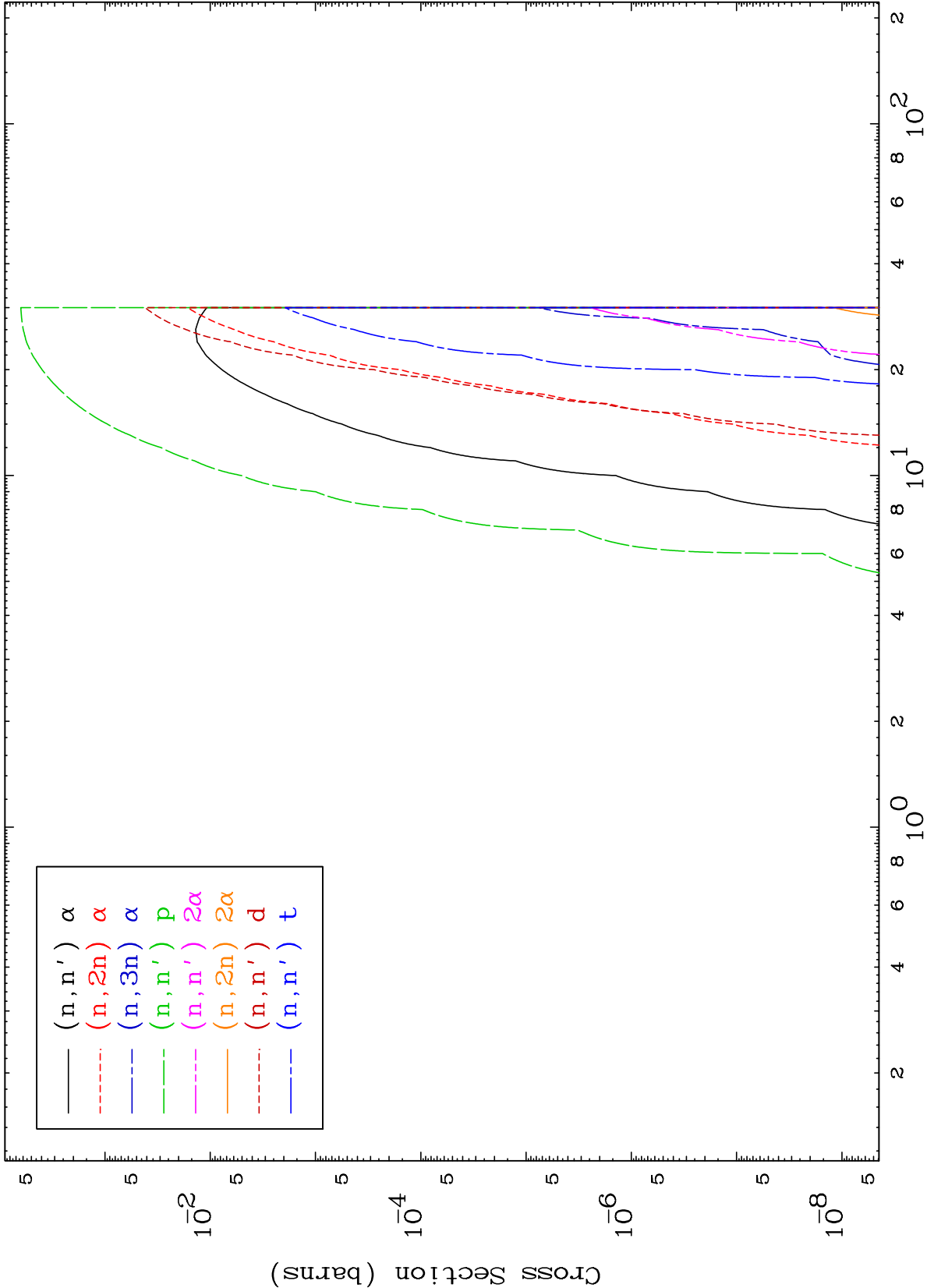
0 Kelvin Cross Sections

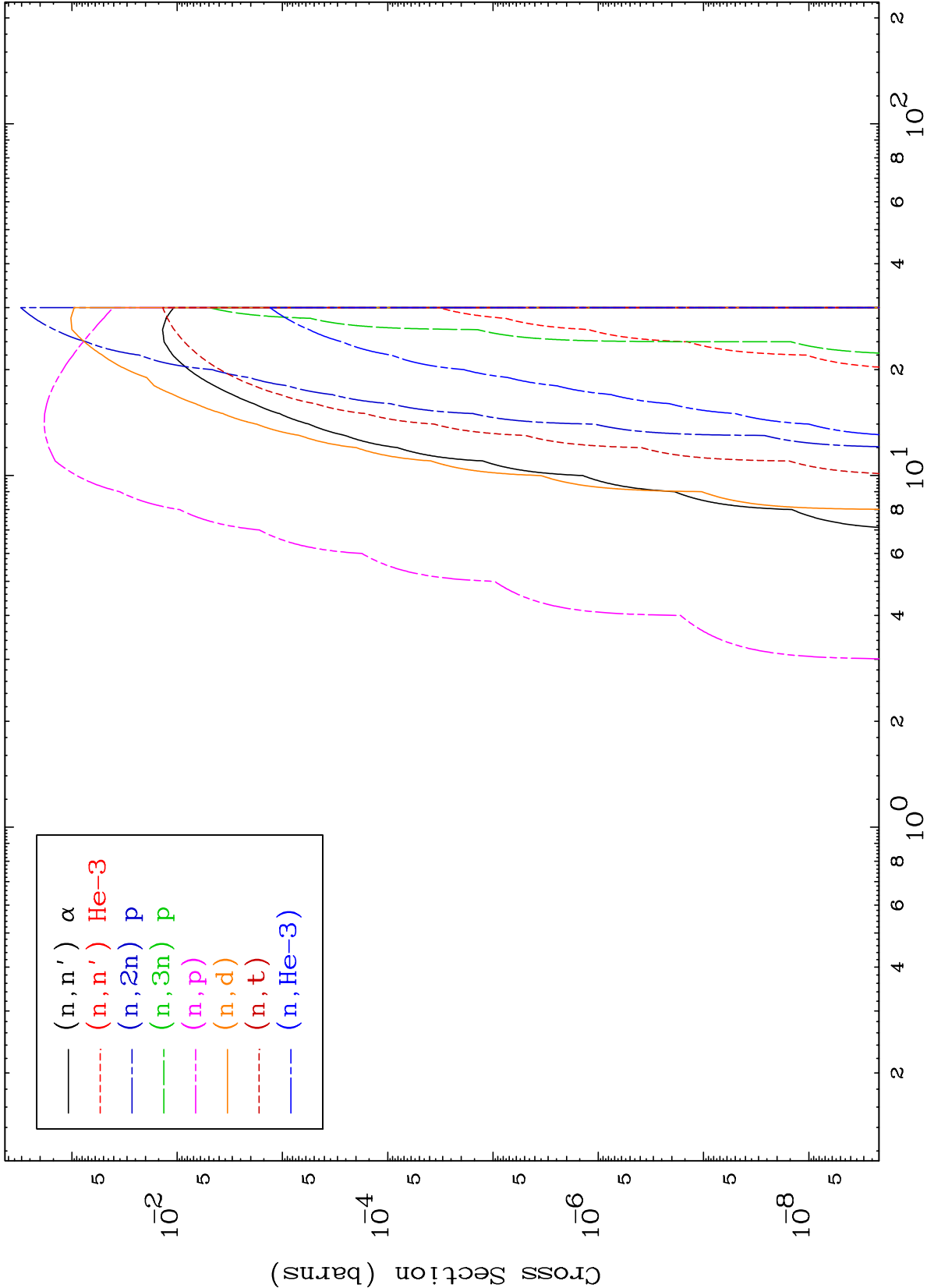


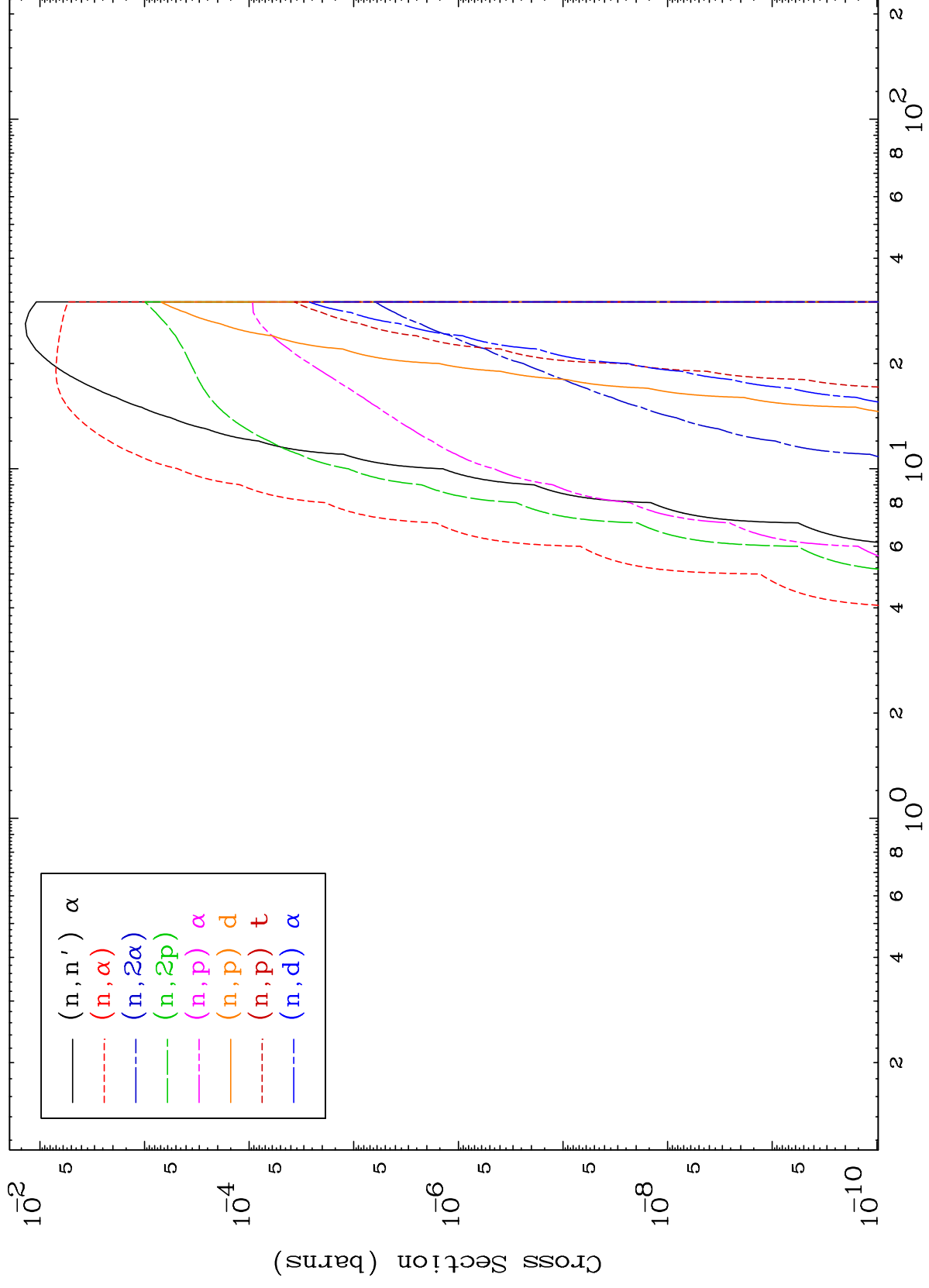








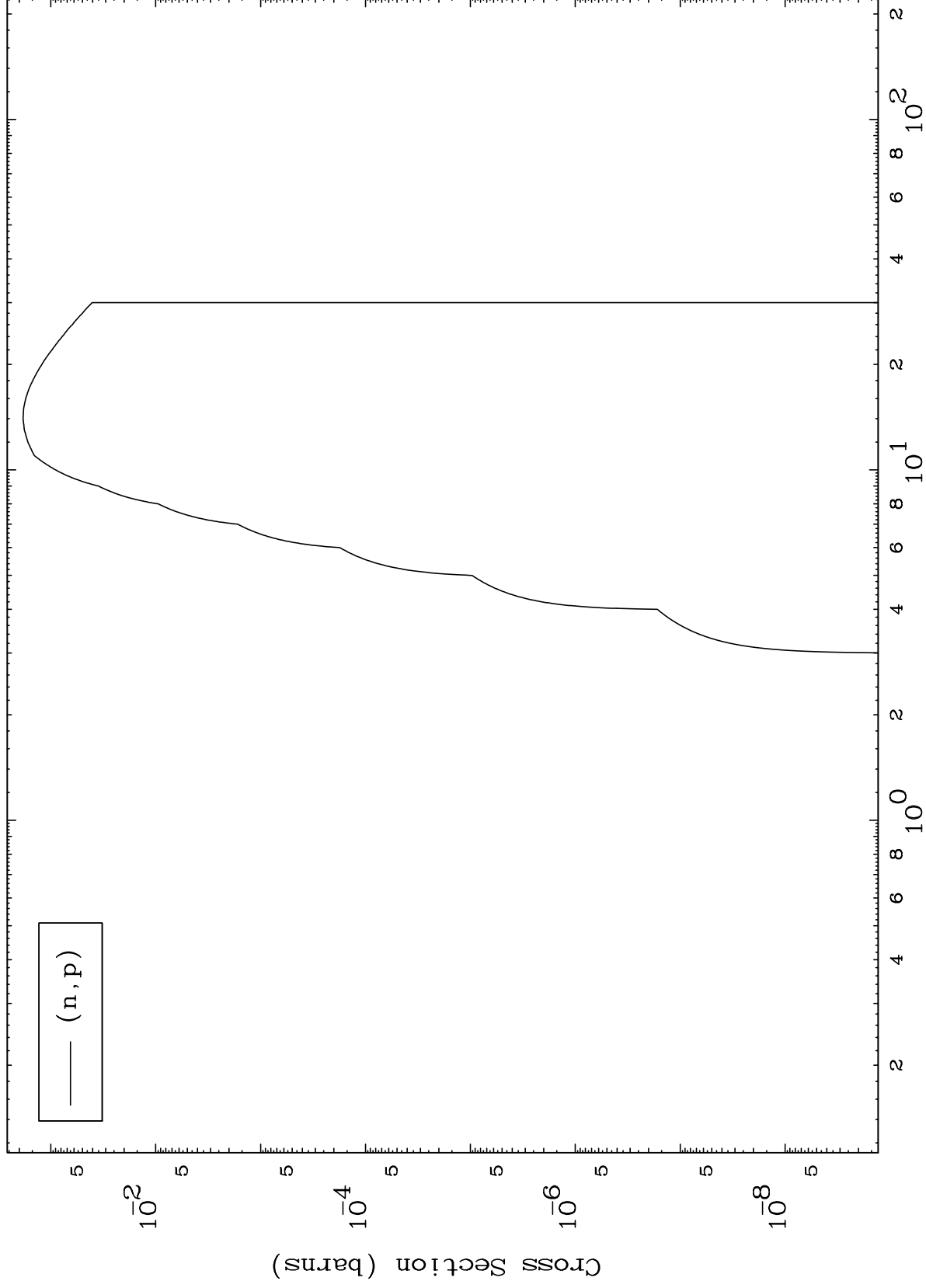




MAT 8199

82-Pb-195m

(d,p) Levels
0 Kelvin Cross Sections



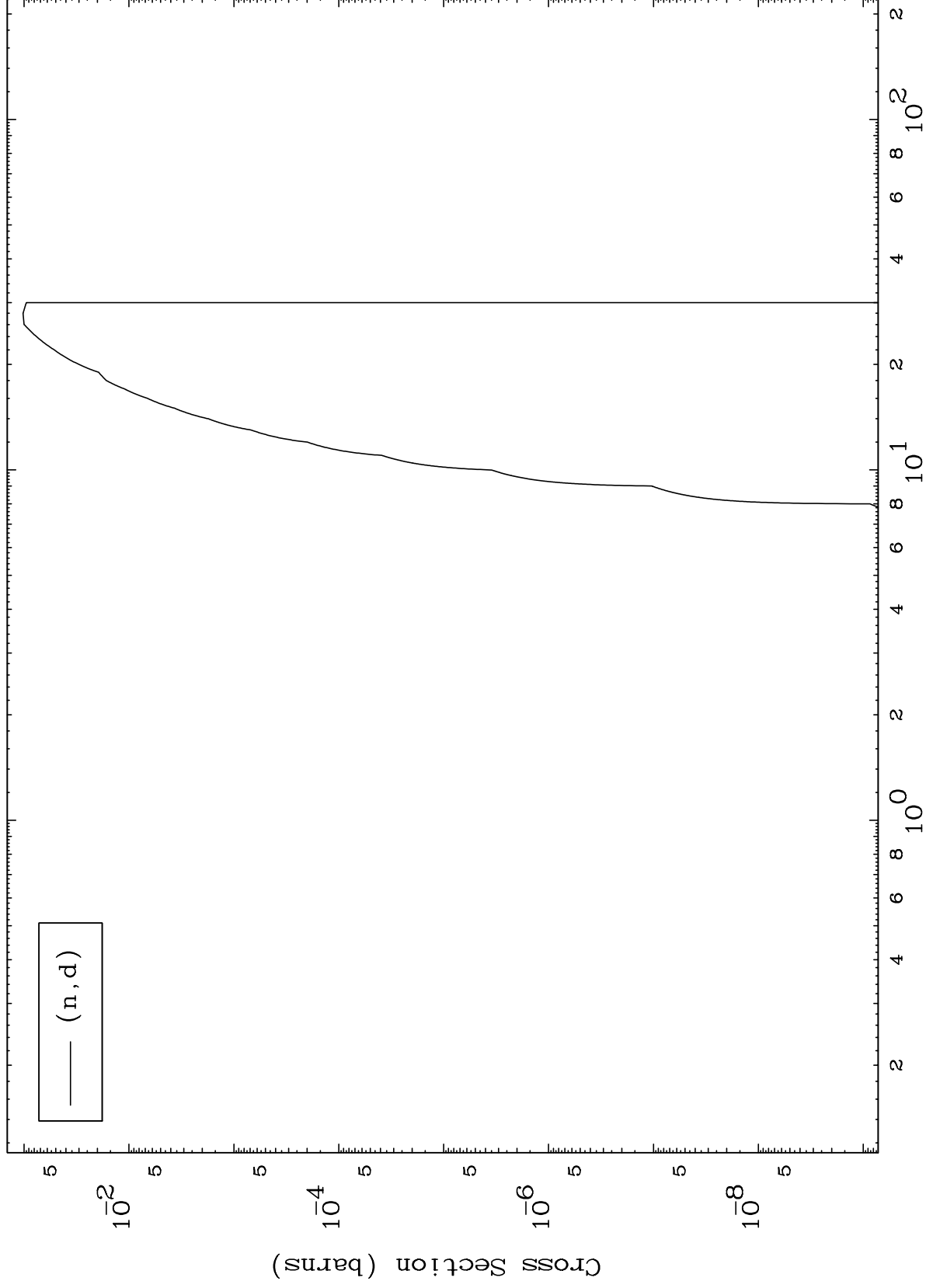
Incident Energy (MeV)

82-Pb-195m

MAT 8199

82-Pb-195m

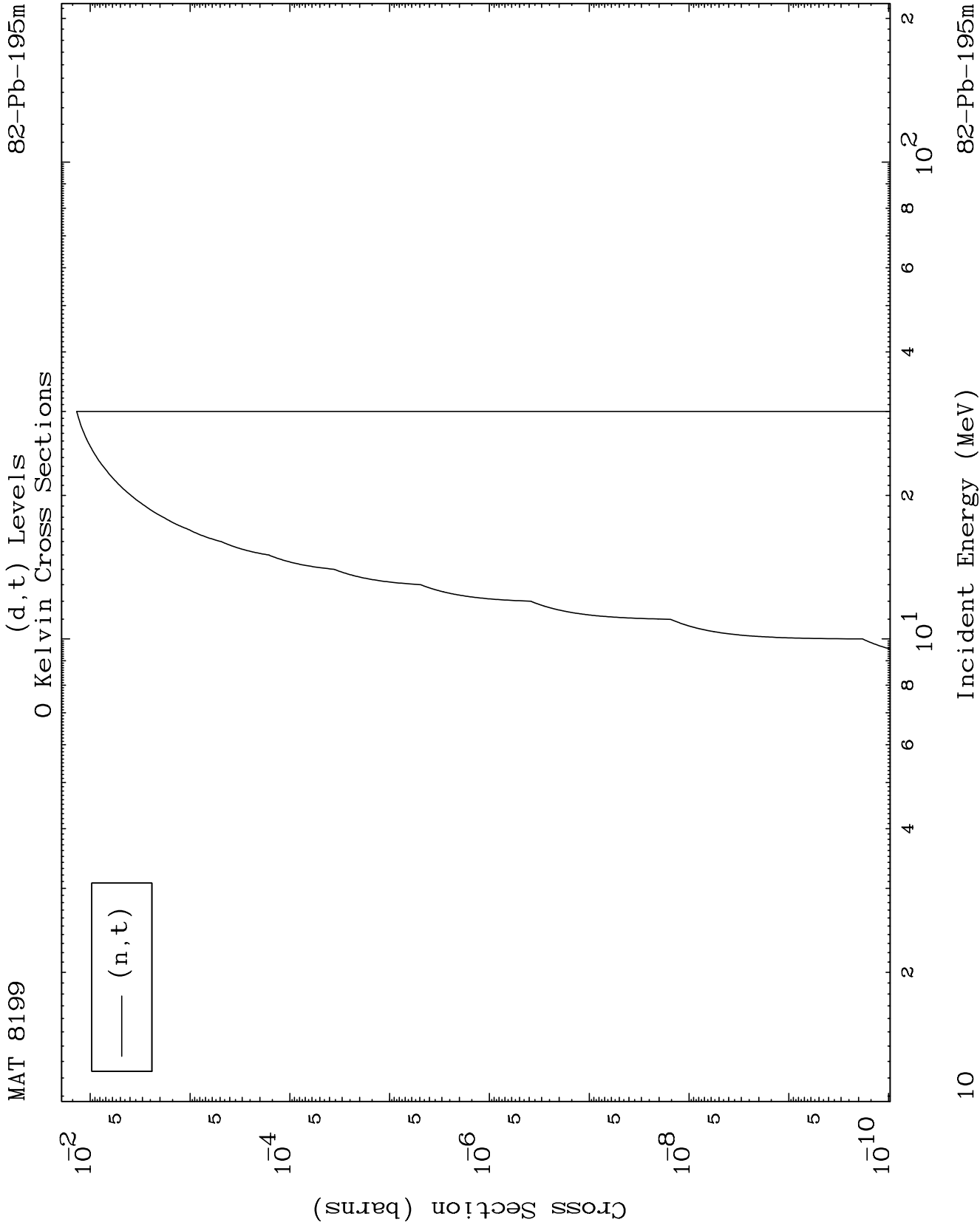
(d,d) Levels
0 Kelvin Cross Sections



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Incident Energy (MeV)

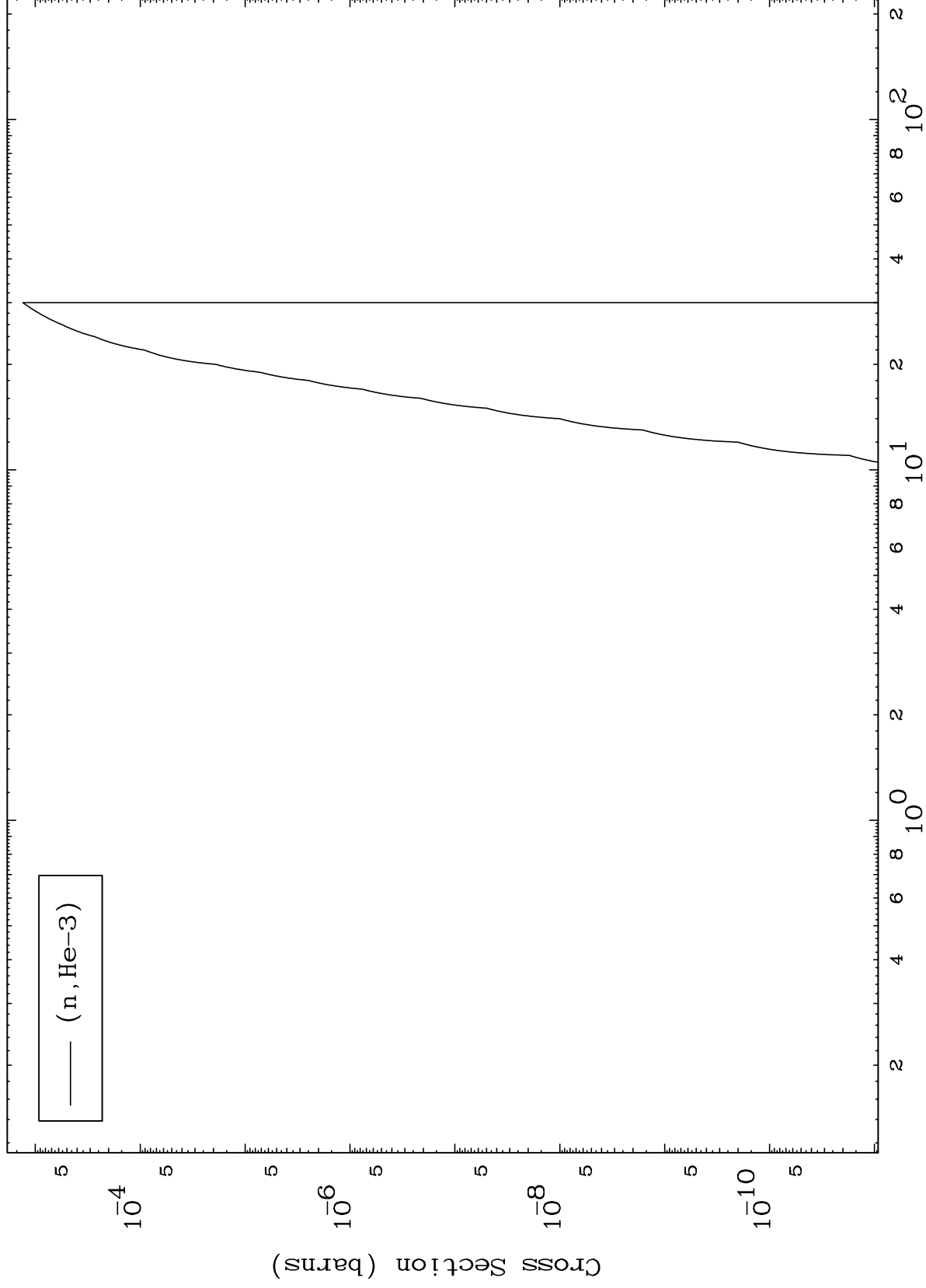
82-Pb-195m



MAT 8199

82-Pb-195m

(d,He3) Levels
0 Kelvin Cross Sections

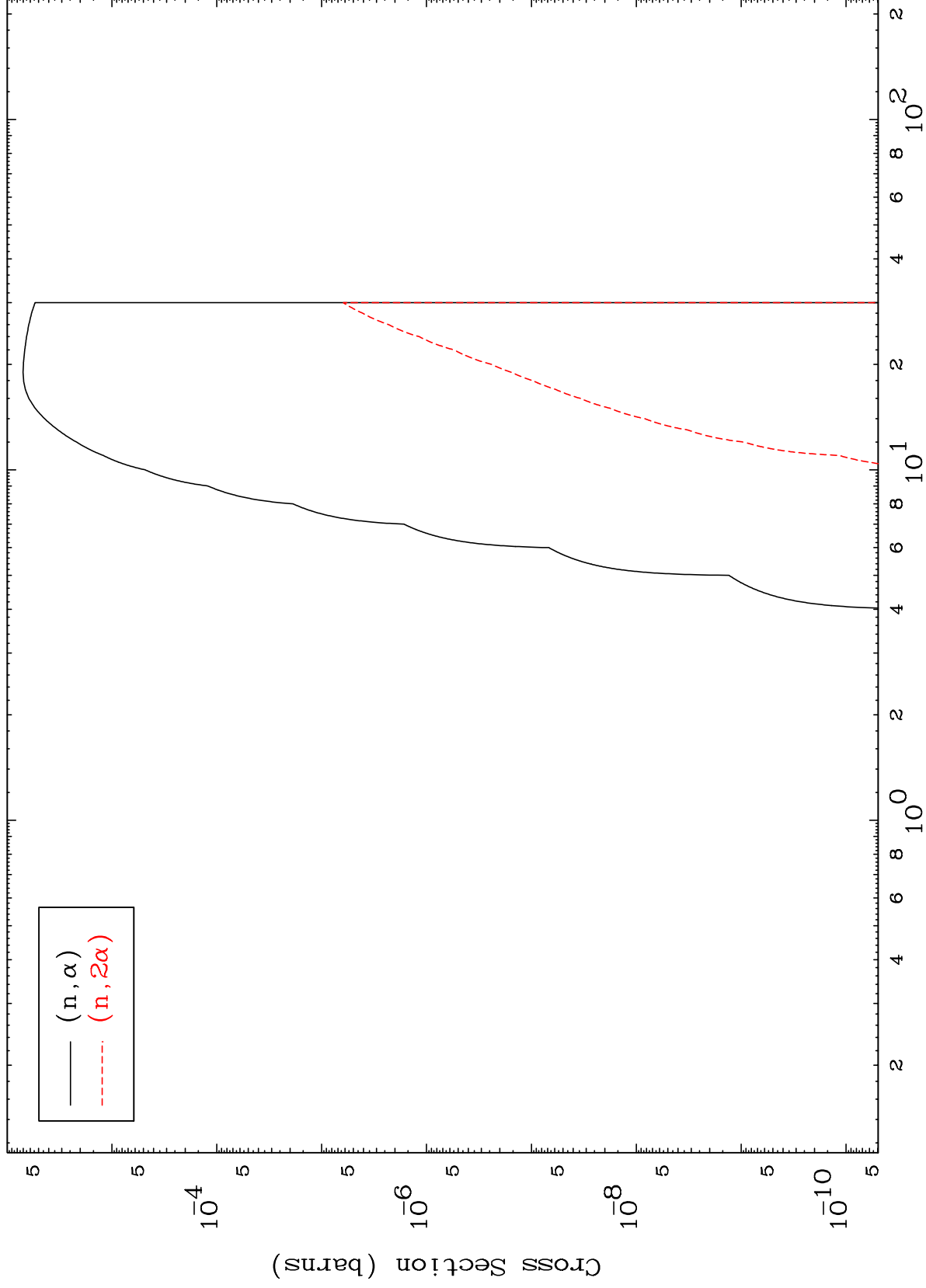


— (n, He-3)

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82-Pb-195m

(d, α) Levels
0 Kelvin Cross Sections



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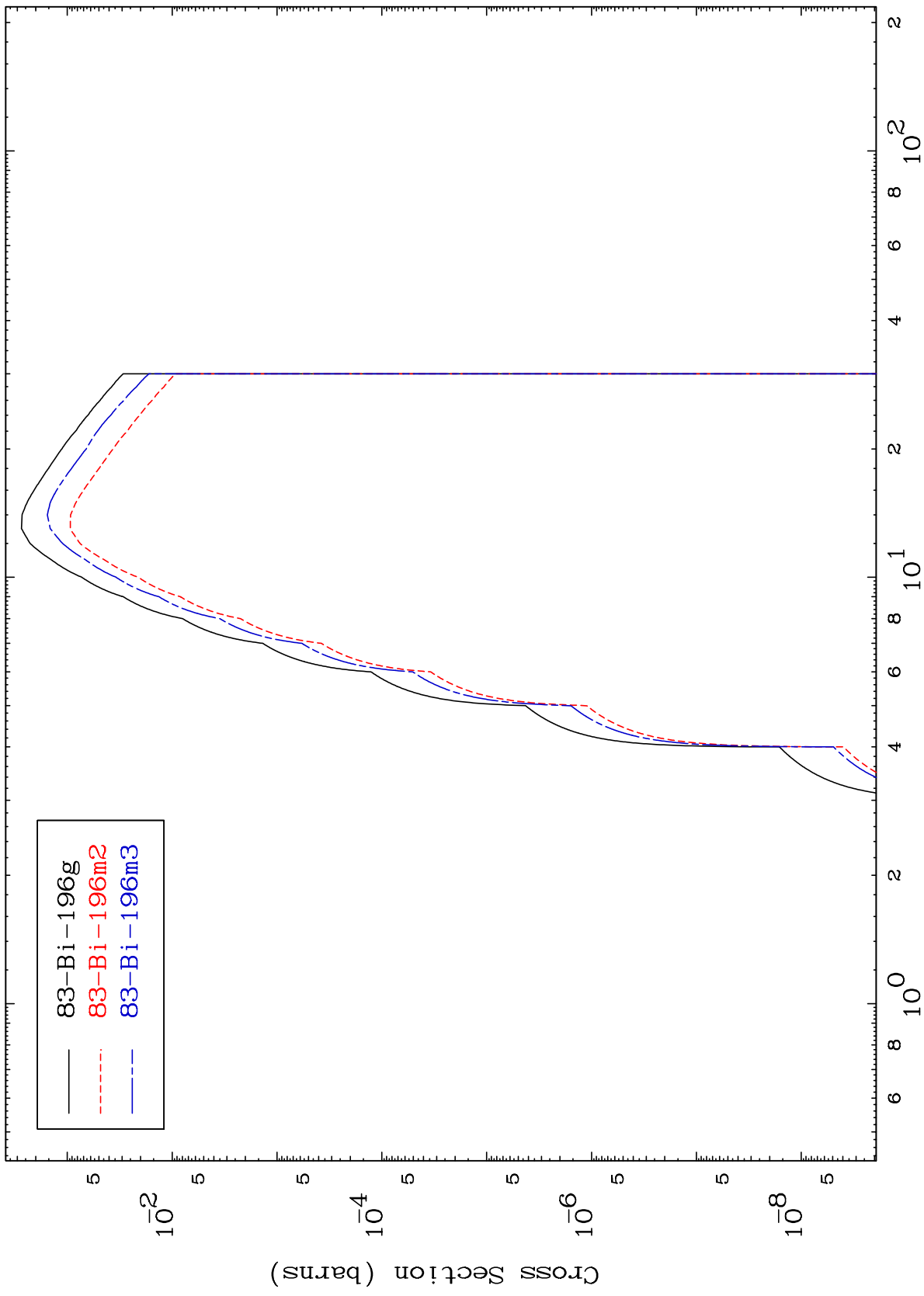
Incident Energy (MeV)

82-Pb-195m

MAT 8199

Radionuclide Production Cross Section

82-Pb-195m

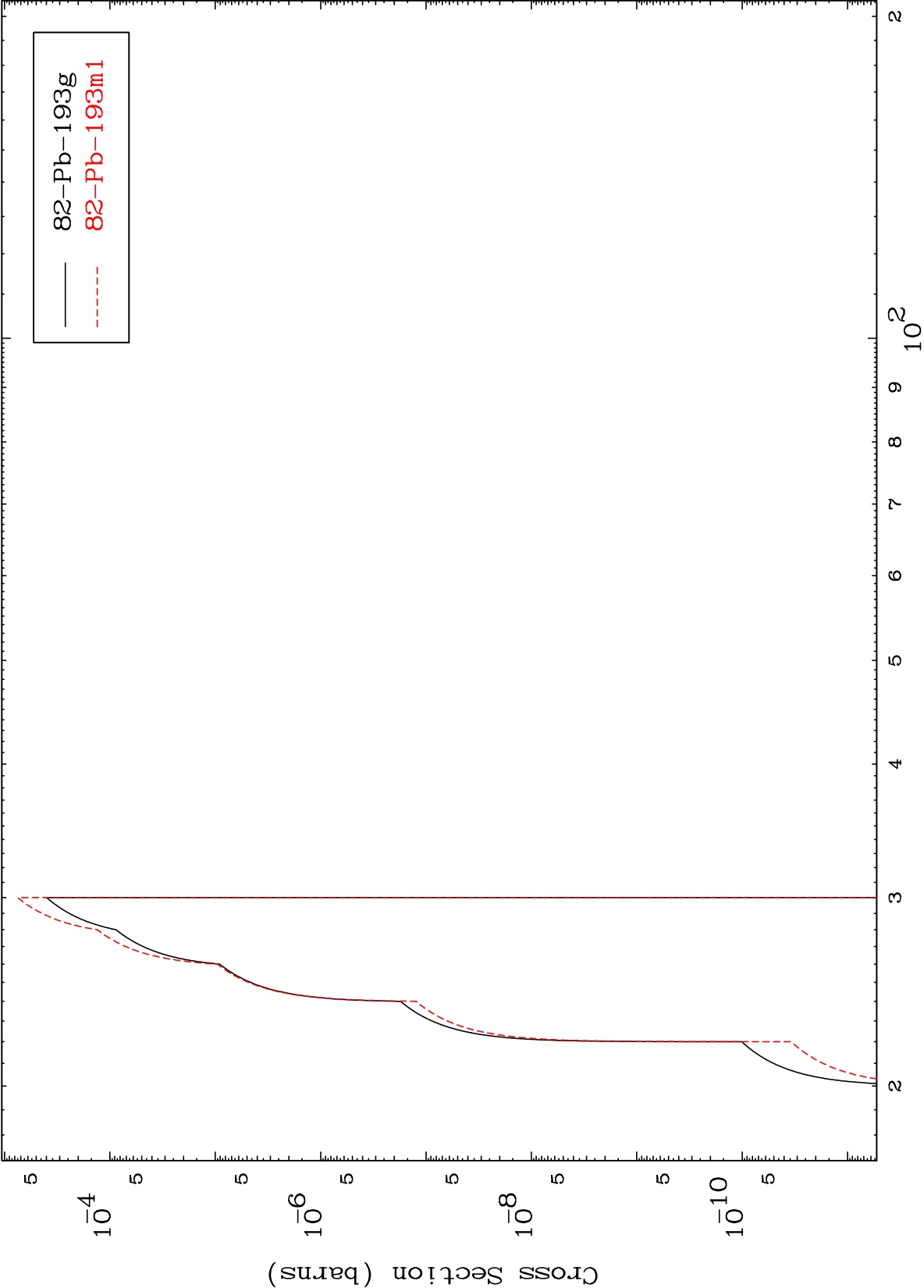


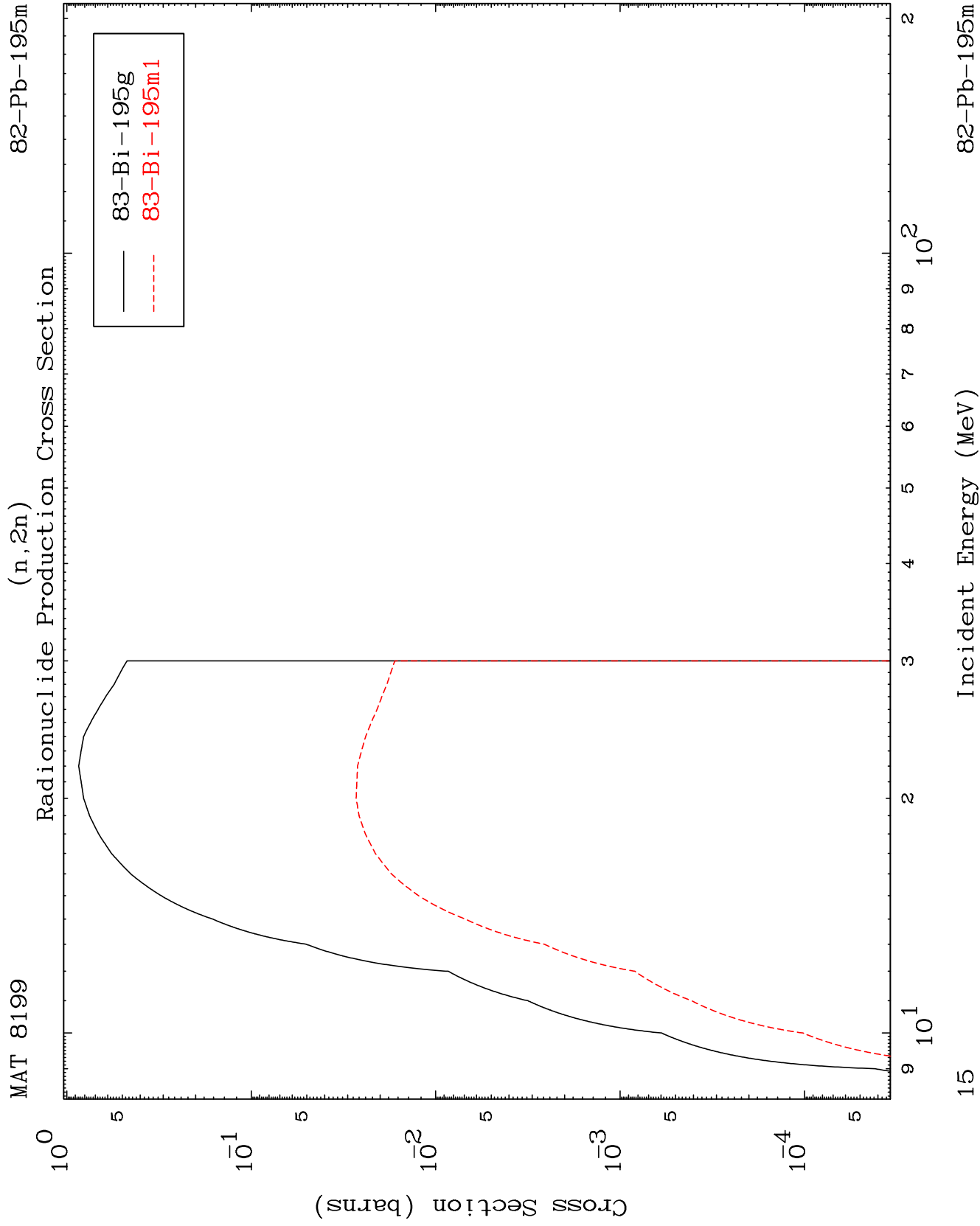
13

Incident Energy (MeV)

82-Pb-195m

Radionuclide Production Cross Section

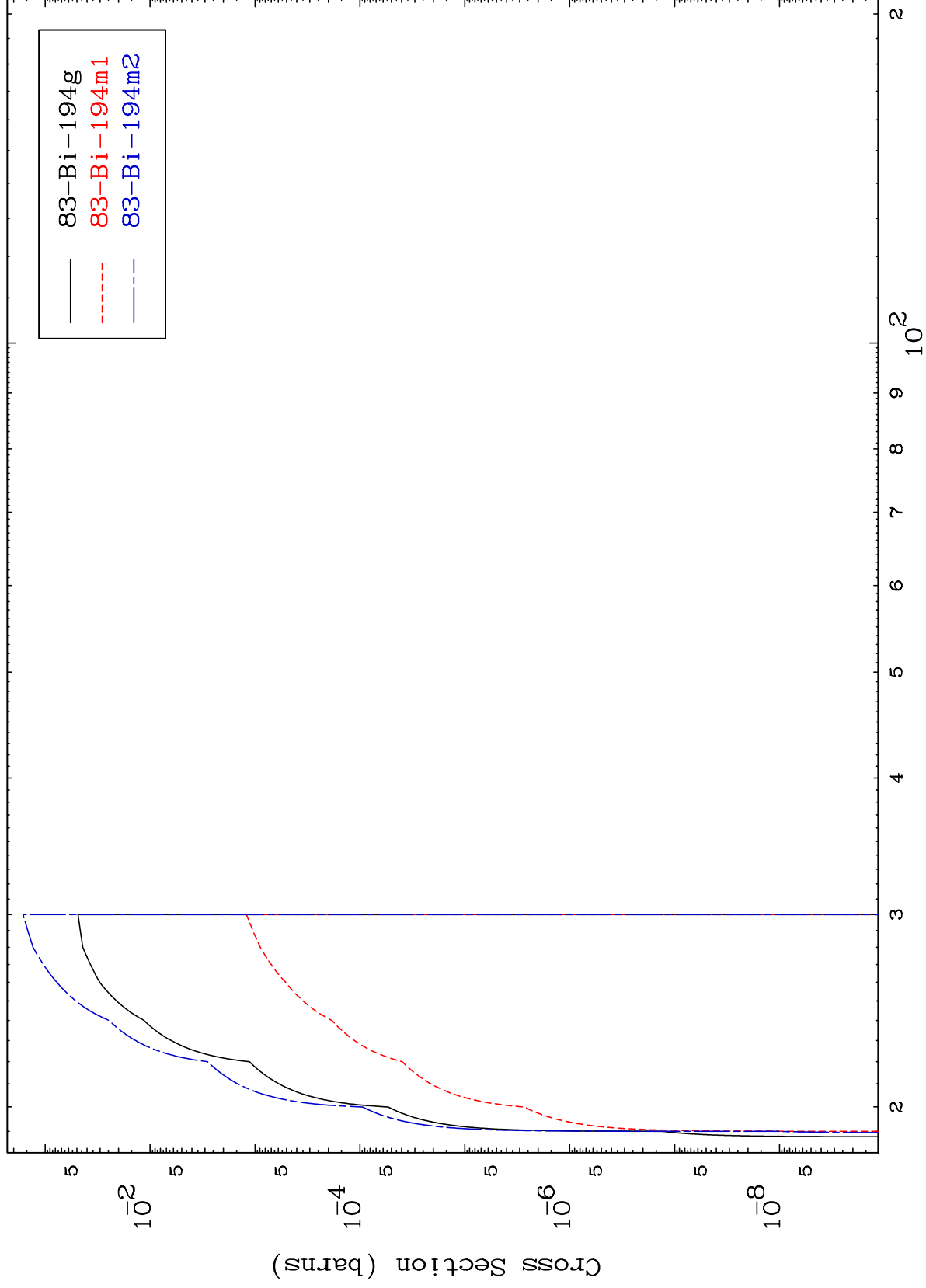




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82-Pb-195m

(n,3n)
Radionuclide Production Cross Section



82-Pb-195m

Incident Energy (MeV)

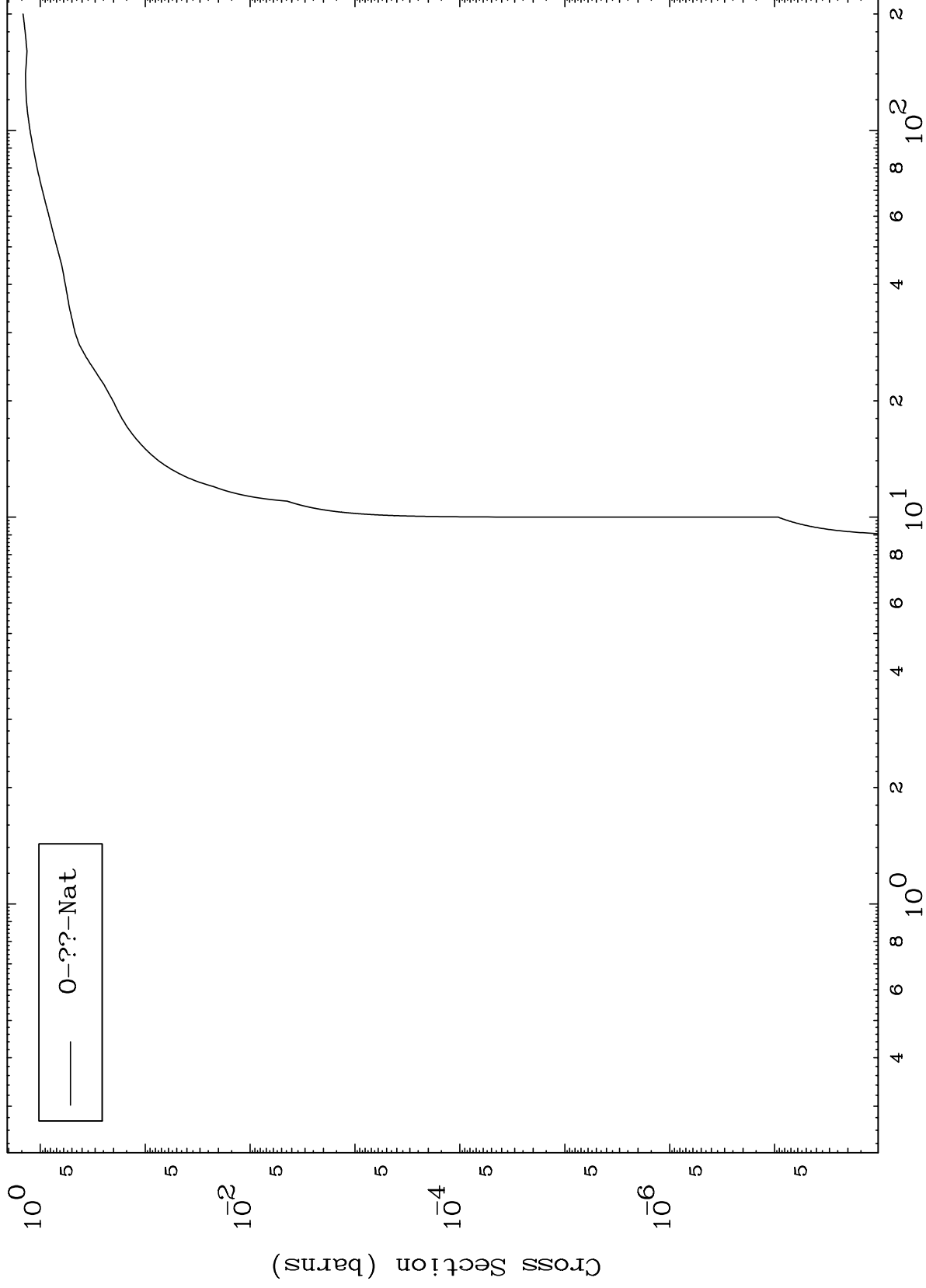
16

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Fission

82-Pb-195m

Radionuclide Production Cross Section

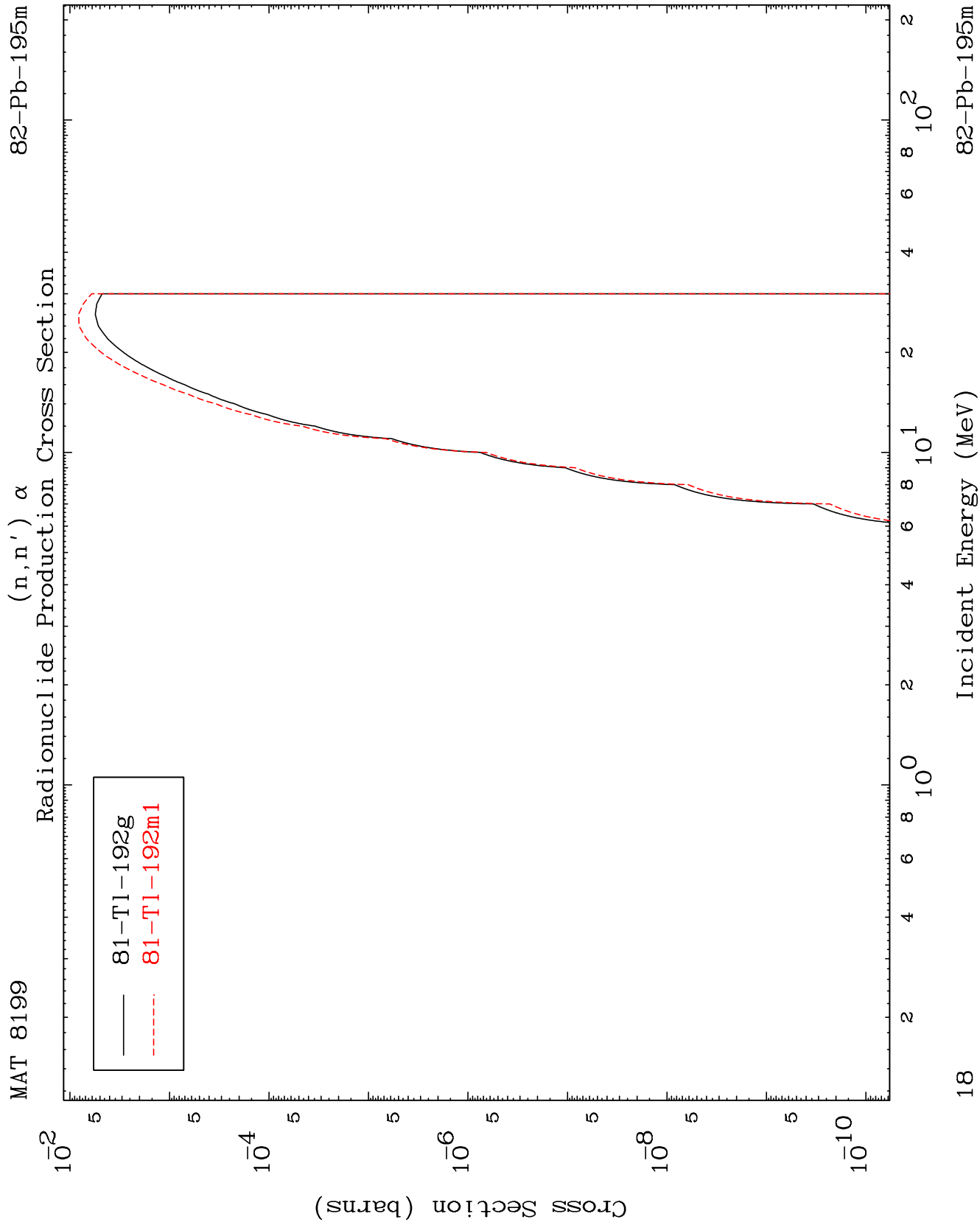


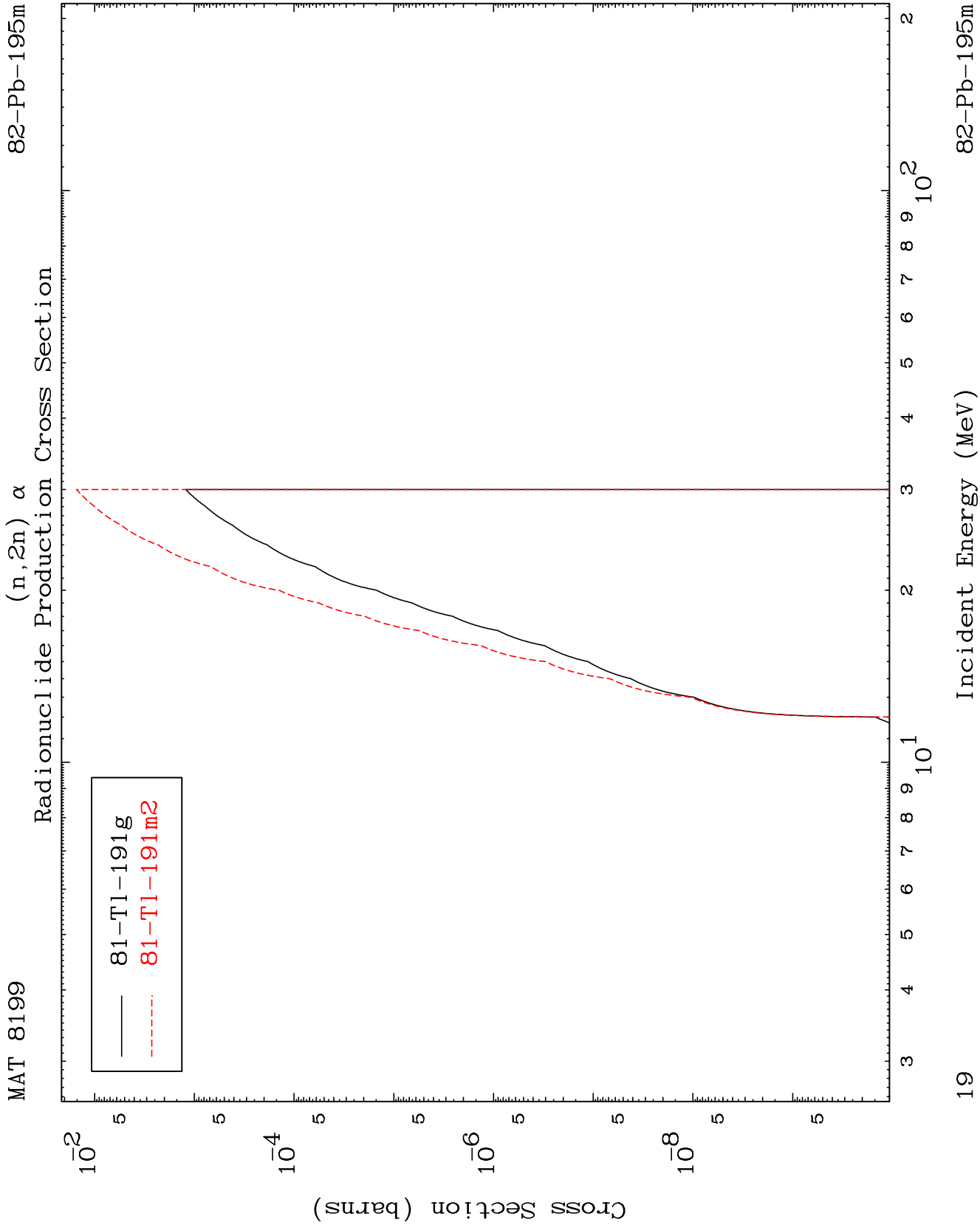
0-??-Nat

17

Incident Energy (MeV)

82-Pb-195m

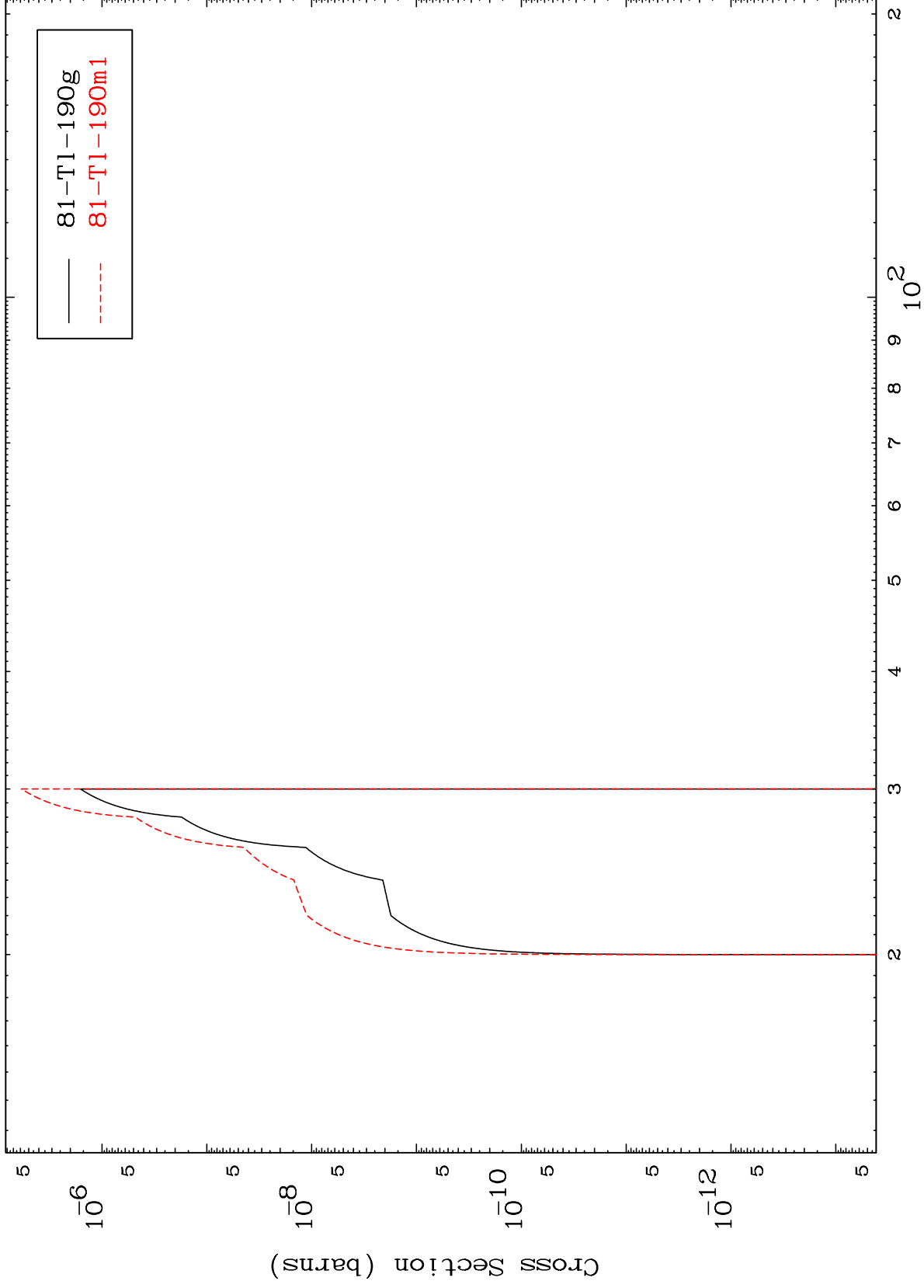




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82-Pb-195m

$(n,3n) \alpha$
Radionuclide Production Cross Section



20

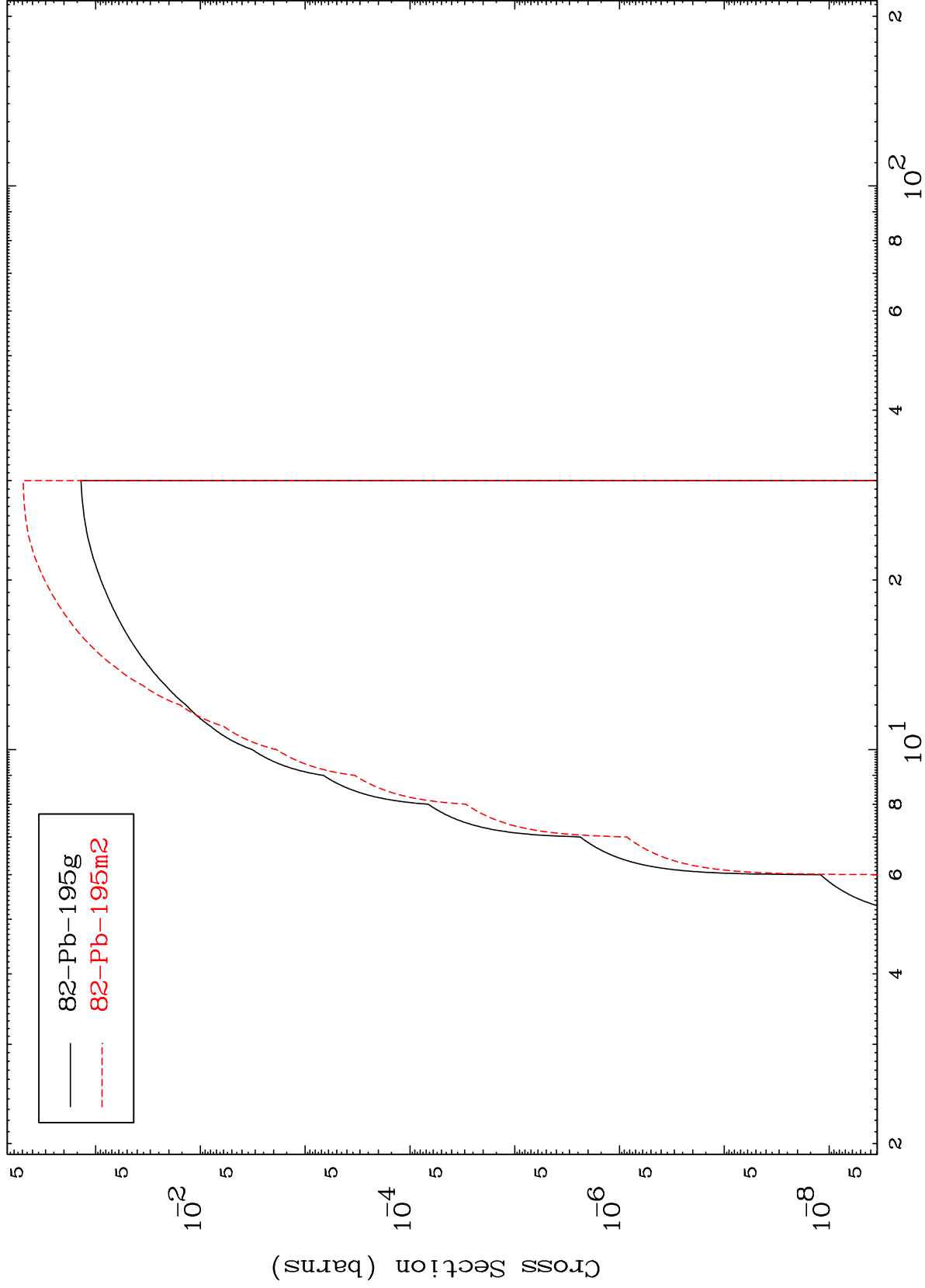
Incident Energy (MeV)

82-Pb-195m

MAT 8199

82-Pb-195m

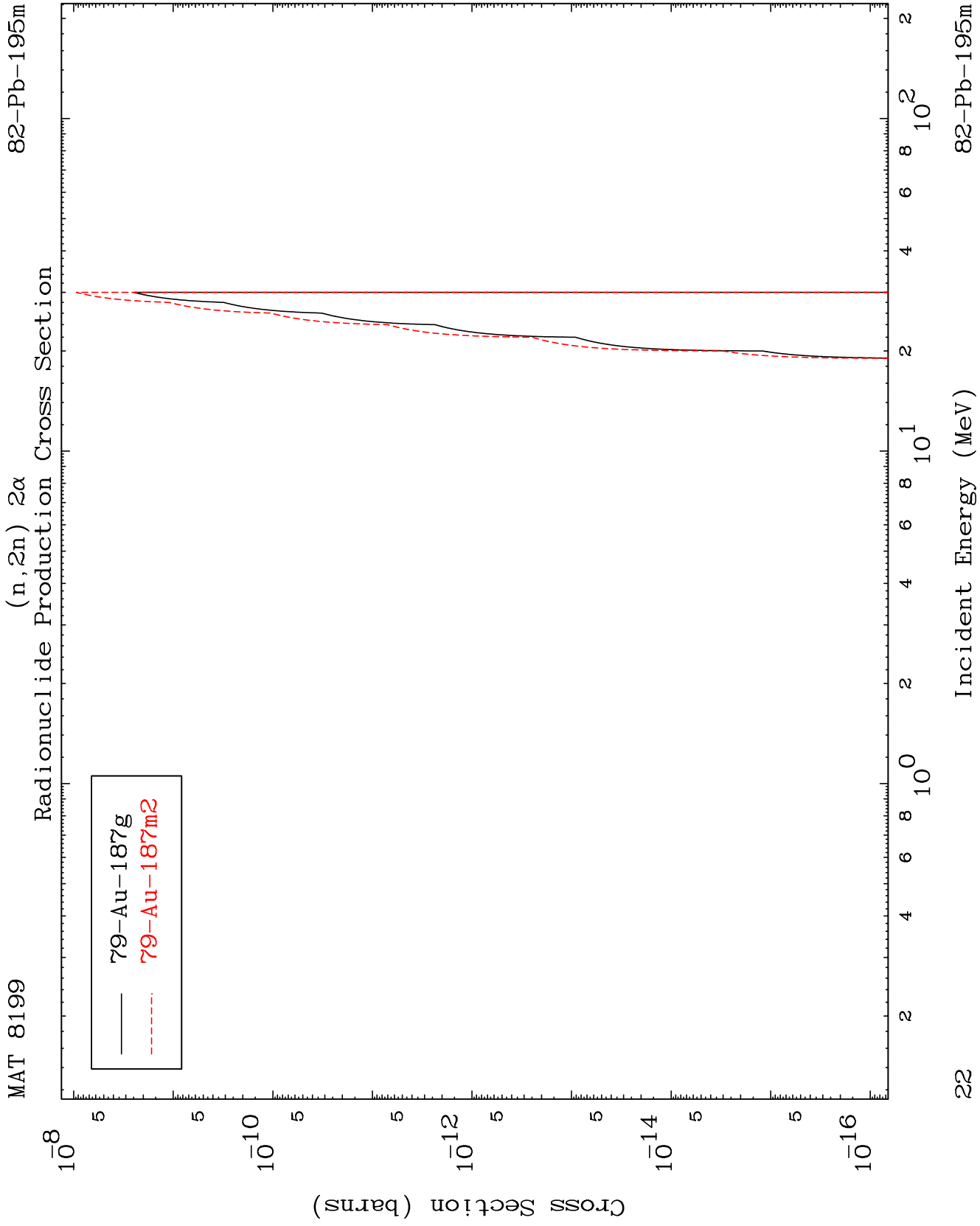
(n,n') p
Radionuclide Production Cross Section



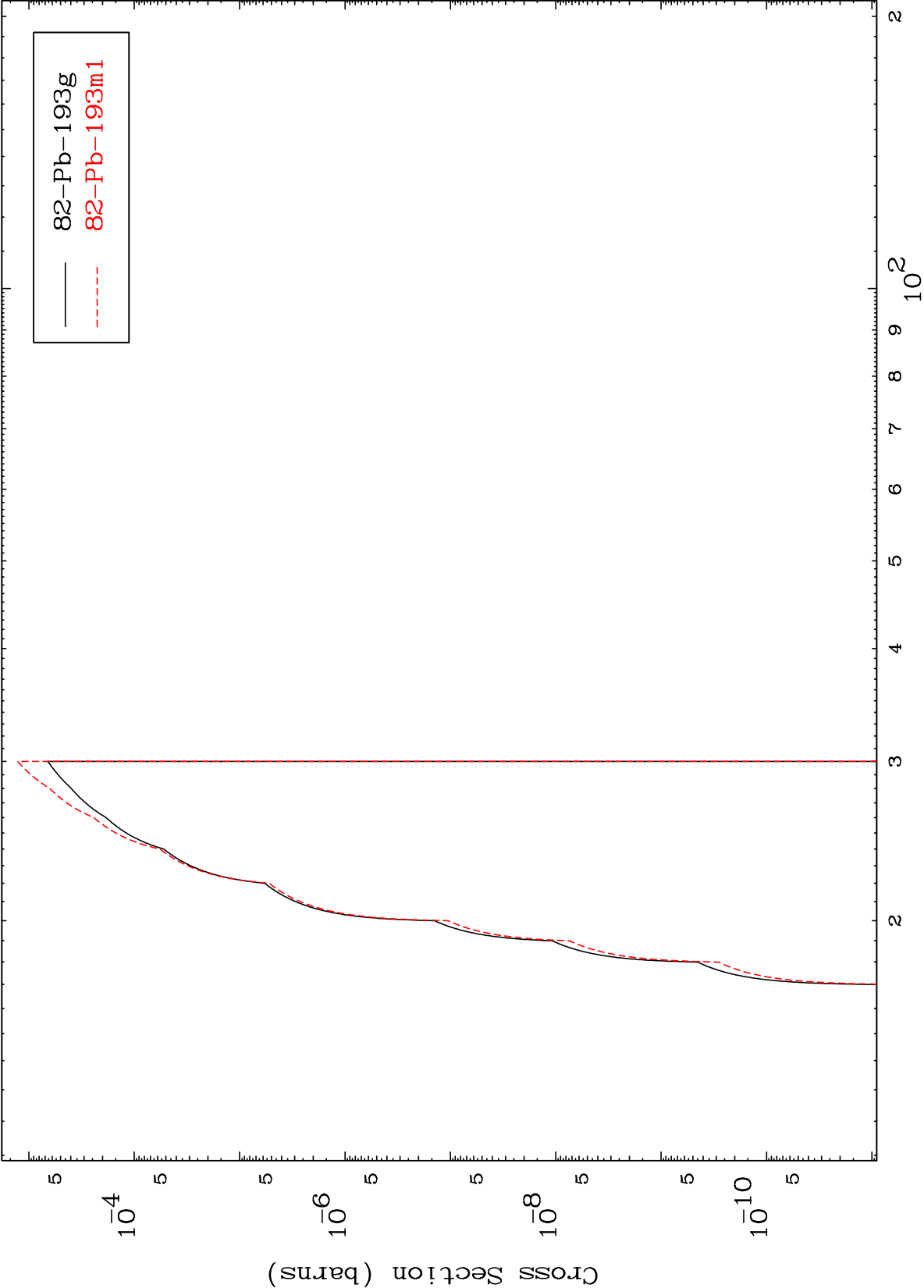
21

Incident Energy (MeV)

82-Pb-195m



Radionuclide Production Cross Section

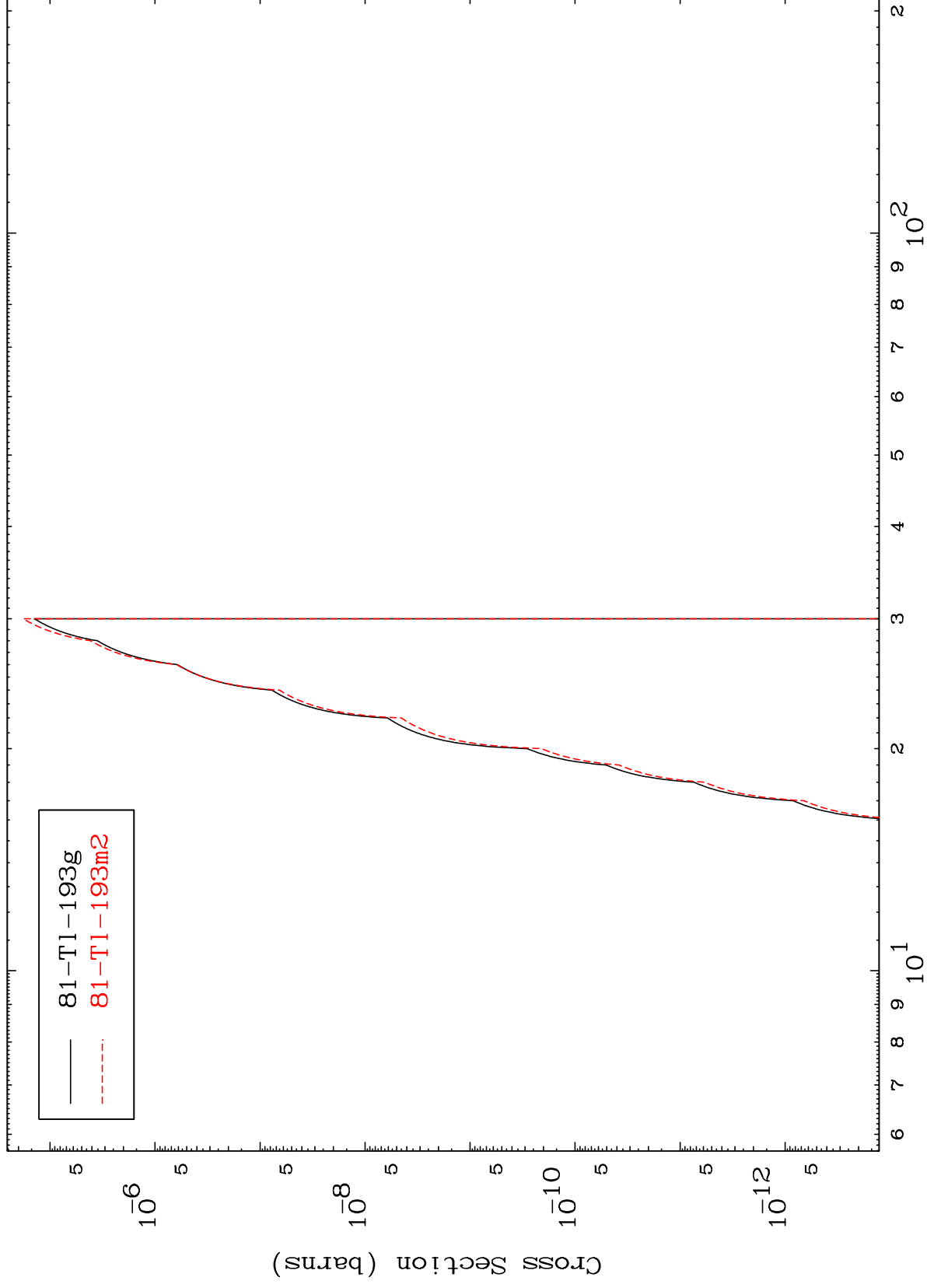


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(n,n') He-3

82-Pb-195m

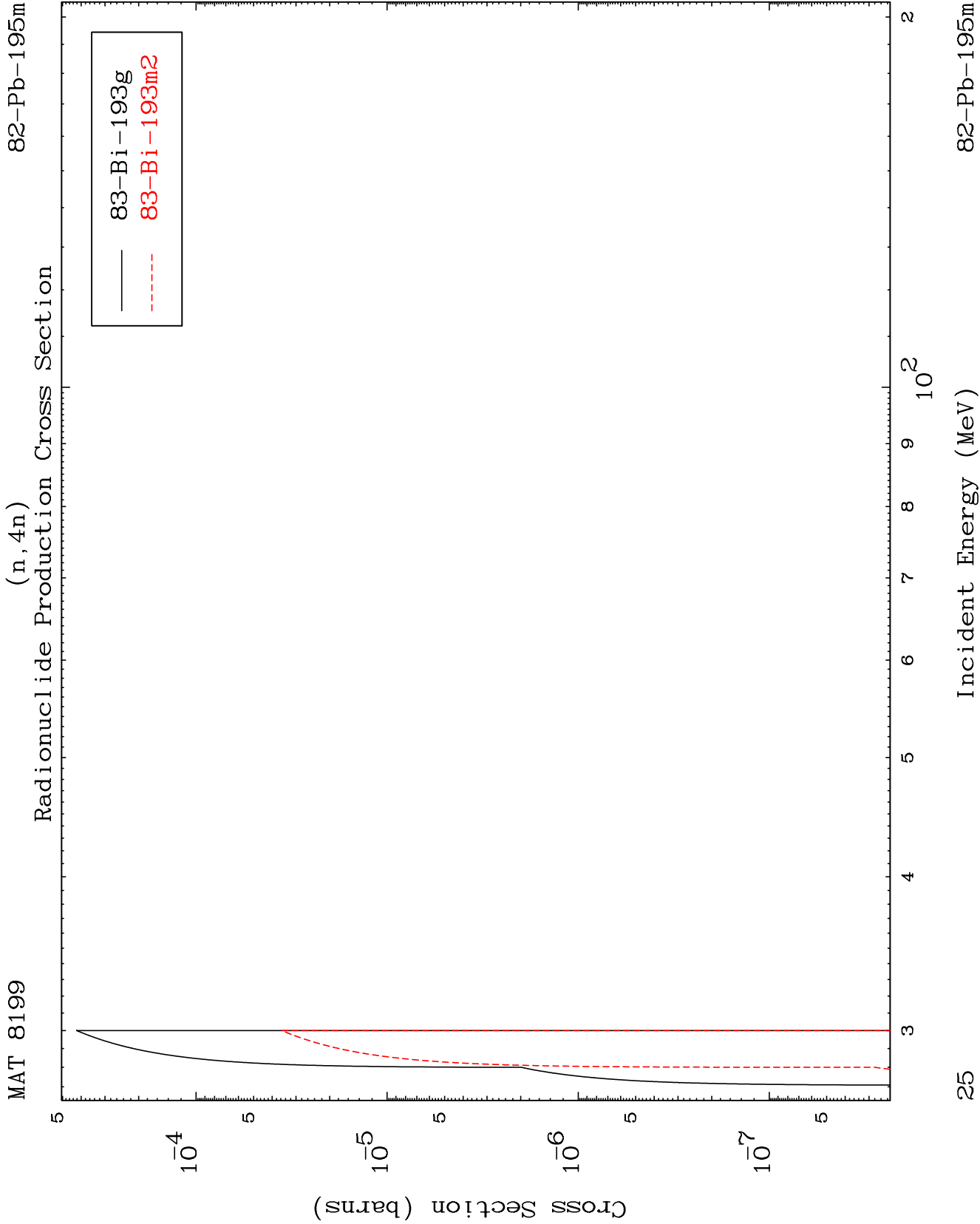
Radionuclide Production Cross Section



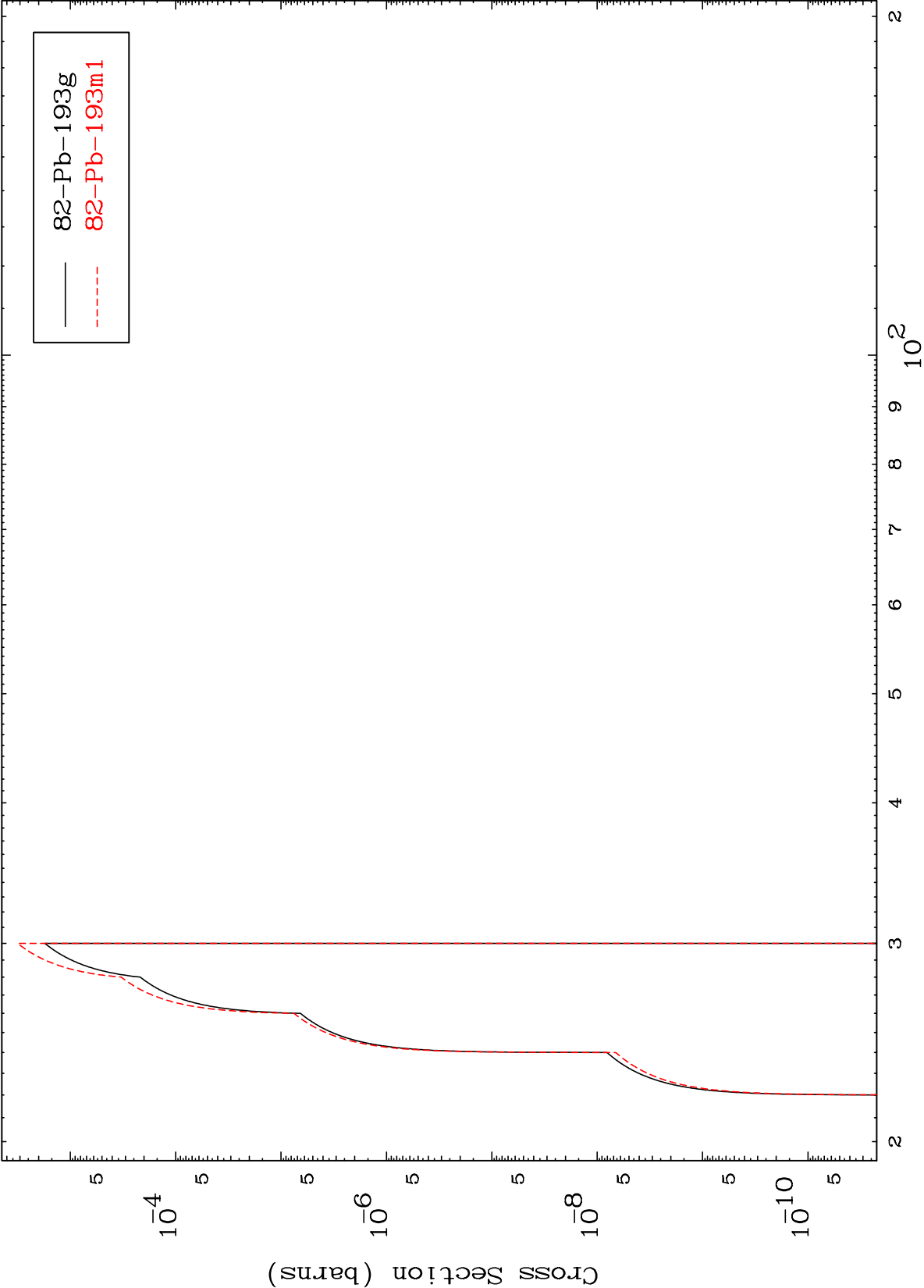
24

Incident Energy (MeV)

82-Pb-195m



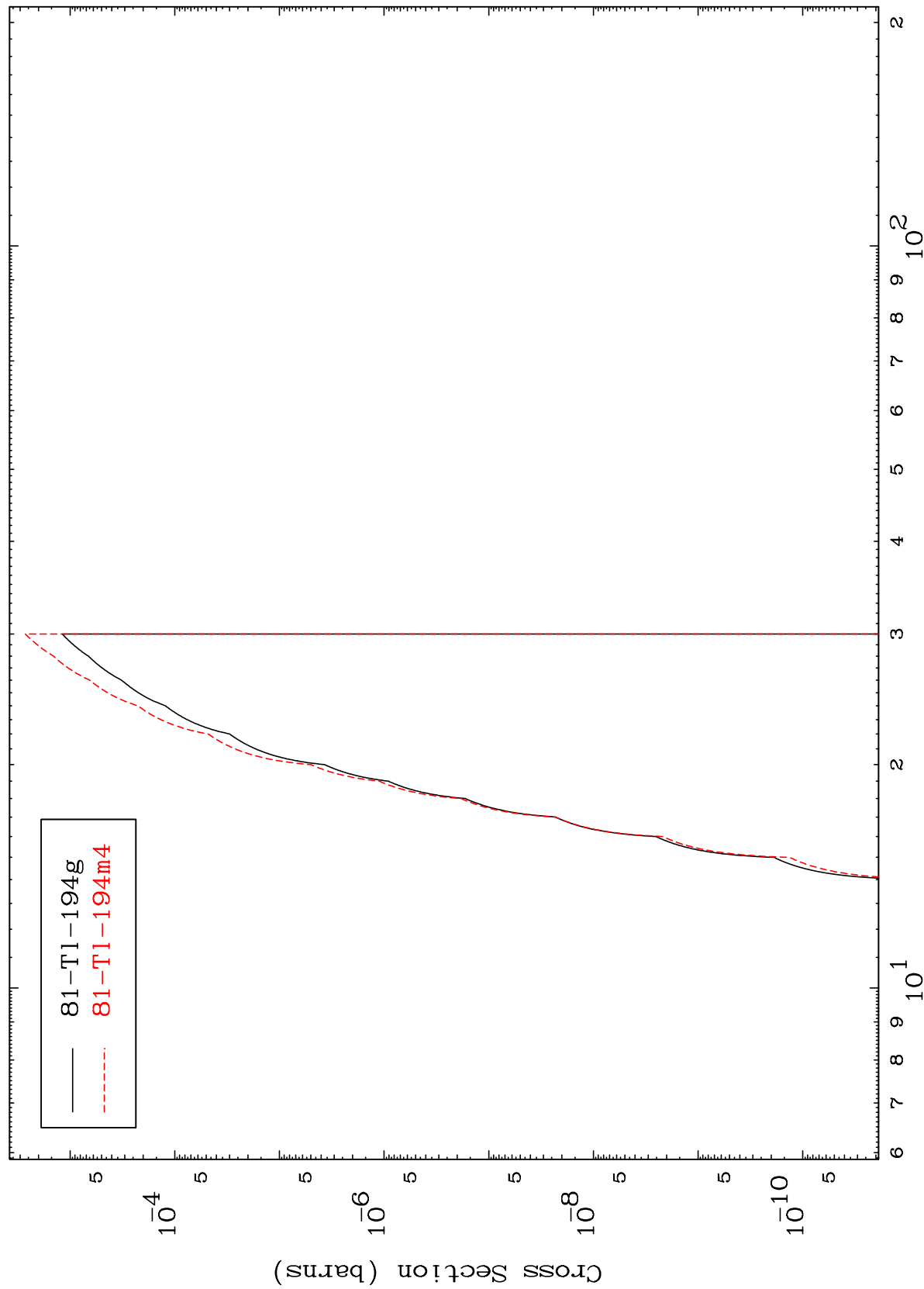
(n,3n) p
Radionuclide Production Cross Section



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82-Pb-195m

(n,2n) p
Radionuclide Production Cross Section

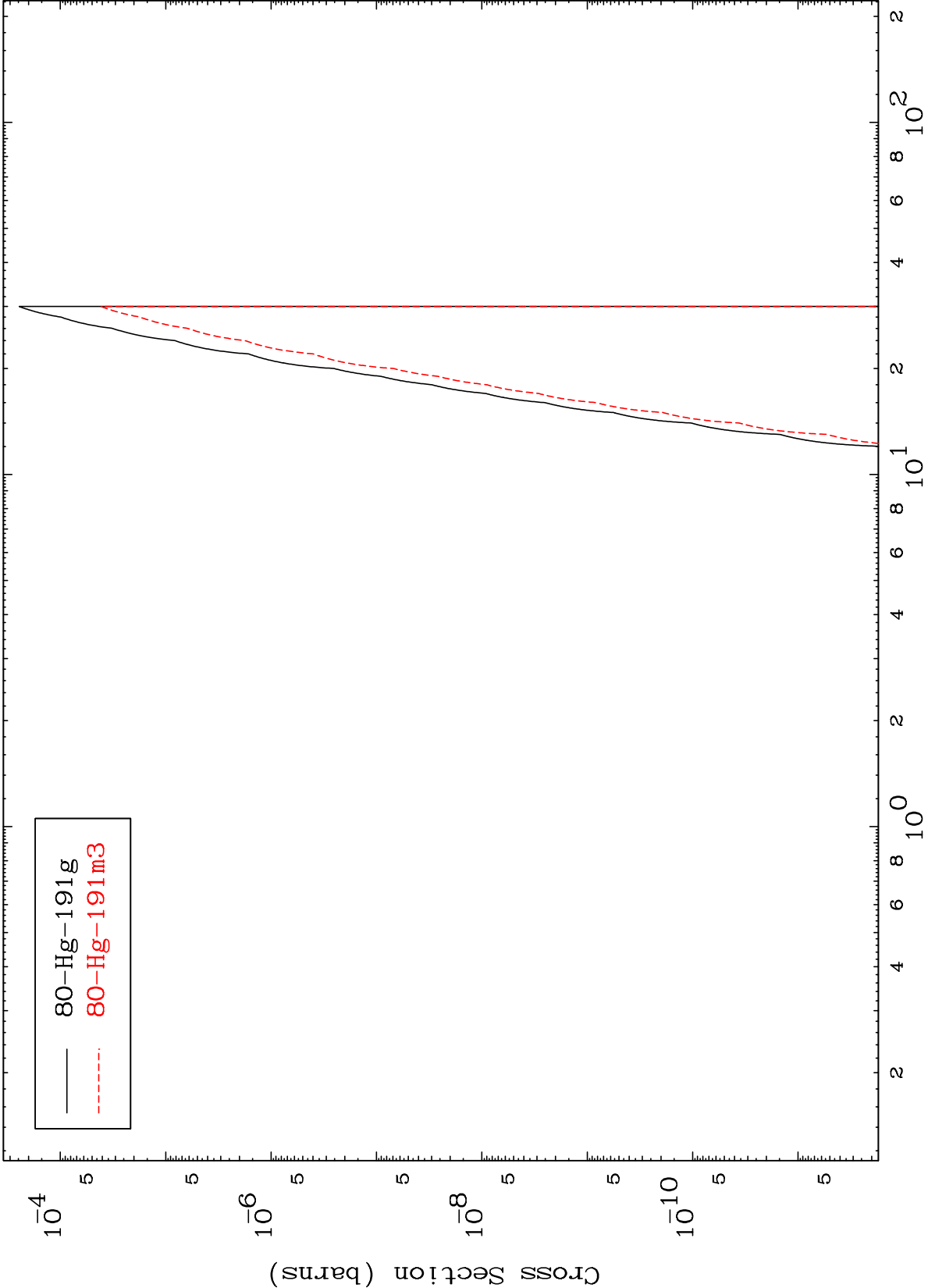


27

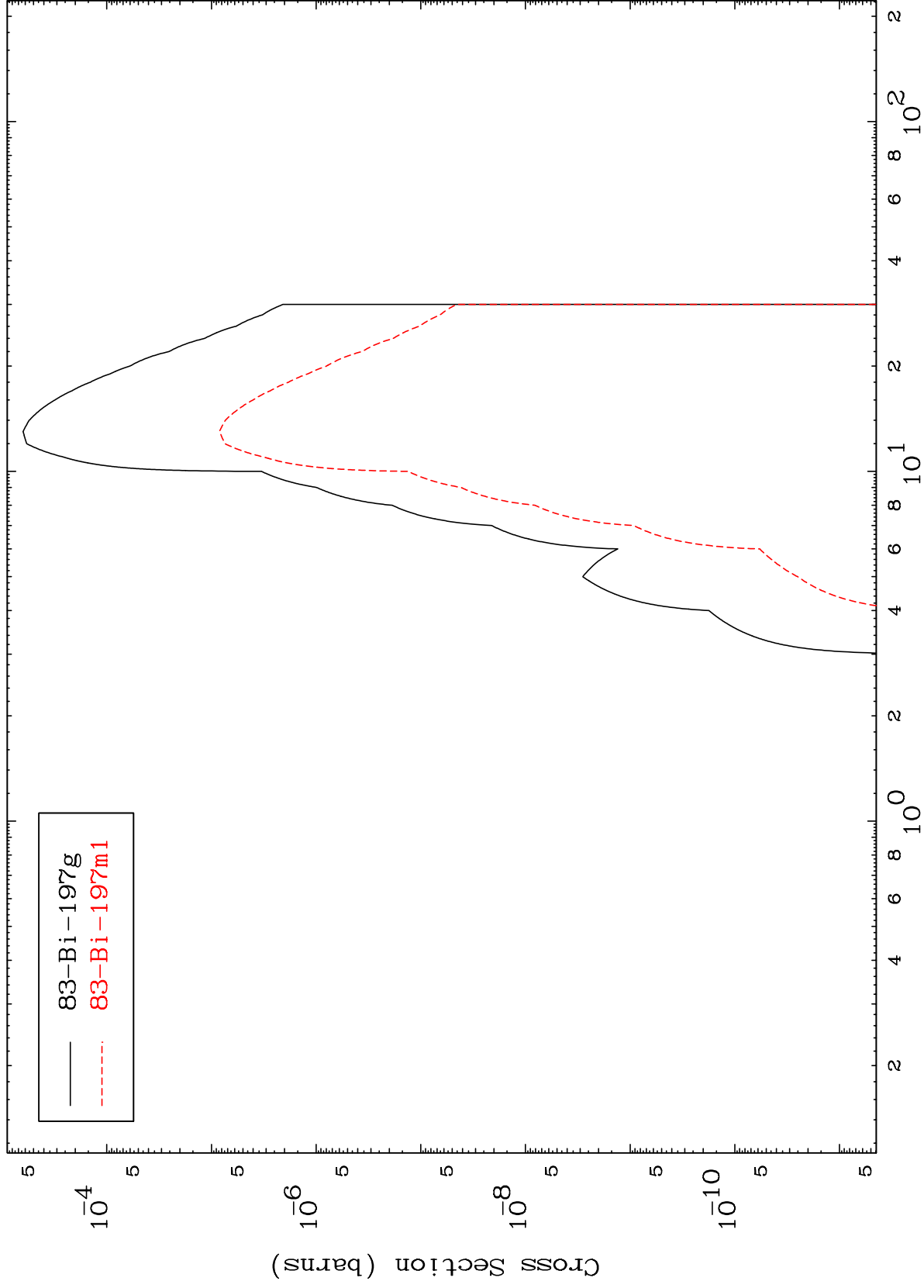
Incident Energy (MeV)

82-Pb-195m

Radionuclide Production Cross Section



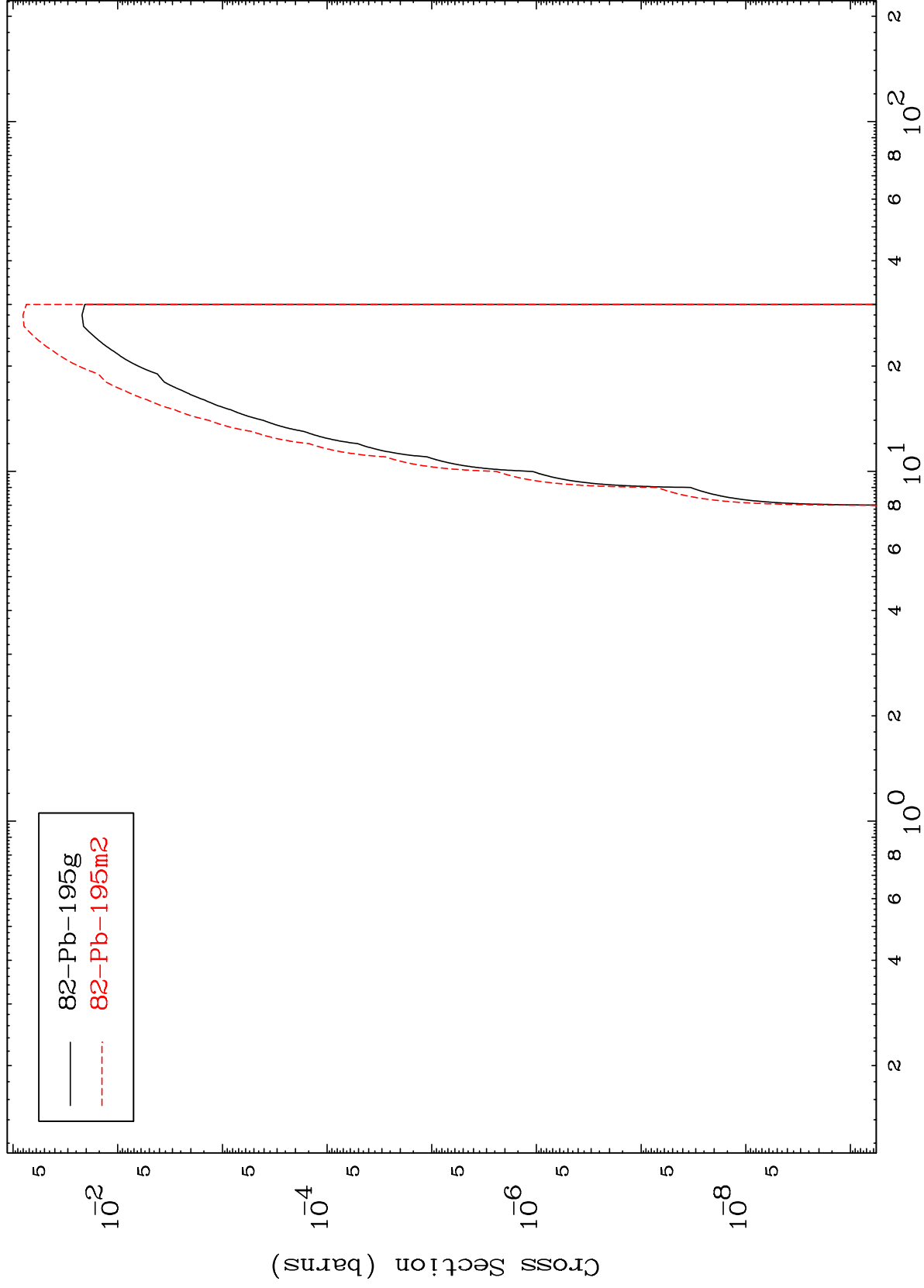
Radionuclide Production Cross Section
(n, γ)



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82-Pb-195m

(n,d)
Radionuclide Production Cross Section

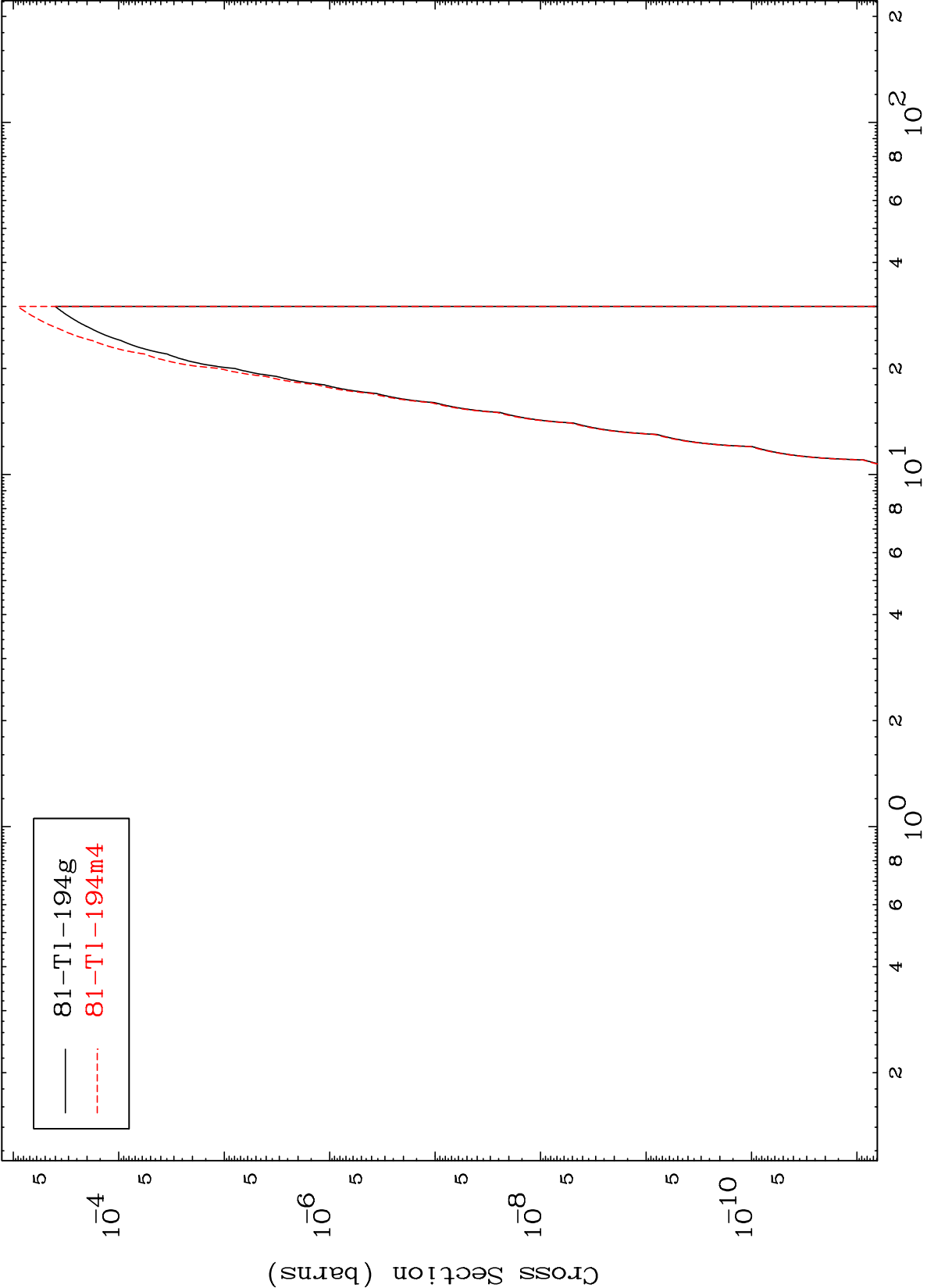


30

Incident Energy (MeV)

82-Pb-195m

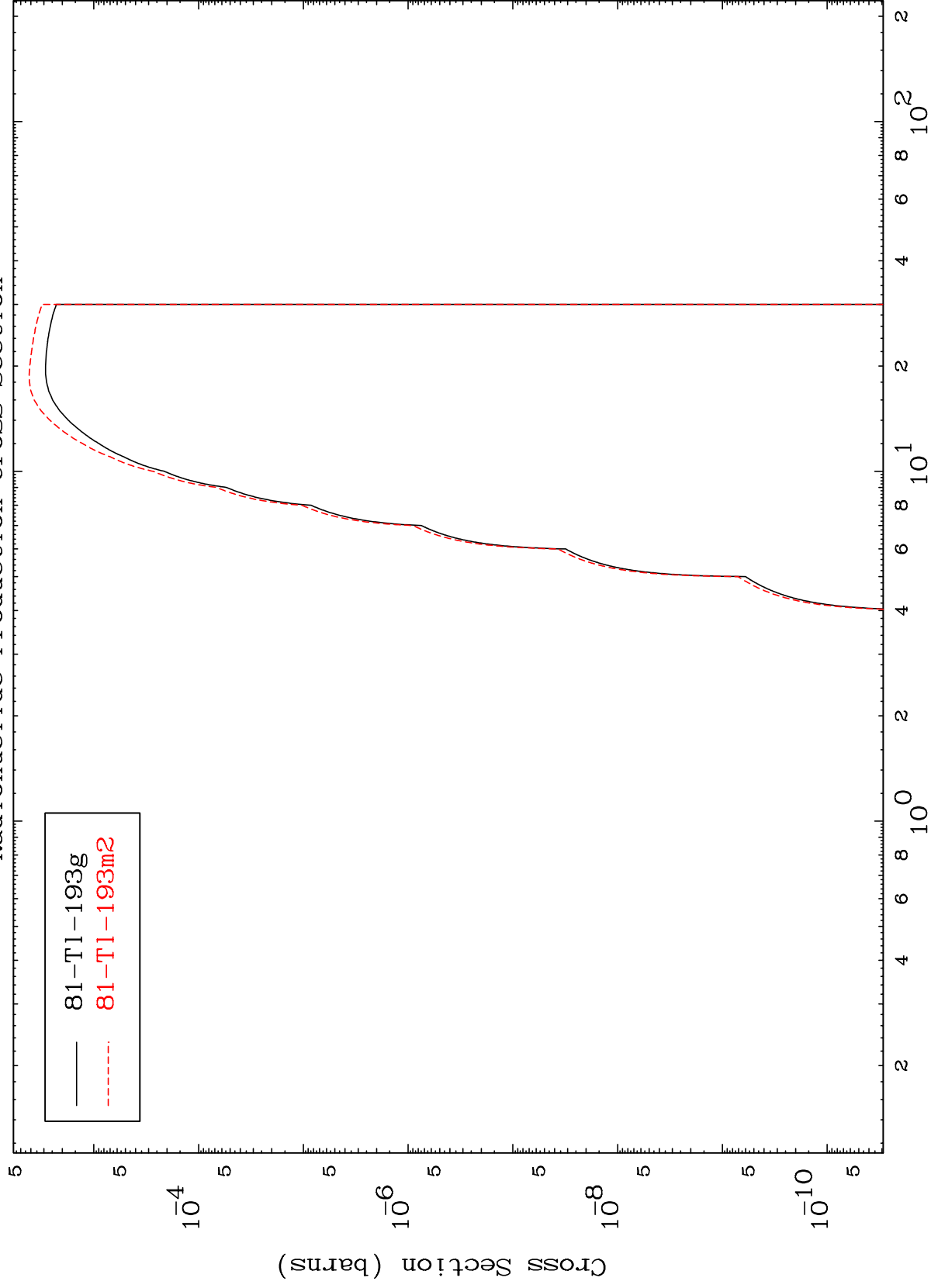
Radionuclide Production Cross Section



MAT 8199

82-Pb-195m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

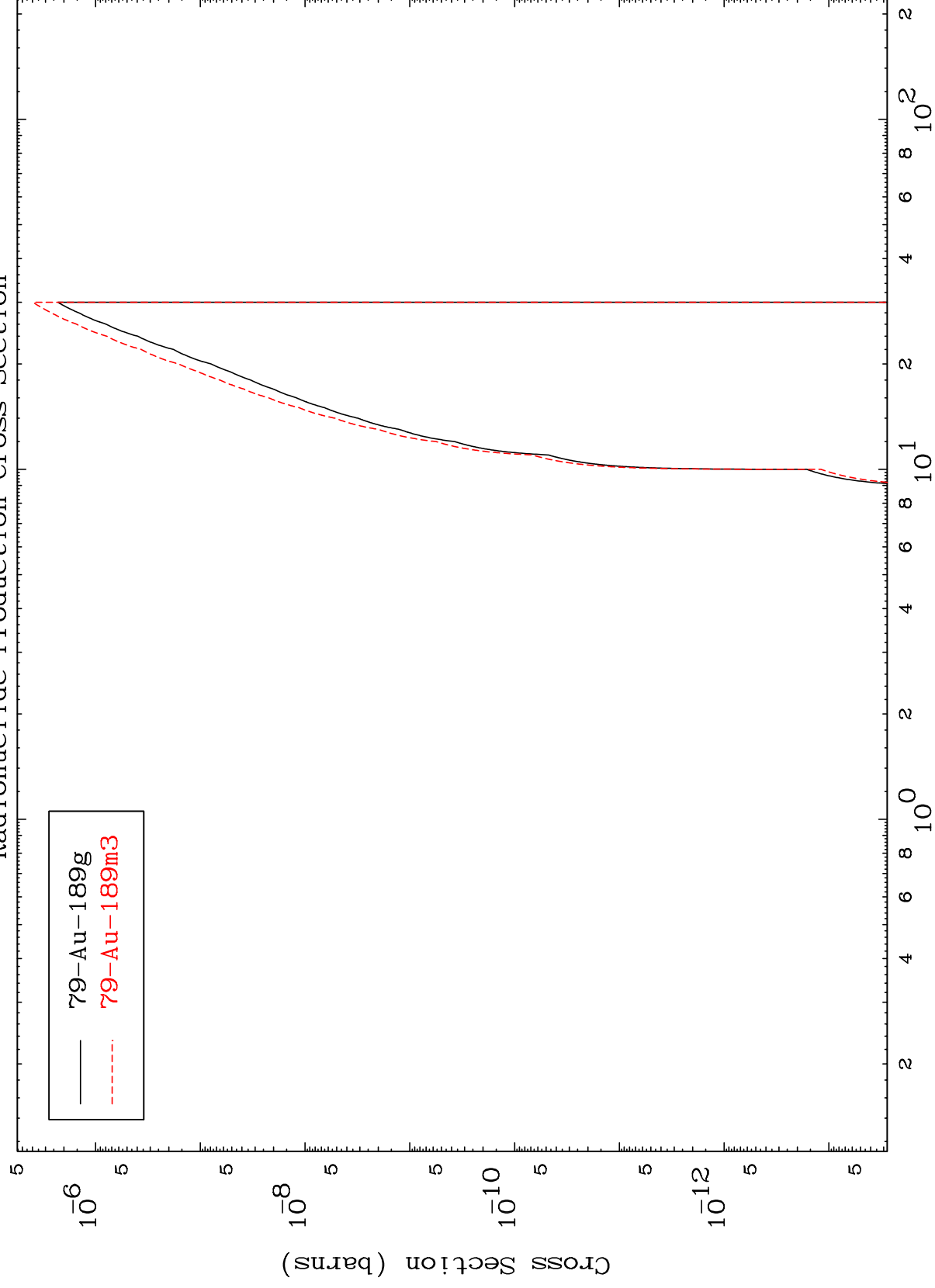
82-Pb-195m

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(n,2 α)

82-Pb-195m

Radionuclide Production Cross Section



33

Incident Energy (MeV)

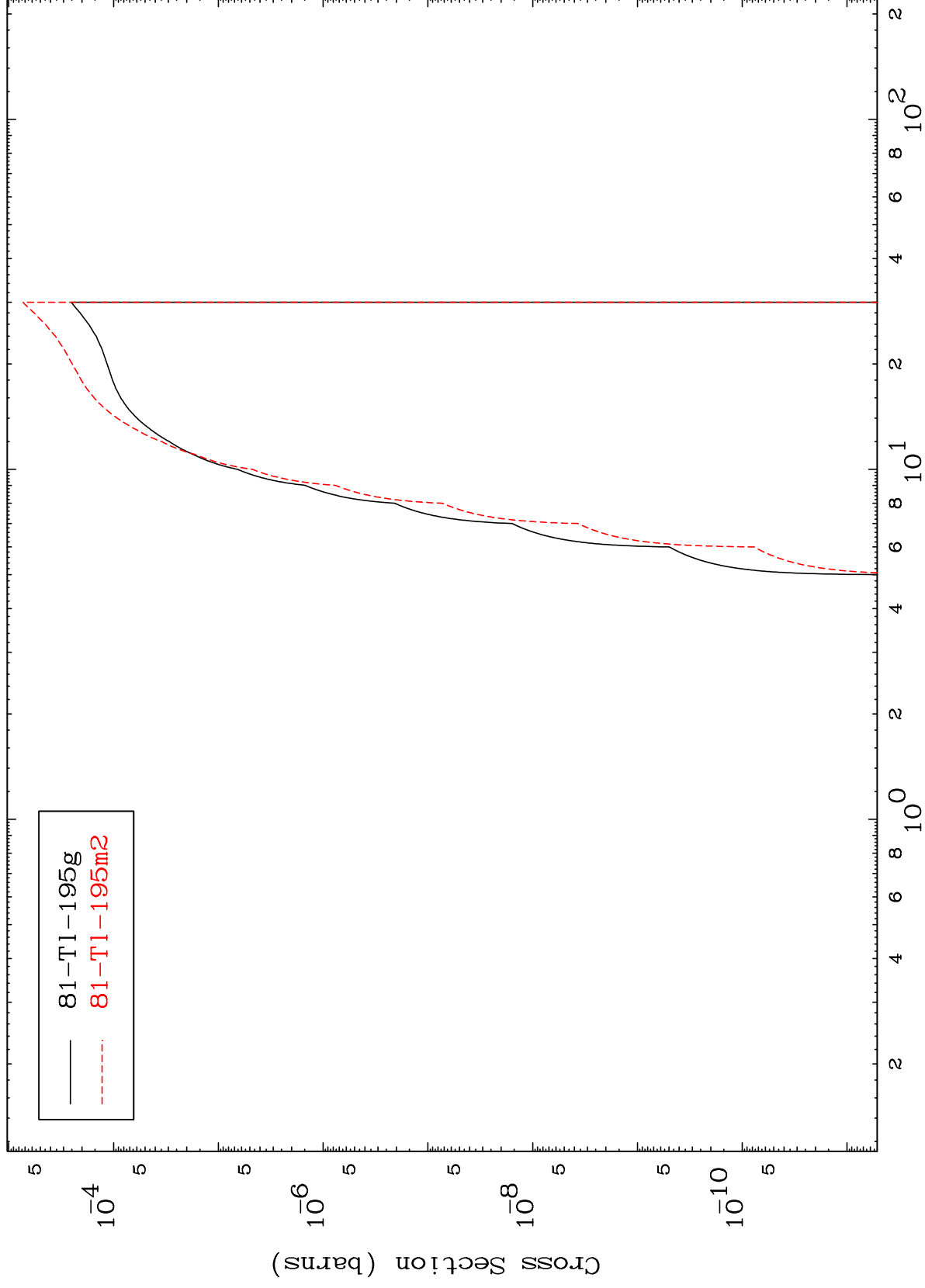
82-Pb-195m

MAT 8199

(n,2p)

82-Pb-195m

Radionuclide Production Cross Section



34

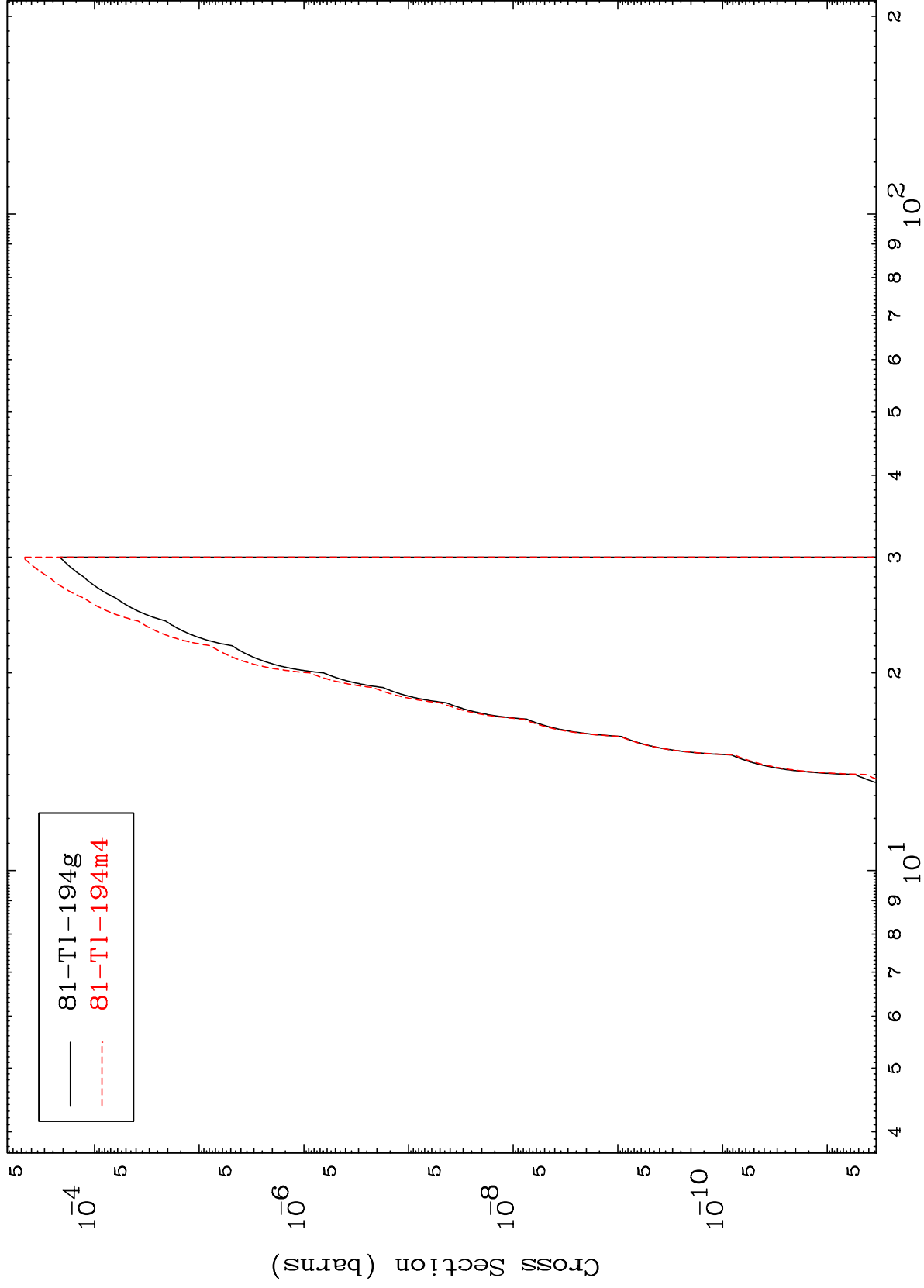
Incident Energy (MeV)

82-Pb-195m

MAT 8199

82-Pb-195m

(n,p) d
Radionuclide Production Cross Section

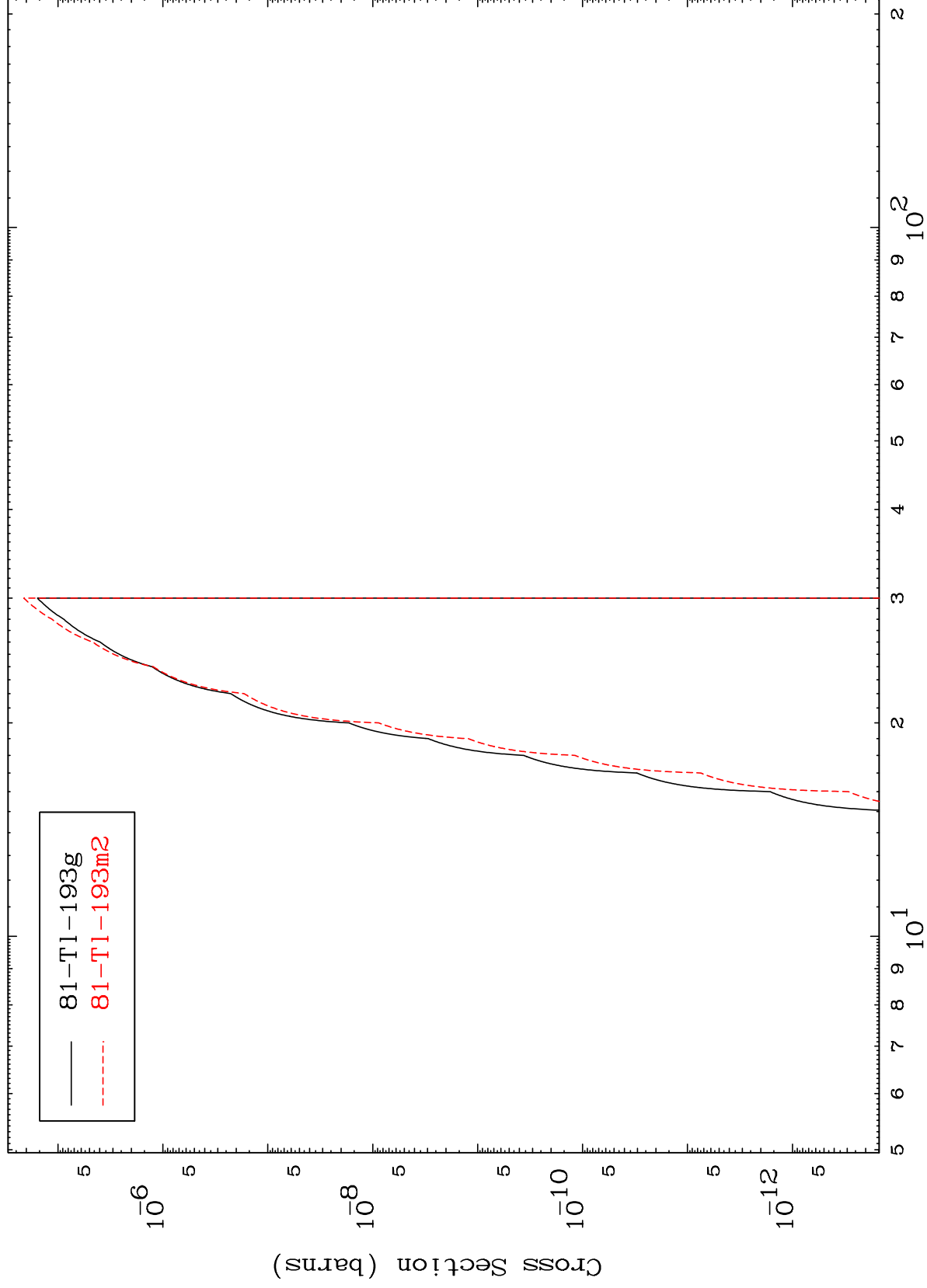


Incident Energy (MeV)

82-Pb-195m

35

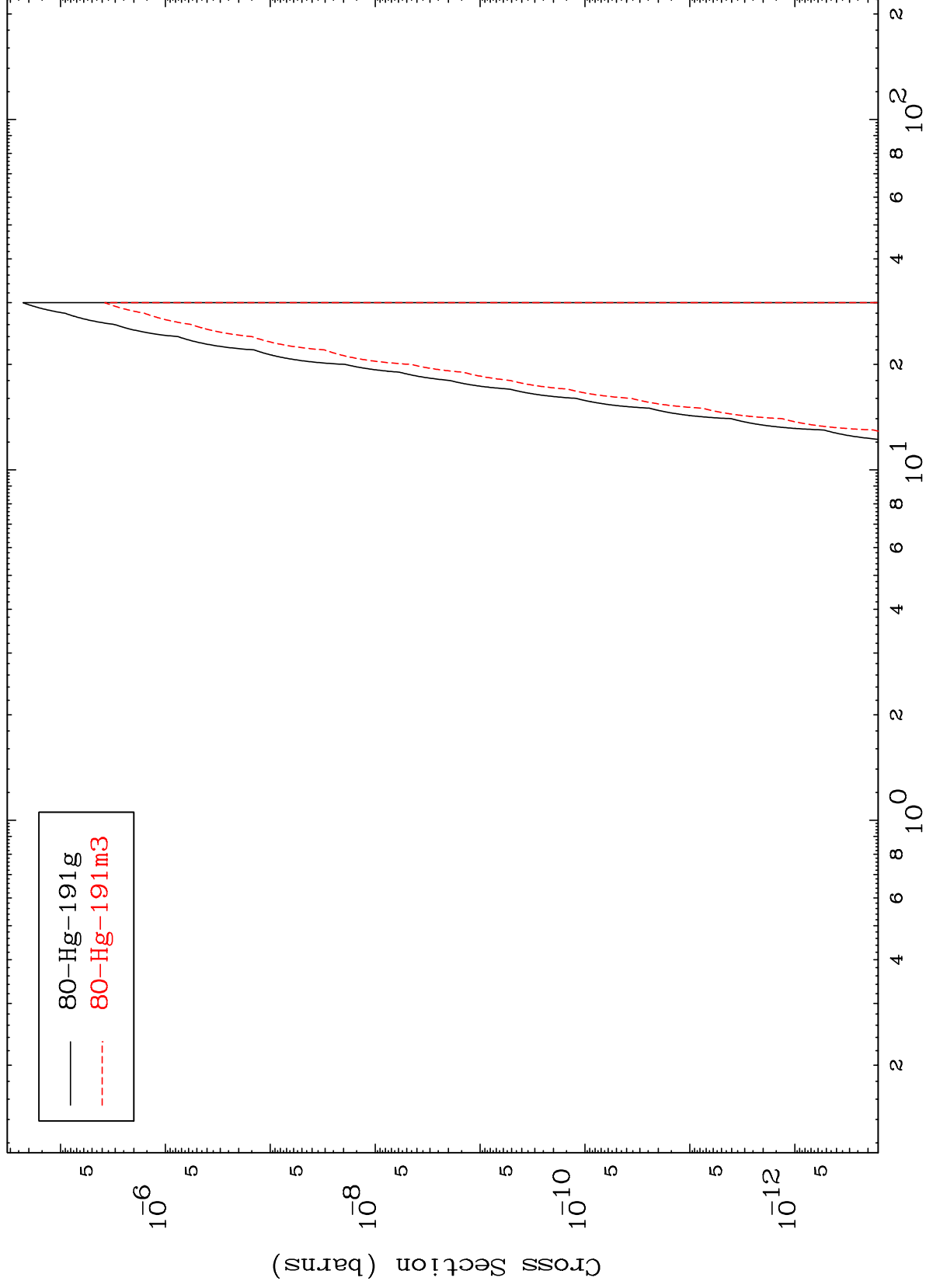
(n,p) t
Radionuclide Production Cross Section



MAT 8199

82-Pb-195m

(n,d) α
Radionuclide Production Cross Section



37

Incident Energy (MeV)

82-Pb-195m