

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

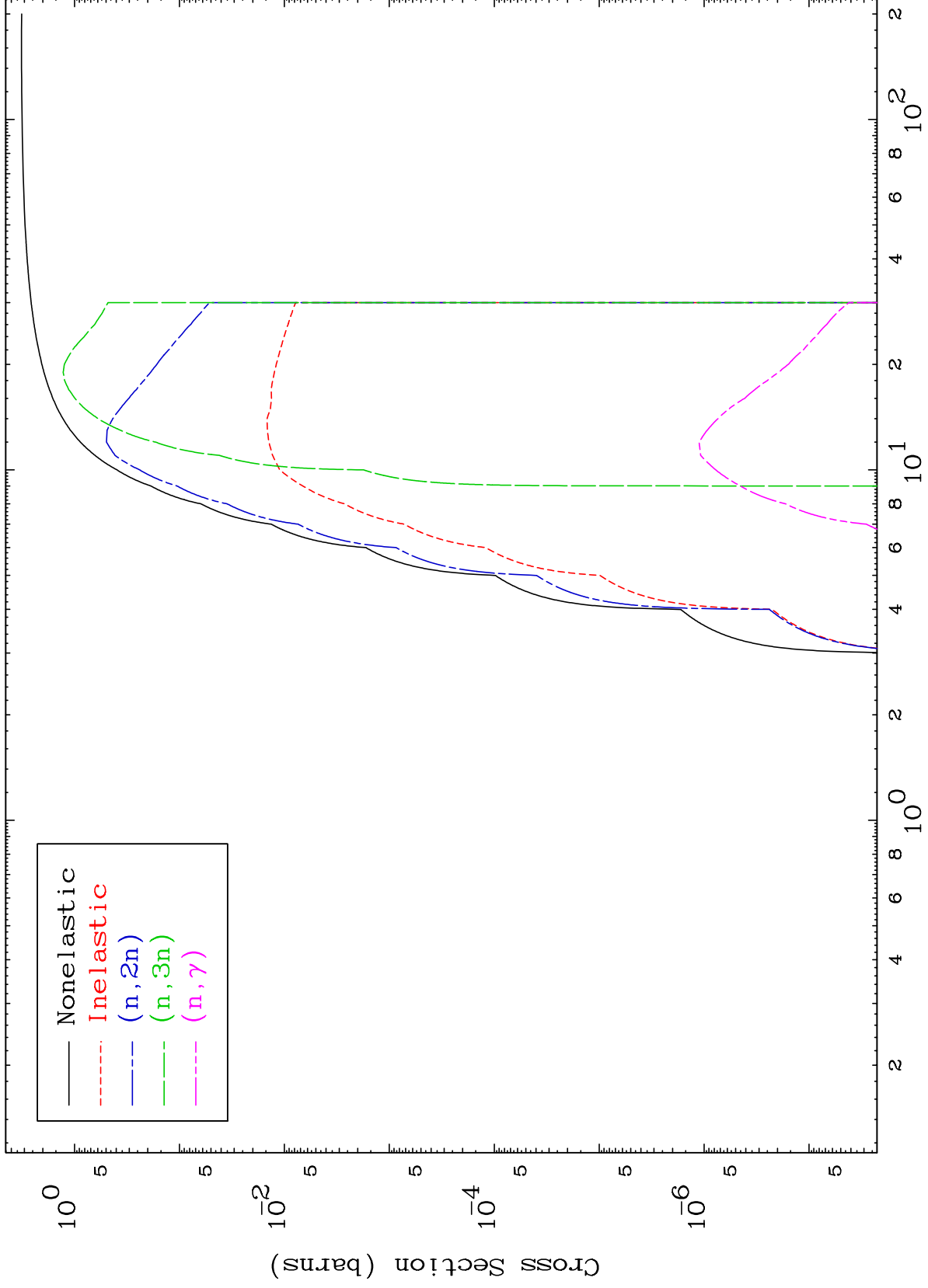
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

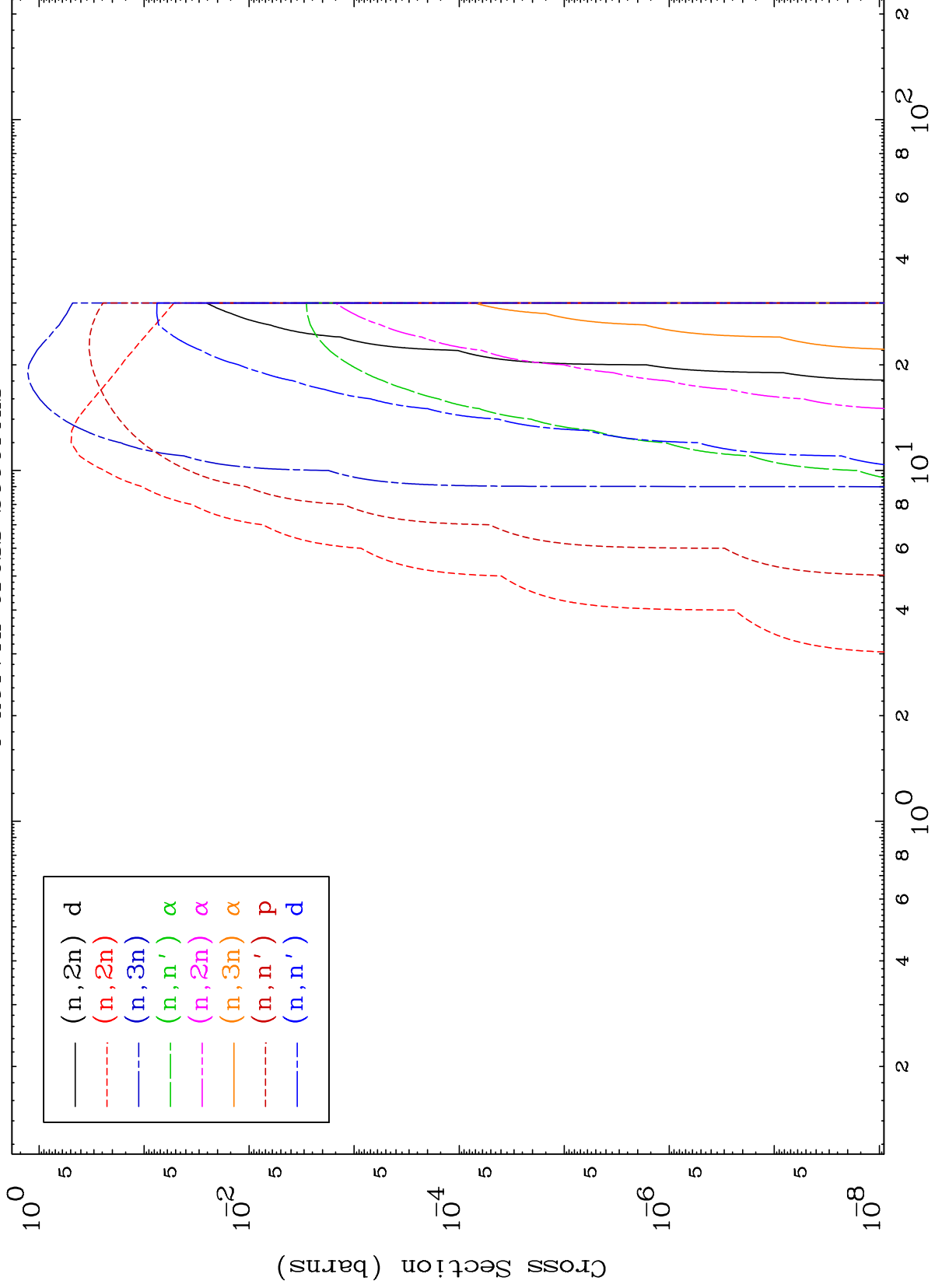
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

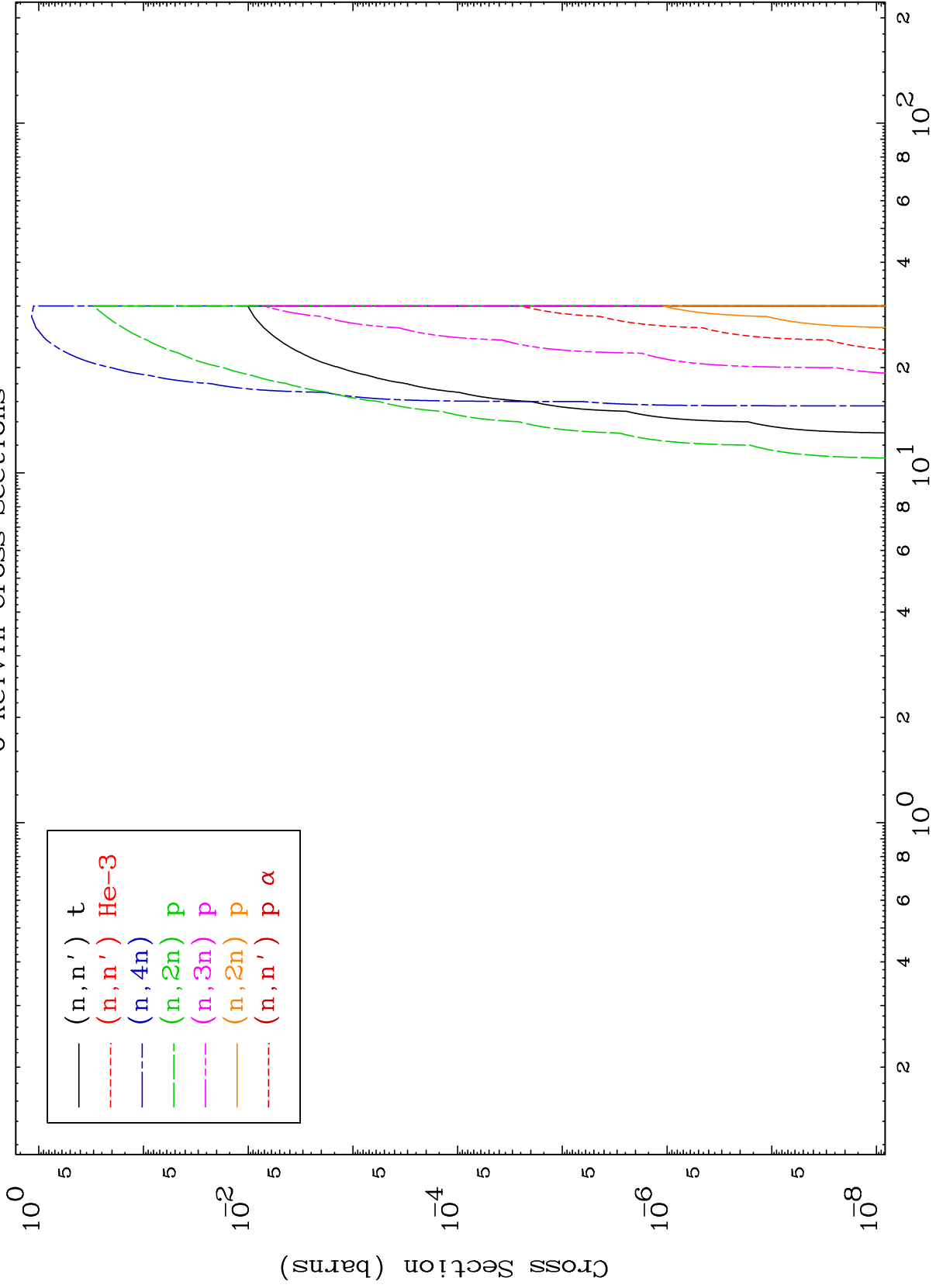


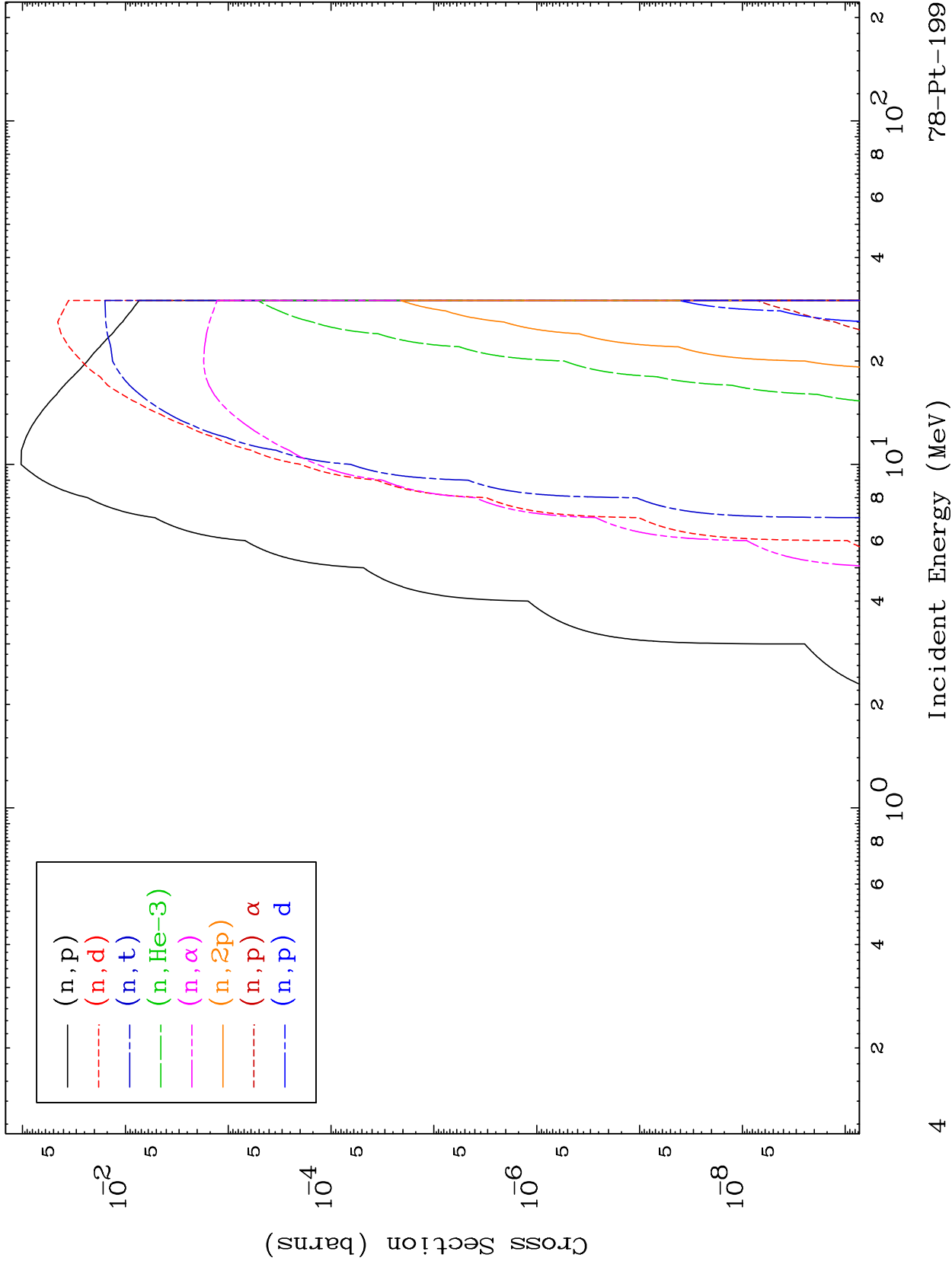


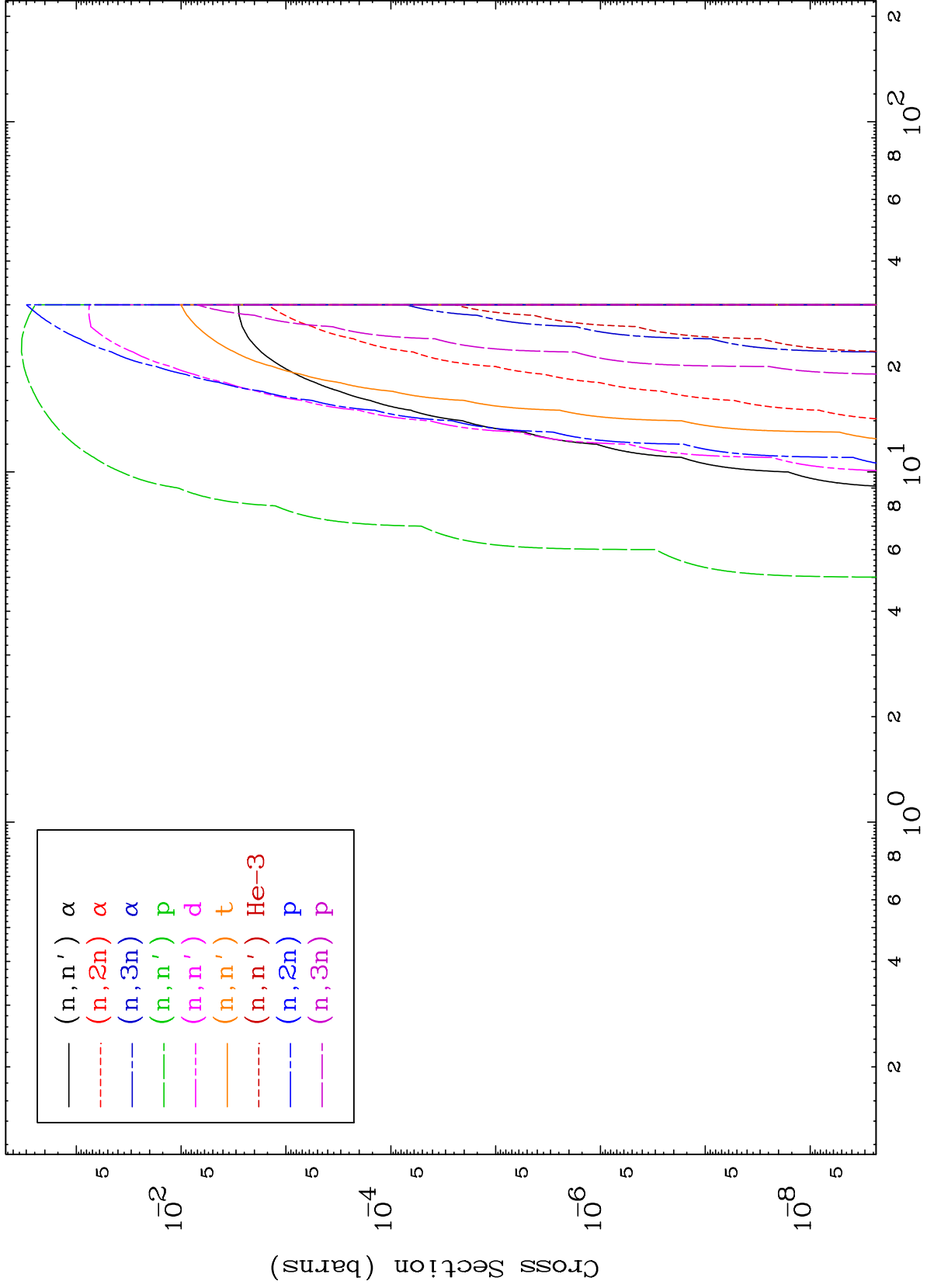
MAT 7852

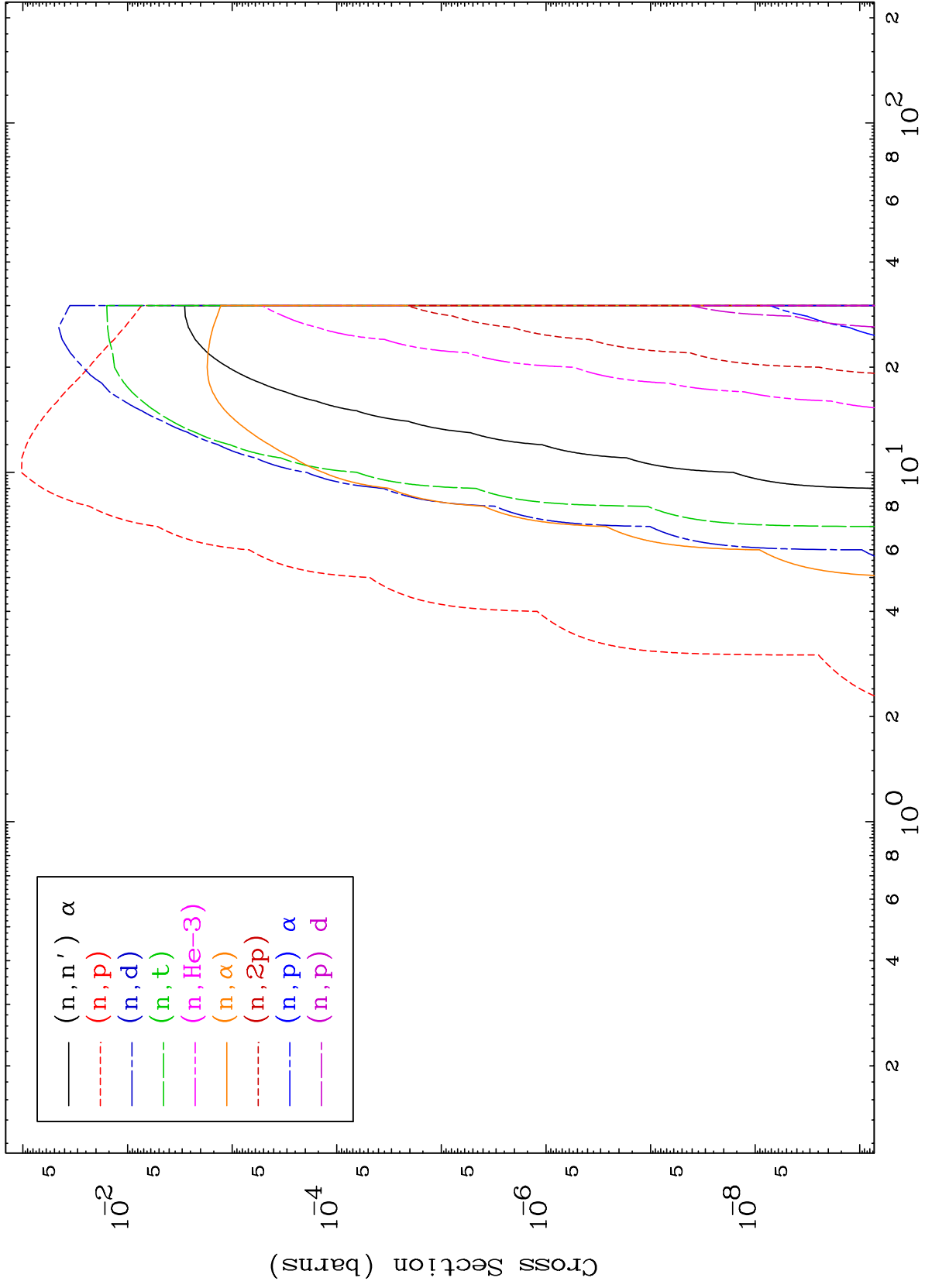
Deuteron Neutron Absorption
0 Kelvin Cross Sections

78-Pt-199







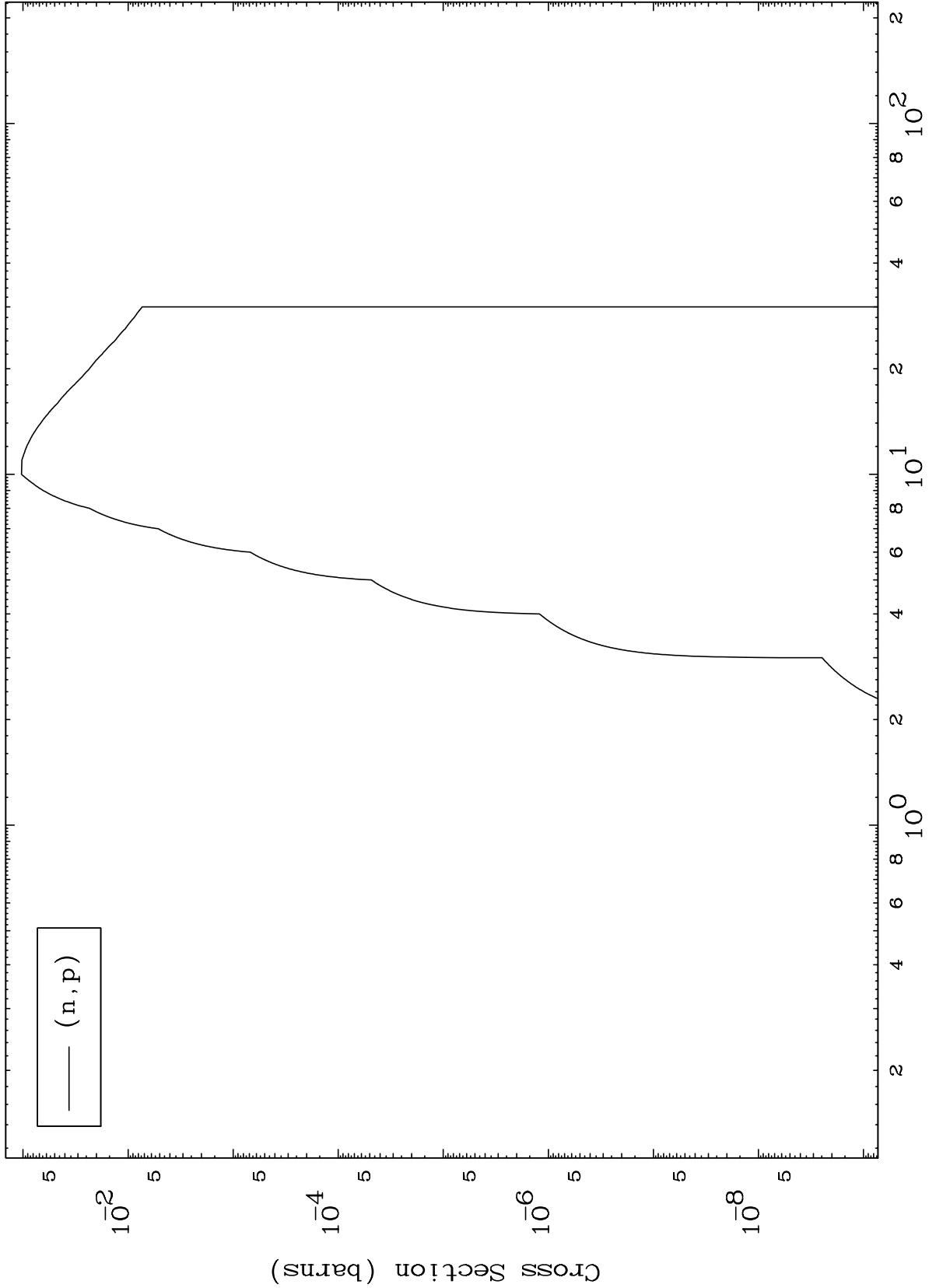


MAT 7852

(d,p) Levels

78-Pt-199

0 Kelvin Cross Sections

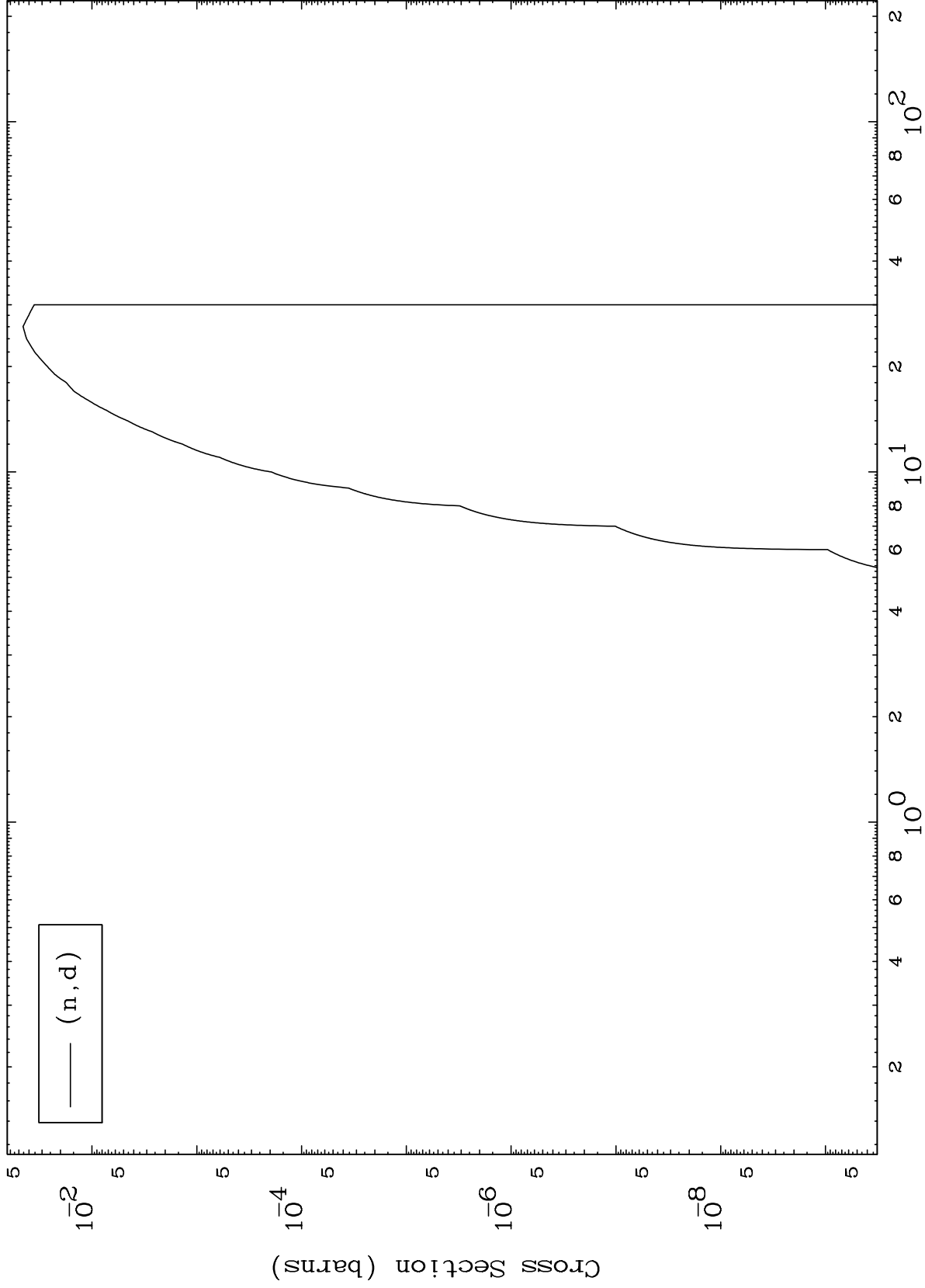


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(d,d) Levels

78-Pt-199

0 Kelvin Cross Sections

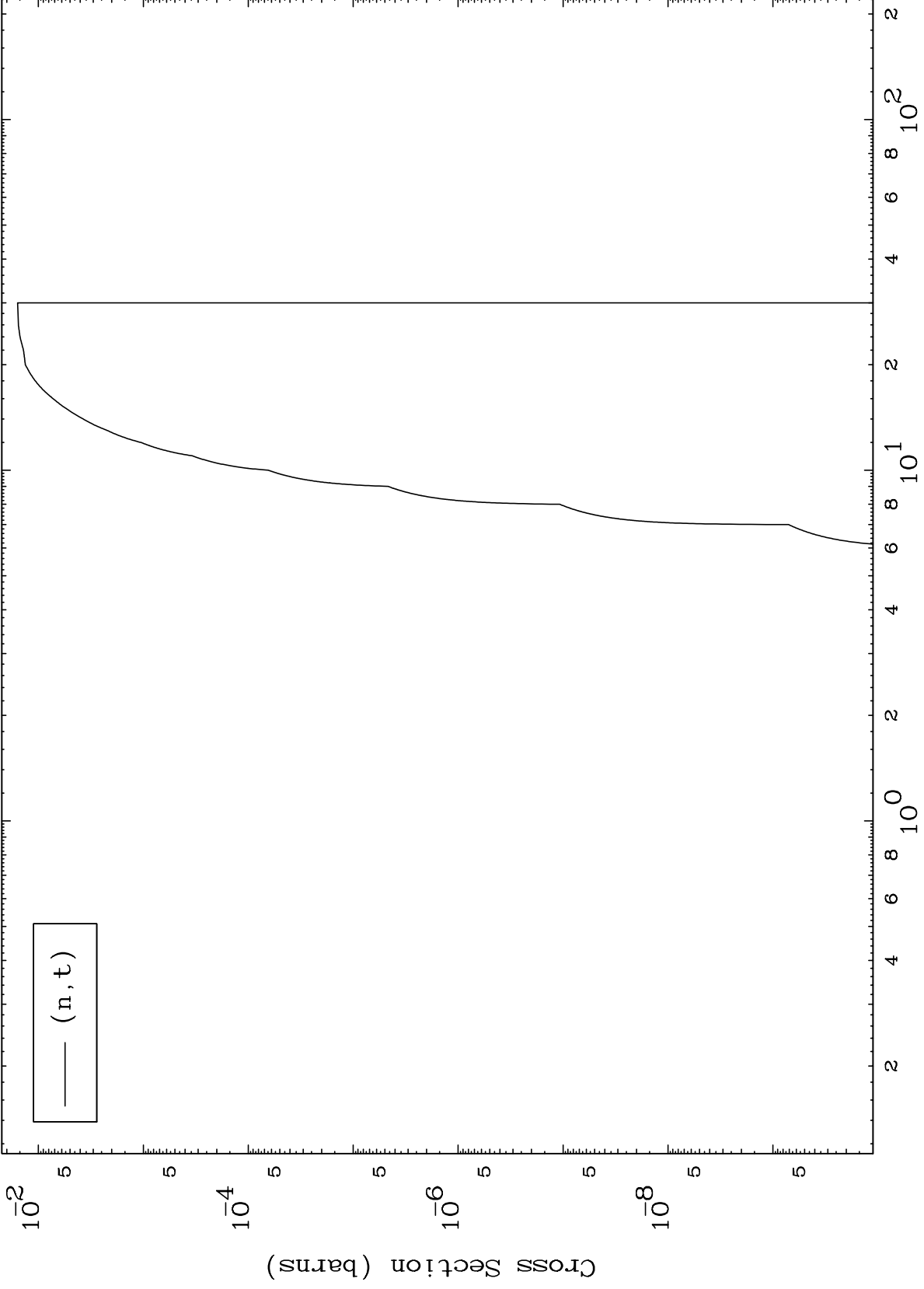


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(d, t) Levels

78-Pt-199

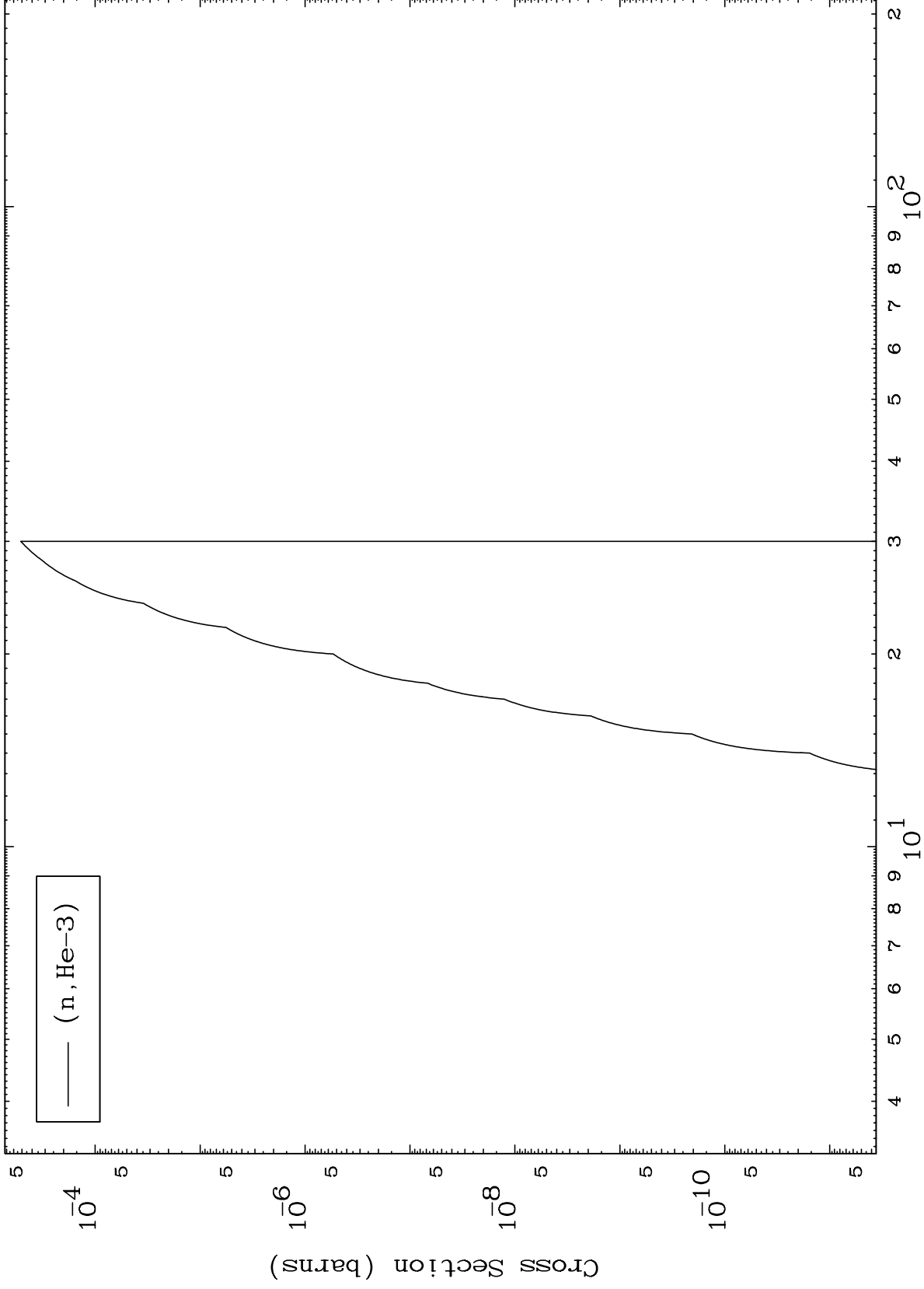
0 Kelvin Cross Sections



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(d,He3) Levels
0 Kelvin Cross Sections

78-Pt-199



10

Incident Energy (MeV)

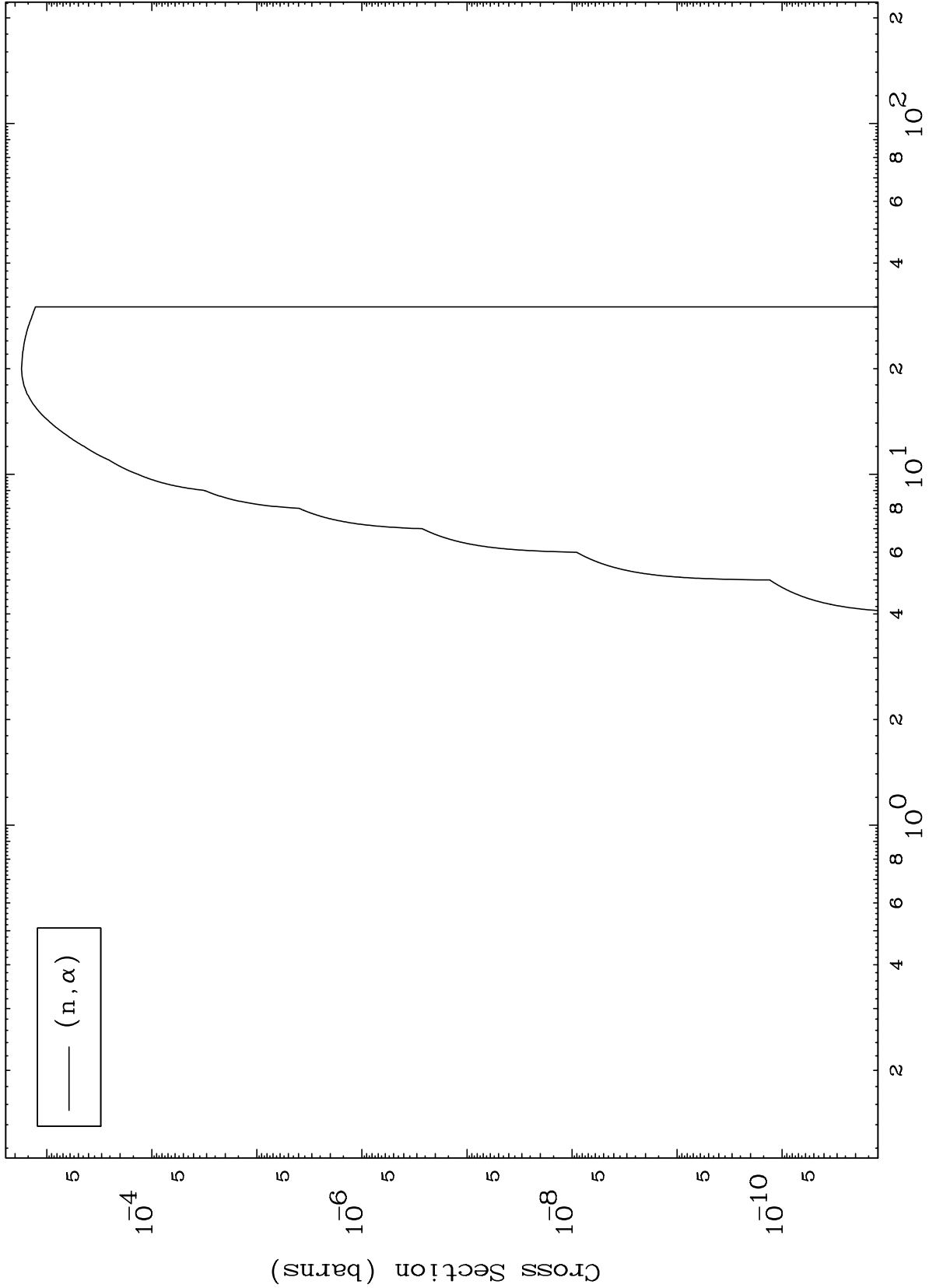
78-Pt-199

MAT 7852

(d, α) Levels

78-Pt-199

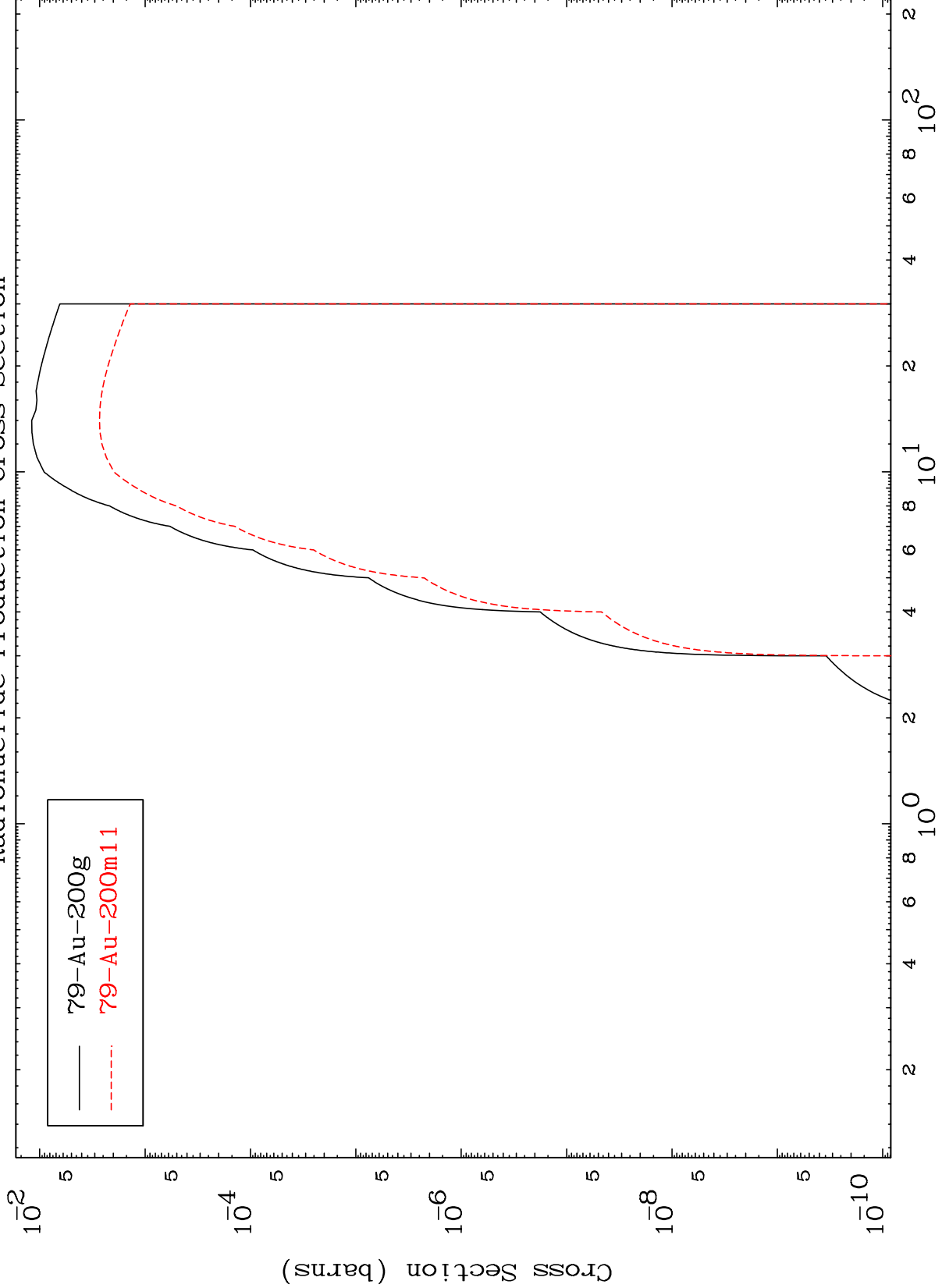
0 Kelvin Cross Sections



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Inelastic
Radionuclide Production Cross Section

78-Pt-199



79-Au-200g
79-Au-200m11

12

Incident Energy (MeV)

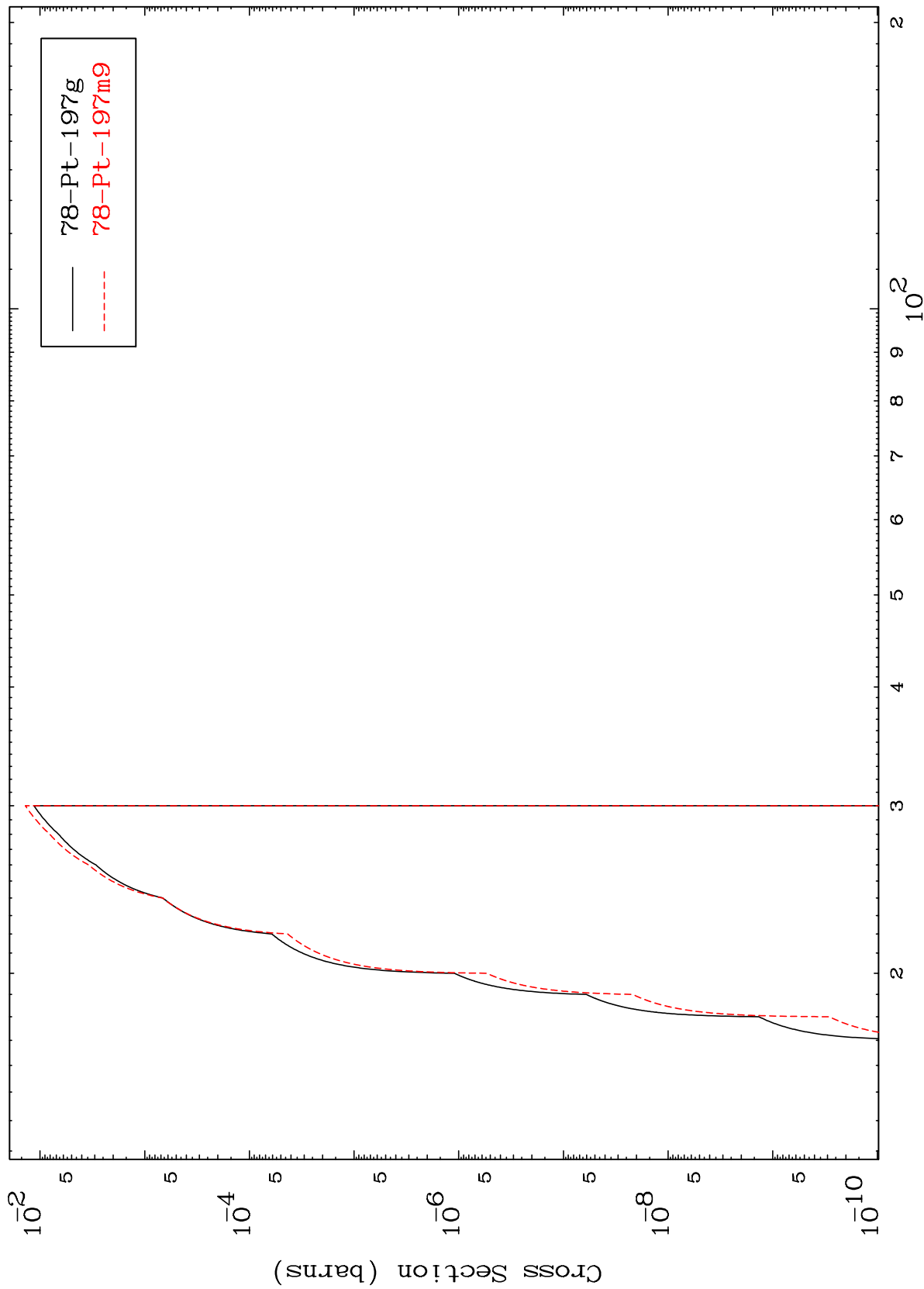
78-Pt-199

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(n,2n) d

78-Pt-199

Radionuclide Production Cross Section

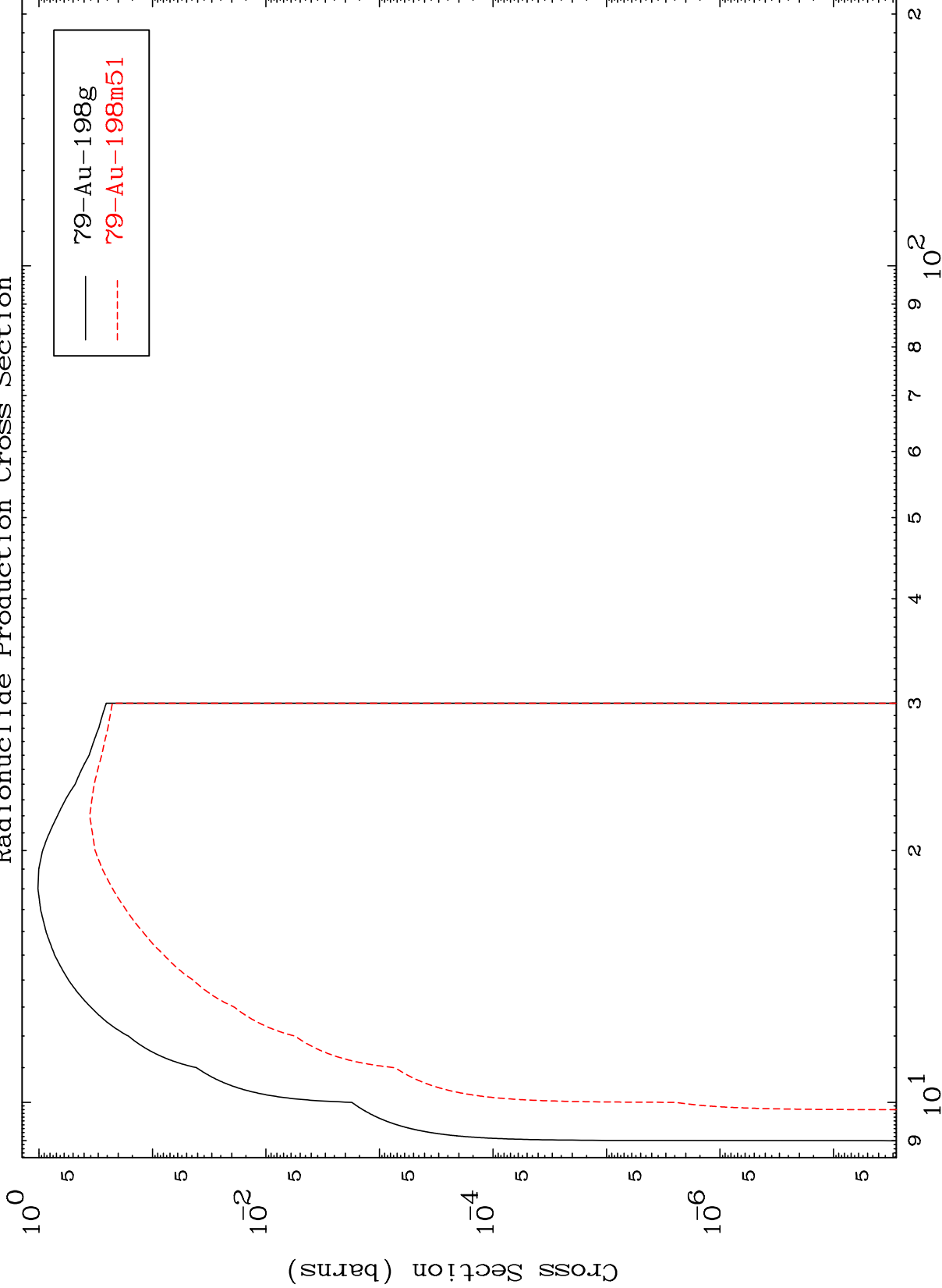


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(n,3n)

78-Pt-199

Radionuclide Production Cross Section



79-Au-198g
79-Au-198m51

Incident Energy (MeV)

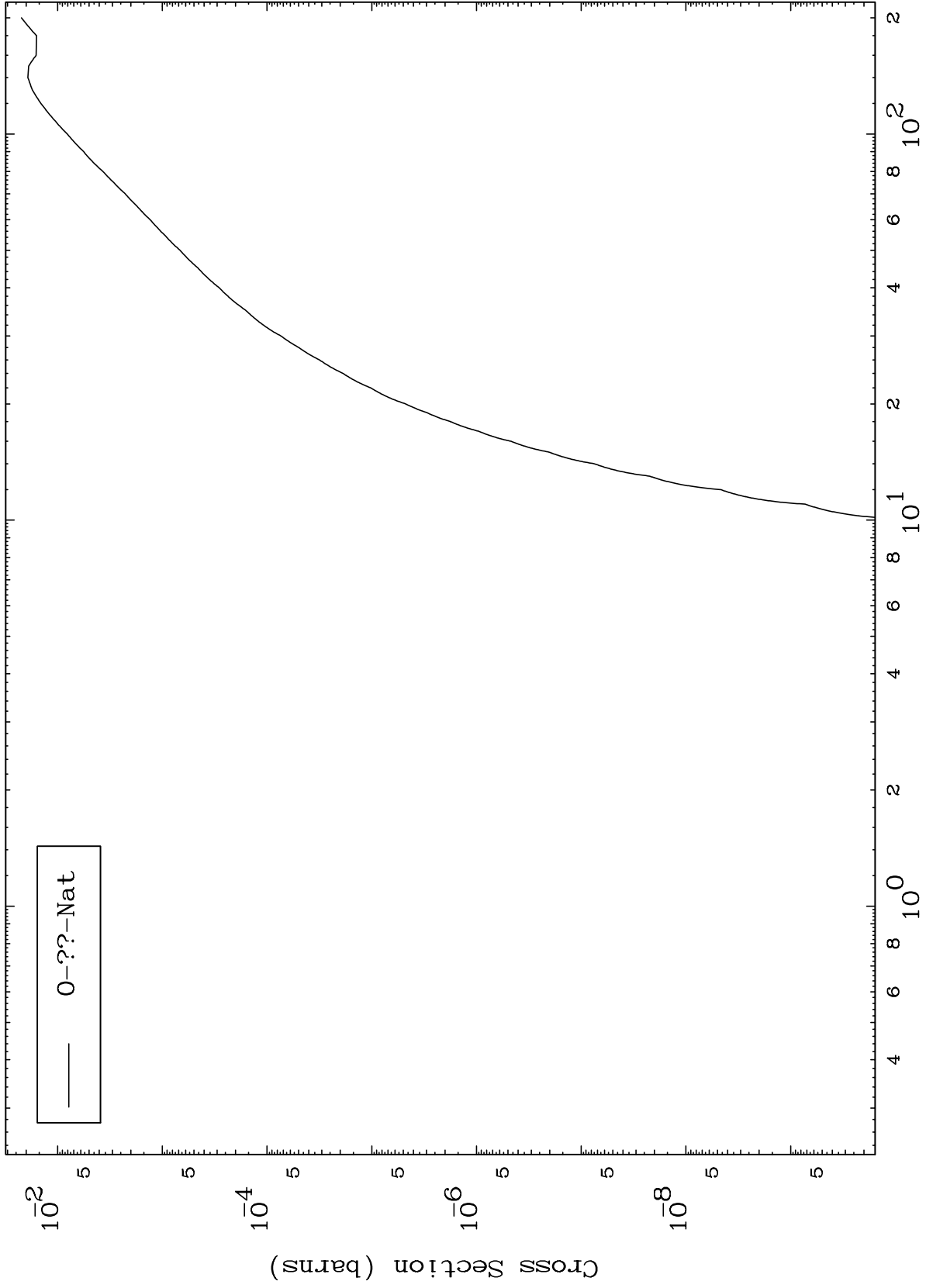
78-Pt-199

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Fission

78-Pt-199

Radionuclide Production Cross Section



15

Incident Energy (MeV)

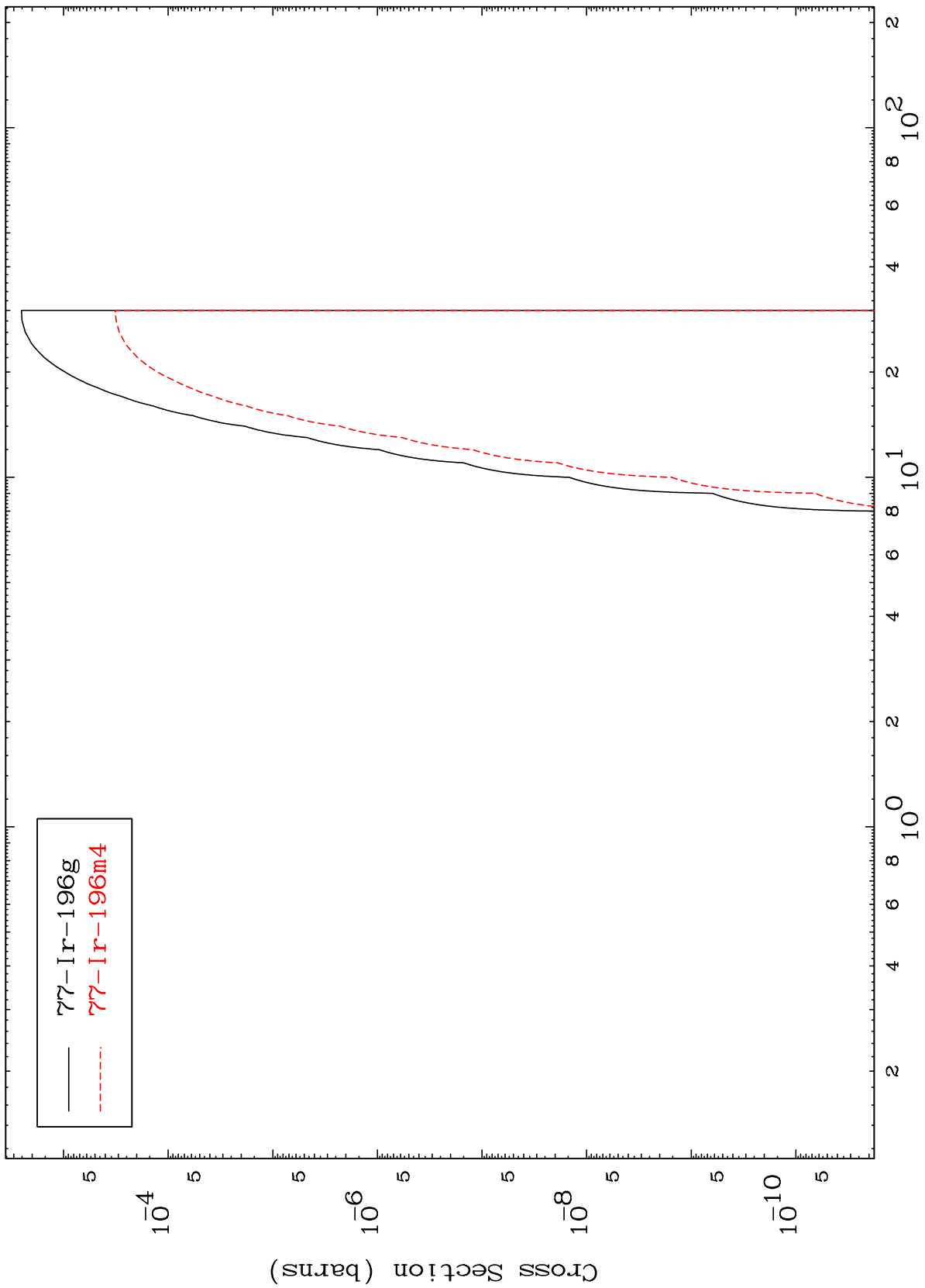
78-Pt-199

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$(n, n') \alpha$

78-Pt-199

Radionuclide Production Cross Section



16

Incident Energy (MeV)

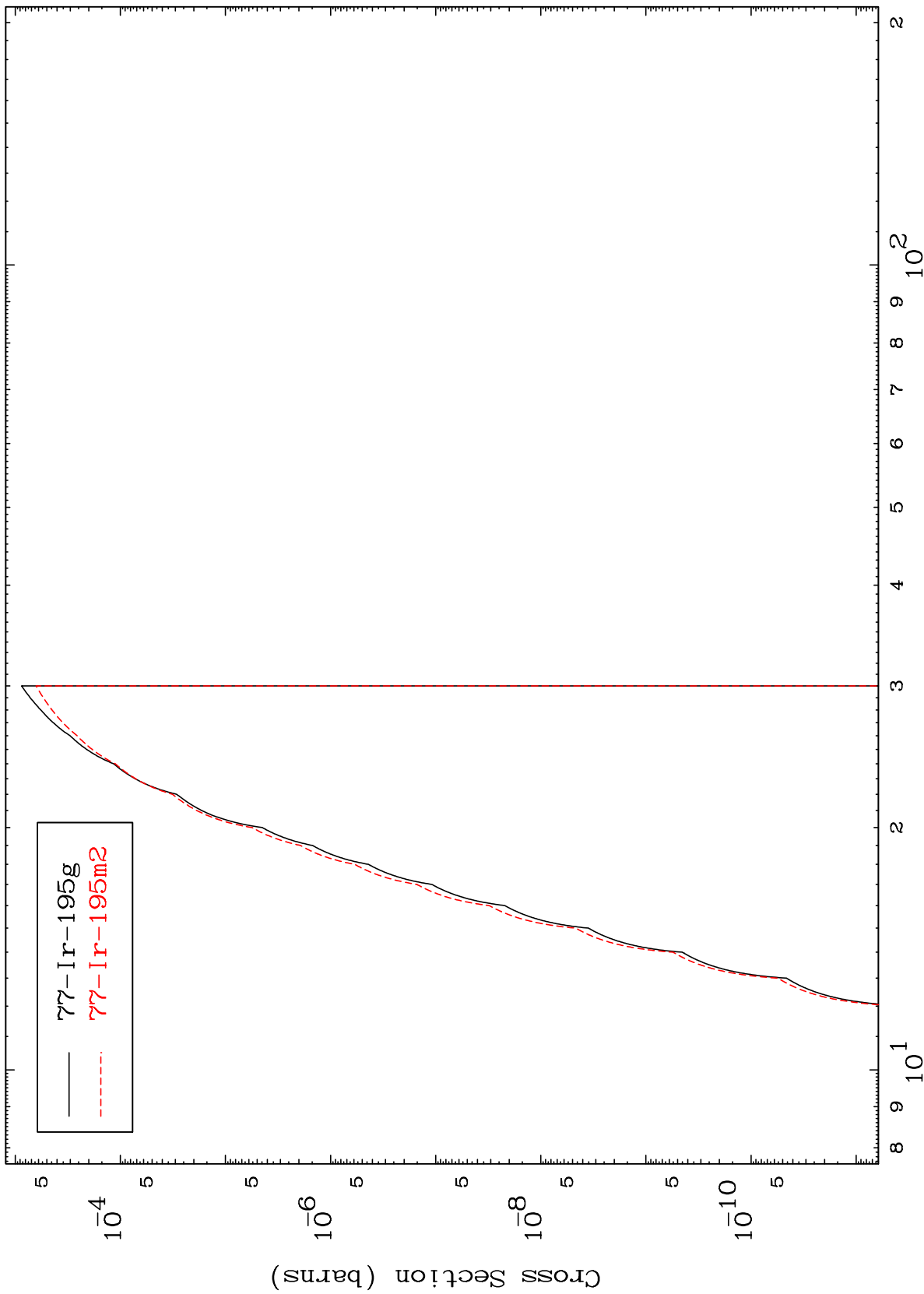
78-Pt-199

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(n,2n) α

78-Pt-199

Radionuclide Production Cross Section



17

Incident Energy (MeV)

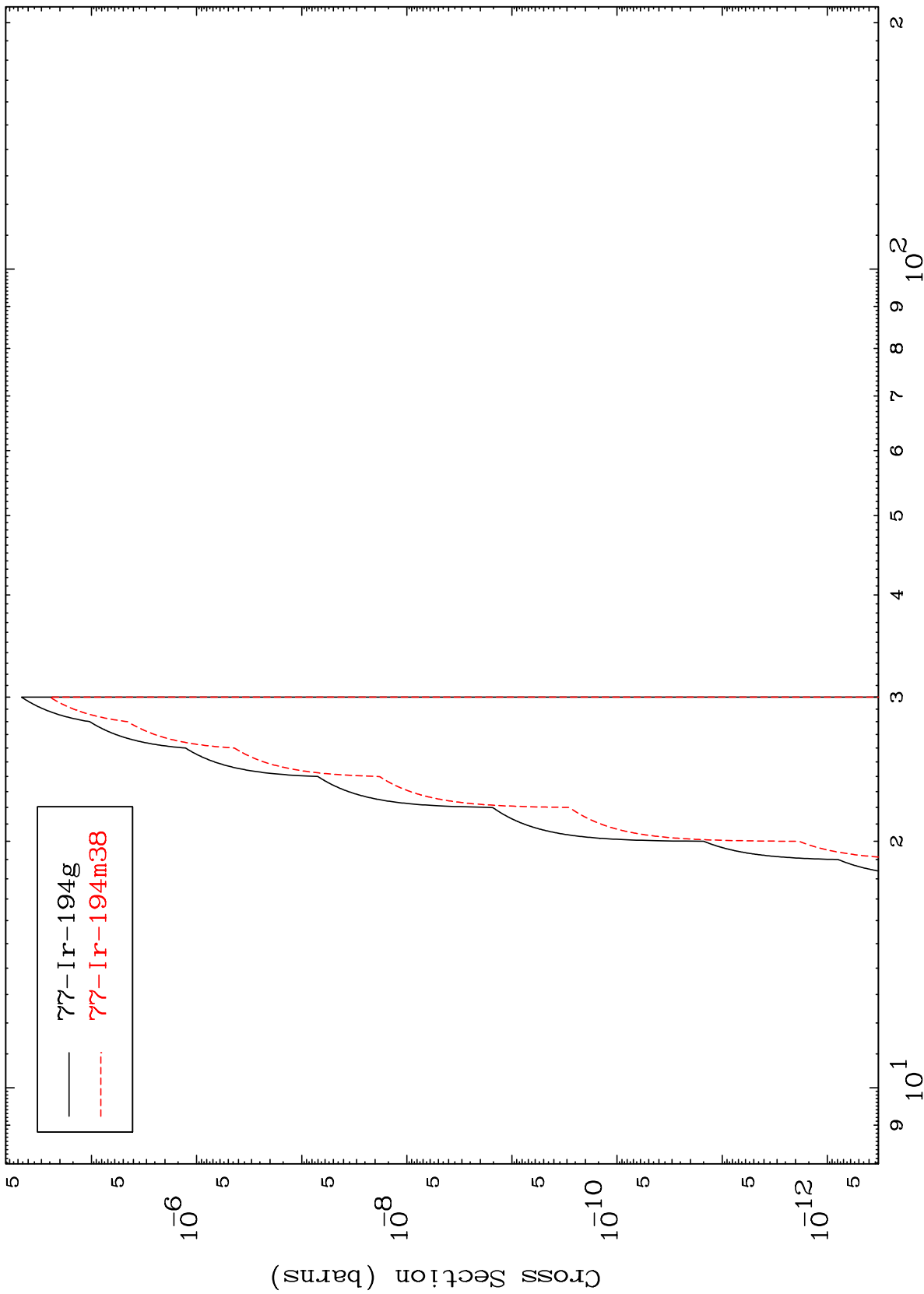
78-Pt-199

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(n,3n) α

78-Pt-199

Radionuclide Production Cross Section



18

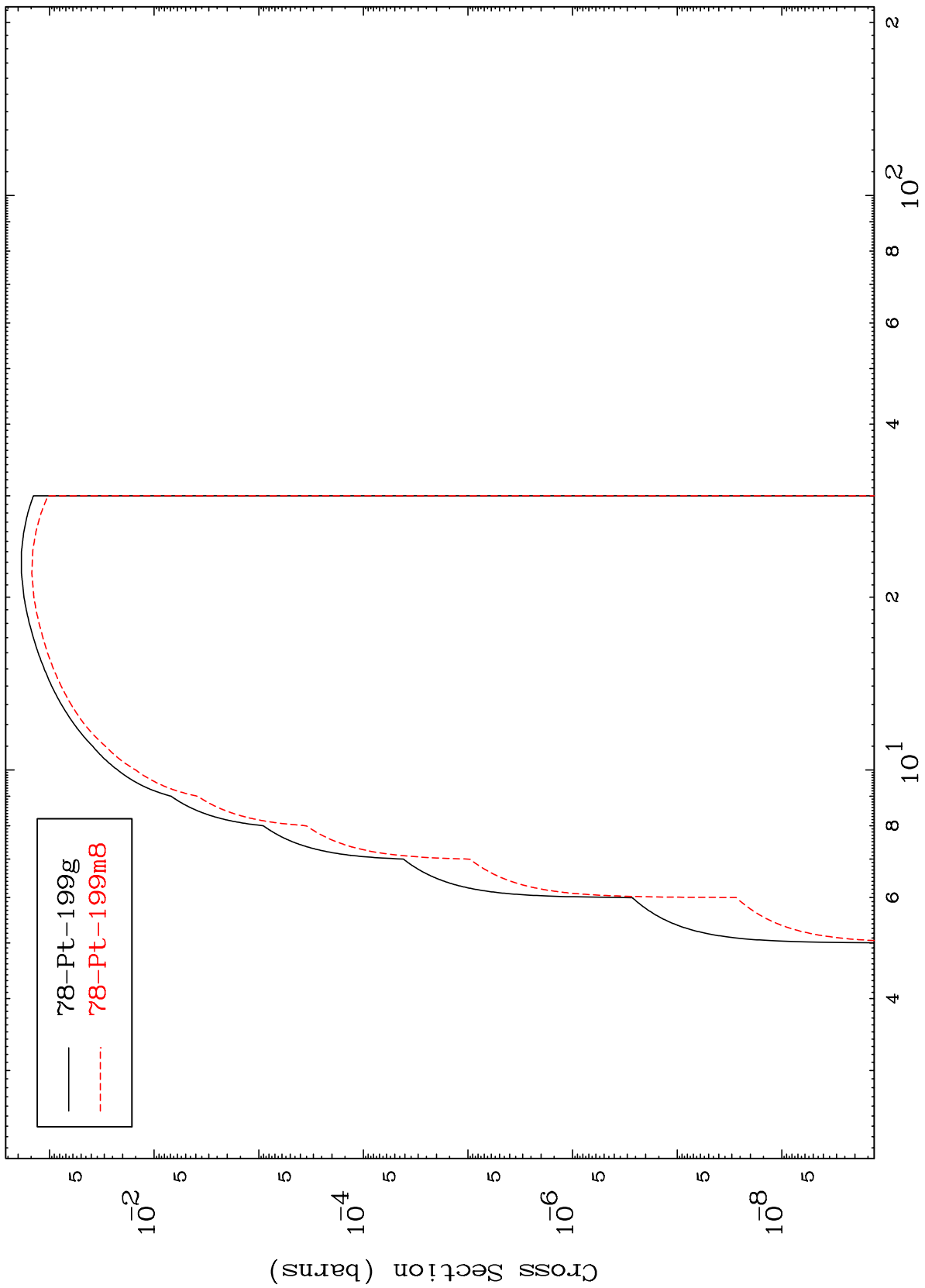
Incident Energy (MeV)

78-Pt-199

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78-Pt-199

(n,n') p
Radionuclide Production Cross Section



19

78-Pt-199

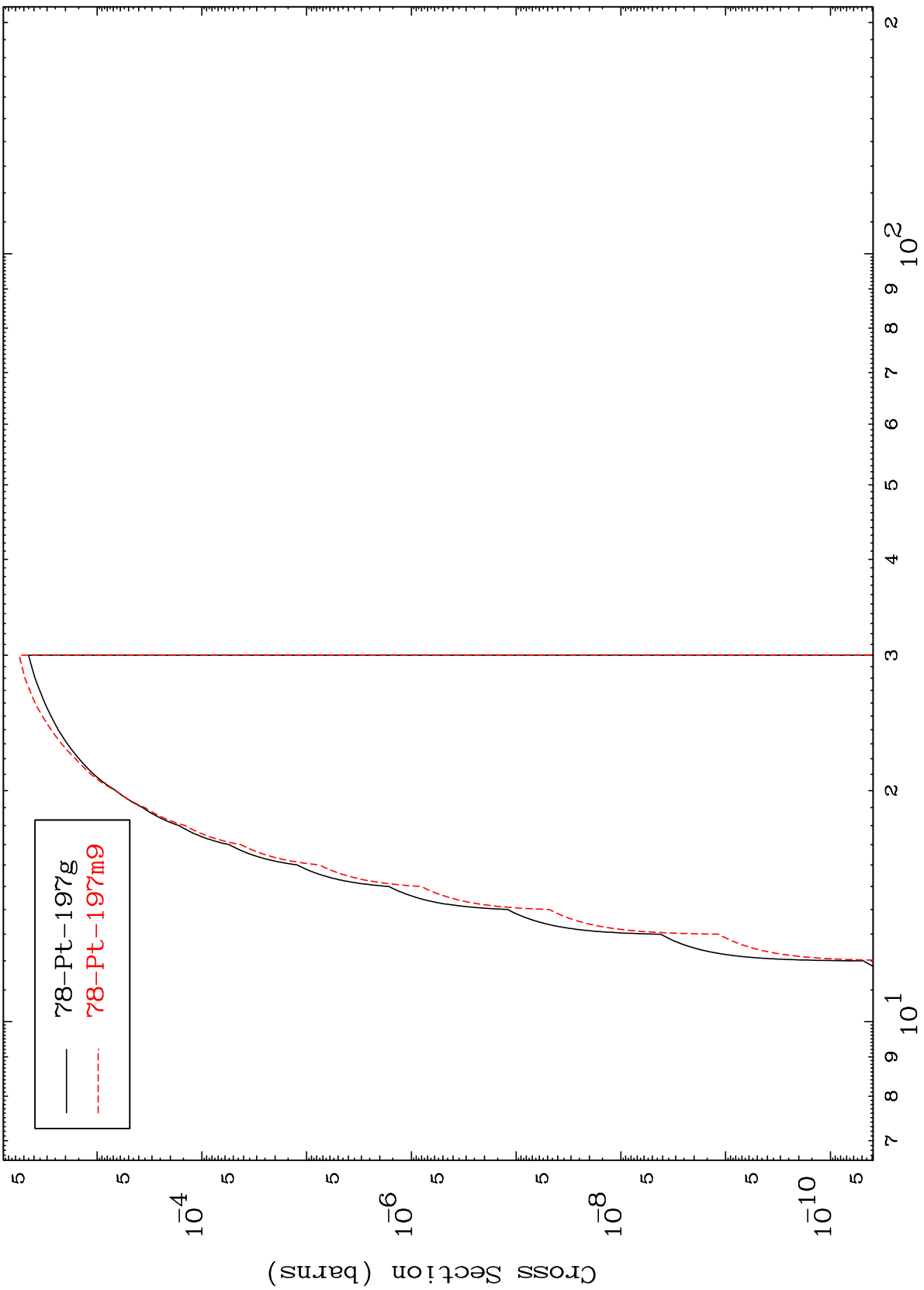
Incident Energy (MeV)

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(n,n') t

78-Pt-199

Radionuclide Production Cross Section



20

Incident Energy (MeV)

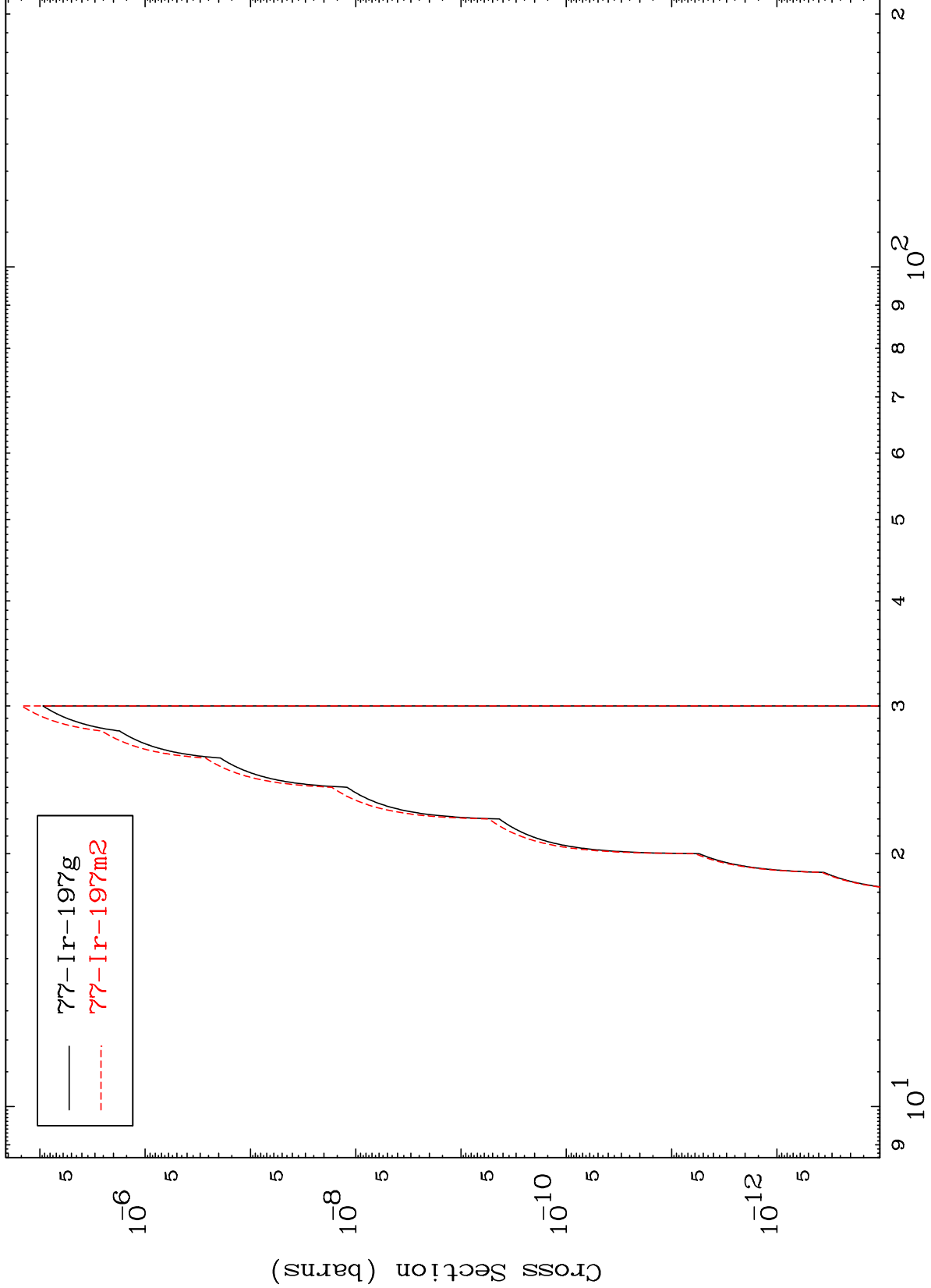
78-Pt-199

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(n,n') He-3

78-Pt-199

Radionuclide Production Cross Section



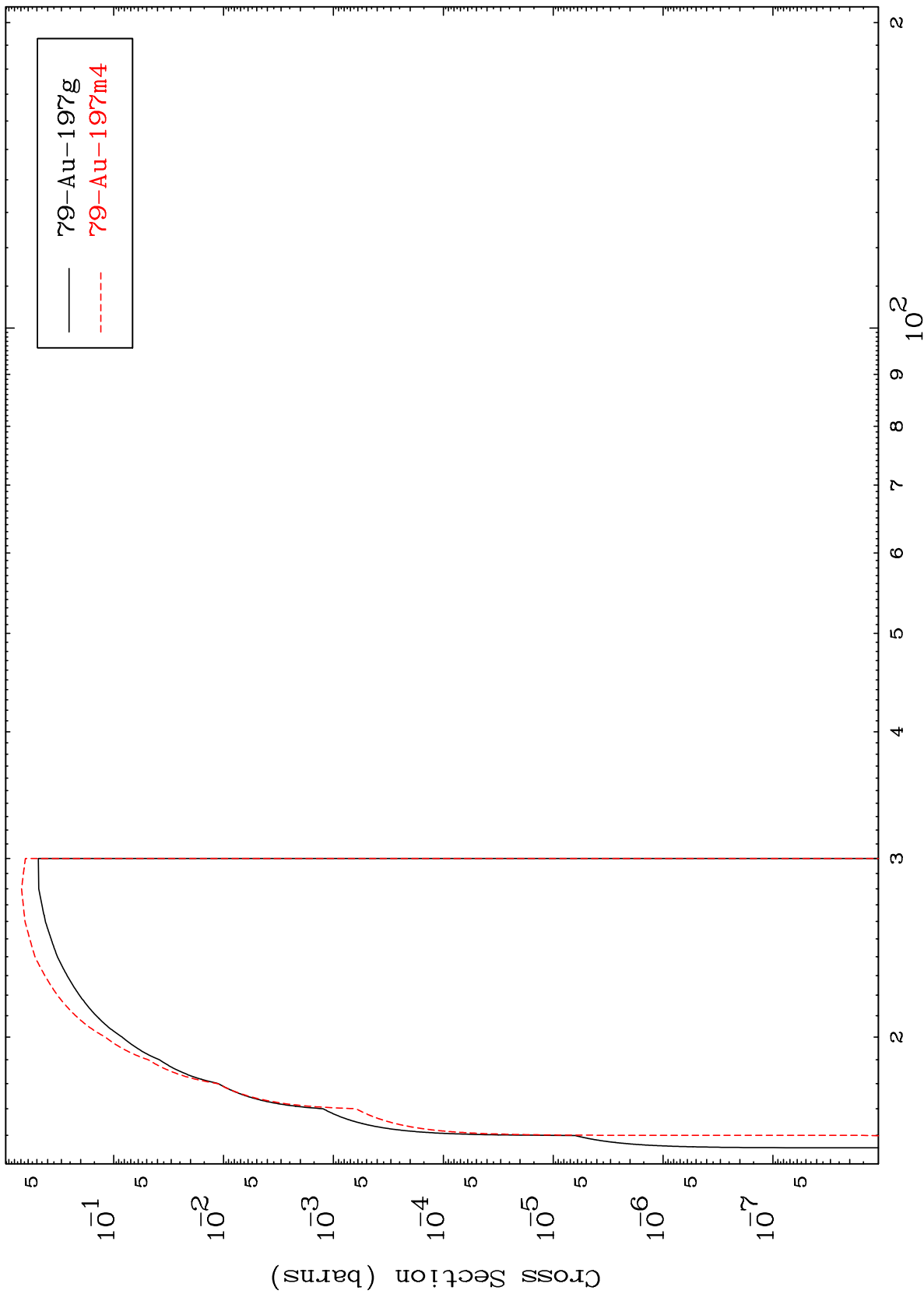
— $^{77}\text{Ir-197g}$
- - - $^{77}\text{Ir-197m2}$

21

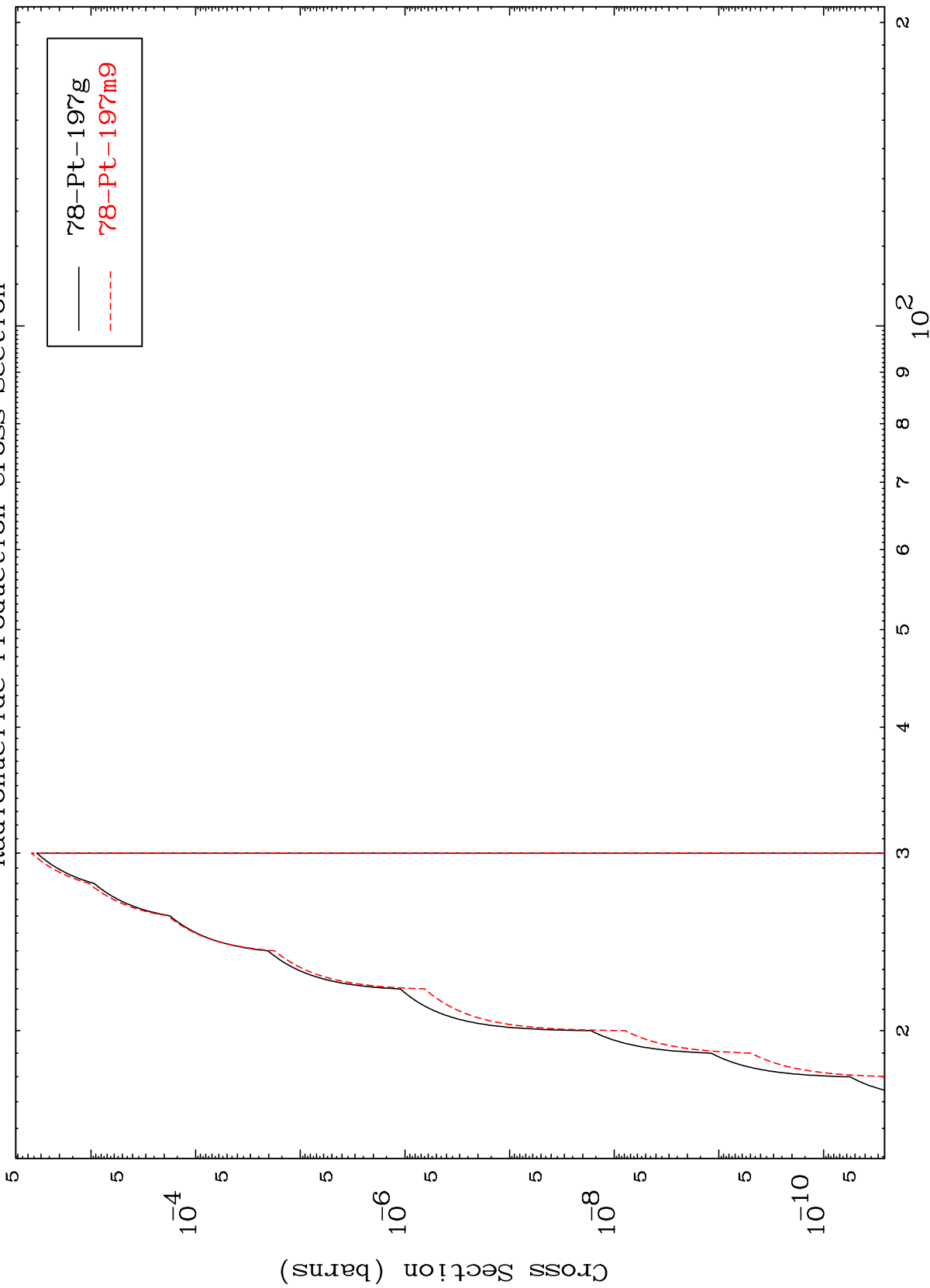
Incident Energy (MeV)

78-Pt-199

(n,4n)
Radionuclide Production Cross Section



Radionuclide Production Cross Section

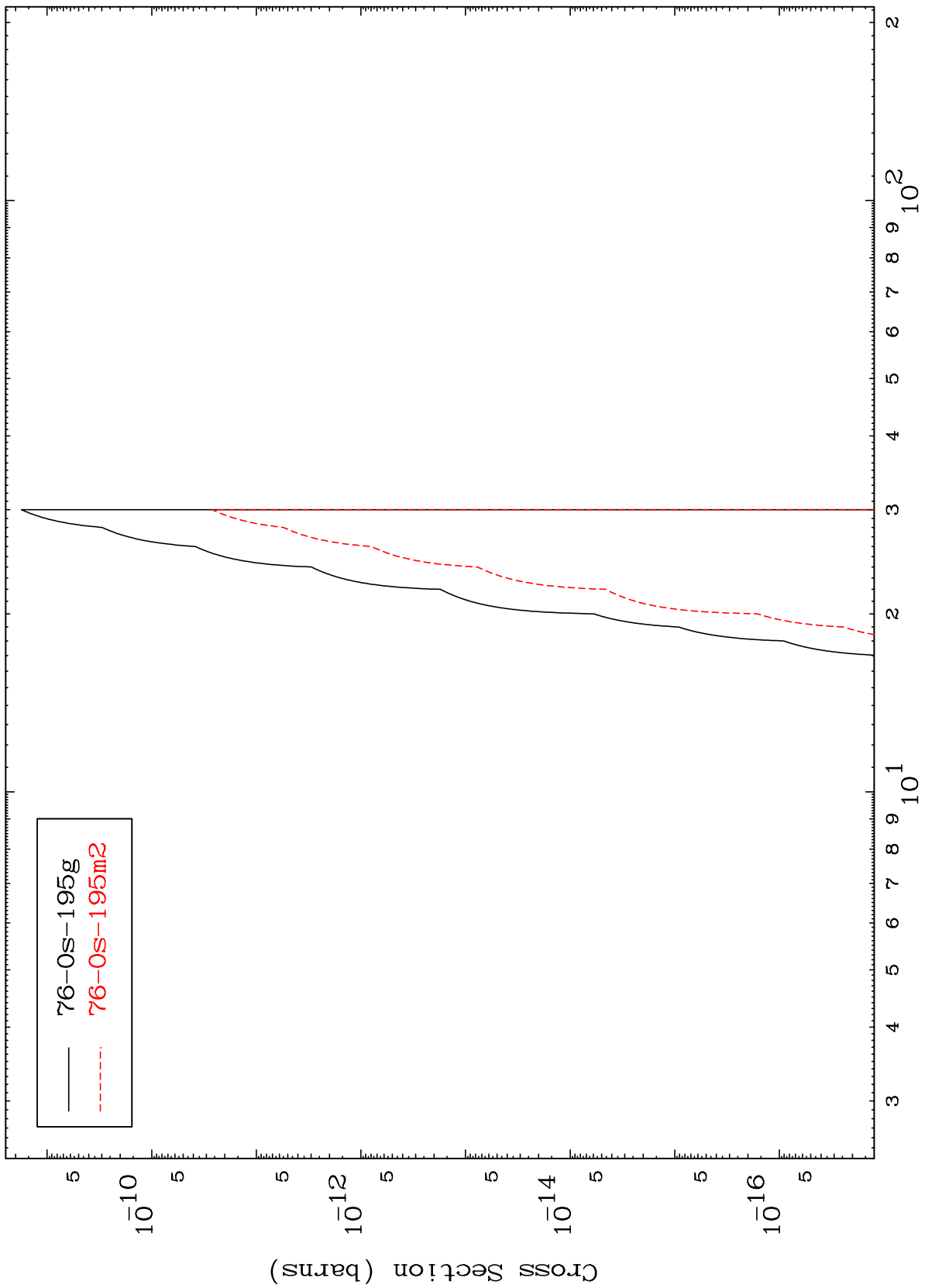


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(n,n') p α

78-Pt-199

Radionuclide Production Cross Section



24

Incident Energy (MeV)

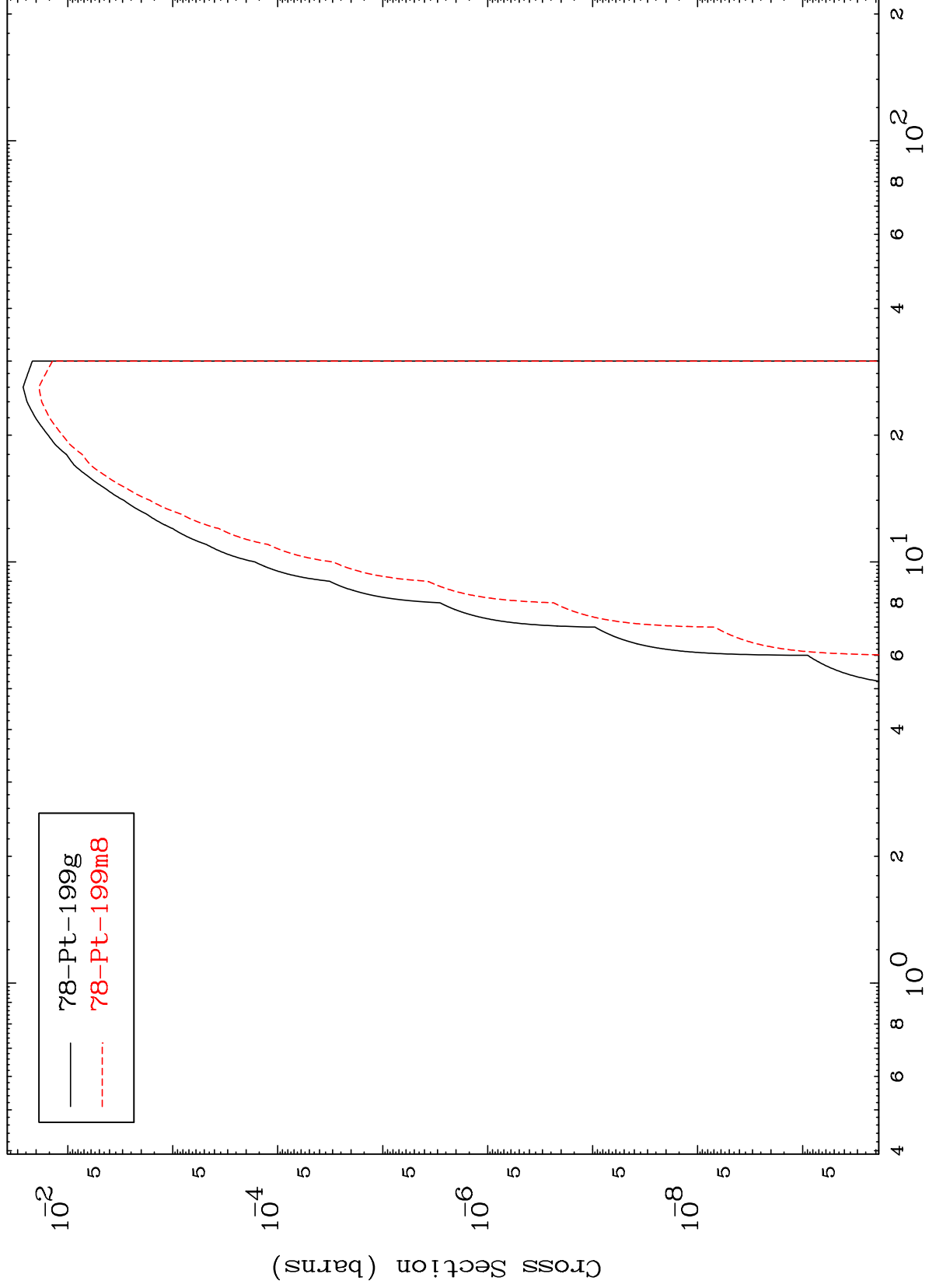
78-Pt-199

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(n,d)

78-Pt-199

Radionuclide Production Cross Section



25

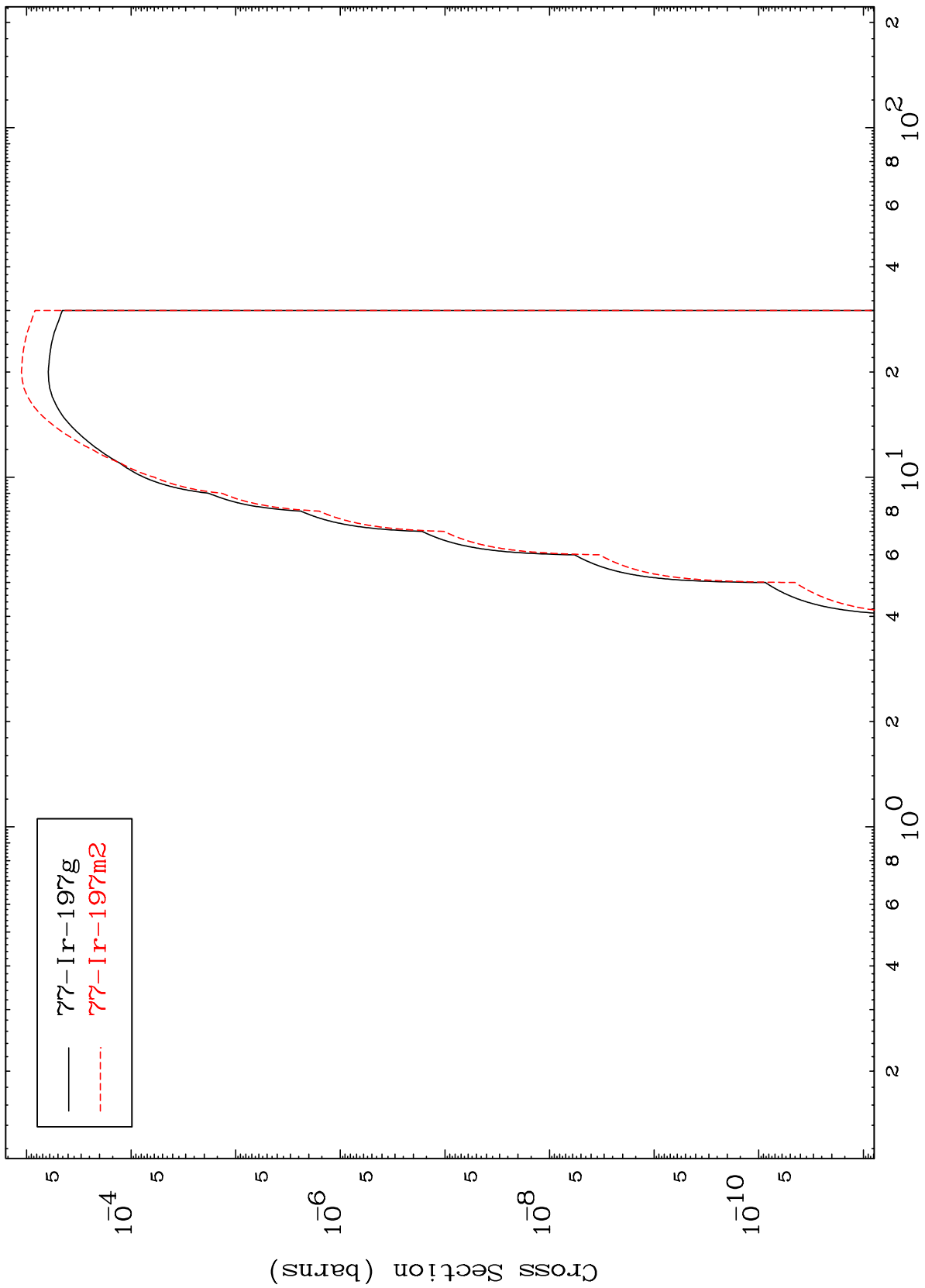
Incident Energy (MeV)

78-Pt-199

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78-Pt-199

Radionuclide Production Cross Section
(n, α)



Incident Energy (MeV)

78-Pt-199

26