

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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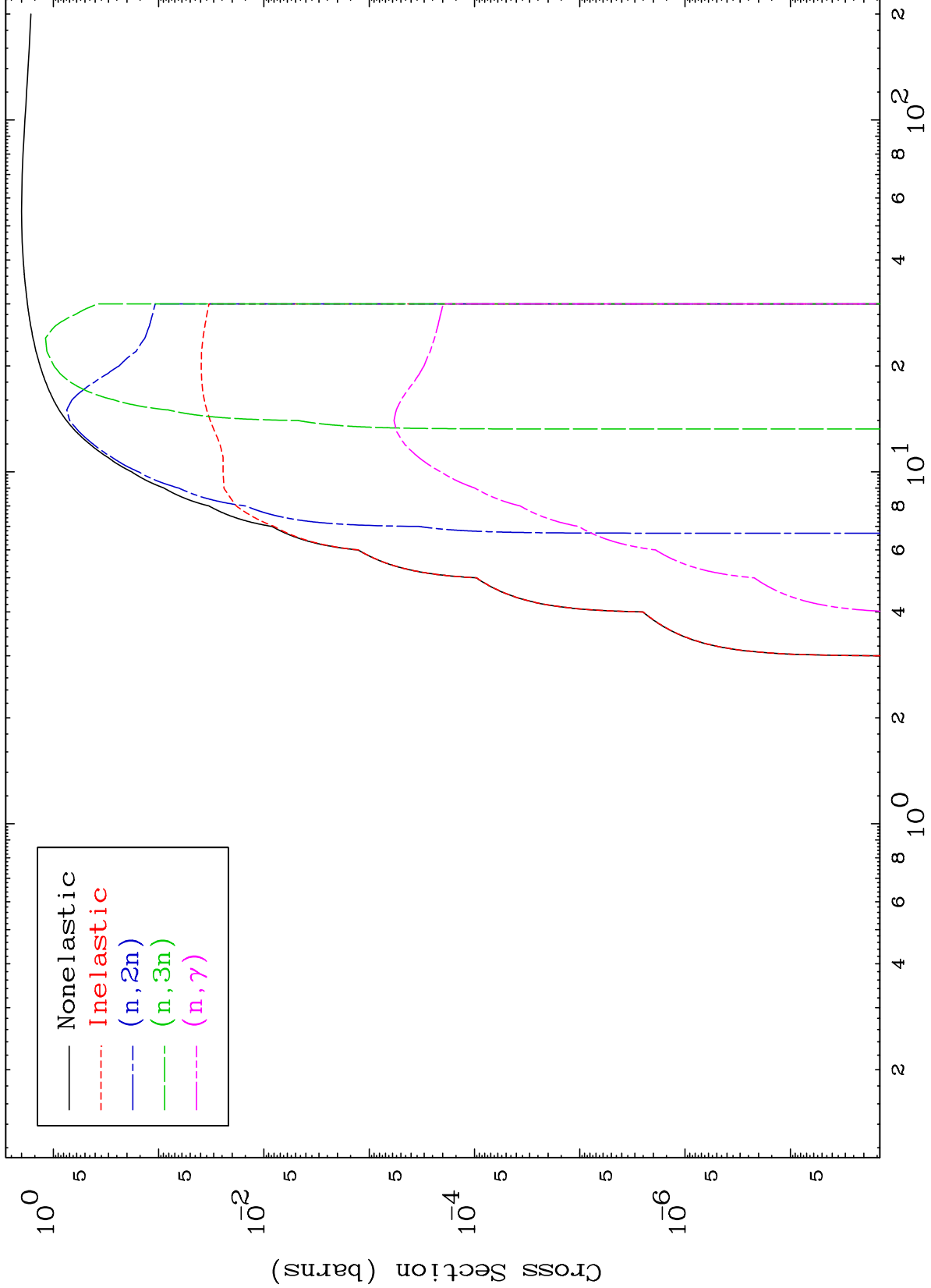
Tele: 925-443-1911

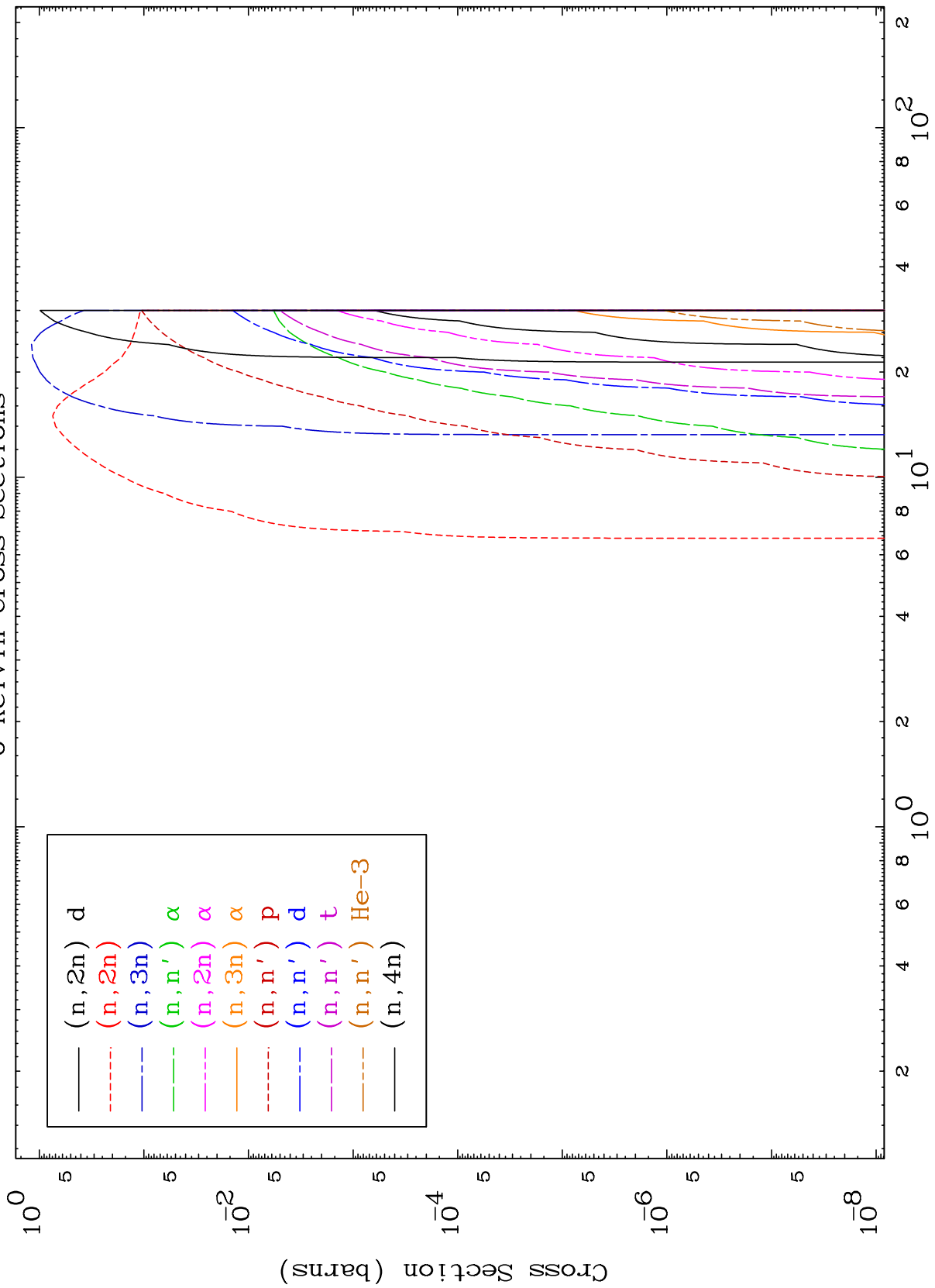
E-Mail: redcullen1@comcast.net

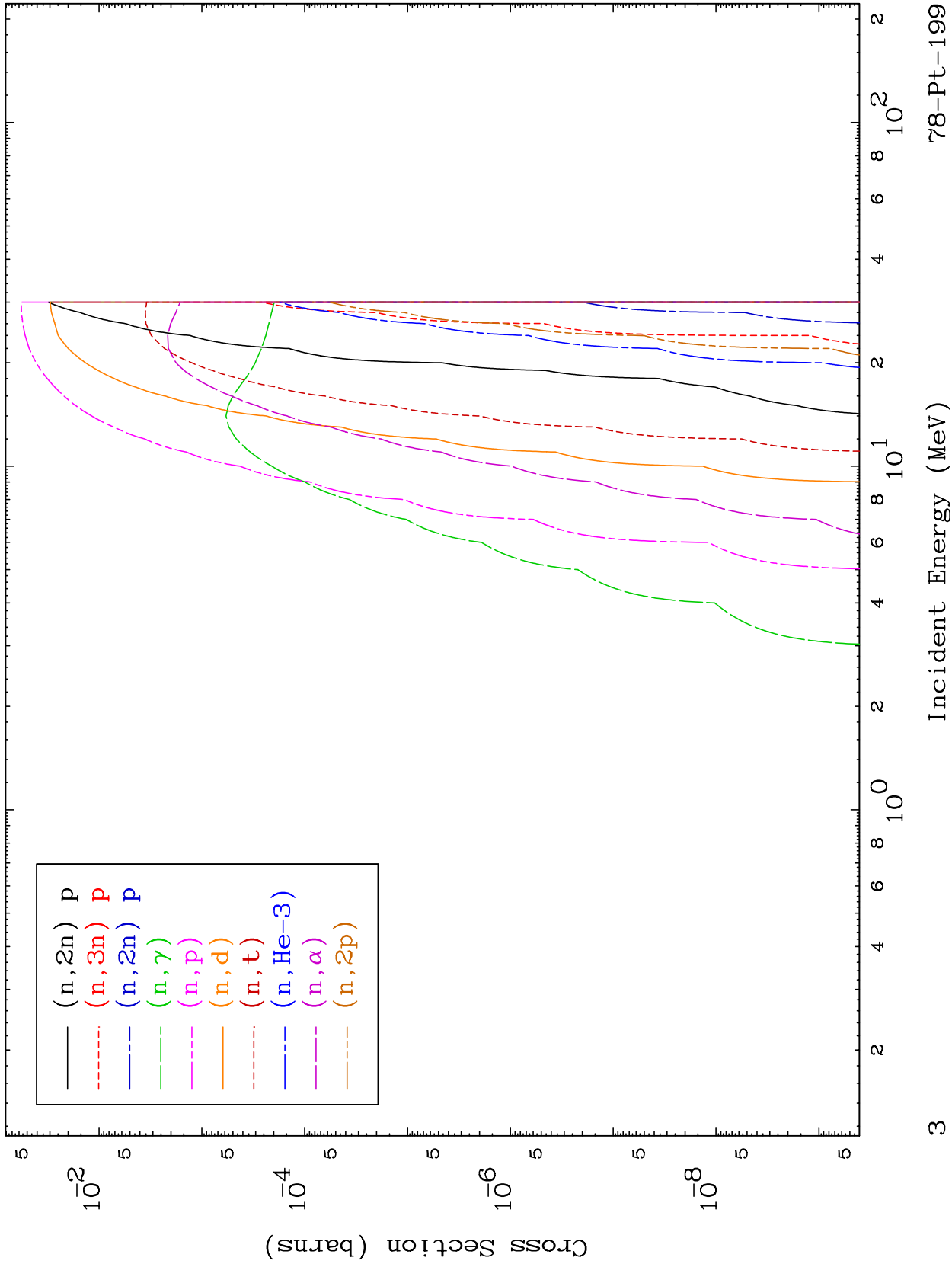
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

0 Kelvin Cross Sections



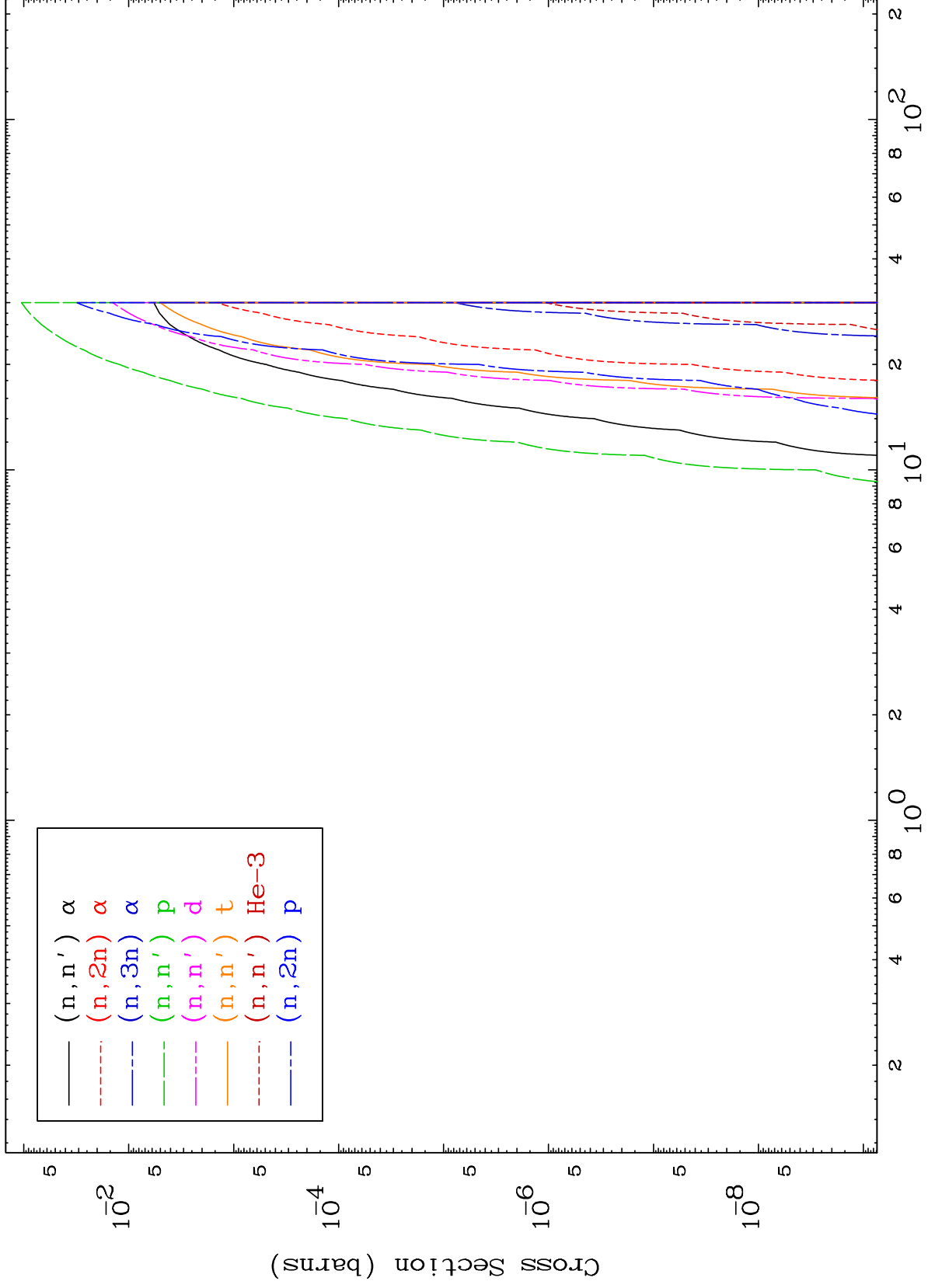


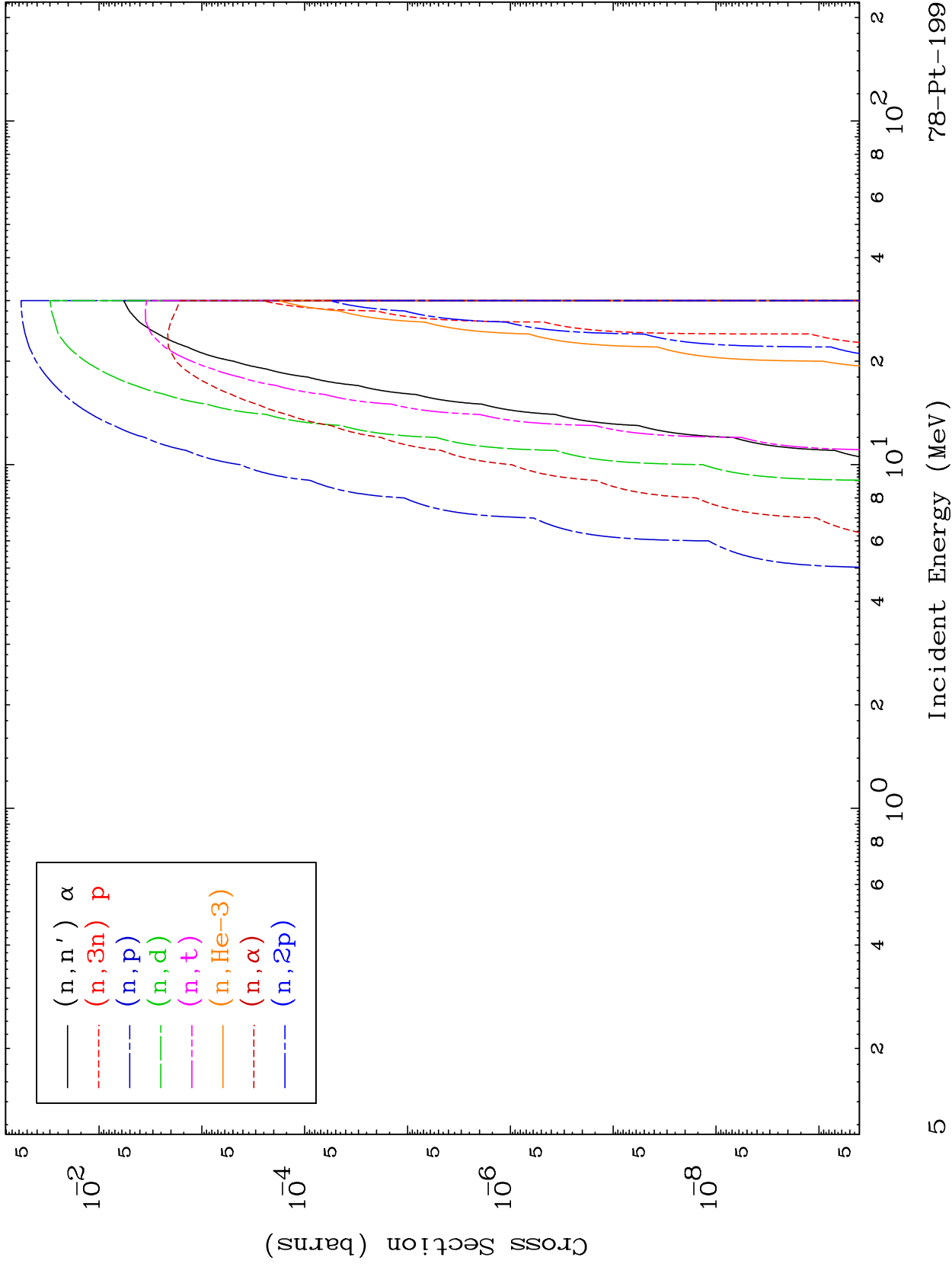


MAT 7852

Proton Charged Particle
0 Kelvin Cross Sections

78-Pt-199



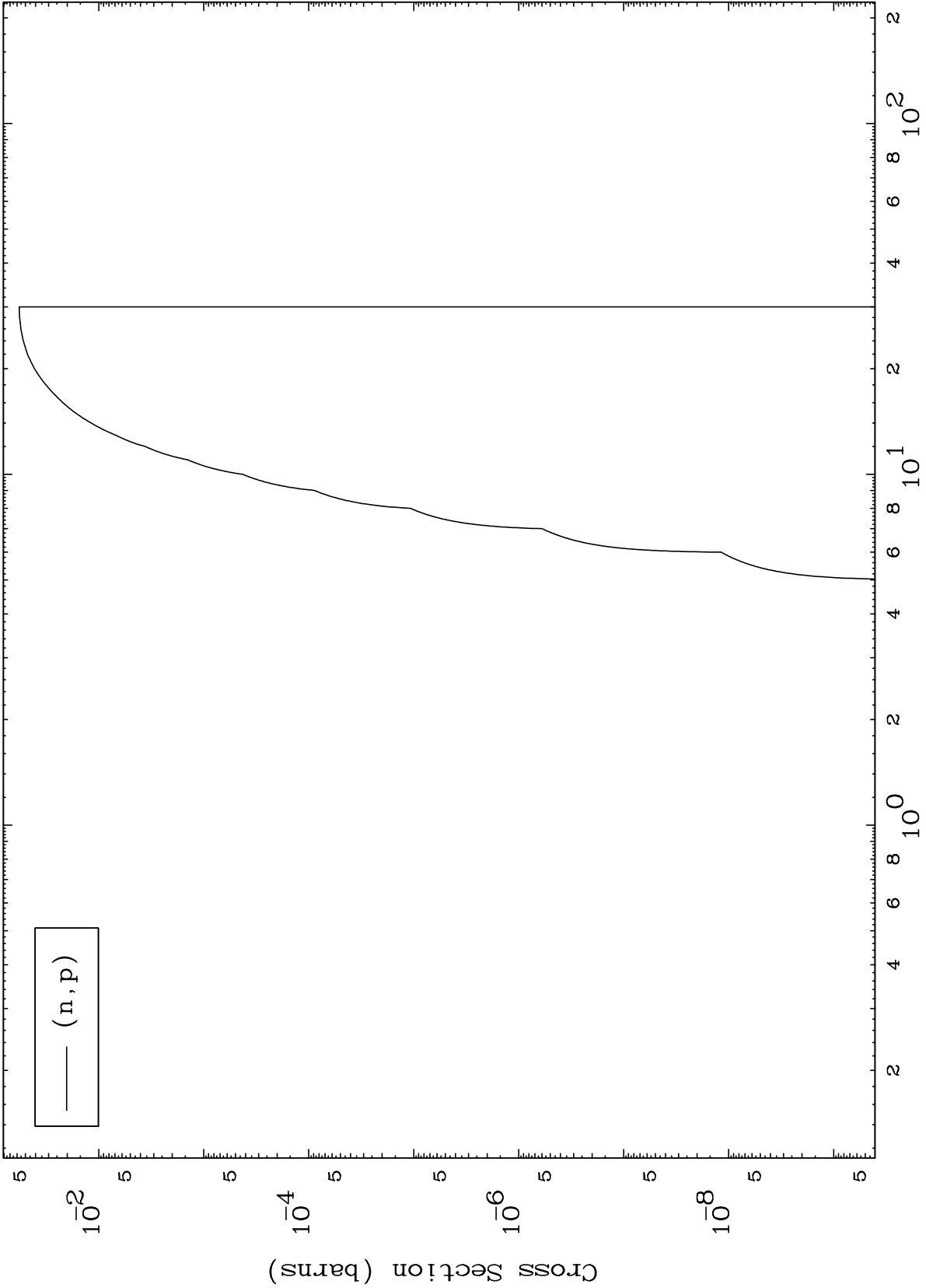


MAT 7852

(p,p) Levels

78-Pt-199

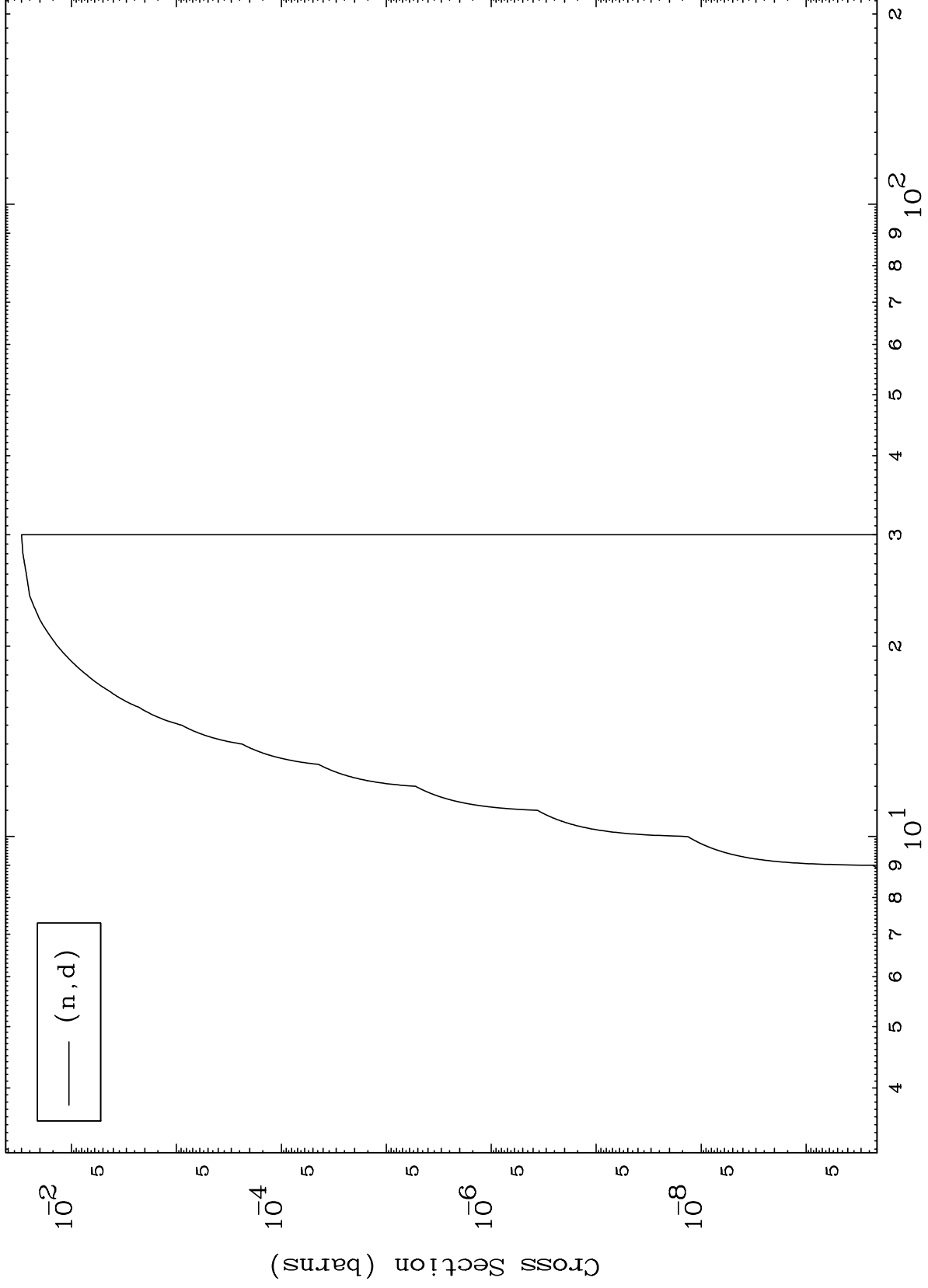
0 Kelvin Cross Sections



MAT 7852

(p,d) Levels
0 Kelvin Cross Sections

78-Pt-199



7

Incident Energy (MeV)

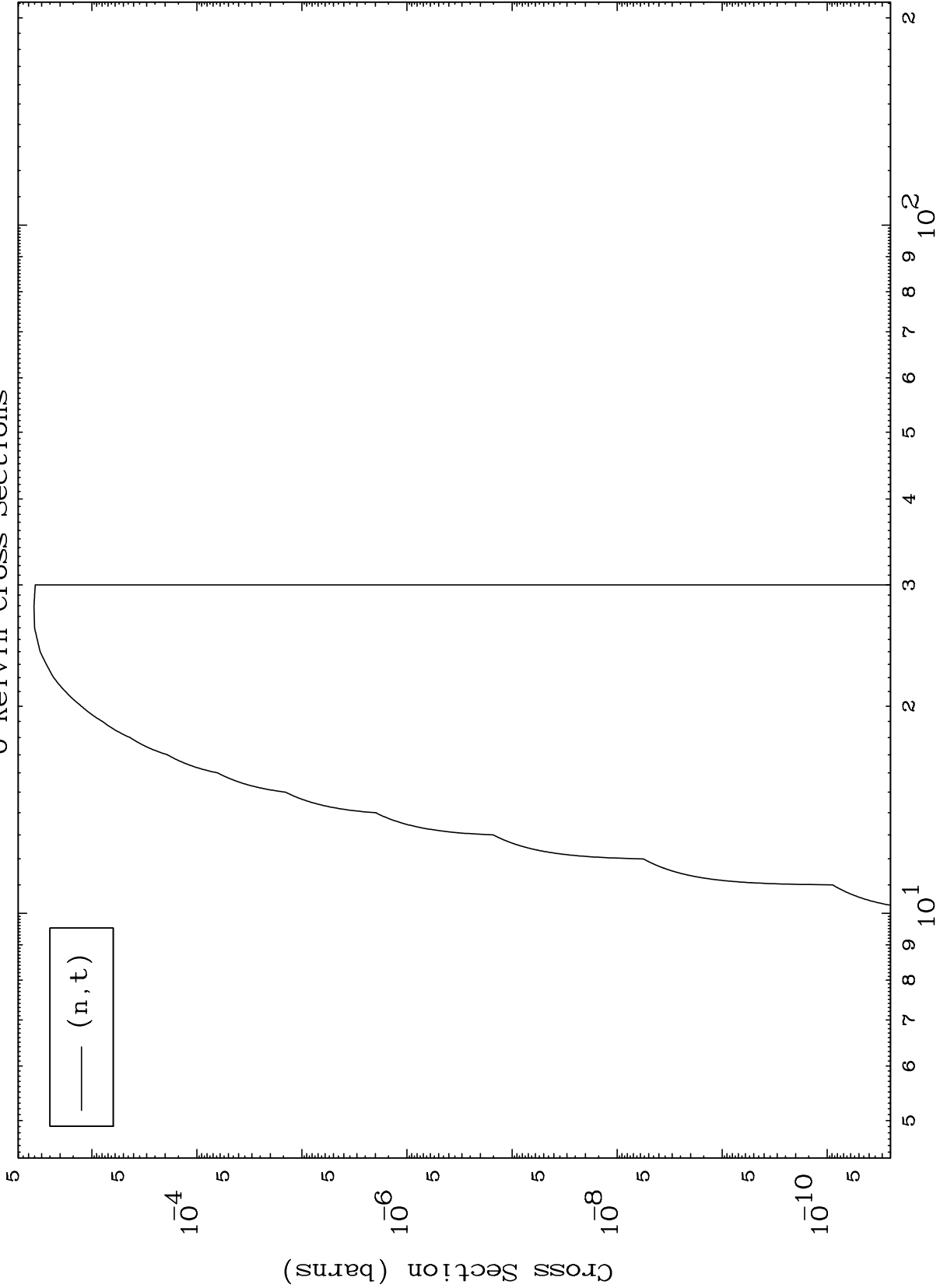
78-Pt-199

MAT 7852

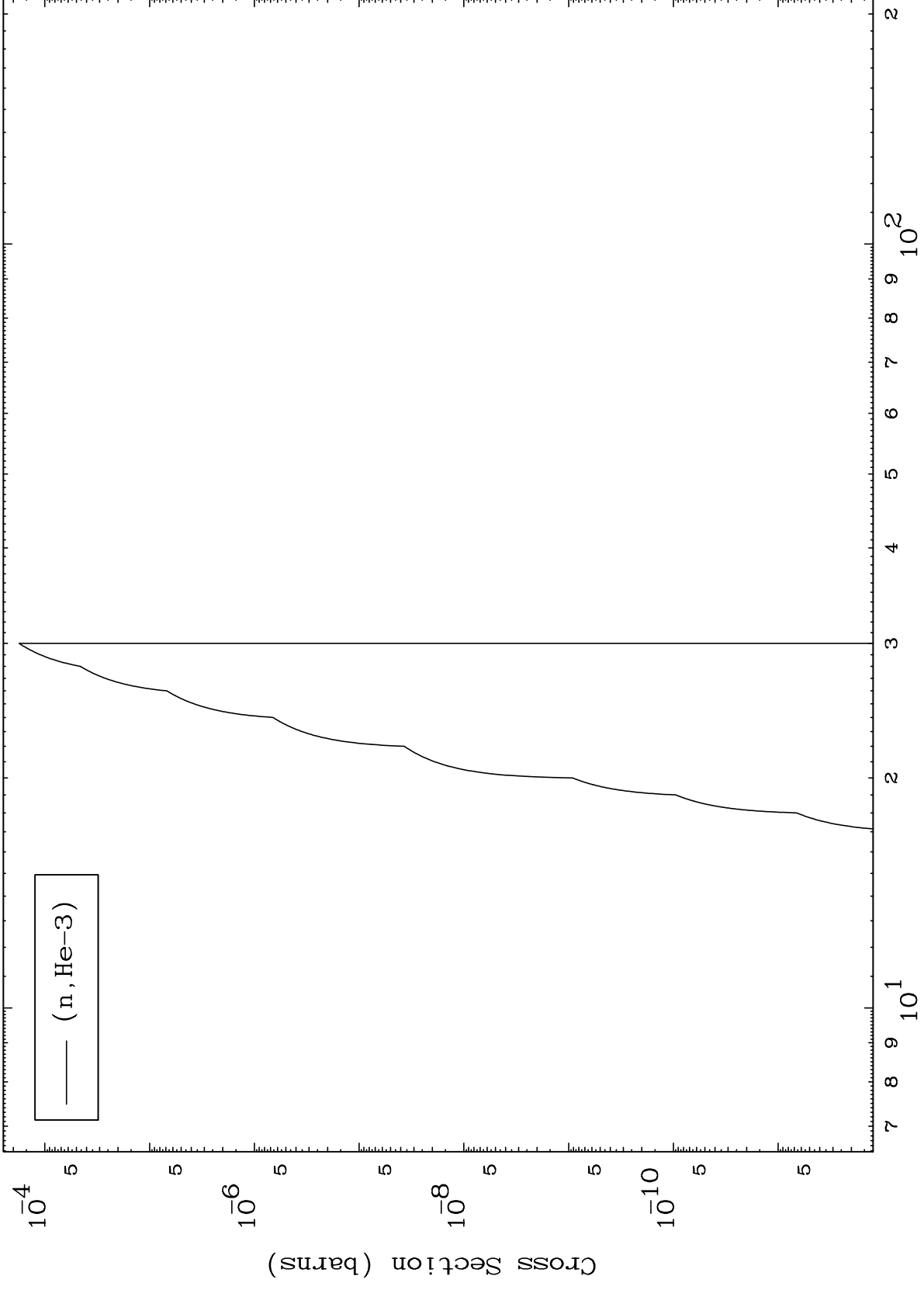
(p, t) Levels

78-Pt-199

0 Kelvin Cross Sections



(p,He3) Levels
0 Kelvin Cross Sections

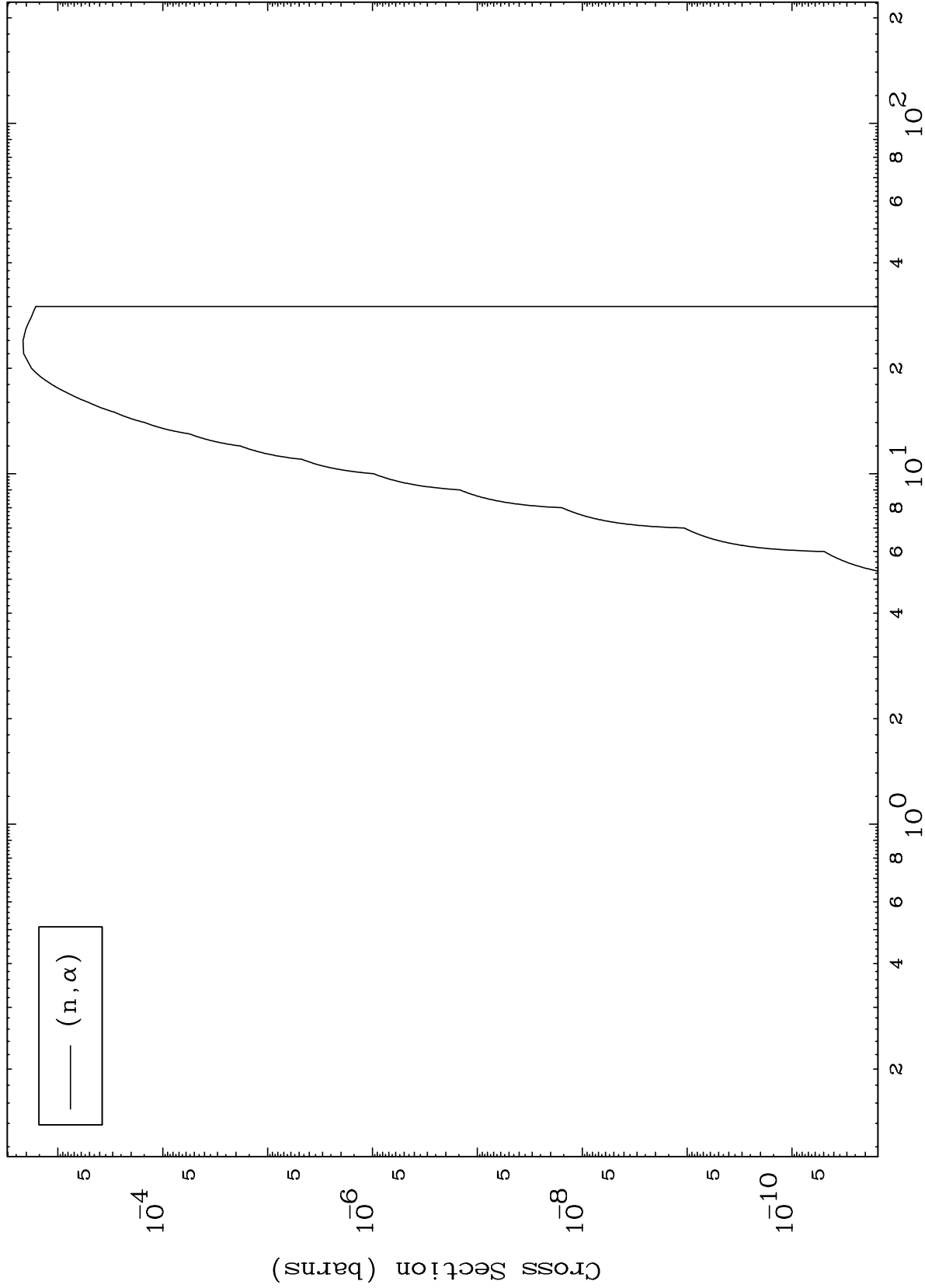


MAT 7852

(p, α) Levels

78-Pt-199

0 Kelvin Cross Sections



10

Incident Energy (MeV)

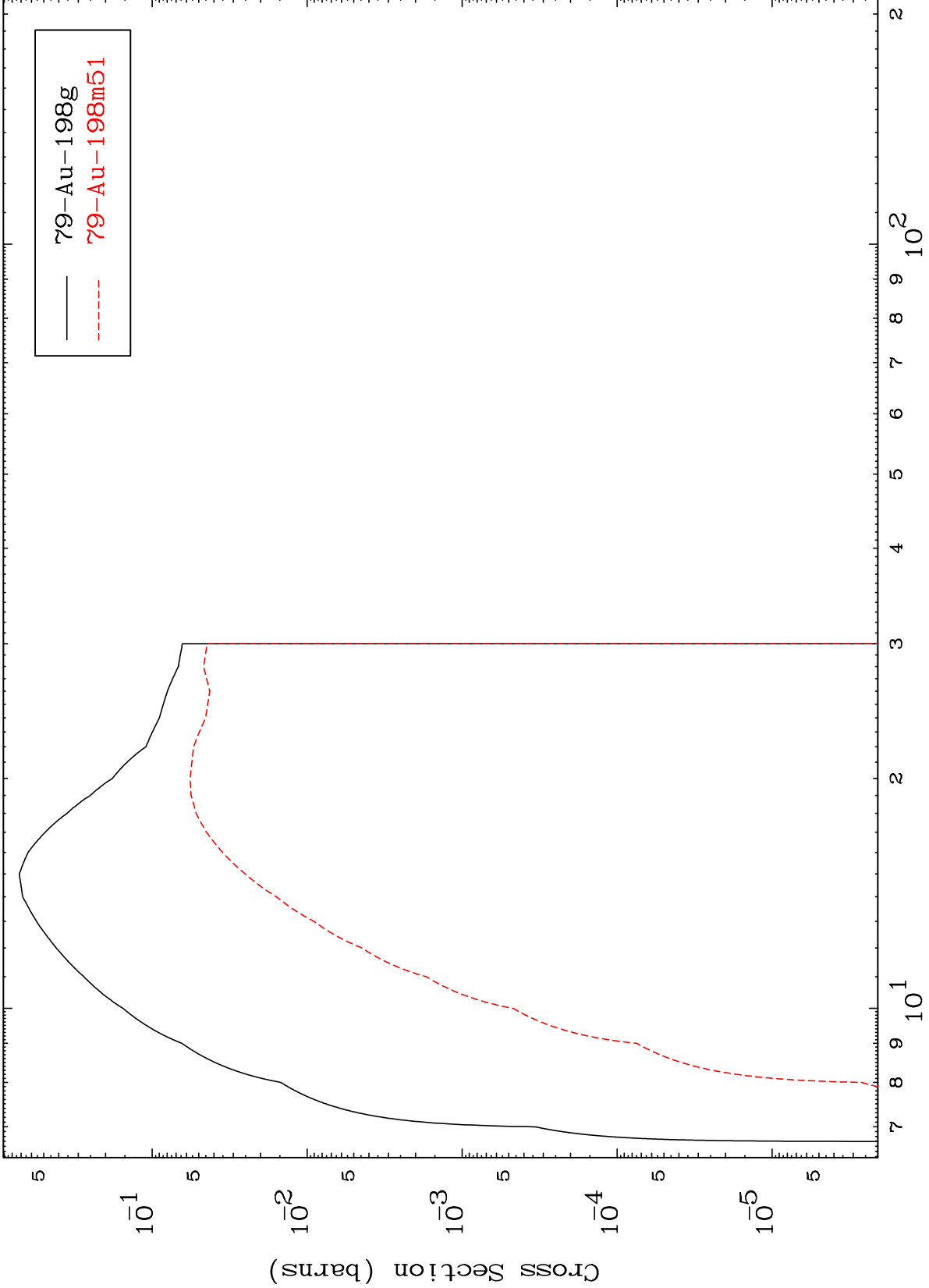
78-Pt-199

MAT 7852

(n,2n)

78-Pt-199

Radionuclide Production Cross Section



11

Incident Energy (MeV)

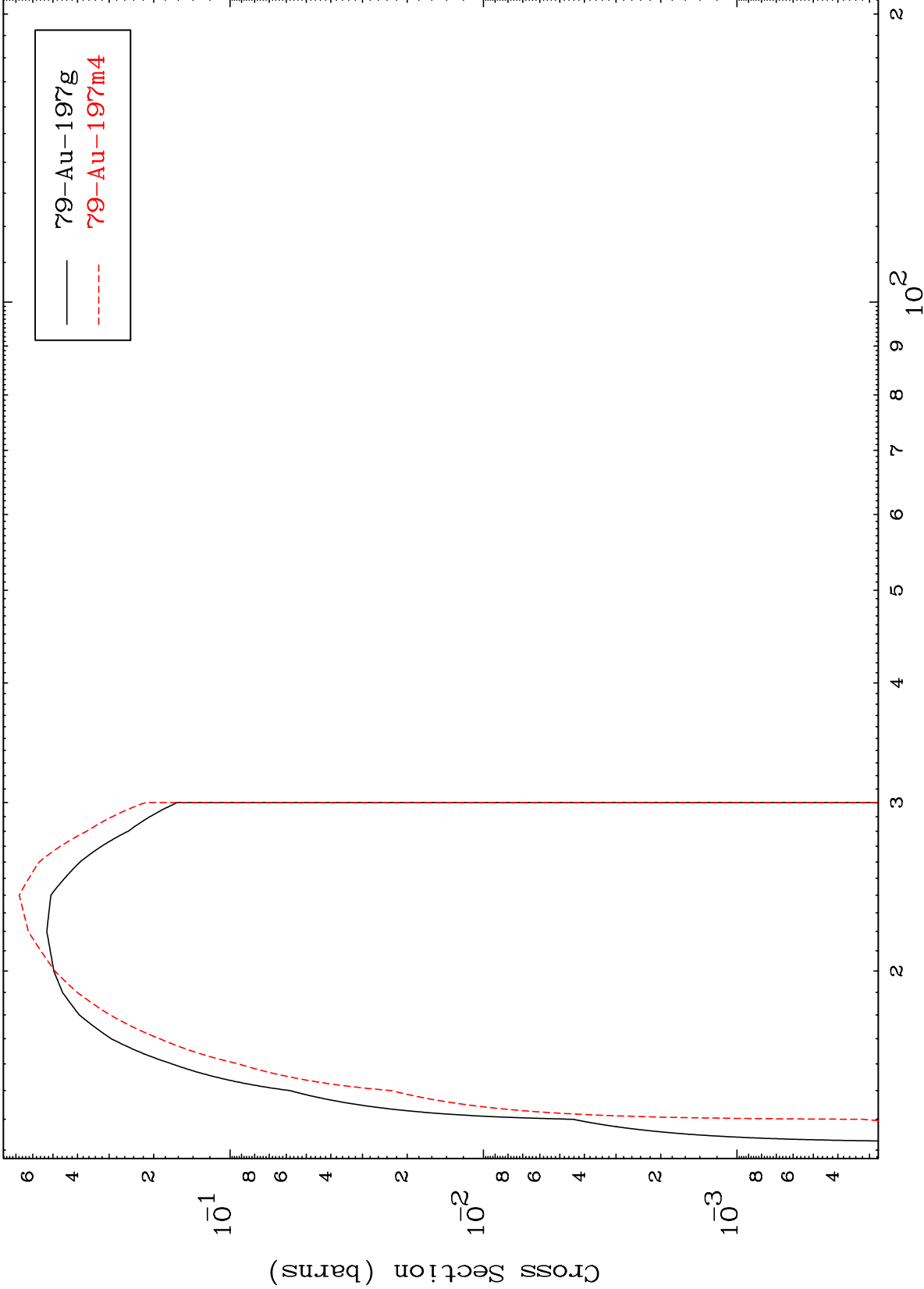
78-Pt-199

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(n,3n)

78-Pt-199

Radionuclide Production Cross Section



79-Au-197g
79-Au-197m4

12

Incident Energy (MeV)

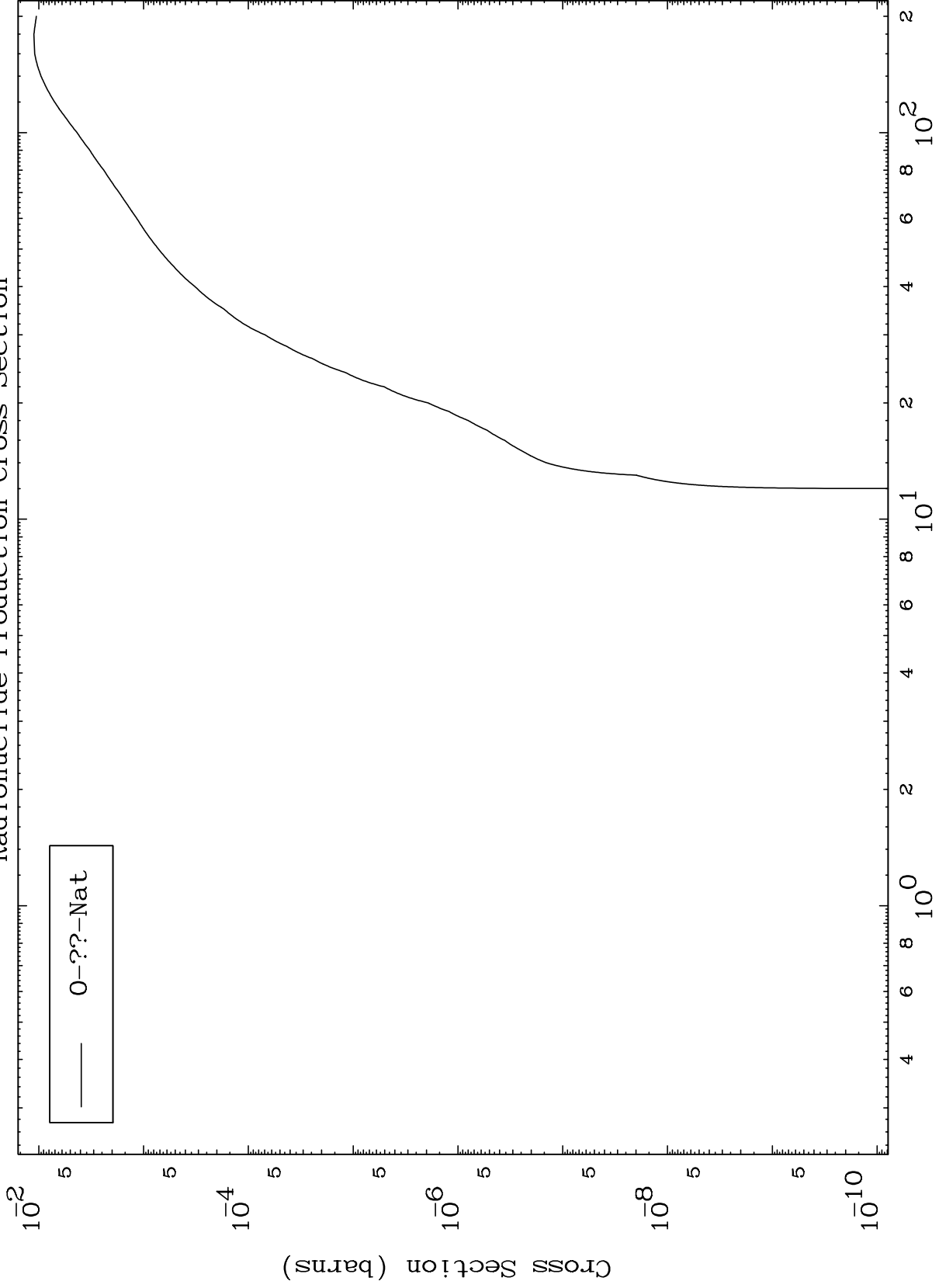
78-Pt-199

MAT 7852

Fission

78-Pt-199

Radionuclide Production Cross Section



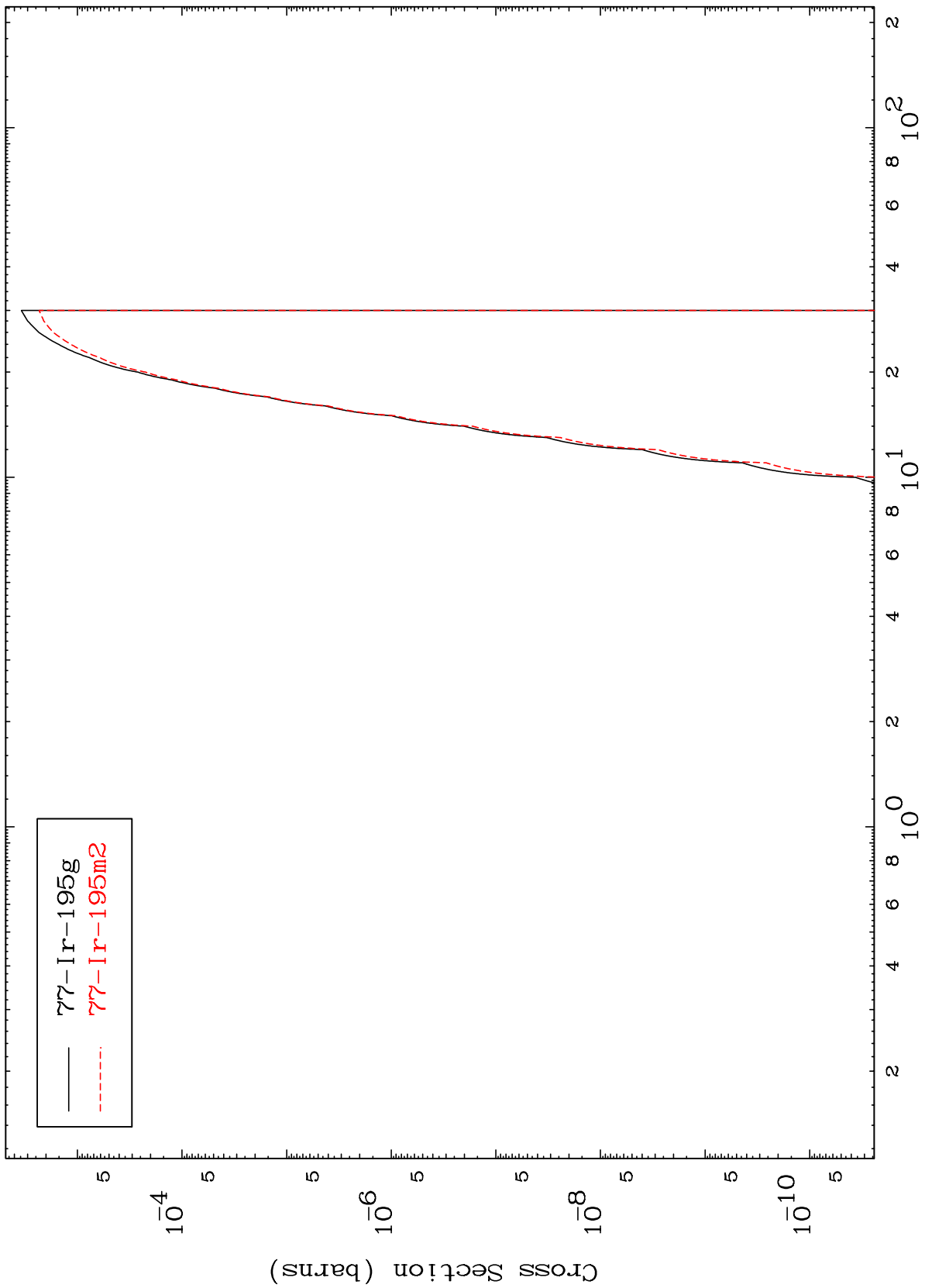
0-??-Nat

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$(n, n') \alpha$

78-Pt-199

Radionuclide Production Cross Section



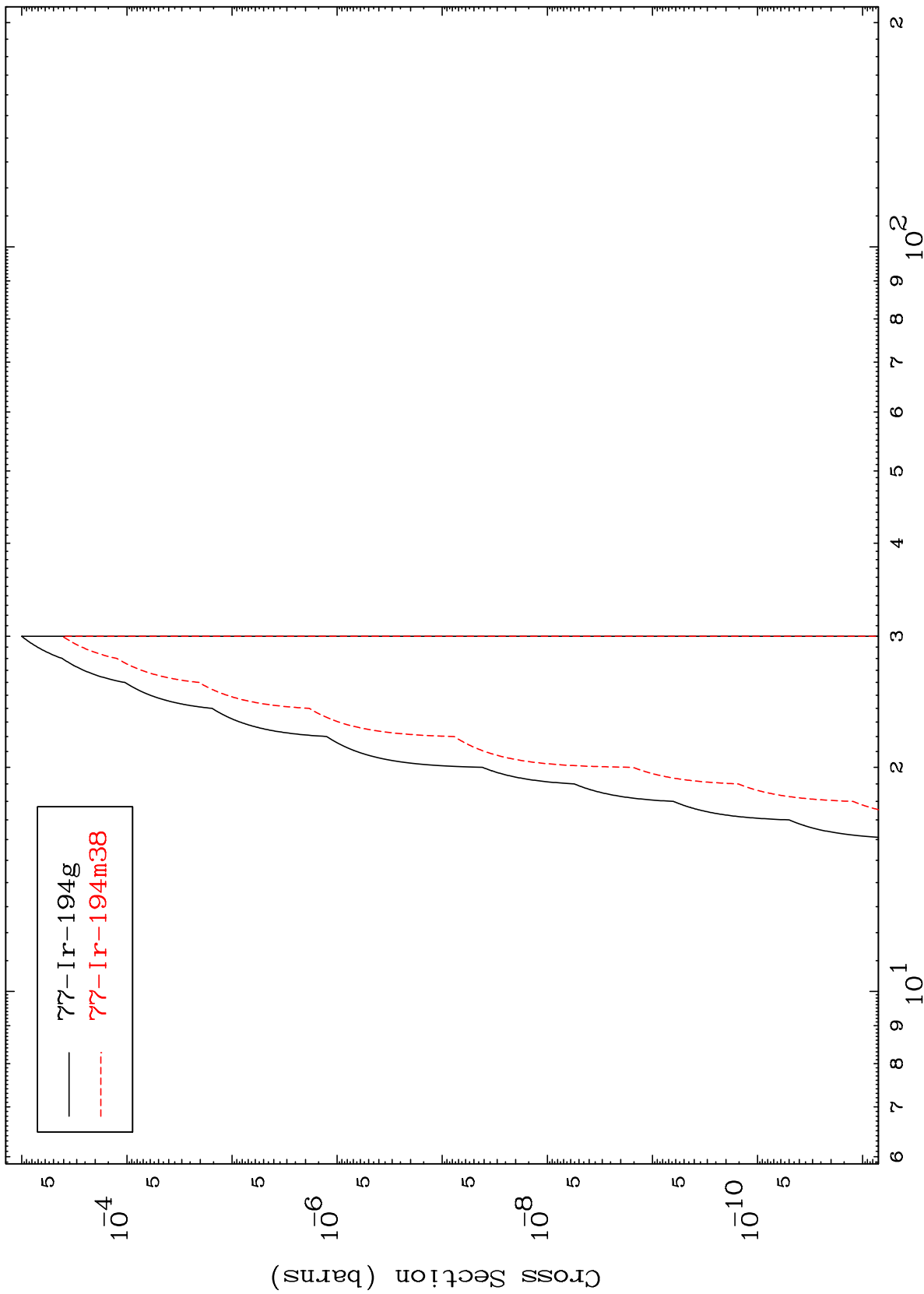
— $^{77}\text{Ir}-195\text{g}$
- - - $^{77}\text{Ir}-195\text{m}2$

MAT 7852

$(n,2n) \alpha$

78-Pt-199

Radionuclide Production Cross Section



— $^{77}\text{Ir-194g}$
- - - $^{77}\text{Ir-194m38}$

15

Incident Energy (MeV)

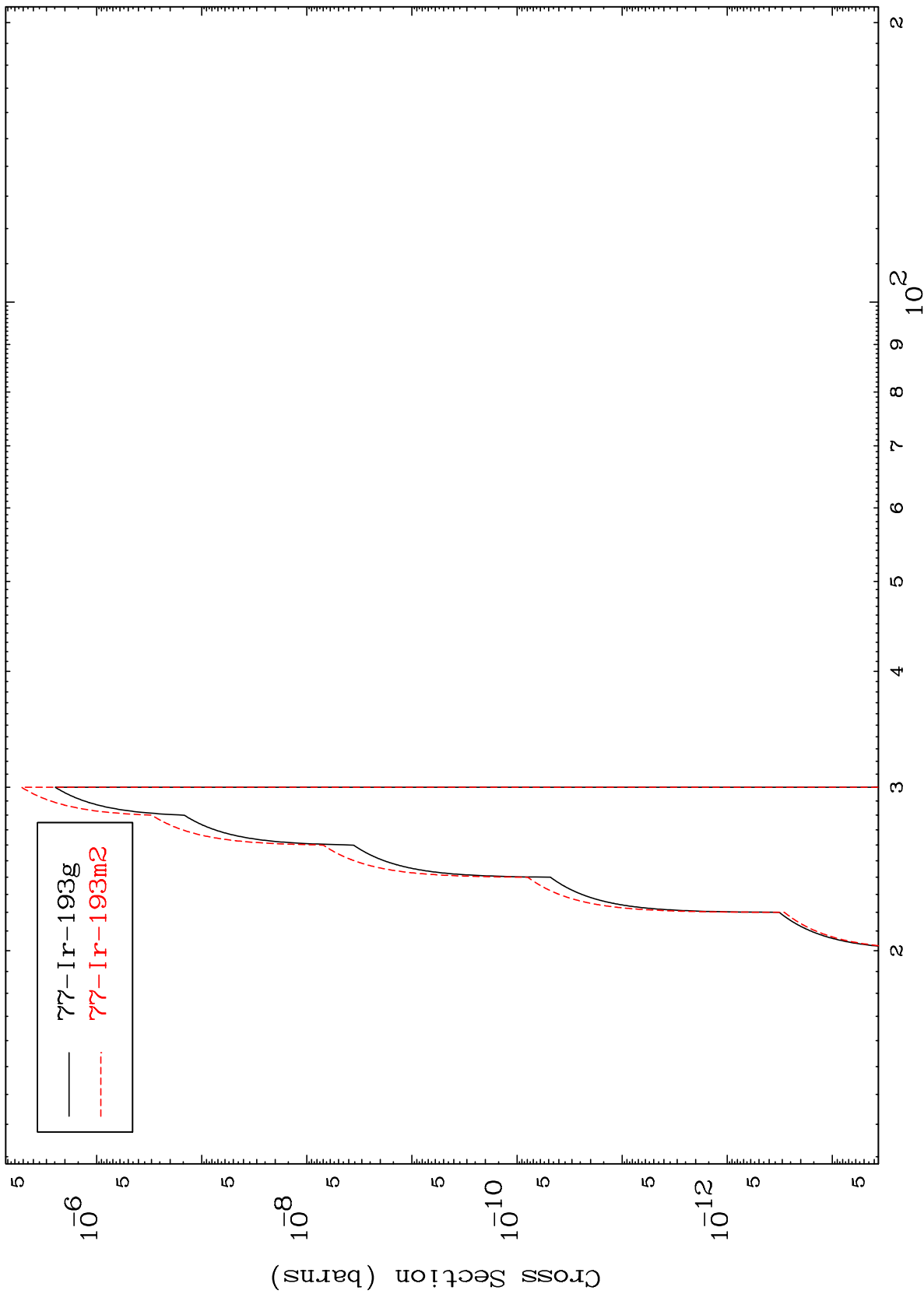
78-Pt-199

MAT 7852

(n,3n) α

78-Pt-199

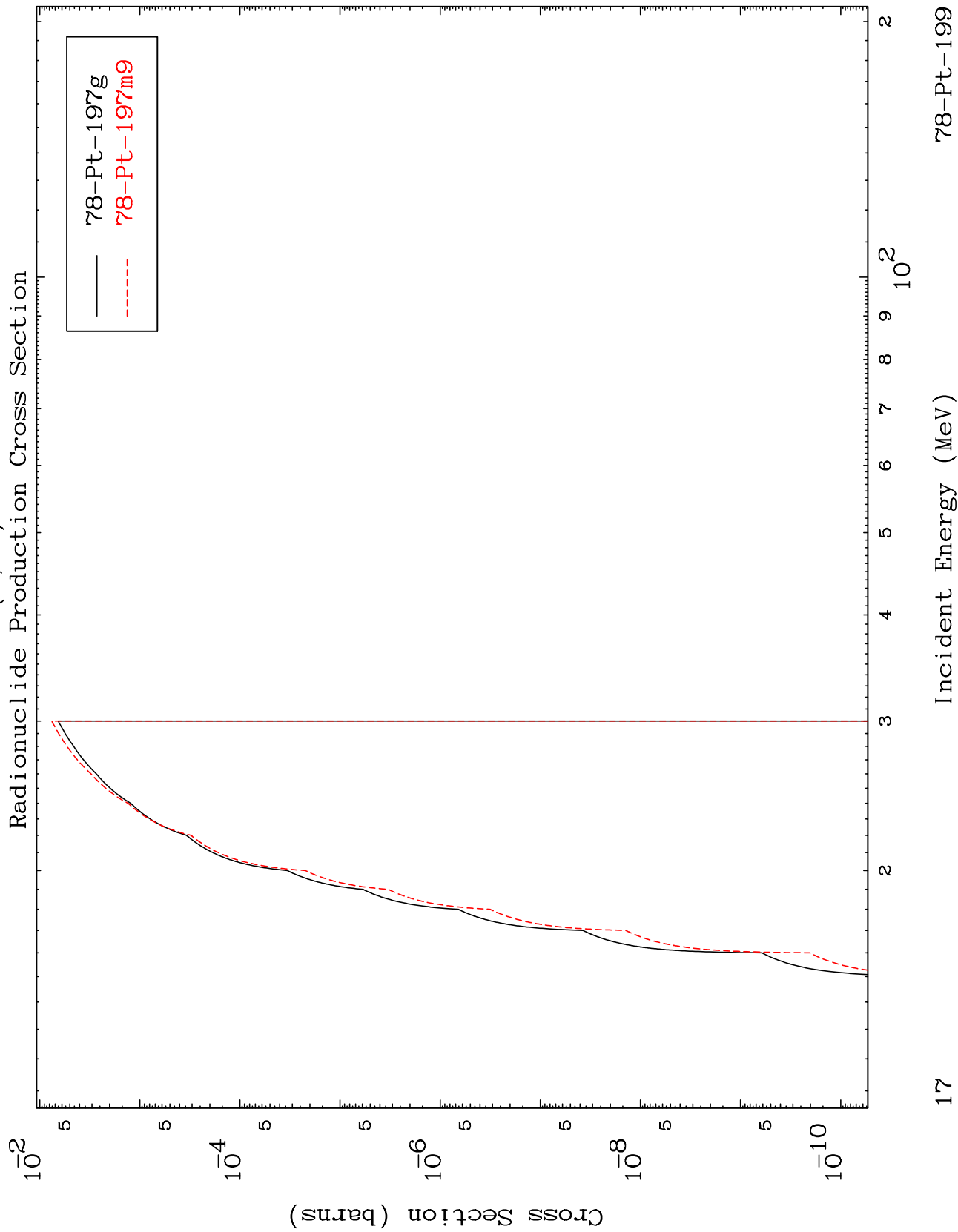
Radionuclide Production Cross Section



MAT 7852

(n,n') d

78-Pt-199



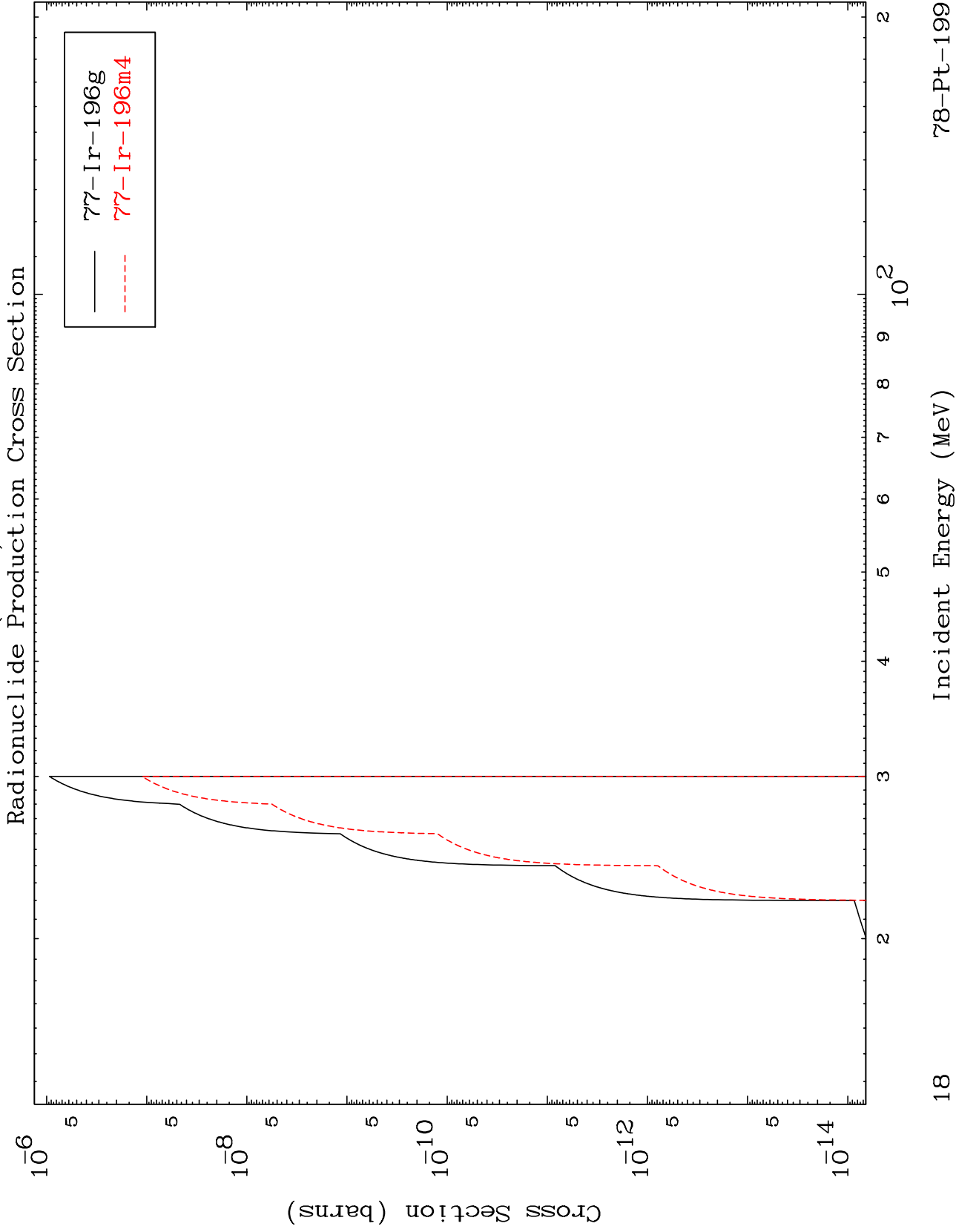
17

78-Pt-199

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(n,n') He-3

78-Pt-199



18

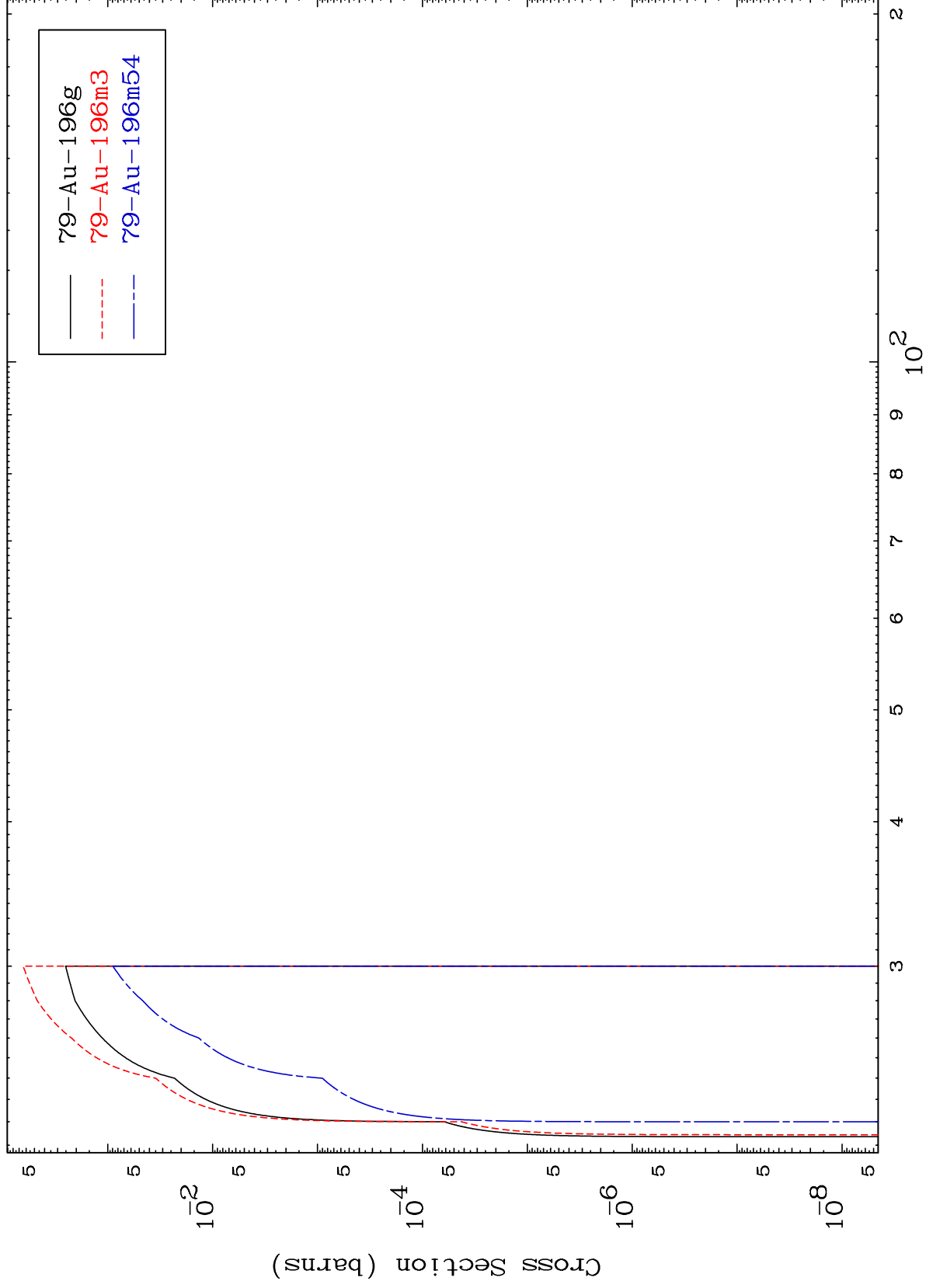
78-Pt-199

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(n,4n)

78-Pt-199

Radionuclide Production Cross Section



19

Incident Energy (MeV)

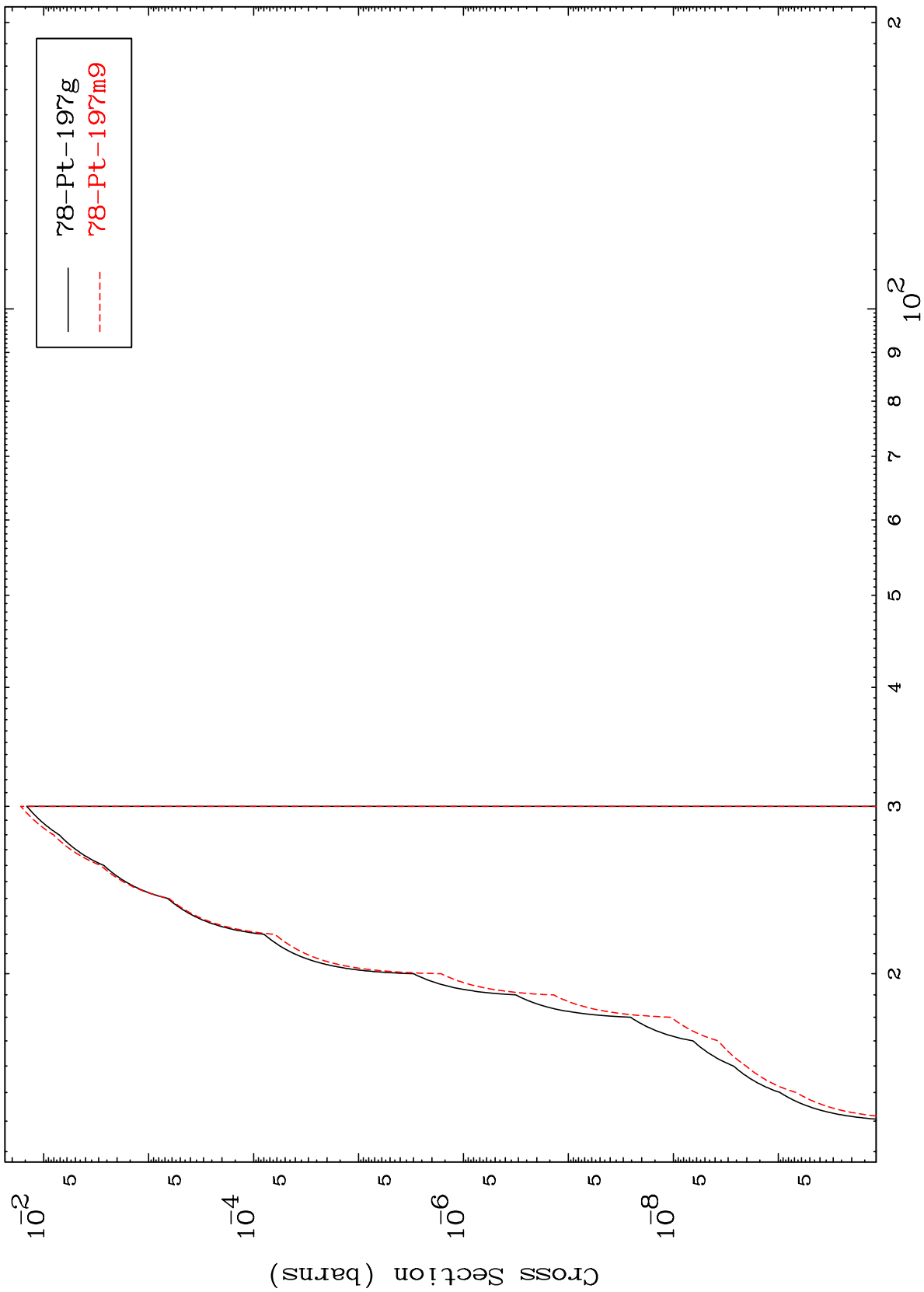
78-Pt-199

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(n,2n) p

78-Pt-199

Radionuclide Production Cross Section

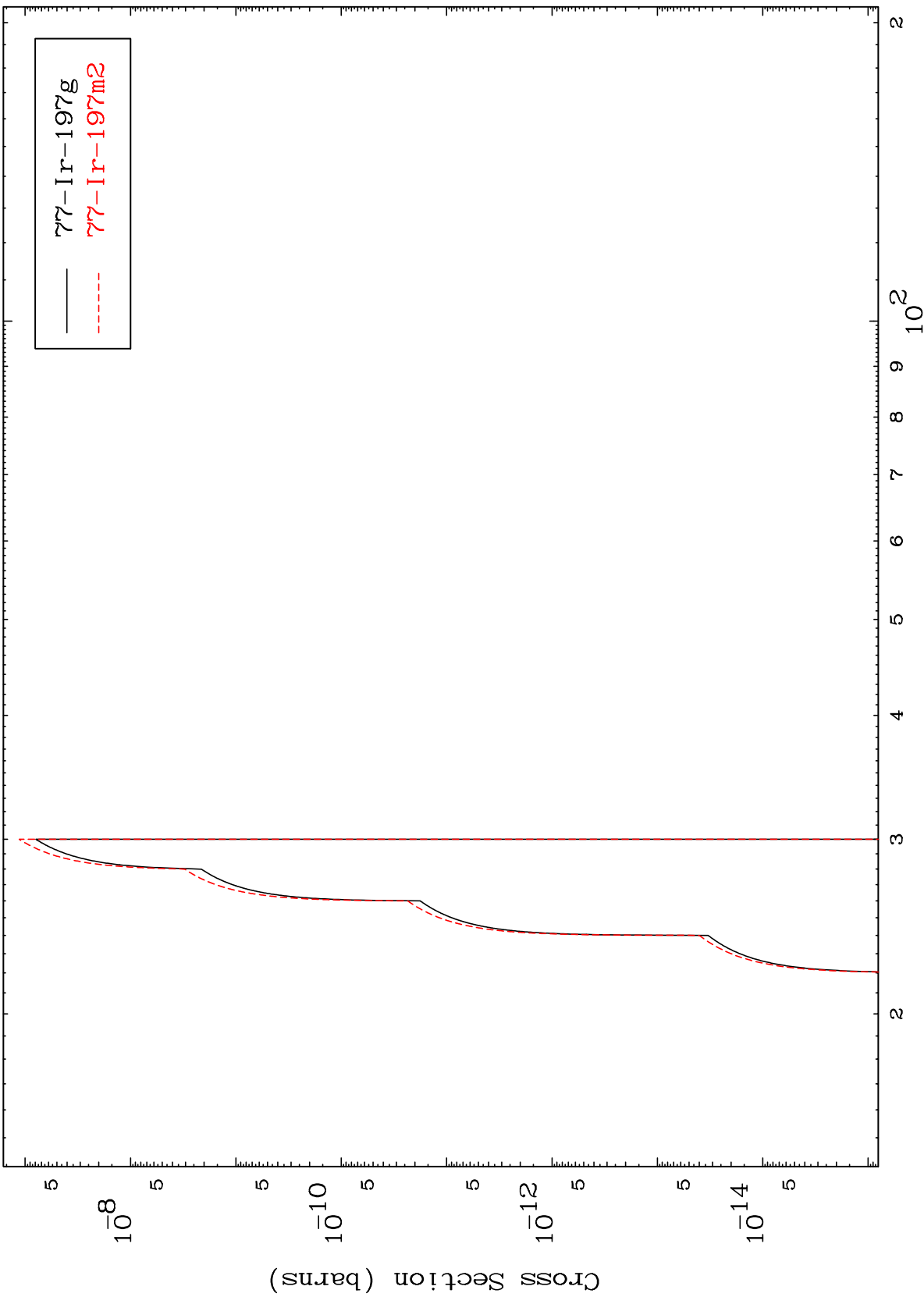


20

Incident Energy (MeV)

78-Pt-199

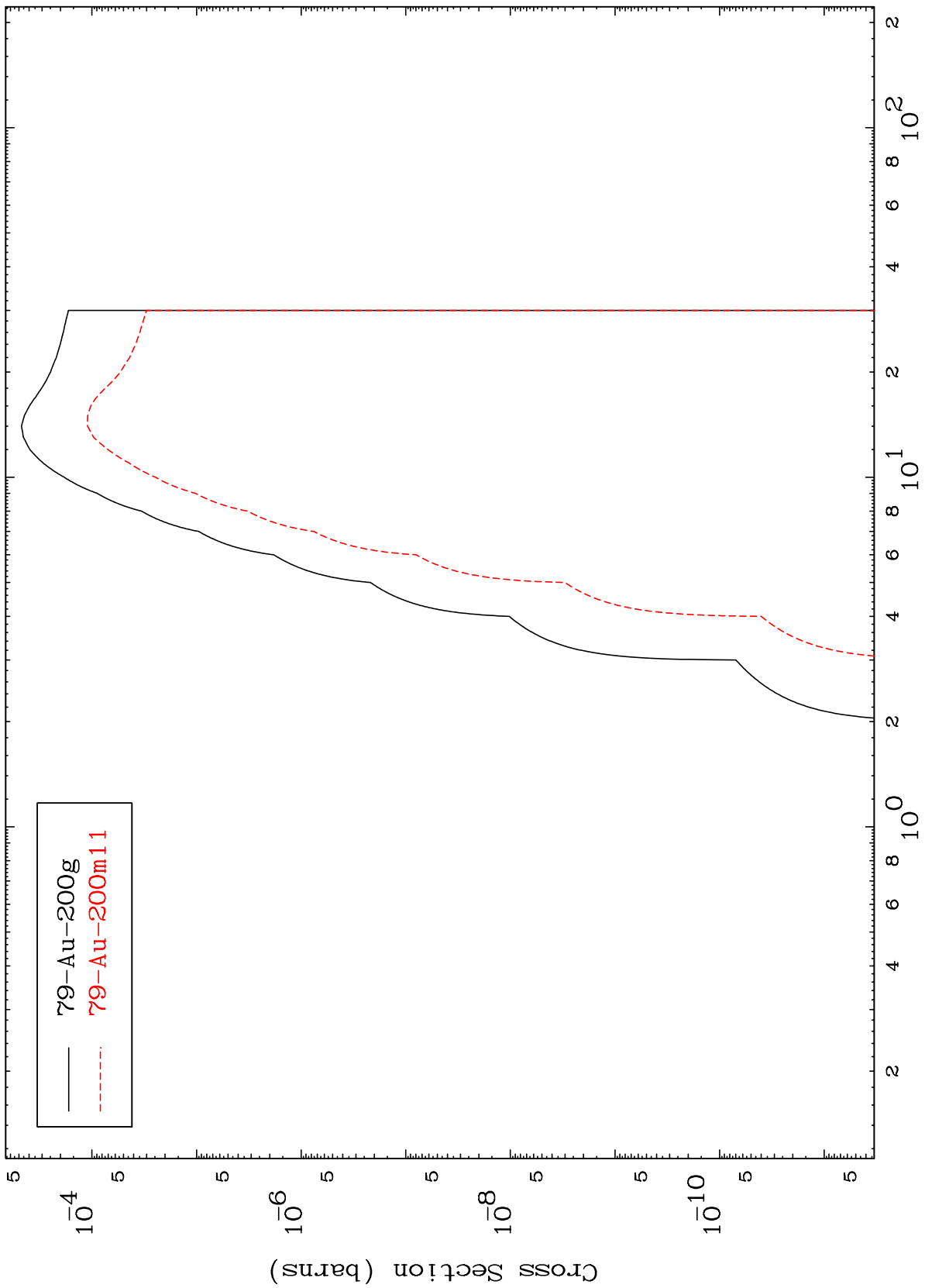
Radionuclide Production Cross Section



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78-Pt-199

(n,γ)
Radionuclide Production Cross Section



78-Pt-199

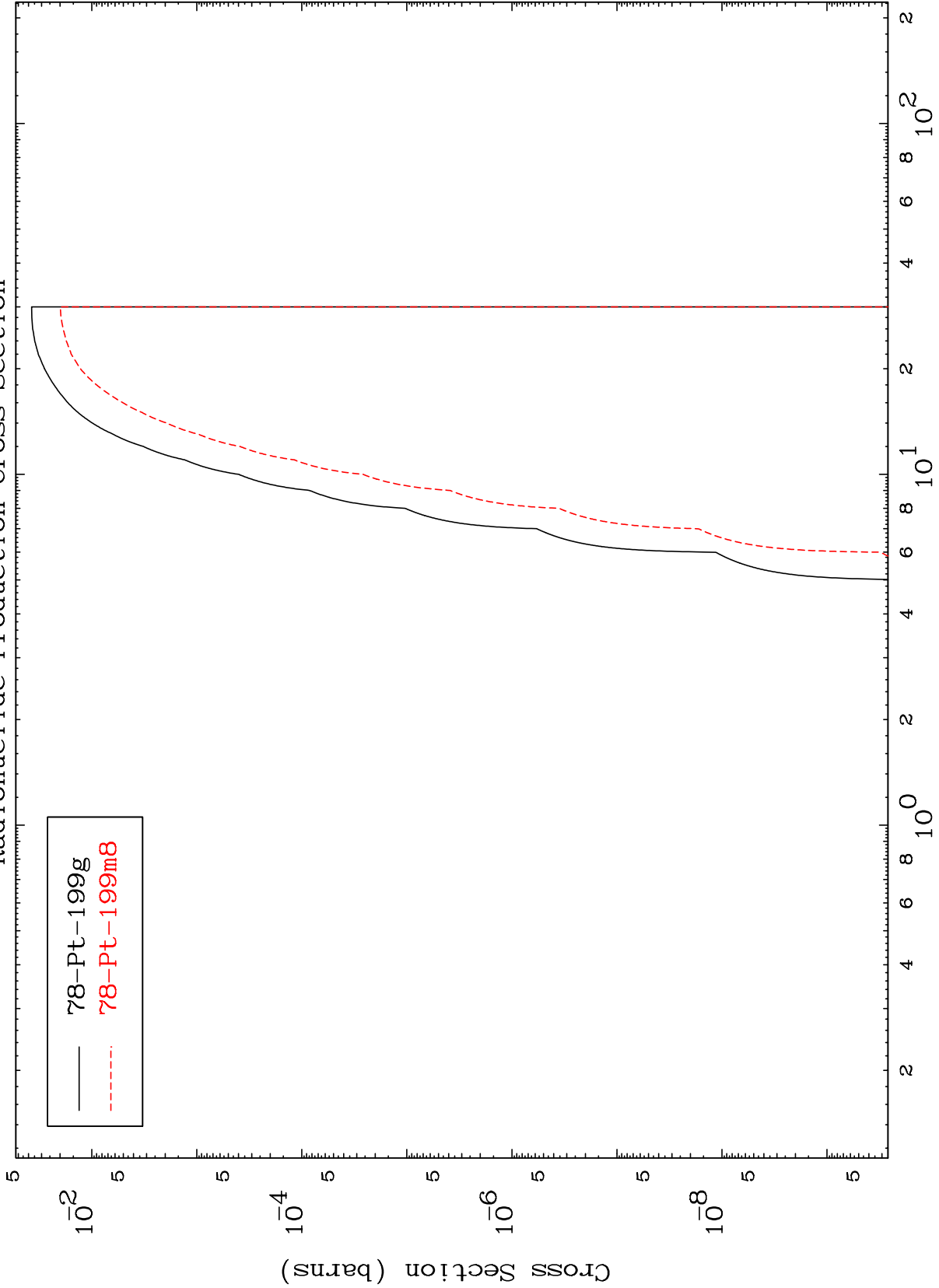
Incident Energy (MeV)

22

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78-Pt-199

(n,p)
Radionuclide Production Cross Section



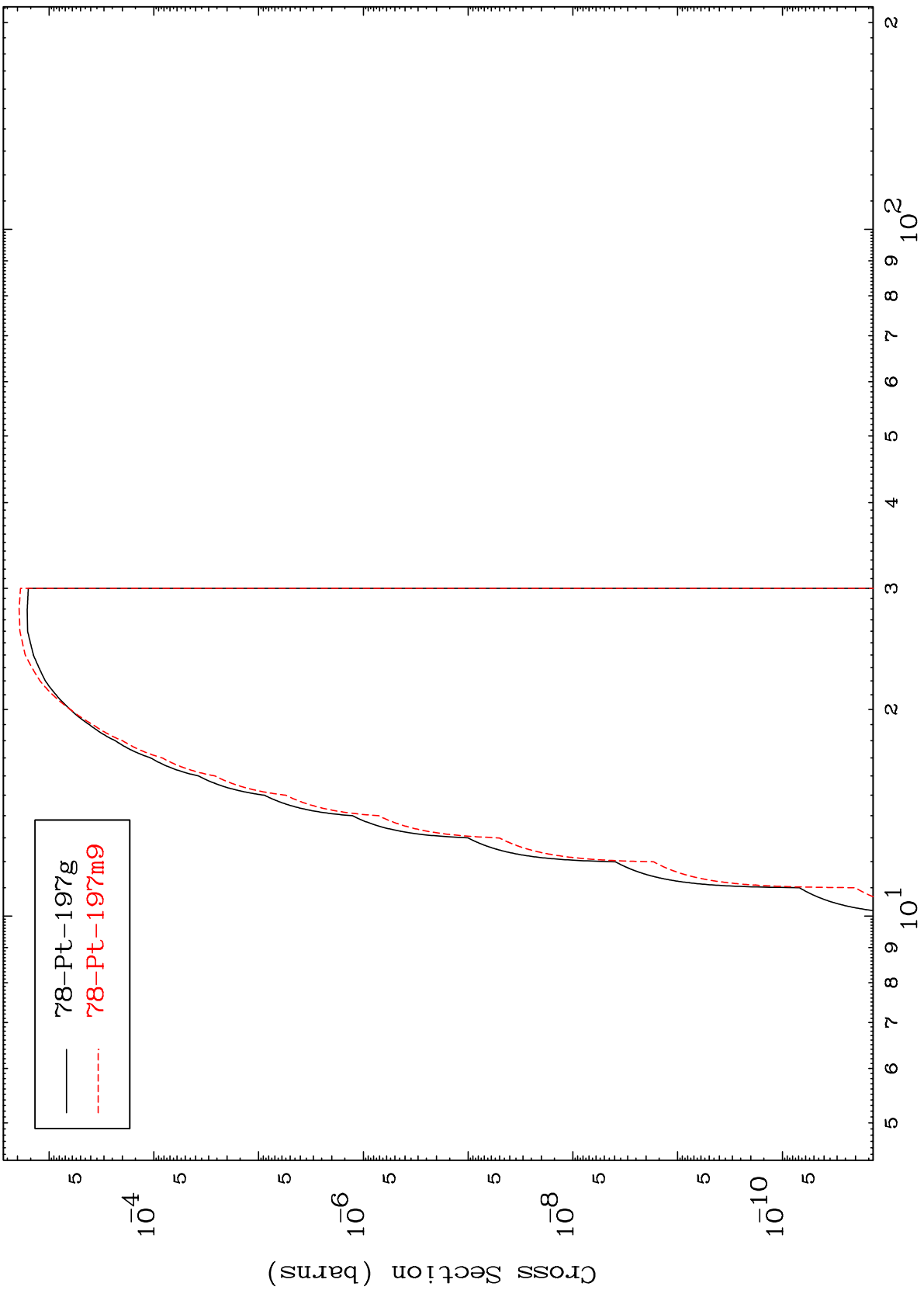
78-Pt-199

Incident Energy (MeV)

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78-Pt-199

Radionuclide Production Cross Section (n,t)



24

Incident Energy (MeV)

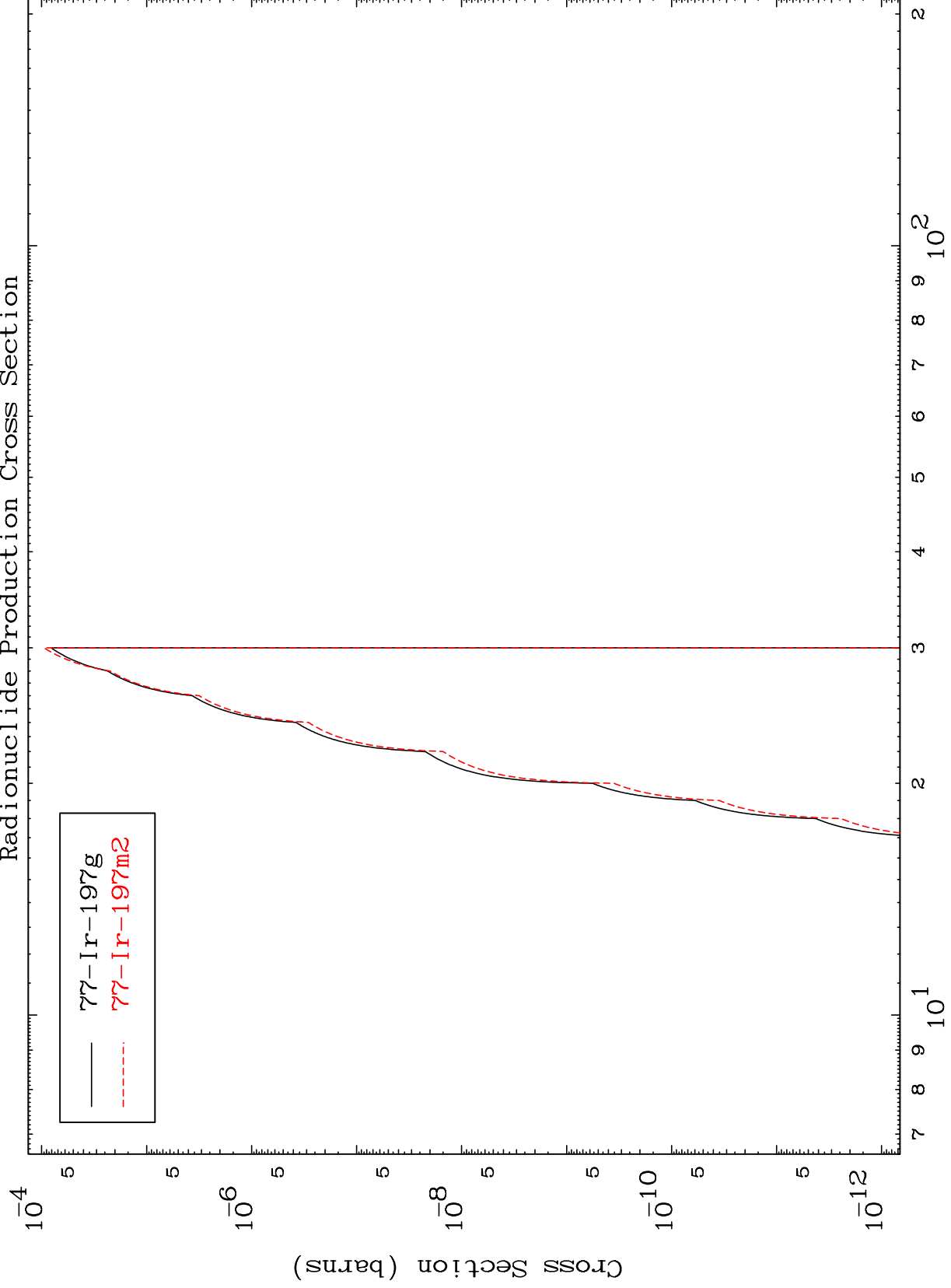
78-Pt-199

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(n,He-3)

78-Pt-199

Radionuclide Production Cross Section



25

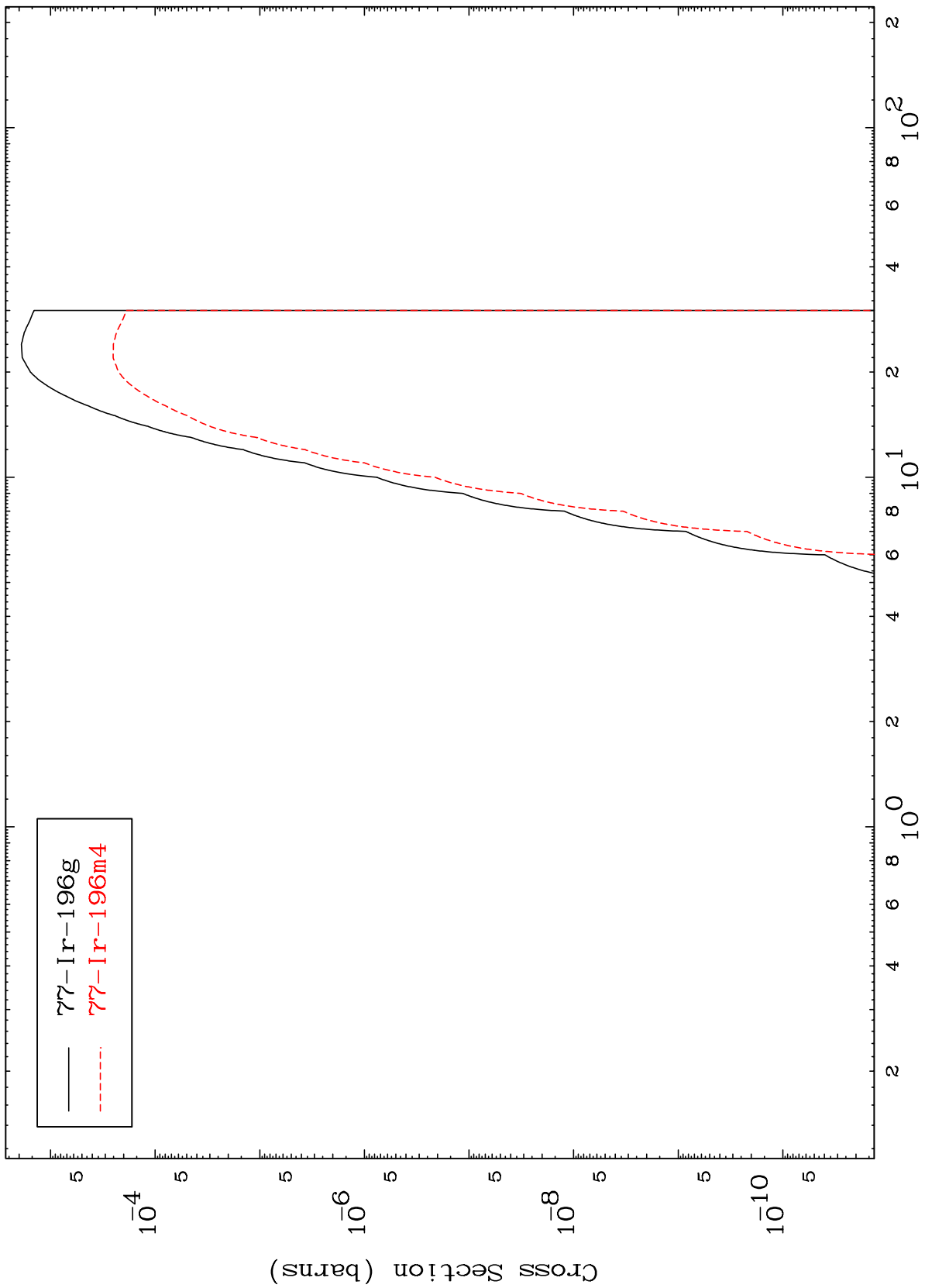
Incident Energy (MeV)

78-Pt-199

MAT 7852

78-Pt-199

Radionuclide Production Cross Section
(n, α)



26

78-Pt-199