

Program EVALPLOT
(Version 2021-1)

by

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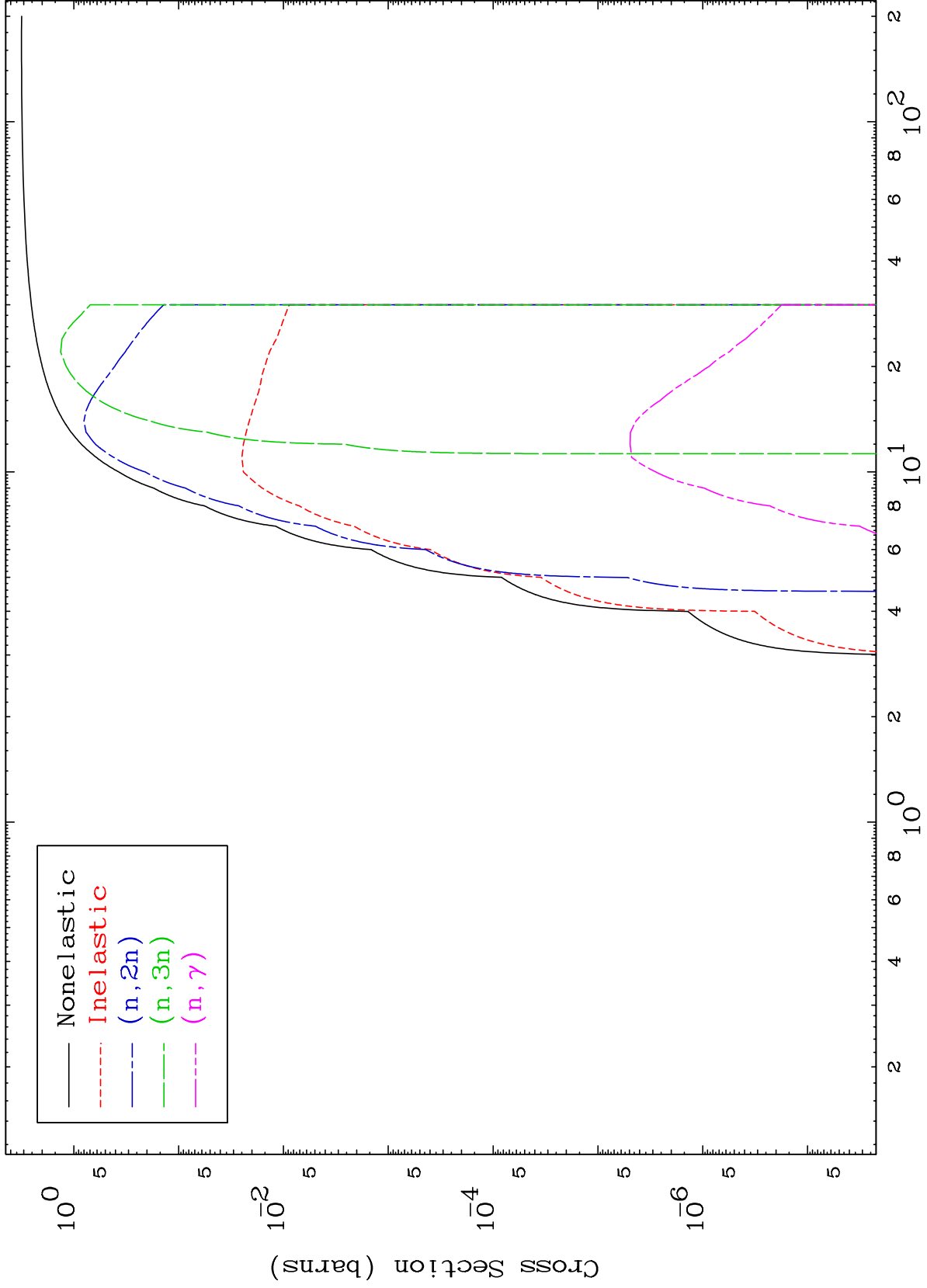
Web: redcullen1.net/HOMEPAGE.NEW

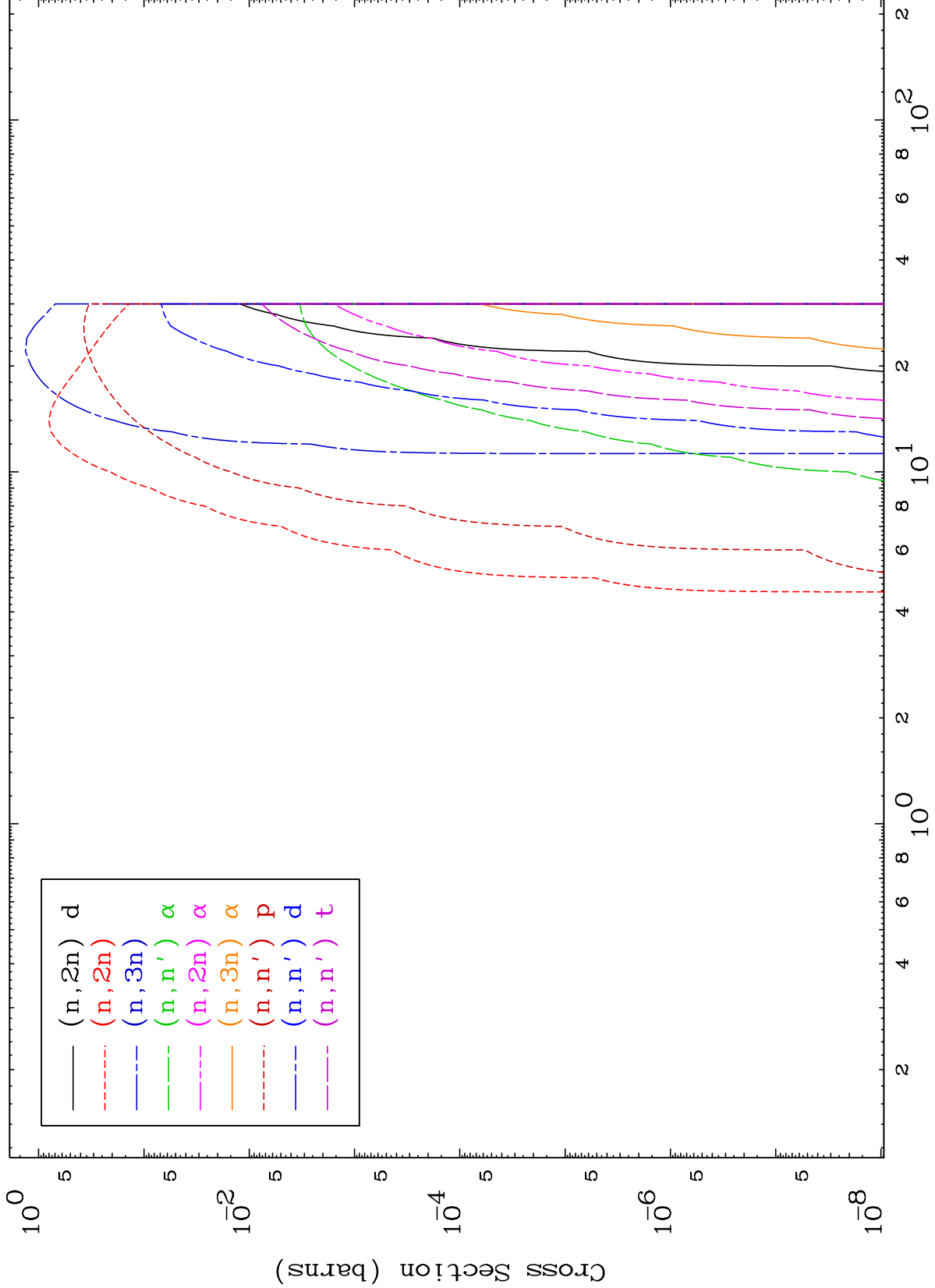
Press Mouse Button to Start

MAT 7843

Deuteron Major
0 Kelvin Cross Sections

78-Pt-196

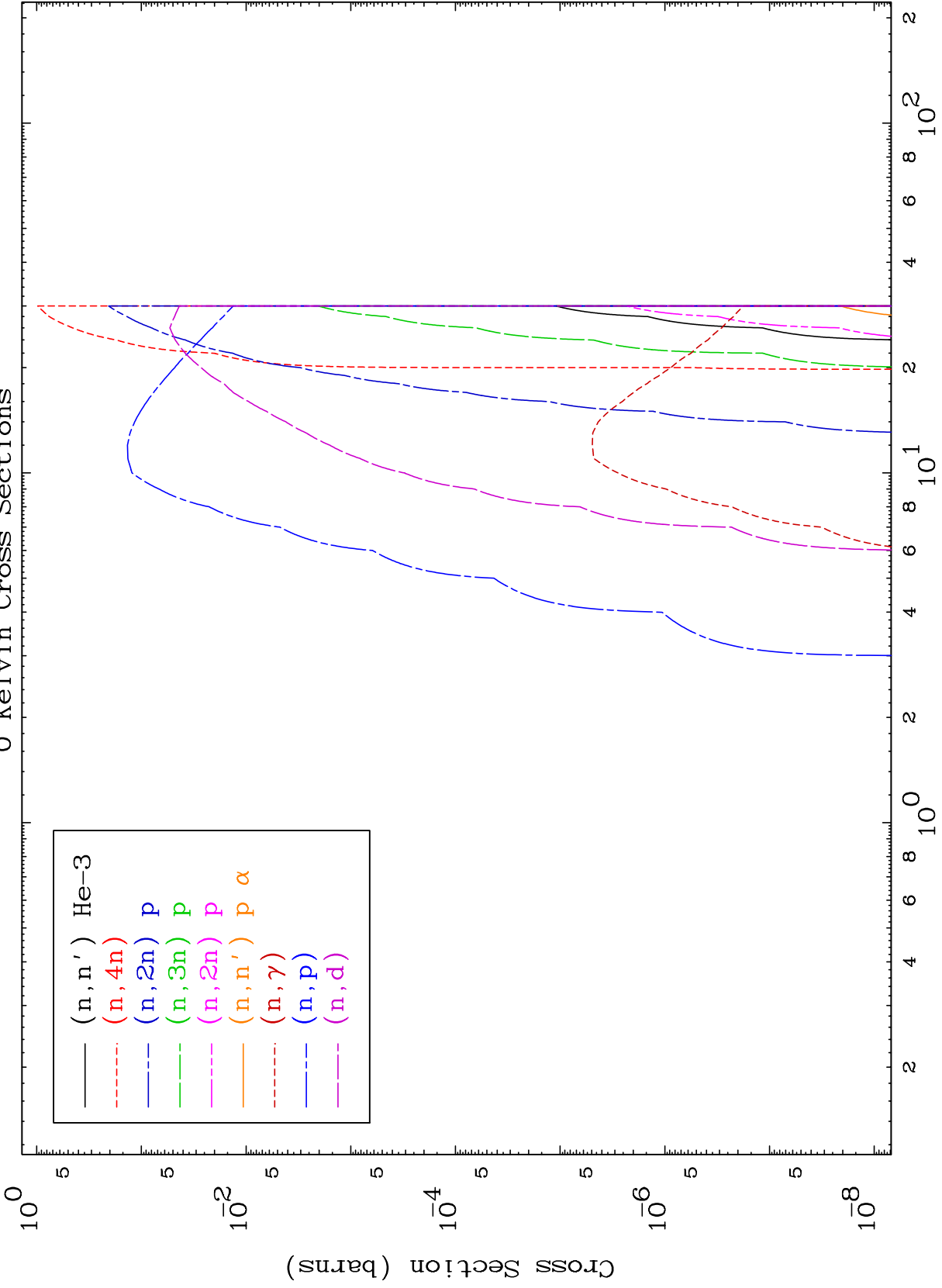




MAT 7843

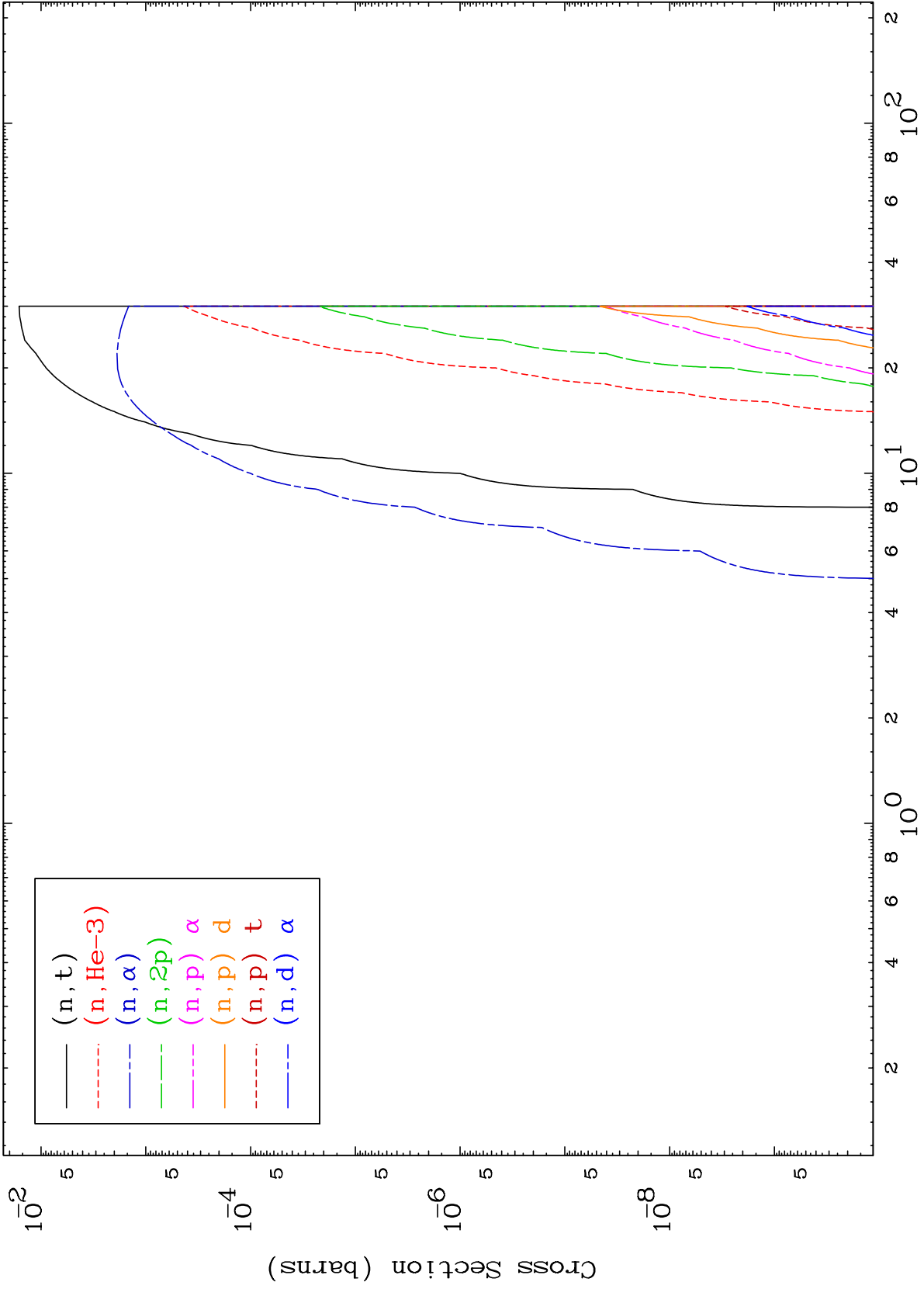
Deuteron Neutron Absorption
0 Kelvin Cross Sections

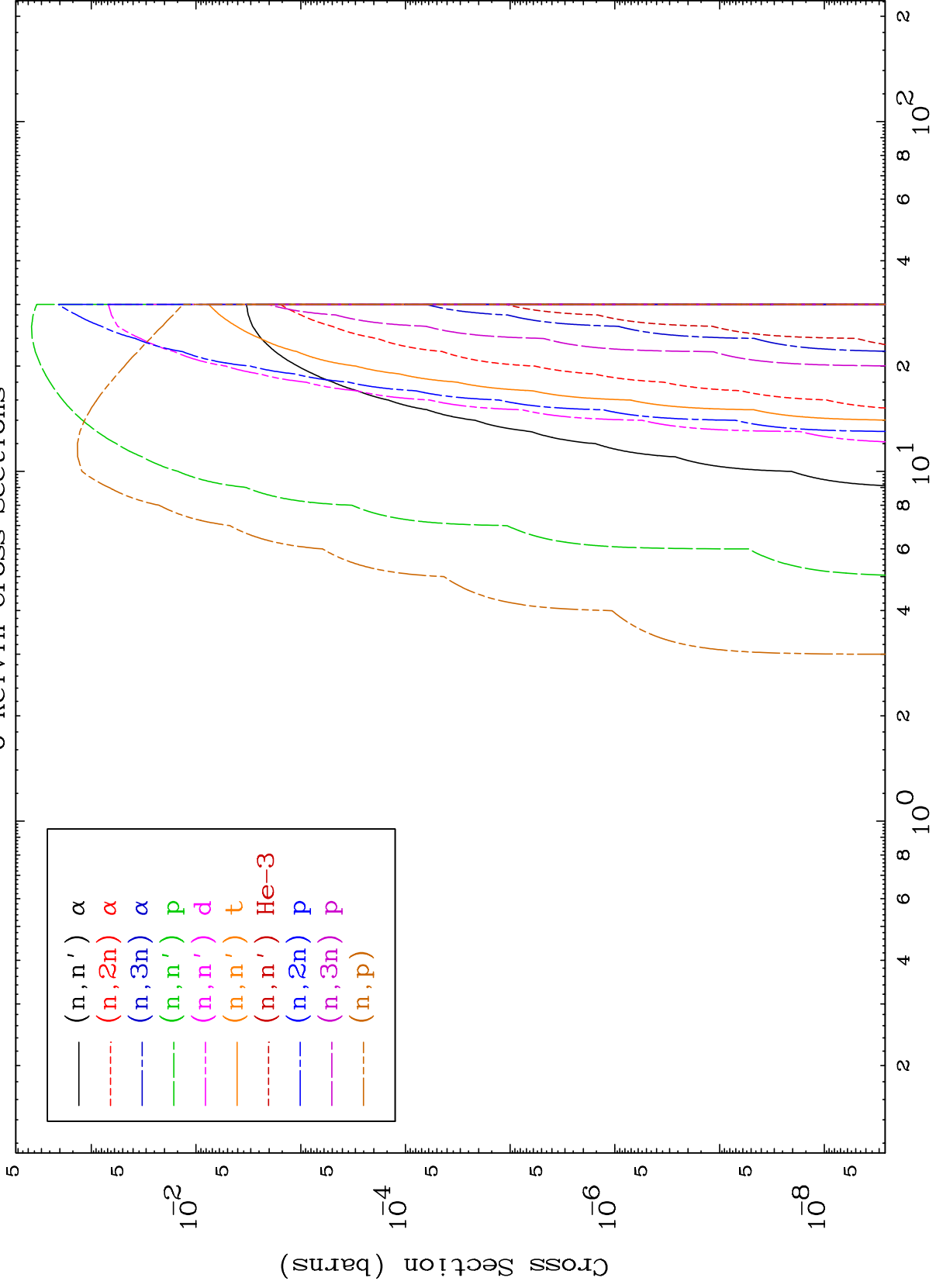
78-Pt-196

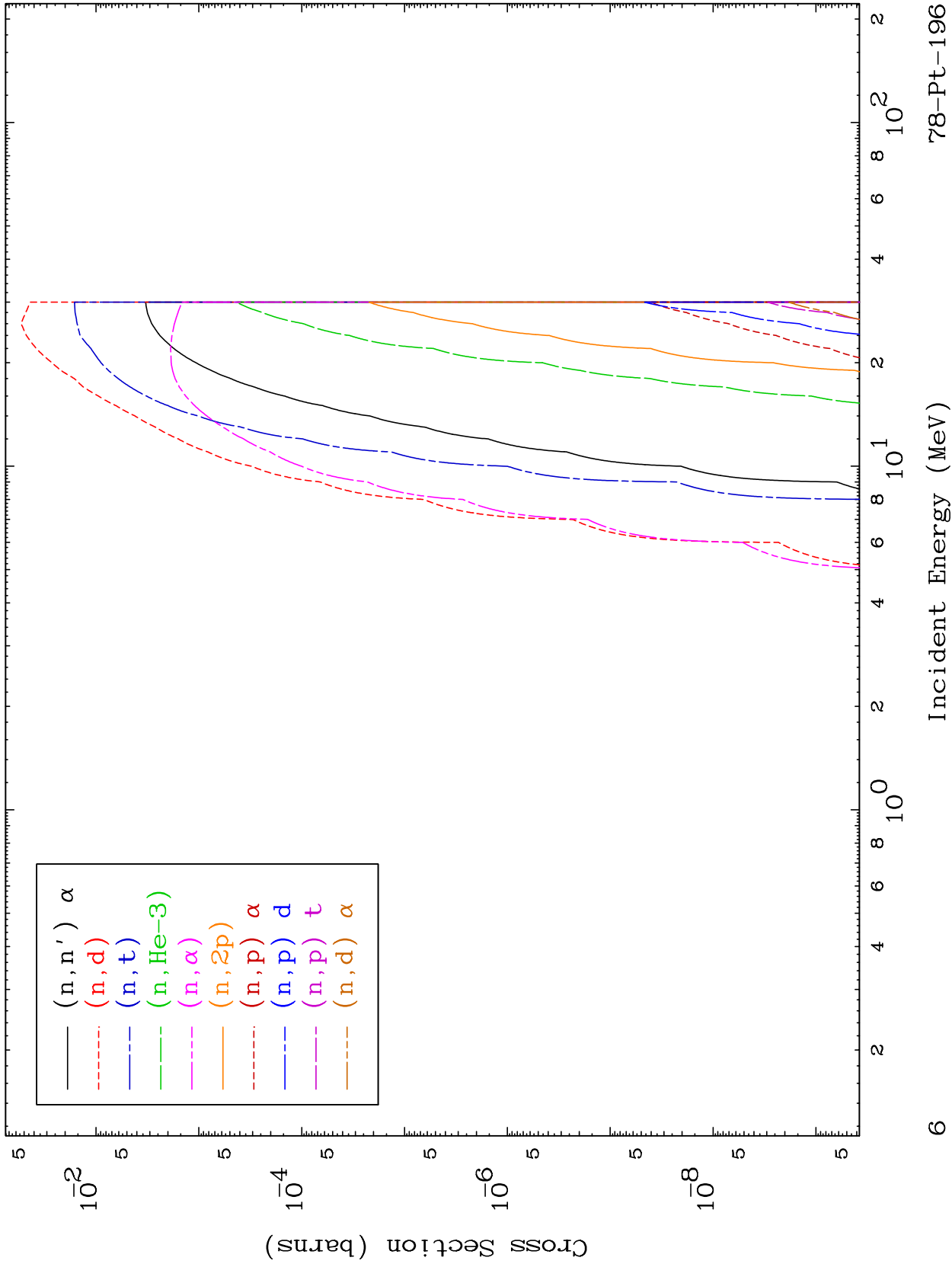


78-Pt-196

Incident Energy (MeV)





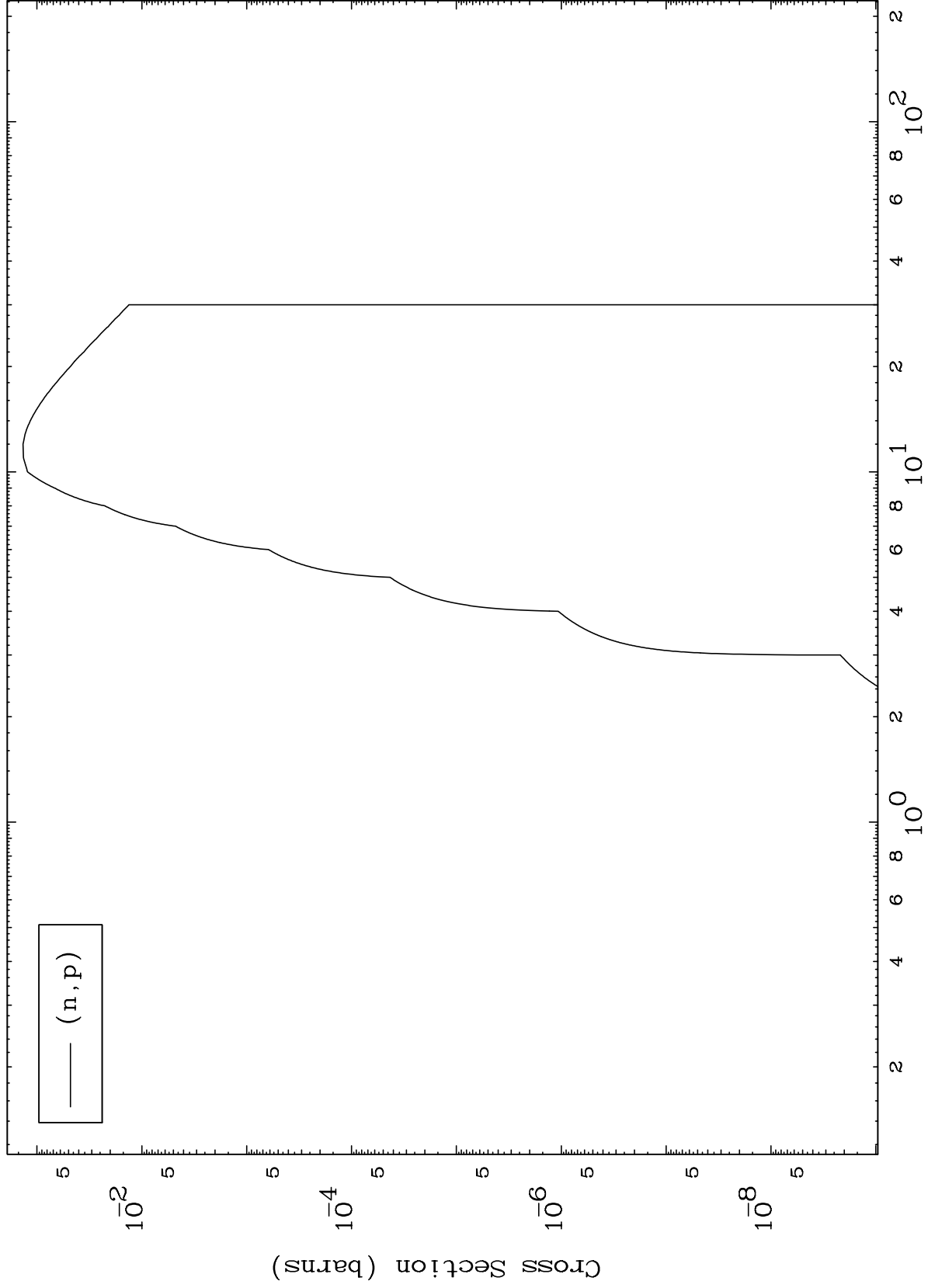


MAT 7843

(d,p) Levels

78-Pt-196

0 Kelvin Cross Sections

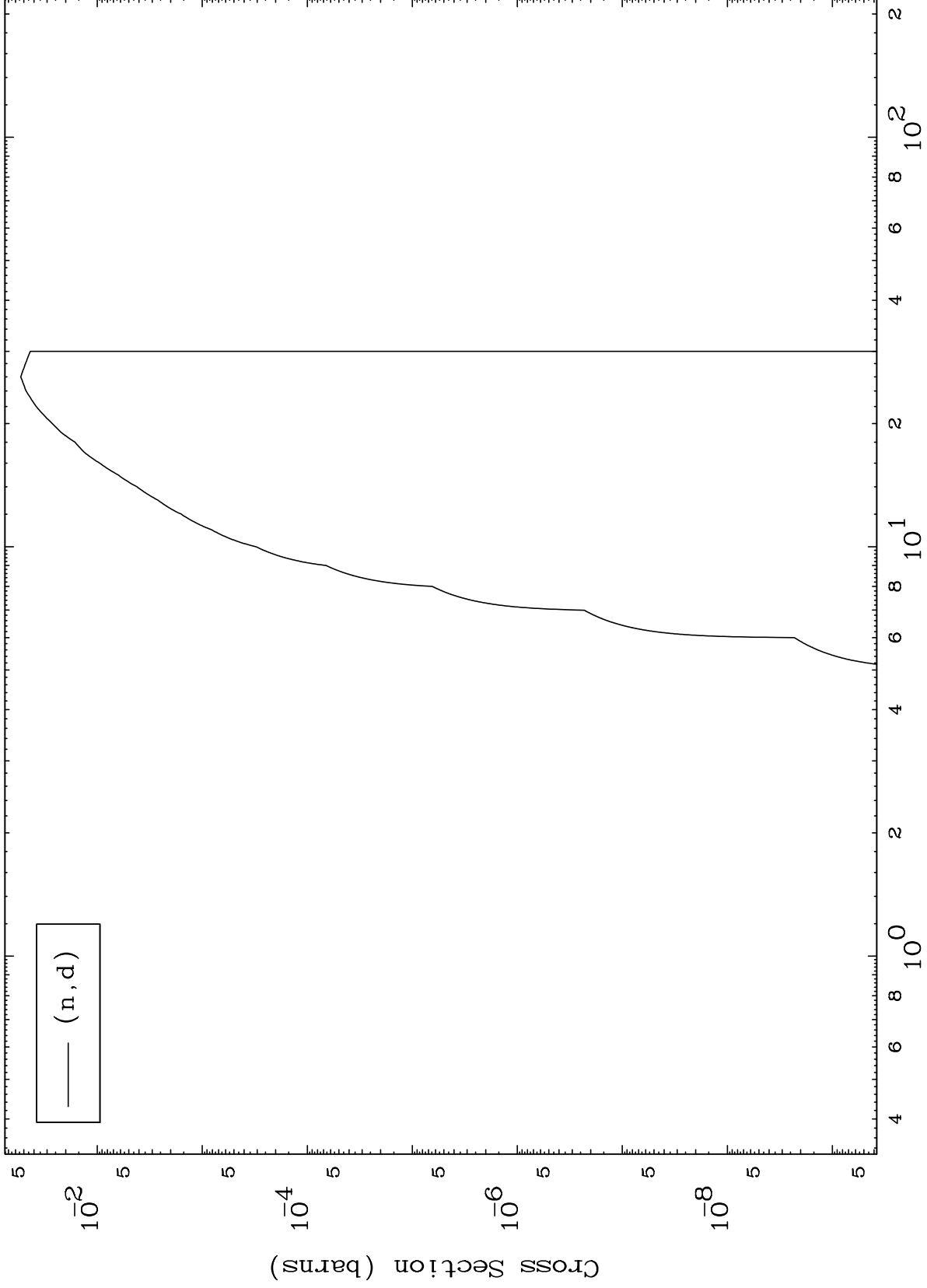


MAT 7843

(d,d) Levels

78-Pt-196

0 Kelvin Cross Sections



(n,d)

Incident Energy (MeV)

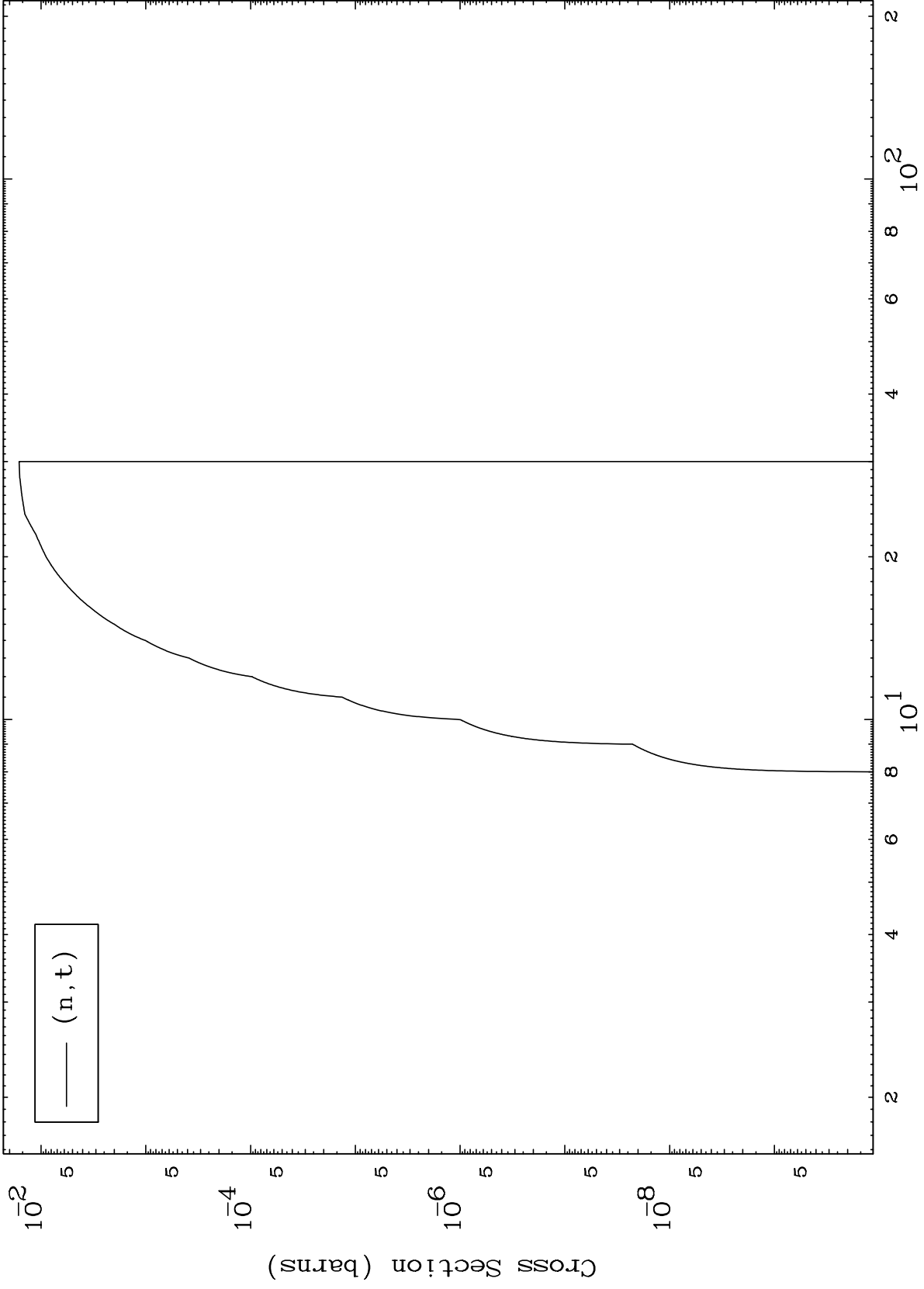
78-Pt-196

8

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(d,t) Levels
0 Kelvin Cross Sections

78-Pt-196



9

Incident Energy (MeV)

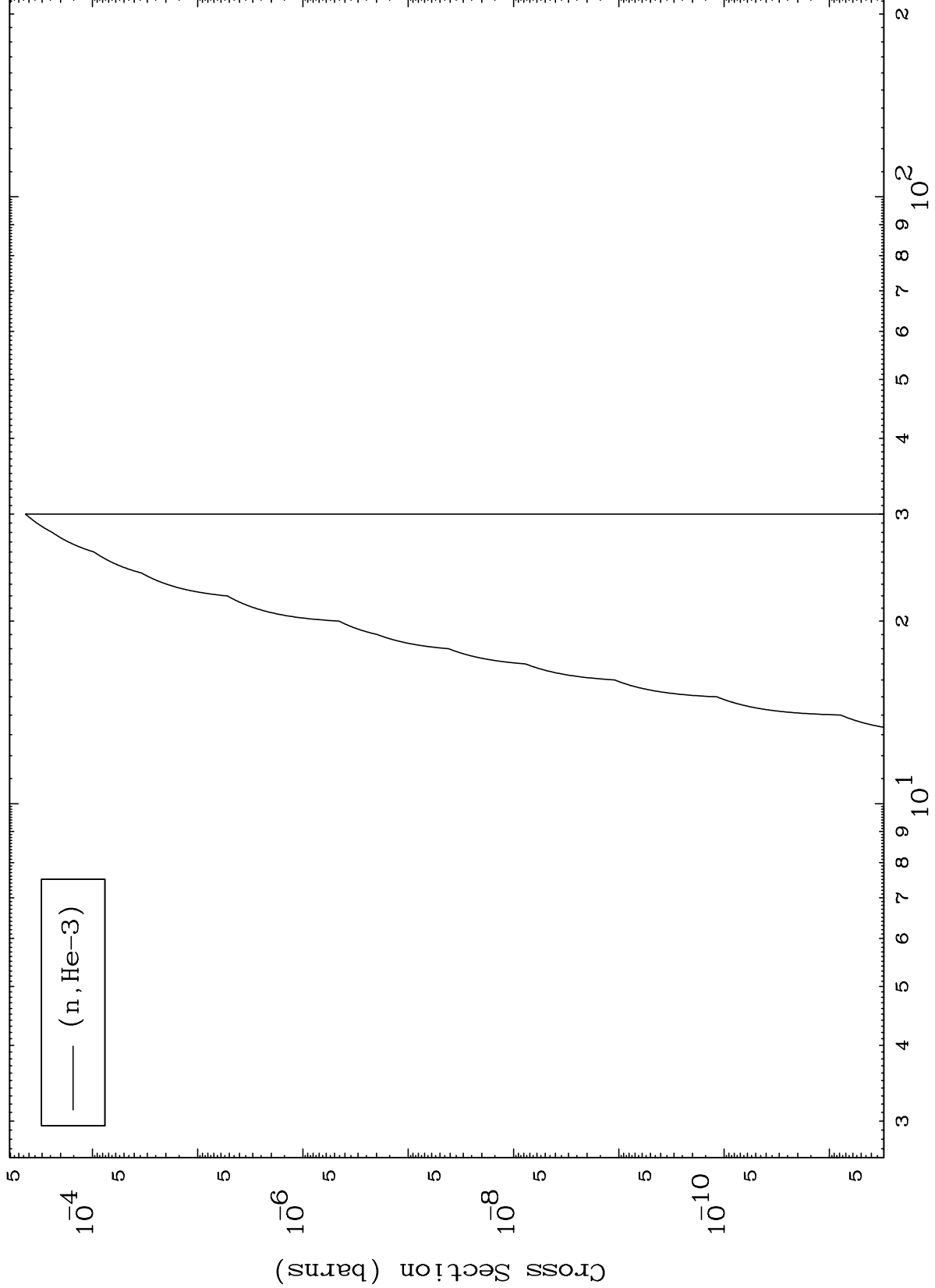
78-Pt-196

MAT 7843

(d,He3) Levels

78-Pt-196

0 Kelvin Cross Sections



10

Incident Energy (MeV)

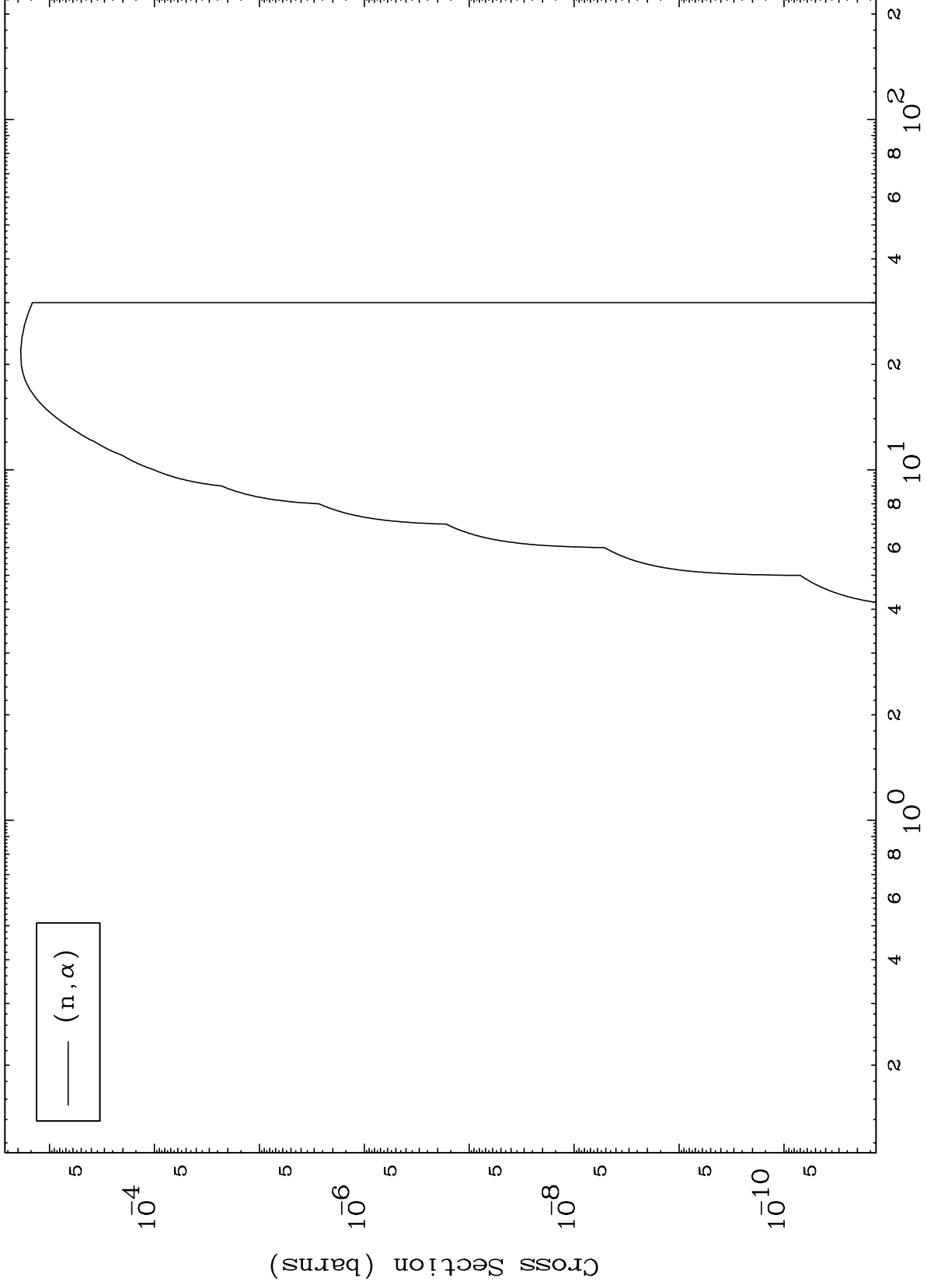
78-Pt-196

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(d, α) Levels

78-Pt-196

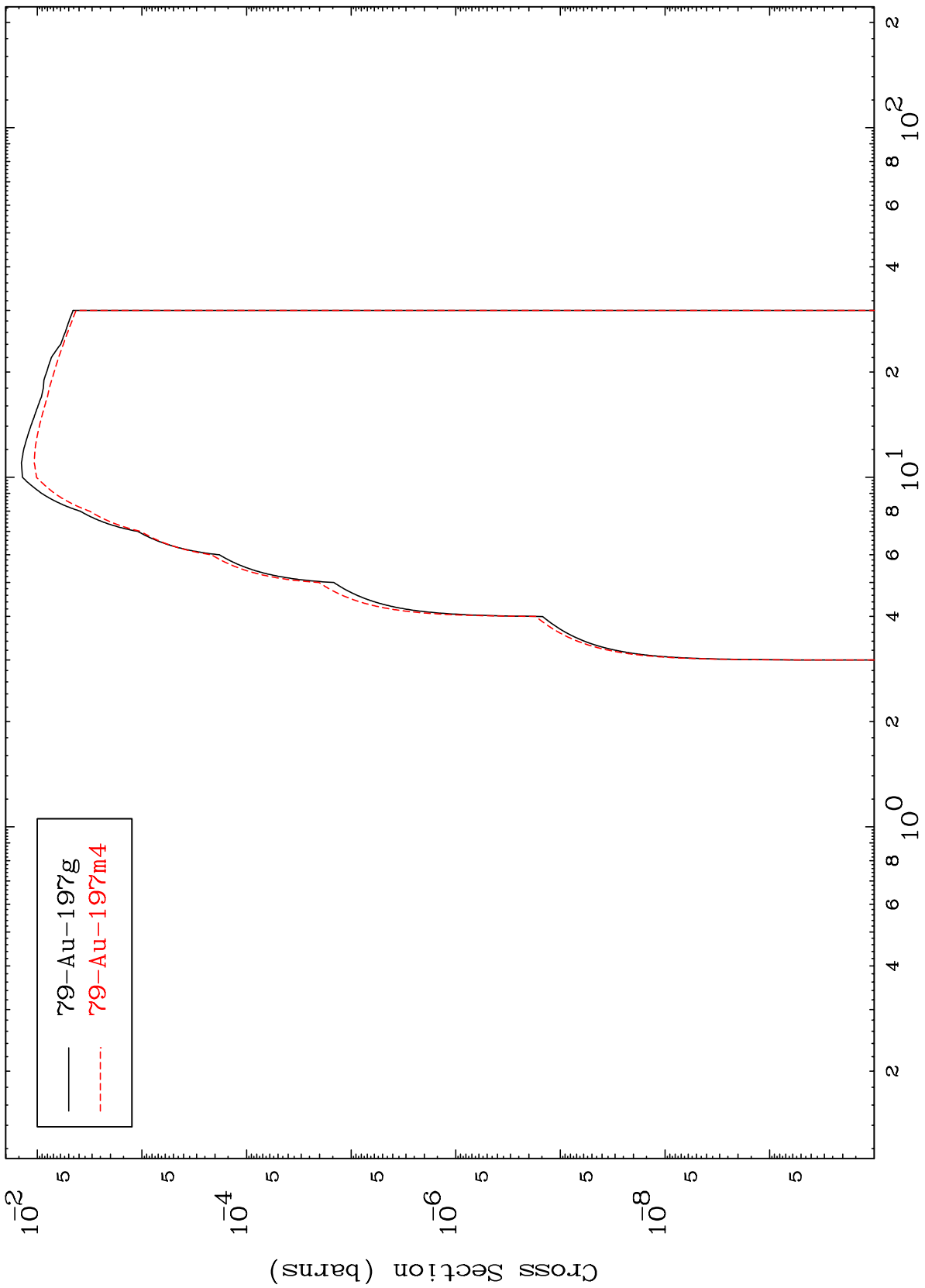
0 Kelvin Cross Sections



MAT 7843

78-Pt-196

Inelastic
Radionuclide Production Cross Section

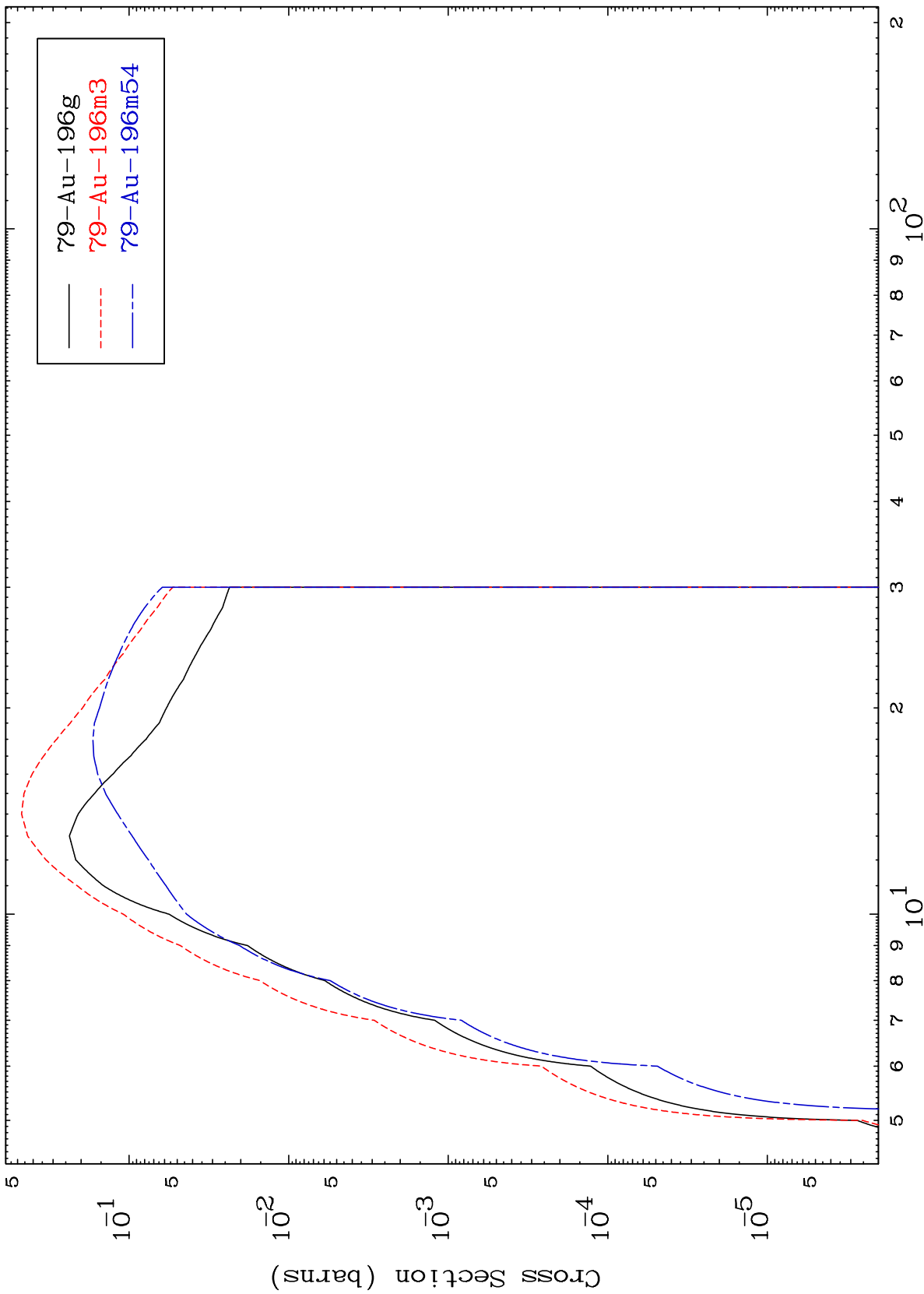


12

78-Pt-196

Incident Energy (MeV)

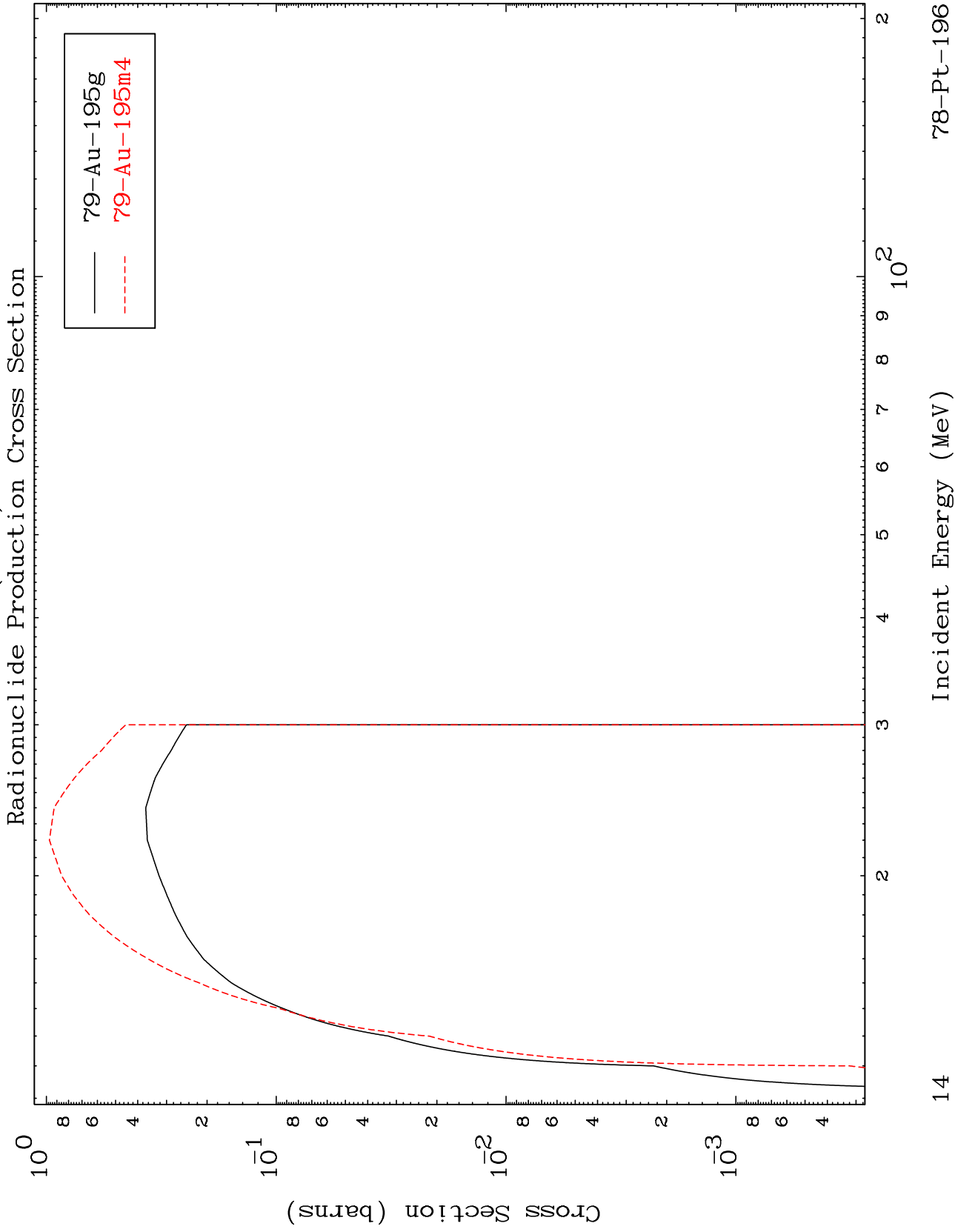
(n,2n)
Radionuclide Production Cross Section



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(n,3n)

78-Pt-196



14

Incident Energy (MeV)

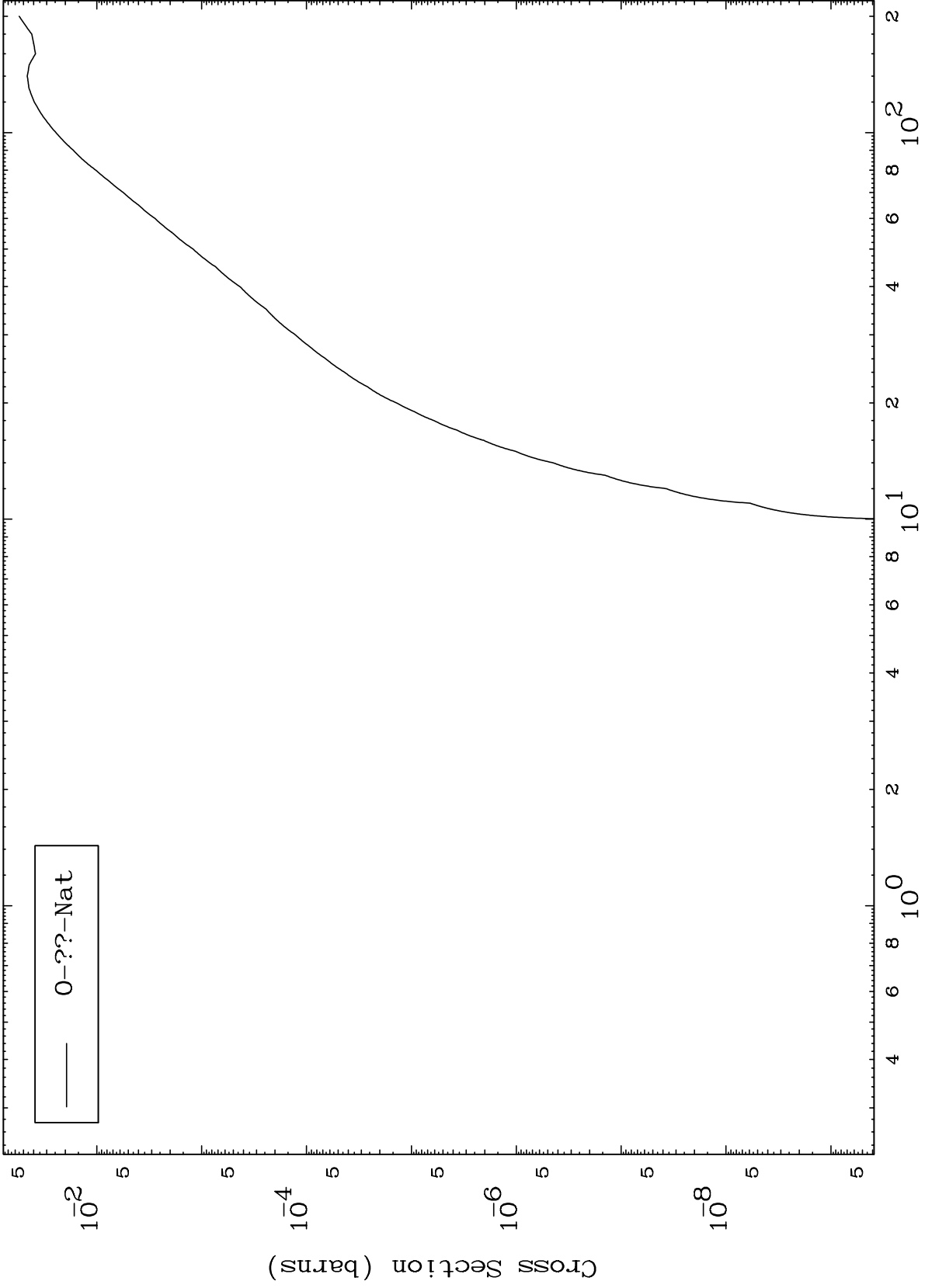
78-Pt-196

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Fission

78-Pt-196

Radionuclide Production Cross Section



15

Incident Energy (MeV)

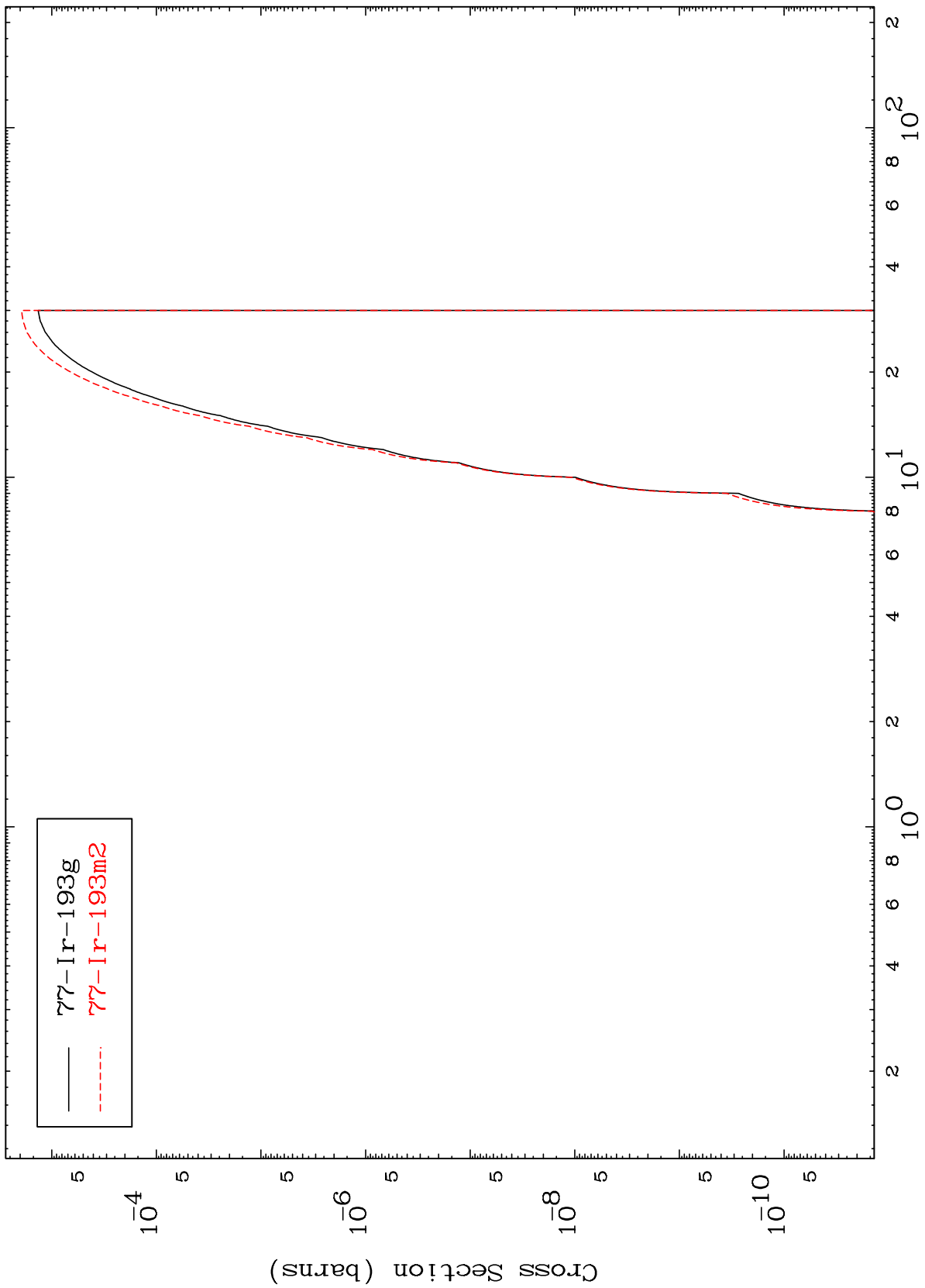
78-Pt-196

MAT 7843

(n,n') α

78-Pt-196

Radionuclide Production Cross Section



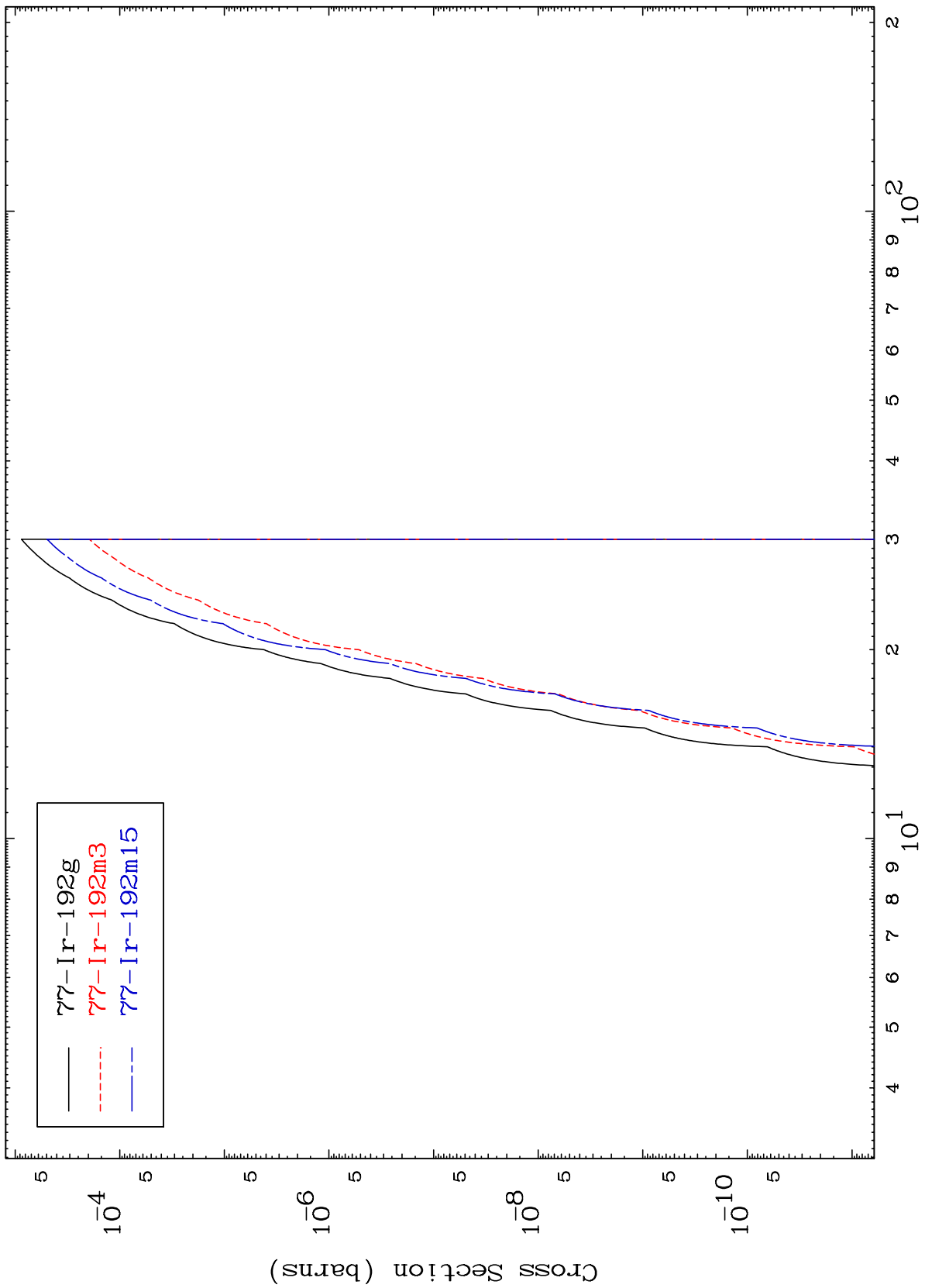
— $^{77}\text{Ir-193g}$
- - - $^{77}\text{Ir-193m2}$

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(n,2n) α

78-Pt-196

Radionuclide Production Cross Section

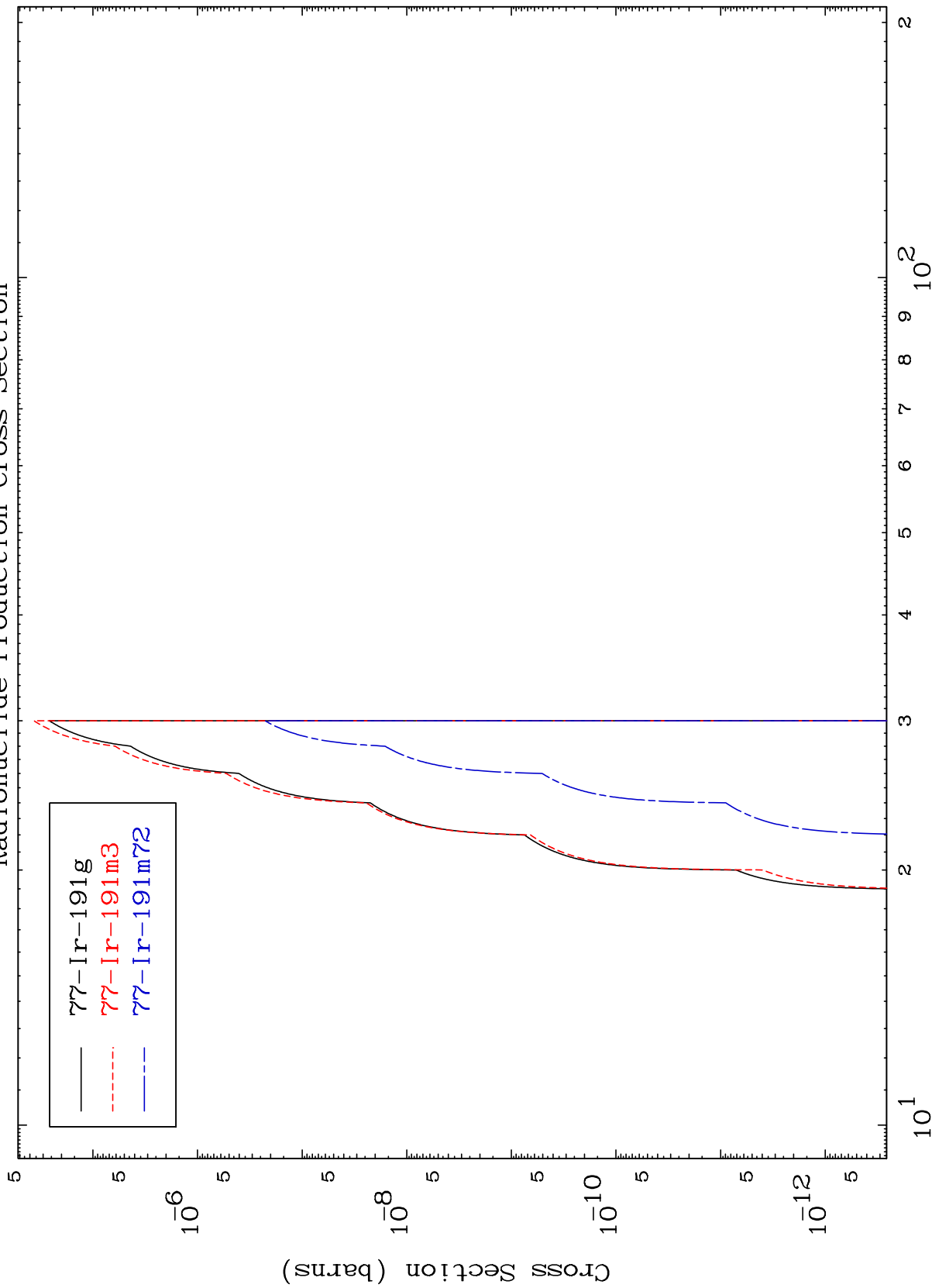


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(n,3n) α

78-Pt-196

Radionuclide Production Cross Section



Incident Energy (MeV)

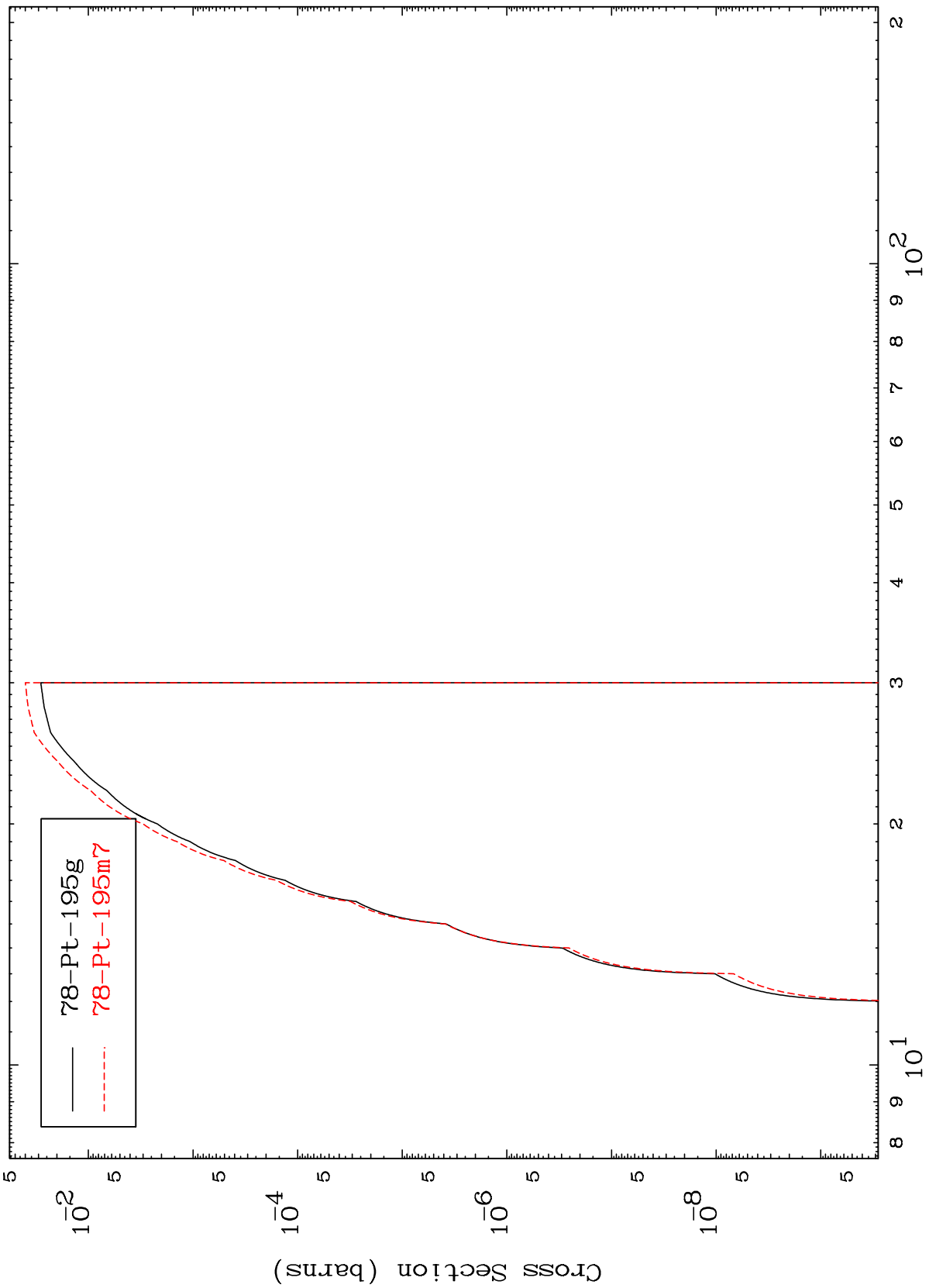
78-Pt-196

MAT 7843

(n,n') d

78-Pt-196

Radionuclide Production Cross Section



19

Incident Energy (MeV)

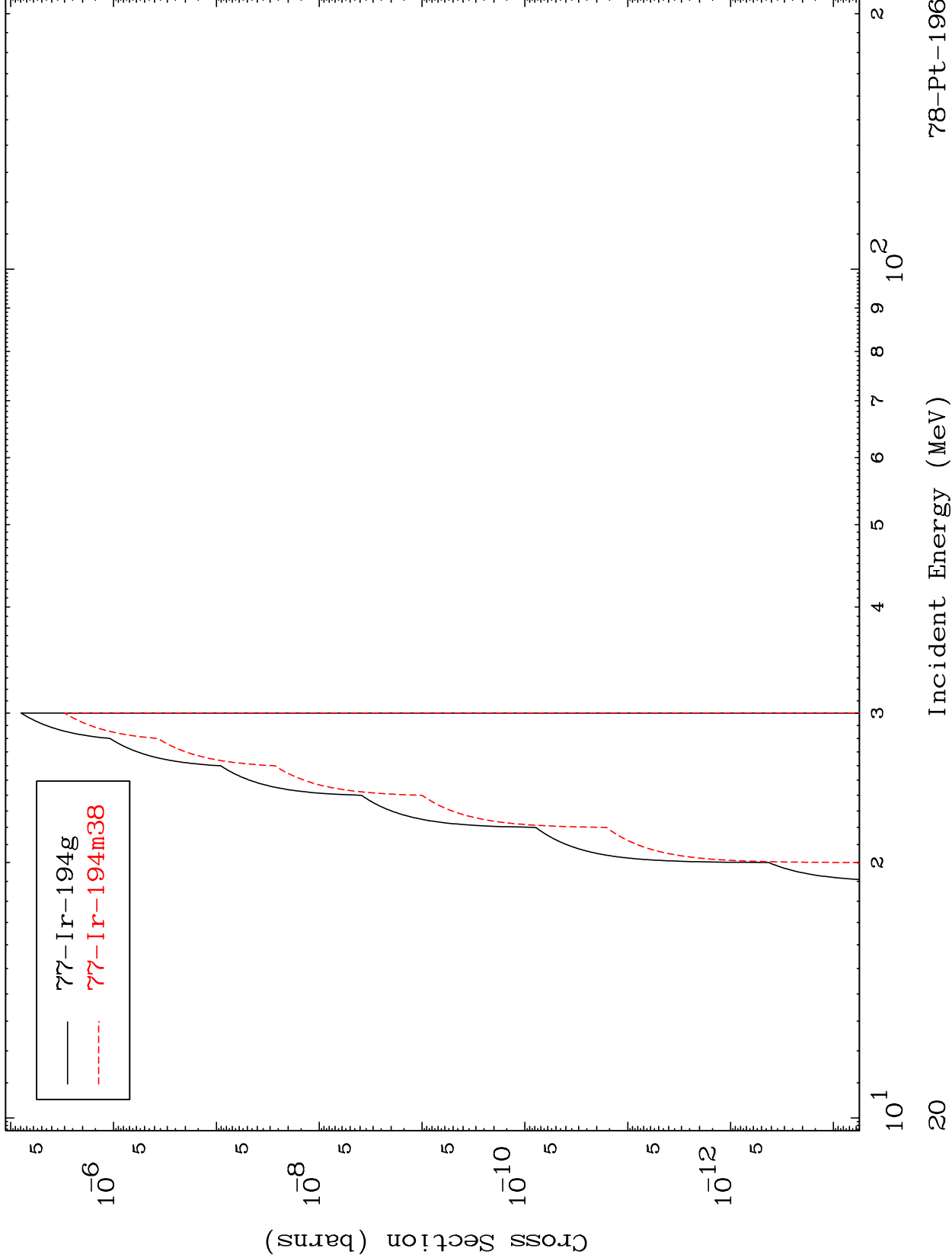
78-Pt-196

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(n,n') He-3

78-Pt-196

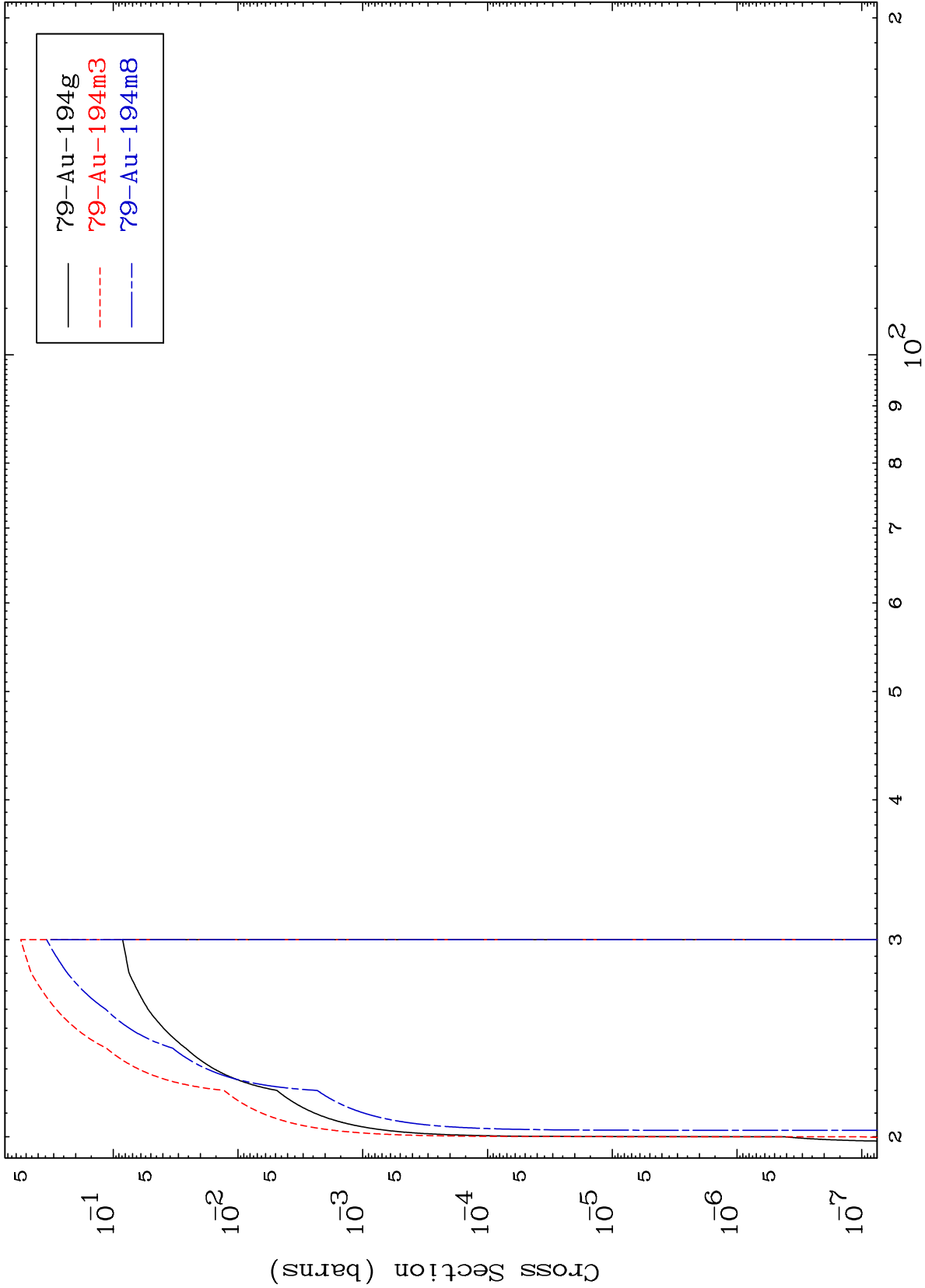
Radionuclide Production Cross Section



Incident Energy (MeV)

78-Pt-196

Radionuclide Production Cross Section

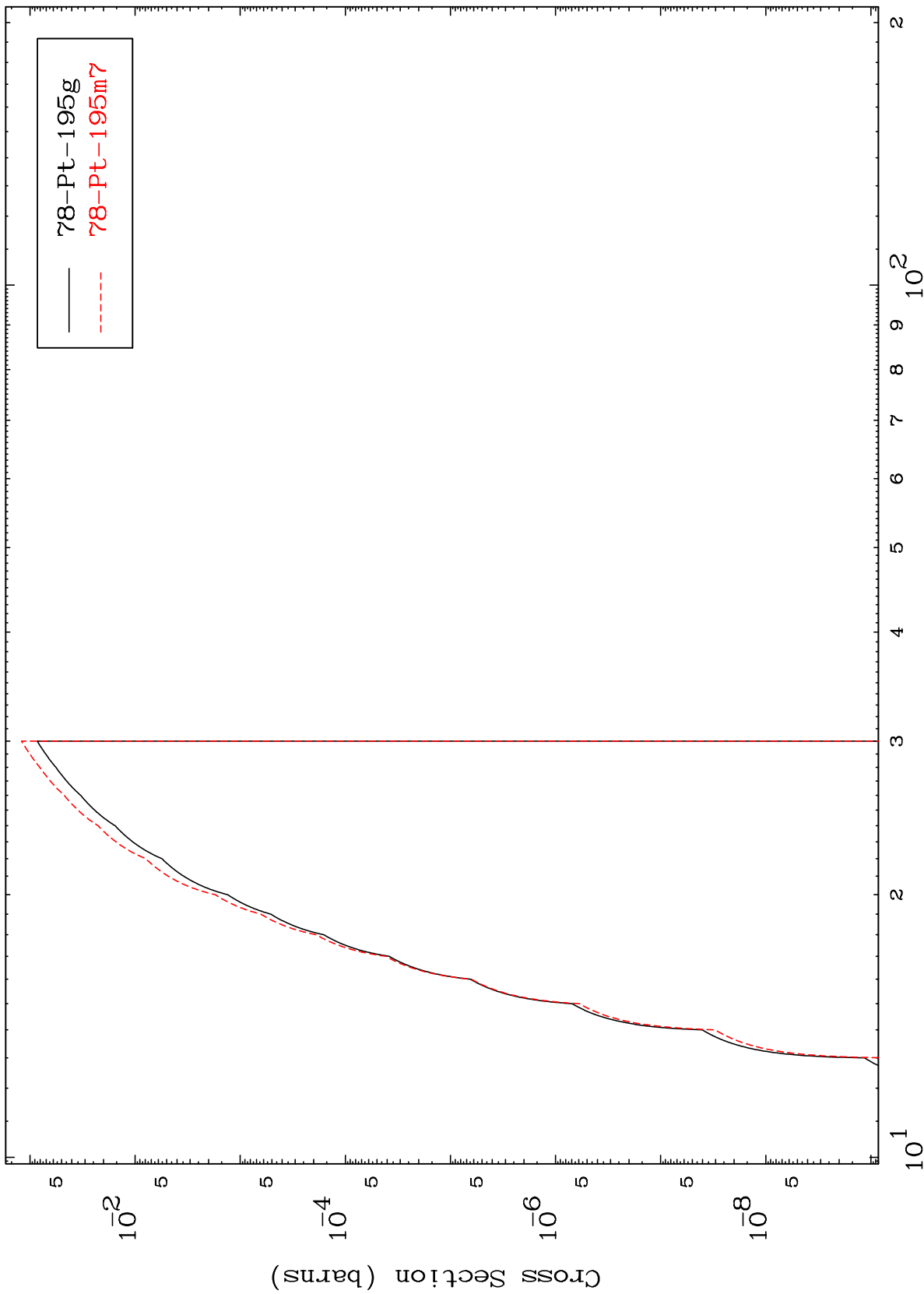


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$(n,2n)$ p

78-Pt-196

Radionuclide Production Cross Section



22

Incident Energy (MeV)

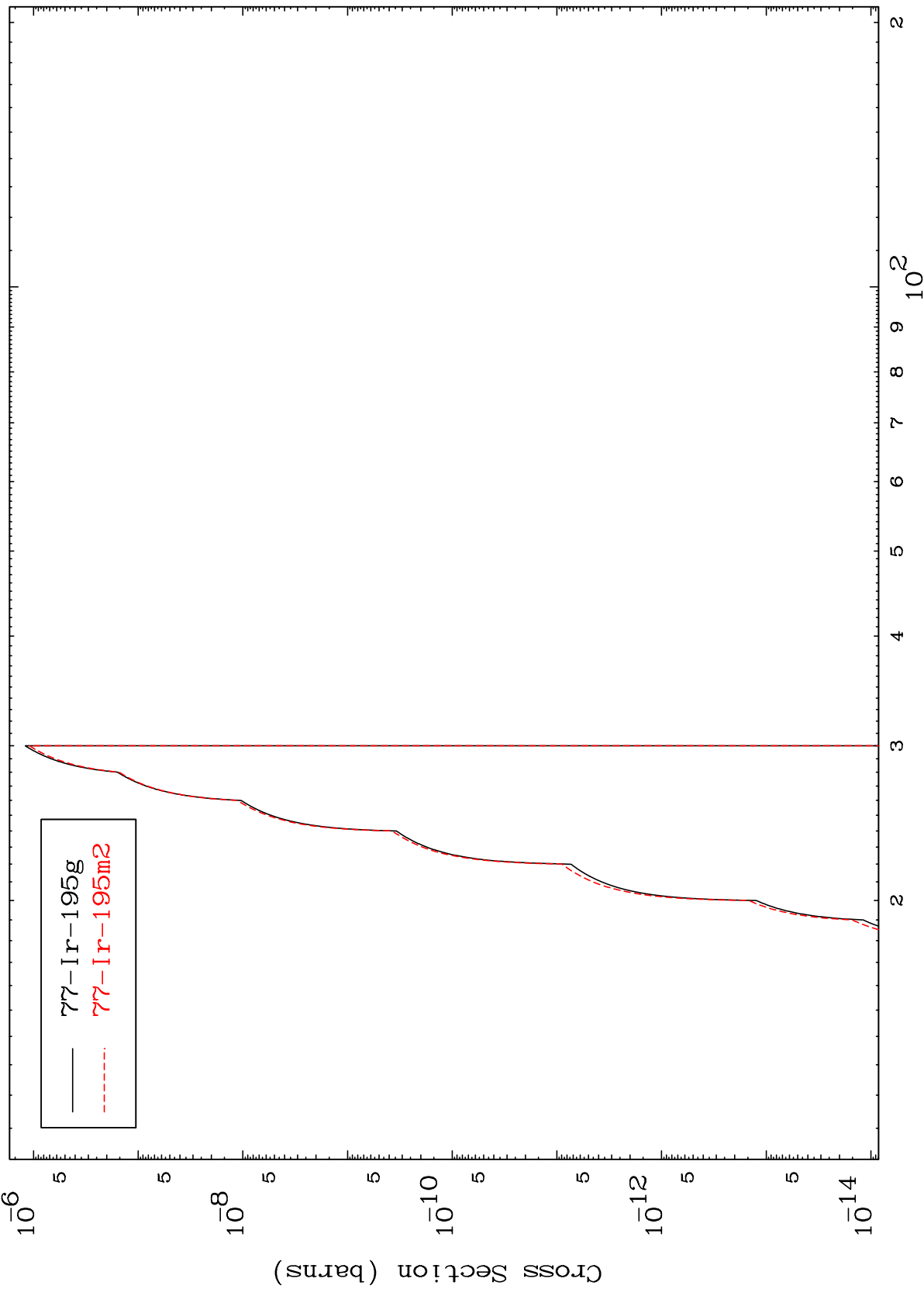
78-Pt-196

MAT 7843

(n,2n) p

78-Pt-196

Radionuclide Production Cross Section



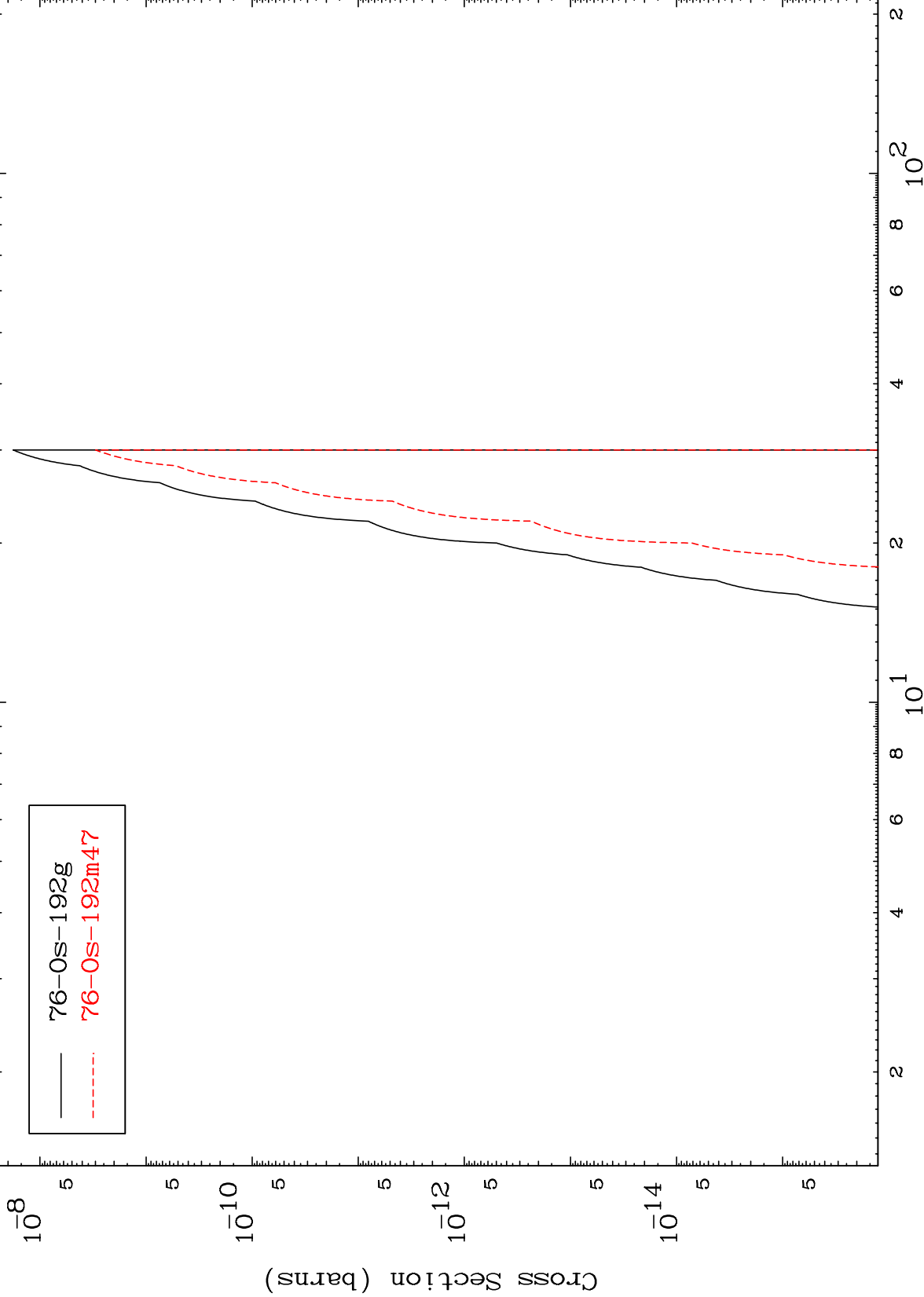
77-Ir-195g
77-Ir-195m2

MAT 7843

(n,n') p α

78-Pt-196

Radionuclide Production Cross Section



24

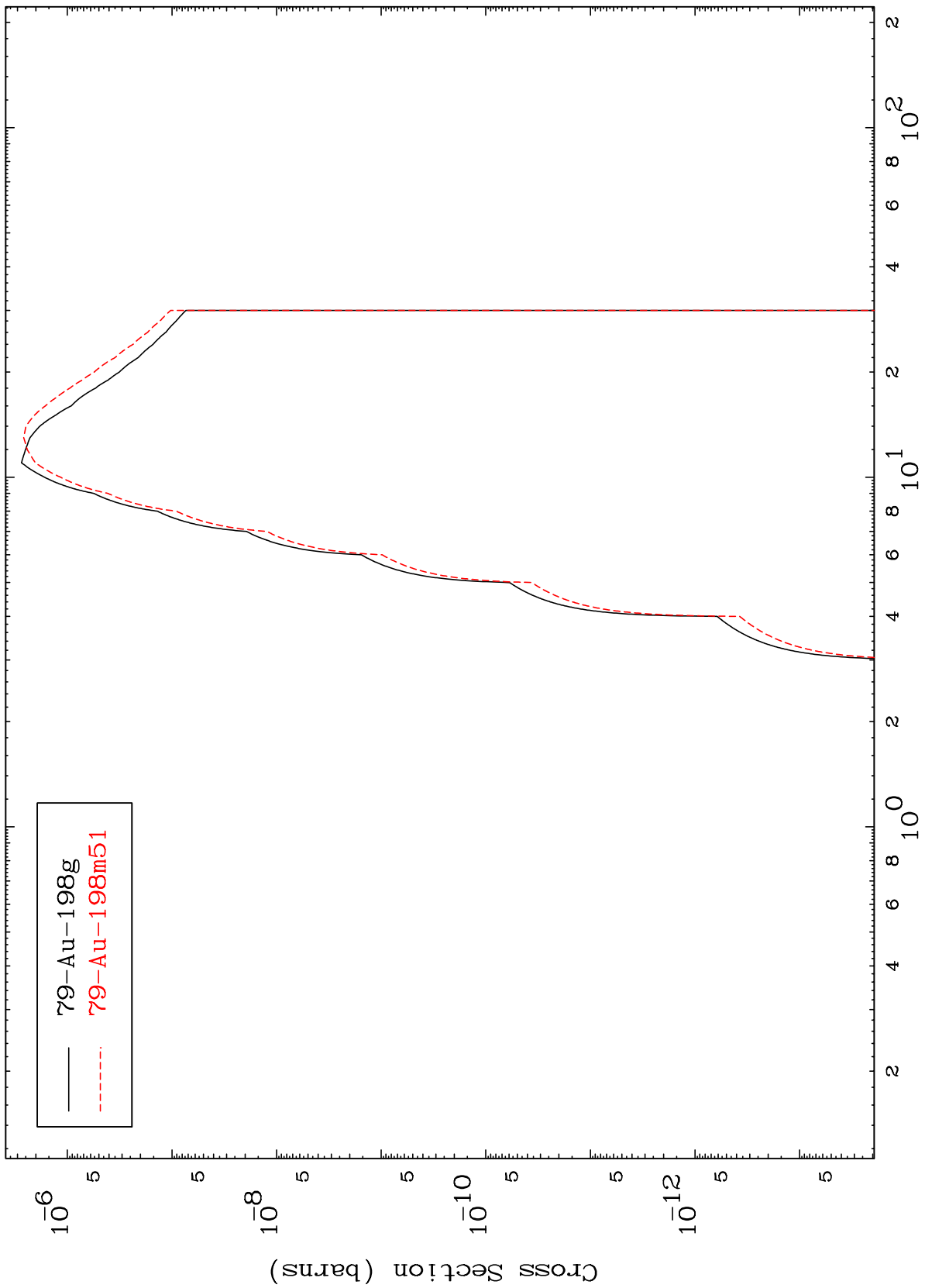
Incident Energy (MeV)

78-Pt-196

MAT 7843

78-Pt-196

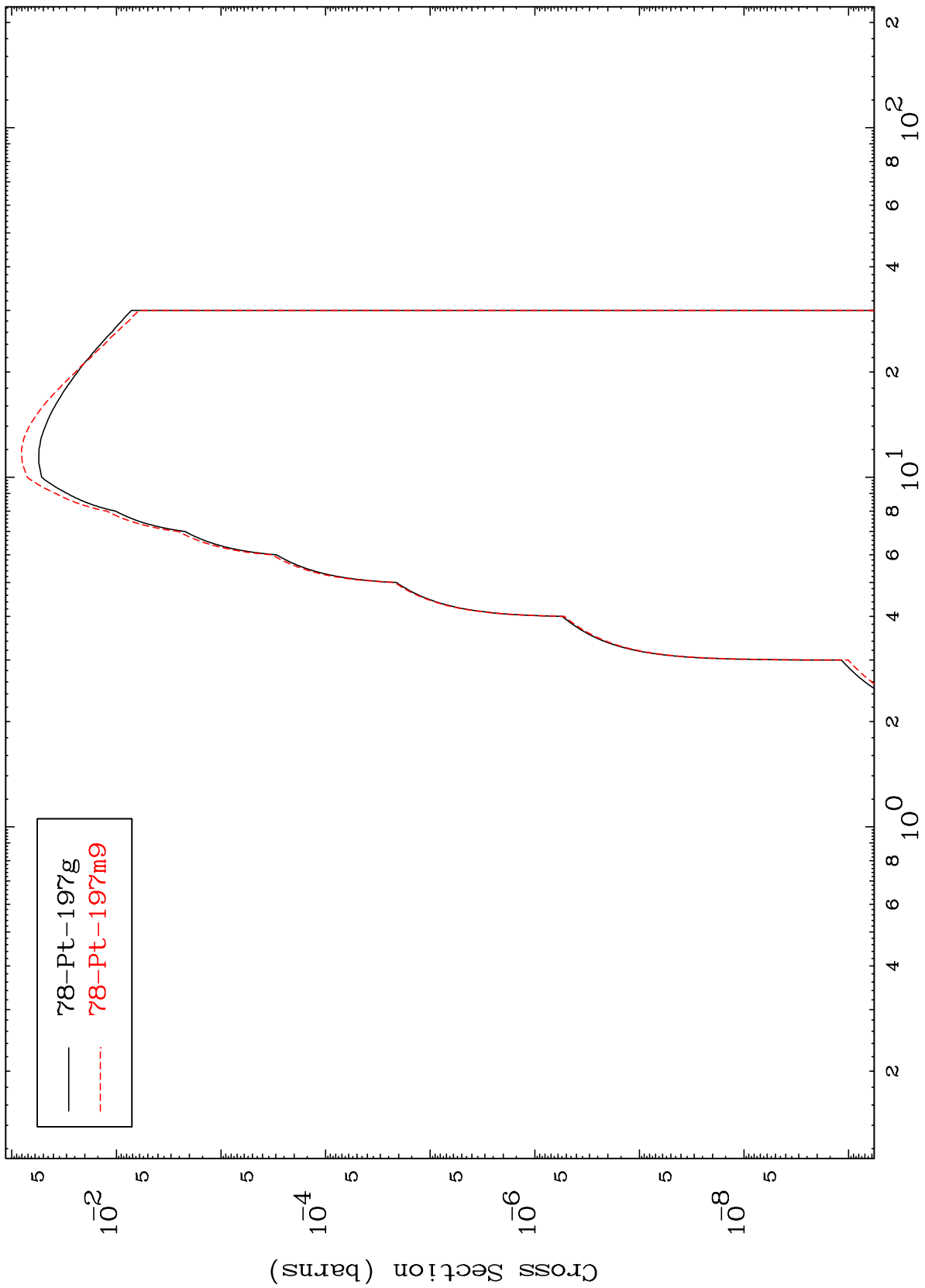
(n, γ)
Radionuclide Production Cross Section



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78-Pt-196

(n,p)
Radionuclide Production Cross Section



78-Pt-197g
78-Pt-197m9

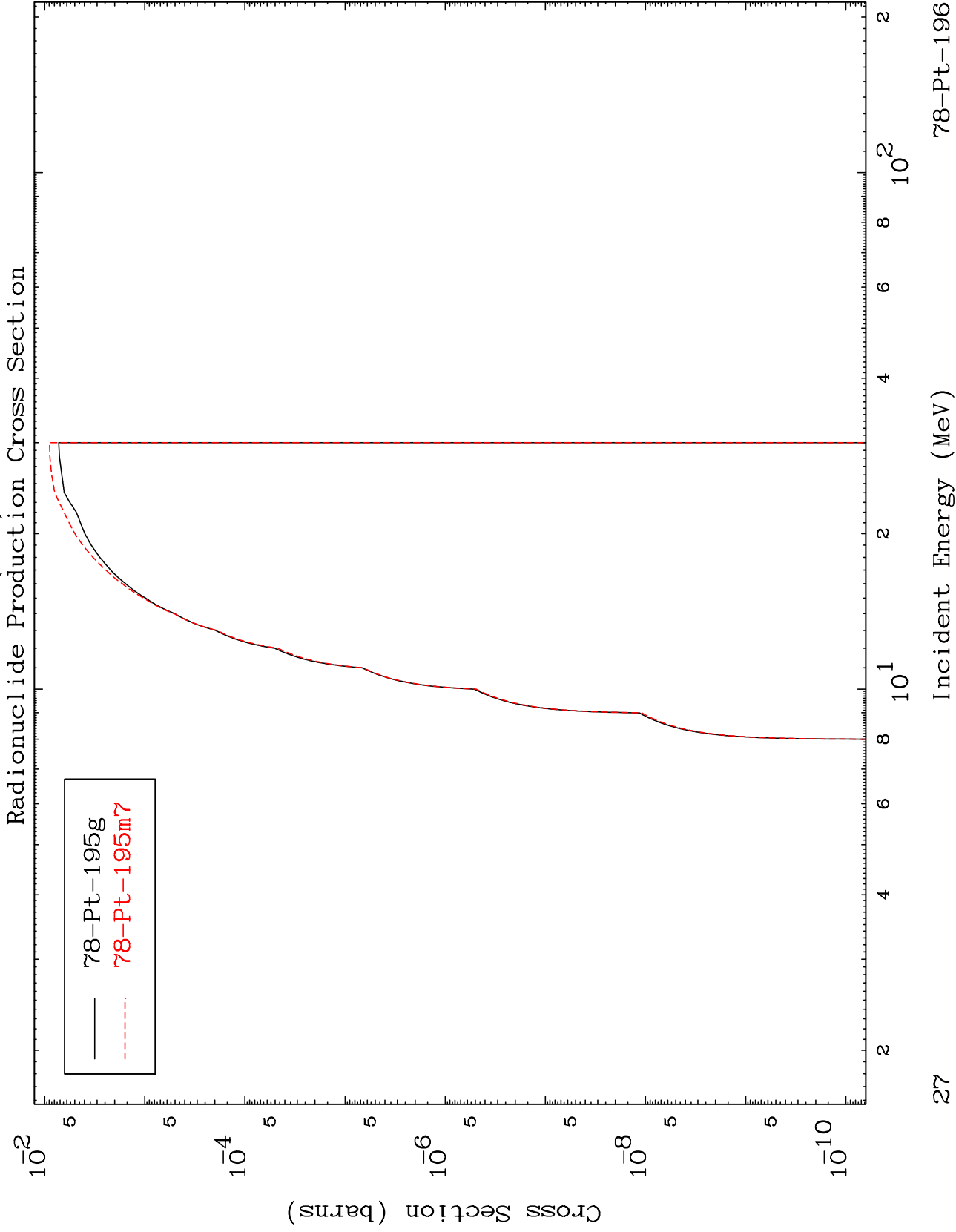
78-Pt-196

Incident Energy (MeV)

26

MAT 7843

78-Pt-196

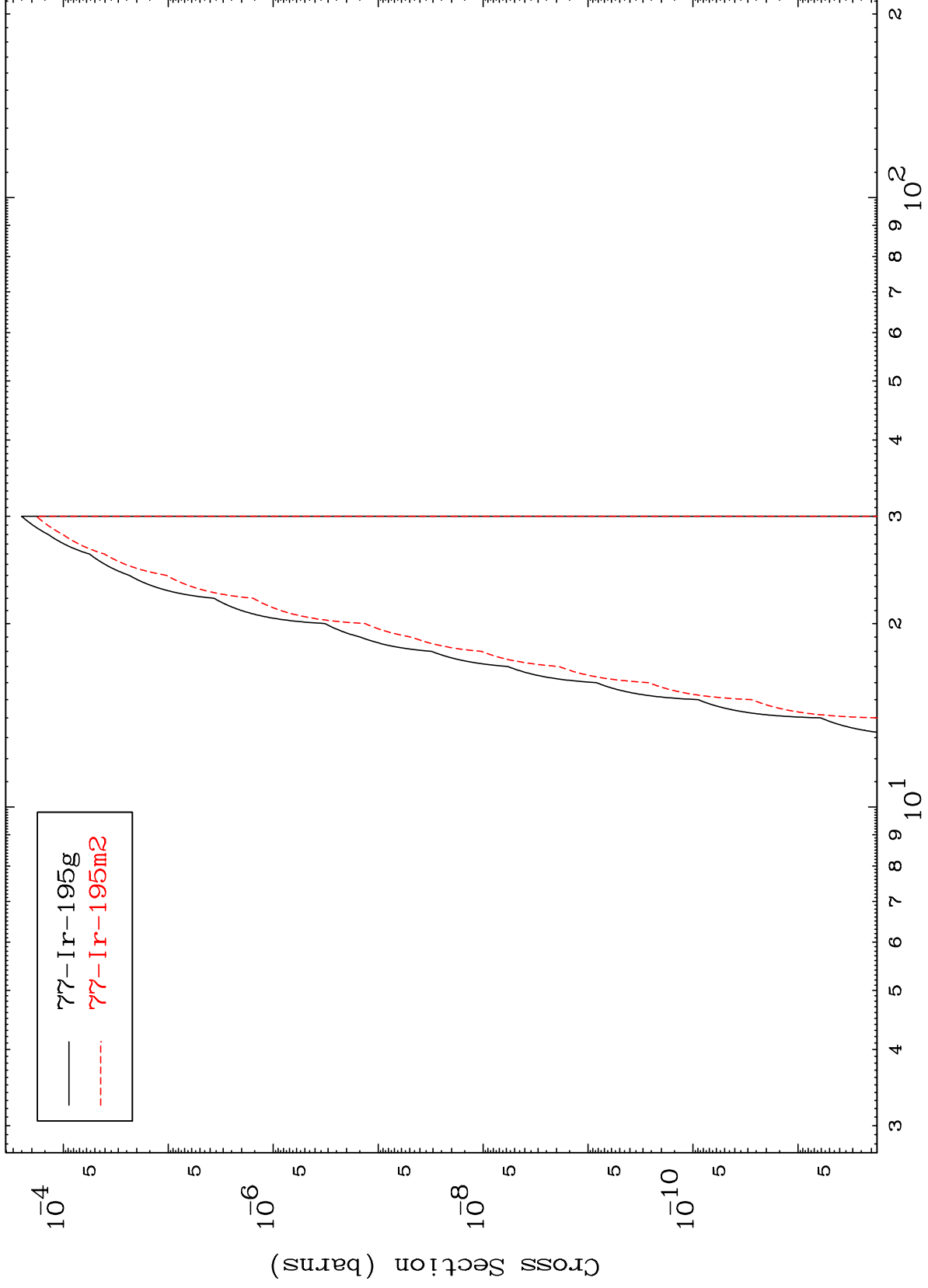


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(n,He-3)

78-Pt-196

Radionuclide Production Cross Section



28

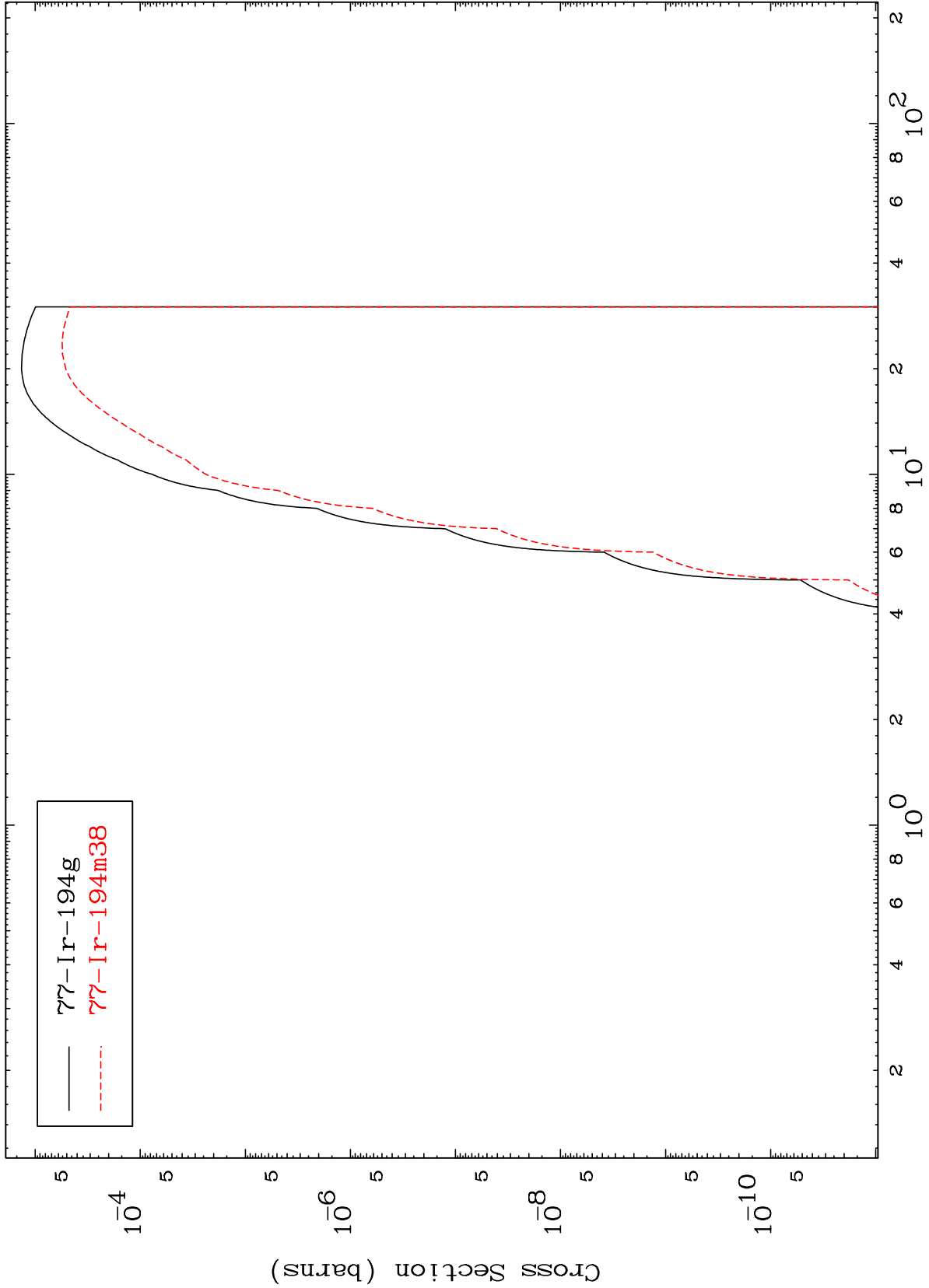
Incident Energy (MeV)

78-Pt-196

MAT 7843

78-Pt-196

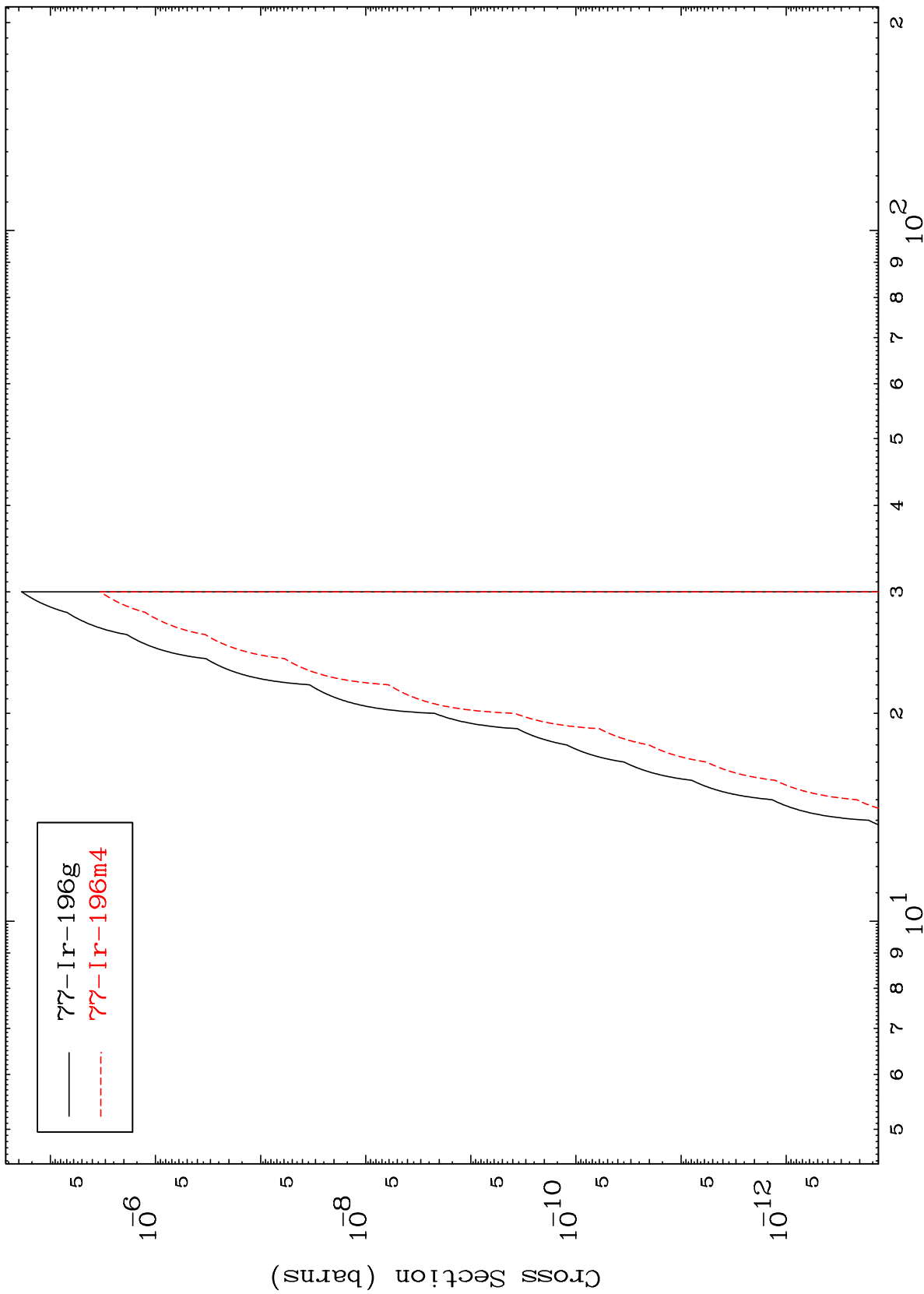
(n, α)
Radionuclide Production Cross Section



MAT 7843

78-Pt-196

(n,2p)
Radionuclide Production Cross Section



— $^{77}\text{Ir-196g}$
- - - $^{77}\text{Ir-196m4}$

30

Incident Energy (MeV)

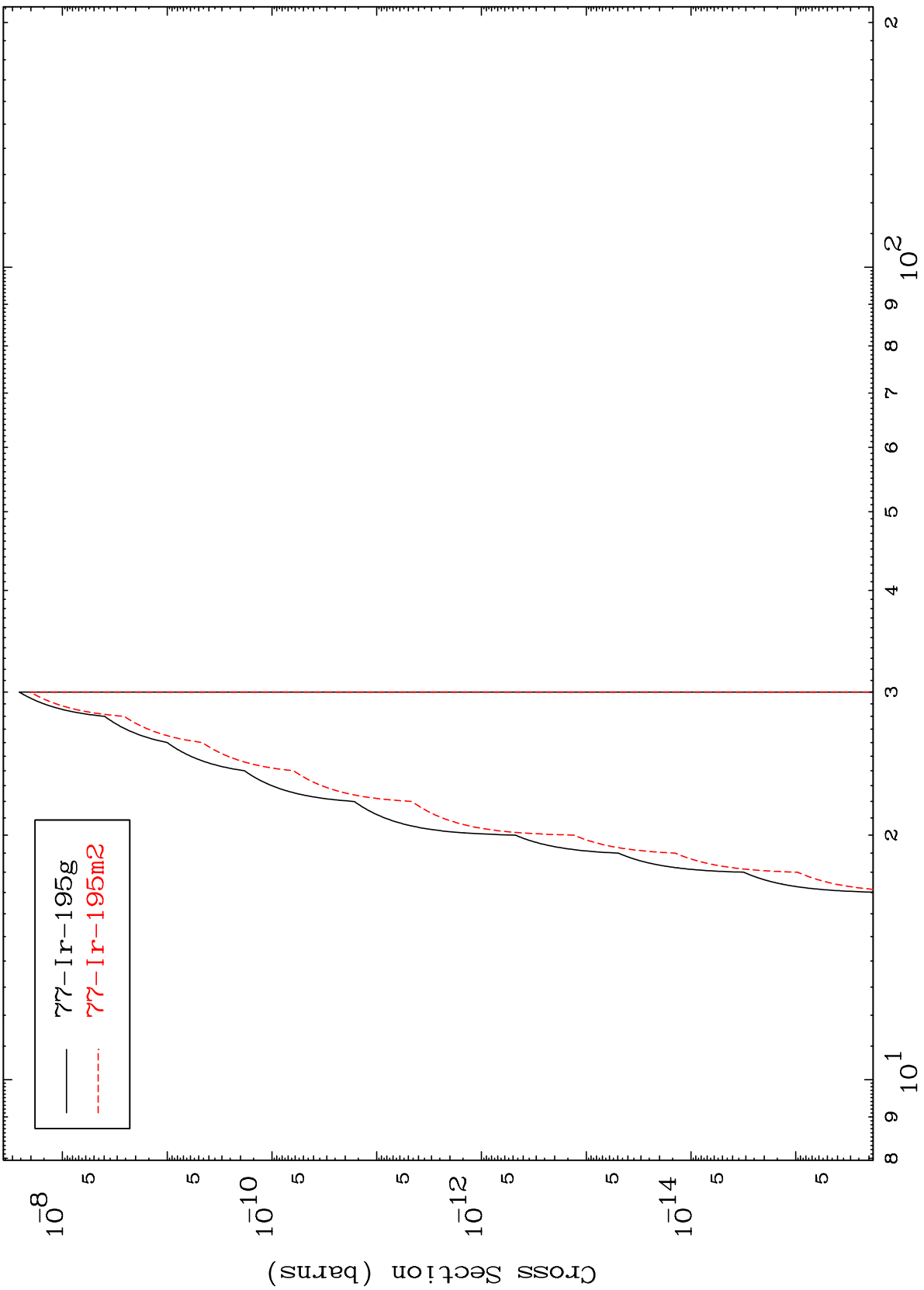
78-Pt-196

MAT 7843

(n,p) d

78-Pt-196

Radionuclide Production Cross Section

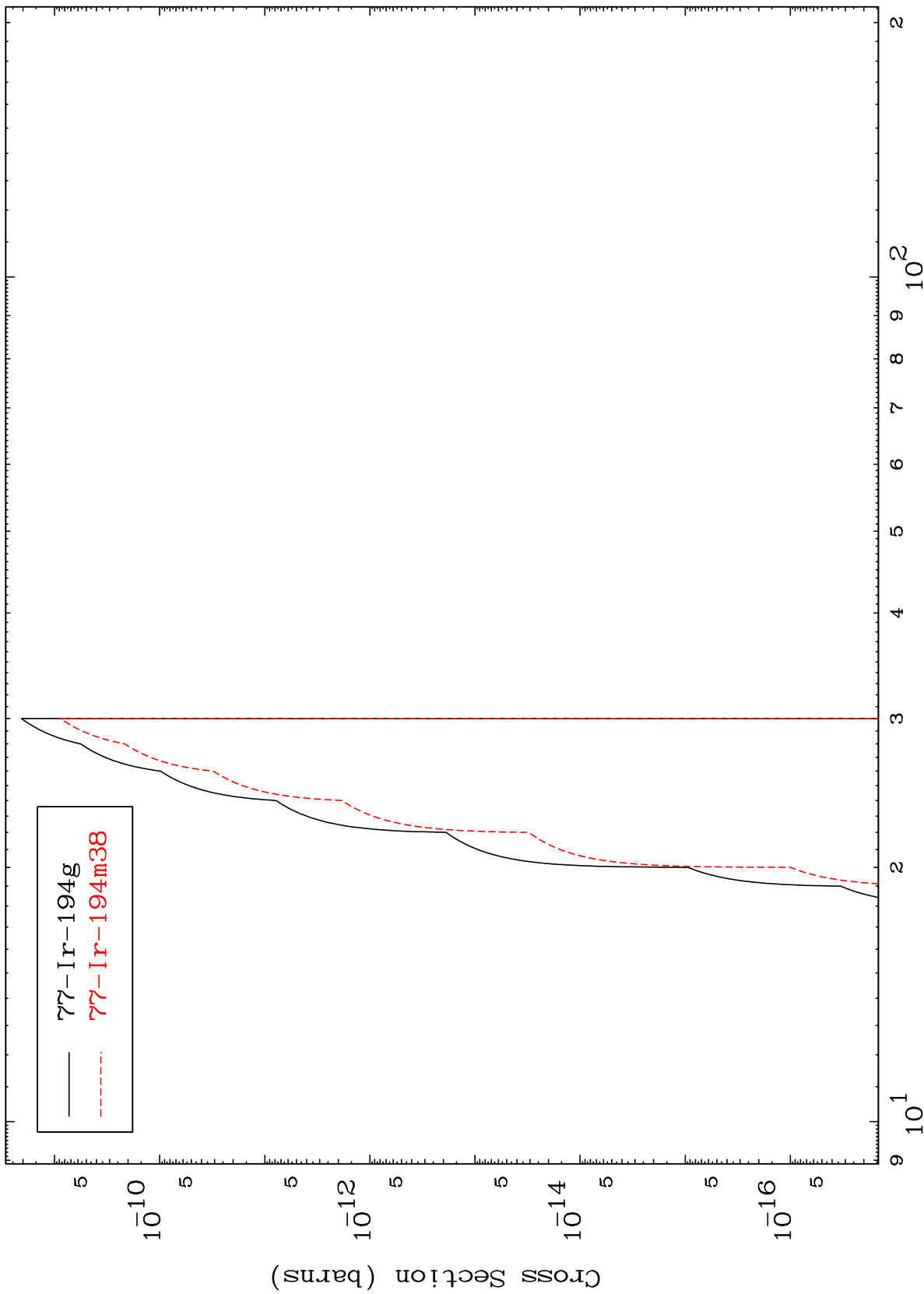


MAT 7843

(n,p) t

78-Pt-196

Radionuclide Production Cross Section



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

Incident Energy (MeV)

78-Pt-196

32

MAT 7843

(n,d) α

78-Pt-196

Radionuclide Production Cross Section

