

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

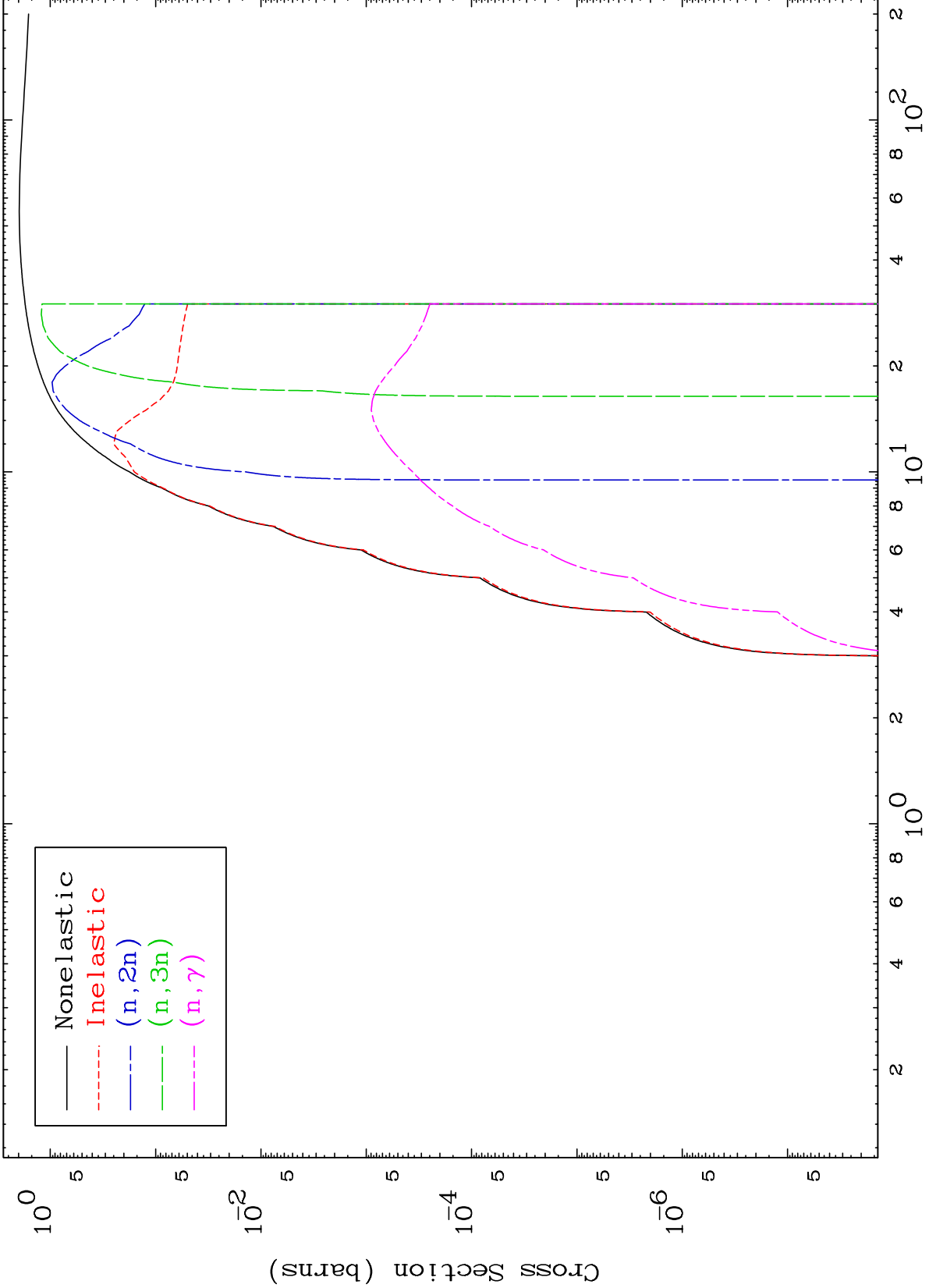
Press Mouse Button to Start

MAT 7840

Proton Major

78-Pt-195

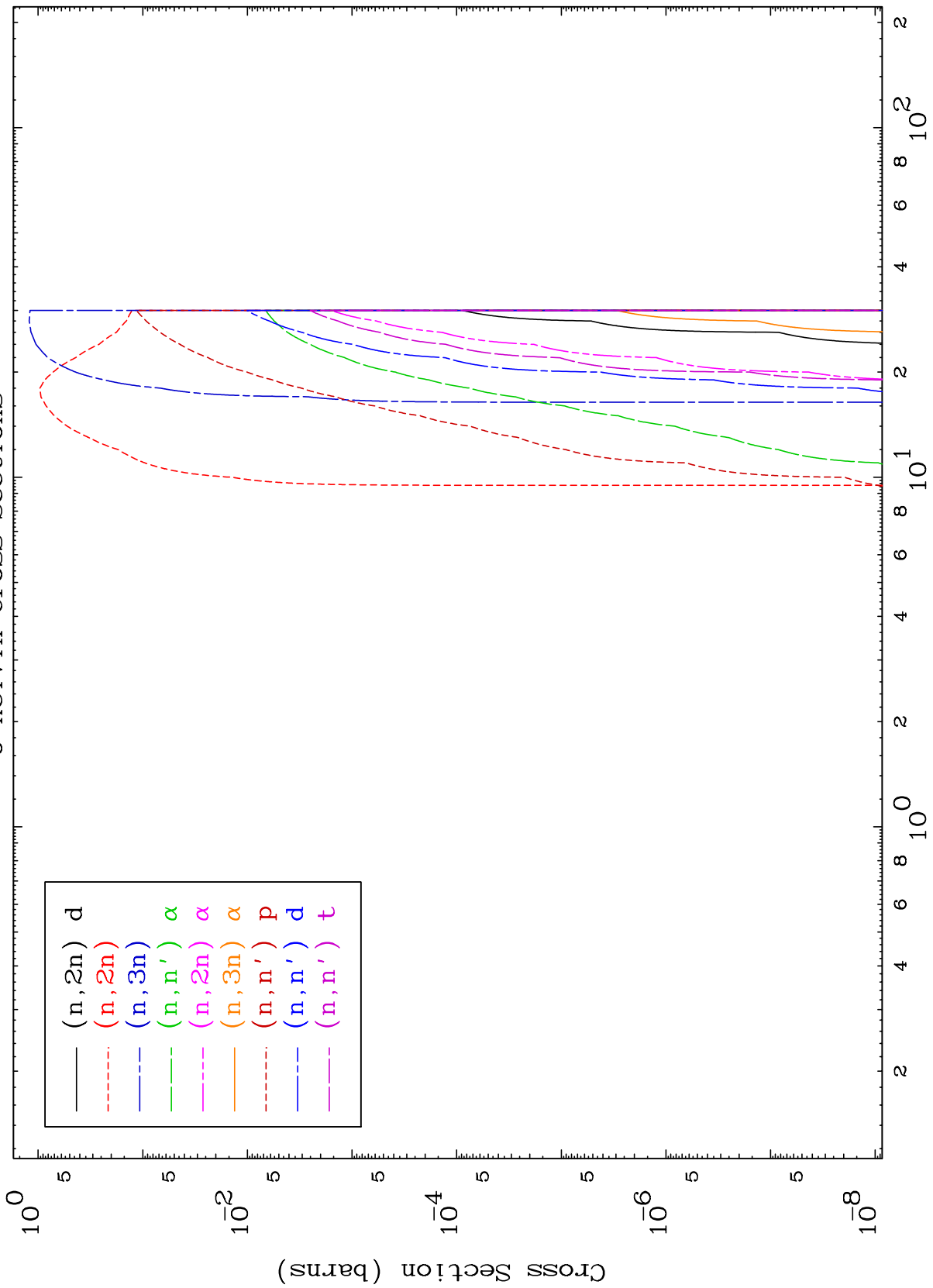
0 Kelvin Cross Sections



MAT 7840

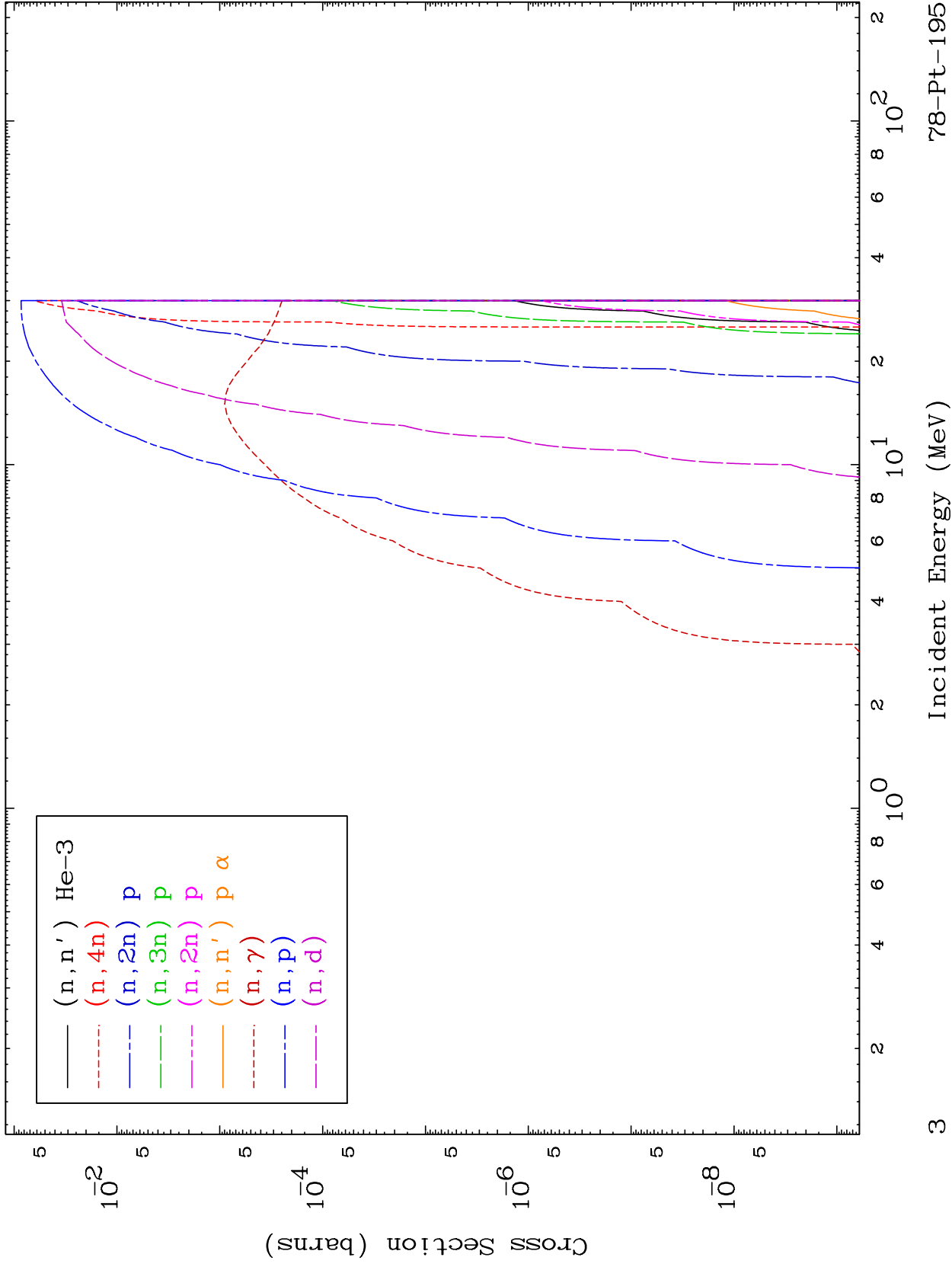
Proton Neutron Absorption
0 Kelvin Cross Sections

78-Pt-195



78-Pt-195

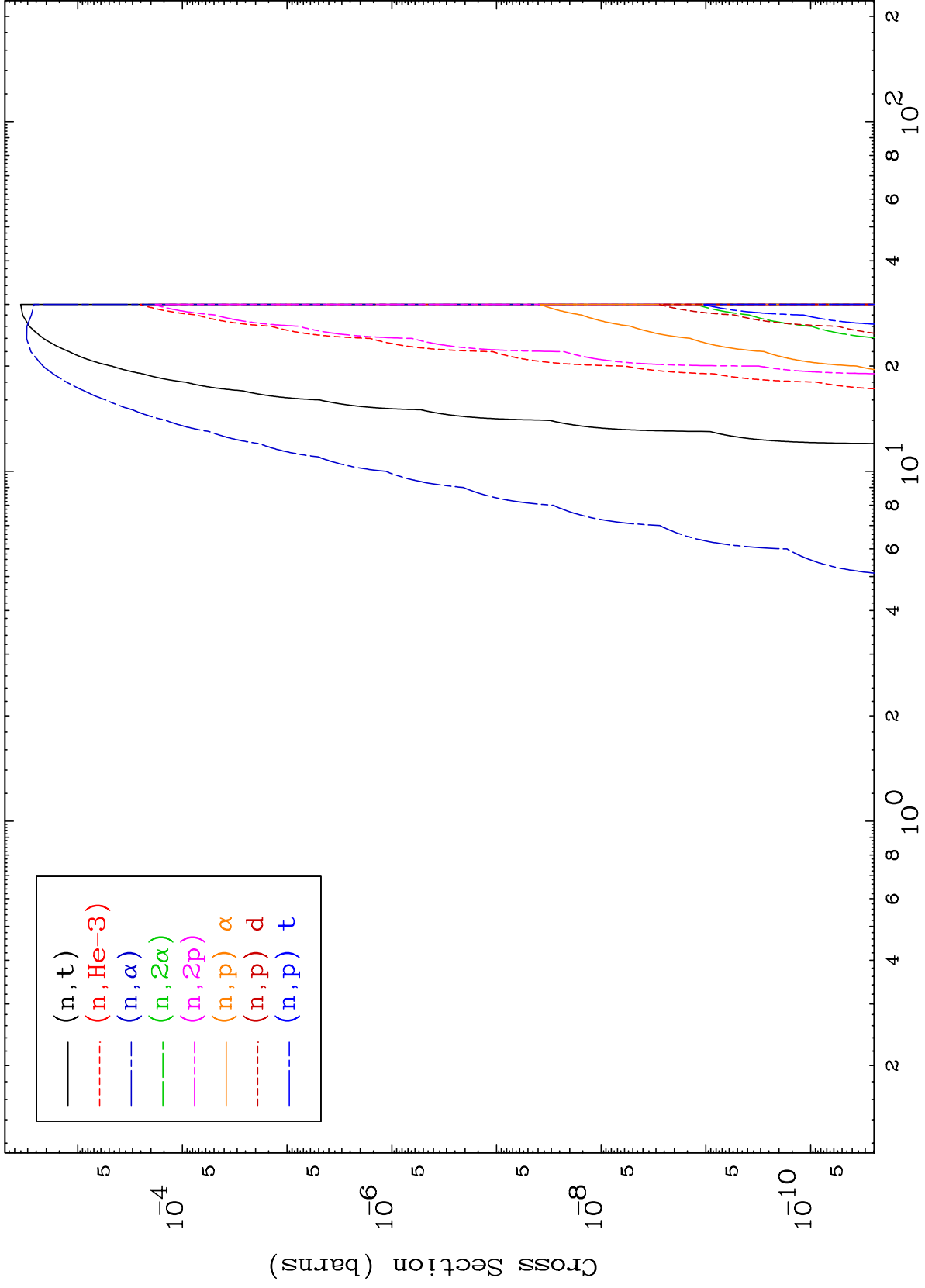
Incident Energy (MeV)



MAT 7840

Proton Neutron Absorption
0 Kelvin Cross Sections

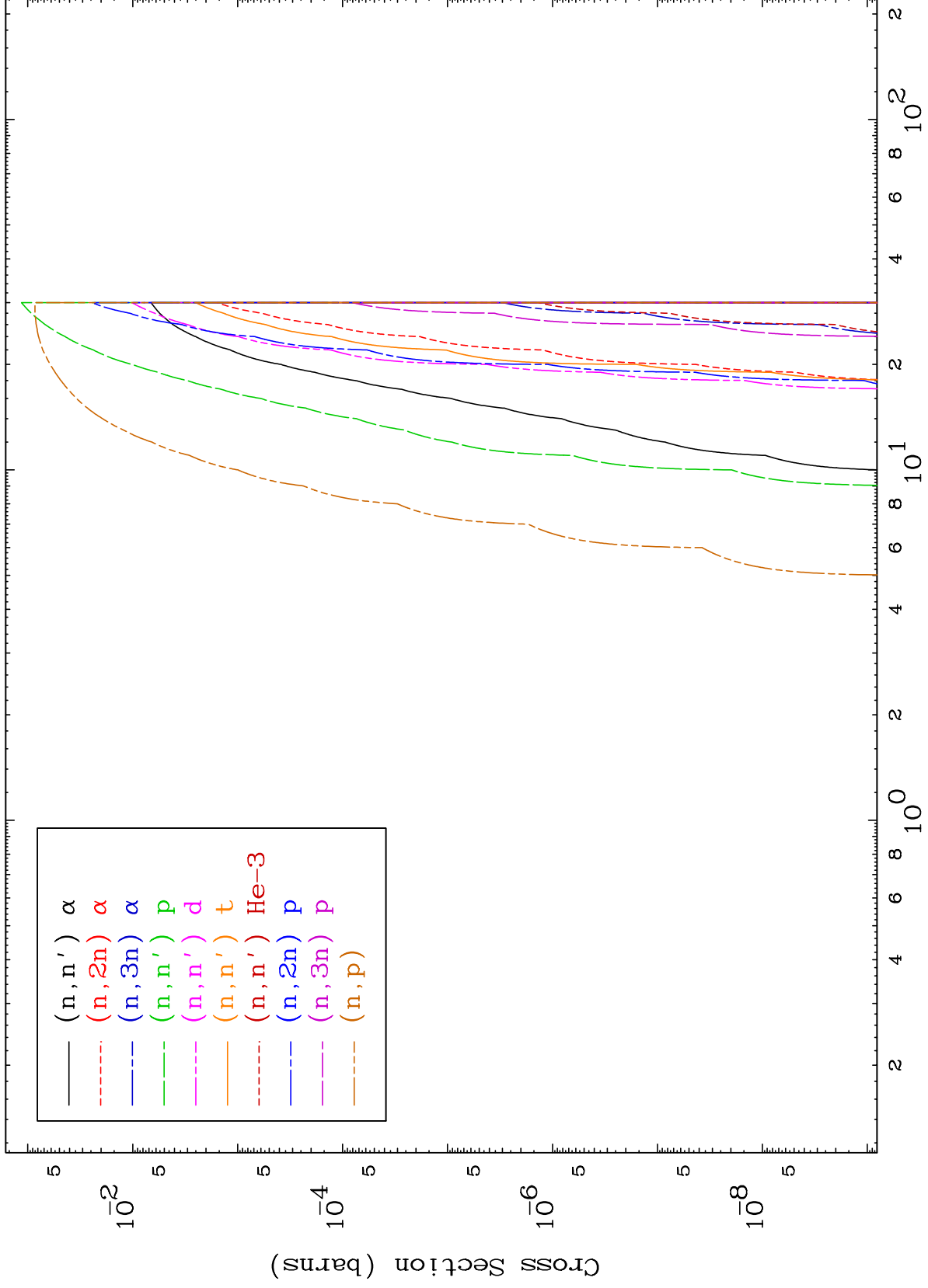
78-Pt-195



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Proton Charged Particle
0 Kelvin Cross Sections

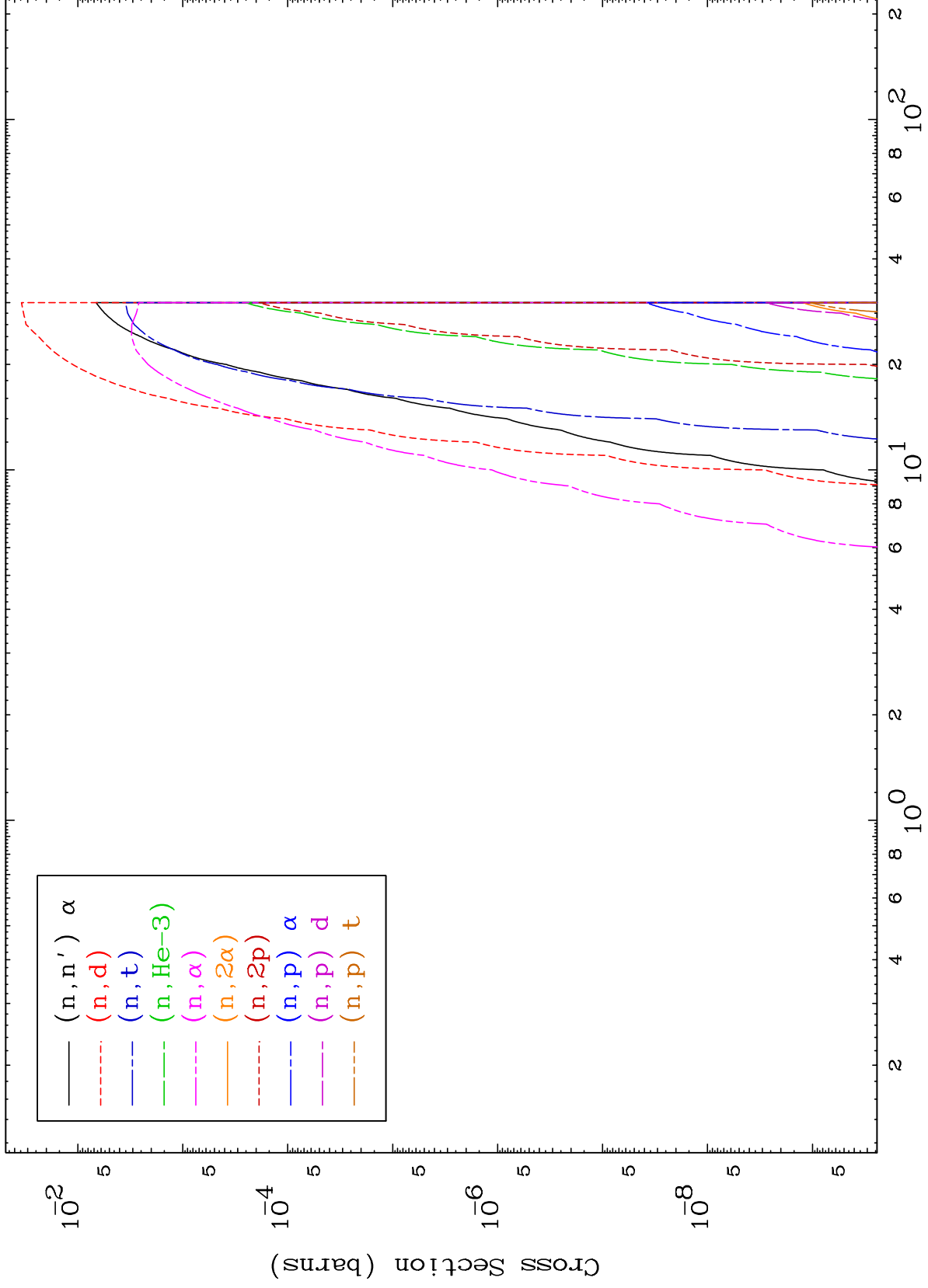
78-Pt-195



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Proton Charged Particle
0 Kelvin Cross Sections

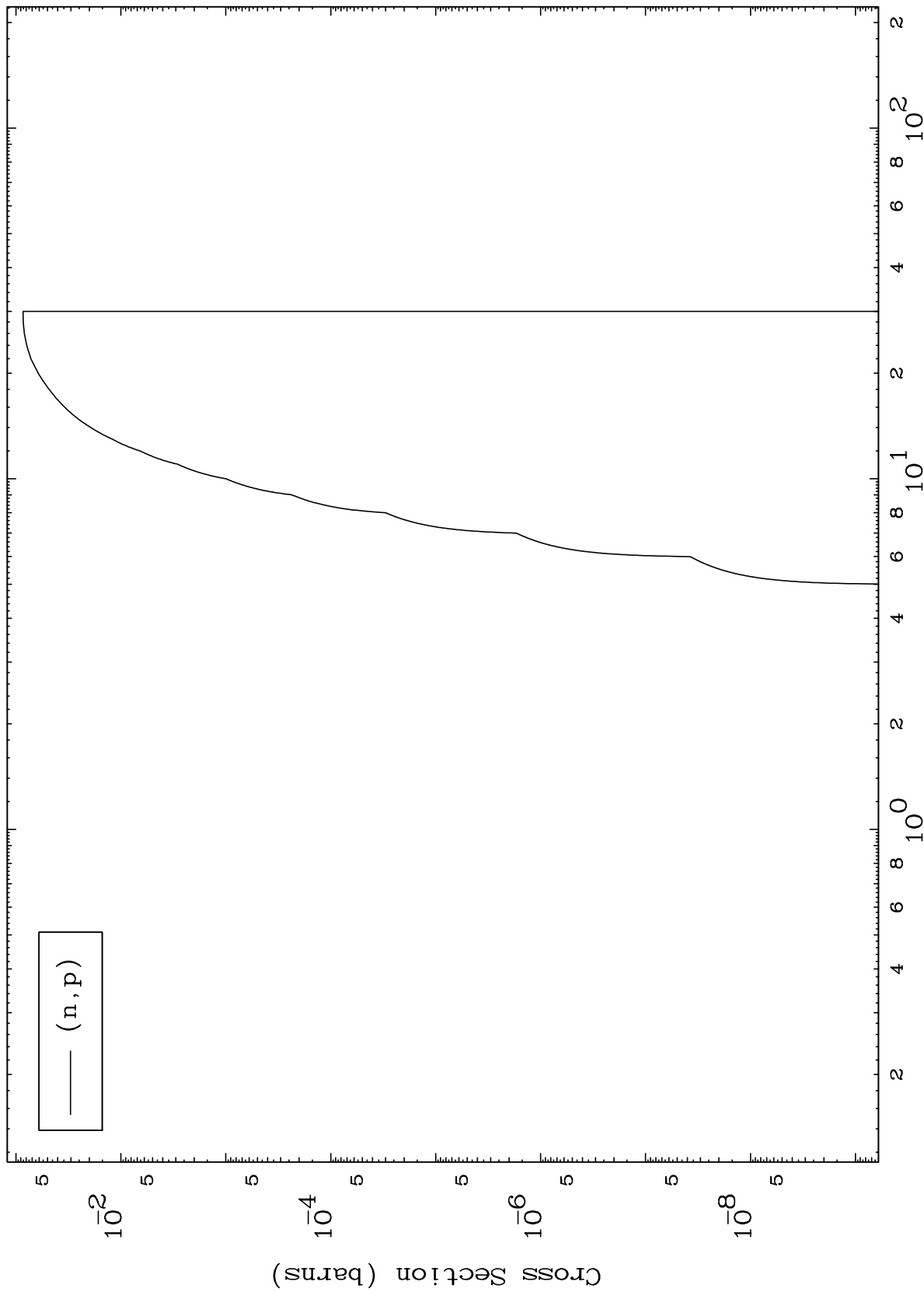
78-Pt-195



MAT 7840

78-Pt-195

(p,p) Levels
0 Kelvin Cross Sections



7

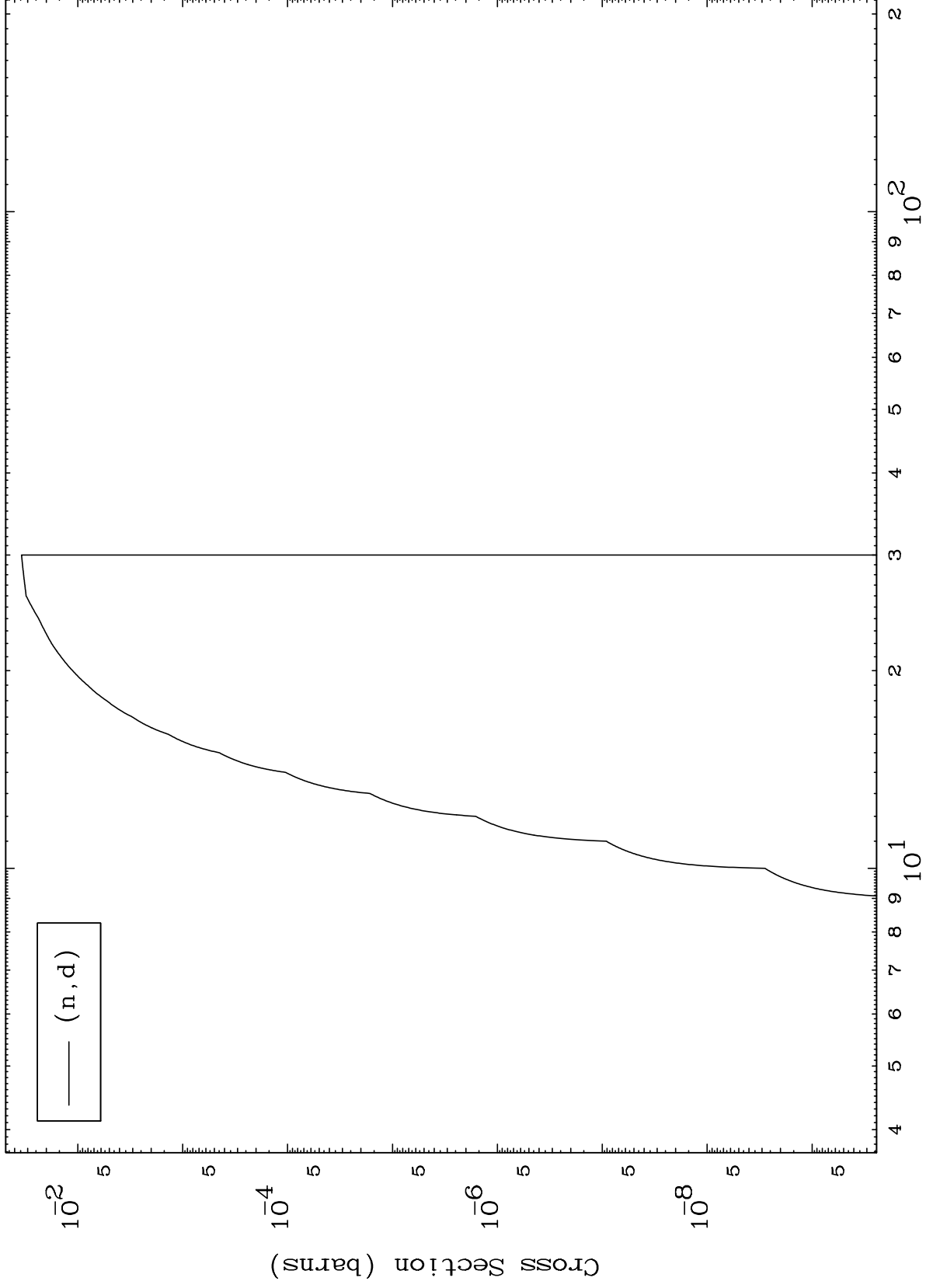
78-Pt-195

Incident Energy (MeV)

MAT 7840

(p,d) Levels
0 Kelvin Cross Sections

78-Pt-195



8

Incident Energy (MeV)

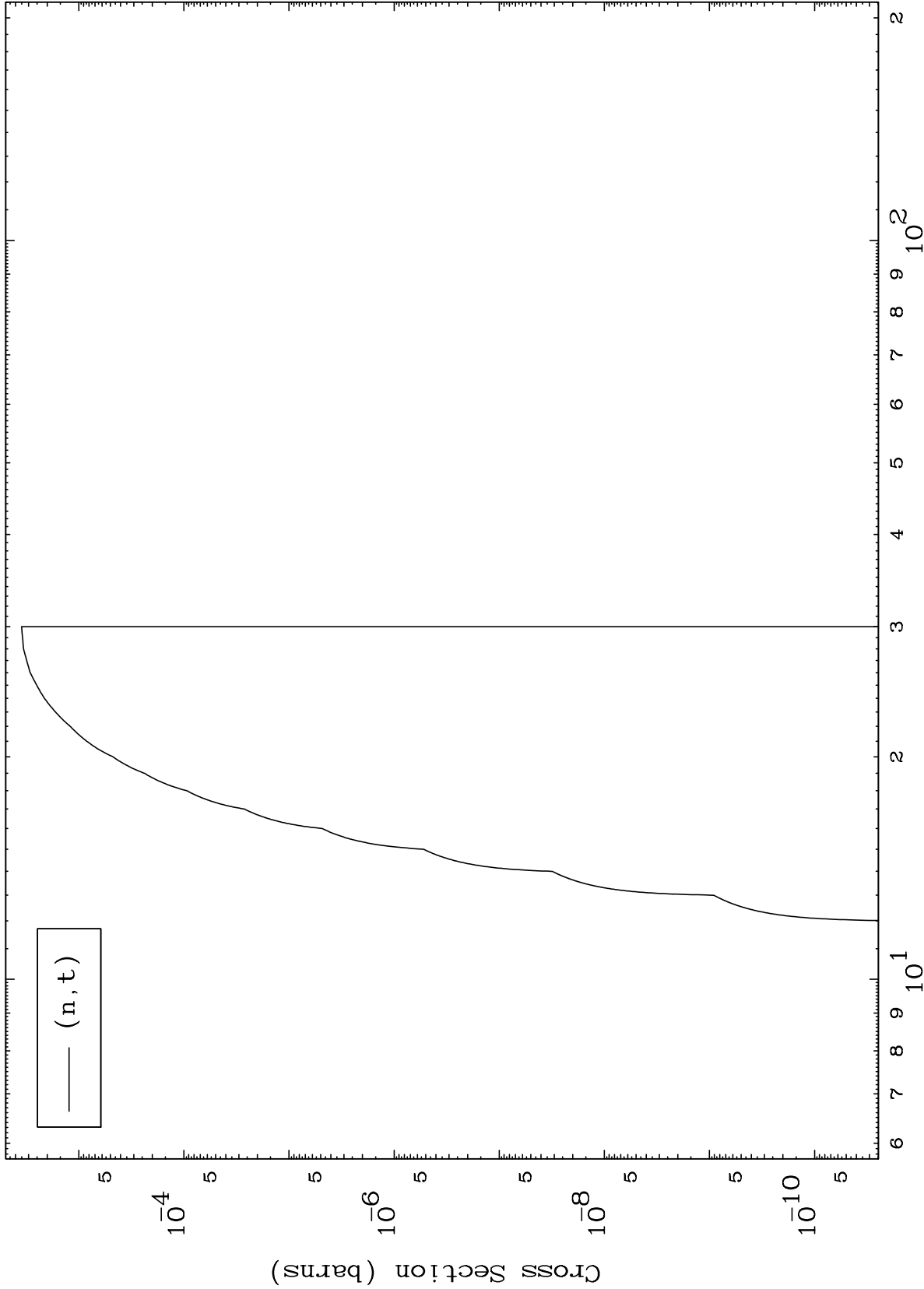
78-Pt-195

MAT 7840

(p,t) Levels

78-Pt-195

0 Kelvin Cross Sections



9

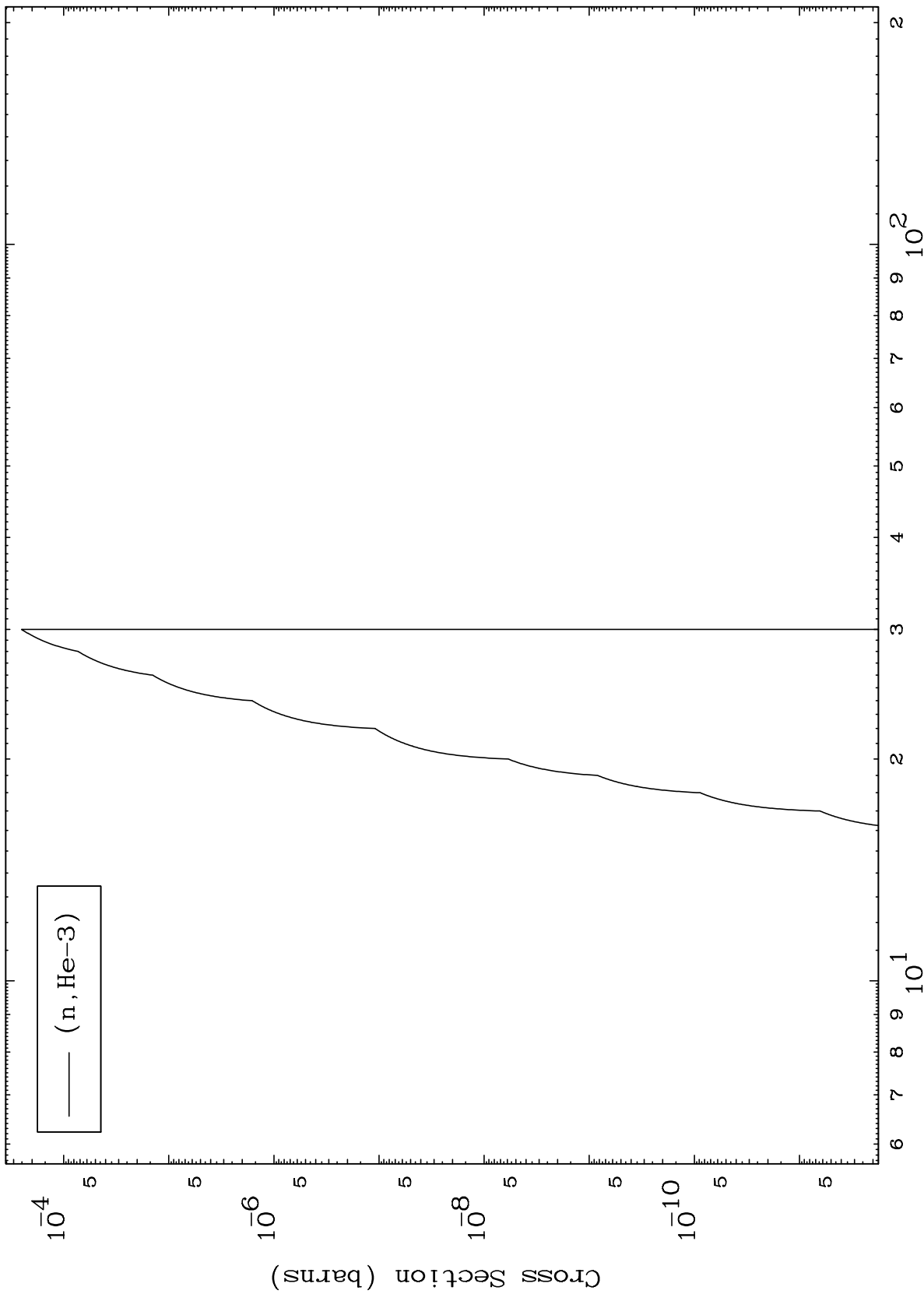
Incident Energy (MeV)

78-Pt-195

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(p,He3) Levels
0 Kelvin Cross Sections

78-Pt-195



10

Incident Energy (MeV)

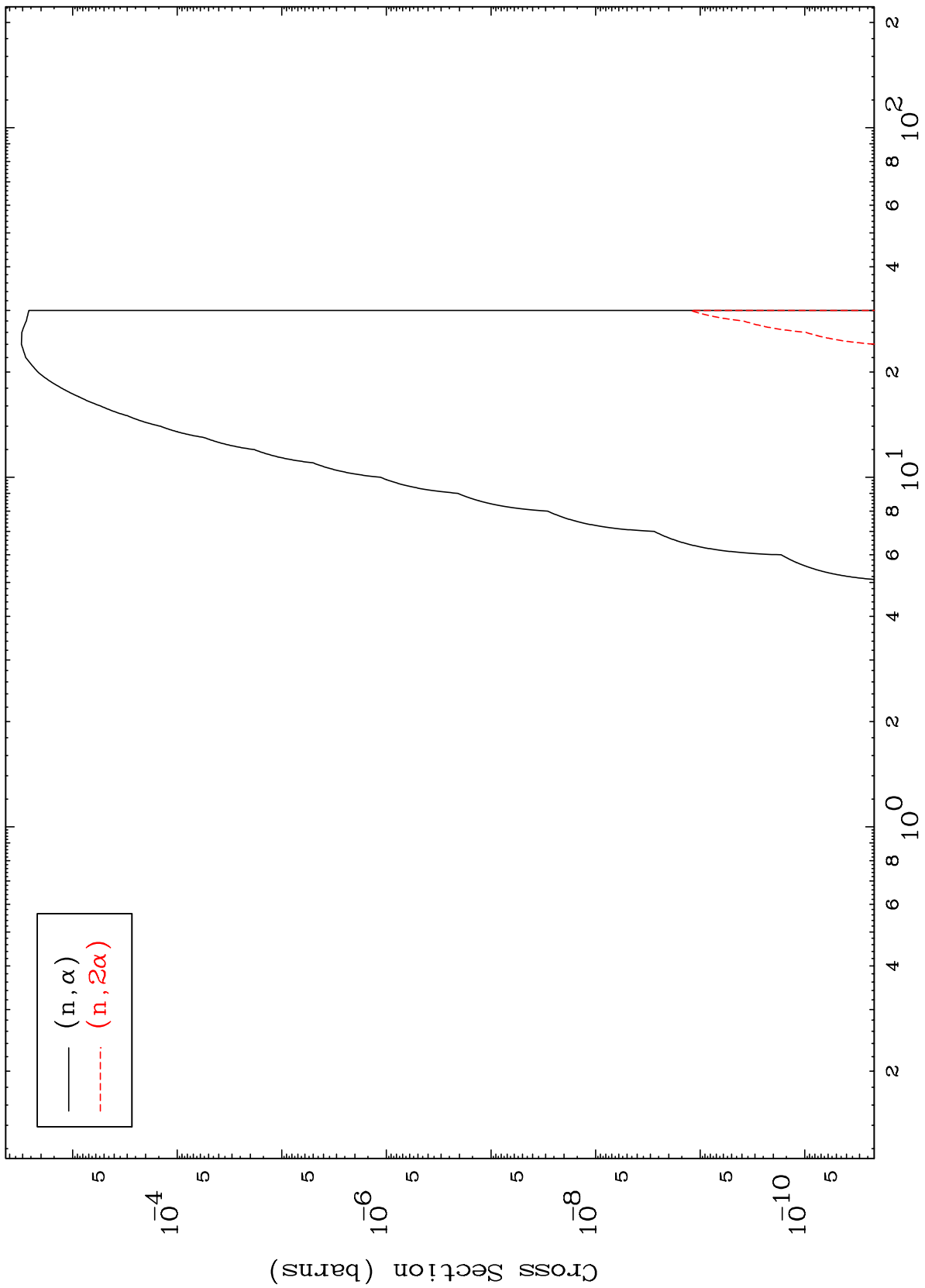
78-Pt-195

MAT 7840

(p, α) Levels

78-Pt-195

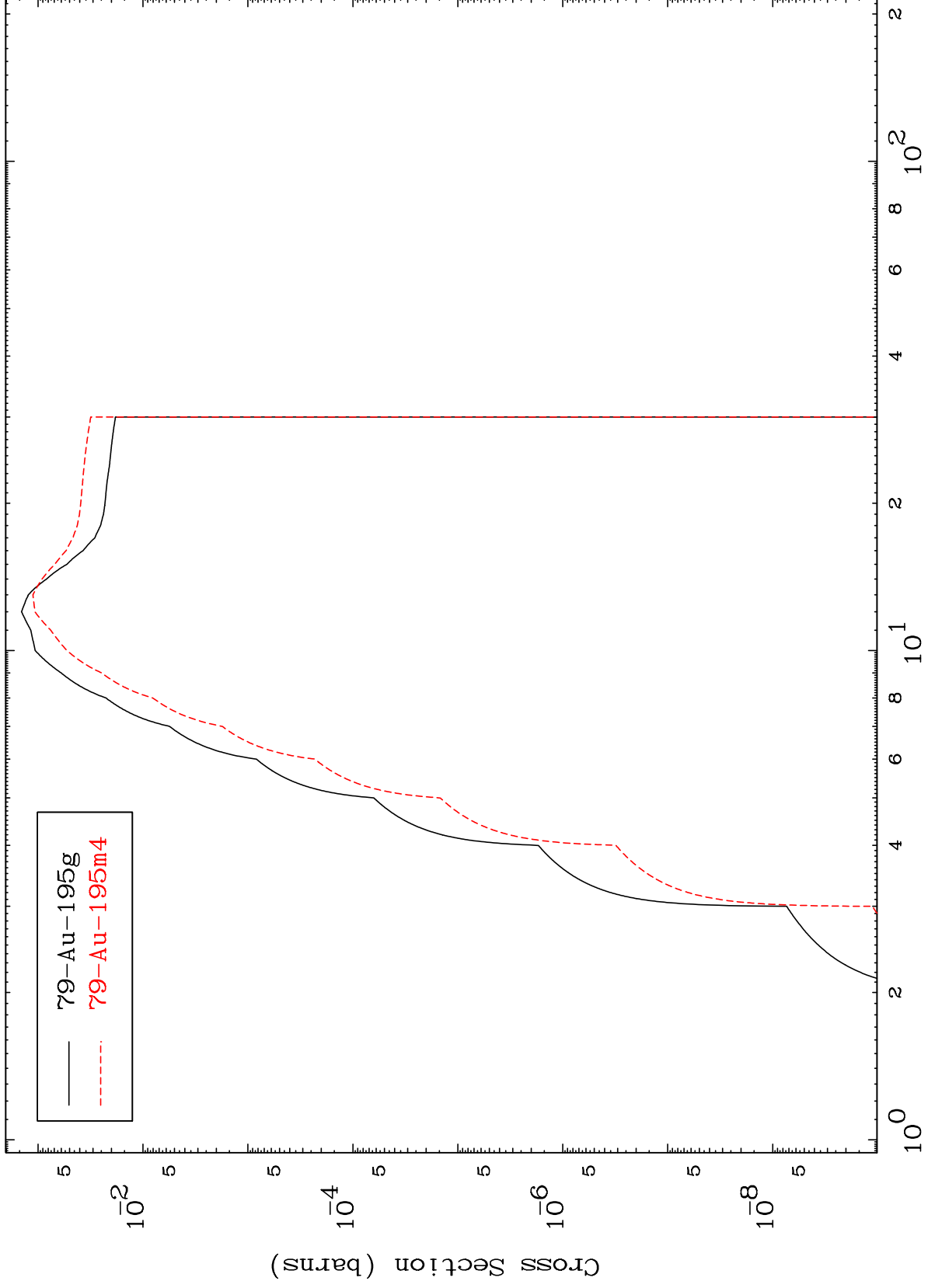
0 Kelvin Cross Sections



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Inelastic
Radionuclide Production Cross Section

78-Pt-195



— 79-Au-195g
- - - 79-Au-195m4

12

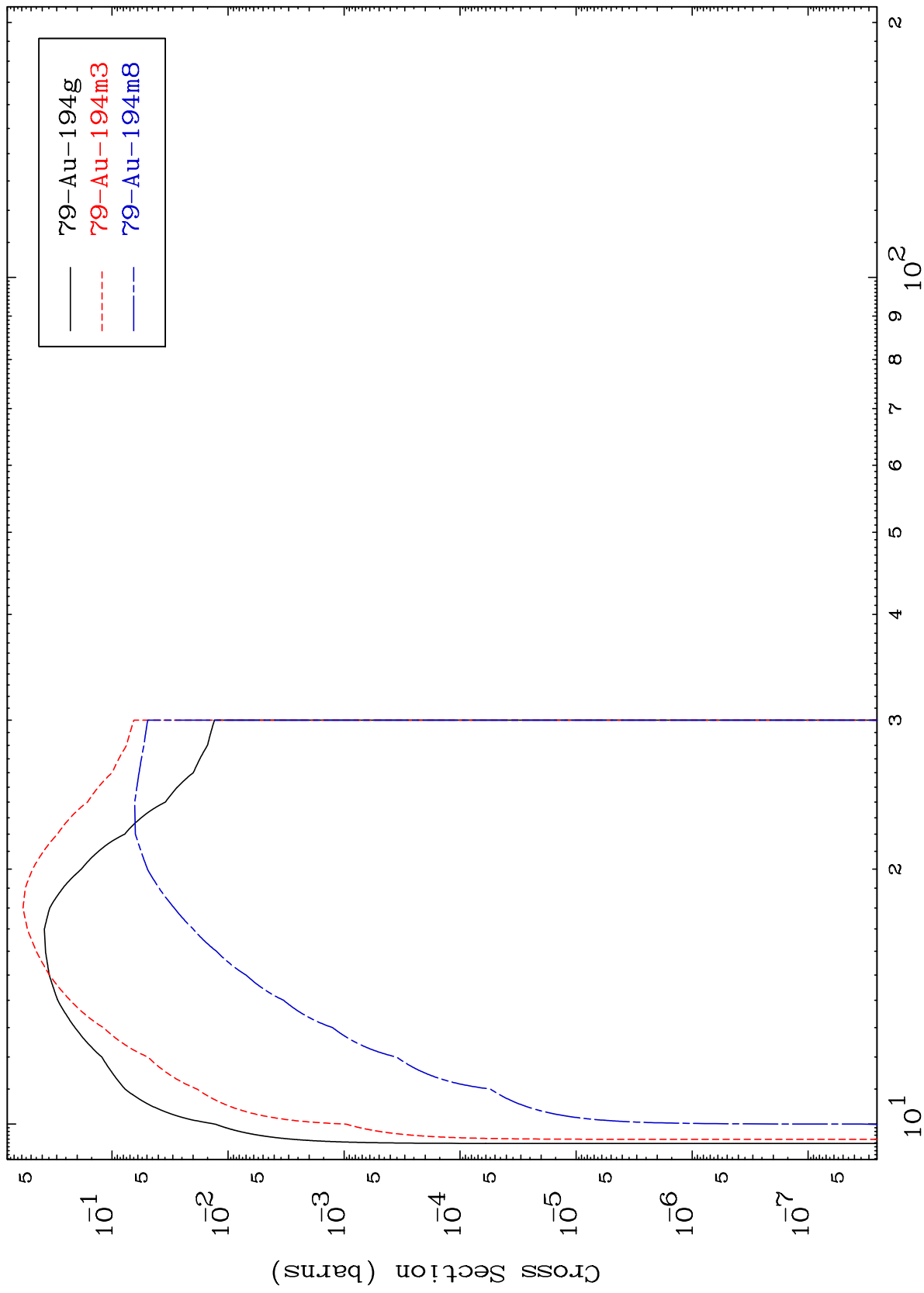
Incident Energy (MeV)

78-Pt-195

MAT 7840

78-Pt-195

(n,2n)
Radionuclide Production Cross Section



78-Pt-195

Incident Energy (MeV)

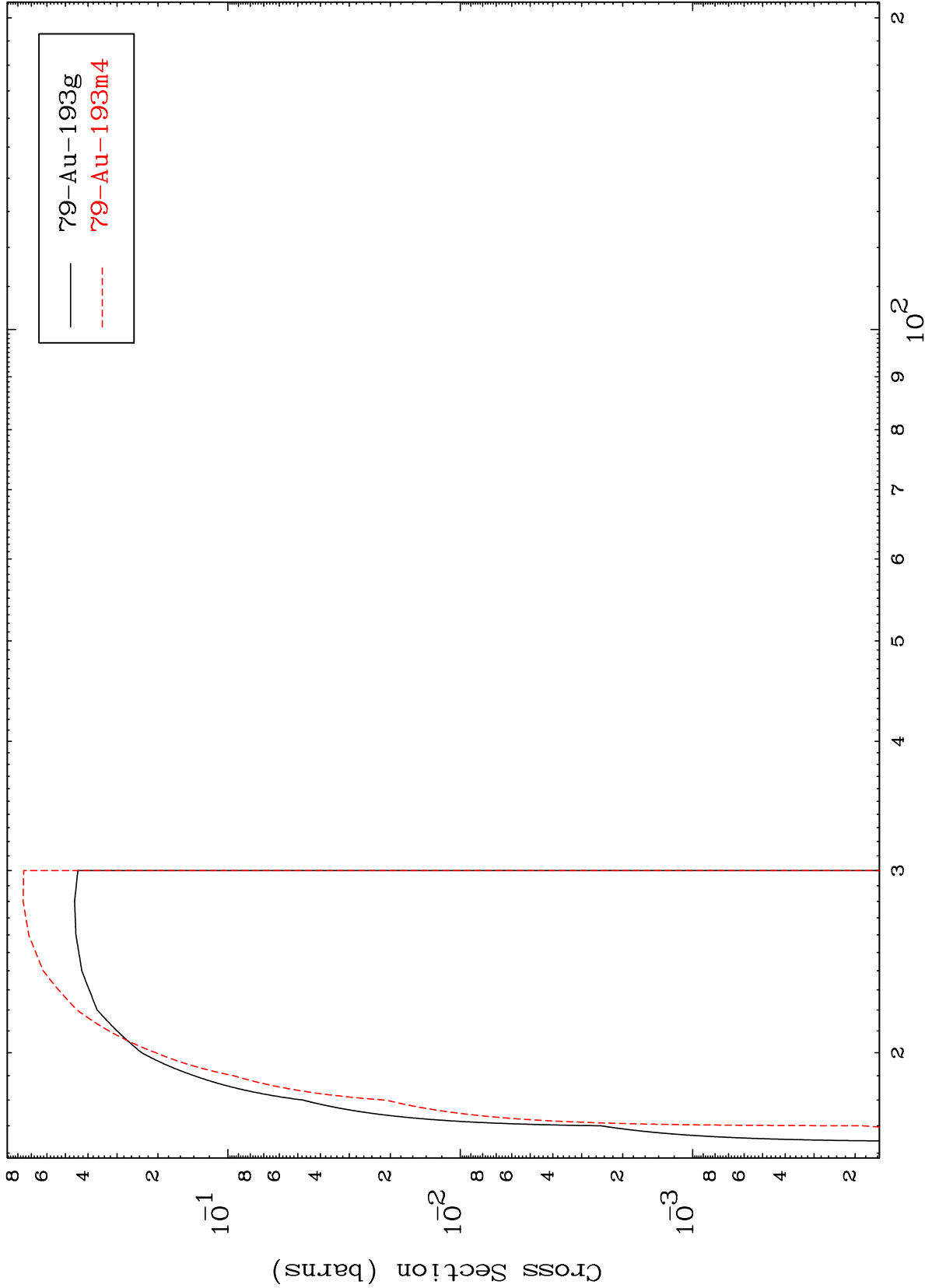
13

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(n,3n)

78-Pt-195

Radionuclide Production Cross Section



14

Incident Energy (MeV)

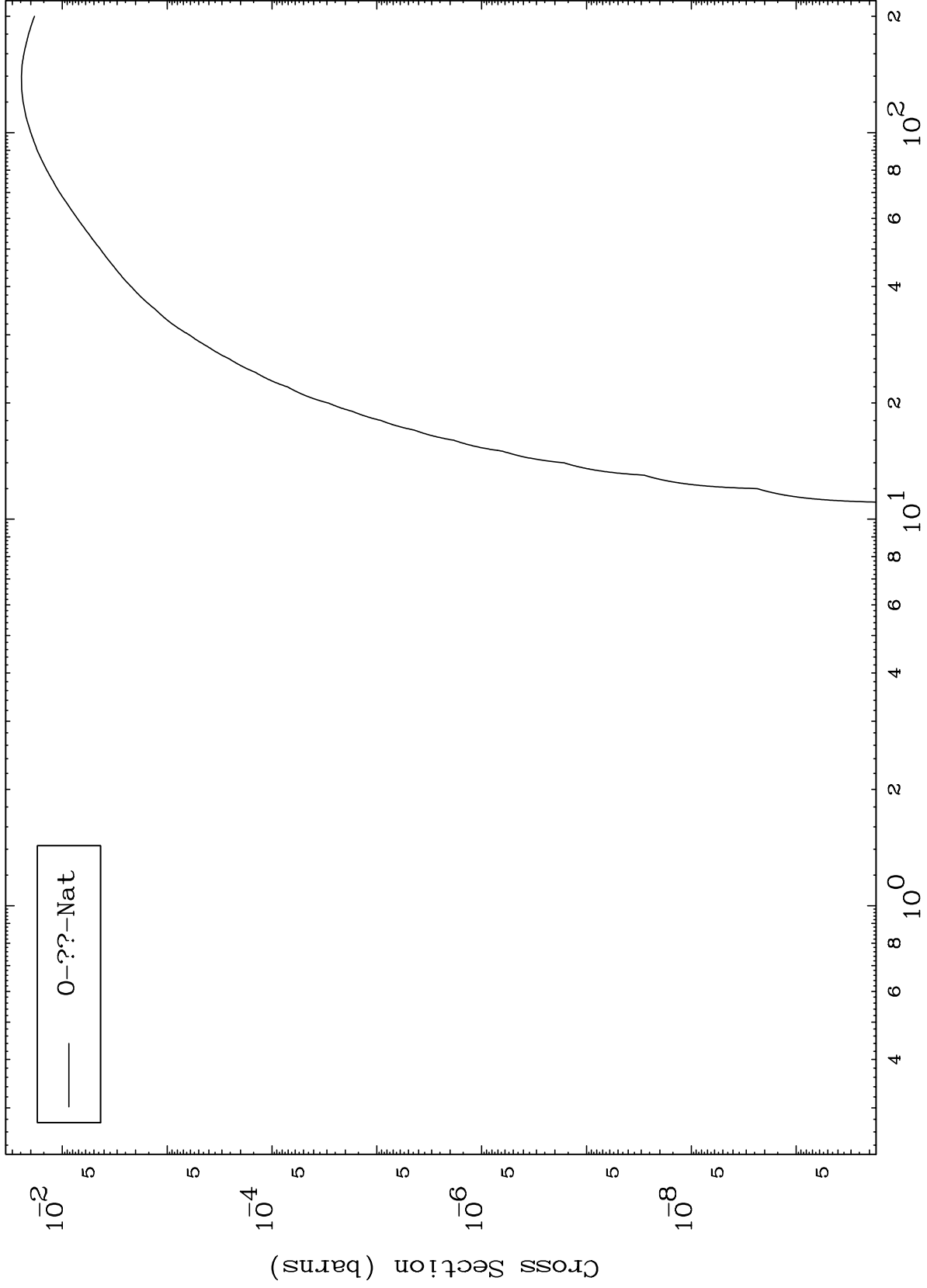
78-Pt-195

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Fission

78-Pt-195

Radionuclide Production Cross Section



15

Incident Energy (MeV)

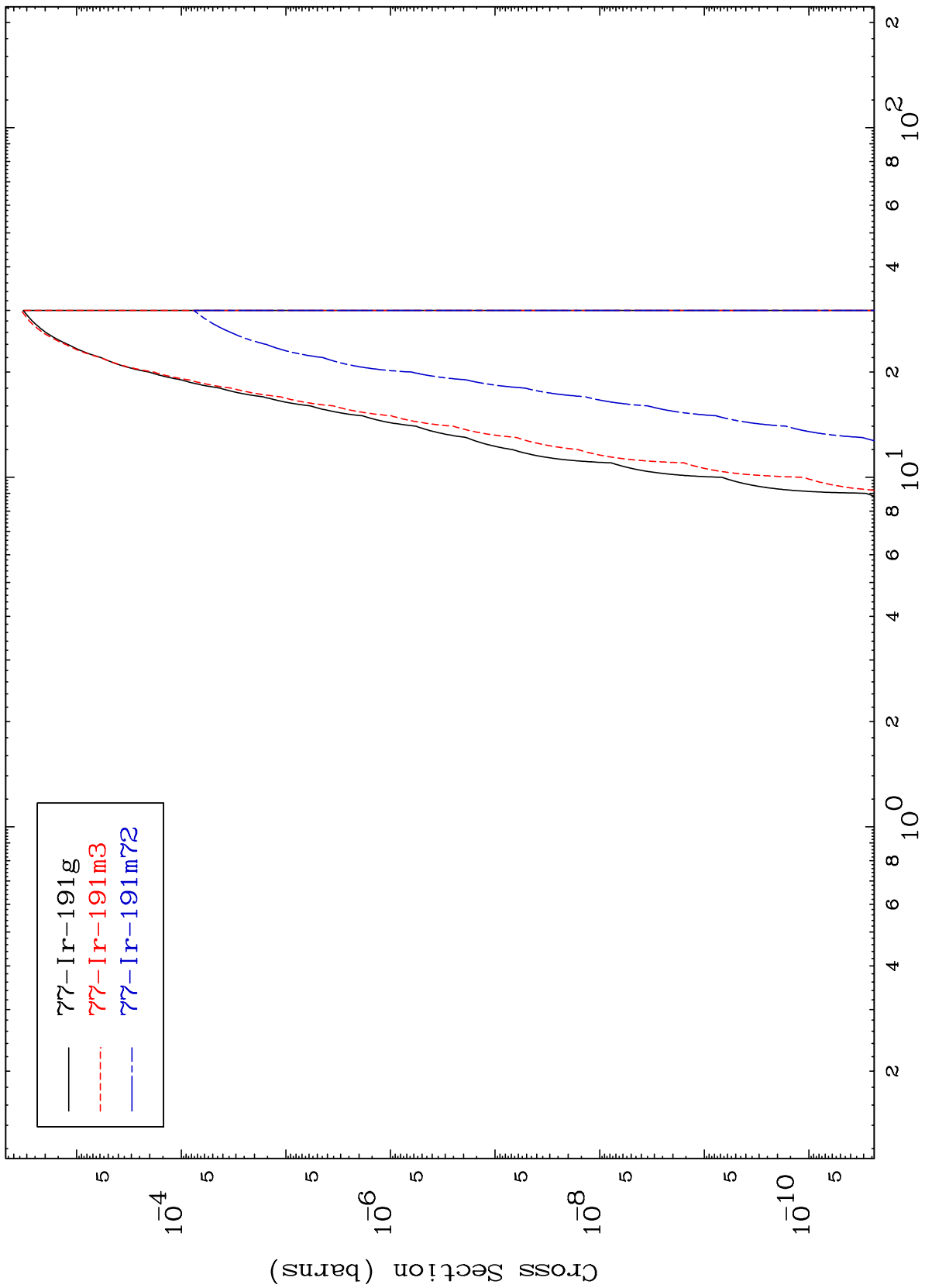
78-Pt-195

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$(n, n') \alpha$

78-Pt-195

Radionuclide Production Cross Section

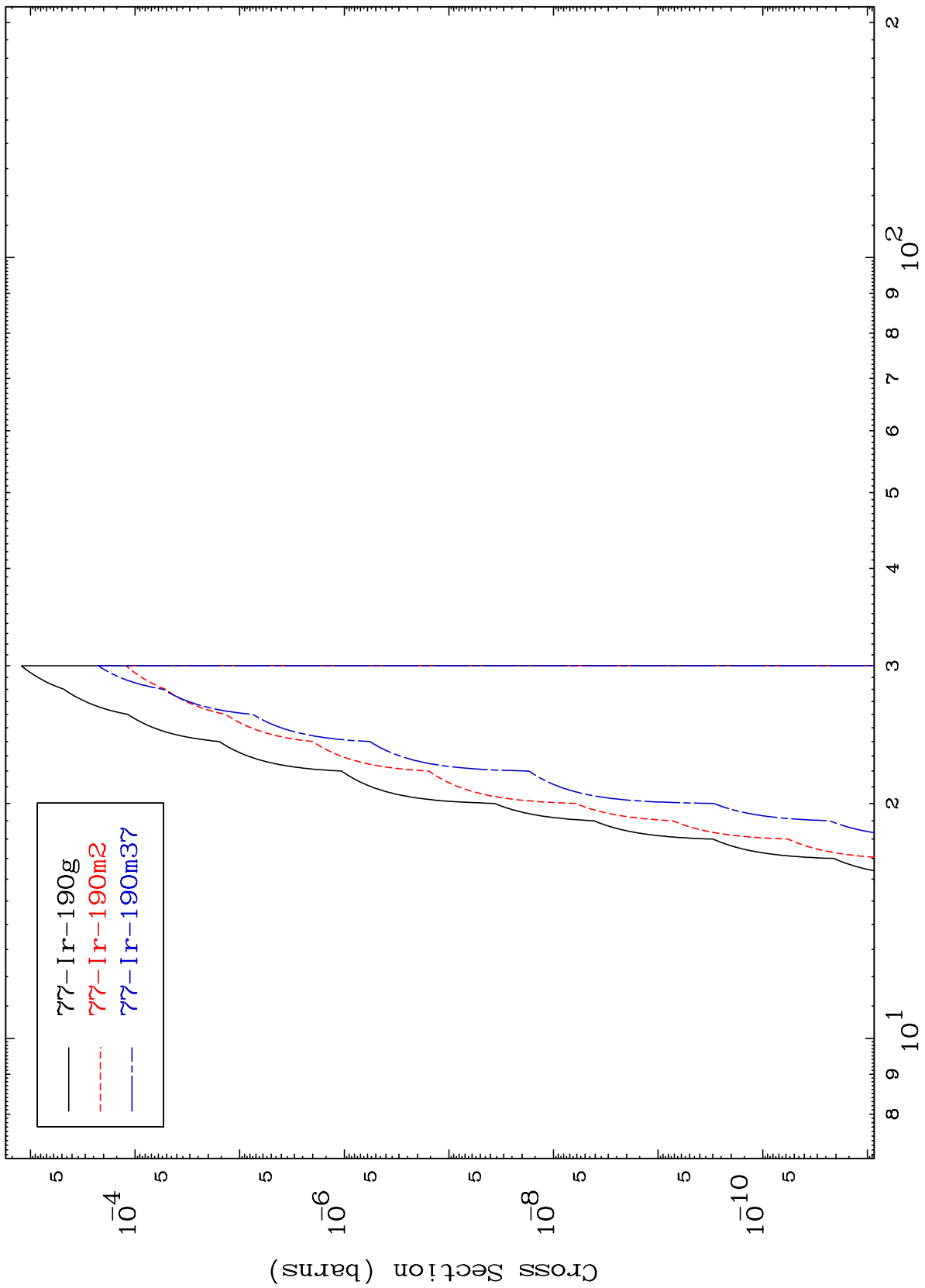


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(n,2n) α

78-Pt-195

Radionuclide Production Cross Section



17

Incident Energy (MeV)

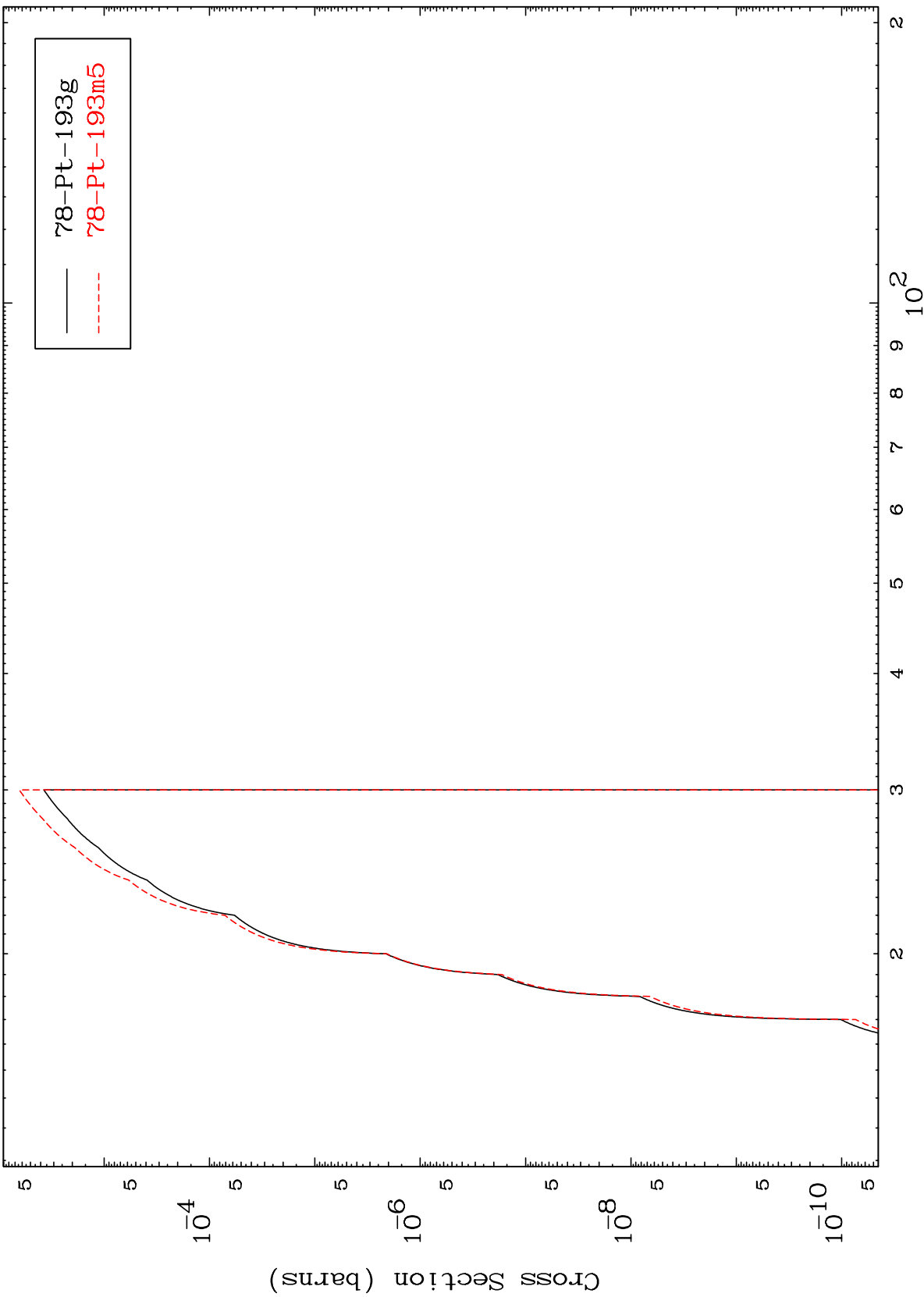
78-Pt-195

MAT 7840

(n,n') d

78-Pt-195

Radionuclide Production Cross Section



18

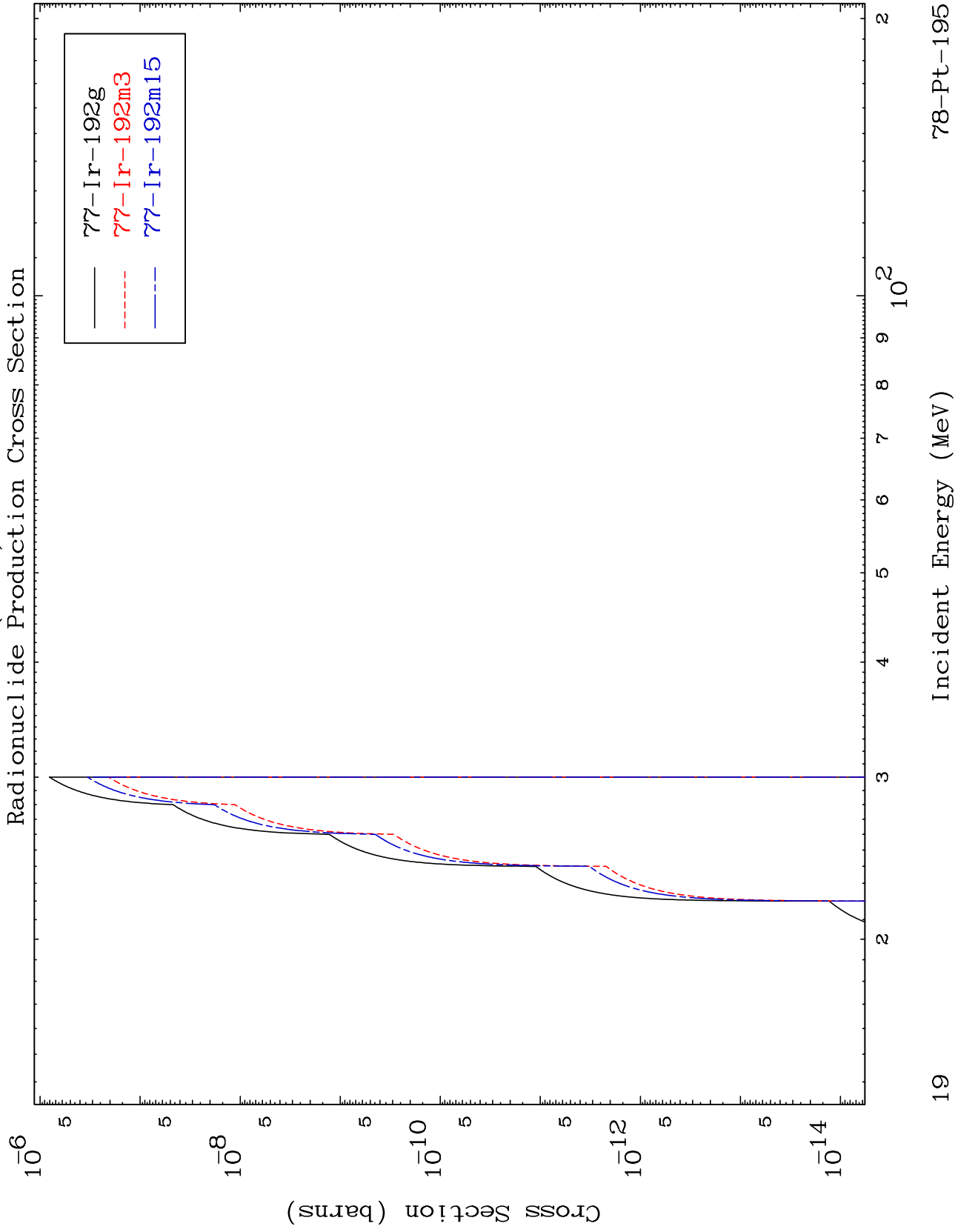
Incident Energy (MeV)

78-Pt-195

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(n,n') He-3

78-Pt-195



19

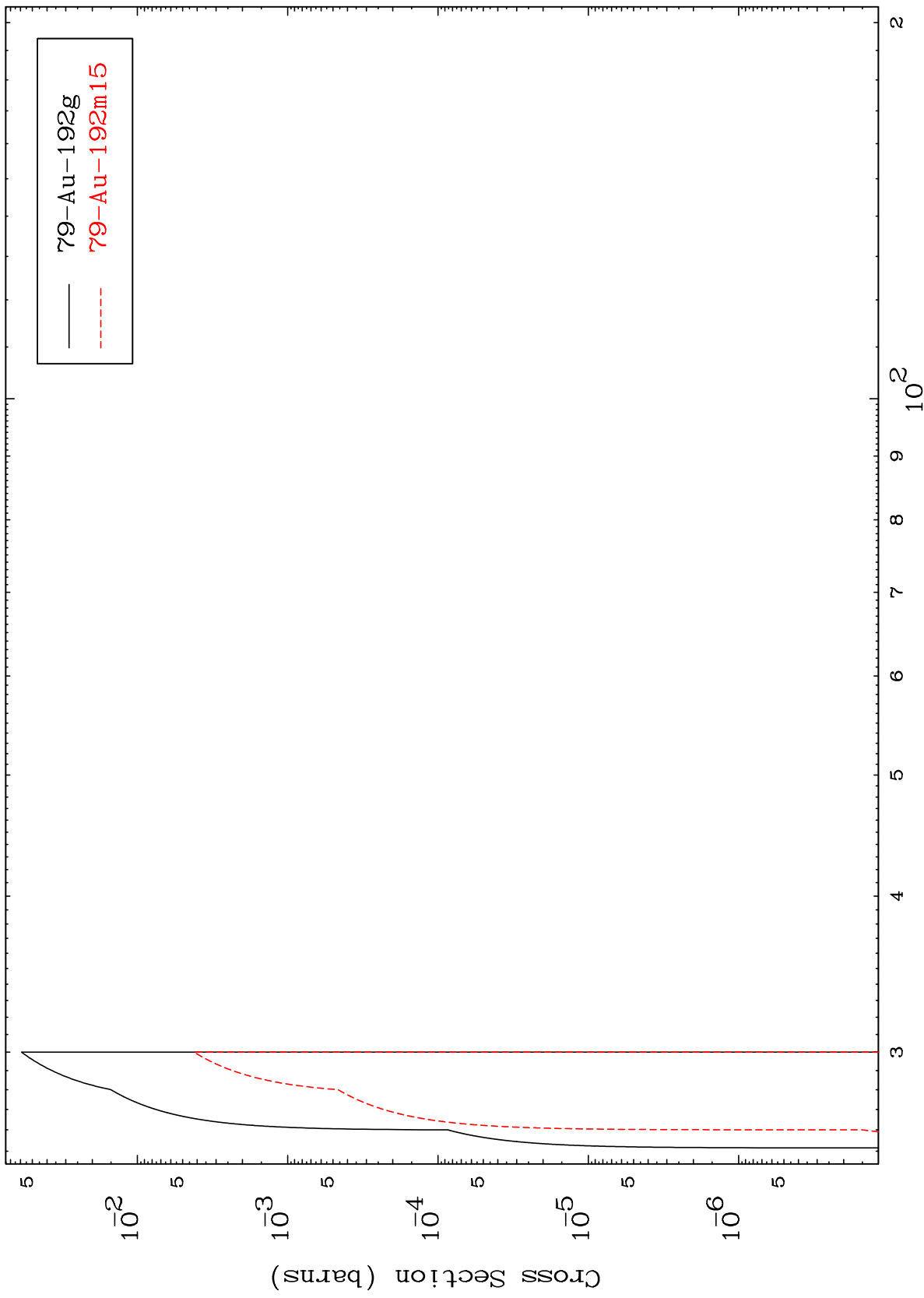
Incident Energy (MeV)

78-Pt-195

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78-Pt-195

(n,4n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

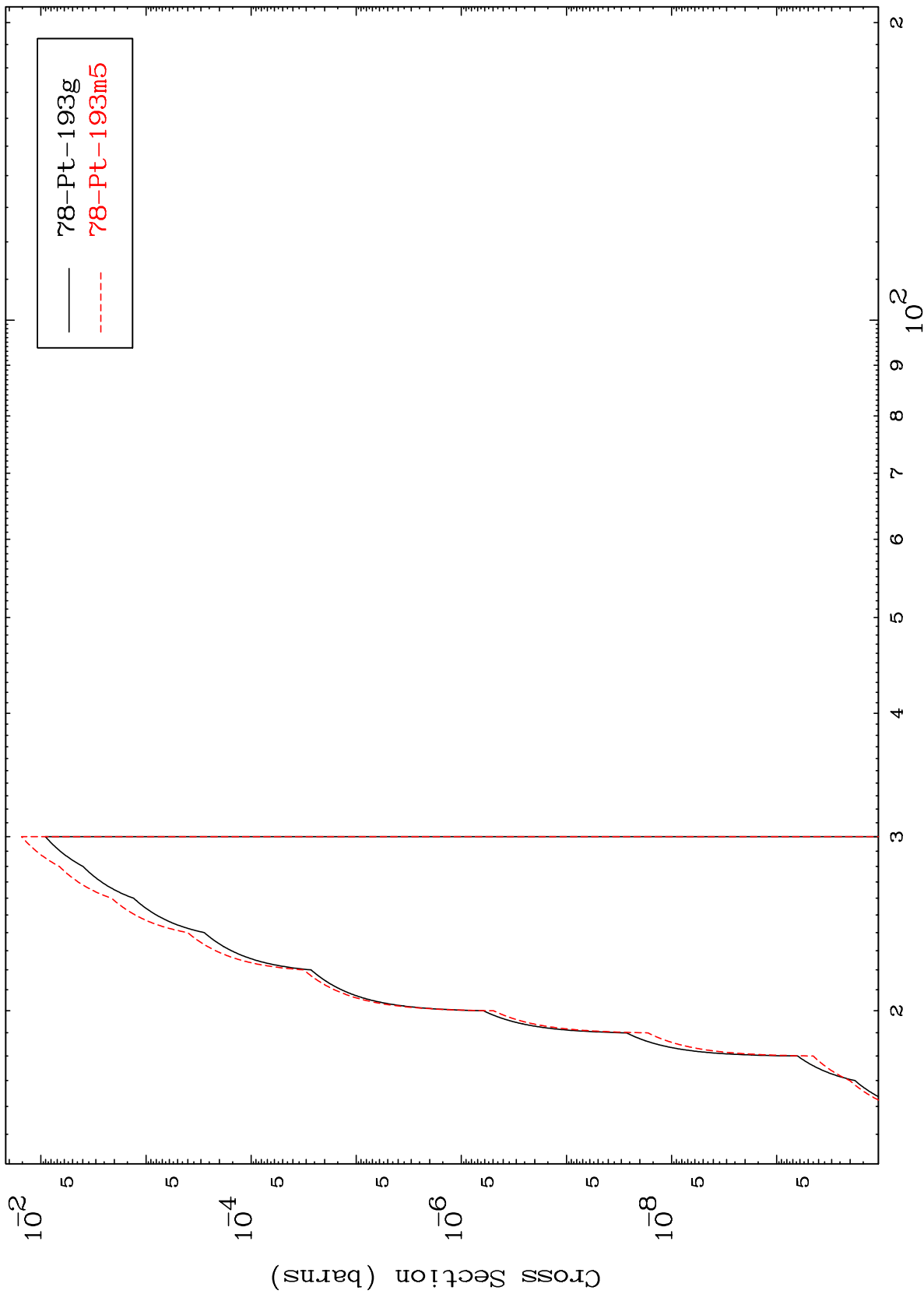
78-Pt-195

MAT 7840

78-Pt-195

(n,2n) p

Radionuclide Production Cross Section



78-Pt-195

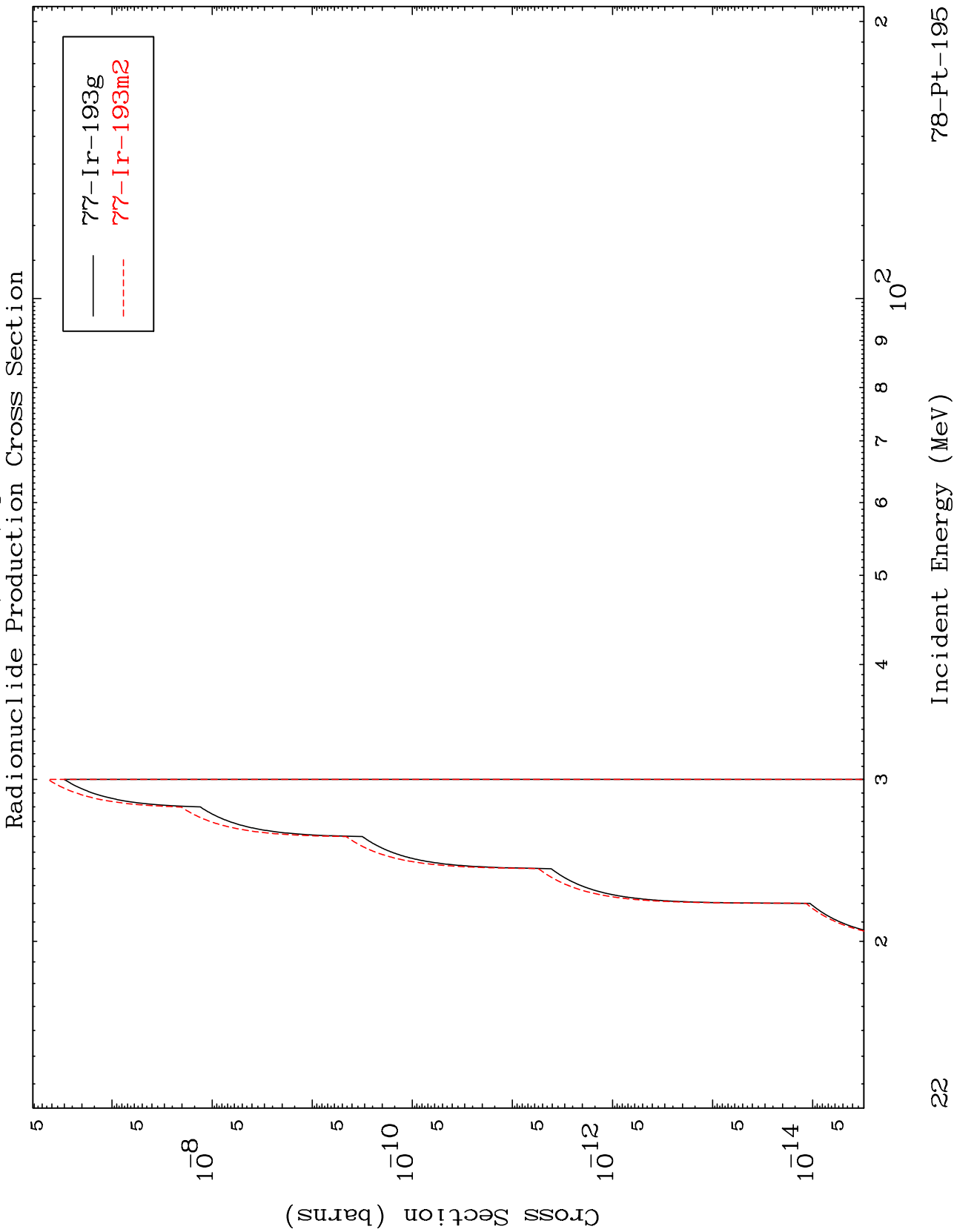
Incident Energy (MeV)

21

MAT 7840

(n,2n) p

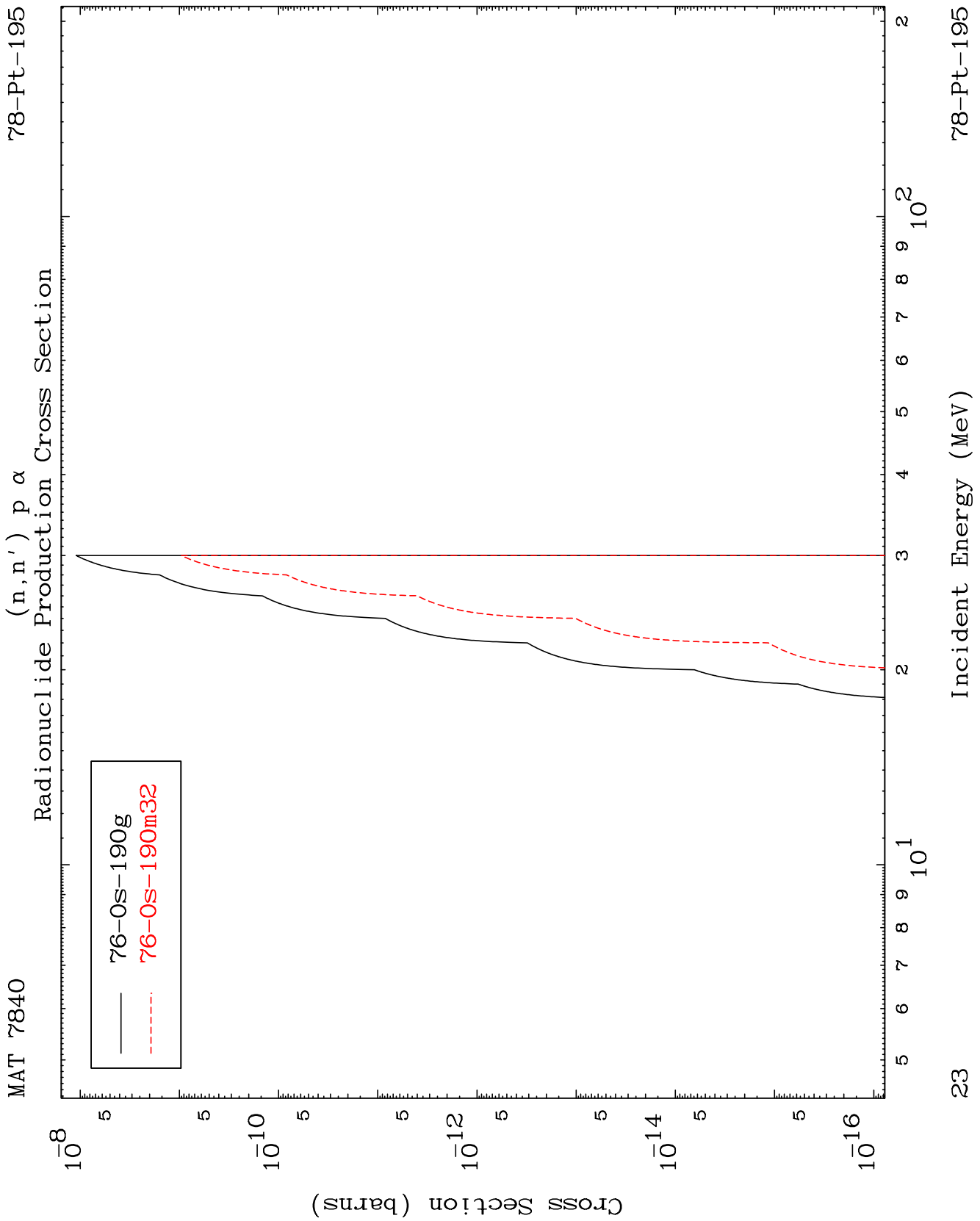
78-Pt-195



22

Incident Energy (MeV)

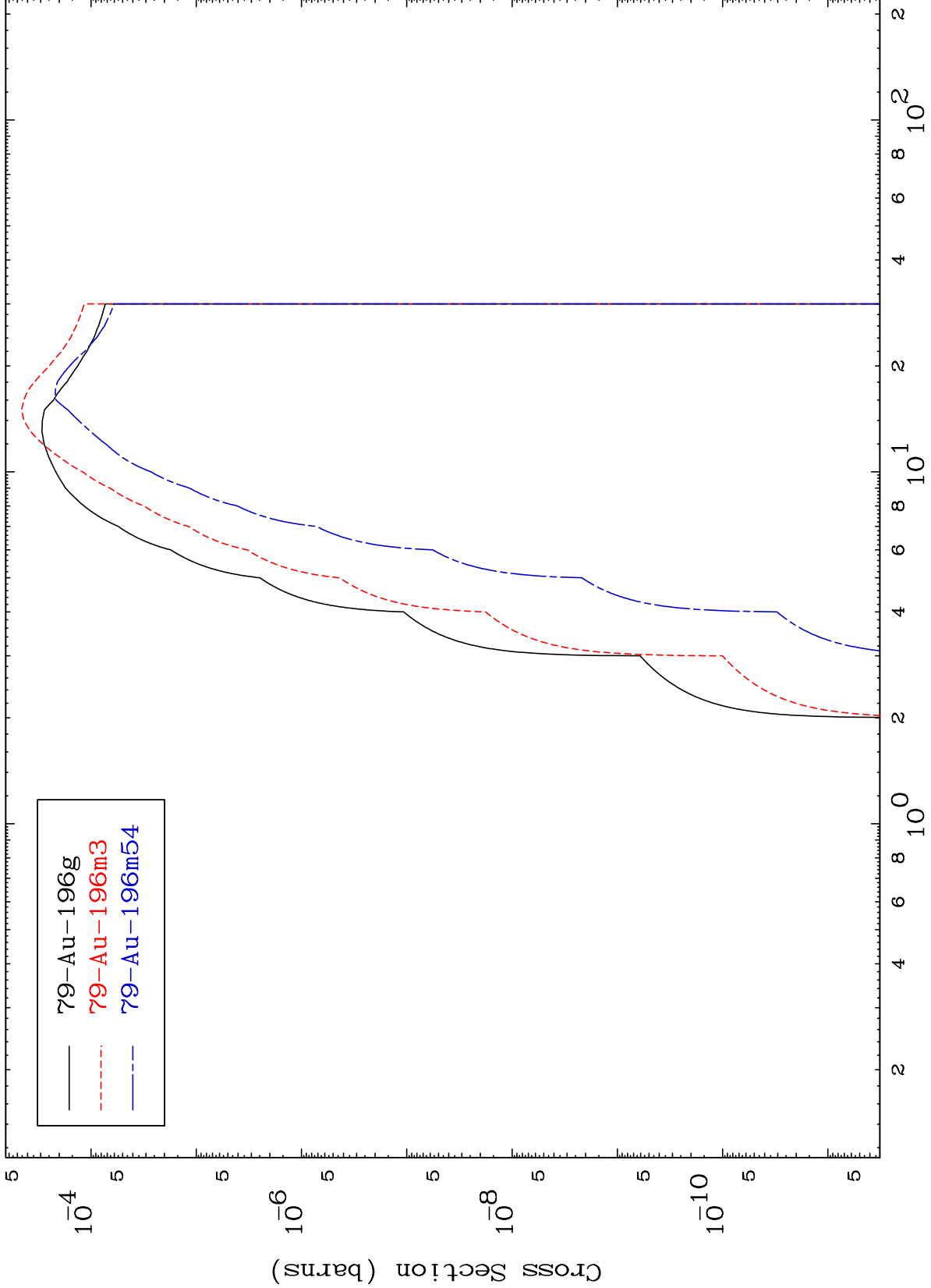
78-Pt-195



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78-Pt-195

(n,γ)
Radionuclide Production Cross Section



79-Au-196g
79-Au-196m3
79-Au-196m54

78-Pt-195

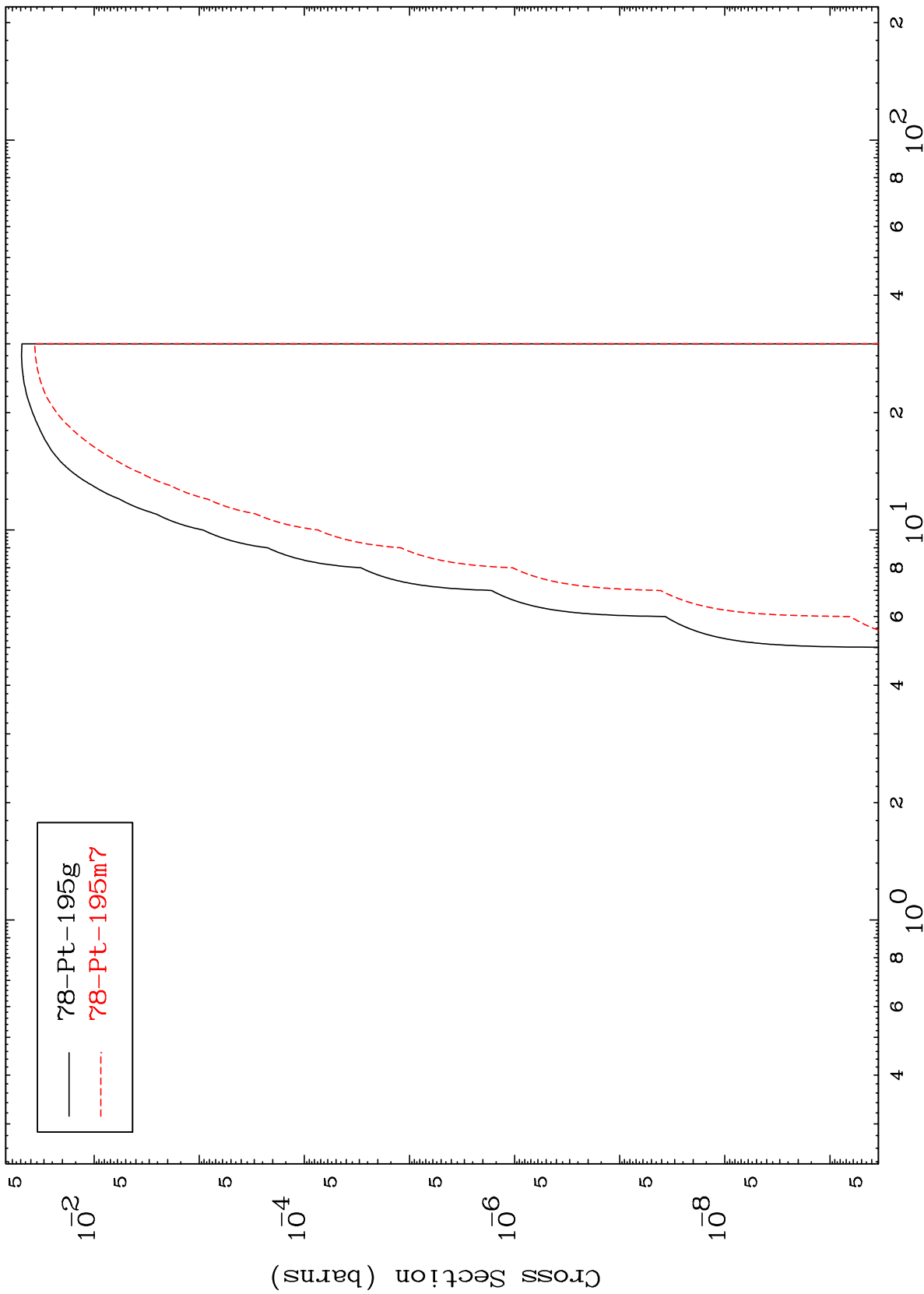
Incident Energy (MeV)

24

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78-Pt-195

(n,p)
Radionuclide Production Cross Section



78-Pt-195

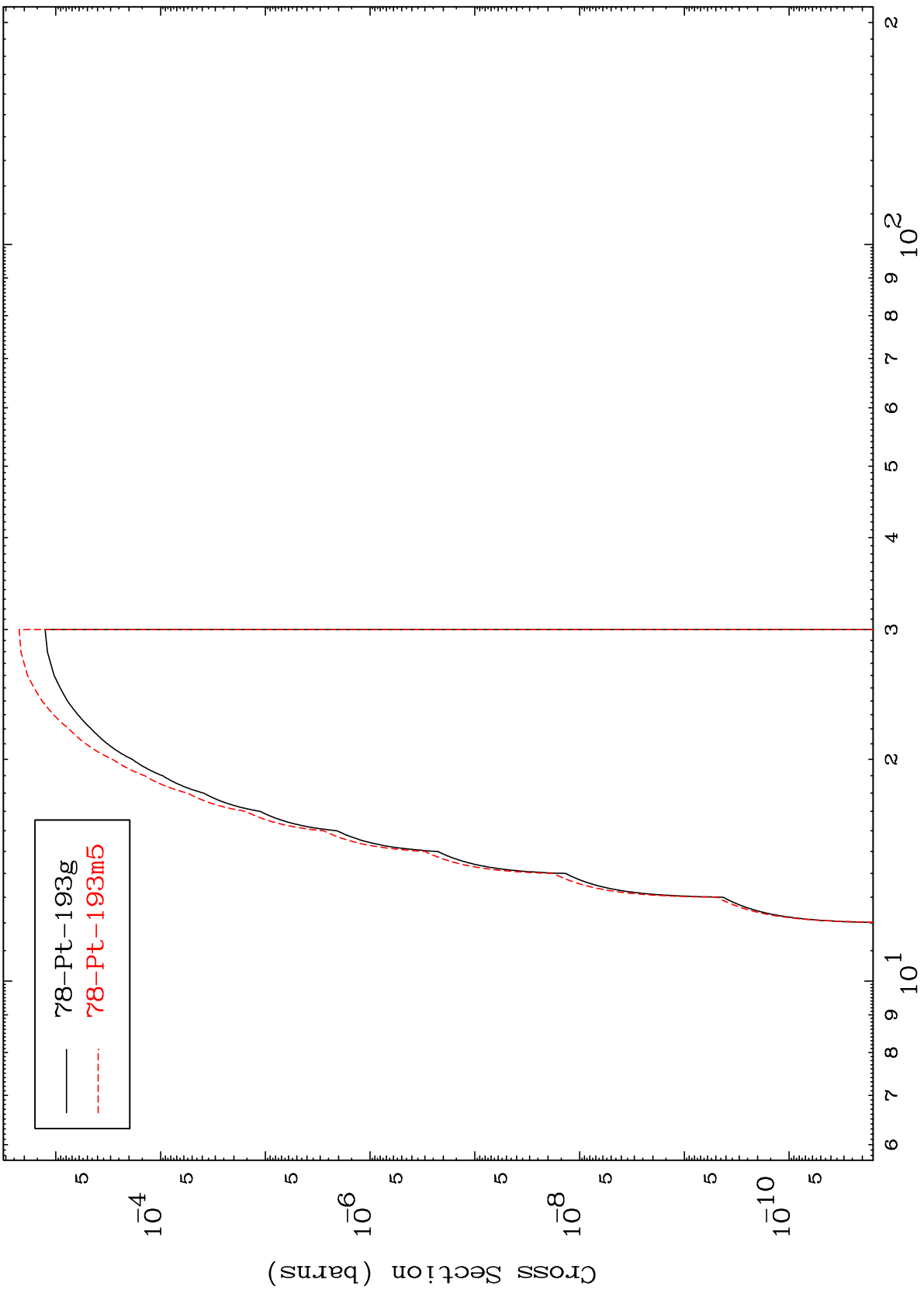
Incident Energy (MeV)

25

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78-Pt-195

Radionuclide Production Cross Section (n,t)

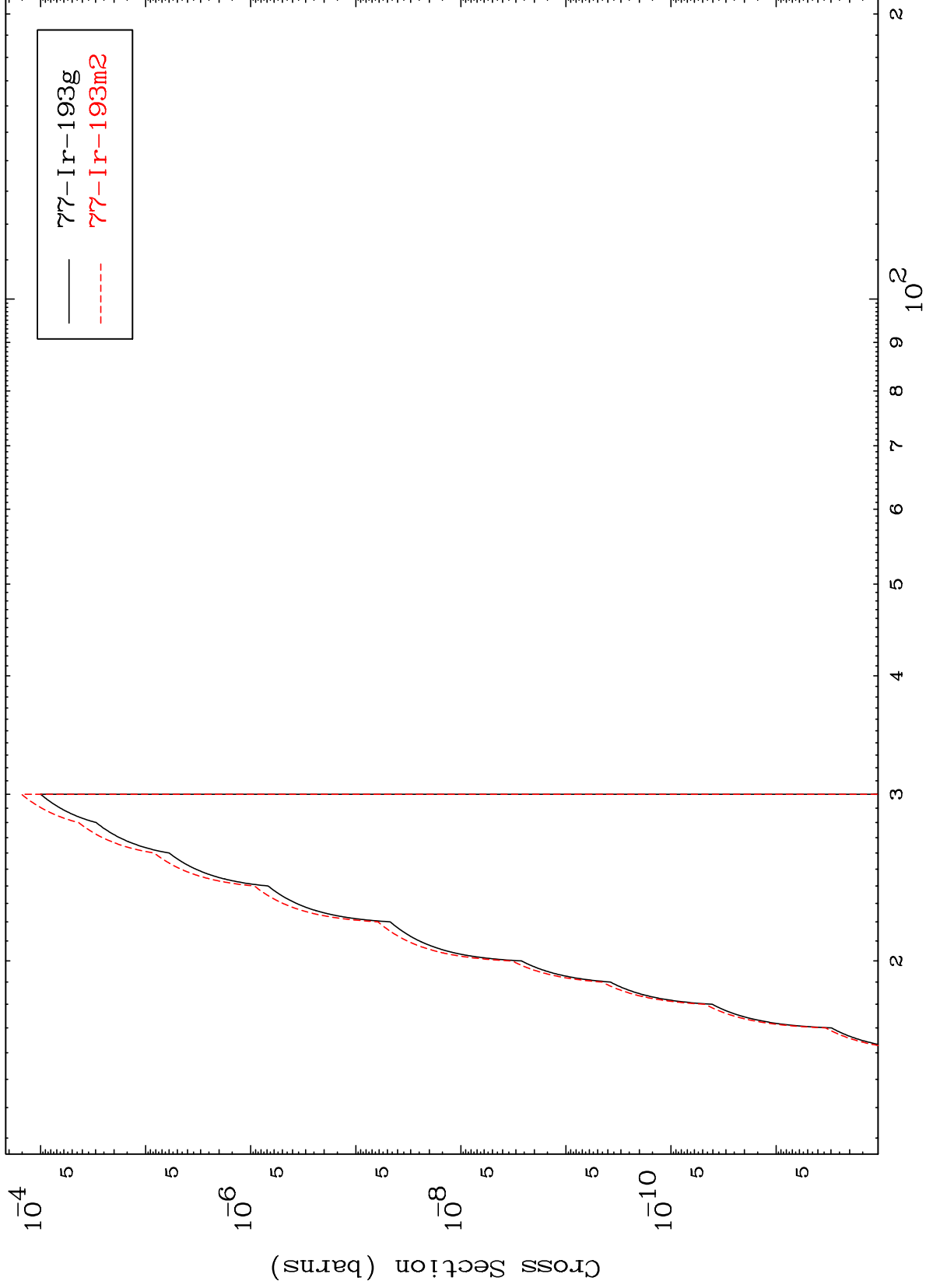


26

Incident Energy (MeV)

78-Pt-195

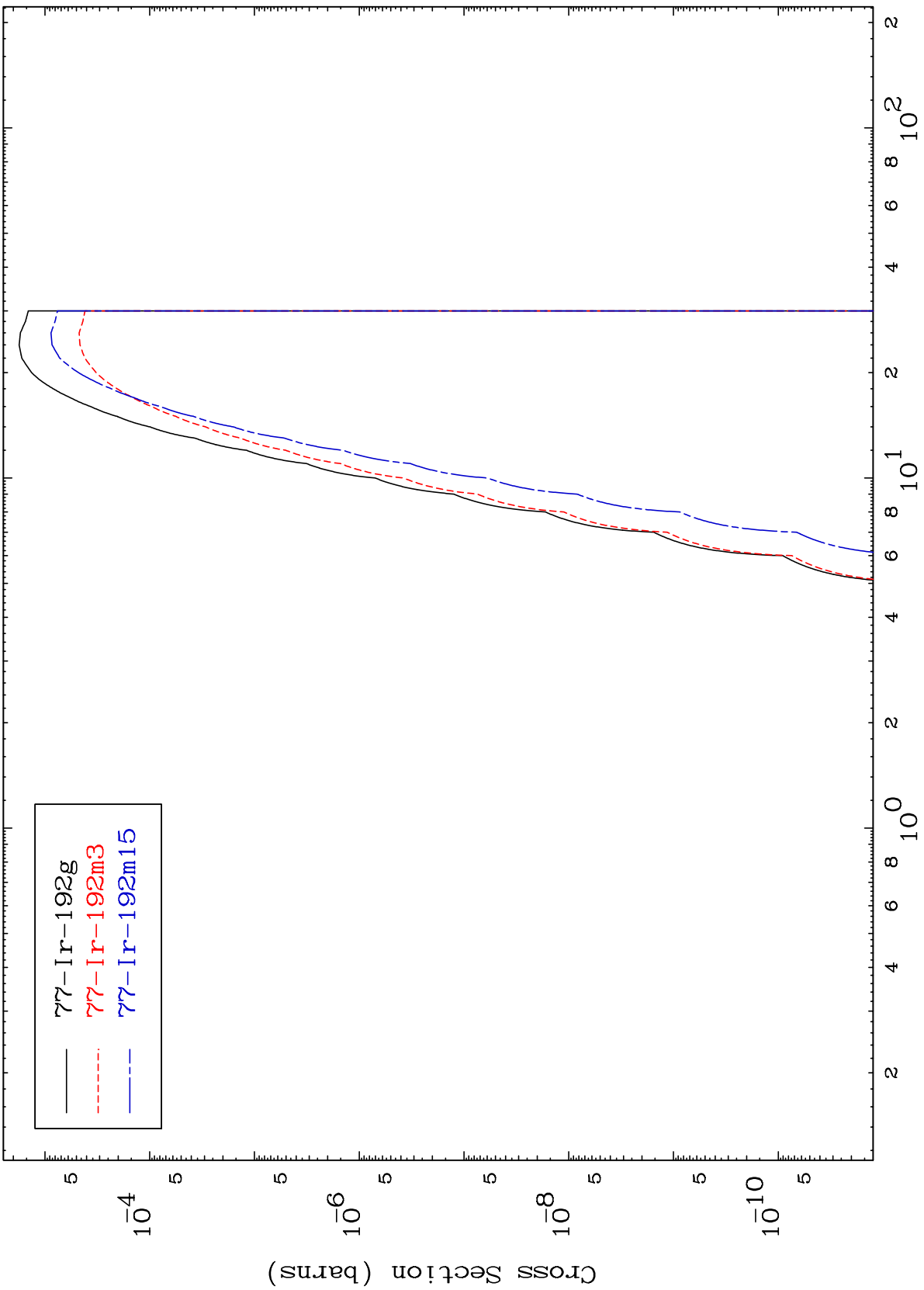
Radionuclide Production Cross Section



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78-Pt-195

Radionuclide Production Cross Section
(n, α)



28

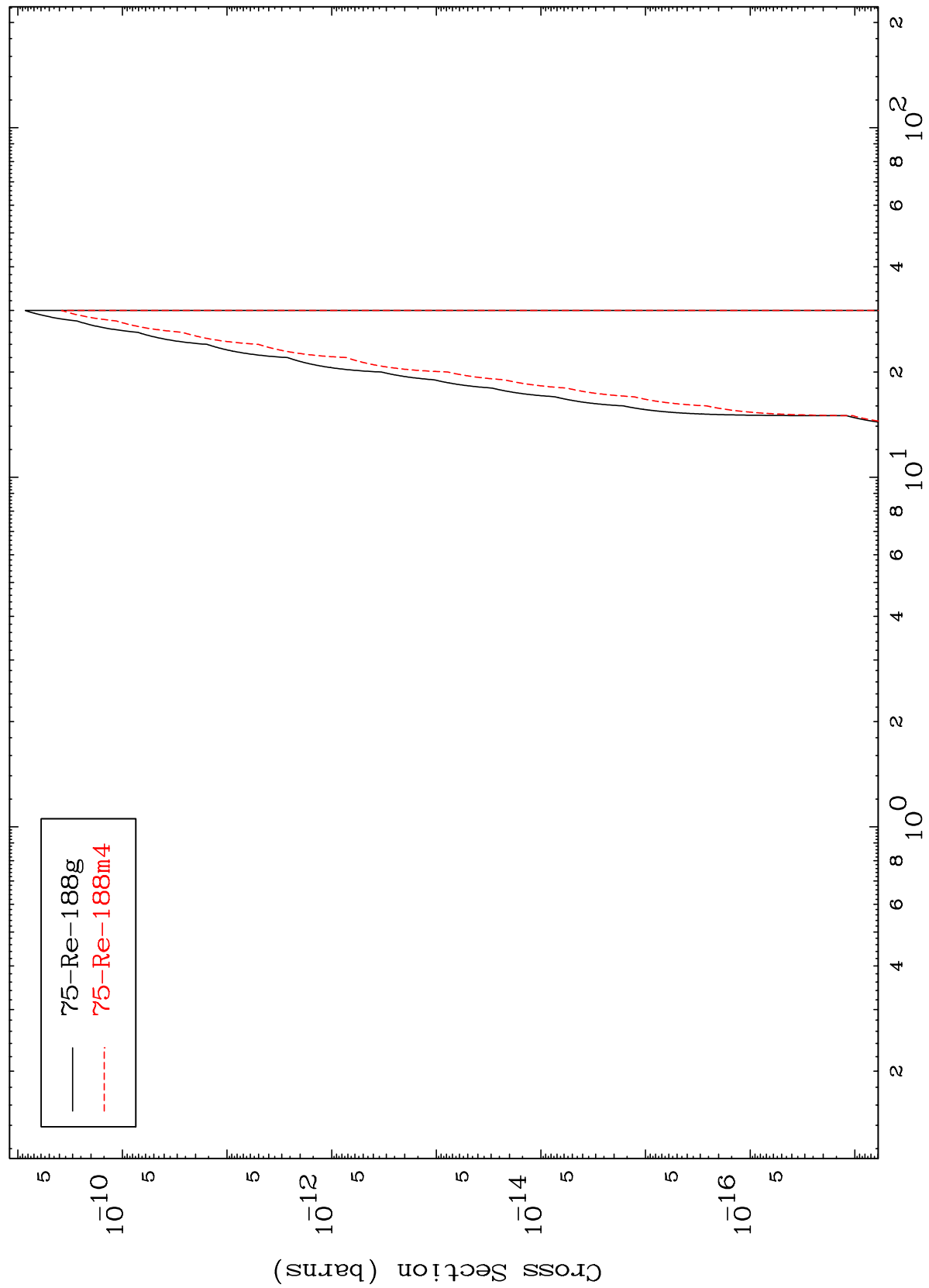
78-Pt-195

Incident Energy (MeV)

MAT 7840

78-Pt-195

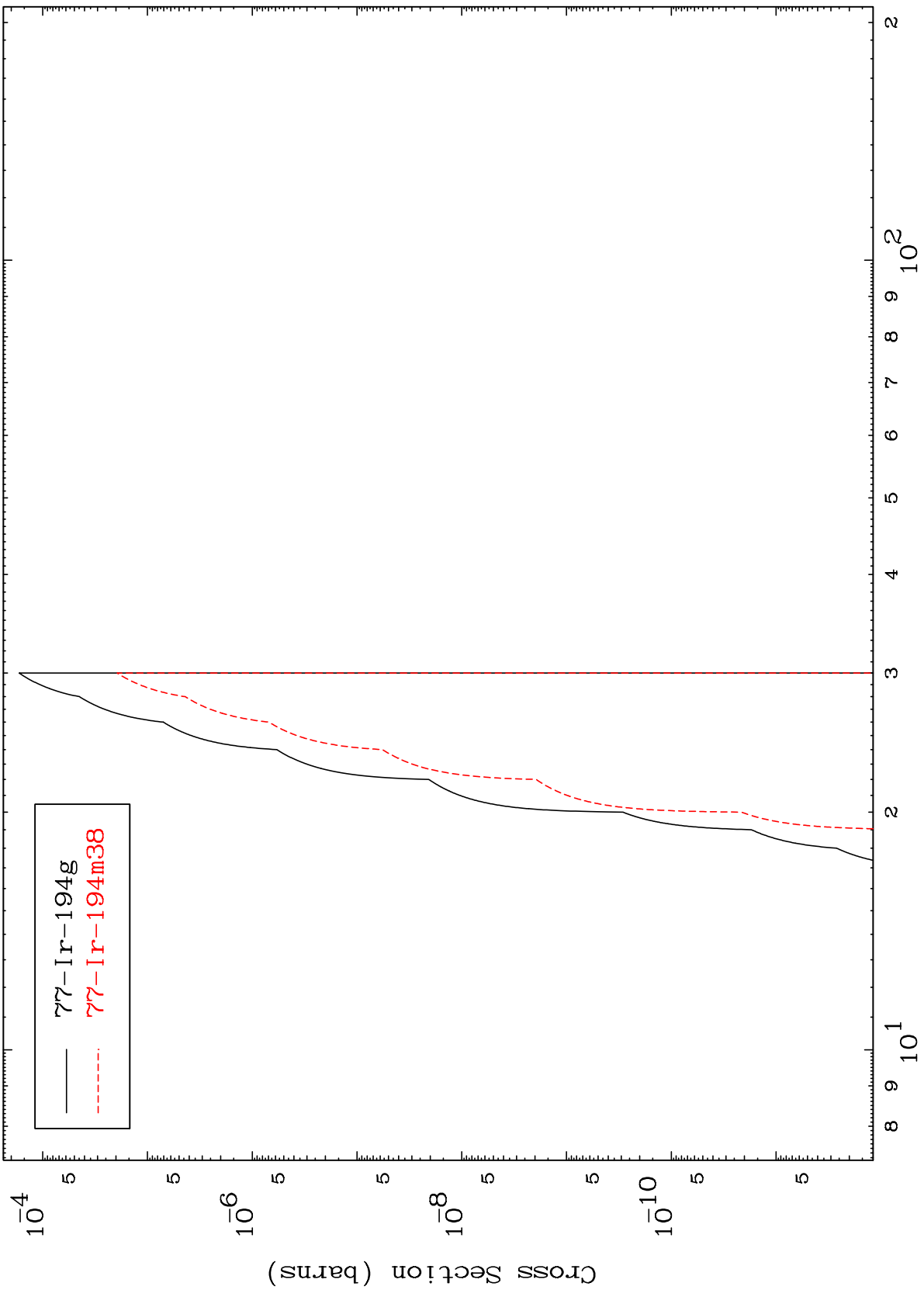
(n,2α)
Radionuclide Production Cross Section



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78-Pt-195

(n,2p)
Radionuclide Production Cross Section



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

78-Pt-195

Incident Energy (MeV)

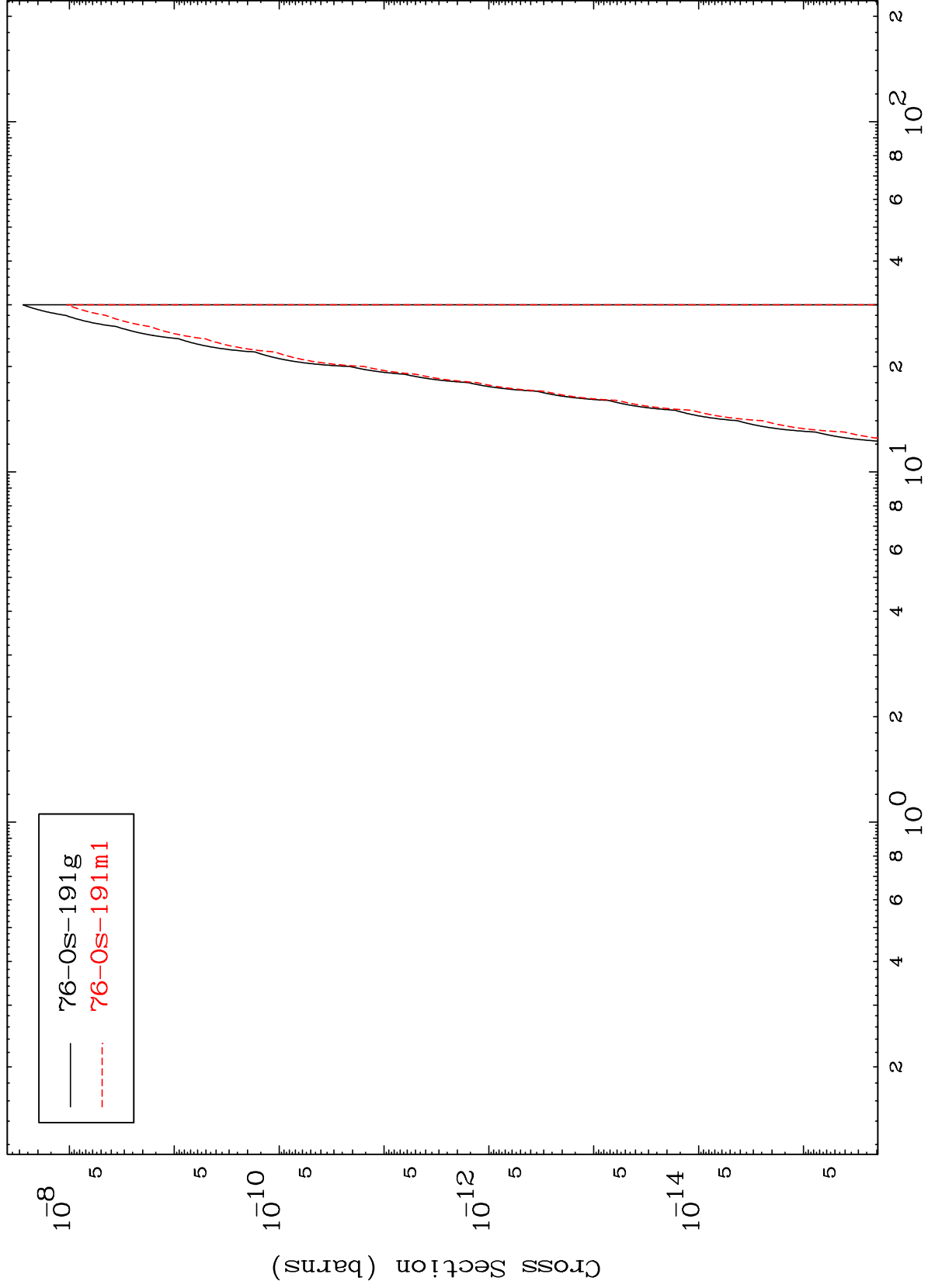
30

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(n,p) α

78-Pt-195

Radionuclide Production Cross Section

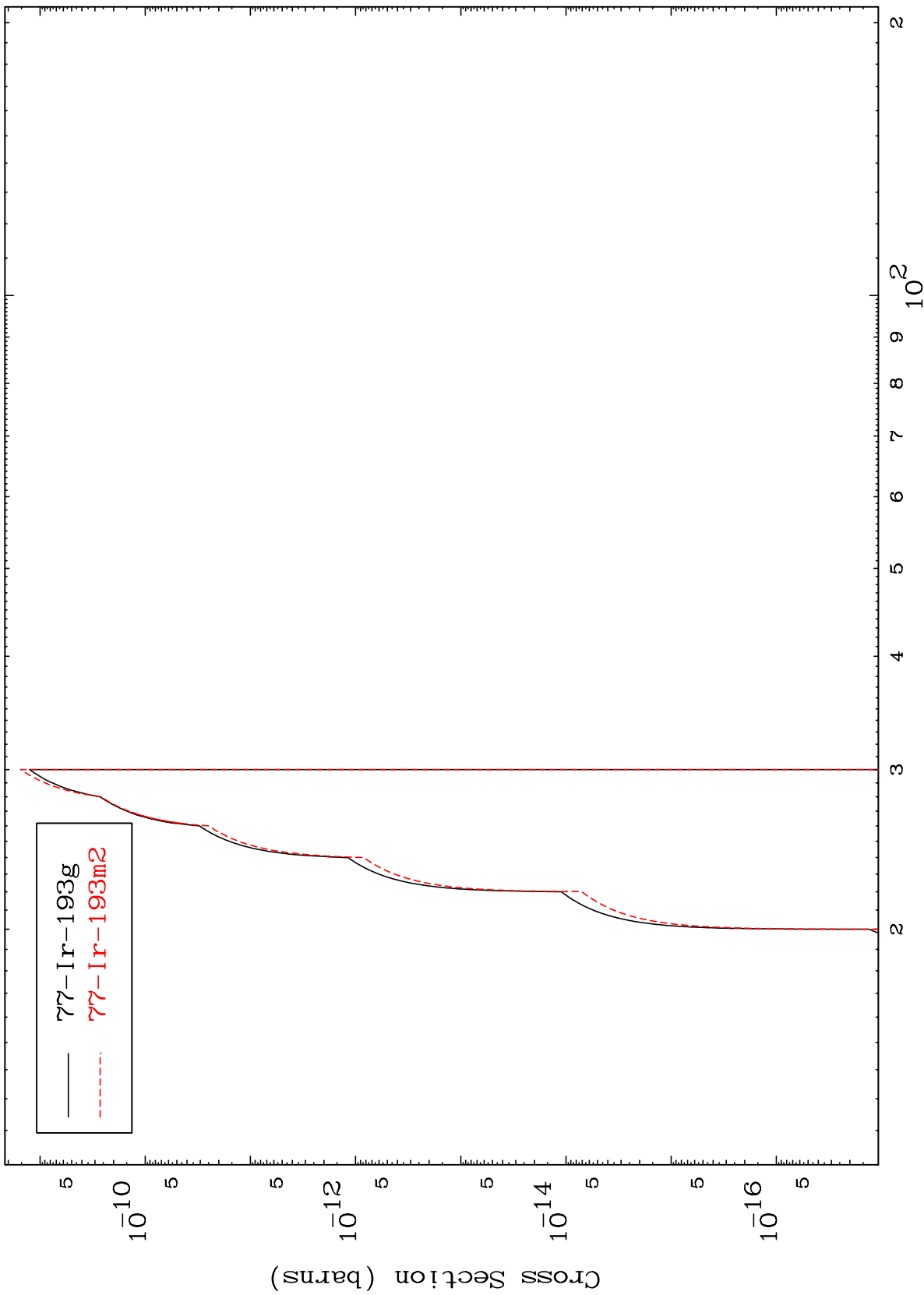


MAT 7840

(n,p) d

78-Pt-195

Radionuclide Production Cross Section



Radionuclide Production Cross Section

