

Program EVALPLOT
(Version 2021-1)

by

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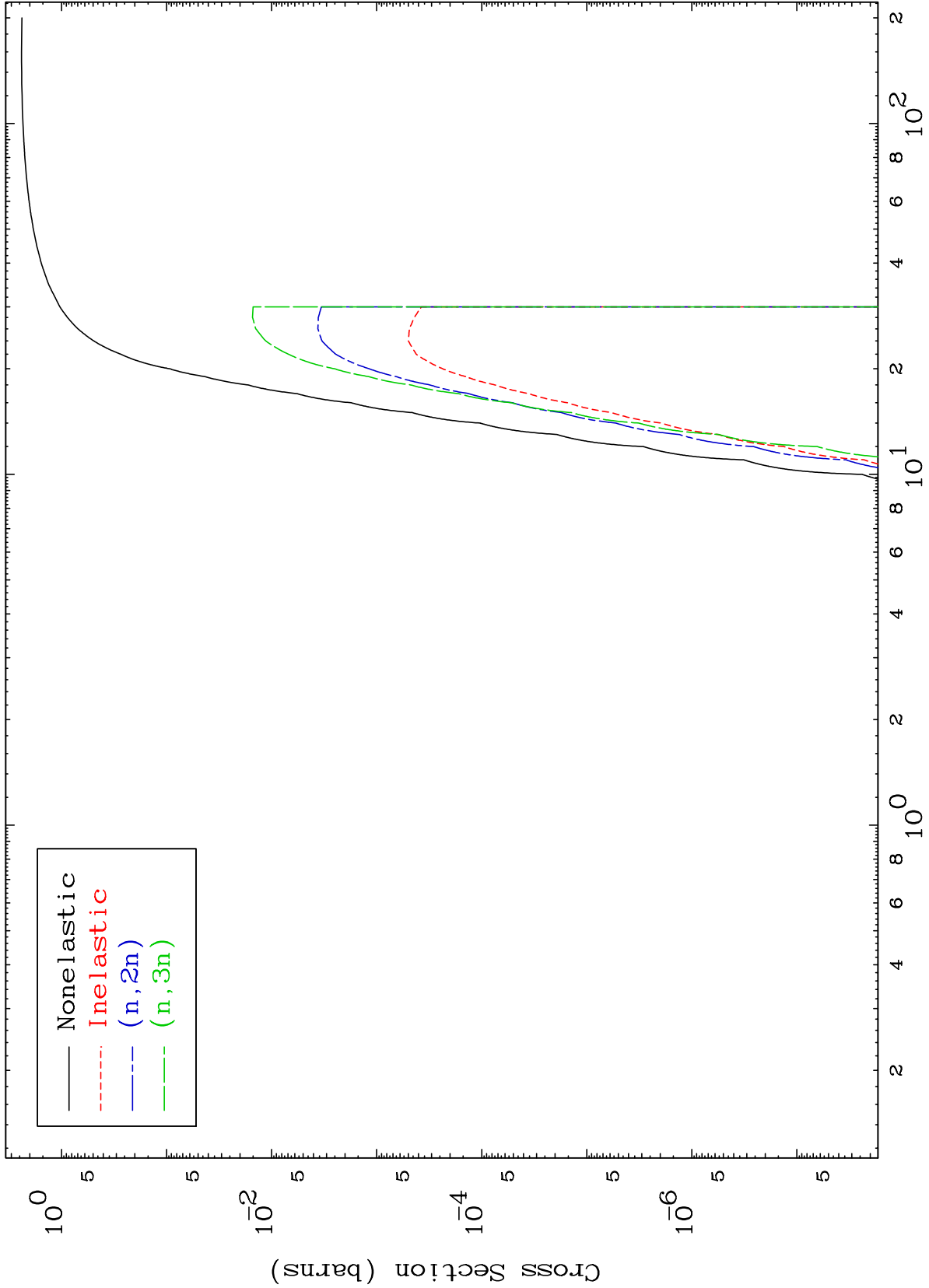
Press Mouse Button to Start

MAT 7737

He-3 Major

0 Kelvin Cross Sections

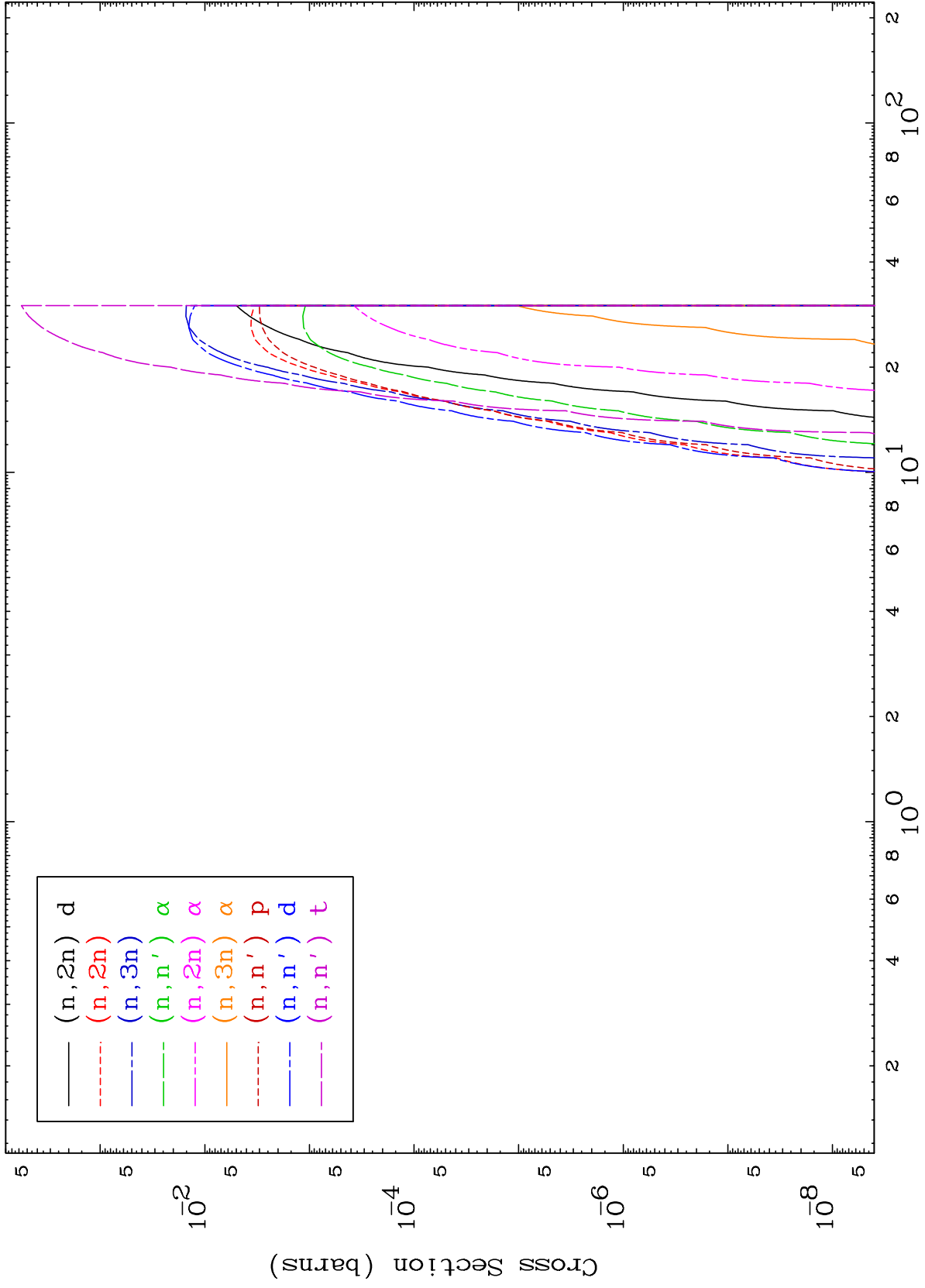
77-Ir-195



MAT 7737

He-3 Neutron Absorption
0 Kelvin Cross Sections

77-Ir-195



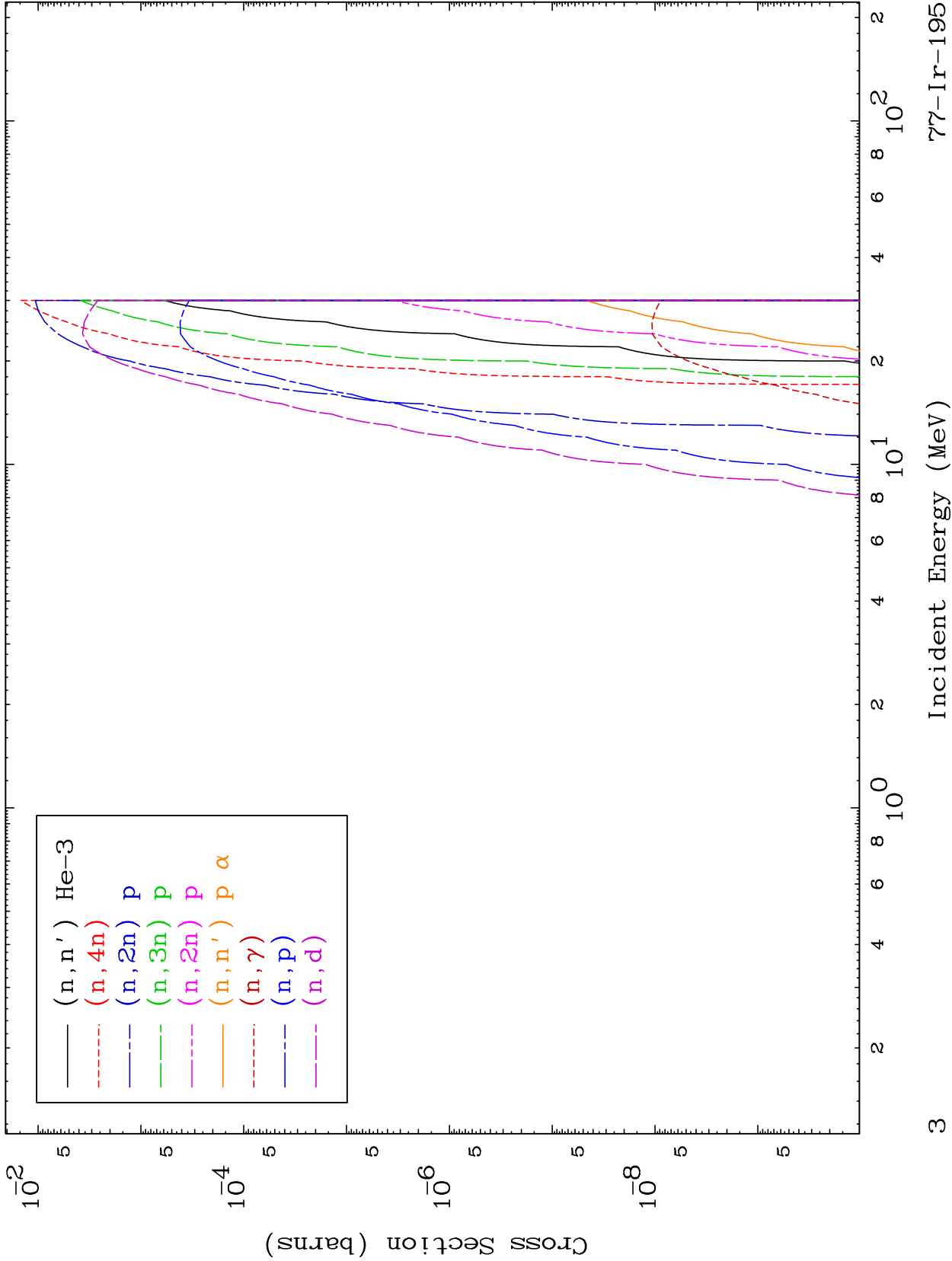
77-Ir-195

Incident Energy (MeV)

MAT 7737

He-3 Neutron Absorption
0 Kelvin Cross Sections

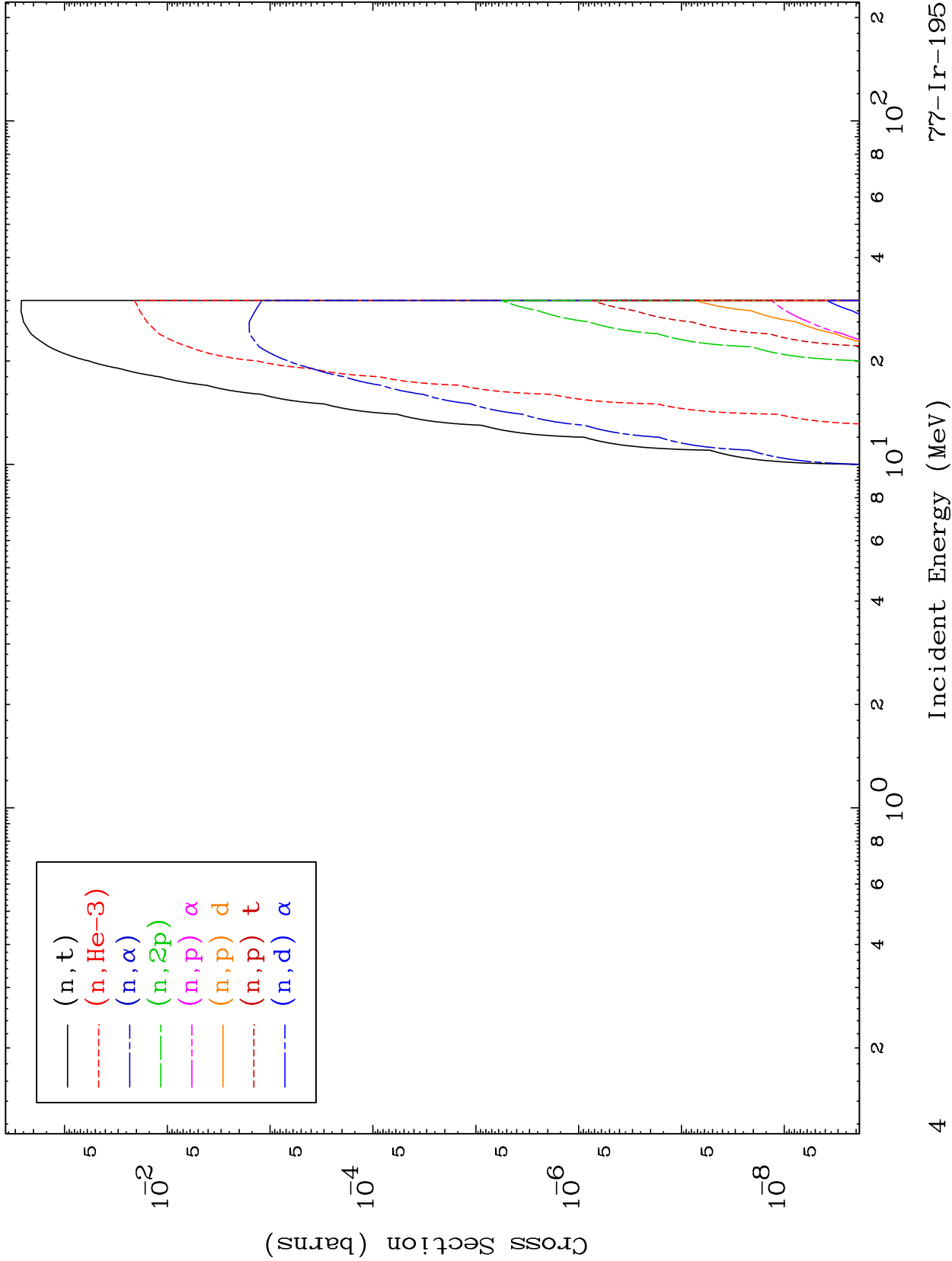
77-Ir-195

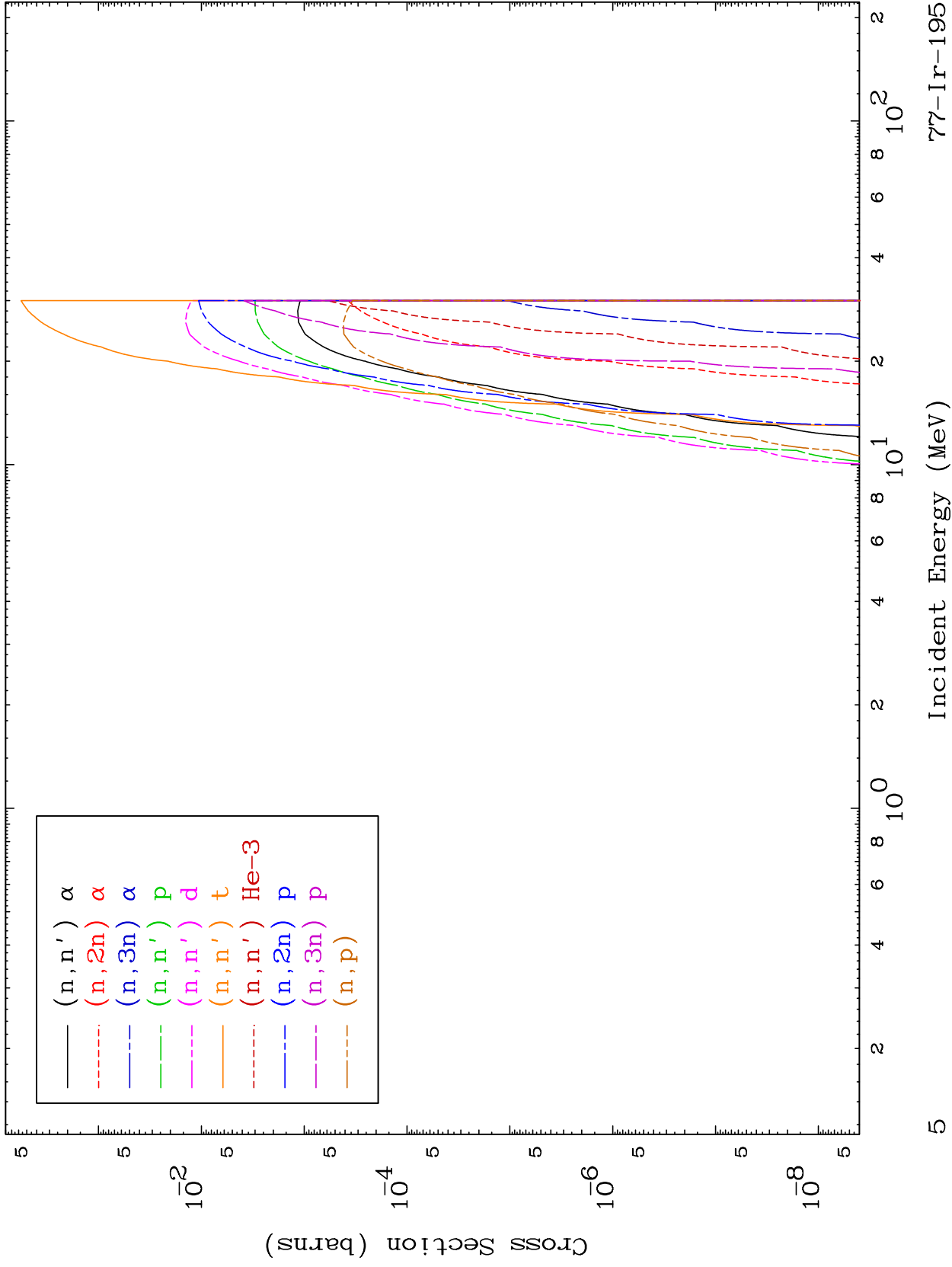


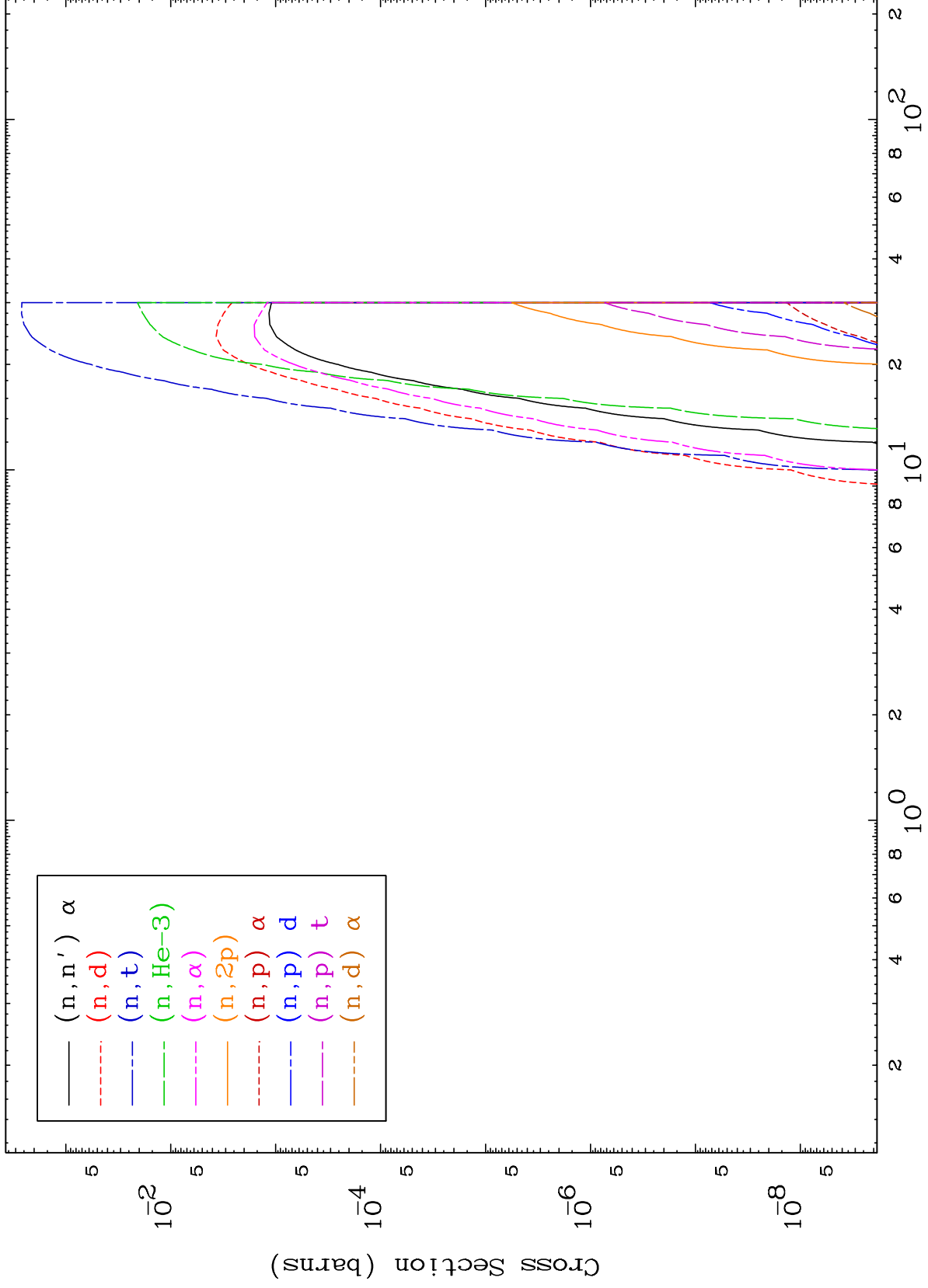
MAT 7737

He-3 Neutron Absorption
0 Kelvin Cross Sections

77-Ir-195



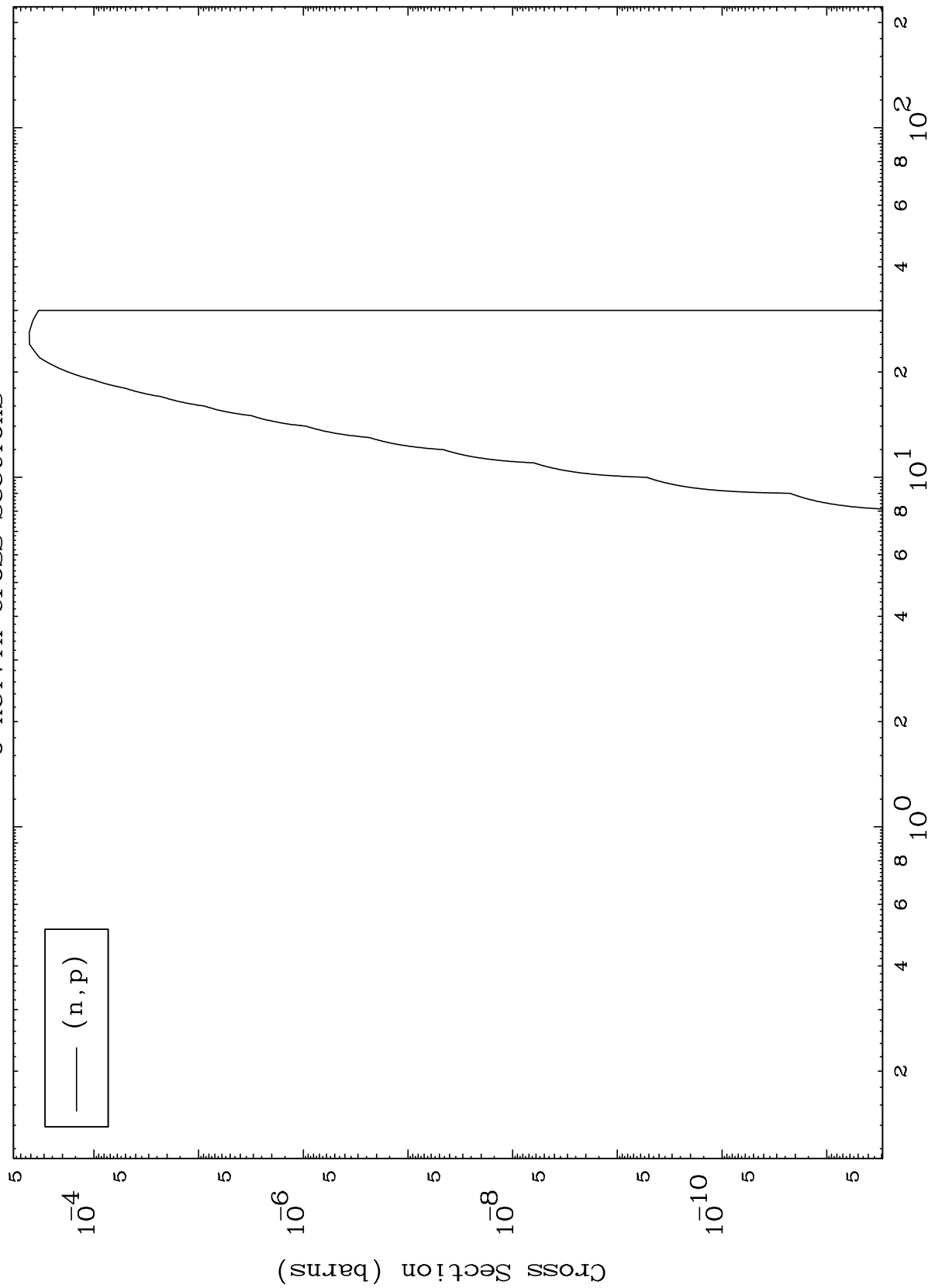




MAT 7737

77-Ir-195

(He-3,p) Levels
0 Kelvin Cross Sections

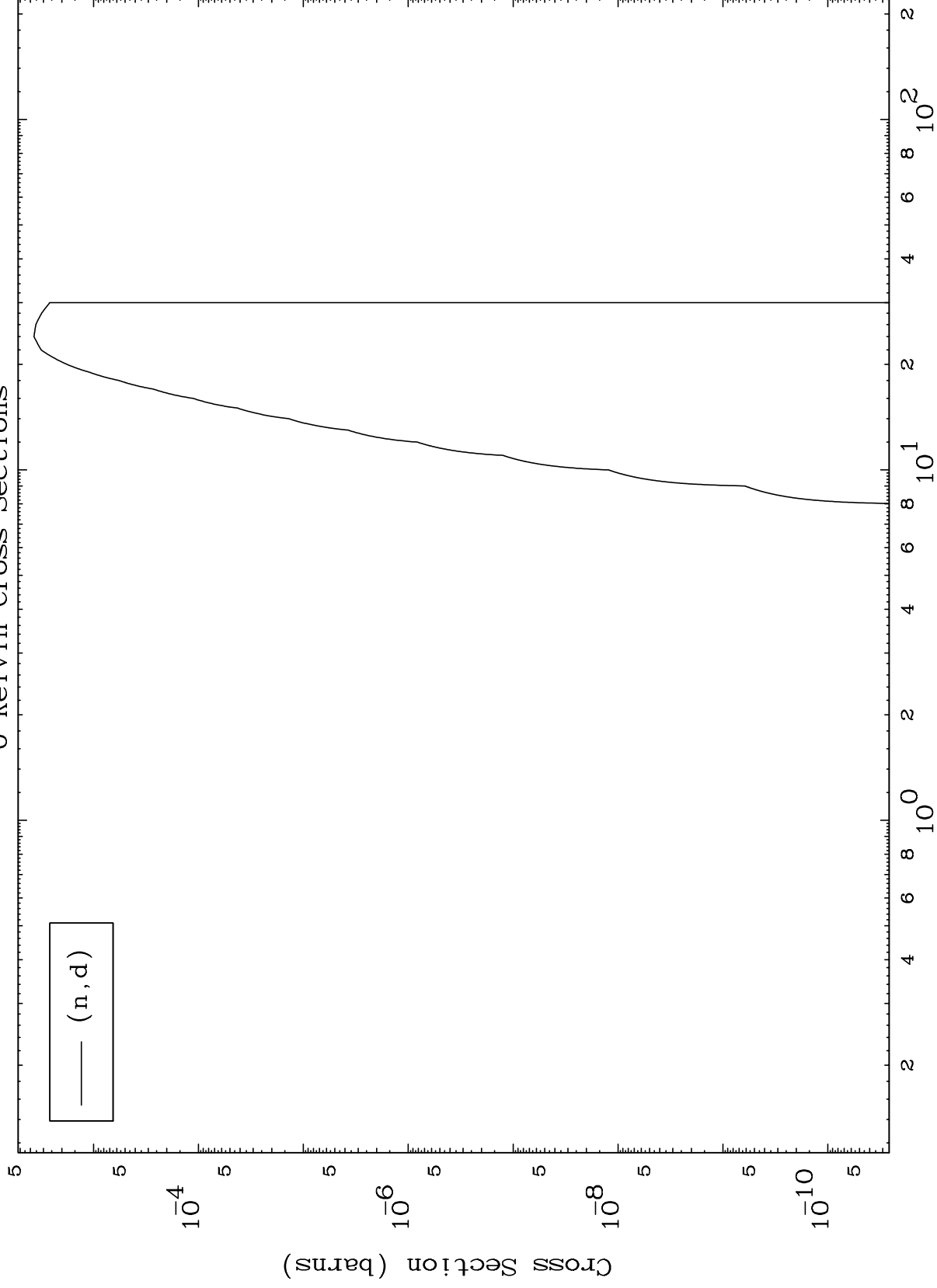


MAT 7737

(He-3,d) Levels

77-Ir-195

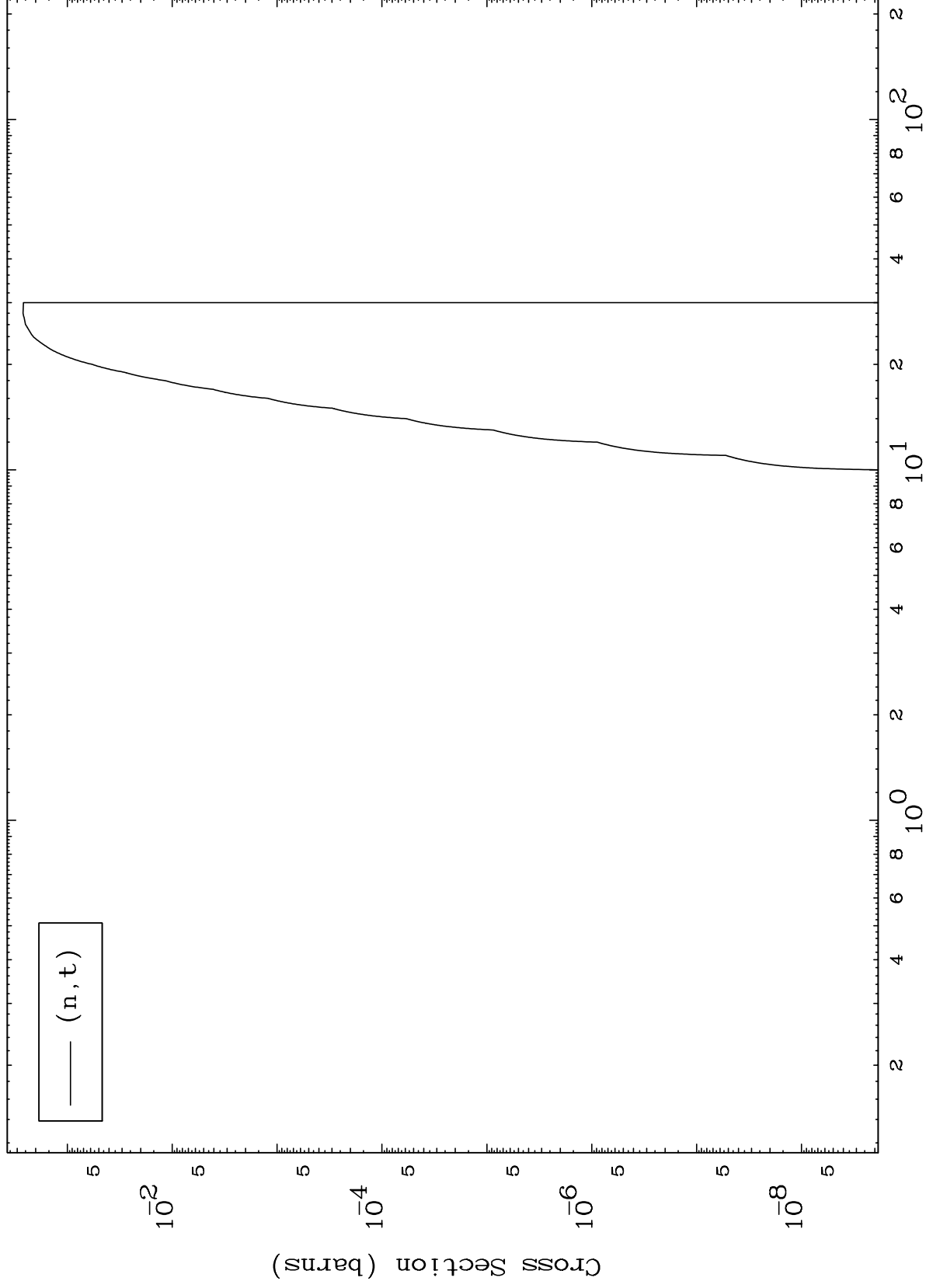
0 Kelvin Cross Sections



MAT 7737

77-Ir-195

(He-3,t) Levels
0 Kelvin Cross Sections

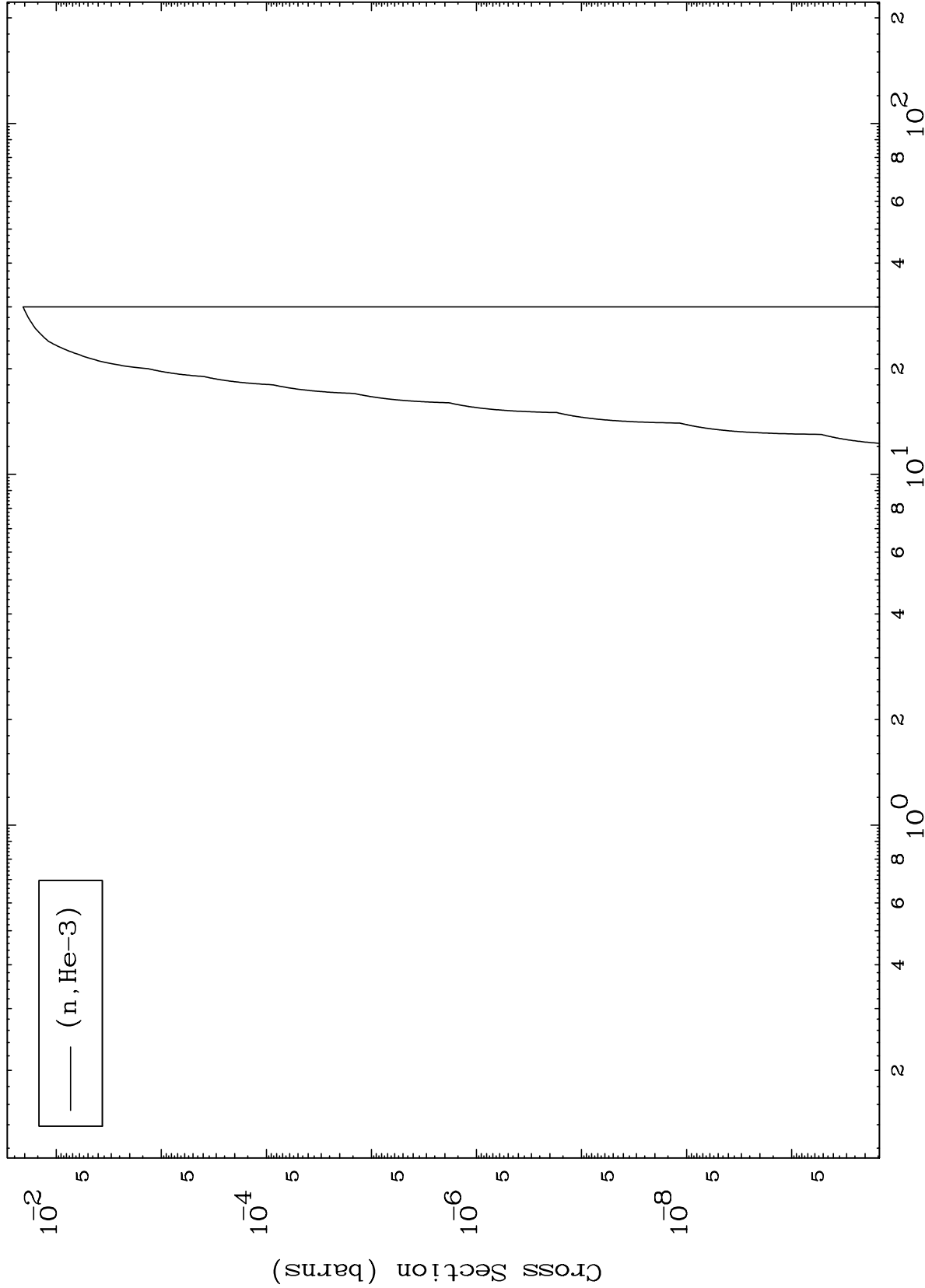


MAT 7737

(He-3, He3) Levels

77-Ir-195

0 Kelvin Cross Sections



10

Incident Energy (MeV)

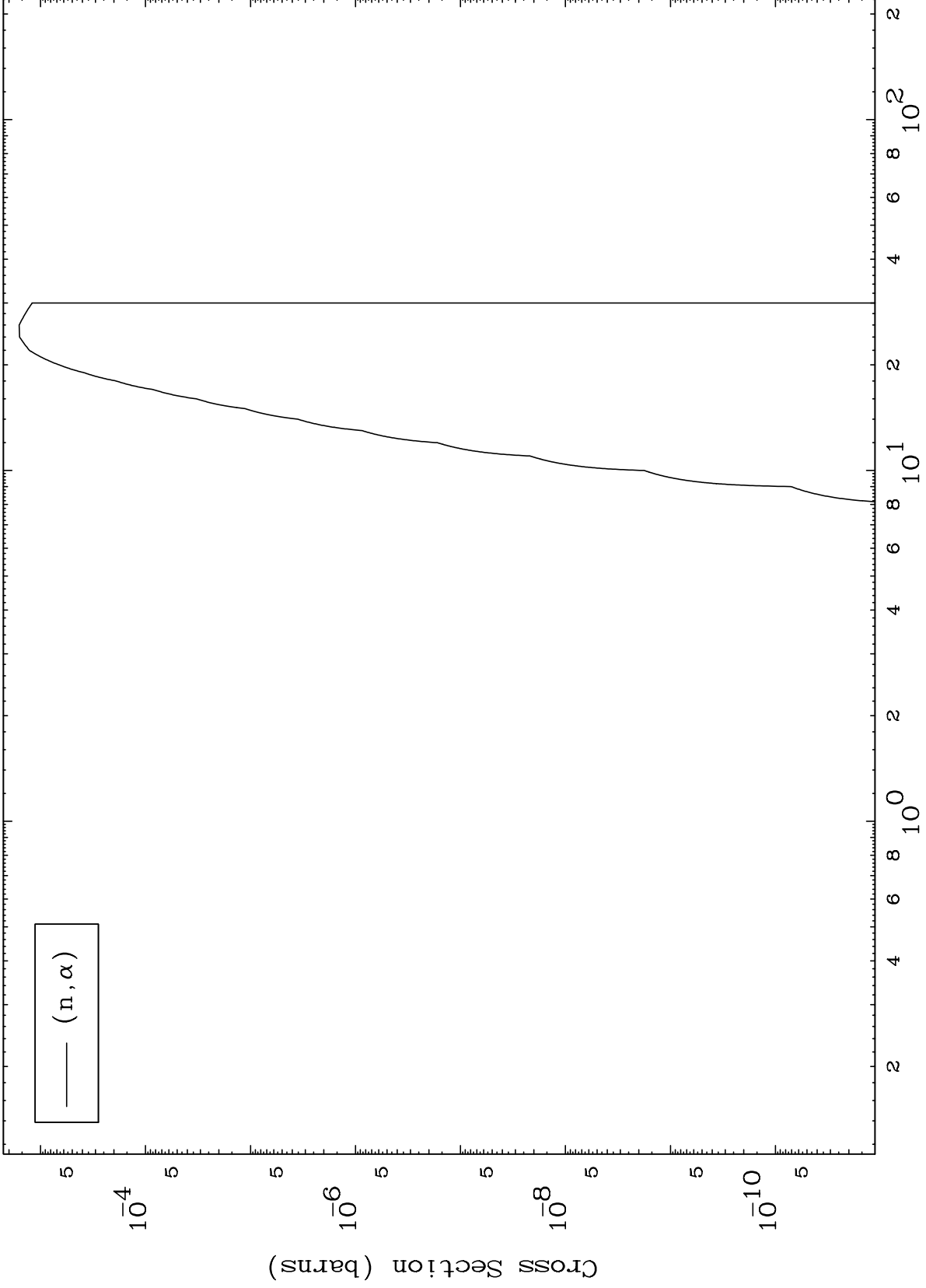
77-Ir-195

MAT 7737

(He-3, α) Levels

77-Ir-195

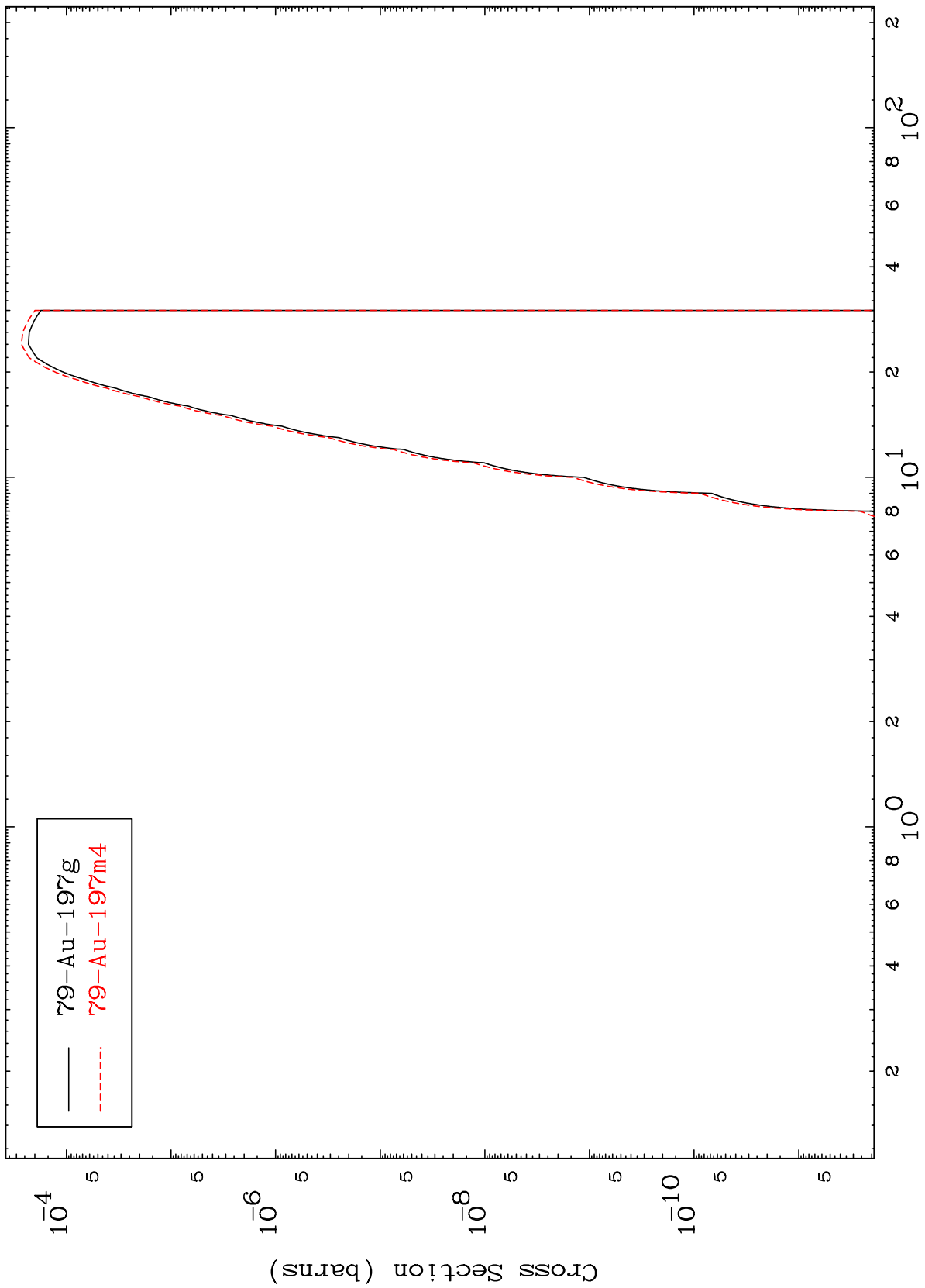
0 Kelvin Cross Sections



MAT 7737

77-Ir-195

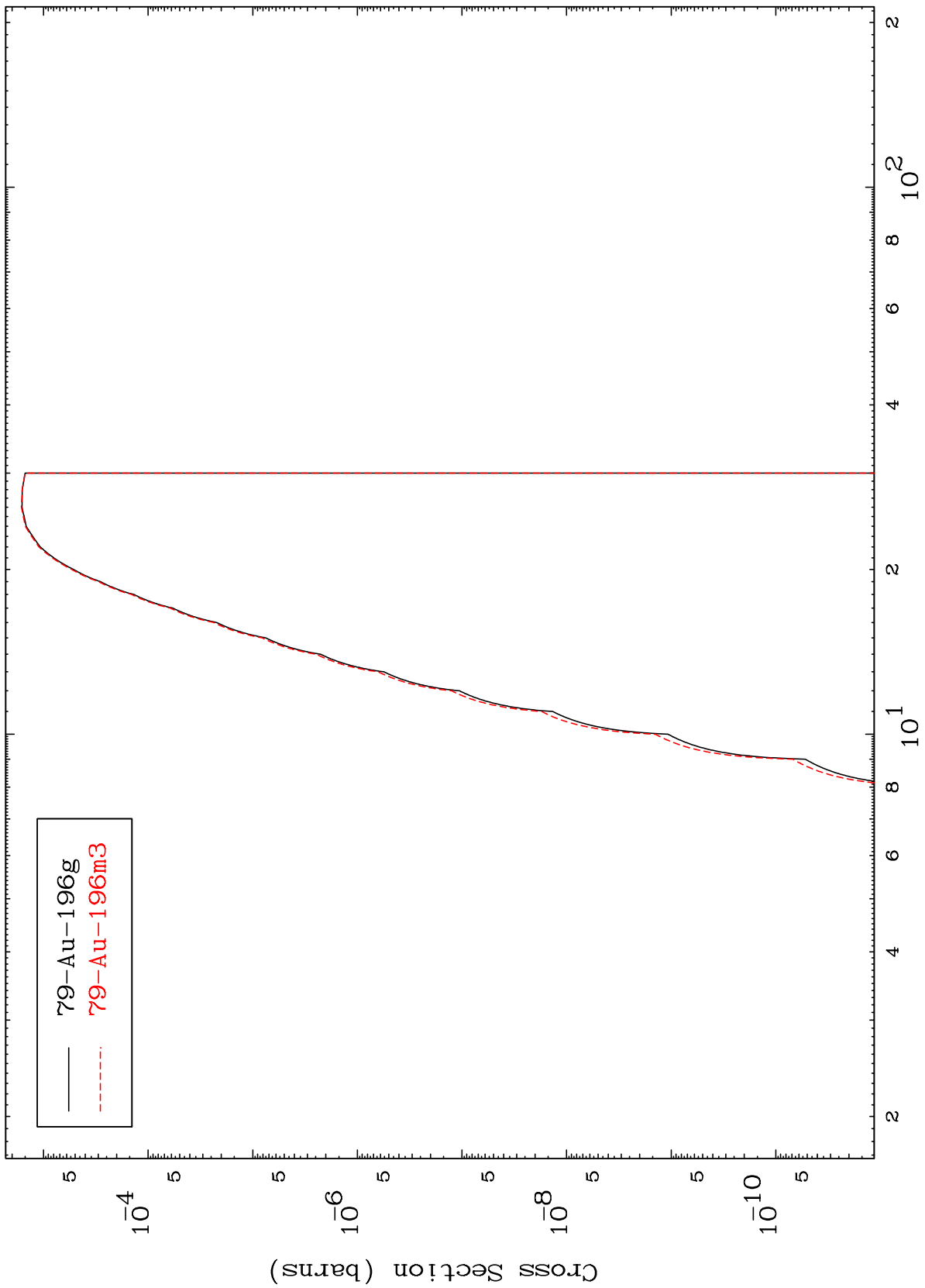
Inelastic
Radionuclide Production Cross Section



MAT 7737

77-Ir-195

Radionuclide Production Cross Section



13

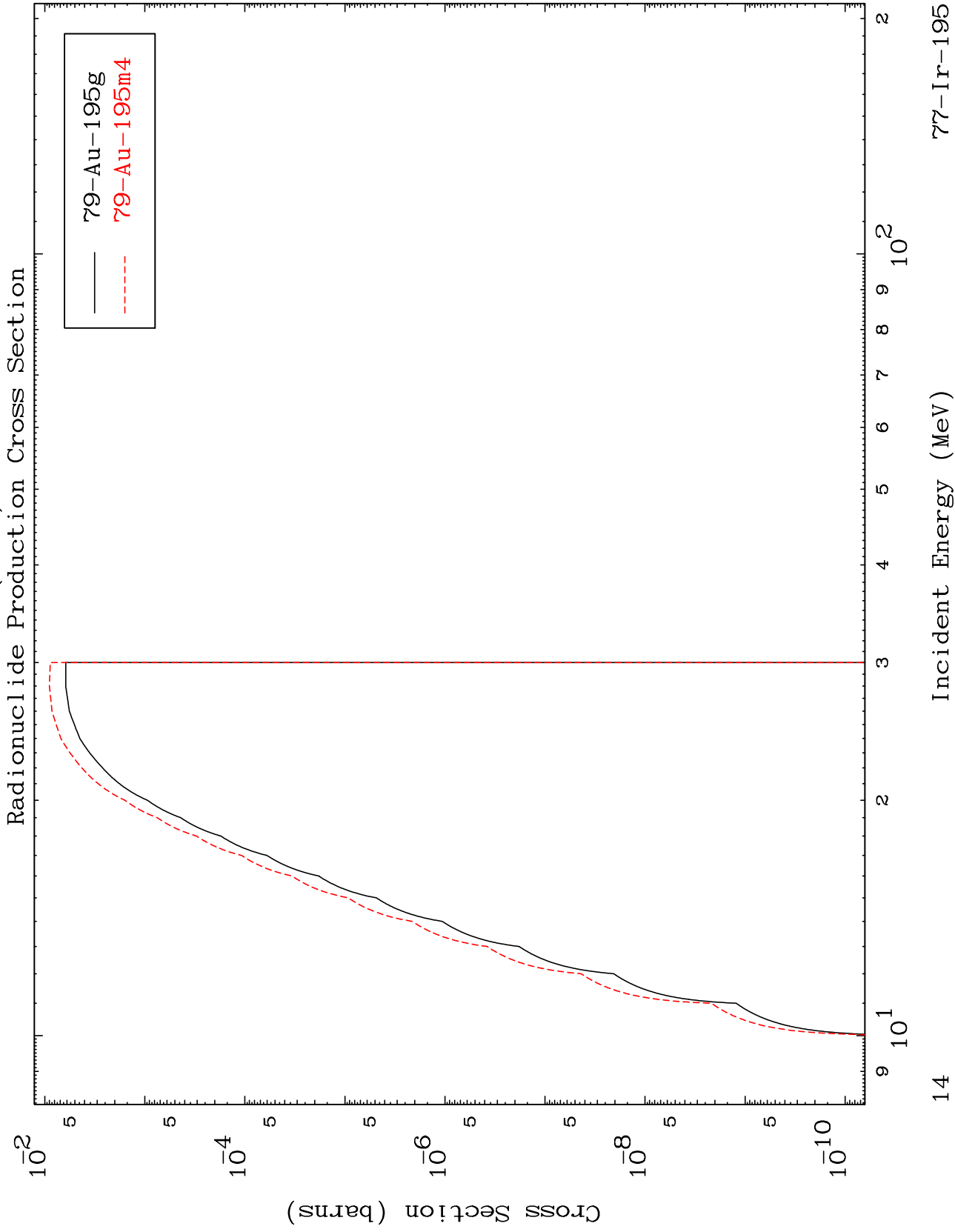
Incident Energy (MeV)

77-Ir-195

MAT 7737

(n,3n)

77-Ir-195



14

77-Ir-195

77-Ir-195

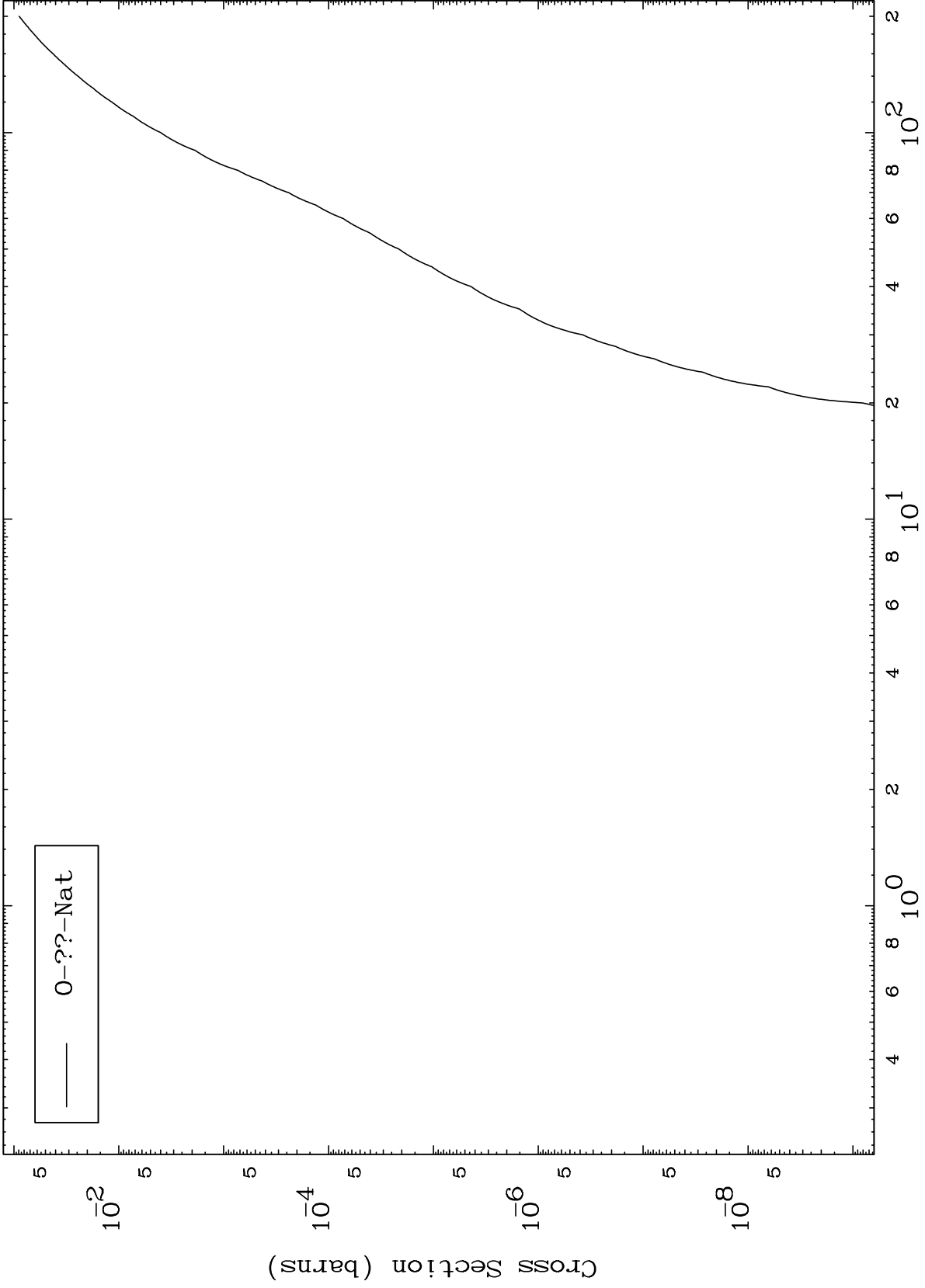
MAT 7737

Fission

⁷⁷Ir-195

Radionuclide Production Cross Section

— 0-??-Nat



15

Incident Energy (MeV)

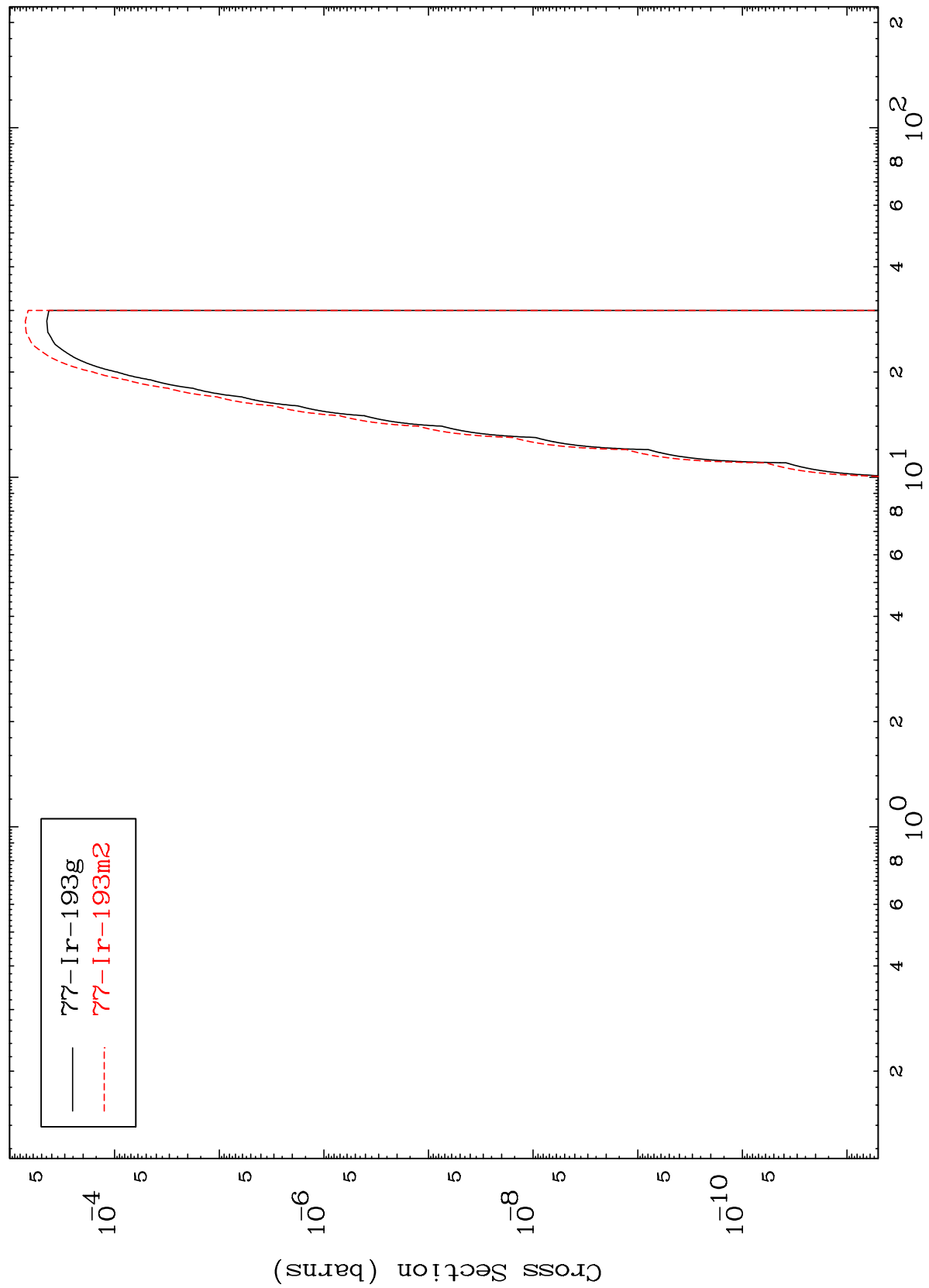
⁷⁷Ir-195

MAT 7737

$(n, n') \alpha$

$^{77}\text{Ir-195}$

Radionuclide Production Cross Section

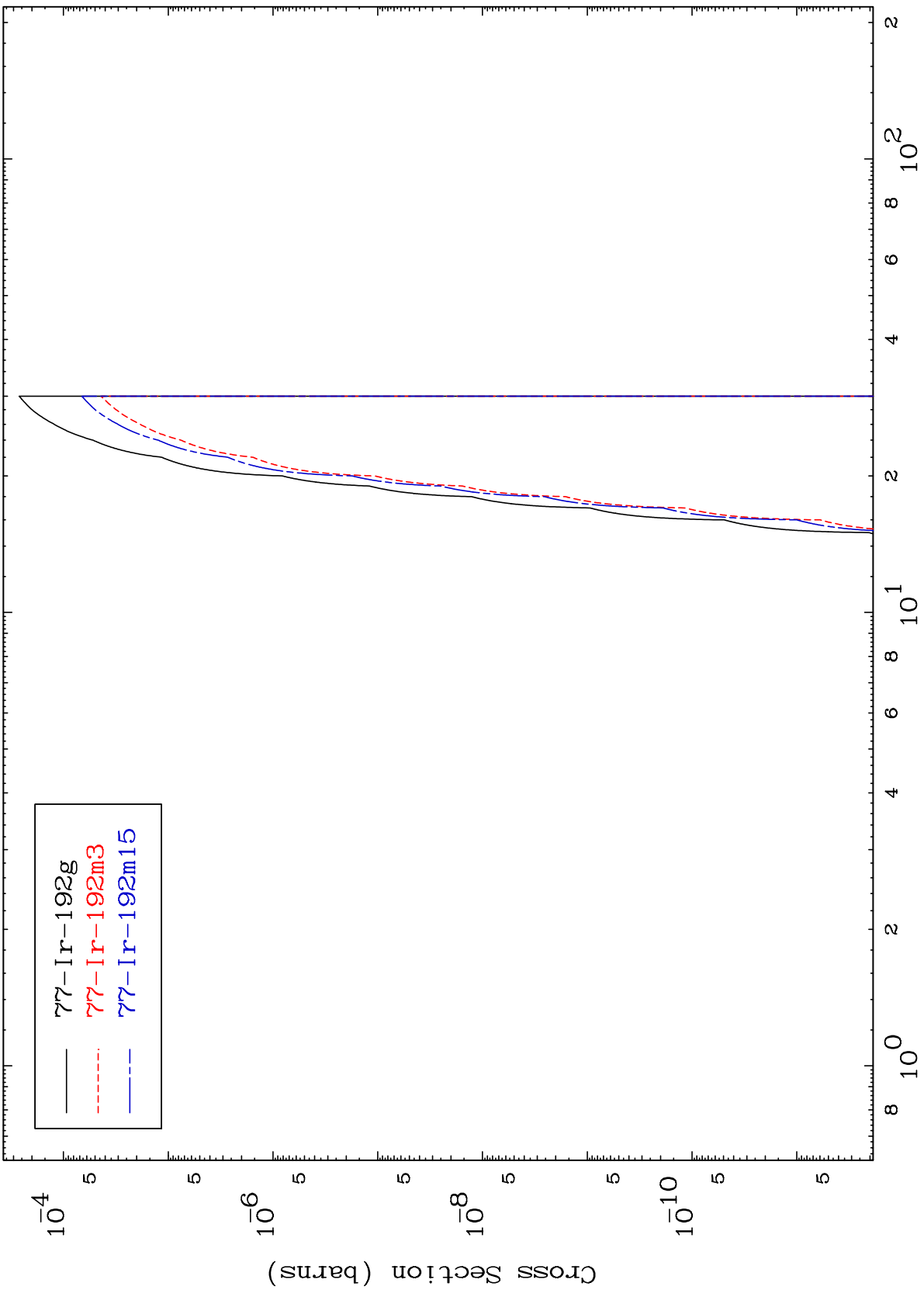


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$(n,2n) \alpha$

$^{77}\text{Ir-195}$

Radionuclide Production Cross Section



17

Incident Energy (MeV)

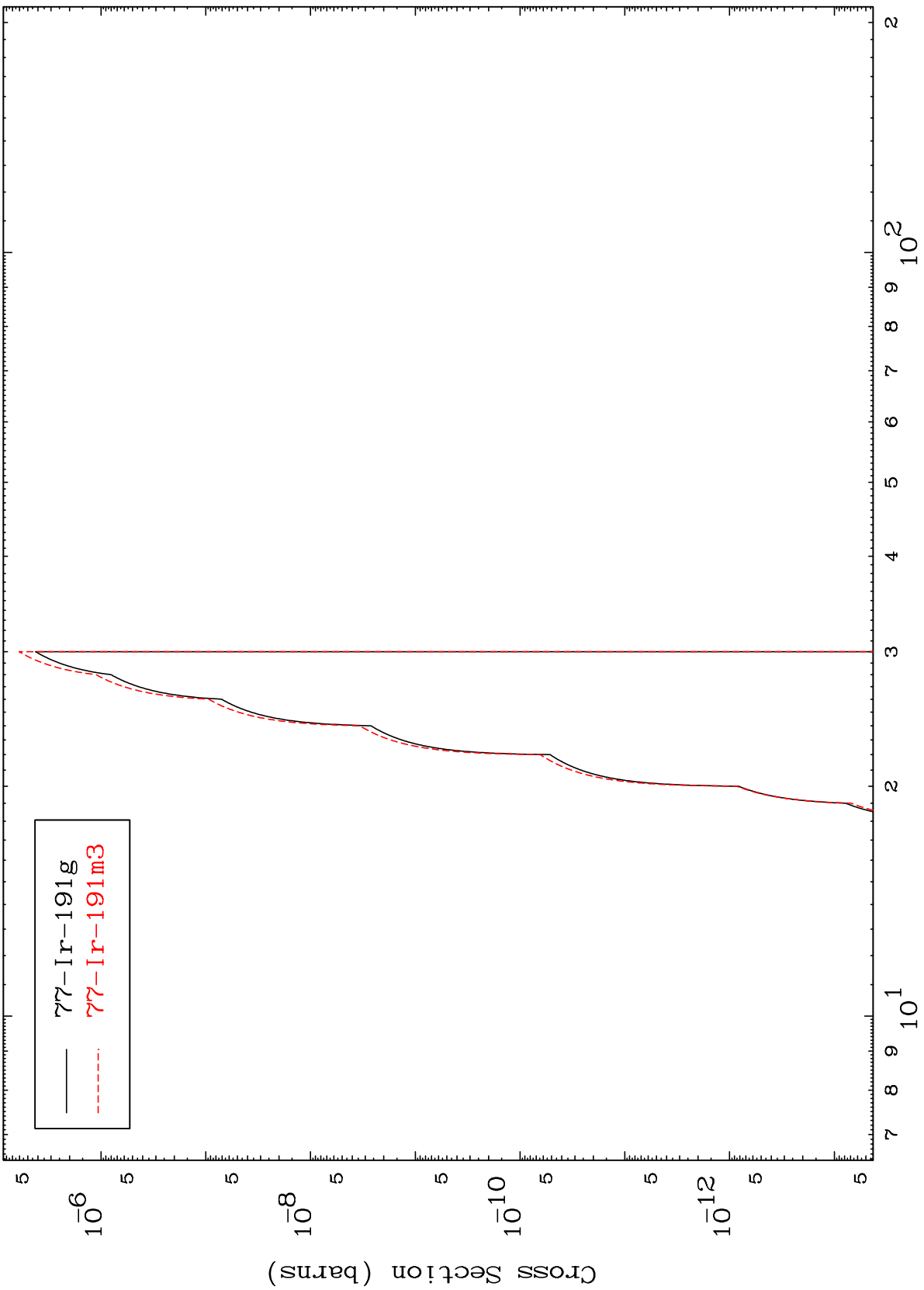
$^{77}\text{Ir-195}$

MAT 7737

^{77}Ir α

$^{77}\text{Ir-195}$

Radionuclide Production Cross Section



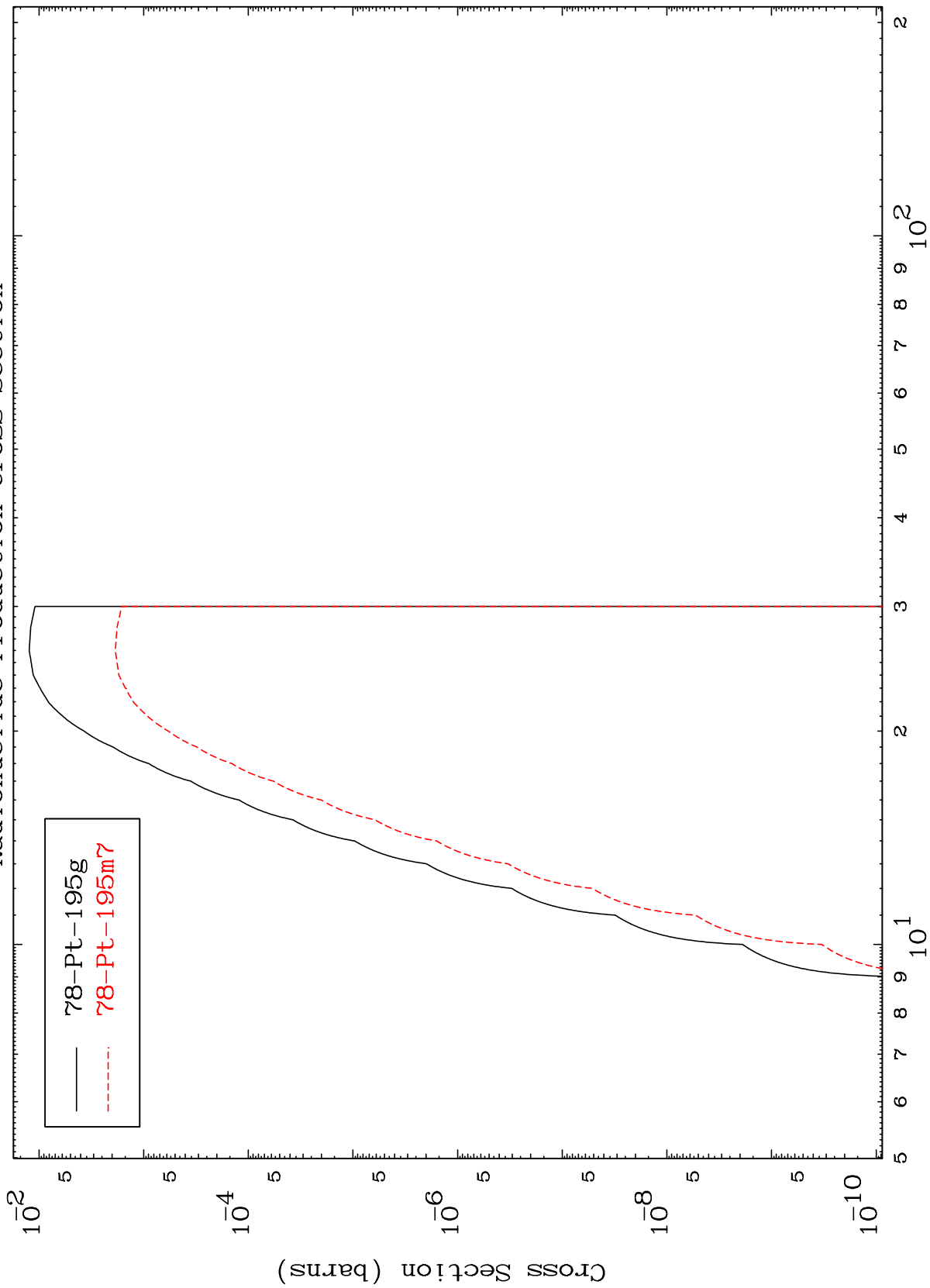
— $^{77}\text{Ir-191g}$
- - - $^{77}\text{Ir-191m3}$

MAT 7737

(n,n') d

⁷⁷Ir-195

Radionuclide Production Cross Section



19

Incident Energy (MeV)

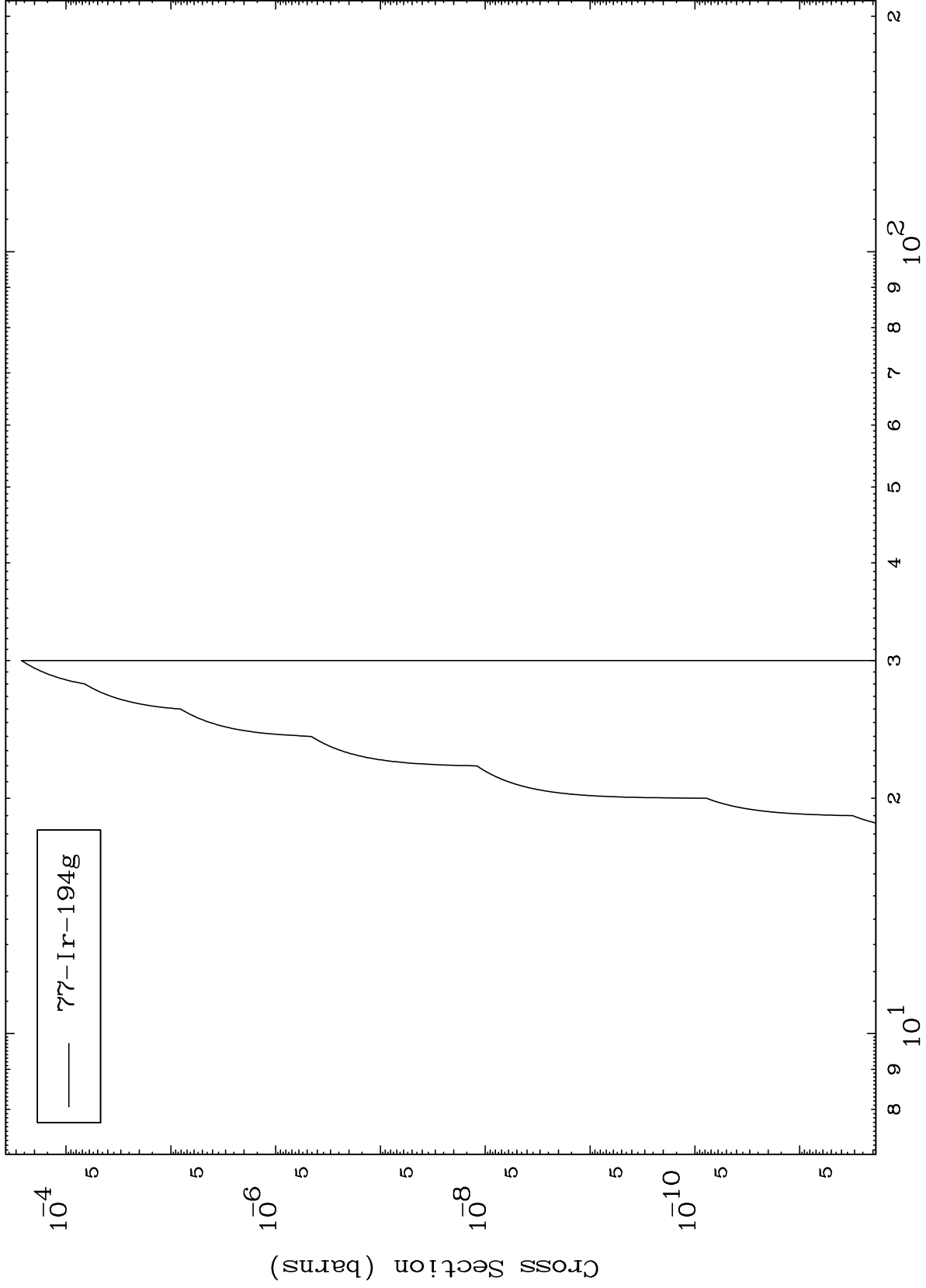
⁷⁷Ir-195

MAT 7737

(n,n') He-3

77-Ir-195

Radionuclide Production Cross Section



20

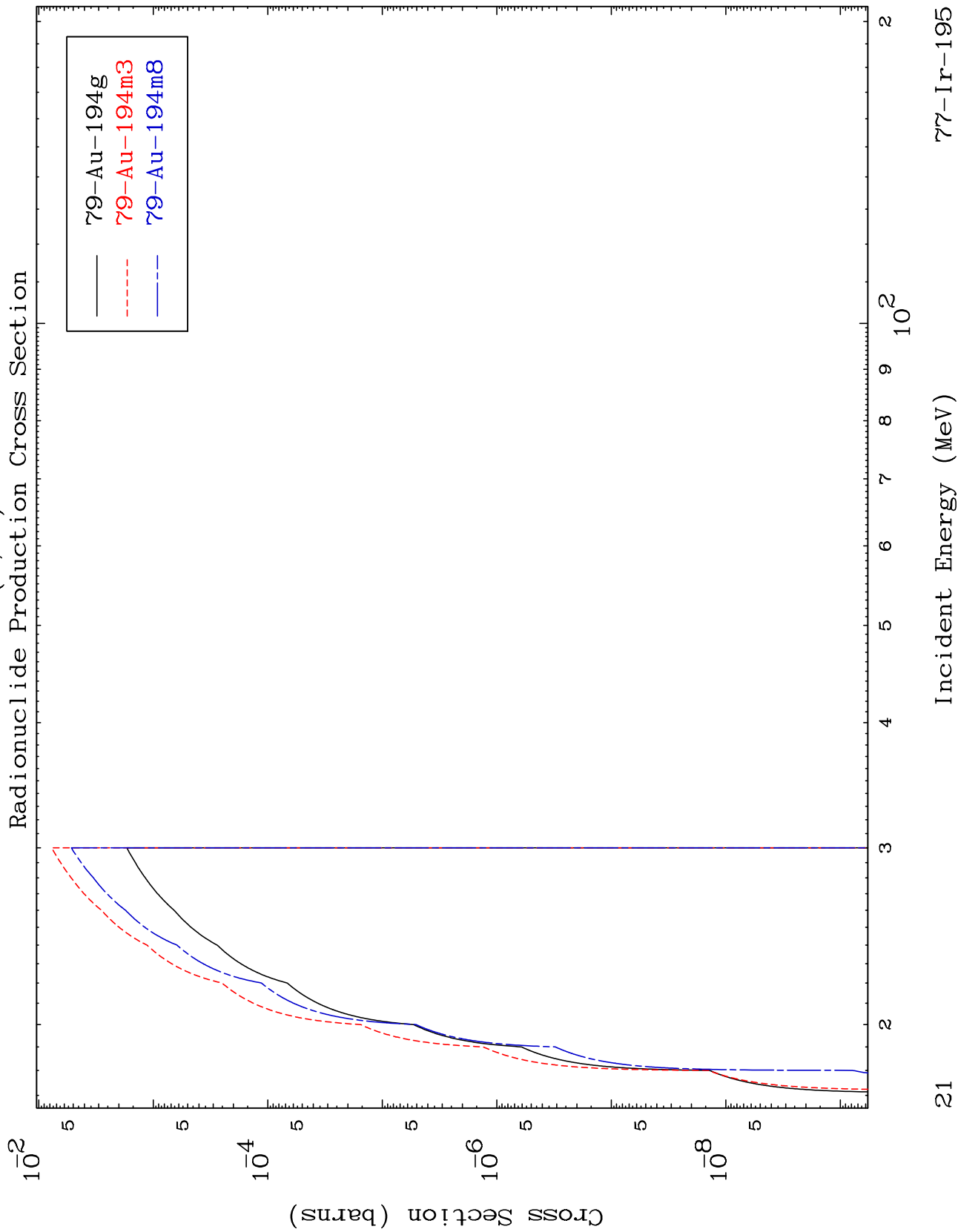
Incident Energy (MeV)

77-Ir-195

MAT 7737

77-Ir-195

(n,4n)
Radionuclide Production Cross Section



21

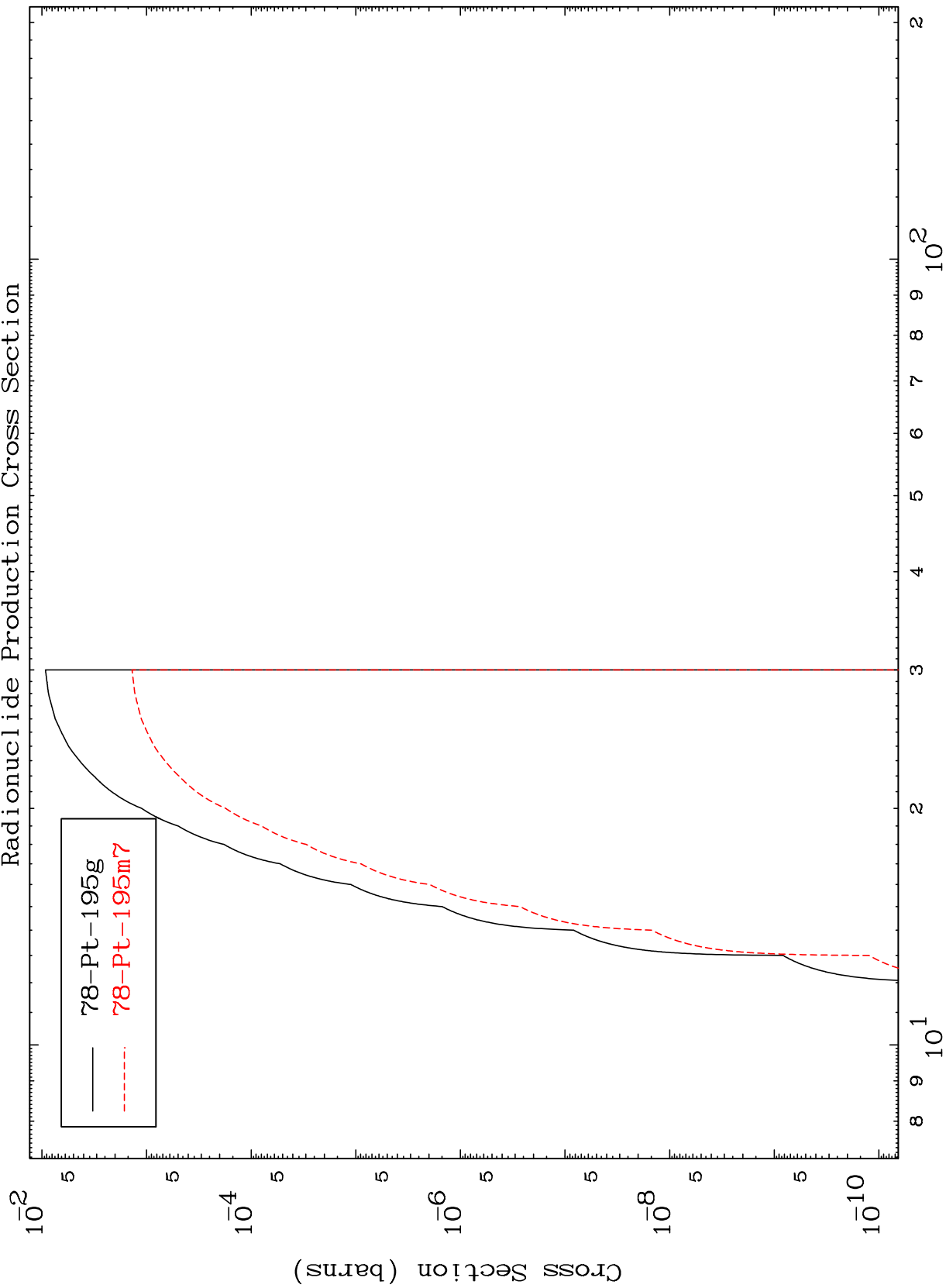
77-Ir-195

MAT 7737

(n,2n) p

⁷⁷Ir-195

Radionuclide Production Cross Section



22

Incident Energy (MeV)

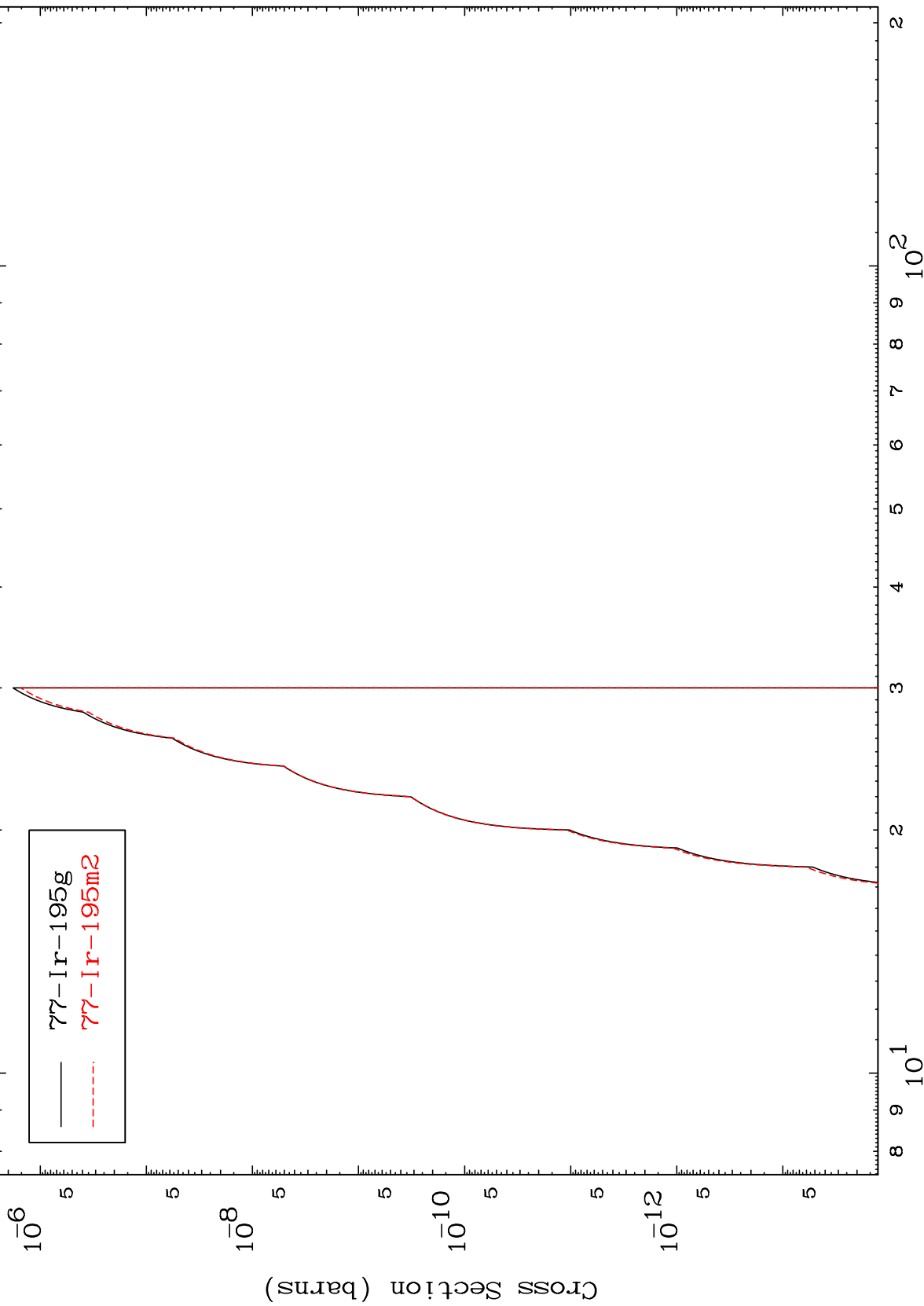
⁷⁷Ir-195

MAT 7737

(n,2n) p

⁷⁷Ir-195

Radionuclide Production Cross Section

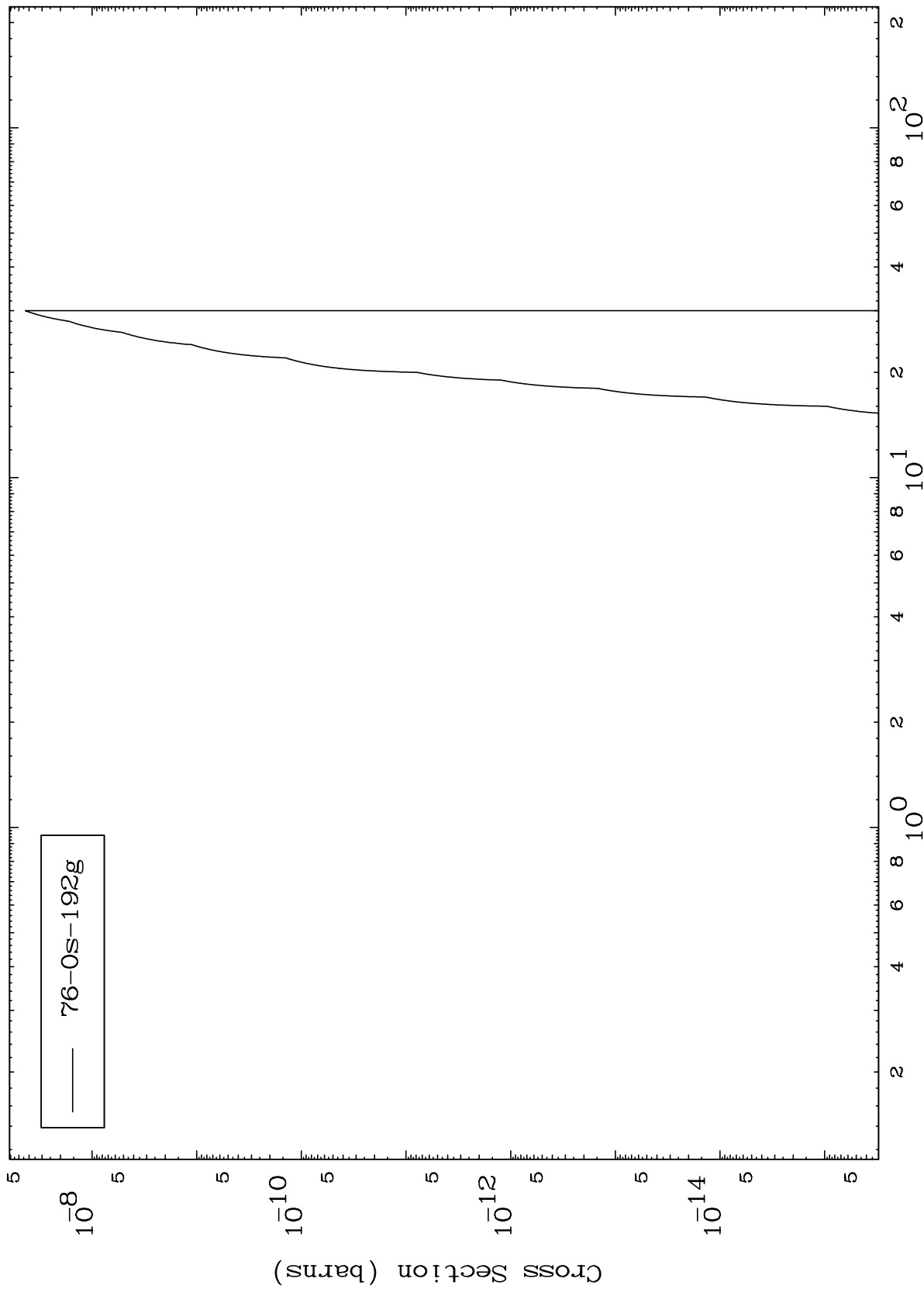


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77-Ir-195

(n,n') p α

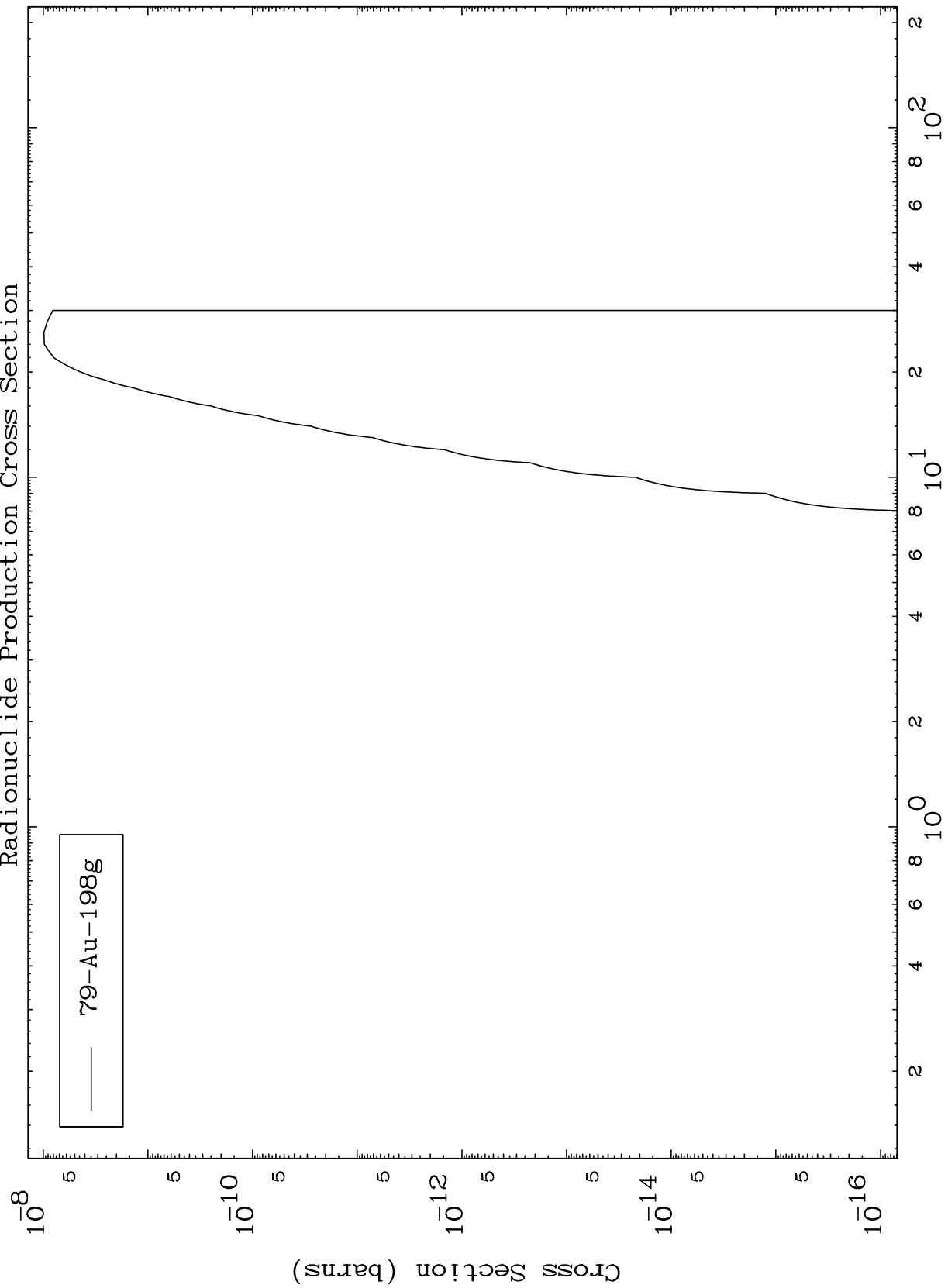
Radionuclide Production Cross Section



MAT 7737

77-Ir-195

Radionuclide Production Cross Section



25

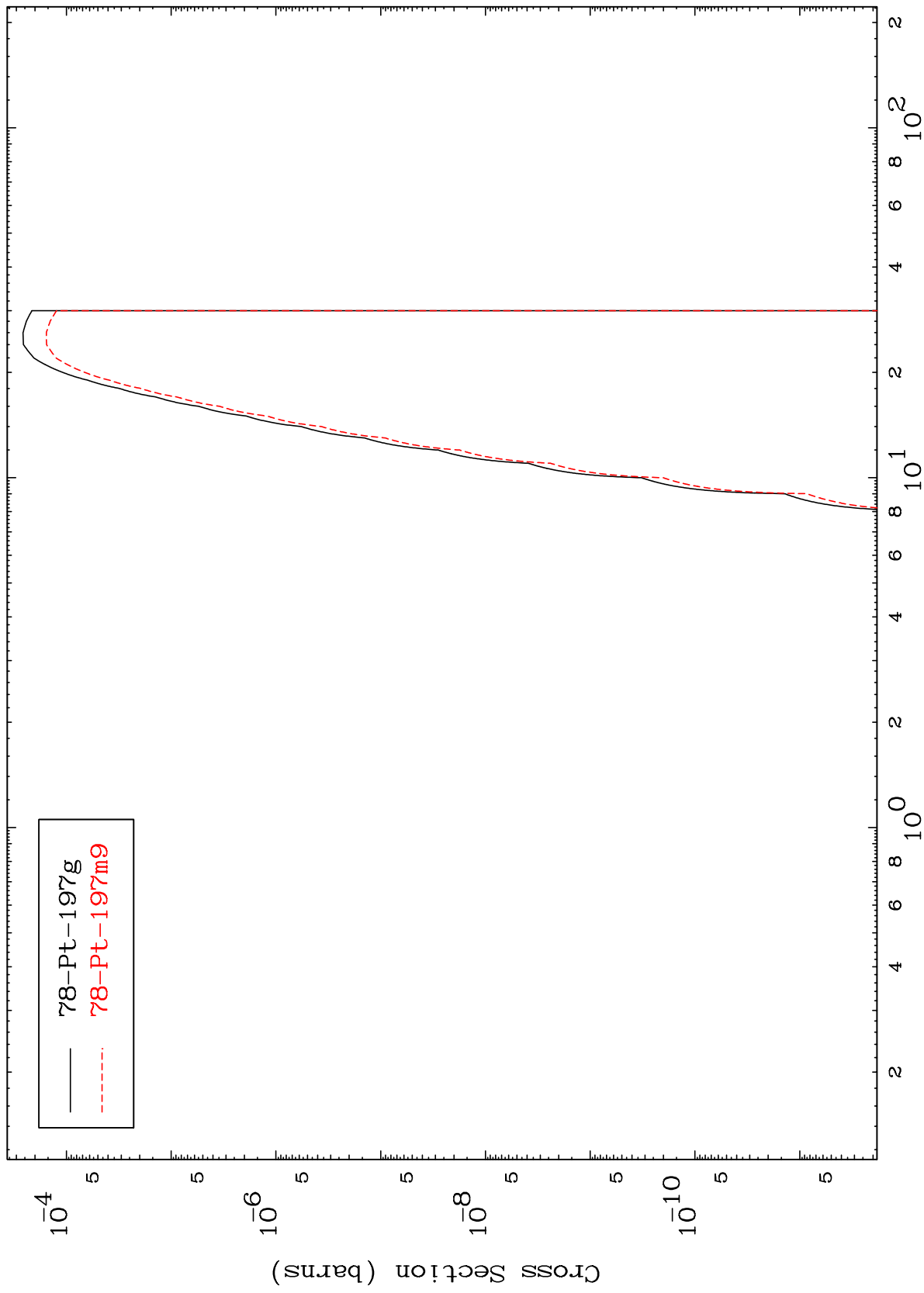
77-Ir-195

Incident Energy (MeV)

MAT 7737

77-Ir-195

(n,p)
Radionuclide Production Cross Section



77-Ir-195

Incident Energy (MeV)

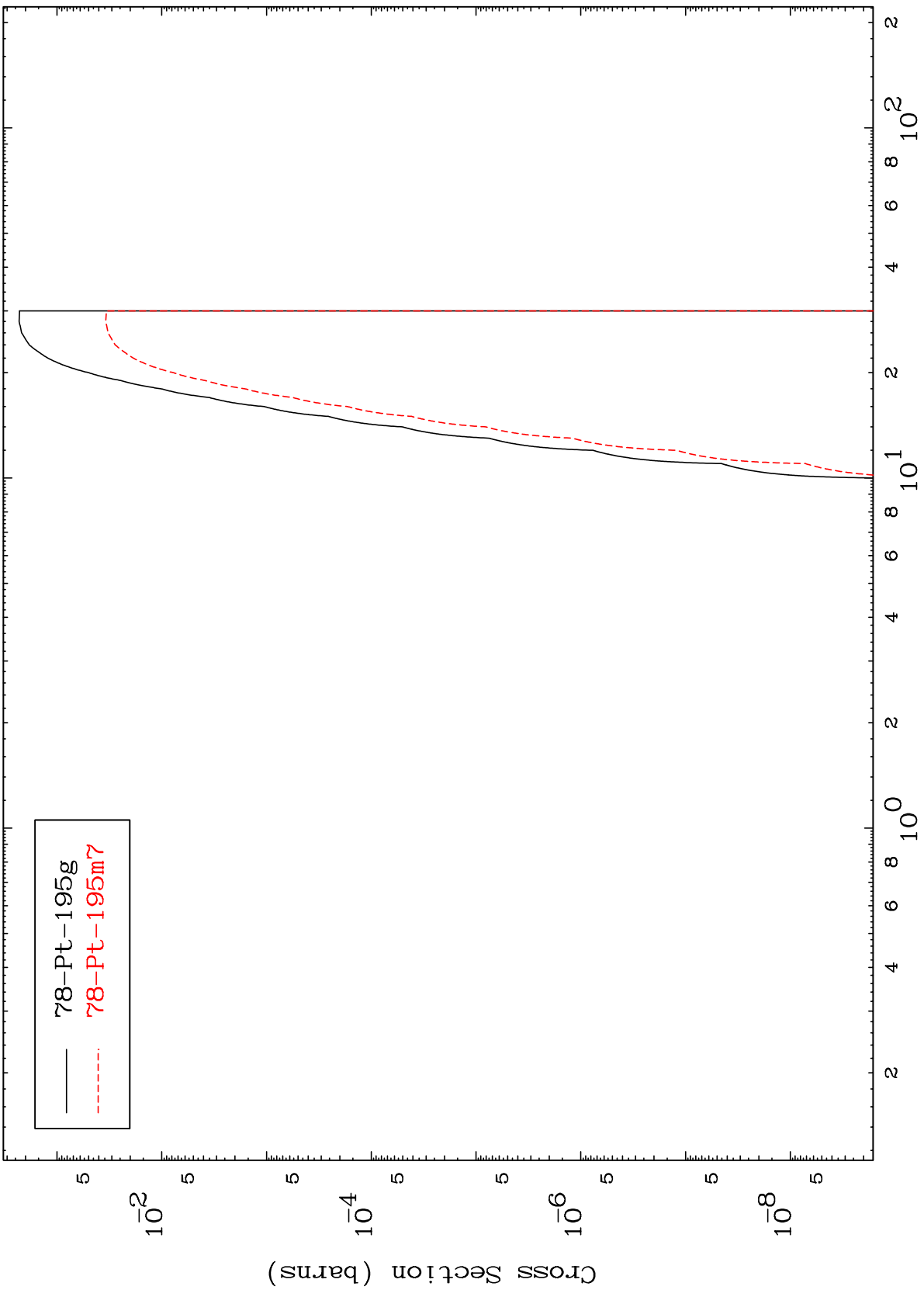
26

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(n, t)

⁷⁷Ir-195

Radionuclide Production Cross Section



27

Incident Energy (MeV)

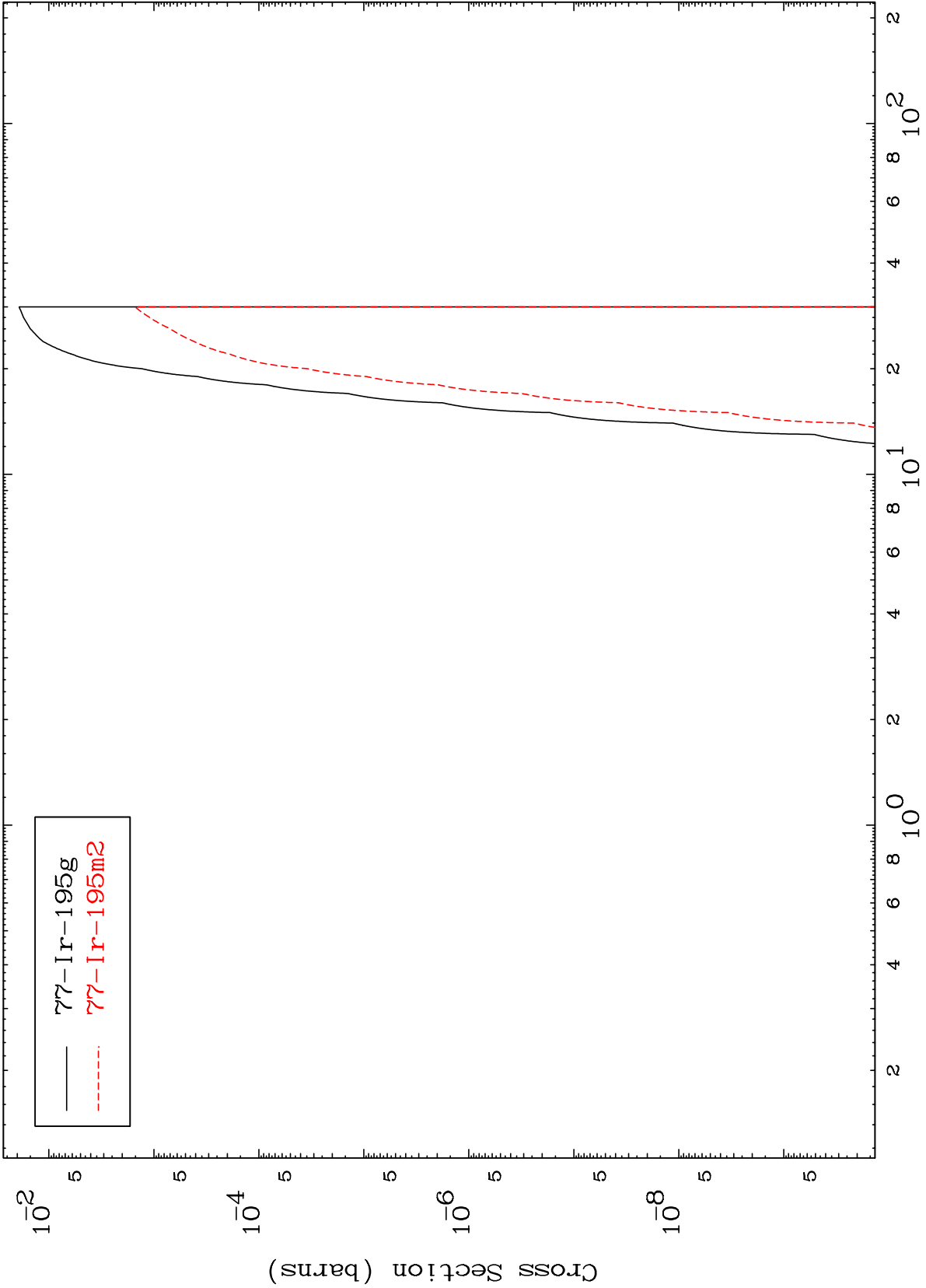
⁷⁷Ir-195

MAT 7737

(n,He-3)

77-Ir-195

Radionuclide Production Cross Section

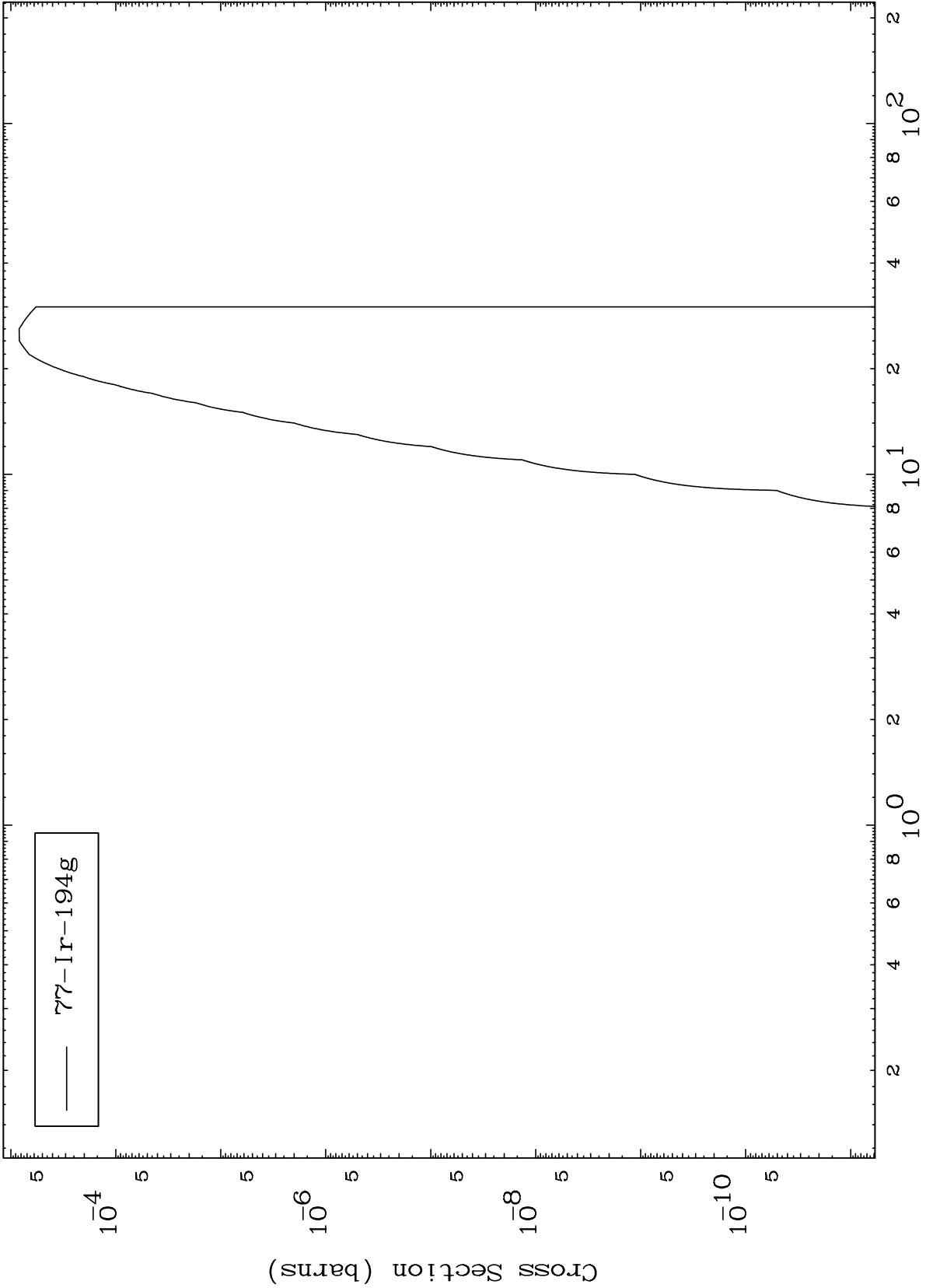


— 77-Ir-195g
- - - 77-Ir-195m2

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77-Ir-195

(n, α)
Radionuclide Production Cross Section



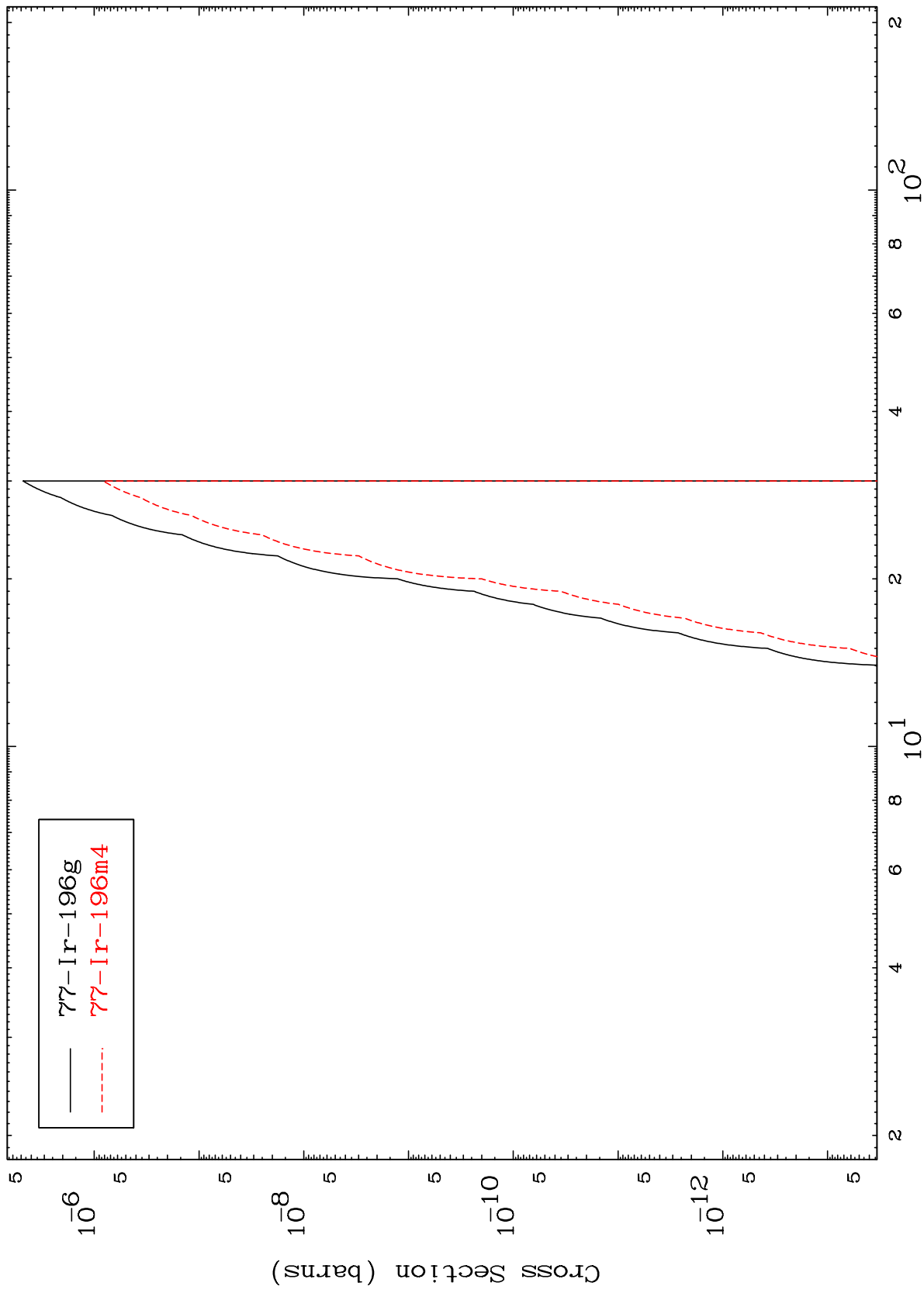
29

77-Ir-195

MAT 7737

77-Ir-195

(n,2p)
Radionuclide Production Cross Section



77-Ir-195

Incident Energy (MeV)

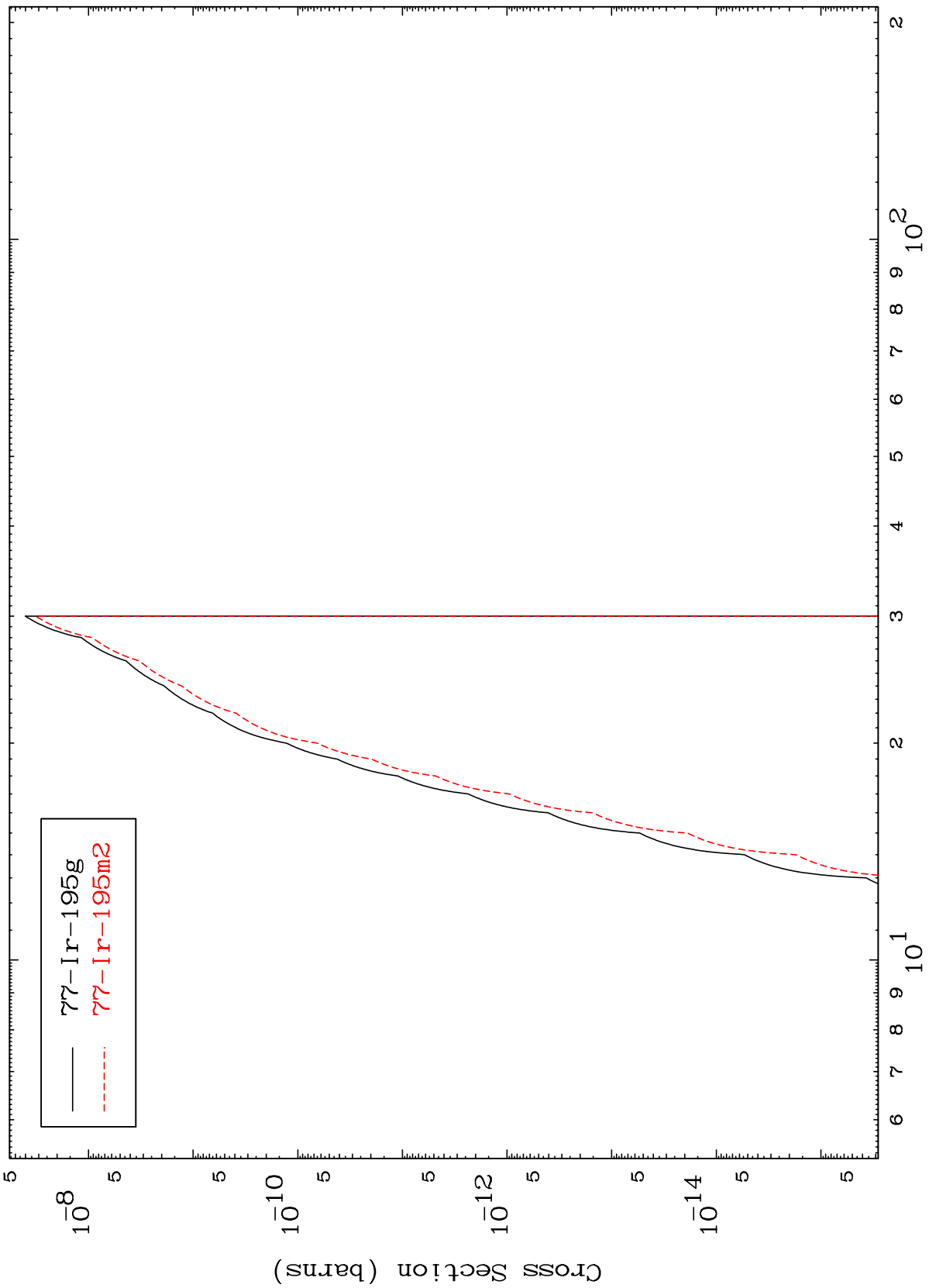
30

MAT 7737

(n,p) d

⁷⁷Ir-195

Radionuclide Production Cross Section

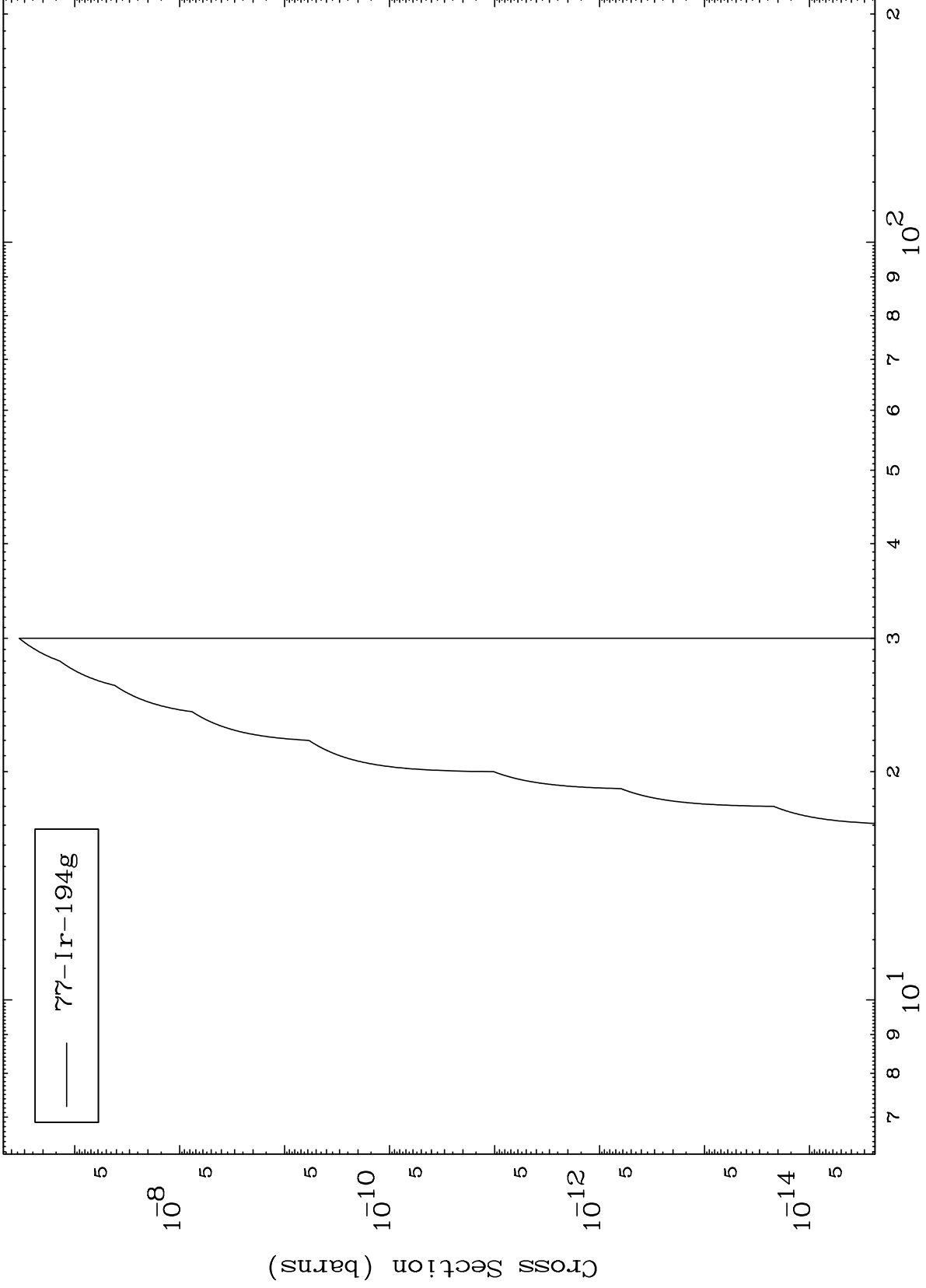


MAT 7737

(n,p) t

⁷⁷Ir-195

Radionuclide Production Cross Section



32

Incident Energy (MeV)

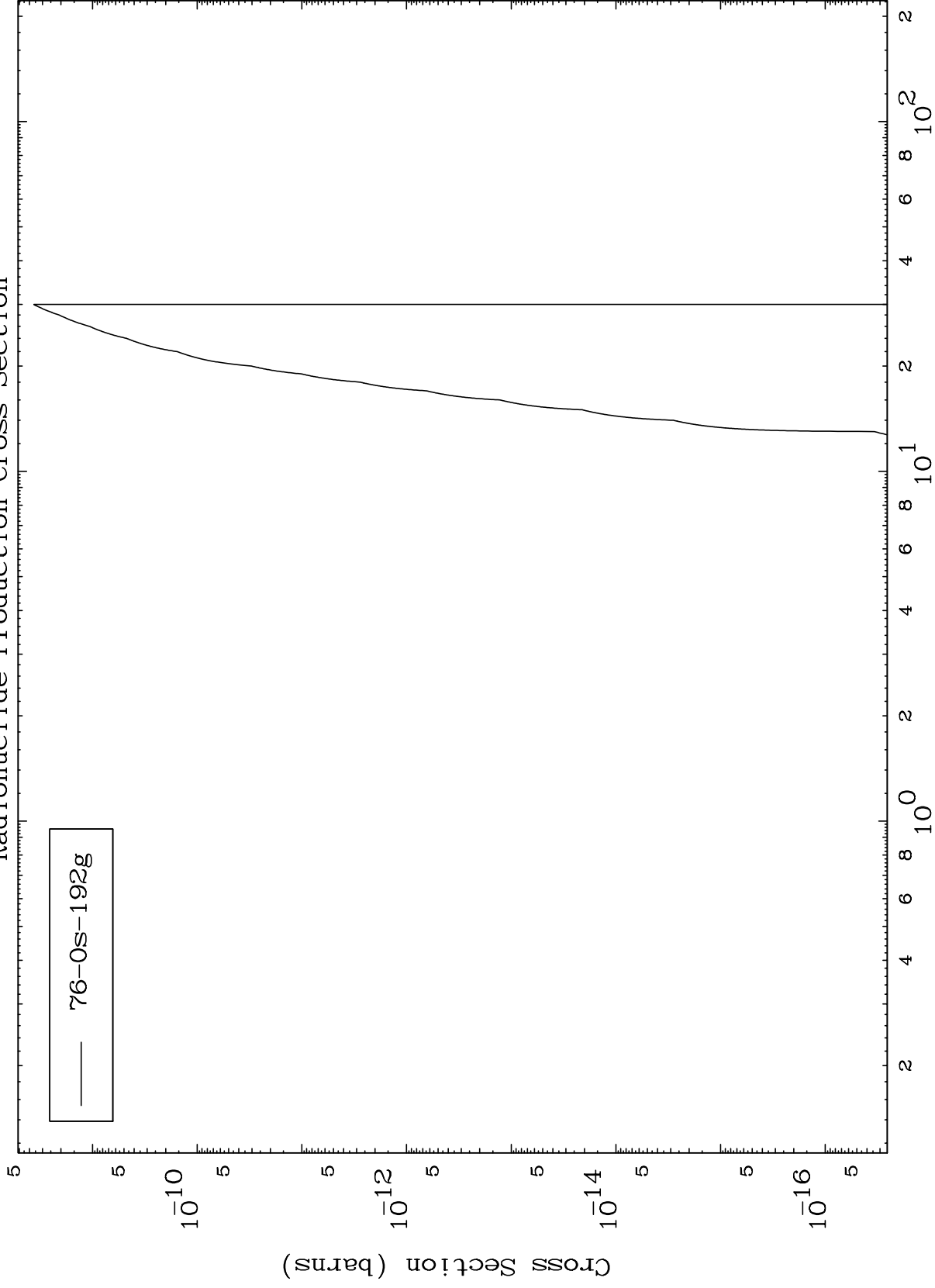
⁷⁷Ir-195

MAT 7737

(n,d) α

⁷⁷Ir-195

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁷Ir-195

33