

Program EVALPLOT
(Version 2021-1)

by

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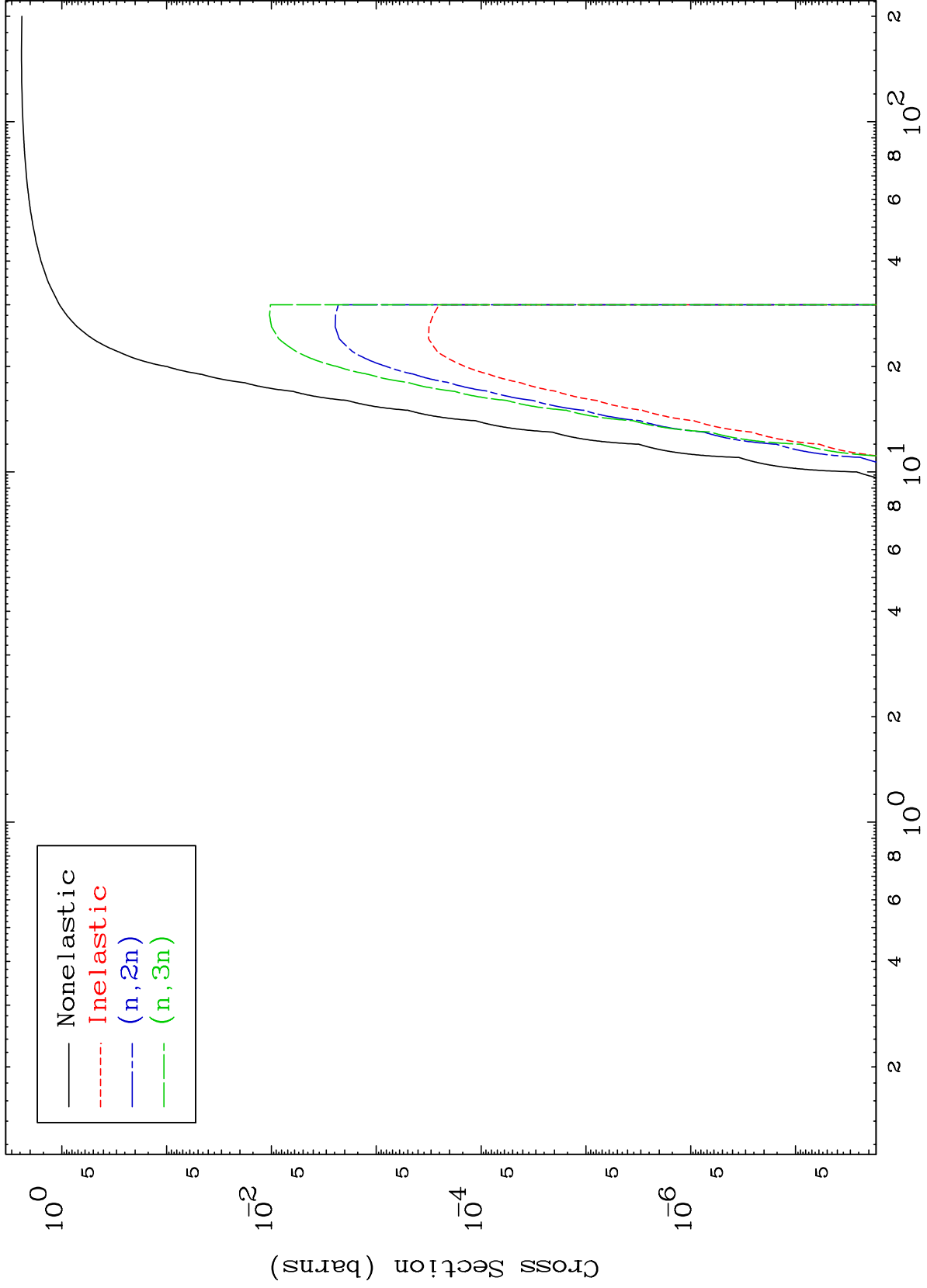
Press Mouse Button to Start

MAT 7746

He-3 Major

0 Kelvin Cross Sections

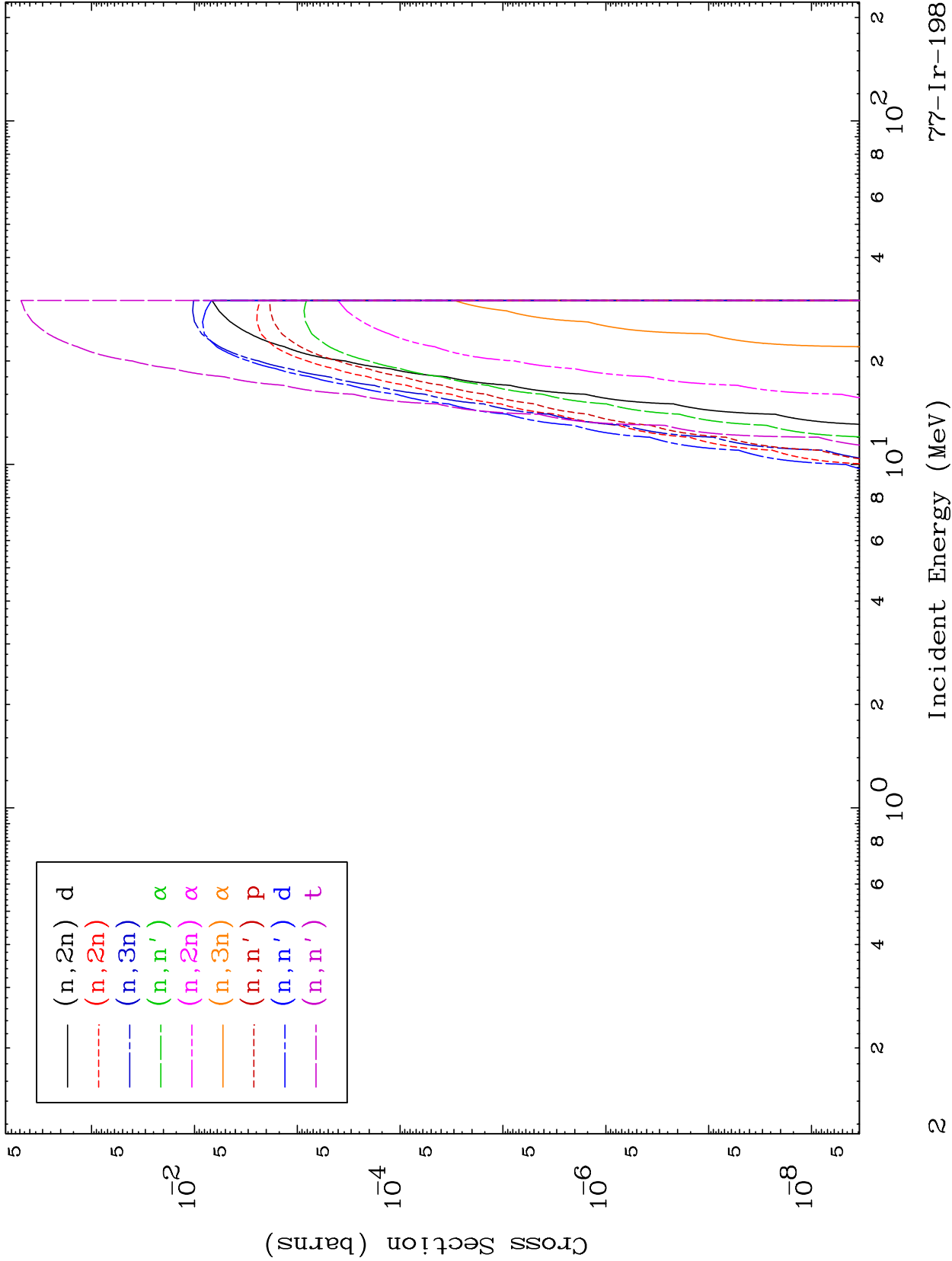
77-Ir-198



MAT 7746

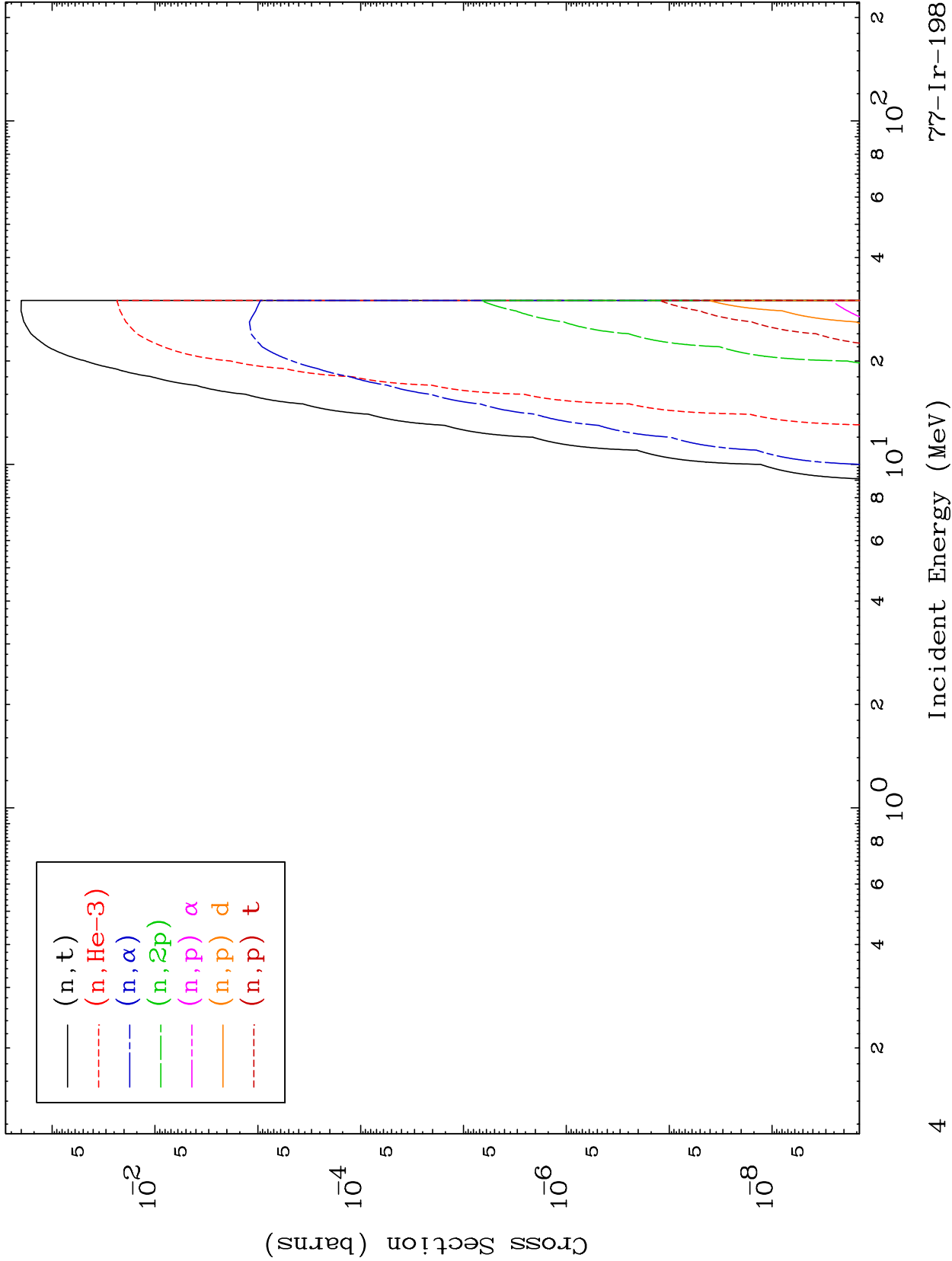
He-3 Neutron Absorption
0 Kelvin Cross Sections

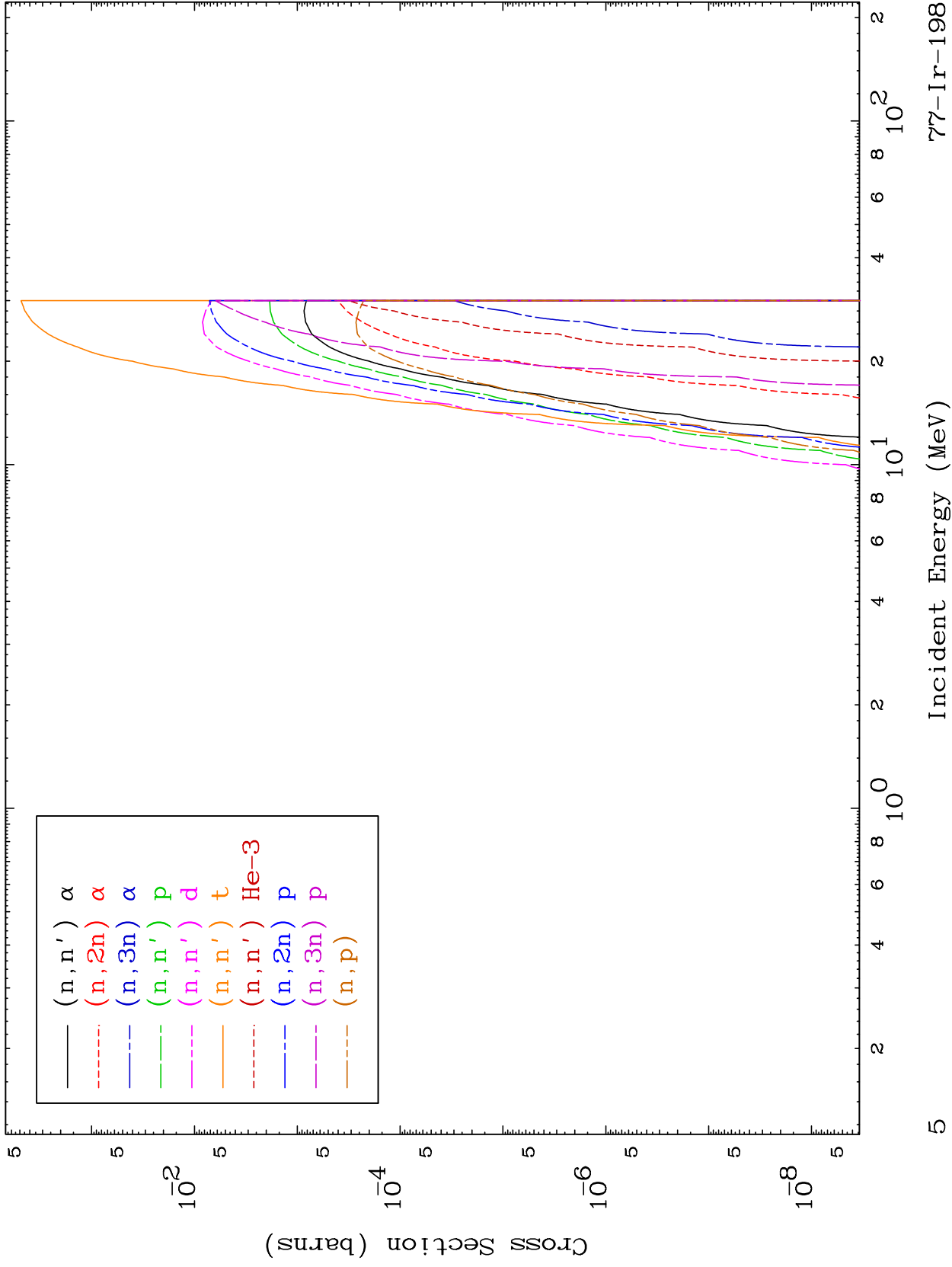
77-Ir-198

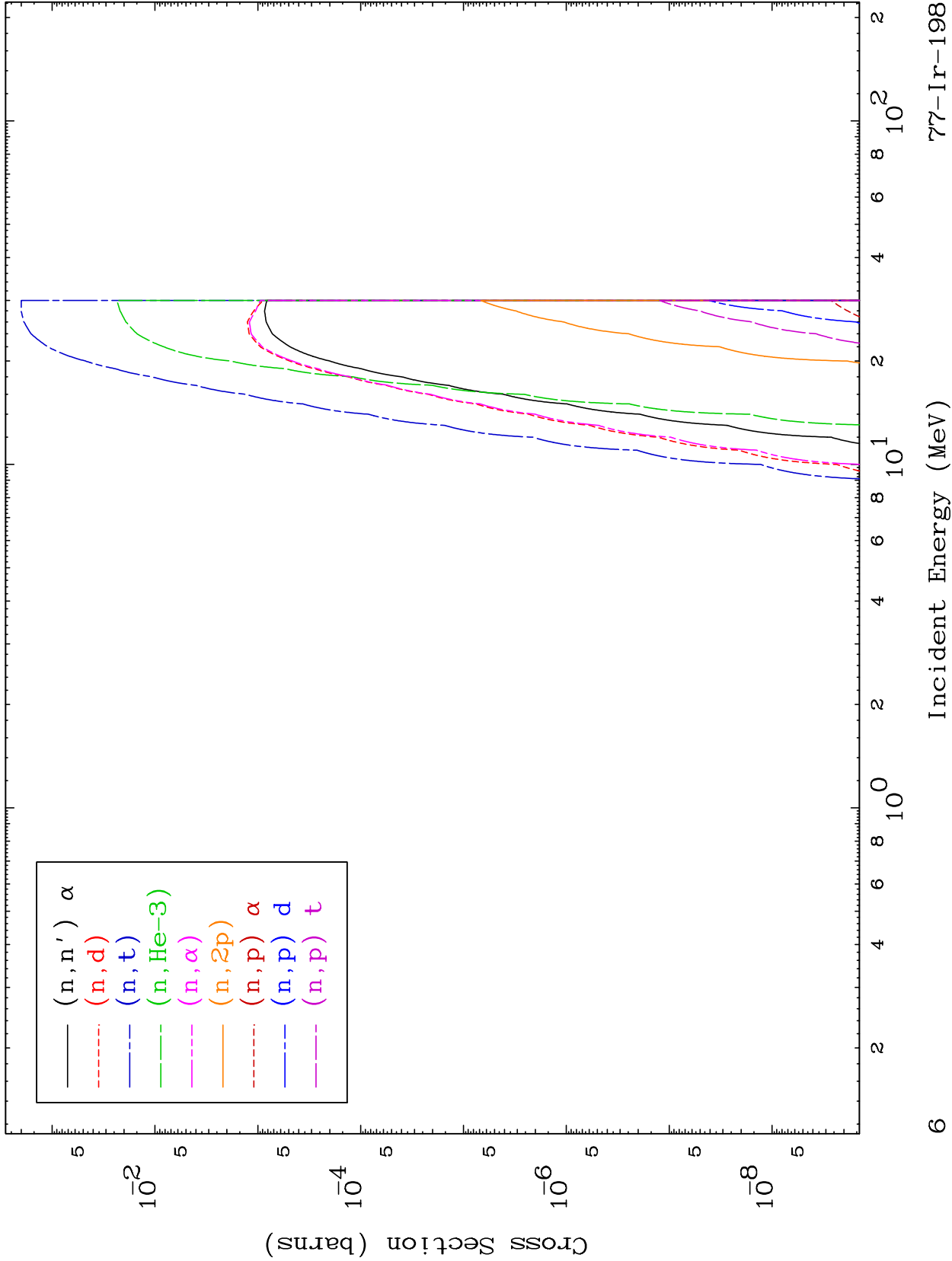


77-Ir-198

Incident Energy (MeV)



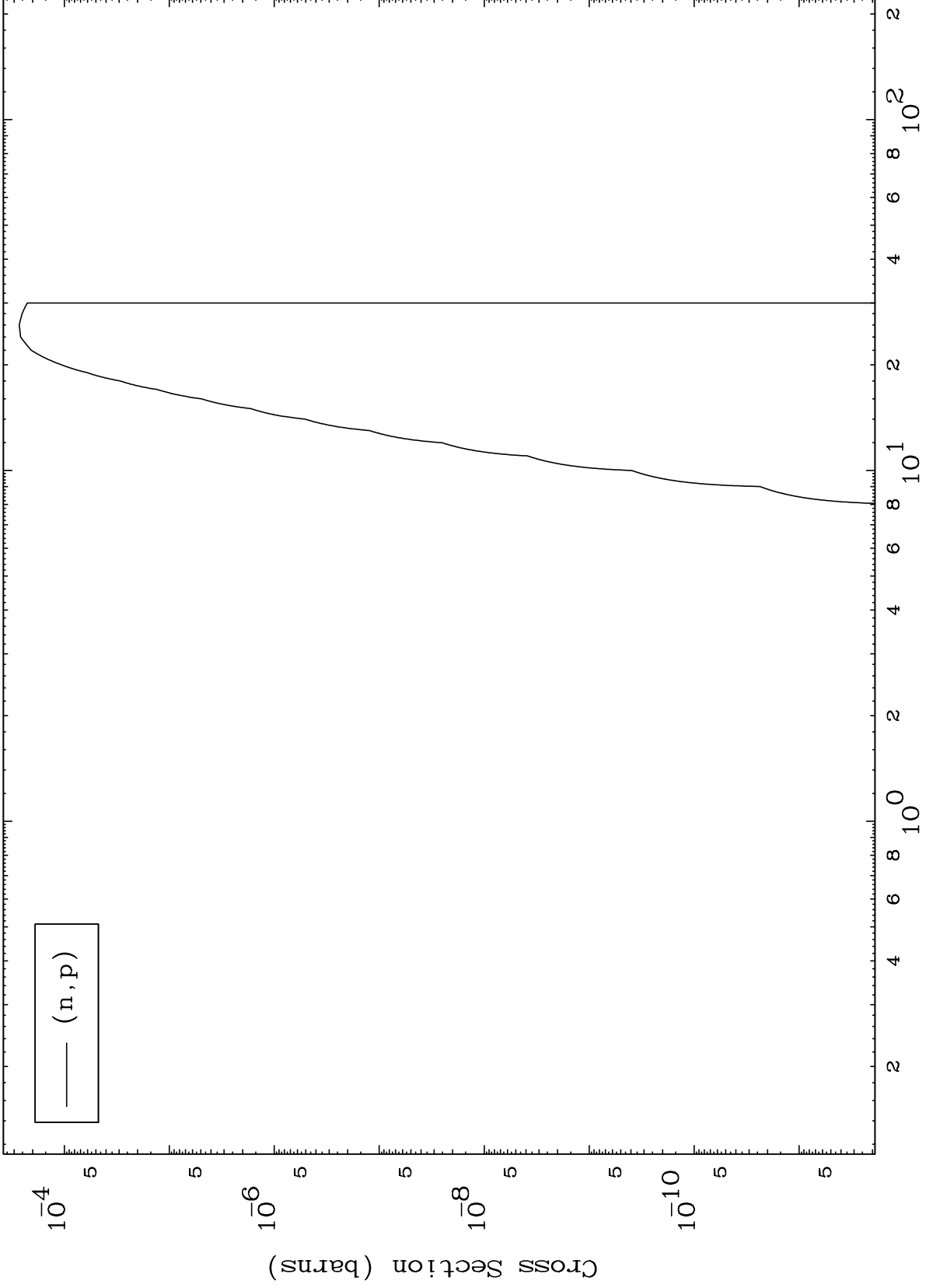




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(He-3,p) Levels
0 Kelvin Cross Sections

77-Ir-198



7

Incident Energy (MeV)

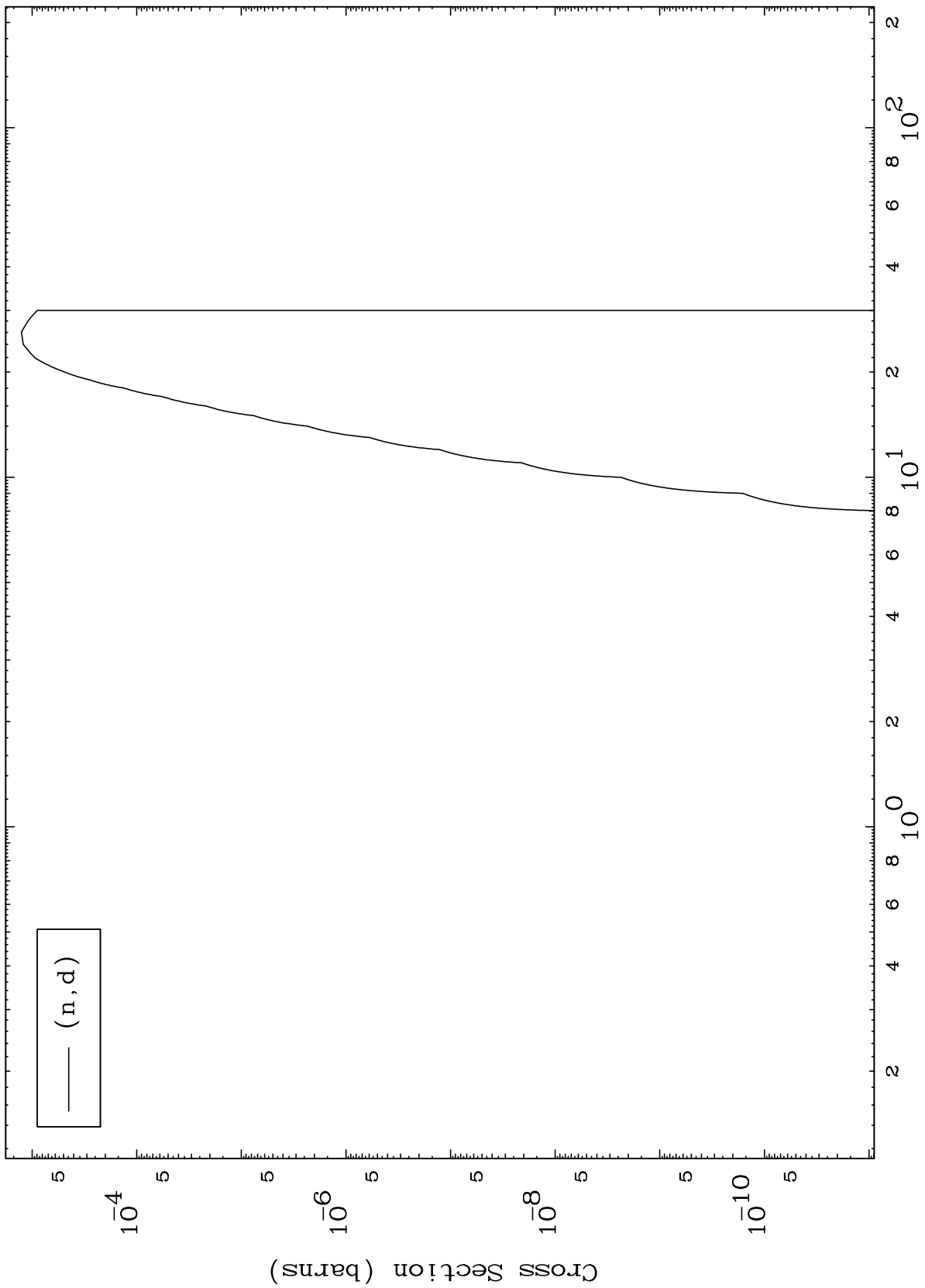
77-Ir-198

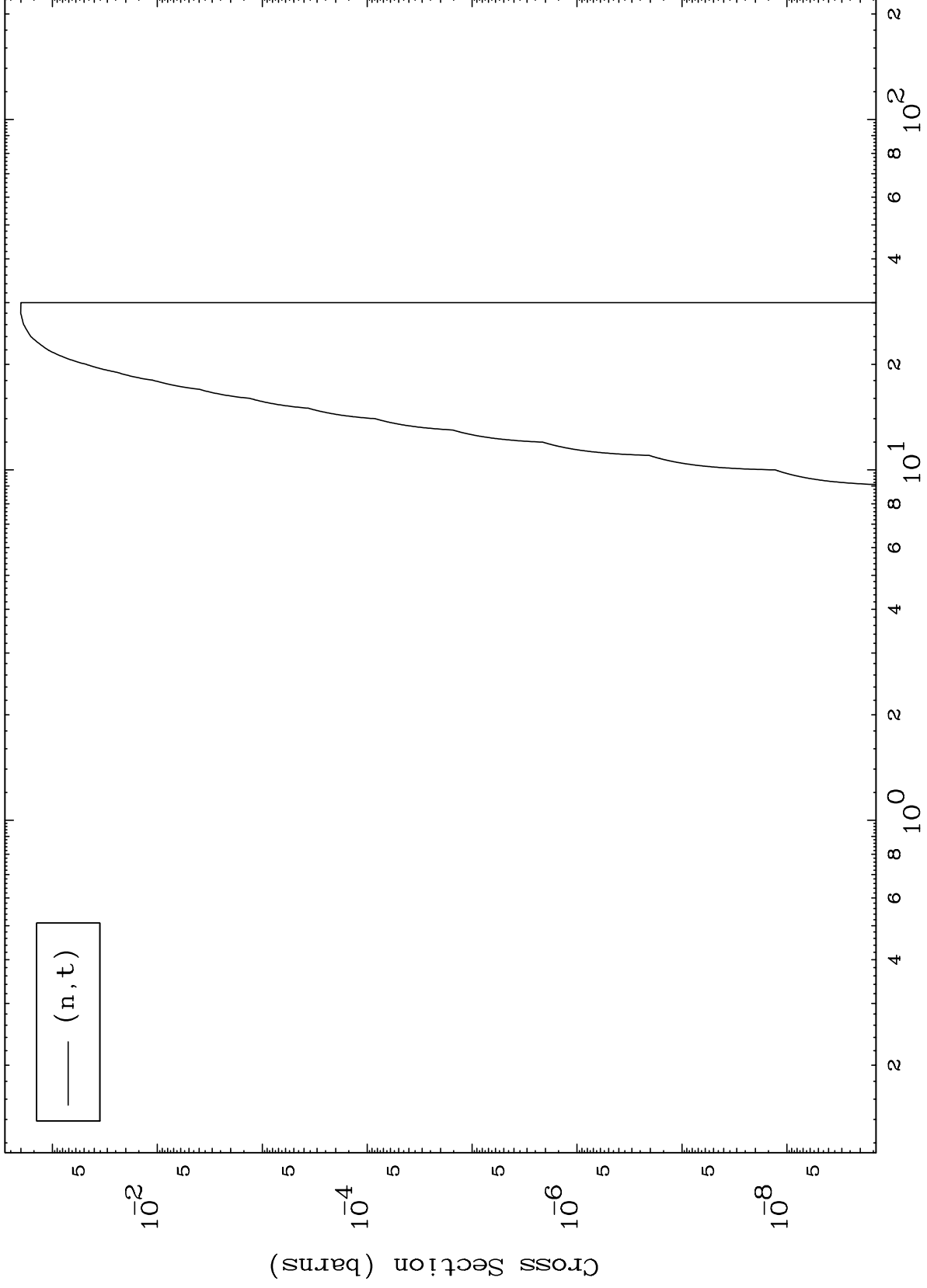
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(He-3,d) Levels

77-Ir-198

0 Kelvin Cross Sections



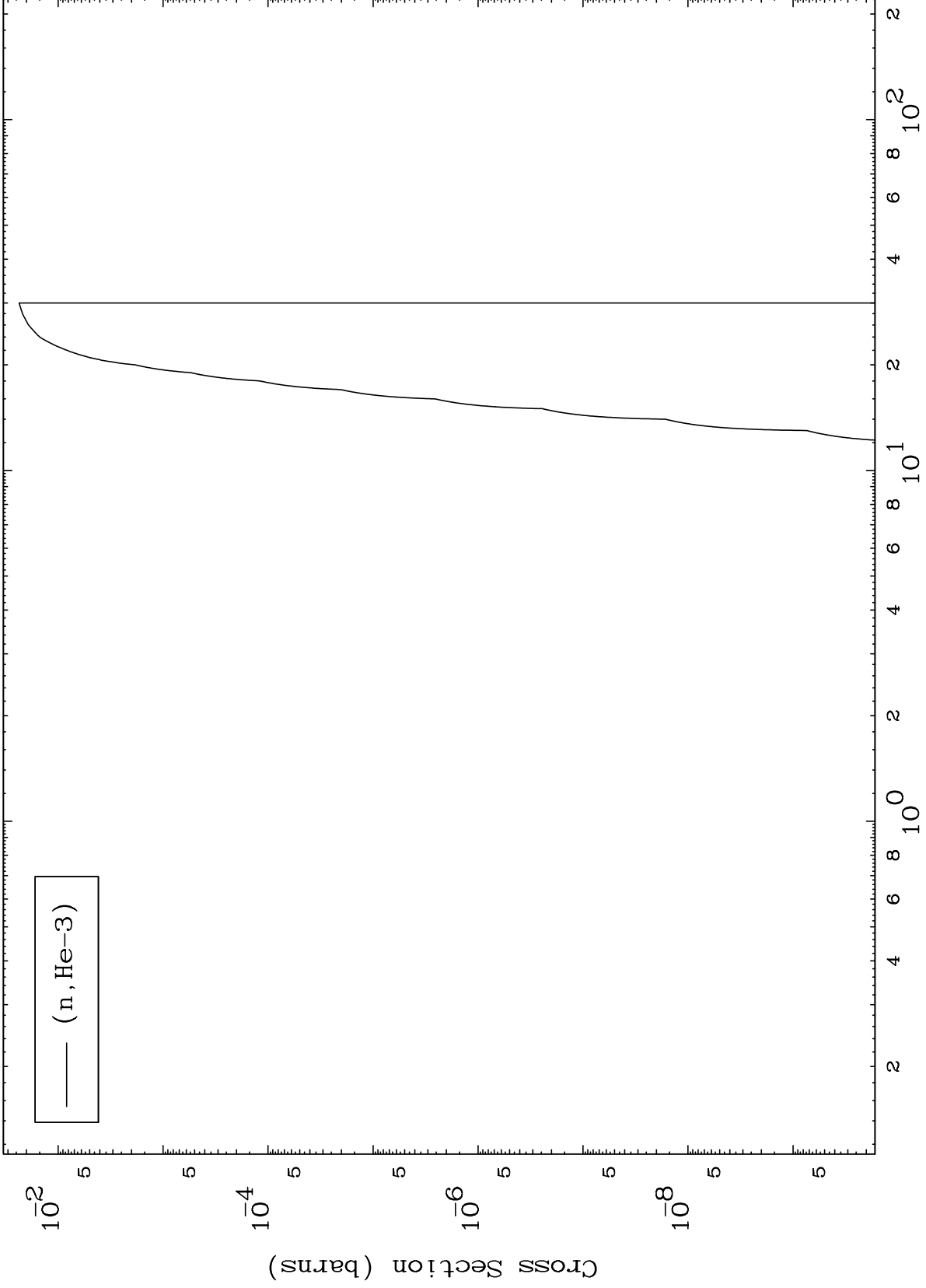


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(He-3, He3) Levels

77-Ir-198

0 Kelvin Cross Sections

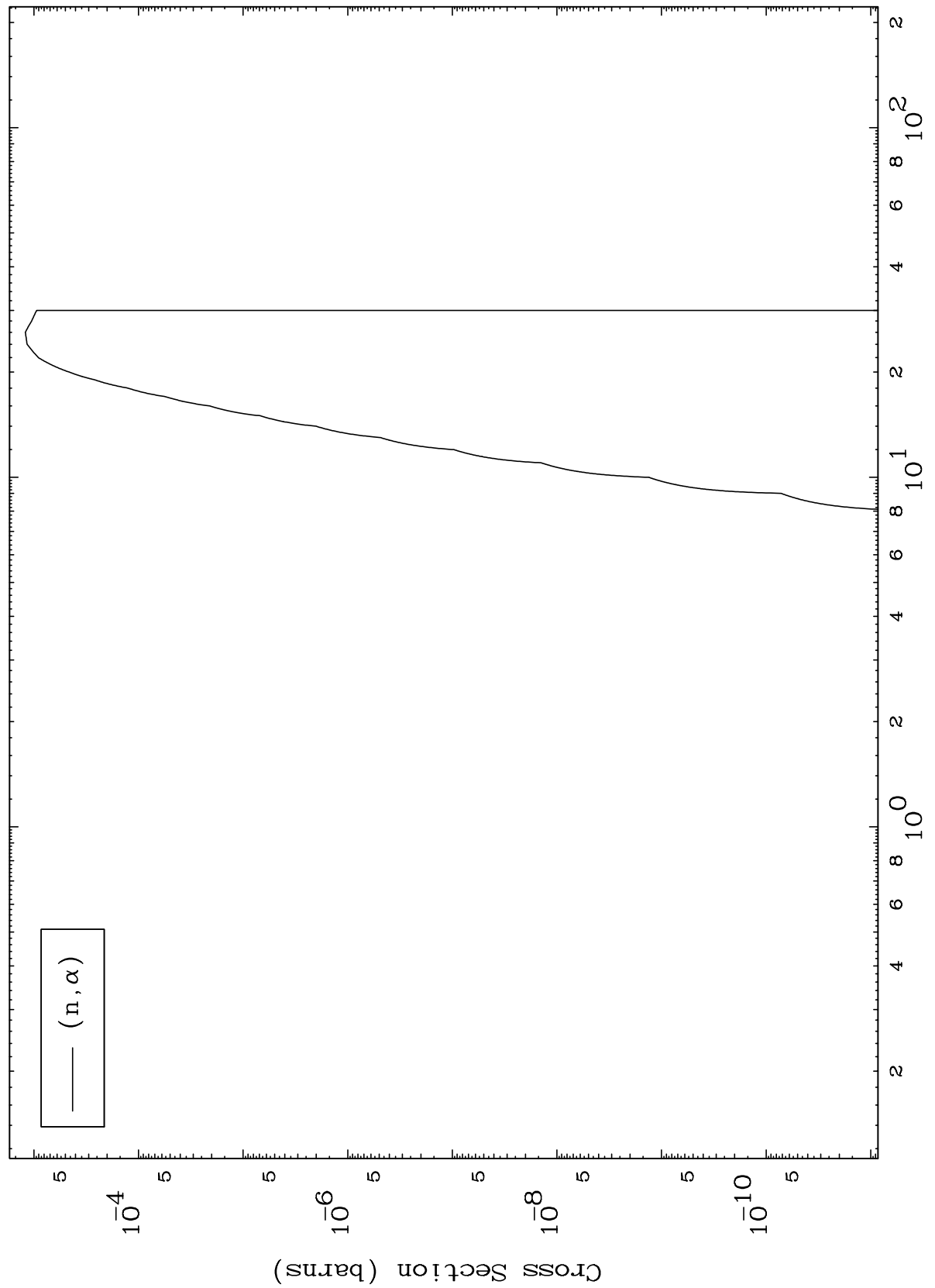


10

Incident Energy (MeV)

77-Ir-198

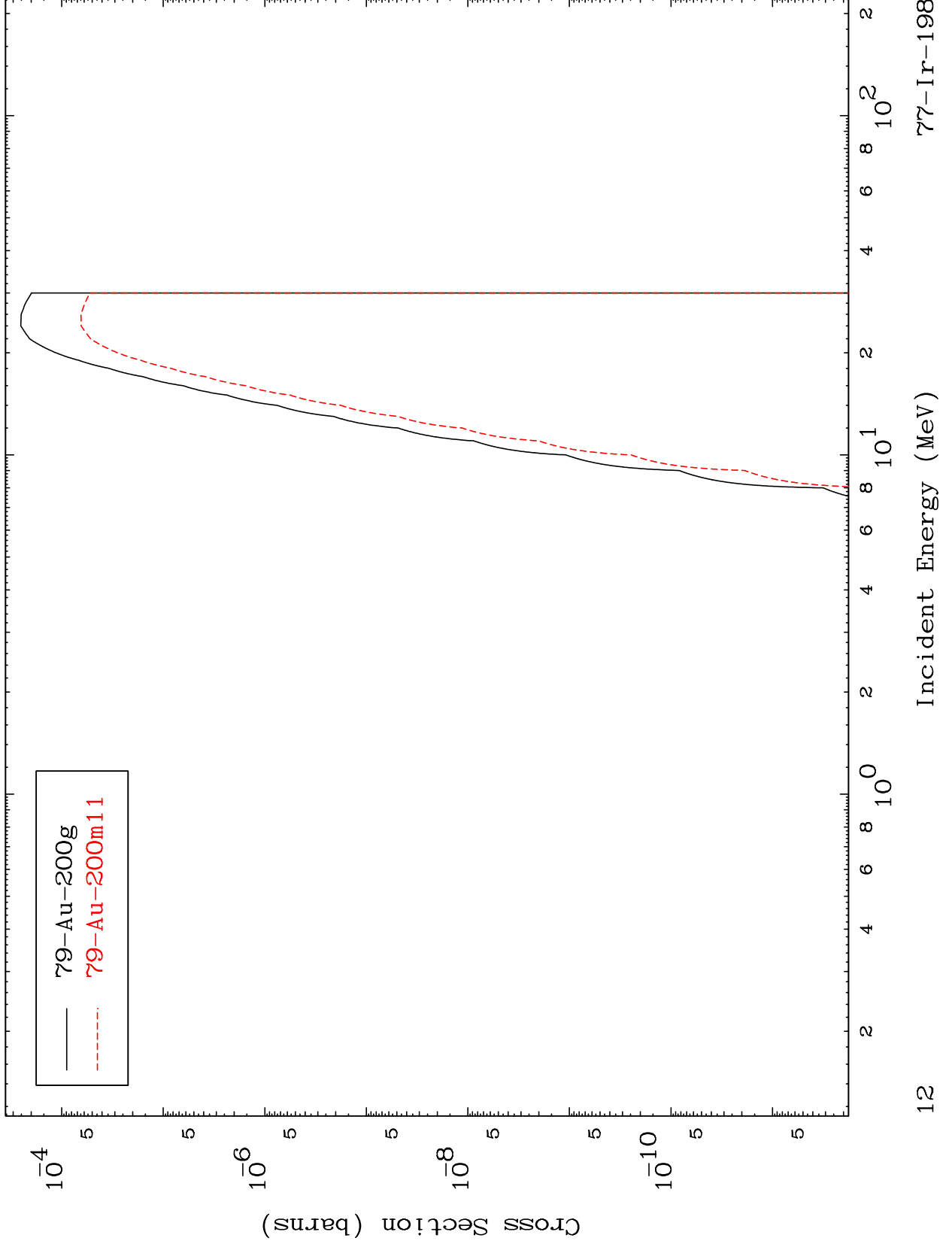
0 Kelvin Cross Sections



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Inelastic
Radionuclide Production Cross Section

⁷⁷Ir-198

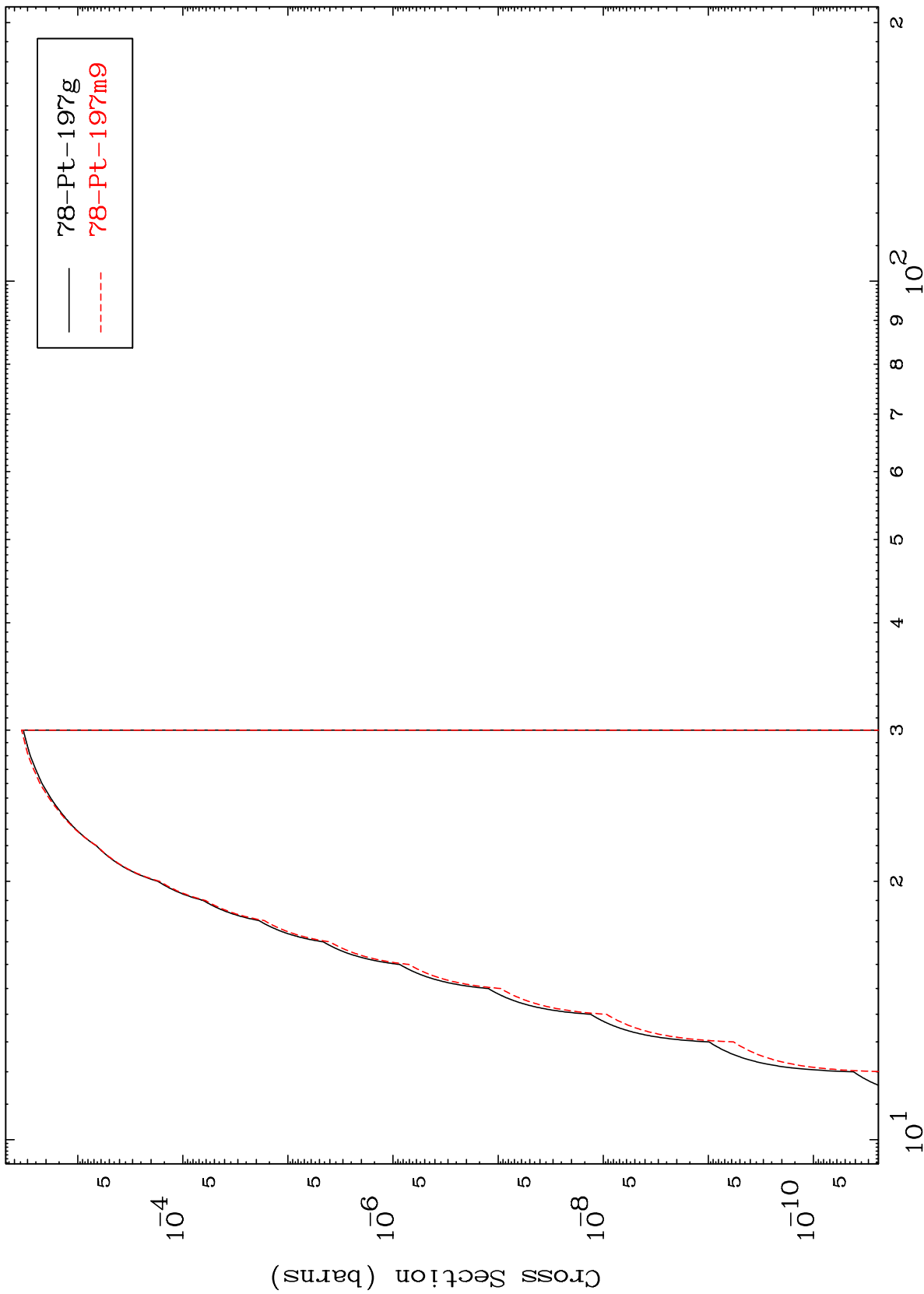


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(n,2n) d

77-Ir-198

Radionuclide Production Cross Section

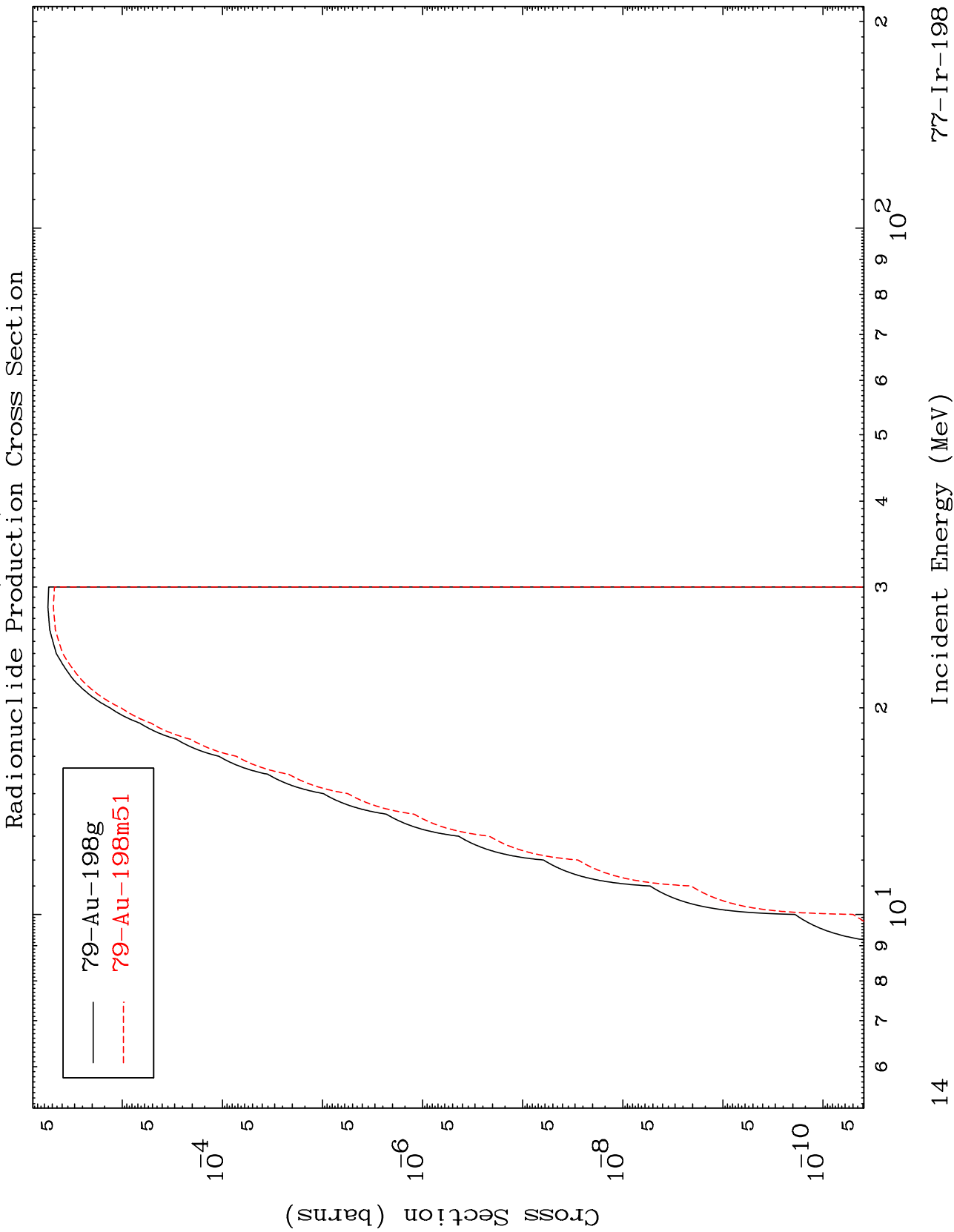


Incident Energy (MeV)

77-Ir-198

MAT 7746

77-Ir-198



77-Ir-198

Incident Energy (MeV)

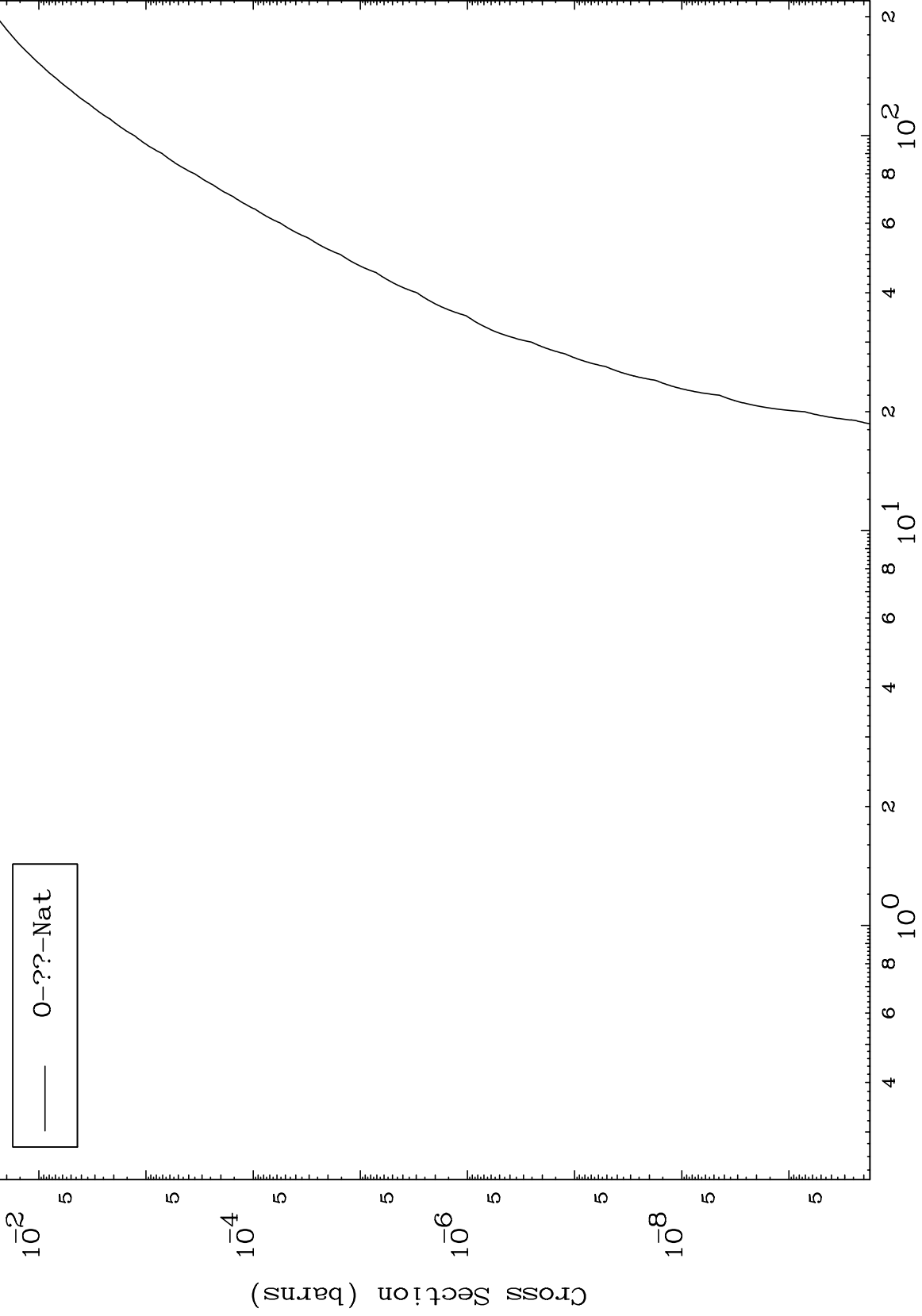
14

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Fission

77-Ir-198

Radionuclide Production Cross Section



15

Incident Energy (MeV)

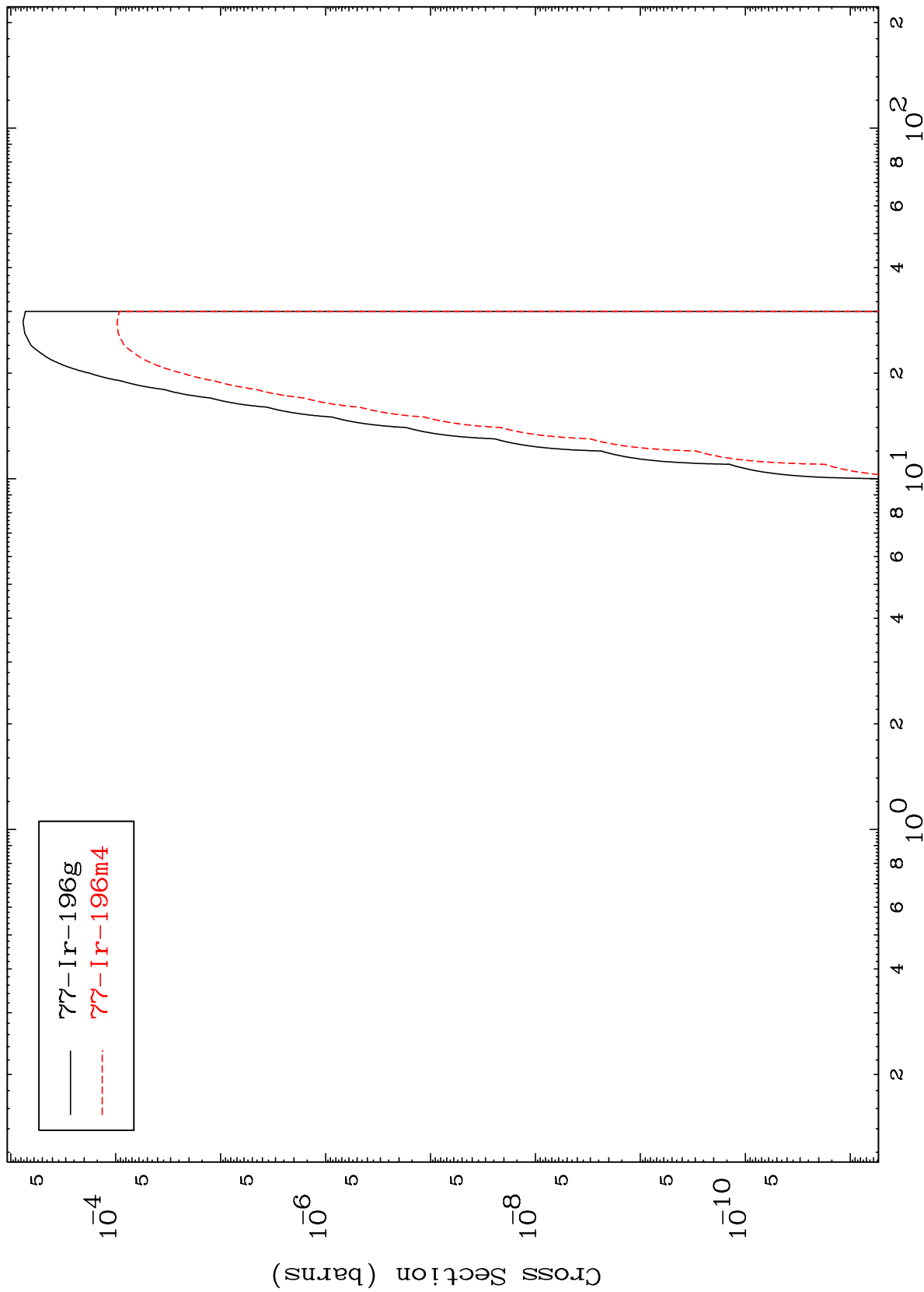
77-Ir-198

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$(n, n') \alpha$

77-Ir-198

Radionuclide Production Cross Section



16

Incident Energy (MeV)

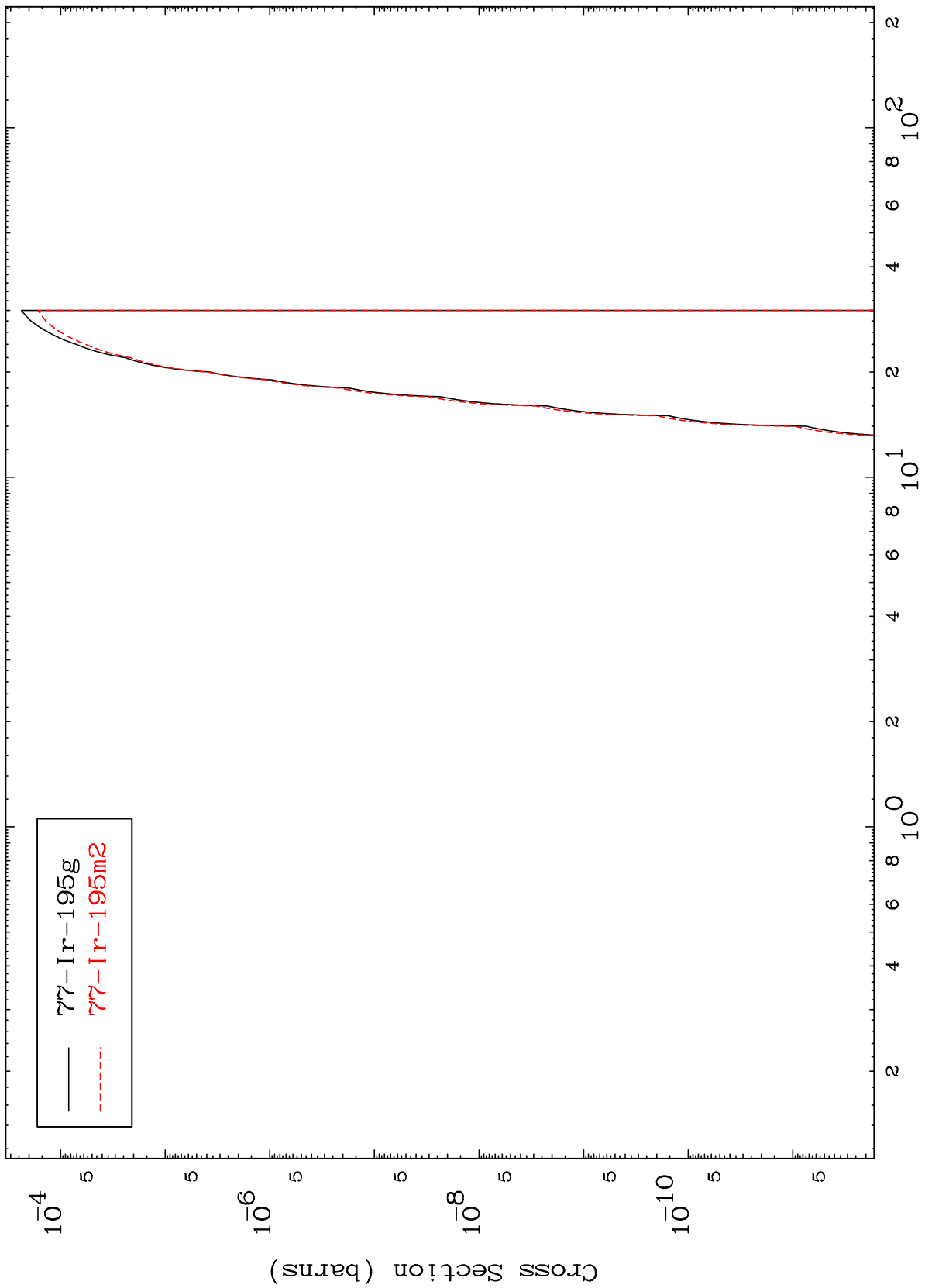
77-Ir-198

MAT 7746

$(n,2n) \alpha$

$^{77}\text{Ir-198}$

Radionuclide Production Cross Section



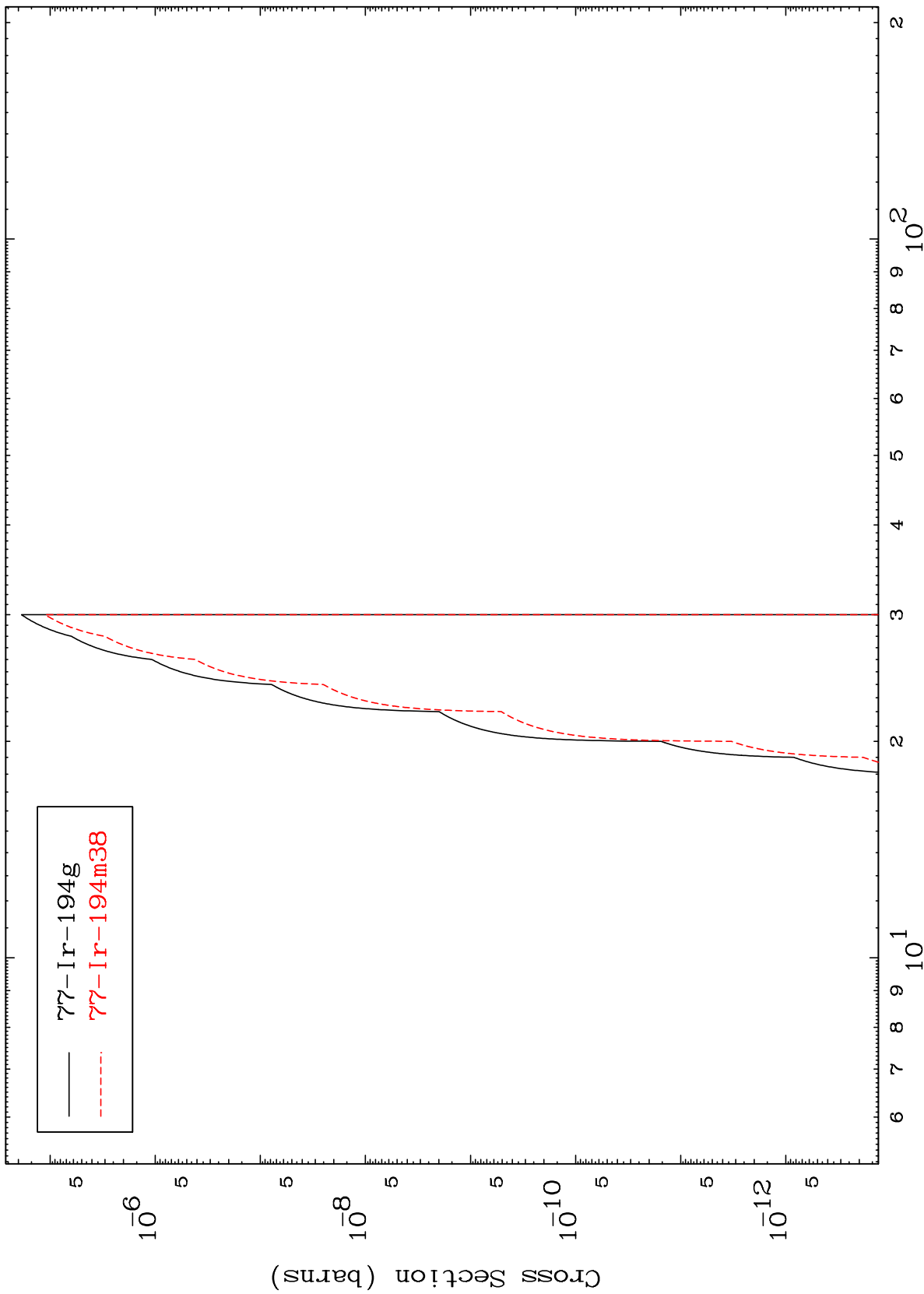
Legend:
— $^{77}\text{Ir-195g}$
- - - $^{77}\text{Ir-195m2}$

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^{77}Ir α

^{77}Ir -198

Radionuclide Production Cross Section



18

Incident Energy (MeV)

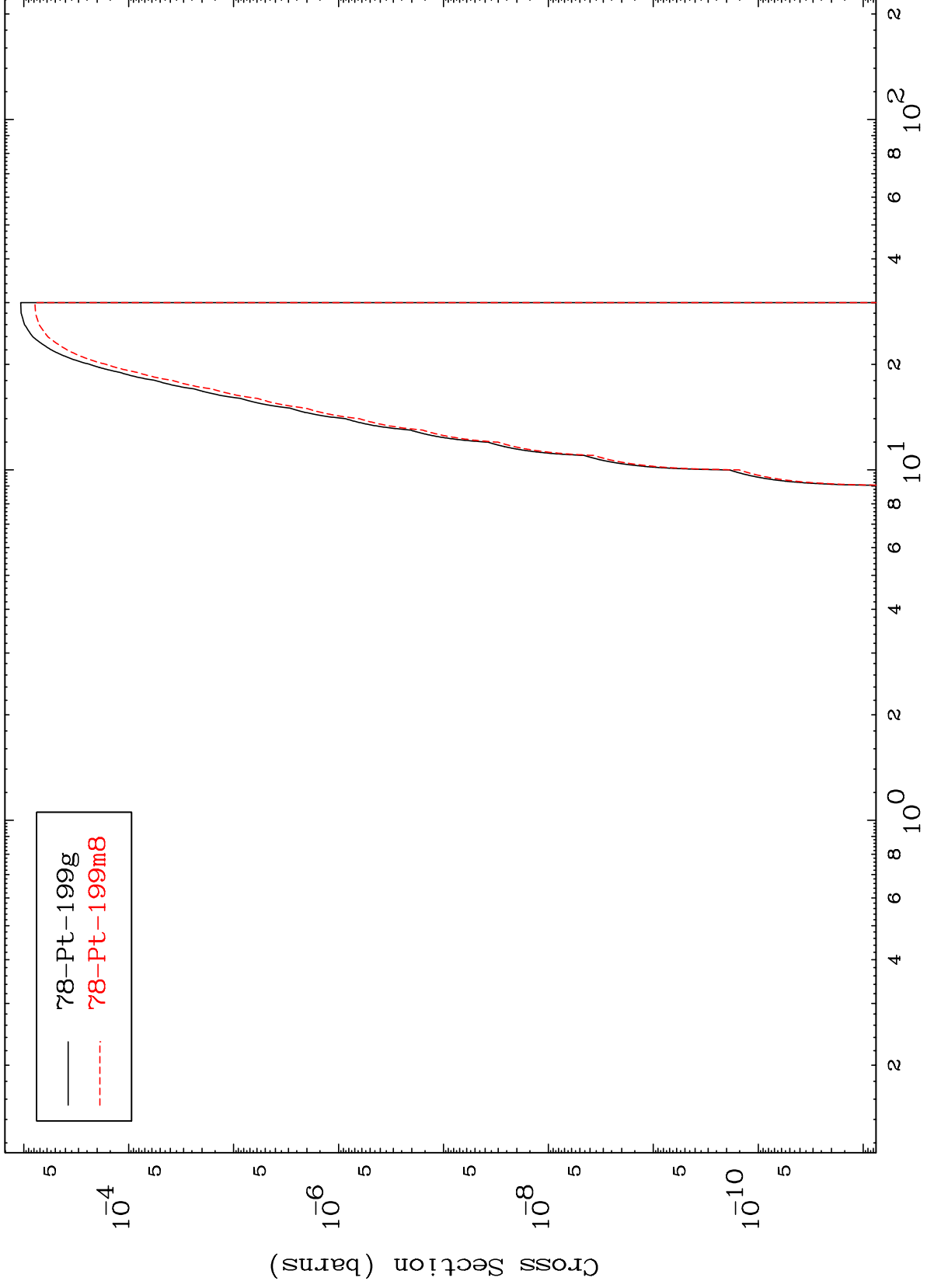
^{77}Ir -198

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(n,n') p

77-Ir-198

Radionuclide Production Cross Section



19

Incident Energy (MeV)

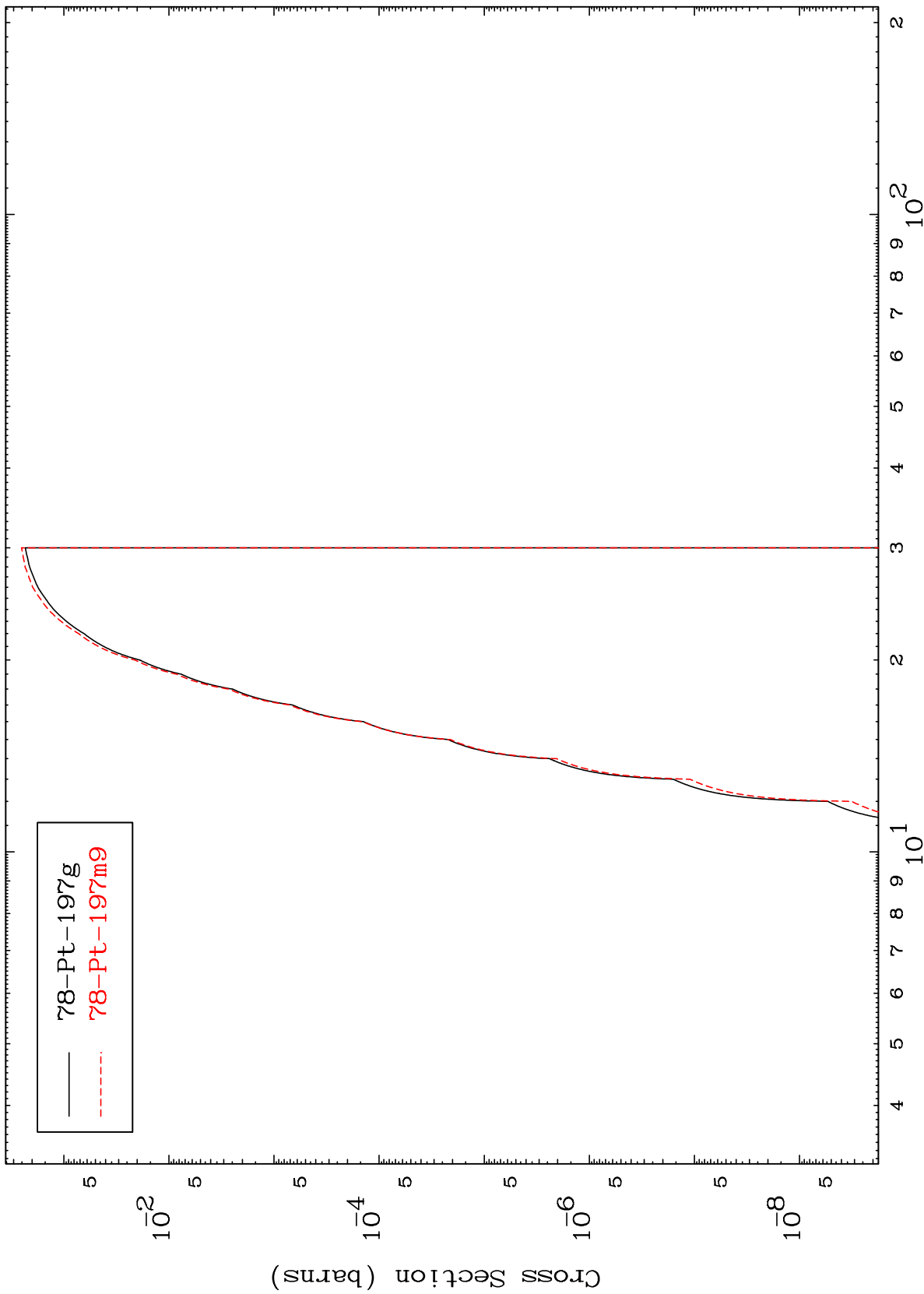
77-Ir-198

MAT 7746

(n,n') t

77-Ir-198

Radionuclide Production Cross Section



20

Incident Energy (MeV)

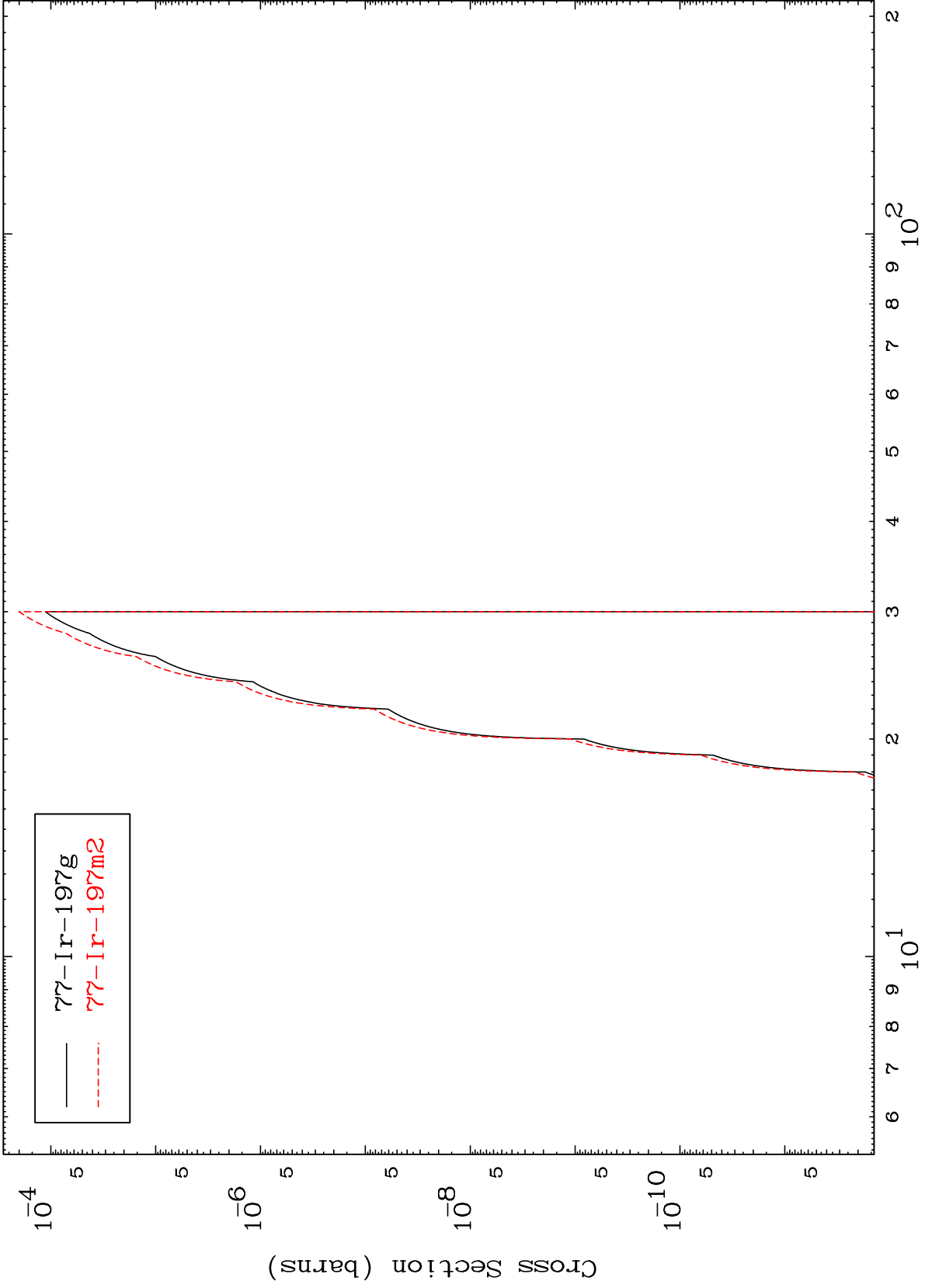
77-Ir-198

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(n,n') He-3

77-Ir-198

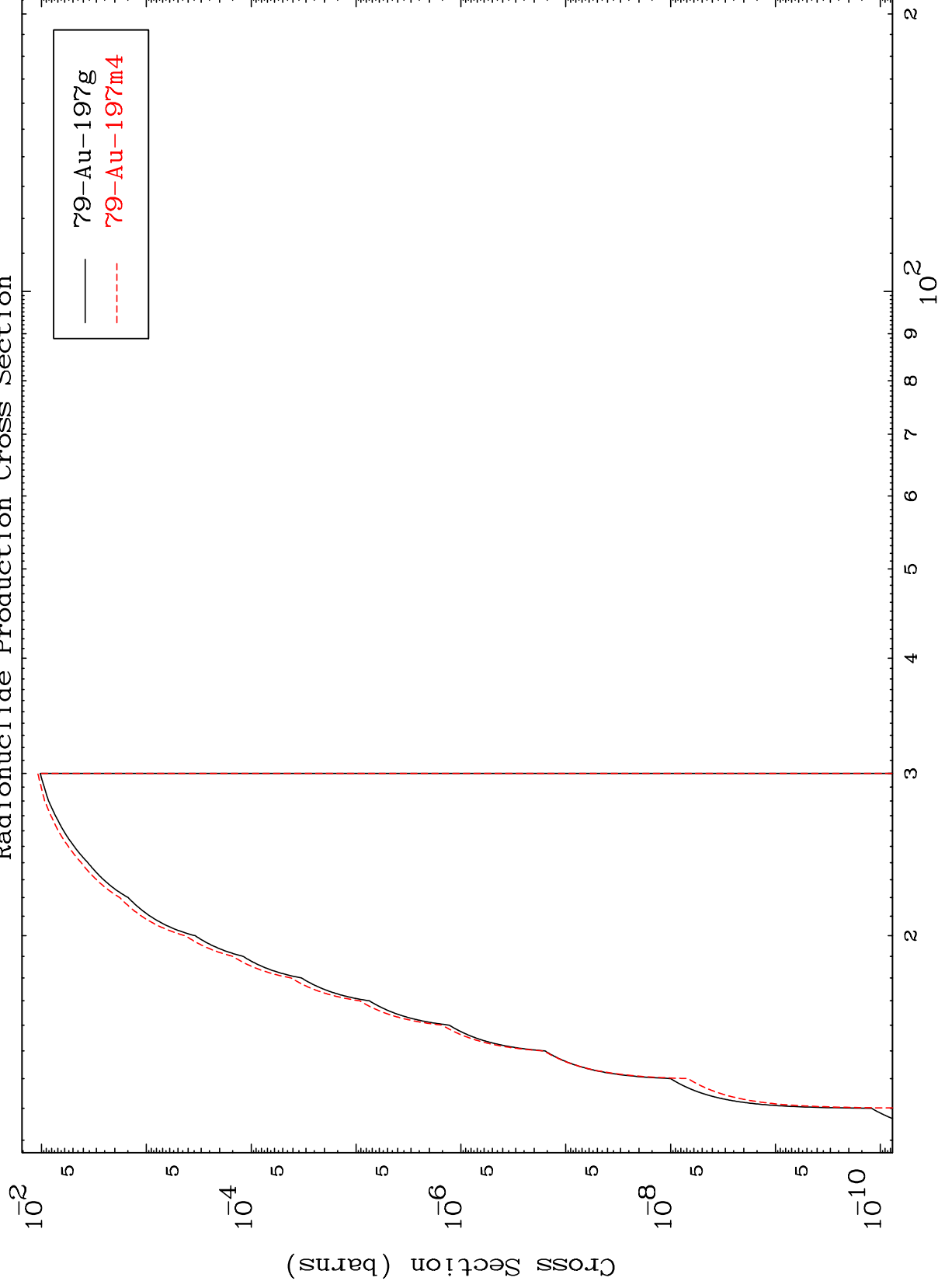
Radionuclide Production Cross Section



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77-Ir-198

(n,4n)
Radionuclide Production Cross Section

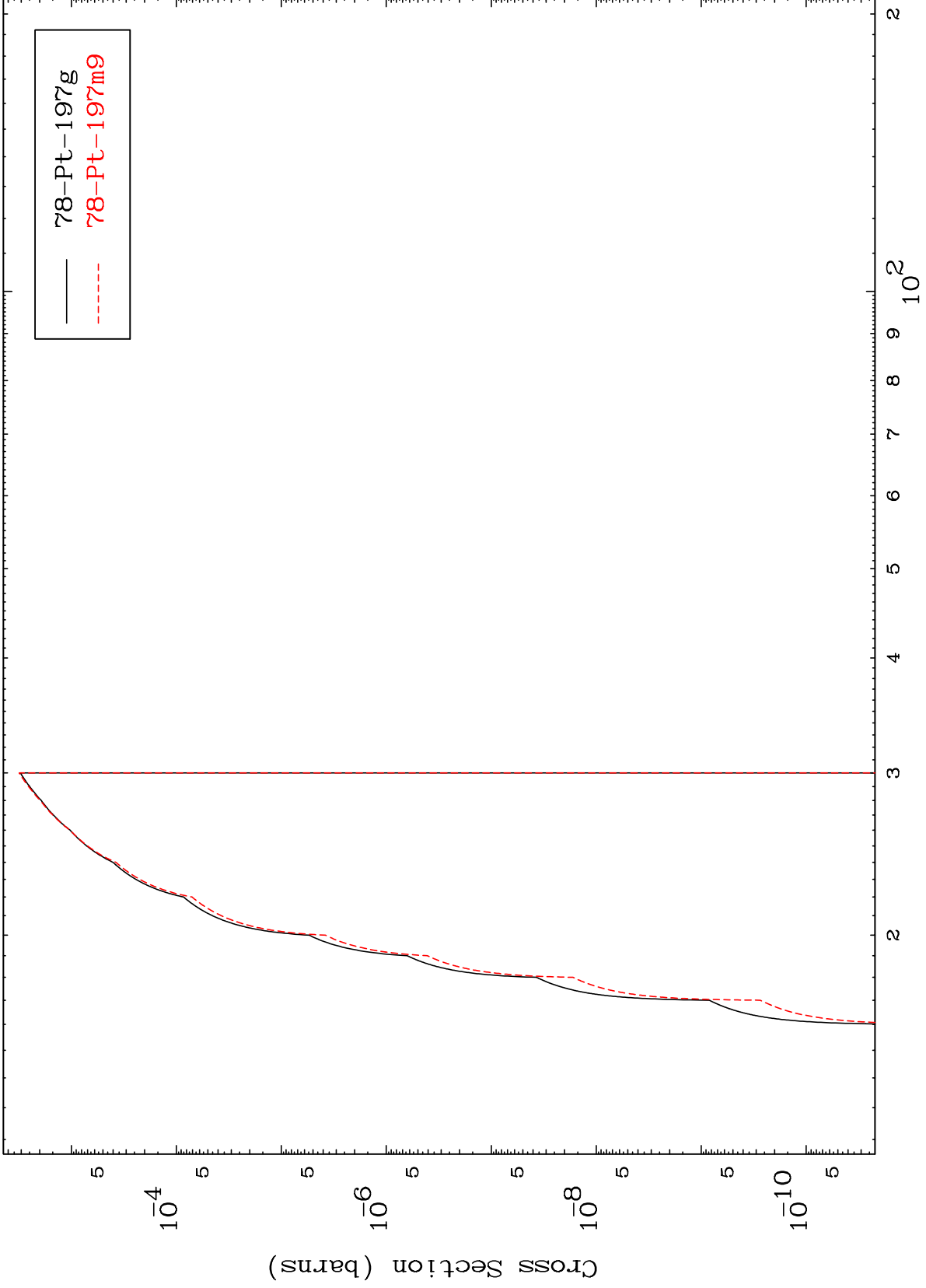


22

Incident Energy (MeV)

77-Ir-198

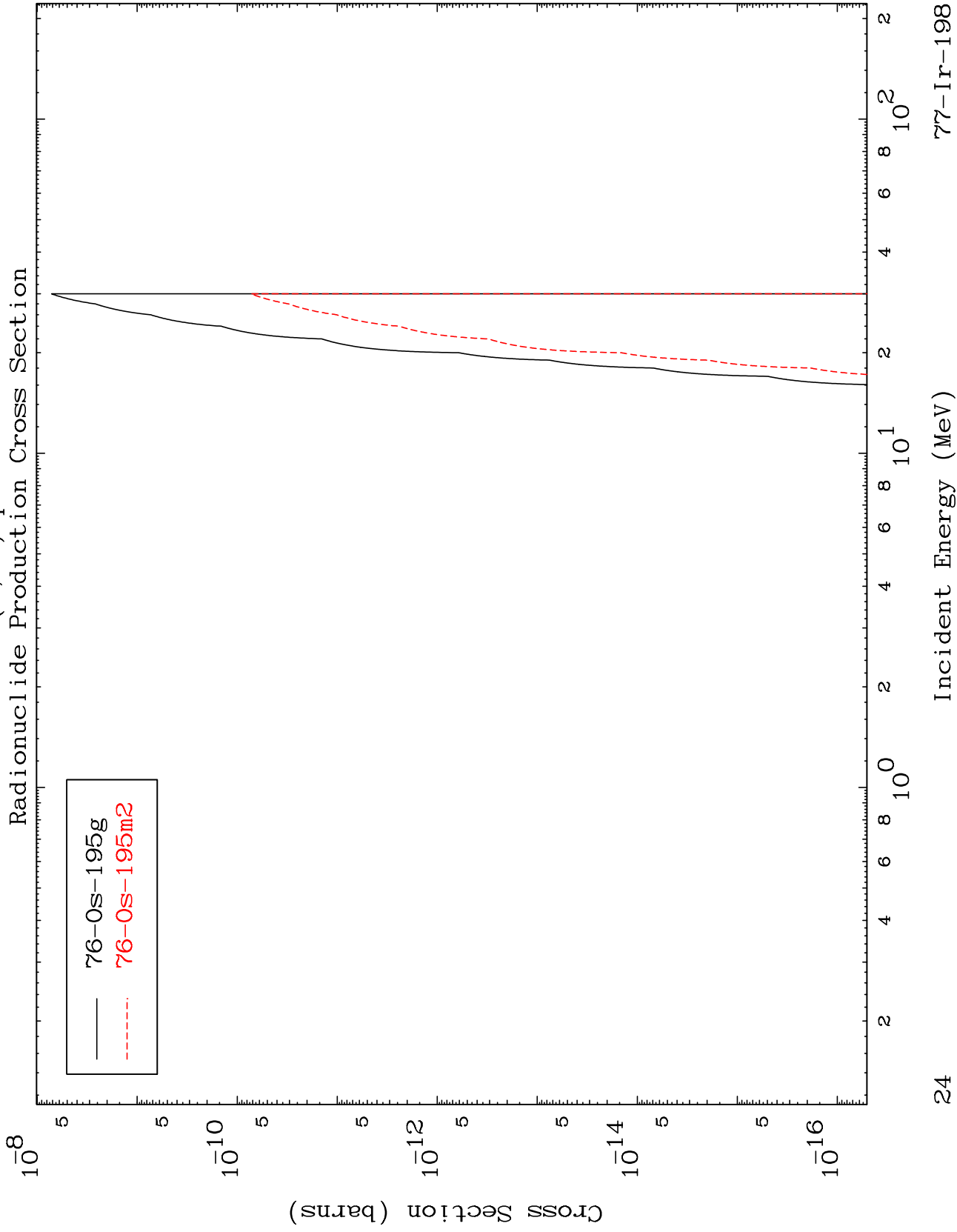
Radionuclide Production Cross Section



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(n,n') p α

77-Ir-198

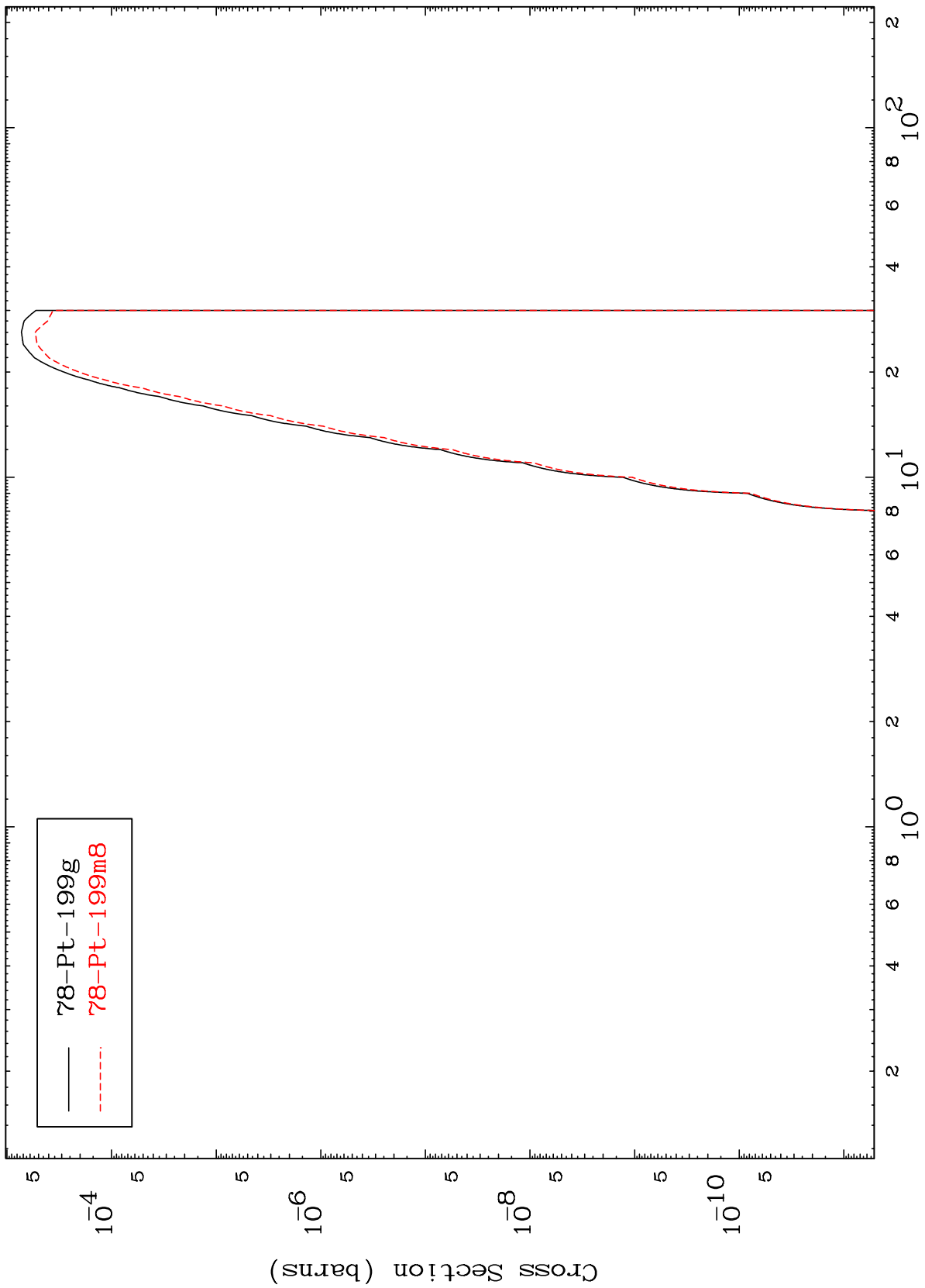


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(n,d)

77-Ir-198

Radionuclide Production Cross Section



78-Pt-199g
78-Pt-199m8

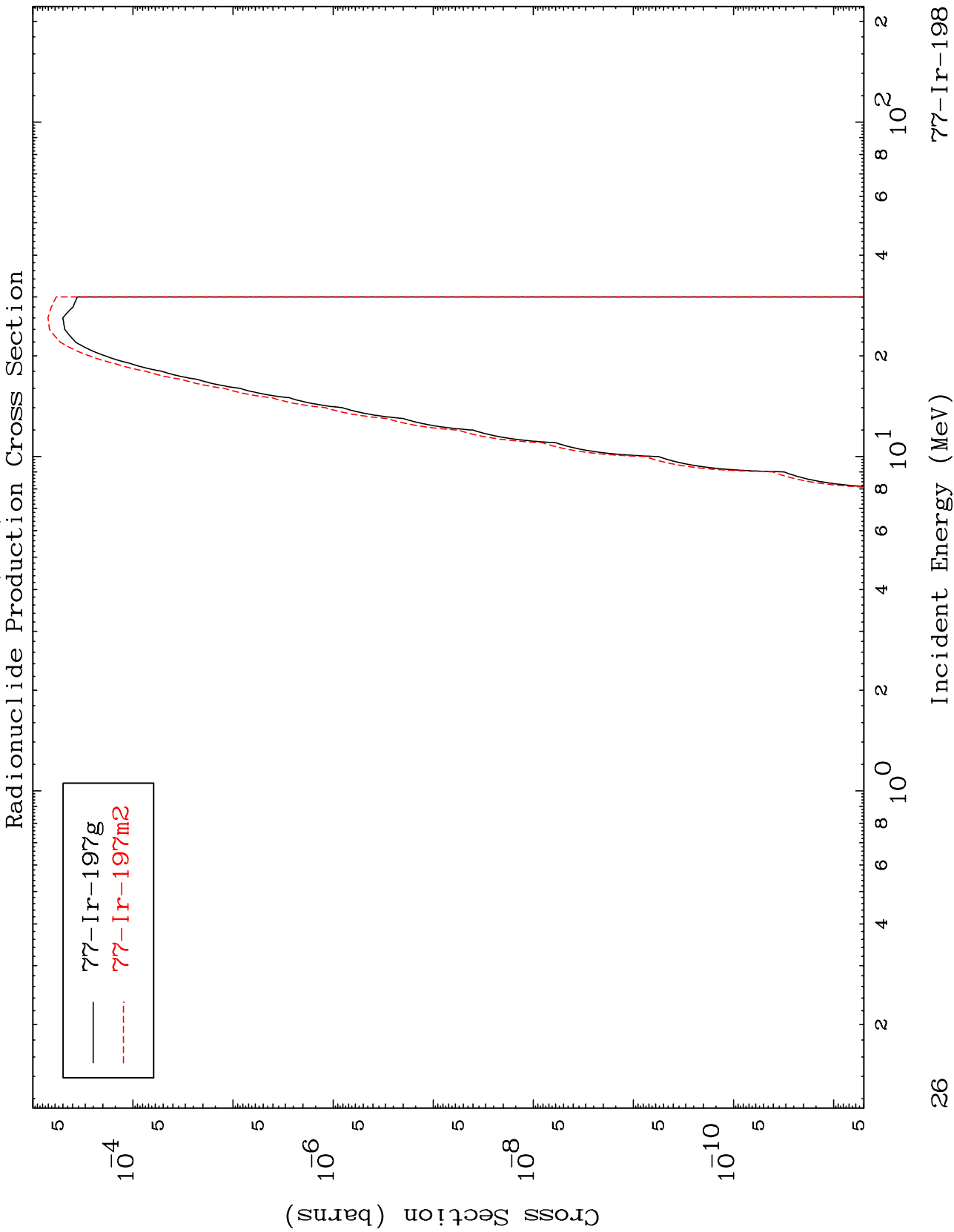
Incident Energy (MeV)

77-Ir-198

25

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77-Ir-198

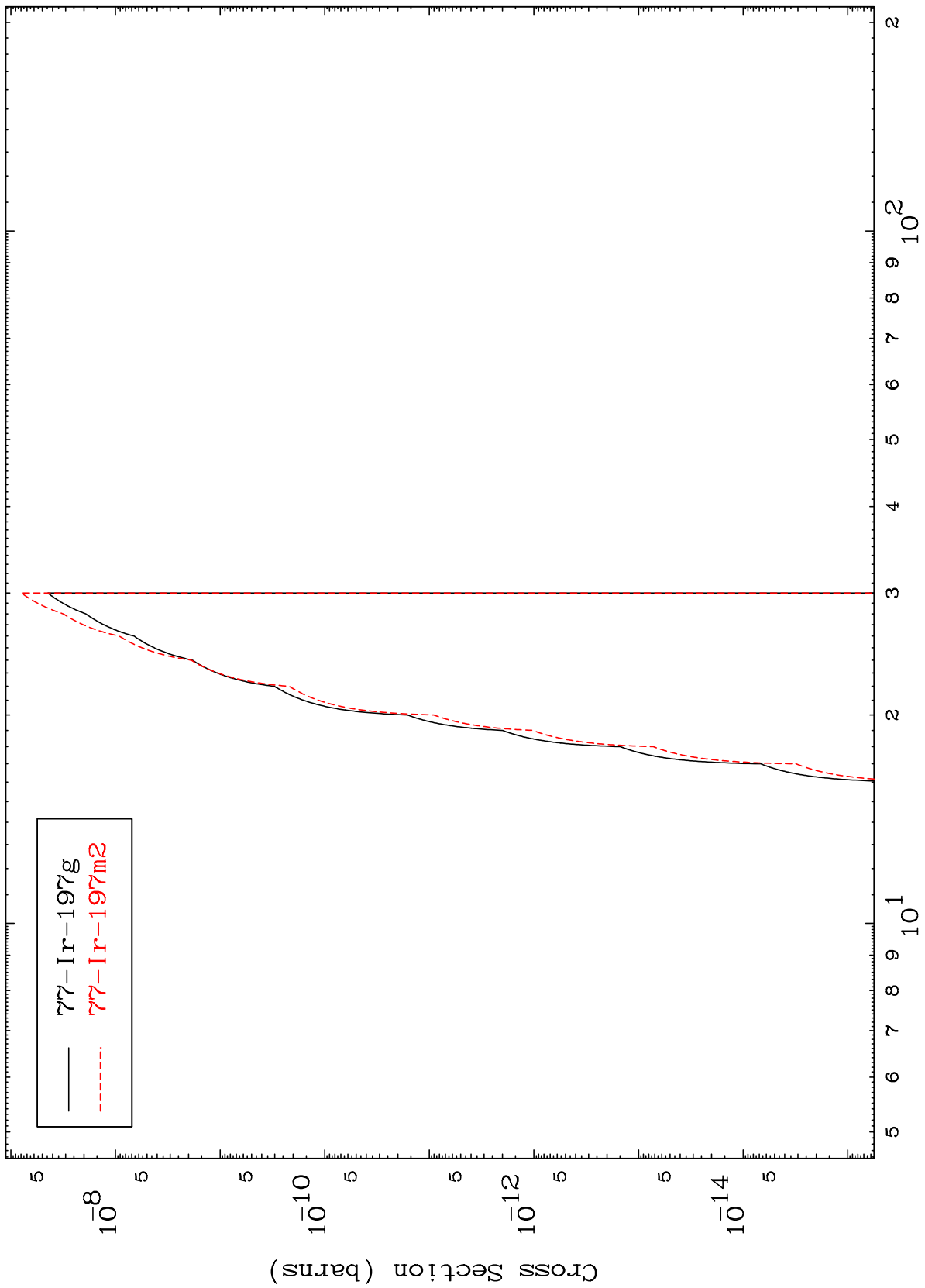


MAT 7746

(n,p) t

77-Ir-198

Radionuclide Production Cross Section



77-Ir-197g
77-Ir-197m2

27

Incident Energy (MeV)

77-Ir-198