

Program EVALPLOT
(Version 2021-1)

by

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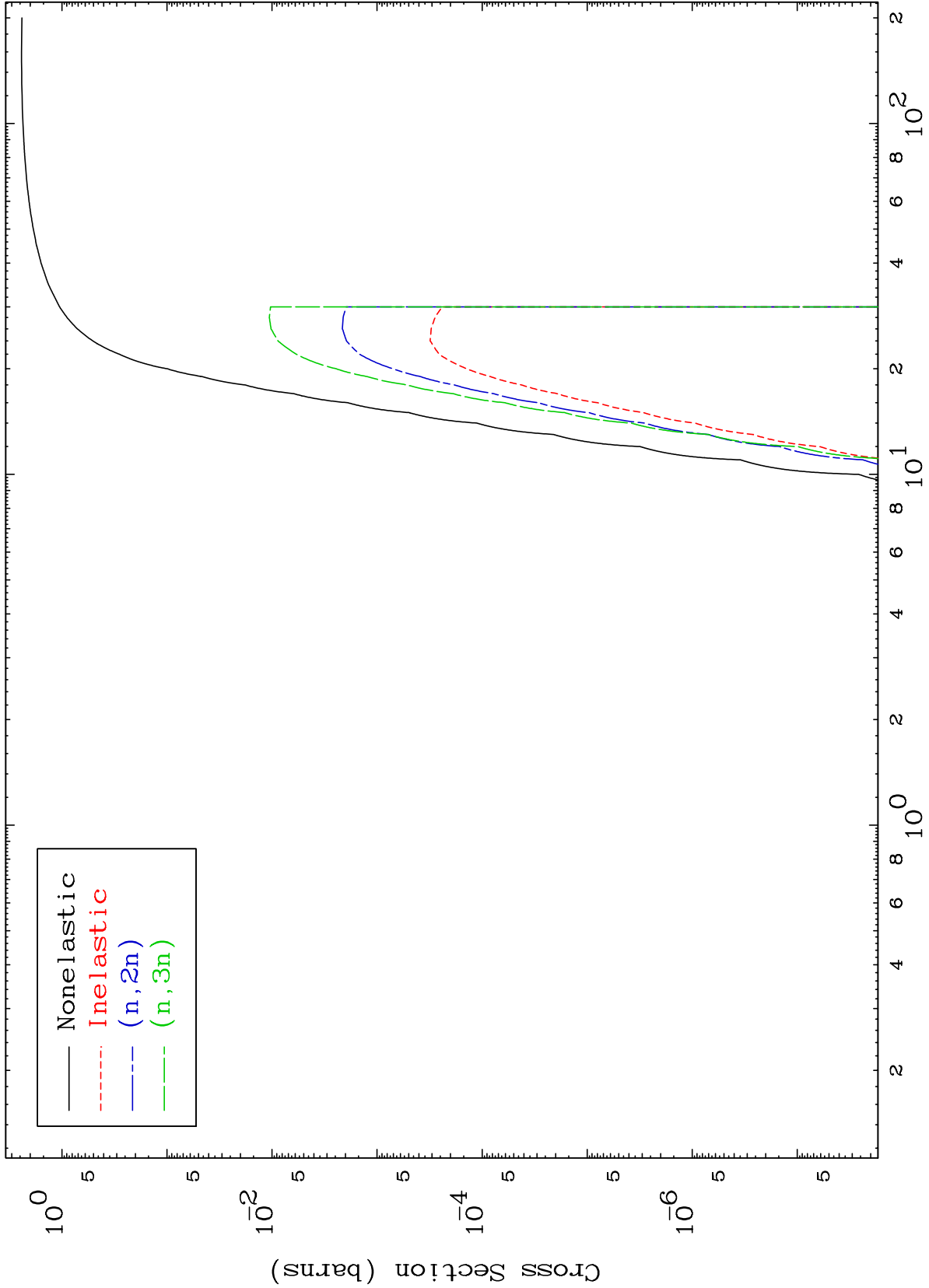
Press Mouse Button to Start

MAT 7746

He-3 Major

0 Kelvin Cross Sections

77-Ir-198

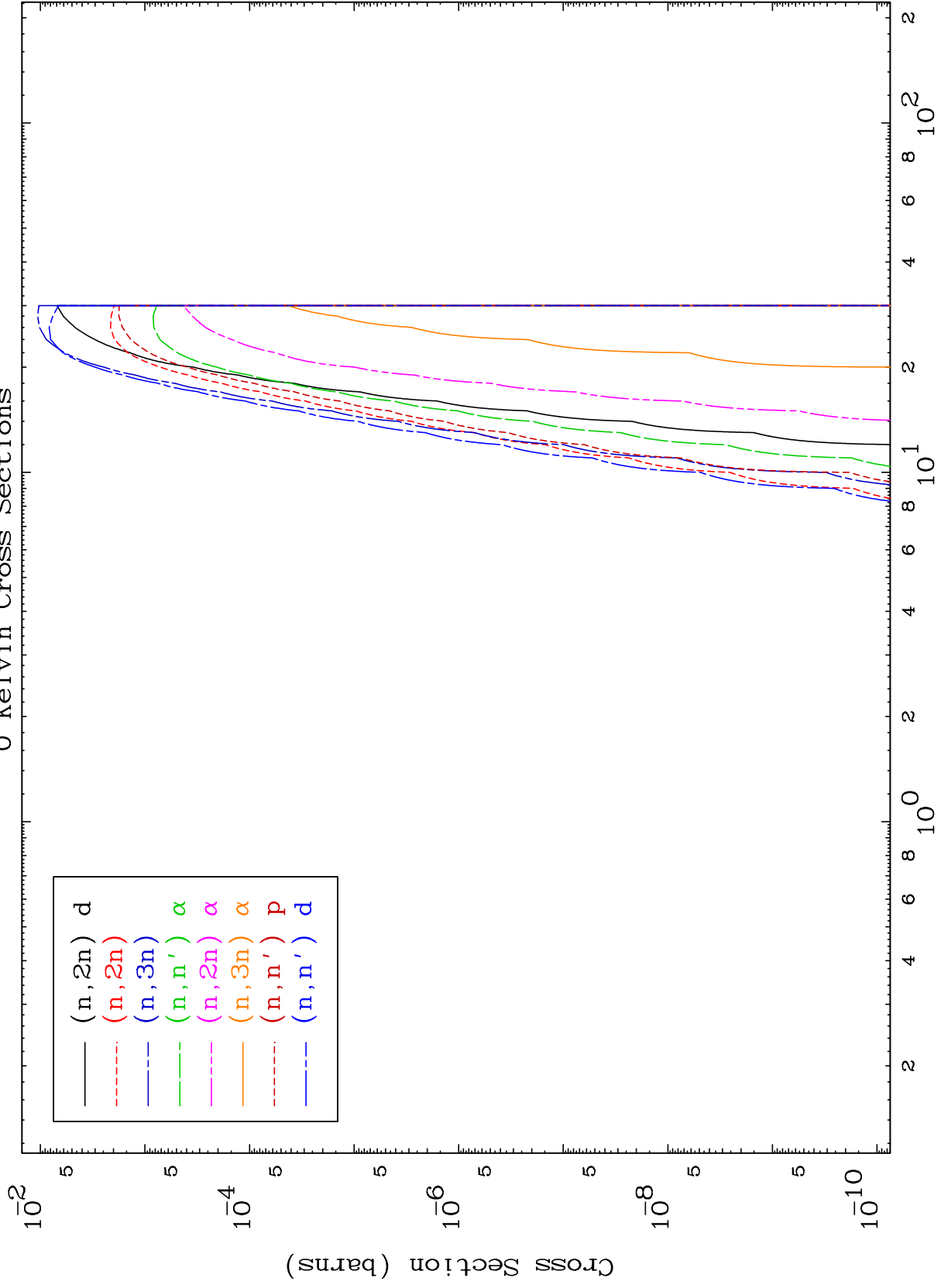


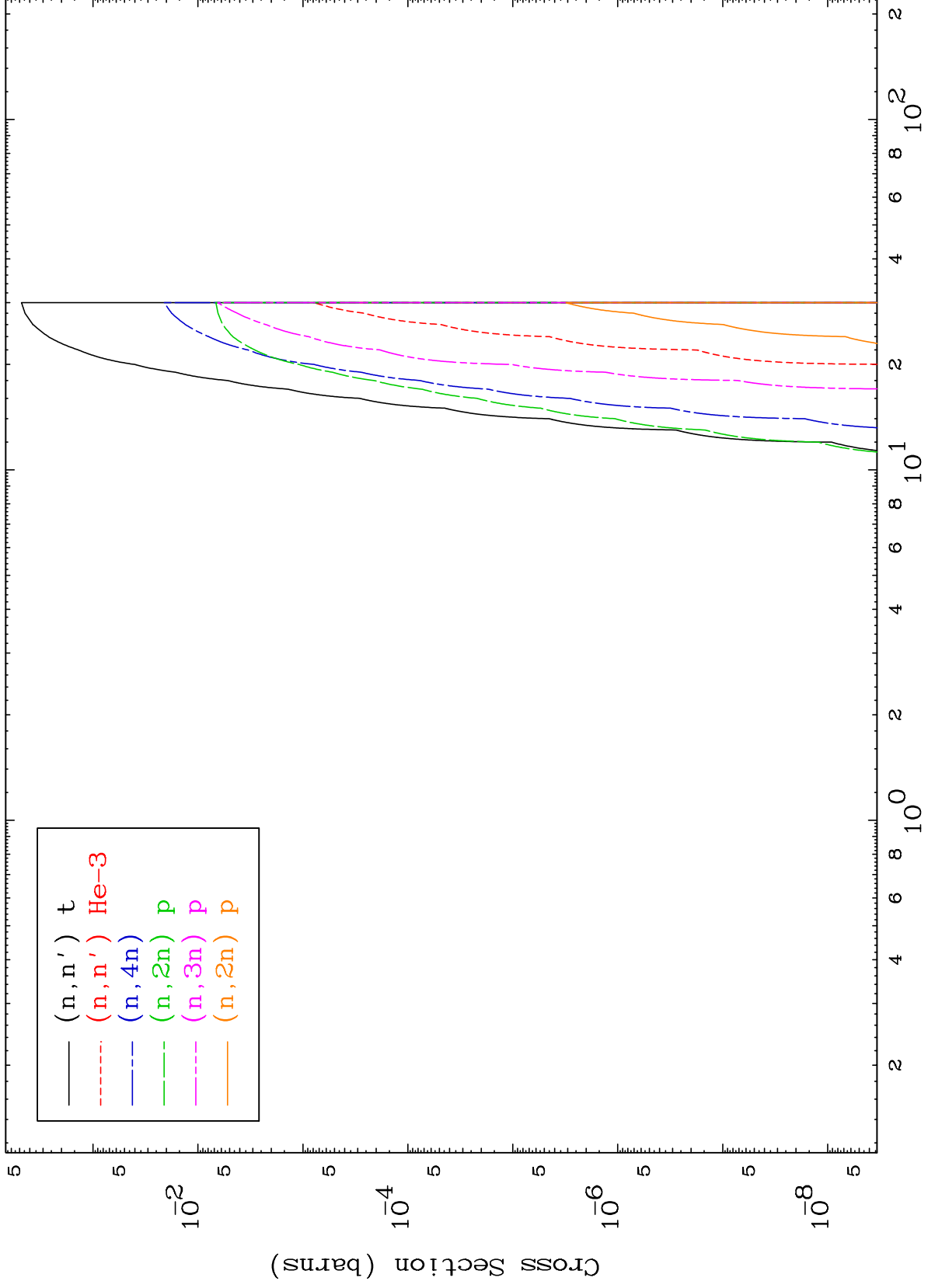
Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, 3n)

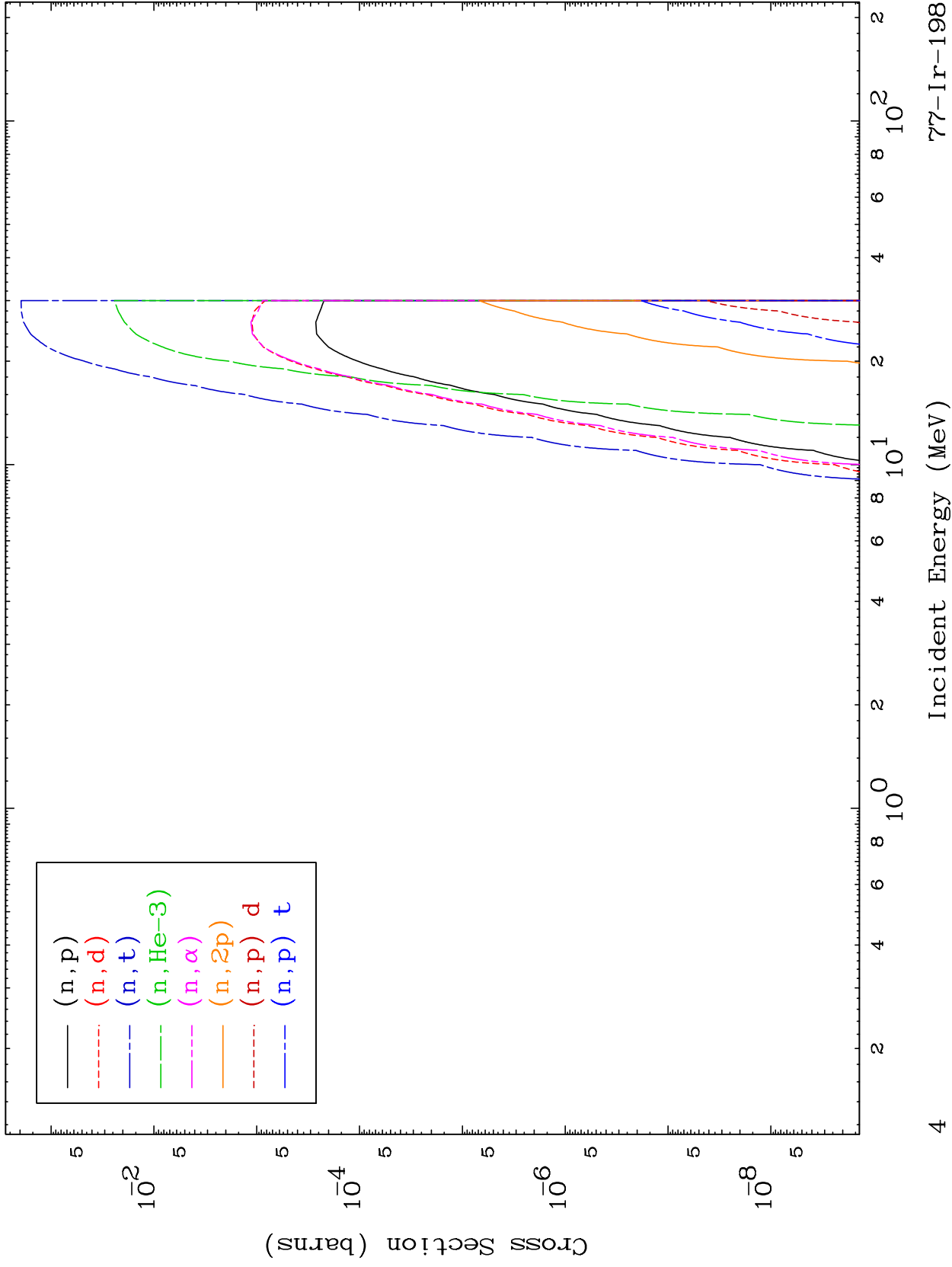
MAT 7746

He-3 Neutron Absorption
0 Kelvin Cross Sections

77-Ir-198



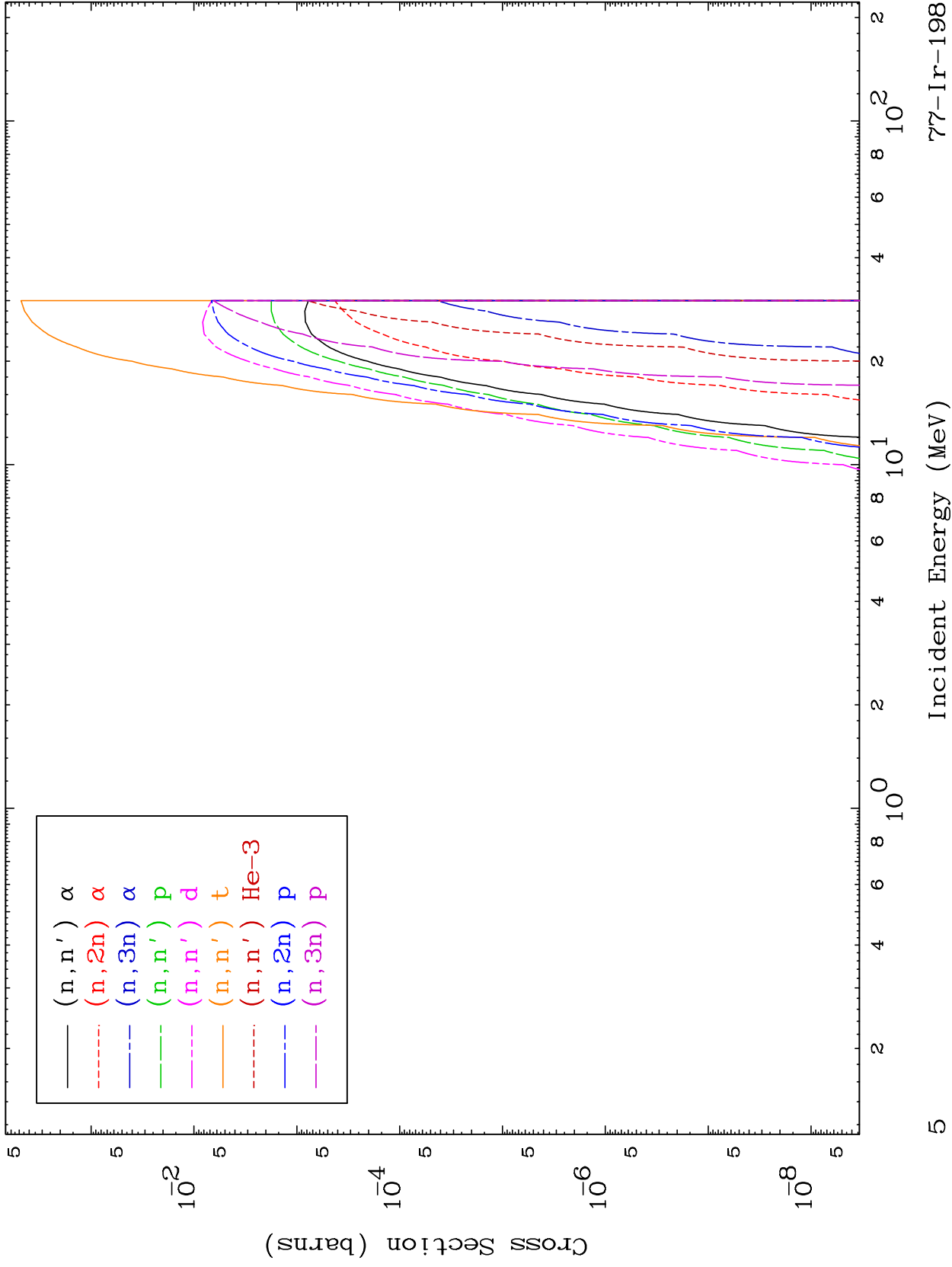




MAT 7746

He-3 Charged Particle
0 Kelvin Cross Sections

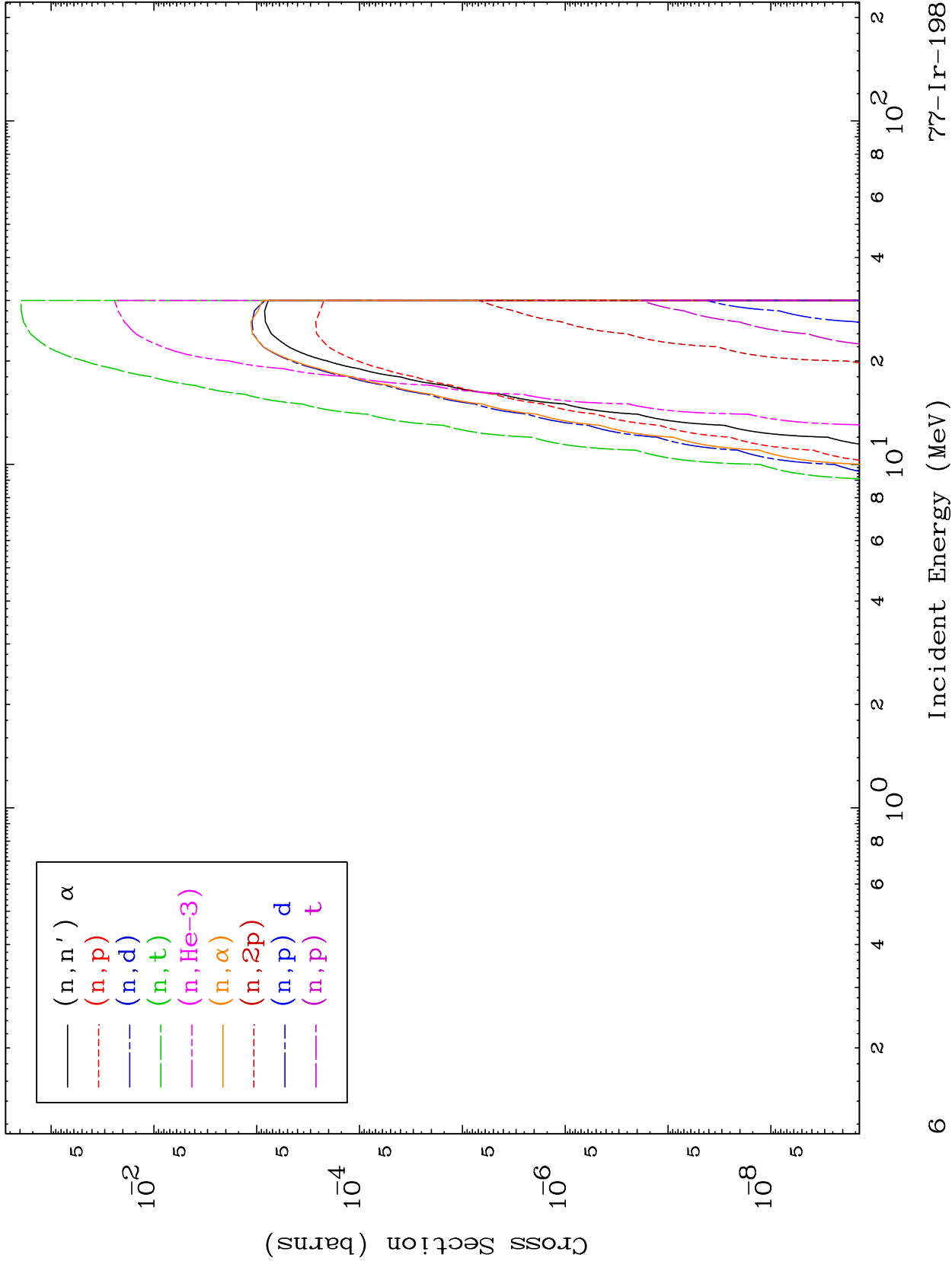
77-Ir-198



5

Incident Energy (MeV)

77-Ir-198

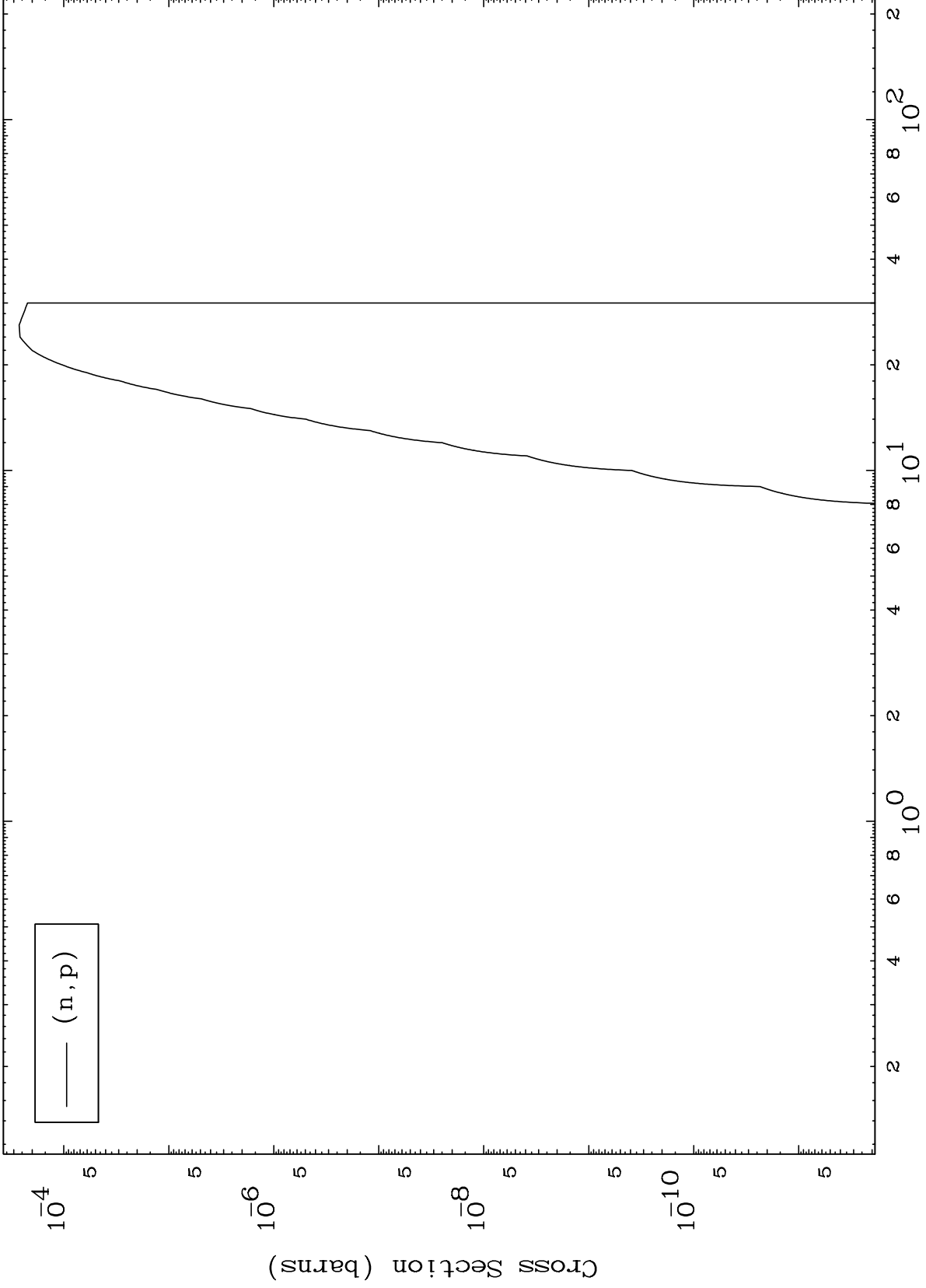


MAT 7746

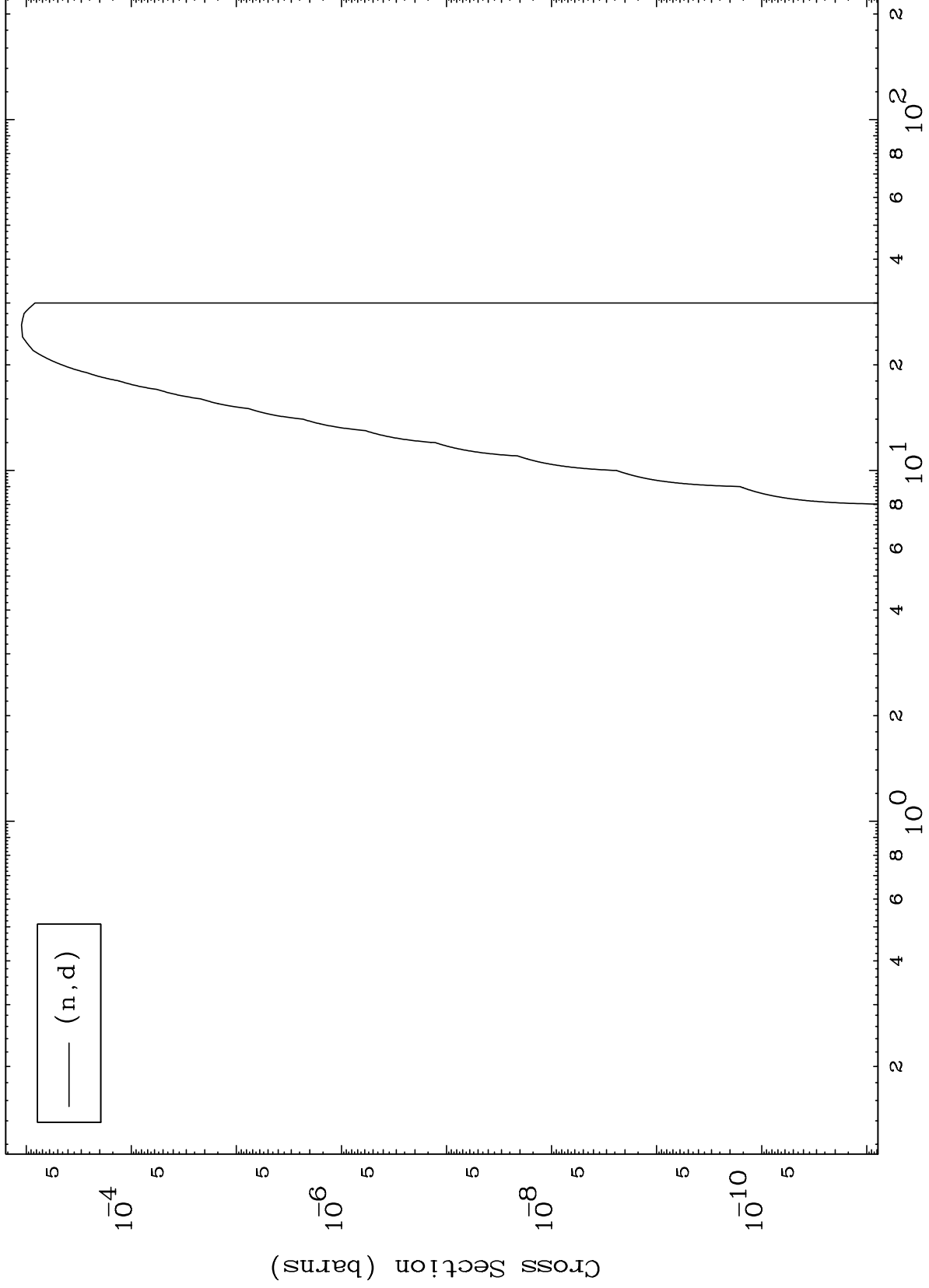
(He-3,p) Levels

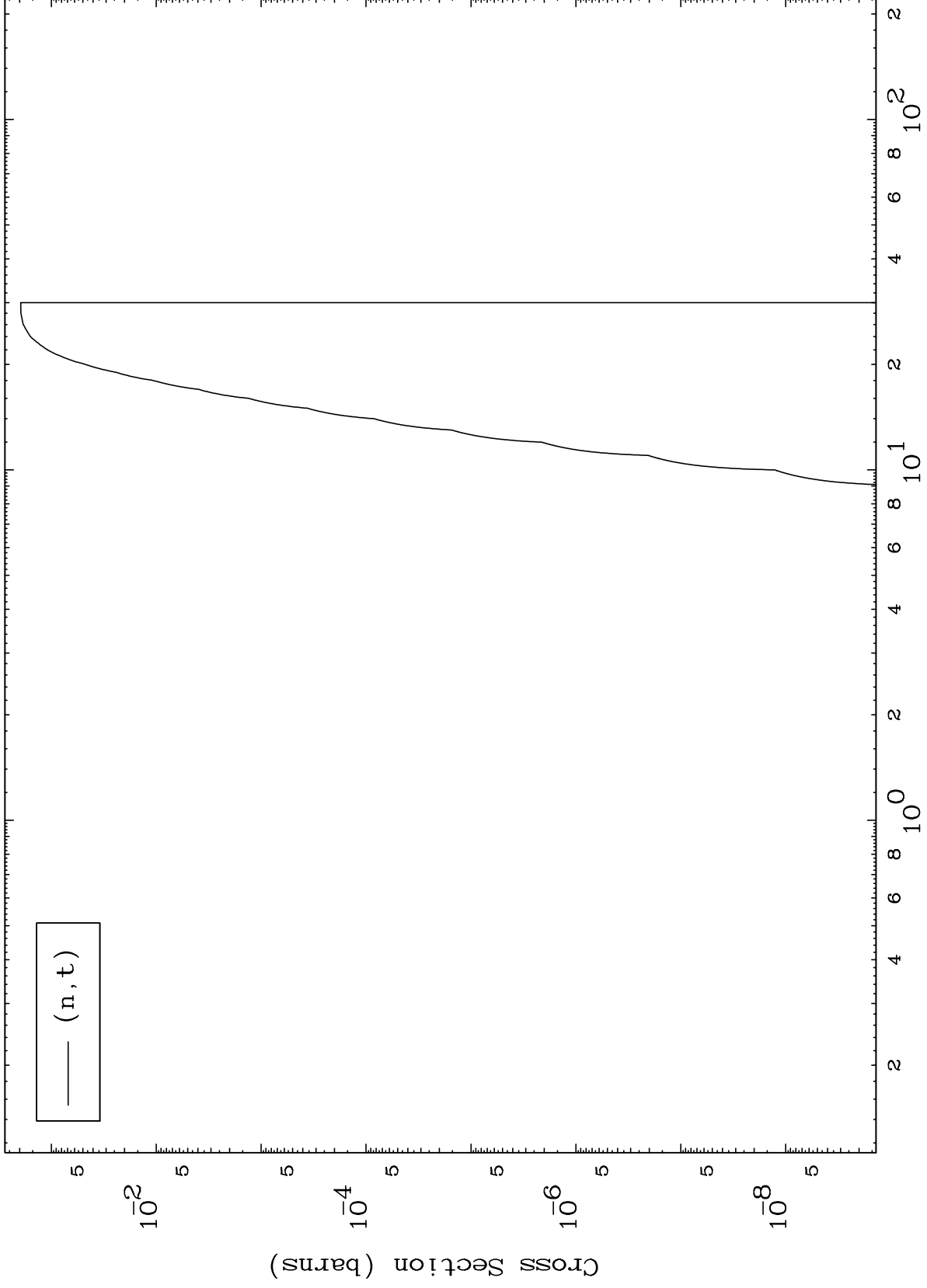
77-Ir-198

0 Kelvin Cross Sections



(n,p)



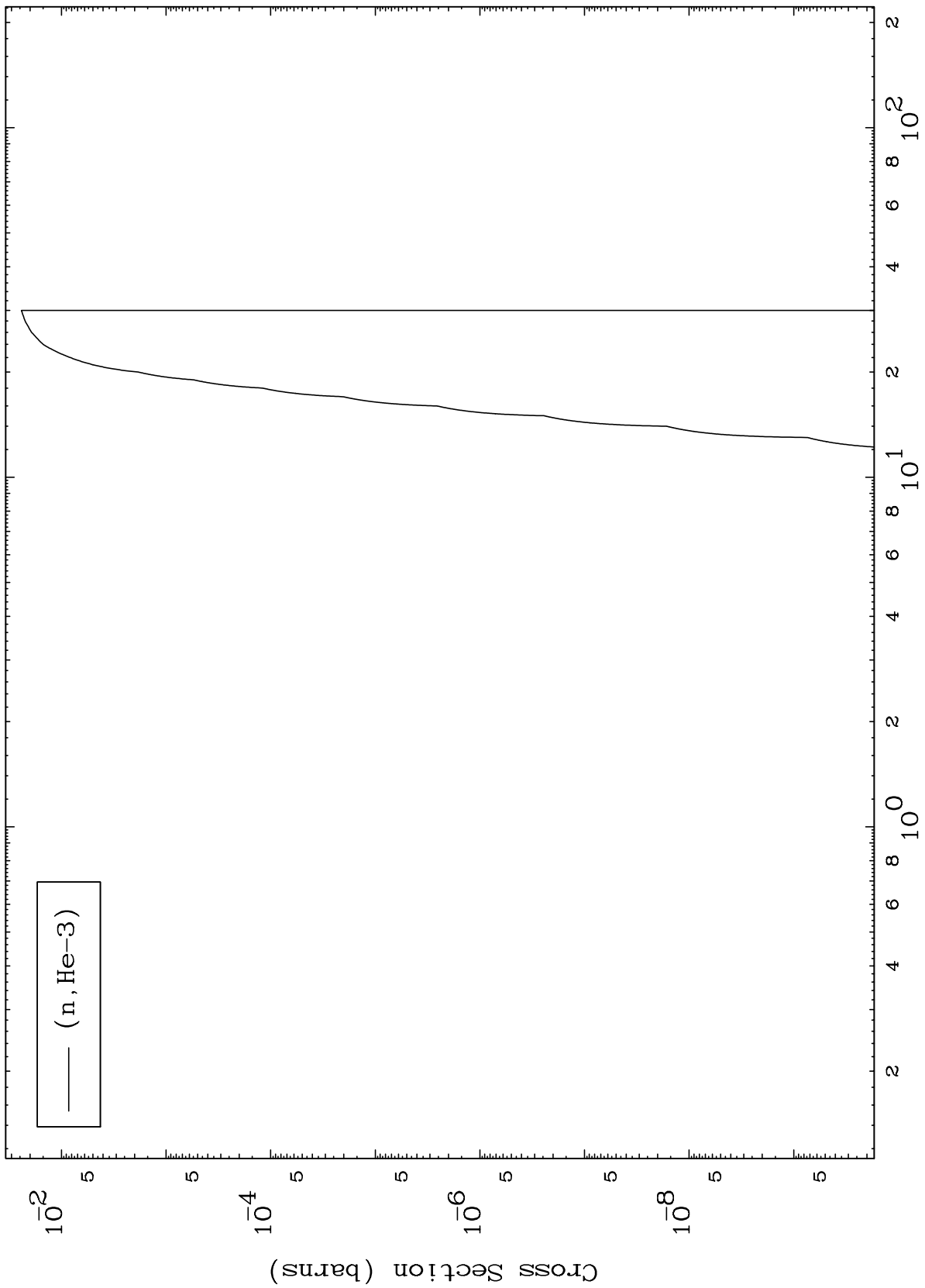


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(He-3, He3) Levels

77-Ir-198

0 Kelvin Cross Sections

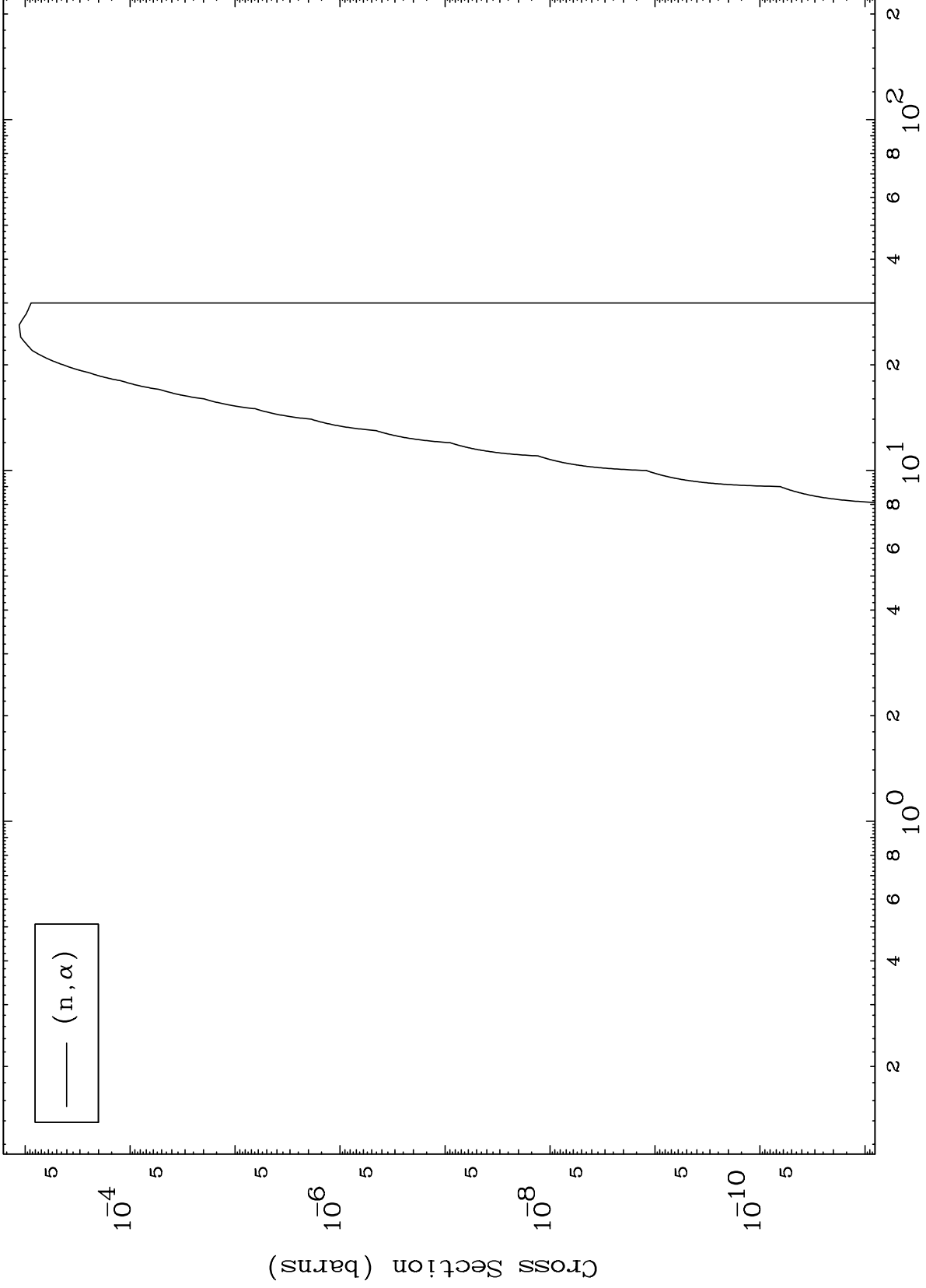


10

Incident Energy (MeV)

77-Ir-198

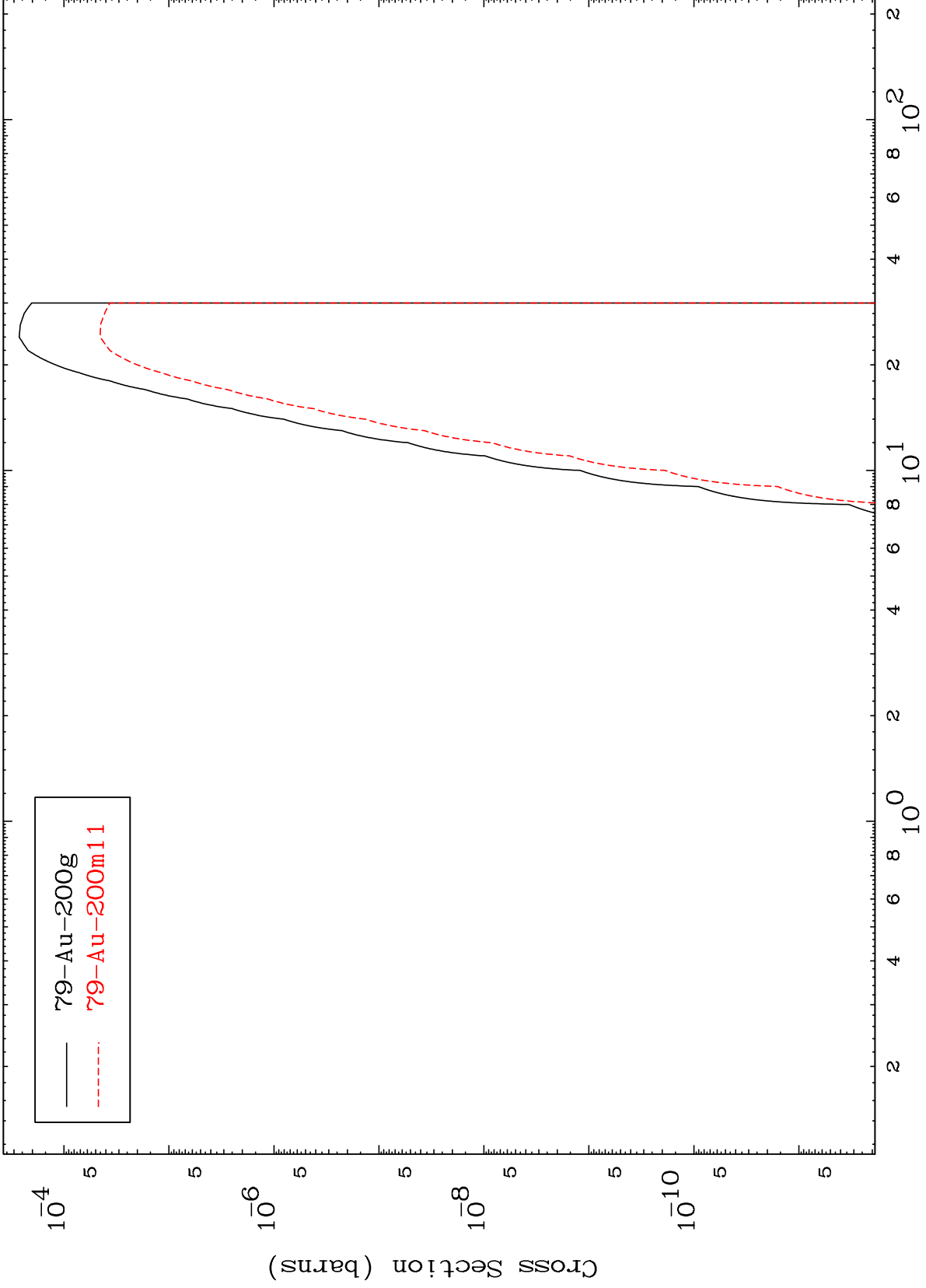
0 Kelvin Cross Sections



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Radionuclide Production Cross Section

77-Ir-198



12

Incident Energy (MeV)

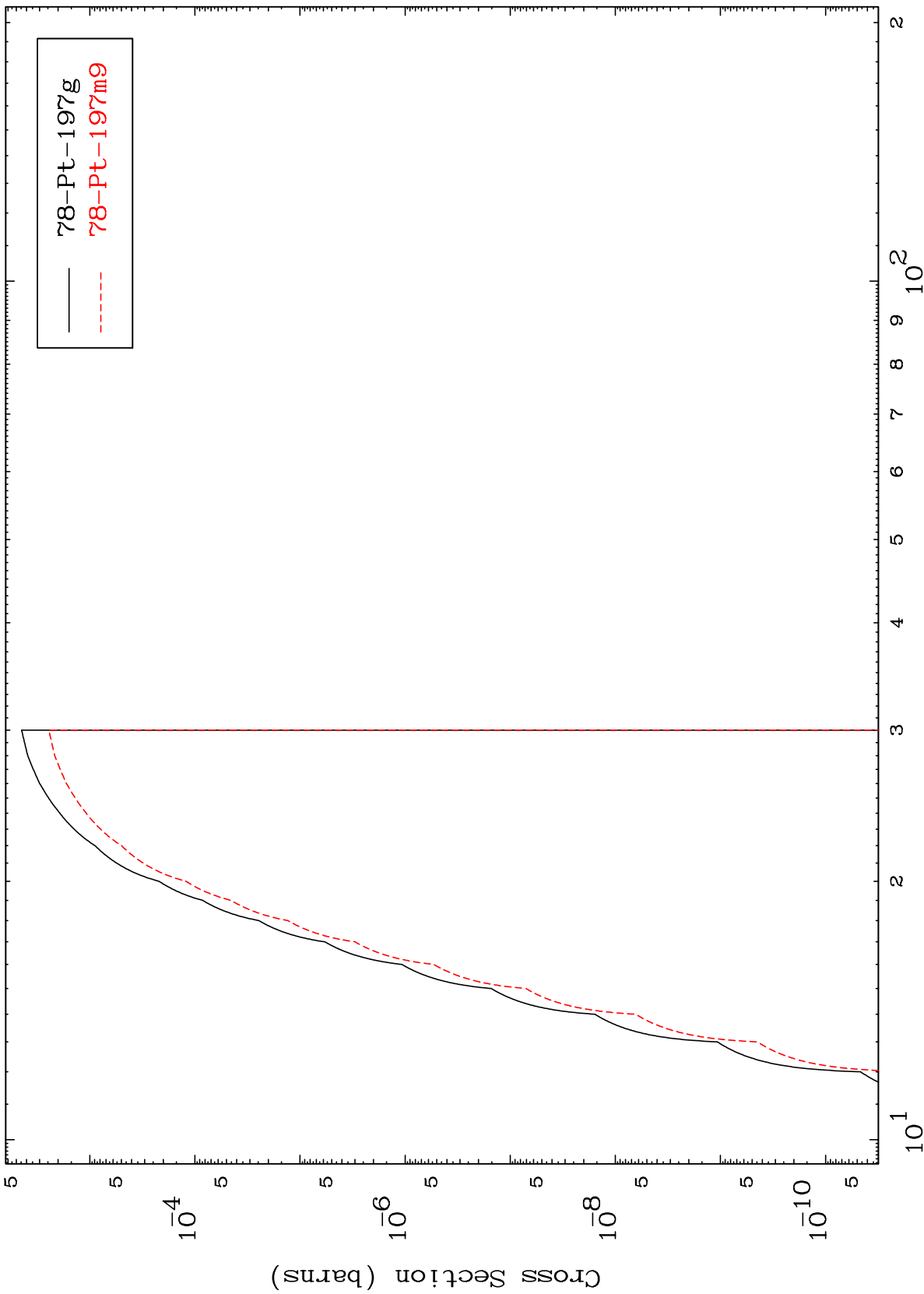
77-Ir-198

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(n,2n) d

77-Ir-198

Radionuclide Production Cross Section



Incident Energy (MeV)

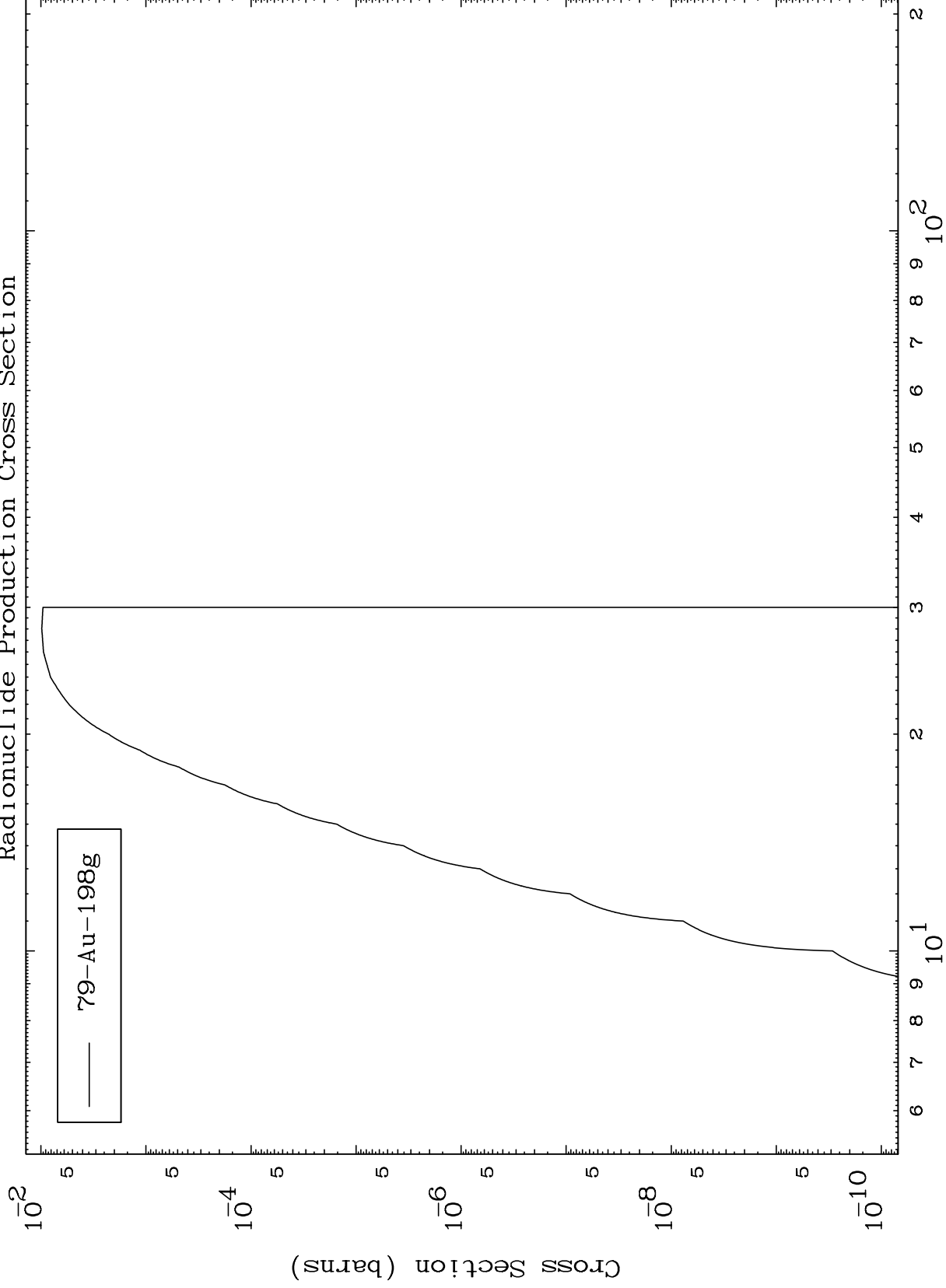
77-Ir-198

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(n,3n)

77-Ir-198

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-198

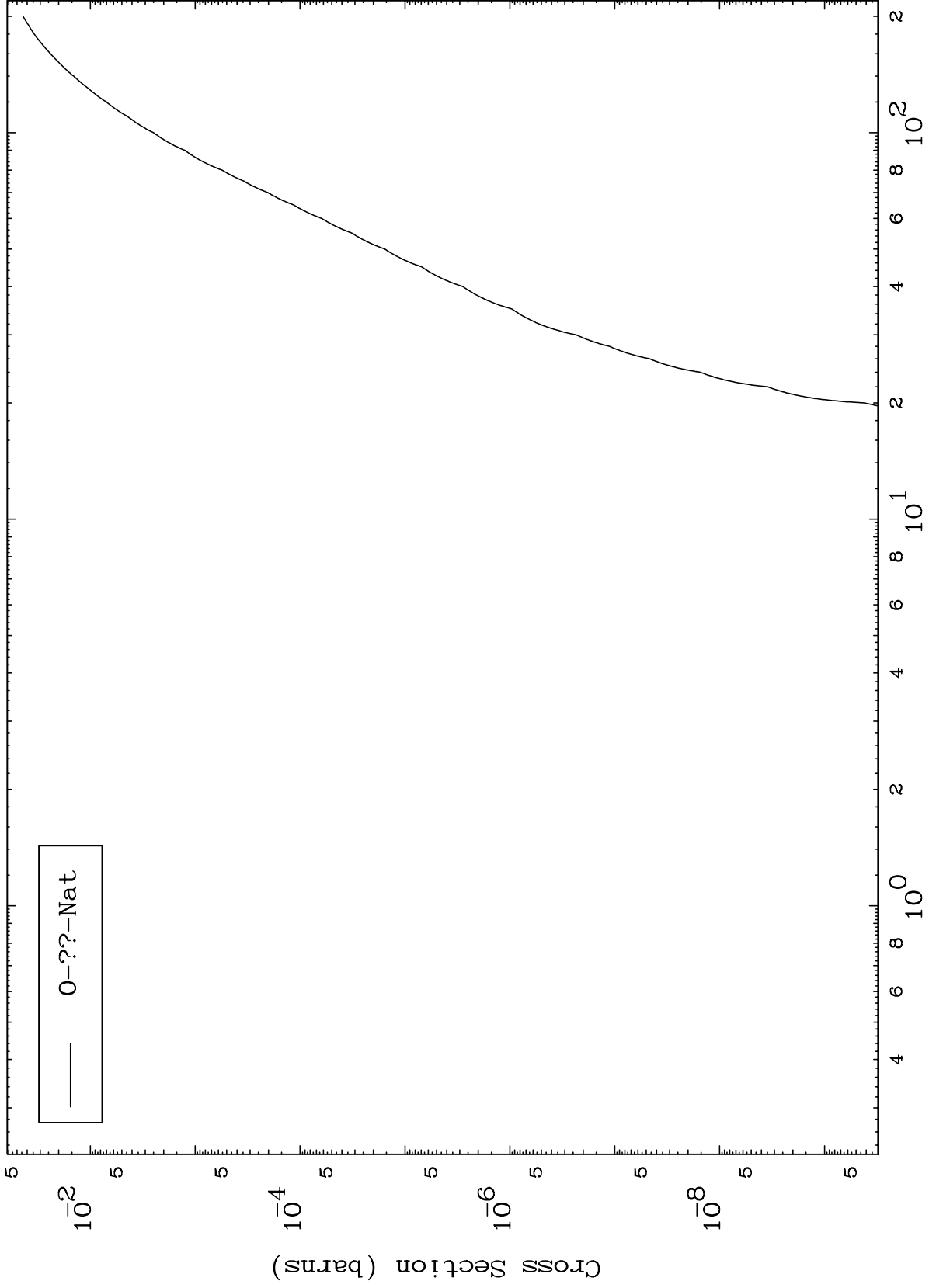
14

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Fission

⁷⁷Ir-198

Radionuclide Production Cross Section



15

Incident Energy (MeV)

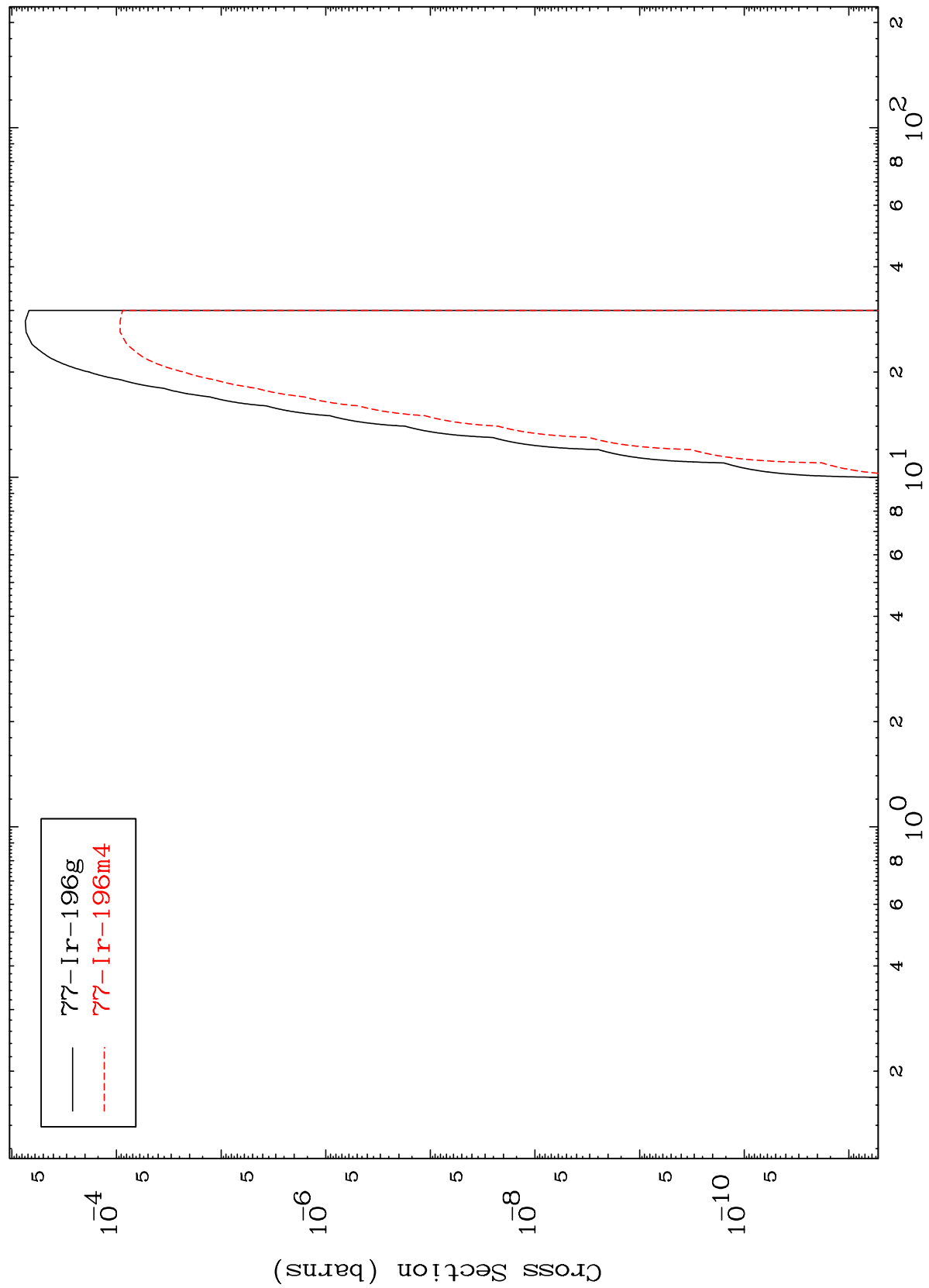
⁷⁷Ir-198

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$(n, n') \alpha$

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

Radionuclide Production Cross Section



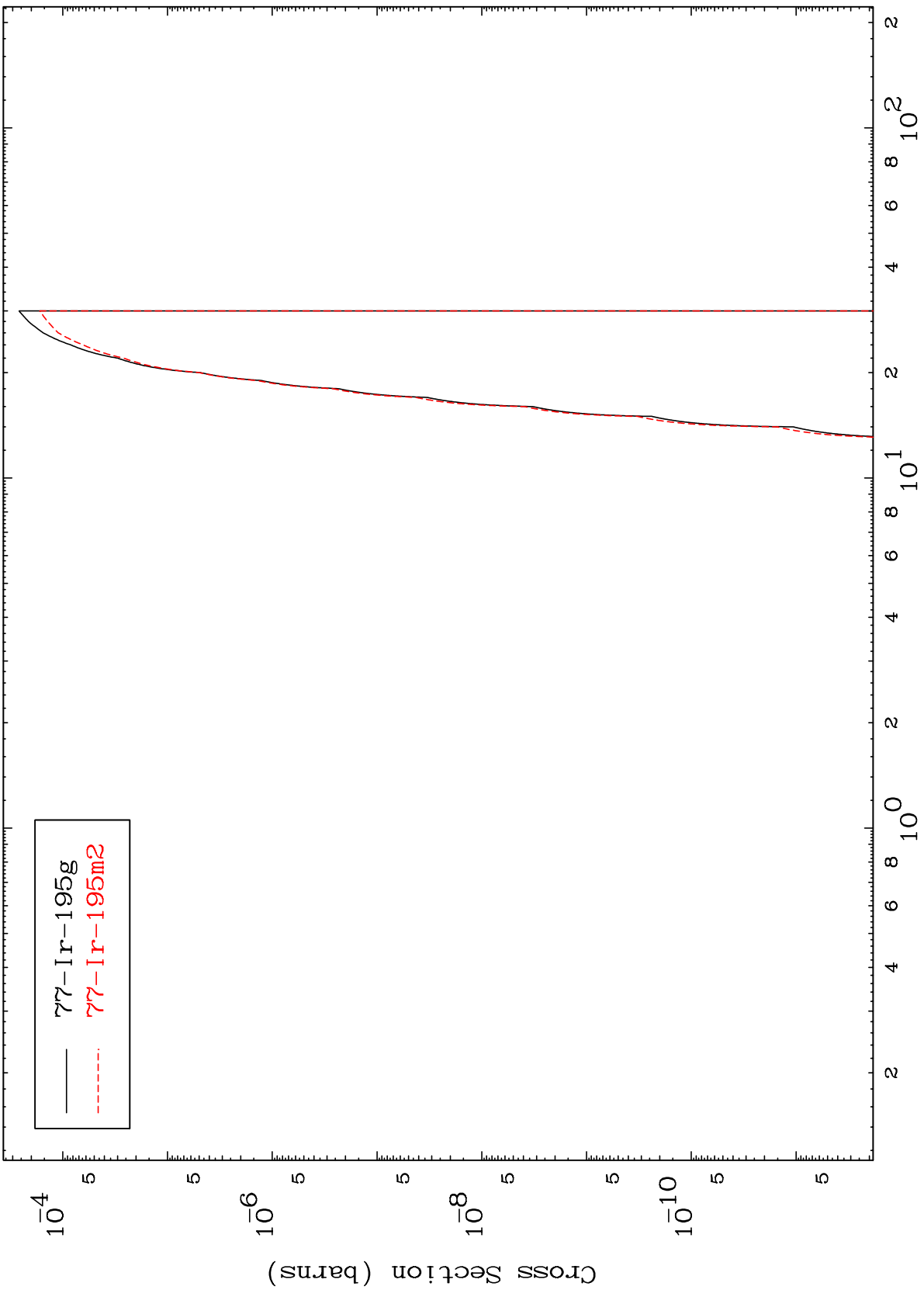
Legend:
— $^{77}\text{Ir-196g}$
- - - $^{77}\text{Ir-196m4}$

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^{77}Ir α

^{77}Ir -198

Radionuclide Production Cross Section

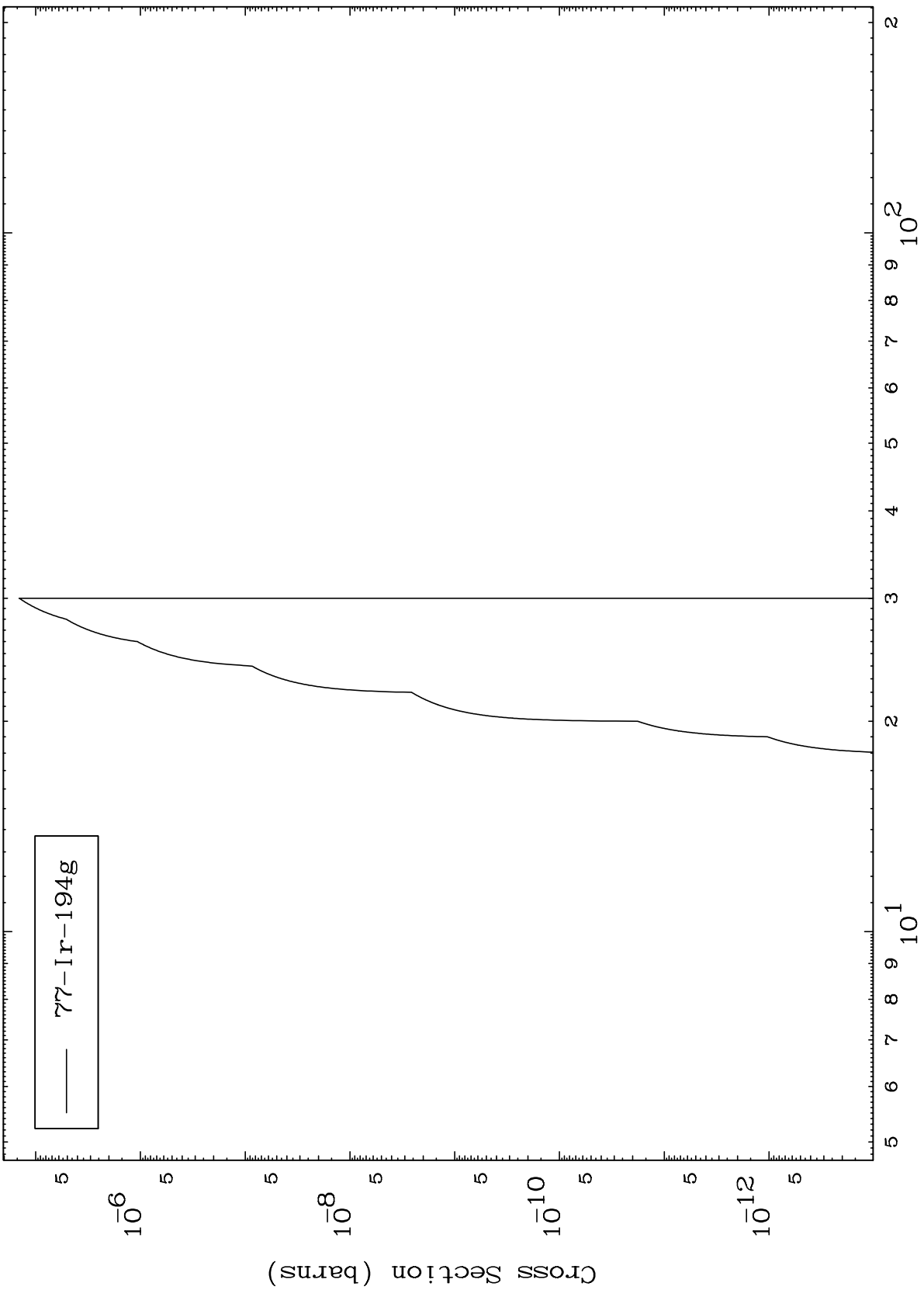


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$(n,3n) \alpha$

77-Ir-198

Radionuclide Production Cross Section



18

Incident Energy (MeV)

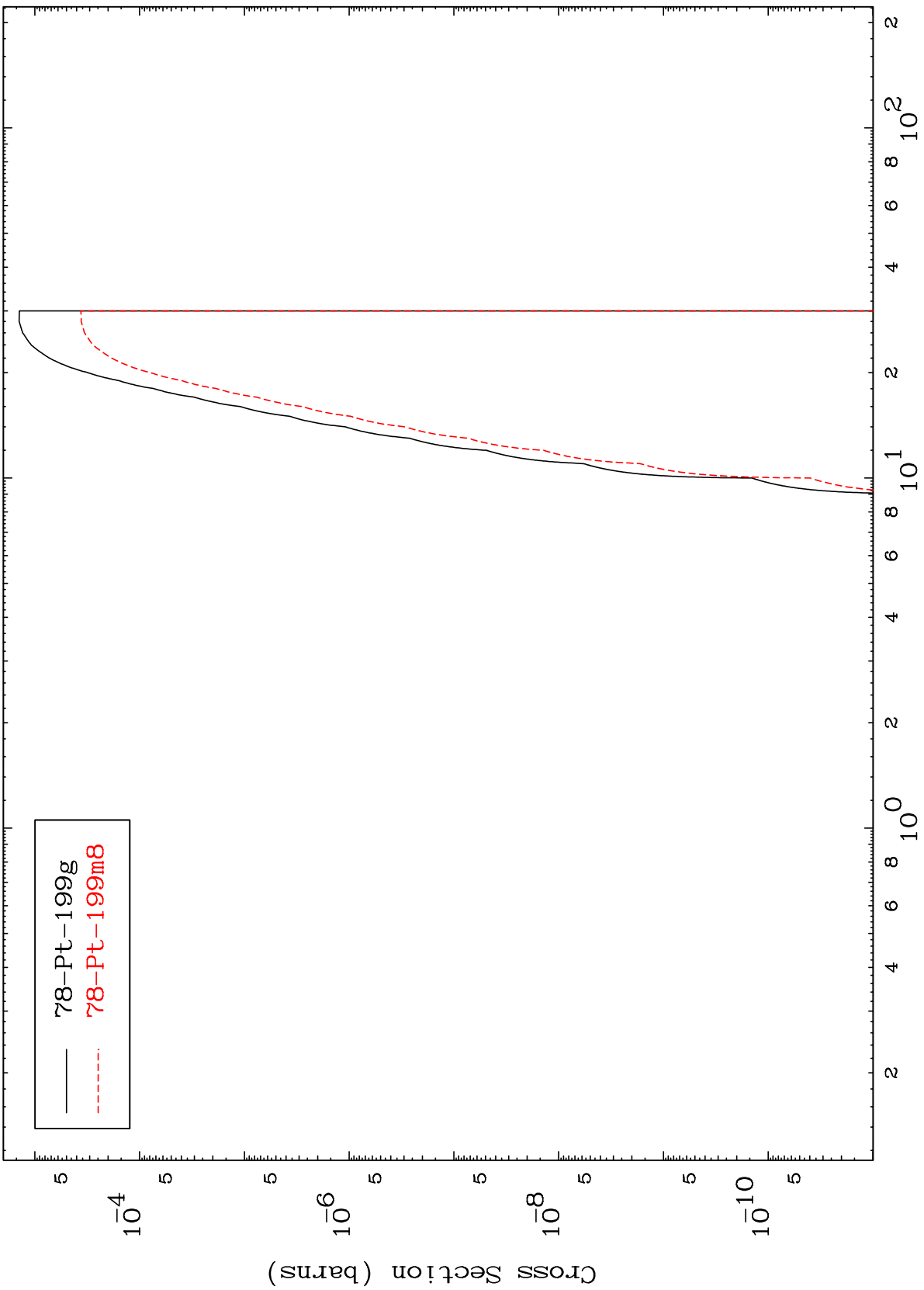
77-Ir-198

MAT 7746

(n,n') p

77-Ir-198

Radionuclide Production Cross Section



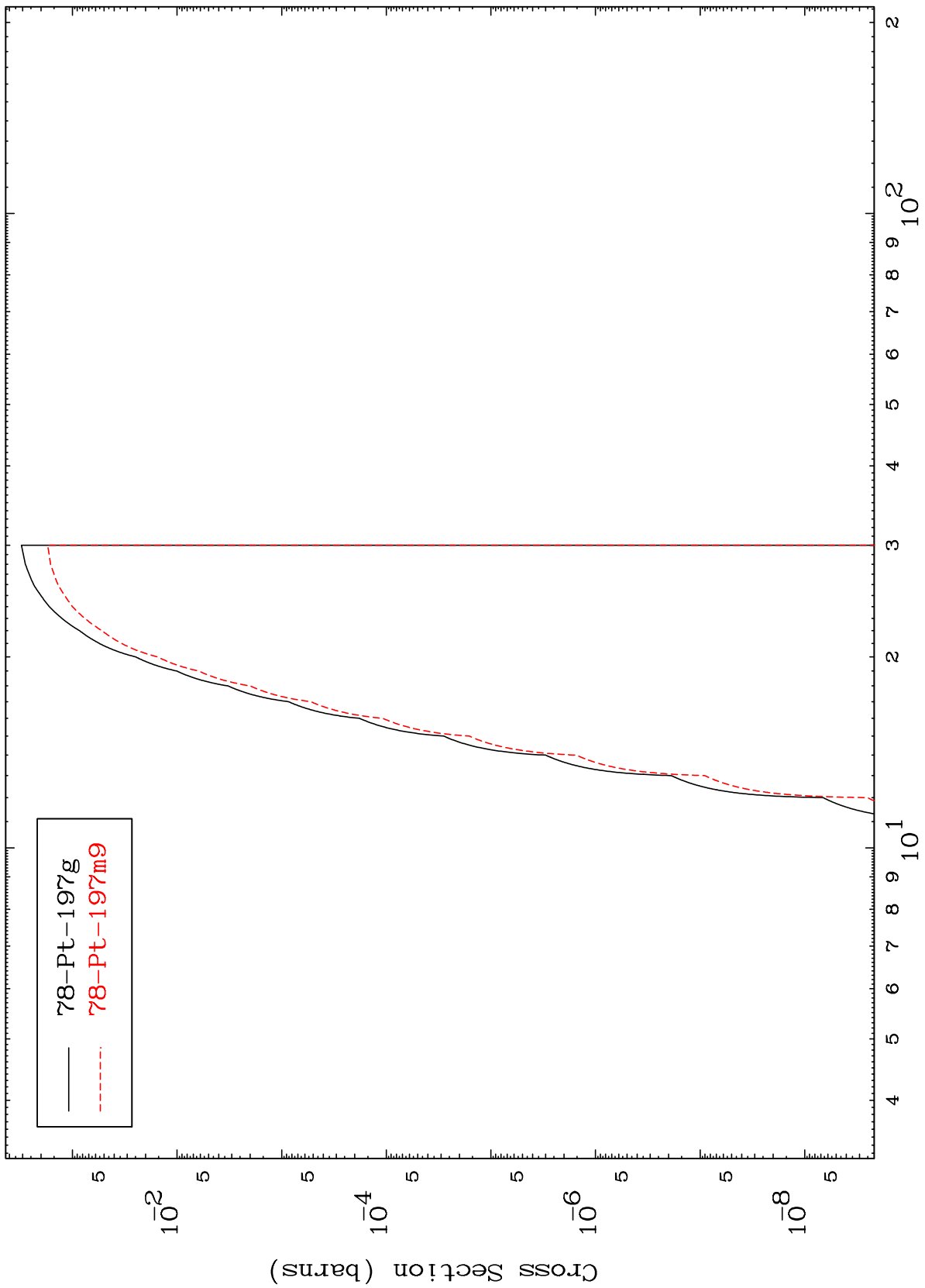
78-Pt-199g
78-Pt-199m8

MAT 7746

(n,n') t

77-Ir-198

Radionuclide Production Cross Section



20

Incident Energy (MeV)

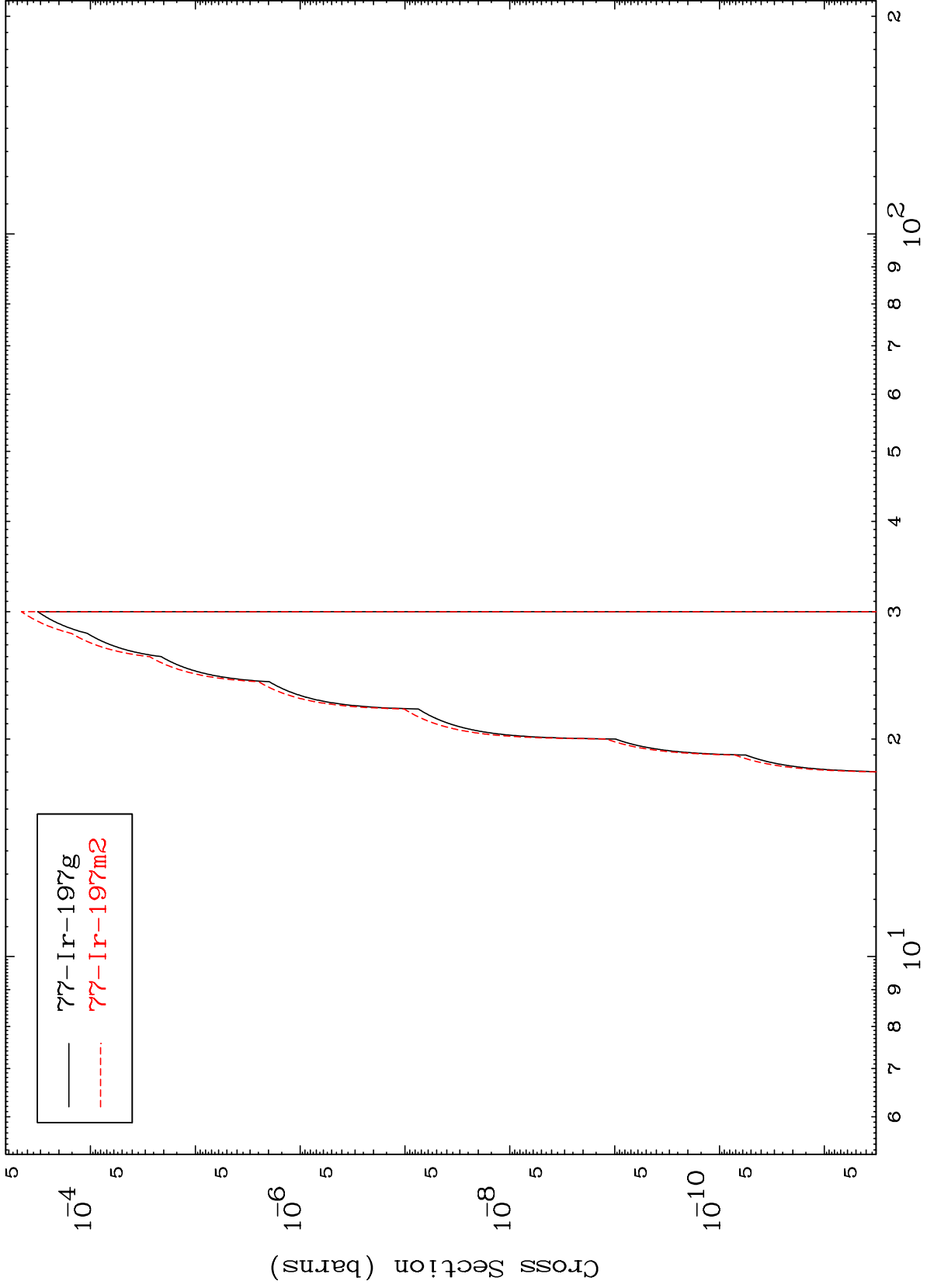
77-Ir-198

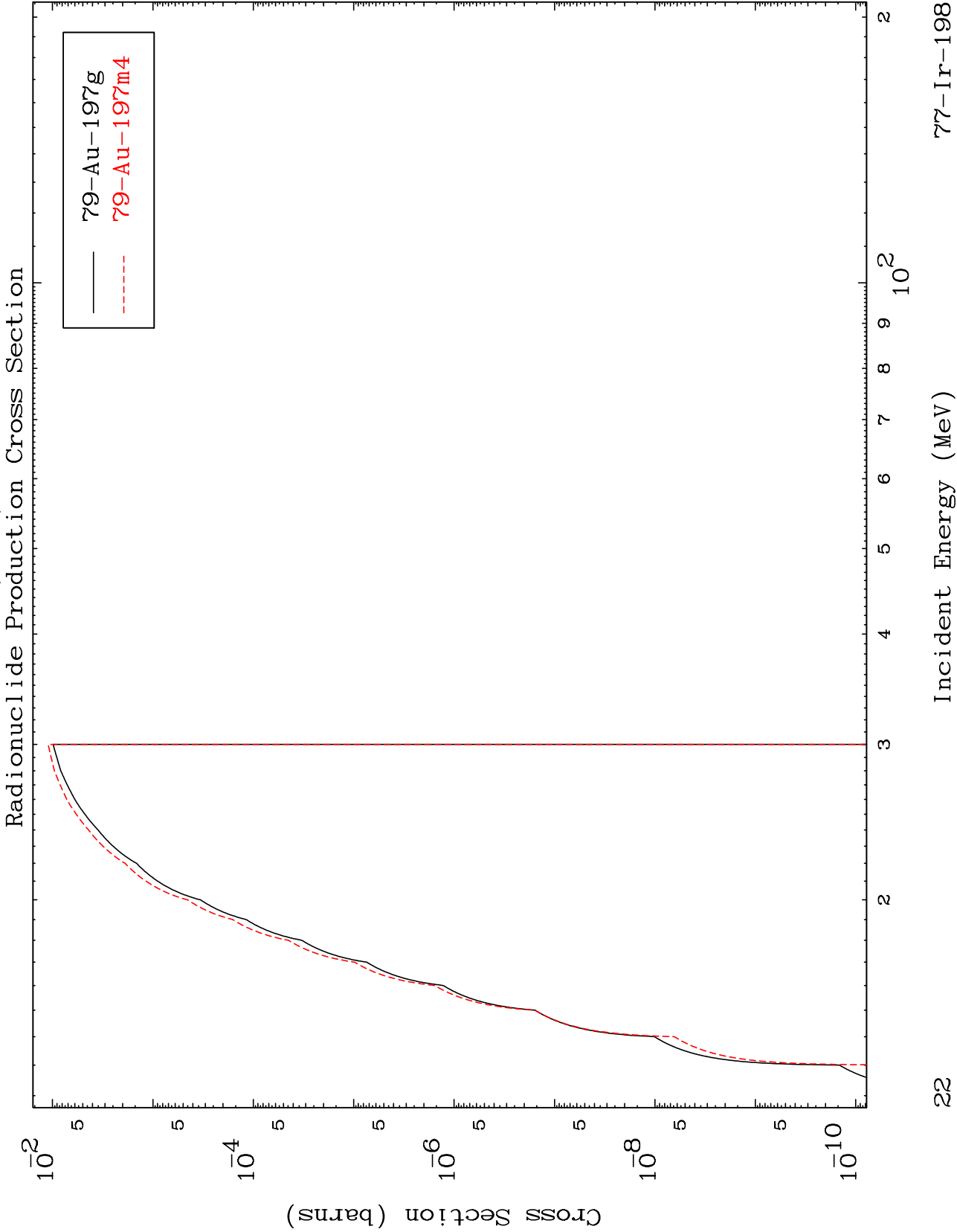
MAT 7746

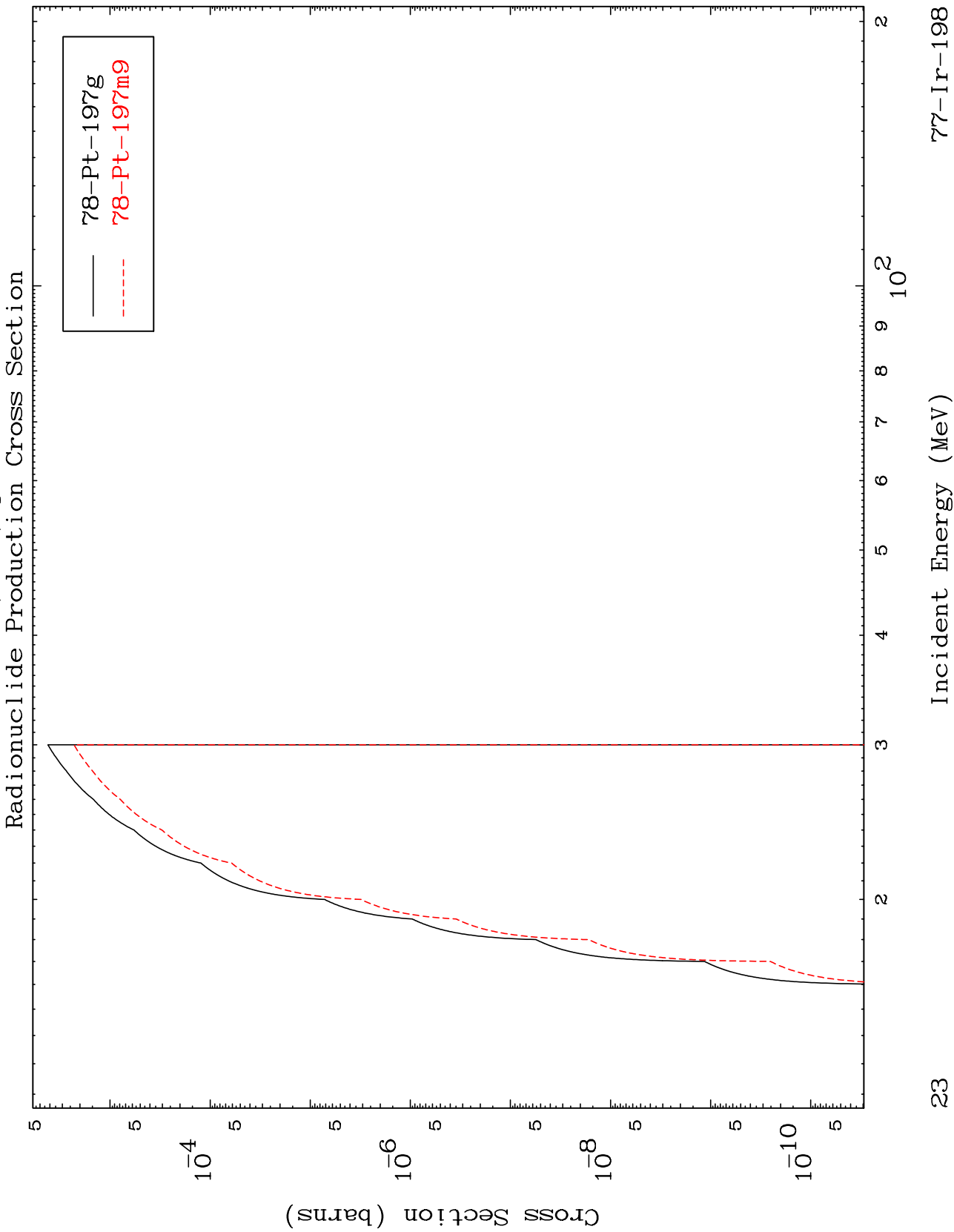
(n,n') He-3

77-Ir-198

Radionuclide Production Cross Section





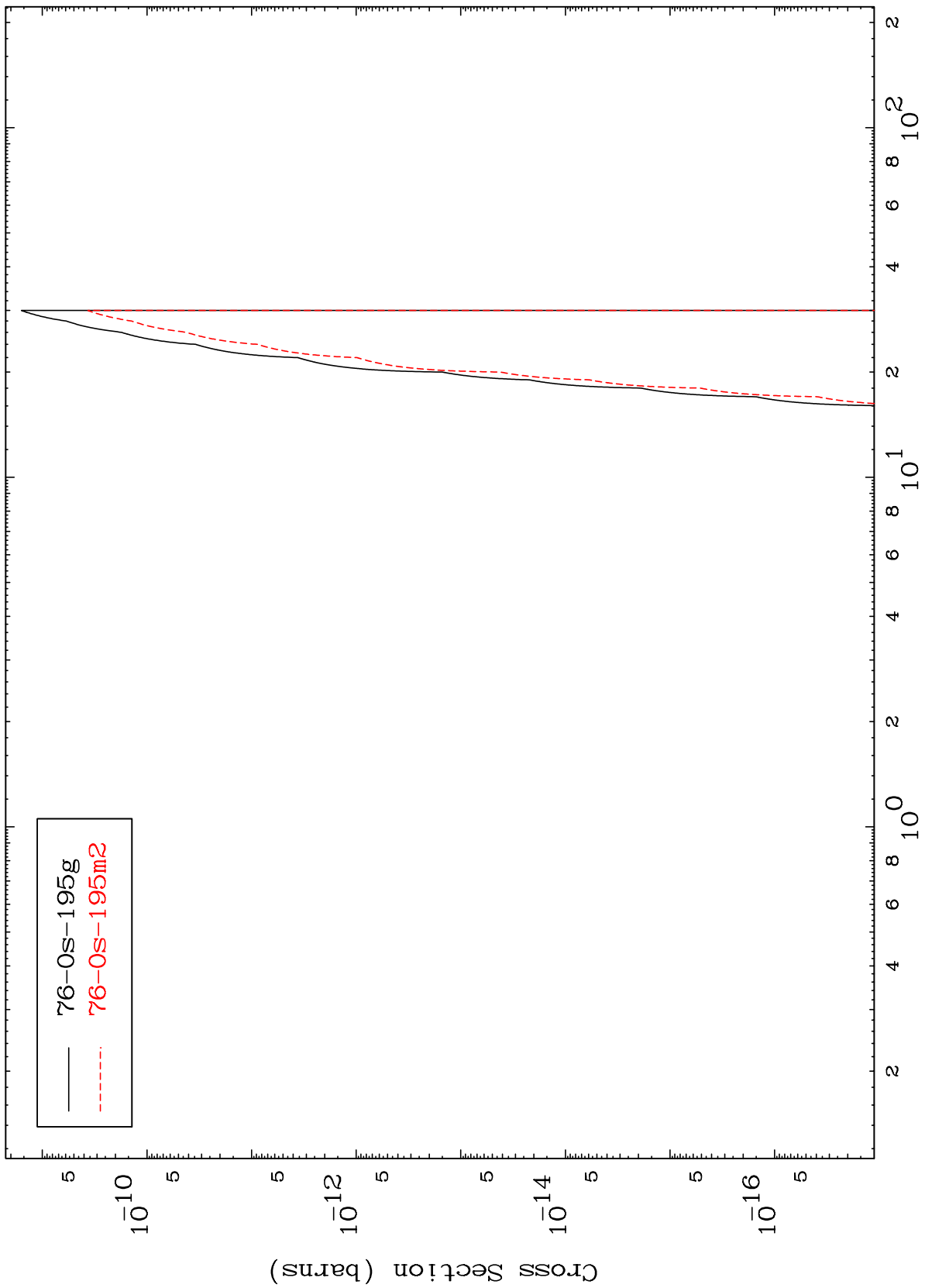


MAT 7746

(n,n') p α

77-Ir-198

Radionuclide Production Cross Section

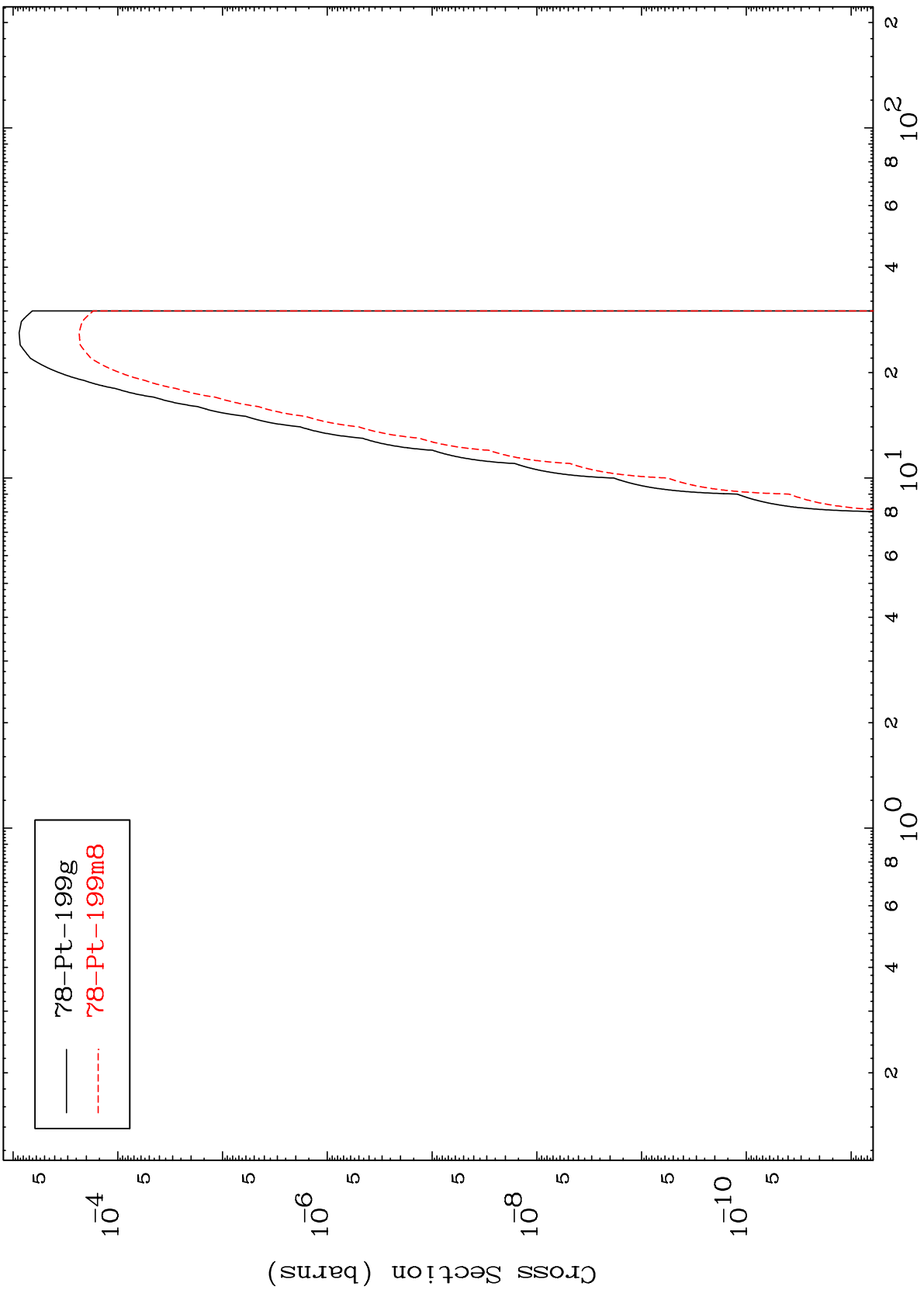


MAT 7746

(n,d)

77-Ir-198

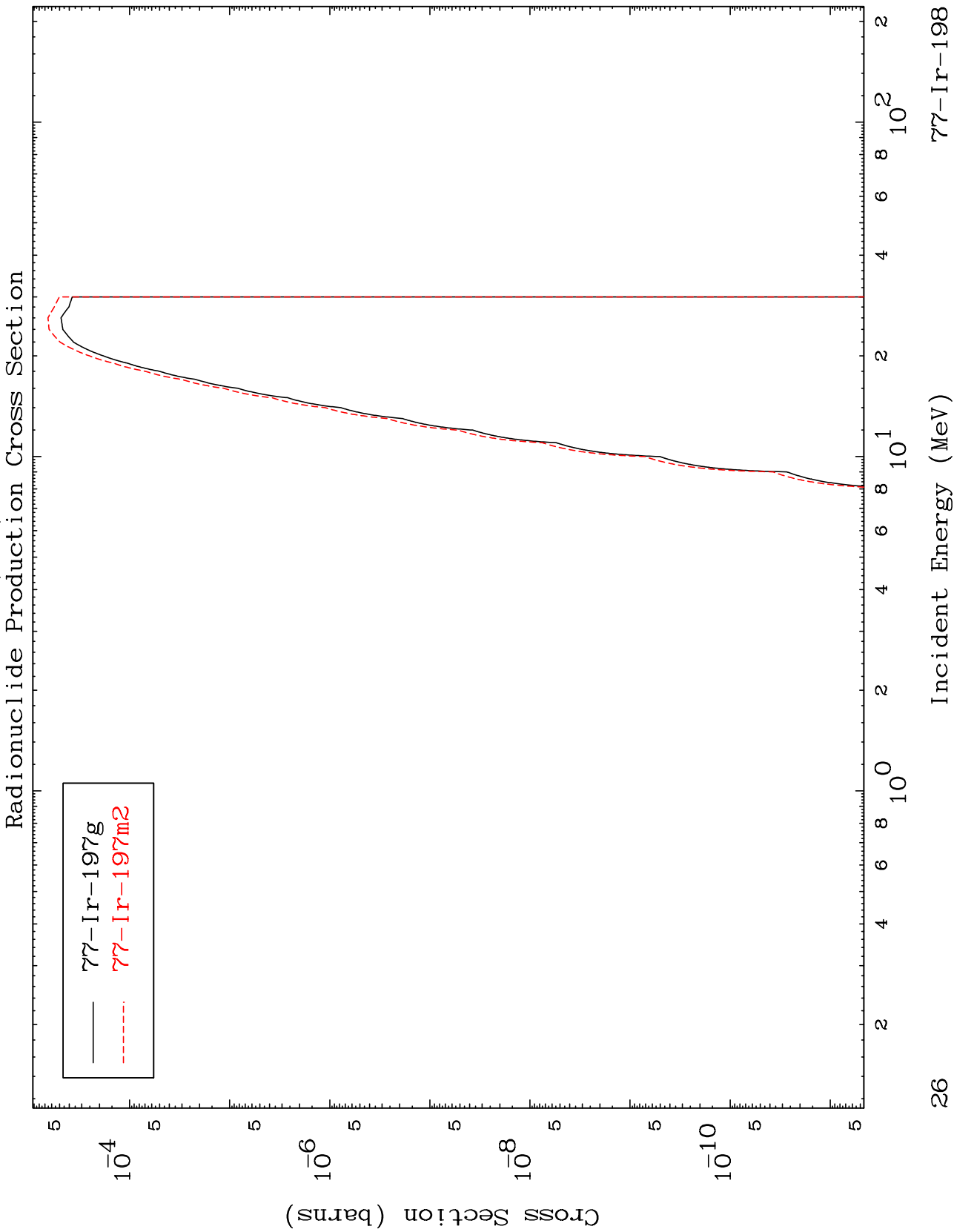
Radionuclide Production Cross Section



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

MAT 7746

77-Ir-198

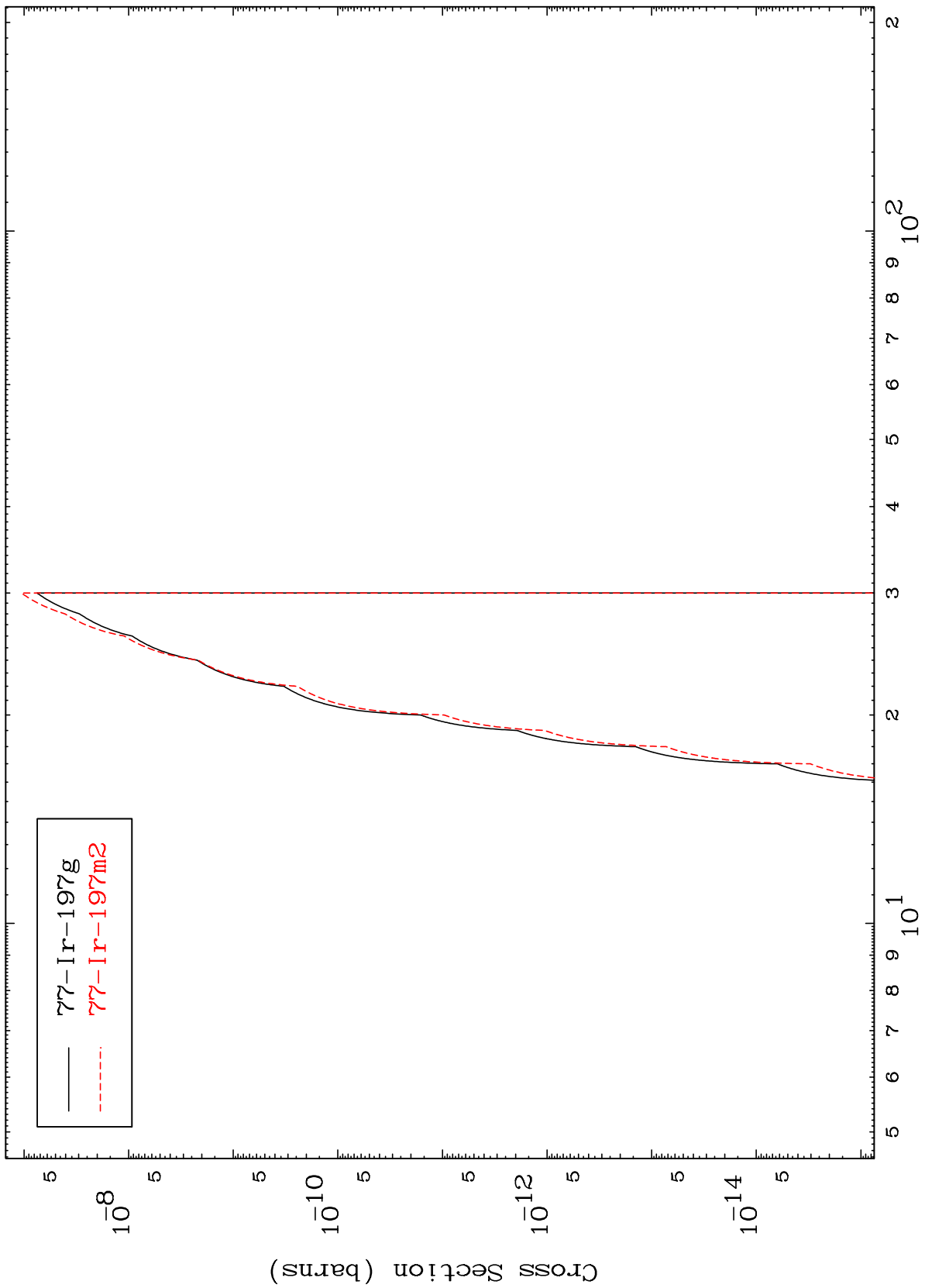


MAT 7746

(n,p) t

77-Ir-198

Radionuclide Production Cross Section



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