

Program EVALPLOT
(Version 2021-1)

by

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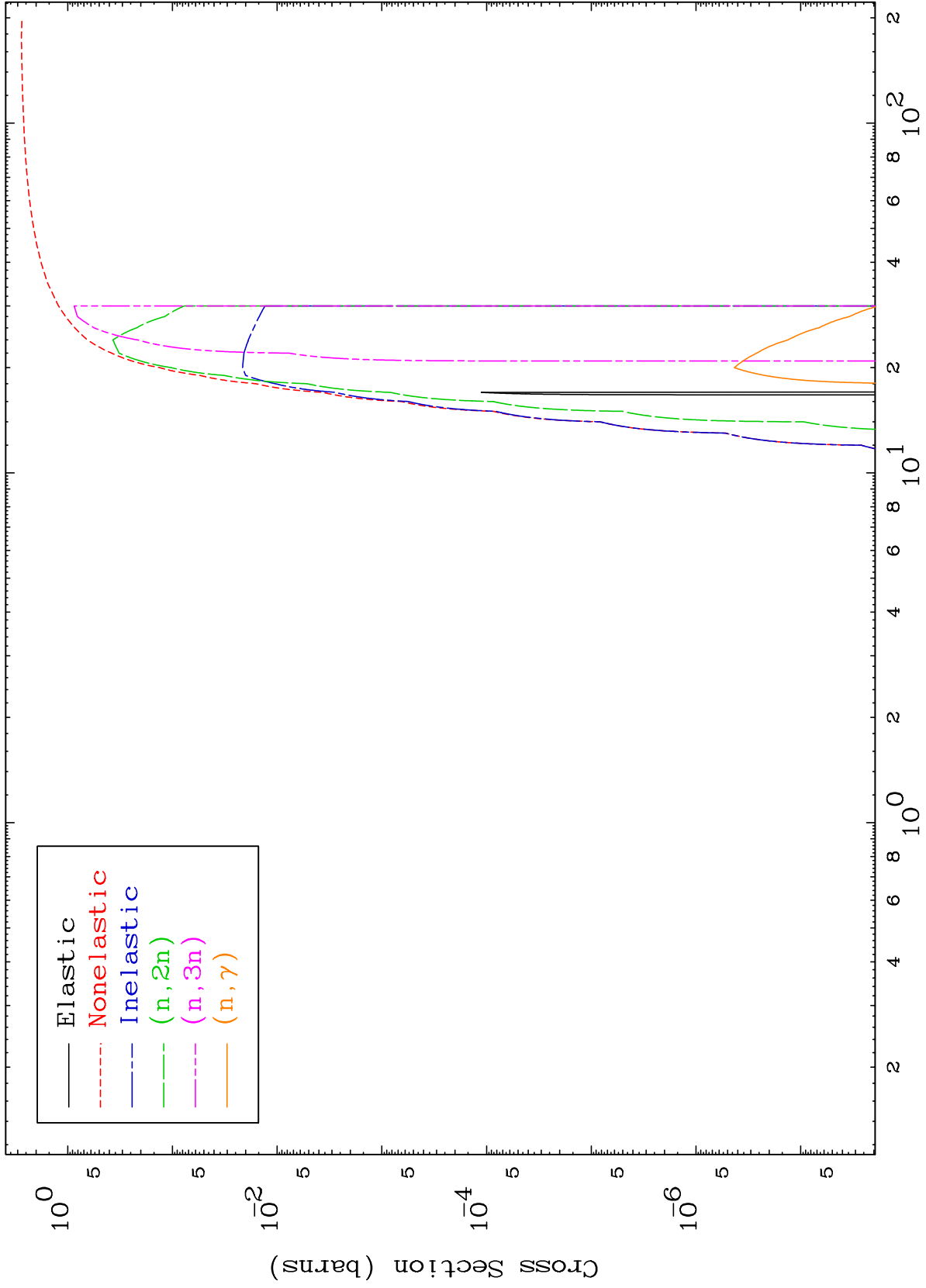
Press Mouse Button to Start

MAT 7743

0 Kelvin

Major Cross Sections

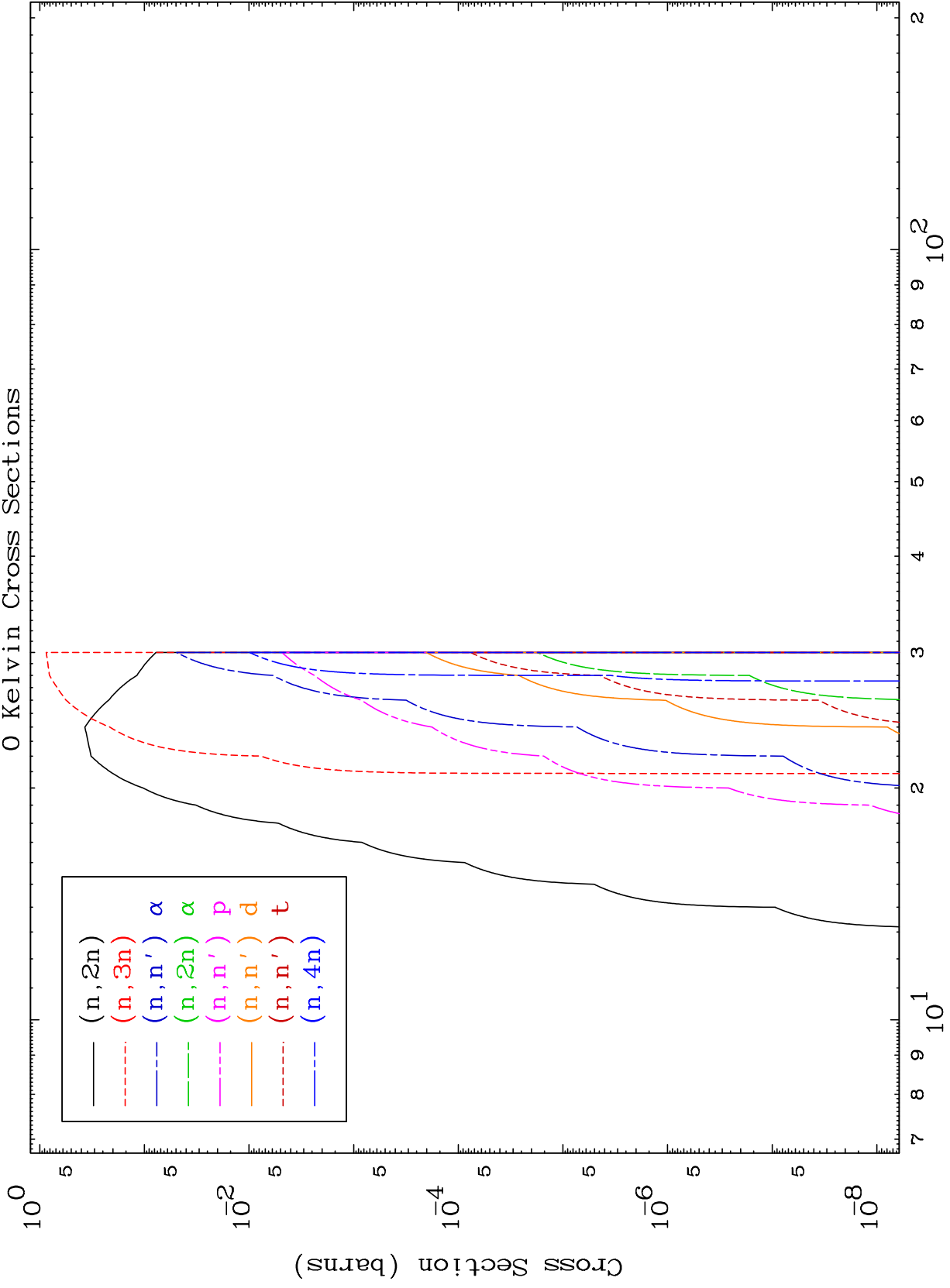
77-Ir-197



MAT 7743

α Neutron Absorption
0 Kelvin Cross Sections

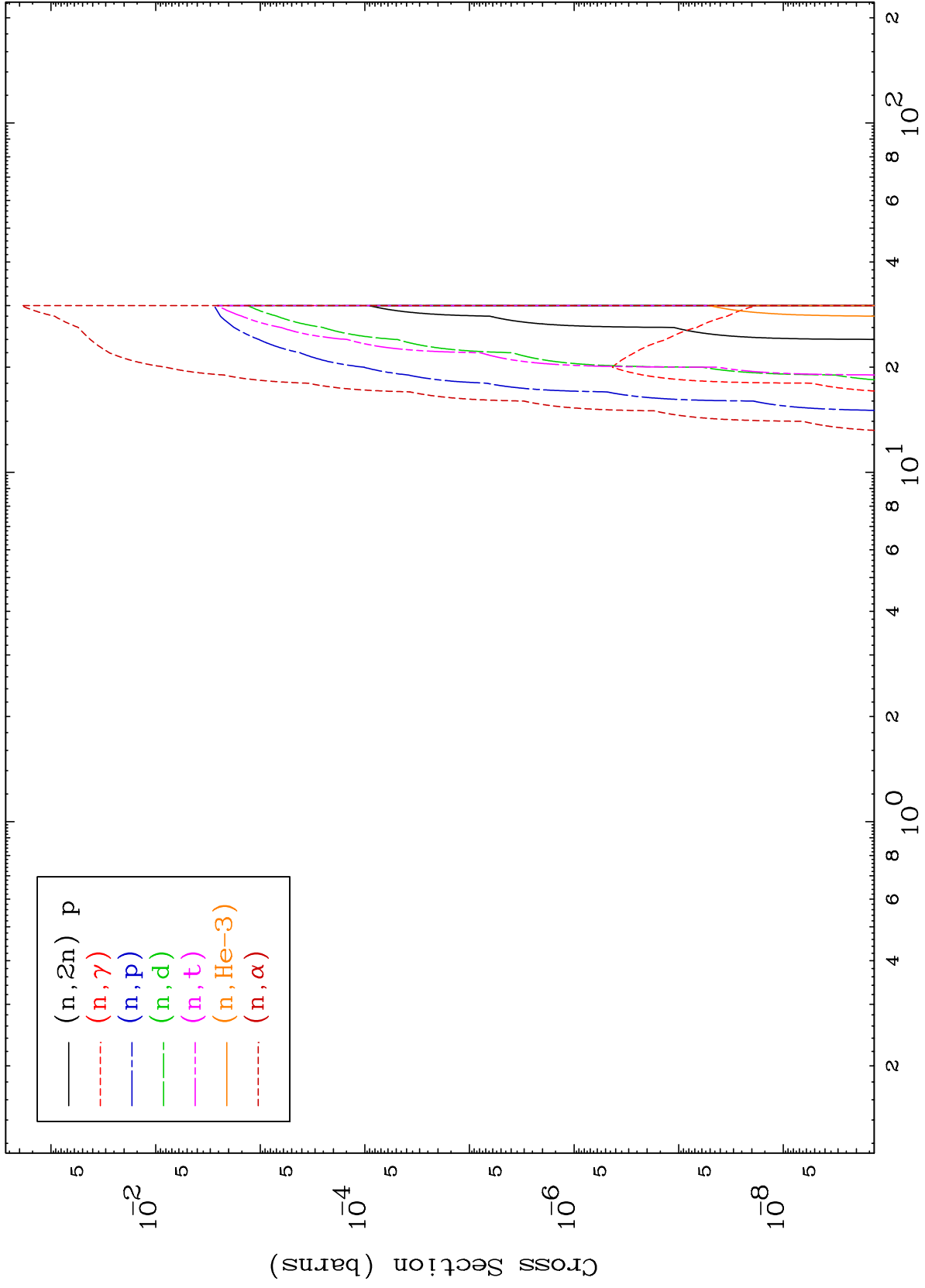
77-Ir-197



2

Incident Energy (MeV)

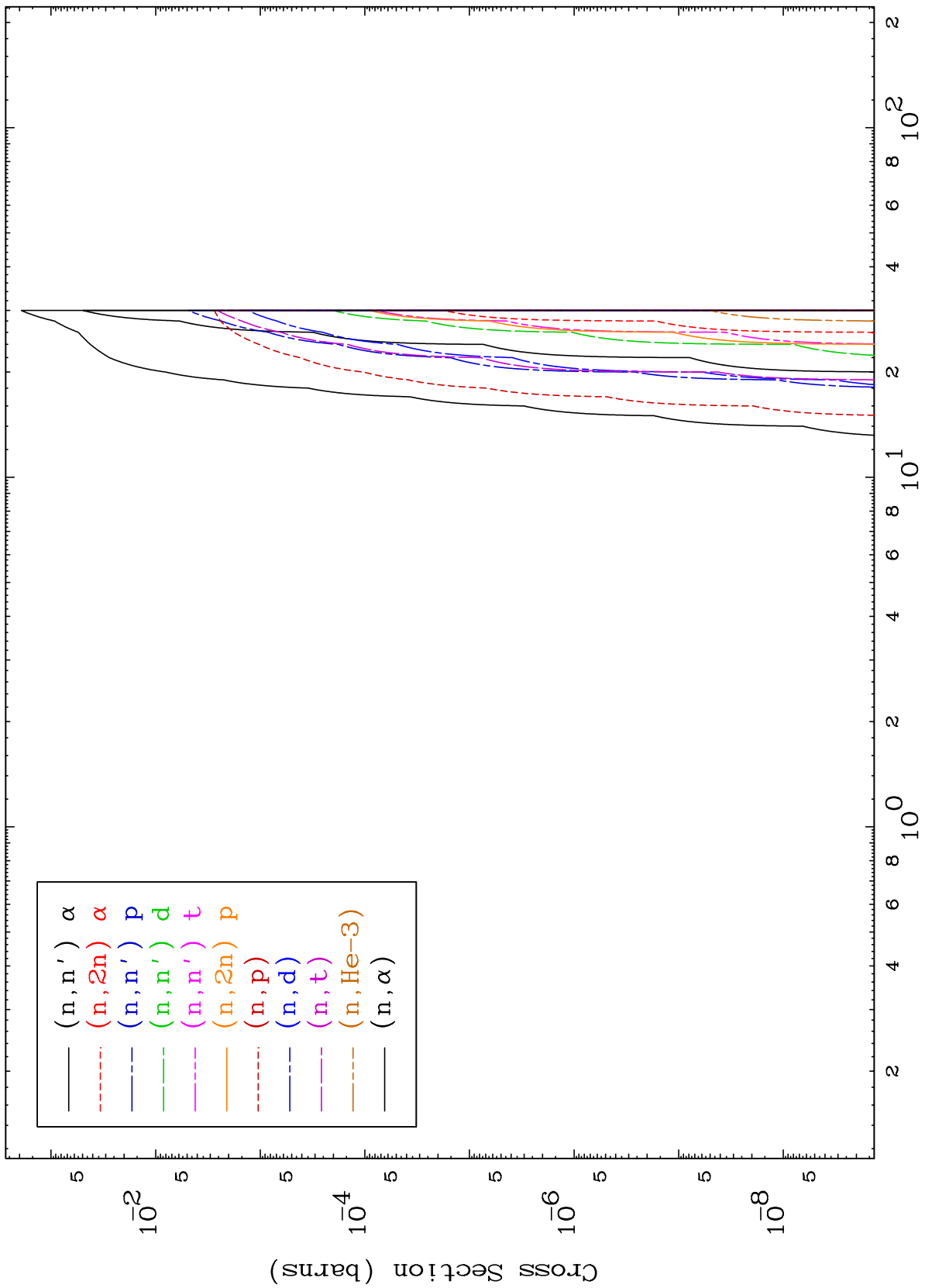
77-Ir-197



MAT 7743

α Charged Particle
0 Kelvin Cross Sections

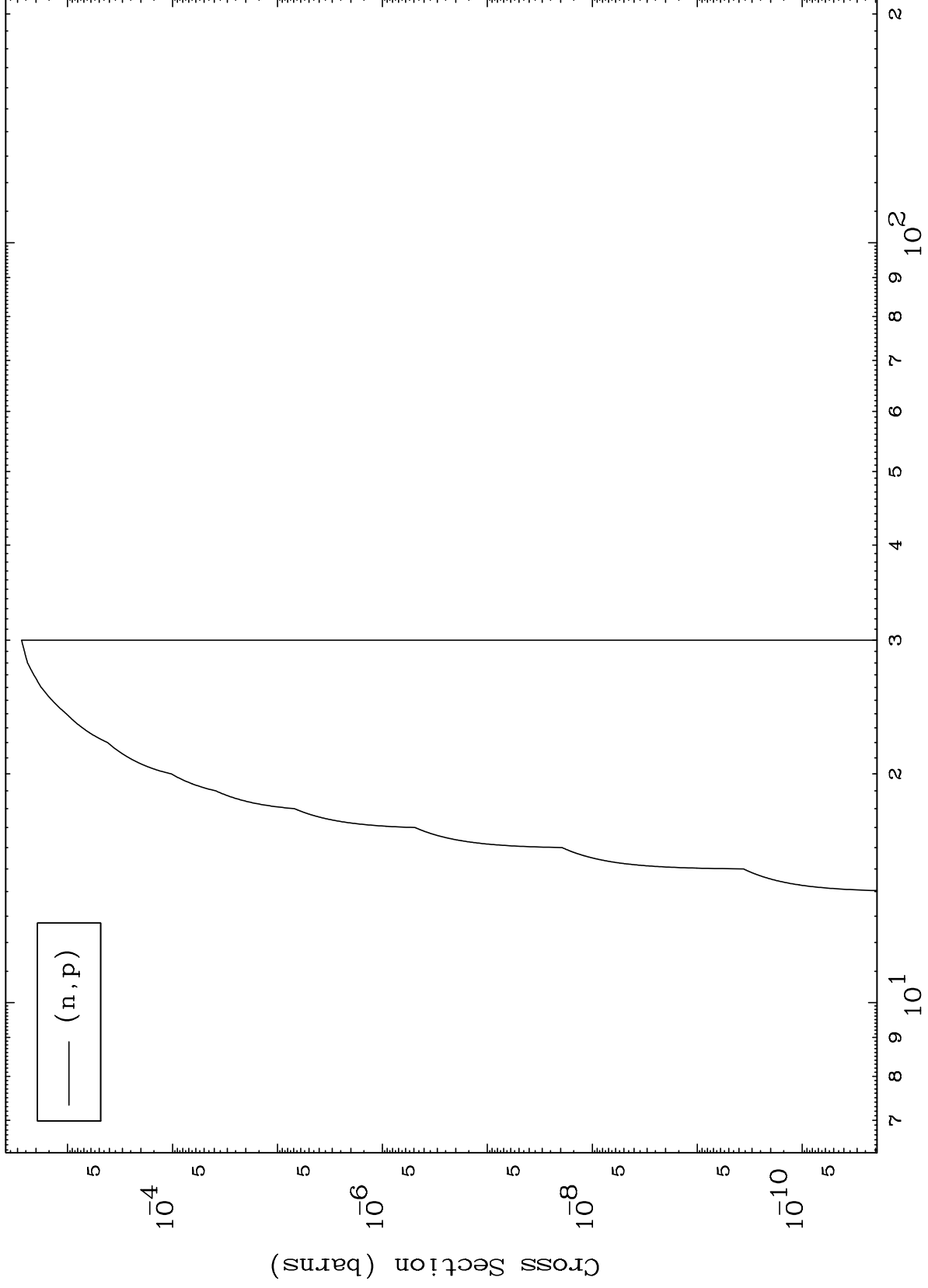
77-Ir-197



MAT 7743

(α, p) Levels
0 Kelvin Cross Sections

77-Ir-197



5

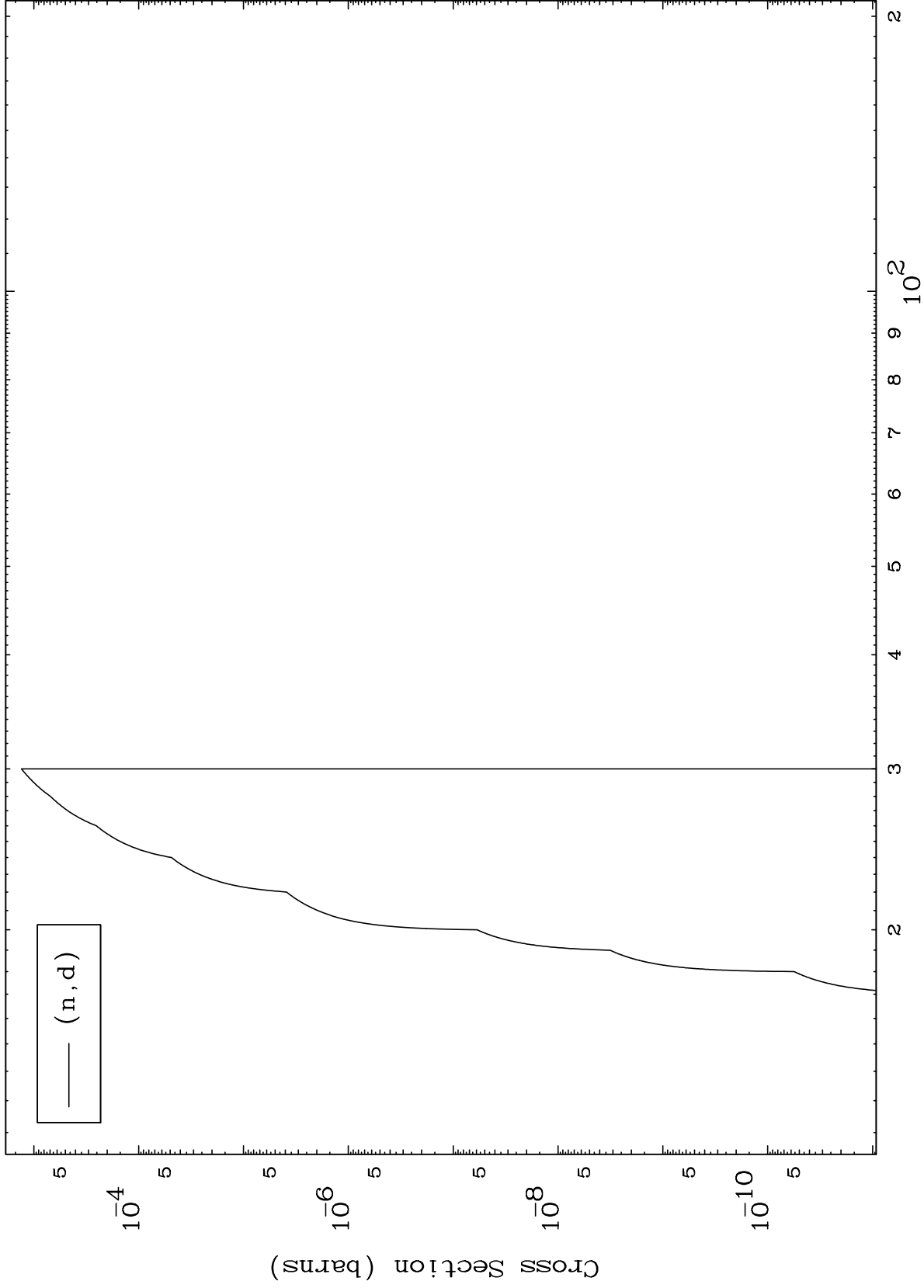
Incident Energy (MeV)

77-Ir-197

MAT 7743

77-Ir-197

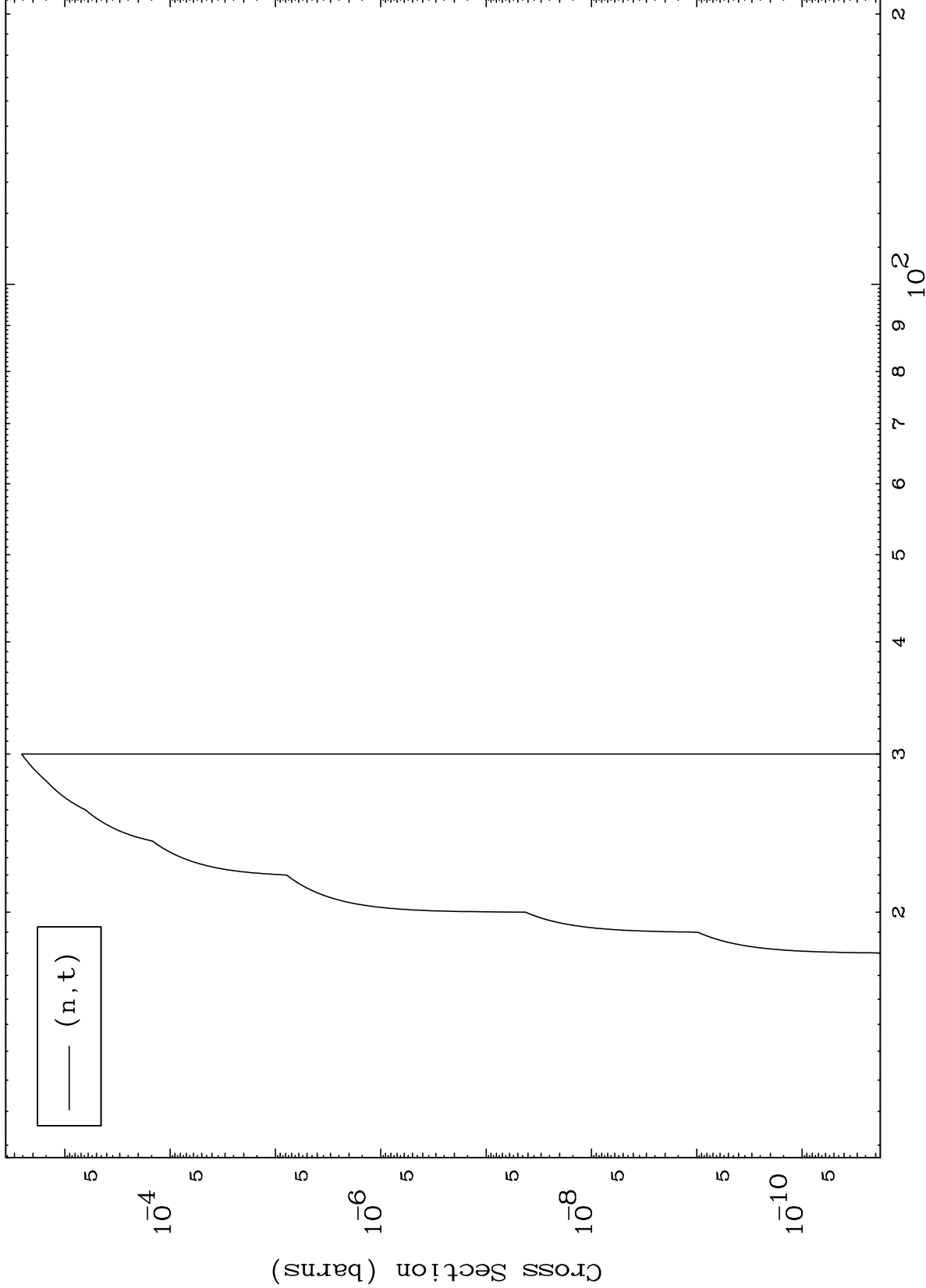
(α, d) Levels
0 Kelvin Cross Sections

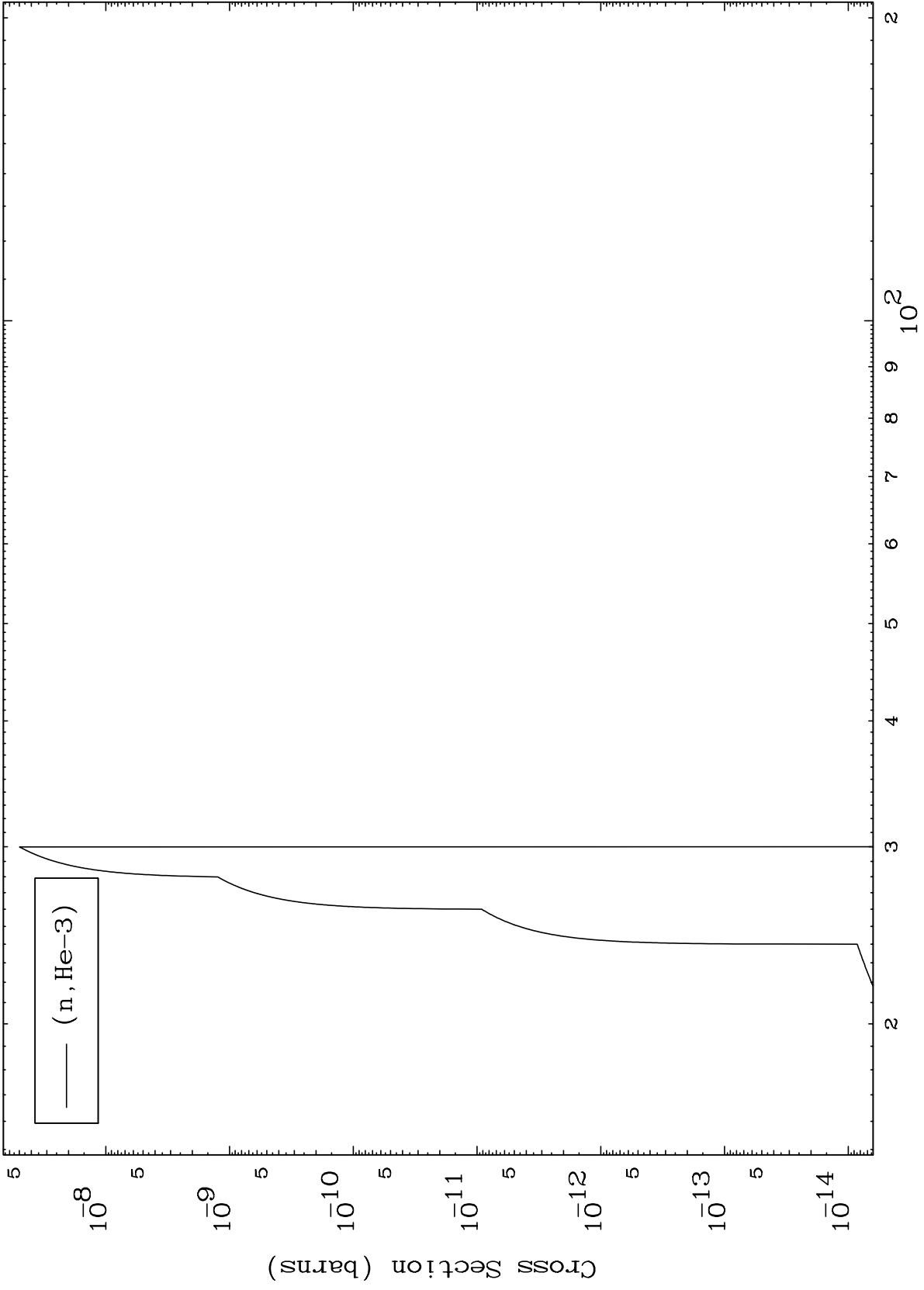


77-Ir-197

Incident Energy (MeV)

6



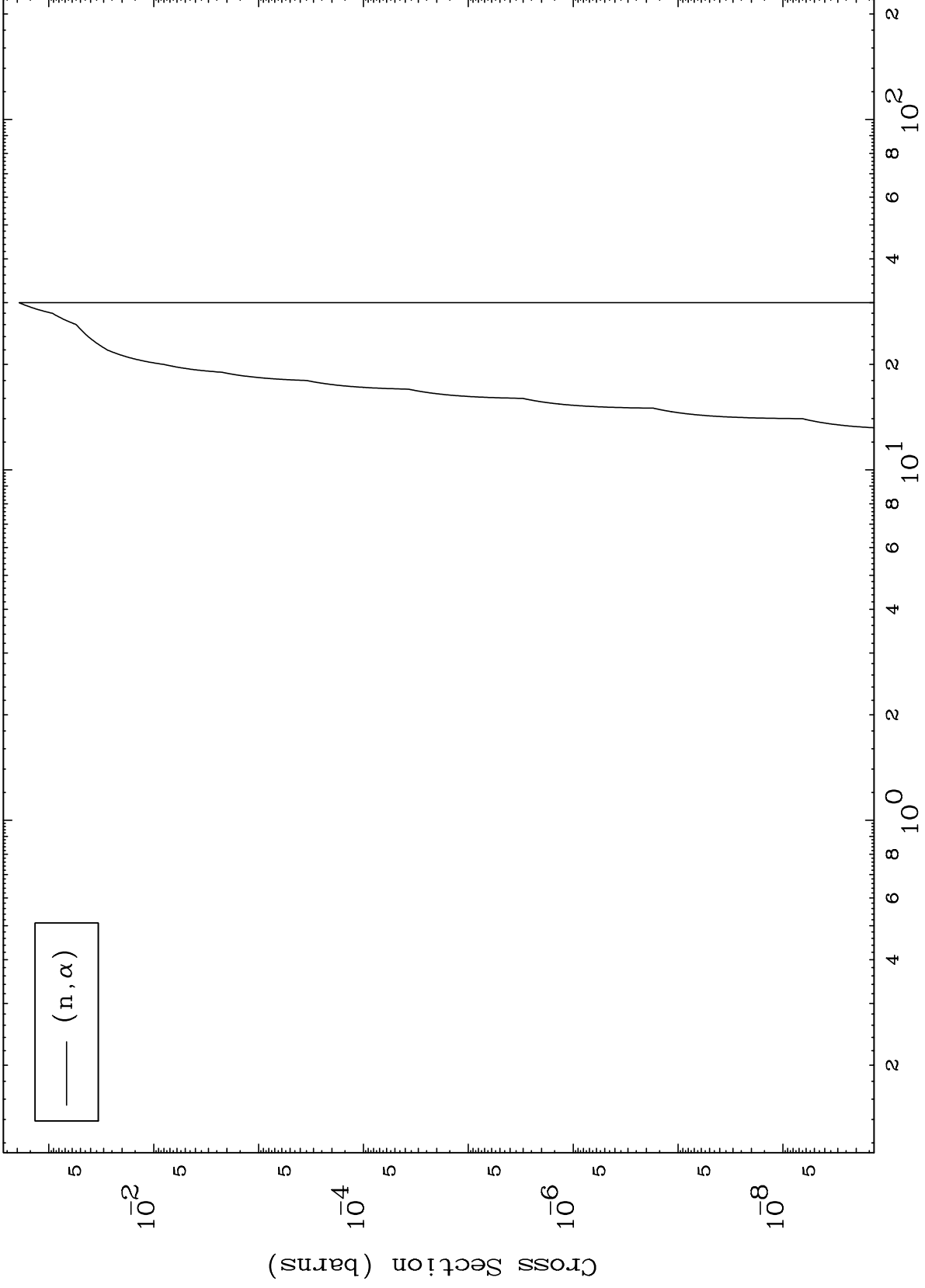


MAT 7743

(α, α) Levels

77-Ir-197

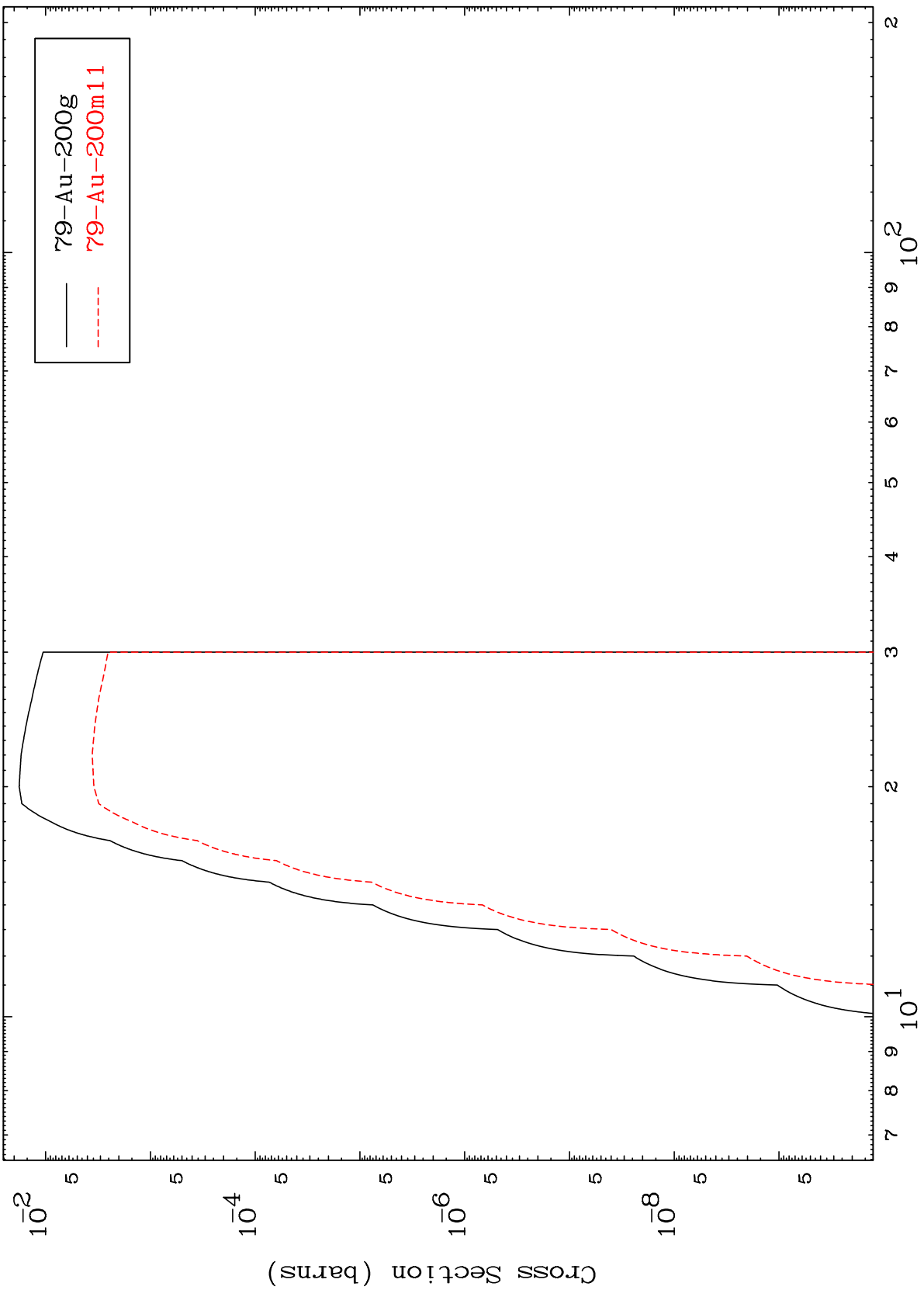
0 Kelvin Cross Sections



MAT 7743

77-Ir-197

Inelastic
Radionuclide Production Cross Section



10

Incident Energy (MeV)

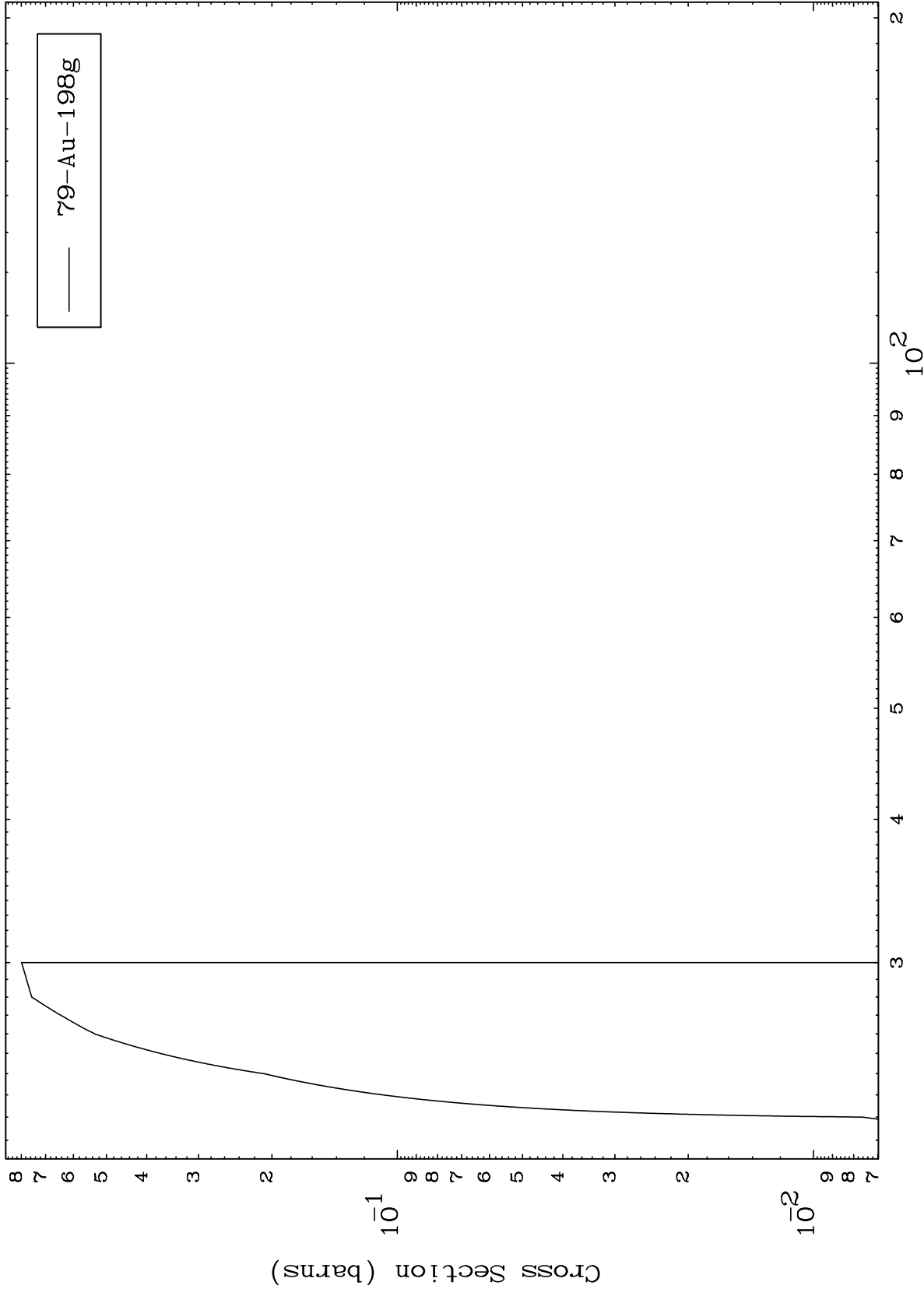
77-Ir-197

MAT 7743

(n,3n)

77-Ir-197

Radionuclide Production Cross Section

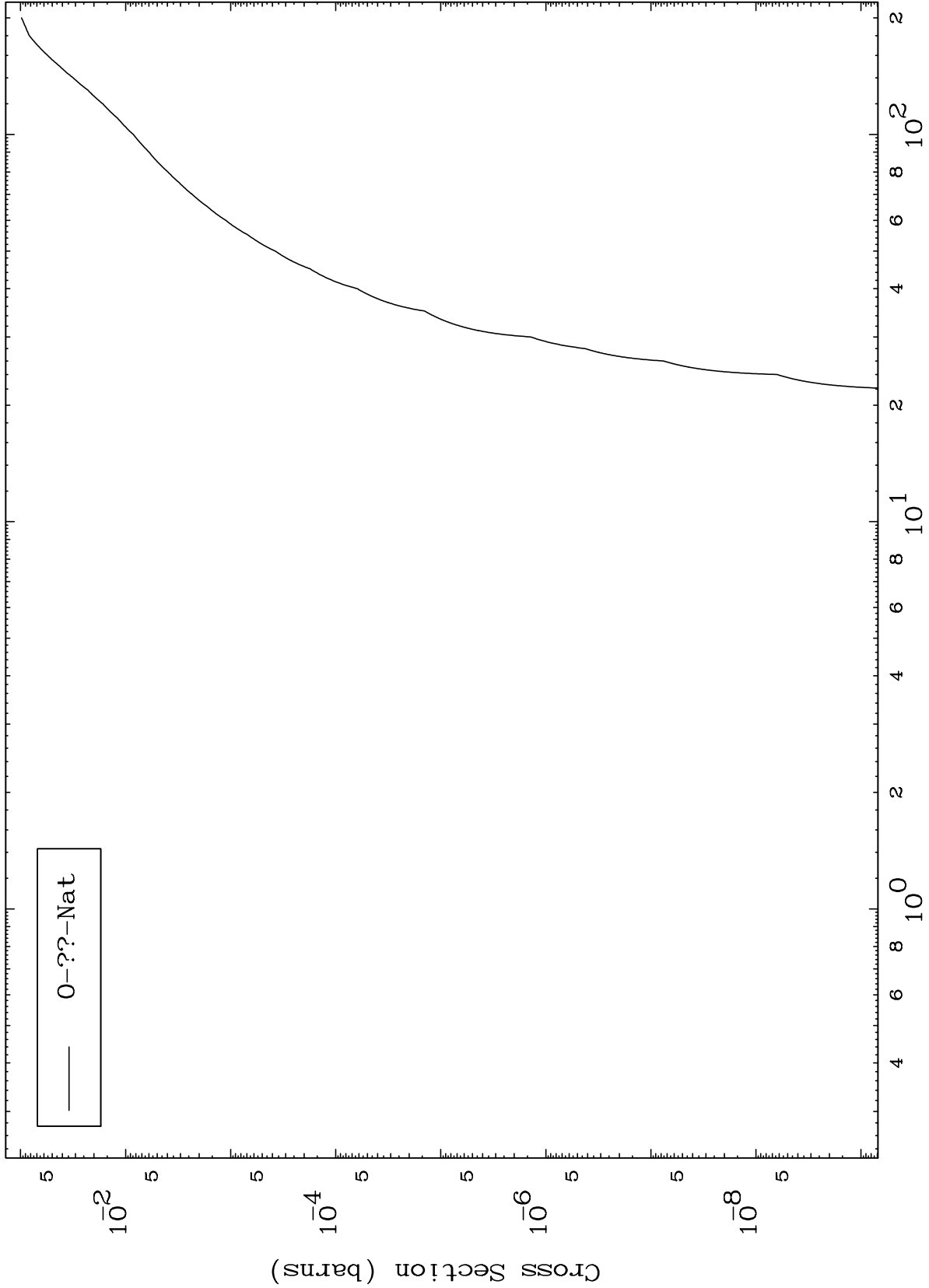


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Fission

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Radionuclide Production Cross Section

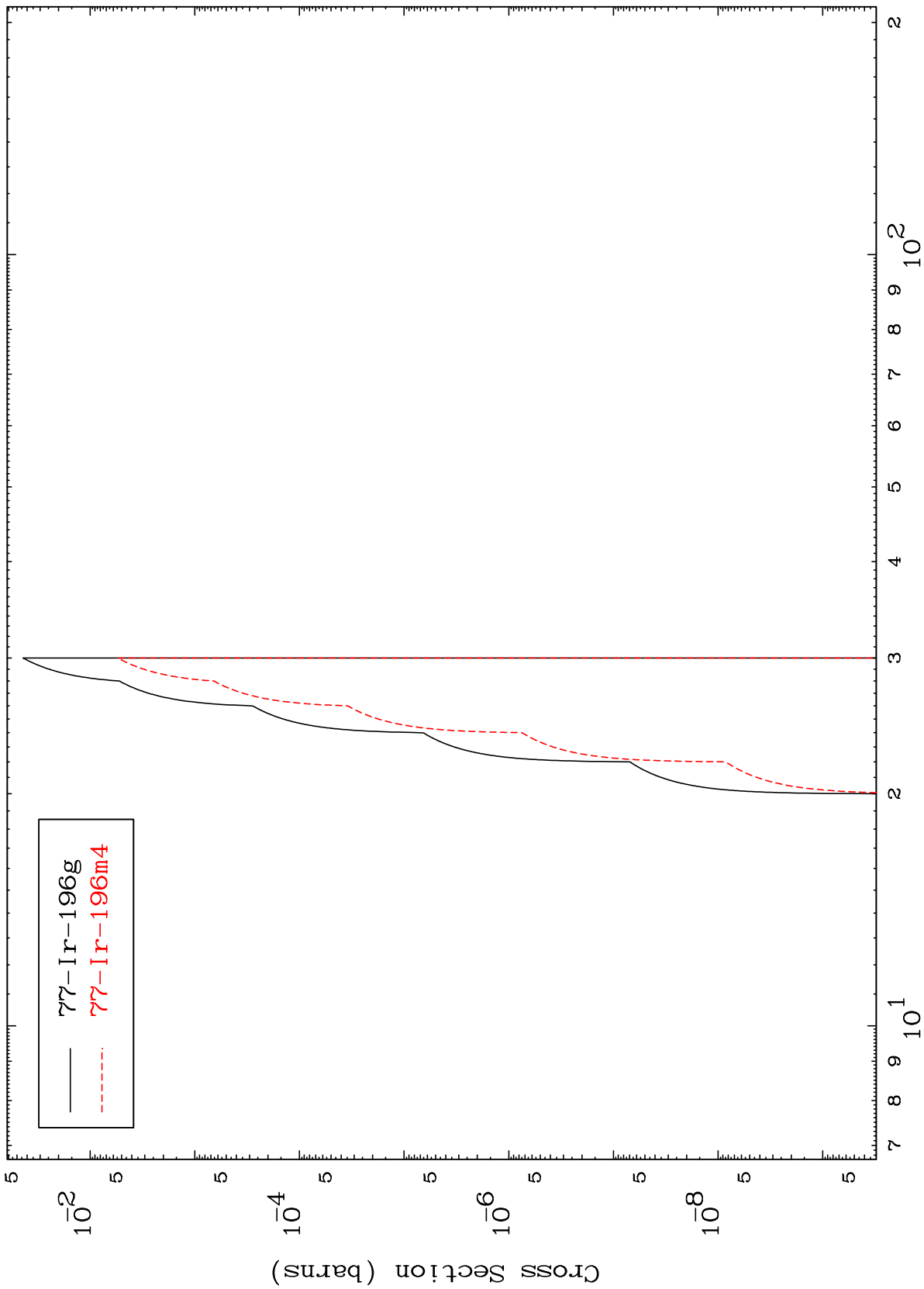


MAT 7743

$(n, n') \alpha$

$^{77}\text{Ir-197}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

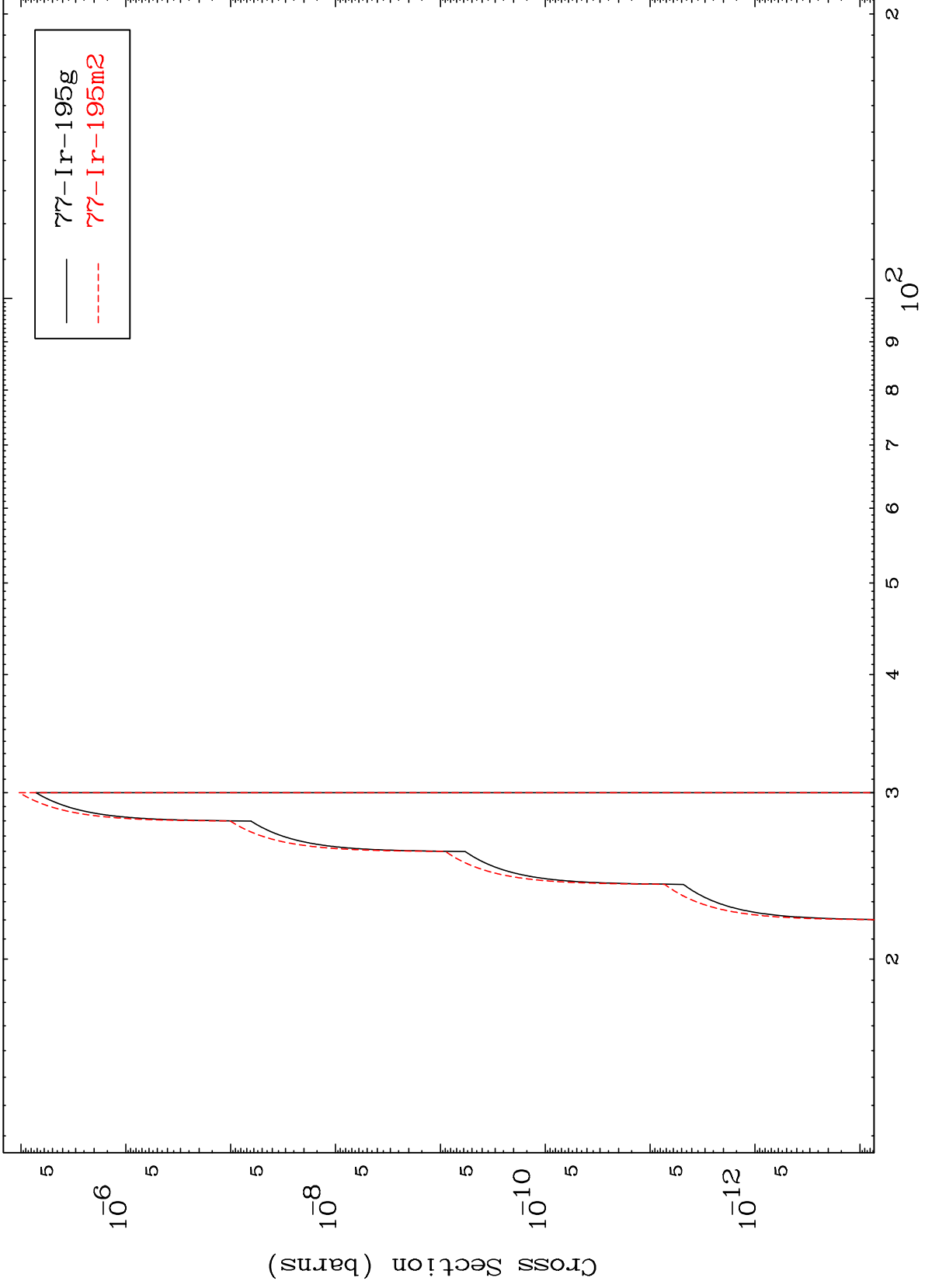
$^{77}\text{Ir-197}$

MAT 7743

$(n,2n) \alpha$

77-Ir-197

Radionuclide Production Cross Section



14

Incident Energy (MeV)

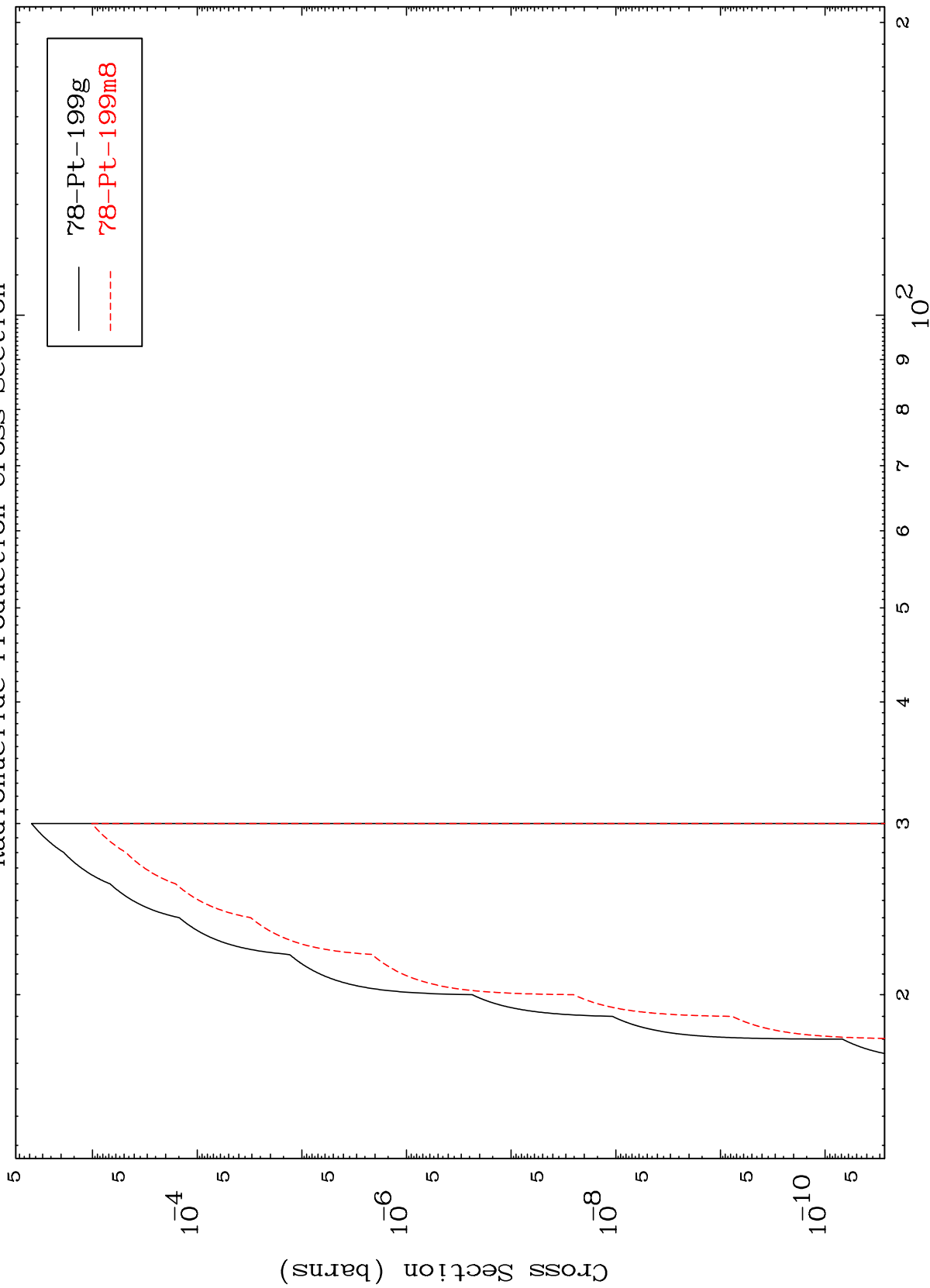
77-Ir-197

MAT 7743

(n, n') p

77-Ir-197

Radionuclide Production Cross Section



15

Incident Energy (MeV)

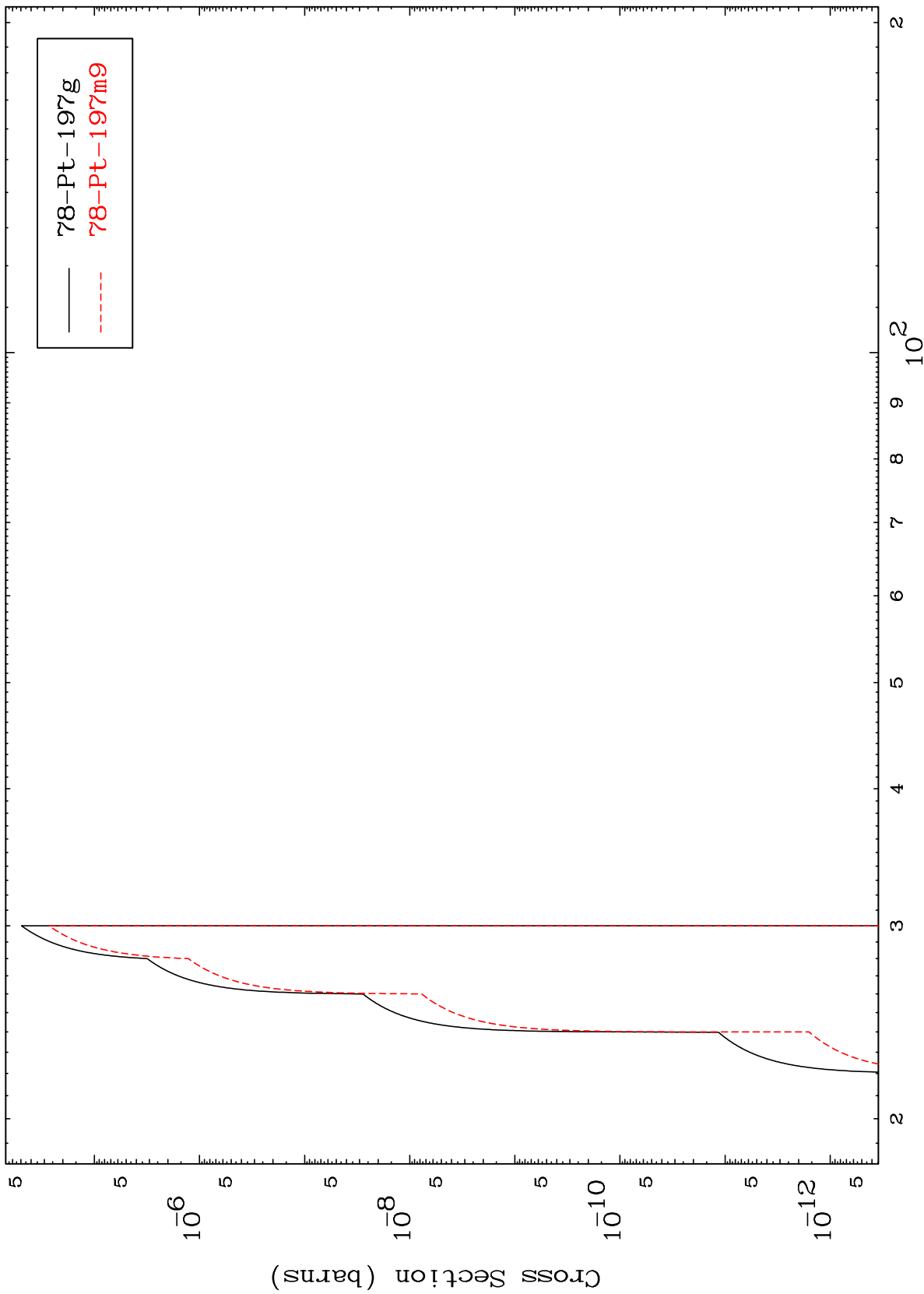
77-Ir-197

MAT 7743

(n,n') t

77-Ir-197

Radionuclide Production Cross Section



16

Incident Energy (MeV)

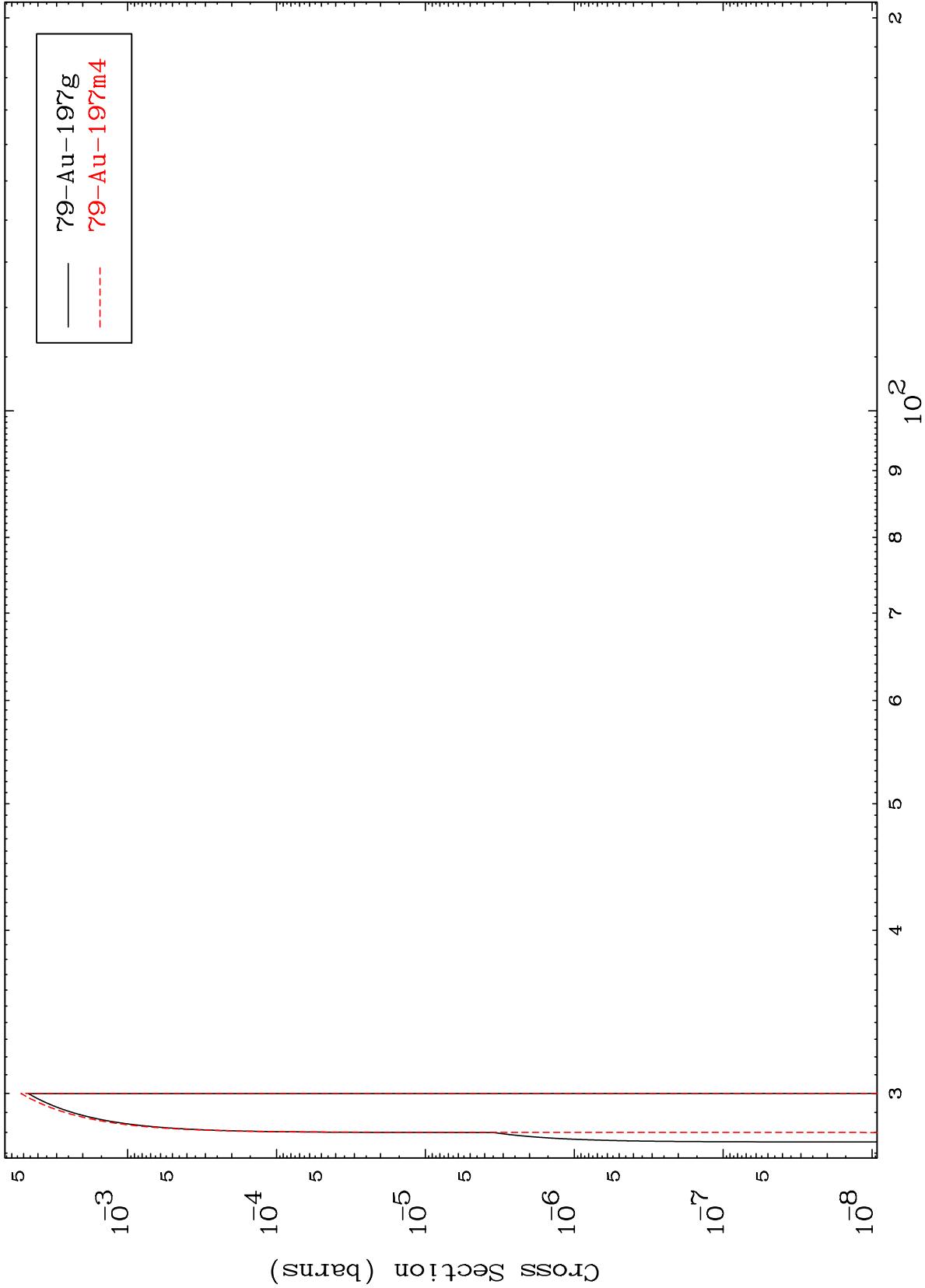
77-Ir-197

MAT 7743

(n,4n)

77-Ir-197

Radionuclide Production Cross Section



17

Incident Energy (MeV)

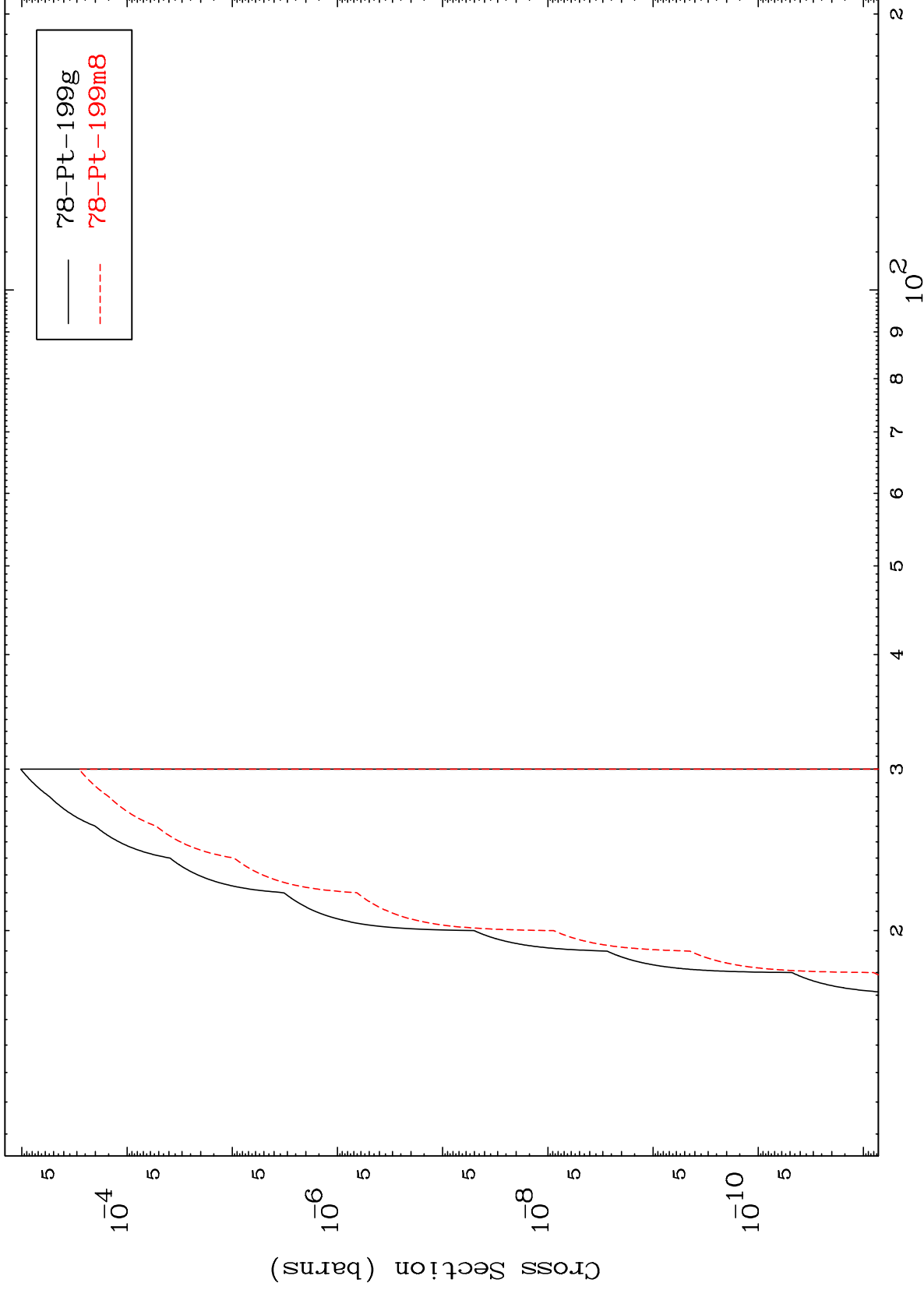
77-Ir-197

MAT 7743

(n,d)

77-Ir-197

Radionuclide Production Cross Section



18

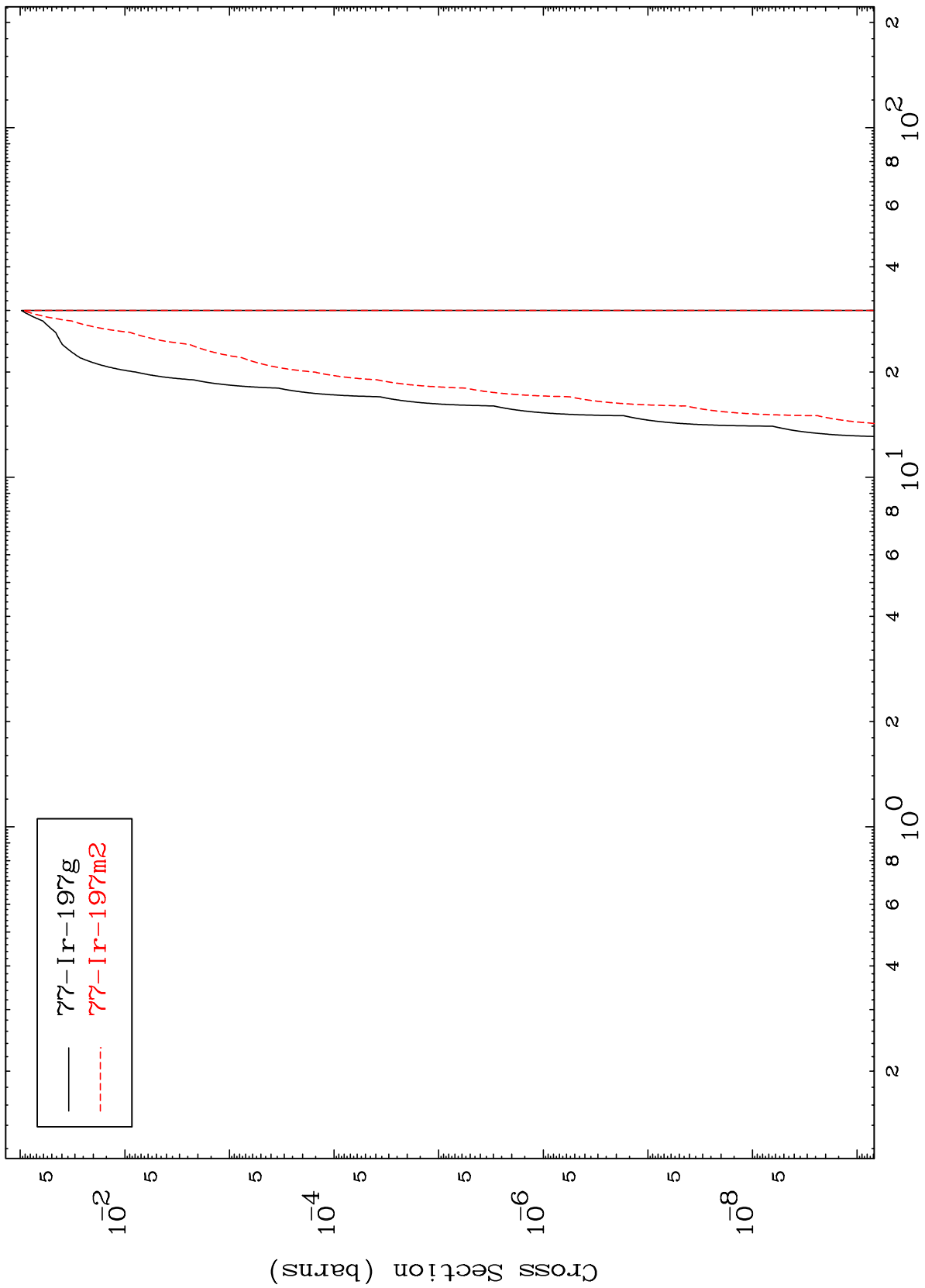
Incident Energy (MeV)

77-Ir-197

MAT 7743

⁷⁷Ir-197

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁷Ir-197

19