

Program EVALPLOT
(Version 2021-1)

by

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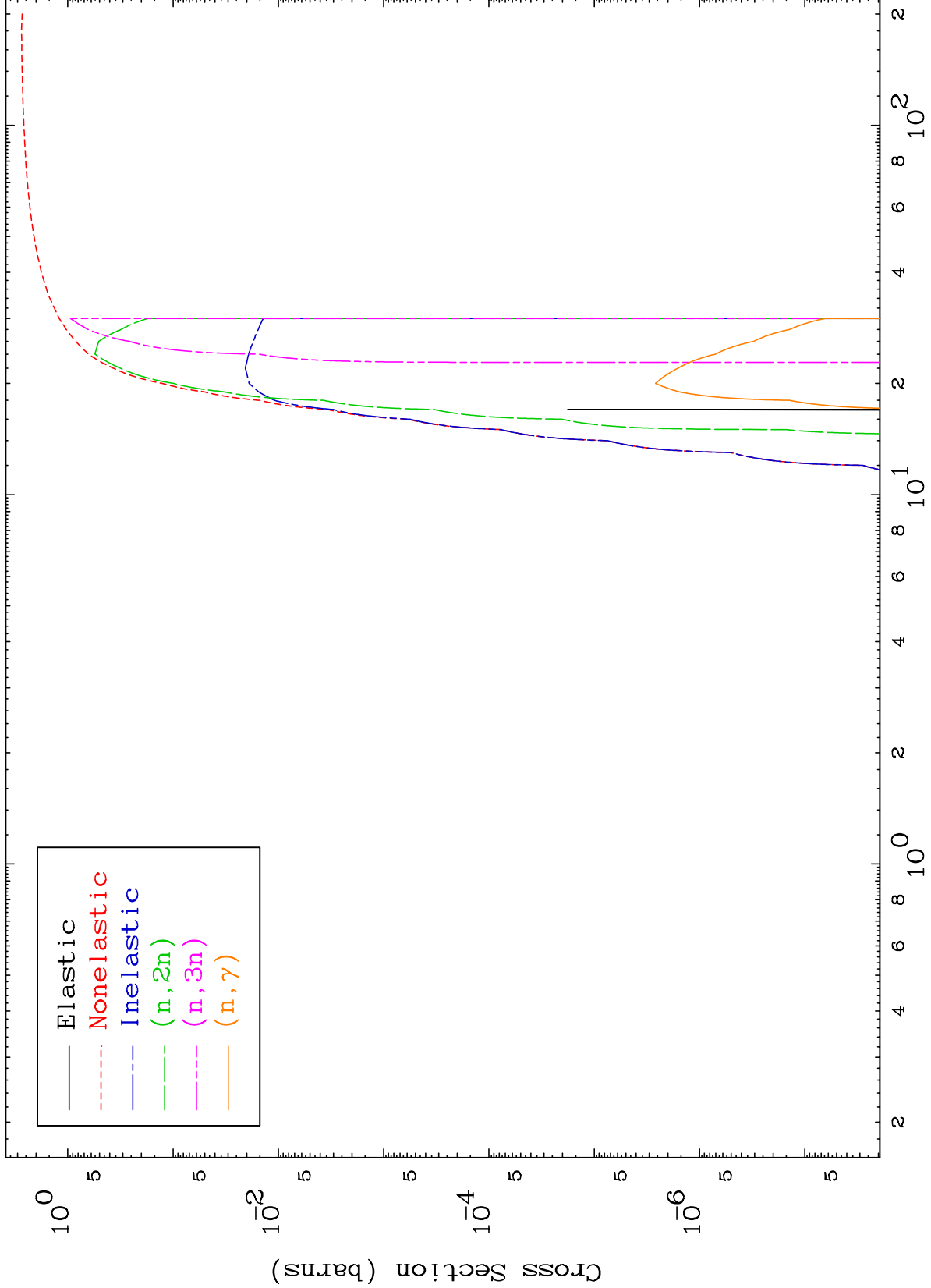
Press Mouse Button to Start

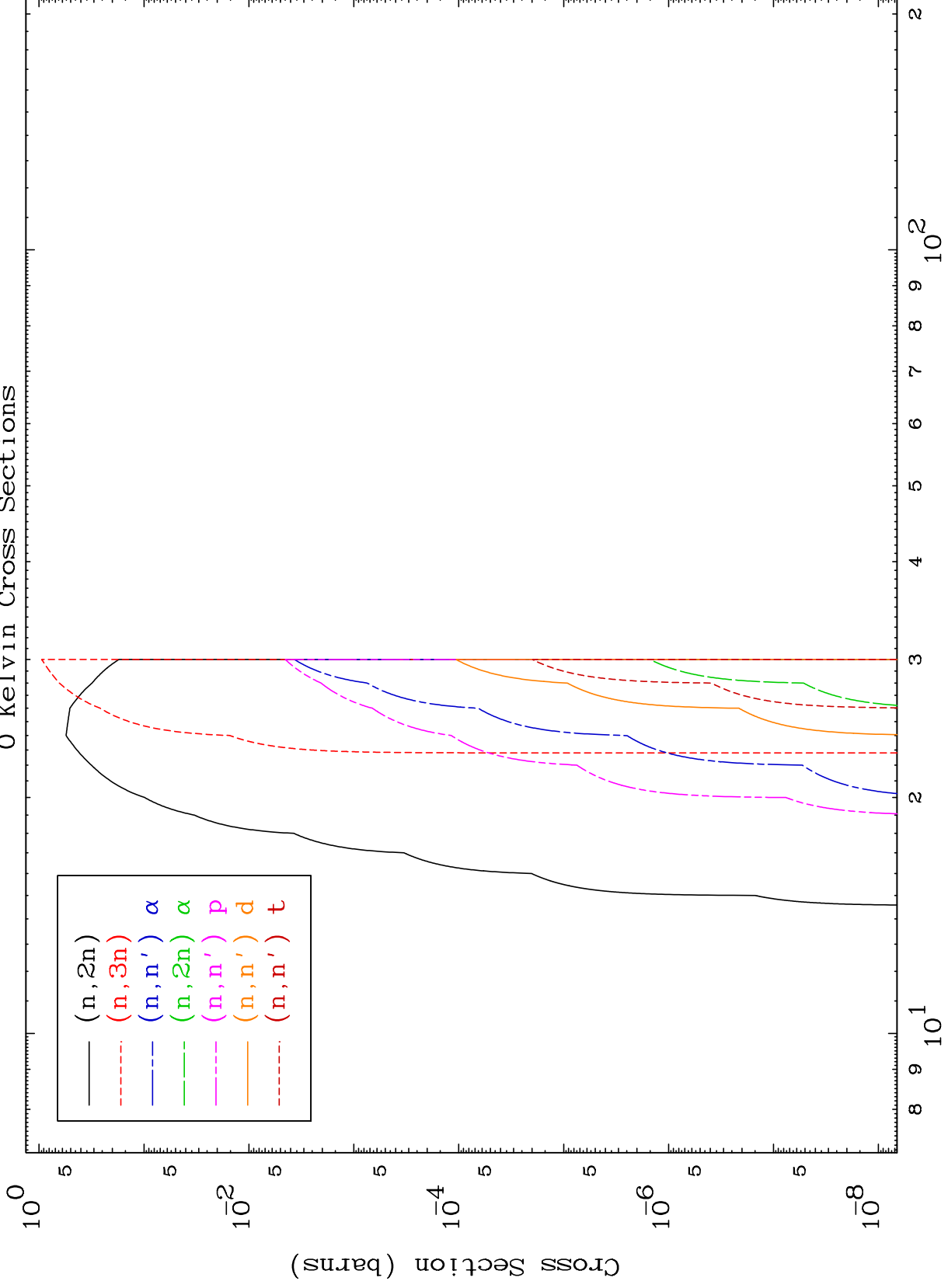
MAT 7737

0 Kelvin

Major Cross Sections

77-Ir-195

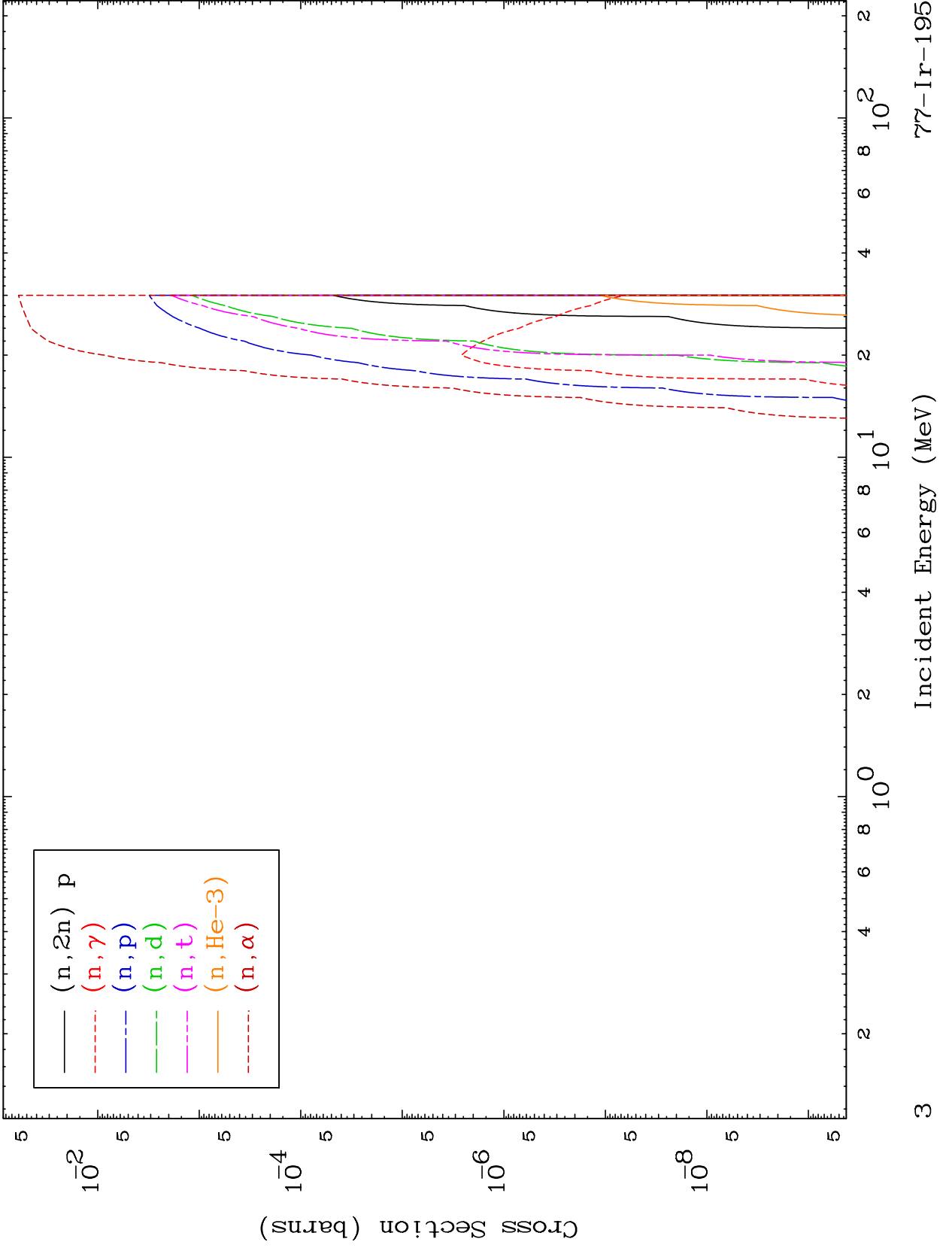




MAT 7737

α Neutron Absorption
0 Kelvin Cross Sections

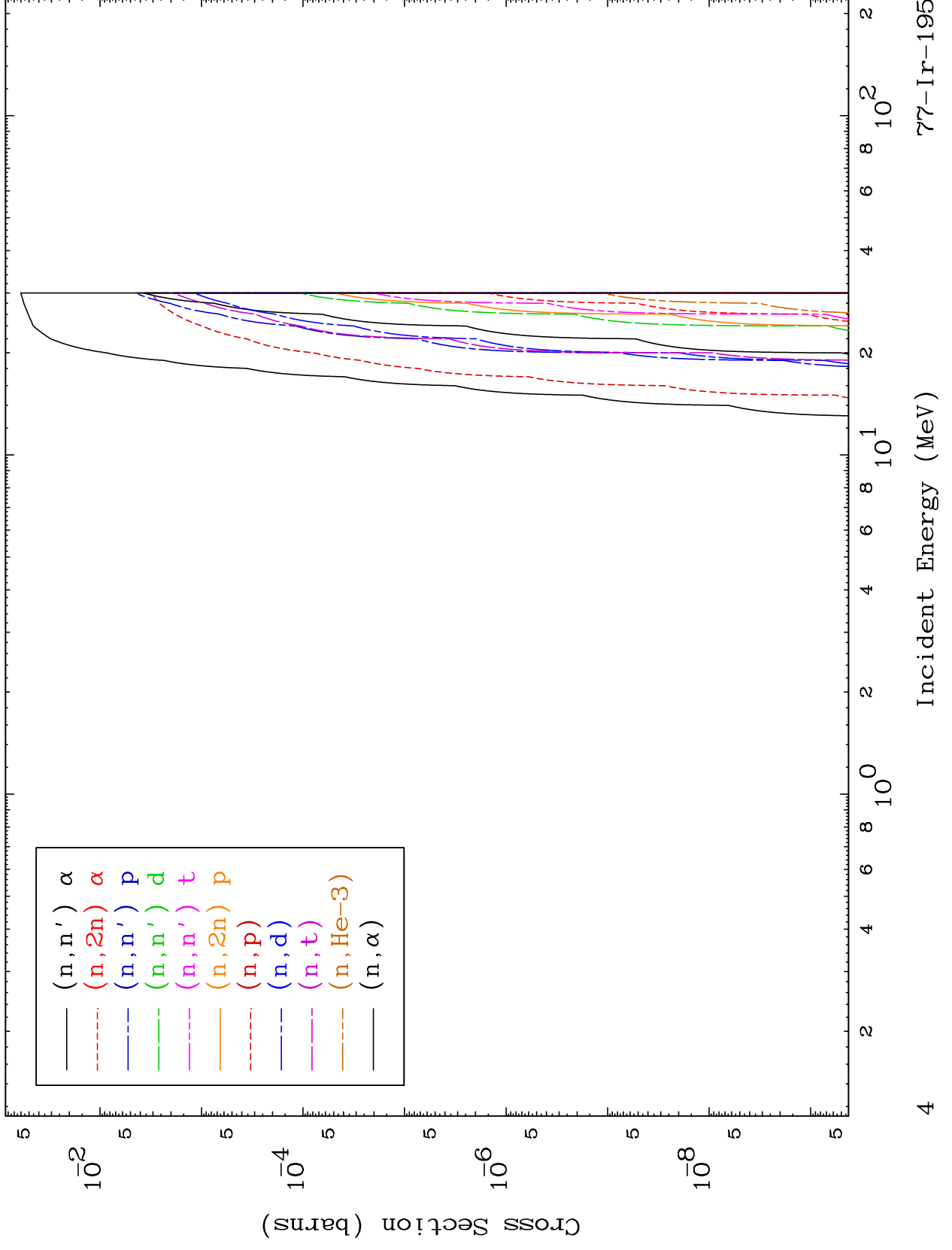
77-Ir-195



MAT 7737

α Charged Particle
0 Kelvin Cross Sections

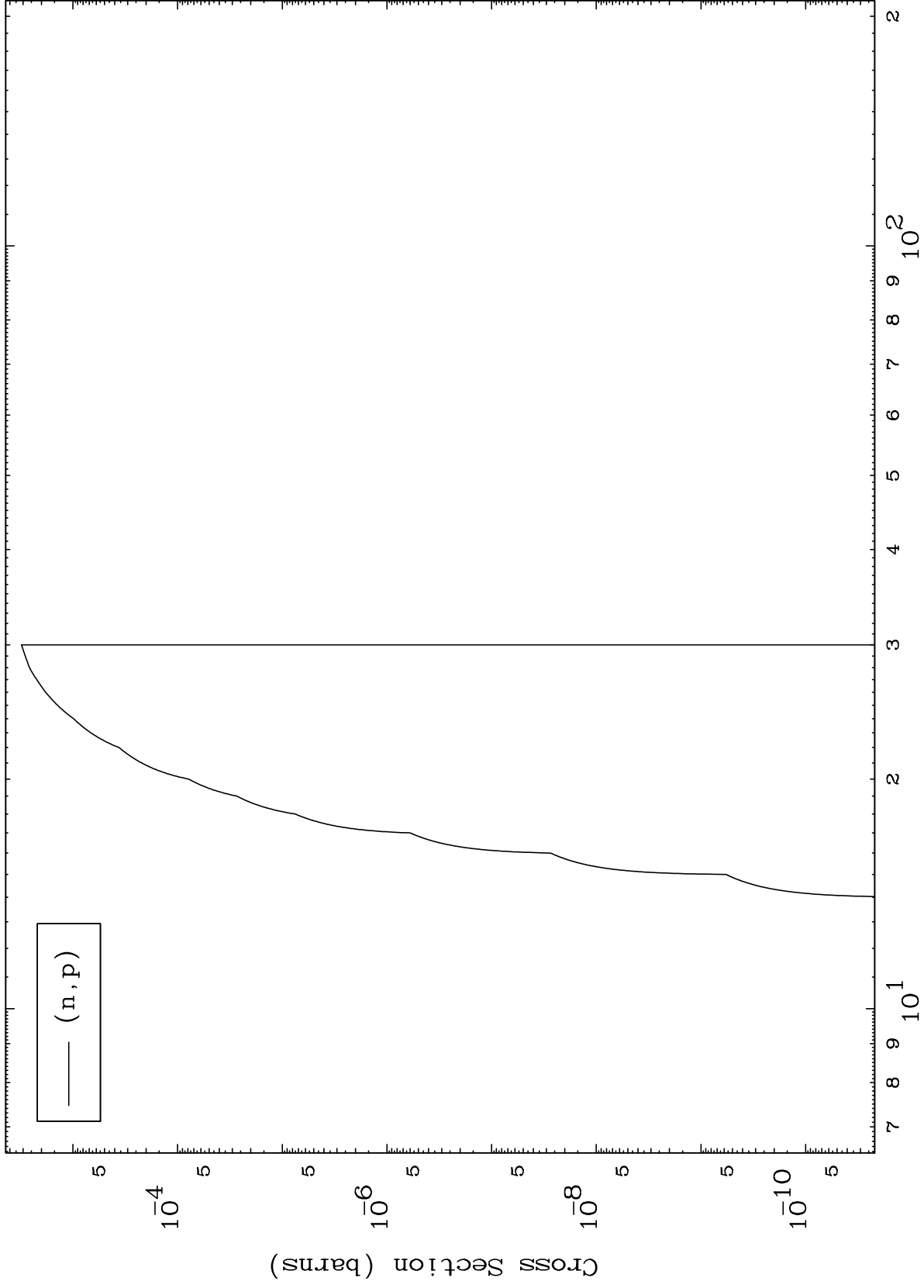
77-Ir-195



MAT 7737

(α, p) Levels
0 Kelvin Cross Sections

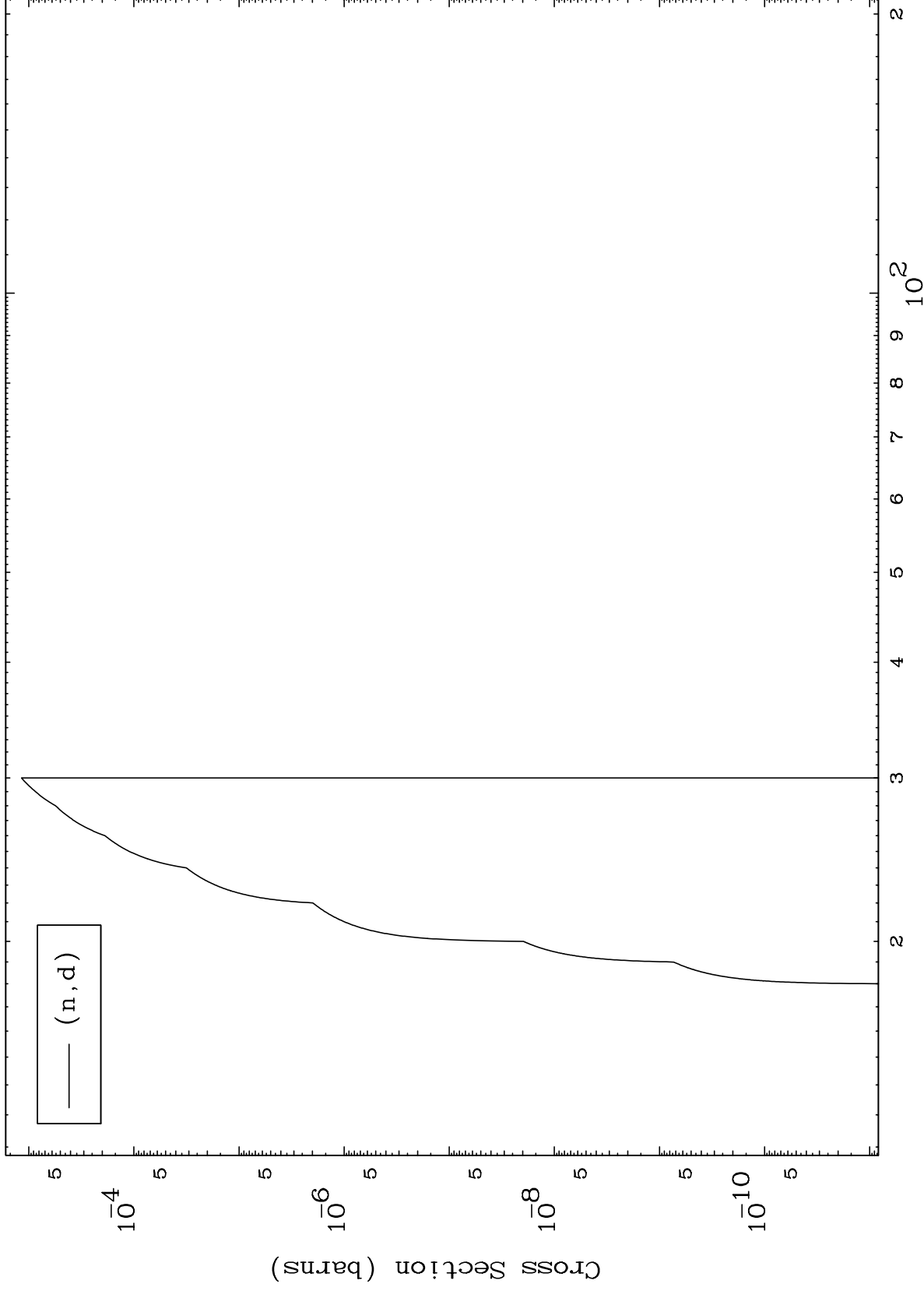
77-Ir-195

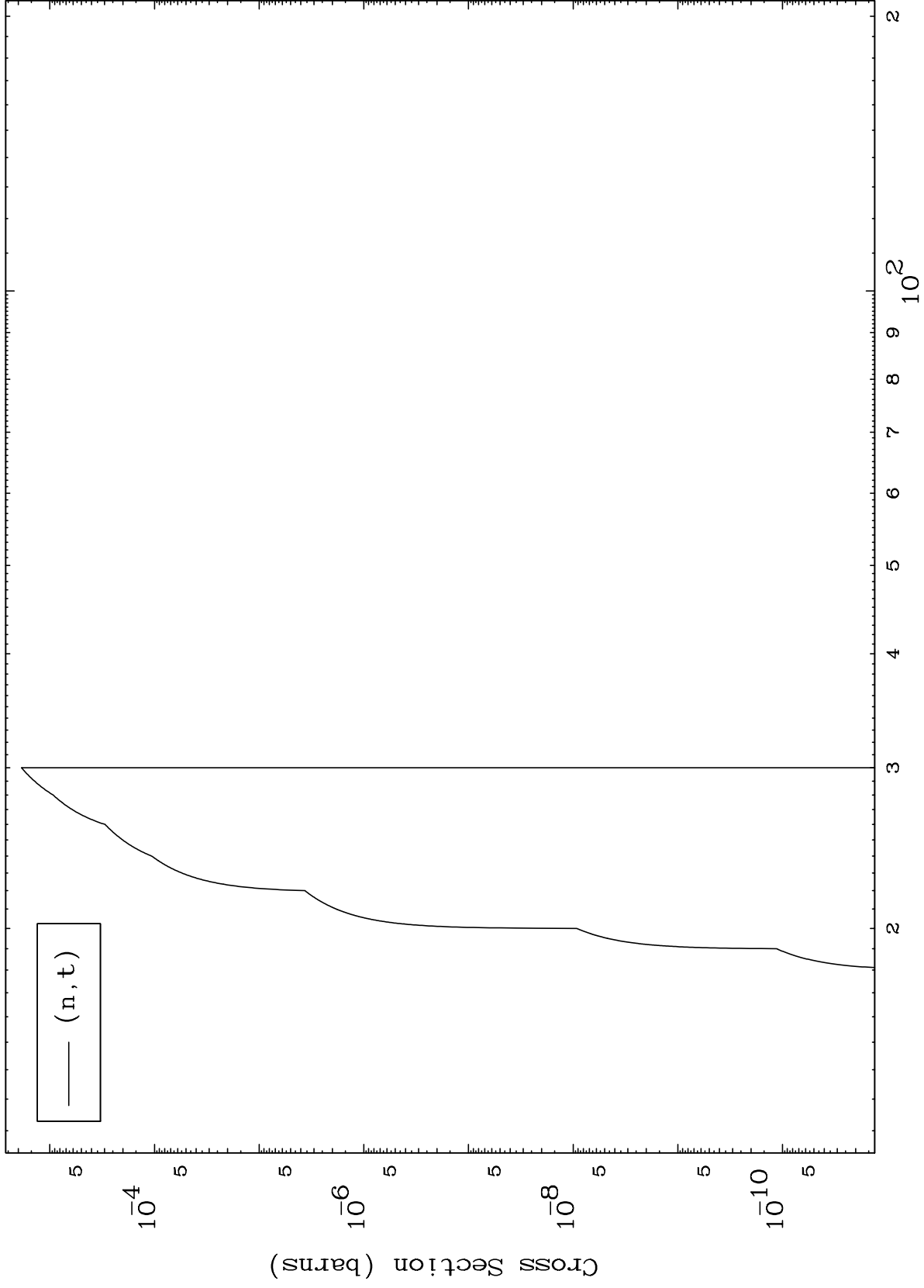


5

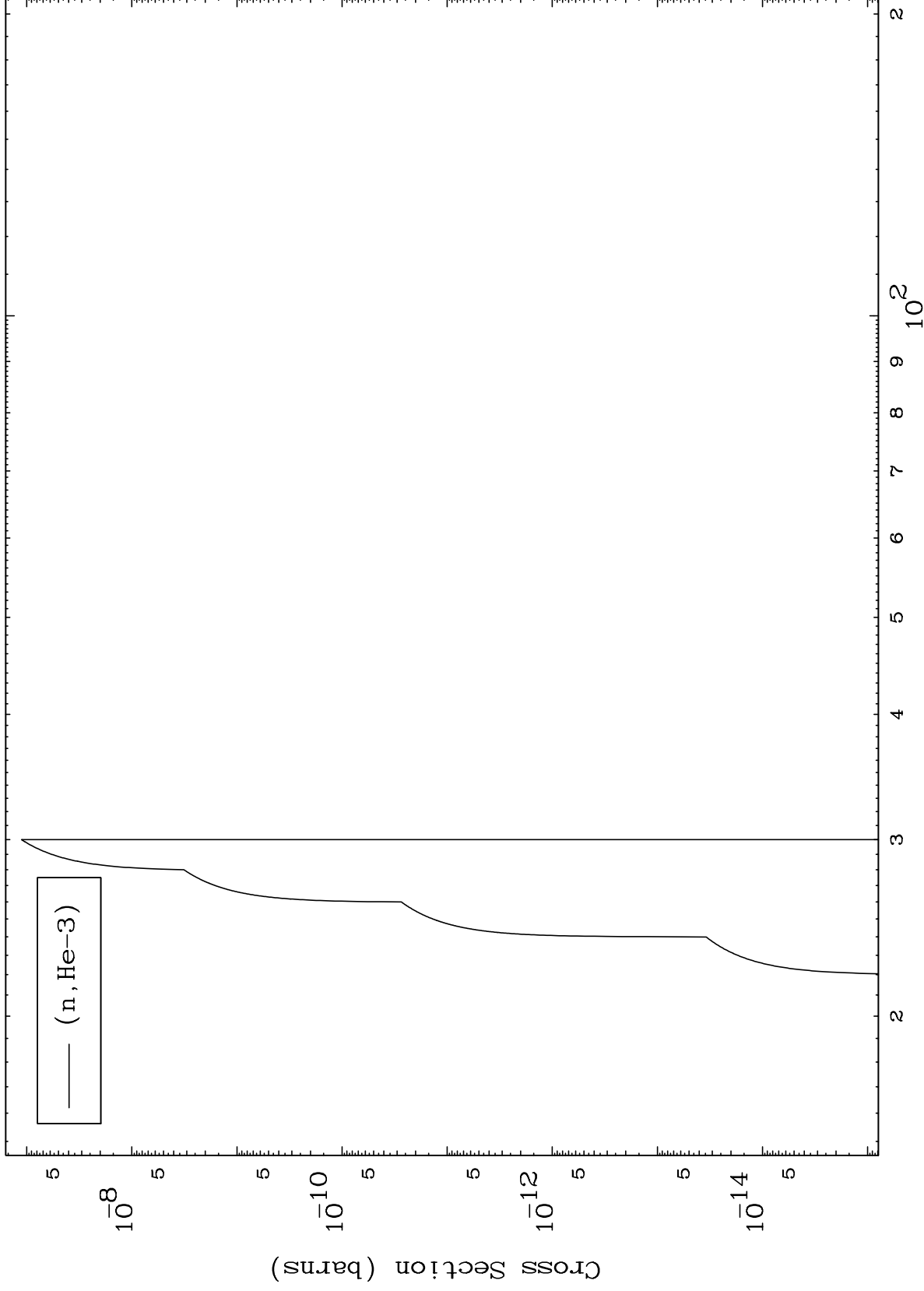
Incident Energy (MeV)

77-Ir-195





0 Kelvin Cross Sections

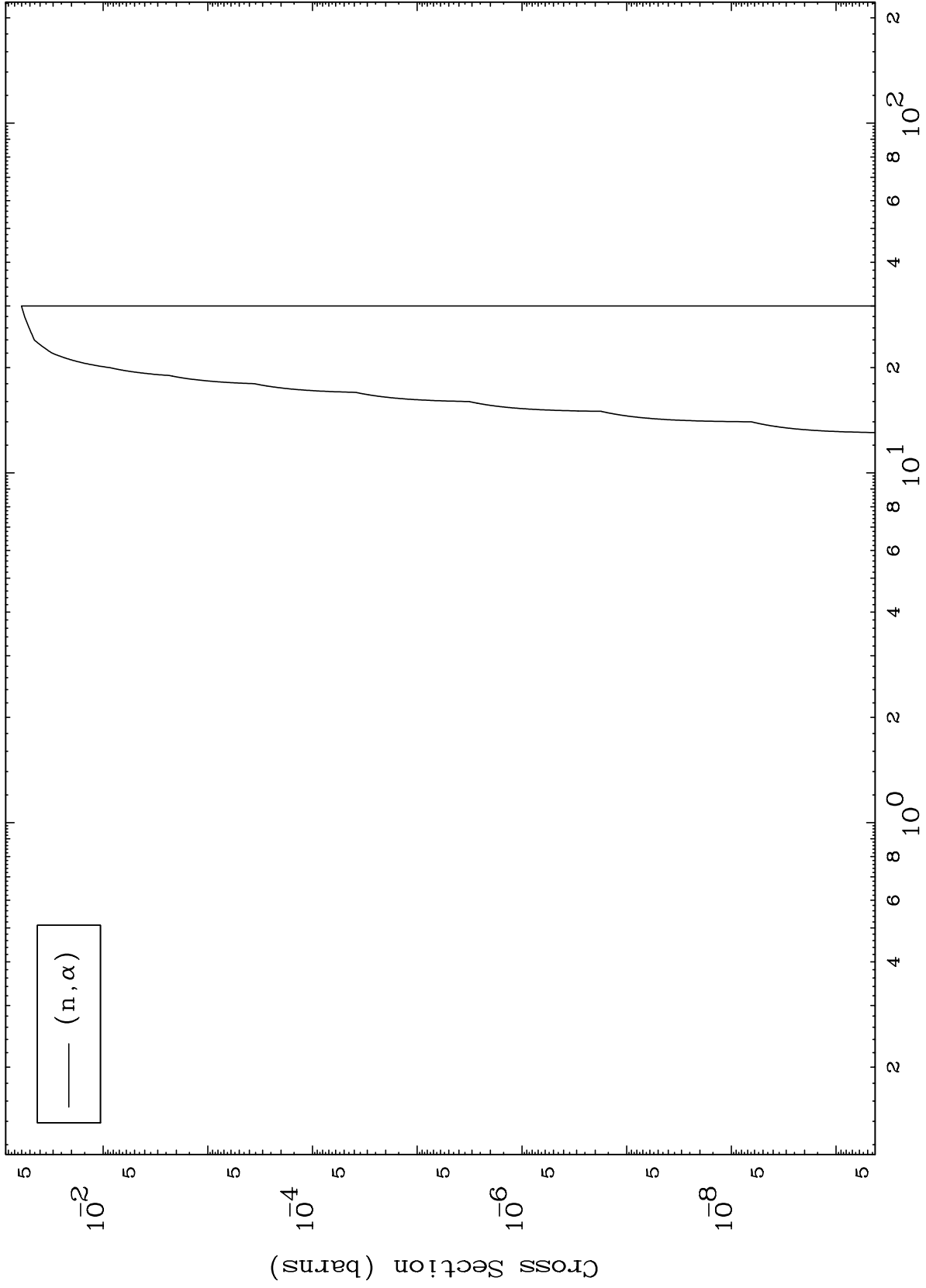


MAT 7737

(α, α) Levels

77-Ir-195

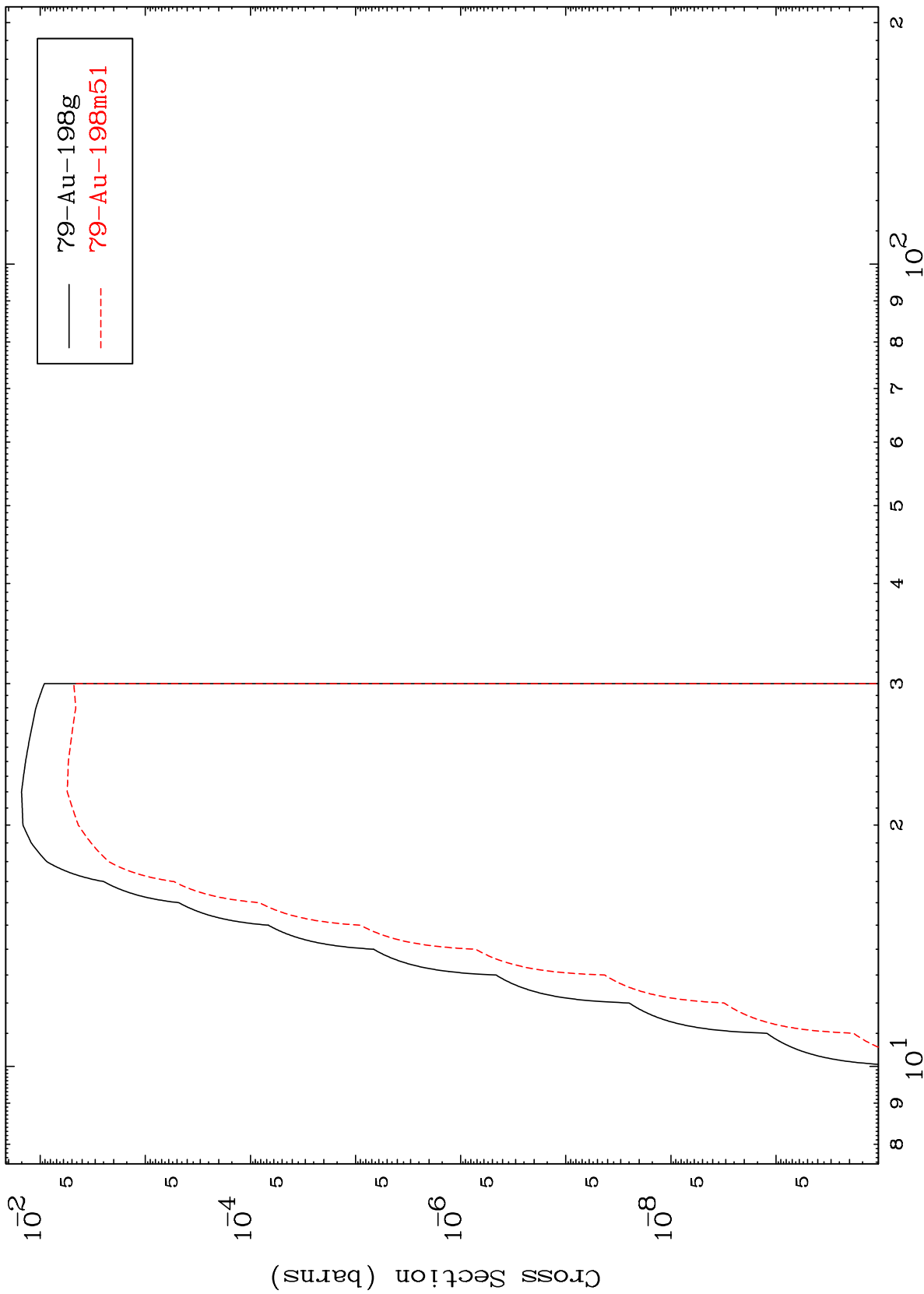
0 Kelvin Cross Sections



MAT 7737

77-Ir-195

Inelastic
Radionuclide Production Cross Section



77-Ir-195

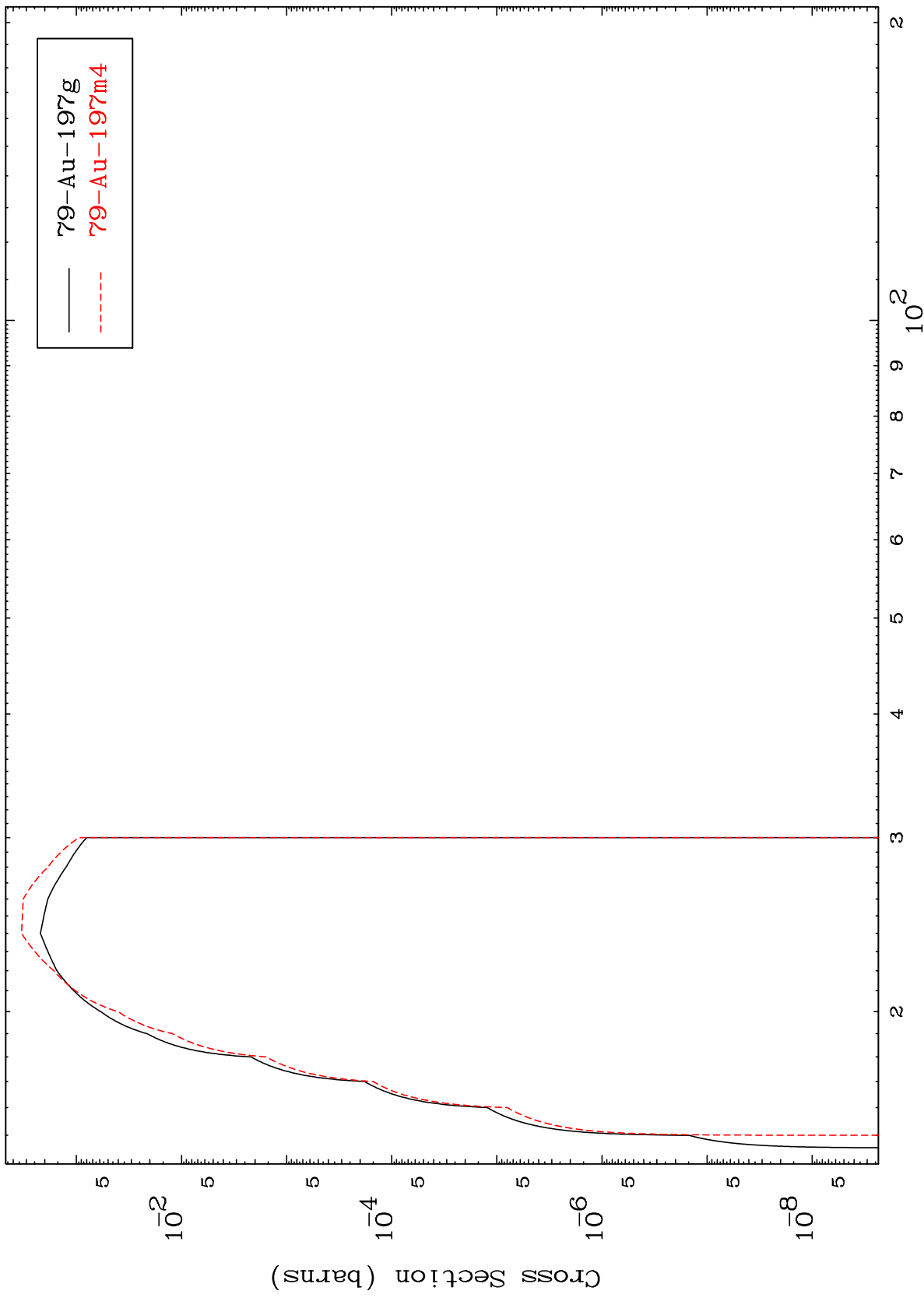
Incident Energy (MeV)

10

MAT 7737

77-Ir-195

(n,2n)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

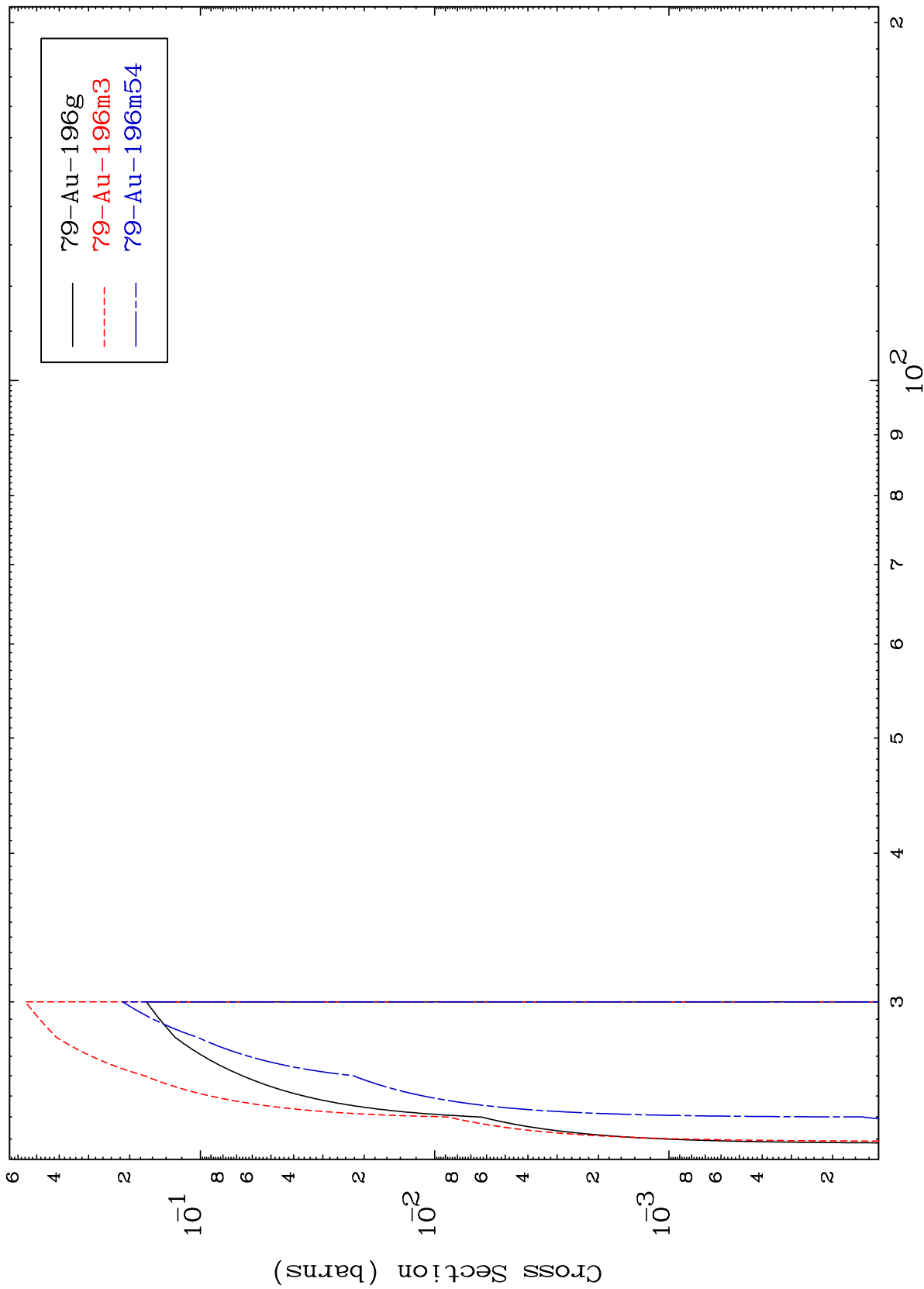
77-Ir-195

MAT 7737

77-Ir-195

(n,3n)

Radionuclide Production Cross Section



12

Incident Energy (MeV)

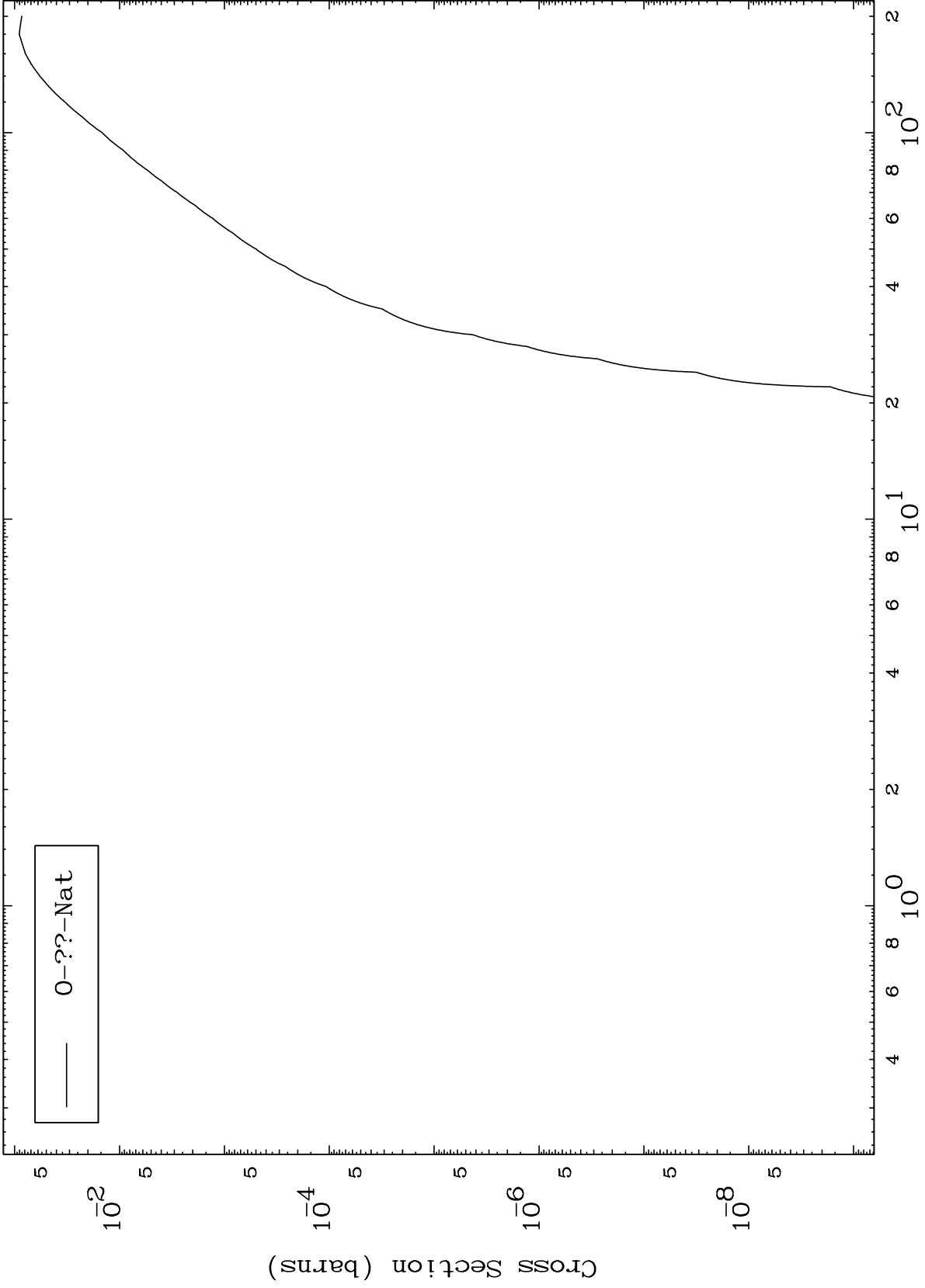
77-Ir-195

MAT 7737

Fission

⁷⁷Ir-195

Radionuclide Production Cross Section



13

Incident Energy (MeV)

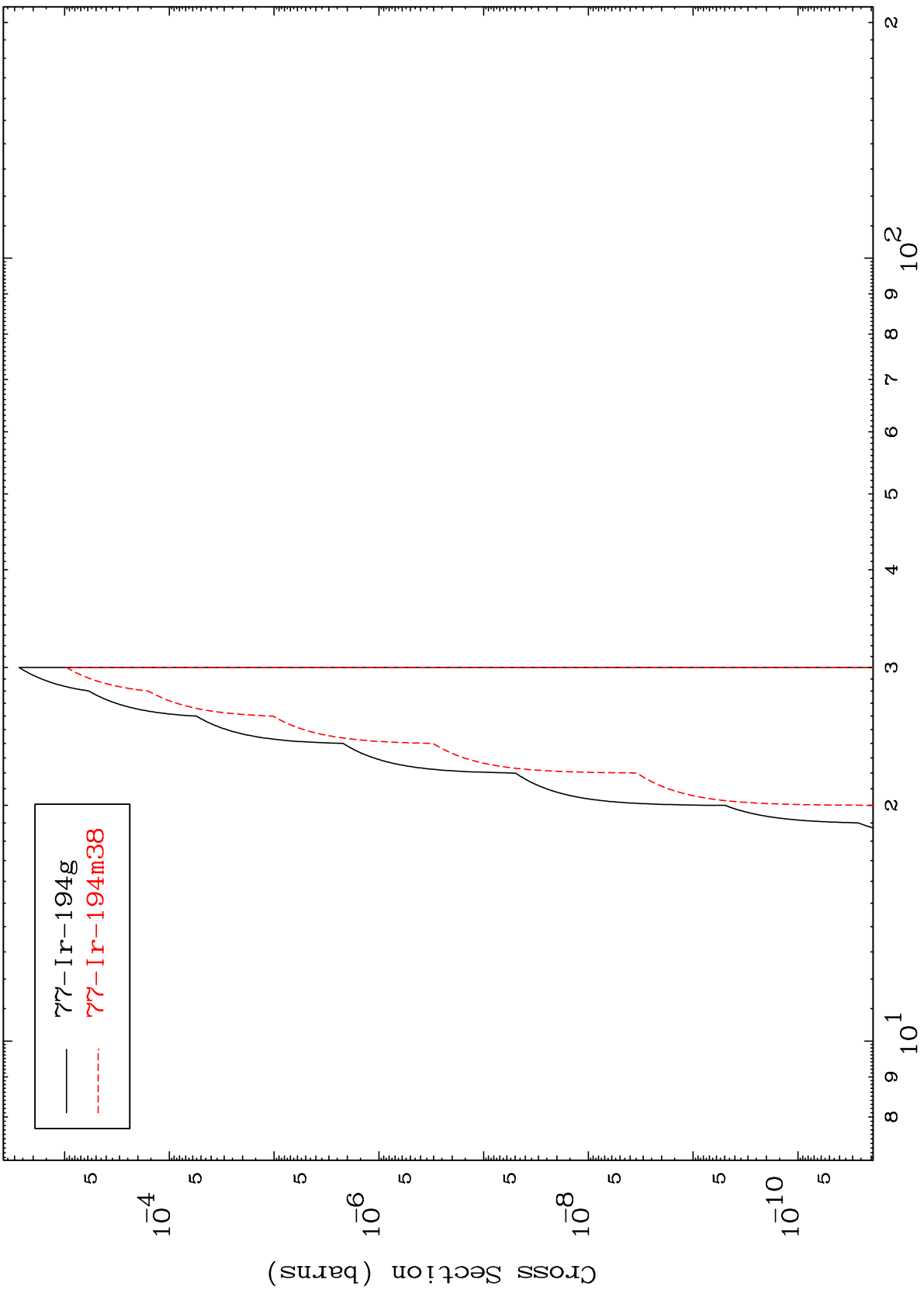
⁷⁷Ir-195

MAT 7737

$(n, n') \alpha$

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

Radionuclide Production Cross Section



14

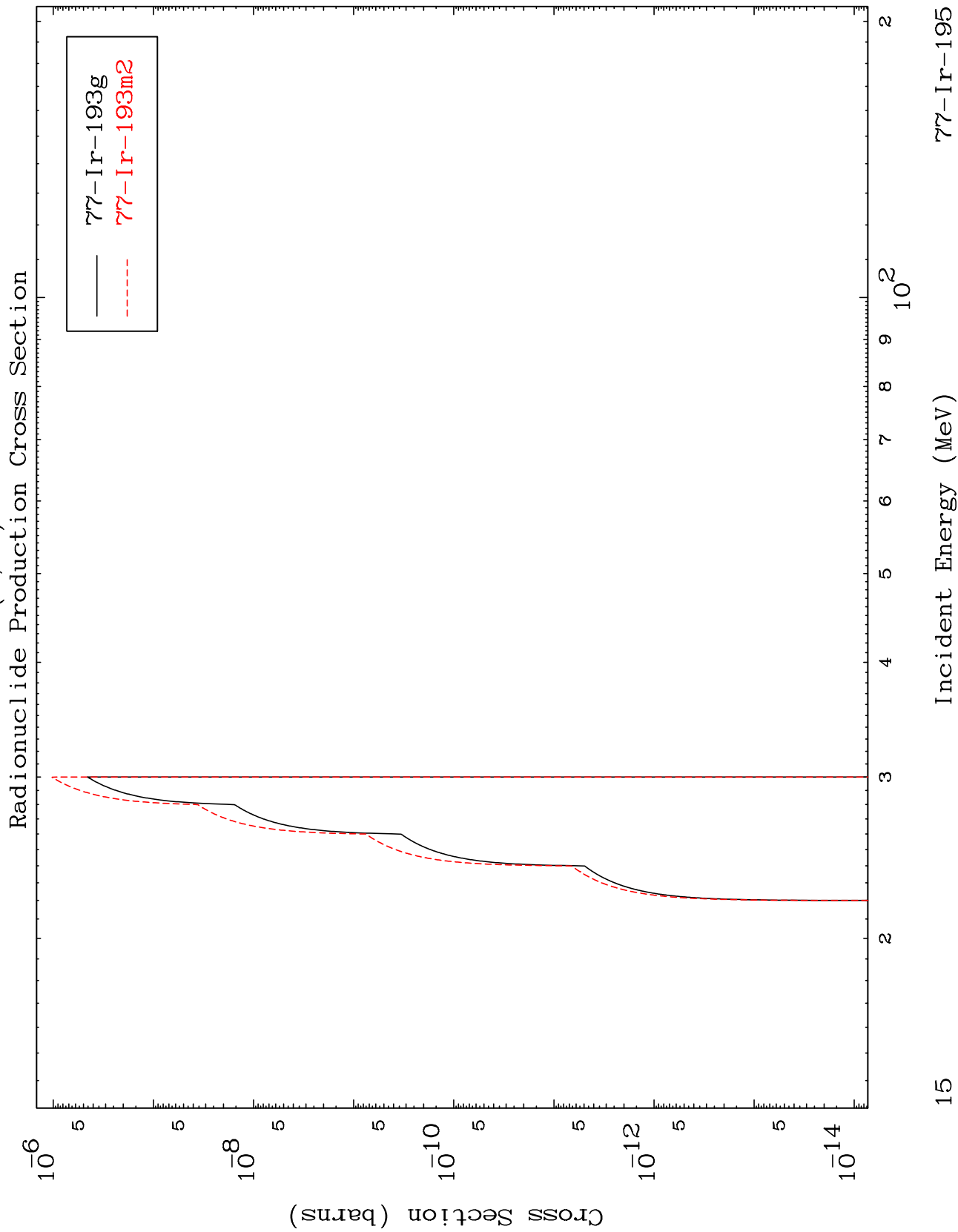
Incident Energy (MeV)

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

MAT 7737

(n,2n) α

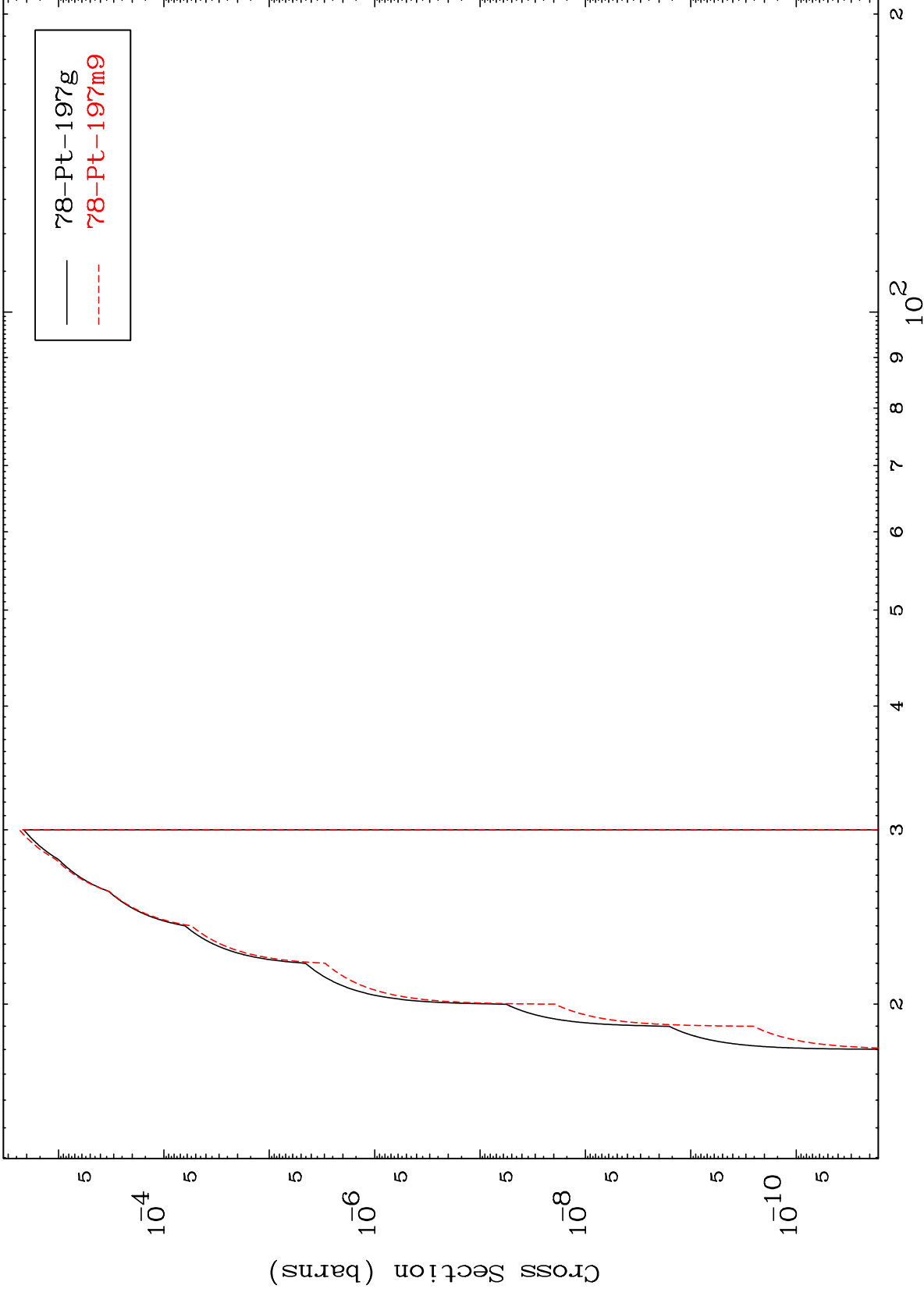
77-Ir-195



15

77-Ir-195

Radionuclide Production Cross Section

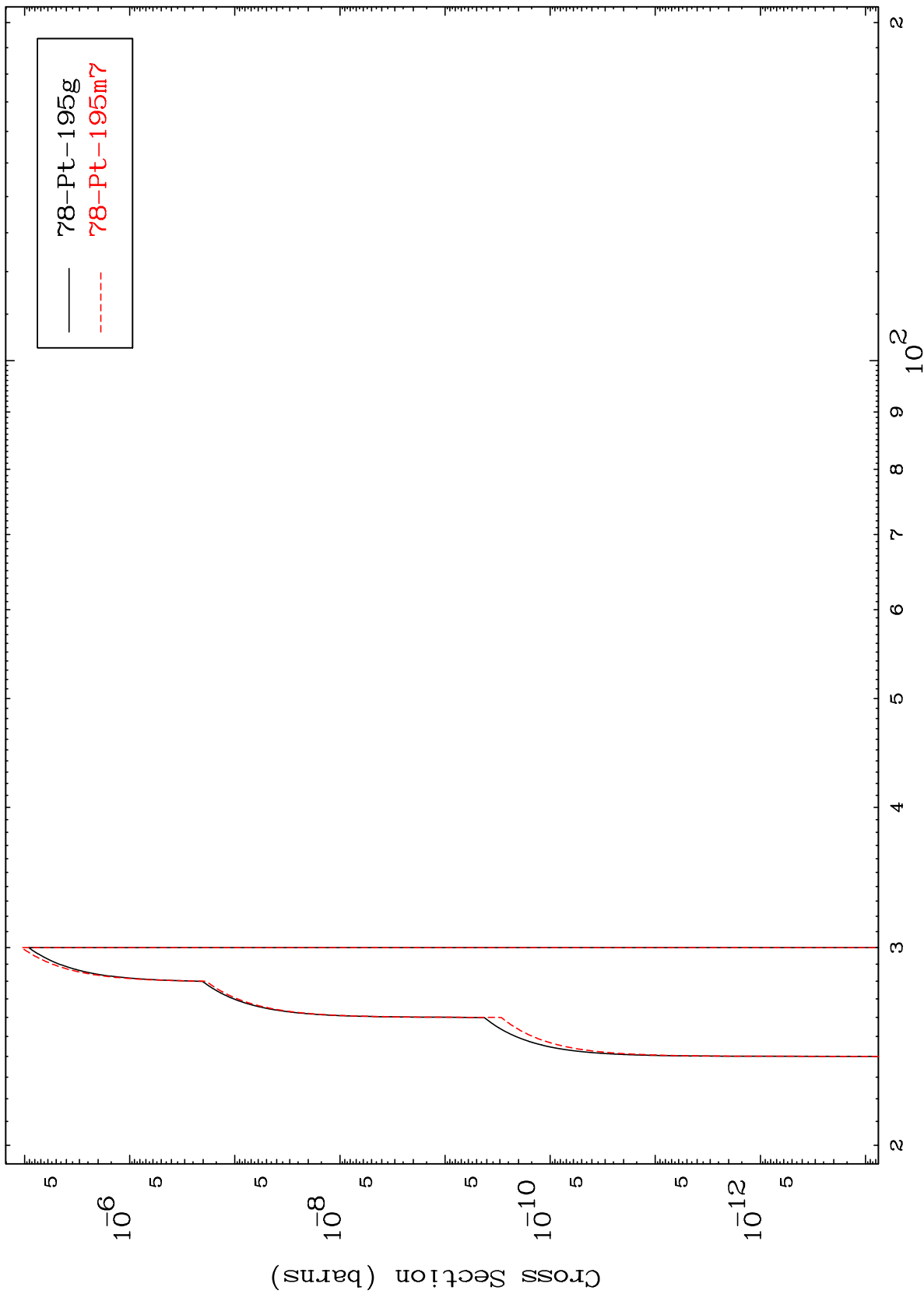


MAT 7737

(n,n') t

77-Ir-195

Radionuclide Production Cross Section

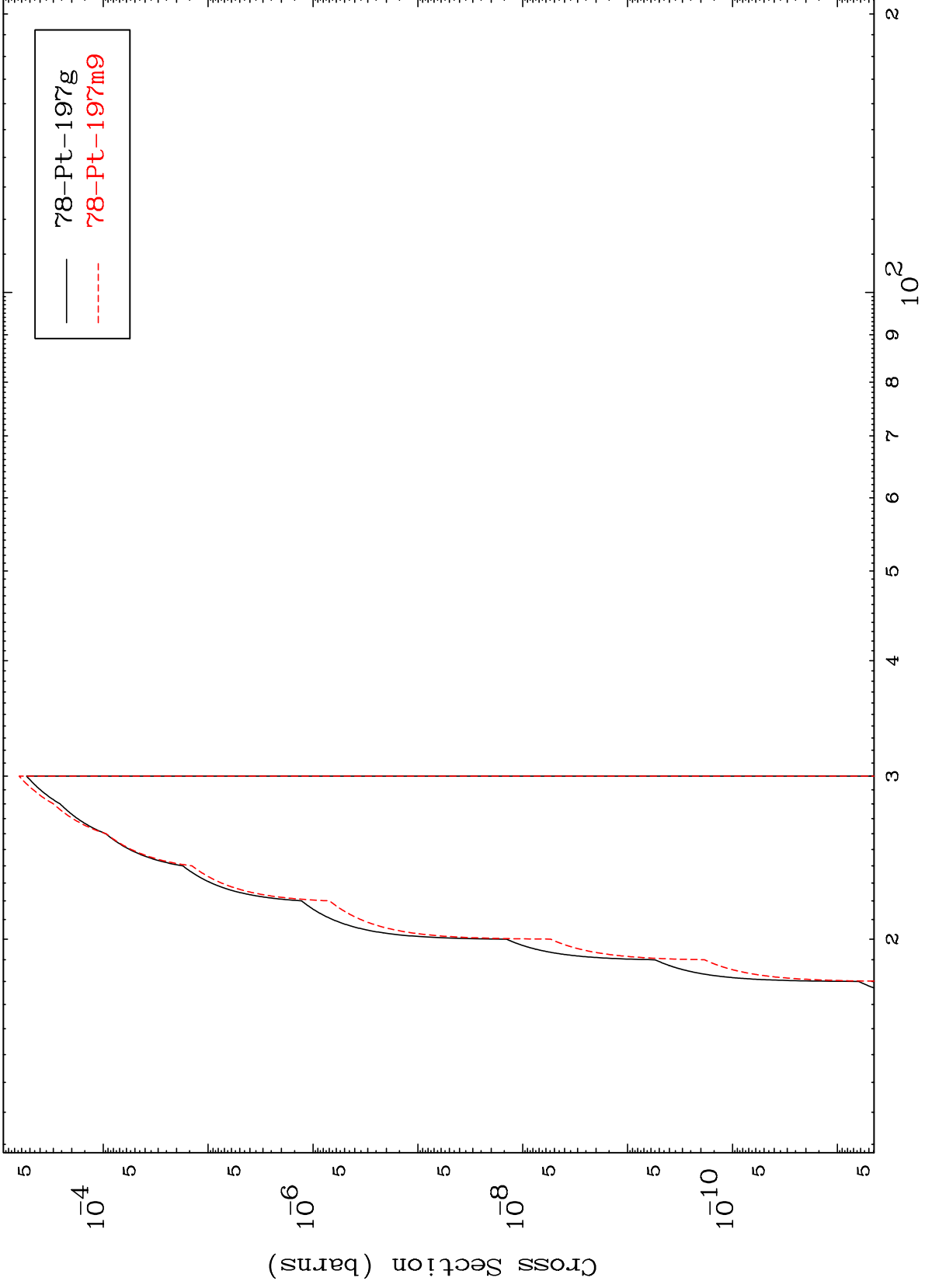


17

Incident Energy (MeV)

77-Ir-195

(n,d)
Radionuclide Production Cross Section



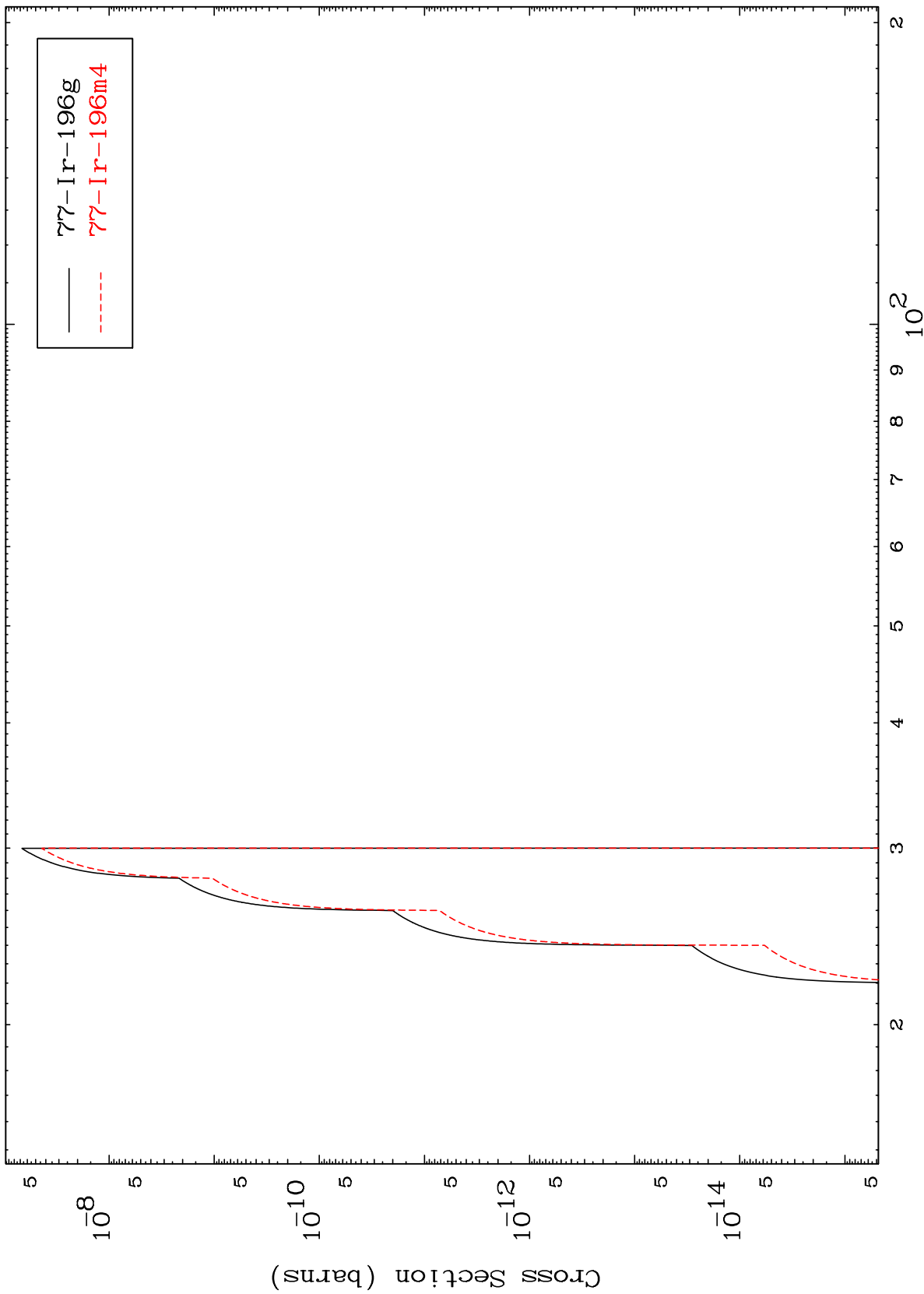
78-Pt-197g
78-Pt-197m9

MAT 7737

(n,He-3)

77-Ir-195

Radionuclide Production Cross Section



19

Incident Energy (MeV)

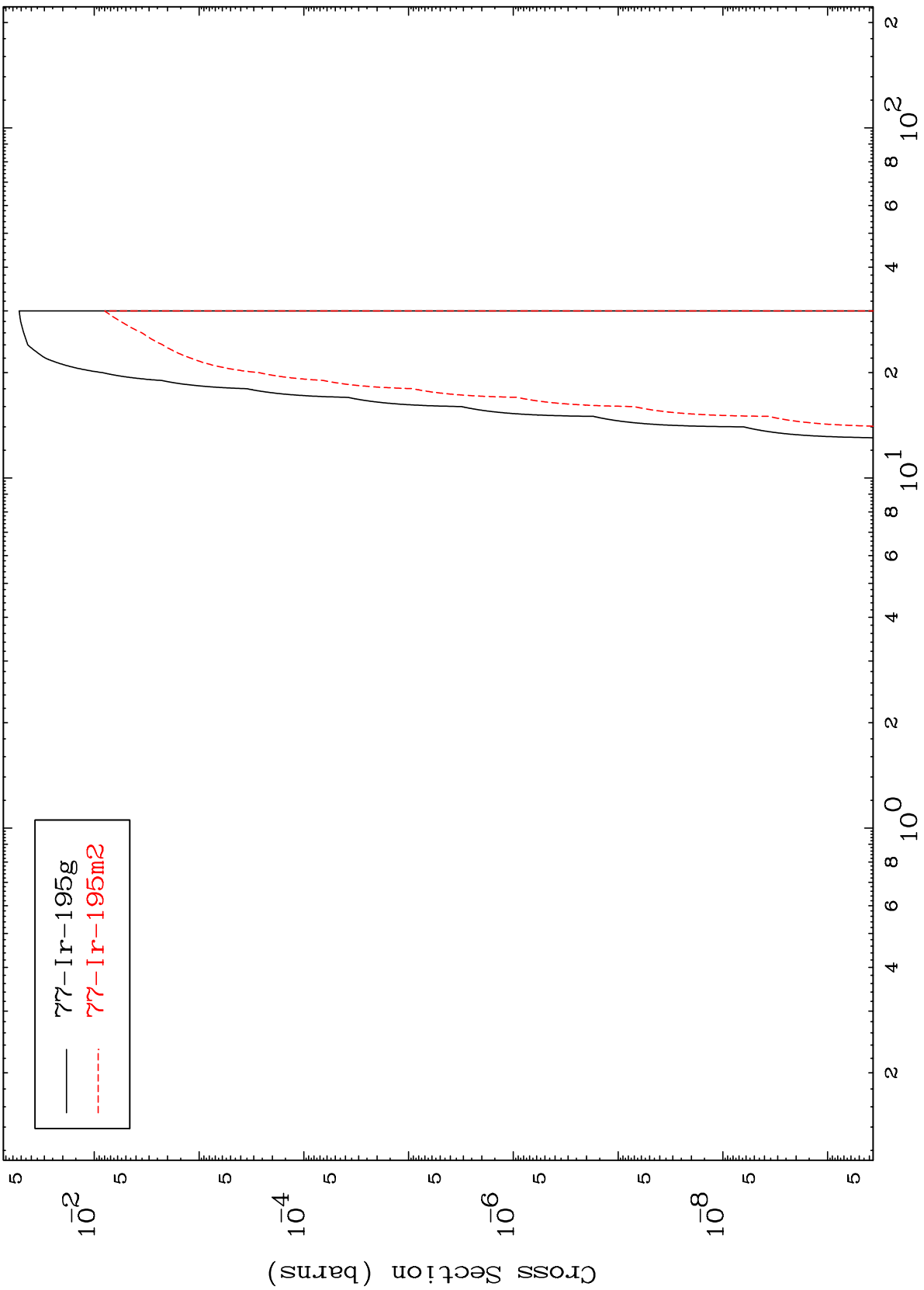
77-Ir-195

MAT 7737

77-Ir-195

(n, α)

Radionuclide Production Cross Section



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

77-Ir-195

Incident Energy (MeV)

20