

Program EVALPLOT
(Version 2021-1)

by

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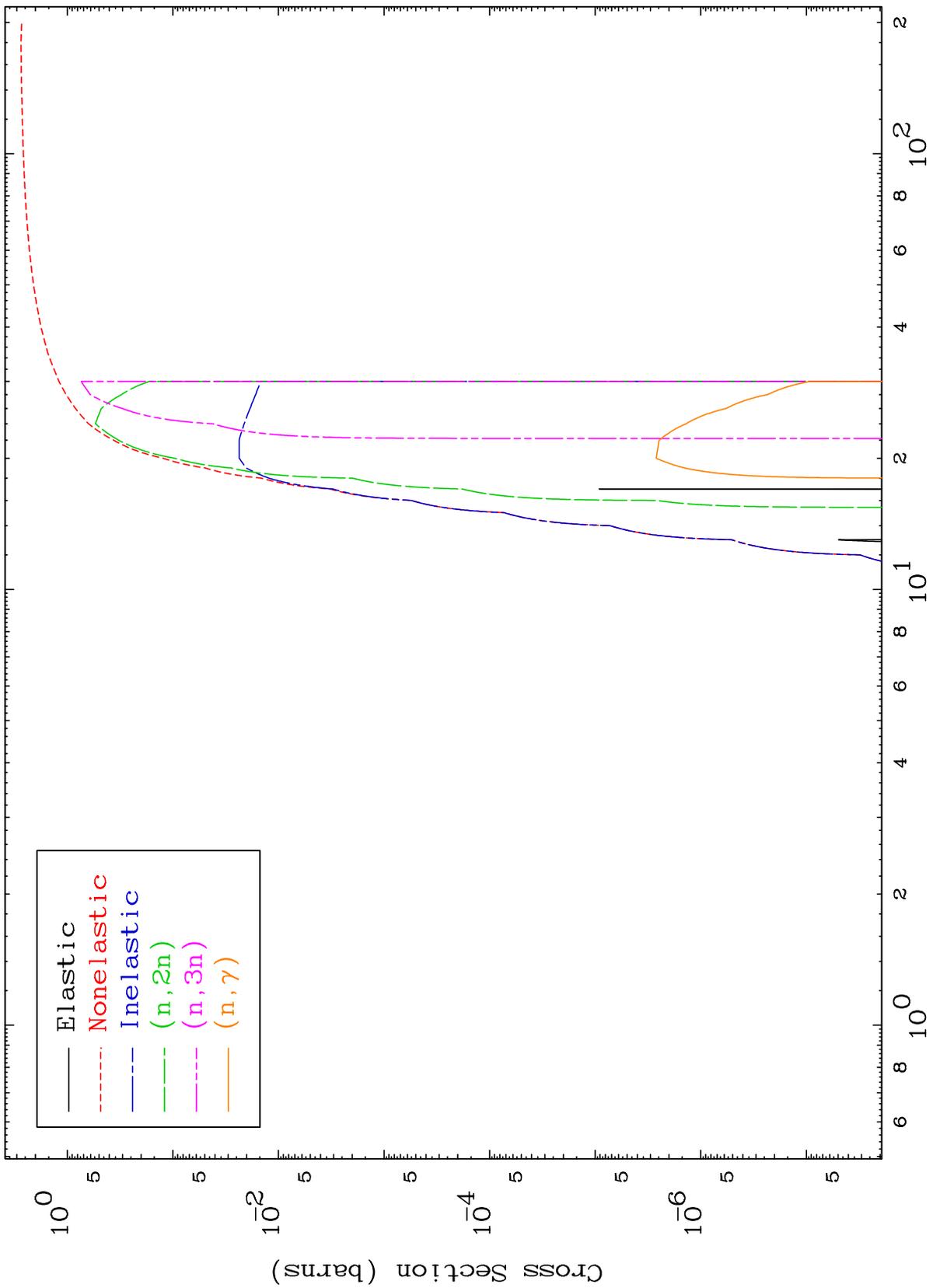
Press Mouse Button to Start

MAT 7734

0 Kelvin

α Major

77-Ir-194



1

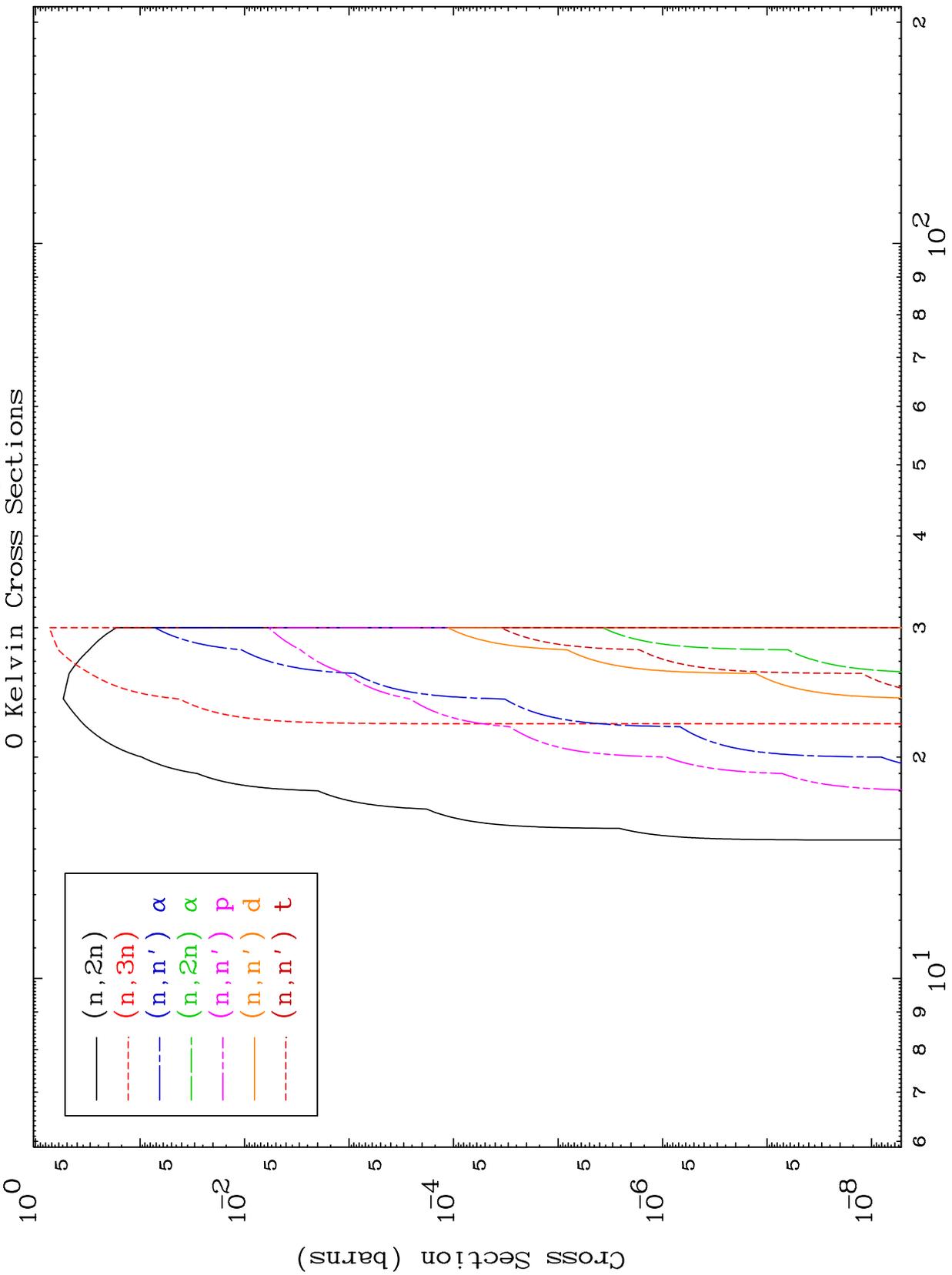
Incident Energy (MeV)

77-Ir-194

MAT 7734

77-Ir-194

α Neutron Absorption
0 Kelvin Cross Sections



77-Ir-194

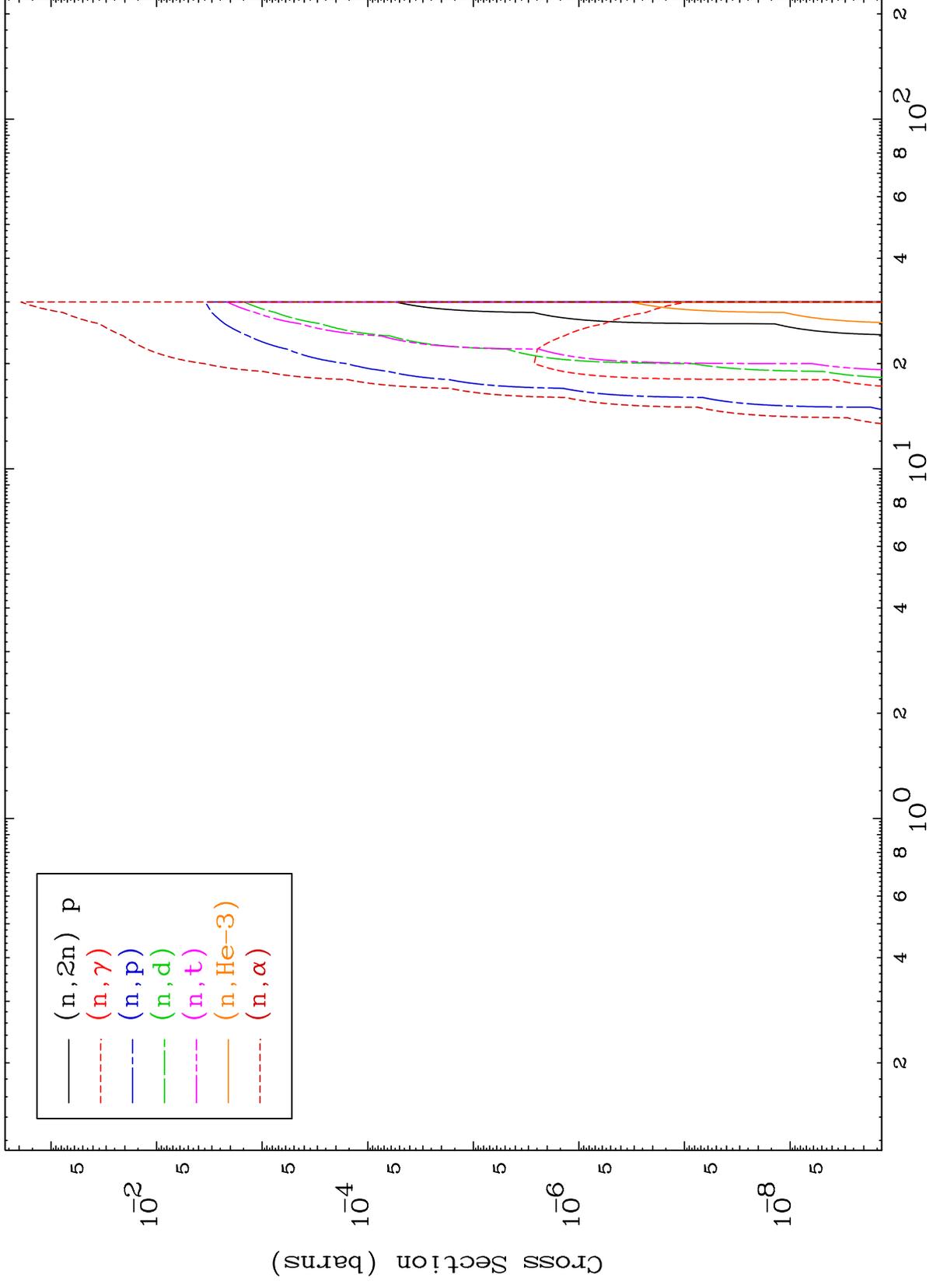
Incident Energy (MeV)

2

MAT 7734

α Neutron Absorption
0 Kelvin Cross Sections

77-Ir-194



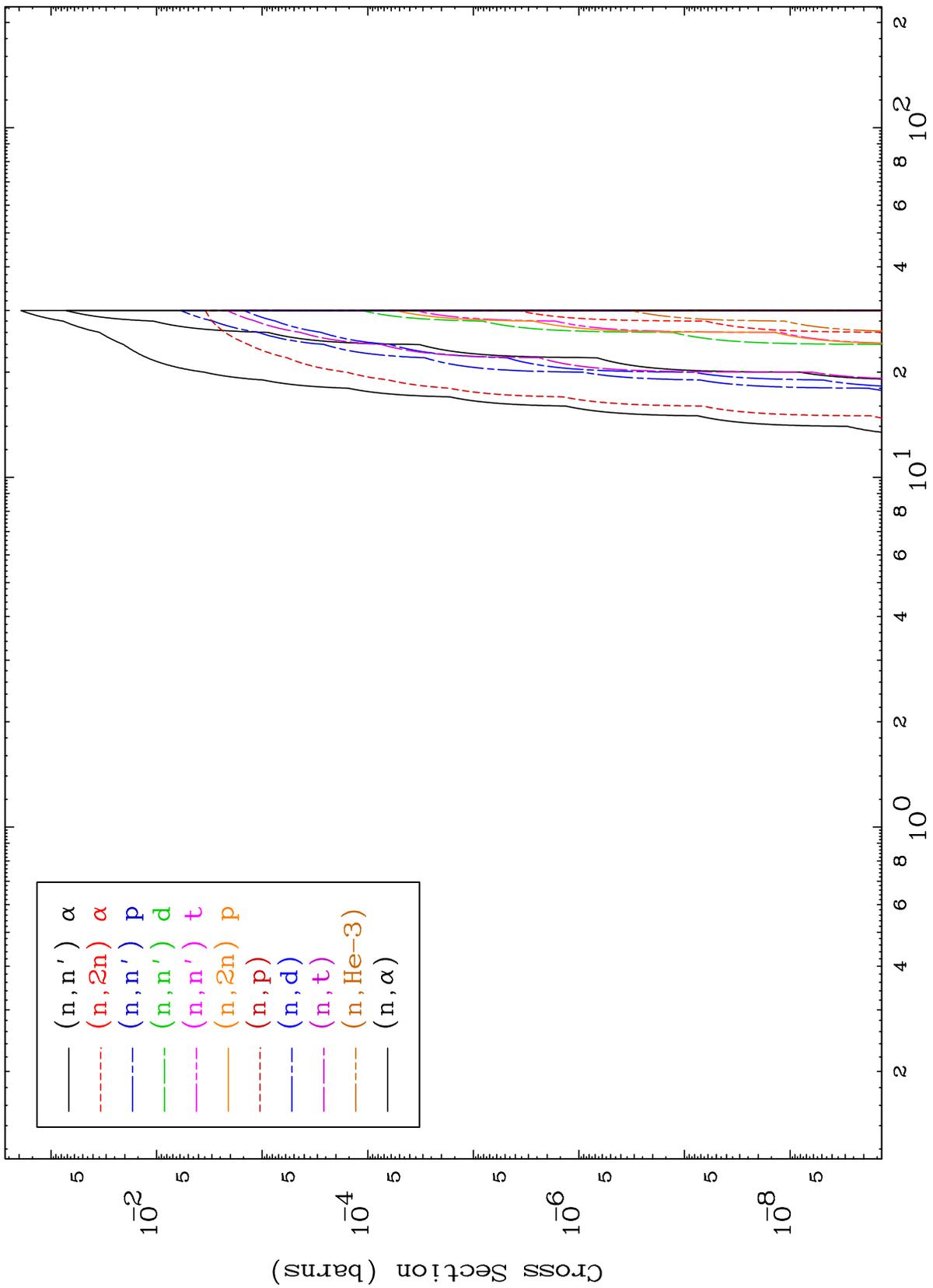
77-Ir-194

Incident Energy (MeV)

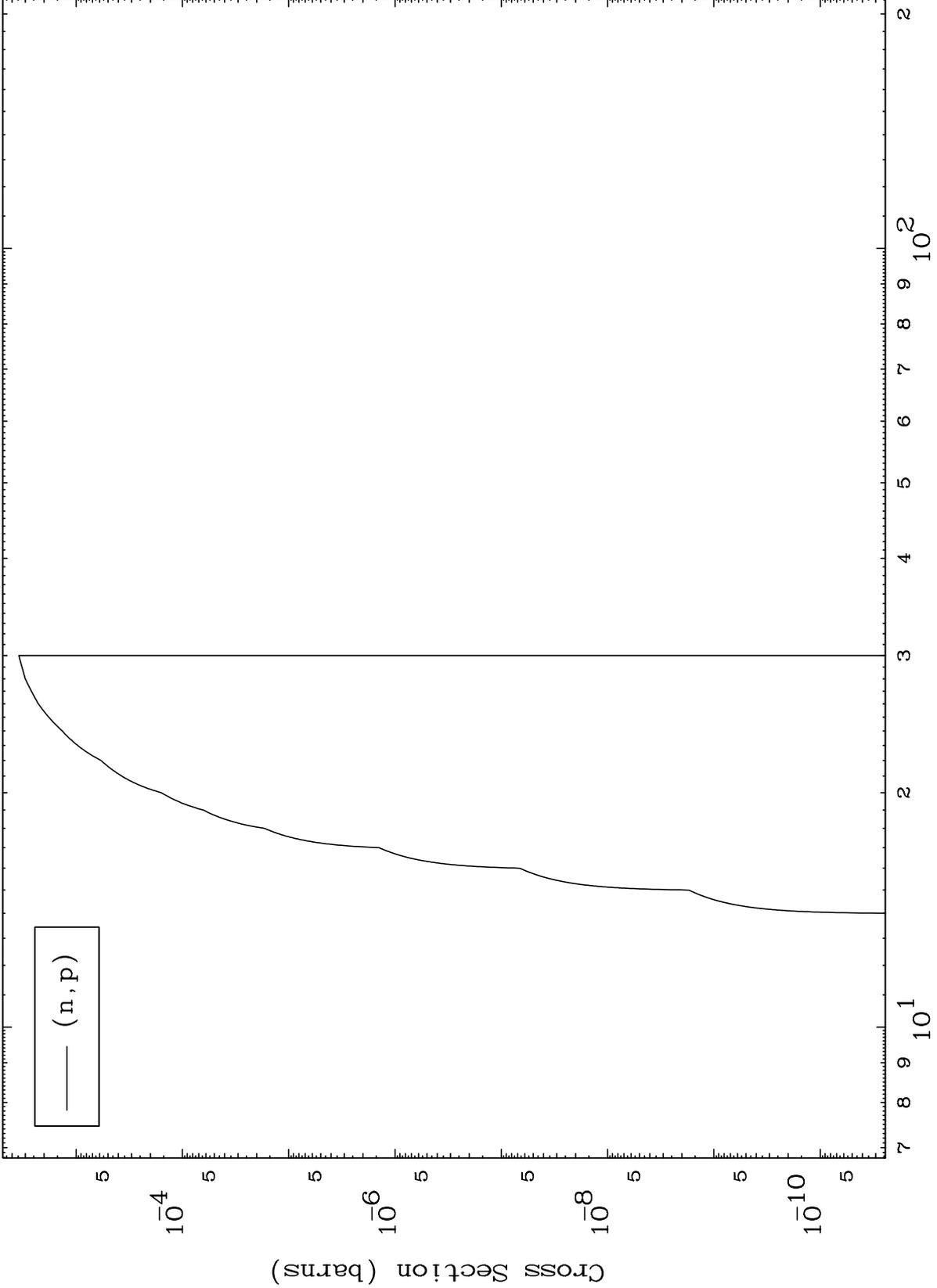
MAT 7734

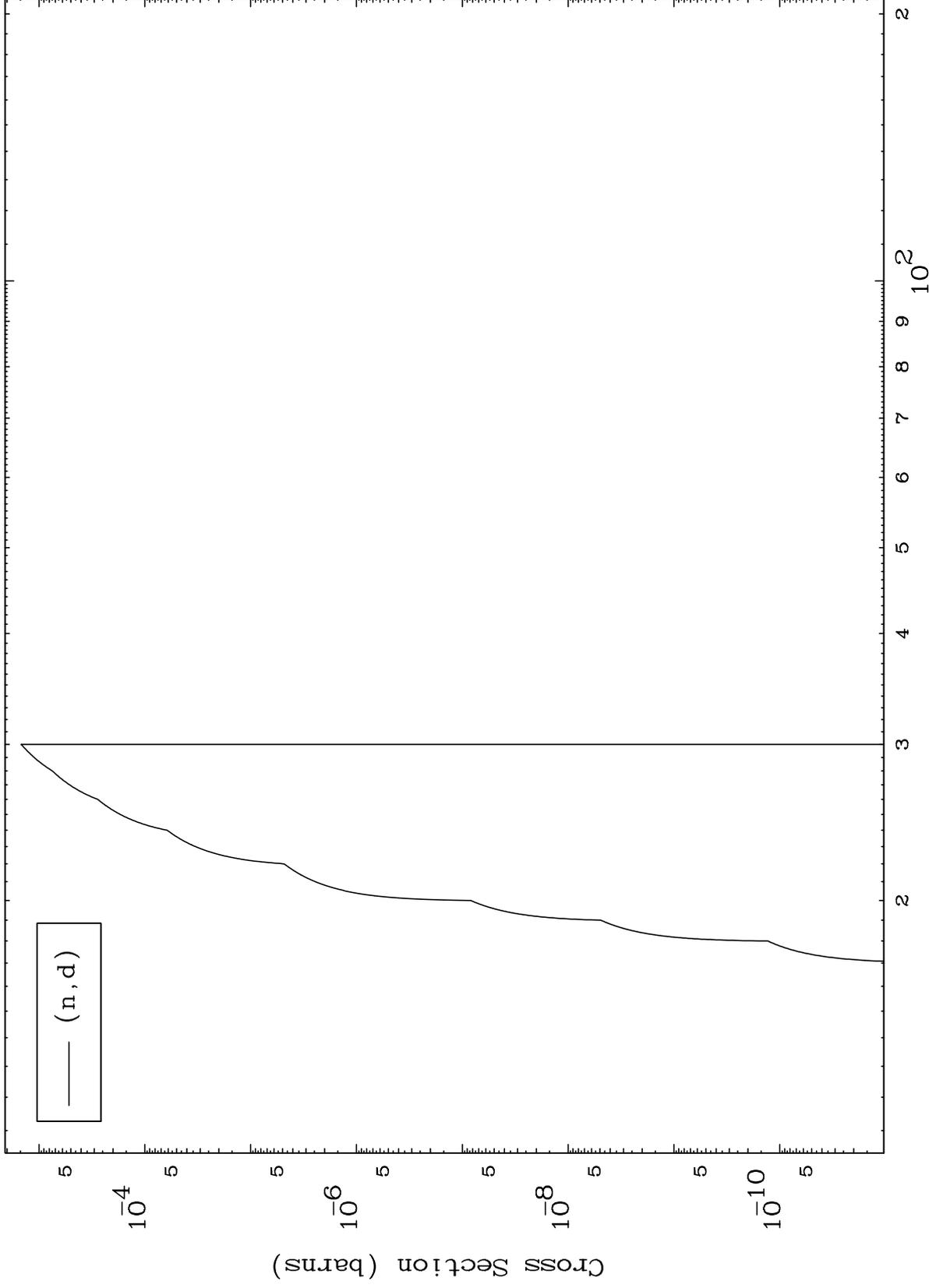
α Charged Particle
0 Kelvin Cross Sections

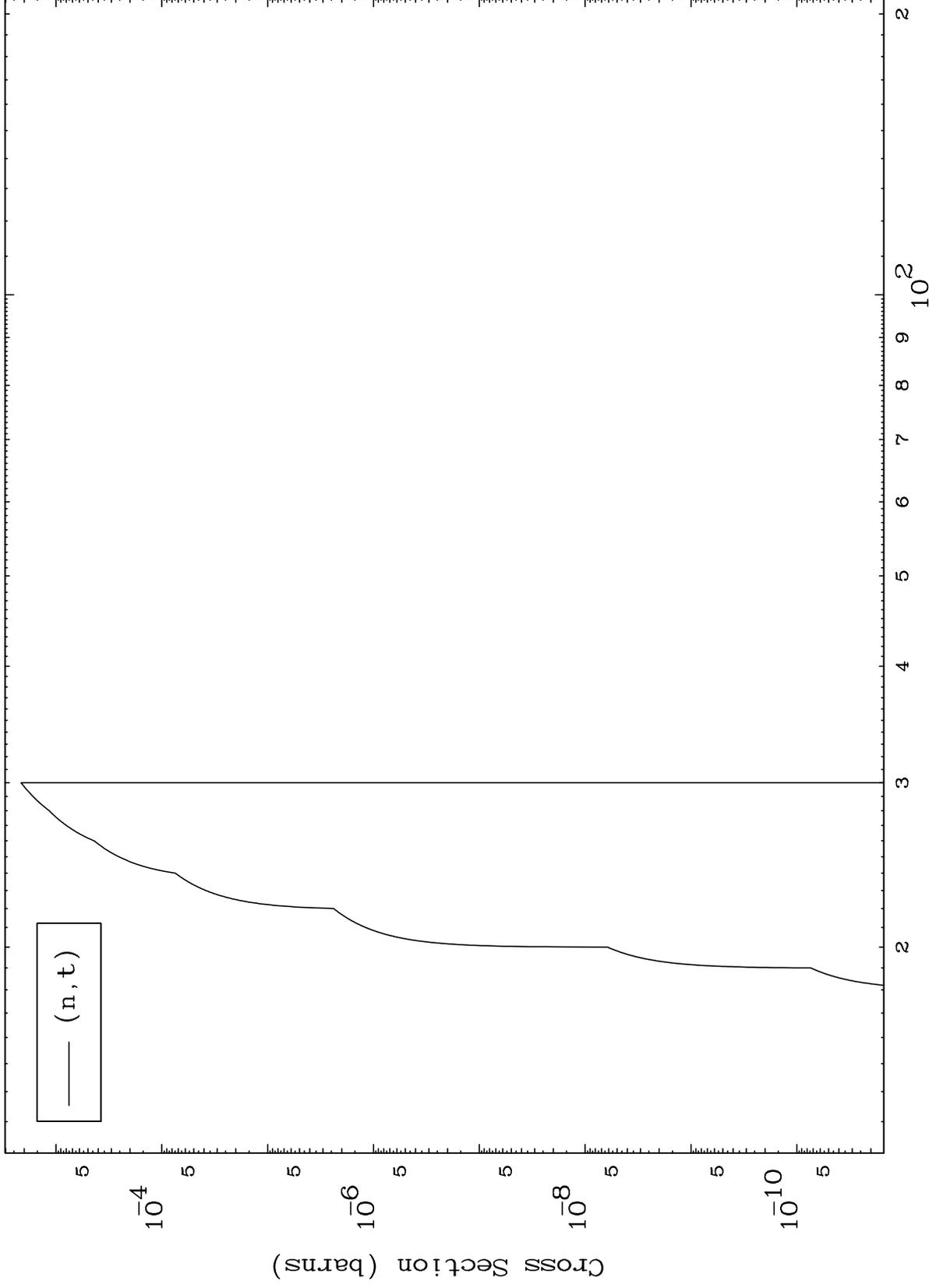
77-Ir-194



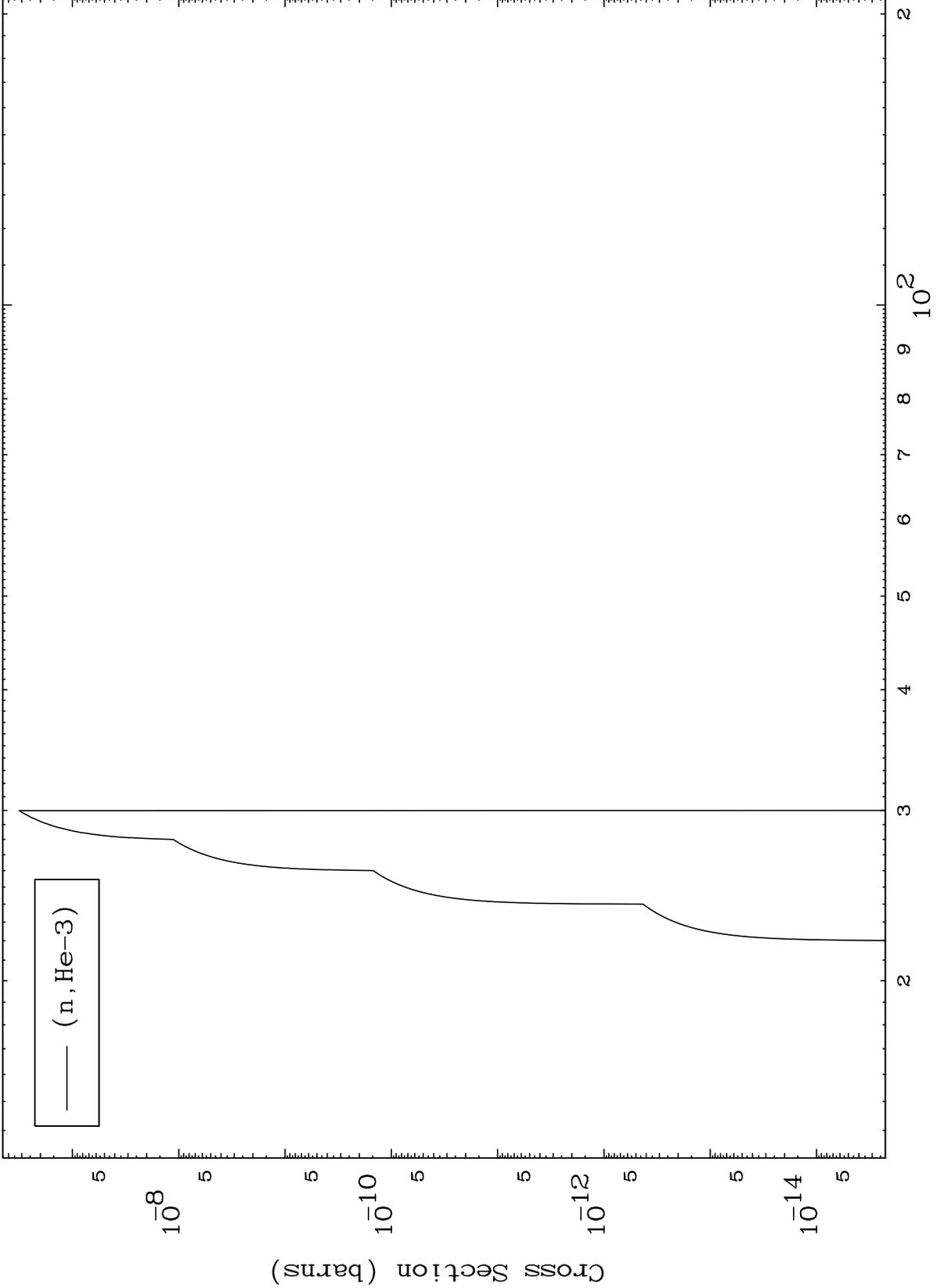
(α, p) Levels
0 Kelvin Cross Sections



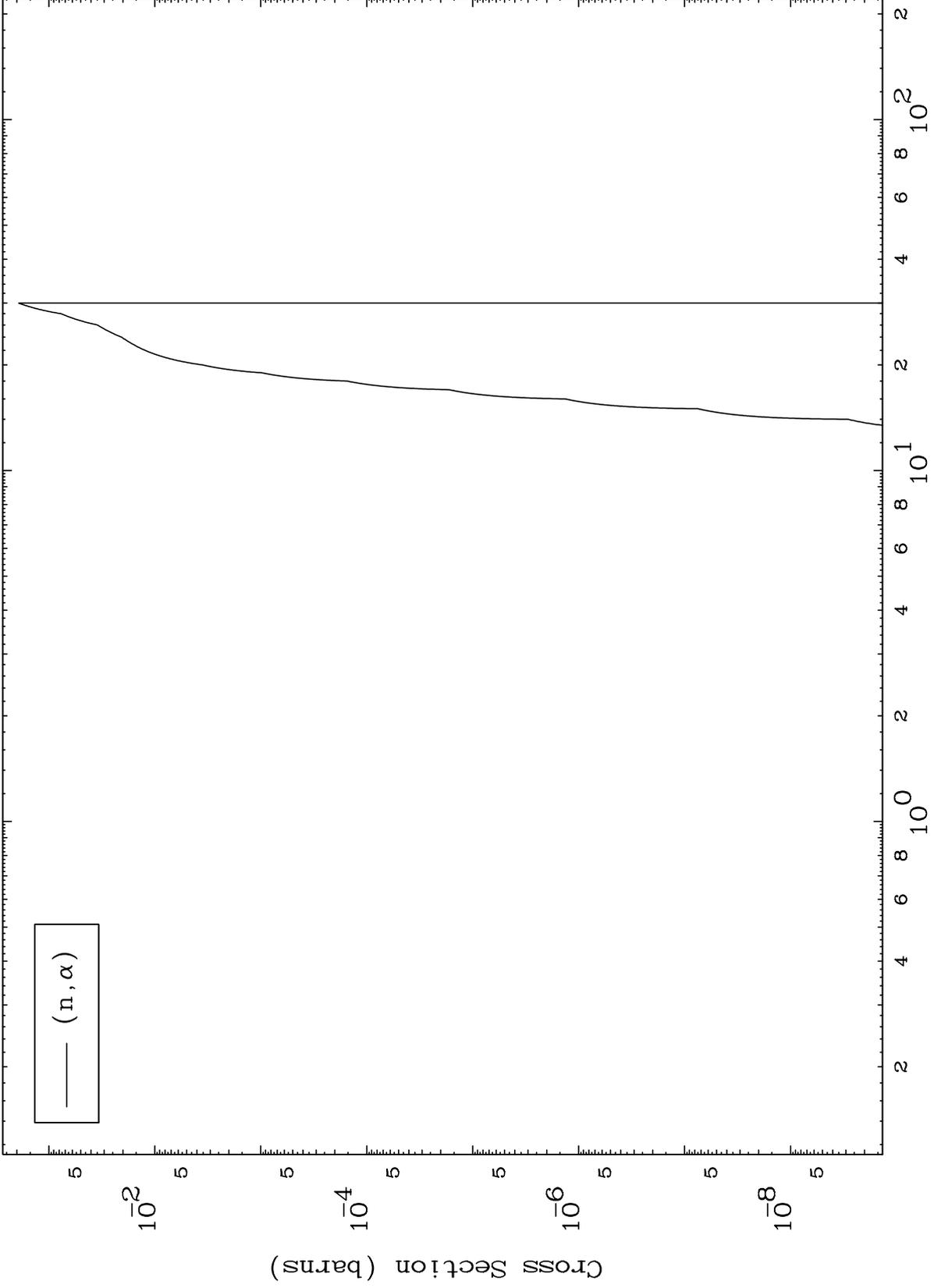




($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections



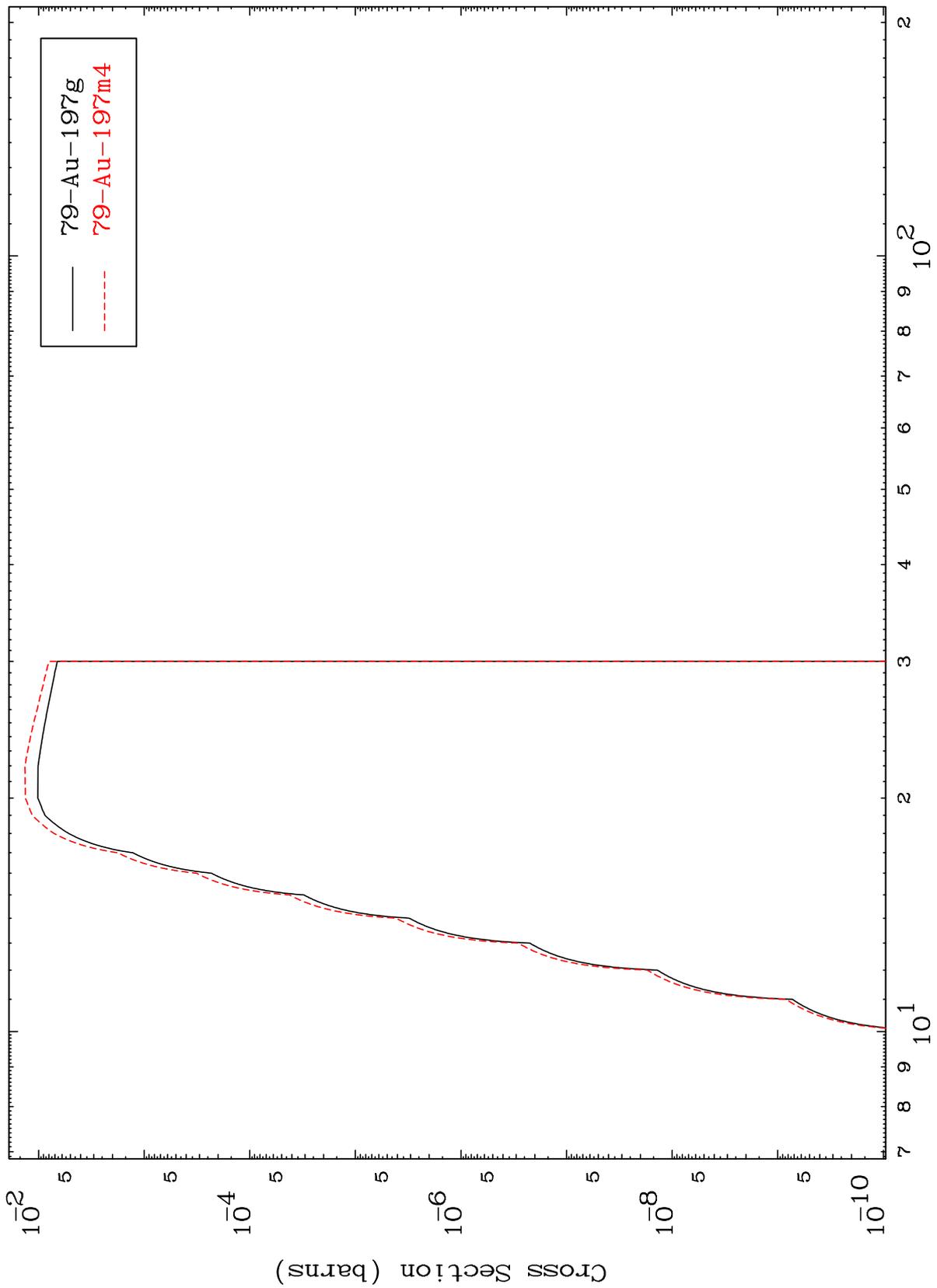
0 Kelvin Cross Sections



MAT 7734

77-Ir-194

Inelastic
Radionuclide Production Cross Section

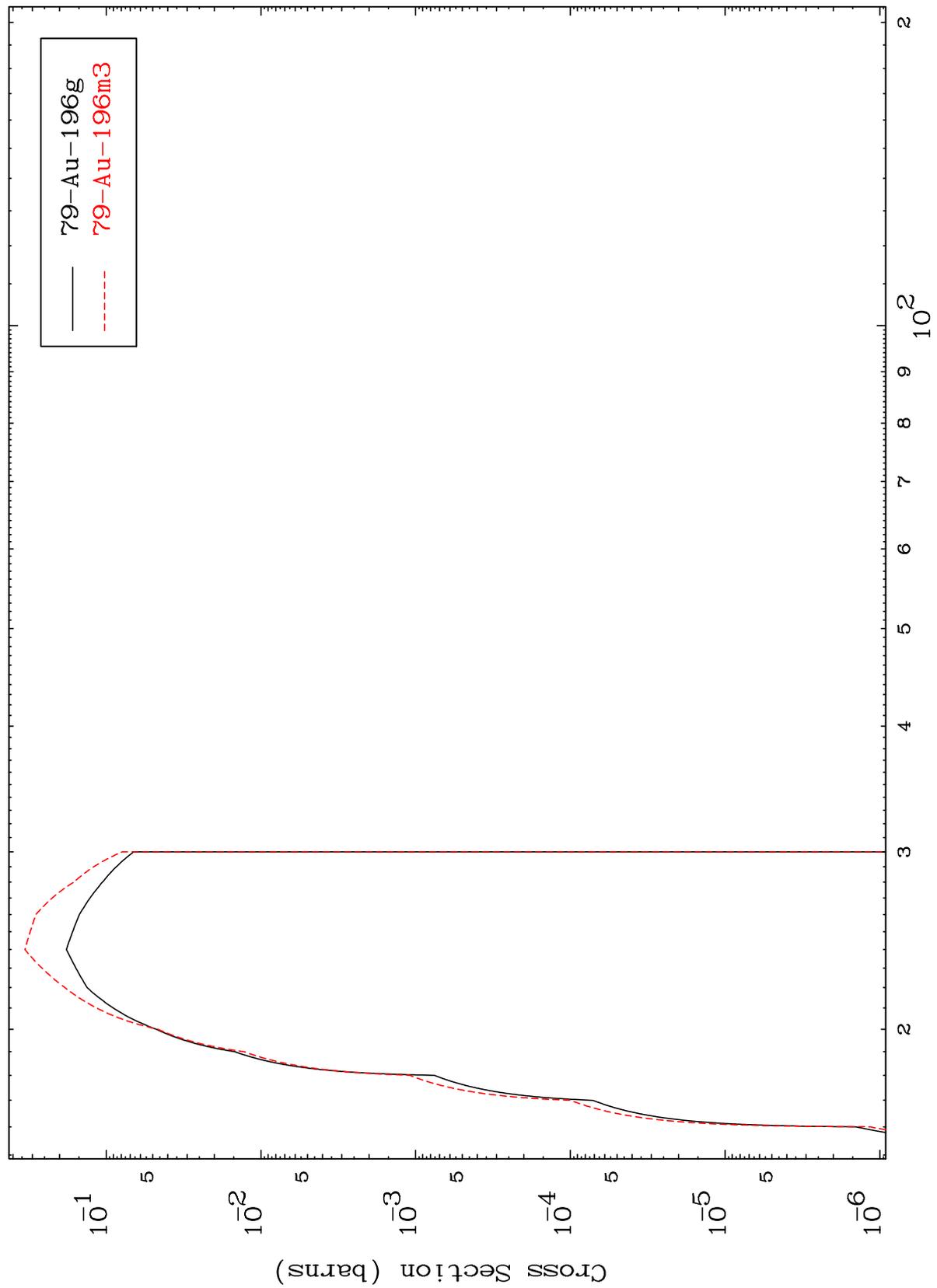


77-Ir-194

Incident Energy (MeV)

10

(n,2n)
Radionuclide Production Cross Section

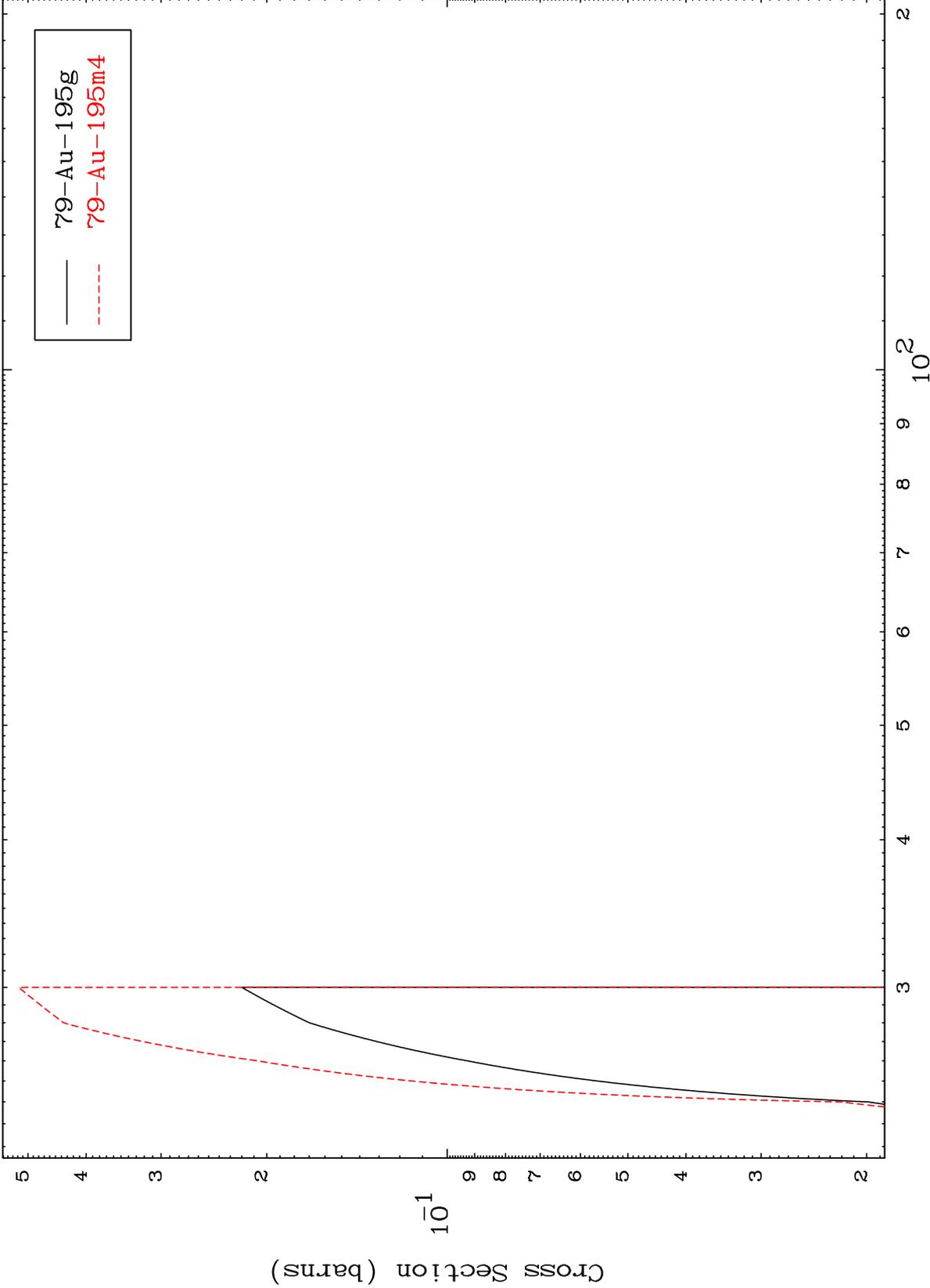


MAT 7734

(n,3n)

77-Ir-194

Radionuclide Production Cross Section



79-Au-195g
79-Au-195m4

12

Incident Energy (MeV)

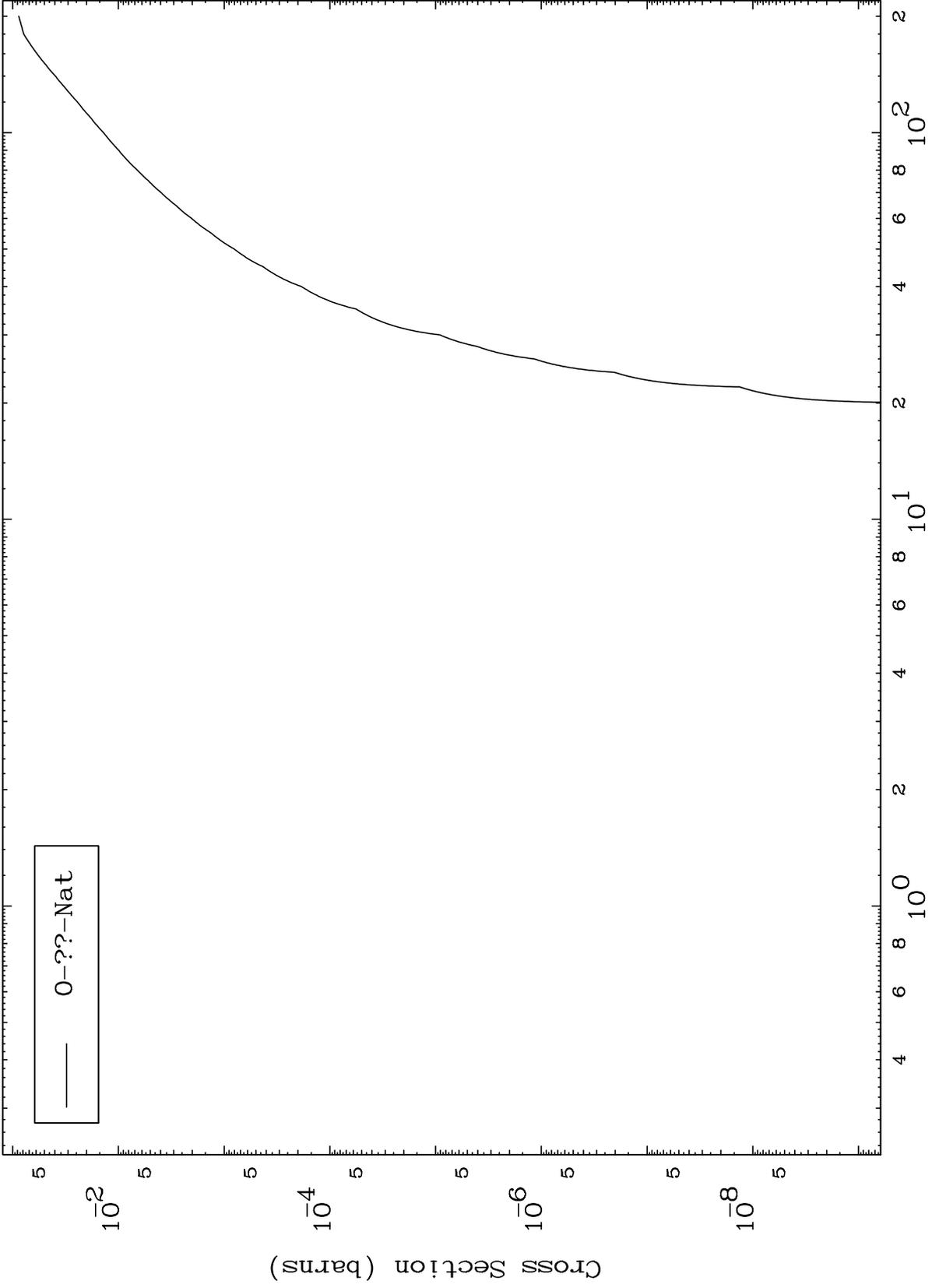
77-Ir-194

MAT 7734

Fission

⁷⁷Ir-194

Radionuclide Production Cross Section



13

Incident Energy (MeV)

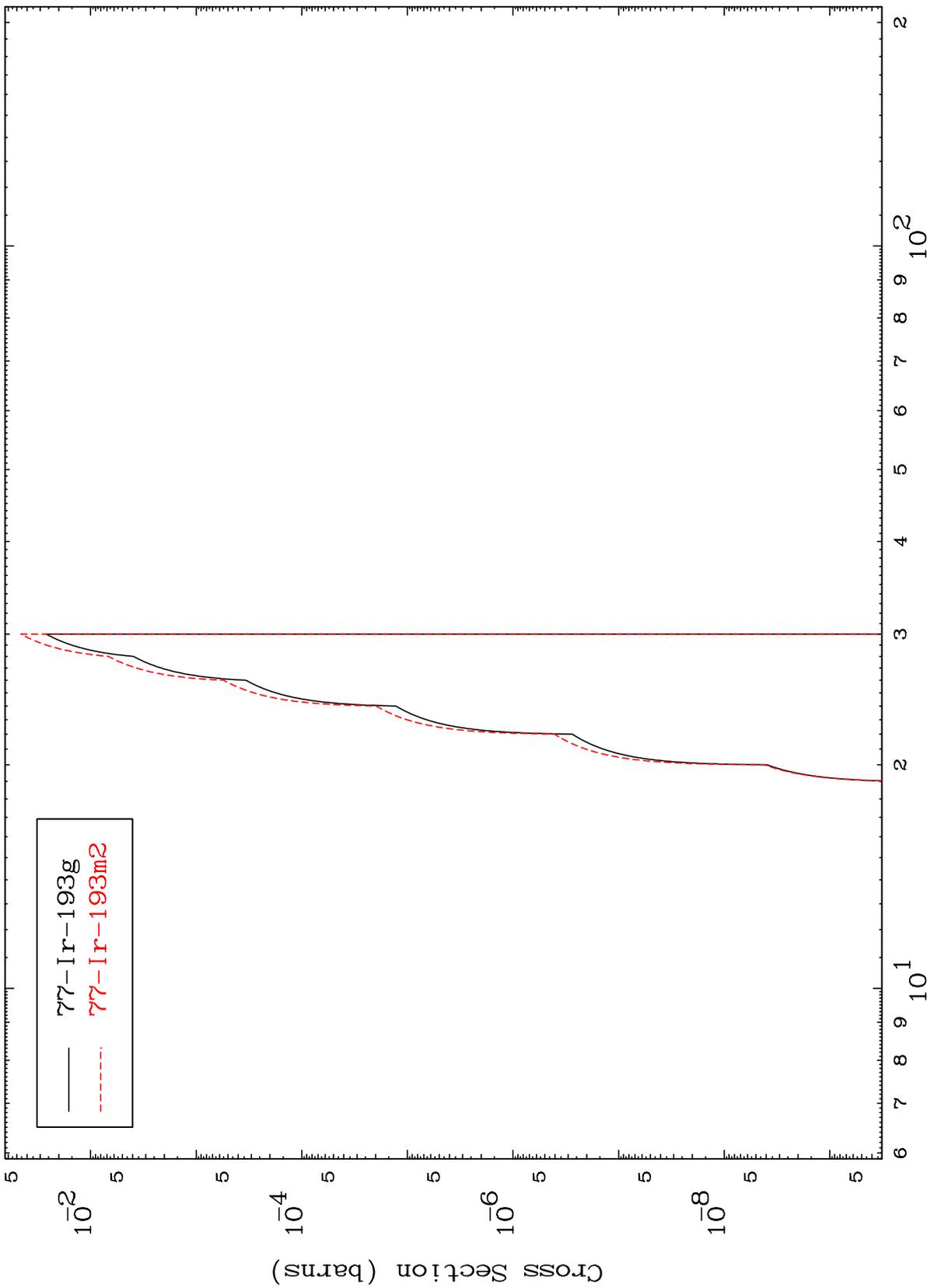
⁷⁷Ir-194

MAT 7734

$(n, n') \alpha$

$^{77}\text{Ir-194}$

Radionuclide Production Cross Section



— $^{77}\text{Ir-193g}$
- - - $^{77}\text{Ir-193m2}$

Incident Energy (MeV)

$^{77}\text{Ir-194}$

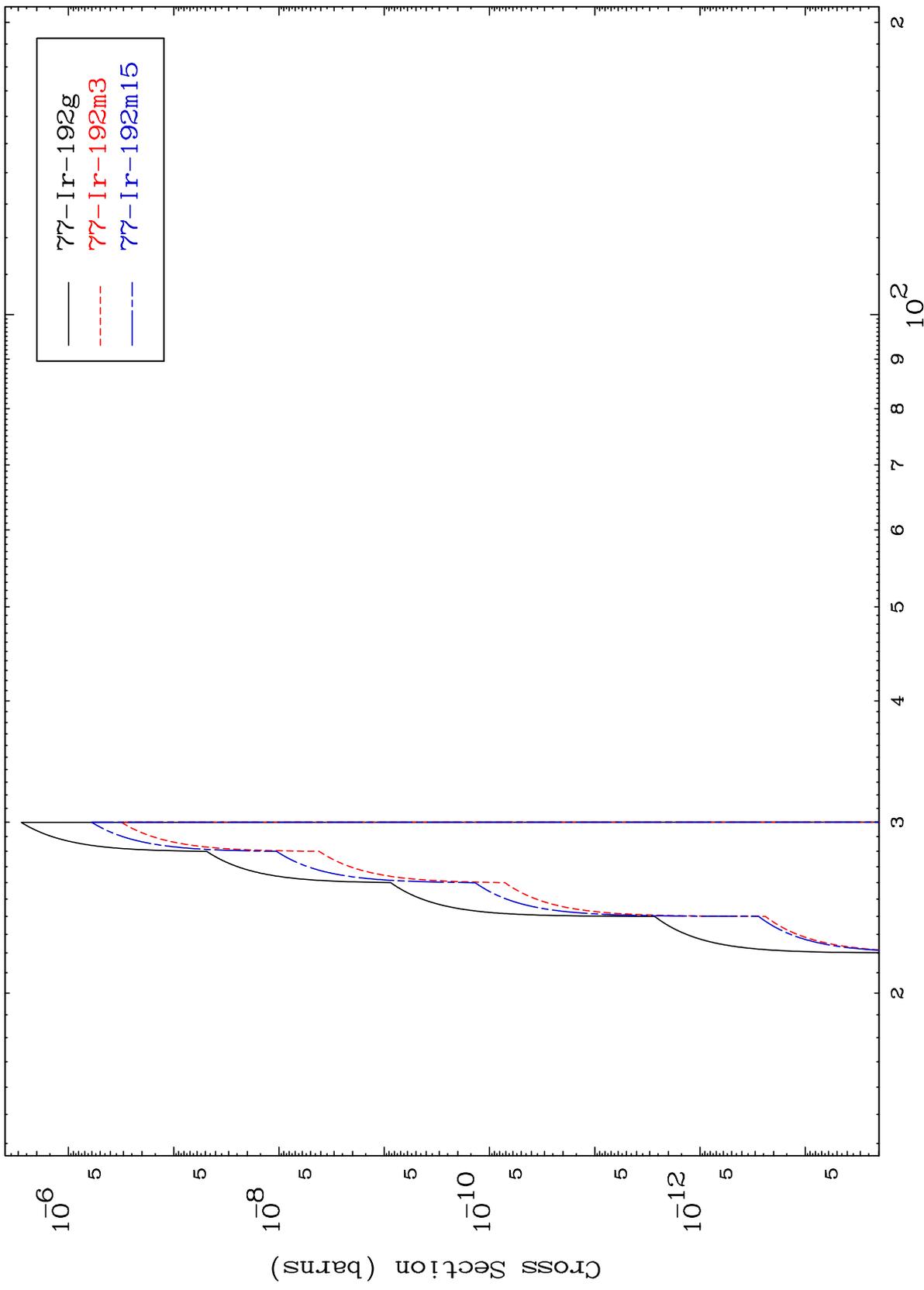
14

MAT 7734

(n,2n) α

77-Ir-194

Radionuclide Production Cross Section



15

Incident Energy (MeV)

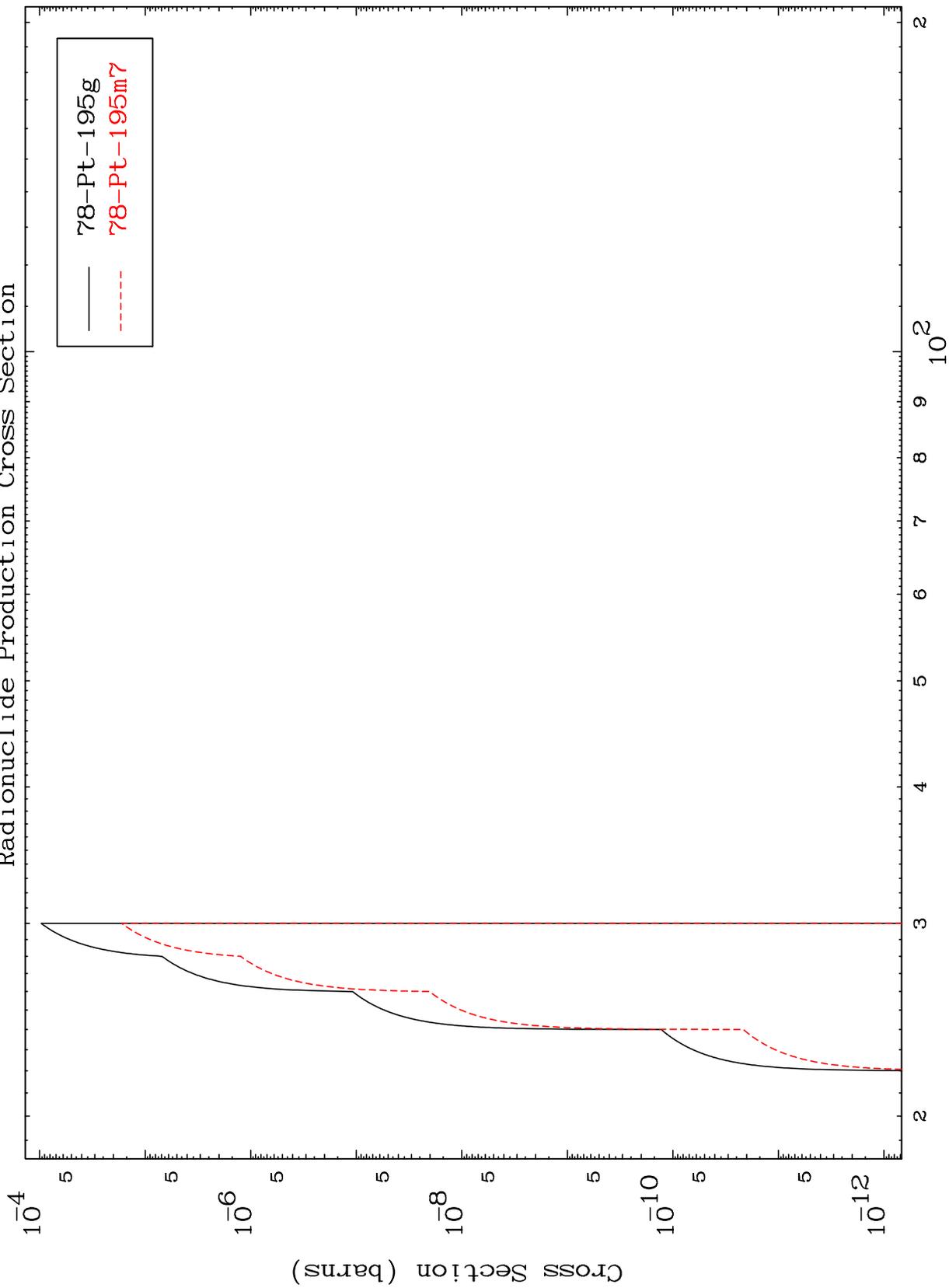
77-Ir-194

MAT 7734

(n,n') d

77-Ir-194

Radionuclide Production Cross Section

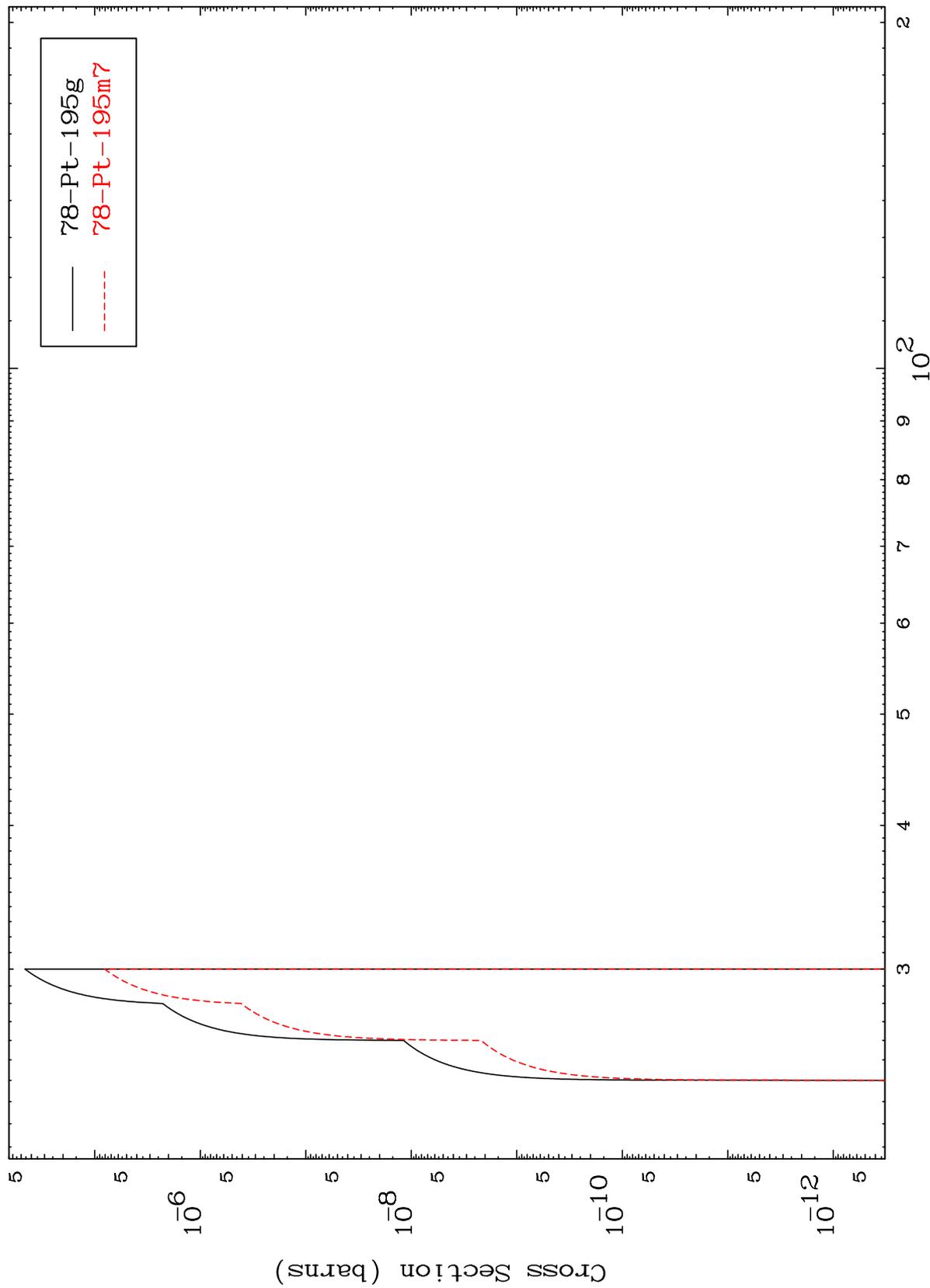


16

Incident Energy (MeV)

77-Ir-194

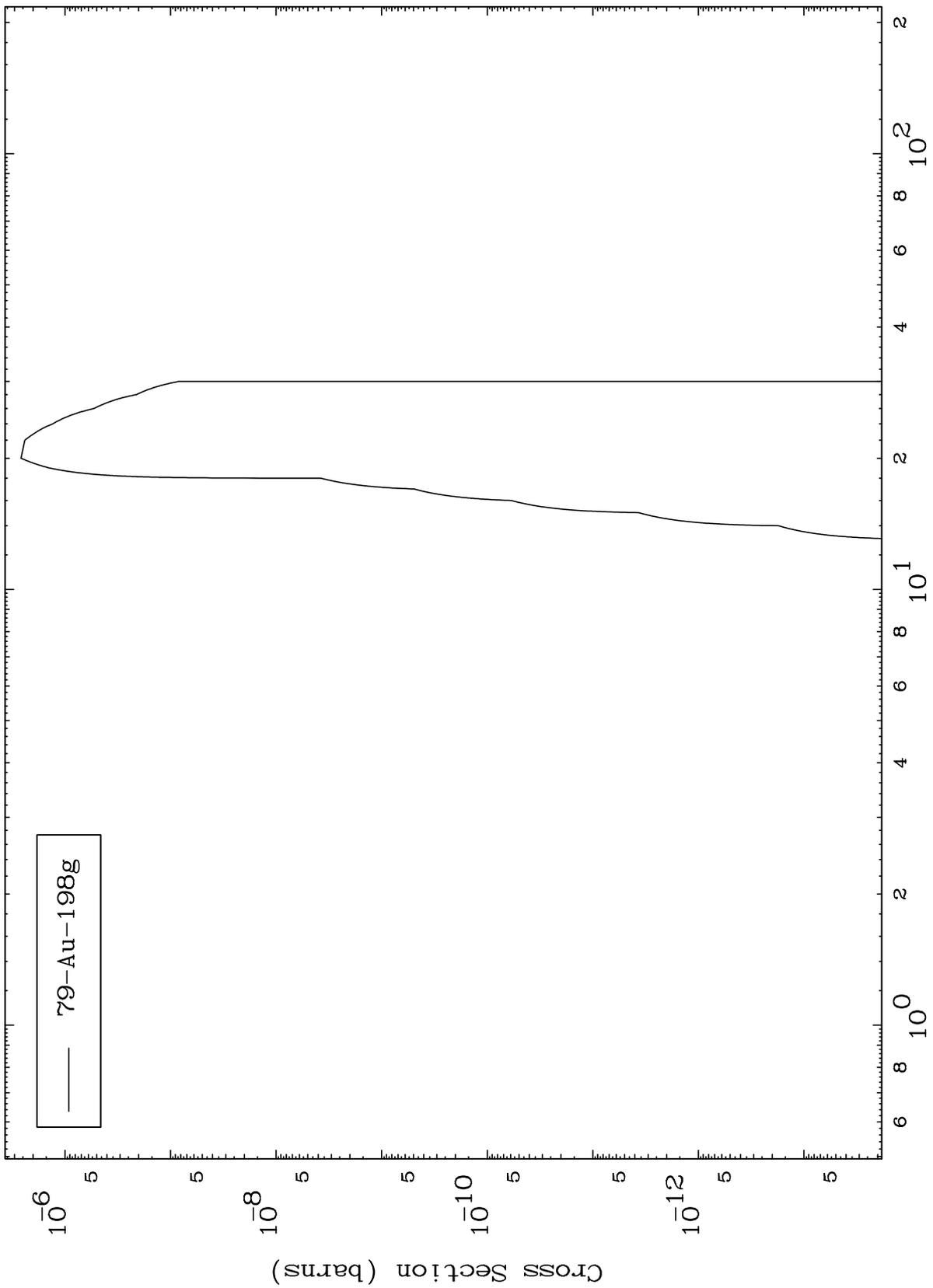
Radionuclide Production Cross Section



MAT 7734

77-Ir-194

(n, γ)
Radionuclide Production Cross Section



79-Au-198g

77-Ir-194

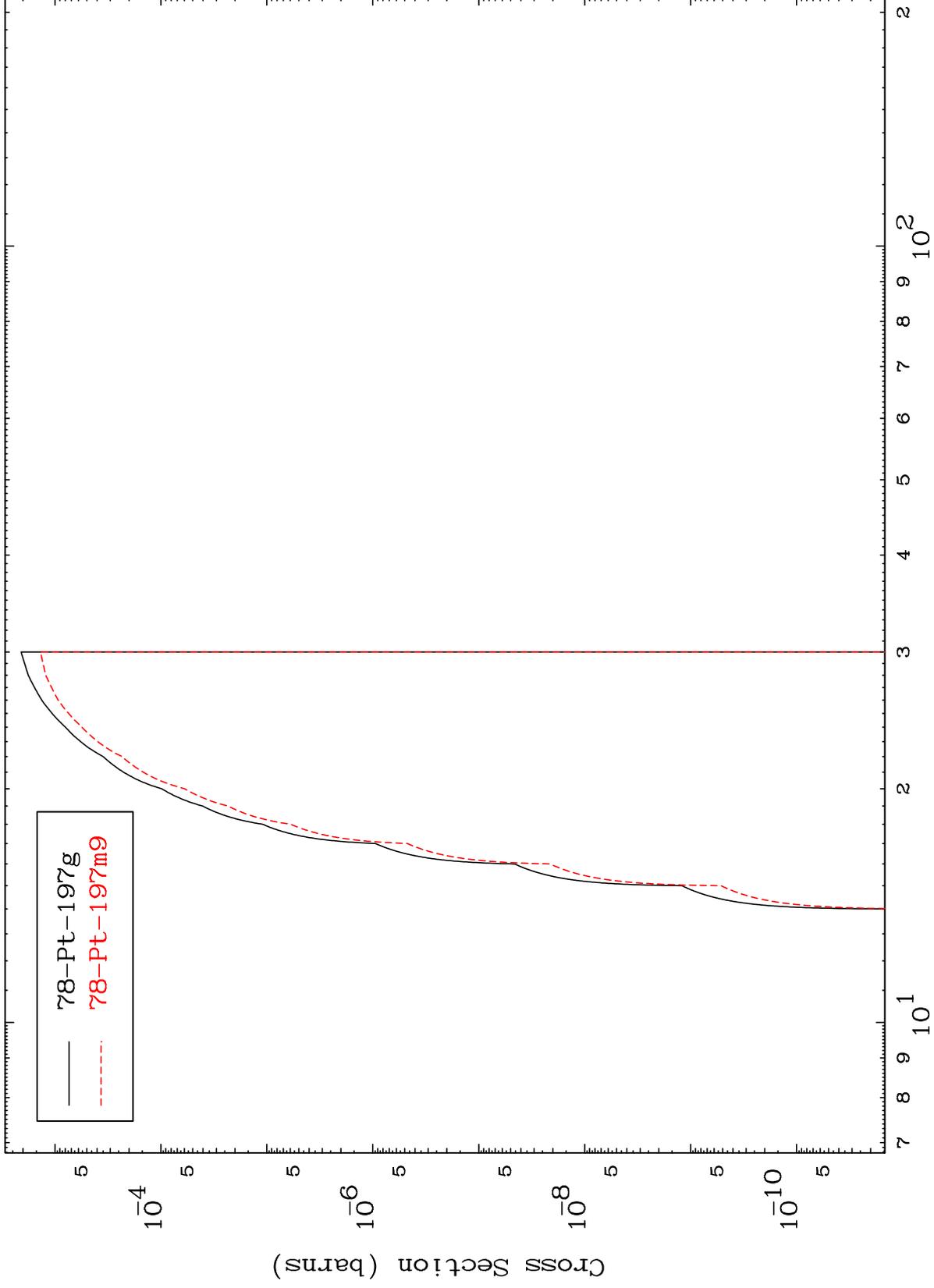
Incident Energy (MeV)

18

MAT 7734

77-Ir-194

(n,p)
Radionuclide Production Cross Section



19

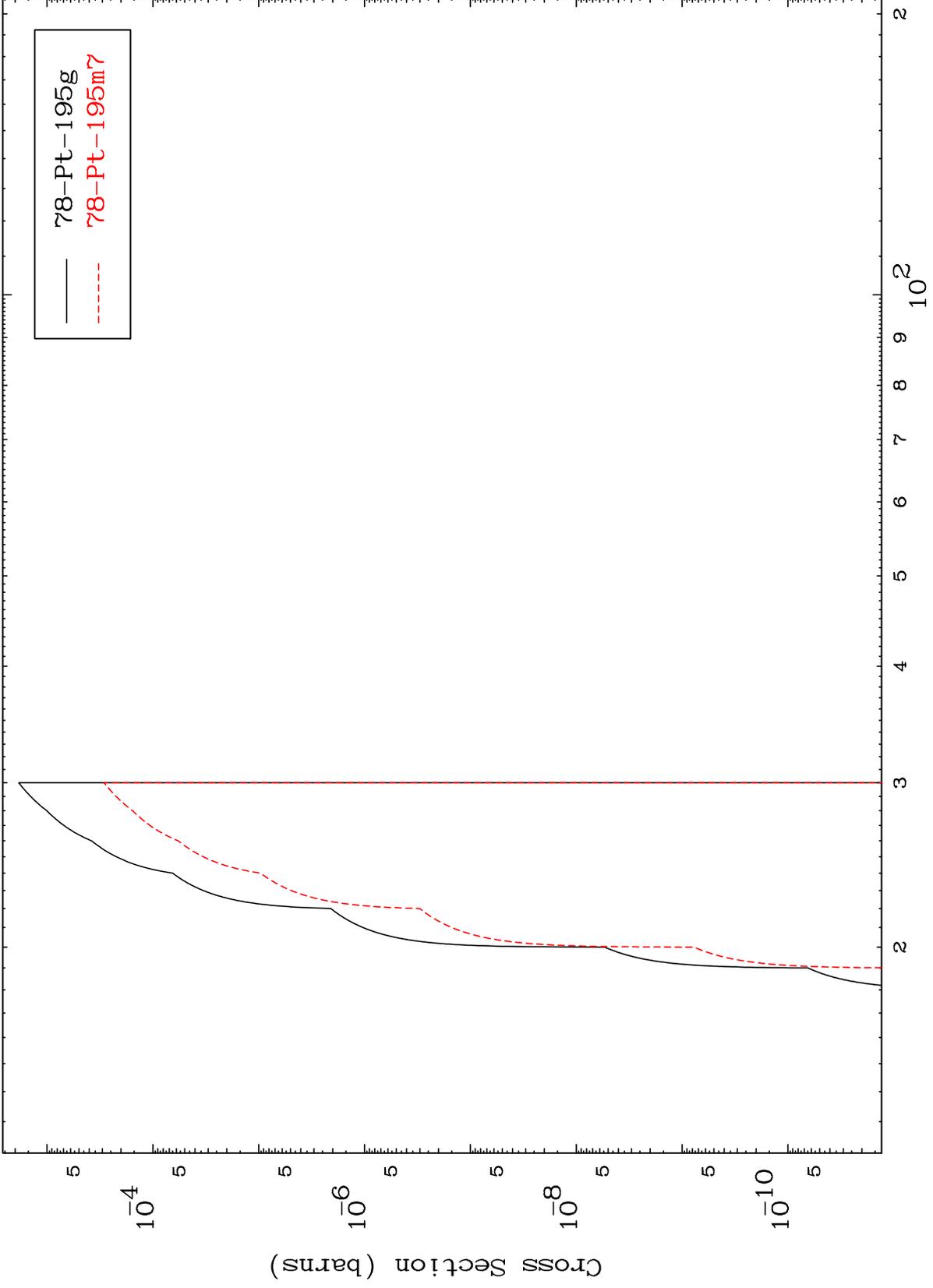
Incident Energy (MeV)

77-Ir-194

MAT 7734

77-Ir-194

(n,t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

77-Ir-194

(n,He-3)
Radionuclide Production Cross Section

