

Program EVALPLOT
(Version 2021-1)

by

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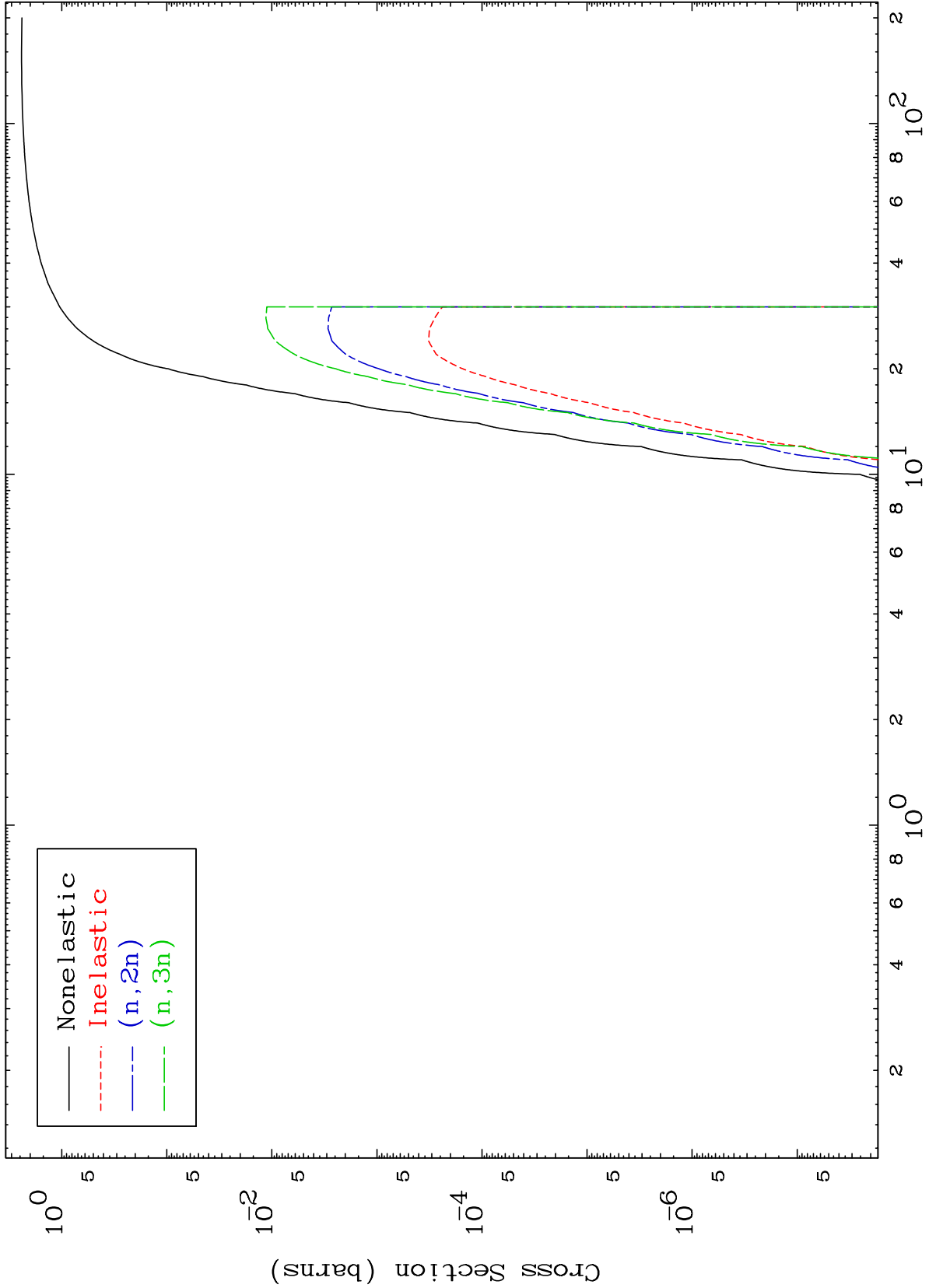
Press Mouse Button to Start

MAT 7743

He-3 Major

0 Kelvin Cross Sections

77-Ir-197

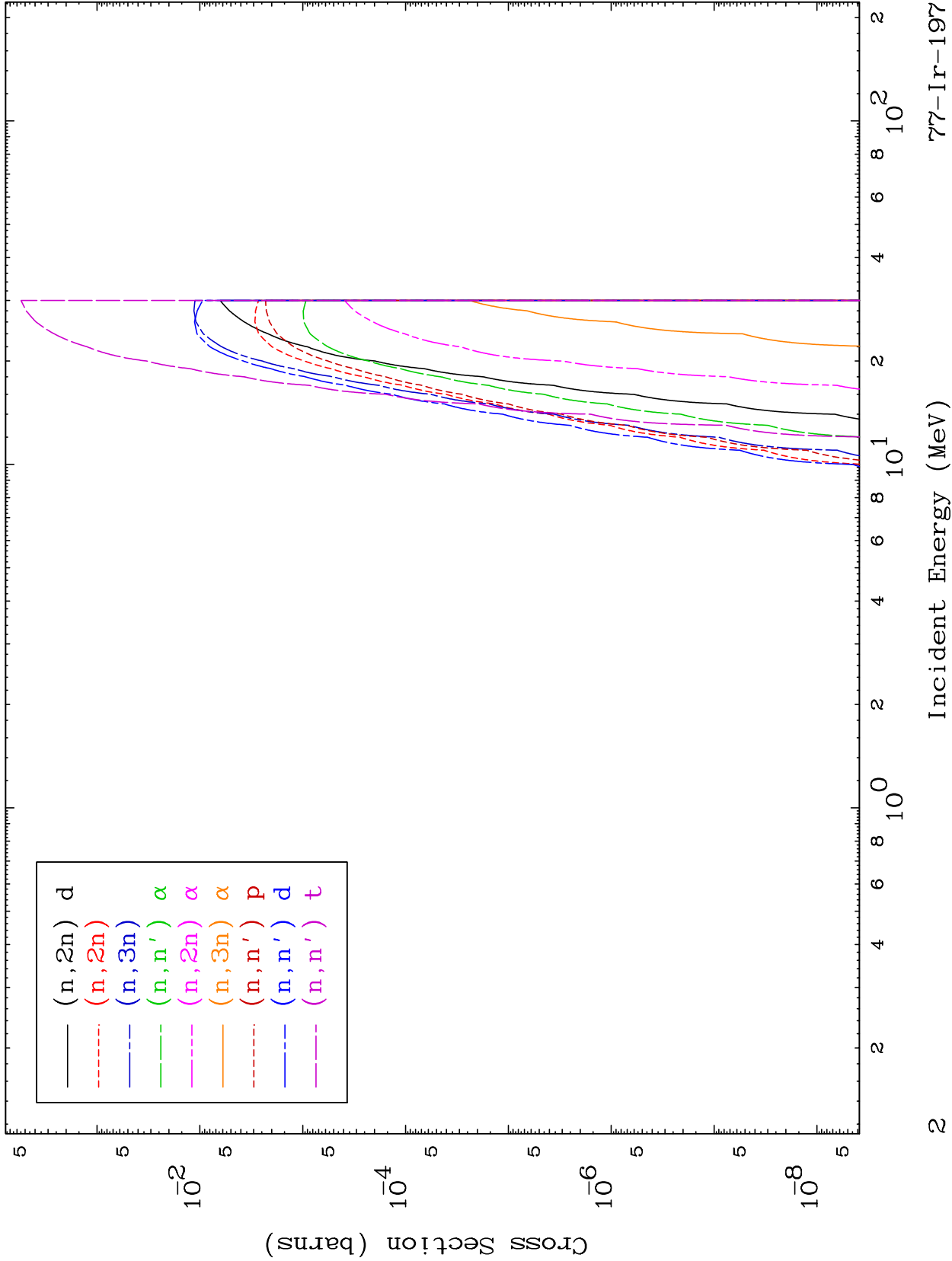


Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, 3n)

MAT 7743

He-3 Neutron Absorption
0 Kelvin Cross Sections

77-Ir-197



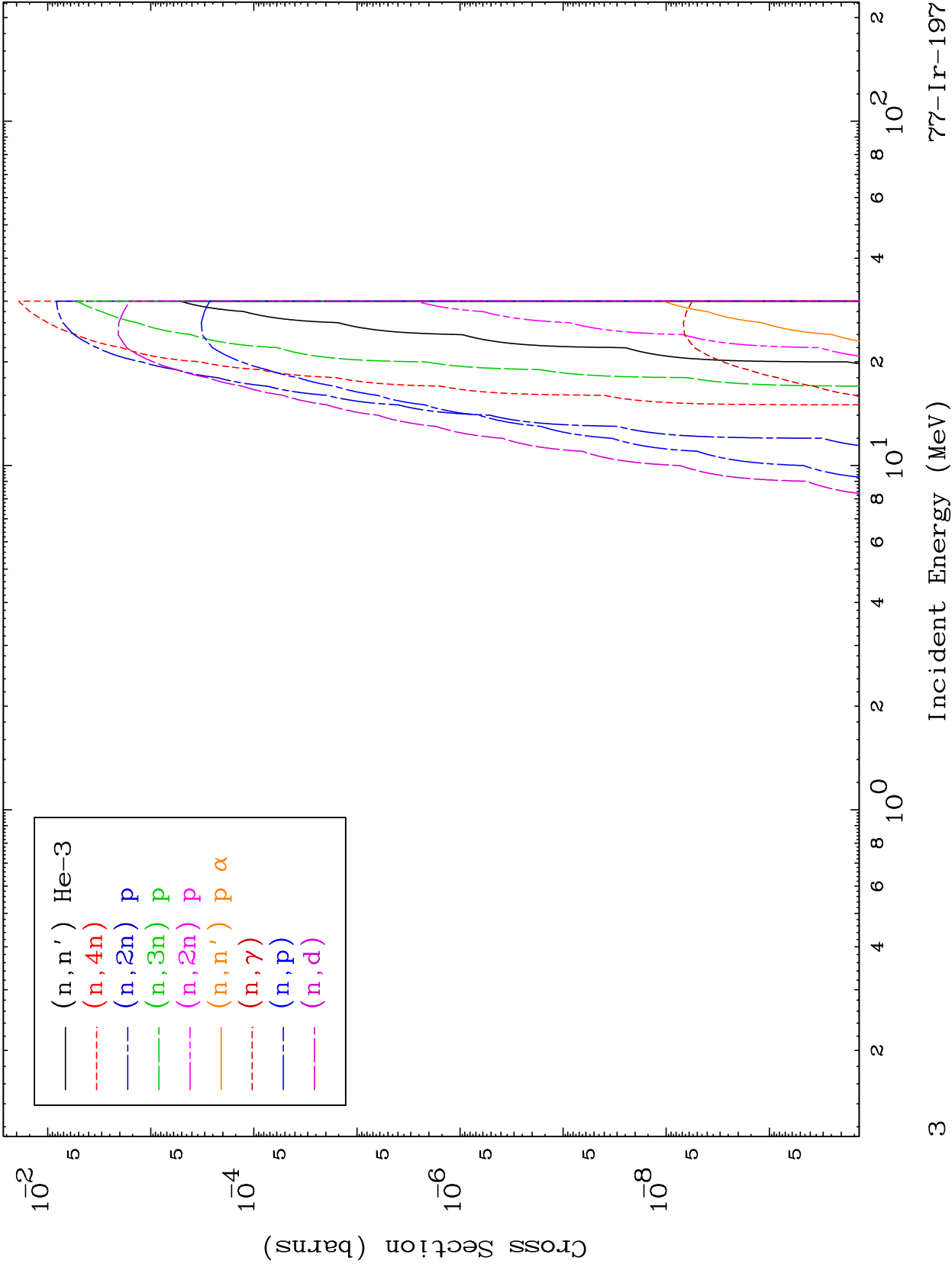
77-Ir-197

Incident Energy (MeV)

MAT 7743

He-3 Neutron Absorption
0 Kelvin Cross Sections

77-Ir-197



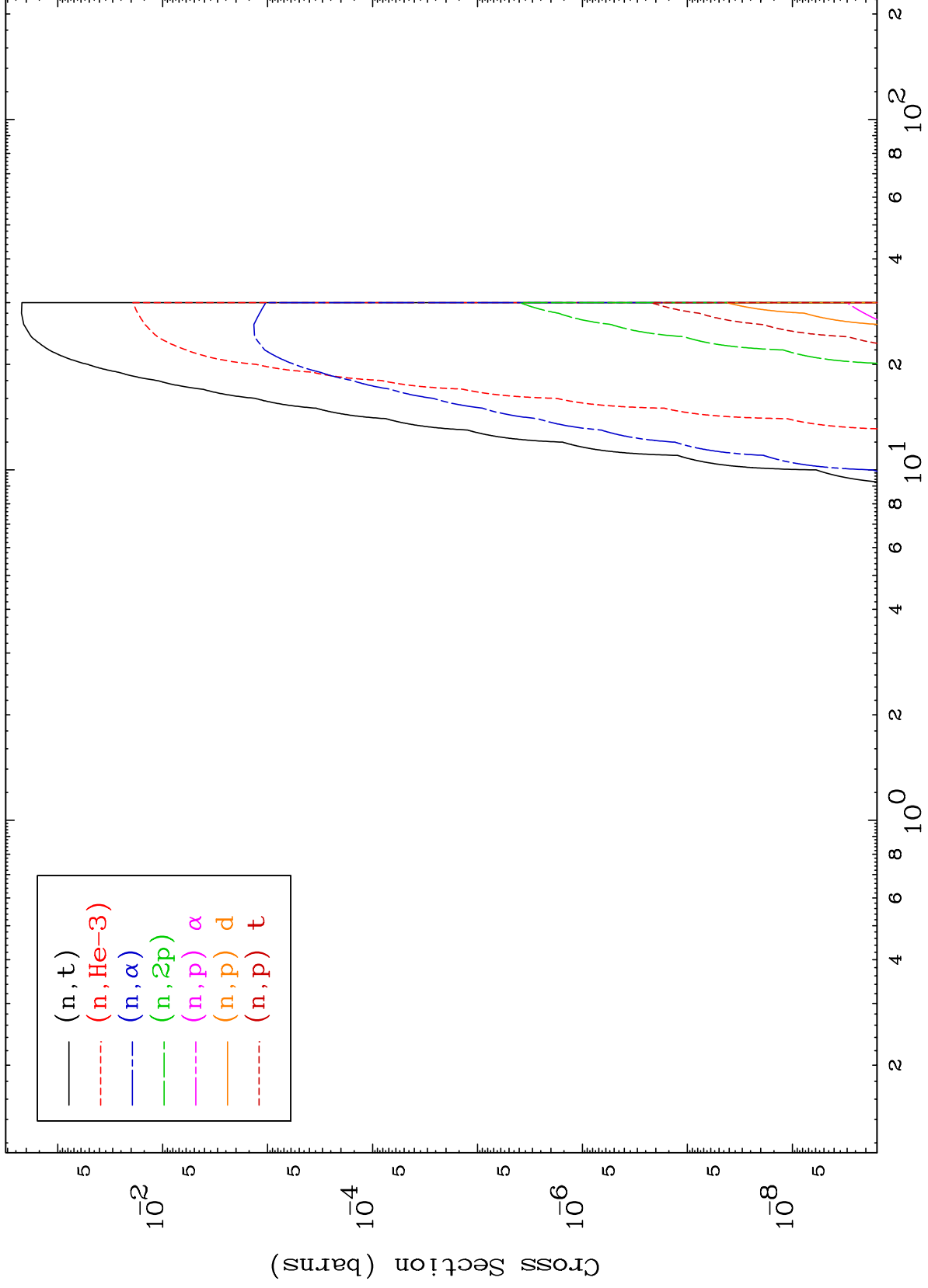
77-Ir-197

Incident Energy (MeV)

MAT 7743

He-3 Neutron Absorption
0 Kelvin Cross Sections

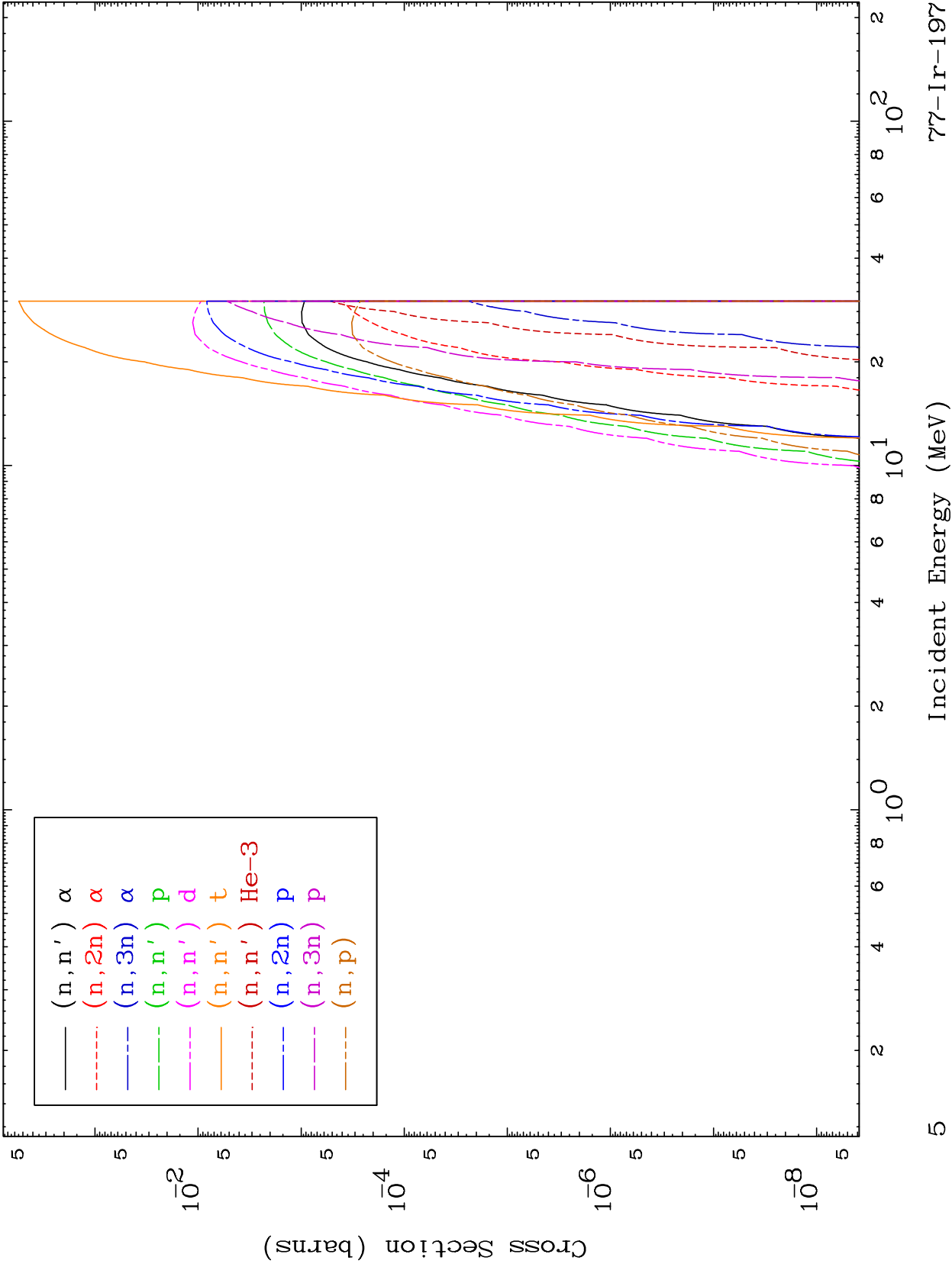
77-Ir-197



MAT 7743

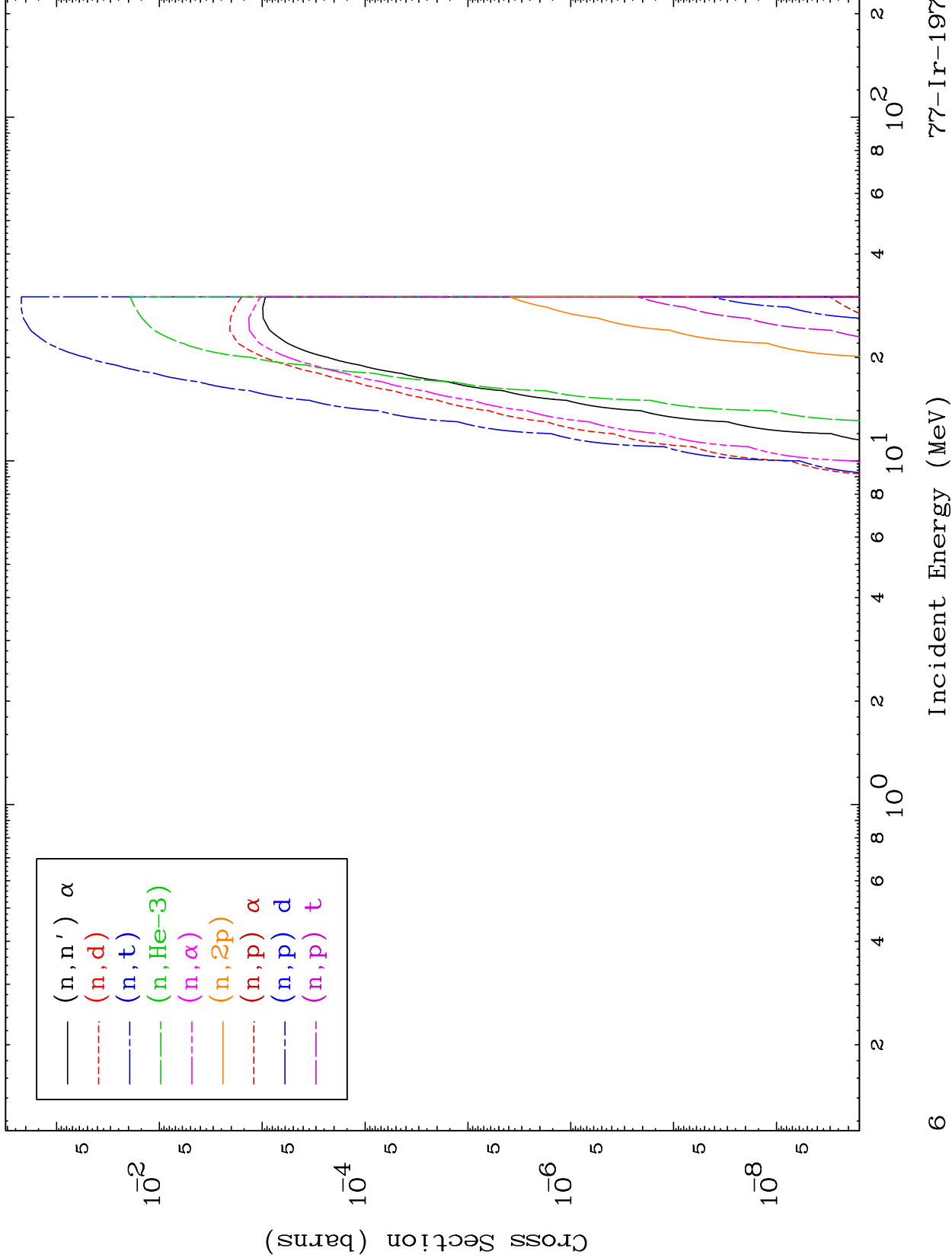
He-3 Charged Particle
0 Kelvin Cross Sections

77-Ir-197



5

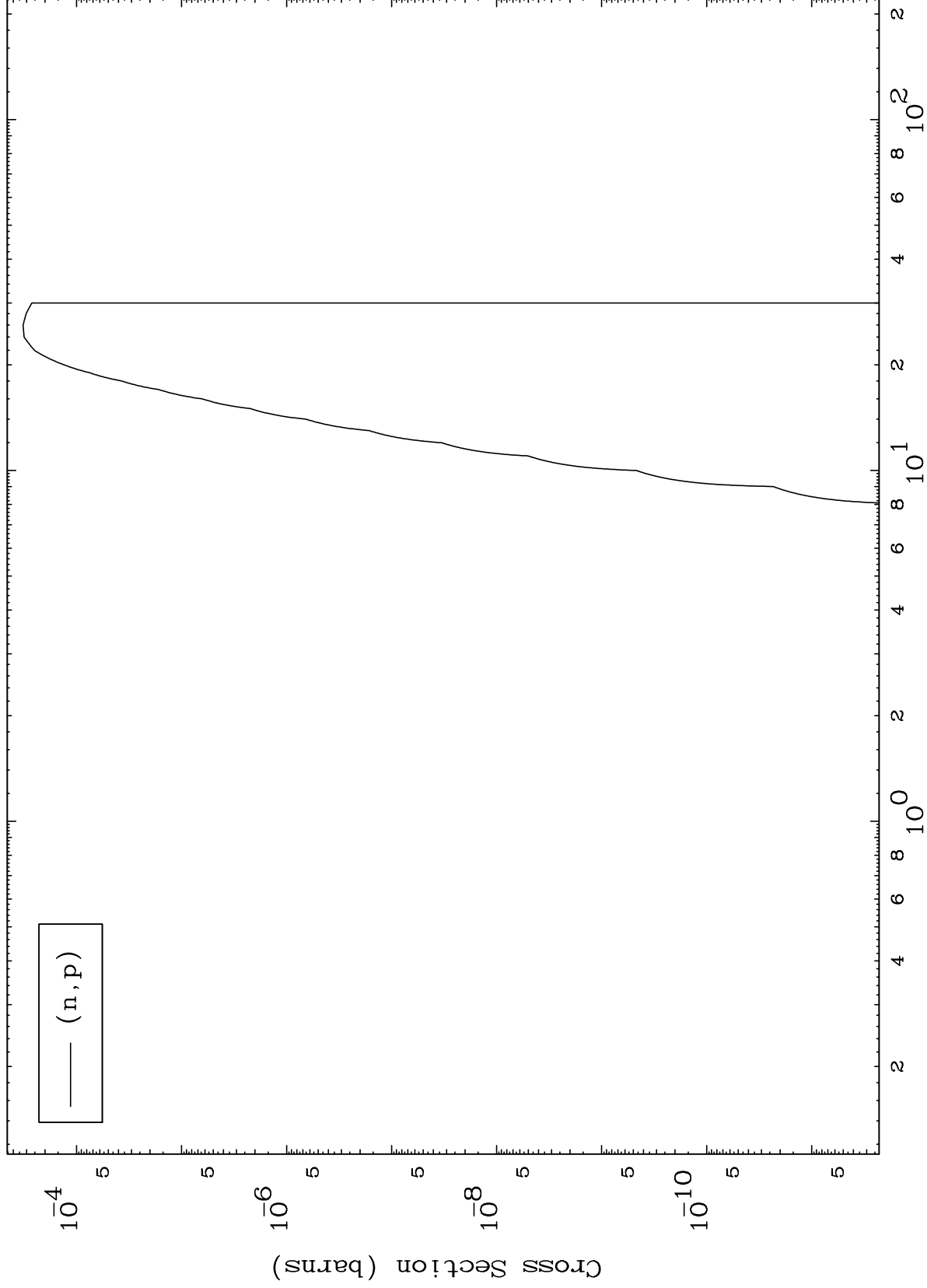
77-Ir-197



MAT 7743

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

77-Ir-197



7

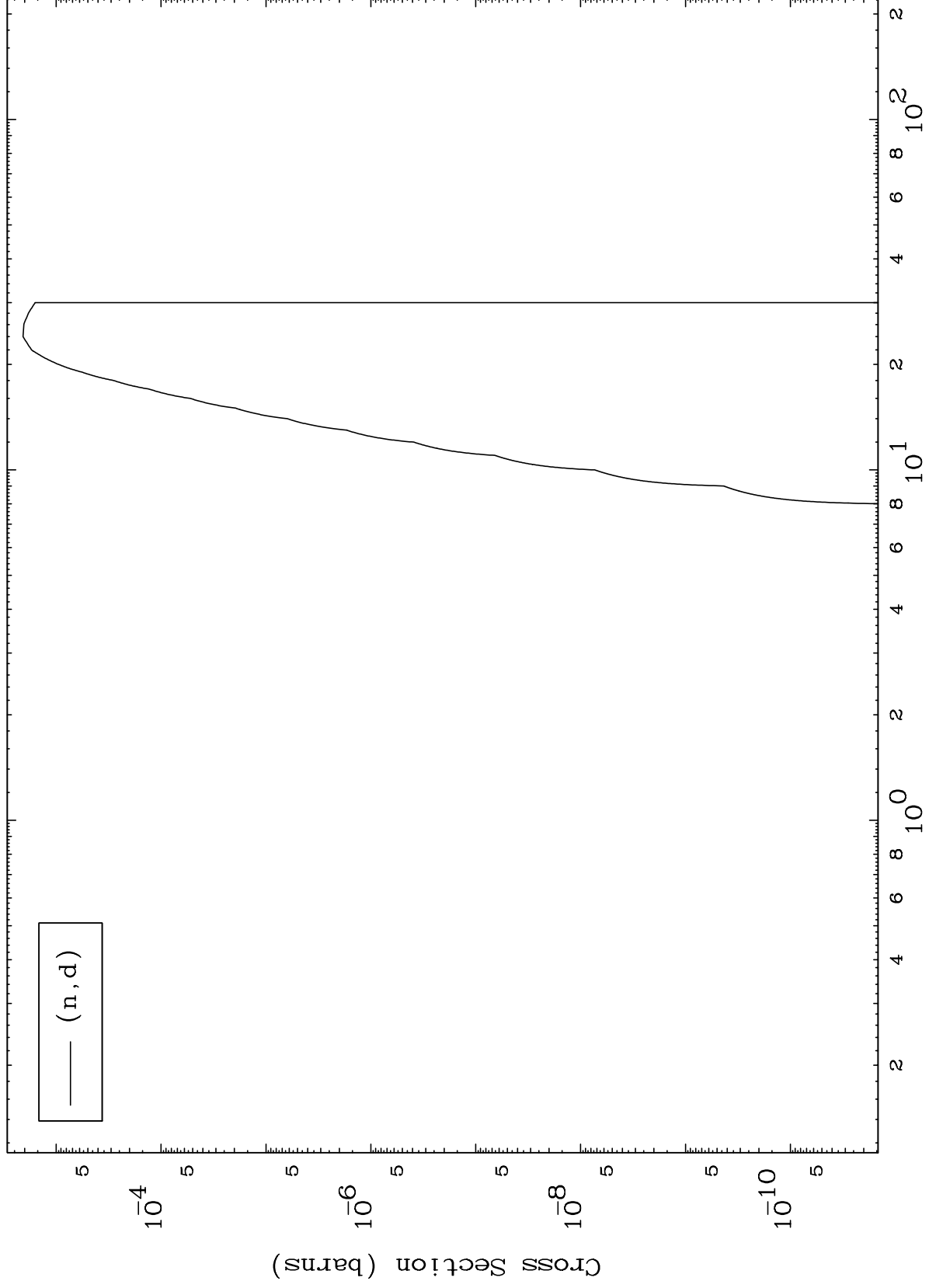
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

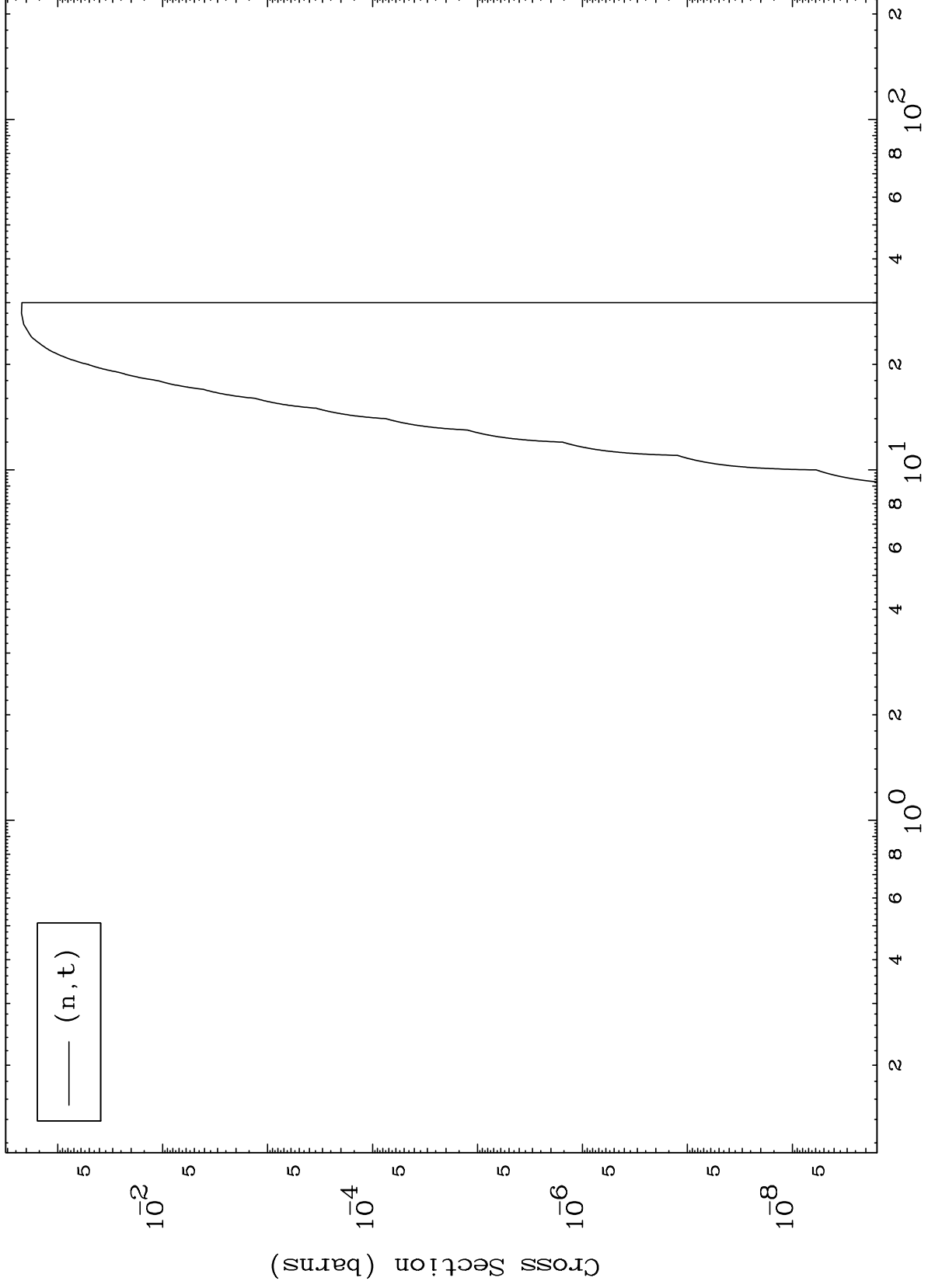
77-Ir-197



MAT 7743

77-Ir-197

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



77-Ir-197

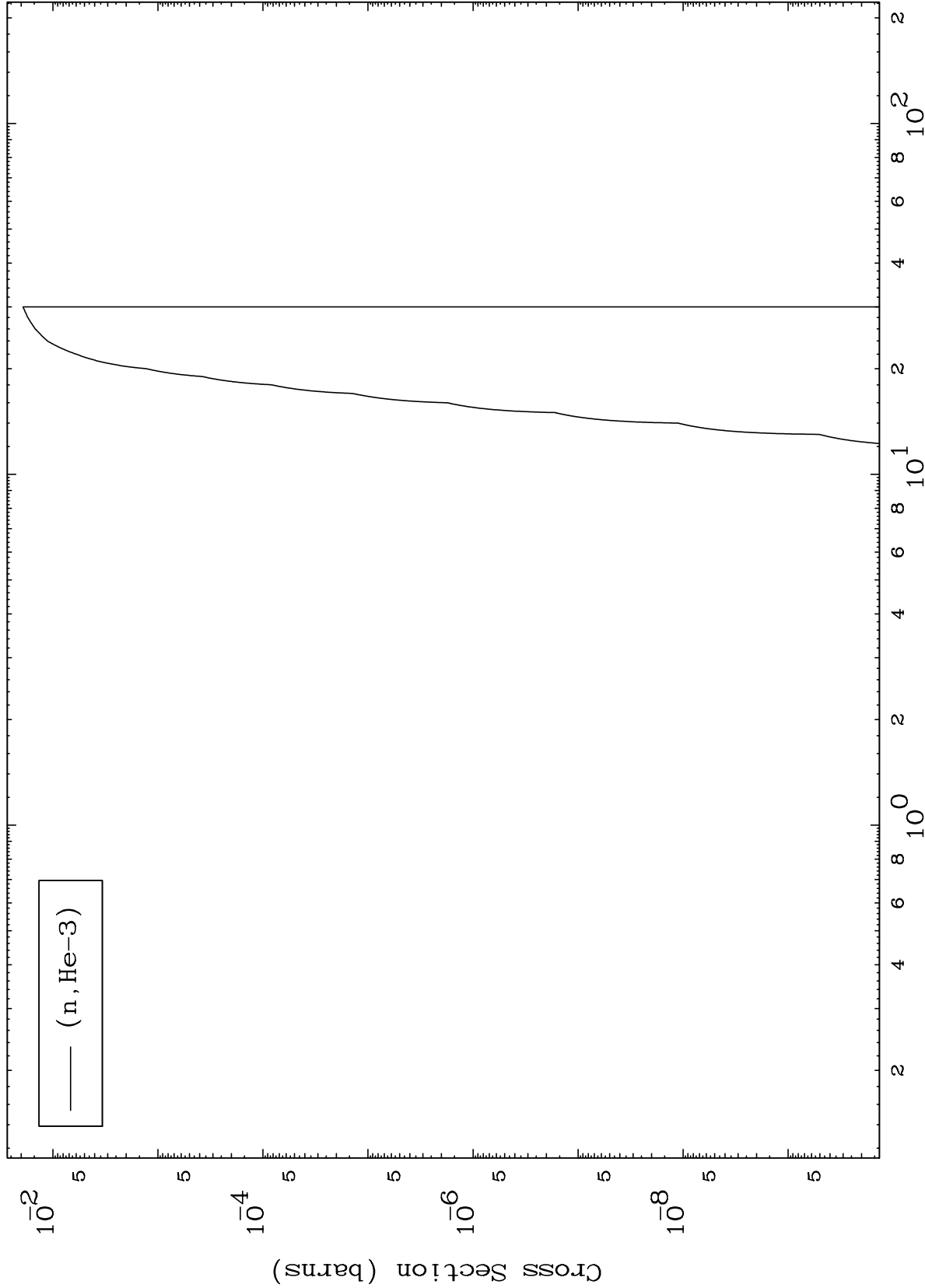
Incident Energy (MeV)

MAT 7743

(He-3, He3) Levels

77-Ir-197

0 Kelvin Cross Sections



10

Incident Energy (MeV)

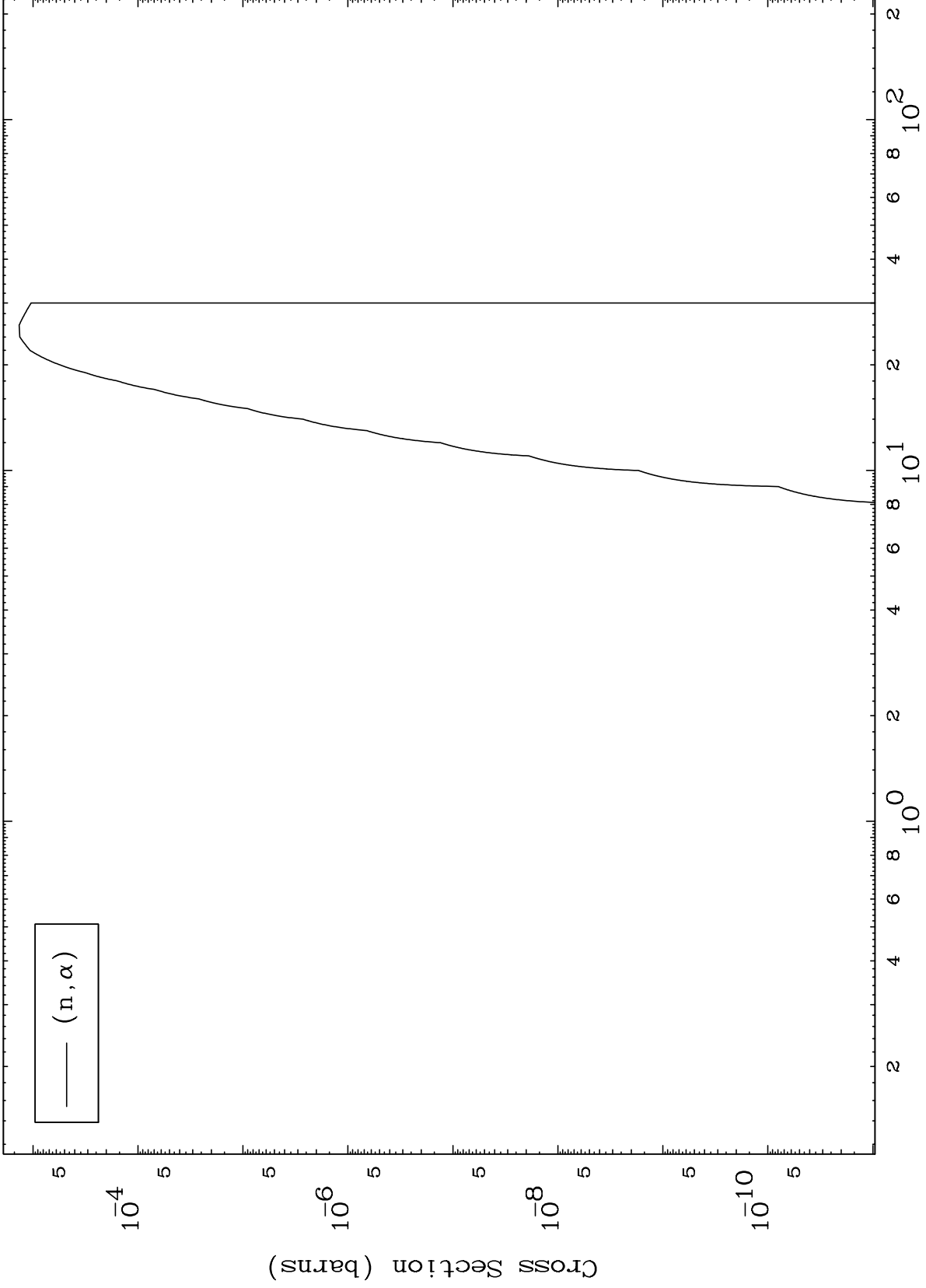
77-Ir-197

MAT 7743

(He-3, α) Levels

77-Ir-197

0 Kelvin Cross Sections

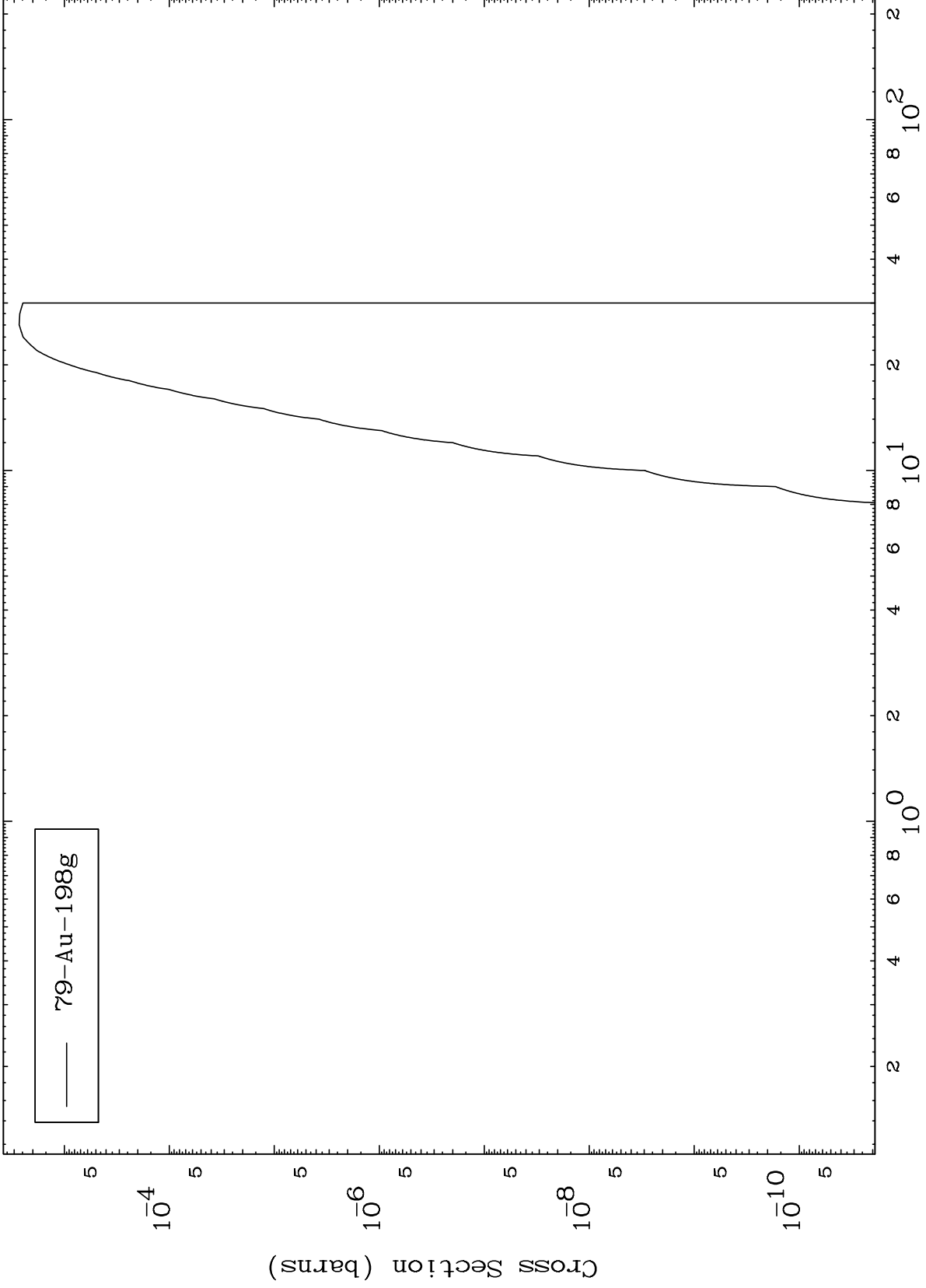


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(n,2n)

77-Ir-197

Radionuclide Production Cross Section



12

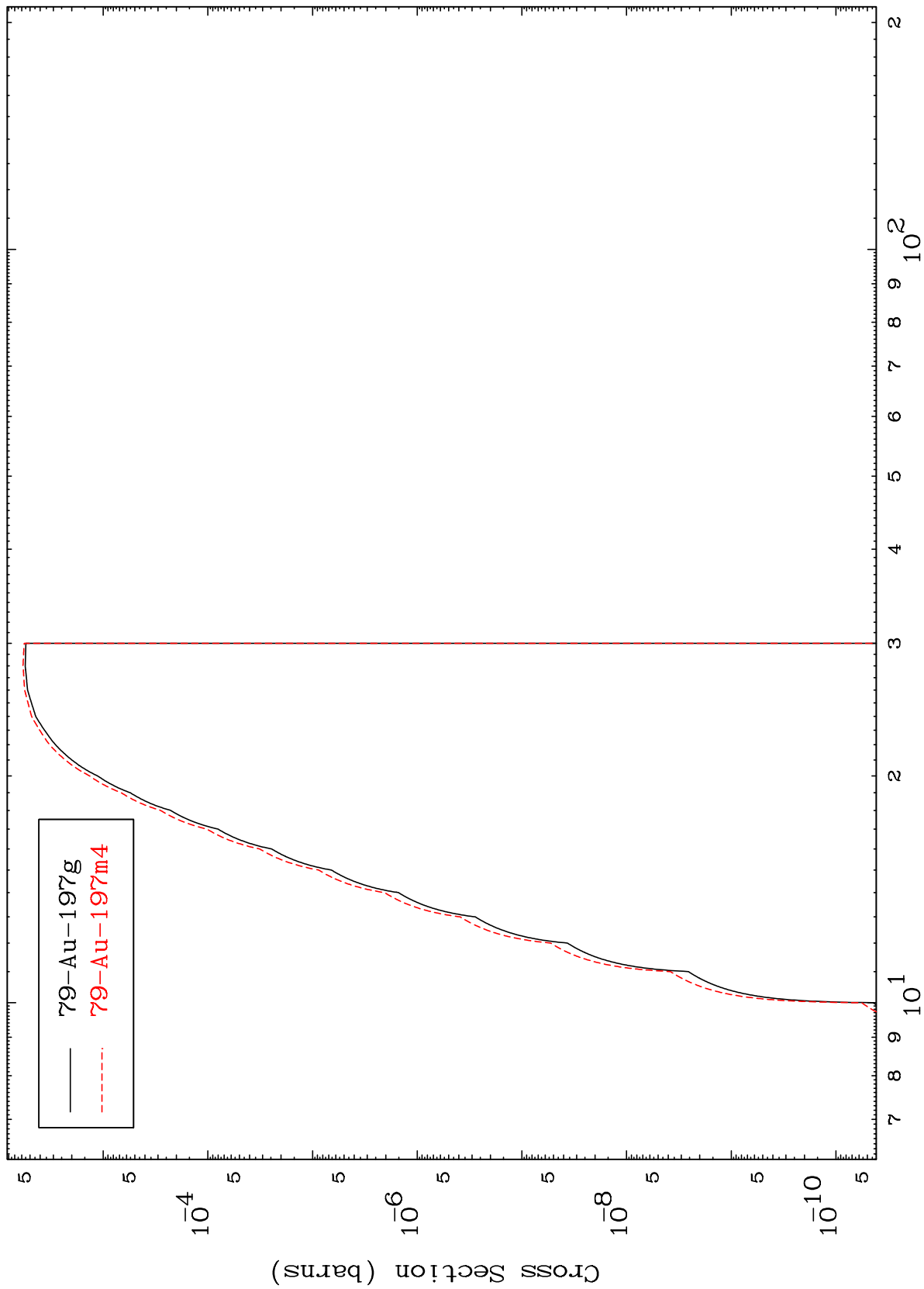
Incident Energy (MeV)

77-Ir-197

MAT 7743

77-Ir-197

Radionuclide Production Cross Section
(n,3n)



Incident Energy (MeV)

77-Ir-197

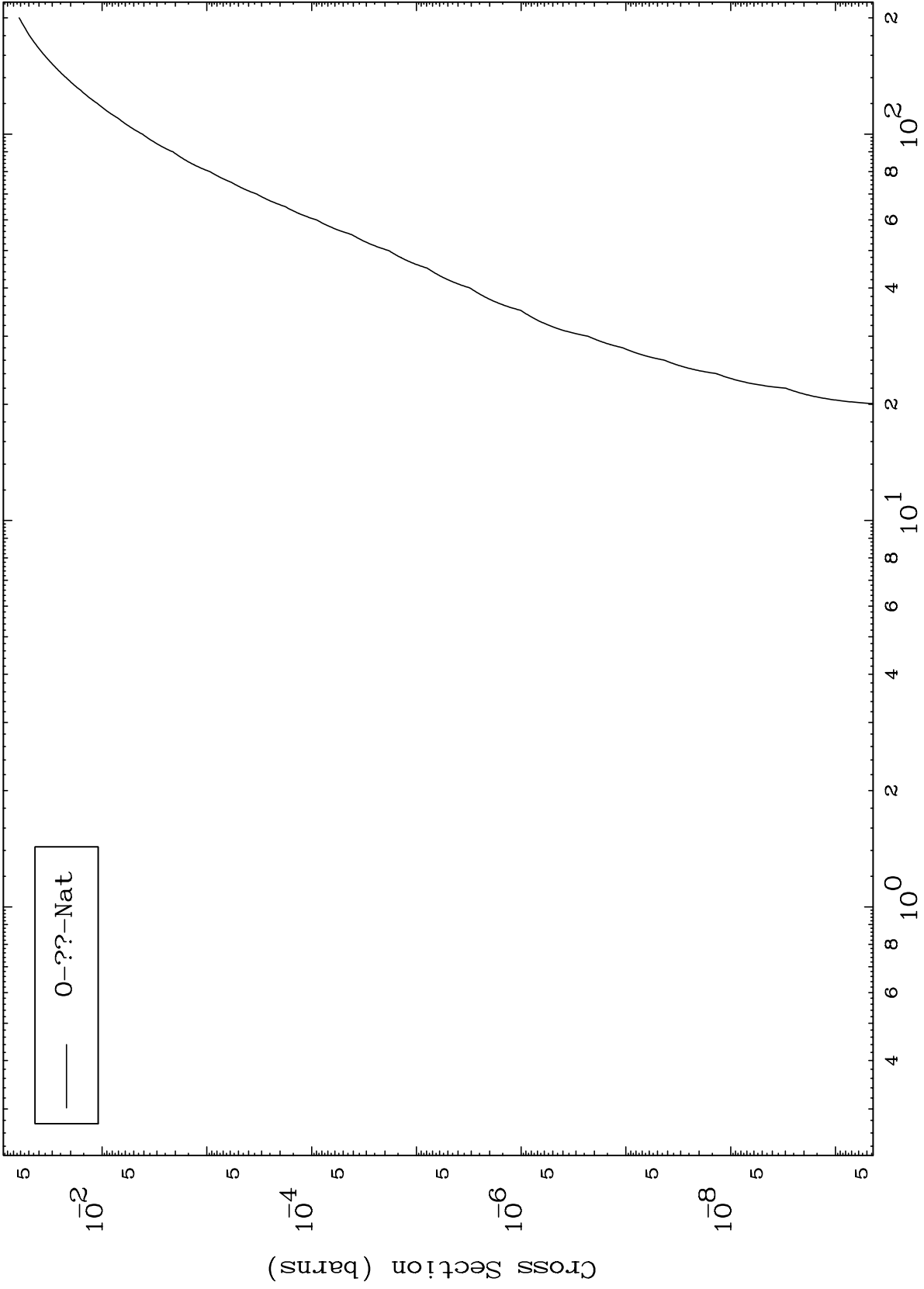
13

MAT 7743

Fission

77-Ir-197

Radionuclide Production Cross Section

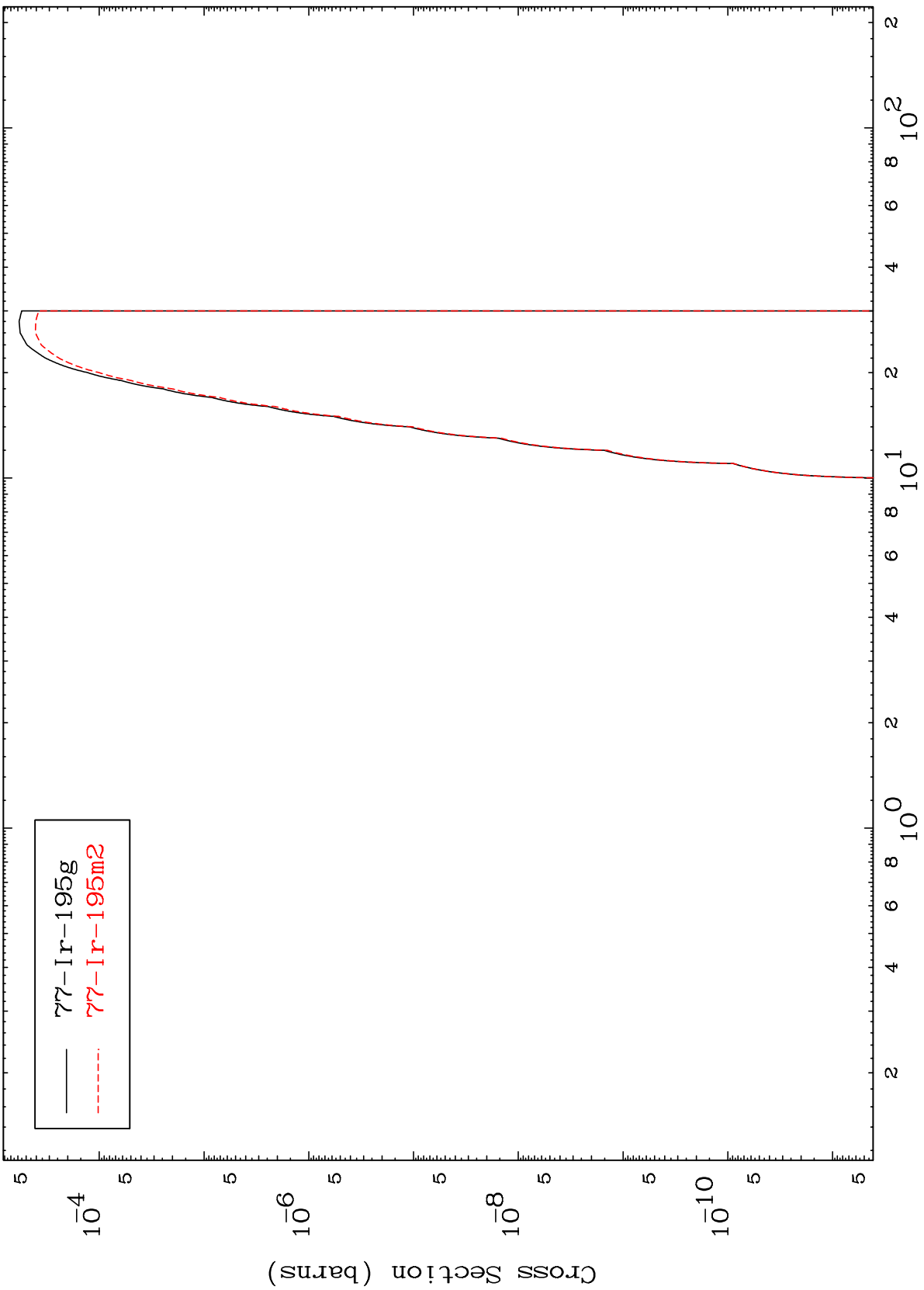


MAT 7743

(n,n') α

77-Ir-197

Radionuclide Production Cross Section



15

Incident Energy (MeV)

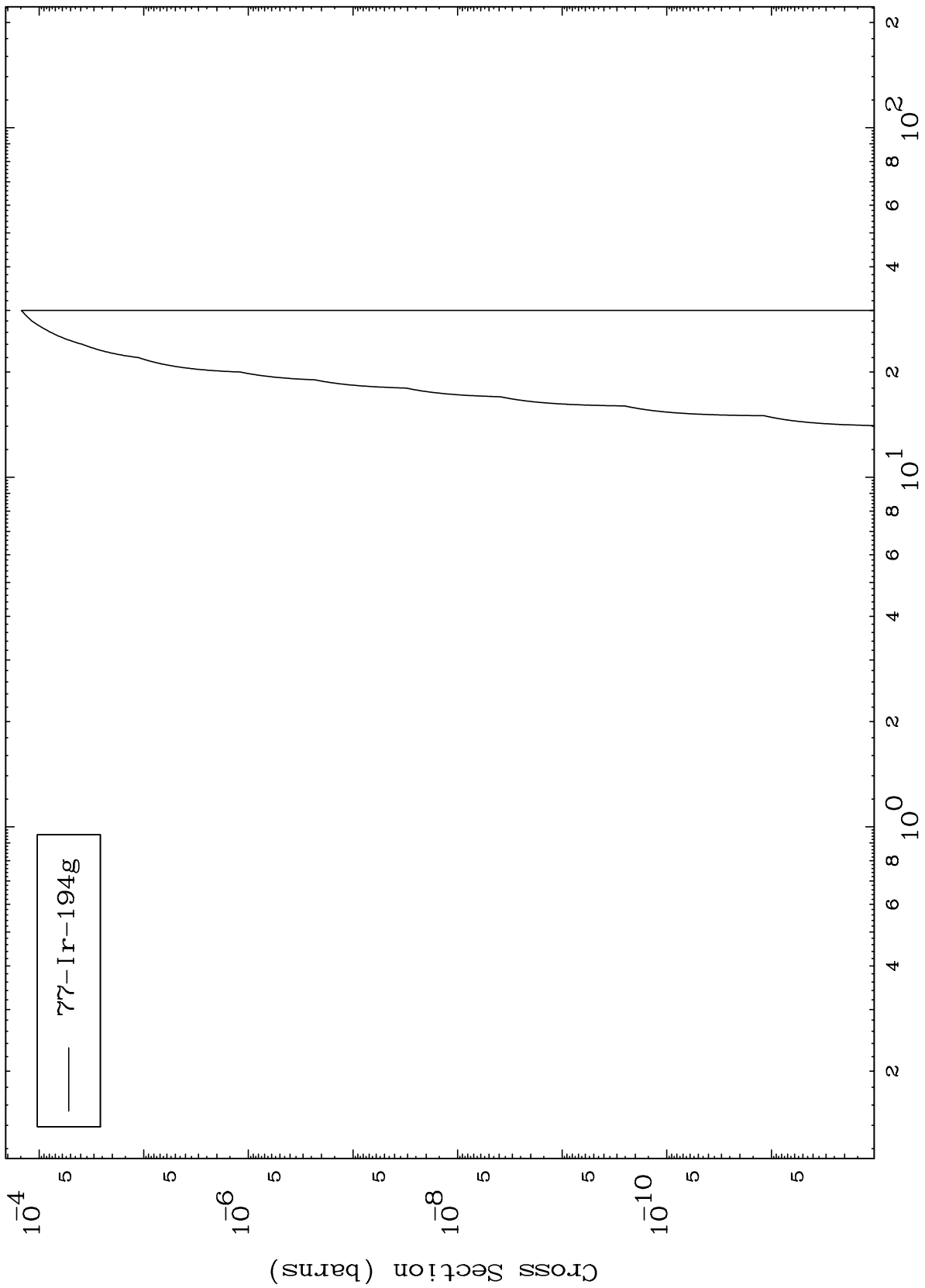
77-Ir-197

MAT 7743

$(n,2n) \alpha$

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

Radionuclide Production Cross Section

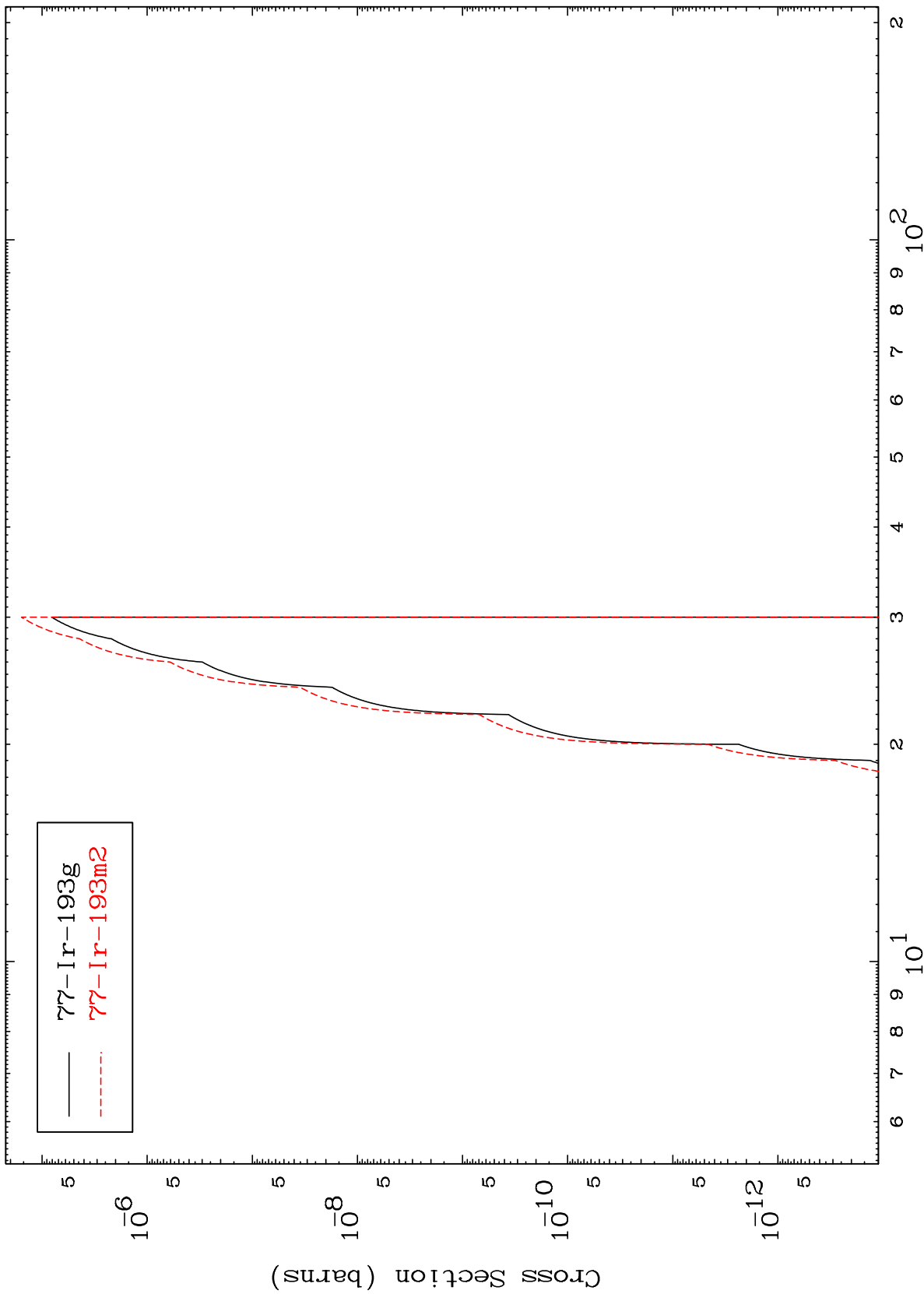


MAT 7743

^{77}Ir α

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

Radionuclide Production Cross Section



17

Incident Energy (MeV)

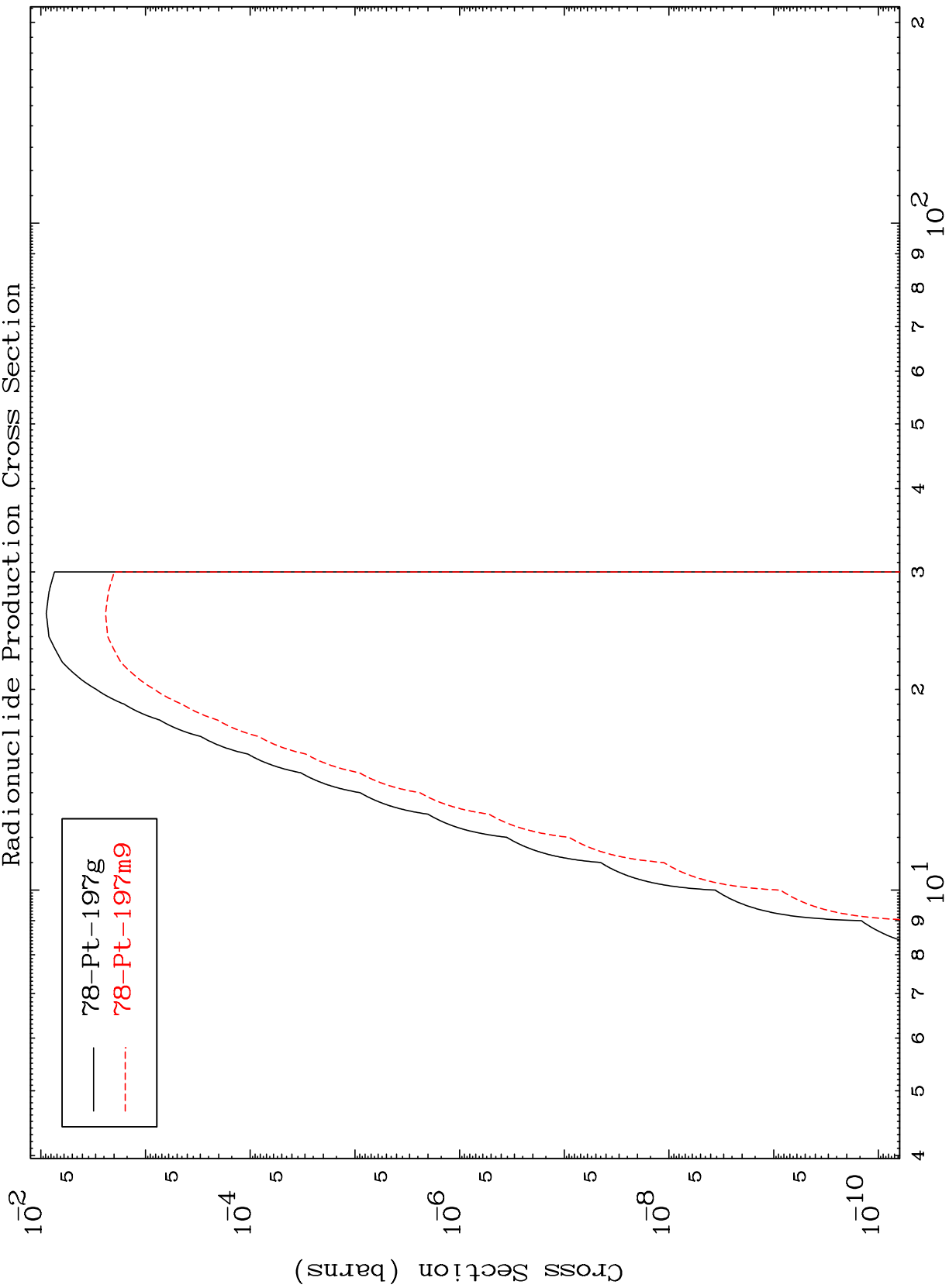
$^{77}\text{Ir-197}$

MAT 7743

(n,n') d

77-Ir-197

Radionuclide Production Cross Section



18

Incident Energy (MeV)

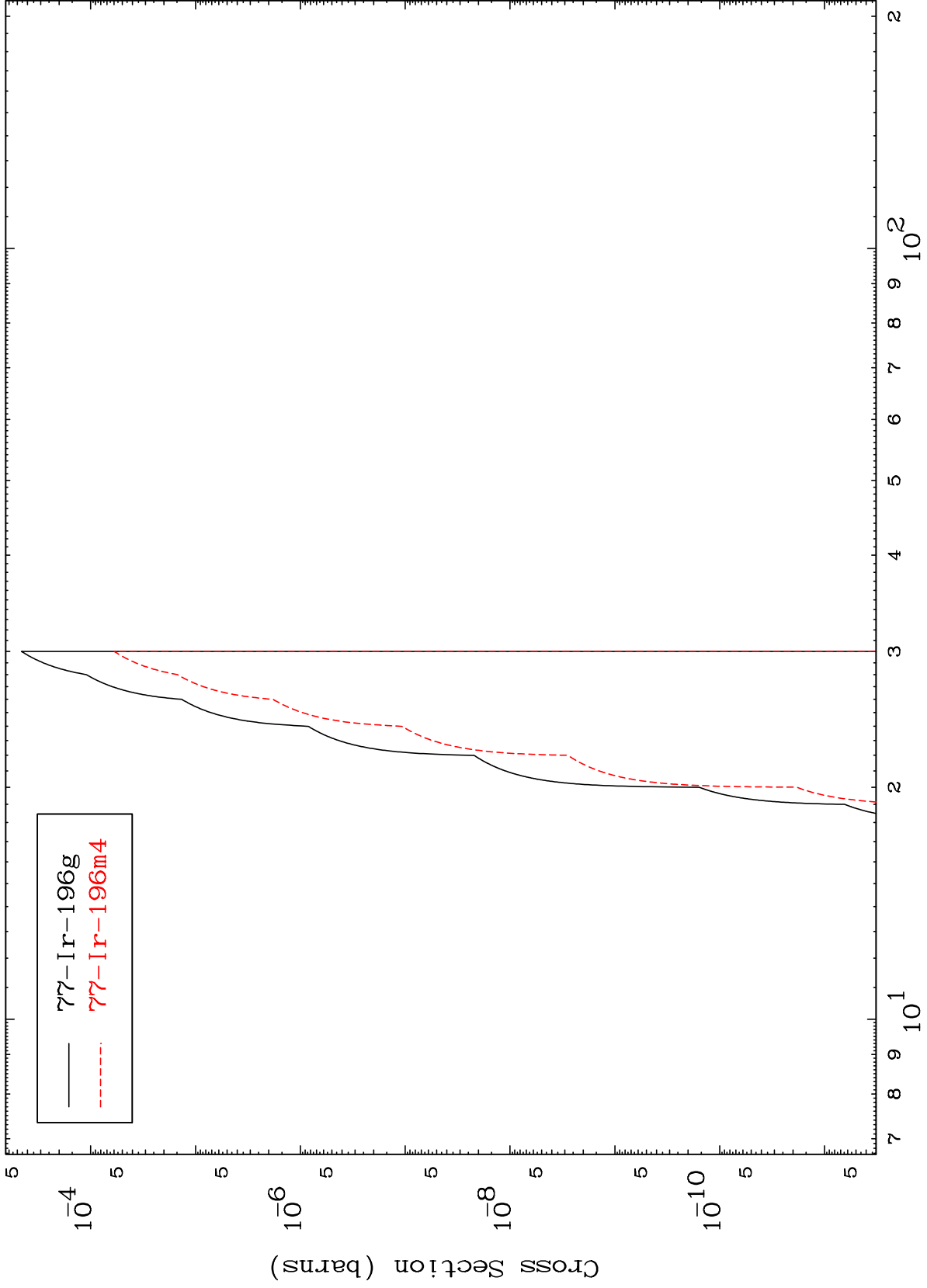
77-Ir-197

MAT 7743

(n,n') He-3

77-Ir-197

Radionuclide Production Cross Section



19

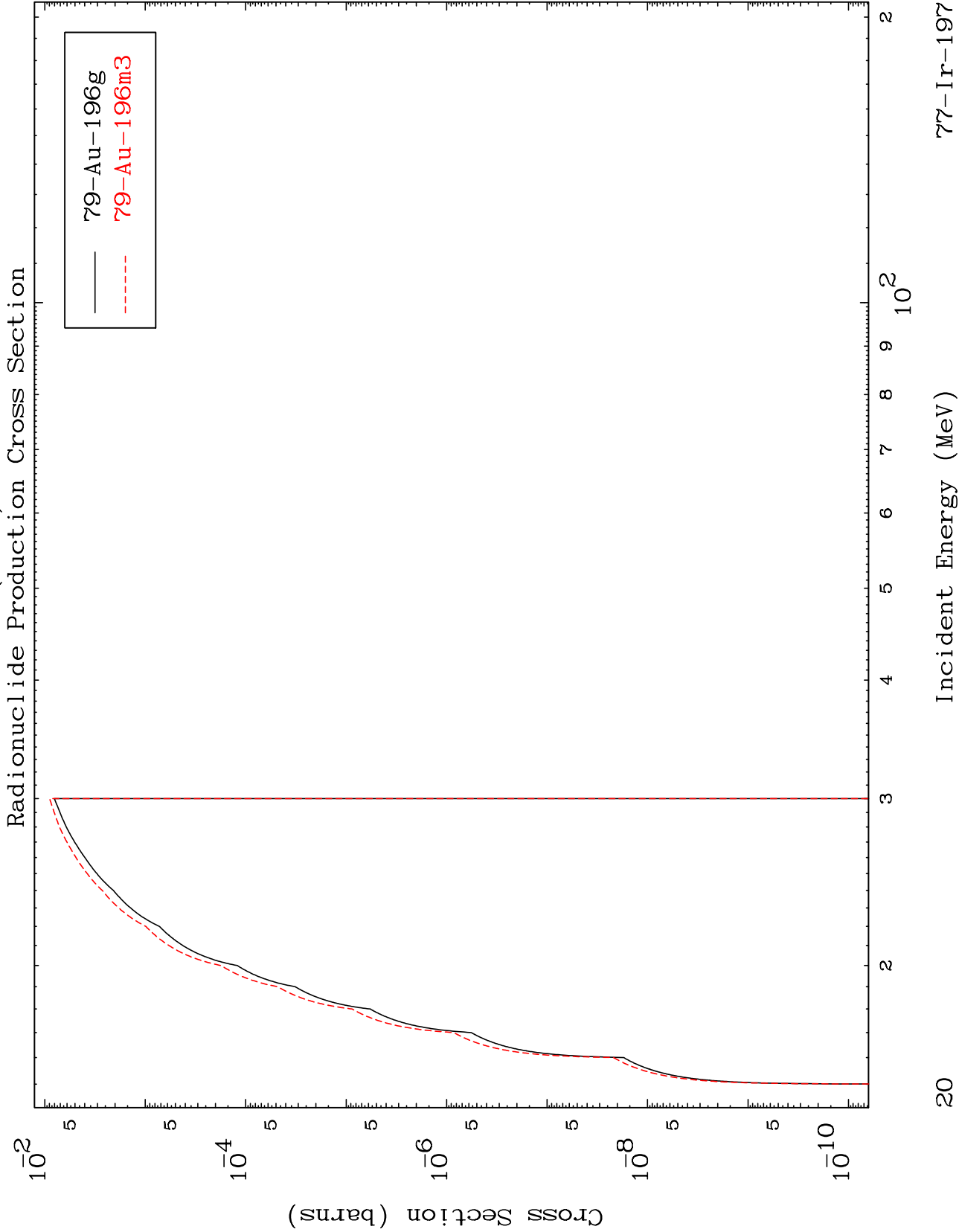
Incident Energy (MeV)

77-Ir-197

MAT 7743

(n,4n)

77-Ir-197



20

Incident Energy (MeV)

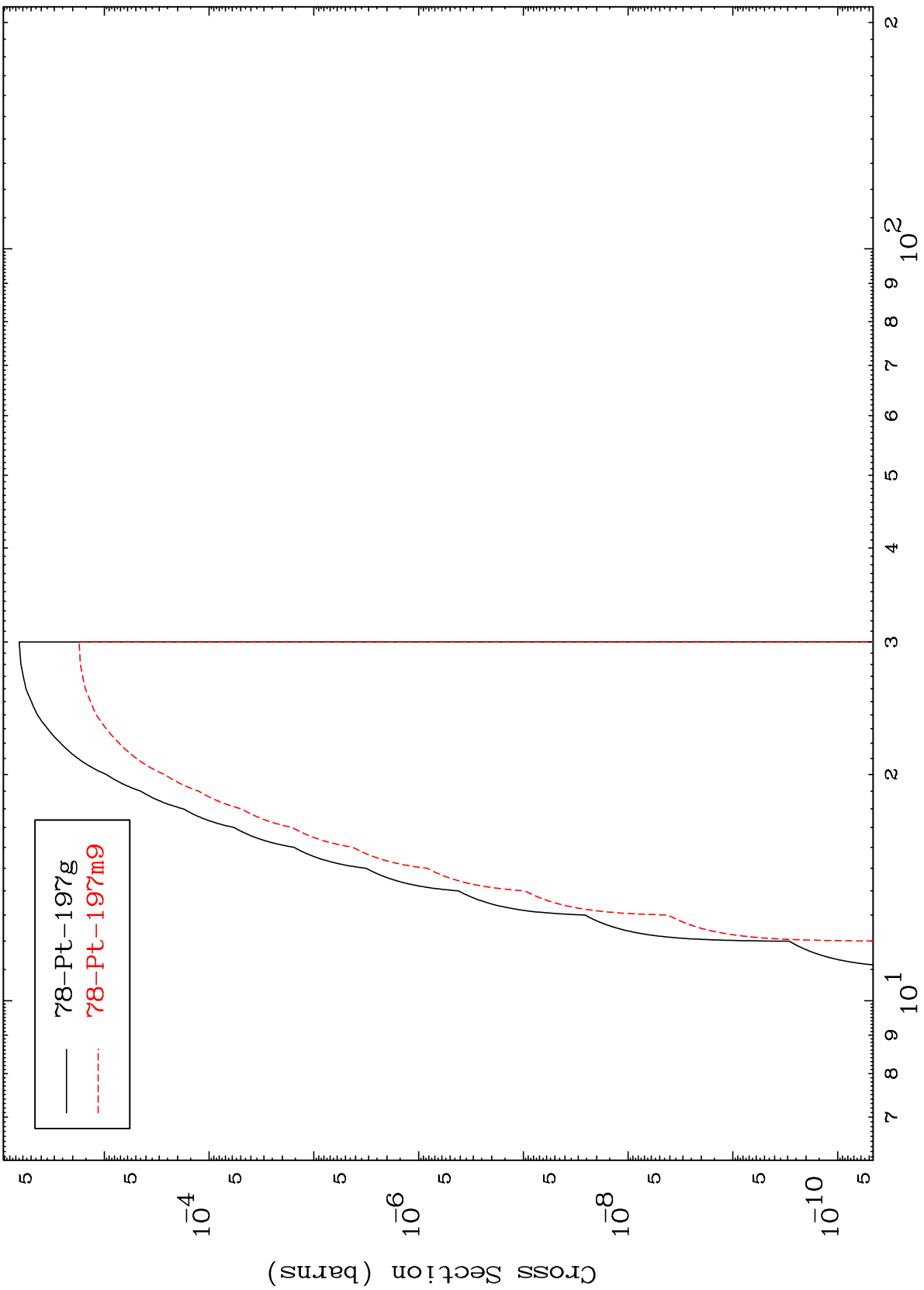
77-Ir-197

MAT 7743

(n,2n) p

⁷⁷Ir-197

Radionuclide Production Cross Section

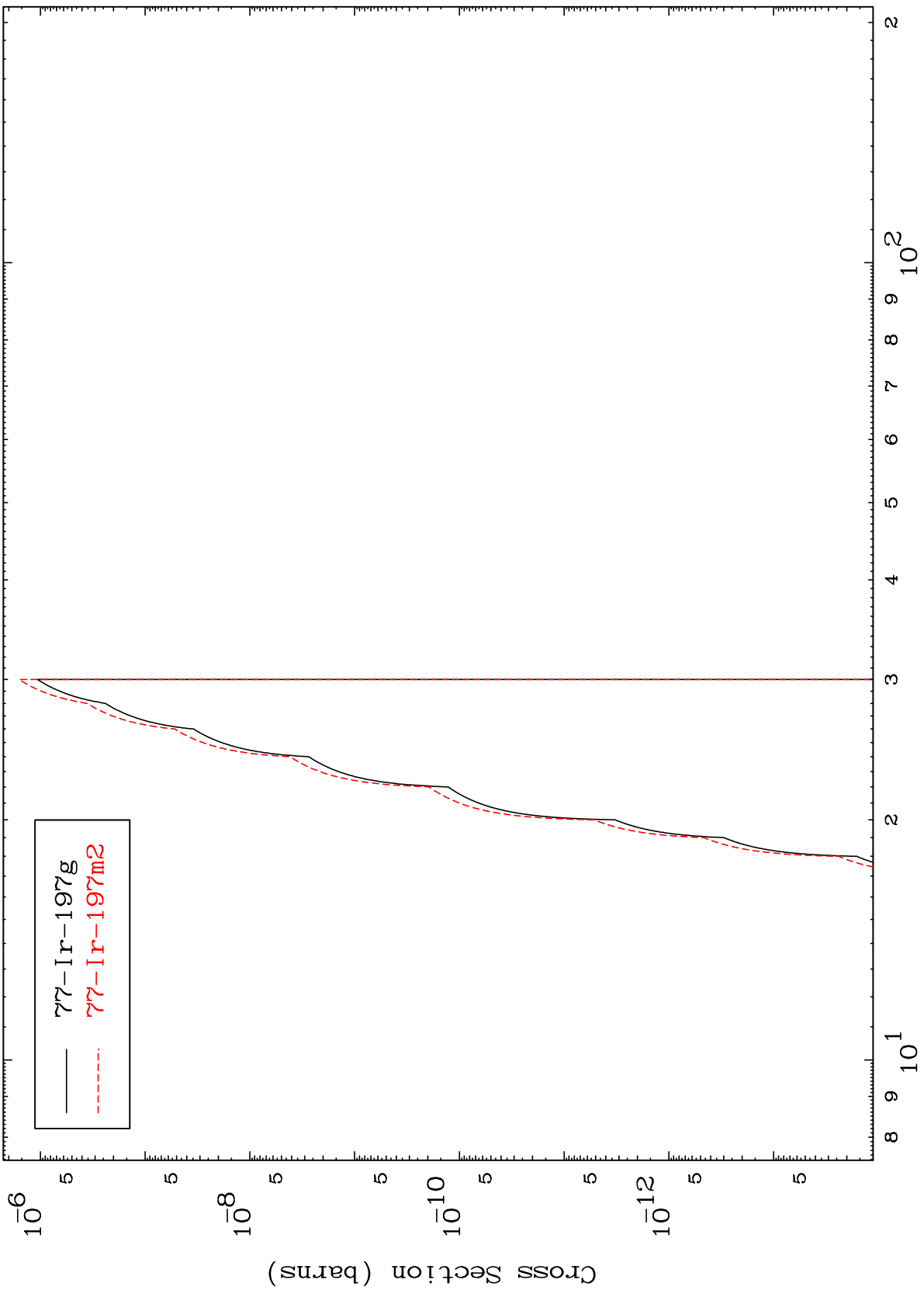


MAT 7743

(n,2n) p

⁷⁷Ir-197

Radionuclide Production Cross Section



— ⁷⁷Ir-197g
- - - ⁷⁷Ir-197m2

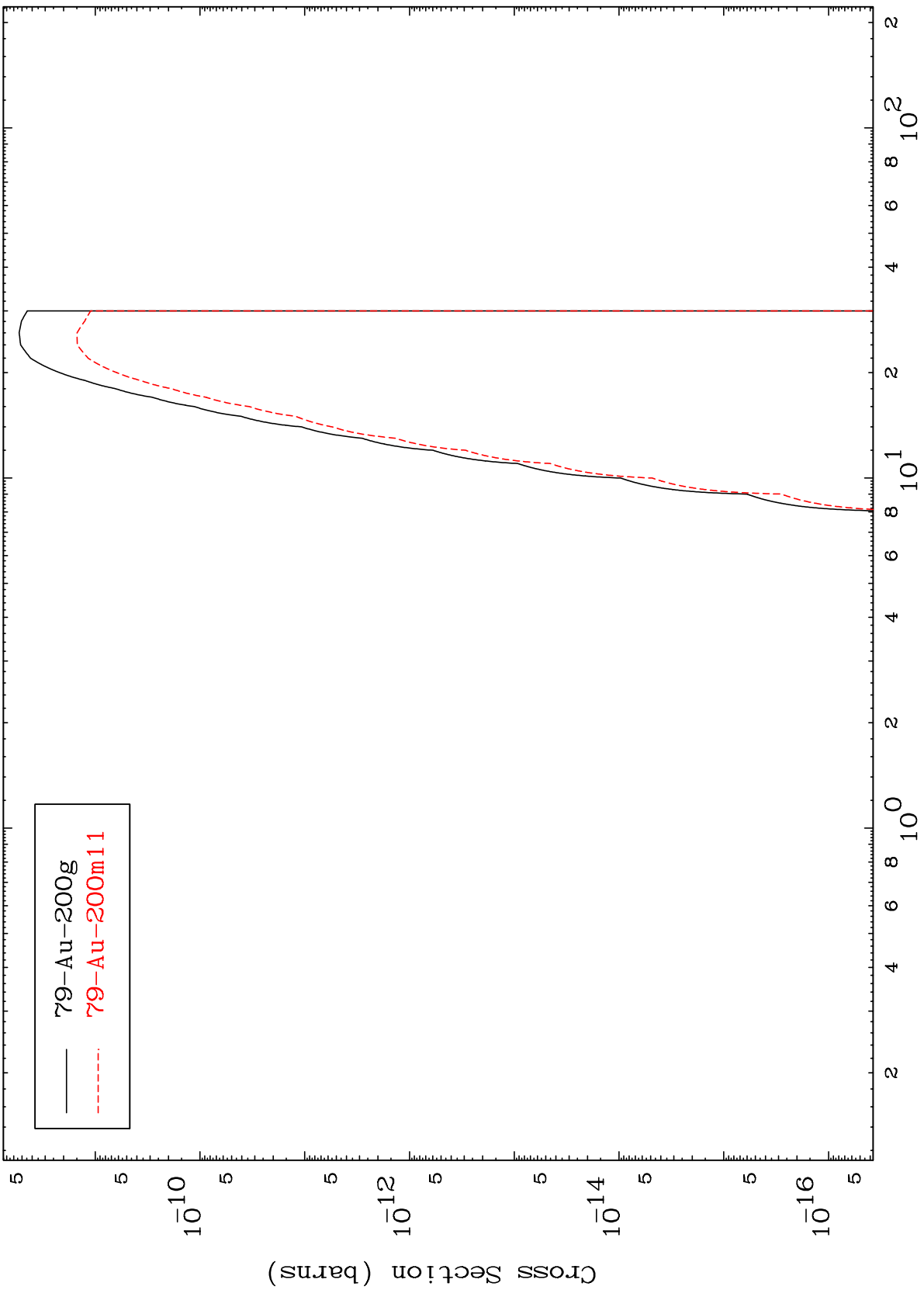
Incident Energy (MeV)

⁷⁷Ir-197

MAT 7743

77-Ir-197

(n, γ)
Radionuclide Production Cross Section



79-Au-200g
79-Au-200m11

77-Ir-197

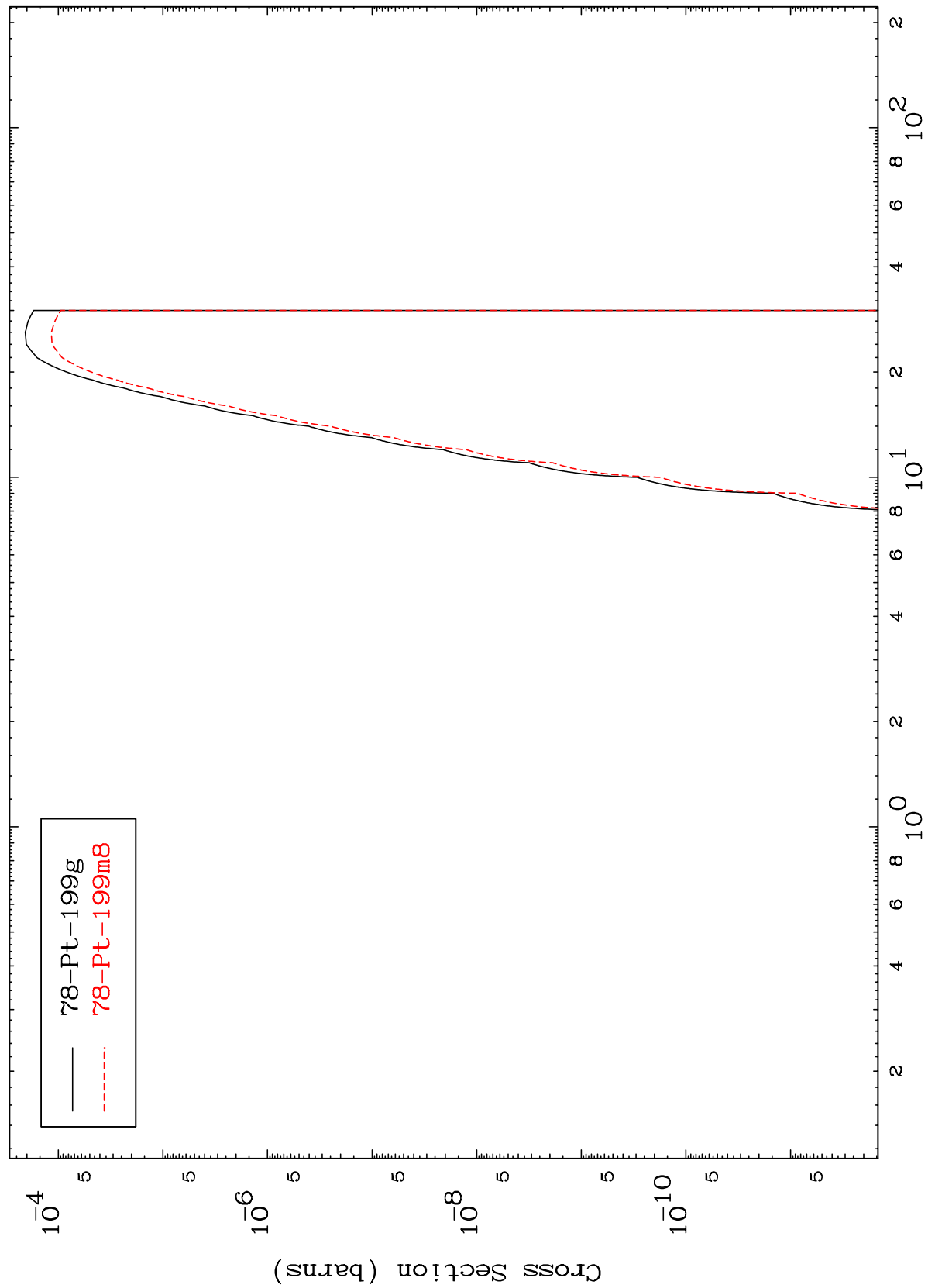
Incident Energy (MeV)

23

MAT 7743

77-Ir-197

(n,p)
Radionuclide Production Cross Section



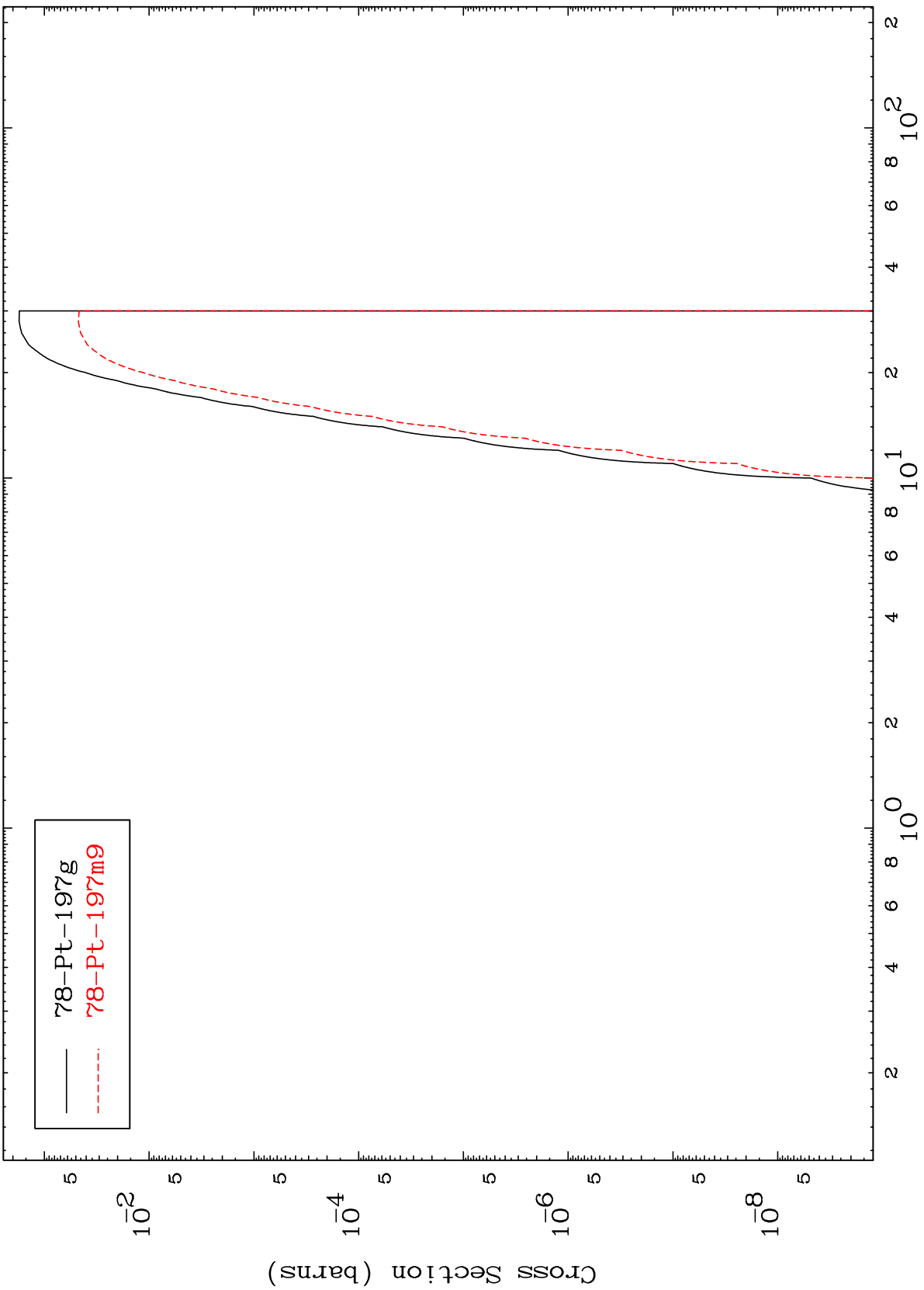
78-Pt-199g
78-Pt-199m8

MAT 7743

(n, t)

⁷⁷Ir-197

Radionuclide Production Cross Section



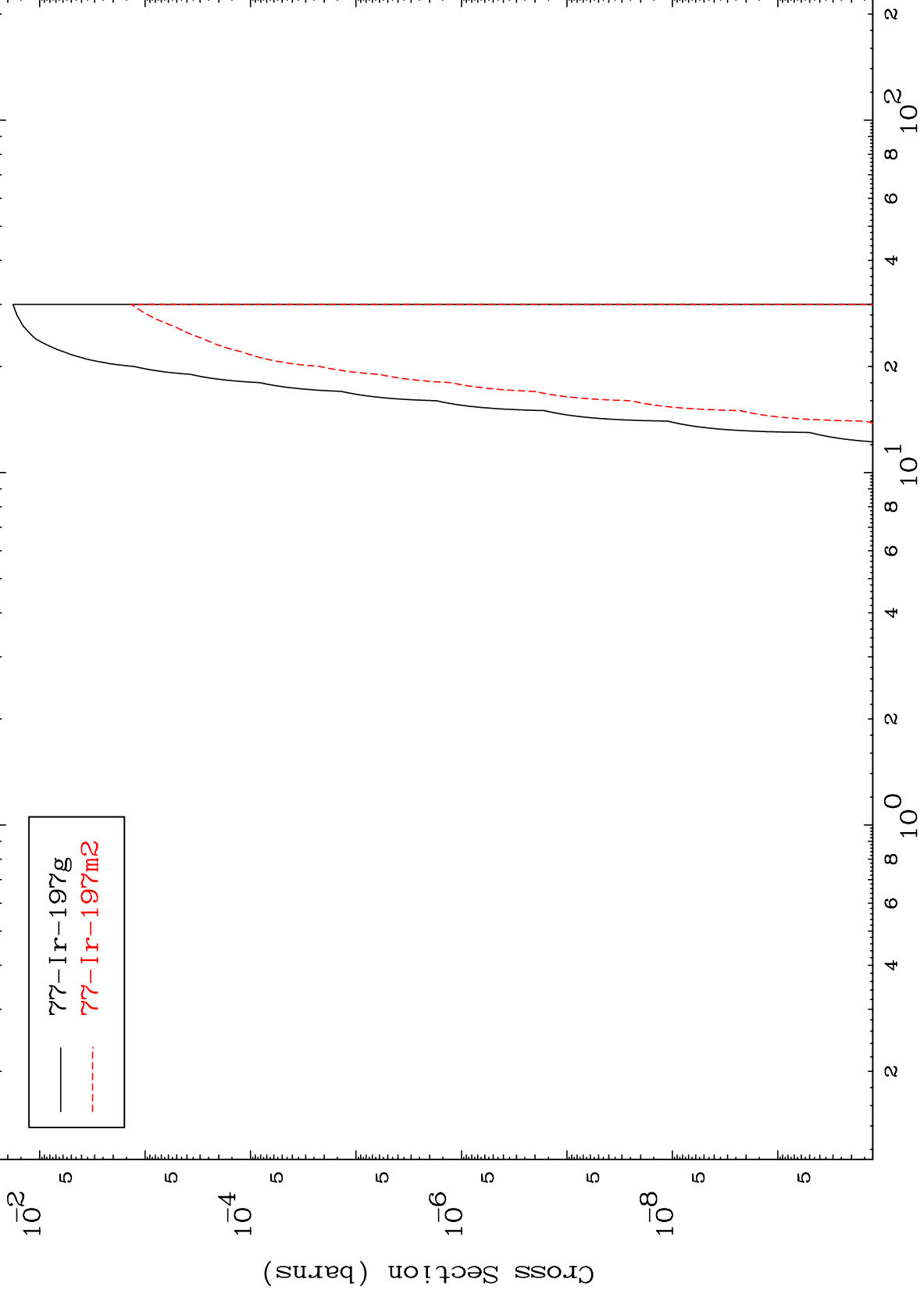
— 78-Pt-197g
- - - 78-Pt-197m9

MAT 7743

(n,He-3)

77-Ir-197

Radionuclide Production Cross Section



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

Incident Energy (MeV)

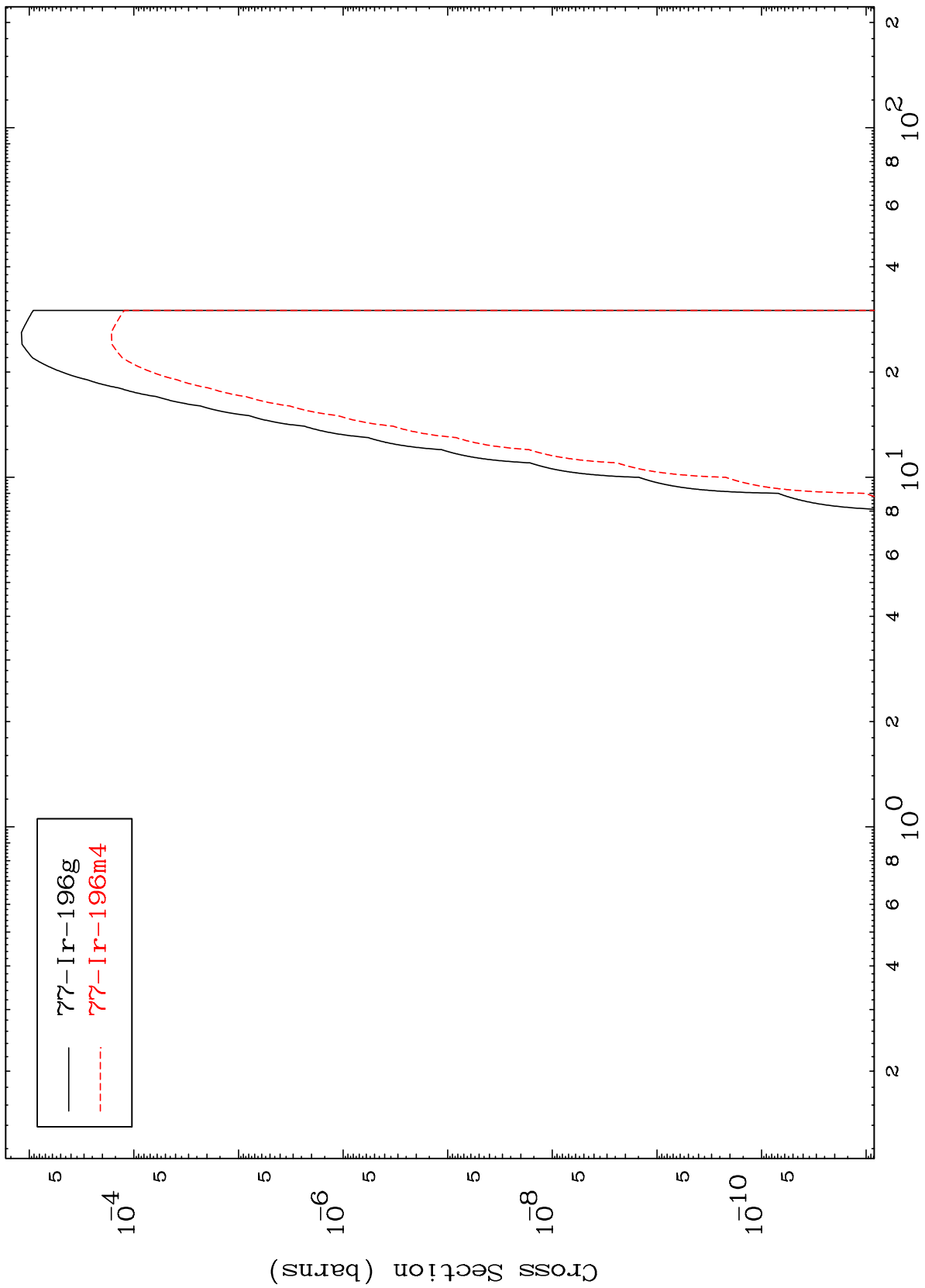
77-Ir-197

26

MAT 7743

⁷⁷Ir-197

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁷Ir-197

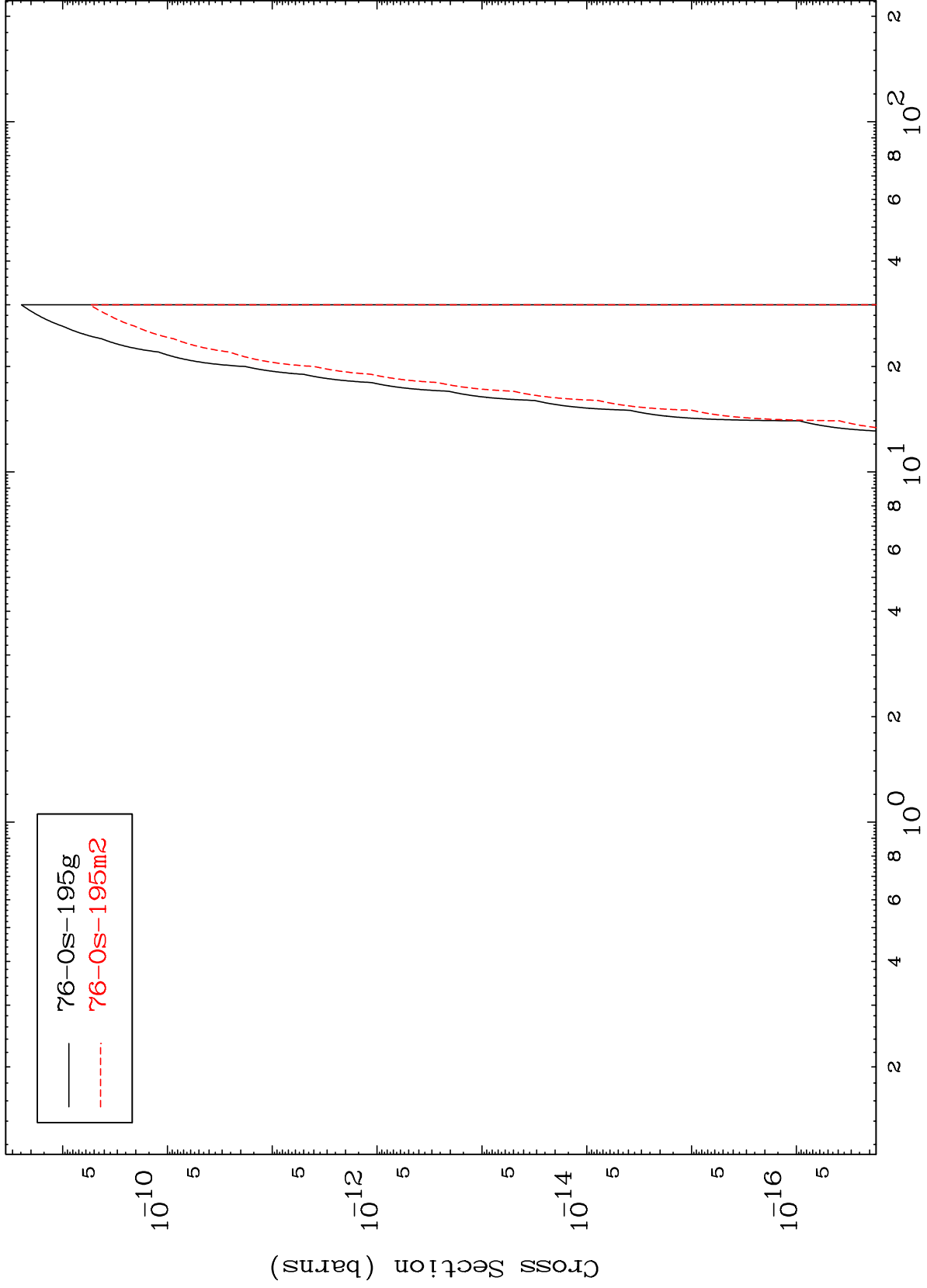
27

MAT 7743

(n,p) α

⁷⁷Ir-197

Radionuclide Production Cross Section

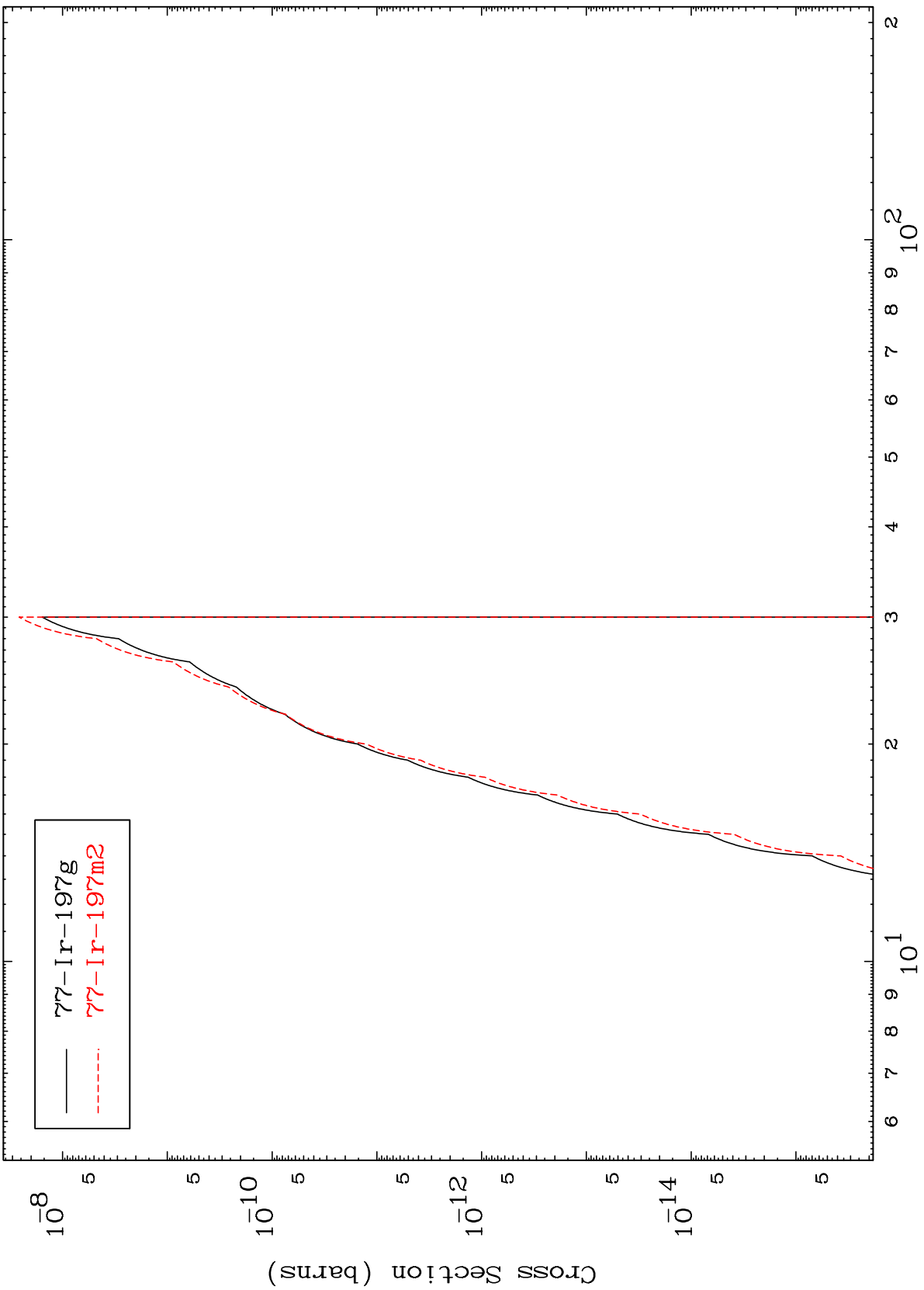


MAT 7743

(n,p) d

⁷⁷Ir-197

Radionuclide Production Cross Section



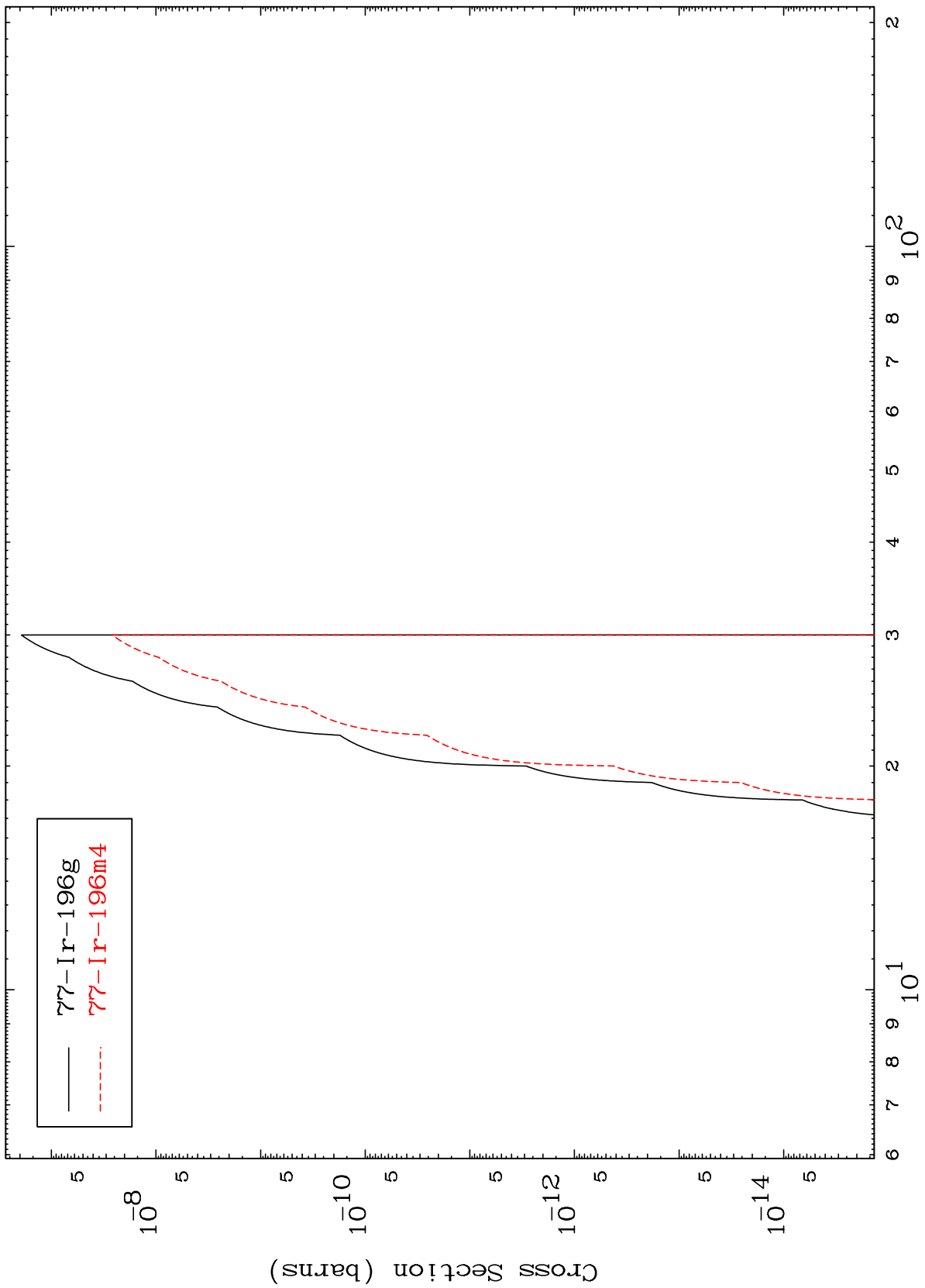
— ⁷⁷Ir-197g
- - - ⁷⁷Ir-197m2

MAT 7743

(n,p) t

77-Ir-197

Radionuclide Production Cross Section



77-Ir-196g
77-Ir-196m4

30

Incident Energy (MeV)

77-Ir-197