

Program EVALPLOT
(Version 2021-1)

by

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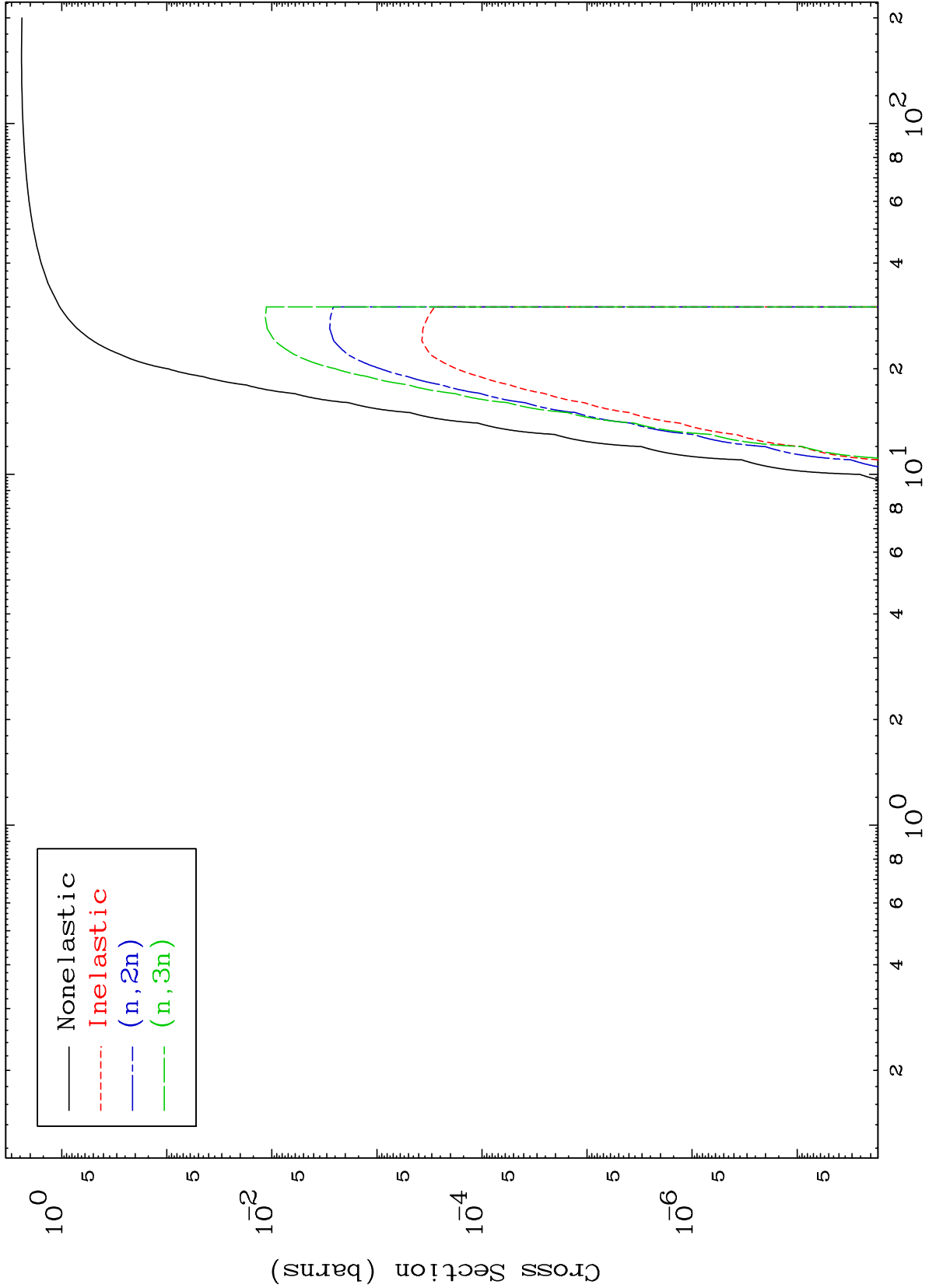
Press Mouse Button to Start

MAT 7743

He-3 Major

0 Kelvin Cross Sections

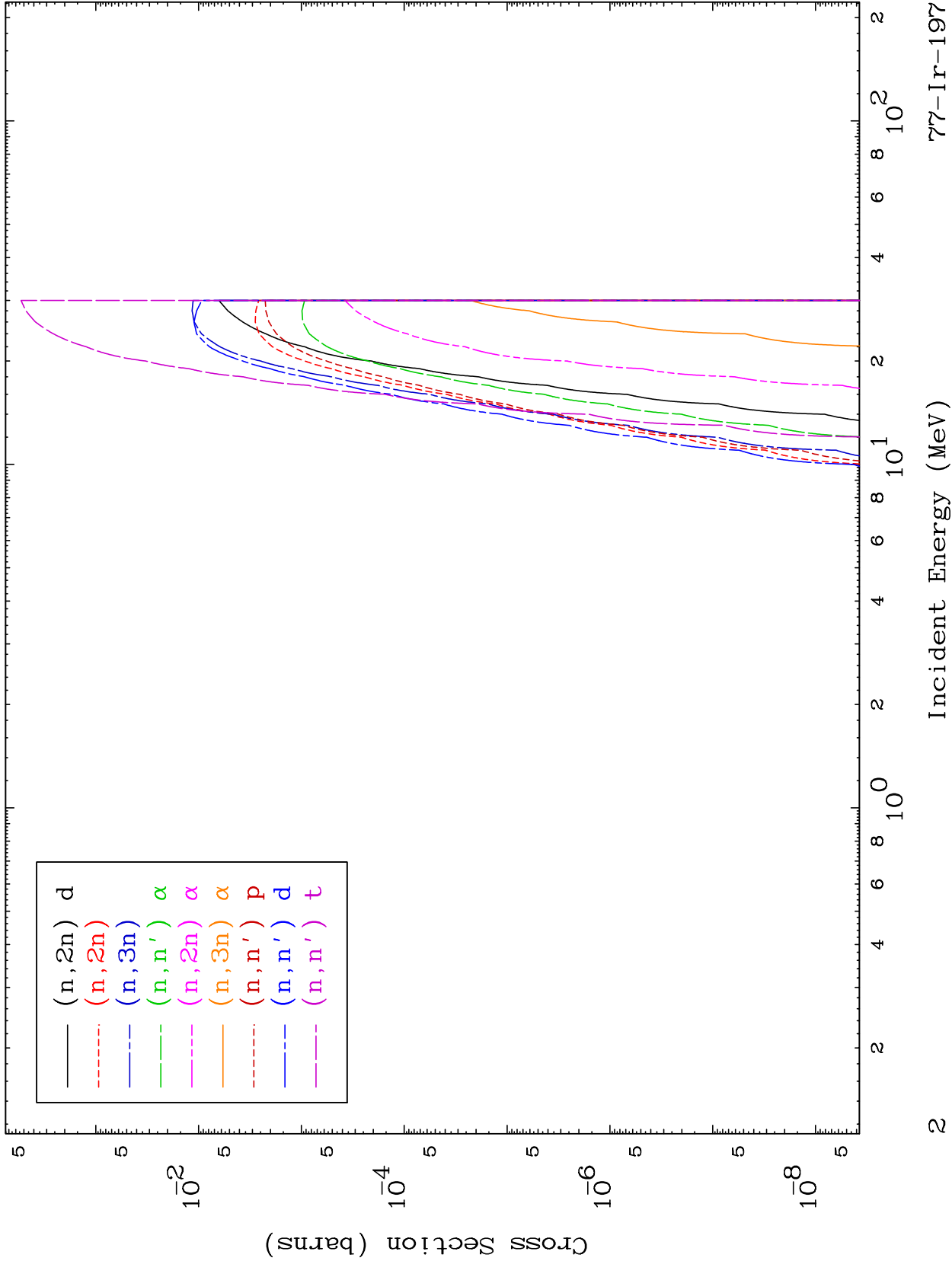
77-Ir-197



MAT 7743

He-3 Neutron Absorption
0 Kelvin Cross Sections

77-Ir-197



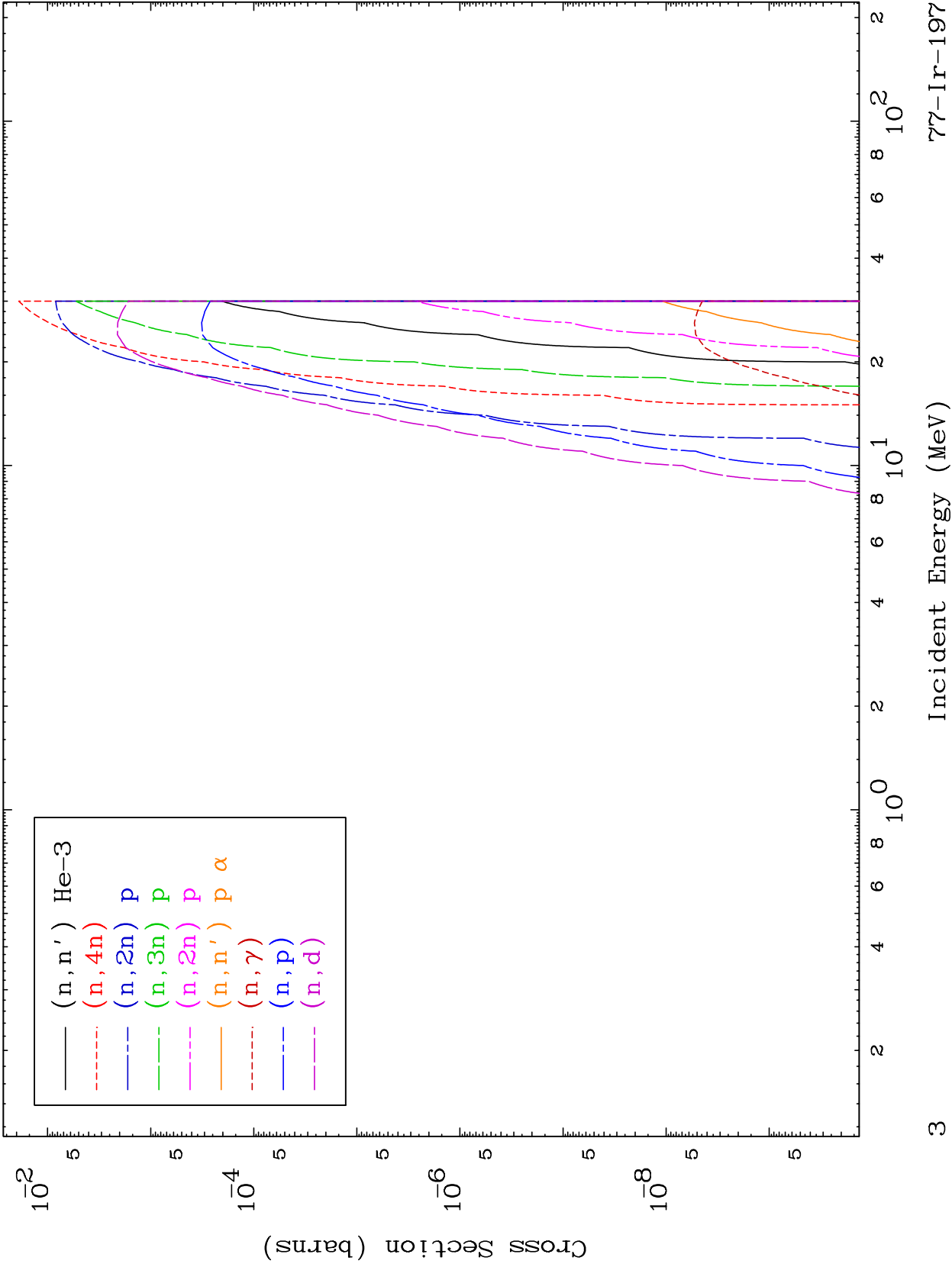
77-Ir-197

Incident Energy (MeV)

MAT 7743

He-3 Neutron Absorption
0 Kelvin Cross Sections

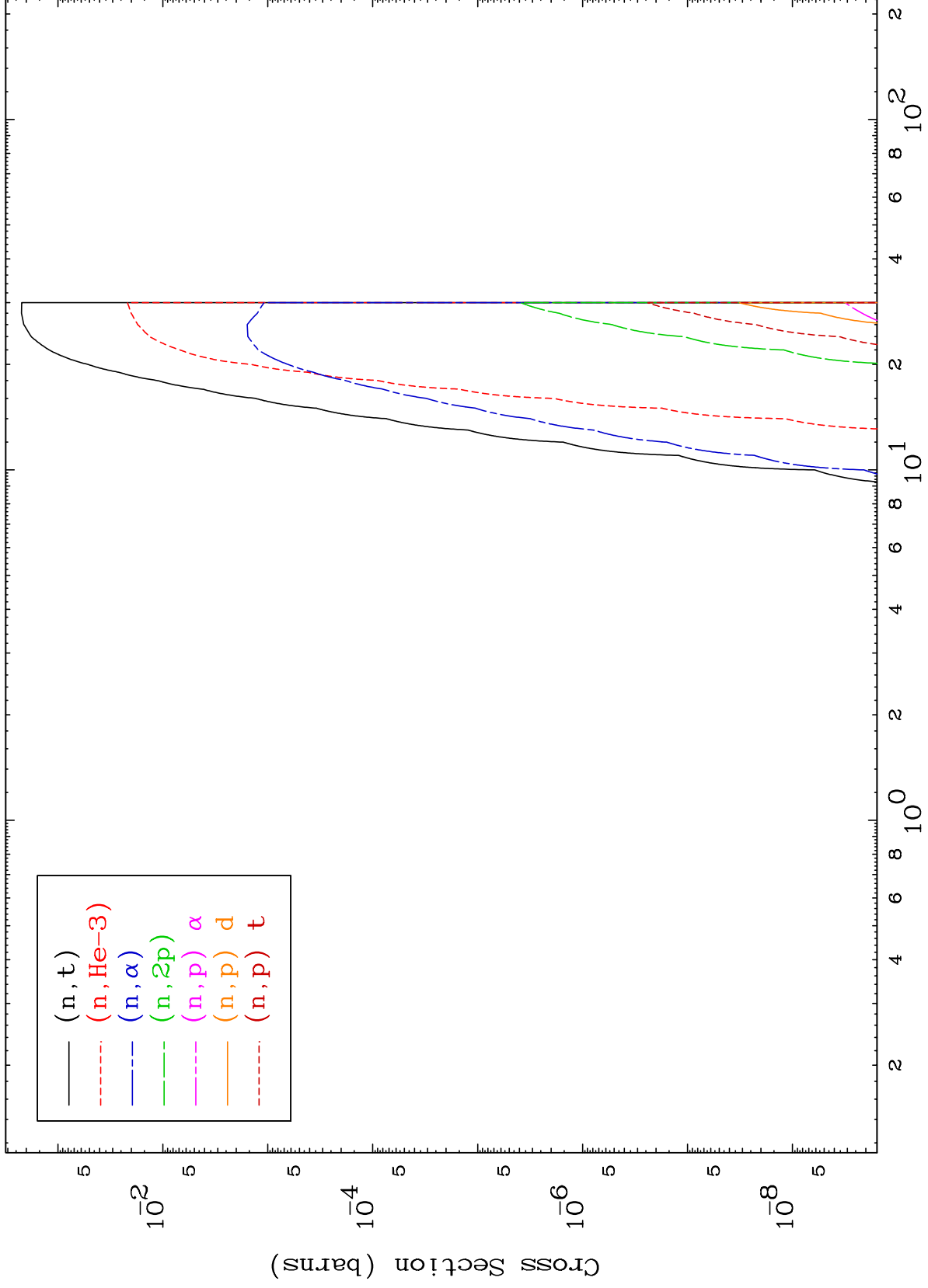
77-Ir-197



MAT 7743

He-3 Neutron Absorption
0 Kelvin Cross Sections

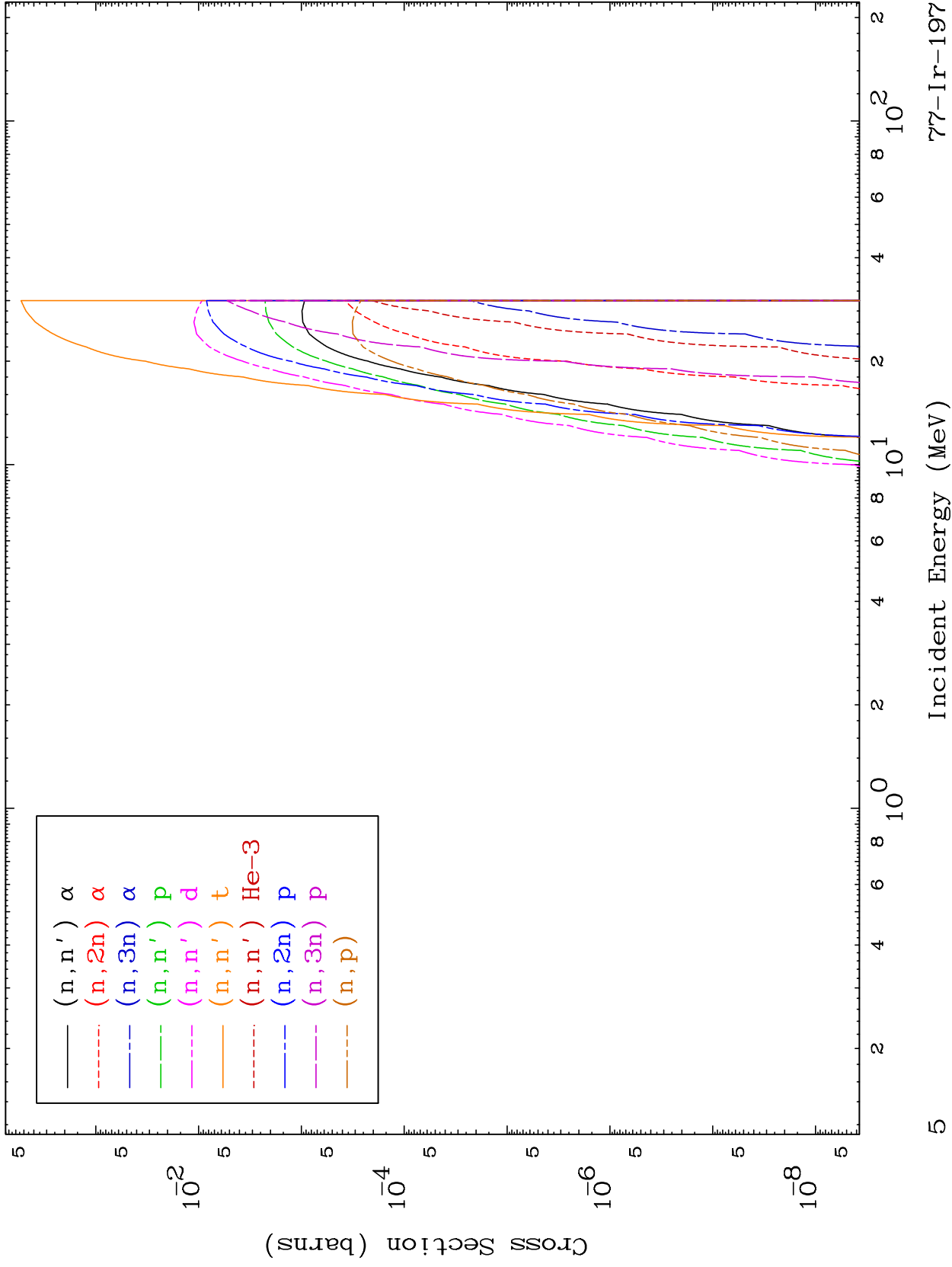
77-Ir-197



MAT 7743

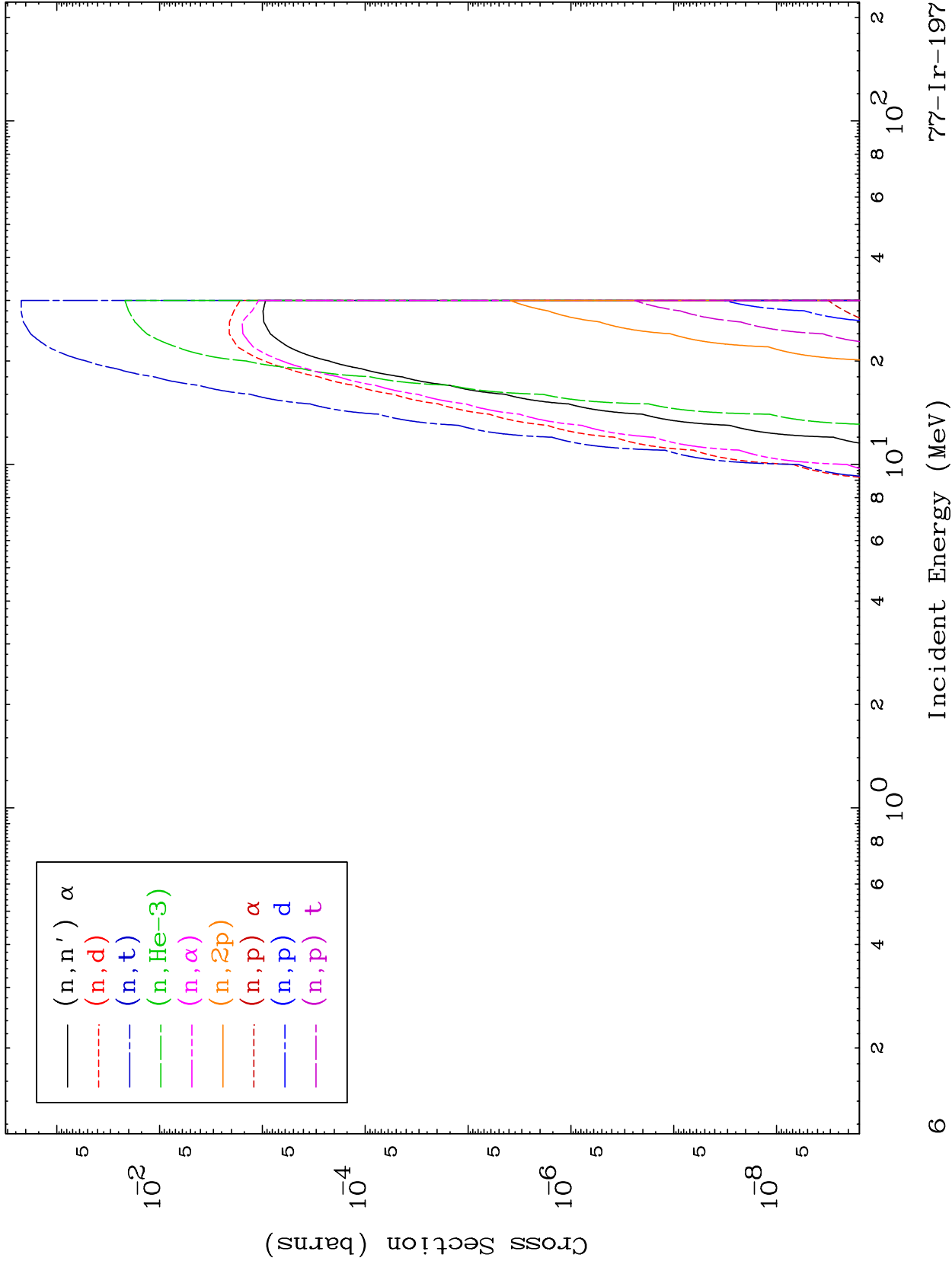
He-3 Charged Particle
0 Kelvin Cross Sections

77-Ir-197



5

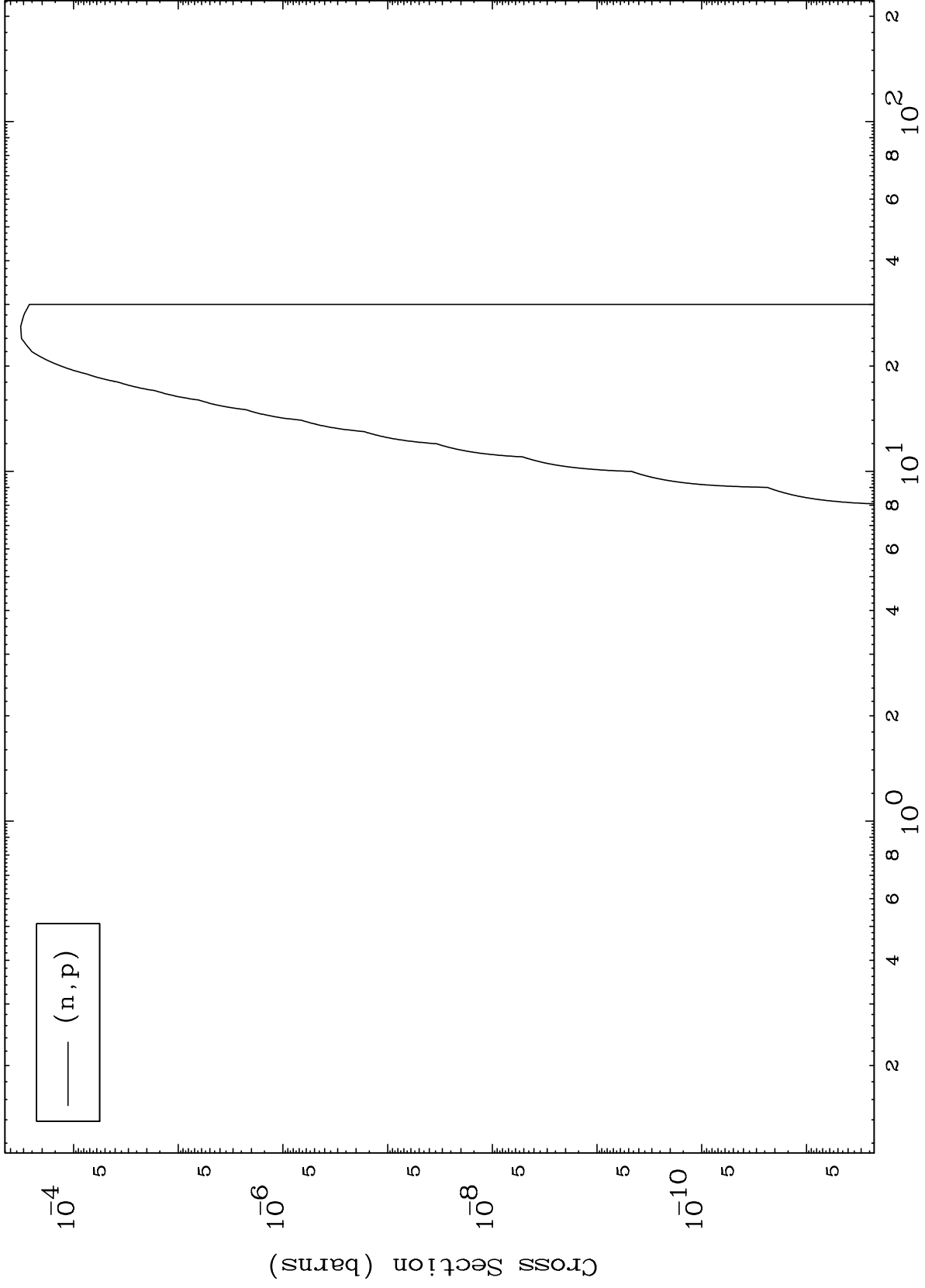
77-Ir-197



MAT 7743

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

77-Ir-197

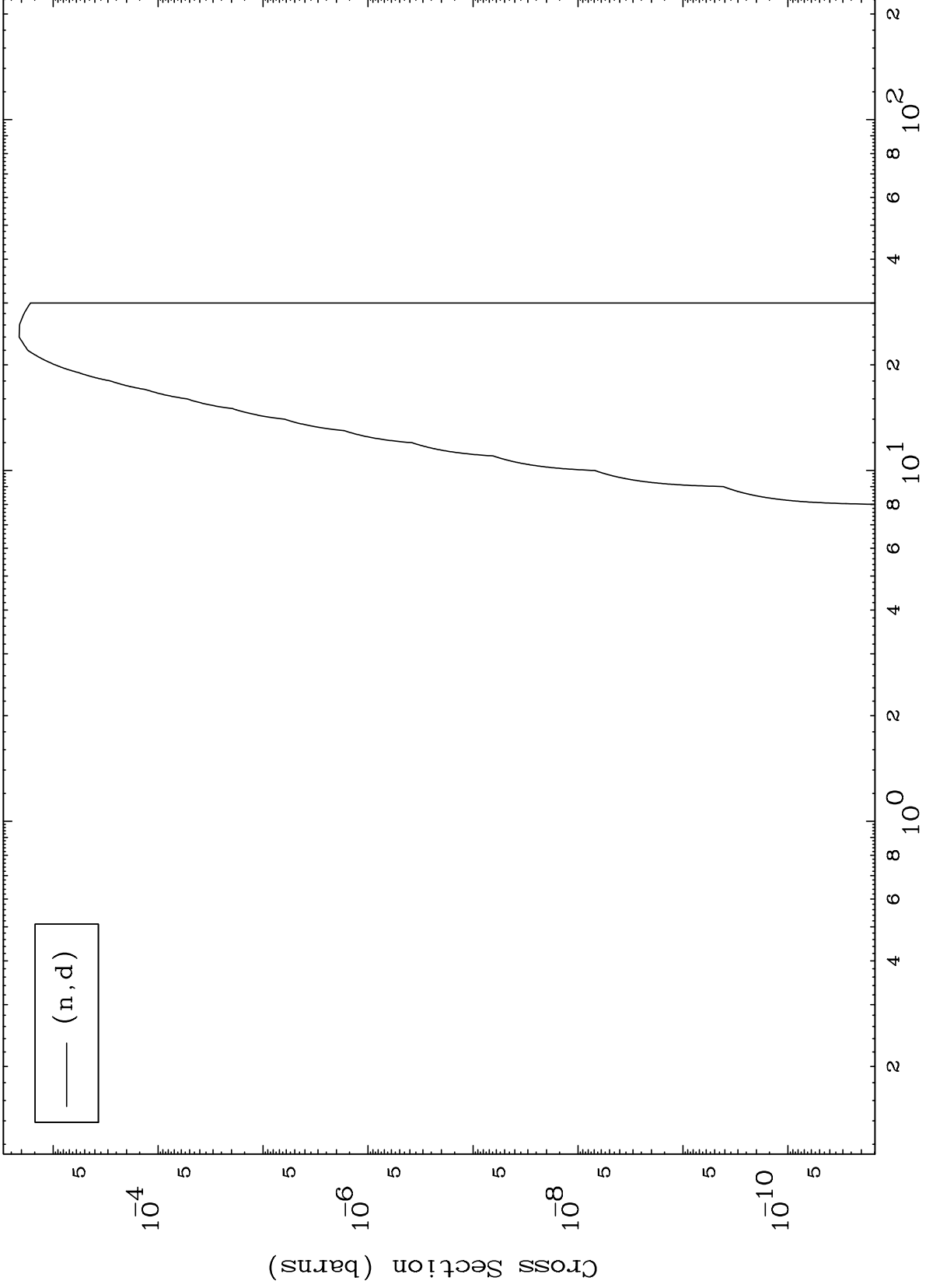


MAT 7743

(He-3,d) Levels

77-Ir-197

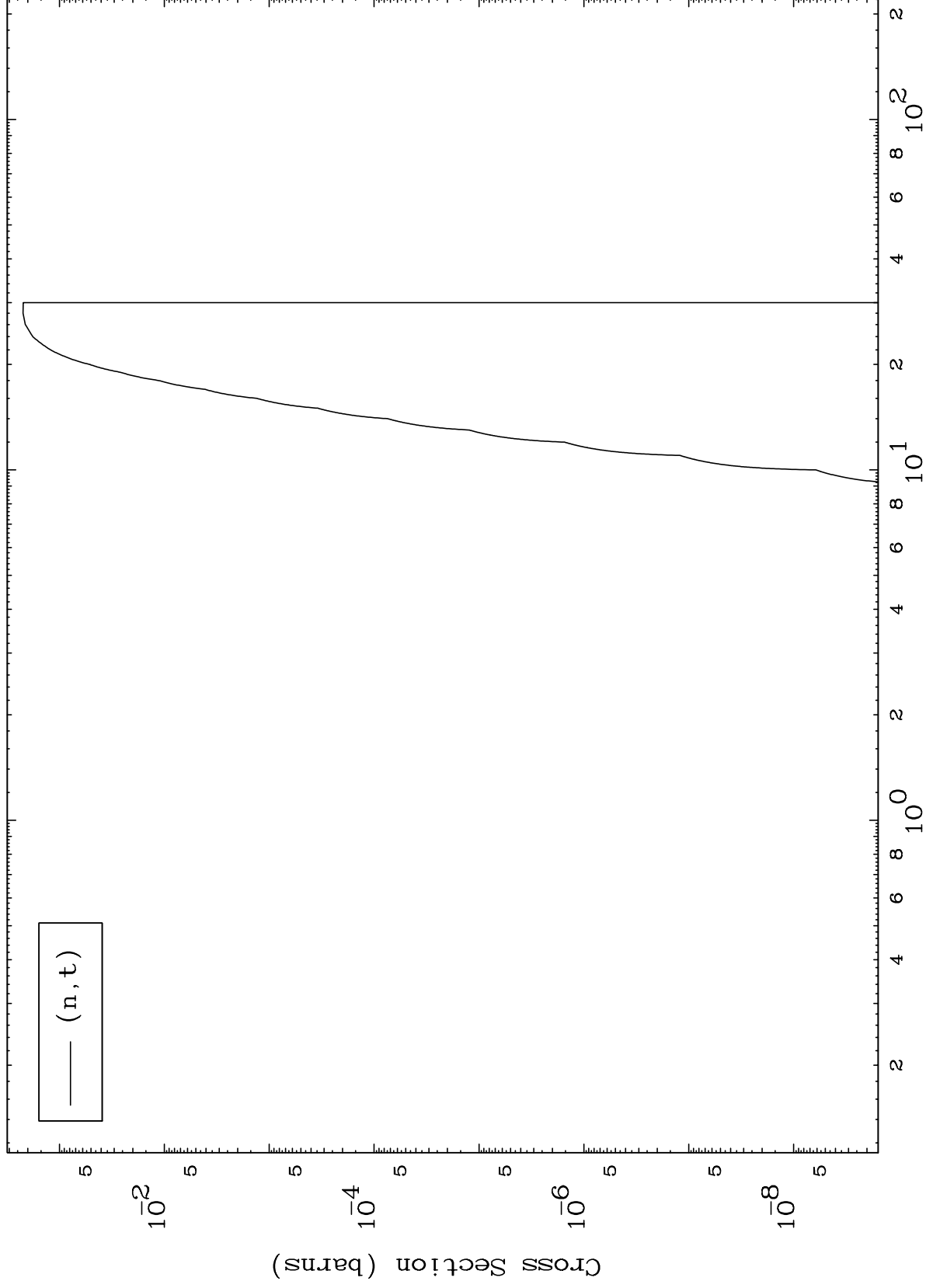
0 Kelvin Cross Sections



MAT 7743

77-Ir-197

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



9

Incident Energy (MeV)

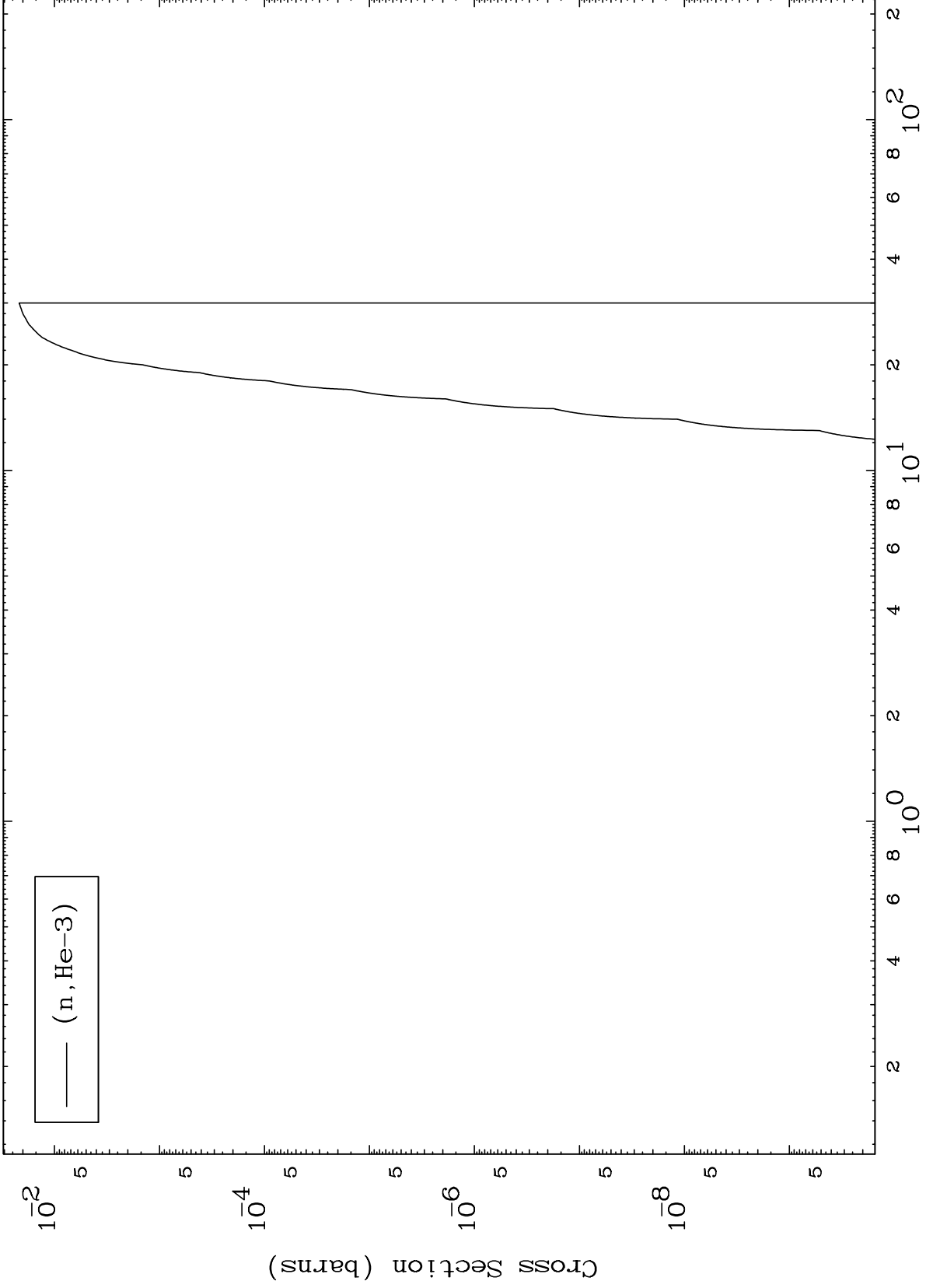
77-Ir-197

MAT 7743

(He-3, He3) Levels

77-Ir-197

0 Kelvin Cross Sections



10

Incident Energy (MeV)

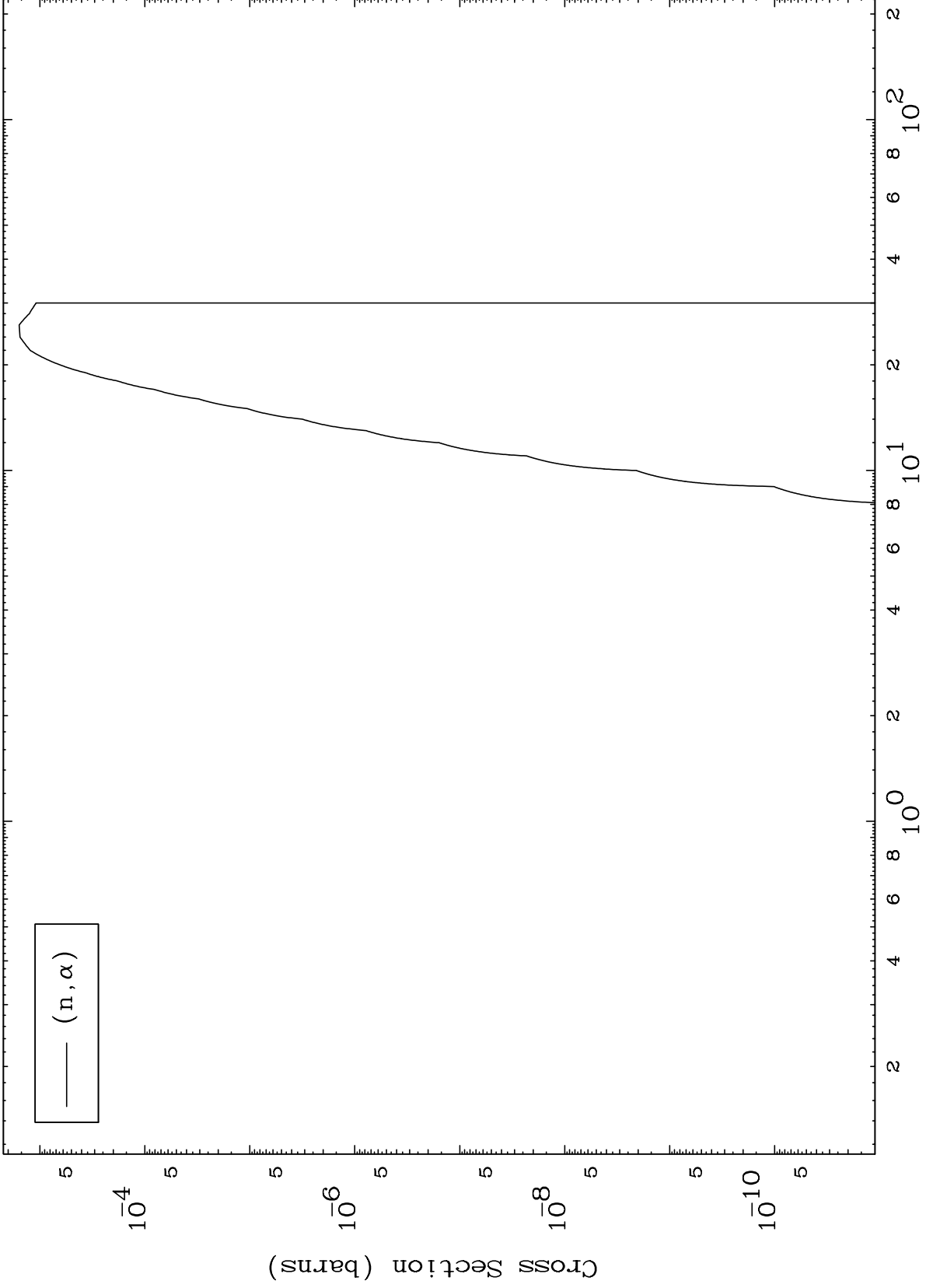
77-Ir-197

MAT 7743

(He-3, α) Levels

77-Ir-197

0 Kelvin Cross Sections

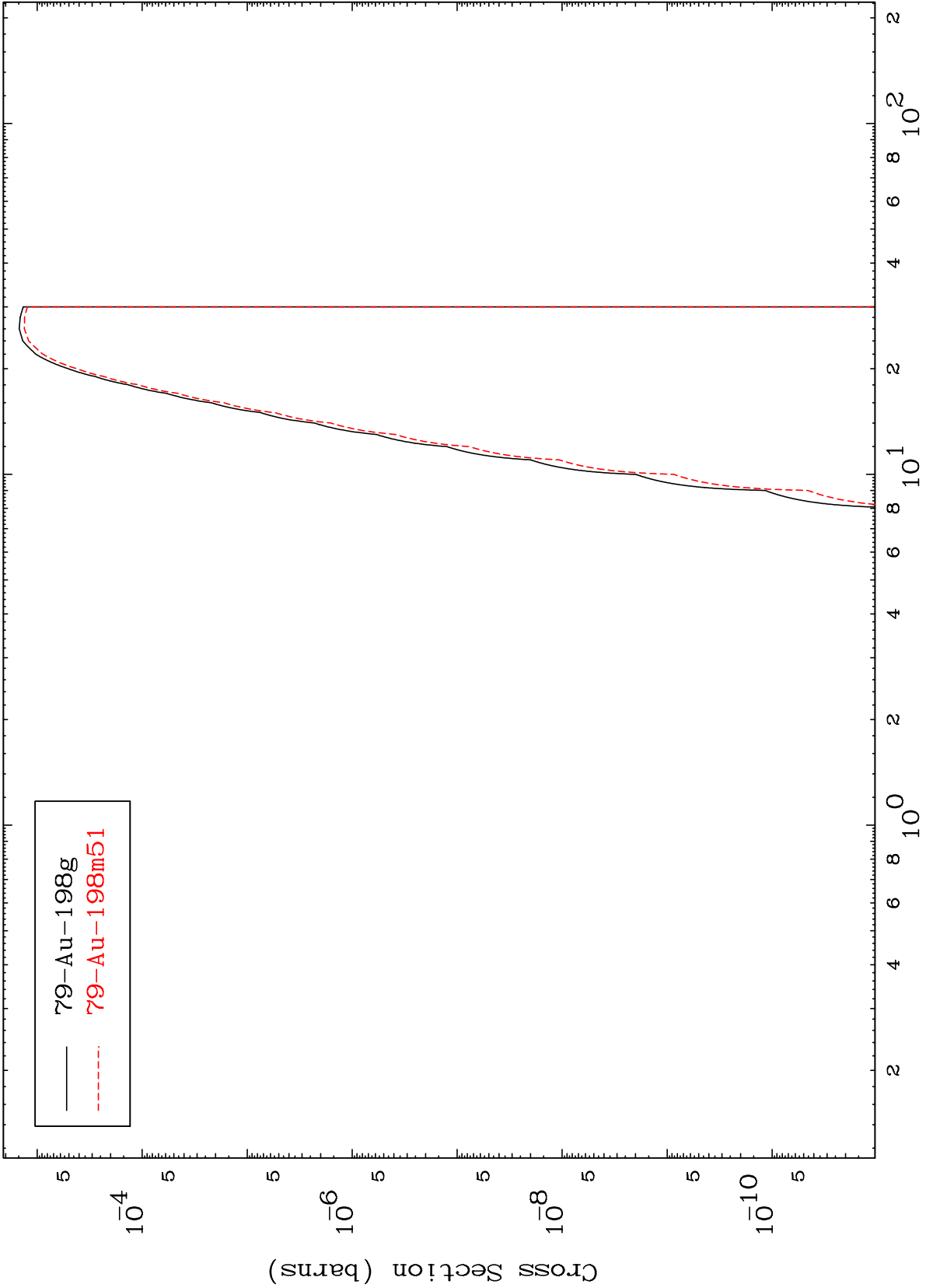


MAT 7743

(n,2n)

⁷⁷Ir-197

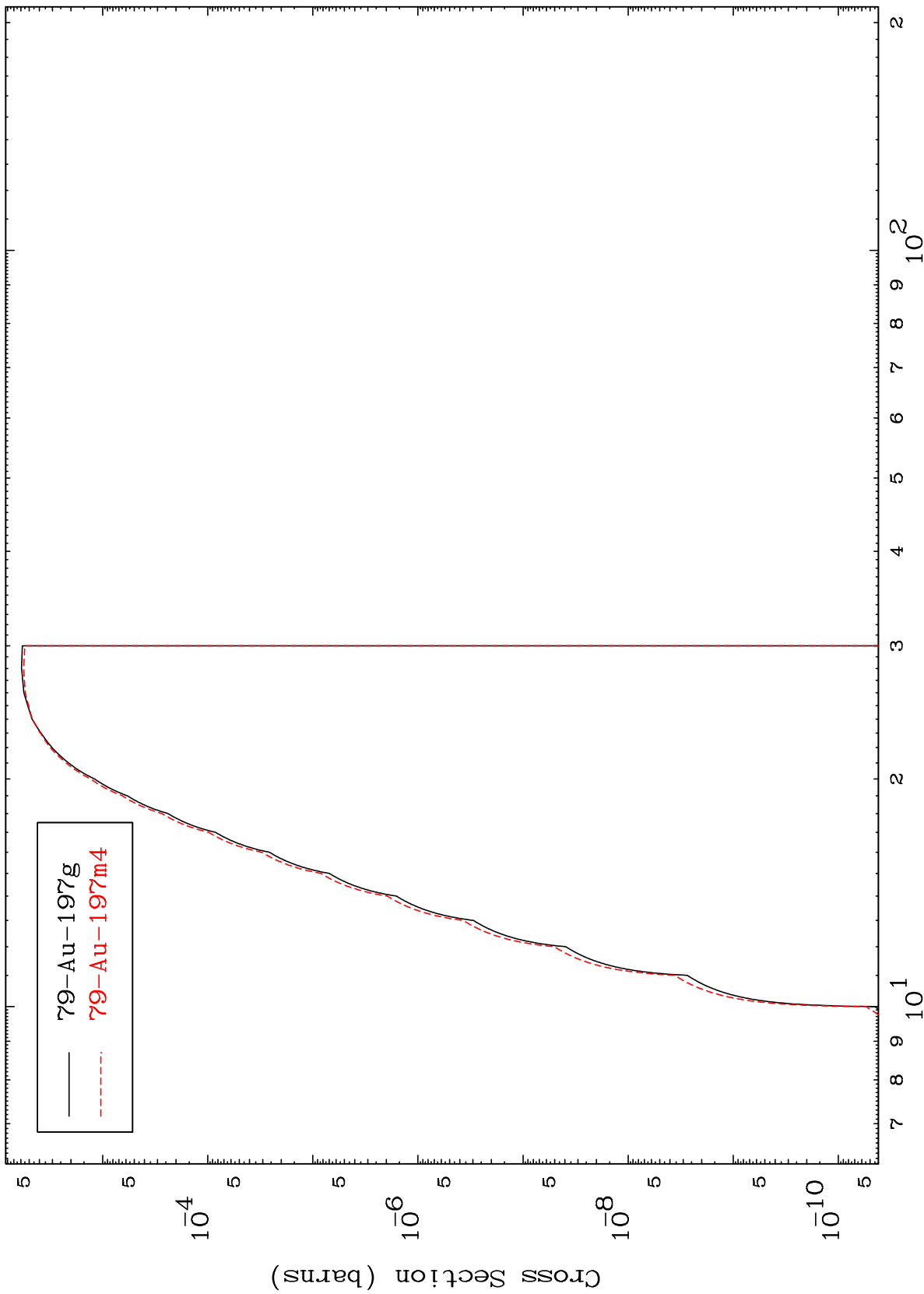
Radionuclide Production Cross Section



MAT 7743

77-Ir-197

Radionuclide Production Cross Section
(n,3n)



Incident Energy (MeV)

77-Ir-197

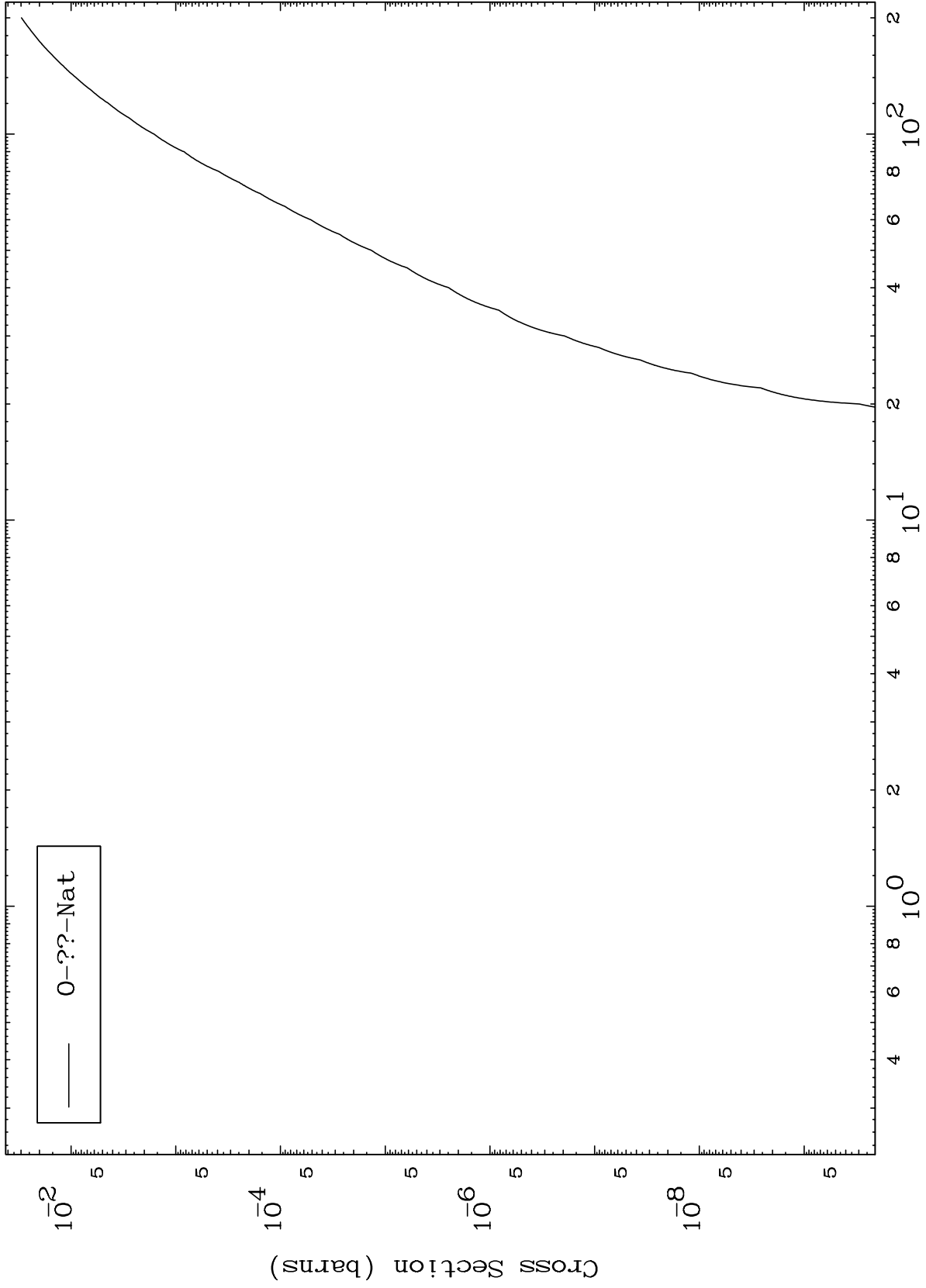
13

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Fission

77-Ir-197

Radionuclide Production Cross Section



14

Incident Energy (MeV)

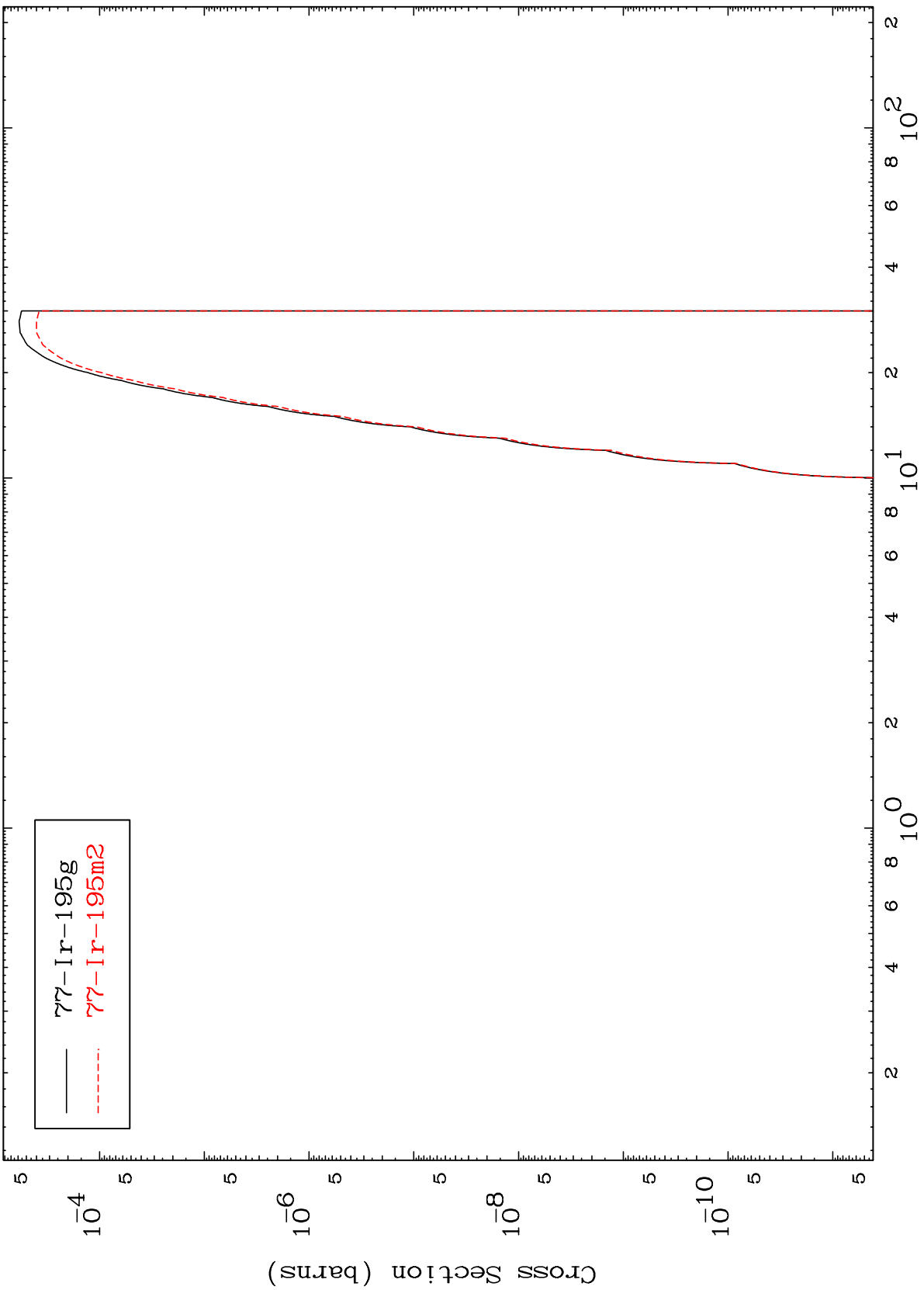
77-Ir-197

MAT 7743

$(n, n') \alpha$

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

Radionuclide Production Cross Section



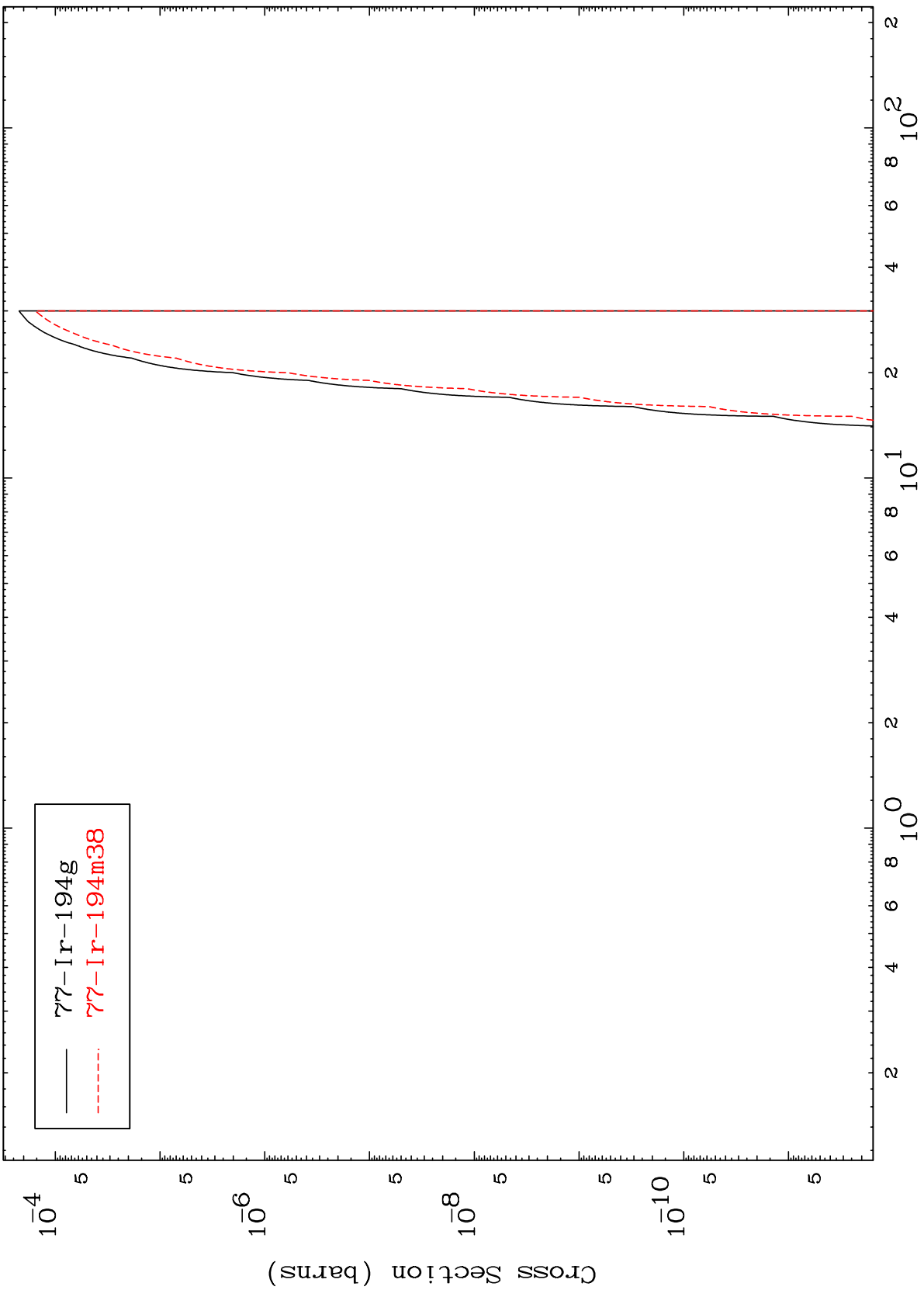
— $^{77}\text{Ir-195g}$
- - - $^{77}\text{Ir-195m2}$

MAT 7743

$(n,2n) \alpha$

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

Radionuclide Production Cross Section



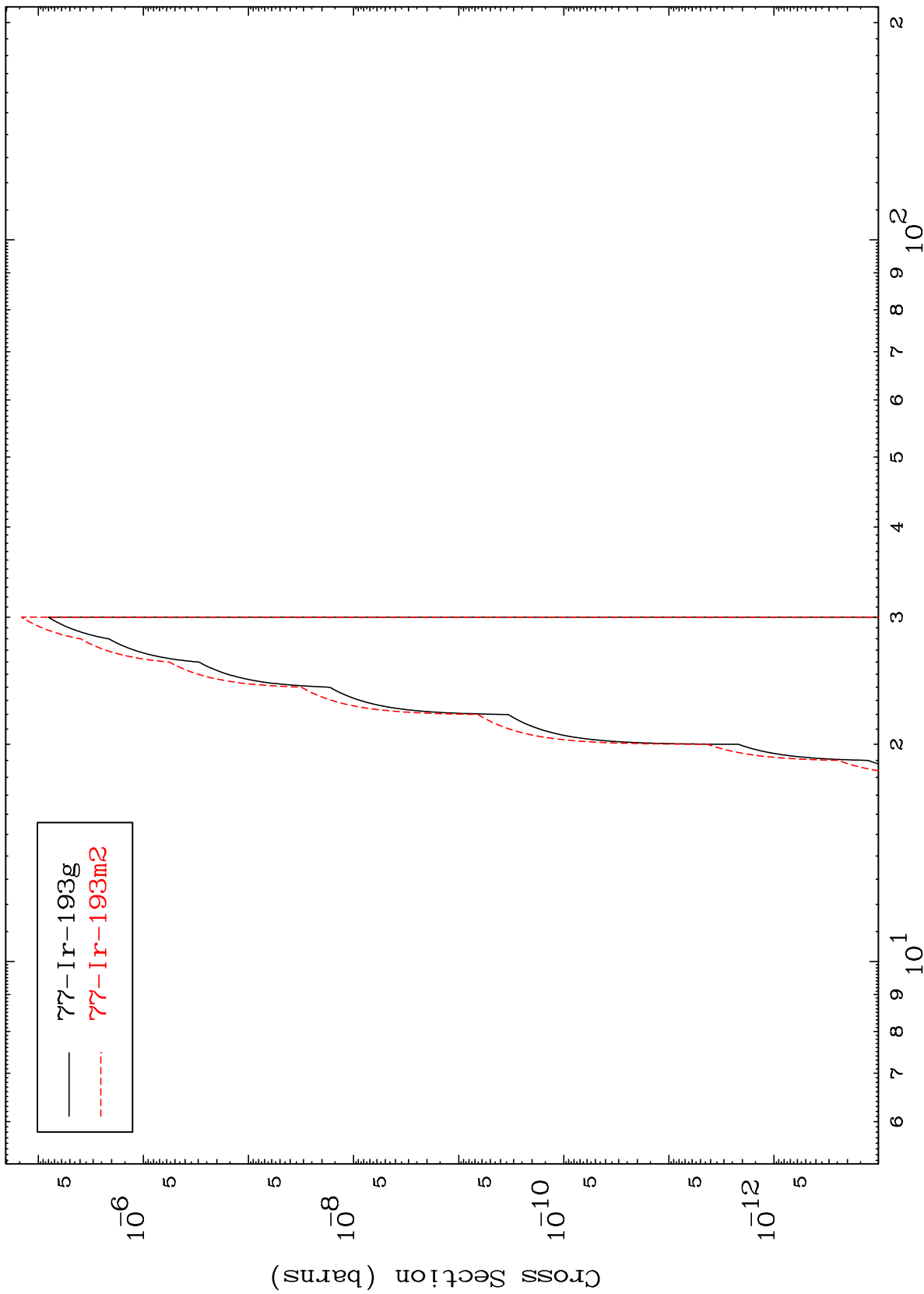
— $^{77}\text{Ir-194g}$
- - - $^{77}\text{Ir-194m38}$

MAT 7743

^{77}Ir α

^{77}Ir -197

Radionuclide Production Cross Section



17

Incident Energy (MeV)

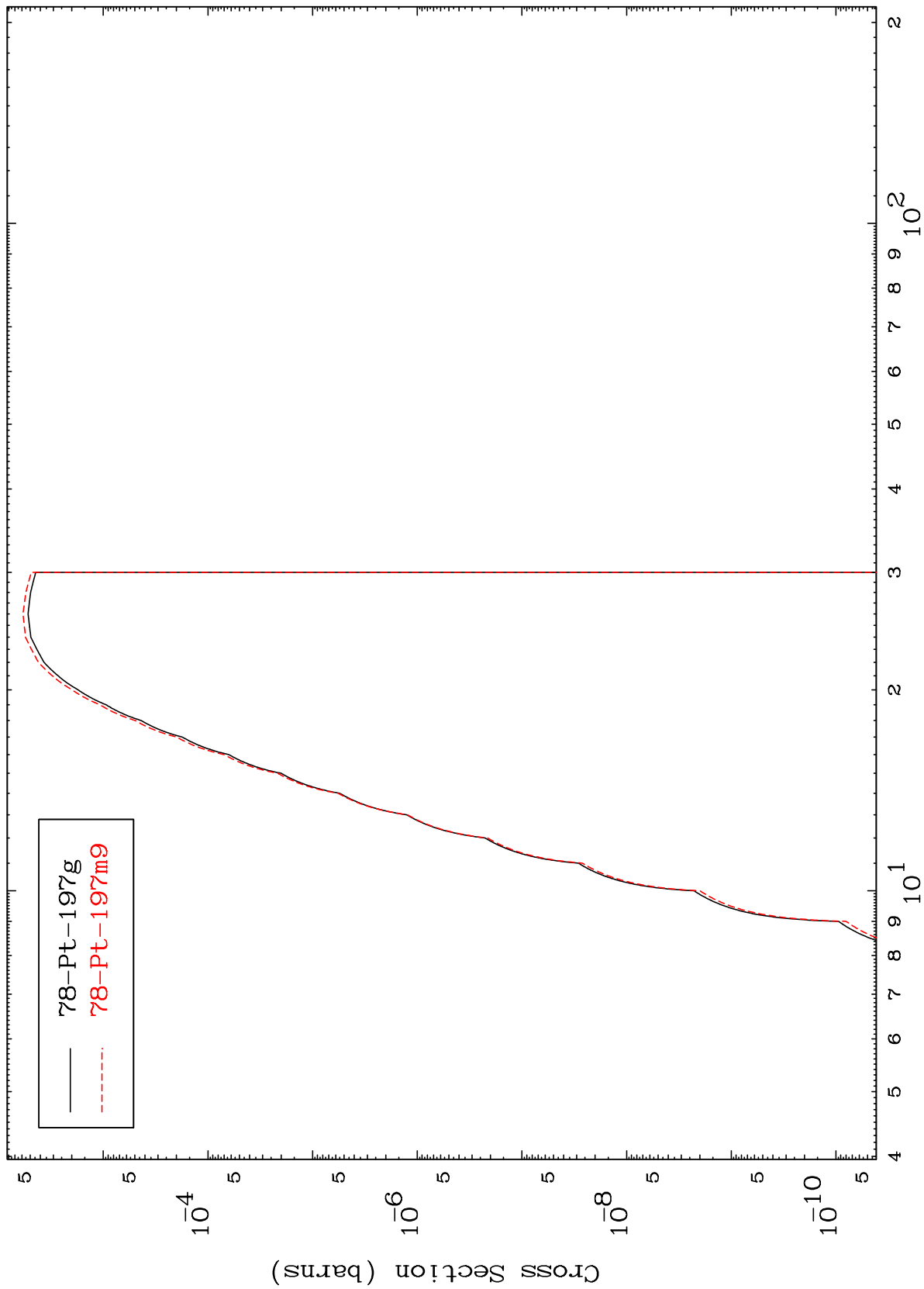
^{77}Ir -197

MAT 7743

(n,n') d

77-Ir-197

Radionuclide Production Cross Section



18

Incident Energy (MeV)

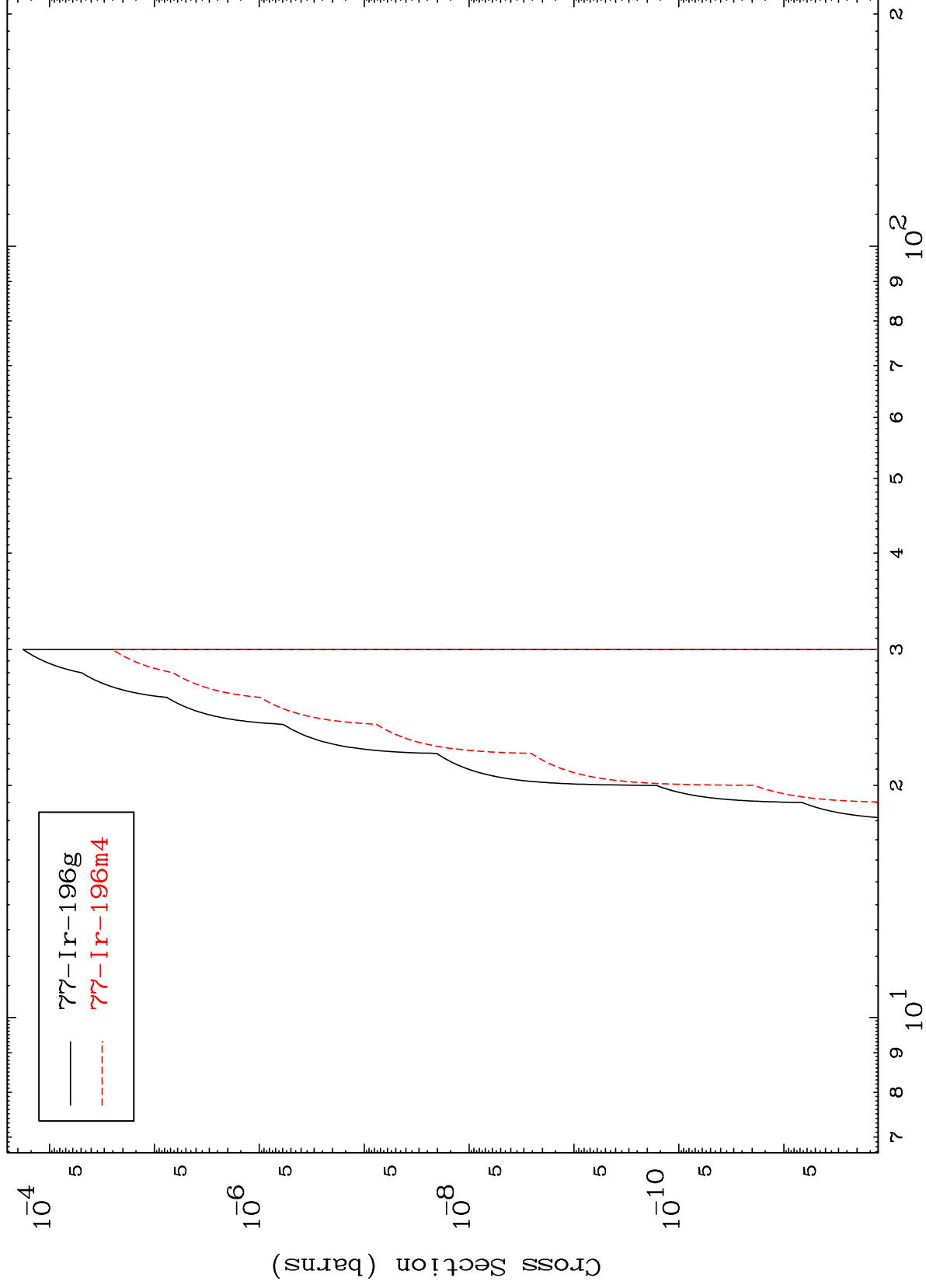
77-Ir-197

MAT 7743

(n,n') He-3

⁷⁷Ir-197

Radionuclide Production Cross Section



19

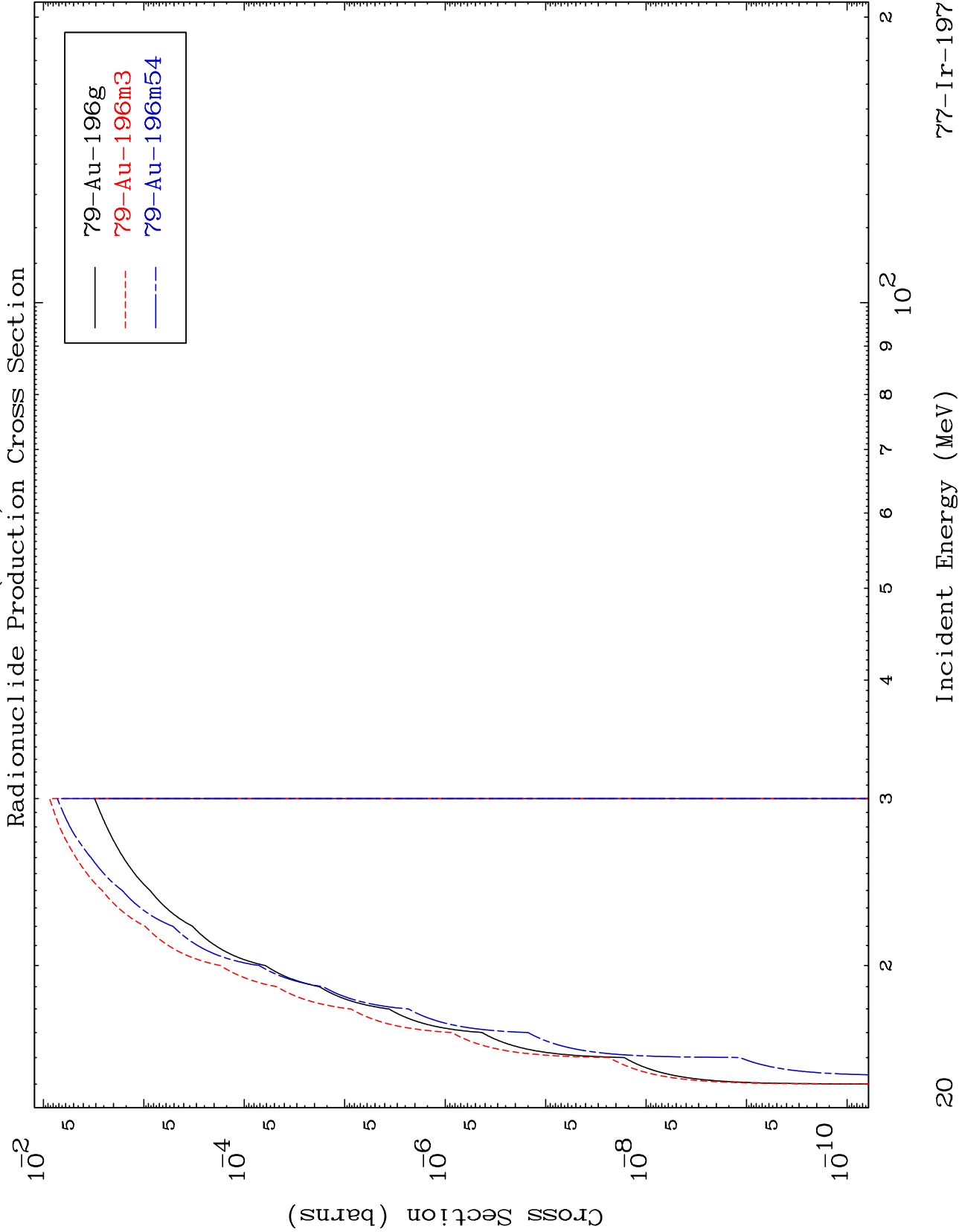
Incident Energy (MeV)

⁷⁷Ir-197

MAT 7743

(n,4n)

77-Ir-197



20

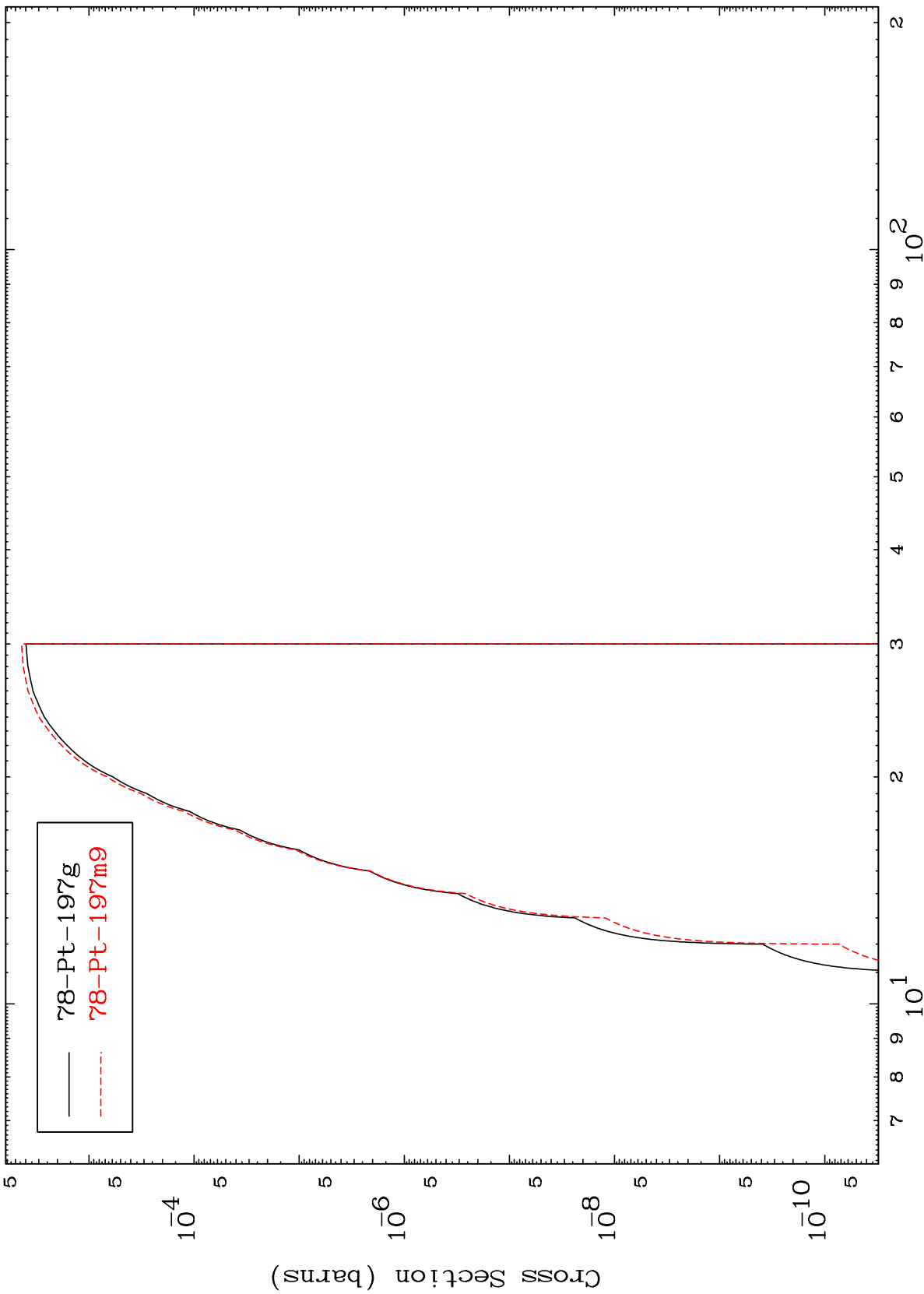
Incident Energy (MeV)

77-Ir-197

MAT 7743

77-Ir-197

(n,2n) p
Radionuclide Production Cross Section



77-Ir-197

Incident Energy (MeV)

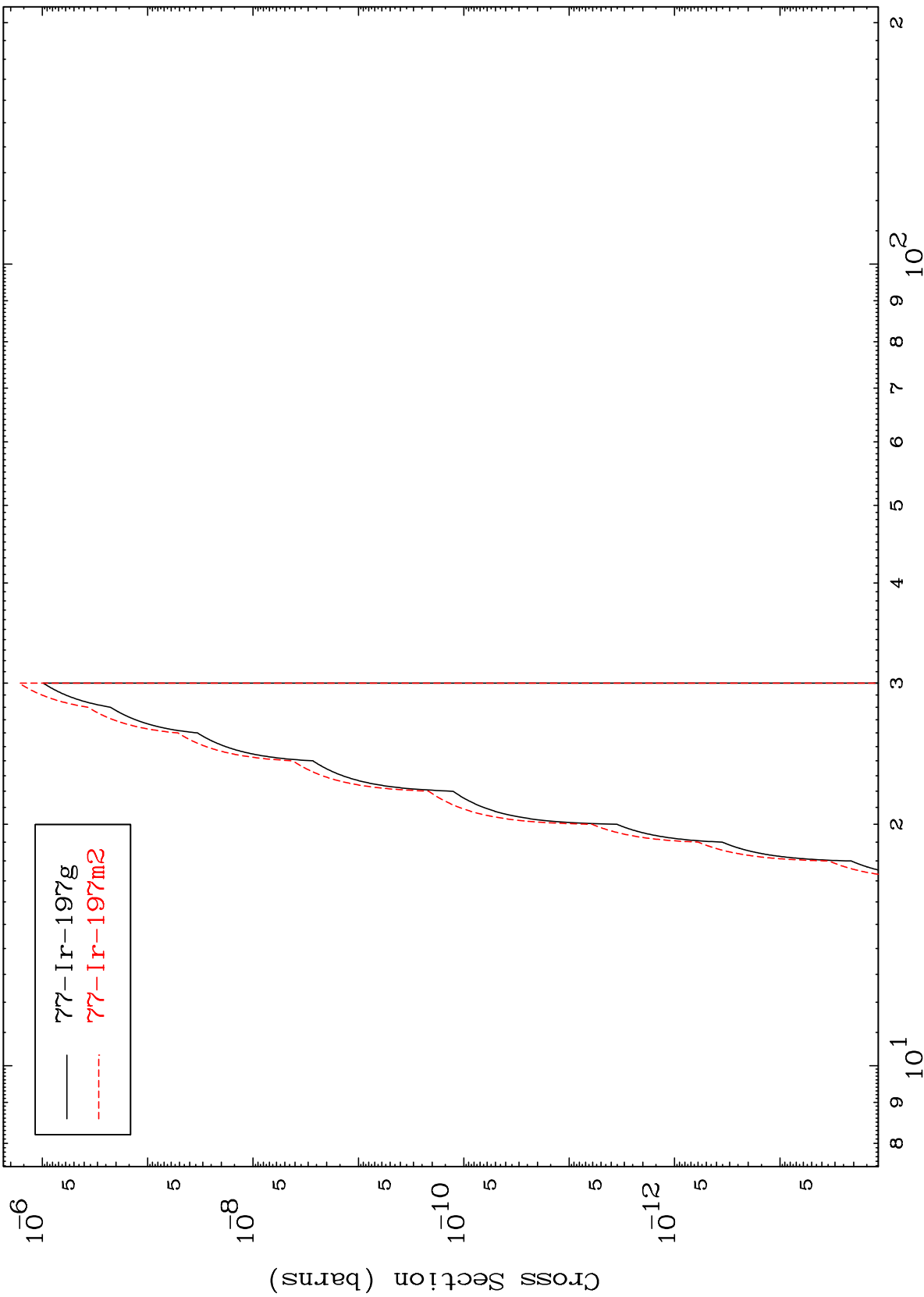
21

MAT 7743

(n,2n) p

⁷⁷Ir-197

Radionuclide Production Cross Section

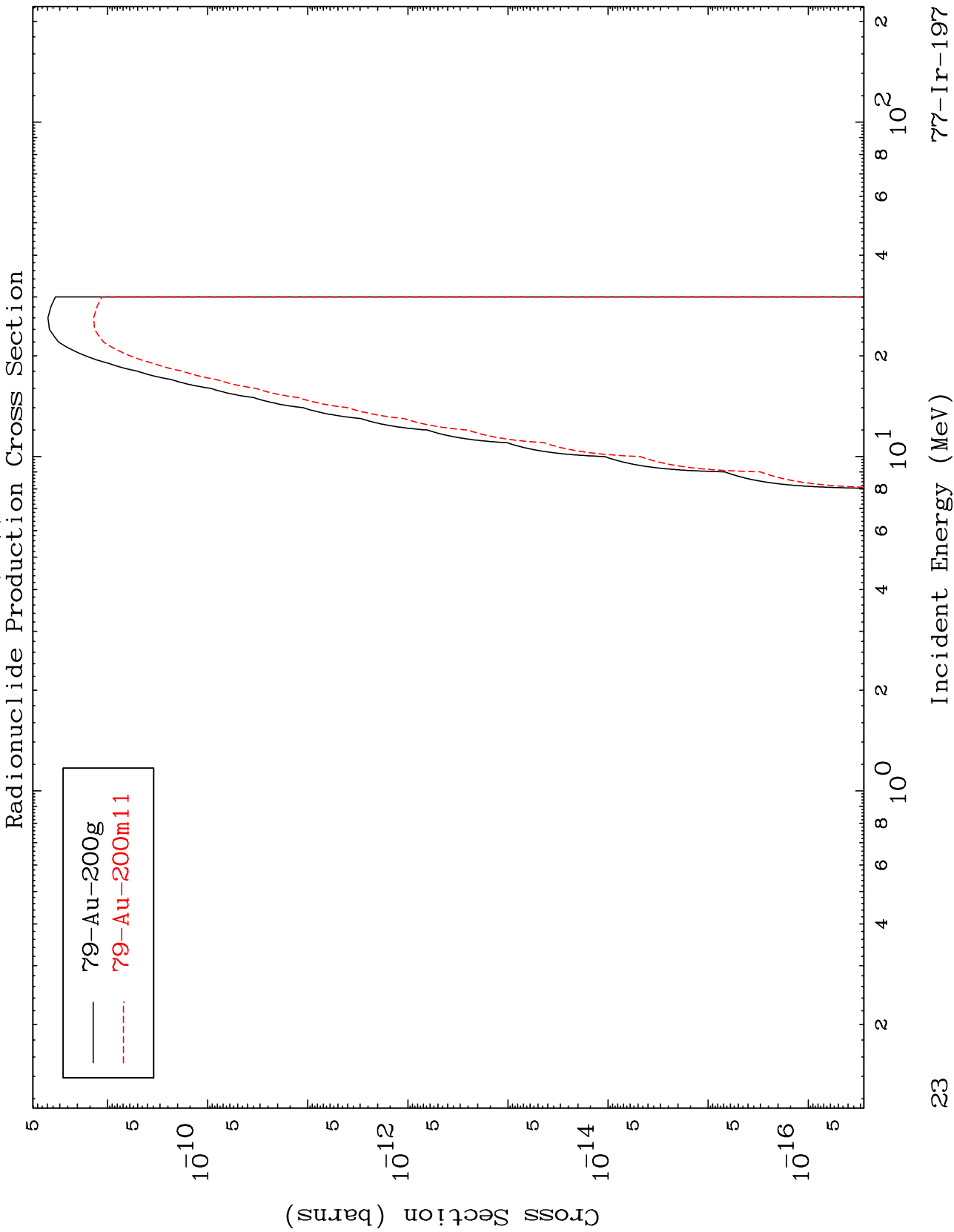


Incident Energy (MeV)

⁷⁷Ir-197

MAT 7743

77-Ir-197

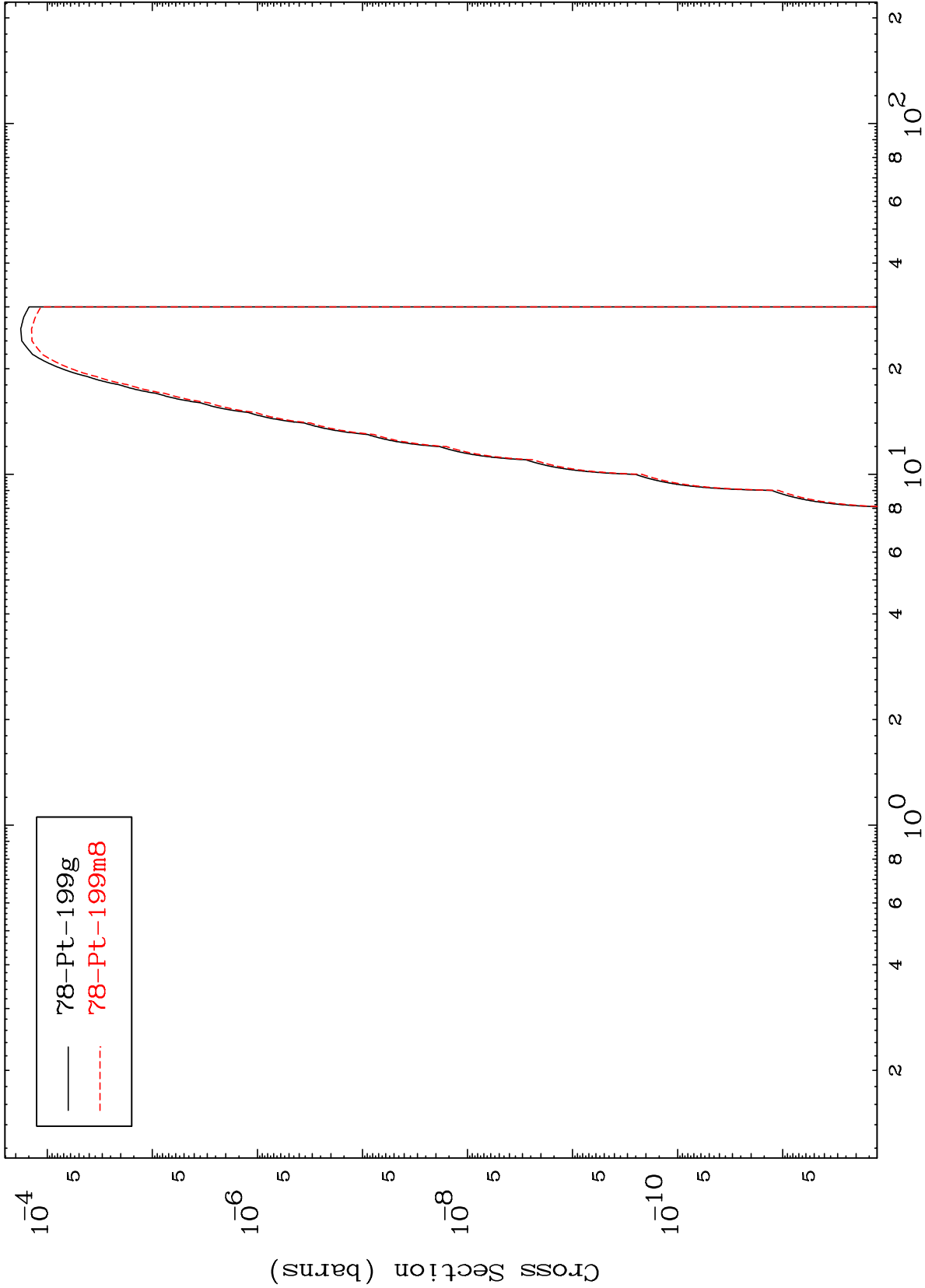


79-Au-200g
79-Au-200m11

MAT 7743

77-Ir-197

(n,p)
Radionuclide Production Cross Section



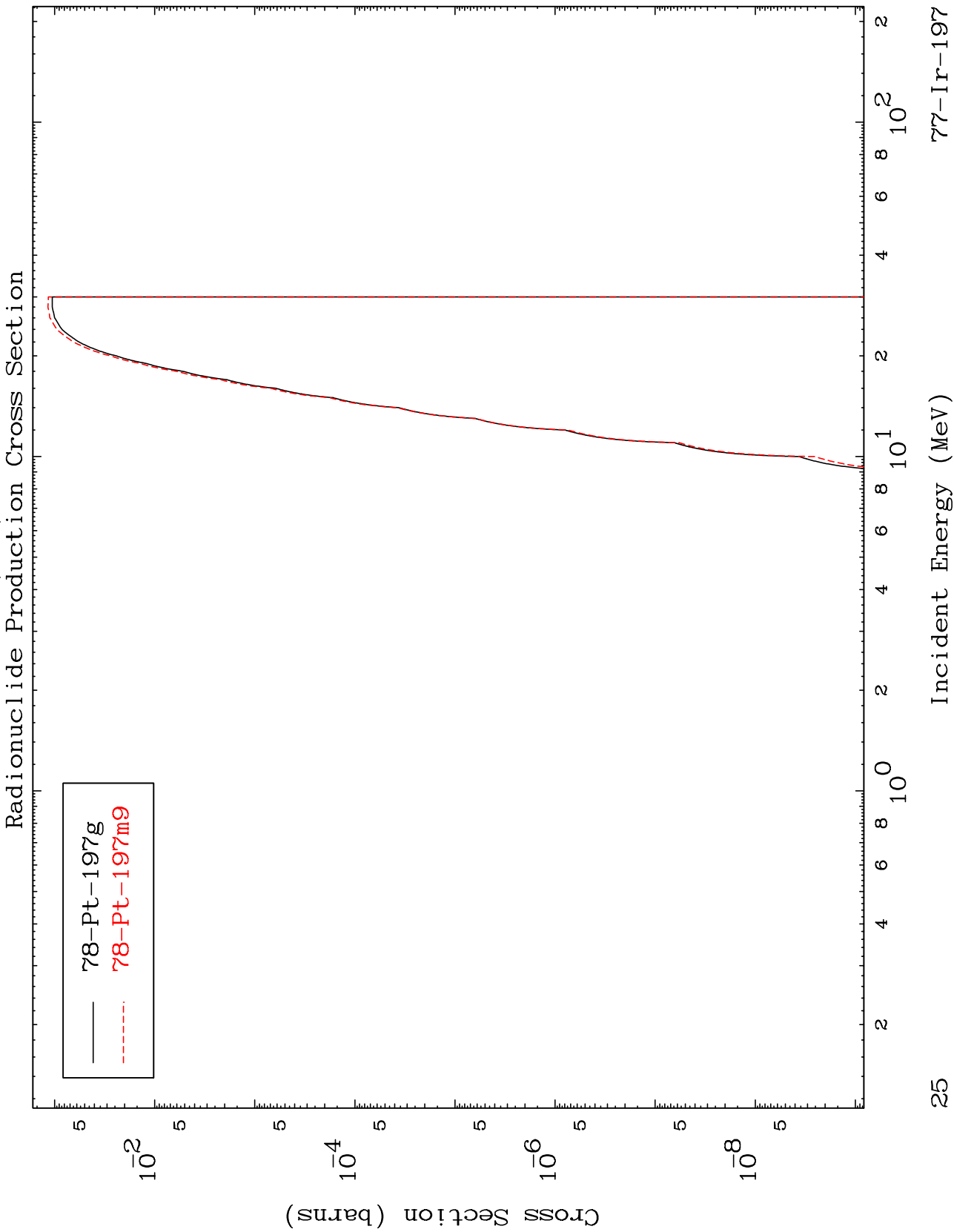
77-Ir-197

Incident Energy (MeV)

24

MAT 7743

77-Ir-197

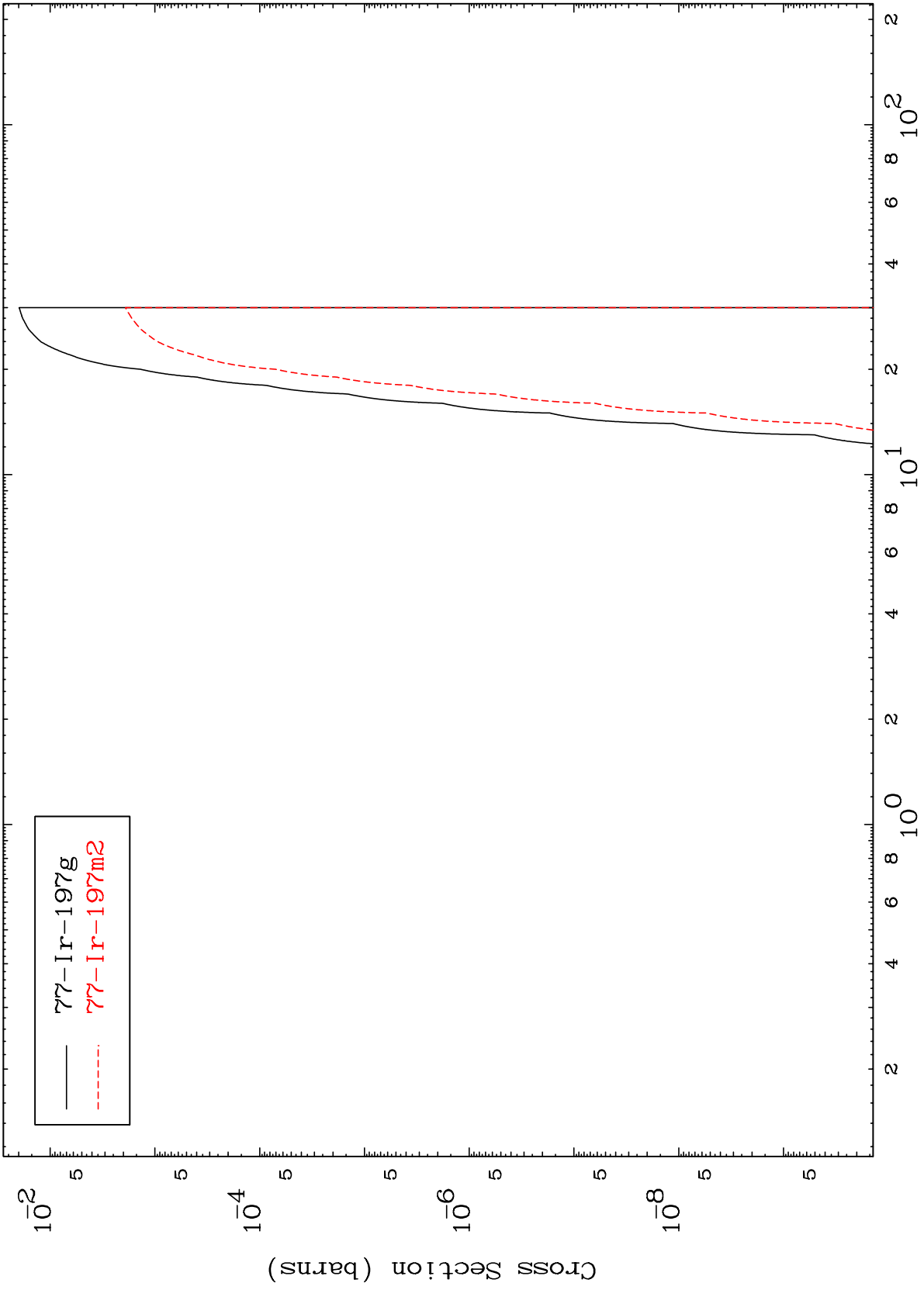


MAT 7743

(n,He-3)

⁷⁷Ir-197

Radionuclide Production Cross Section



26

Incident Energy (MeV)

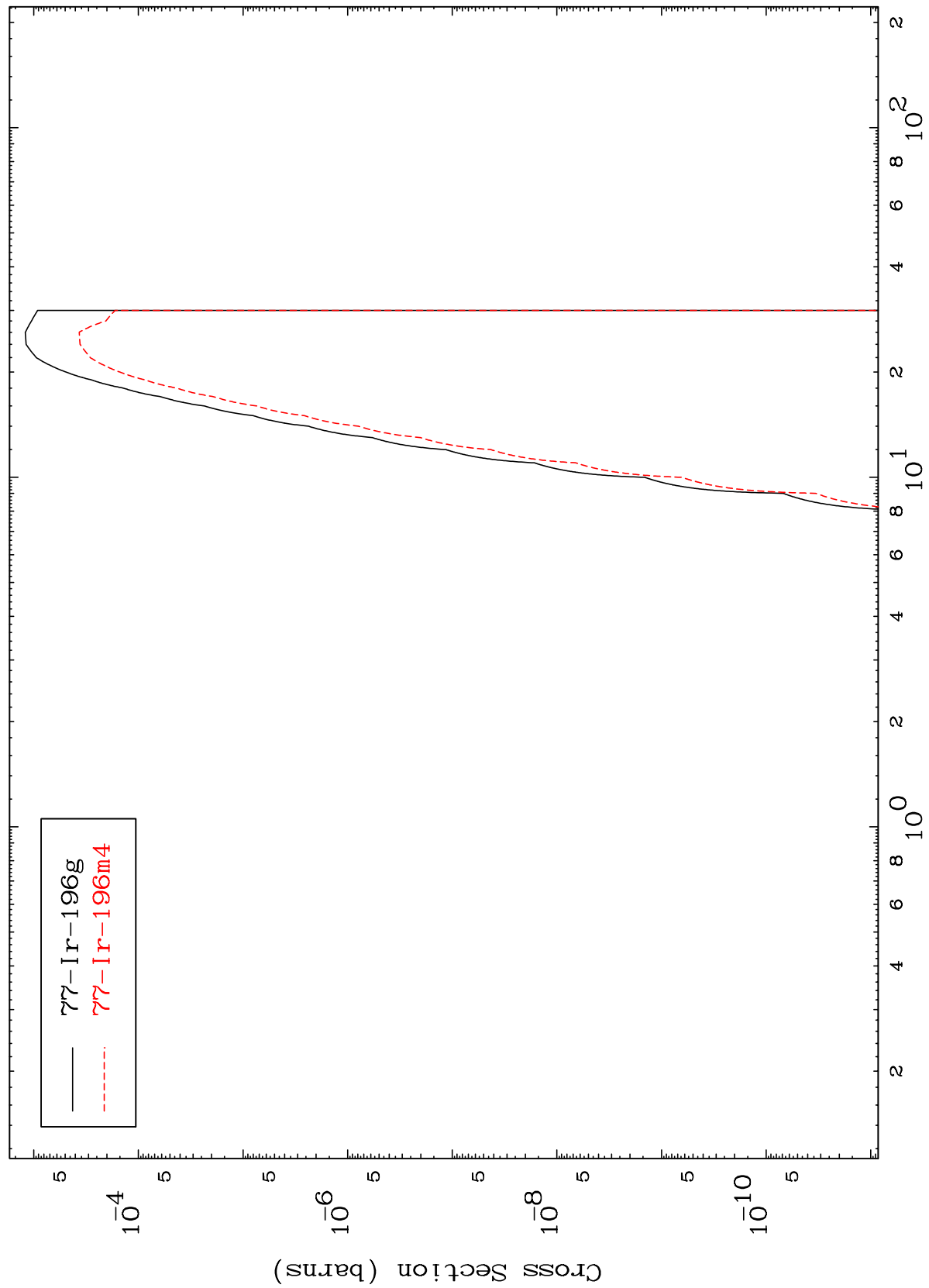
⁷⁷Ir-197

MAT 7743

(n, α)

⁷⁷Ir-197

Radionuclide Production Cross Section



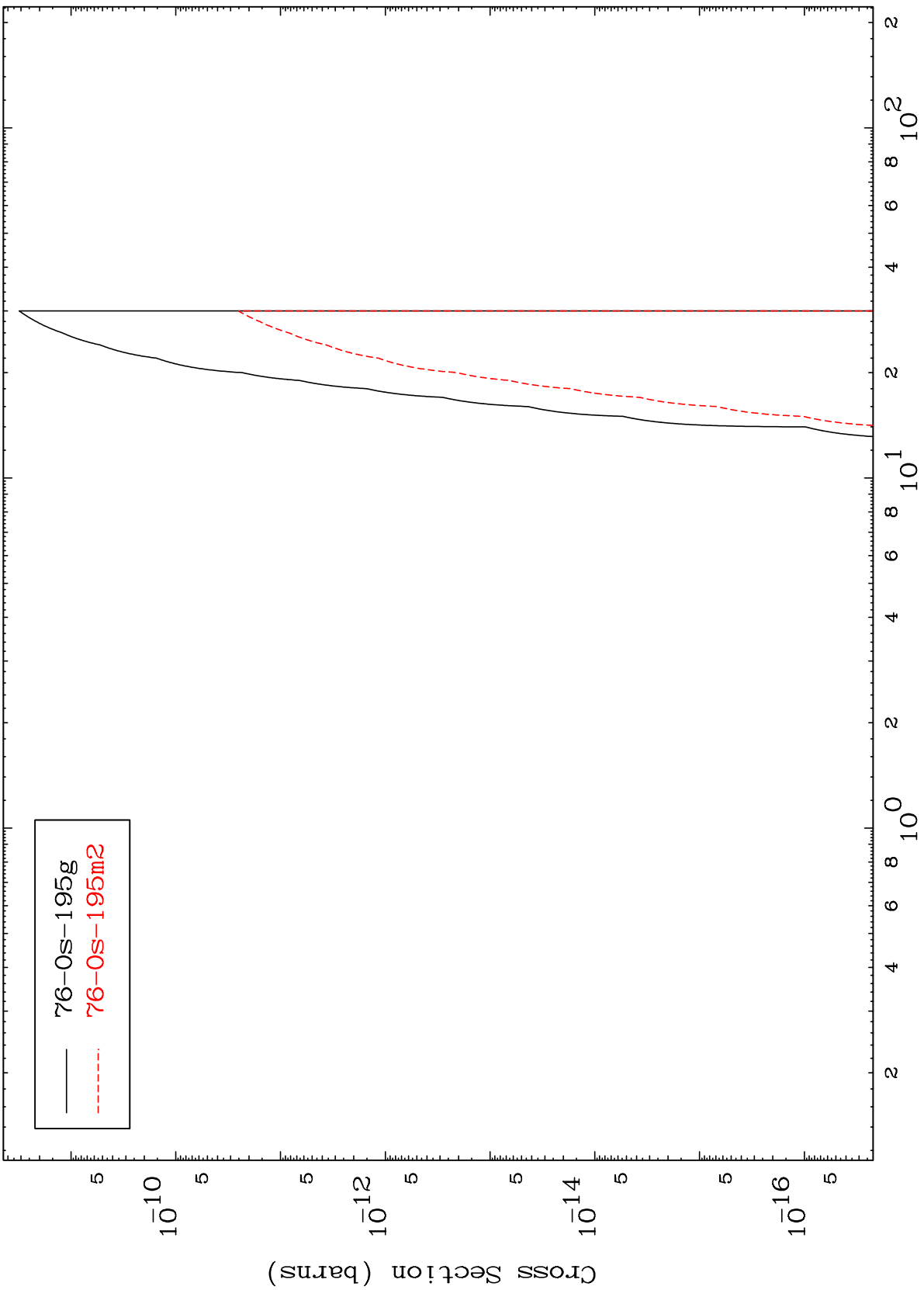
— ⁷⁷Ir-196g
- - - ⁷⁷Ir-196m4

MAT 7743

(n,p) α

⁷⁷Ir-197

Radionuclide Production Cross Section



76-0s-195g
76-0s-195m2

Incident Energy (MeV)

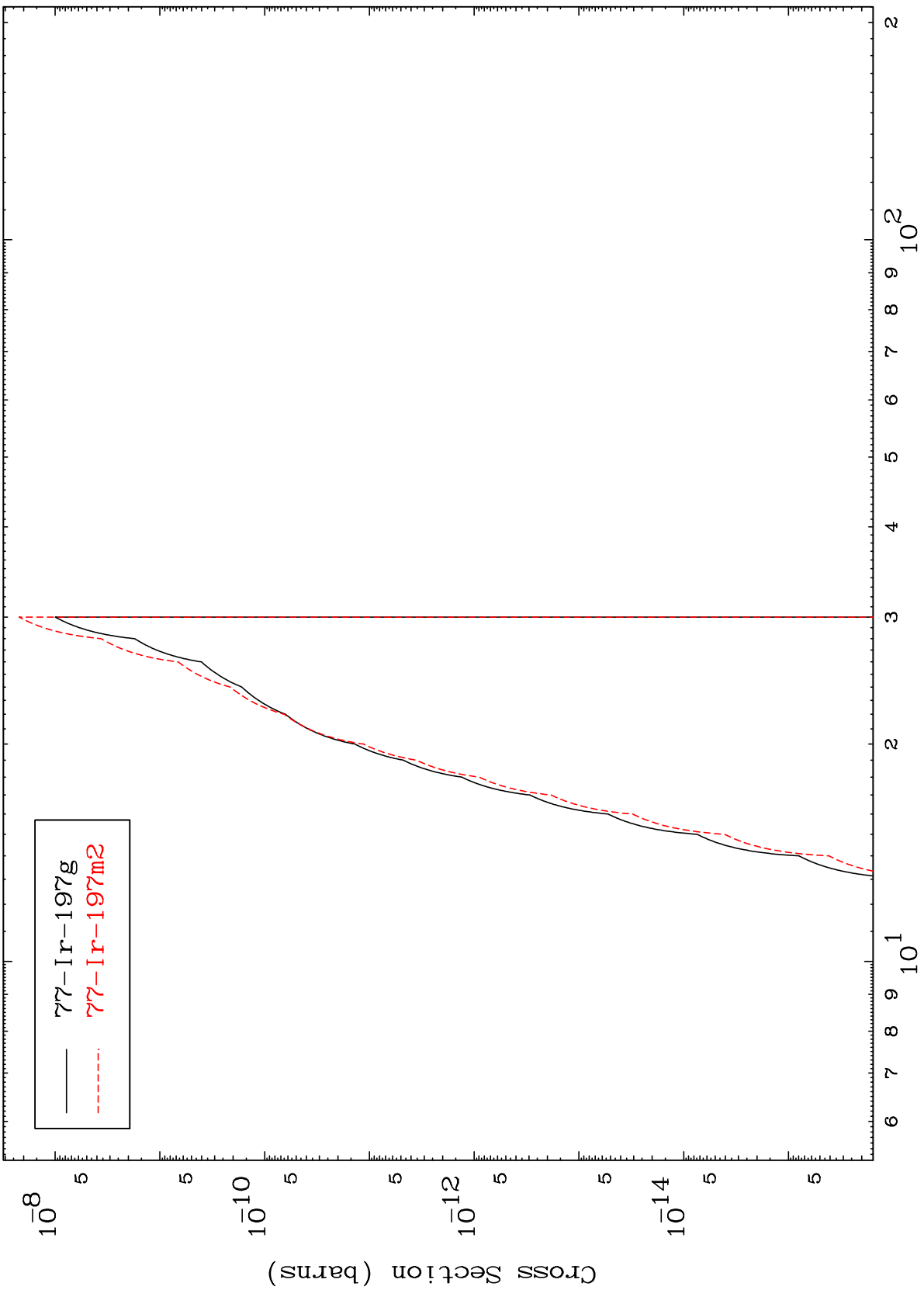
⁷⁷Ir-197

MAT 7743

(n,p) d

⁷⁷Ir-197

Radionuclide Production Cross Section



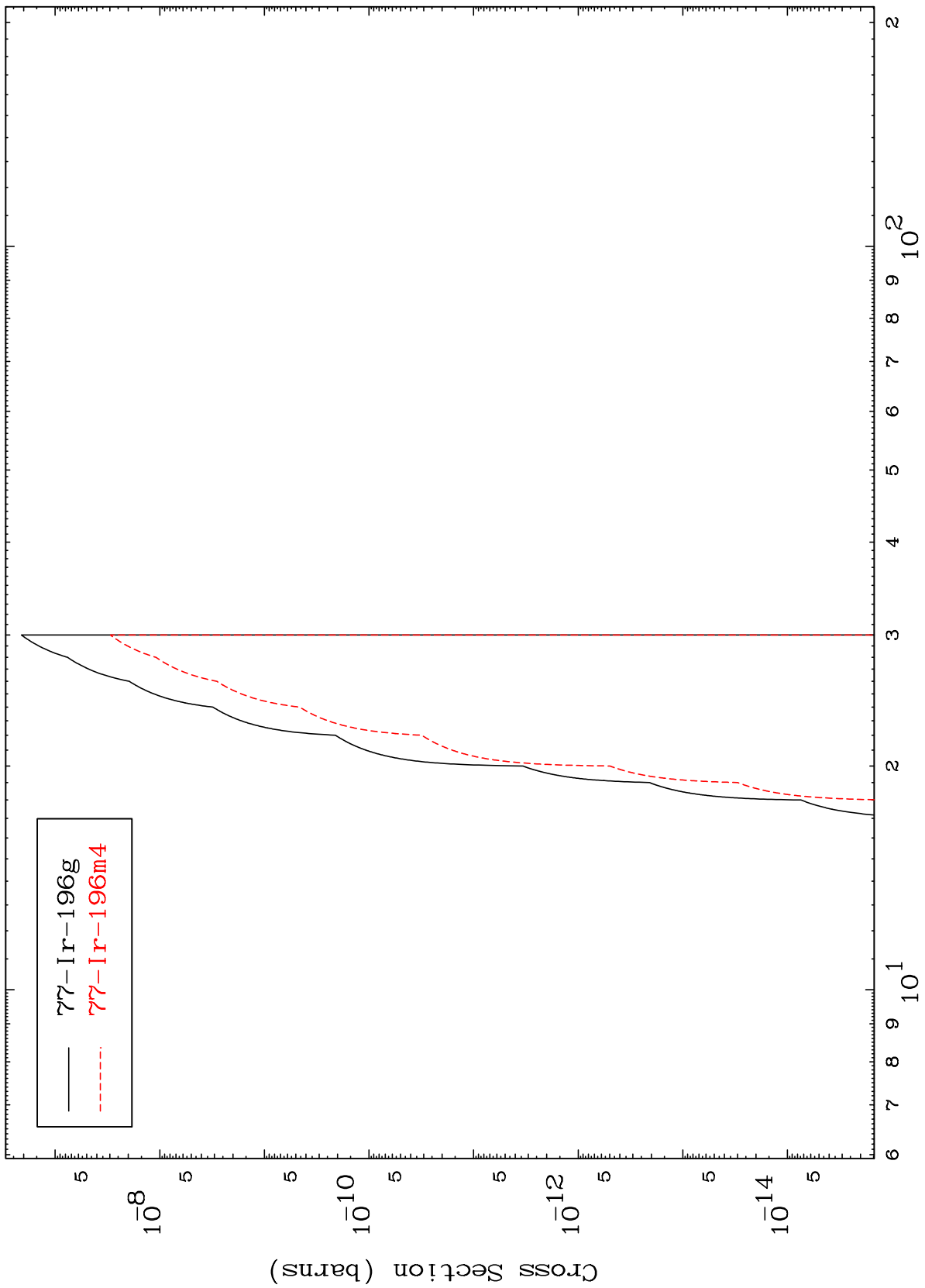
— ⁷⁷Ir-197g
- - - ⁷⁷Ir-197m2

MAT 7743

(n,p) t

77-Ir-197

Radionuclide Production Cross Section



30

Incident Energy (MeV)

77-Ir-197