

Program EVALPLOT
(Version 2021-1)

by

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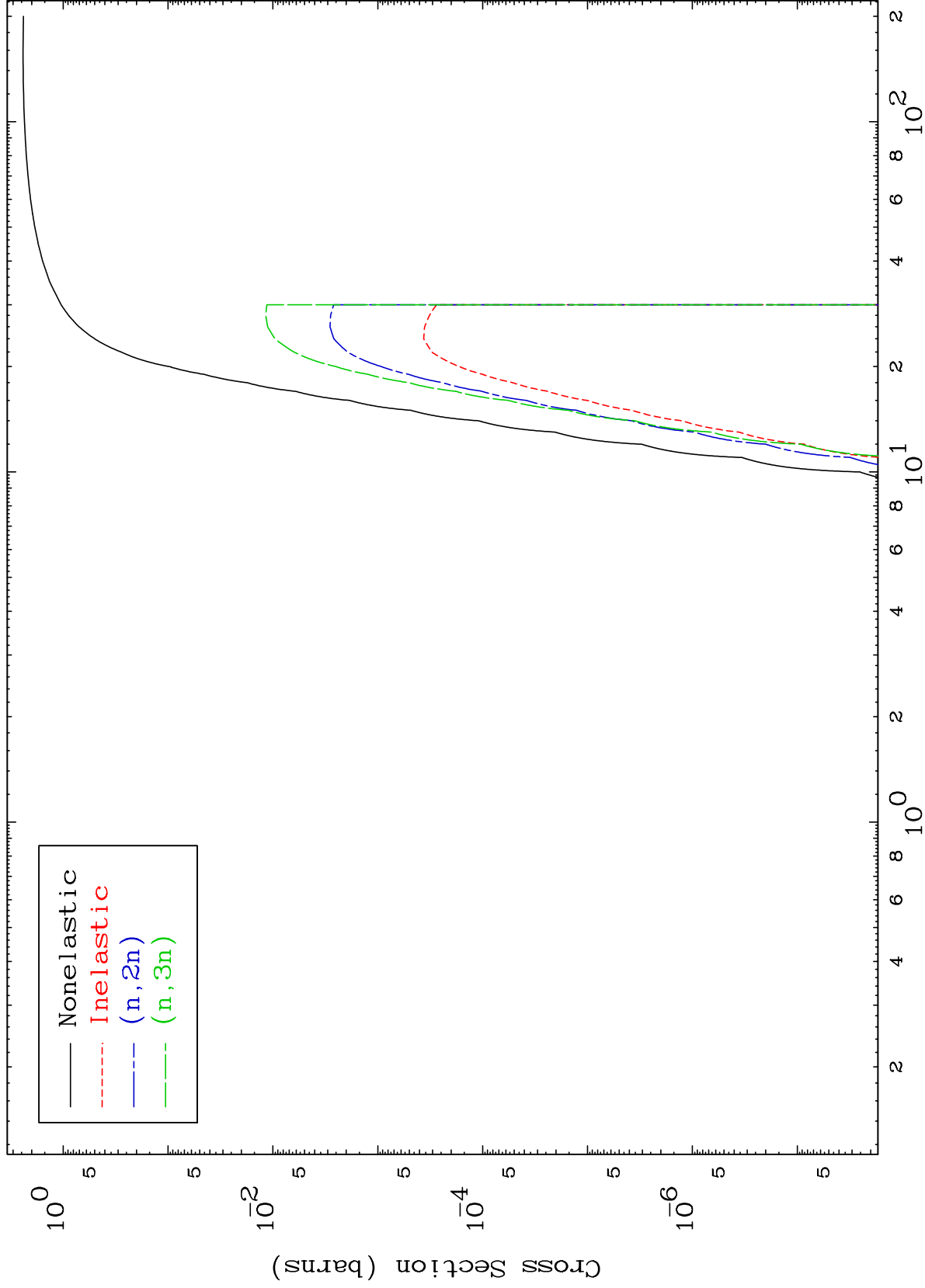
Press Mouse Button to Start

MAT 7744

He-3 Major

77-Ir-197m

0 Kelvin Cross Sections



1

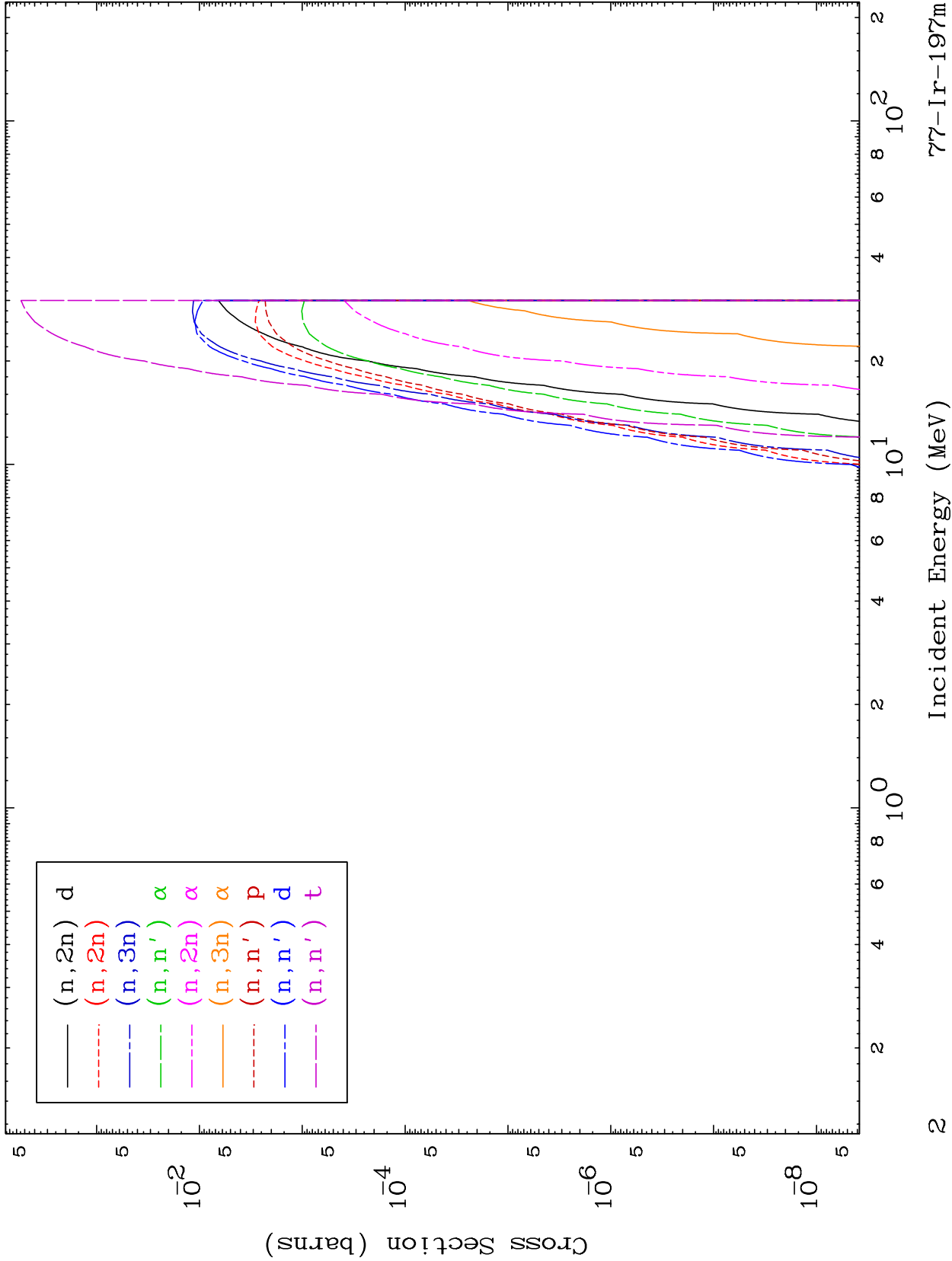
Incident Energy (MeV)

77-Ir-197m

MAT 7744

He-3 Neutron Absorption
0 Kelvin Cross Sections

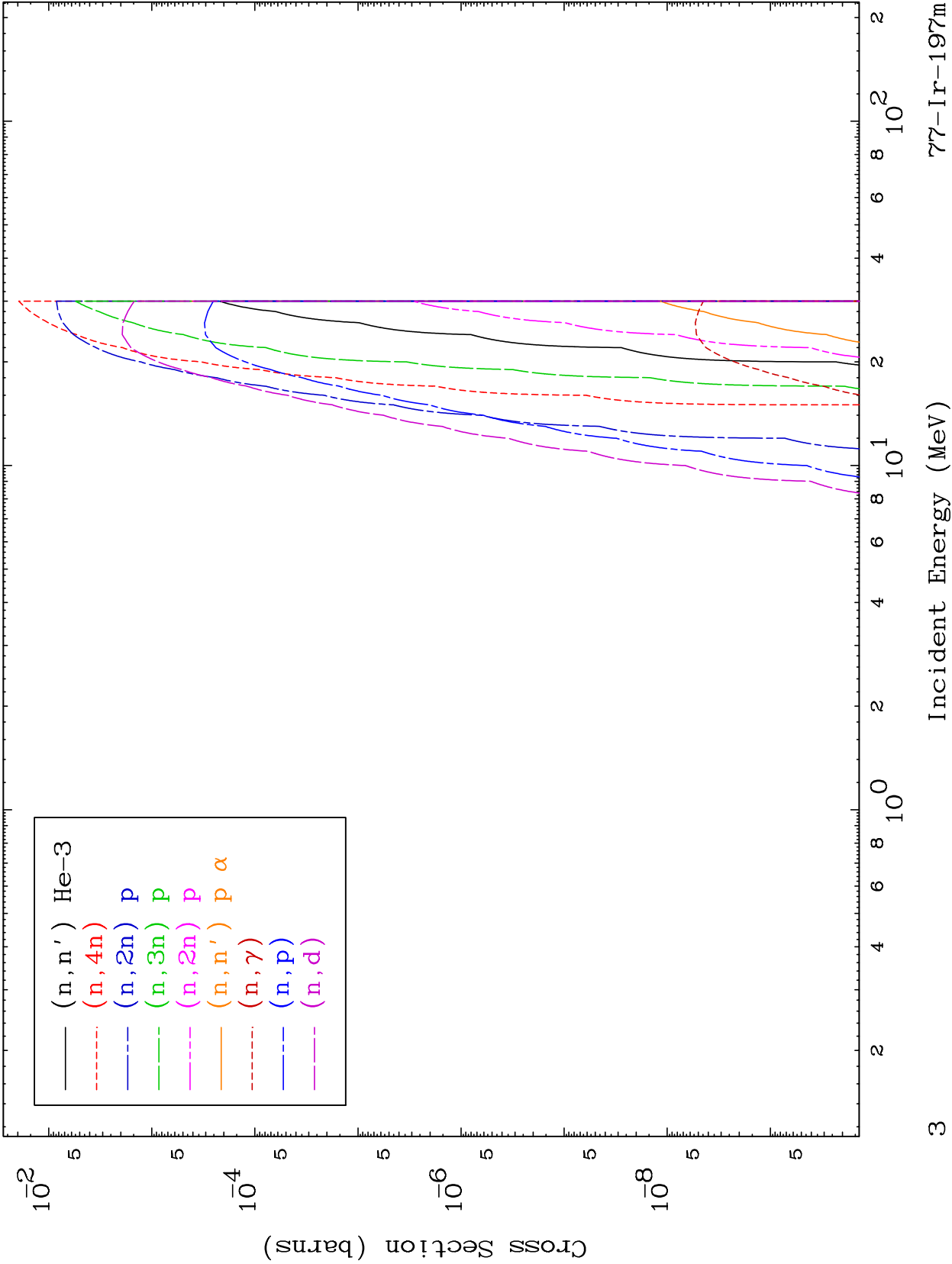
77-Ir-197m



MAT 7744

He-3 Neutron Absorption
0 Kelvin Cross Sections

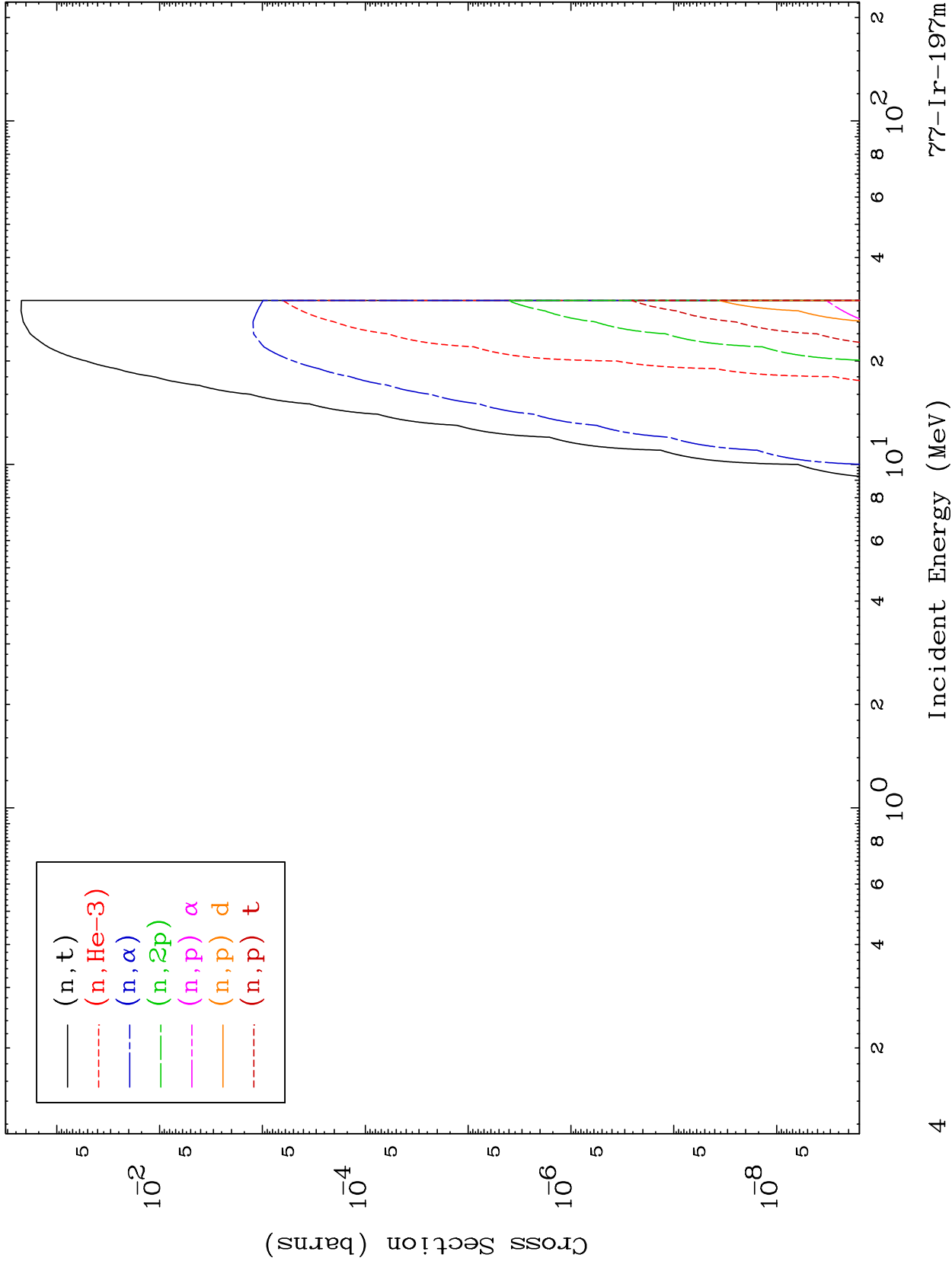
77-Ir-197m



MAT 7744

He-3 Neutron Absorption
0 Kelvin Cross Sections

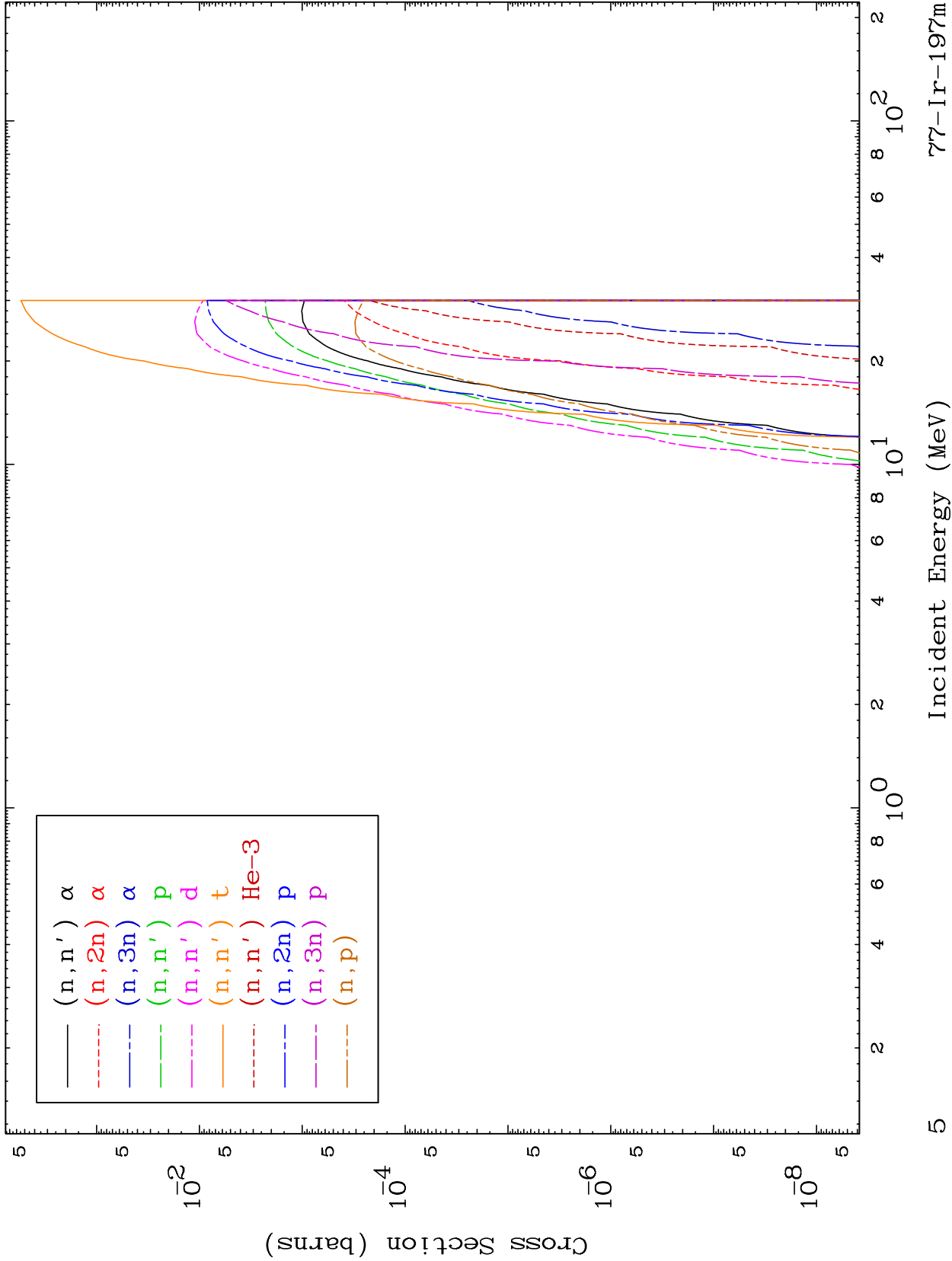
77-Ir-197m



MAT 7744

He-3 Charged Particle
0 Kelvin Cross Sections

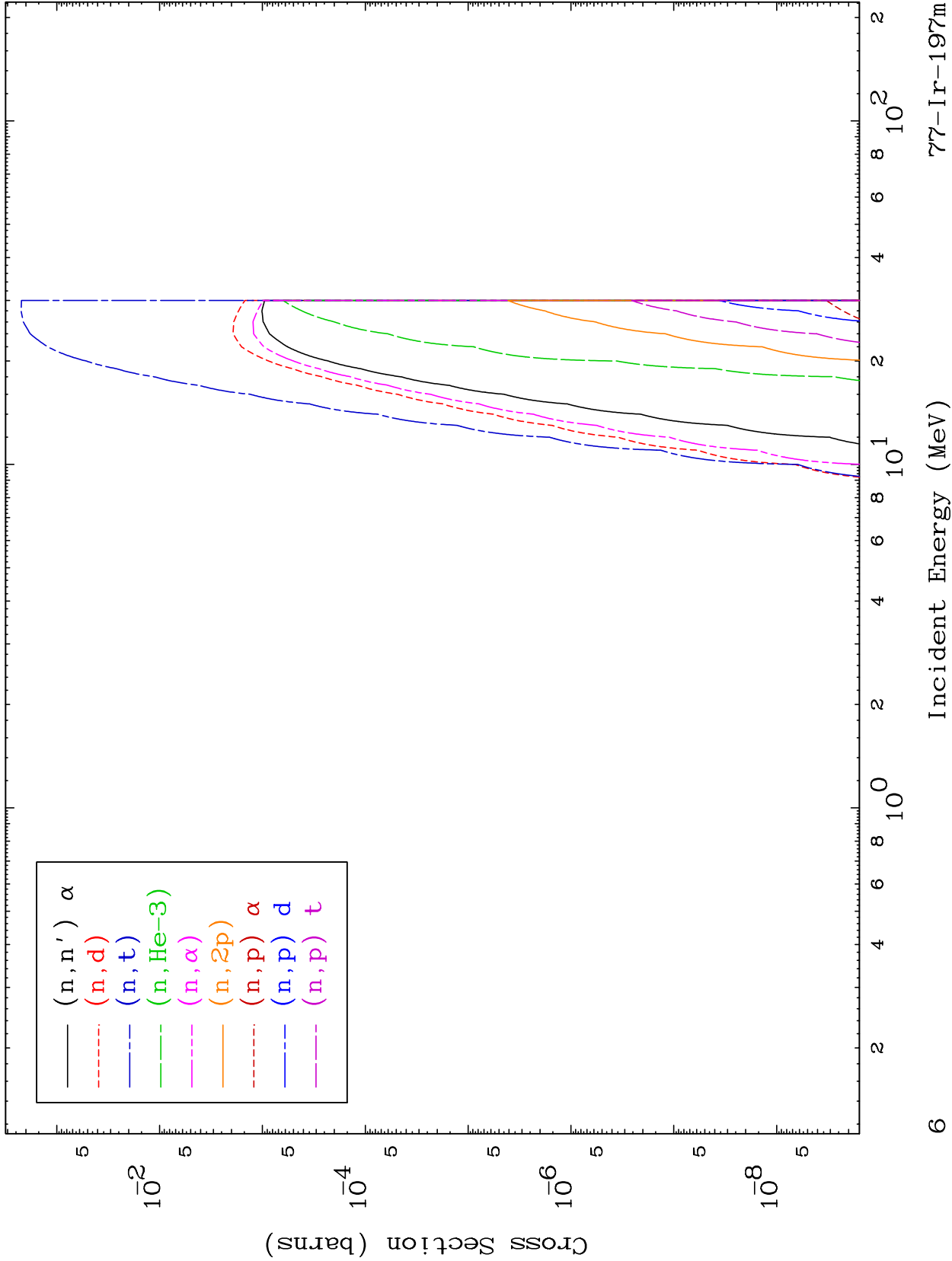
77-Ir-197m



5

Incident Energy (MeV)

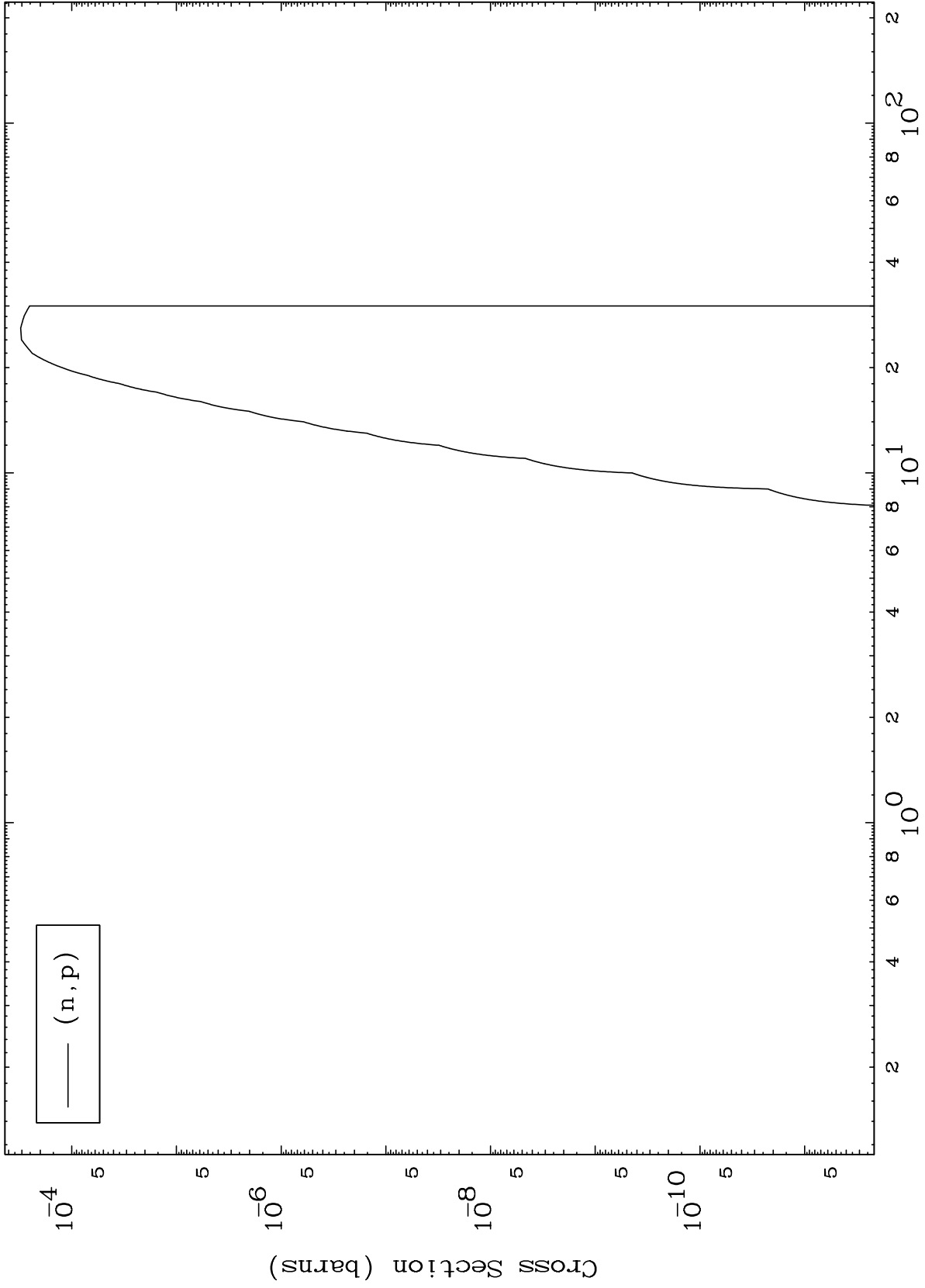
77-Ir-197m



MAT 7744

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

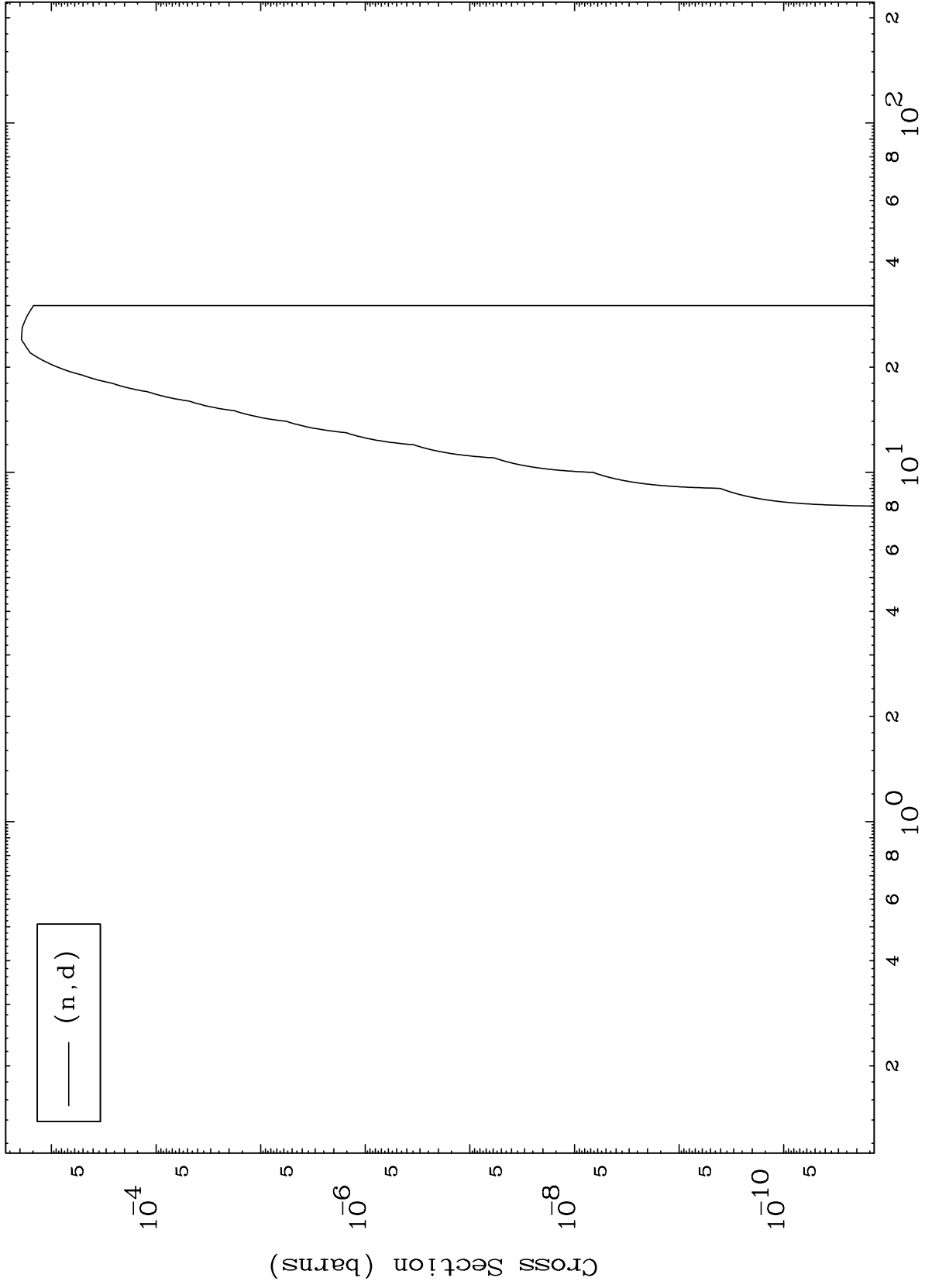
77-Ir-197m



MAT 7744

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

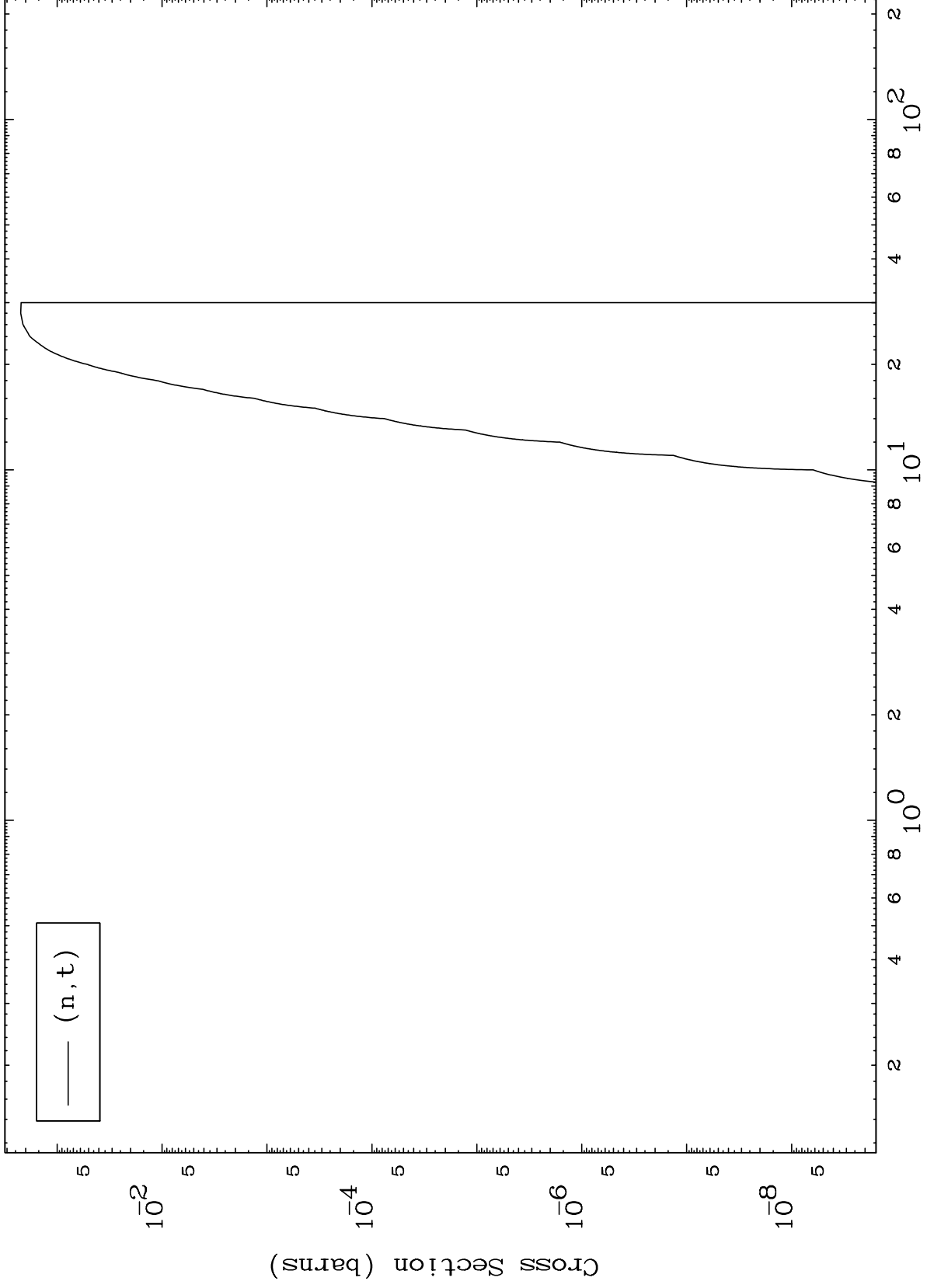
77-Ir-197m



MAT 7744

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

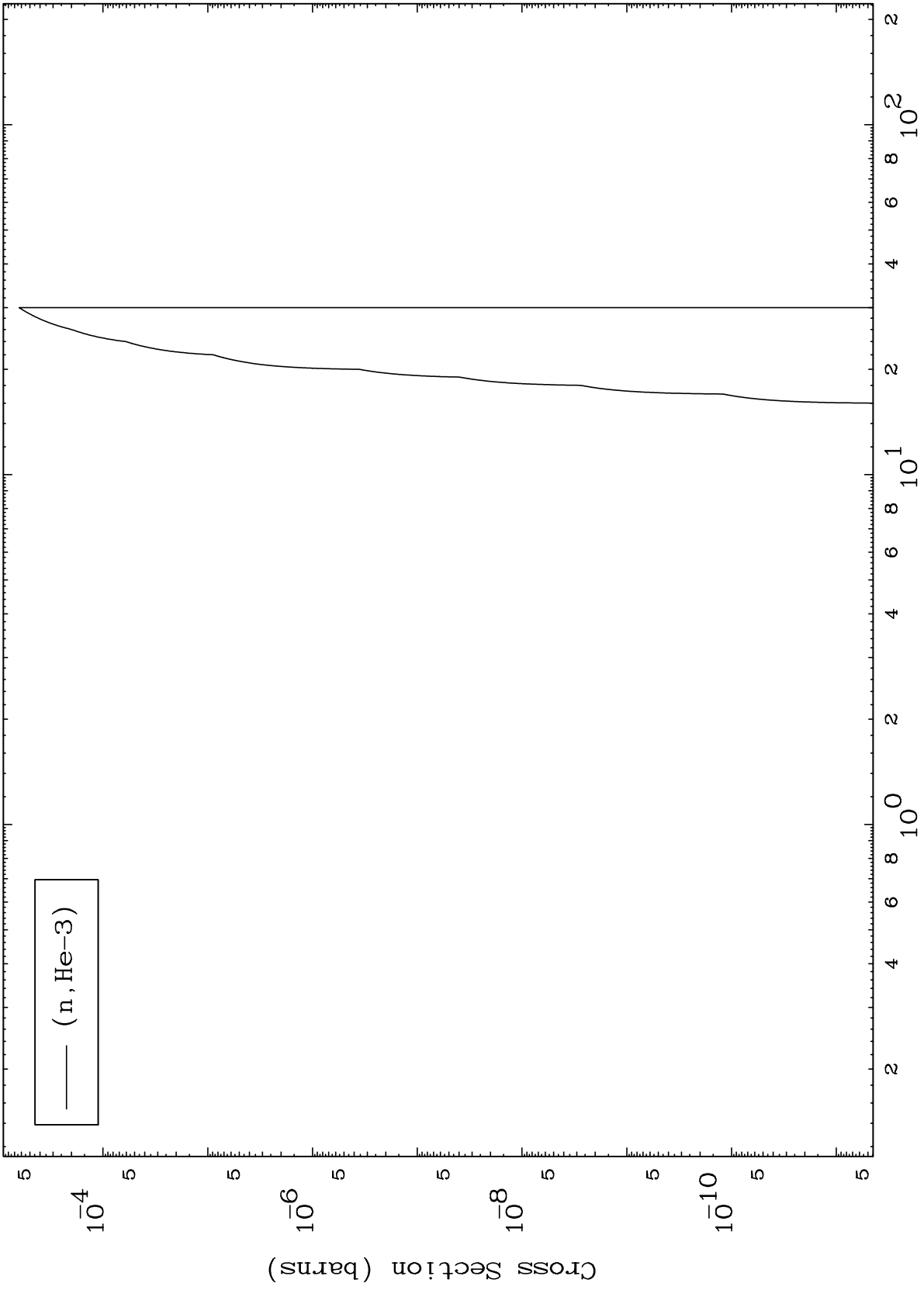
77-Ir-197m



MAT 7744

(He-3, He3) Levels
0 Kelvin Cross Sections

77-Ir-197m



10

Incident Energy (MeV)

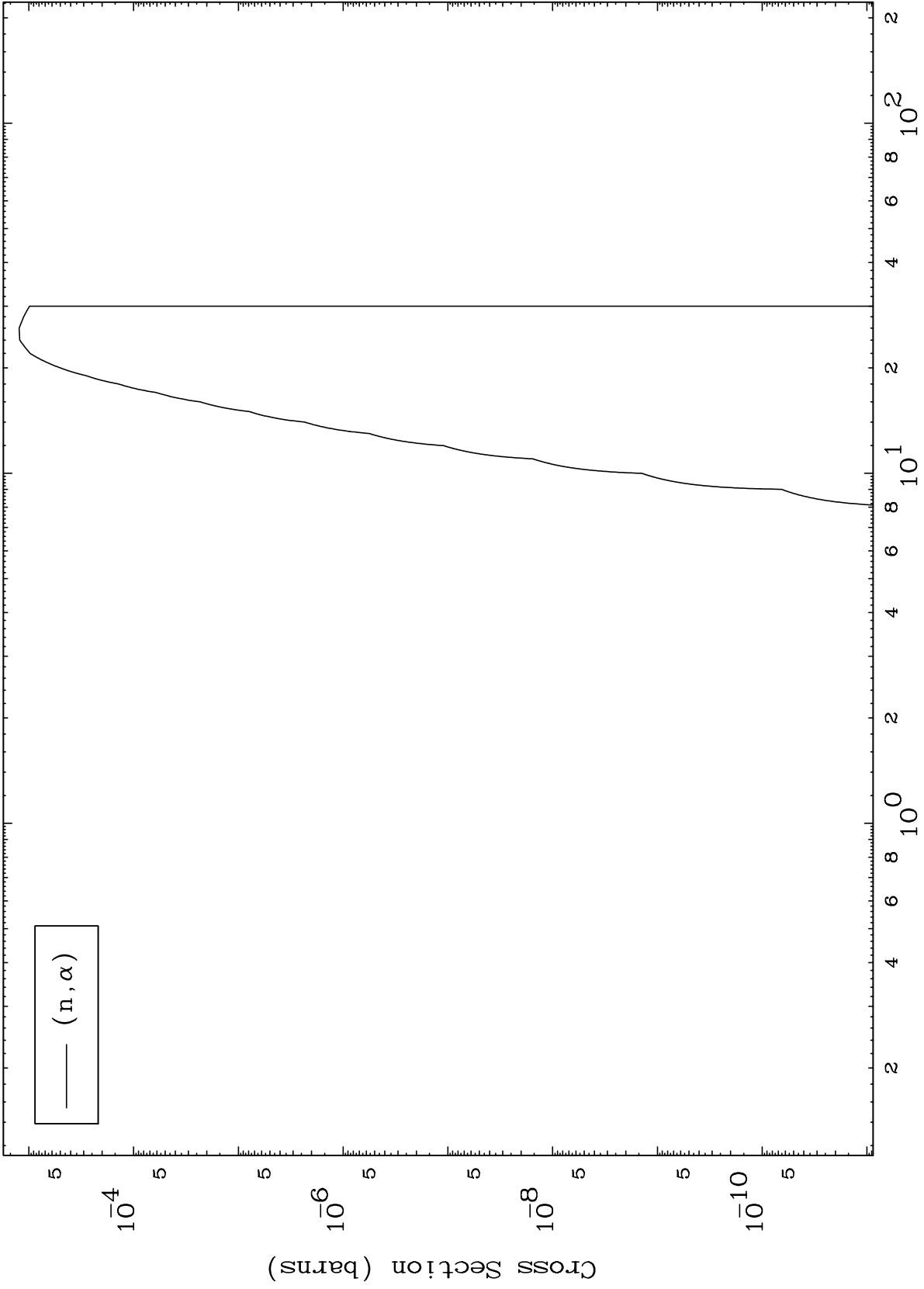
77-Ir-197m

MAT 7744

(He-3, α) Levels

77-Ir-197m

0 Kelvin Cross Sections

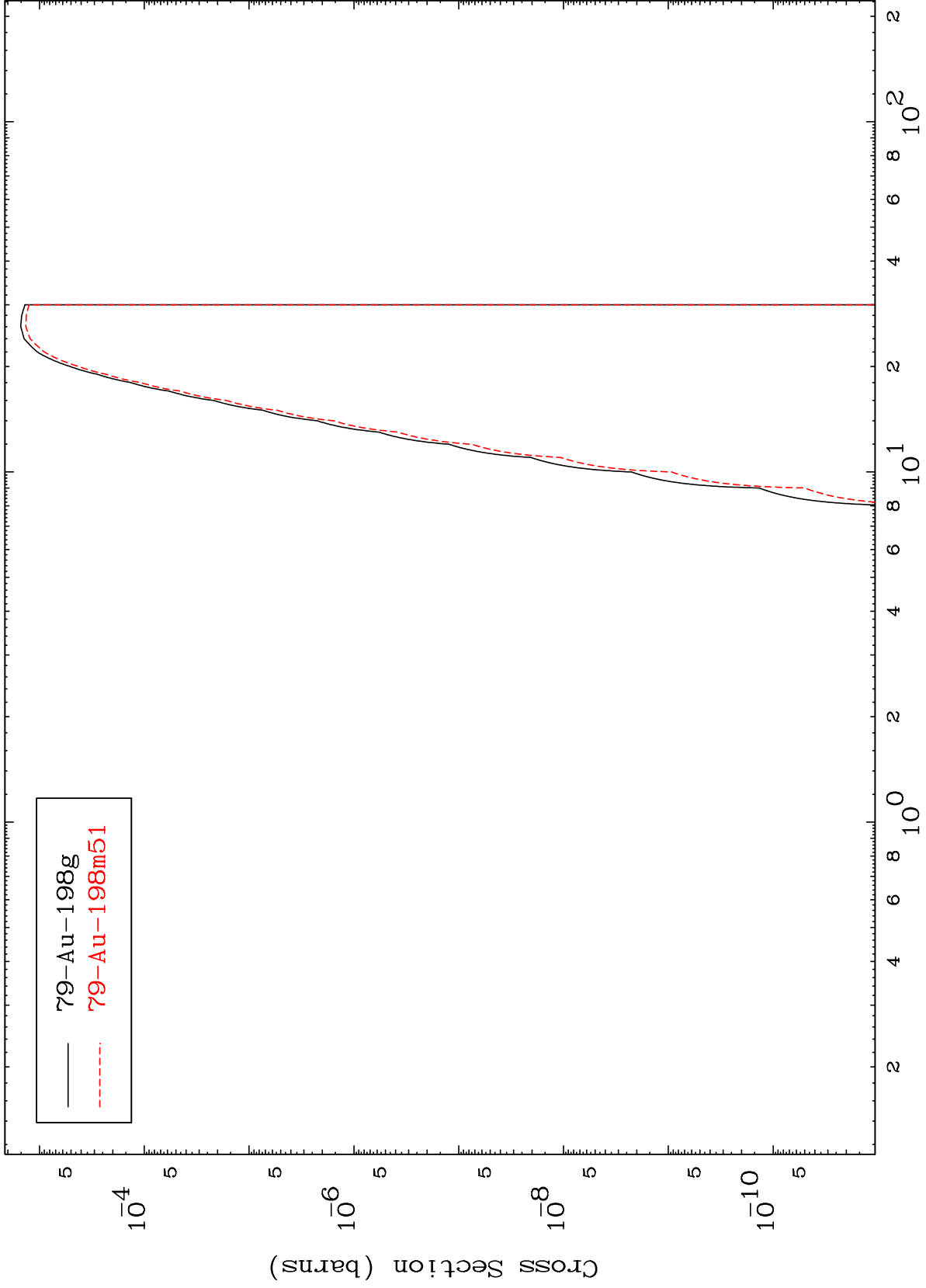


MAT 7744

(n,2n)

77-Ir-197m

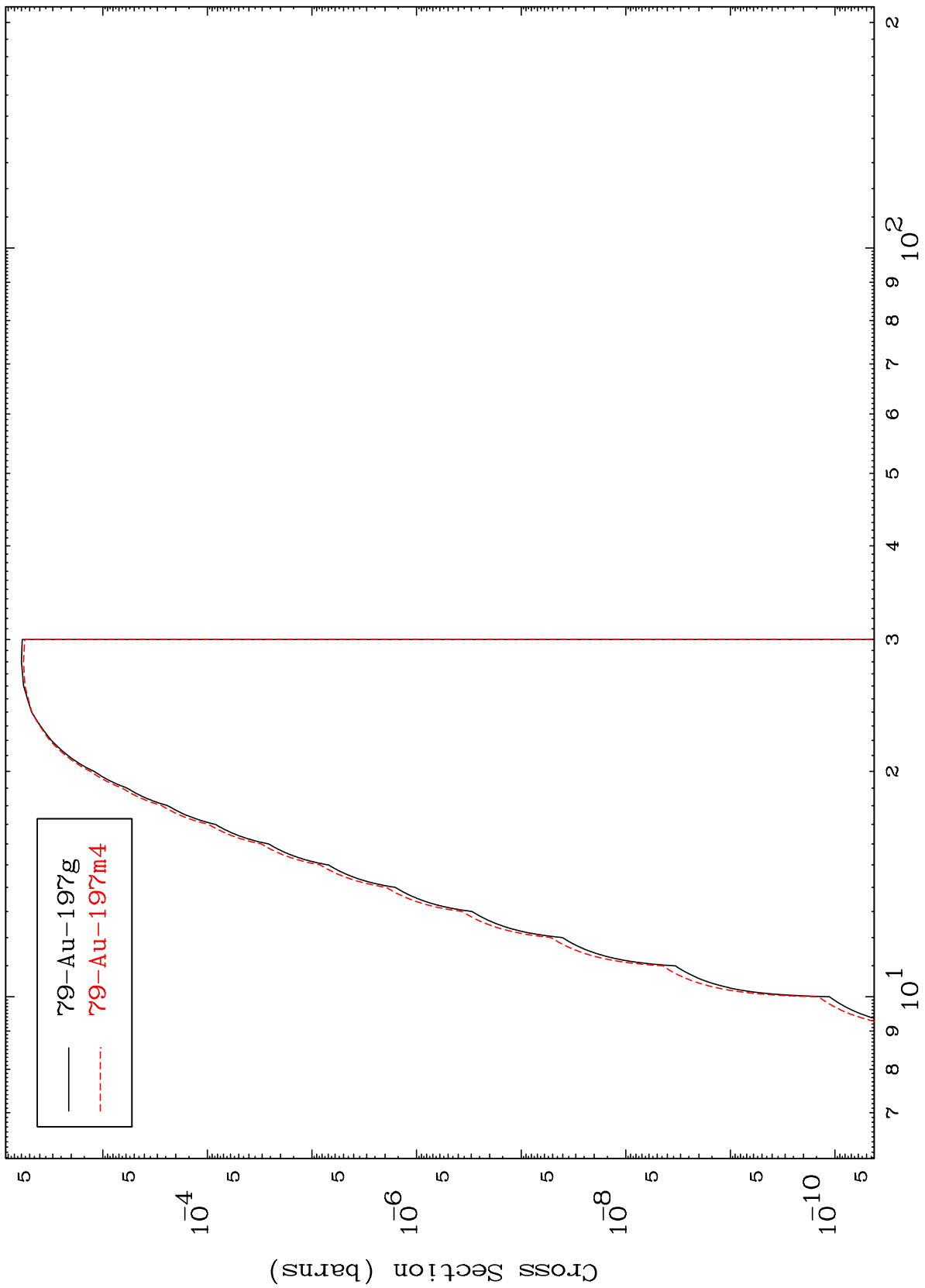
Radionuclide Production Cross Section



MAT 7744

⁷⁷Ir-197m

Radionuclide Production Cross Section



79-Au-197g
79-Au-197m4

⁷⁷Ir-197m

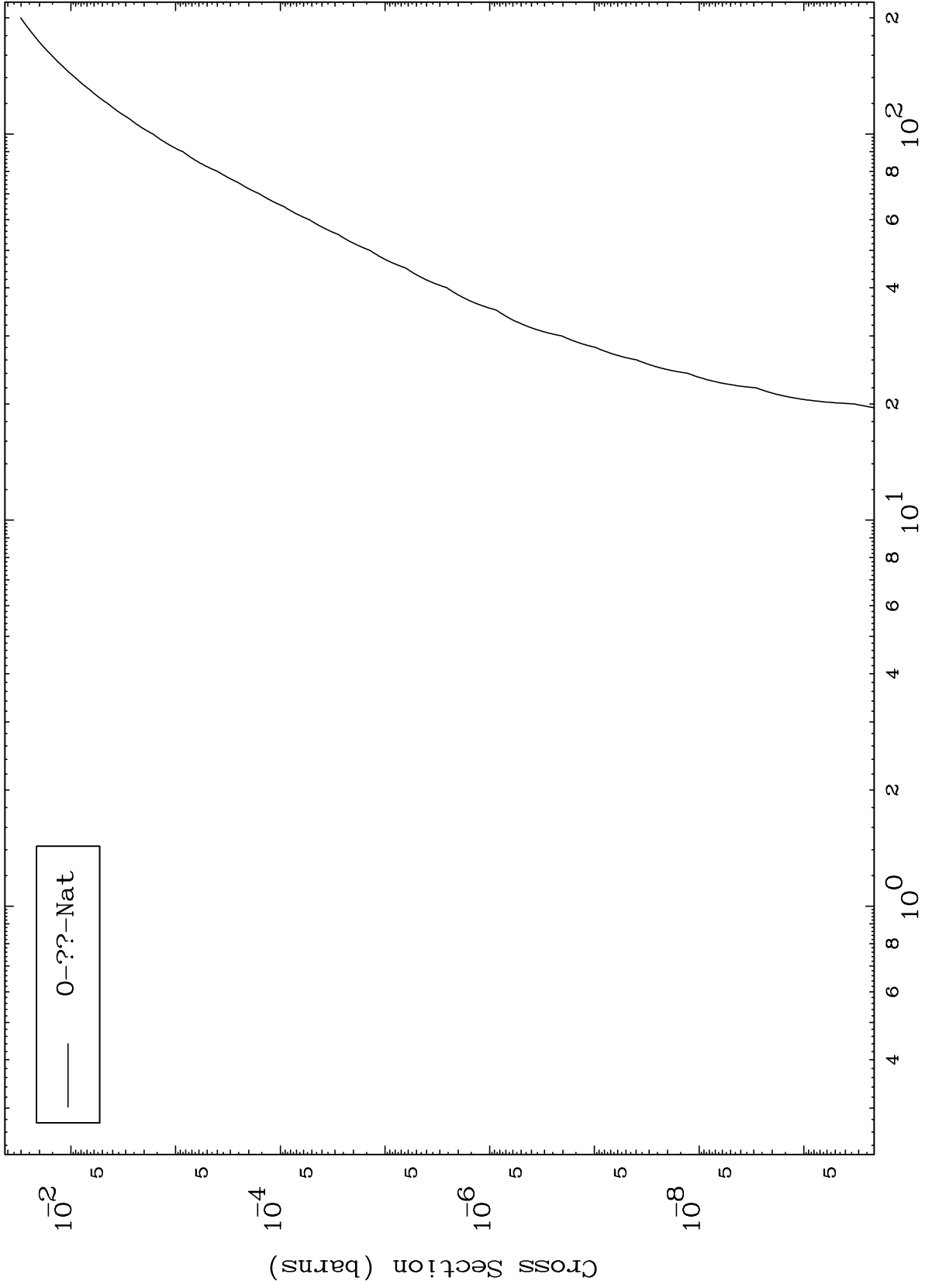
Incident Energy (MeV)

13

MAT 7744

Fission
Radionuclide Production Cross Section

77-Ir-197m



14

Incident Energy (MeV)

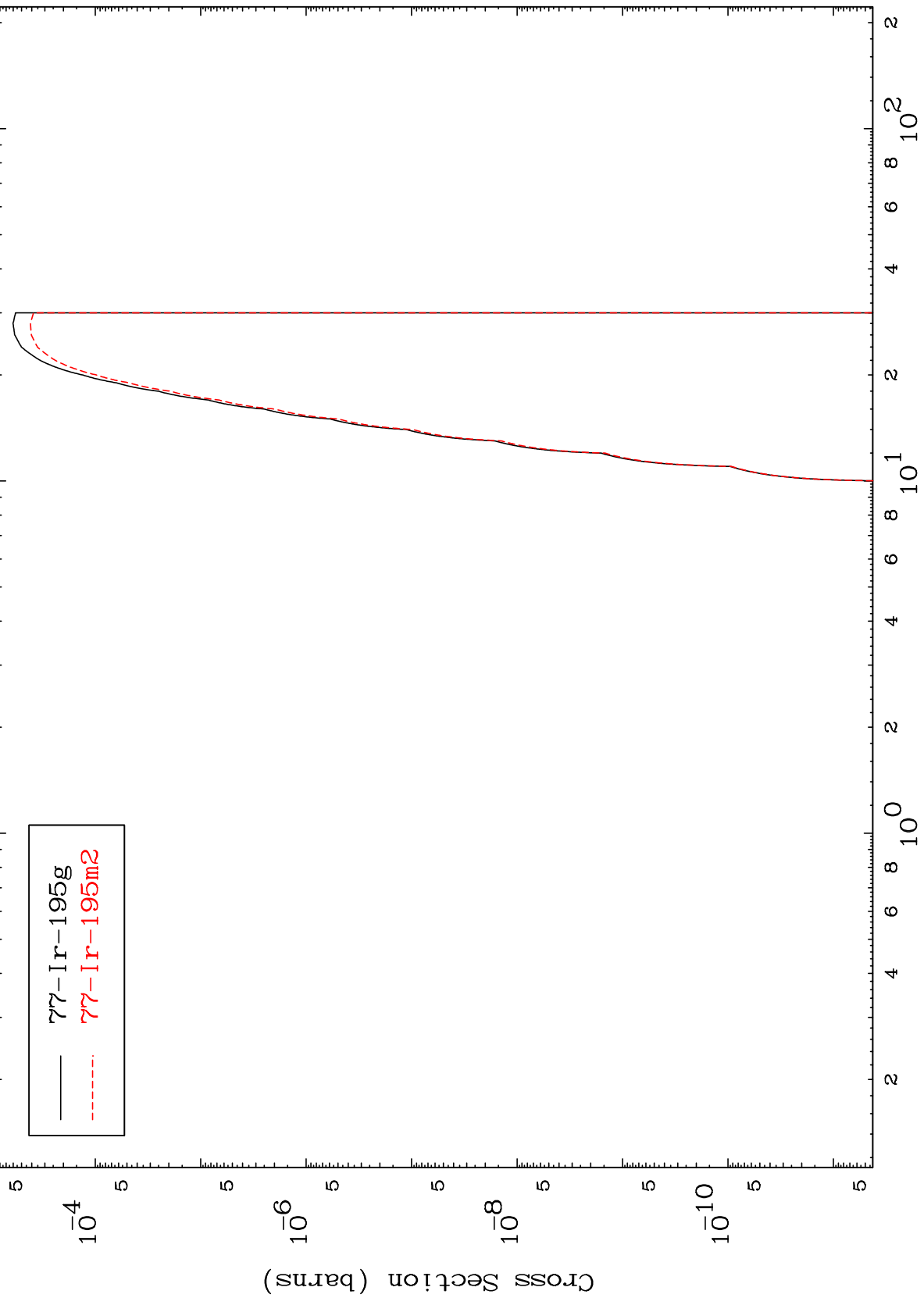
77-Ir-197m

MAT 7744

(n,n') α

77-Ir-197m

Radionuclide Production Cross Section

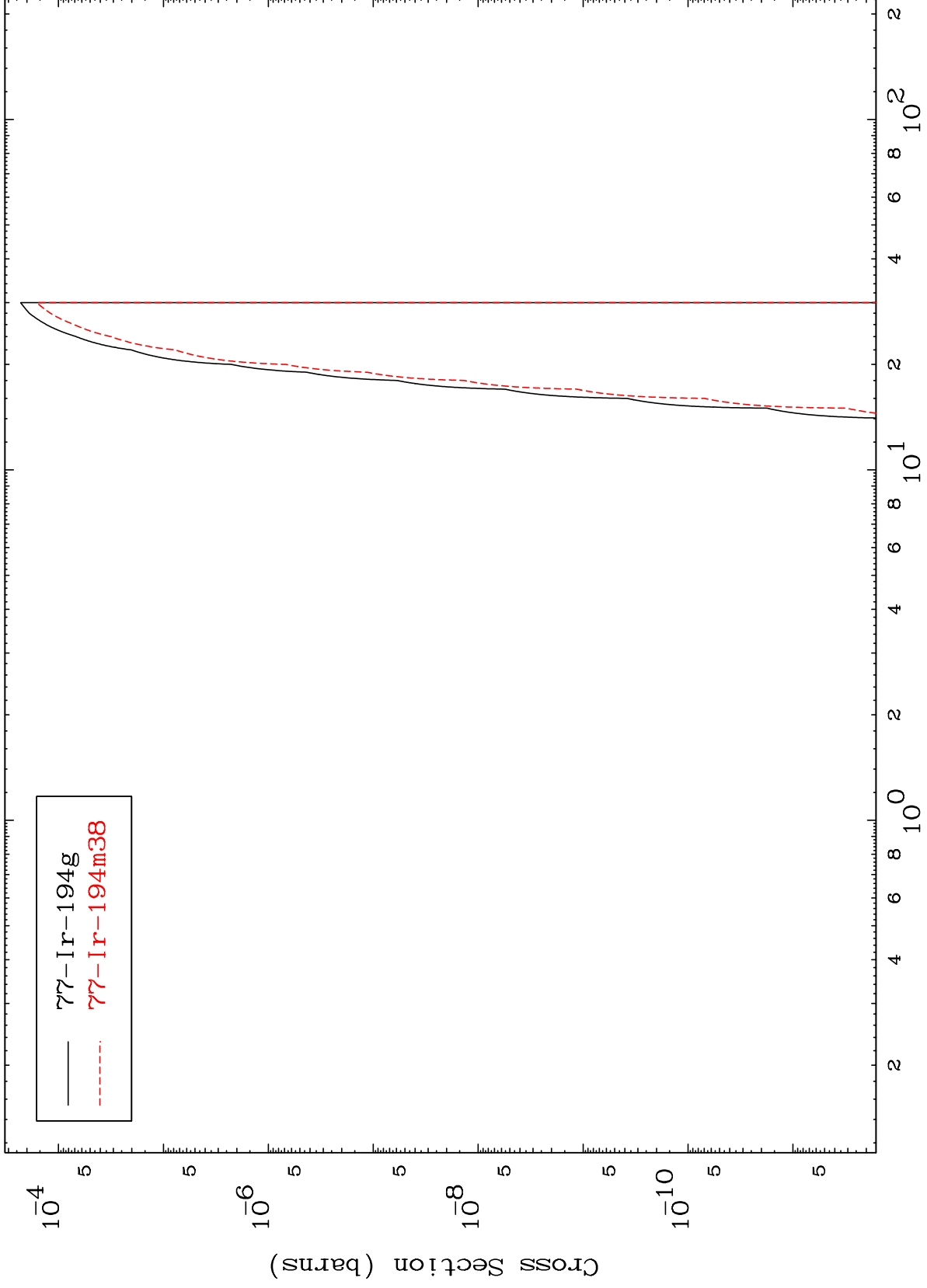


MAT 7744

(n,2n) α

⁷⁷Ir-197m

Radionuclide Production Cross Section

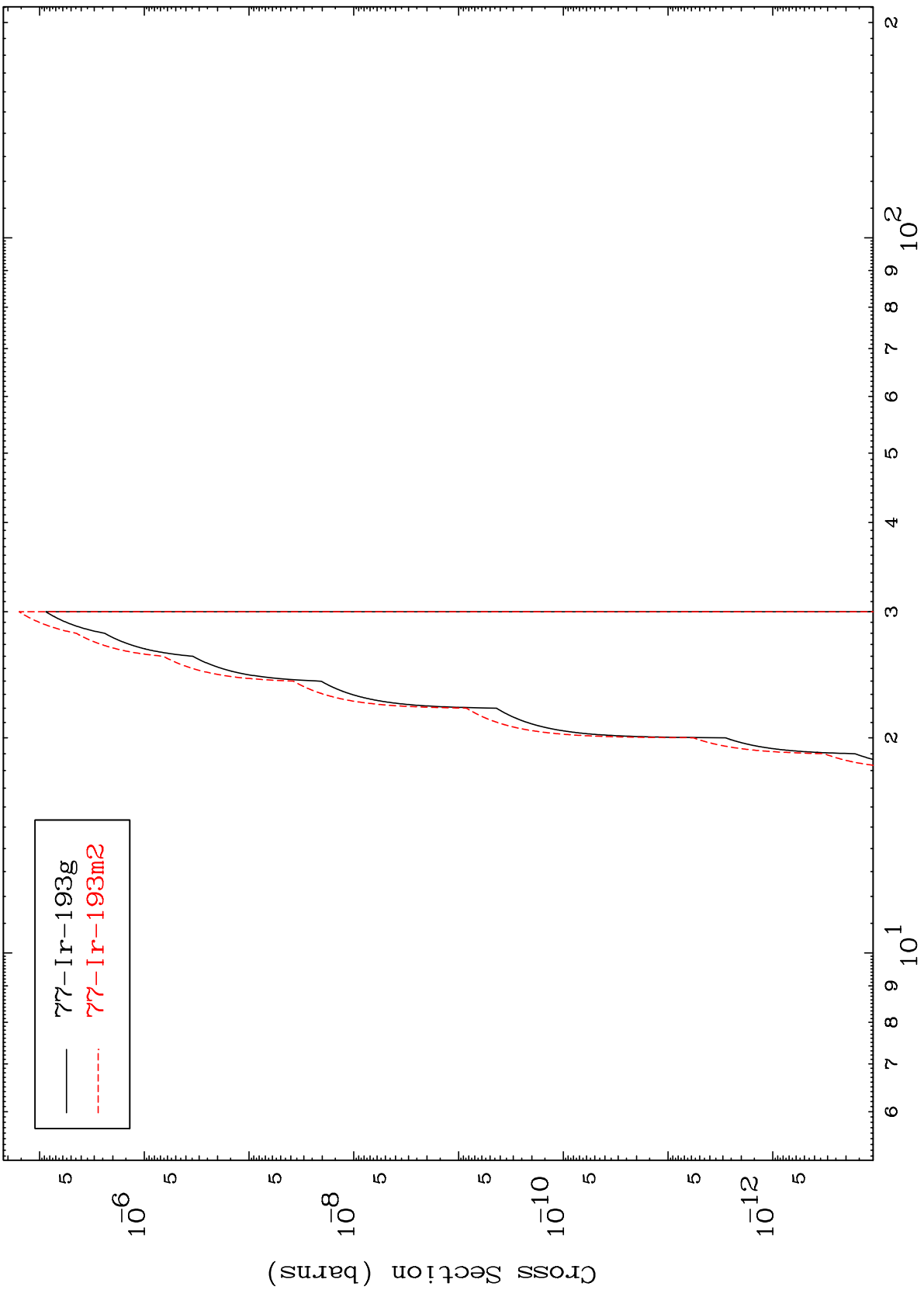


MAT 7744

$(n,3n) \alpha$

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

Radionuclide Production Cross Section



— $^{77}\text{Ir}-193\text{g}$
- - - $^{77}\text{Ir}-193\text{m}2$

17

Incident Energy (MeV)

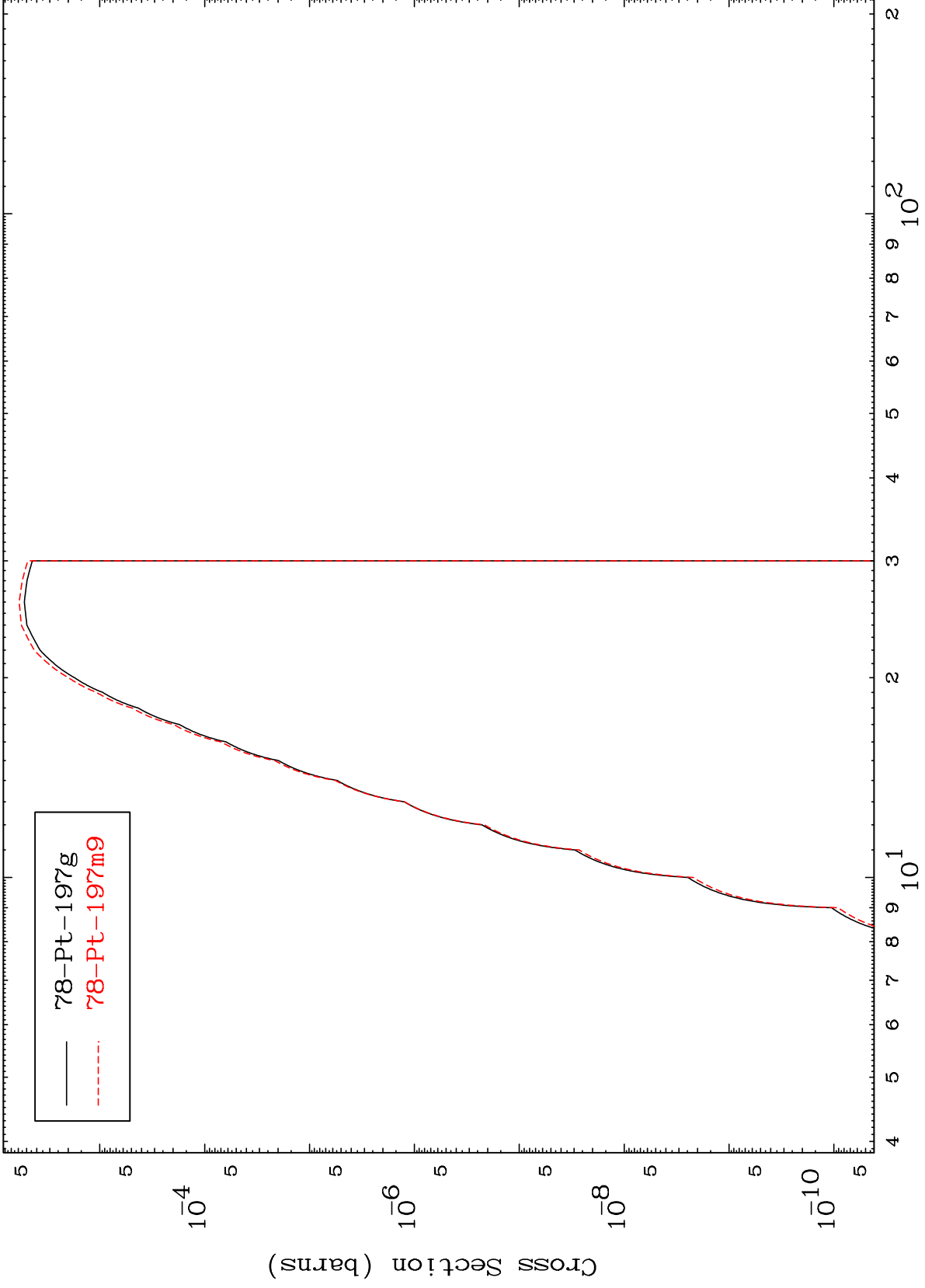
$^{77}\text{Ir}-197\text{m}$

MAT 7744

(n,n') d

77-Ir-197m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

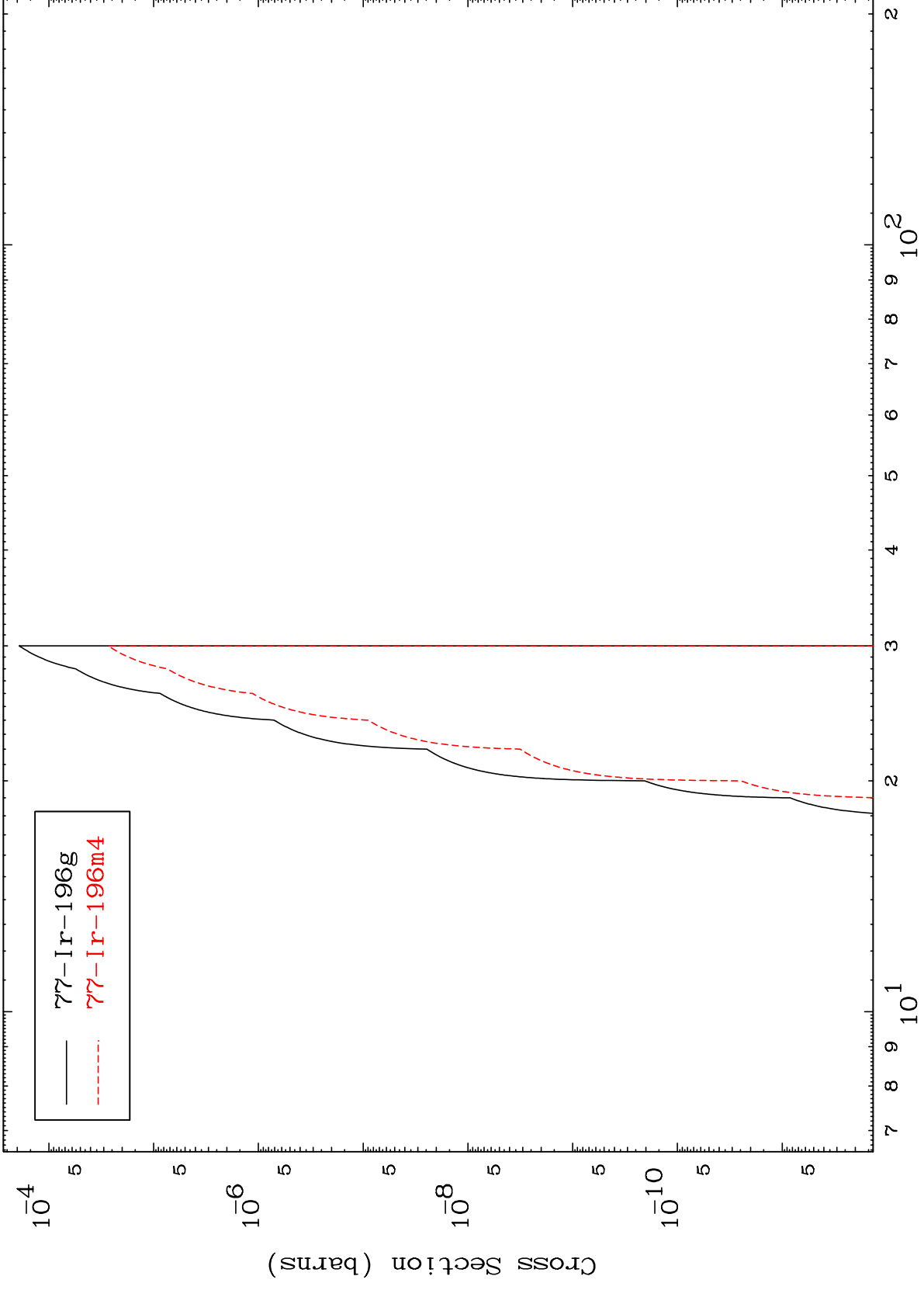
77-Ir-197m

MAT 7744

(n,n') He-3

77-Ir-197m

Radionuclide Production Cross Section



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

19

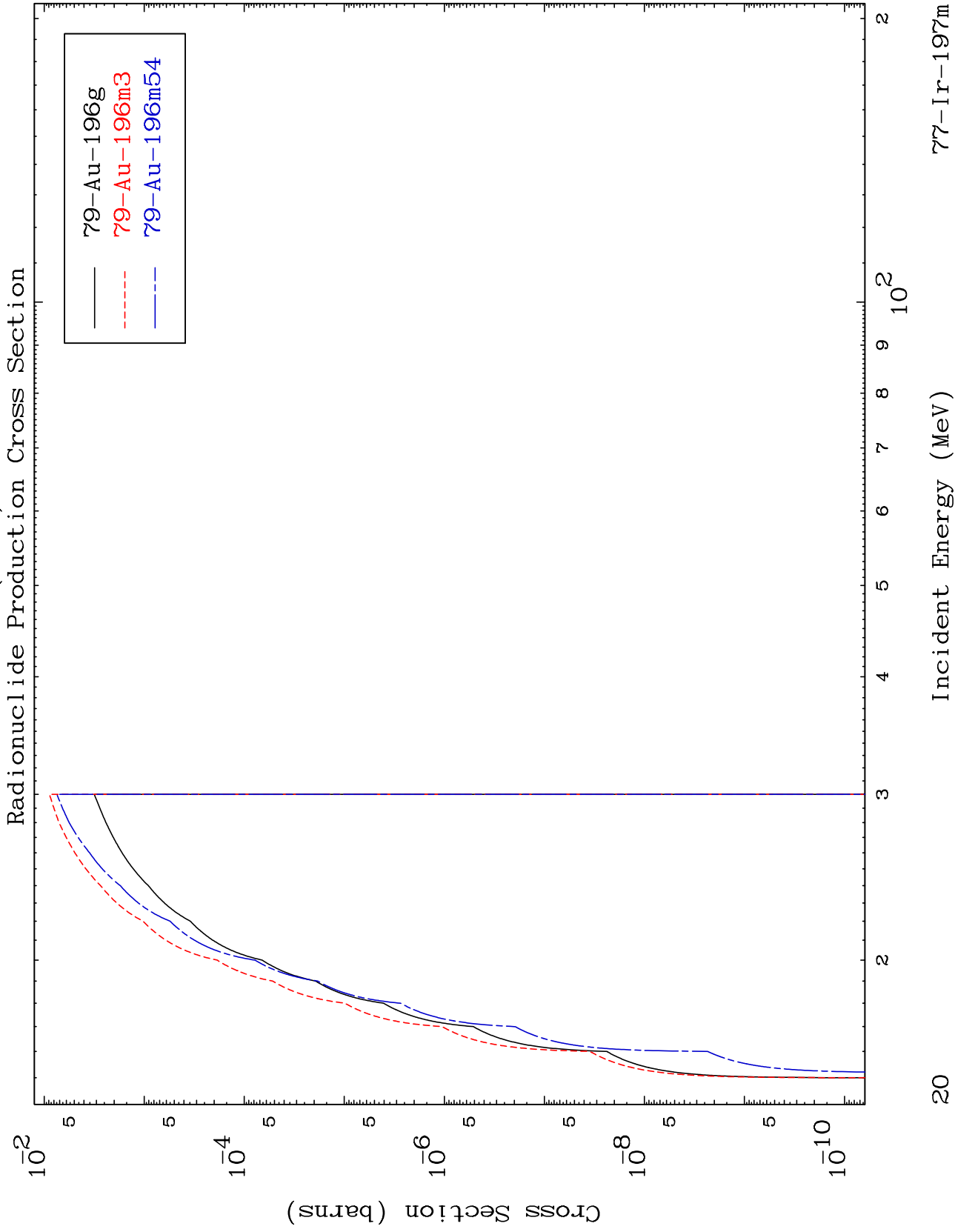
Incident Energy (MeV)

77-Ir-197m

MAT 7744

(n,4n)

77-Ir-197m



20

Incident Energy (MeV)

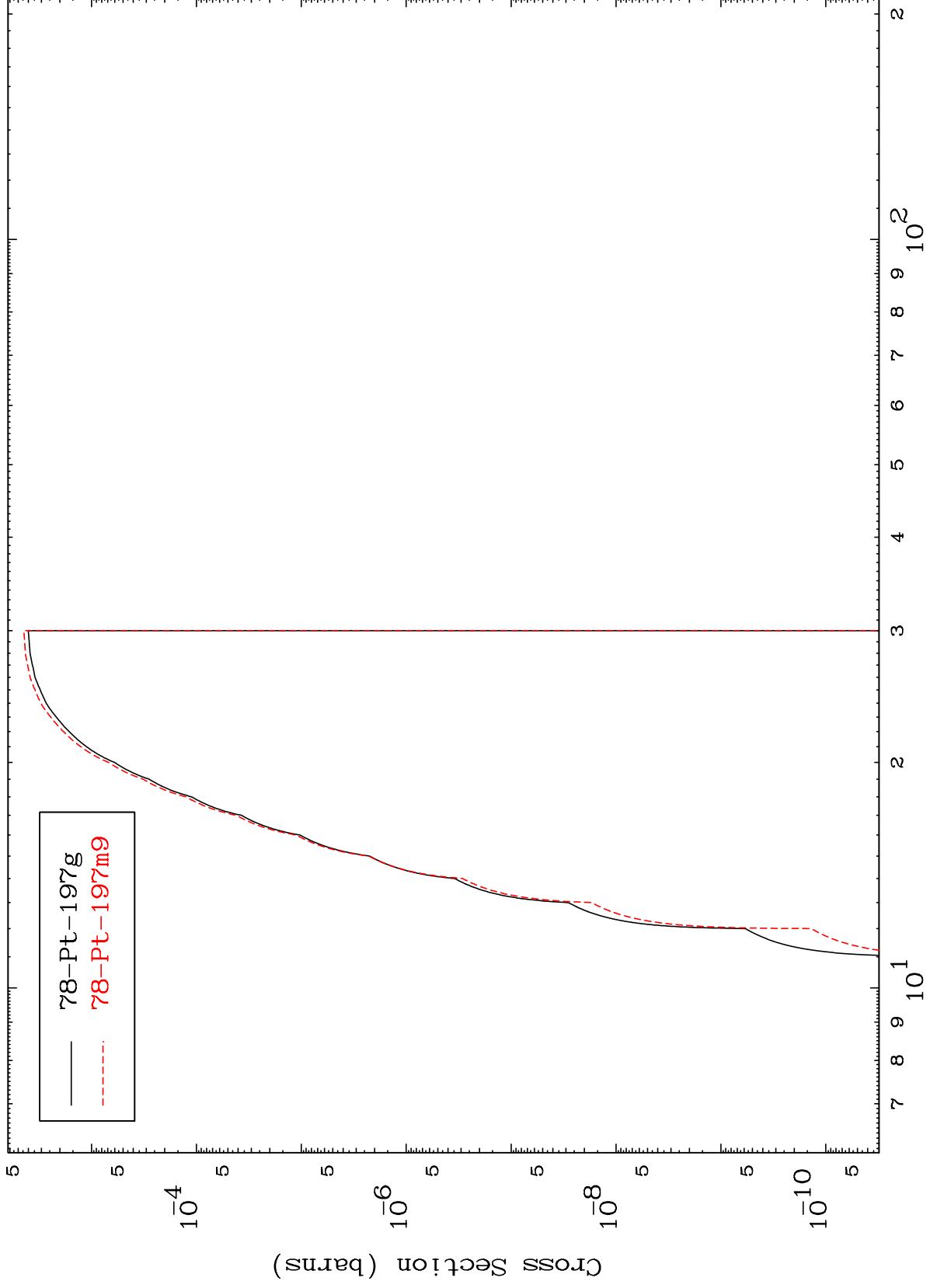
77-Ir-197m

MAT 7744

(n,2n) p

77-Ir-197m

Radionuclide Production Cross Section

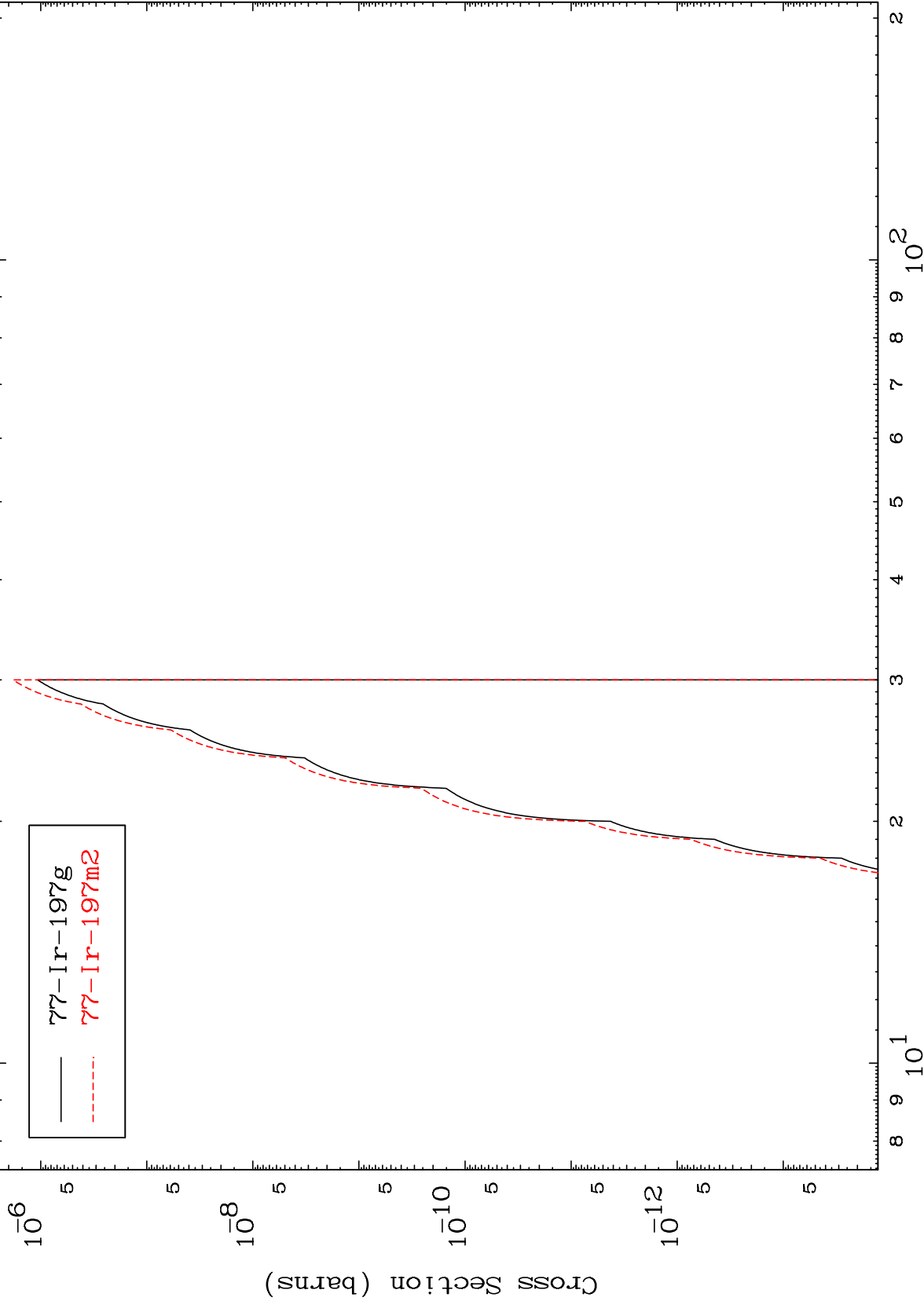


MAT 7744

(n,2n) p

⁷⁷Ir-197m

Radionuclide Production Cross Section



— ⁷⁷Ir-197g
- - - ⁷⁷Ir-197m2

Incident Energy (MeV)

⁷⁷Ir-197m

MAT 7744

(n, γ)

77-Ir-197m

Radionuclide Production Cross Section



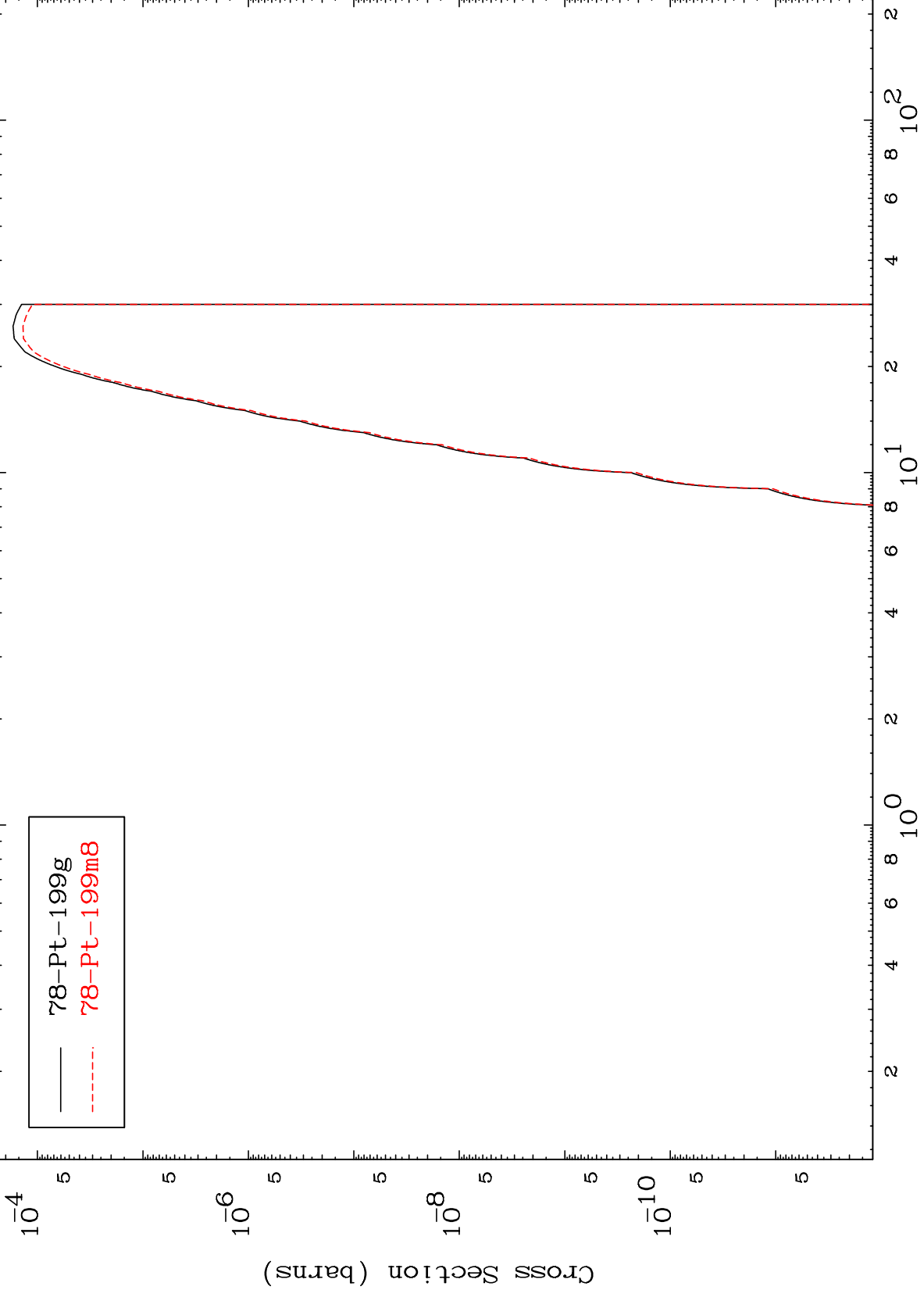
79-Au-200g
79-Au-200m11

MAT 7744

(n,p)

77-Ir-197m

Radionuclide Production Cross Section



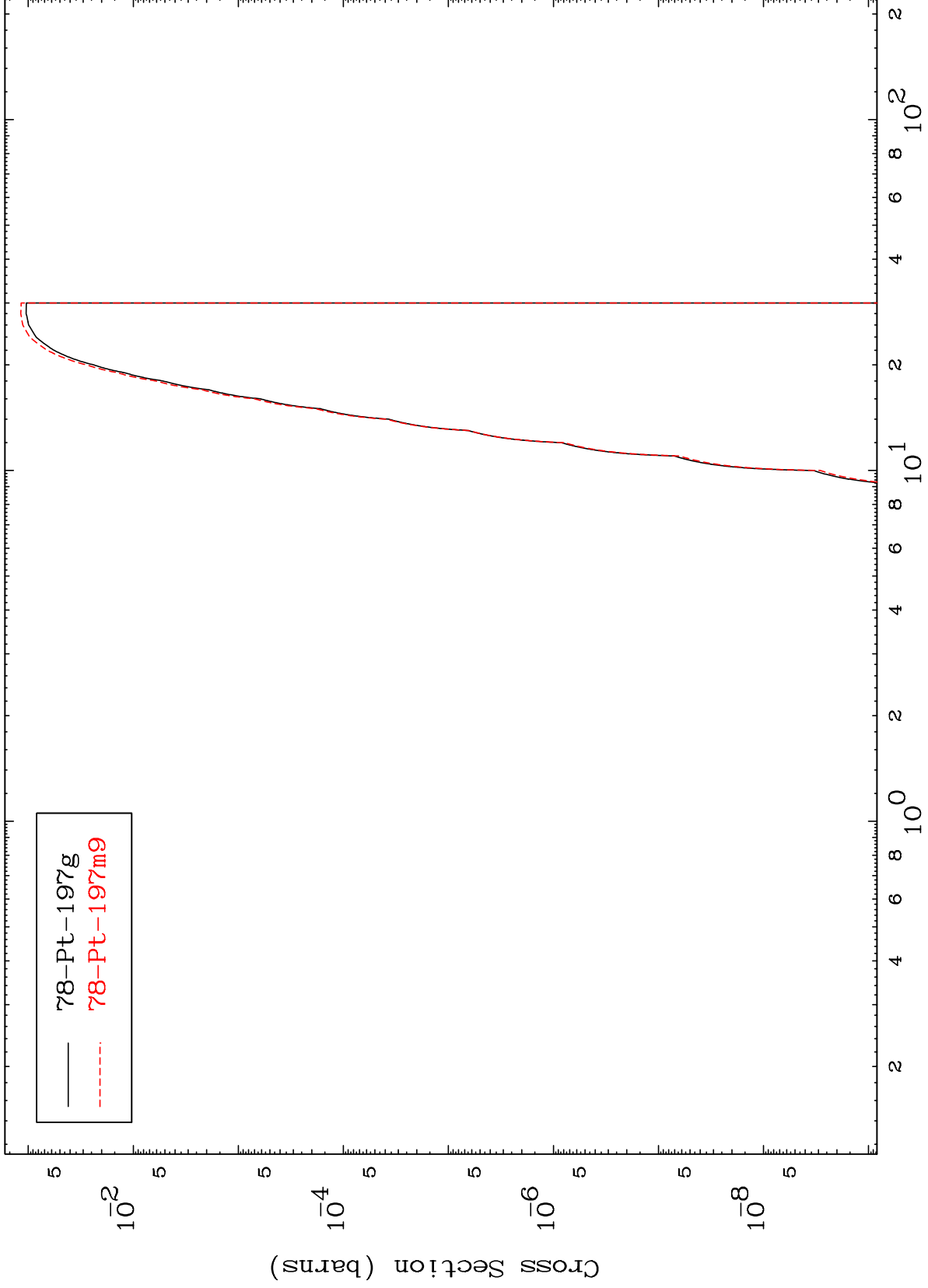
78-Pt-199g
78-Pt-199m8

MAT 7744

(n, t)

⁷⁷Ir-197m

Radionuclide Production Cross Section



25

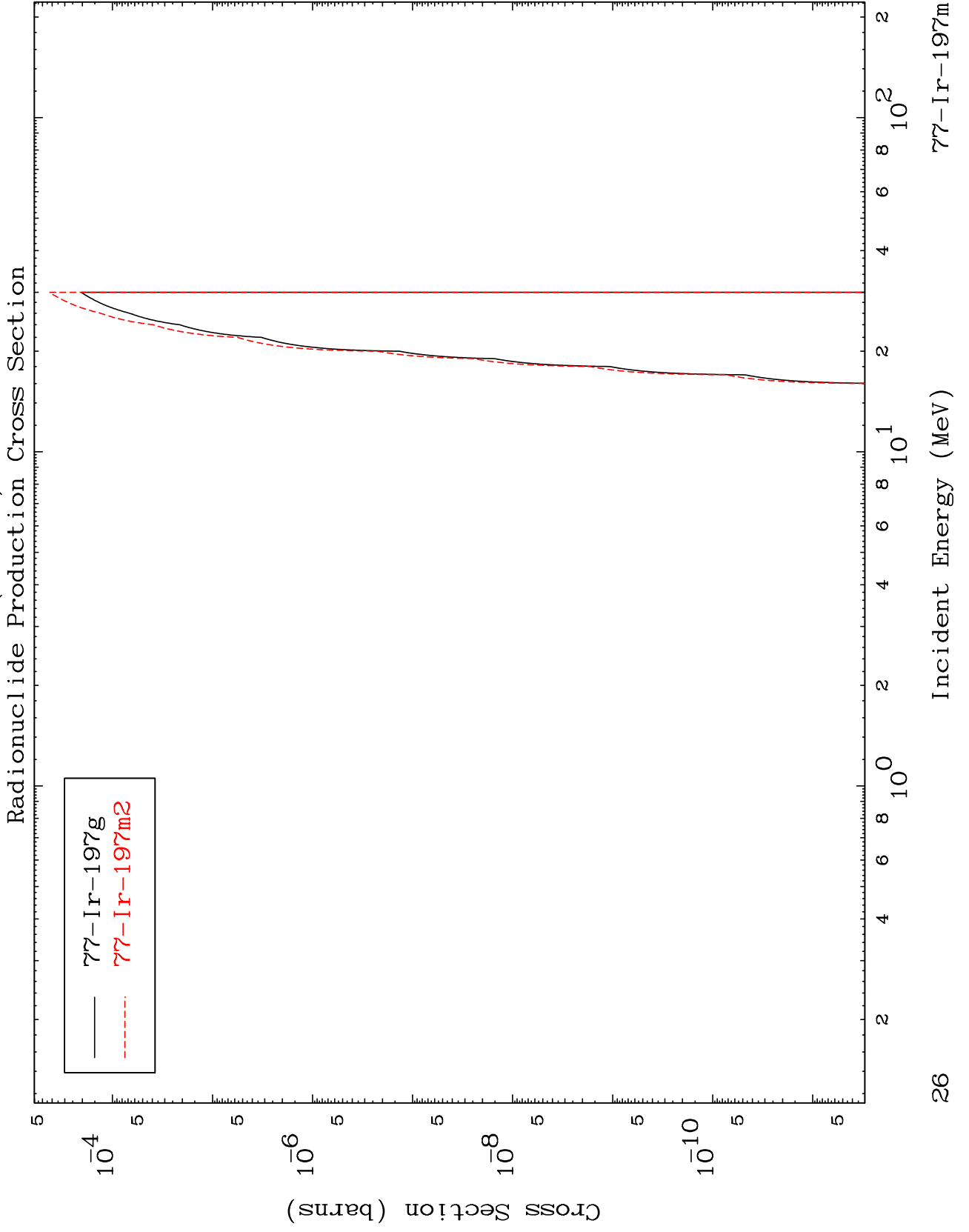
Incident Energy (MeV)

⁷⁷Ir-197m

MAT 7744

(n,He-3)

⁷⁷Ir-197m

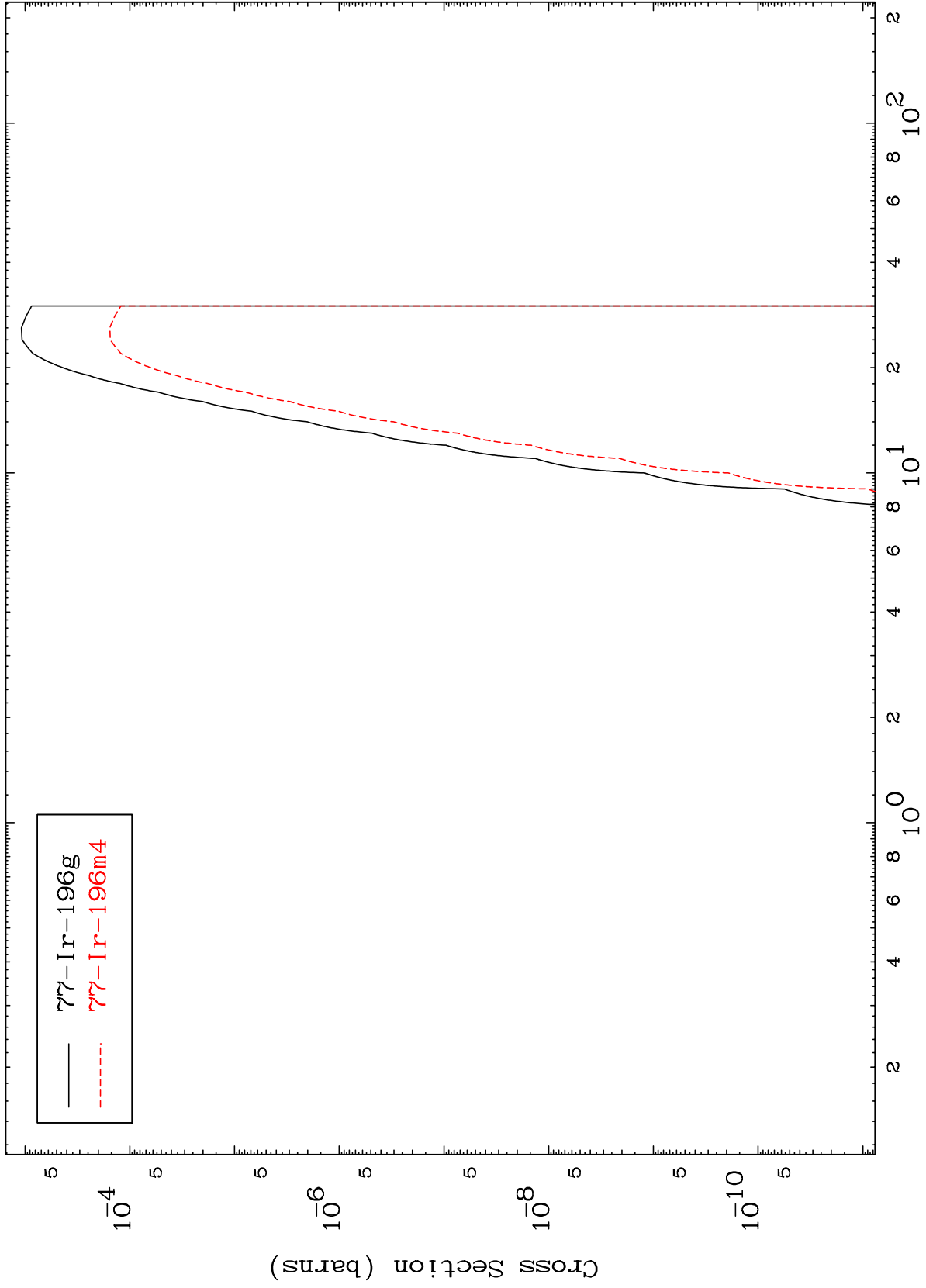


MAT 7744

(n, α)

⁷⁷Ir-197m

Radionuclide Production Cross Section

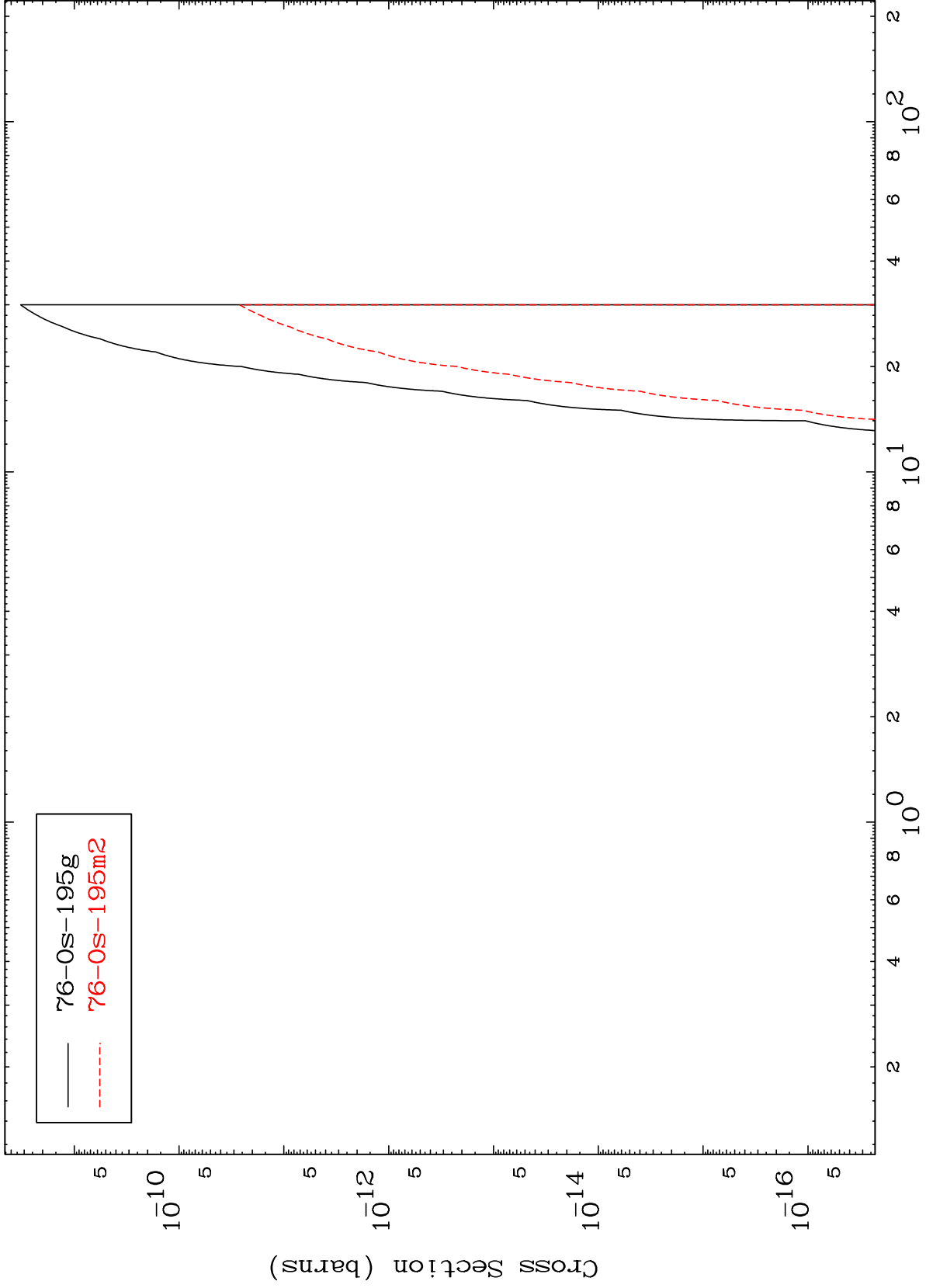


MAT 7744

(n,p) α

77-Ir-197m

Radionuclide Production Cross Section

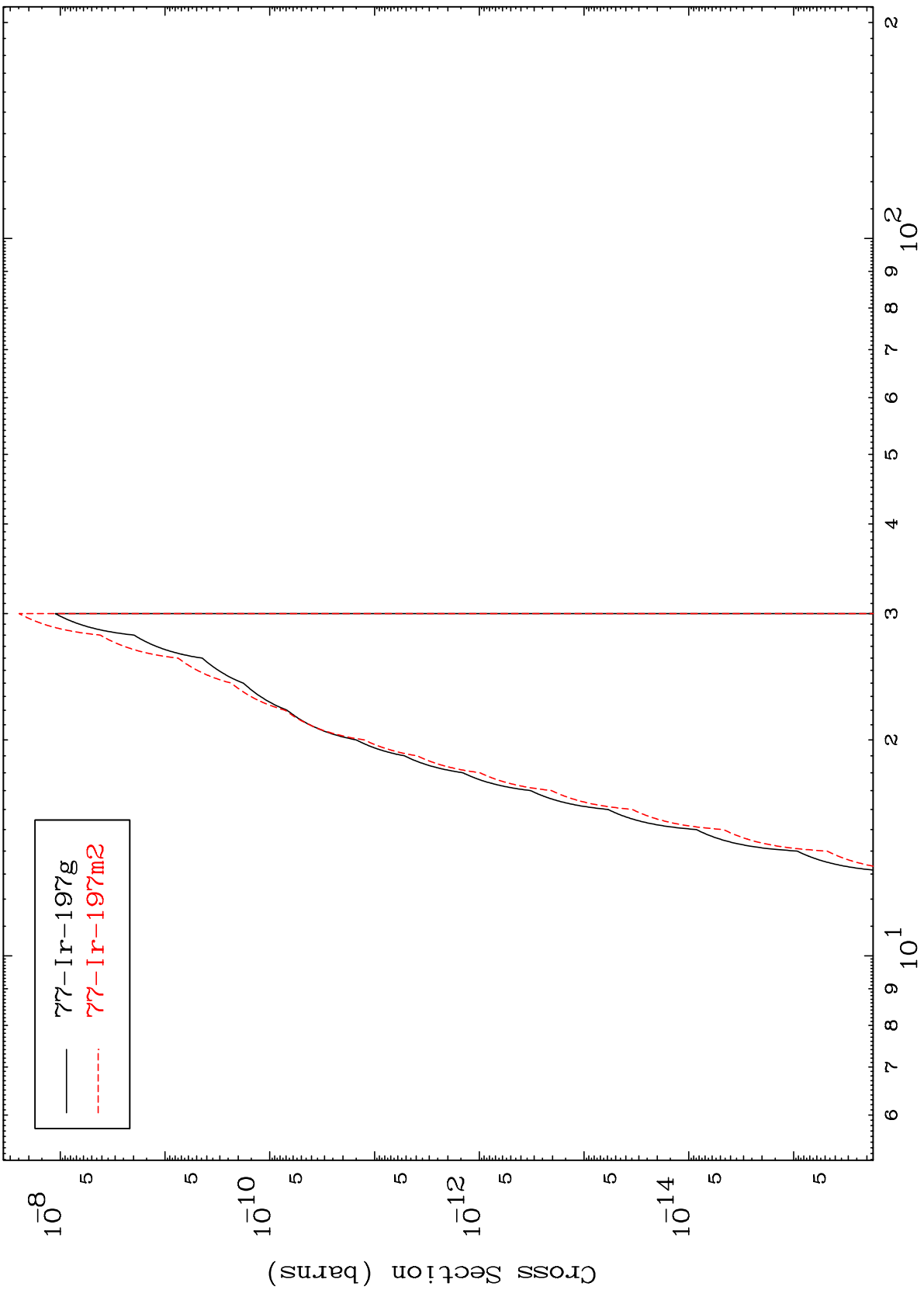


MAT 7744

(n,p) d

⁷⁷Ir-197m

Radionuclide Production Cross Section

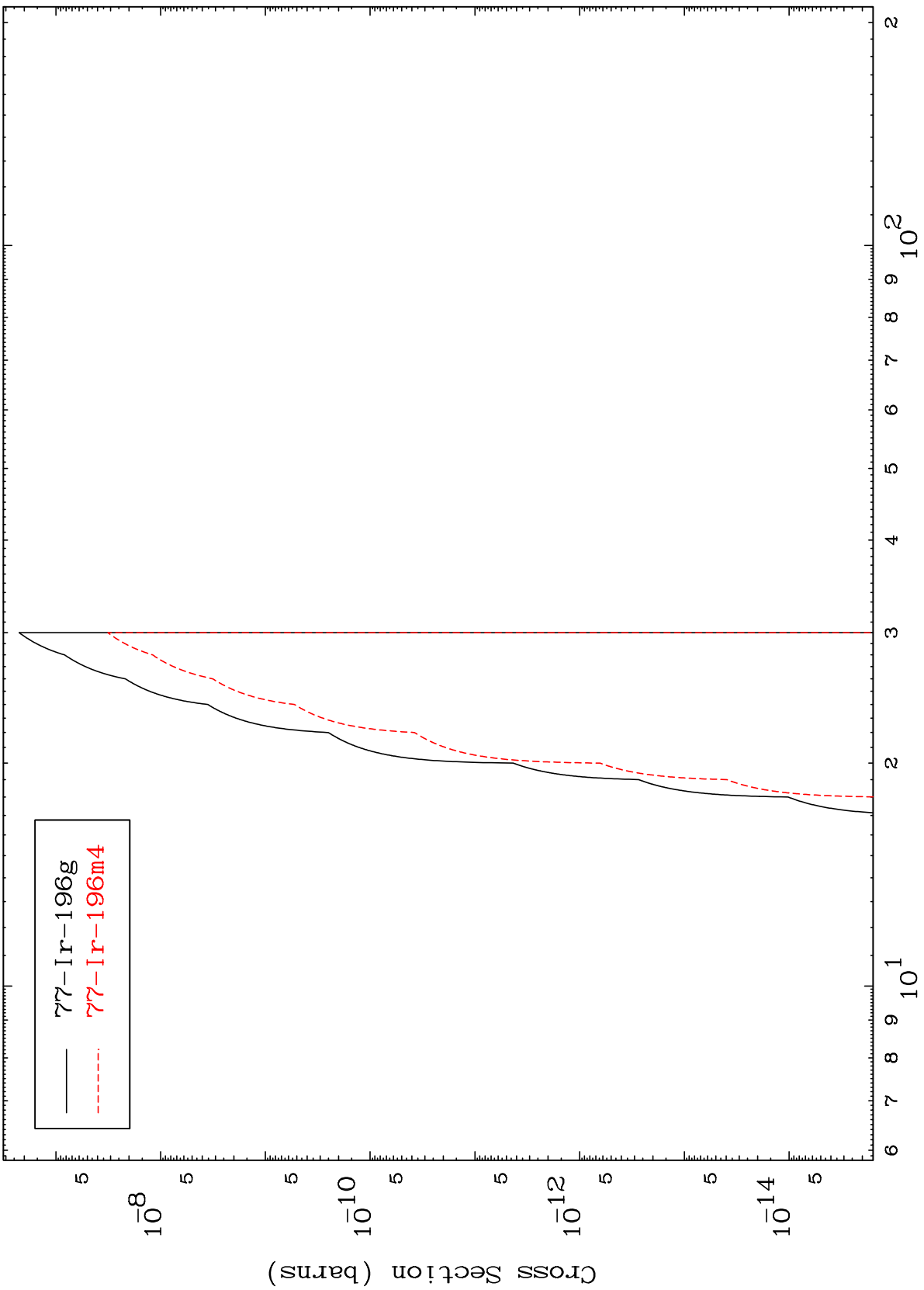


MAT 7744

(n,p) t

⁷⁷Ir-197m

Radionuclide Production Cross Section



— ⁷⁷Ir-196g
- - - ⁷⁷Ir-196m4

30

Incident Energy (MeV)

⁷⁷Ir-197m