

Program EVALPLOT
(Version 2021-1)

by

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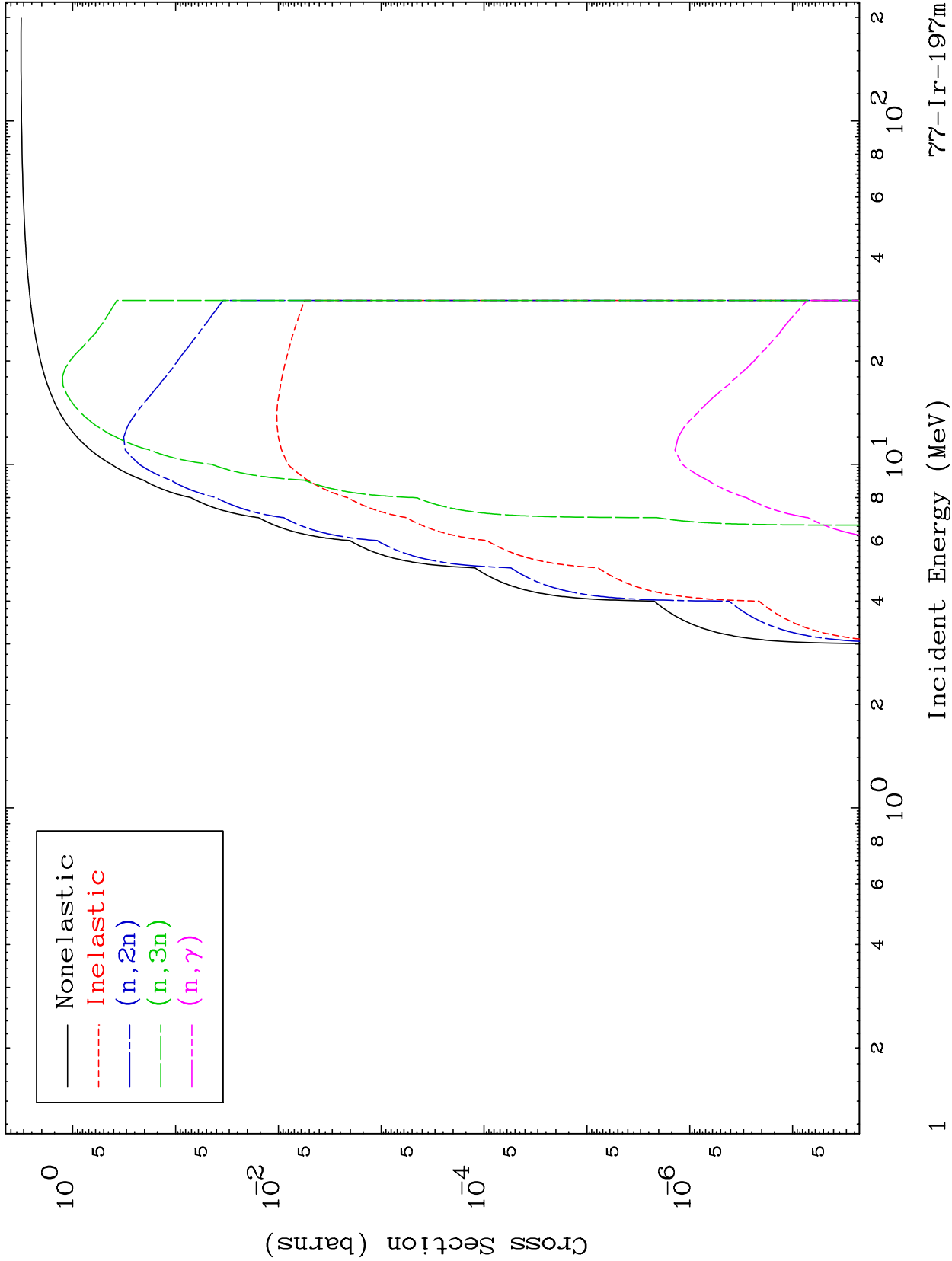
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7744

Deuteron Major
0 Kelvin Cross Sections

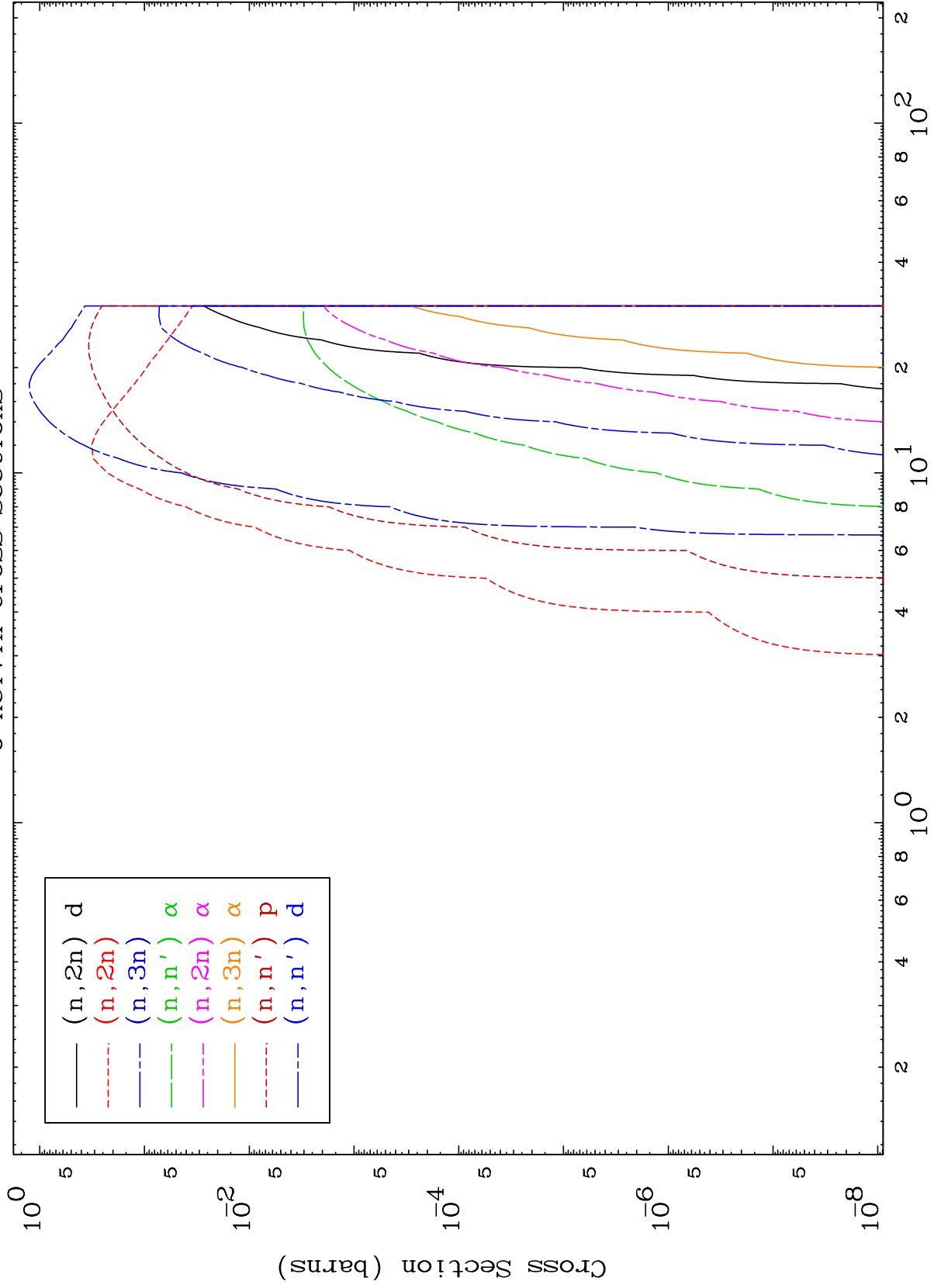
77-Ir-197m



MAT 7744

Deuteron Neutron Absorption
0 Kelvin Cross Sections

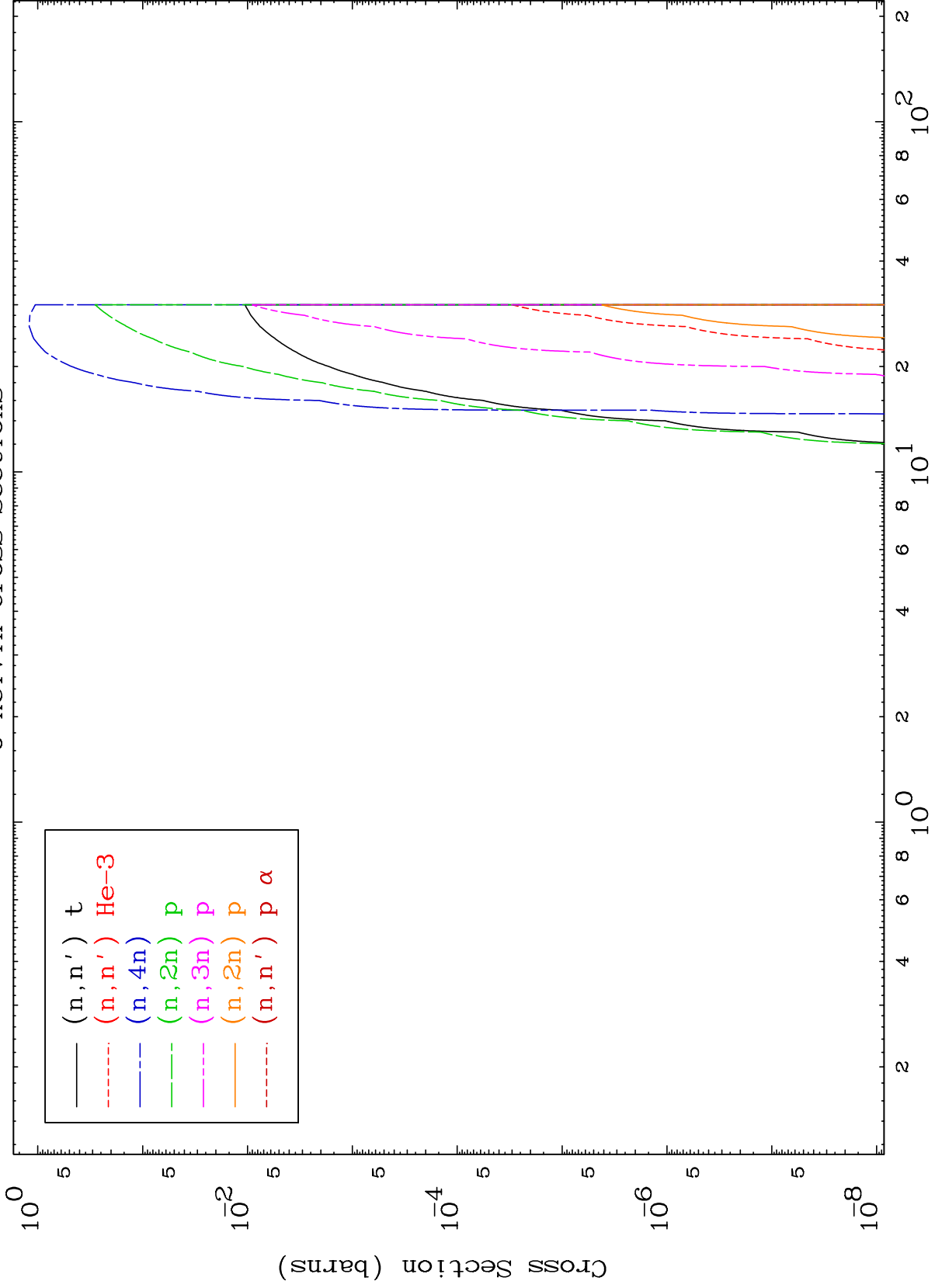
77-Ir-197m



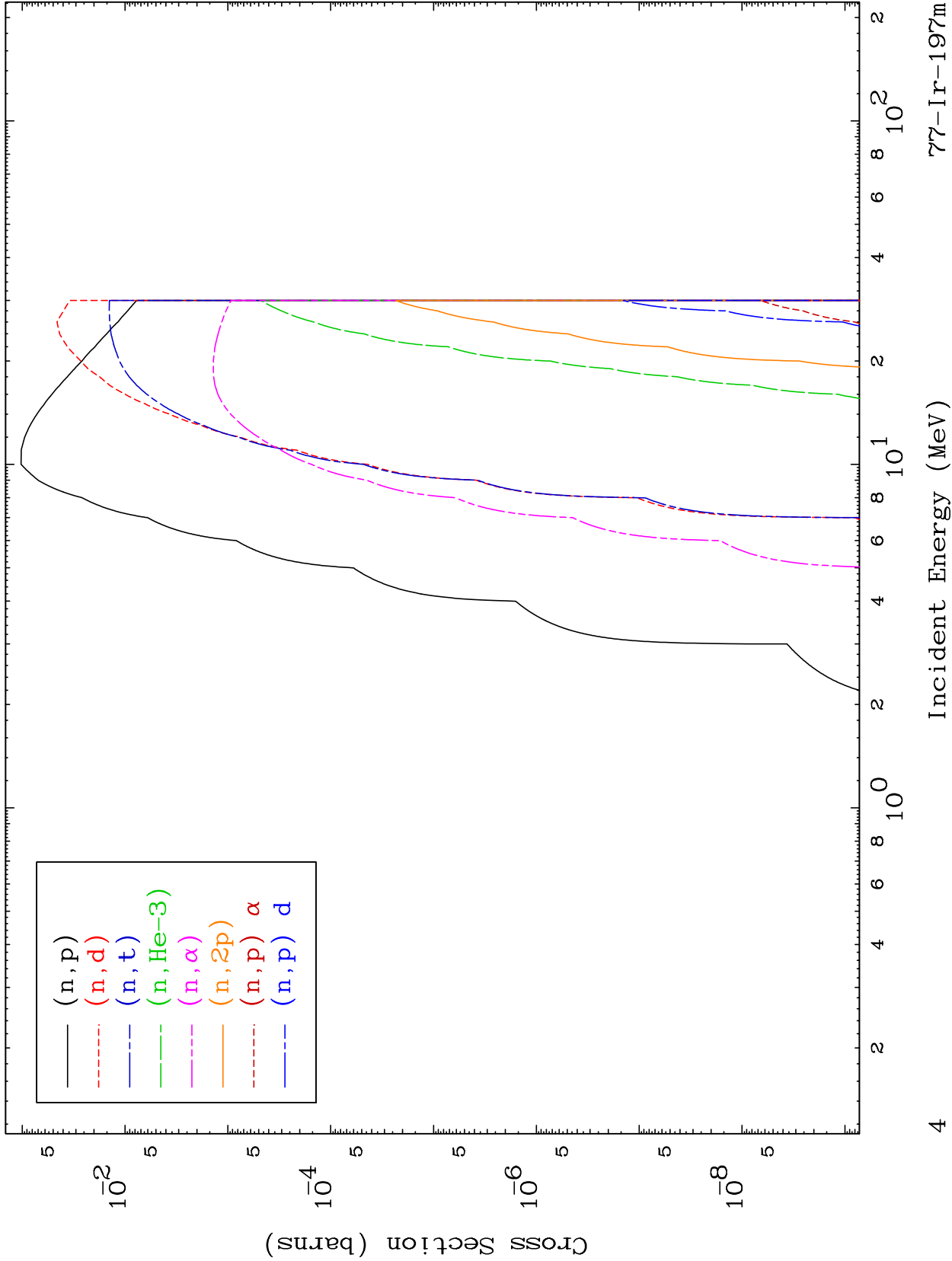
MAT 7744

Deuteron Neutron Absorption
0 Kelvin Cross Sections

77-Ir-197m



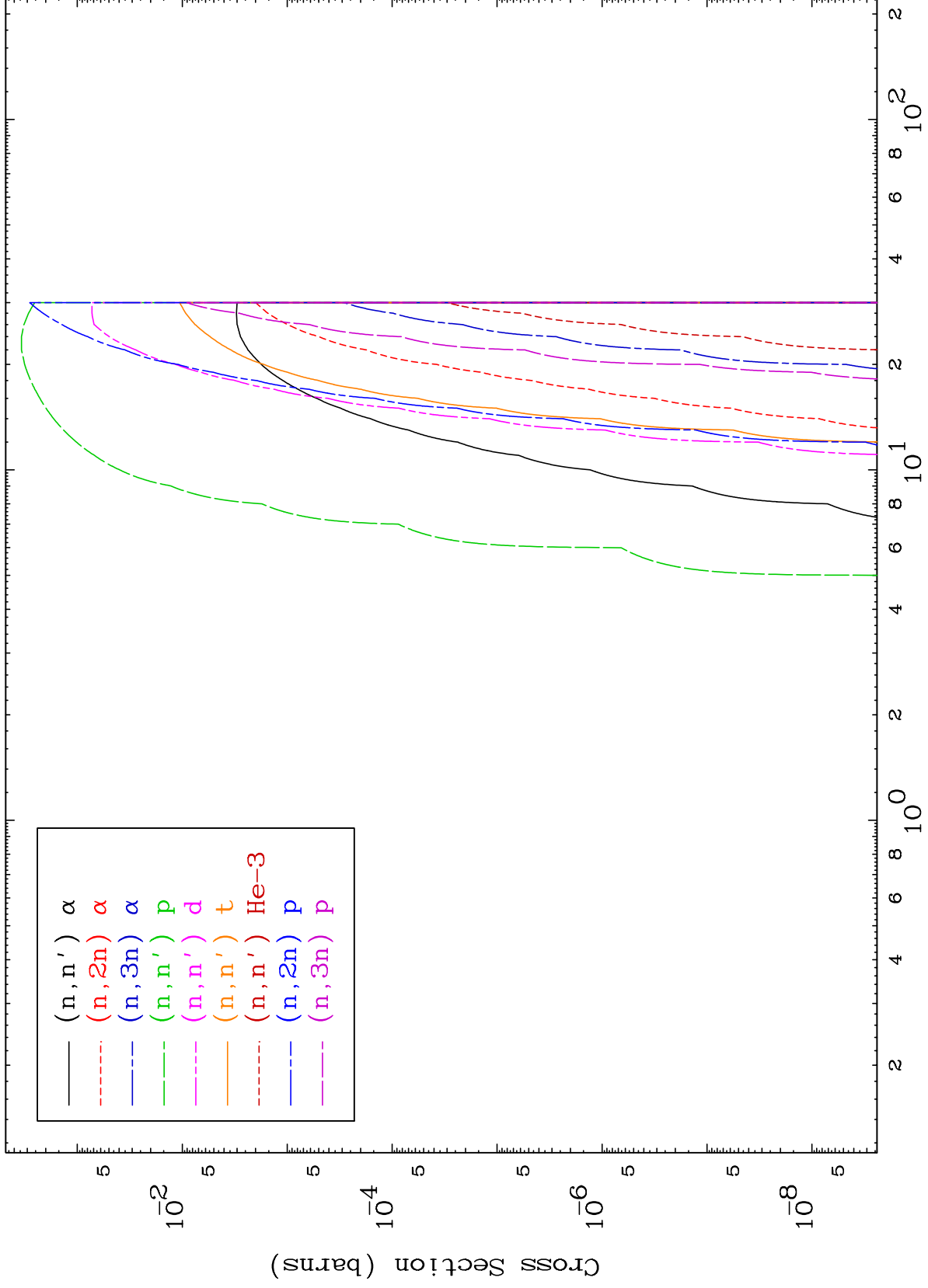
Deuteron Neutron Absorption
0 Kelvin Cross Sections



MAT 7744

Deuteron Charged Particle
0 Kelvin Cross Sections

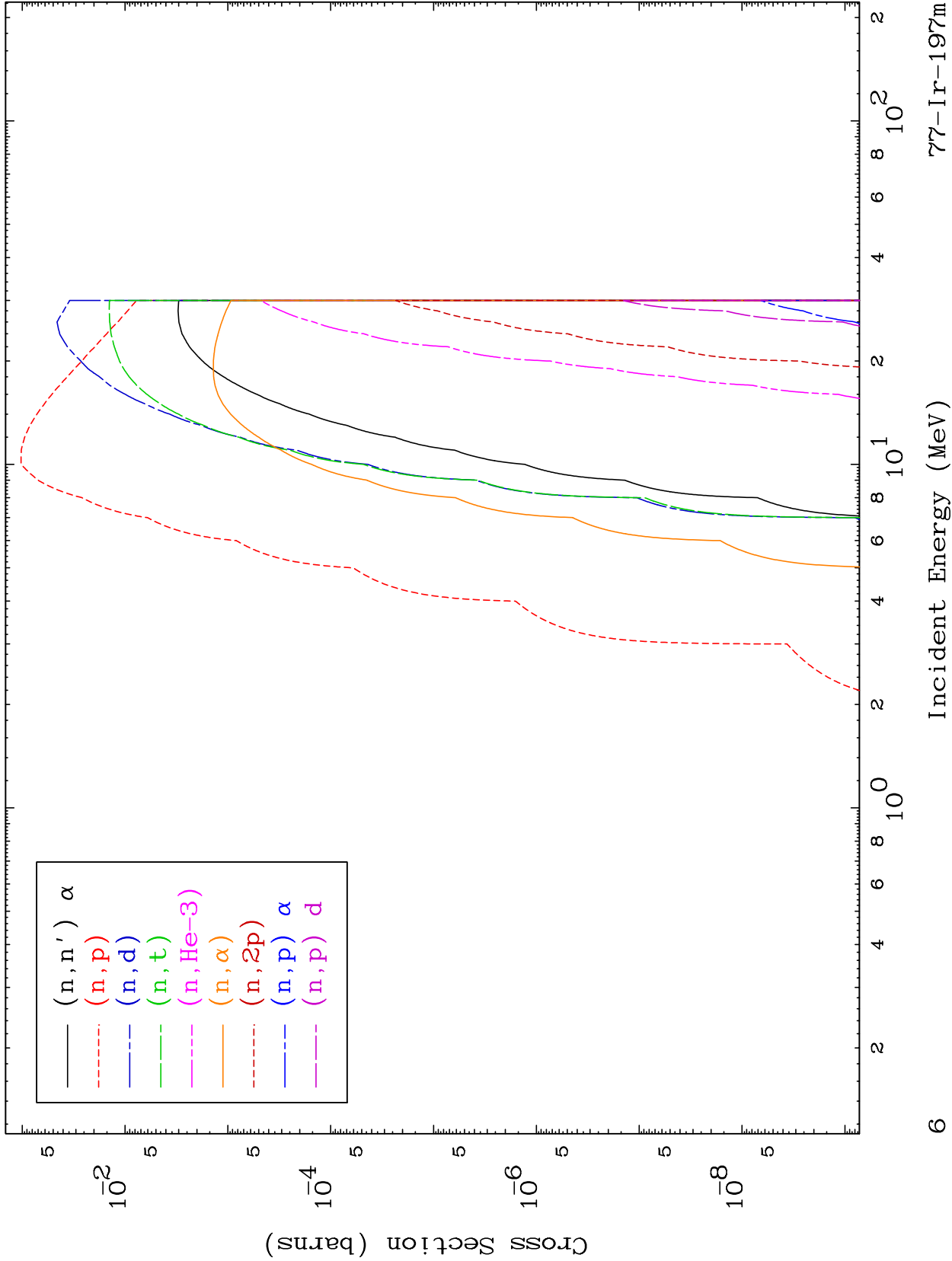
77-Ir-197m



5

Incident Energy (MeV)

77-Ir-197m

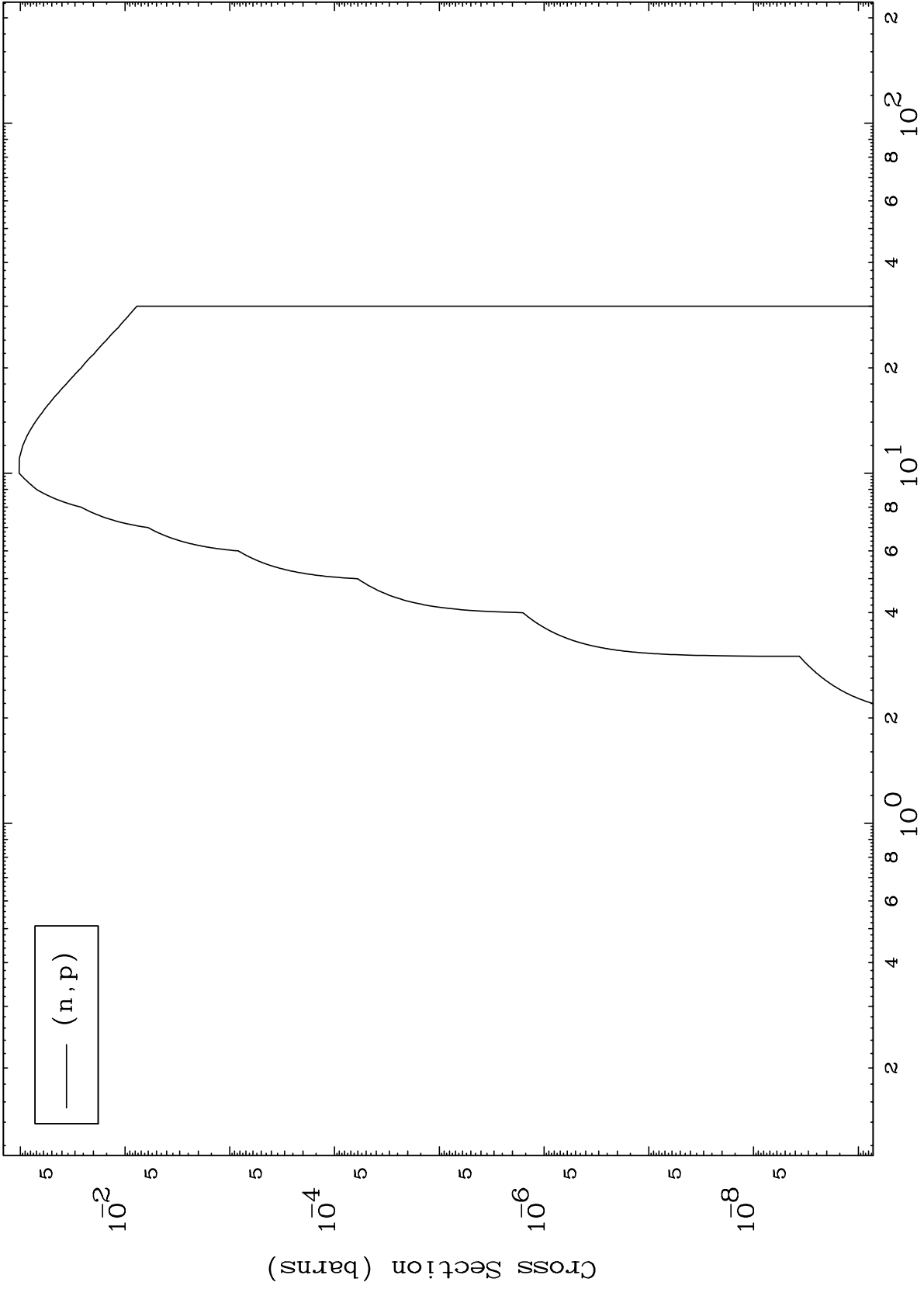


MAT 7744

(d,p) Levels

77-Ir-197m

0 Kelvin Cross Sections

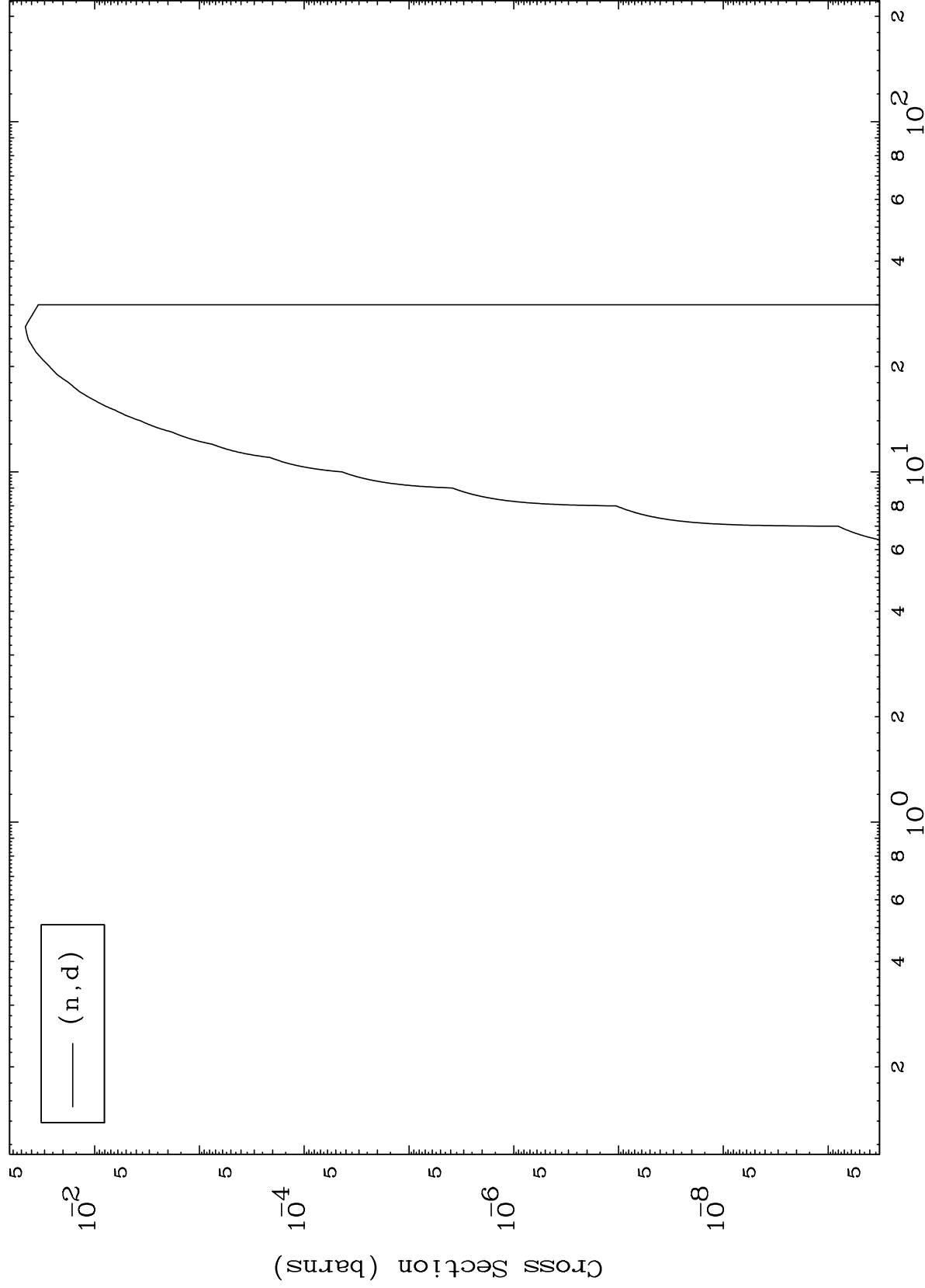


MAT 7744

(d,d) Levels

77-Ir-197m

0 Kelvin Cross Sections

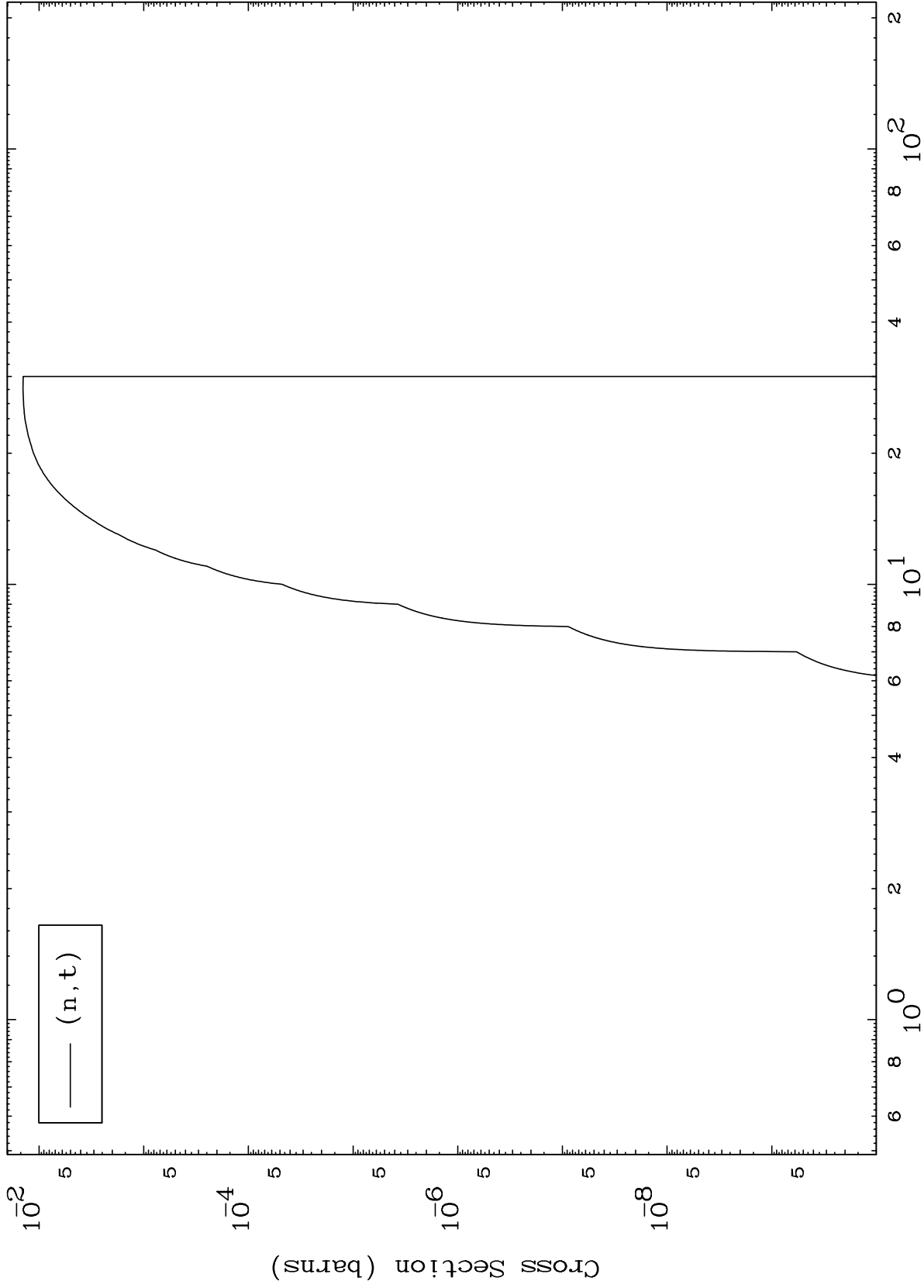


MAT 7744

(d, t) Levels

77-Ir-197m

0 Kelvin Cross Sections



9

Incident Energy (MeV)

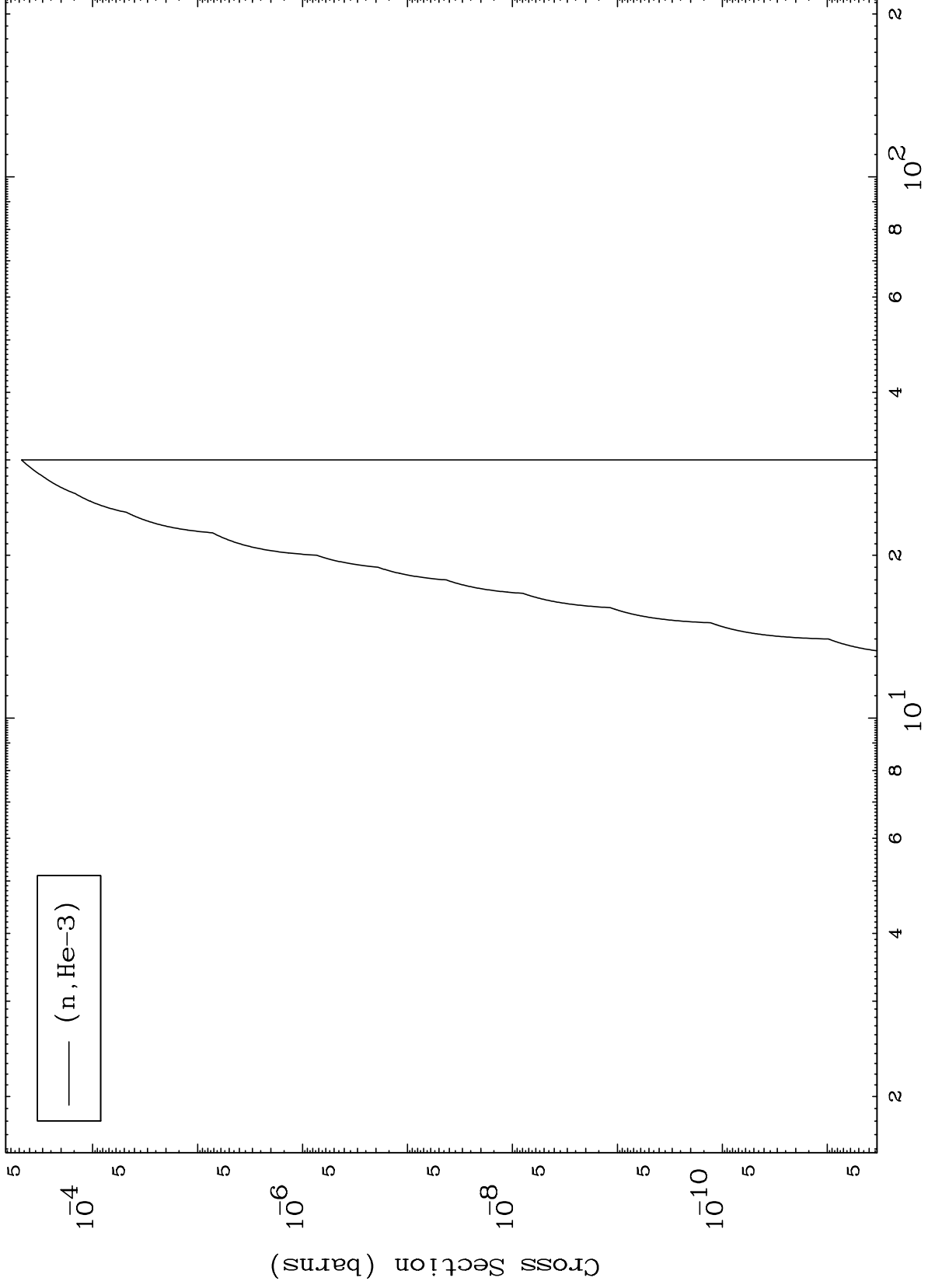
77-Ir-197m

MAT 7744

(d,He3) Levels

77-Ir-197m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

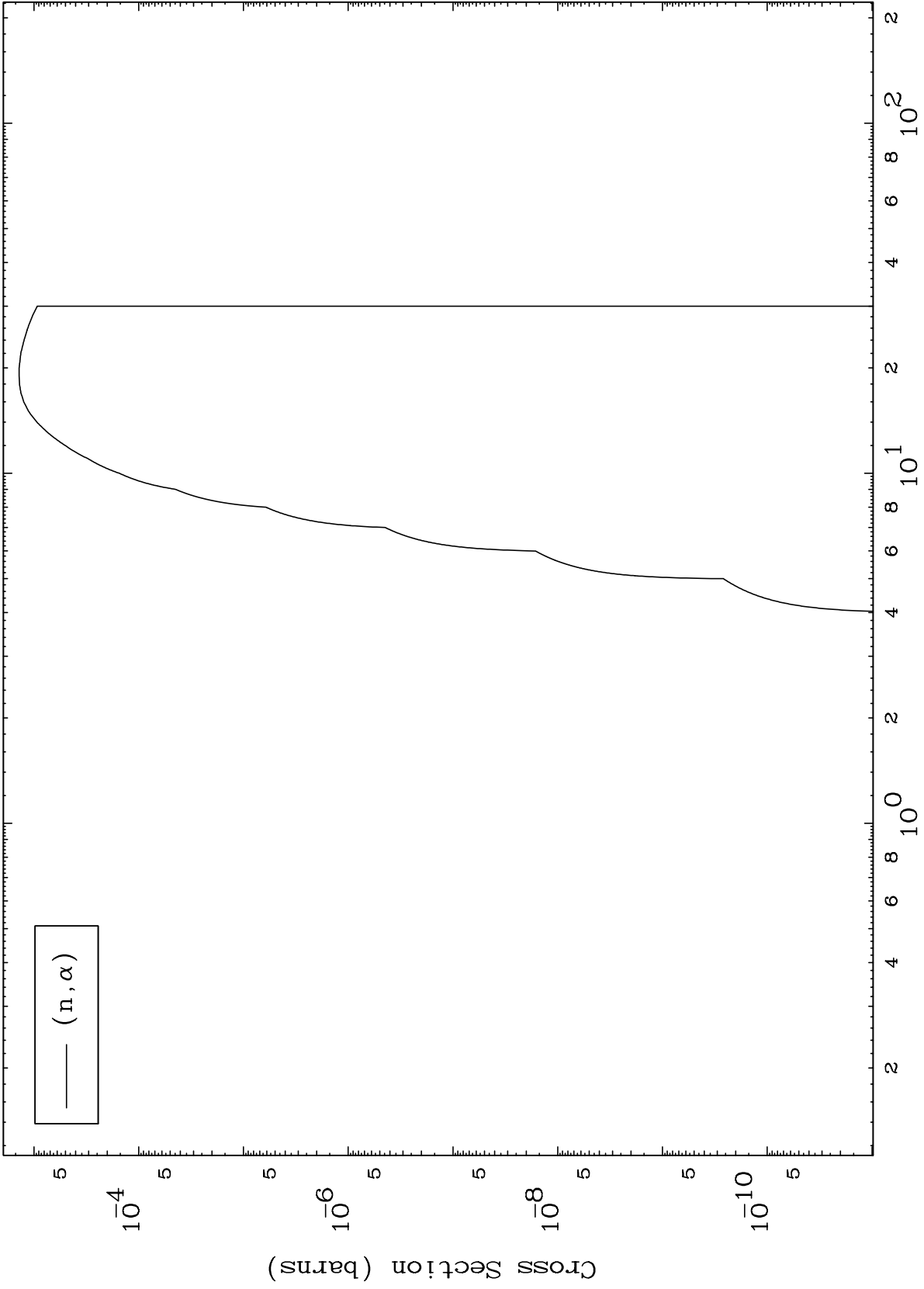
77-Ir-197m

MAT 7744

(d, α) Levels

77-Ir-197m

0 Kelvin Cross Sections

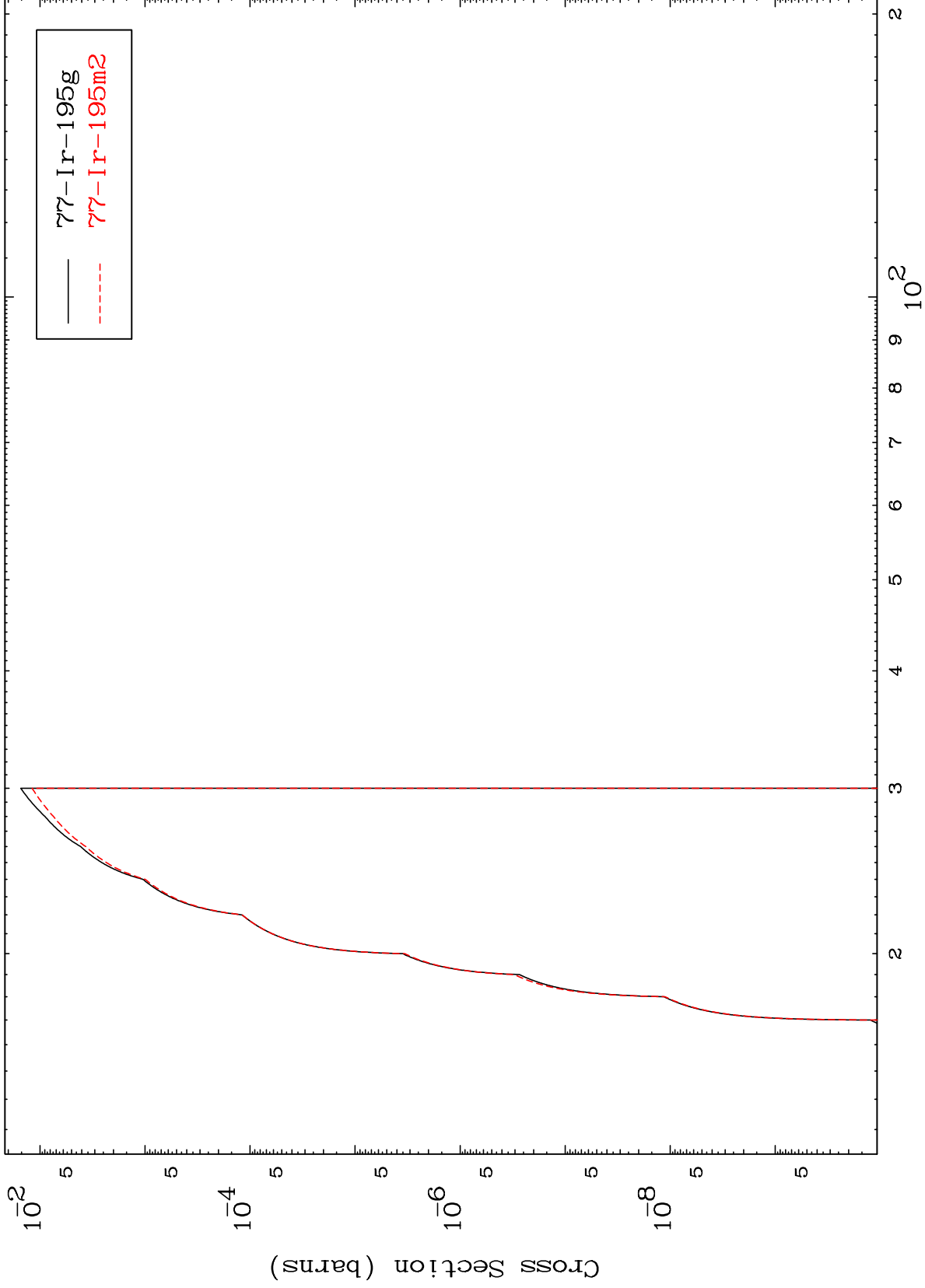


MAT 7744

(n,2n) d

77-Ir-197m

Radionuclide Production Cross Section



12

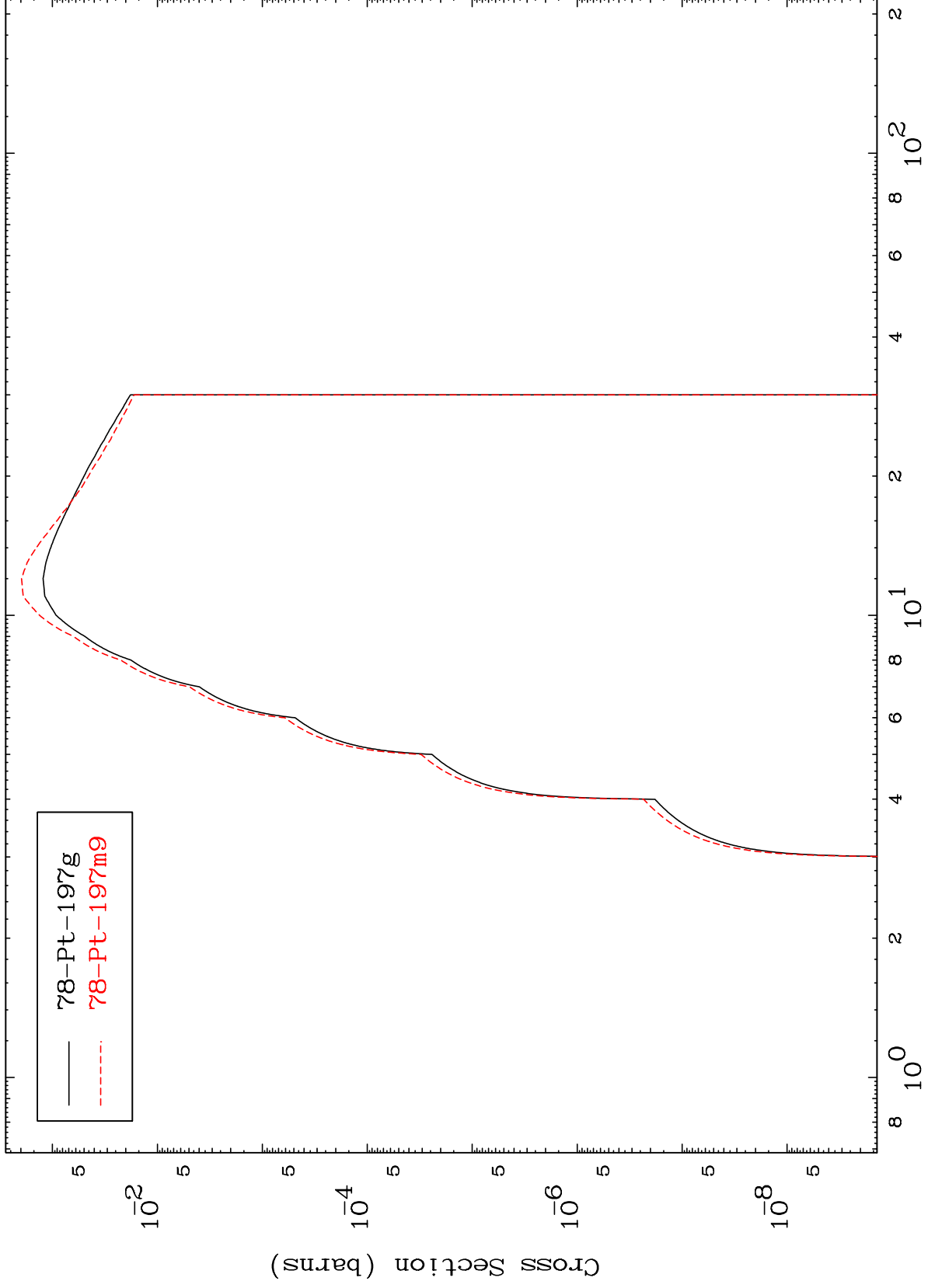
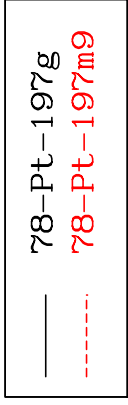
Incident Energy (MeV)

77-Ir-197m

MAT 7744

77-Ir-197m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

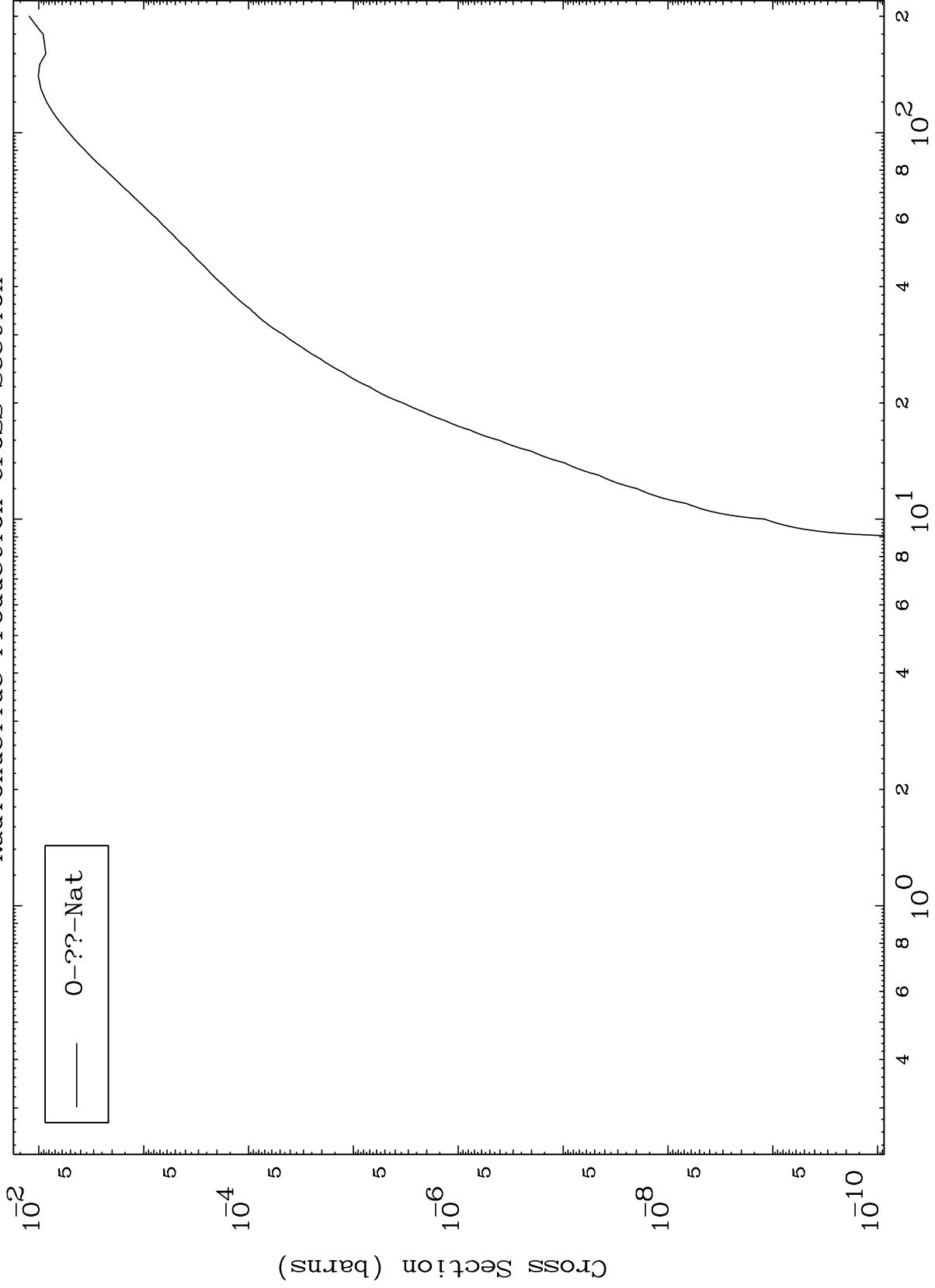
77-Ir-197m

MAT 7744

Fission

77-Ir-197m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

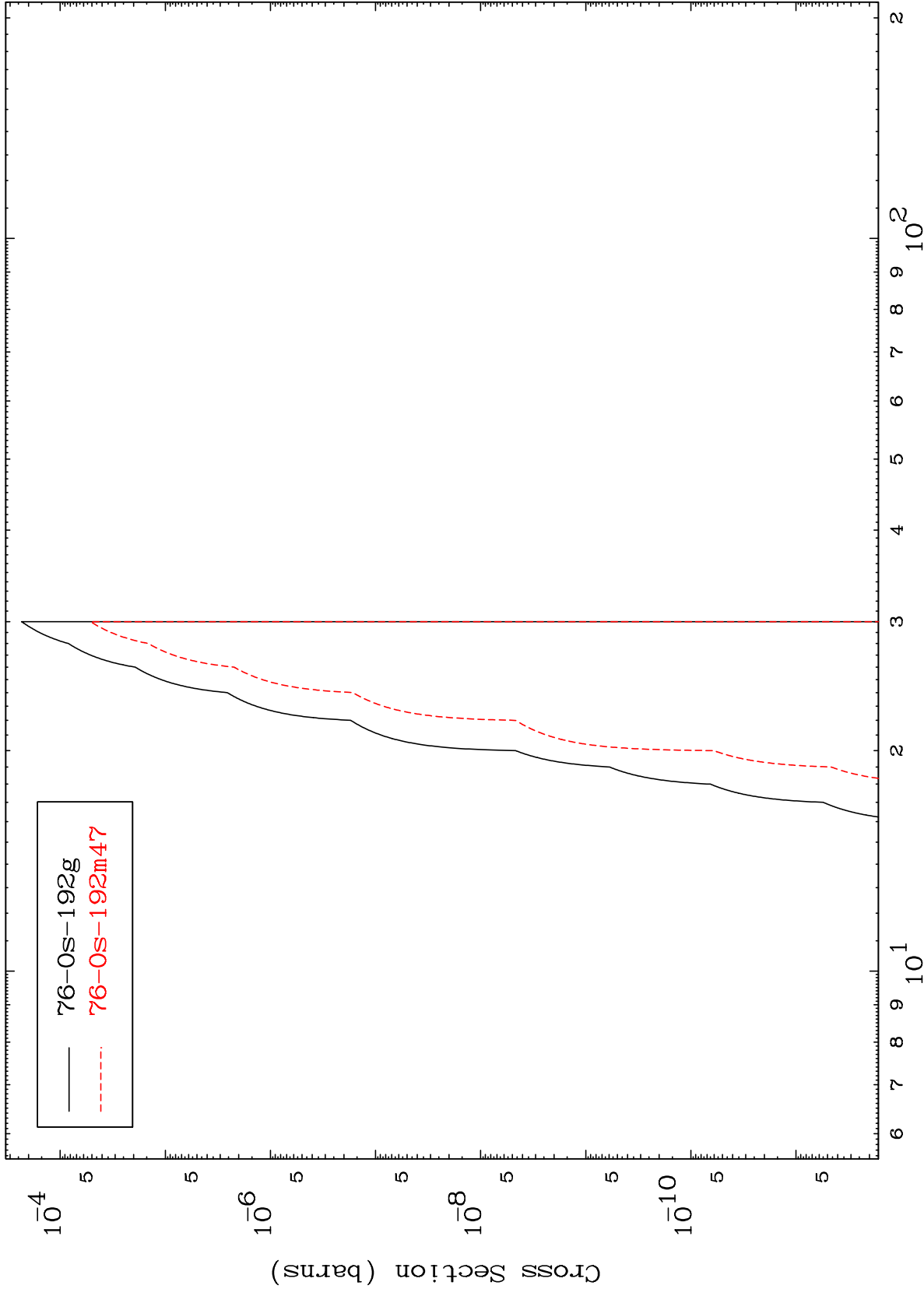
77-Ir-197m

MAT 7744

(n,3n) α

77-Ir-197m

Radionuclide Production Cross Section



15

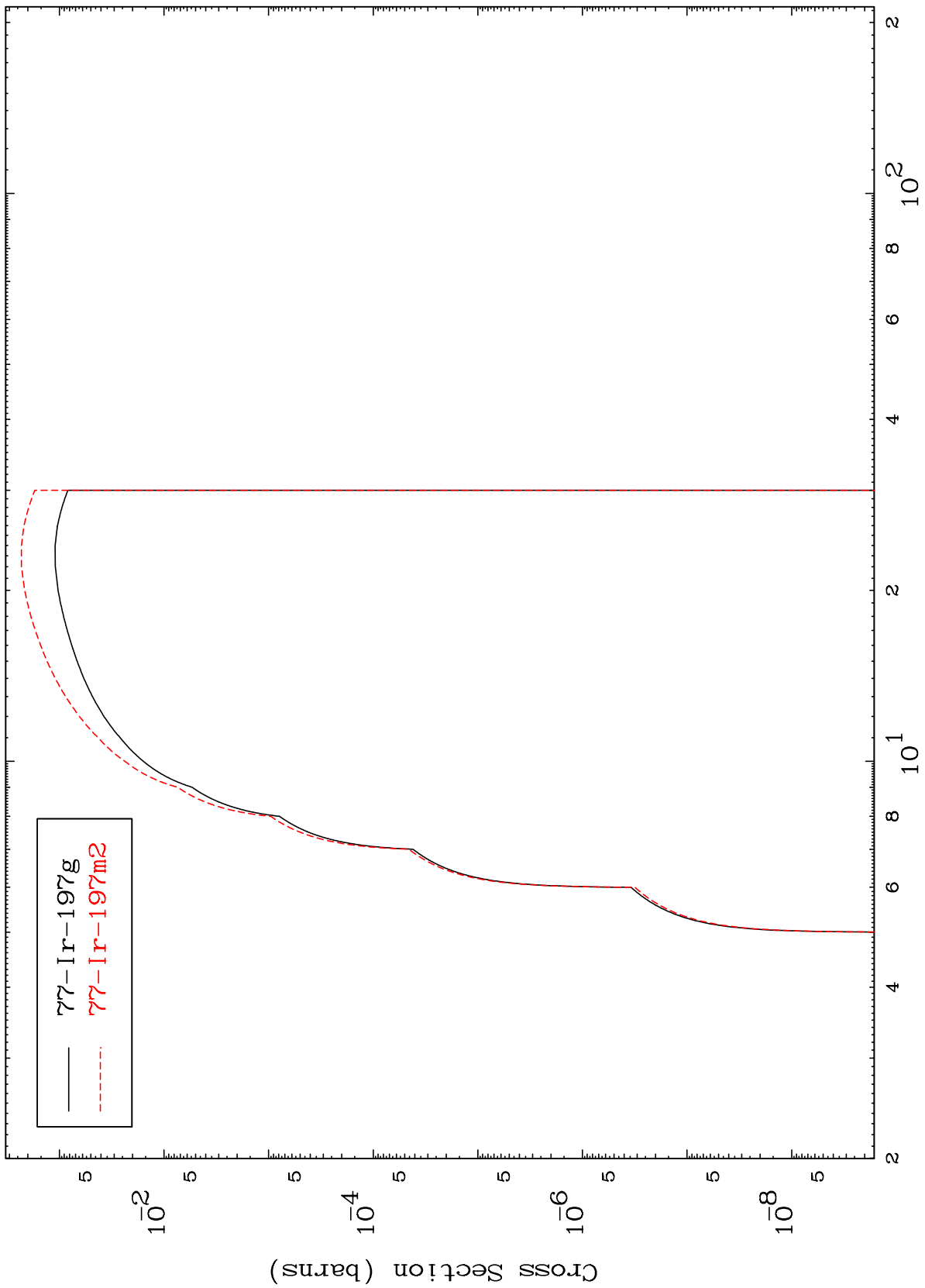
Incident Energy (MeV)

77-Ir-197m

MAT 7744

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

Radionuclide Production Cross Section



16

Incident Energy (MeV)

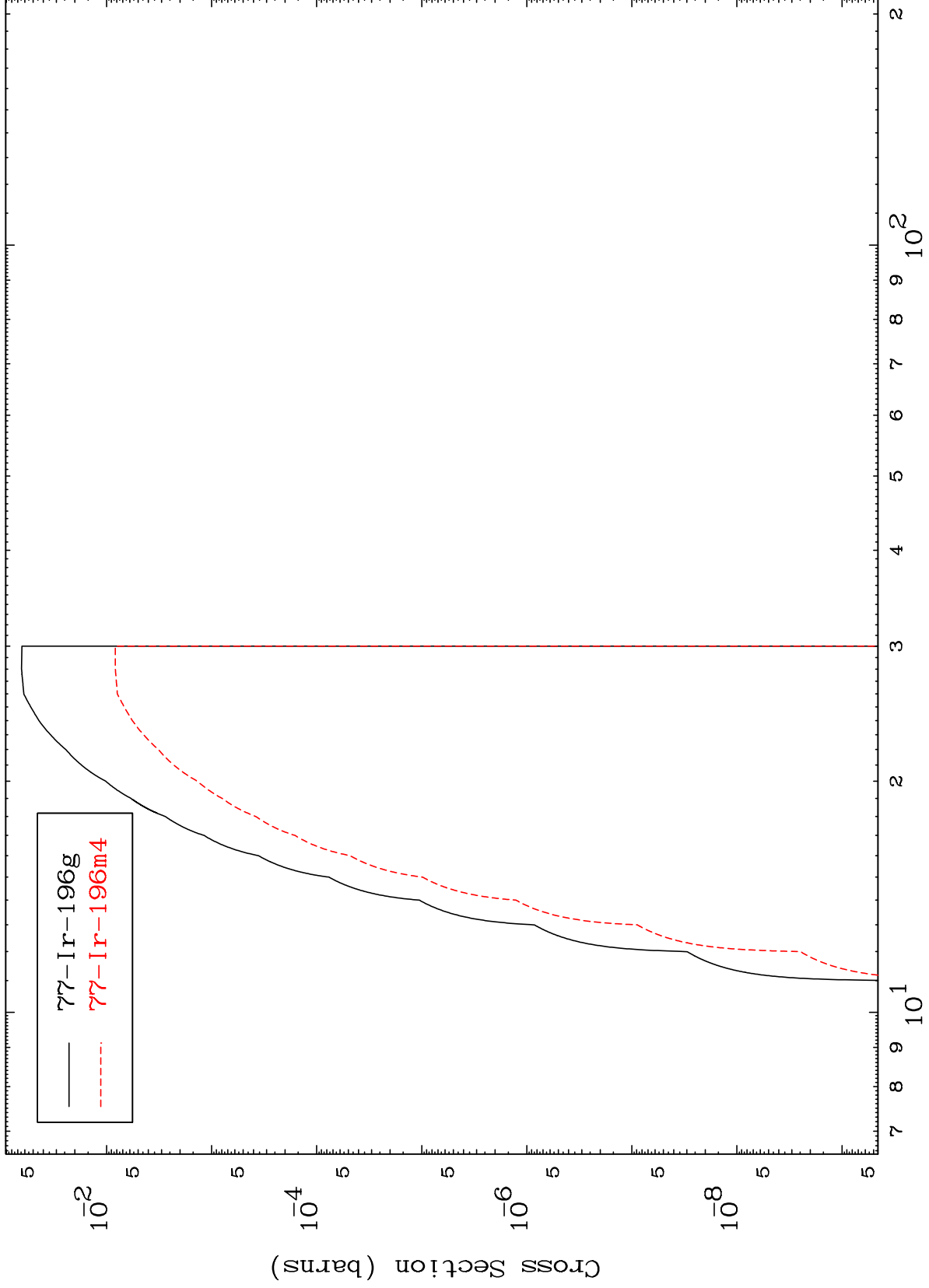
$^{77}\text{Ir-197m}$

MAT 7744

(n,n') d

77-Ir-197m

Radionuclide Production Cross Section



Legend:
— $^{77}\text{Ir-196g}$
- - - $^{77}\text{Ir-196m4}$

17

Incident Energy (MeV)

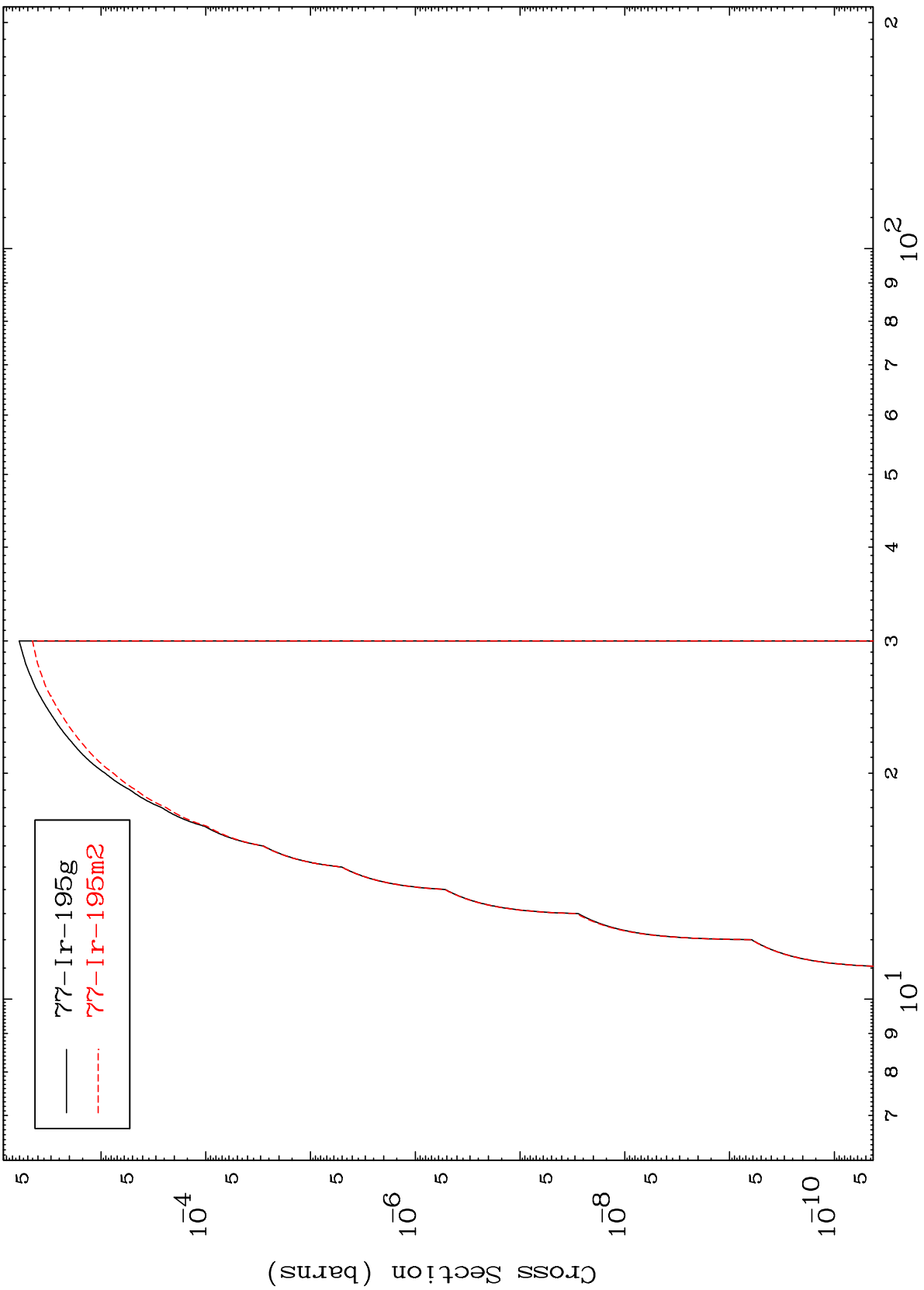
77-Ir-197m

MAT 7744

(n,n') t

⁷⁷Ir-197m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

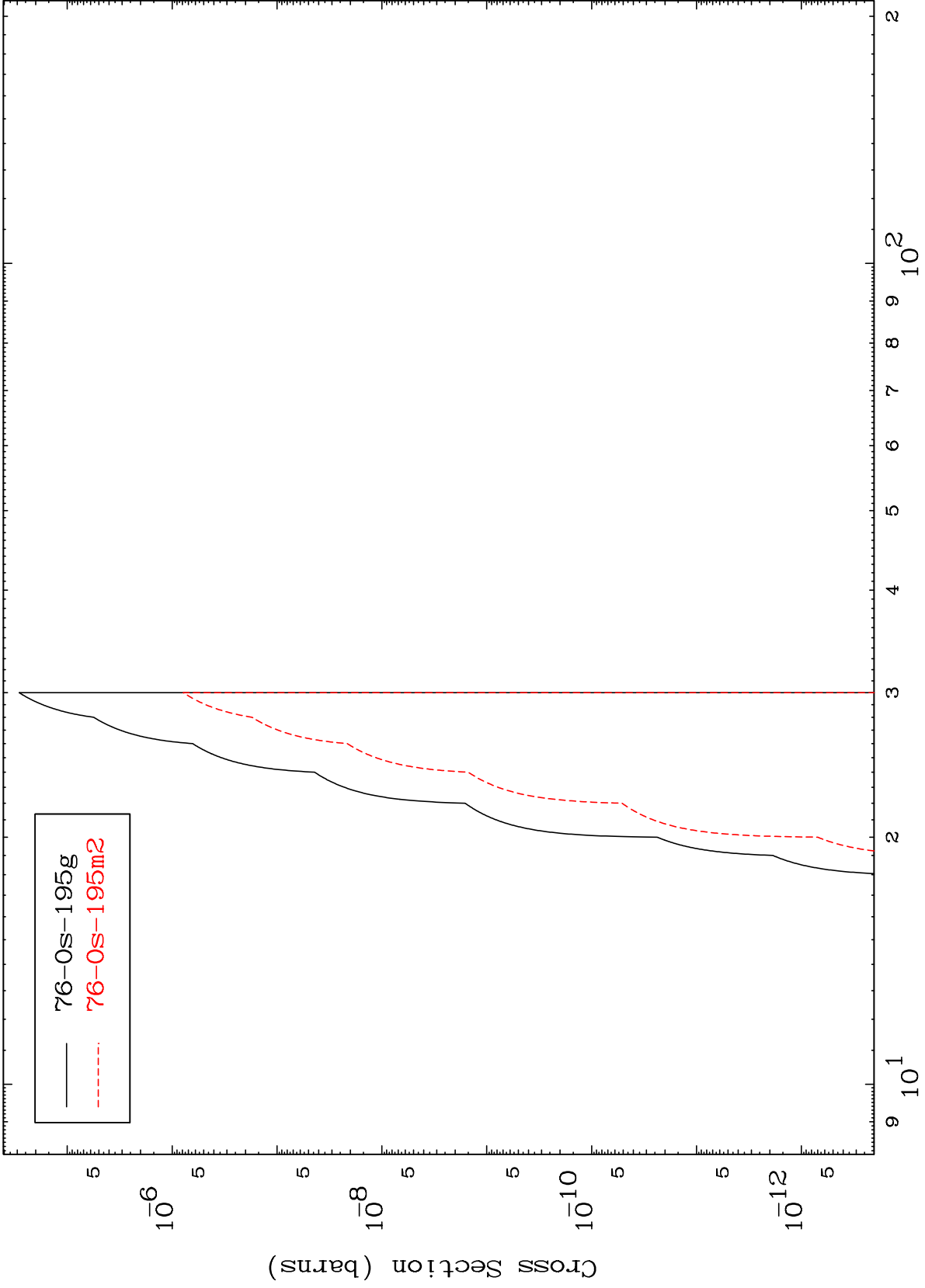
⁷⁷Ir-197m

MAT 7744

(n,n') He-3

77-Ir-197m

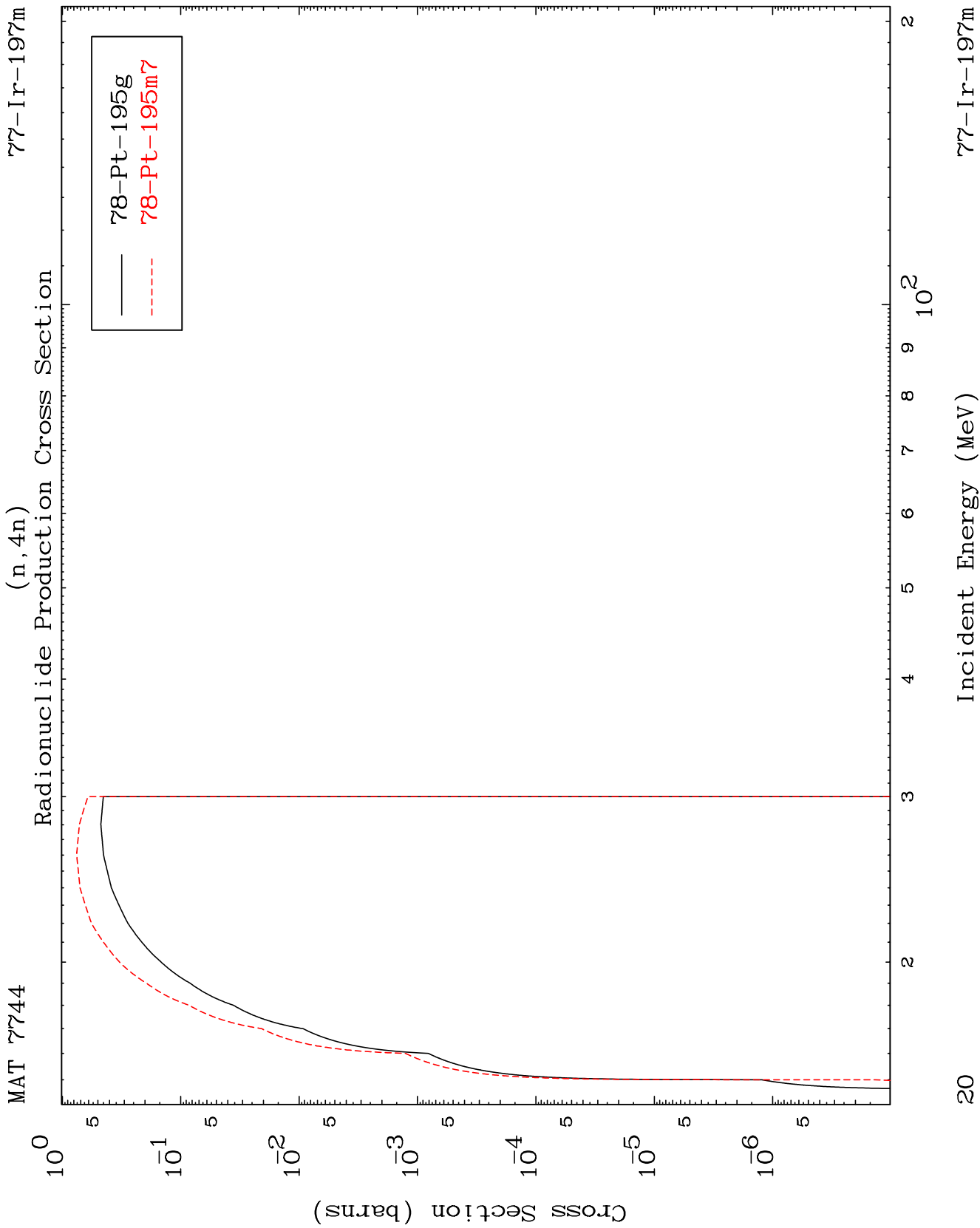
Radionuclide Production Cross Section



19

Incident Energy (MeV)

77-Ir-197m

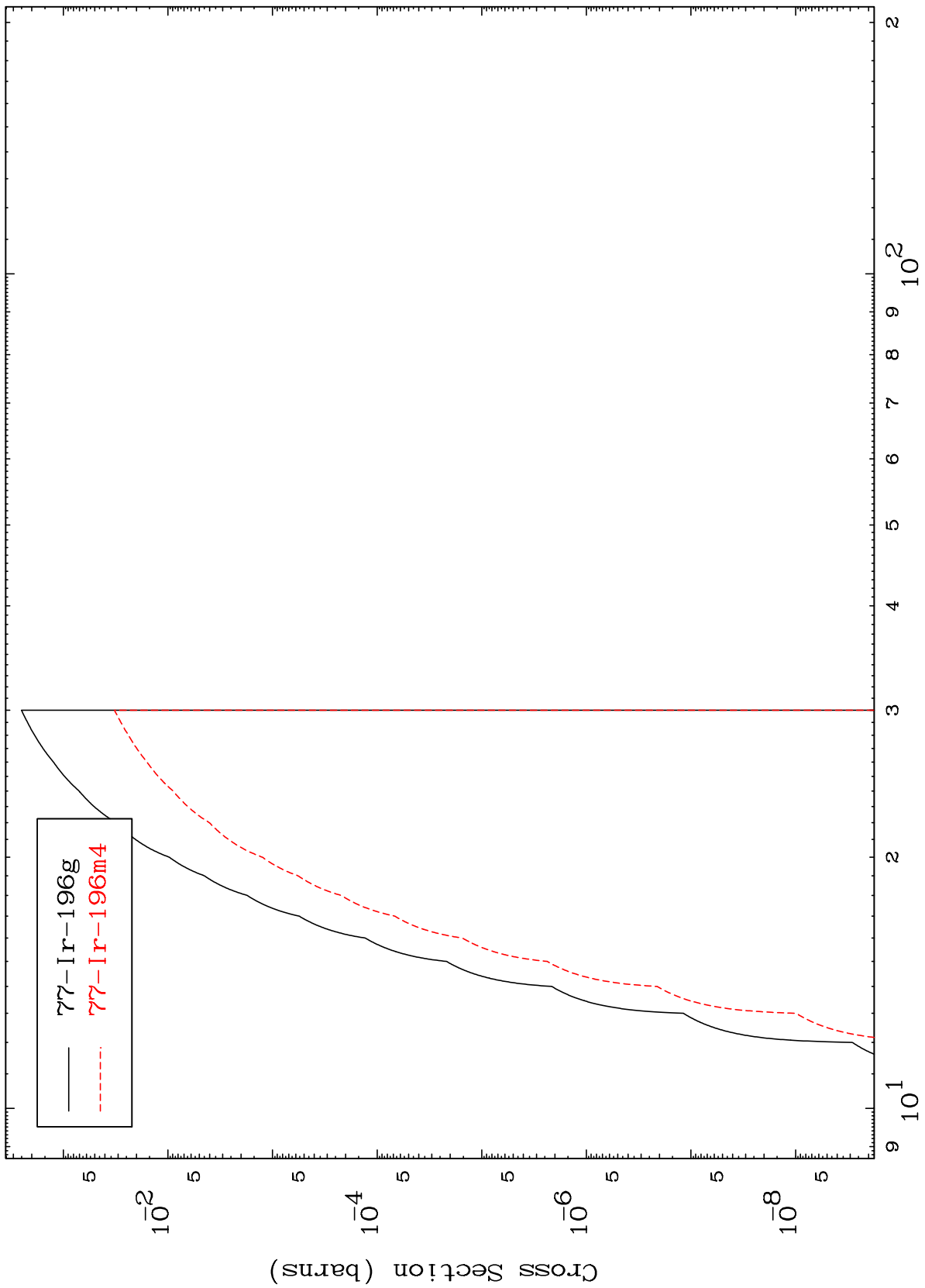


MAT 7744

(n,2n) p

77-Ir-197m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

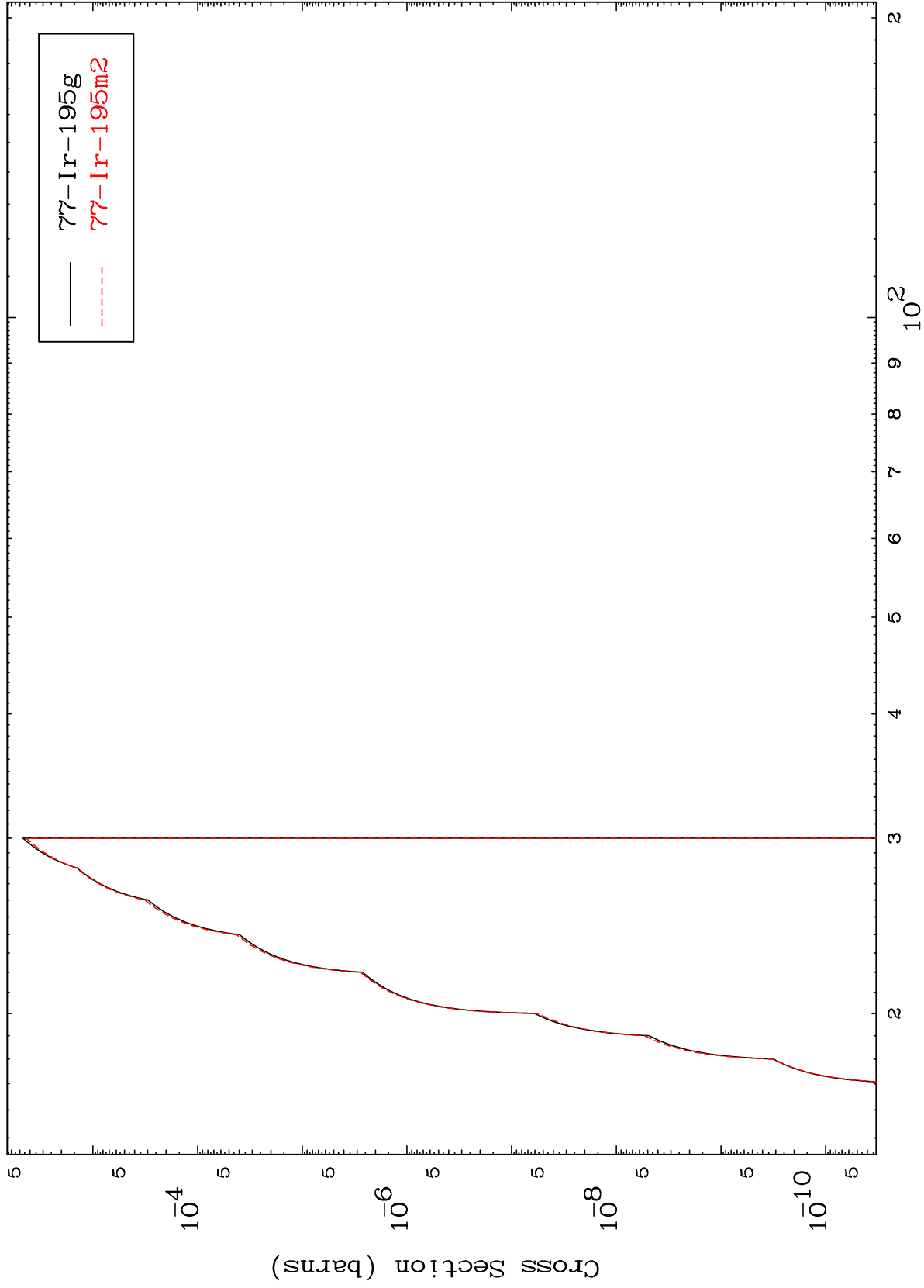
77-Ir-197m

MAT 7744

(n,3n) p

77-Ir-197m

Radionuclide Production Cross Section



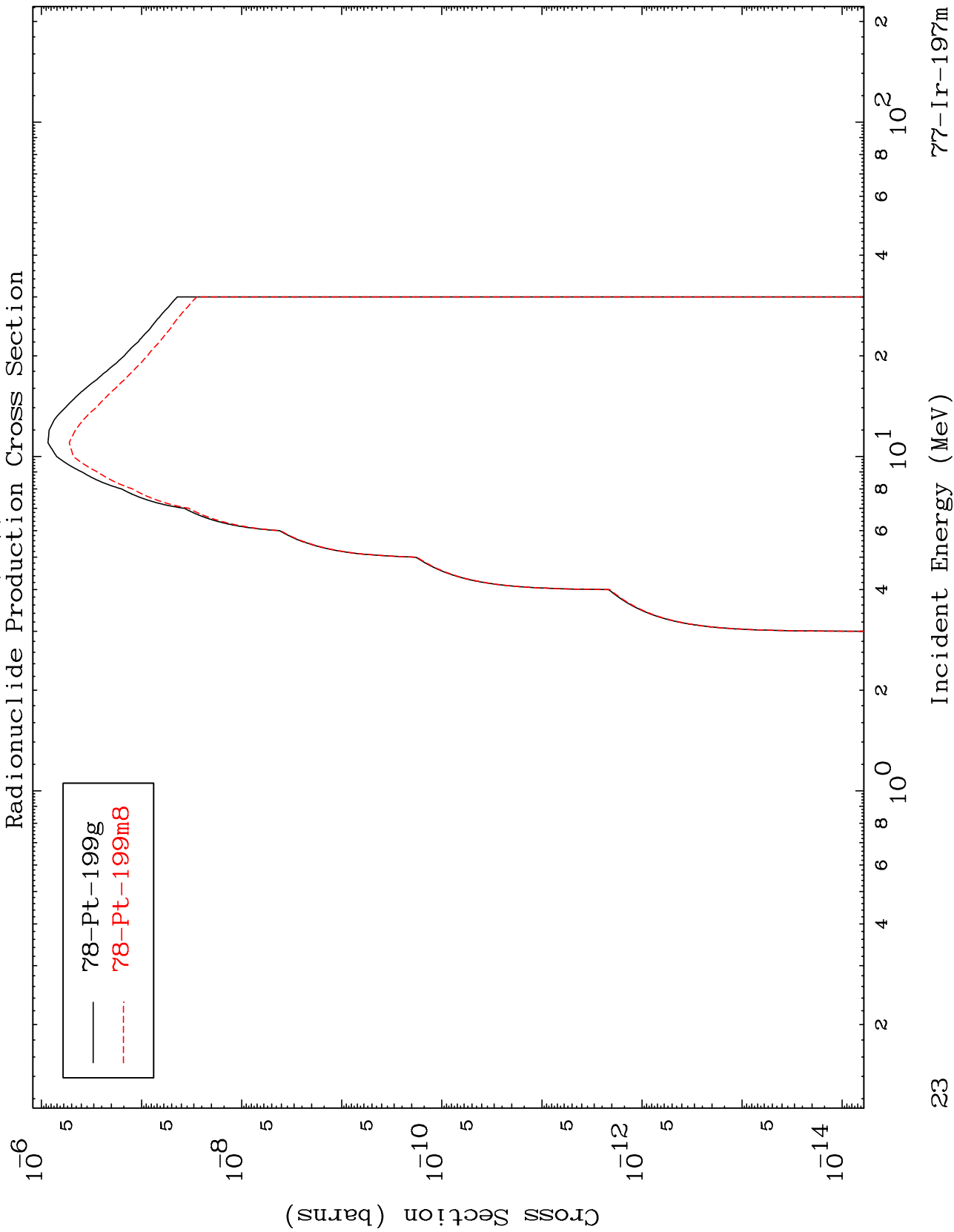
22

Incident Energy (MeV)

77-Ir-197m

MAT 7744

77-Ir-197m

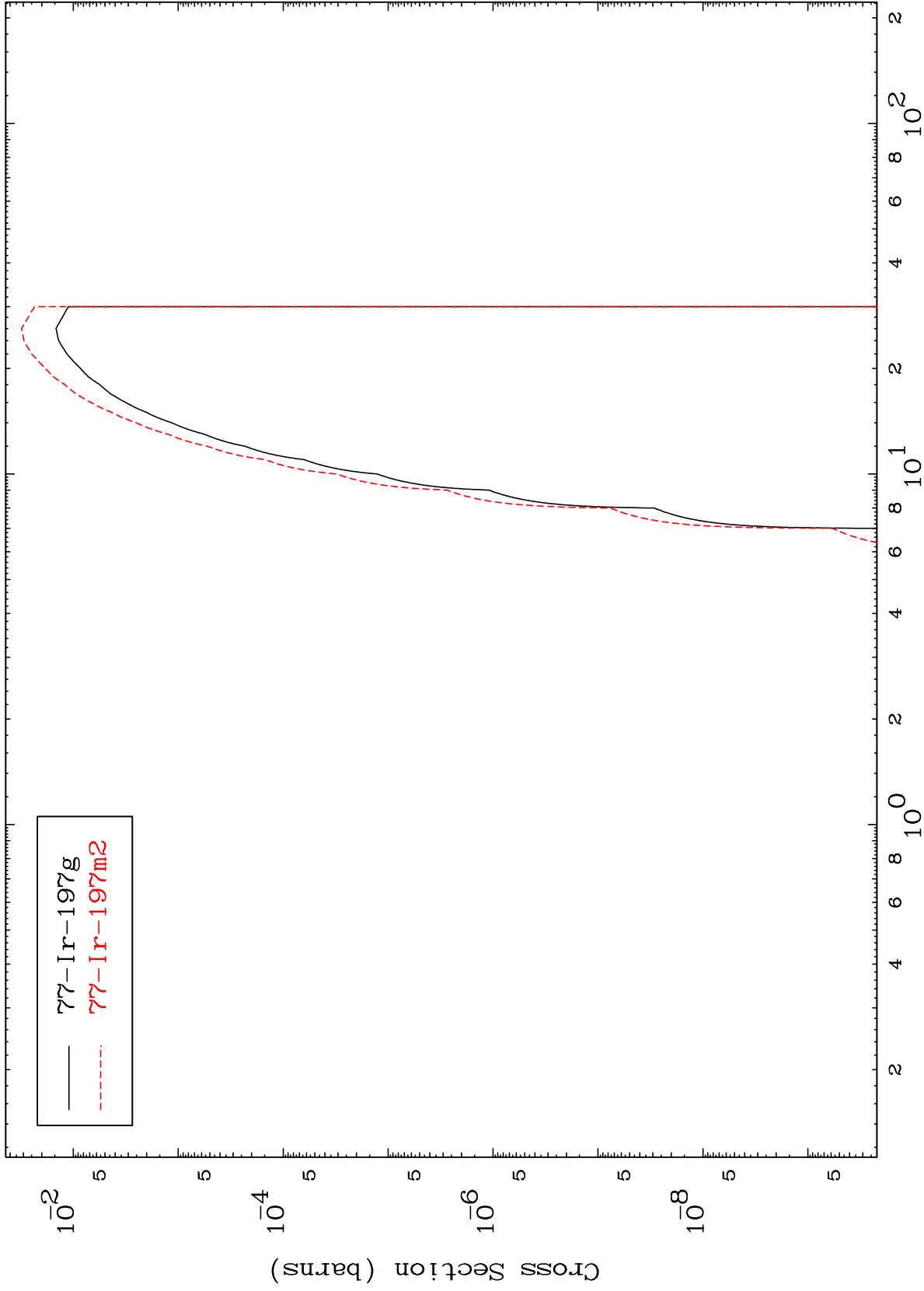


MAT 7744

(n,d)

⁷⁷Ir-197m

Radionuclide Production Cross Section

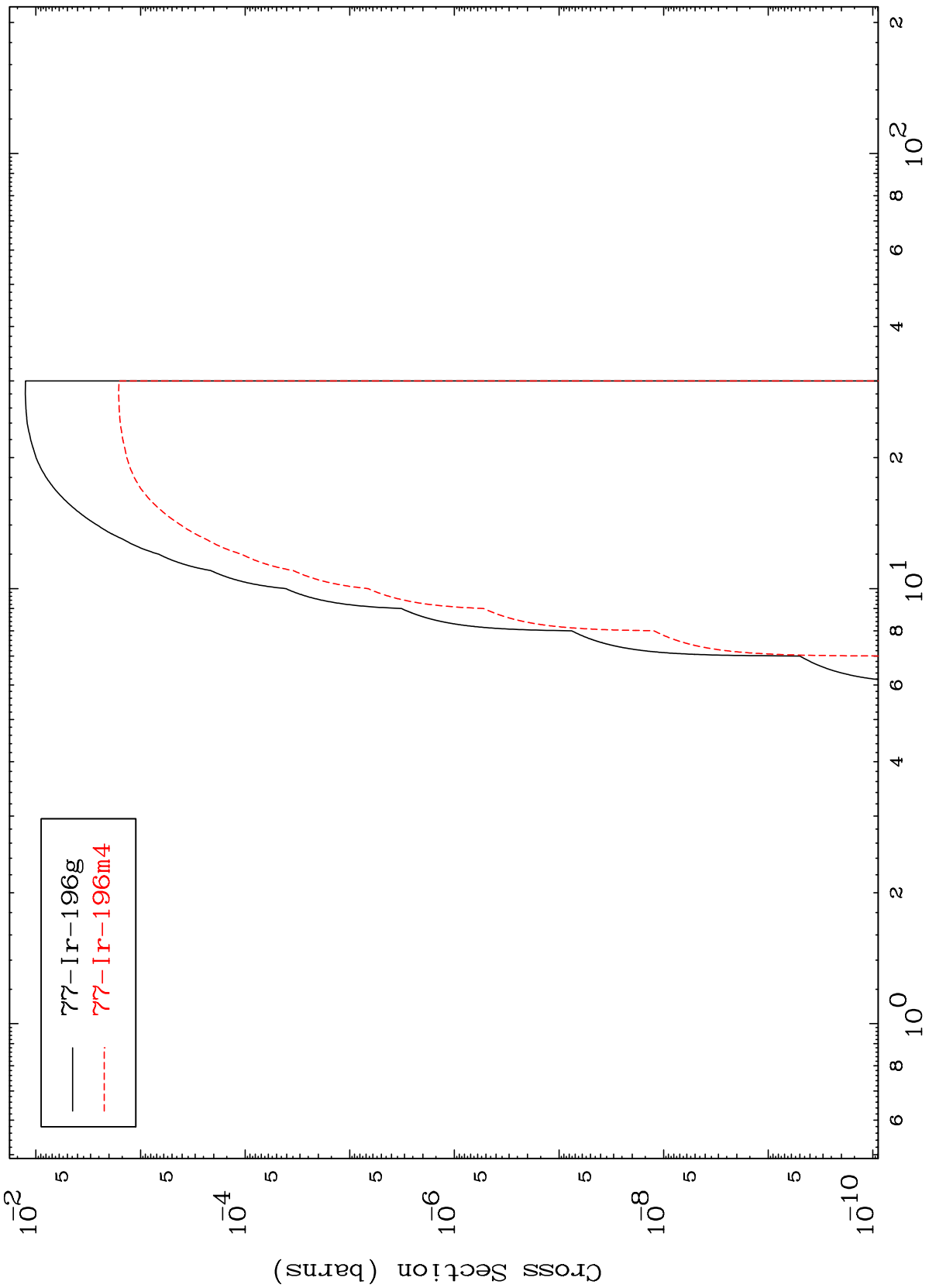


MAT 7744

(n, t)

77-Ir-197m

Radionuclide Production Cross Section

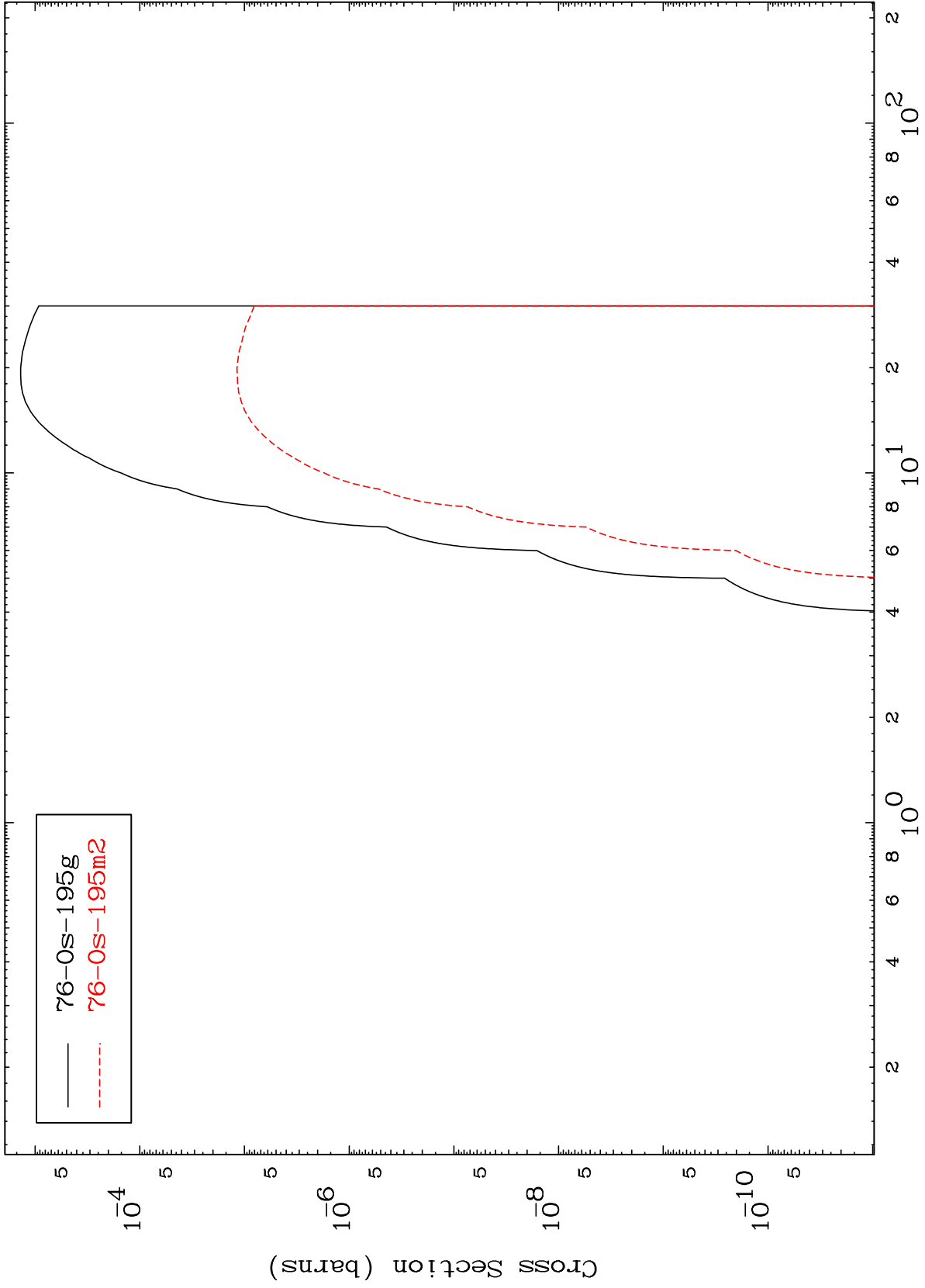


— 77-Ir-196g
- - - 77-Ir-196m4

MAT 7744

77-Ir-197m

Radionuclide Production Cross Section



26

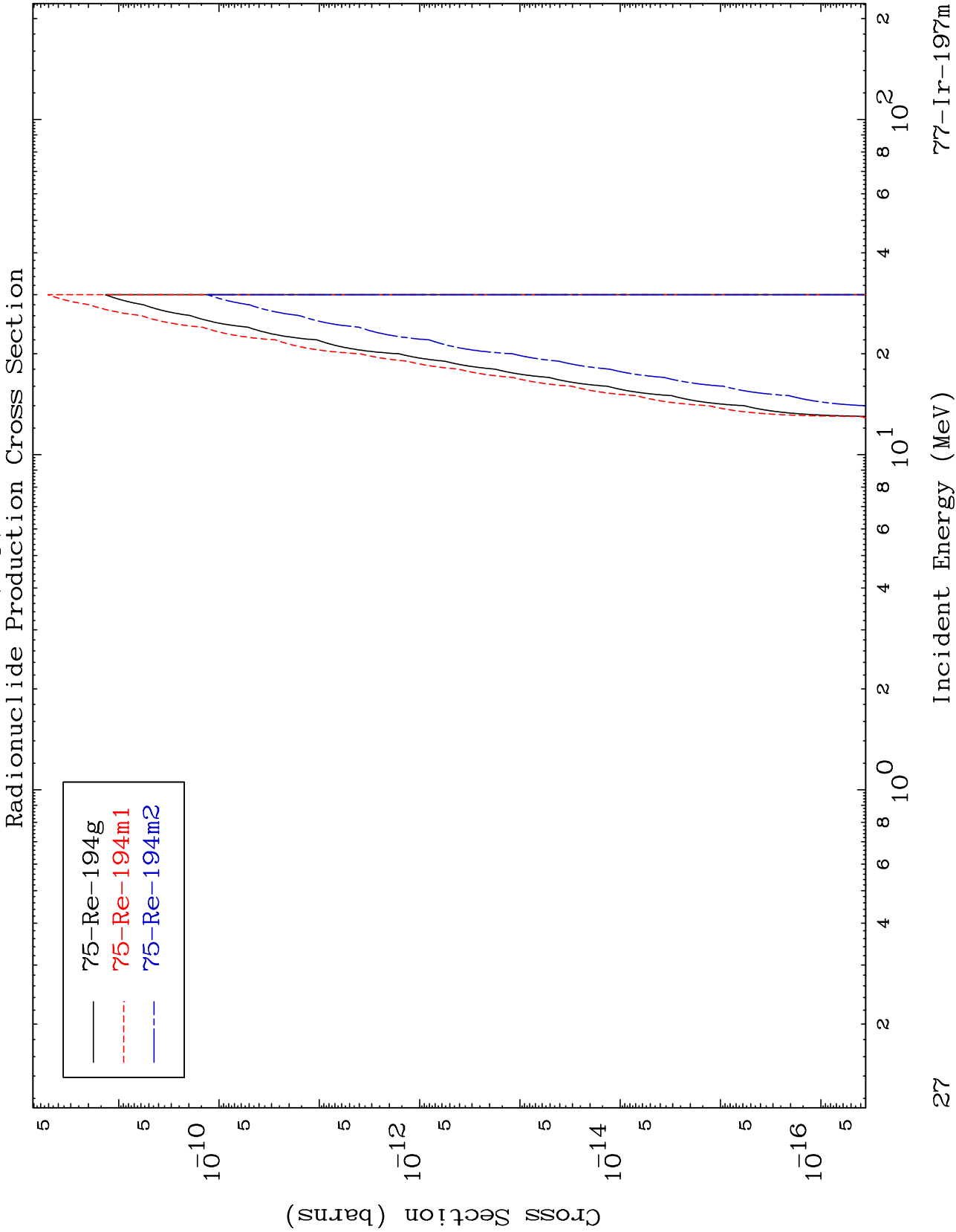
77-Ir-197m

Incident Energy (MeV)

MAT 7744

(n,p) α

77-Ir-197m



75-Re-194g
75-Re-194m1
75-Re-194m2