

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

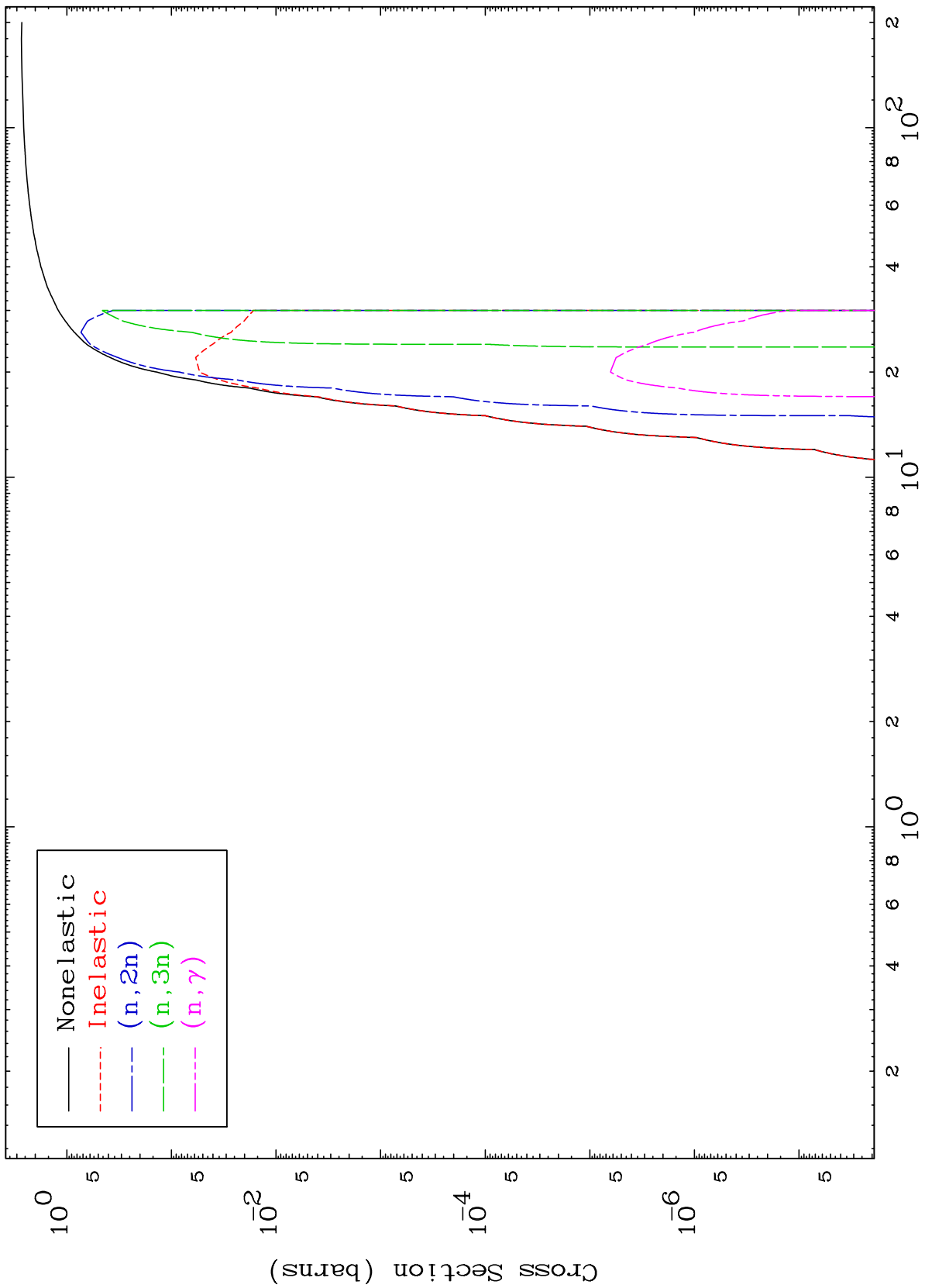
Press Mouse Button to Start

MAT 7644

α Major

76-0s-190m

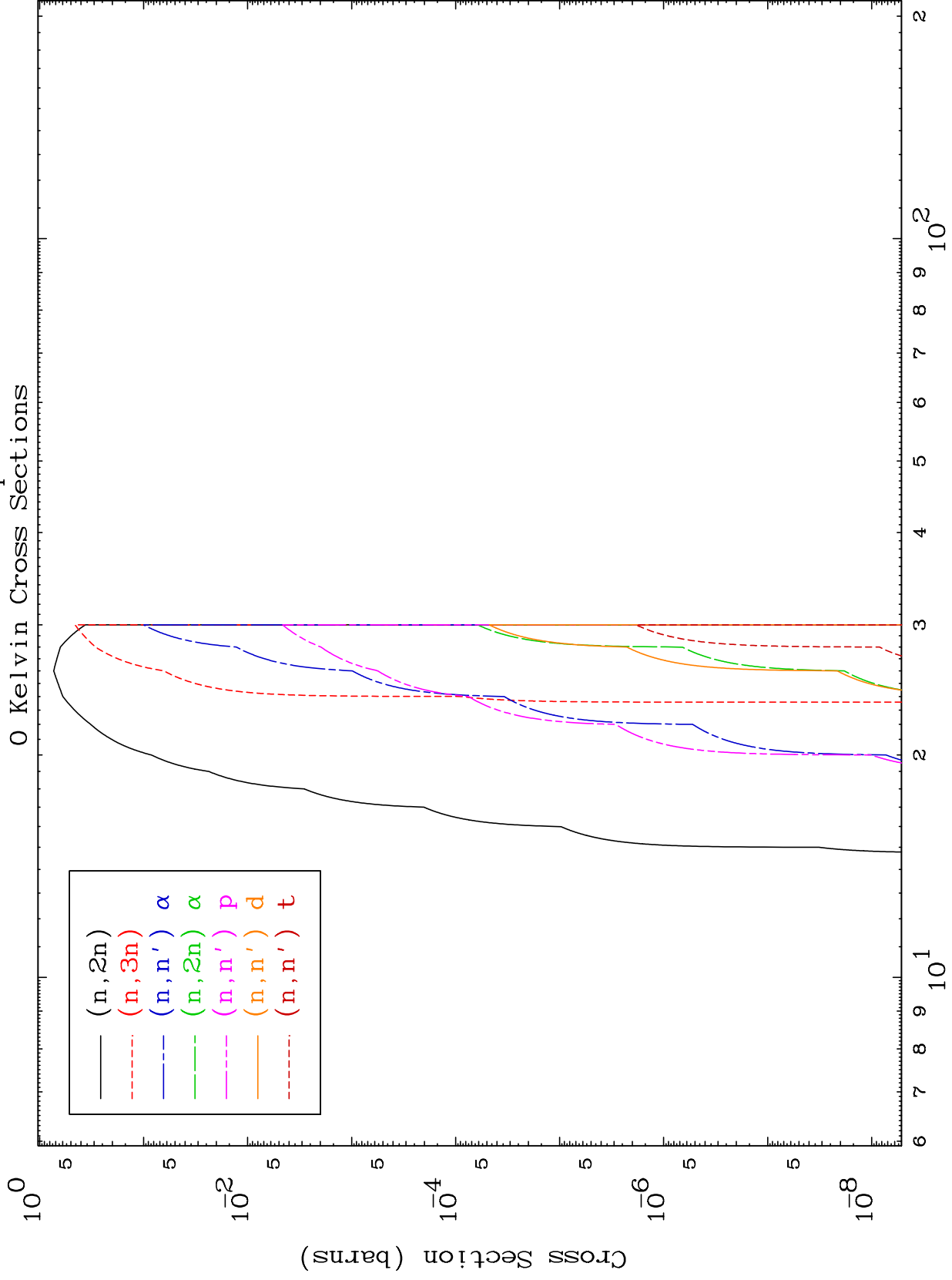
0 Kelvin Cross Sections



MAT 7644

α Neutron Absorption
0 Kelvin Cross Sections

76-0s-190m



2

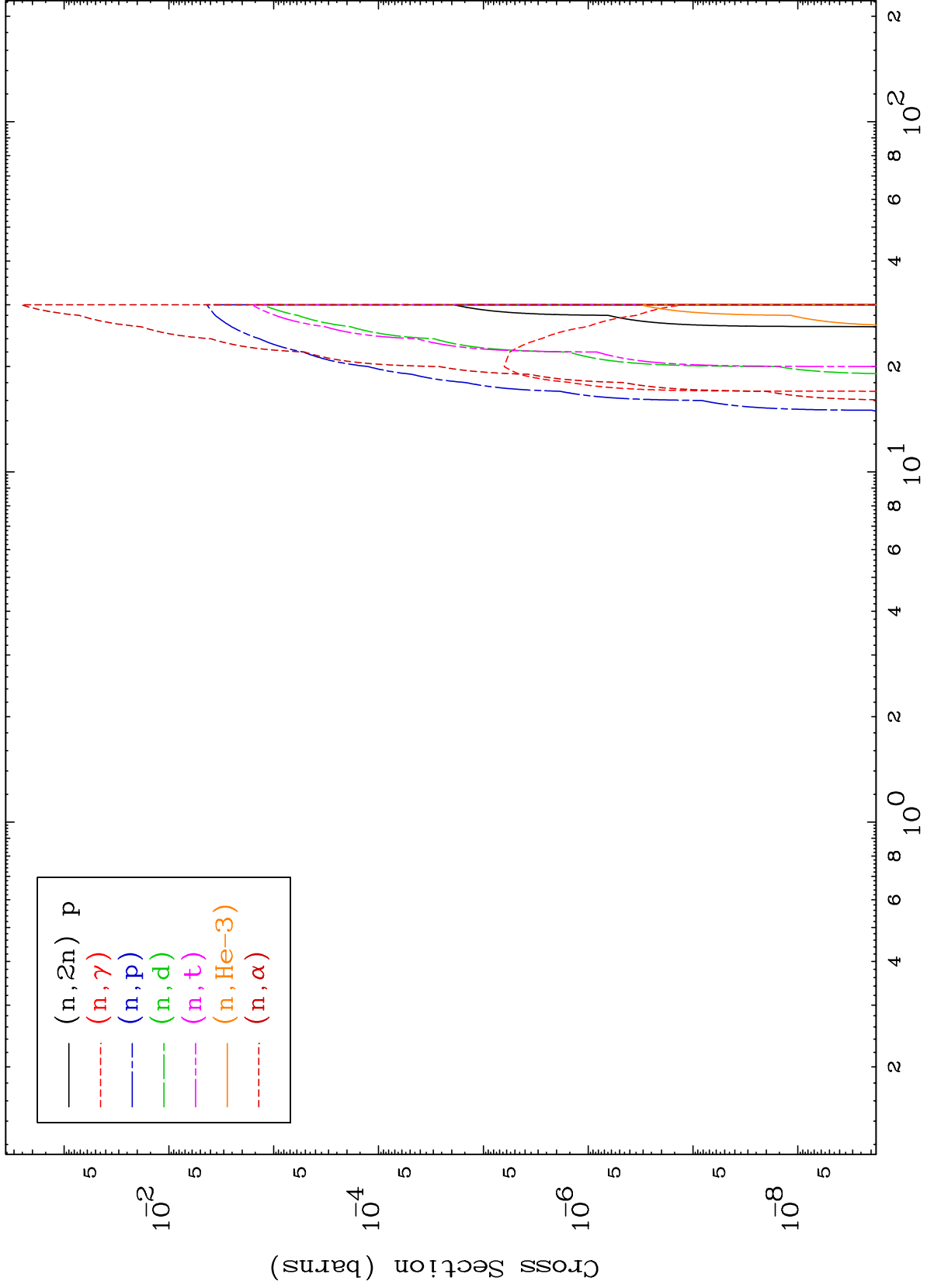
Incident Energy (MeV)

76-0s-190m

MAT 7644

α Neutron Absorption
0 Kelvin Cross Sections

76-0s-190m

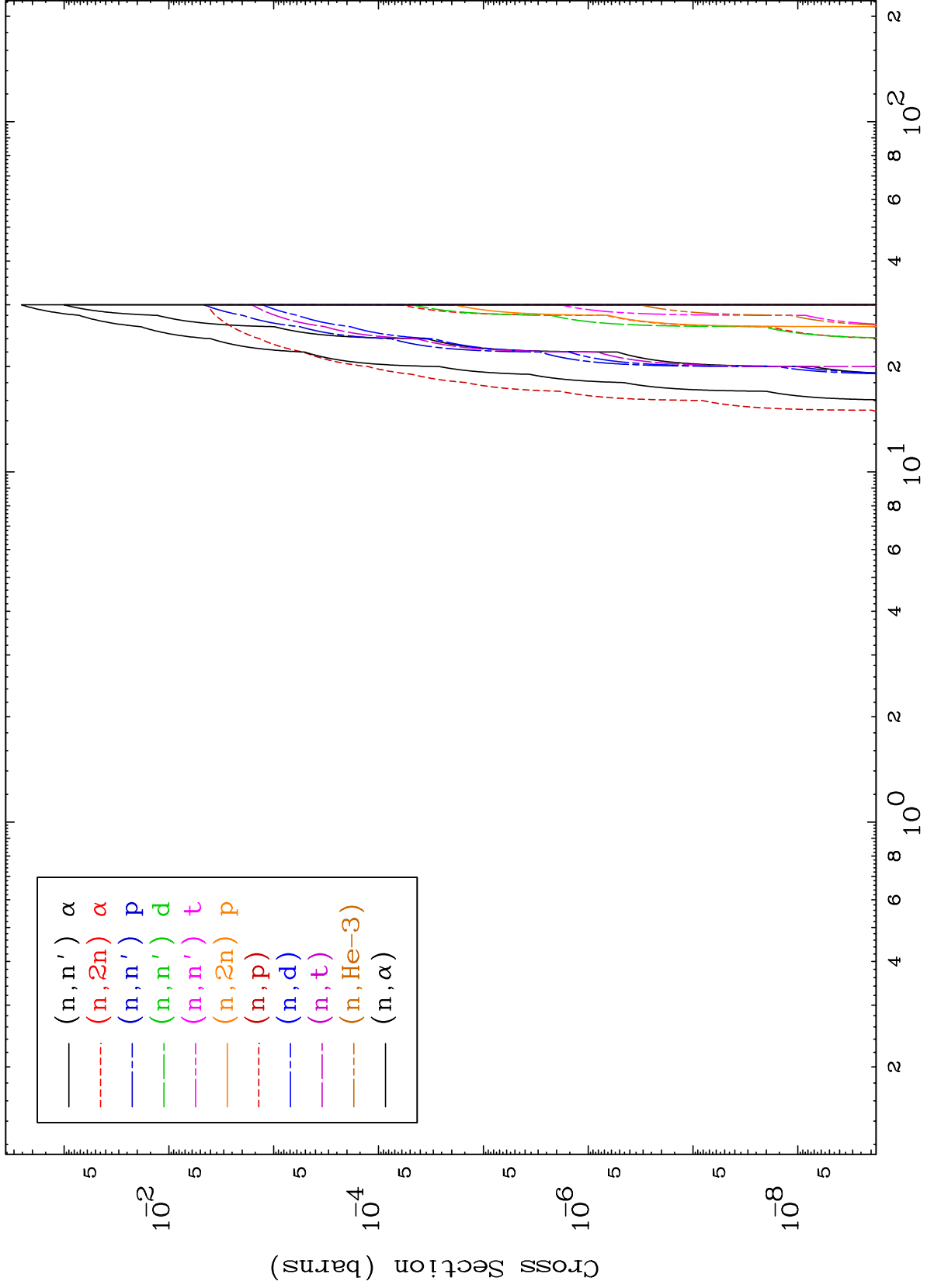


MAT 7644

α Charged Particle

76-0s-190m

0 Kelvin Cross Sections

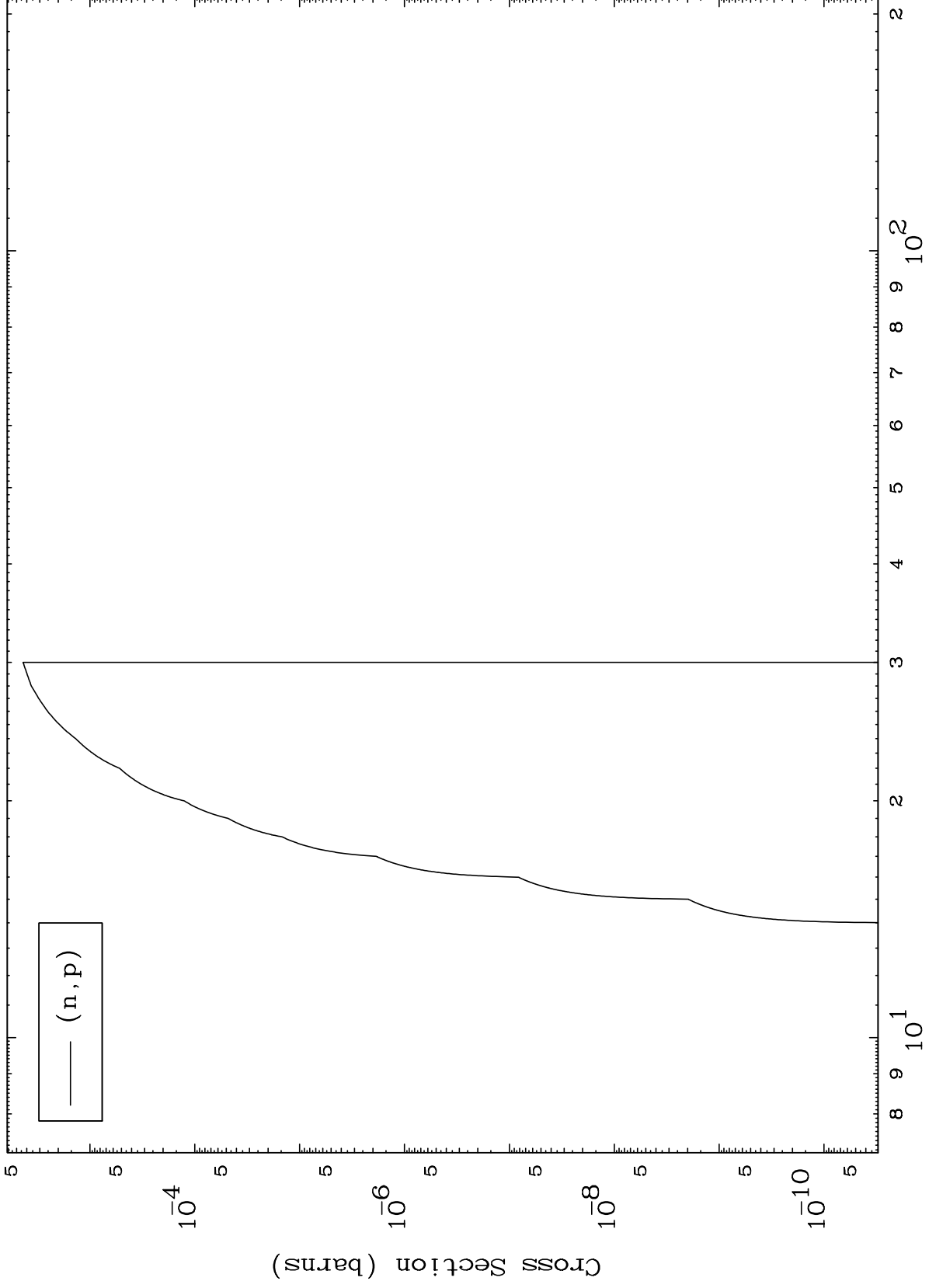


MAT 7644

(α, p) Levels

76-0s-190m

0 Kelvin Cross Sections



5

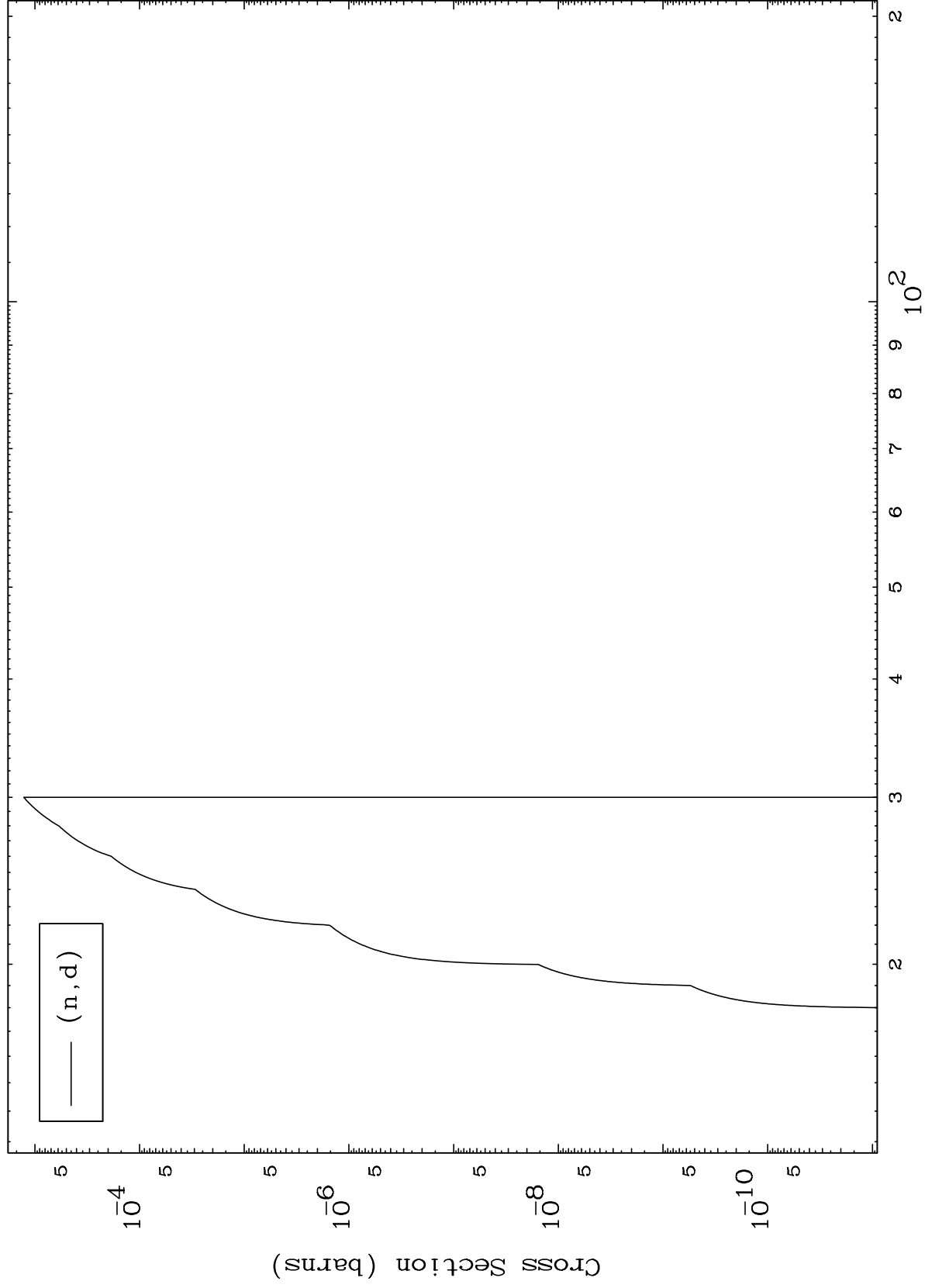
Incident Energy (MeV)

76-0s-190m

MAT 7644

(α, d) Levels
0 Kelvin Cross Sections

76-0s-190m



6

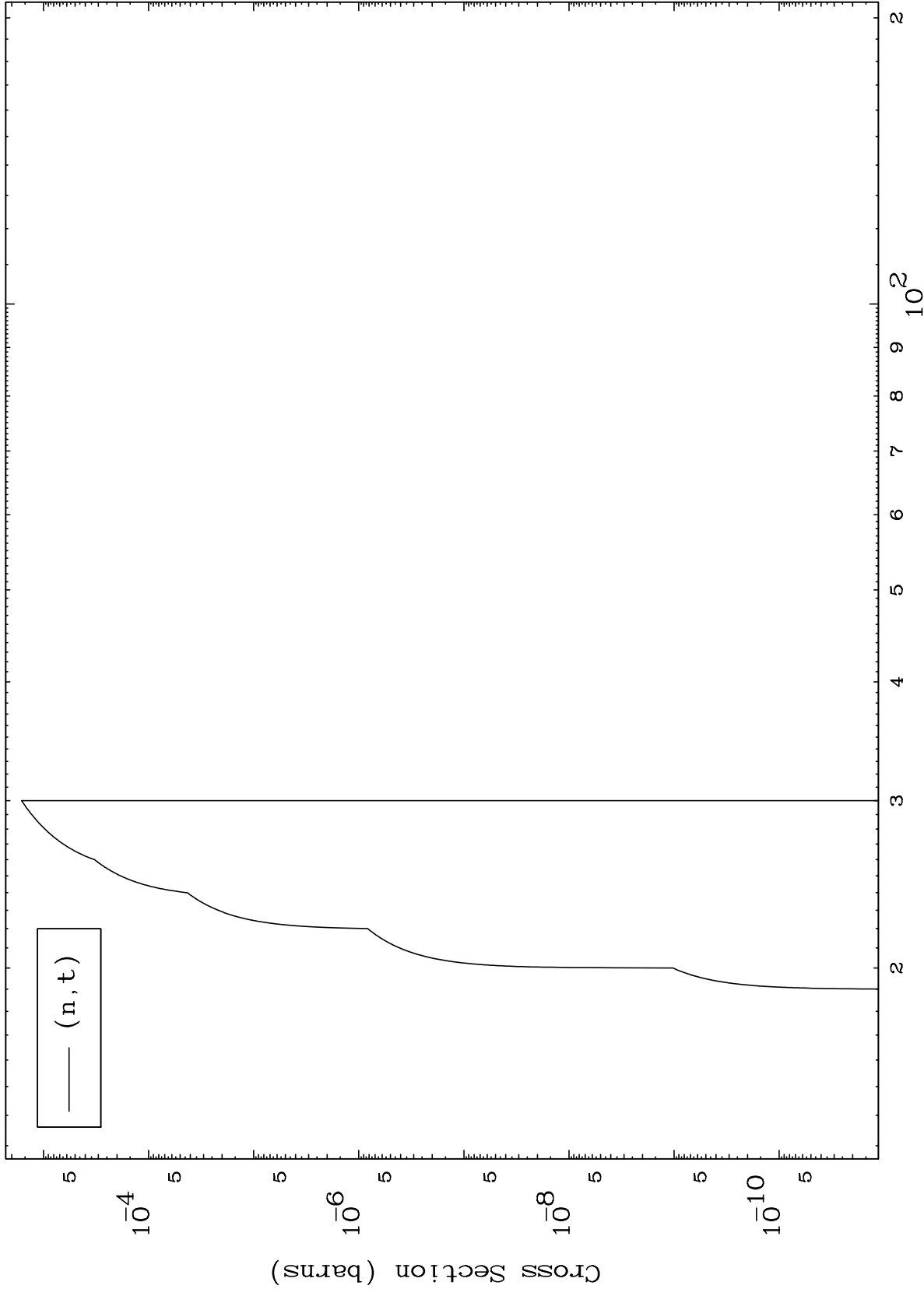
Incident Energy (MeV)

76-0s-190m

MAT 7644

(α, t) Levels
0 Kelvin Cross Sections

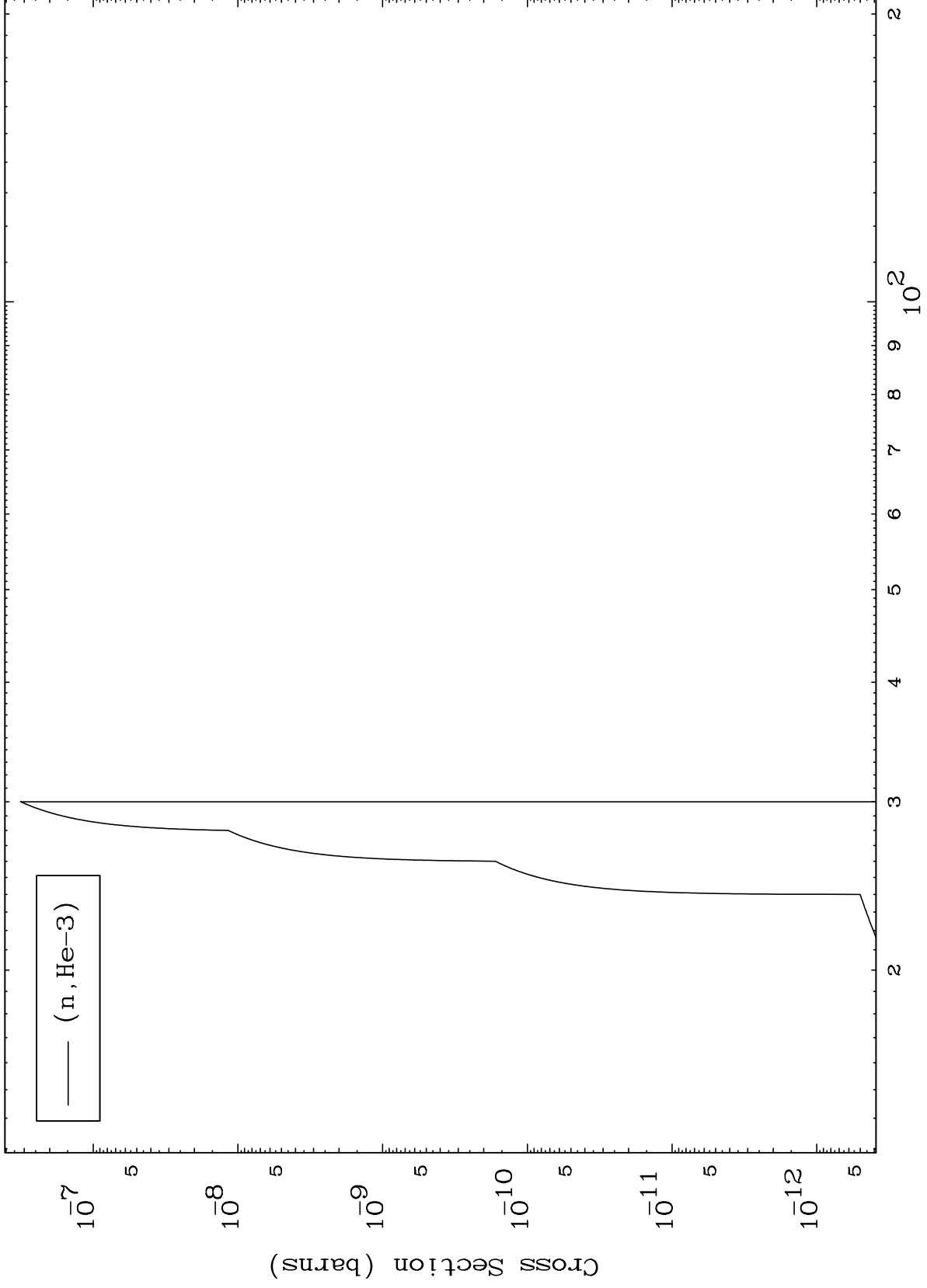
76-0s-190m



MAT 7644

(α , He3) Levels
0 Kelvin Cross Sections

76-0s-190m

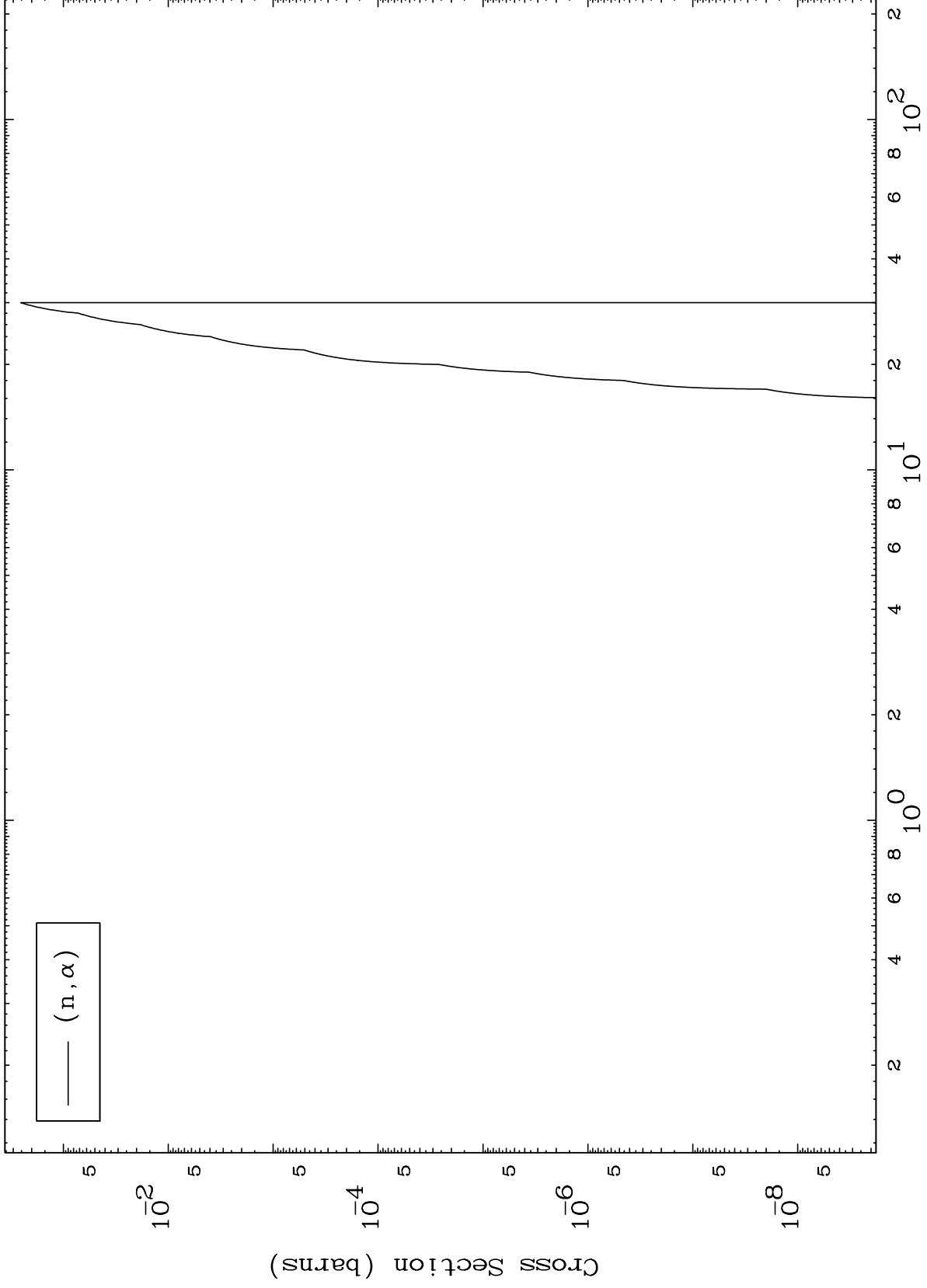


MAT 7644

(α, α) Levels

76-0s-190m

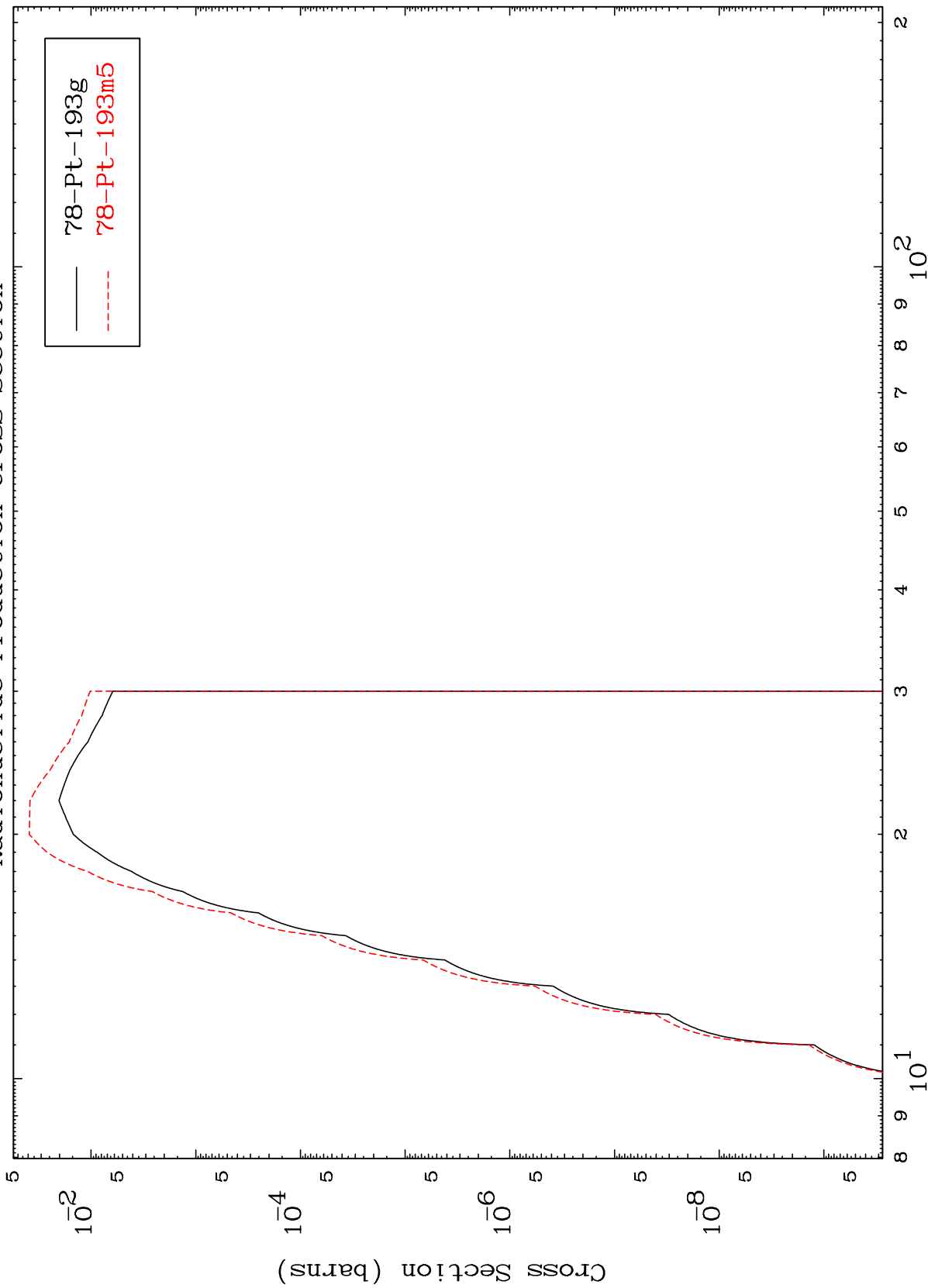
0 Kelvin Cross Sections



MAT 7644

76-0s-190m

Inelastic
Radionuclide Production Cross Section



76-0s-190m

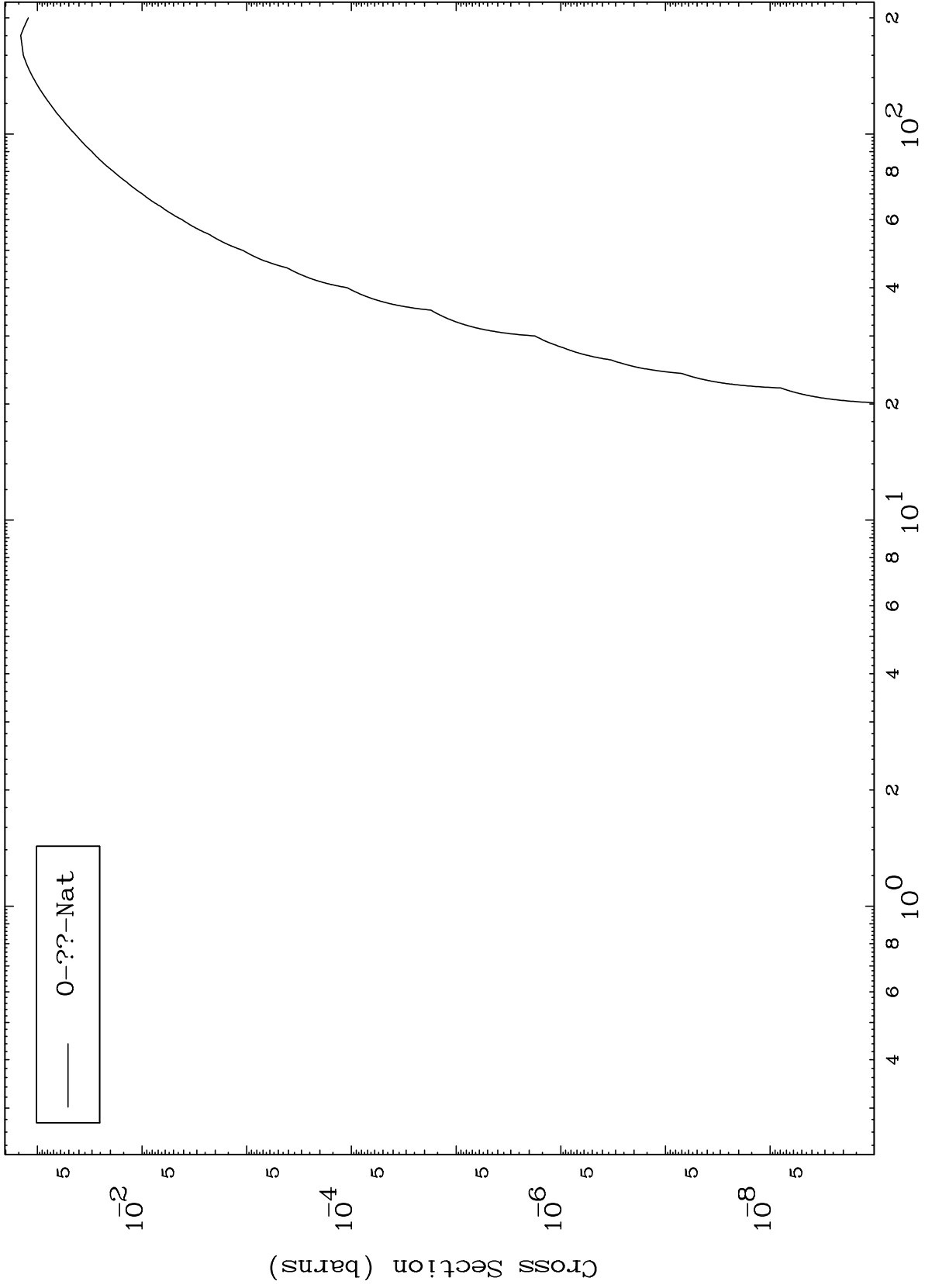
Incident Energy (MeV)

10

MAT 7644

Fission
Radionuclide Production Cross Section

⁷⁶Os-190m

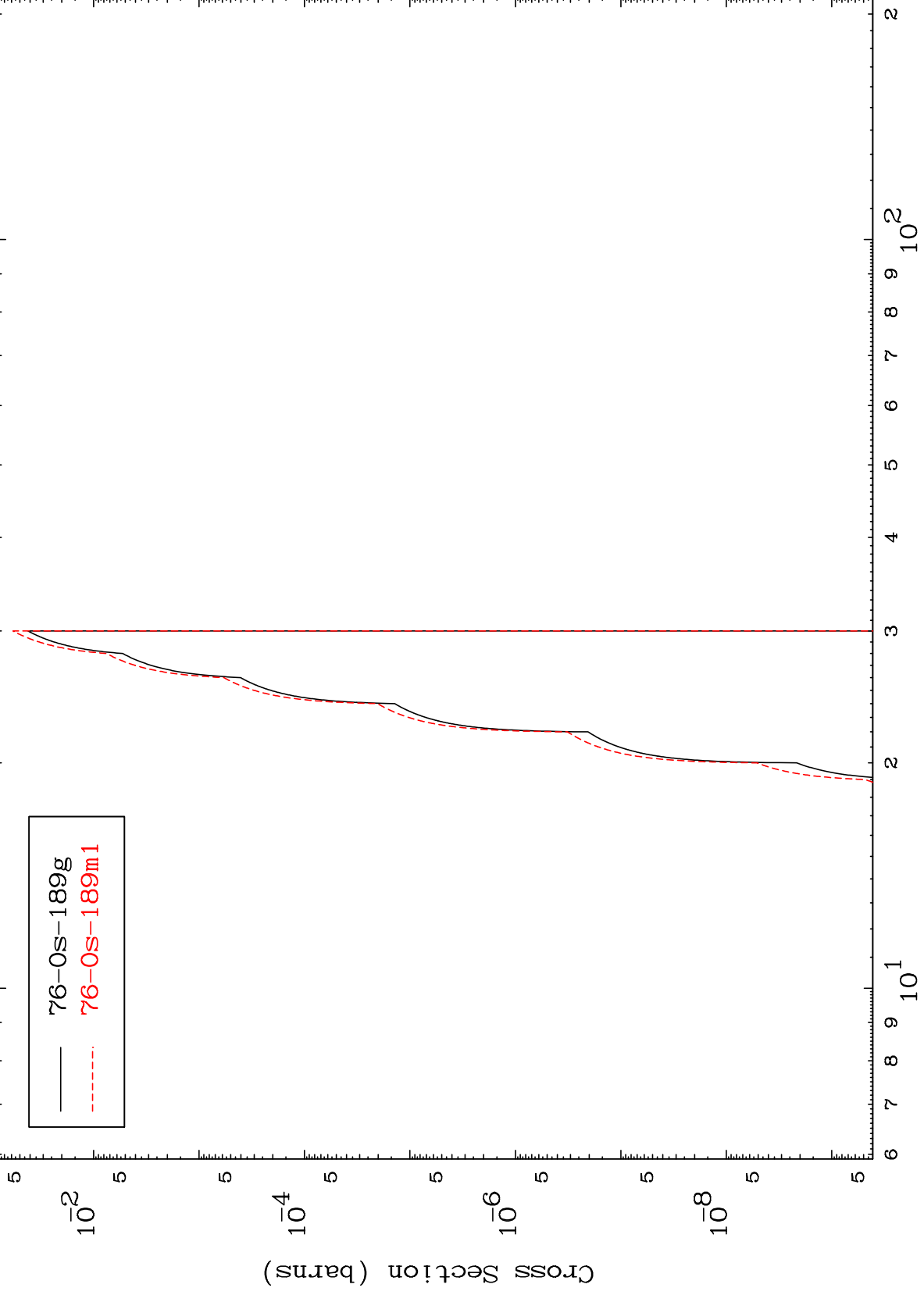


MAT 7644

$(n, n') \alpha$

76-0s-190m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

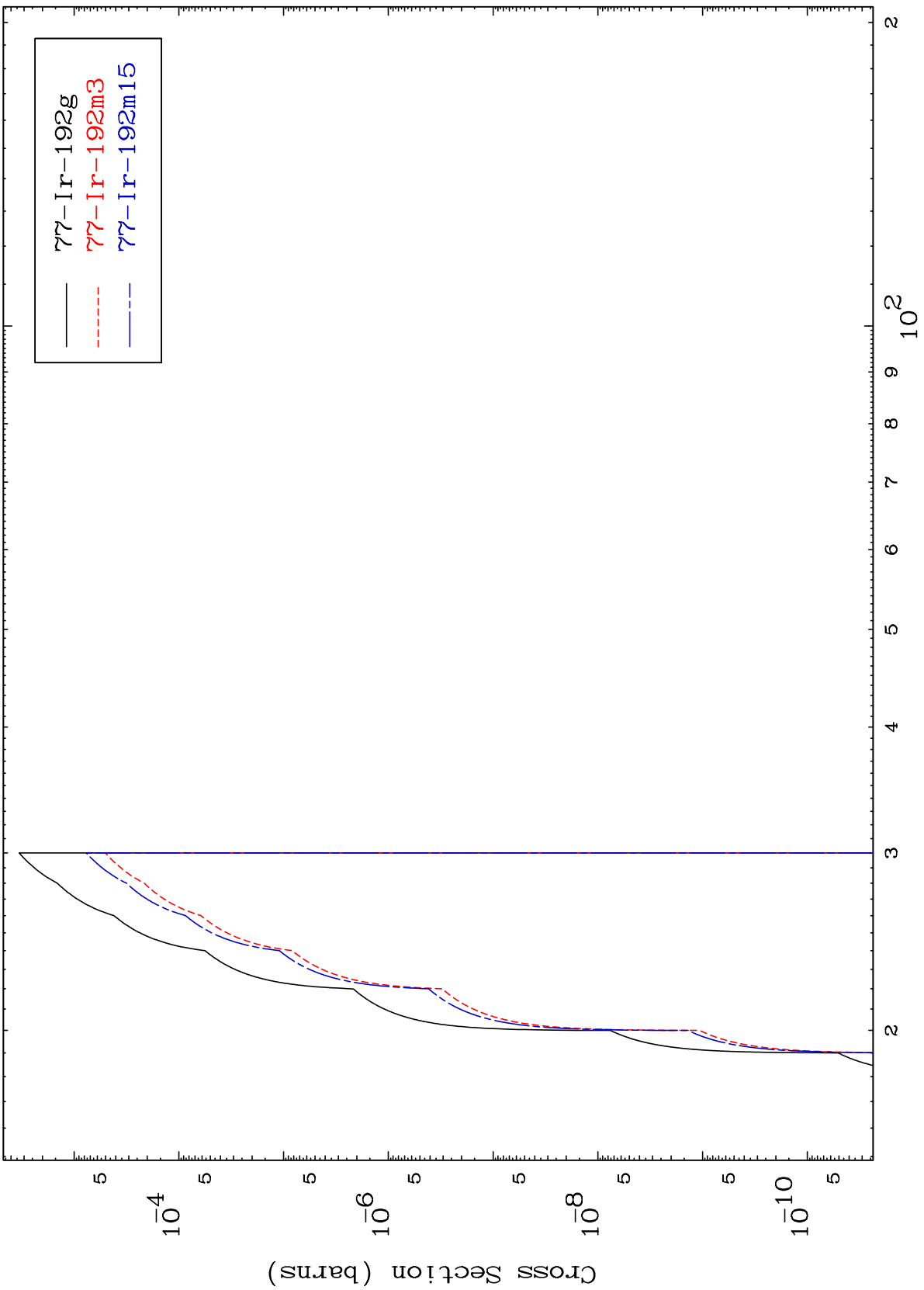
76-0s-190m

MAT 7644

(n,n') p

76-0s-190m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

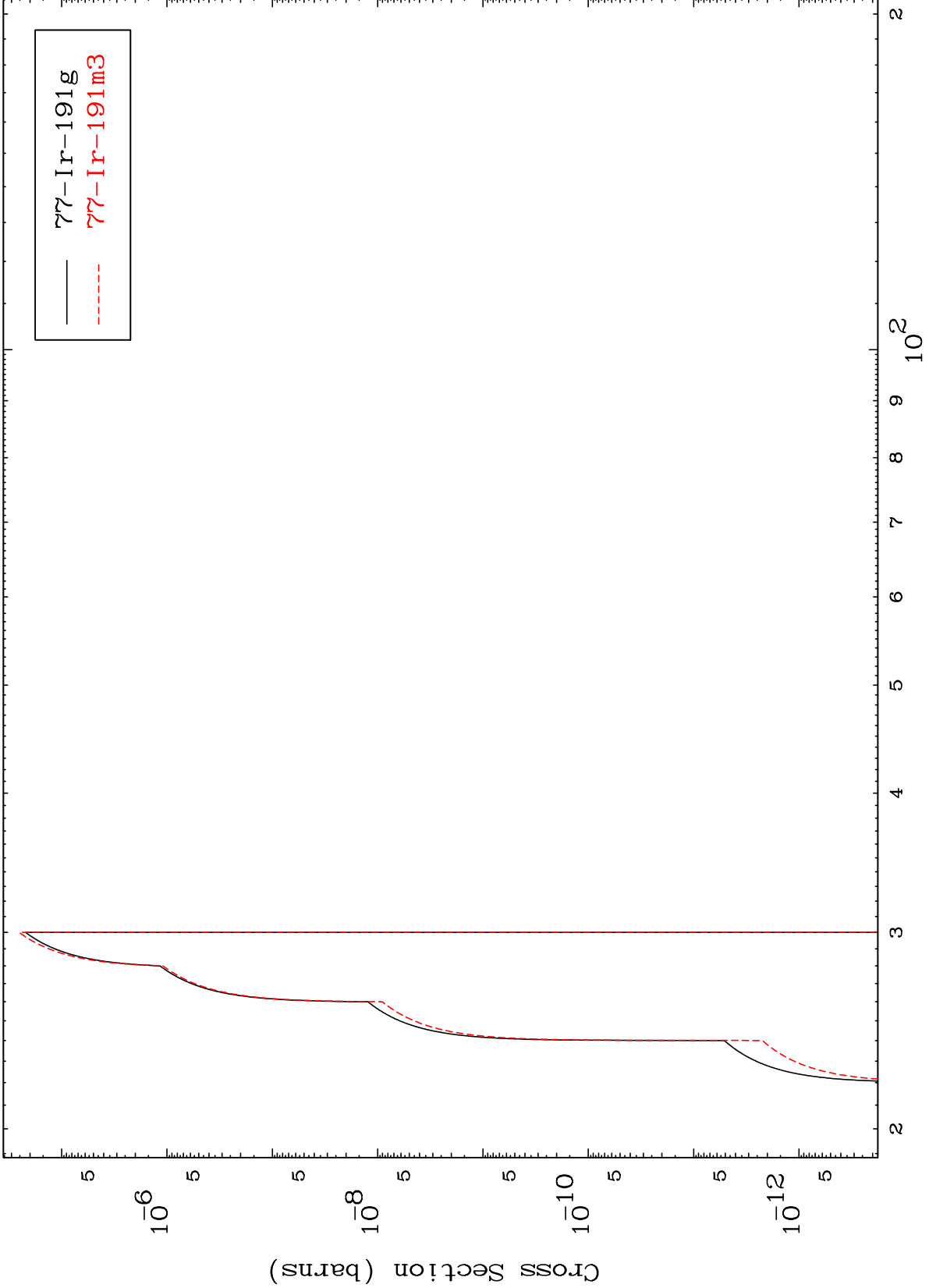
76-0s-190m

MAT 7644

(n,n') d

76-Os-190m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

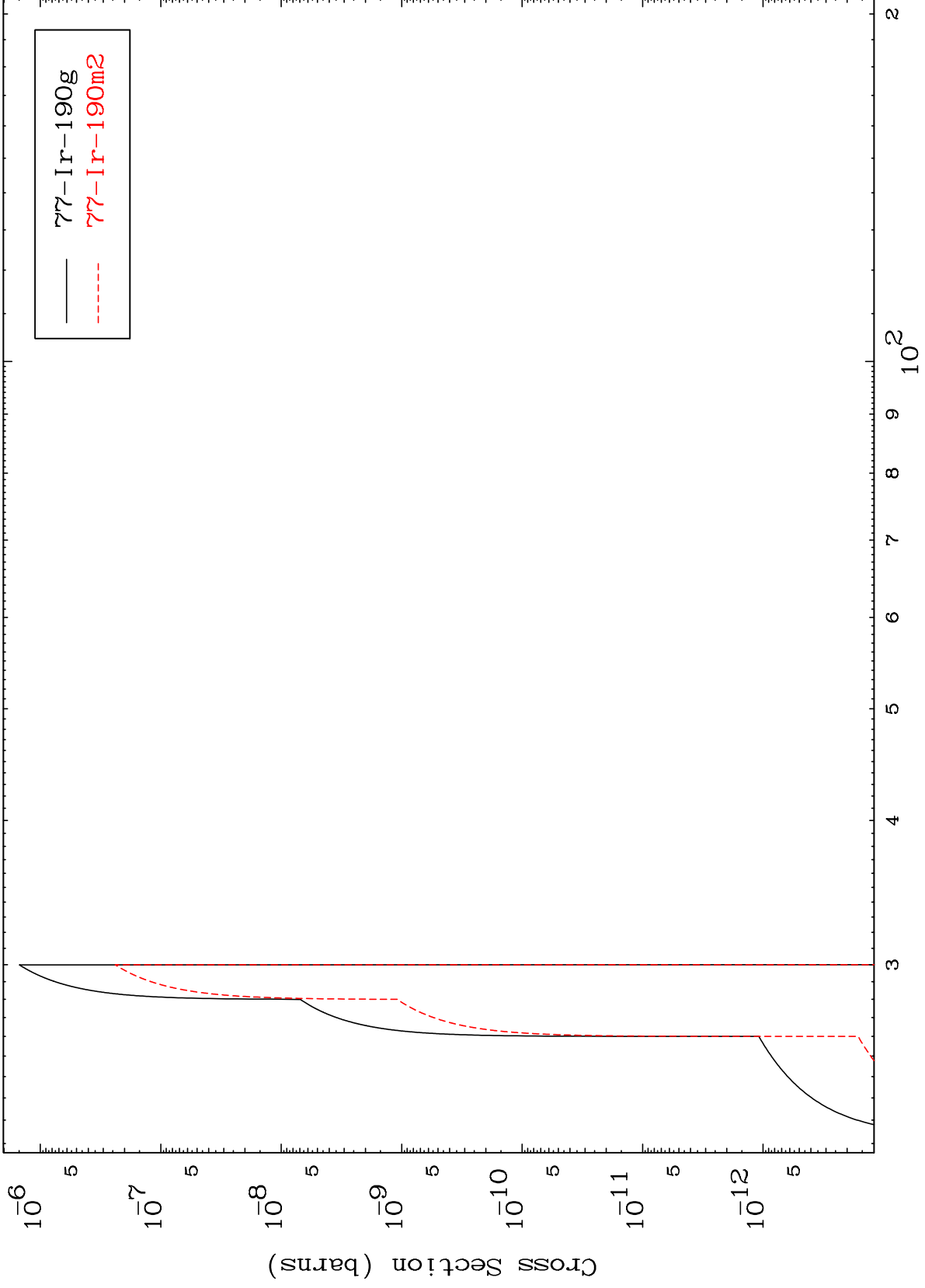
76-Os-190m

MAT 7644

(n,n') t

76-0s-190m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

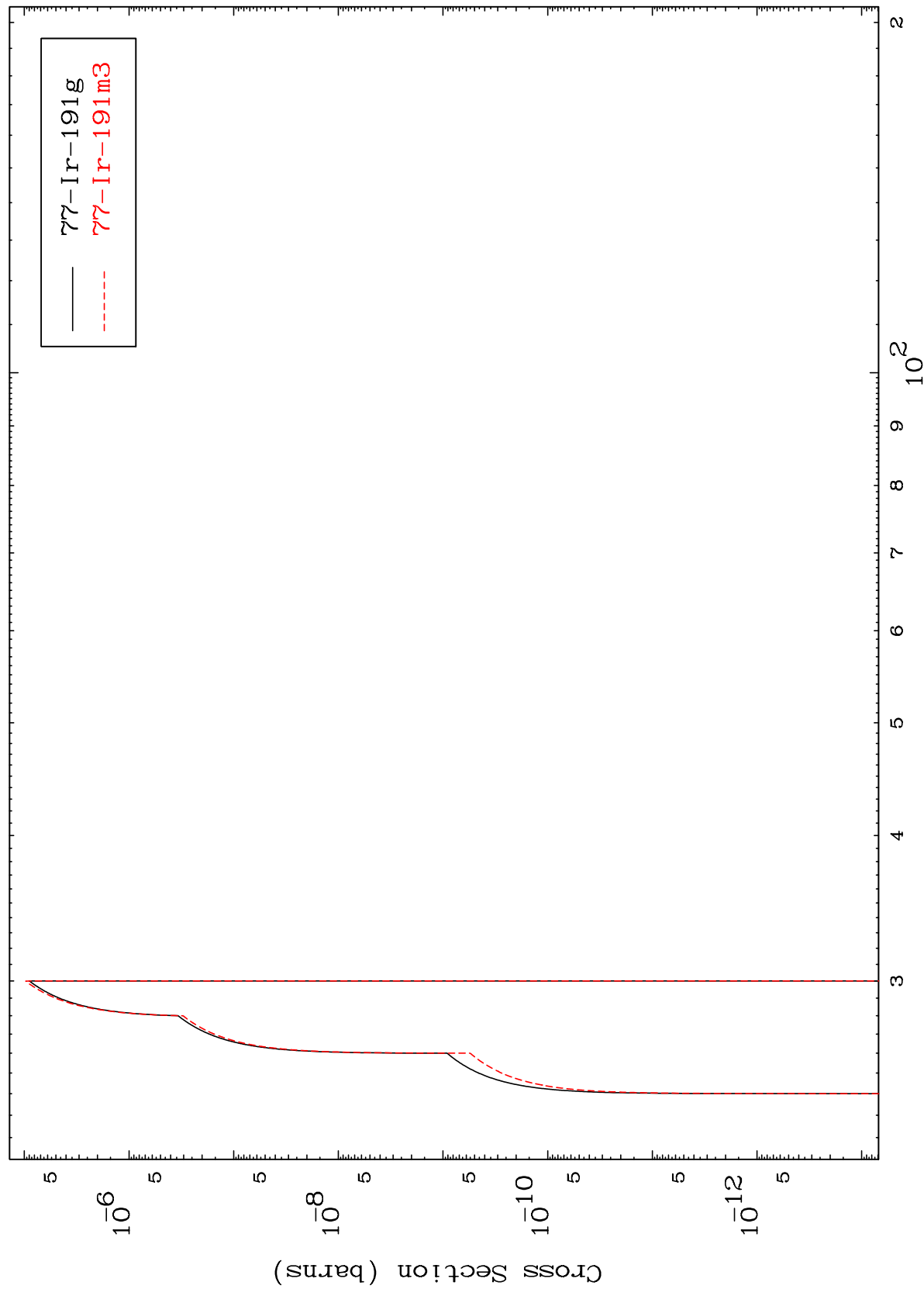
76-0s-190m

MAT 7644

(n,2n) p

76-0s-190m

Radionuclide Production Cross Section



16

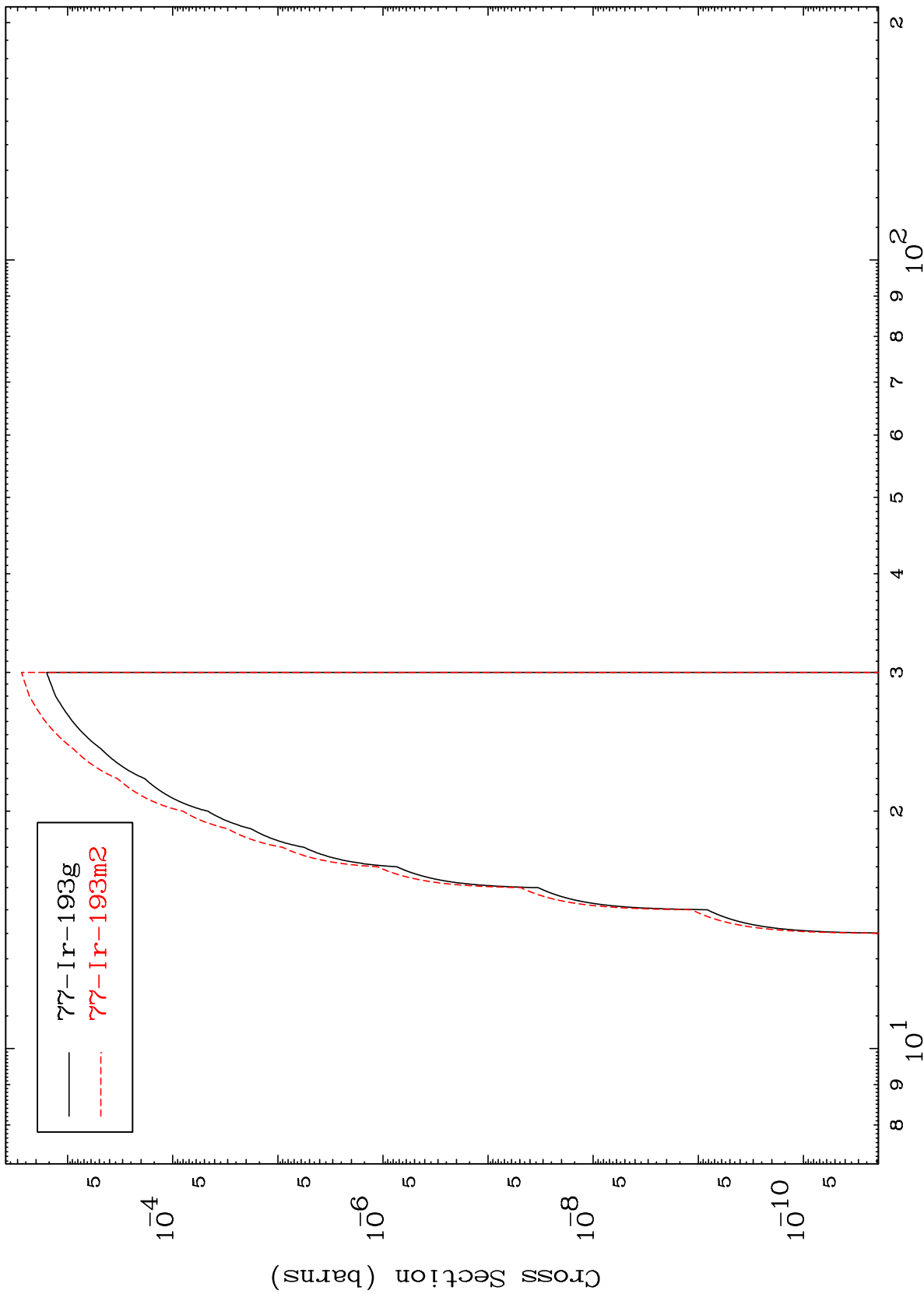
Incident Energy (MeV)

76-0s-190m

MAT 7644

76-0s-190m

Radionuclide Production Cross Section



17

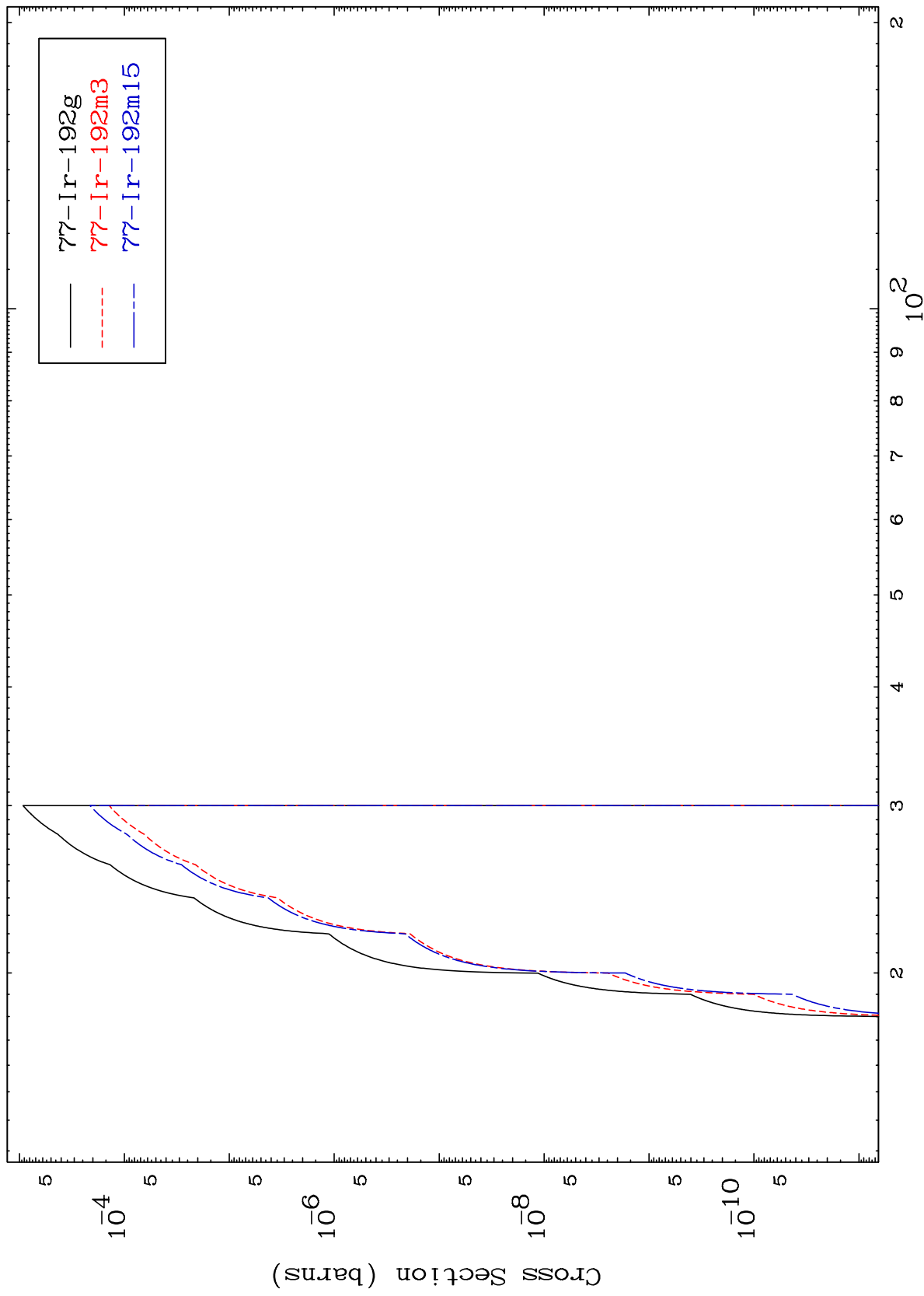
Incident Energy (MeV)

76-0s-190m

MAT 7644

76-0s-190m

(n,d)
Radionuclide Production Cross Section



18

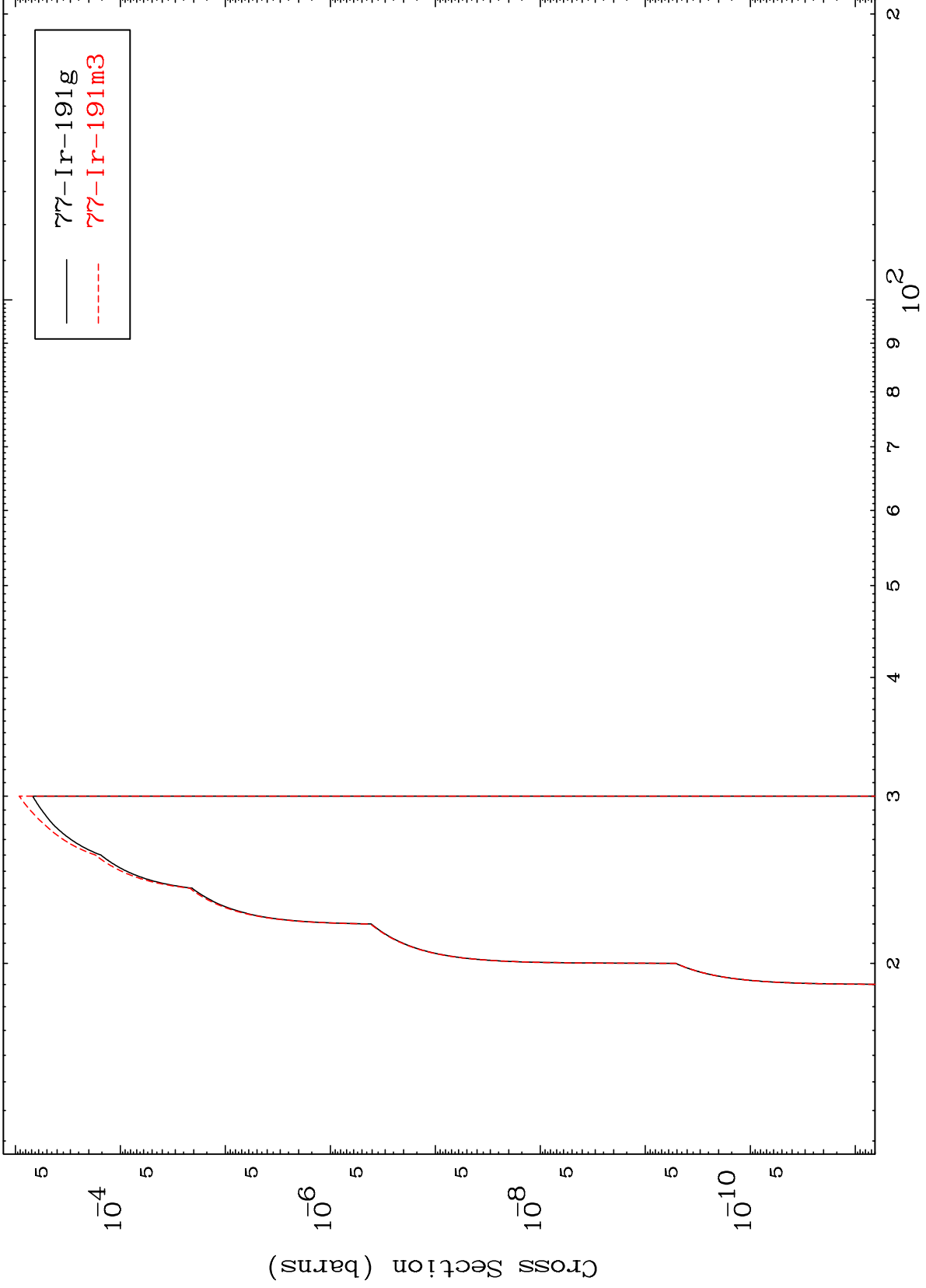
Incident Energy (MeV)

76-0s-190m

MAT 7644

76-0s-190m

(n,t)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

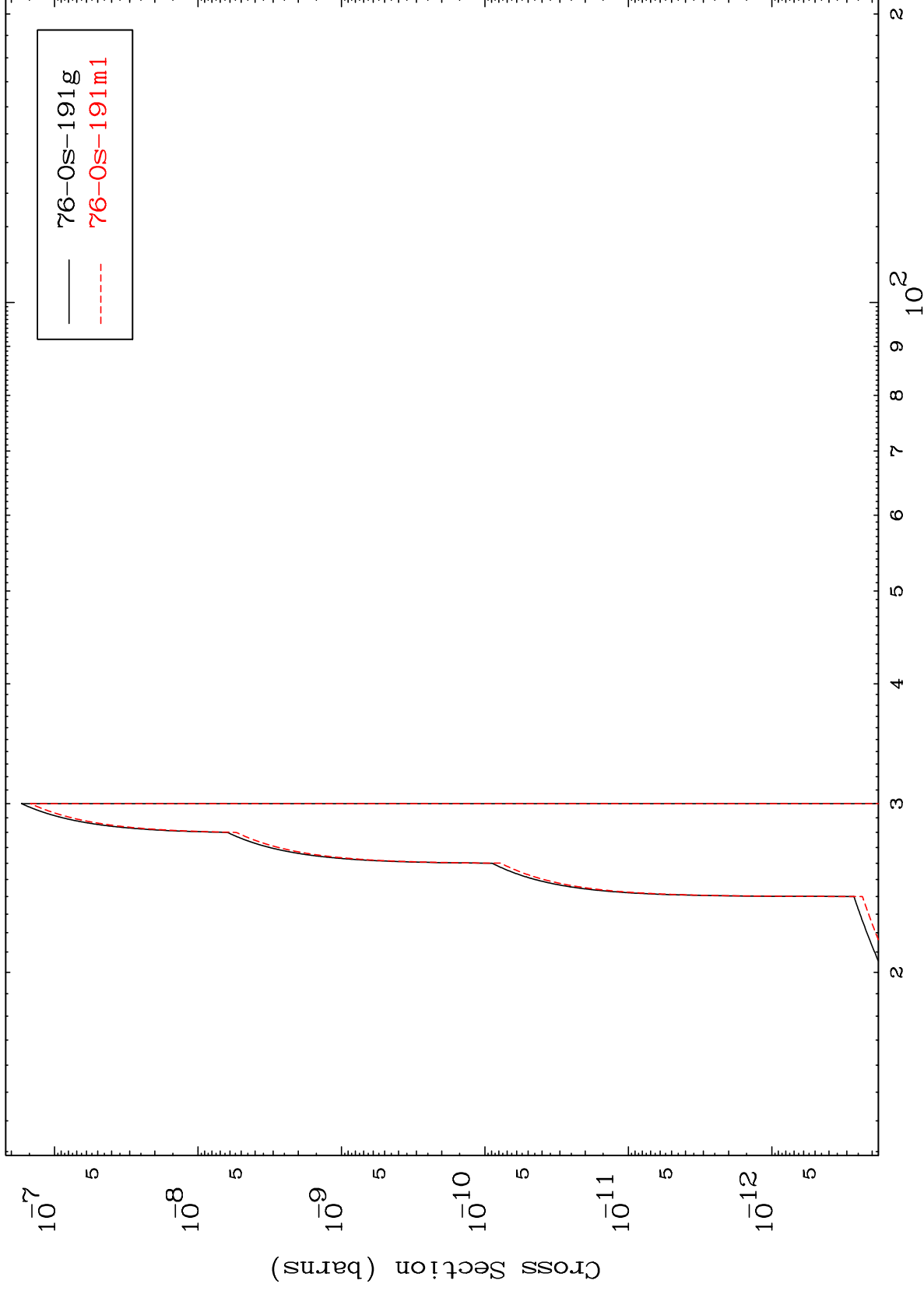
76-0s-190m

MAT 7644

(n,He-3)

76-0s-190m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

76-0s-190m