

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

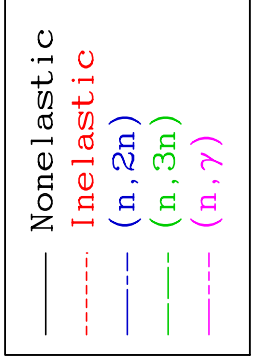
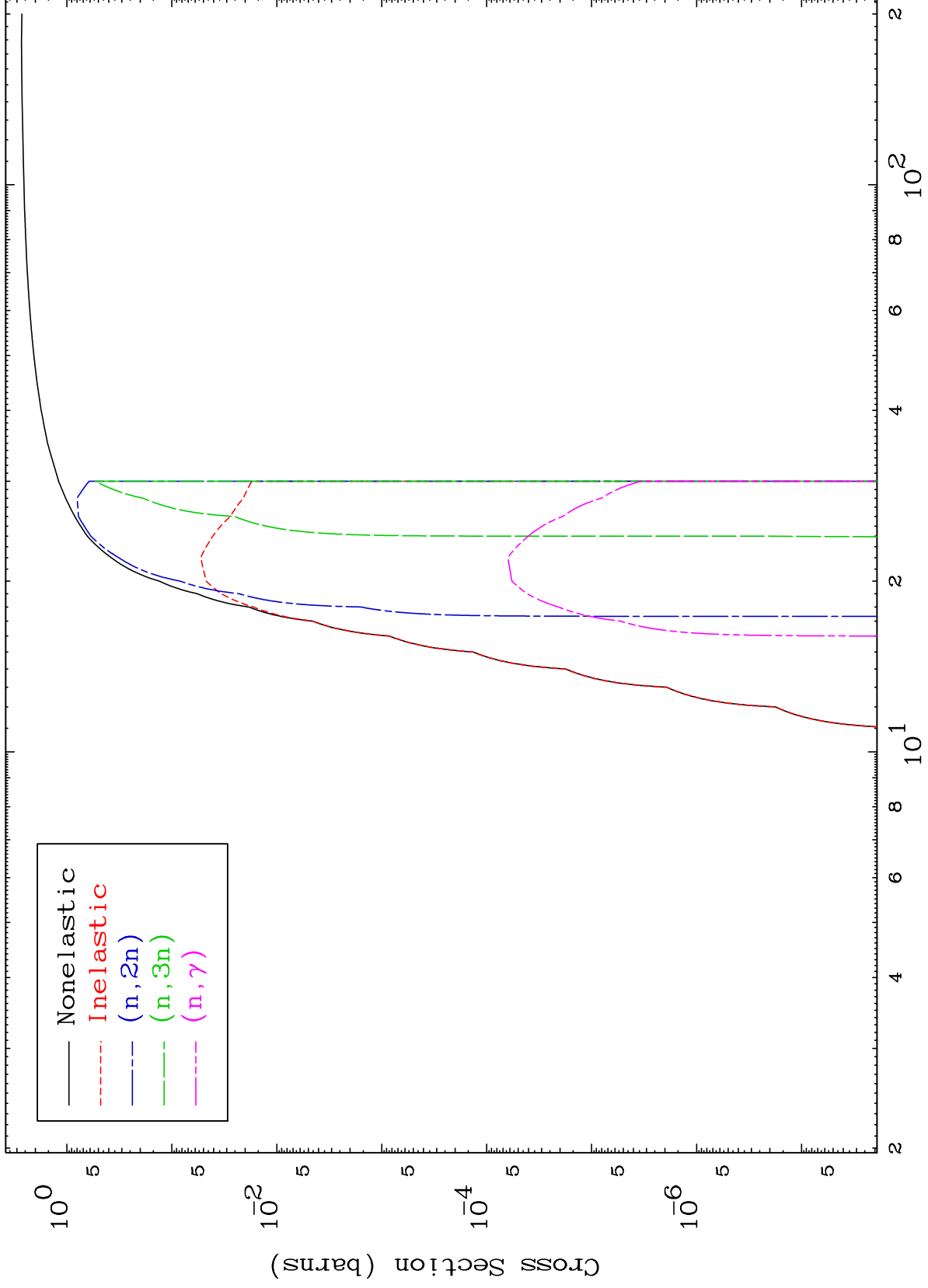
Press Mouse Button to Start

MAT 7641

0 Kelvin

$\alpha$  Major Cross Sections

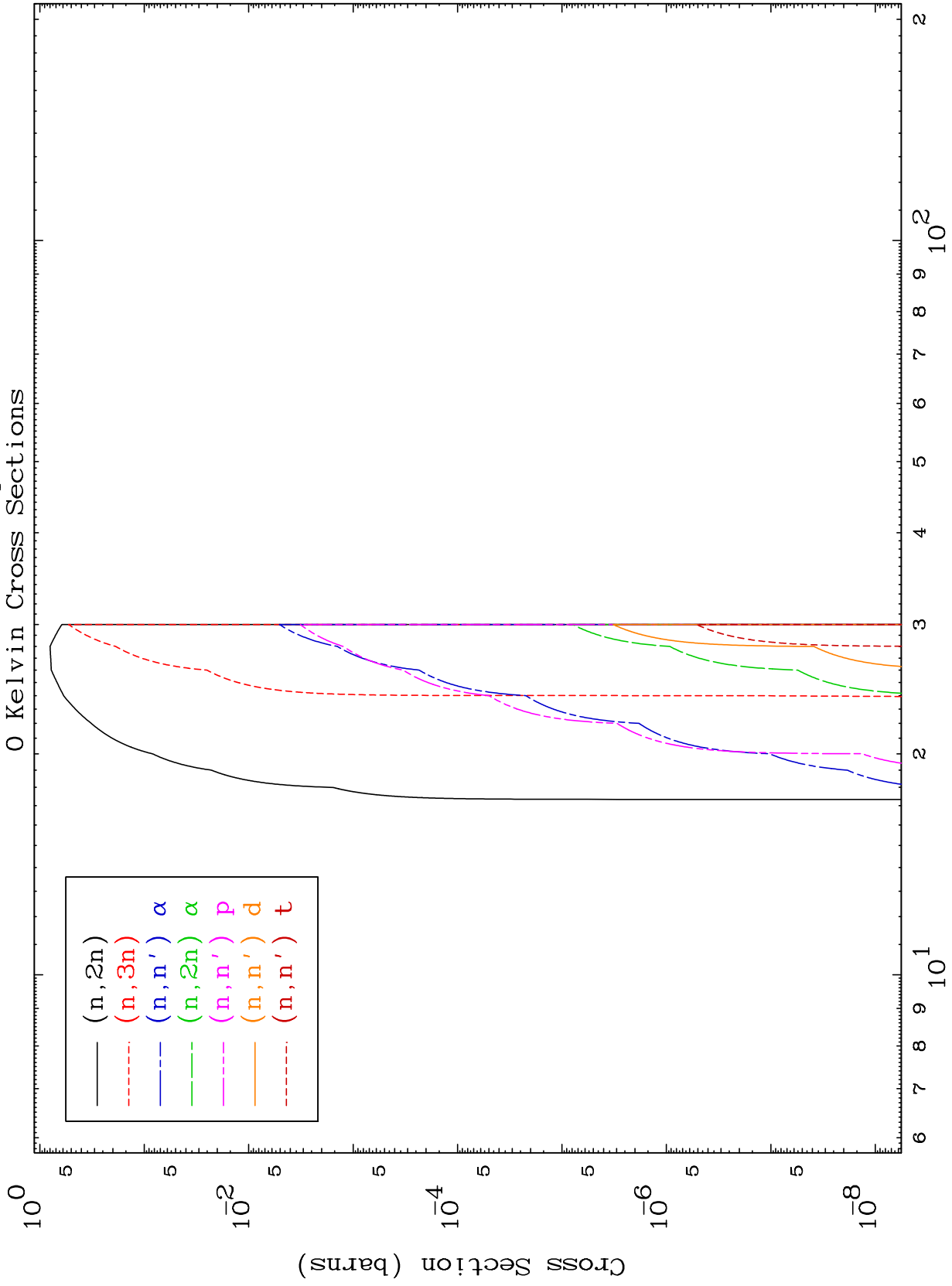
76-0s-189m



MAT 7641

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

76-0s-189m



2

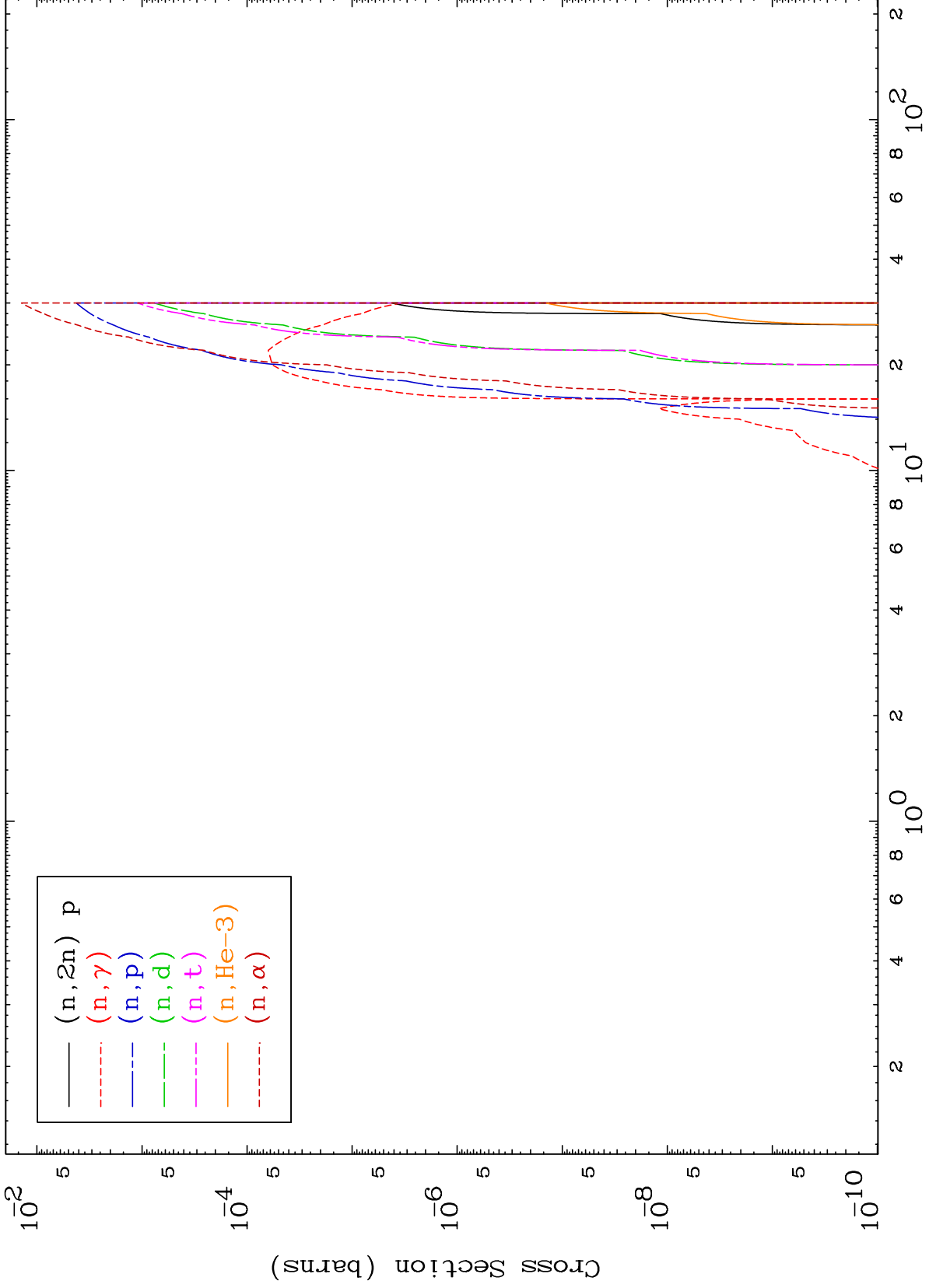
Incident Energy (MeV)

76-0s-189m

MAT 7641

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

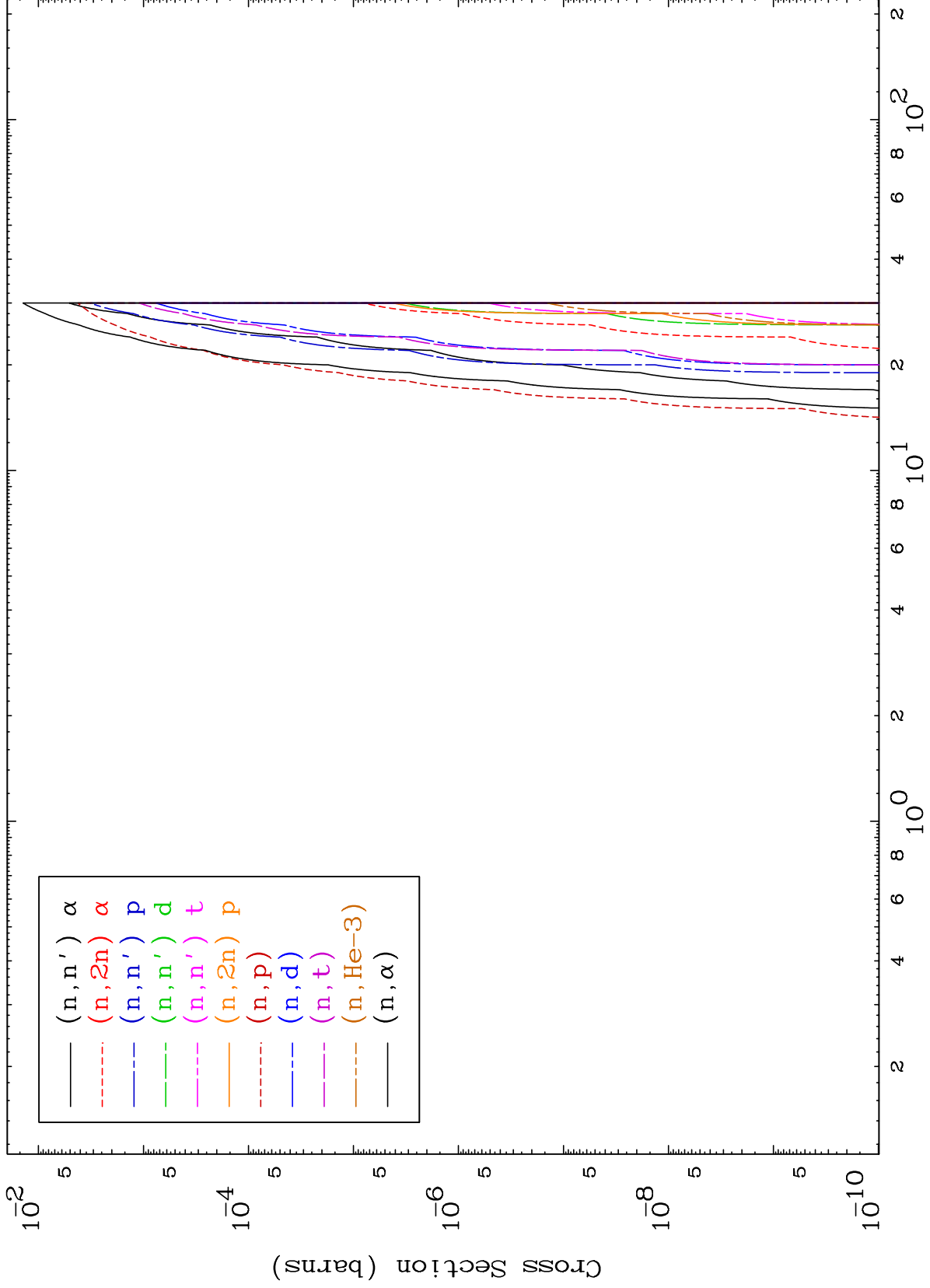
76-0s-189m



MAT 7641

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

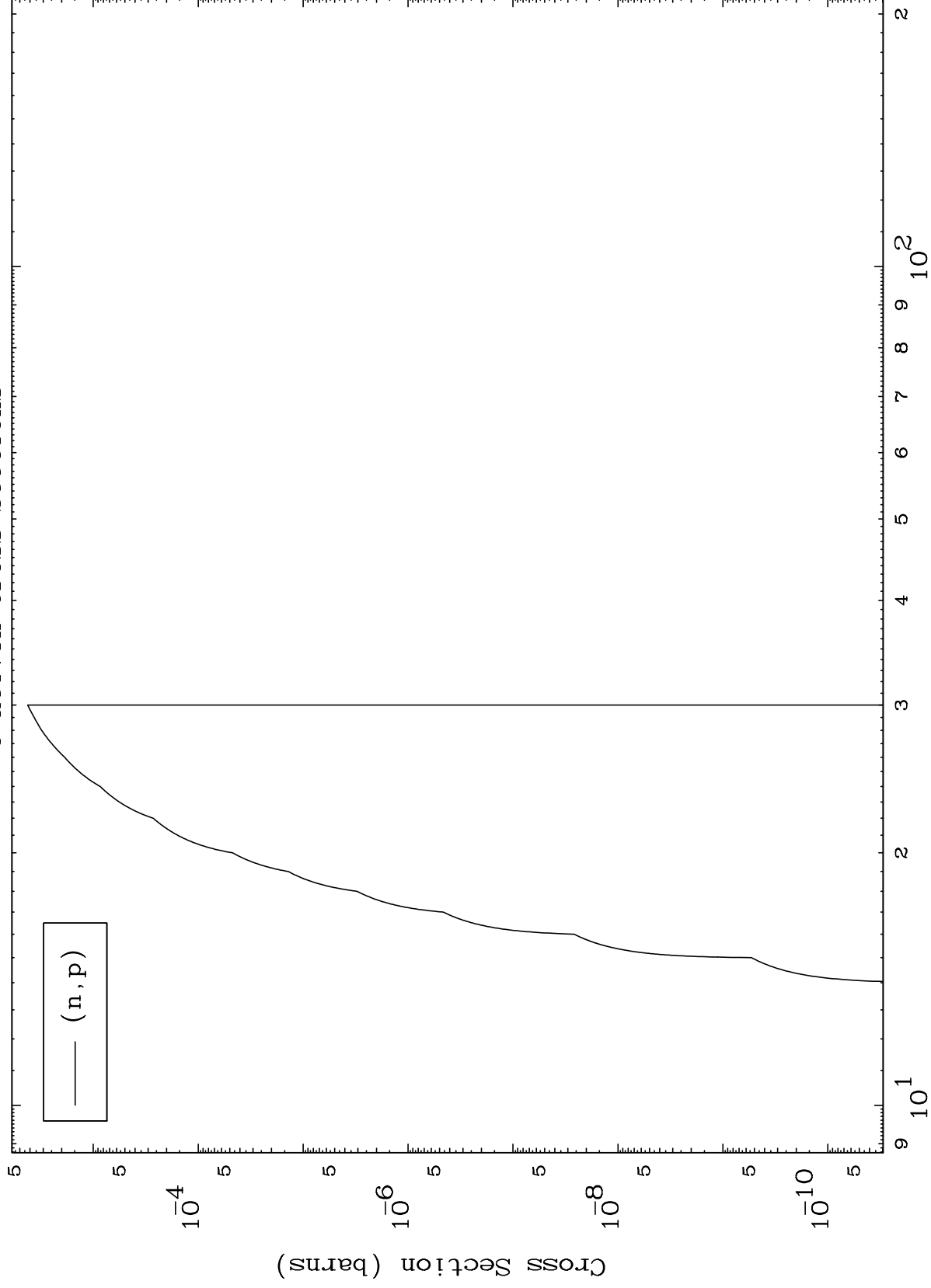
76-0s-189m



MAT 7641

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

76-0s-189m



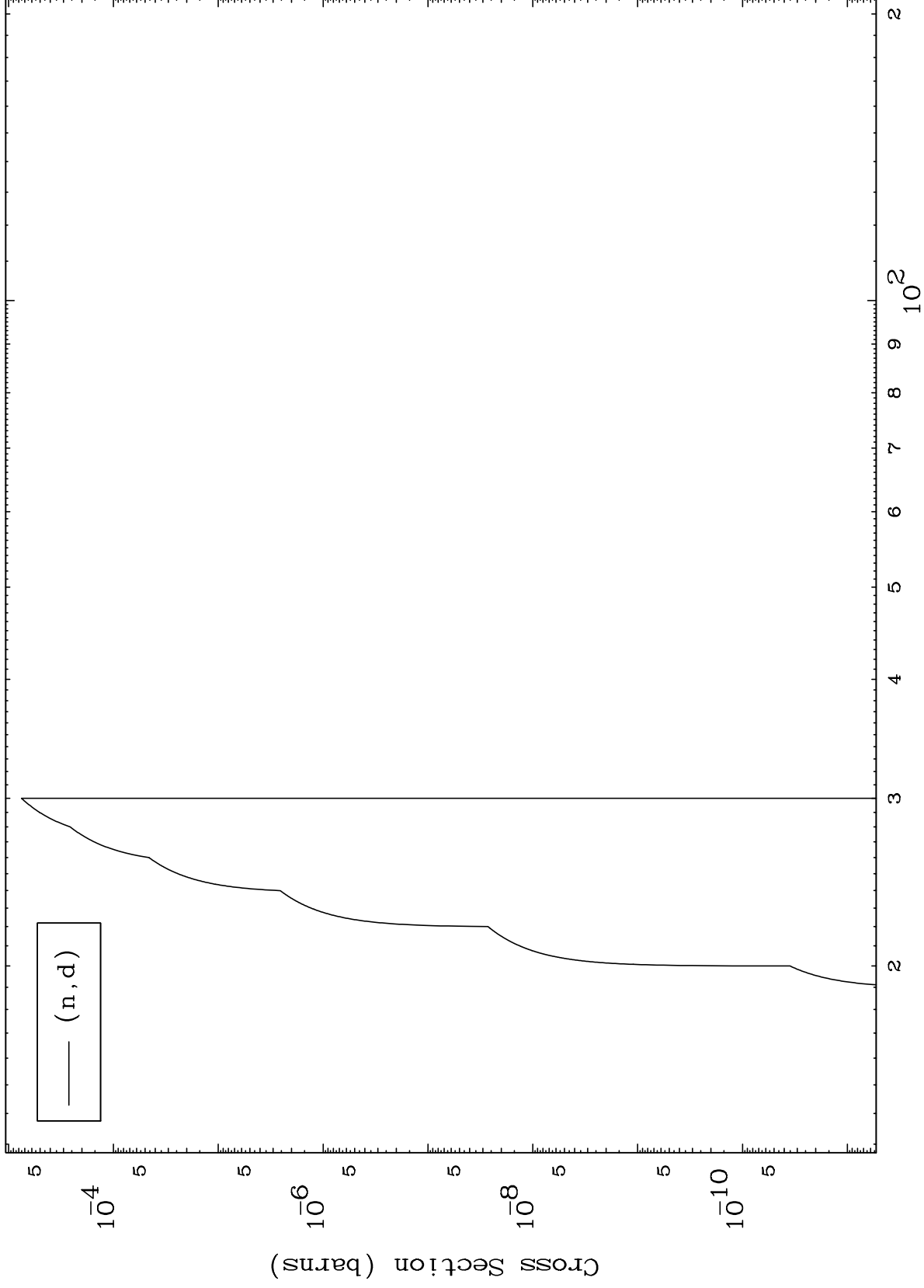
Incident Energy (MeV)

76-0s-189m

MAT 7641

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

76-0s-189m



6

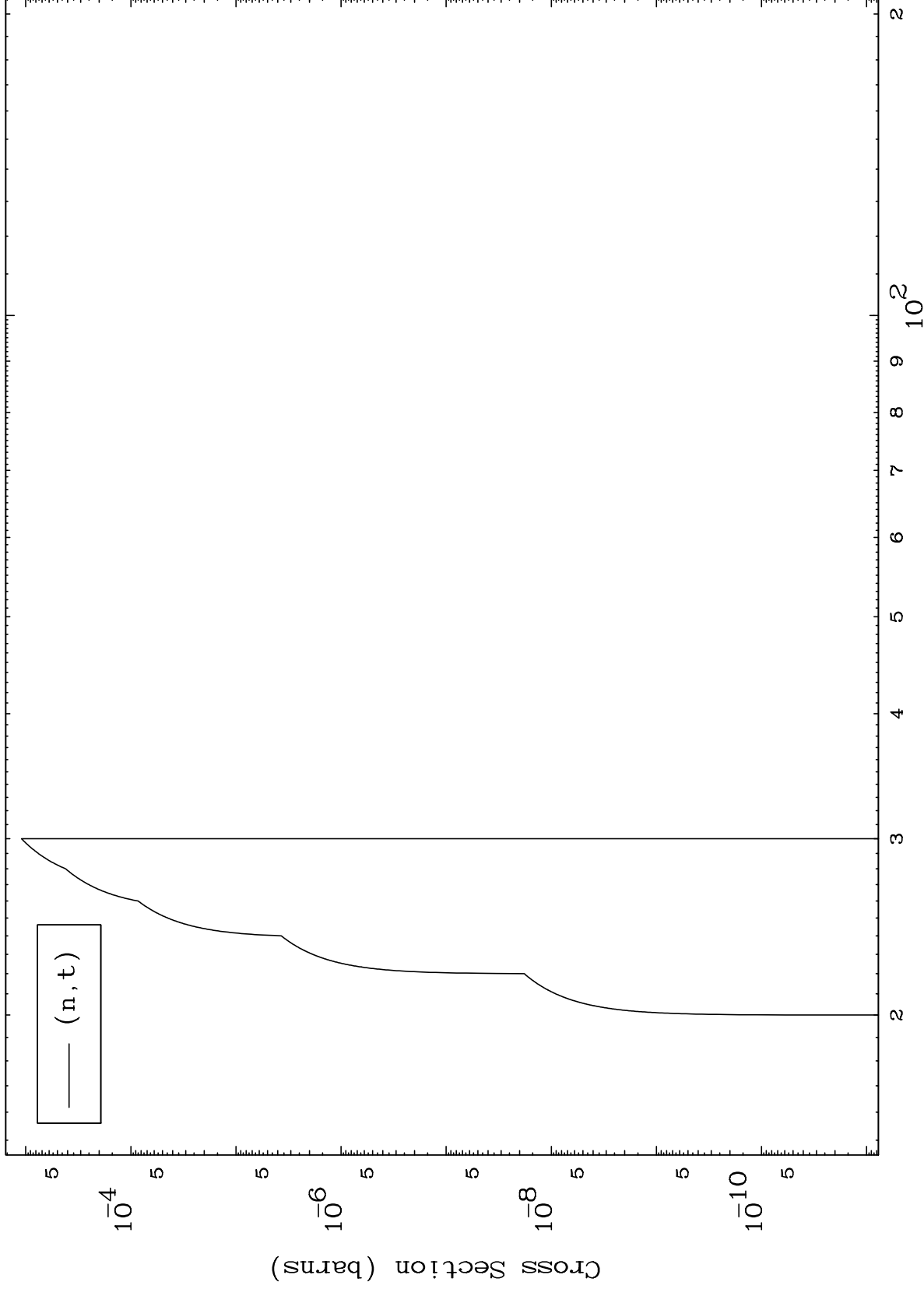
Incident Energy (MeV)

76-0s-189m

MAT 7641

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

76-0s-189m



7

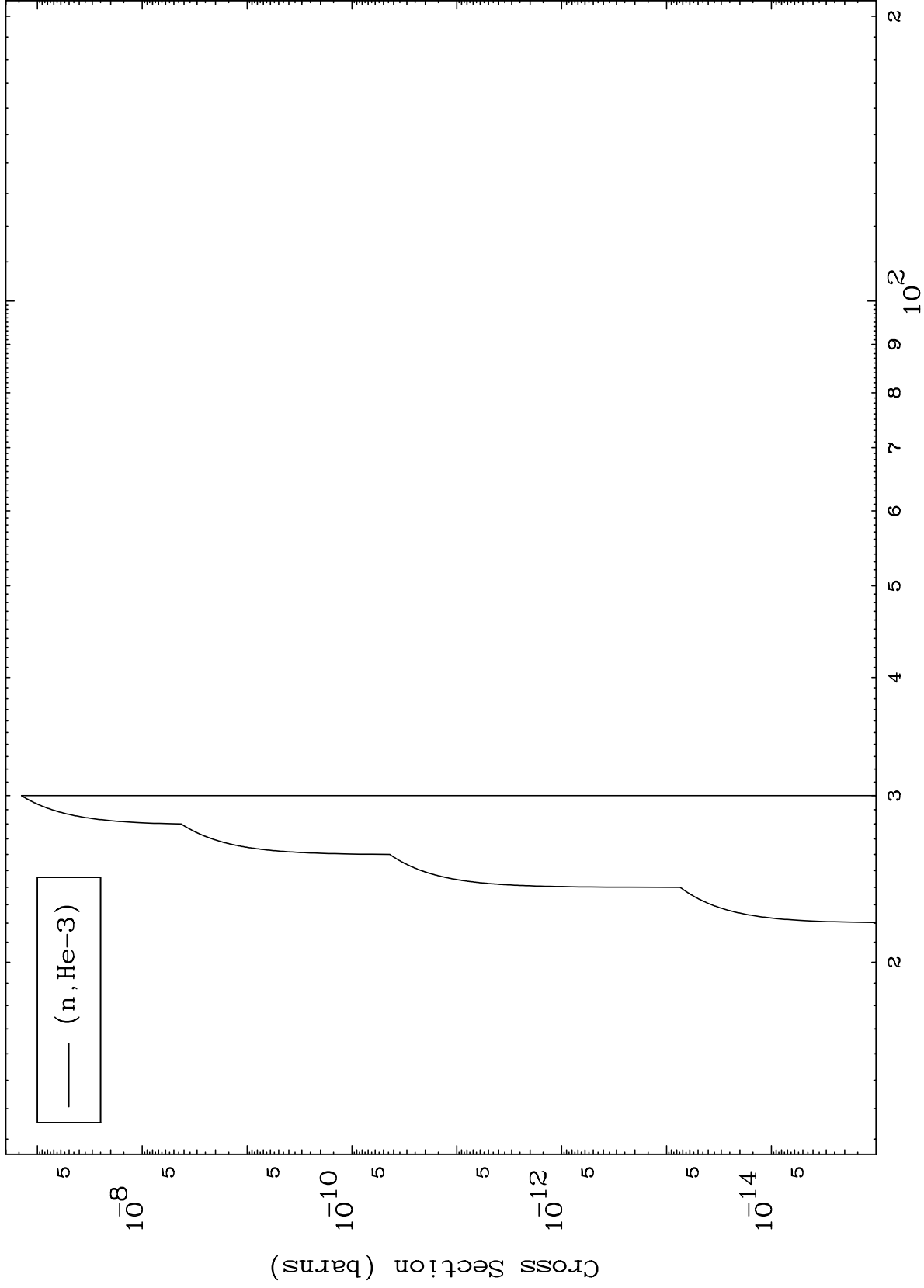
Incident Energy (MeV)

76-0s-189m

MAT 7641

( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

76-0s-189m

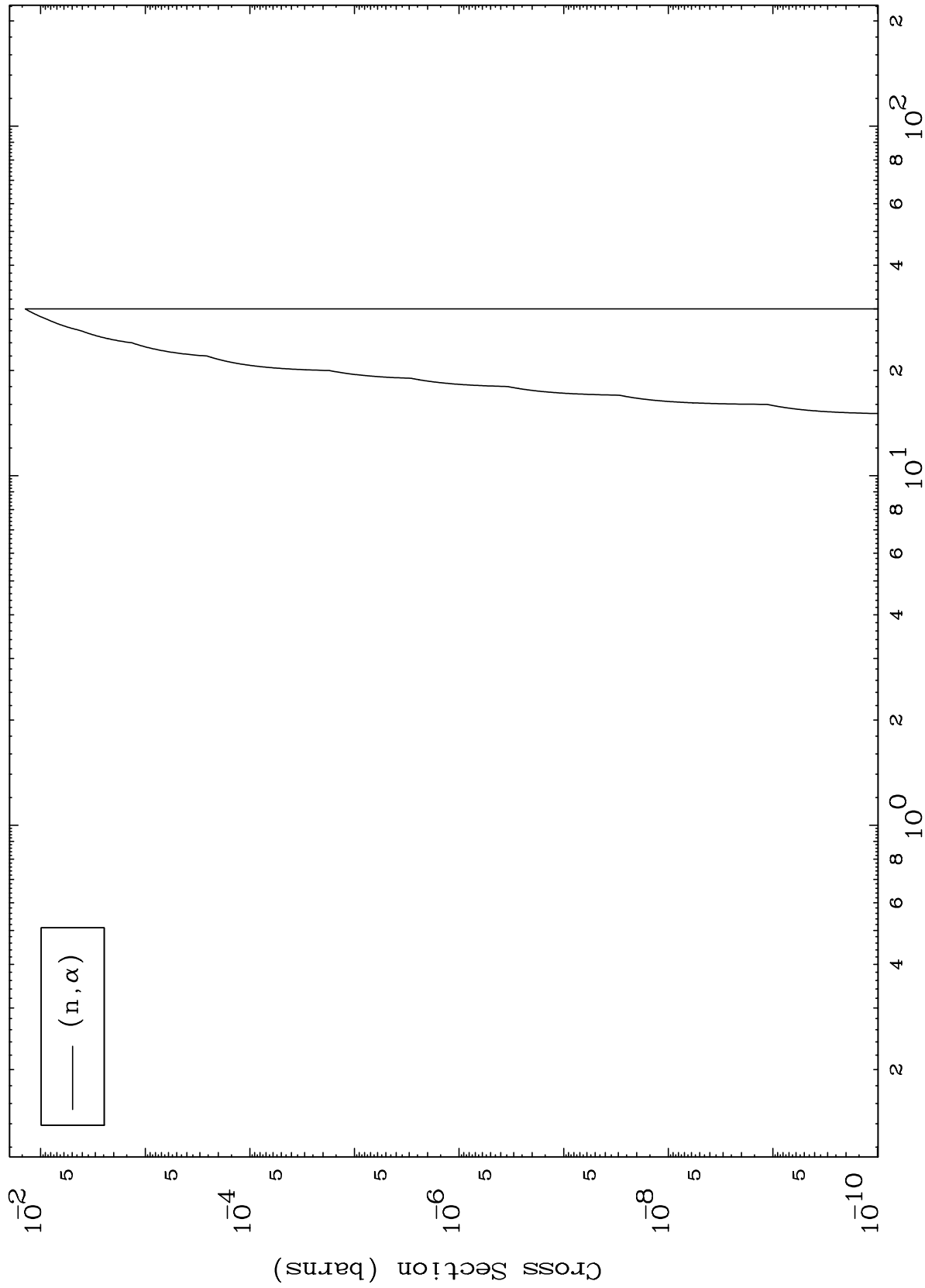


MAT 7641

( $\alpha, \alpha$ ) Levels

76-0s-189m

0 Kelvin Cross Sections

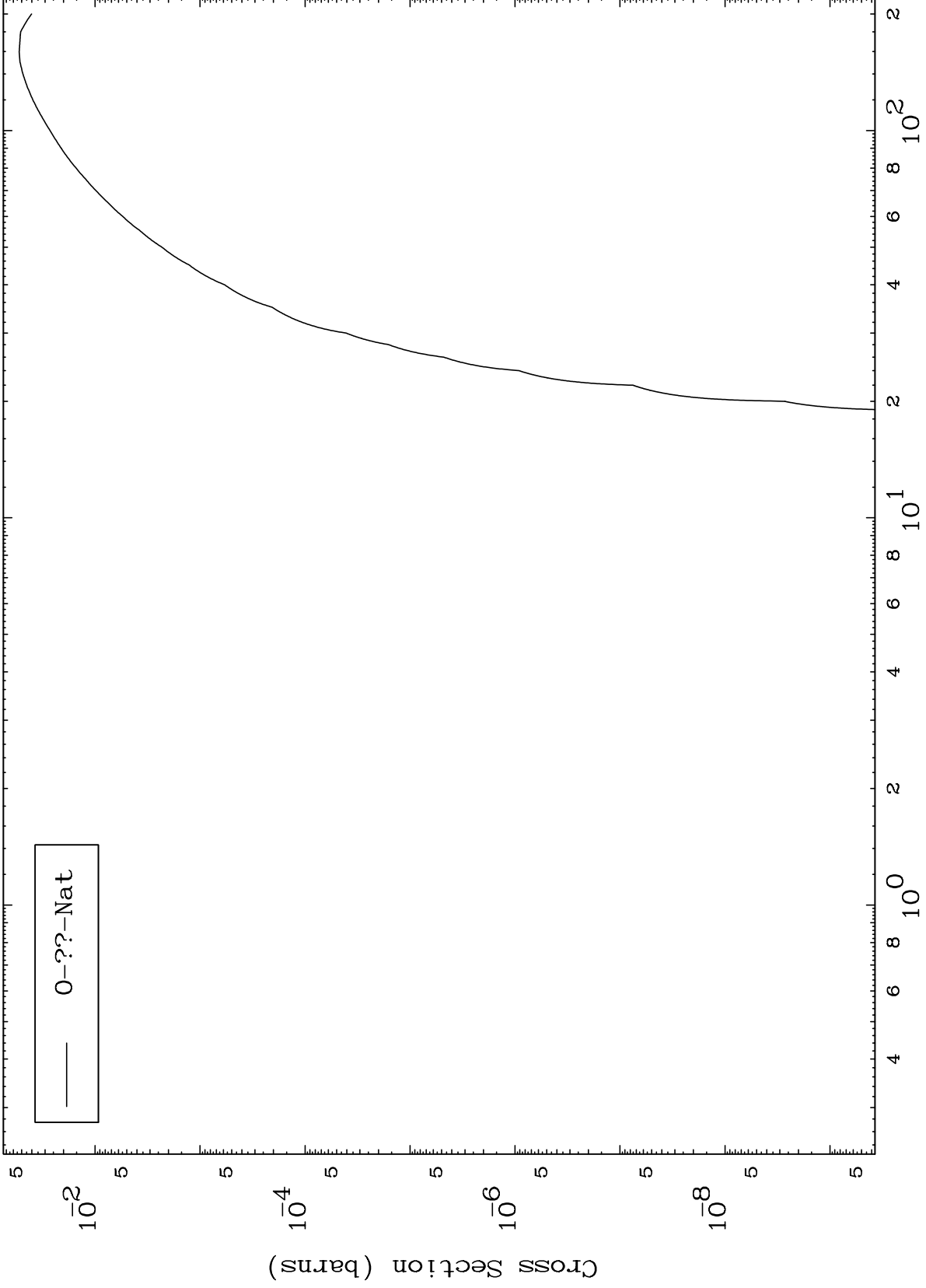


MAT 7641

Fission

76-0s-189m

Radionuclide Production Cross Section

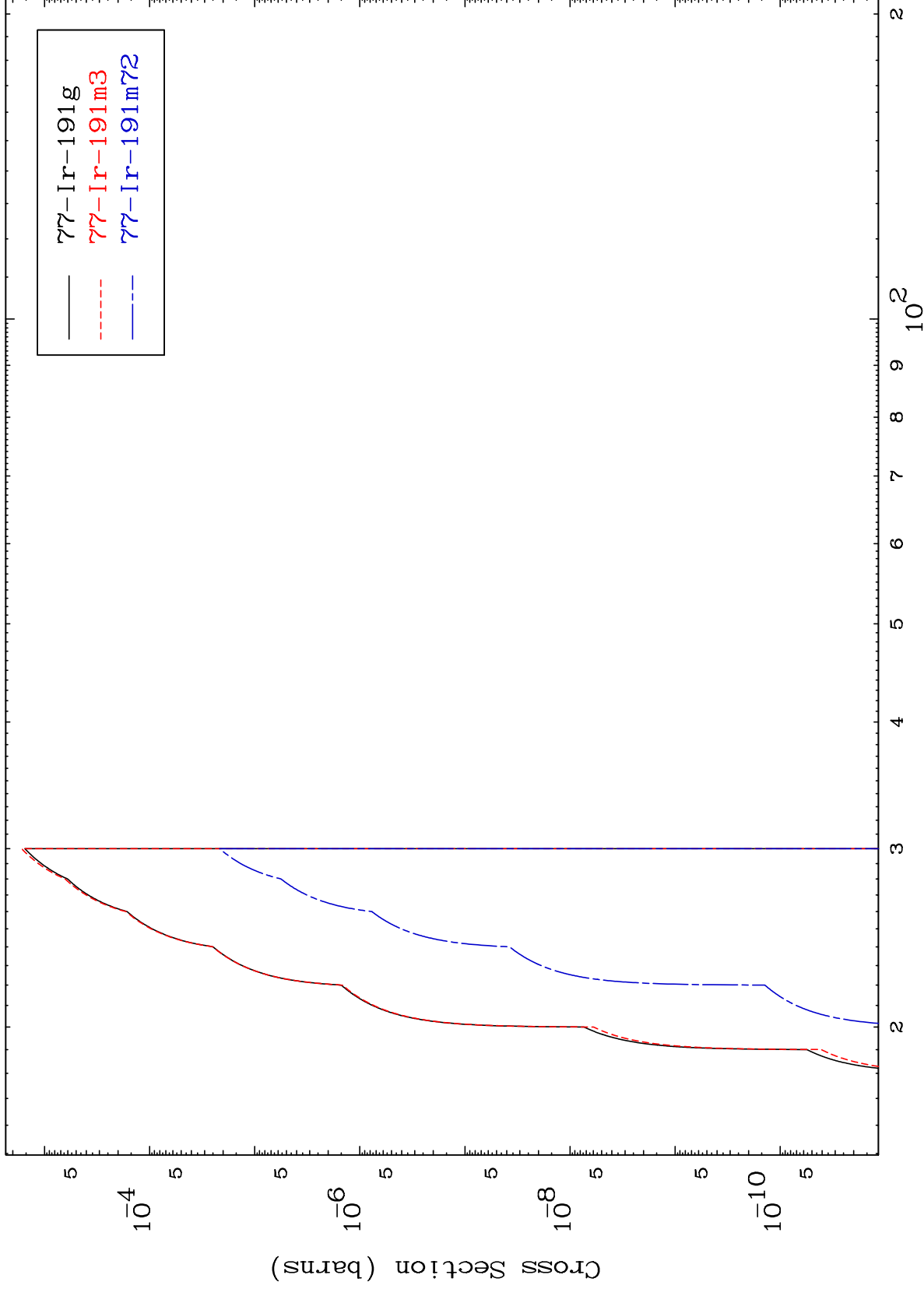


10

Incident Energy (MeV)

76-0s-189m

Radionuclide Production Cross Section

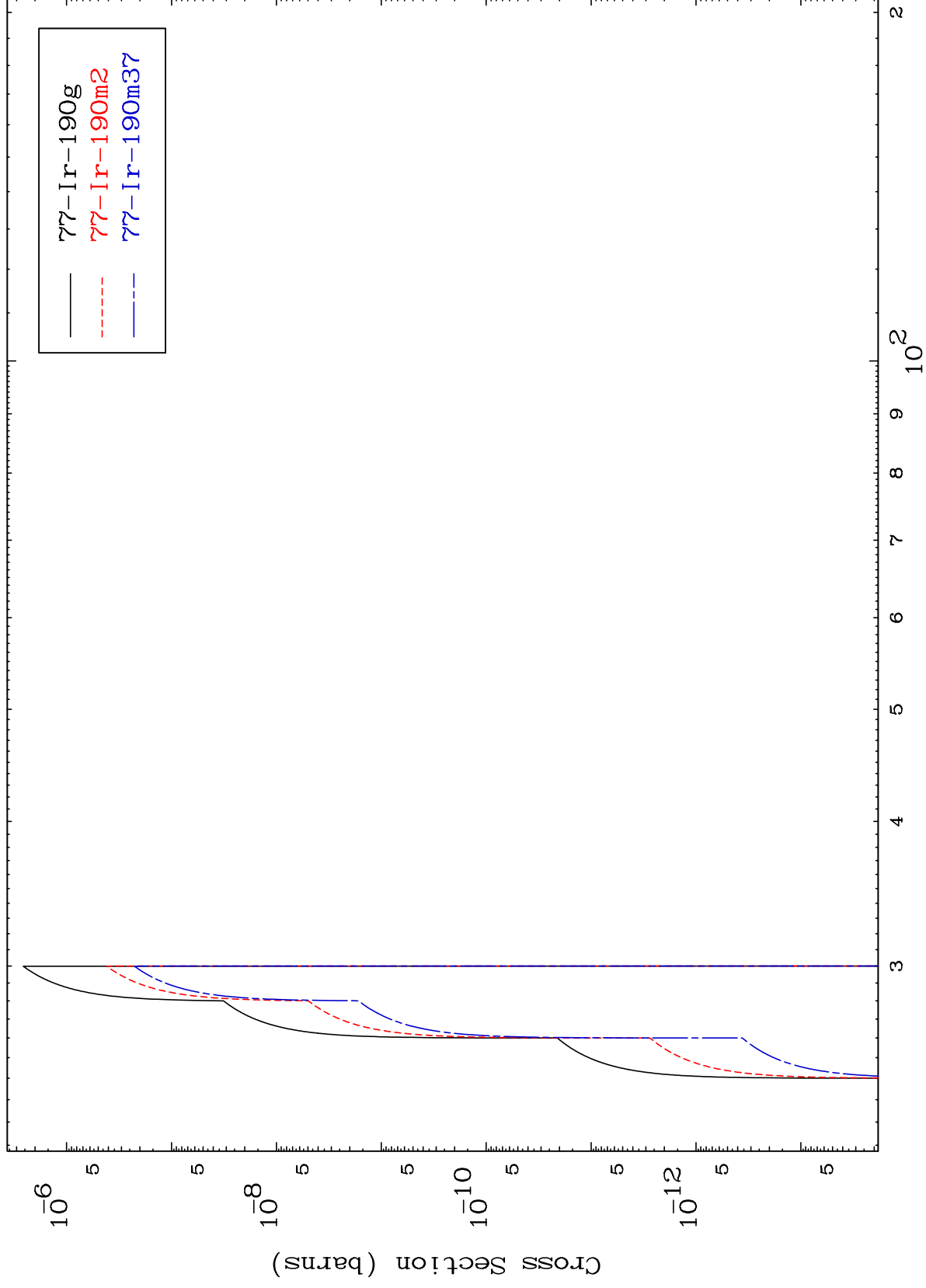


MAT 7641

(n,n') d

76-0s-189m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

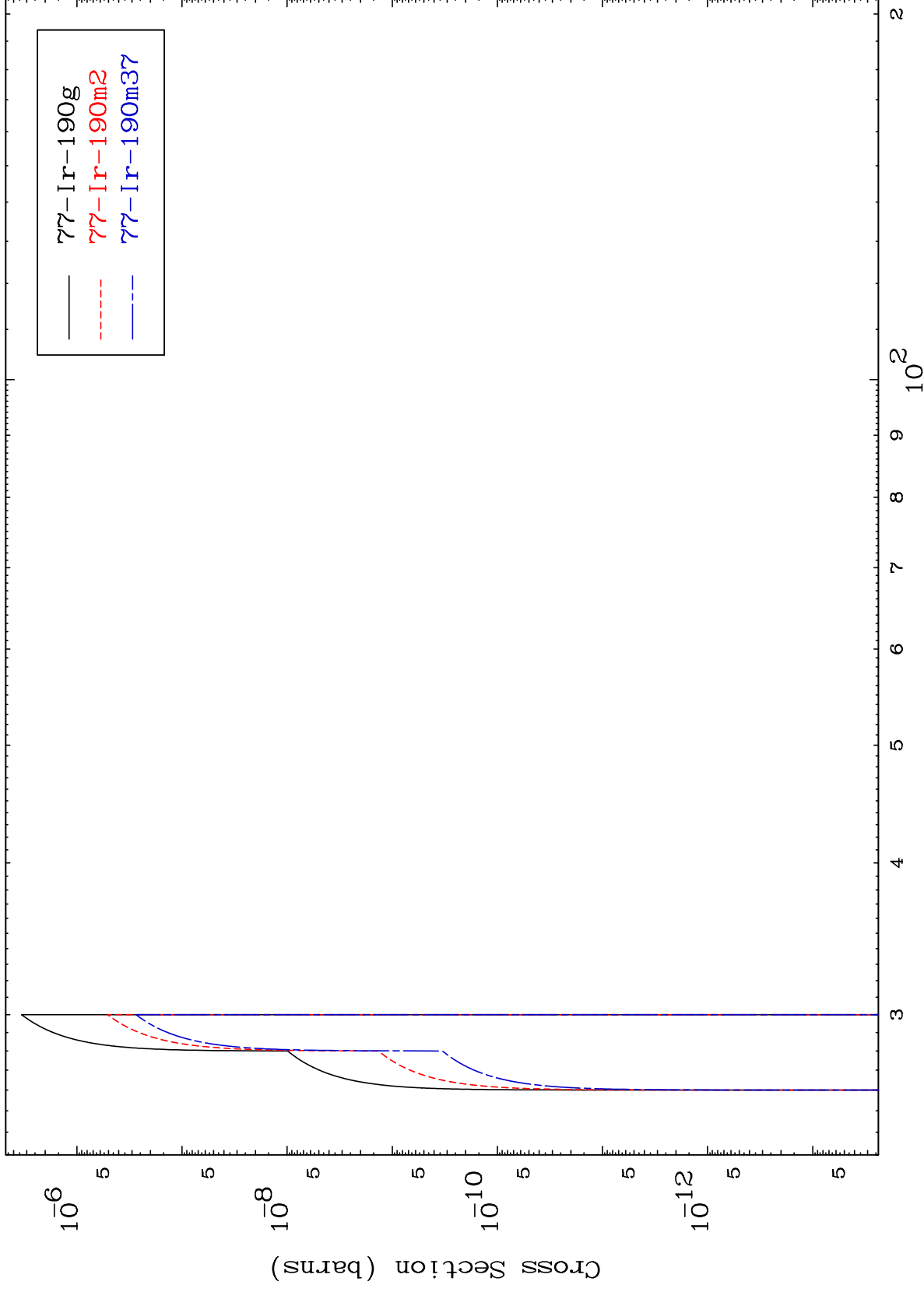
76-0s-189m

MAT 7641

(n,2n) p

76-0s-189m

Radionuclide Production Cross Section



13

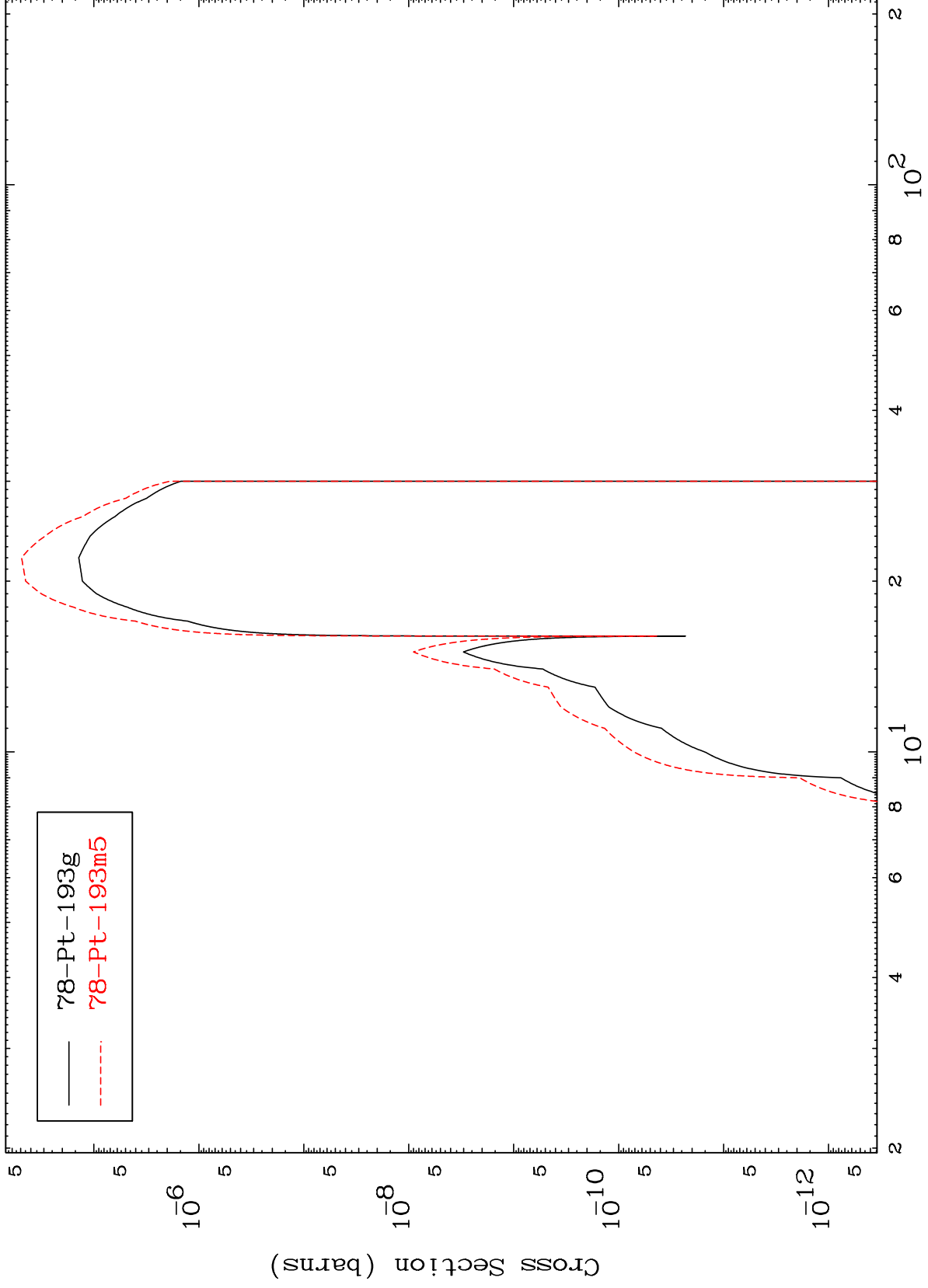
Incident Energy (MeV)

76-0s-189m

MAT 7641

76-0s-189m

(n,  $\gamma$ )  
Radionuclide Production Cross Section



14

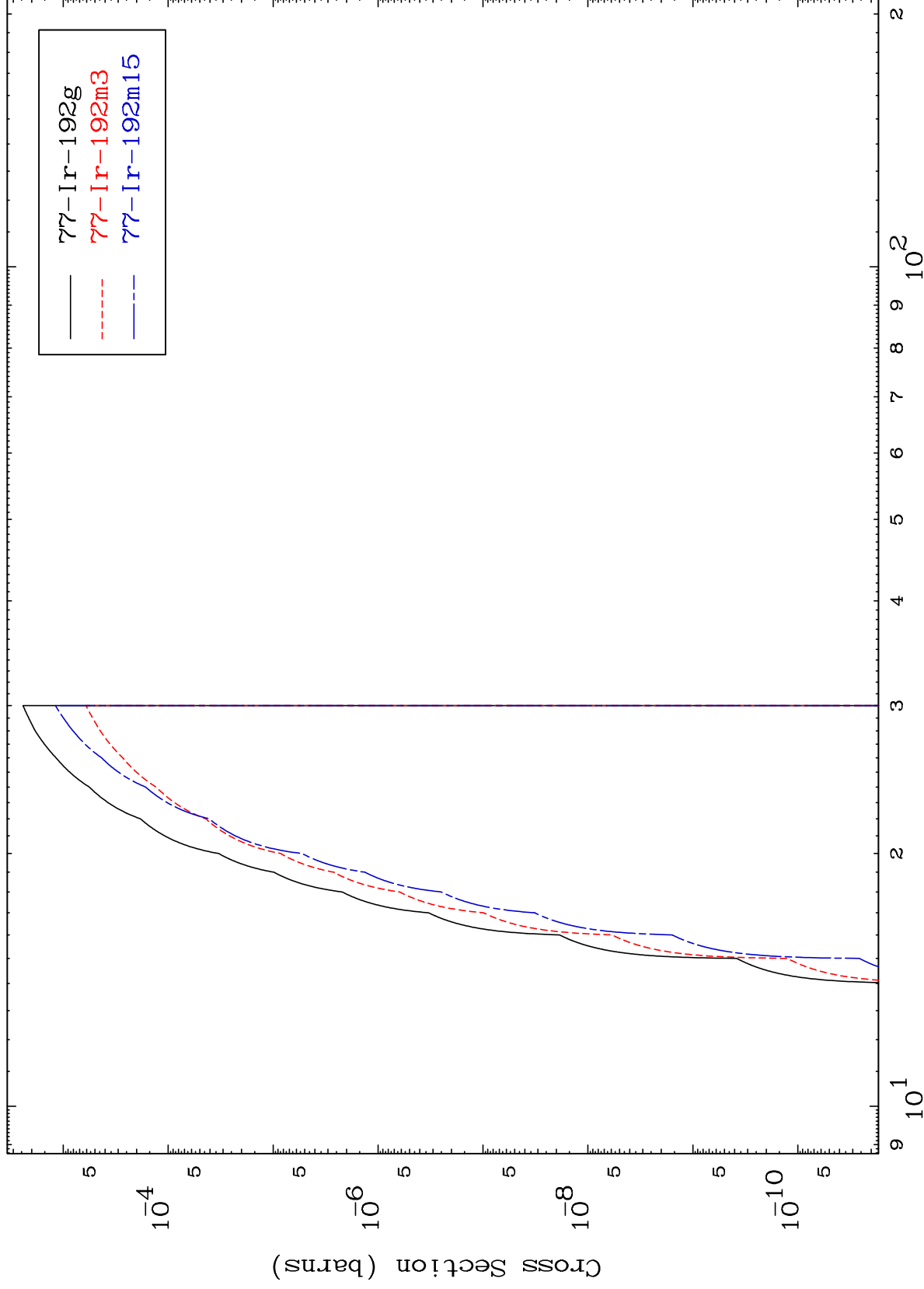
76-0s-189m

Incident Energy (MeV)

MAT 7641

76-0s-189m

(n,p)  
Radionuclide Production Cross Section



76-0s-189m

Incident Energy (MeV)

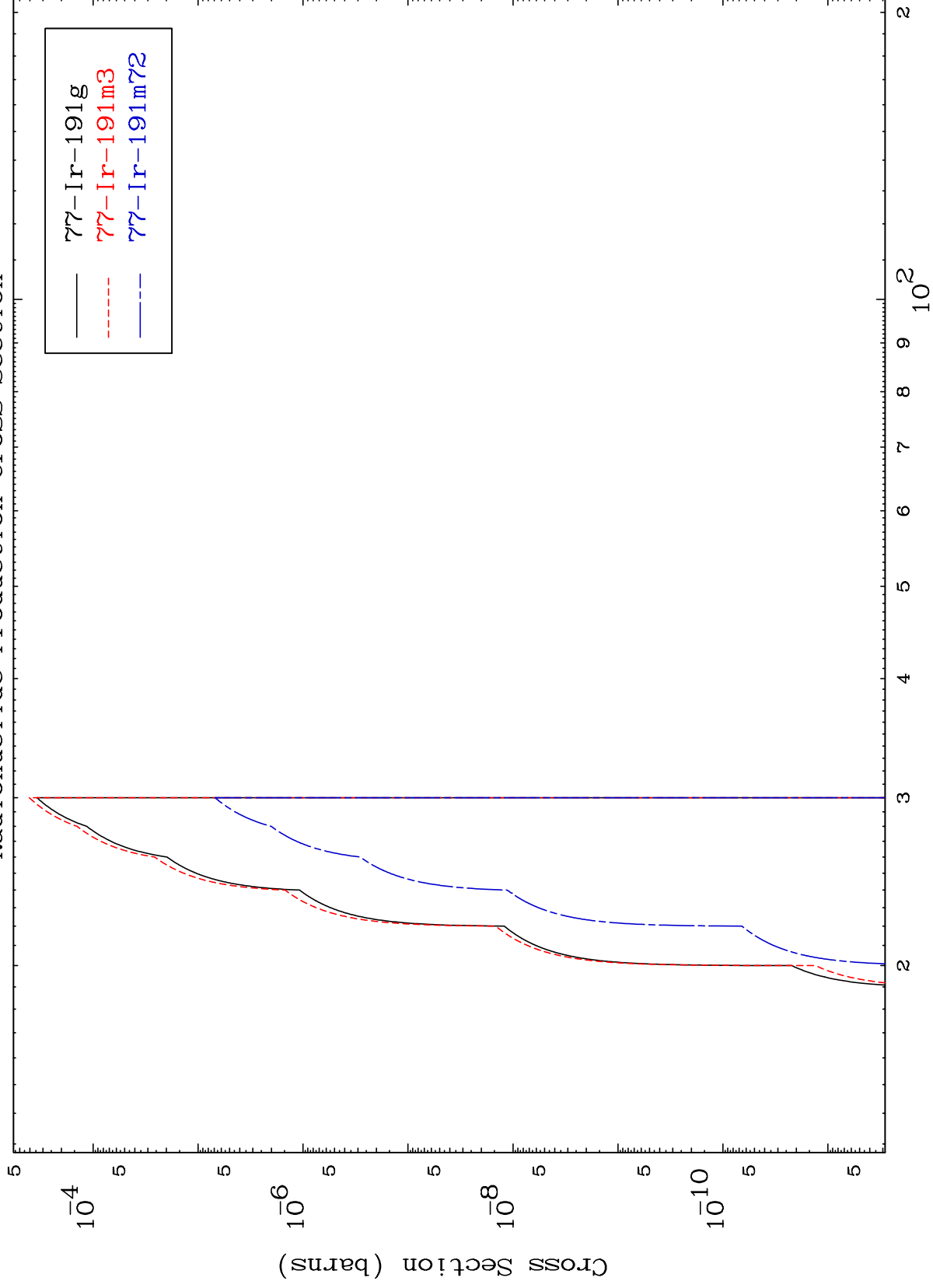
15

MAT 7641

(n,d)

76-0s-189m

Radionuclide Production Cross Section



16

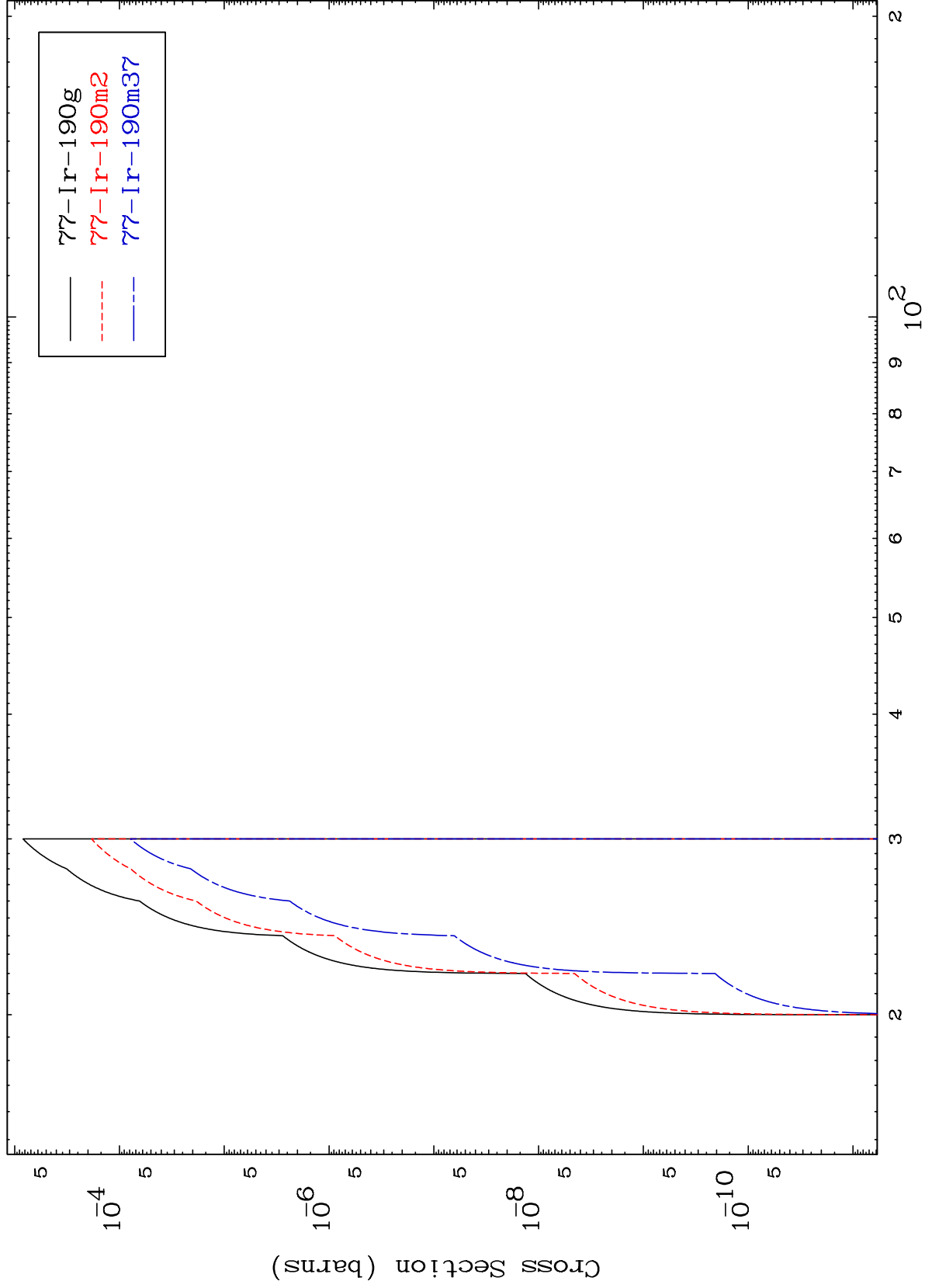
Incident Energy (MeV)

76-0s-189m

MAT 7641

76-0s-189m

(n,t)  
Radionuclide Production Cross Section



17

Incident Energy (MeV)

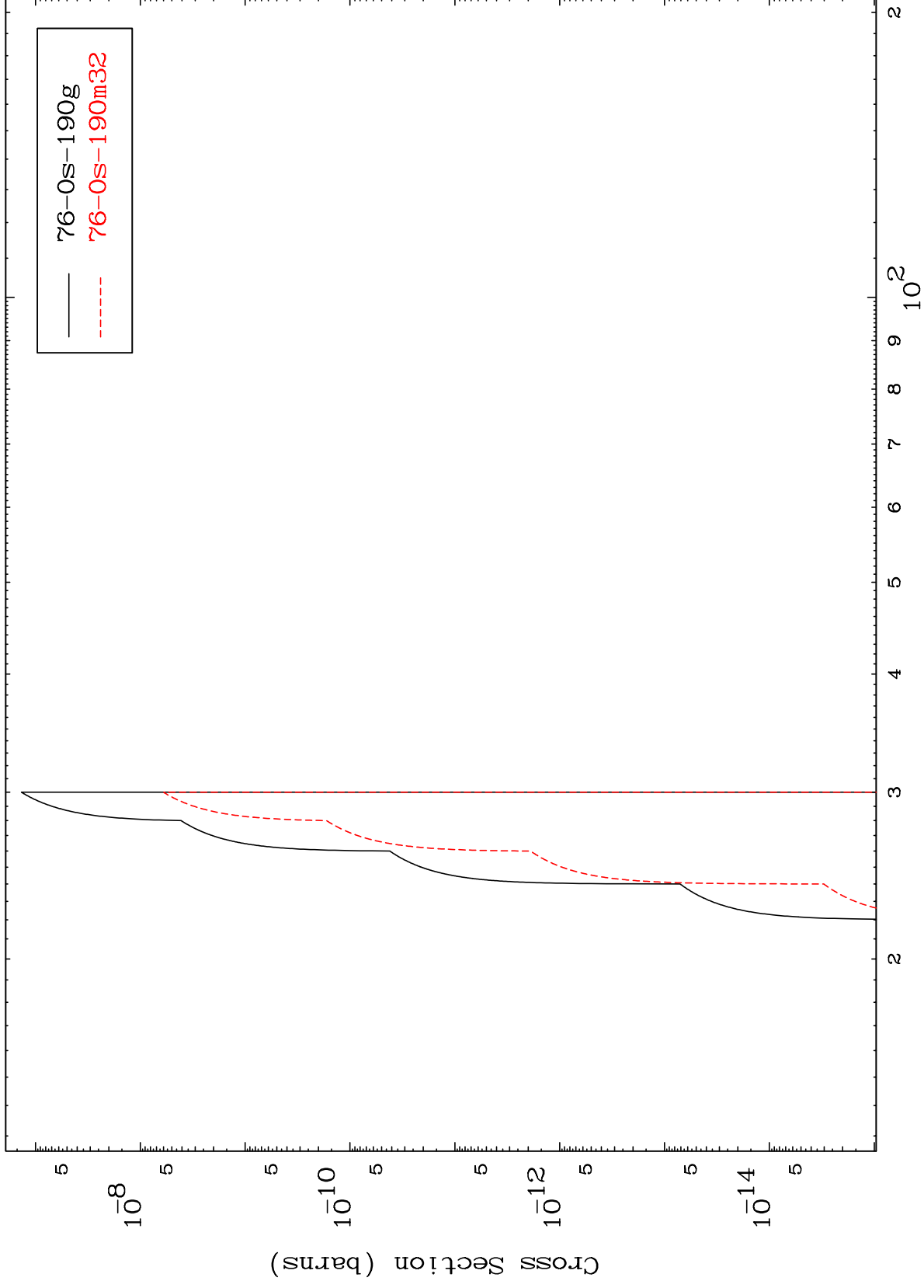
76-0s-189m

MAT 7641

(n,He-3)

76-0s-189m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

76-0s-189m

