

Program EVALPLOT  
(Version 2017-1)

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

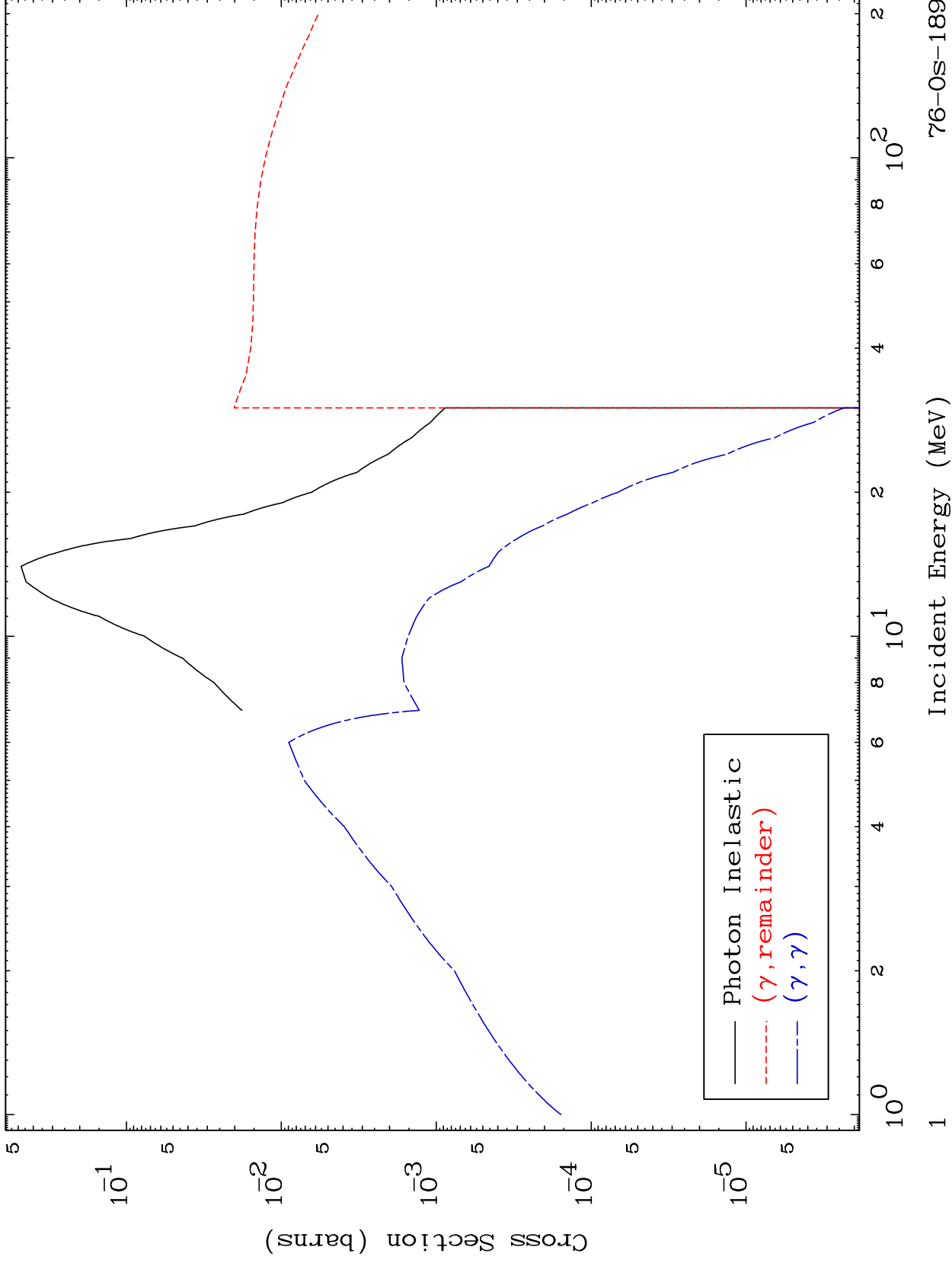
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7640

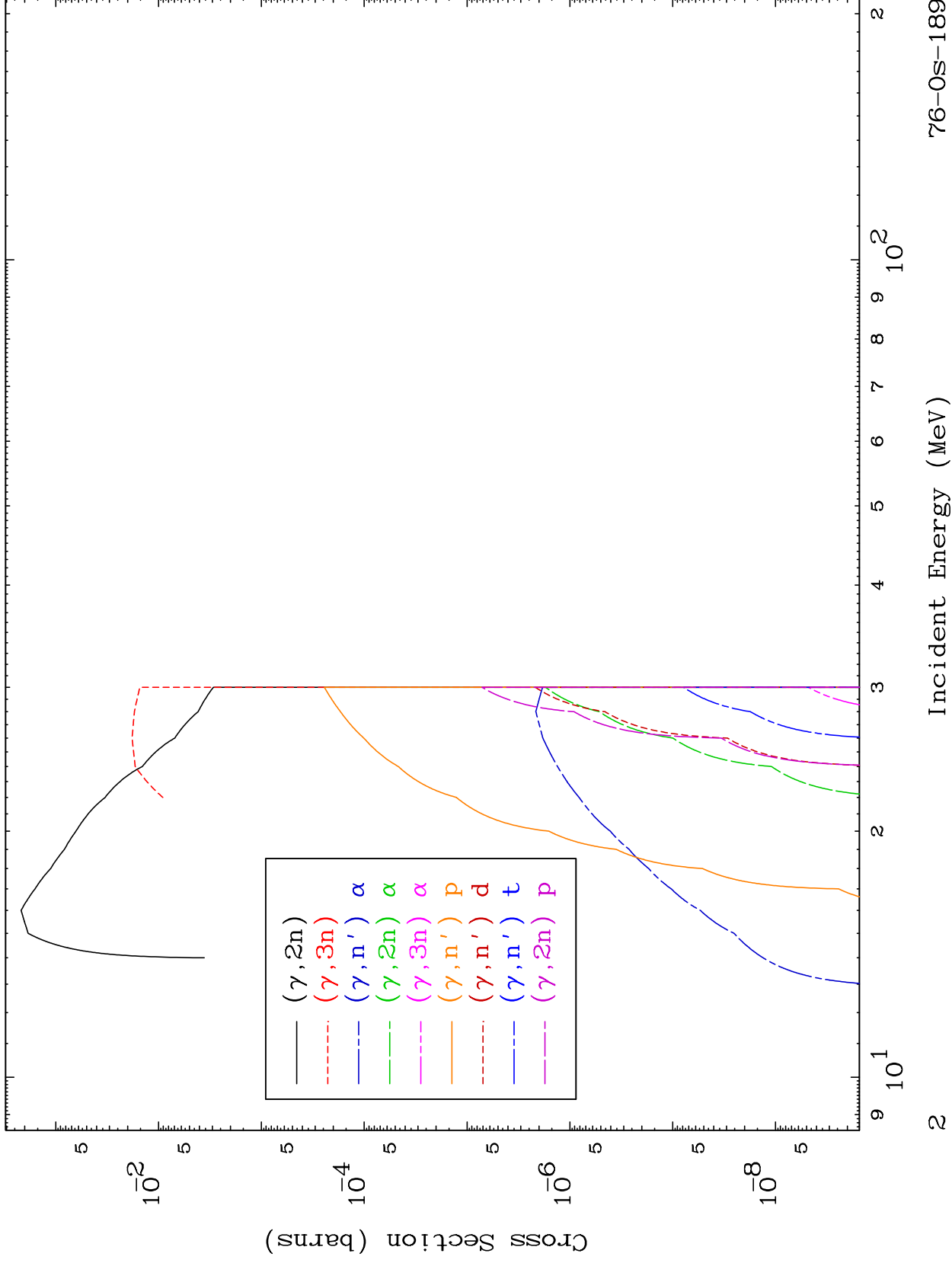
Photon Major  
0 Kelvin Cross Sections

76-Os-189



76-Os-189

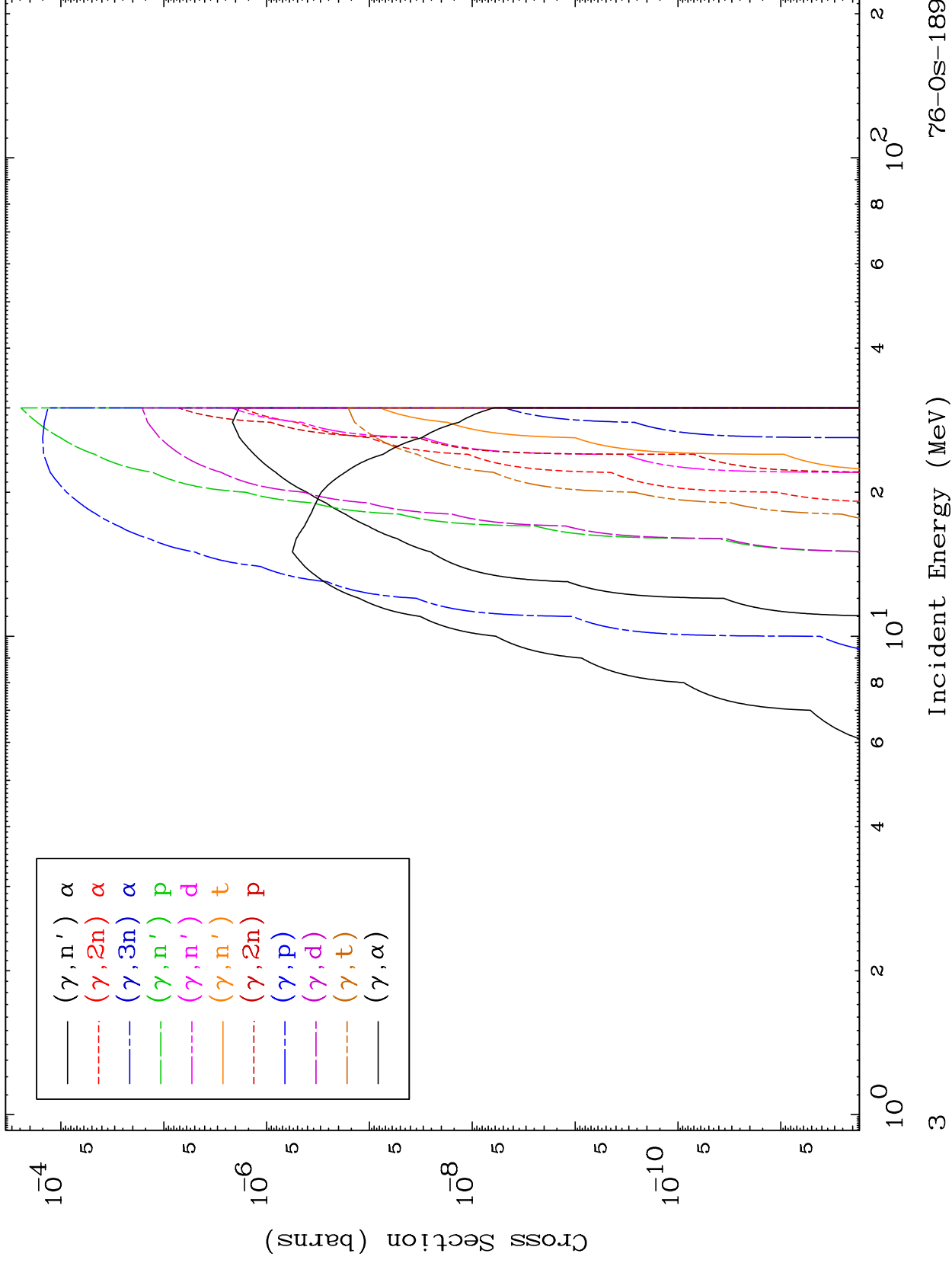
Incident Energy (MeV)



MAT 7640

Photon Charged Particle  
0 Kelvin Cross Sections

76-Os-189



76-Os-189

Incident Energy (MeV)

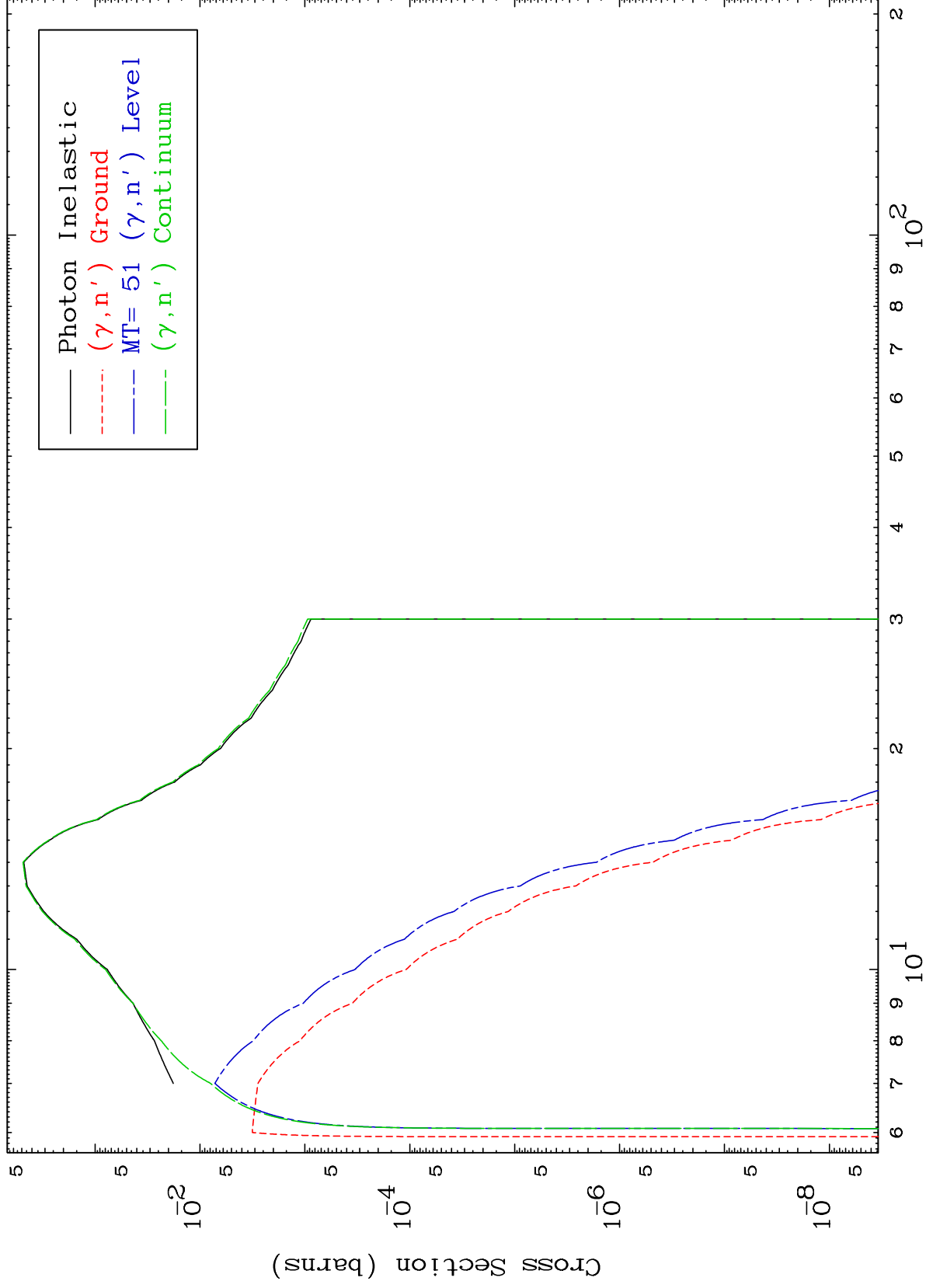
3

MAT 7640

( $\gamma, n'$ ) Level

76-0s-189

0 Kelvin Cross Sections



Incident Energy (MeV)

76-0s-189

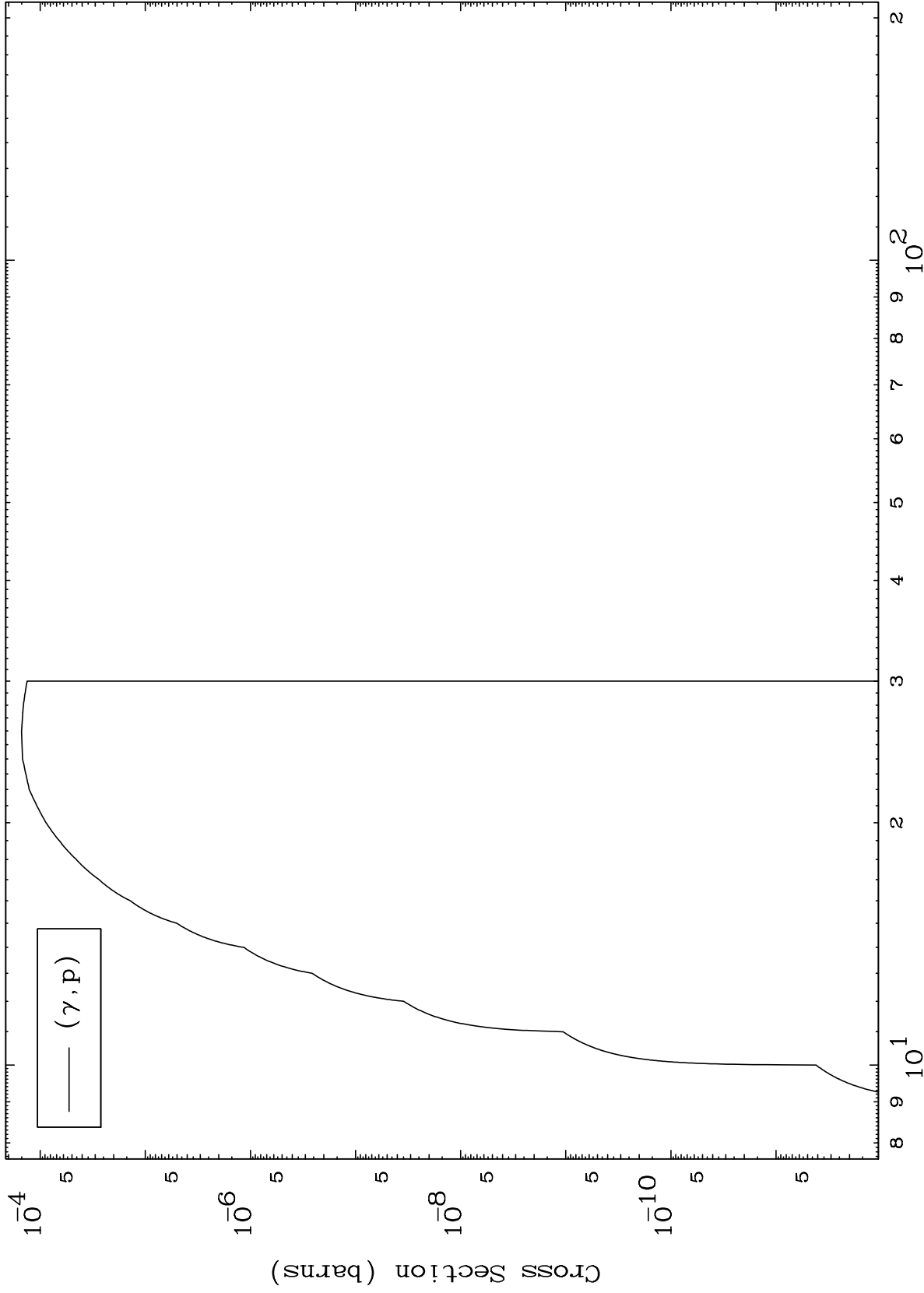
4

MAT 7640

( $\gamma, p$ ) Levels

76-Os-189

0 Kelvin Cross Sections



Incident Energy (MeV)

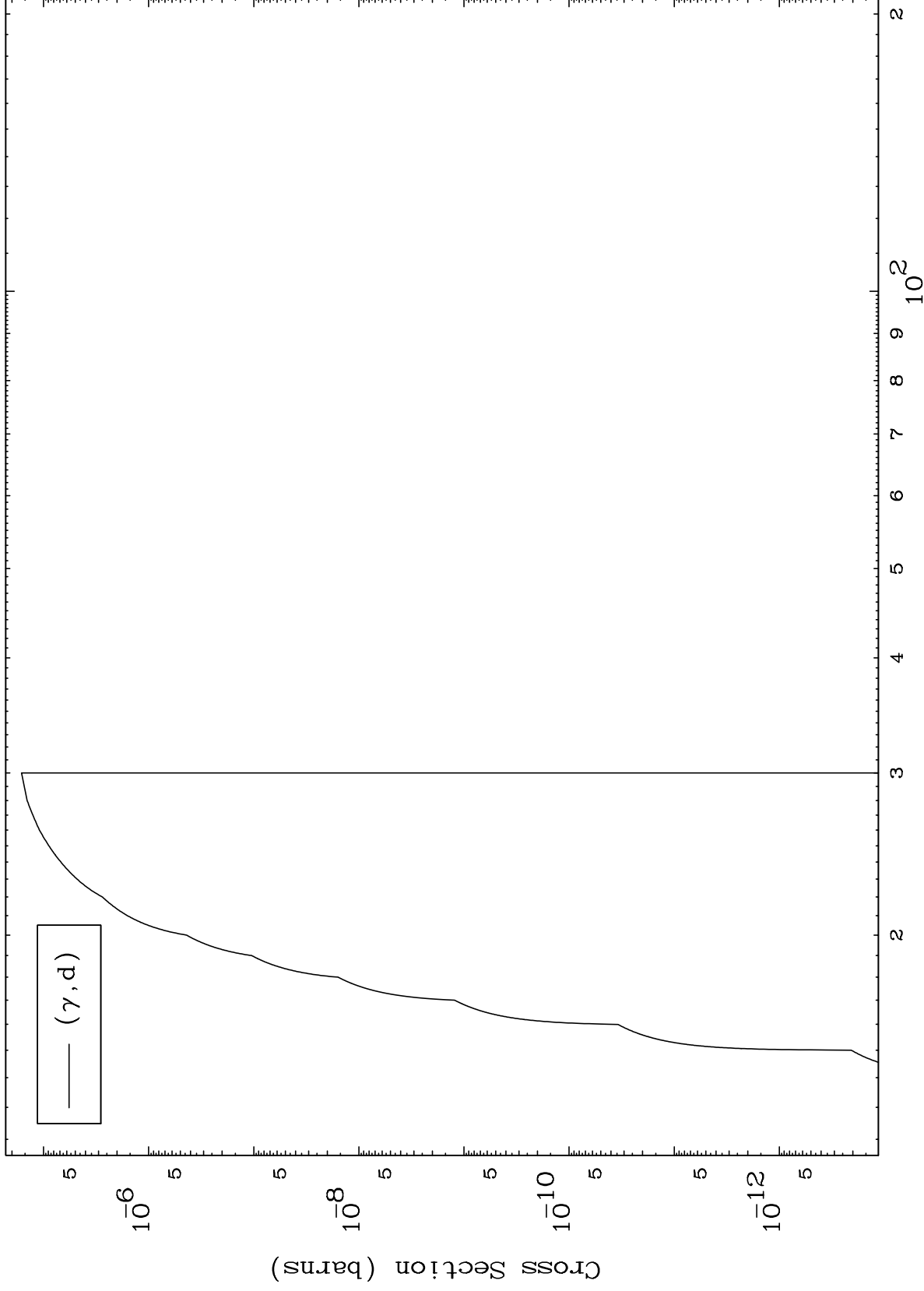
76-Os-189

5

MAT 7640

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

76-0s-189



Incident Energy (MeV)

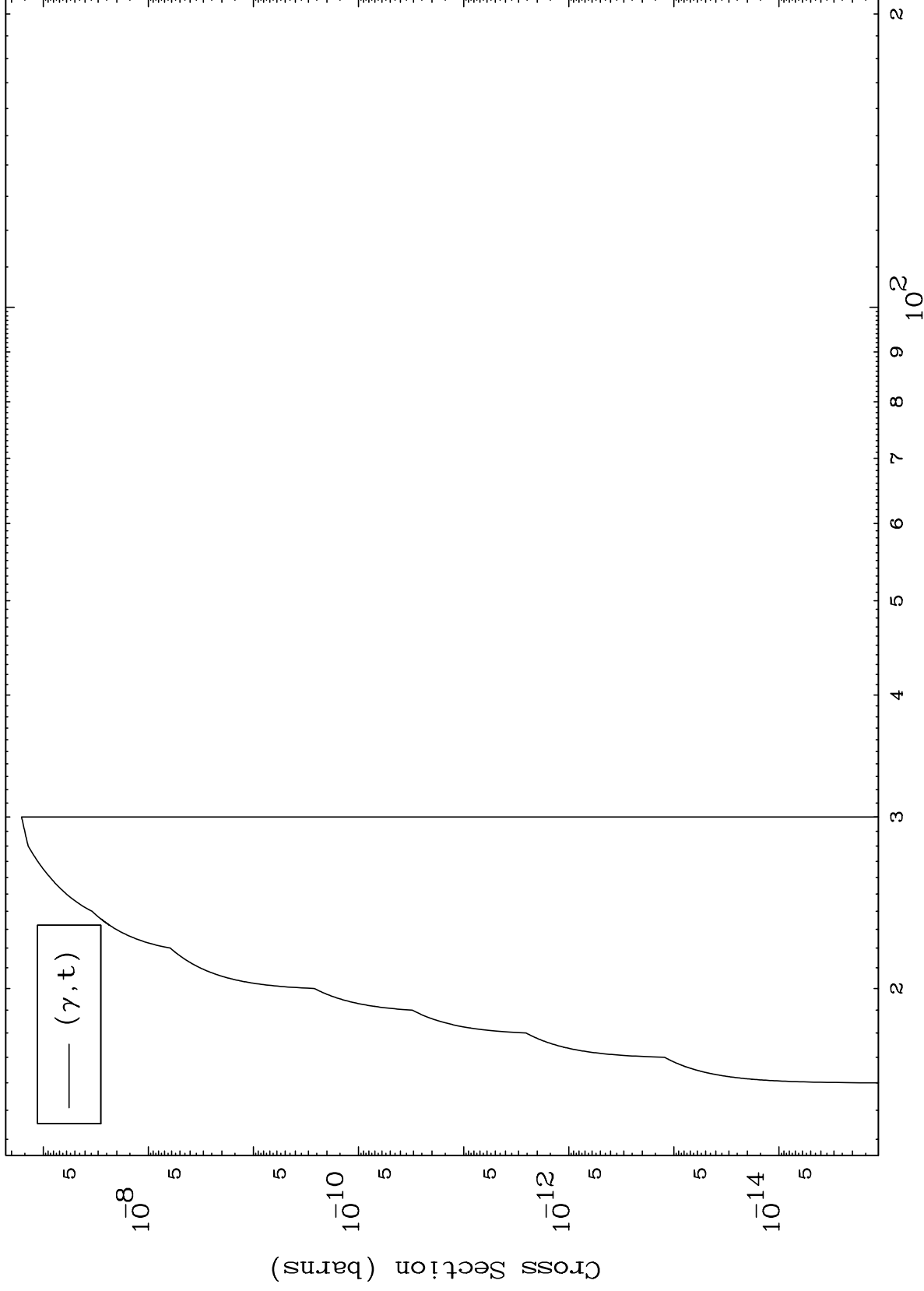
76-0s-189

6

MAT 7640

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

76-Os-189



7

Incident Energy (MeV)

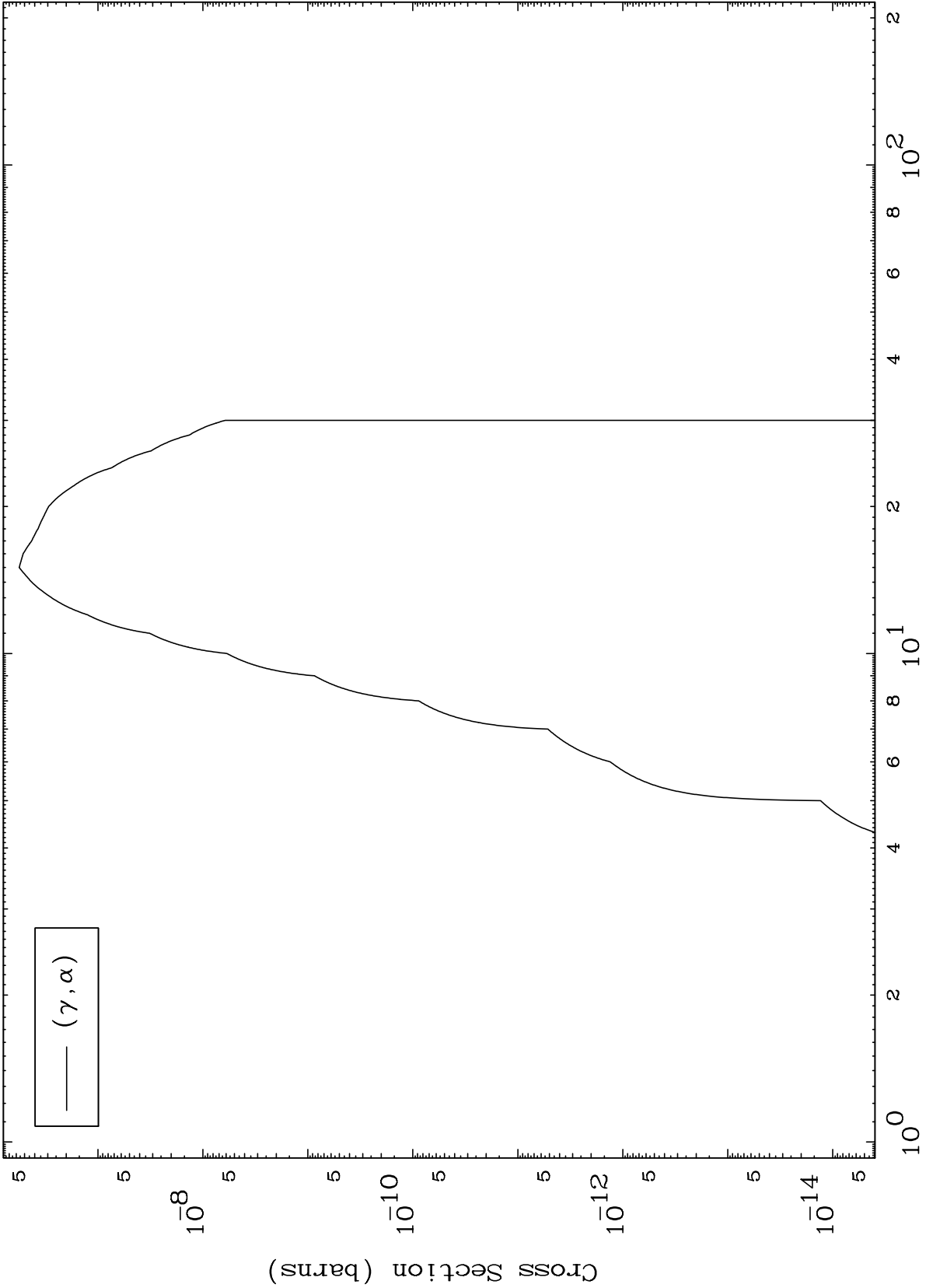
76-Os-189

MAT 7640

( $\gamma, \alpha$ ) Levels

76-Os-189

0 Kelvin Cross Sections



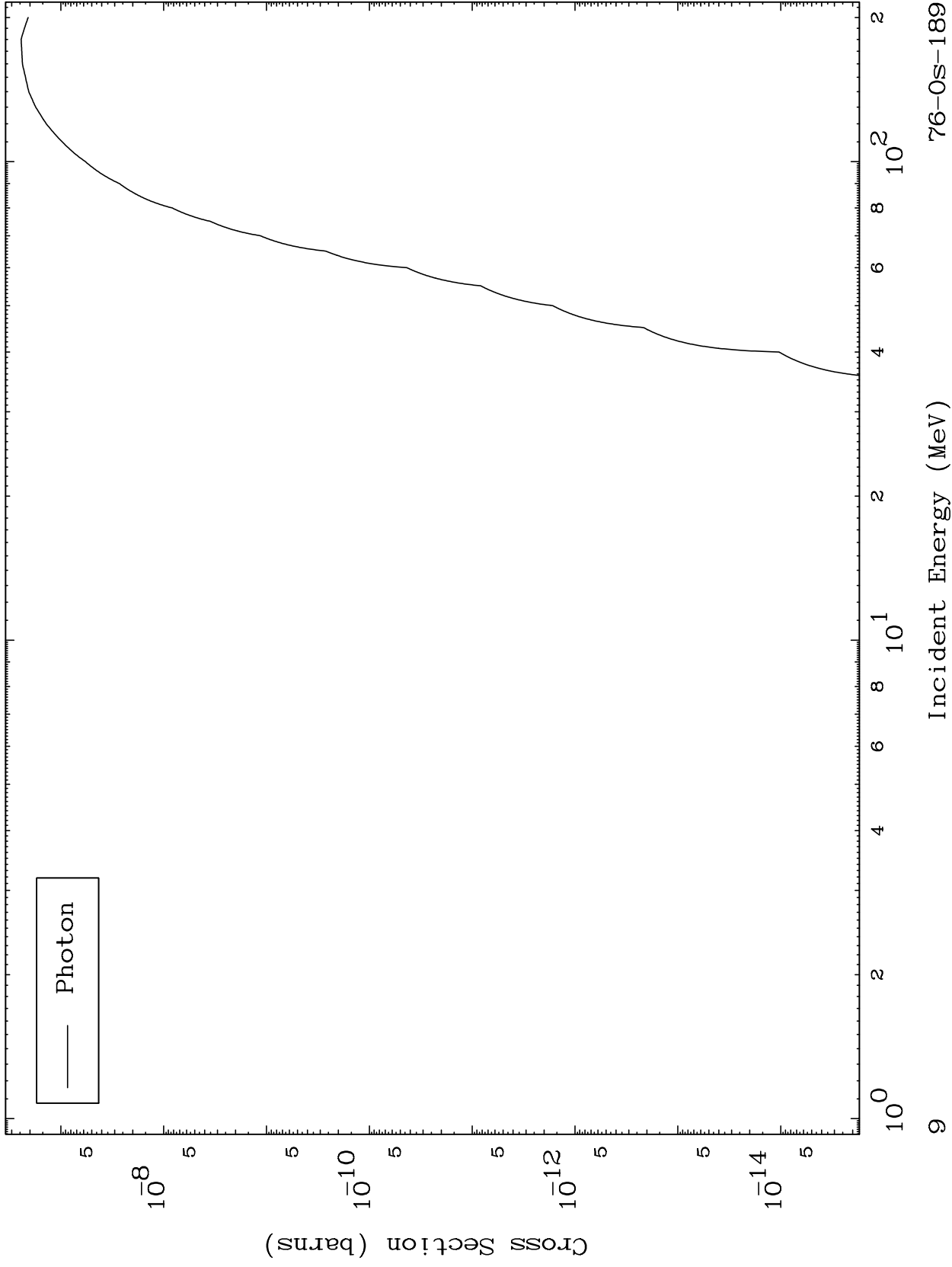
Incident Energy (MeV)

76-Os-189

MAT 7640

Photon Fission  
Radionuclide Production Cross Section

76-0s-189



76-0s-189

Incident Energy (MeV)

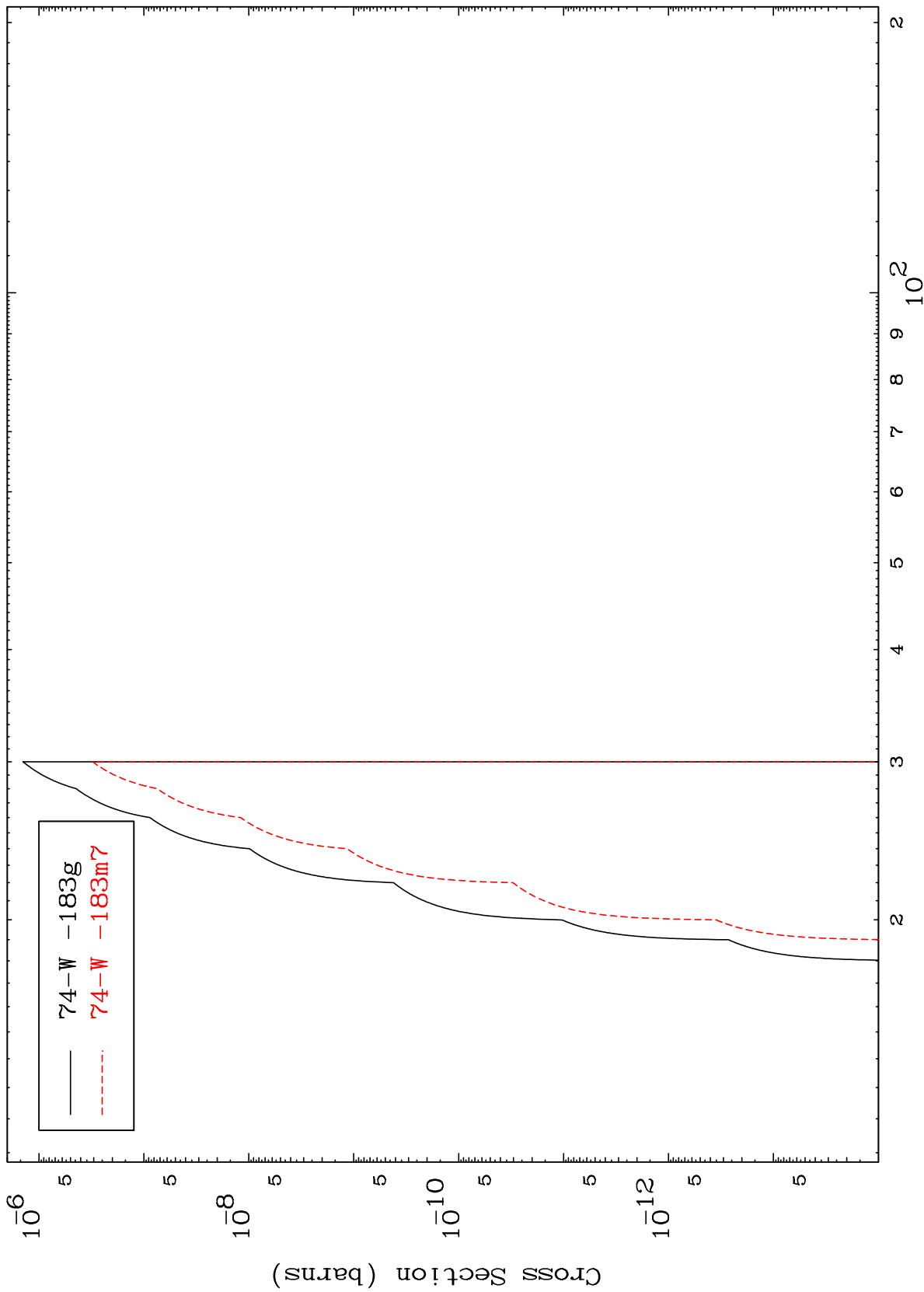
9

MAT 7640

$(\gamma, 2n) \alpha$

76-Os-189

Radionuclide Production Cross Section



10

Incident Energy (MeV)

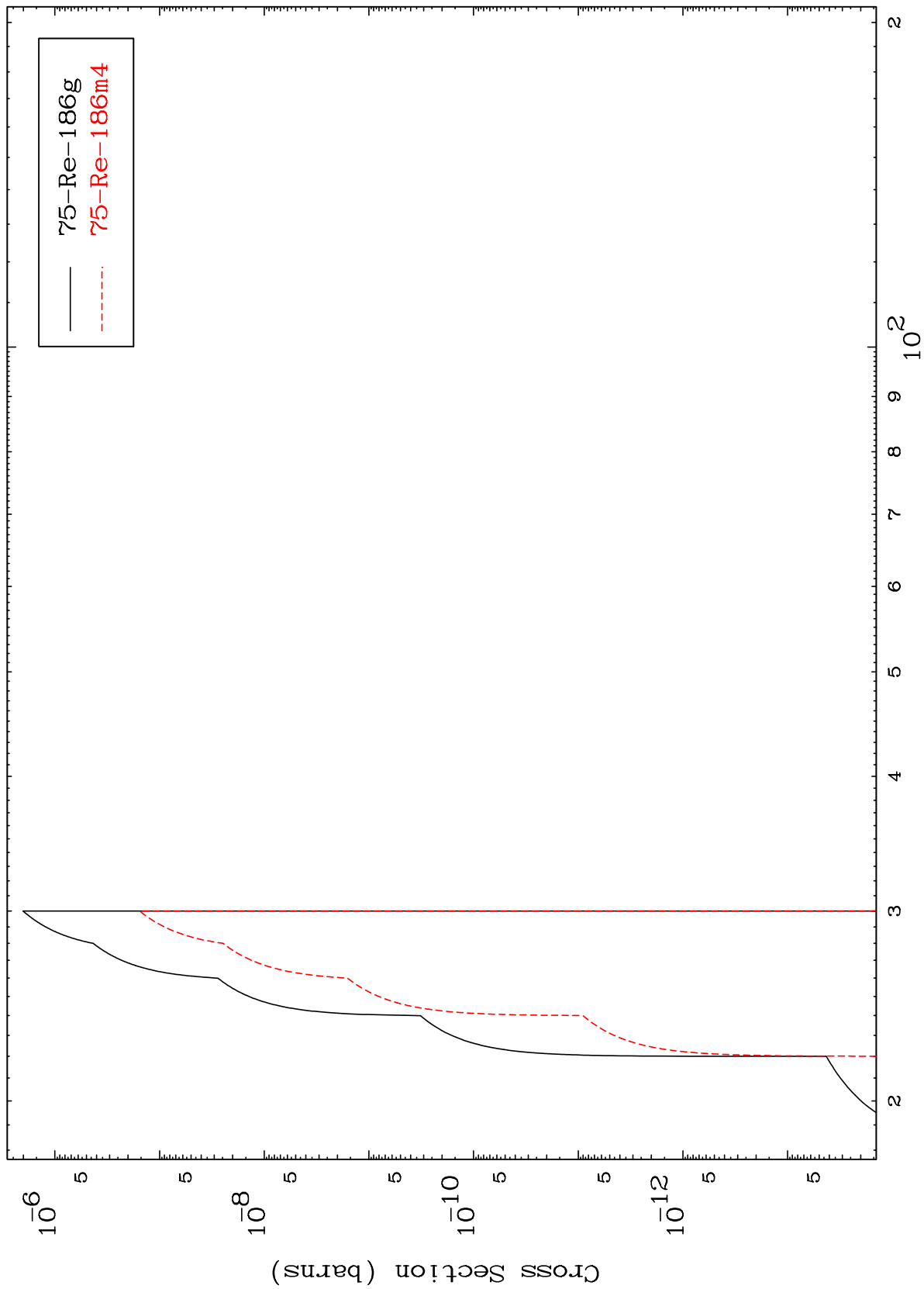
76-Os-189

MAT 7640

$(\gamma, n')$  d

76-Os-189

Radionuclide Production Cross Section



11

Incident Energy (MeV)

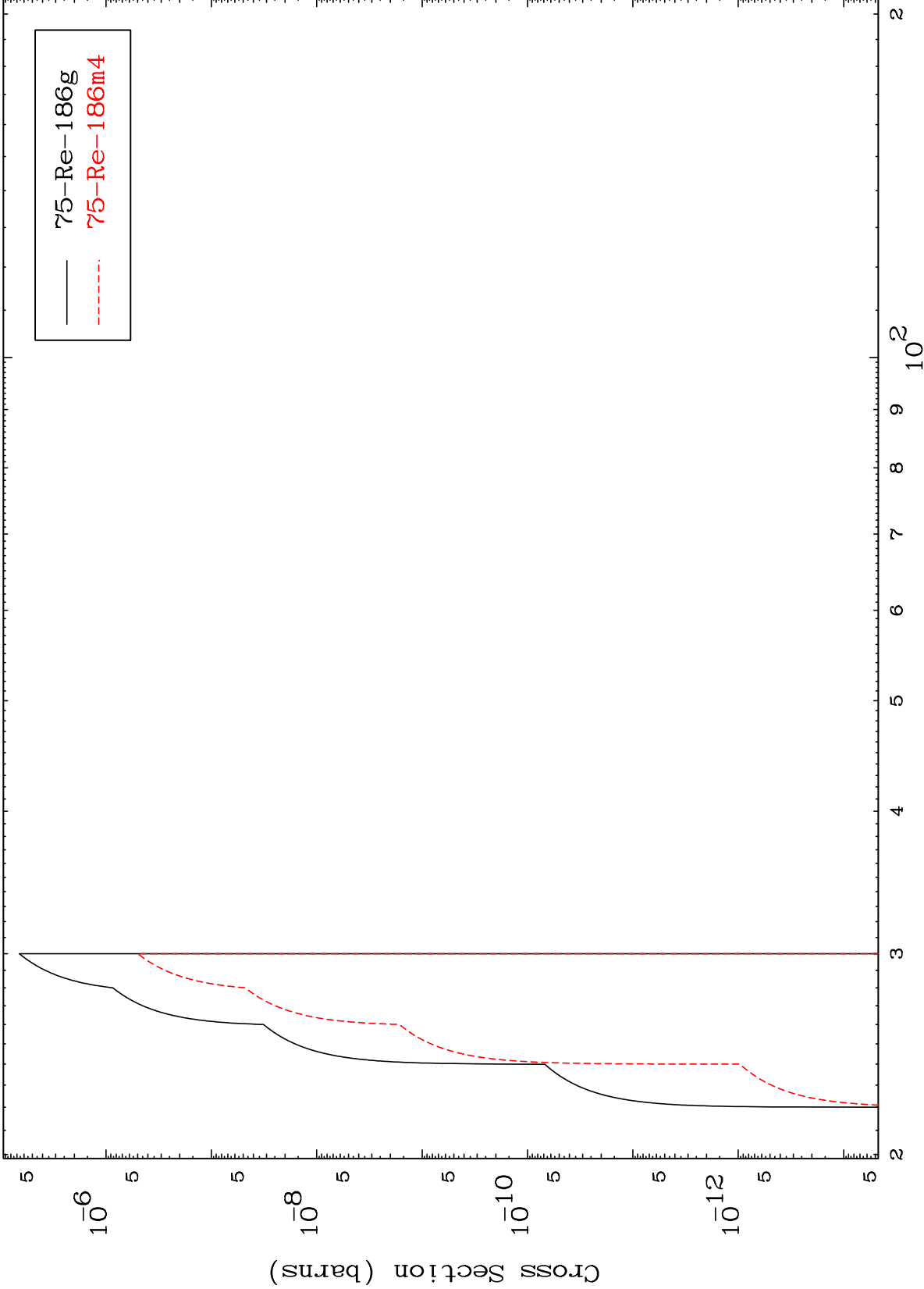
76-Os-189

MAT 7640

( $\gamma, 2n$ ) p

76-Os-189

Radionuclide Production Cross Section



75-Re-186g  
75-Re-186m4

12

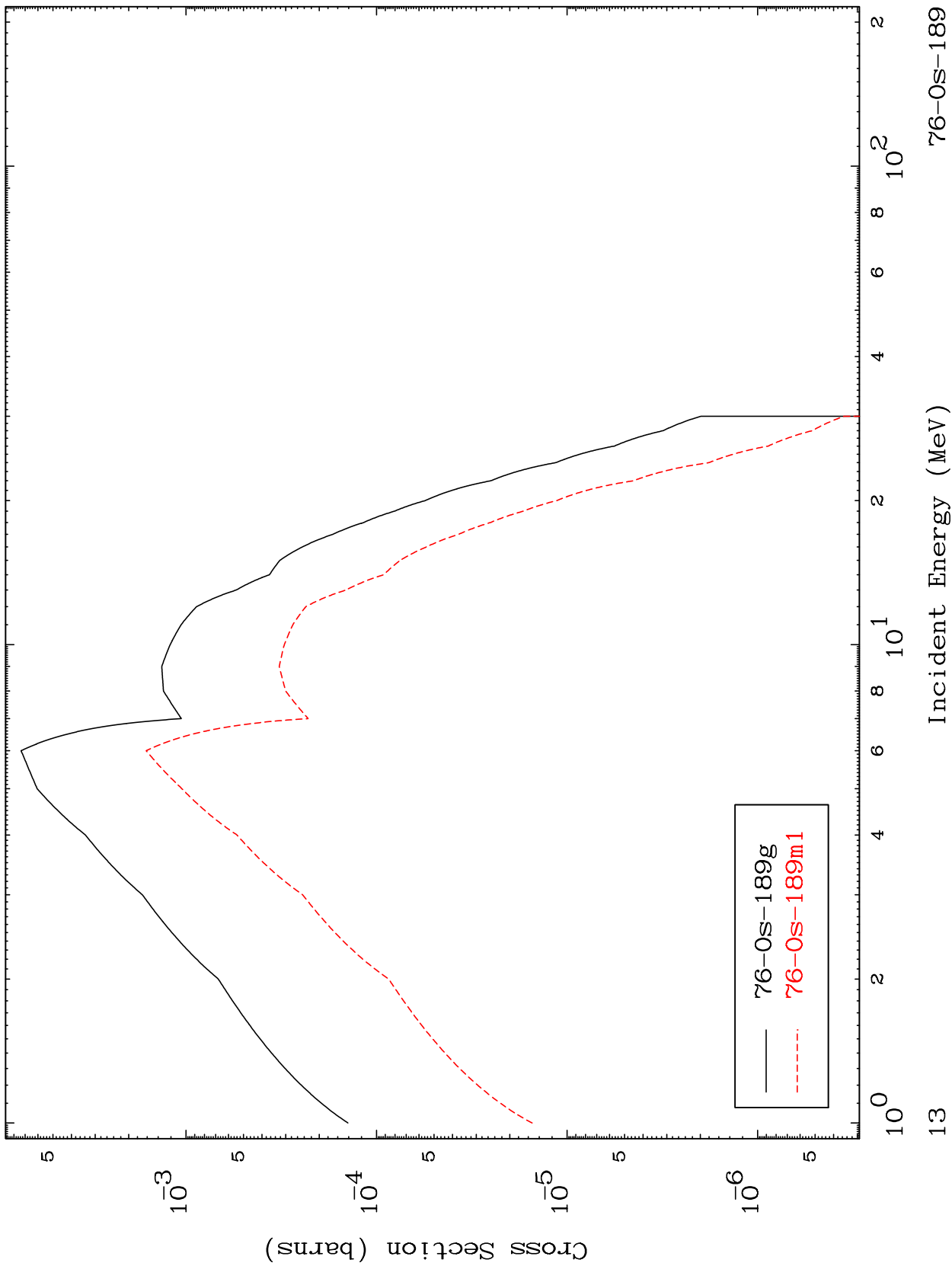
Incident Energy (MeV)

76-Os-189

MAT 7640

76-0s-189

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

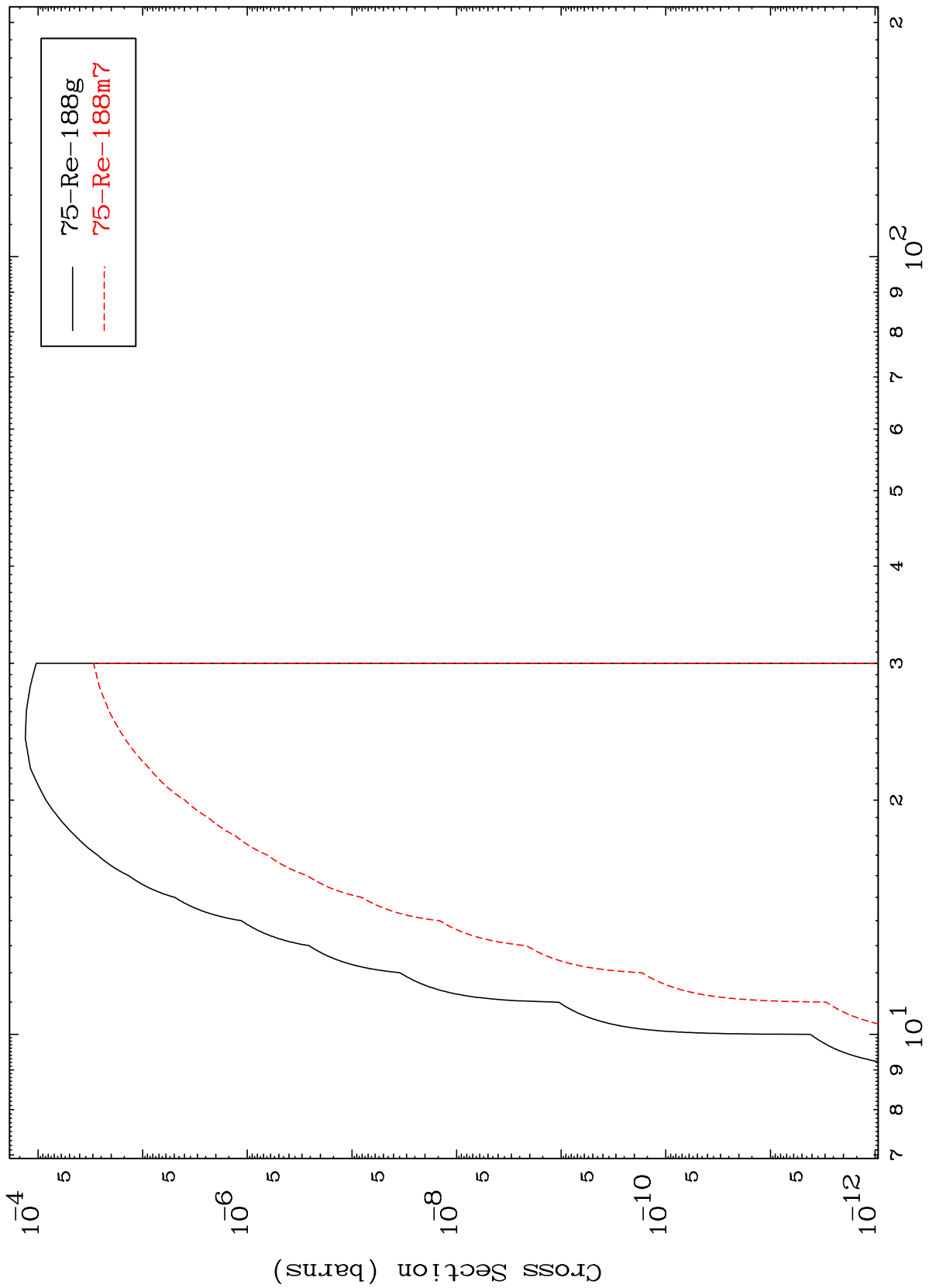


13

MAT 7640

76-Os-189

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



14

Incident Energy (MeV)

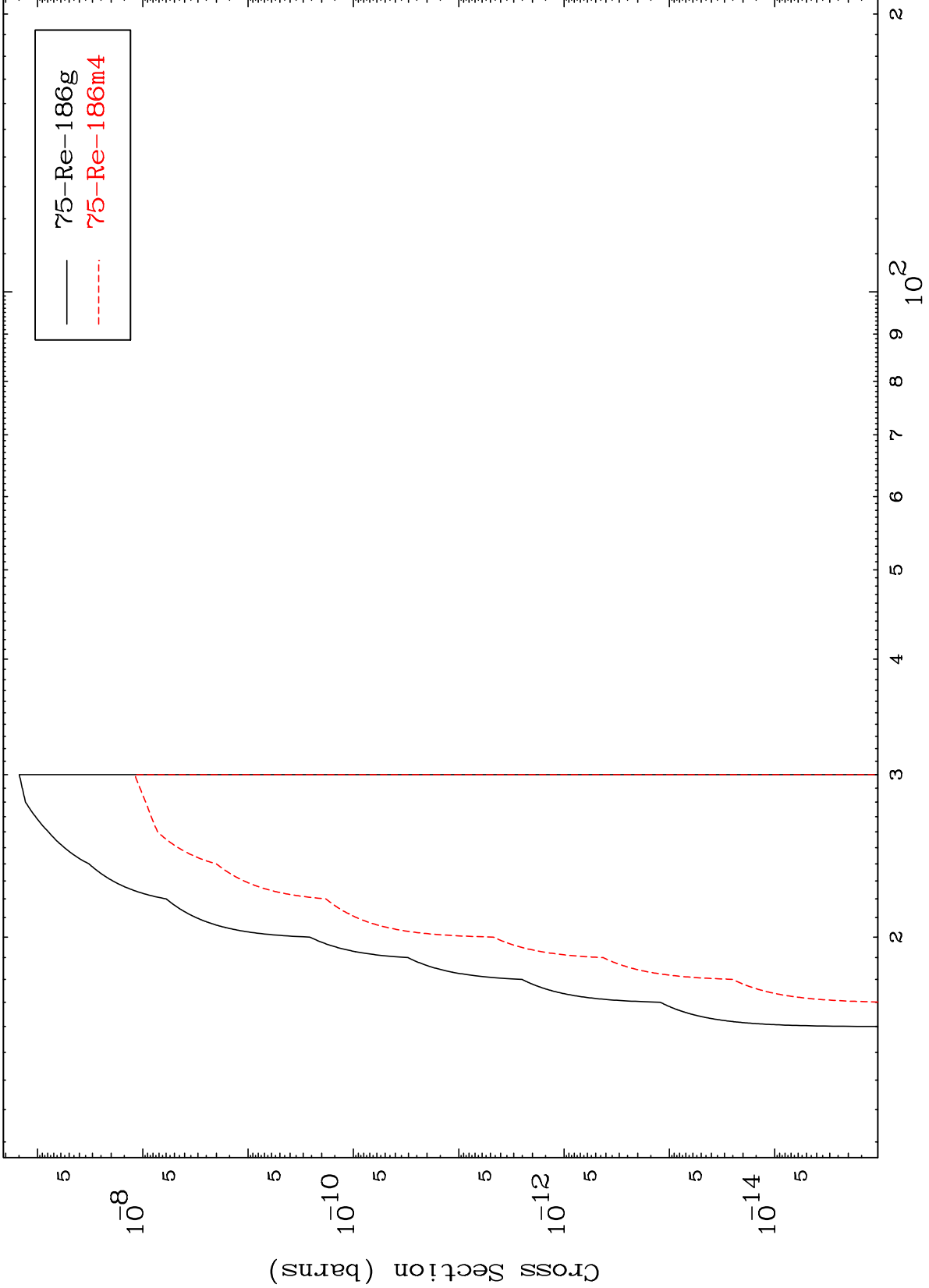
76-Os-189

MAT 7640

( $\gamma, t$ )

76-Os-189

Radionuclide Production Cross Section



75-Re-186g  
75-Re-186m4

15

Incident Energy (MeV)

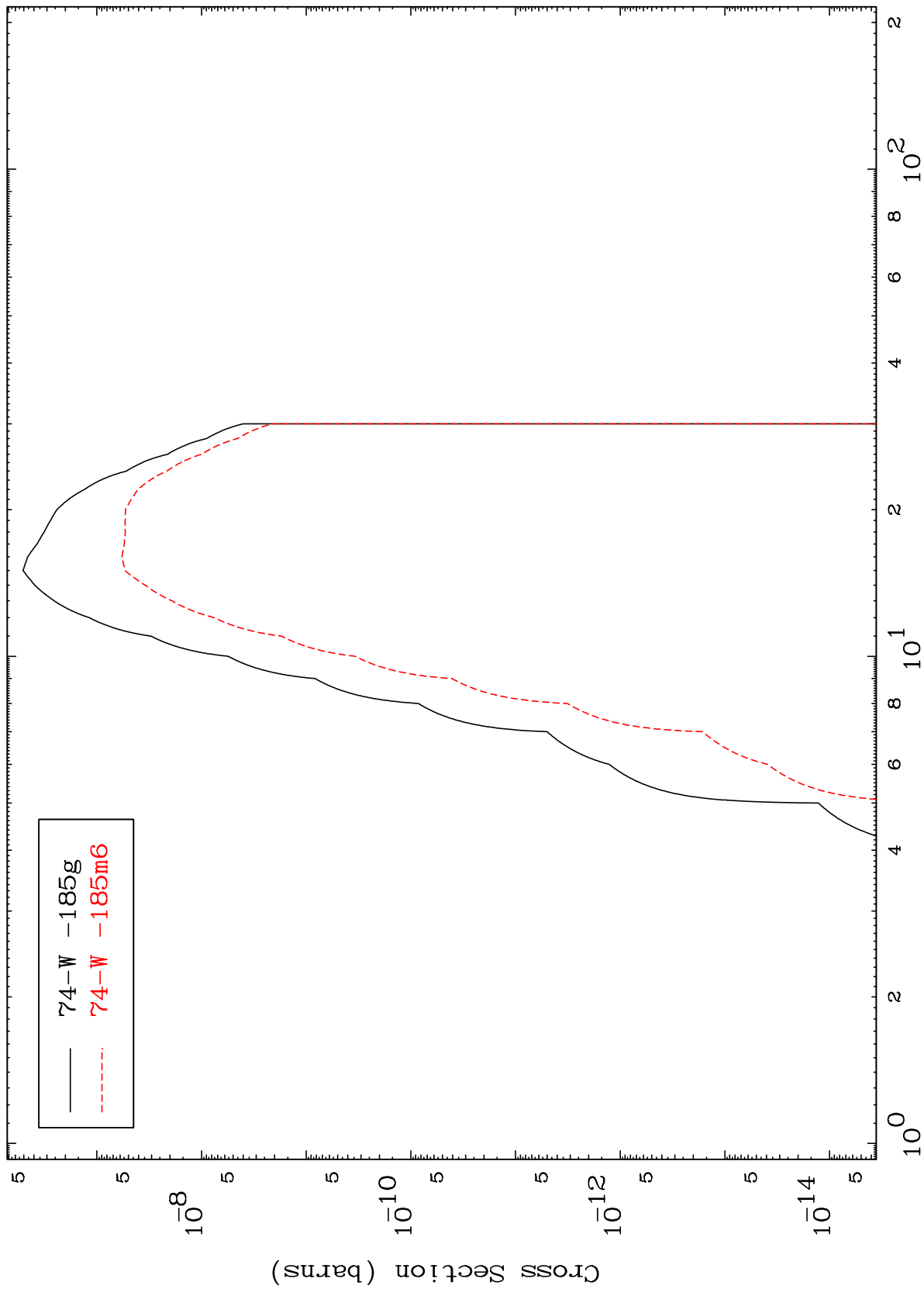
76-Os-189

MAT 7640

76-Os-189

Radionuclide Production Cross Section

( $\gamma, \alpha$ )



Incident Energy (MeV)

76-Os-189