

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

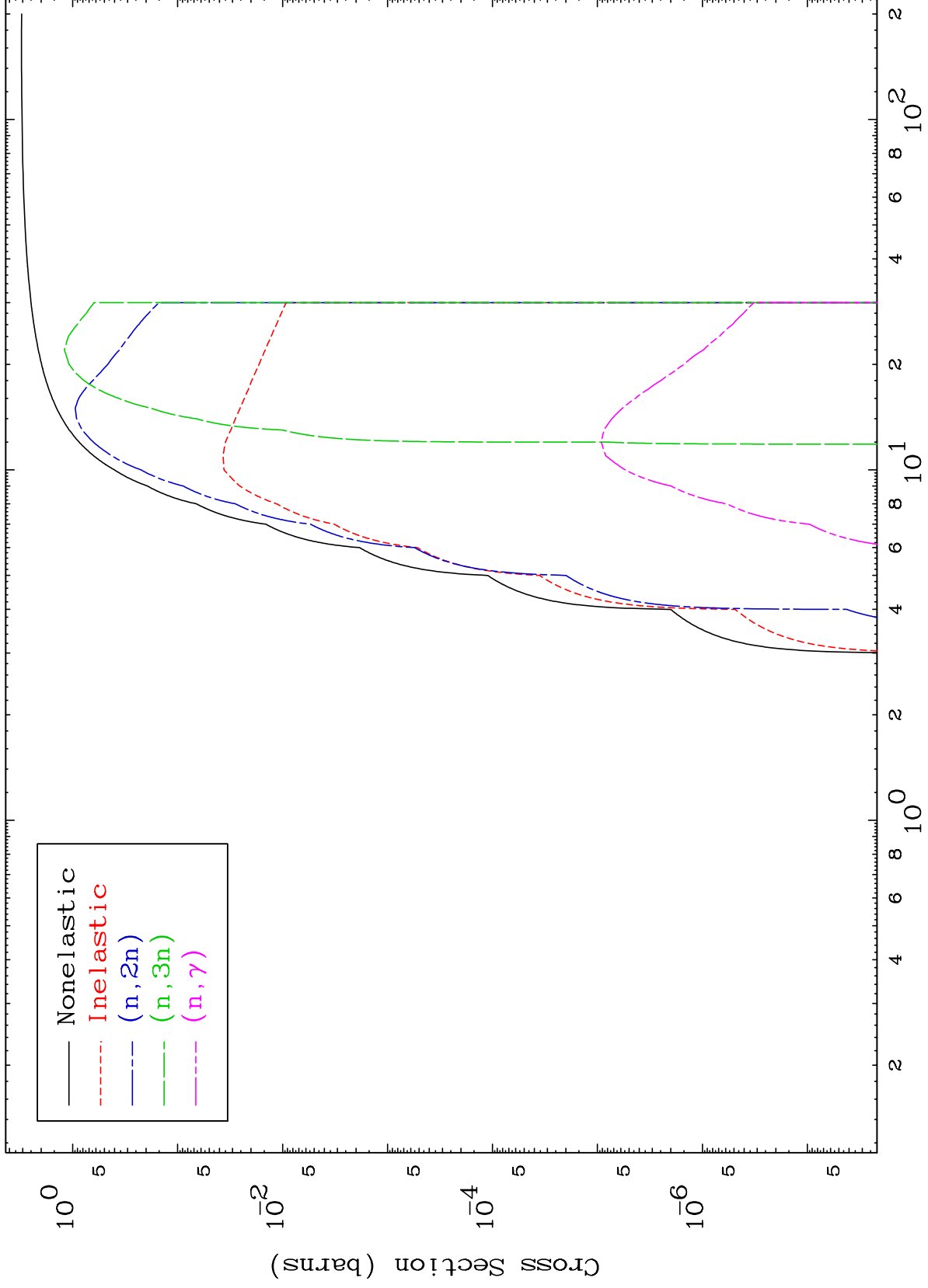
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7640

Deuteron Major  
0 Kelvin Cross Sections

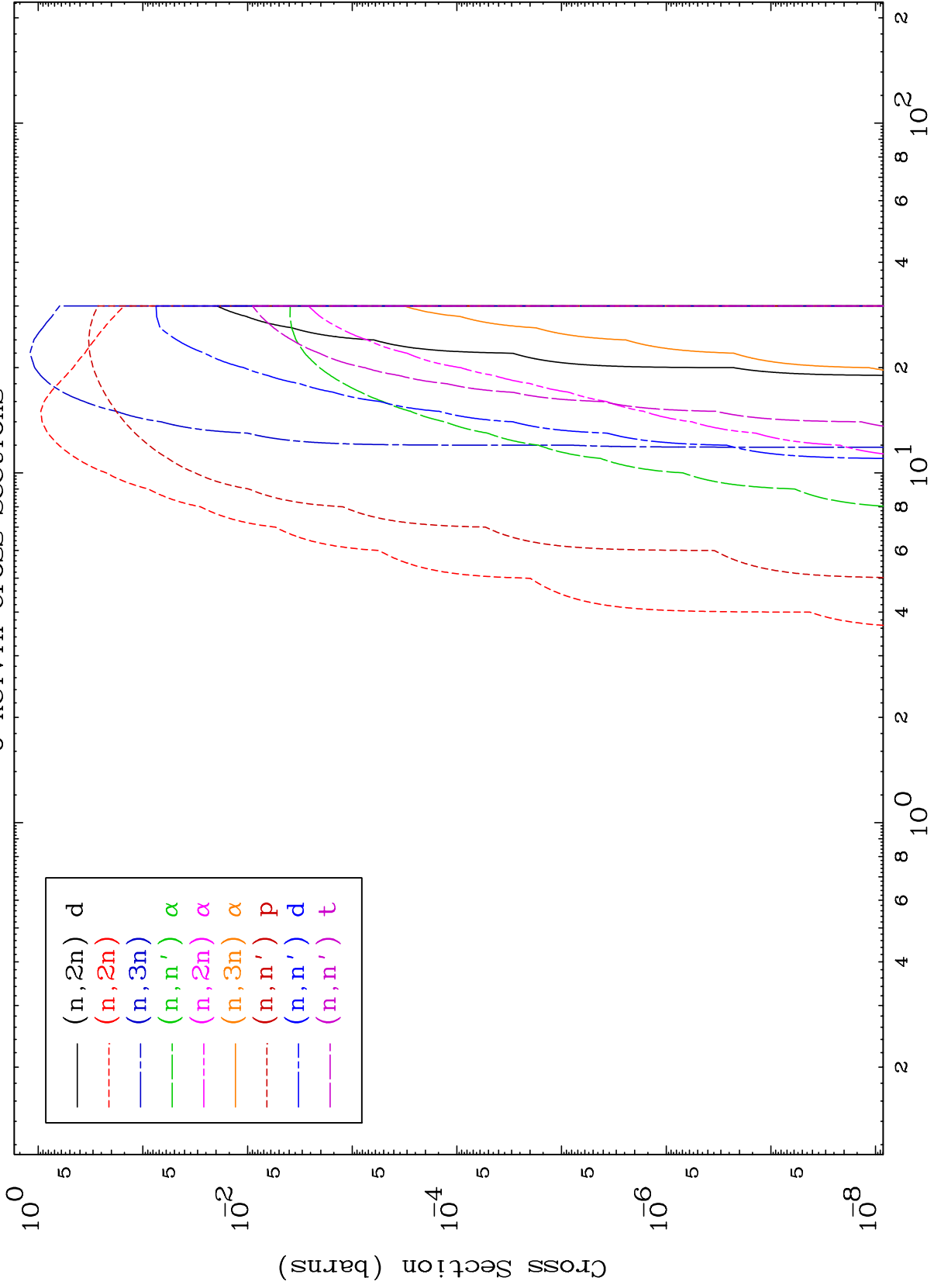
76-Os-189



MAT 7640

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

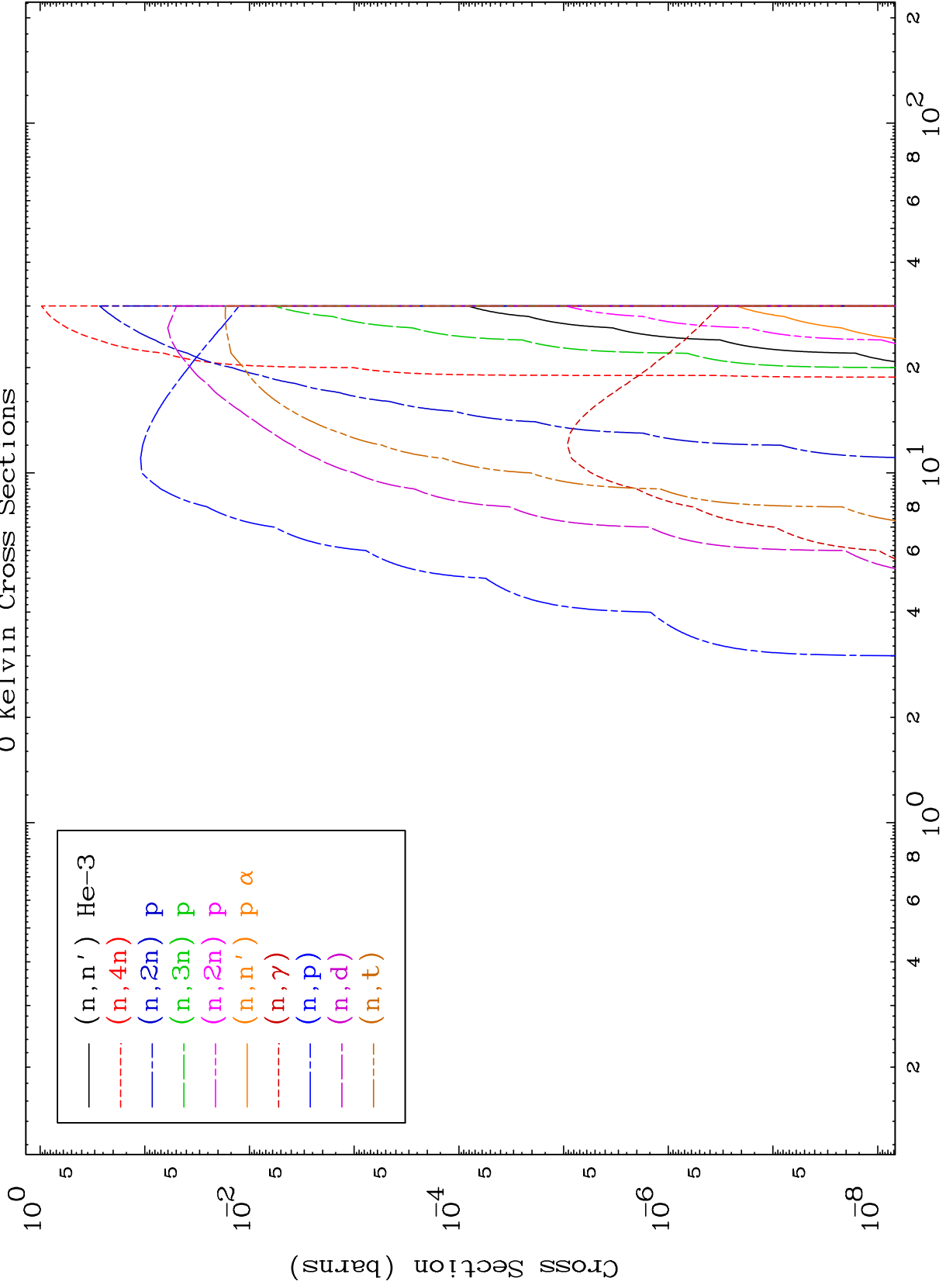
76-Os-189

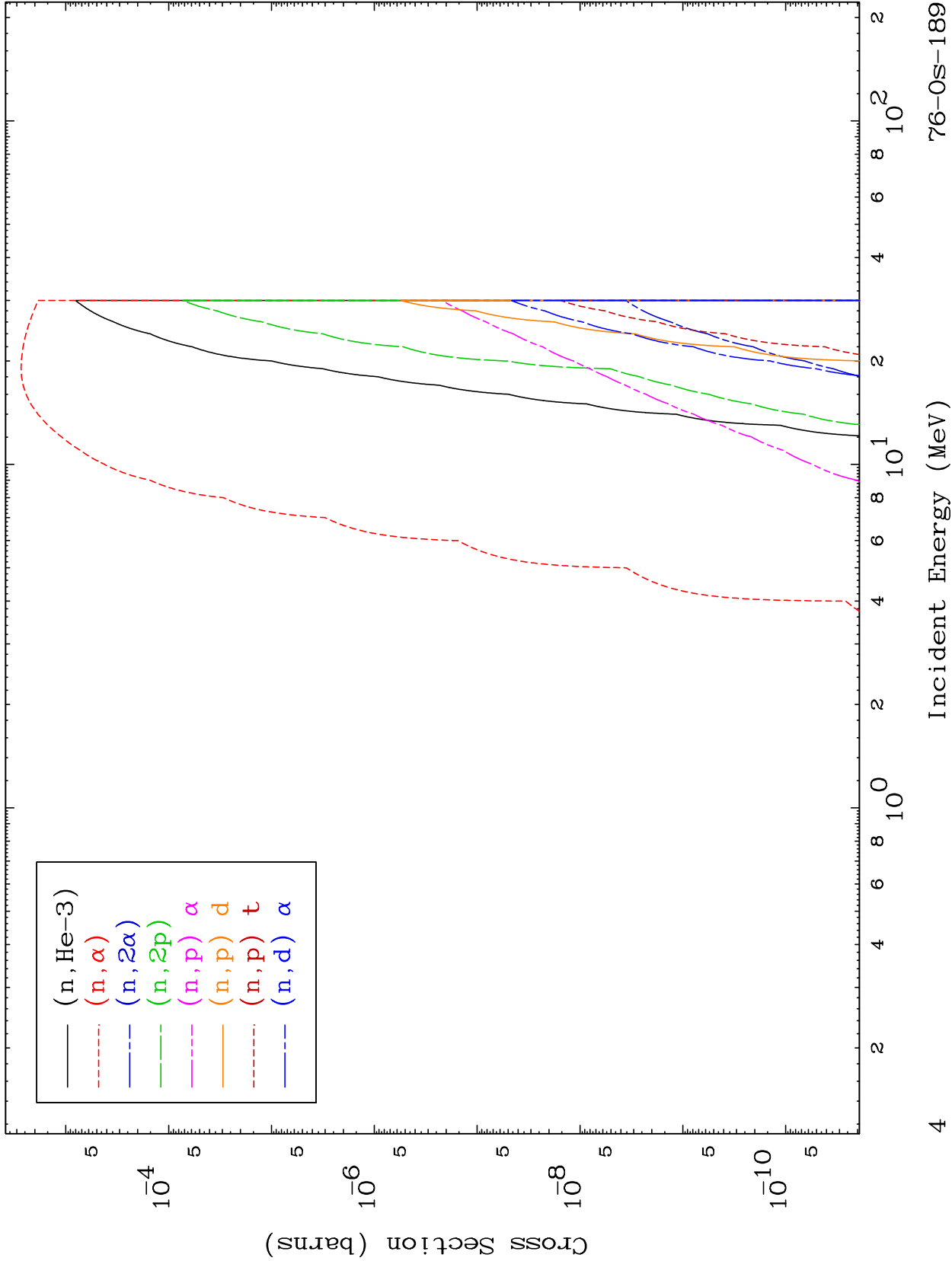


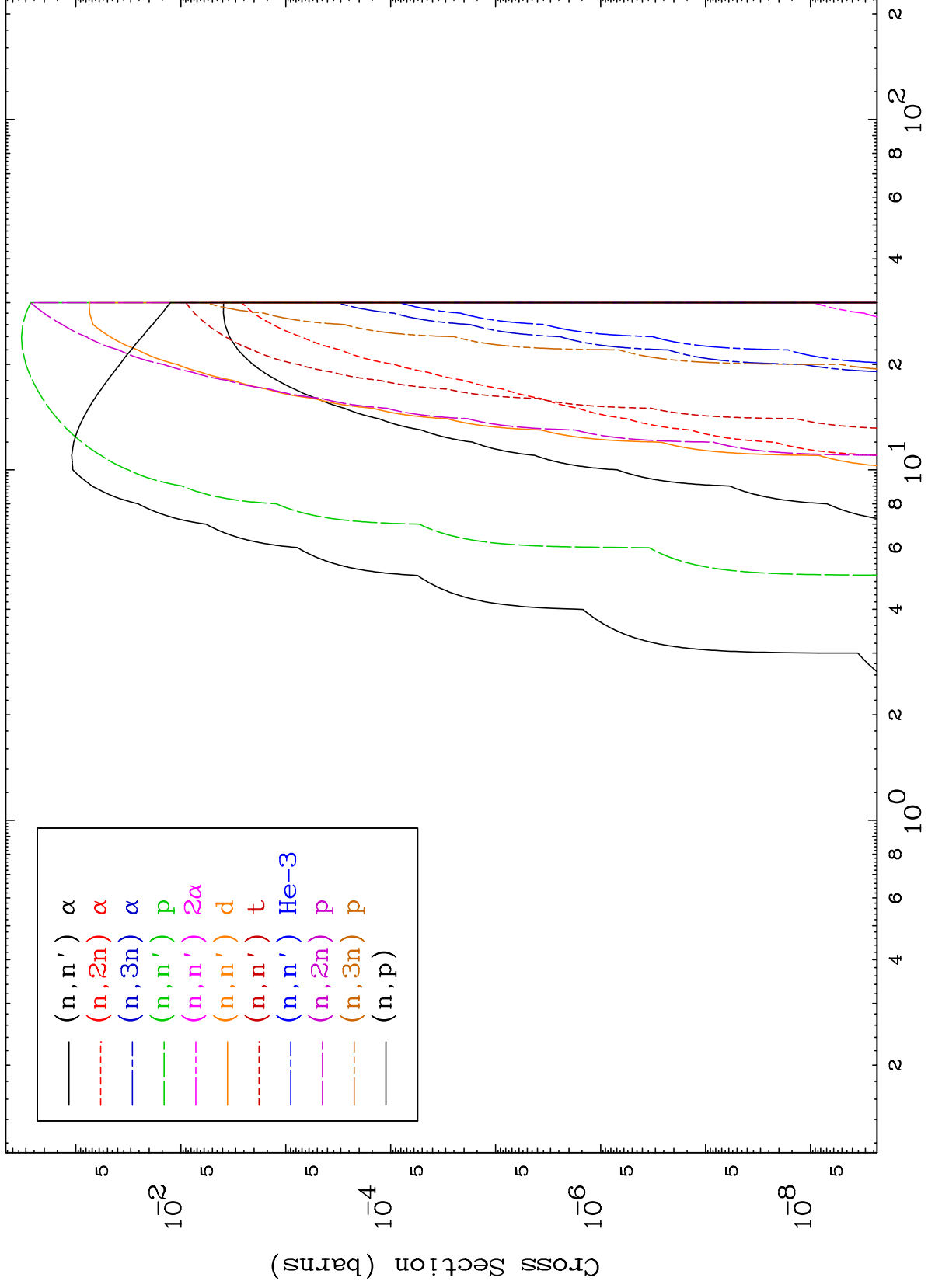
MAT 7640

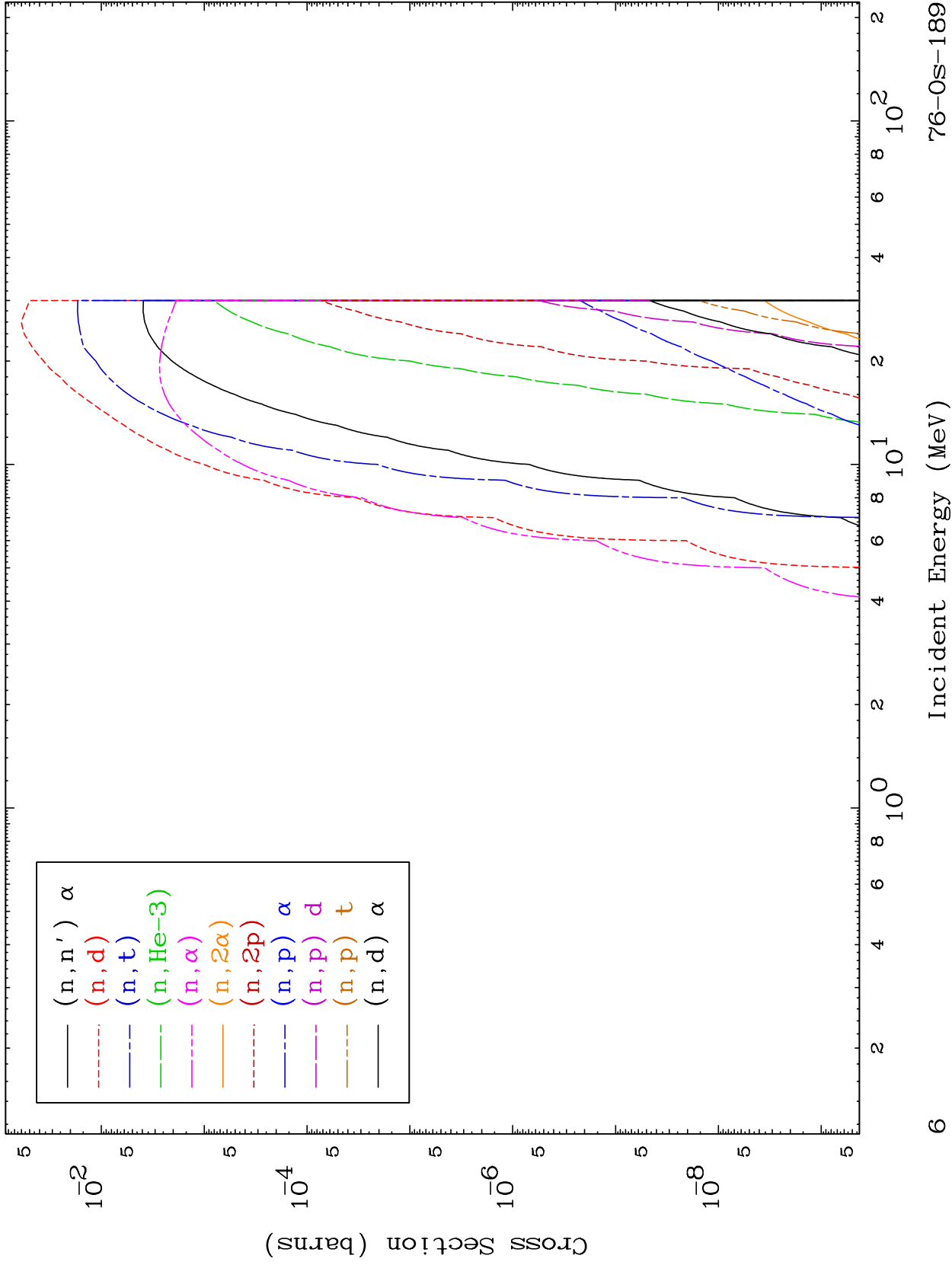
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

76-Os-189





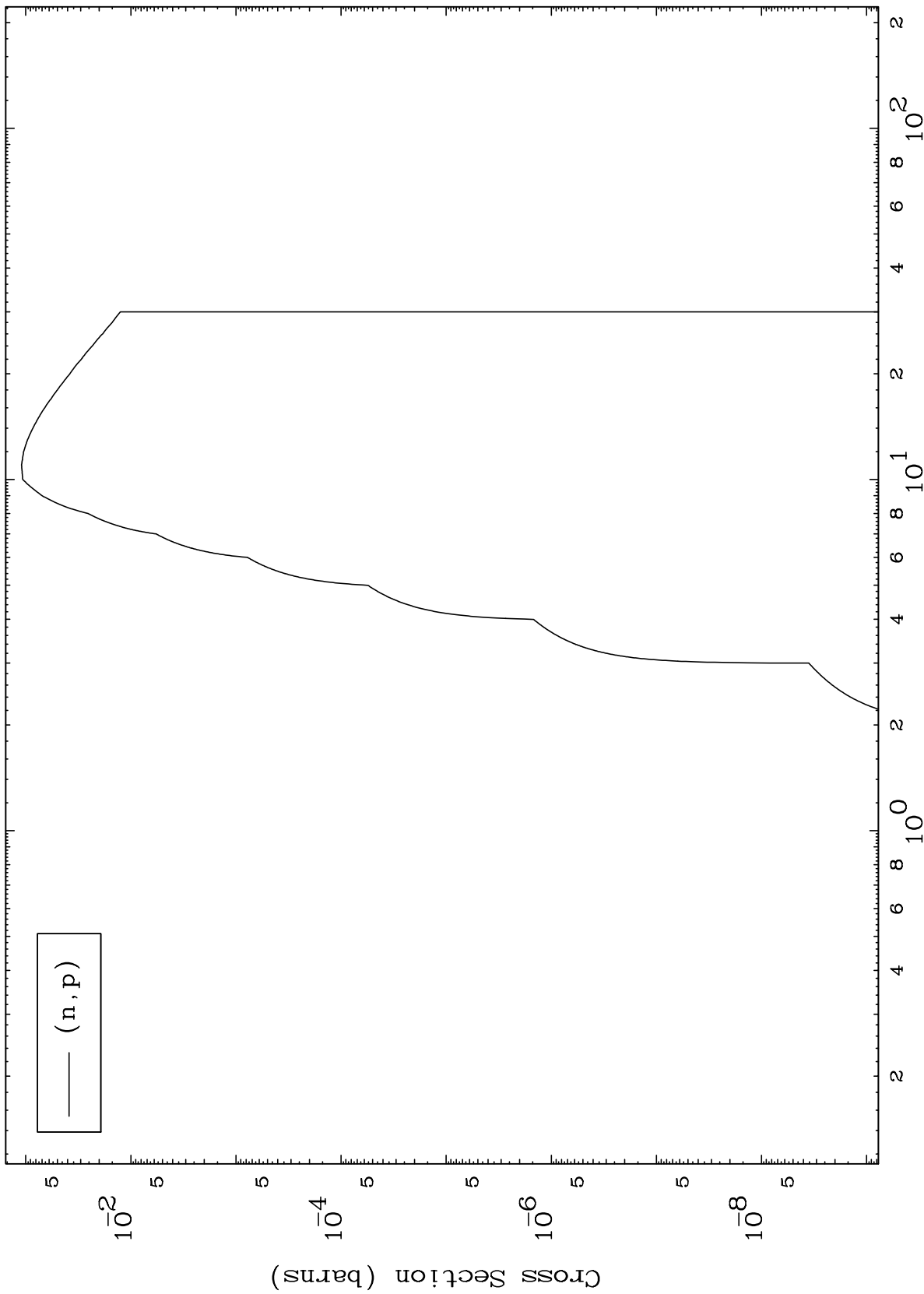




MAT 7640

76-Os-189

(d,p) Levels  
0 Kelvin Cross Sections



76-Os-189

Incident Energy (MeV)

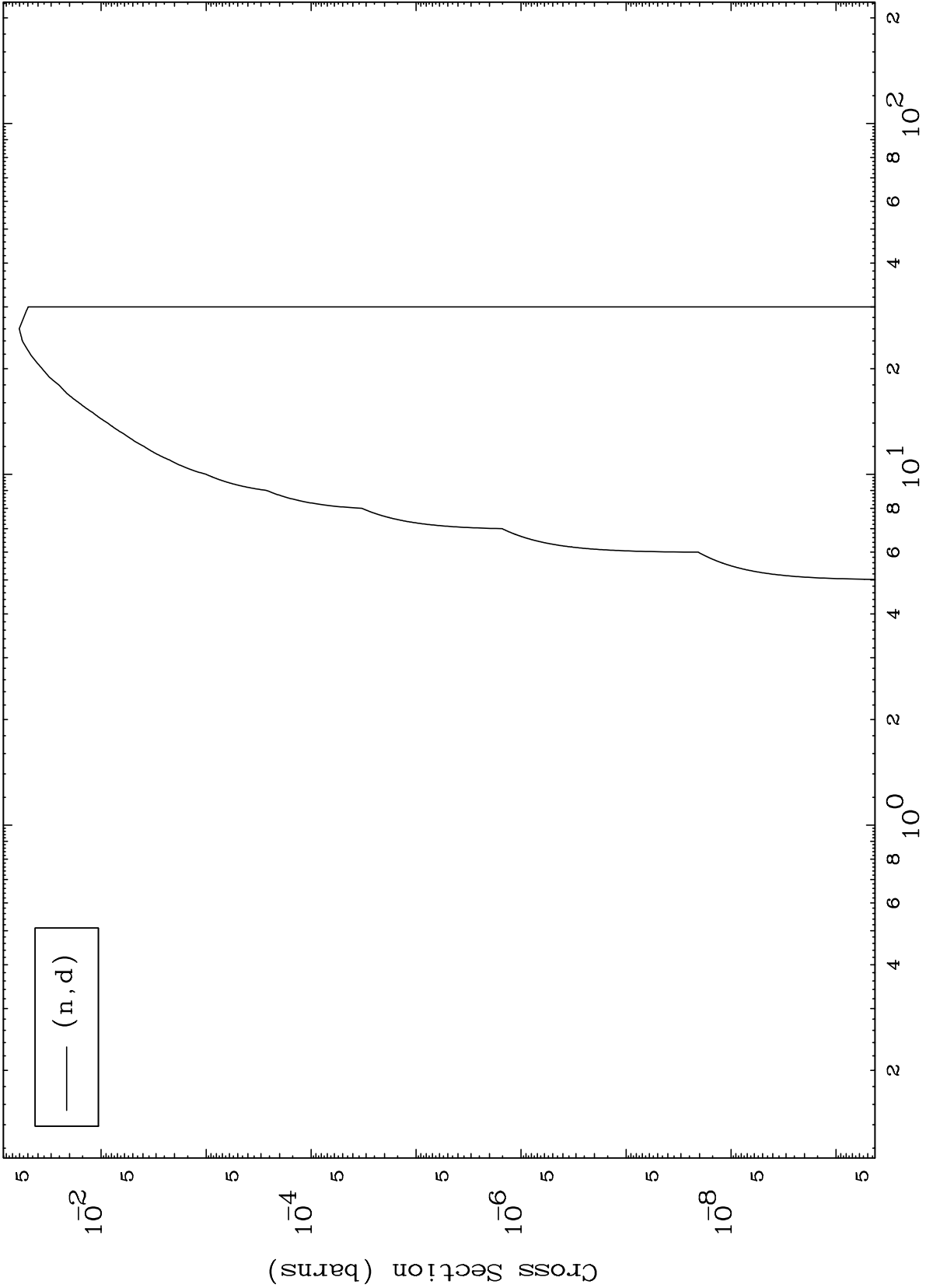
7

MAT 7640

(d,d) Levels

76-Os-189

0 Kelvin Cross Sections

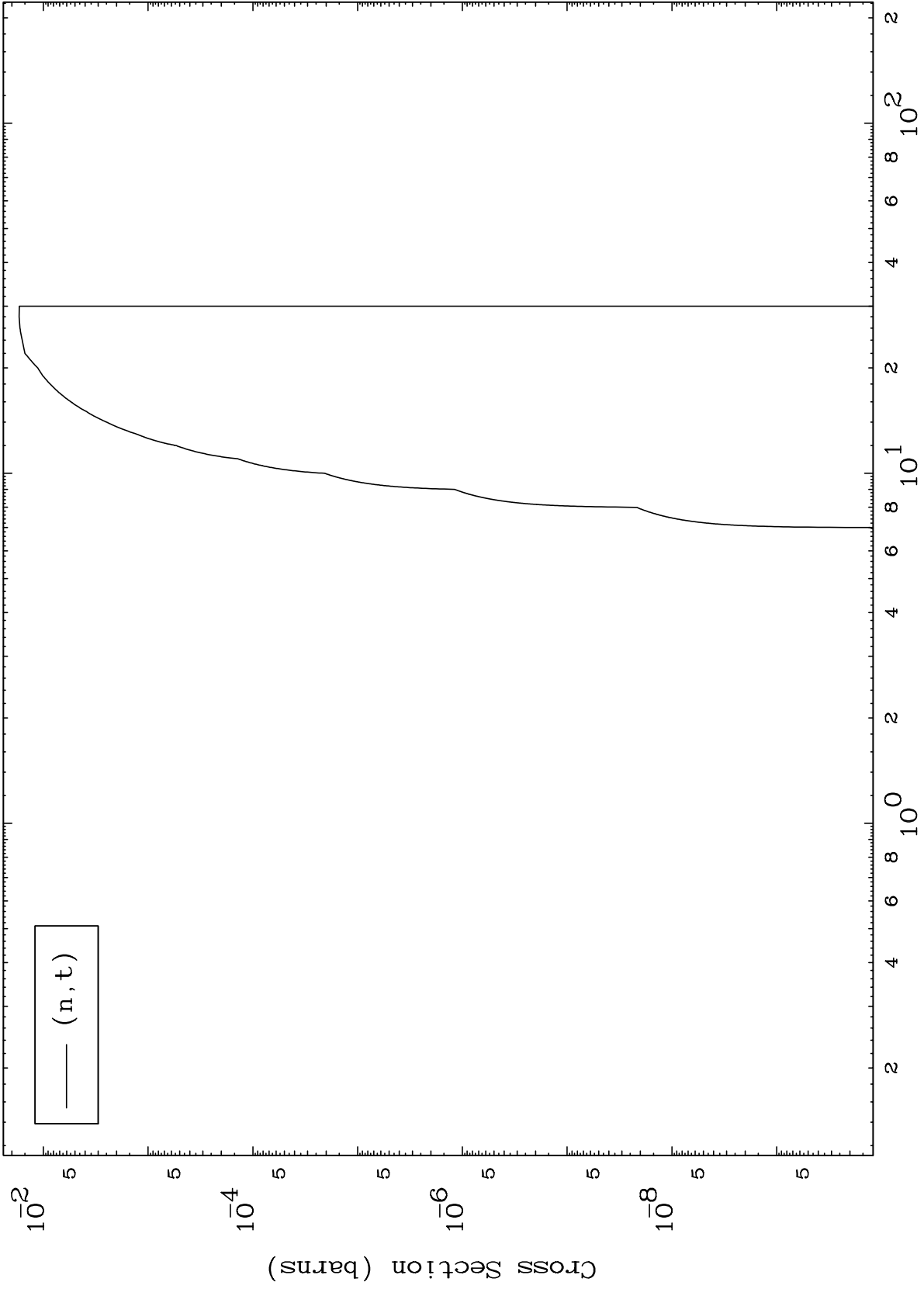


MAT 7640

(d,t) Levels

76-Os-189

0 Kelvin Cross Sections

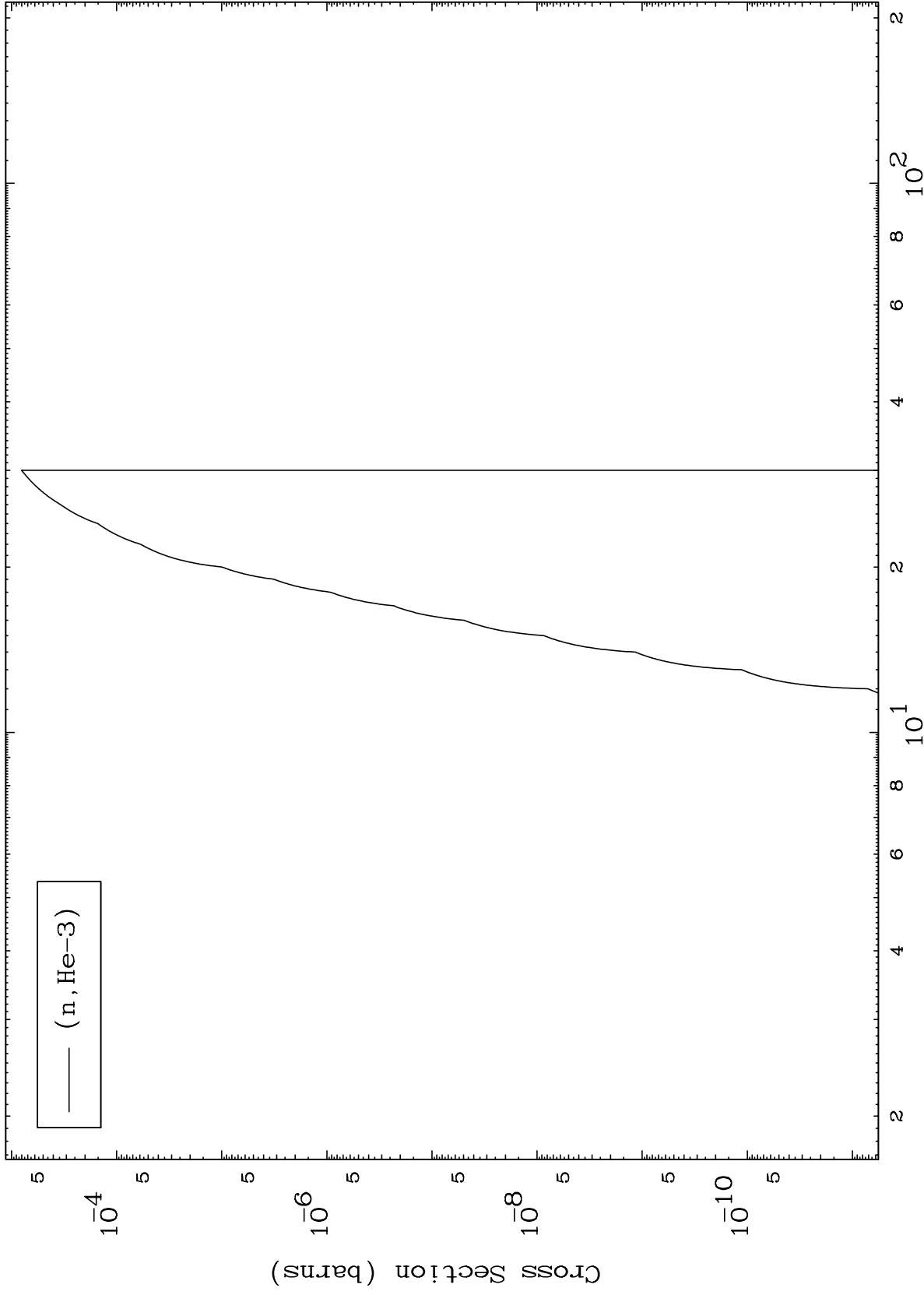


MAT 7640

(d,He3) Levels

76-Os-189

0 Kelvin Cross Sections



10

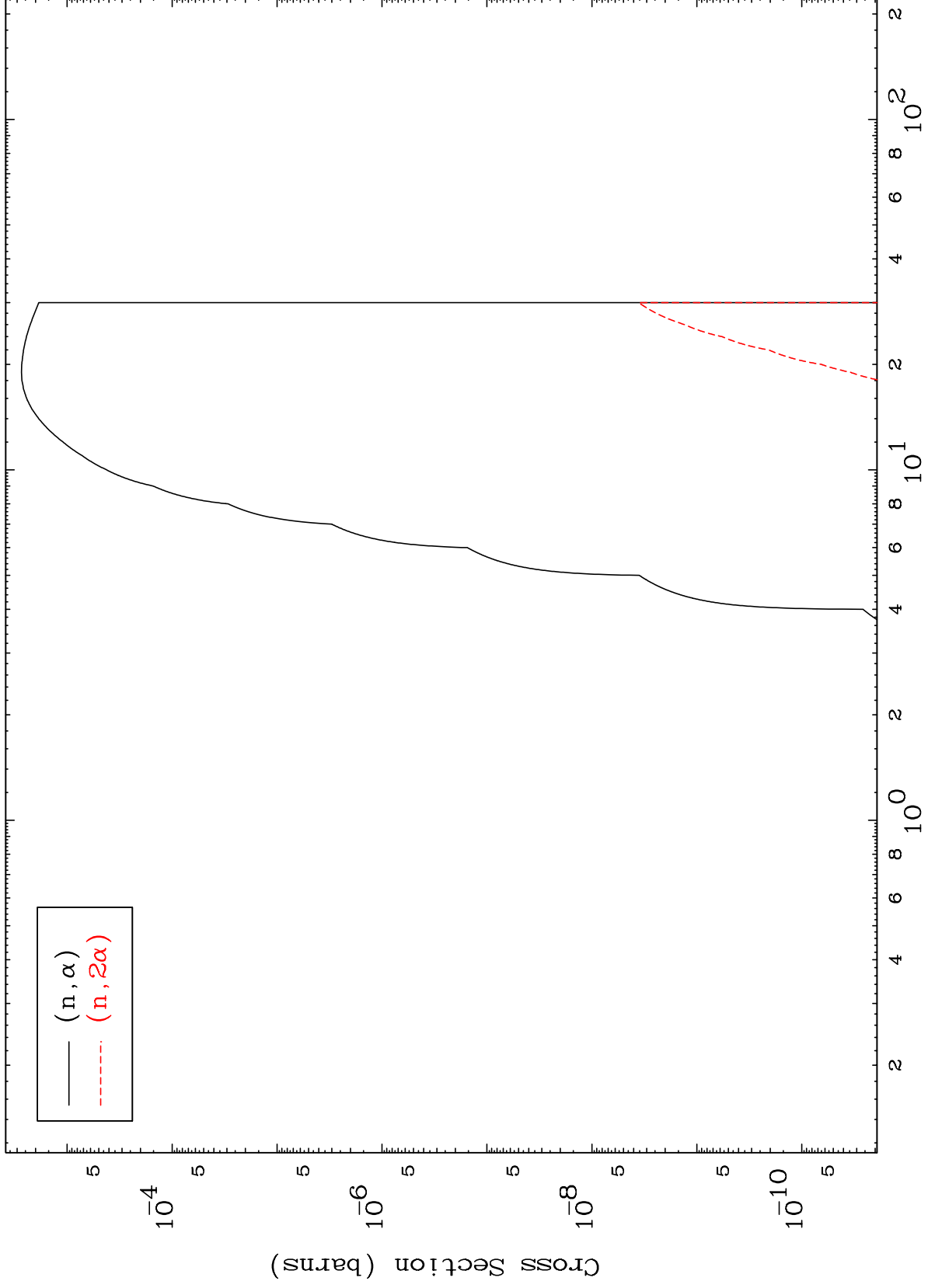
Incident Energy (MeV)

76-Os-189

MAT 7640

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

76-Os-189

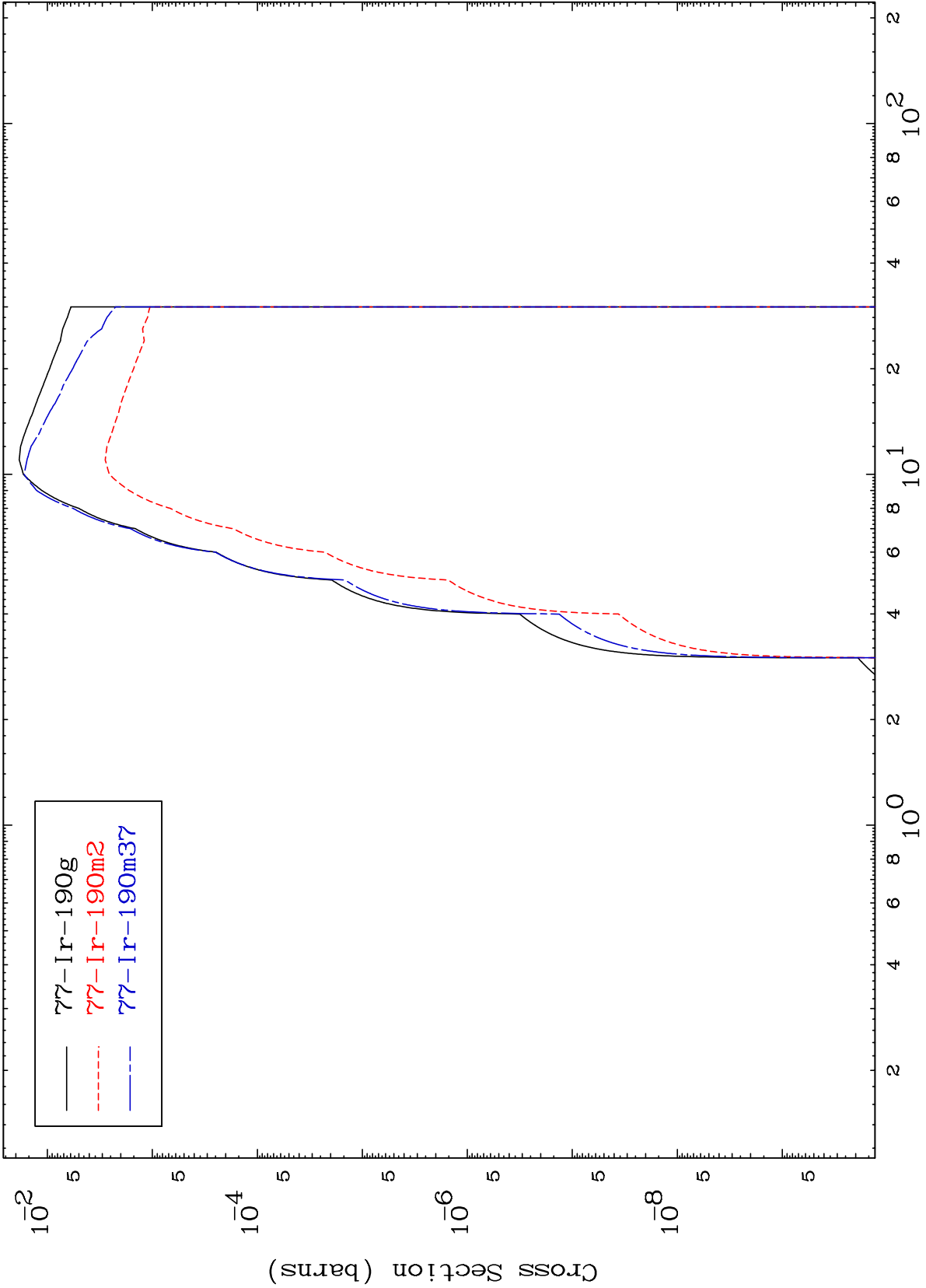


76-Os-189

MAT 7640

76-Os-189

Inelastic  
Radionuclide Production Cross Section



76-Os-189

Incident Energy (MeV)

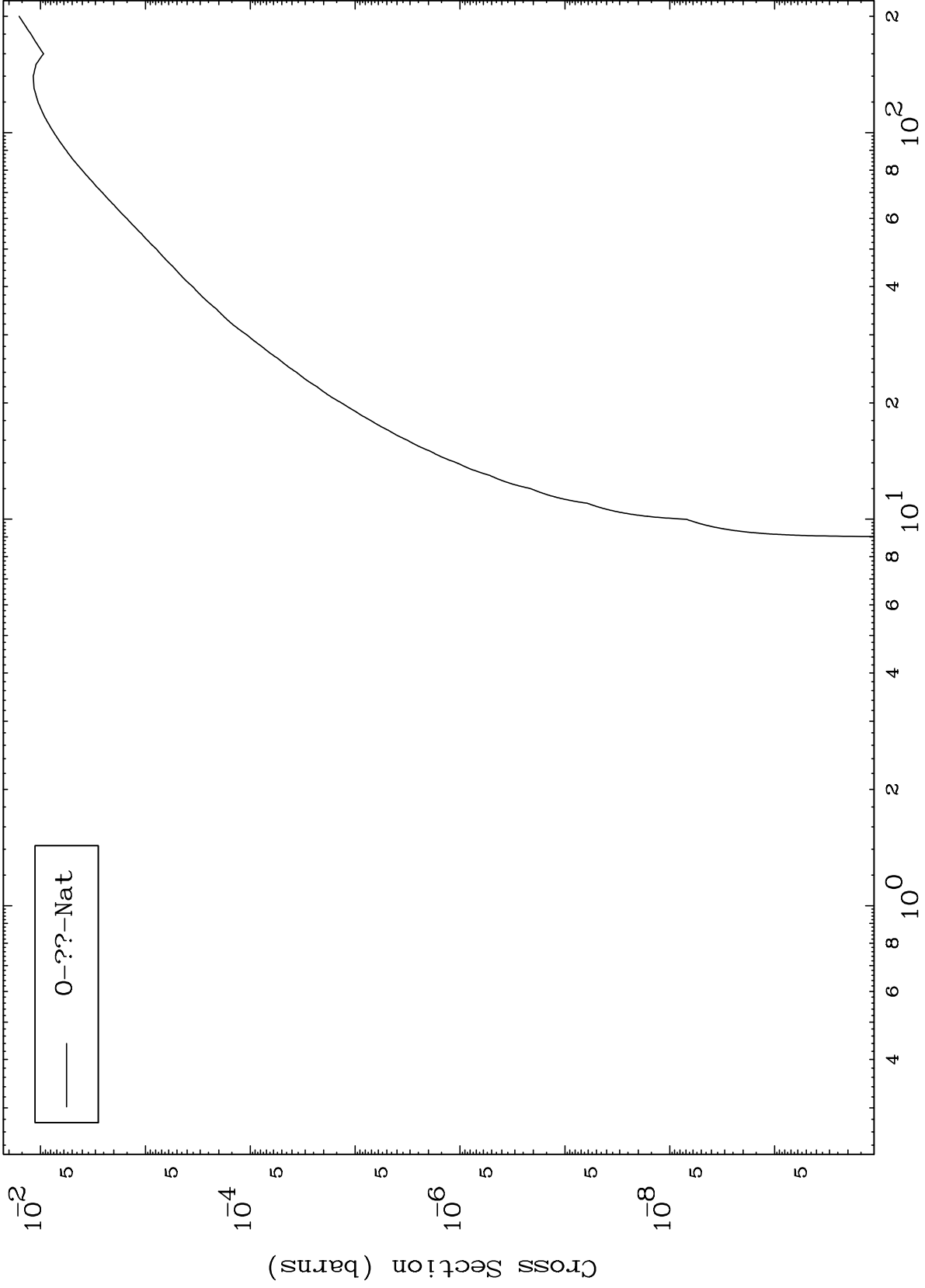
12

MAT 7640

Fission

76-Os-189

Radionuclide Production Cross Section



13

Incident Energy (MeV)

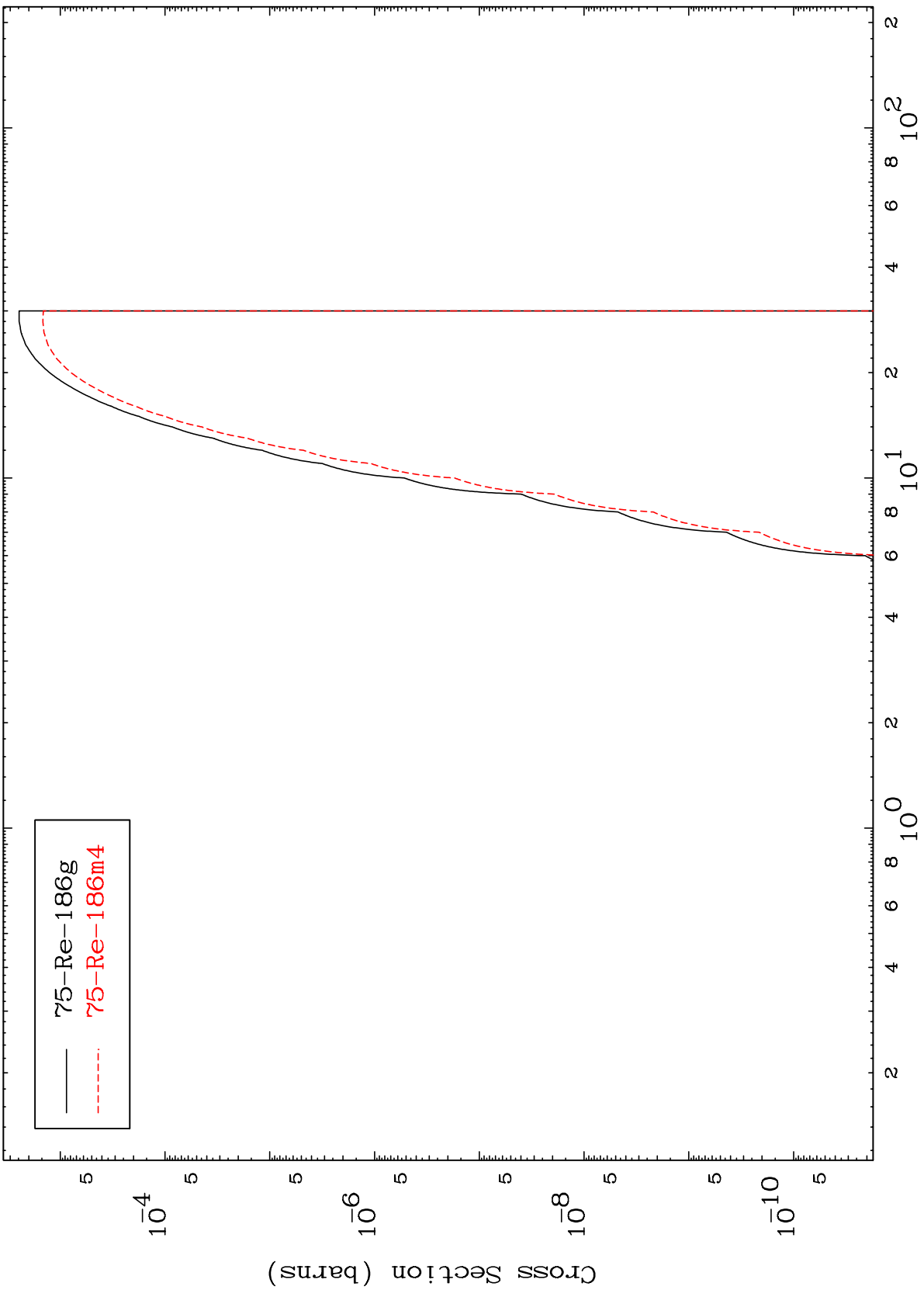
76-Os-189

MAT 7640

$(n, n') \alpha$

76-Os-189

Radionuclide Production Cross Section



14

Incident Energy (MeV)

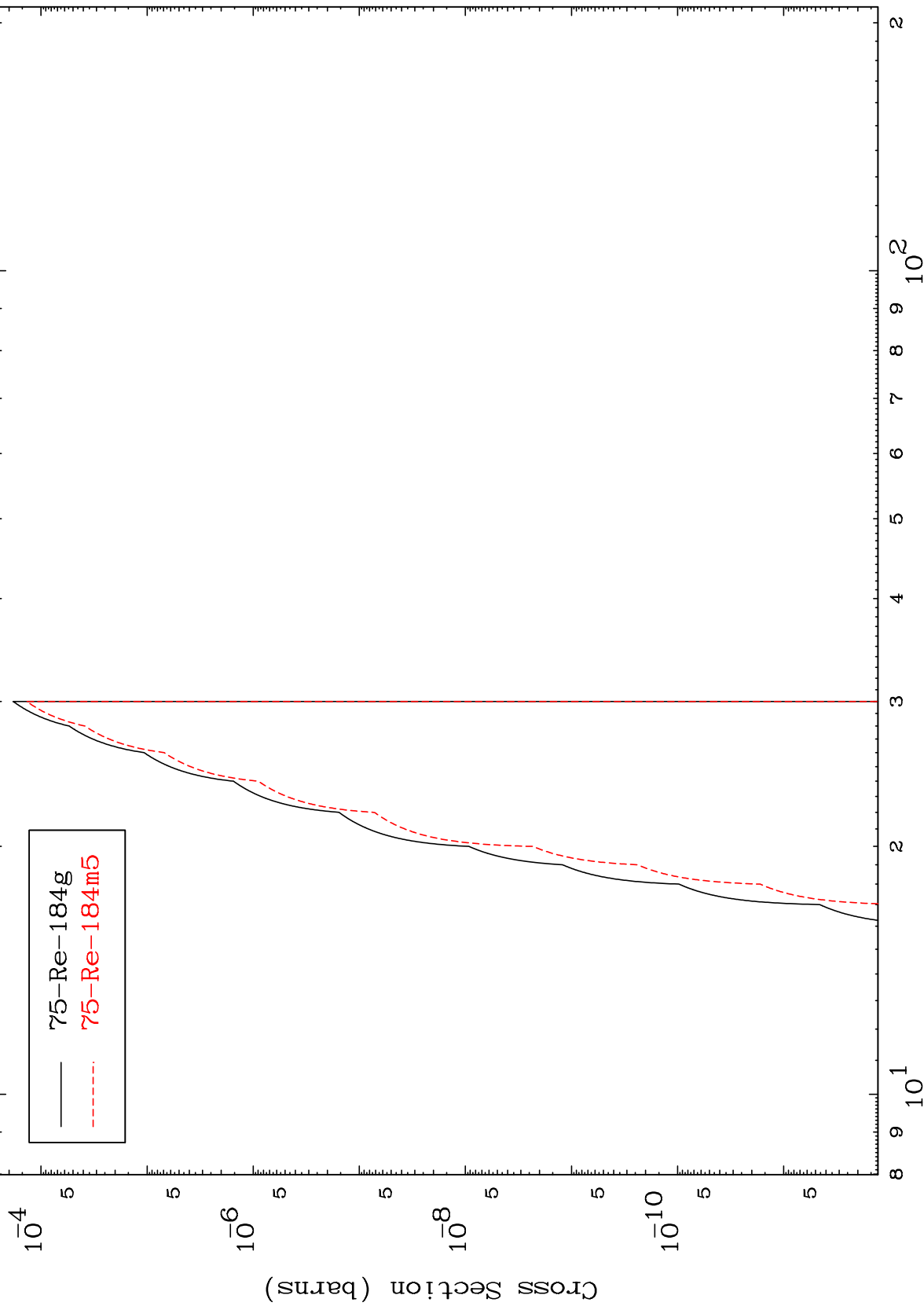
76-Os-189

MAT 7640

(n,3n)  $\alpha$

76-Os-189

Radionuclide Production Cross Section



15

Incident Energy (MeV)

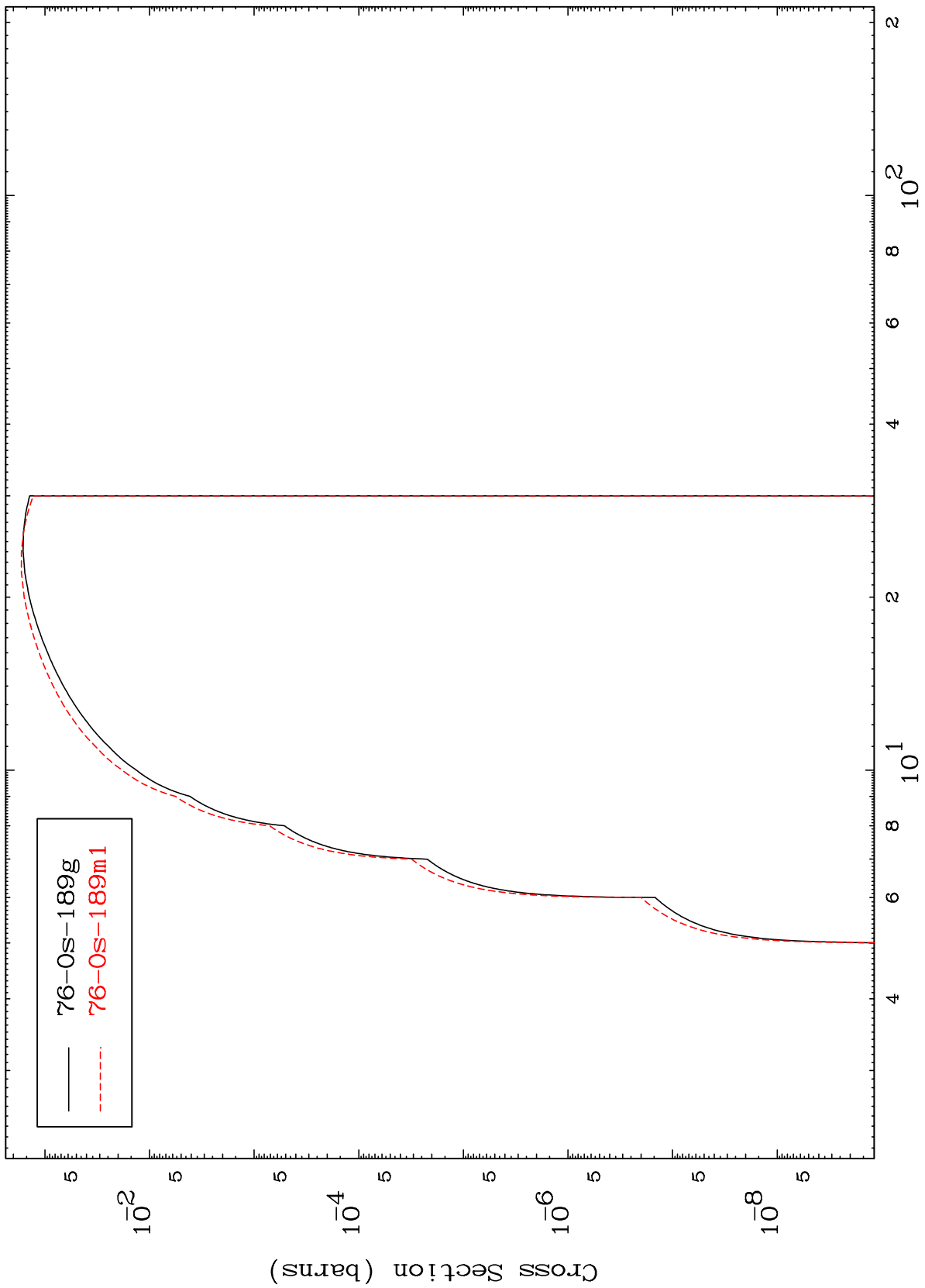
76-Os-189

MAT 7640

(n,n') p

76-Os-189

Radionuclide Production Cross Section

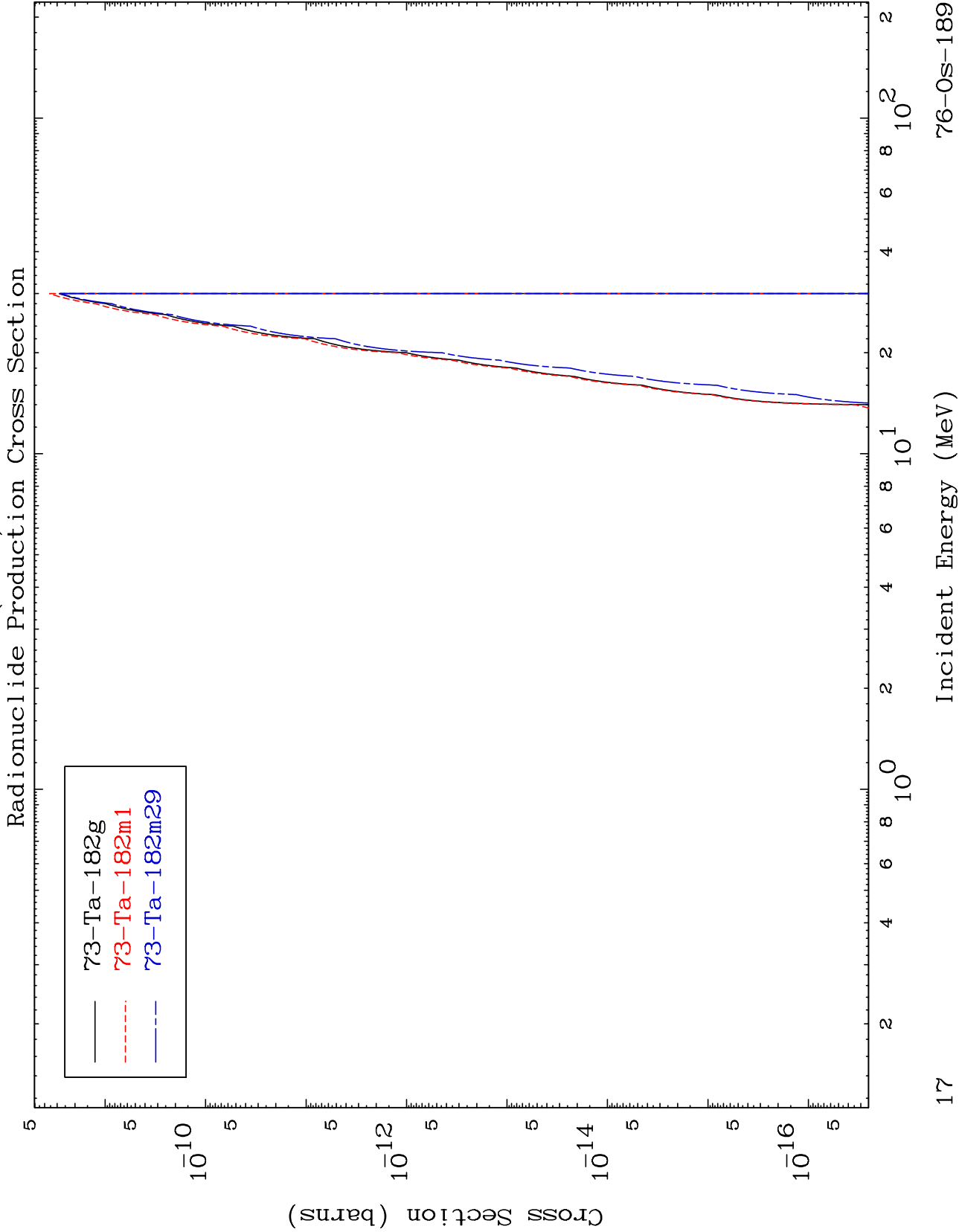


76-Os-189g  
76-Os-189m1

MAT 7640

(n,n') 2α

76-Os-189

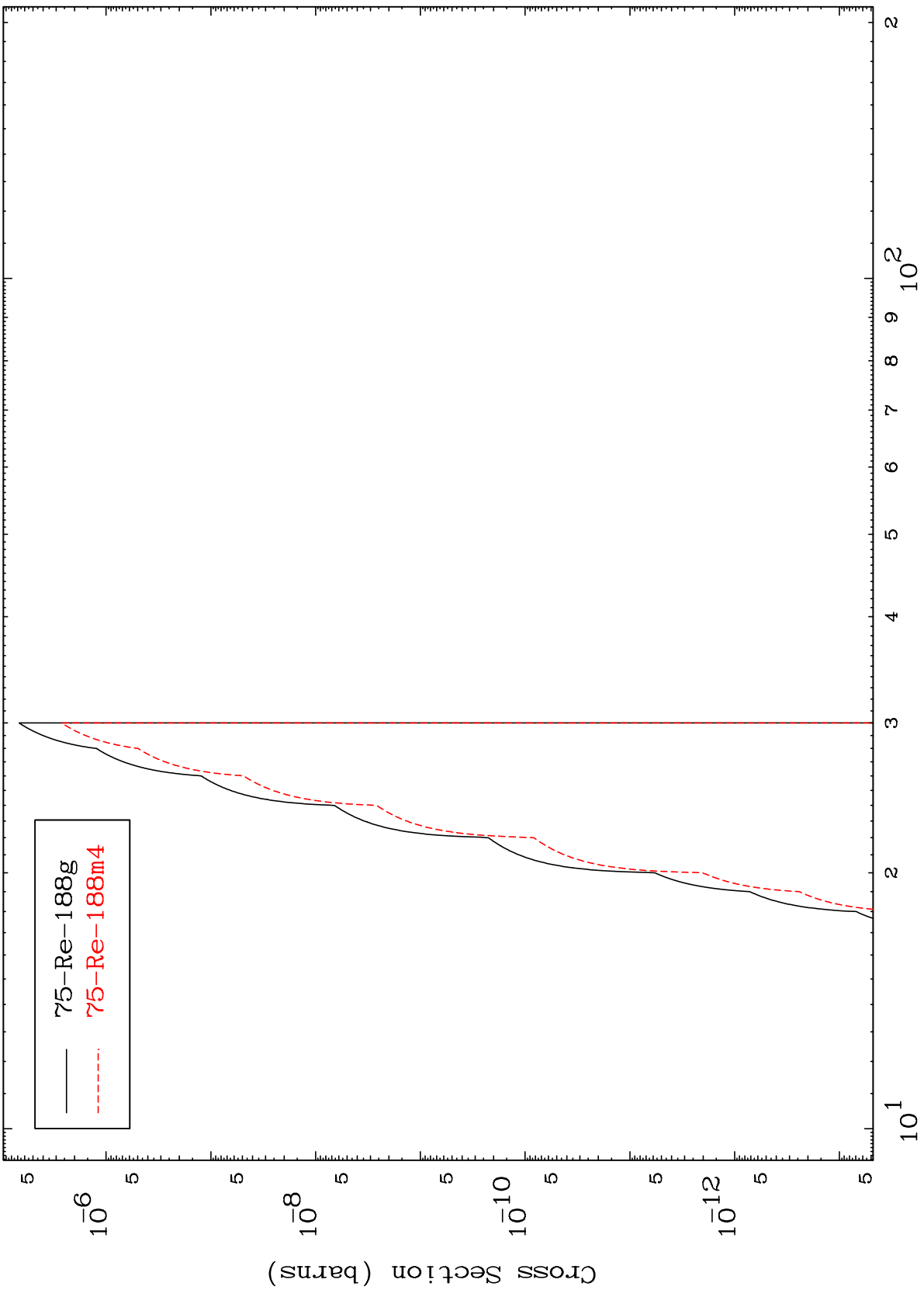


MAT 7640

(n,2n) p

76-Os-189

Radionuclide Production Cross Section



75-Re-188g  
75-Re-188m4

Incident Energy (MeV)

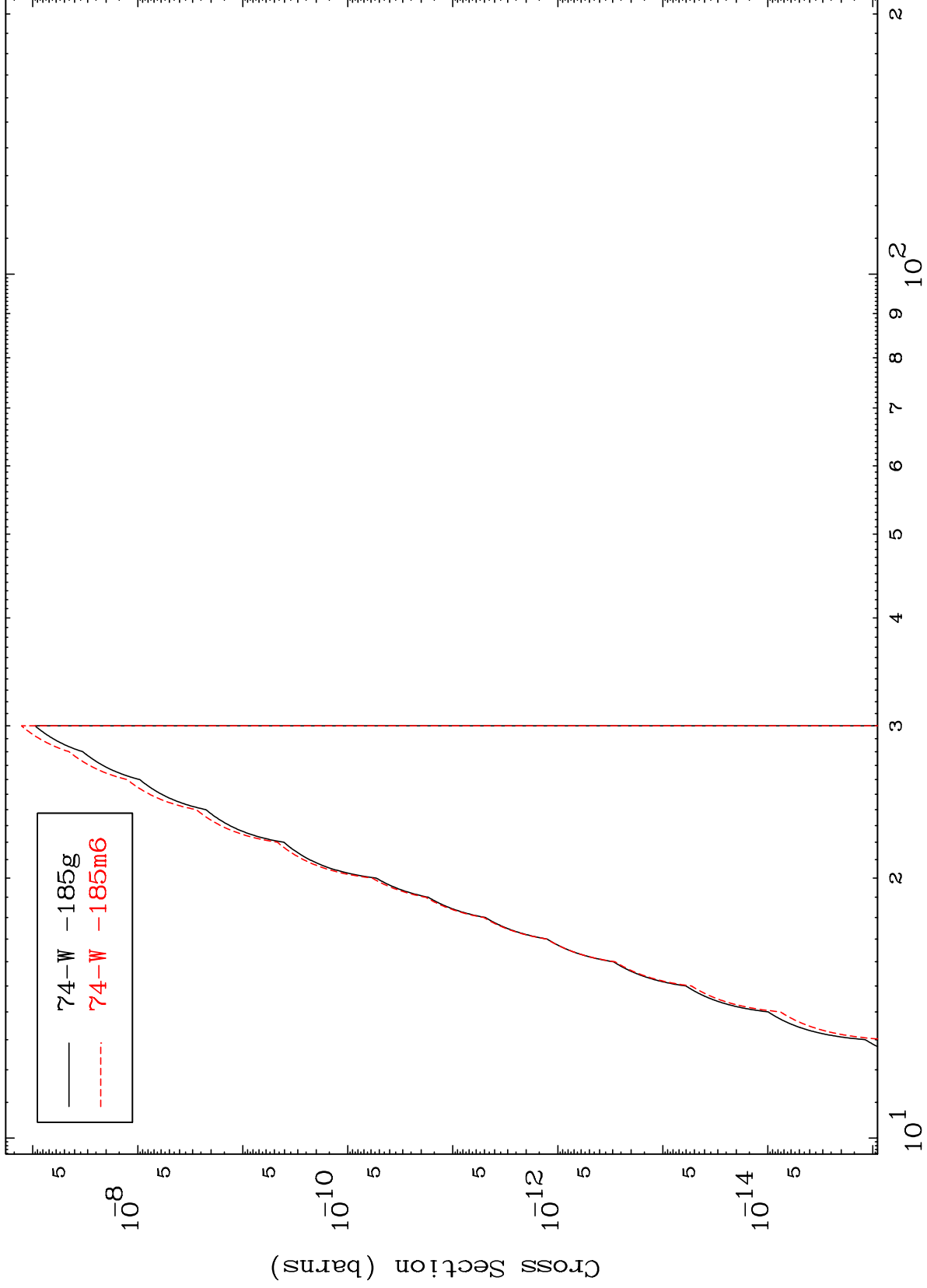
76-Os-189

MAT 7640

(n,n') p  $\alpha$

76-Os-189

Radionuclide Production Cross Section



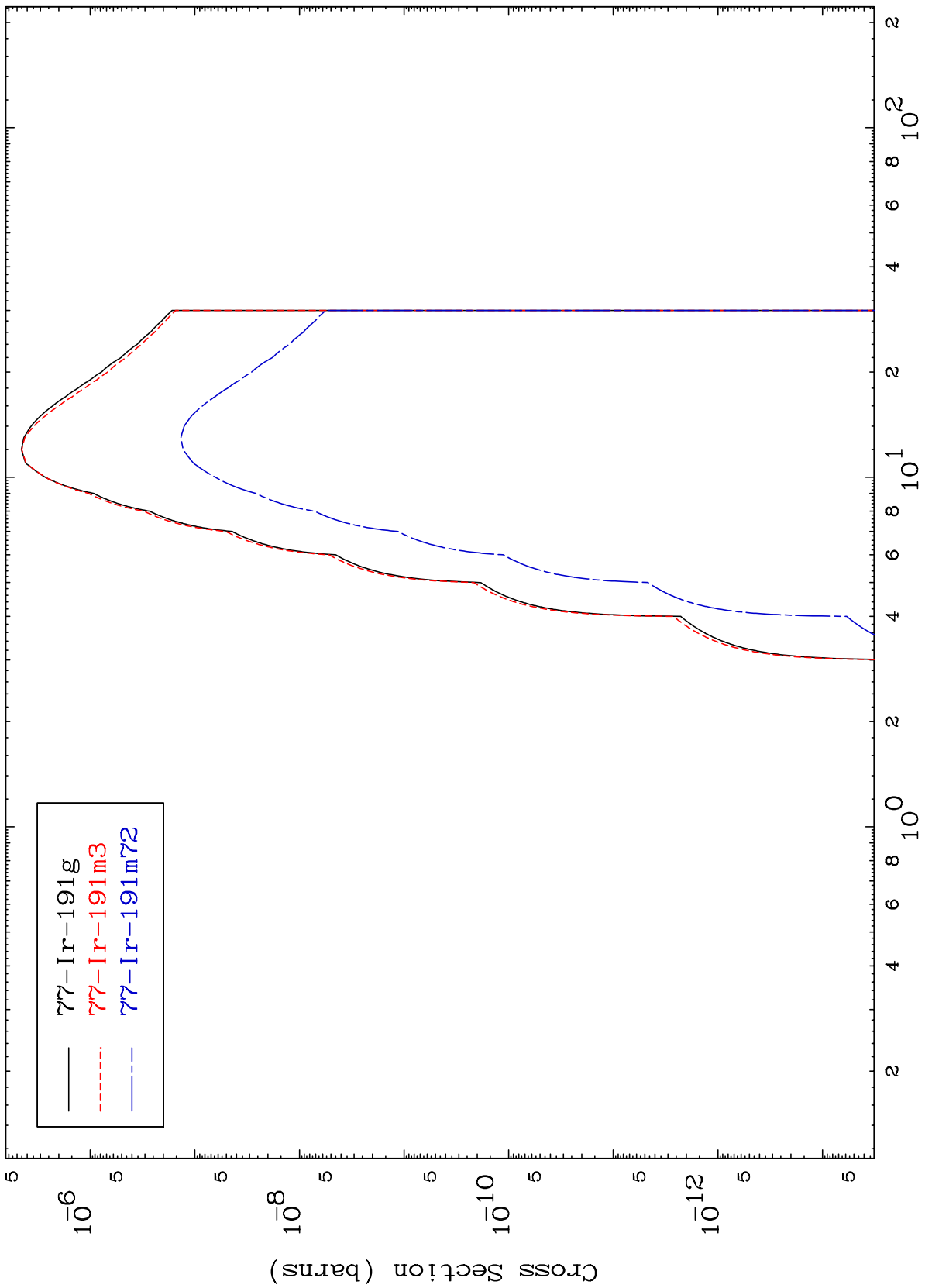
Incident Energy (MeV)

76-Os-189

MAT 7640

76-Os-189

(n,γ)  
Radionuclide Production Cross Section



20

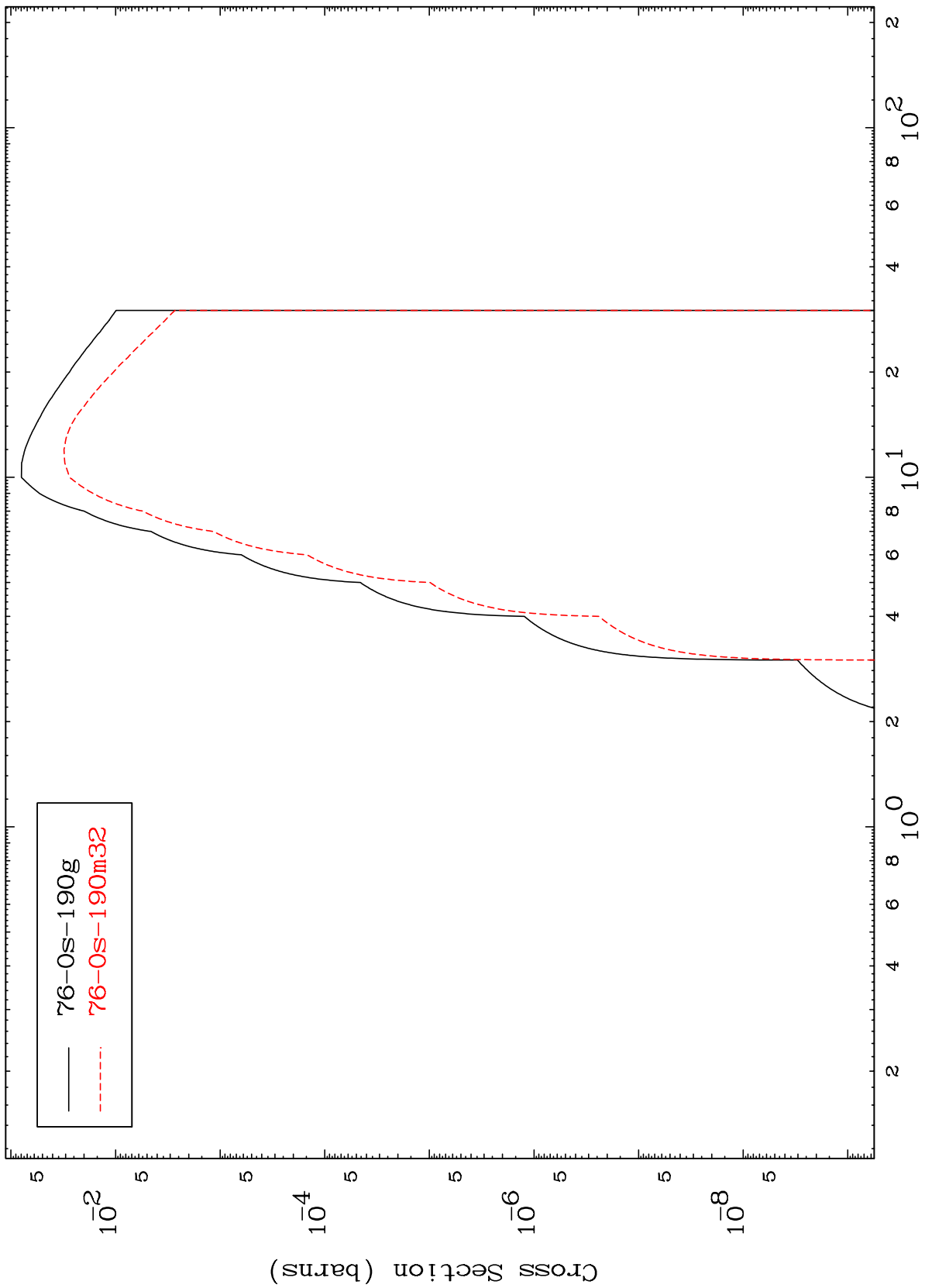
76-Os-189

Incident Energy (MeV)

MAT 7640

76-0s-189

(n,p)  
Radionuclide Production Cross Section



76-0s-189

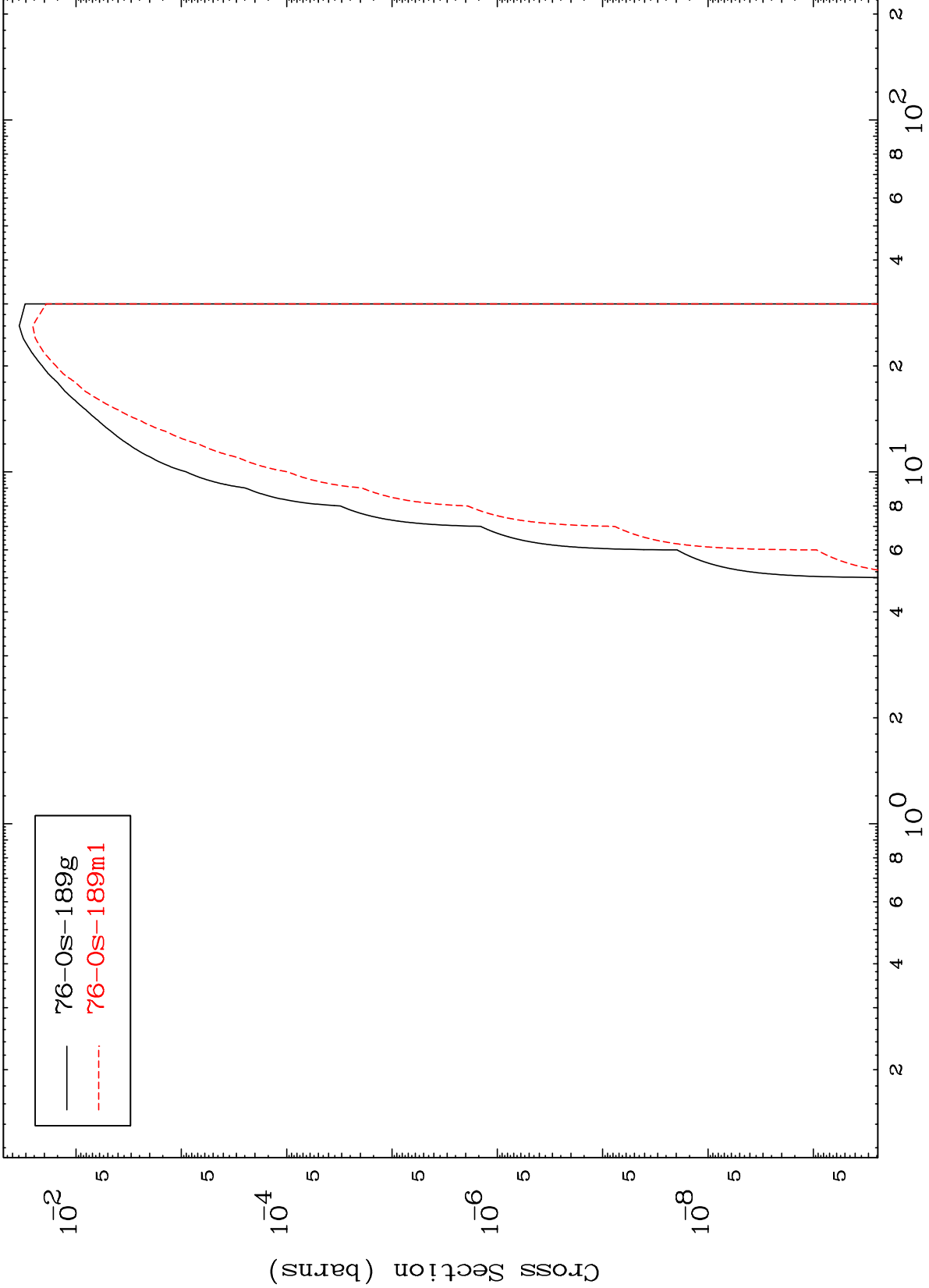
Incident Energy (MeV)

MAT 7640

(n, d)

76-Os-189

Radionuclide Production Cross Section



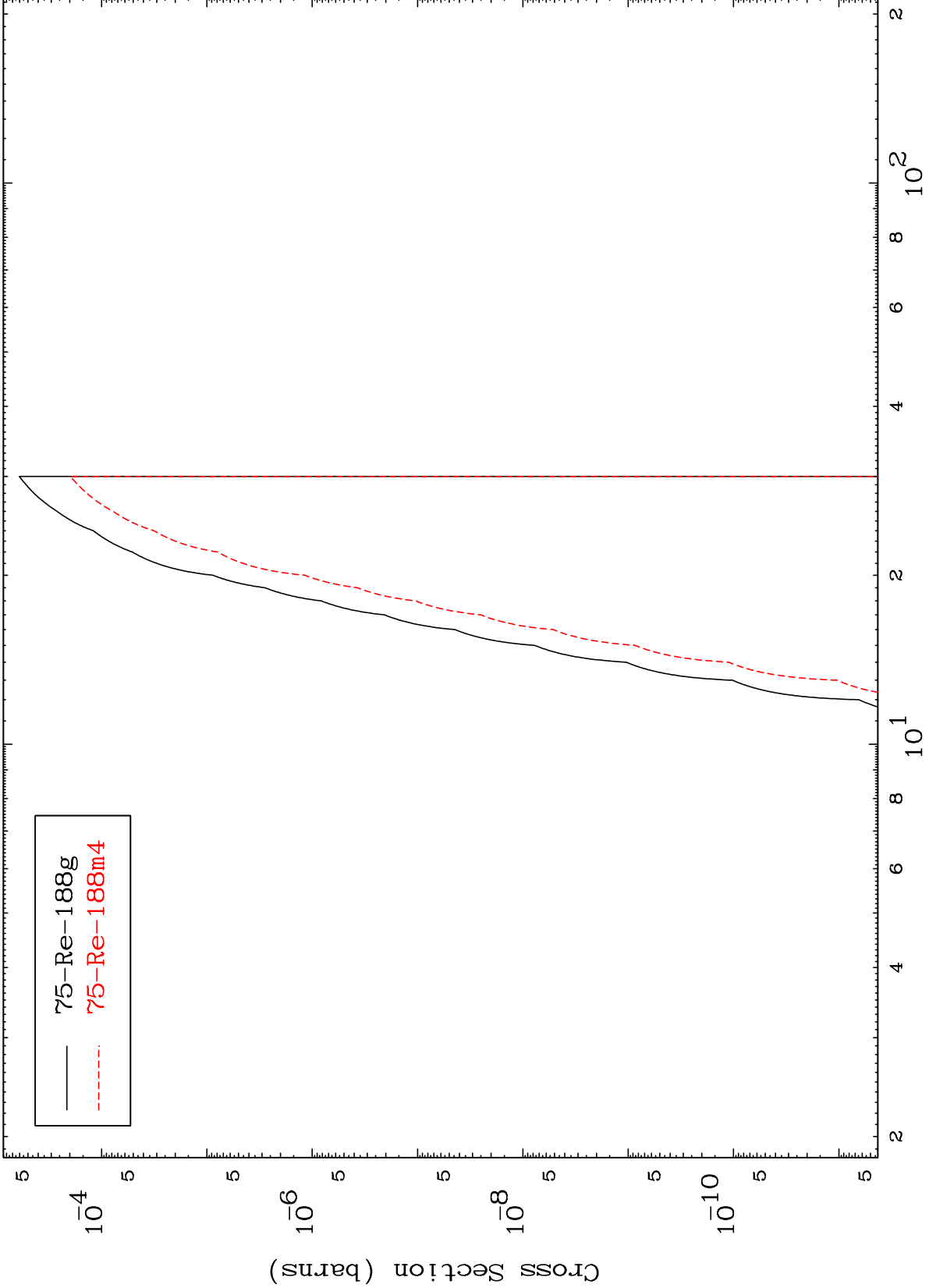
76-Os-189g  
76-Os-189m1

MAT 7640

(n,He-3)

76-Os-189

Radionuclide Production Cross Section



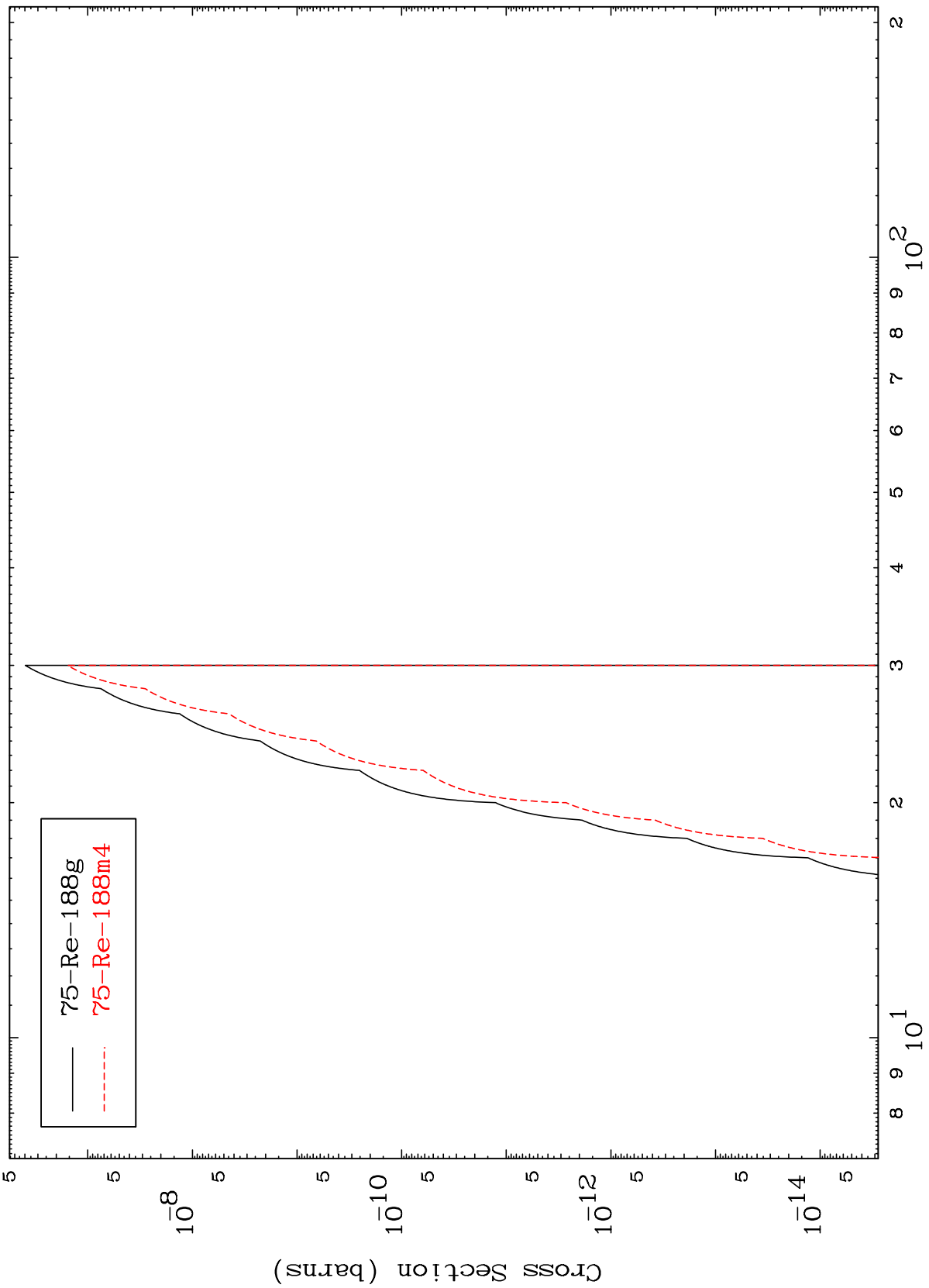
— 75-Re-188g  
- - - 75-Re-188m4

MAT 7640

(n,p) d

76-Os-189

Radionuclide Production Cross Section



24

Incident Energy (MeV)

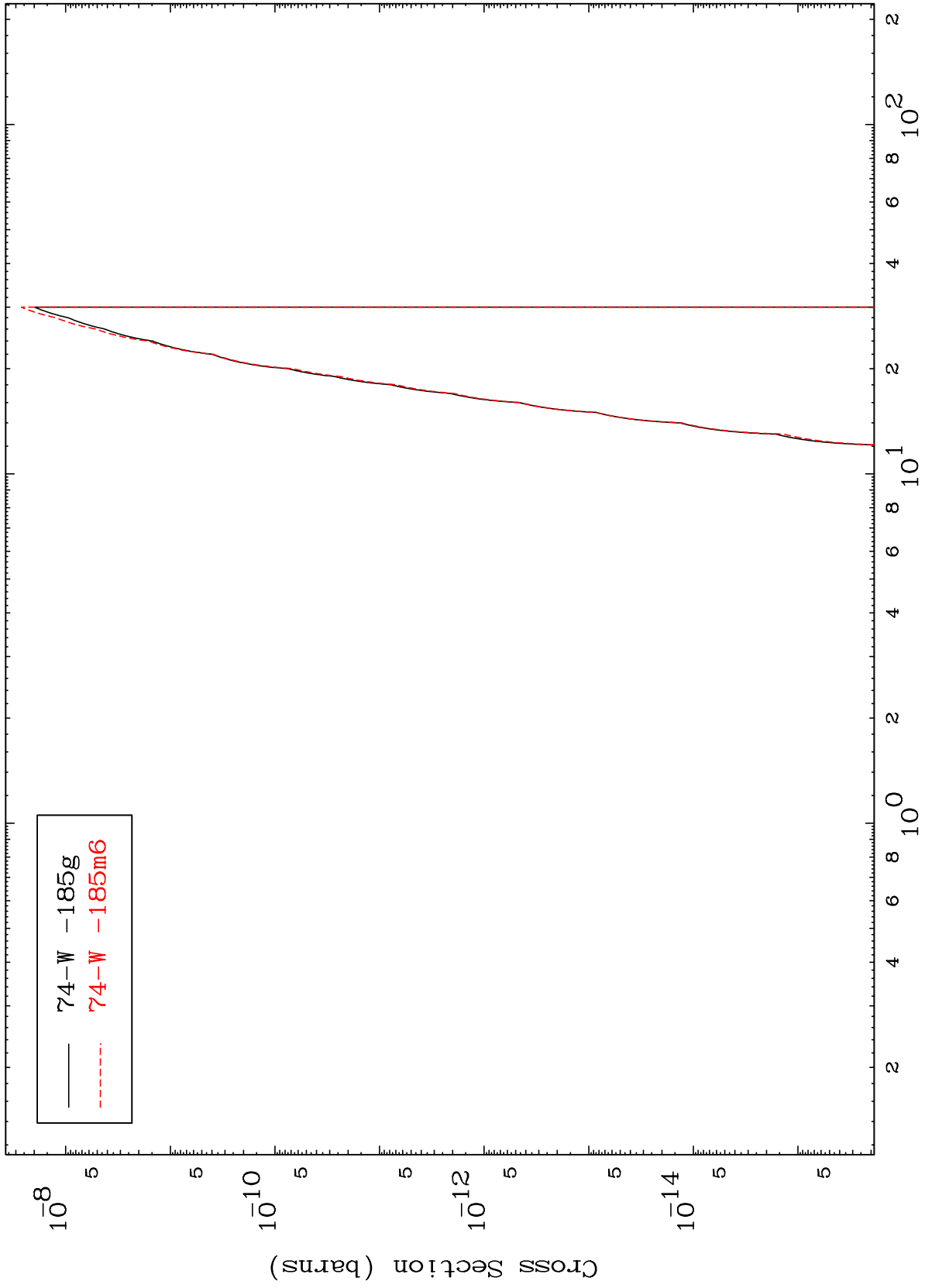
76-Os-189

MAT 7640

(n,d)  $\alpha$

76-Os-189

Radionuclide Production Cross Section



25

Incident Energy (MeV)

76-Os-189