

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

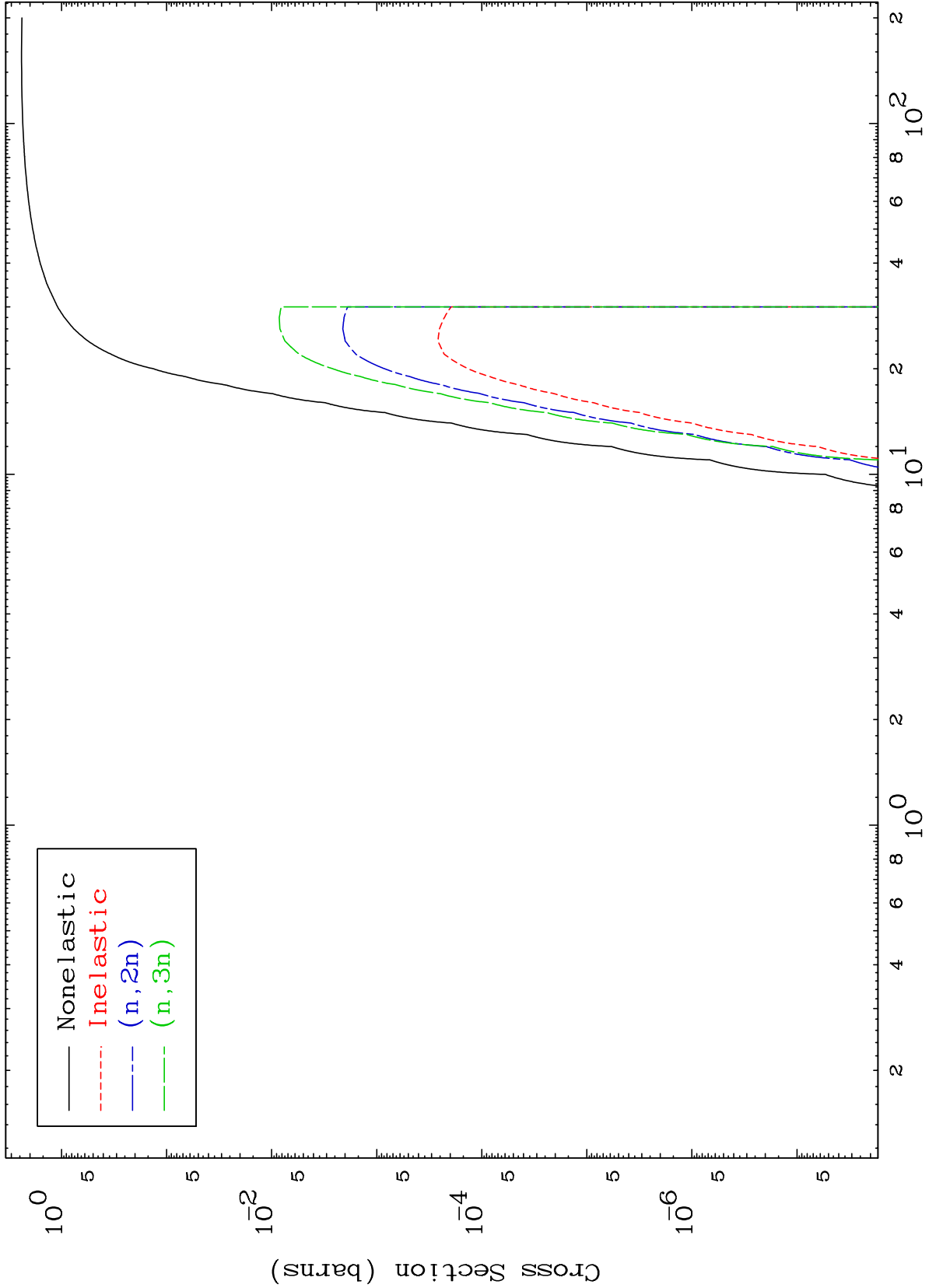
Press Mouse Button to Start

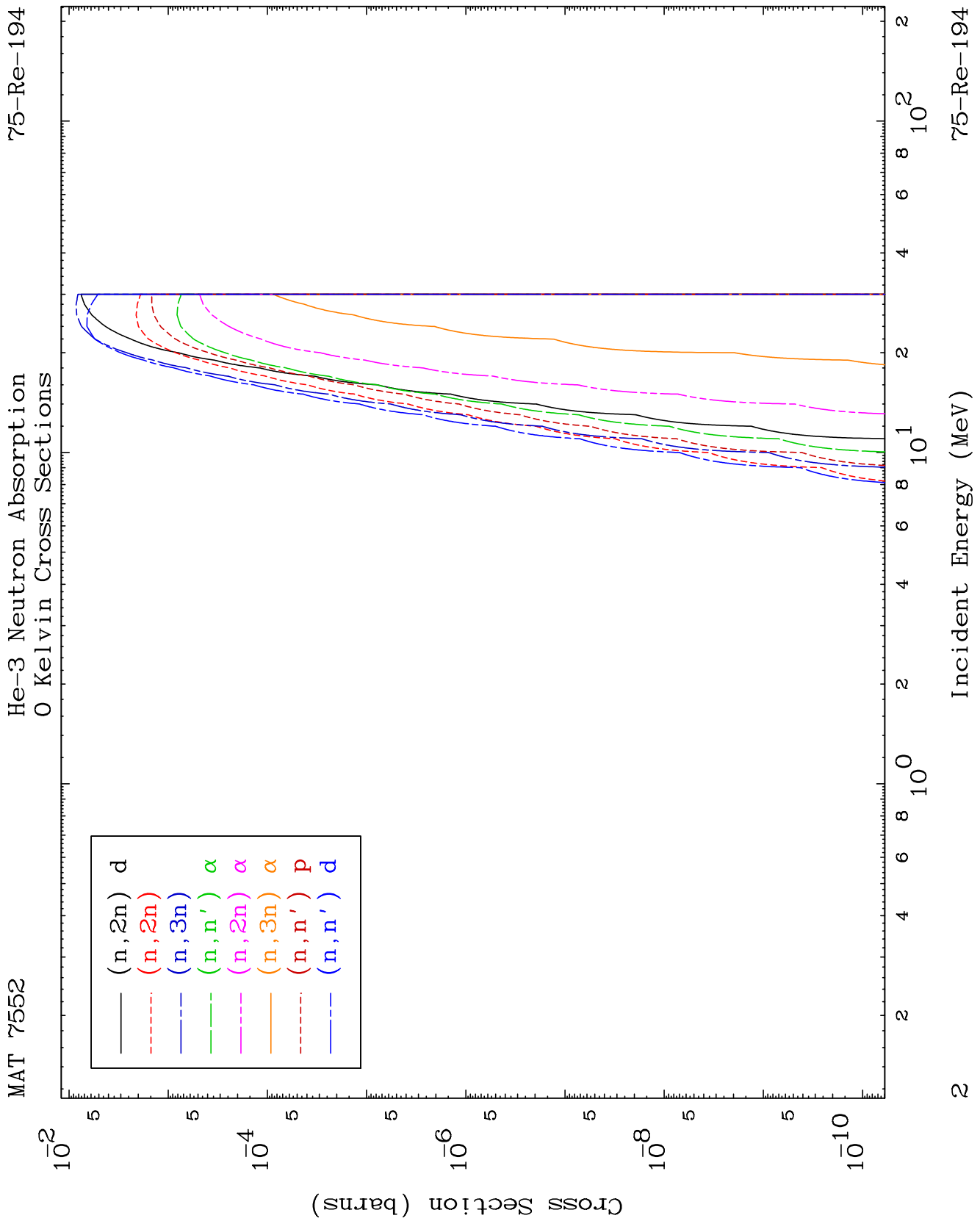
MAT 7552

He-3 Major

0 Kelvin Cross Sections

75-Re-194

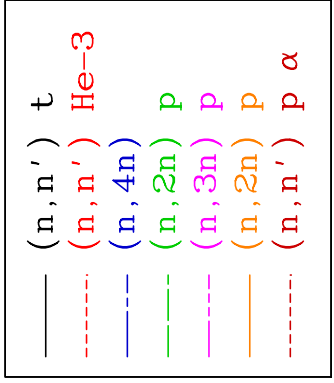
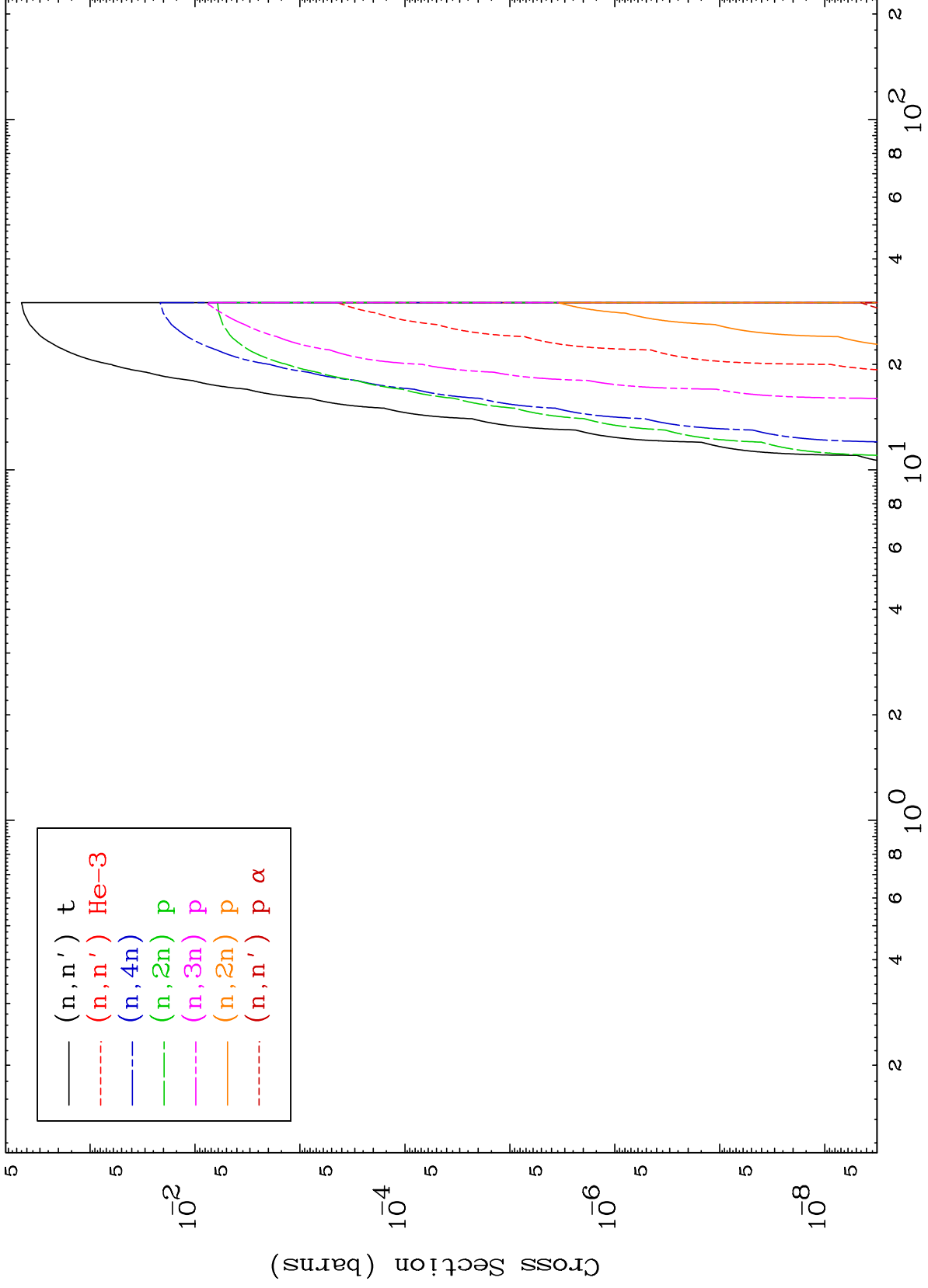




MAT 7552

He-3 Neutron Absorption  
0 Kelvin Cross Sections

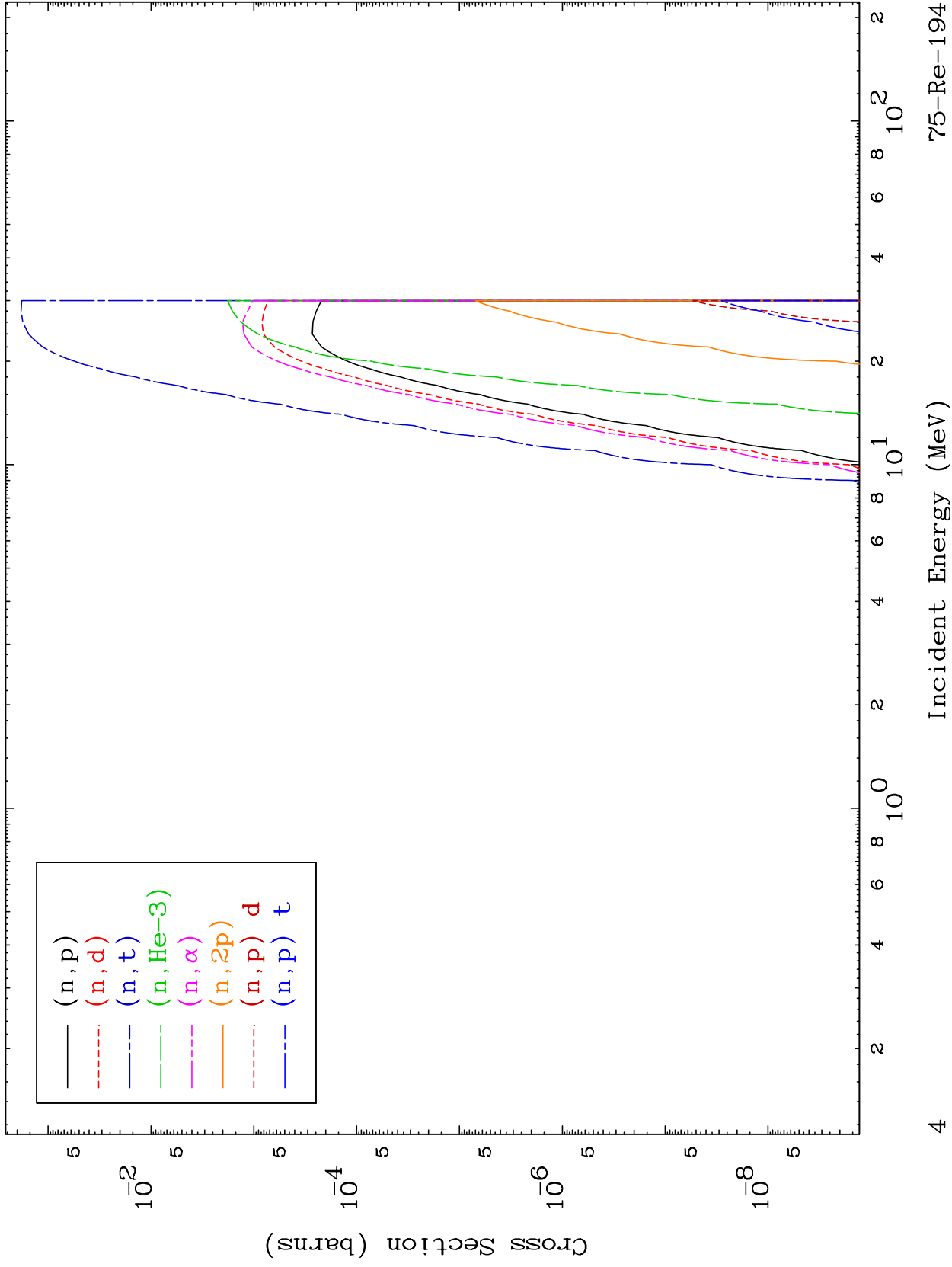
75-Re-194



MAT 7552

He-3 Neutron Absorption  
0 Kelvin Cross Sections

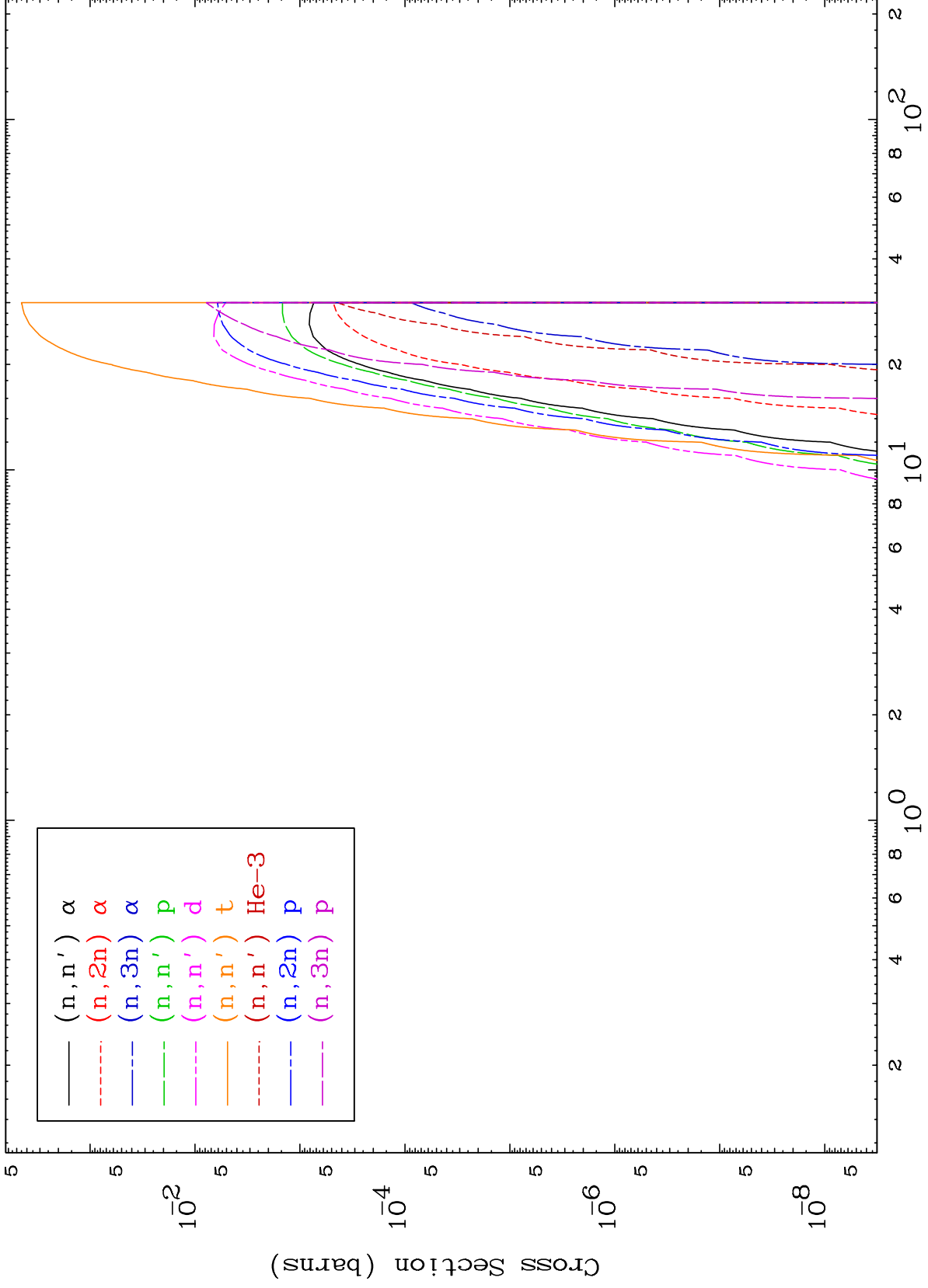
75-Re-194



MAT 7552

He-3 Charged Particle  
0 Kelvin Cross Sections

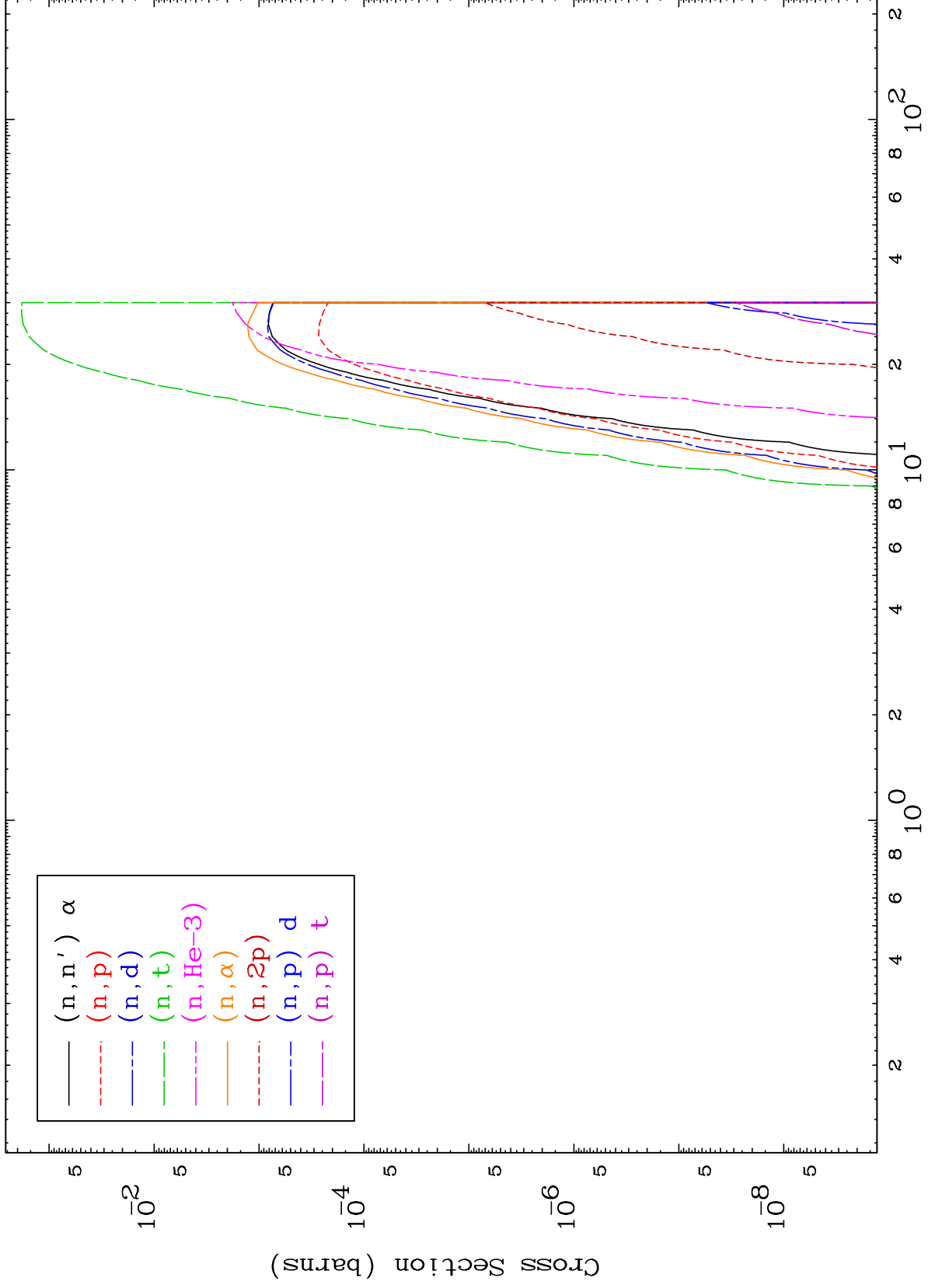
75-Re-194



MAT 7552

He-3 Charged Particle  
0 Kelvin Cross Sections

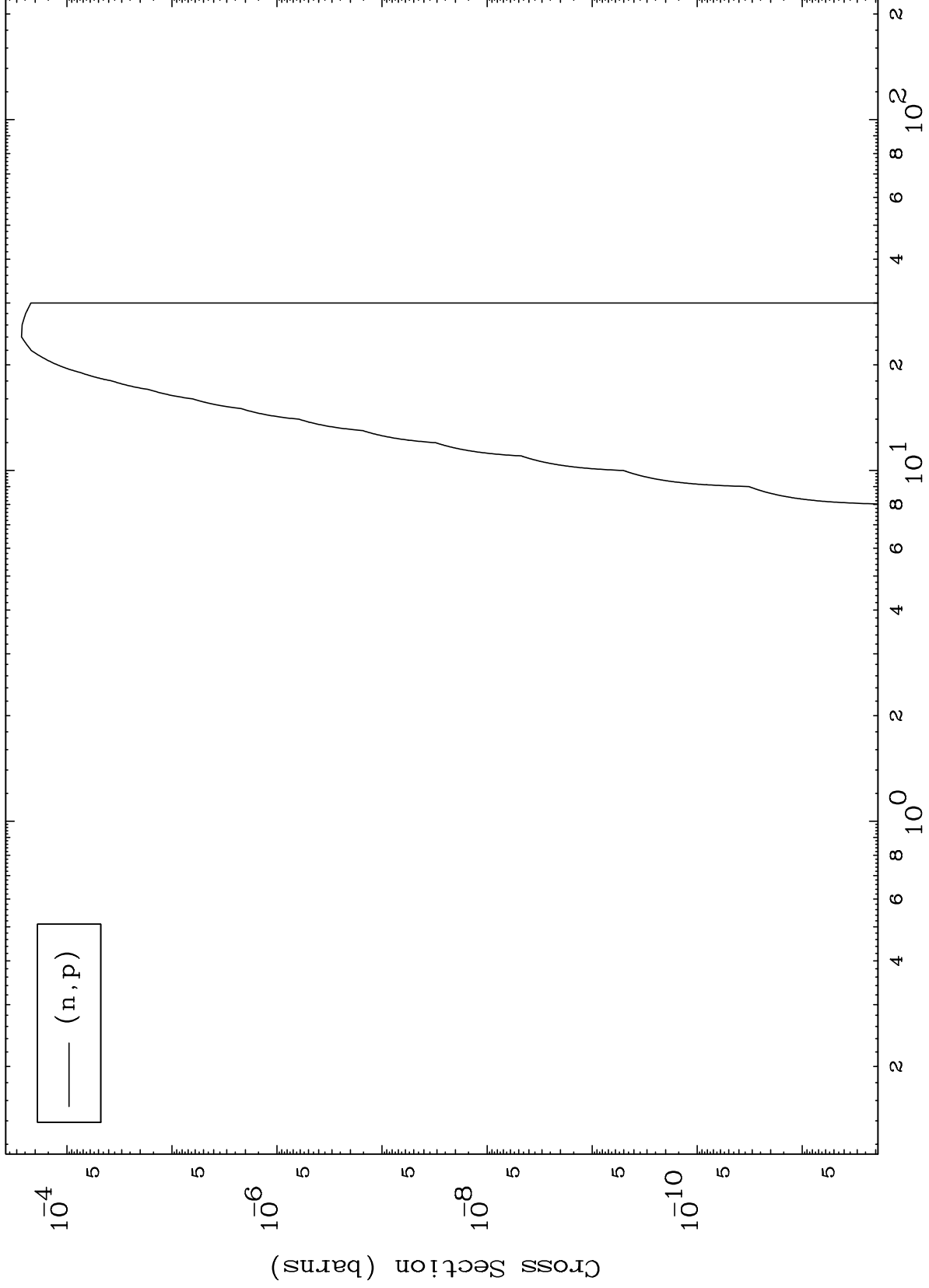
75-Re-194



MAT 7552

(He-3,p) Levels  
0 Kelvin Cross Sections

75-Re-194

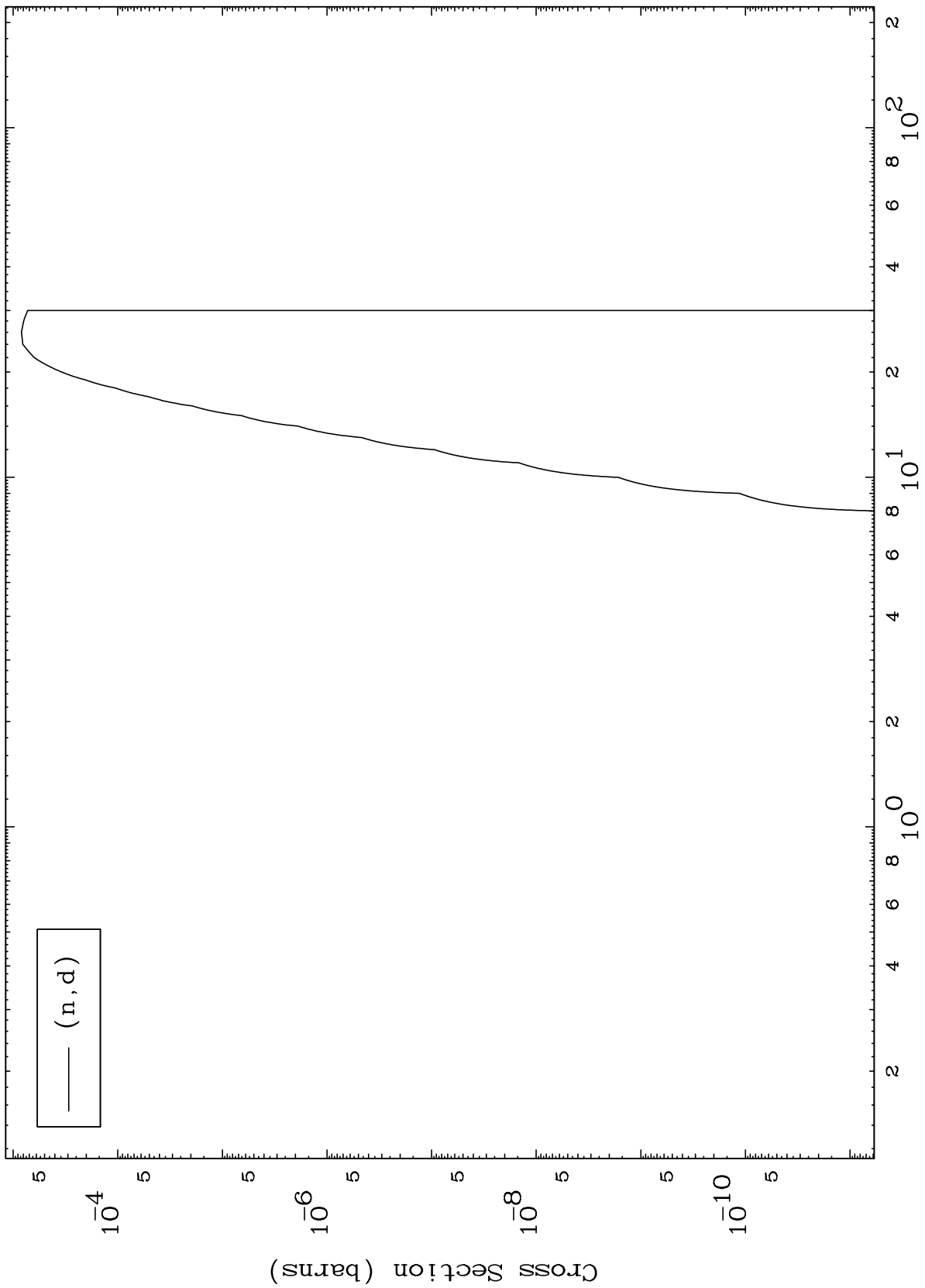


MAT 7552

(He-3,d) Levels

75-Re-194

0 Kelvin Cross Sections

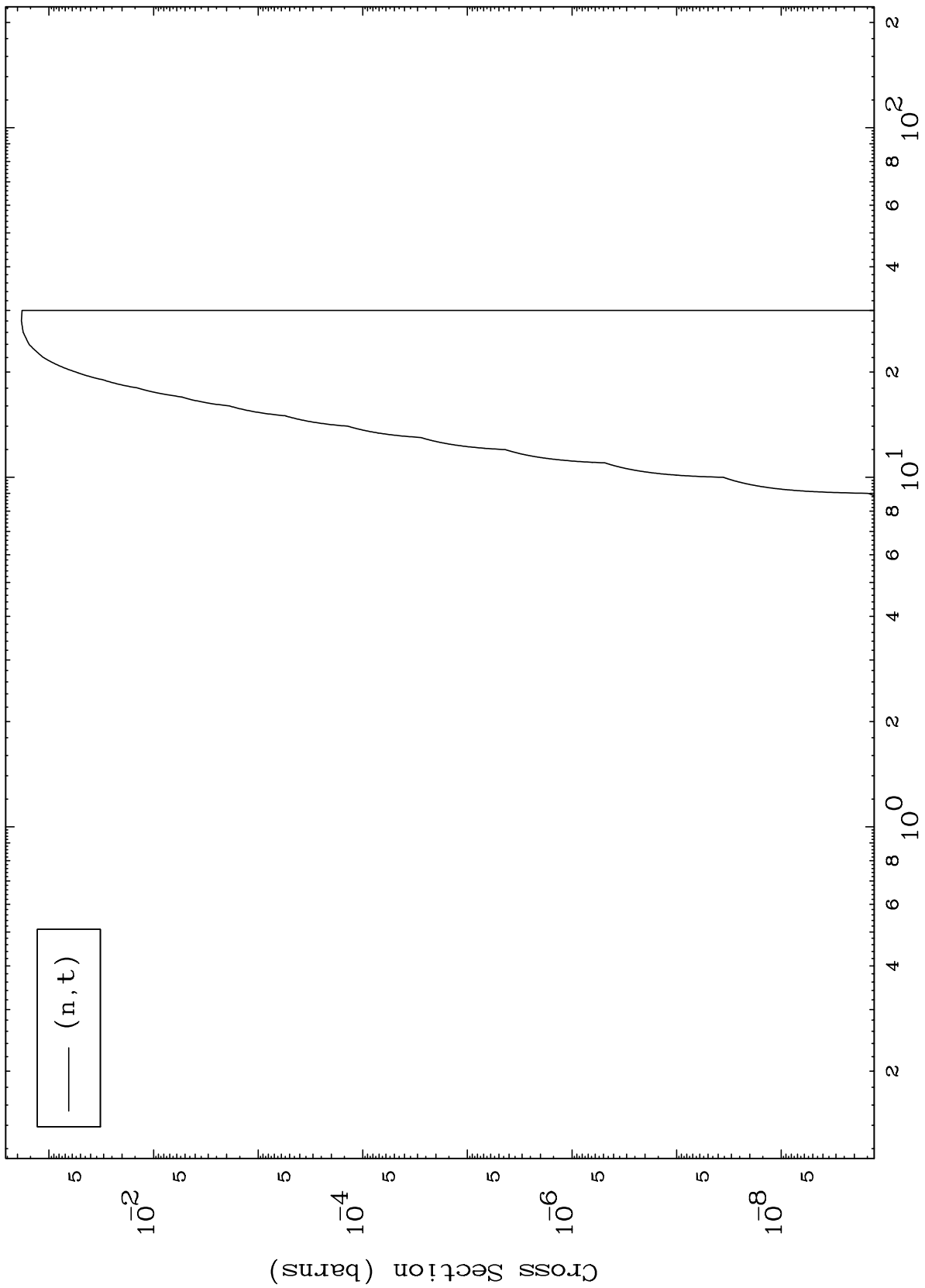


MAT 7552

(He-3,t) Levels

75-Re-194

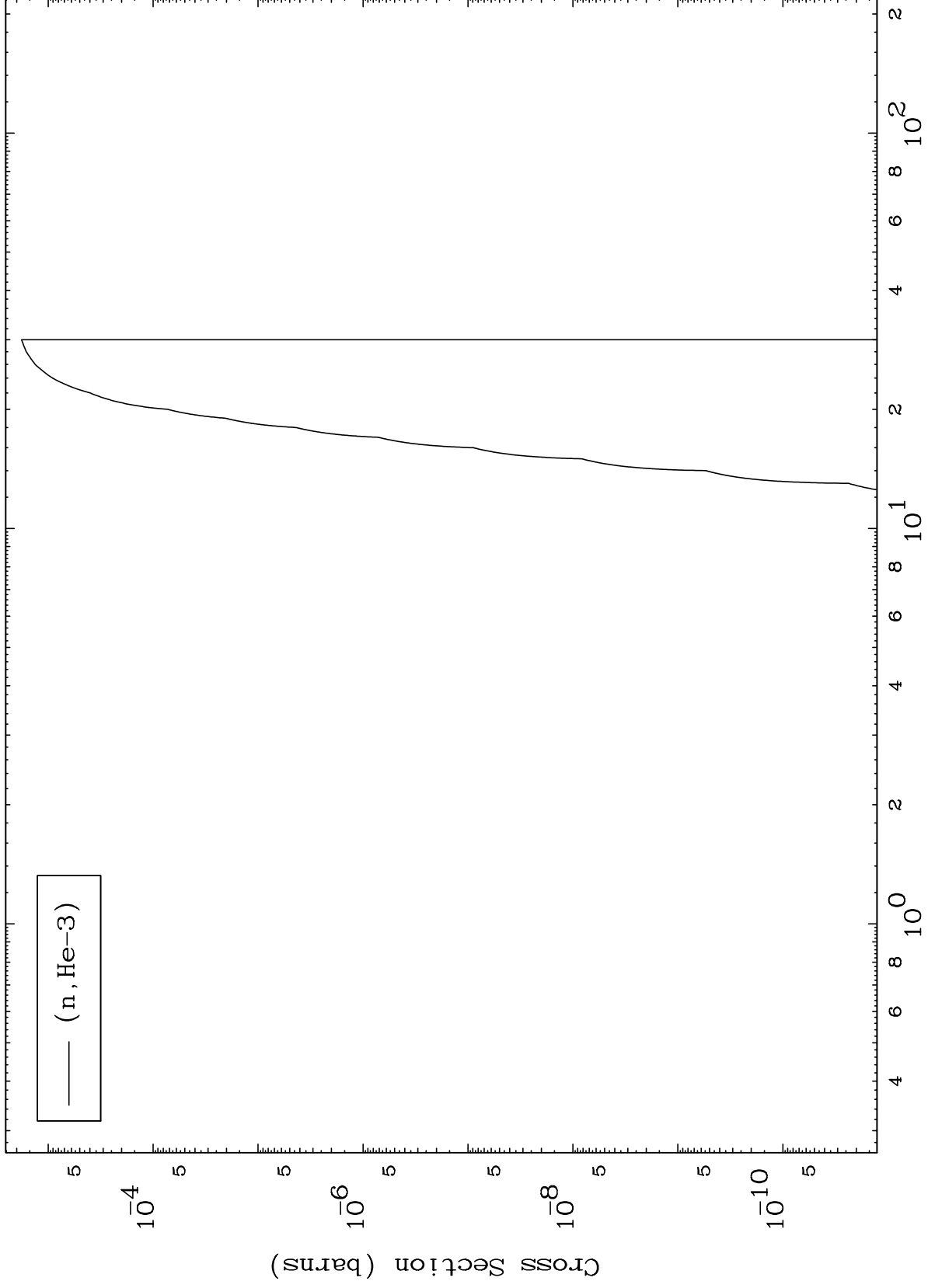
0 Kelvin Cross Sections



MAT 7552

(He-3, He3) Levels  
0 Kelvin Cross Sections

75-Re-194



10

Incident Energy (MeV)

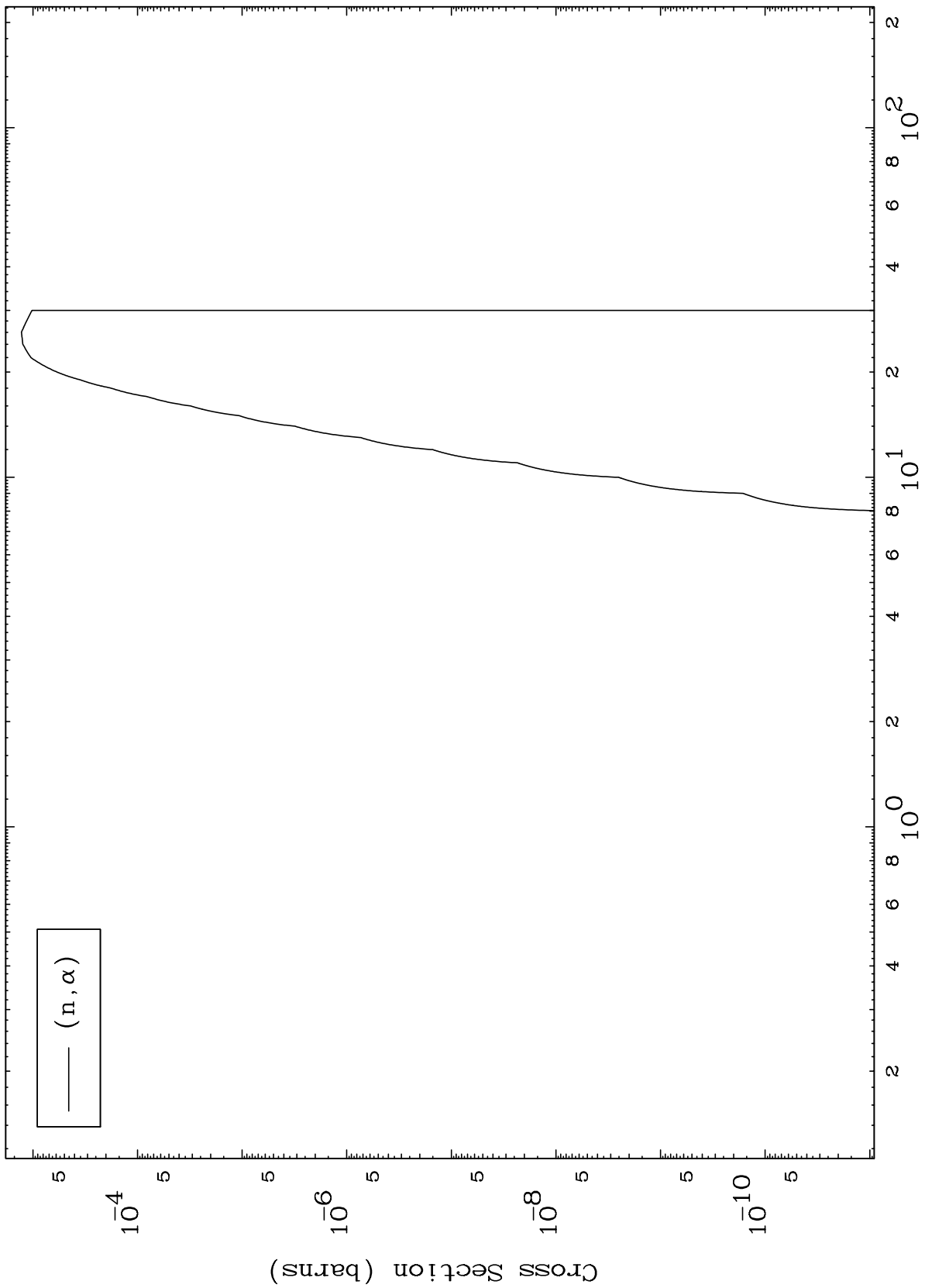
75-Re-194

MAT 7552

(He-3,  $\alpha$ ) Levels

75-Re-194

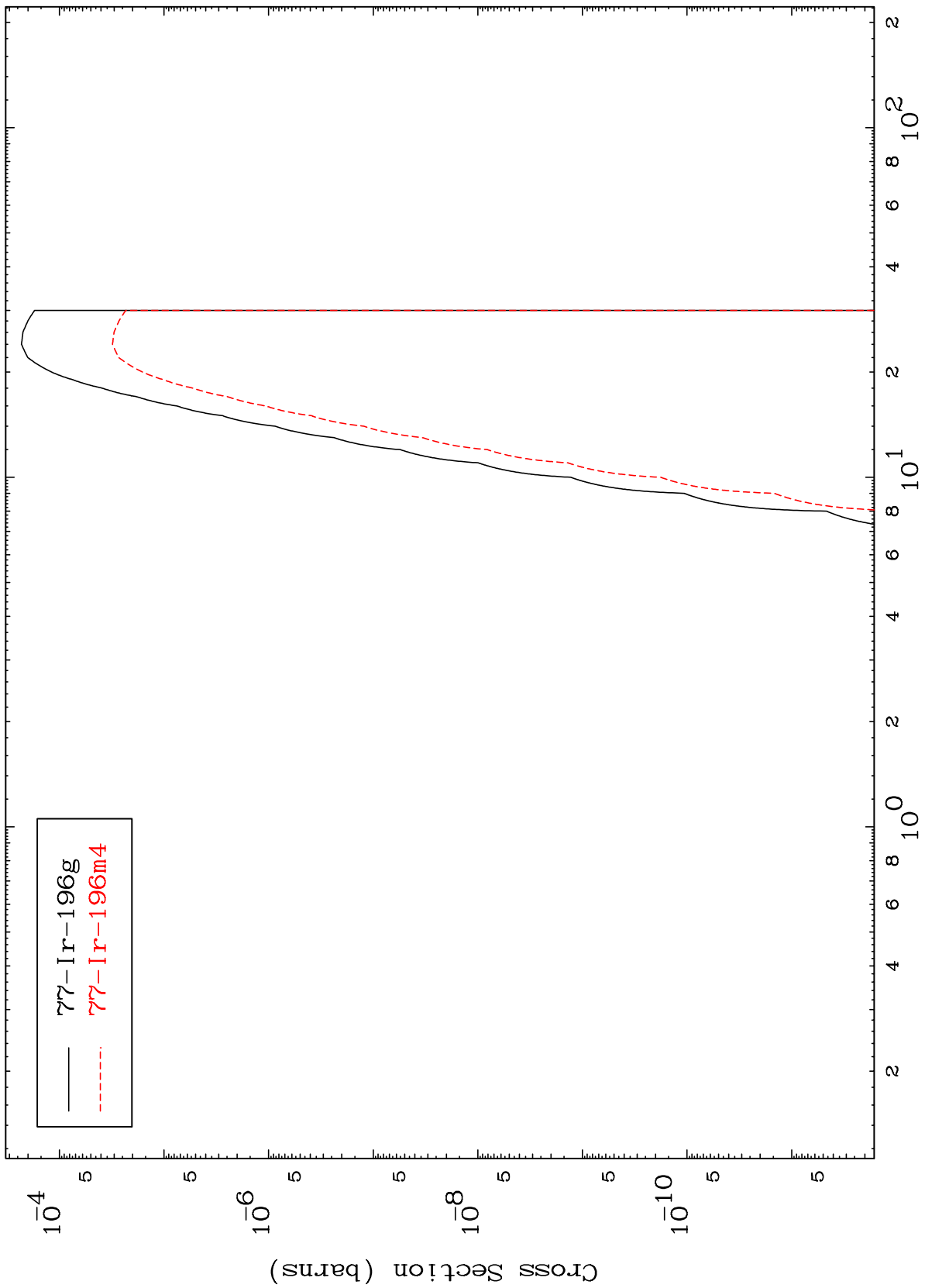
0 Kelvin Cross Sections



MAT 7552

75-Re-194

Inelastic  
Radionuclide Production Cross Section



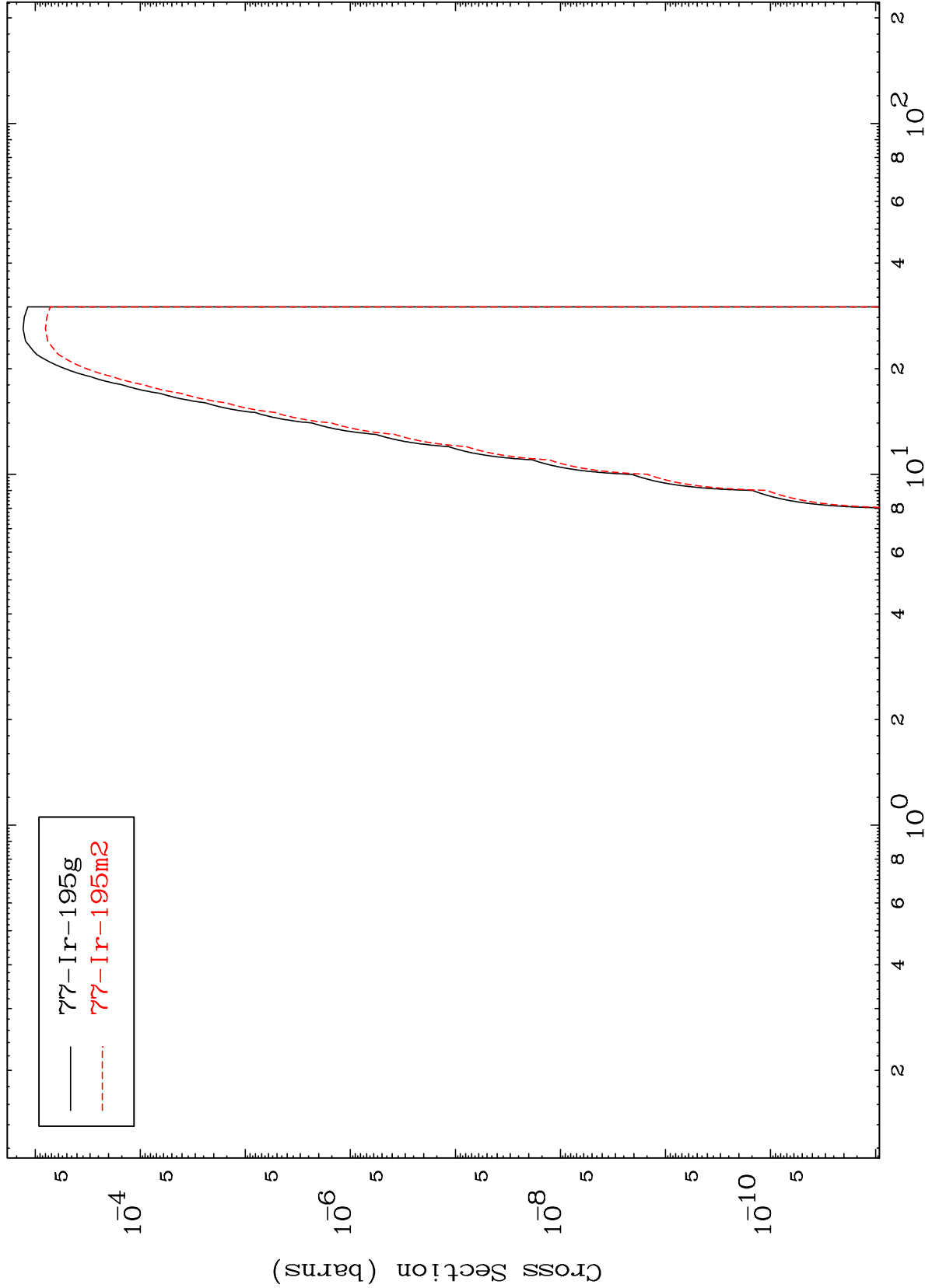
—  $^{77}\text{Ir-196g}$   
- - -  $^{77}\text{Ir-196m4}$

MAT 7552

(n,2n)

75-Re-194

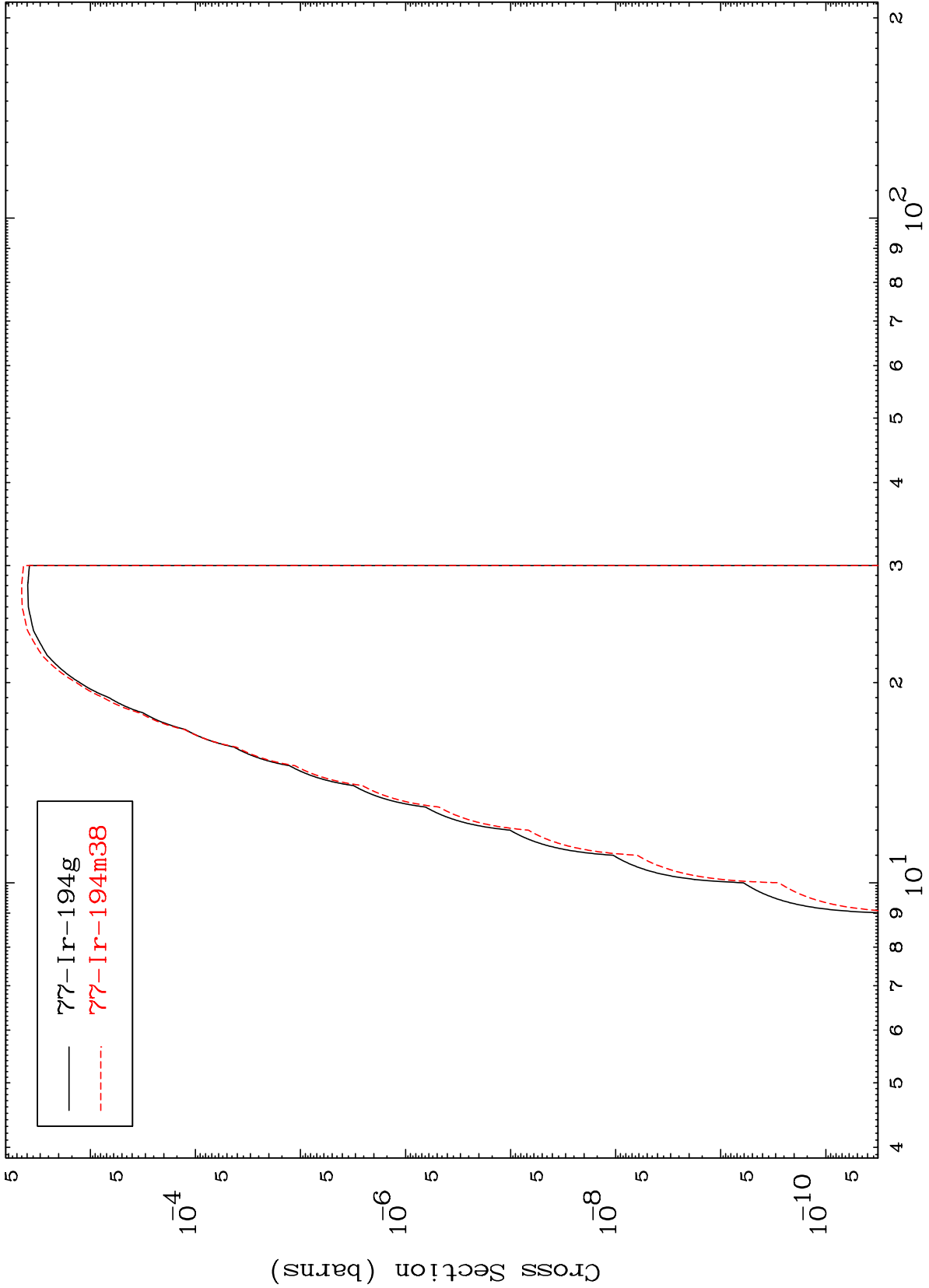
Radionuclide Production Cross Section



MAT 7552

75-Re-194

(n, 3n)  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

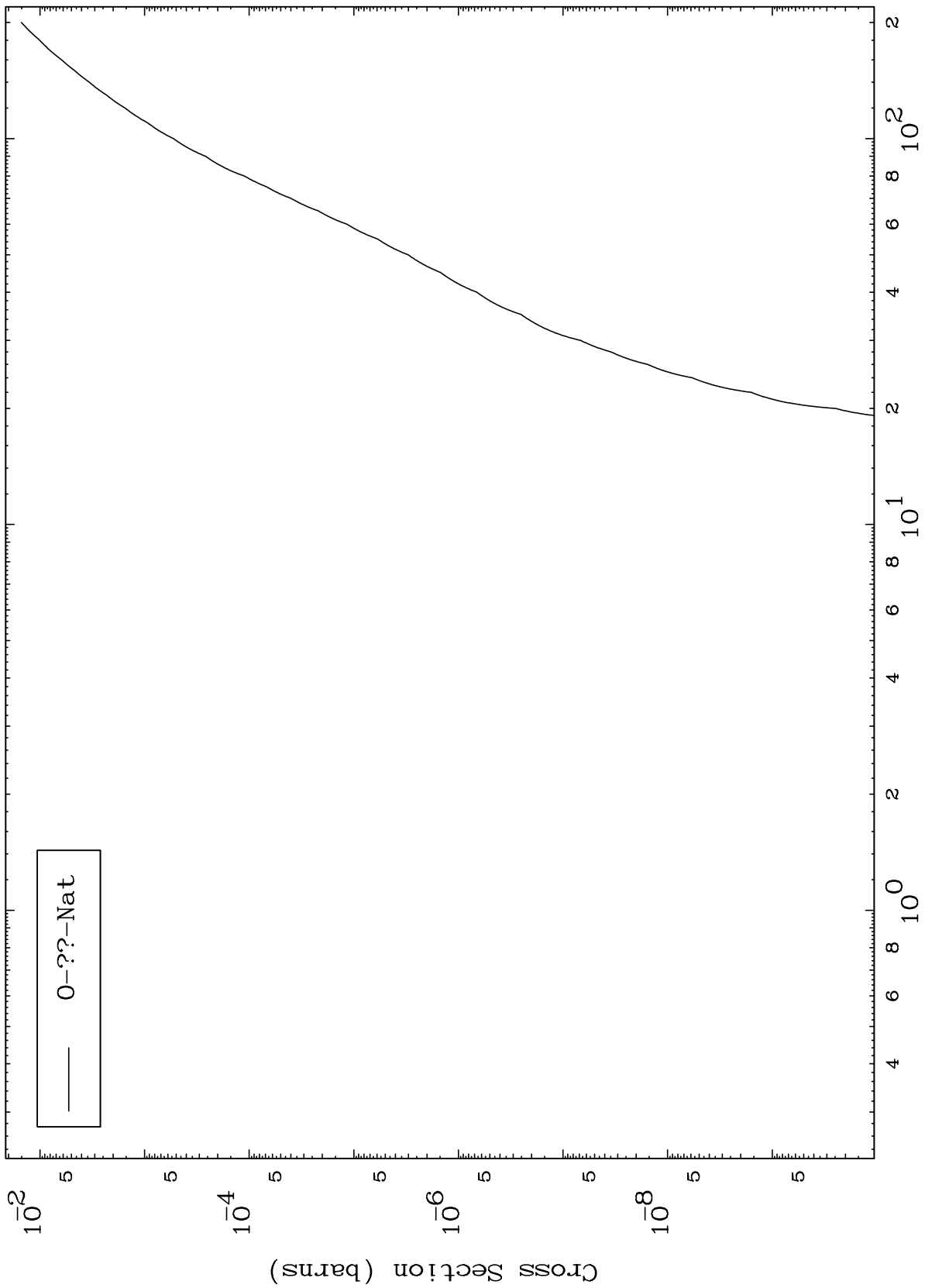
75-Re-194

MAT 7552

Fission

<sup>75</sup>Re-194

Radionuclide Production Cross Section

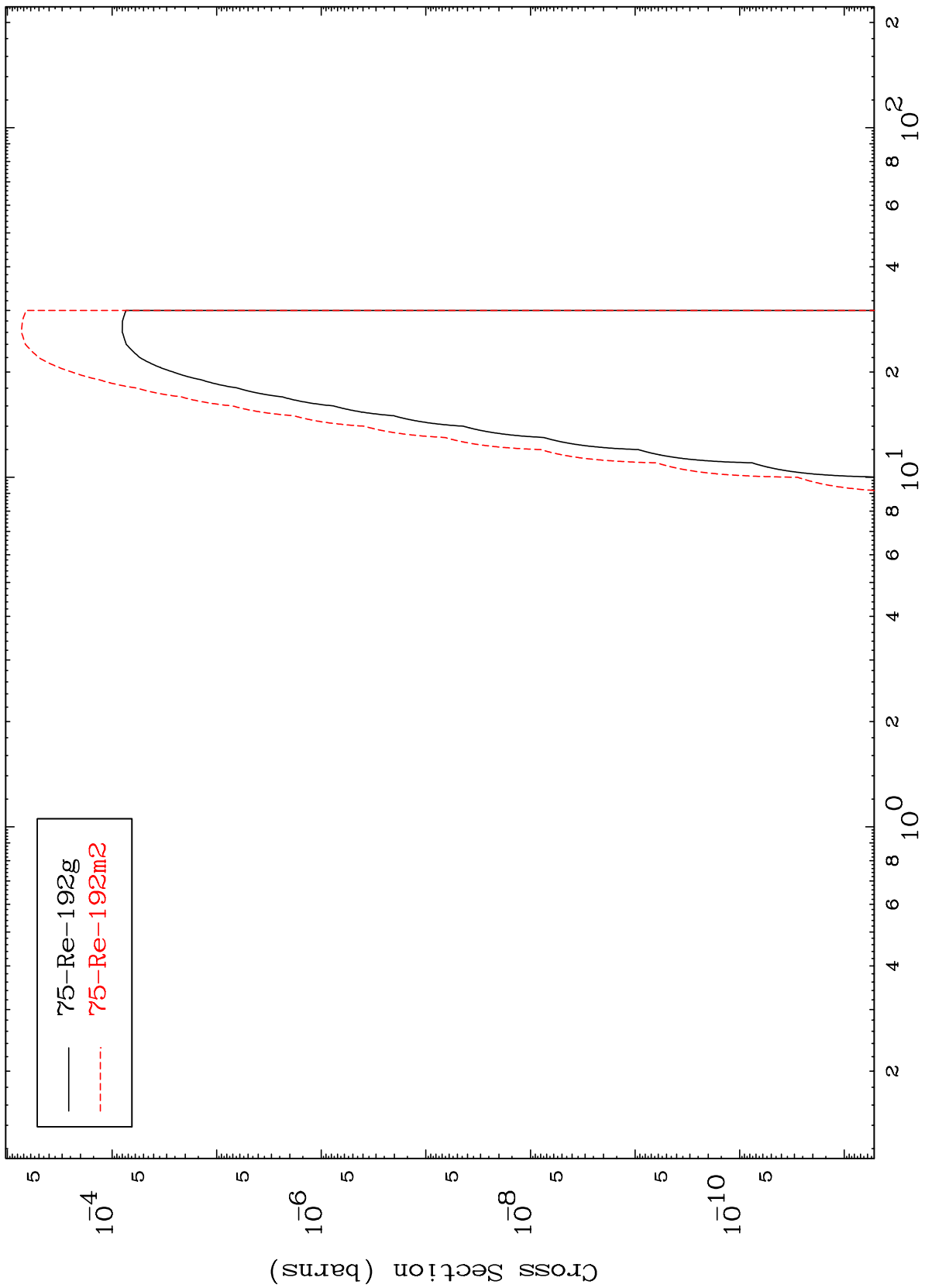


MAT 7552

$(n, n') \alpha$

75-Re-194

Radionuclide Production Cross Section



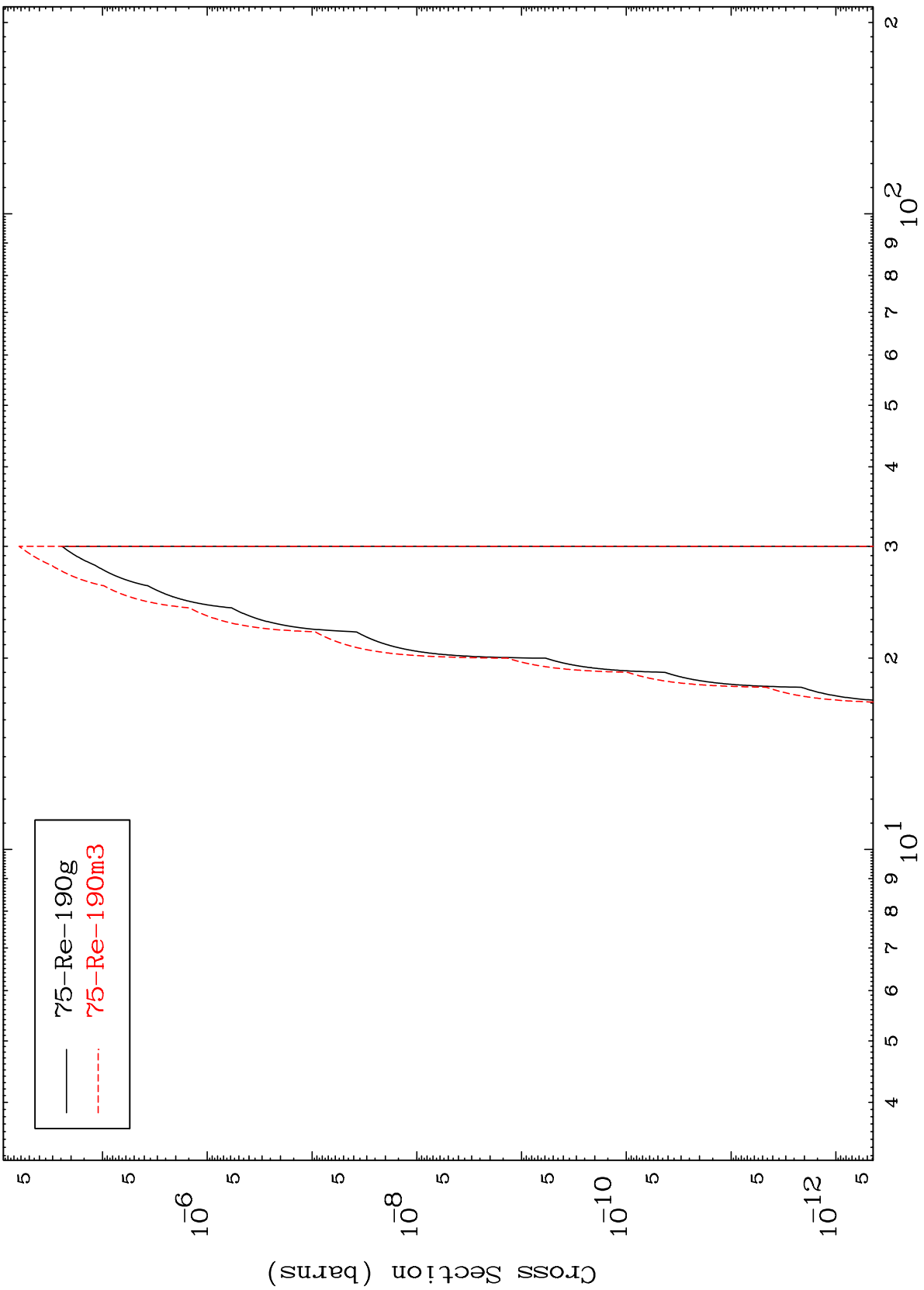
— 75-Re-192g  
- - - 75-Re-192m2

MAT 7552

$(n,3n) \alpha$

75-Re-194

Radionuclide Production Cross Section



17

Incident Energy (MeV)

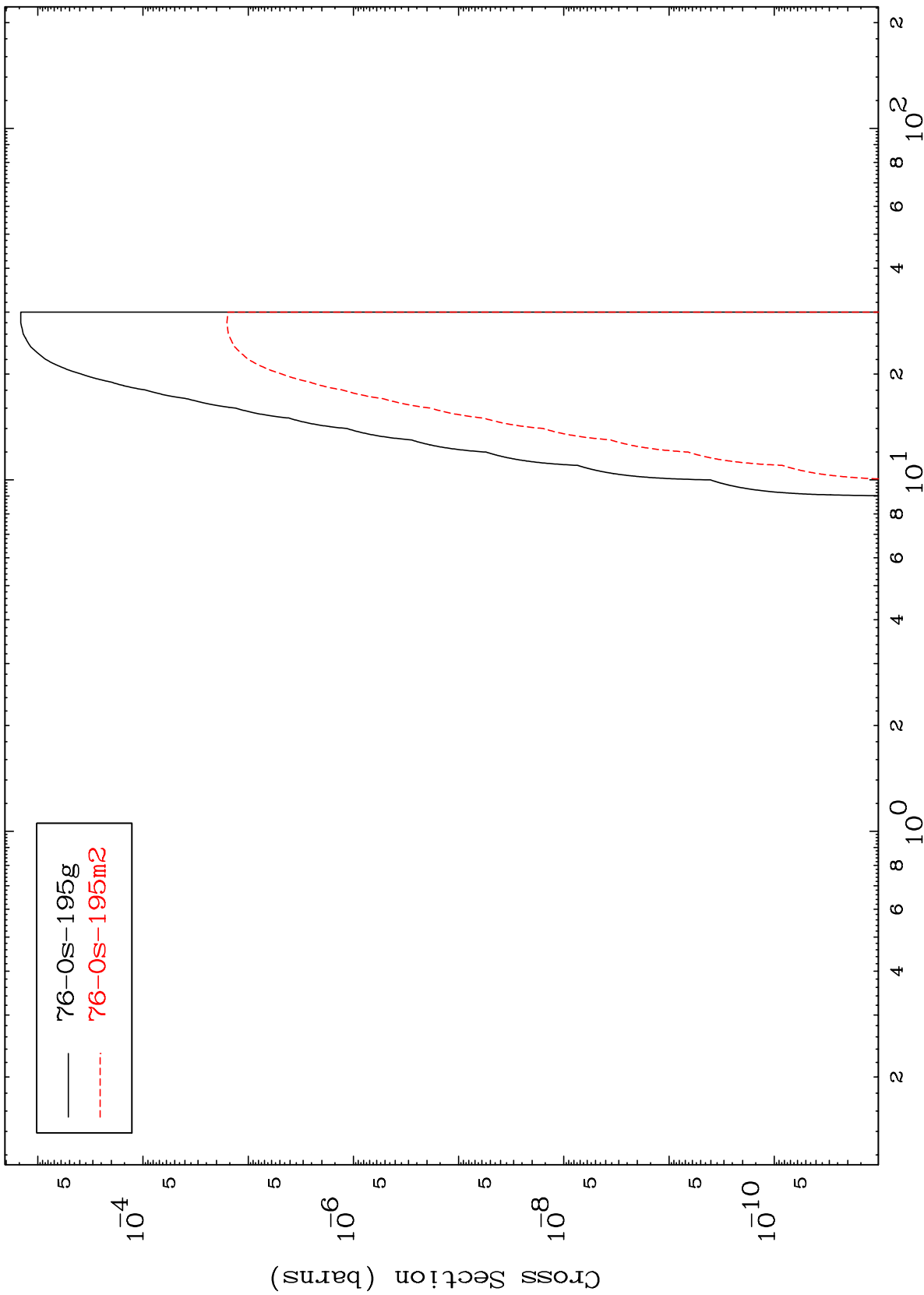
75-Re-194

MAT 7552

(n,n') p

75-Re-194

Radionuclide Production Cross Section

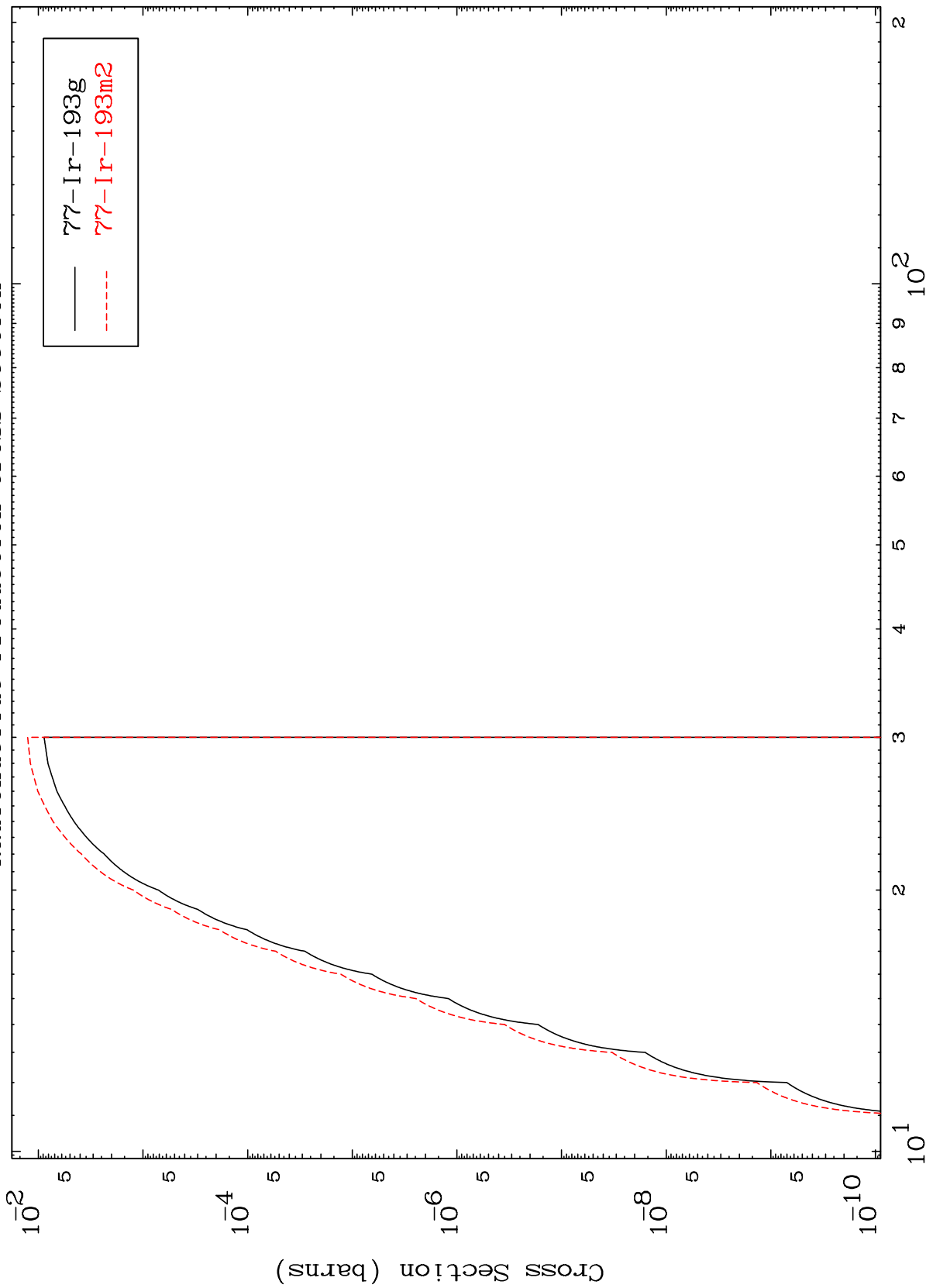


76-0s-195g  
76-0s-195m2

MAT 7552

75-Re-194

(n,4n)  
Radionuclide Production Cross Section



75-Re-194

Incident Energy (MeV)

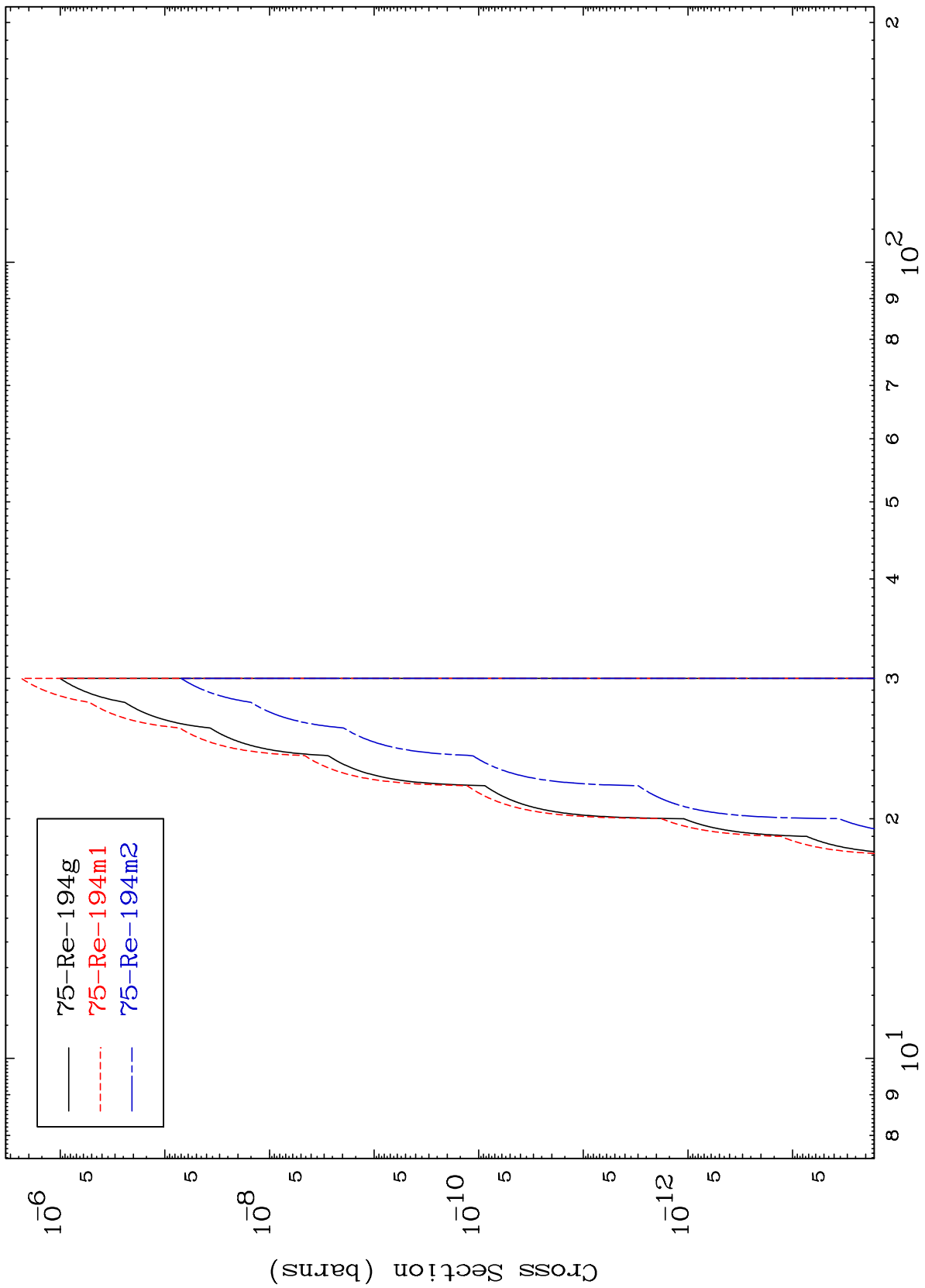
19

MAT 7552

(n,2n) p

75-Re-194

Radionuclide Production Cross Section



20

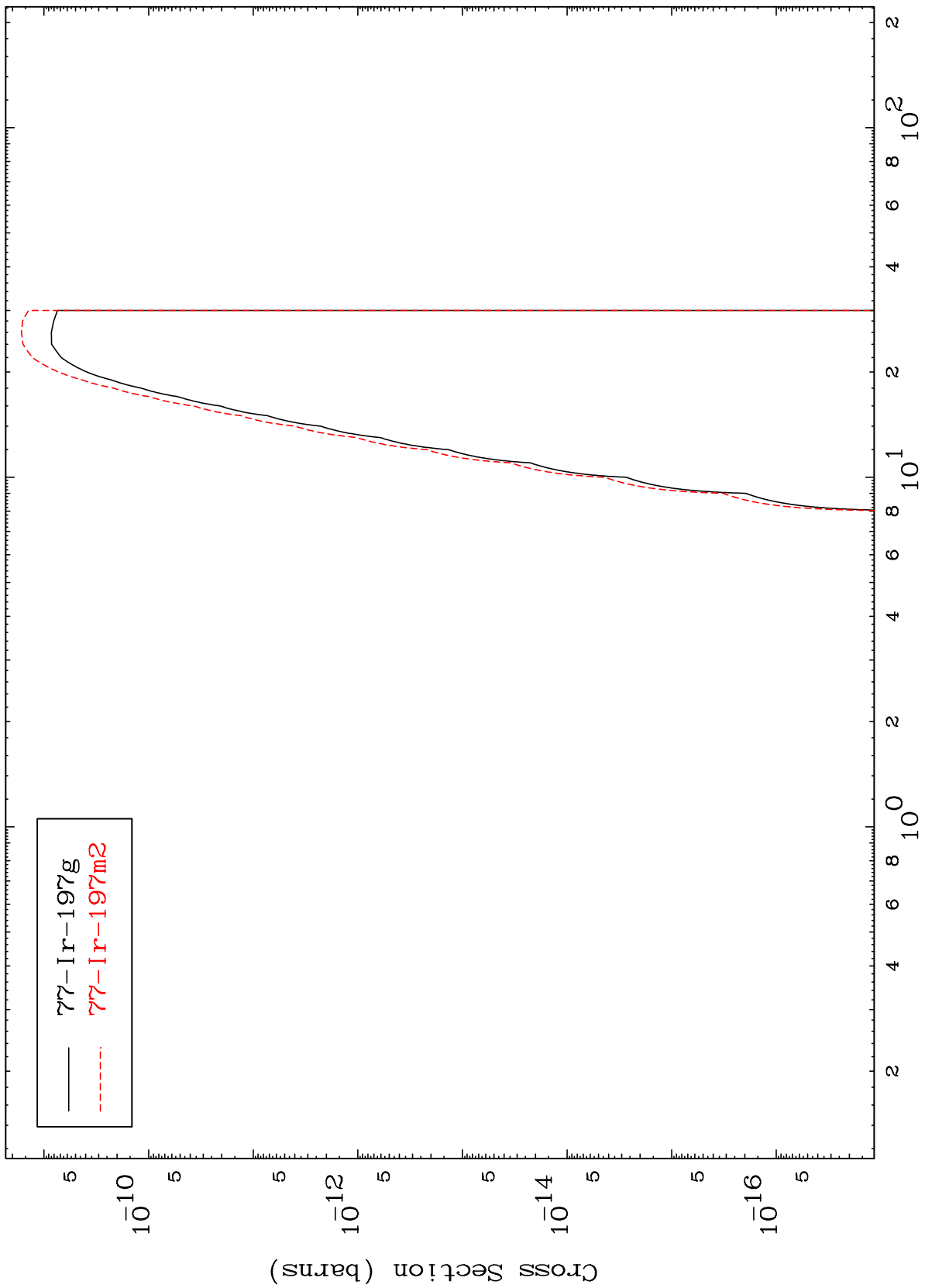
Incident Energy (MeV)

75-Re-194

MAT 7552

75-Re-194

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



75-Re-194

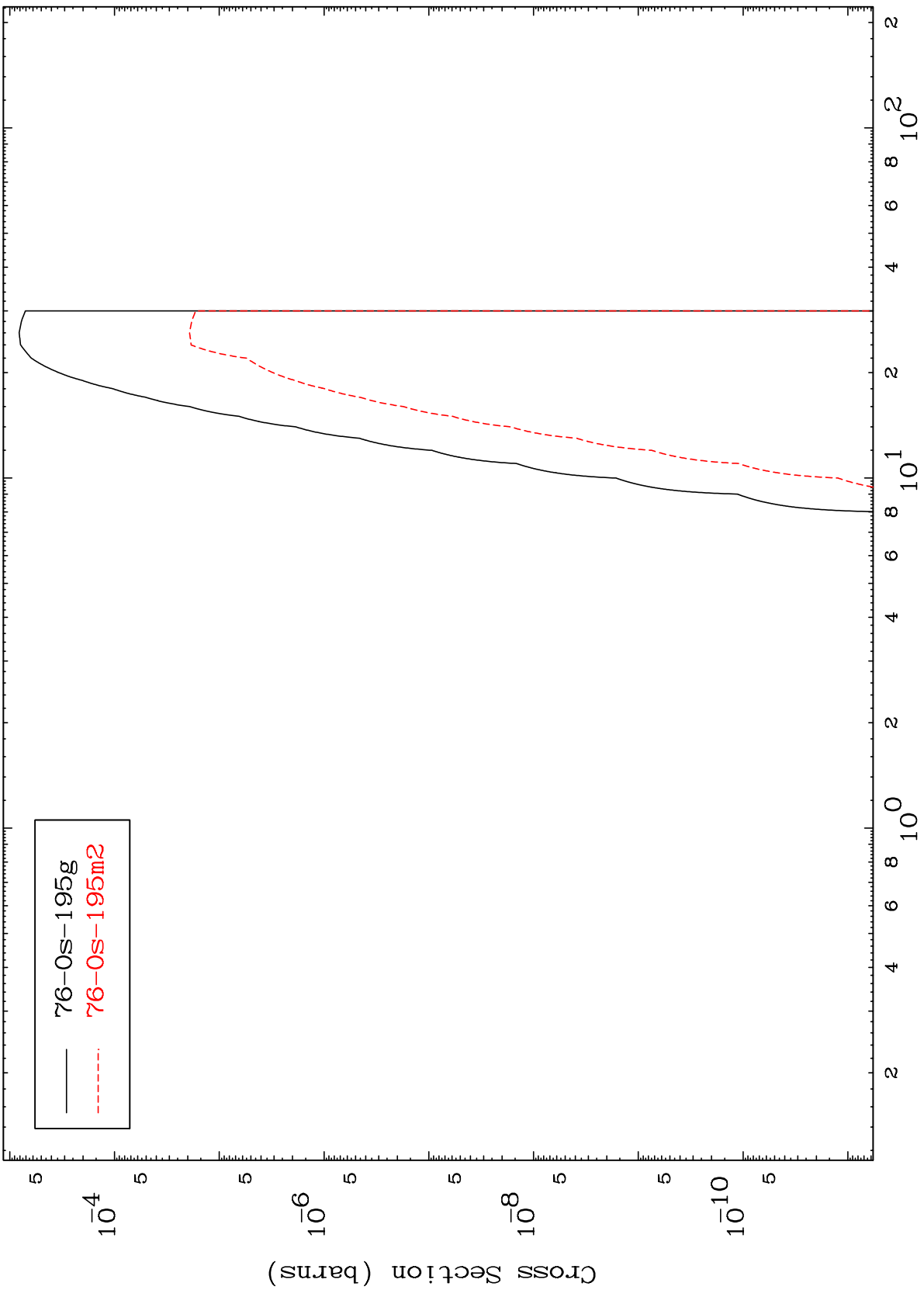
Incident Energy (MeV)

MAT 7552

(n,d)

75-Re-194

Radionuclide Production Cross Section

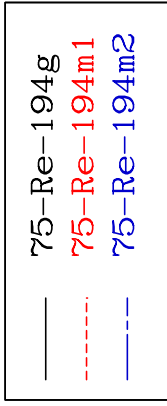
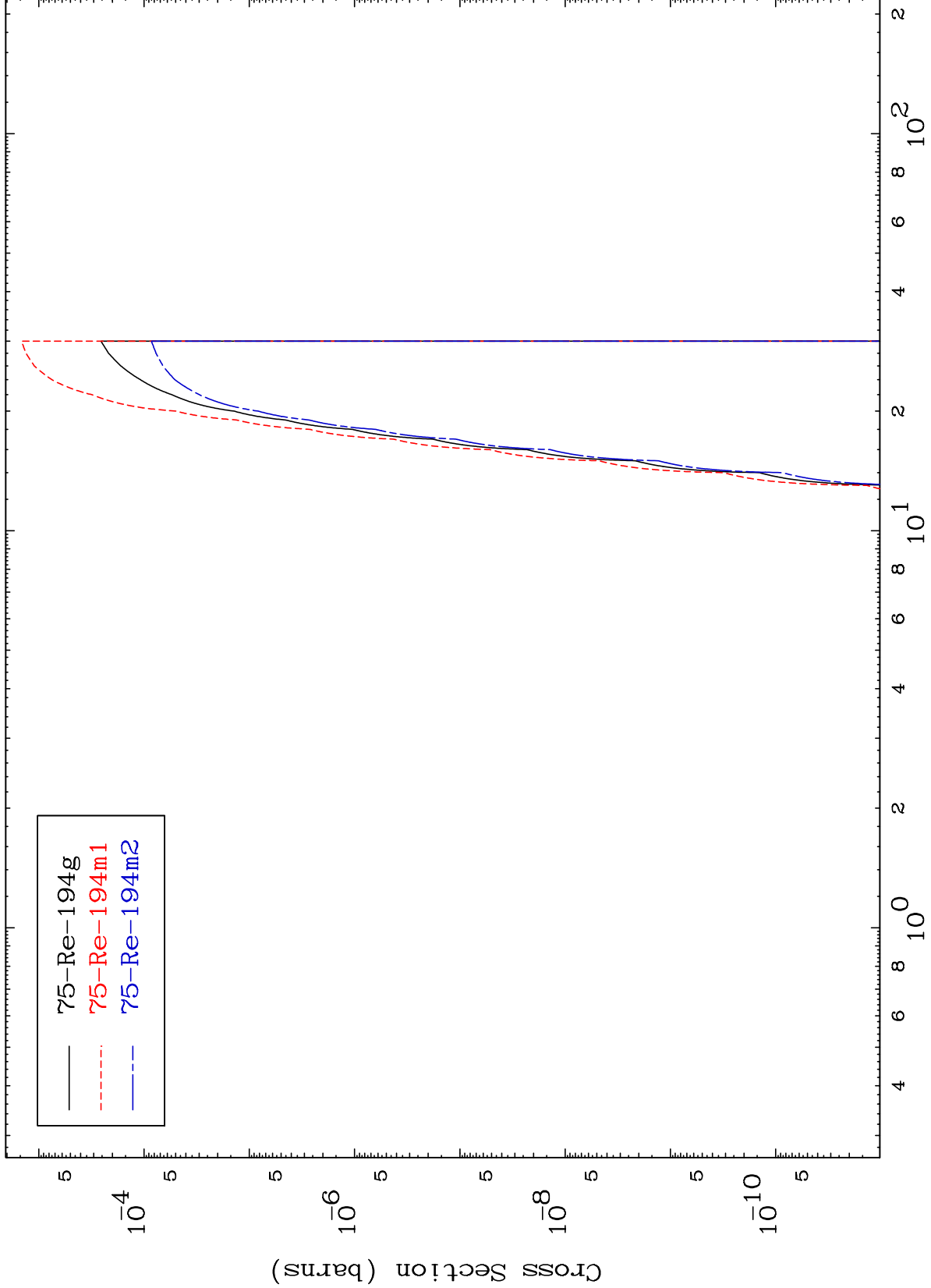


MAT 7552

(n,He-3)

75-Re-194

Radionuclide Production Cross Section

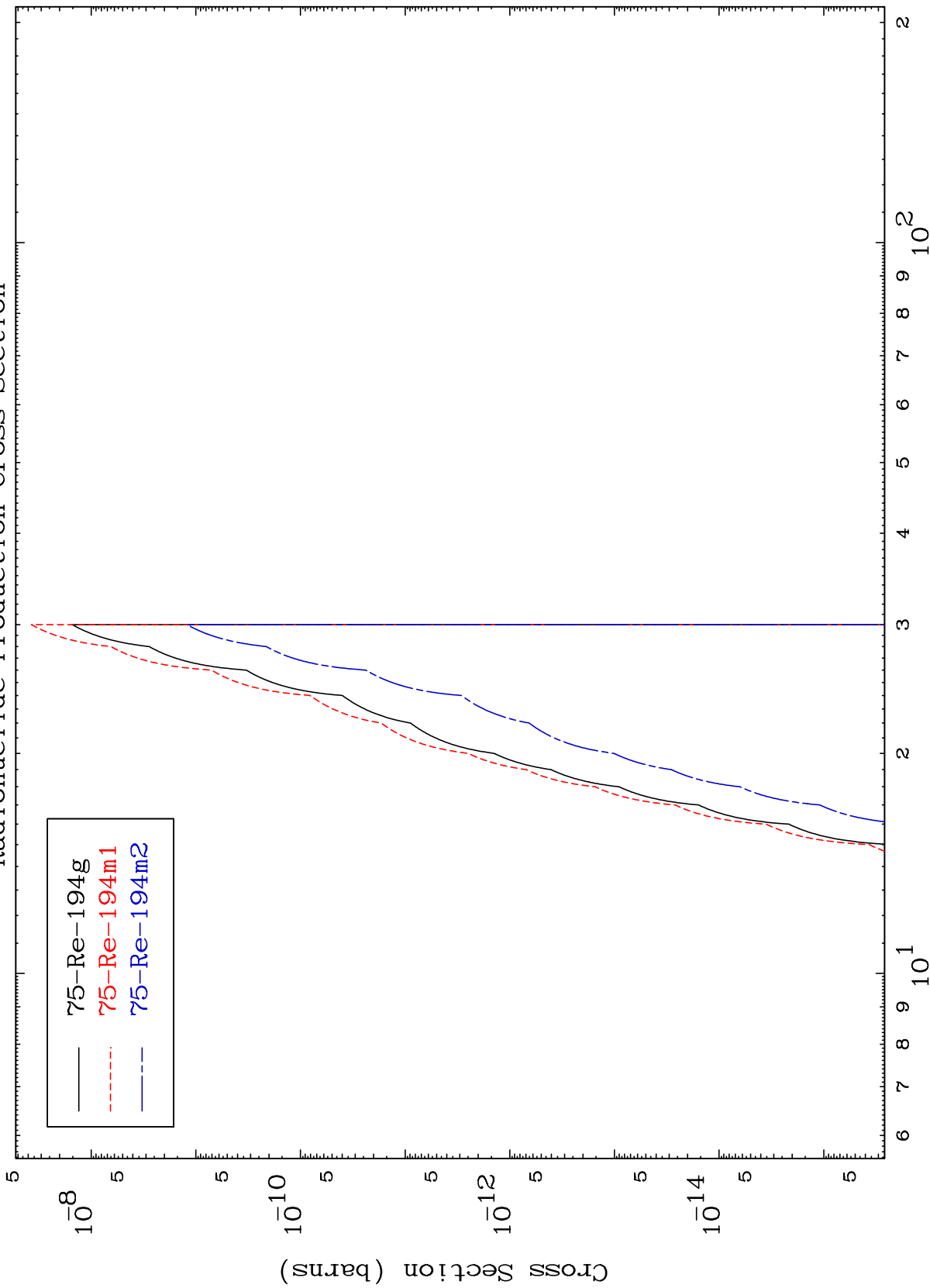


MAT 7552

(n,p) d

75-Re-194

Radionuclide Production Cross Section



24

Incident Energy (MeV)

75-Re-194