

Program EVALPLOT  
(Version 2018-1)

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

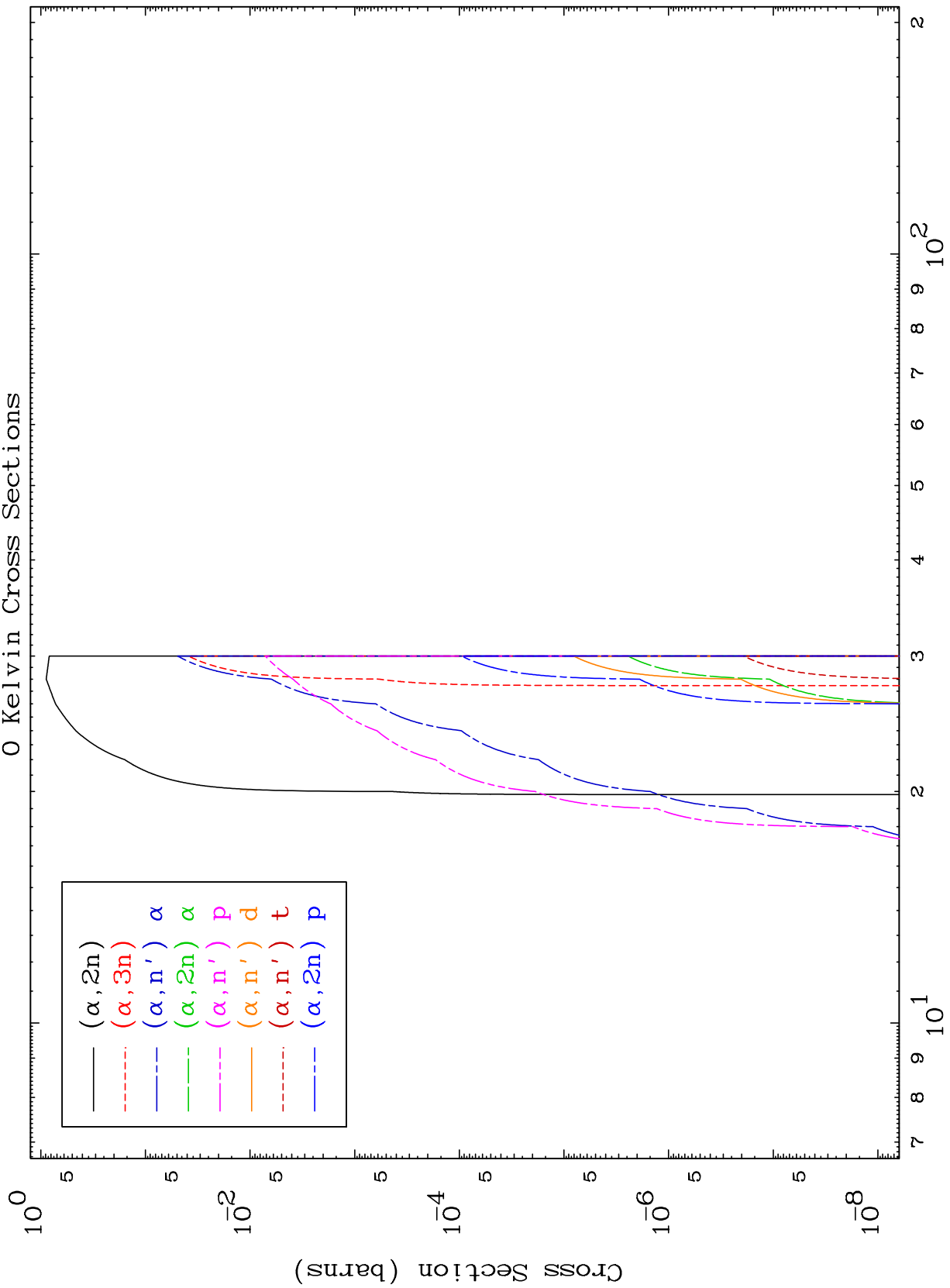
Press Mouse Button to Start



MAT 7517

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

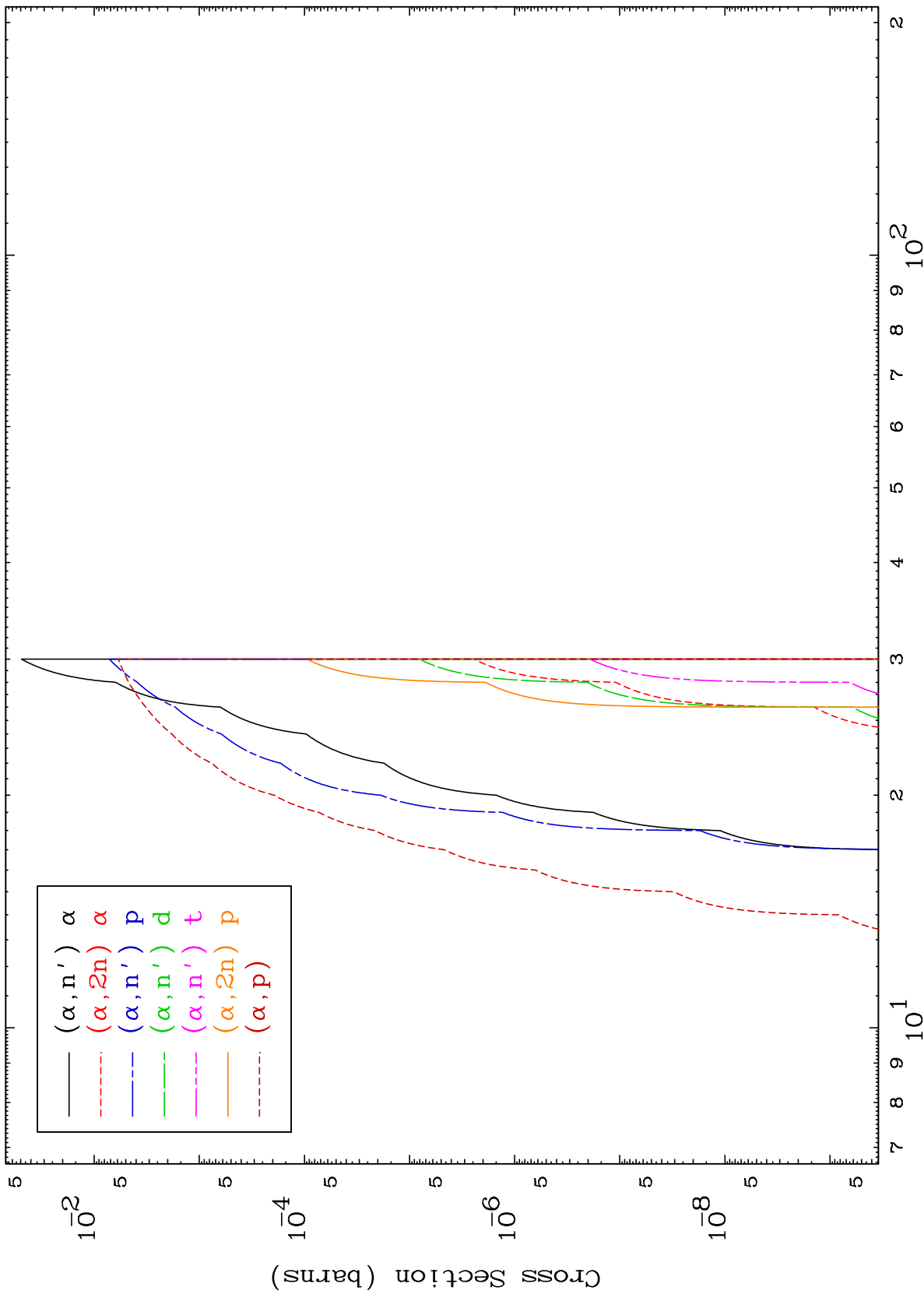
75-Re-182



Incident Energy (MeV)

75-Re-182

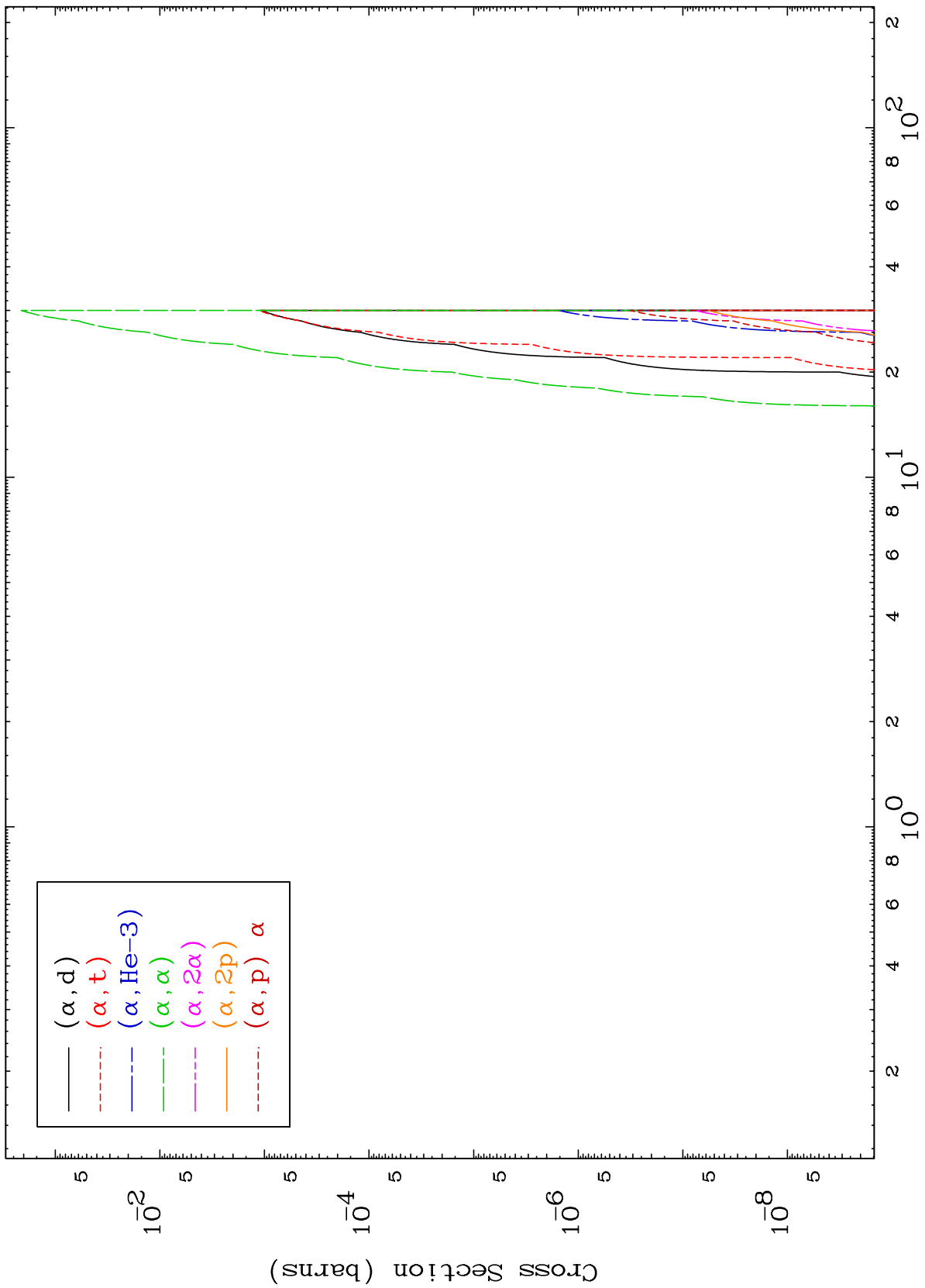
2

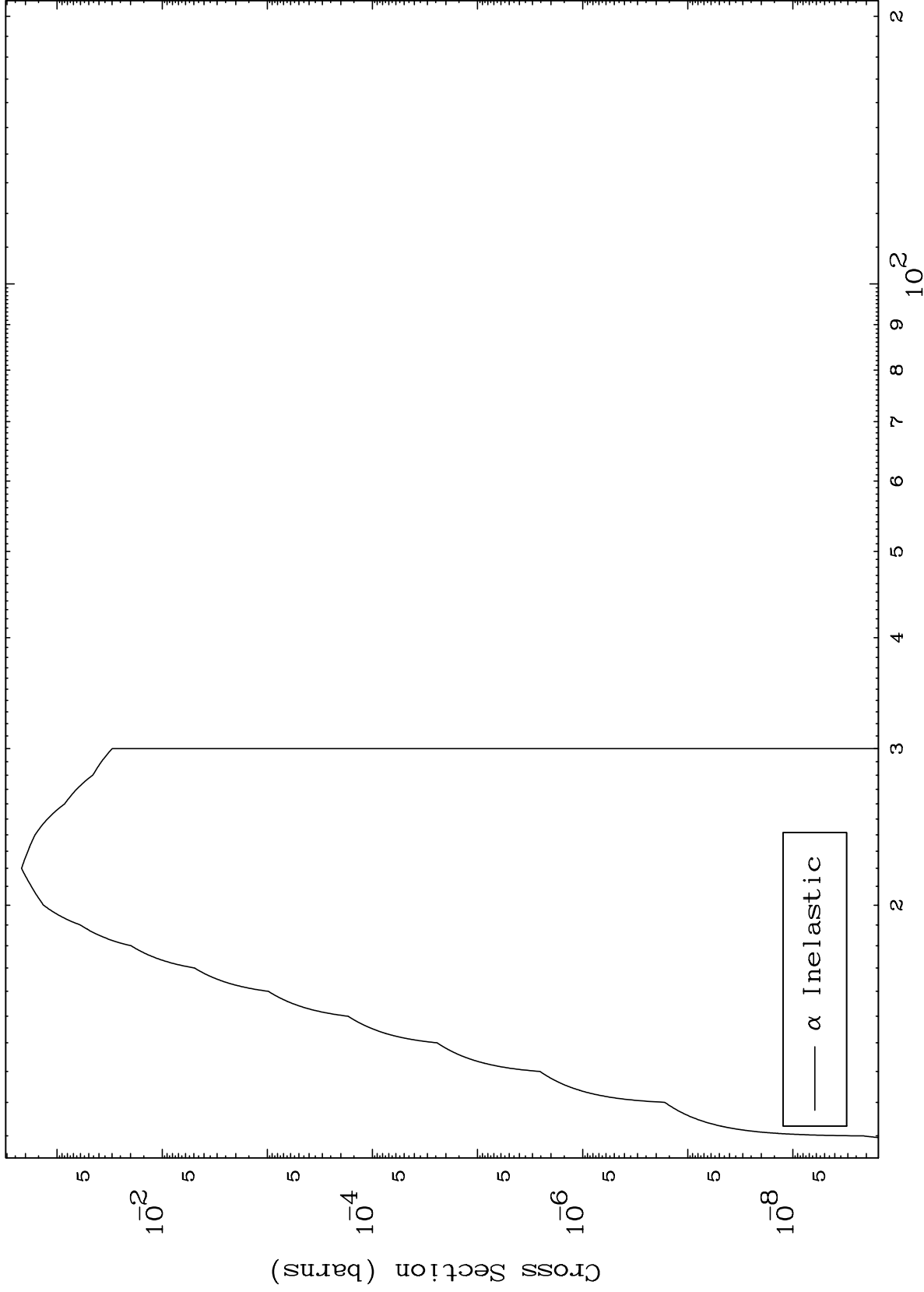


MAT 7517

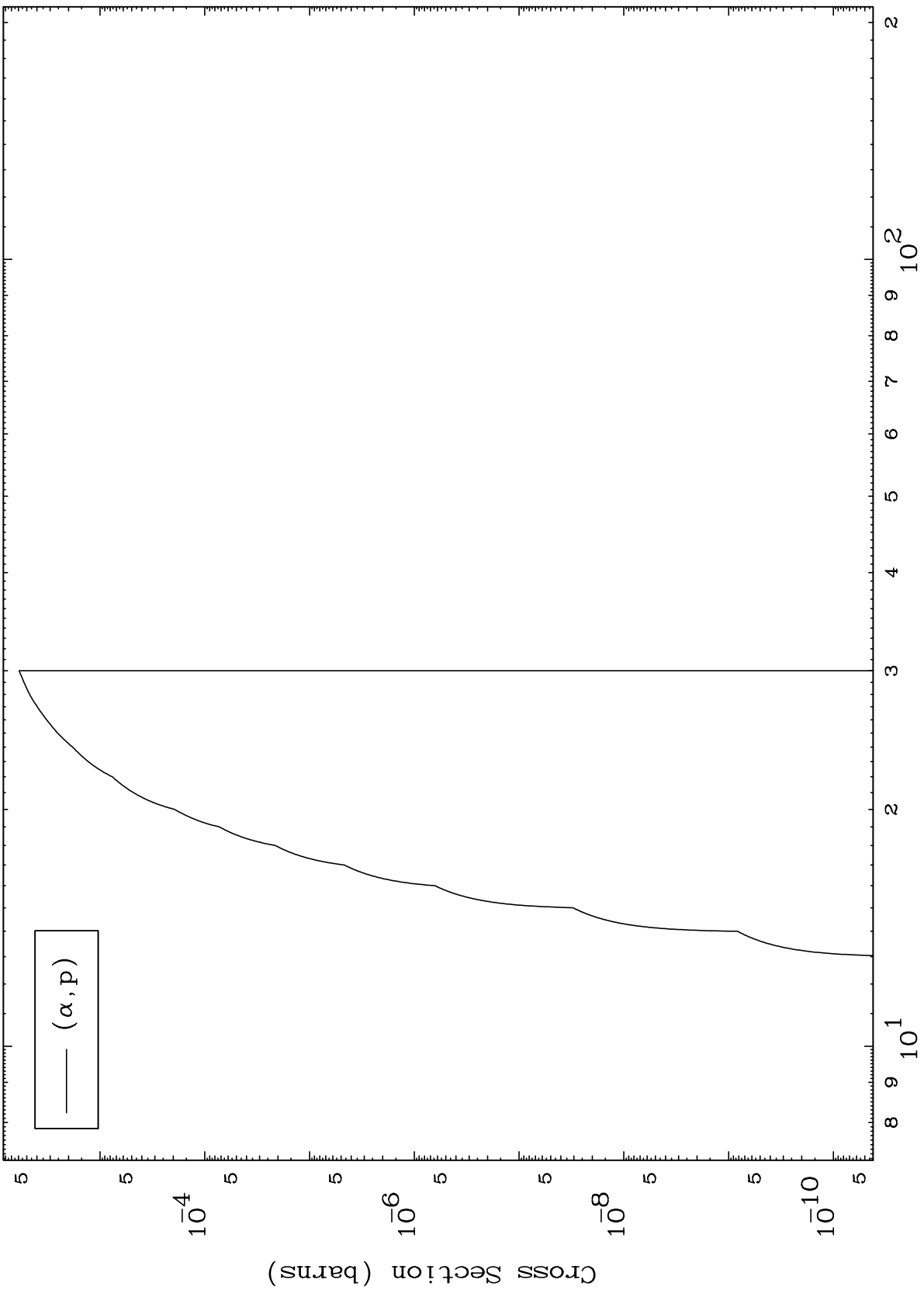
$\alpha$  Charged Particle  
0 Kelvin Cross Sections

75-Re-182

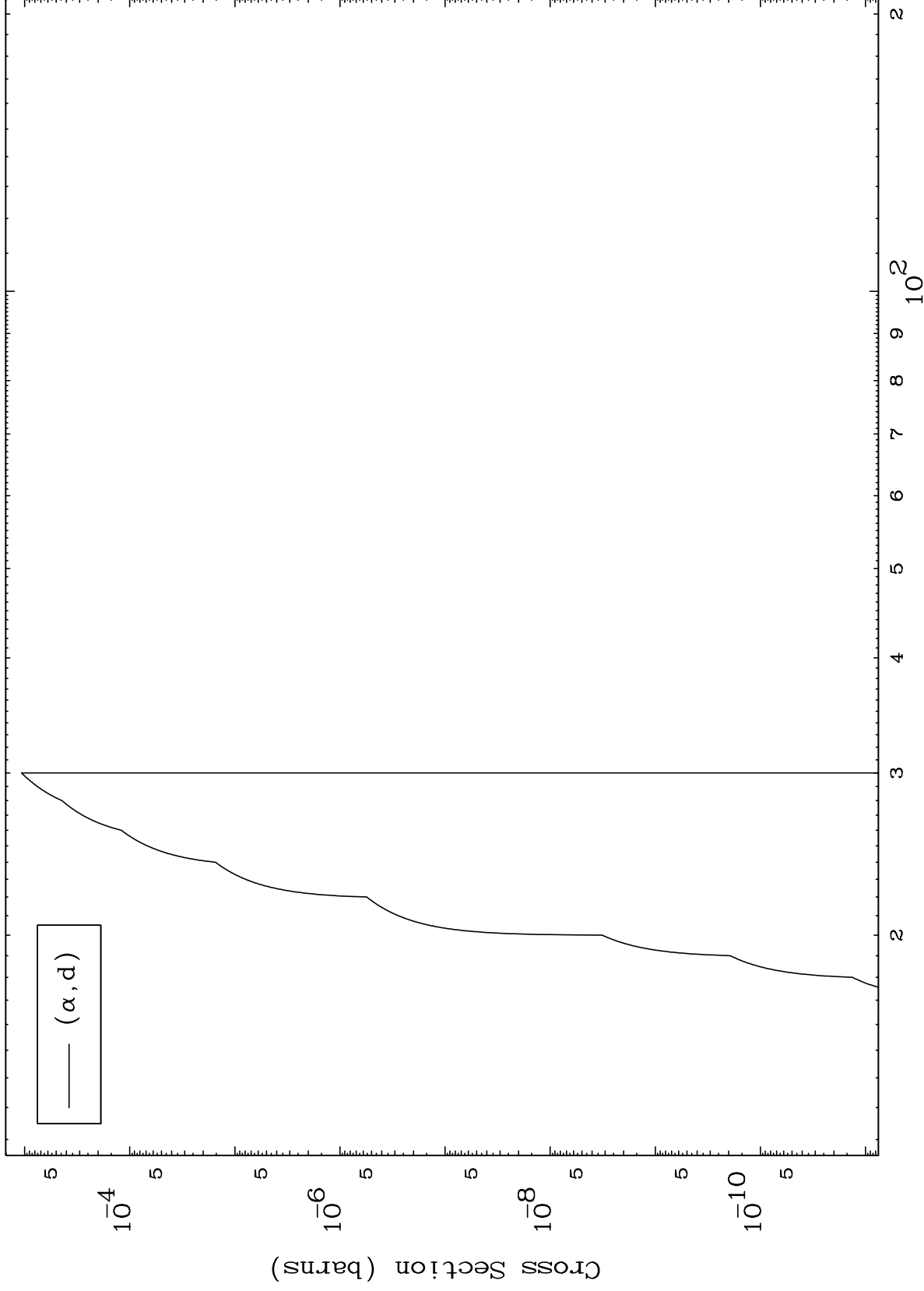




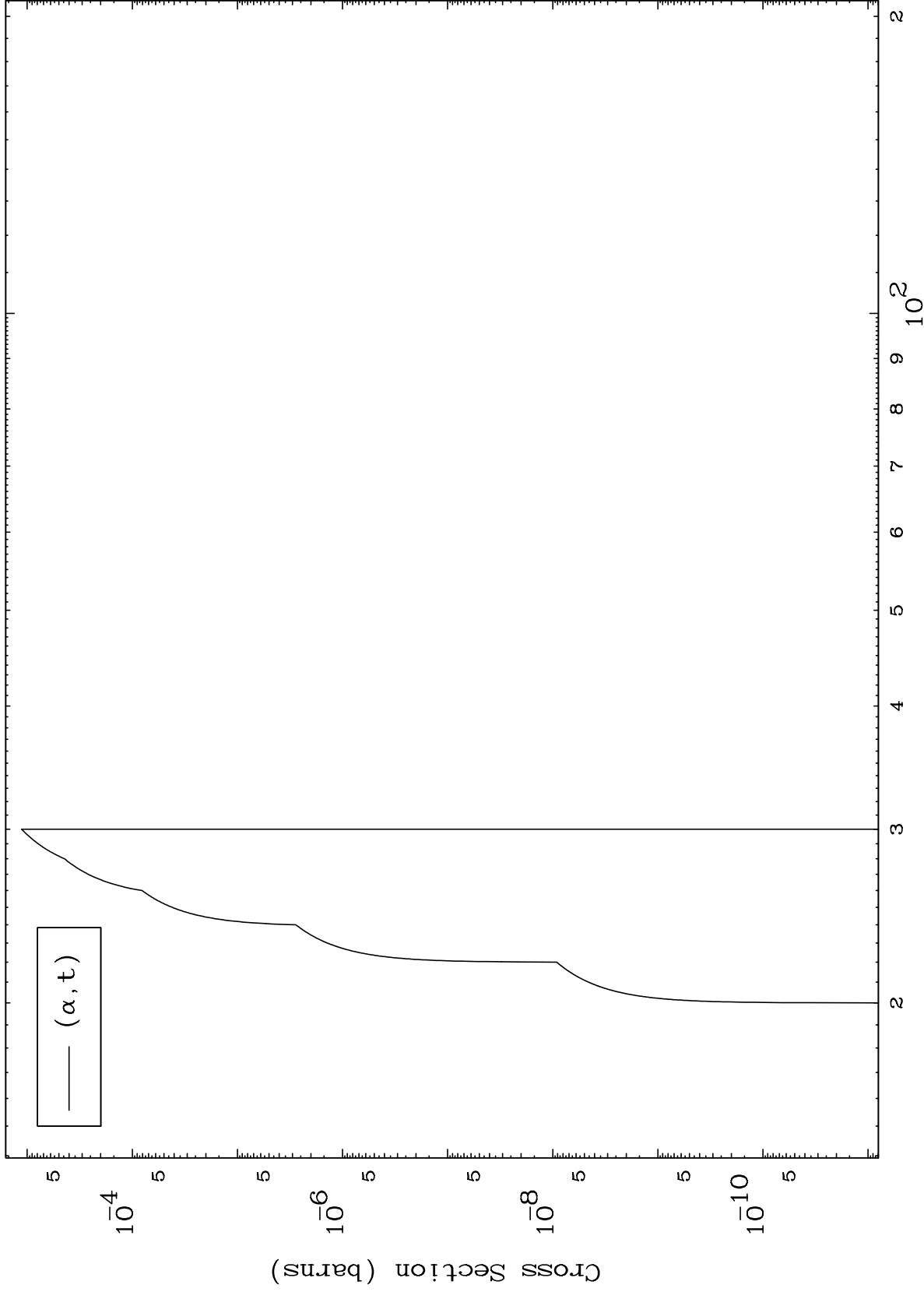
0 Kelvin Cross Sections

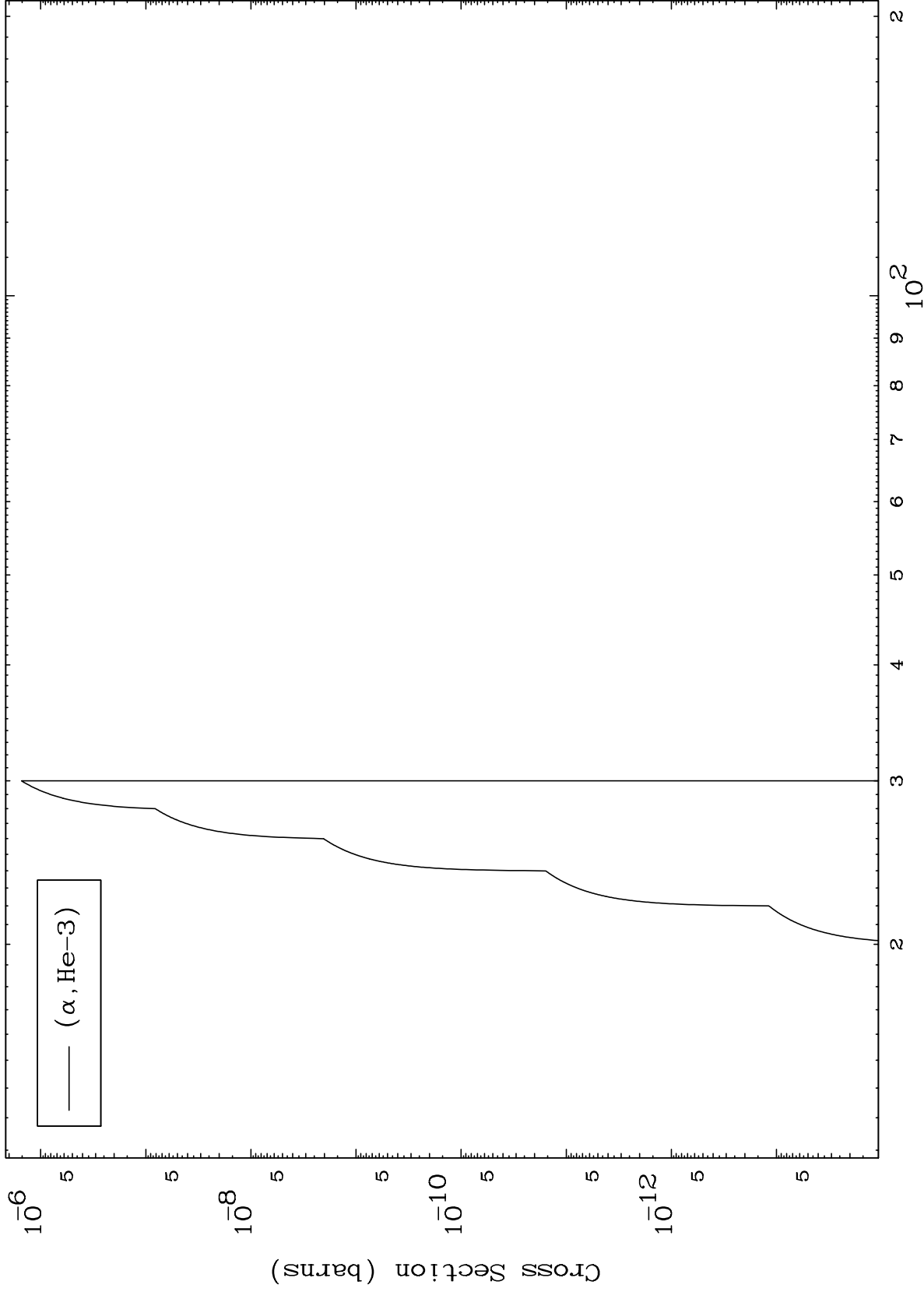


( $\alpha, p$ )







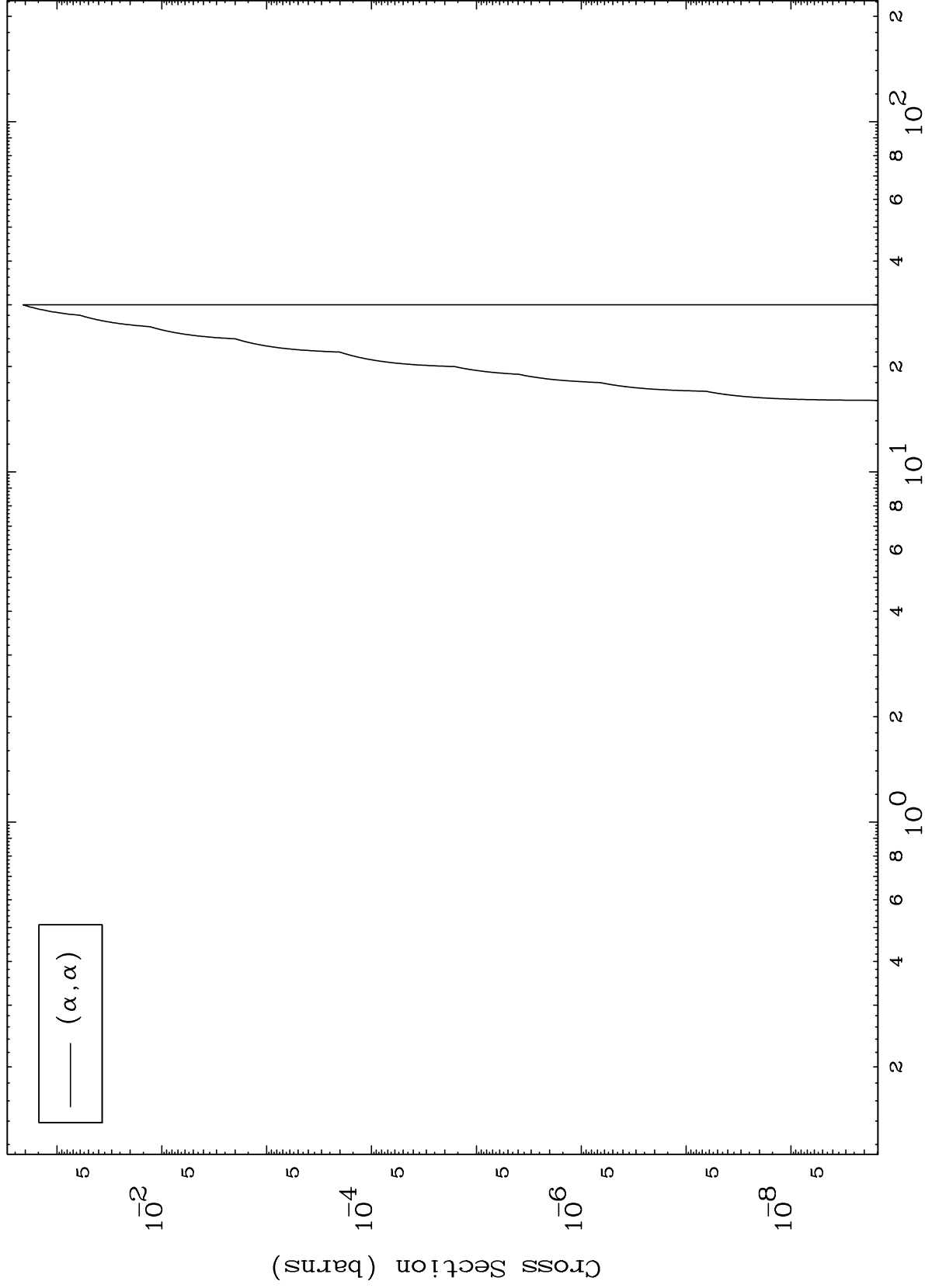


MAT 7517

( $\alpha, \alpha$ ) Levels

75-Re-182

0 Kelvin Cross Sections



10

Incident Energy (MeV)

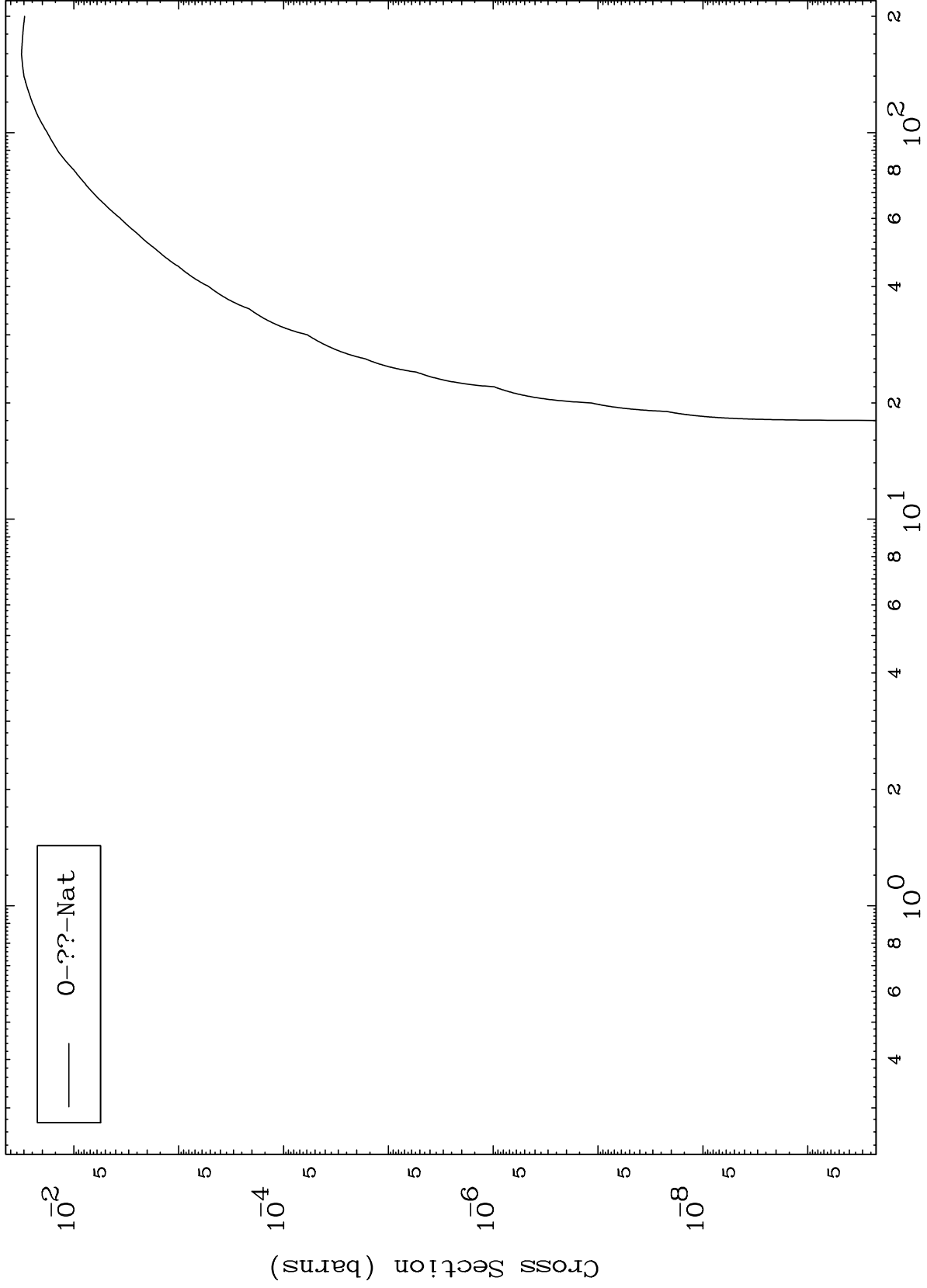
75-Re-182

MAT 7517

$\alpha$  Fission

75-Re-182

Radionuclide Production Cross Section

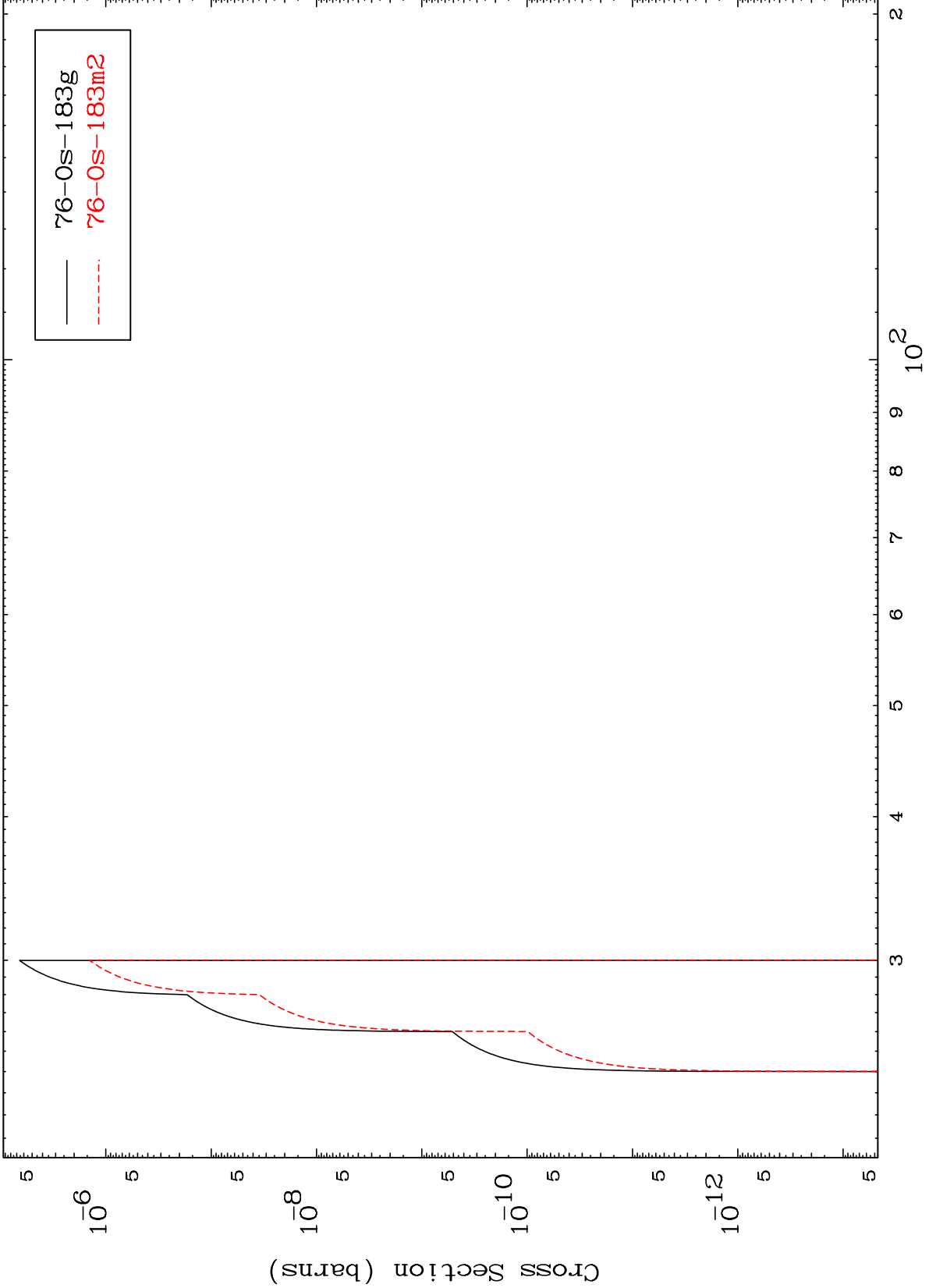


MAT 7517

$(\alpha, n')$  d

75-Re-182

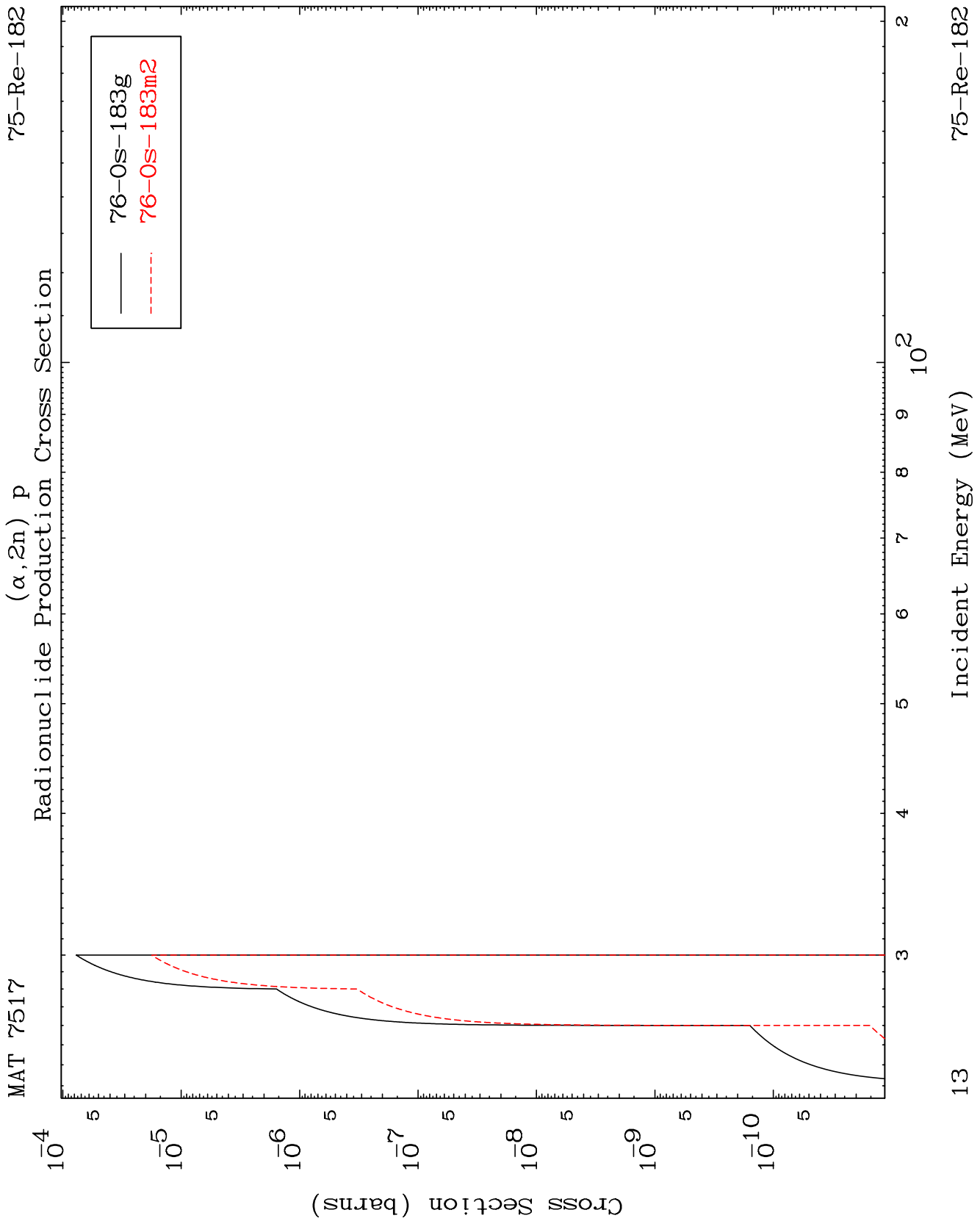
Radionuclide Production Cross Section



12

Incident Energy (MeV)

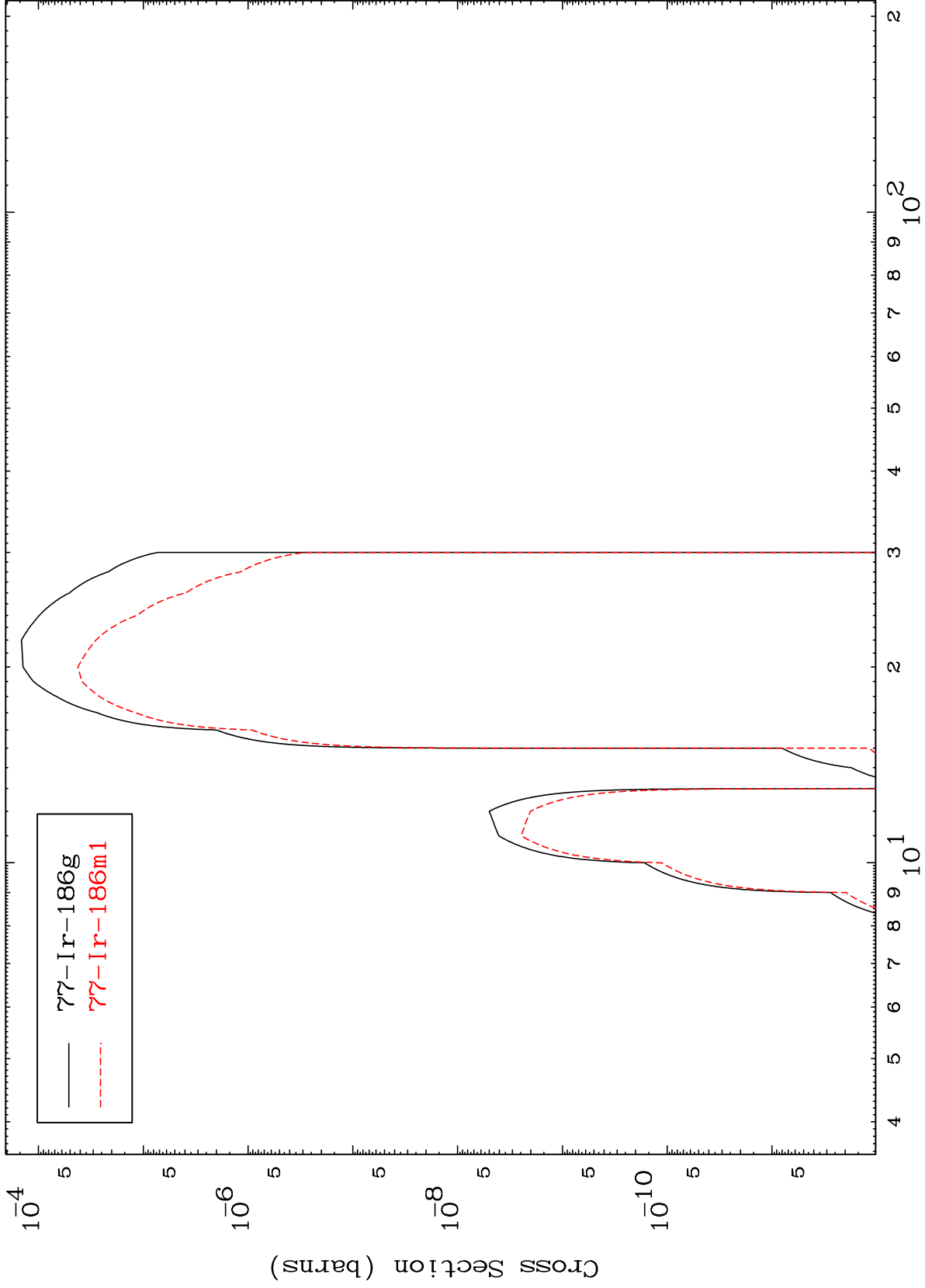
75-Re-182



MAT 7517

75-Re-182

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



75-Re-182

Incident Energy (MeV)

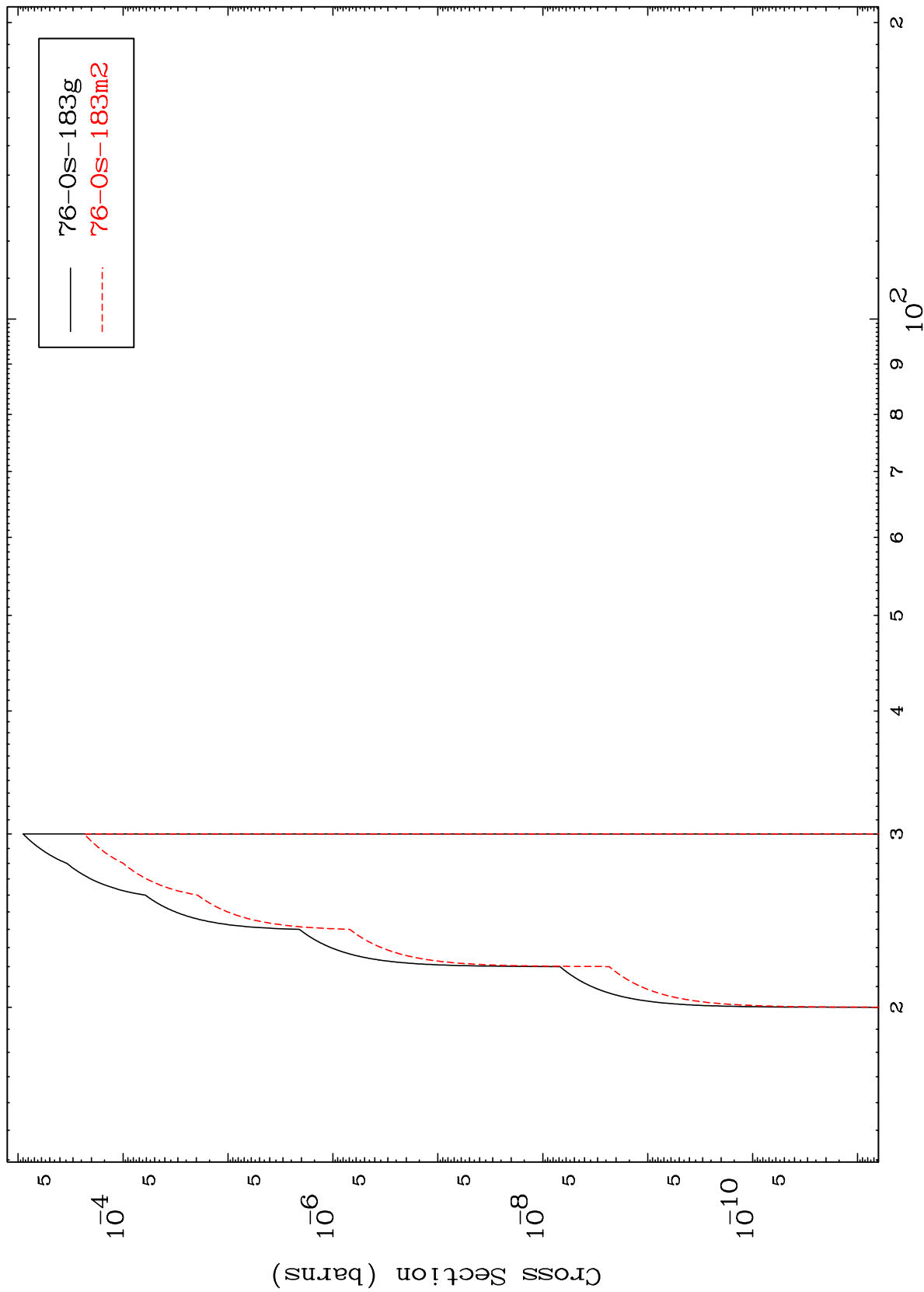
14

MAT 7517

( $\alpha, t$ )

75-Re-182

Radionuclide Production Cross Section



15

Incident Energy (MeV)

75-Re-182

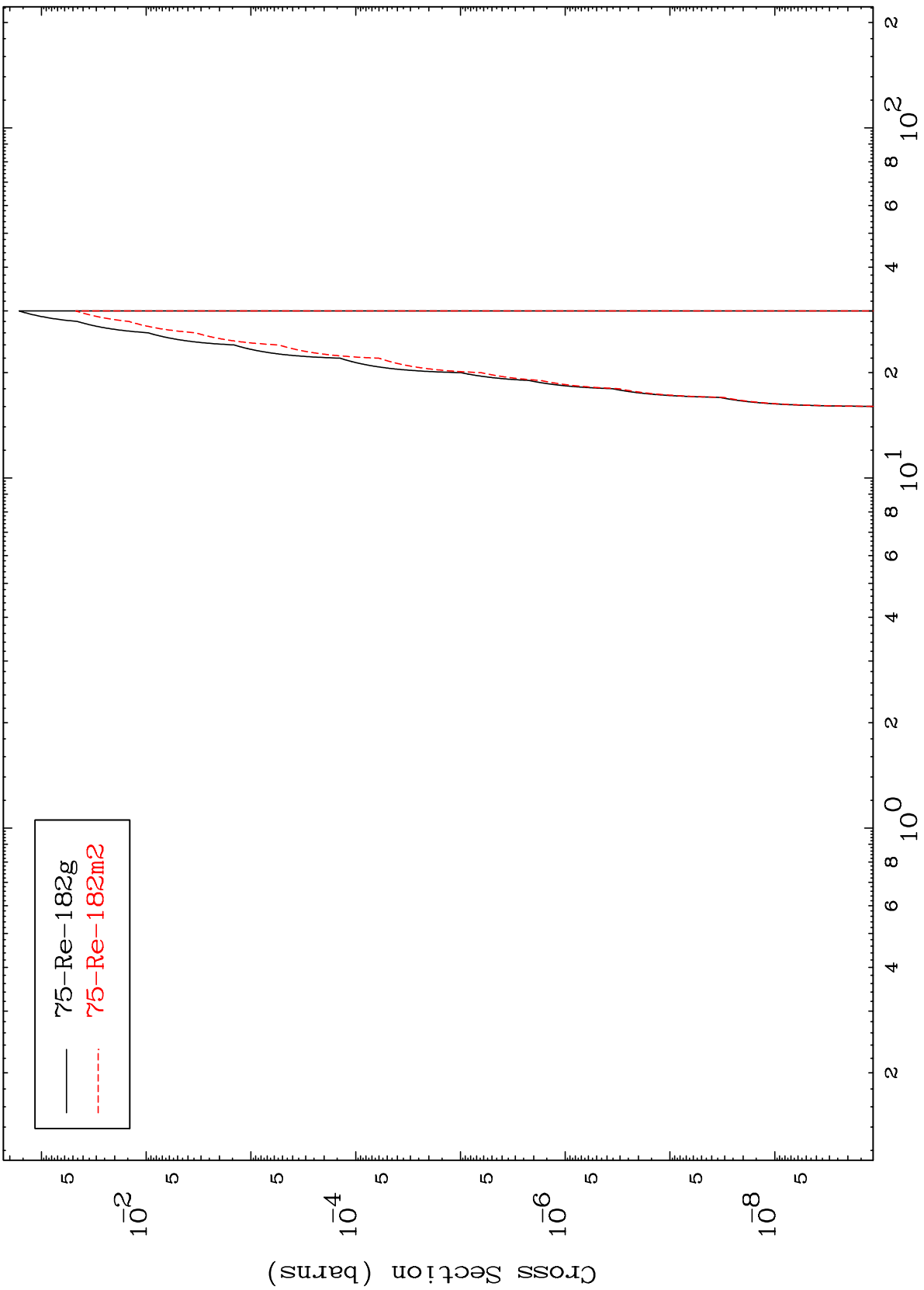


MAT 7517

( $\alpha, \alpha$ )

<sup>75</sup>Re-<sup>182</sup>

Radionuclide Production Cross Section



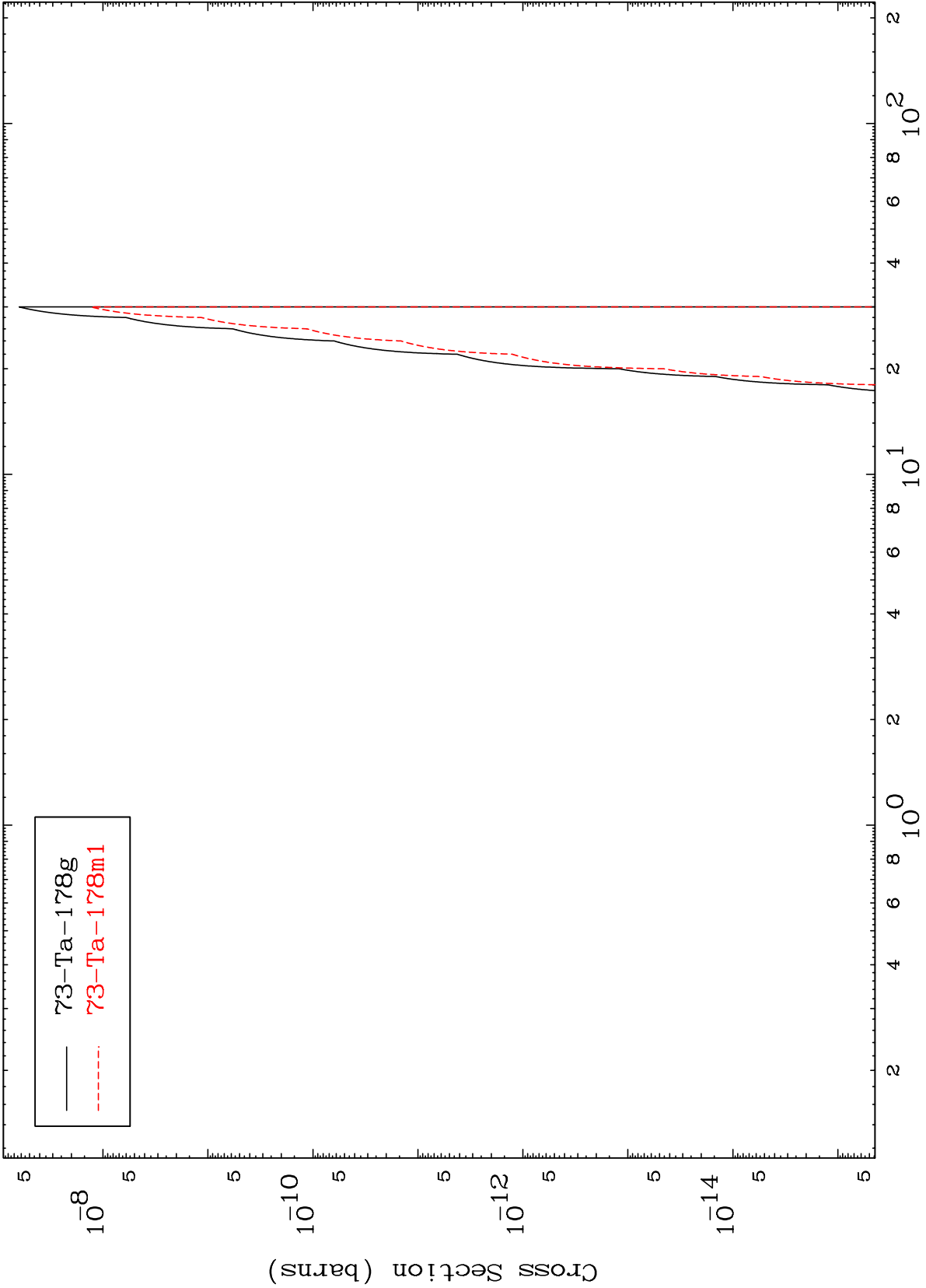
75-Re-182g  
75-Re-182m2

MAT 7517

( $\alpha, 2\alpha$ )

75-Re-182

Radionuclide Production Cross Section



73-Ta-178g  
73-Ta-178m1

( $\alpha, 2p$ )  
Radionuclide Production Cross Section

