

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

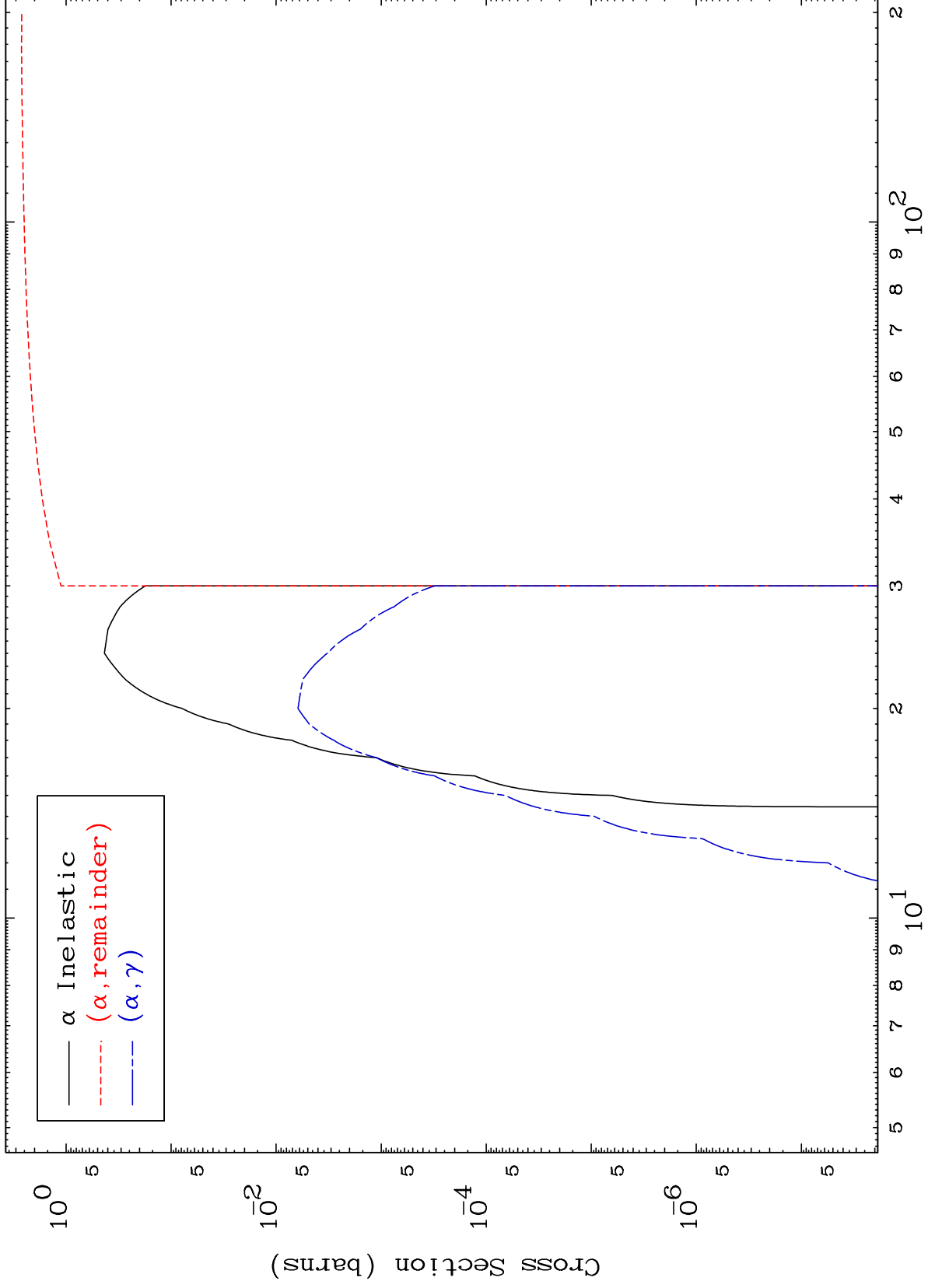
Press Mouse Button to Start

MAT 7701

0 Kelvin

$\alpha$  Major Cross Sections

77-Ir-183



1

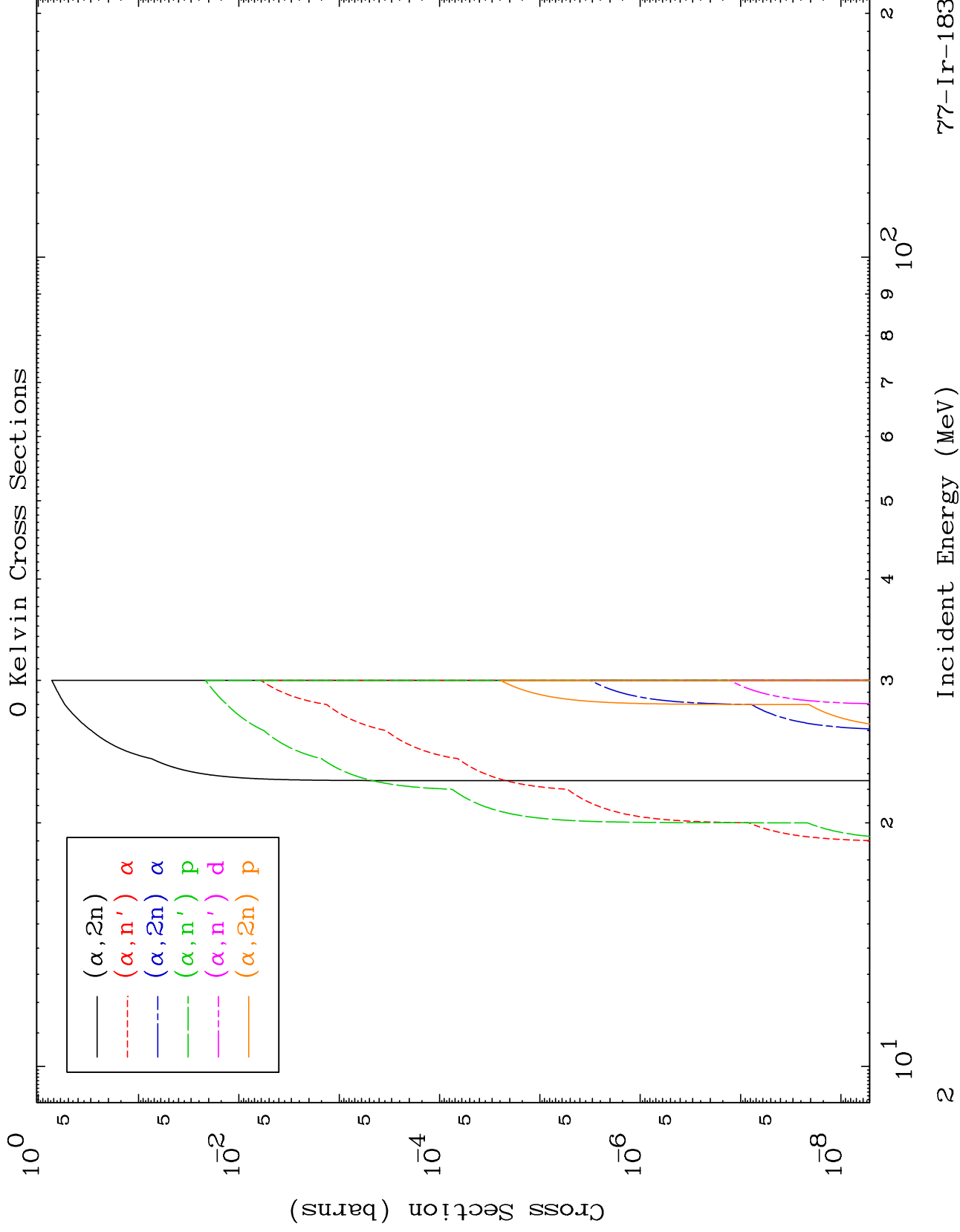
Incident Energy (MeV)

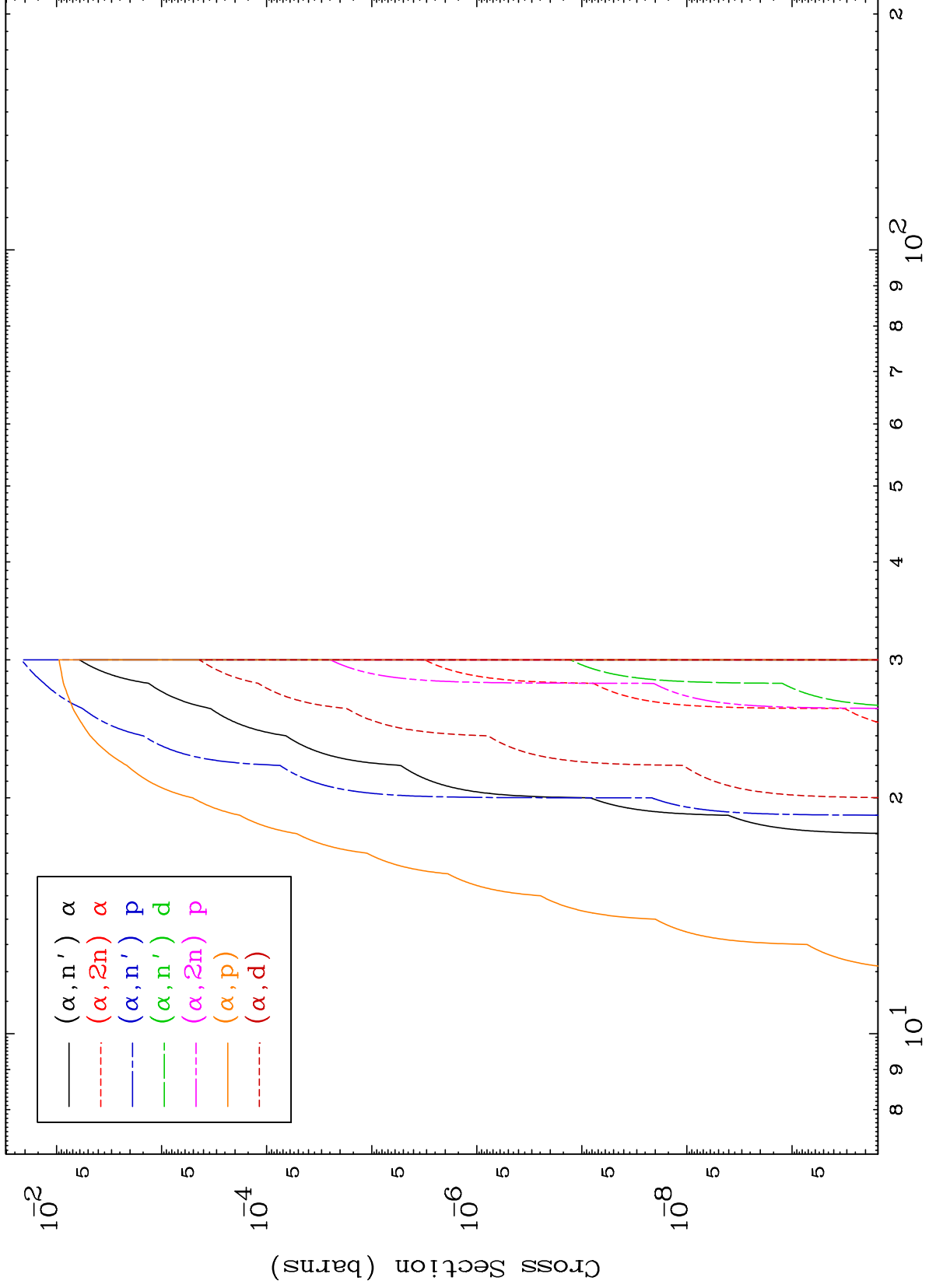
77-Ir-183

MAT 7701

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

77-Ir-183

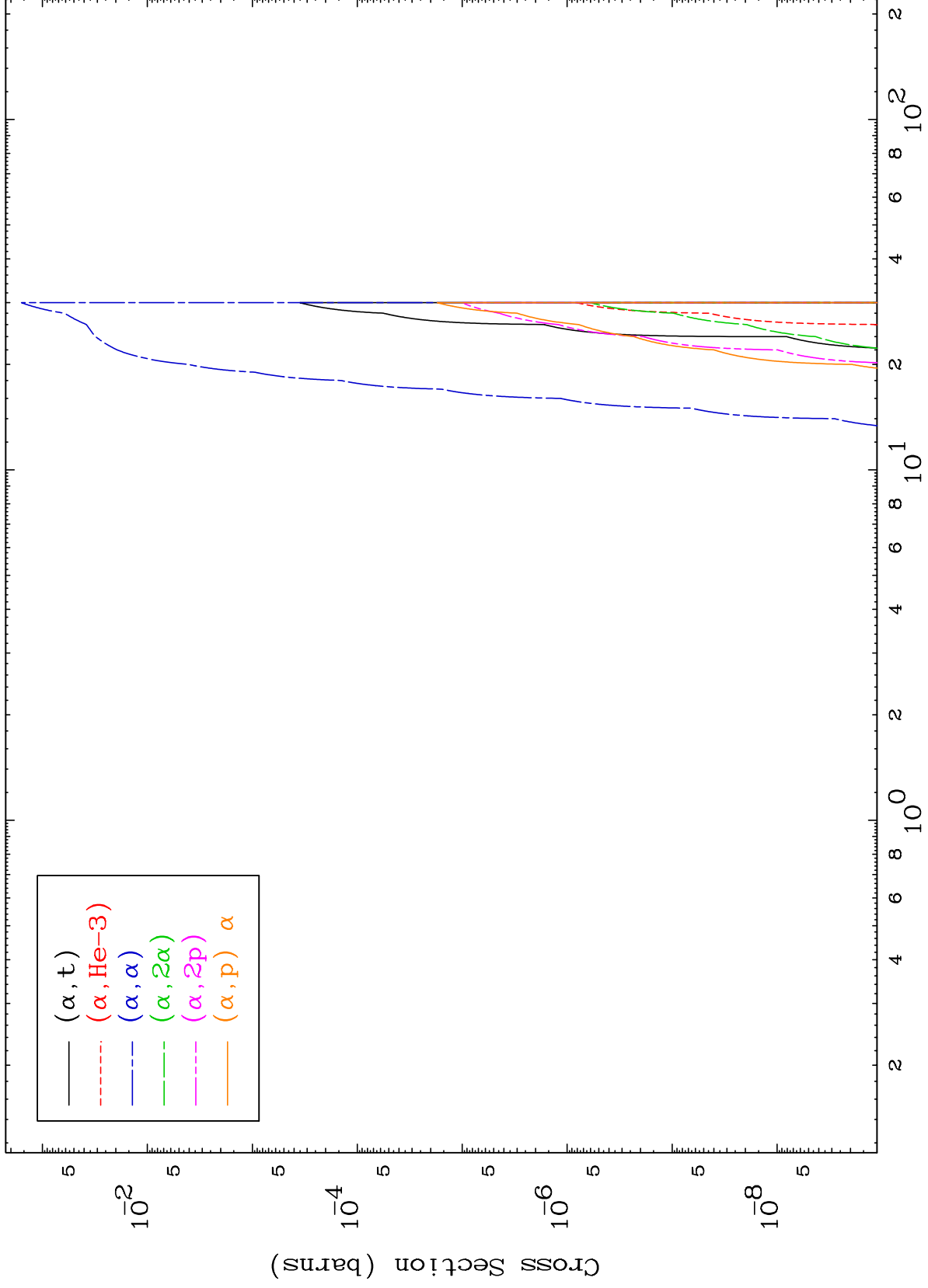




MAT 7701

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

77-Ir-183

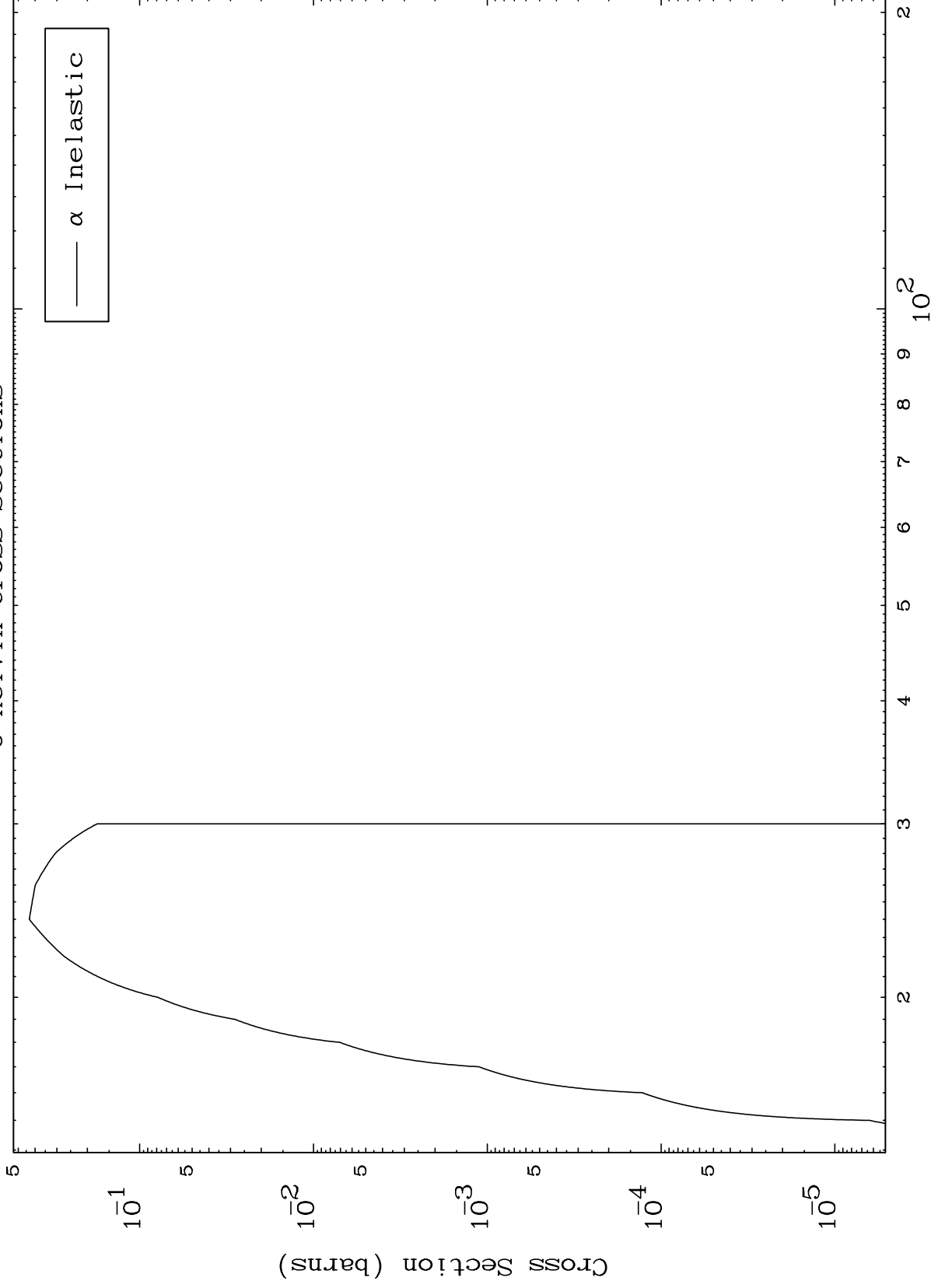


MAT 7701

( $\alpha, n'$ ) Level

77-Ir-183

0 Kelvin Cross Sections



5

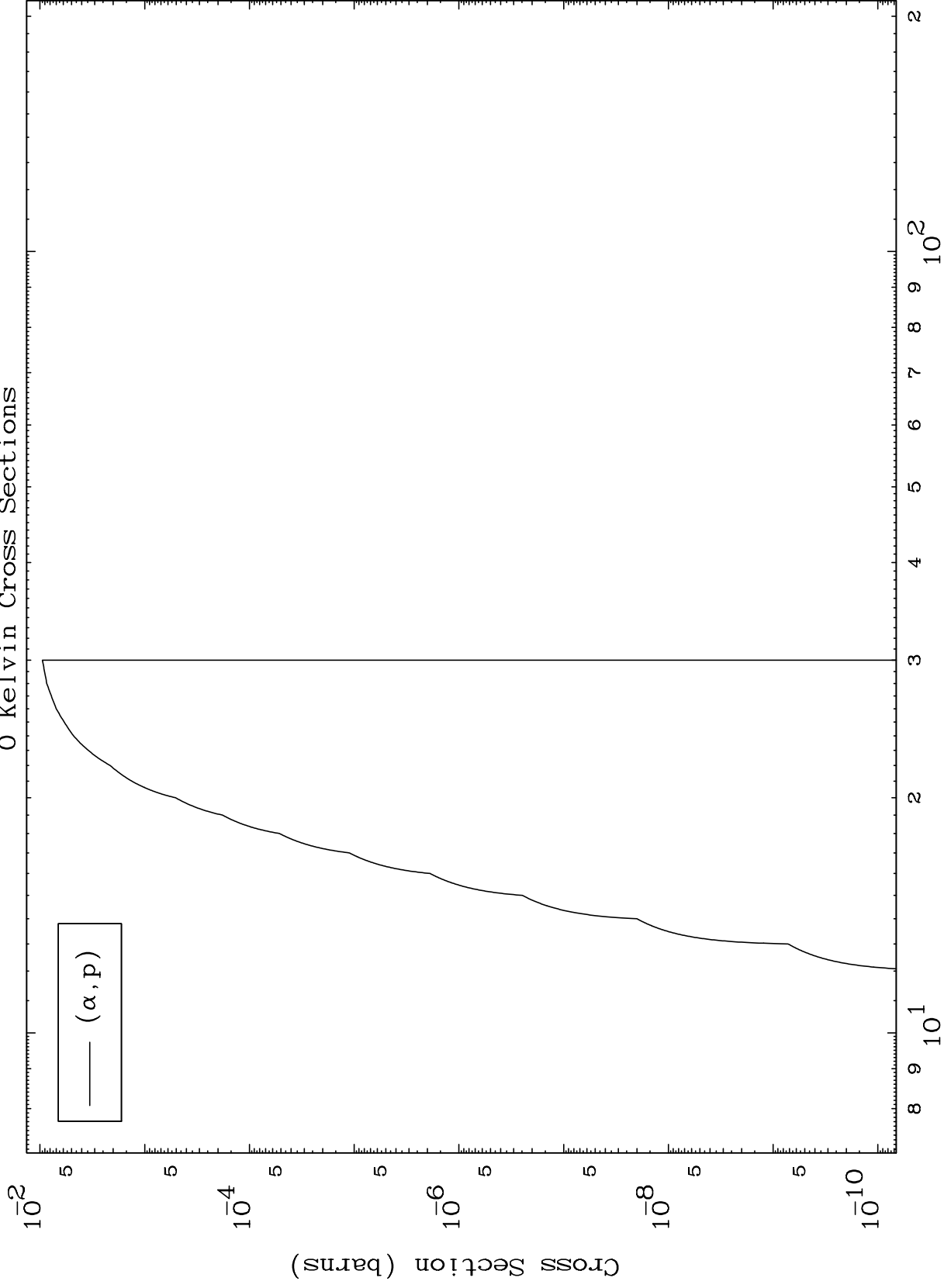
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

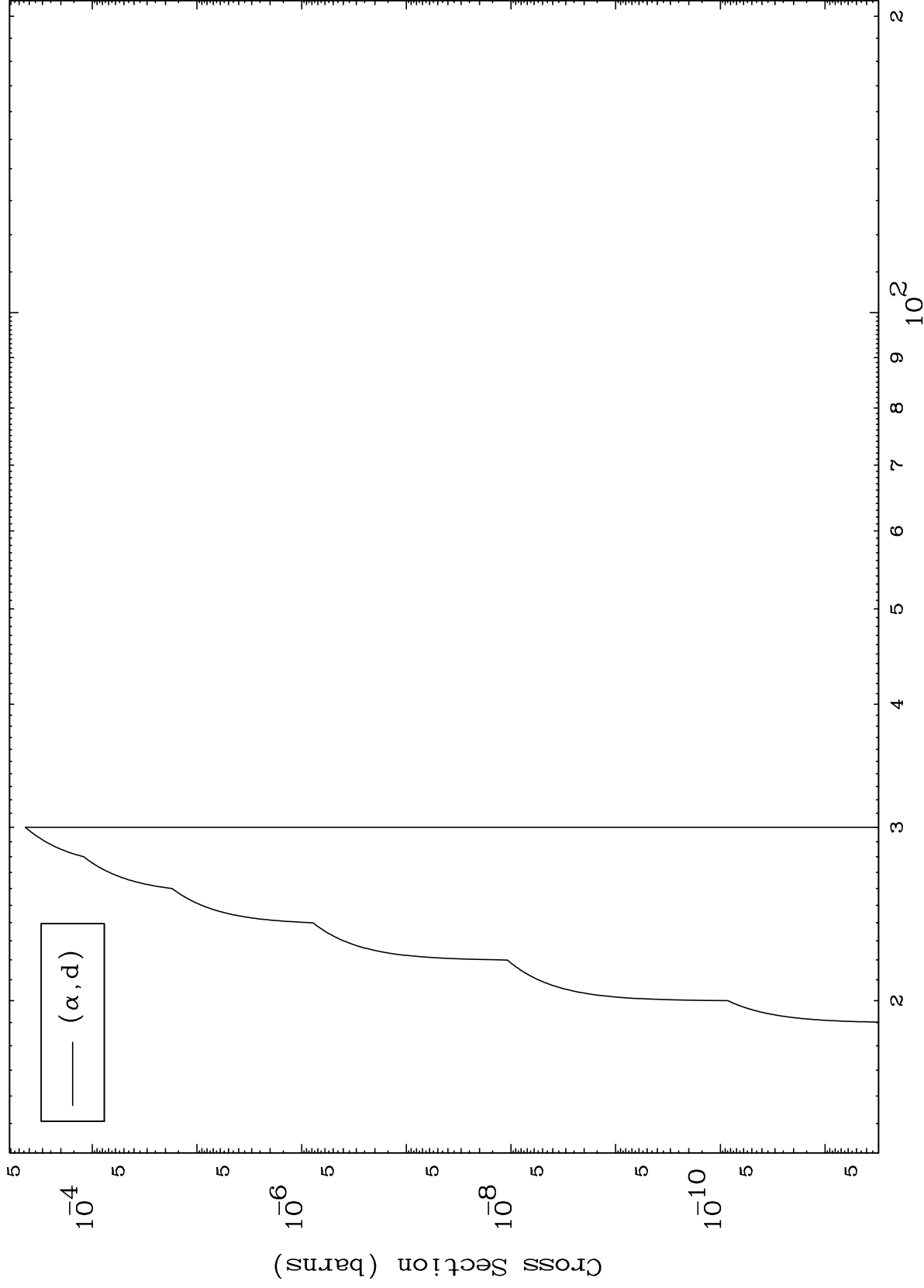
77-Ir-183



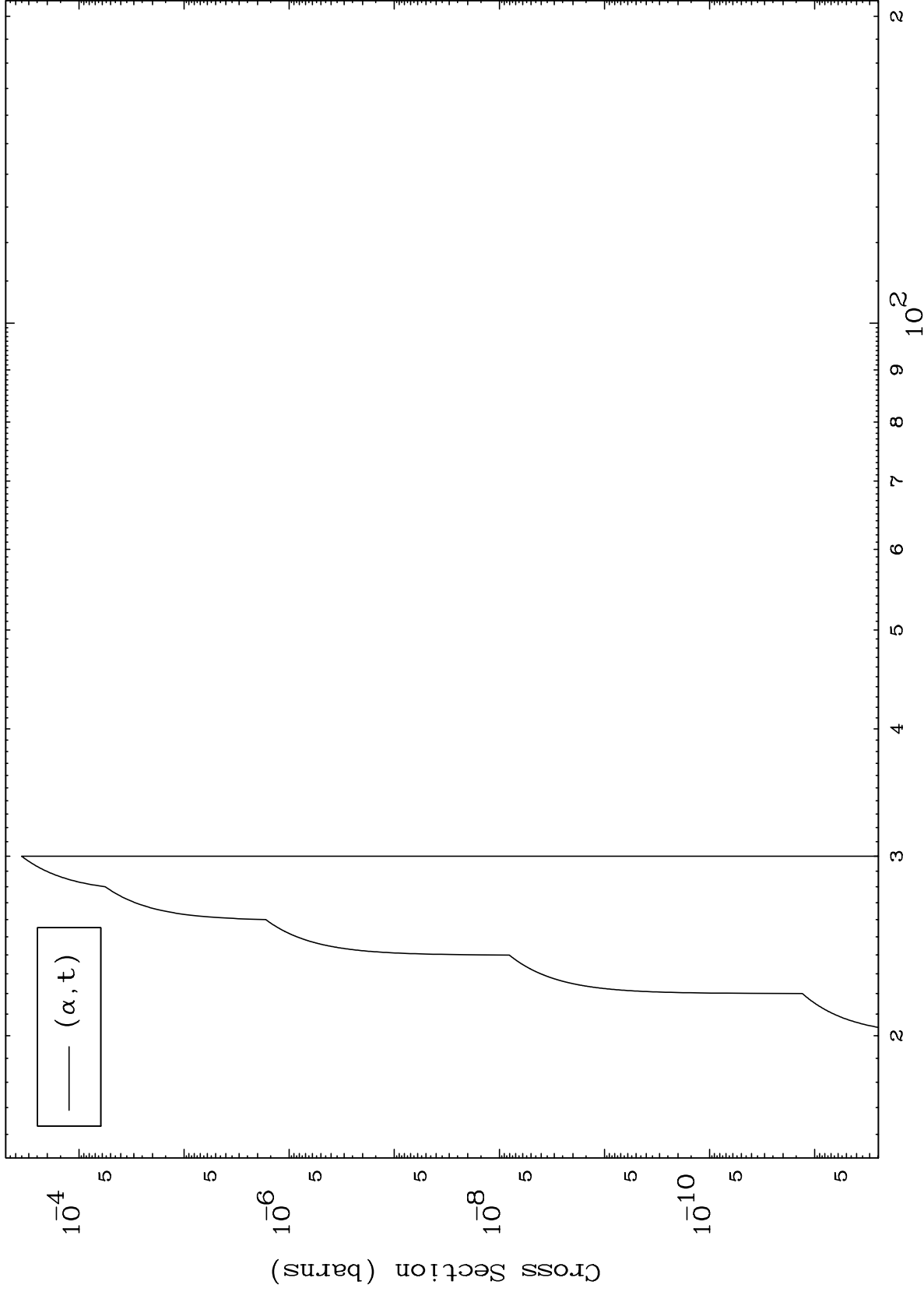
6

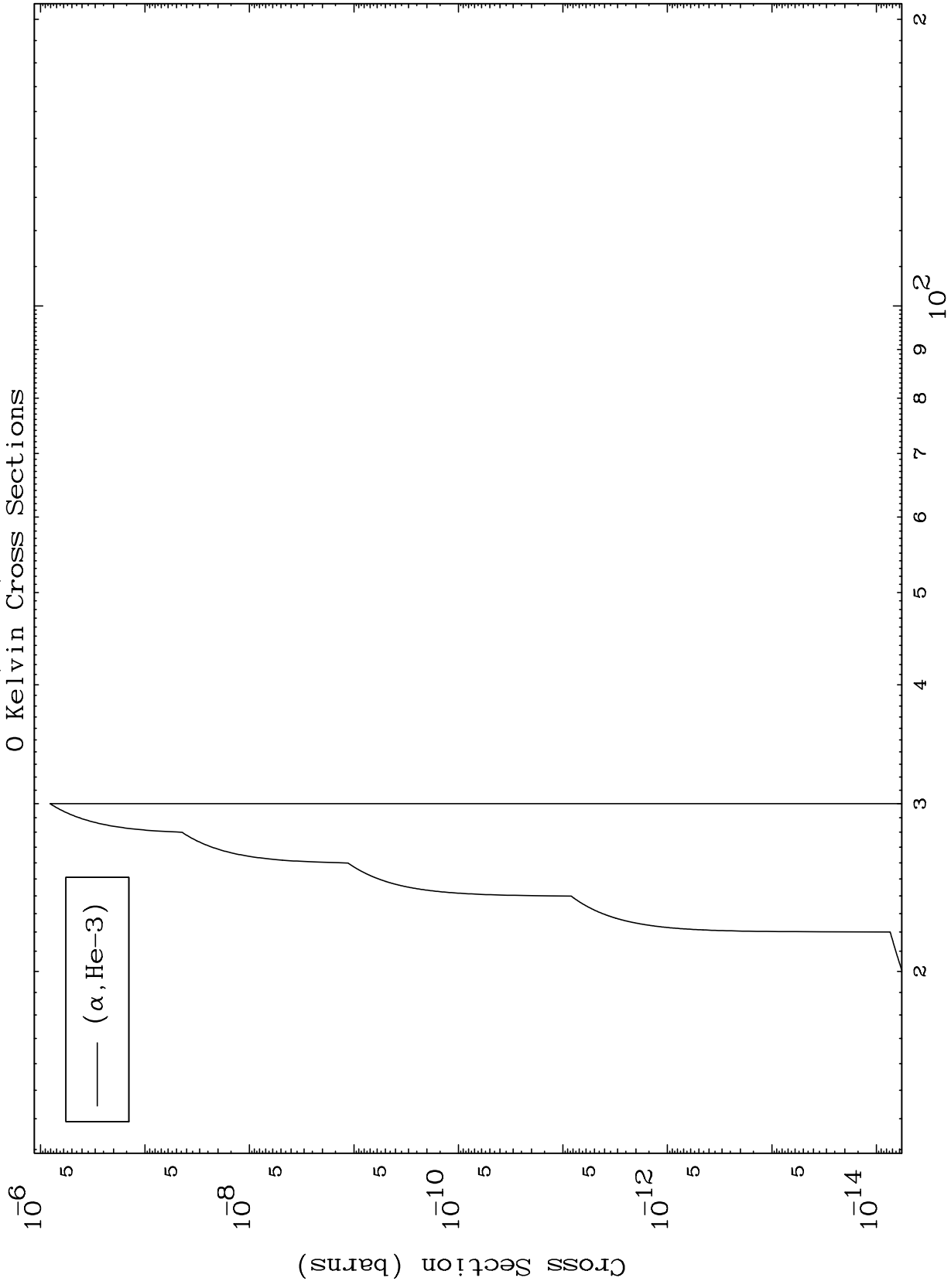
Incident Energy (MeV)

77-Ir-183







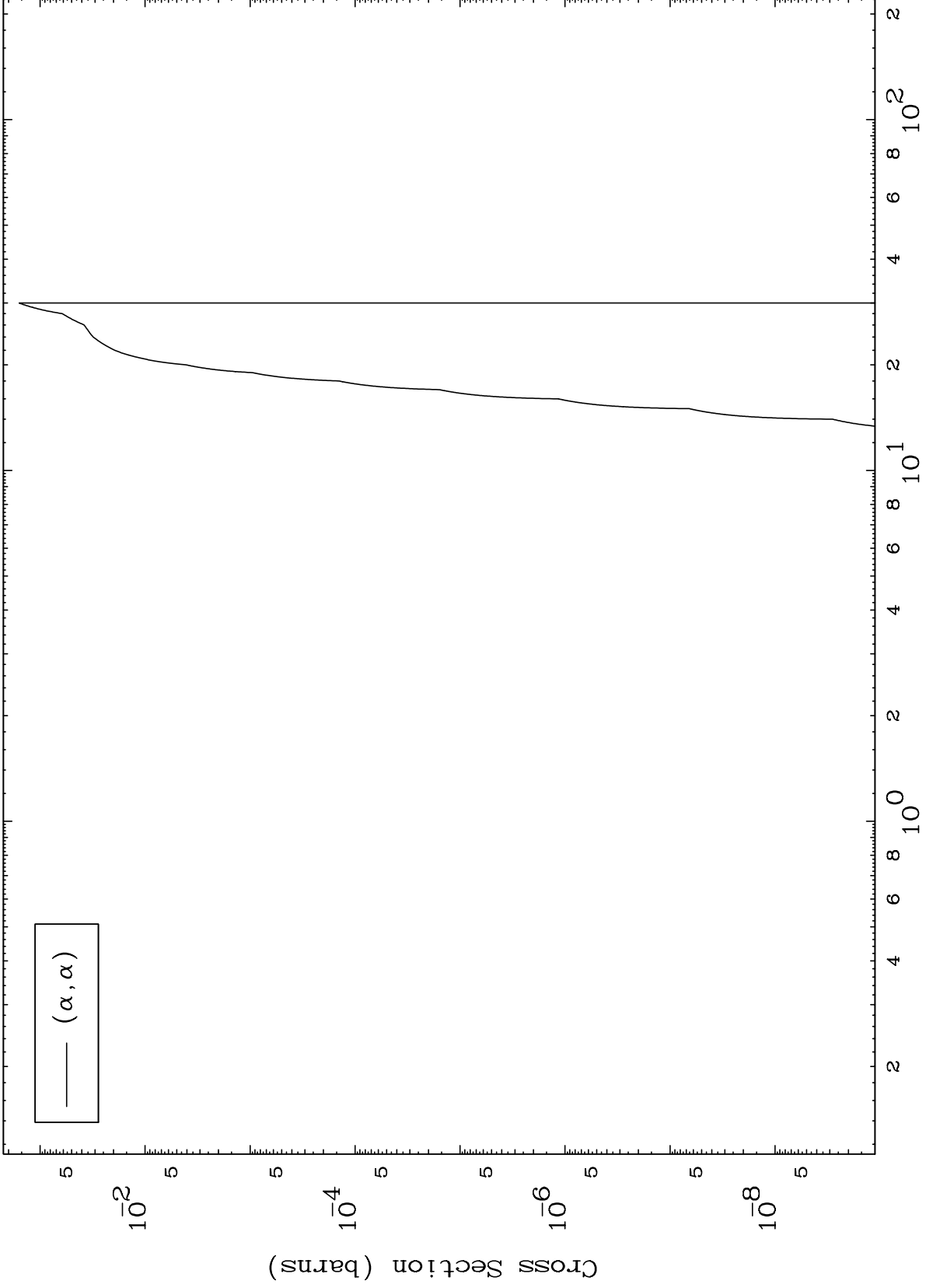


MAT 7701

( $\alpha, \alpha$ ) Levels

77-Ir-183

0 Kelvin Cross Sections

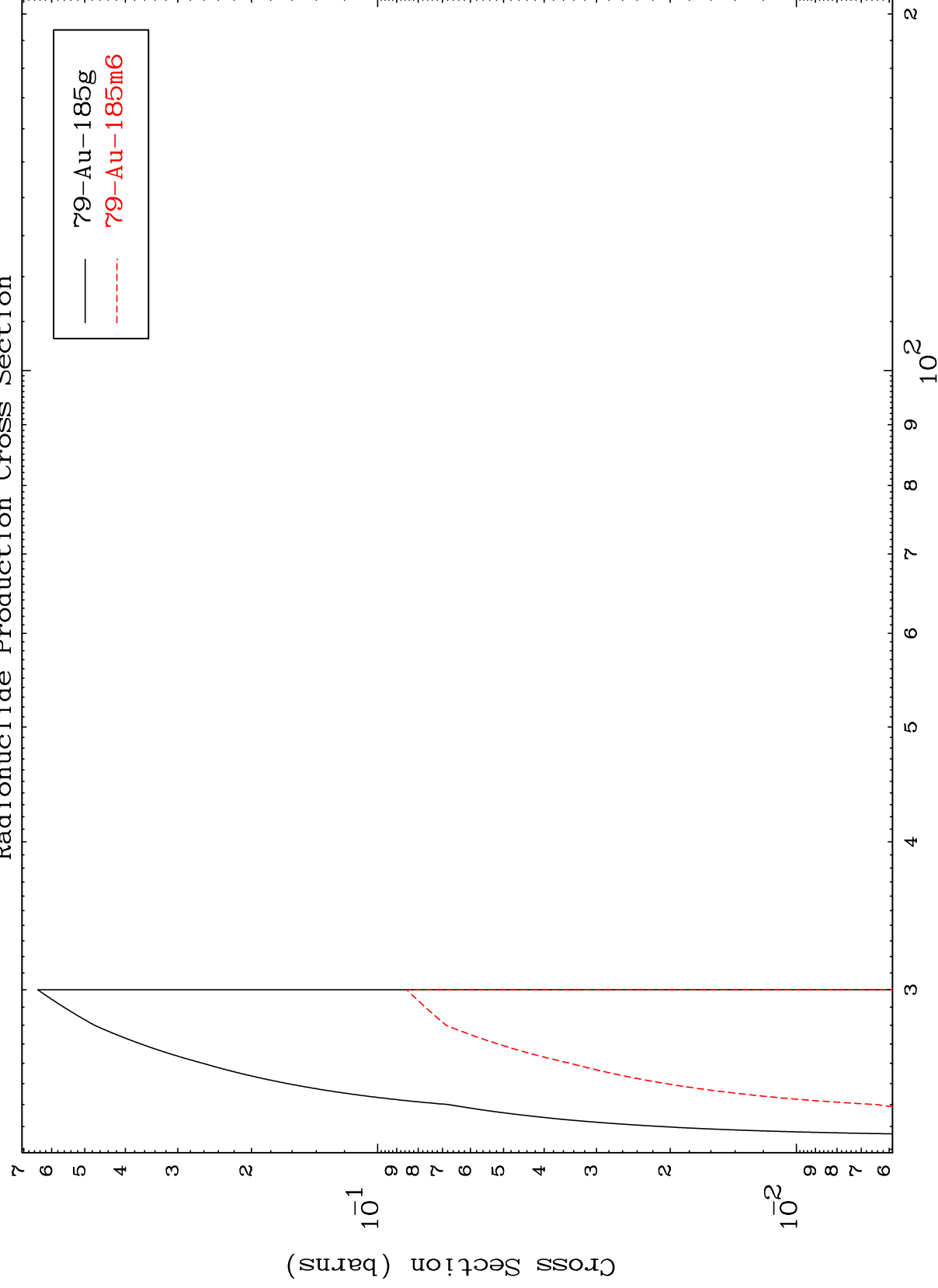


10

Incident Energy (MeV)

77-Ir-183

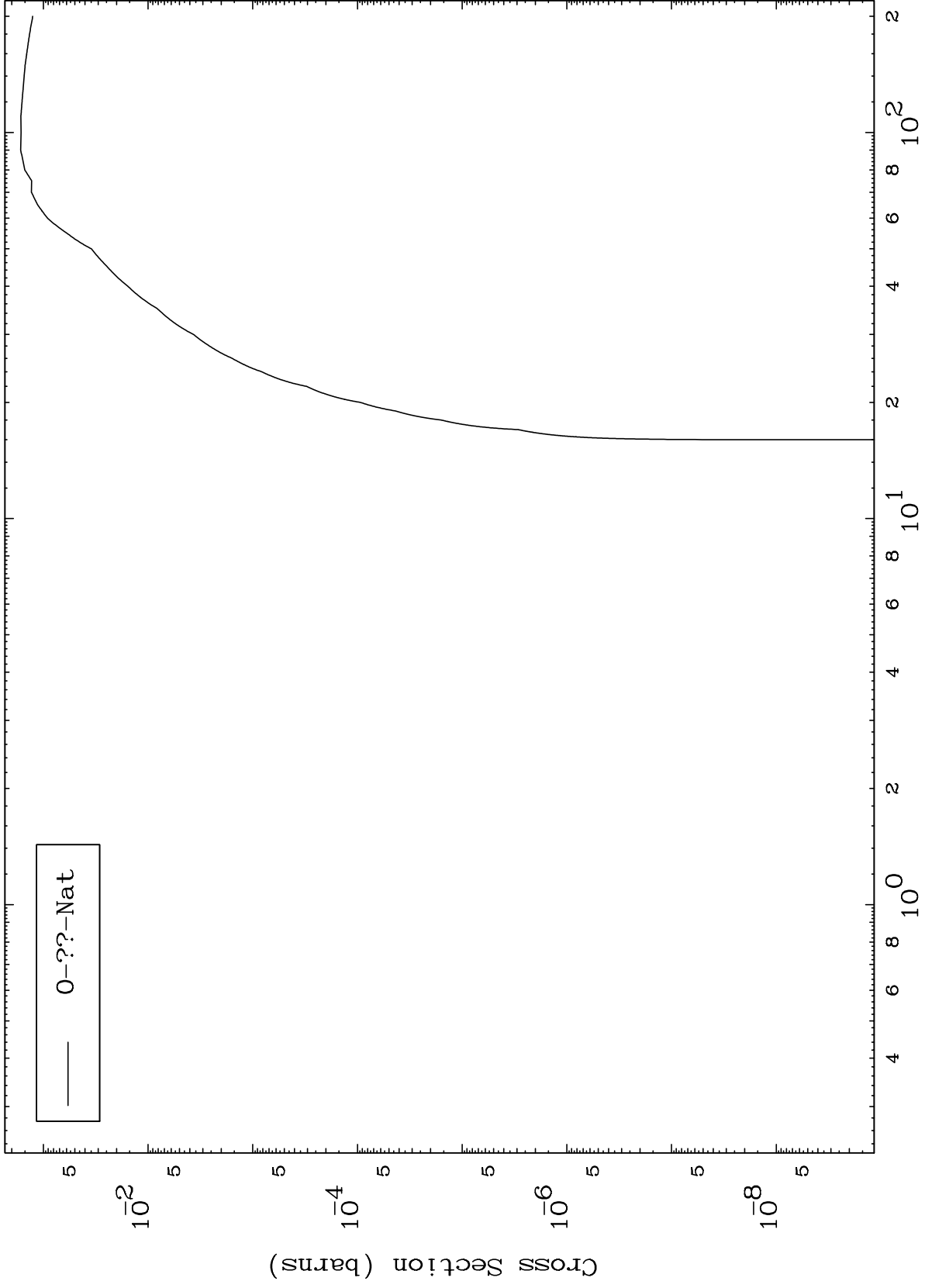
( $\alpha, 2n$ )  
Radionuclide Production Cross Section



MAT 7701

77-Ir-183

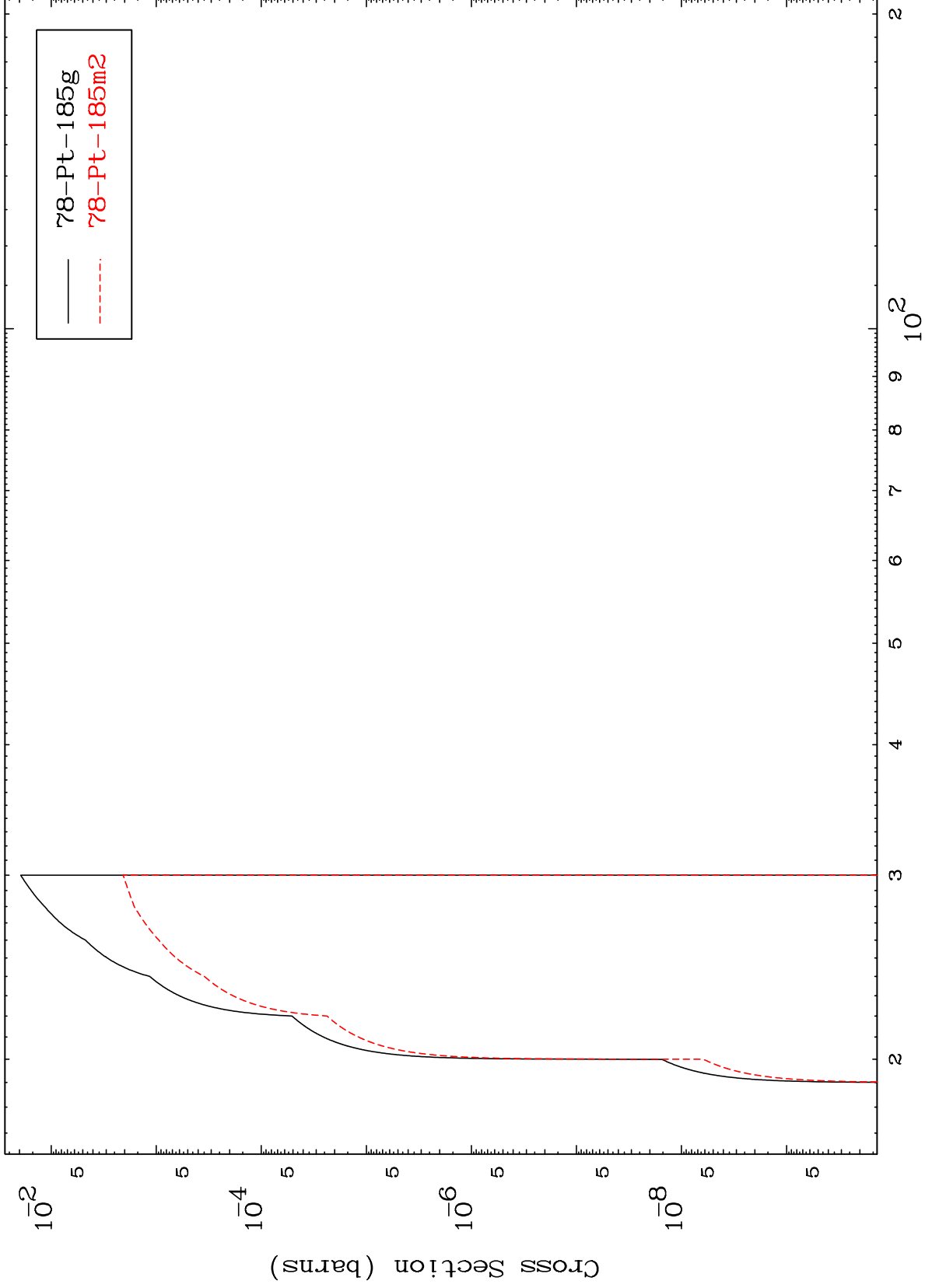
$\alpha$  Fission  
Radionuclide Production Cross Section



12

77-Ir-183

Radionuclide Production Cross Section

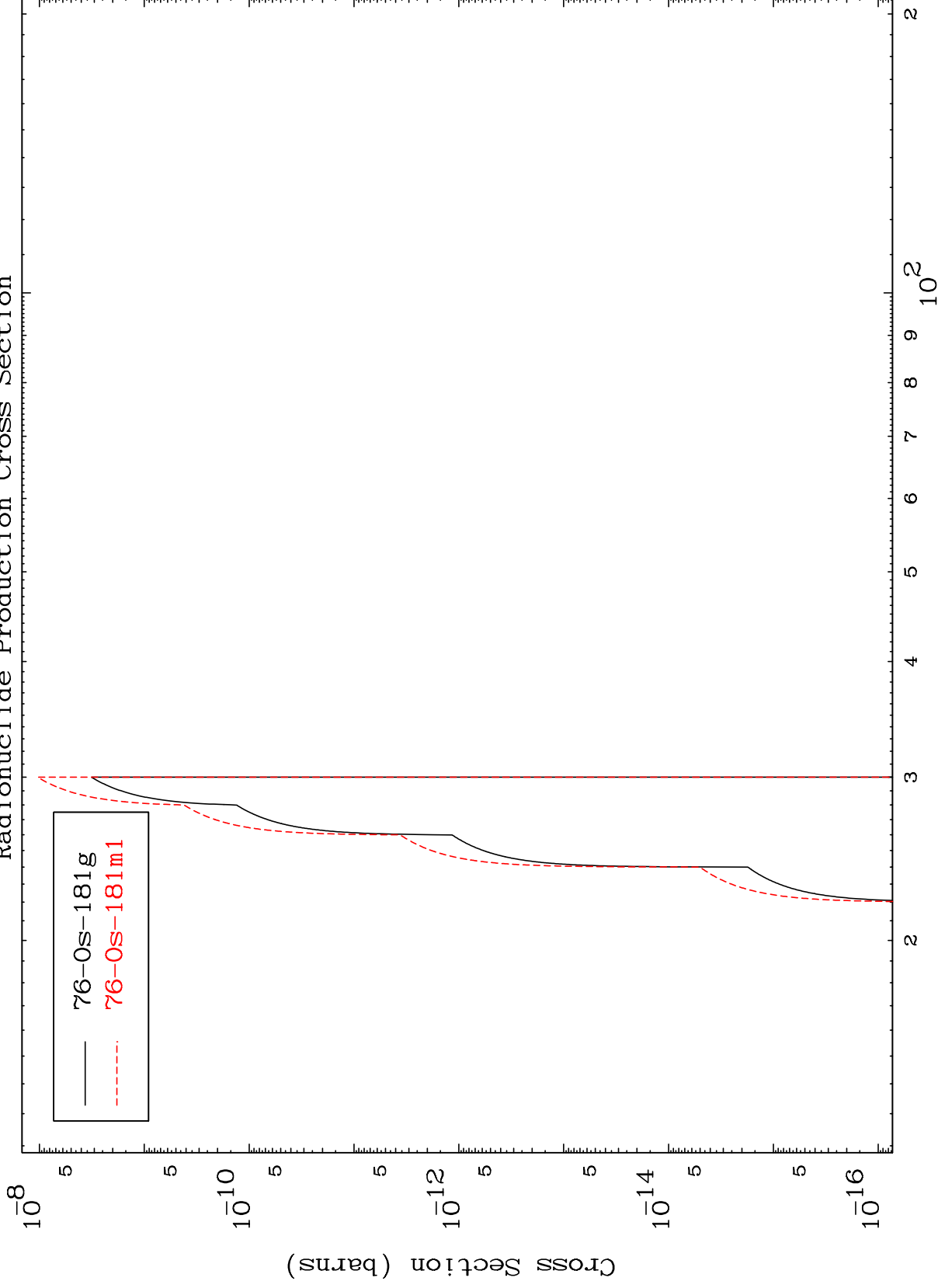


MAT 7701

( $\alpha, n'$ ) p  $\alpha$

<sup>77</sup>Ir-183

Radionuclide Production Cross Section



14

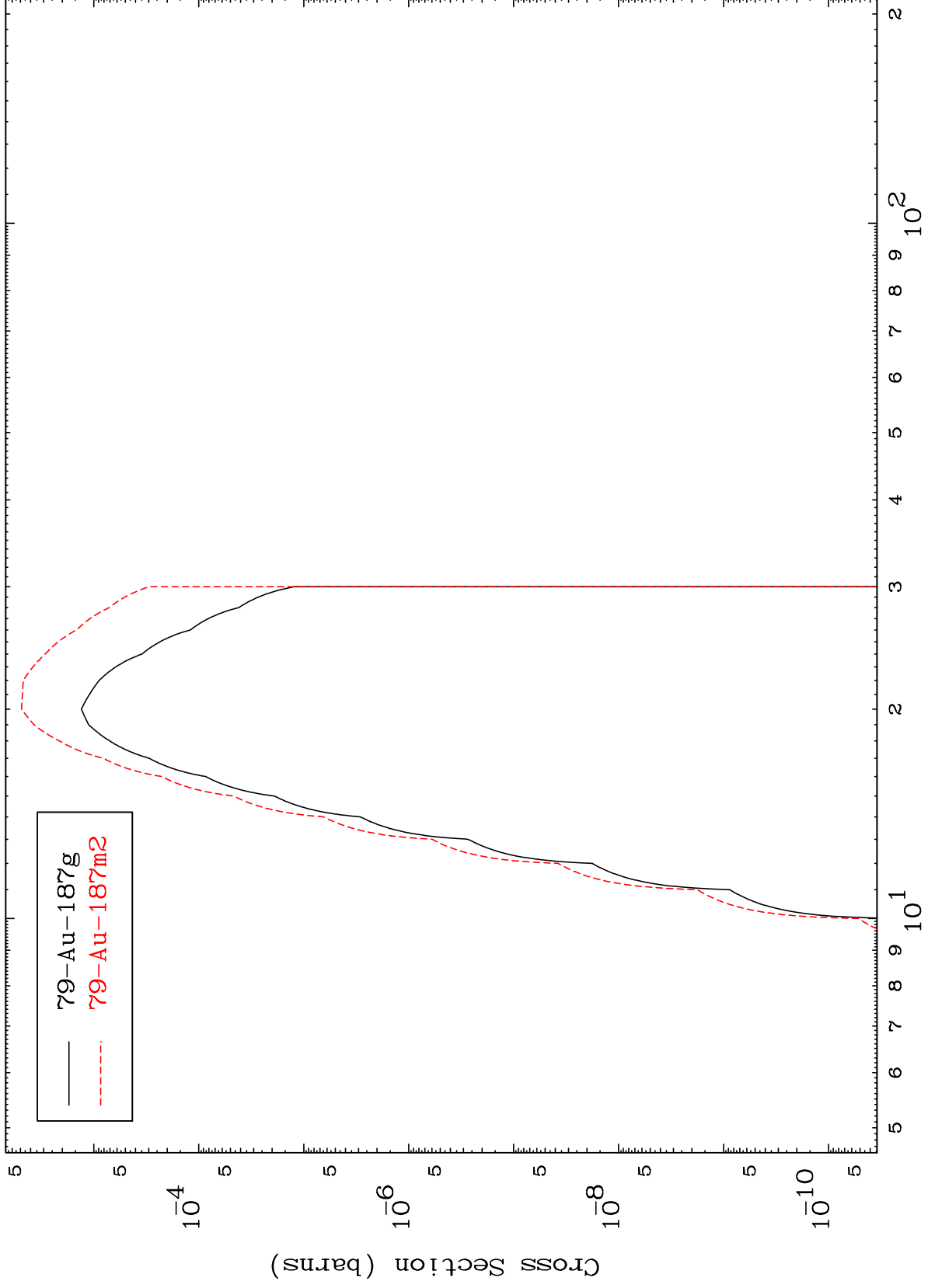
Incident Energy (MeV)

<sup>77</sup>Ir-183

MAT 7701

<sup>77</sup>Ir-183

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



15

Incident Energy (MeV)

<sup>77</sup>Ir-183



