

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

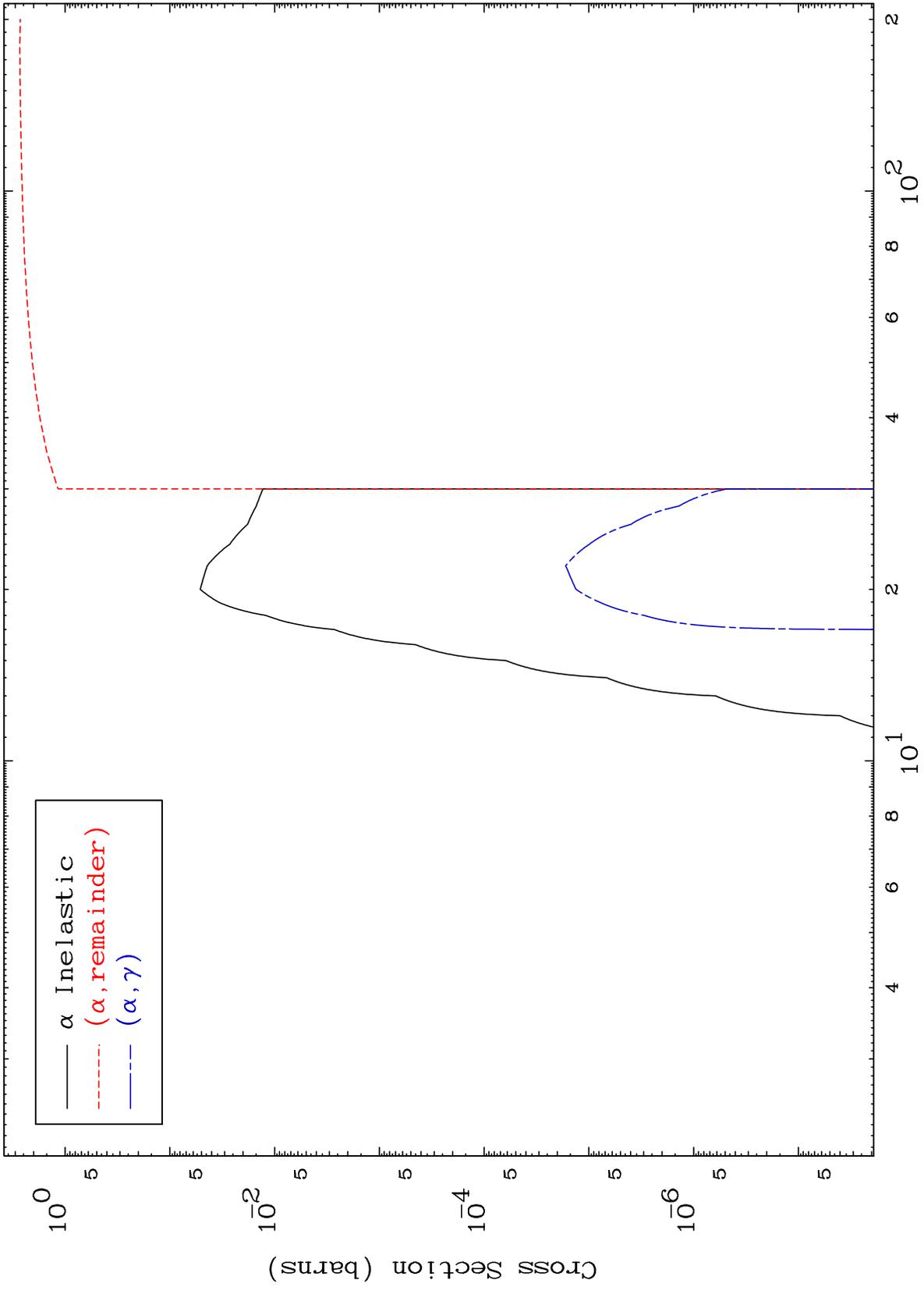
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7722

0 Kelvin  $\alpha$  Major

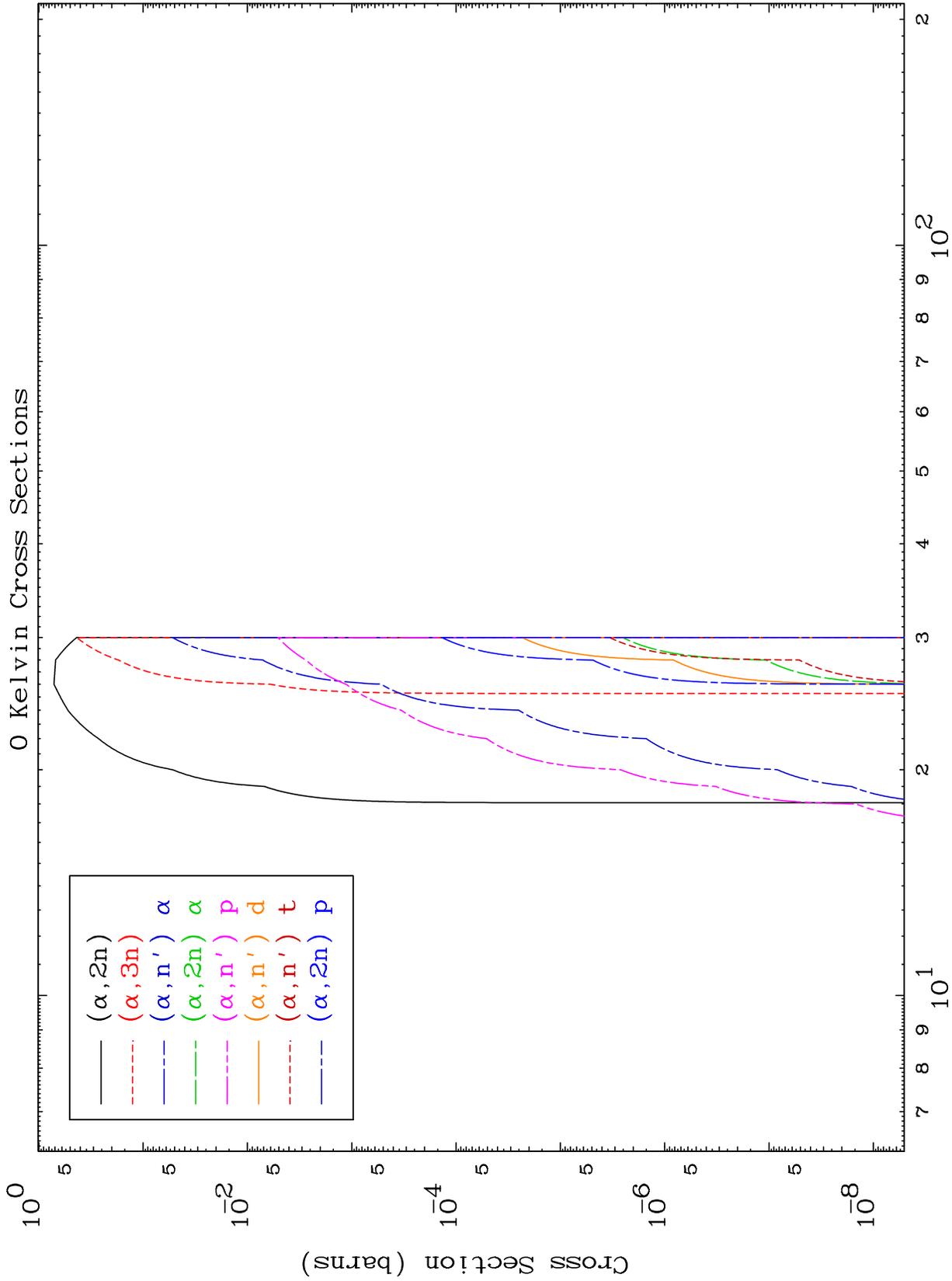
77-Ir-190



MAT 7722

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

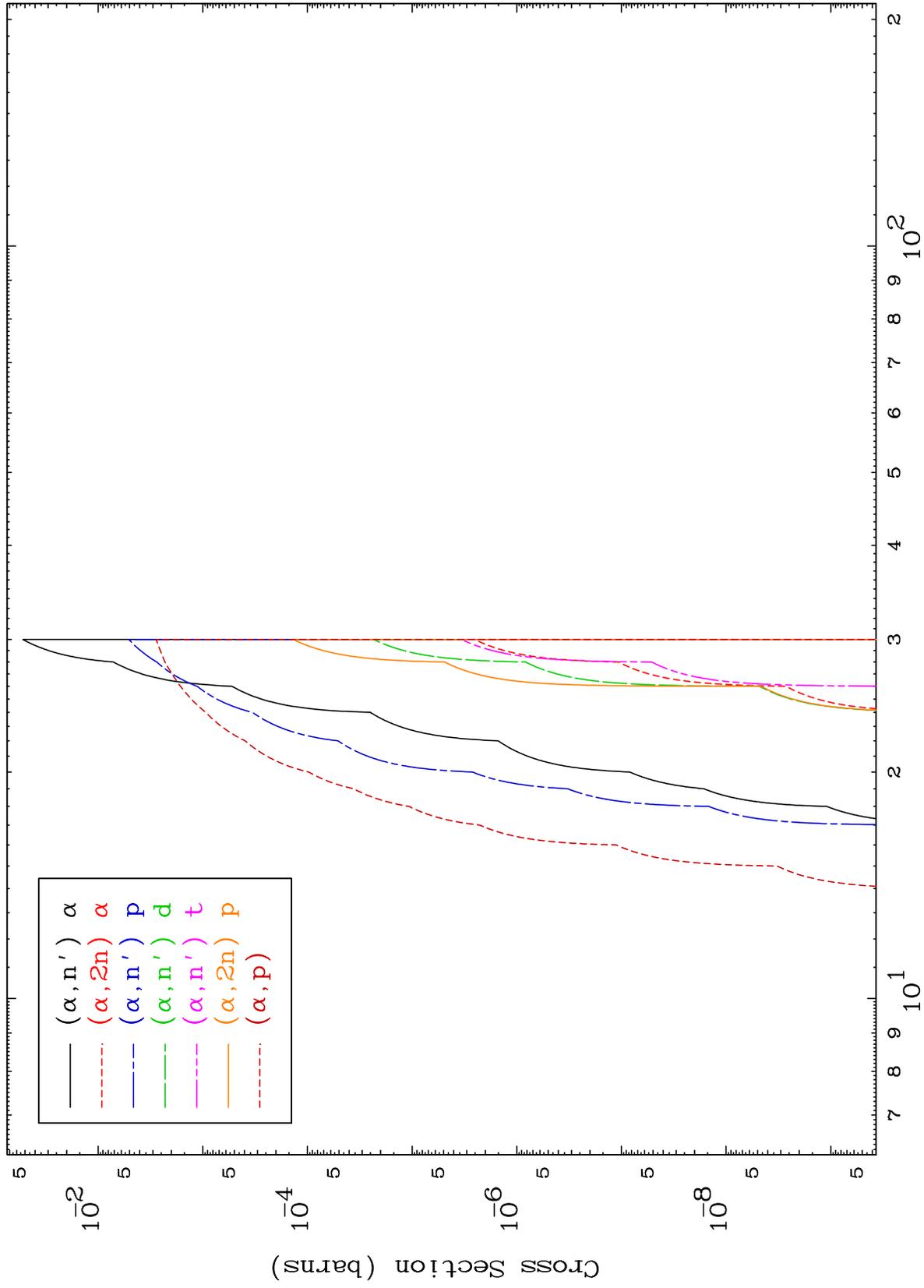
77-Ir-190

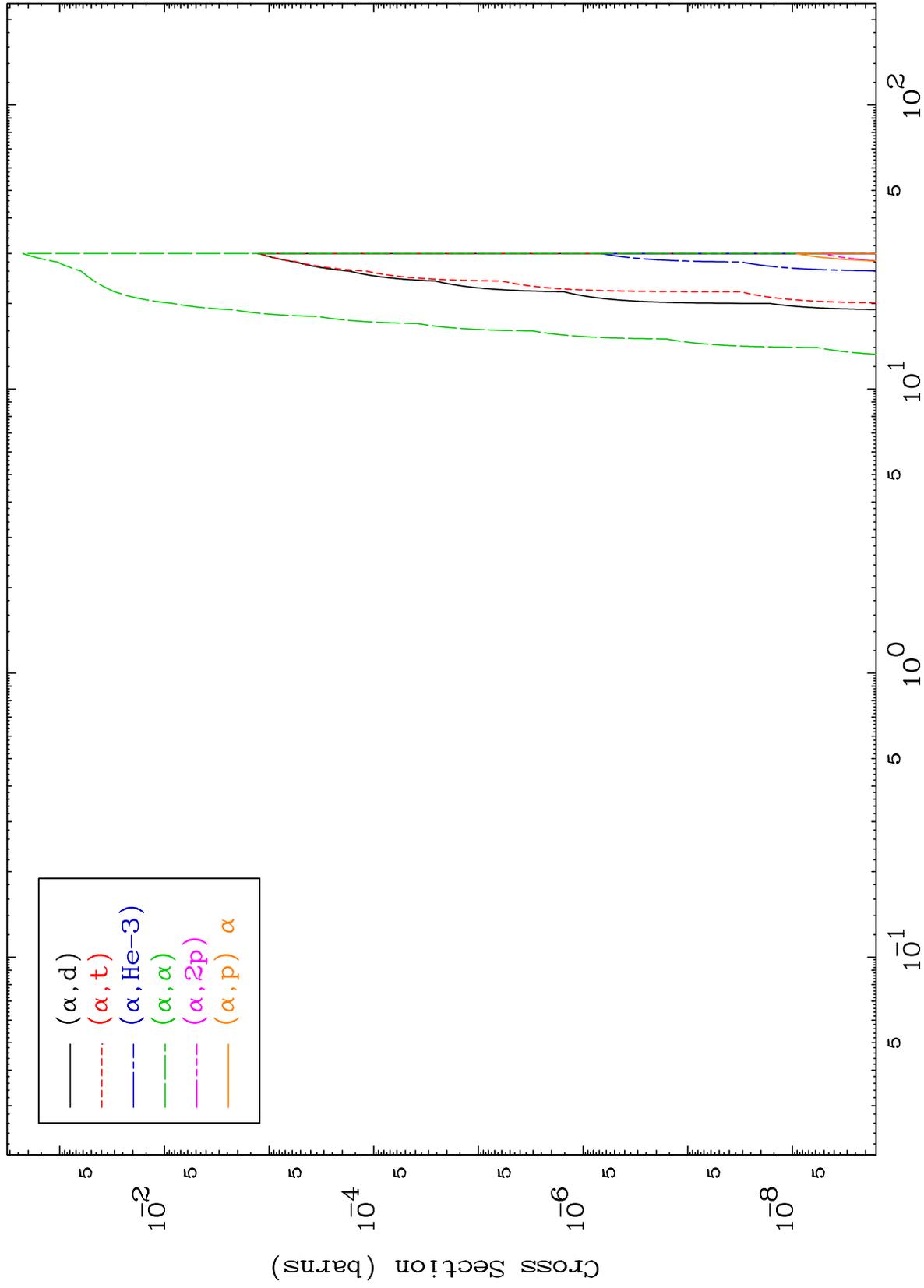


2

Incident Energy (MeV)

77-Ir-190

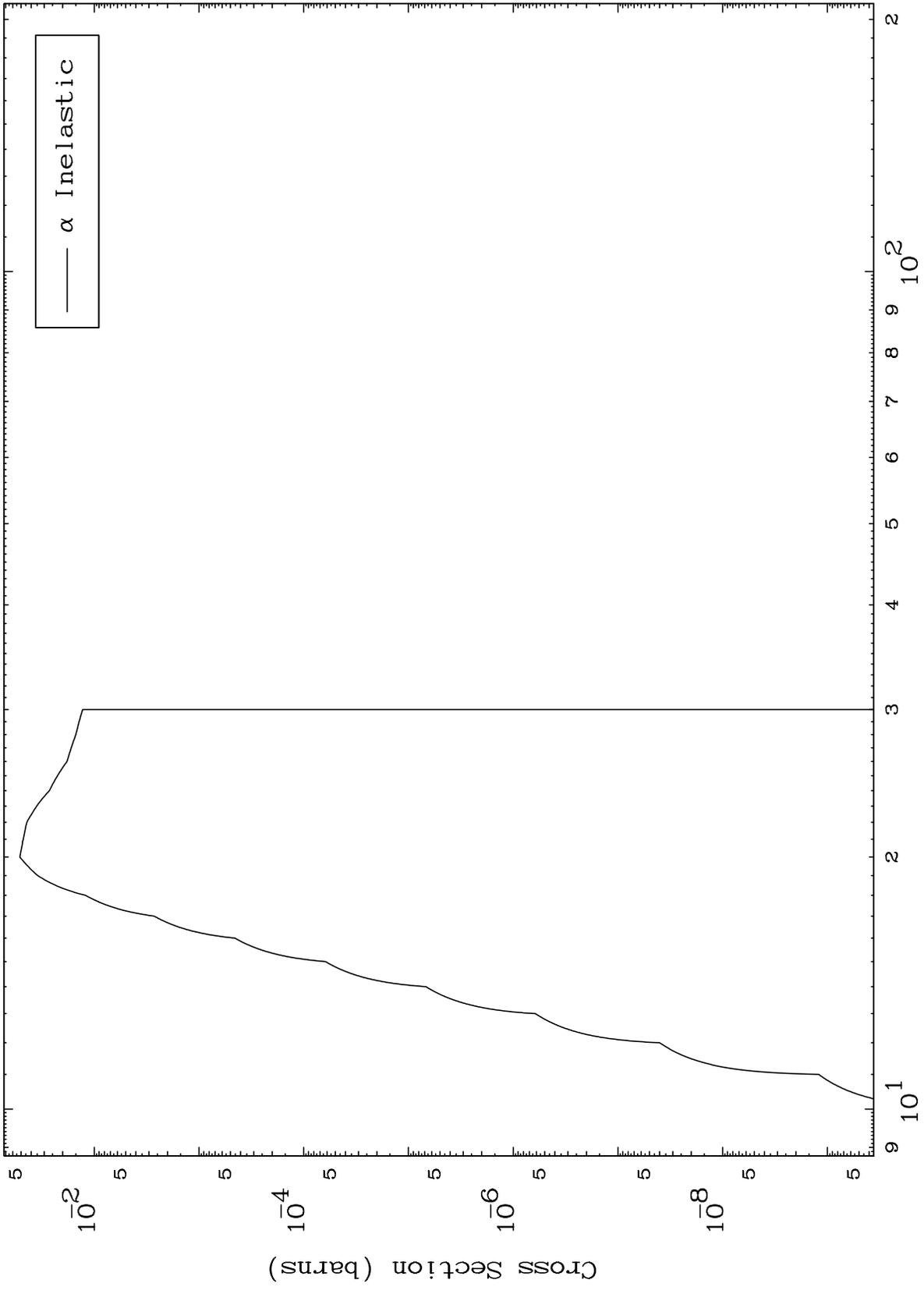




MAT 7722

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

77-Ir-190



77-Ir-190

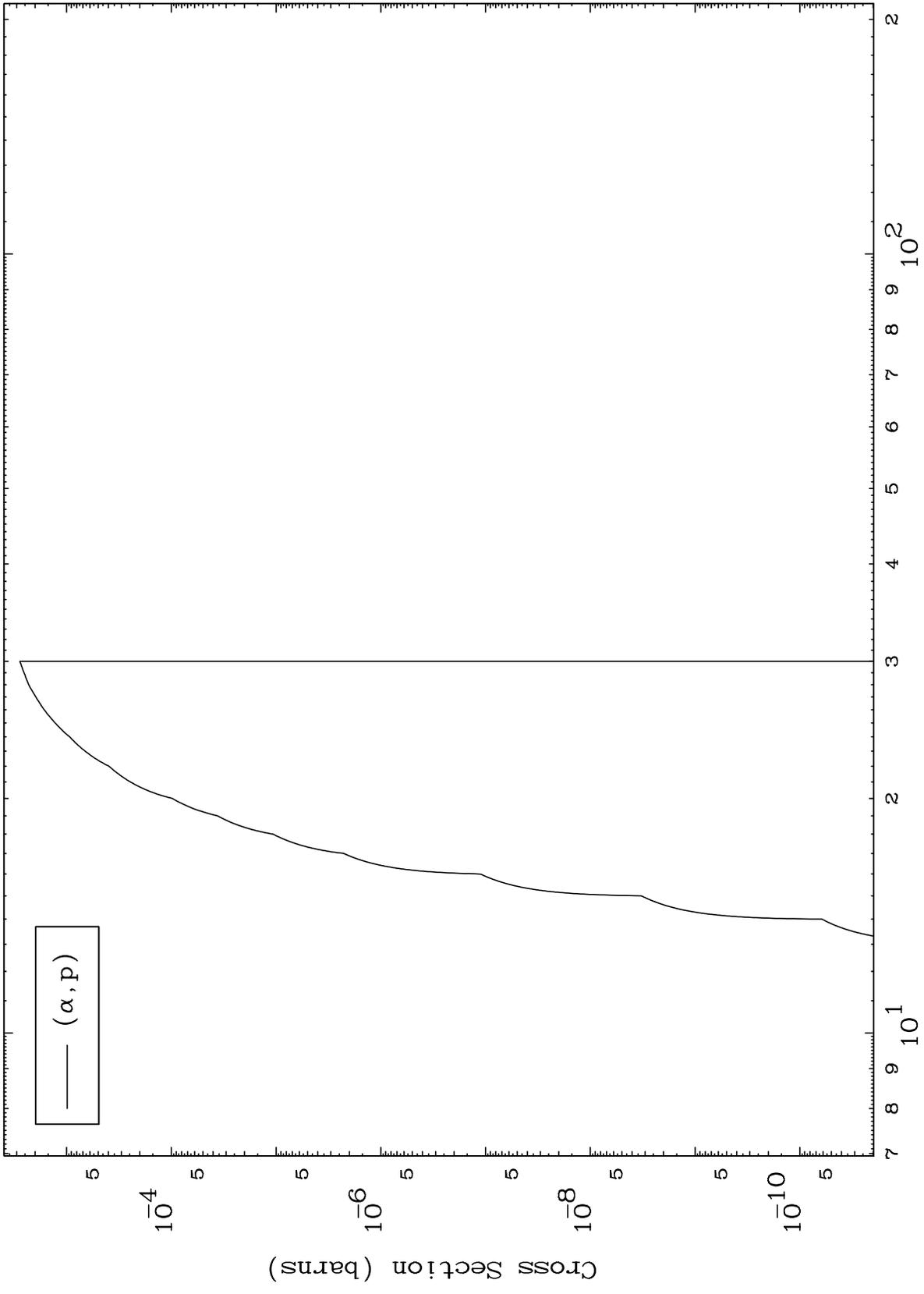
Incident Energy (MeV)

5

MAT 7722

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

77-Ir-190



6

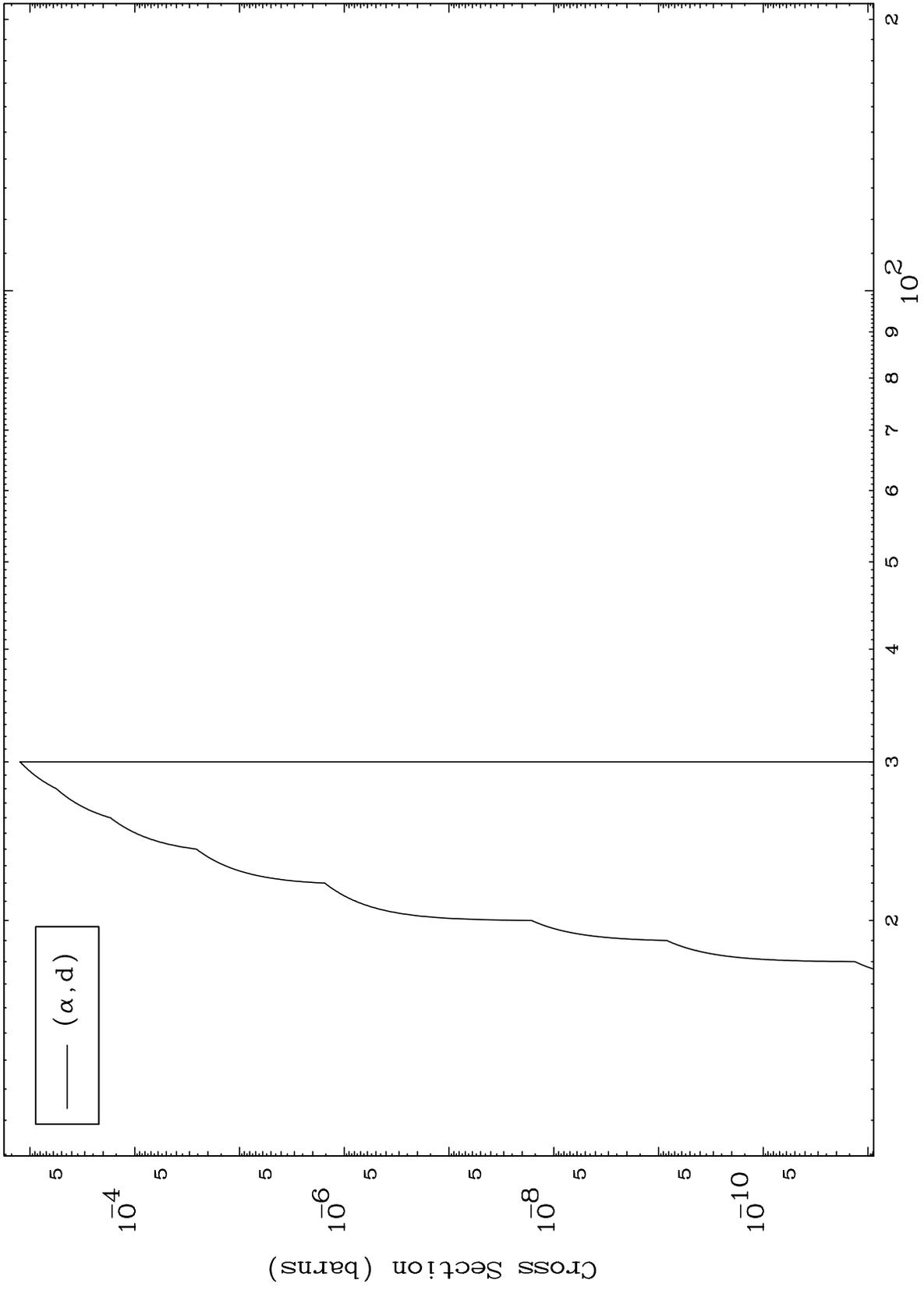
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



7

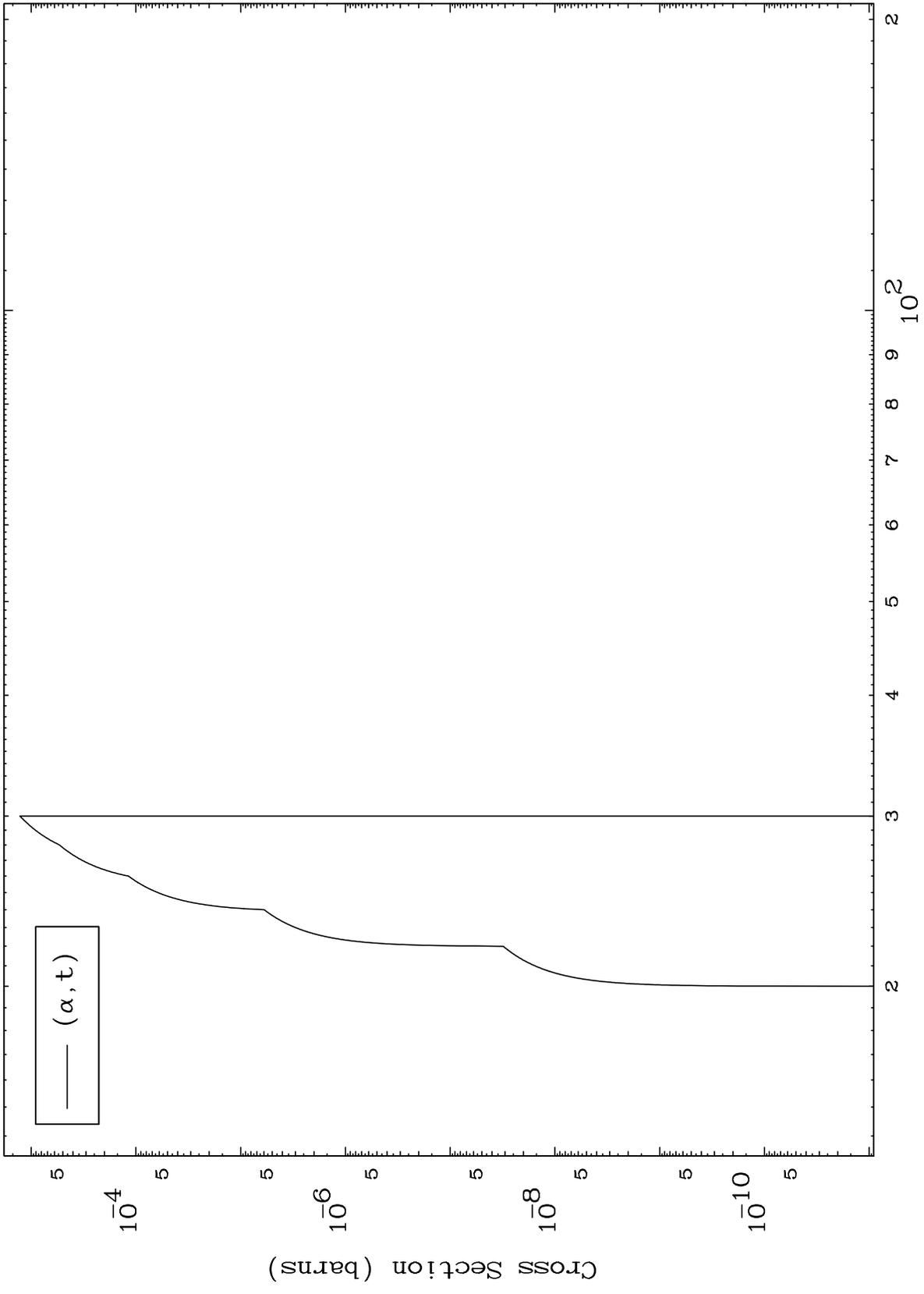
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

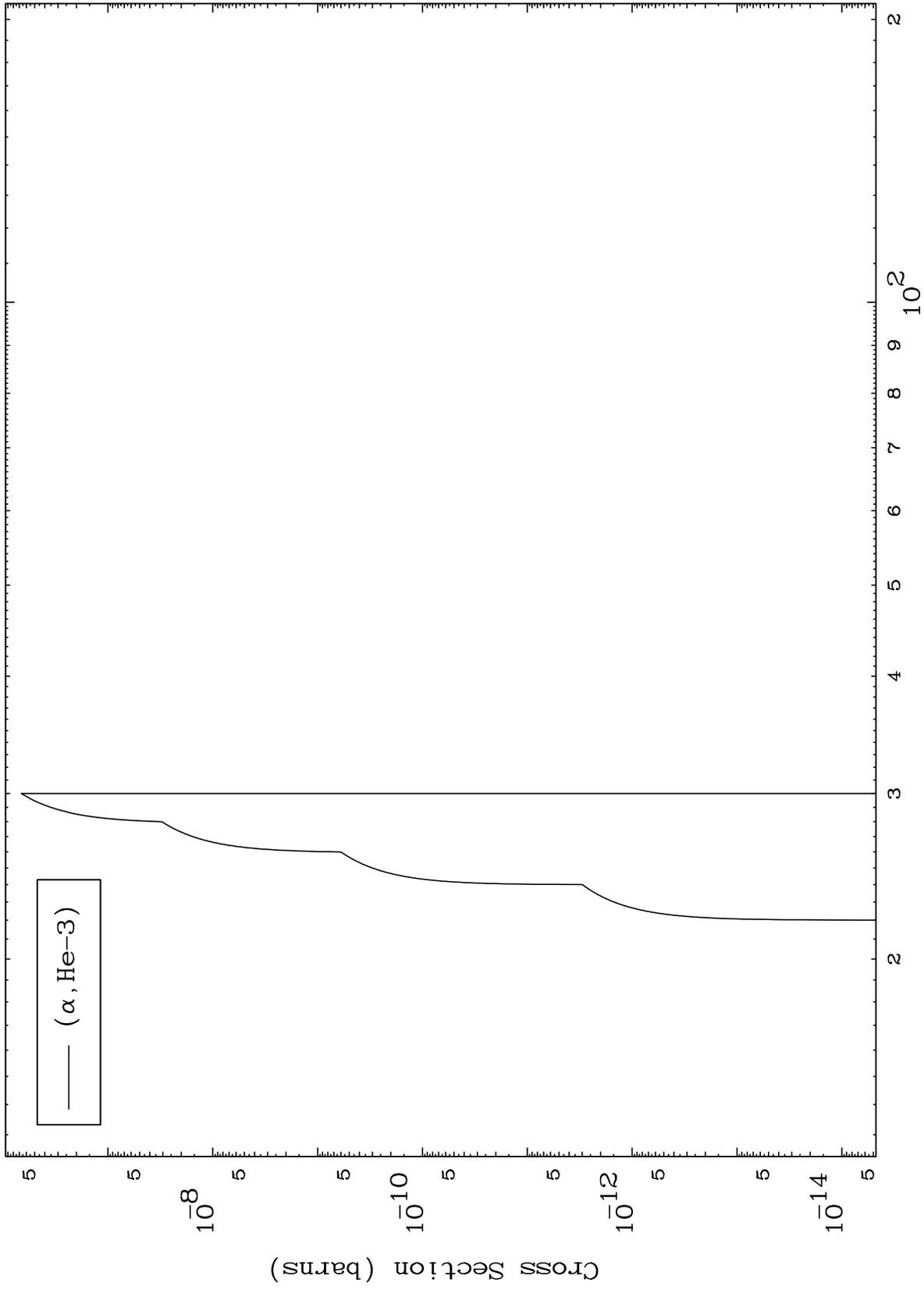
77-Ir-190



8

Incident Energy (MeV)

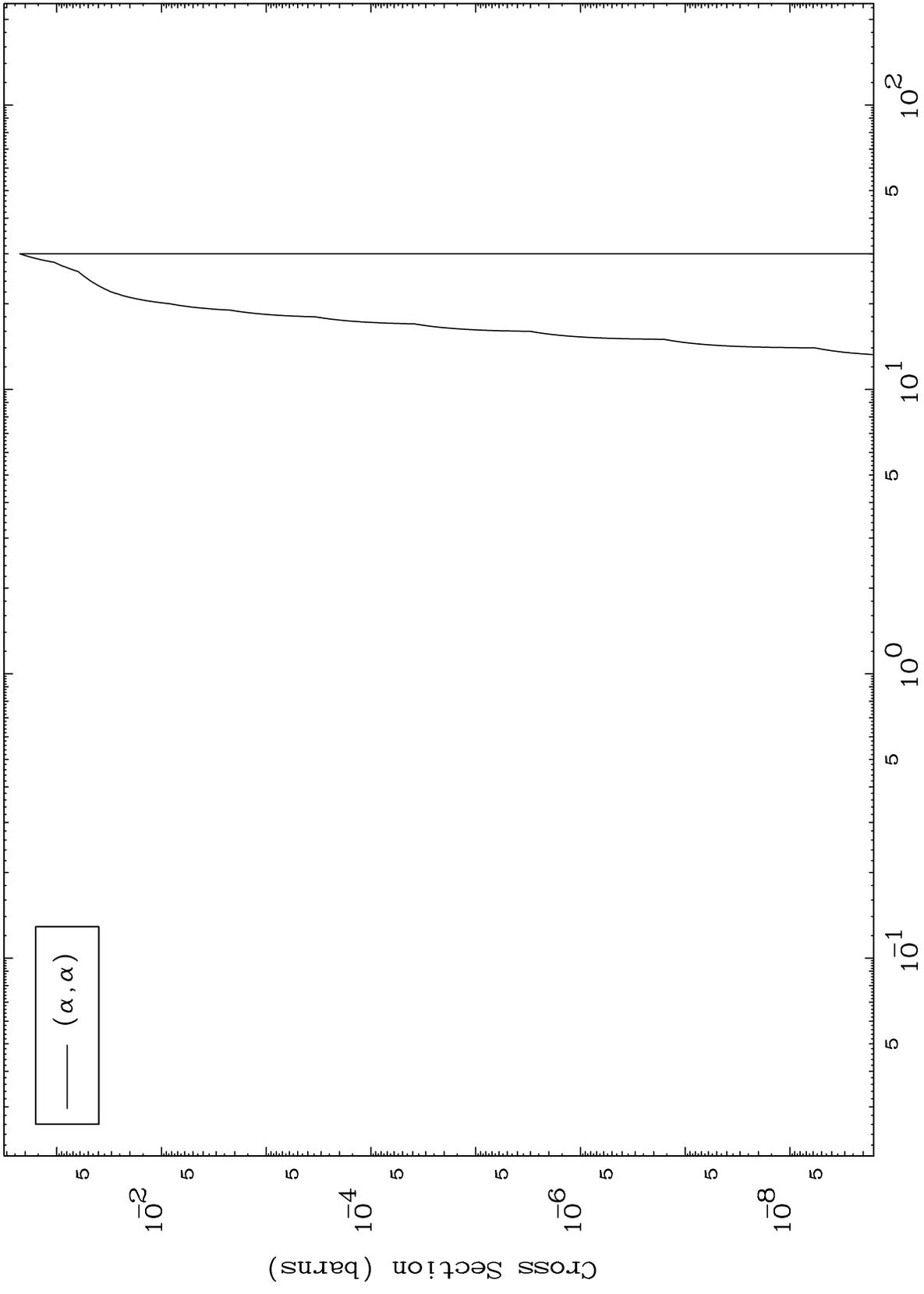
77-Ir-190



MAT 7722

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

77-Ir-190



10

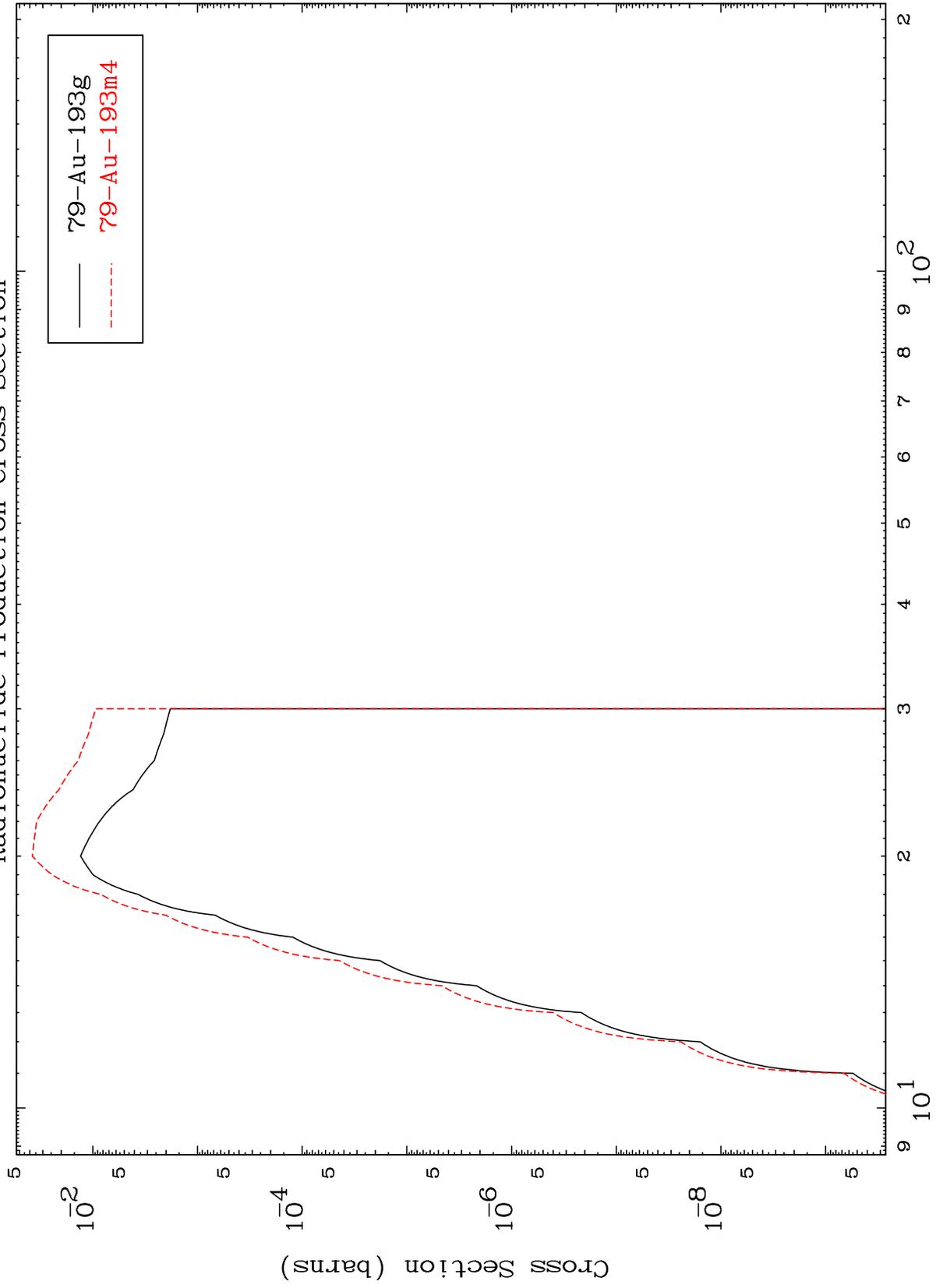
Incident Energy (MeV)

77-Ir-190

MAT 7722

$\alpha$  Inelastic  
Radionuclide Production Cross Section

77-Ir-190



11

Incident Energy (MeV)

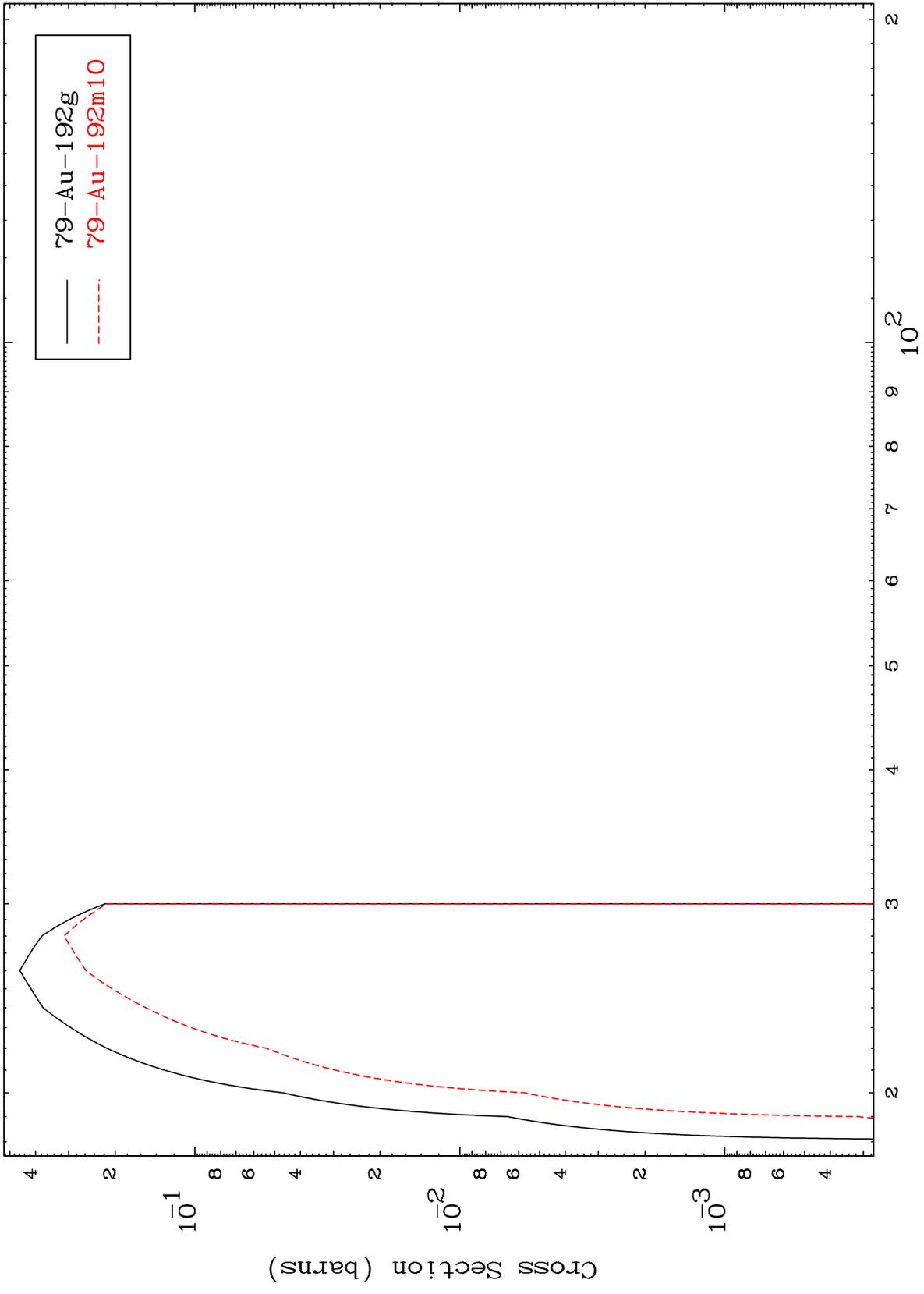
77-Ir-190

MAT 7722

( $\alpha, 2n$ )

77-Ir-190

Radionuclide Production Cross Section



12

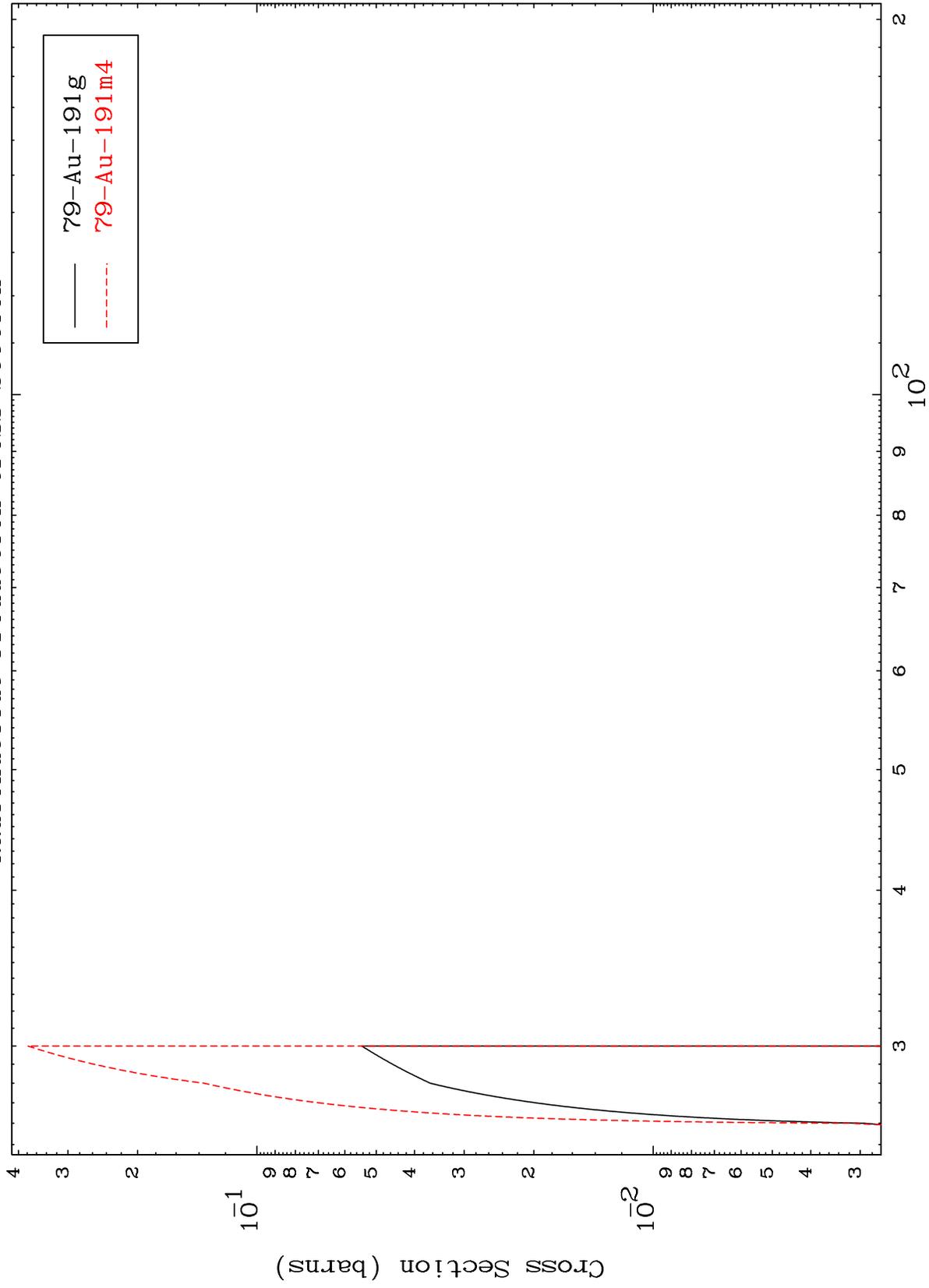
Incident Energy (MeV)

77-Ir-190

MAT 7722

77-Ir-190

( $\alpha, 3n$ )  
Radionuclide Production Cross Section



13

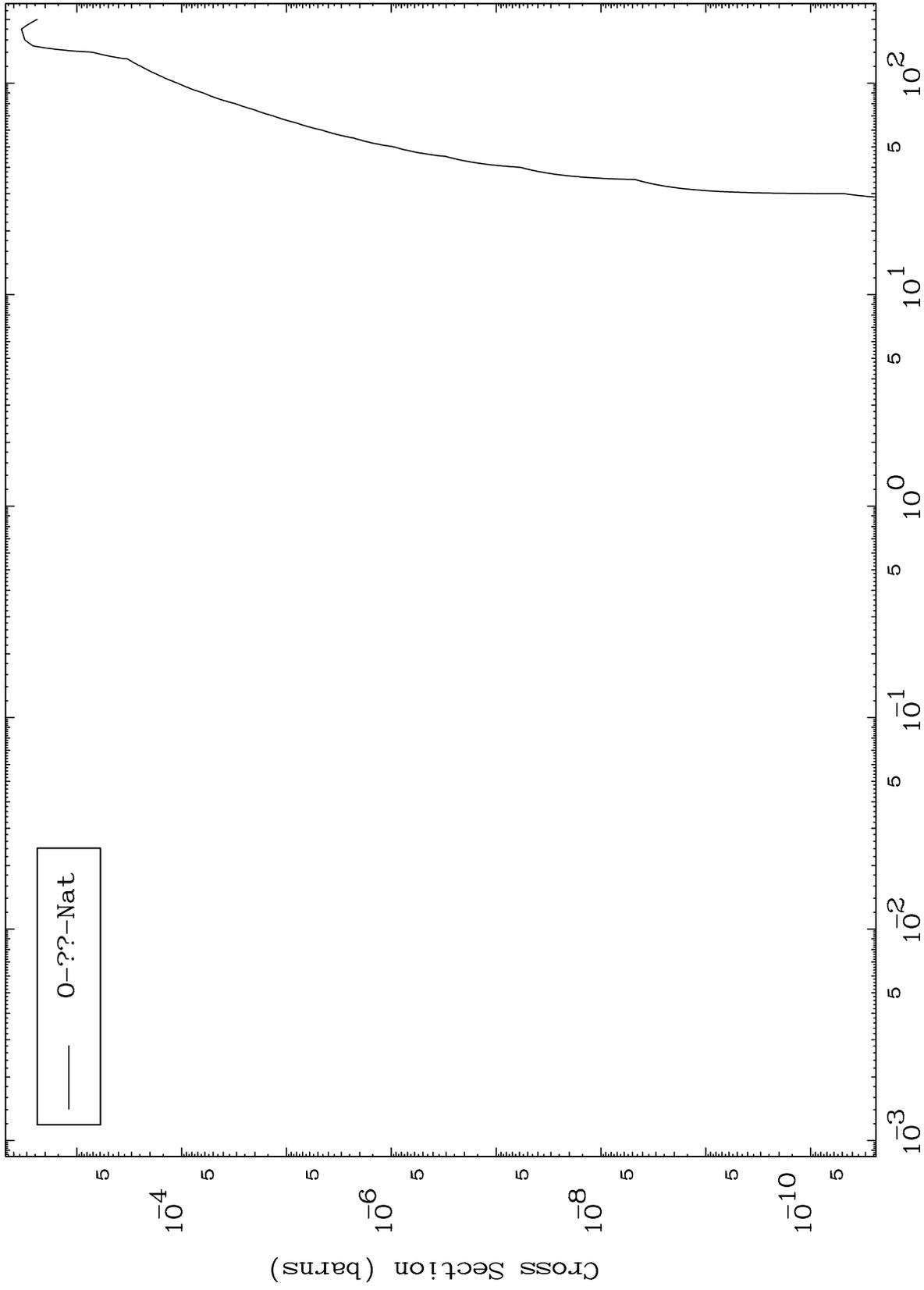
Incident Energy (MeV)

77-Ir-190

MAT 7722

$\alpha$  Fission  
Radionuclide Production Cross Section

77-Ir-190



14

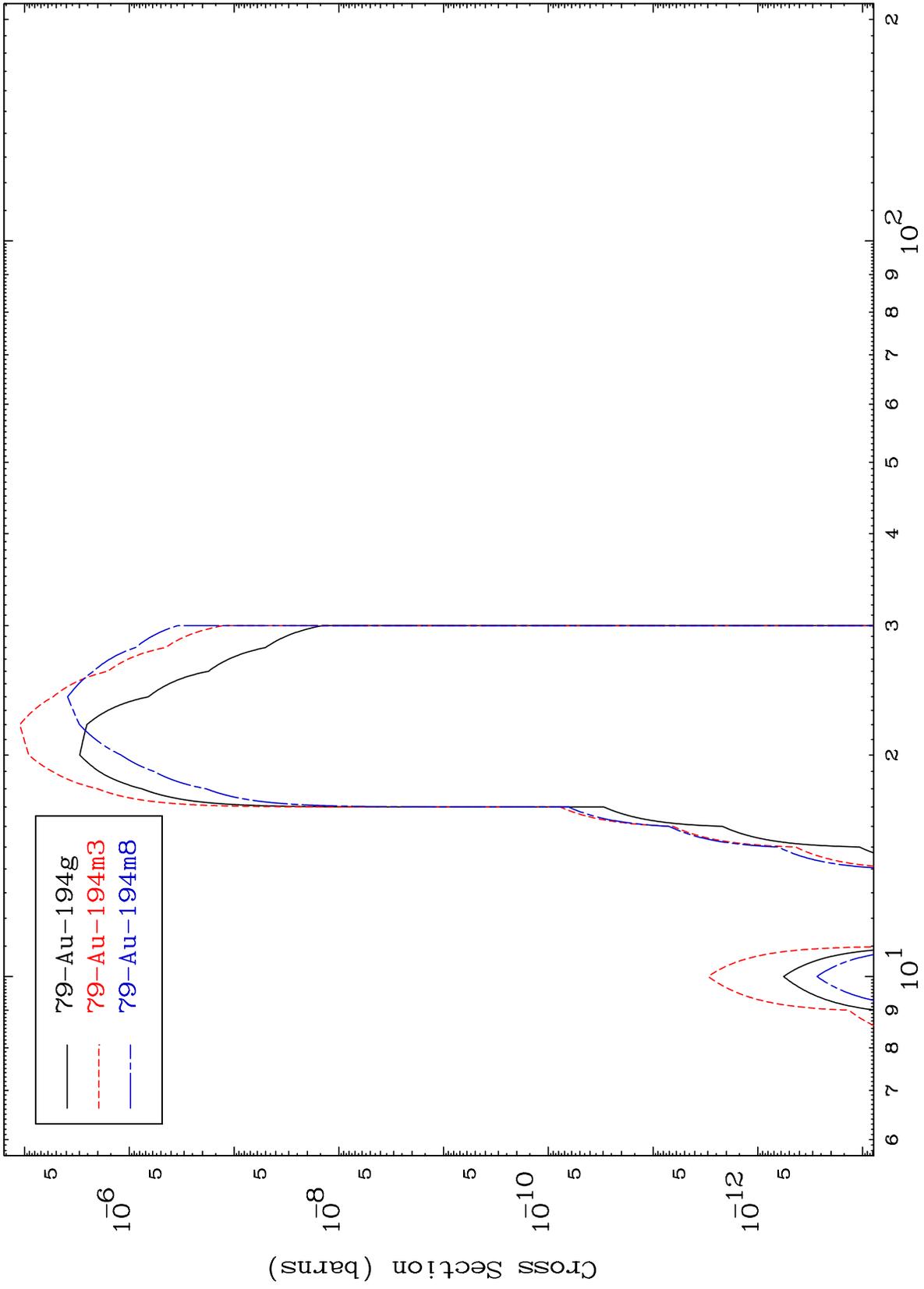
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

<sup>77</sup>Ir-190



15

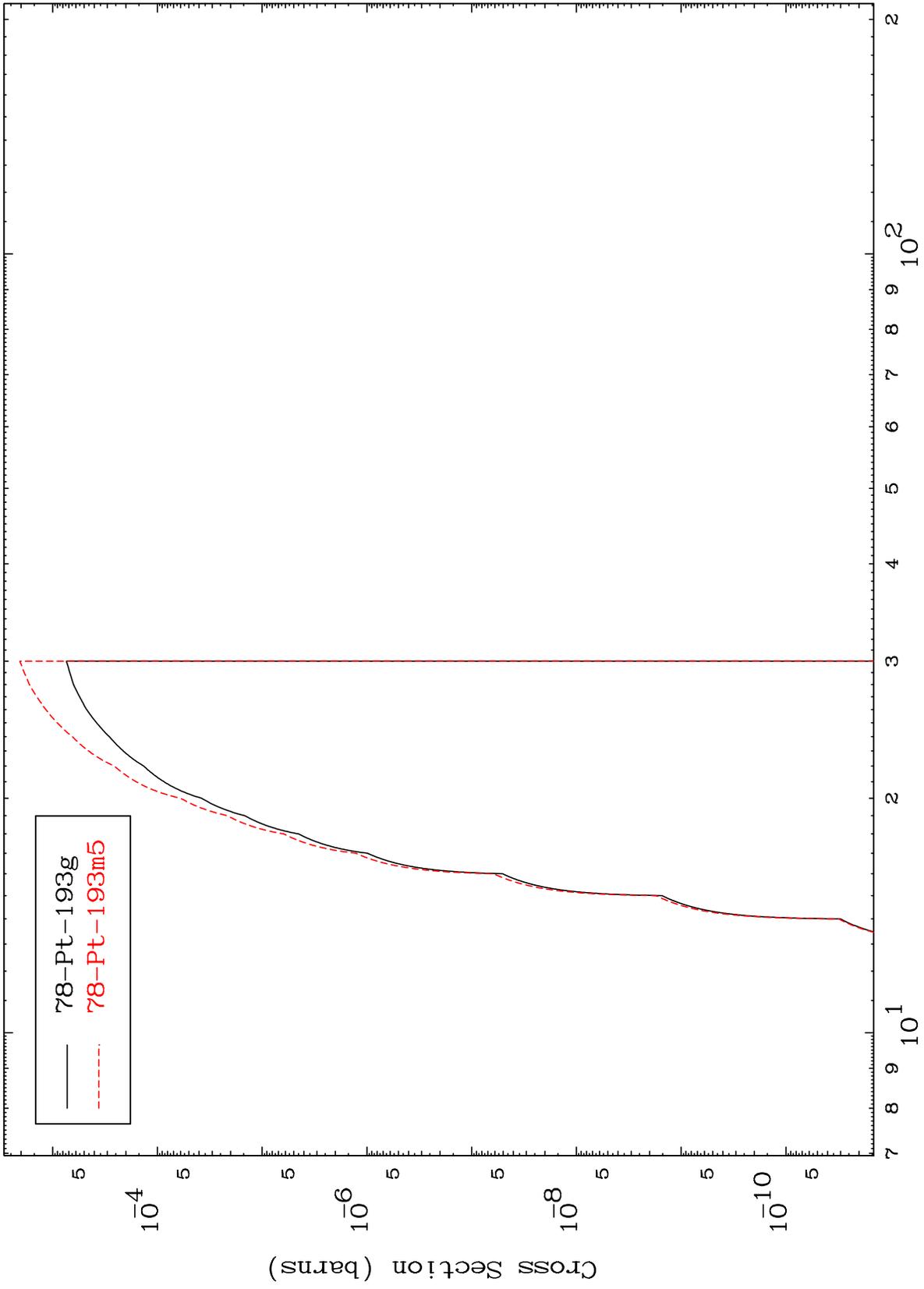
Incident Energy (MeV)

<sup>77</sup>Ir-190

MAT 7722

77-Ir-190

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

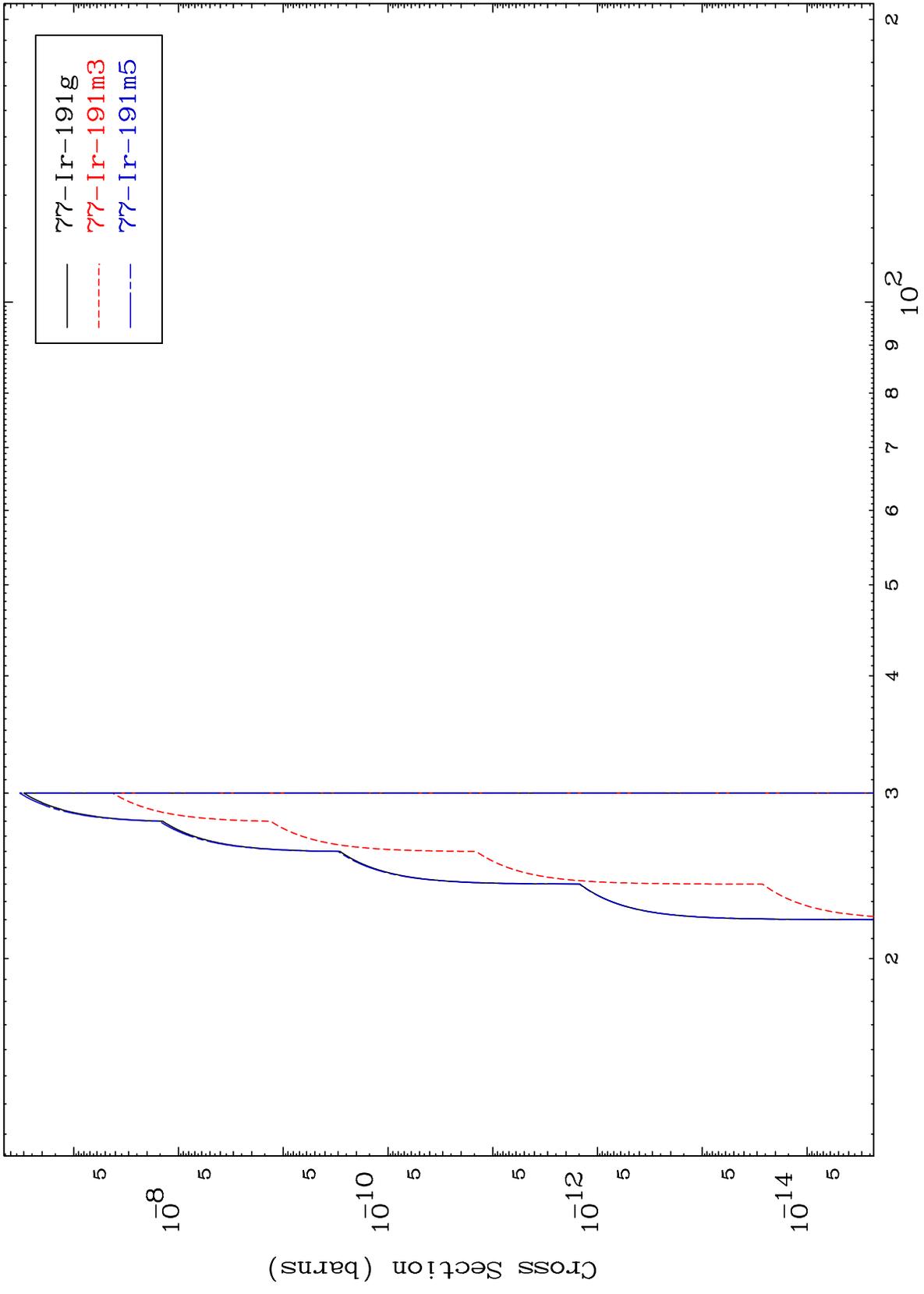


16

Incident Energy (MeV)

77-Ir-190

Radionuclide Production Cross Section

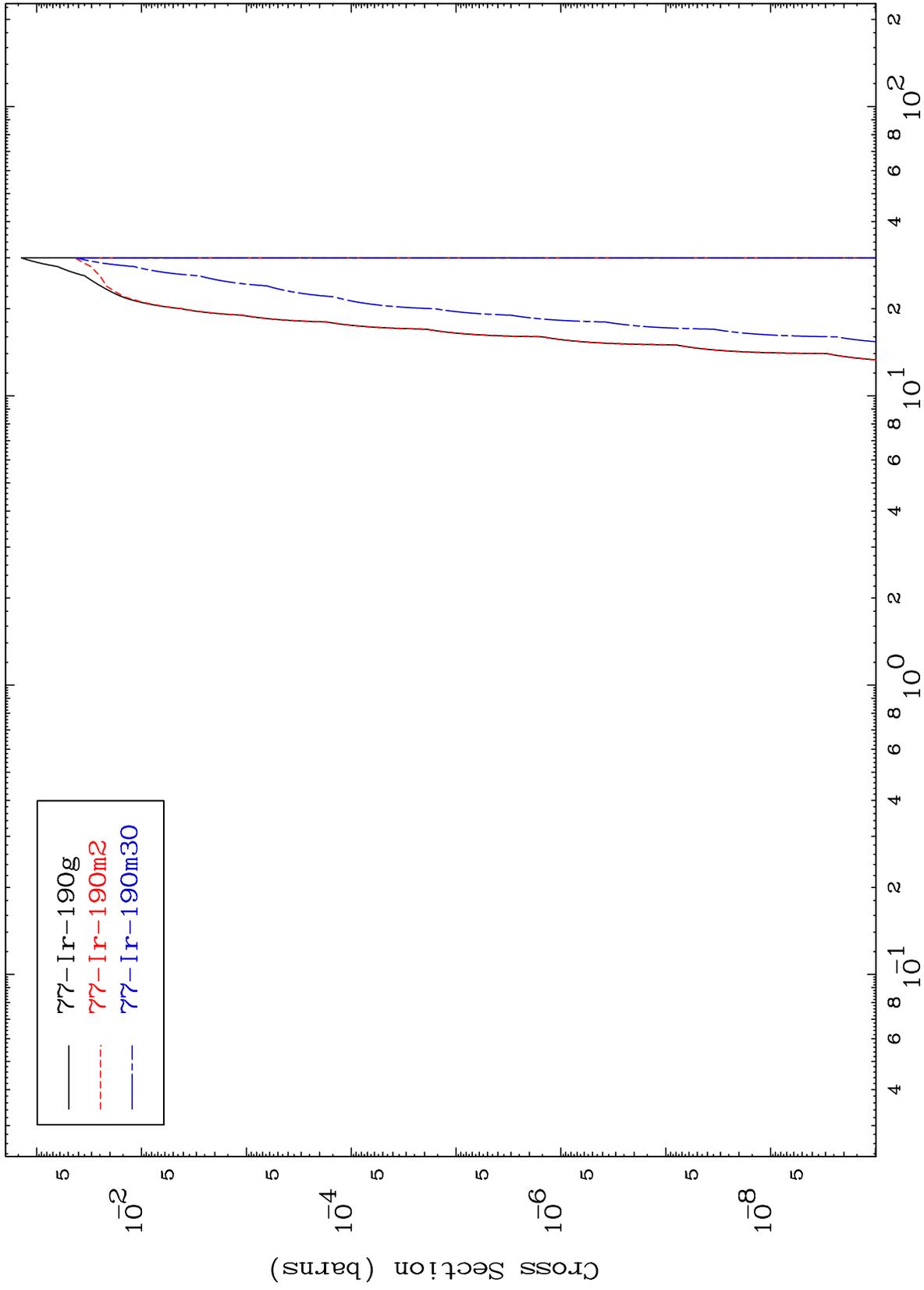


MAT 7722

( $\alpha, \alpha$ )

<sup>77</sup>Ir-190

Radionuclide Production Cross Section



18

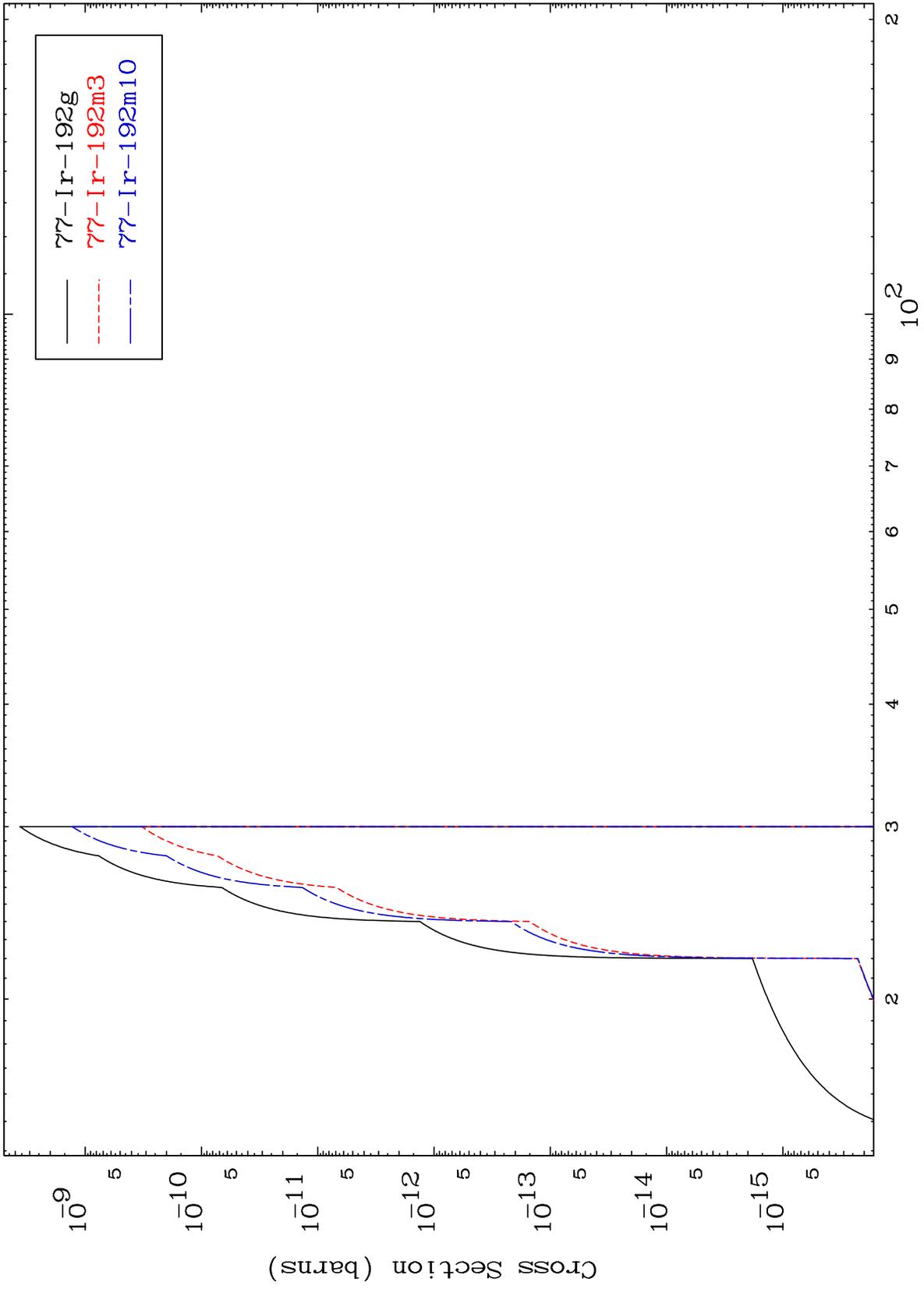
Incident Energy (MeV)

<sup>77</sup>Ir-190

MAT 7722

77-Ir-190

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



19

Incident Energy (MeV)

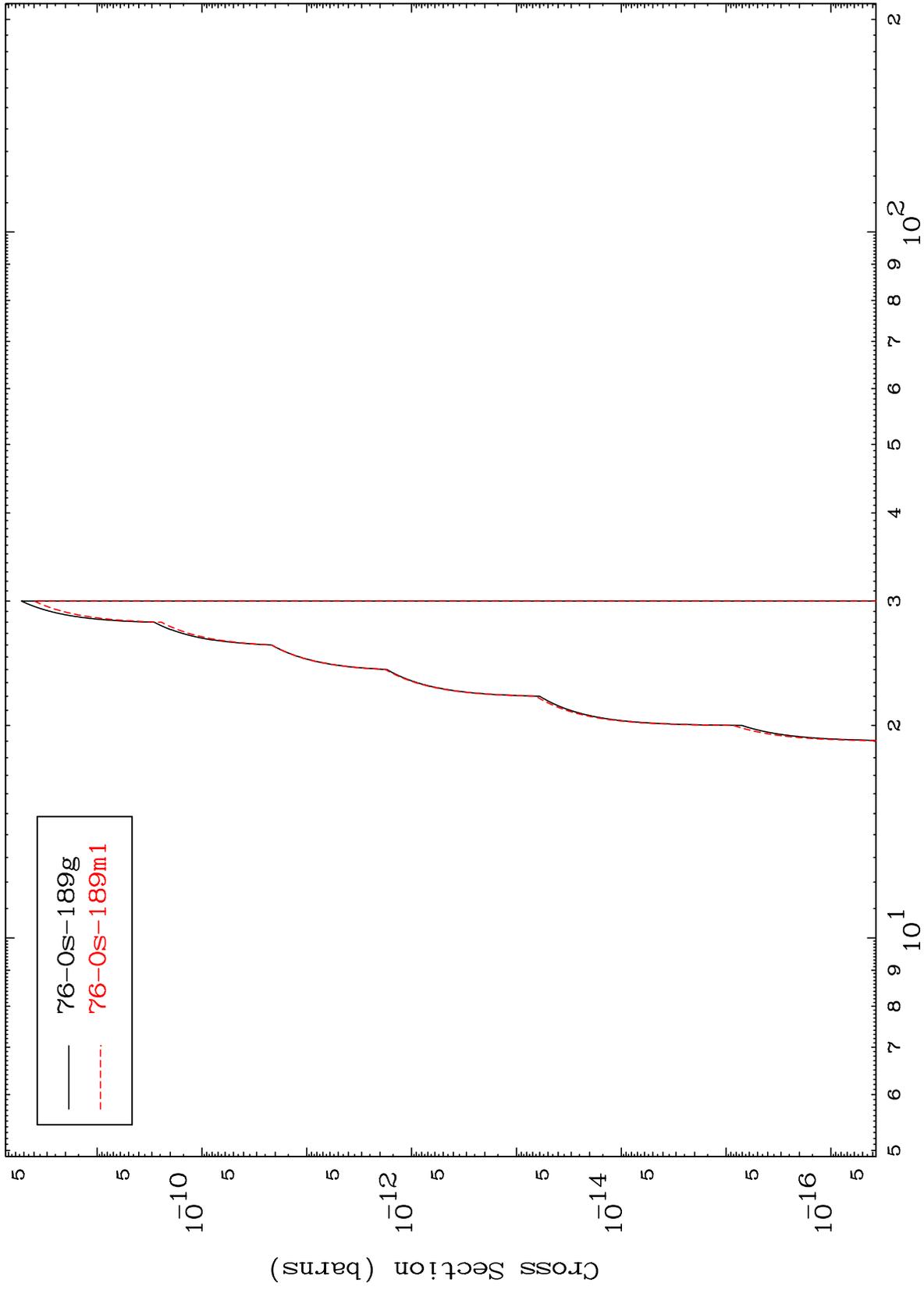
77-Ir-190

MAT 7722

( $\alpha, p$ )  $\alpha$

77-Ir-190

Radionuclide Production Cross Section



20

Incident Energy (MeV)

77-Ir-190