

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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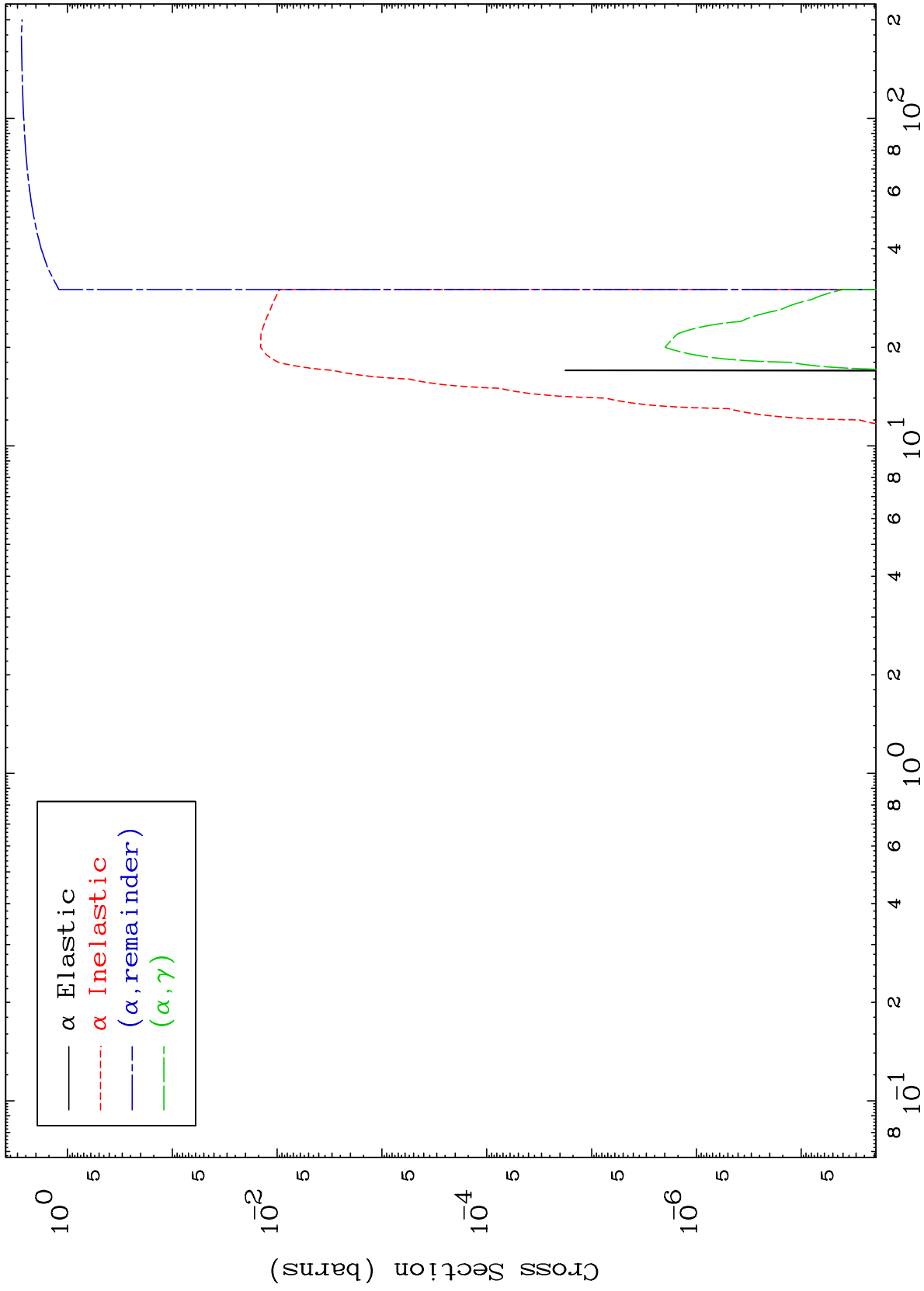
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7738

0 Kelvin  $\alpha$  Major  
Cross Sections

77-Ir-195



1

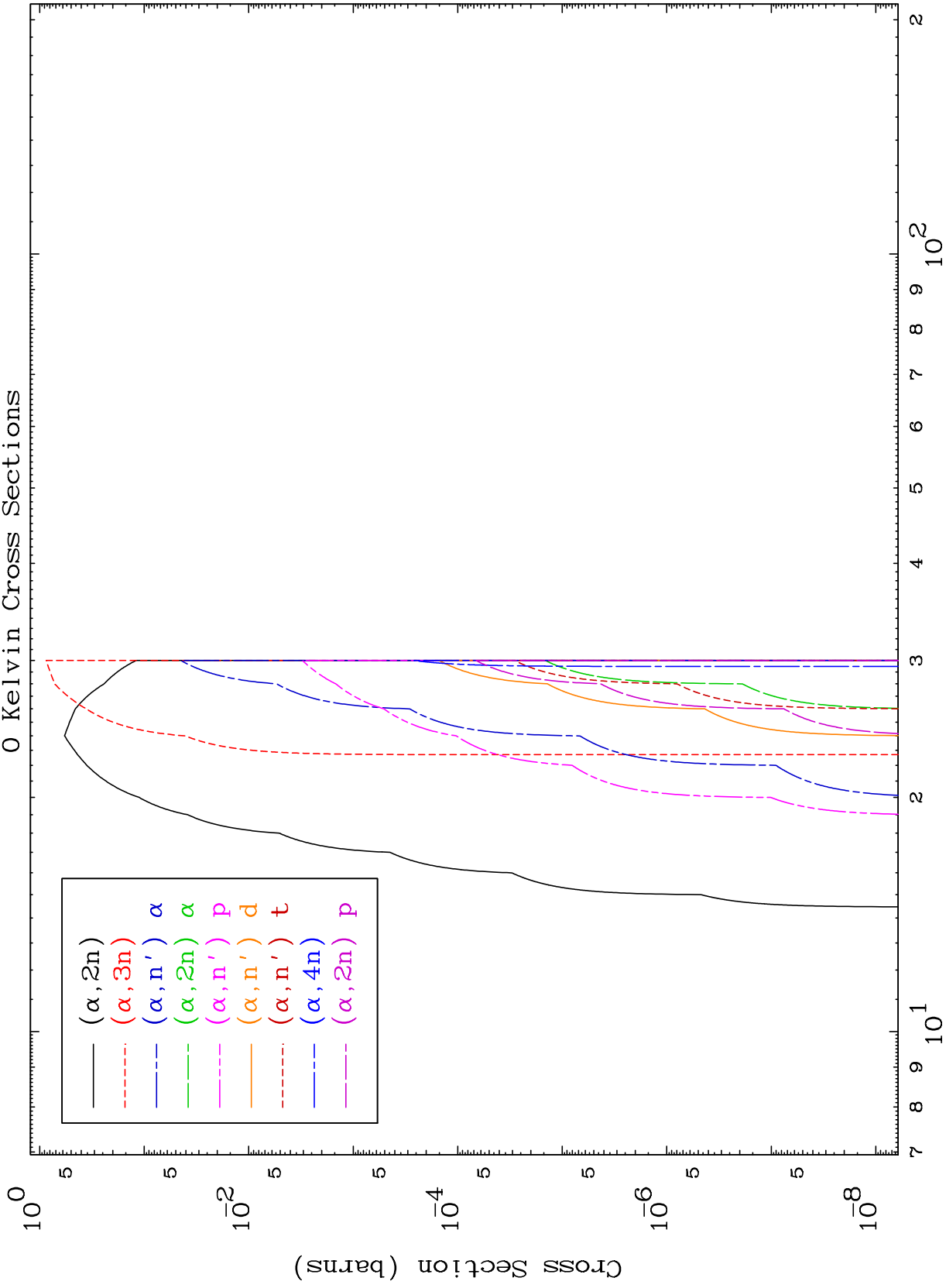
Incident Energy (MeV)

77-Ir-195

MAT 7738

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

77-Ir-195



2

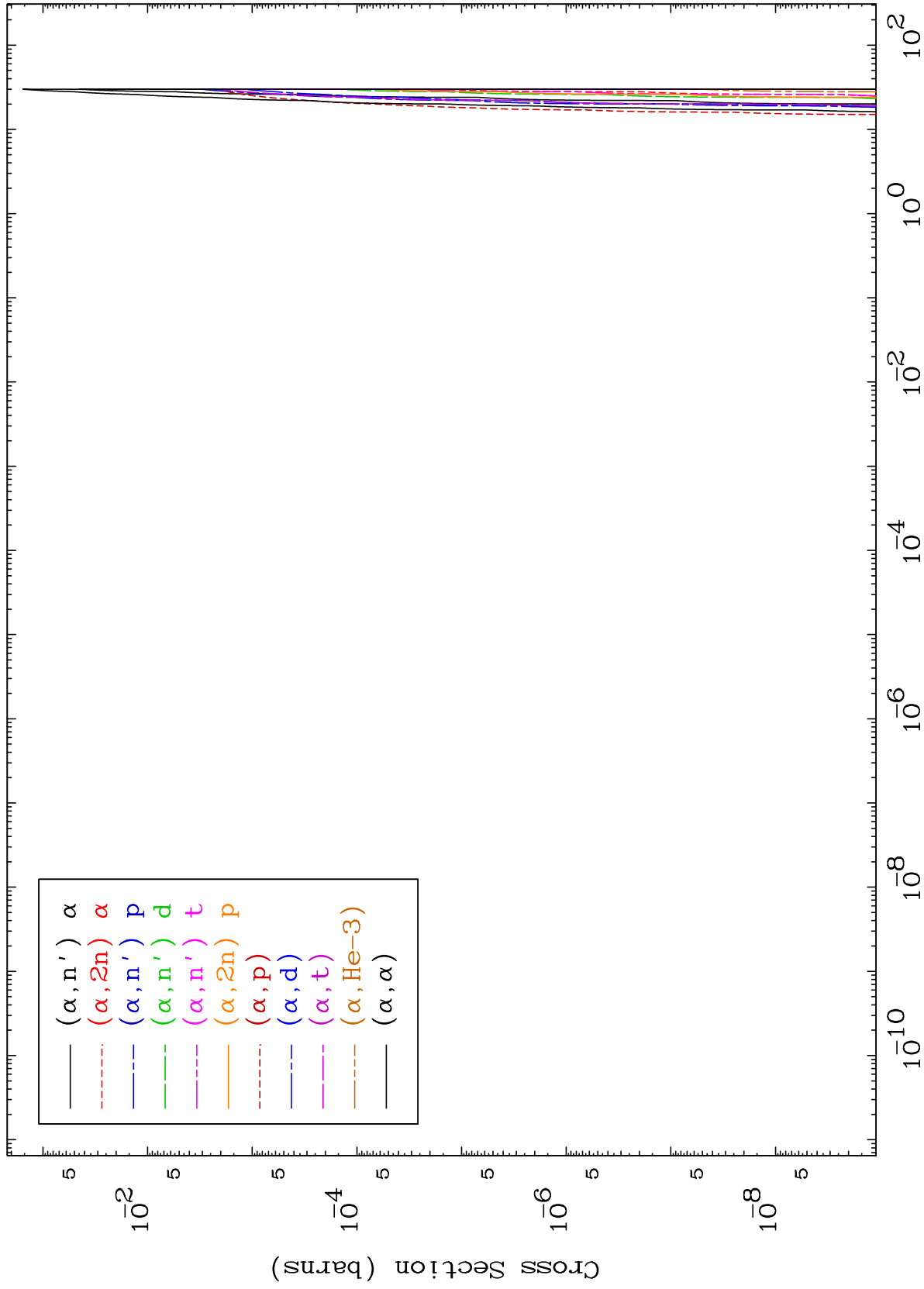
Incident Energy (MeV)

77-Ir-195

MAT 7738

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

77-Ir-195



3

Incident Energy (MeV)

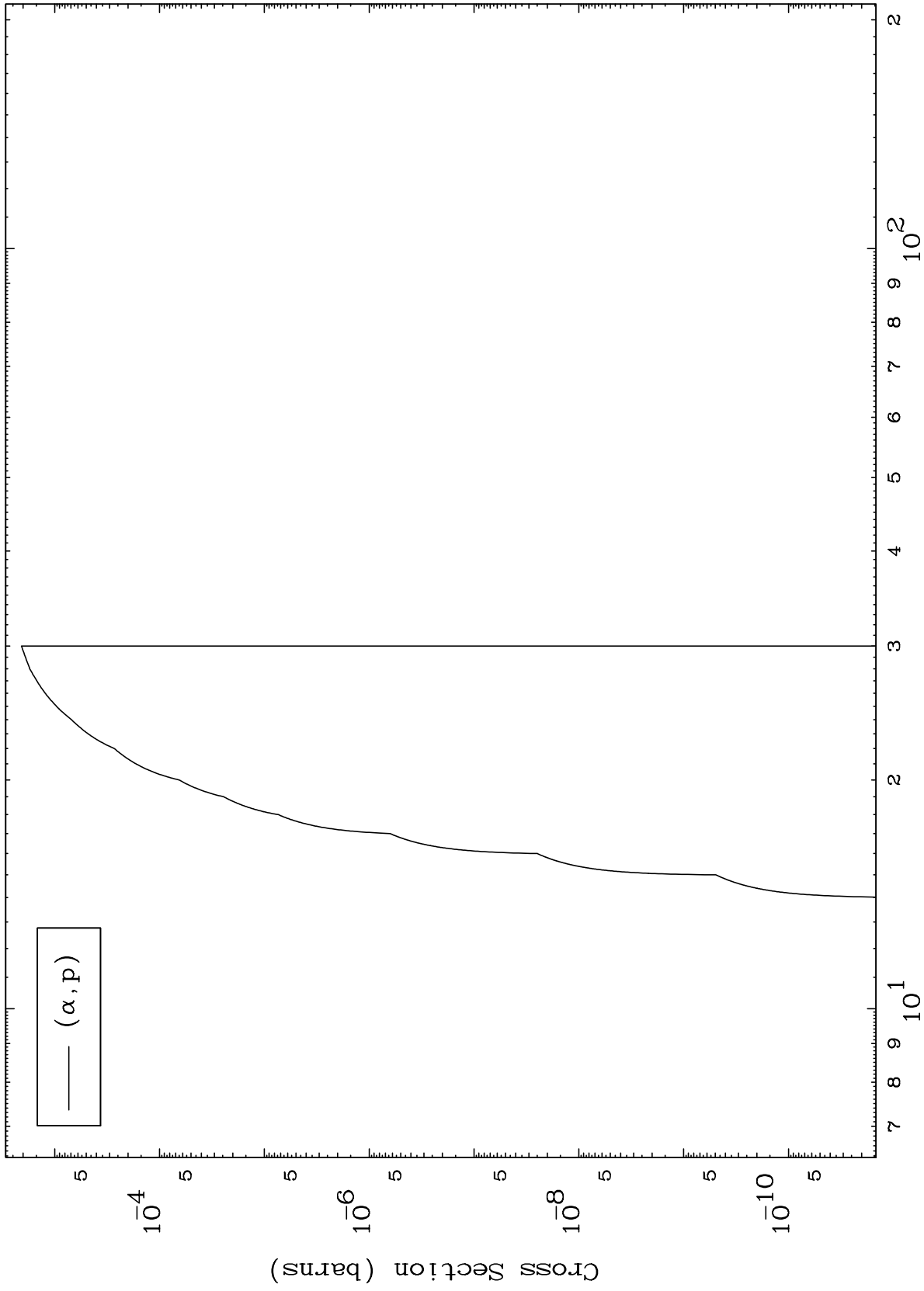
77-Ir-195



MAT 7738

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

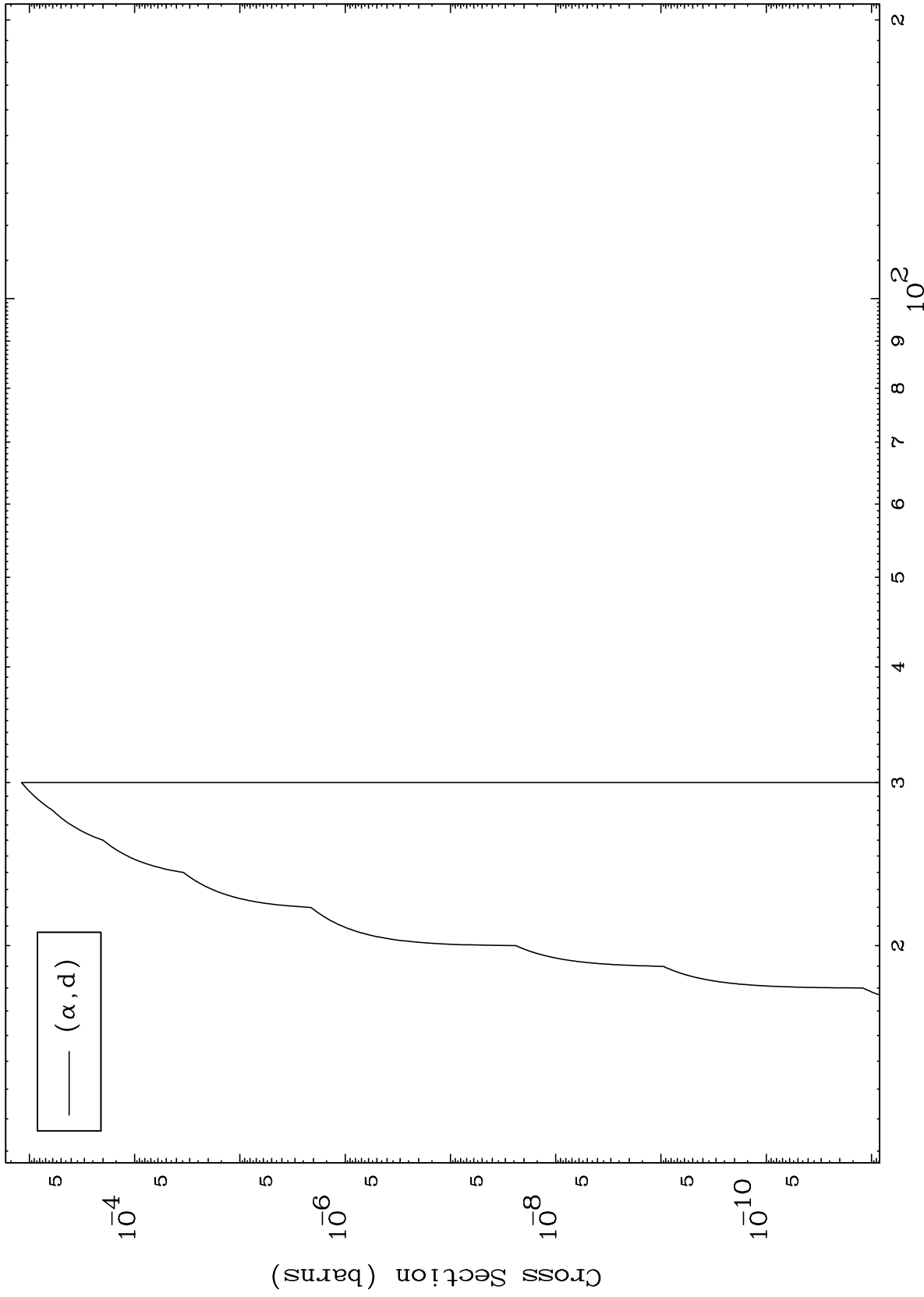
77-Ir-195

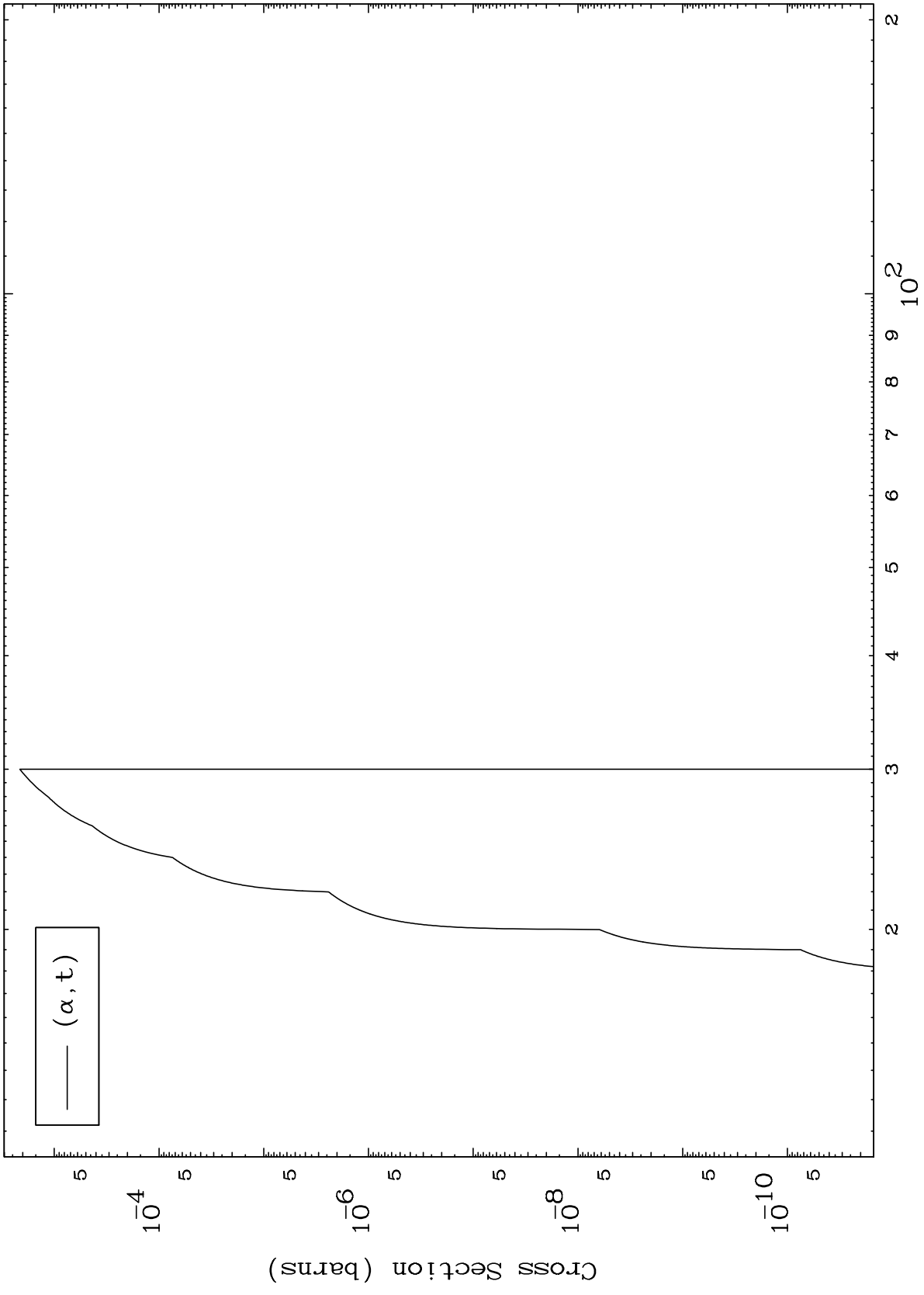


5

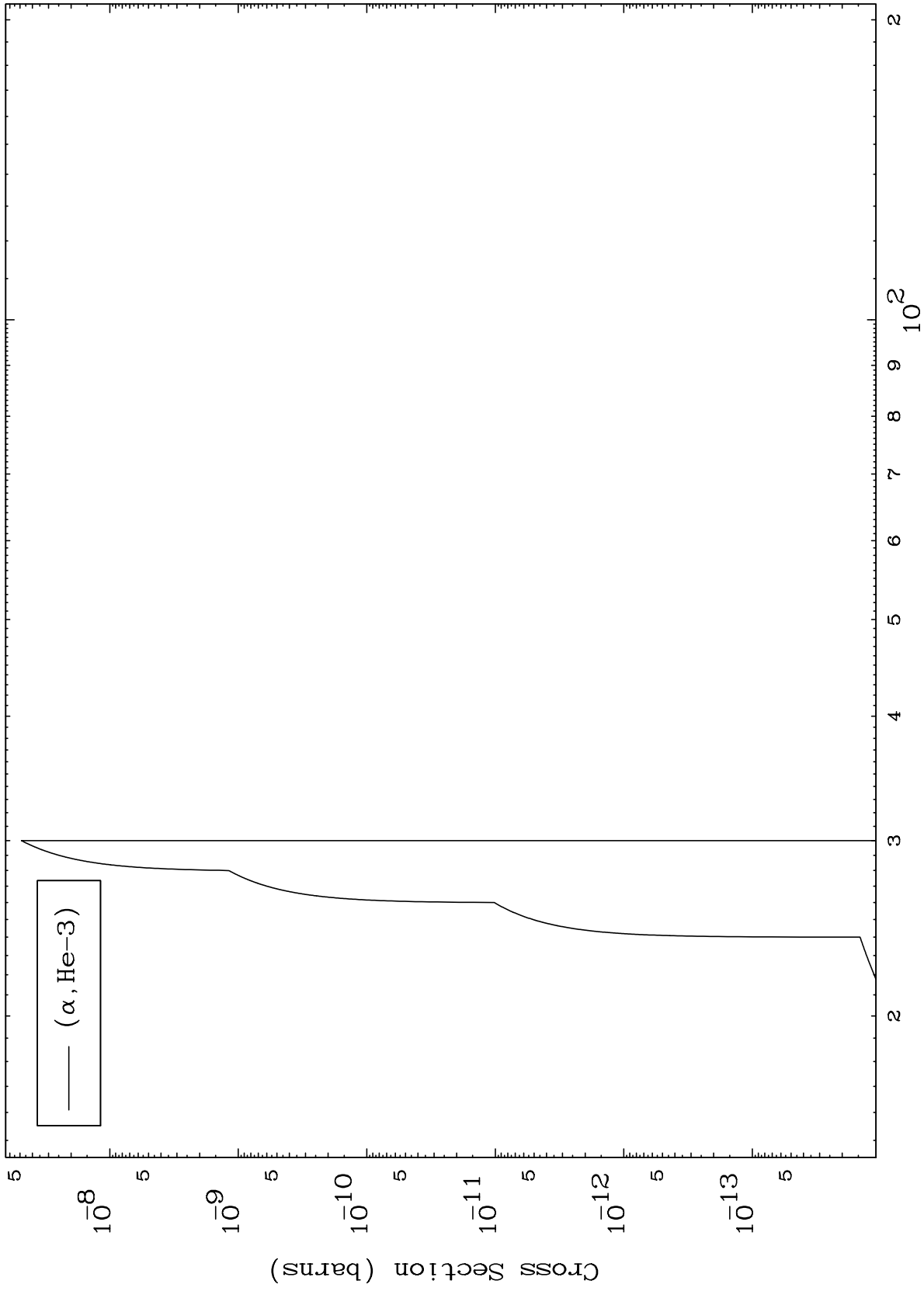
Incident Energy (MeV)

77-Ir-195





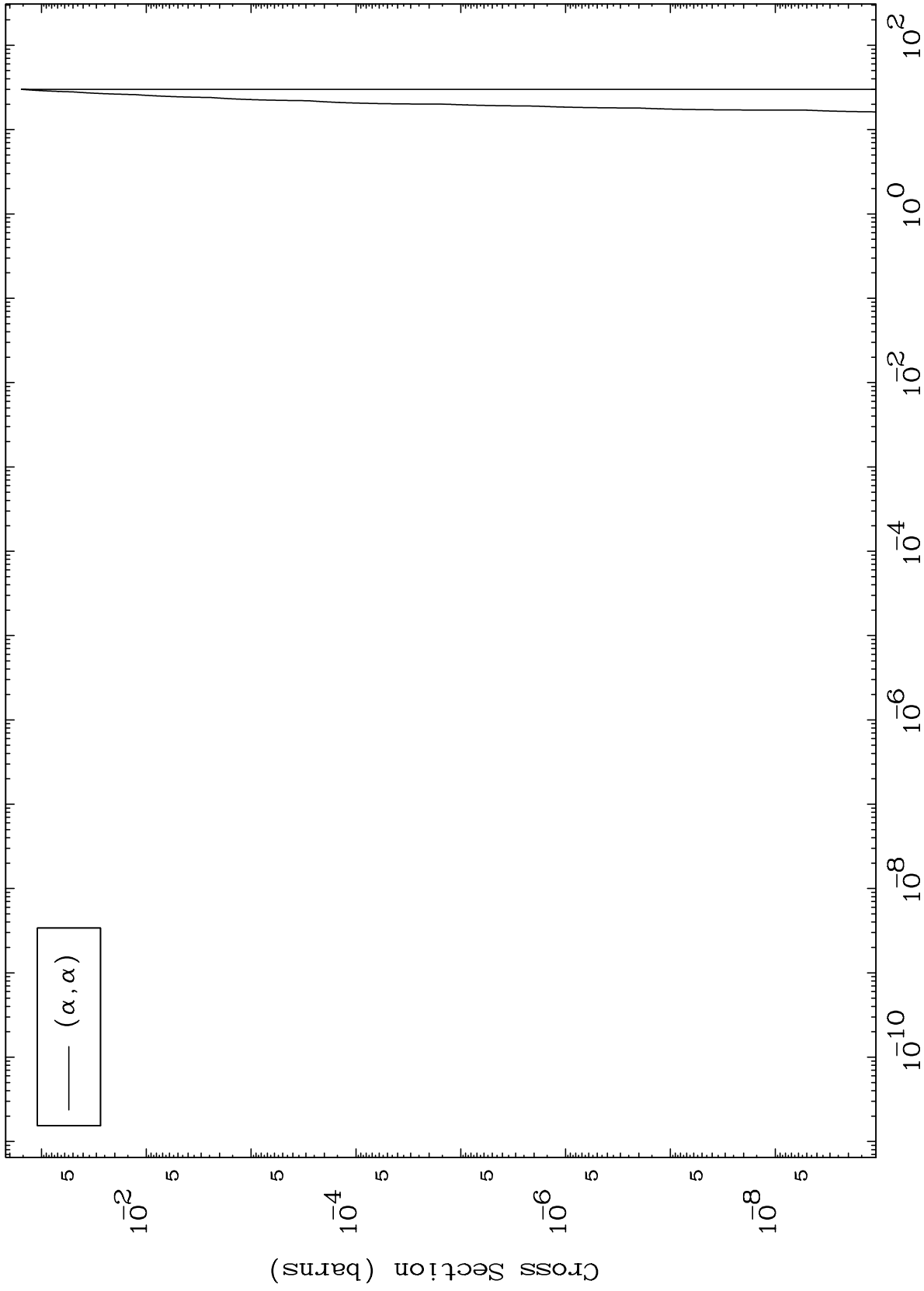




MAT 7738

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

77-Ir-195



9

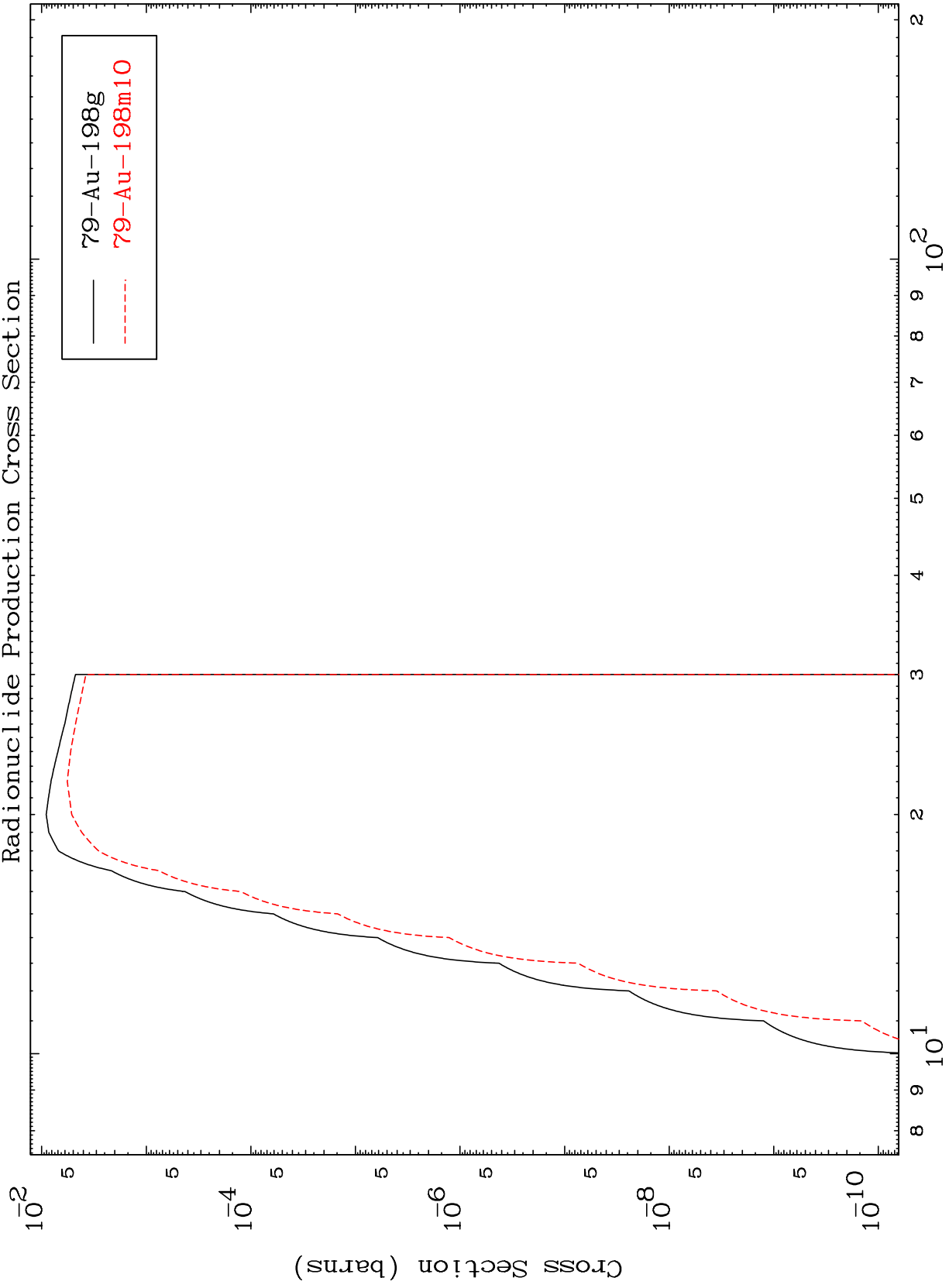
Incident Energy (MeV)

77-Ir-195

MAT 7738

$\alpha$  Inelastic  
Radionuclide Production Cross Section

77-Ir-195



10

Incident Energy (MeV)

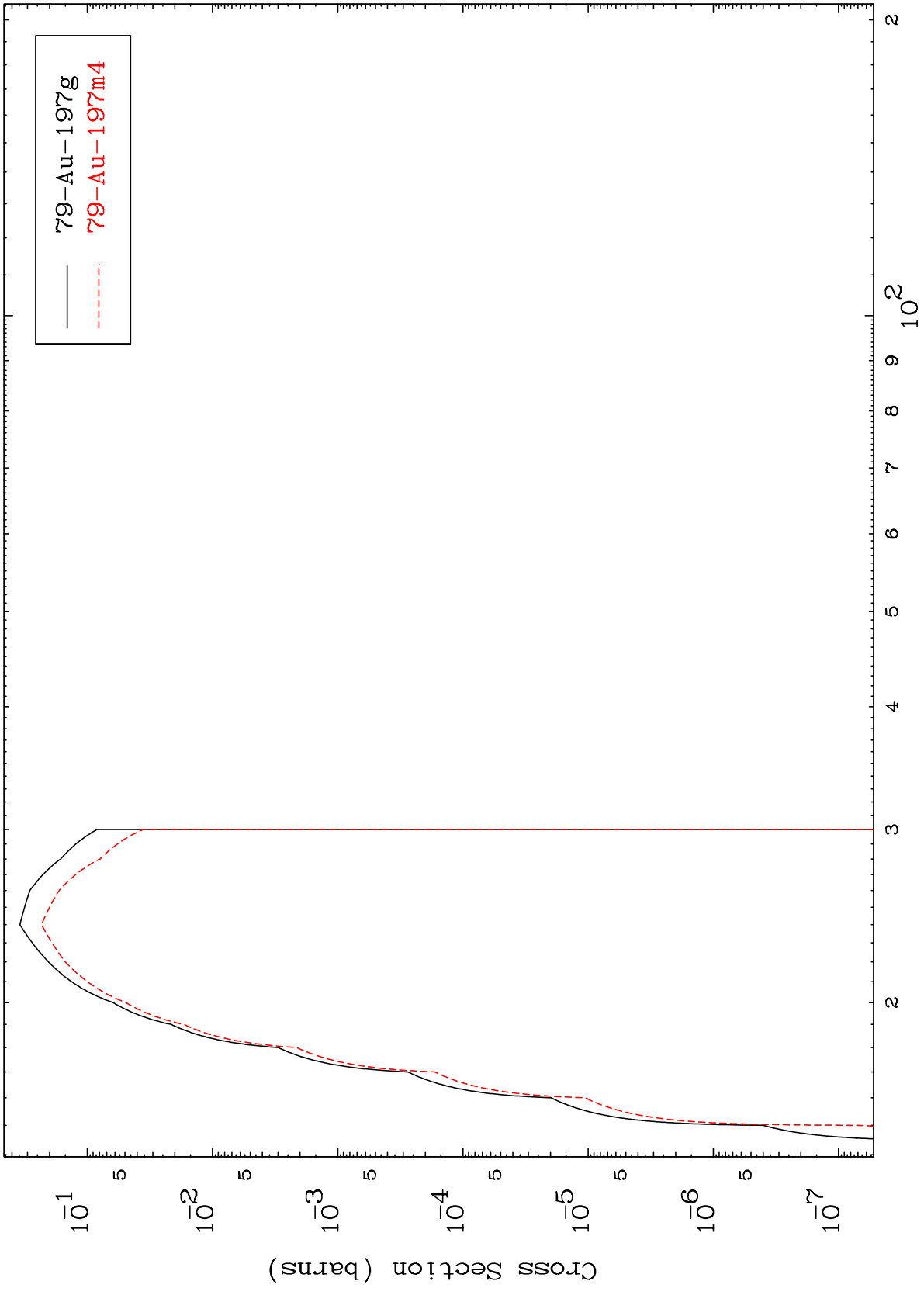
77-Ir-195

MAT 7738

( $\alpha, 2n$ )

77-Ir-195

Radionuclide Production Cross Section



11

Incident Energy (MeV)

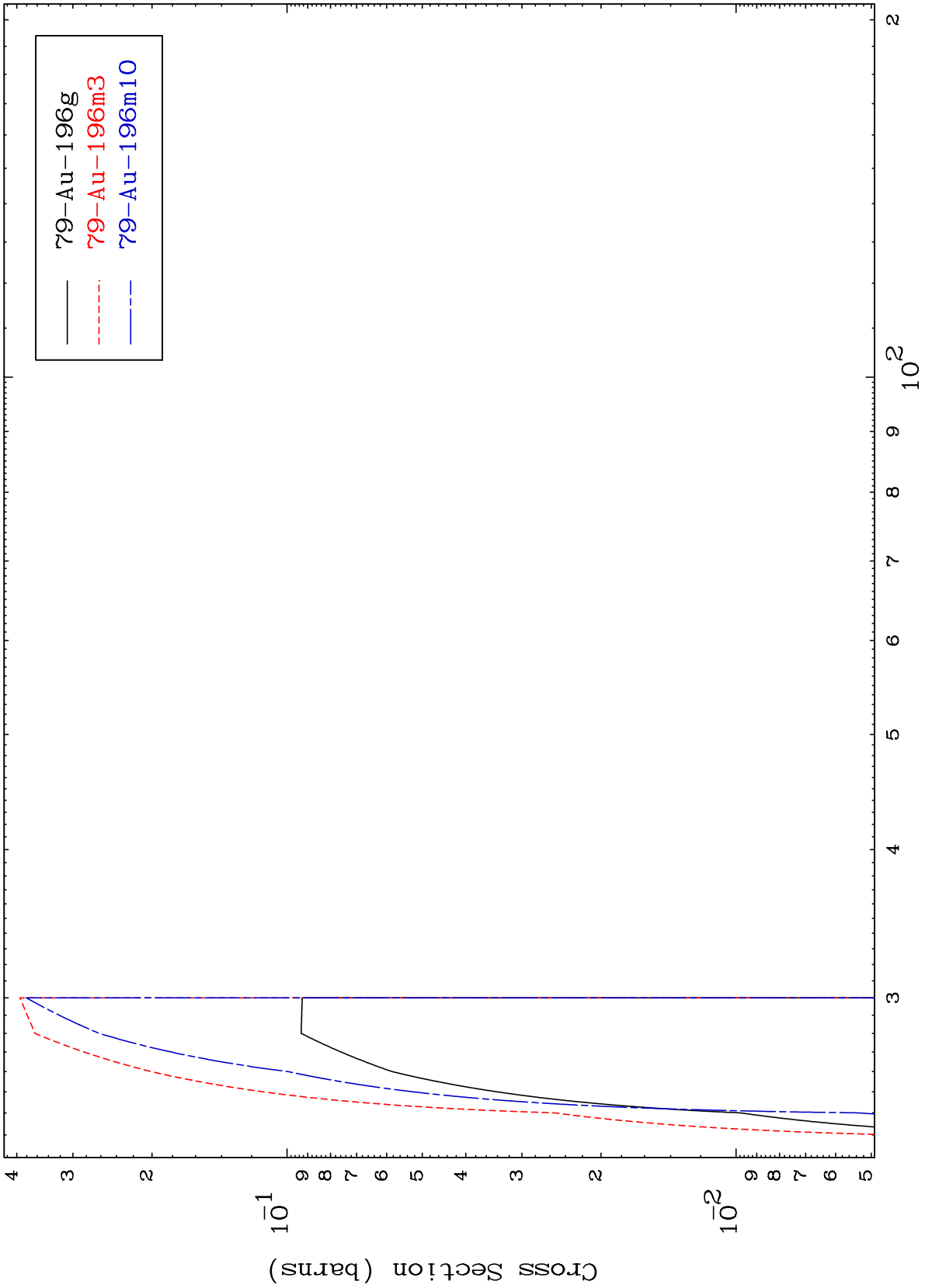
77-Ir-195

MAT 7738

( $\alpha, 3n$ )

77-Ir-195

Radionuclide Production Cross Section



12

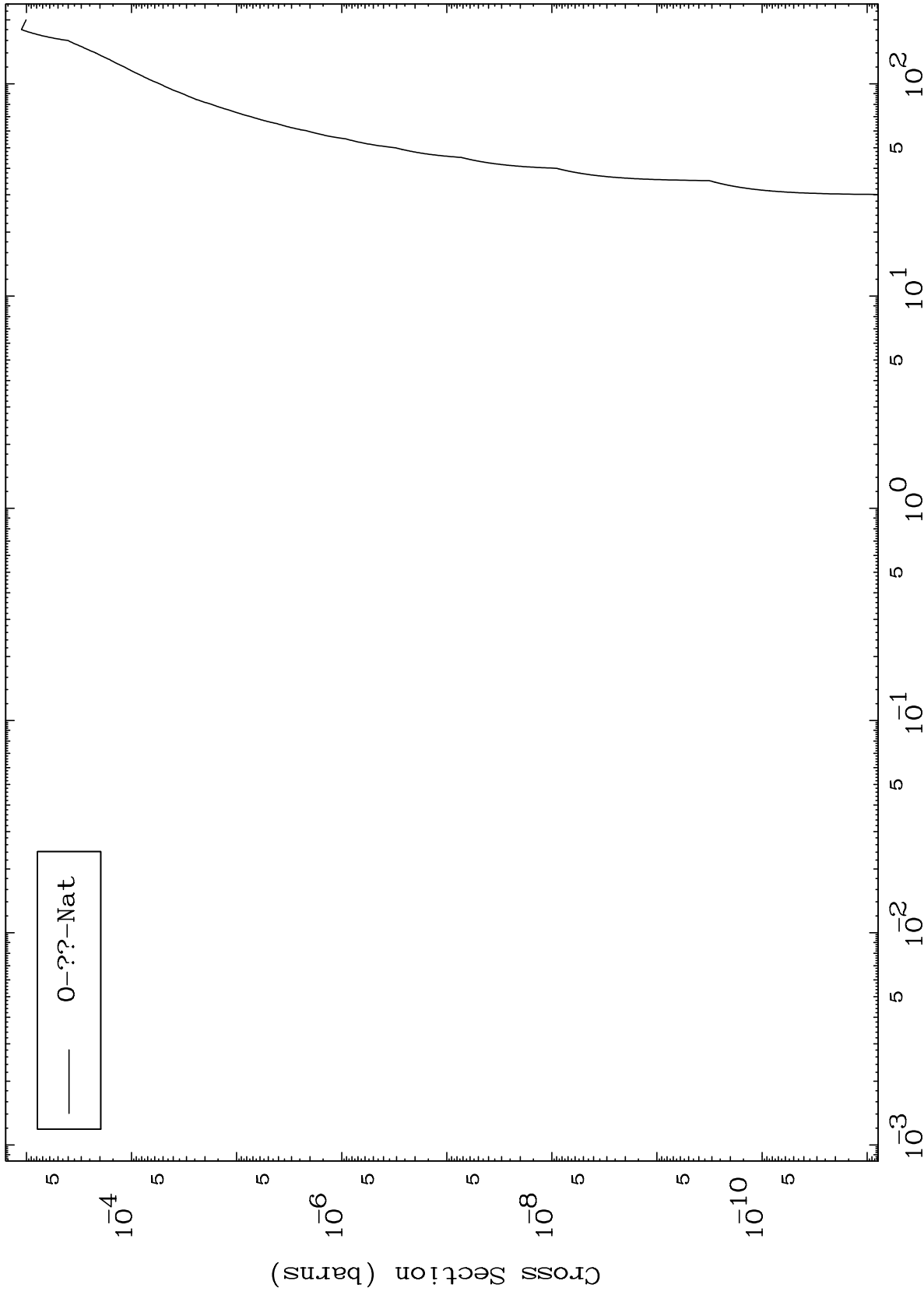
Incident Energy (MeV)

77-Ir-195

MAT 7738

$\alpha$  Fission  
Radionuclide Production Cross Section

77-Ir-195



13

Incident Energy (MeV)

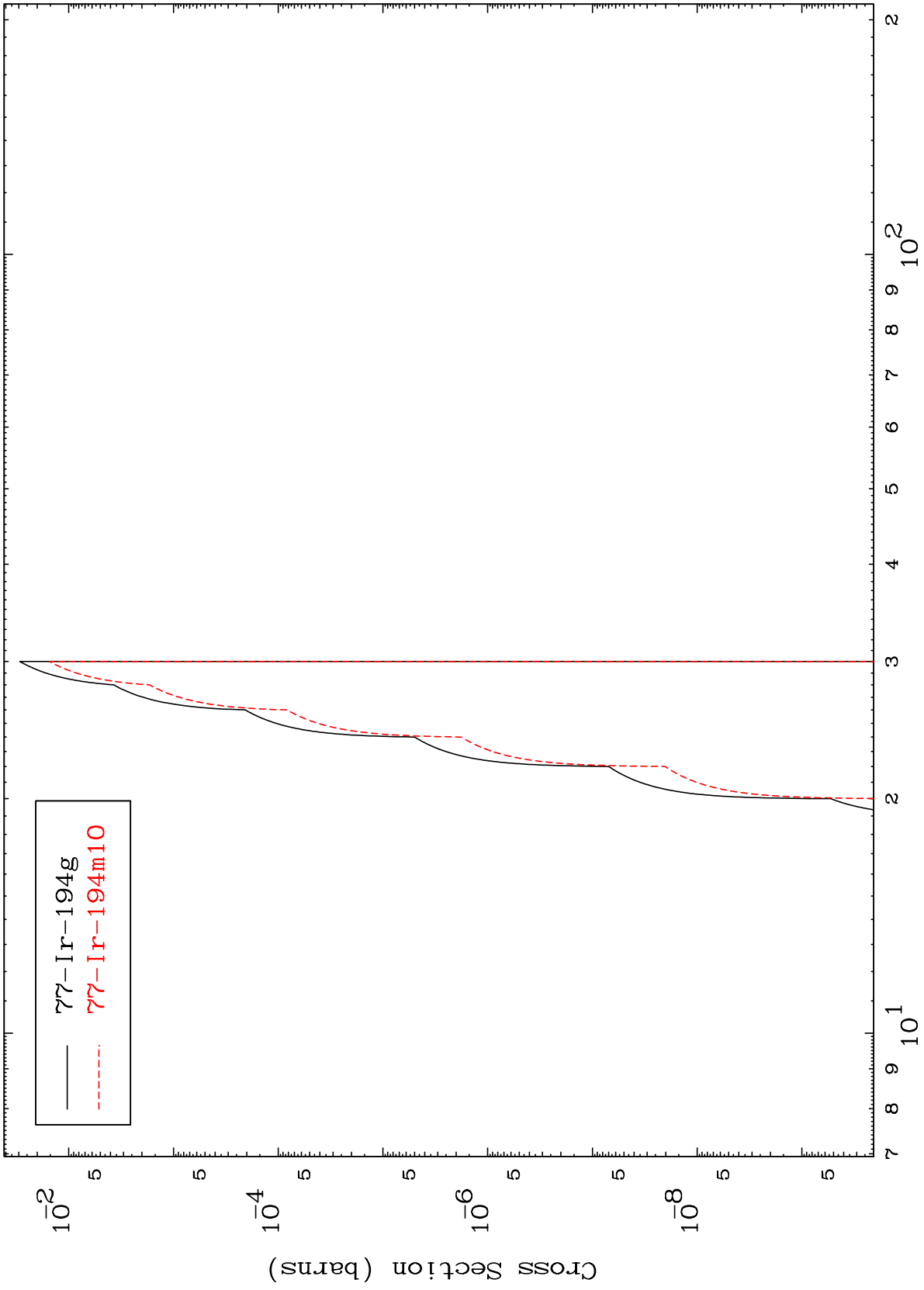
77-Ir-195

MAT 7738

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

77-Ir-195

Radionuclide Production Cross Section



14

Incident Energy (MeV)

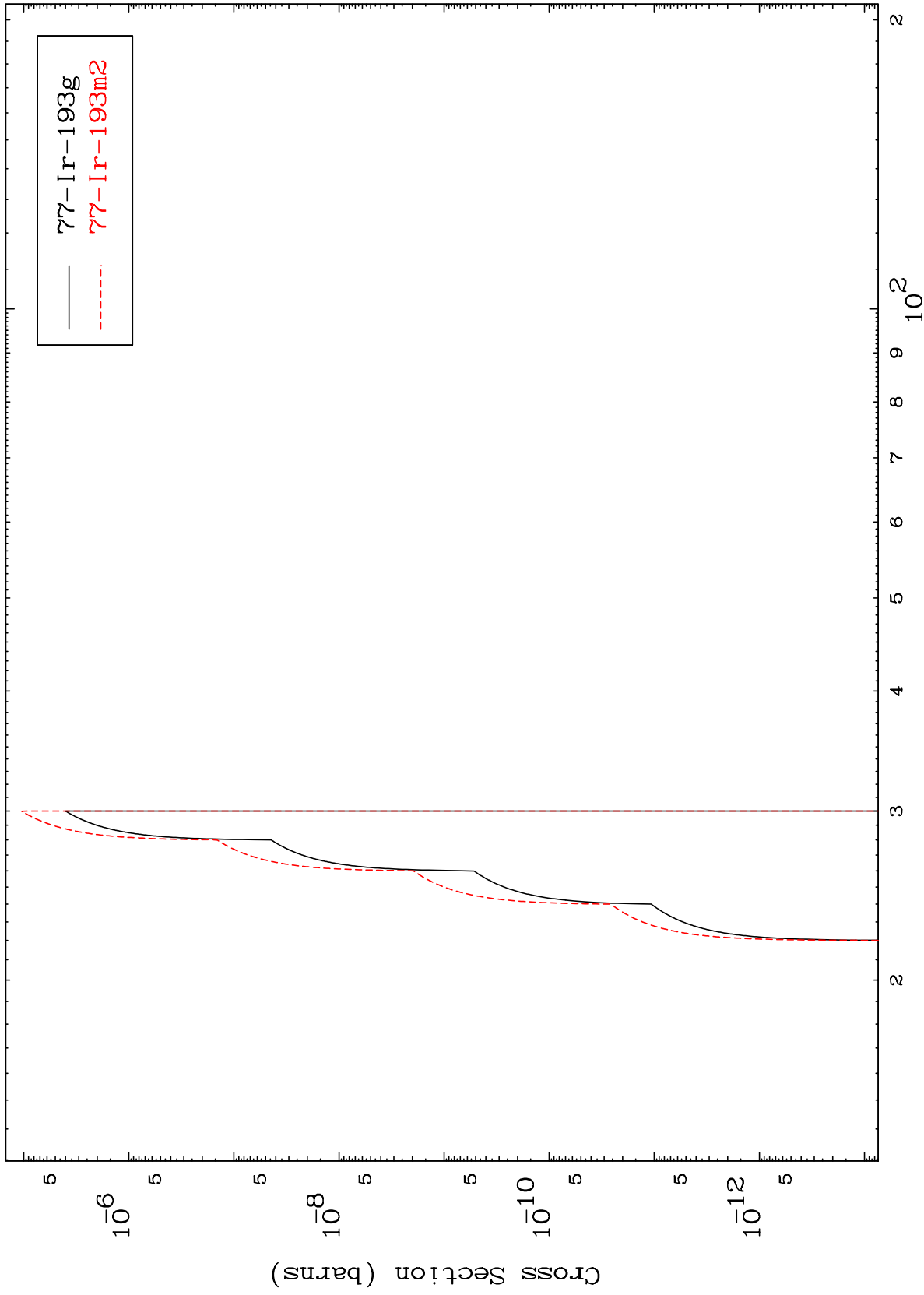
77-Ir-195

MAT 7738

$(\alpha, 2n) \alpha$

$^{77}\text{Ir-195}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

$^{77}\text{Ir-195}$

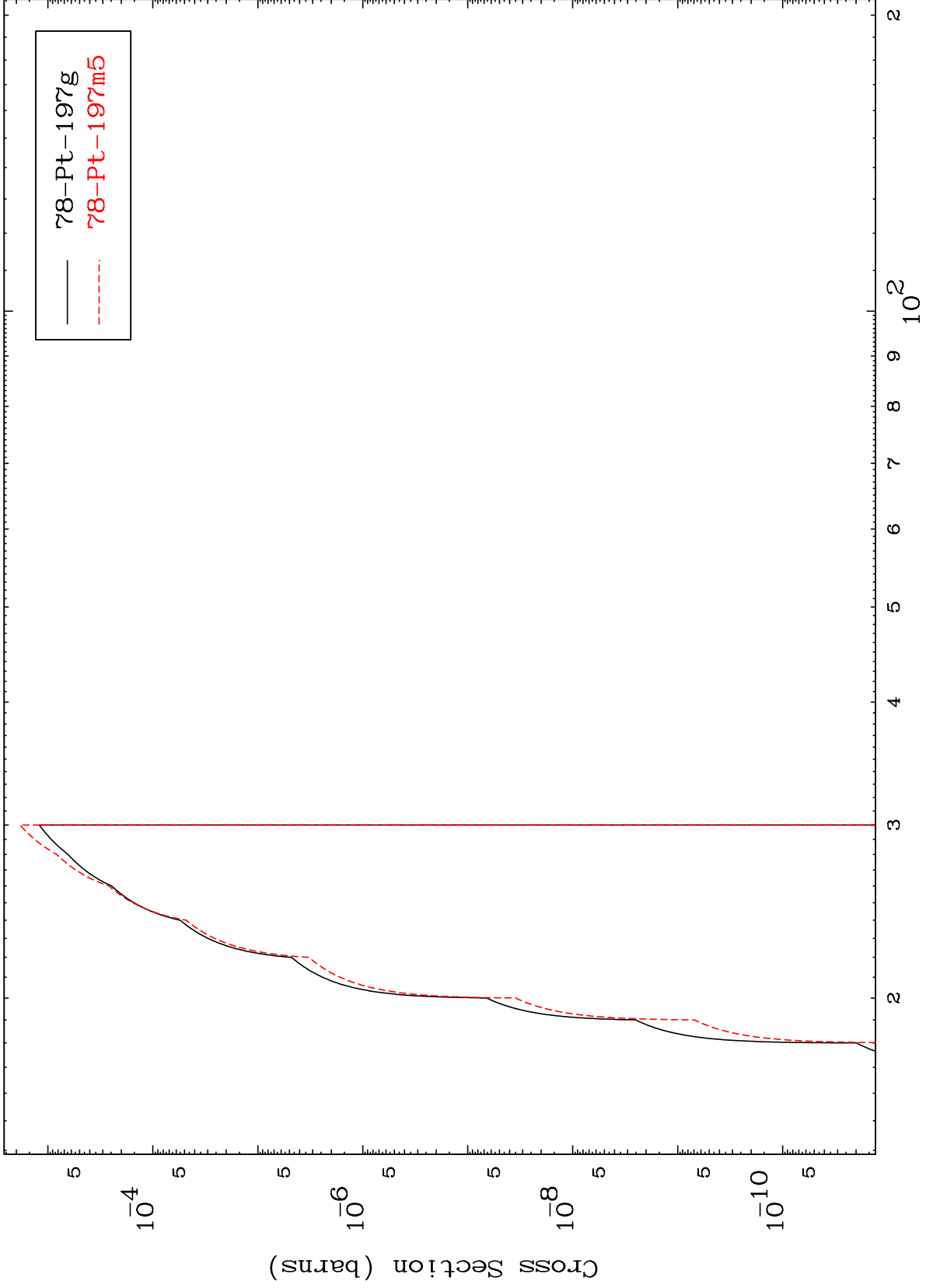


MAT 7738

$(\alpha, n')$  p

77-Ir-195

Radionuclide Production Cross Section



16

Incident Energy (MeV)

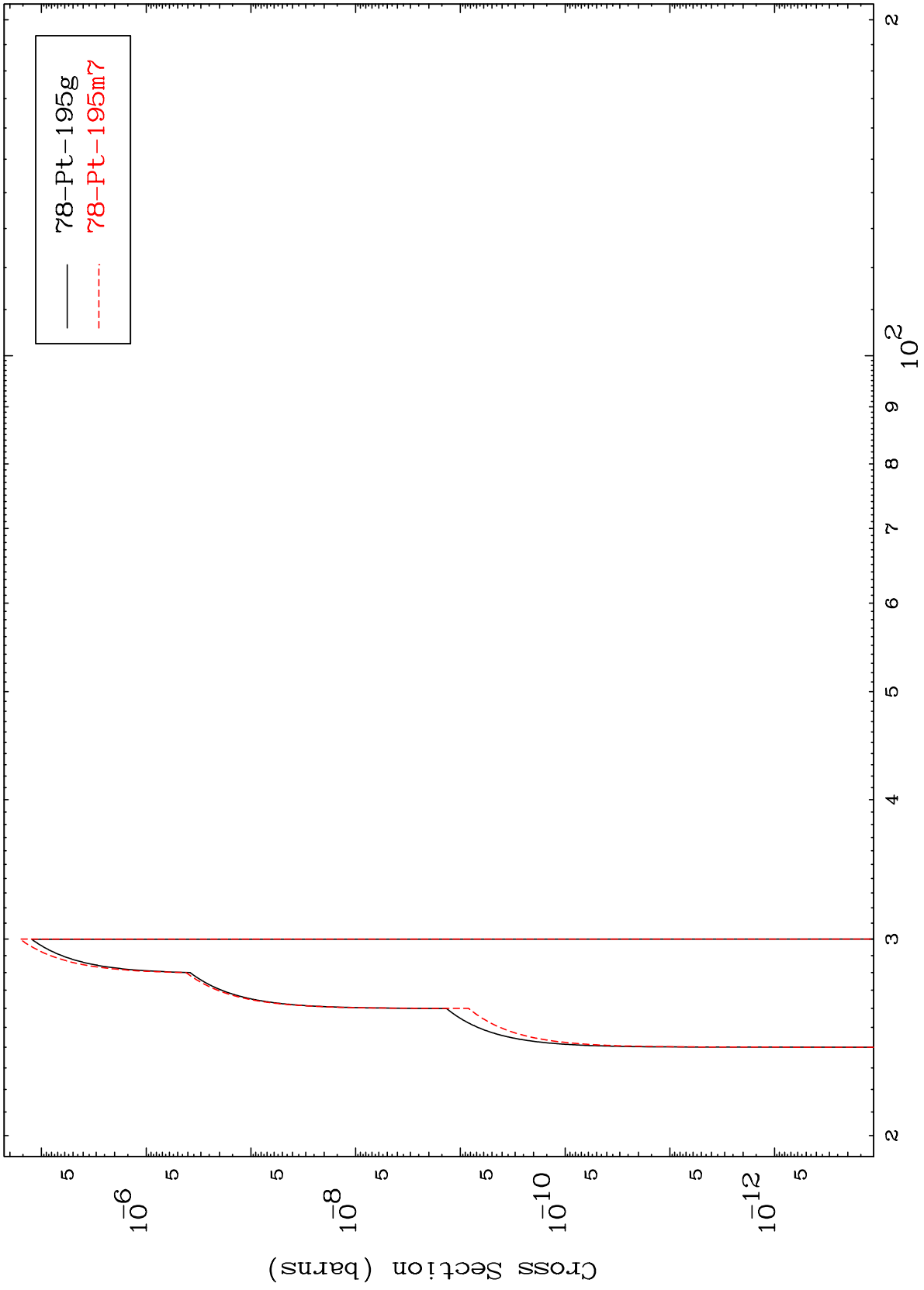
77-Ir-195

MAT 7738

( $\alpha, n'$ ) t

77-Ir-195

Radionuclide Production Cross Section



17

Incident Energy (MeV)

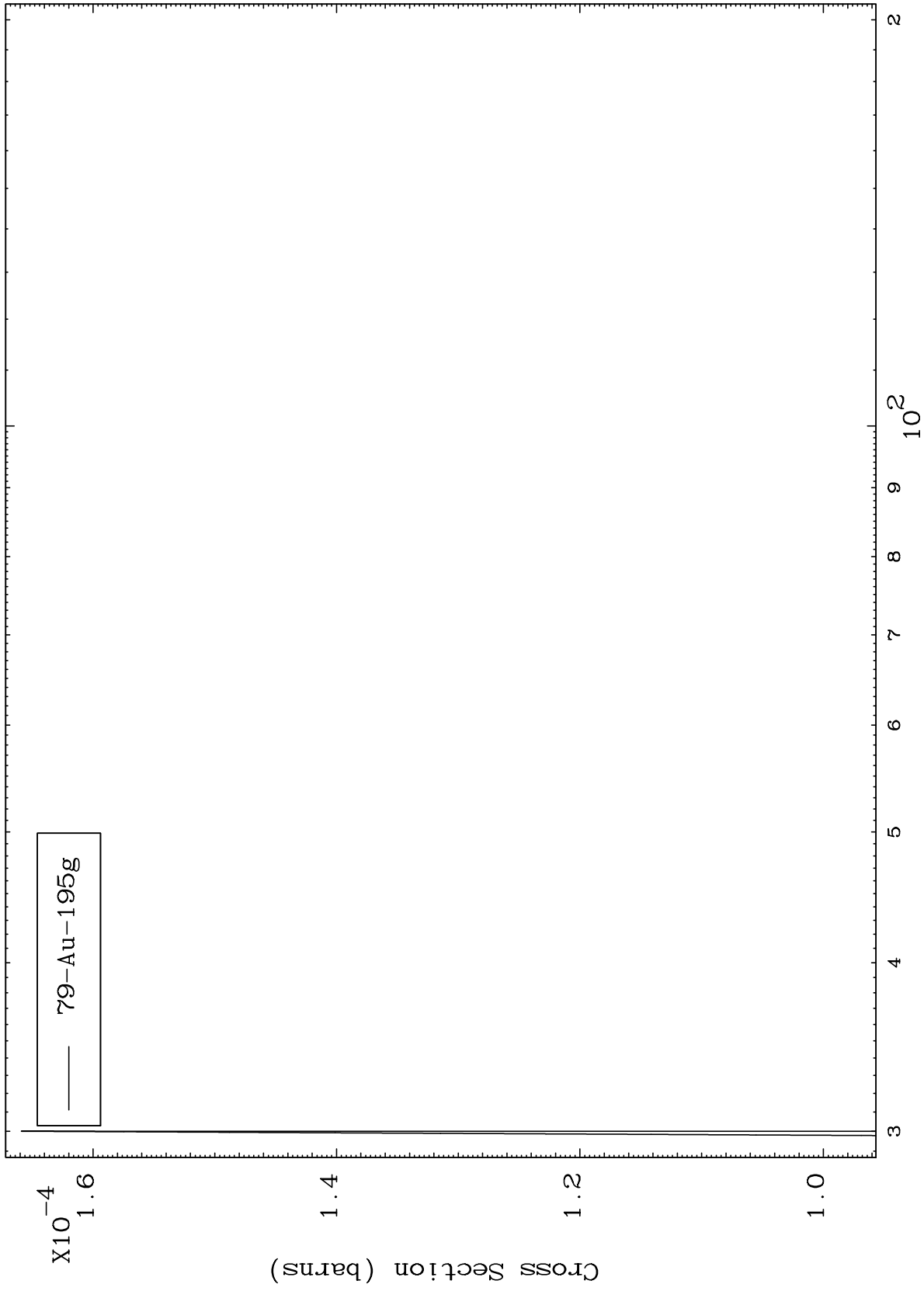
77-Ir-195

MAT 7738

( $\alpha, 4n$ )

77-Ir-195

Radionuclide Production Cross Section



18

Incident Energy (MeV)

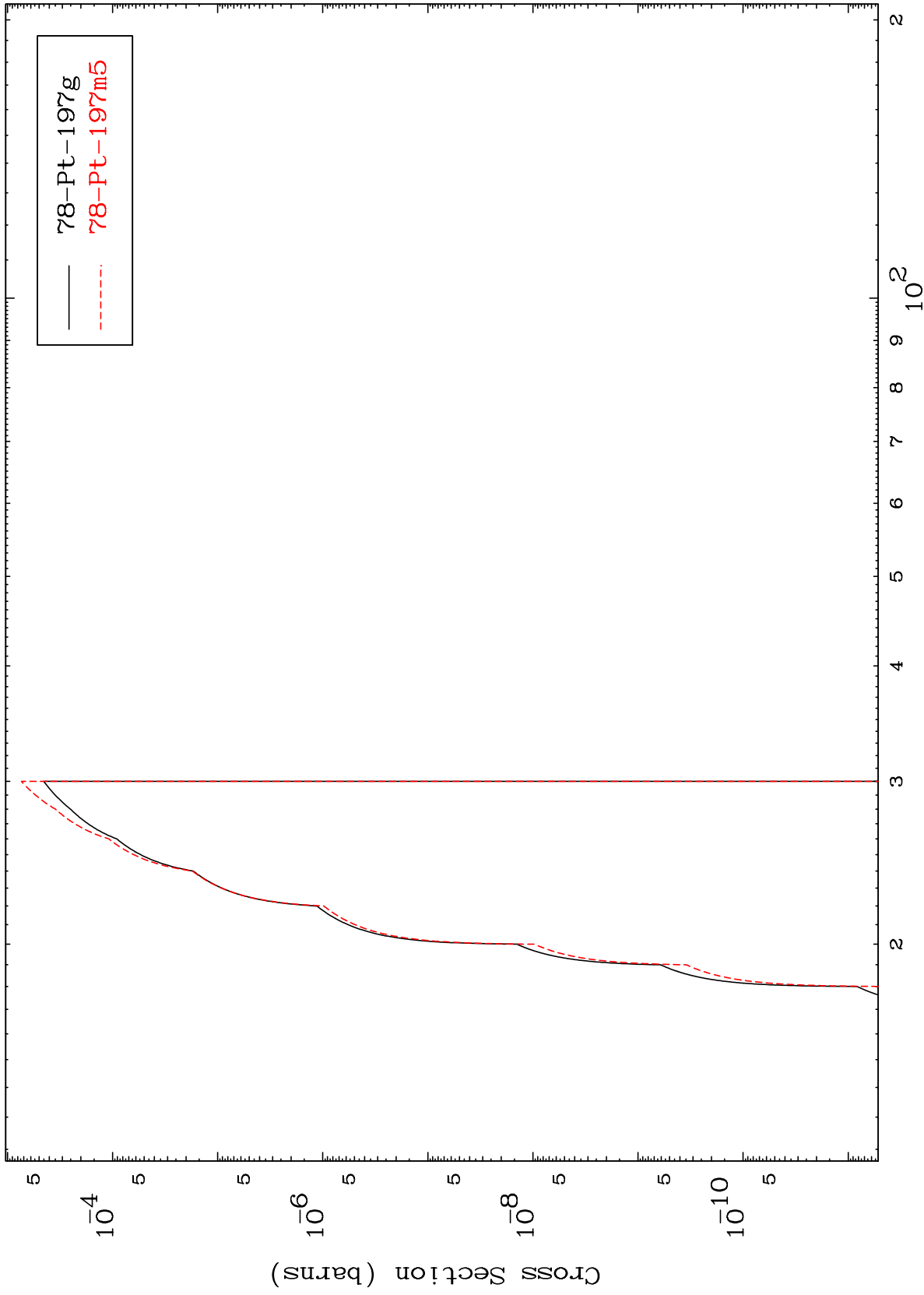
77-Ir-195

MAT 7738

( $\alpha, d$ )

77-Ir-195

Radionuclide Production Cross Section



19

Incident Energy (MeV)

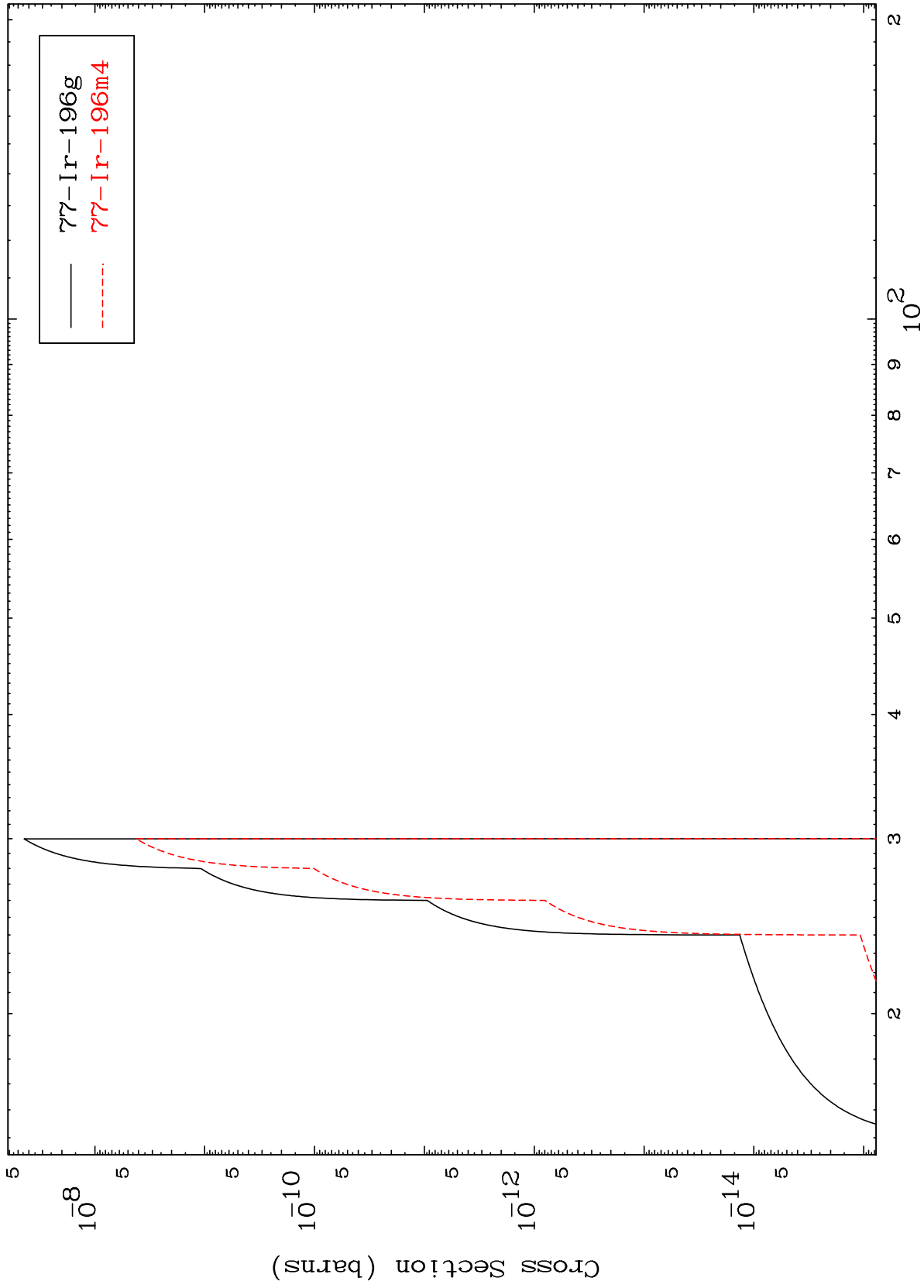
77-Ir-195

MAT 7738

( $\alpha, \text{He-3}$ )

77-Ir-195

Radionuclide Production Cross Section



20

Incident Energy (MeV)

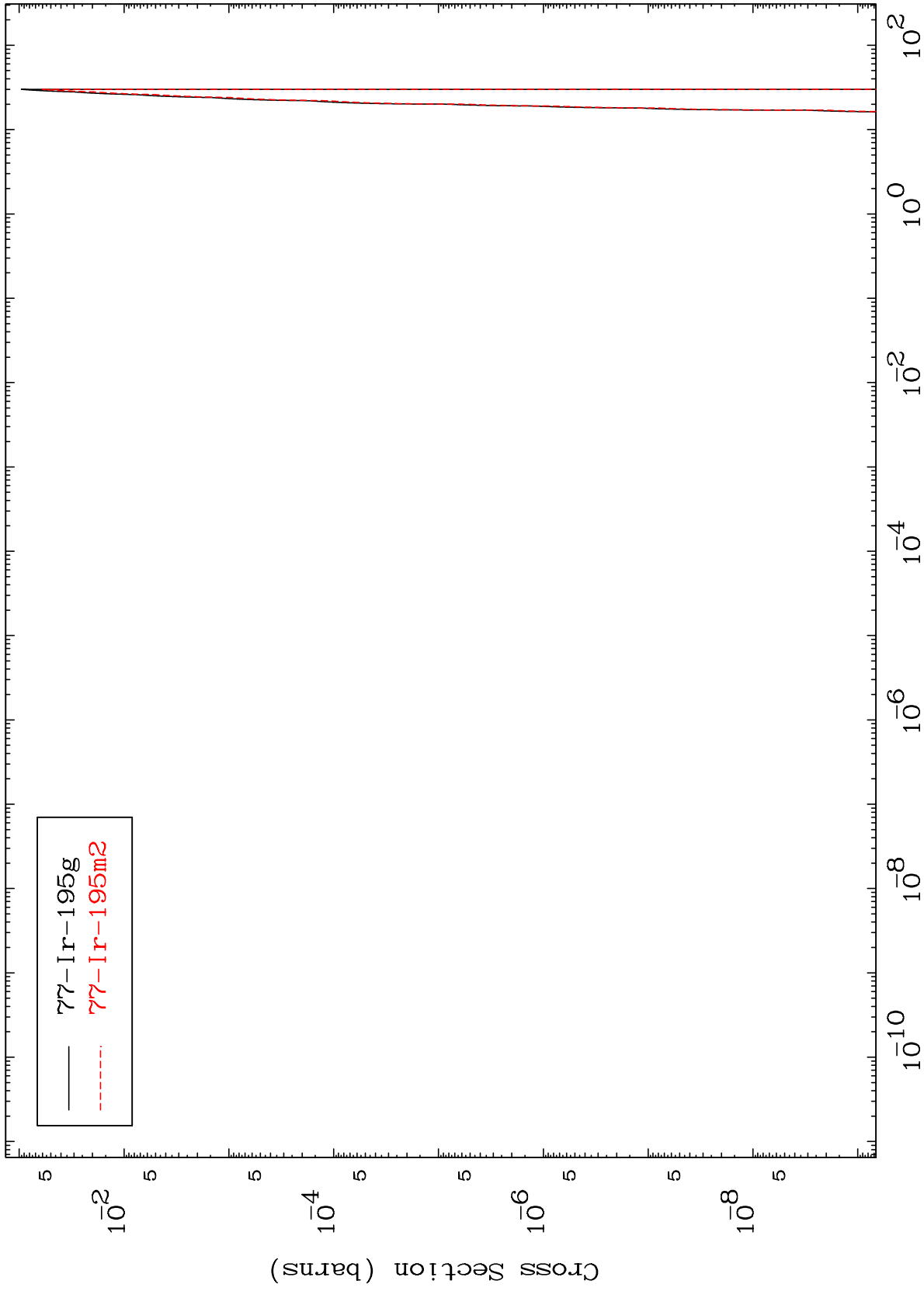
77-Ir-195

MAT 7738

( $\alpha, \alpha$ )

<sup>77</sup>Ir-195

Radionuclide Production Cross Section



21

Incident Energy (MeV)

<sup>77</sup>Ir-195