

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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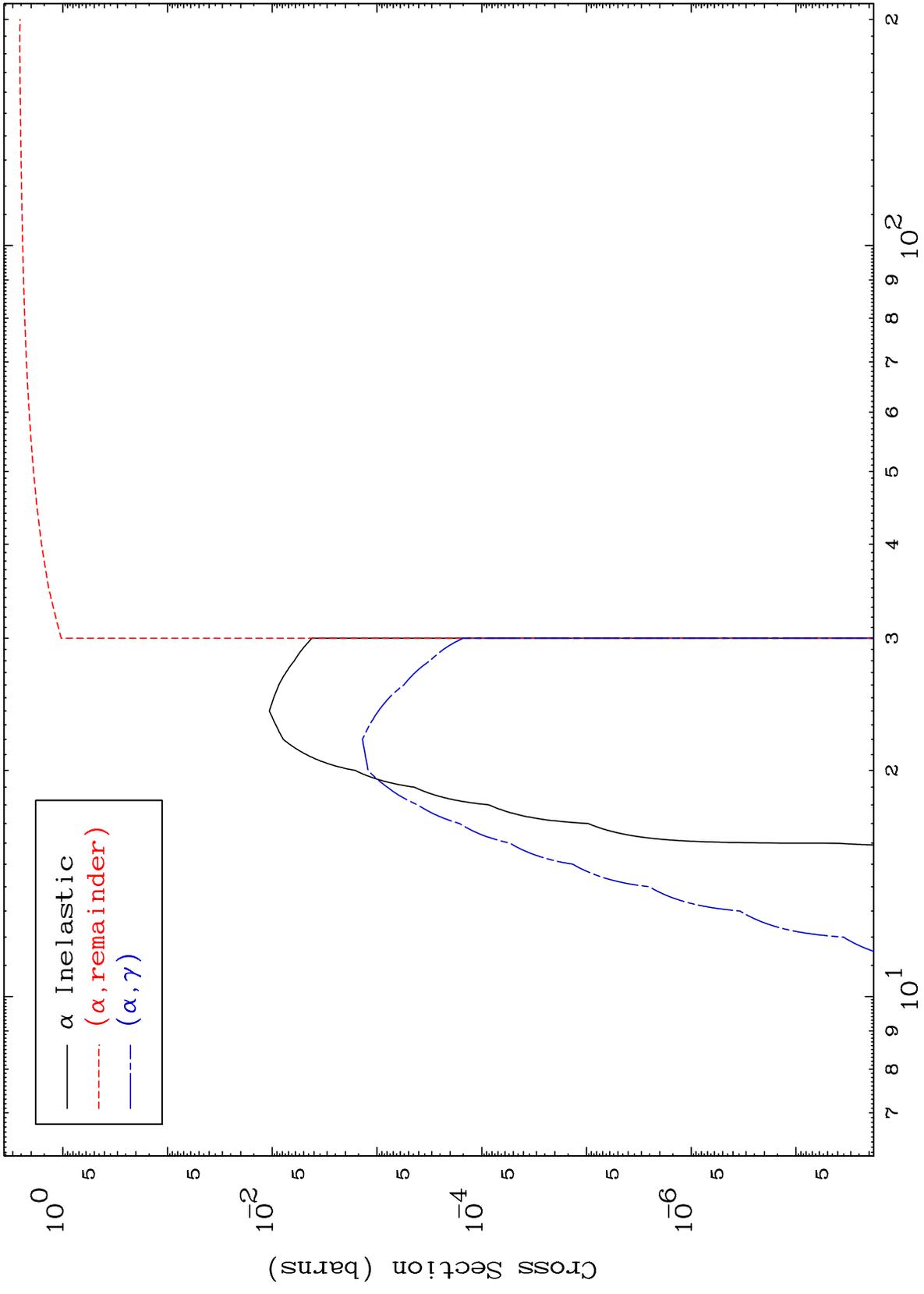
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Web:redcullen1.net/HOMEPAGE.NEW

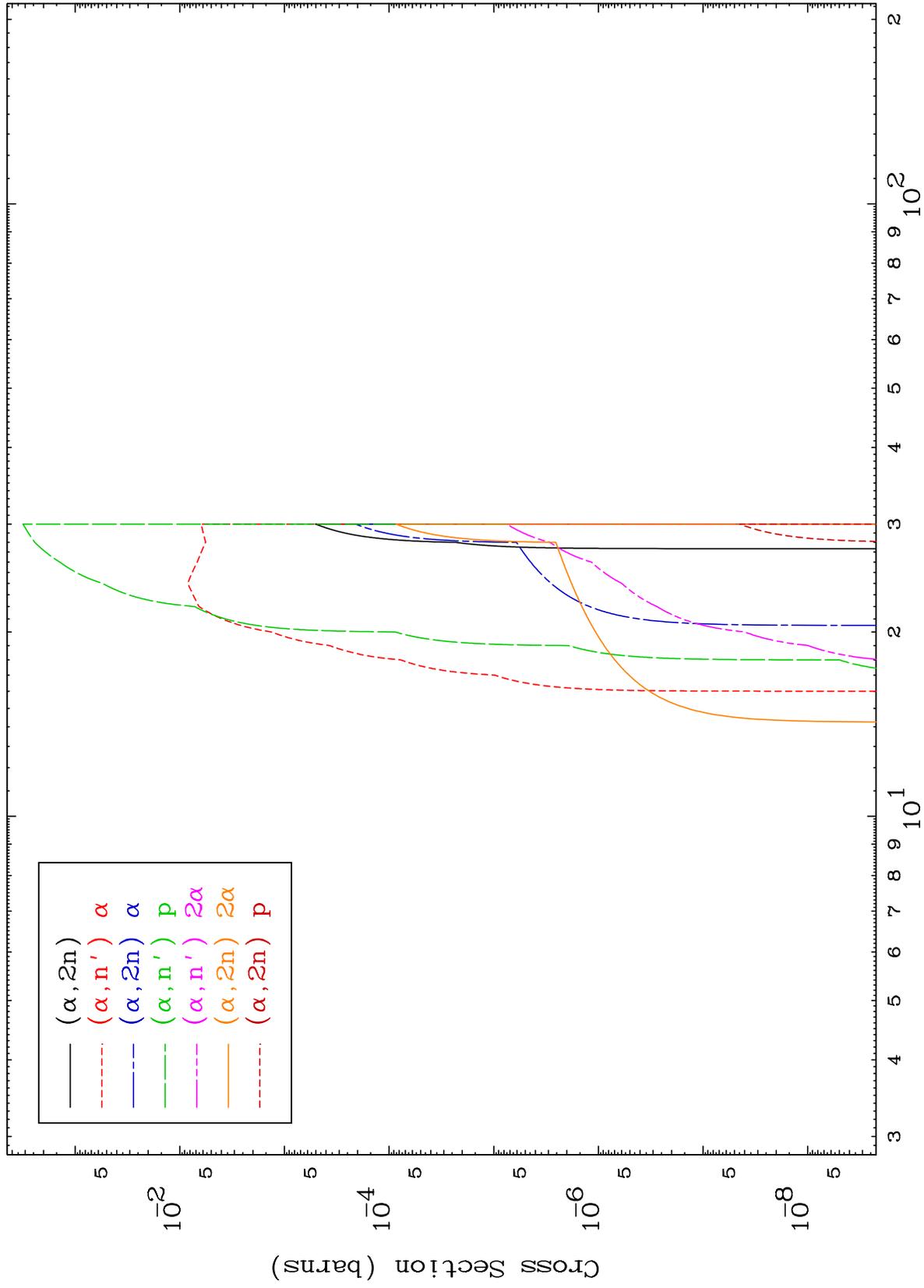
Press Mouse Button to Start

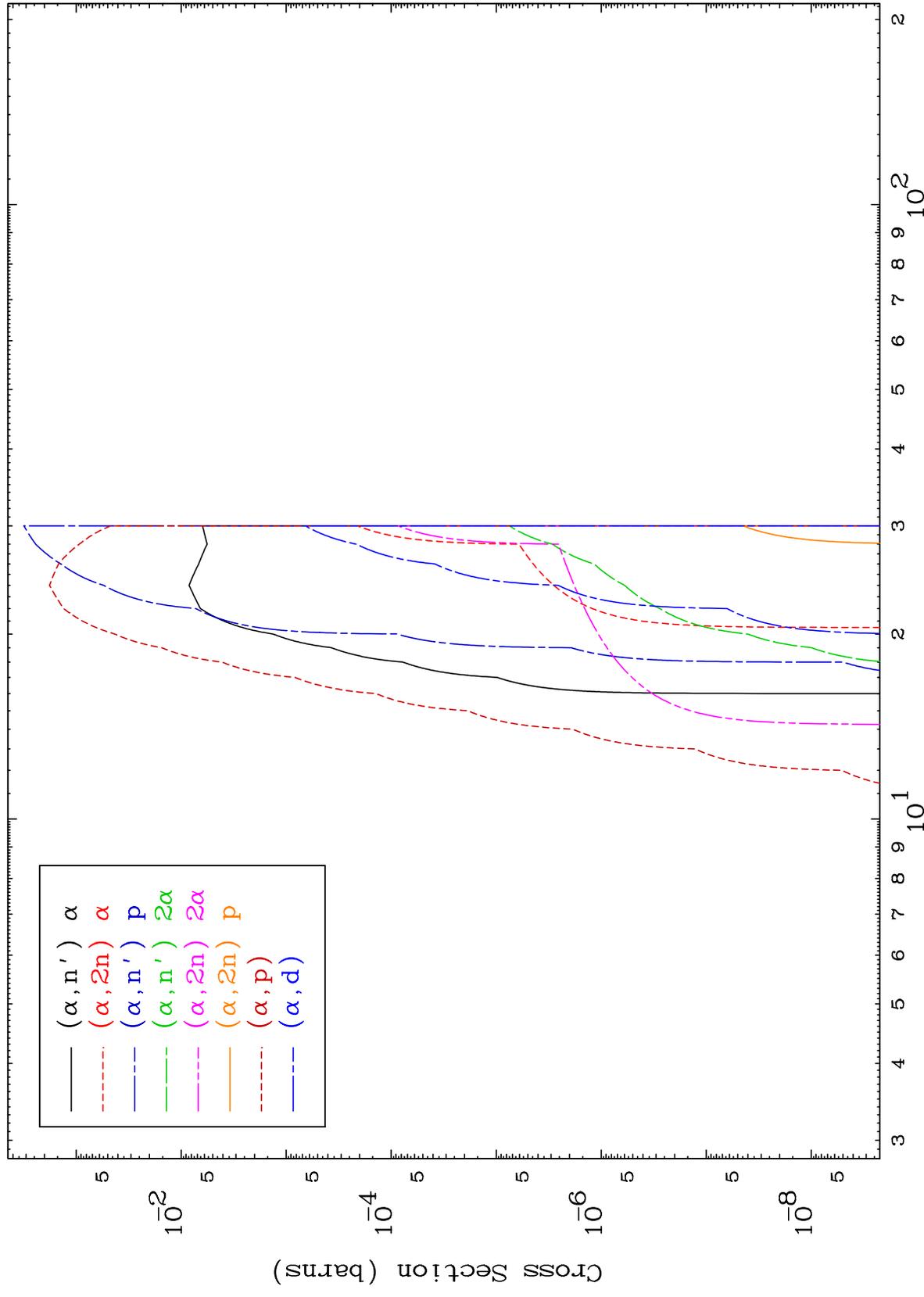
MAT 7669

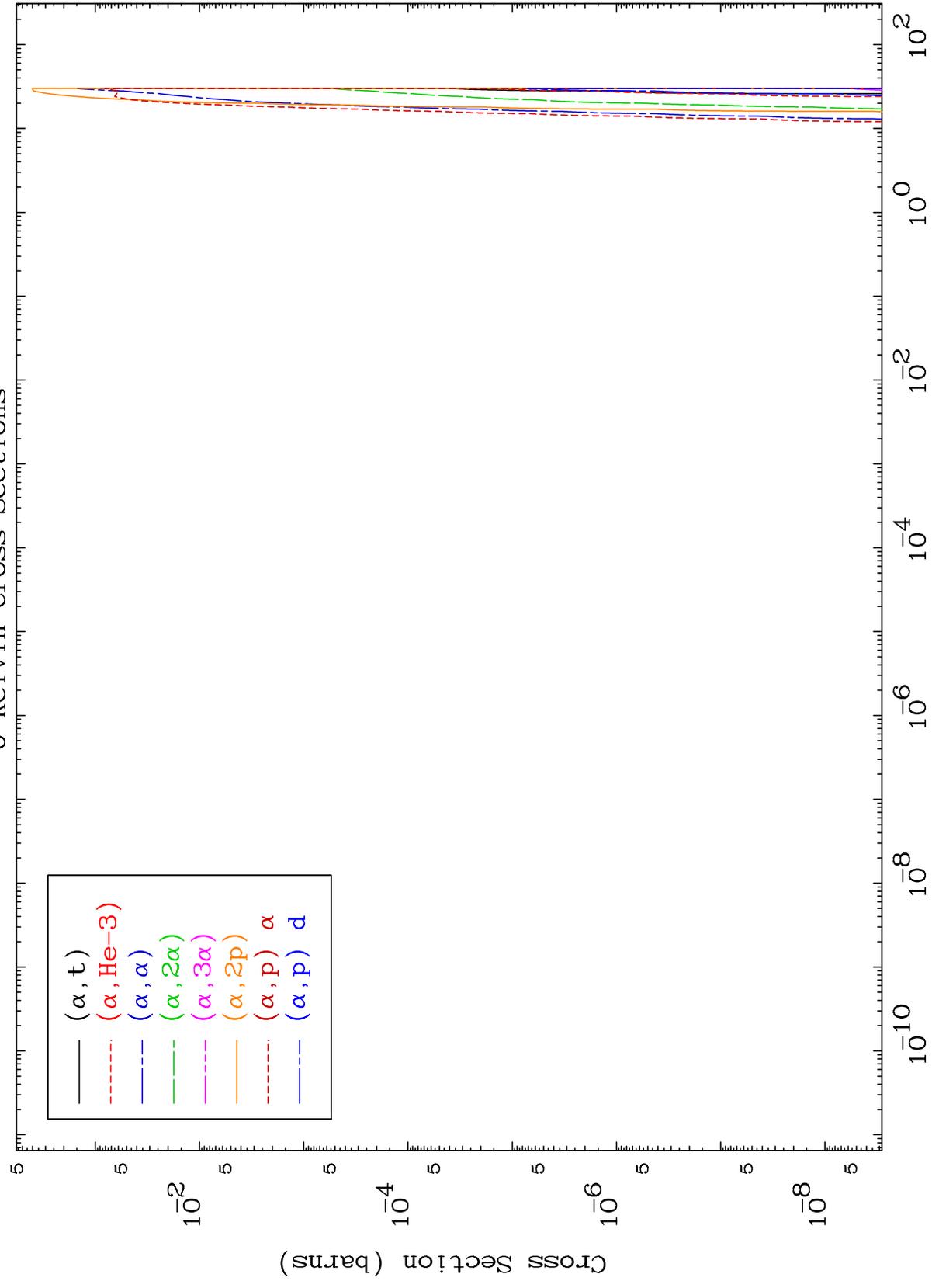
0 Kelvin  $\alpha$  Major Cross Sections

77-Ir-172





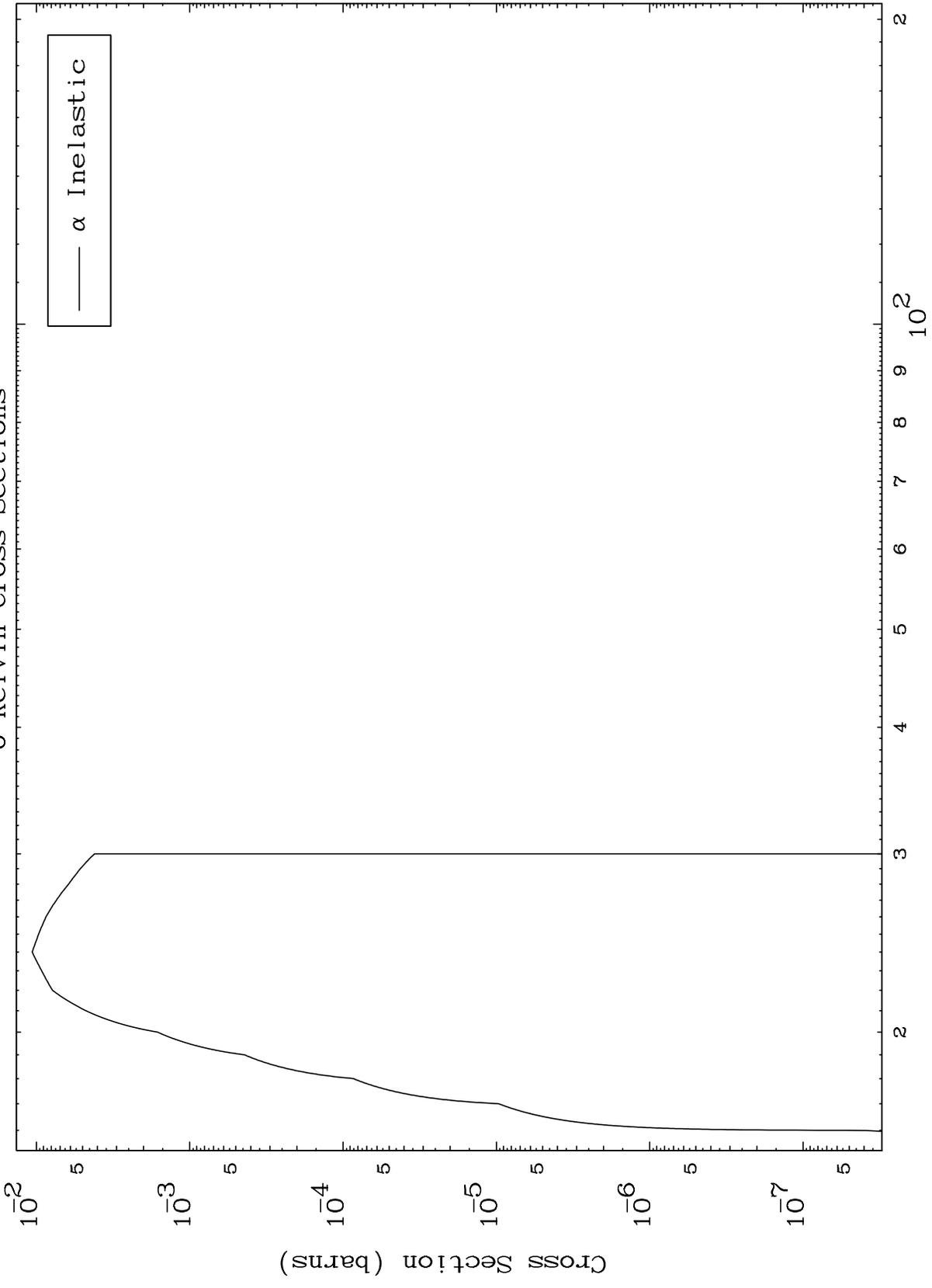




MAT 7669

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

77-Ir-172



5

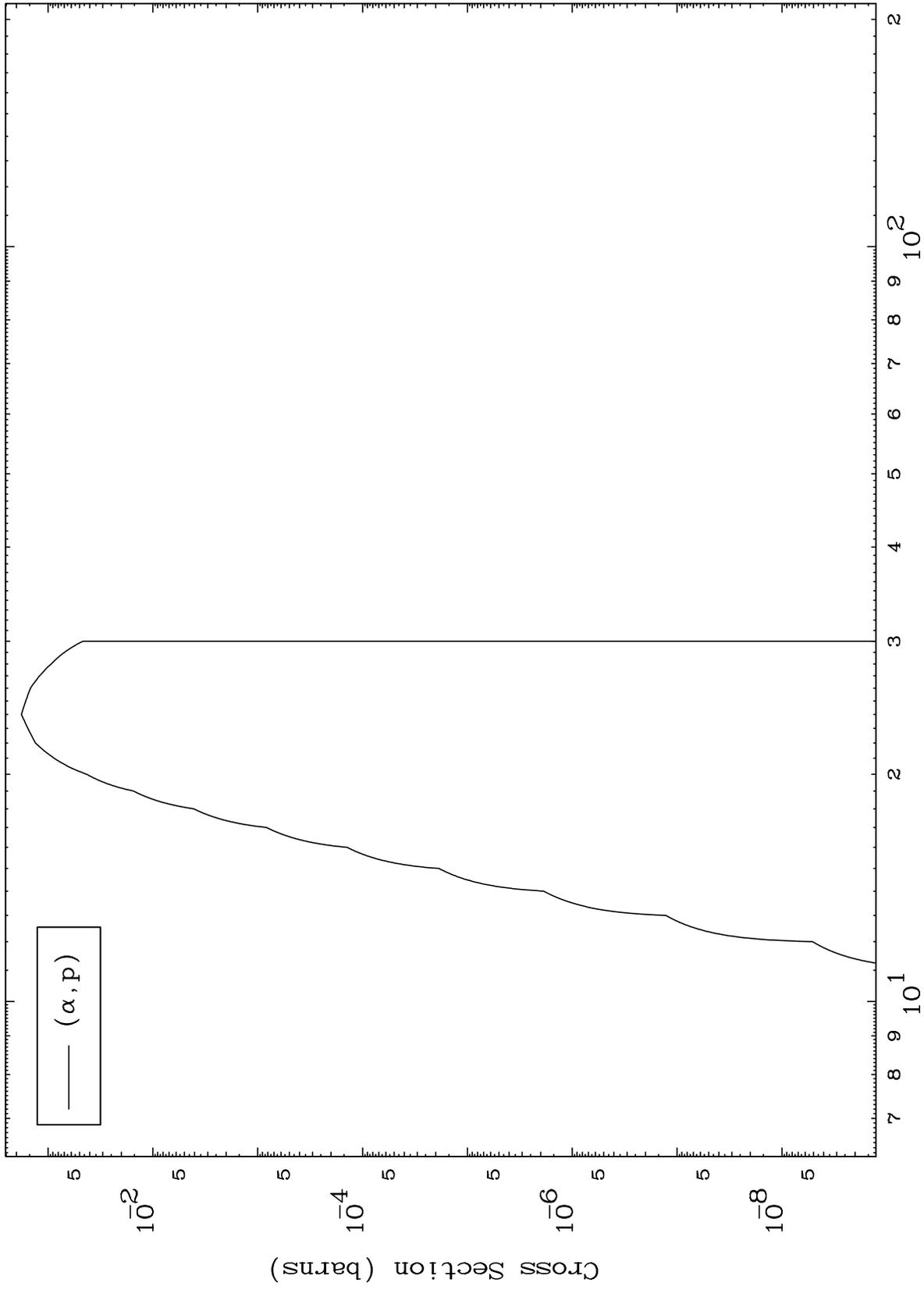
Incident Energy (MeV)

77-Ir-172

MAT 7669

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

77-Ir-172



6

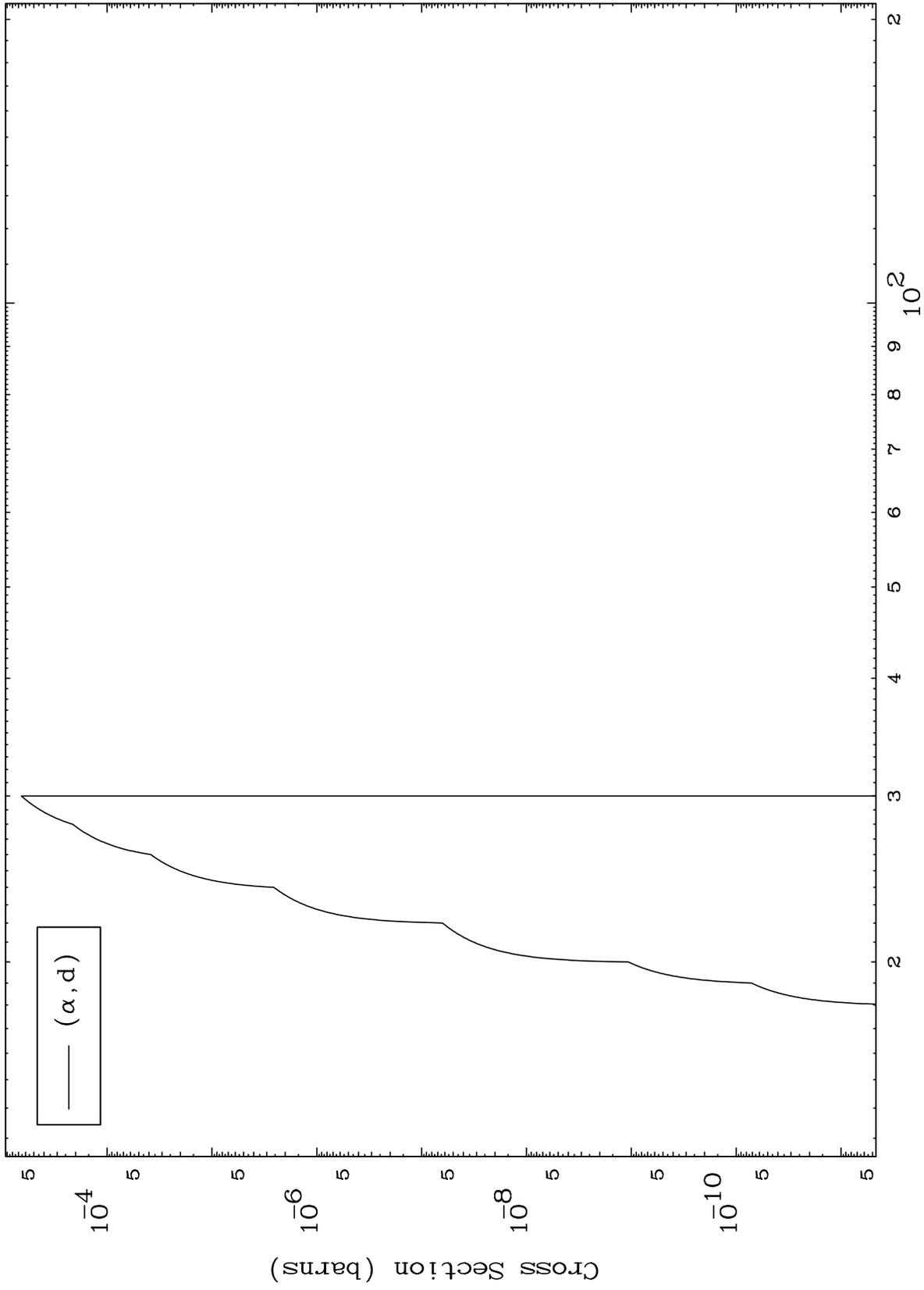
Incident Energy (MeV)

77-Ir-172

MAT 7669

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

77-Ir-172



7

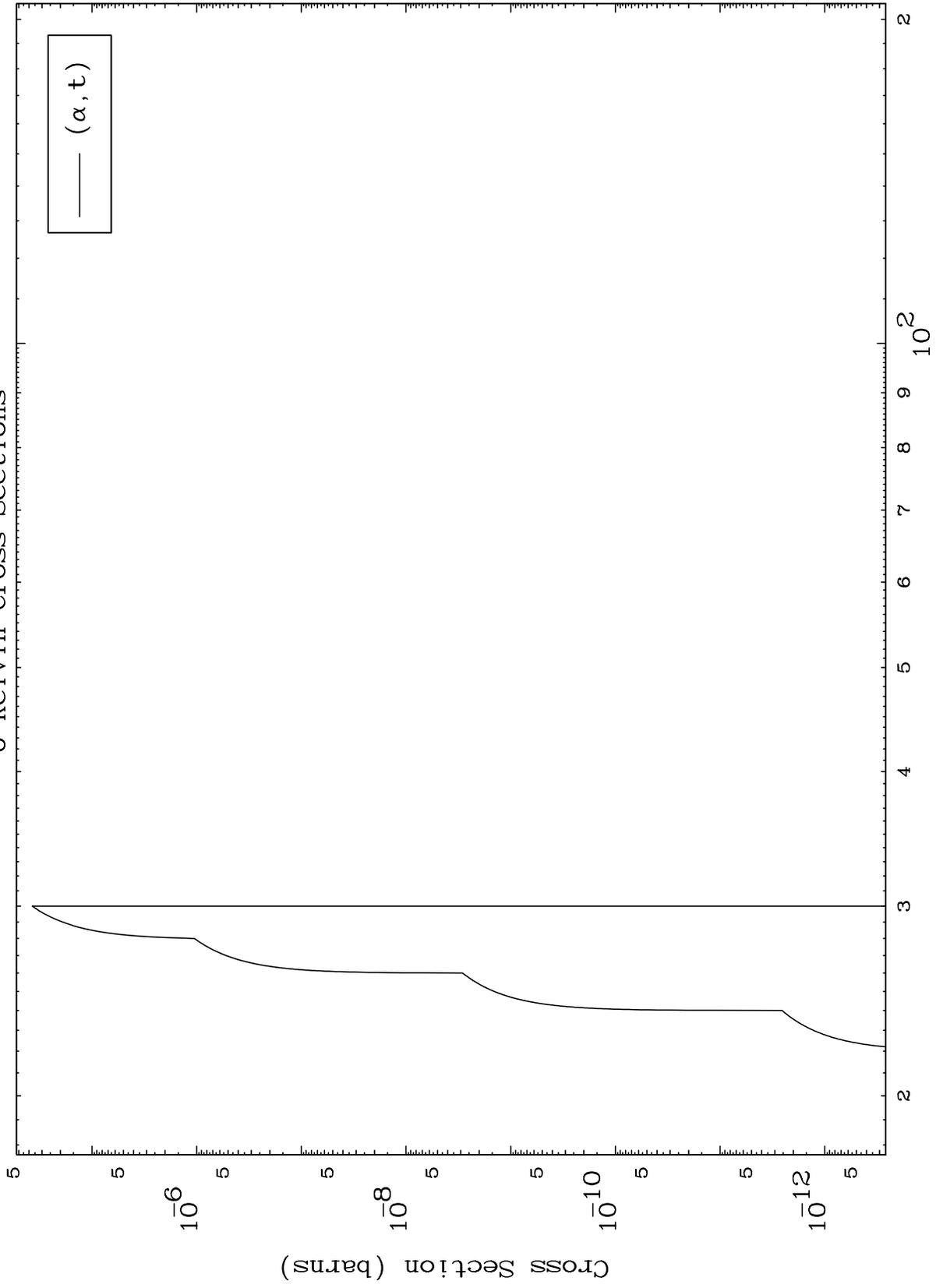
Incident Energy (MeV)

77-Ir-172

MAT 7669

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

77-Ir-172



8

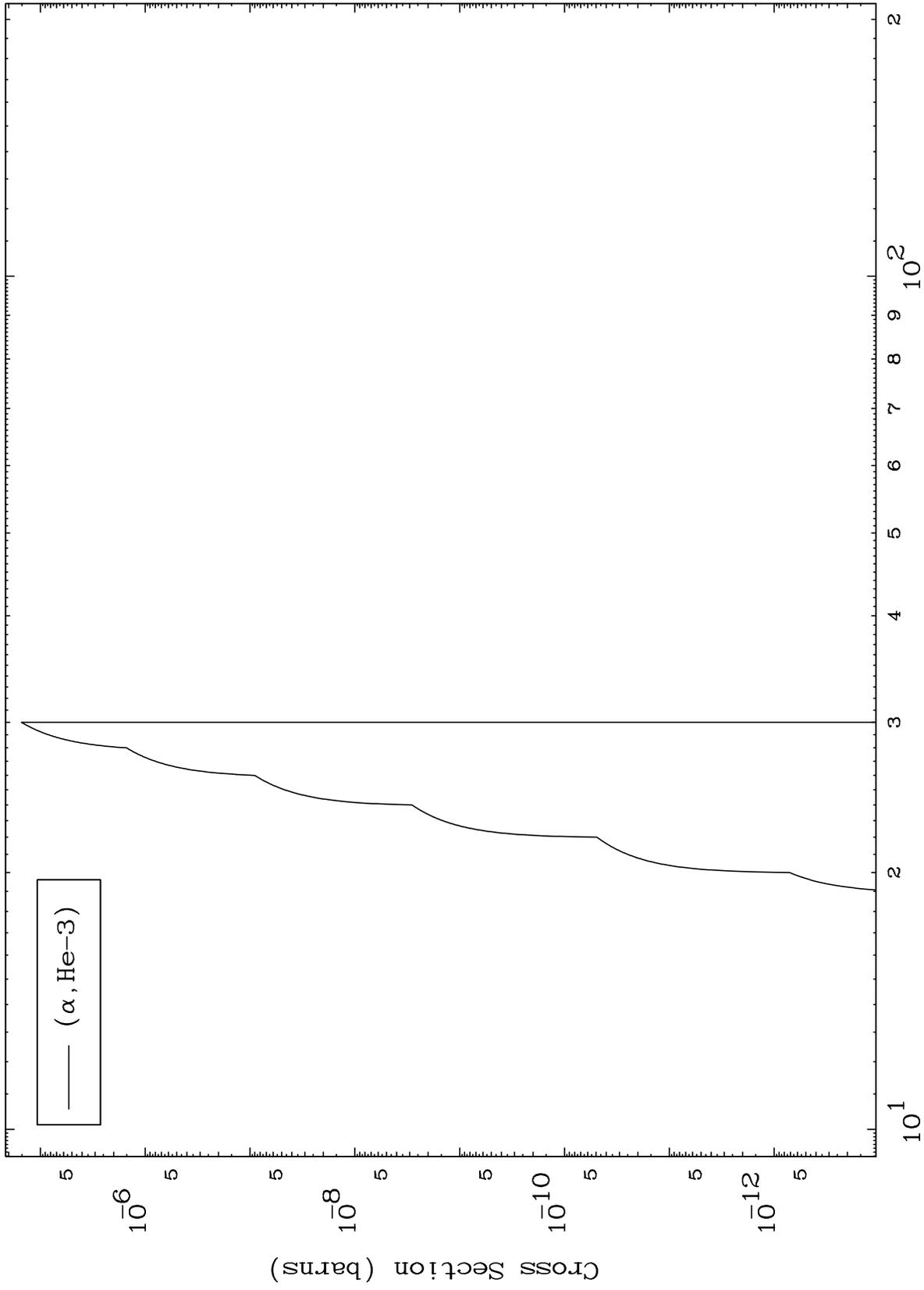
Incident Energy (MeV)

77-Ir-172

MAT 7669

( $\alpha$ ,He3) Levels  
0 Kelvin Cross Sections

77-Ir-172



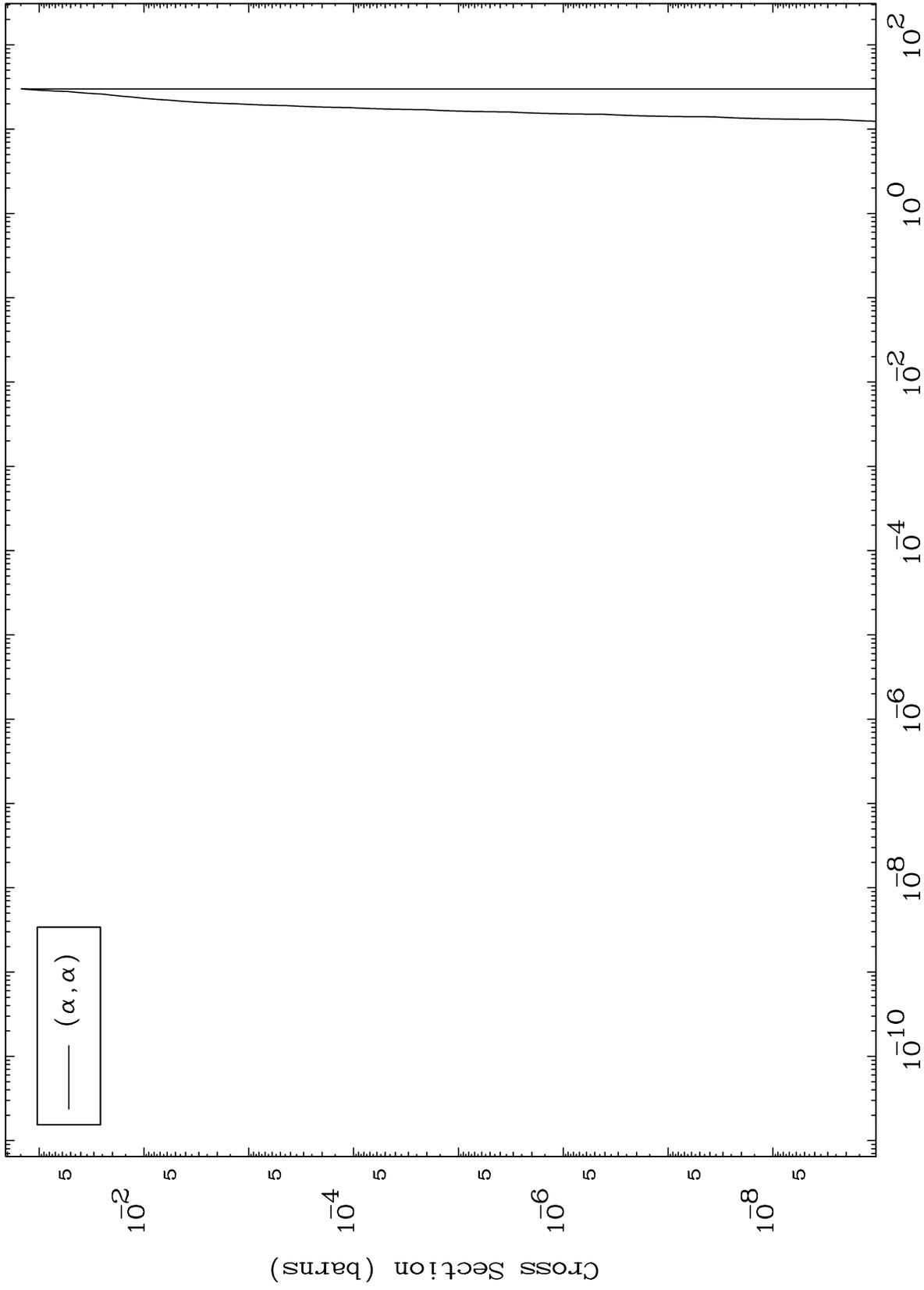
Incident Energy (MeV)

77-Ir-172

MAT 7669

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

77-Ir-172



10

Incident Energy (MeV)

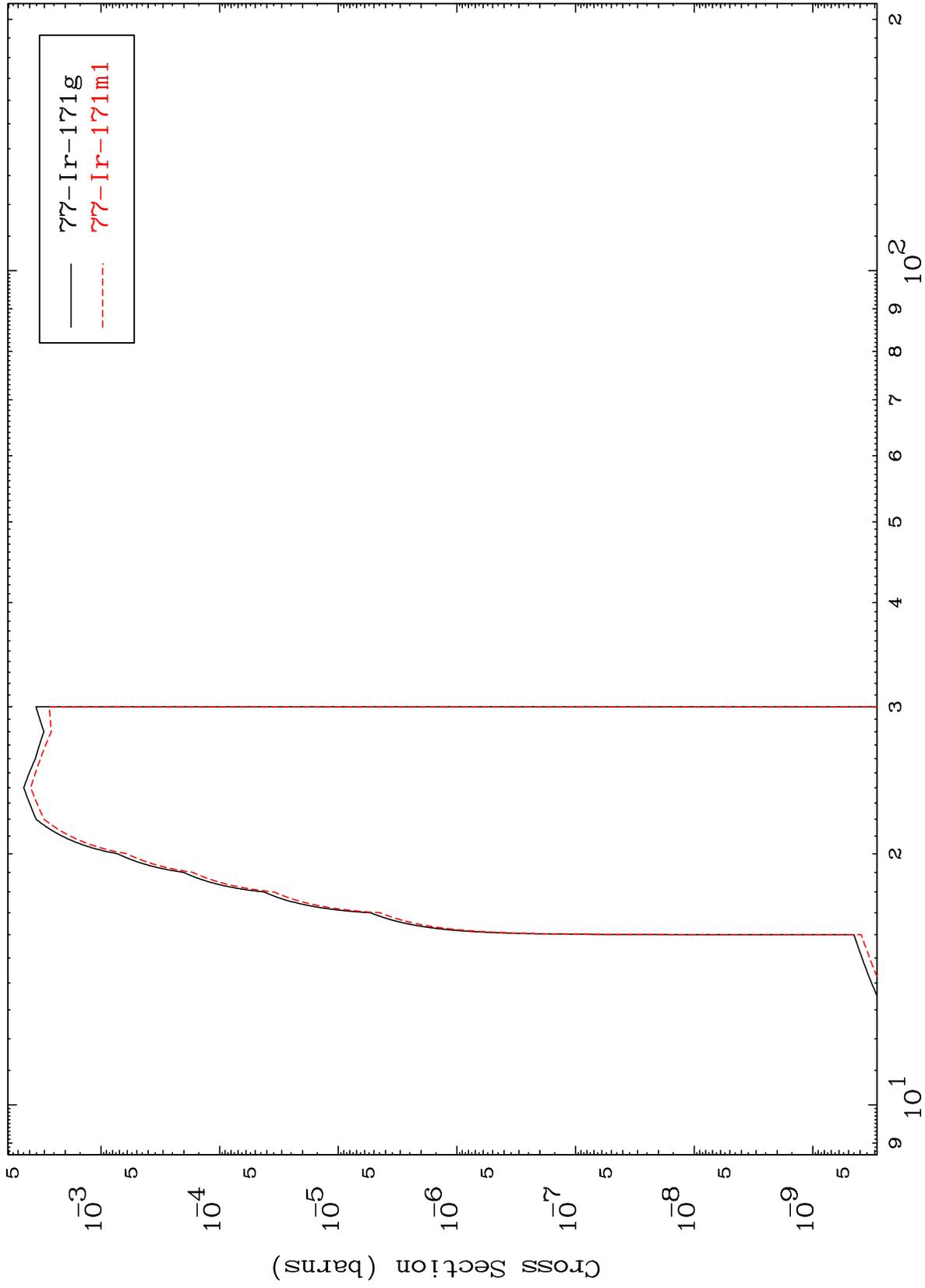
77-Ir-172

MAT 7669

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

<sup>77</sup>Ir-172

Radionuclide Production Cross Section



11

Incident Energy (MeV)

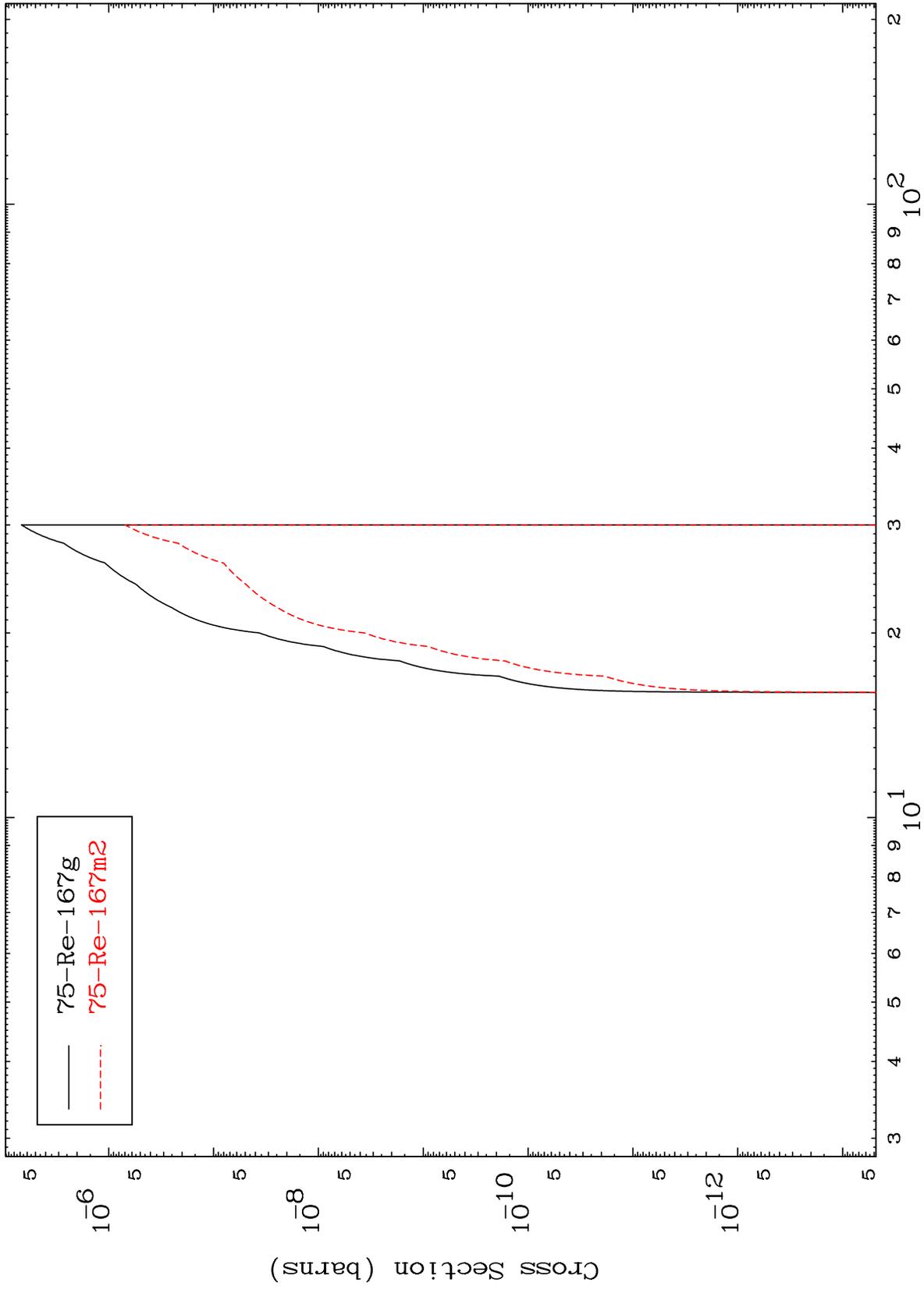
<sup>77</sup>Ir-172

MAT 7669

( $\alpha, n'$ )  $2\alpha$

$^{77}\text{Ir}-172$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

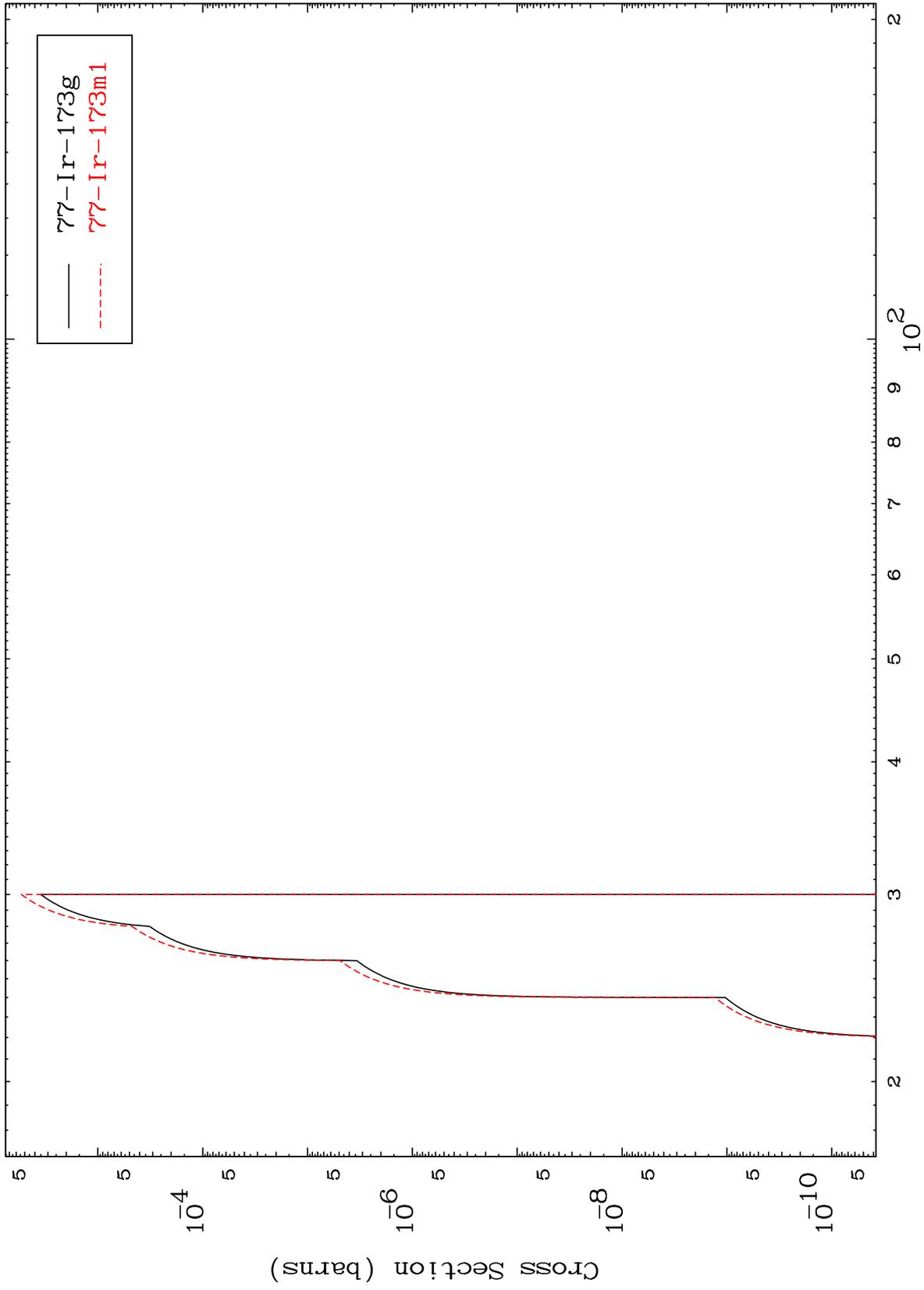
$^{77}\text{Ir}-172$

MAT 7669

( $\alpha, 2n$ ) p

<sup>77</sup>Ir-172

Radionuclide Production Cross Section



13

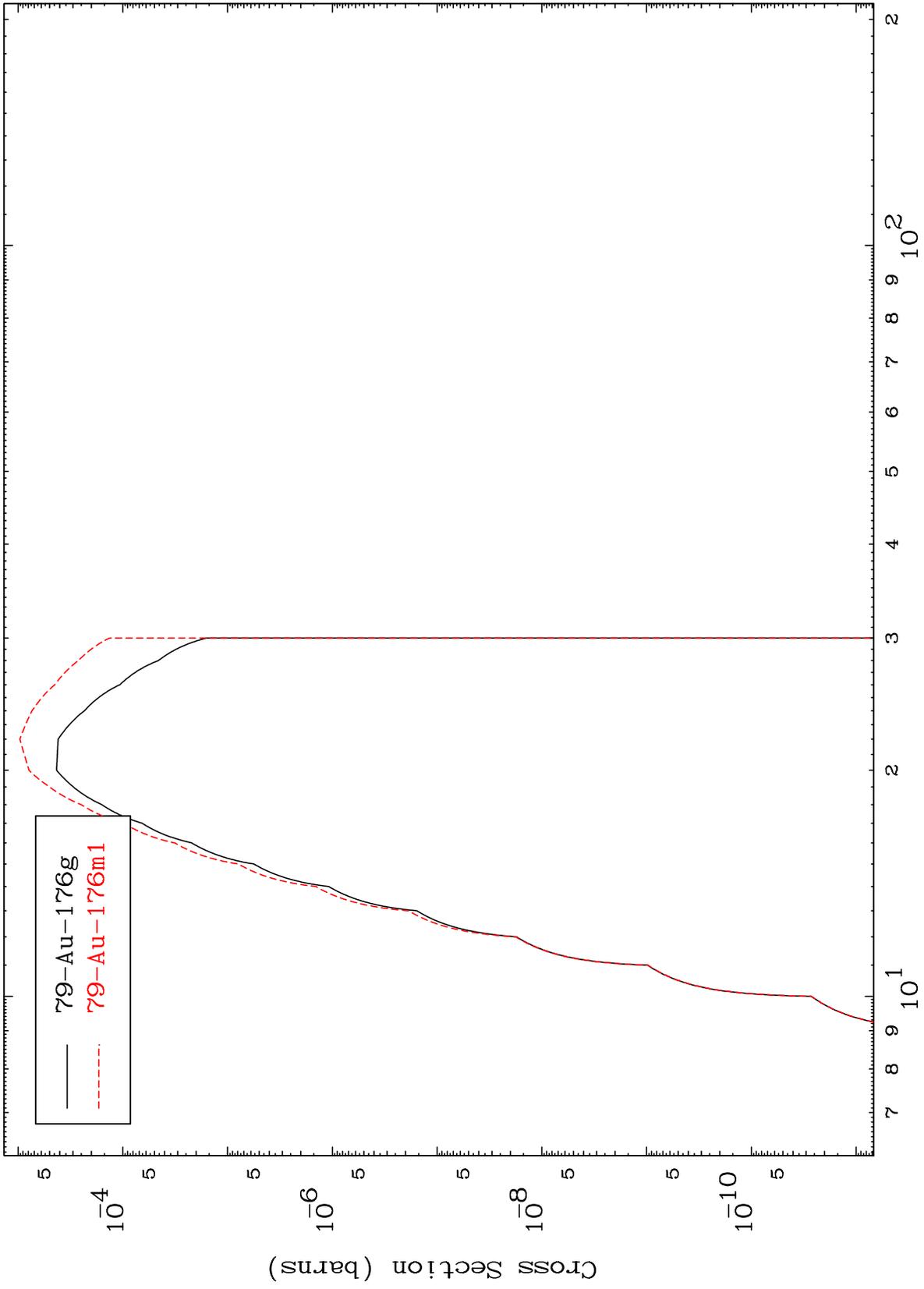
Incident Energy (MeV)

<sup>77</sup>Ir-172

MAT 7669

<sup>77</sup>Ir-172

Radionuclide Production Cross Section



— 79-Au-176g  
- - - 79-Au-176m1

14

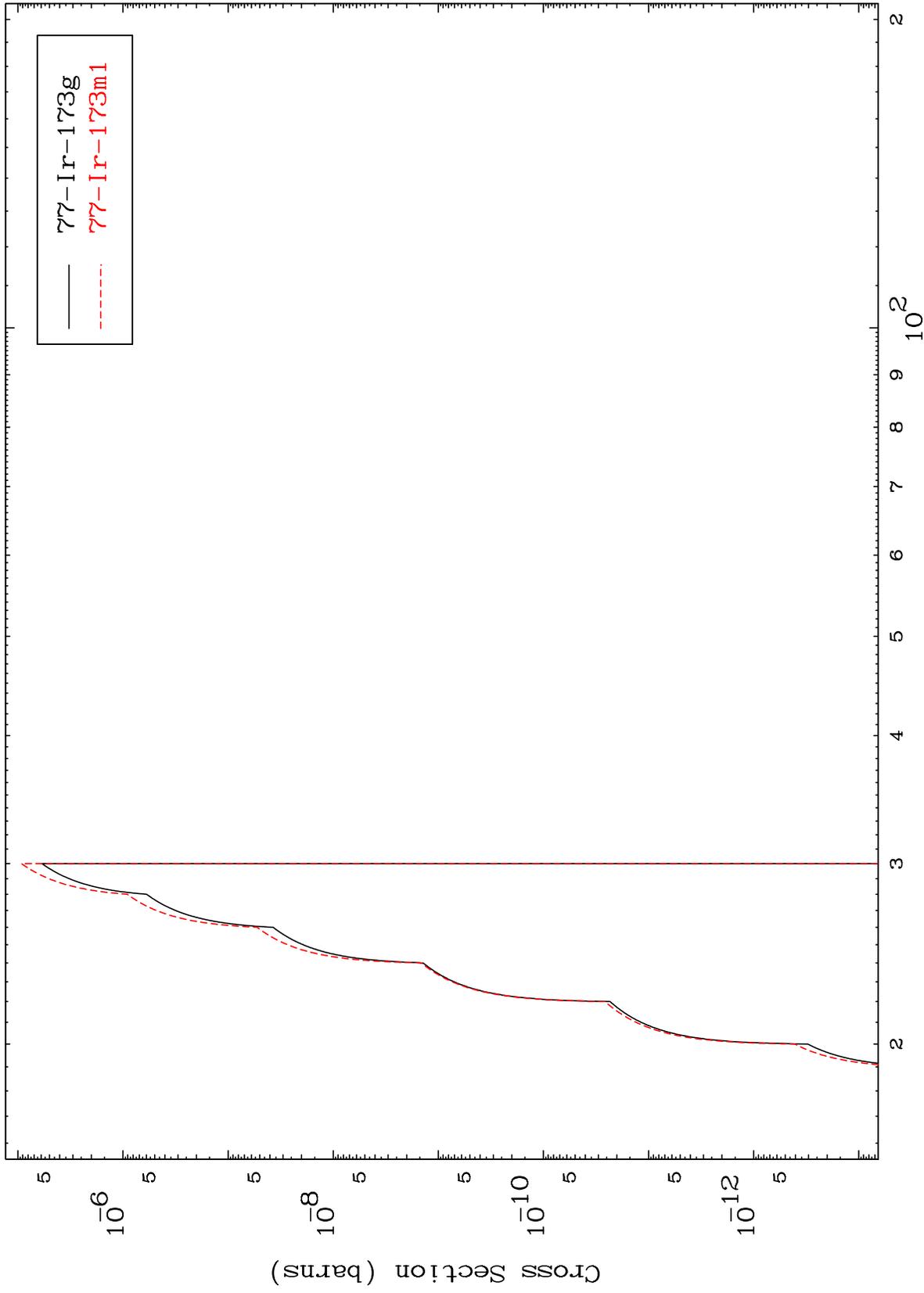
<sup>77</sup>Ir-172

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

$^{77}\text{Ir-172}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

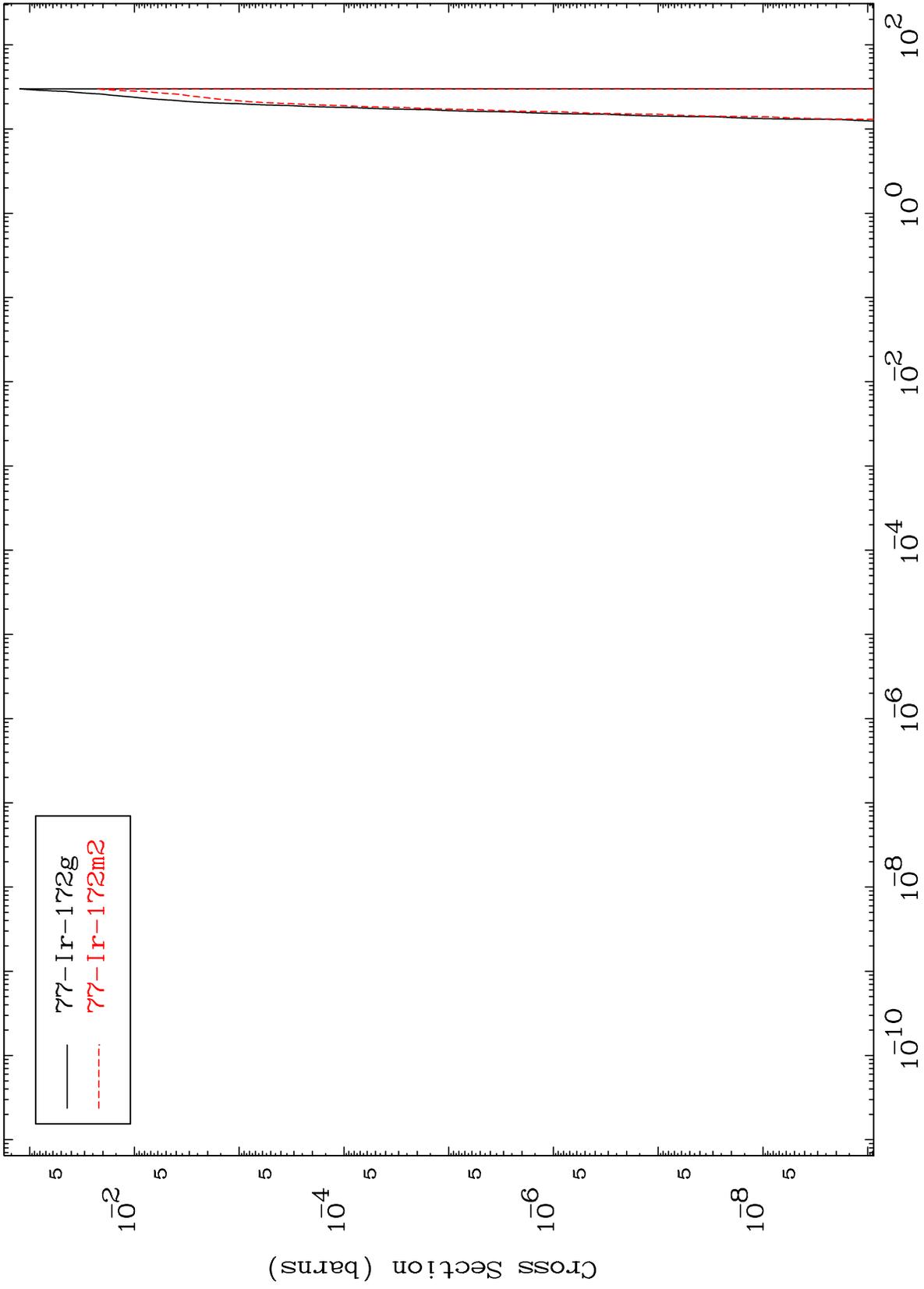
$^{77}\text{Ir-172}$

MAT 7669

( $\alpha, \alpha$ )

<sup>77</sup>Ir-172

Radionuclide Production Cross Section



16

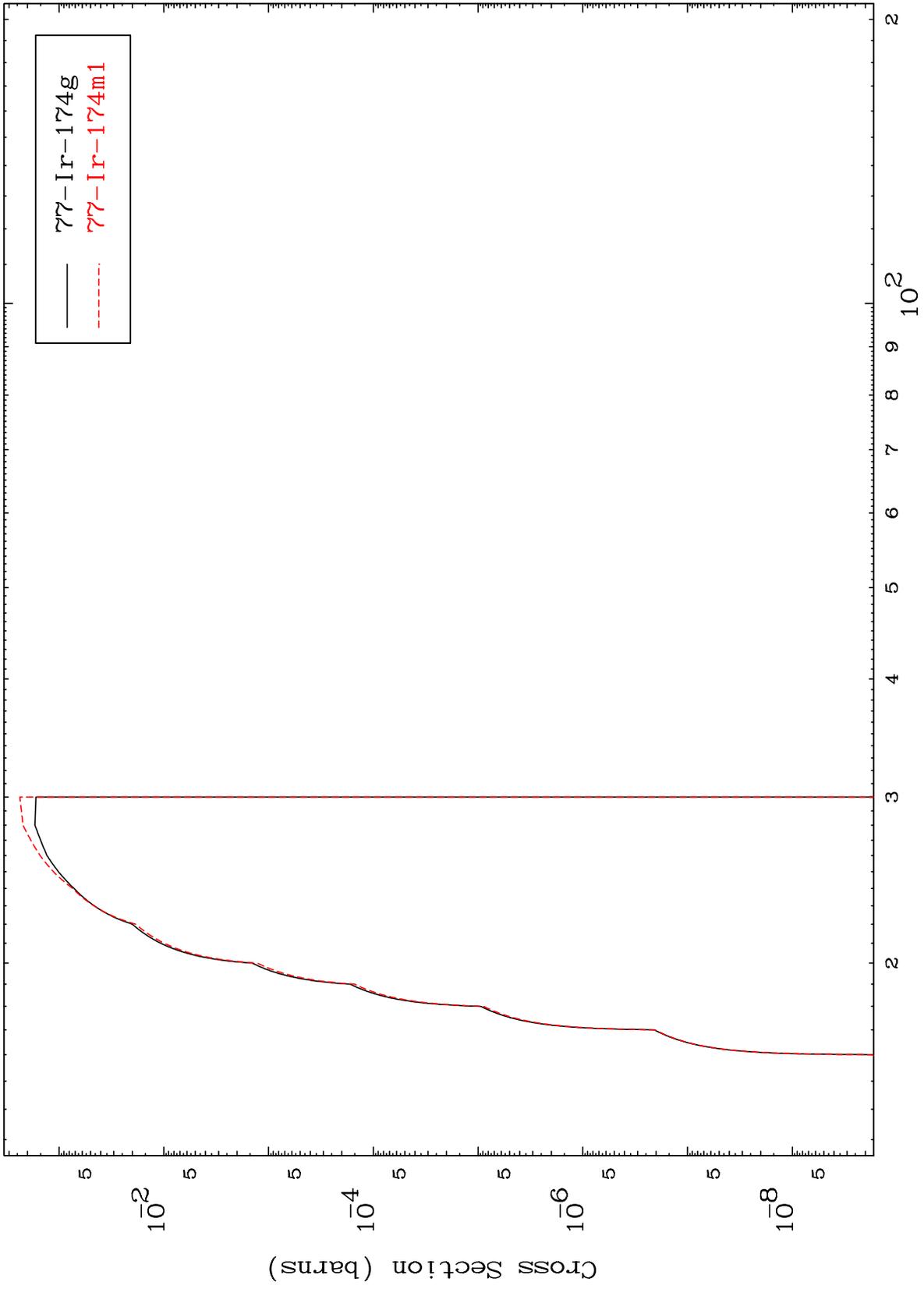
Incident Energy (MeV)

<sup>77</sup>Ir-172

MAT 7669

77-Ir-172

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



17

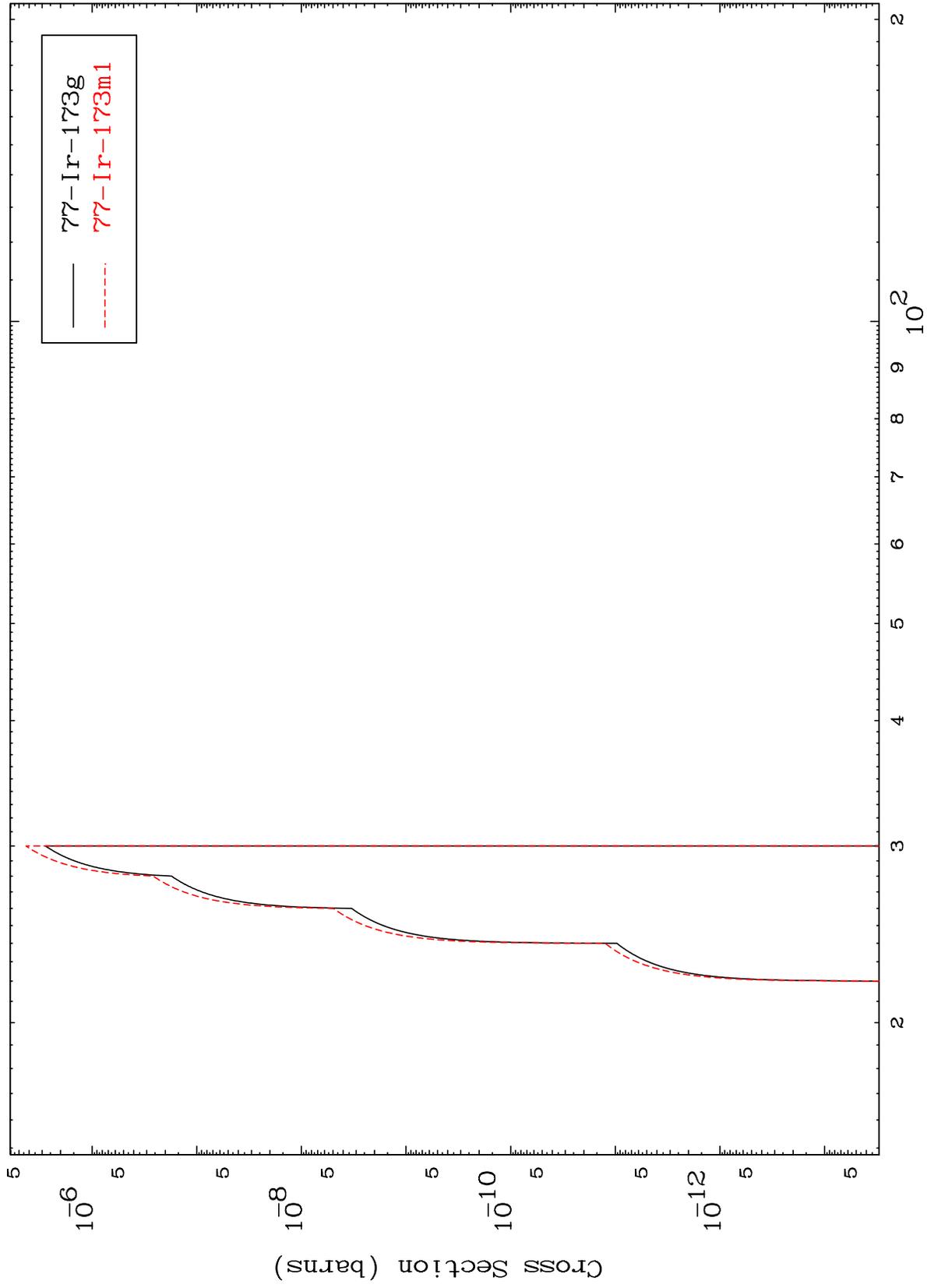
77-Ir-172

MAT 7669

( $\alpha, p$ ) d

<sup>77</sup>Ir-172

Radionuclide Production Cross Section



18

Incident Energy (MeV)

<sup>77</sup>Ir-172