

Program EVALPLOT  
(Version 2018-1)

by

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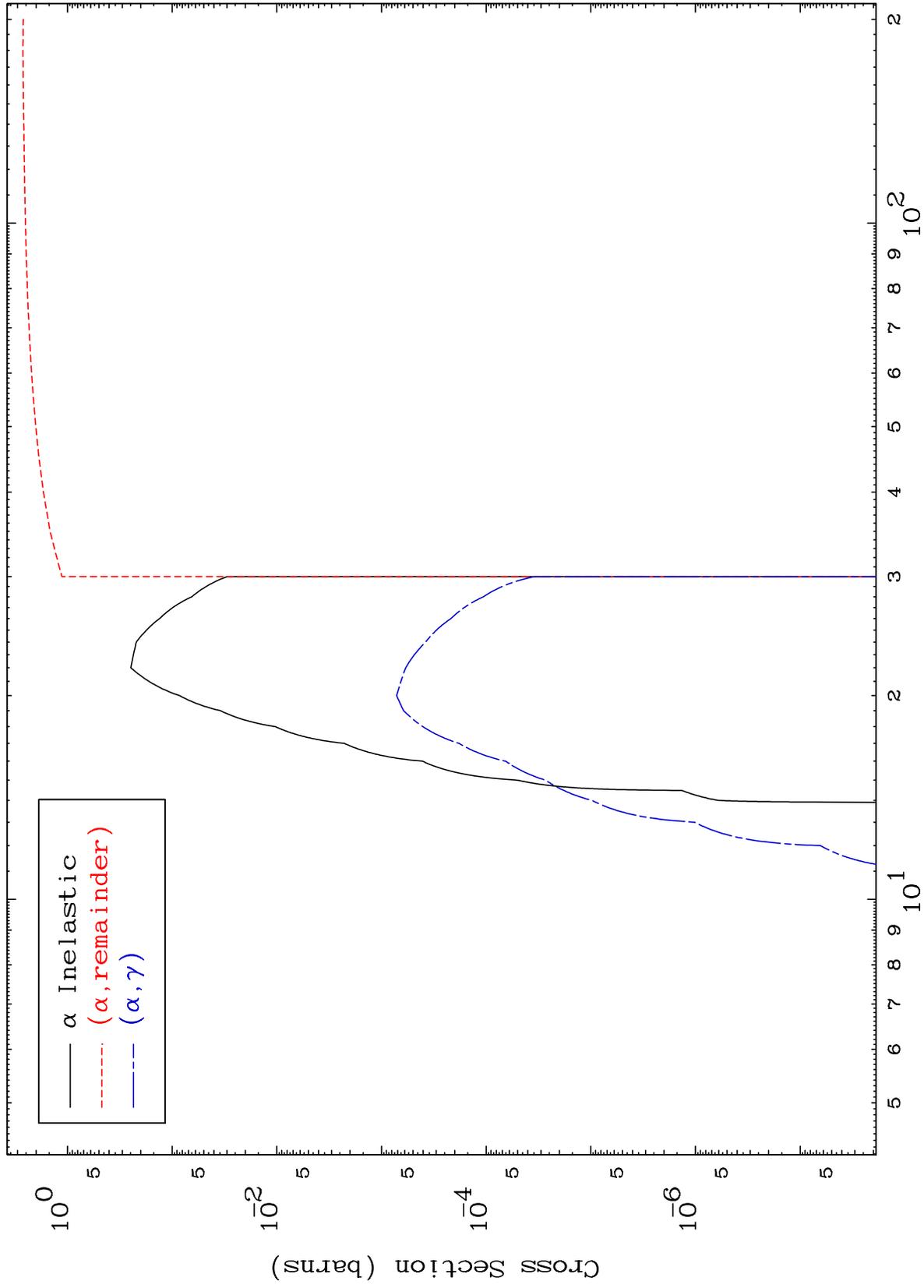
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7707

0 Kelvin  $\alpha$  Major

77-Ir-185



1

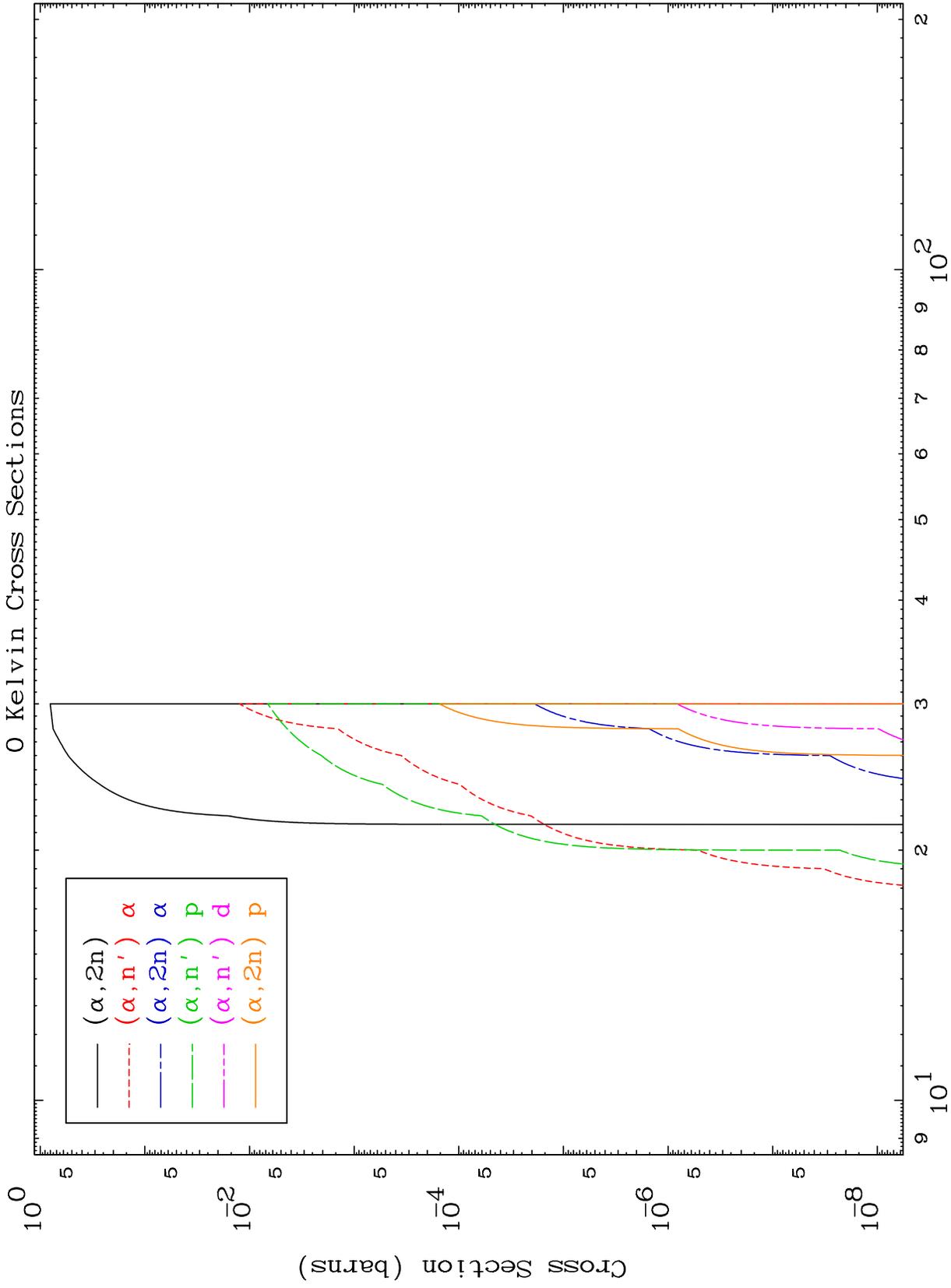
Incident Energy (MeV)

77-Ir-185

MAT 7707

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

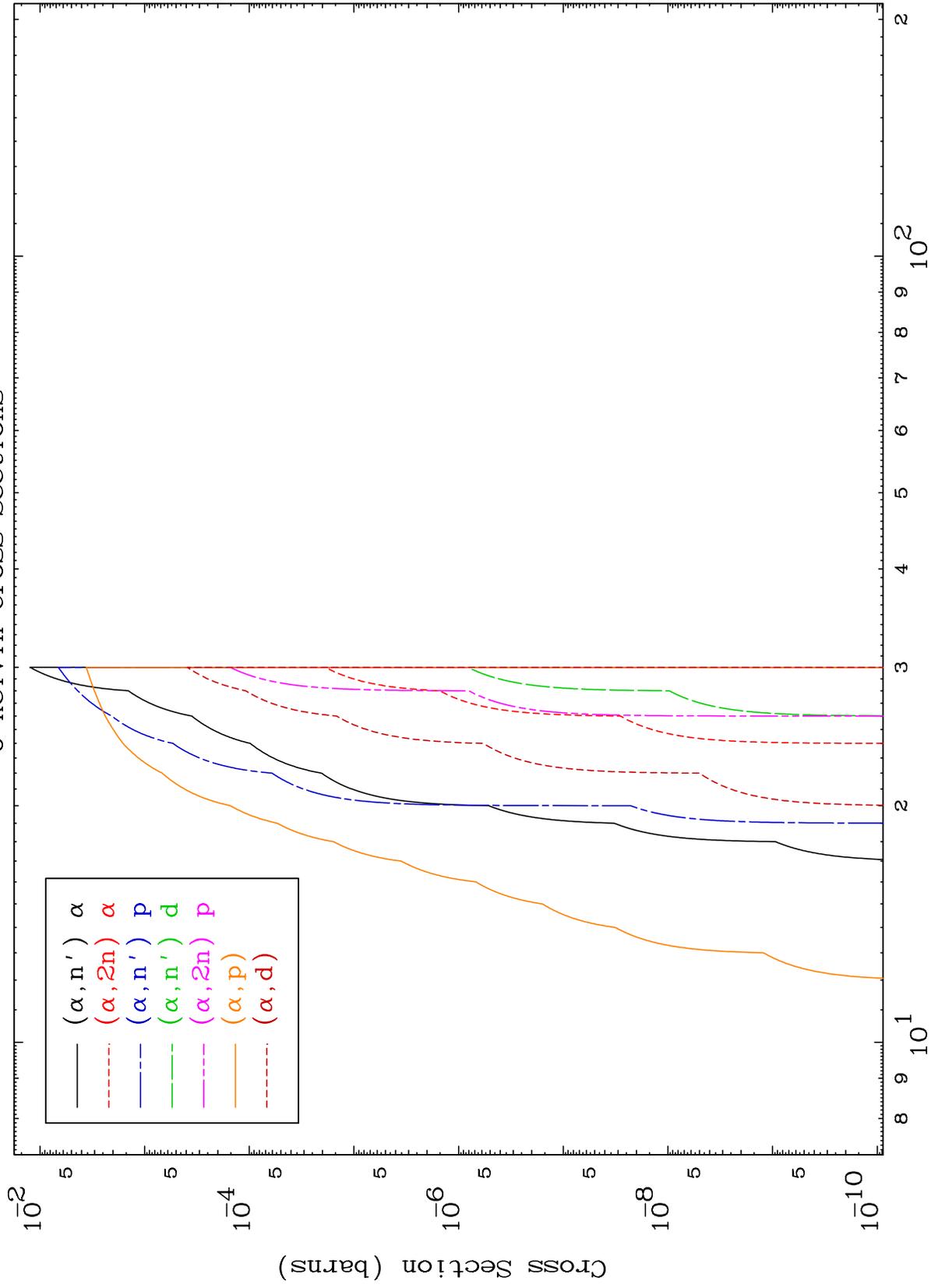
77-Ir-185



2

Incident Energy (MeV)

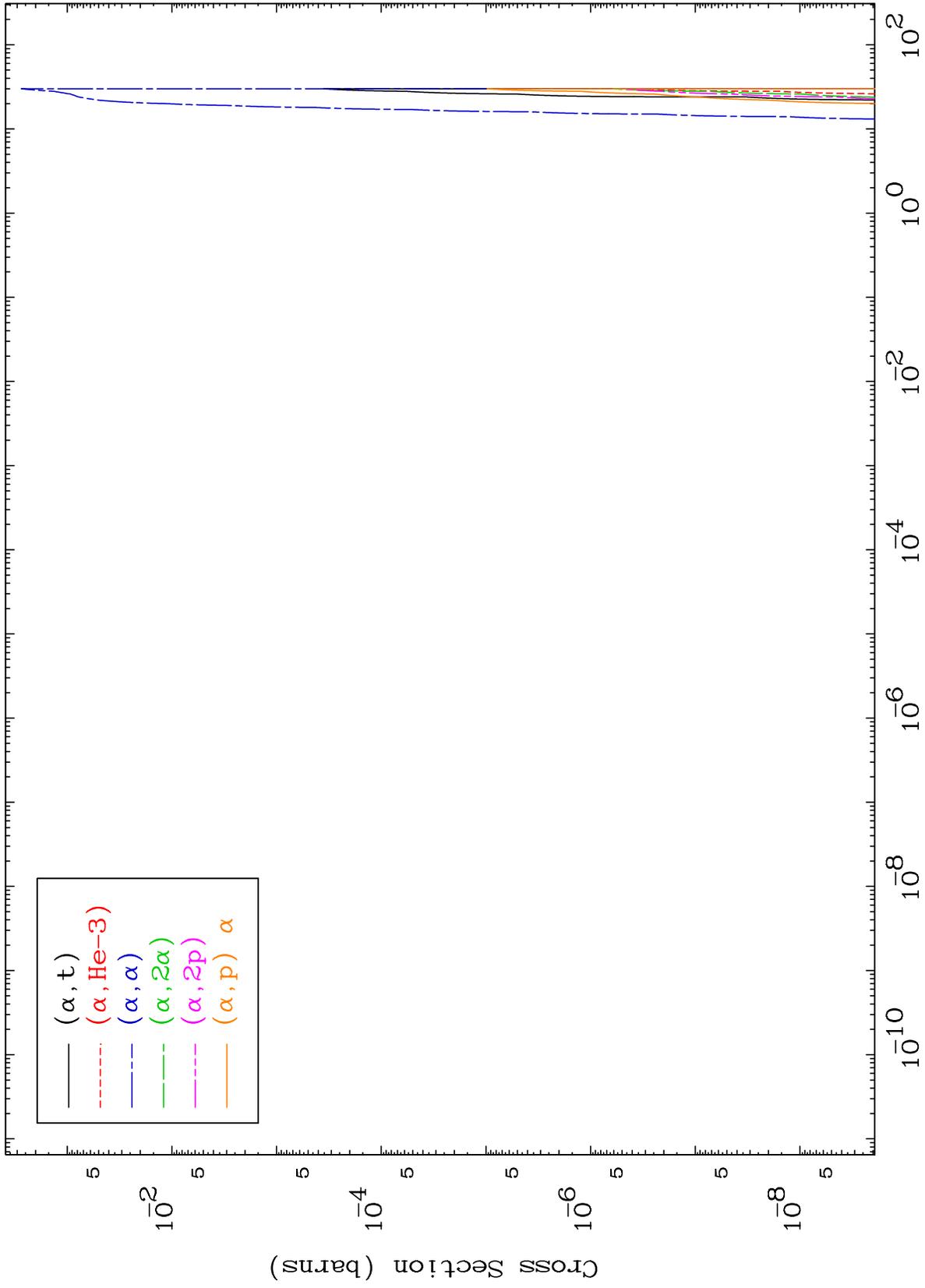
77-Ir-185



MAT 7707

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

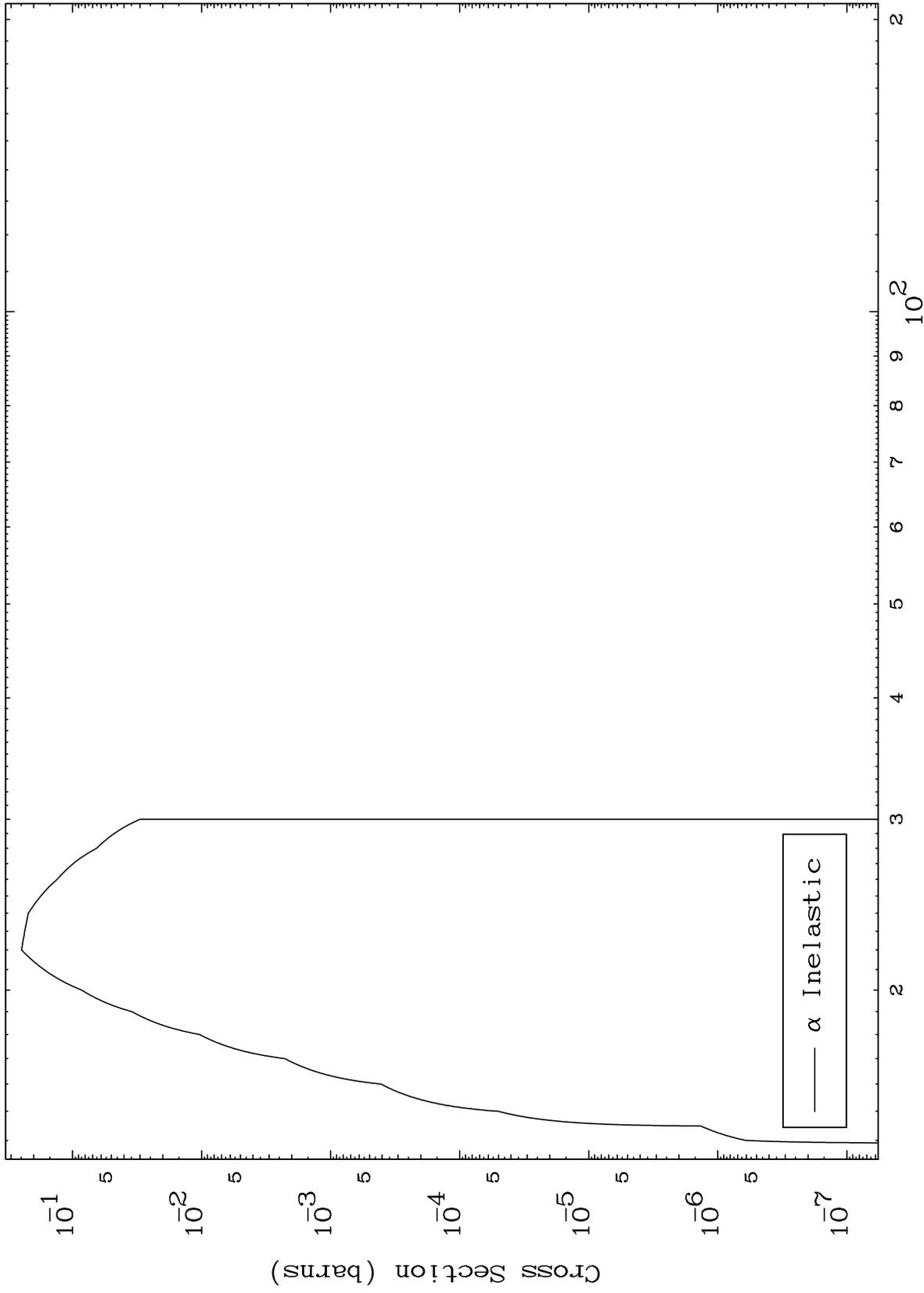
77-Ir-185



MAT 7707

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

77-Ir-185



5

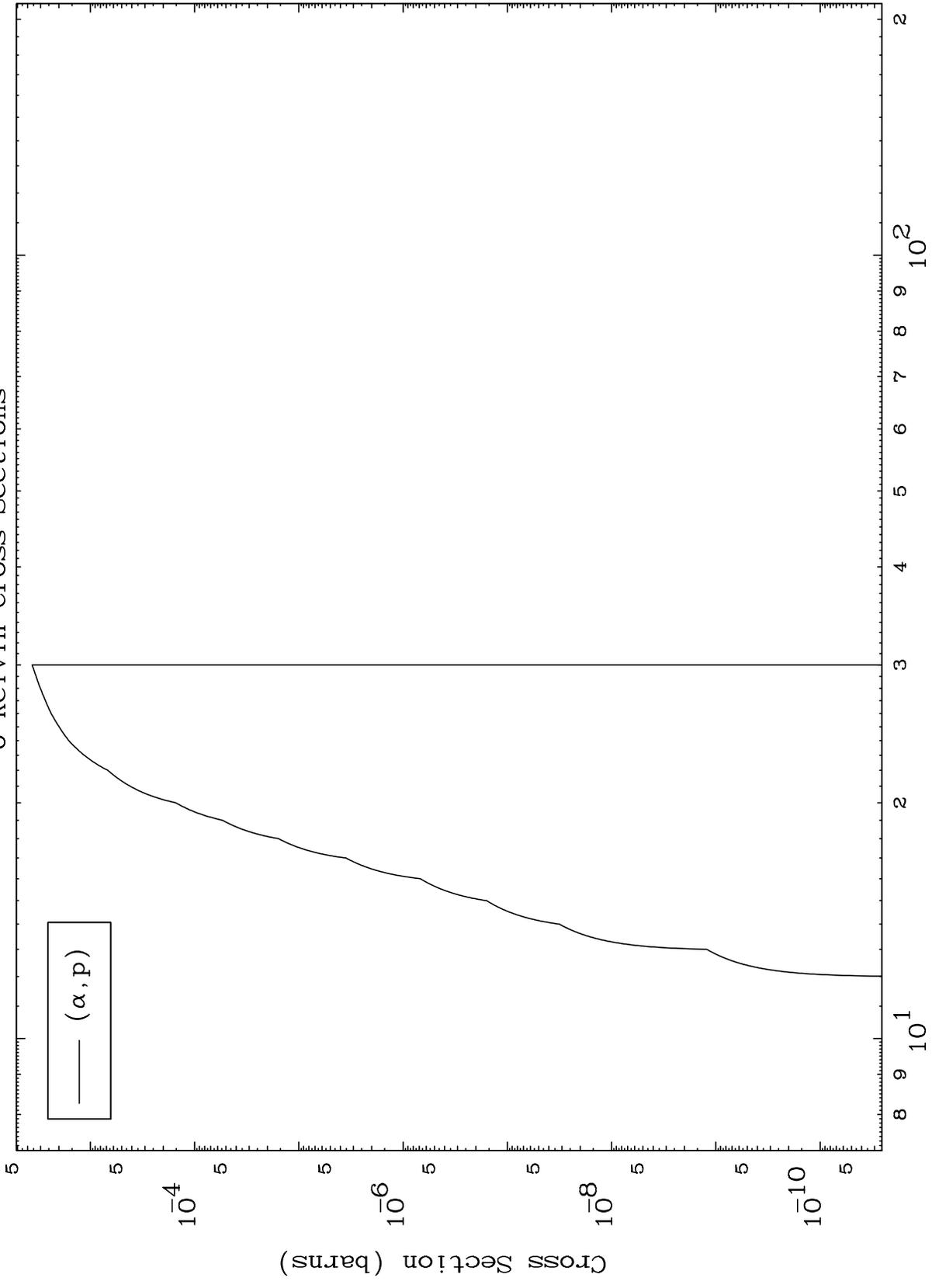
Incident Energy (MeV)

77-Ir-185

MAT 7707

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

77-Ir-185



6

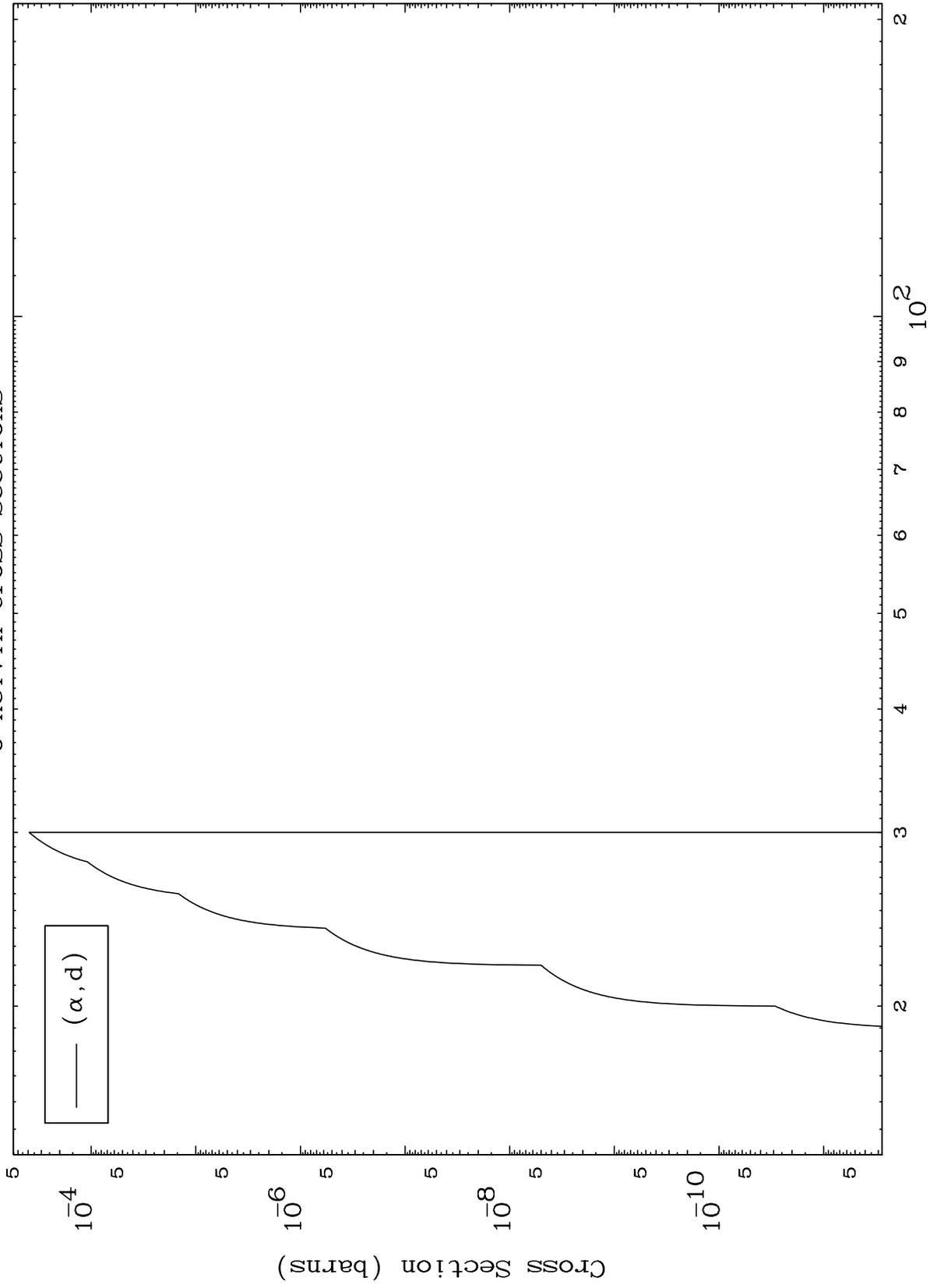
Incident Energy (MeV)

77-Ir-185

MAT 7707

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

77-Ir-185



7

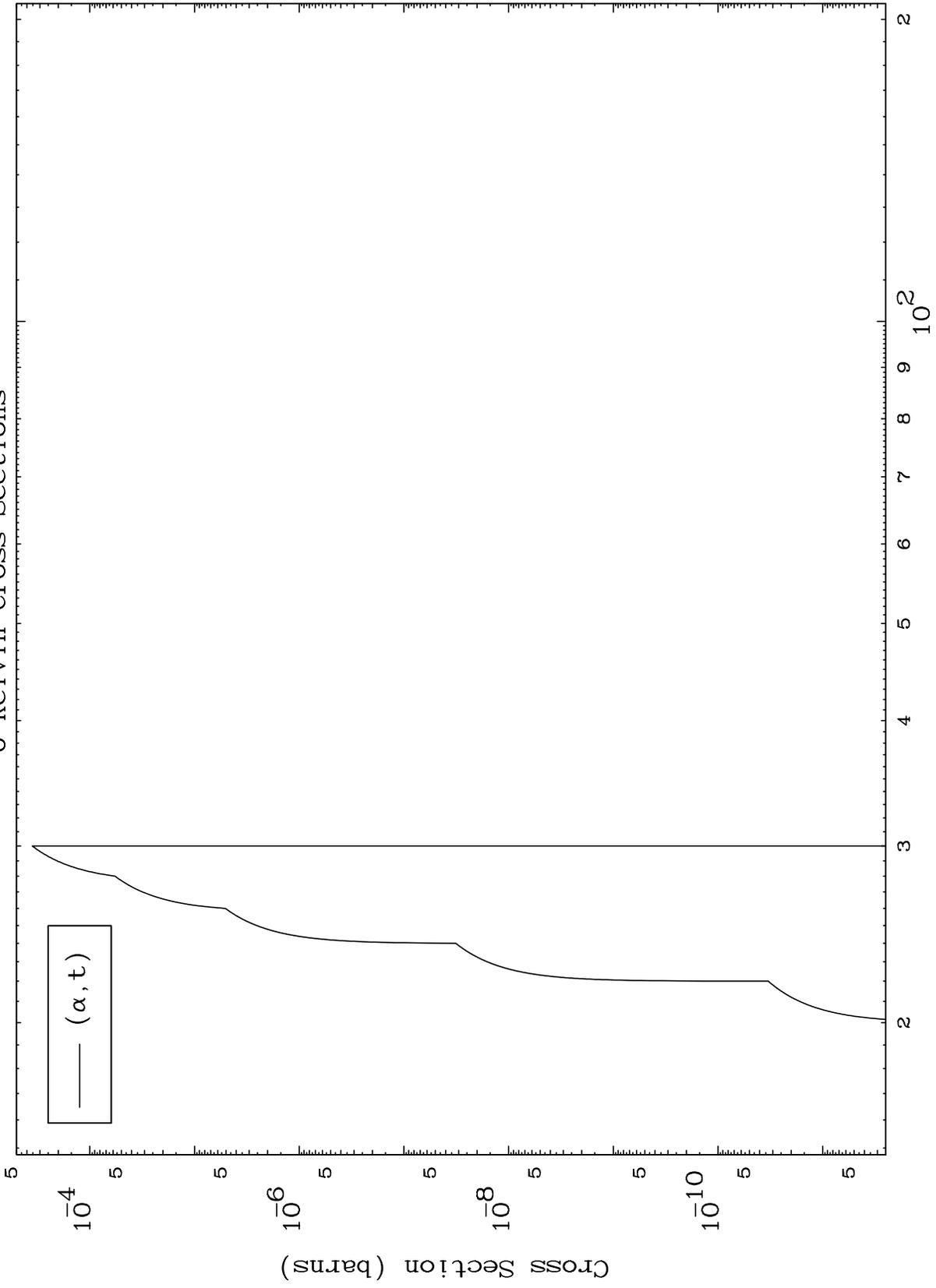
Incident Energy (MeV)

77-Ir-185

MAT 7707

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

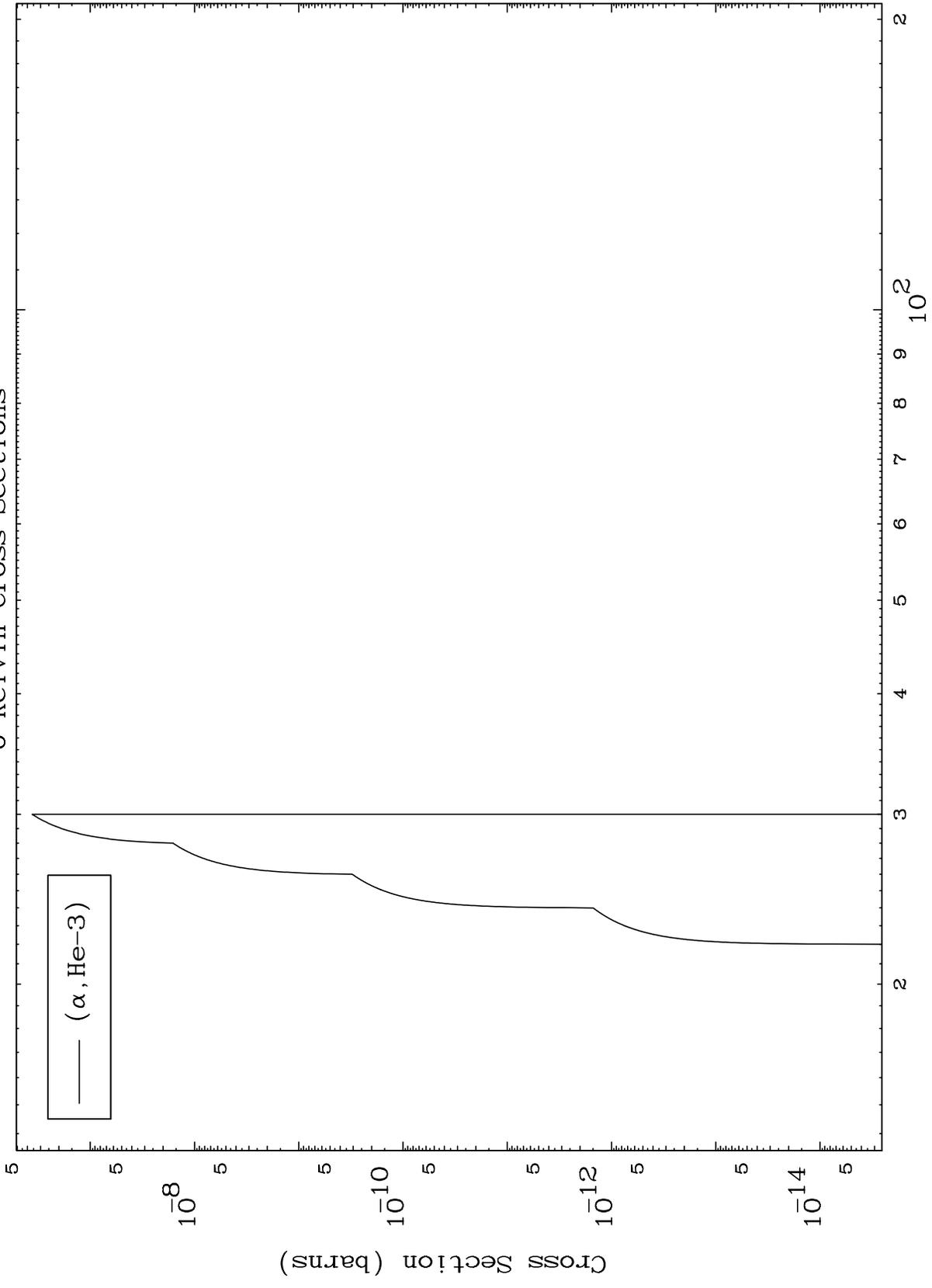
77-Ir-185



8

Incident Energy (MeV)

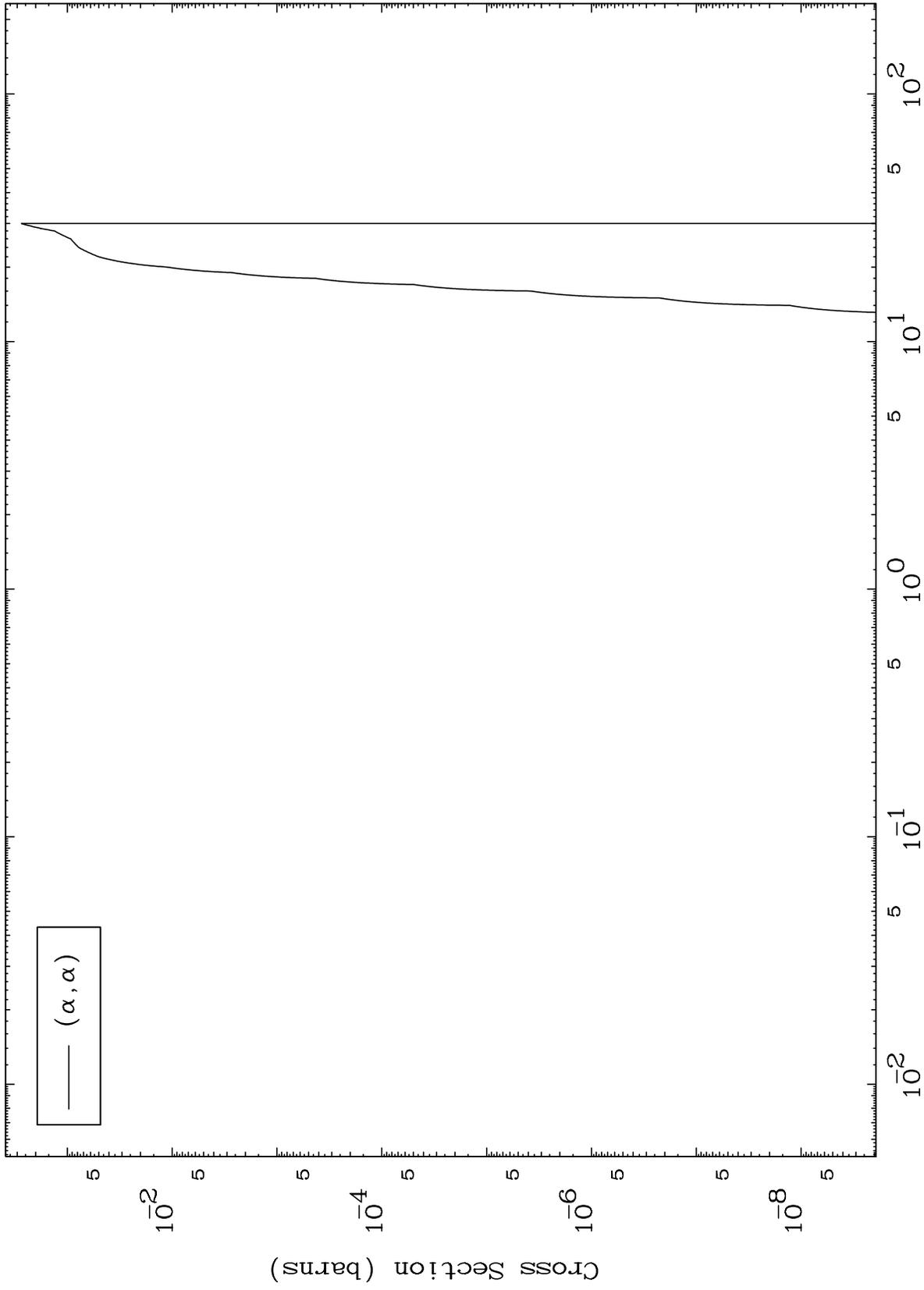
77-Ir-185



MAT 7707

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

77-Ir-185



10

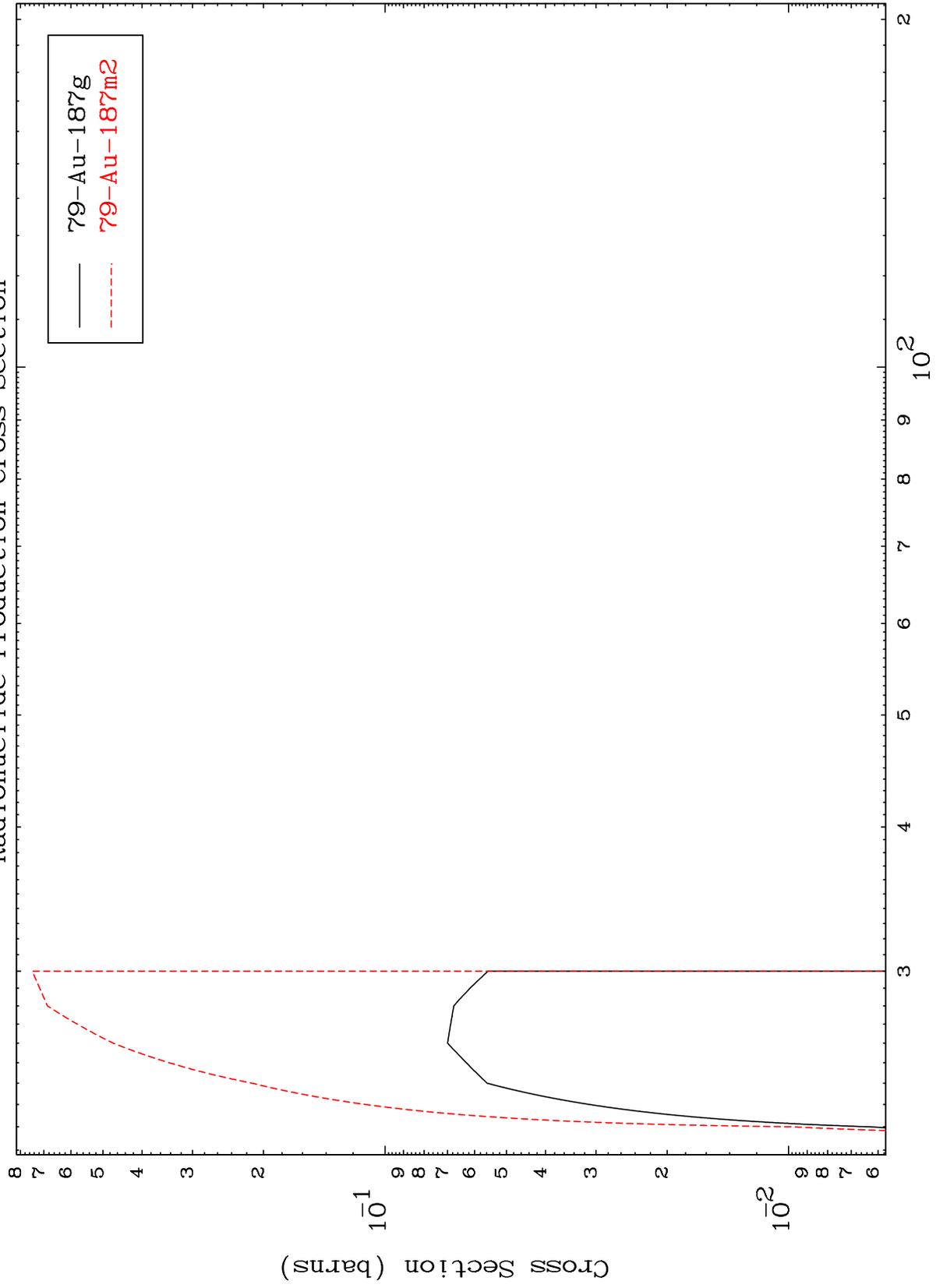
Incident Energy (MeV)

77-Ir-185

MAT 7707

77-Ir-185

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



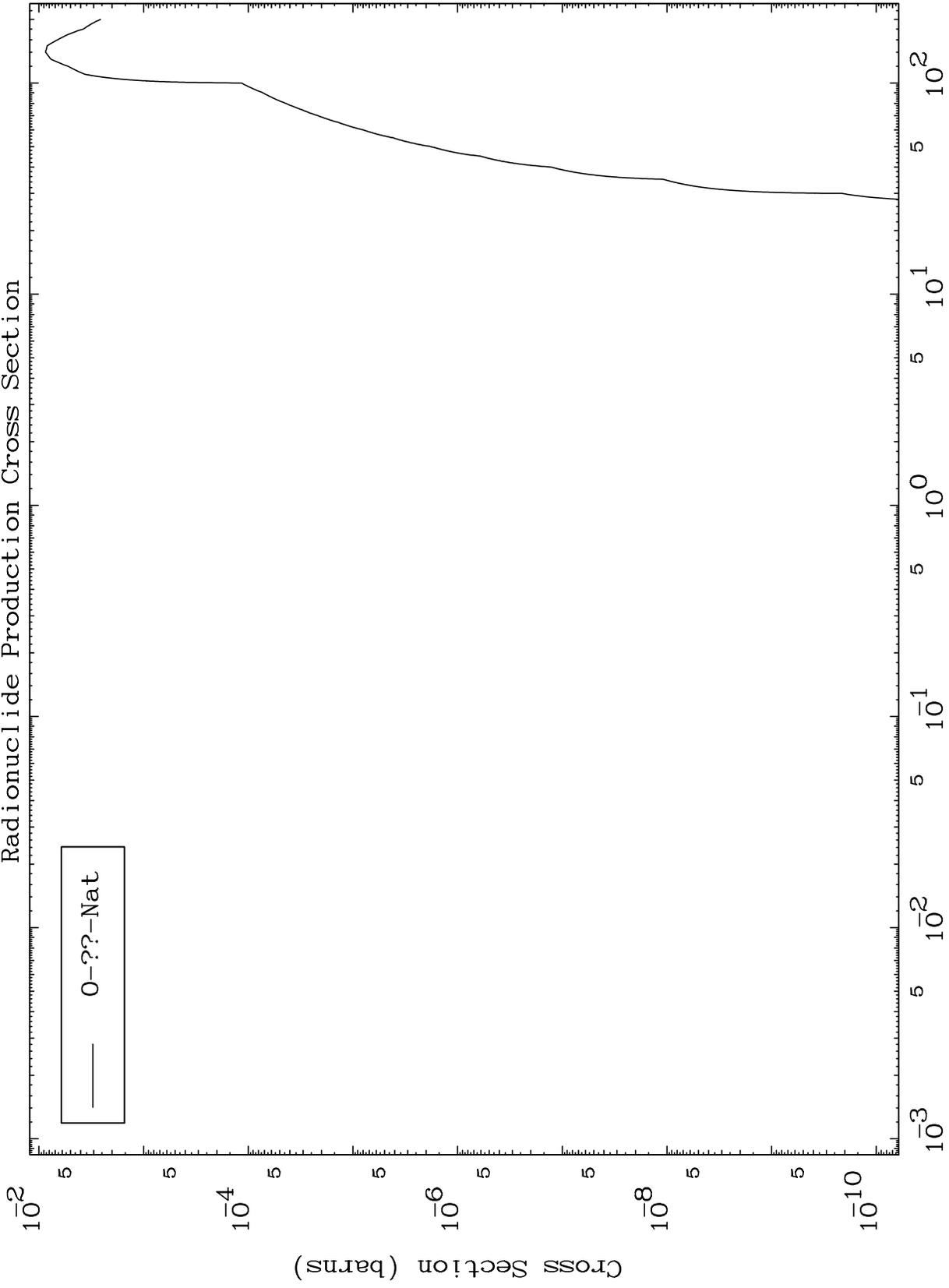
11

77-Ir-185

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$\alpha$  Fission  
Radionuclide Production Cross Section

77-Ir-185



12

Incident Energy (MeV)

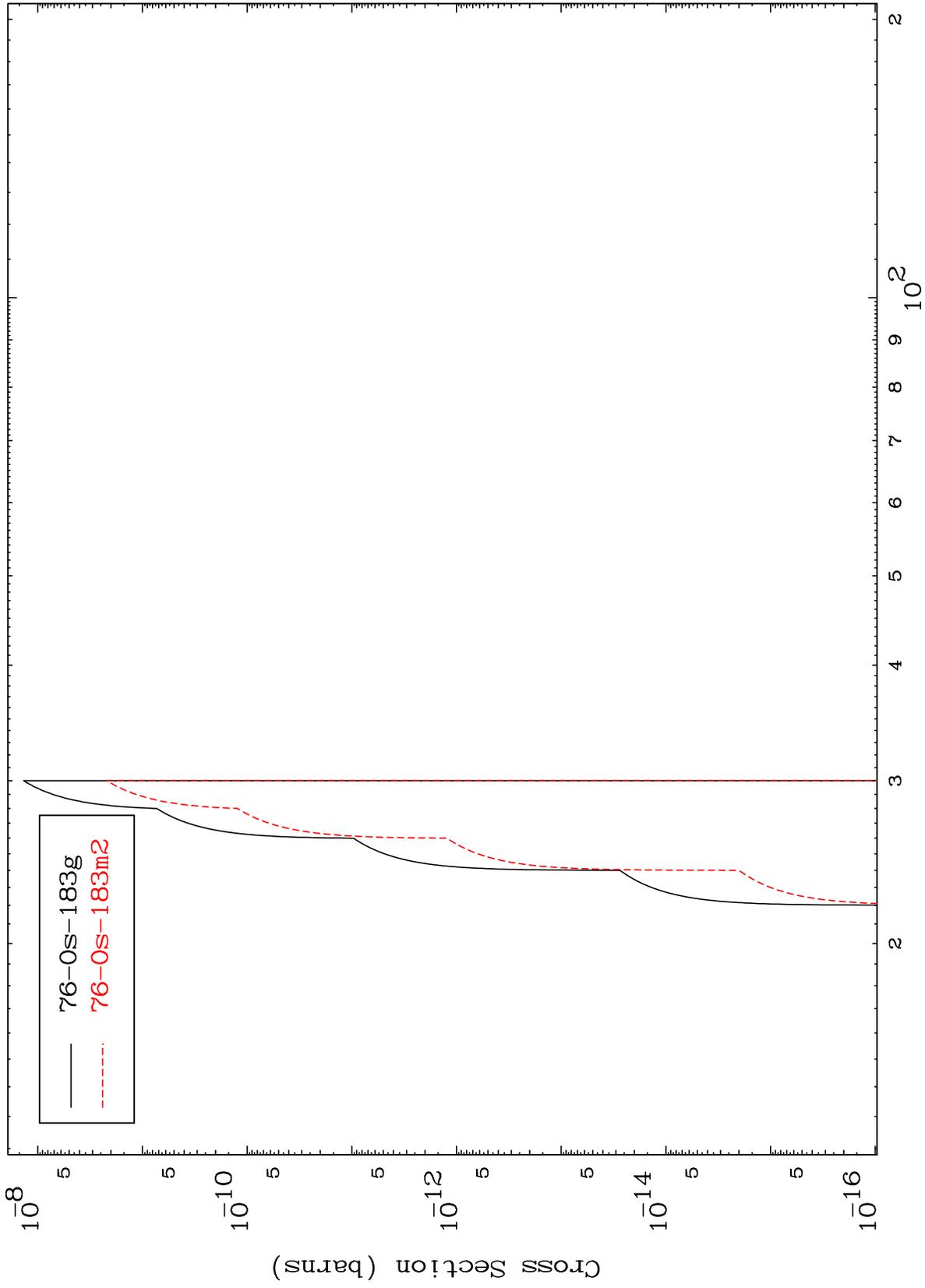
77-Ir-185

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

77-Ir-185

Radionuclide Production Cross Section



13

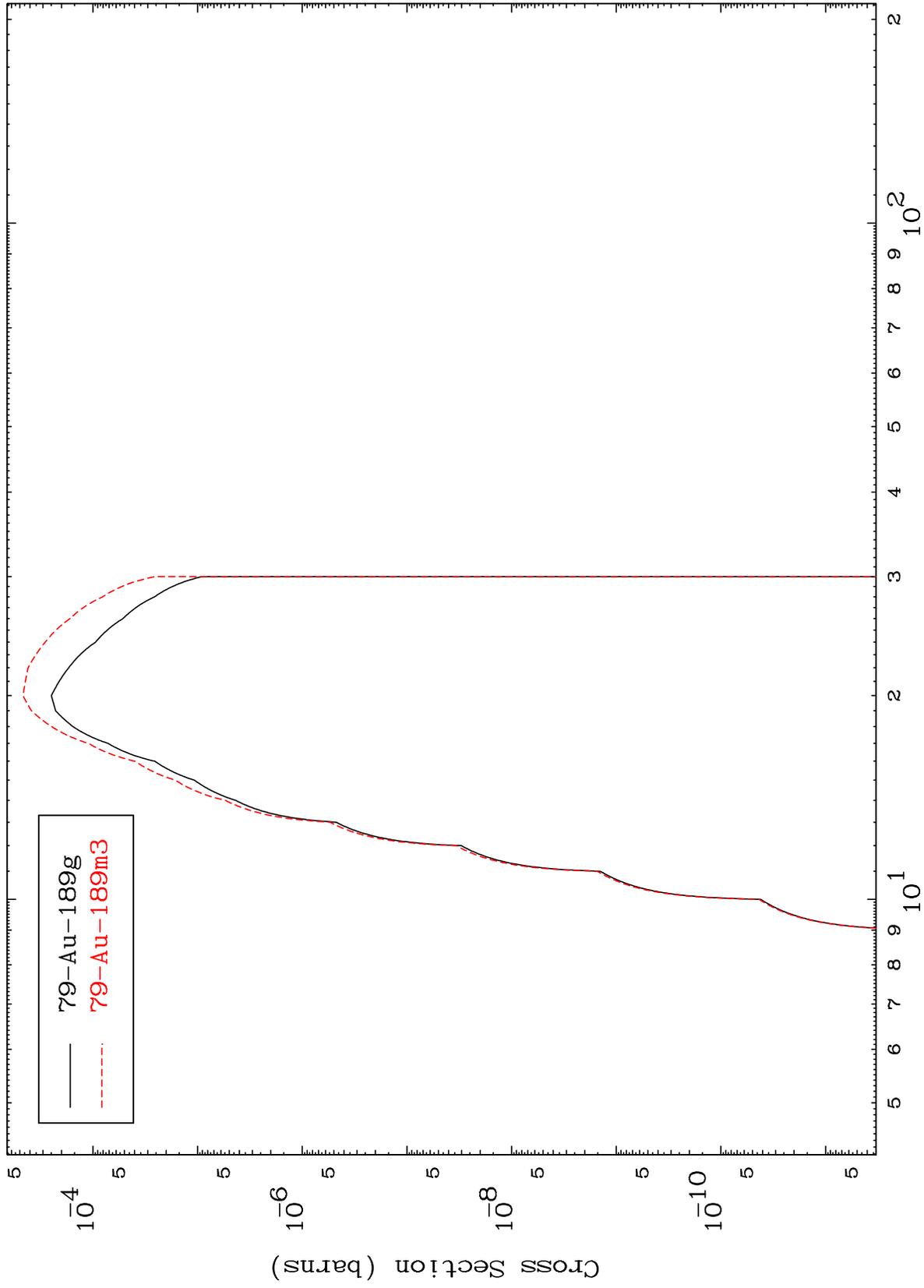
Incident Energy (MeV)

77-Ir-185

MAT 7707

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

<sup>77</sup>Ir-185



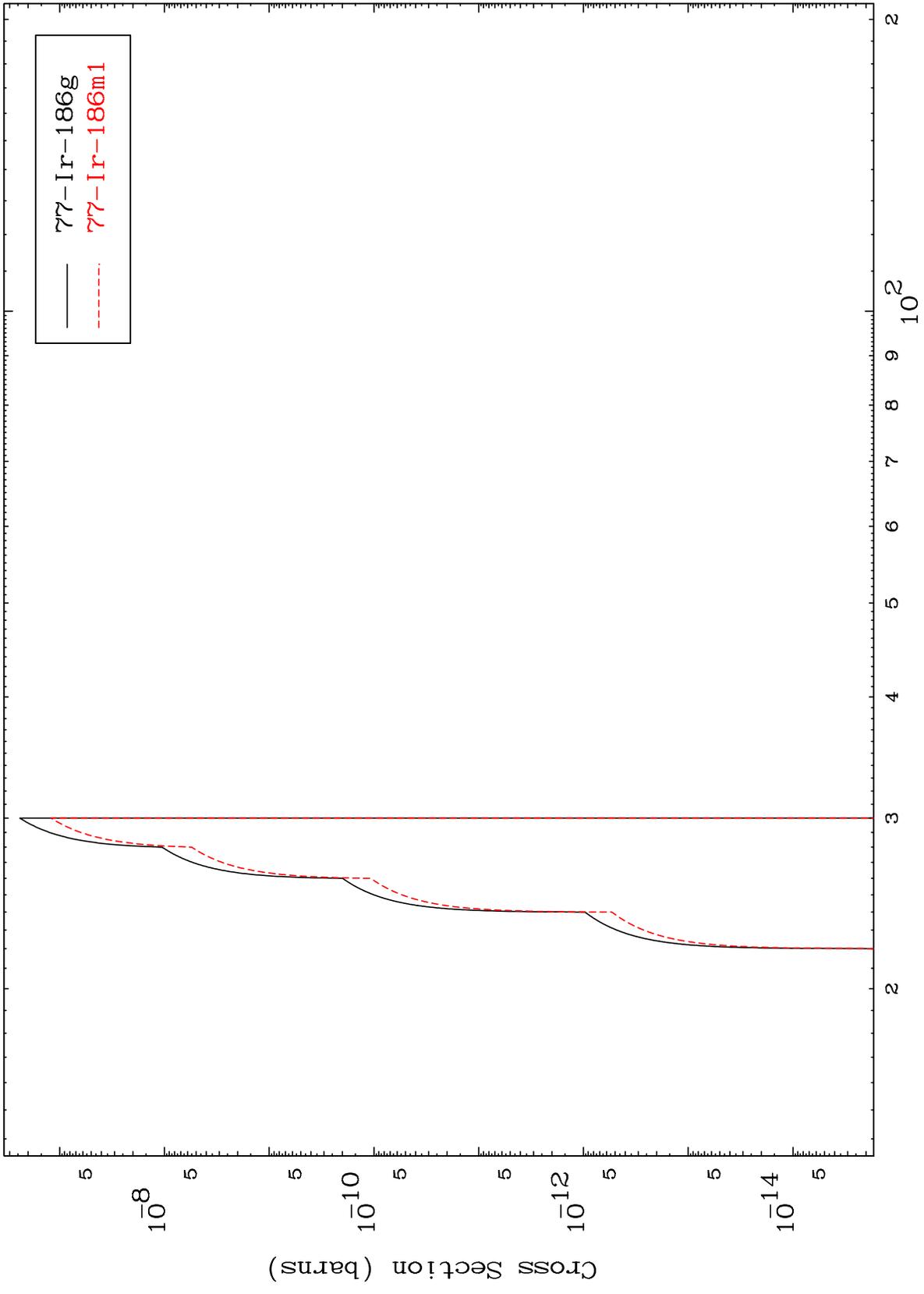
14

MAT 7707

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

77-Ir-185

Radionuclide Production Cross Section



15

Incident Energy (MeV)

77-Ir-185