

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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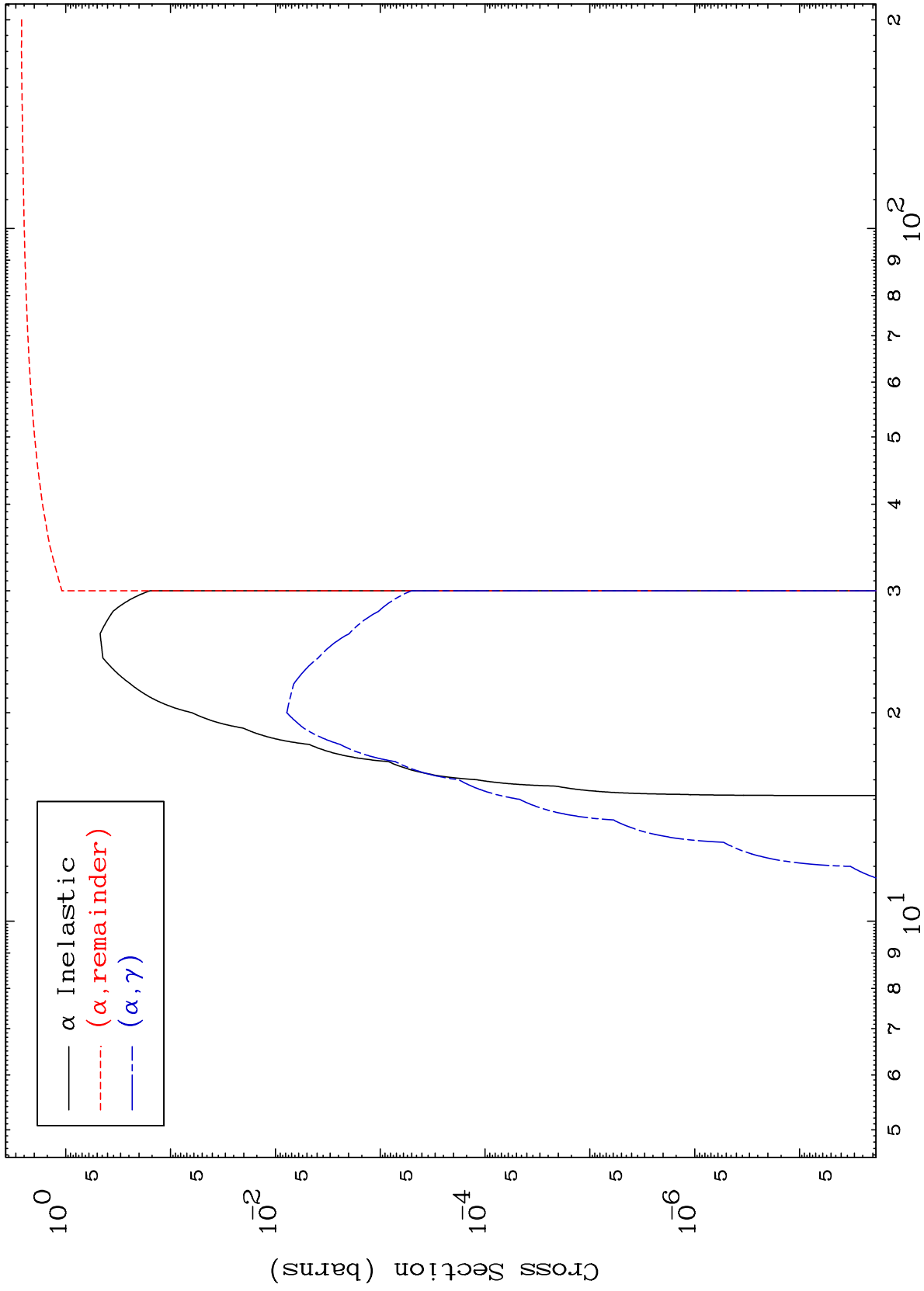
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7807

0 Kelvin  $\alpha$  Major  
Cross Sections

78-Pt-184



1

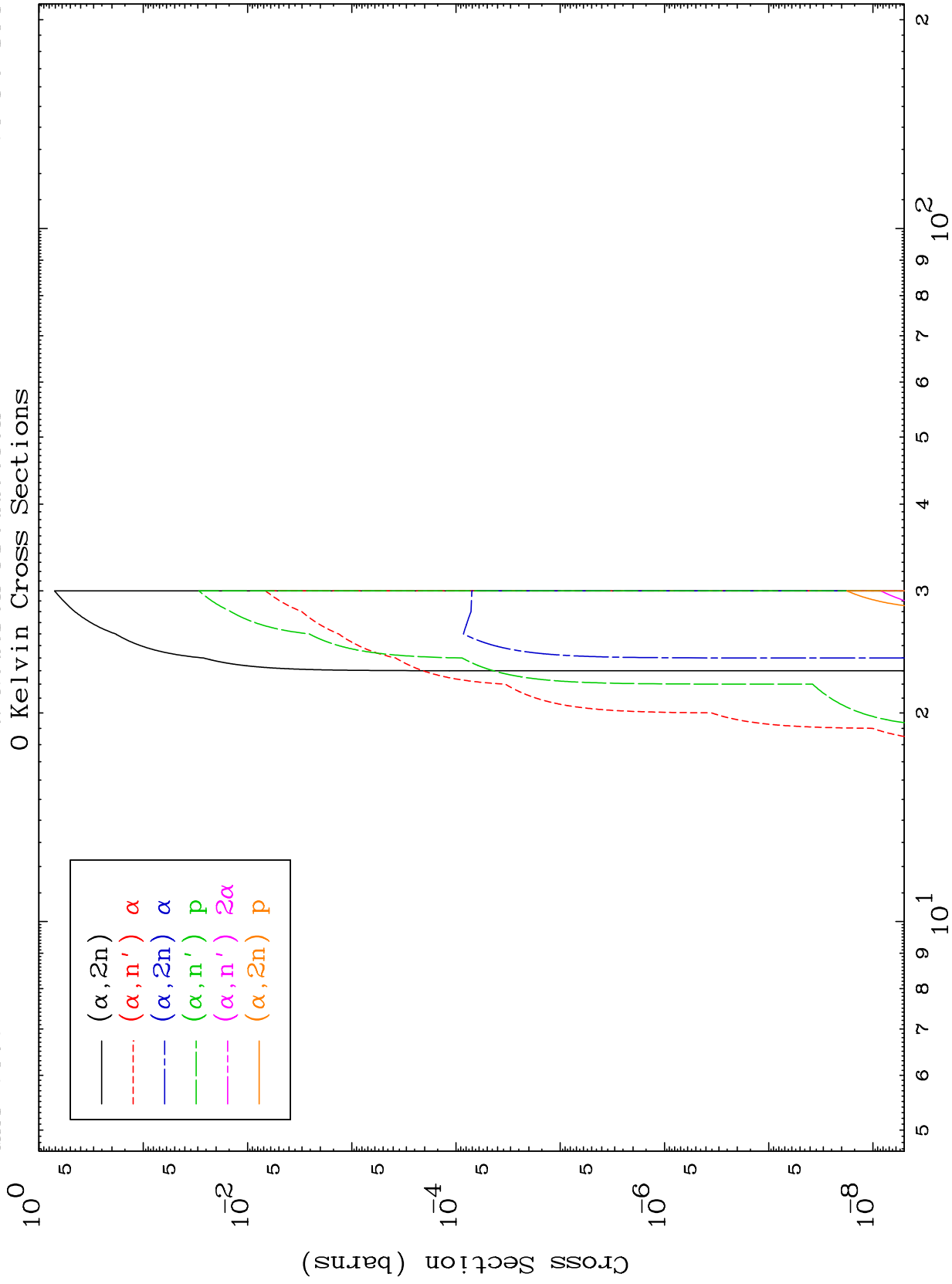
Incident Energy (MeV)

78-Pt-184

MAT 7807

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

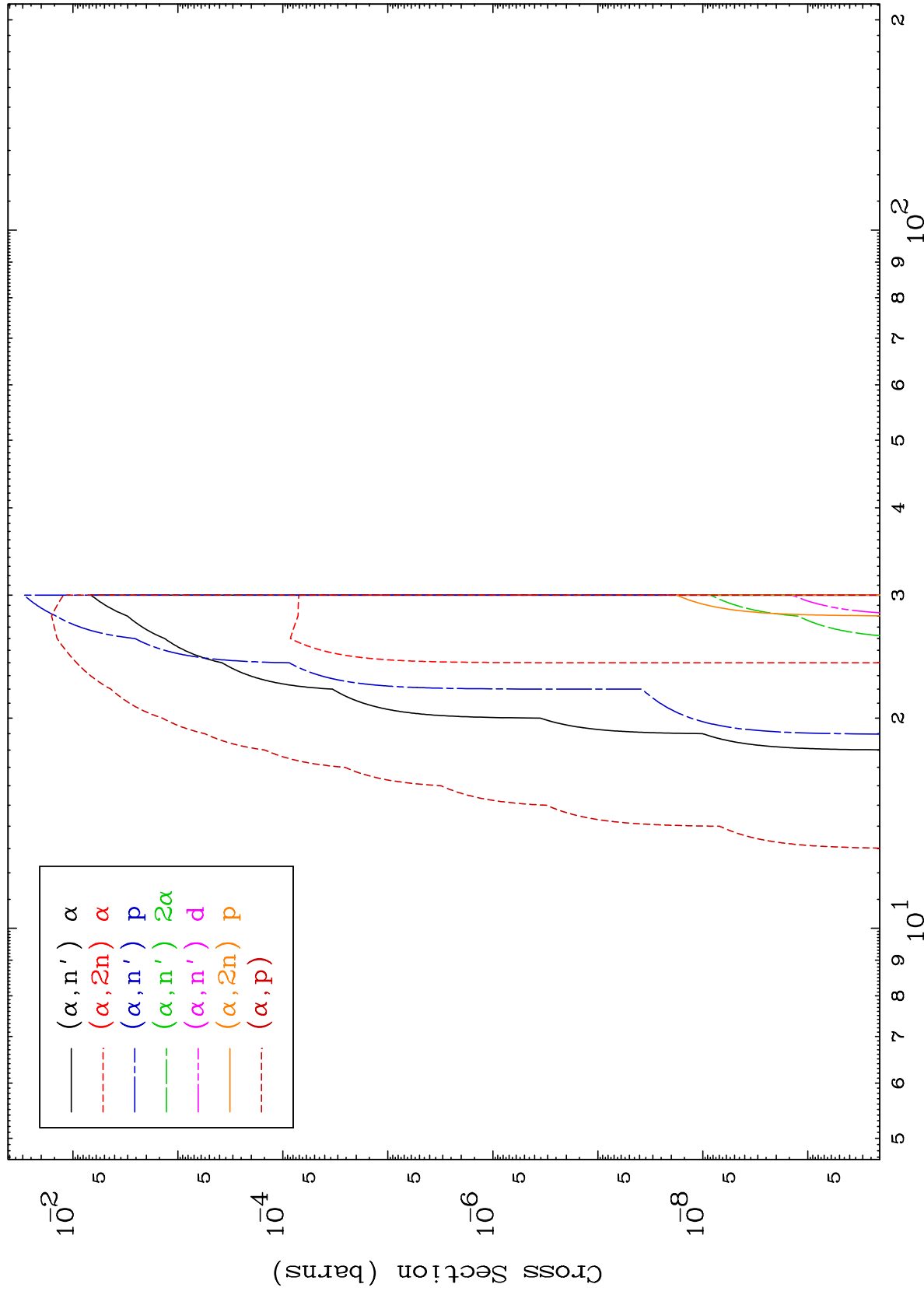
78-Pt-184



2

Incident Energy (MeV)

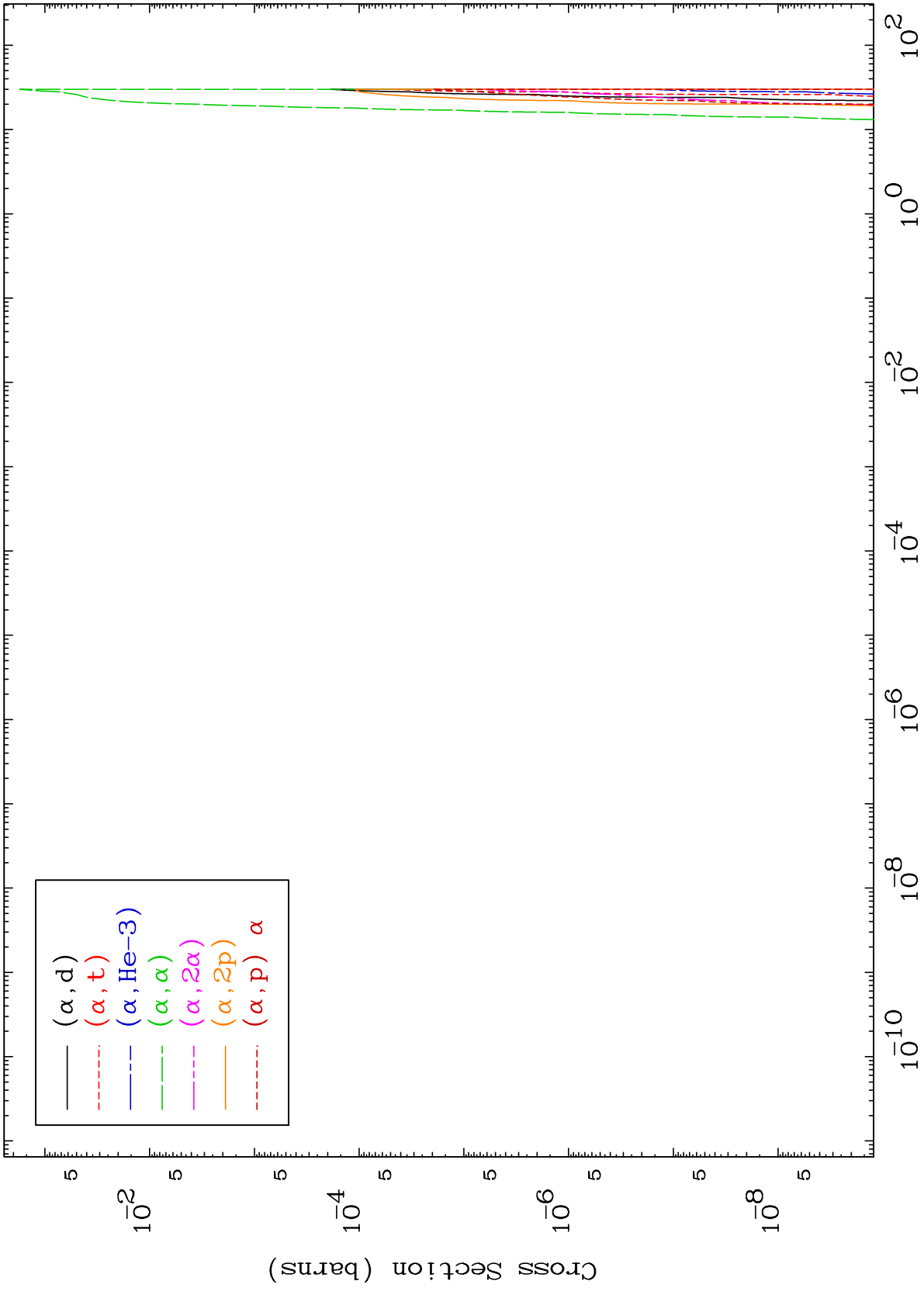
78-Pt-184



MAT 7807

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

78-Pt-184

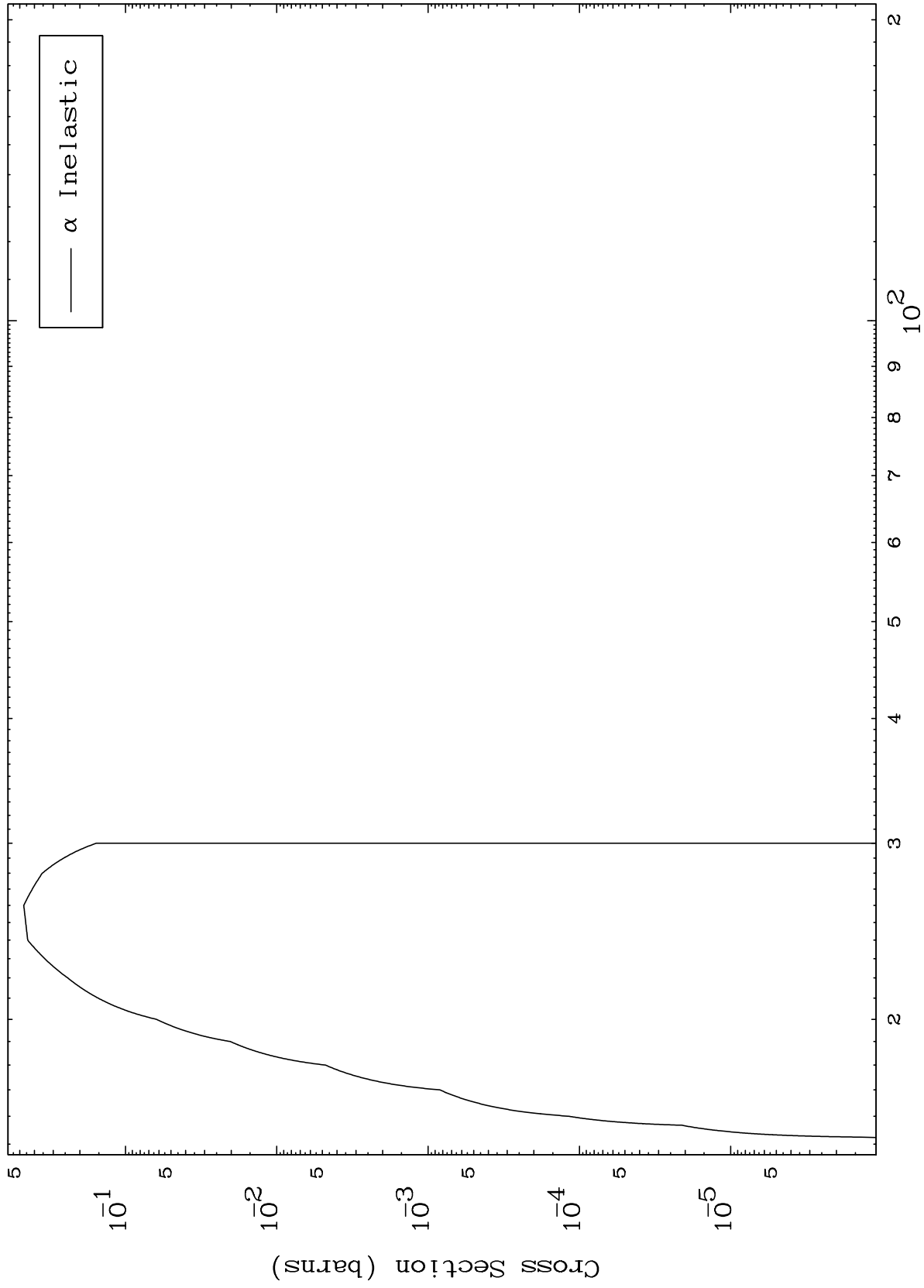


78-Pt-184

MAT 7807

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

78-Pt-184



5

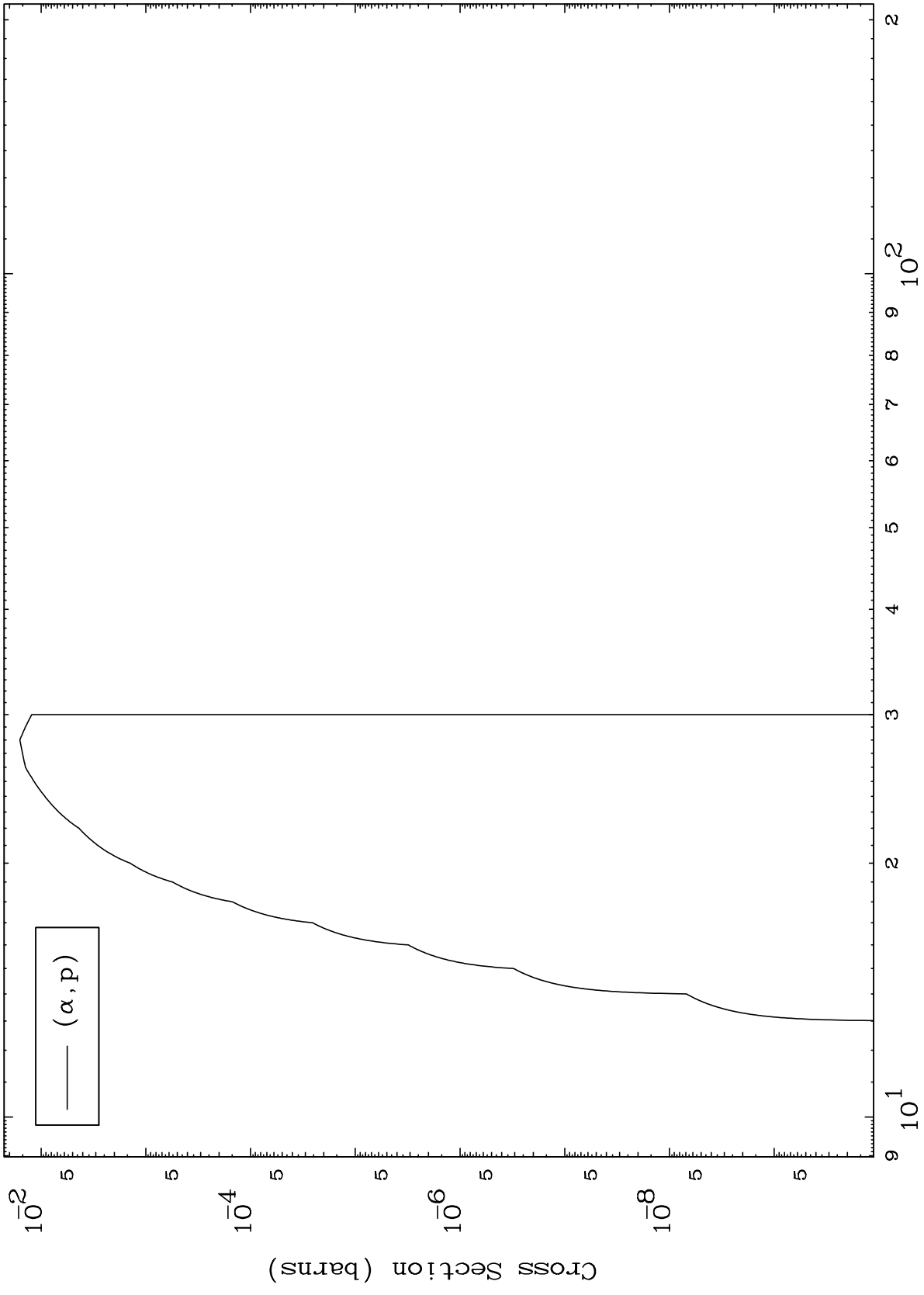
Incident Energy (MeV)

78-Pt-184

MAT 7807

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

78-Pt-184



9 10<sup>1</sup>

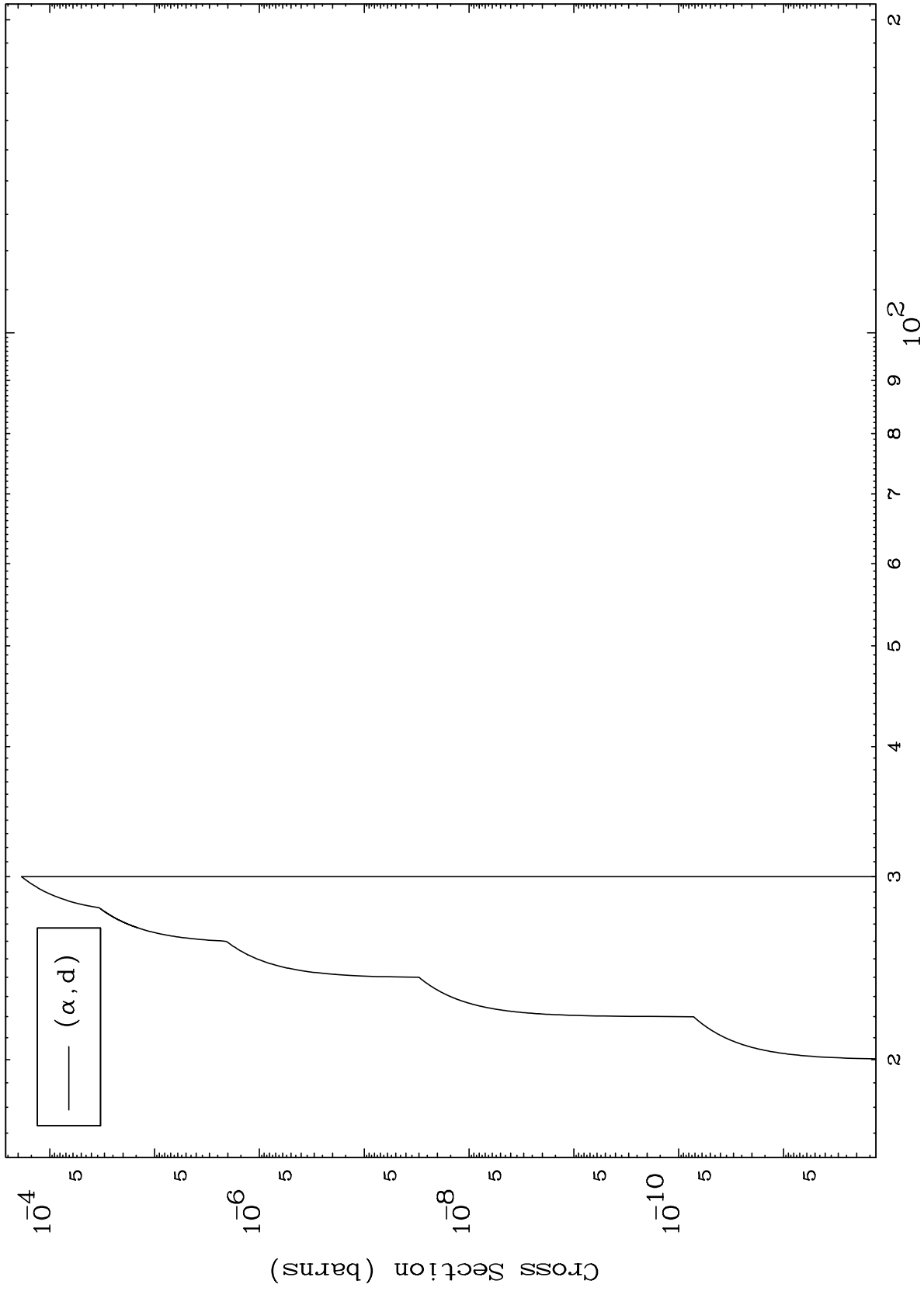
Incident Energy (MeV)

78-Pt-184

MAT 7807

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

78-Pt-184



7

Incident Energy (MeV)

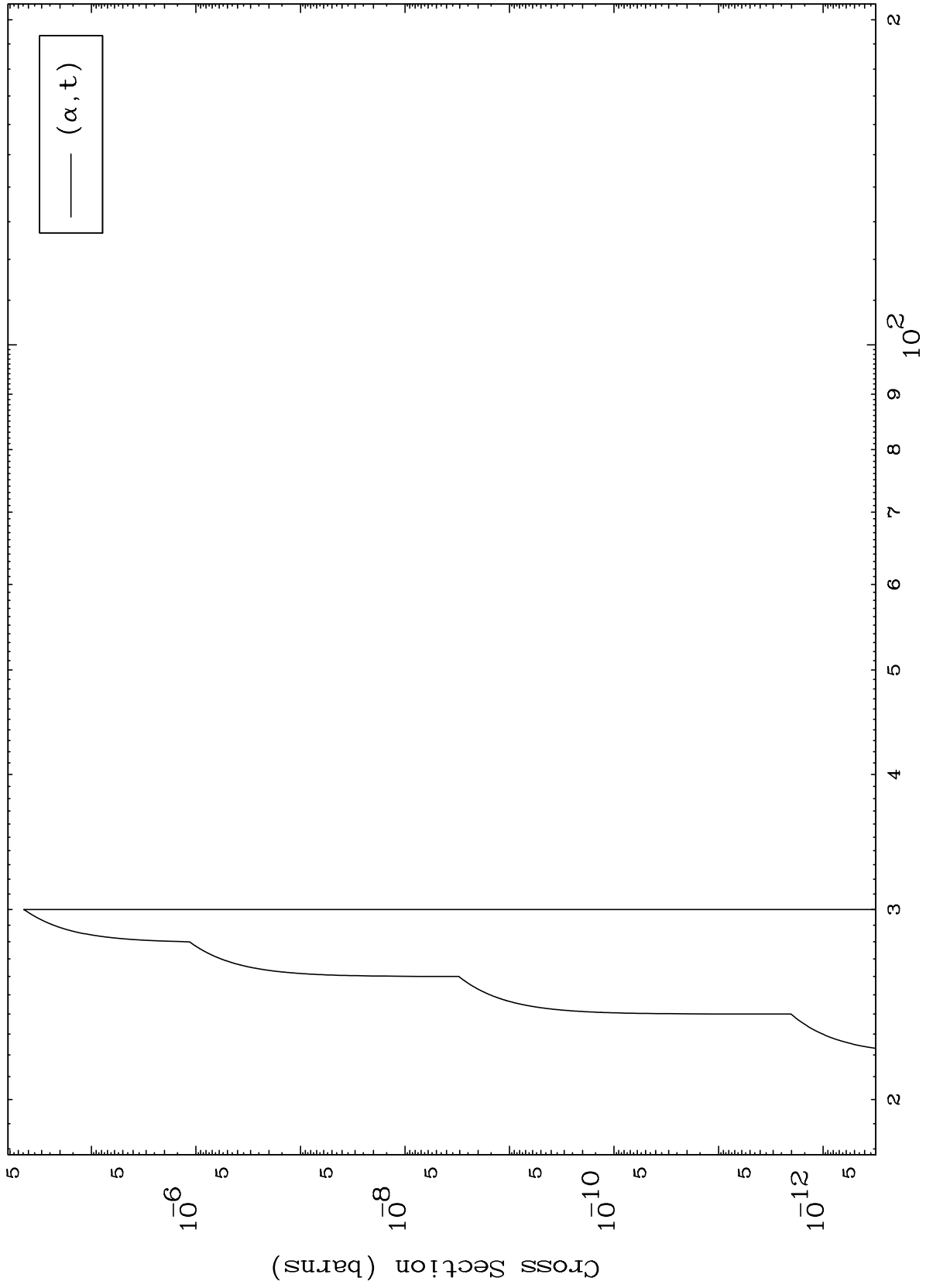
78-Pt-184



MAT 7807

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

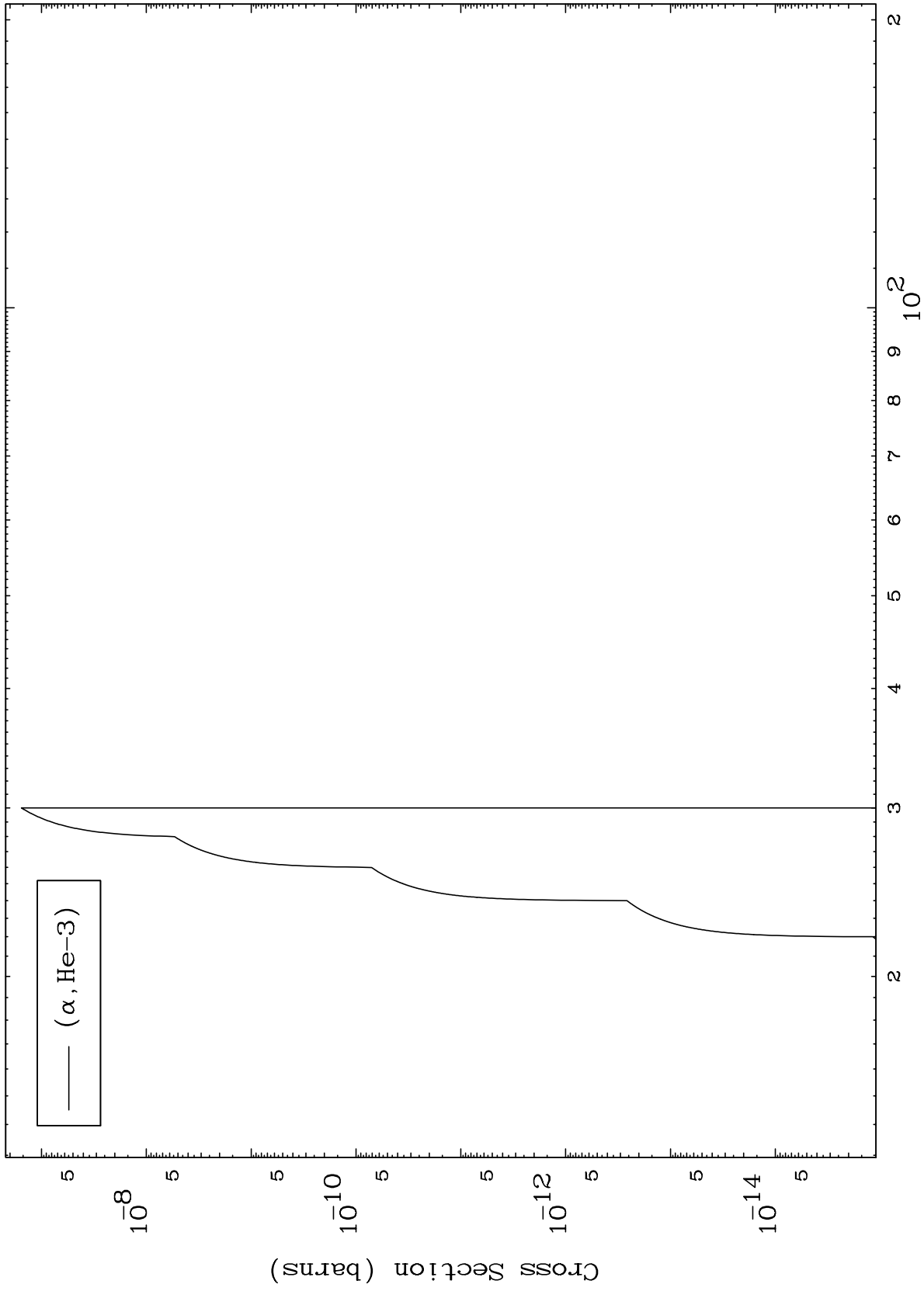
78-Pt-184



8

Incident Energy (MeV)

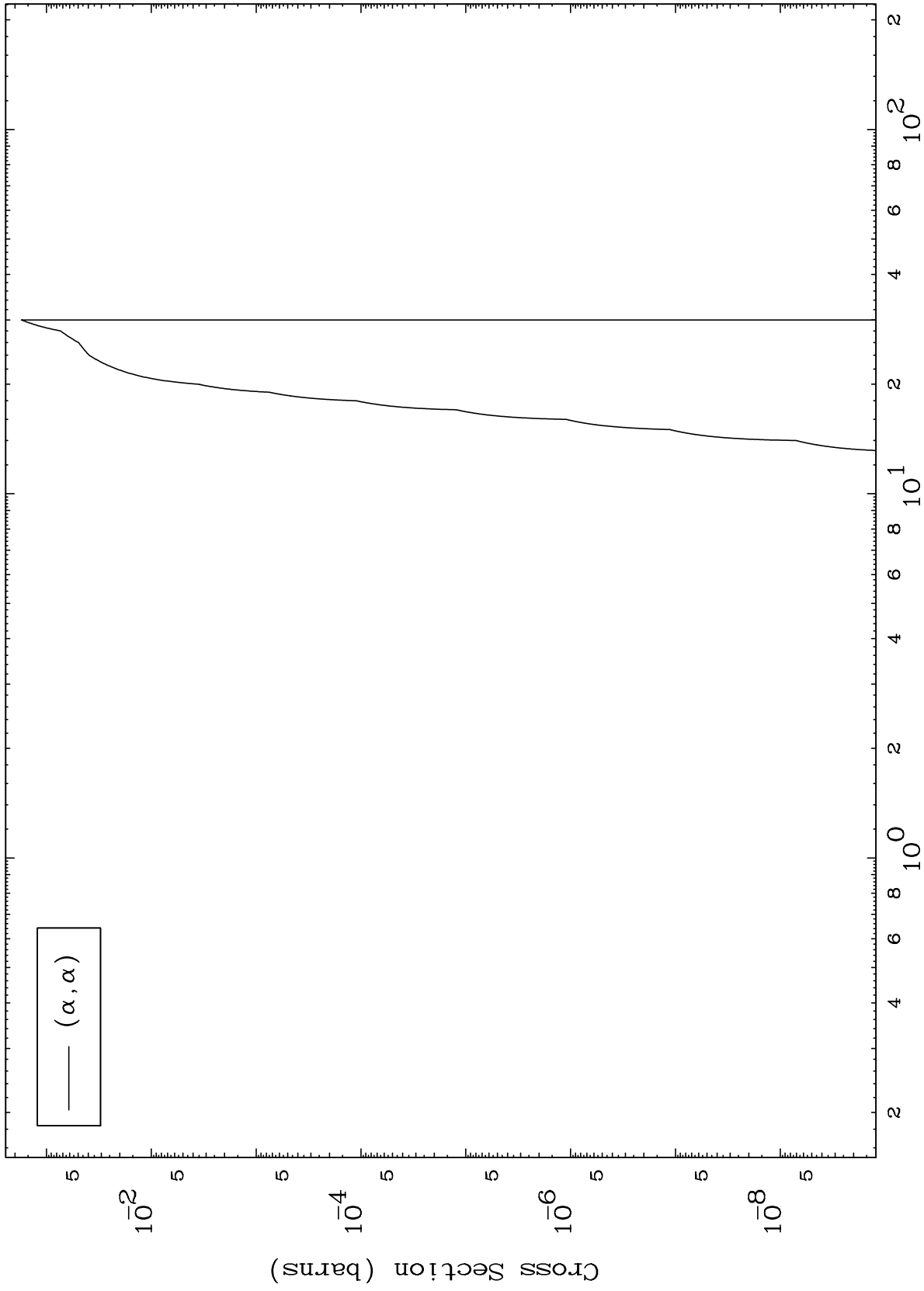
78-Pt-184



MAT 7807

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

78-Pt-184

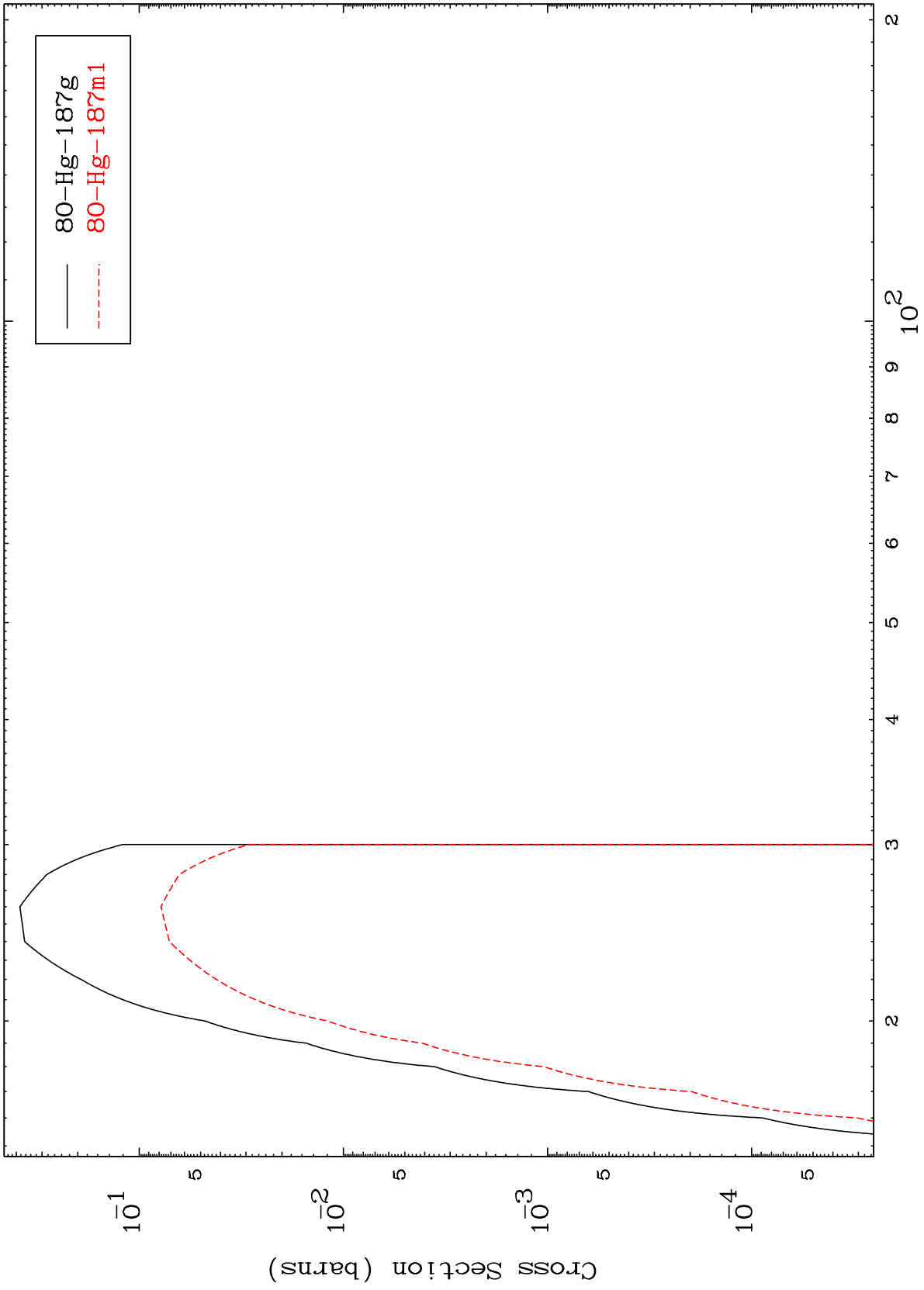


10

Incident Energy (MeV)

78-Pt-184

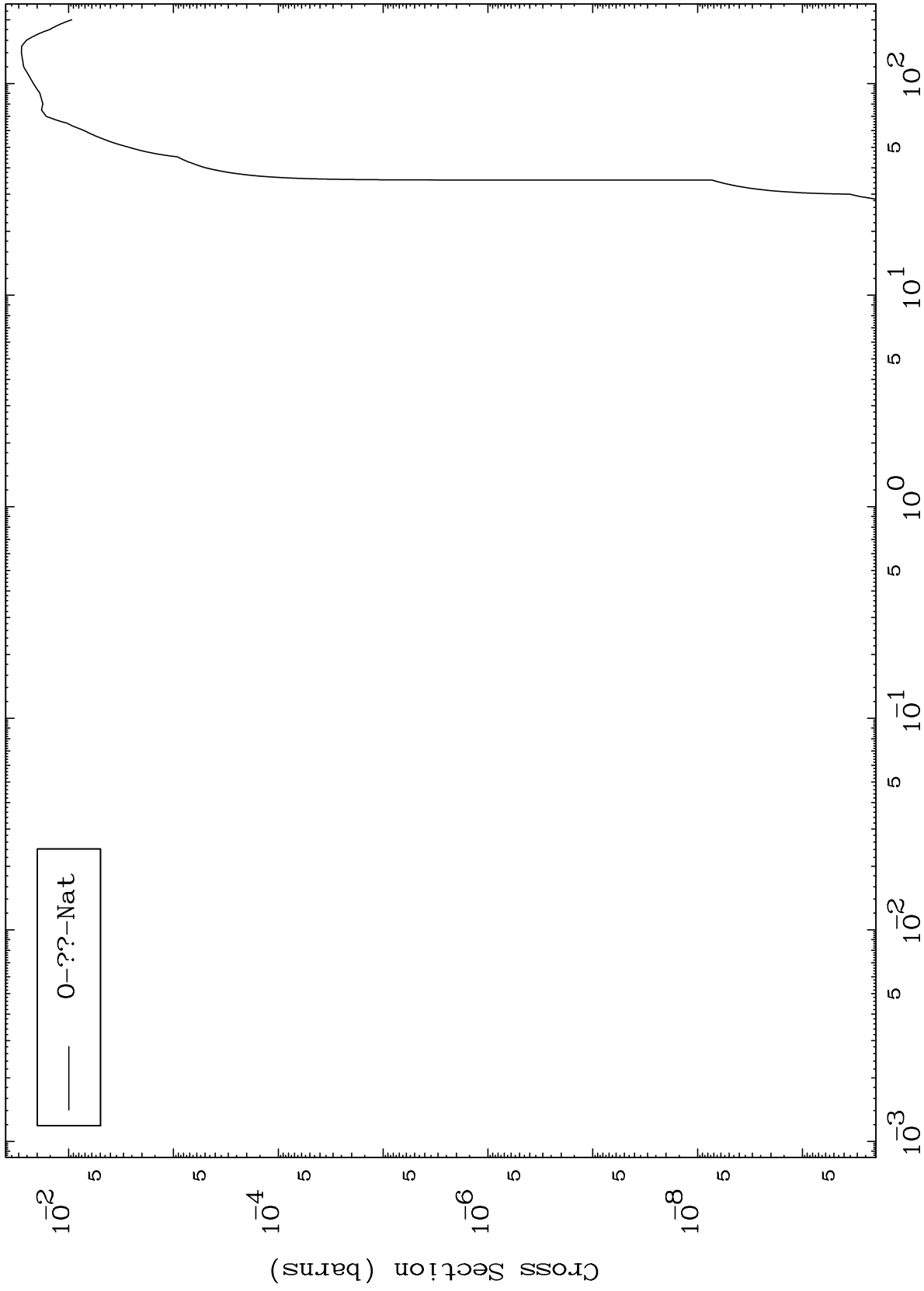
$\alpha$  Inelastic  
Radionuclide Production Cross Section



MAT 7807

$\alpha$  Fission  
Radionuclide Production Cross Section

78-Pt-184



12

Incident Energy (MeV)

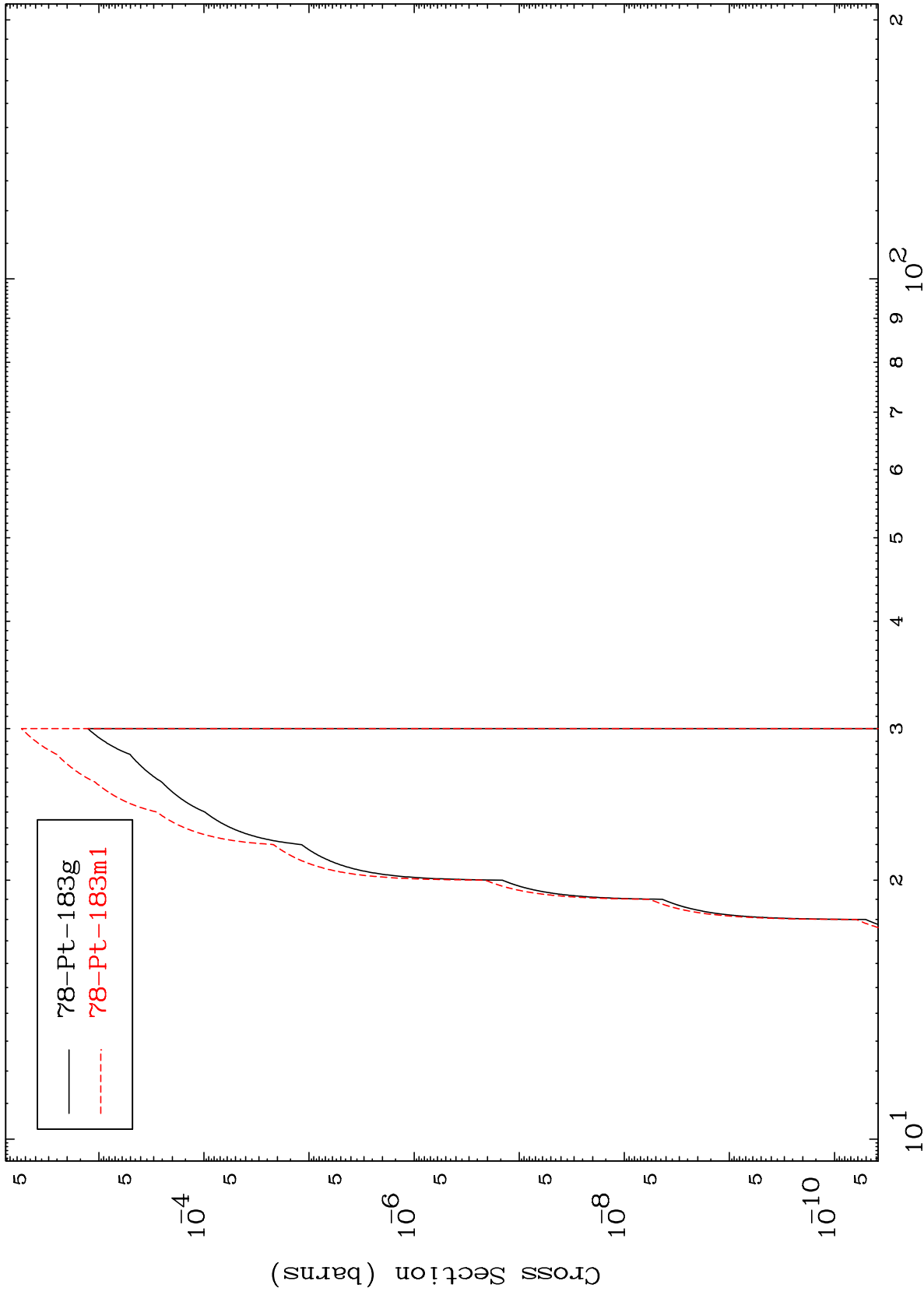
78-Pt-184

MAT 7807

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

<sup>78</sup>Pt-184

Radionuclide Production Cross Section



13

Incident Energy (MeV)

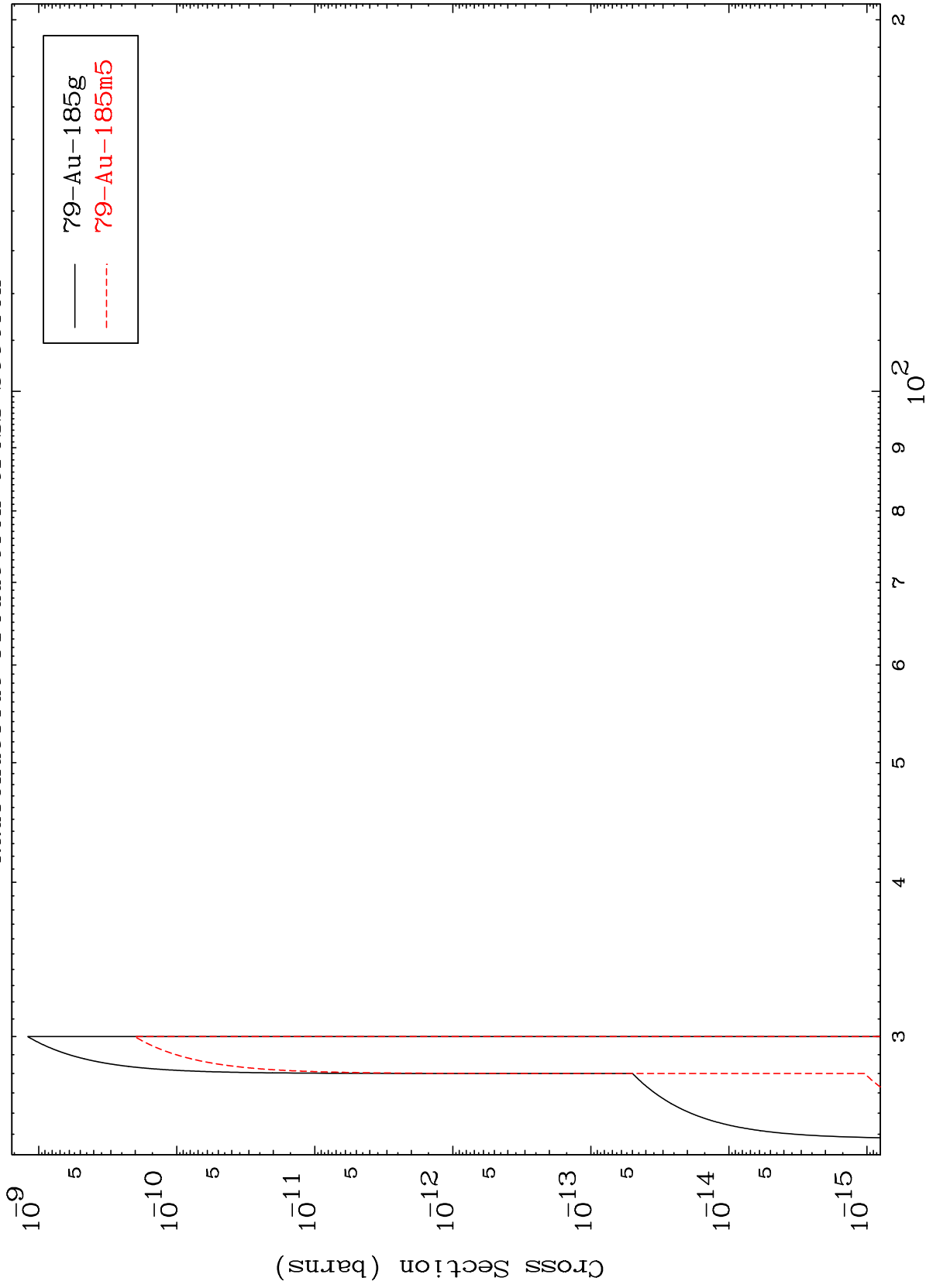
<sup>78</sup>Pt-184

MAT 7807

( $\alpha, n'$ ) d

78-Pt-184

Radionuclide Production Cross Section



14

Incident Energy (MeV)

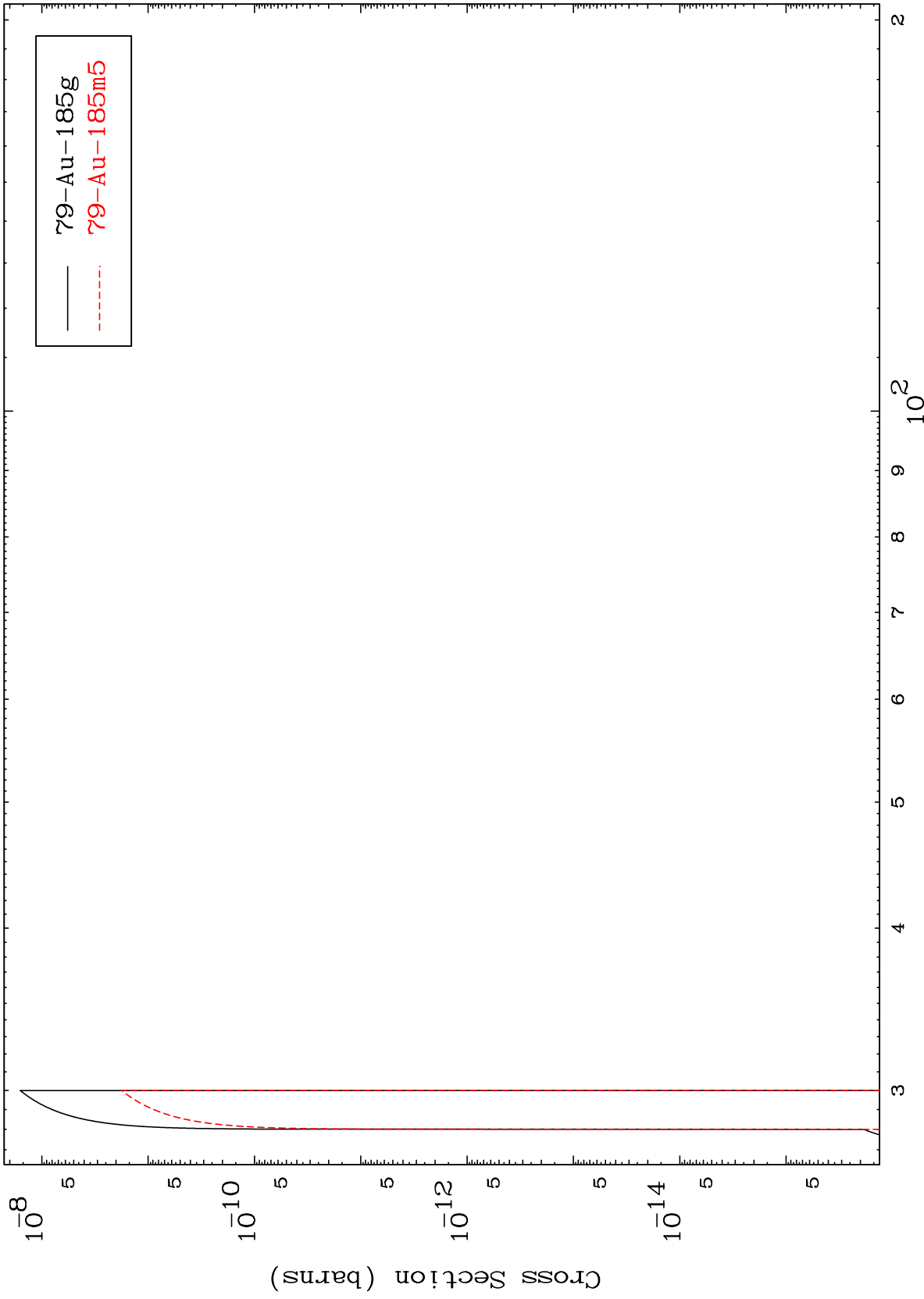
78-Pt-184

MAT 7807

$(\alpha, 2n)$  p

78-Pt-184

Radionuclide Production Cross Section



15

Incident Energy (MeV)

78-Pt-184

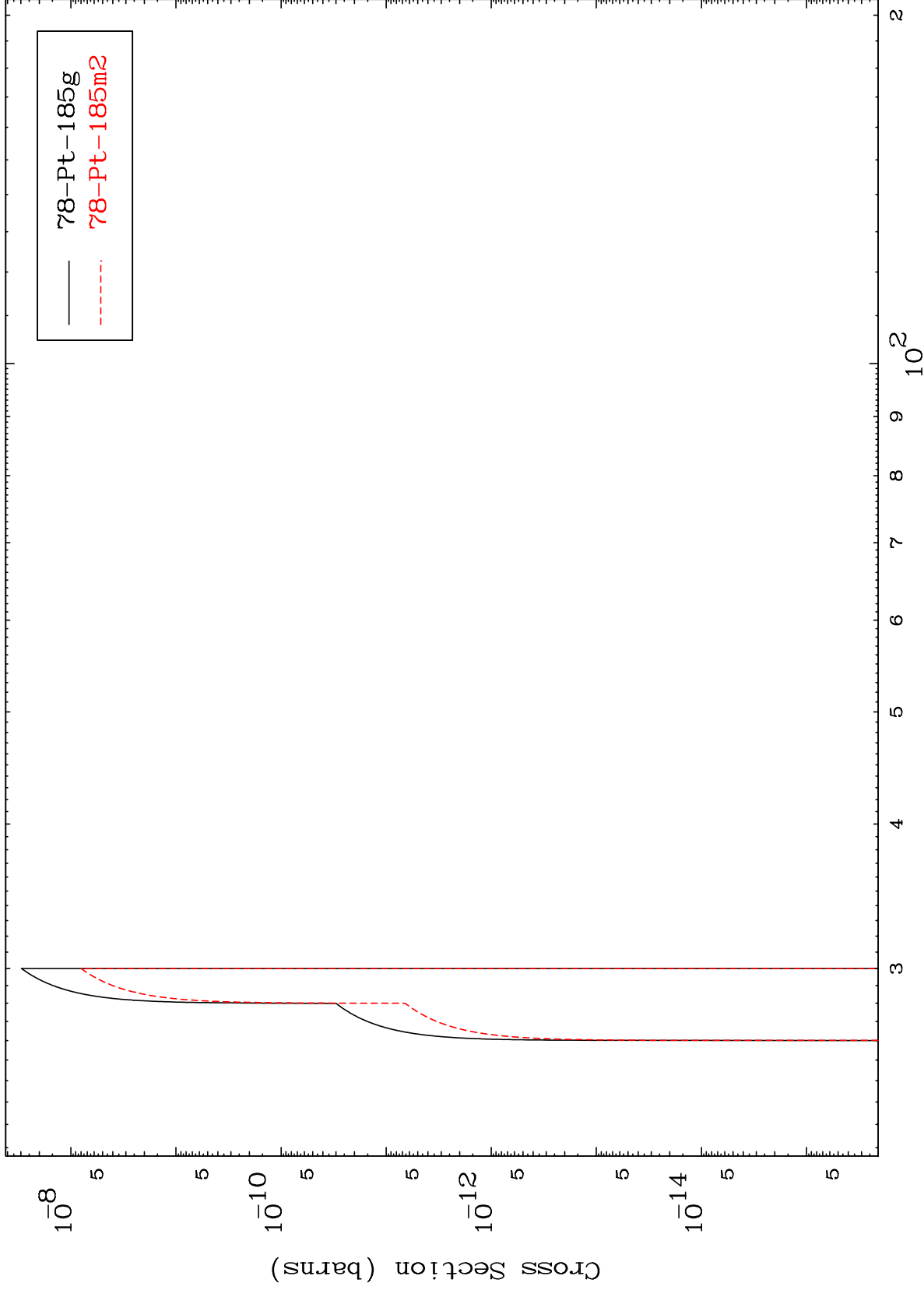


MAT 7807

$(\alpha, 2n)$  p

<sup>78</sup>Pt-184

Radionuclide Production Cross Section



16

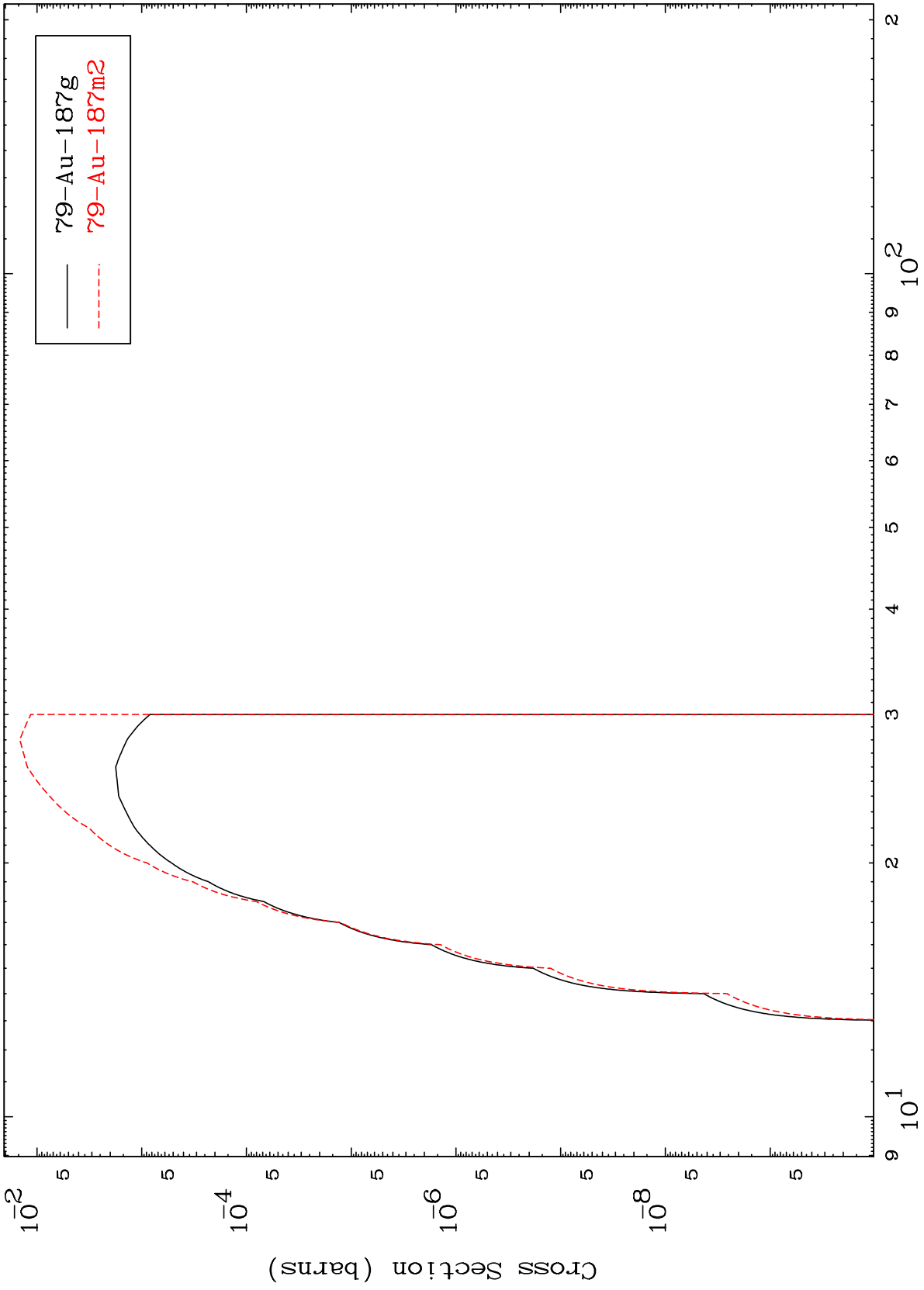
Incident Energy (MeV)

<sup>78</sup>Pt-184

MAT 7807

78-Pt-184

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



17

Incident Energy (MeV)

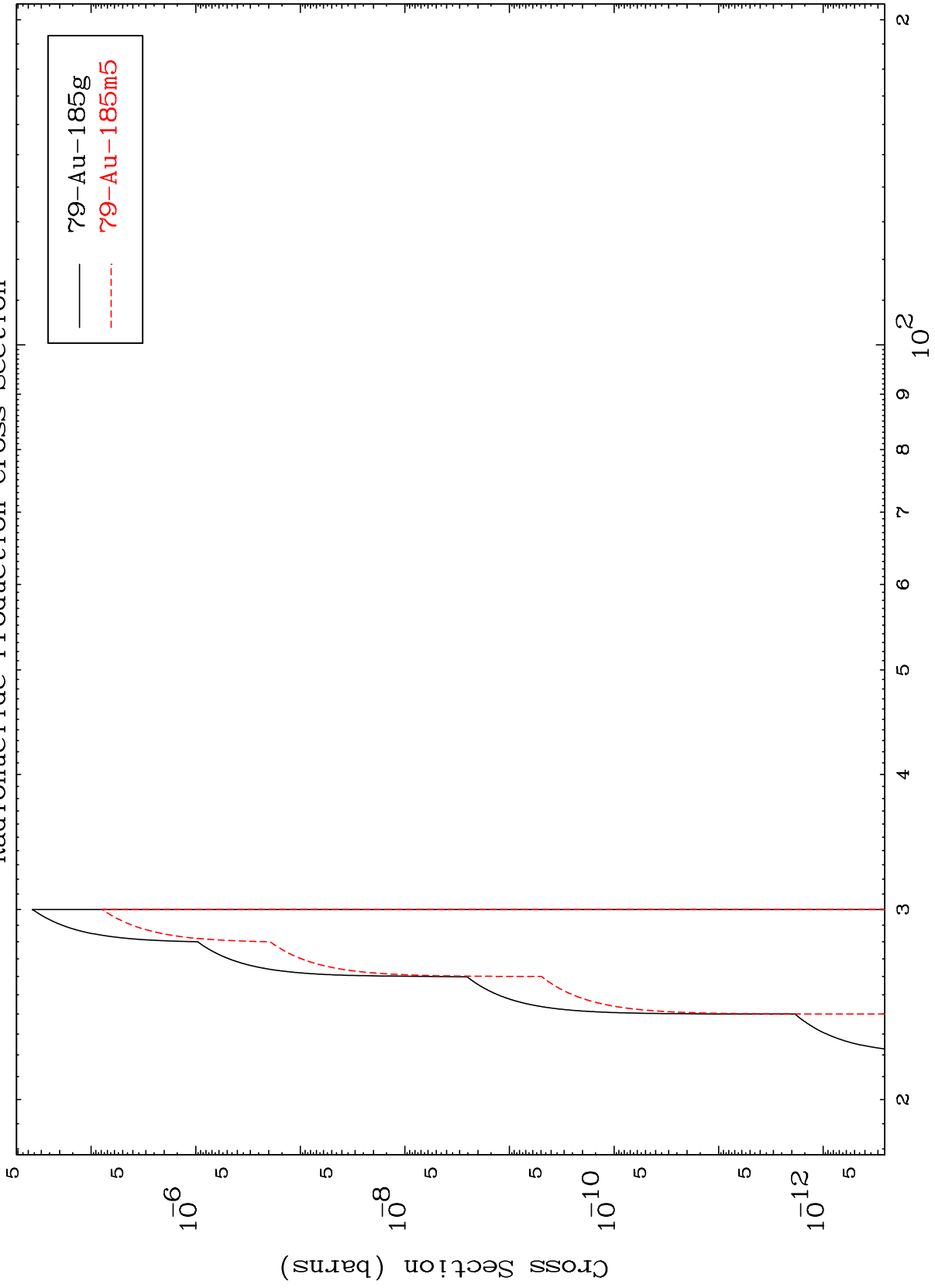
78-Pt-184

MAT 7807

( $\alpha, t$ )

78-Pt-184

Radionuclide Production Cross Section



18

Incident Energy (MeV)

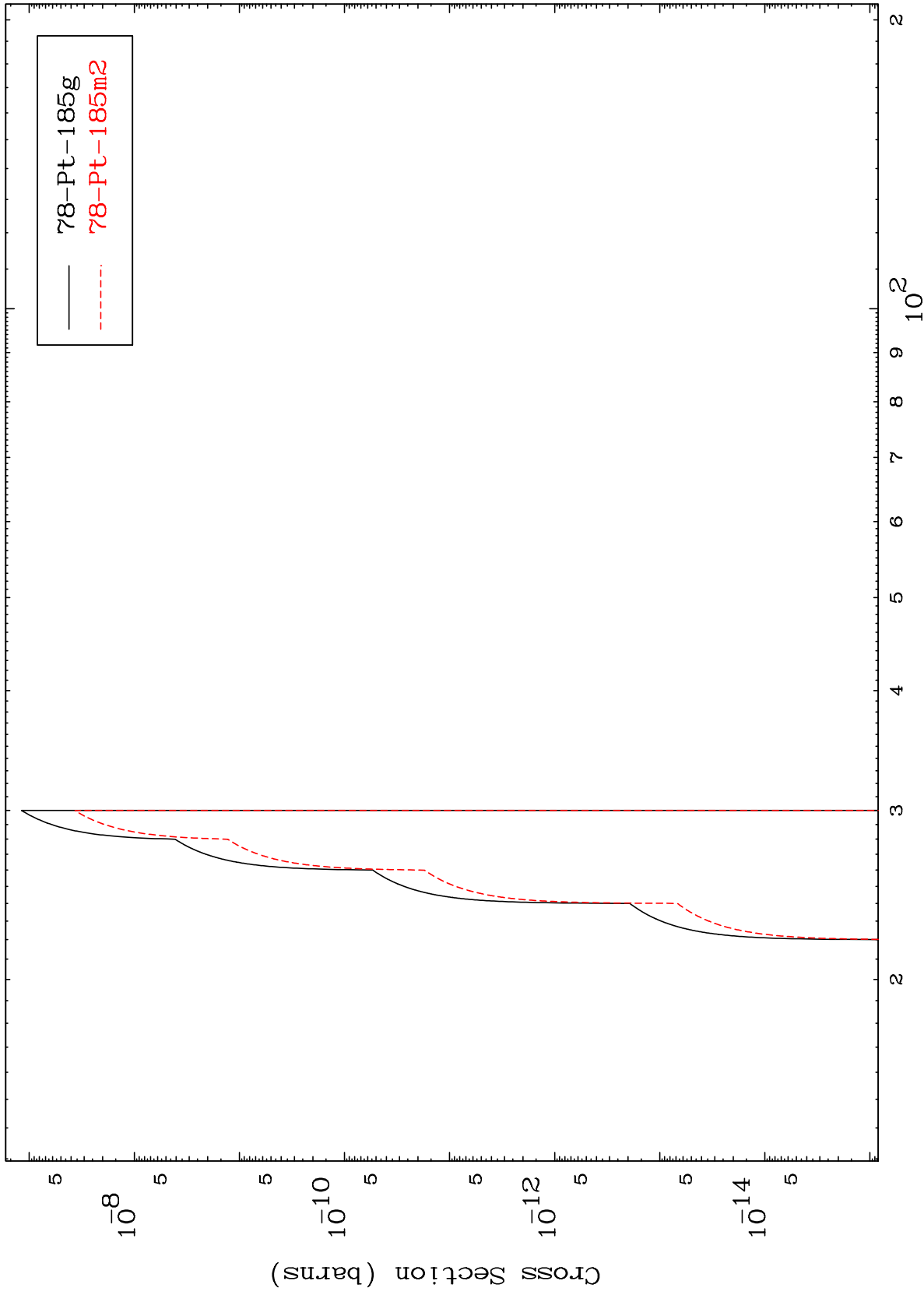
78-Pt-184

MAT 7807

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

78-Pt-184

Radionuclide Production Cross Section



19

Incident Energy (MeV)

78-Pt-184