

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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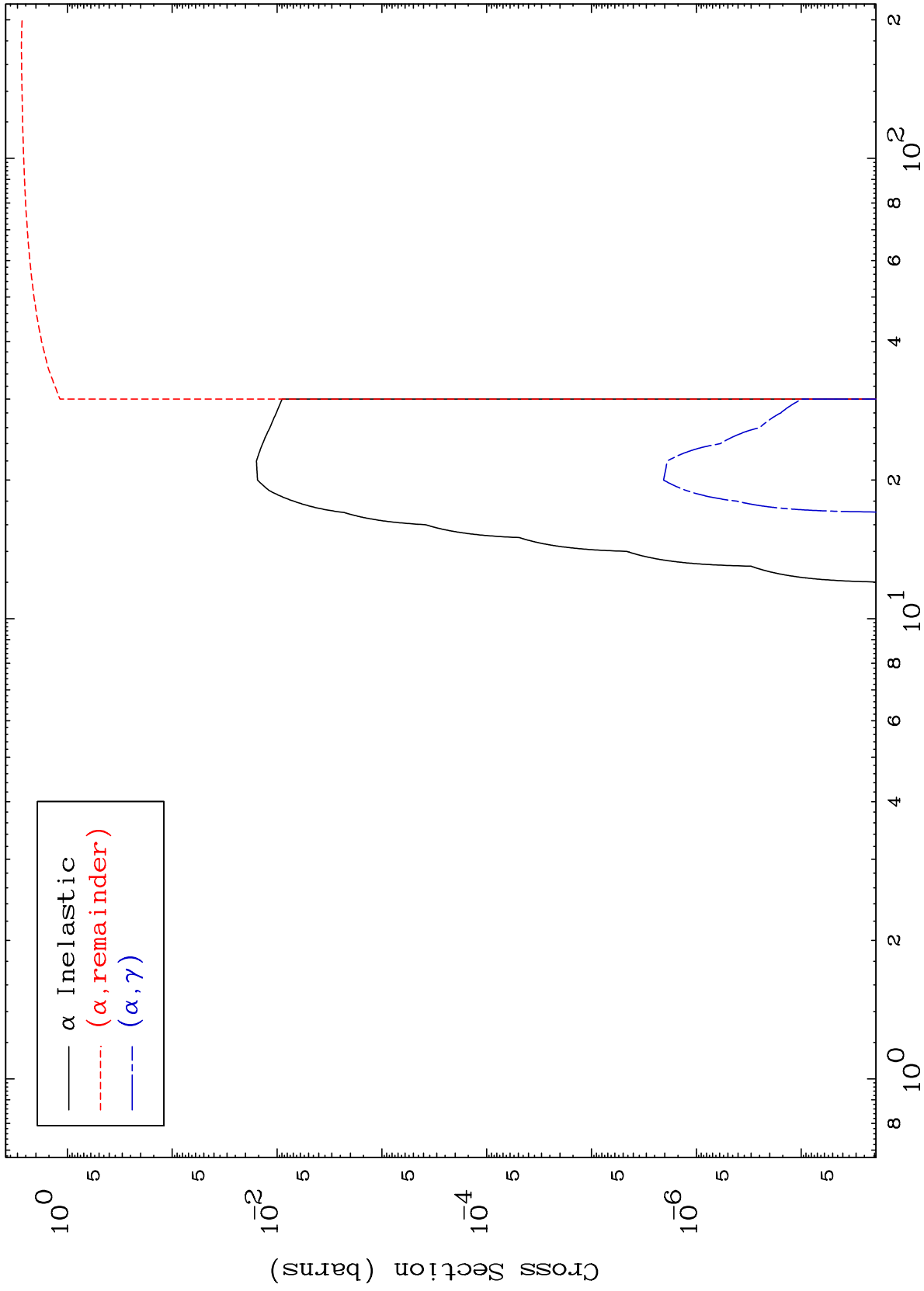
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7843

0 Kelvin  $\alpha$  Major

78-Pt-196



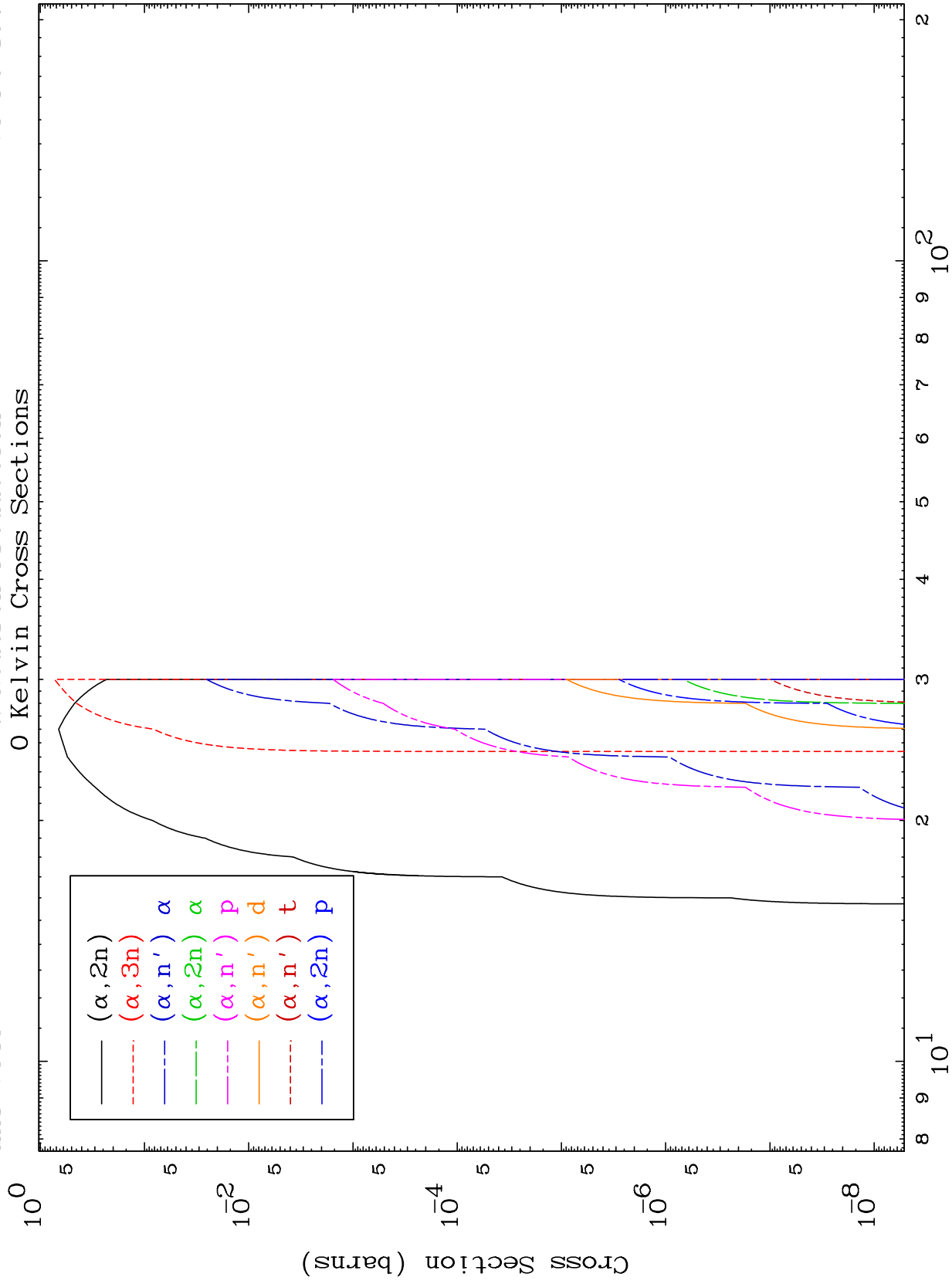
1

78-Pt-196

MAT 7843

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

78-Pt-196



2

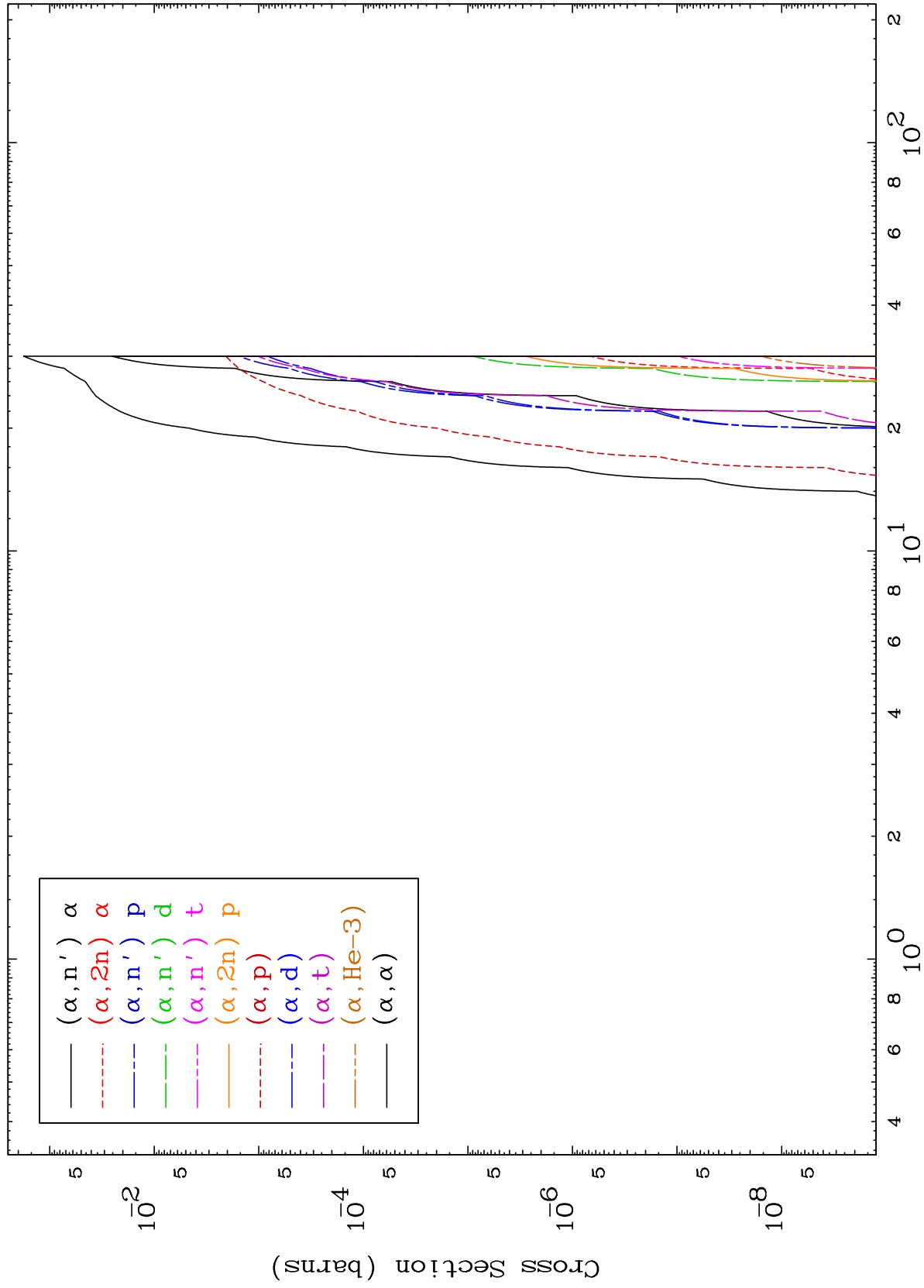
Incident Energy (MeV)

78-Pt-196

MAT 7843

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

78-Pt-196



3

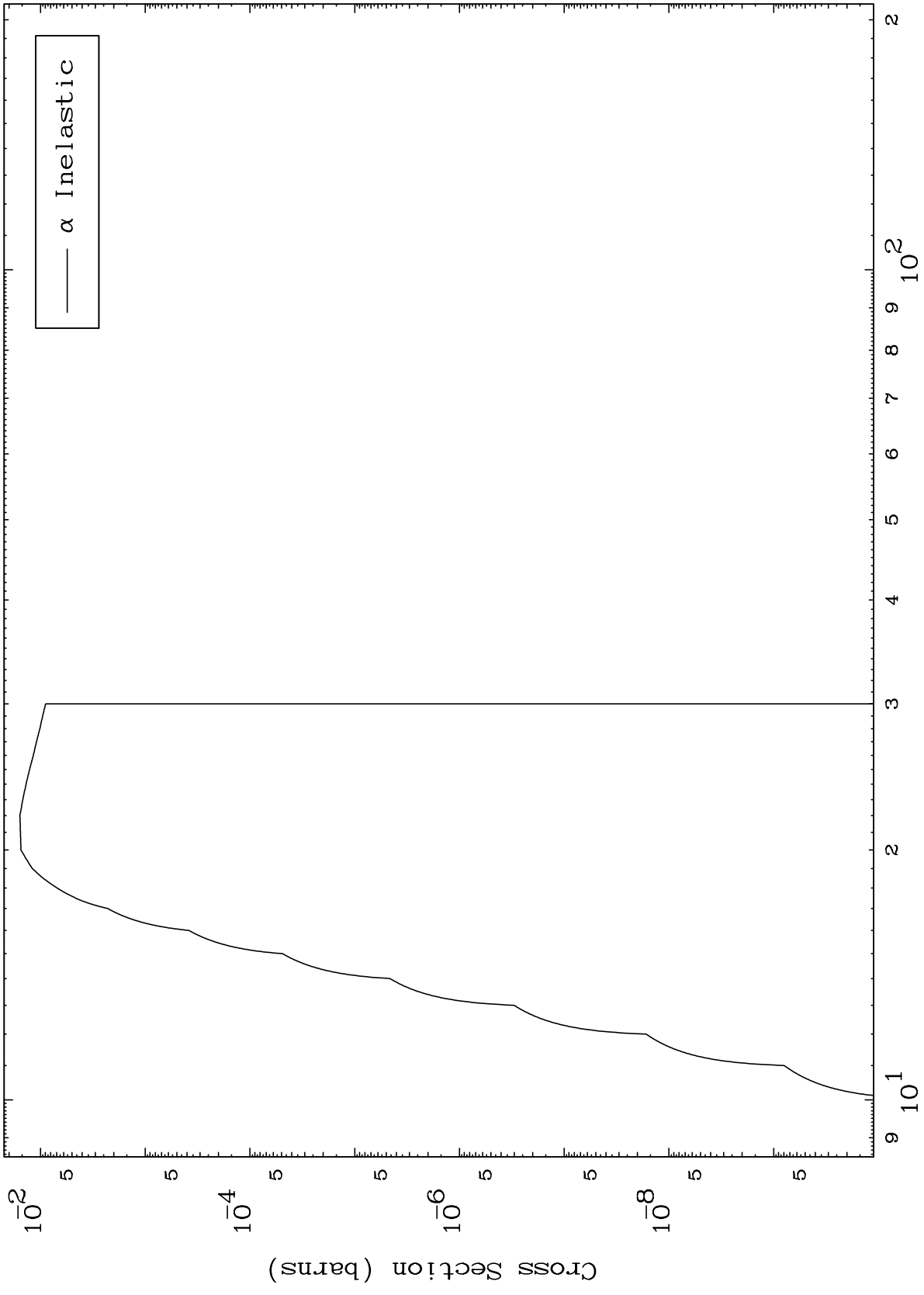
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



4

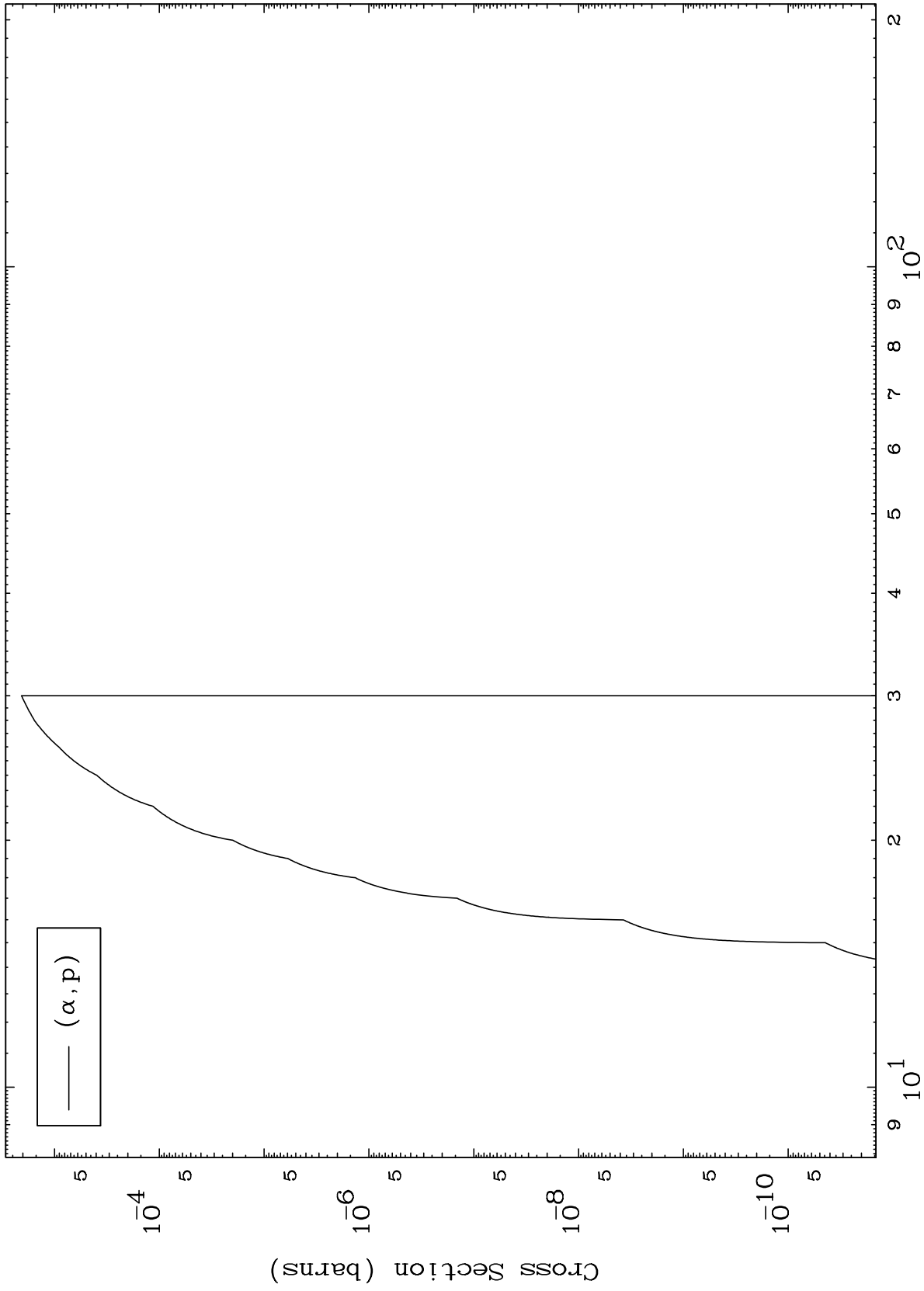
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

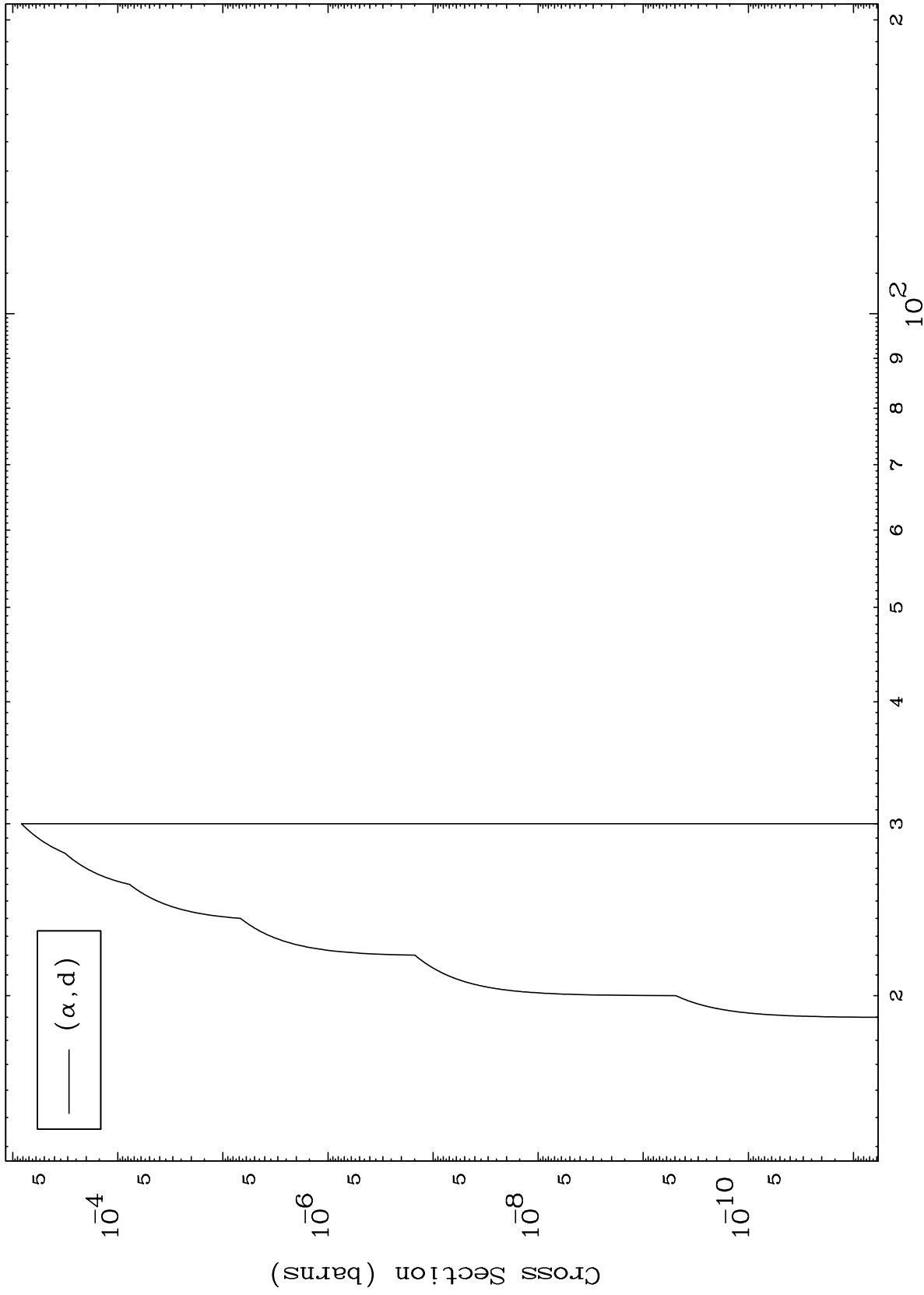
78-Pt-196



5

Incident Energy (MeV)

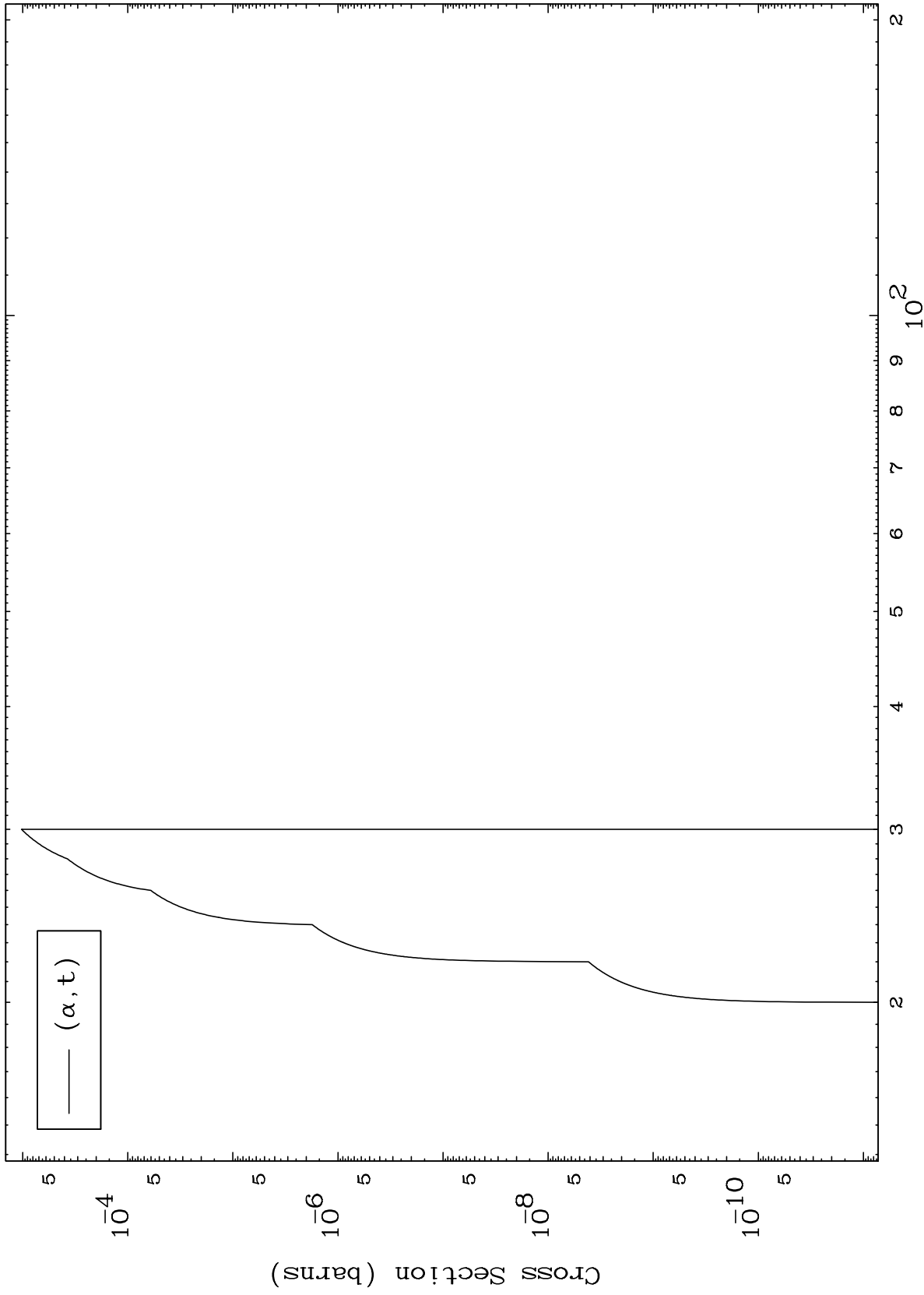
78-Pt-196



MAT 7843

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

78-Pt-196

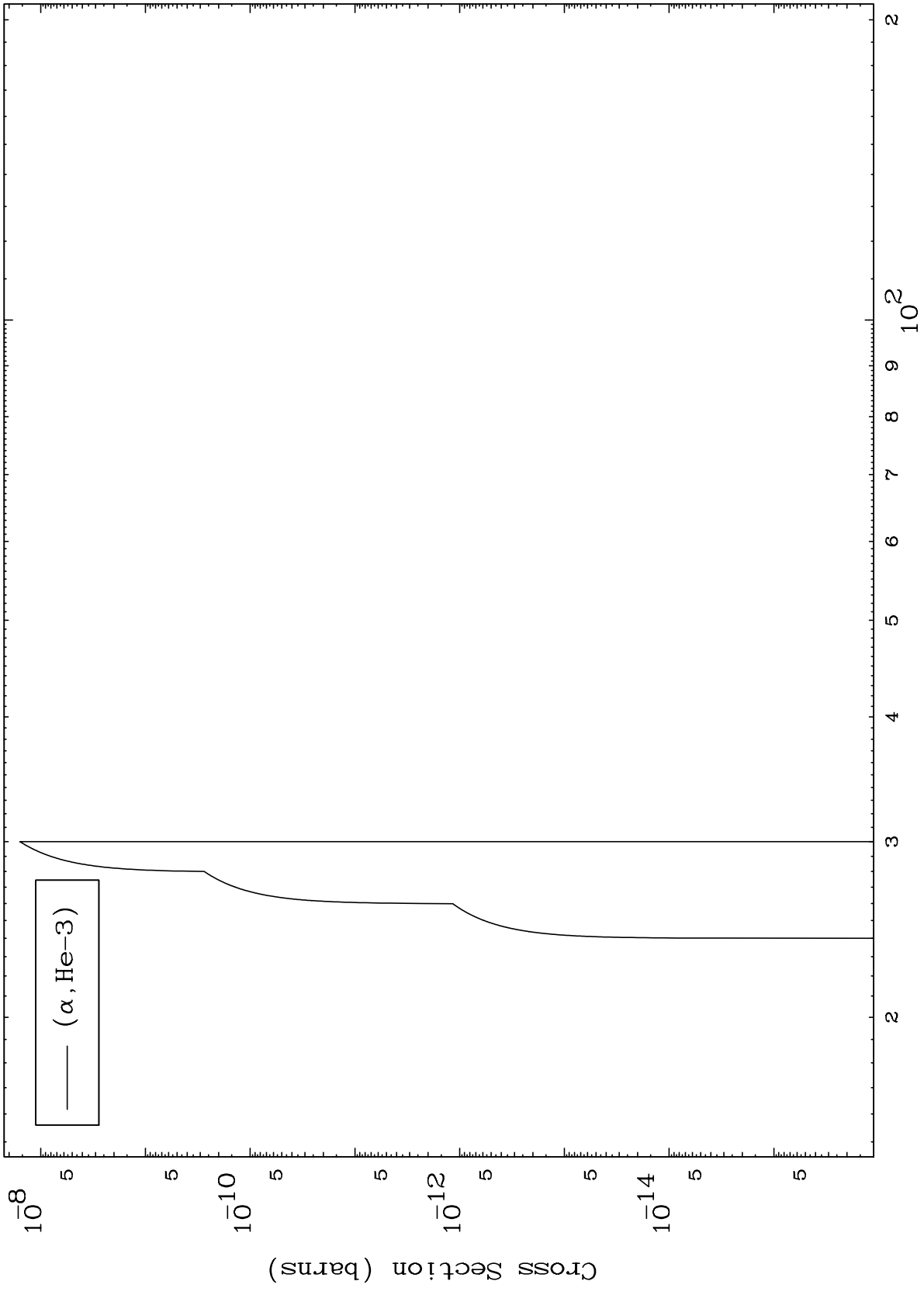


7

Incident Energy (MeV)

78-Pt-196

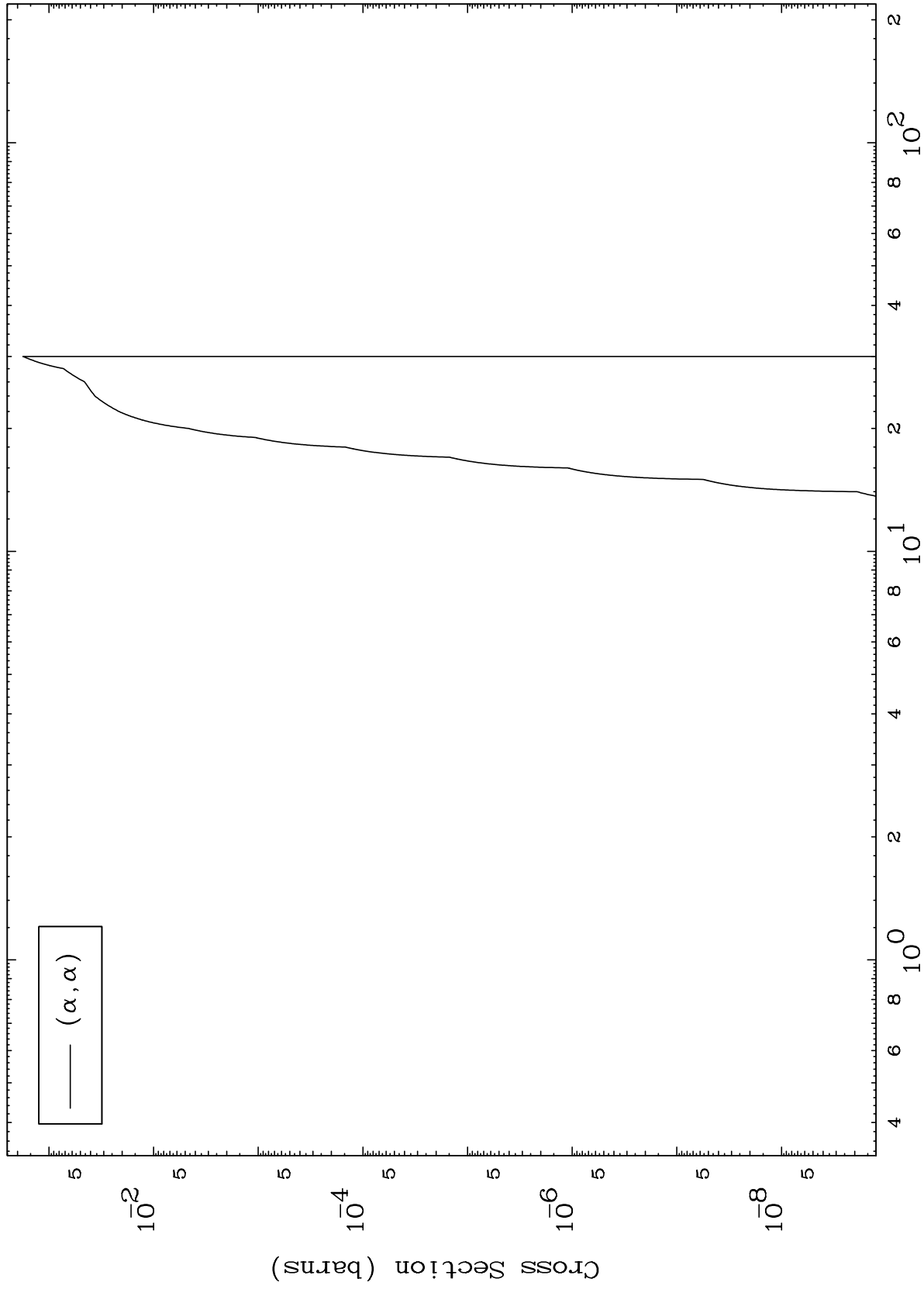




MAT 7843

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

78-Pt-196



9

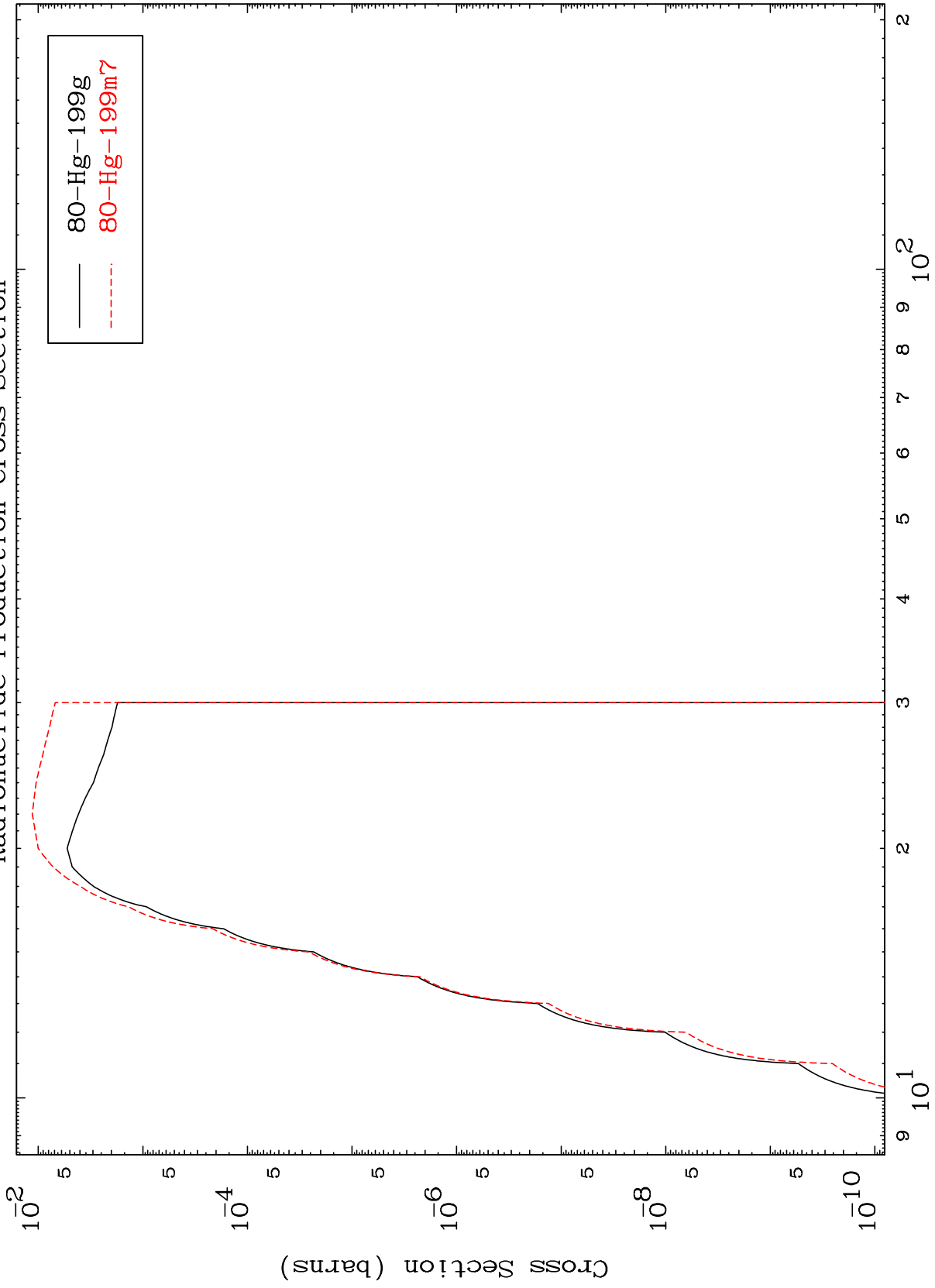
Incident Energy (MeV)

78-Pt-196

MAT 7843

$\alpha$  Inelastic  
Radionuclide Production Cross Section

78-Pt-196



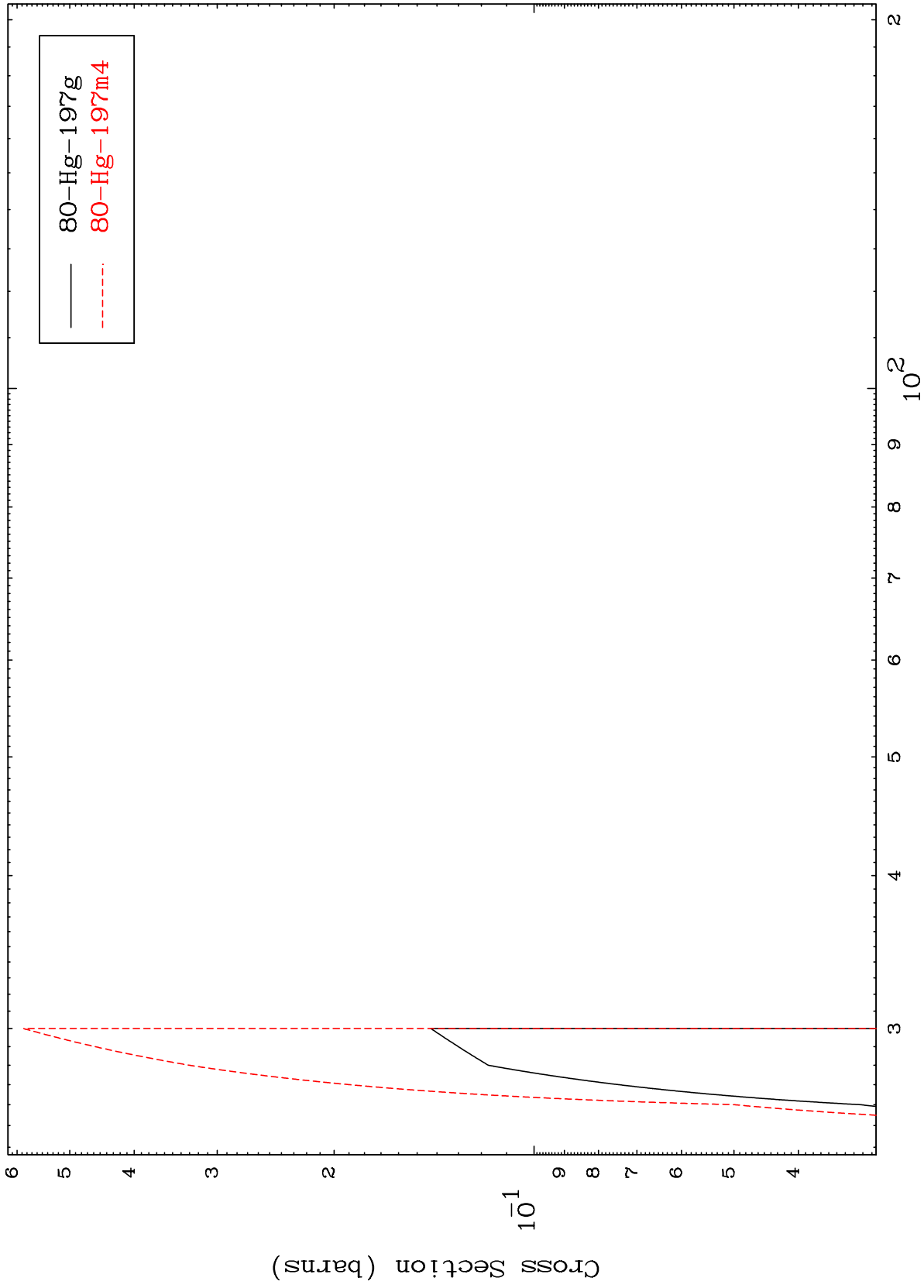
Incident Energy (MeV)

78-Pt-196

MAT 7843

78-Pt-196

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



11

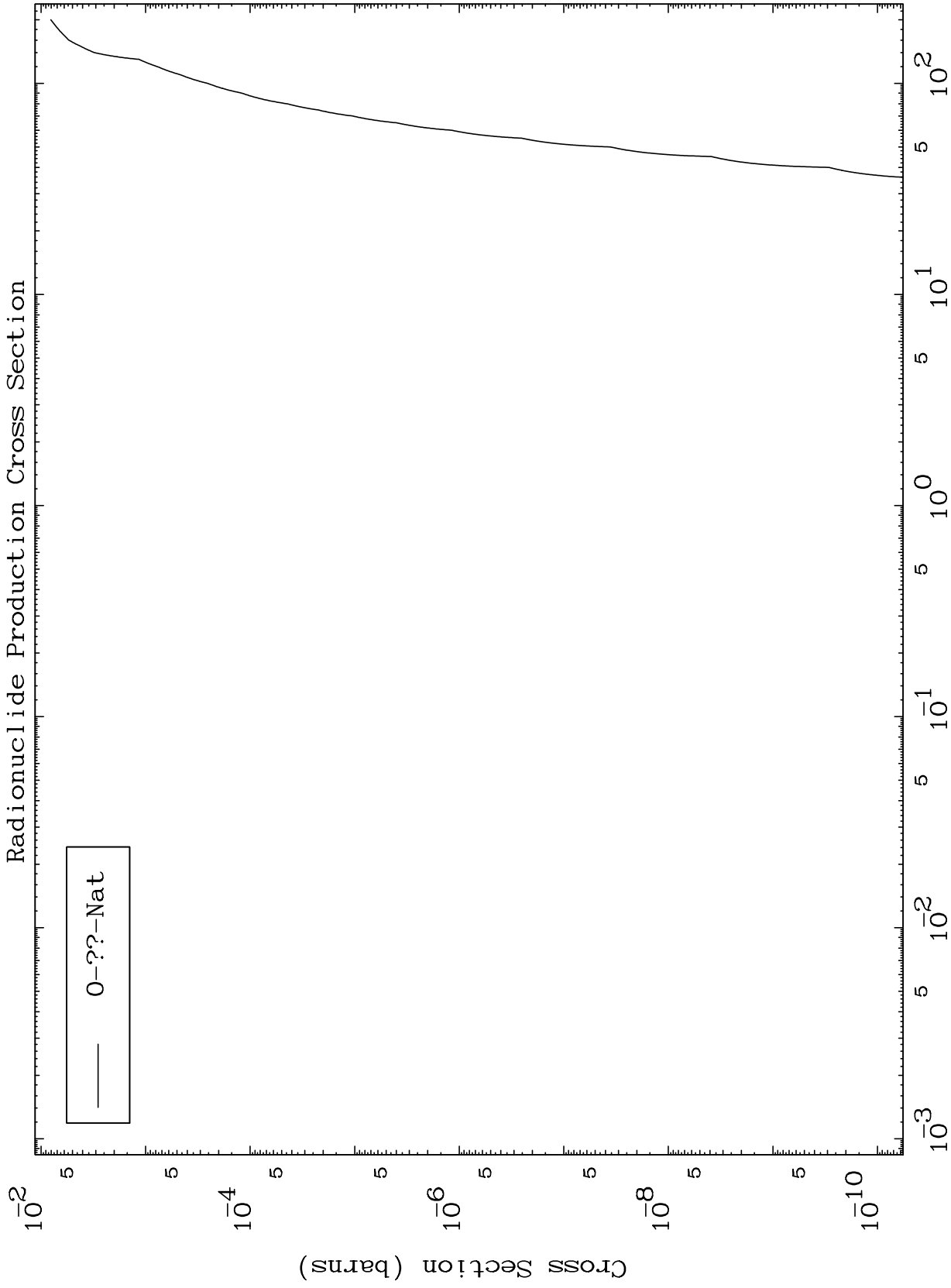
Incident Energy (MeV)

78-Pt-196

MAT 7843

$\alpha$  Fission  
Radionuclide Production Cross Section

78-Pt-196



12

Incident Energy (MeV)

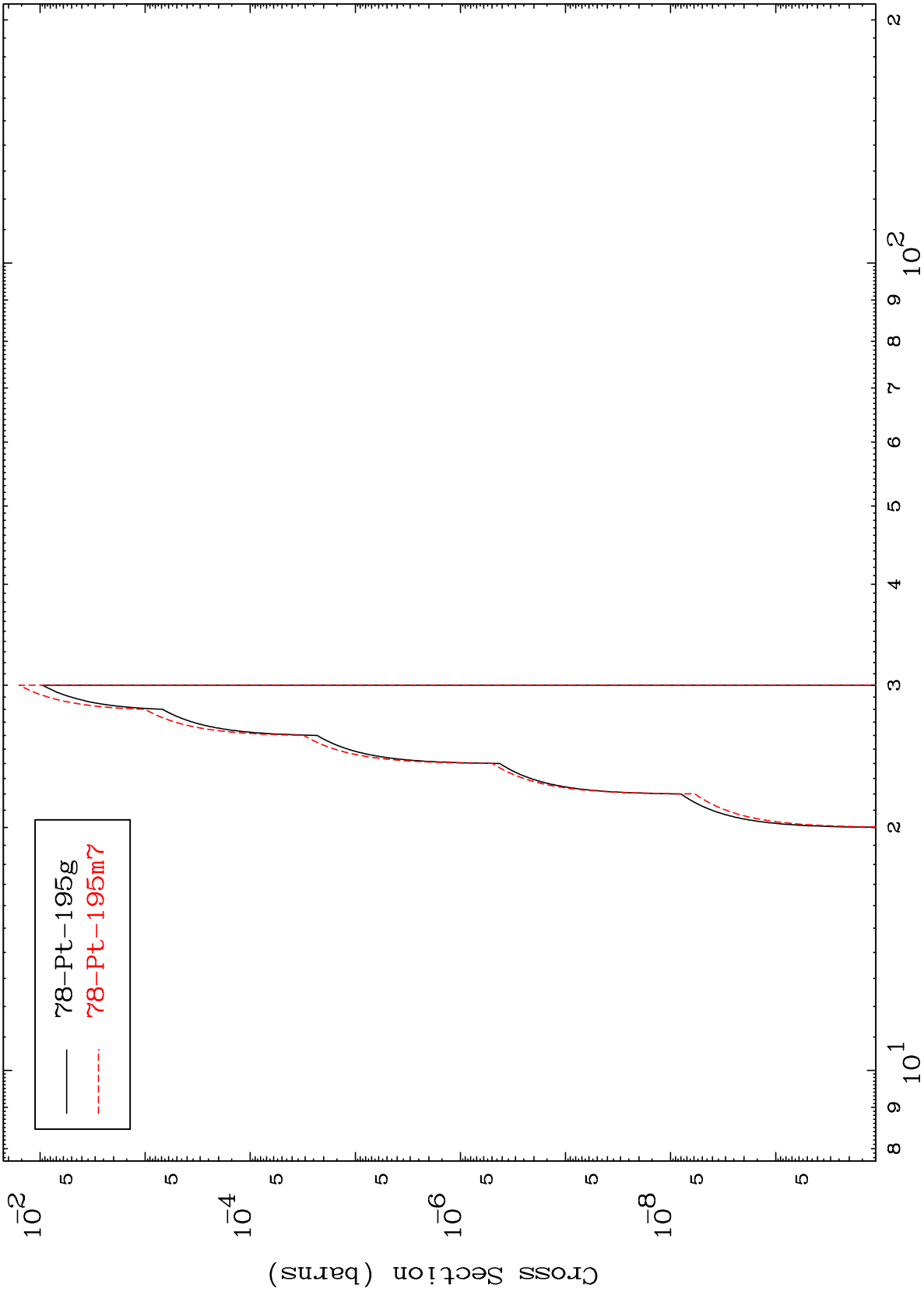
78-Pt-196

MAT 7843

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

<sup>78</sup>Pt-196

Radionuclide Production Cross Section



13

Incident Energy (MeV)

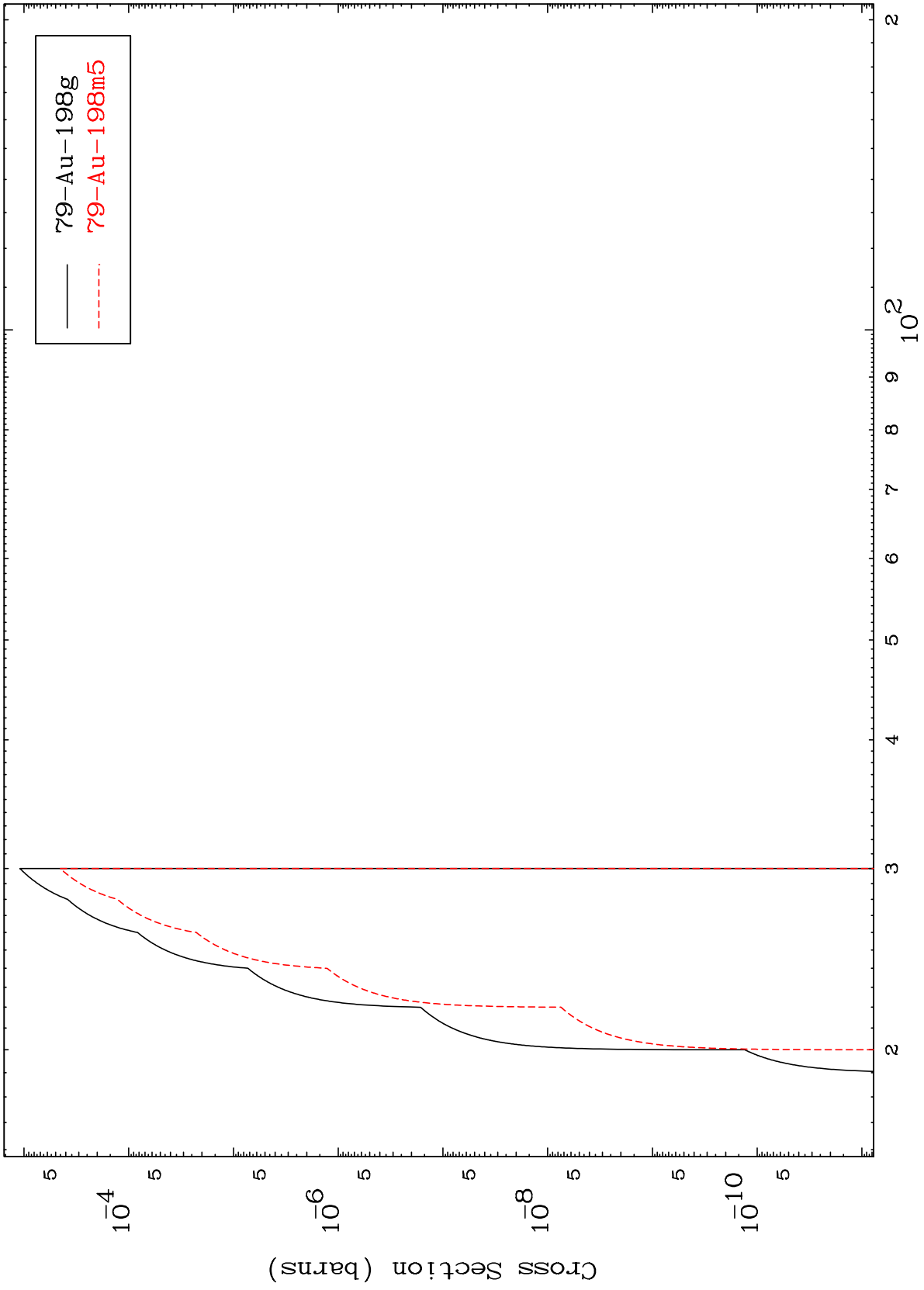
<sup>78</sup>Pt-196

MAT 7843

( $\alpha, n'$ ) p

78-Pt-196

Radionuclide Production Cross Section



14

Incident Energy (MeV)

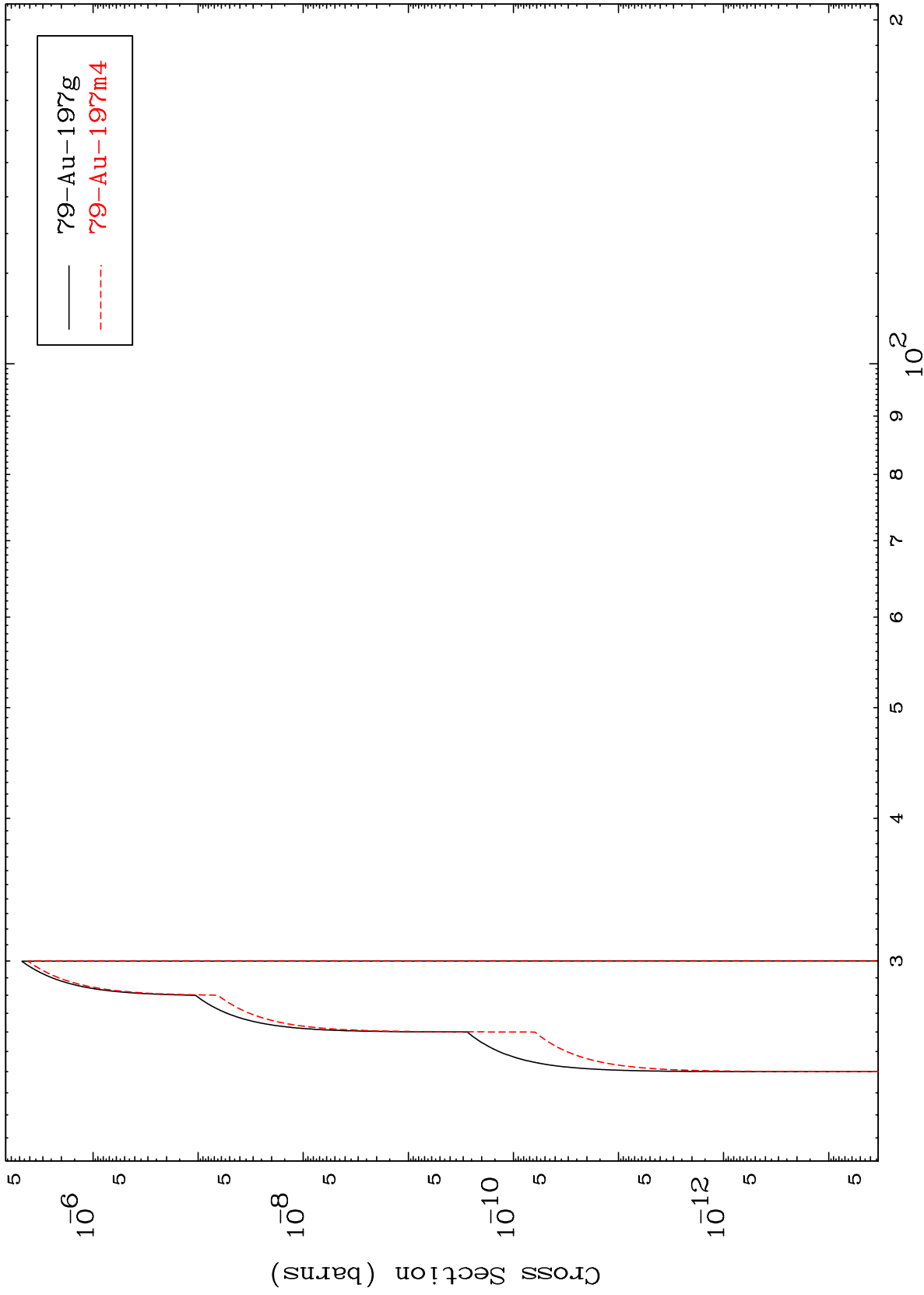
78-Pt-196

MAT 7843

( $\alpha, n'$ ) d

78-Pt-196

Radionuclide Production Cross Section



15

Incident Energy (MeV)

78-Pt-196

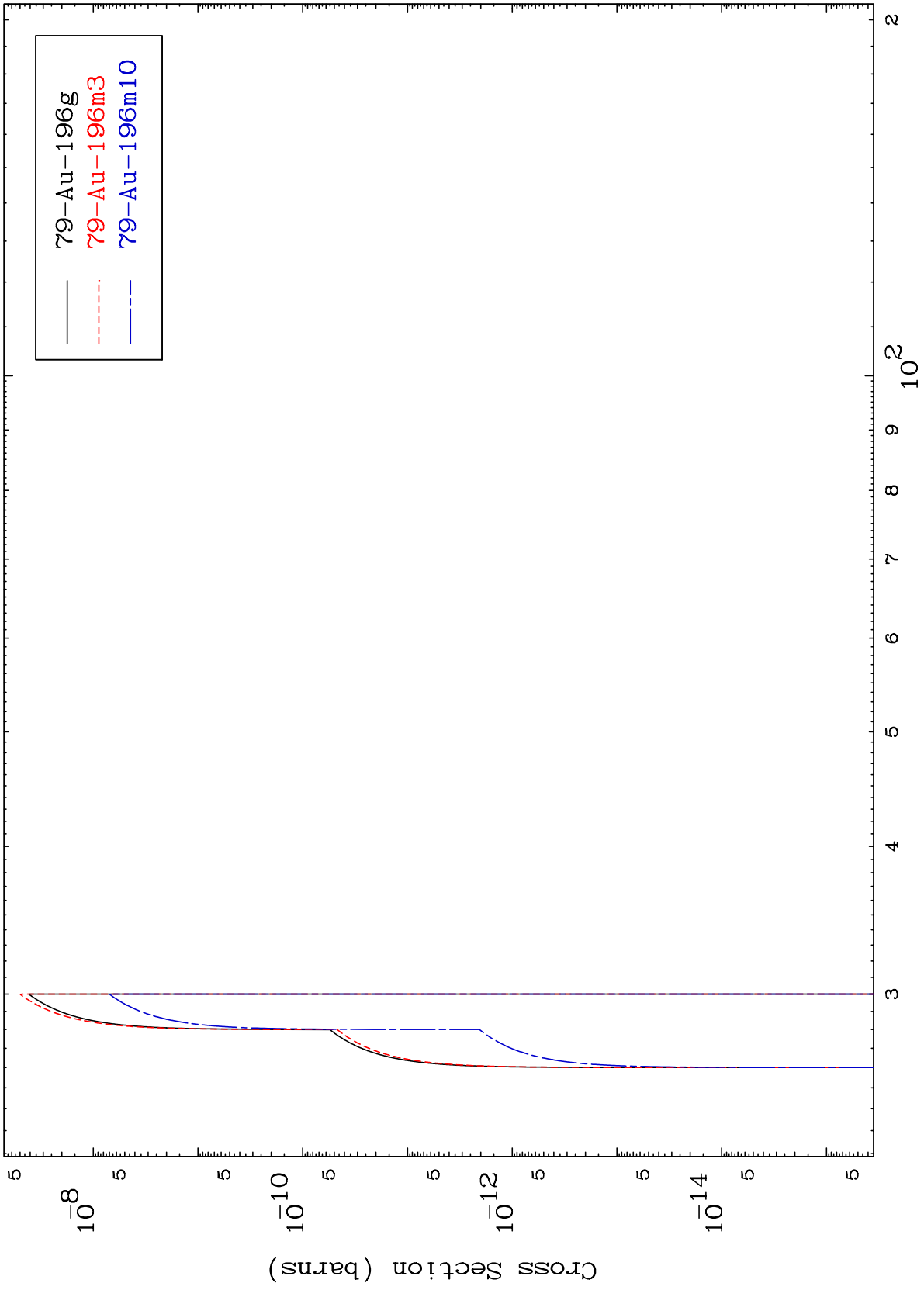


MAT 7843

( $\alpha, n'$ ) t

78-Pt-196

Radionuclide Production Cross Section



16

Incident Energy (MeV)

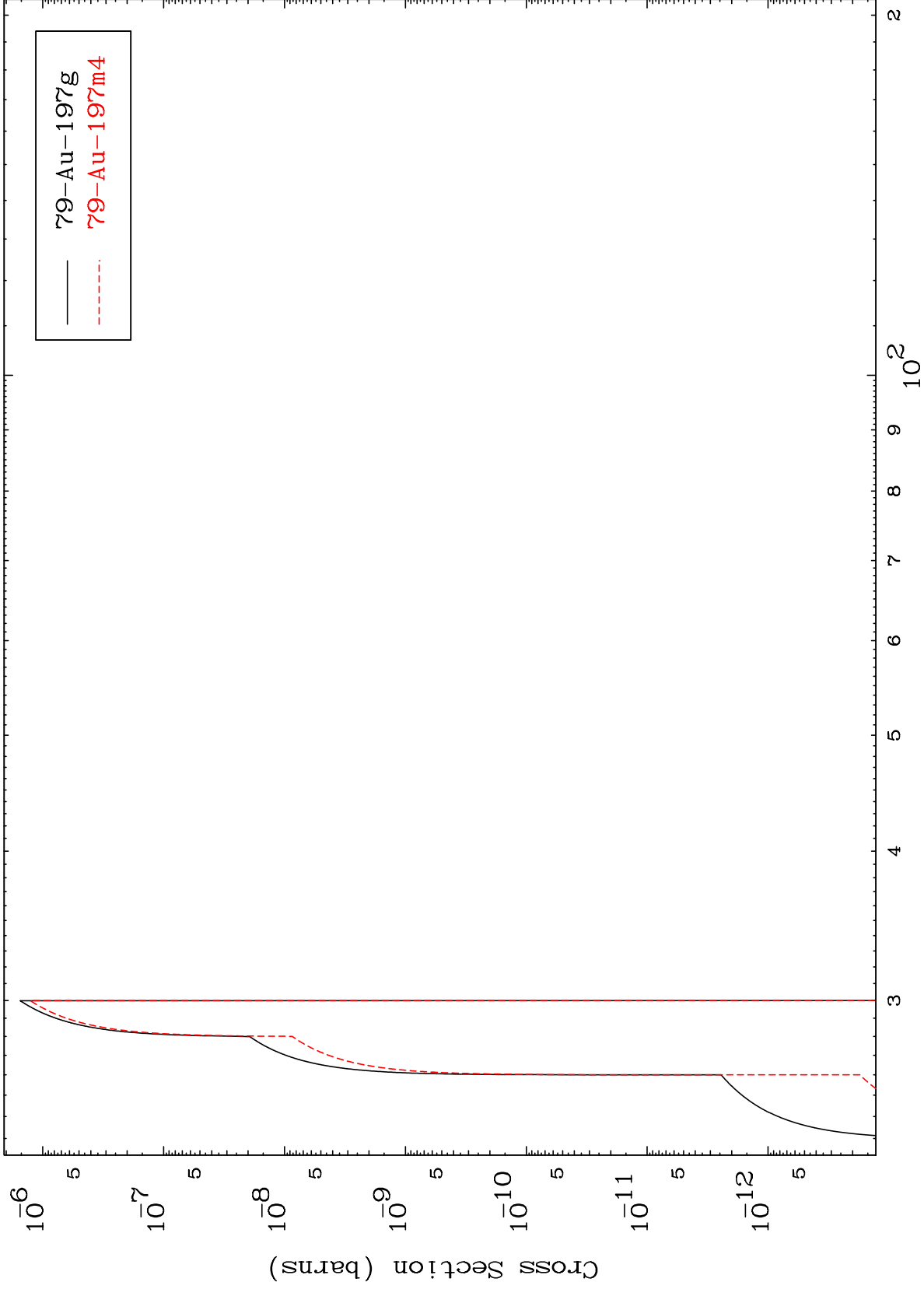
78-Pt-196

MAT 7843

$(\alpha, 2n)$  p

78-Pt-196

Radionuclide Production Cross Section



17

Incident Energy (MeV)

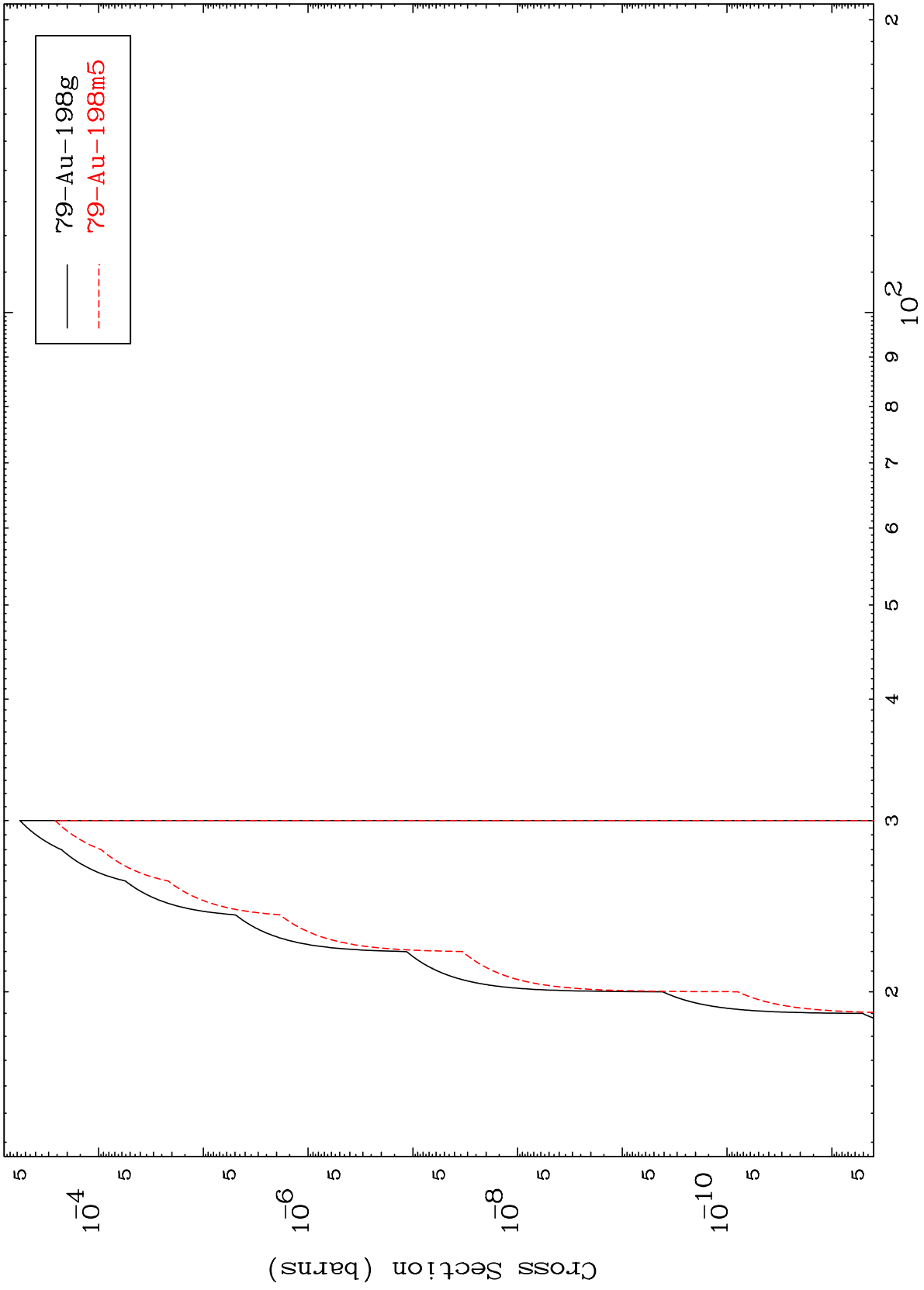
78-Pt-196

MAT 7843

( $\alpha, d$ )

<sup>78</sup>Pt-196

Radionuclide Production Cross Section



18

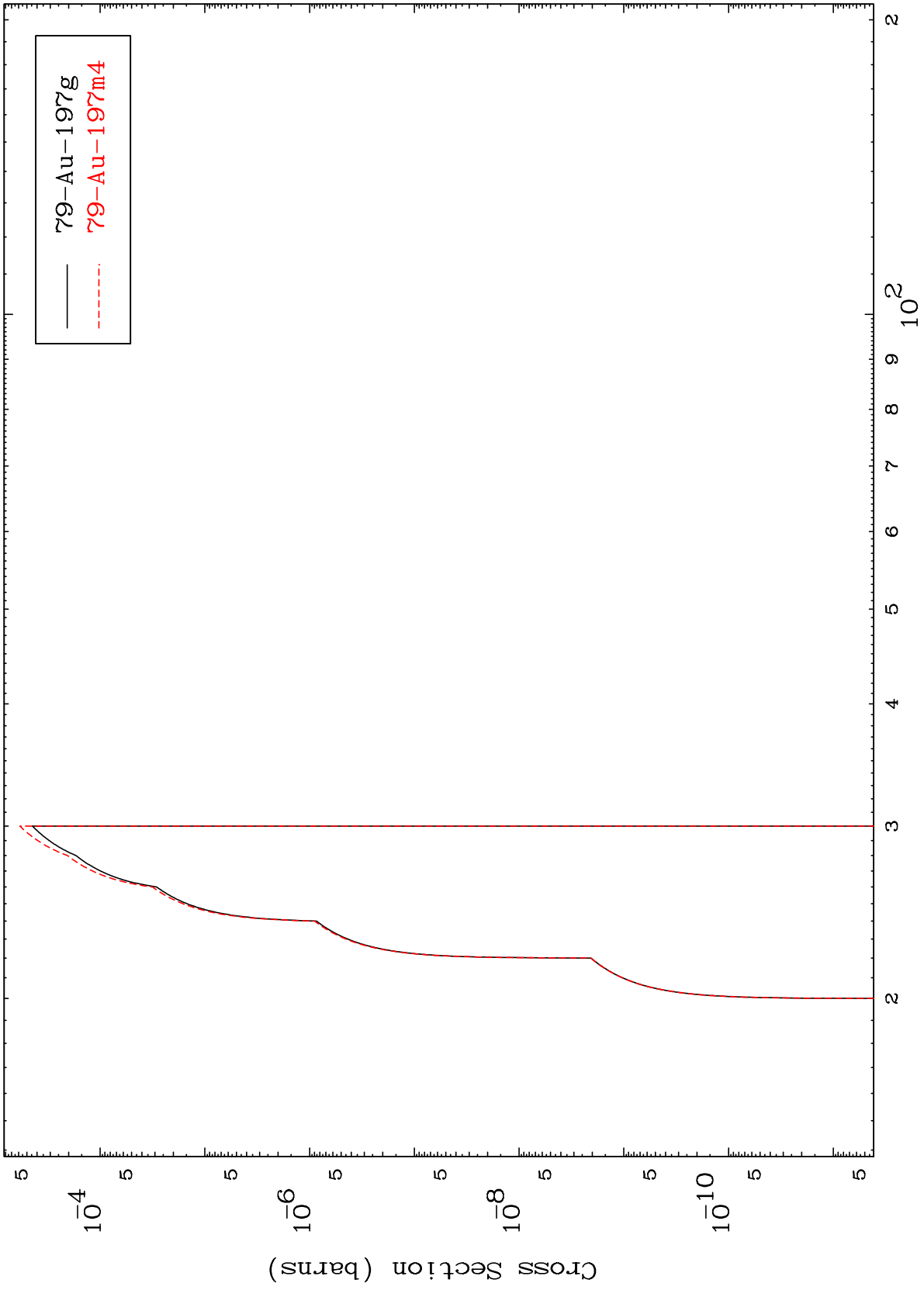
Incident Energy (MeV)

<sup>78</sup>Pt-196

MAT 7843

78-Pt-196

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



19

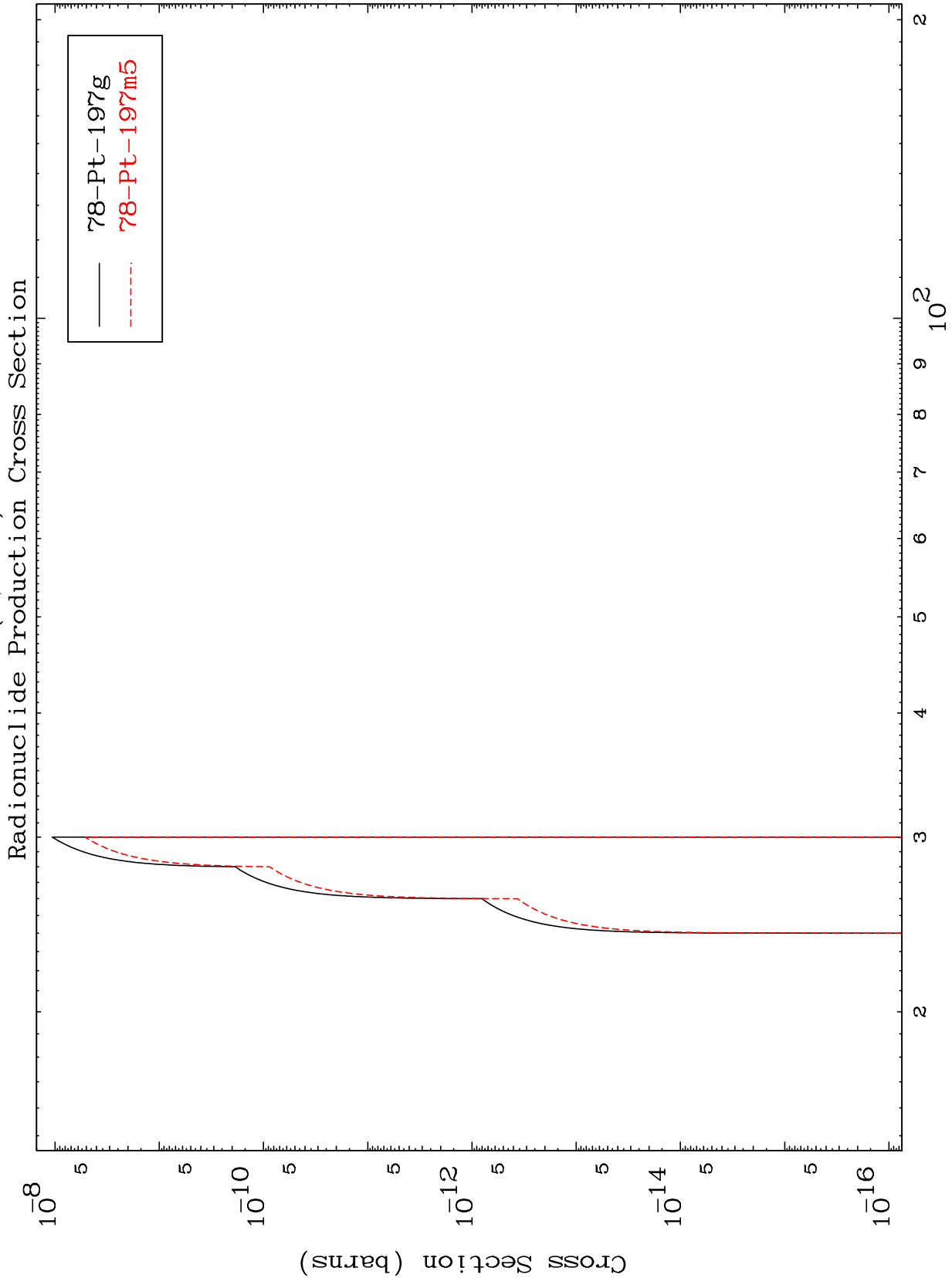
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



20

Incident Energy (MeV)

78-Pt-196