

Program EVALPLOT  
(Version 2018-1)

by

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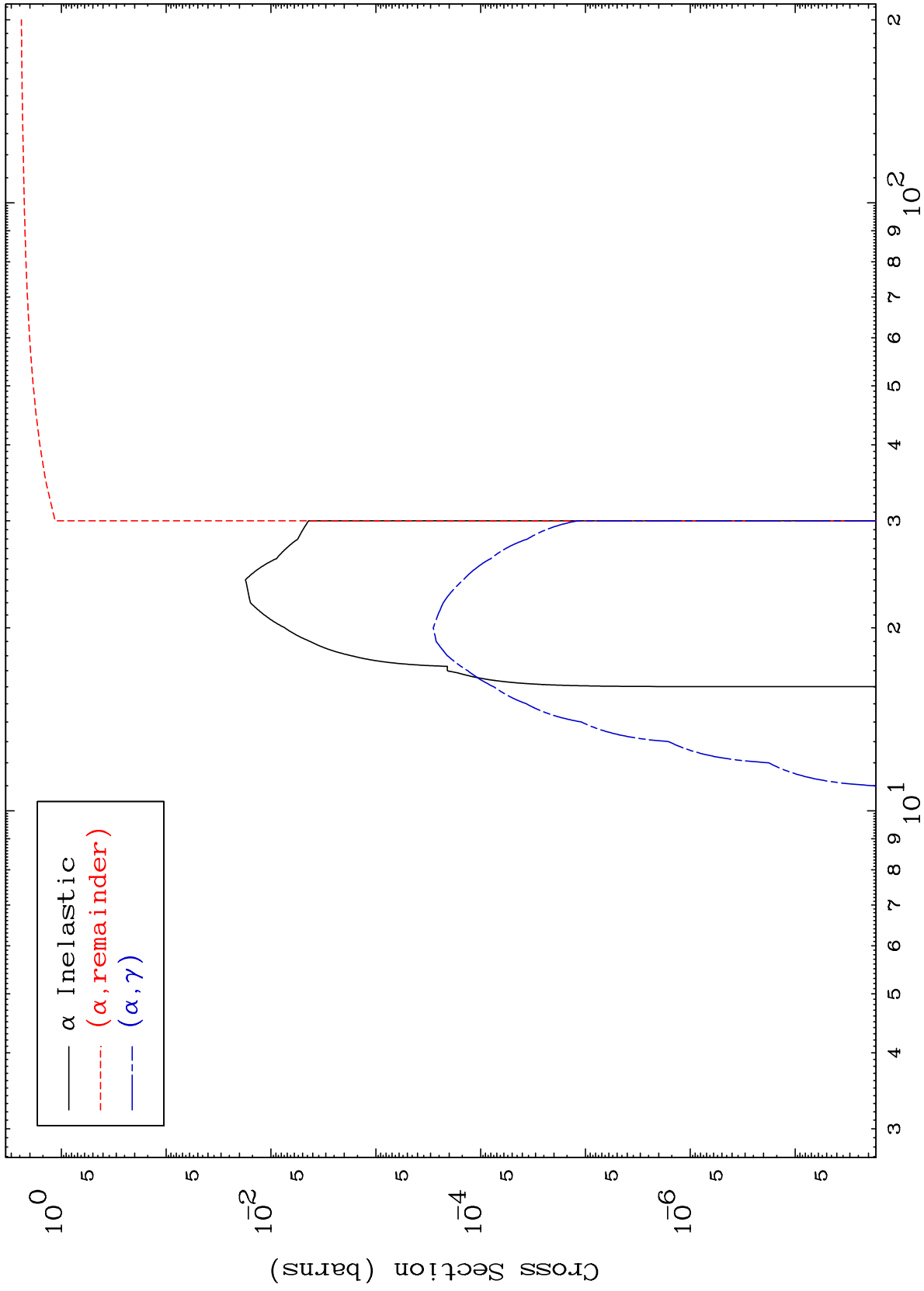
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6783

0 Kelvin  $\alpha$  Major  
Cross Sections

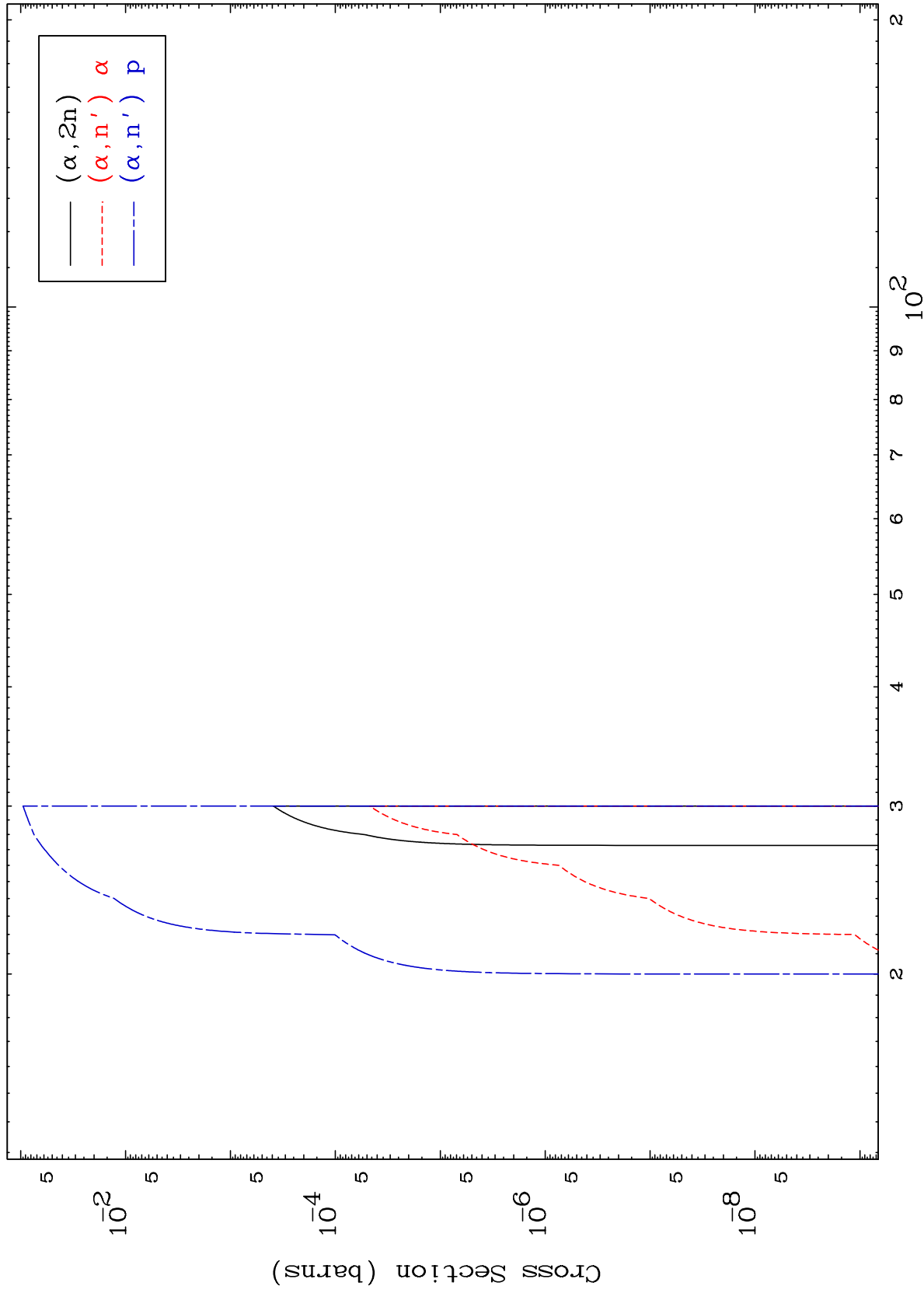
68-Er-148

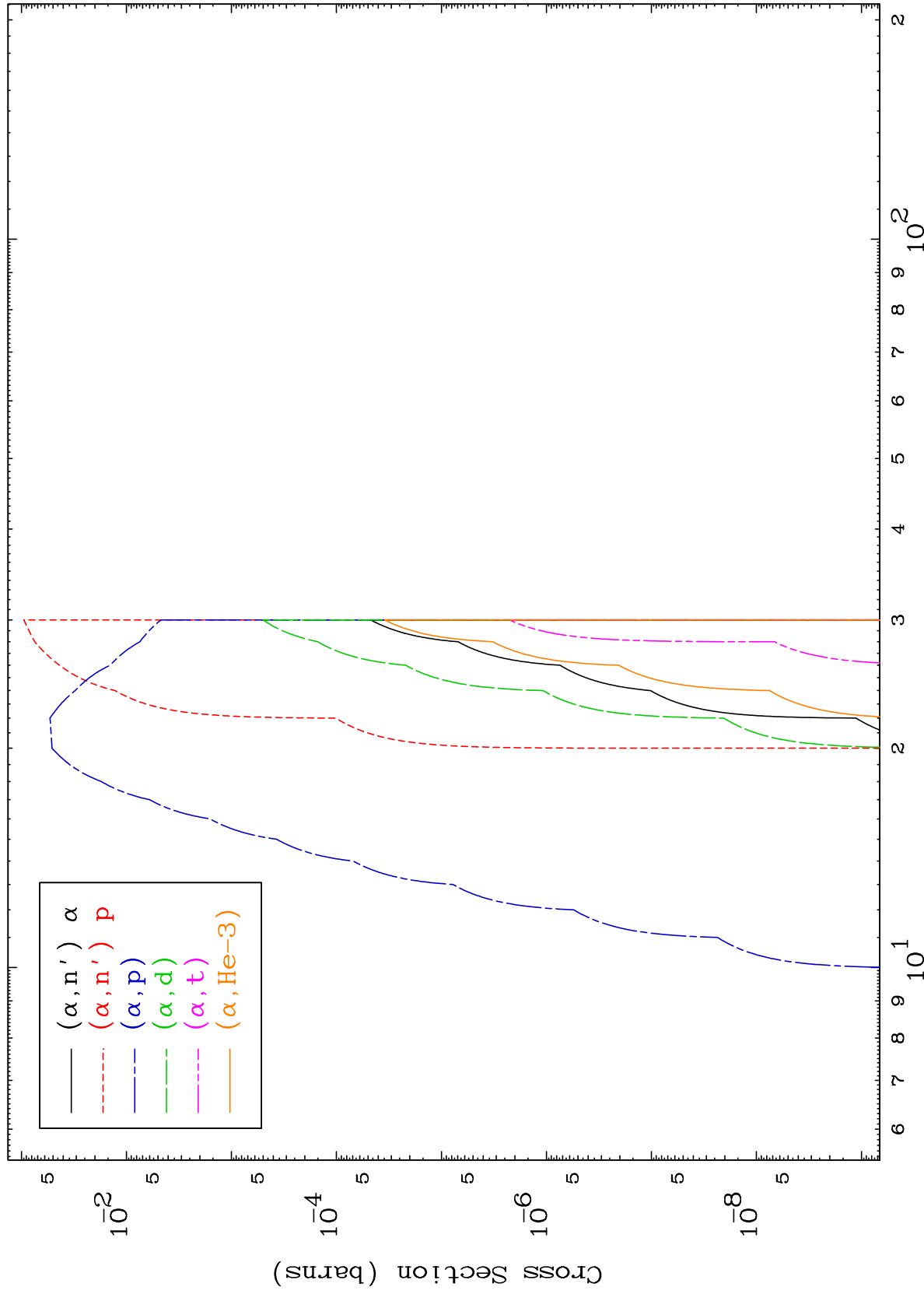


1

Incident Energy (MeV)

68-Er-148

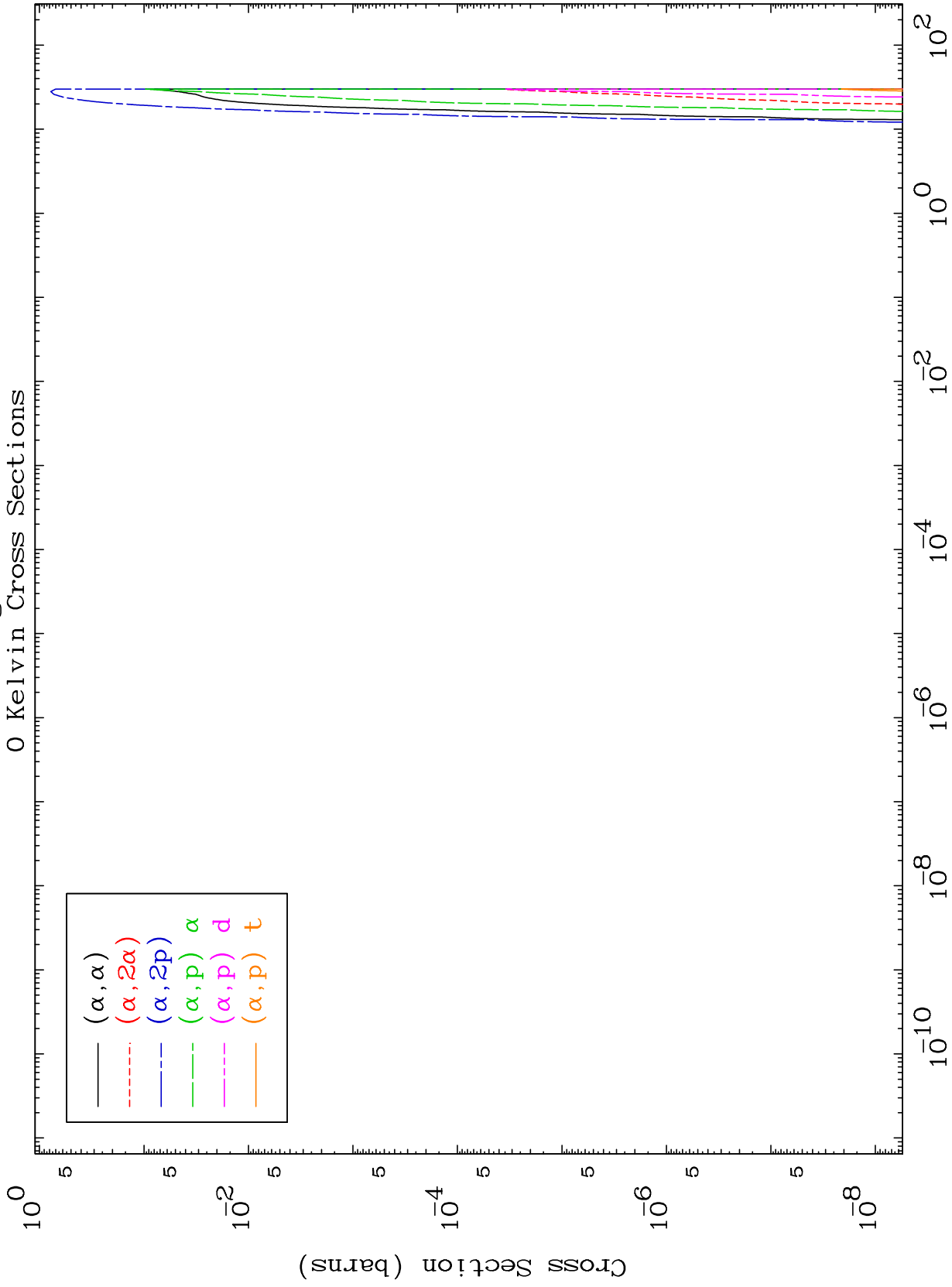




MAT 6783

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

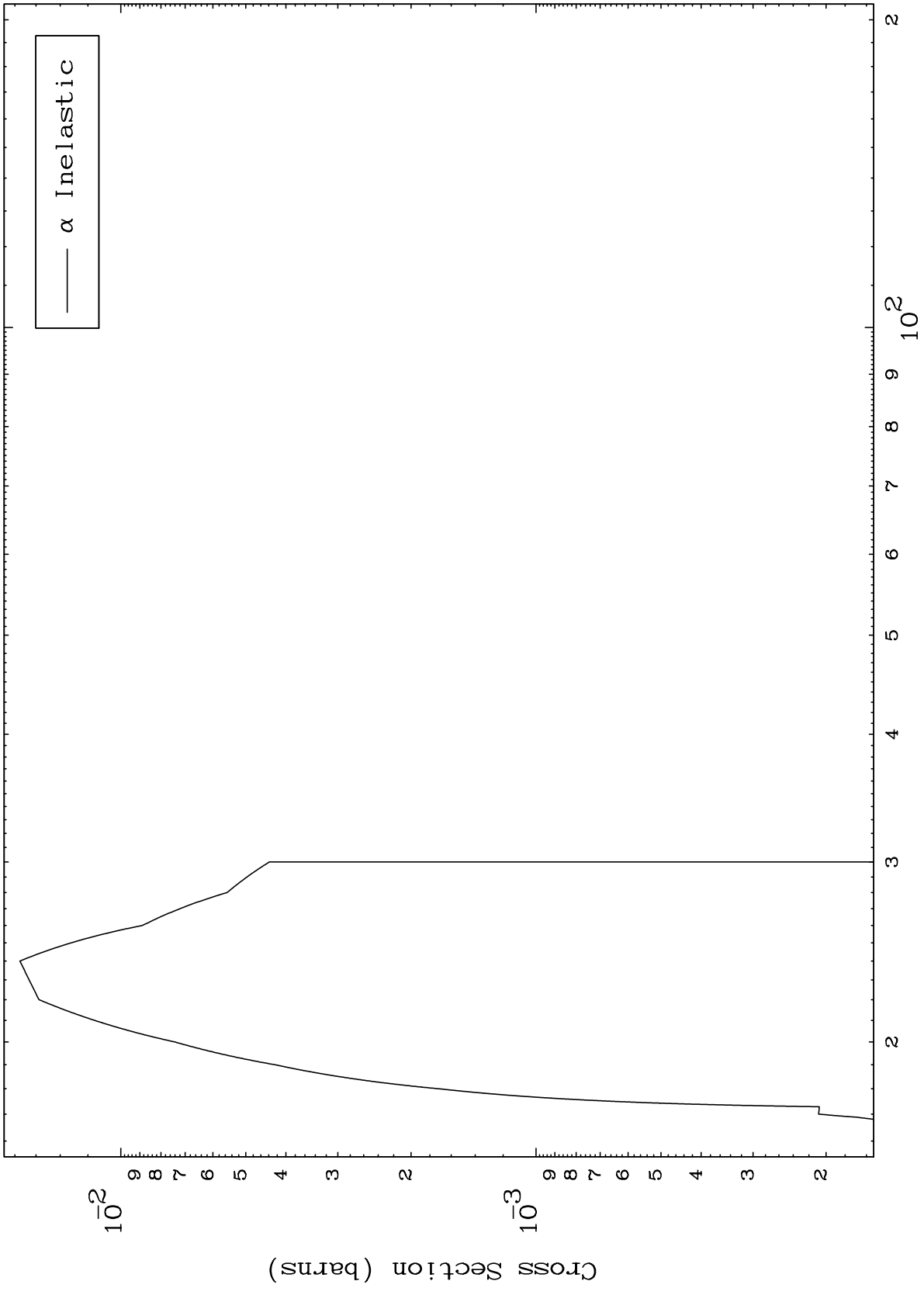
68-Er-148



MAT 6783

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

68-Er-148



$\alpha$  Inelastic

5

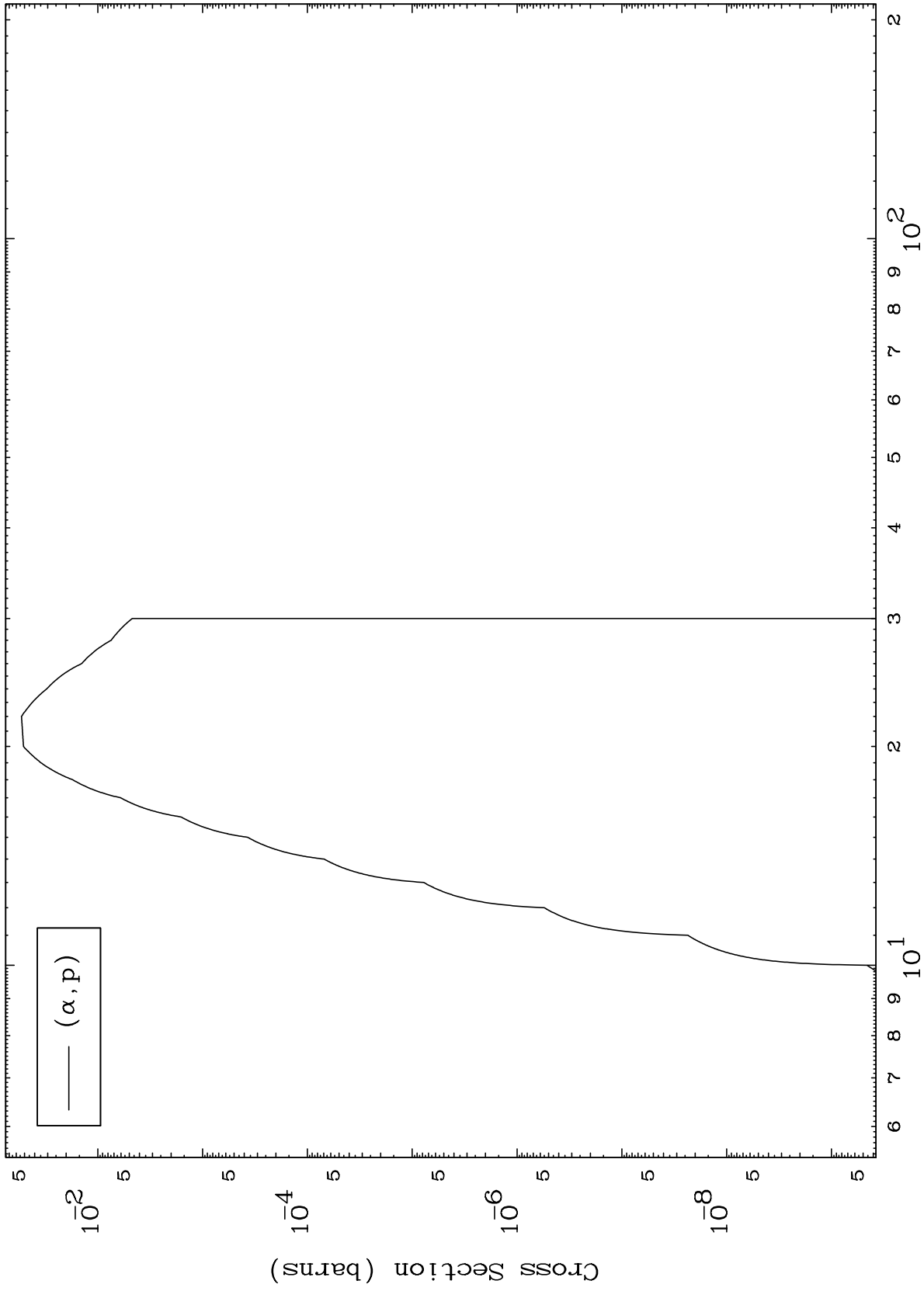
Incident Energy (MeV)

68-Er-148

MAT 6783

68-Er-148

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



6

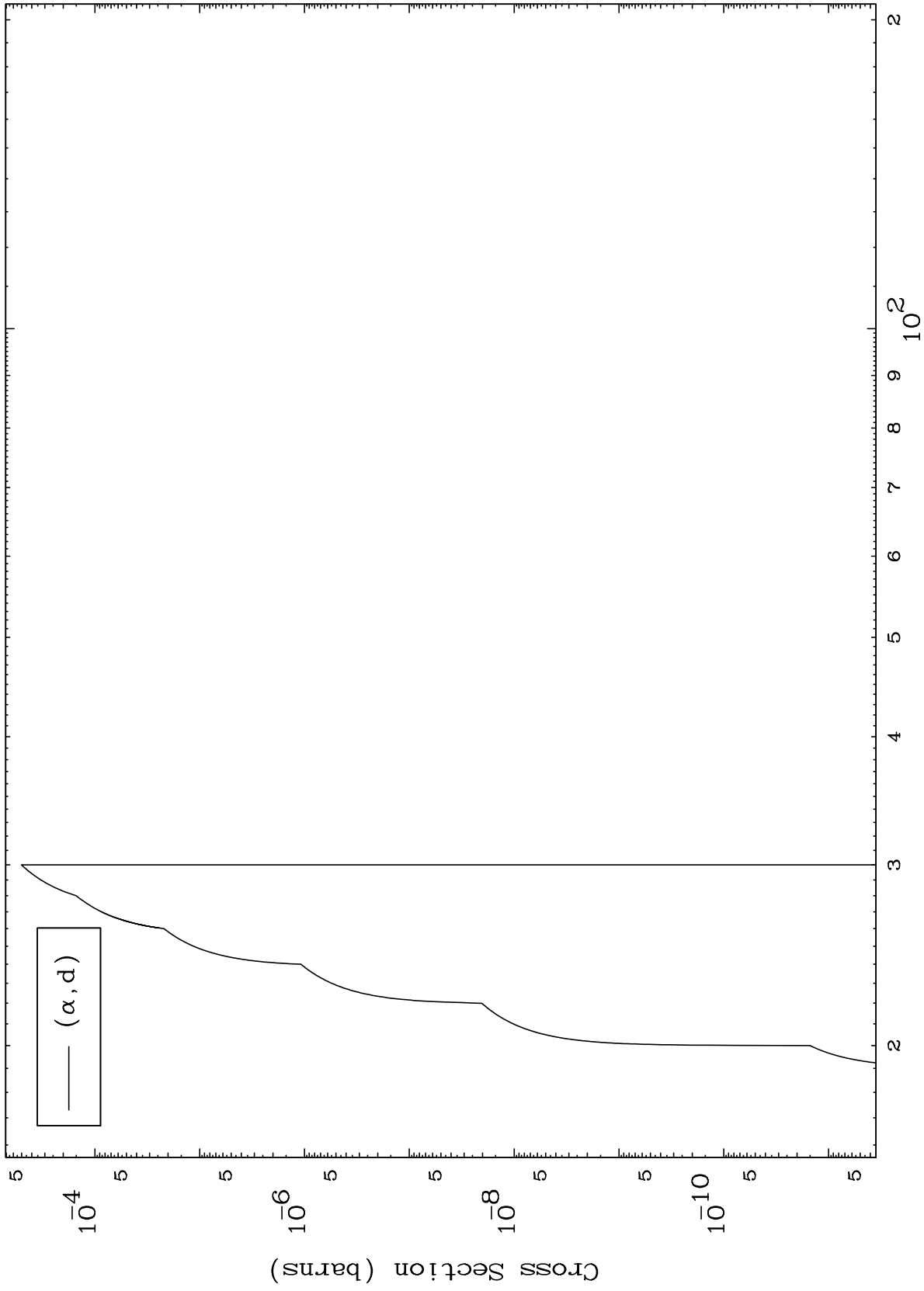
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



7

Incident Energy (MeV)

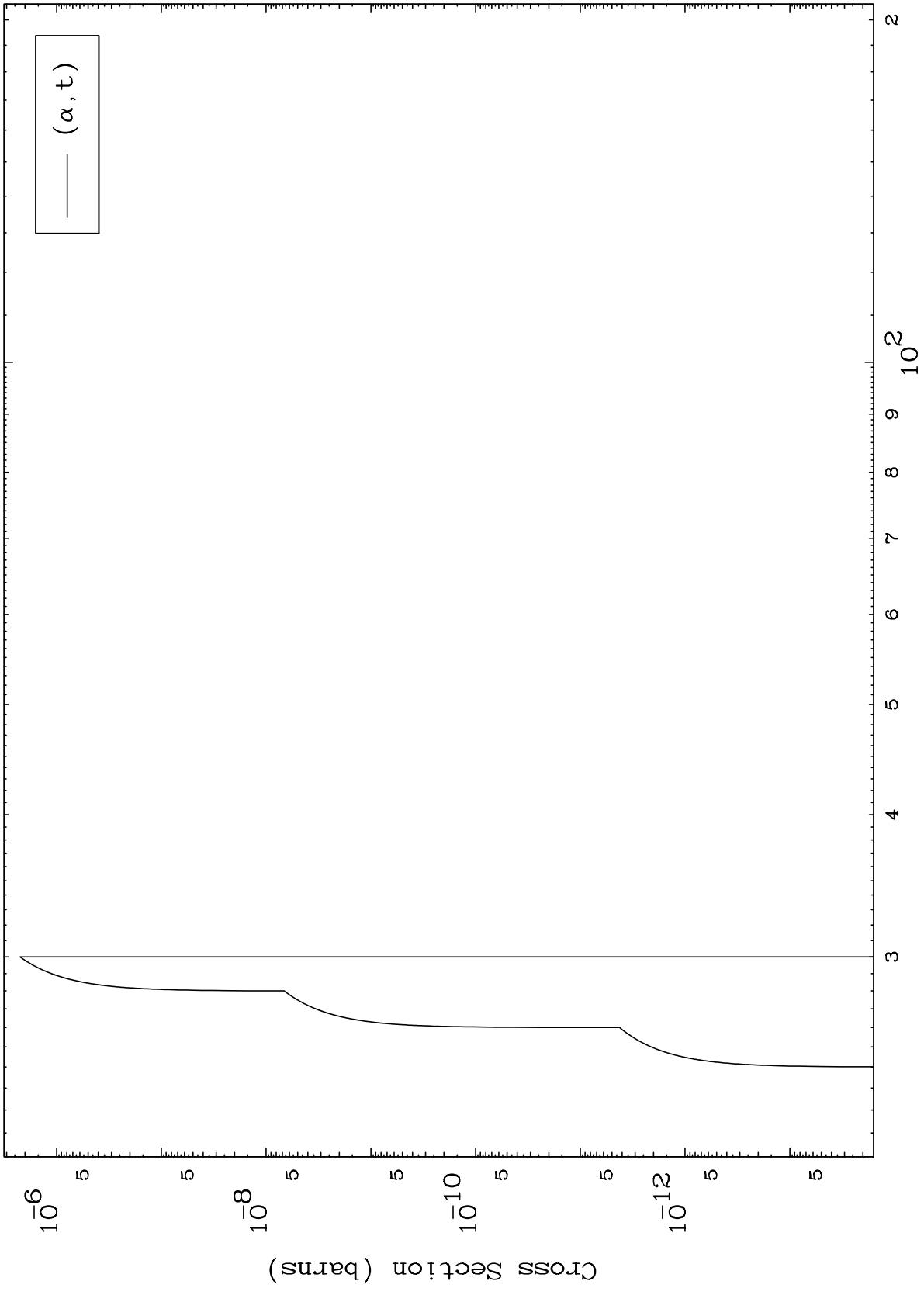
68-Er-148



MAT 6783

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

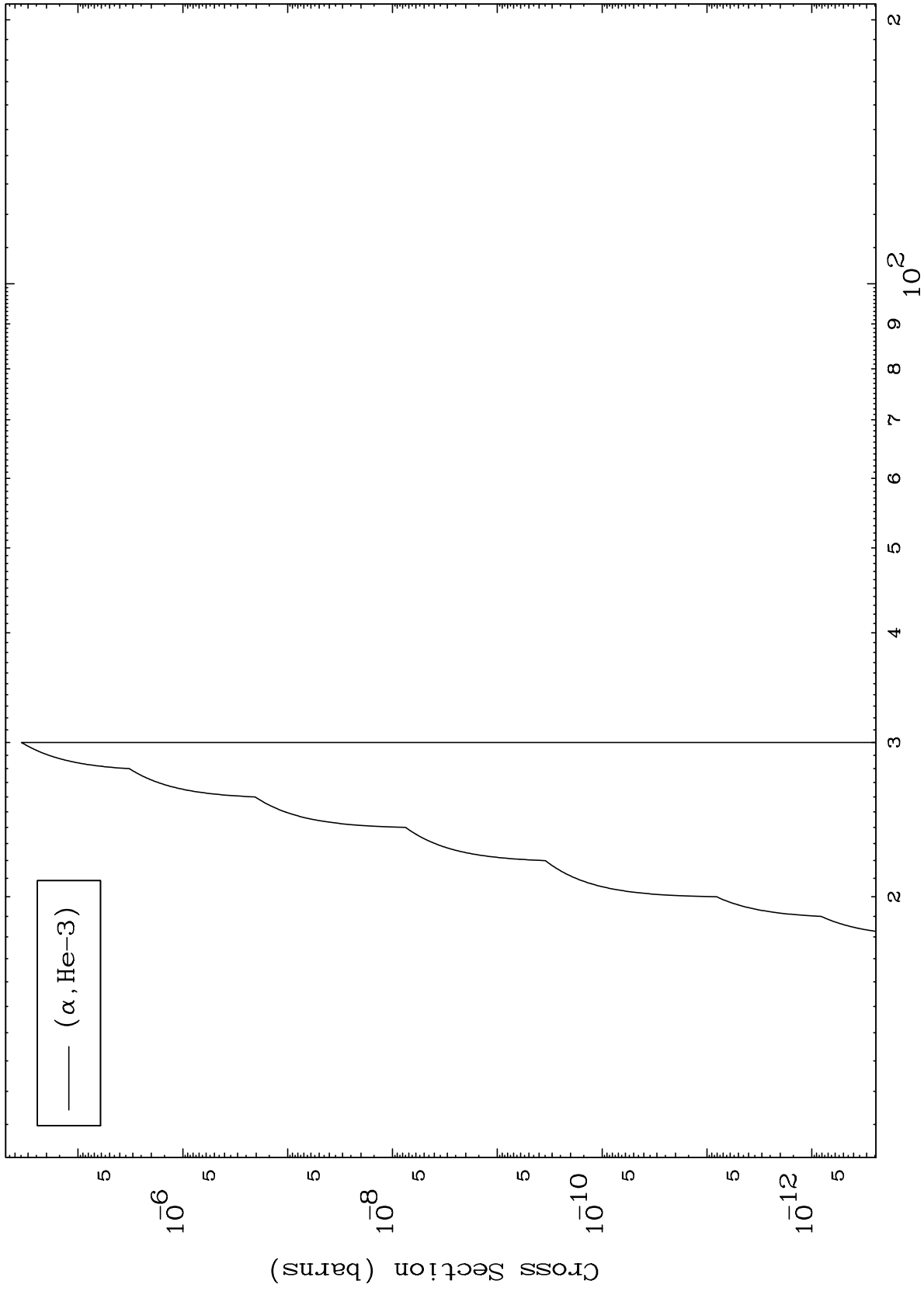
68-Er-148



8

Incident Energy (MeV)

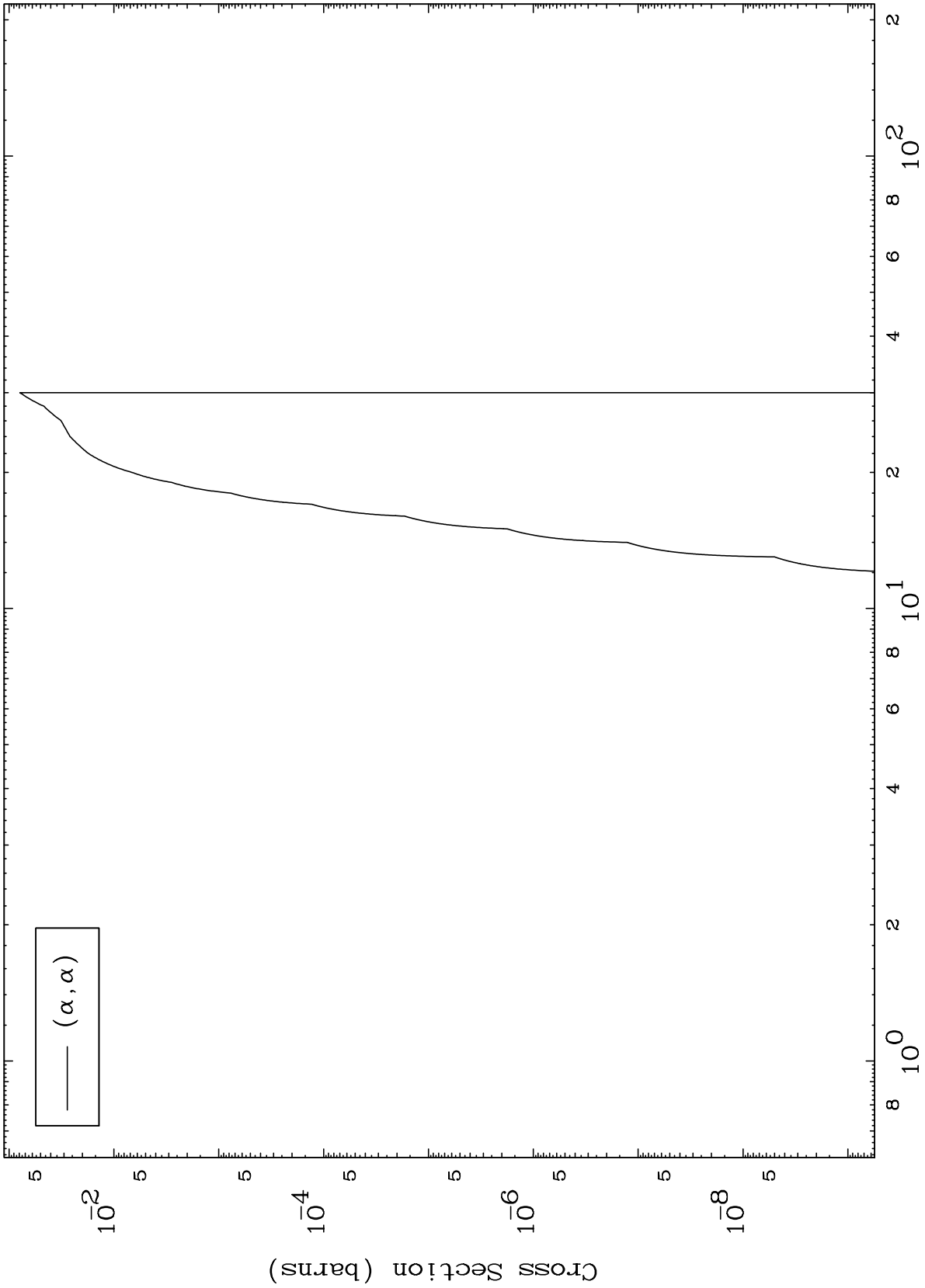
68-Er-148



MAT 6783

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

68-Er-148



10

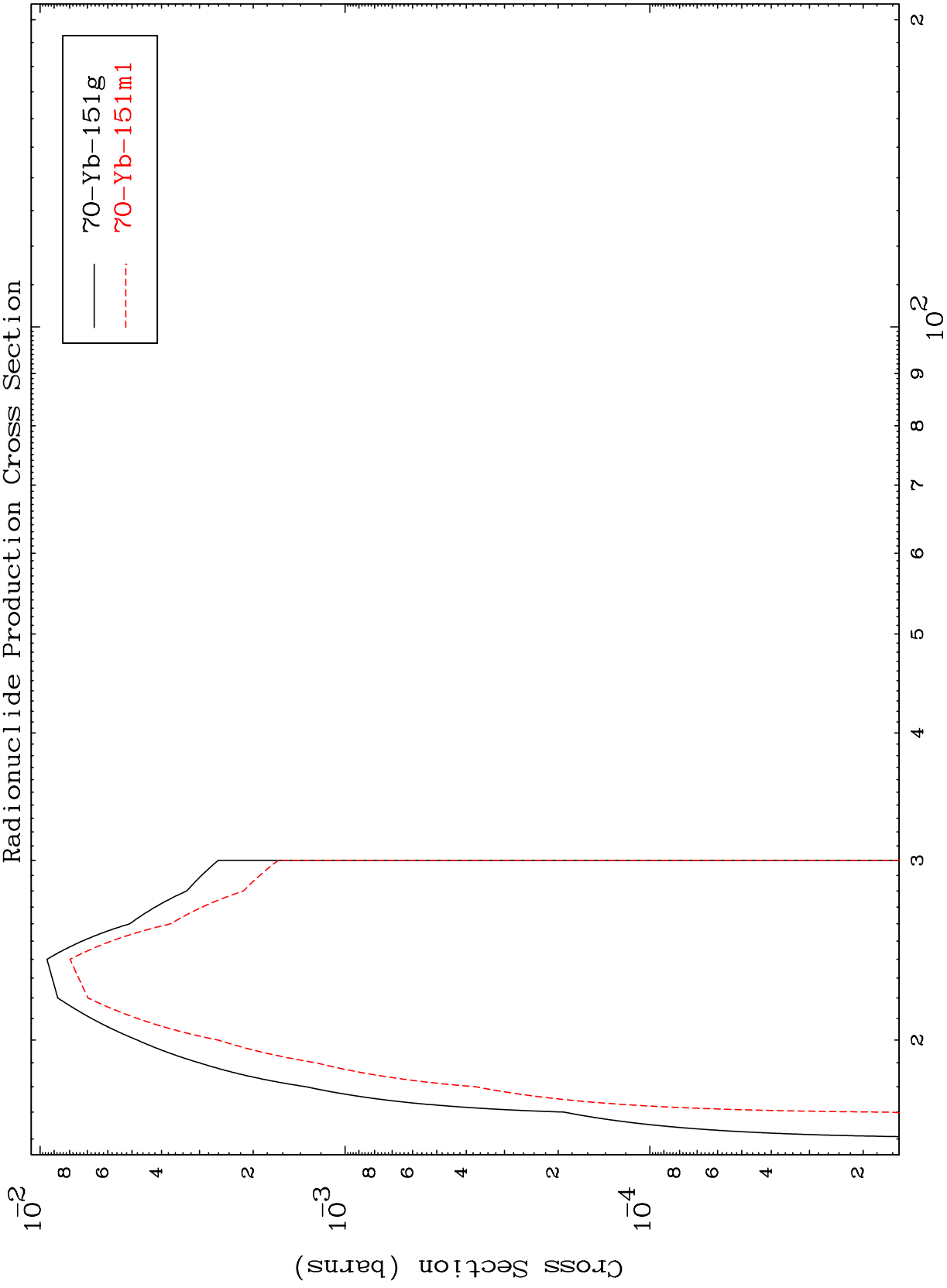
Incident Energy (MeV)

68-Er-148

MAT 6783

68-Er-148

$\alpha$  Inelastic  
Radionuclide Production Cross Section



11

Incident Energy (MeV)

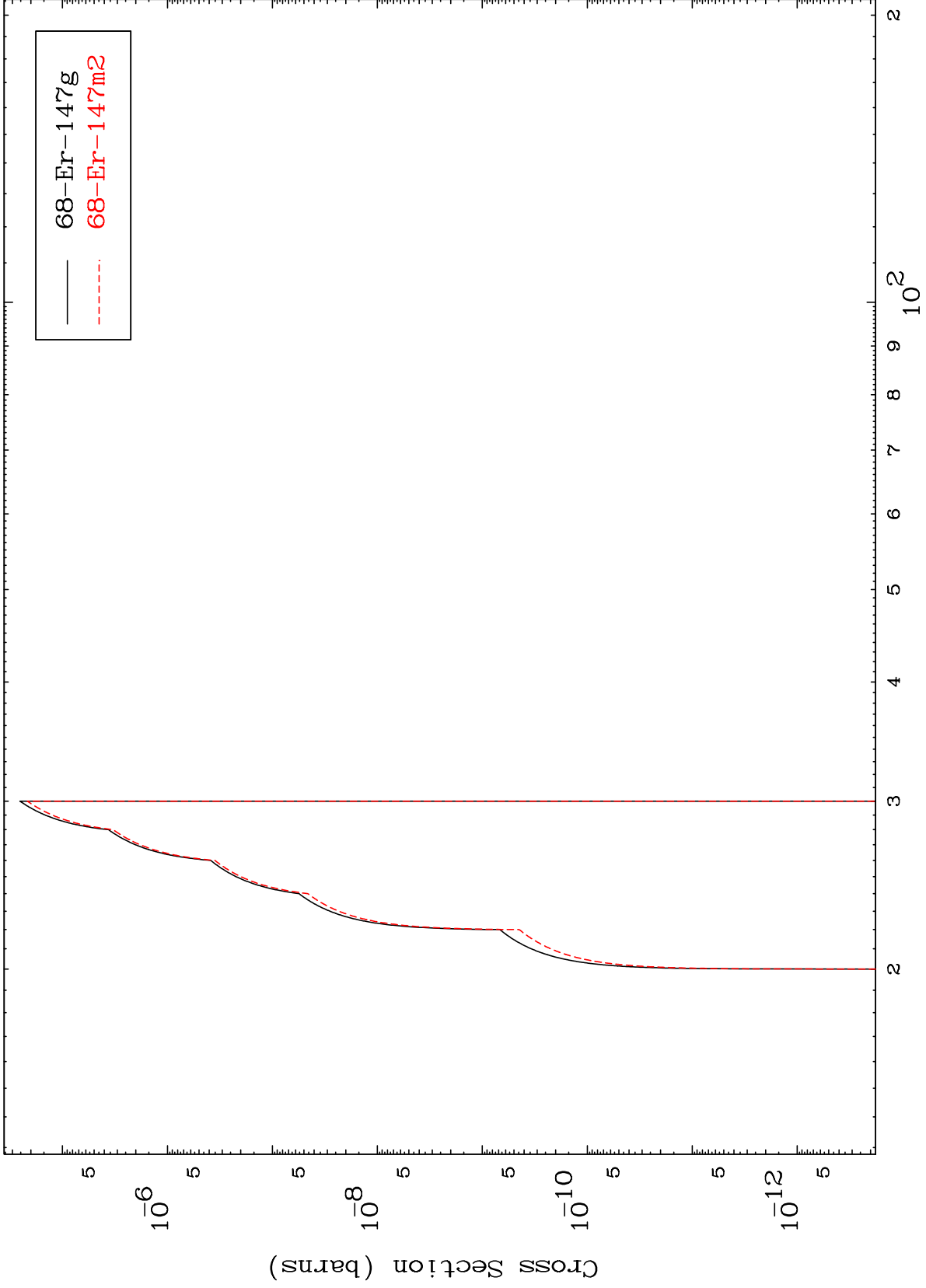
68-Er-148

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

68-Er-148

Radionuclide Production Cross Section



12

Incident Energy (MeV)

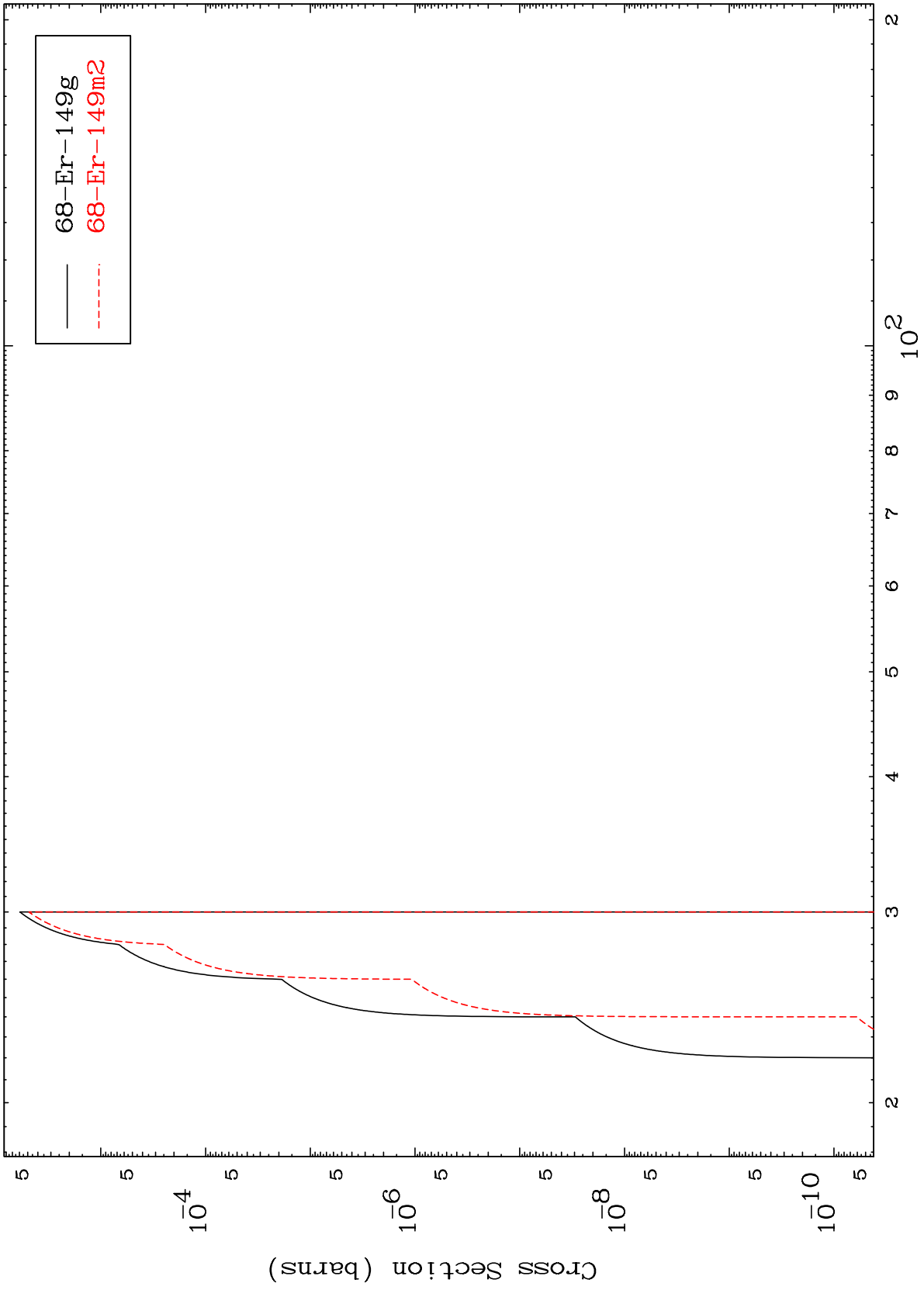
68-Er-148

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( $\alpha, 2n$ ) p

68-Er-148

Radionuclide Production Cross Section



13

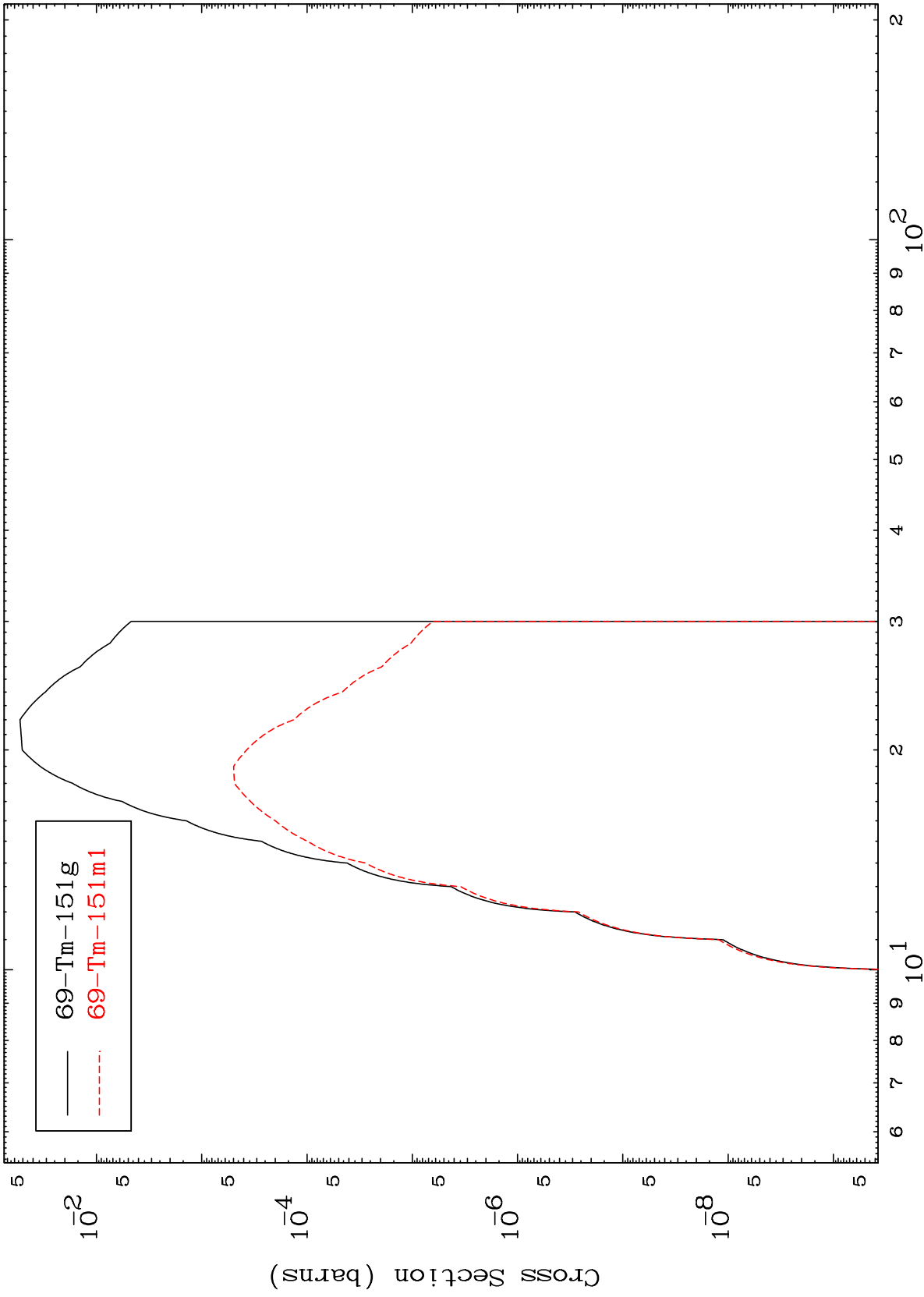
Incident Energy (MeV)

68-Er-148

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68-Er-148

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



14

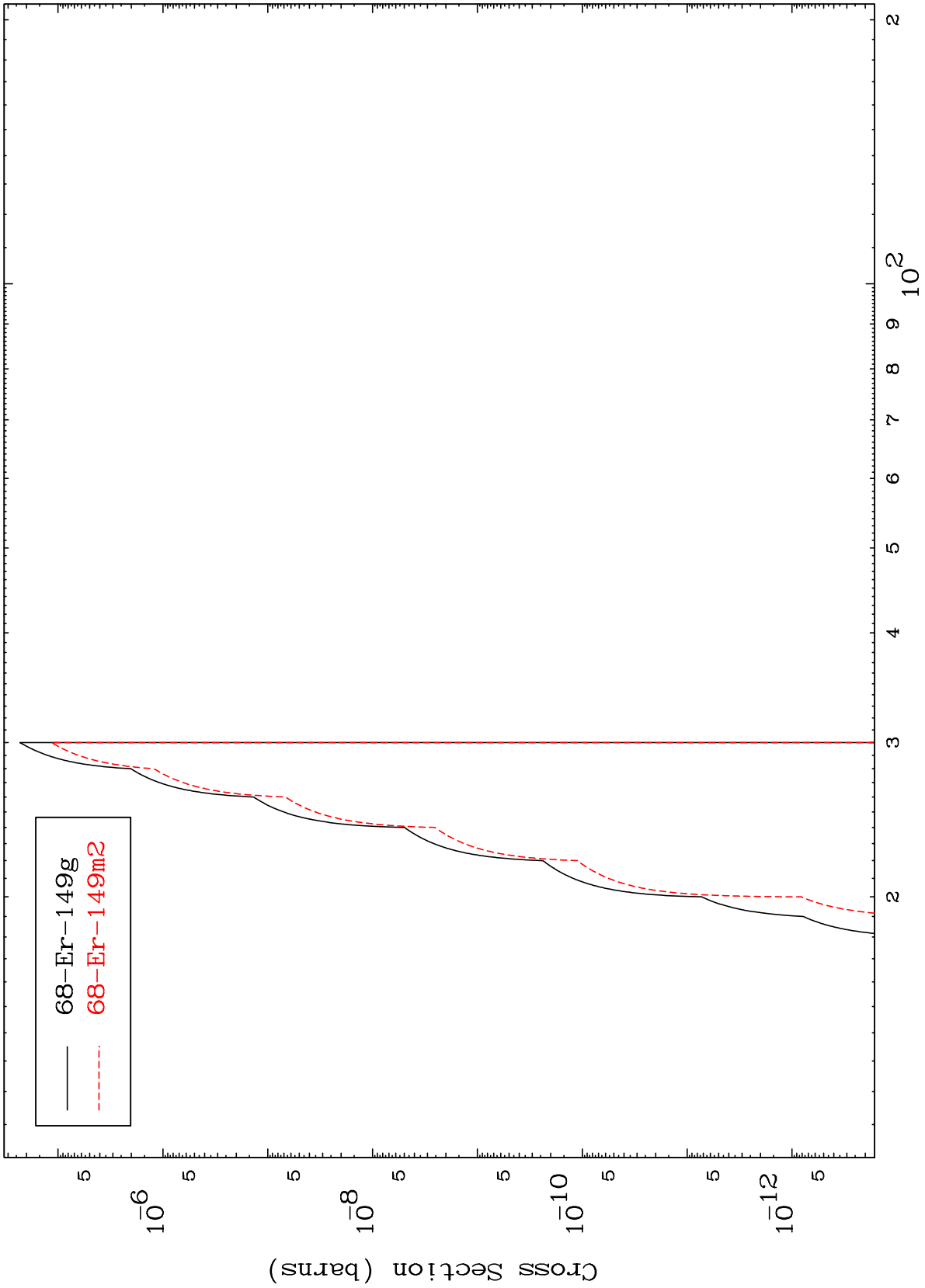
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( $\alpha, \text{He-3}$ )

68-Er-148

Radionuclide Production Cross Section



15

68-Er-148

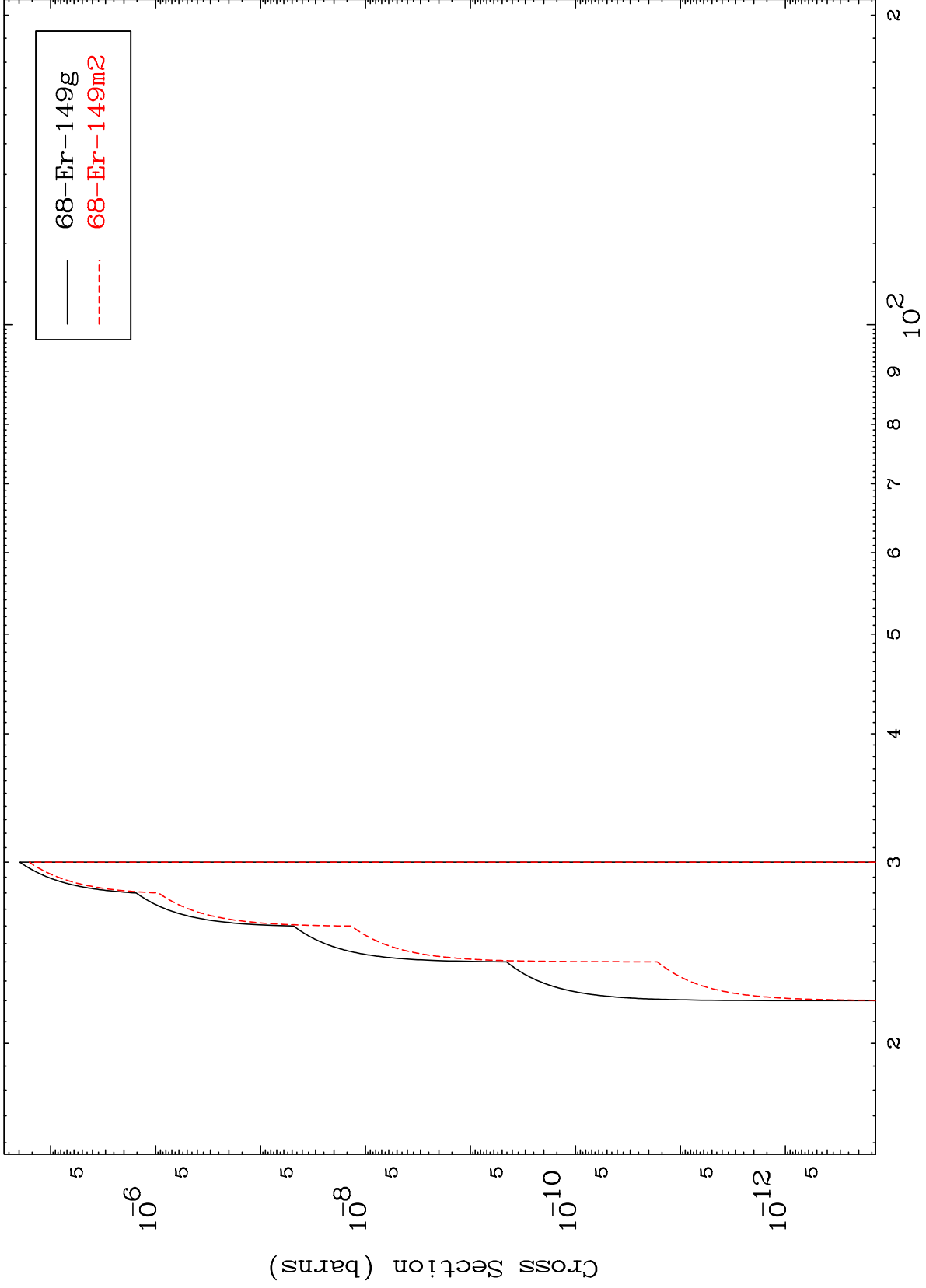


MAT 6783

( $\alpha, p$ ) d

68-Er-148

Radionuclide Production Cross Section



16

Incident Energy (MeV)

68-Er-148