

Program EVALPLOT  
(Version 2018-1)

by

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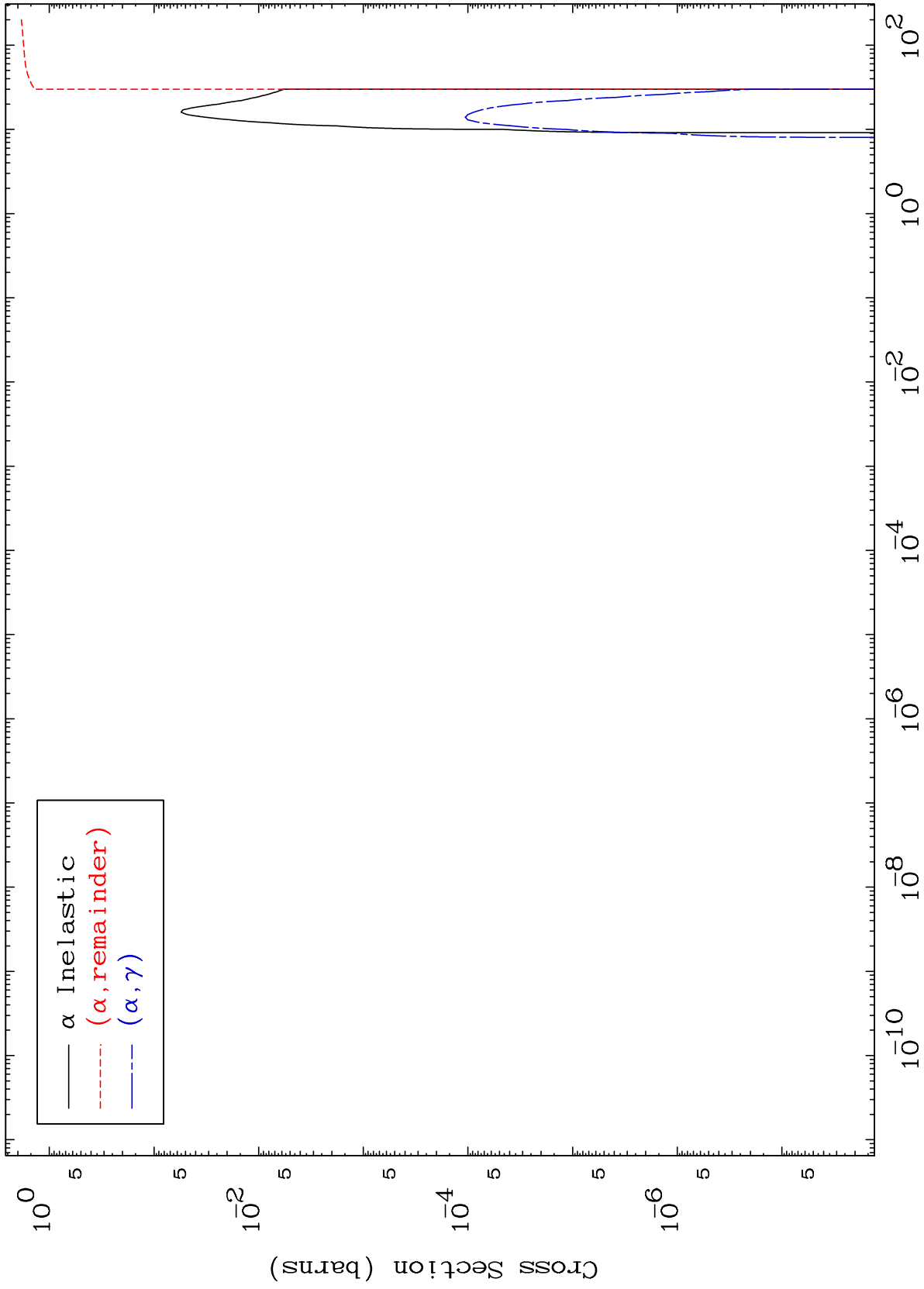
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3907

0 Kelvin  $\alpha$  Major  
Cross Sections

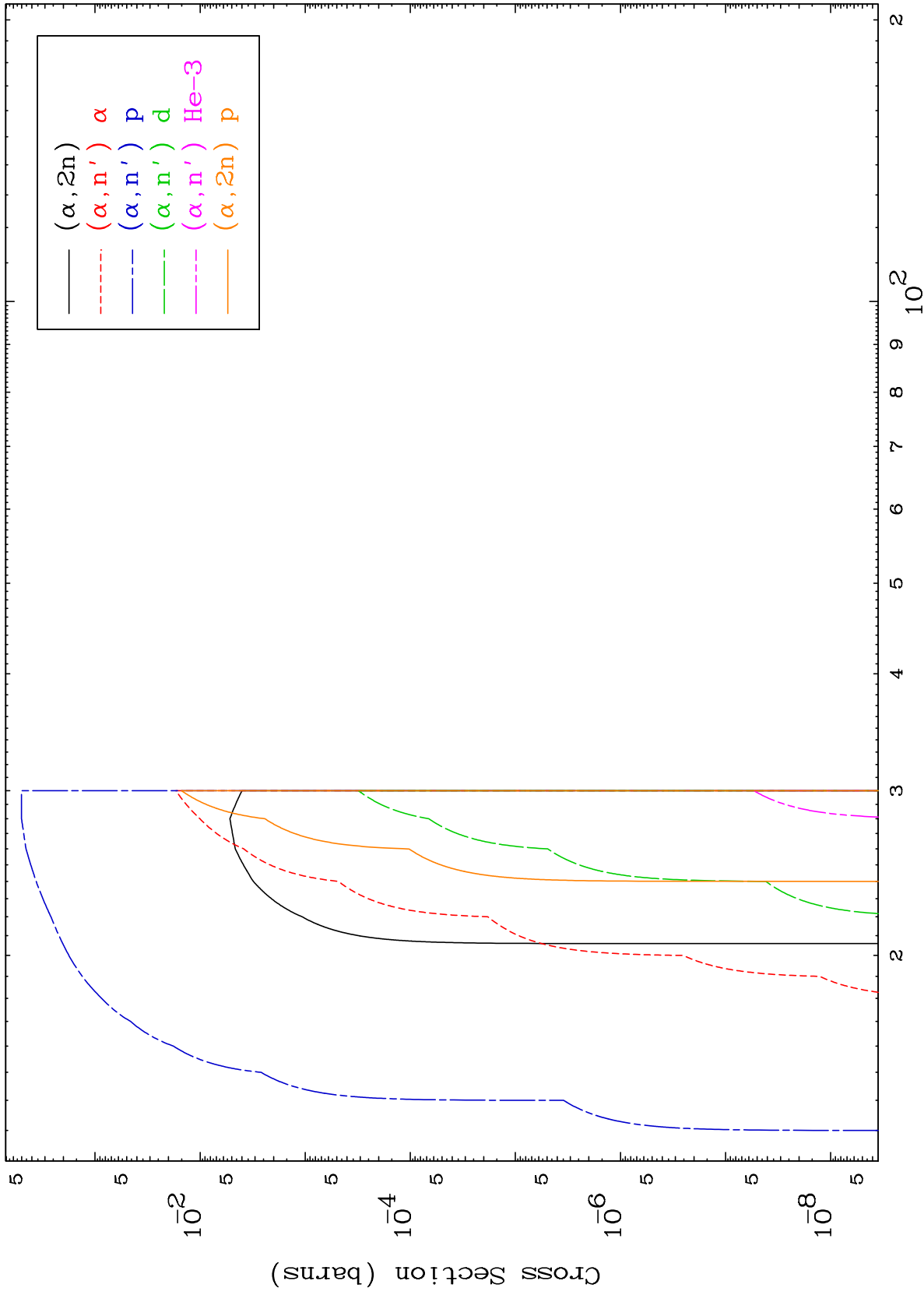
39-Y -83

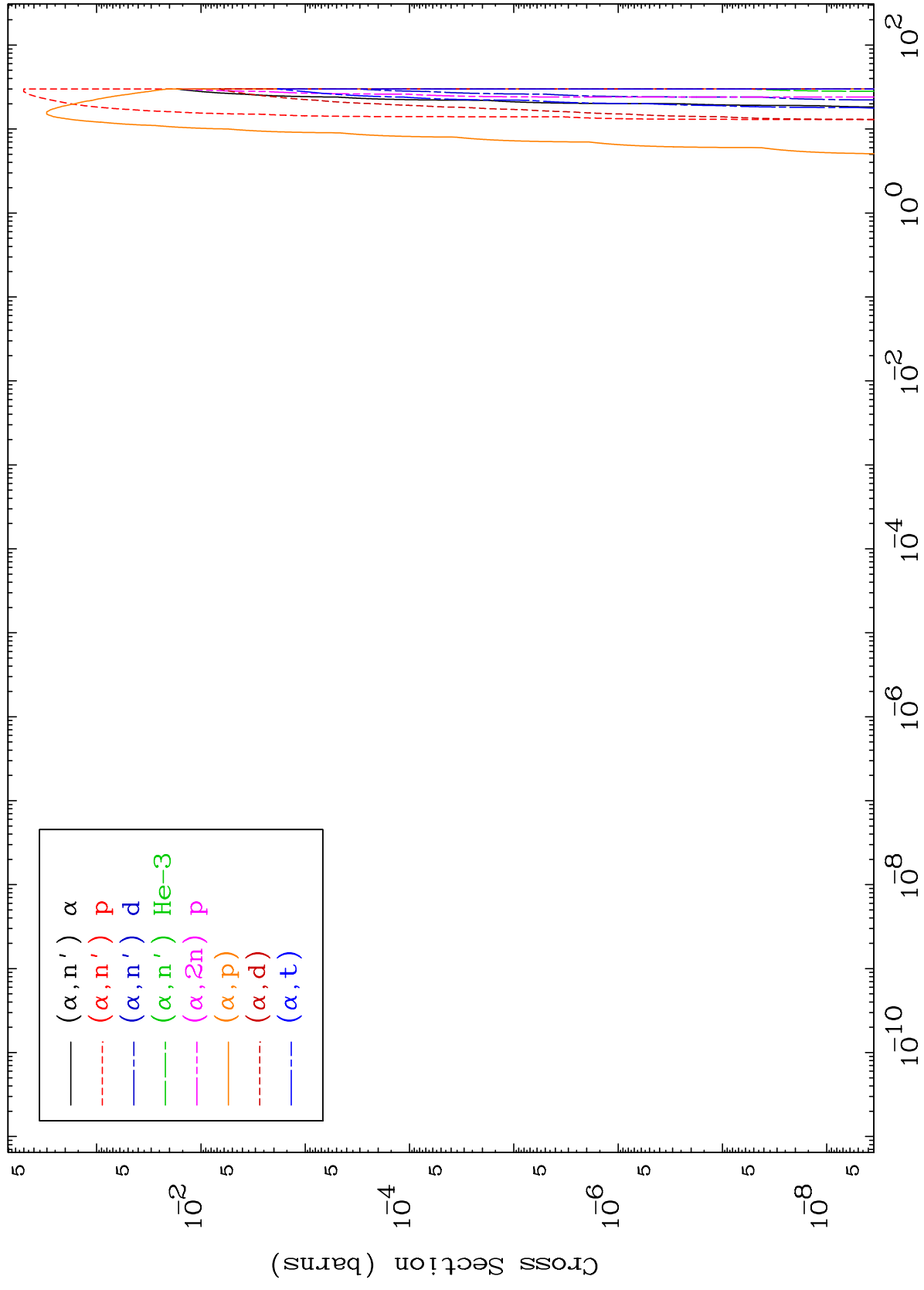


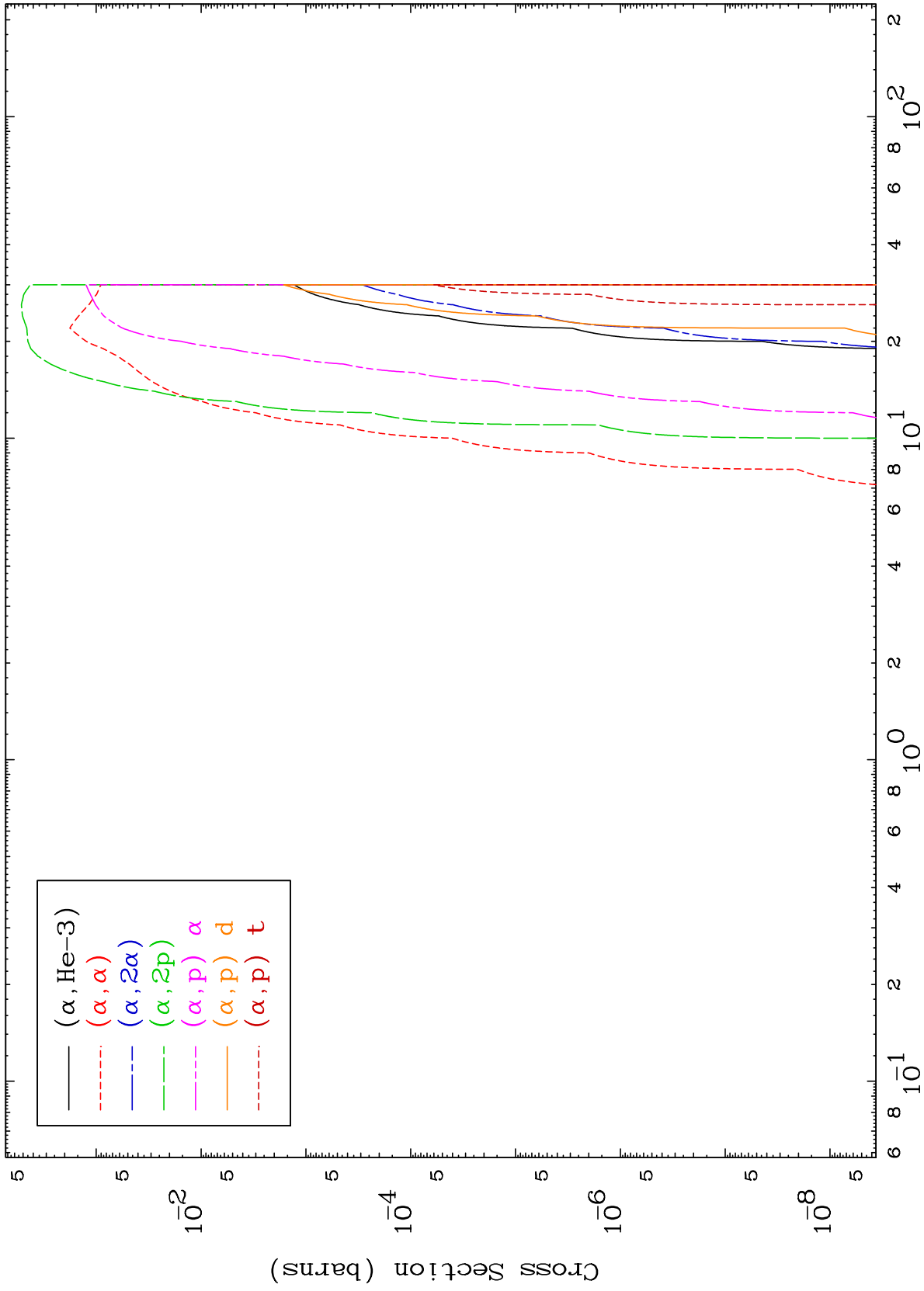
1

Incident Energy (MeV)

39-Y -83



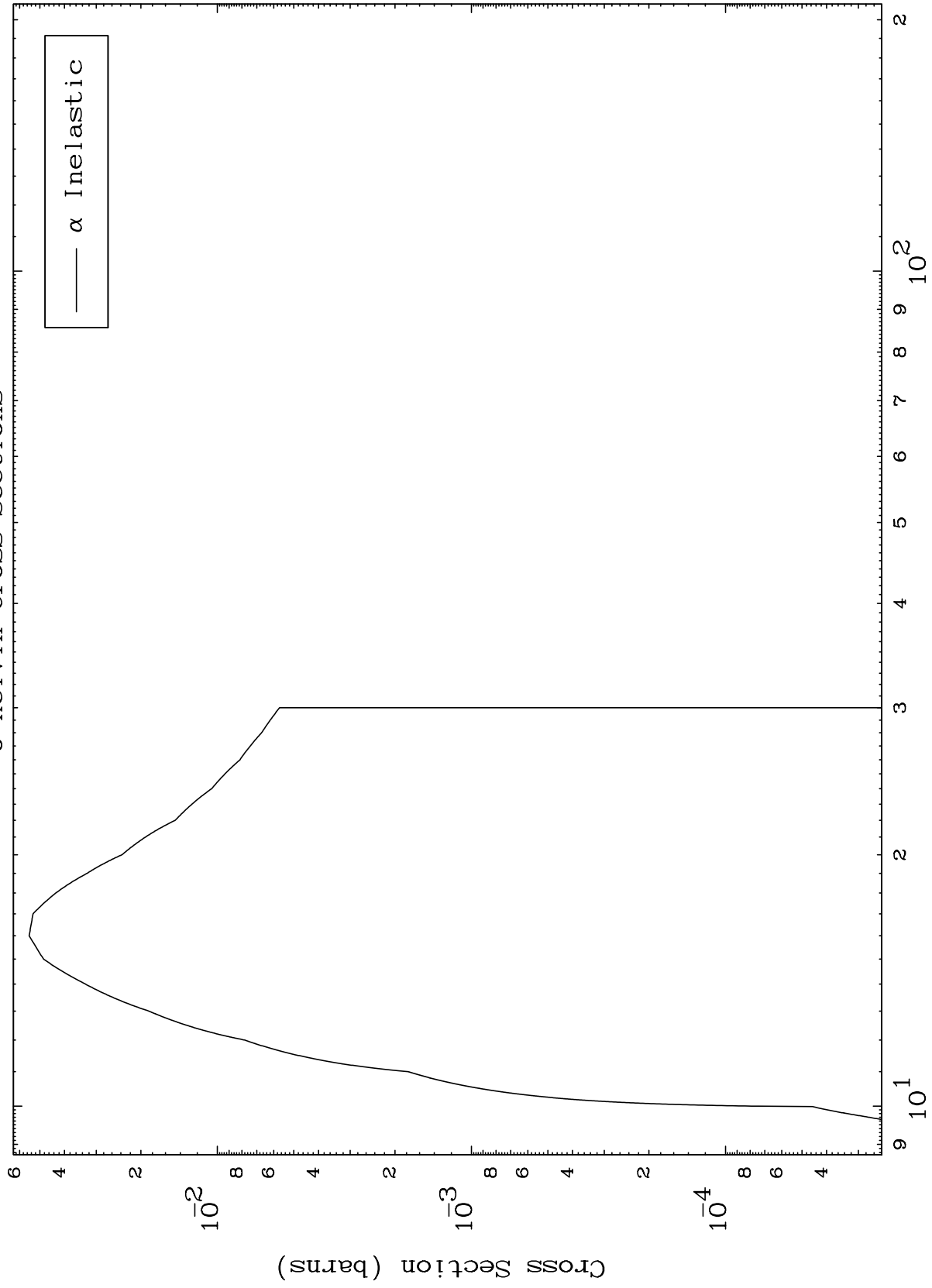




MAT 3907

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

39-Y -83



5

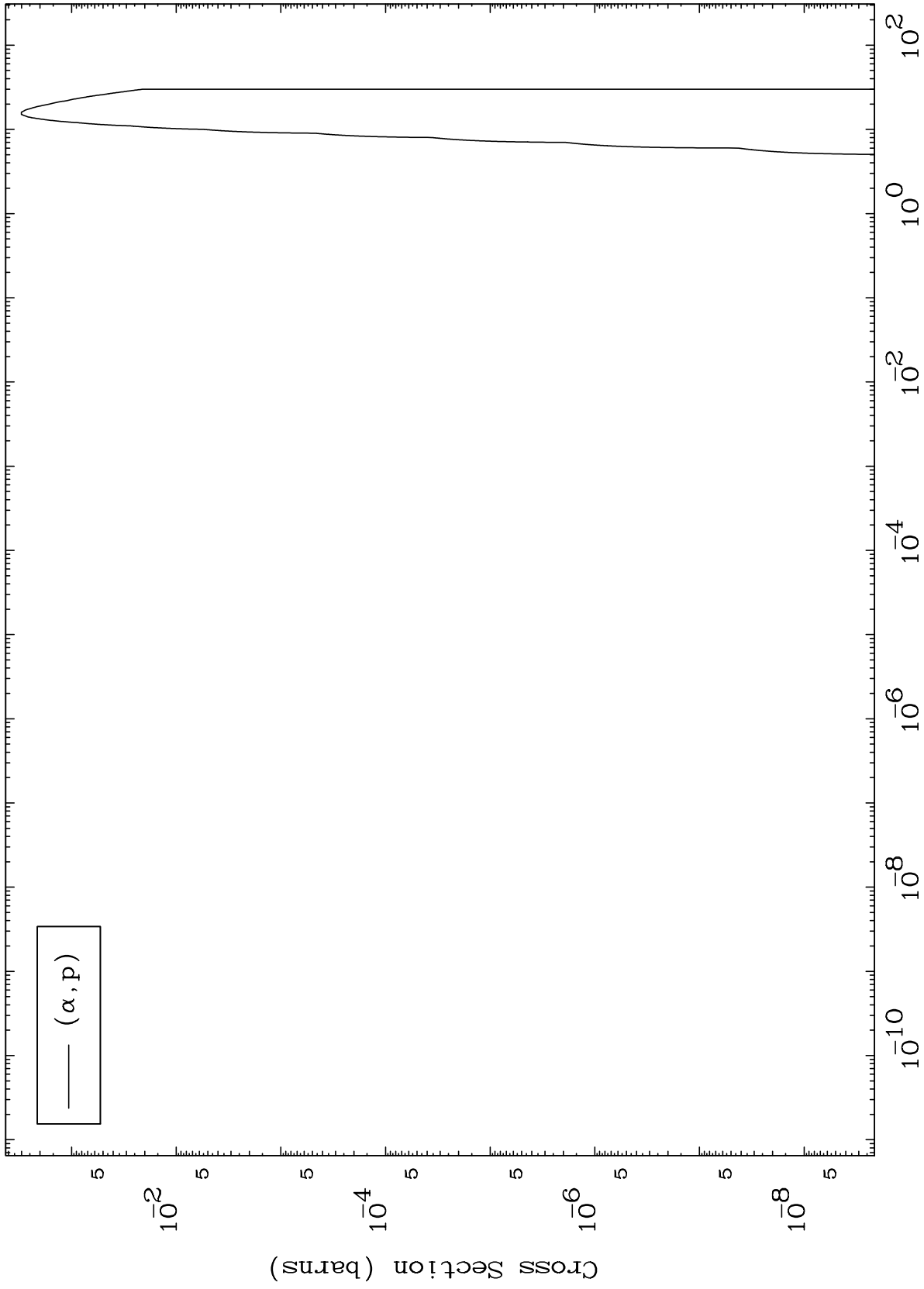
Incident Energy (MeV)

39-Y -83

MAT 3907

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

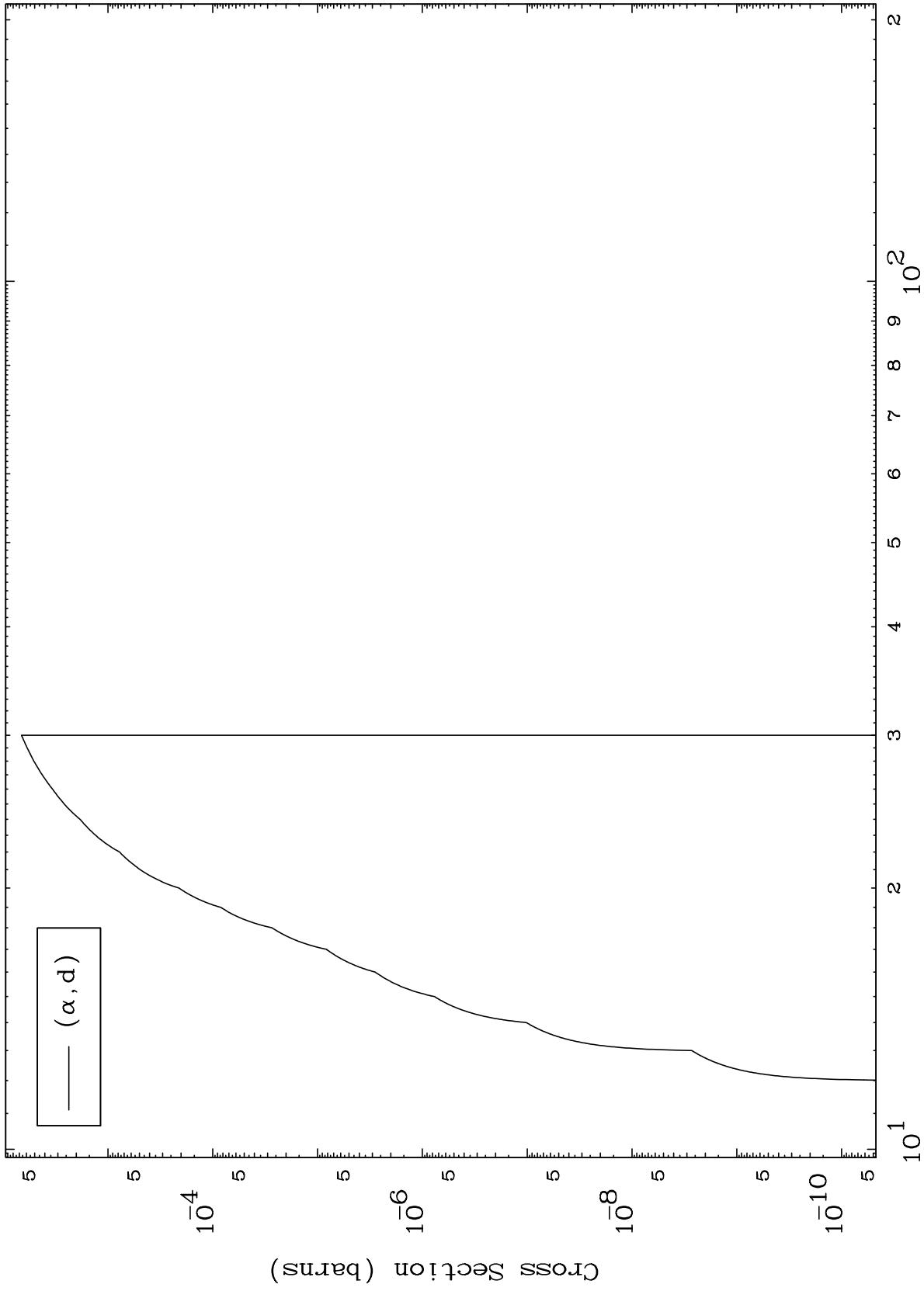
39-Y -83



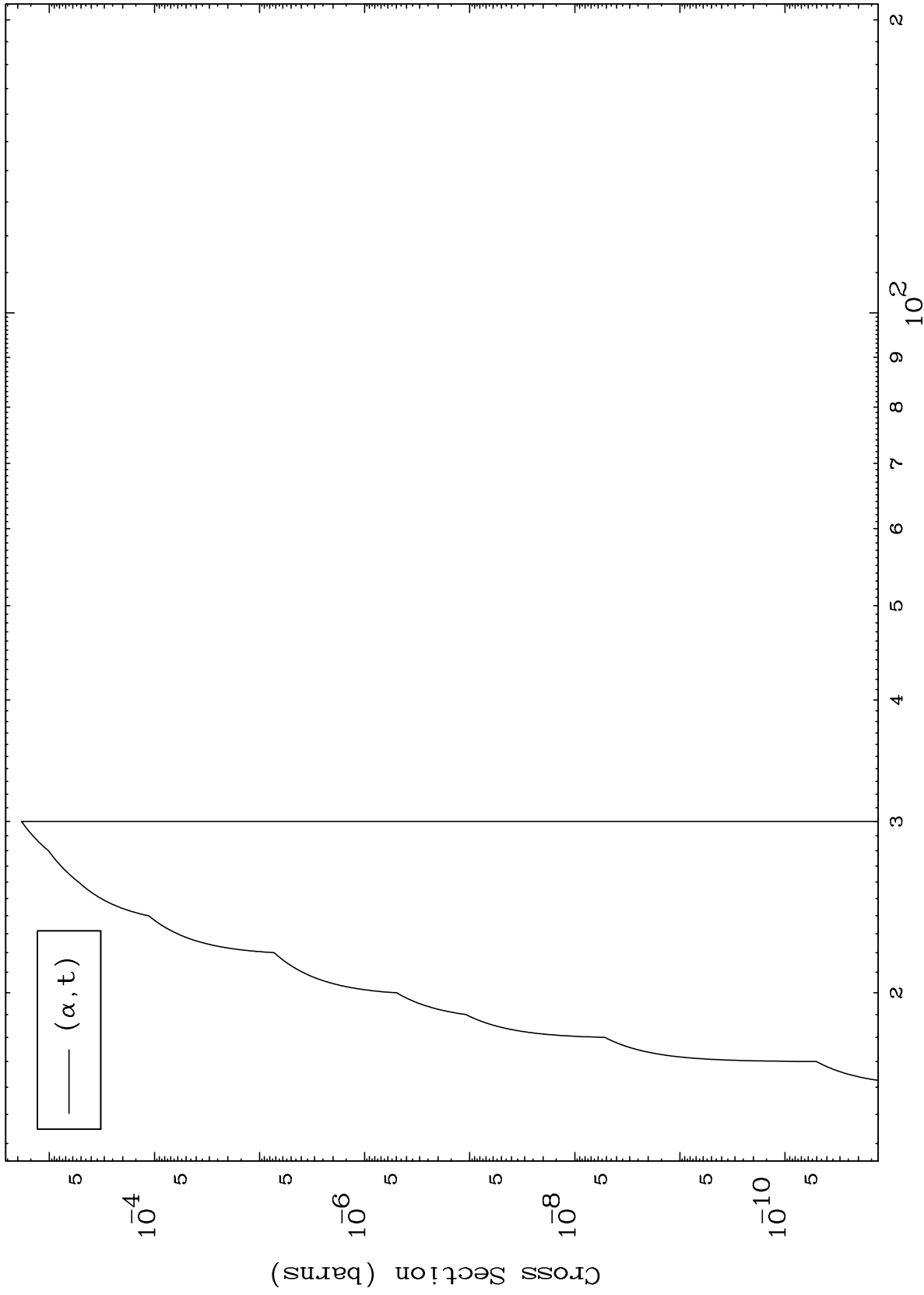
6

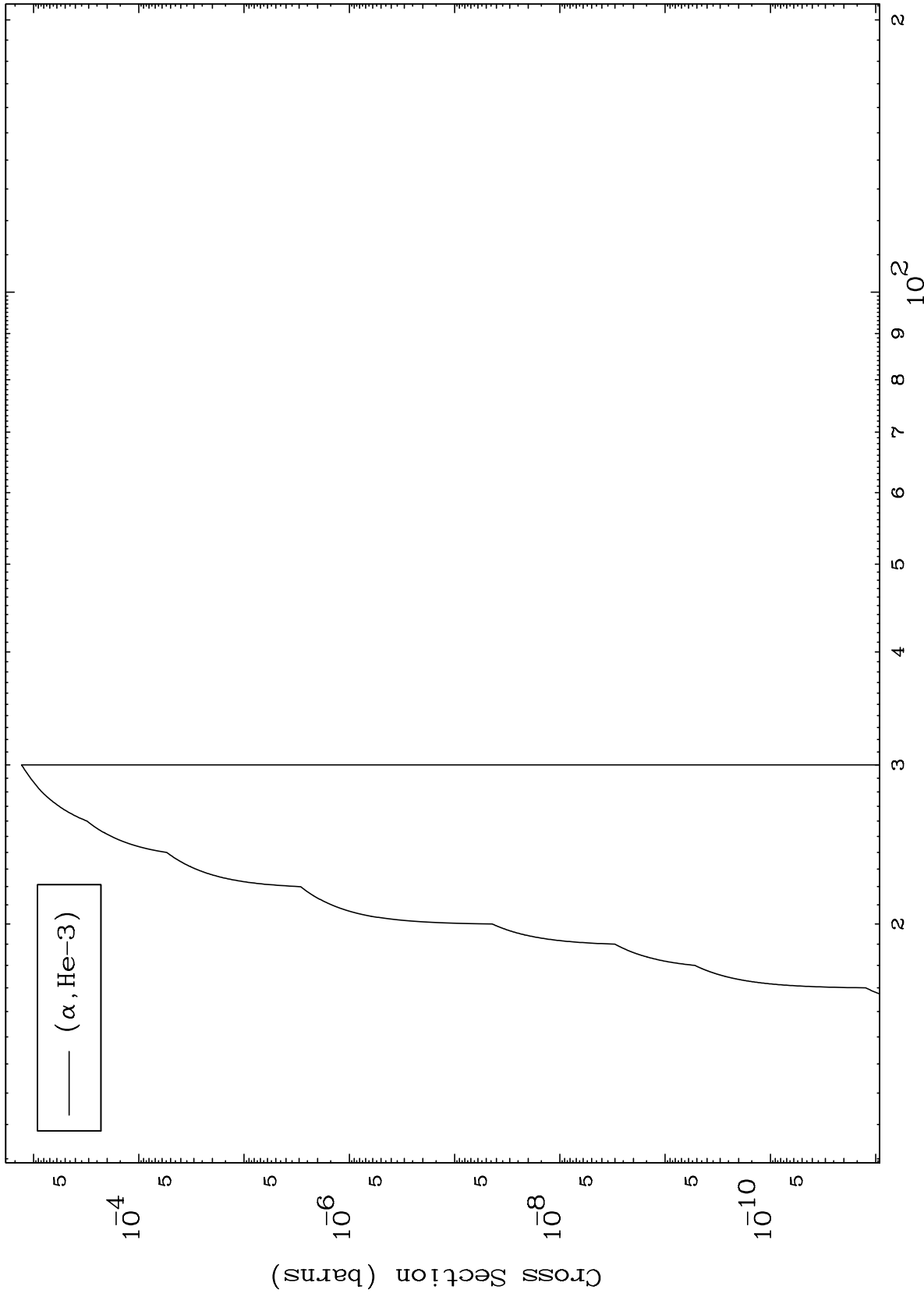
Incident Energy (MeV)

39-Y -83





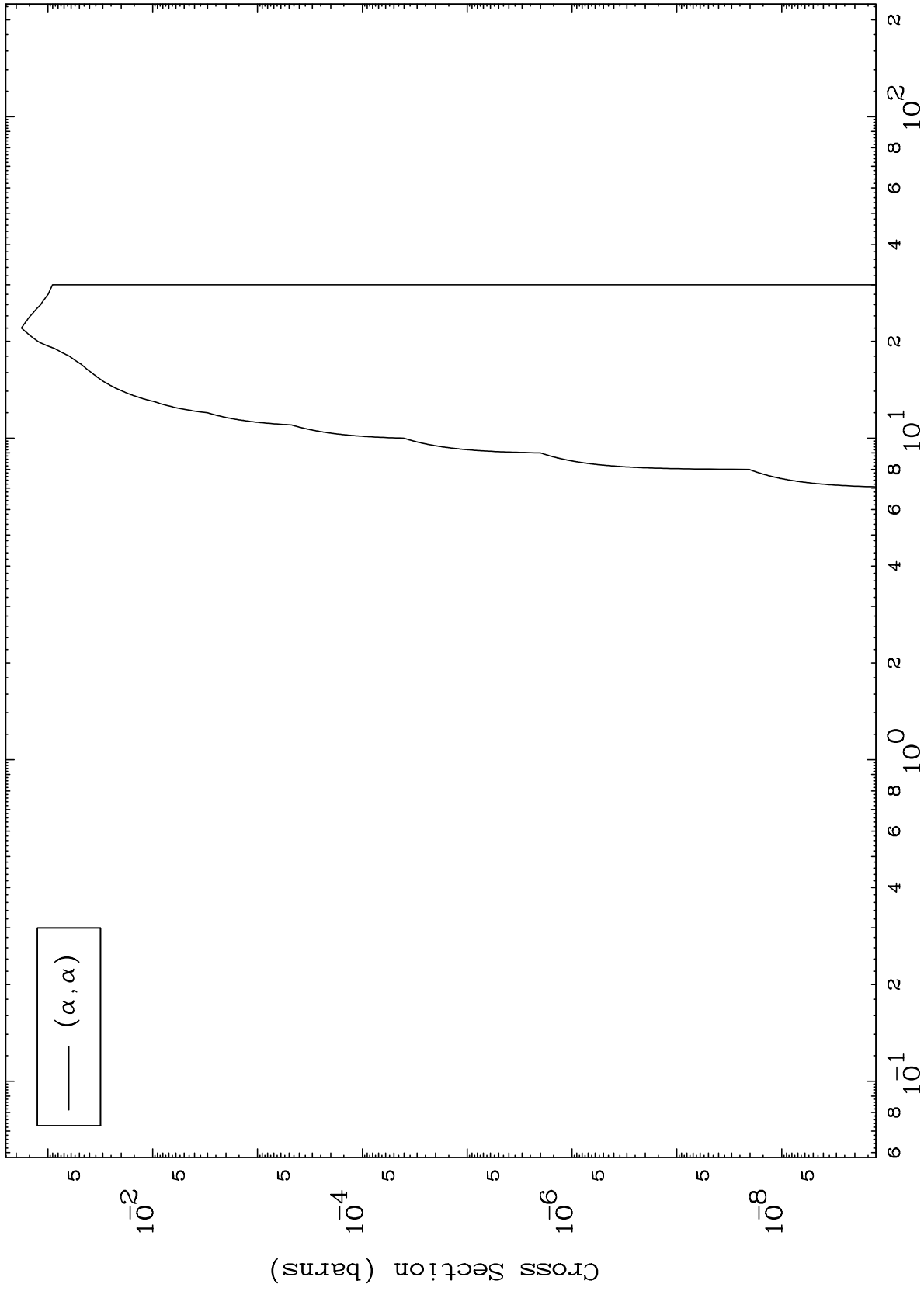




MAT 3907

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

39-Y -83



10

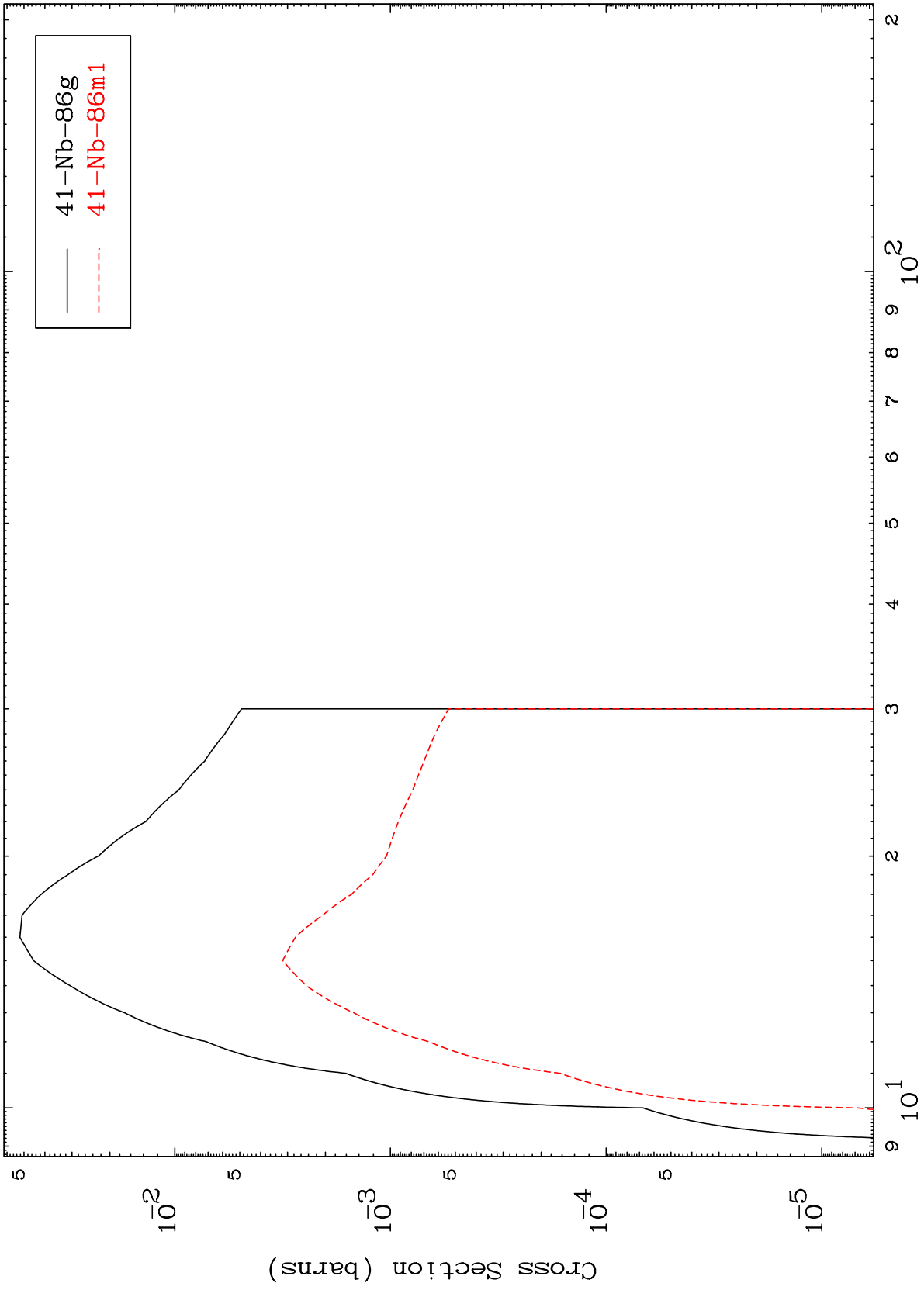
Incident Energy (MeV)

39-Y -83

MAT 3907

39-Y -83

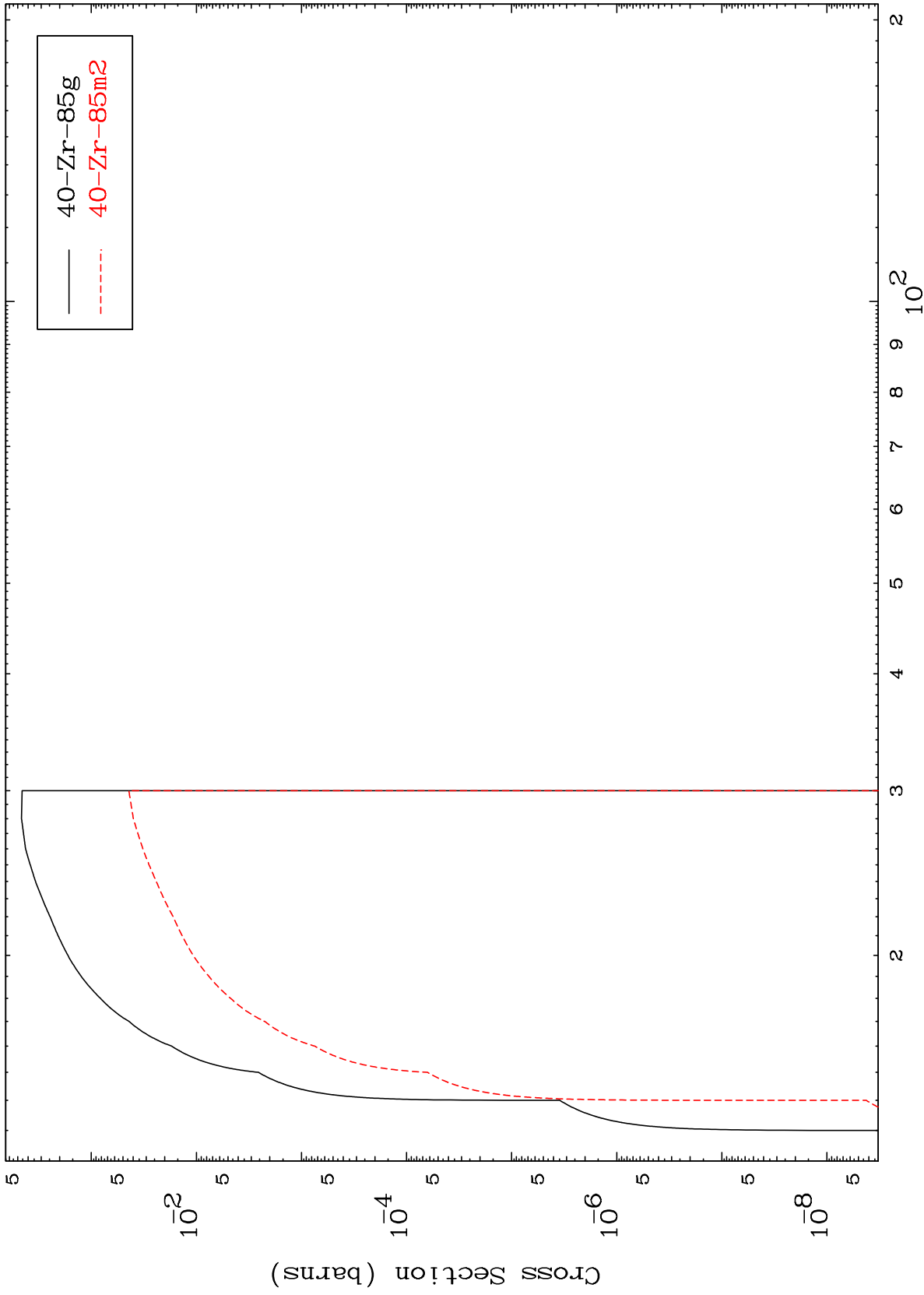
$\alpha$  Inelastic  
Radionuclide Production Cross Section



11

39-Y -83

Radionuclide Production Cross Section

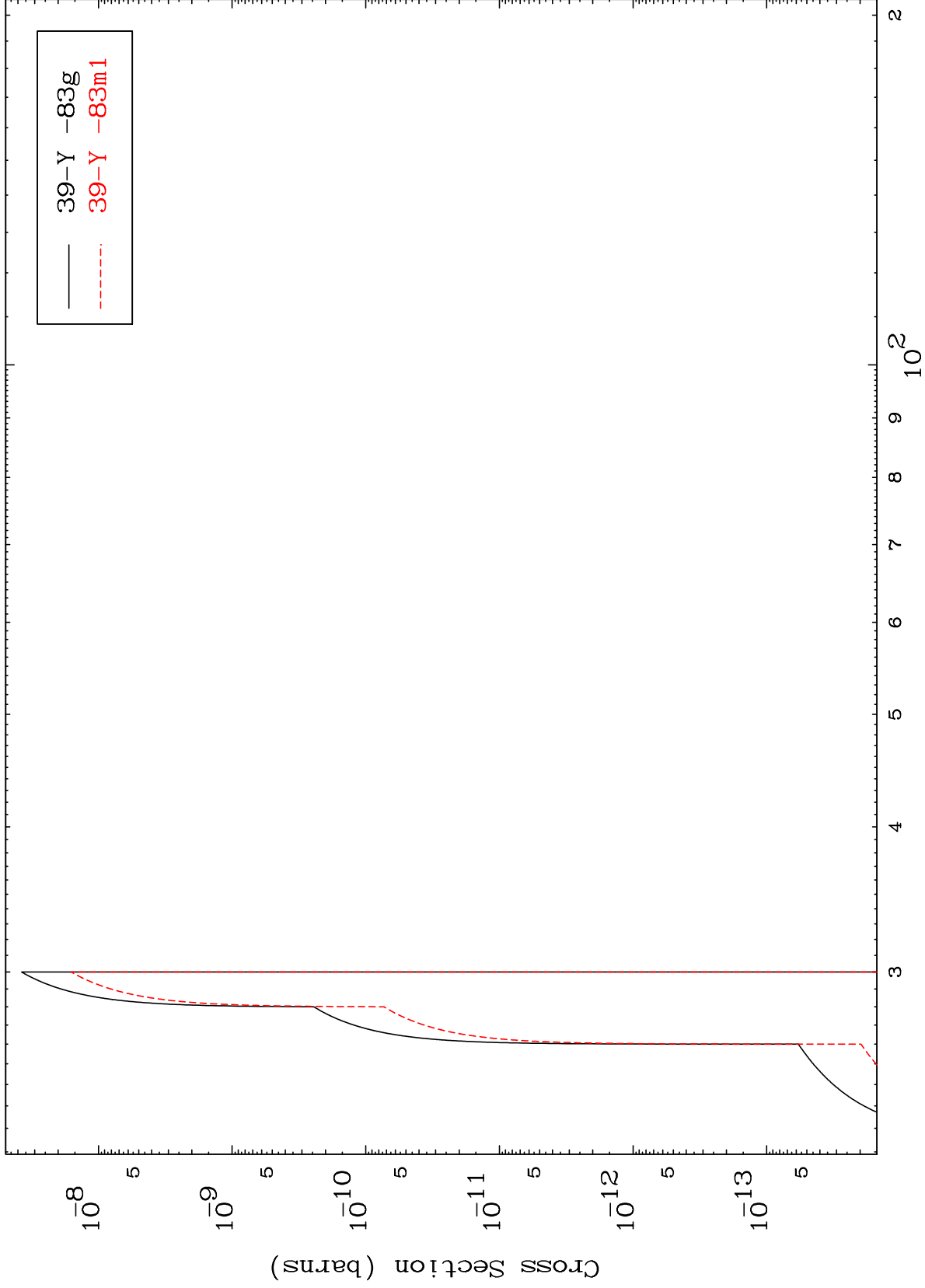


MAT 3907

( $\alpha, n'$ ) He-3

39-Y -83

Radionuclide Production Cross Section



13

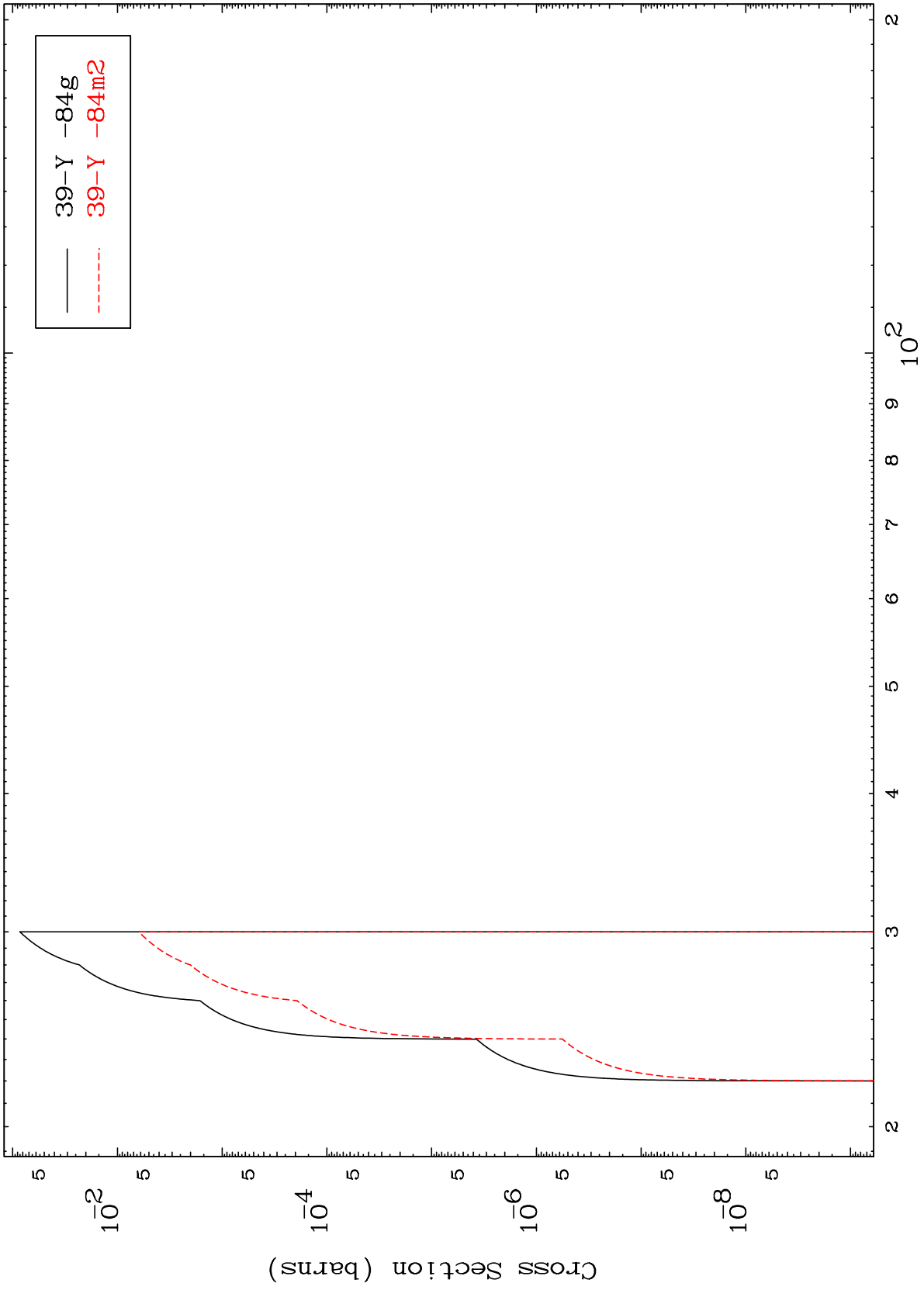
Incident Energy (MeV)

39-Y -83

MAT 3907

39-Y -83

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



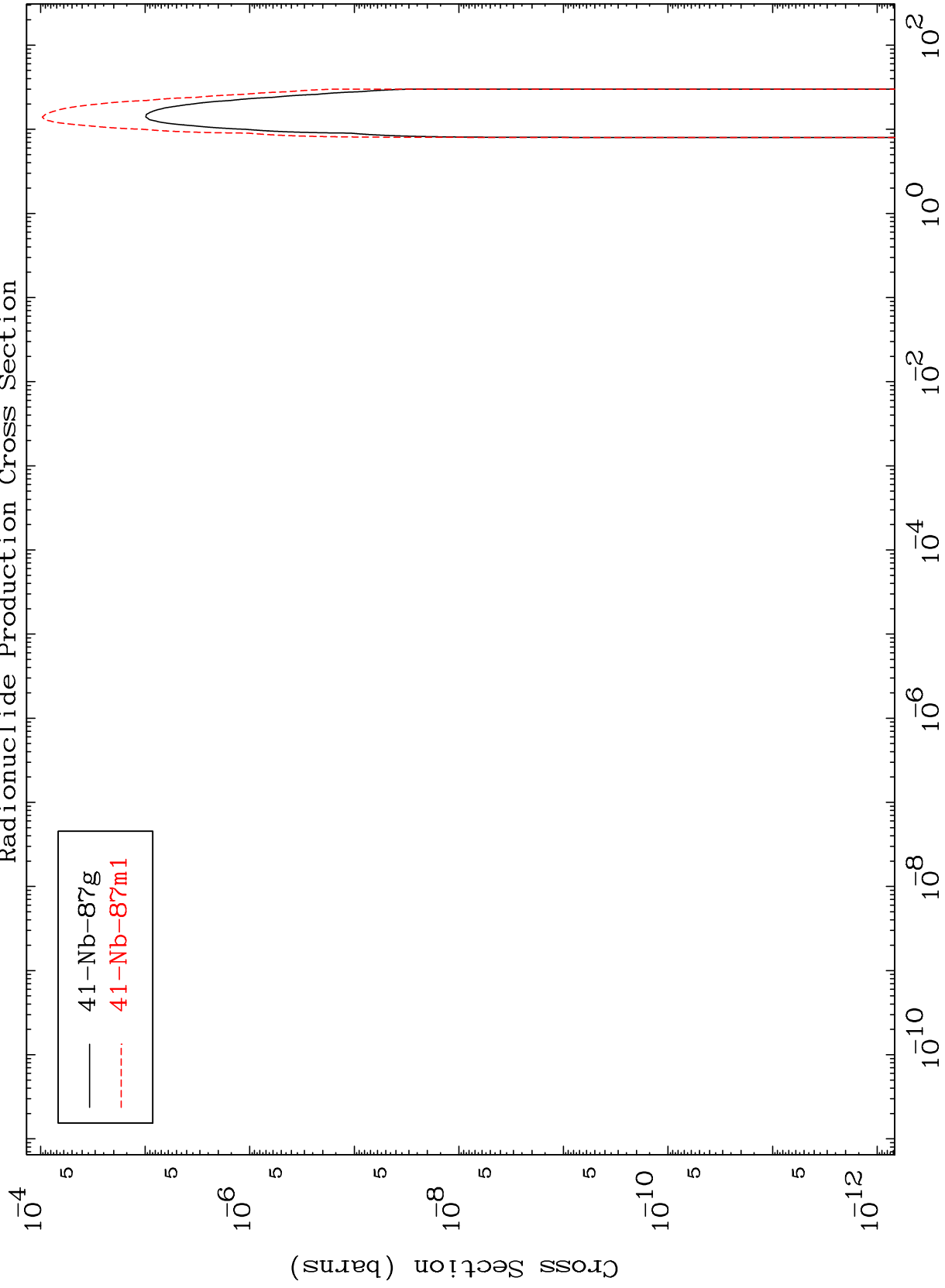
14

39-Y -83

MAT 3907

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

39-Y -83



15

Incident Energy (MeV)

39-Y -83

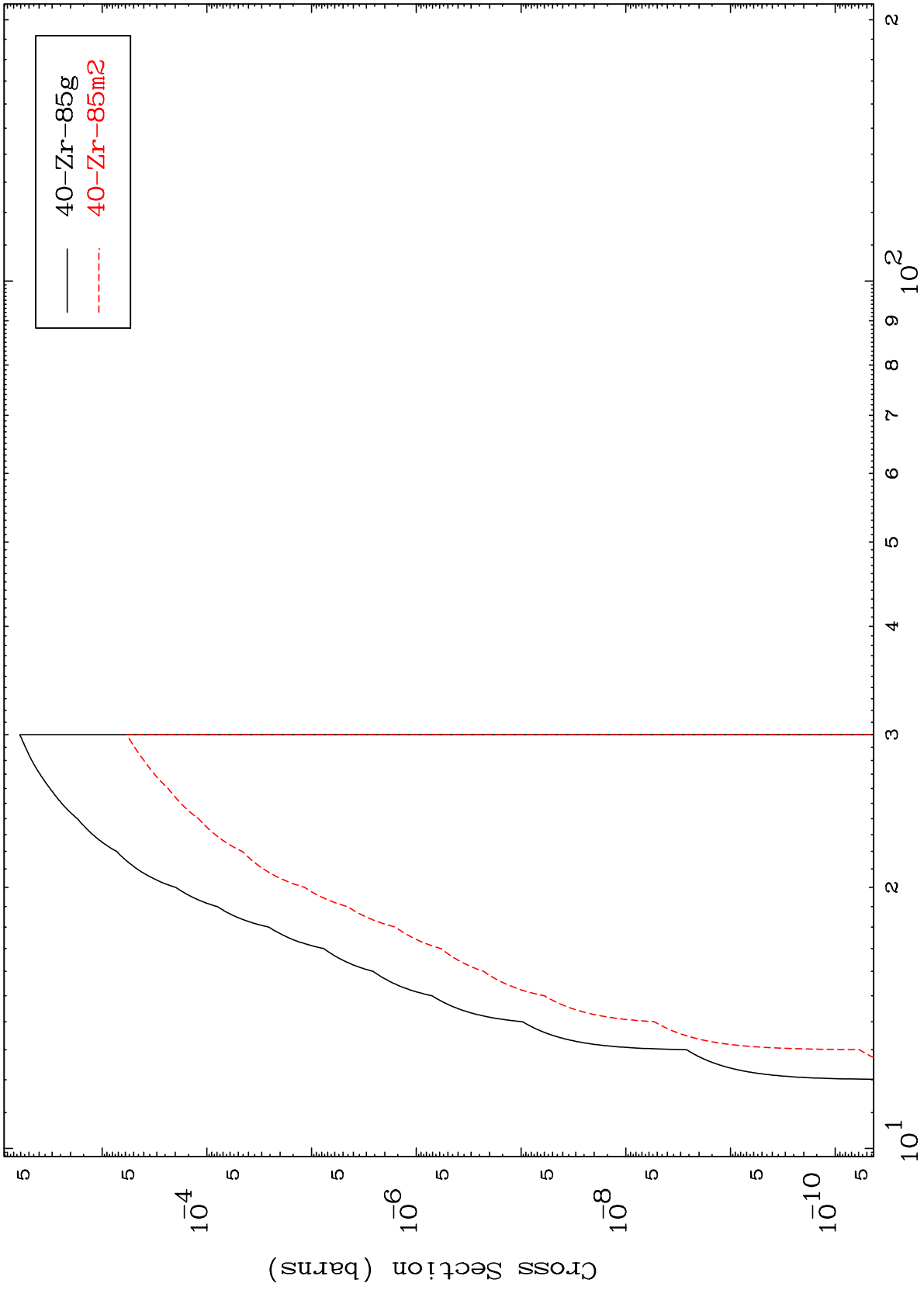


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( $\alpha, d$ )

39-Y -83

Radionuclide Production Cross Section



Incident Energy (MeV)

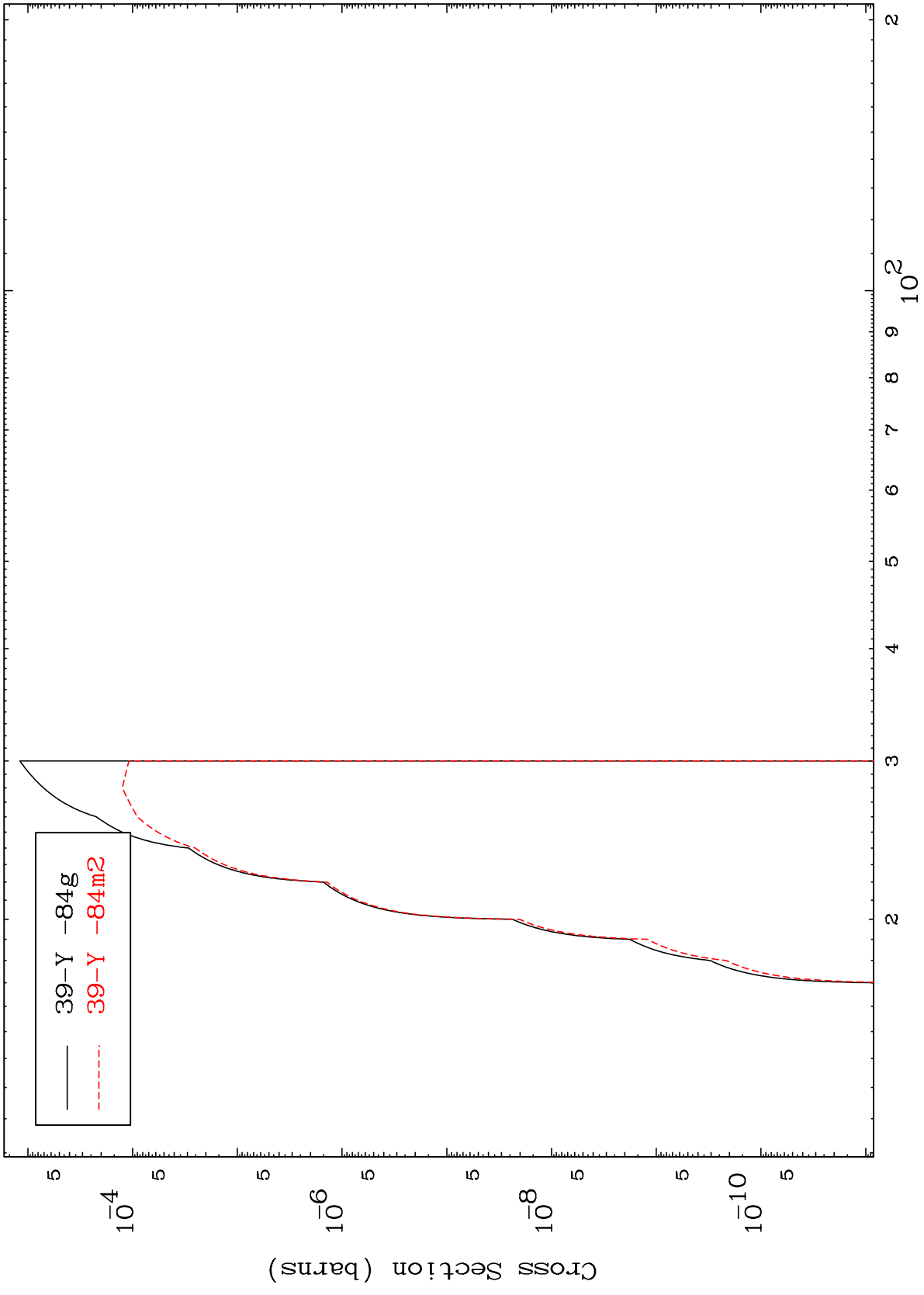
39-Y -83

MAT 3907

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

39-Y -83

Radionuclide Production Cross Section



17

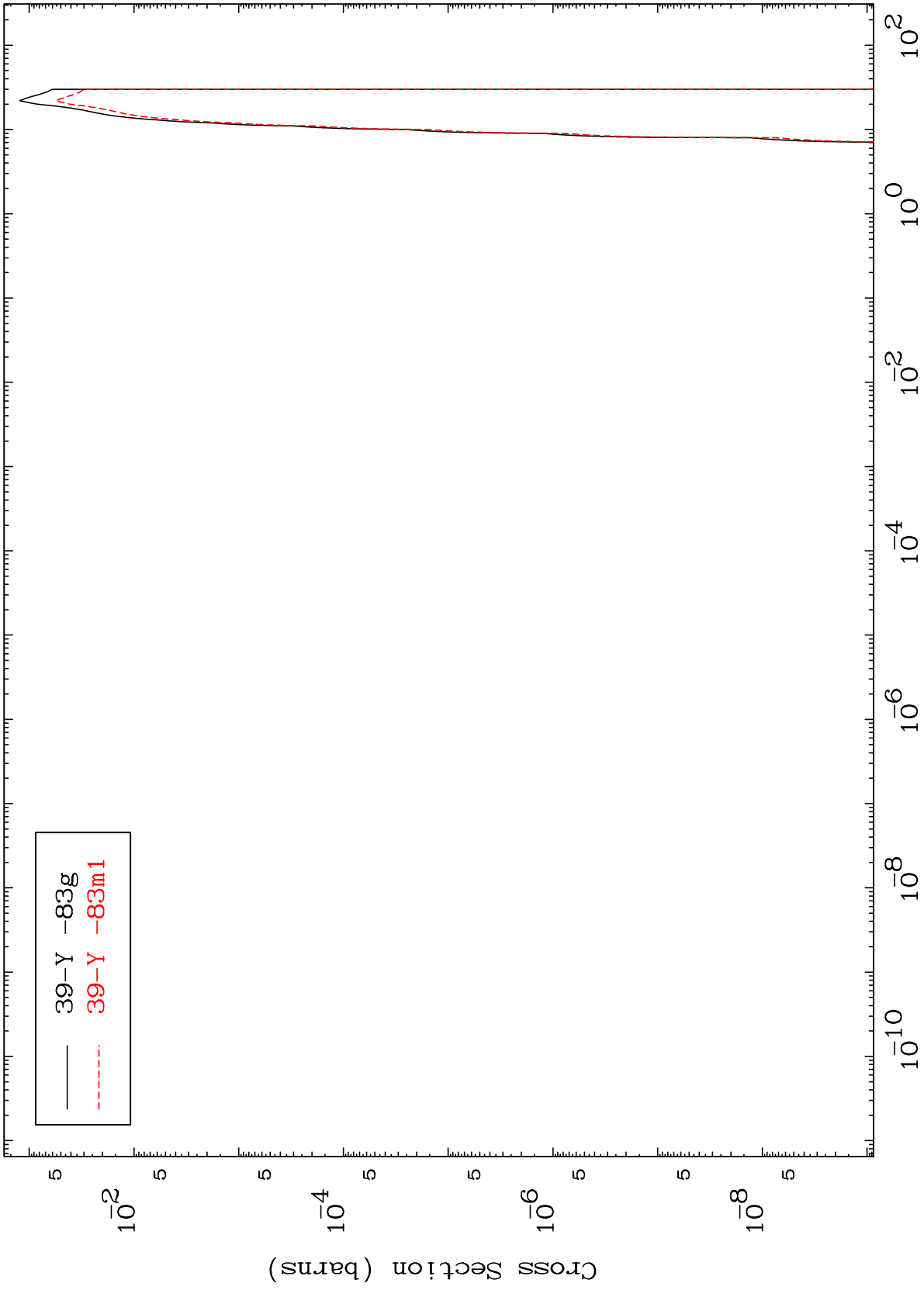
Incident Energy (MeV)

39-Y -83

MAT 3907

39-Y -83

Radionuclide Production Cross Section



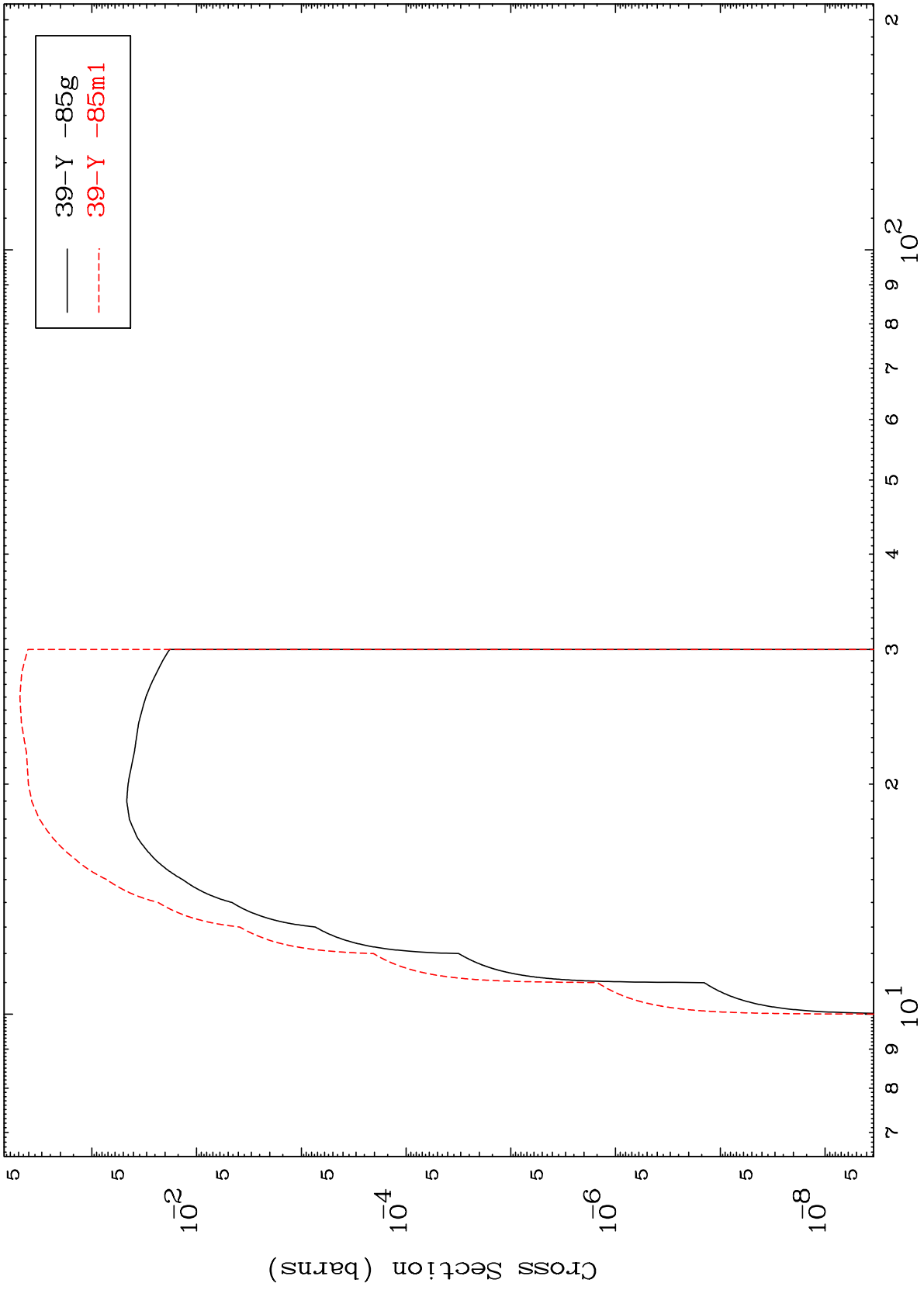
18

39-Y -83

MAT 3907

39-Y -83

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



19

Incident Energy (MeV)

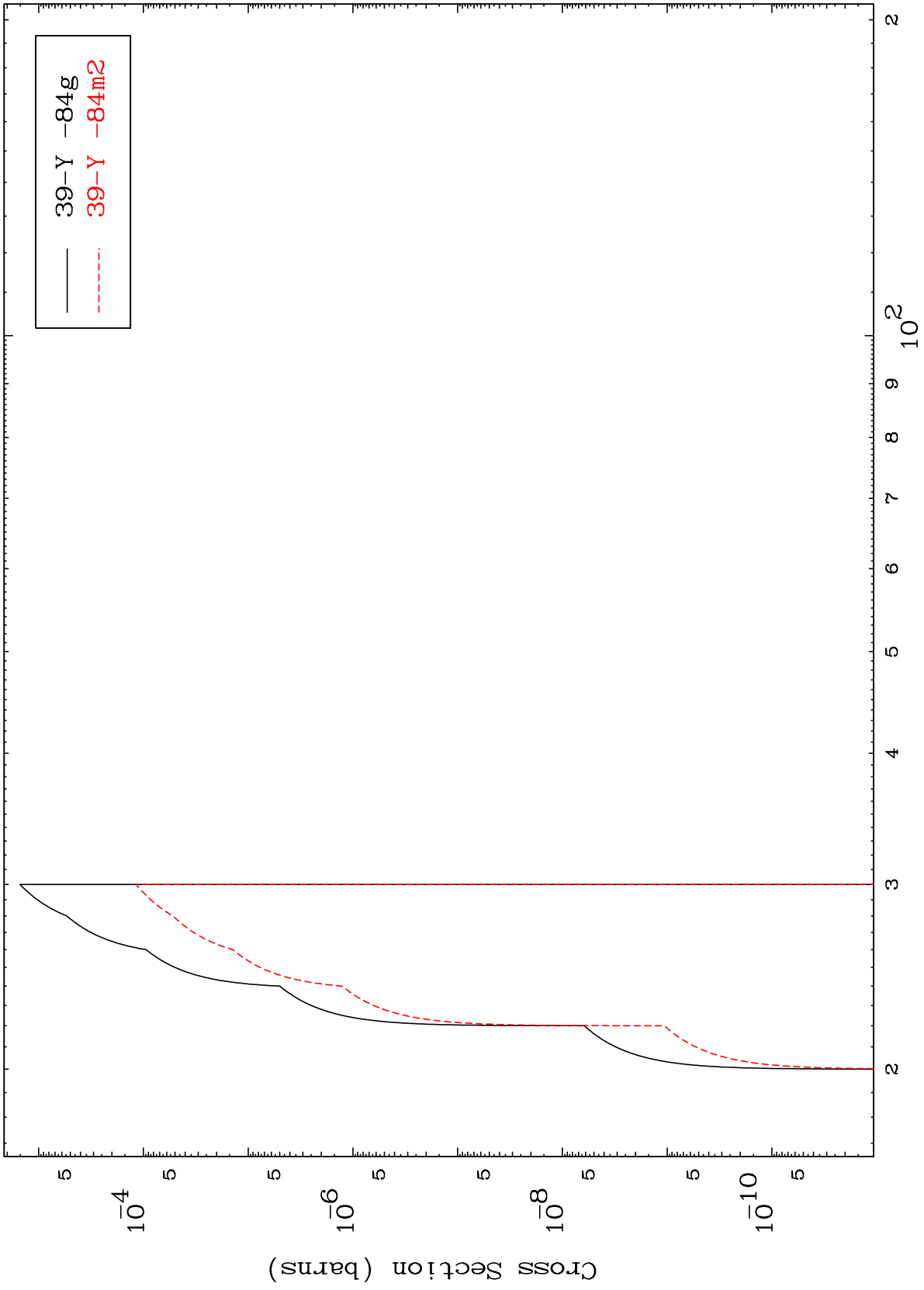
39-Y -83

MAT 3907

( $\alpha, p$ ) d

39-Y -83

Radionuclide Production Cross Section



20

Incident Energy (MeV)

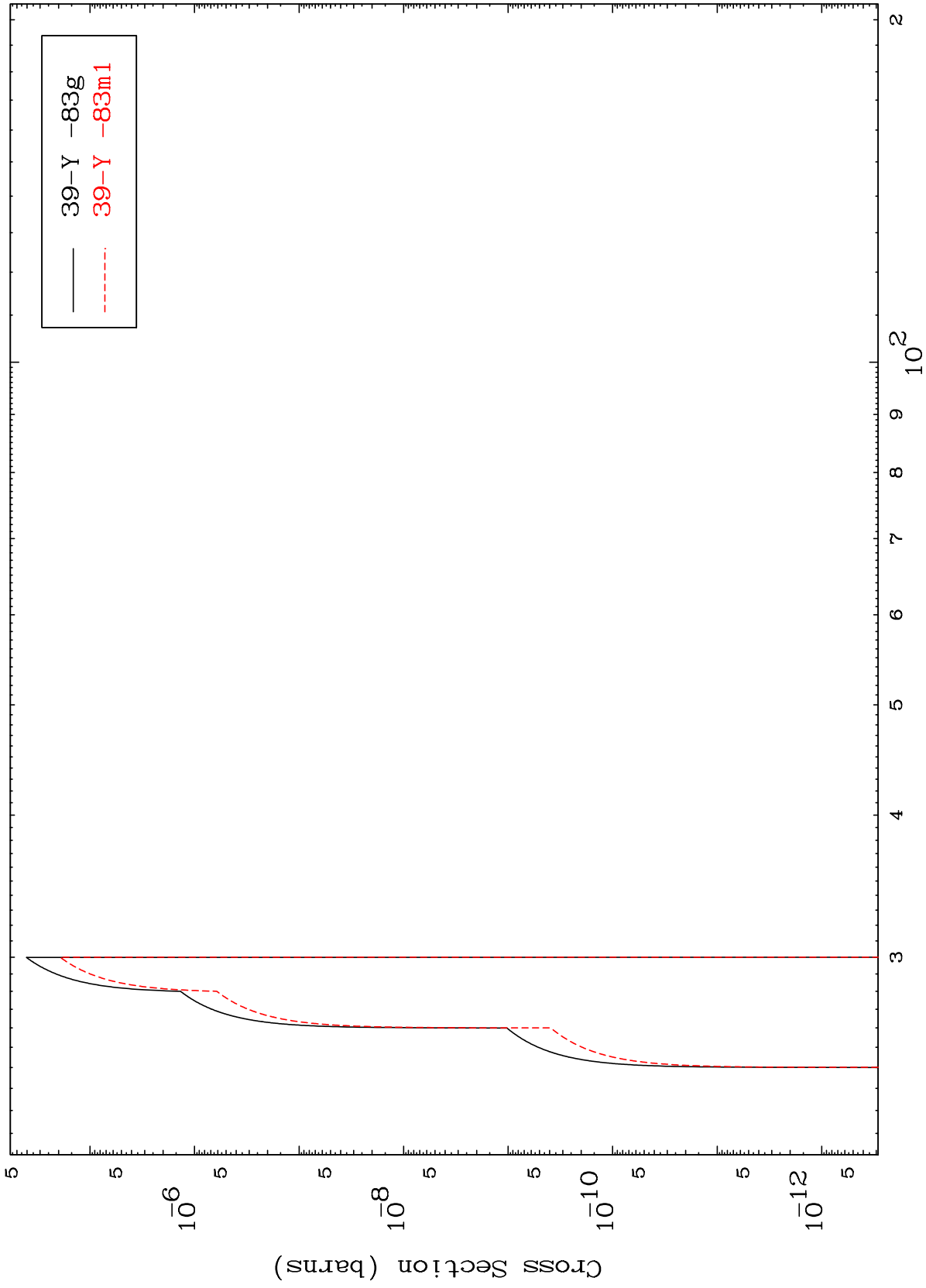
39-Y -83

MAT 3907

( $\alpha, p$ ) t

39-Y -83

Radionuclide Production Cross Section



21

Incident Energy (MeV)

39-Y -83