

Program EVALPLOT  
(Version 2018-1)

by

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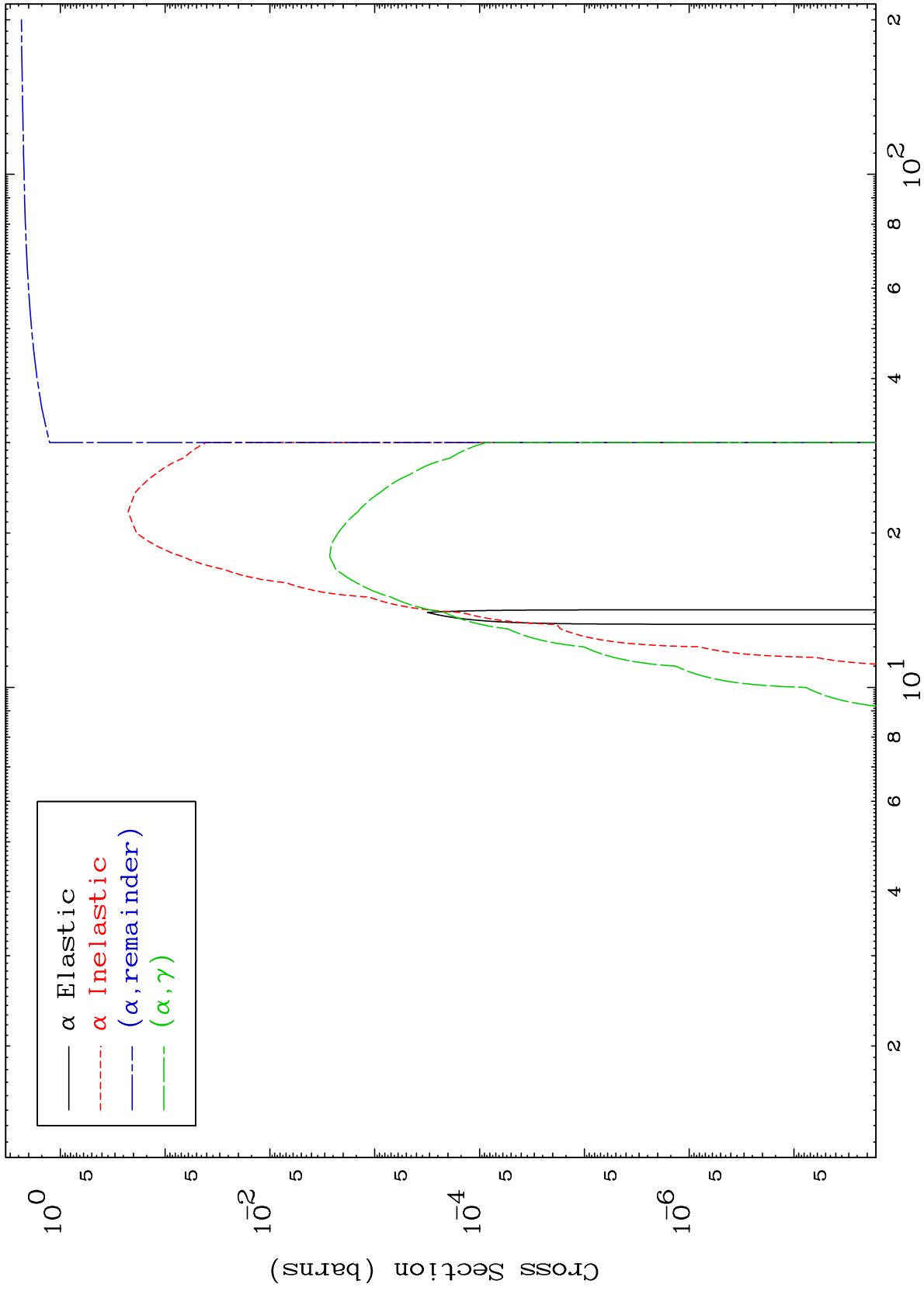
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6211

0 Kelvin  $\alpha$  Major

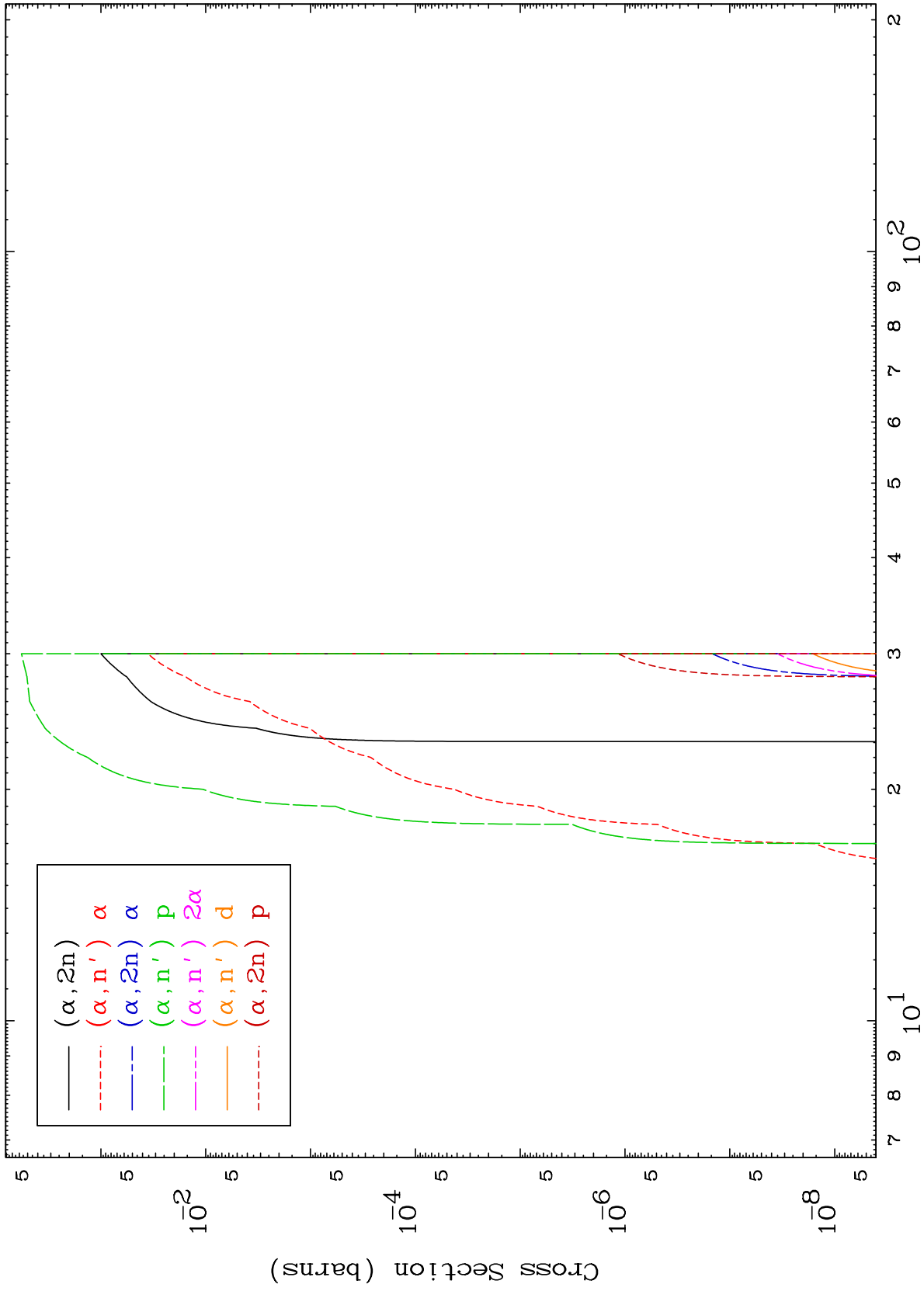
62-Sm-139



MAT 6211

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

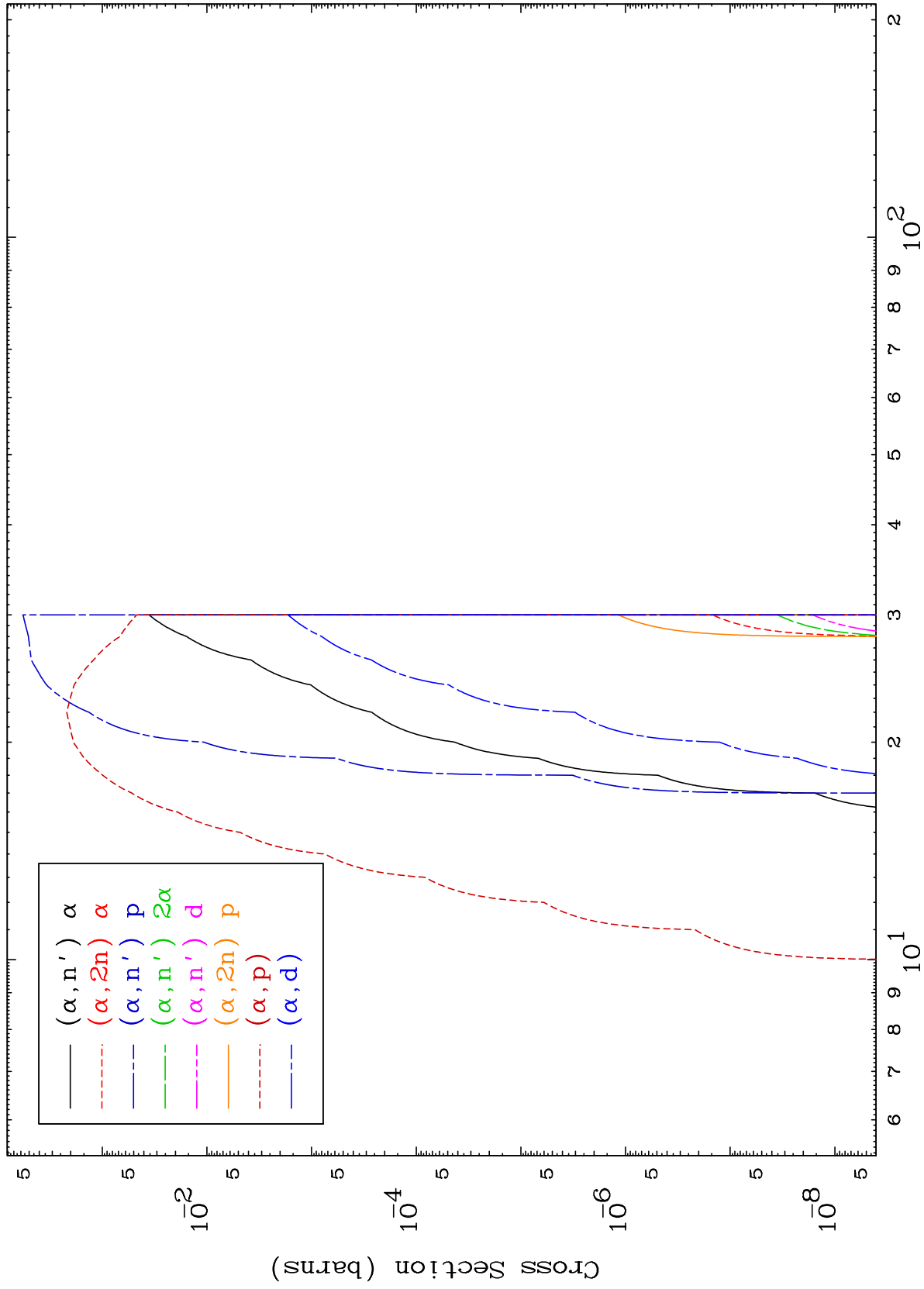
62-Sm-139



2

Incident Energy (MeV)

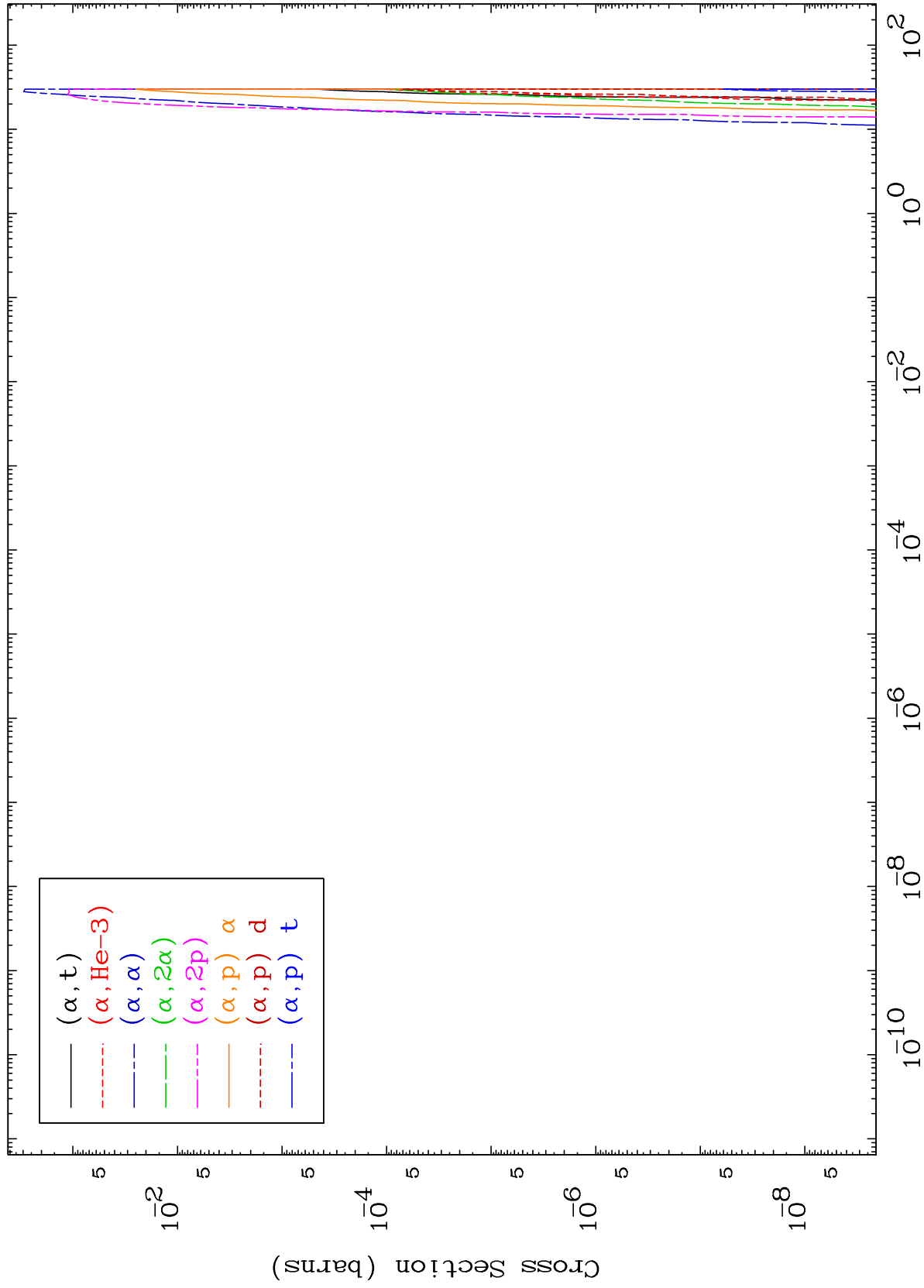
62-Sm-139



MAT 6211

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

62-Sm-139

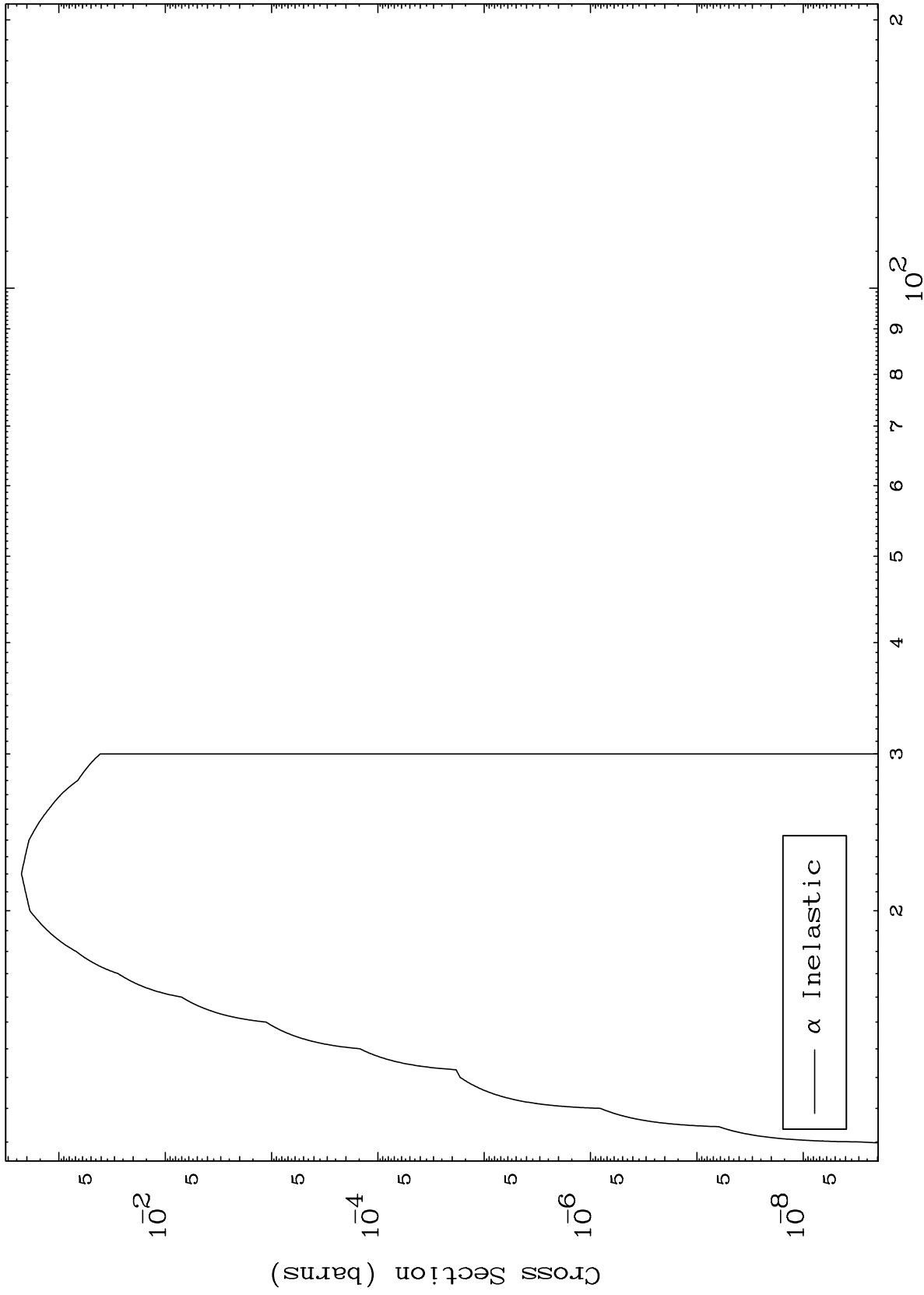


62-Sm-139

MAT 6211

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

62-Sm-139



5

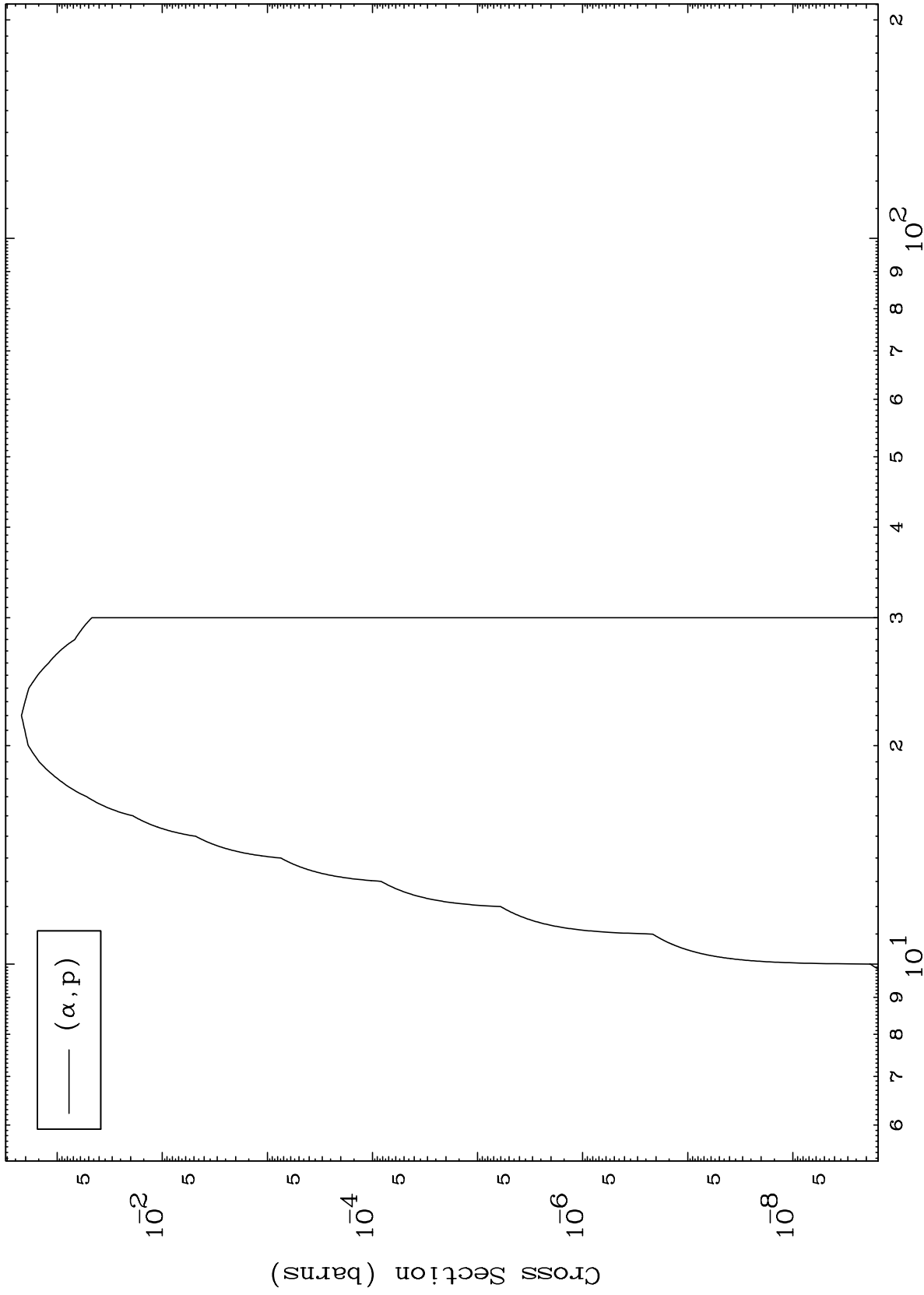
Incident Energy (MeV)

62-Sm-139

MAT 6211

62-Sm-139

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



6

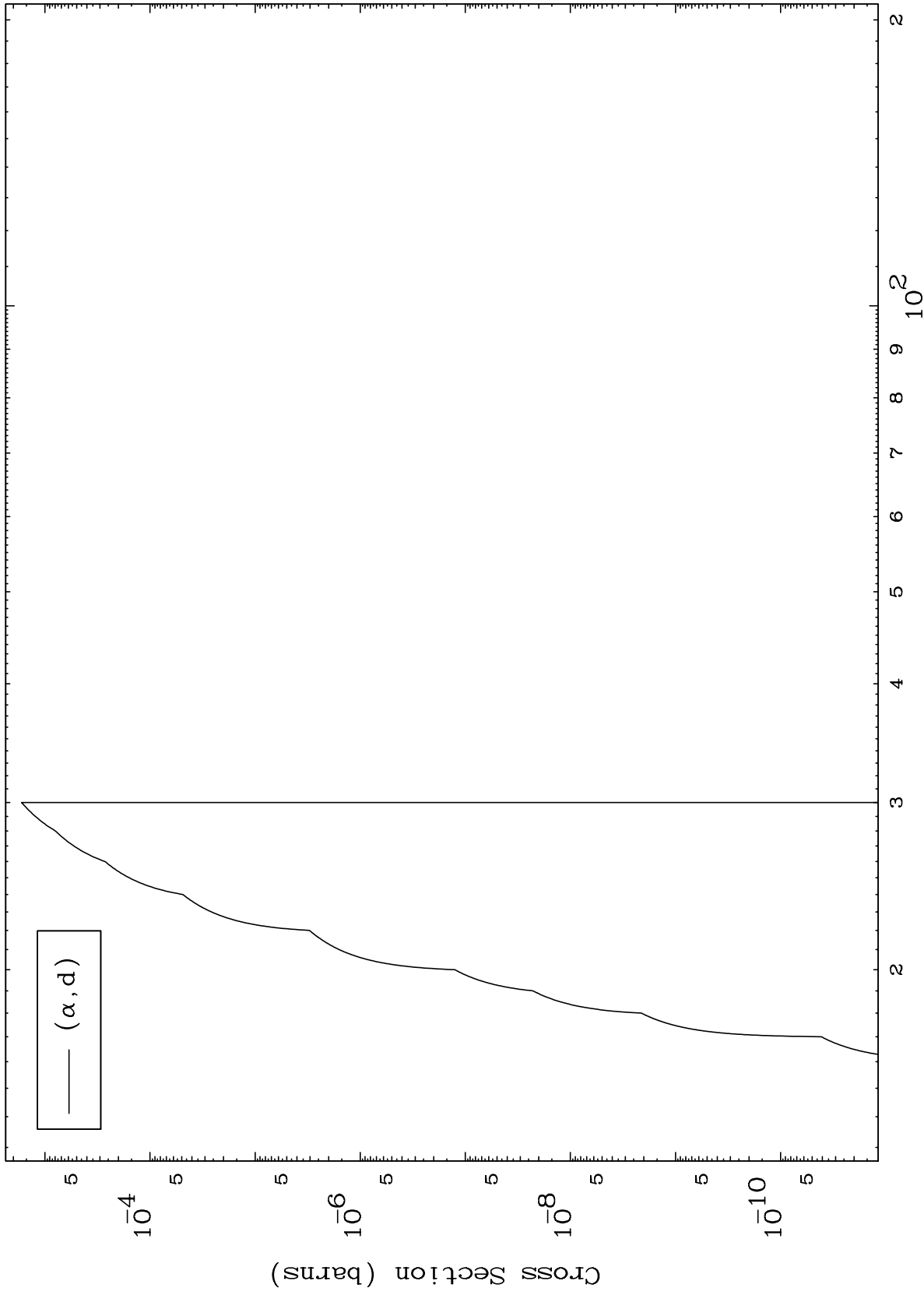
Incident Energy (MeV)

62-Sm-139

MAT 6211

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

62-Sm-139



7

Incident Energy (MeV)

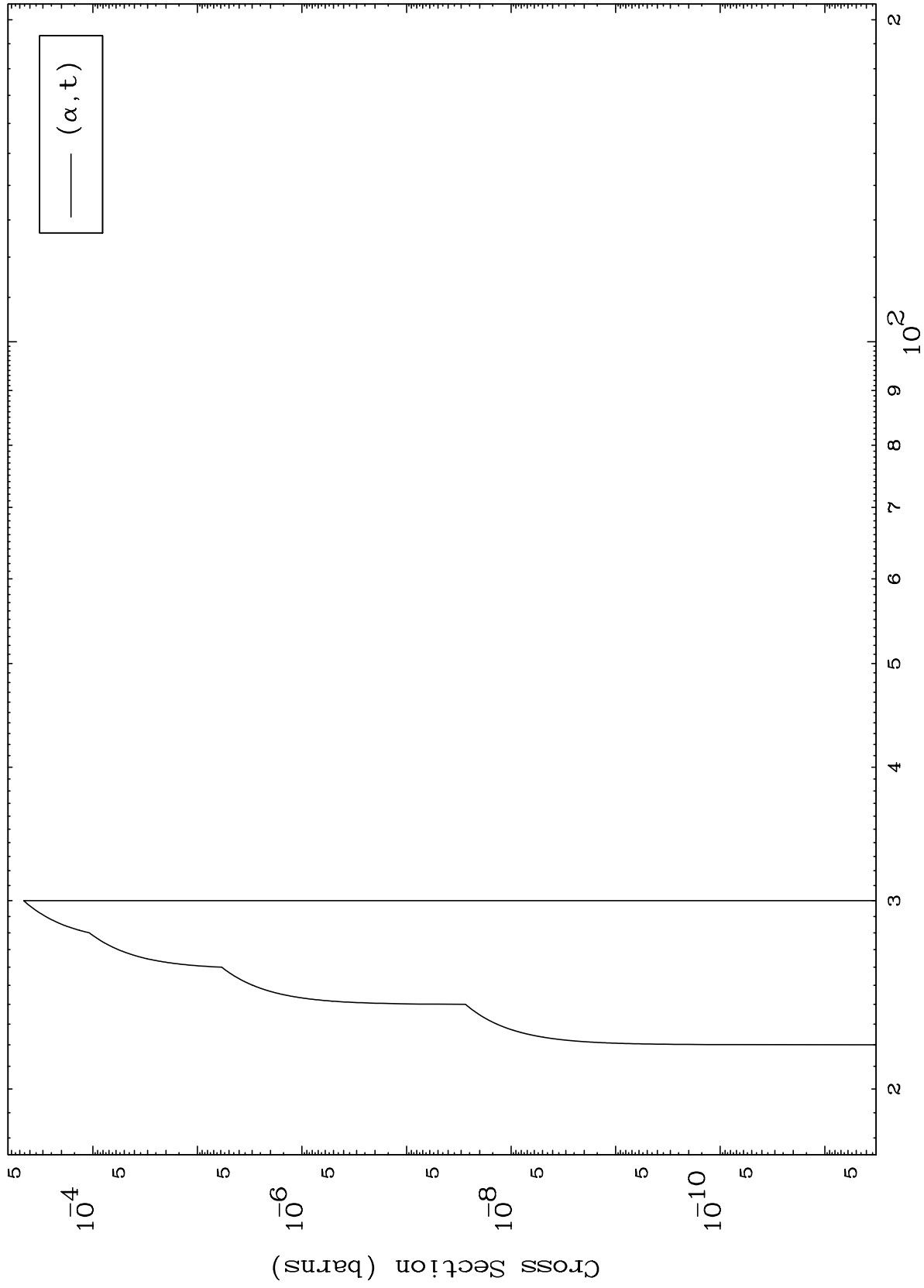
62-Sm-139



MAT 6211

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

62-Sm-139



8

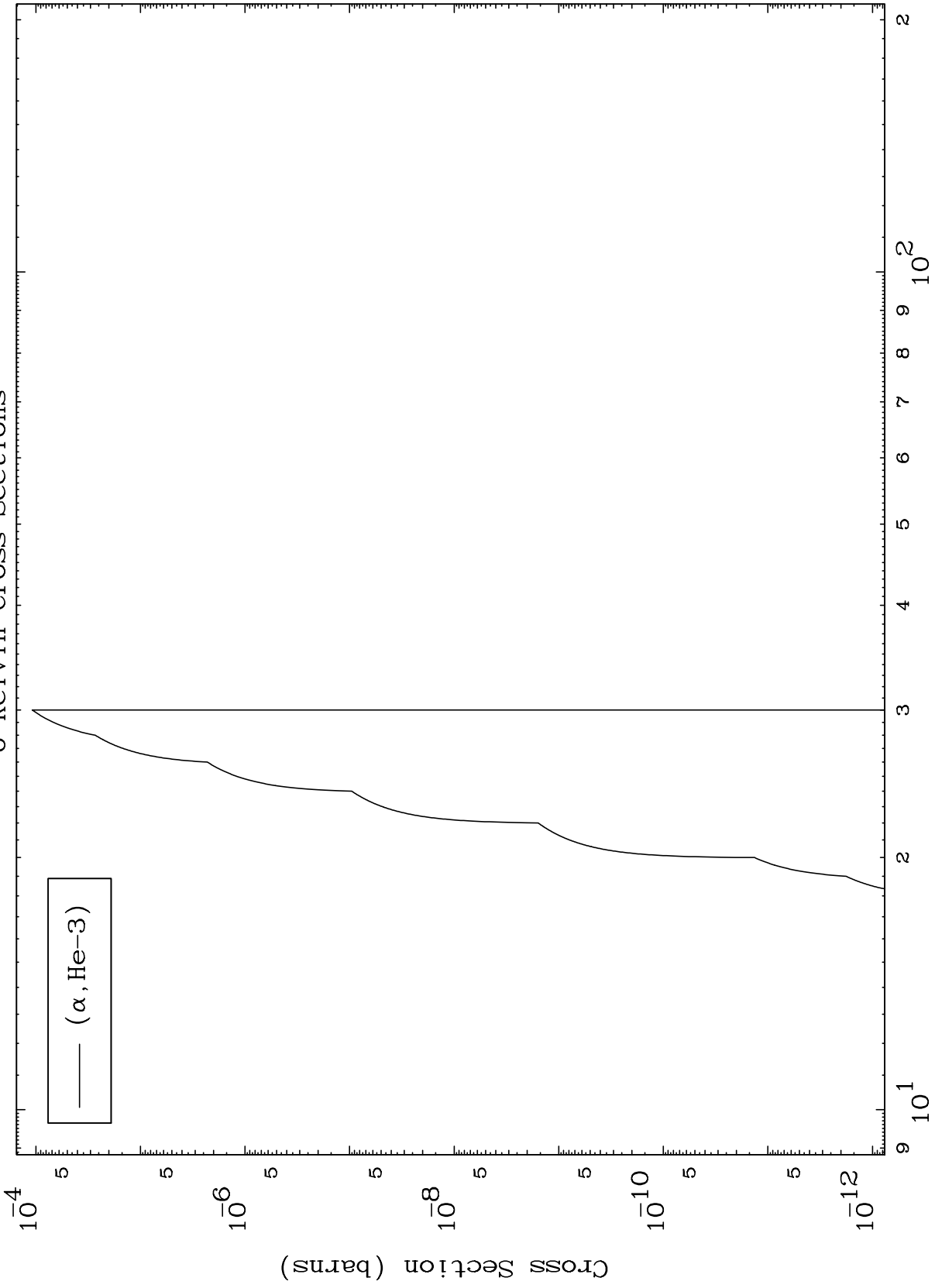
Incident Energy (MeV)

62-Sm-139

MAT 6211

62-Sm-139

( $\alpha, \text{He3}$ ) Levels  
0 Kelvin Cross Sections



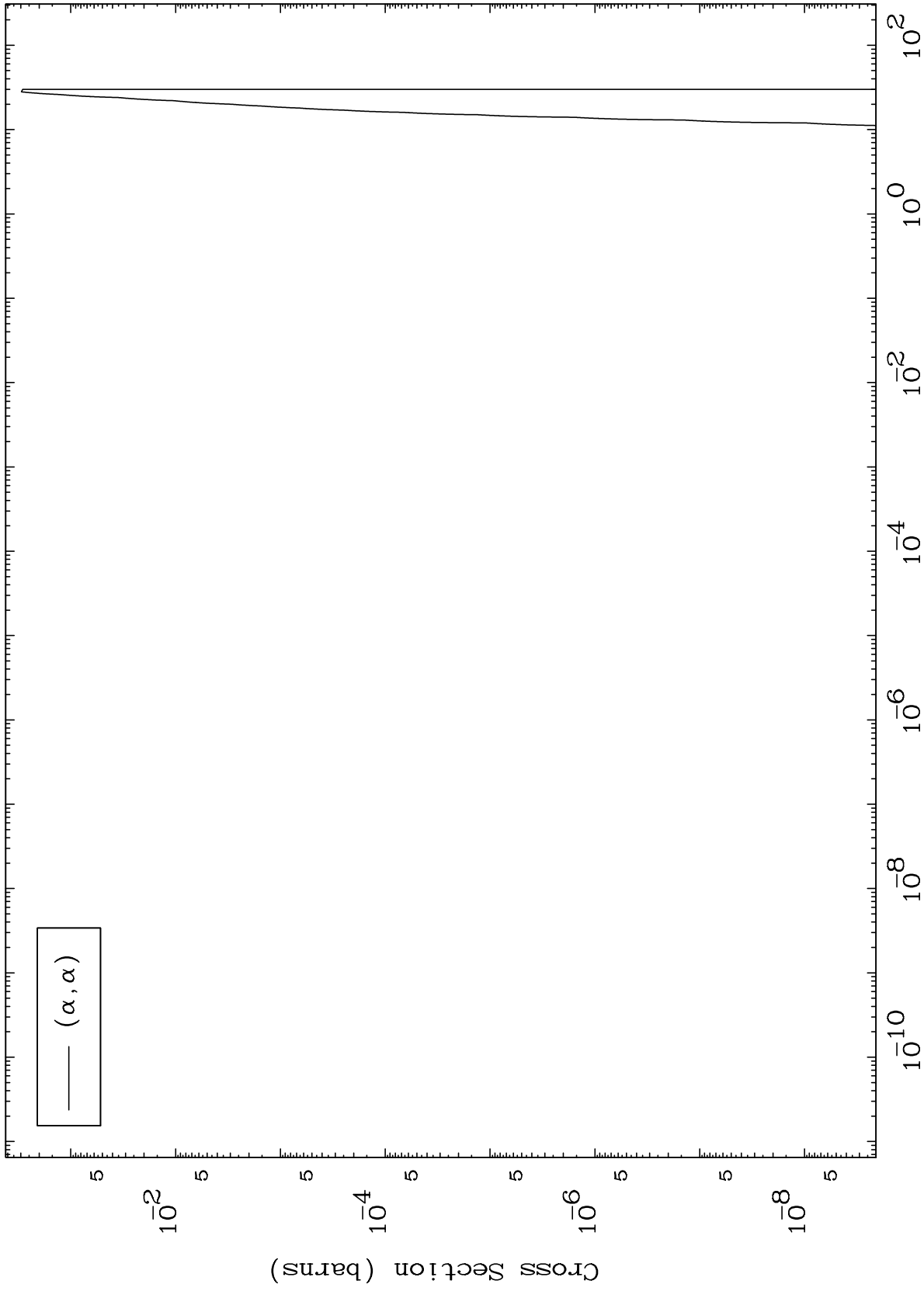
62-Sm-139

Incident Energy (MeV)

MAT 6211

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

62-Sm-139



10

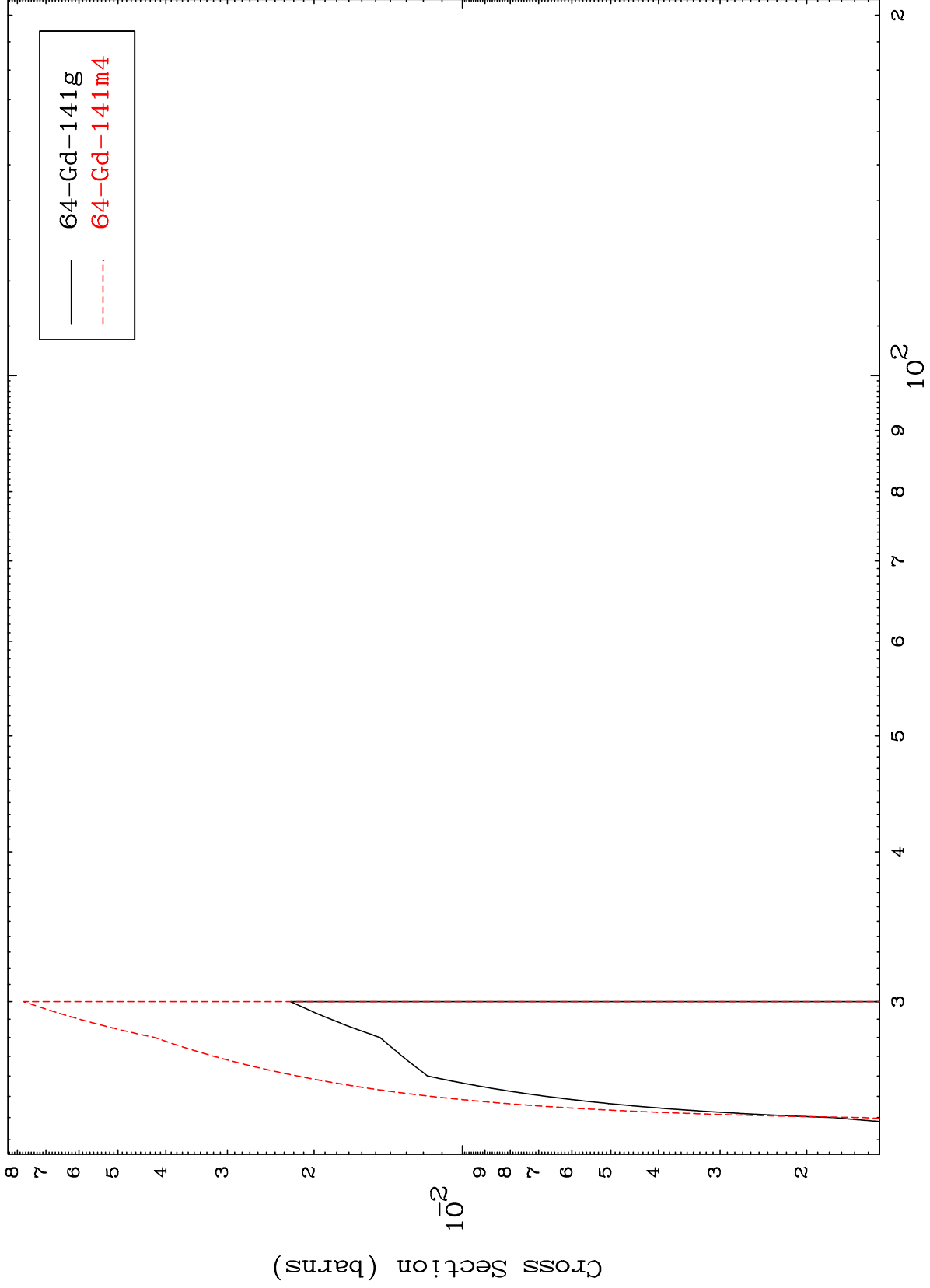
Incident Energy (MeV)

62-Sm-139

MAT 6211

62-Sm-139

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



11

Incident Energy (MeV)

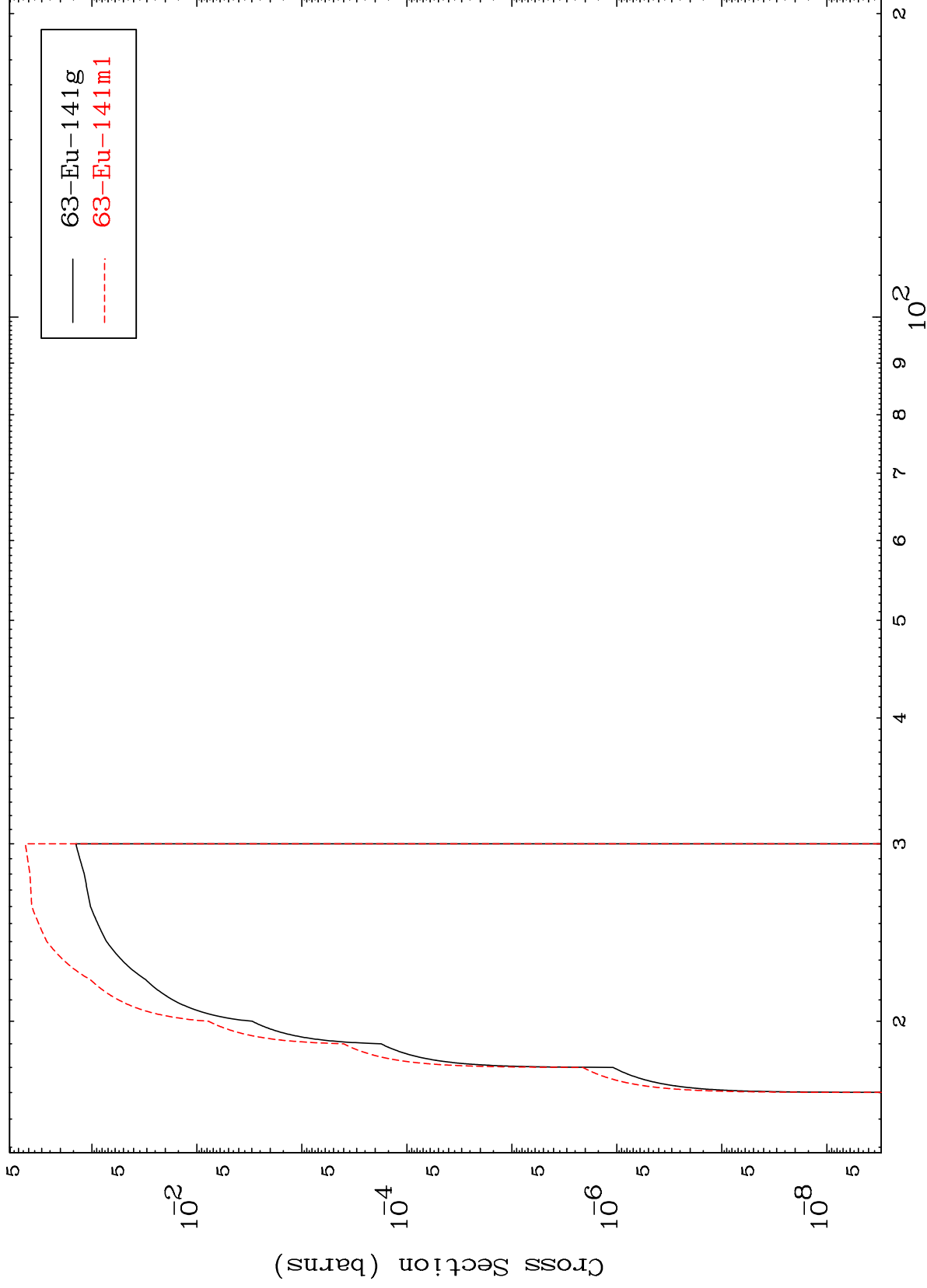
62-Sm-139

MAT 6211

( $\alpha, n'$ ) p

62-Sm-139

Radionuclide Production Cross Section



12

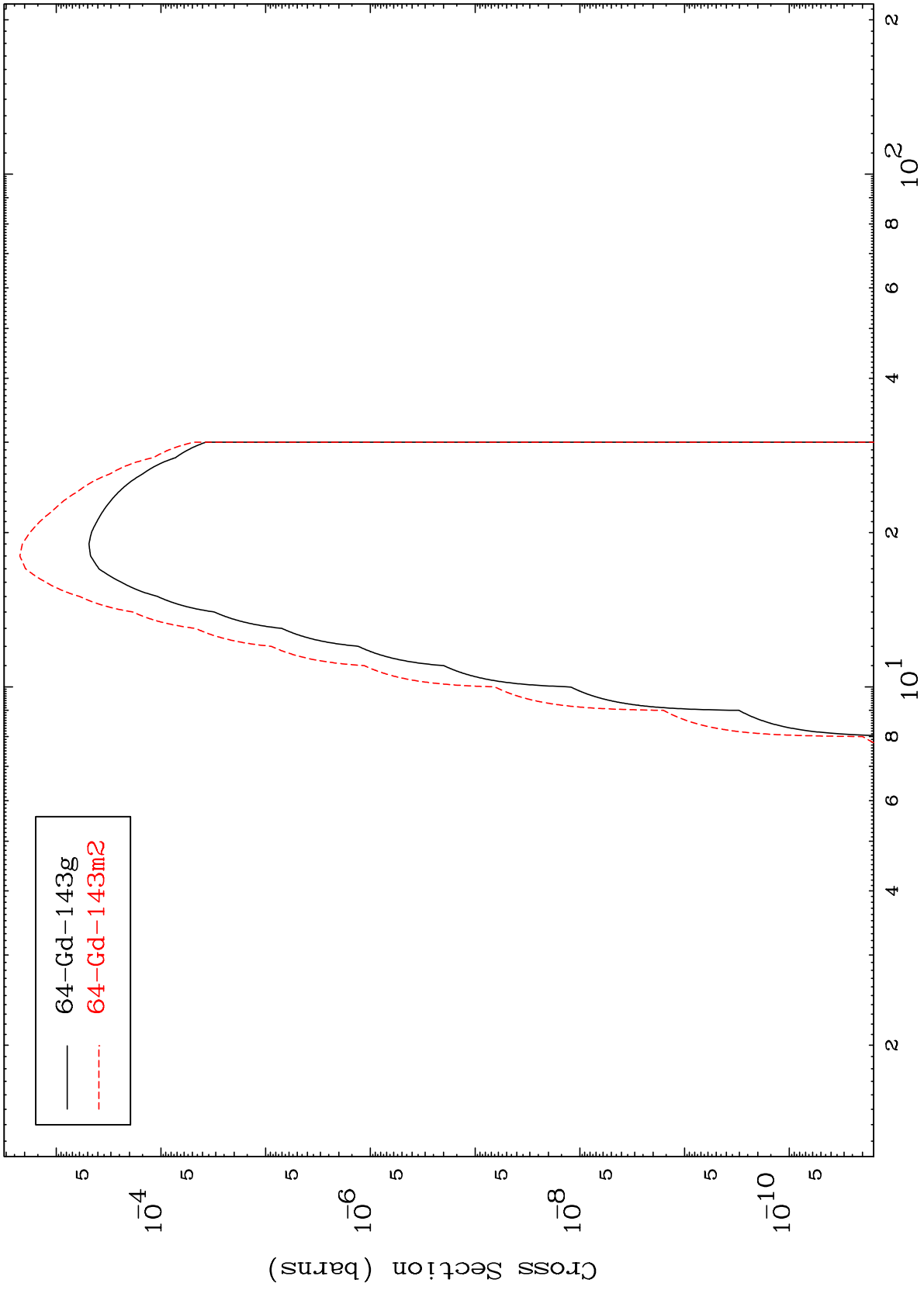
Incident Energy (MeV)

62-Sm-139

MAT 6211

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

62-Sm-139



13

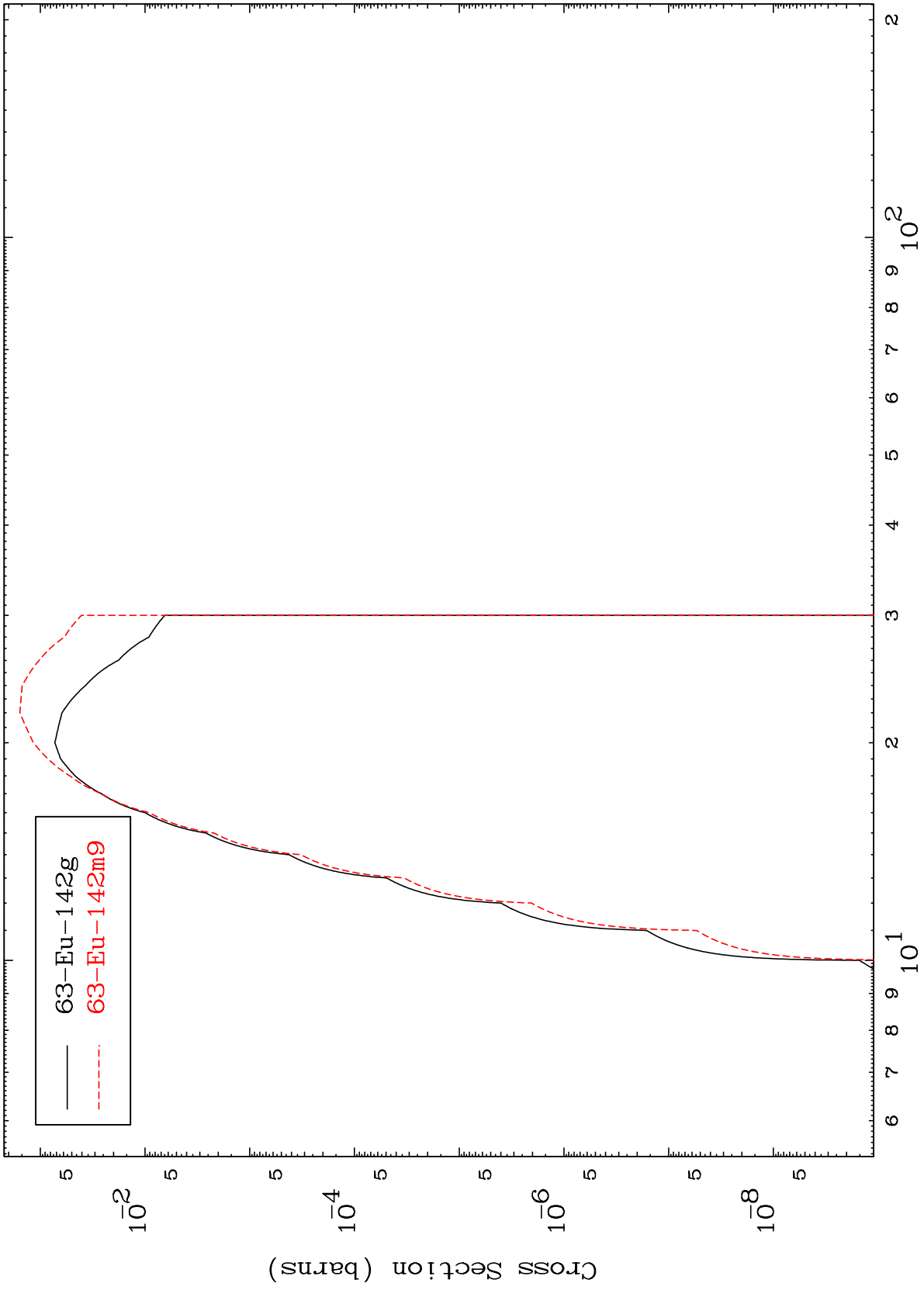
Incident Energy (MeV)

62-Sm-139

MAT 6211

62-Sm-139

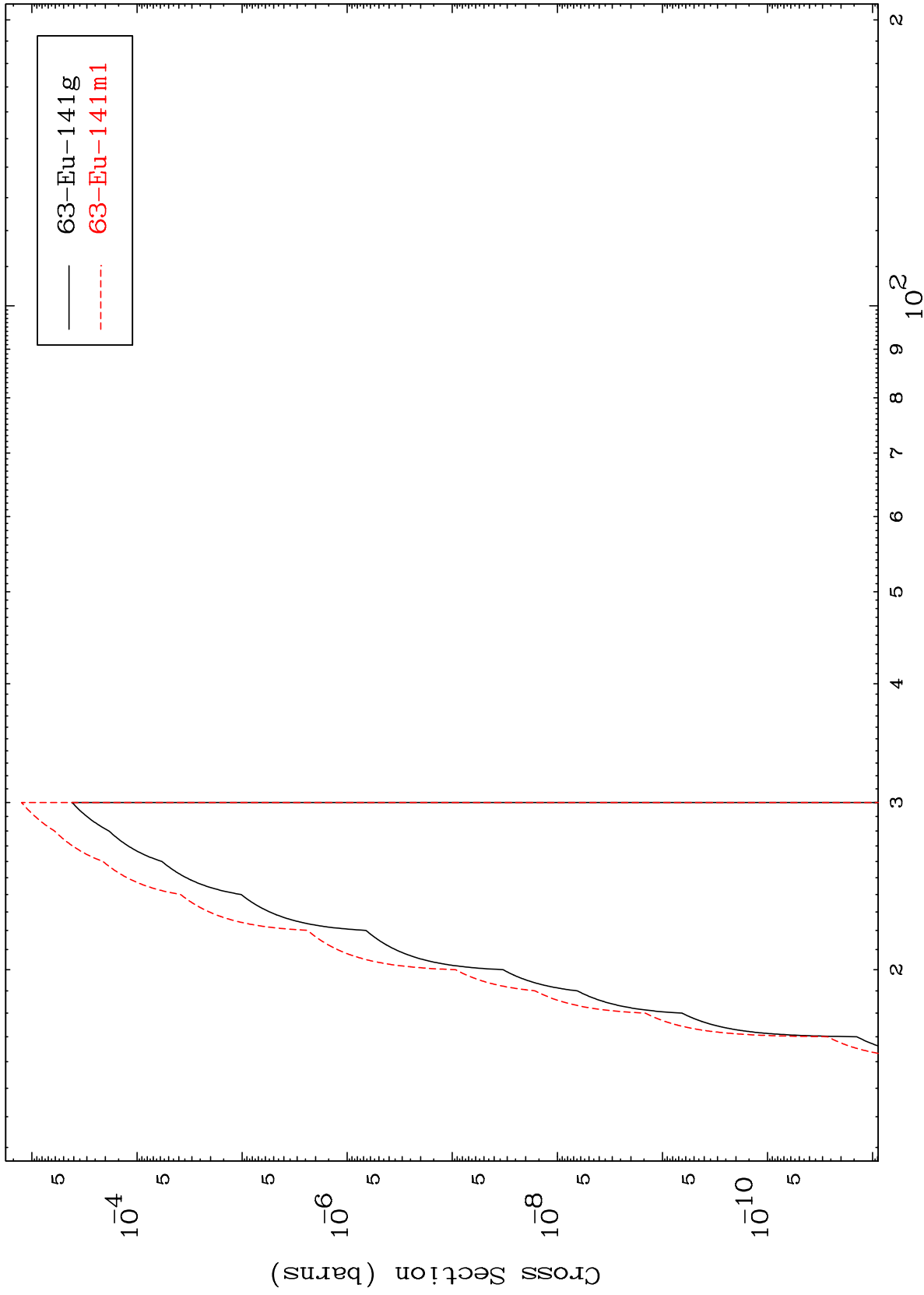
( $\alpha, p$ )  
Radionuclide Production Cross Section



14

62-Sm-139

Radionuclide Production Cross Section



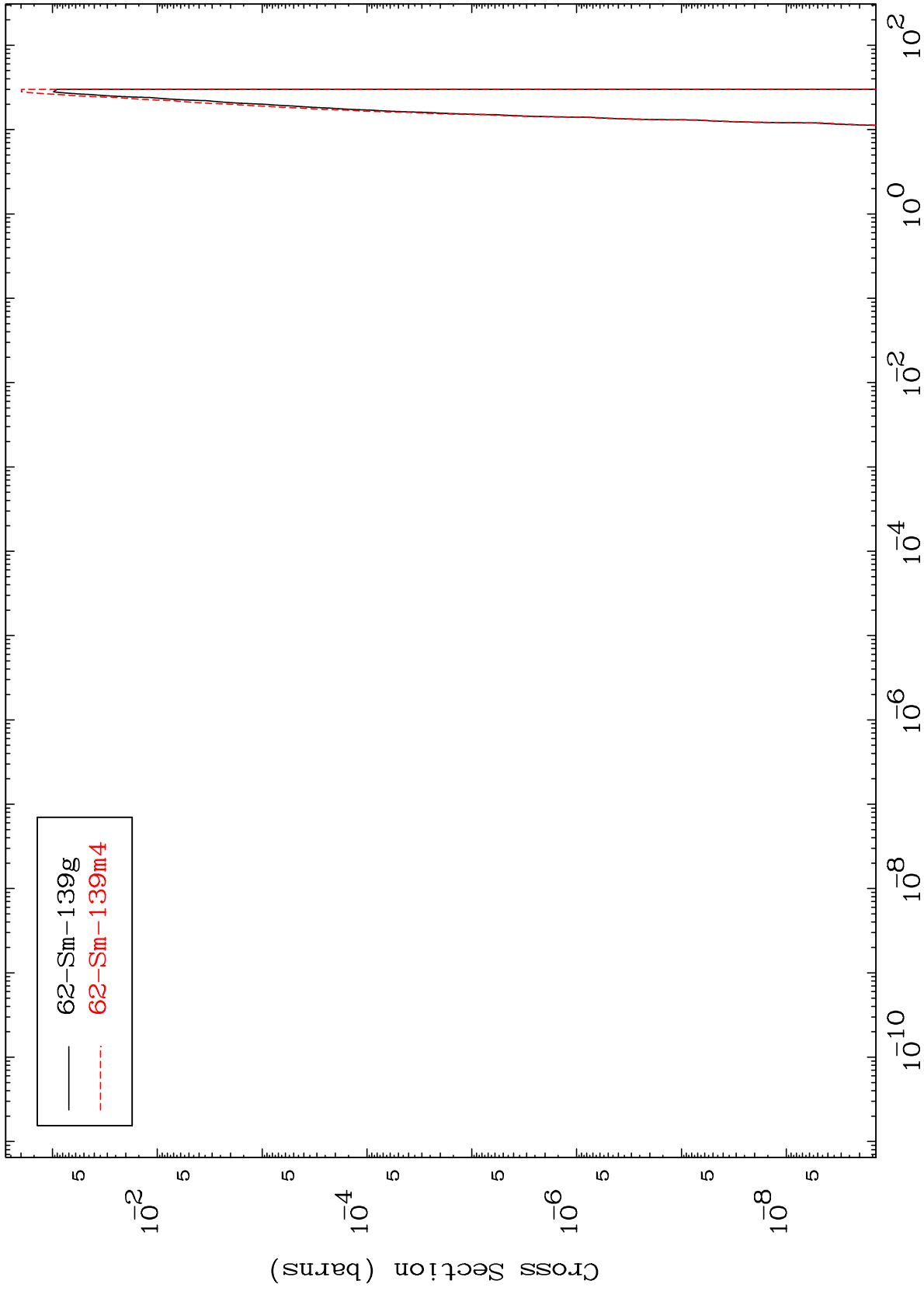


MAT 6211

( $\alpha, \alpha$ )

62-Sm-139

Radionuclide Production Cross Section



16

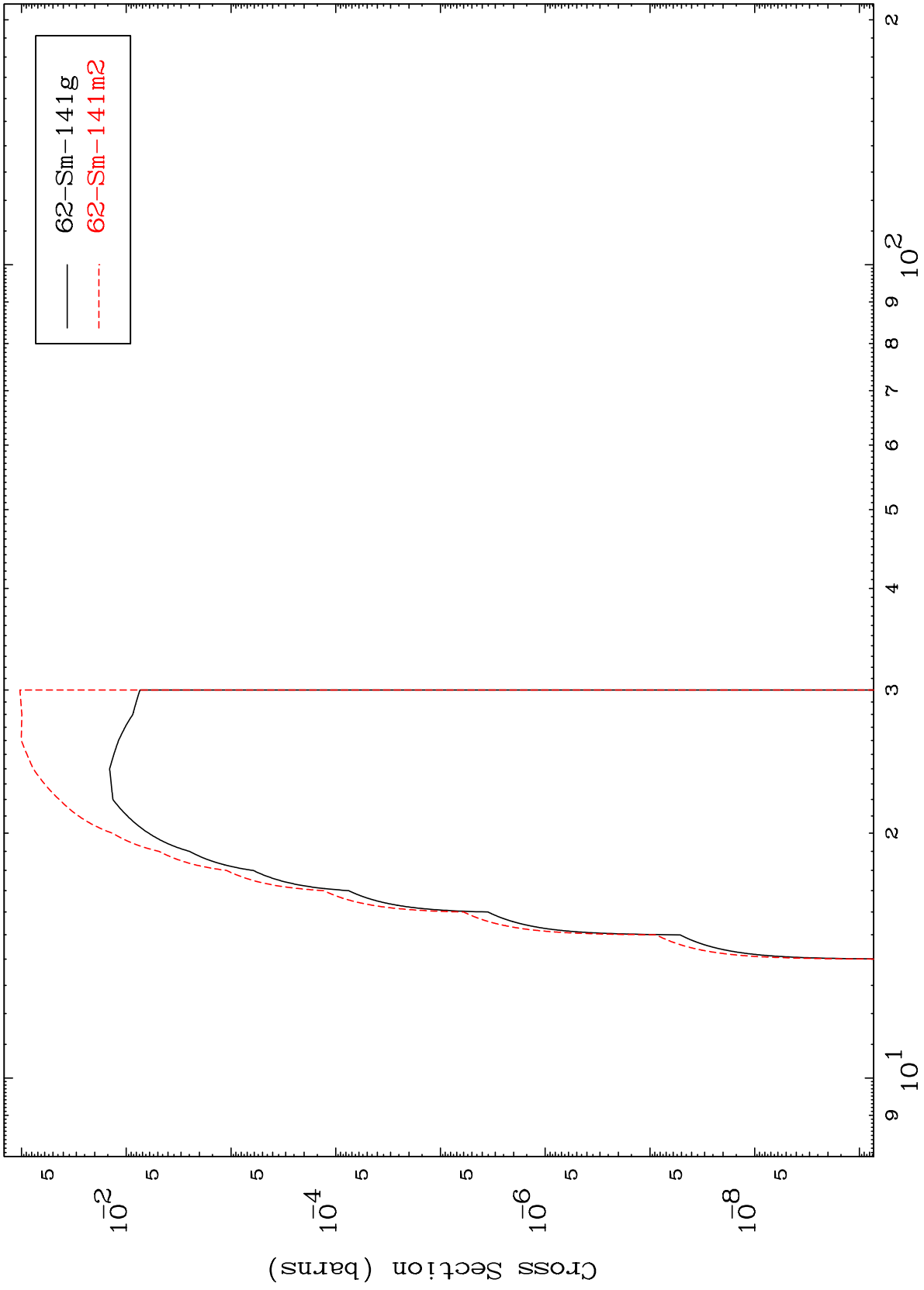
Incident Energy (MeV)

62-Sm-139

MAT 6211

62-Sm-139

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



17

Incident Energy (MeV)

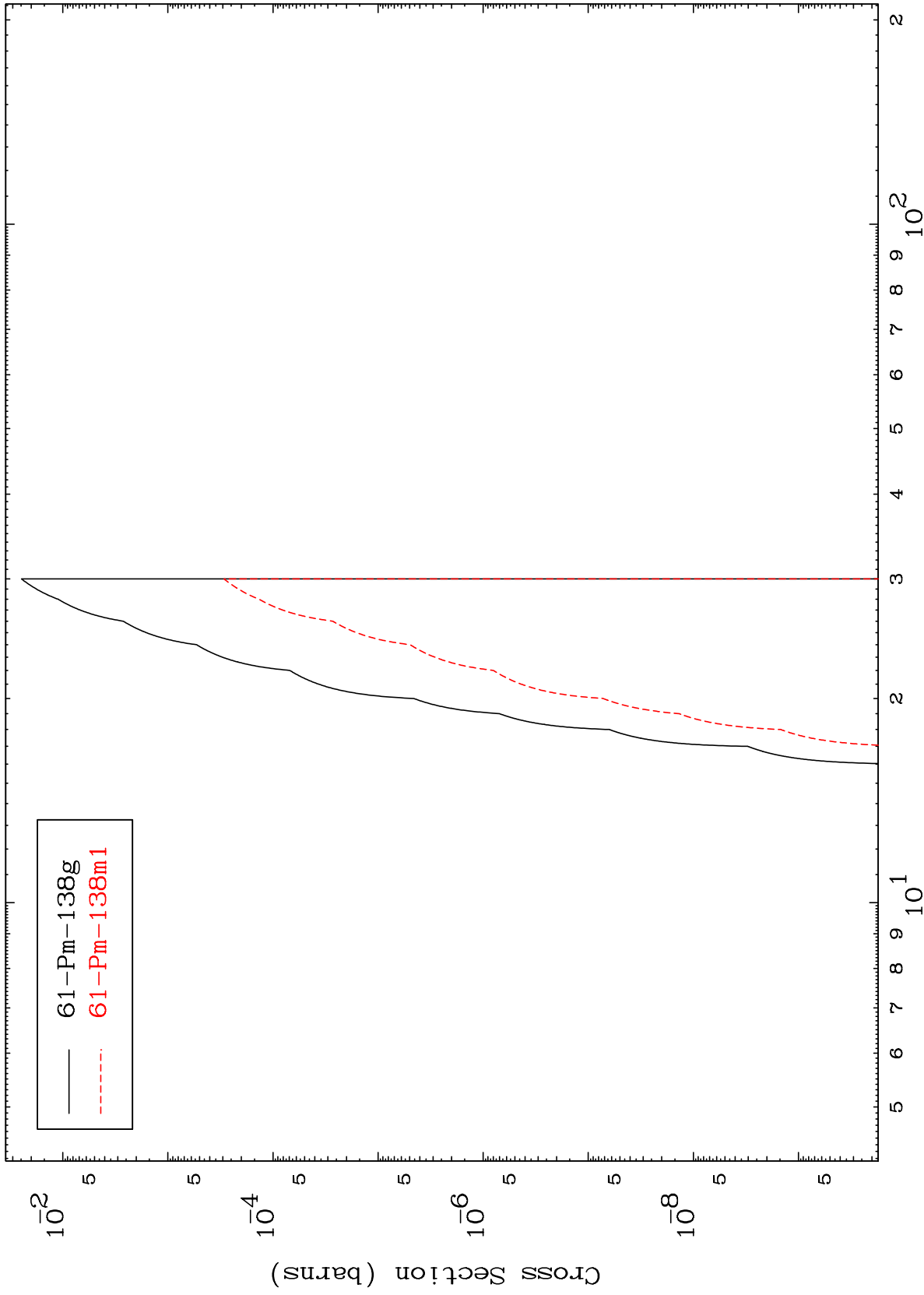
62-Sm-139

MAT 6211

( $\alpha, p$ )  $\alpha$

62-Sm-139

Radionuclide Production Cross Section

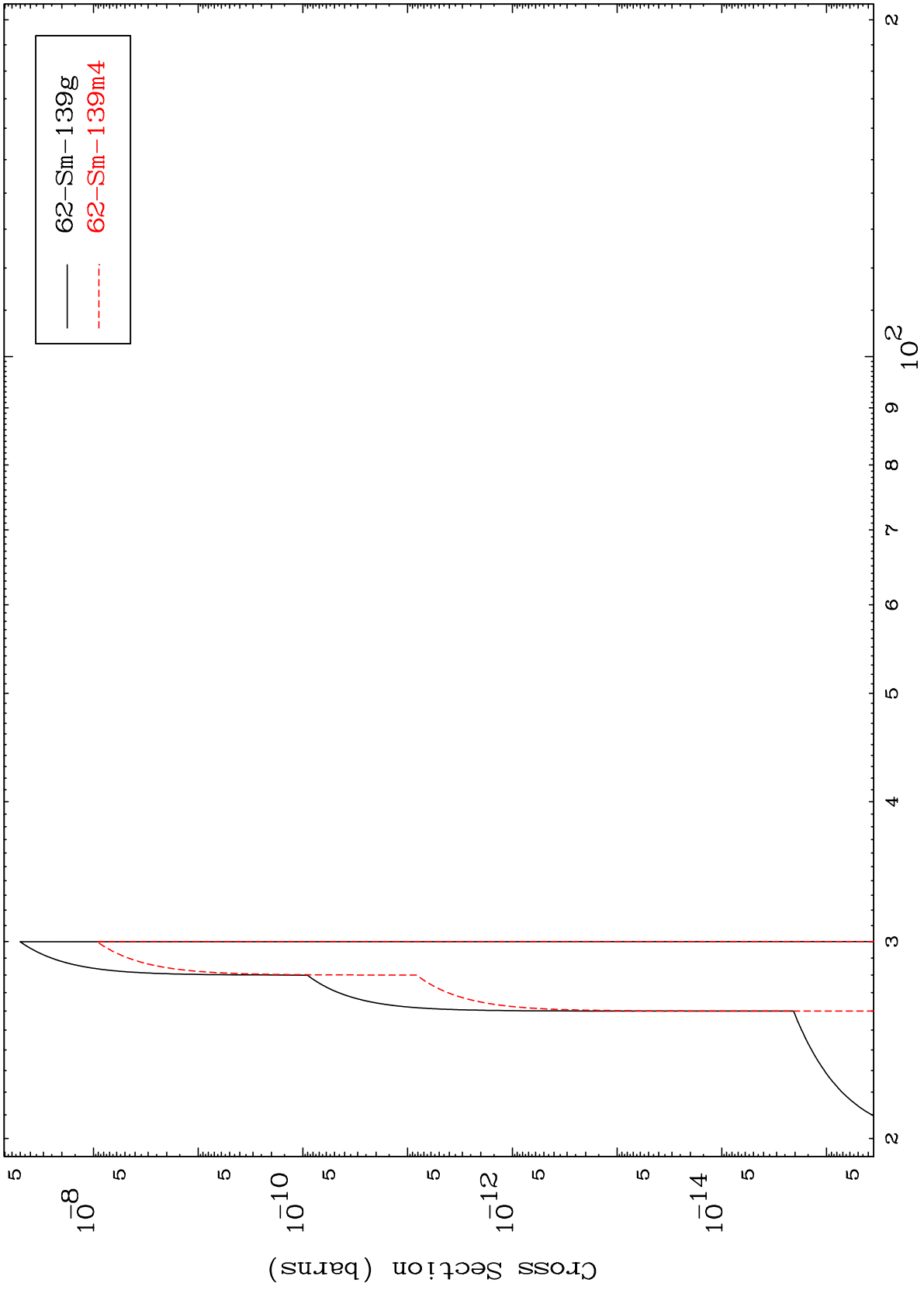


MAT 6211

( $\alpha, p$ ) t

62-Sm-139

Radionuclide Production Cross Section



19

Incident Energy (MeV)

62-Sm-139