

Program EVALPLOT  
(Version 2018-1)

by

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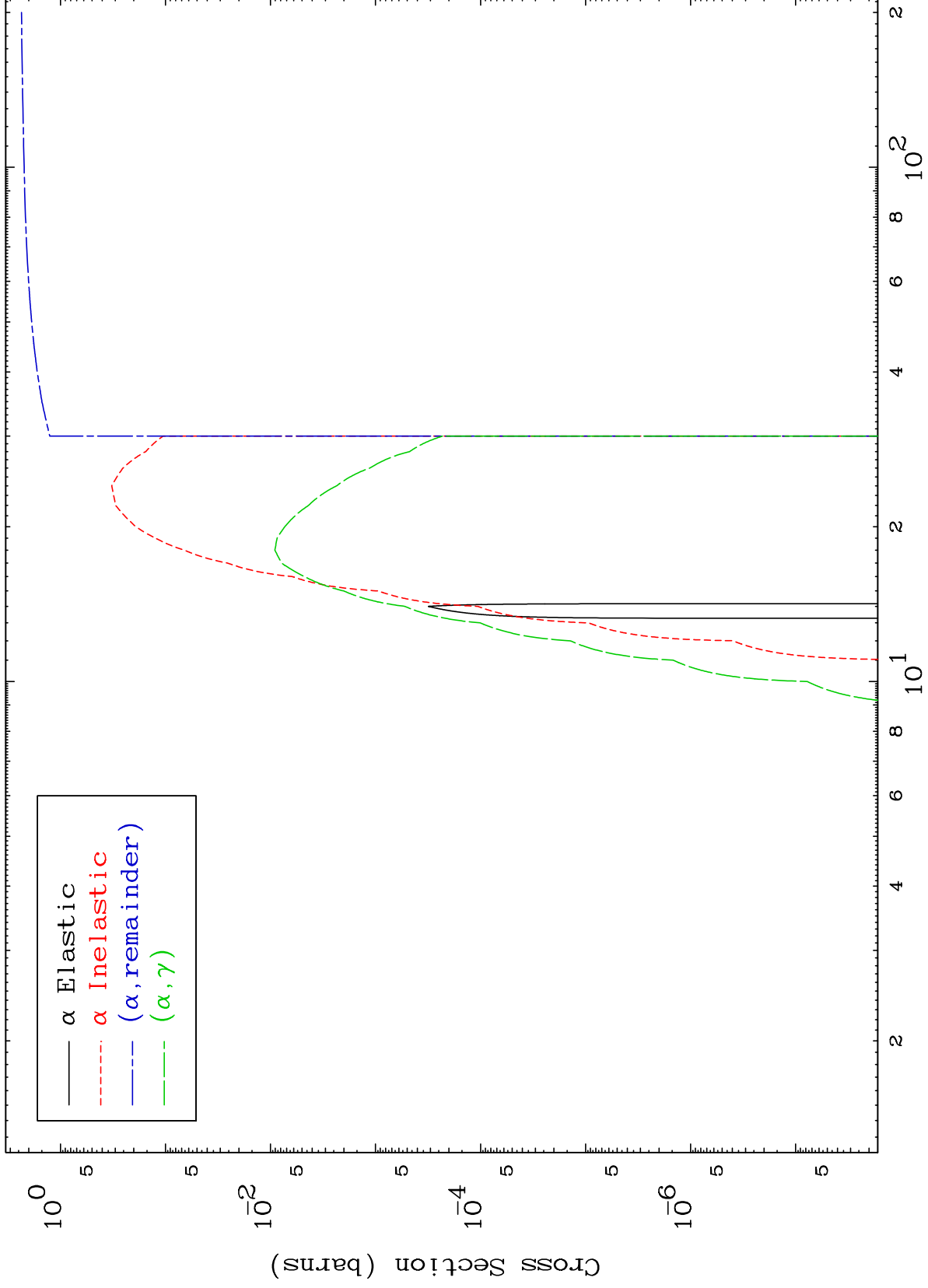
Press Mouse Button to Start

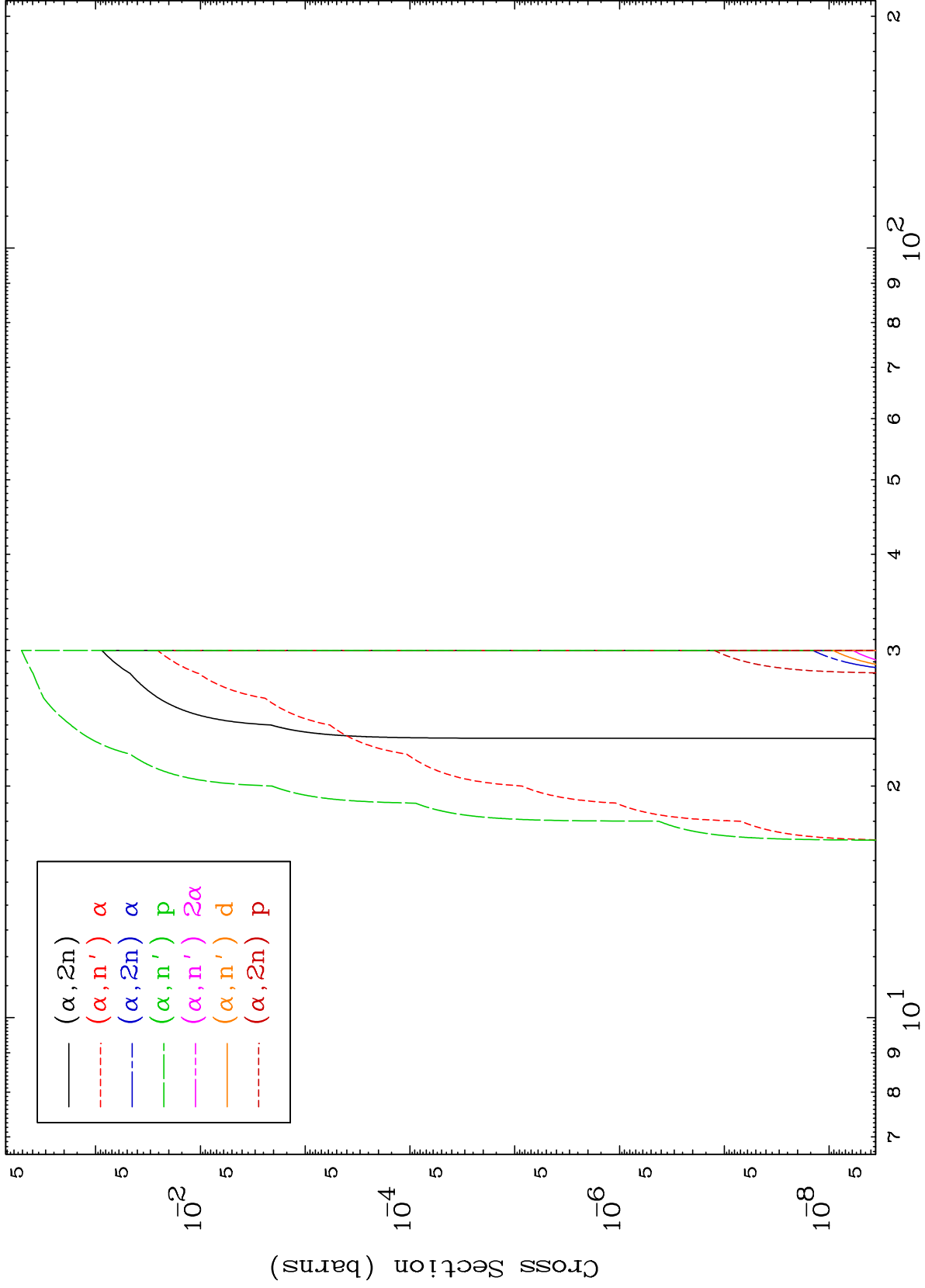
MAT 6211

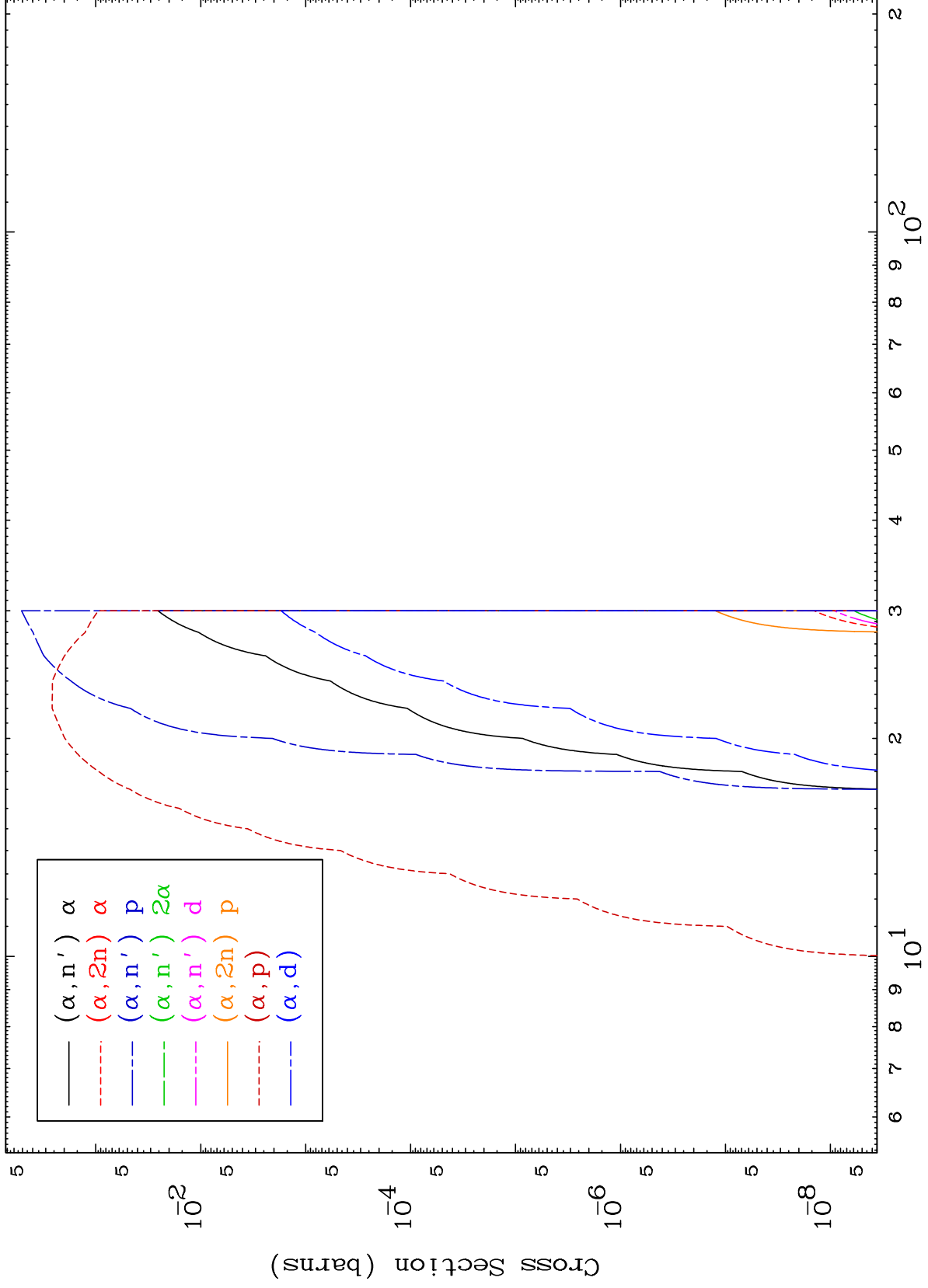
0 Kelvin

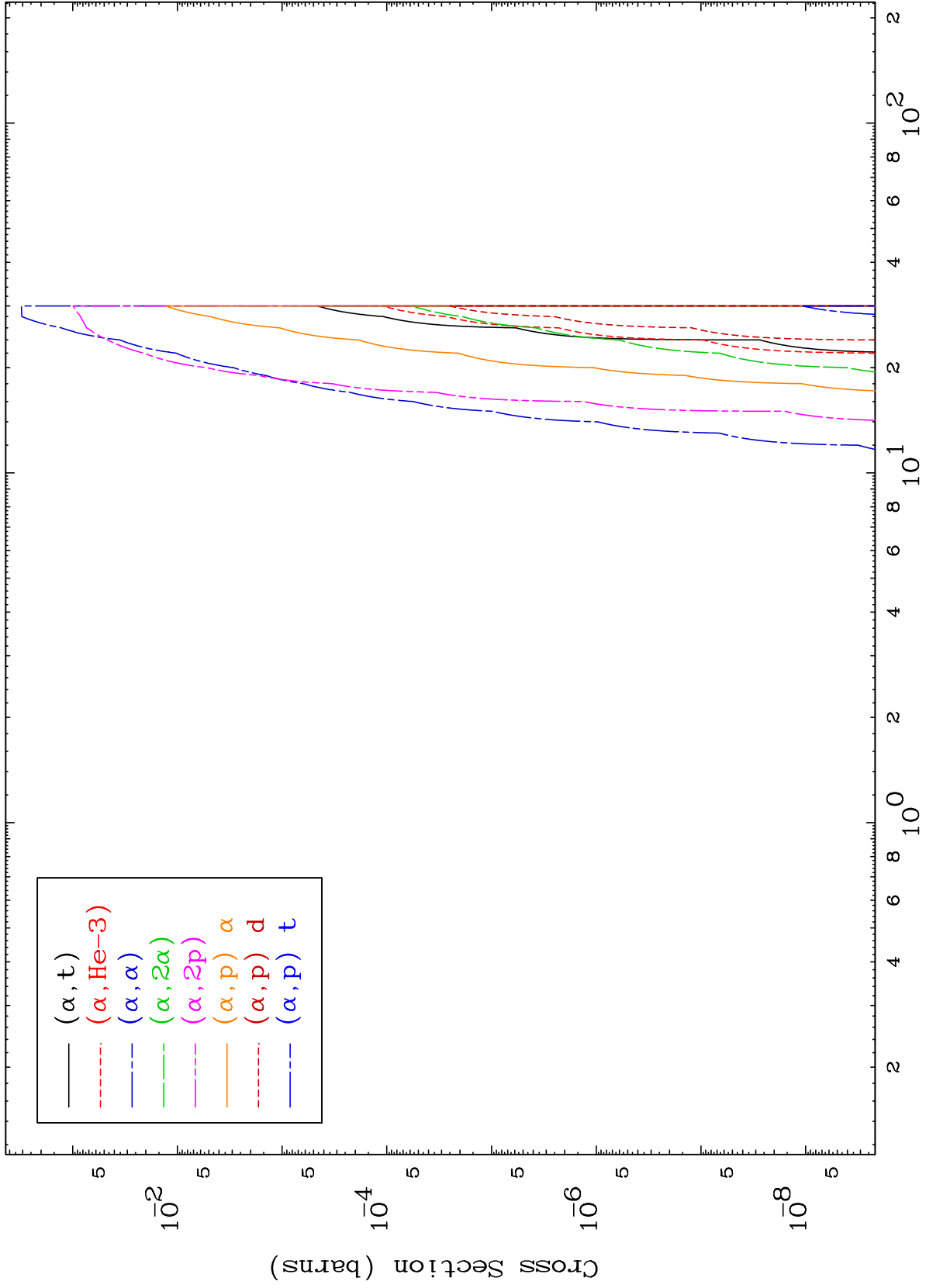
$\alpha$  Major Cross Sections

62-Sm-139





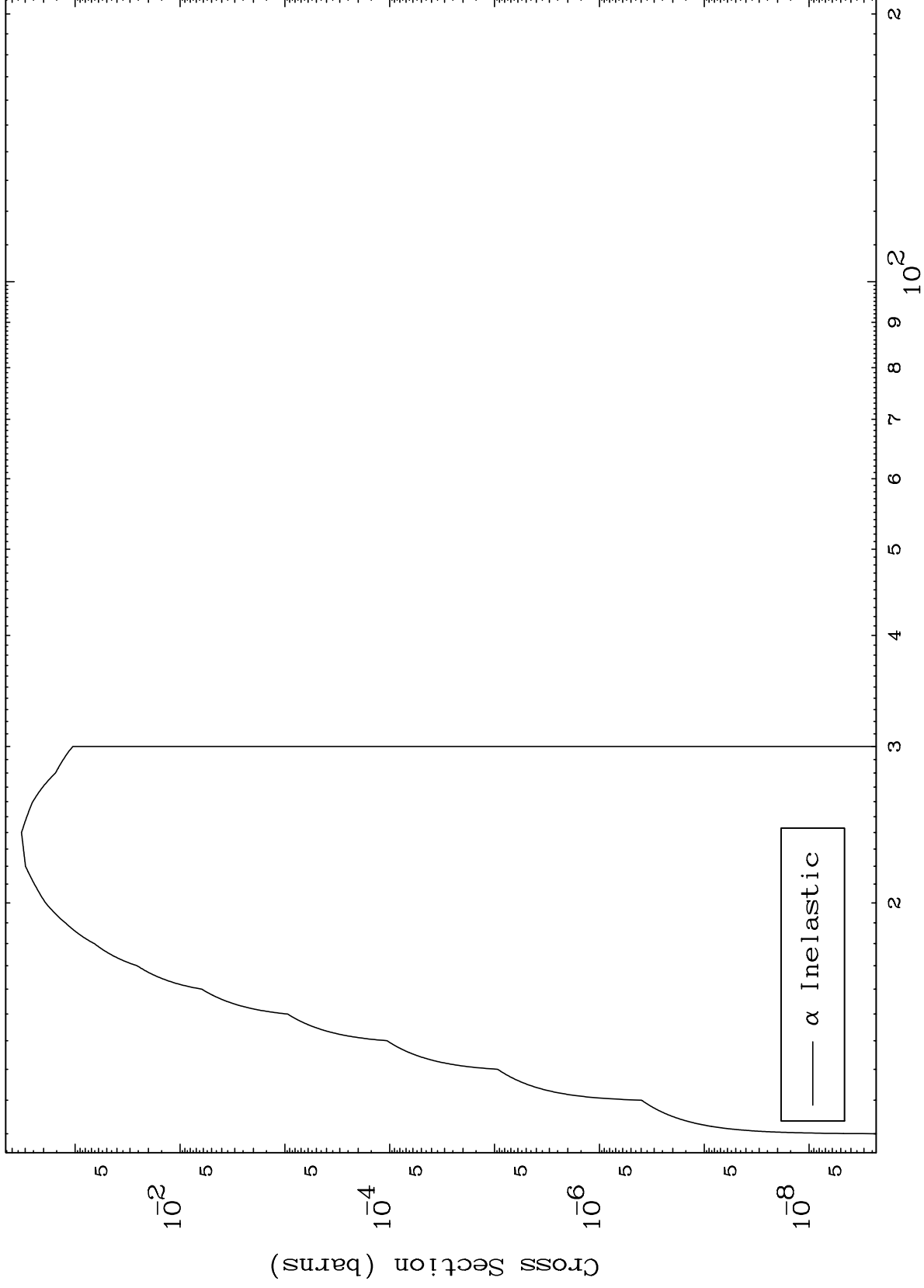




MAT 6211

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

62-Sm-139



5

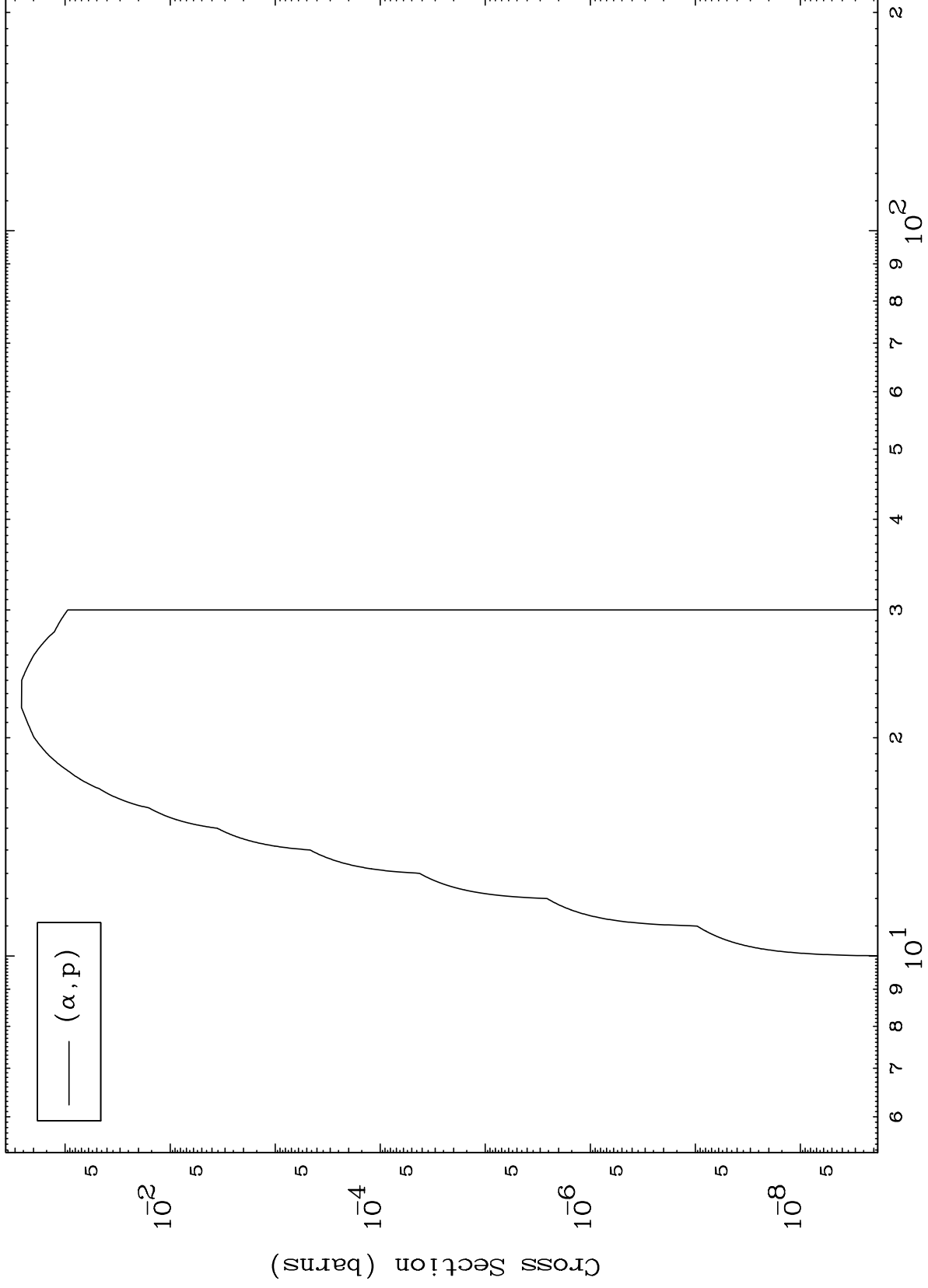
Incident Energy (MeV)

62-Sm-139

MAT 6211

62-Sm-139

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



6

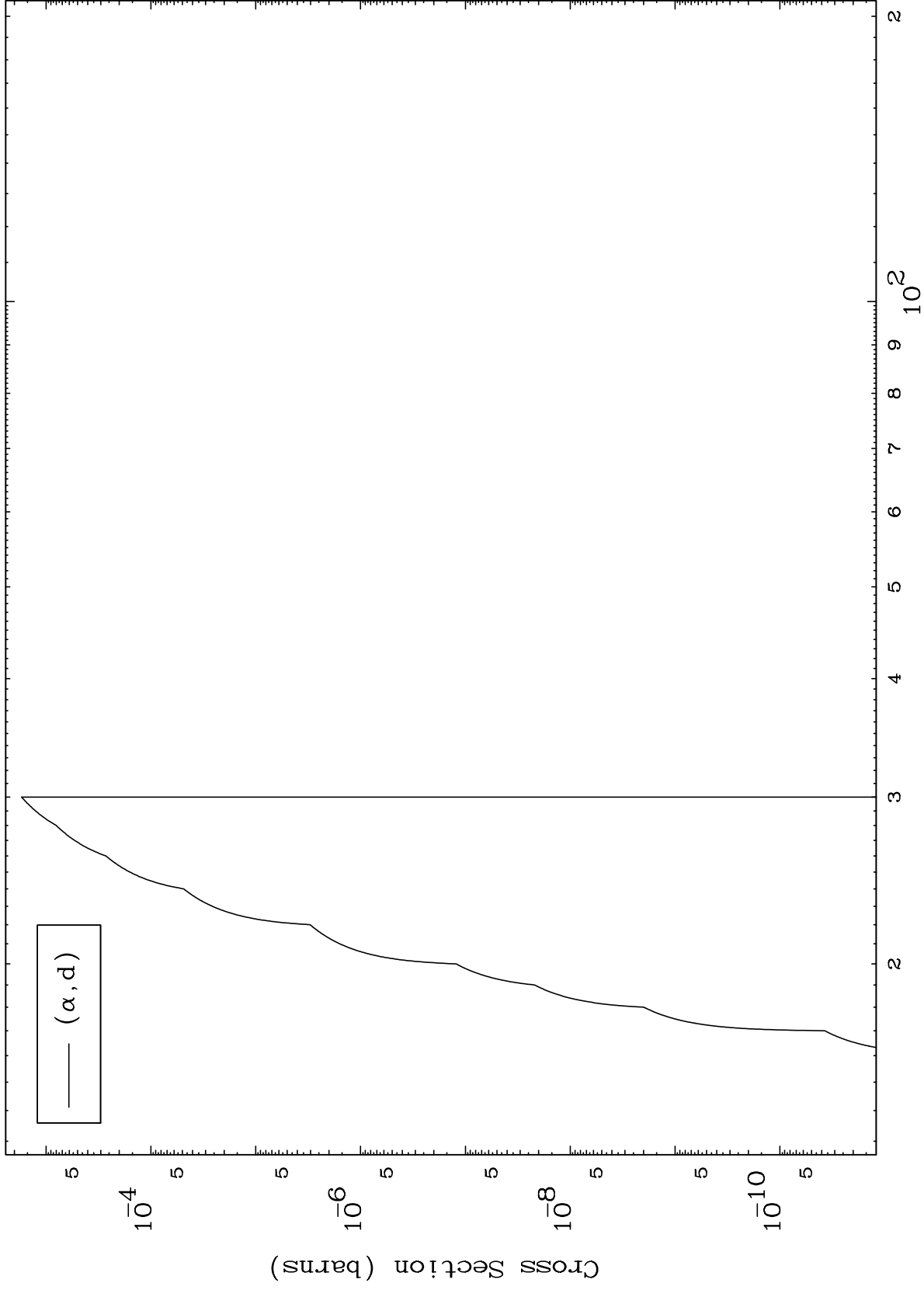
Incident Energy (MeV)

62-Sm-139

MAT 6211

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

$^{62}\text{Sm}-139$



7

Incident Energy (MeV)

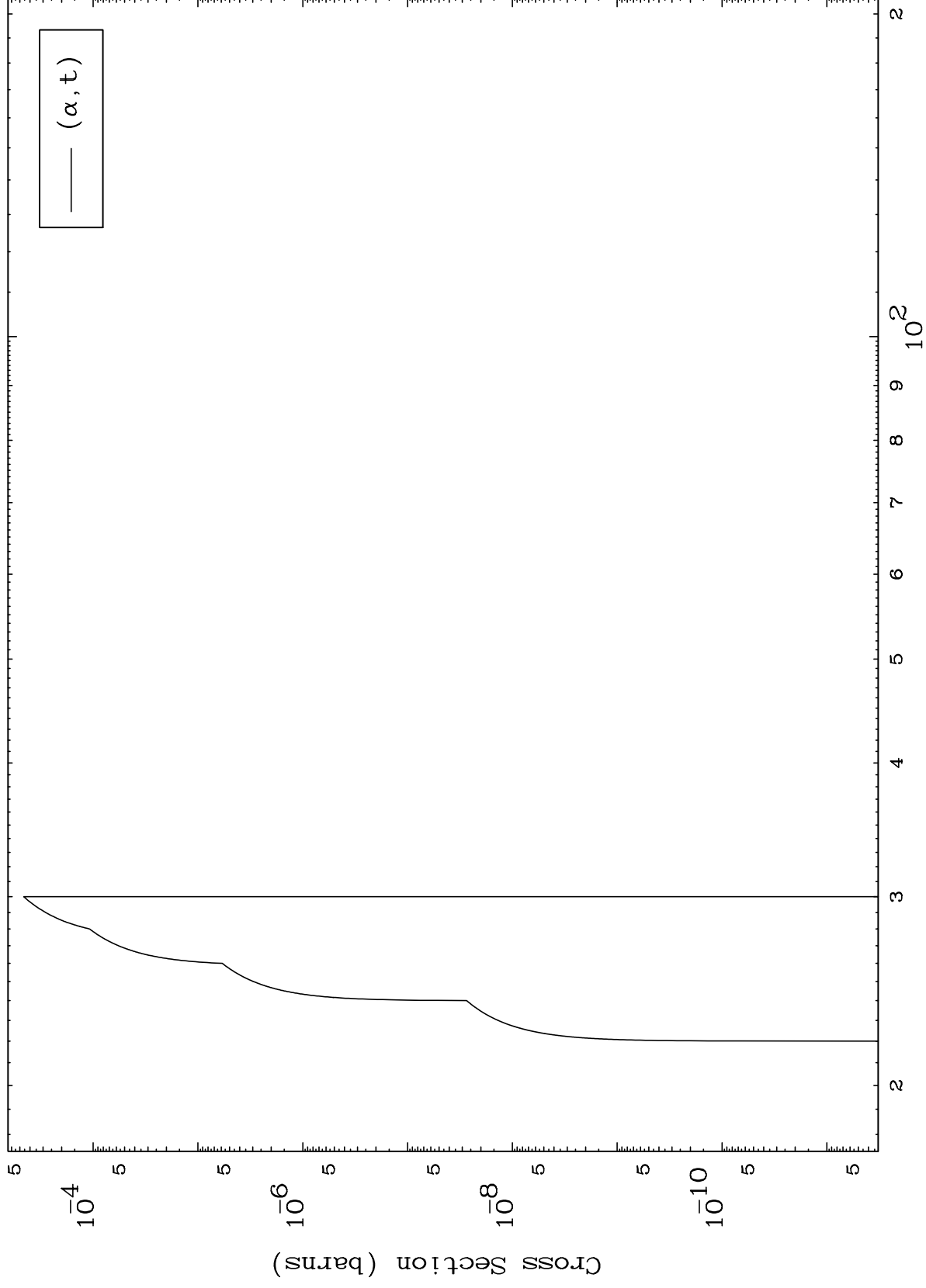
$^{62}\text{Sm}-139$



MAT 6211

62-Sm-139

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



62-Sm-139

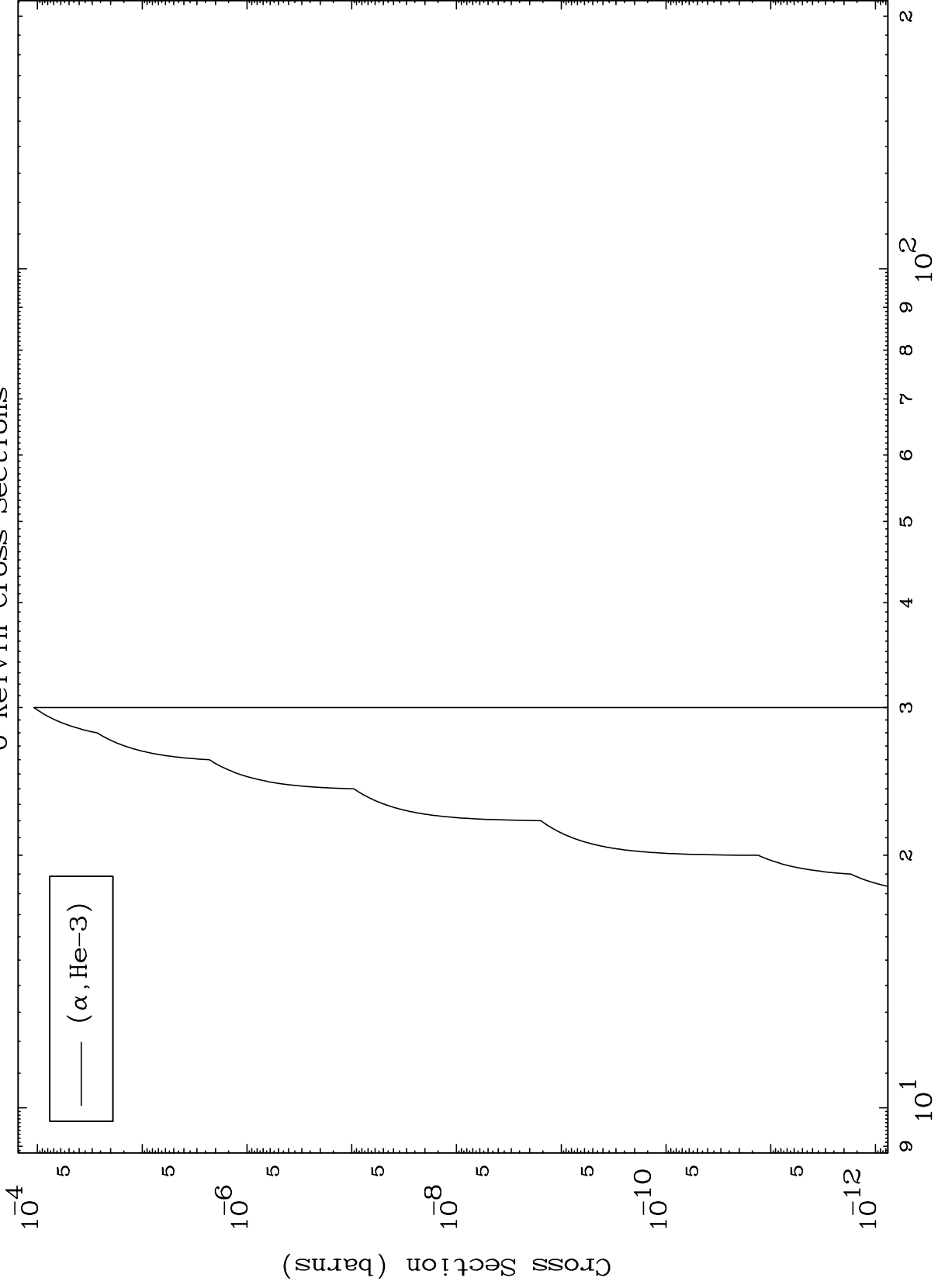
Incident Energy (MeV)

8

MAT 6211

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

62-Sm-139



9

Incident Energy (MeV)

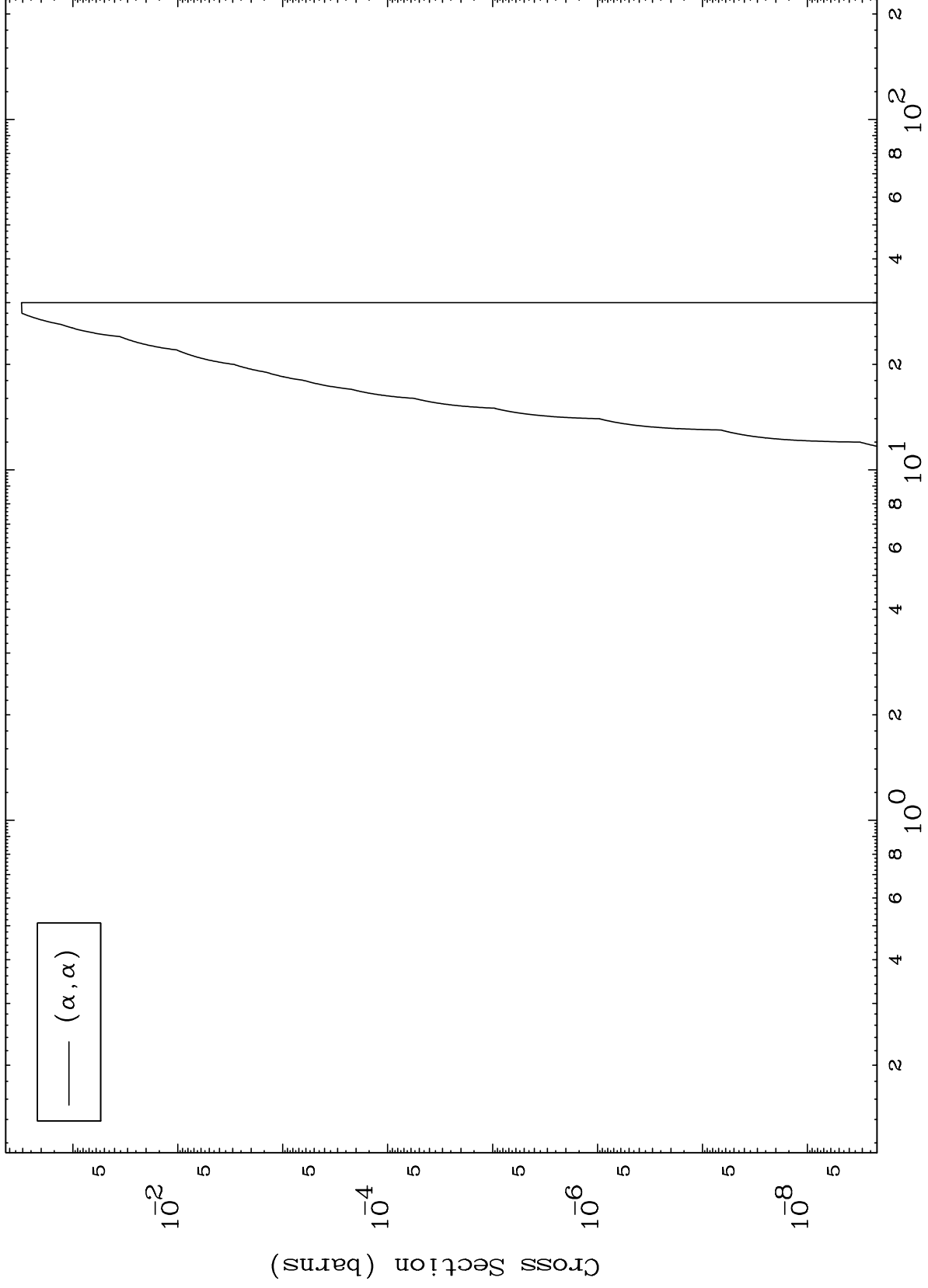
62-Sm-139

MAT 6211

( $\alpha, \alpha$ ) Levels

62-Sm-139

0 Kelvin Cross Sections



10

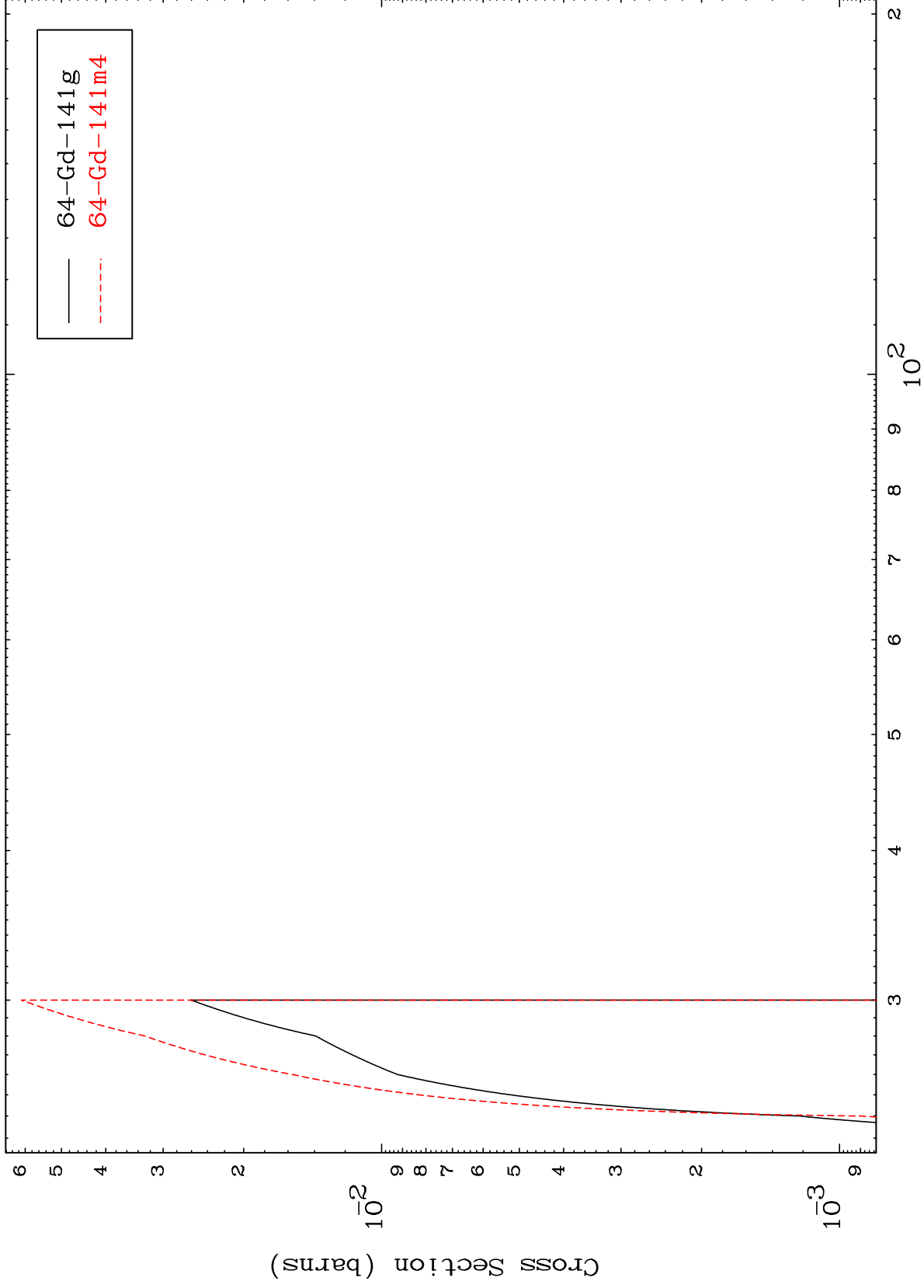
Incident Energy (MeV)

62-Sm-139

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62-Sm-139

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



11

Incident Energy (MeV)

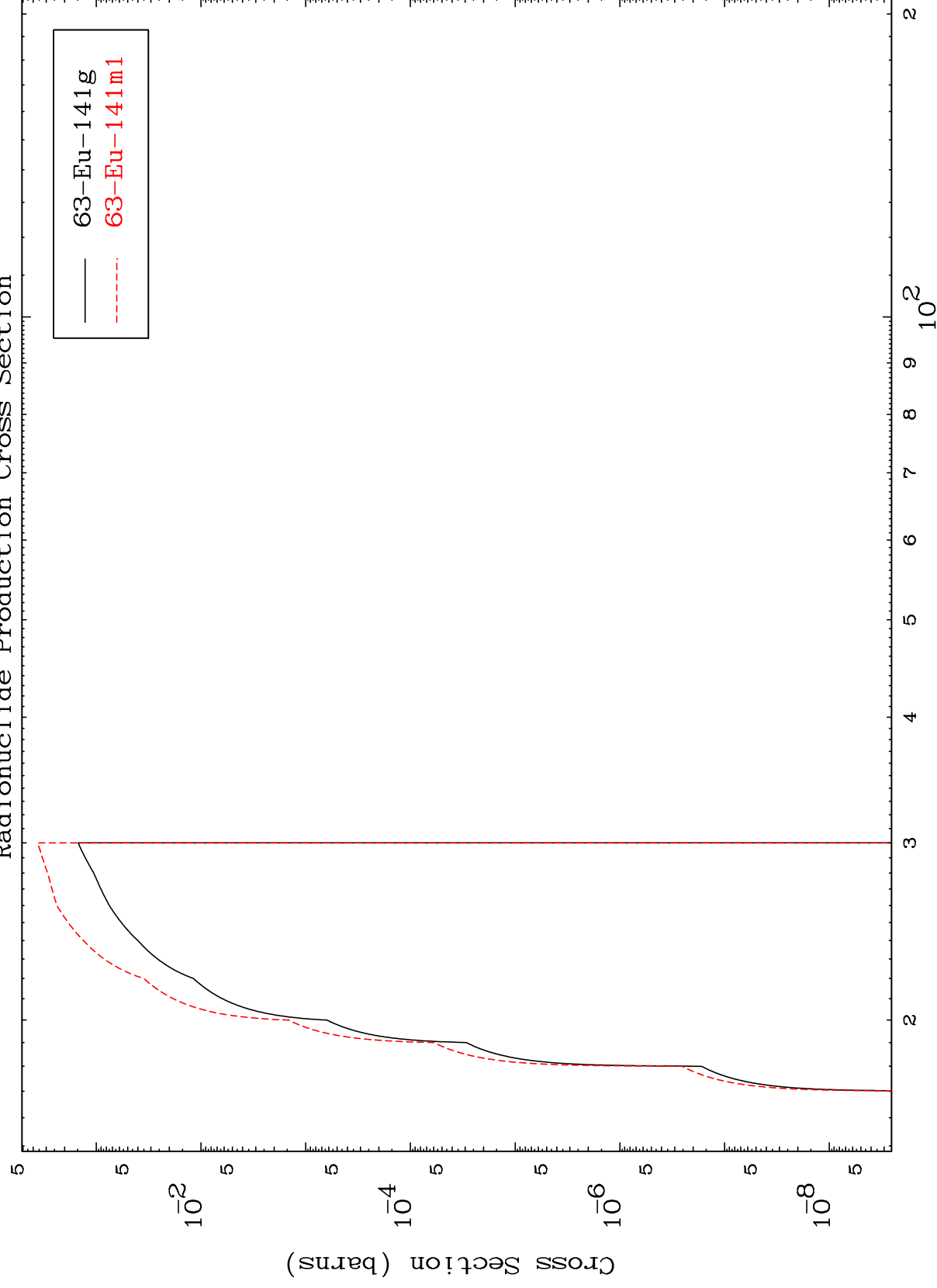
62-Sm-139

MAT 6211

$(\alpha, n')$  p

62-Sm-139

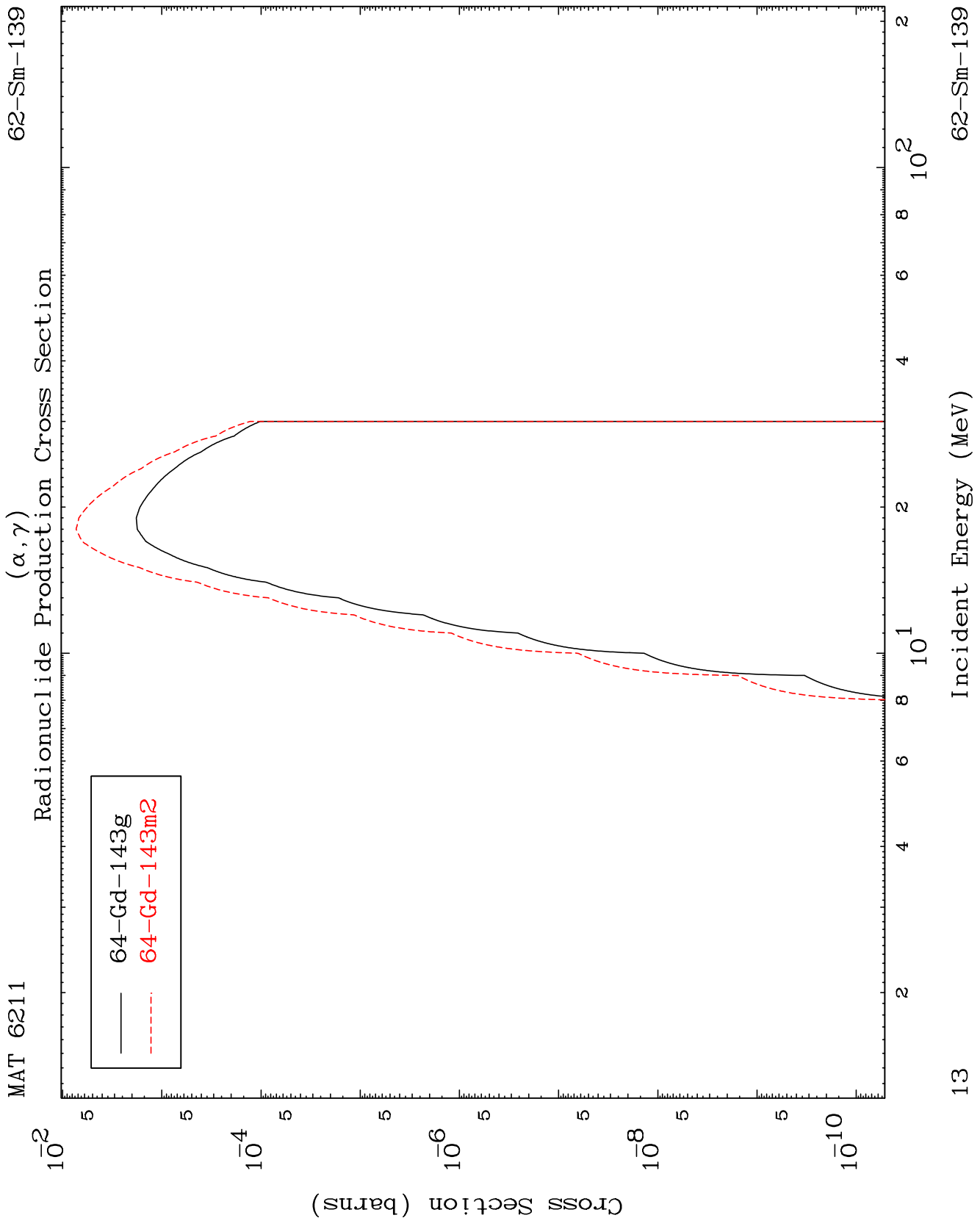
Radionuclide Production Cross Section



12

Incident Energy (MeV)

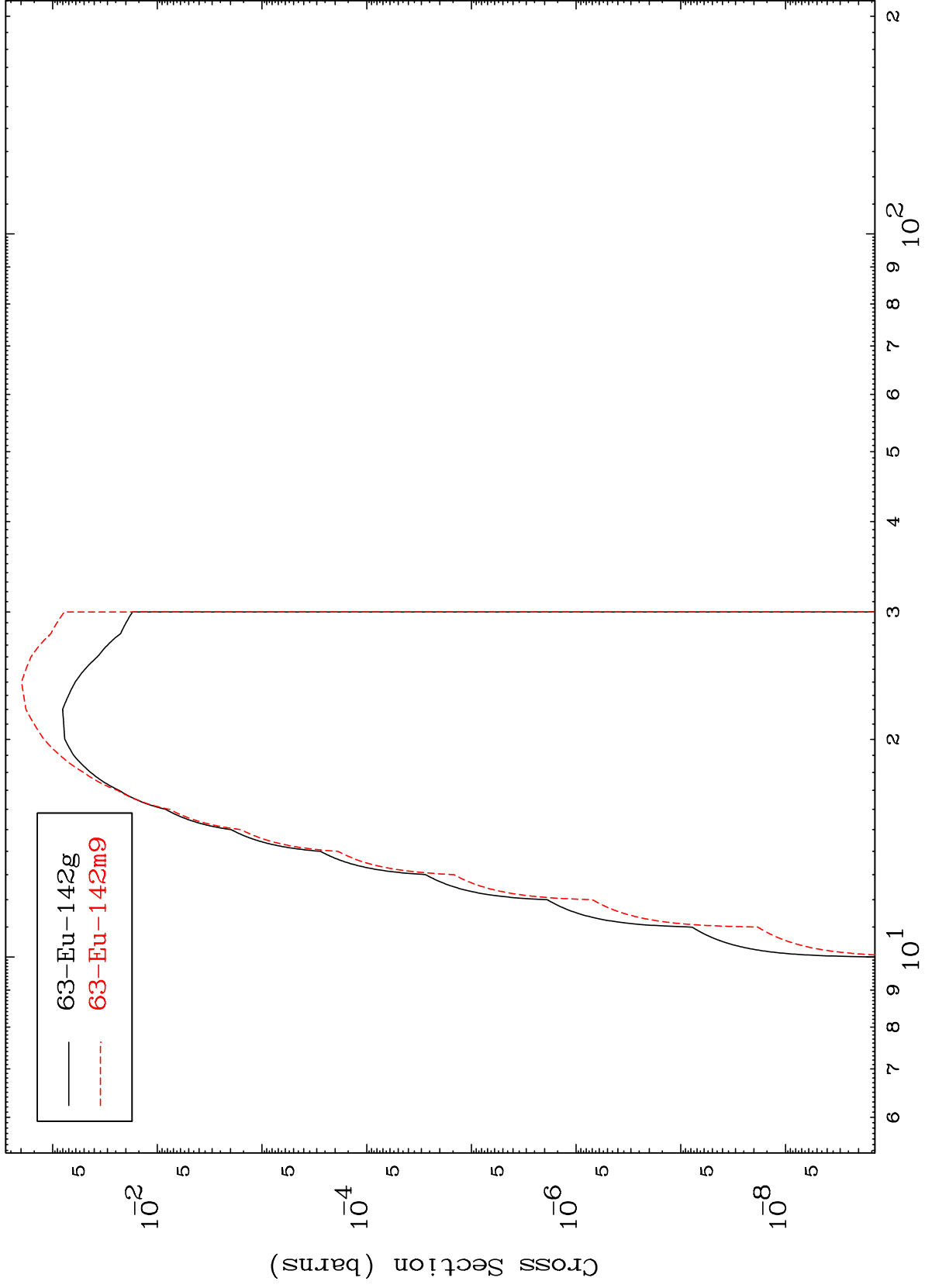
62-Sm-139



MAT 6211

62-Sm-139

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



14

Incident Energy (MeV)

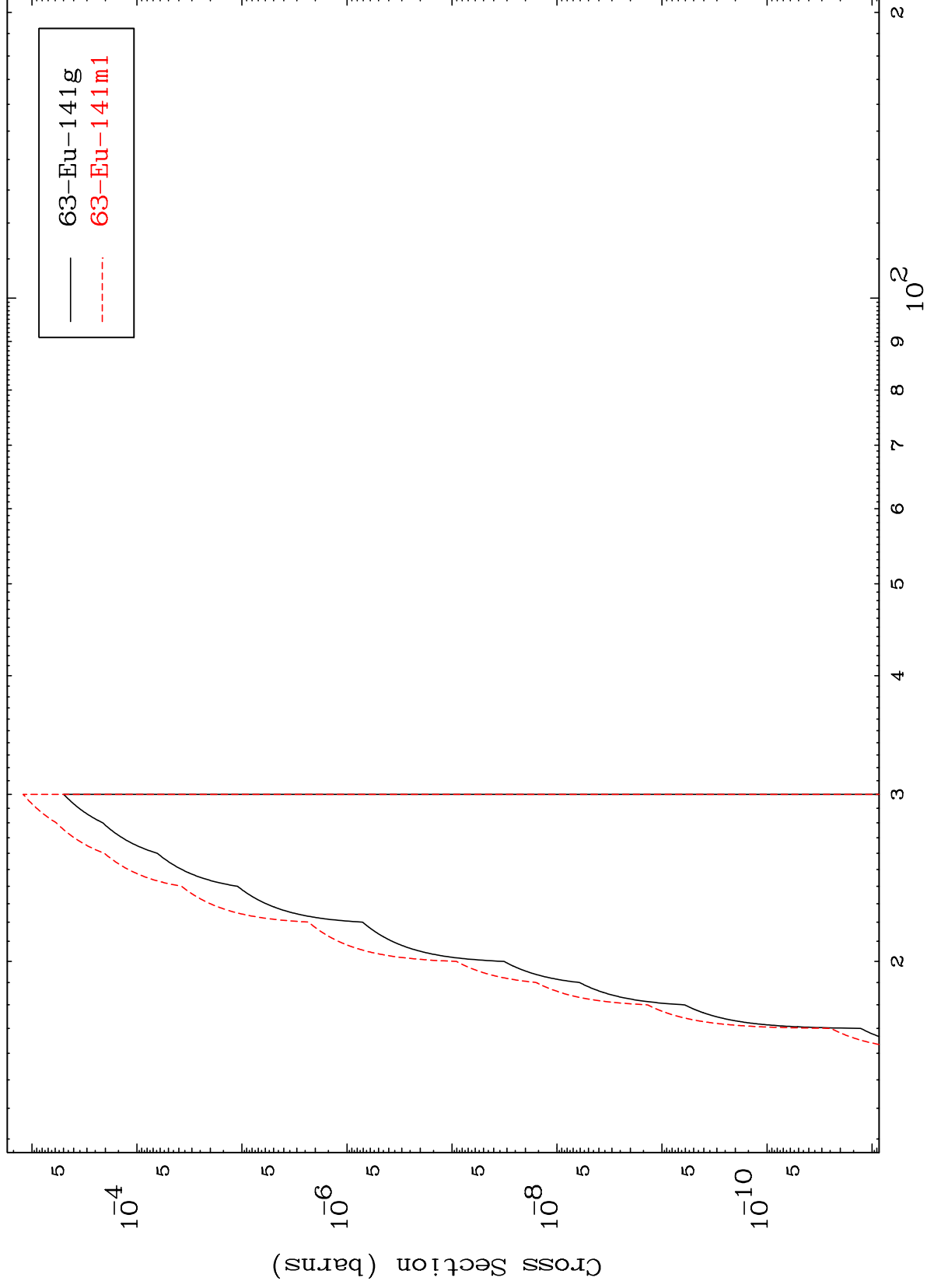
62-Sm-139

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( $\alpha, d$ )

62-Sm-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

62-Sm-139

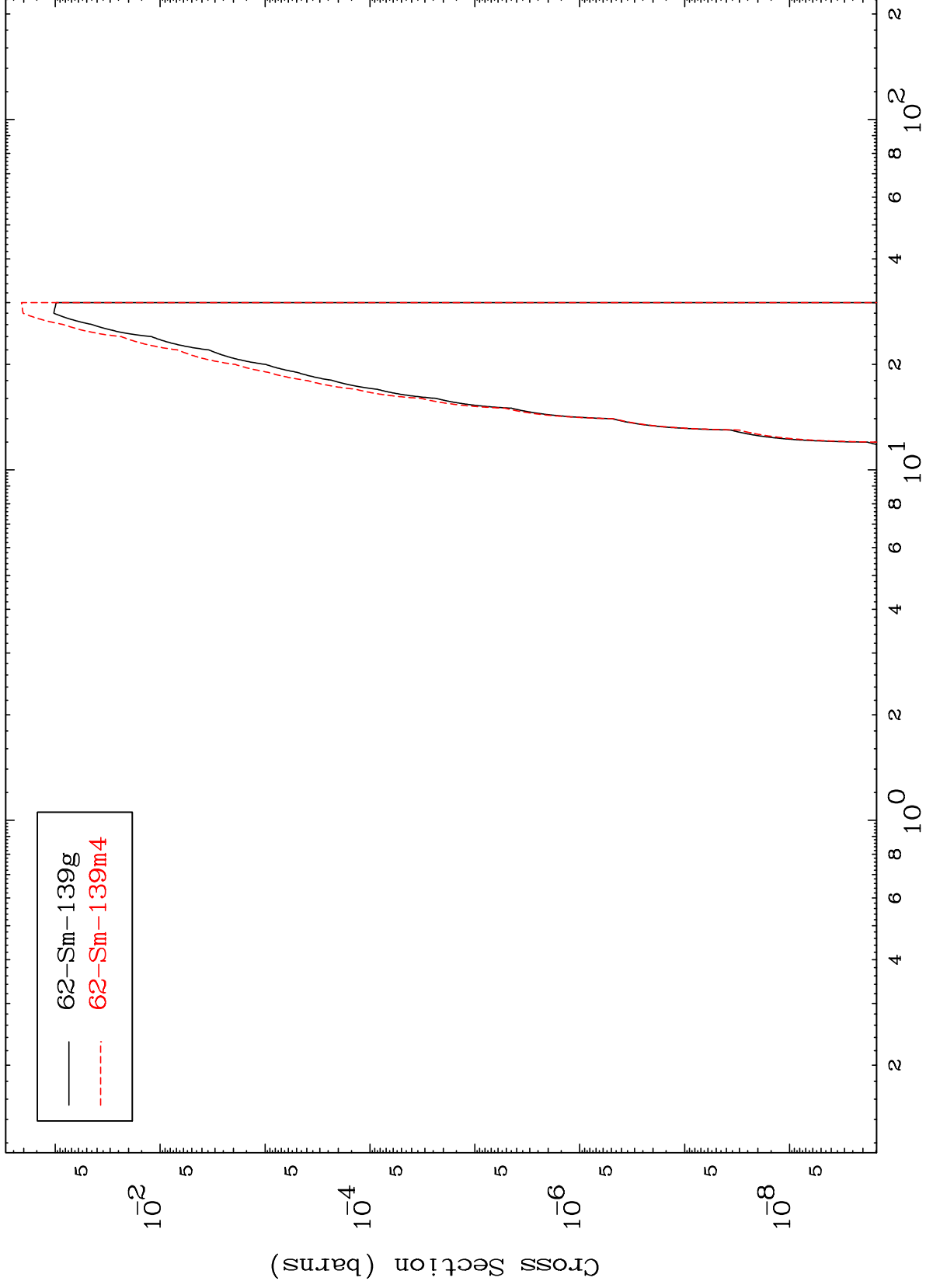


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( $\alpha, \alpha$ )

62-Sm-139

Radionuclide Production Cross Section



16

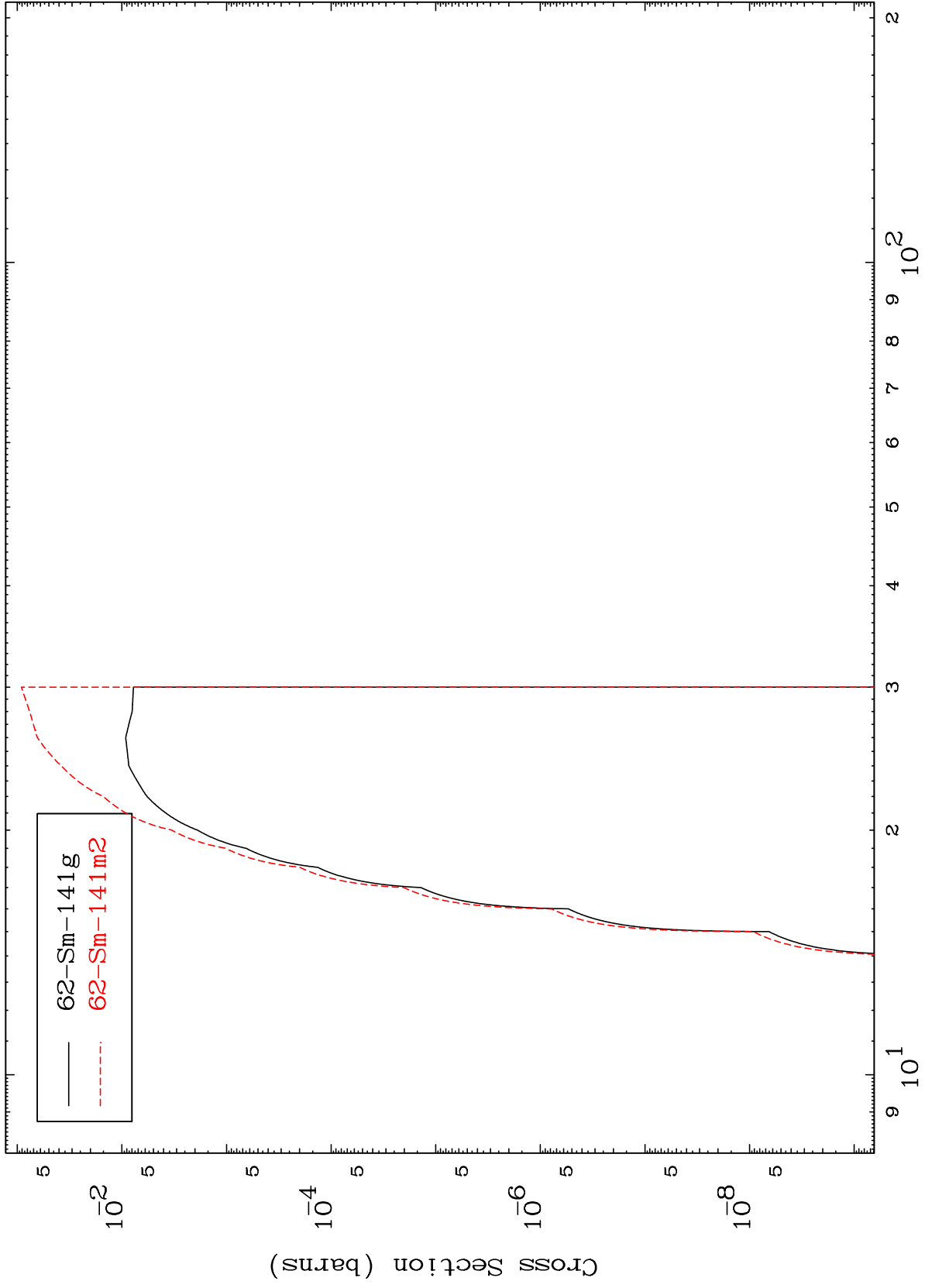
Incident Energy (MeV)

62-Sm-139

MAT 6211

62-Sm-139

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



17

Incident Energy (MeV)

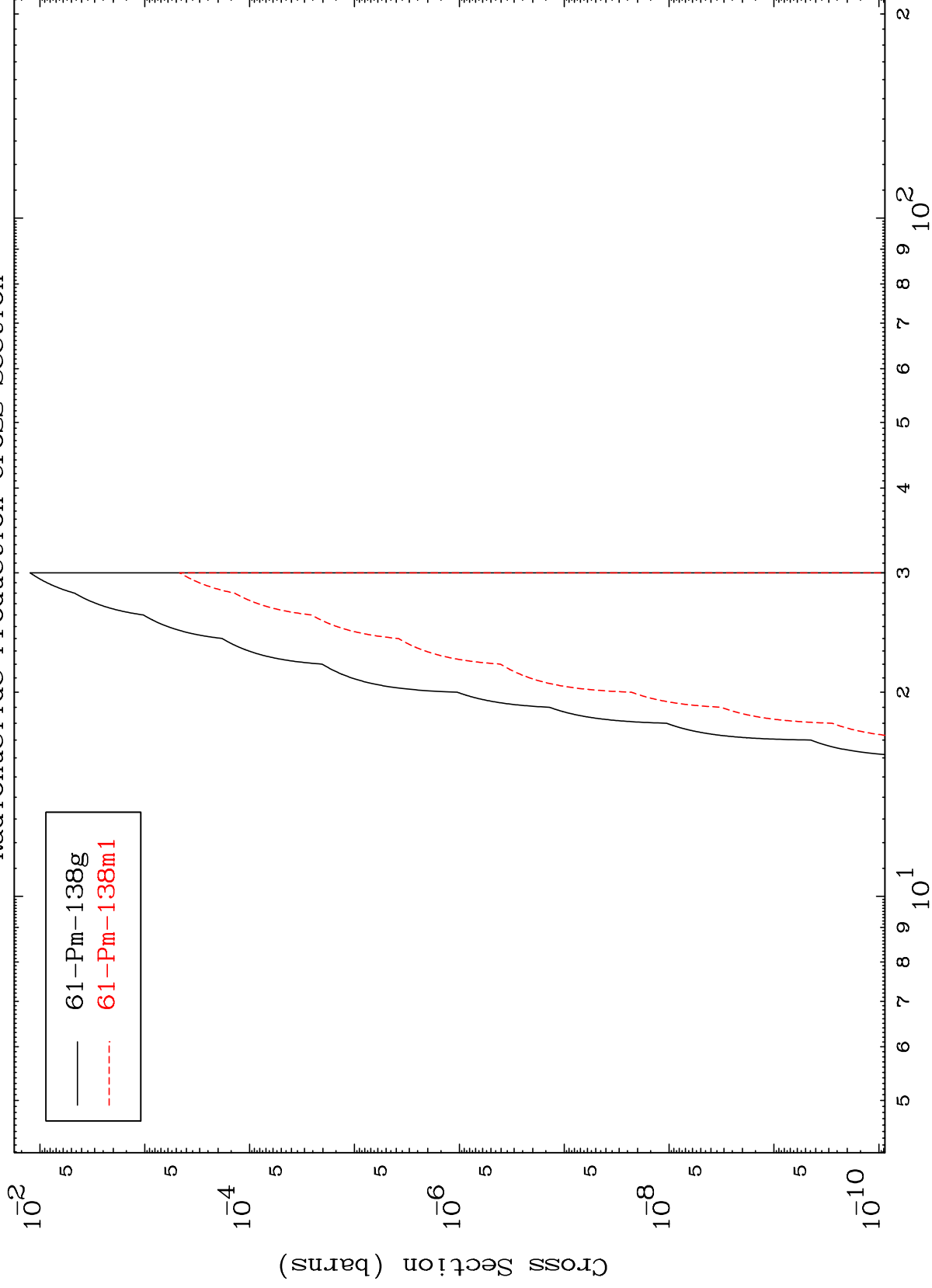
62-Sm-139

MAT 6211

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

62-Sm-139

Radionuclide Production Cross Section



18

Incident Energy (MeV)

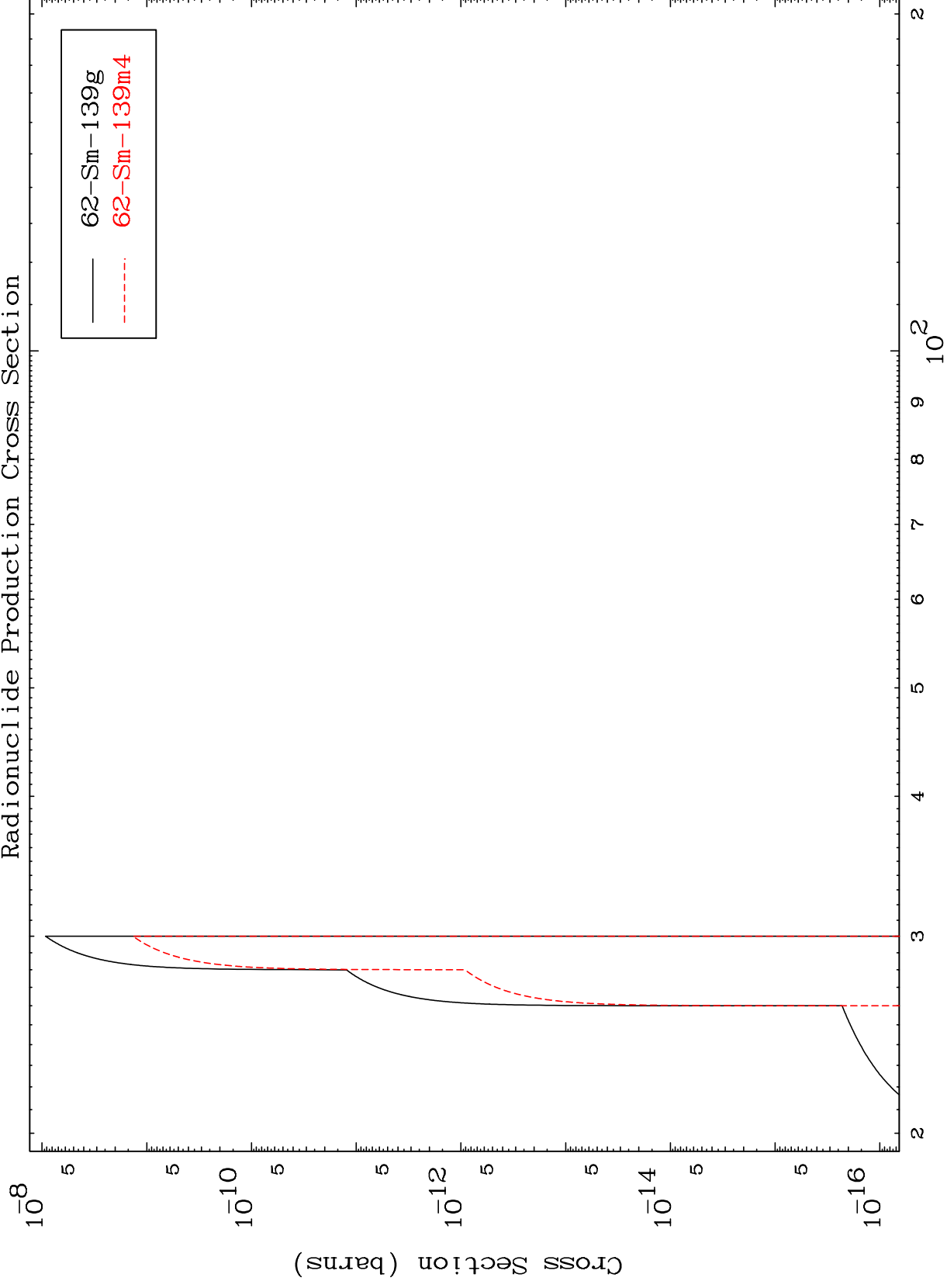
62-Sm-139

MAT 6211

( $\alpha, p$ ) t

62-Sm-139

Radionuclide Production Cross Section



19

Incident Energy (MeV)

62-Sm-139