

Program EVALPLOT  
(Version 2018-1)

by

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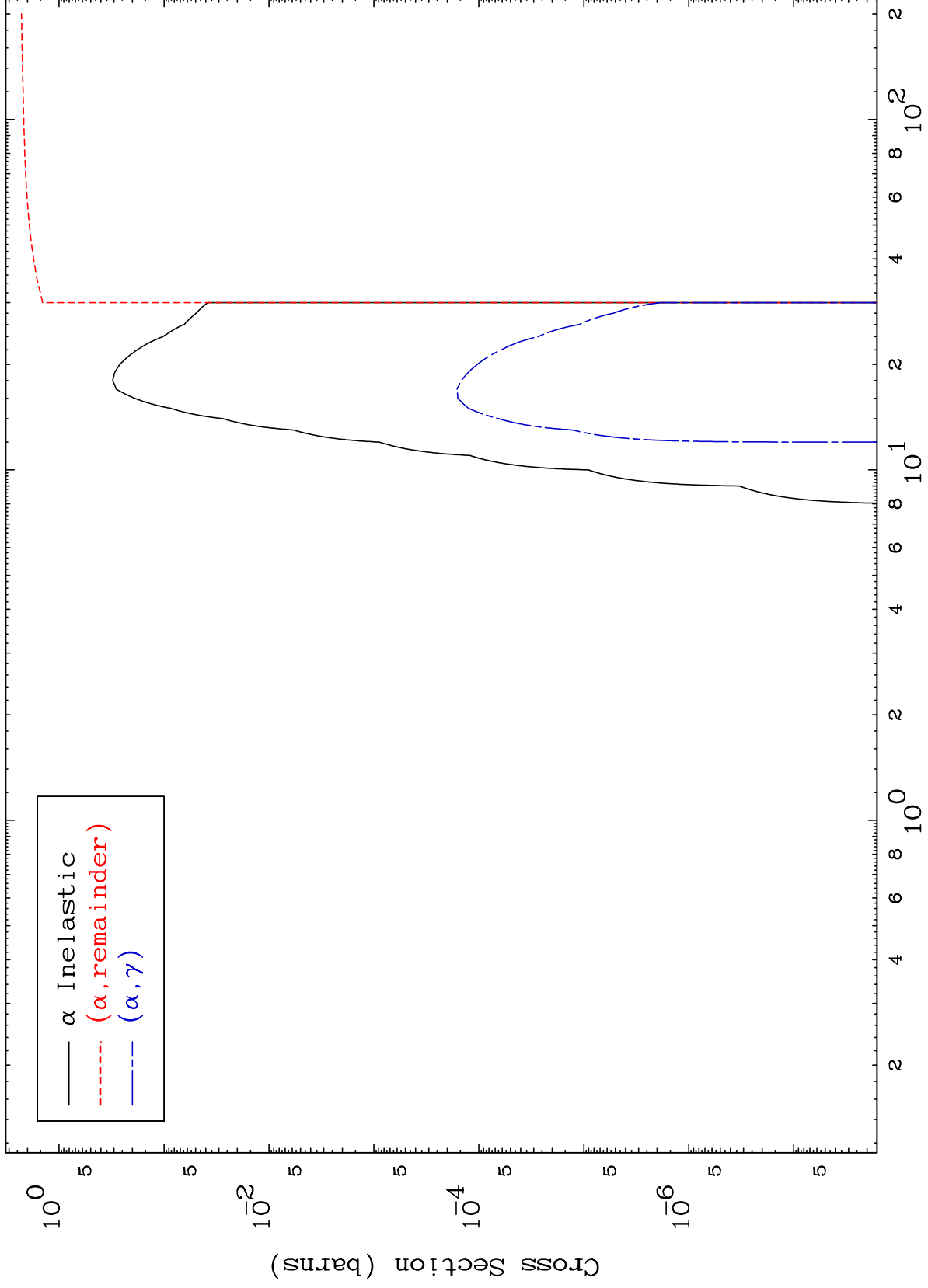
Press Mouse Button to Start

MAT 5441

$\alpha$  Major

54-Xe-129

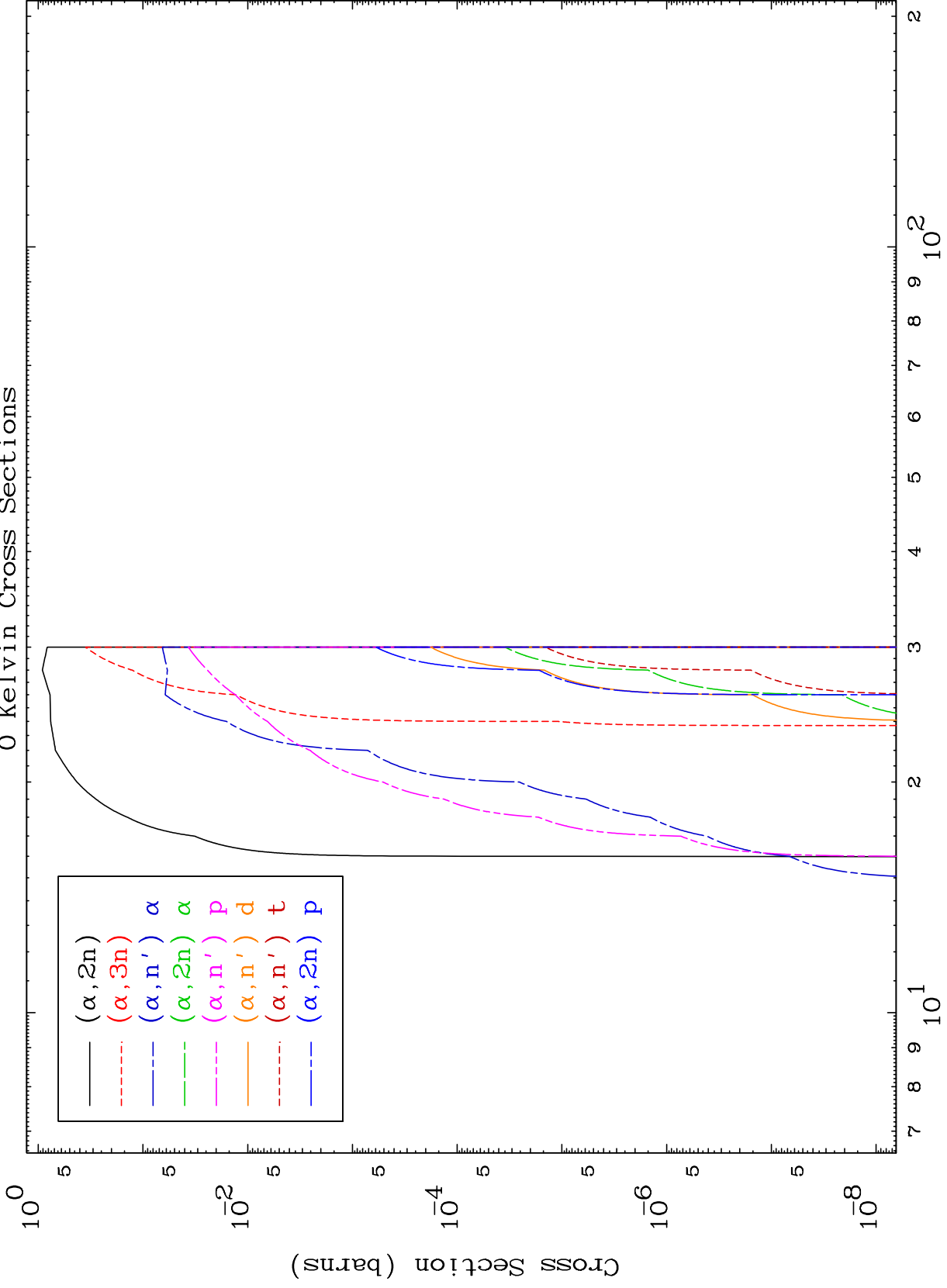
0 Kelvin Cross Sections



MAT 5441

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

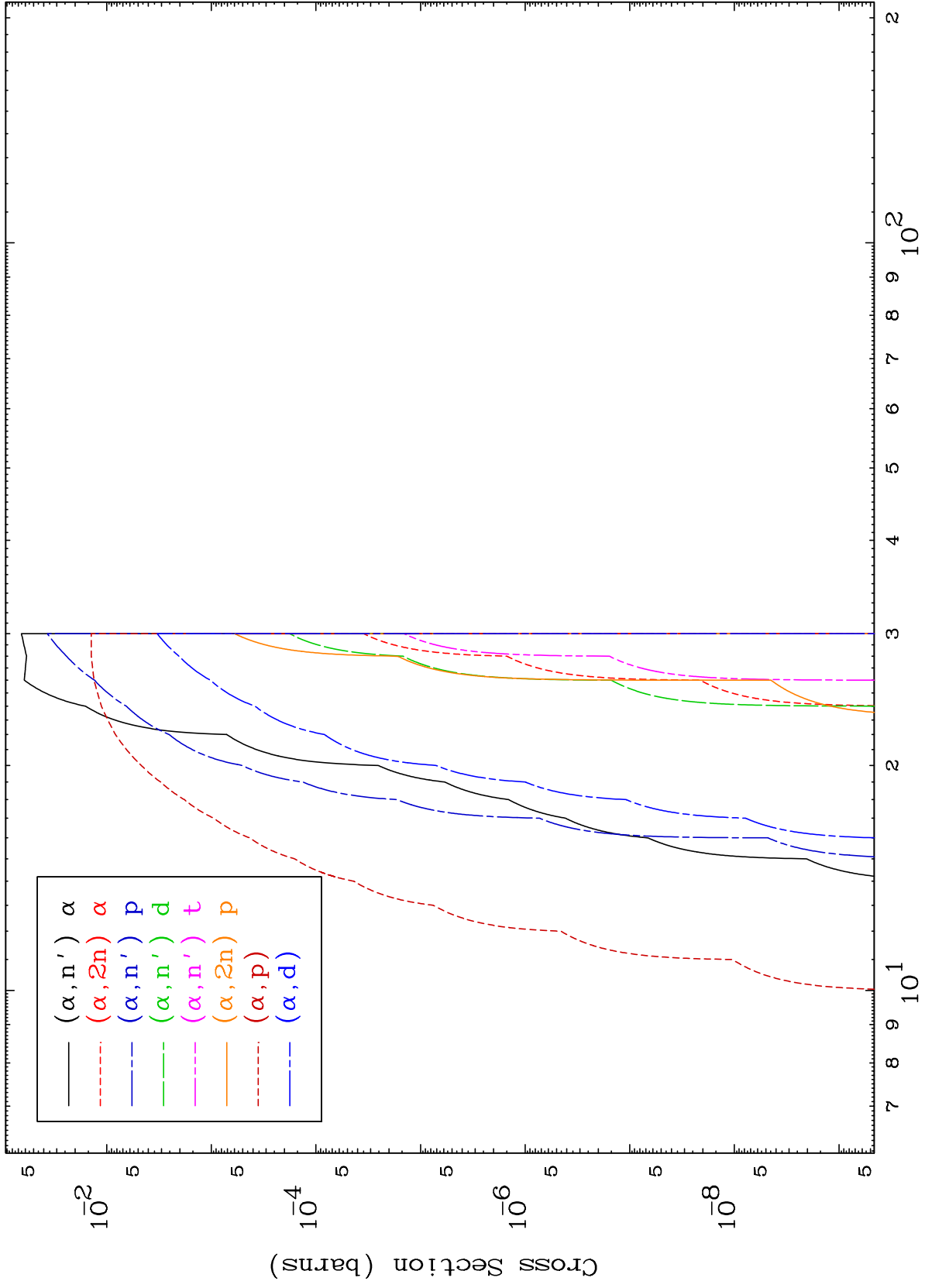
54-Xe-129



2

Incident Energy (MeV)

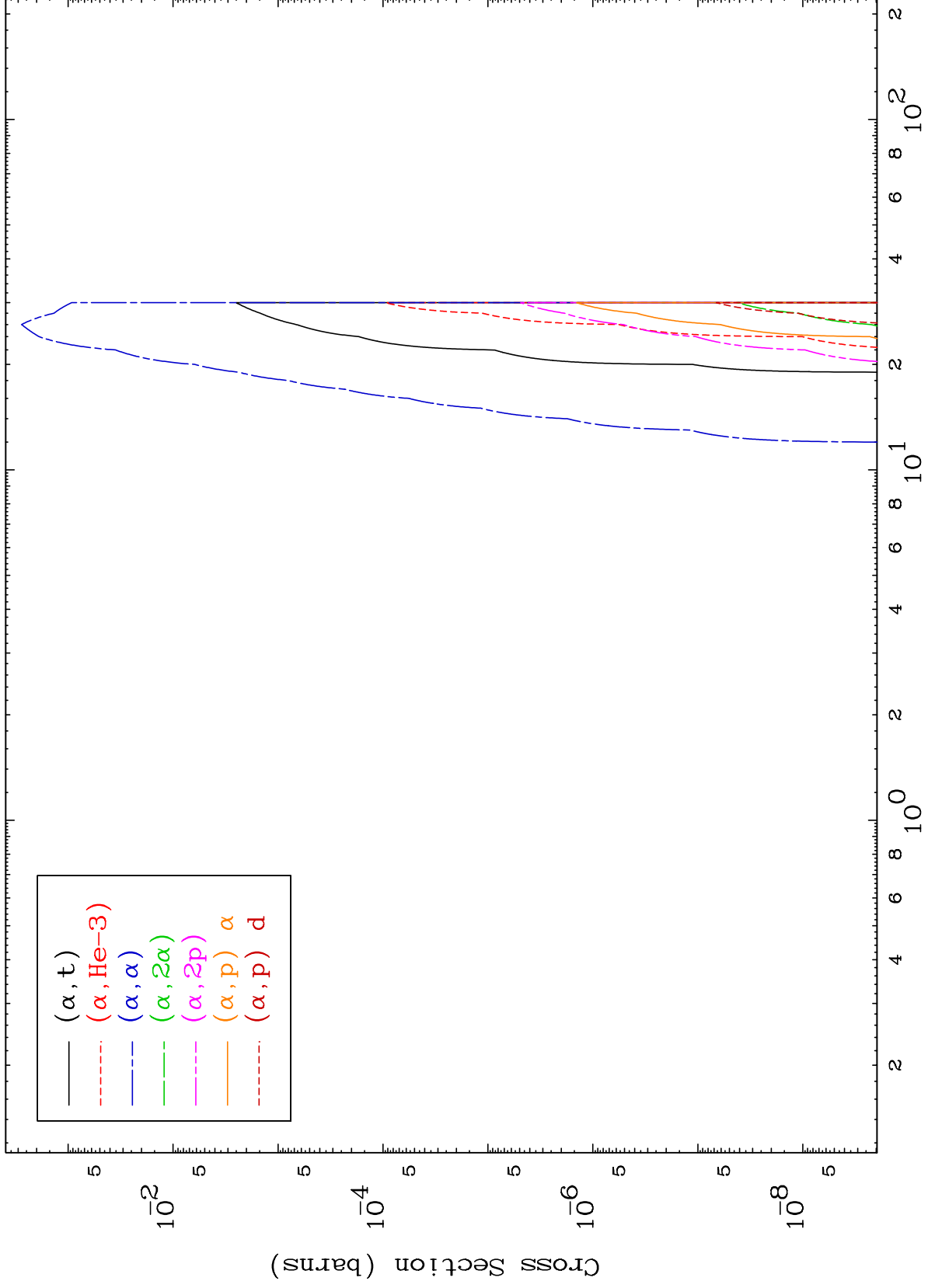
54-Xe-129



MAT 5441

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

54-Xe-129

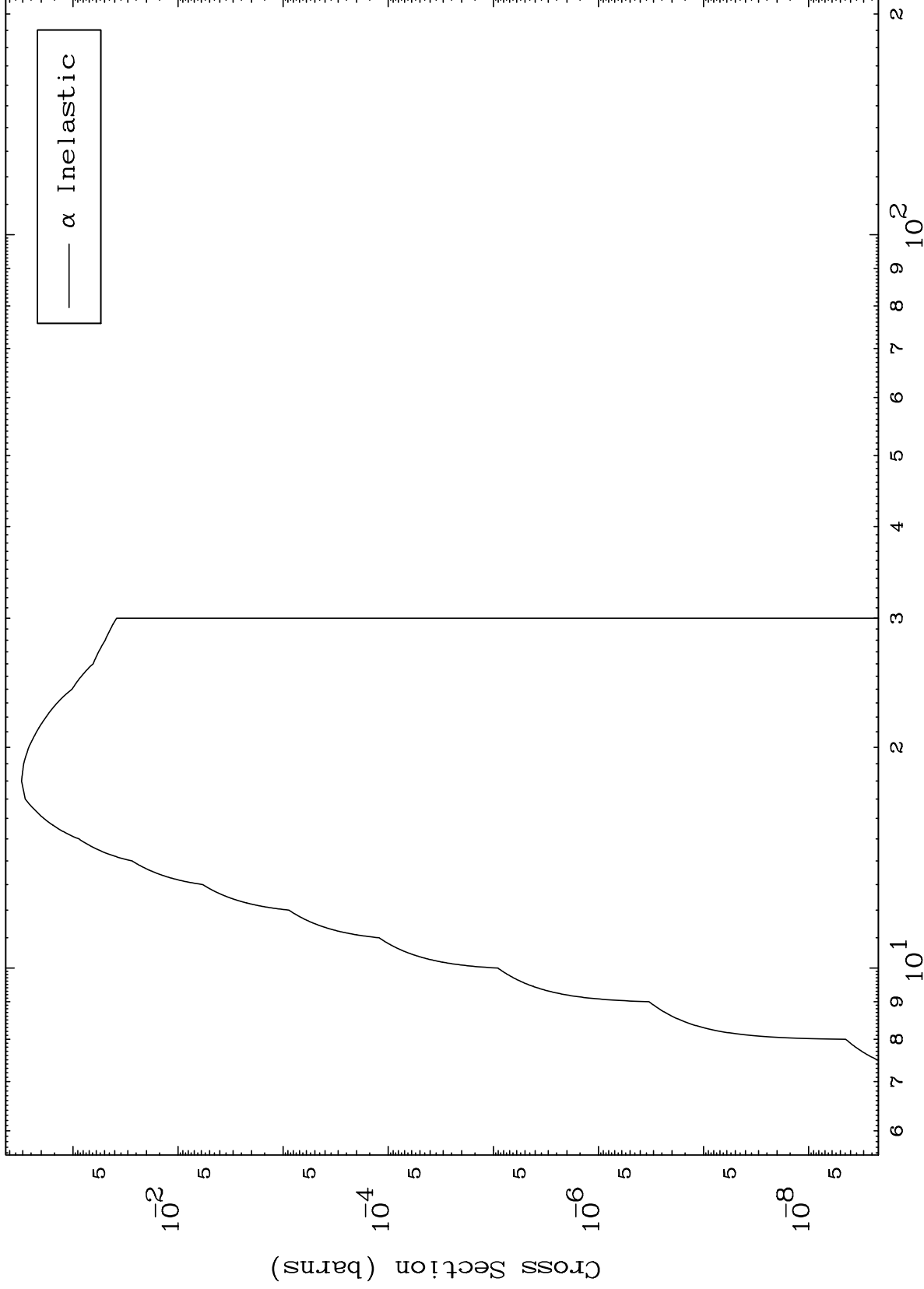


MAT 5441

( $\alpha, n'$ ) Level

54-Xe-129

0 Kelvin Cross Sections



$\alpha$  Inelastic

5

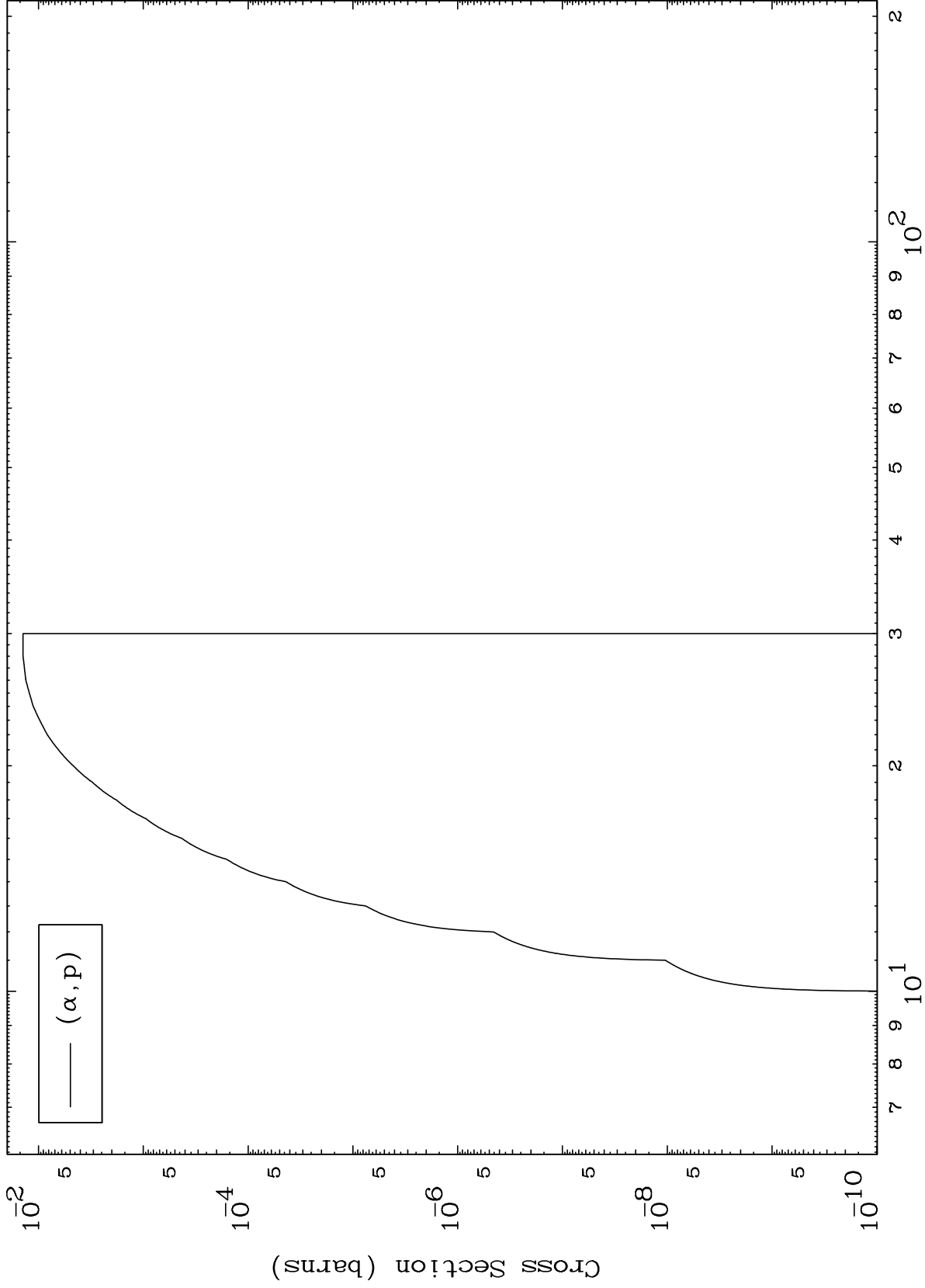
Incident Energy (MeV)

54-Xe-129

MAT 5441

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

54-Xe-129



6

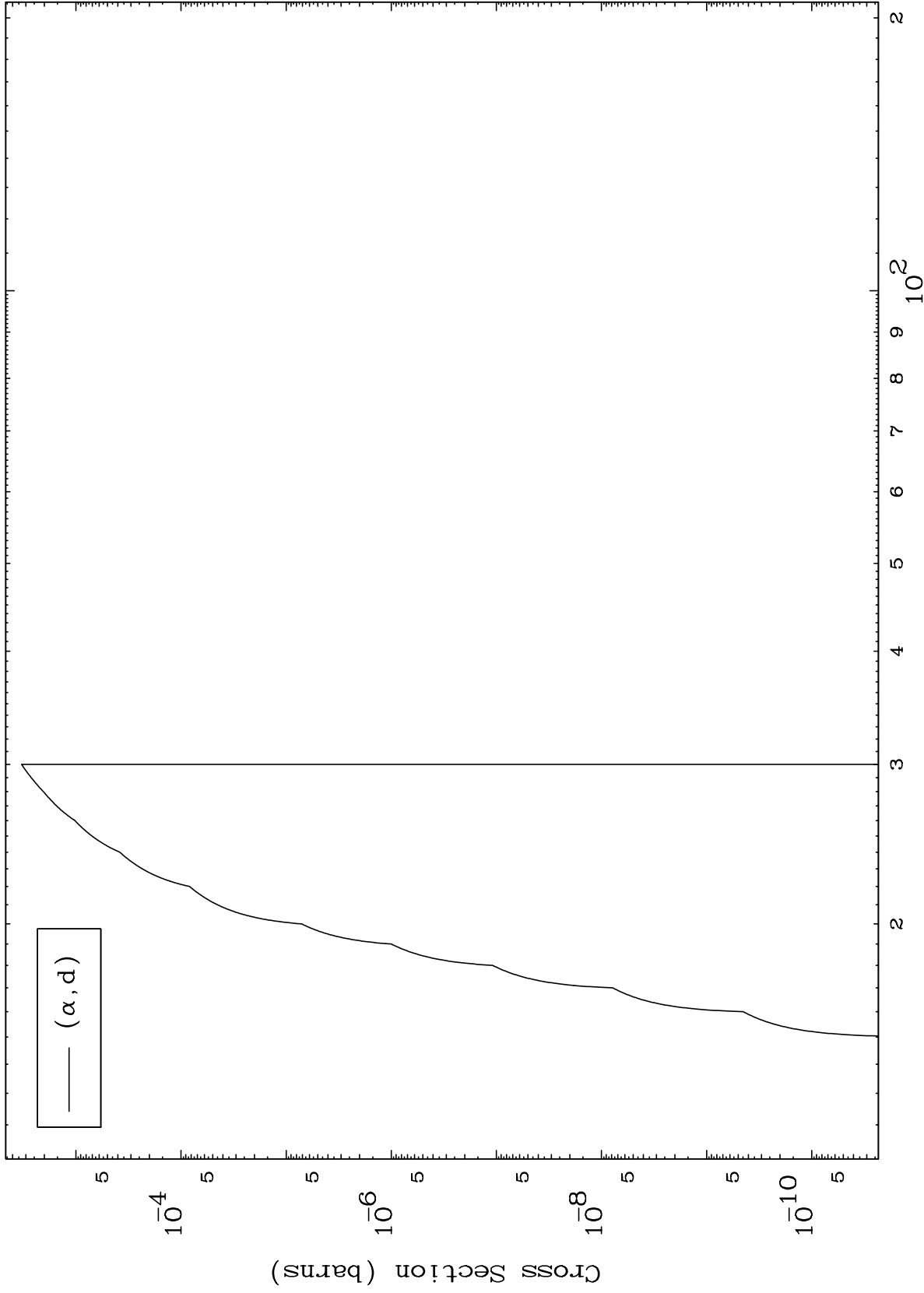
Incident Energy (MeV)

54-Xe-129

MAT 5441

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

54-Xe-129



7

Incident Energy (MeV)

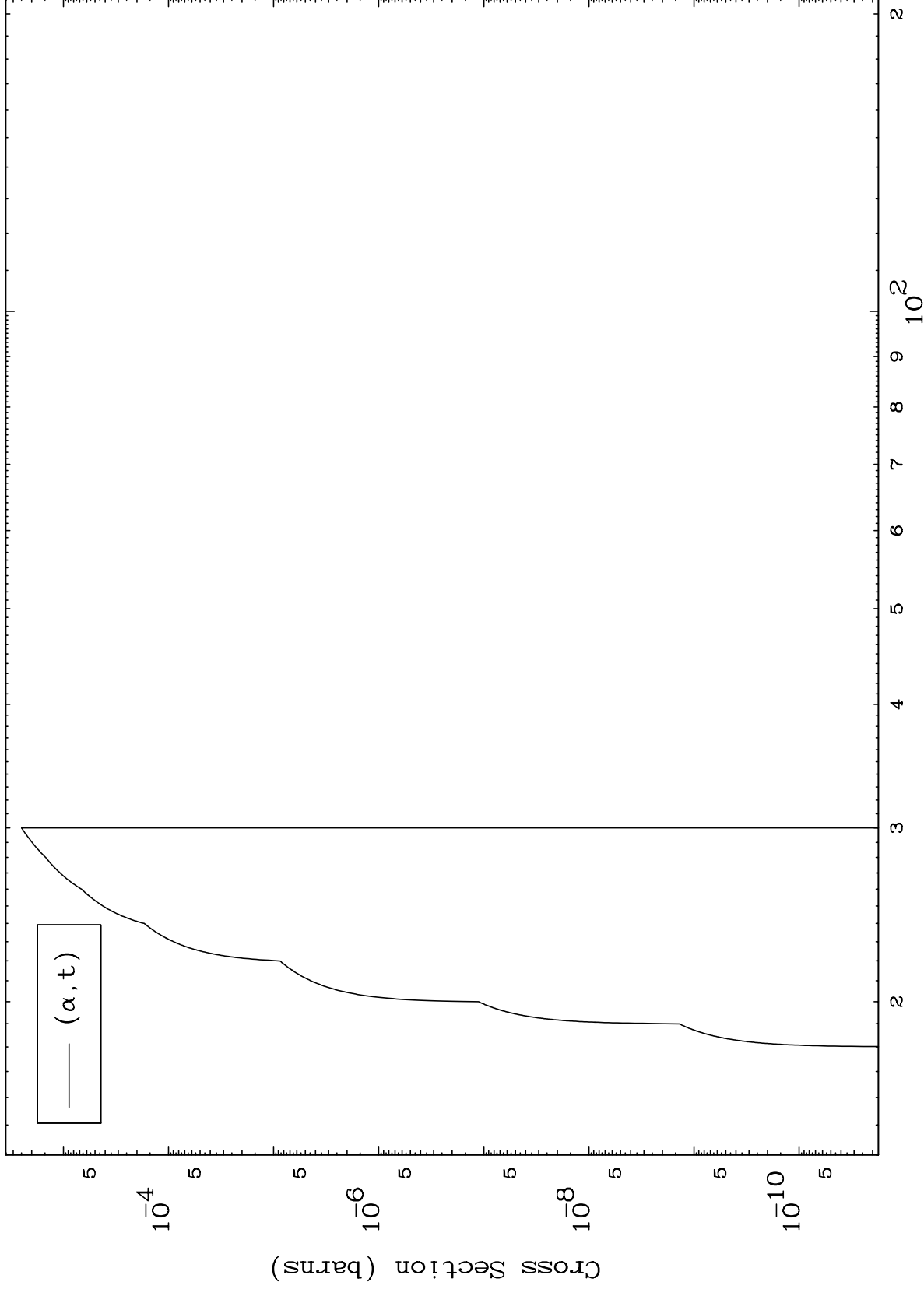
54-Xe-129



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

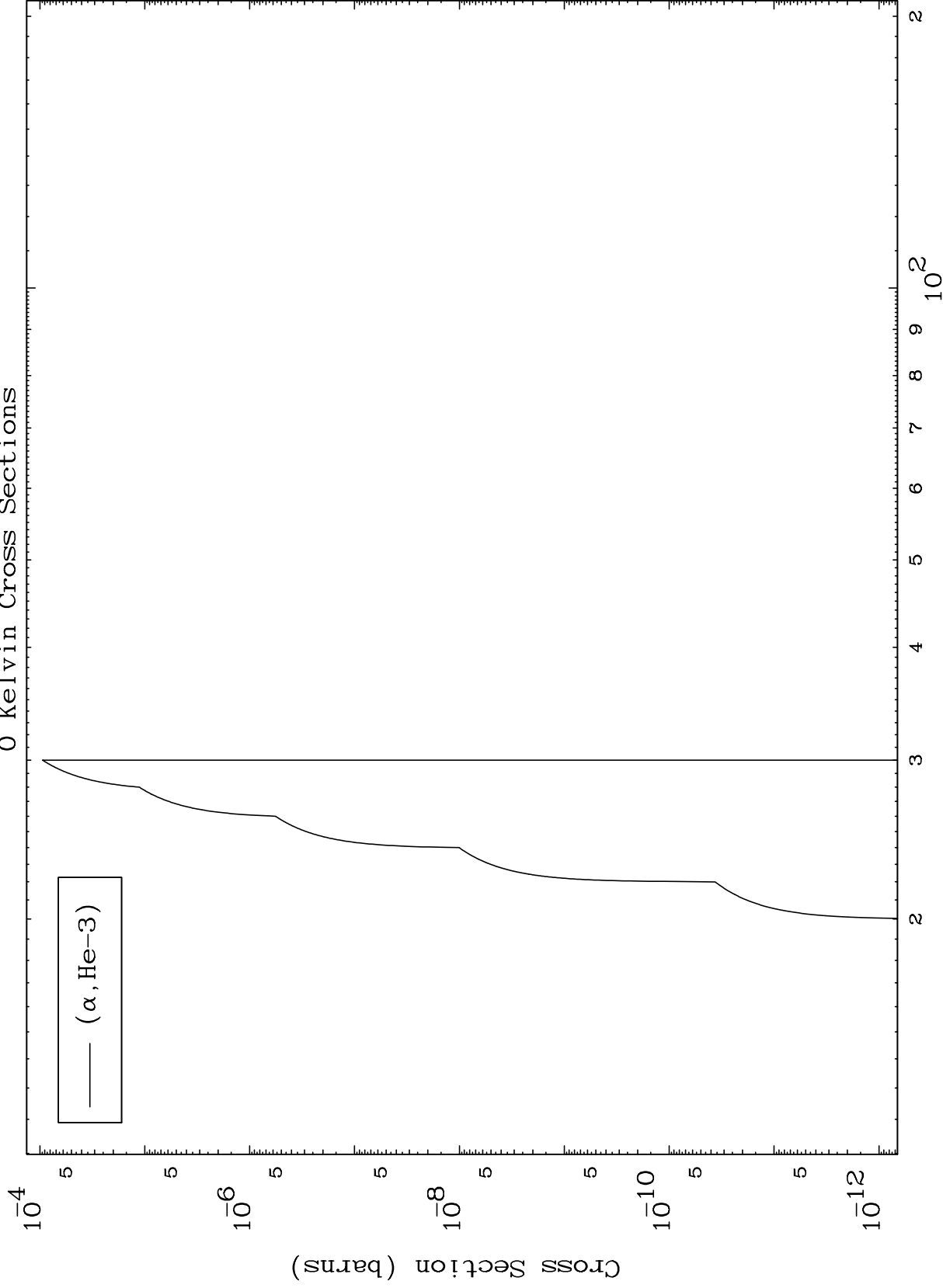
54-Xe-129



8

Incident Energy (MeV)

54-Xe-129

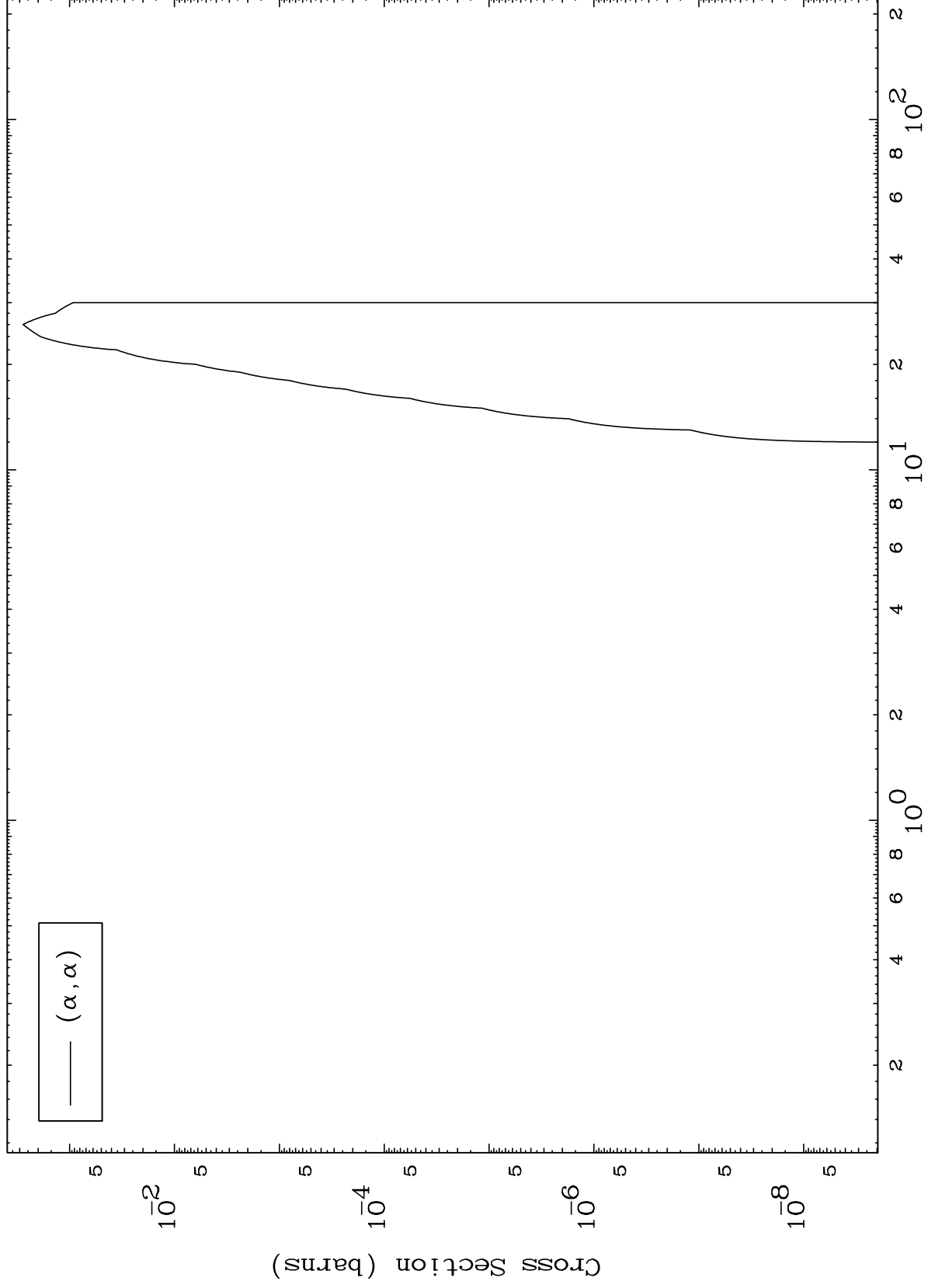


MAT 5441

( $\alpha, \alpha$ ) Levels

54-Xe-129

0 Kelvin Cross Sections



10

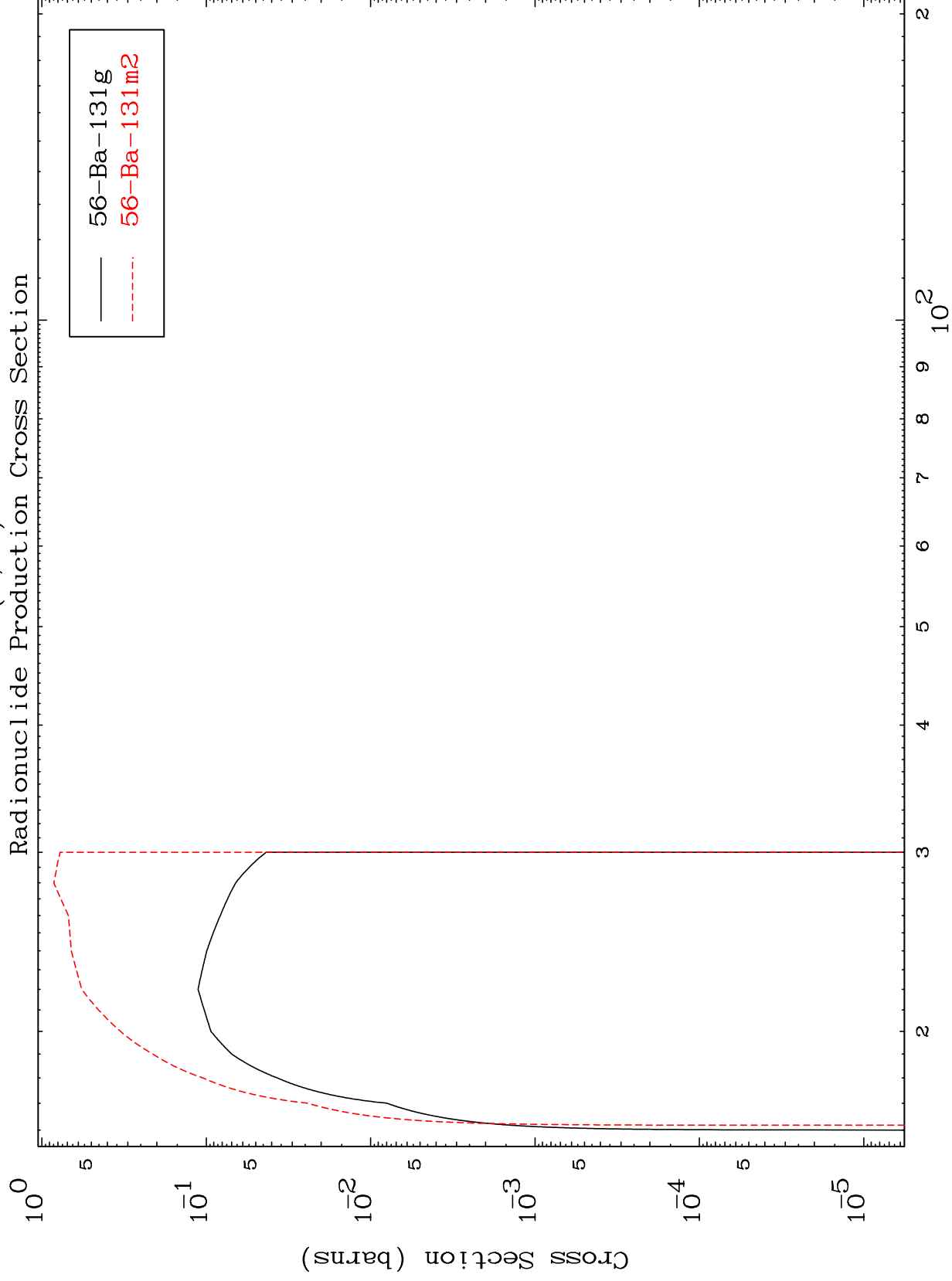
Incident Energy (MeV)

54-Xe-129

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54-Xe-129

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



11

Incident Energy (MeV)

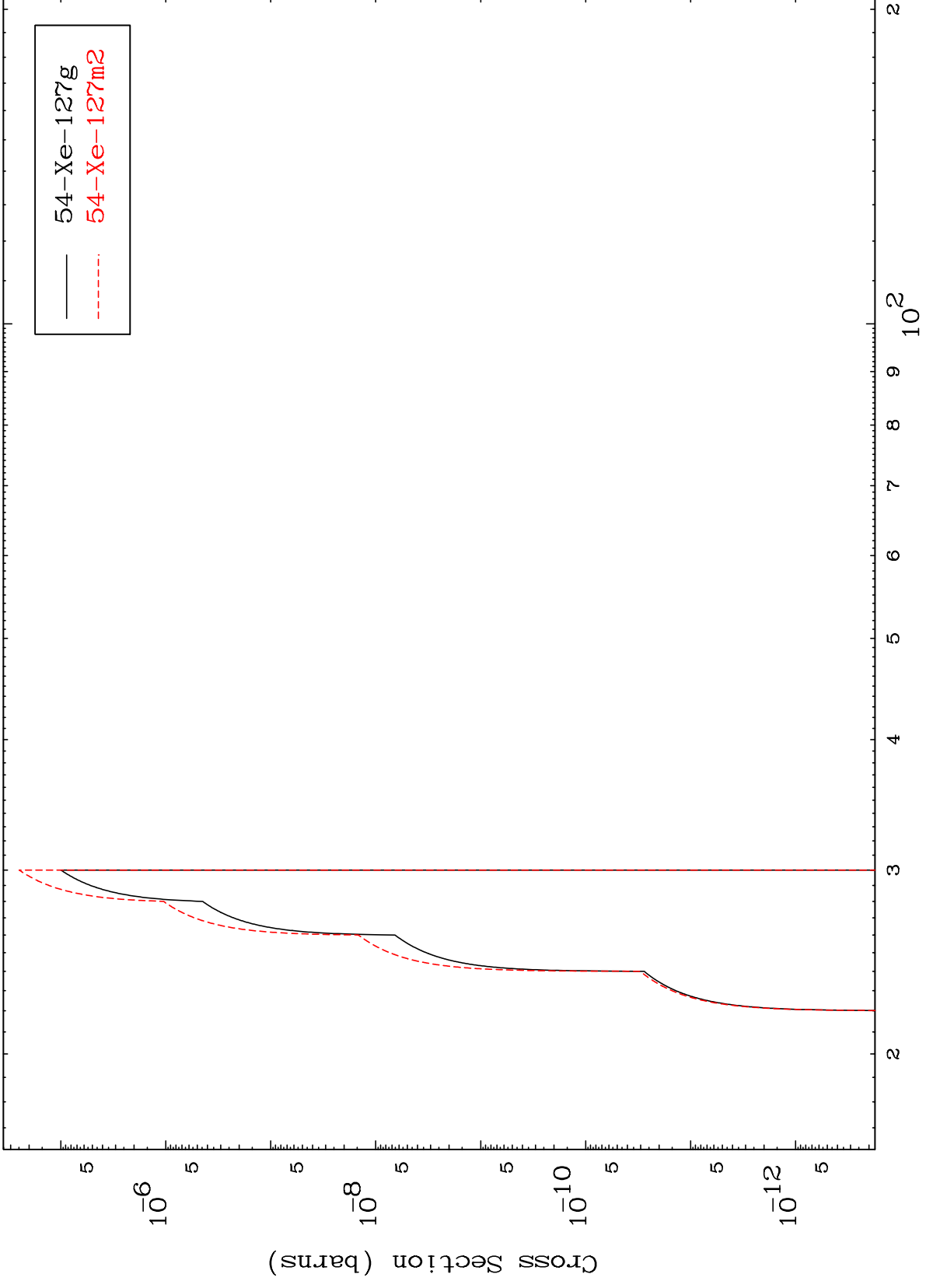
54-Xe-129

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54-Xe-129

$(\alpha, 2n) \alpha$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

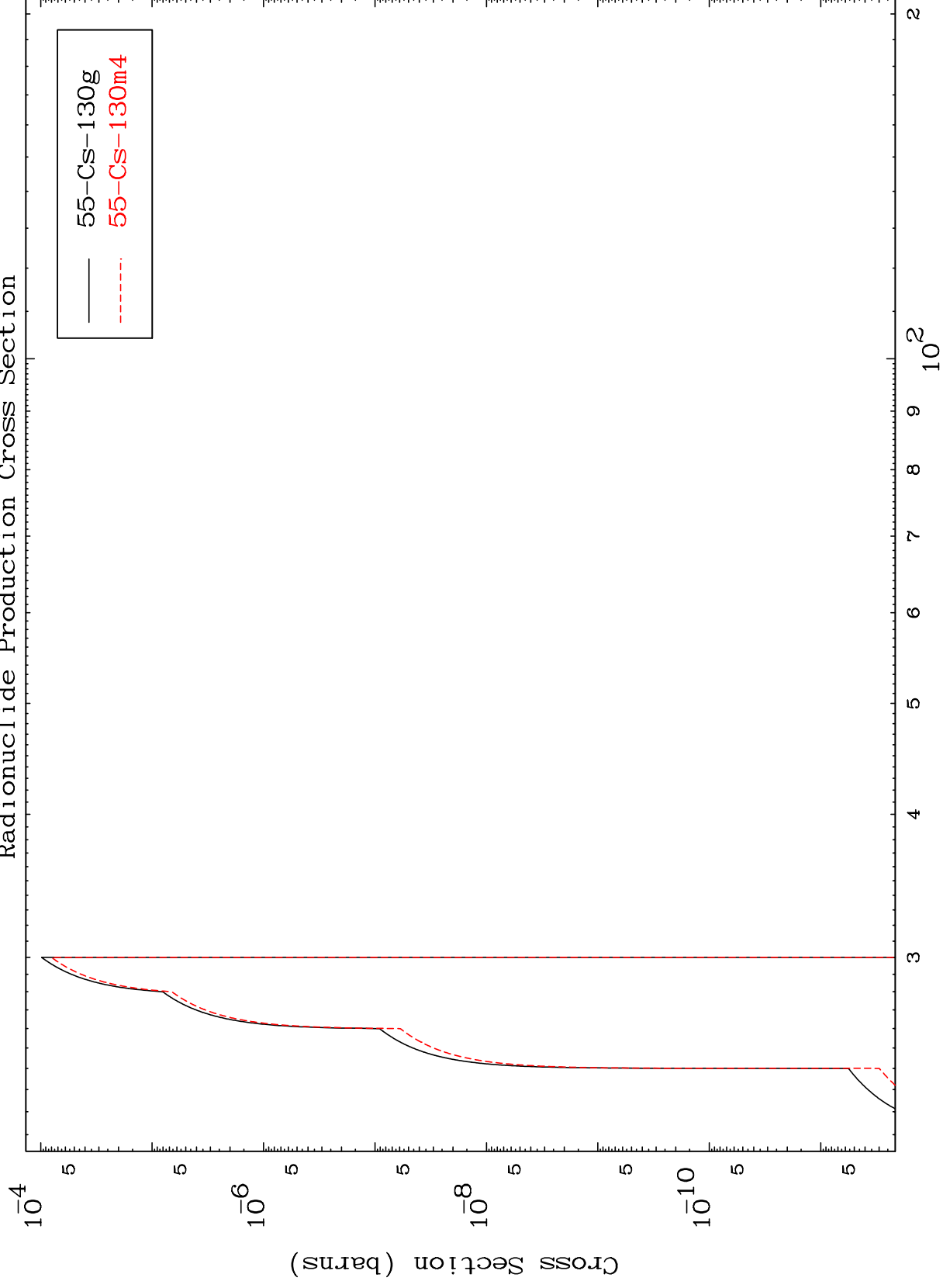
54-Xe-129

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$(\alpha, n')$  d

54-Xe-129

Radionuclide Production Cross Section



13

Incident Energy (MeV)

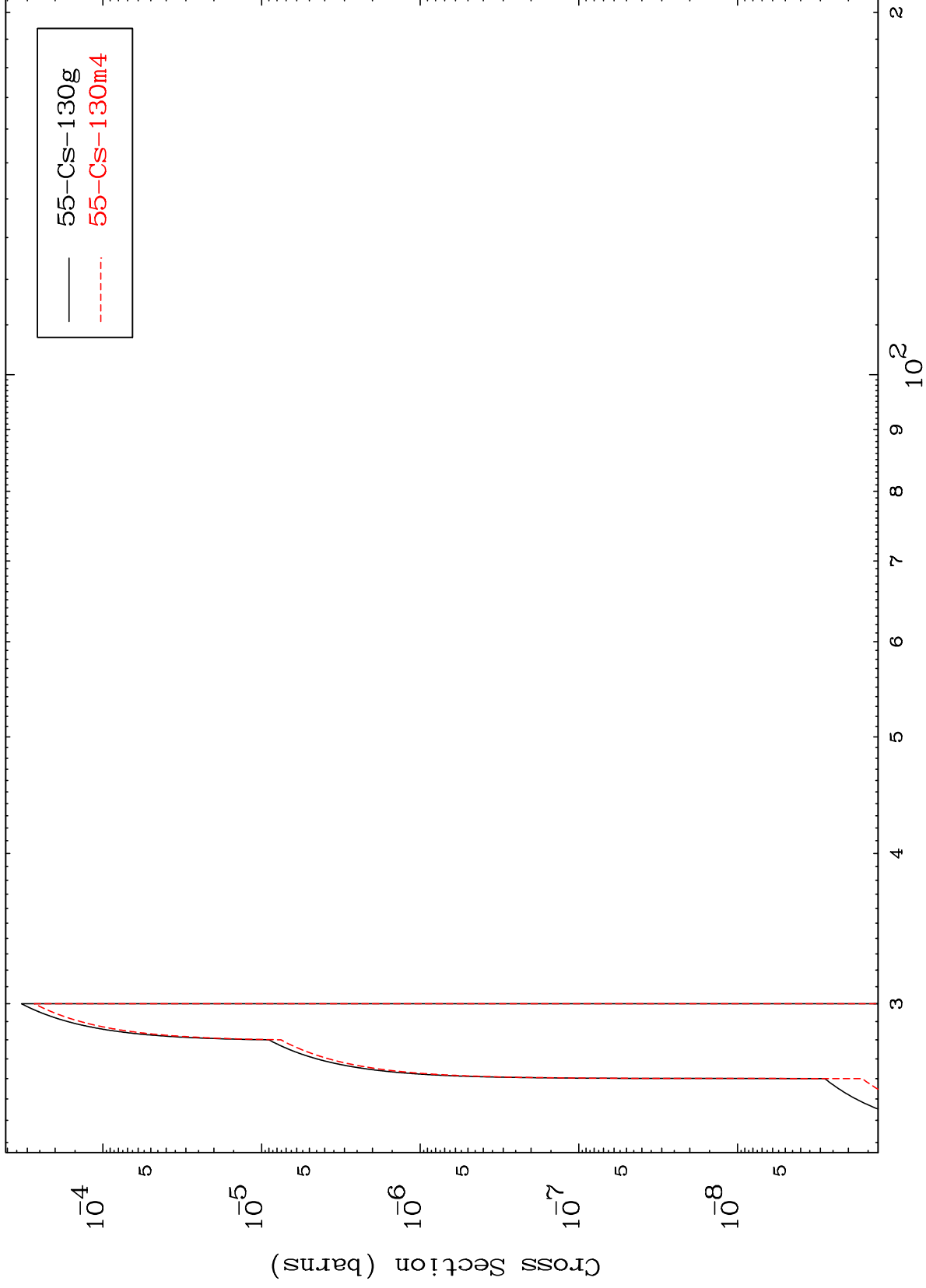
54-Xe-129

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$(\alpha, 2n)$  p

54-Xe-129

Radionuclide Production Cross Section



14

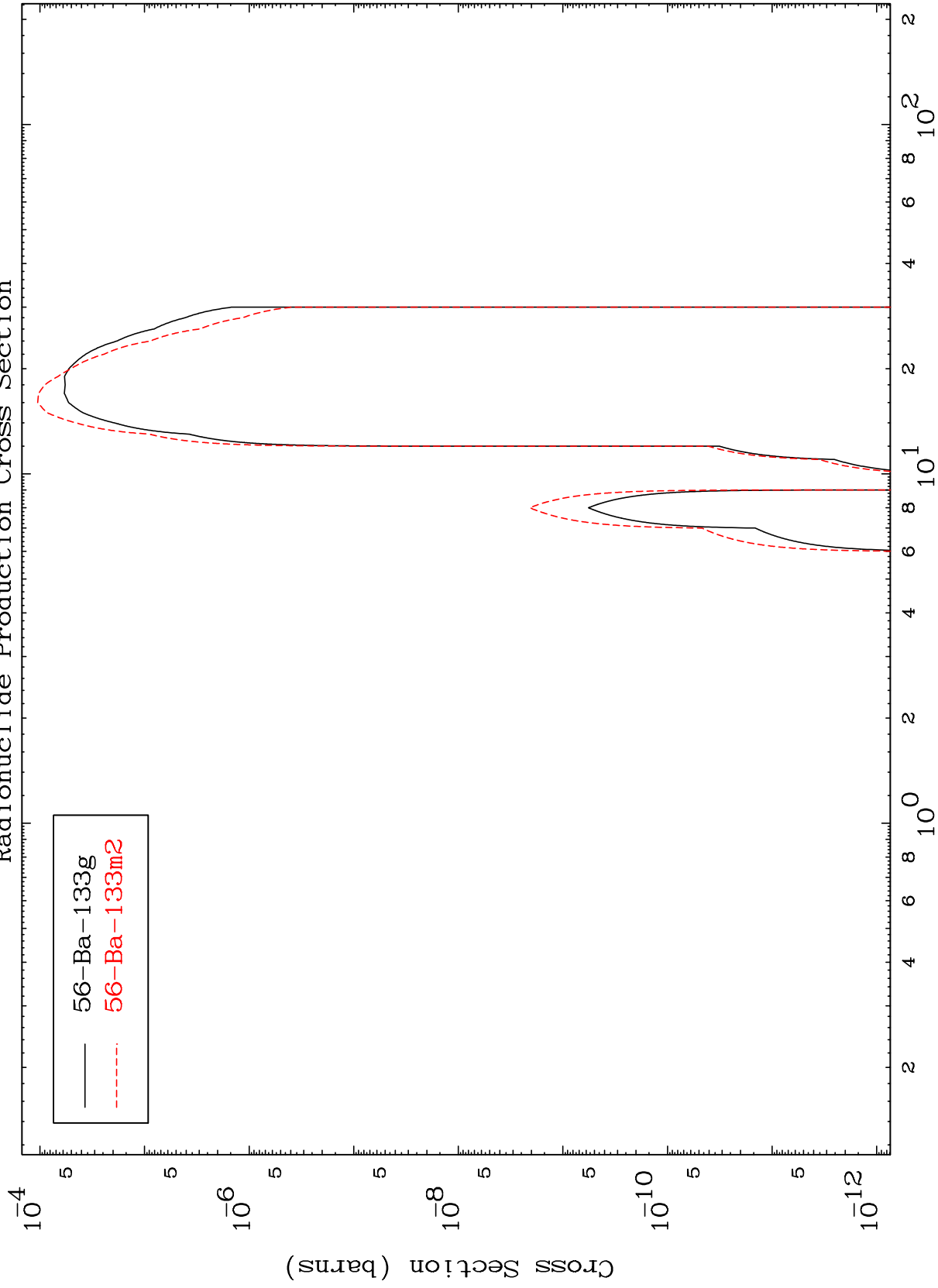
Incident Energy (MeV)

54-Xe-129

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54-Xe-129

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



15

54-Xe-129

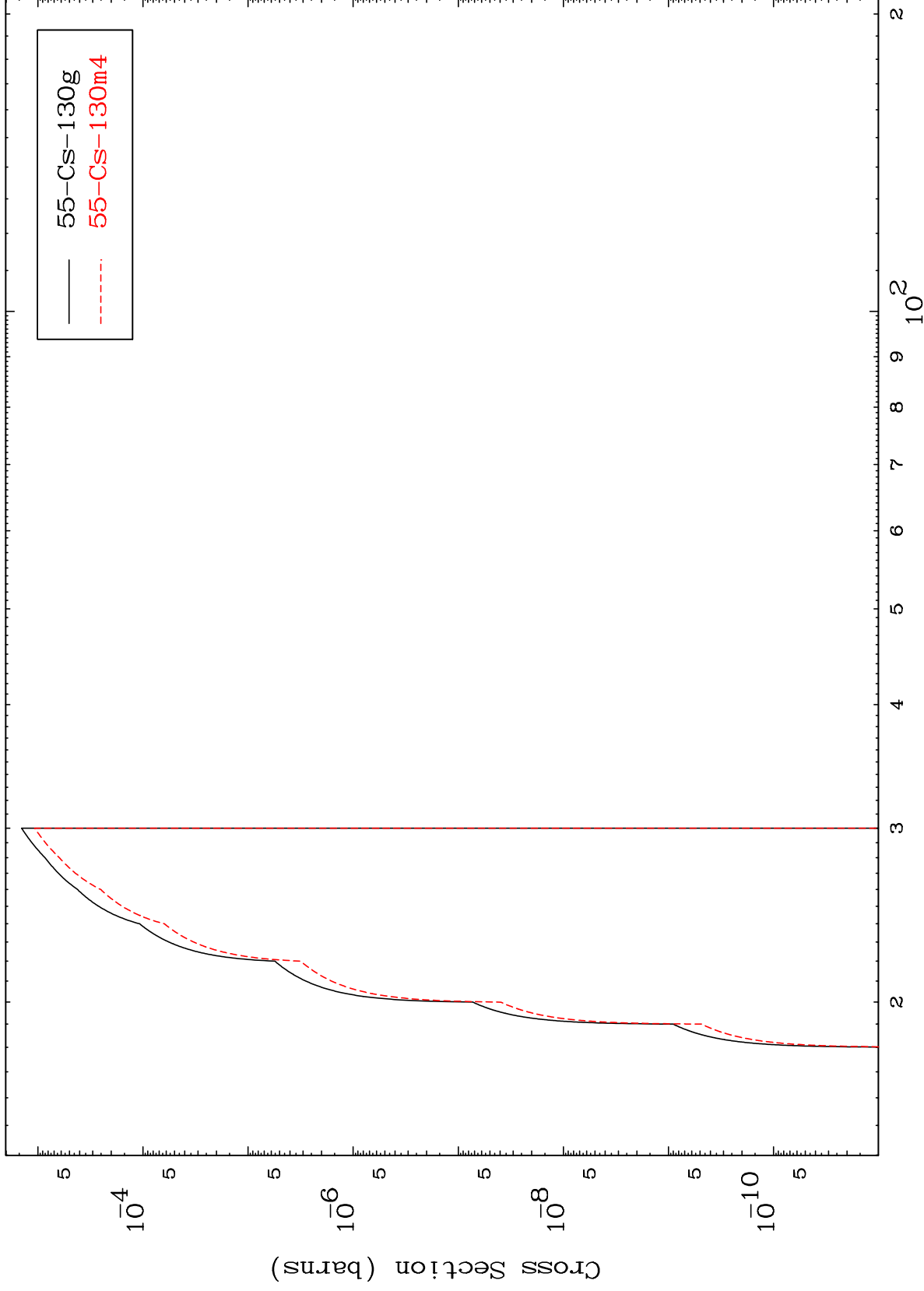
Incident Energy (MeV)



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54-Xe-129

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



16

54-Xe-129

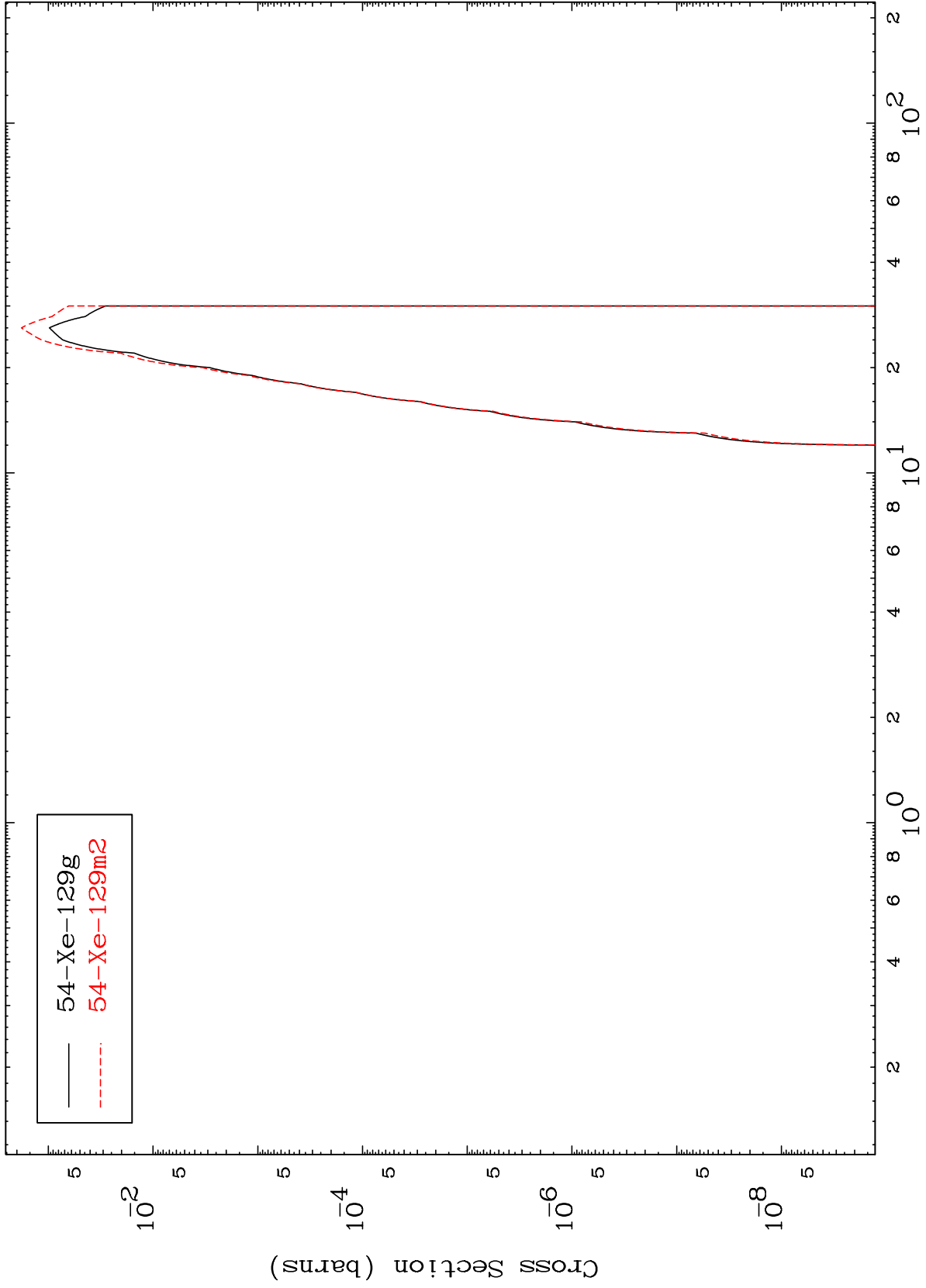
Incident Energy (MeV)

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54-Xe-129

( $\alpha, \alpha$ )

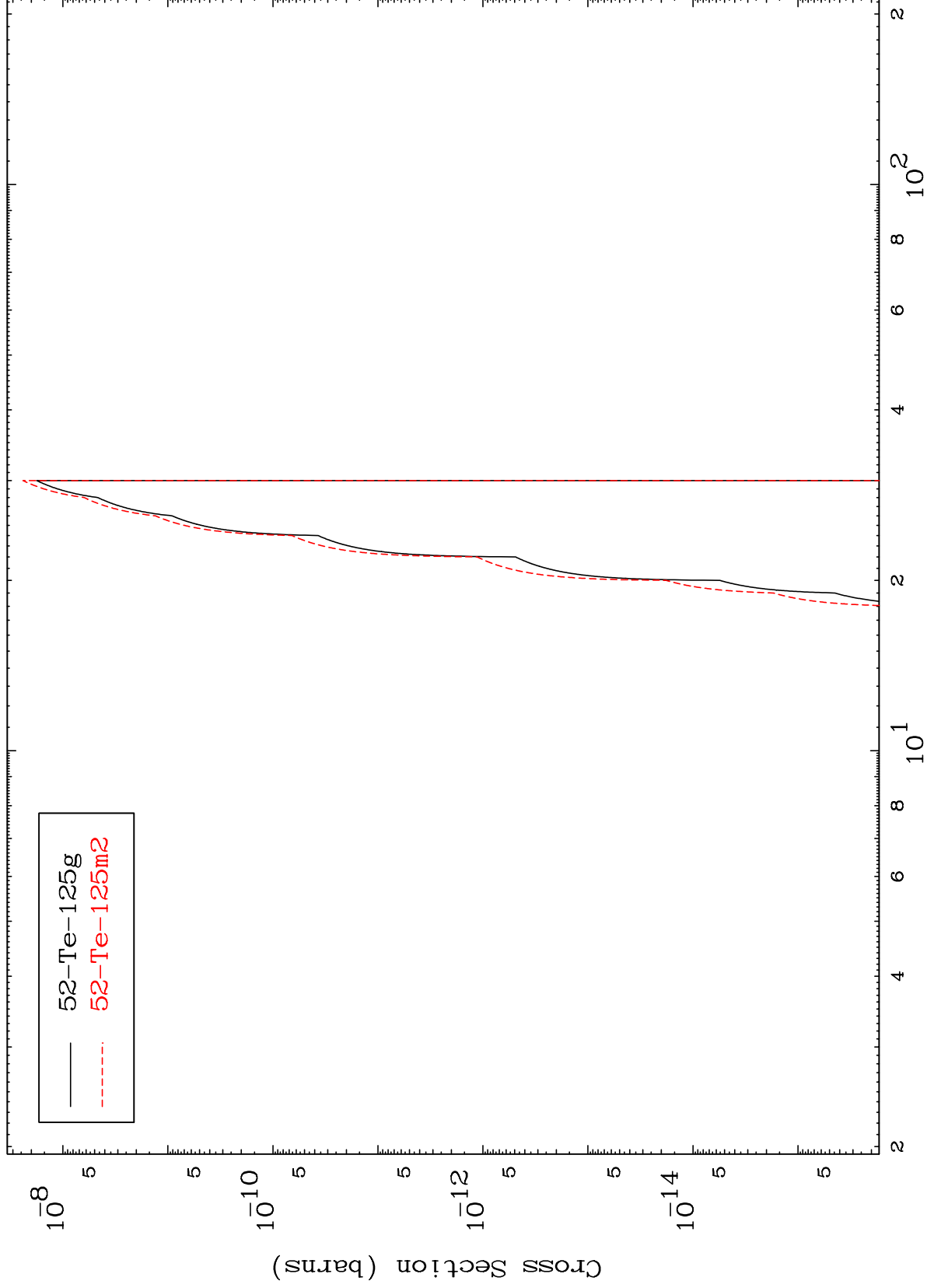
Radionuclide Production Cross Section



MAT 5441

54-Xe-129

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



54-Xe-129

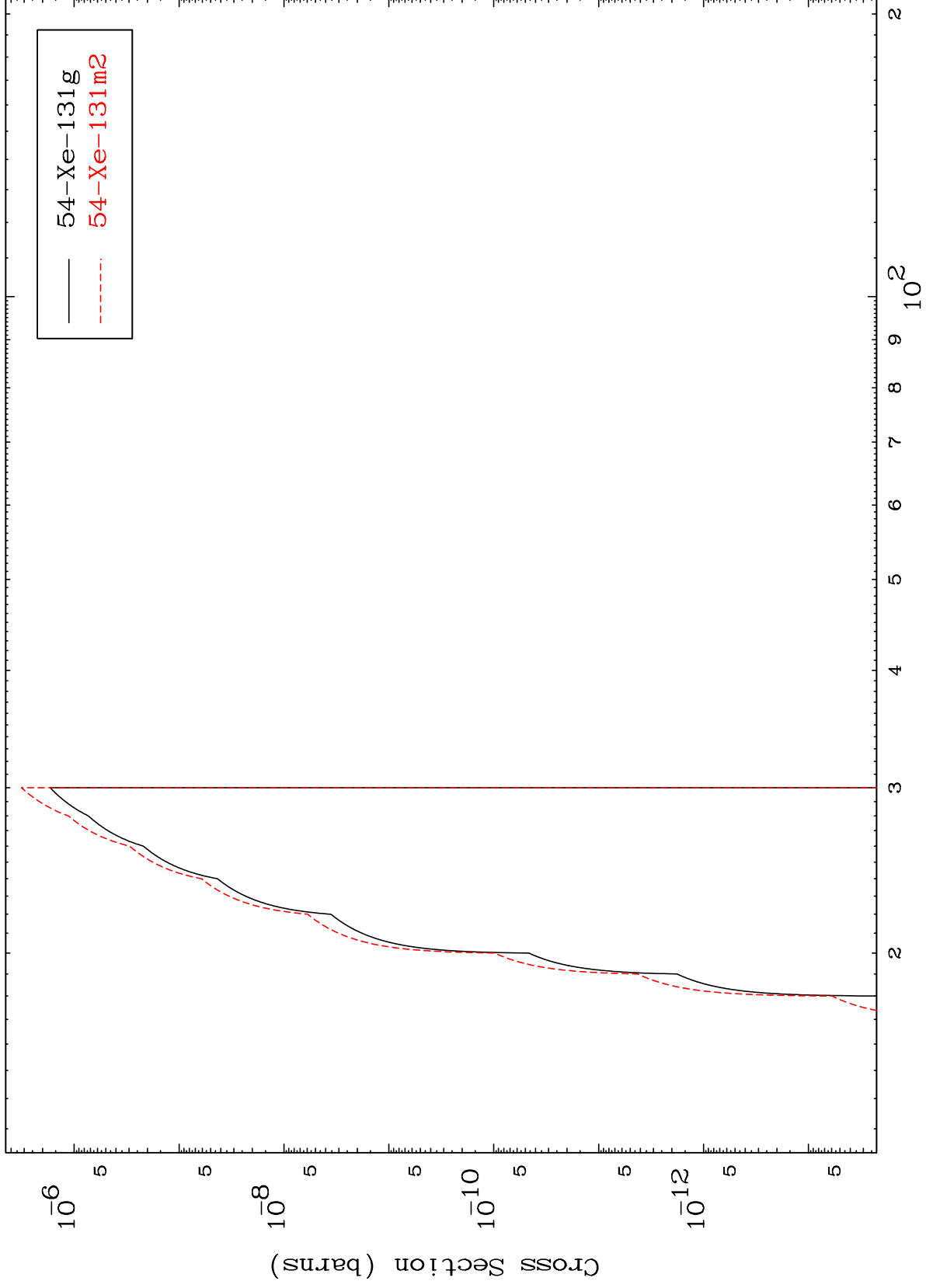
Incident Energy (MeV)

18

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54-Xe-129

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



19

54-Xe-129

Incident Energy (MeV)