

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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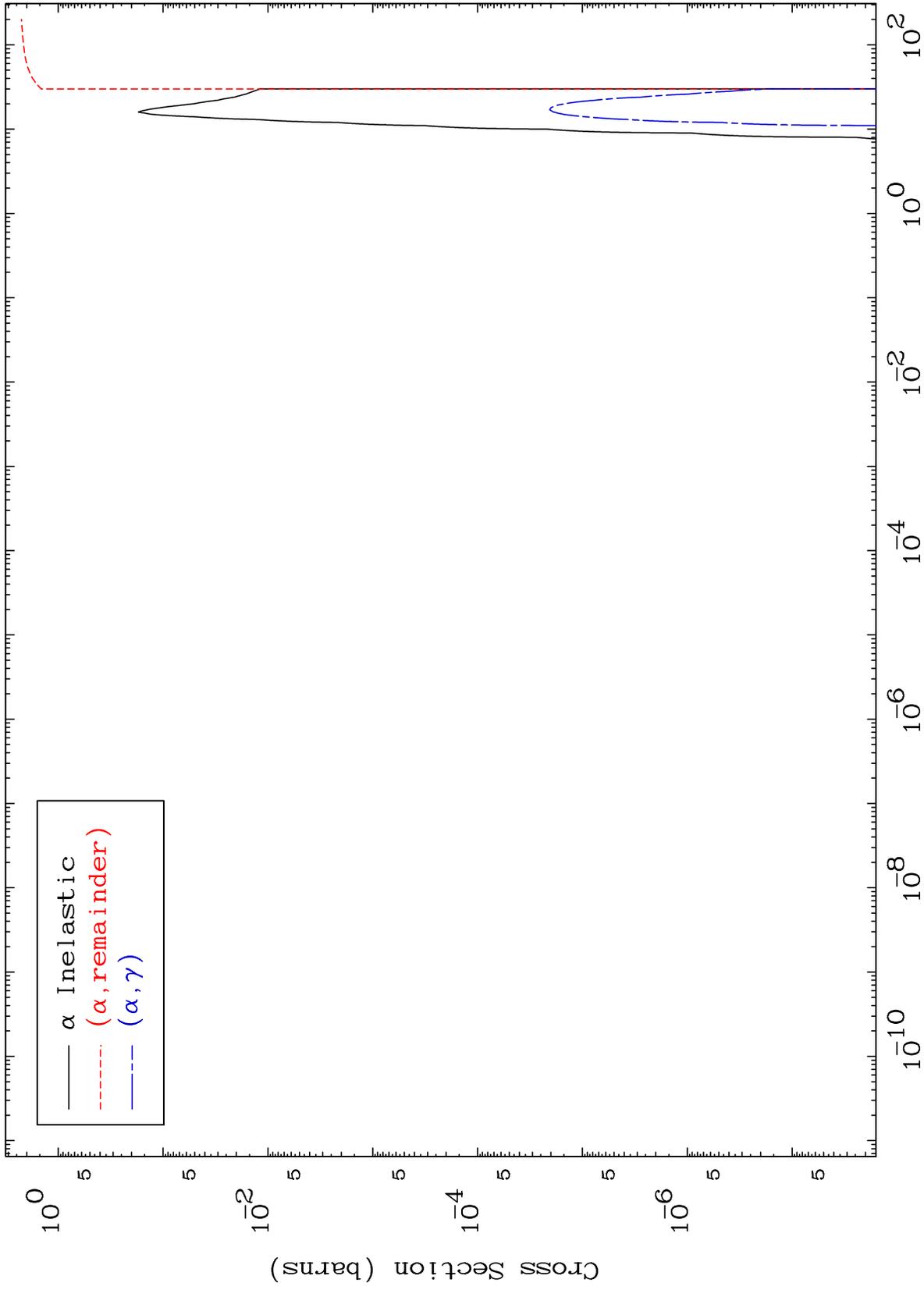
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5240

0 Kelvin  $\alpha$  Major  
Cross Sections

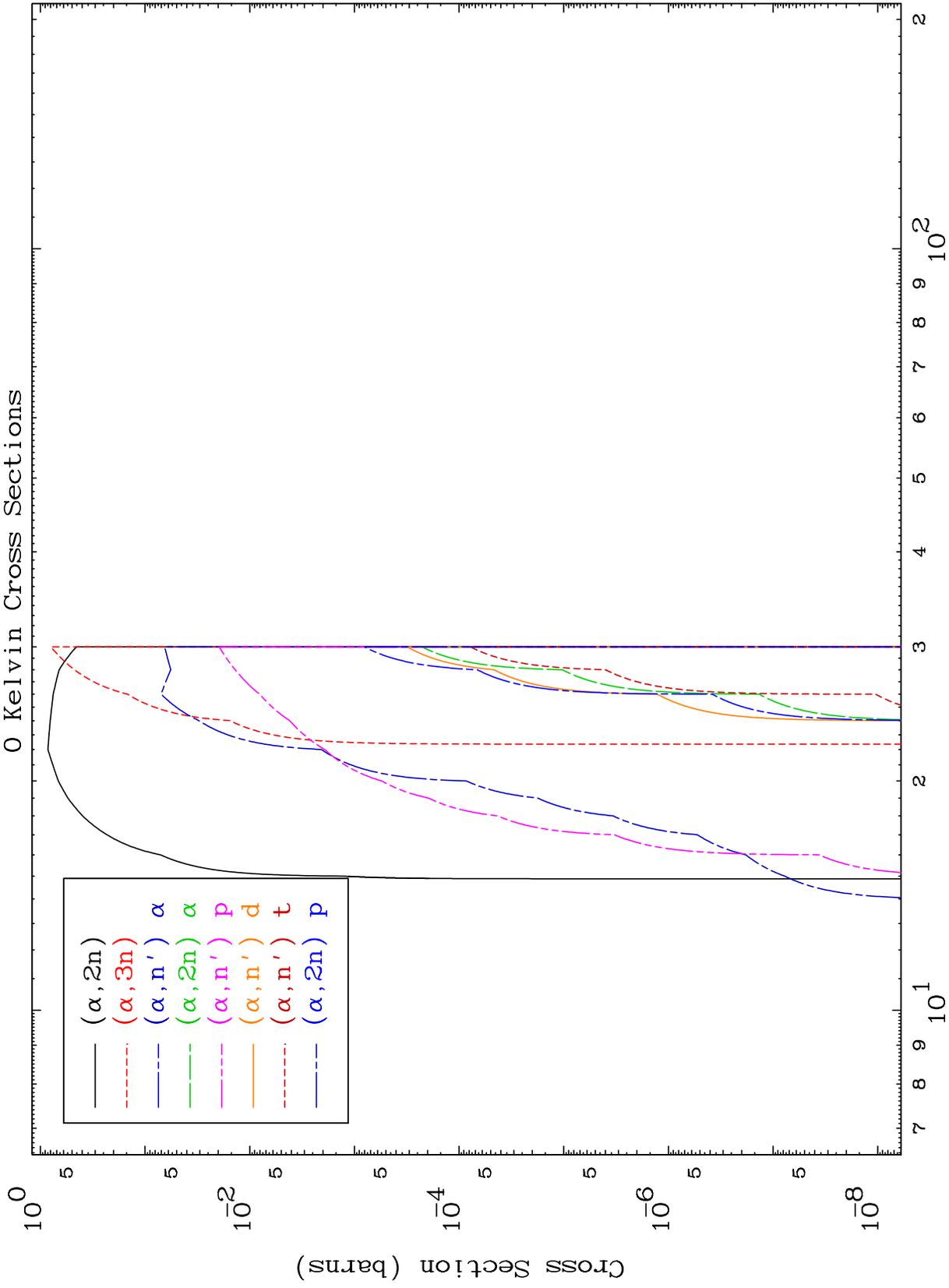
52-Te-125



MAT 5240

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

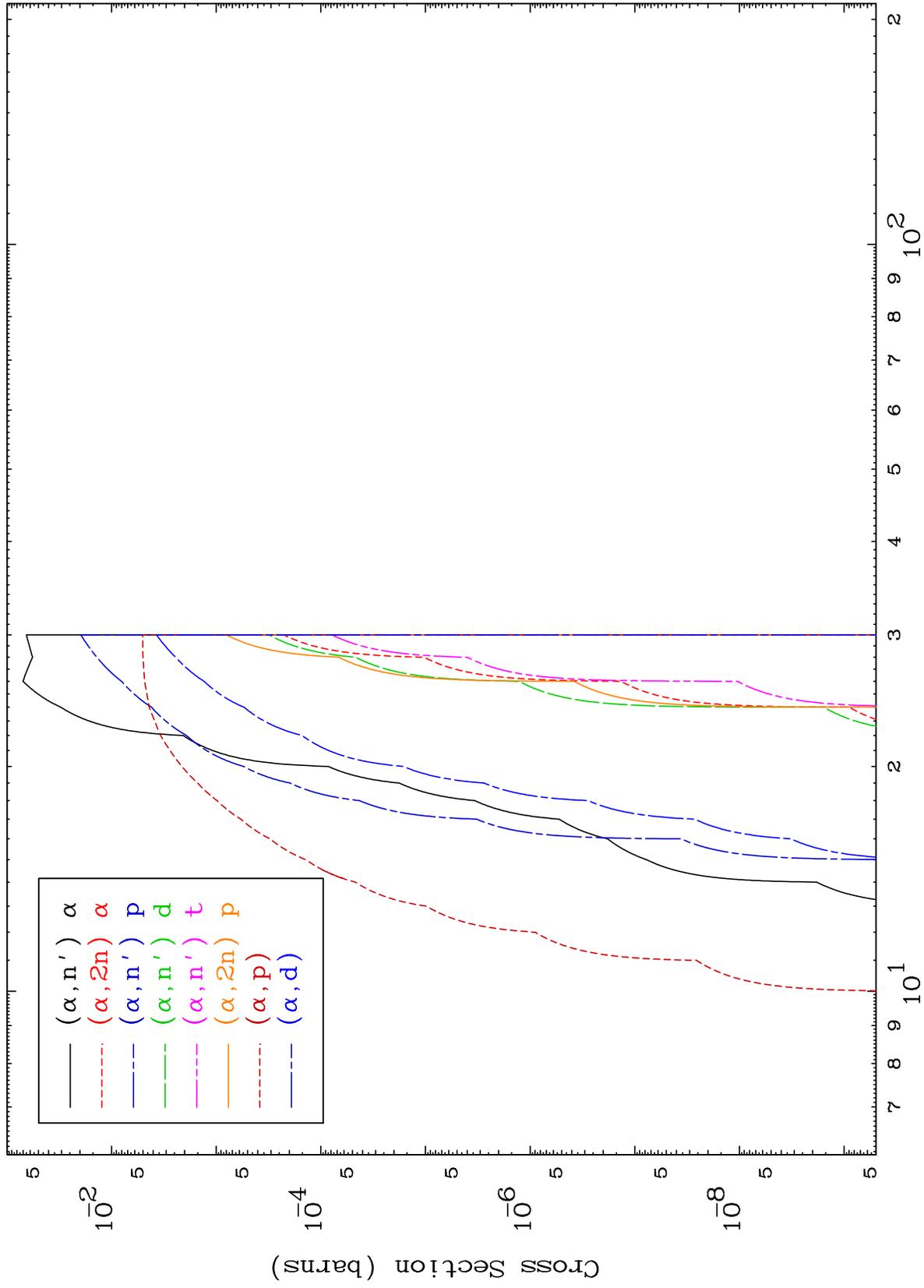
52-Te-125



2

Incident Energy (MeV)

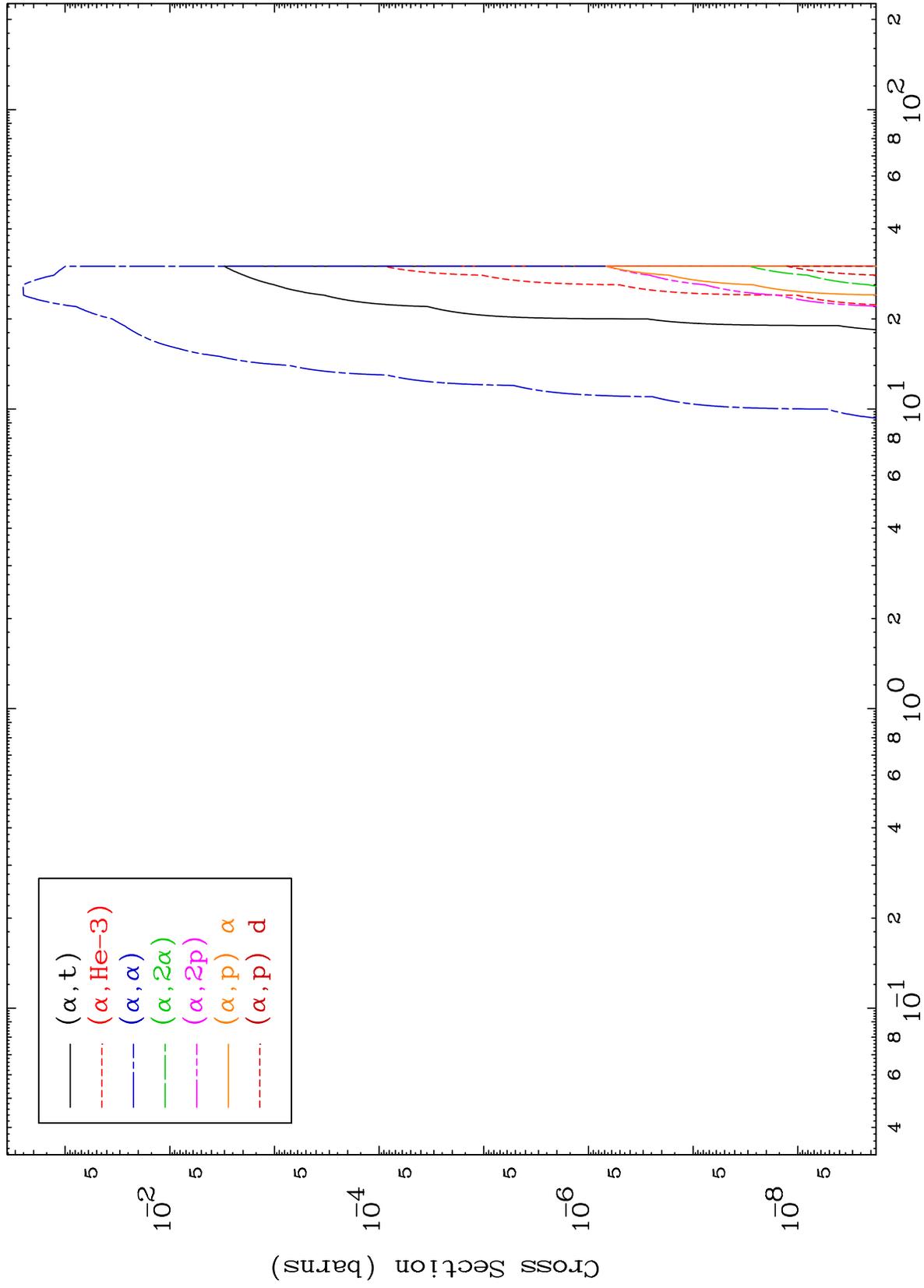
52-Te-125



MAT 5240

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

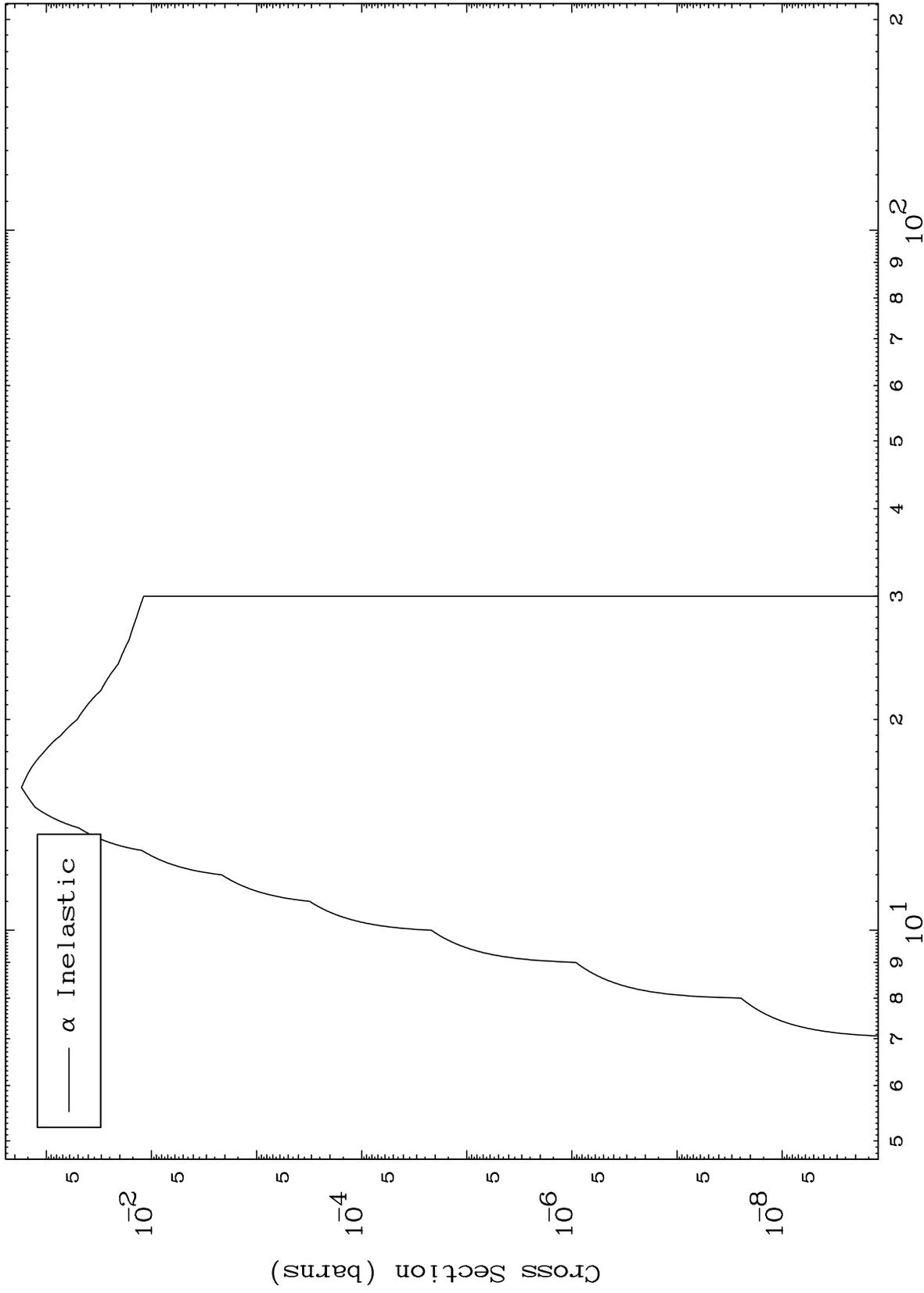
52-Te-125



MAT 5240

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

52-Te-125



5

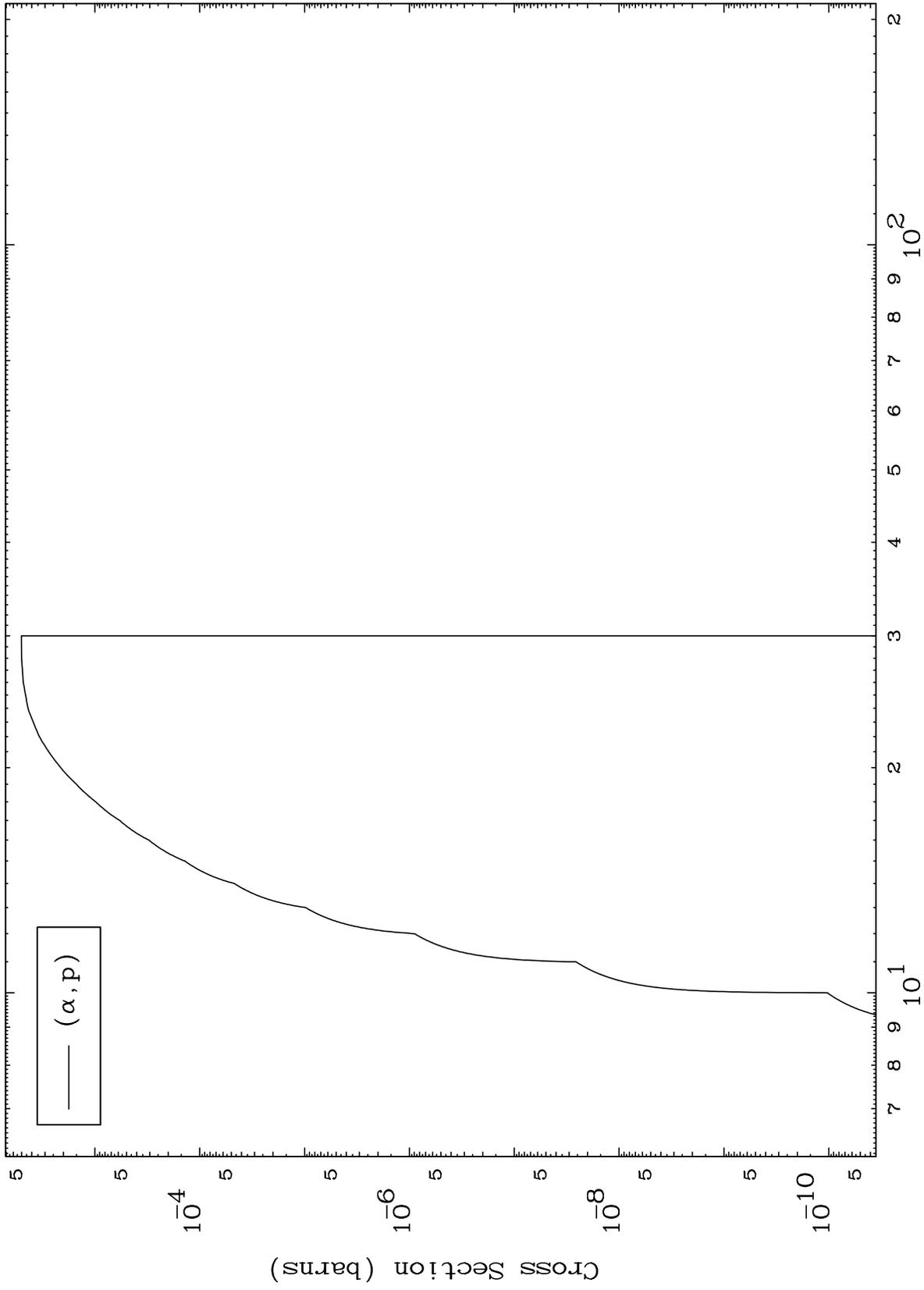
Incident Energy (MeV)

52-Te-125

MAT 5240

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

52-Te-125



6

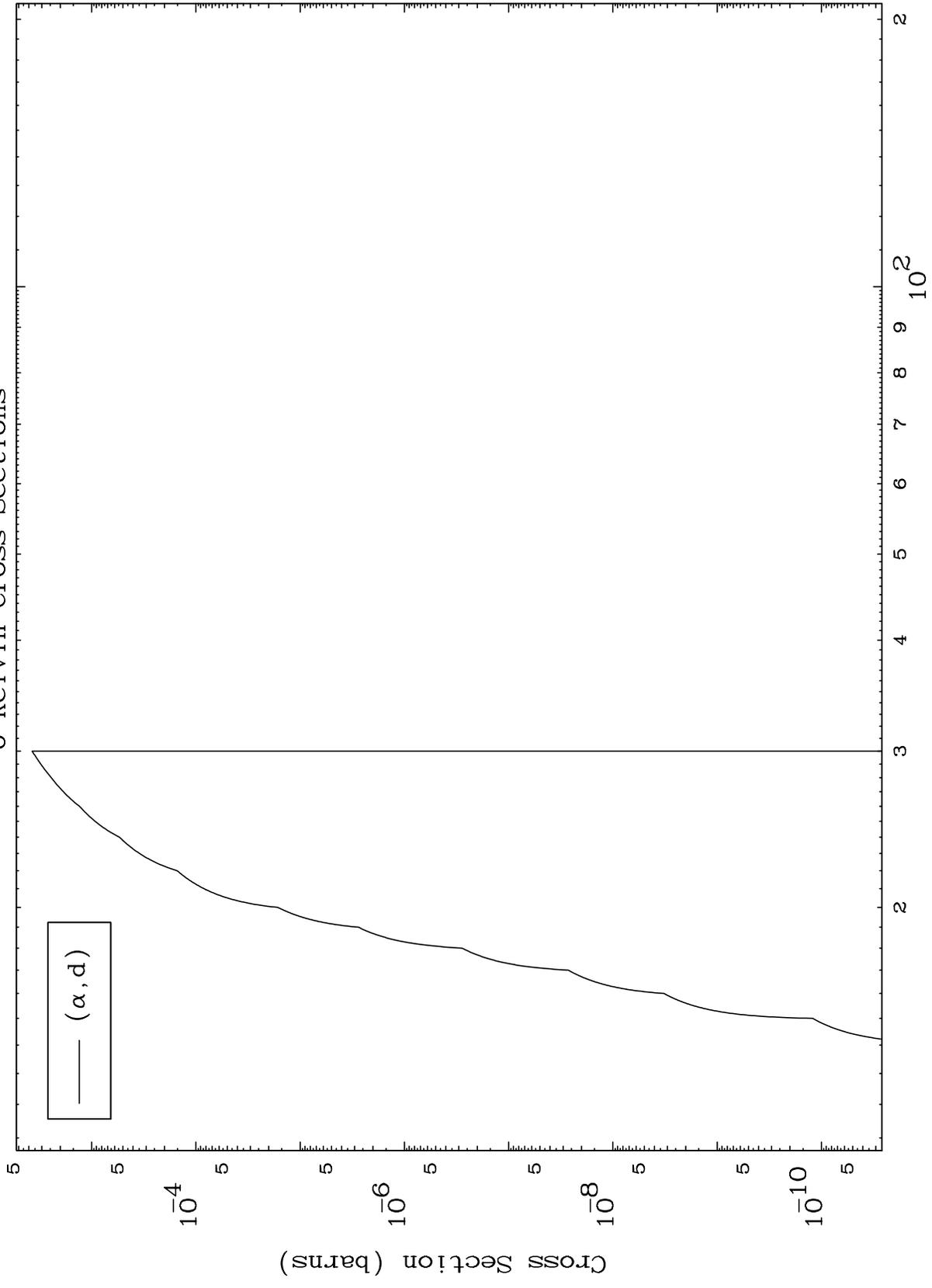
Incident Energy (MeV)

52-Te-125

MAT 5240

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

52-Te-125



7

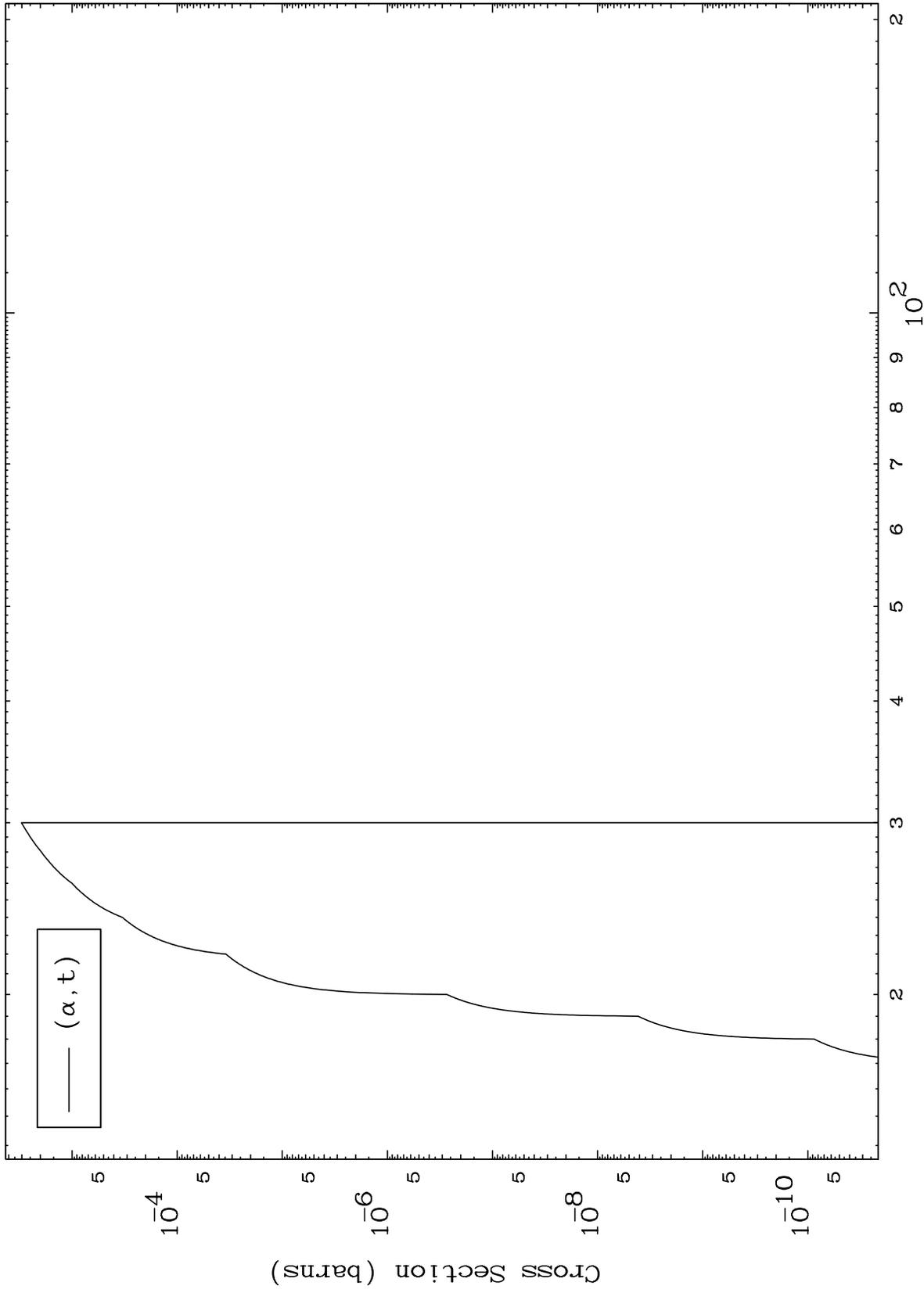
Incident Energy (MeV)

52-Te-125

MAT 5240

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

52-Te-125



8

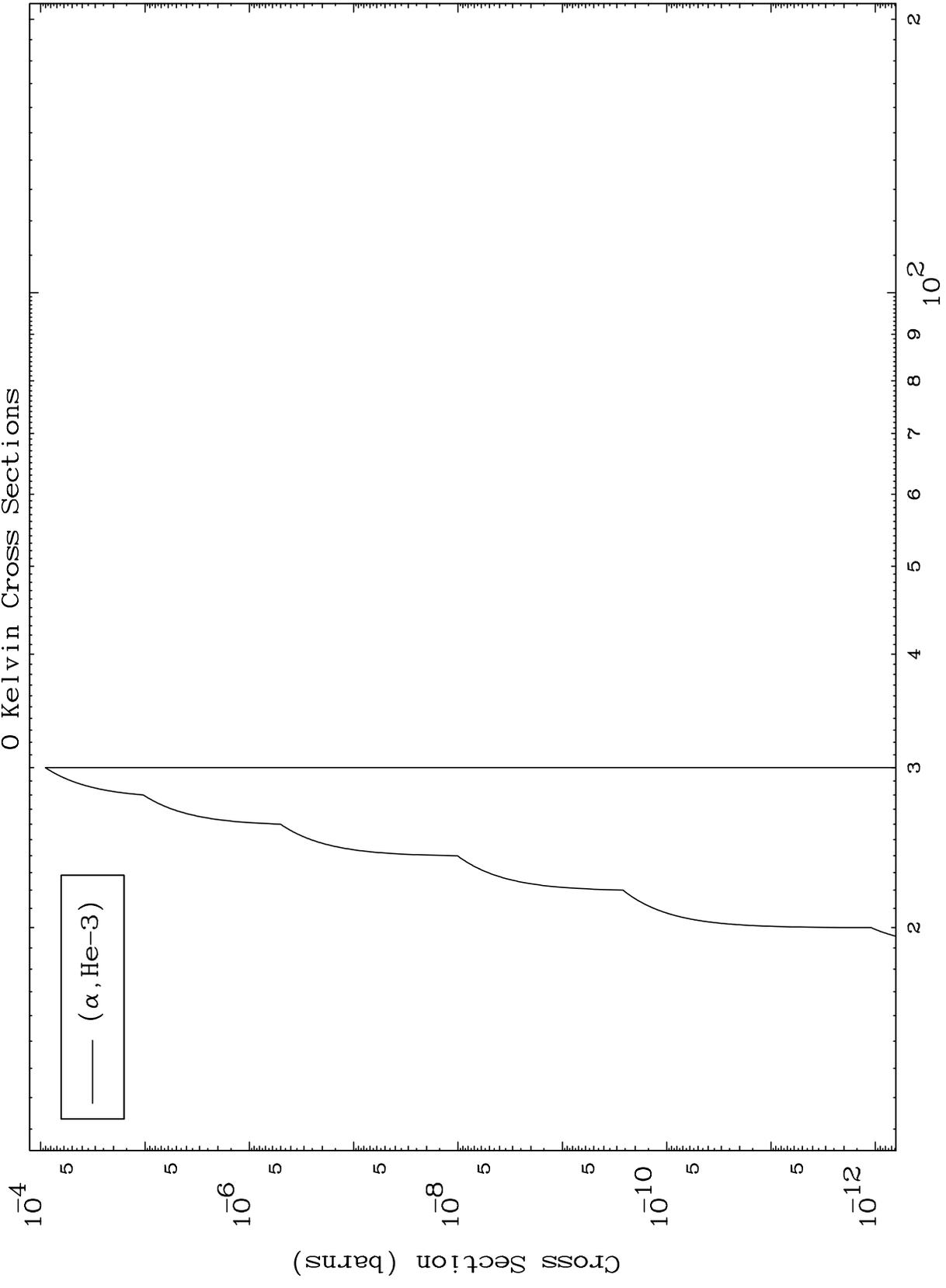
Incident Energy (MeV)

52-Te-125

MAT 5240

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

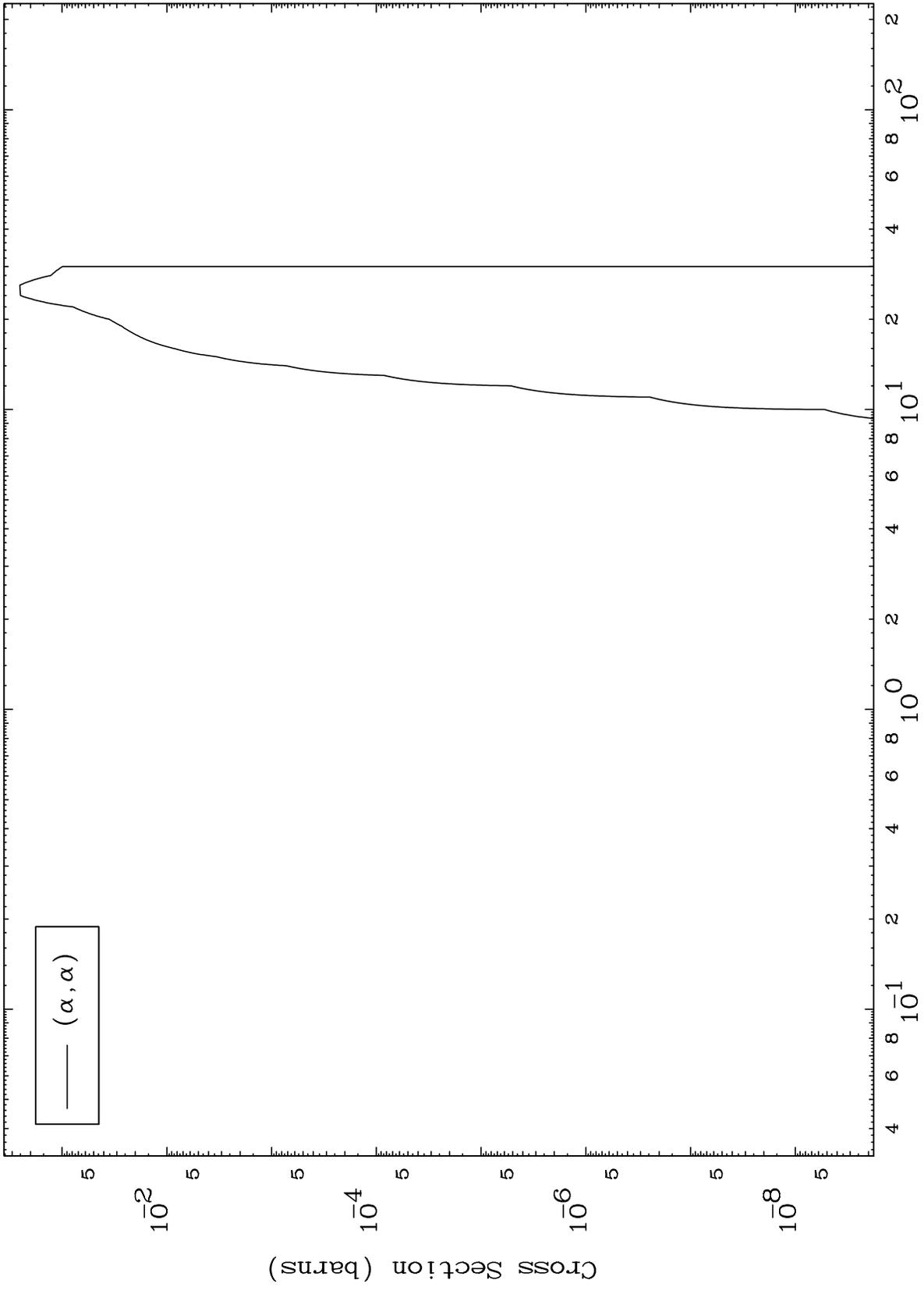
52-Te-125



MAT 5240

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

52-Te-125



10

Incident Energy (MeV)

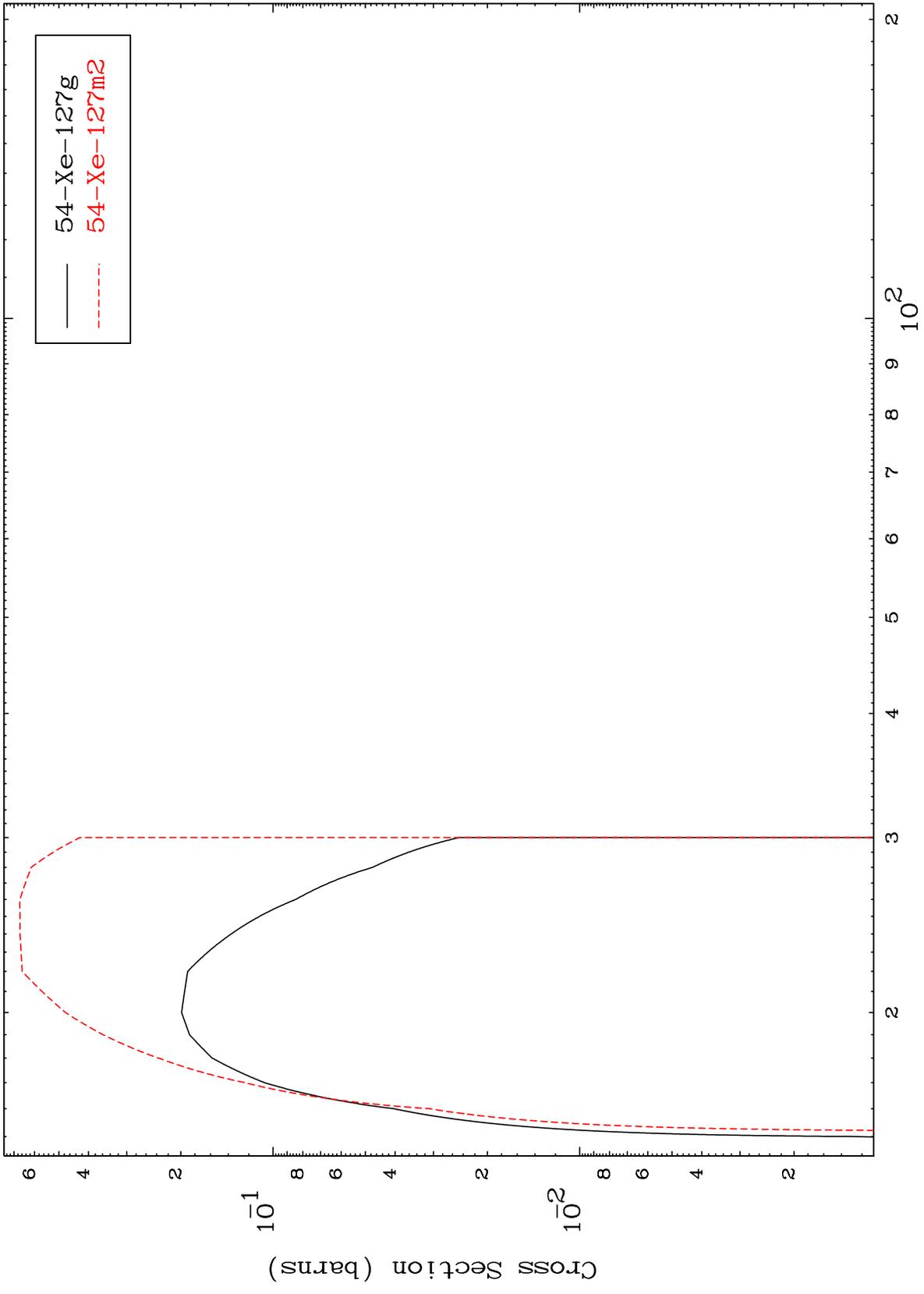
52-Te-125

MAT 5240

( $\alpha, 2n$ )

52-Te-125

Radionuclide Production Cross Section



11

Incident Energy (MeV)

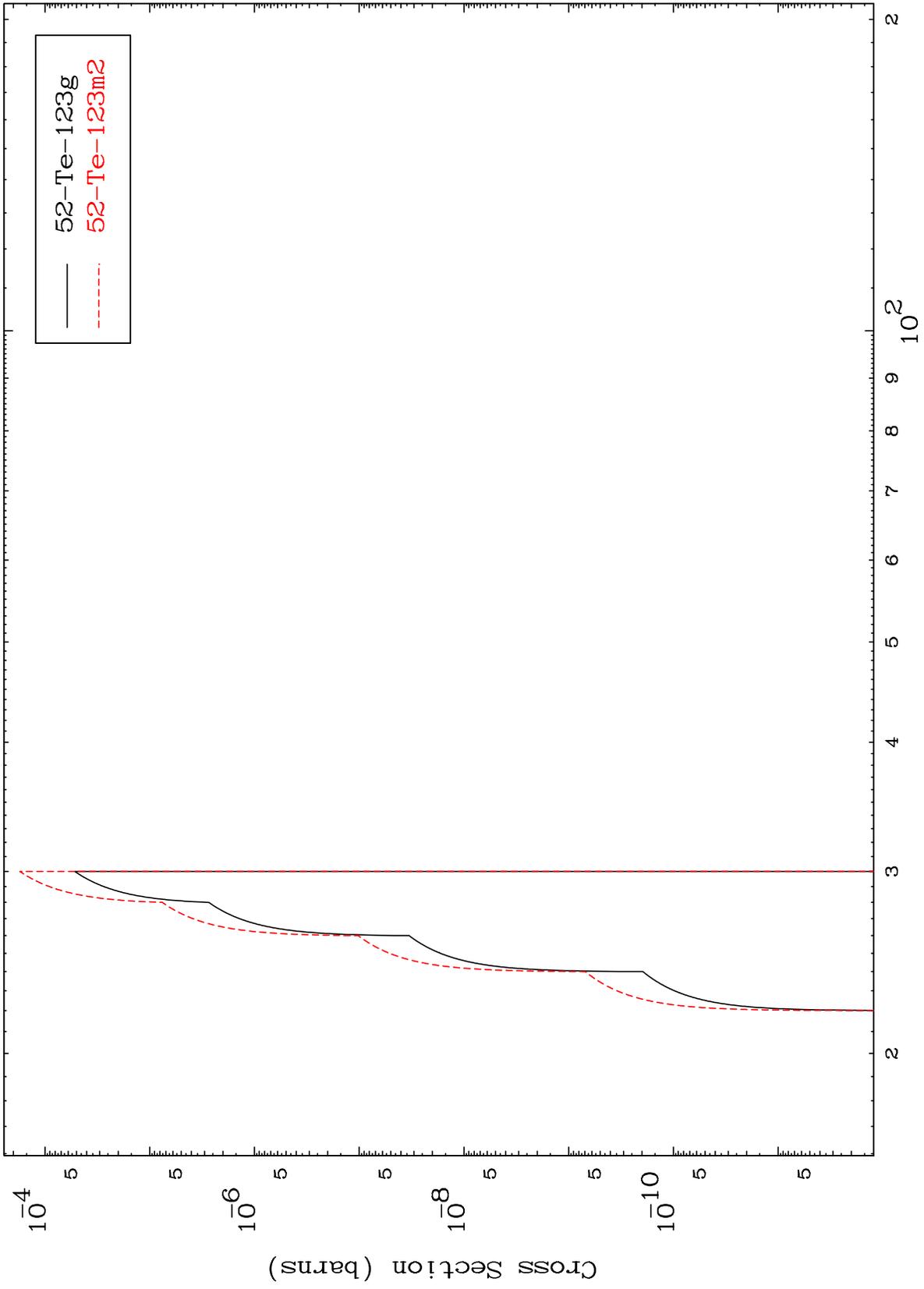
52-Te-125

MAT 5240

$(\alpha, 2n) \alpha$

$^{52}\text{Te-125}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

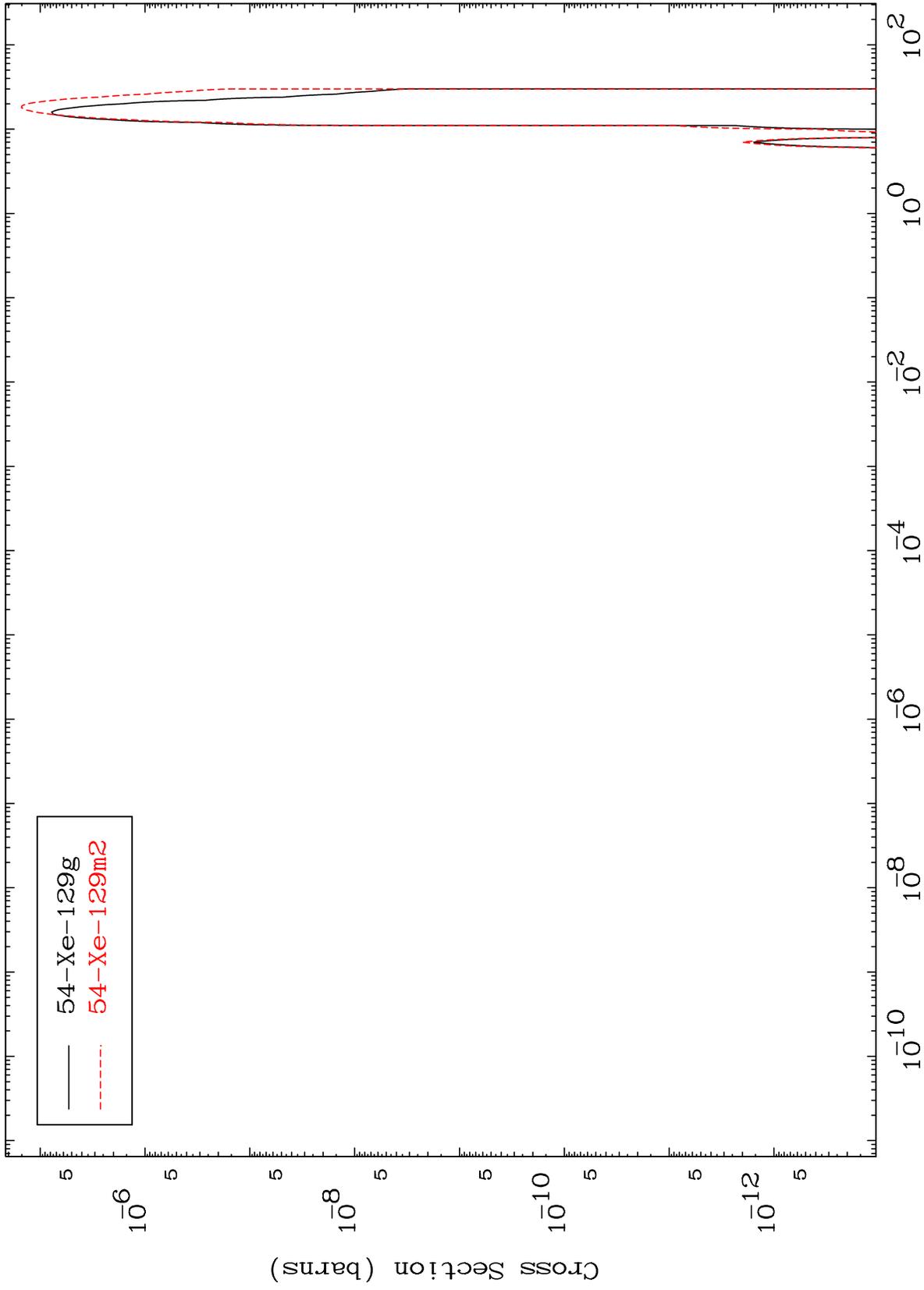
$^{52}\text{Te-125}$

MAT 5240

( $\alpha, \gamma$ )

52-Te-125

Radionuclide Production Cross Section

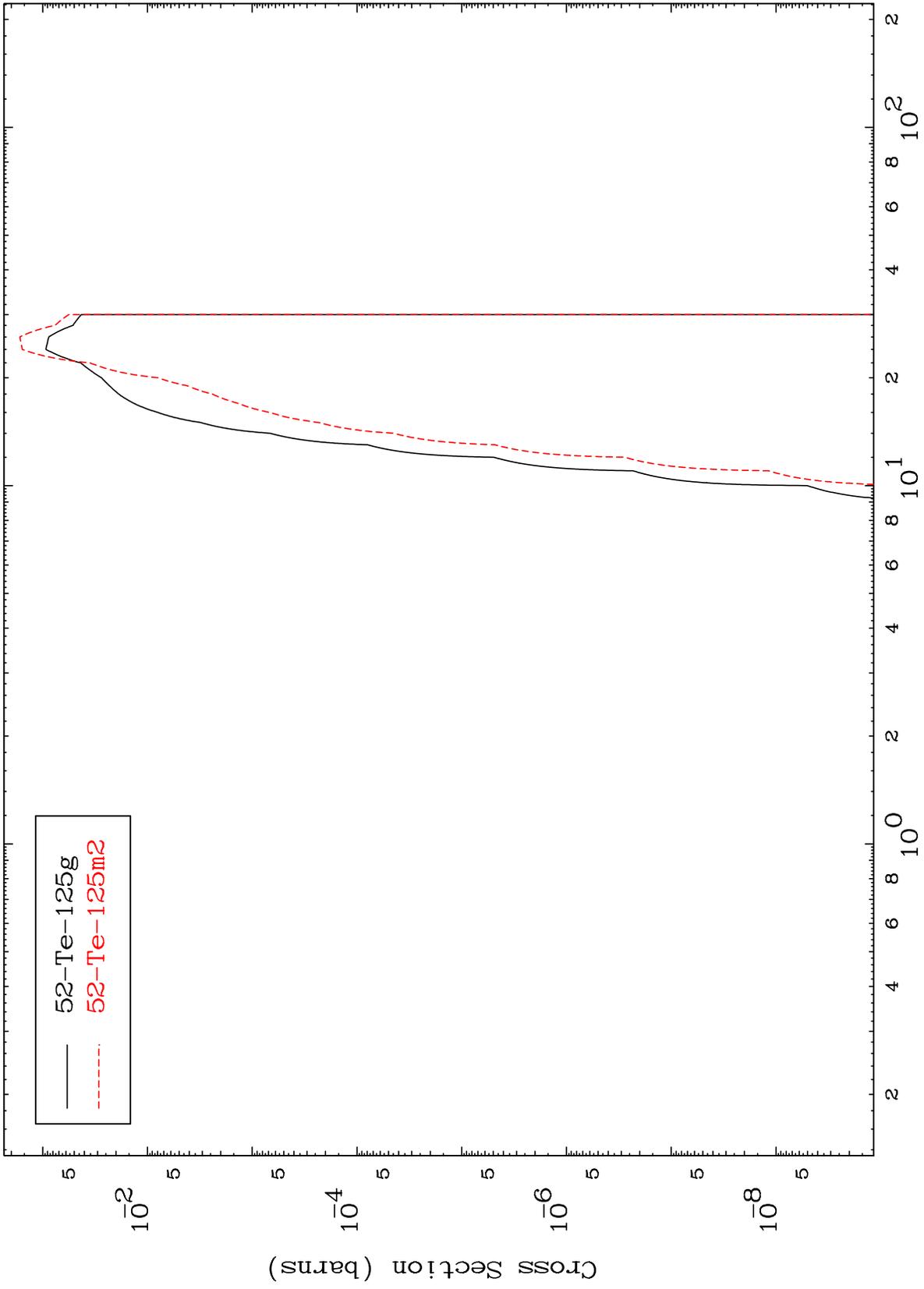


MAT 5240

( $\alpha, \alpha$ )

52-Te-125

Radionuclide Production Cross Section



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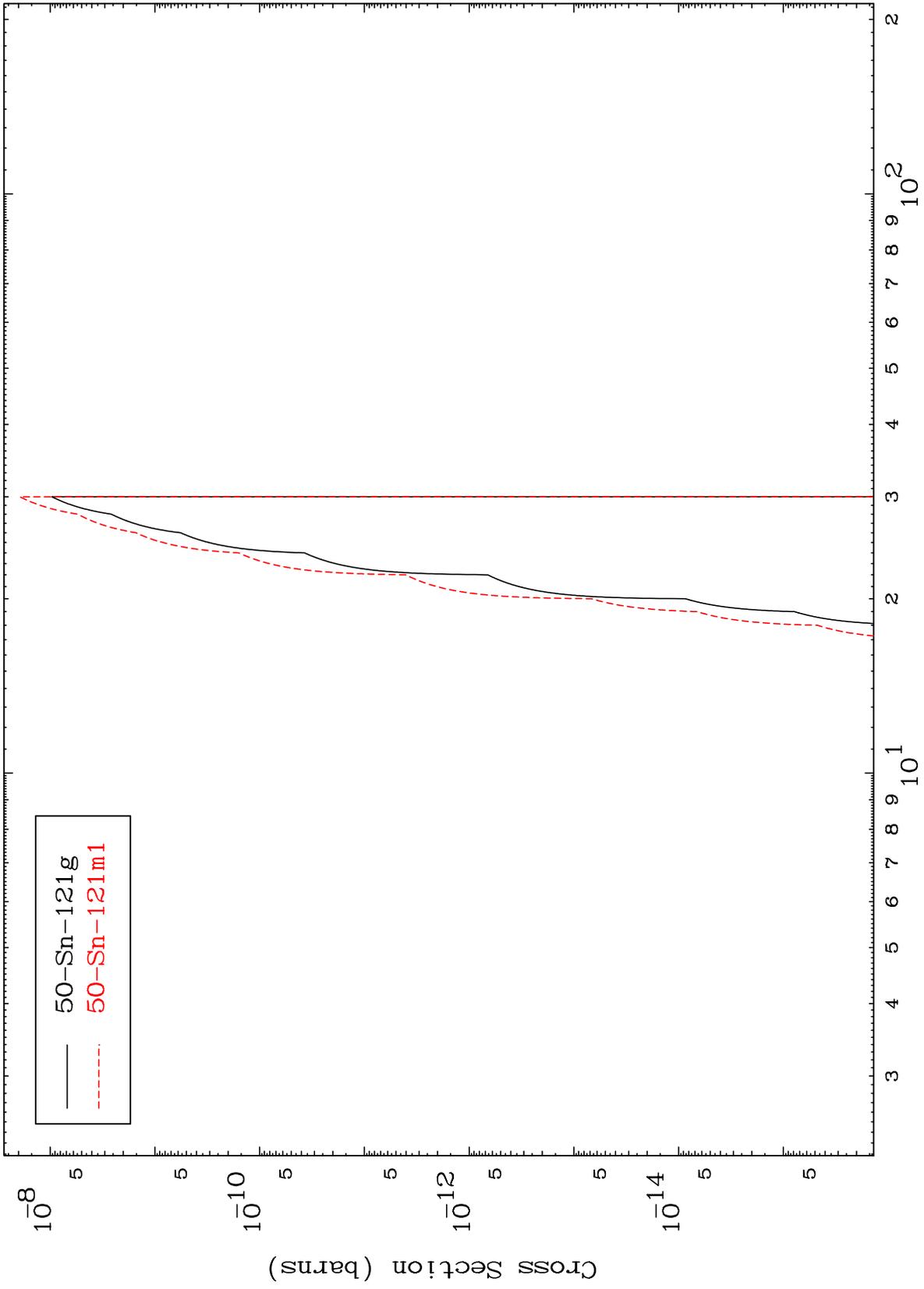
Incident Energy (MeV)

52-Te-125

MAT 5240

52-Te-125

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



15

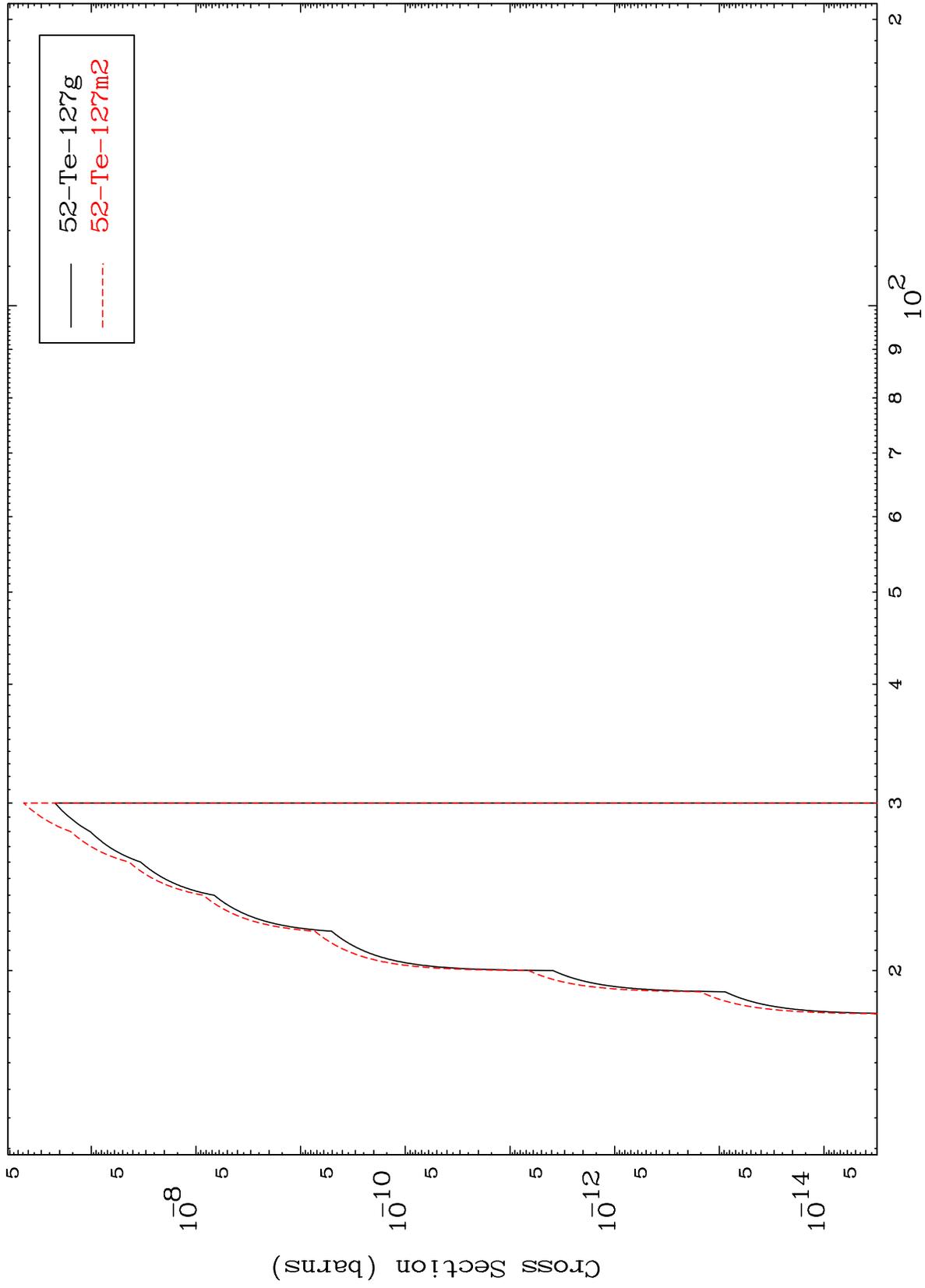
Incident Energy (MeV)

52-Te-125

MAT 5240

52-Te-125

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



16

Incident Energy (MeV)

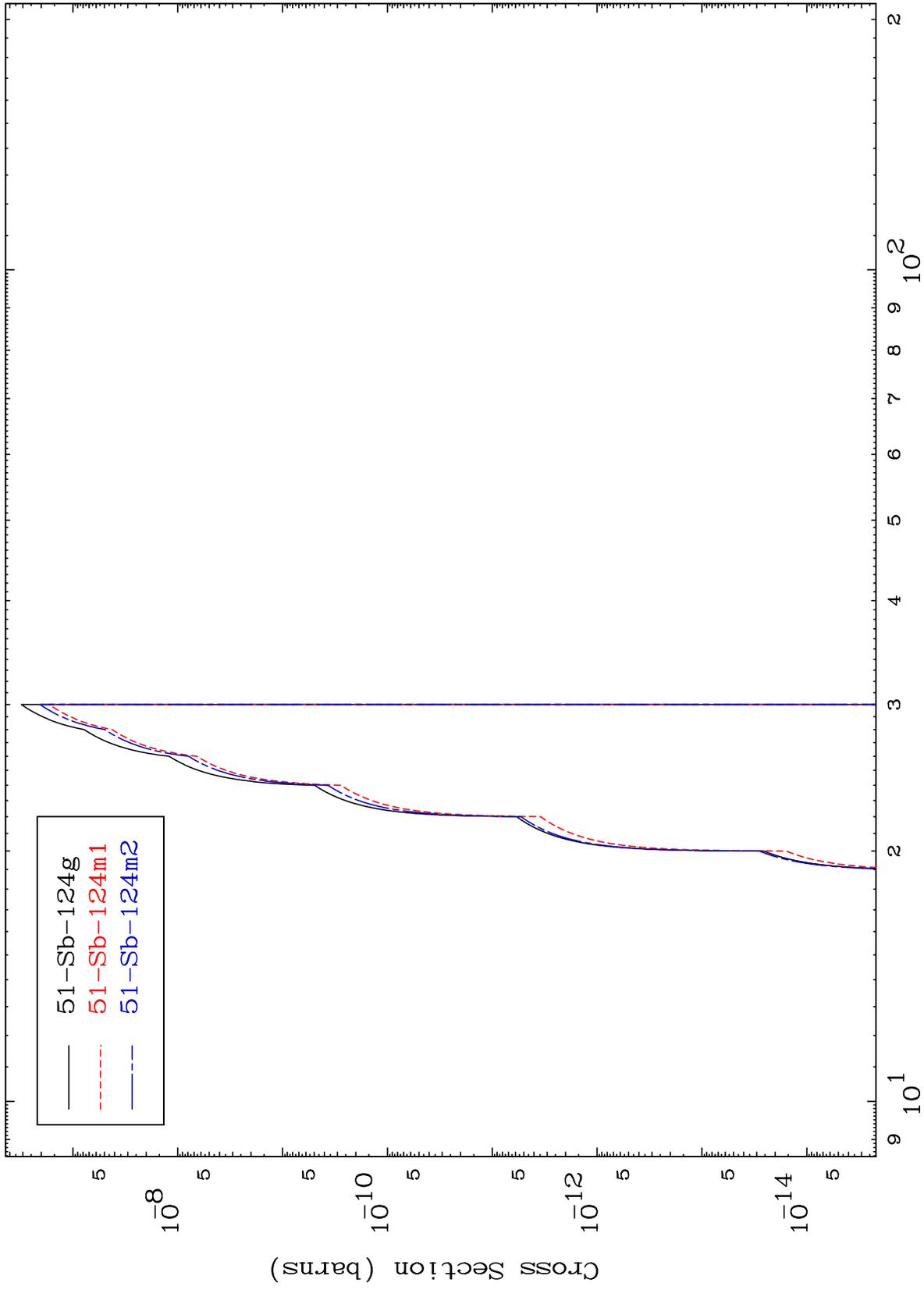
52-Te-125

MAT 5240

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

52-Te-125

Radionuclide Production Cross Section



17

Incident Energy (MeV)

52-Te-125