

Program EVALPLOT  
(Version 2018-1)

by

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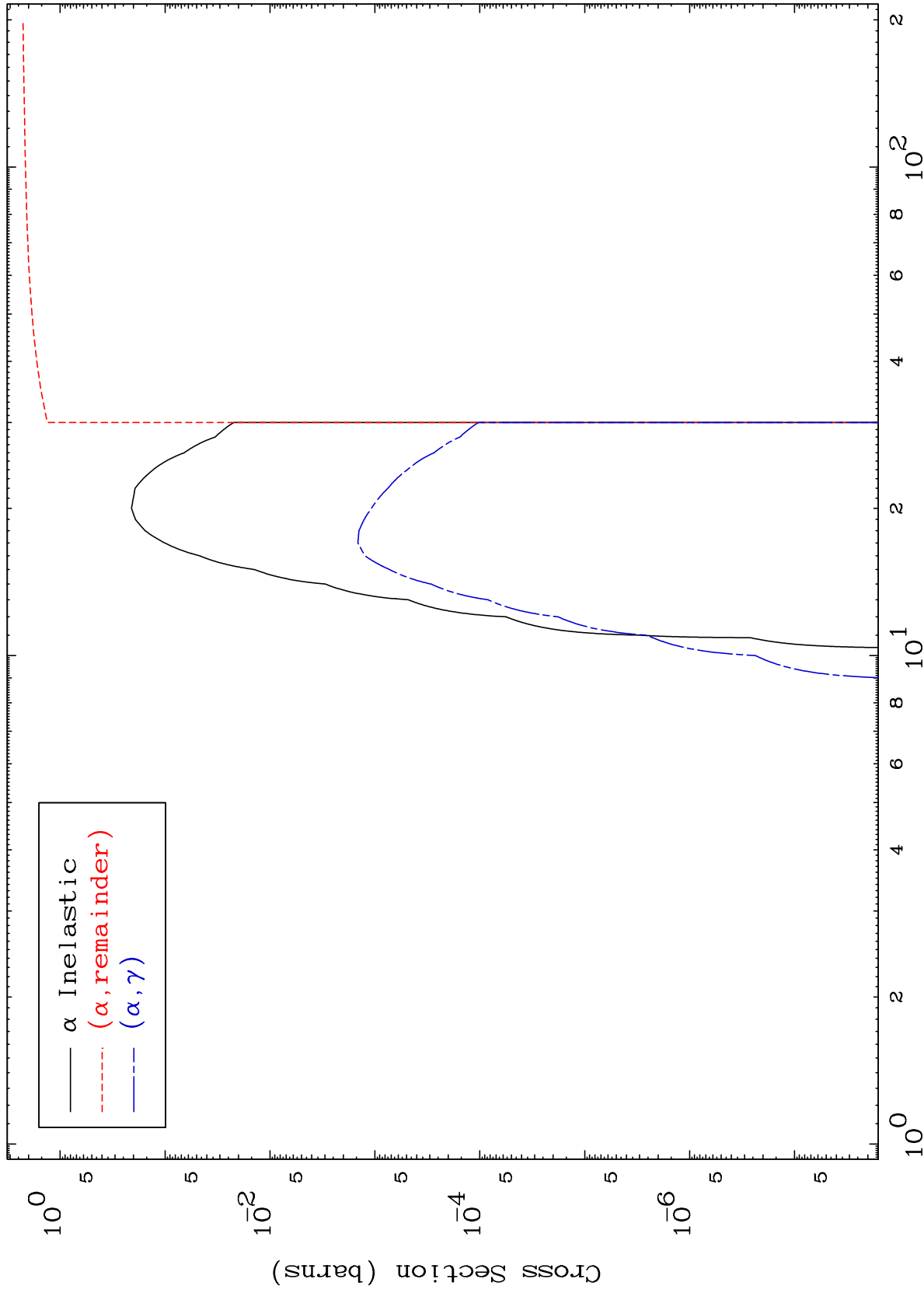
Press Mouse Button to Start

MAT 5695

$\alpha$  Major

57-La-128

0 Kelvin Cross Sections



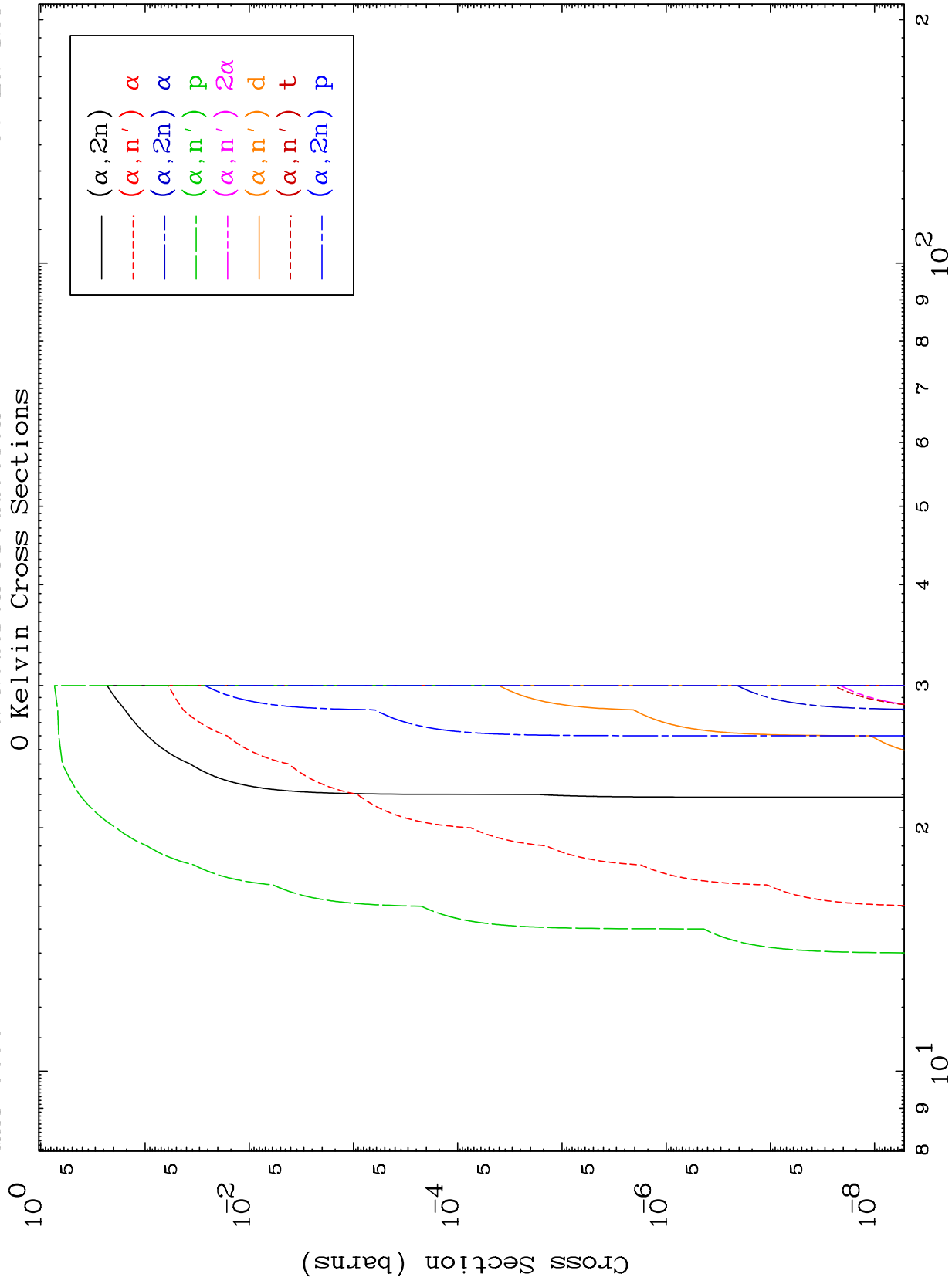
Incident Energy (MeV)

57-La-128

MAT 5695

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

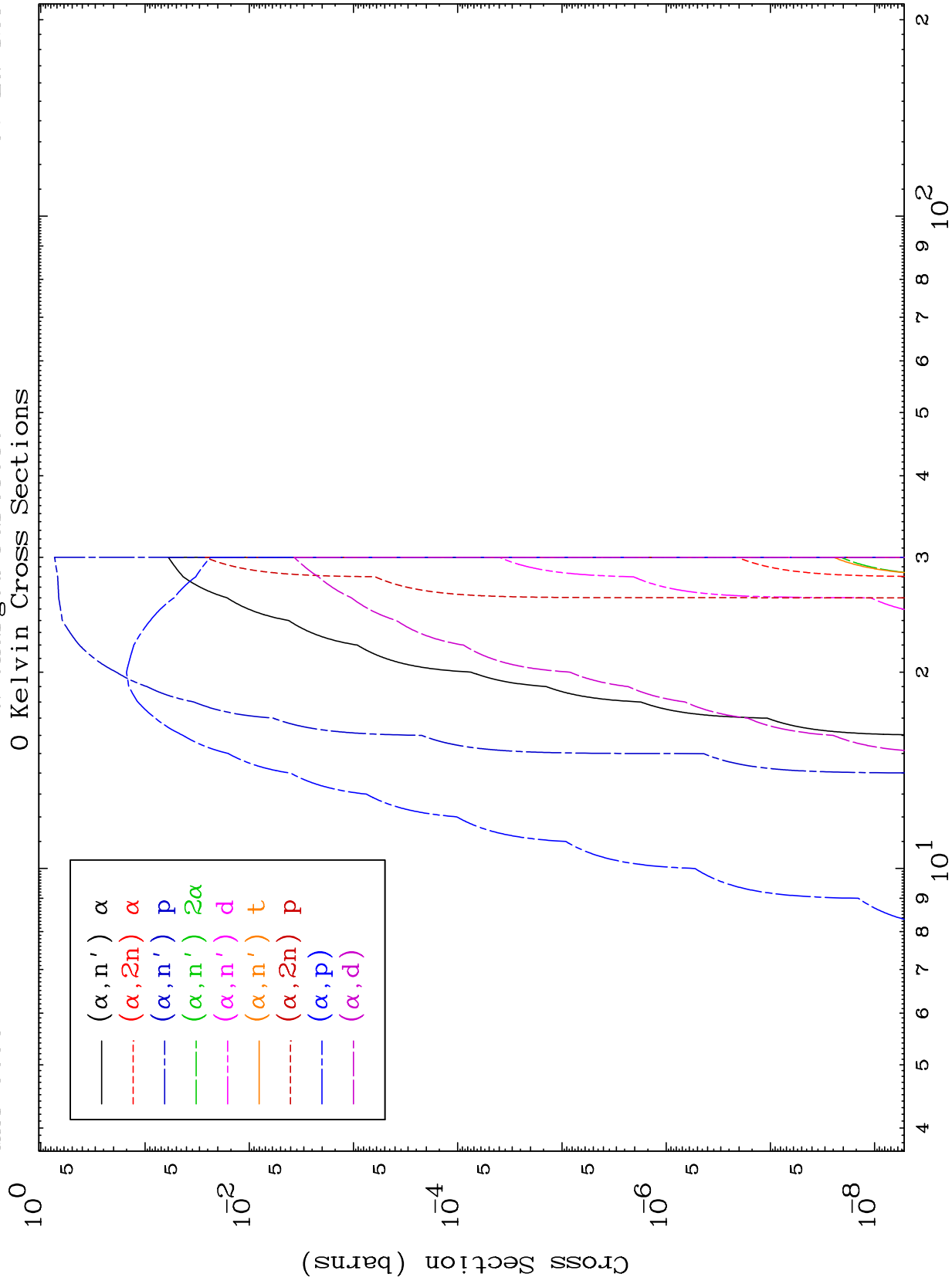
57-La-128



2

Incident Energy (MeV)

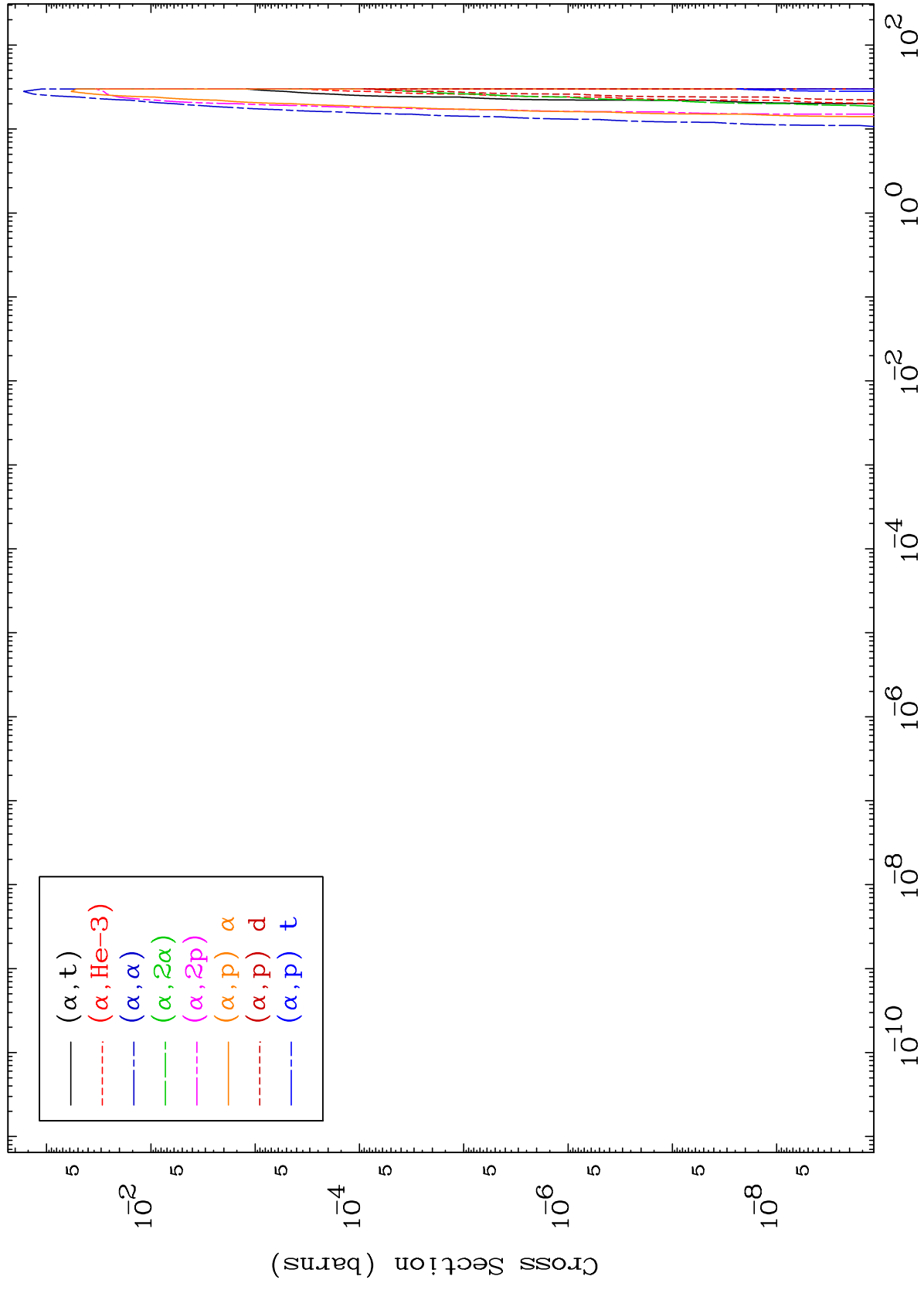
57-La-128



MAT 5695

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

57-La-128

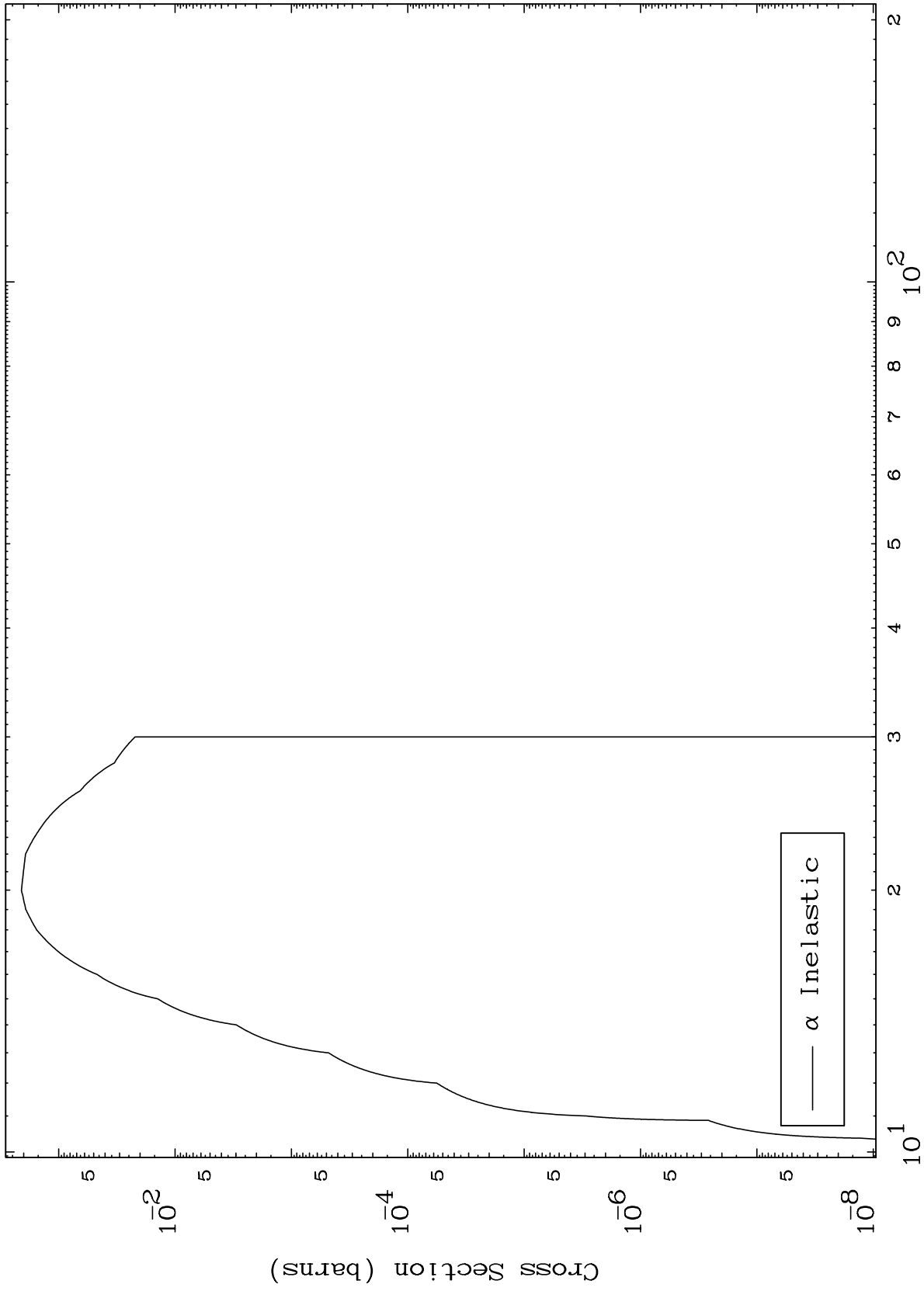


57-La-128

MAT 5695

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

57-La-128



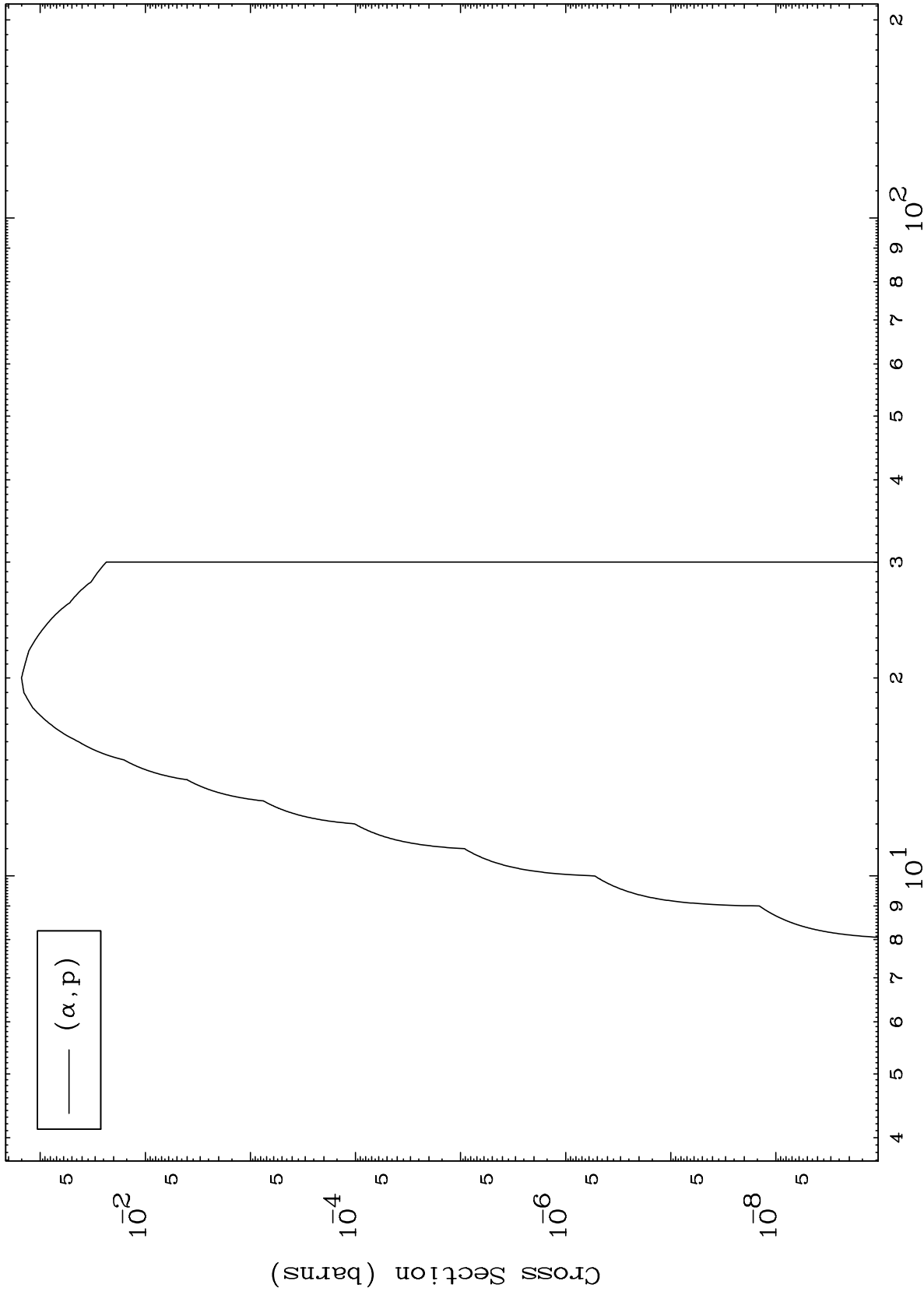
57-La-128

Incident Energy (MeV)

MAT 5695

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

57-La-128



6

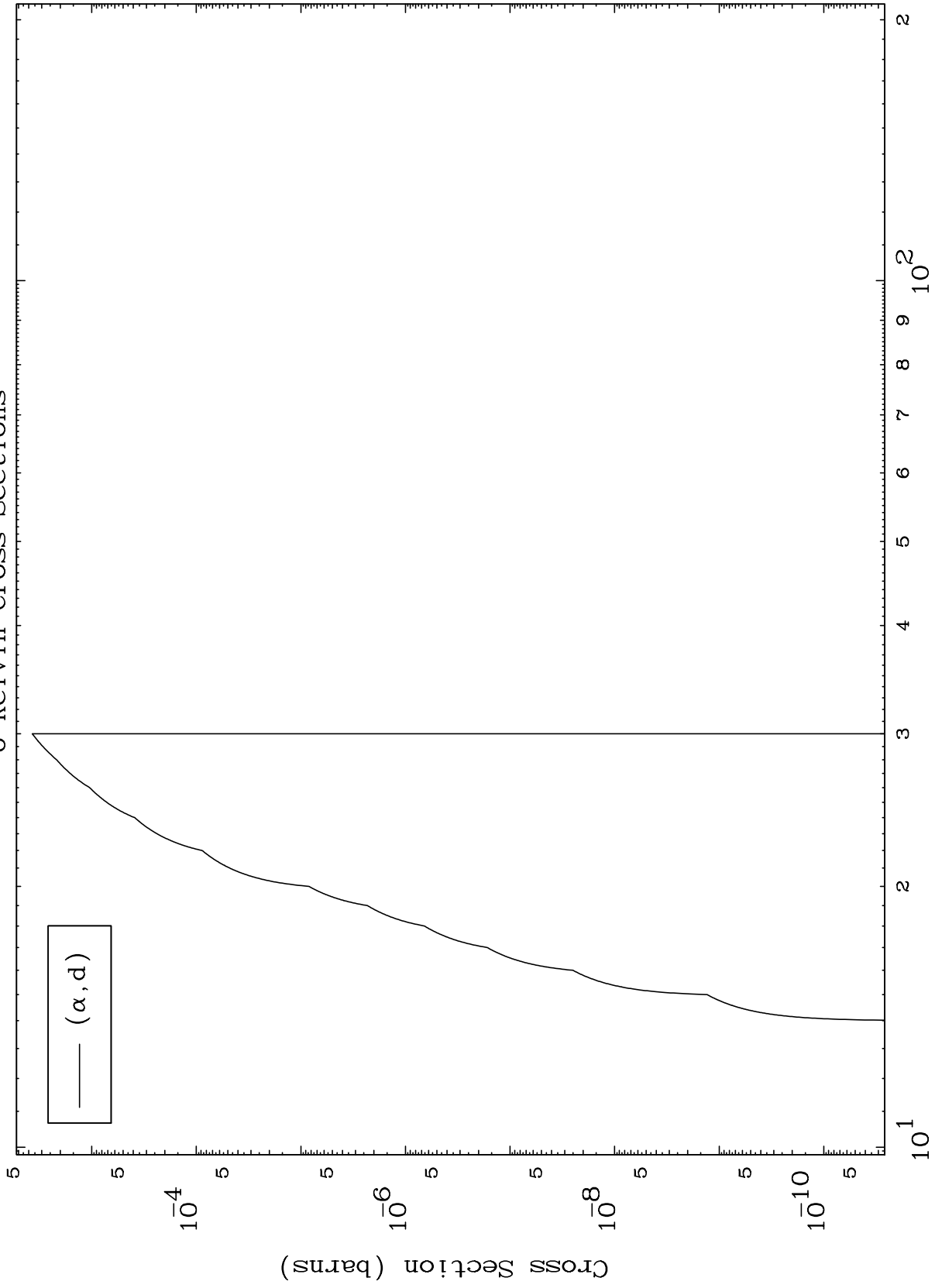
Incident Energy (MeV)

57-La-128

MAT 5695

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

57-La-128



Incident Energy (MeV)

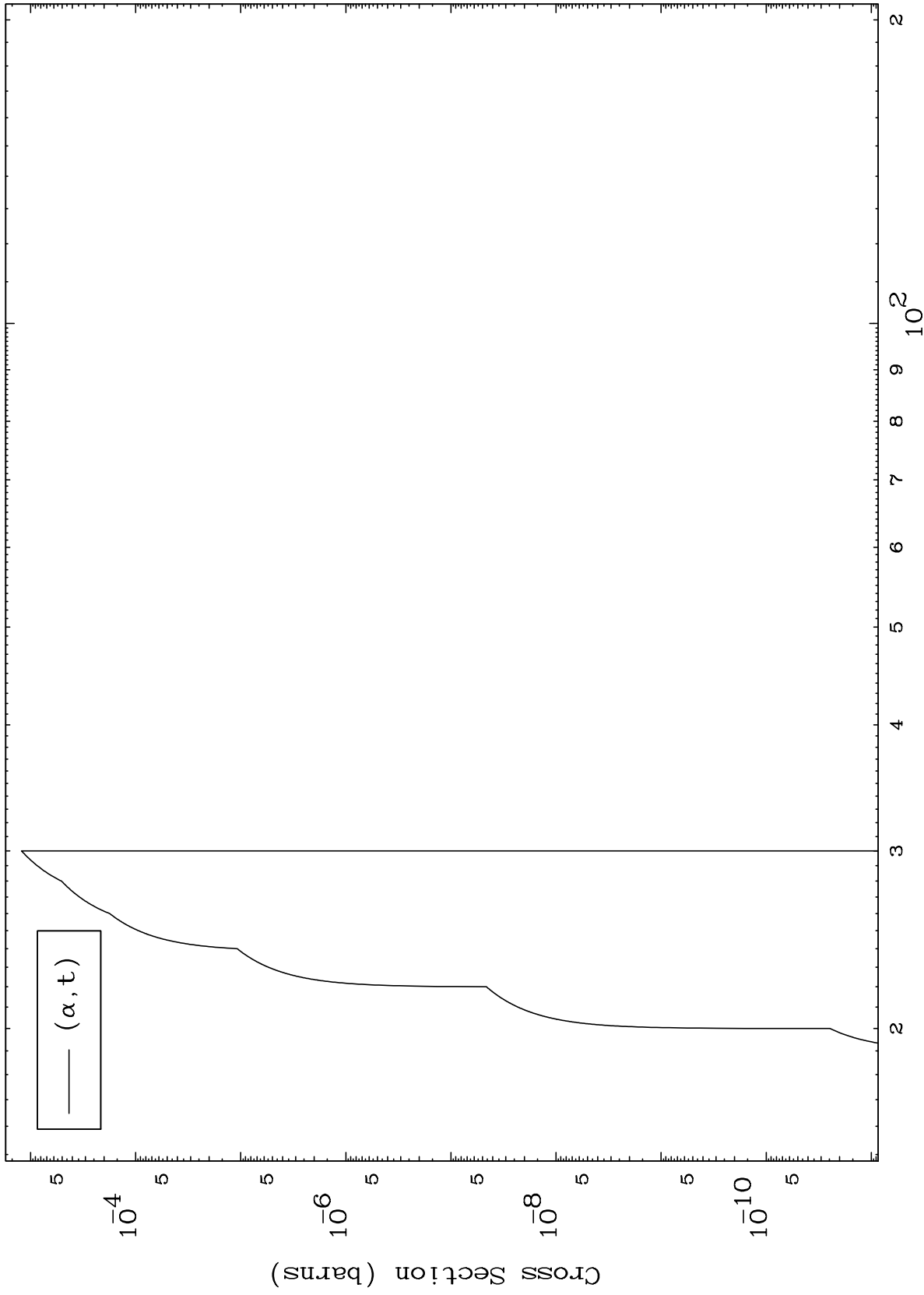
57-La-128



MAT 5695

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

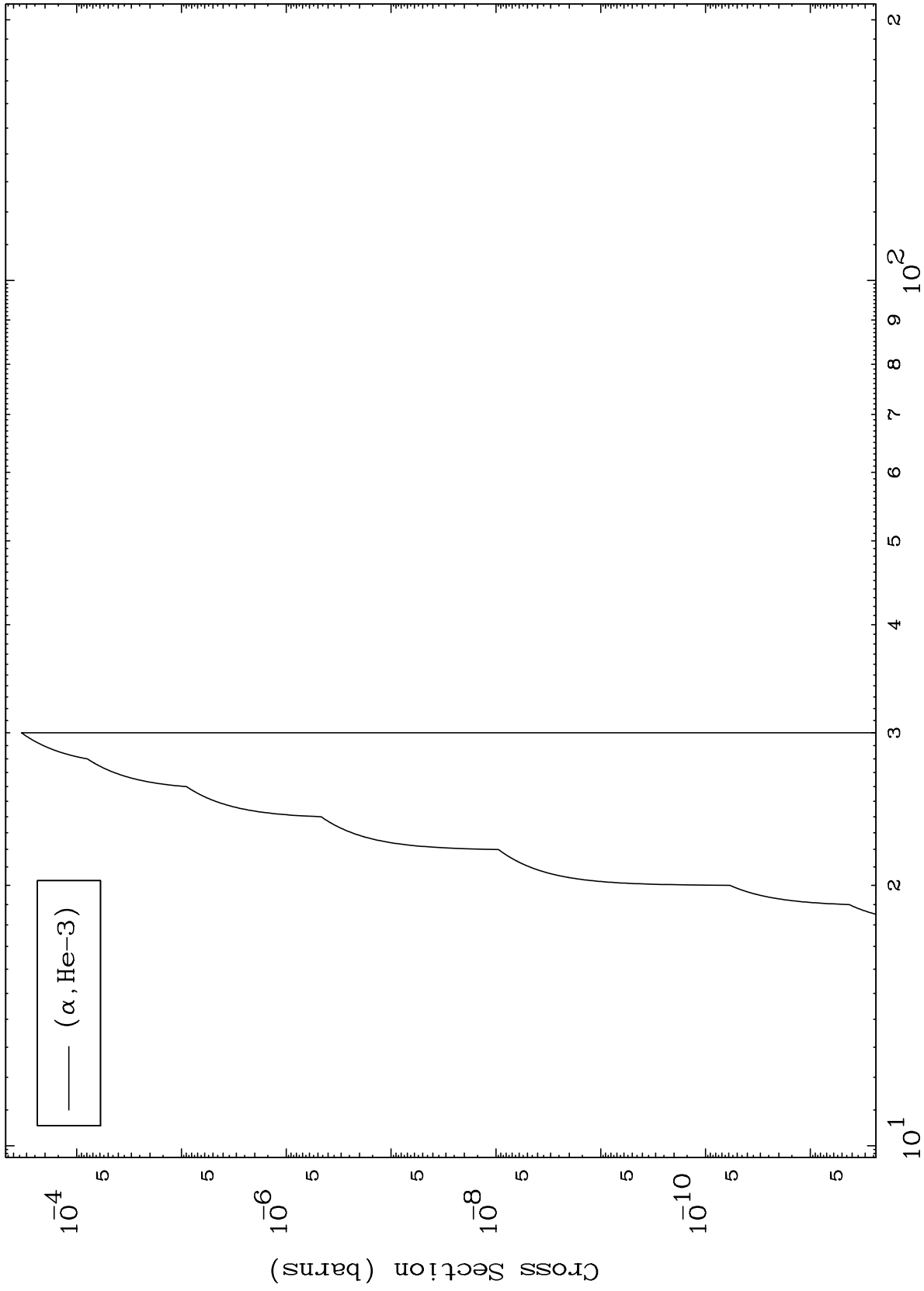
57-La-128



MAT 5695

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

57-La-128



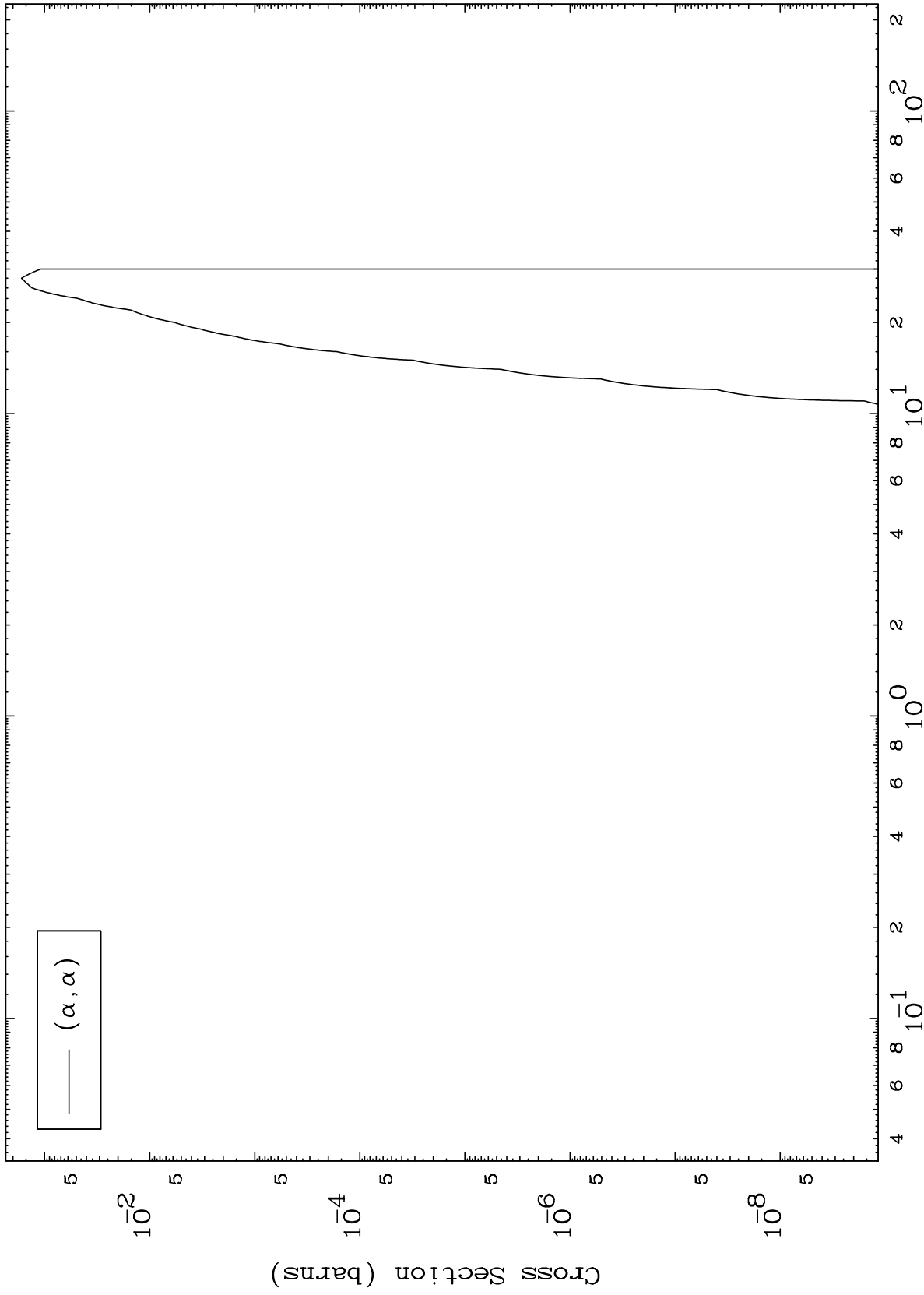
Incident Energy (MeV)

57-La-128

MAT 5695

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

57-La-128



10

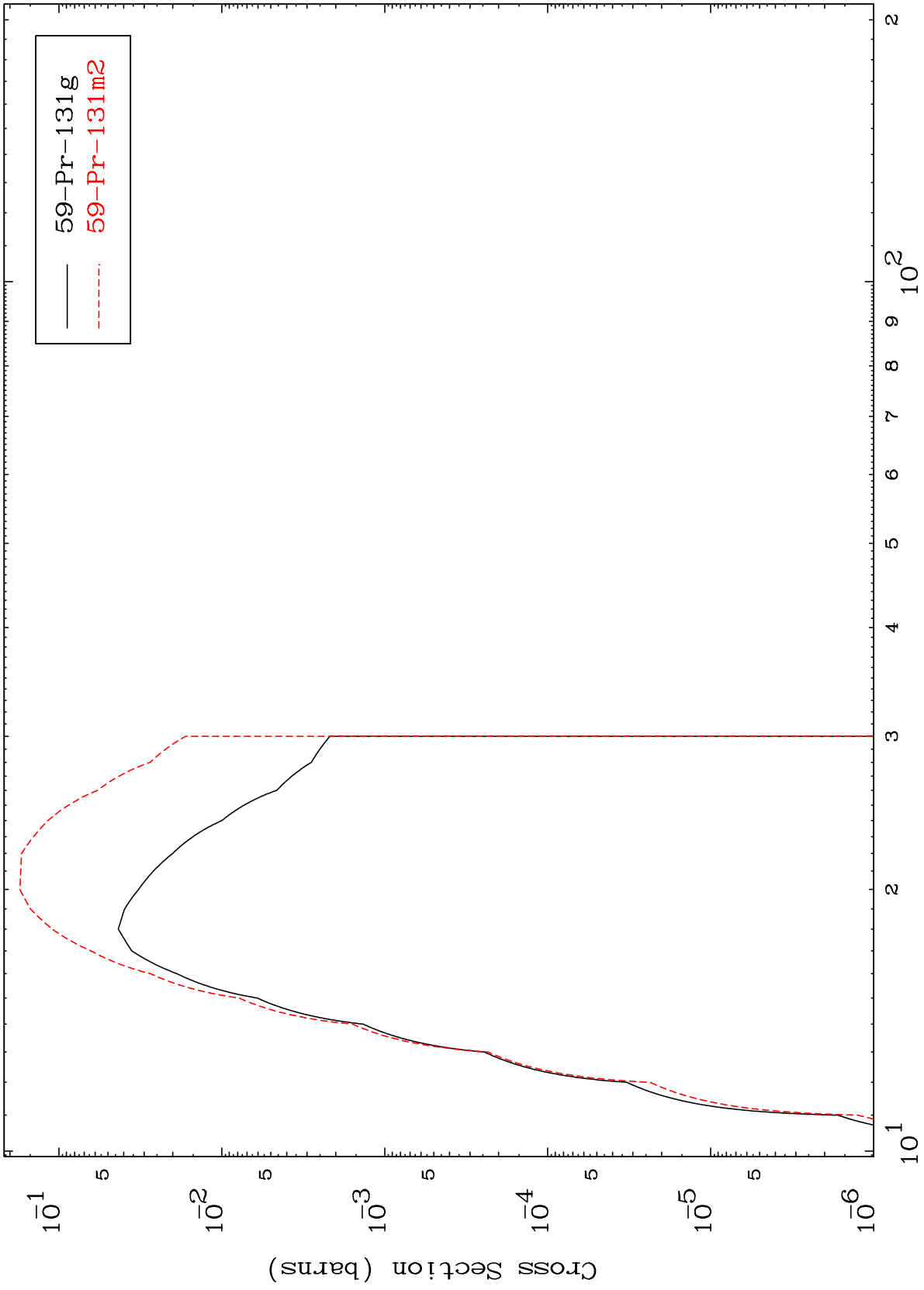
Incident Energy (MeV)

57-La-128

MAT 5695

57-La-128

$\alpha$  Inelastic  
Radionuclide Production Cross Section



57-La-128

Incident Energy (MeV)

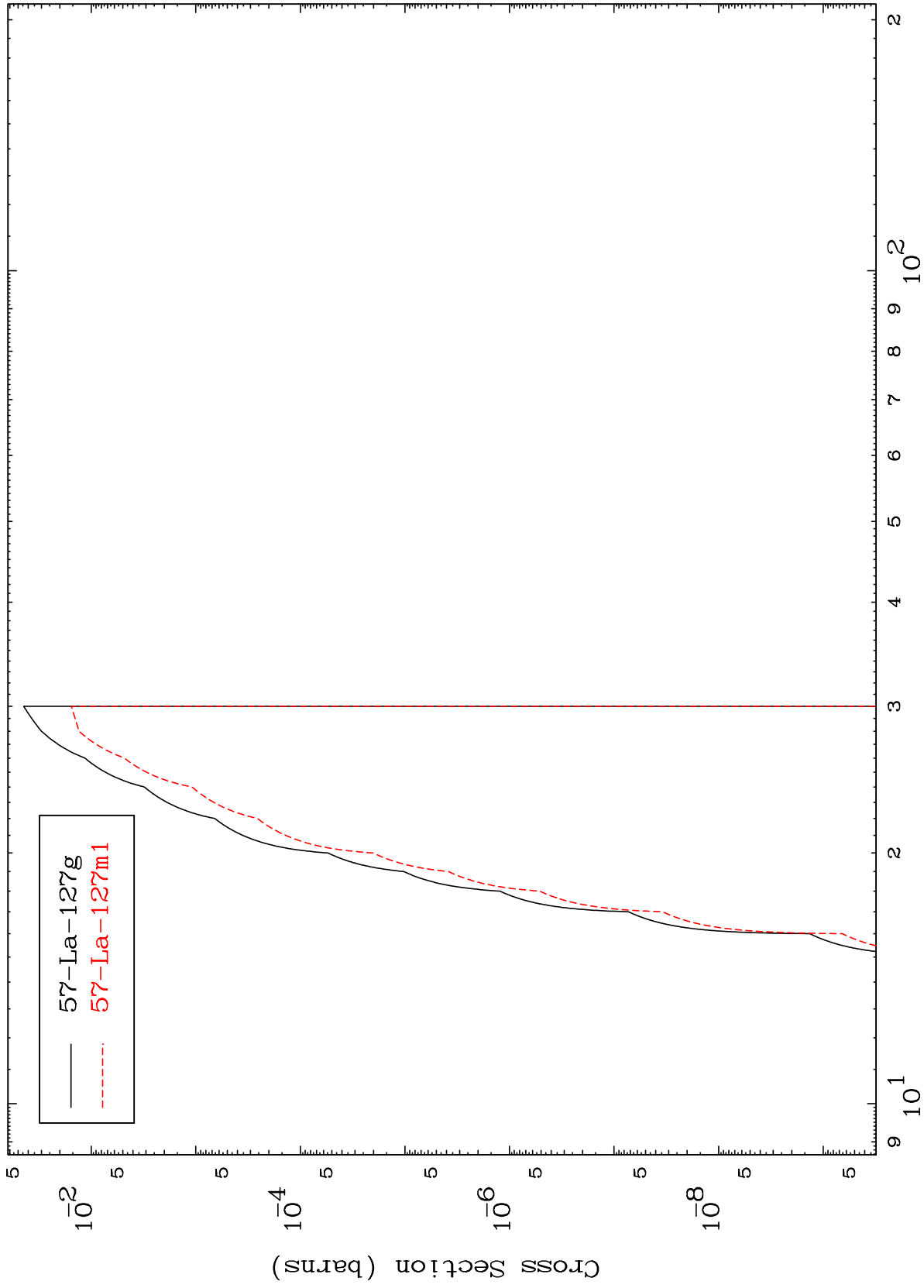
11

MAT 5695

( $\alpha, n'$ )  $\alpha$

57-La-128

Radionuclide Production Cross Section



12

Incident Energy (MeV)

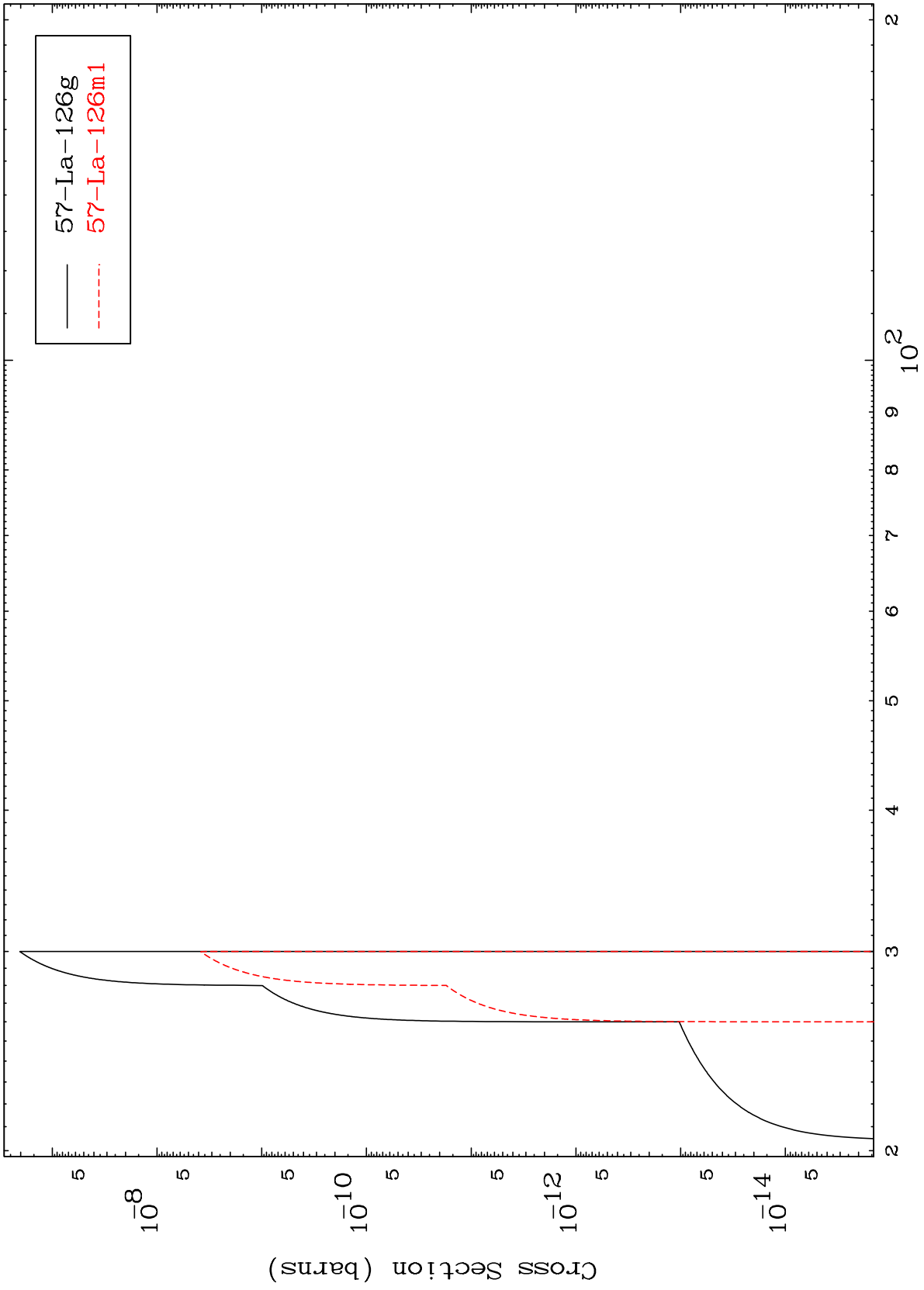
57-La-128

MAT 5695

$(\alpha, 2n) \alpha$

$^{57}\text{La-128}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

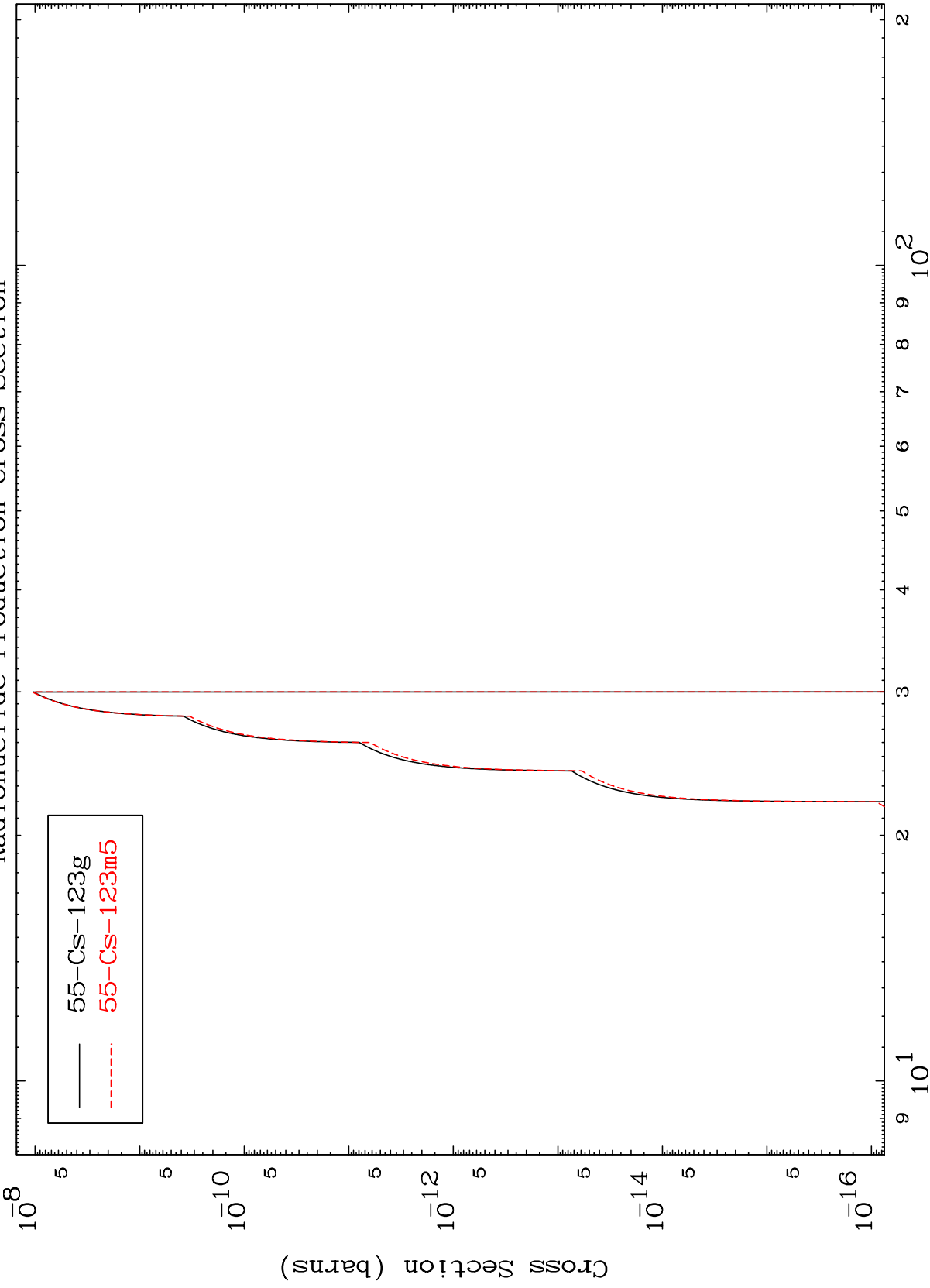
$^{57}\text{La-128}$

MAT 5695

( $\alpha, n'$ )  $2\alpha$

57-La-128

Radionuclide Production Cross Section



55-Cs-123g  
55-Cs-123m5

14

Incident Energy (MeV)

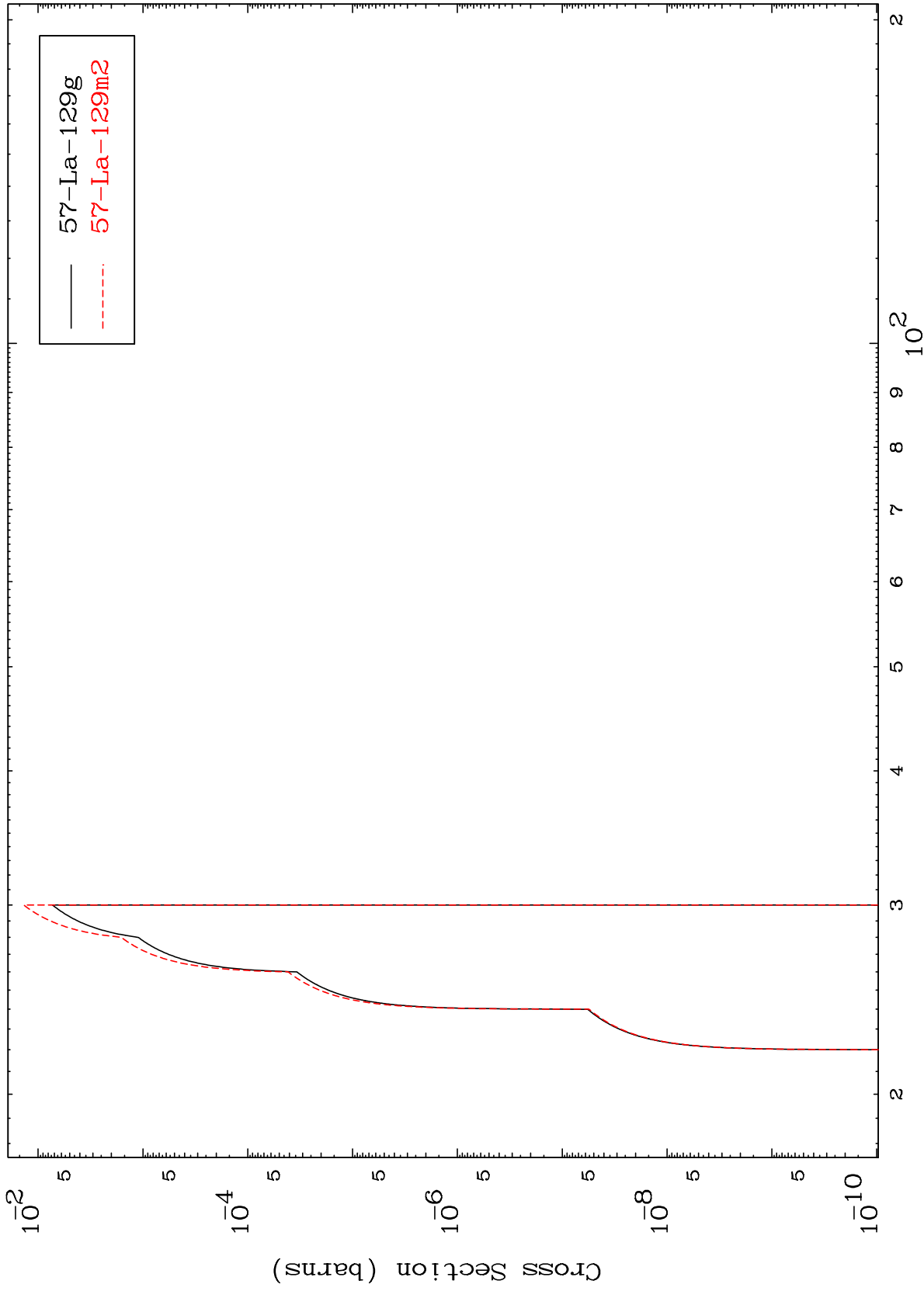
57-La-128

MAT 5695

( $\alpha, 2n$ ) p

57-La-128

Radionuclide Production Cross Section



15

Incident Energy (MeV)

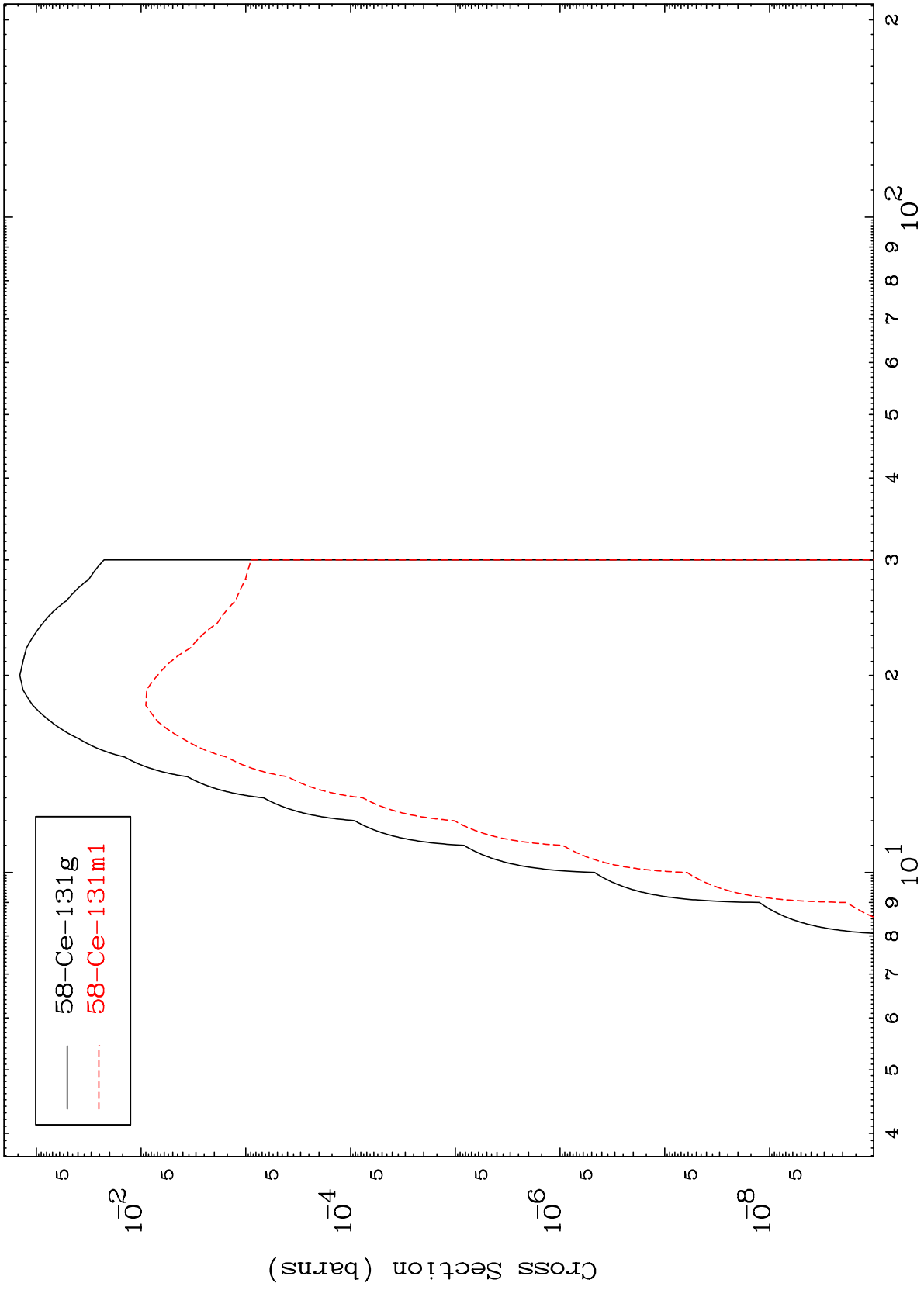
57-La-128



MAT 5695

57-La-128

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



— 58-Ce-131g  
- - - 58-Ce-131m1

16

Incident Energy (MeV)

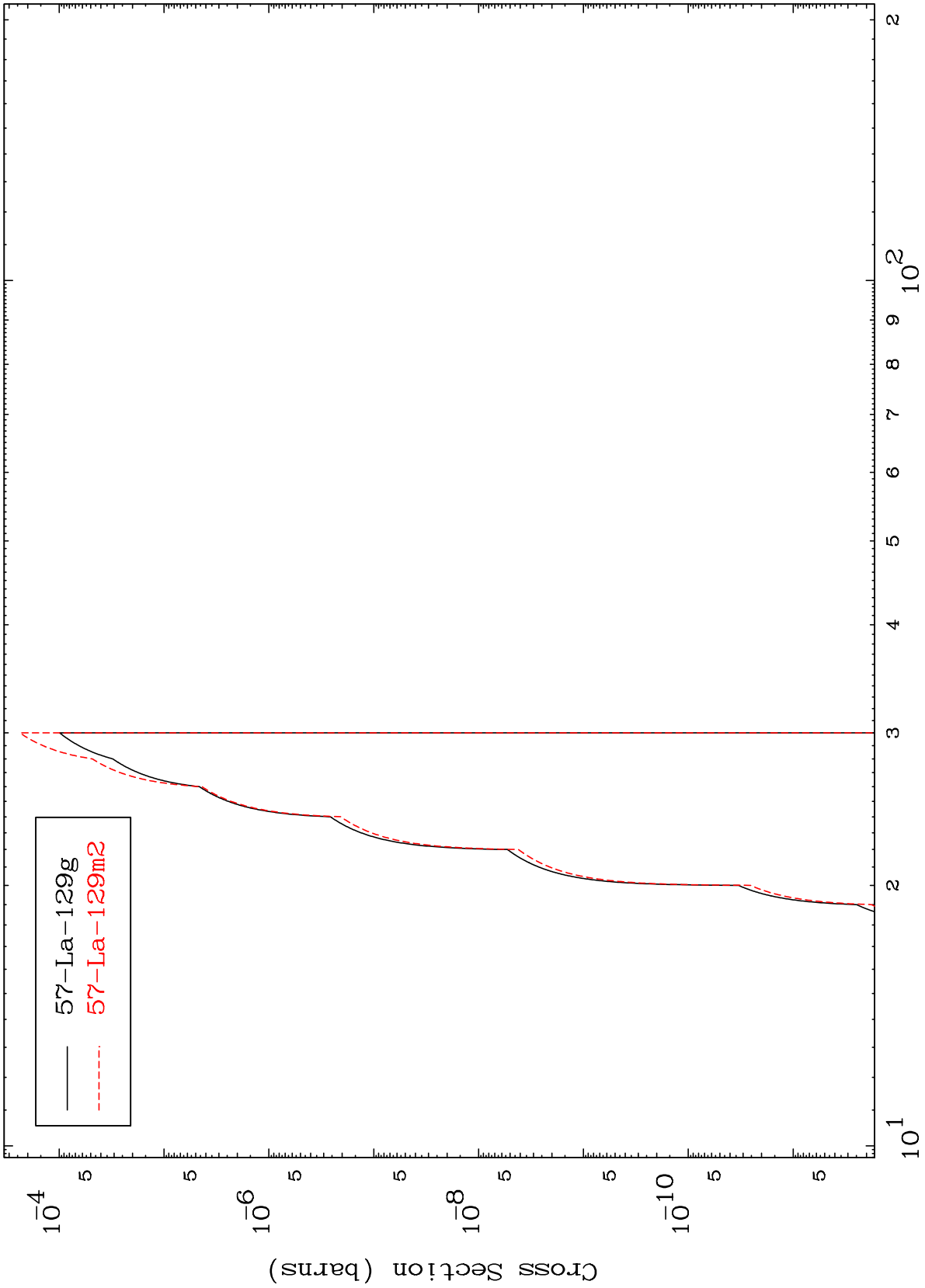
57-La-128

MAT 5695

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

57-La-128

Radionuclide Production Cross Section



17

Incident Energy (MeV)

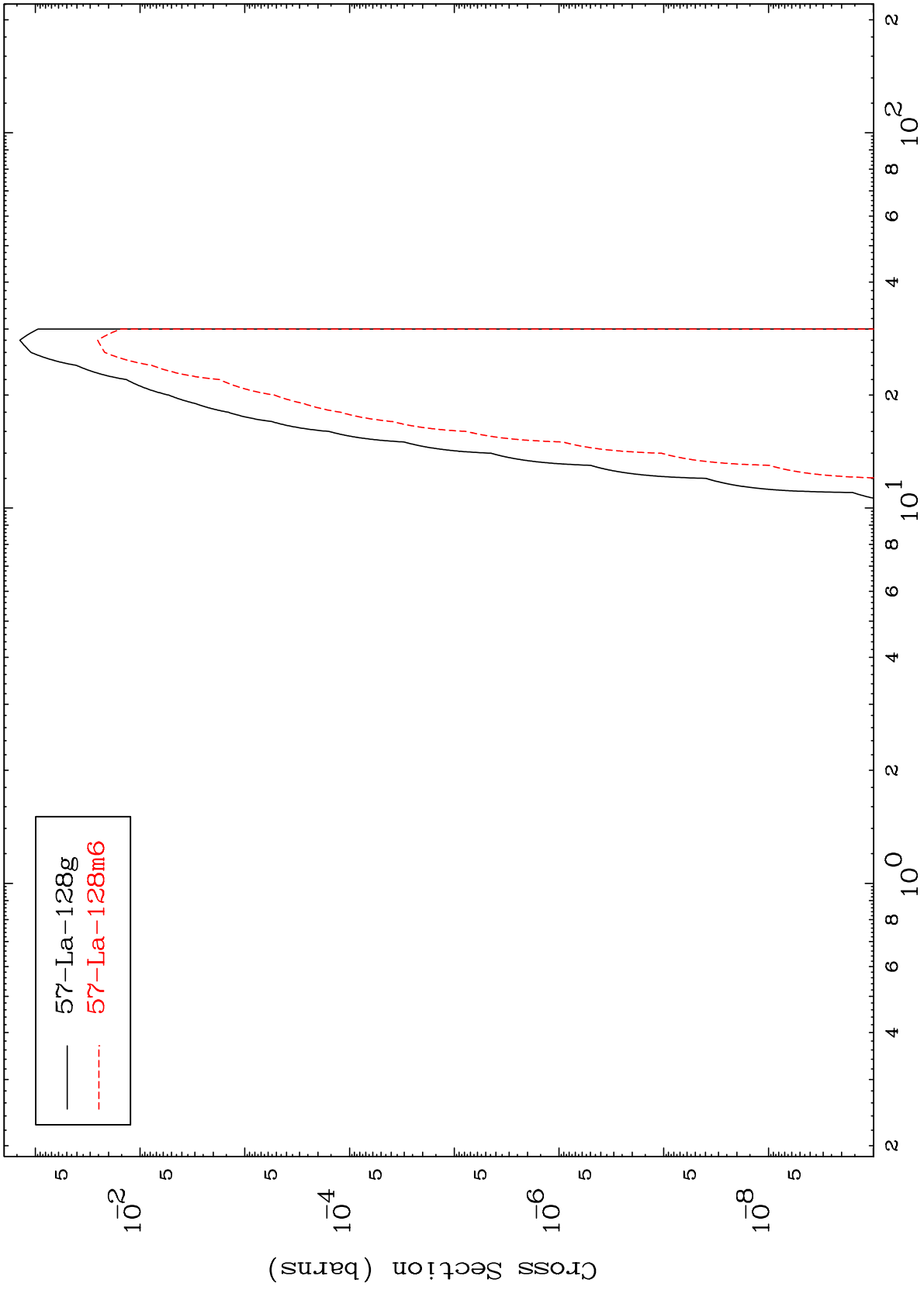
57-La-128

MAT 5695

( $\alpha, \alpha$ )

57-La-128

Radionuclide Production Cross Section



18

Incident Energy (MeV)

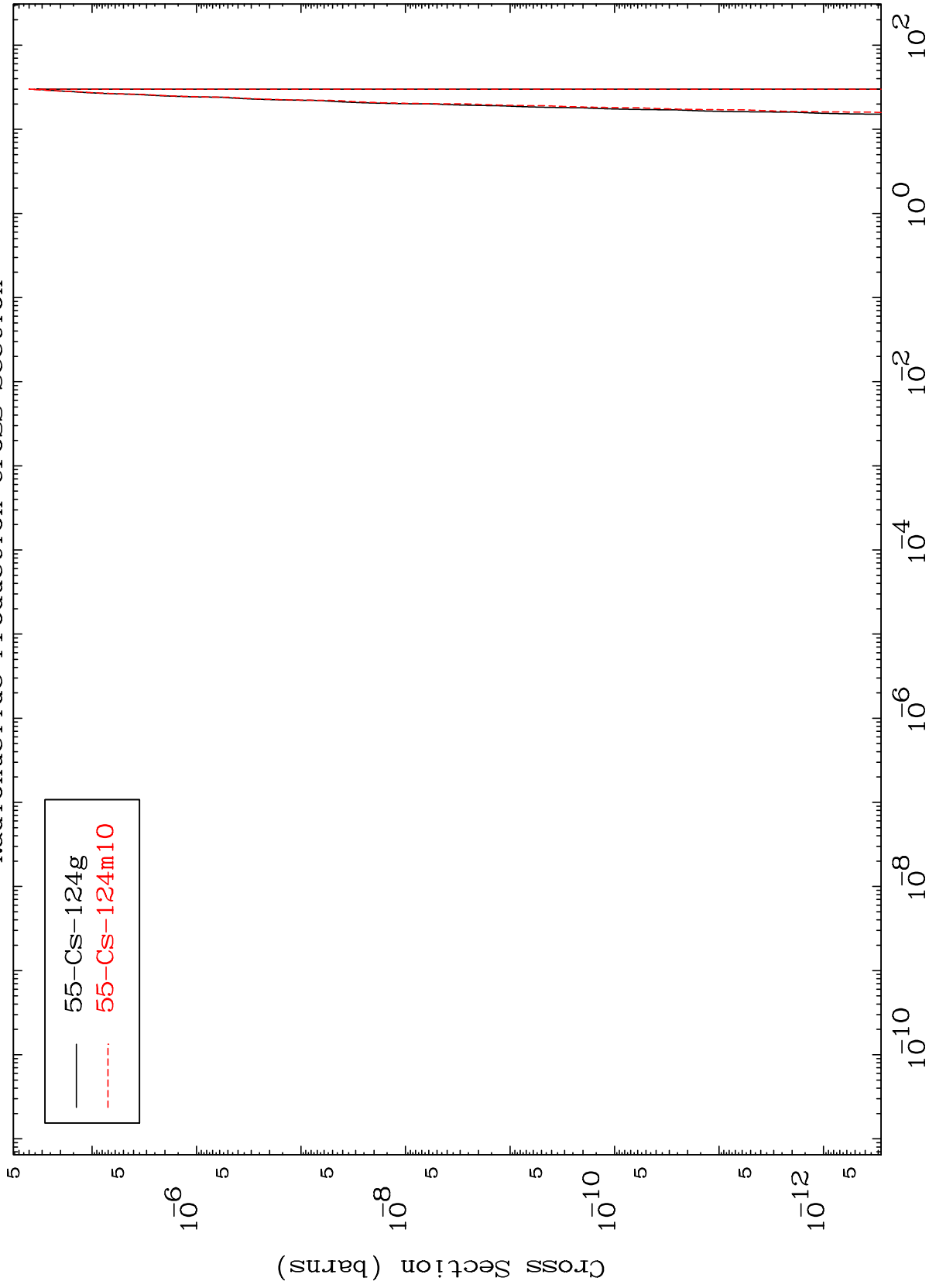
57-La-128

MAT 5695

( $\alpha, 2\alpha$ )

57-La-128

Radionuclide Production Cross Section



19

Incident Energy (MeV)

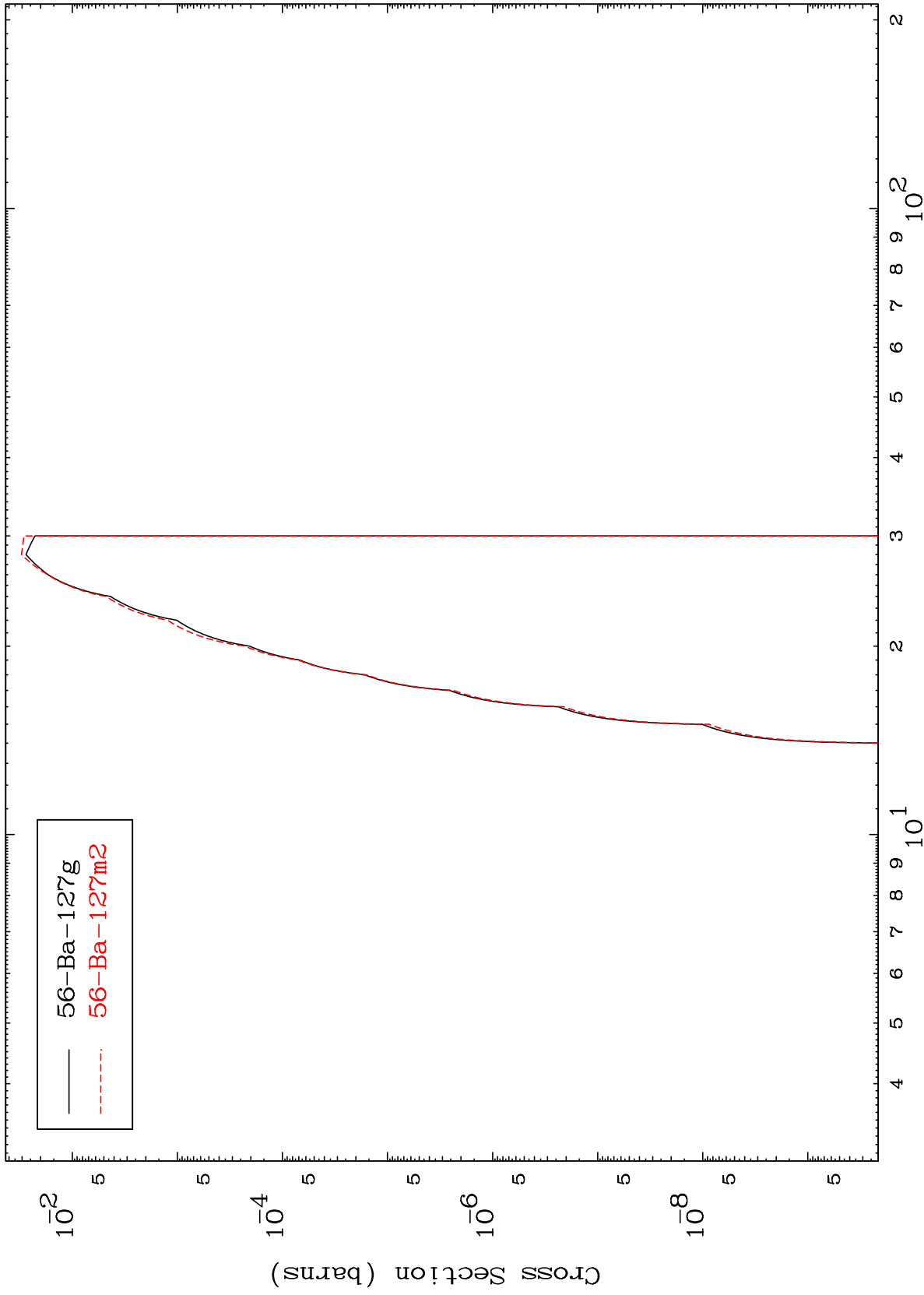
57-La-128

MAT 5695

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

57-La-128

Radionuclide Production Cross Section



20

Incident Energy (MeV)

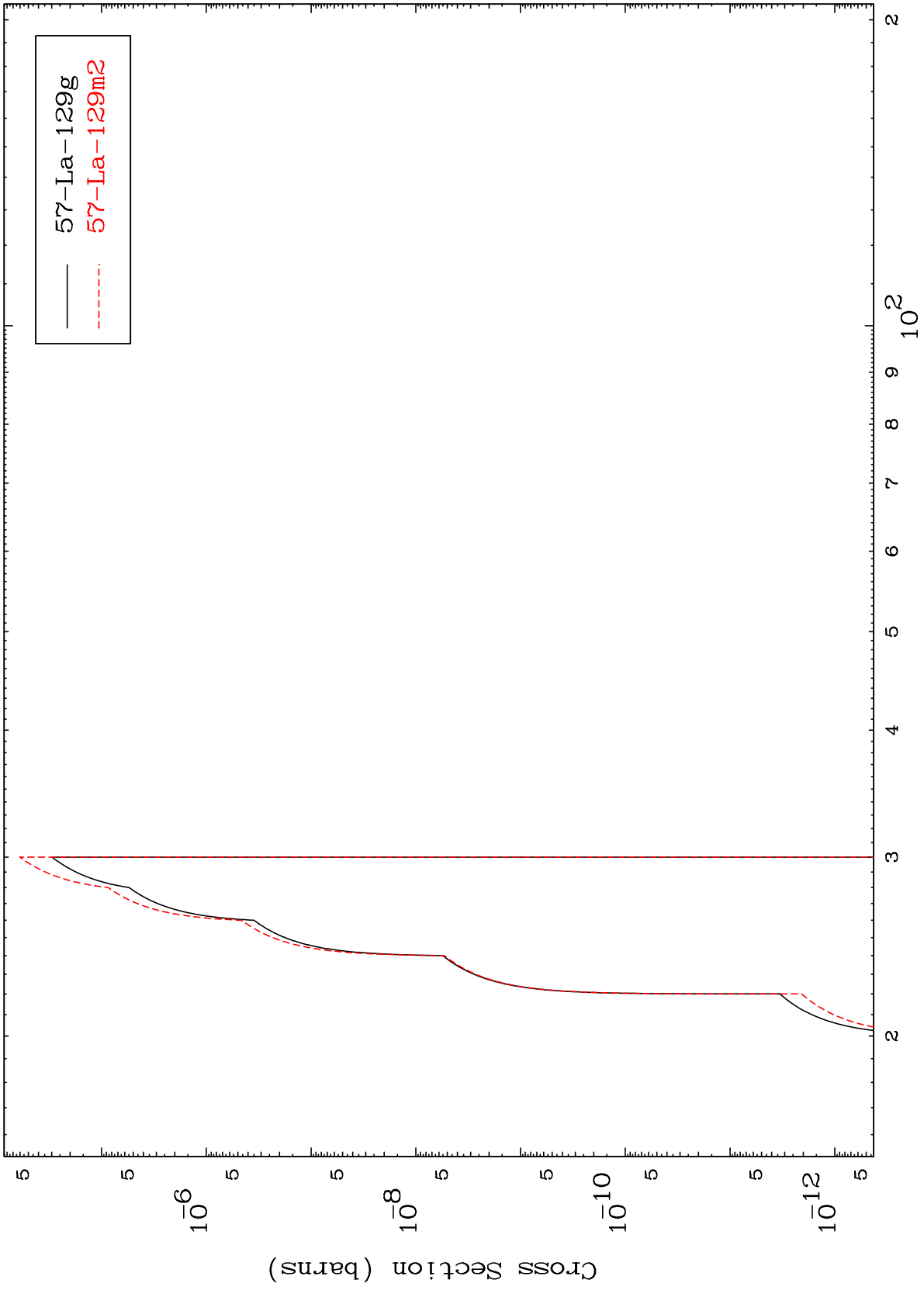
57-La-128

MAT 5695

( $\alpha, p$ ) d

57-La-128

Radionuclide Production Cross Section



21

Incident Energy (MeV)

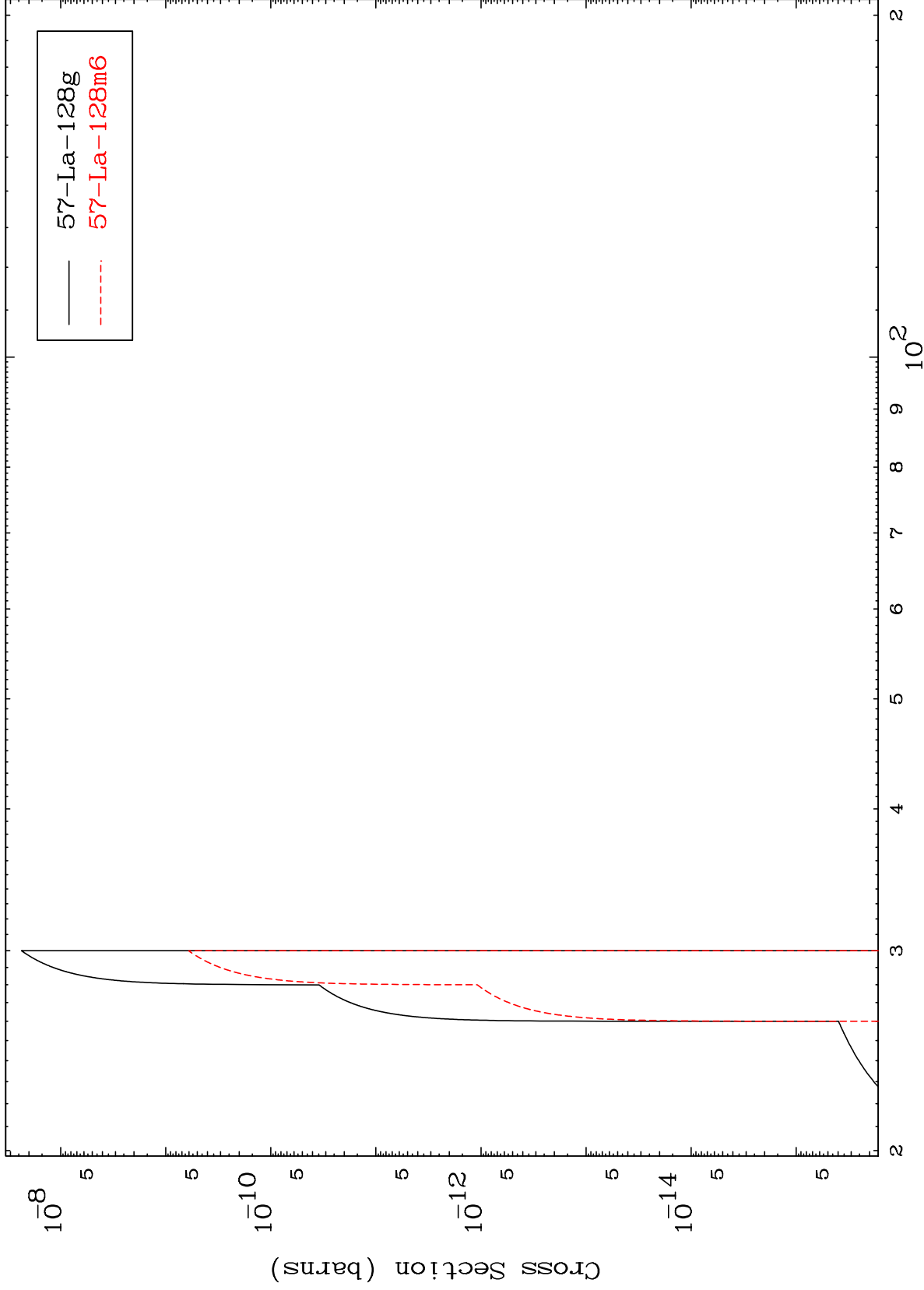
57-La-128

MAT 5695

( $\alpha, p$ ) t

57-La-128

Radionuclide Production Cross Section



22

Incident Energy (MeV)

57-La-128