

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

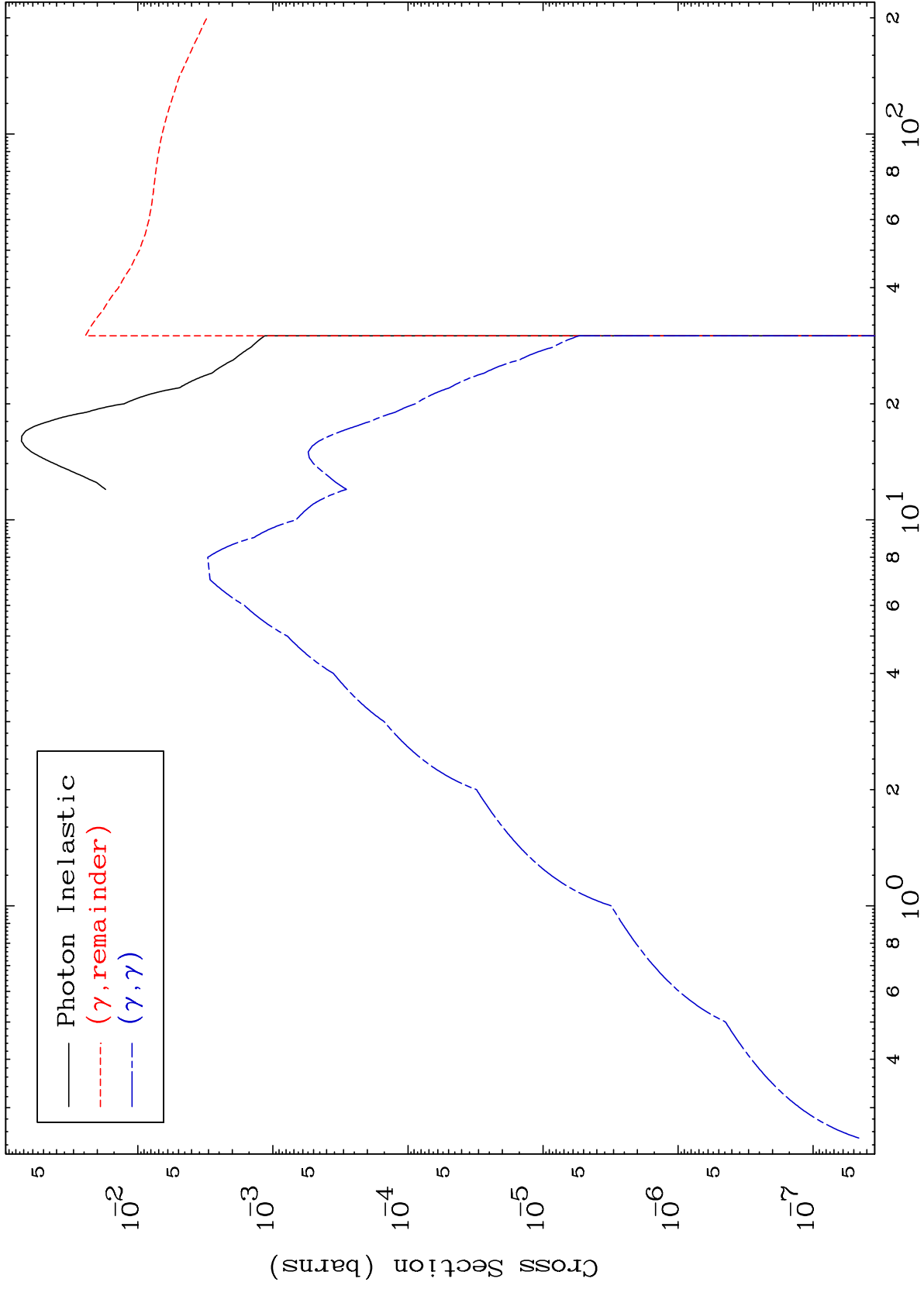
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 4707

Photon Major  
0 Kelvin Cross Sections

47-Ag-101



1

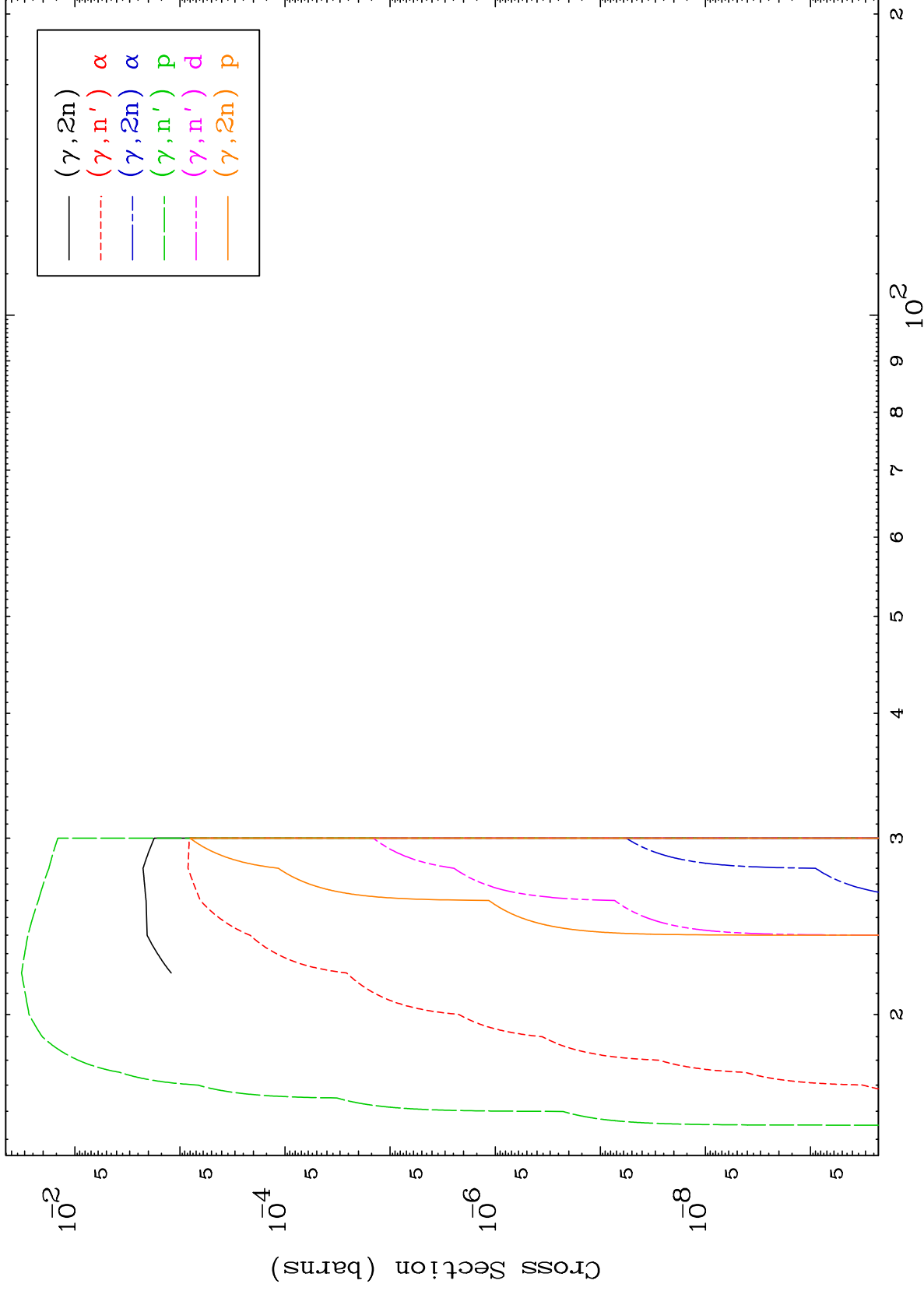
Incident Energy (MeV)

47-Ag-101

MAT 4707

Photon Neutron Production  
0 Kelvin Cross Sections

47-Ag-101



47-Ag-101

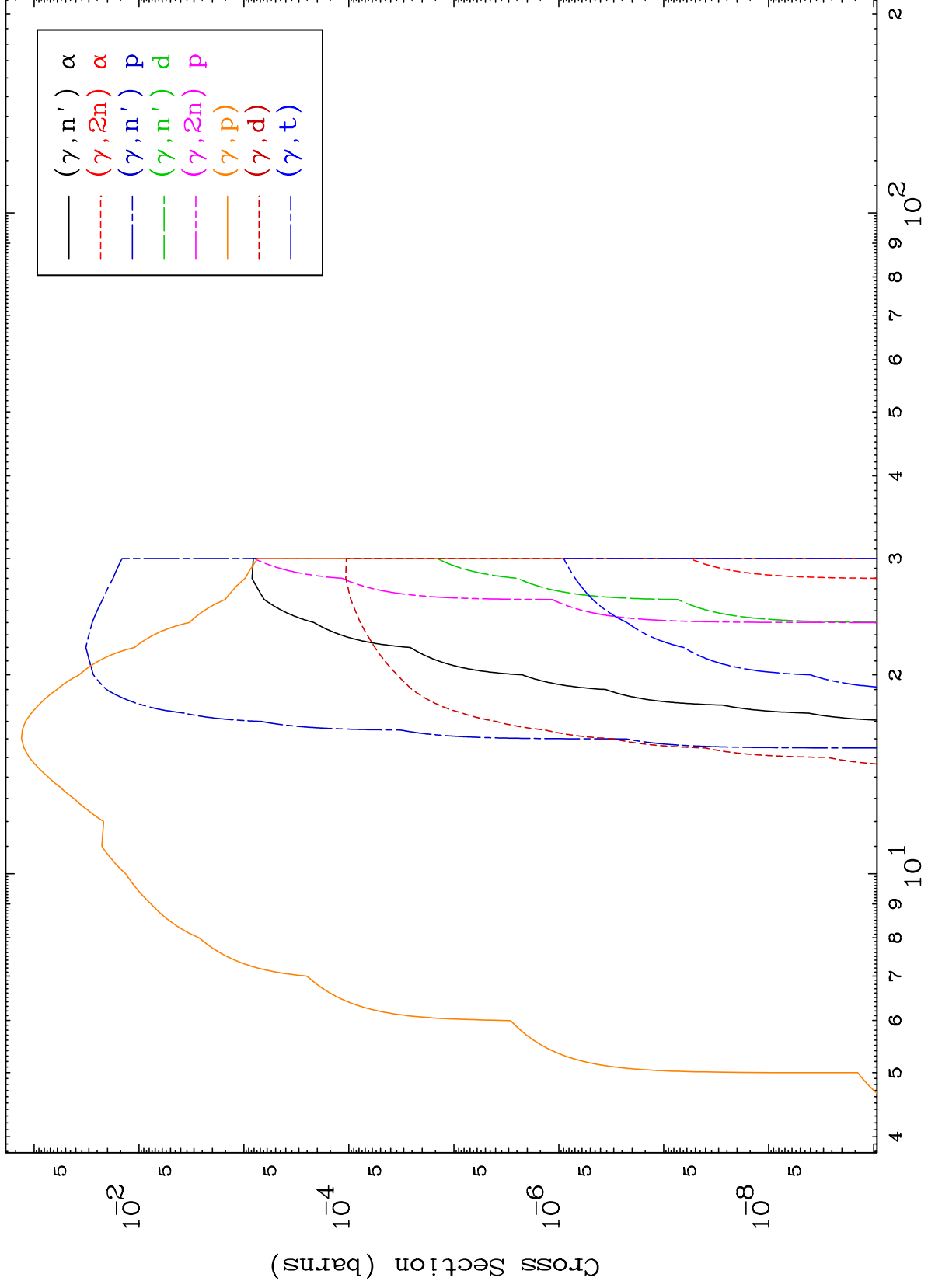
Incident Energy (MeV)

2

MAT 4707

Photon Charged Particle  
0 Kelvin Cross Sections

47-Ag-101



47-Ag-101

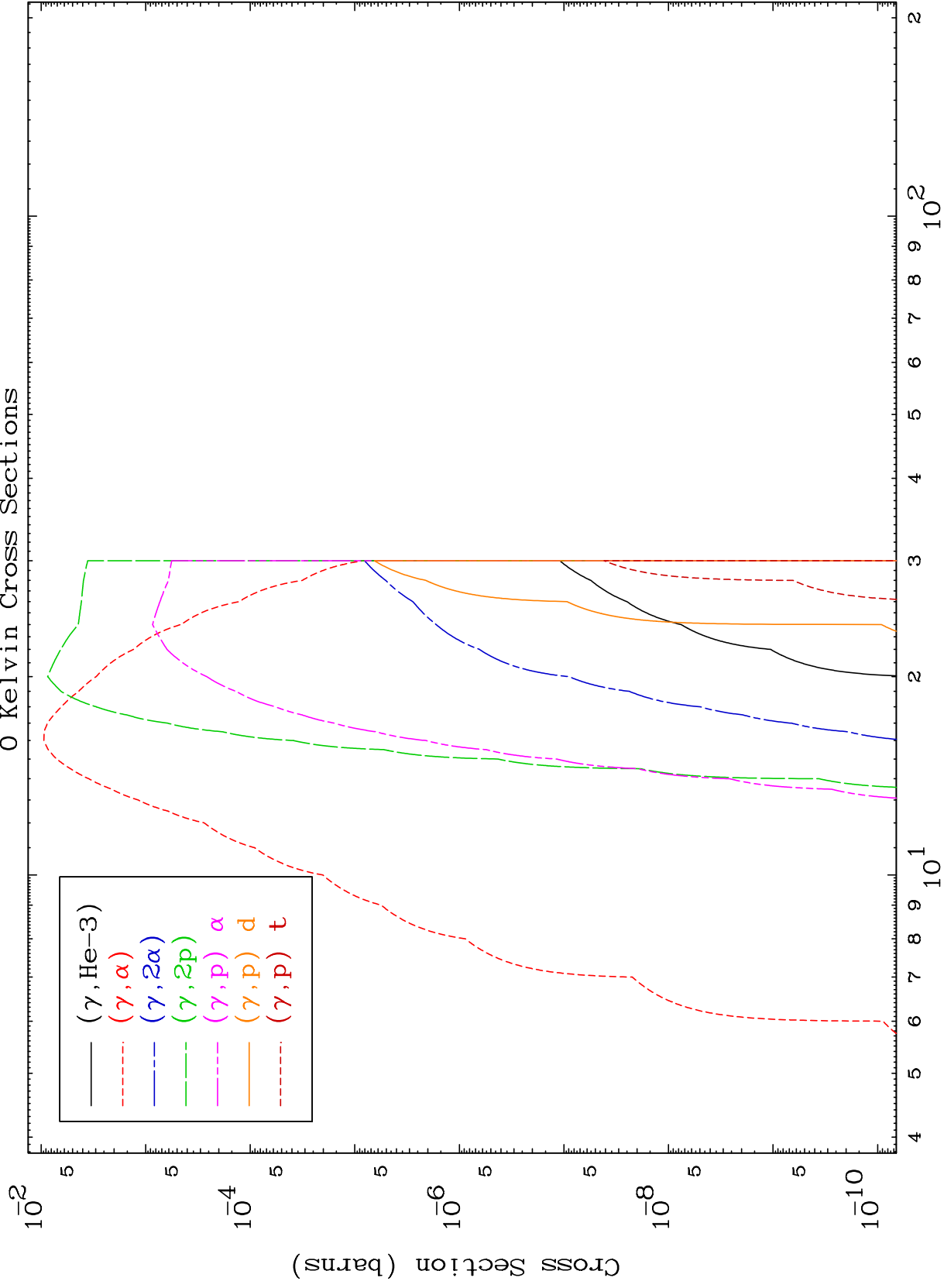
Incident Energy (MeV)

3

MAT 4707

Photon Charged Particle  
0 Kelvin Cross Sections

47-Ag-101



Incident Energy (MeV)

47-Ag-101

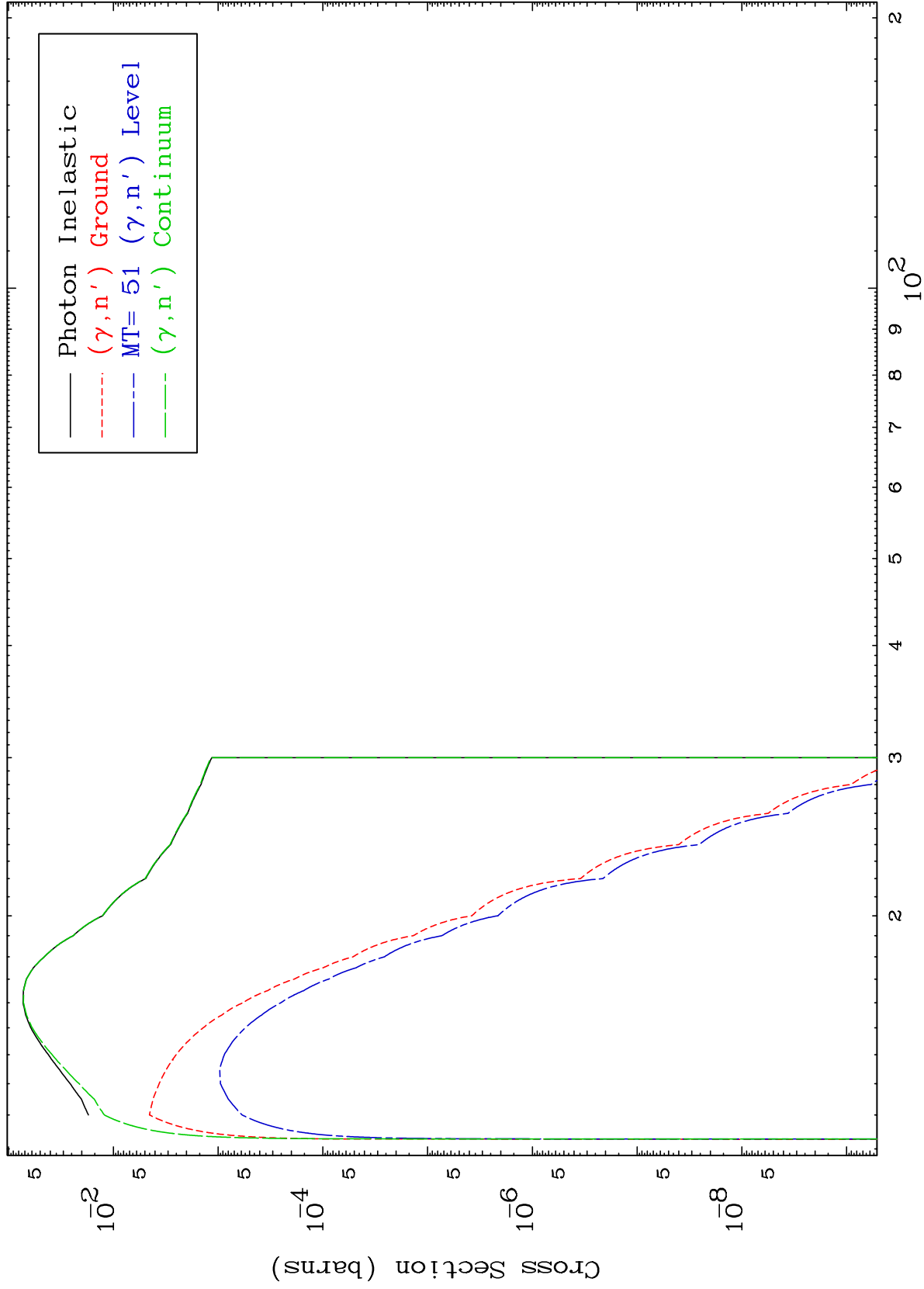
4

MAT 4707

( $\gamma, n'$ ) Level

47-Ag-101

0 Kelvin Cross Sections



5

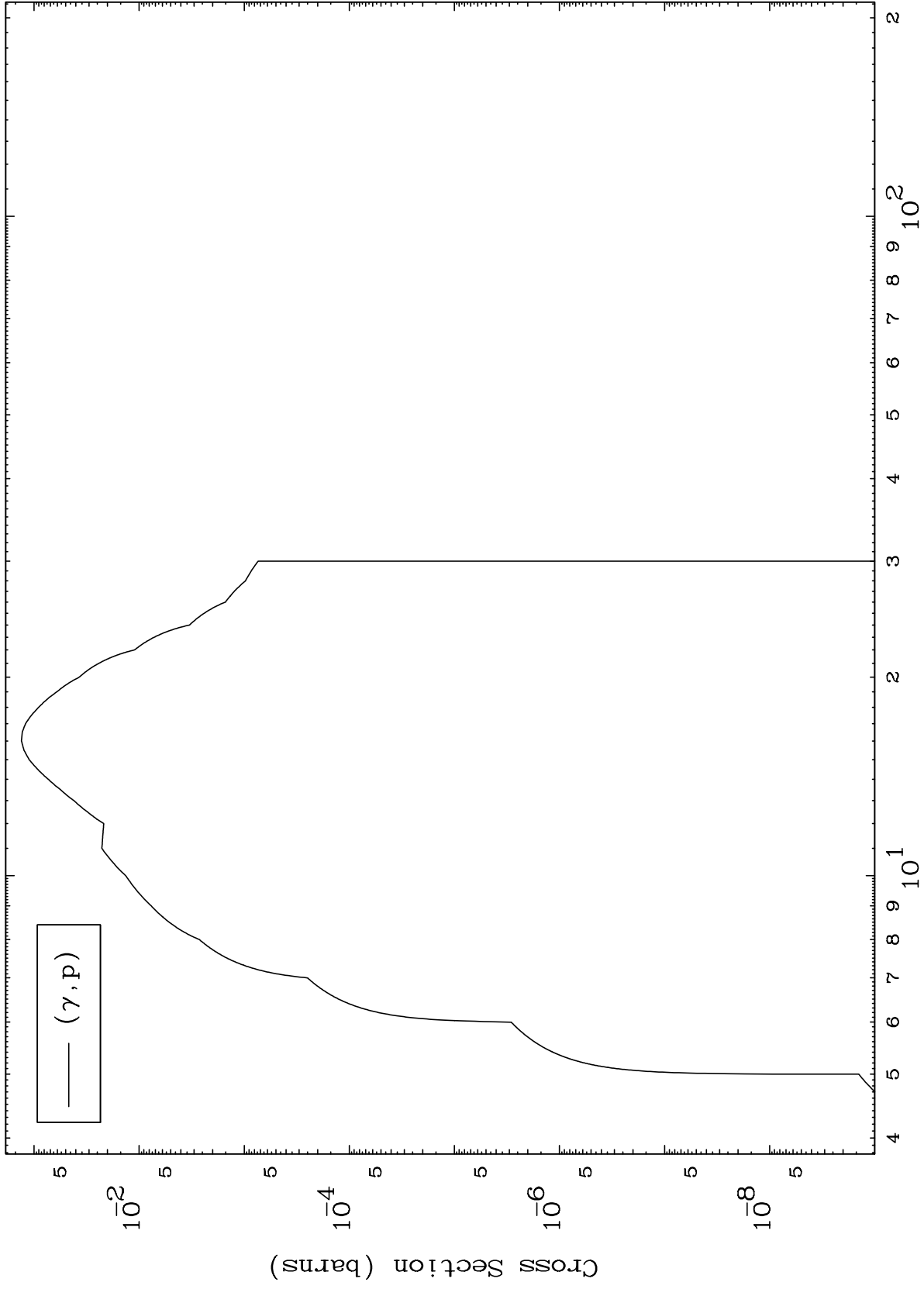
Incident Energy (MeV)

47-Ag-101

MAT 4707

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

47-Ag-101



6

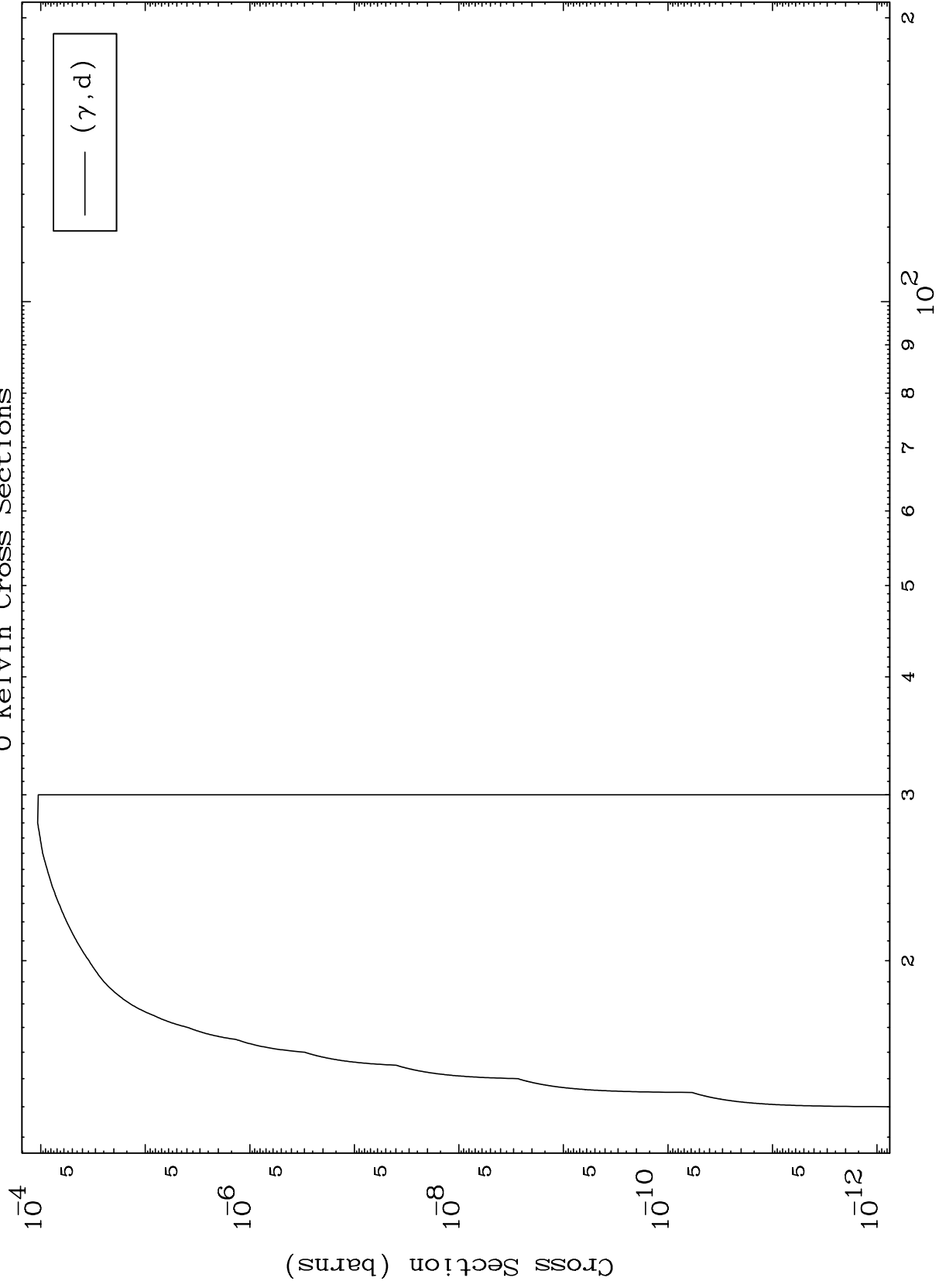
Incident Energy (MeV)

47-Ag-101

MAT 4707

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

47-Ag-101



7

Incident Energy (MeV)

47-Ag-101

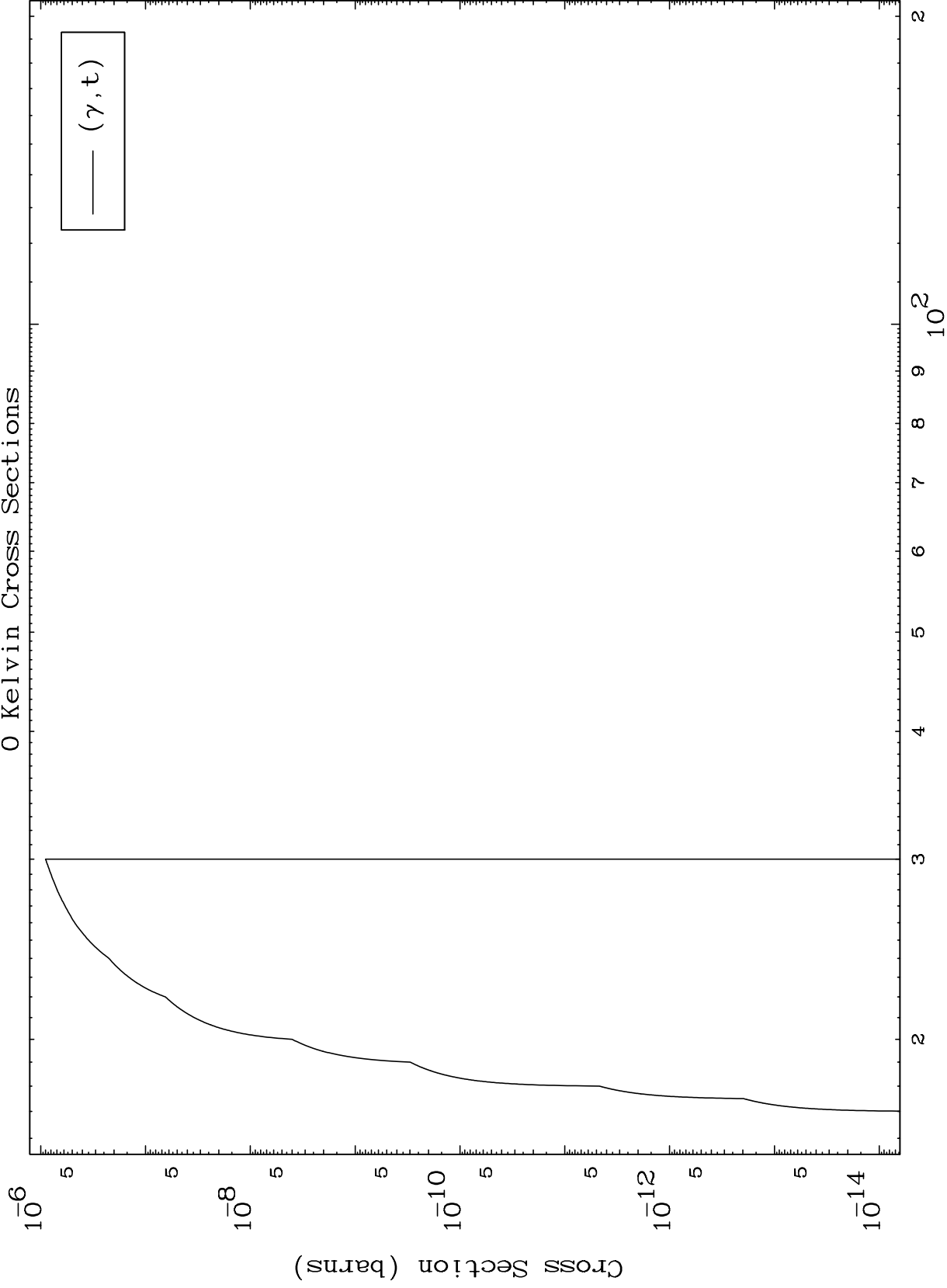


MAT 4707

( $\gamma, t$ ) Levels

47-Ag-101

0 Kelvin Cross Sections

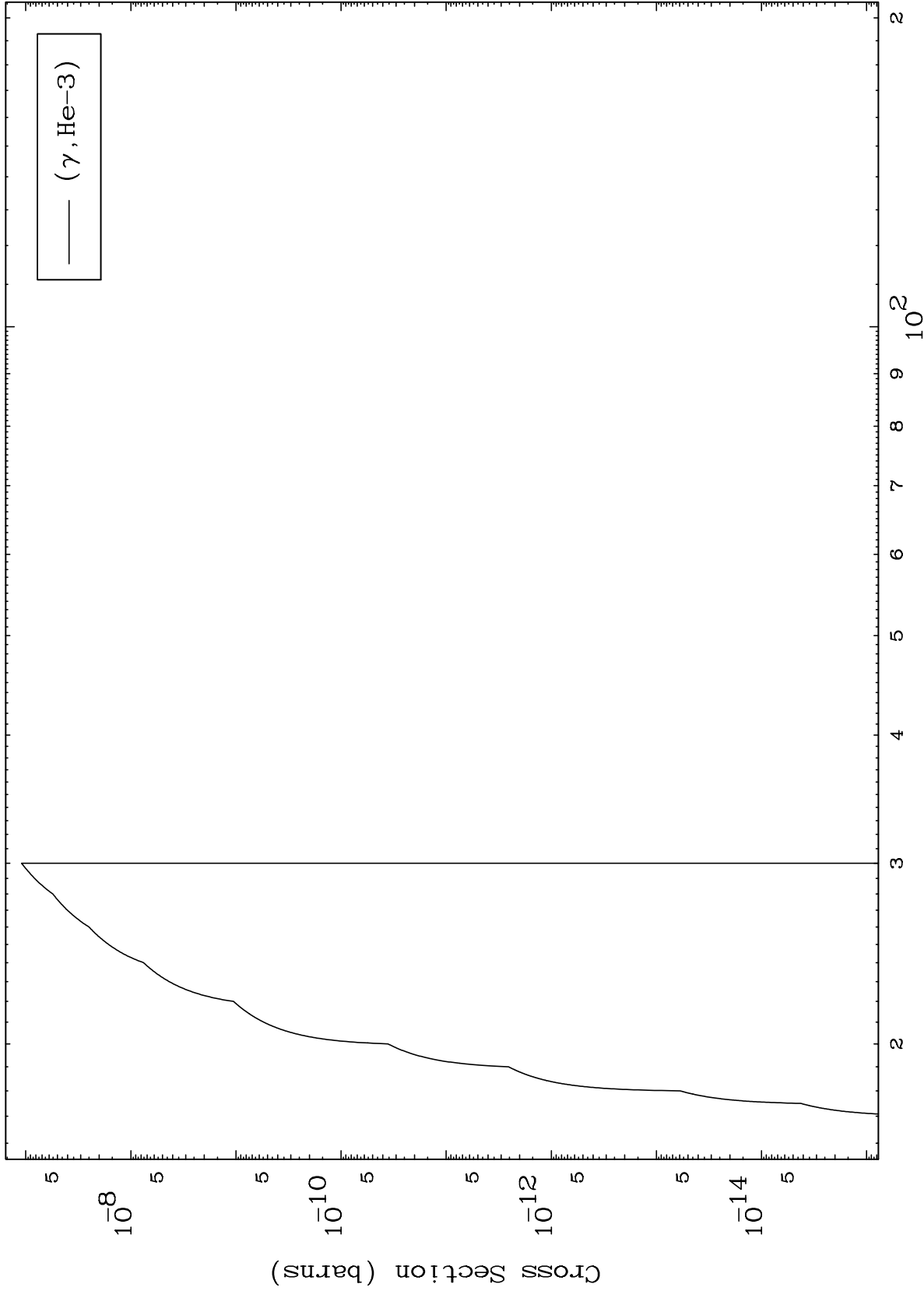


8

Incident Energy (MeV)

47-Ag-101

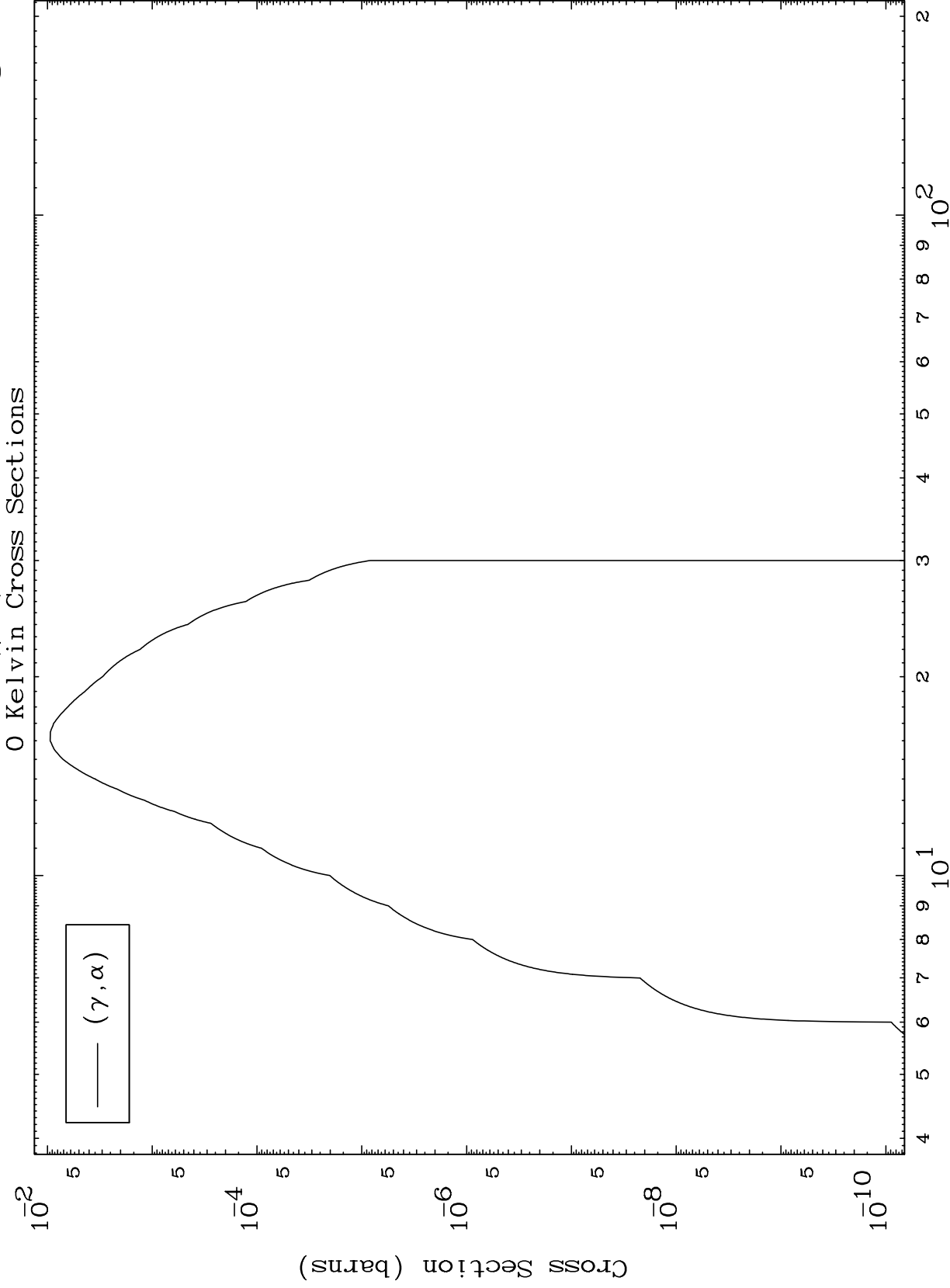
( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections



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( $\gamma, \alpha$ ) Levels

47-Ag-101



10

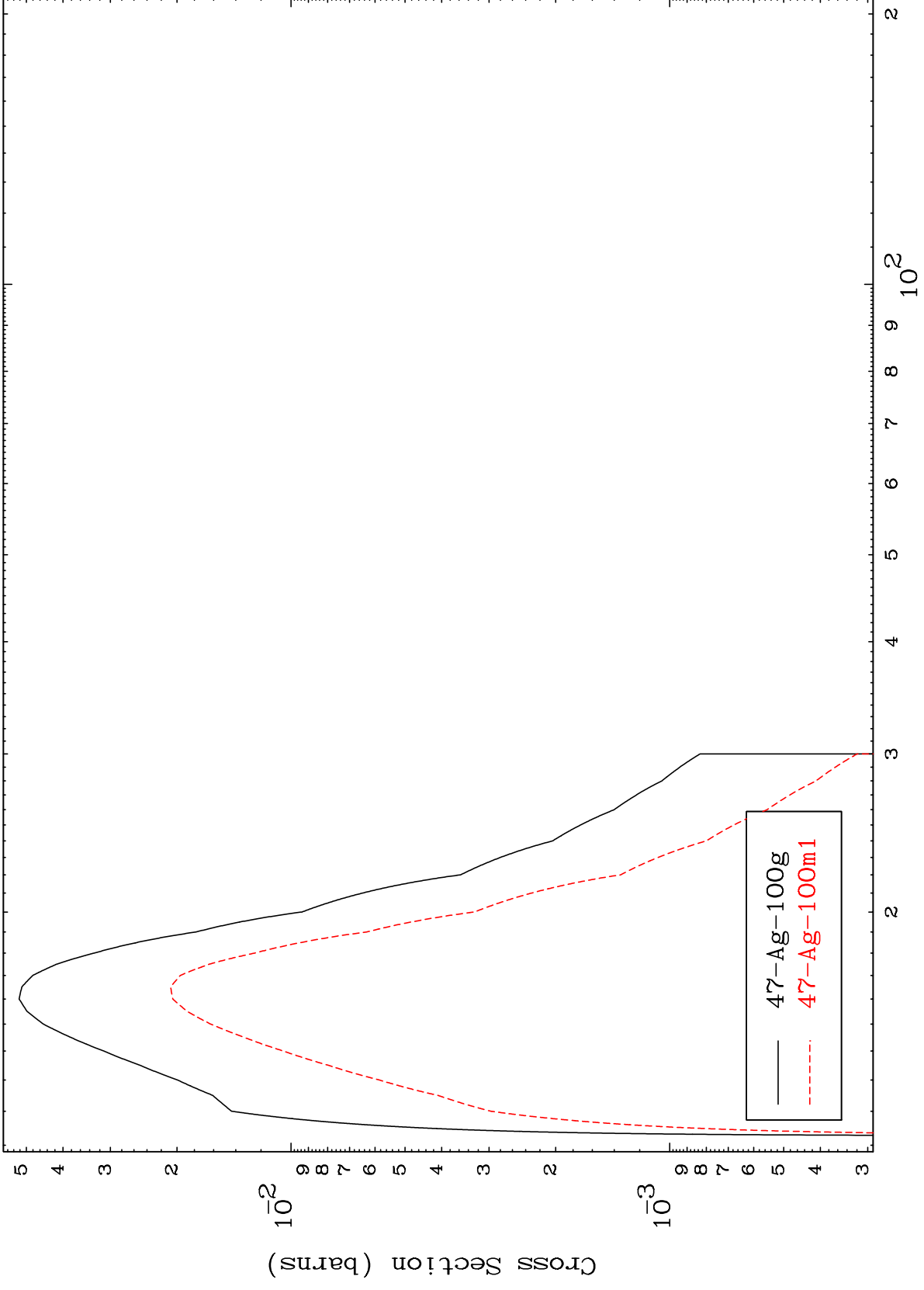
Incident Energy (MeV)

47-Ag-101

MAT 4707

Photon Inelastic  
Radionuclide Production Cross Section

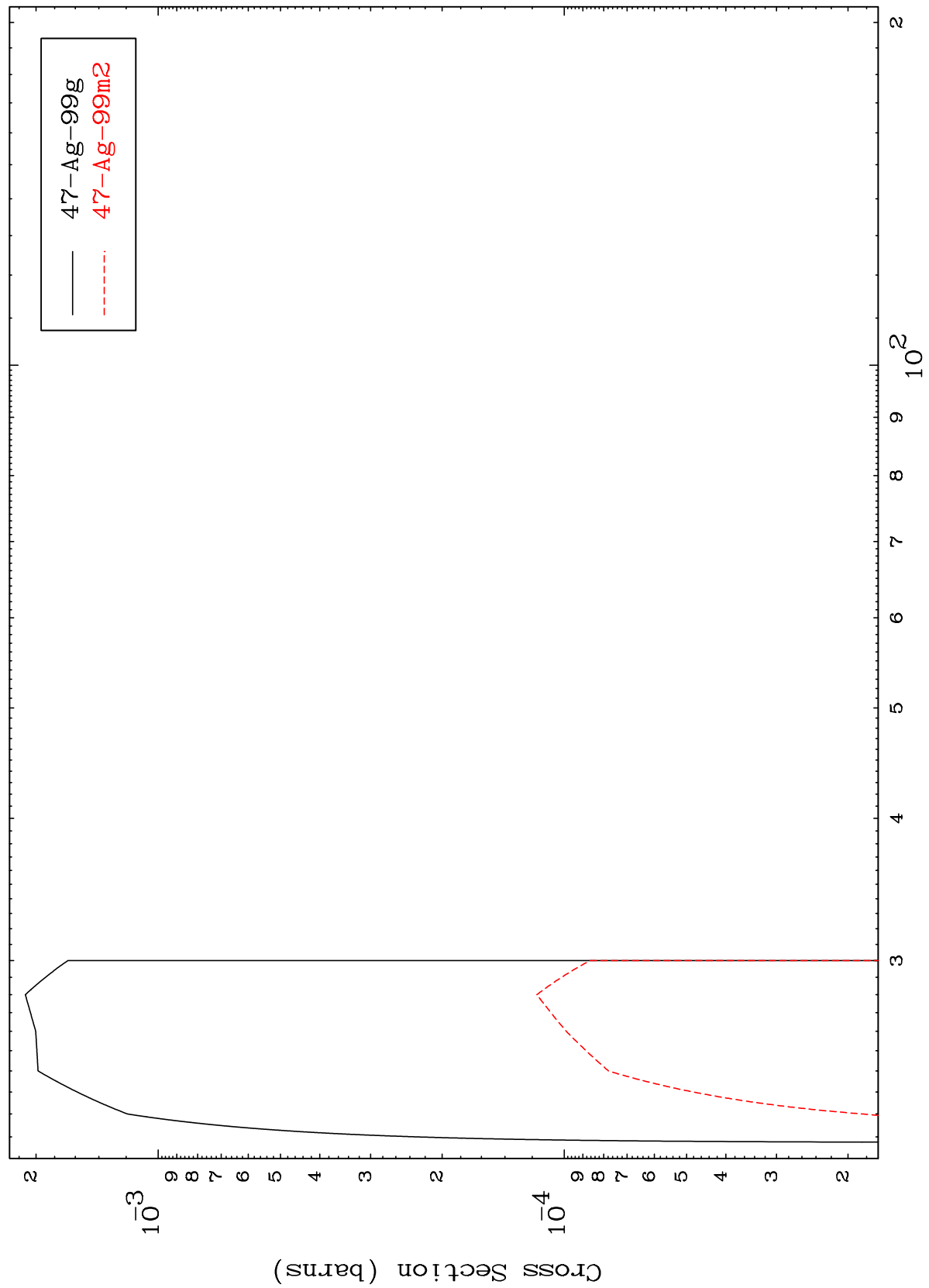
47-Ag-101



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47-Ag-101

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



12

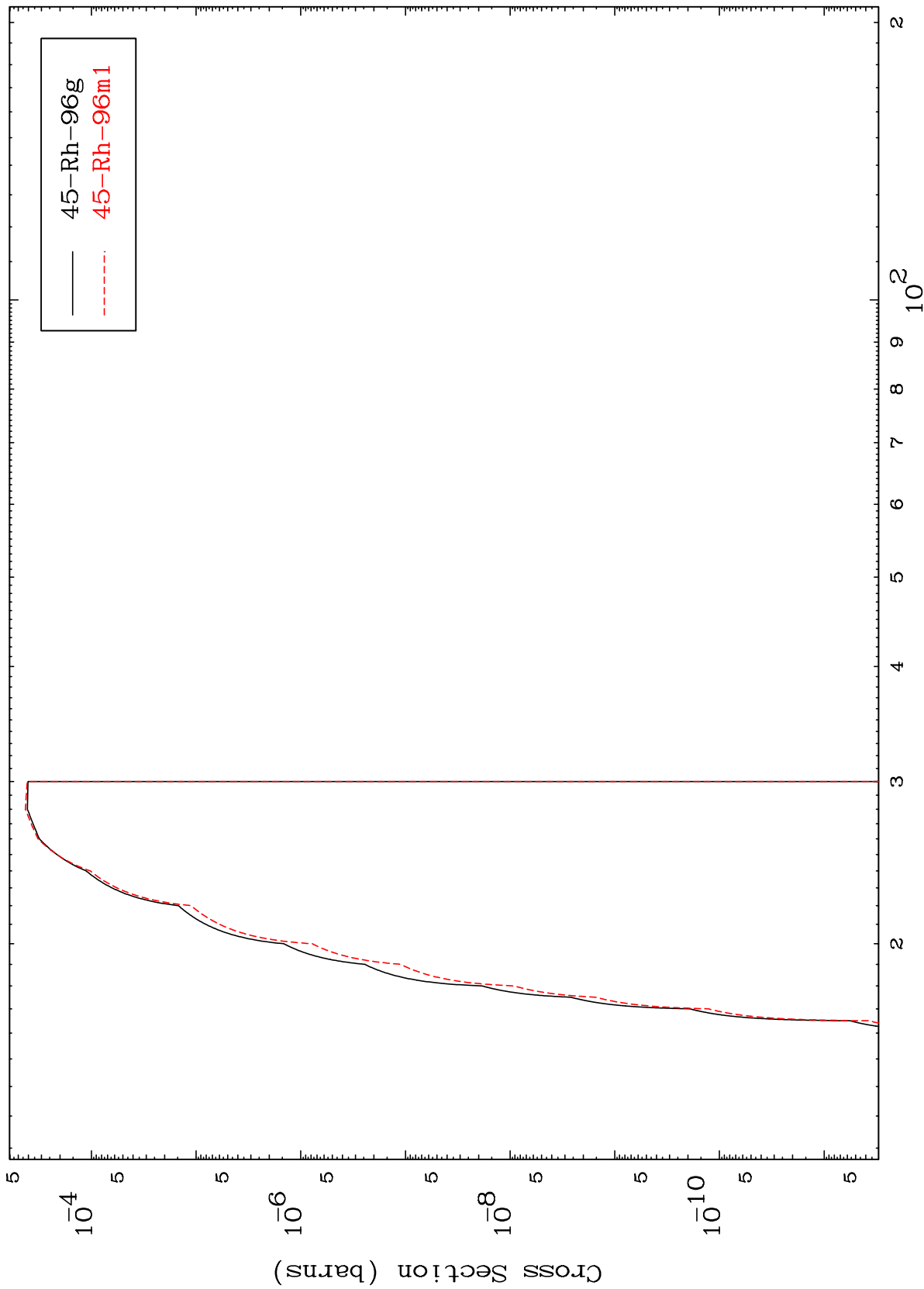
47-Ag-101

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

47-Ag-101

Radionuclide Production Cross Section



13

Incident Energy (MeV)

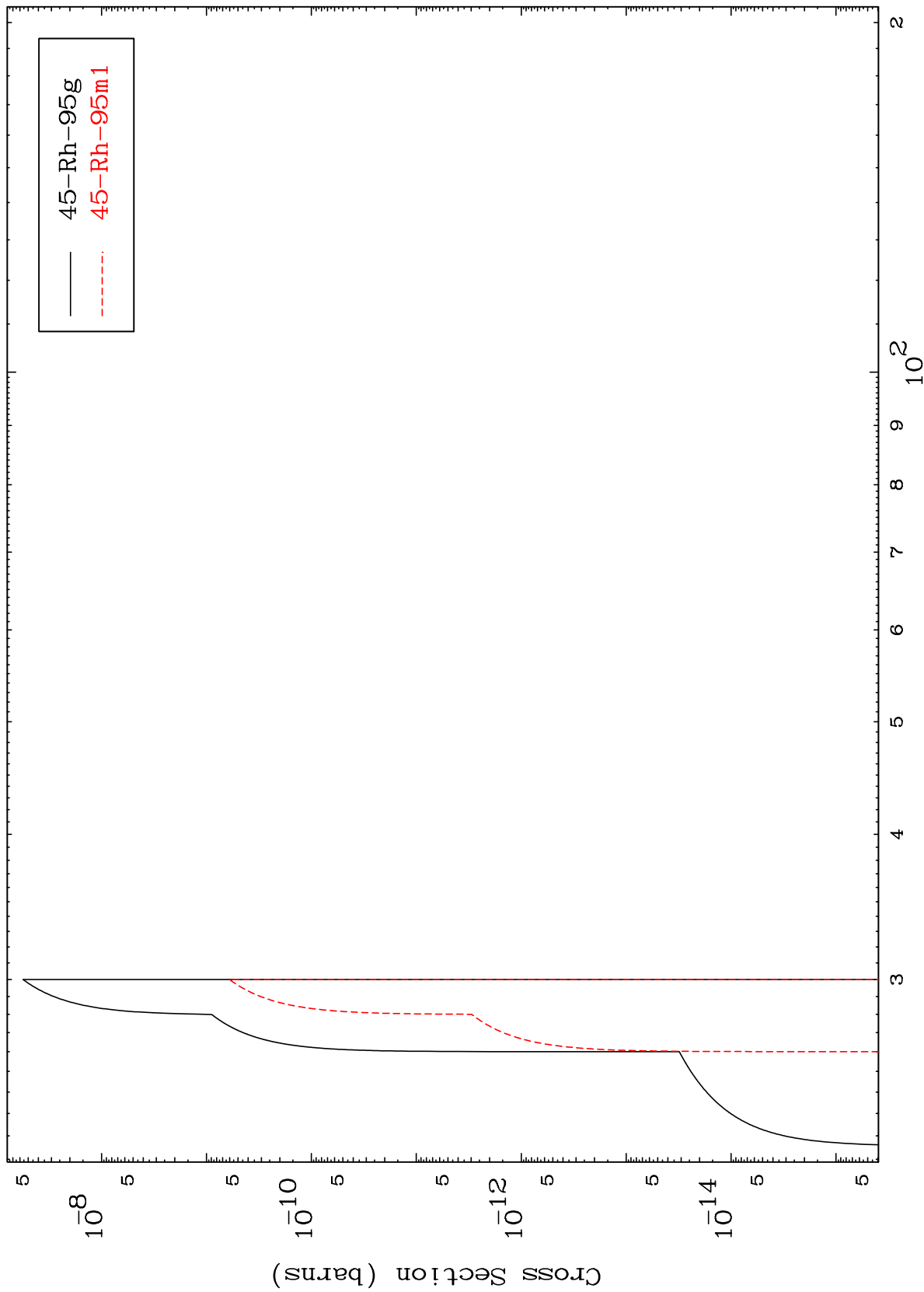
47-Ag-101

MAT 4707

$(\gamma, 2n) \alpha$

47-Ag-101

Radionuclide Production Cross Section



14

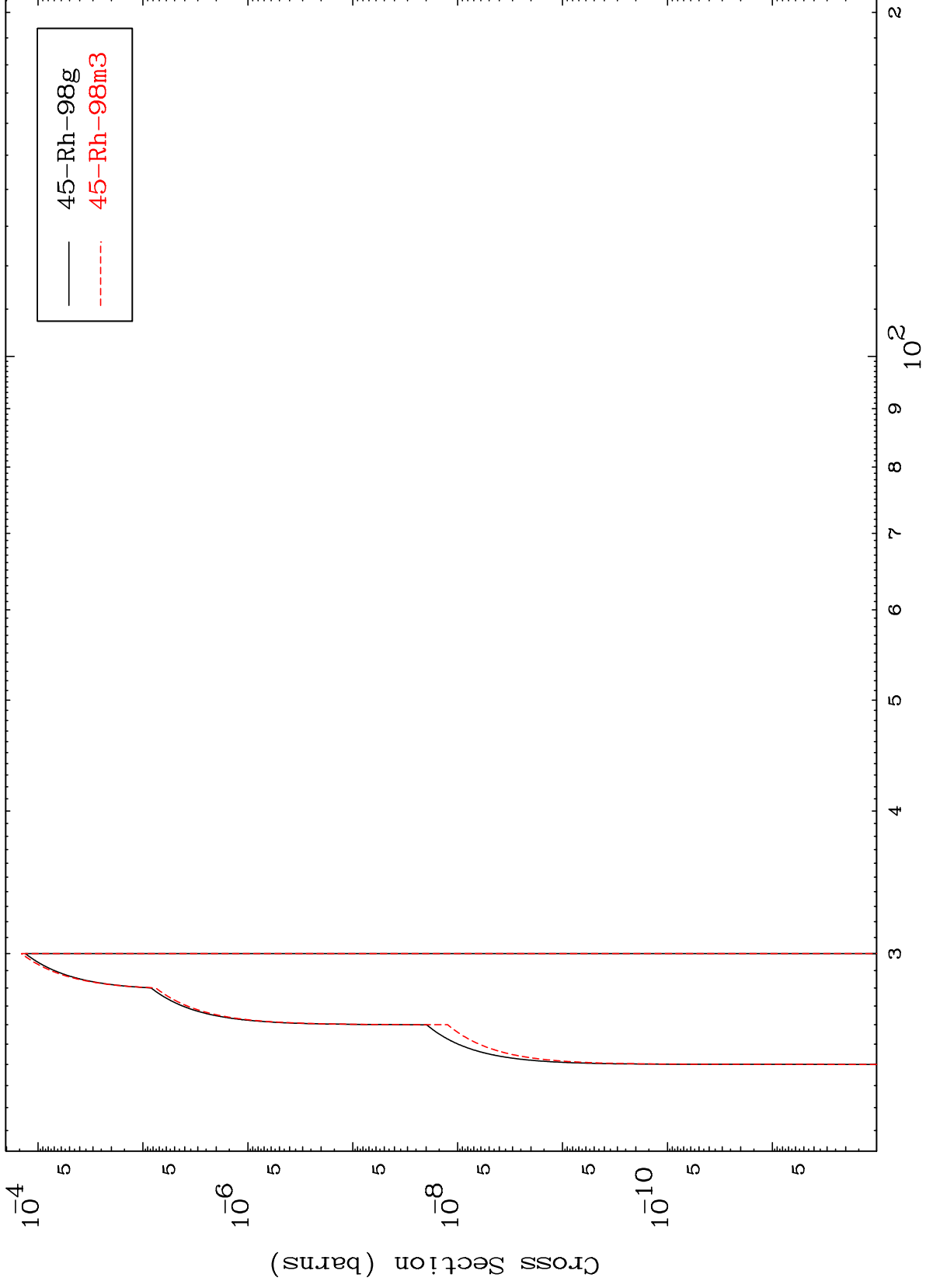
Incident Energy (MeV)

47-Ag-101

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47-Ag-101

$(\gamma, 2n)$  p  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

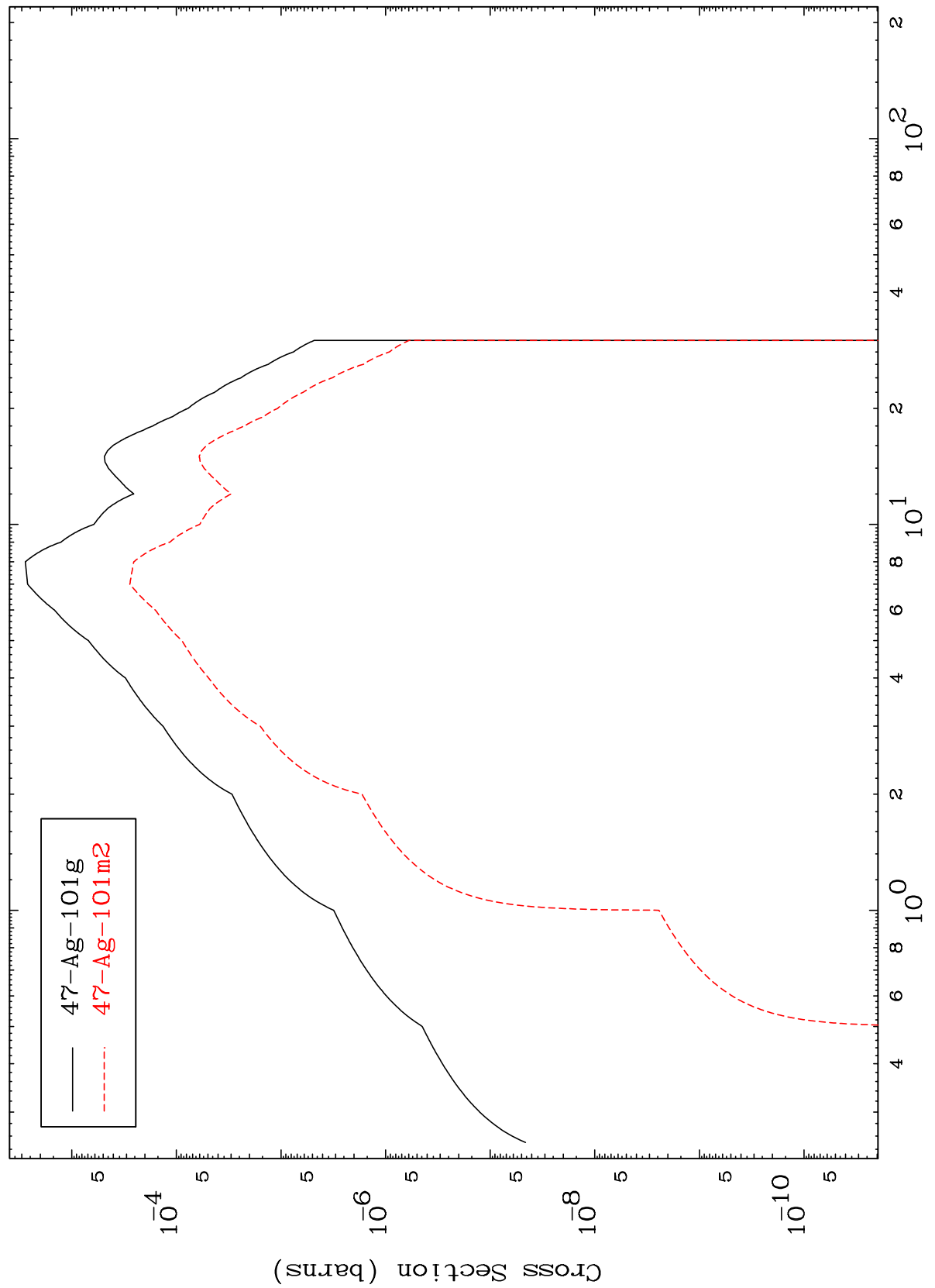
47-Ag-101



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47-Ag-101

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



— 47-Ag-101 g  
- - - 47-Ag-101 m2

16

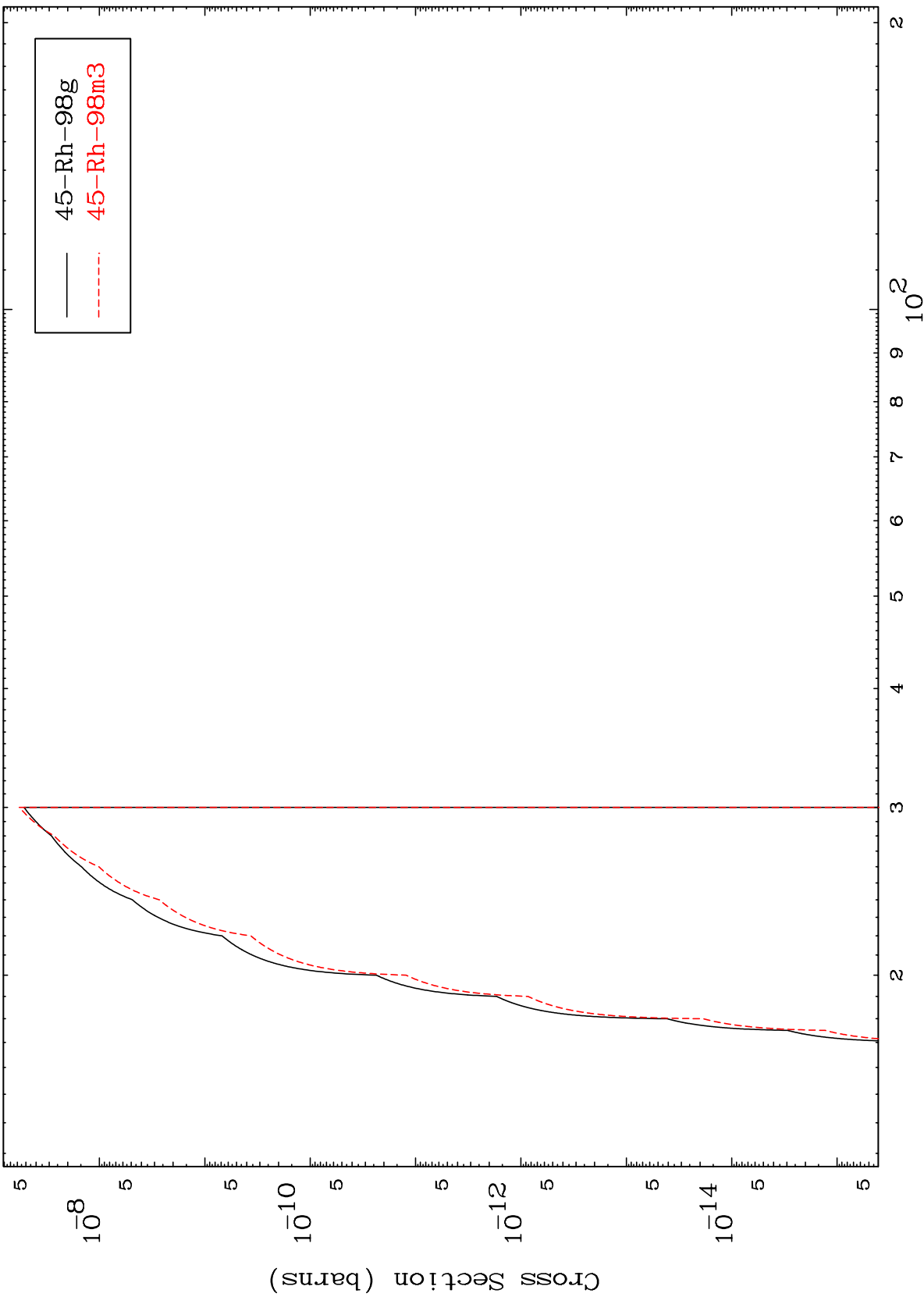
Incident Energy (MeV)

47-Ag-101

MAT 4707

47-Ag-101

( $\gamma, \text{He-3}$ )  
Radionuclide Production Cross Section

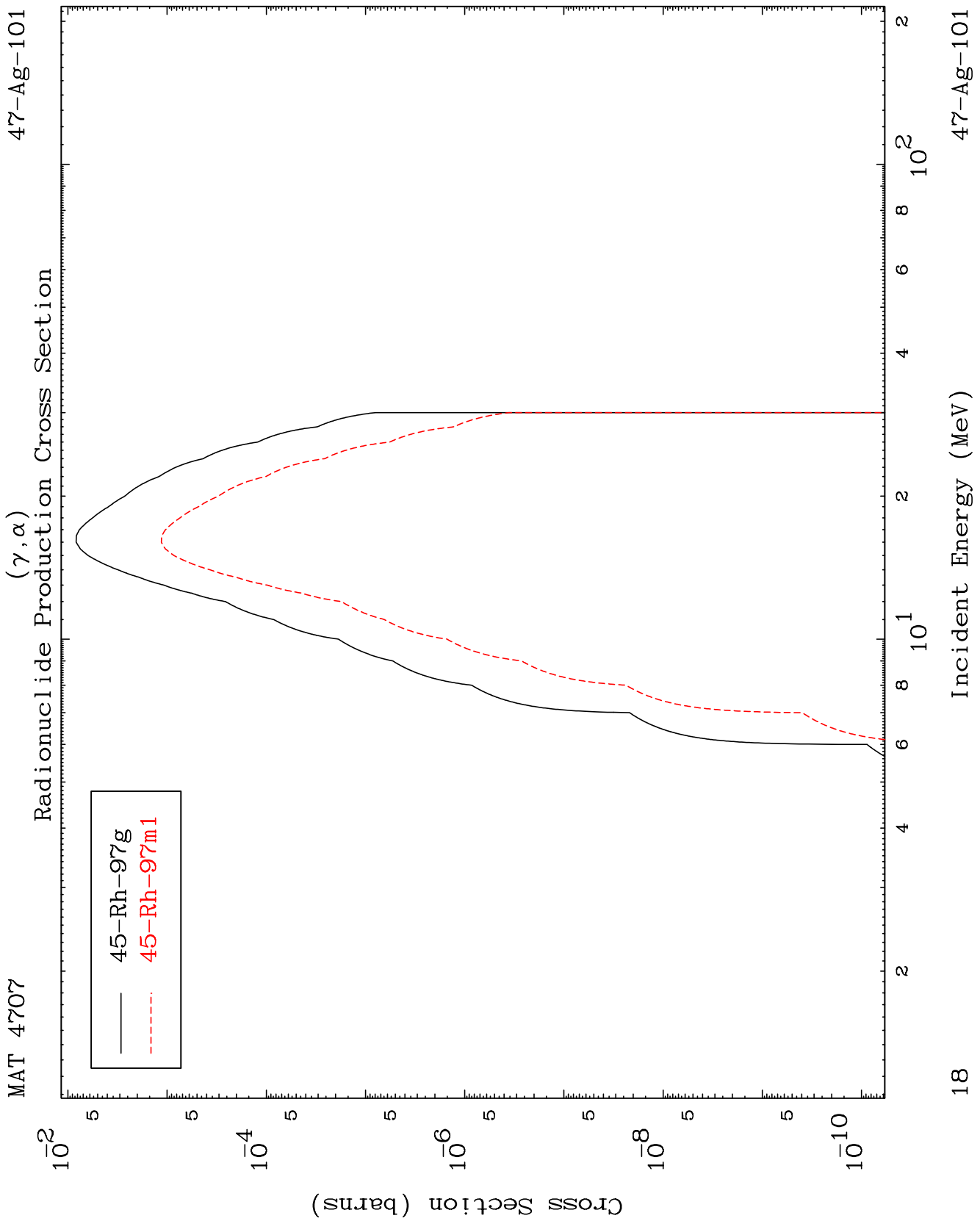


— 45-Rh-98g  
- - - 45-Rh-98m3

17

47-Ag-101

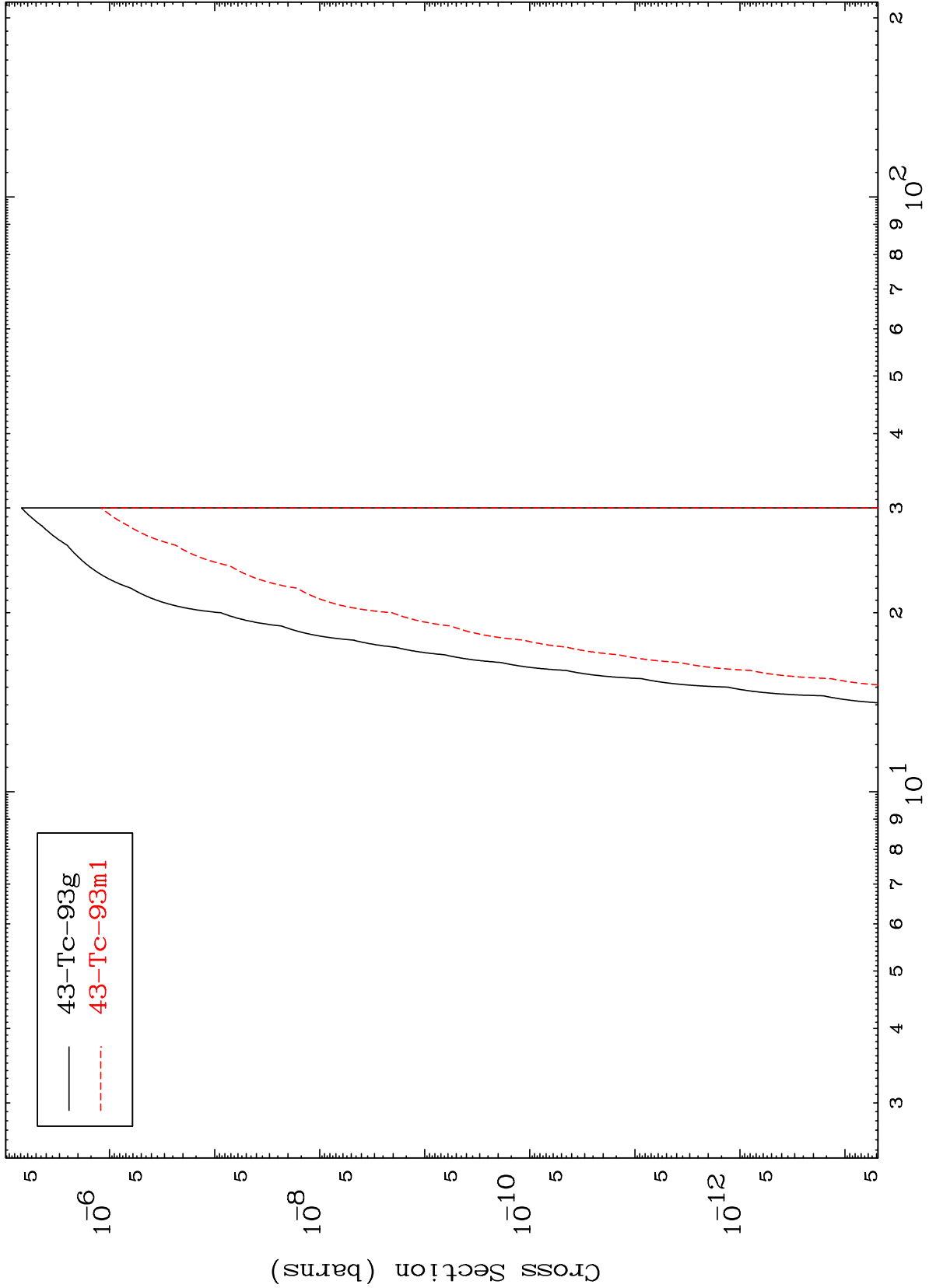
Incident Energy (MeV)



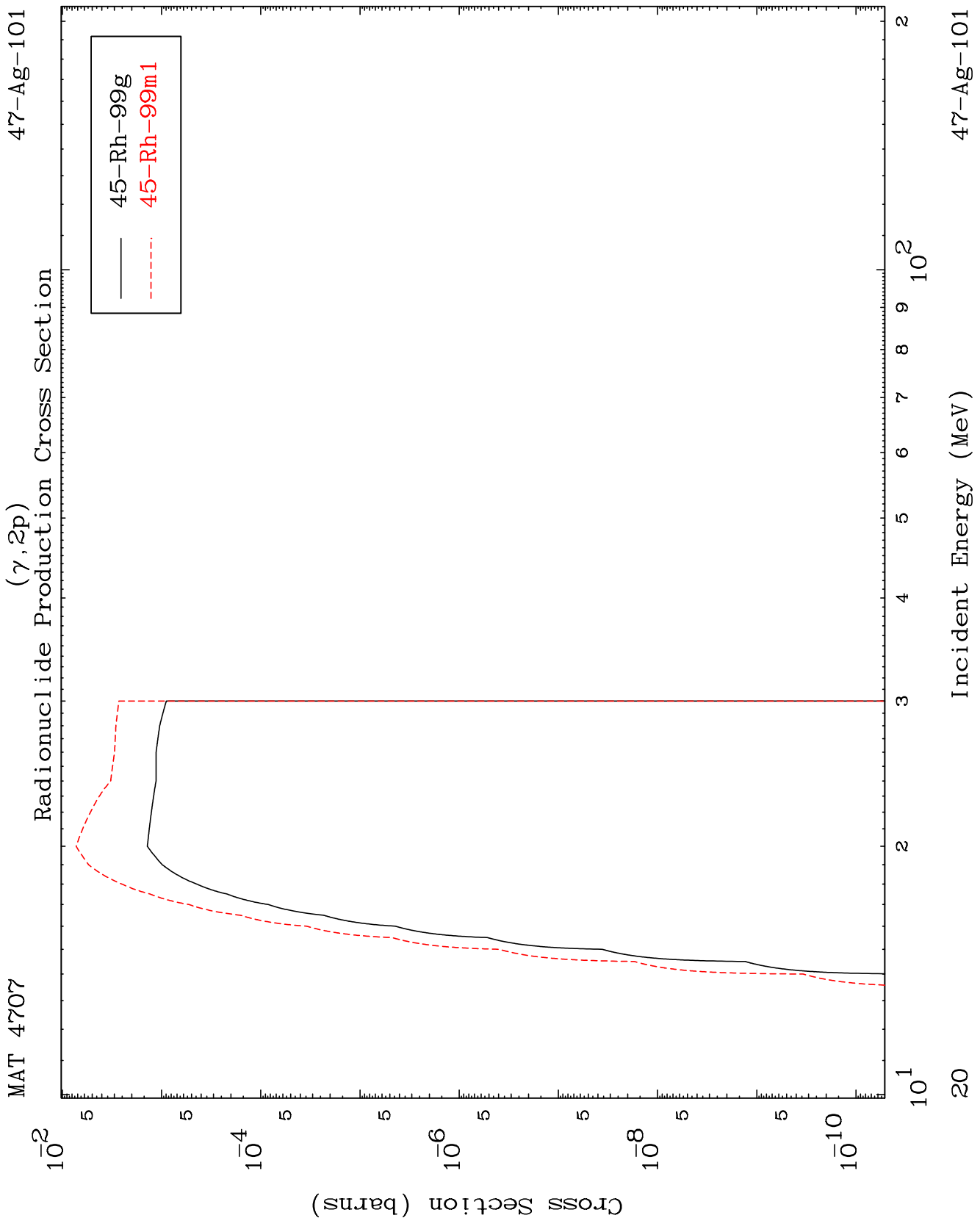
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47-Ag-101

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



— 43-Tc-93g  
- - - 43-Tc-93m1



MAT 4707

47-Ag-101

( $\gamma, 2p$ )

Radionuclide Production Cross Section

$10^{-2}$

$10^{-4}$

$10^{-6}$

$10^{-8}$

$10^{-10}$

Cross Section (barns)

$10^1$

2

3

4

5

6

7

8

9

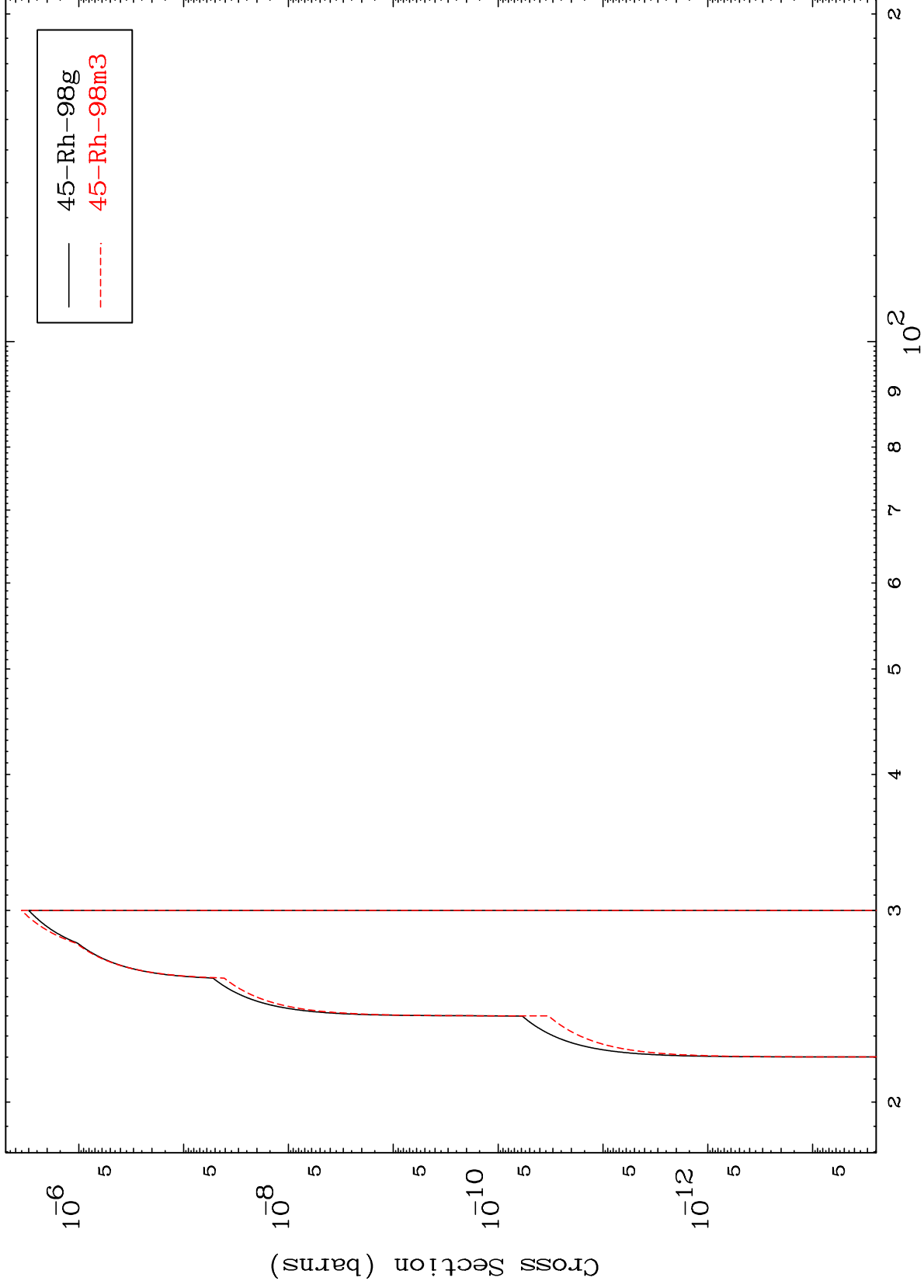
$10^2$

20

Incident Energy (MeV)

47-Ag-101

Radionuclide Production Cross Section



Radionuclide Production Cross Section

