

Program EVALPLOT  
(Version 2021-1)

by

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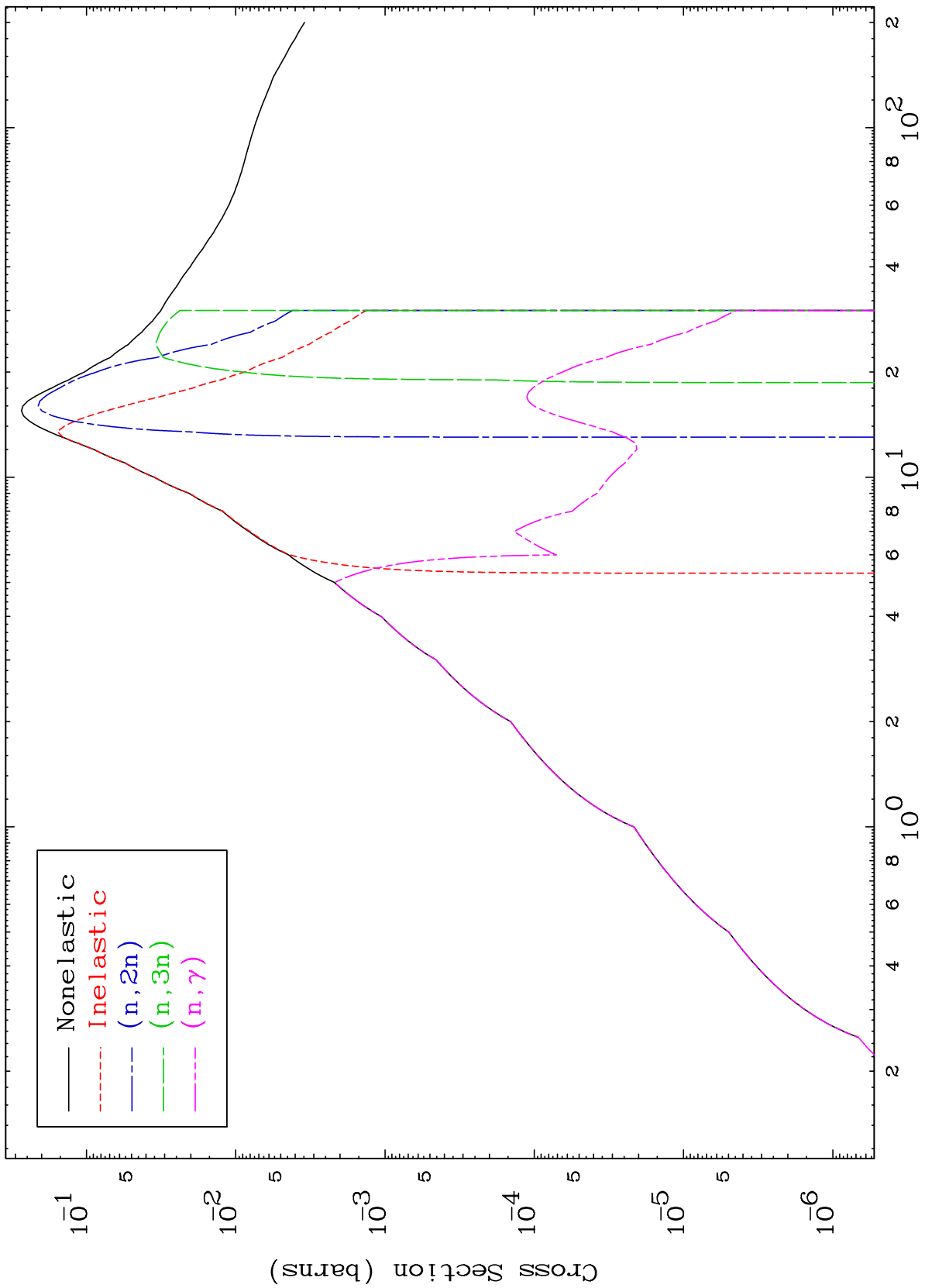
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4759

Photon Major  
0 Kelvin Cross Sections

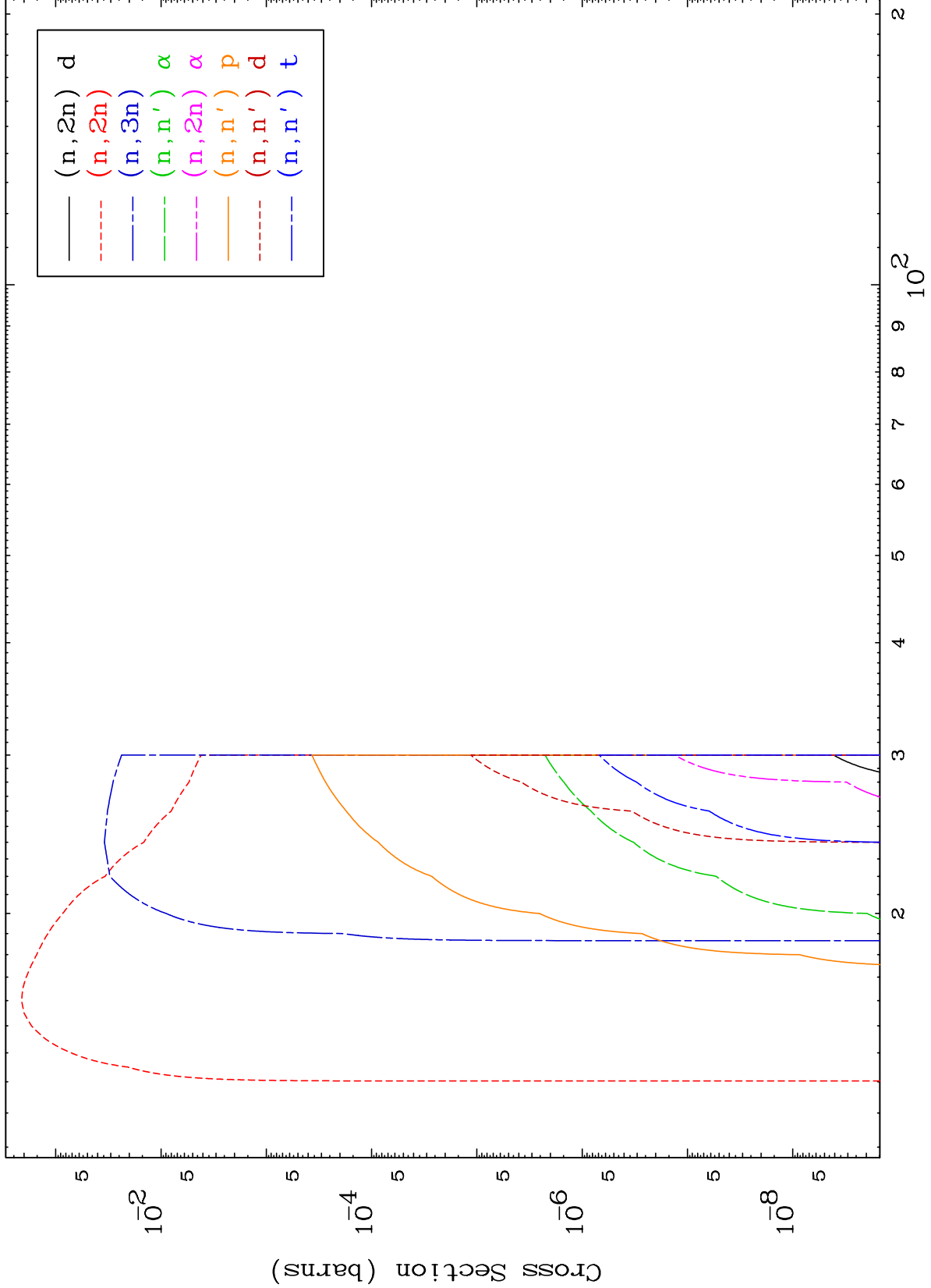
47-Ag-118m



MAT 4759

Photon Neutron Absorption  
0 Kelvin Cross Sections

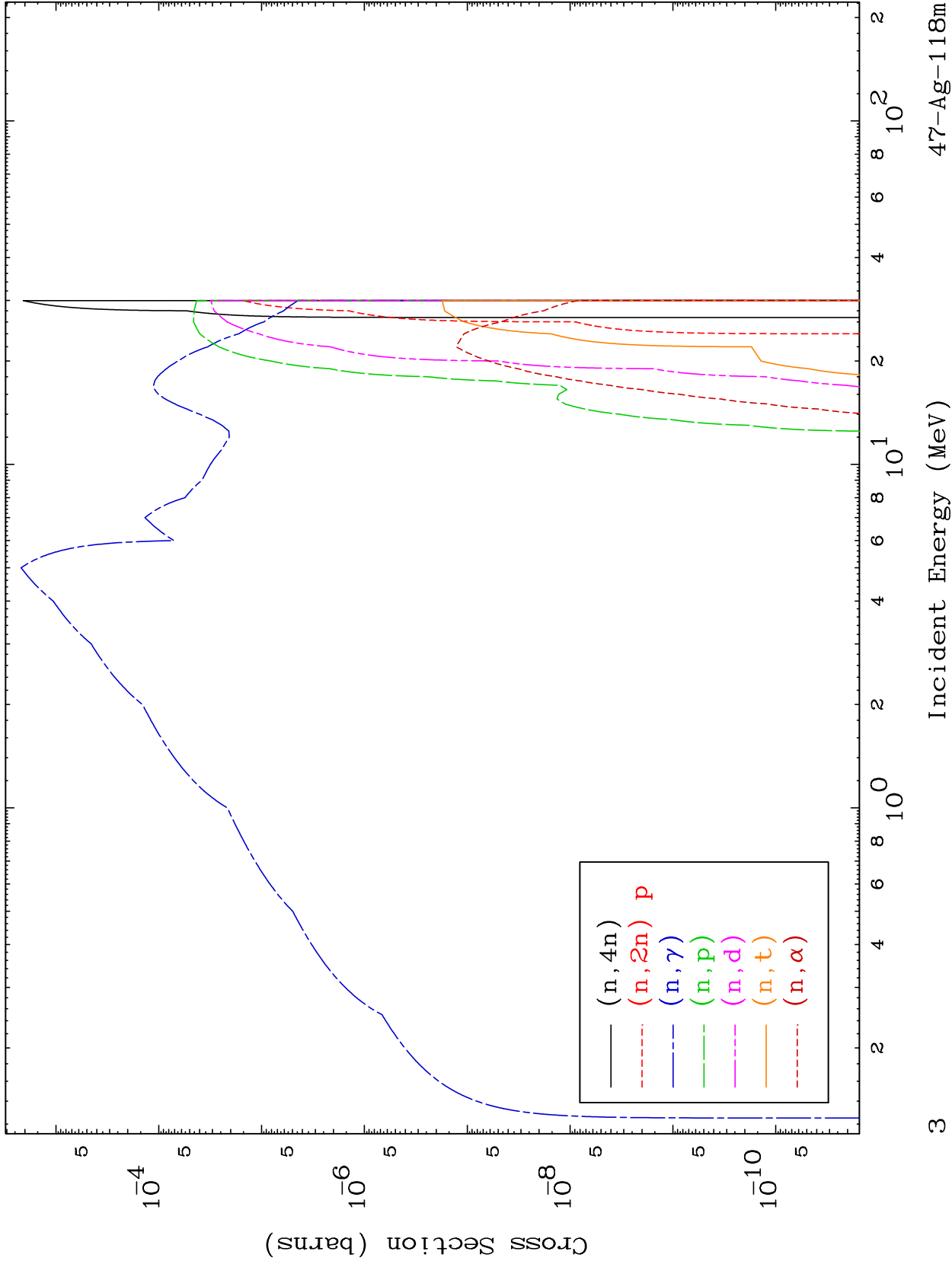
47-Ag-118m



2

Incident Energy (MeV)

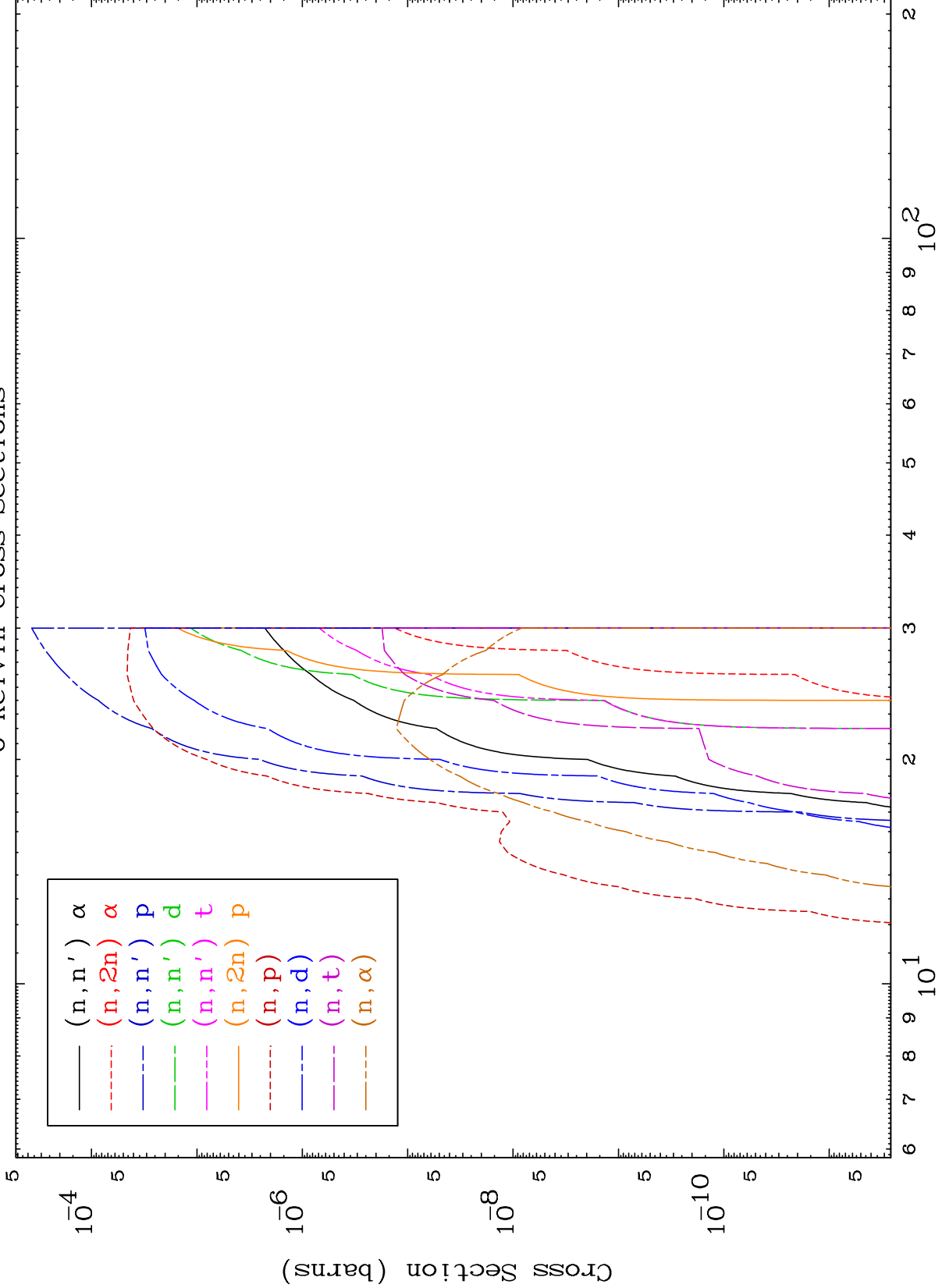
47-Ag-118m



MAT 4759

Photon Charged Particle  
0 Kelvin Cross Sections

47-Ag-118m

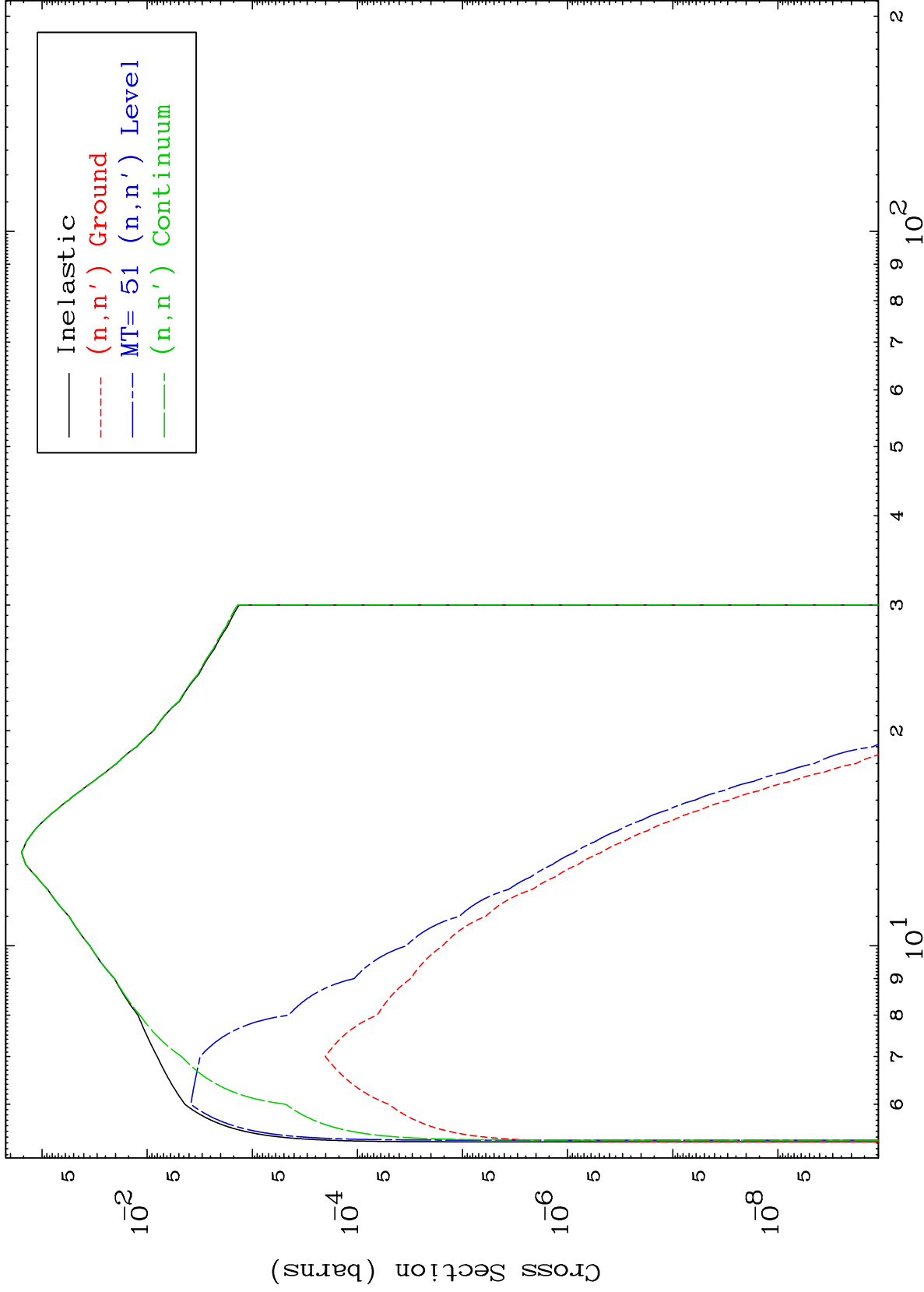


MAT 4759

( $\gamma, n'$ ) Levels

47-Ag-118m

0 Kelvin Cross Sections



5

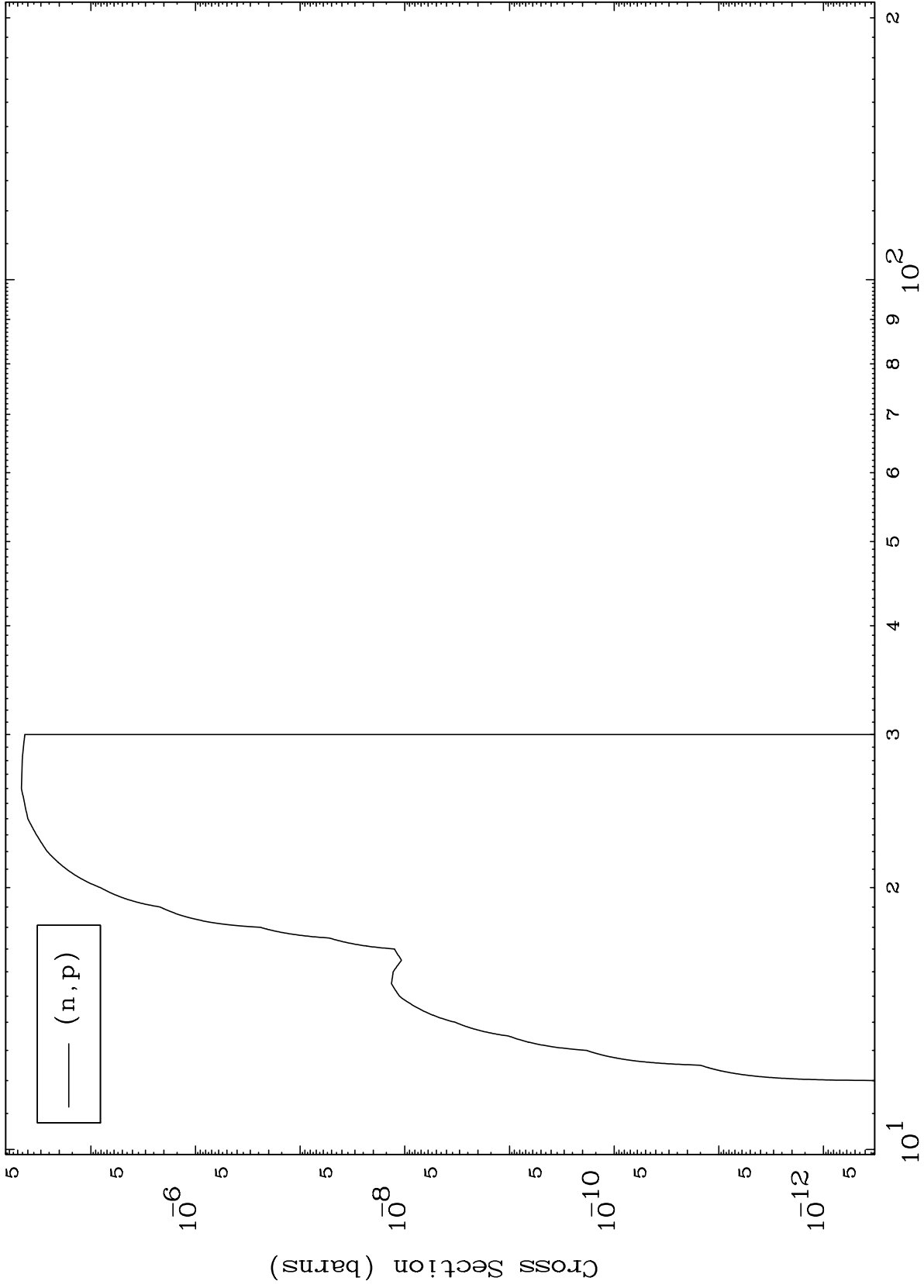
Incident Energy (MeV)

47-Ag-118m

MAT 4759

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

47-Ag-118m



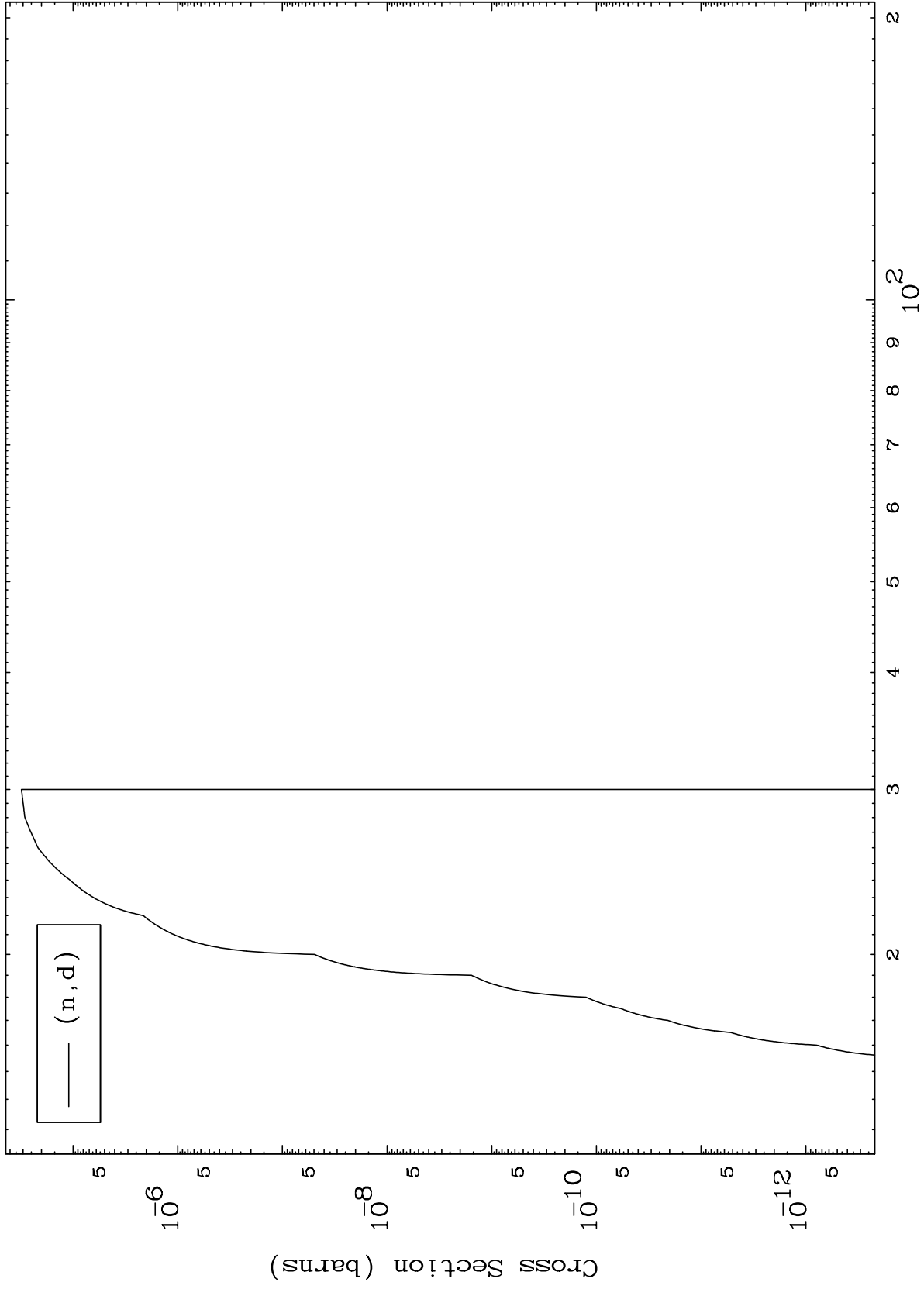
Incident Energy (MeV)

47-Ag-118m

MAT 4759

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

47-Ag-118m



7

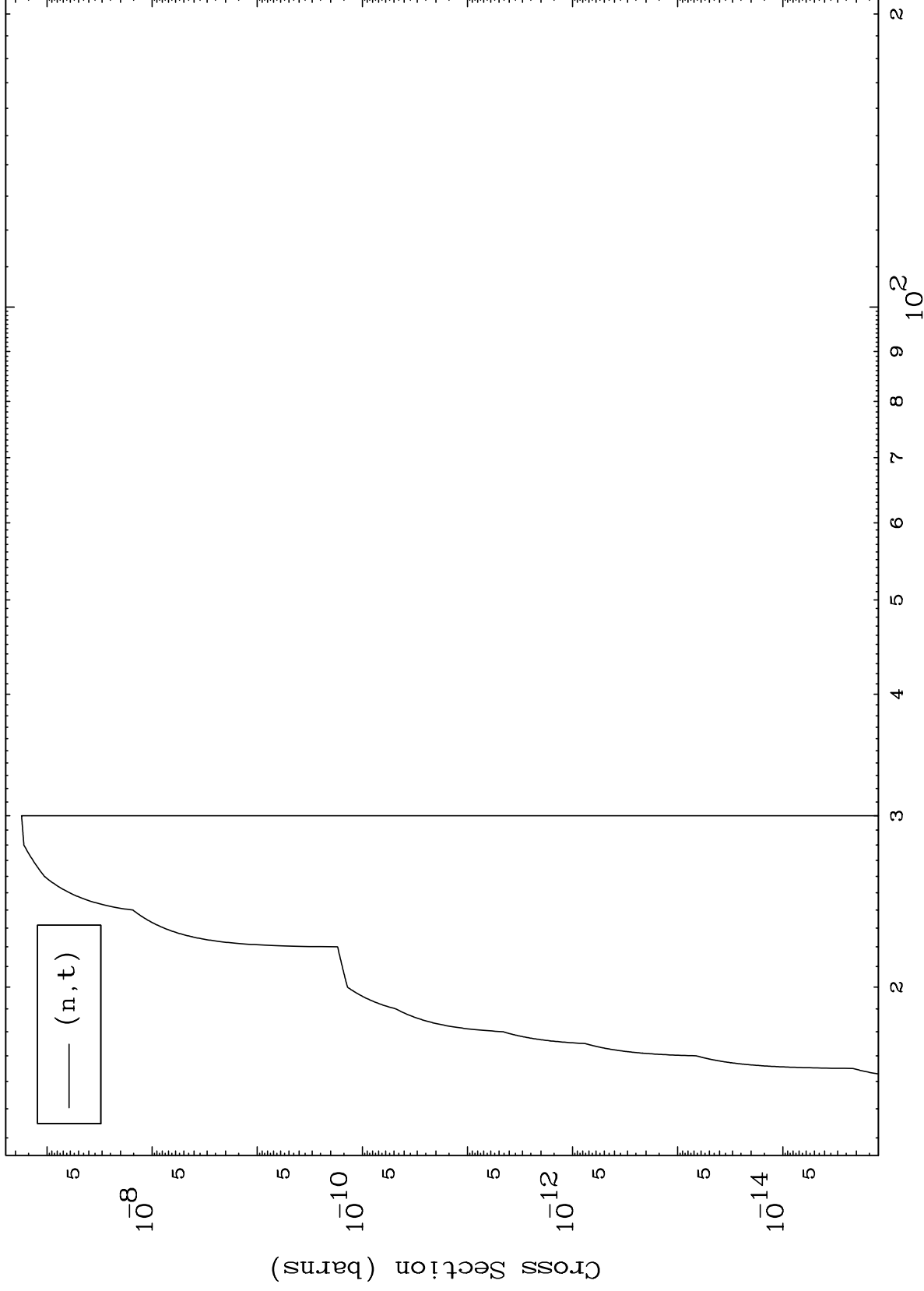
Incident Energy (MeV)

47-Ag-118m

MAT 4759

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

47-Ag-118m



8

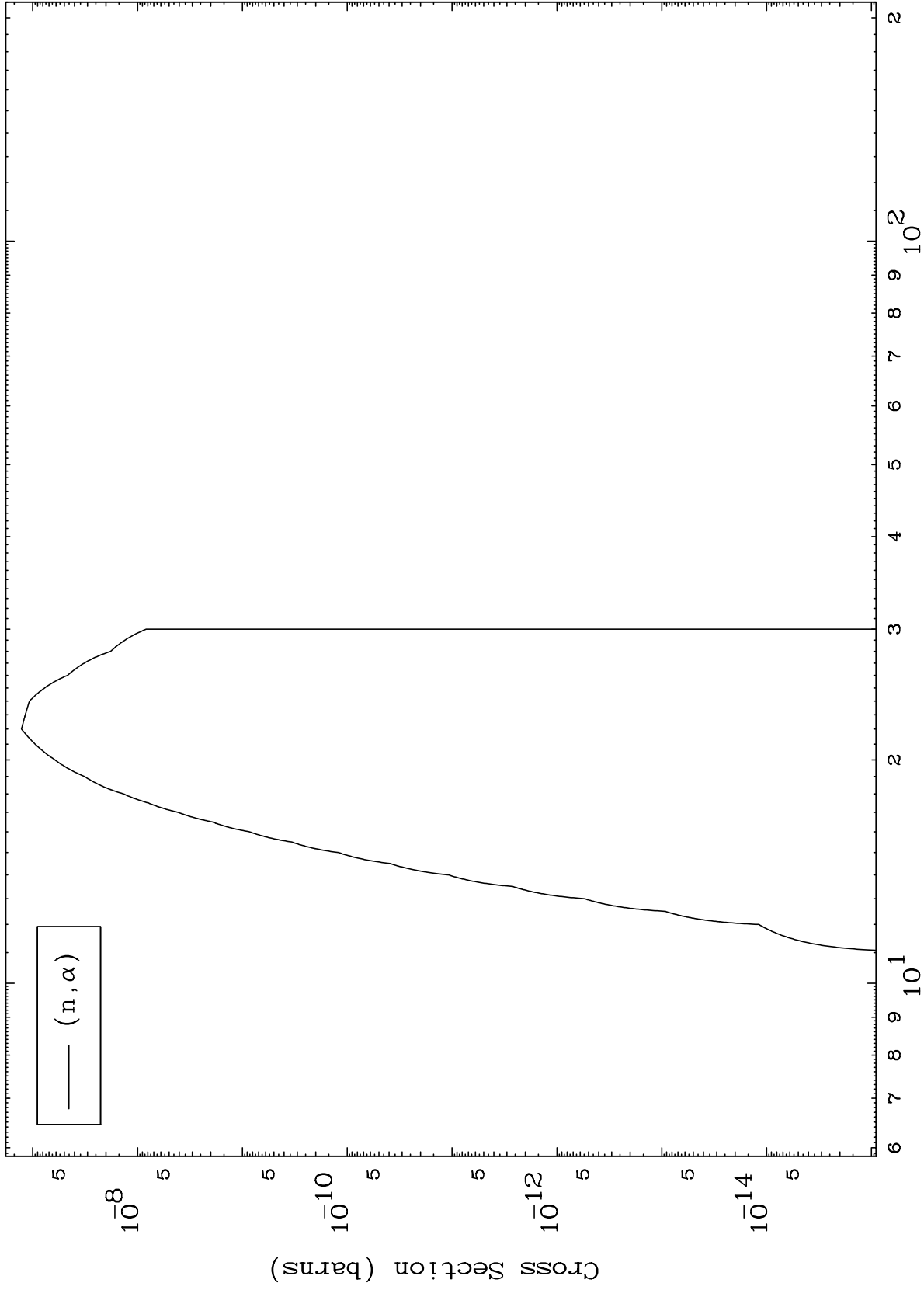
Incident Energy (MeV)

47-Ag-118m

MAT 4759

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

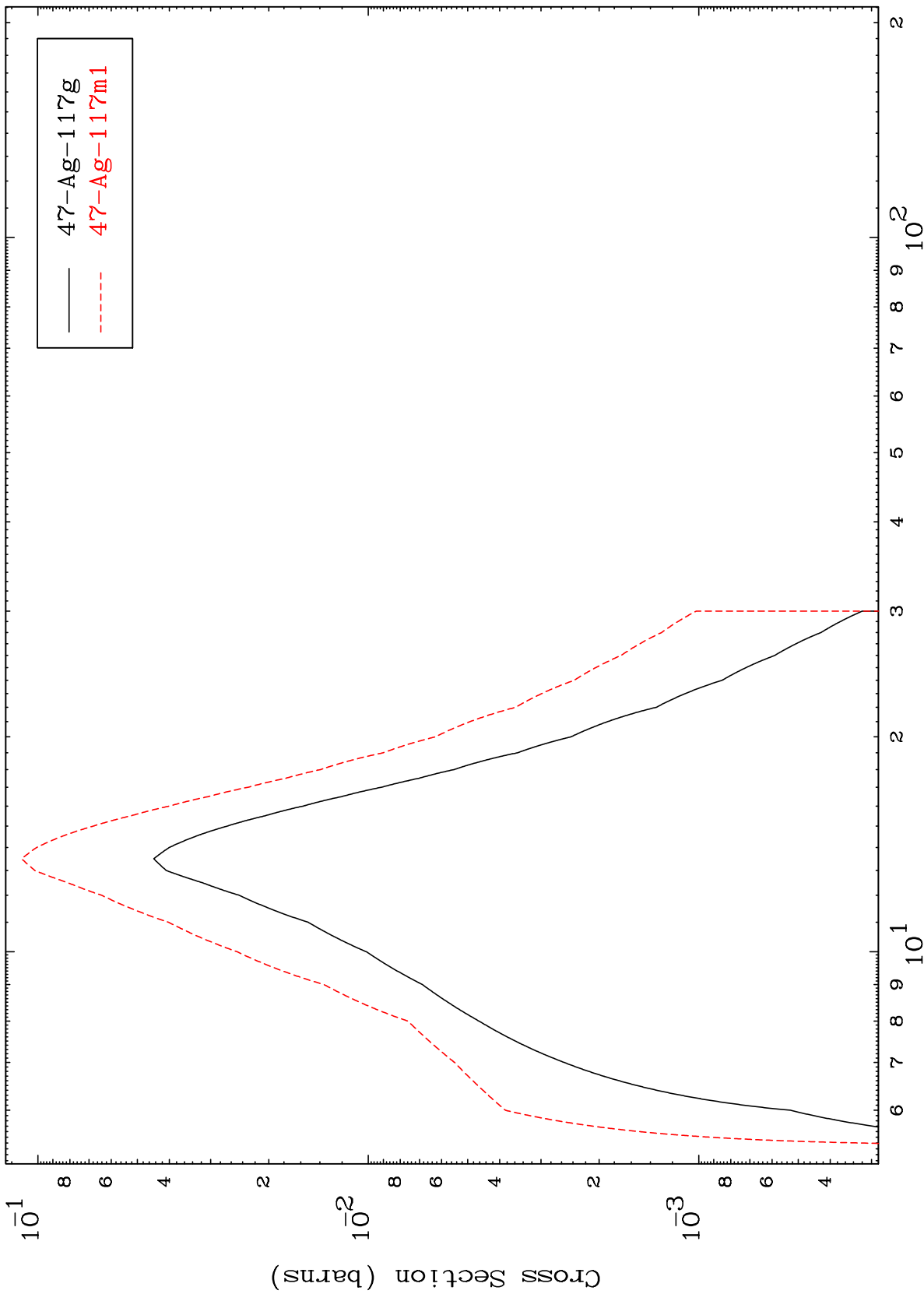
47-Ag-118m



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47-Ag-118m

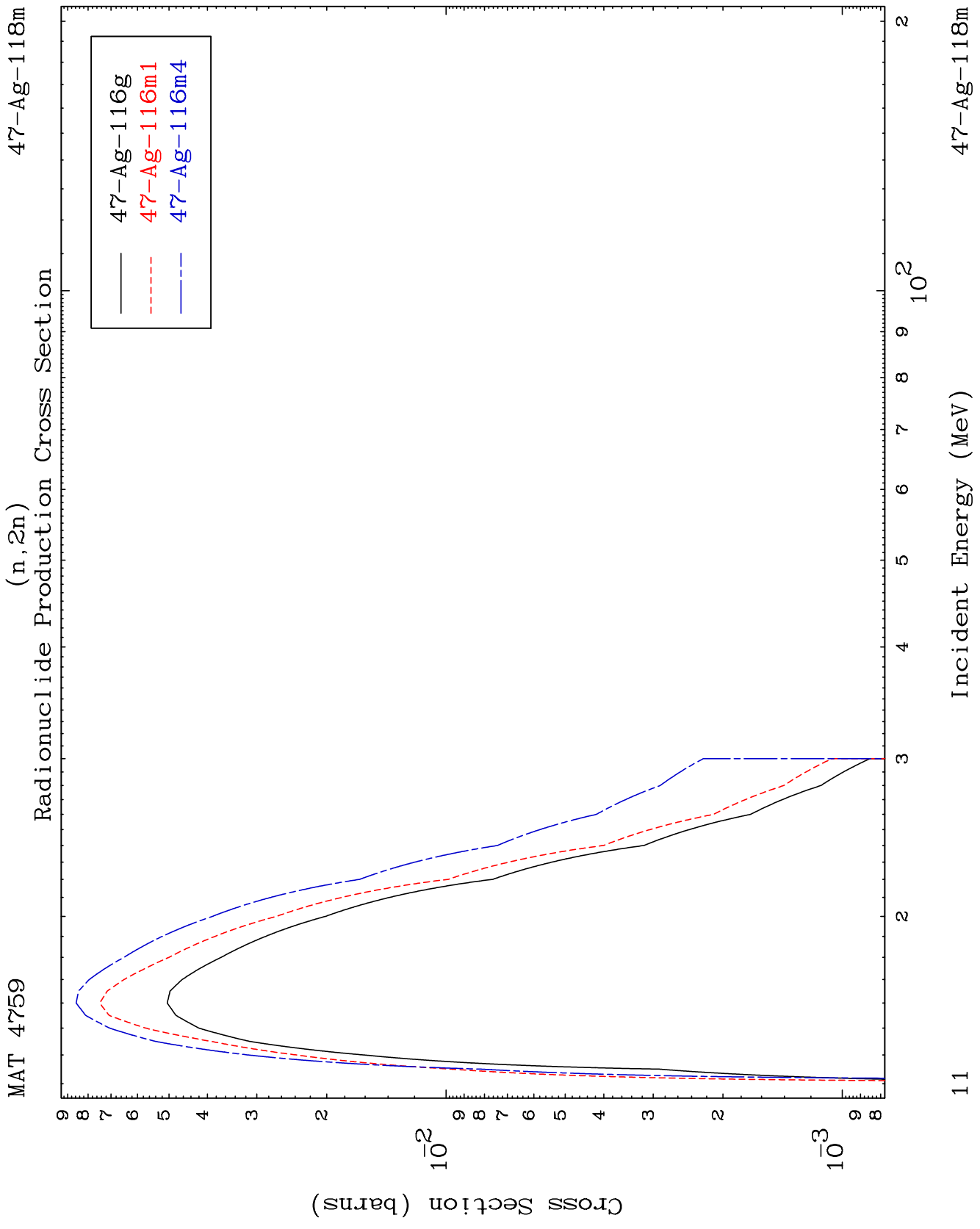
Inelastic  
Radionuclide Production Cross Section



47-Ag-118m

Incident Energy (MeV)

10

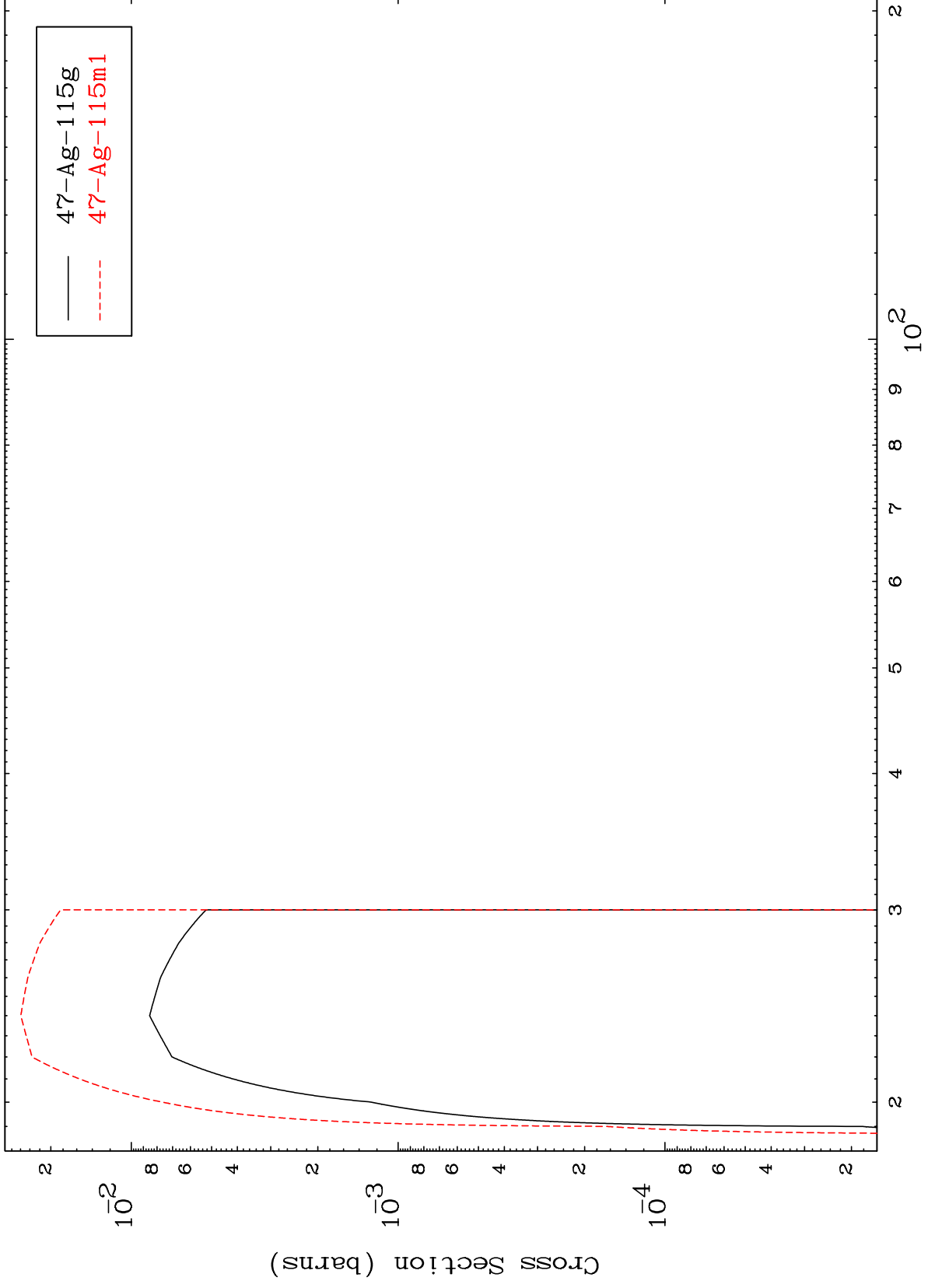


MAT 4759

(n,3n)

47-Ag-118m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

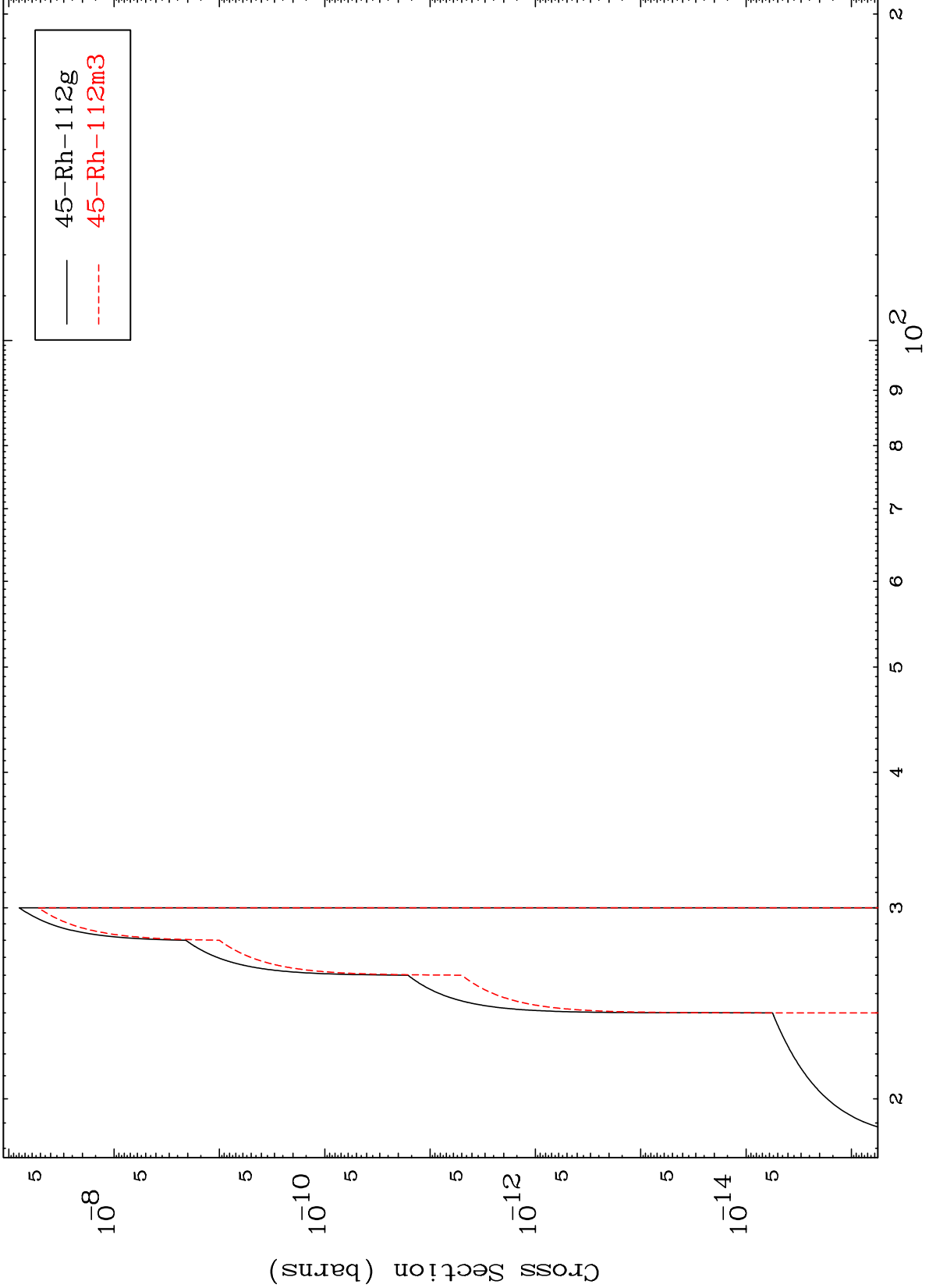
47-Ag-118m

MAT 4759

(n,2n)  $\alpha$

47-Ag-118m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

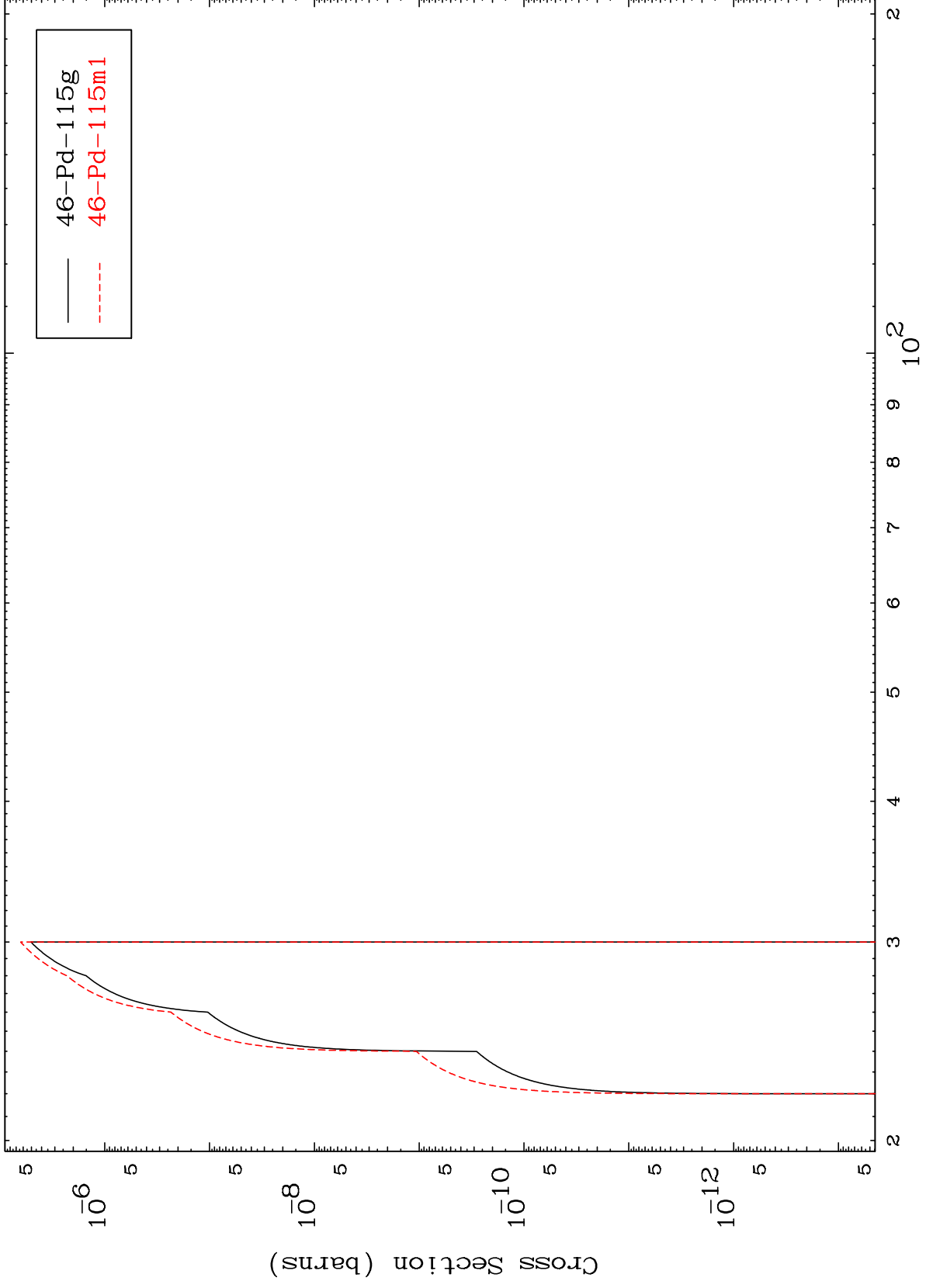
47-Ag-118m

MAT 4759

(n,n') d

47-Ag-118m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

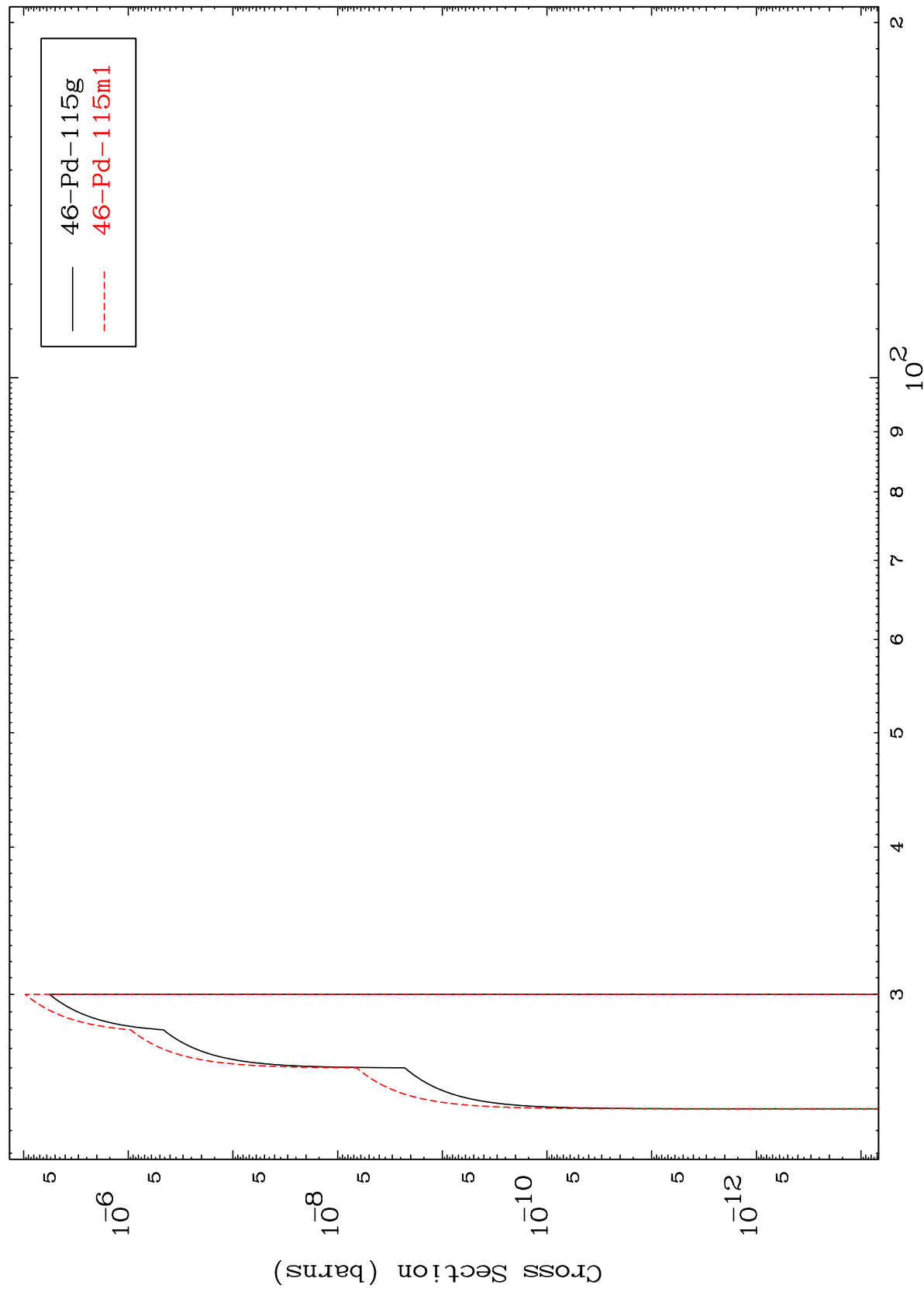
47-Ag-118m

MAT 4759

(n,2n) p

47-Ag-118m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

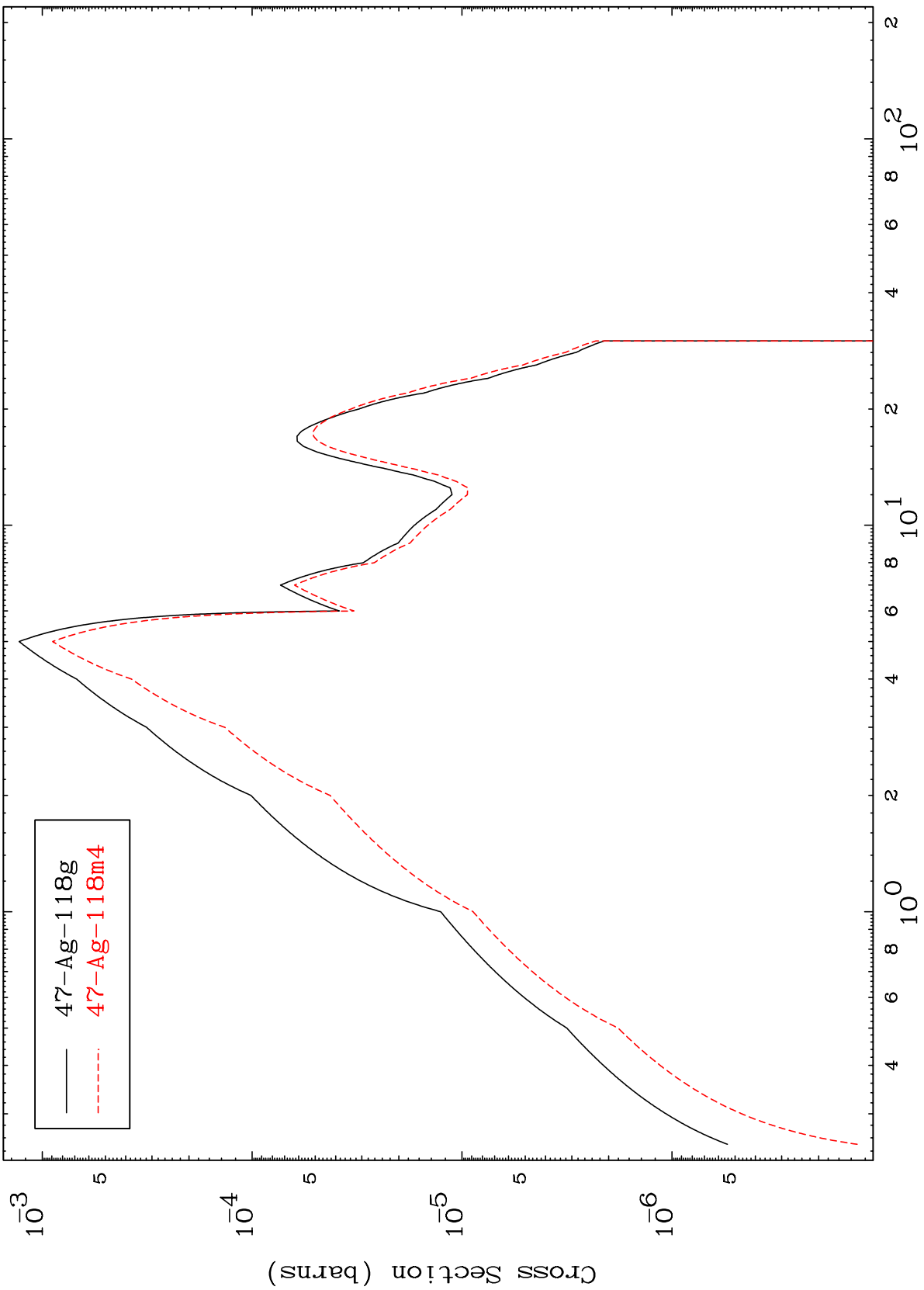
47-Ag-118m

MAT 4759

47-Ag-118m

Radionuclide Production Cross Section

(n,  $\gamma$ )



47-Ag-118m

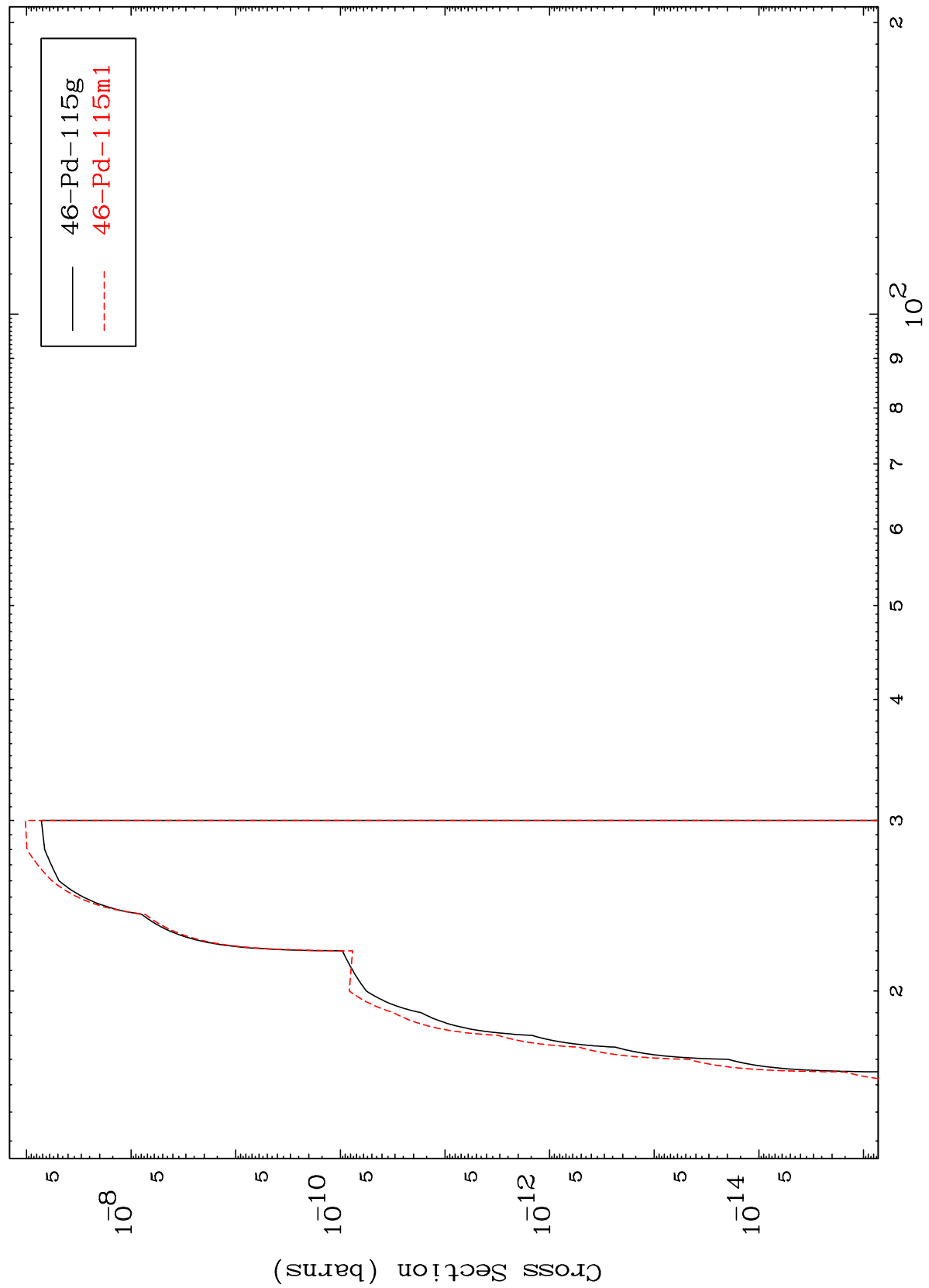
Incident Energy (MeV)

16

MAT 4759

47-Ag-118m

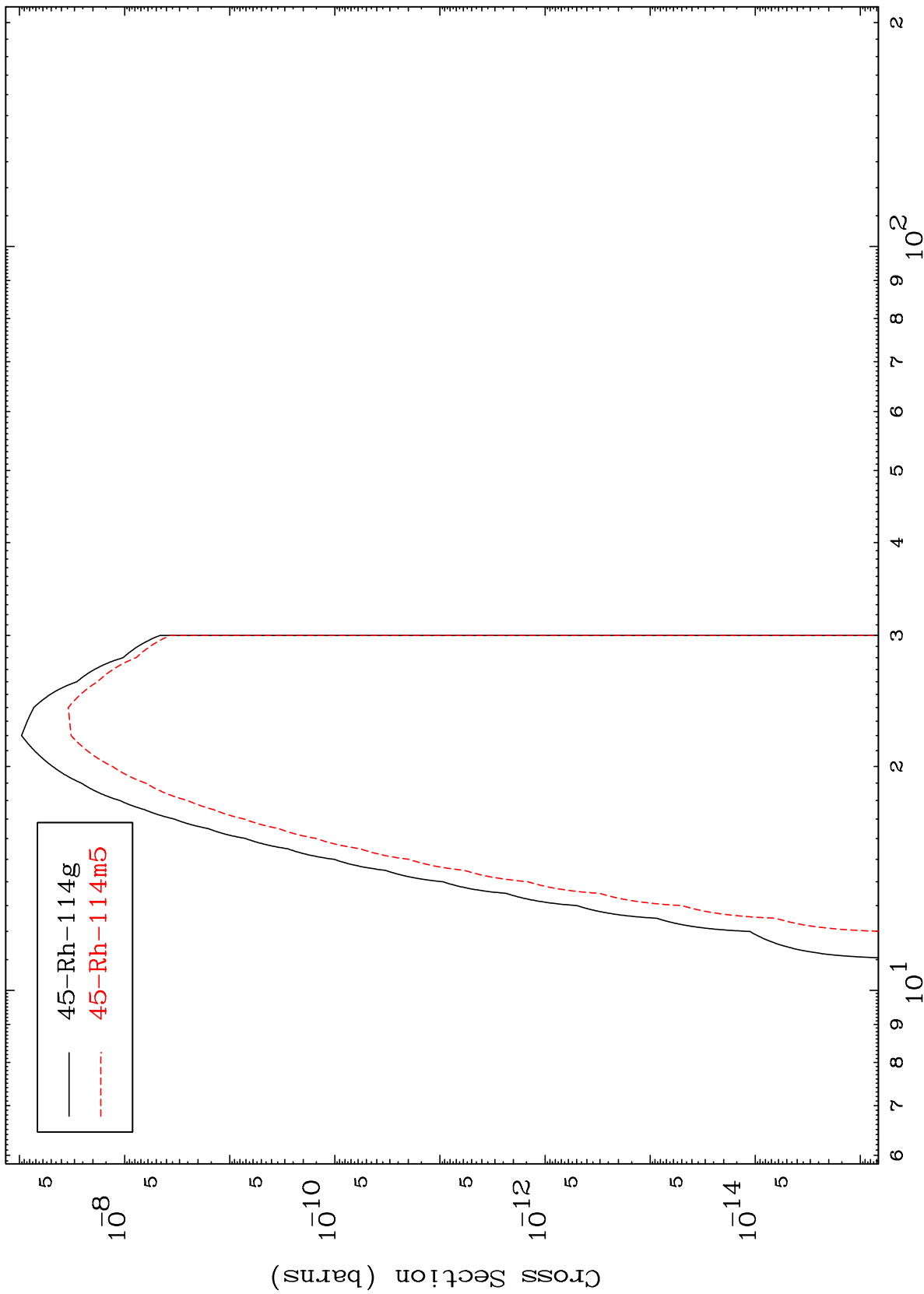
(n,t)  
Radionuclide Production Cross Section



MAT 4759

47-Ag-118m

Radionuclide Production Cross Section (n,α)



— 45-Rh-114g  
- - - 45-Rh-114m5

47-Ag-118m

Incident Energy (MeV)

18