

Program EVALPLOT  
(Version 2021-1)

by

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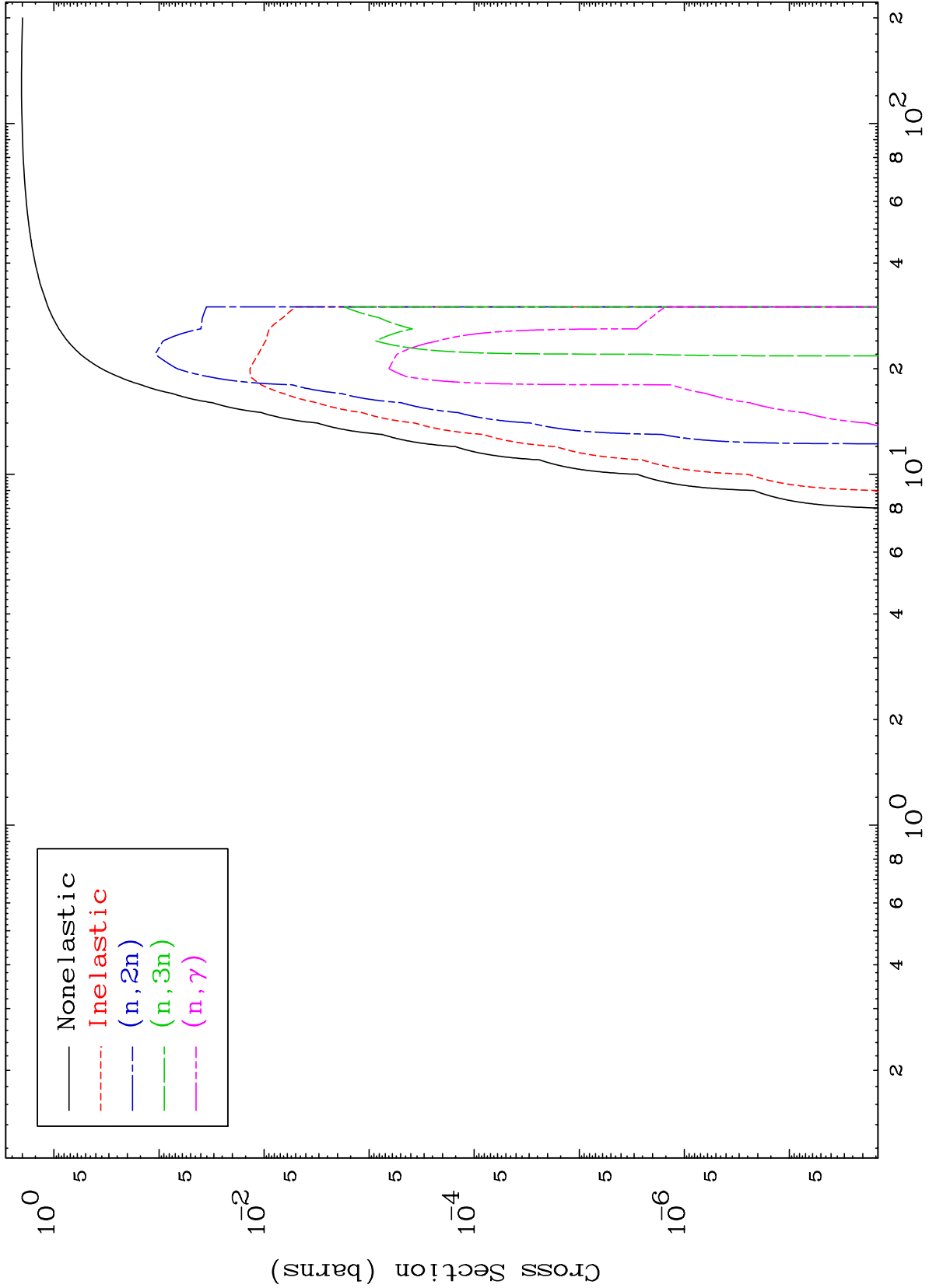
Press Mouse Button to Start

MAT 6219

He-3 Major

62-Sm-142

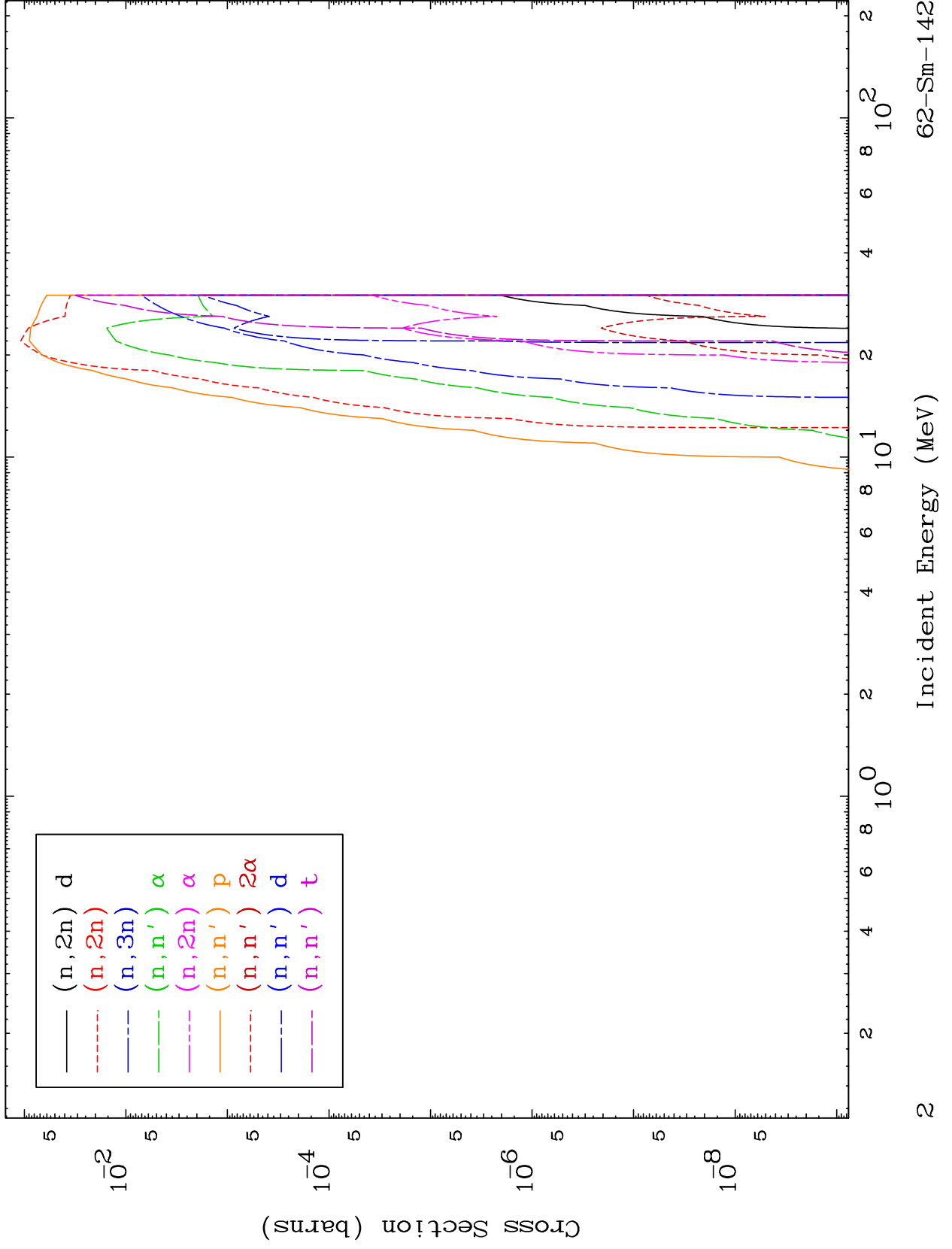
0 Kelvin Cross Sections



MAT 6219

He-3 Neutron Absorption  
0 Kelvin Cross Sections

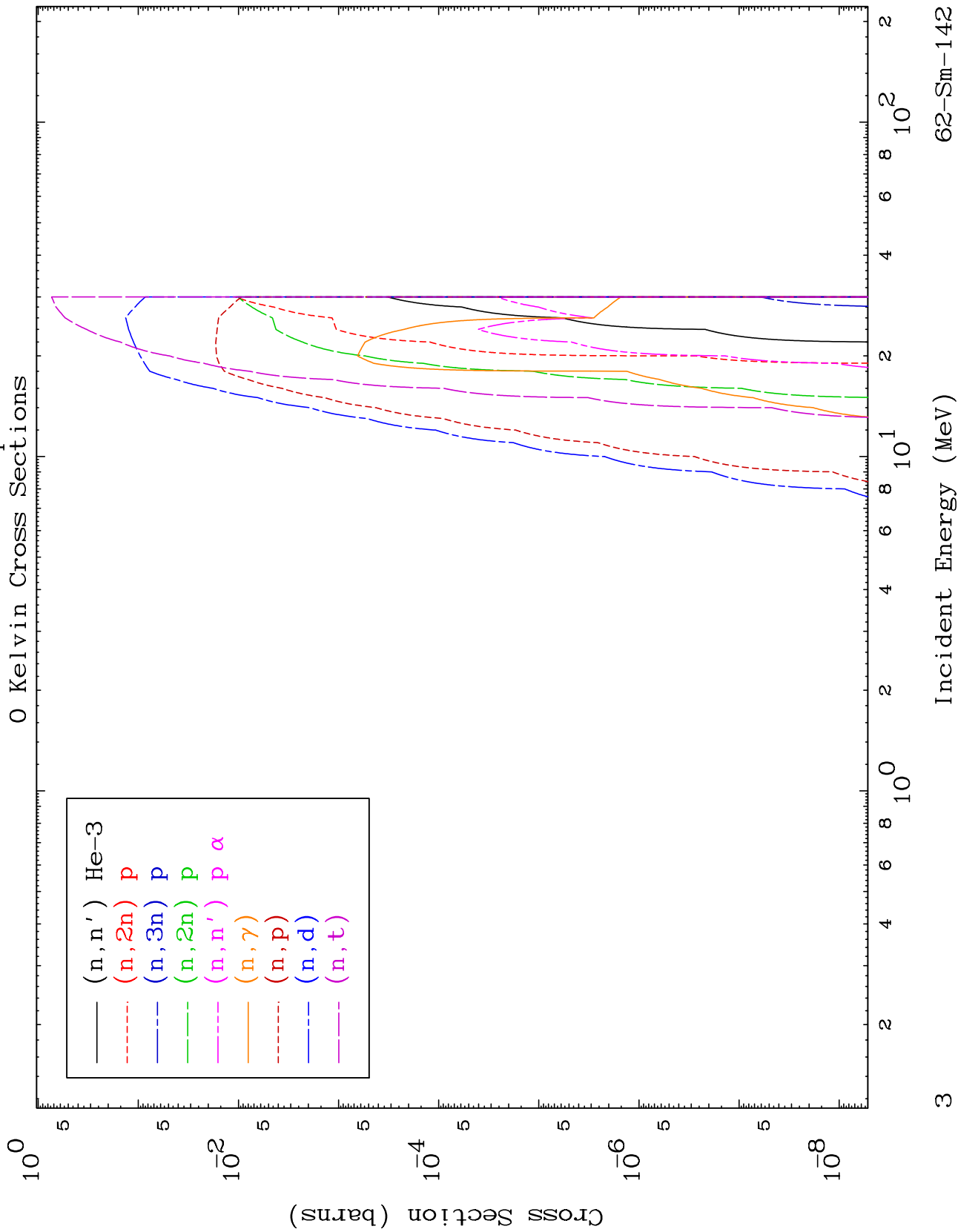
62-Sm-142



MAT 6219

He-3 Neutron Absorption  
0 Kelvin Cross Sections

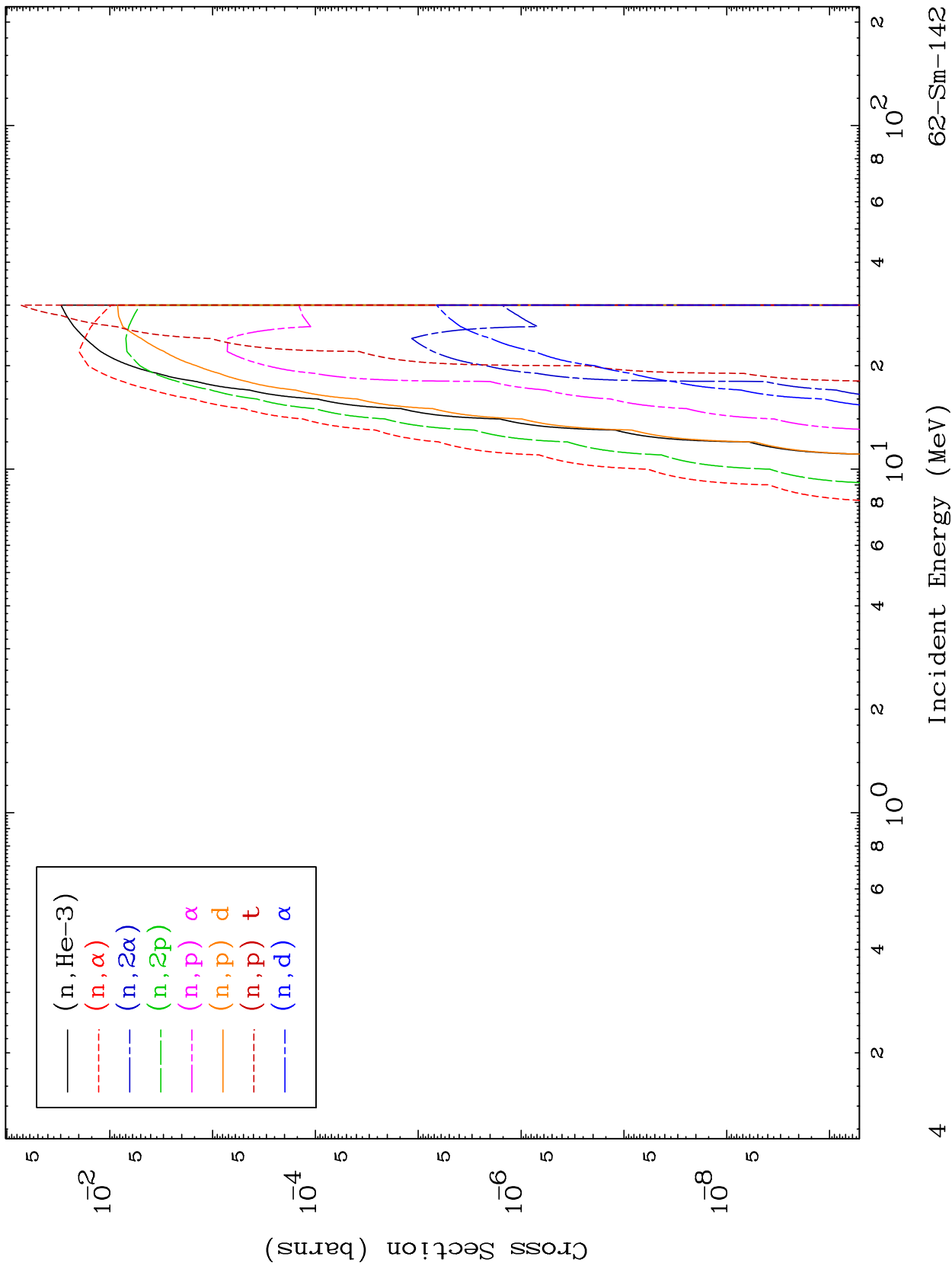
62-Sm-142



MAT 6219

He-3 Neutron Absorption  
0 Kelvin Cross Sections

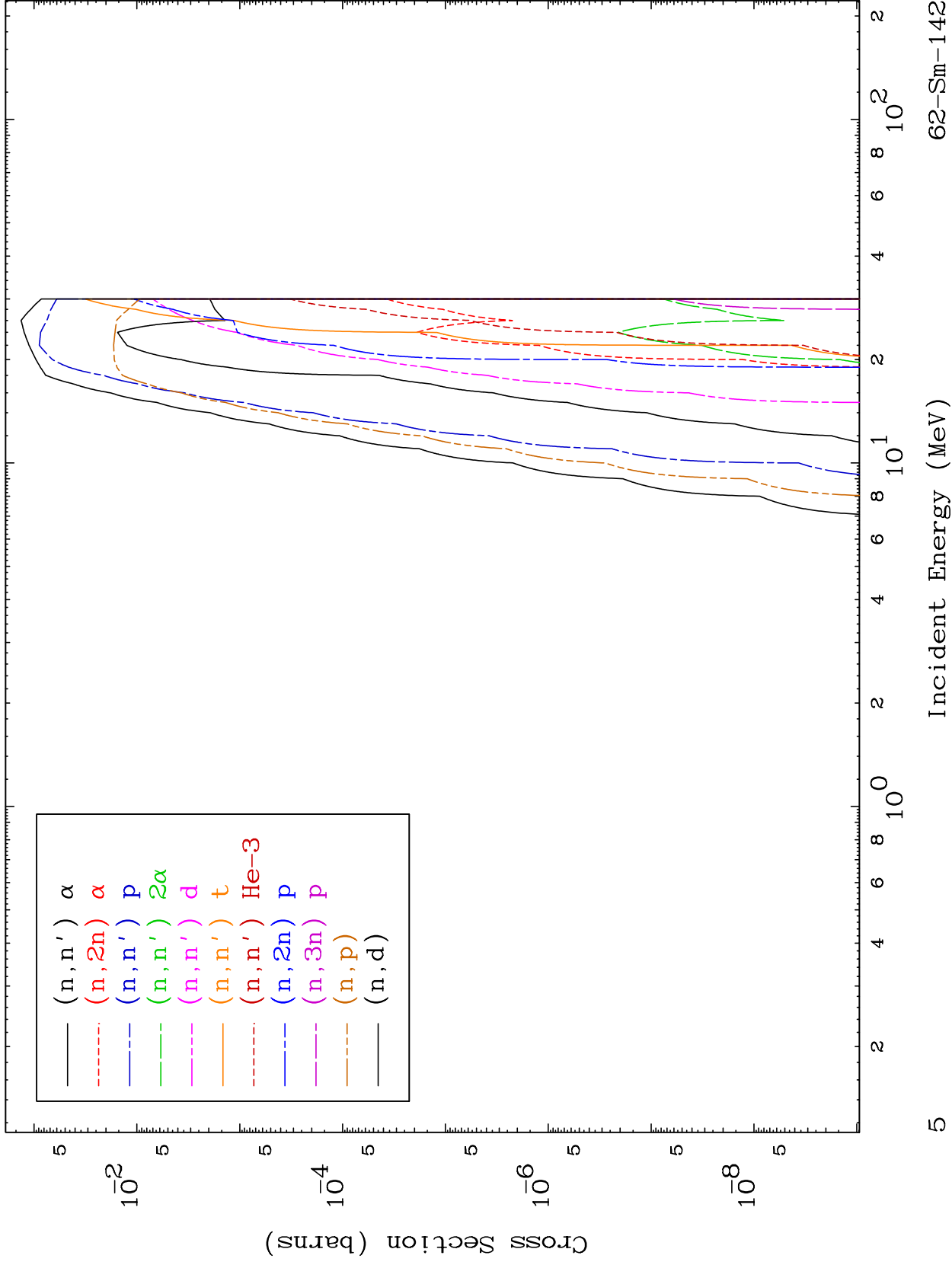
62-Sm-142



MAT 6219

He-3 Charged Particle  
0 Kelvin Cross Sections

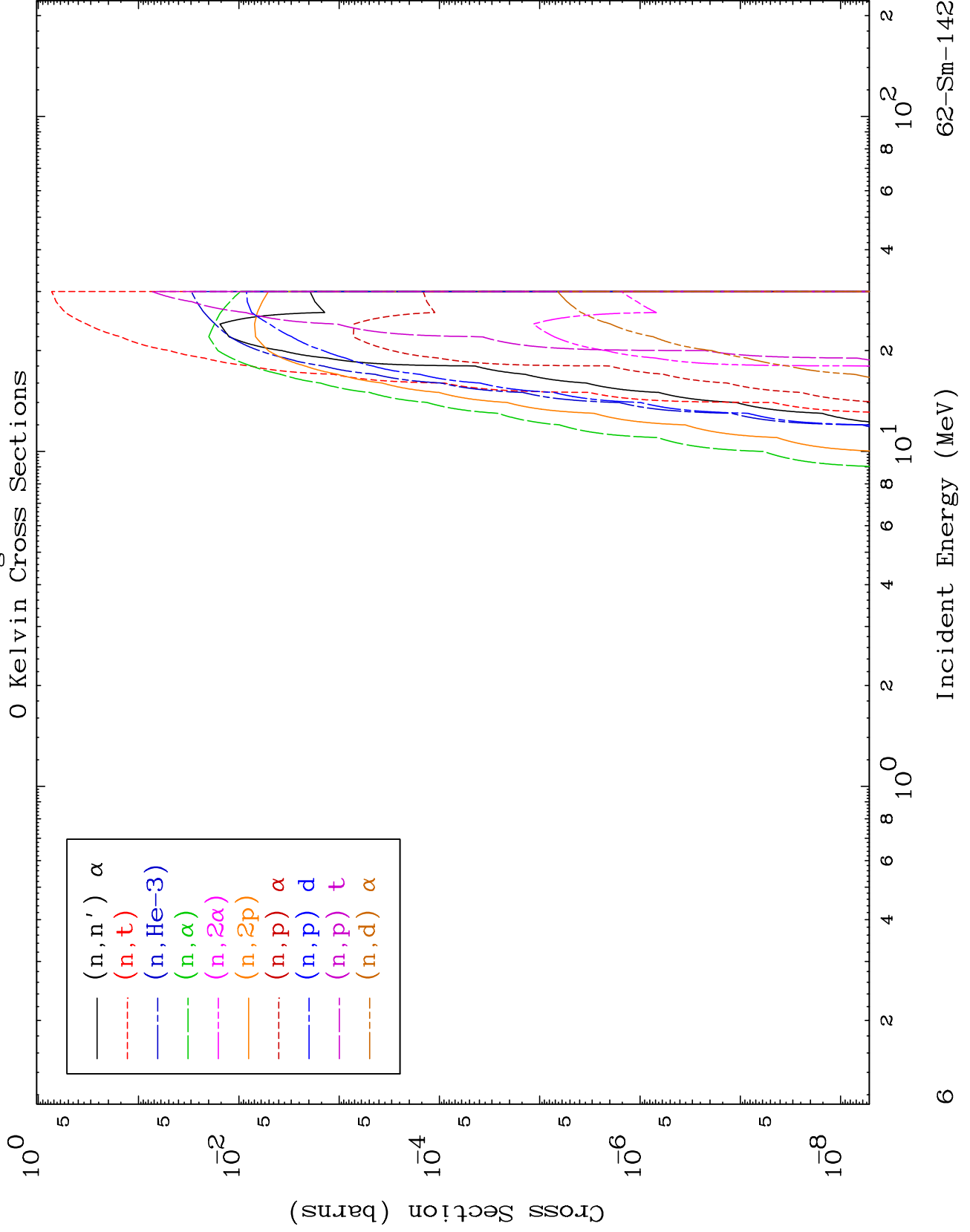
62-Sm-142



MAT 6219

He-3 Charged Particle  
0 Kelvin Cross Sections

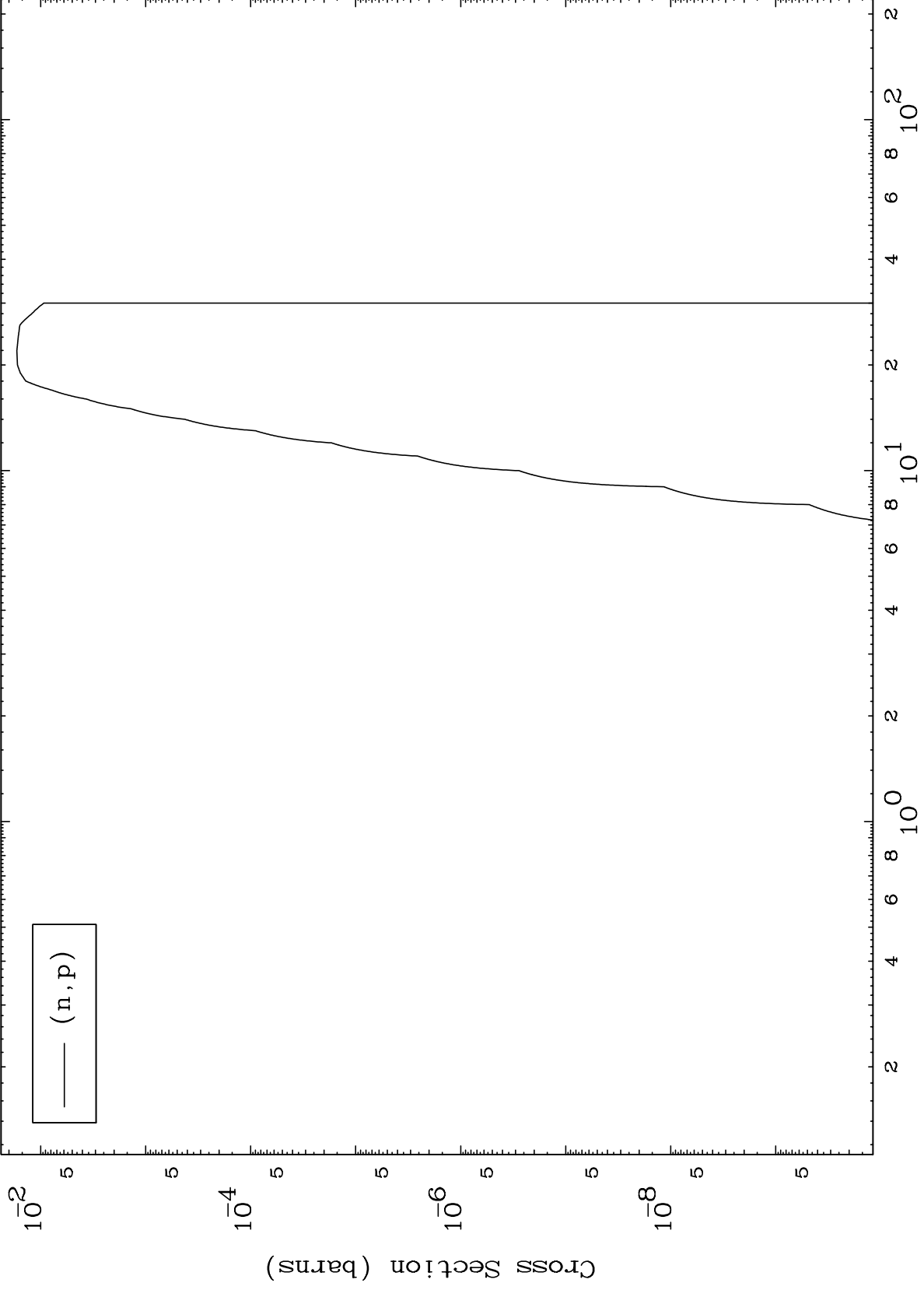
62-Sm-142



MAT 6219

(He-3,p) Levels  
0 Kelvin Cross Sections

62-Sm-142

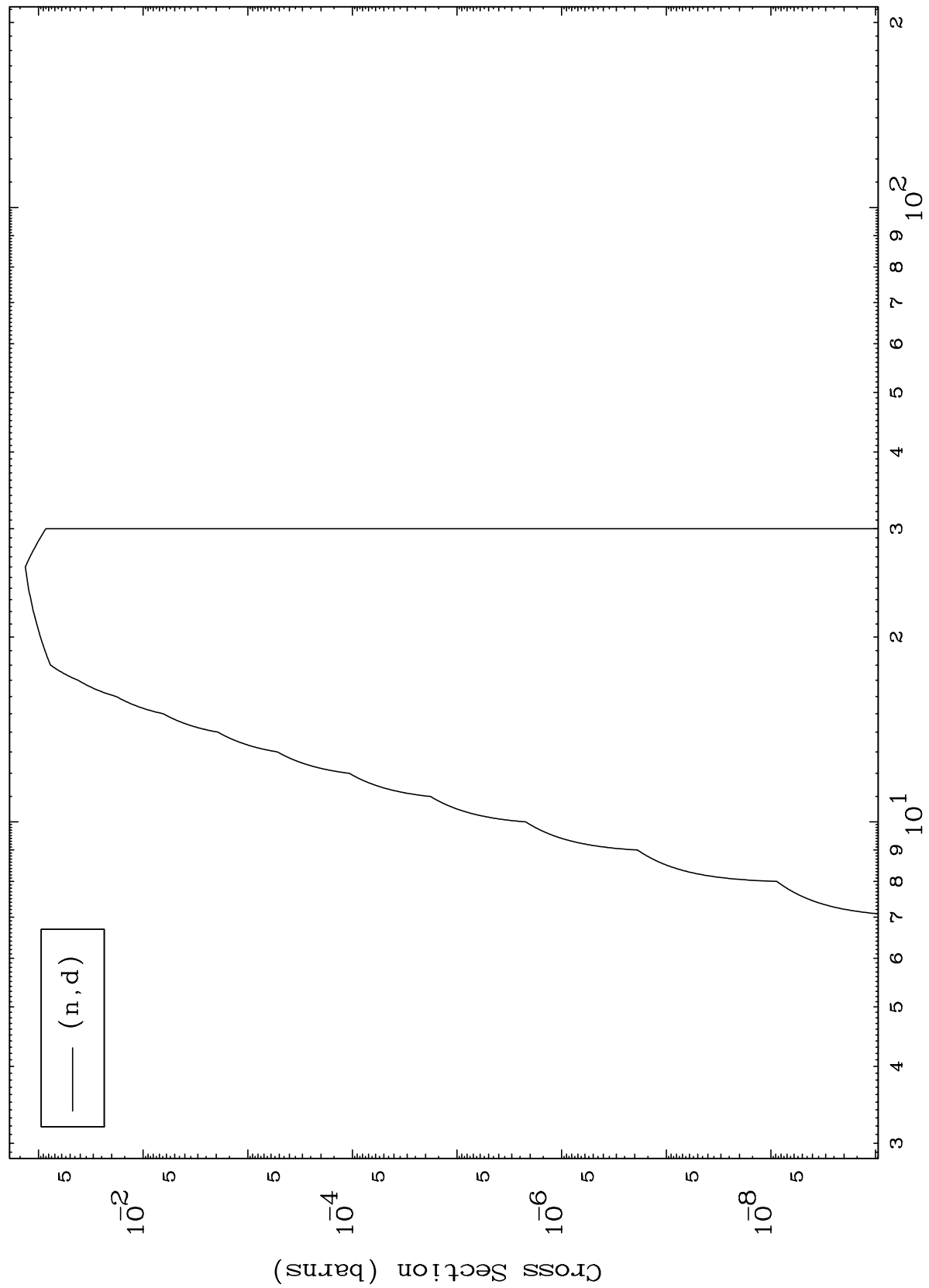


MAT 6219

(He-3,d) Levels

62-Sm-142

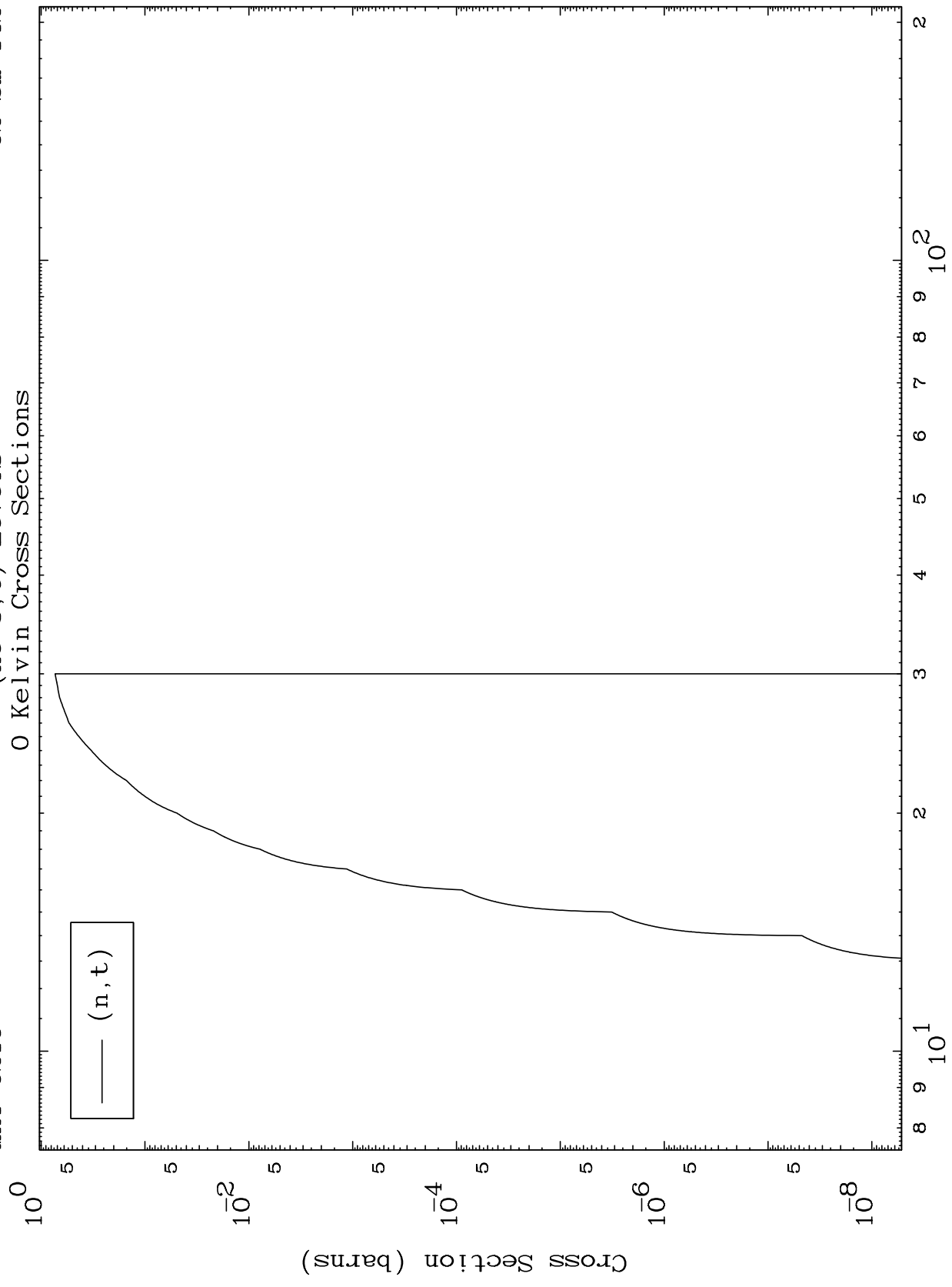
0 Kelvin Cross Sections



MAT 6219

(He-3,t) Levels

62-Sm-142



9

Incident Energy (MeV)

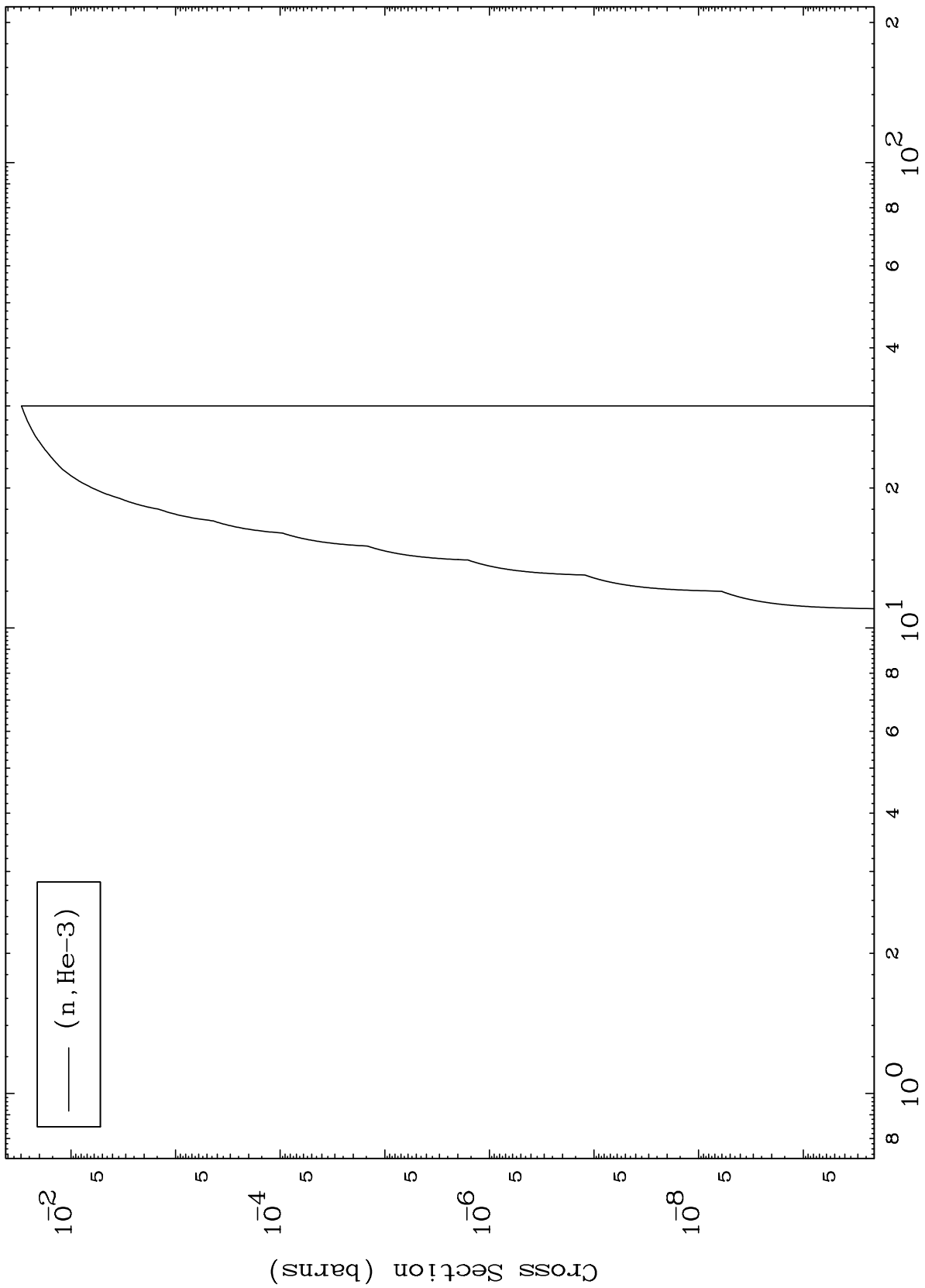
62-Sm-142

MAT 6219

(He-3, He3) Levels

62-Sm-142

0 Kelvin Cross Sections



(n, He-3)

10

Incident Energy (MeV)

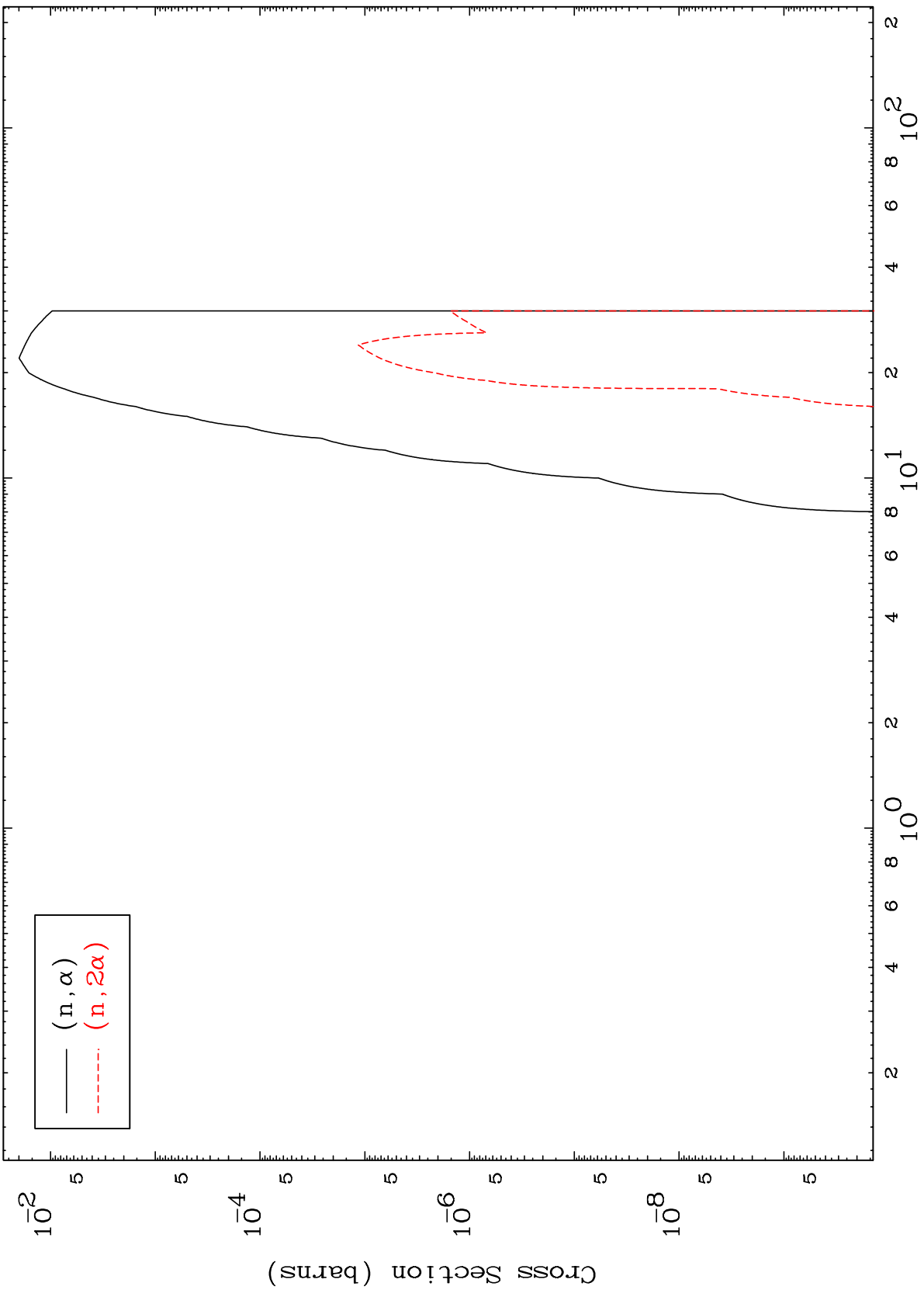
62-Sm-142

MAT 6219

(He-3,  $\alpha$ ) Levels

62-Sm-142

0 Kelvin Cross Sections

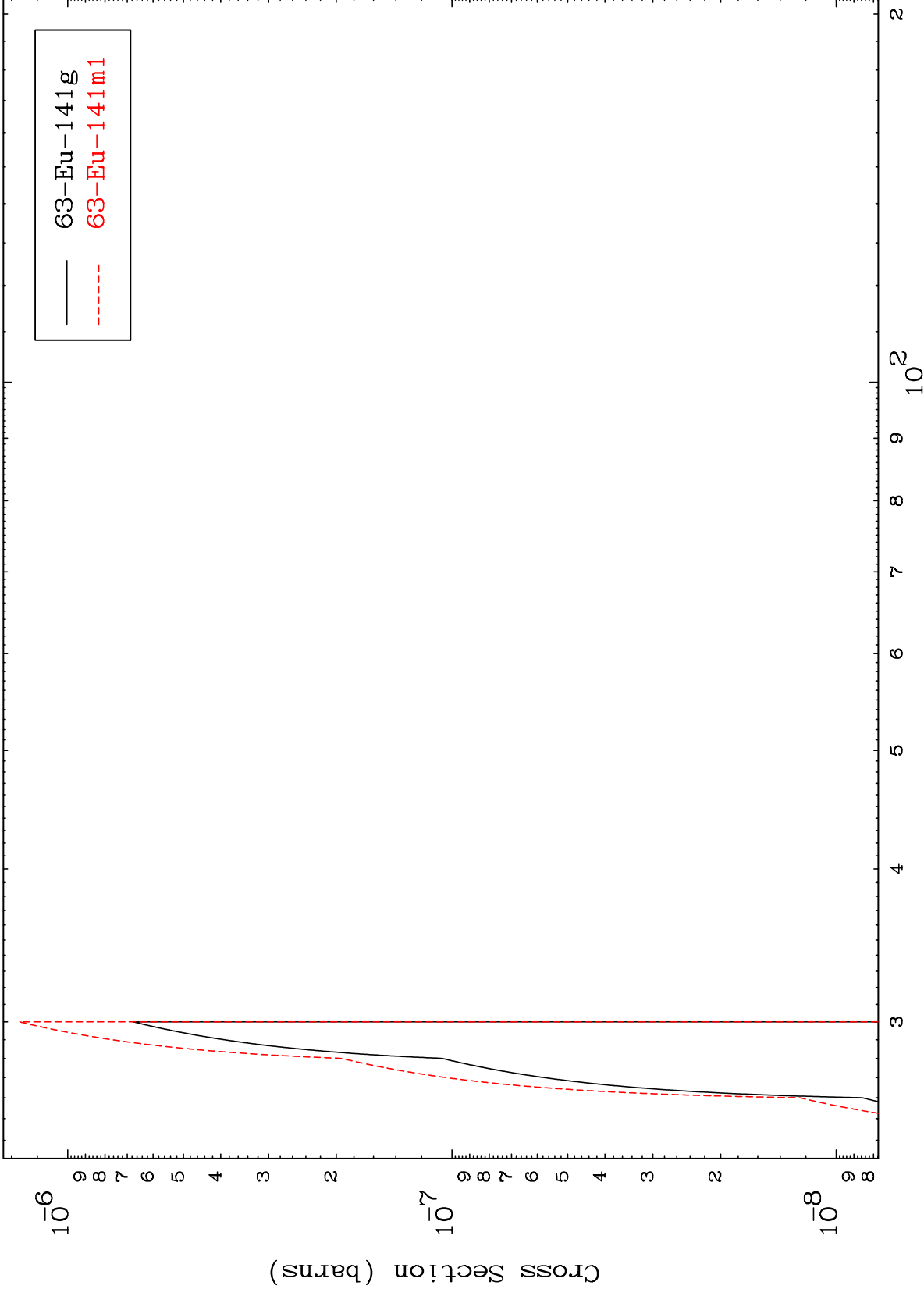


MAT 6219

(n,2n) d

62-Sm-142

Radionuclide Production Cross Section



63-Eu-141g  
63-Eu-141m1

12

Incident Energy (MeV)

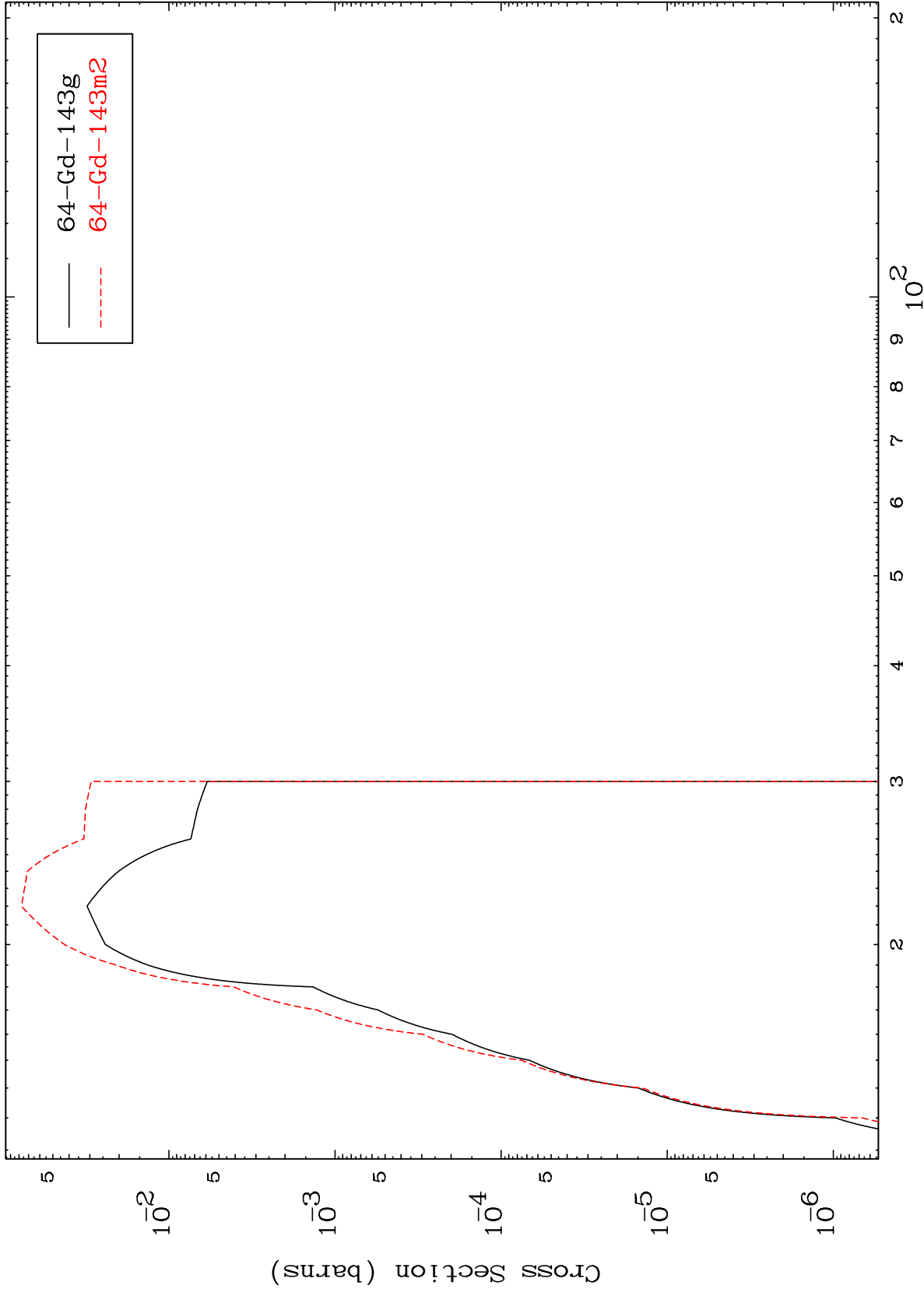
62-Sm-142

MAT 6219

(n,2n)

62-Sm-142

Radionuclide Production Cross Section



13

Incident Energy (MeV)

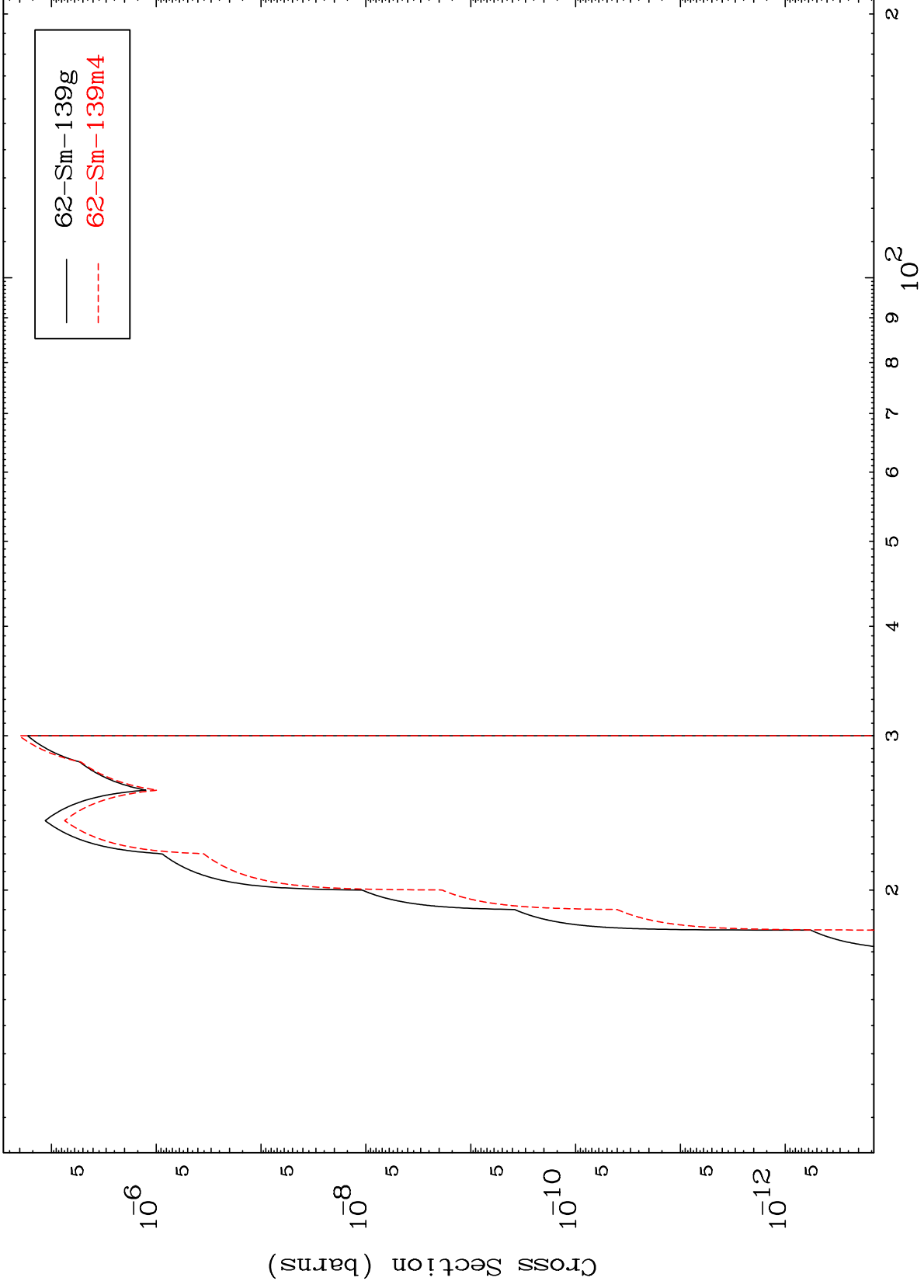
62-Sm-142

MAT 6219

$(n,2n) \alpha$

62-Sm-142

Radionuclide Production Cross Section

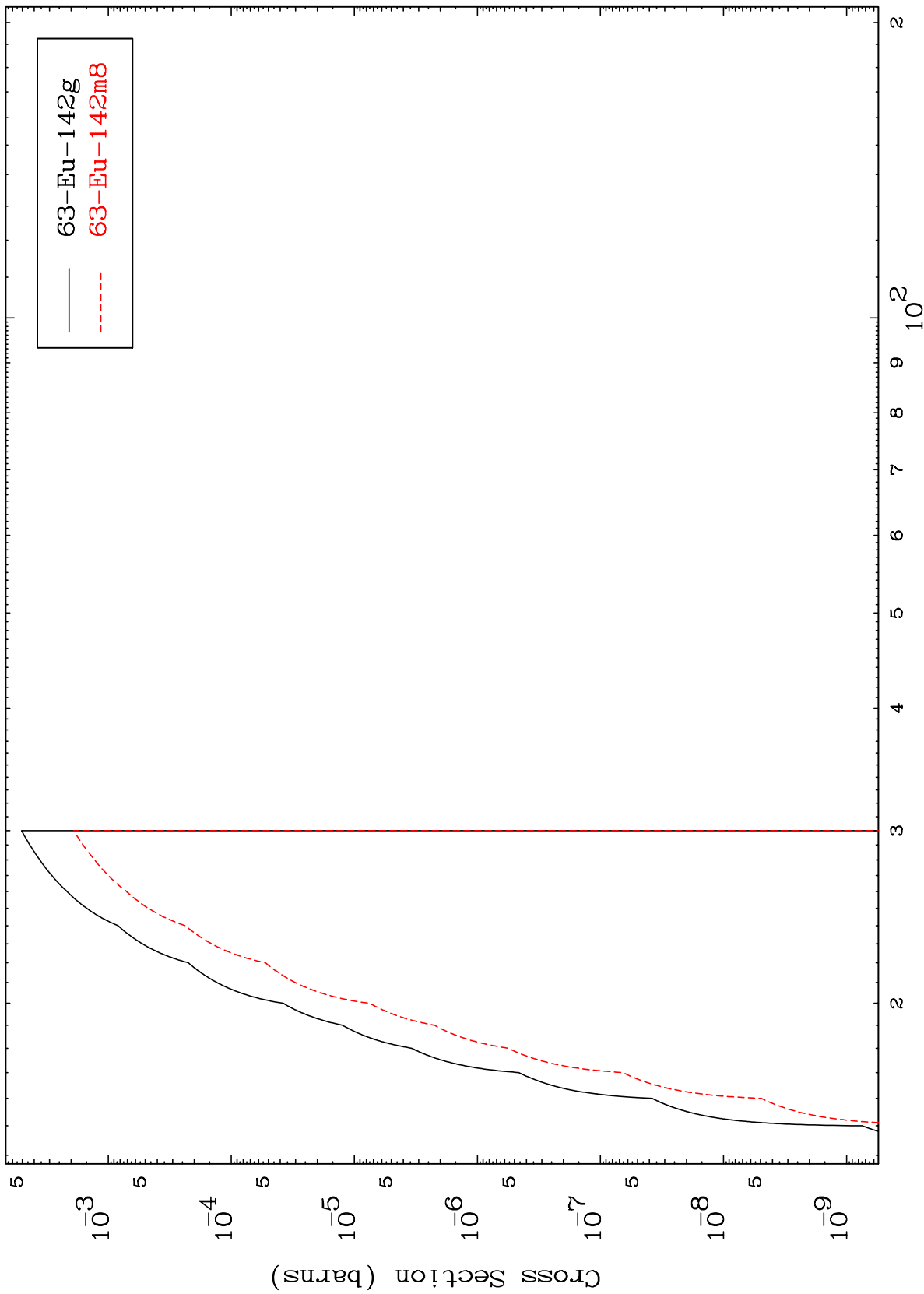


14

Incident Energy (MeV)

62-Sm-142

Radionuclide Production Cross Section

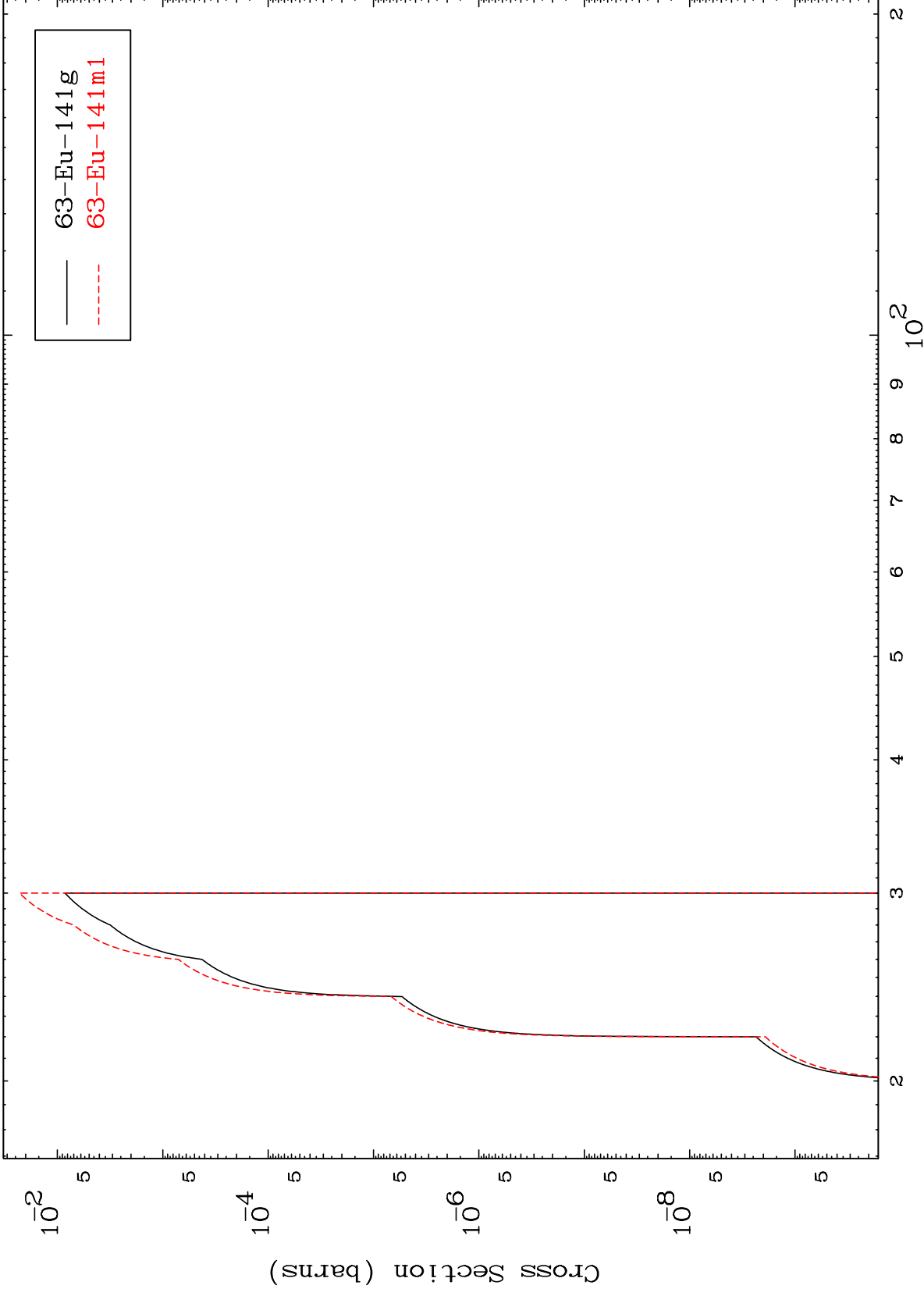


MAT 6219

(n,n') t

62-Sm-142

Radionuclide Production Cross Section



16

Incident Energy (MeV)

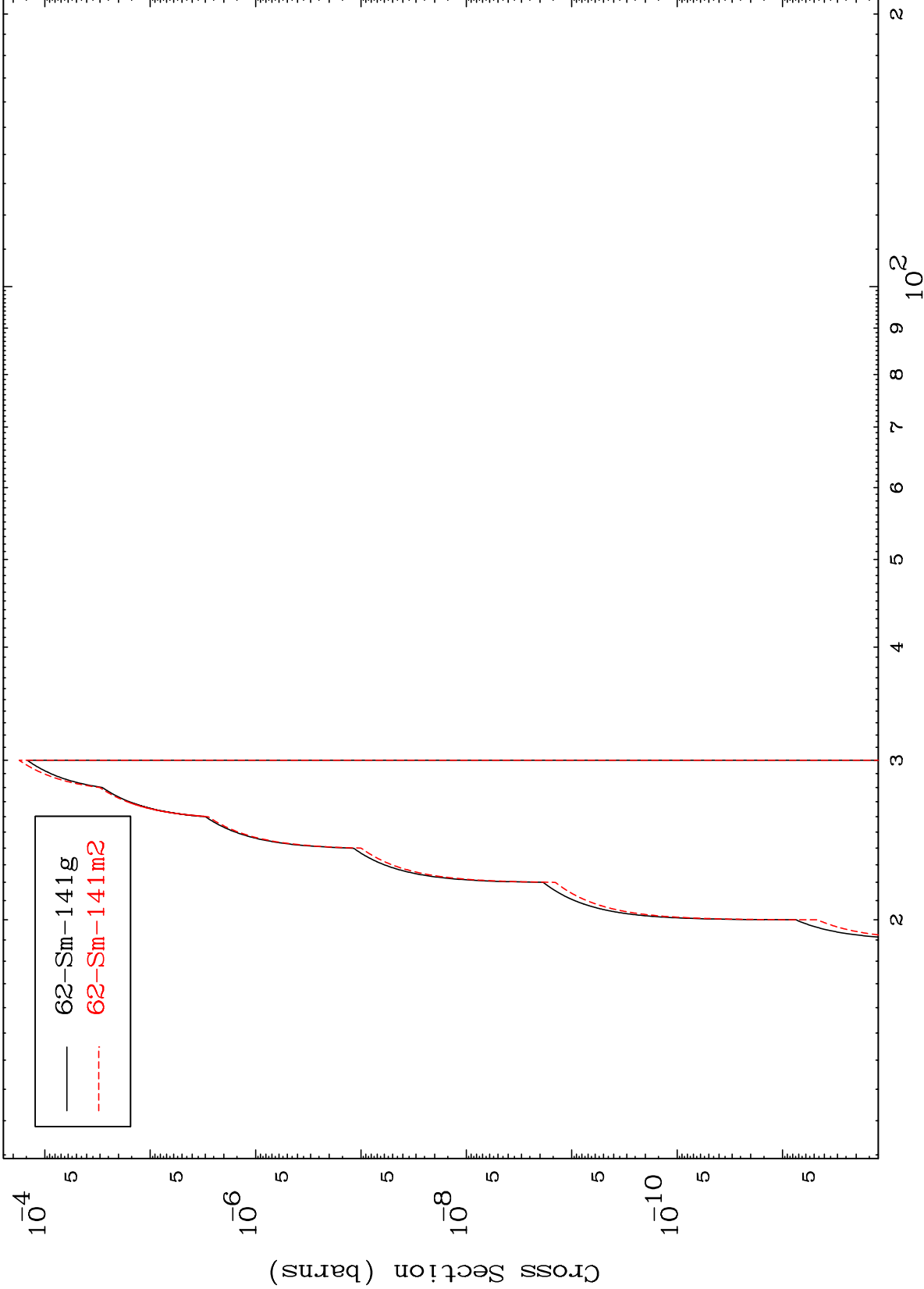
62-Sm-142

MAT 6219

(n,n') He-3

62-Sm-142

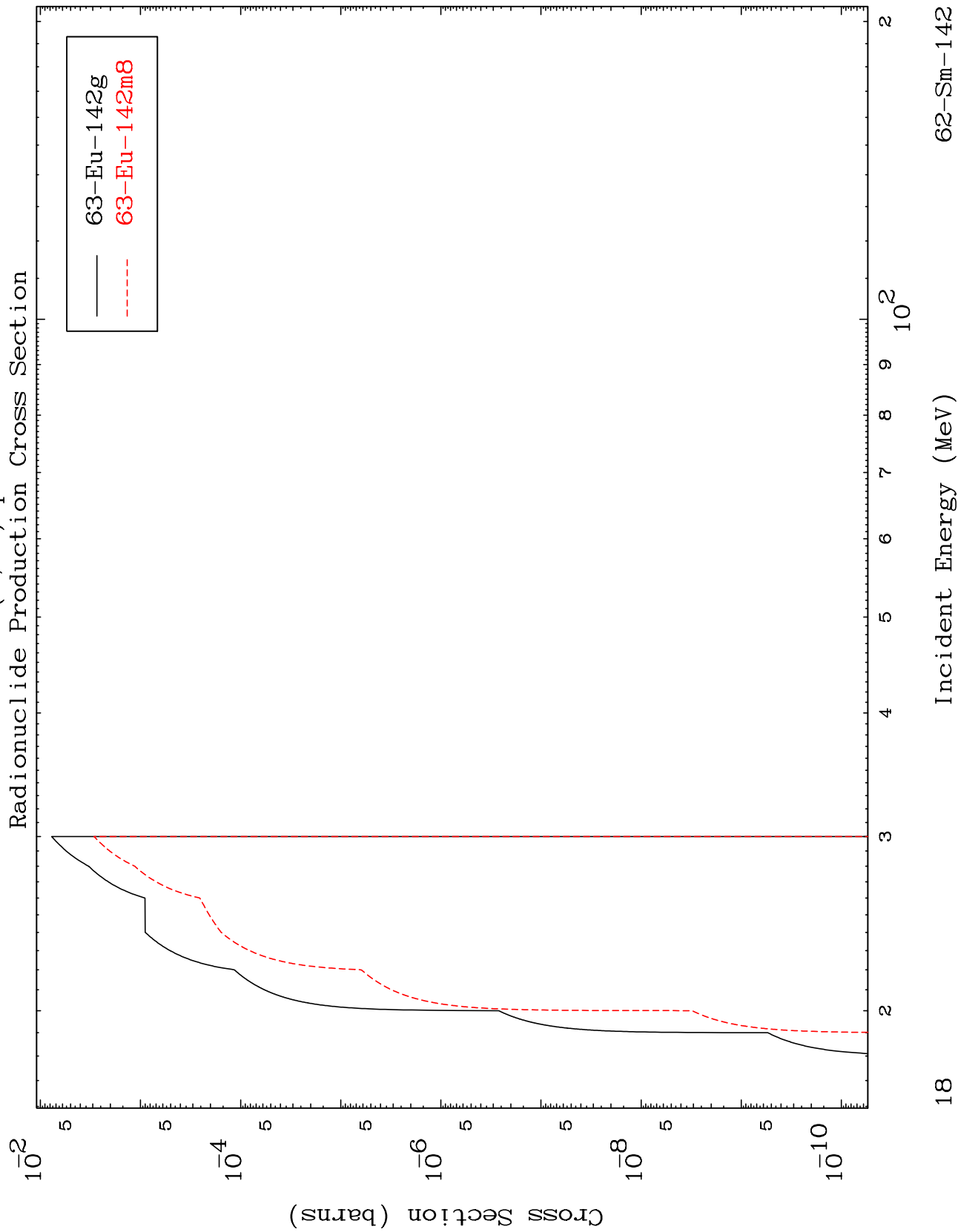
Radionuclide Production Cross Section



MAT 6219

(n,2n) p

62-Sm-142



18

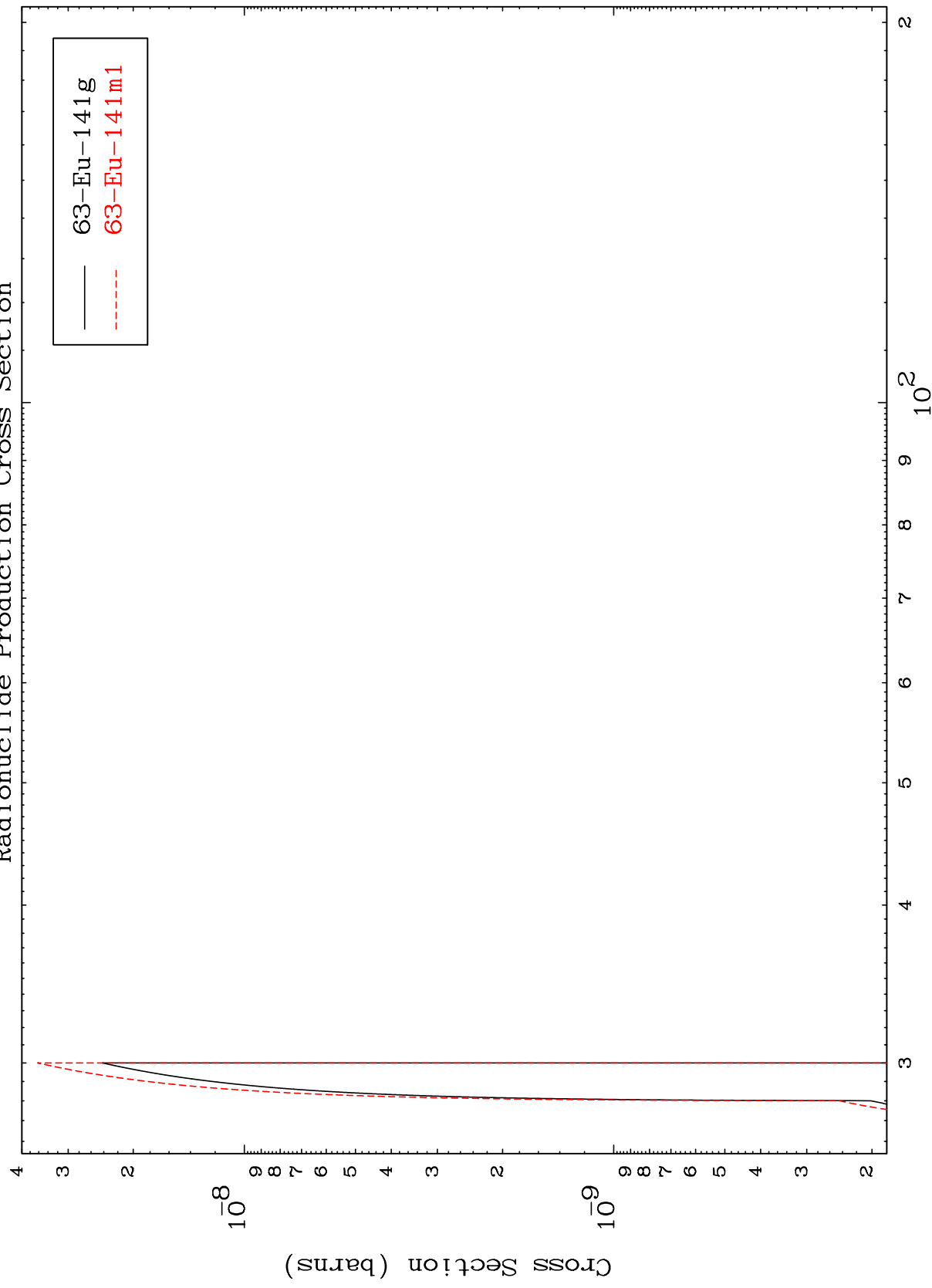
62-Sm-142

MAT 6219

(n,3n) p

62-Sm-142

Radionuclide Production Cross Section



19

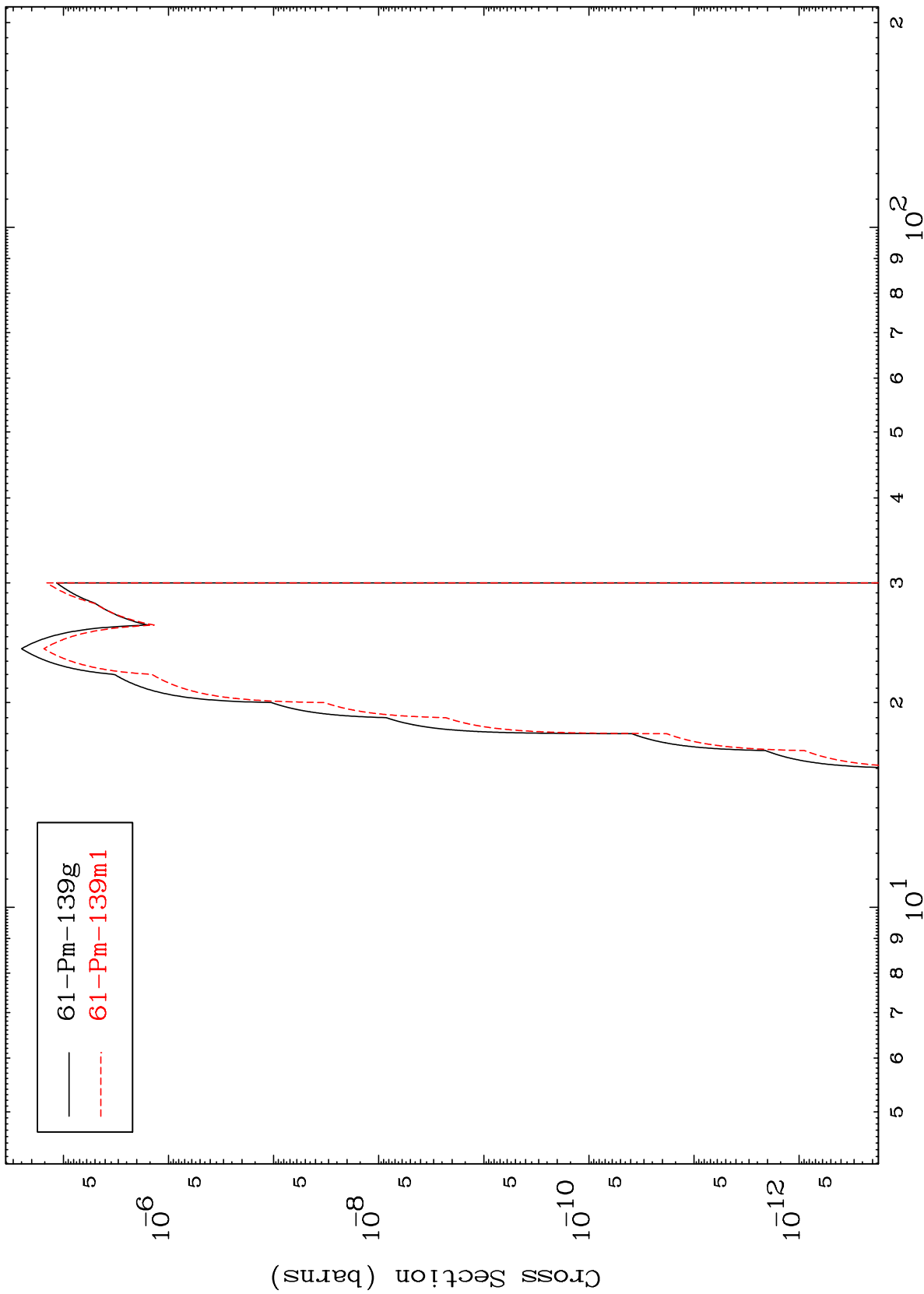
Incident Energy (MeV)

62-Sm-142

MAT 6219

62-Sm-142

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



62-Sm-142

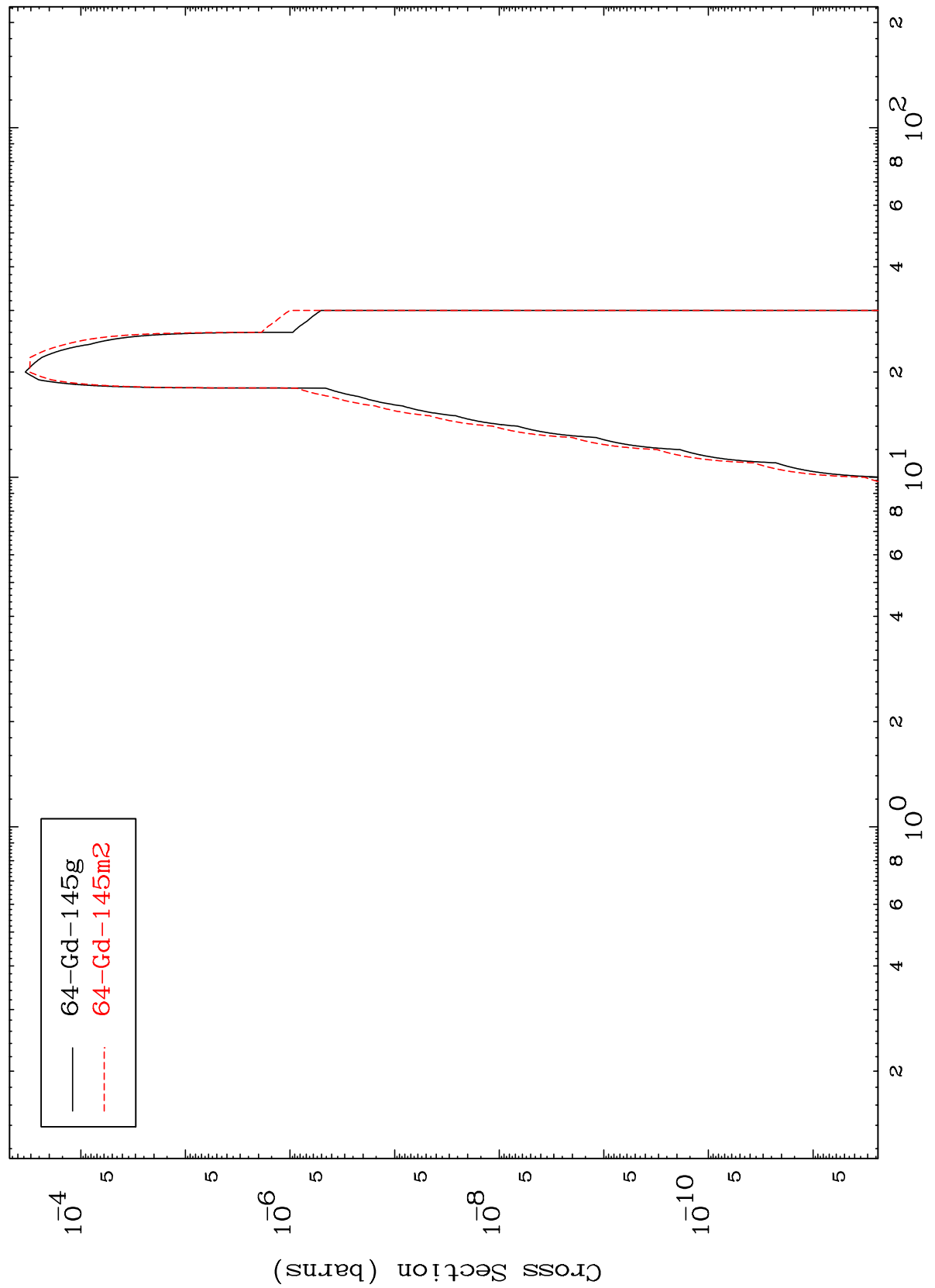
Incident Energy (MeV)

20

MAT 6219

62-Sm-142

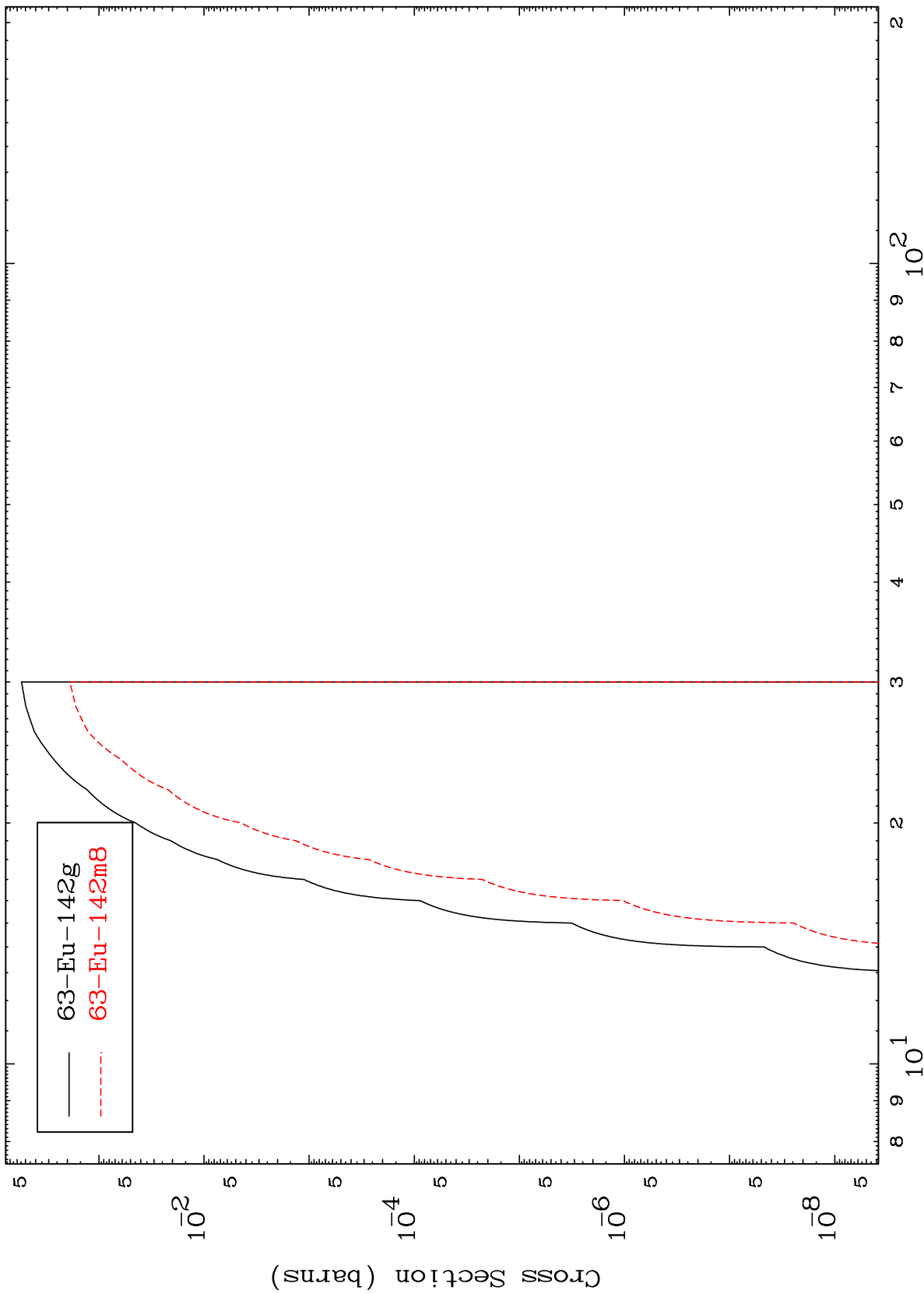
(n,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 6219

62-Sm-142

(n,t)  
Radionuclide Production Cross Section



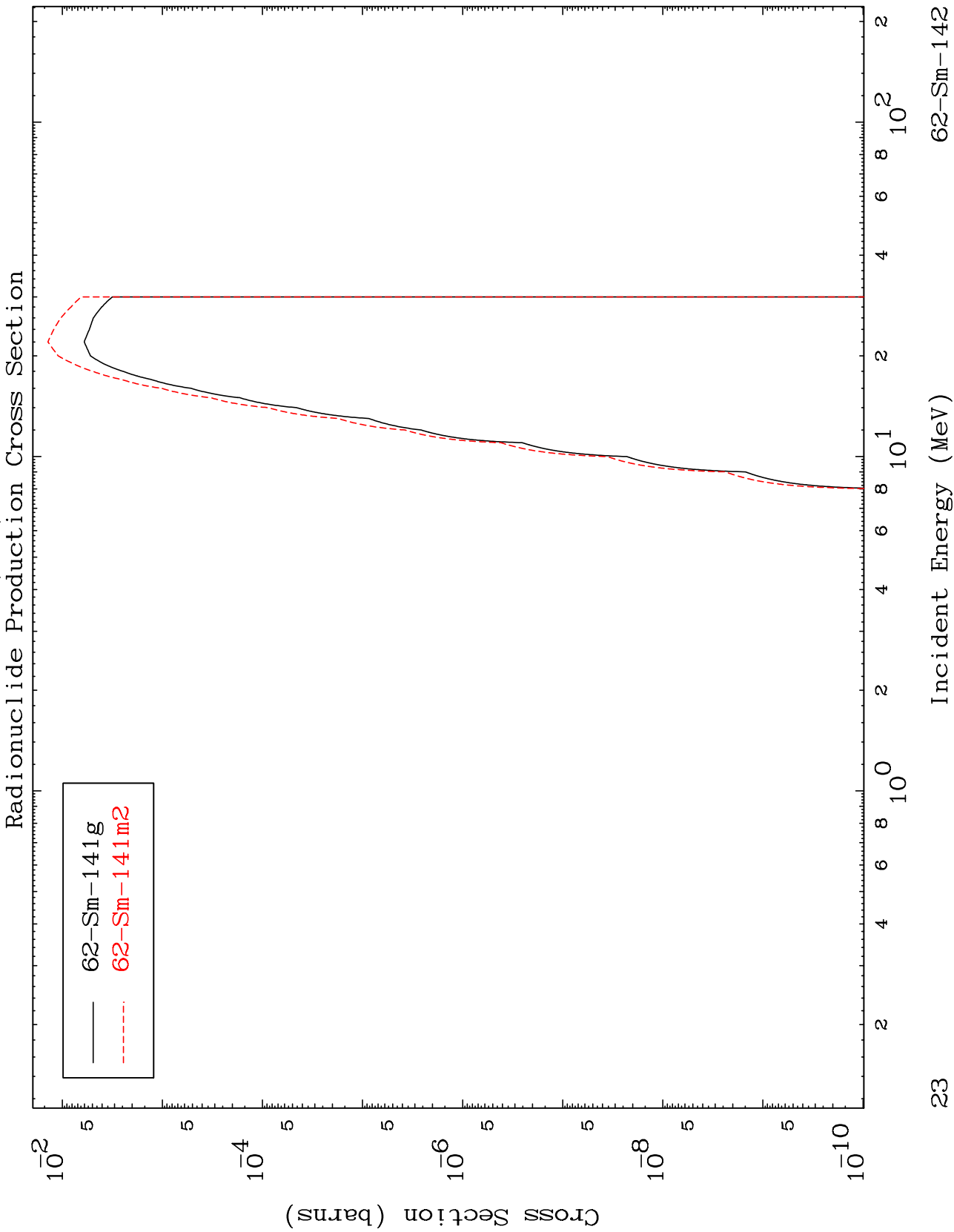
62-Sm-142

Incident Energy (MeV)

22

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62-Sm-142

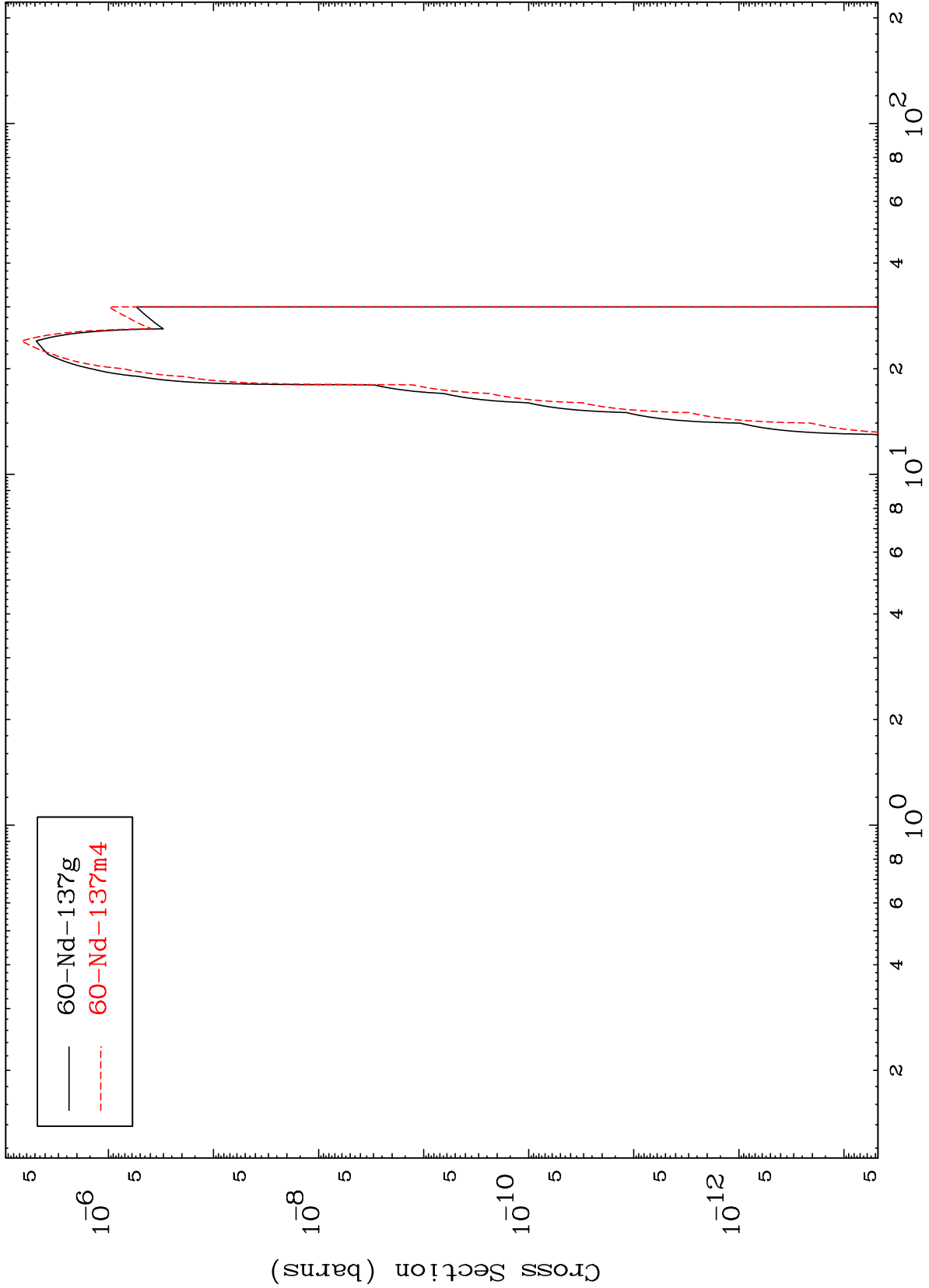


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(n,2α)

62-Sm-142

Radionuclide Production Cross Section

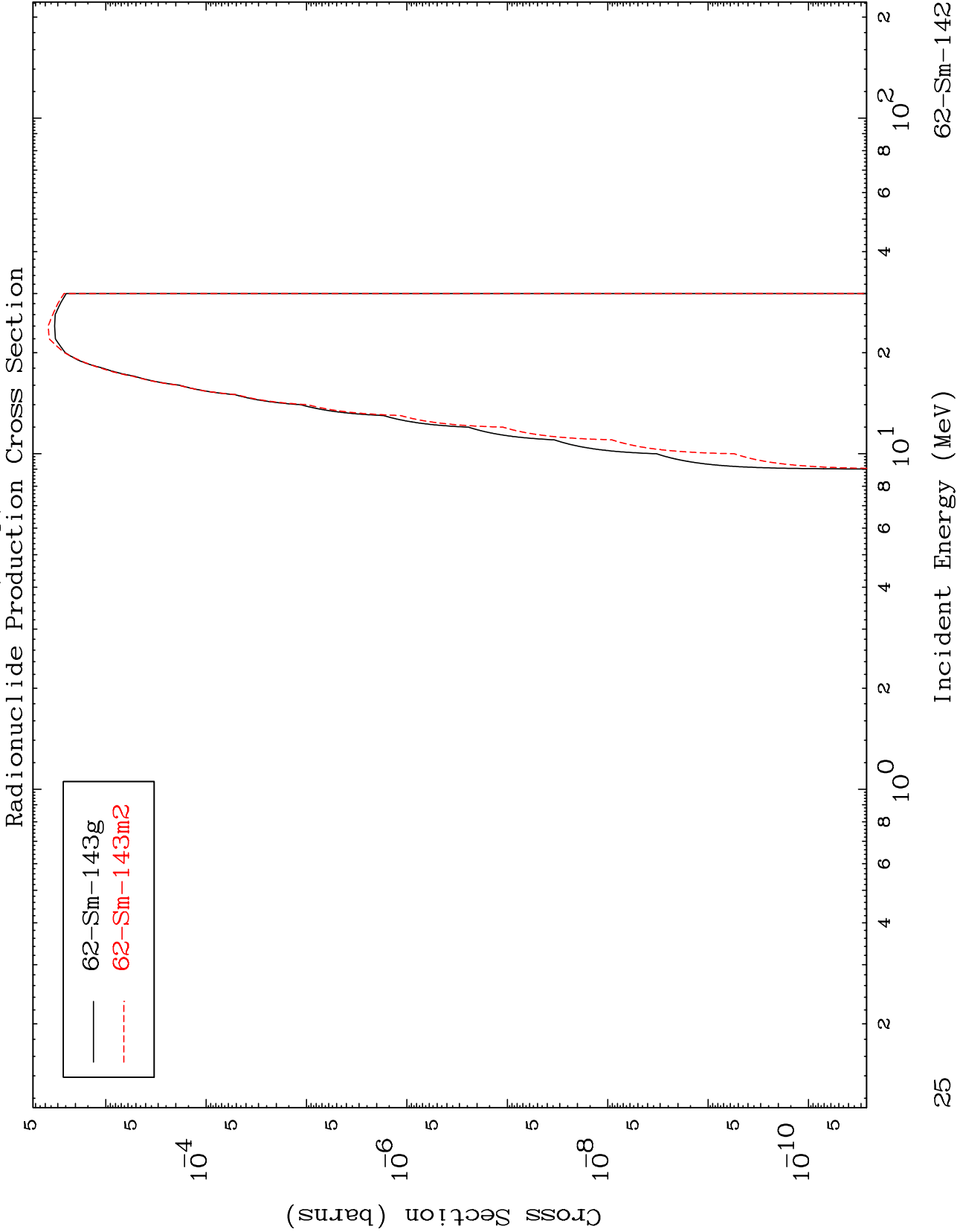


60-Nd-137g  
60-Nd-137m4

MAT 6219

(n,2p)

62-Sm-142

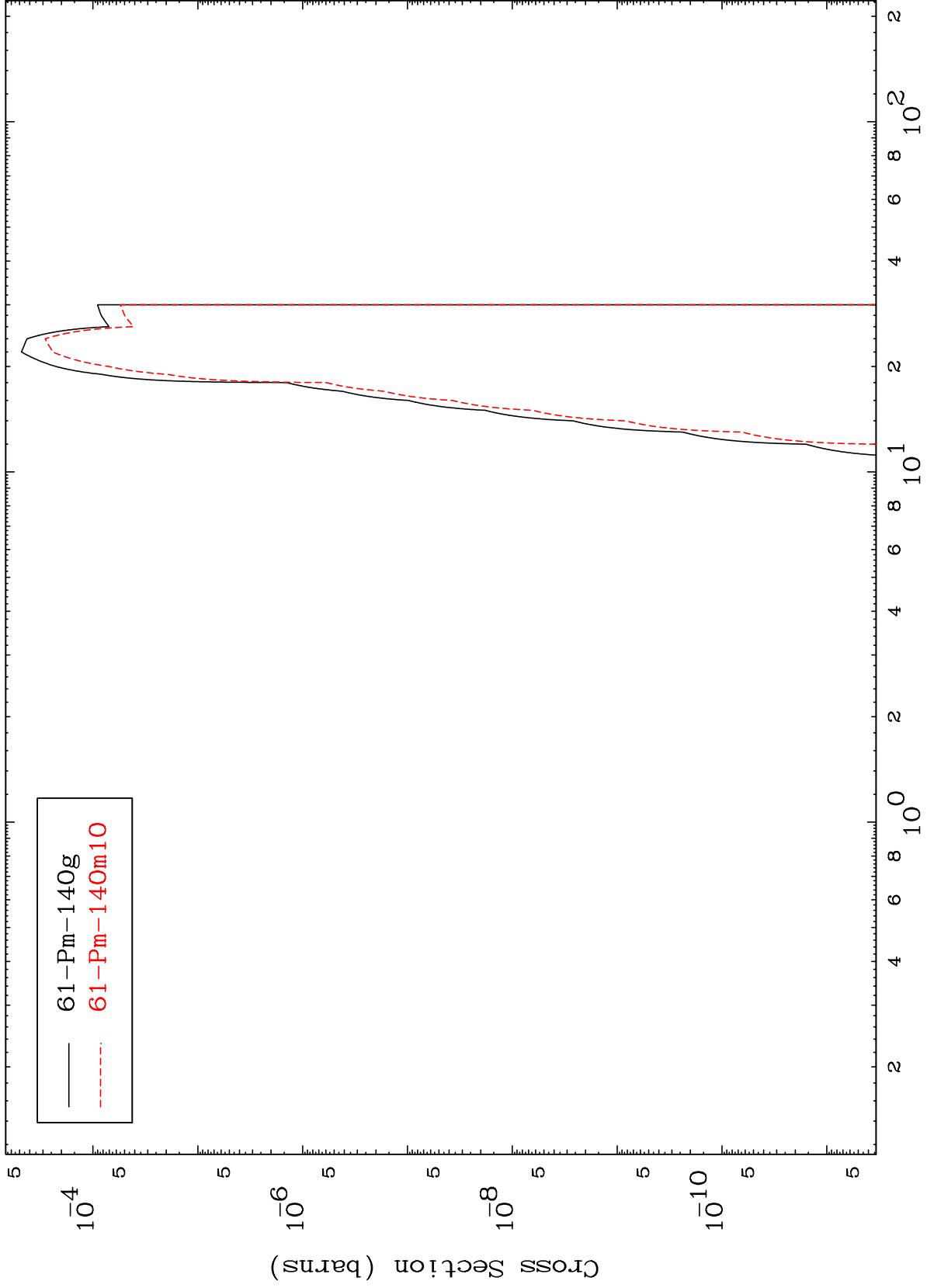


MAT 6219

(n,p)  $\alpha$

62-Sm-142

Radionuclide Production Cross Section

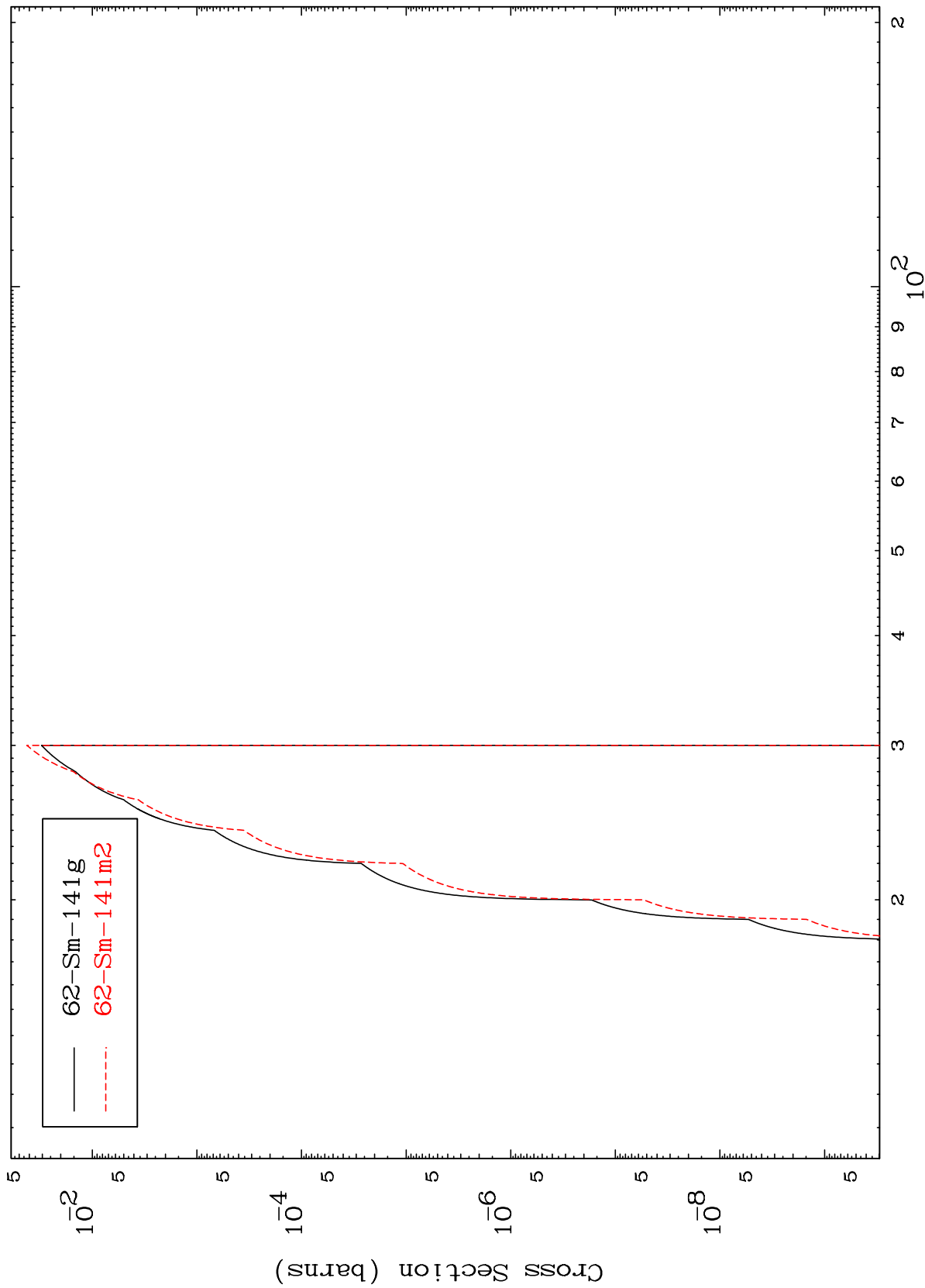


MAT 6219

(n,p) t

62-Sm-142

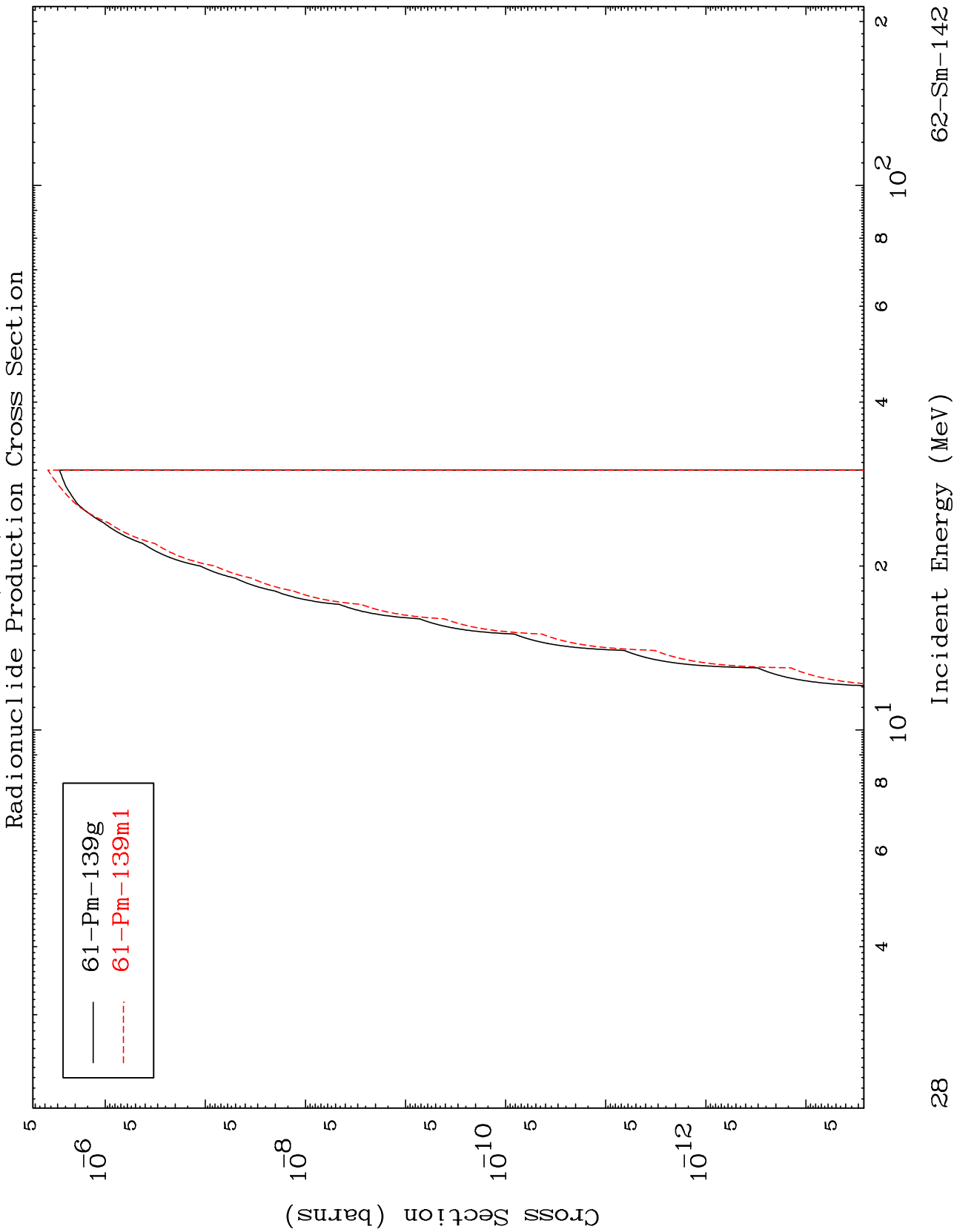
Radionuclide Production Cross Section



MAT 6219

(n,d)  $\alpha$

62-Sm-142



61-Pm-139g  
61-Pm-139m1