

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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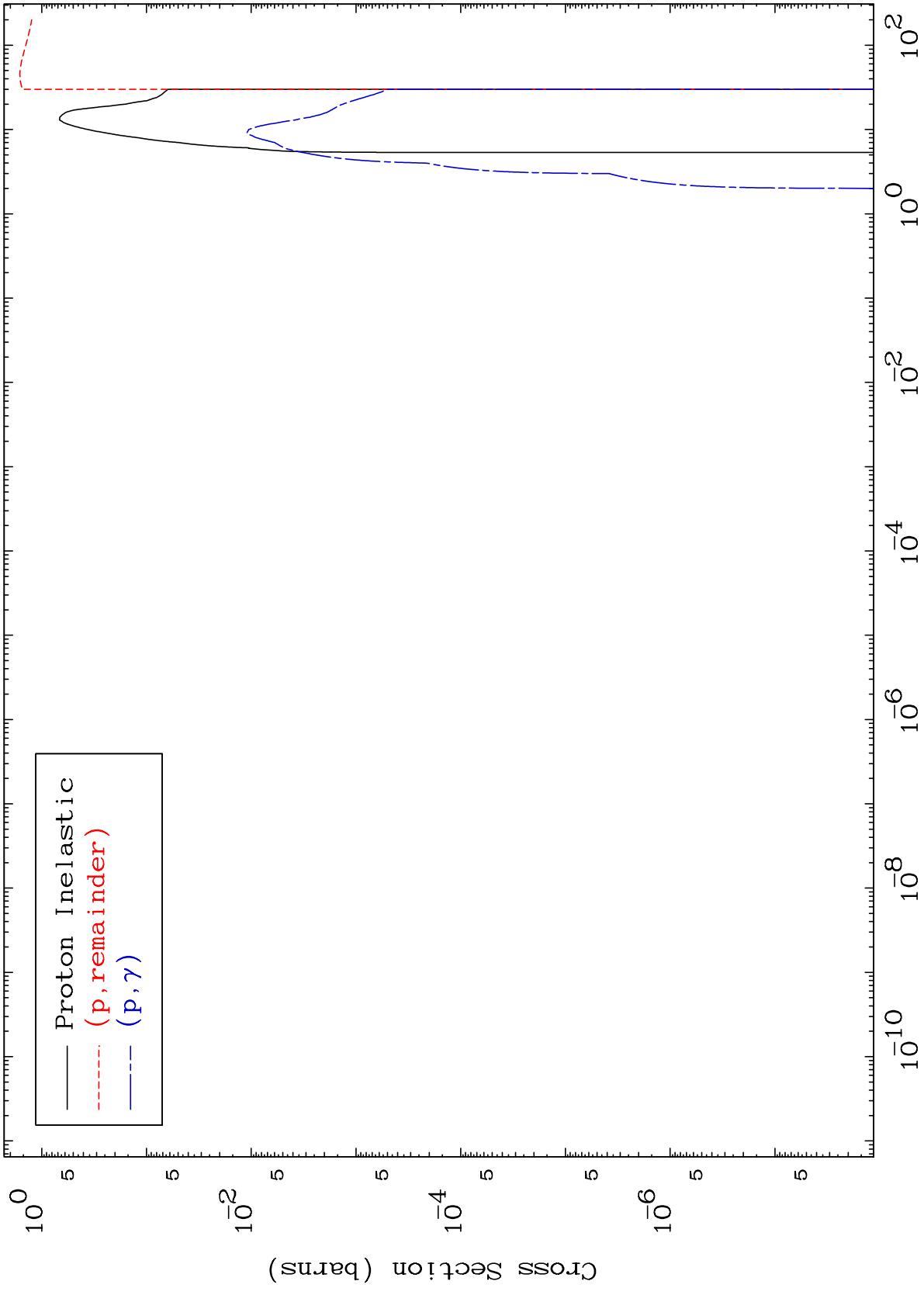
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6016

Proton Major  
0 Kelvin Cross Sections

60-Nd-139

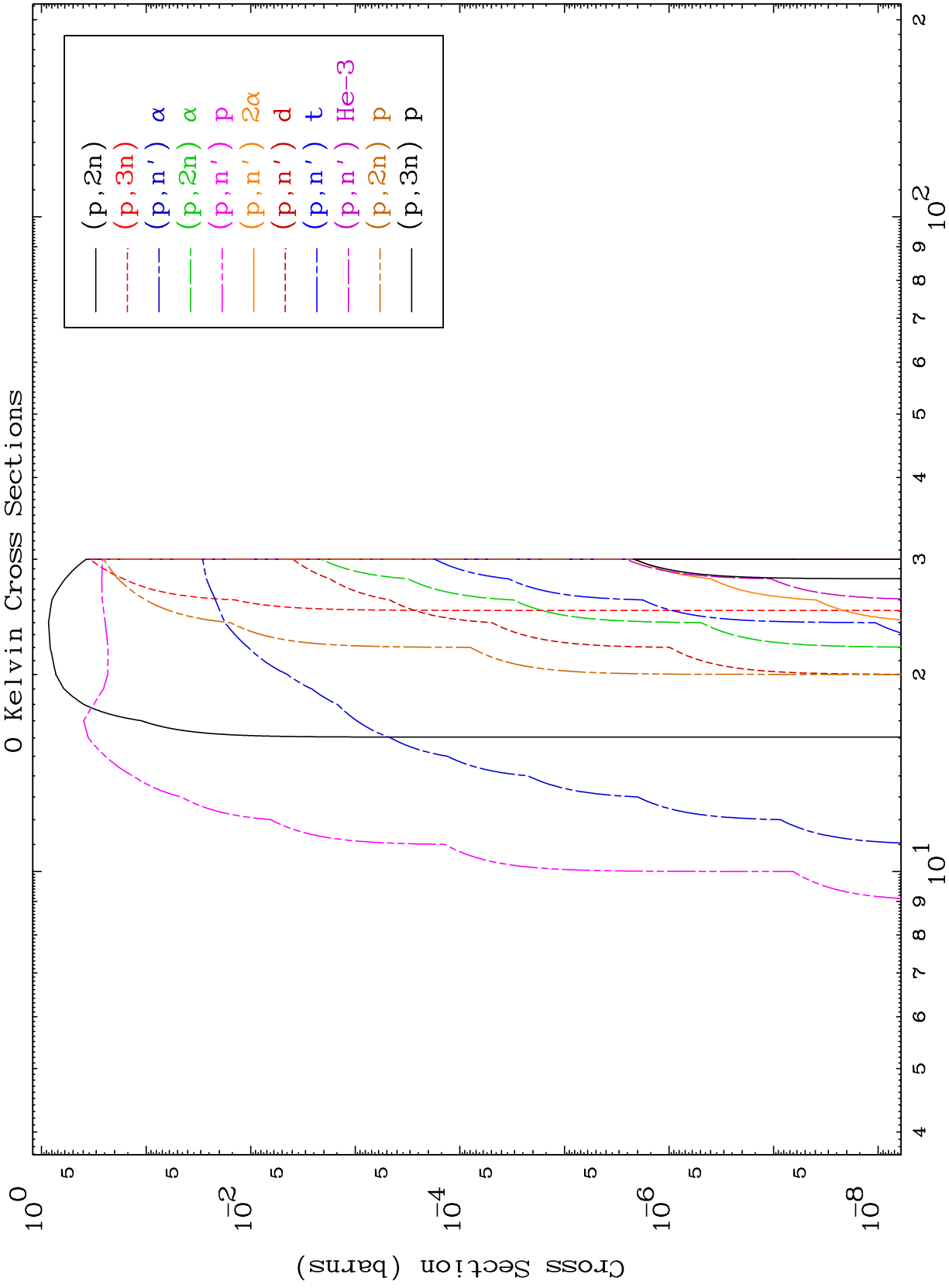


60-Nd-139

MAT 6016

Proton Neutron Production  
0 Kelvin Cross Sections

60-Nd-139



2

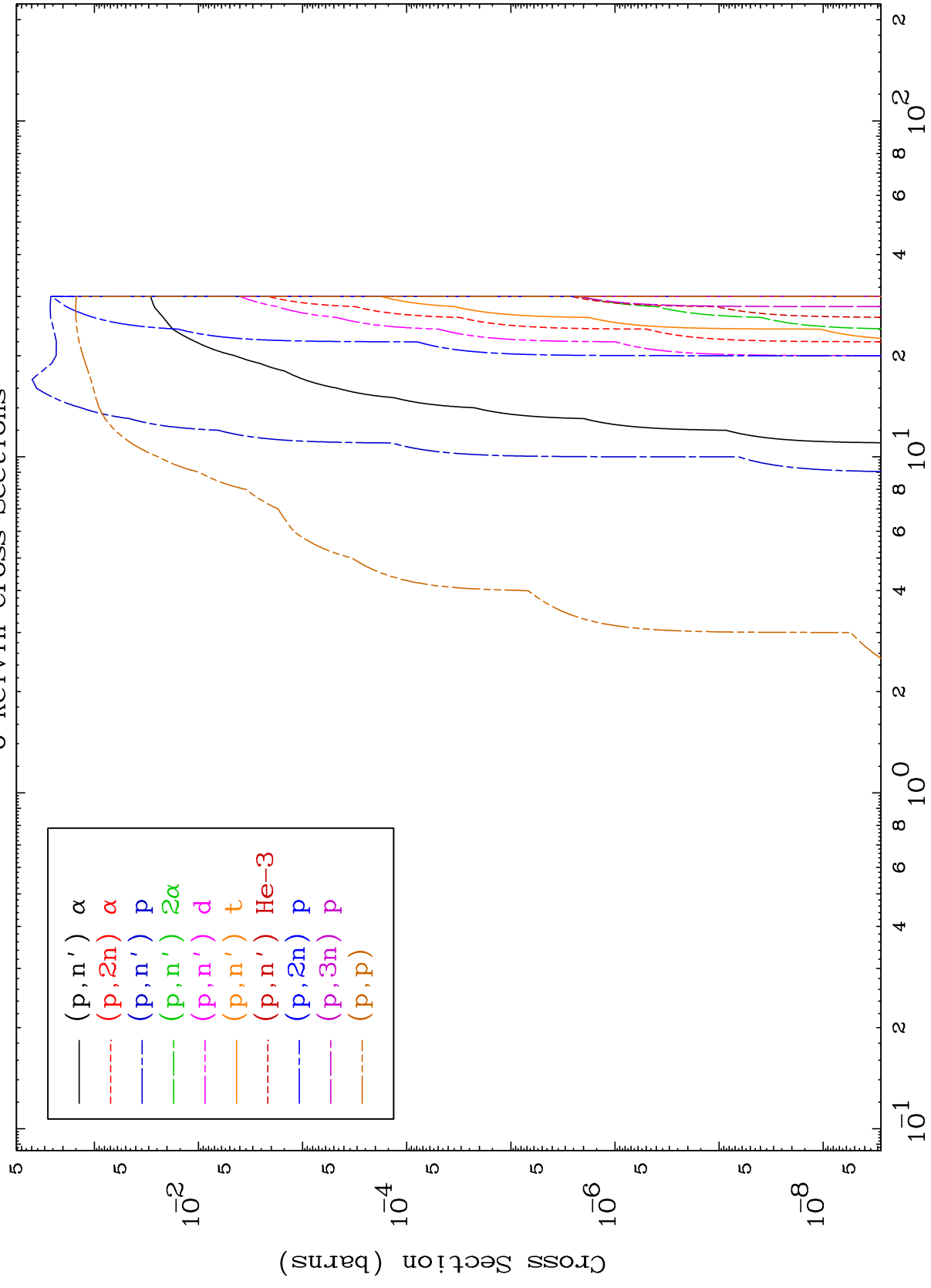
Incident Energy (MeV)

60-Nd-139

MAT 6016

Proton Charged Particle  
0 Kelvin Cross Sections

60-Nd-139



Incident Energy (MeV)

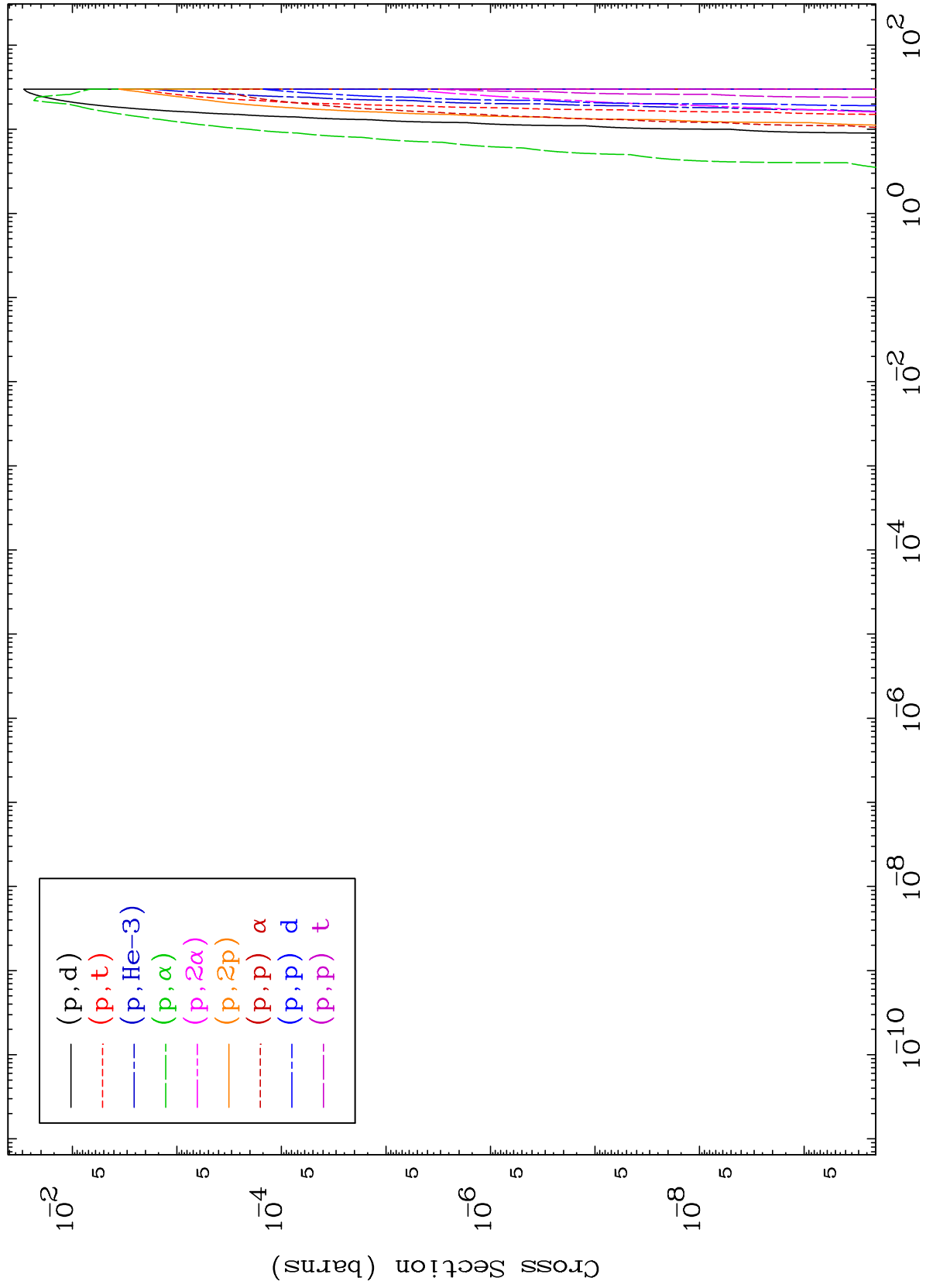
60-Nd-139

3

MAT 6016

Proton Charged Particle  
0 Kelvin Cross Sections

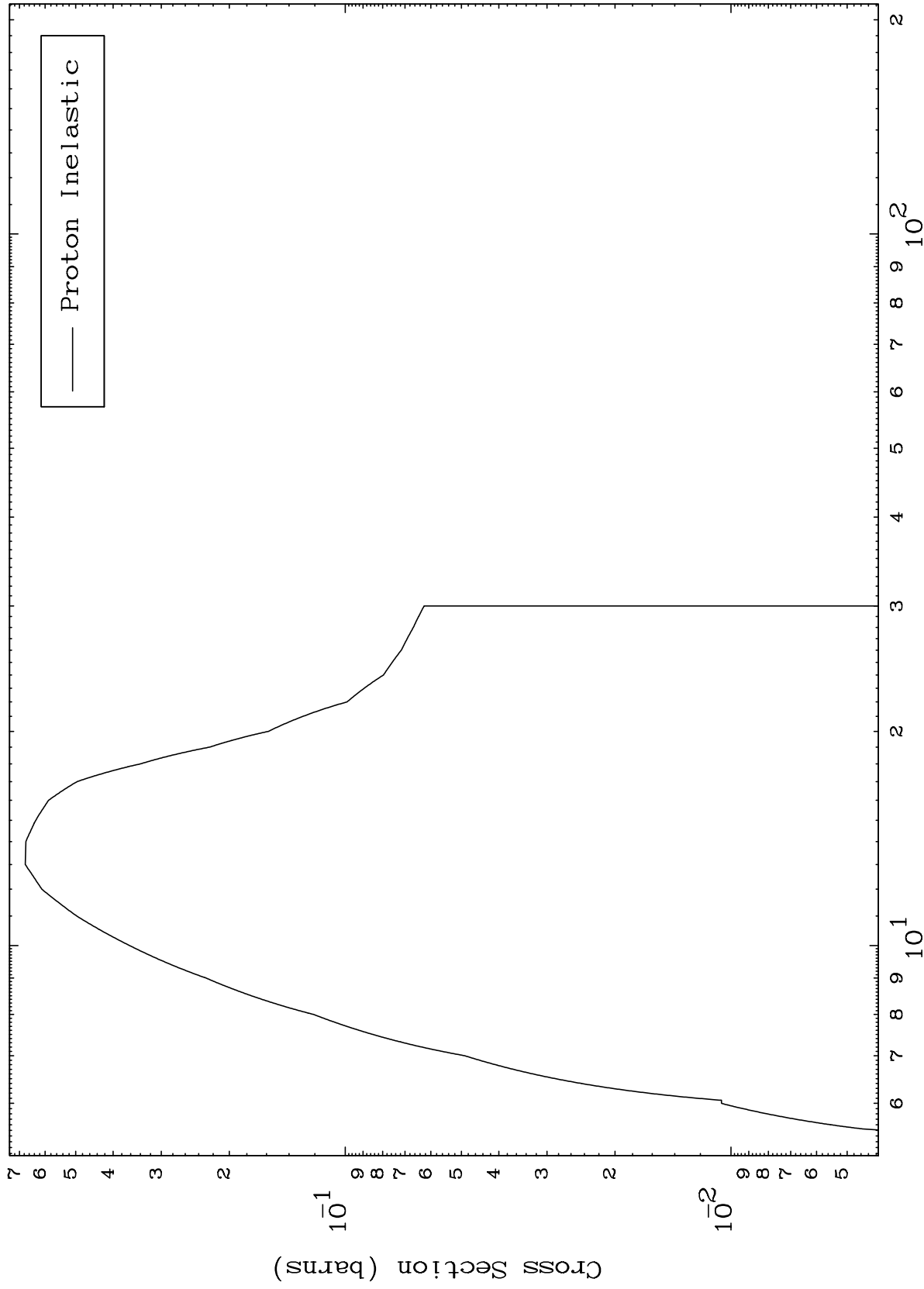
60-Nd-139



MAT 6016

(p,n') Level  
0 Kelvin Cross Sections

60-Nd-139



Proton Inelastic

5

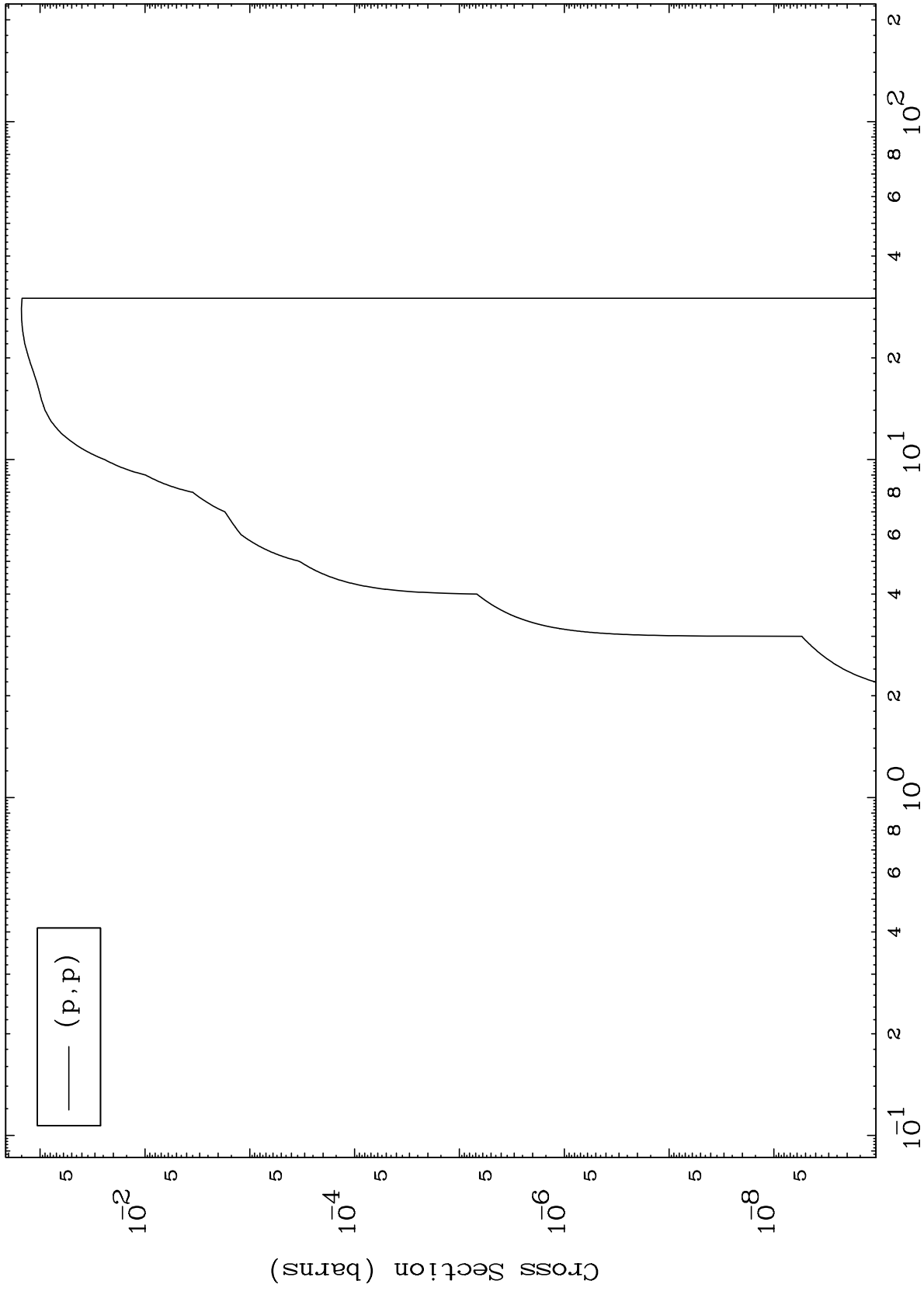
Incident Energy (MeV)

60-Nd-139

MAT 6016

(p,p) Levels  
0 Kelvin Cross Sections

60-Nd-139



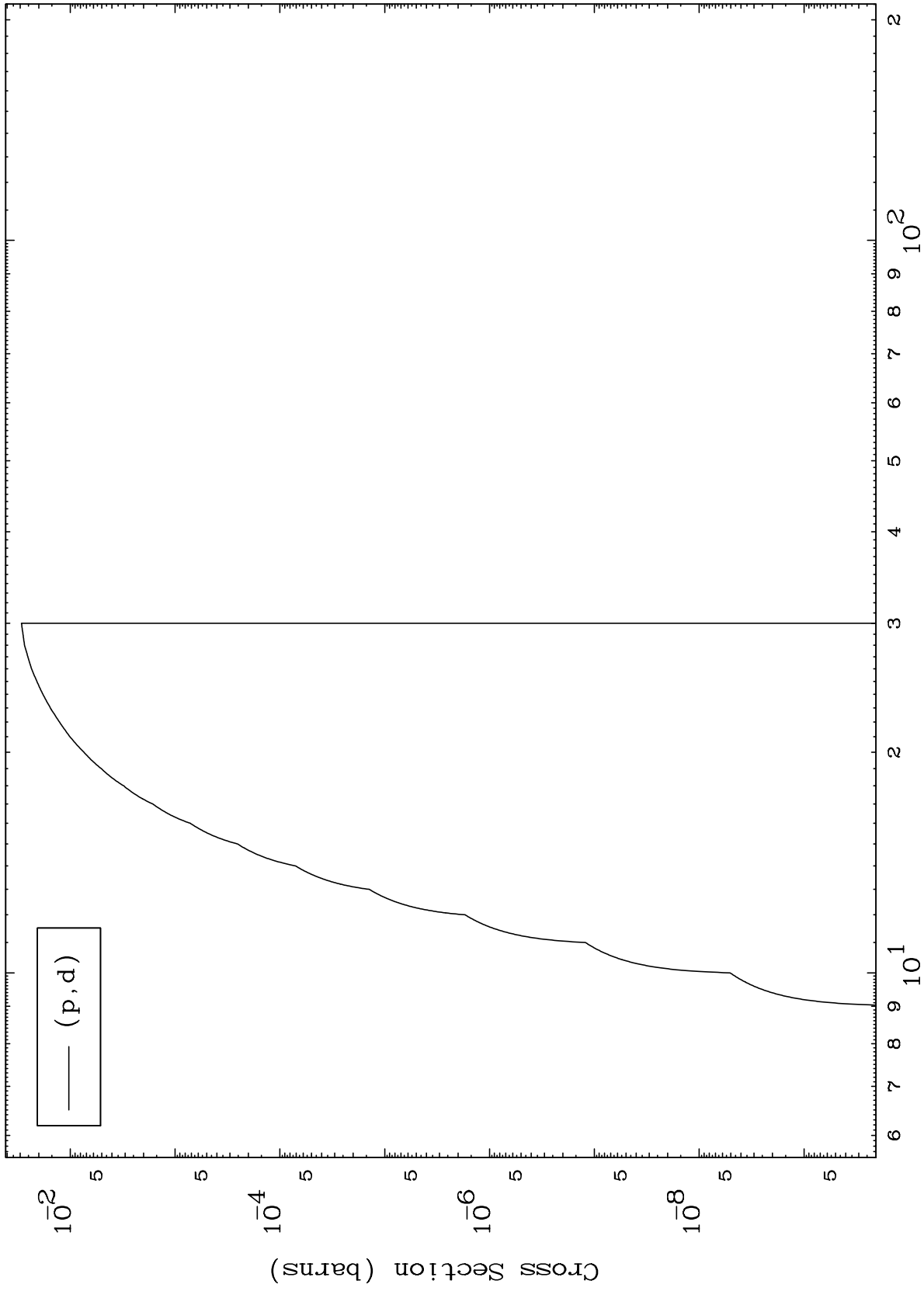
Incident Energy (MeV)

60-Nd-139

MAT 6016

(p,d) Levels  
0 Kelvin Cross Sections

60-Nd-139

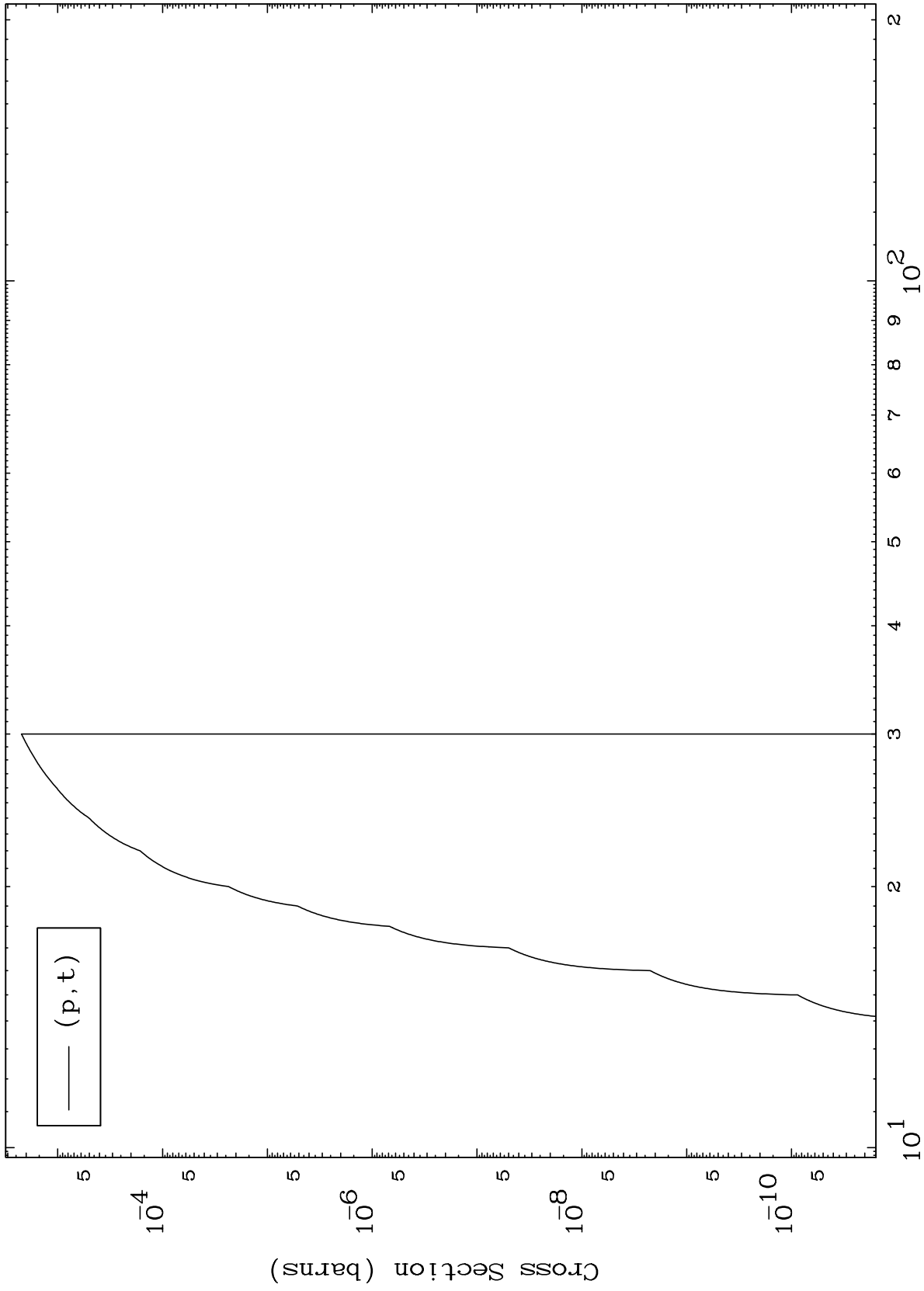




MAT 6016

(p,t) Levels  
0 Kelvin Cross Sections

60-Nd-139



8

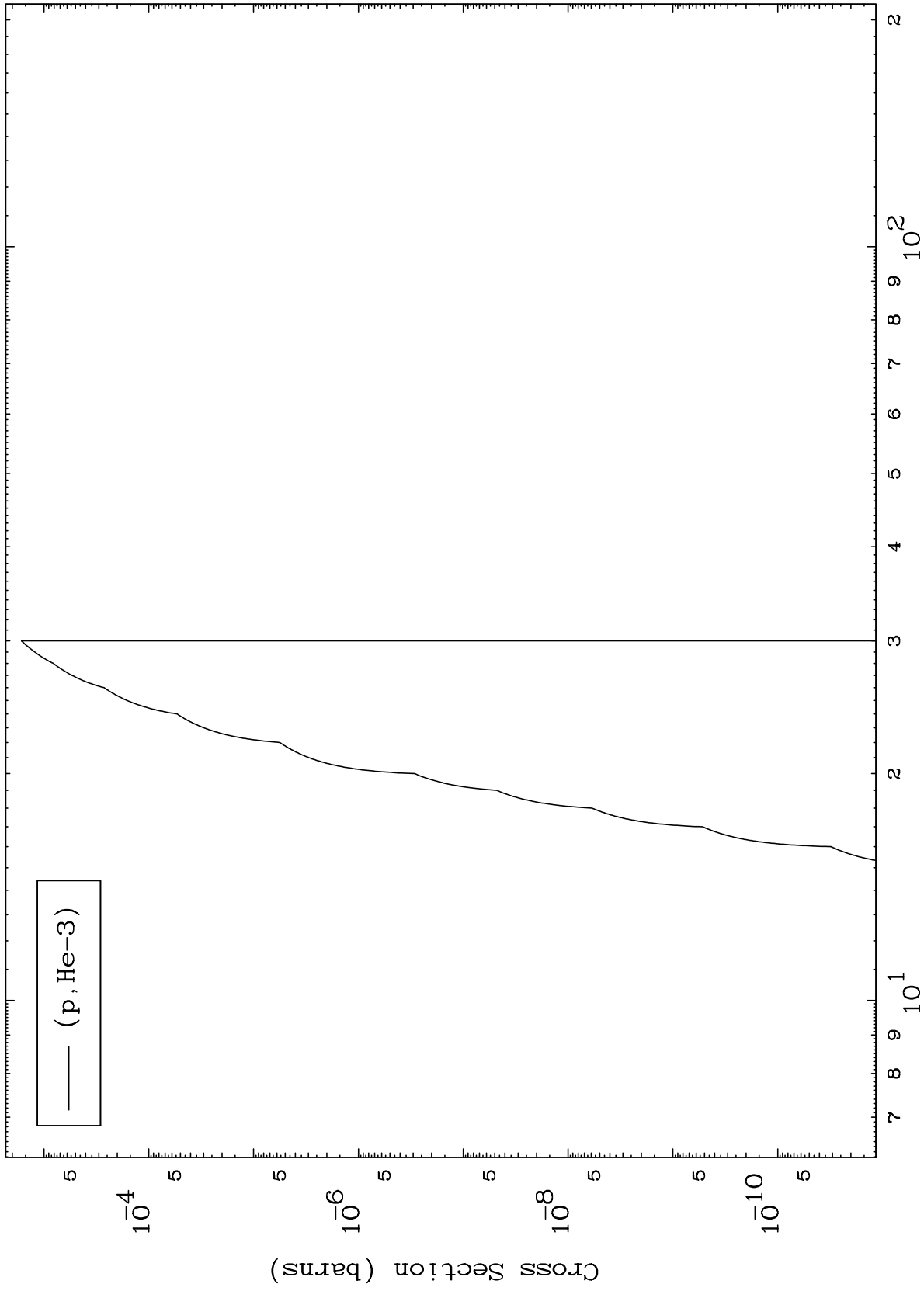
Incident Energy (MeV)

60-Nd-139

MAT 6016

(p,He3) Levels  
0 Kelvin Cross Sections

60-Nd-139



9

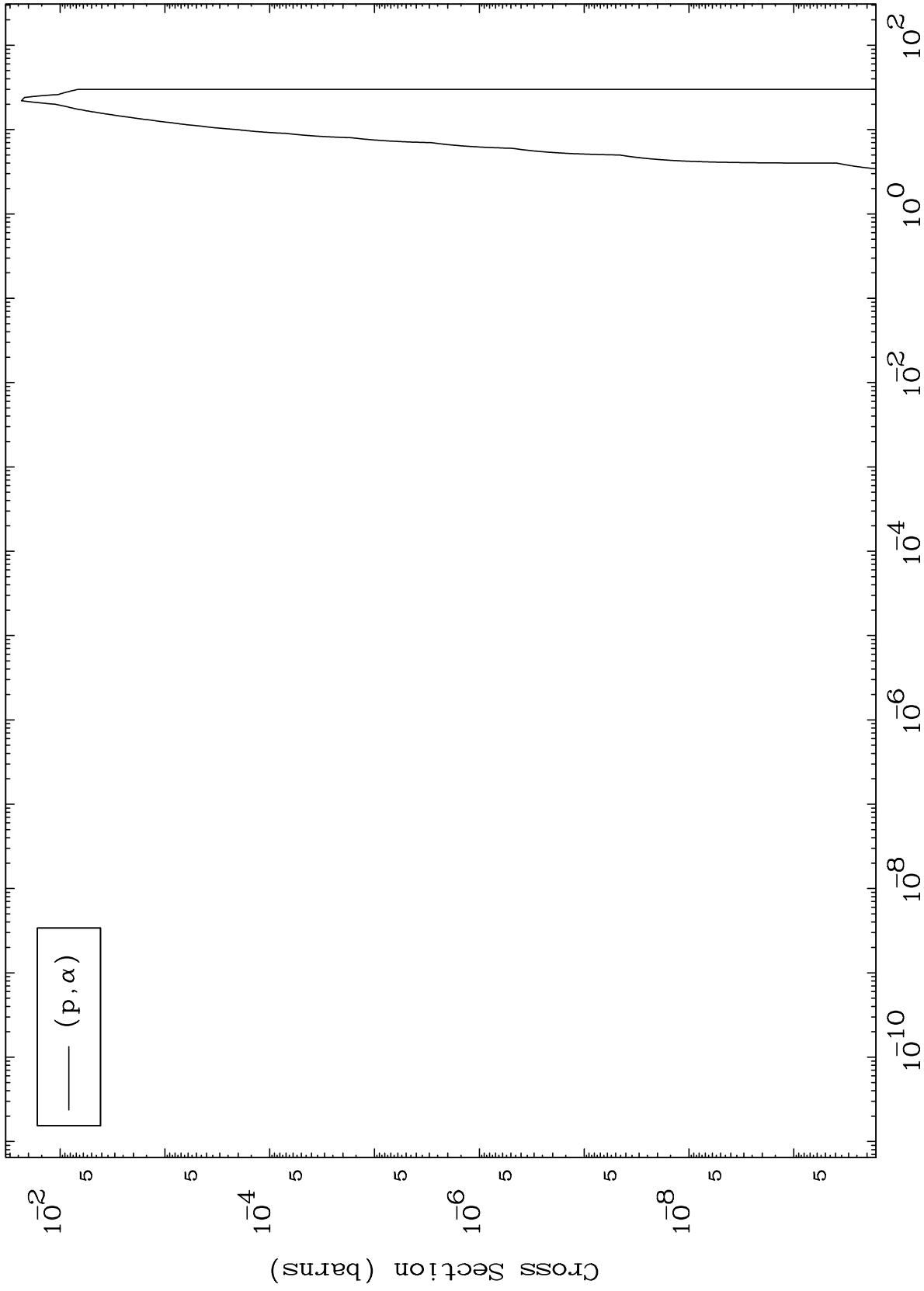
Incident Energy (MeV)

60-Nd-139

MAT 6016

(p,α) Levels  
0 Kelvin Cross Sections

60-Nd-139



10

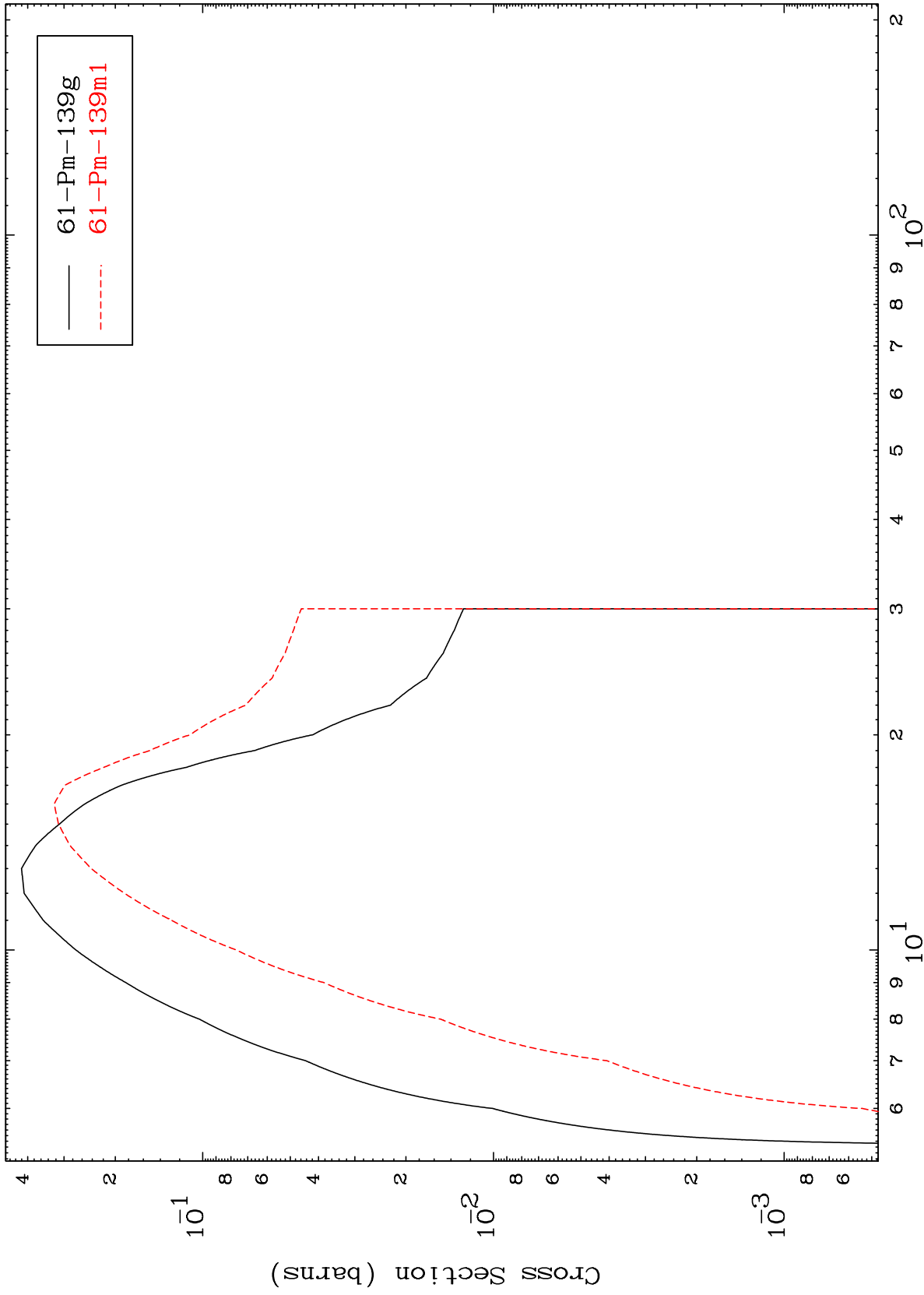
Incident Energy (MeV)

60-Nd-139

MAT 6016

Proton Inelastic  
Radionuclide Production Cross Section

60-Nd-139



11

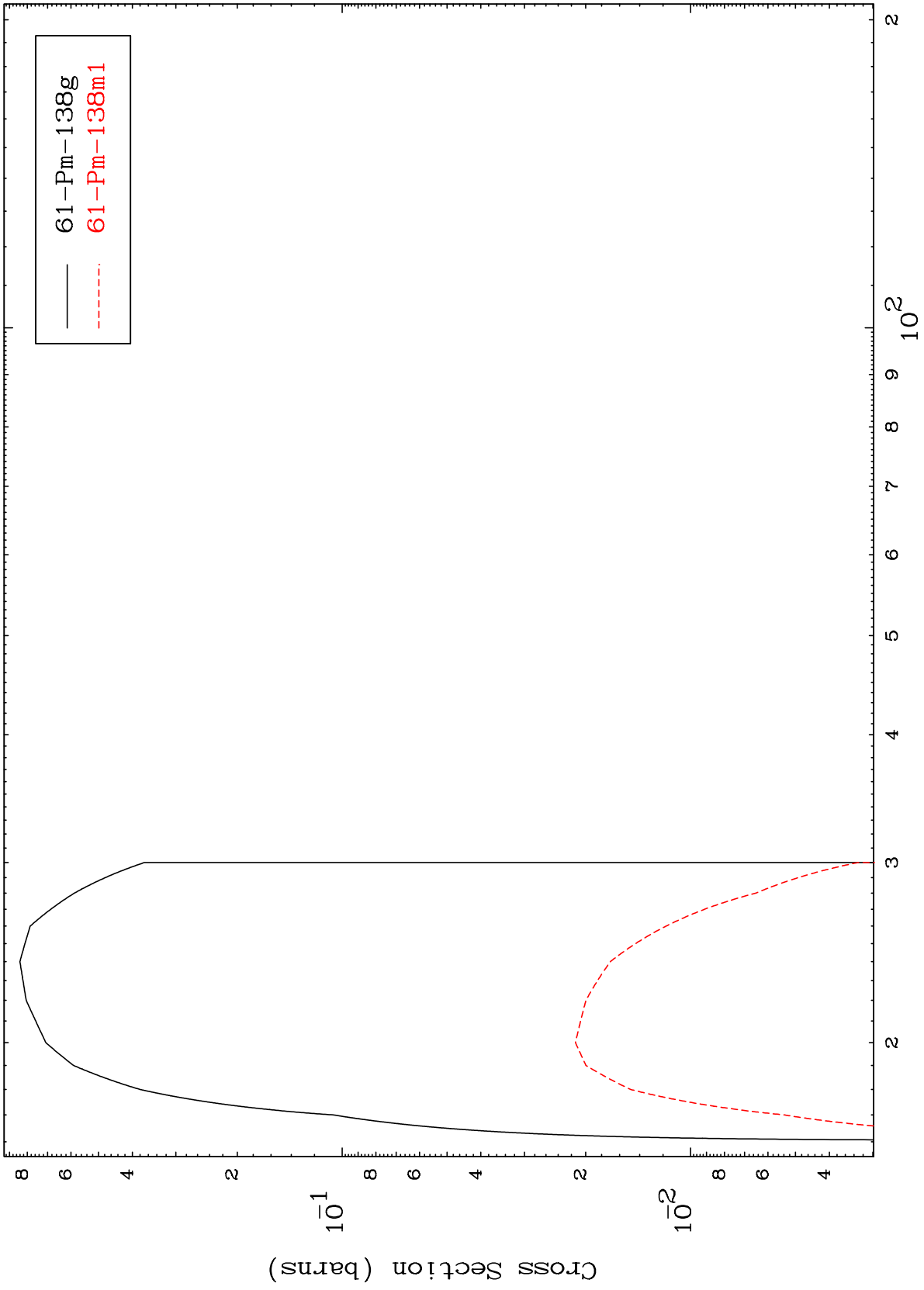
Incident Energy (MeV)

60-Nd-139

MAT 6016

60-Nd-139

(p,2n)  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

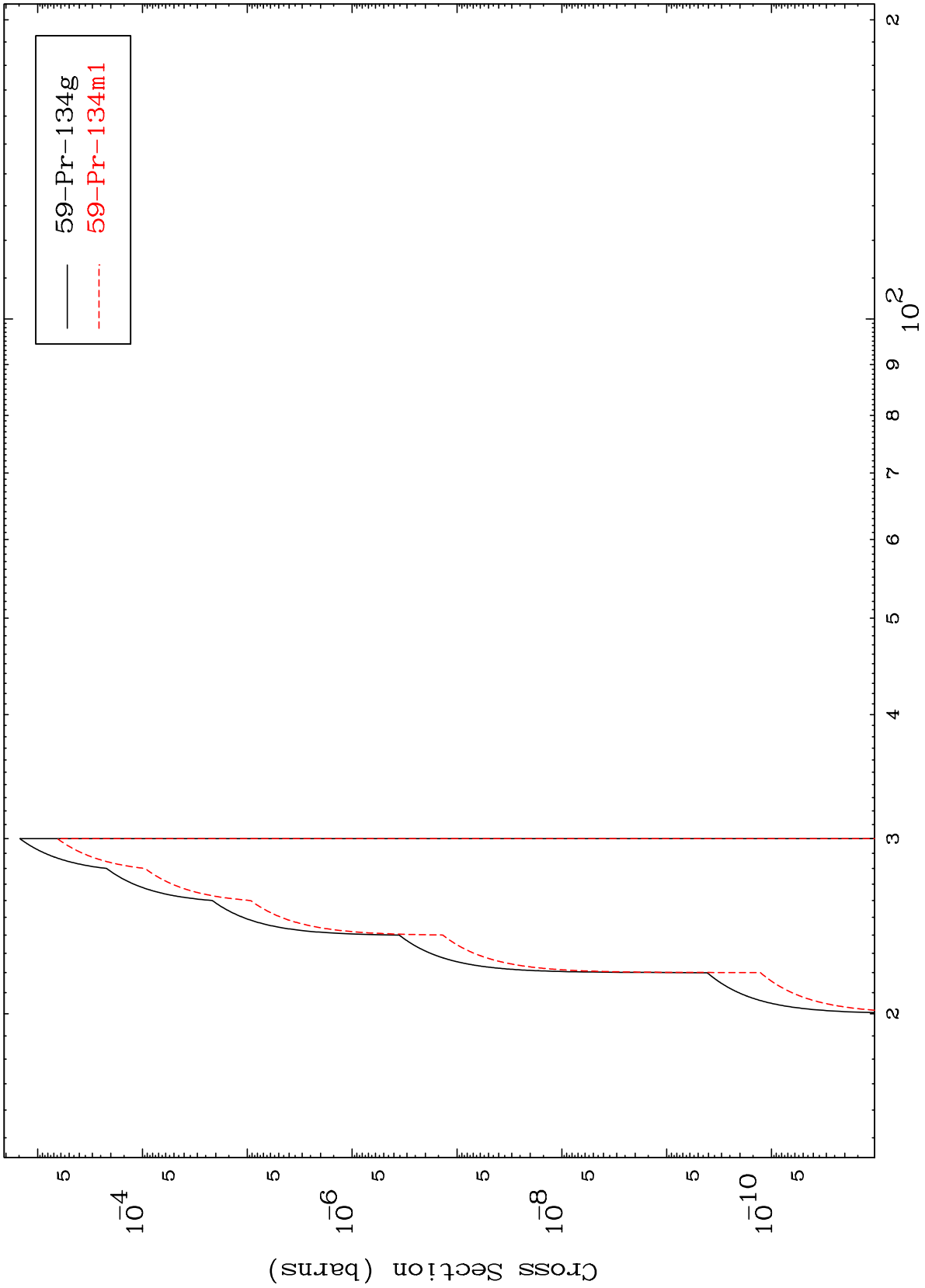
60-Nd-139

MAT 6016

(p,2n)  $\alpha$

60-Nd-139

Radionuclide Production Cross Section



13

Incident Energy (MeV)

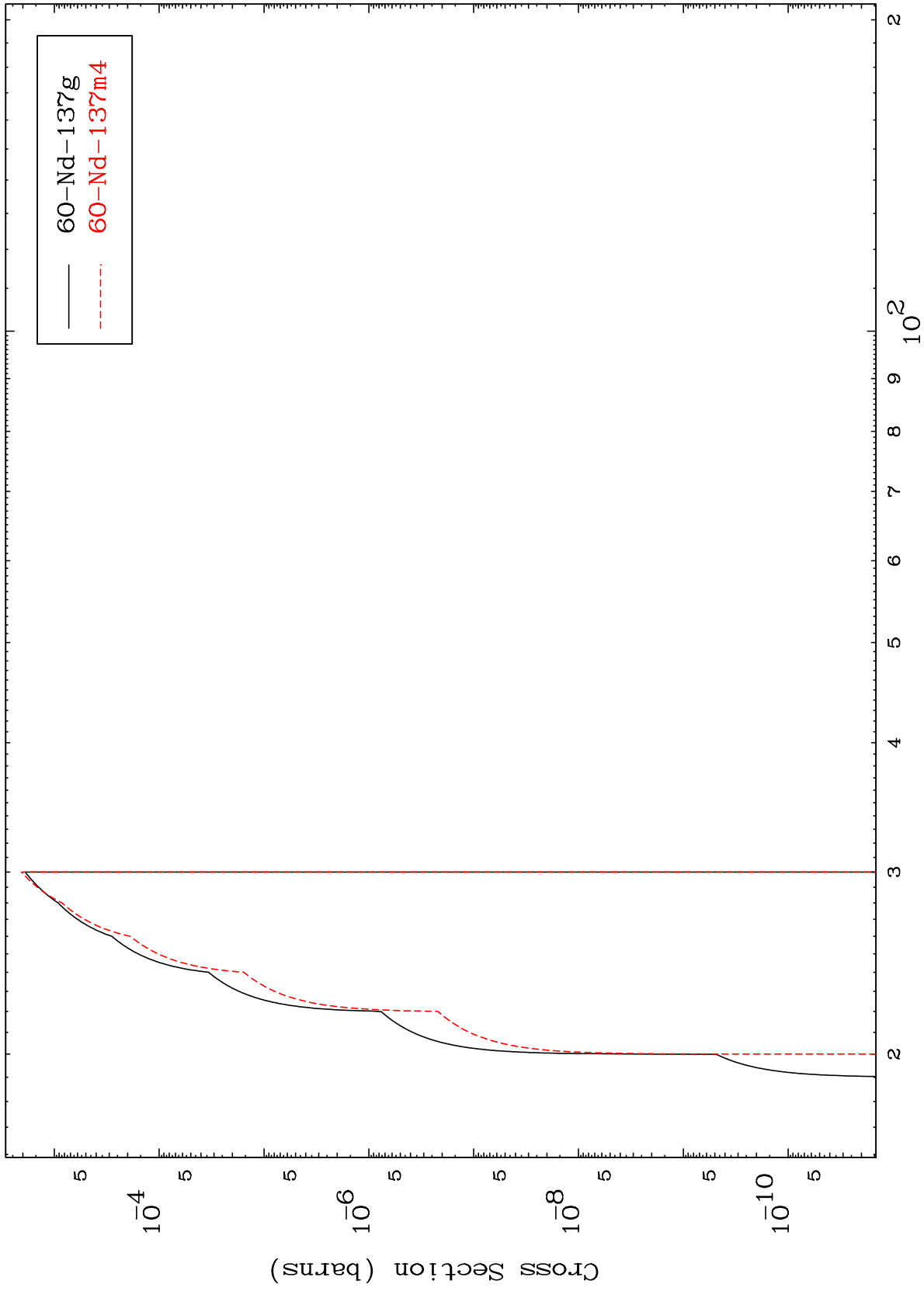
60-Nd-139

MAT 6016

(p,n') d

60-Nd-139

Radionuclide Production Cross Section



14

Incident Energy (MeV)

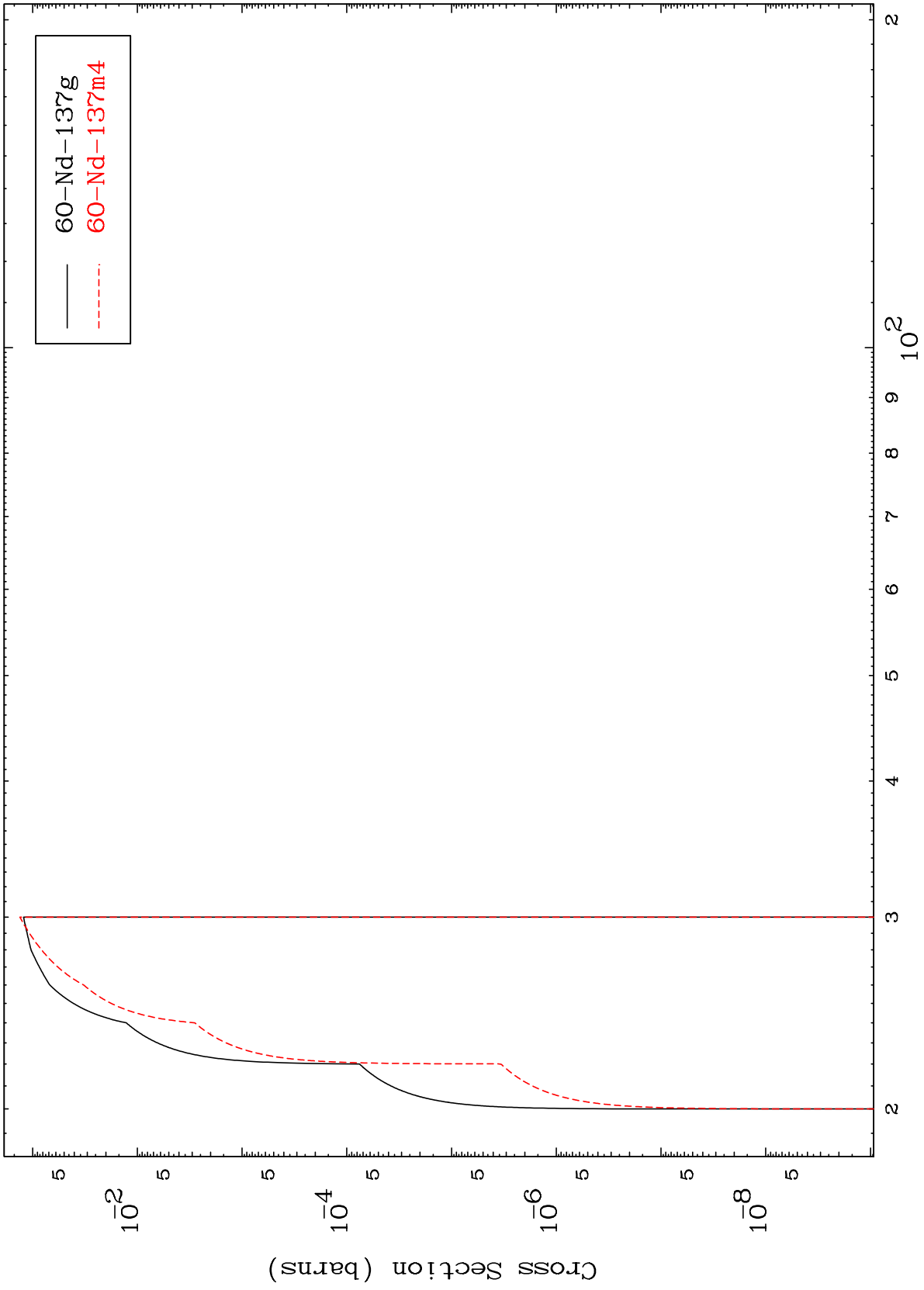
60-Nd-139

MAT 6016

(p,2n) p

<sup>60</sup>Nd-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

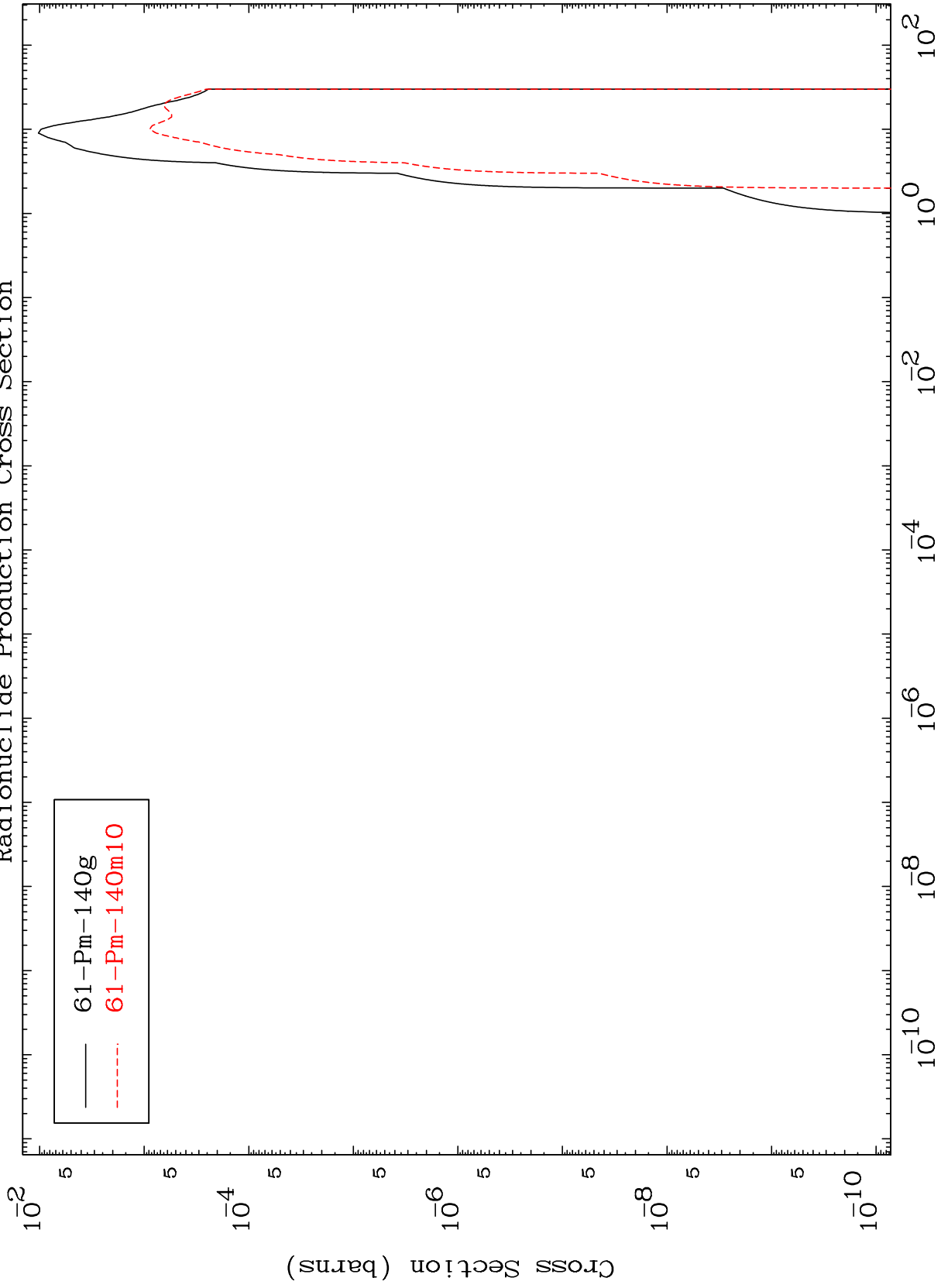
<sup>60</sup>Nd-139



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Radionuclide Production Cross Section  
(p,γ)

60-Nd-139



16

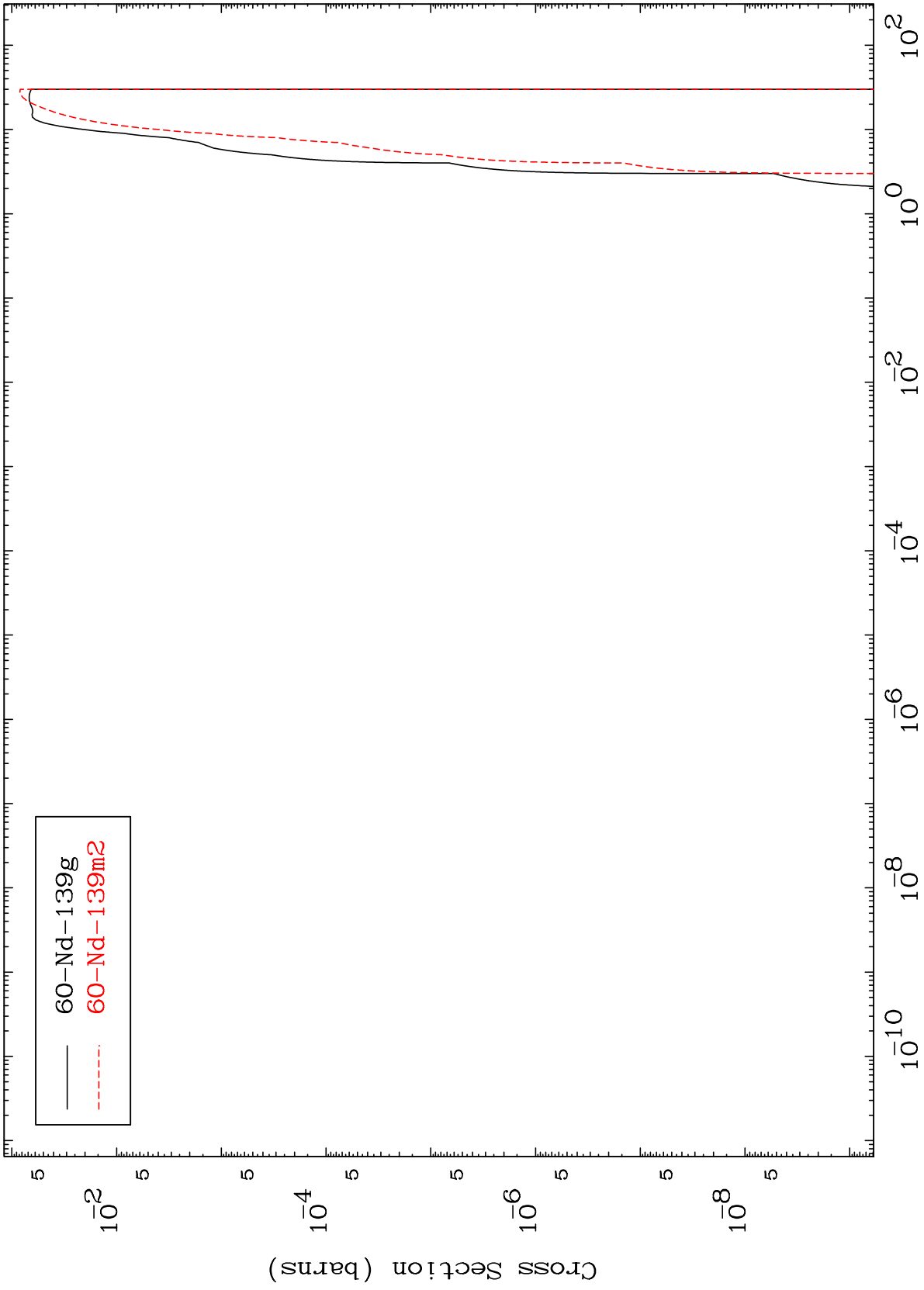
Incident Energy (MeV)

60-Nd-139

MAT 6016

Radionuclide Production Cross Section  
(p,p)

<sup>60</sup>Nd-139



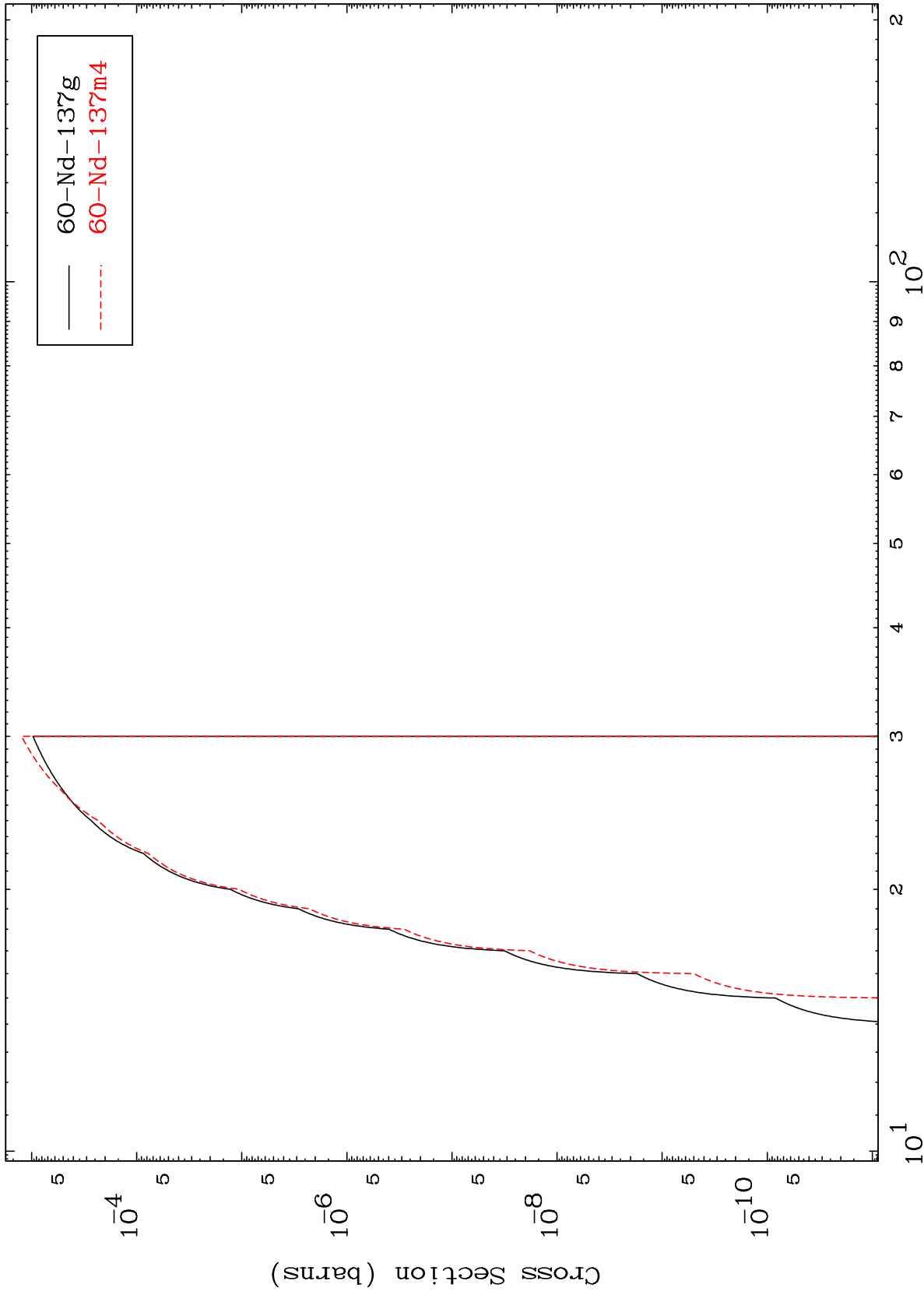
<sup>60</sup>Nd-139

MAT 6016

(p, t)

<sup>60</sup>Nd-139

Radionuclide Production Cross Section



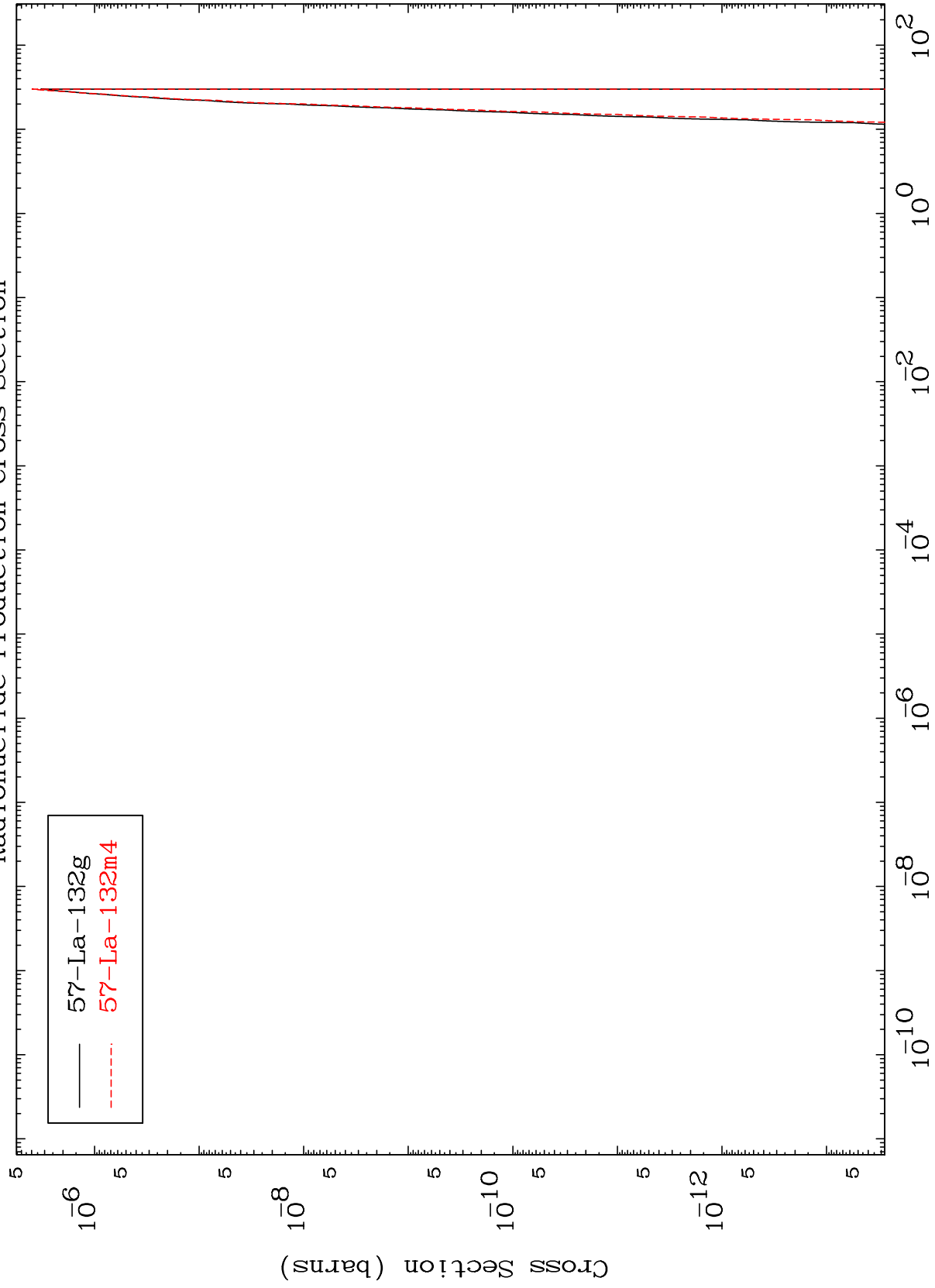
Incident Energy (MeV)

<sup>60</sup>Nd-139

MAT 6016

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

60-Nd-139



19

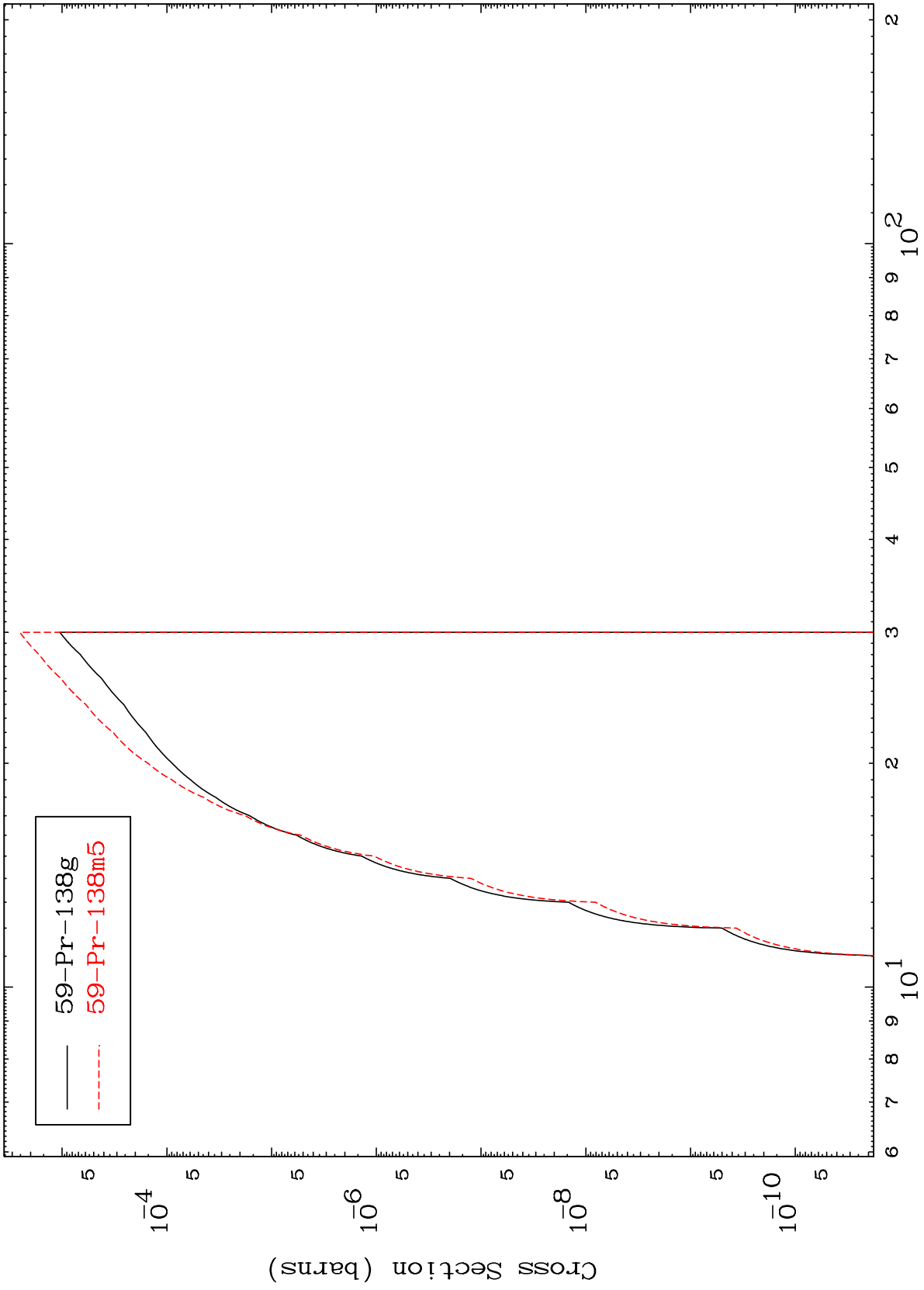
Incident Energy (MeV)

60-Nd-139

MAT 6016

60-Nd-139

Radionuclide Production Cross Section  
(p,2p)



20

Incident Energy (MeV)

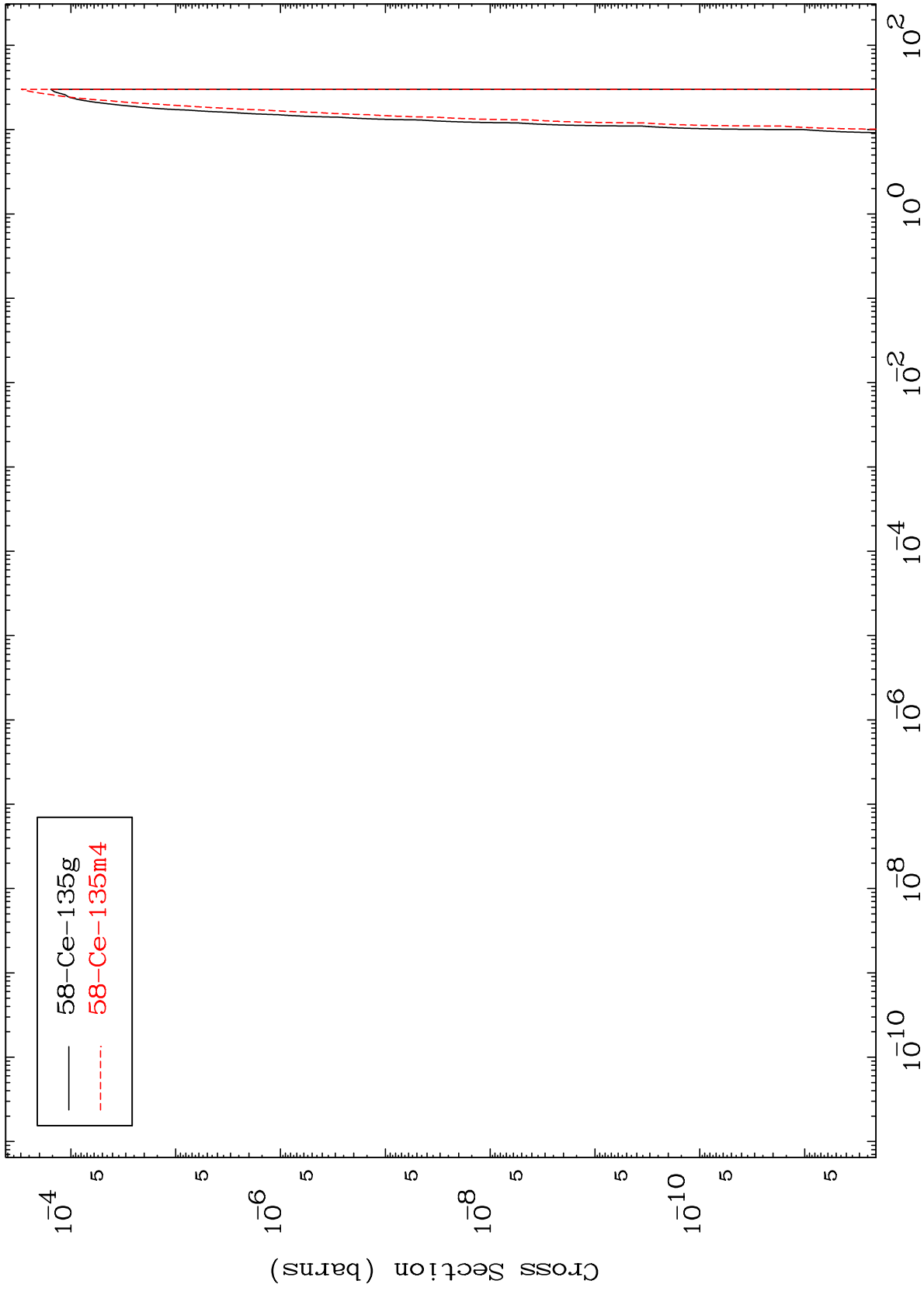
60-Nd-139

MAT 6016

(p,p)  $\alpha$

60-Nd-139

Radionuclide Production Cross Section



21

Incident Energy (MeV)

60-Nd-139