

Program EVALPLOT  
(Version 2018-1)

by

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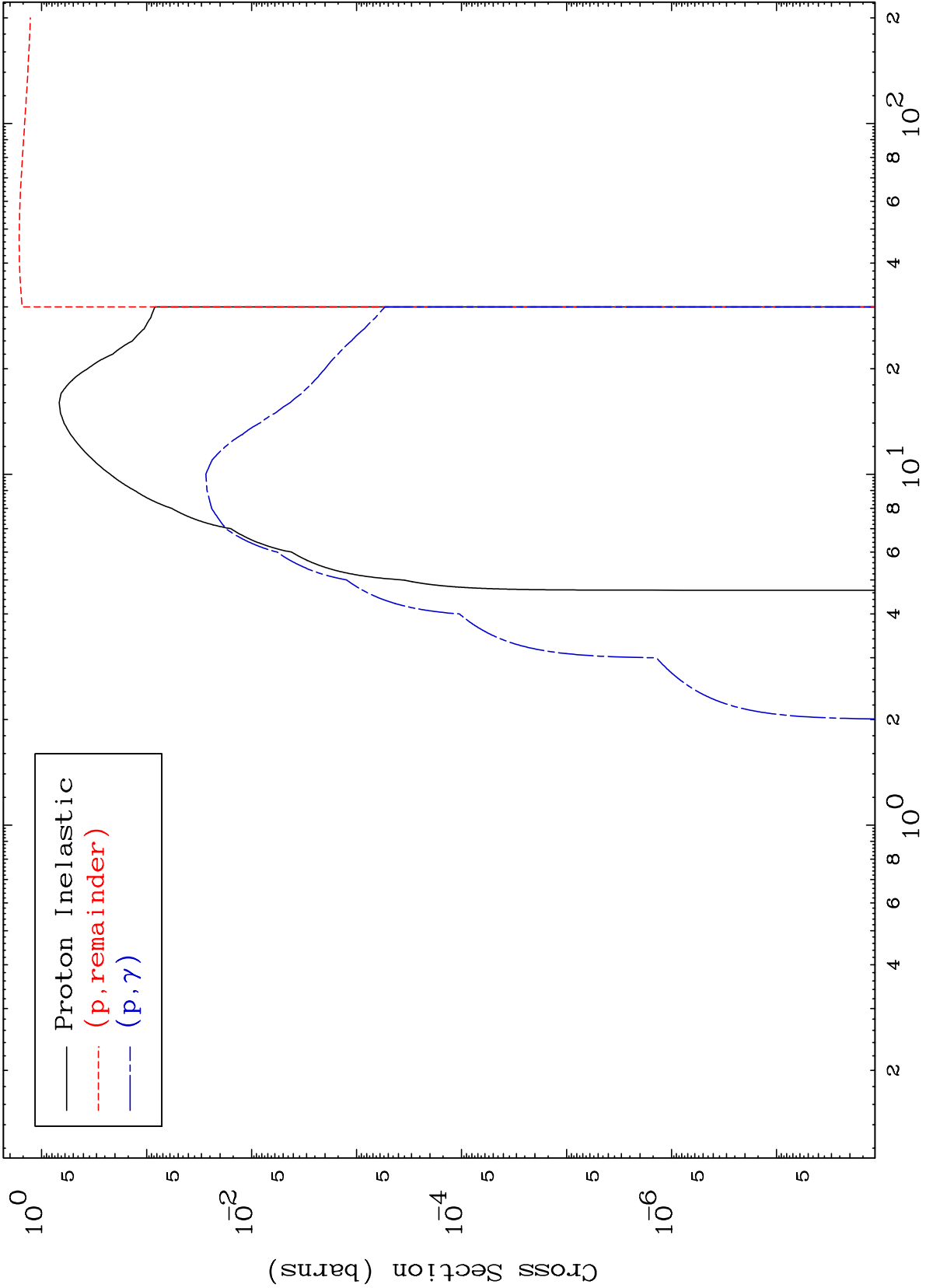
Press Mouse Button to Start

MAT 6304

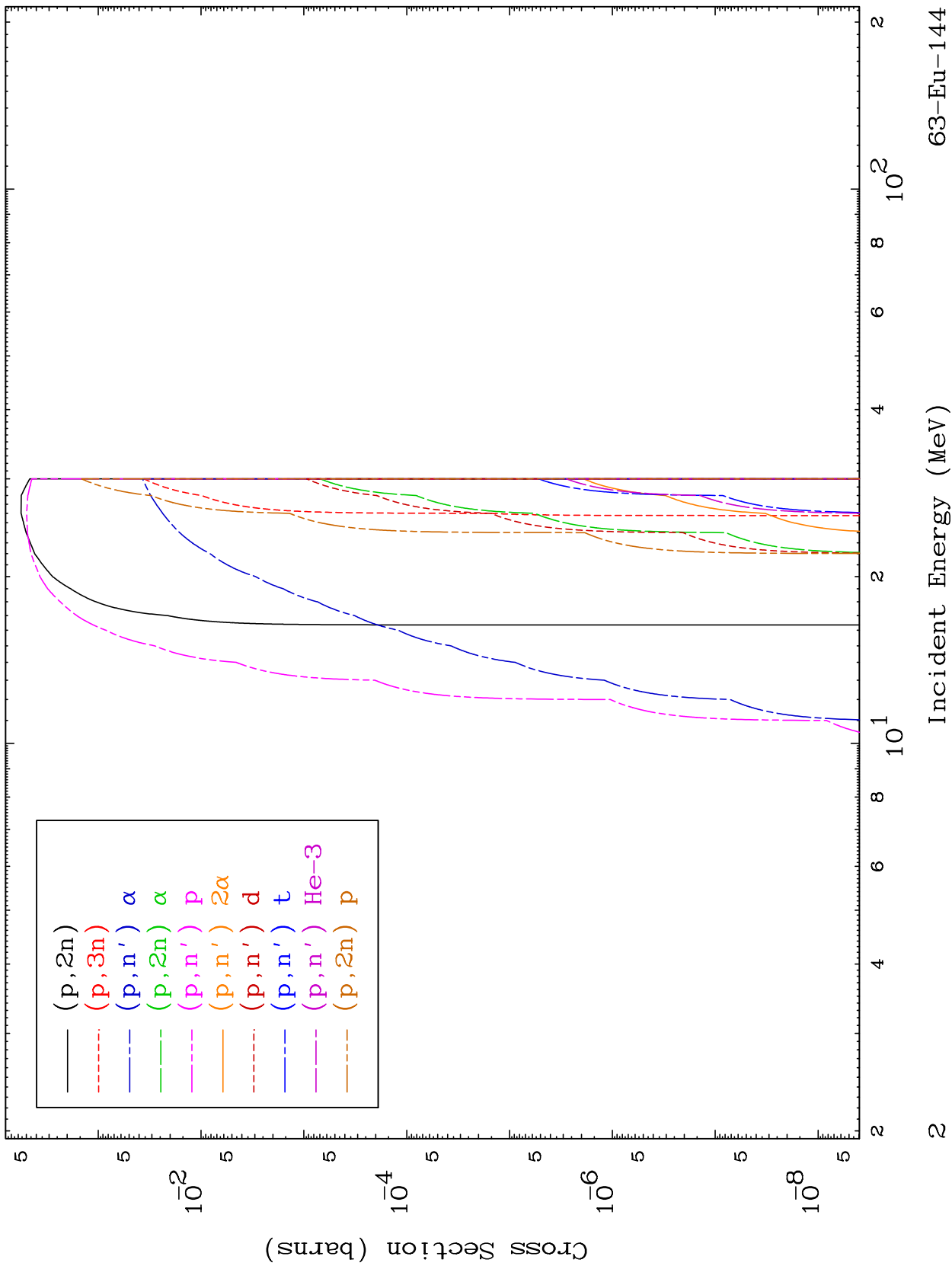
Proton Major

63-Eu-144

0 Kelvin Cross Sections



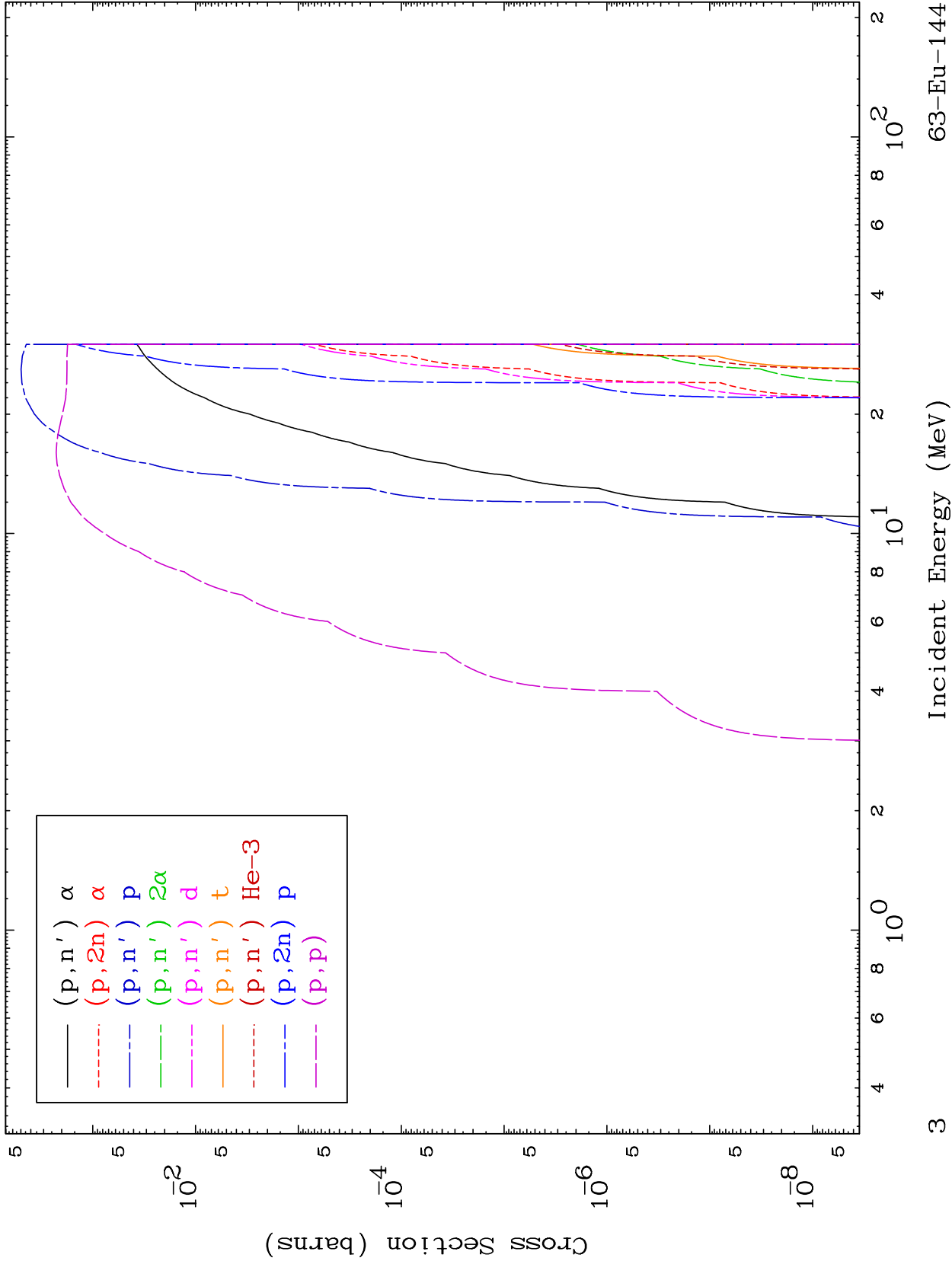
— Proton Inelastic  
- - - (p, remainder)  
- - - (p, γ)



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Proton Charged Particle  
0 Kelvin Cross Sections

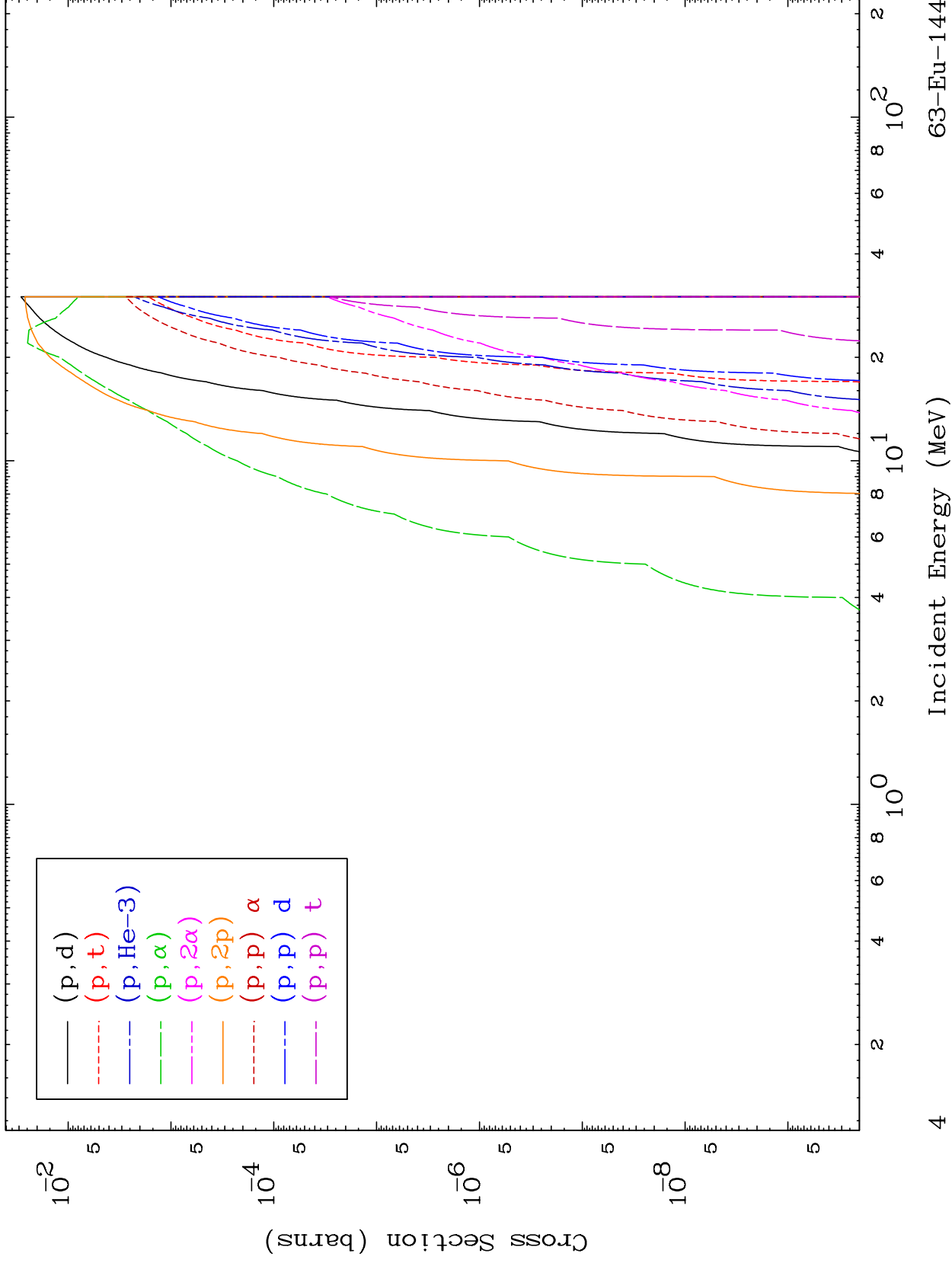
63-Eu-144



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Proton Charged Particle  
0 Kelvin Cross Sections

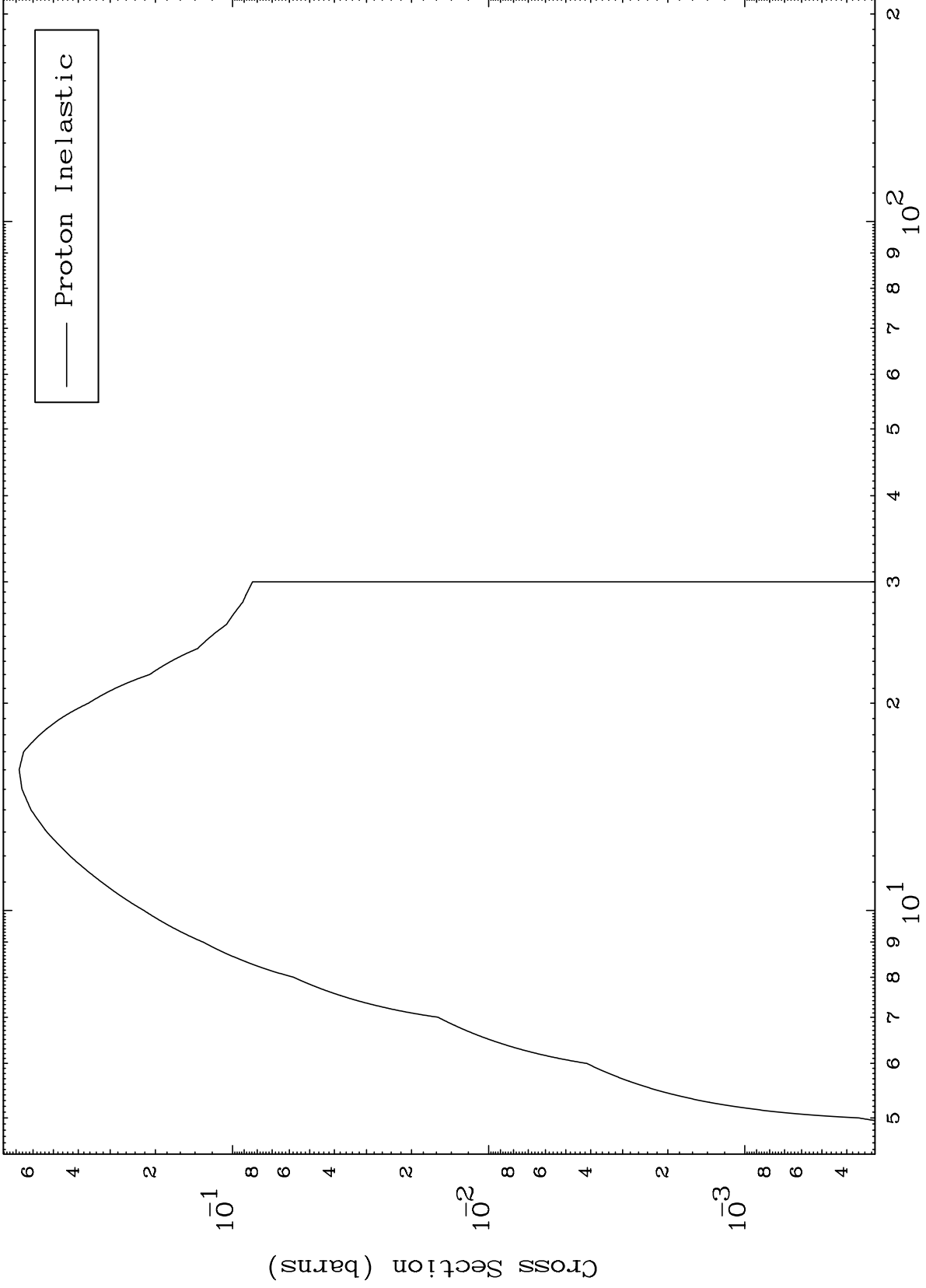
63-Eu-144



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63-Eu-144

(p,n') Level  
0 Kelvin Cross Sections



5

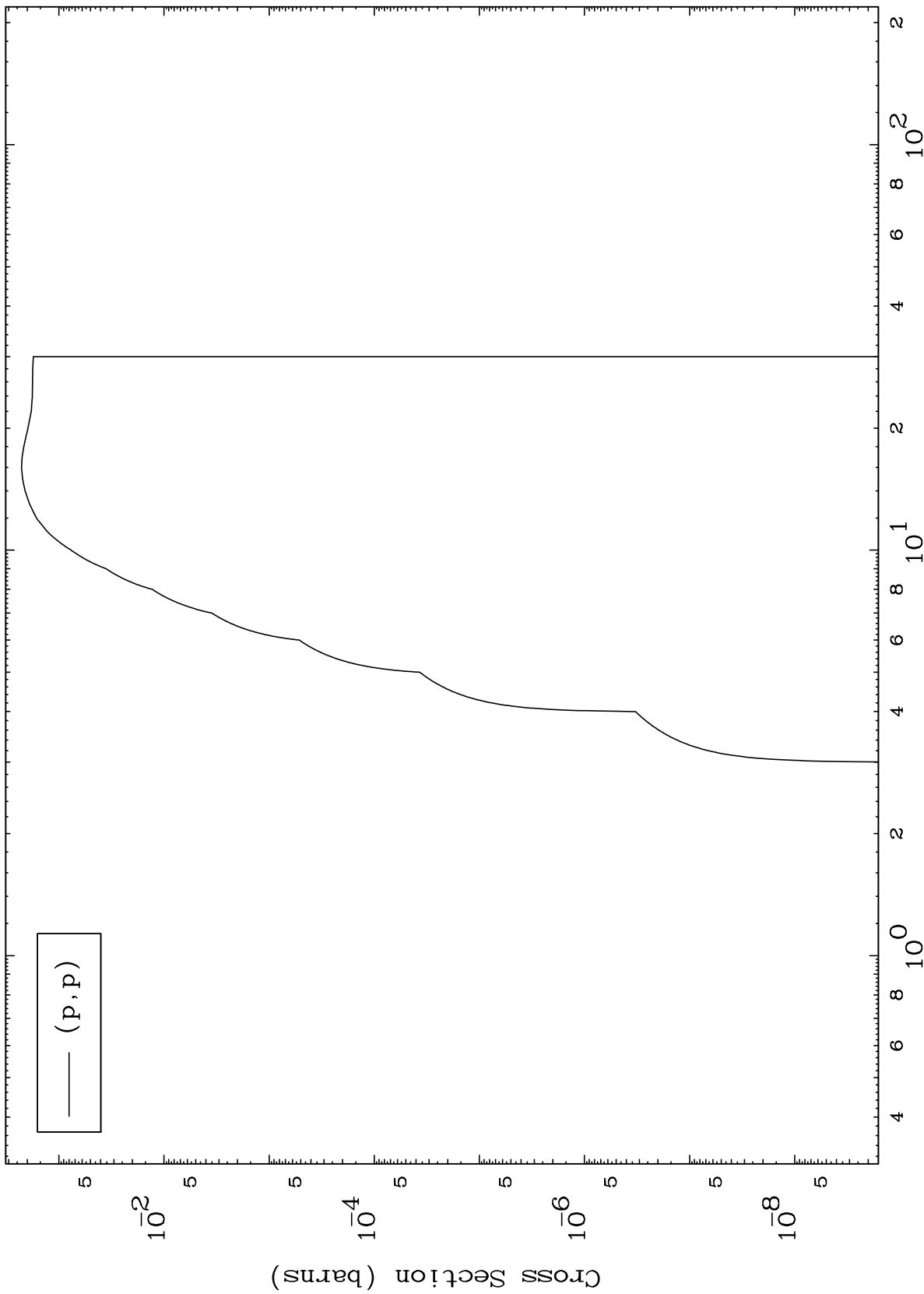
Incident Energy (MeV)

63-Eu-144

MAT 6304

63-Eu-144

(p,p) Levels  
0 Kelvin Cross Sections



63-Eu-144

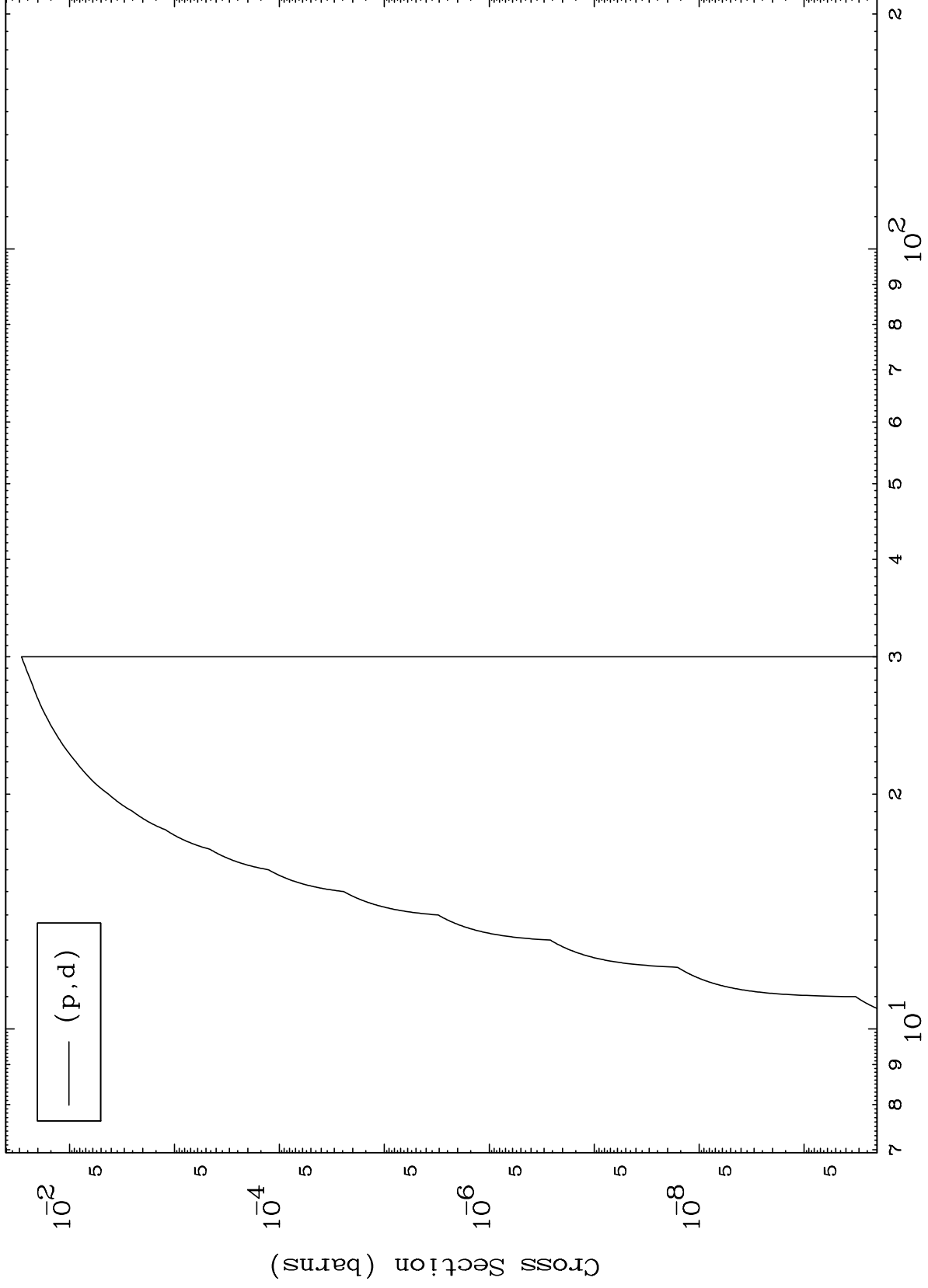
Incident Energy (MeV)

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(p,d) Levels  
0 Kelvin Cross Sections

63-Eu-144

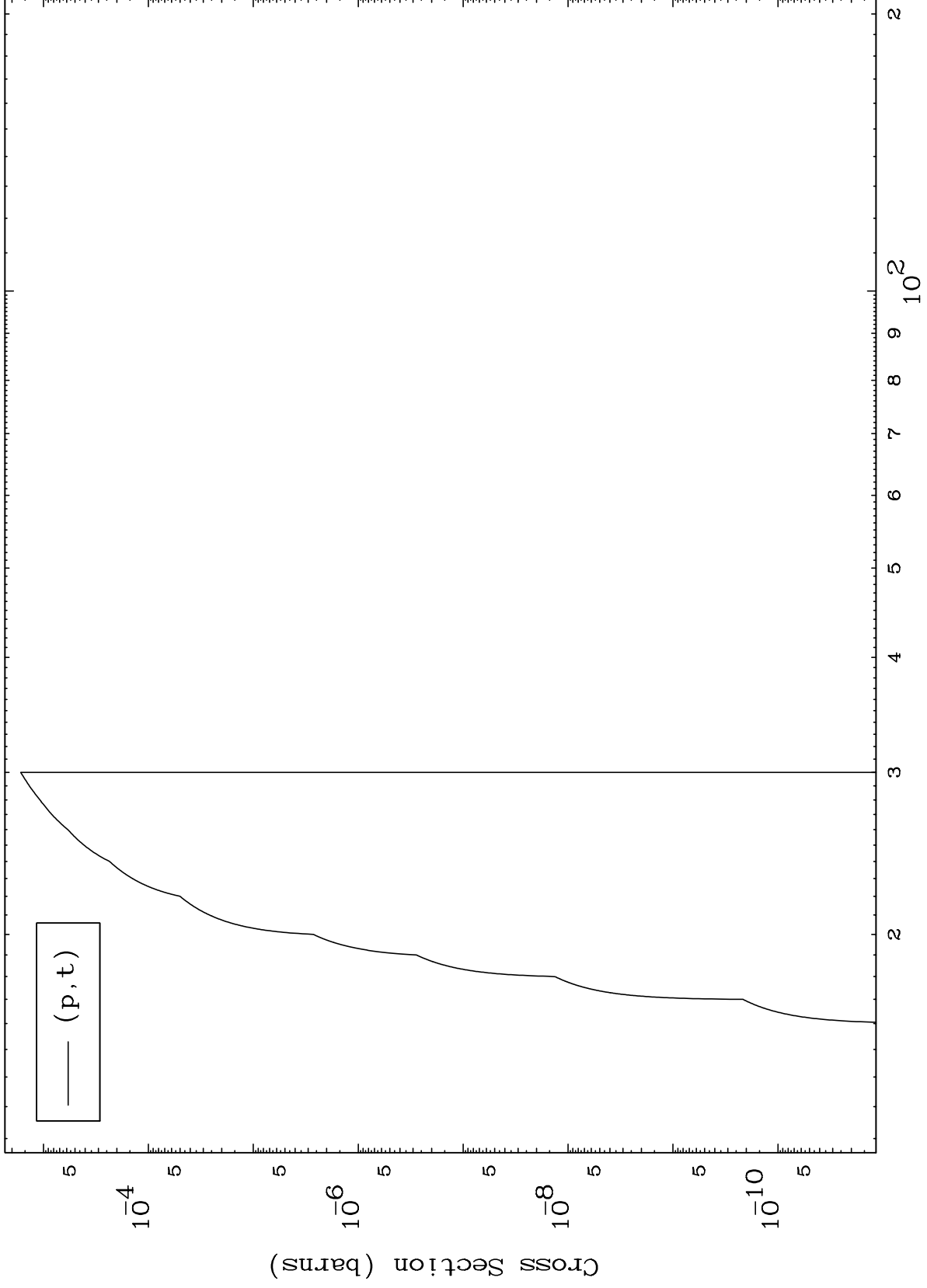


7

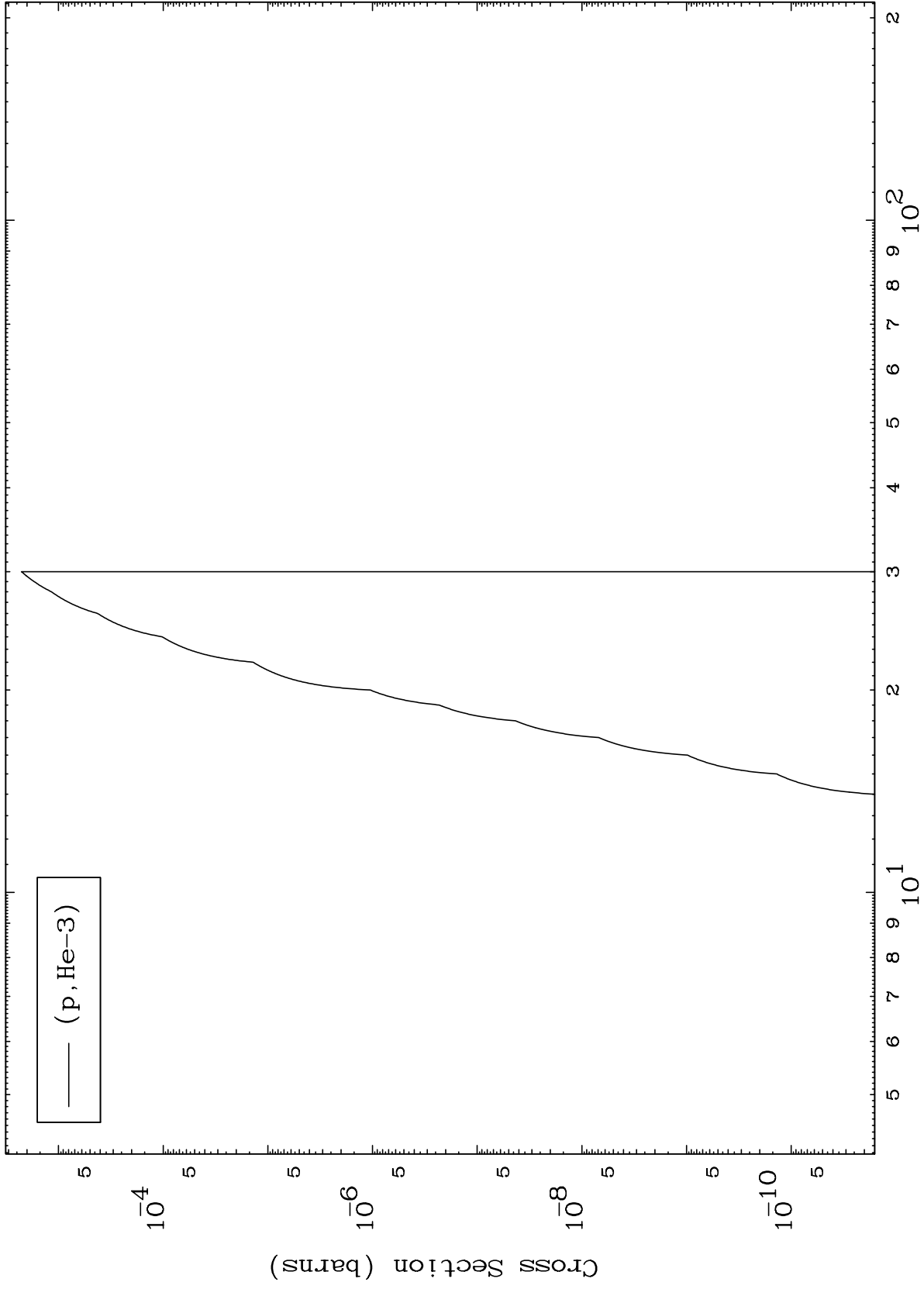
Incident Energy (MeV)

63-Eu-144





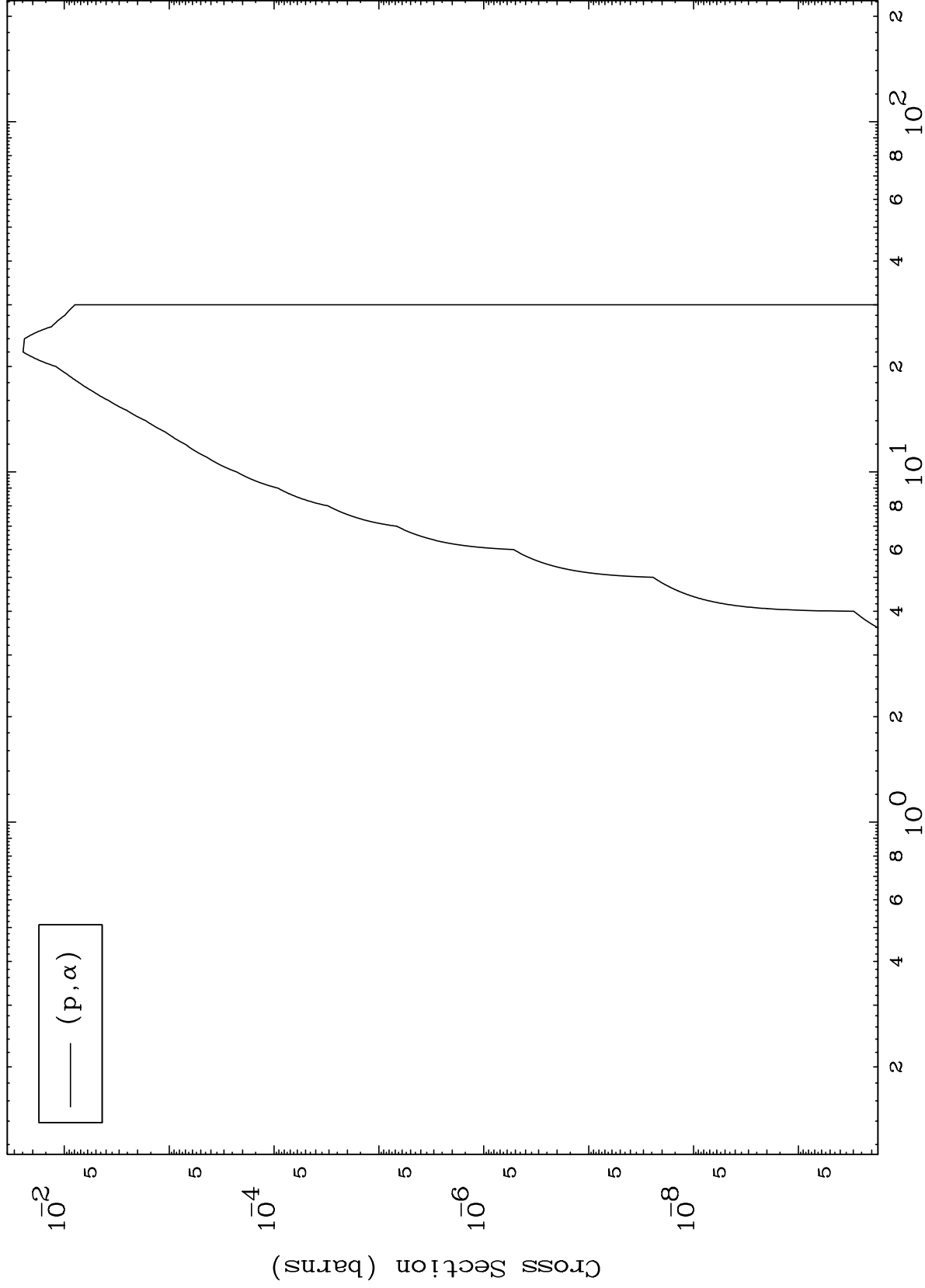
(p,He3) Levels  
0 Kelvin Cross Sections



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

63-Eu-144



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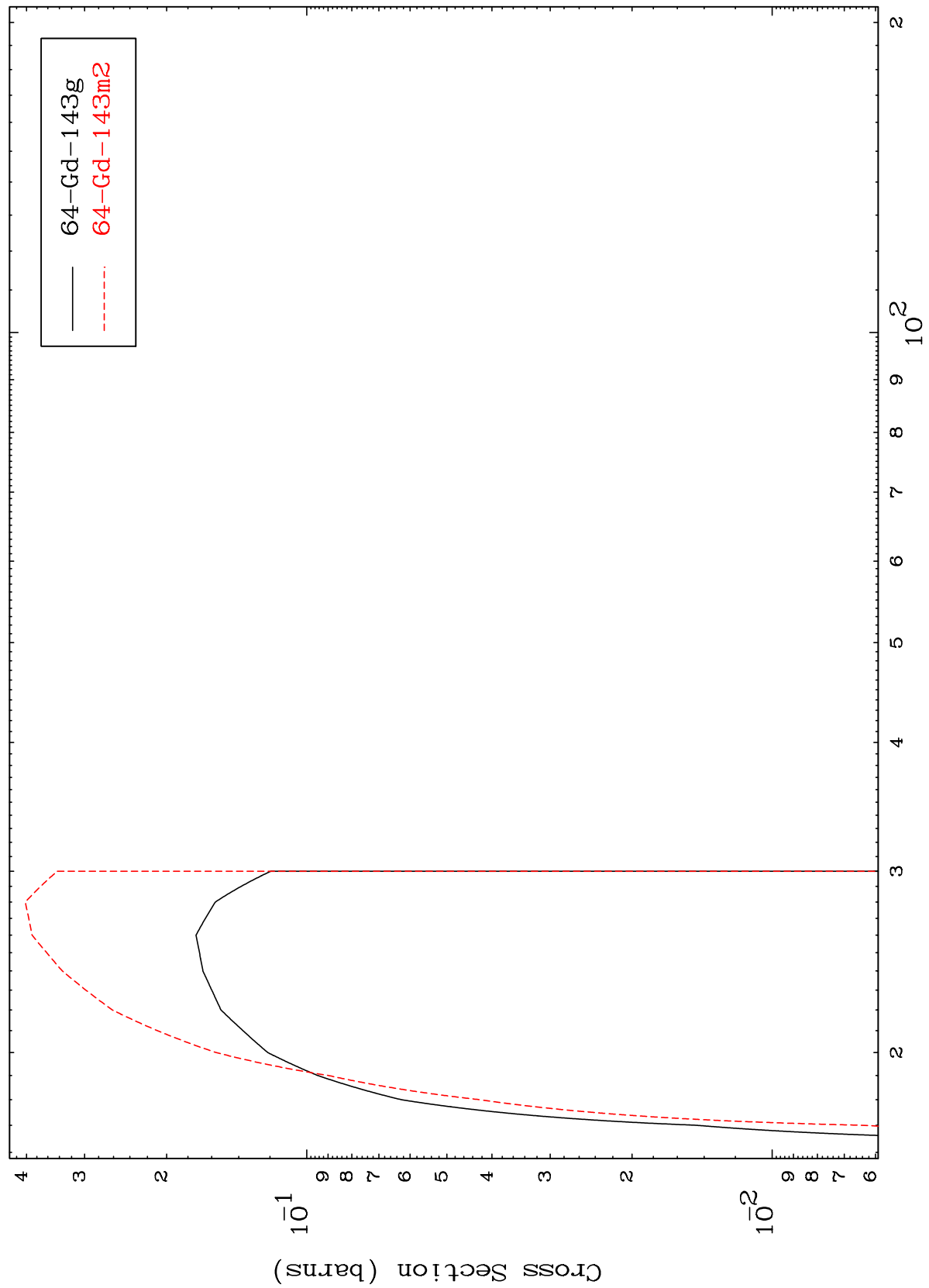
Incident Energy (MeV)

63-Eu-144

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63-Eu-144

(p,2n)  
Radionuclide Production Cross Section



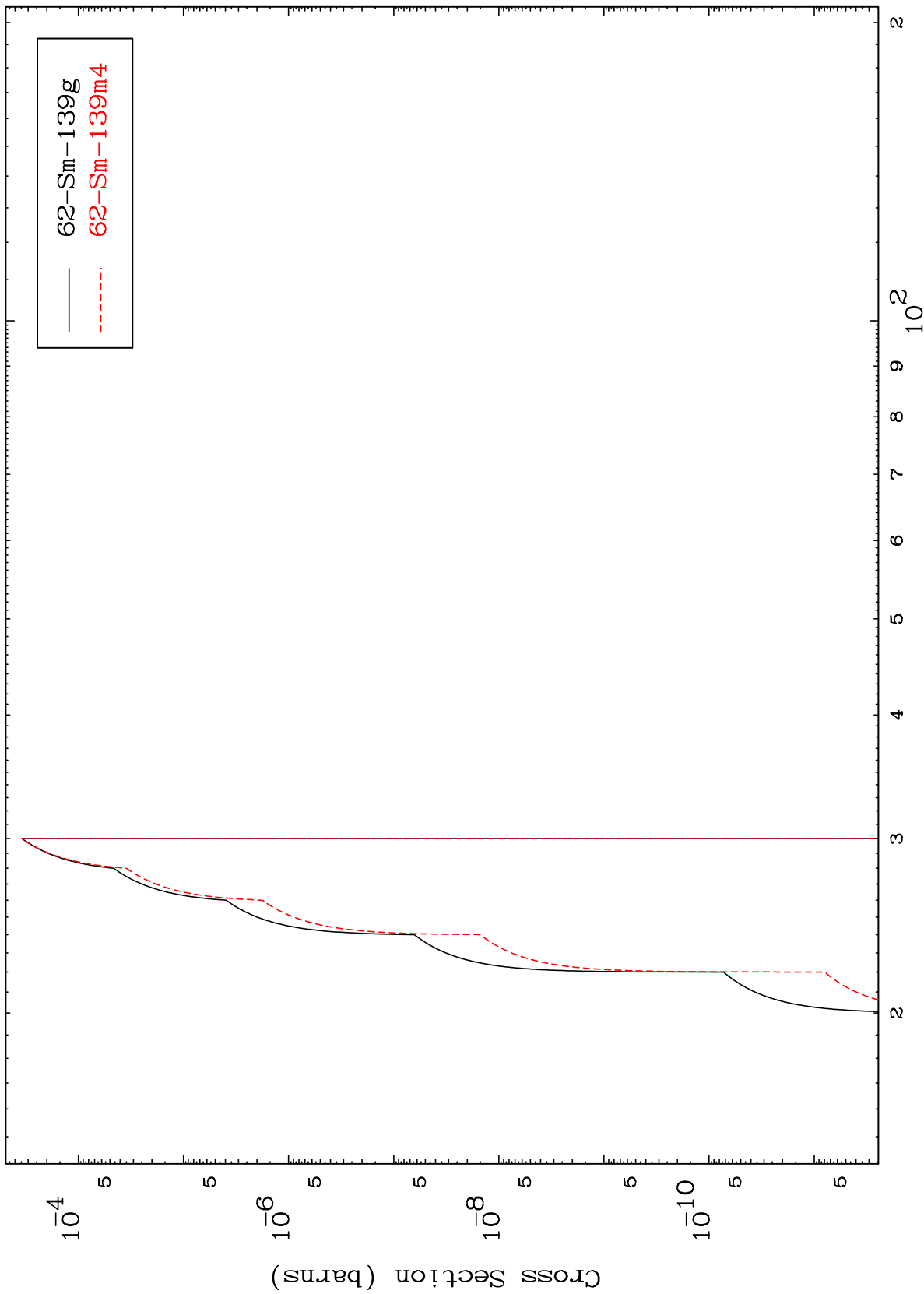
64-Gd-143g  
64-Gd-143m2

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(p,2n)  $\alpha$

63-Eu-144

Radionuclide Production Cross Section



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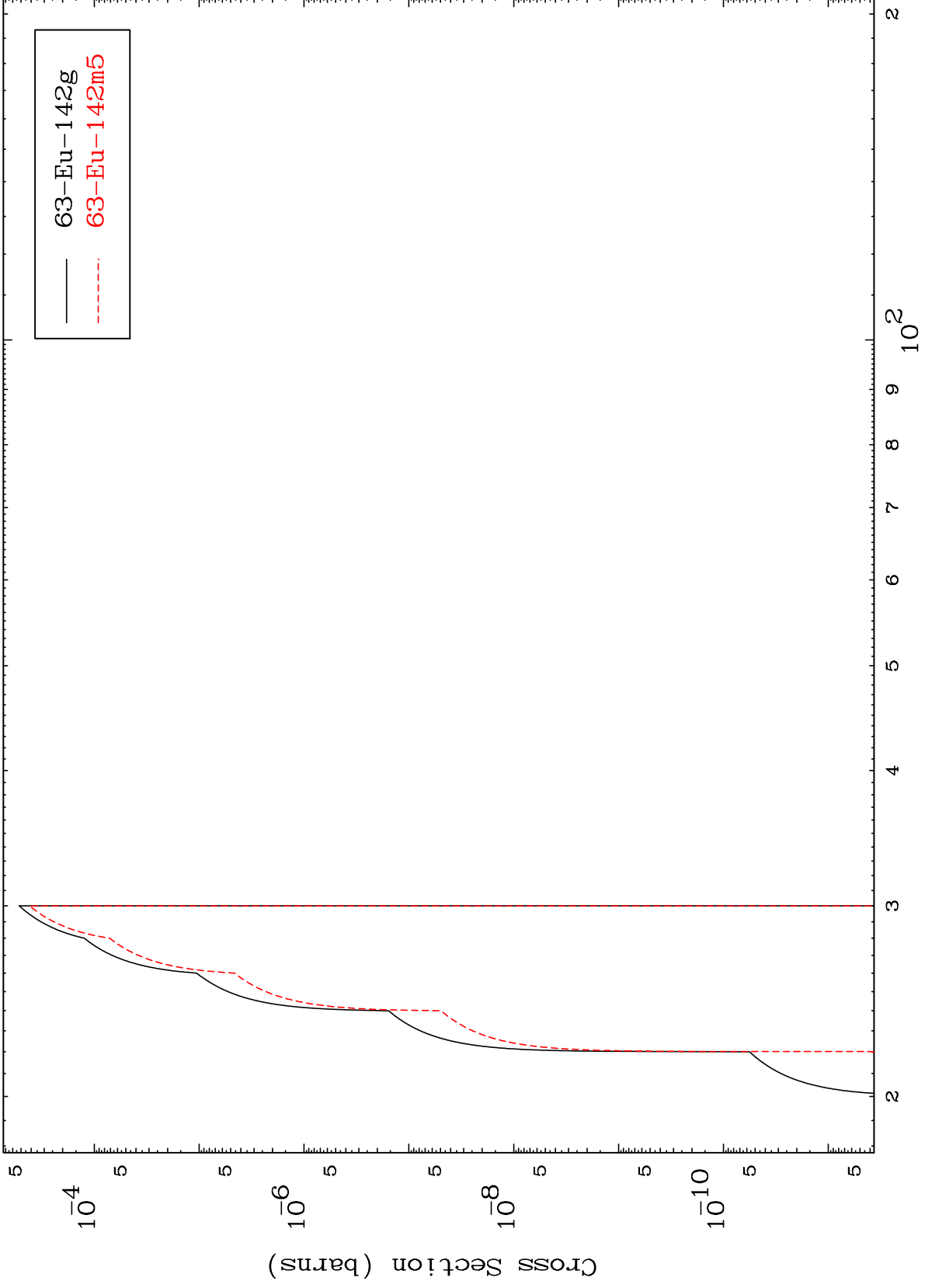
Incident Energy (MeV)

63-Eu-144

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63-Eu-144

(p,n') d  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

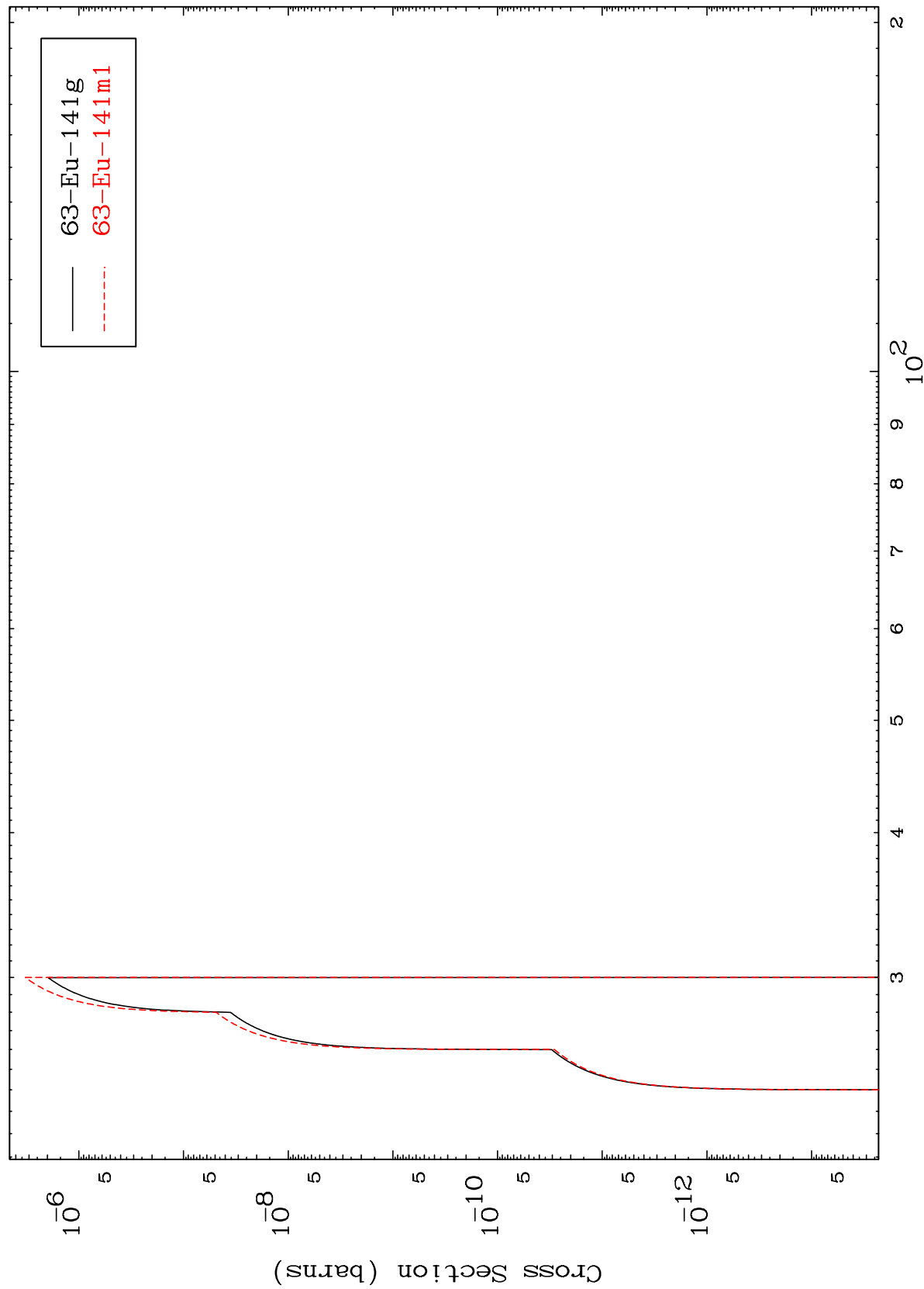
63-Eu-144

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(p,n') t

63-Eu-144

Radionuclide Production Cross Section



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

14

Incident Energy (MeV)

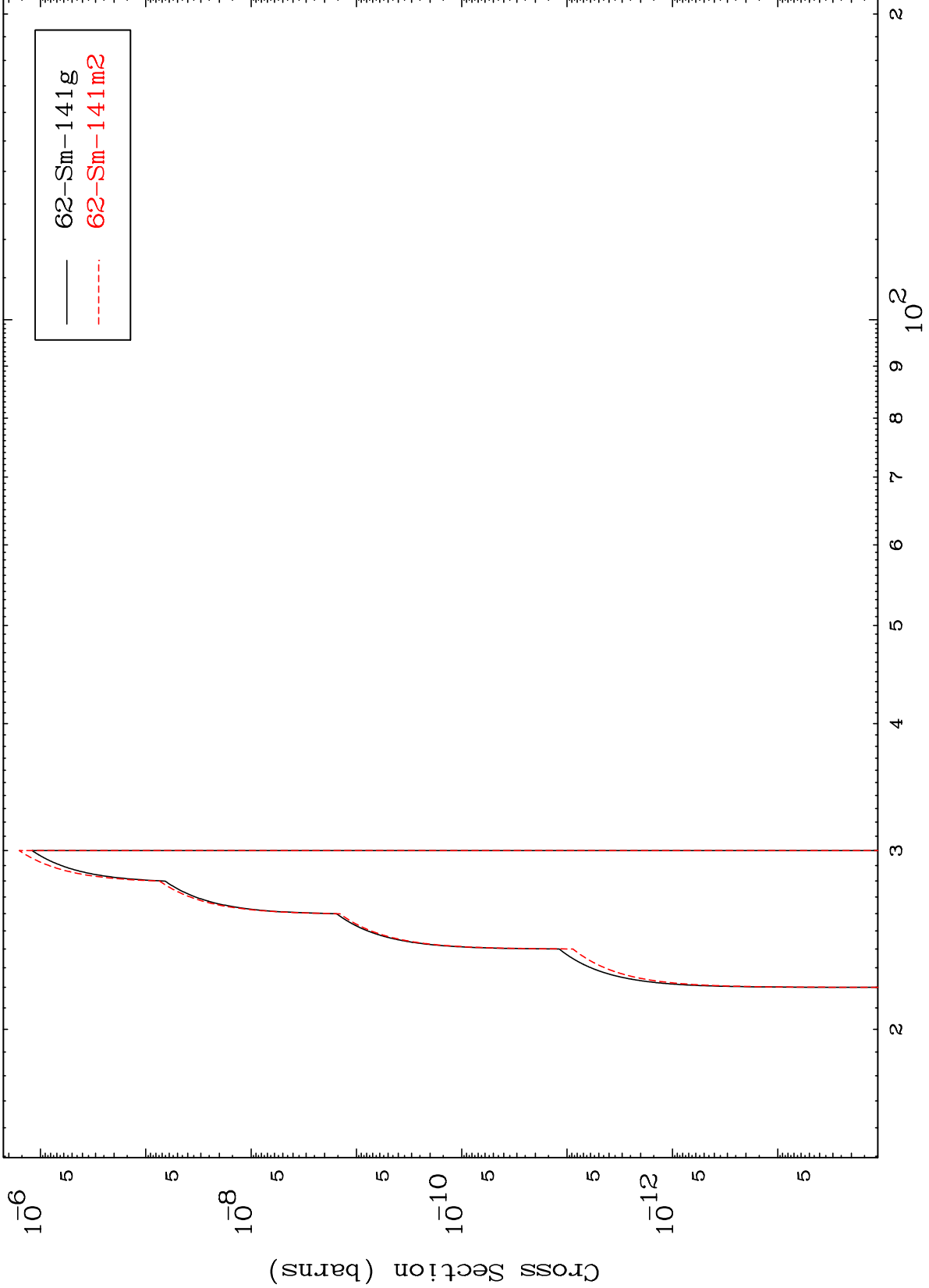
63-Eu-144

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(p,n') He-3

63-Eu-144

Radionuclide Production Cross Section



15

Incident Energy (MeV)

63-Eu-144

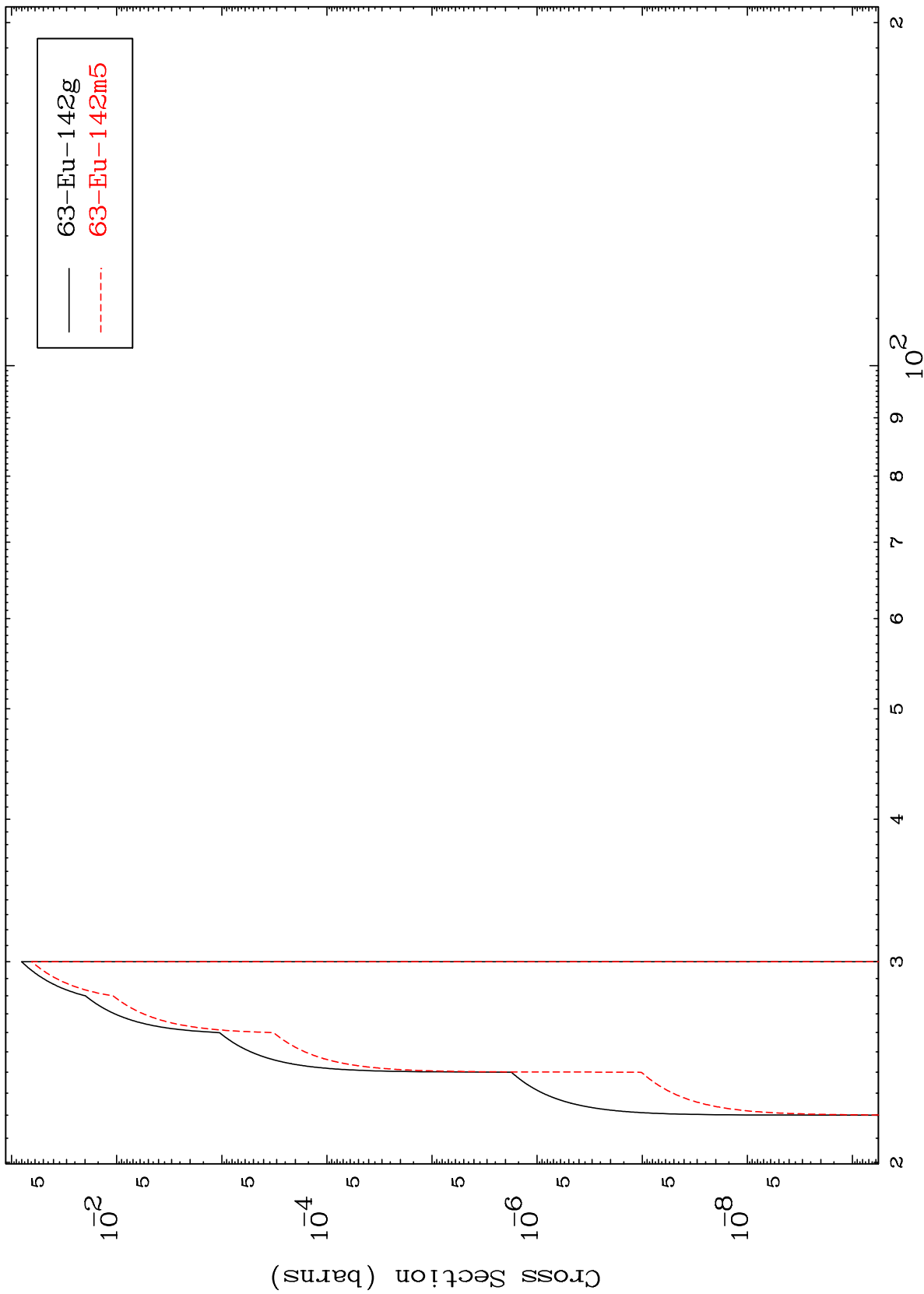


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(p,2n) p

63-Eu-144

Radionuclide Production Cross Section



16

Incident Energy (MeV)

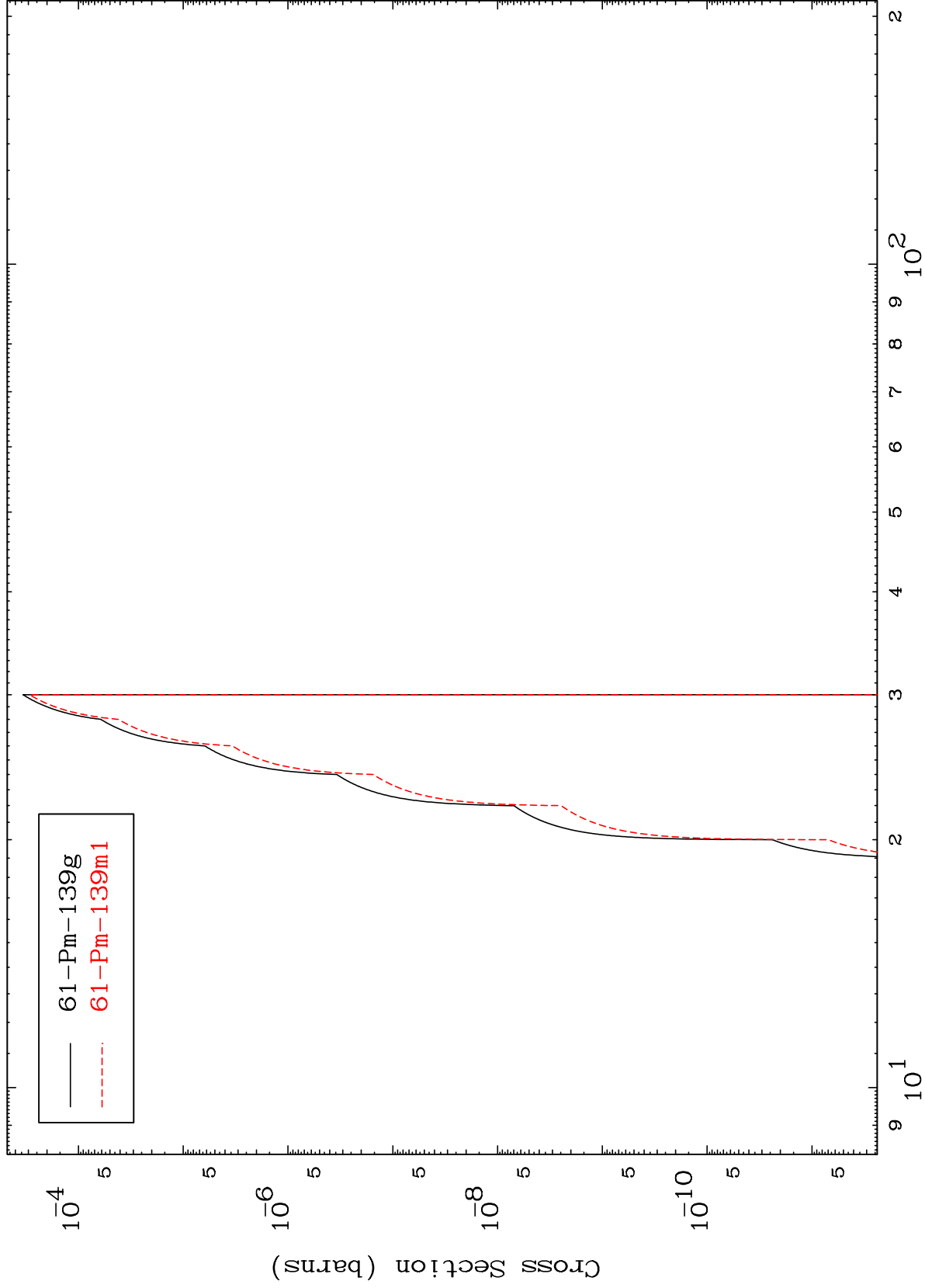
63-Eu-144

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(p,n') p  $\alpha$

63-Eu-144

Radionuclide Production Cross Section



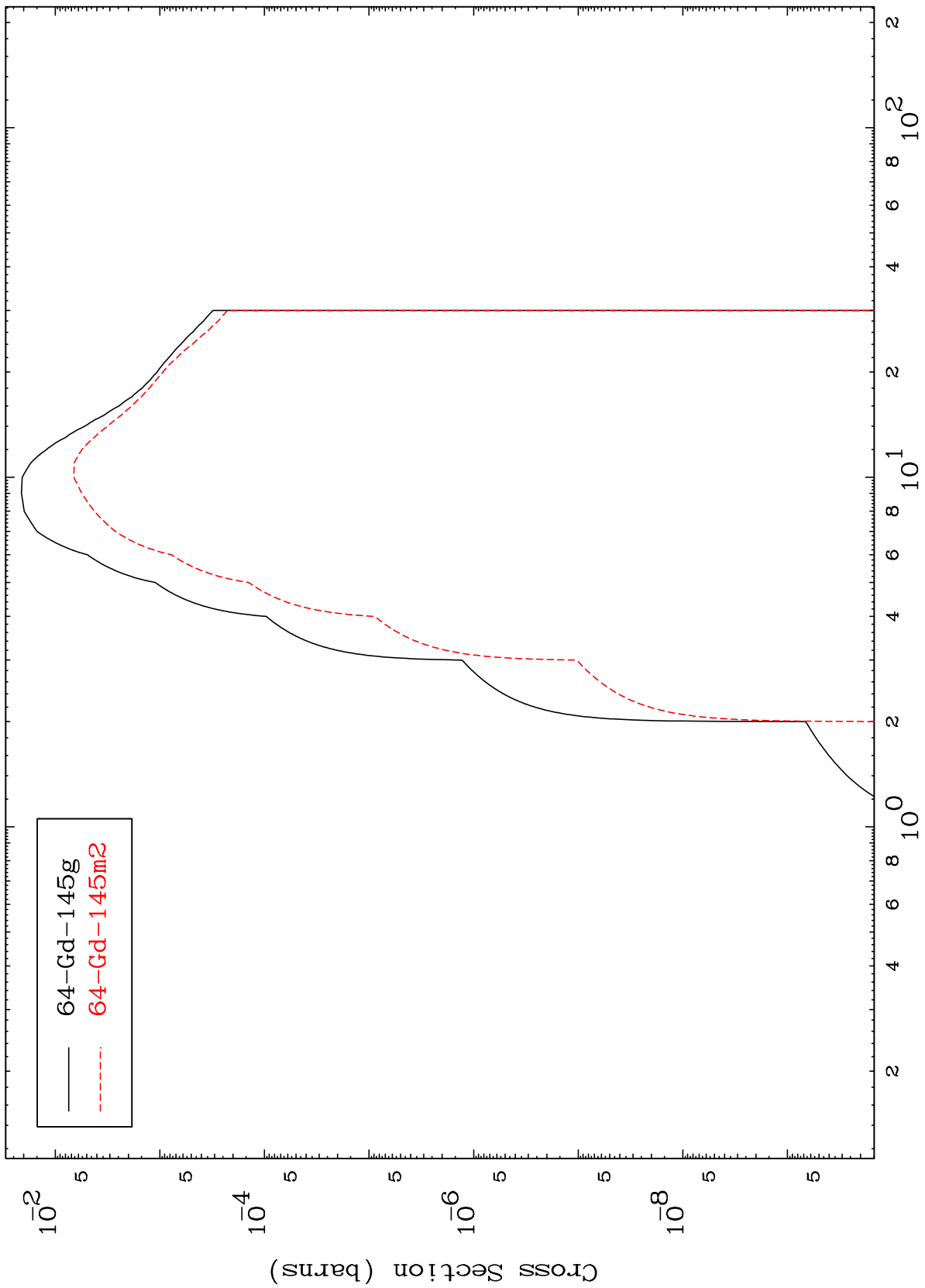
63-Eu-144

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63-Eu-144

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



64-Gd-145g  
64-Gd-145m2

63-Eu-144

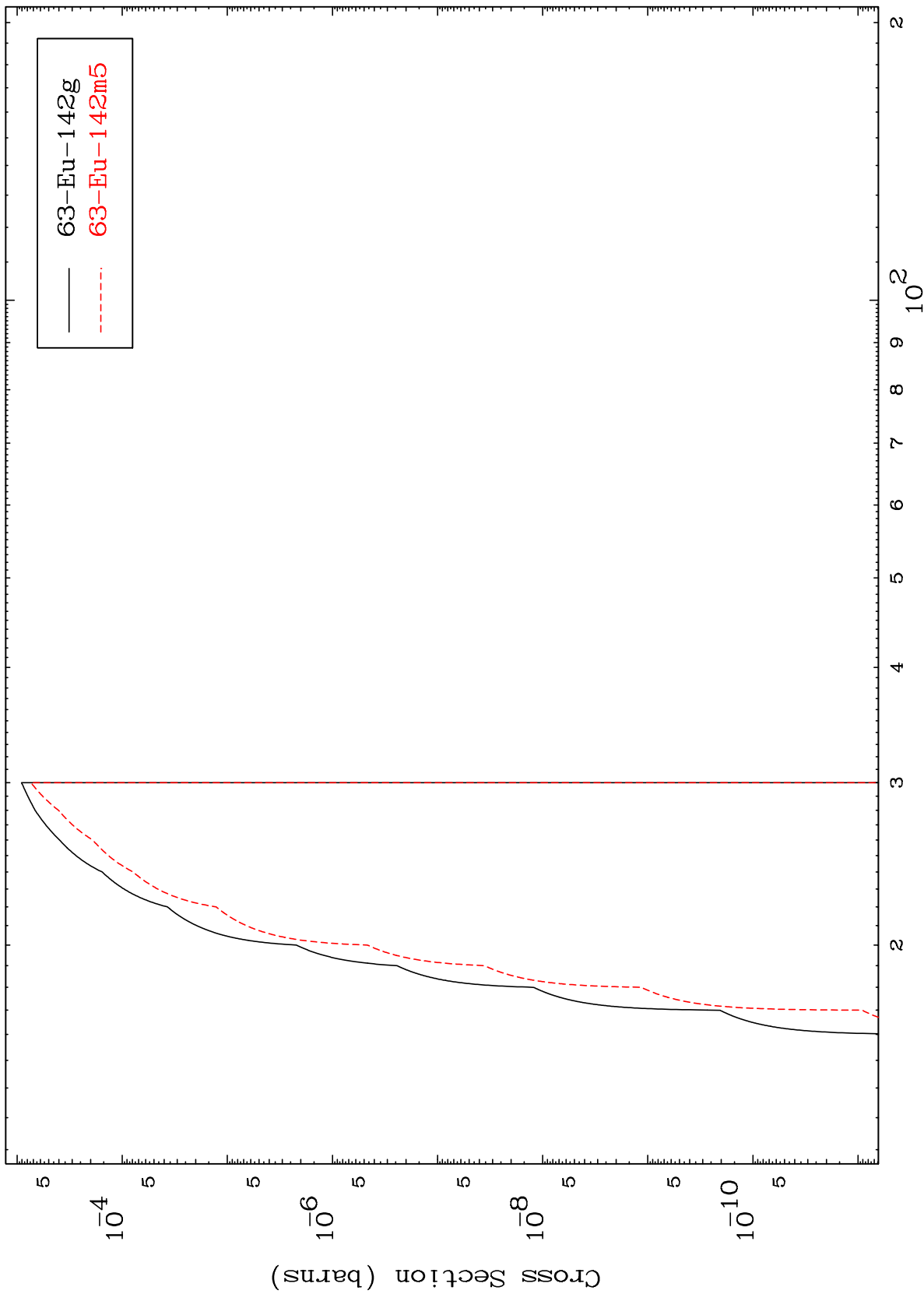
Incident Energy (MeV)

18

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63-Eu-144

(p, t)  
Radionuclide Production Cross Section



19

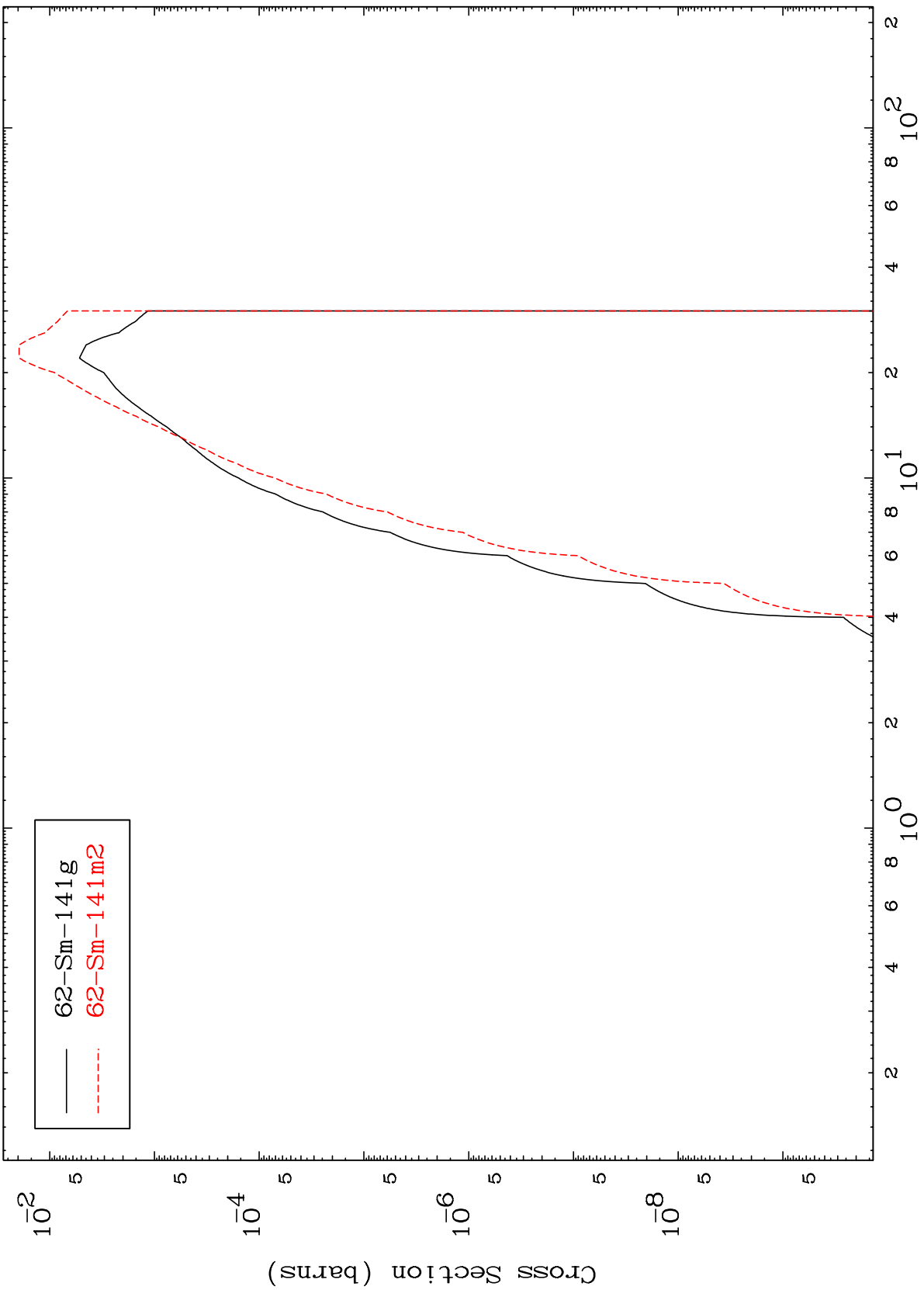
63-Eu-144

Incident Energy (MeV)

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63-Eu-144

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

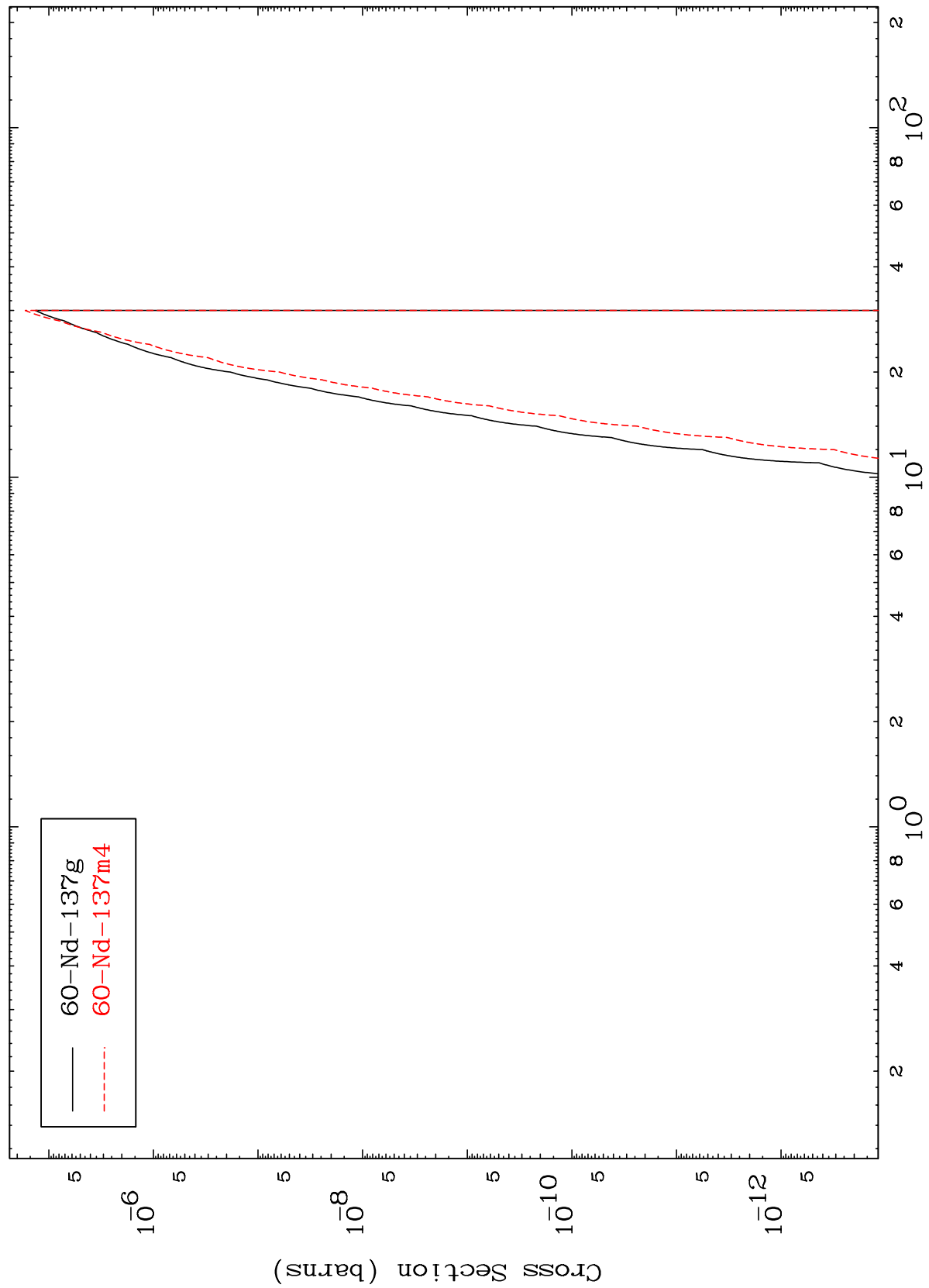


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(p,2 $\alpha$ )

63-Eu-144

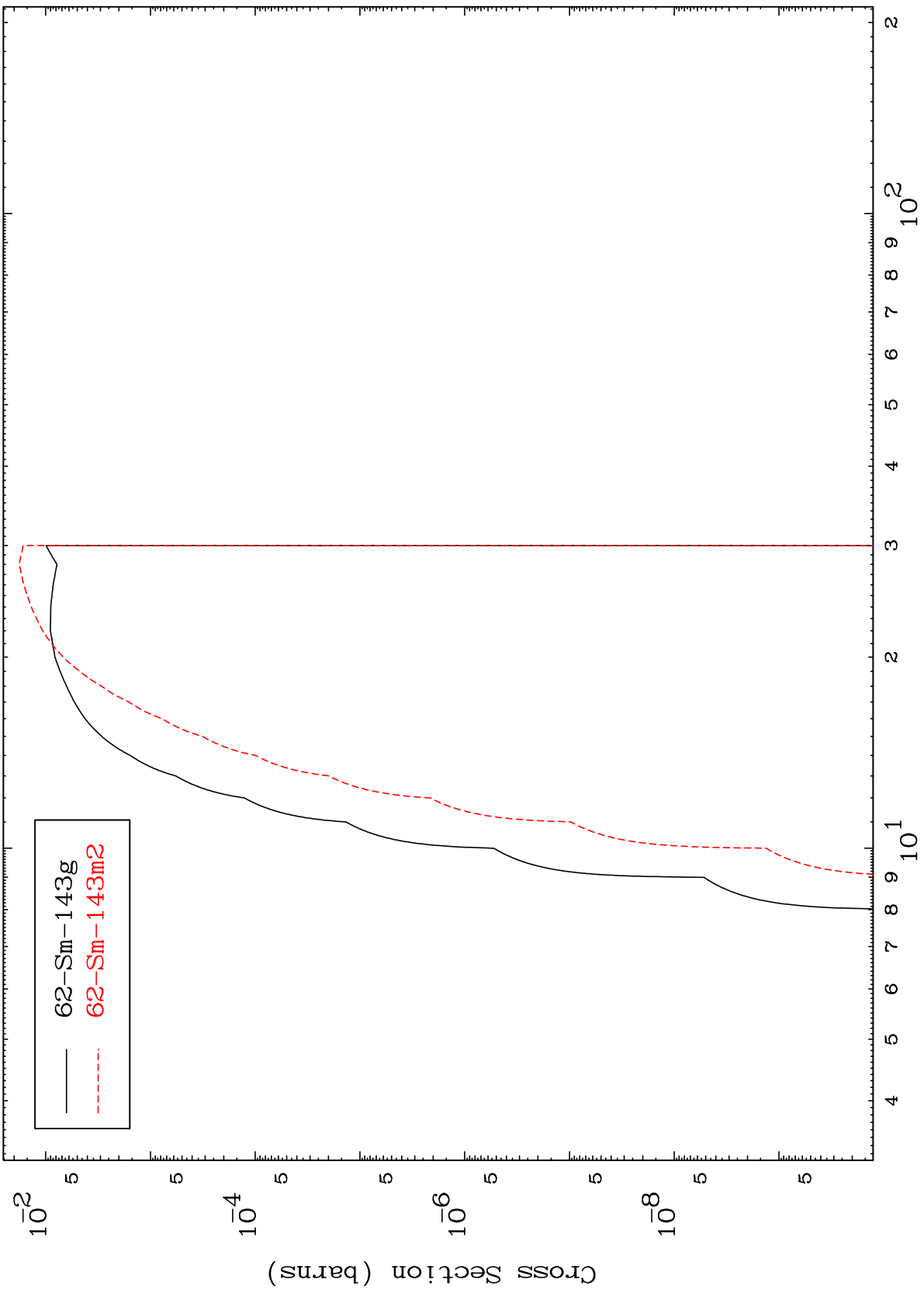
Radionuclide Production Cross Section



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63-Eu-144

(p,2p)  
Radionuclide Production Cross Section



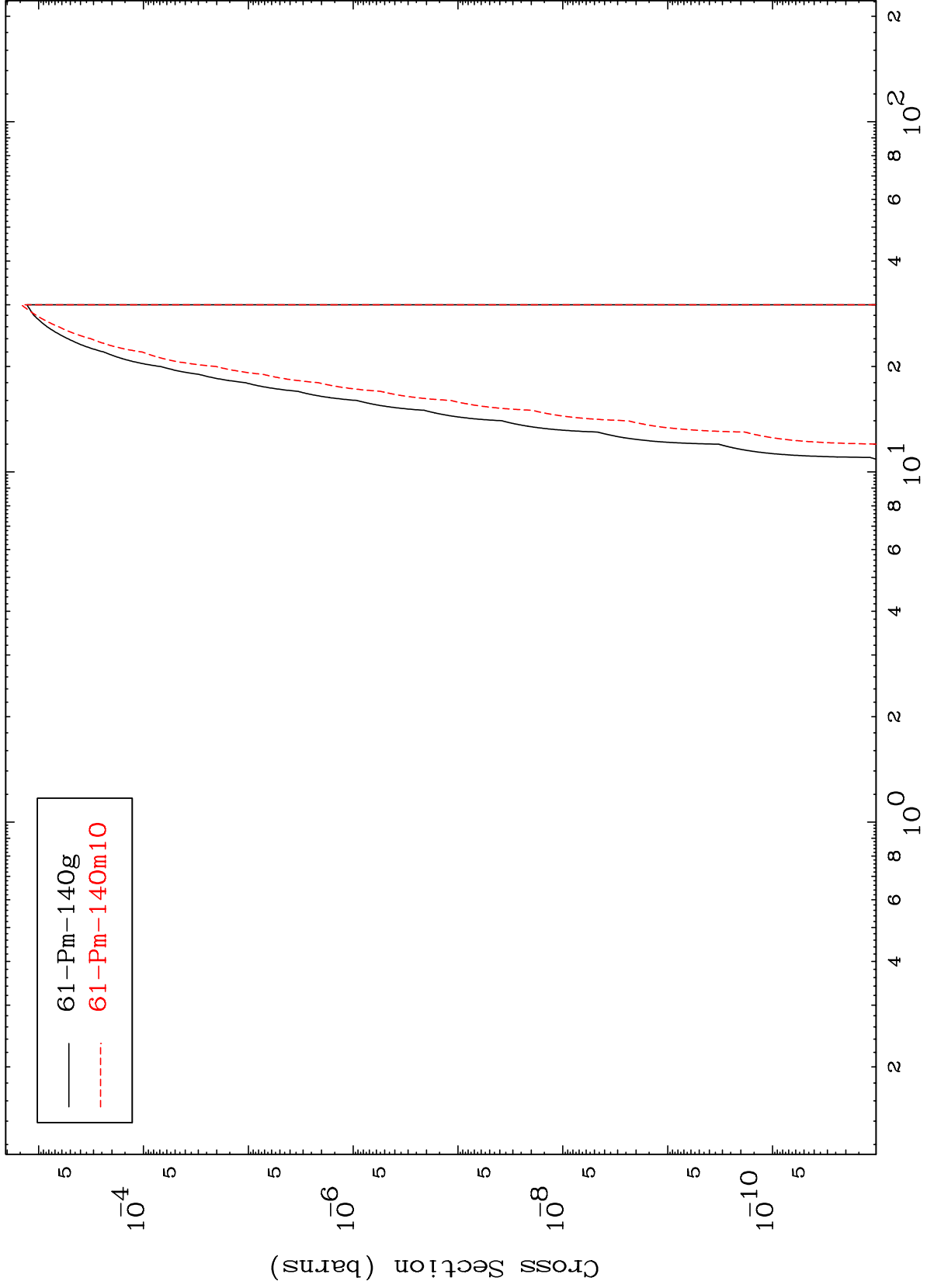
— 62-Sm-143g  
- - - 62-Sm-143m2

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(p,p)  $\alpha$

63-Eu-144

Radionuclide Production Cross Section



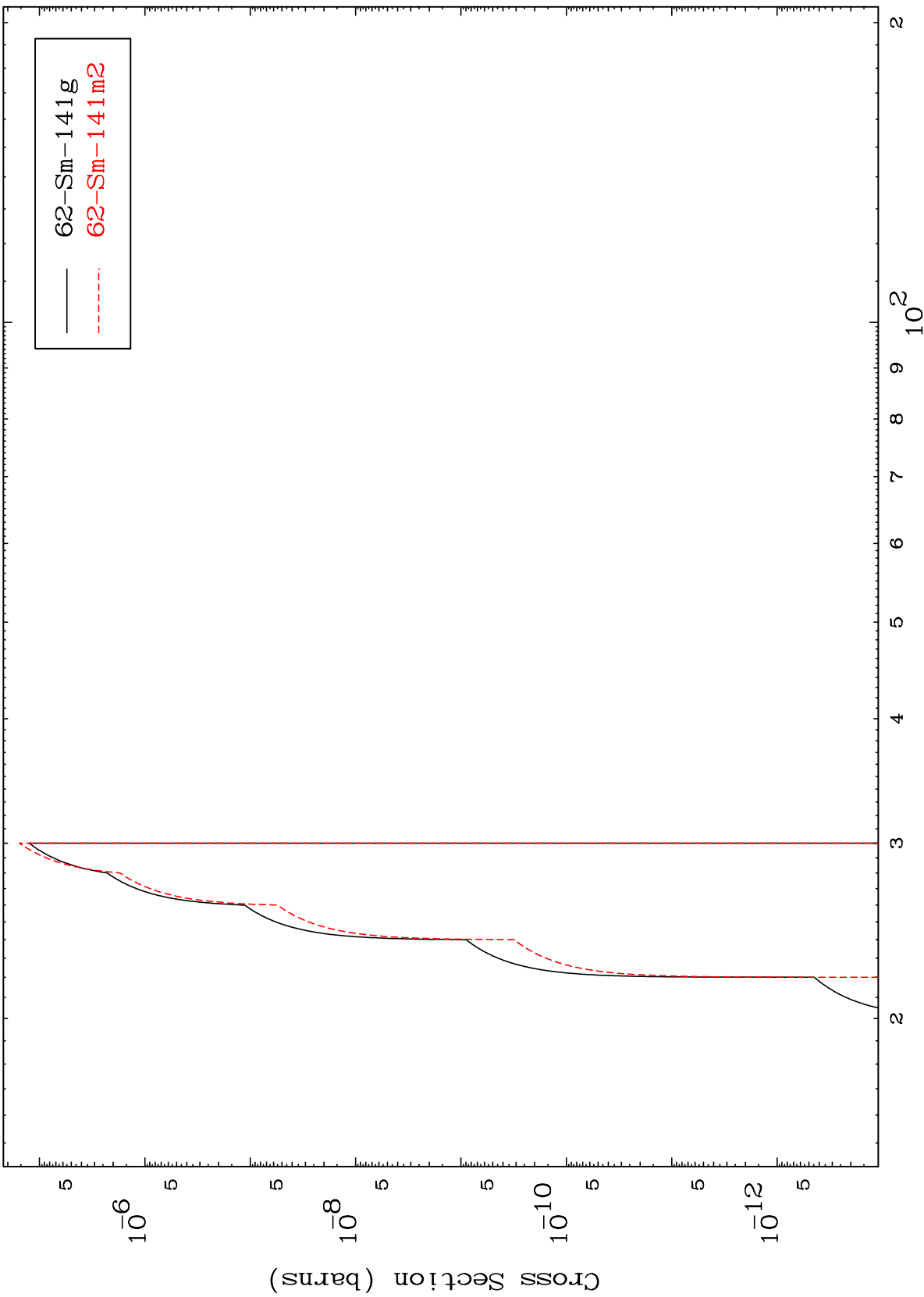


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(p,p) t

63-Eu-144

Radionuclide Production Cross Section



24

Incident Energy (MeV)

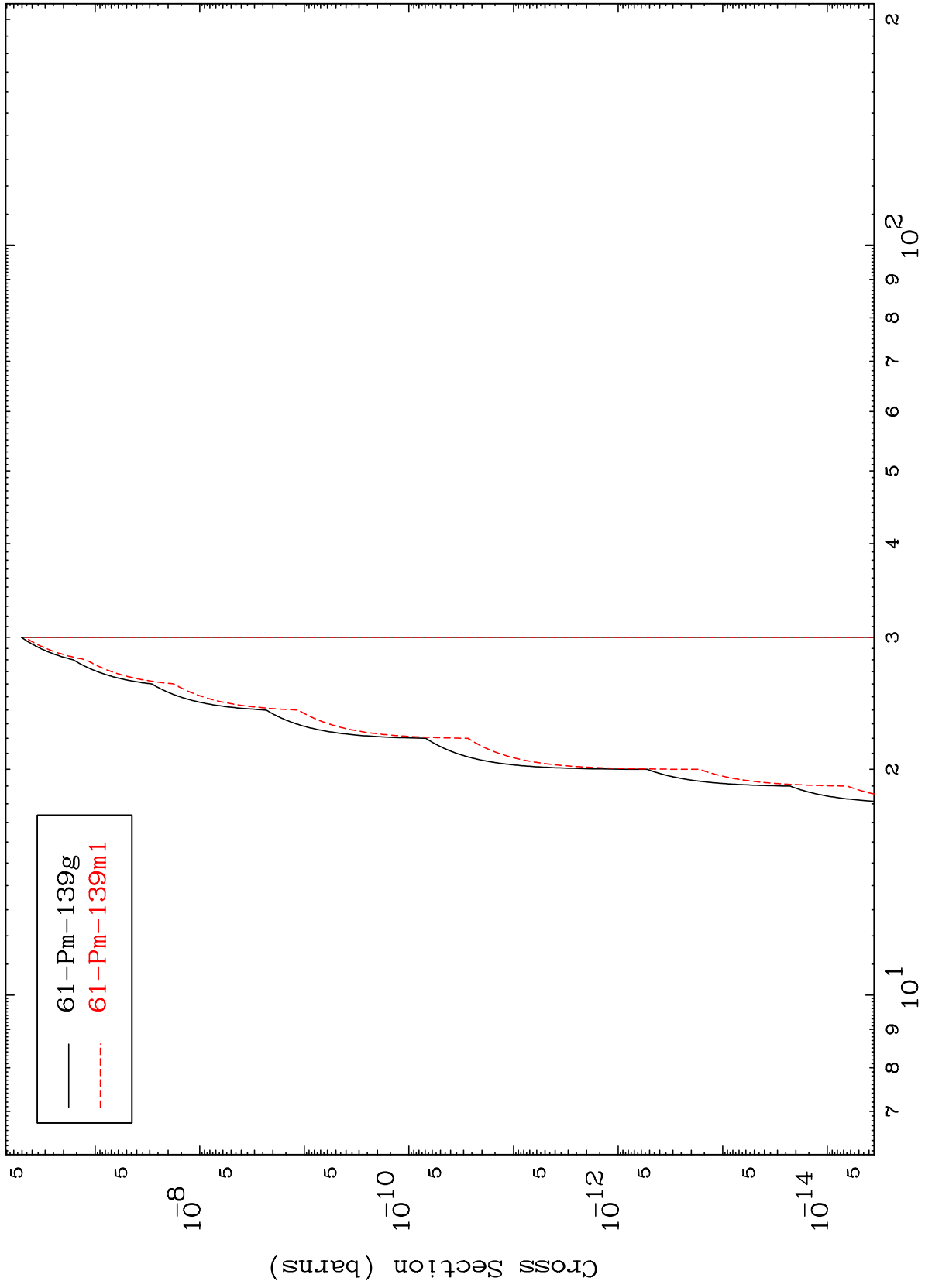
63-Eu-144

MAT 6304

(p,d)  $\alpha$

63-Eu-144

Radionuclide Production Cross Section



25

Incident Energy (MeV)

63-Eu-144