

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

Web:redcullen1.net/HOMEPAGE.NEW

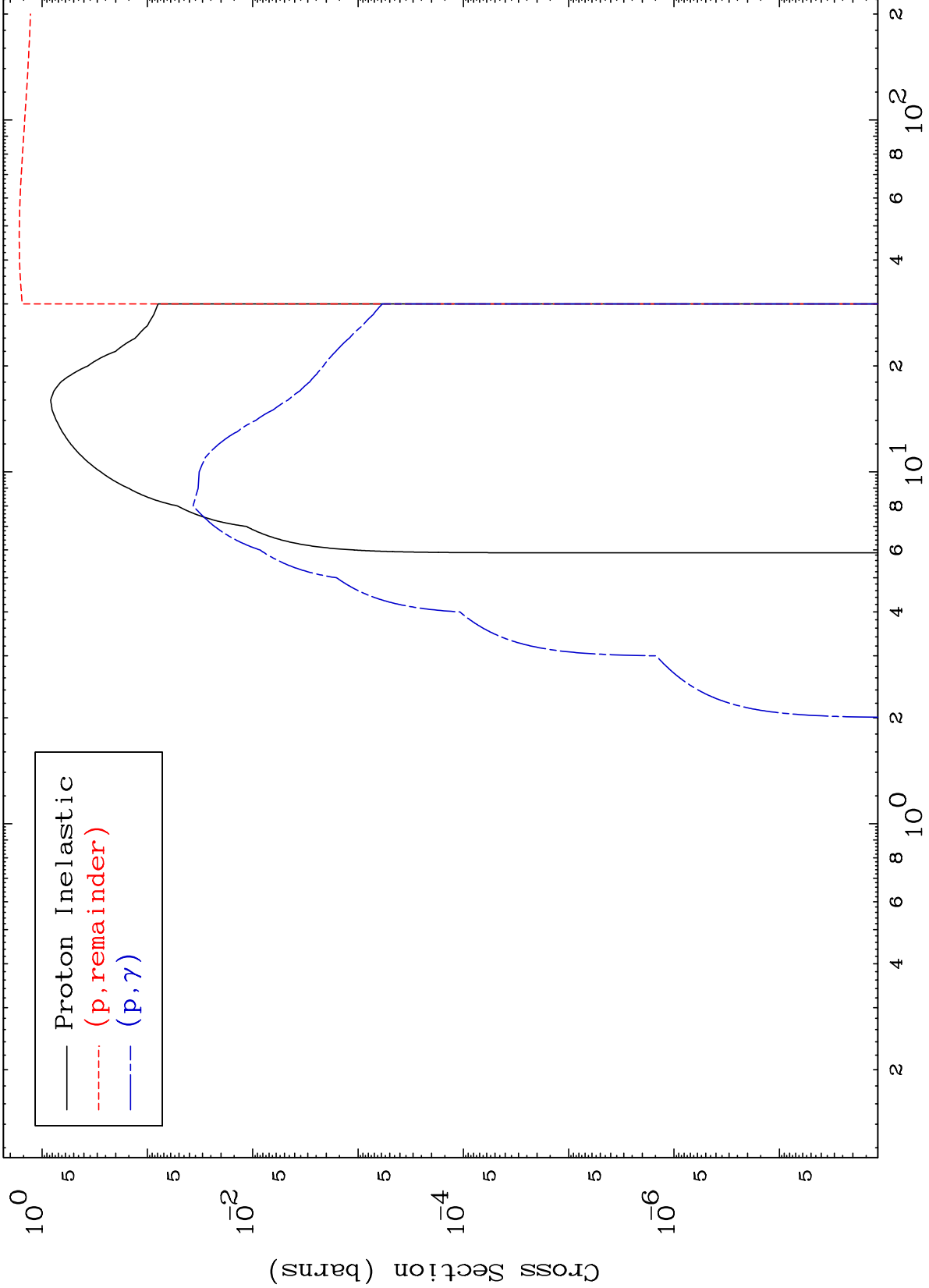
Press Mouse Button to Start

MAT 6307

Proton Major

63-Eu-145

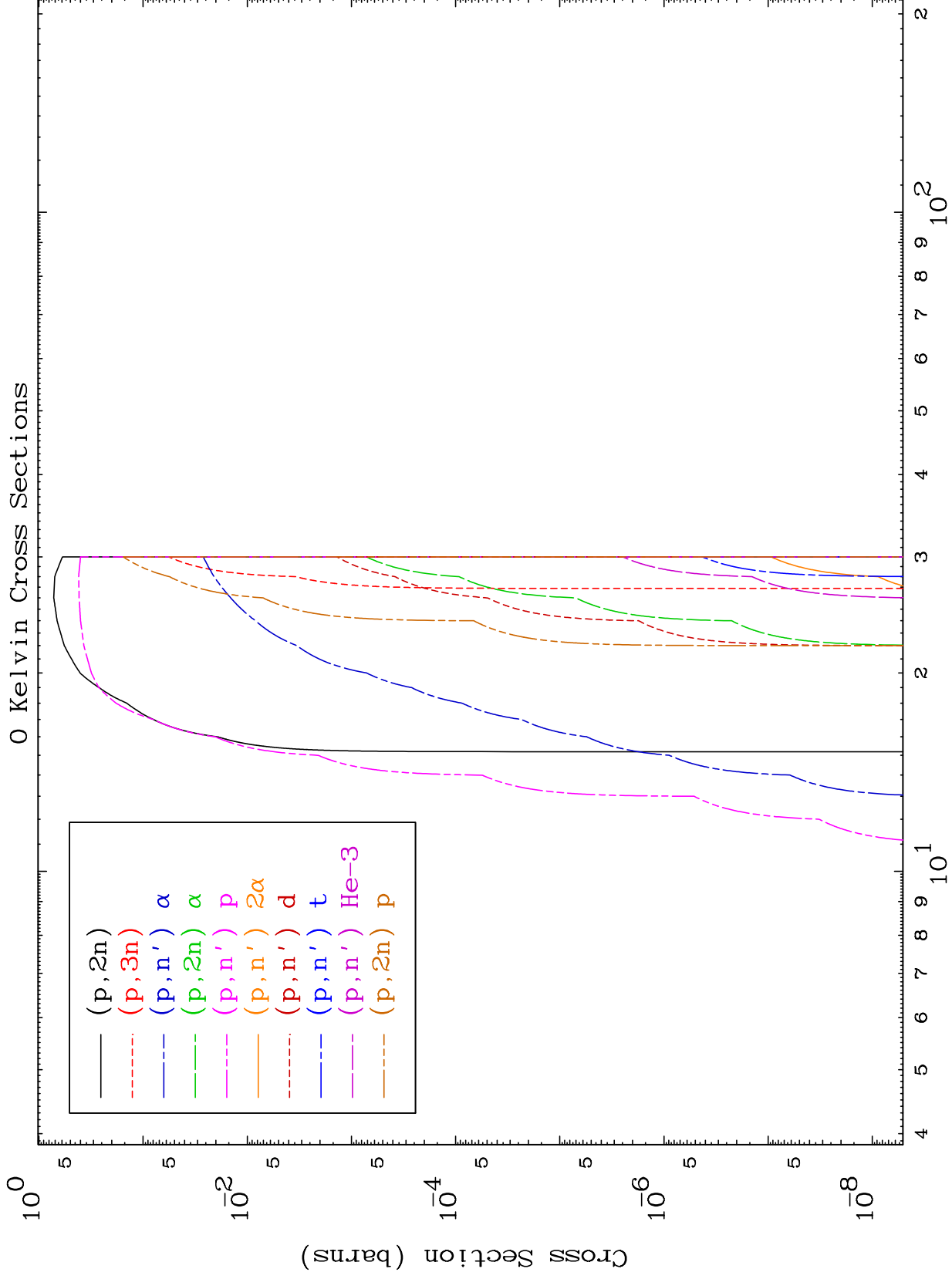
0 Kelvin Cross Sections



— Proton Inelastic  
- - - (p, remainder)  
- . - (p,  $\gamma$ )

63-Eu-145

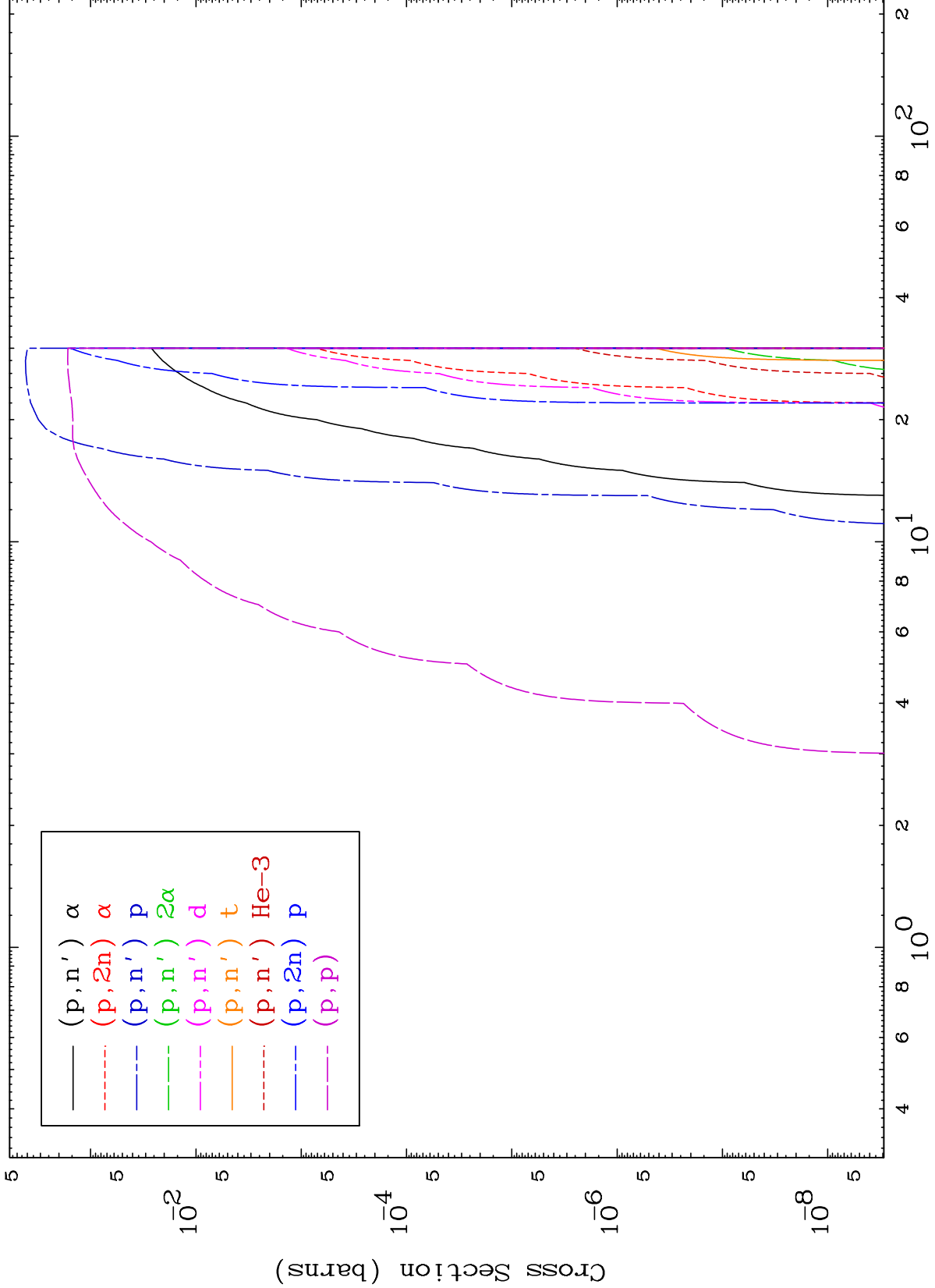
Incident Energy (MeV)

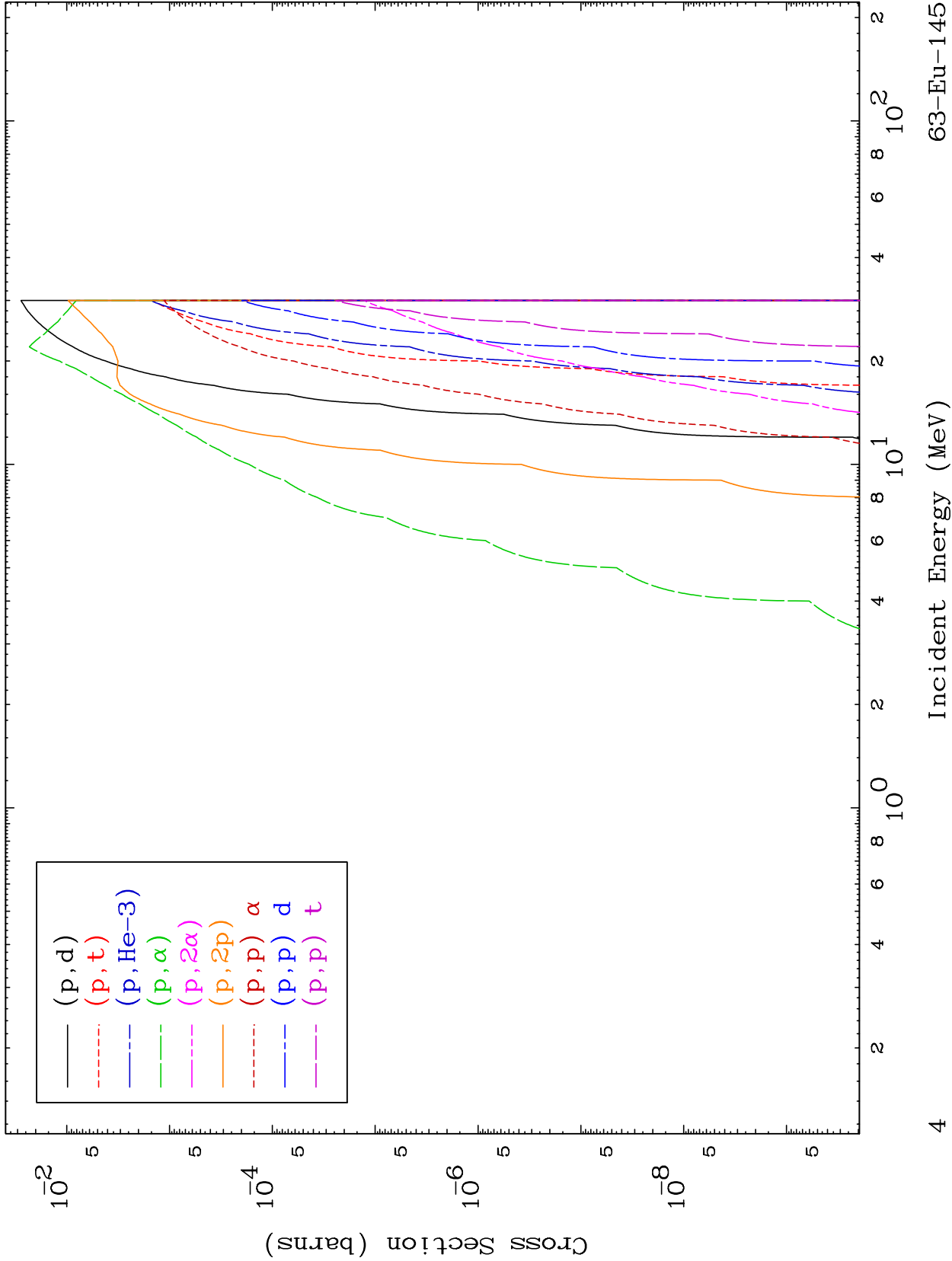


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Proton Charged Particle  
0 Kelvin Cross Sections

63-Eu-145

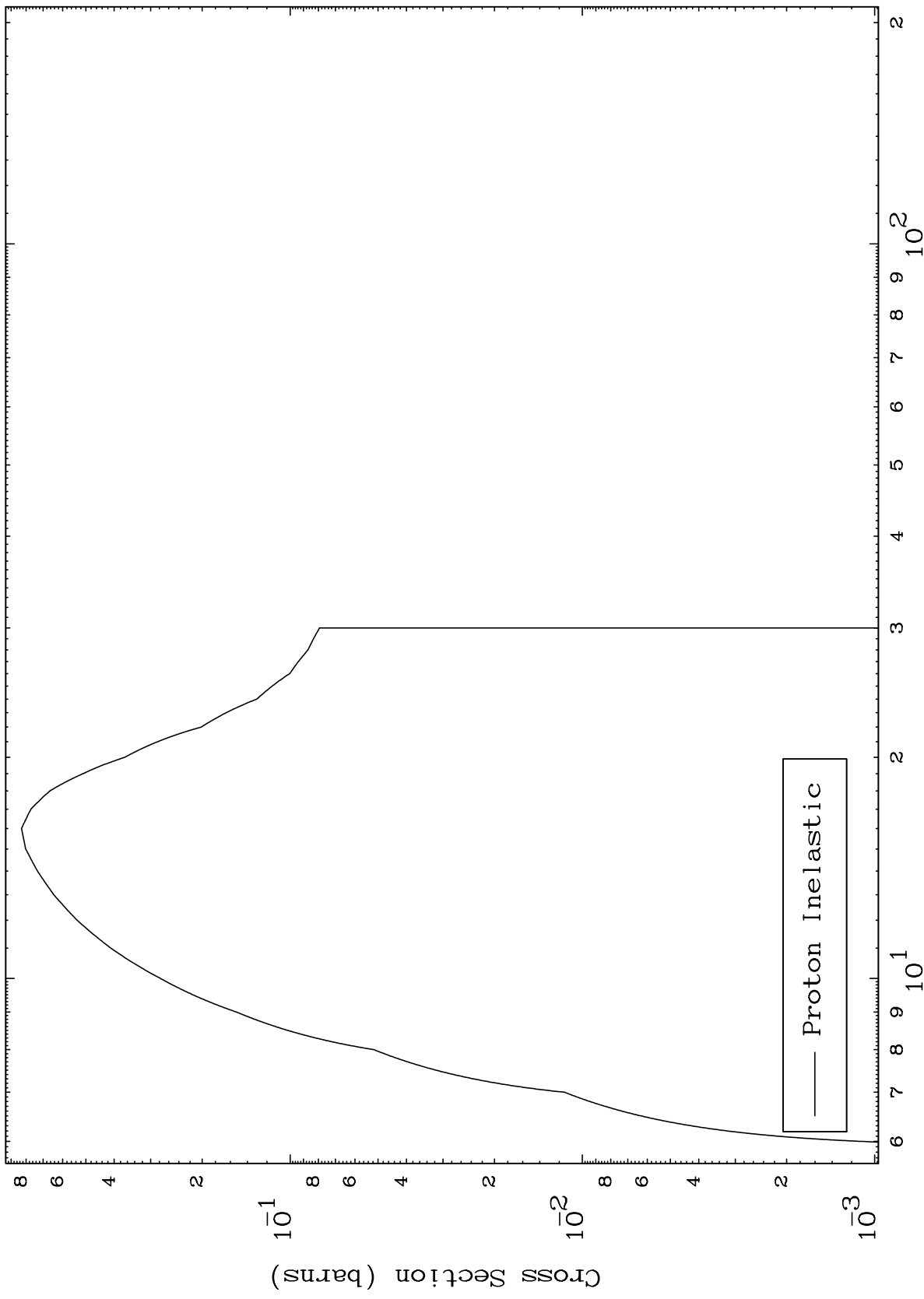




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(p,n') Level  
0 Kelvin Cross Sections

63-Eu-145



5

Incident Energy (MeV)

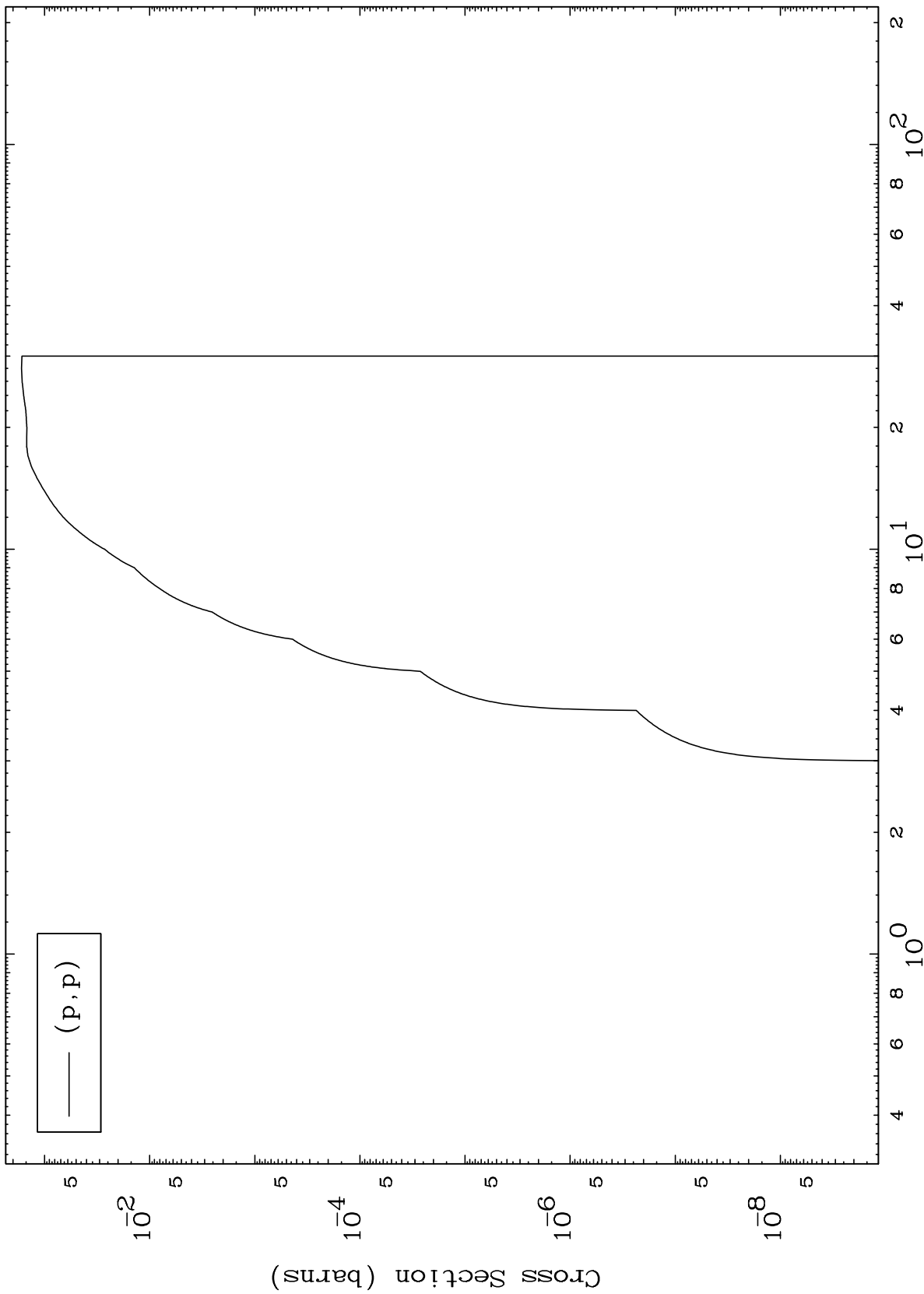
63-Eu-145

MAT 6307

(p,p) Levels

63-Eu-145

0 Kelvin Cross Sections



Incident Energy (MeV)

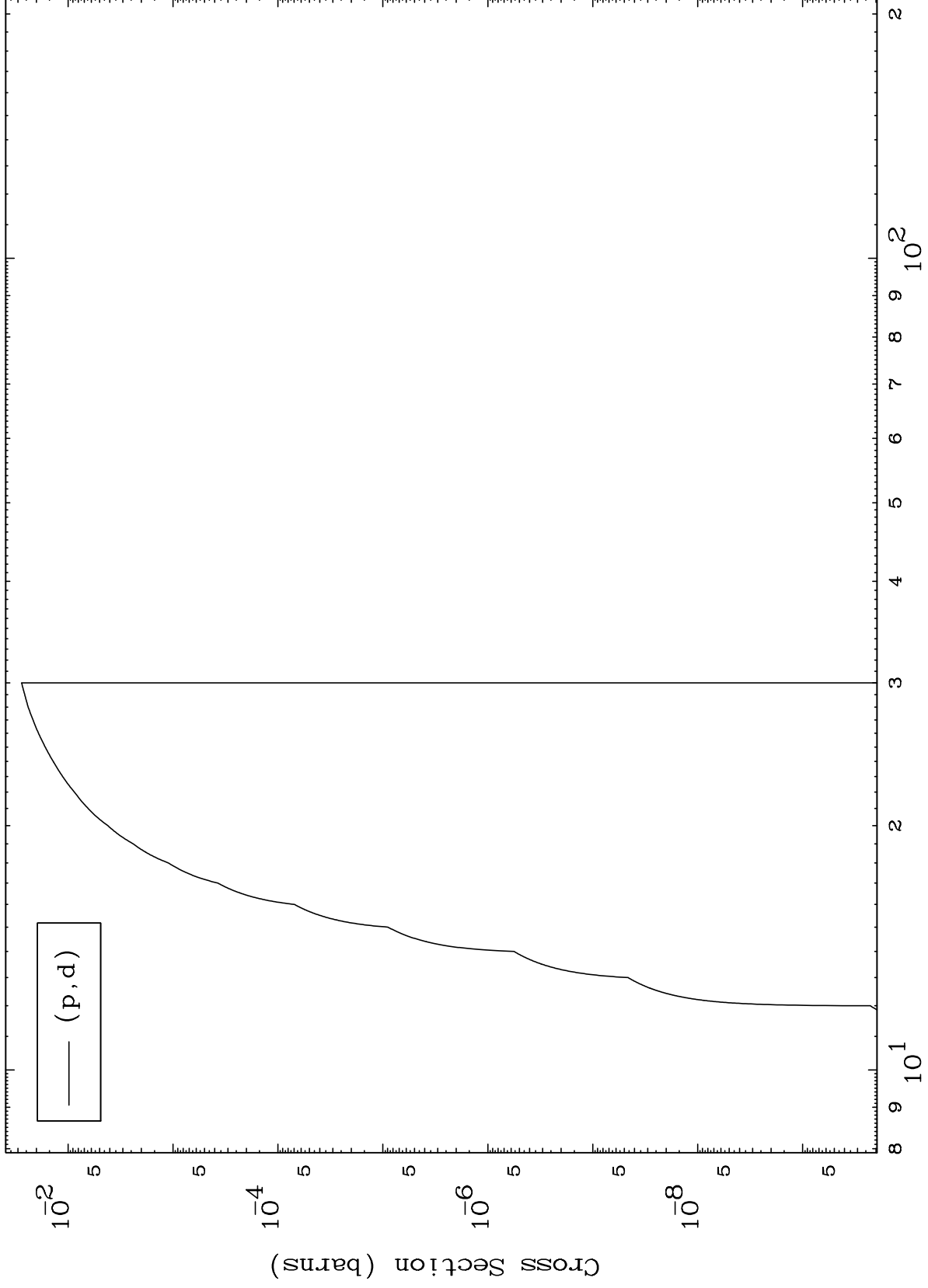
63-Eu-145

6

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(p,d) Levels  
0 Kelvin Cross Sections

63-Eu-145

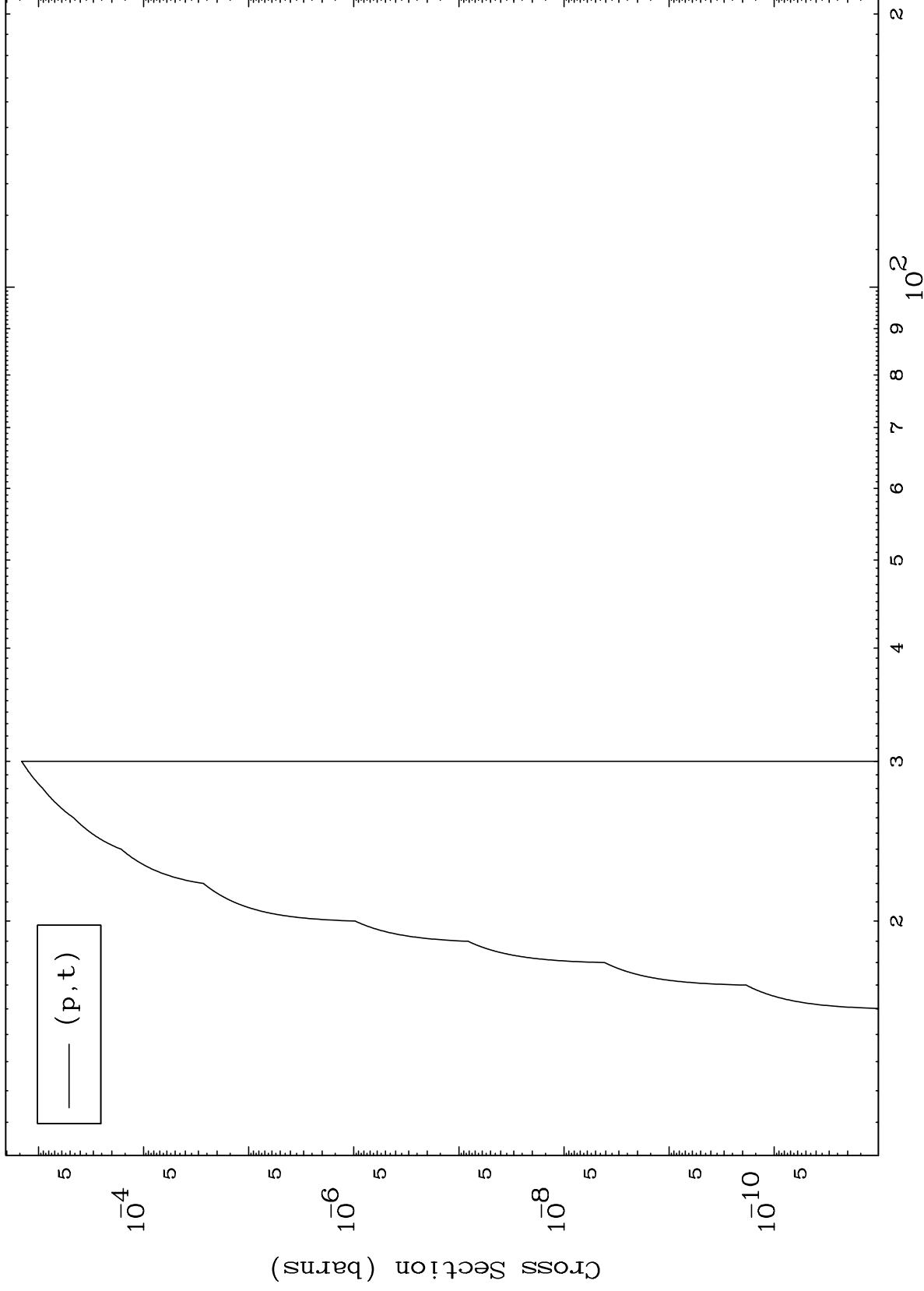


7

Incident Energy (MeV)

63-Eu-145

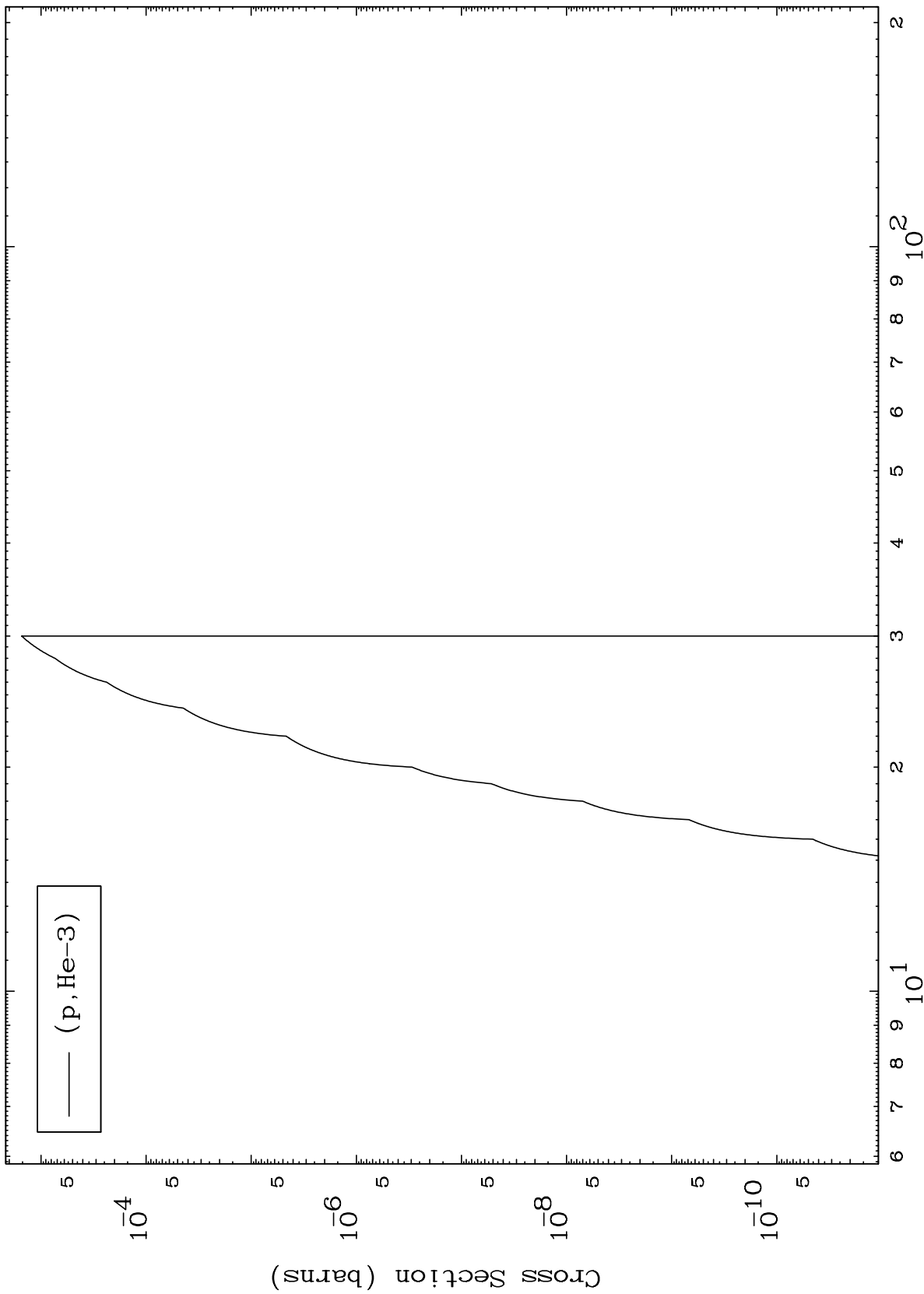




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63-Eu-145

(p,He3) Levels  
0 Kelvin Cross Sections



9

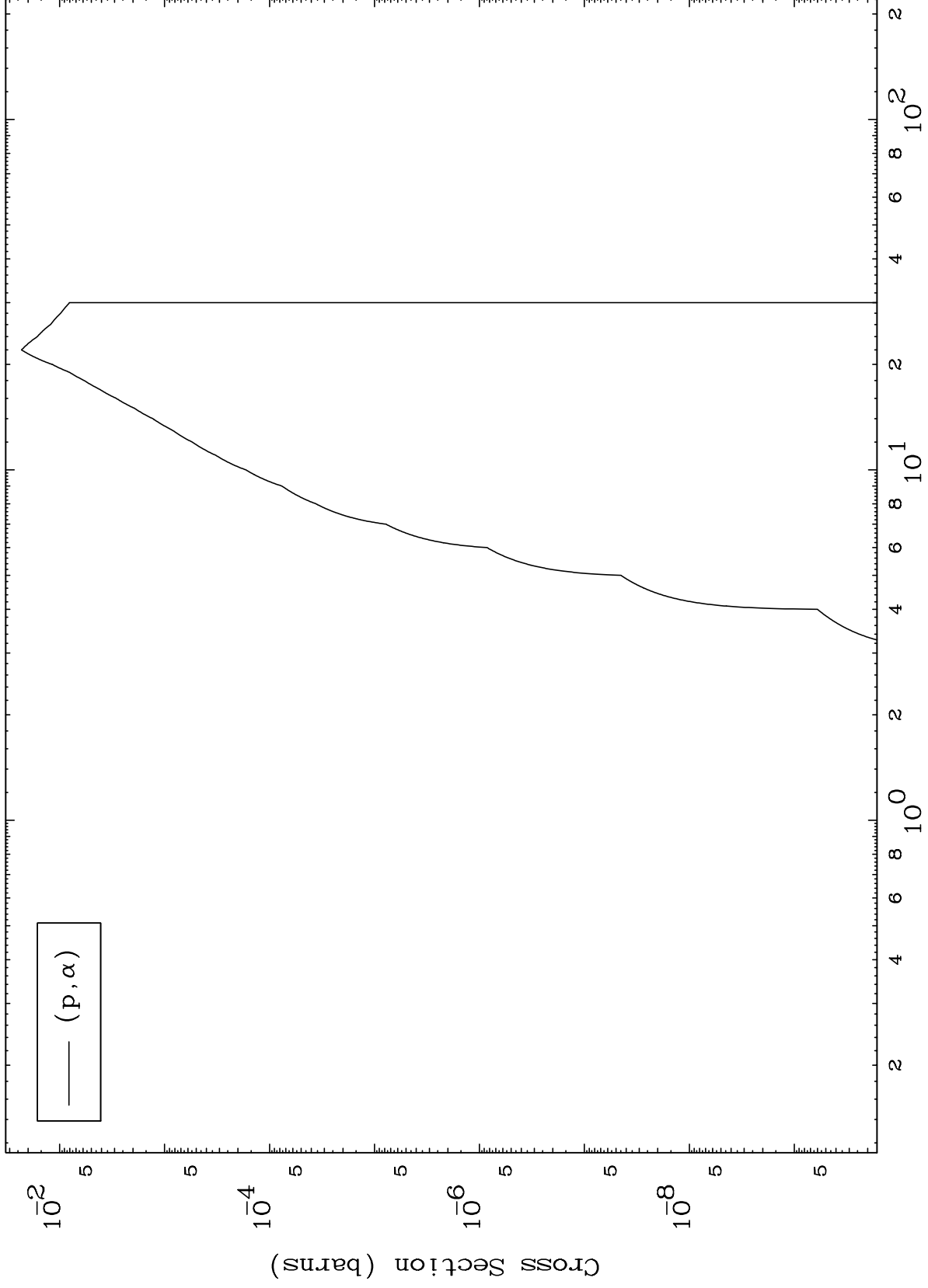
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



10

Incident Energy (MeV)

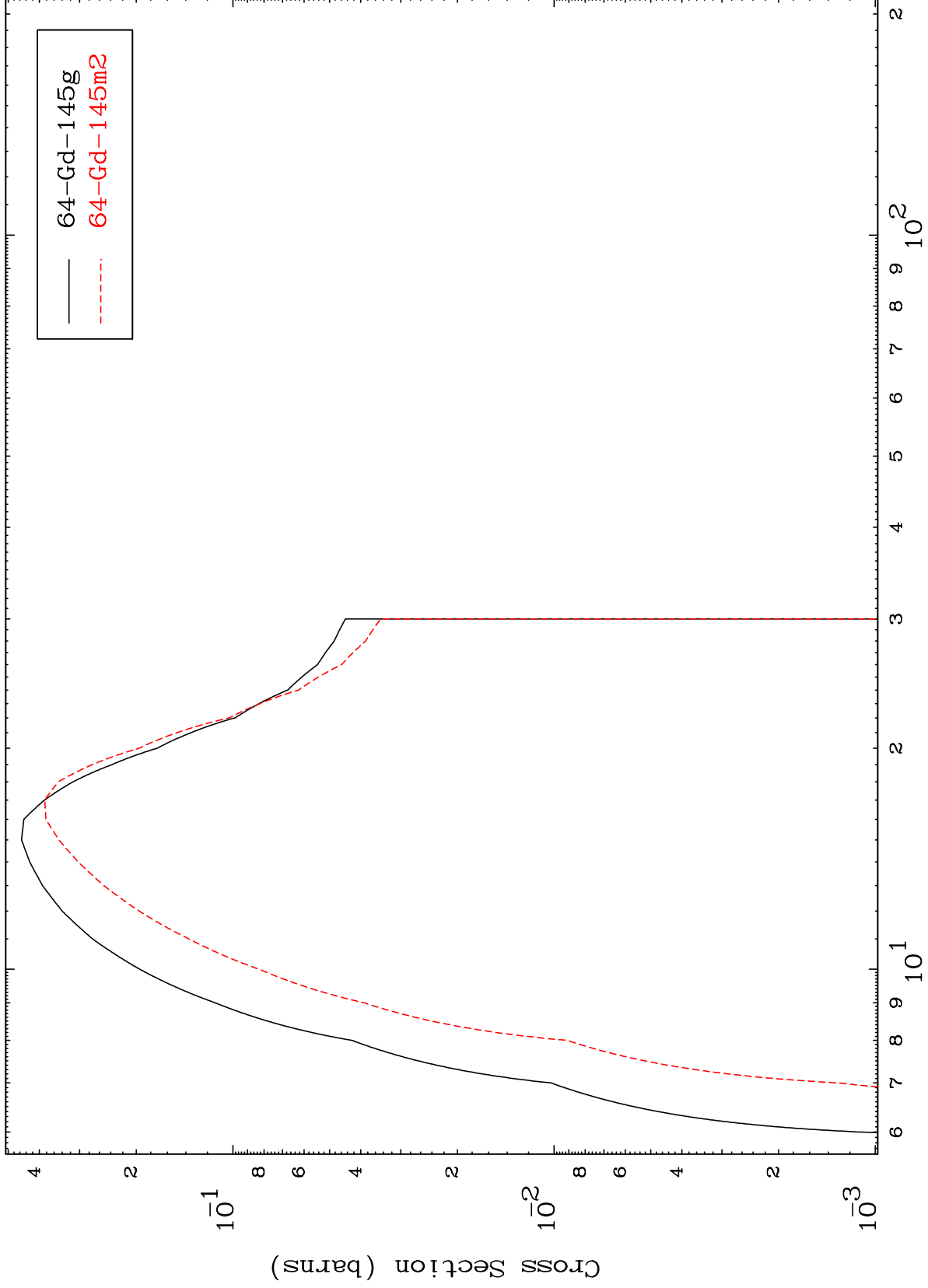
63-Eu-145

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Proton Inelastic

63-Eu-145

Radionuclide Production Cross Section



11

Incident Energy (MeV)

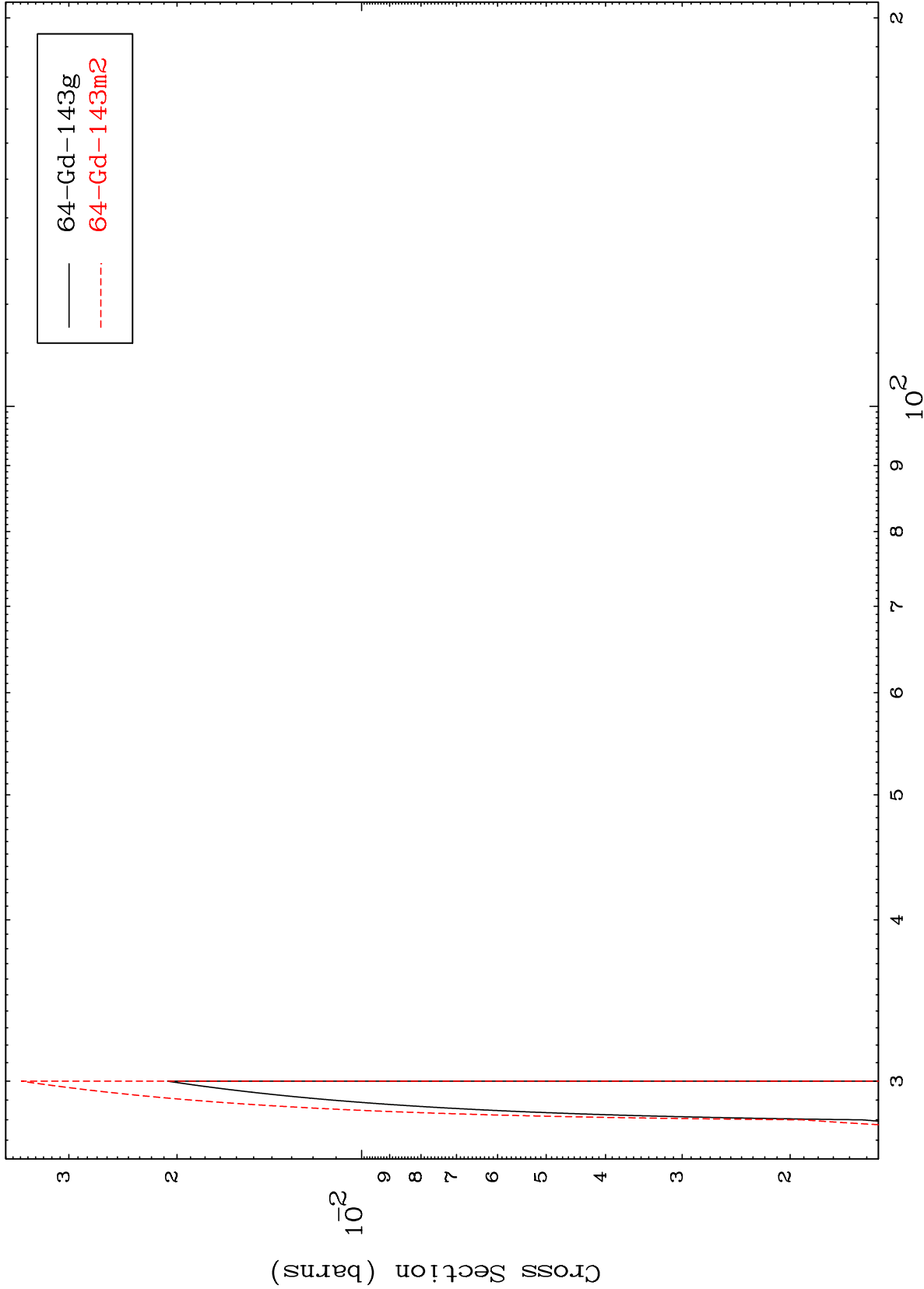
63-Eu-145

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(p,3n)

63-Eu-145

Radionuclide Production Cross Section



12

Incident Energy (MeV)

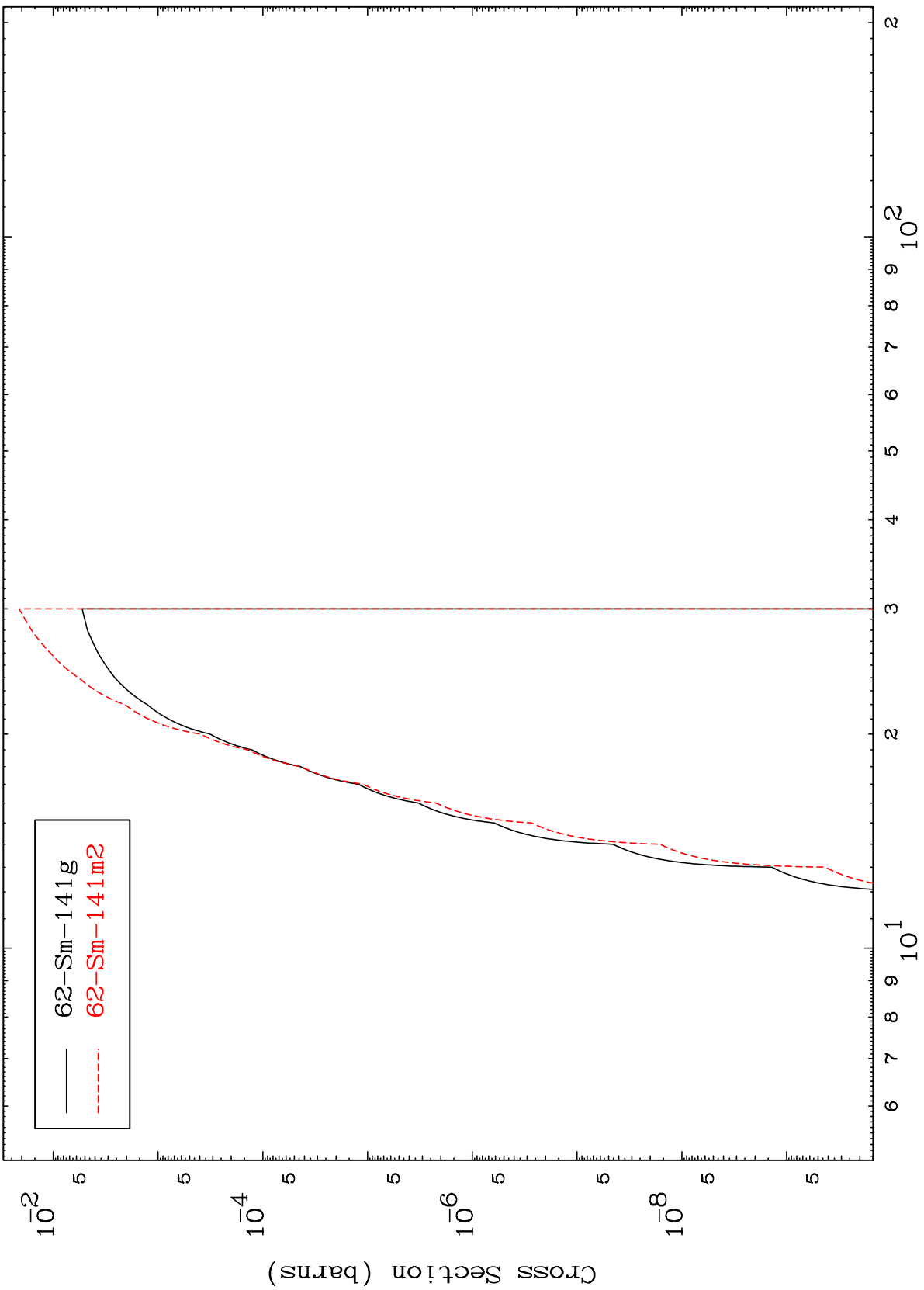
63-Eu-145

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$(p,n') \alpha$

$^{63}\text{Eu}-145$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

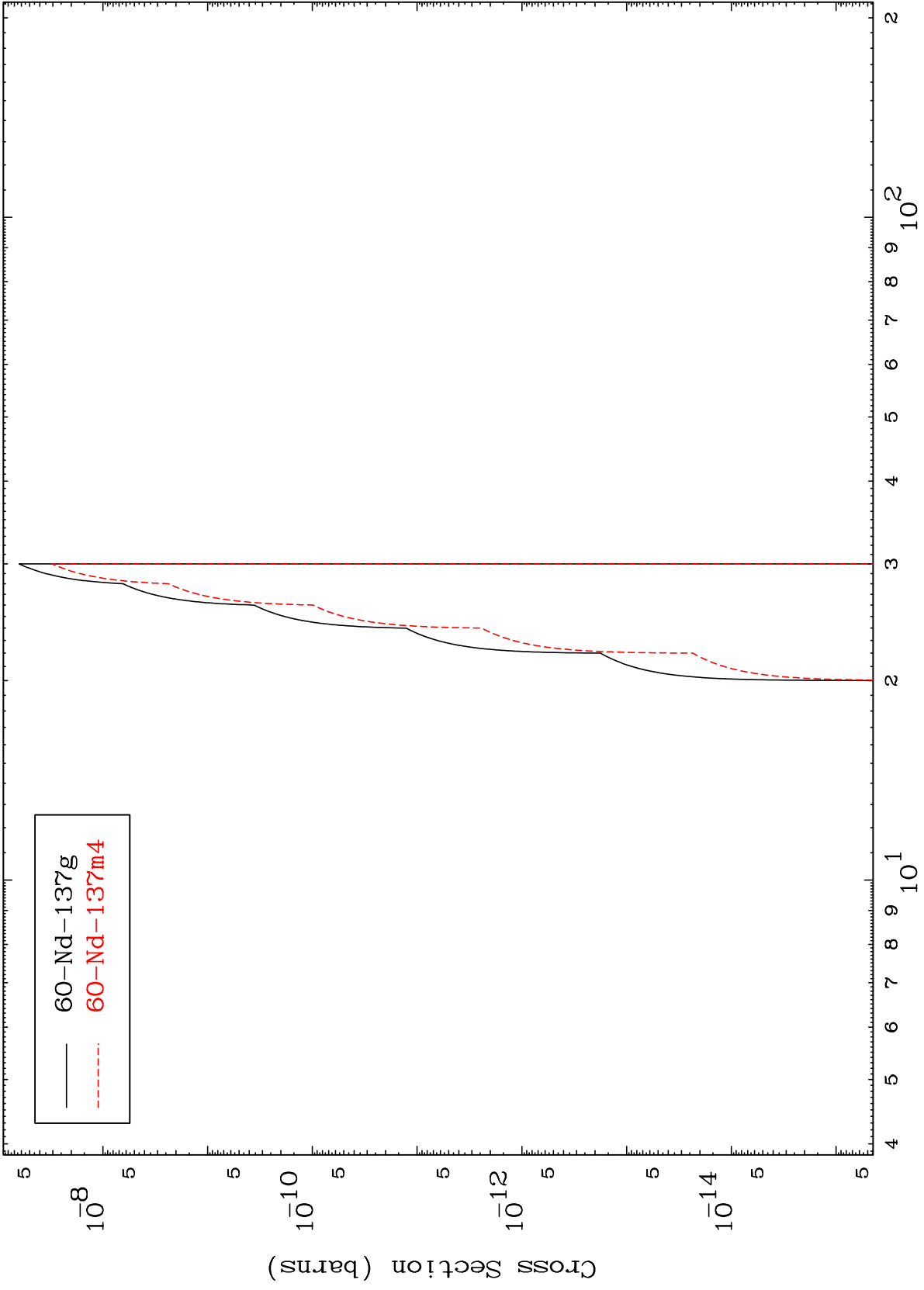
$^{63}\text{Eu}-145$

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(p,n') 2 $\alpha$

63-Eu-145

Radionuclide Production Cross Section



14

Incident Energy (MeV)

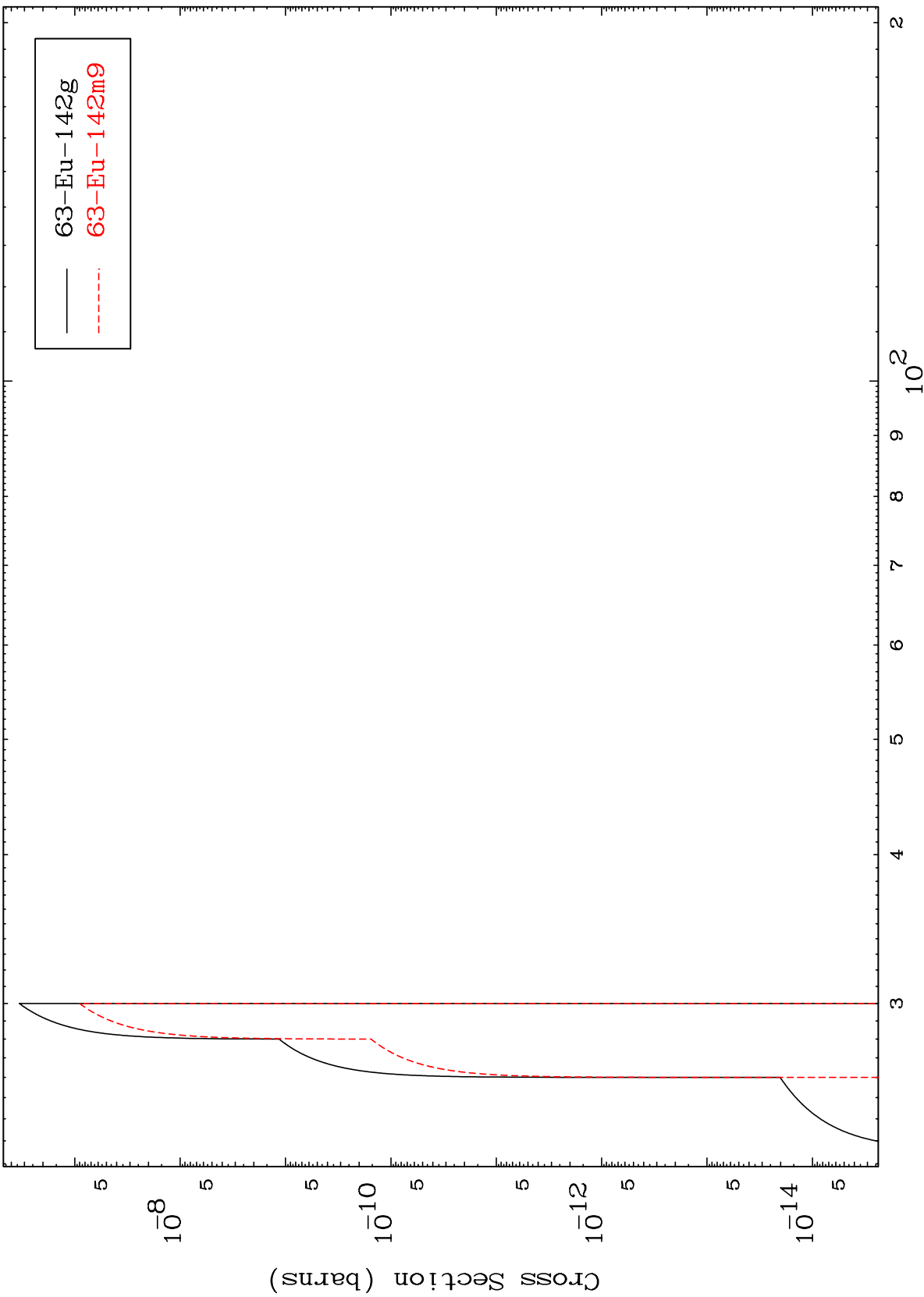
63-Eu-145

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(p,n') t

63-Eu-145

Radionuclide Production Cross Section



15

Incident Energy (MeV)

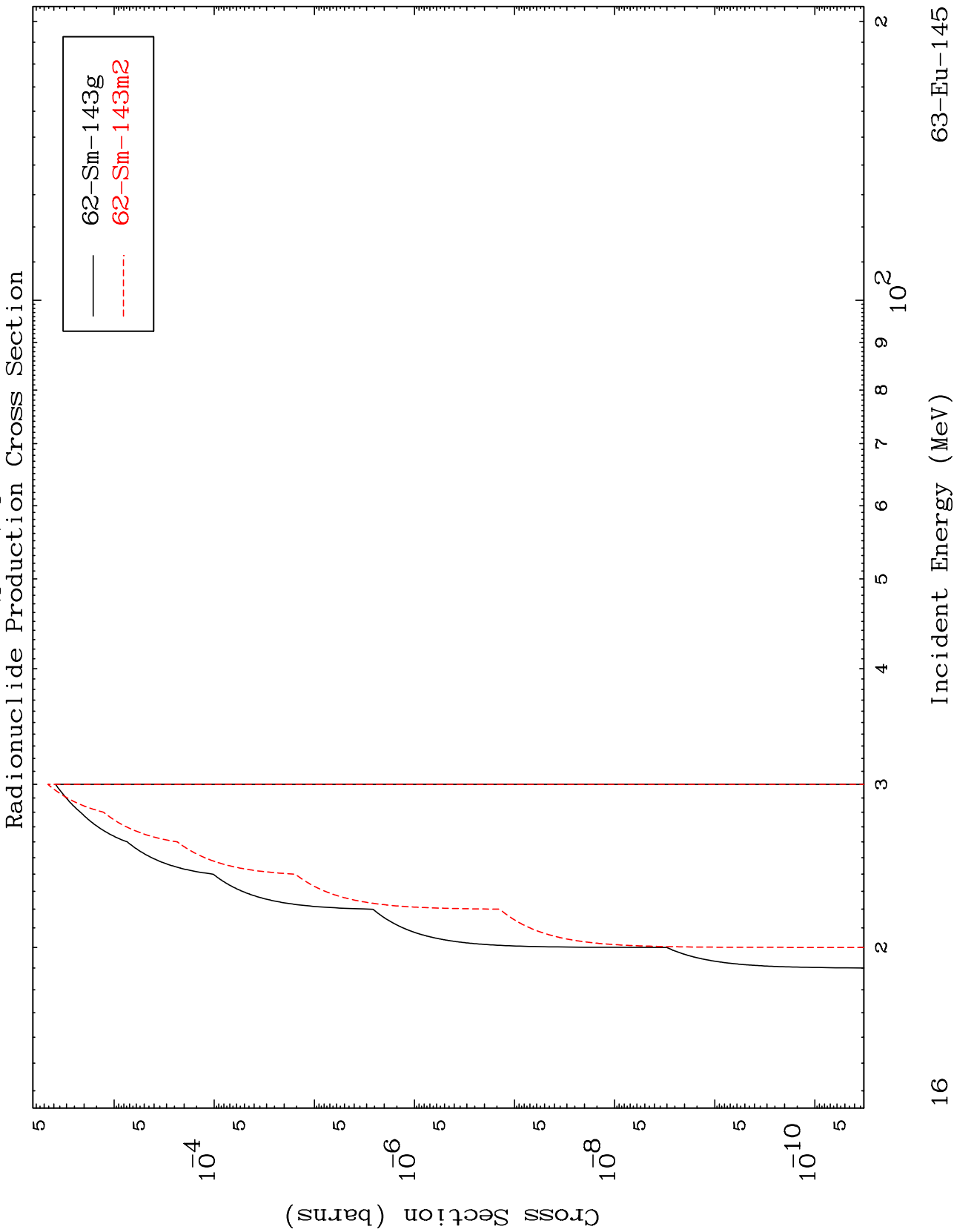
63-Eu-145



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(p,2n) p

63-Eu-145



16

Incident Energy (MeV)

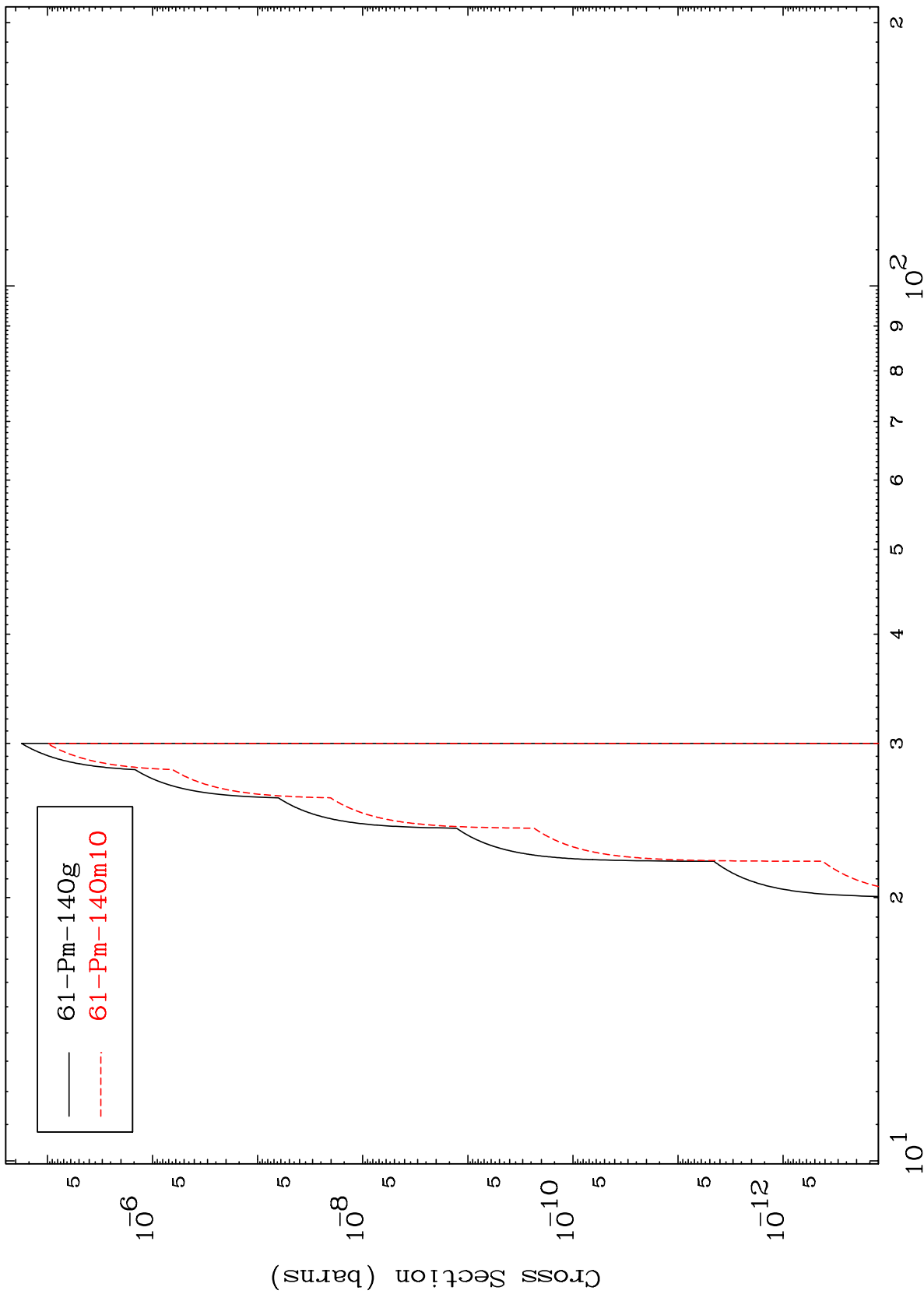
63-Eu-145

MAT 6307

(p,n') p  $\alpha$

63-Eu-145

Radionuclide Production Cross Section



17

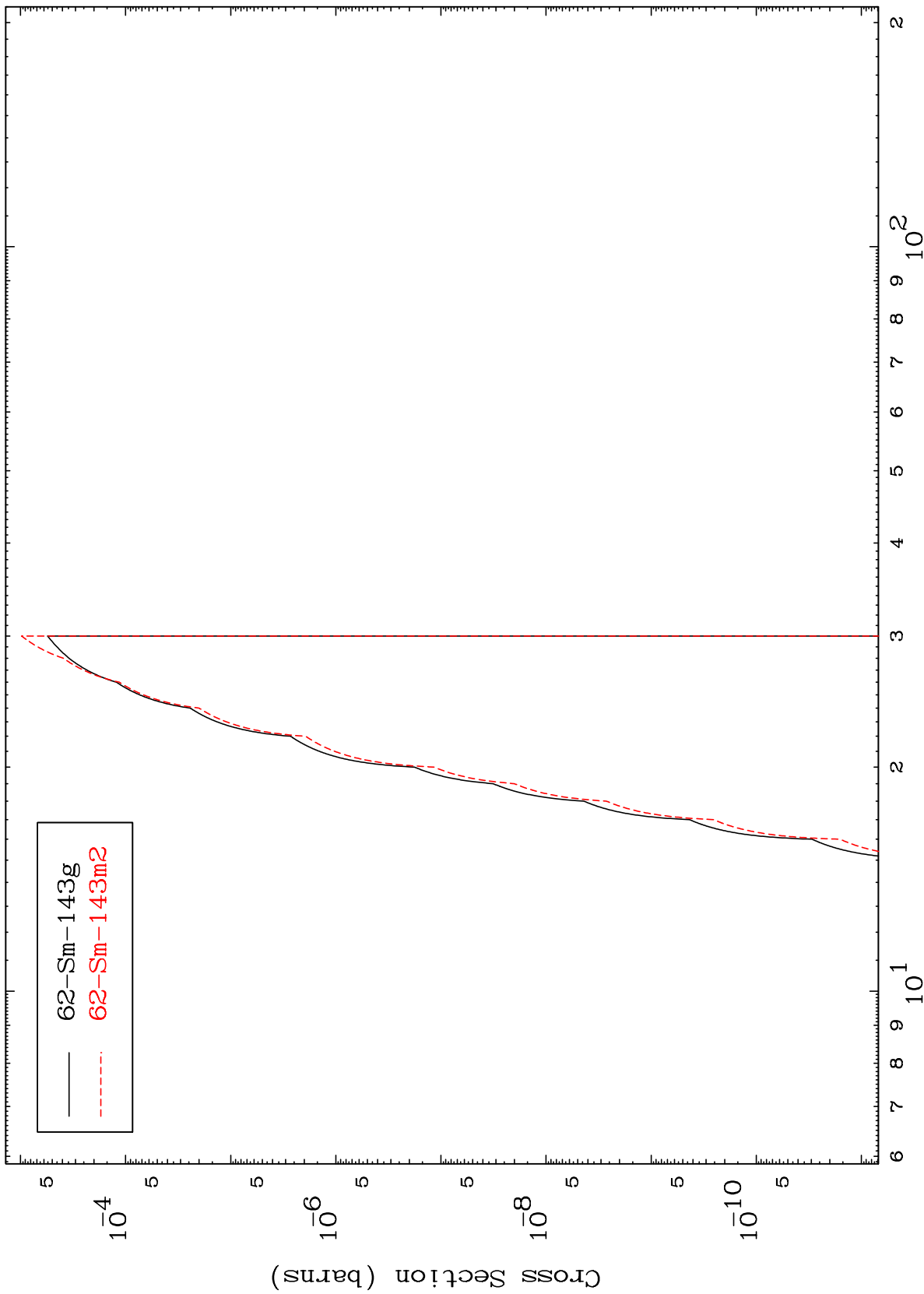
Incident Energy (MeV)

63-Eu-145

MAT 6307

63-Eu-145

Radionuclide Production Cross Section (p,He-3)



18

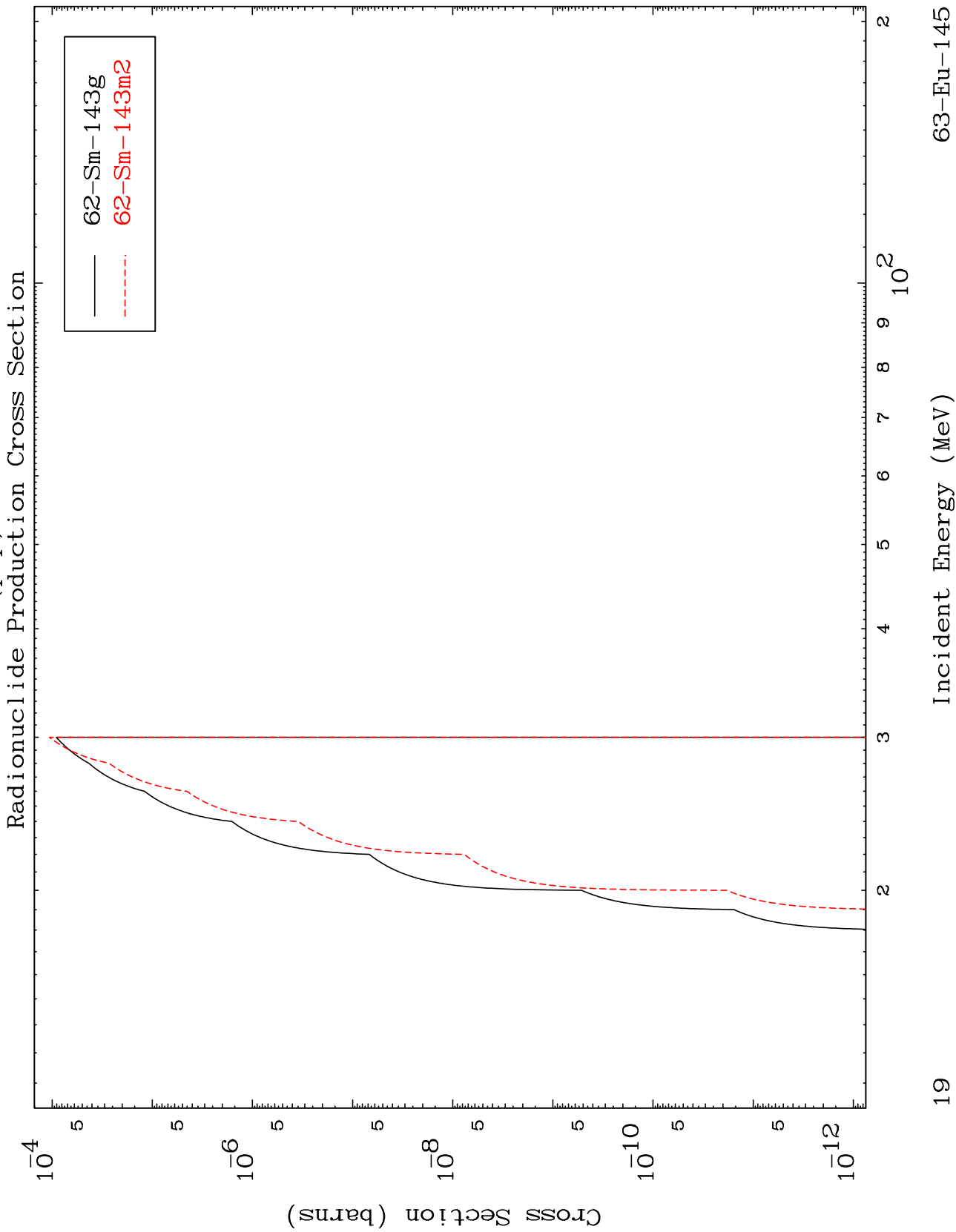
Incident Energy (MeV)

63-Eu-145

MAT 6307

(p,p) d

63-Eu-145

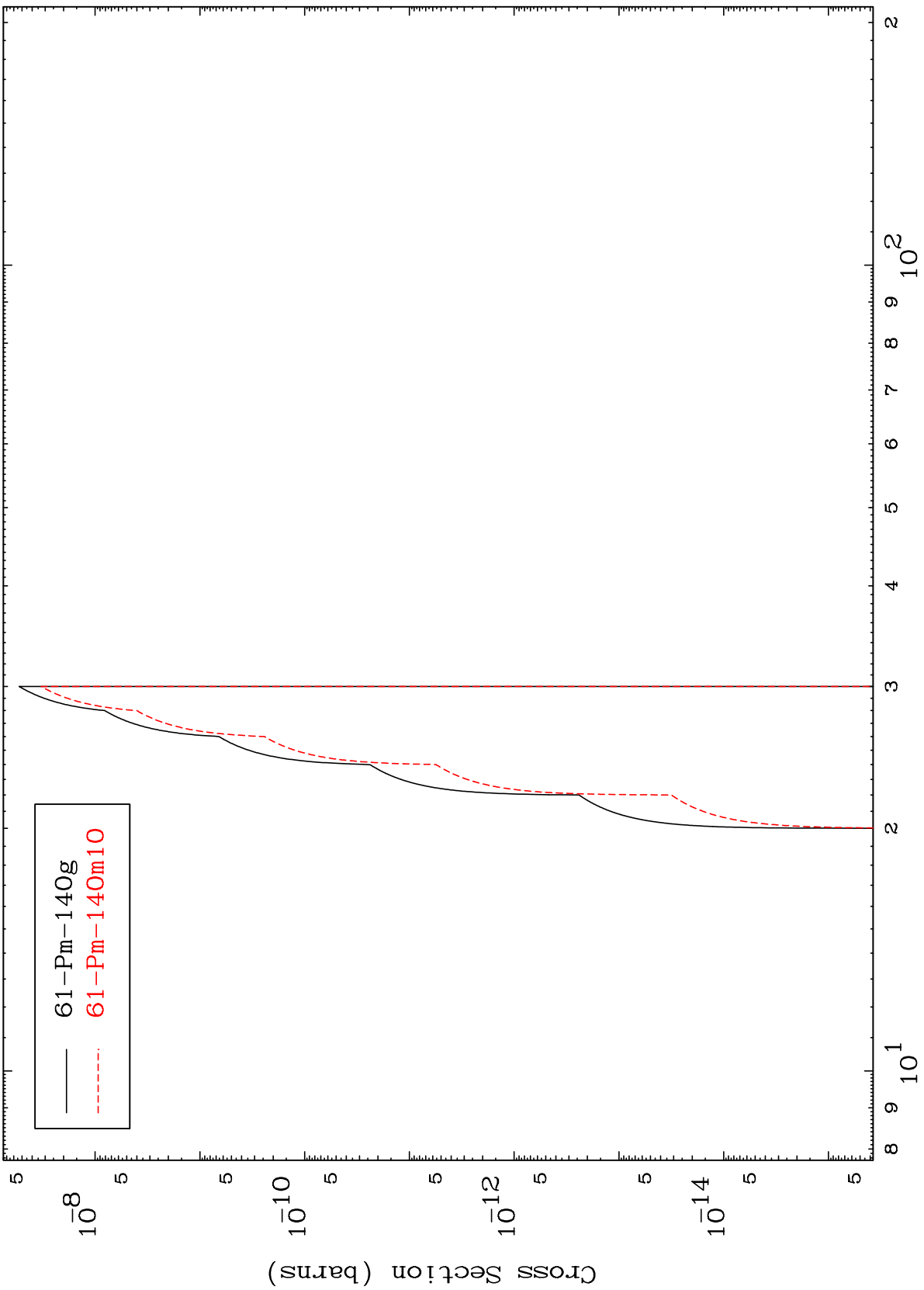


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(p,d)  $\alpha$

63-Eu-145

Radionuclide Production Cross Section



61-Pm-140g  
61-Pm-140m10

20

Incident Energy (MeV)

63-Eu-145