

Program EVALPLOT  
(Version 2021-1)

by

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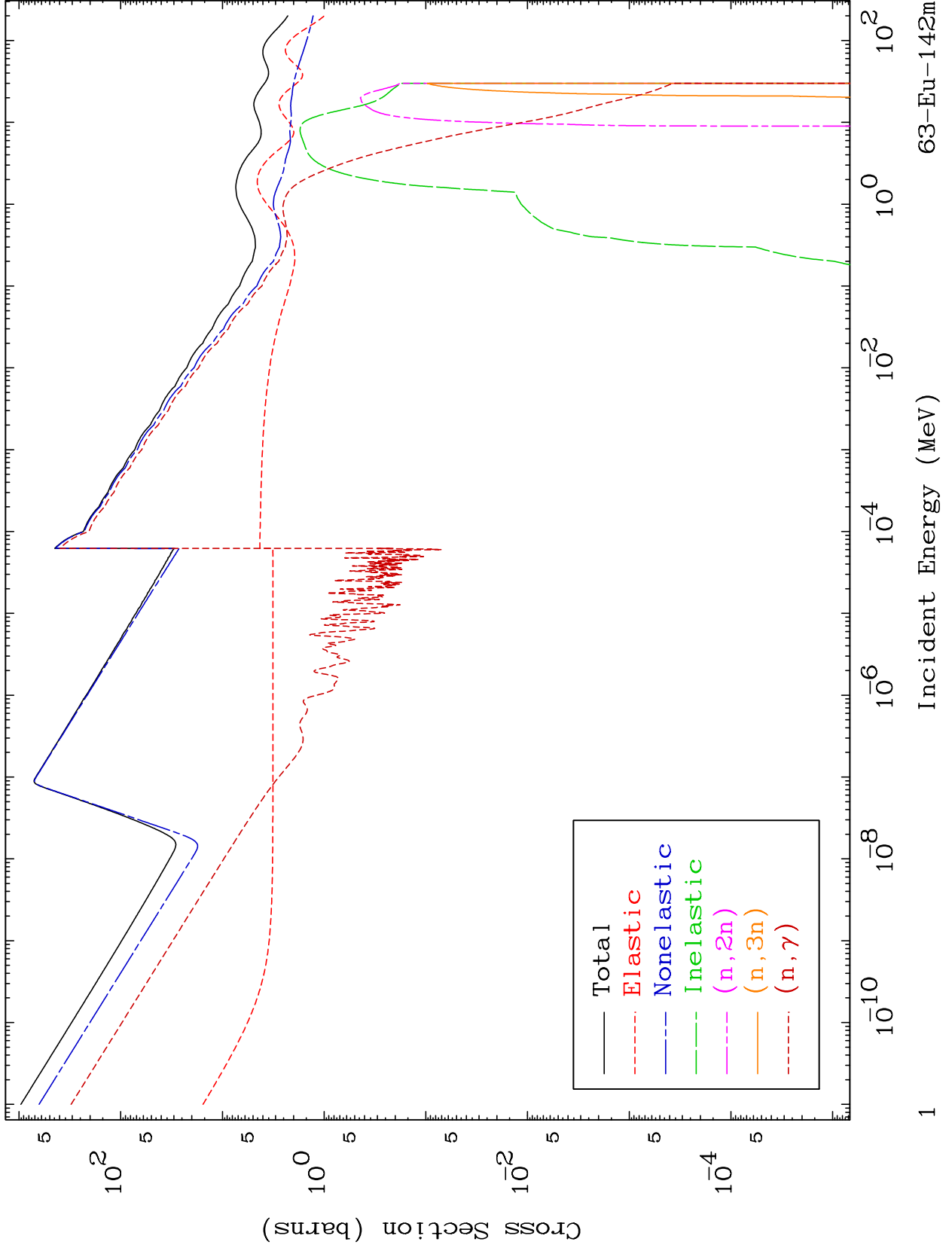
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Press Mouse Button to Start

MAT 6299

Neutron Major  
293 Kelvin Cross Sections

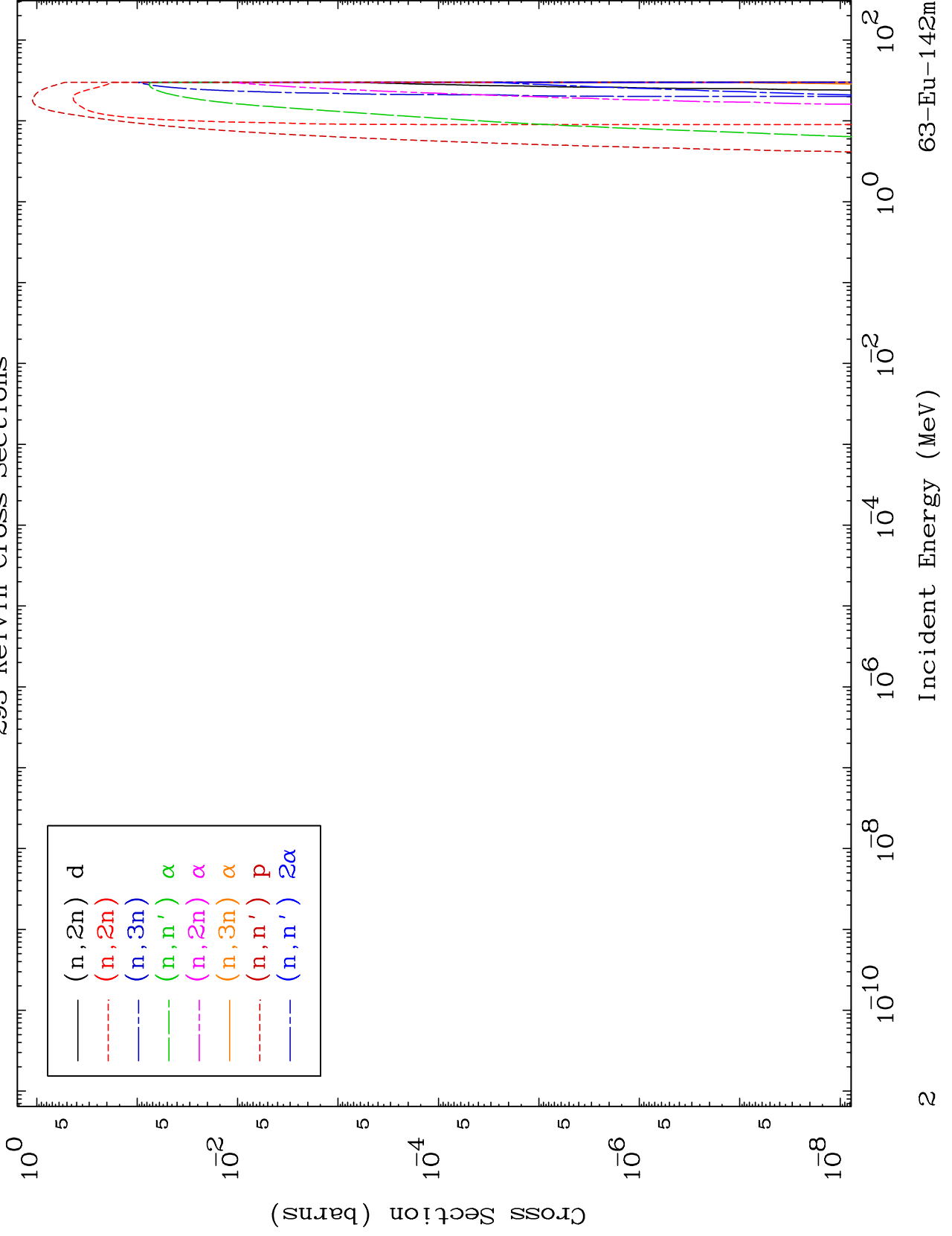
63-Eu-142m



MAT 6299

Neutron Absorption  
293 Kelvin Cross Sections

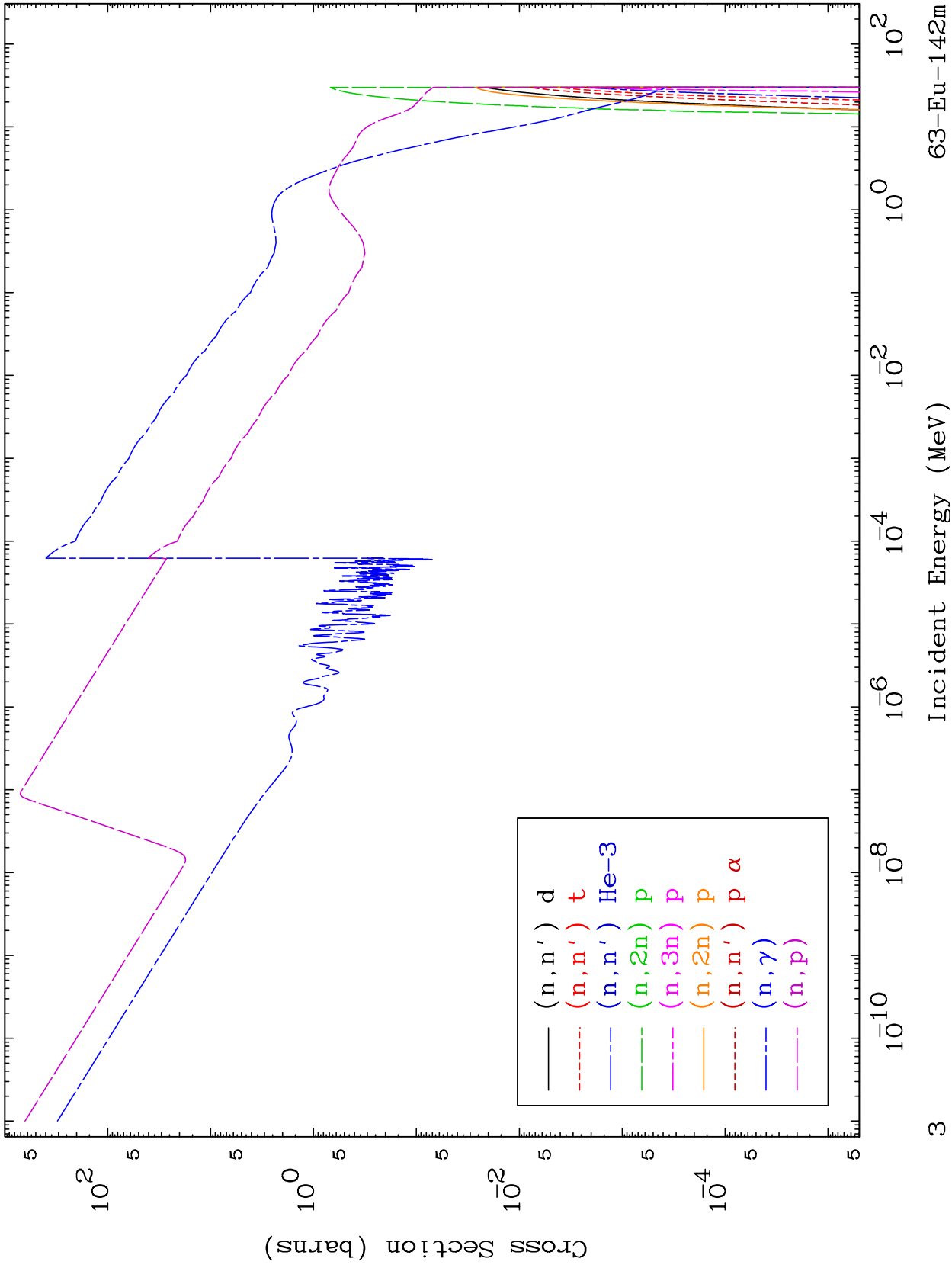
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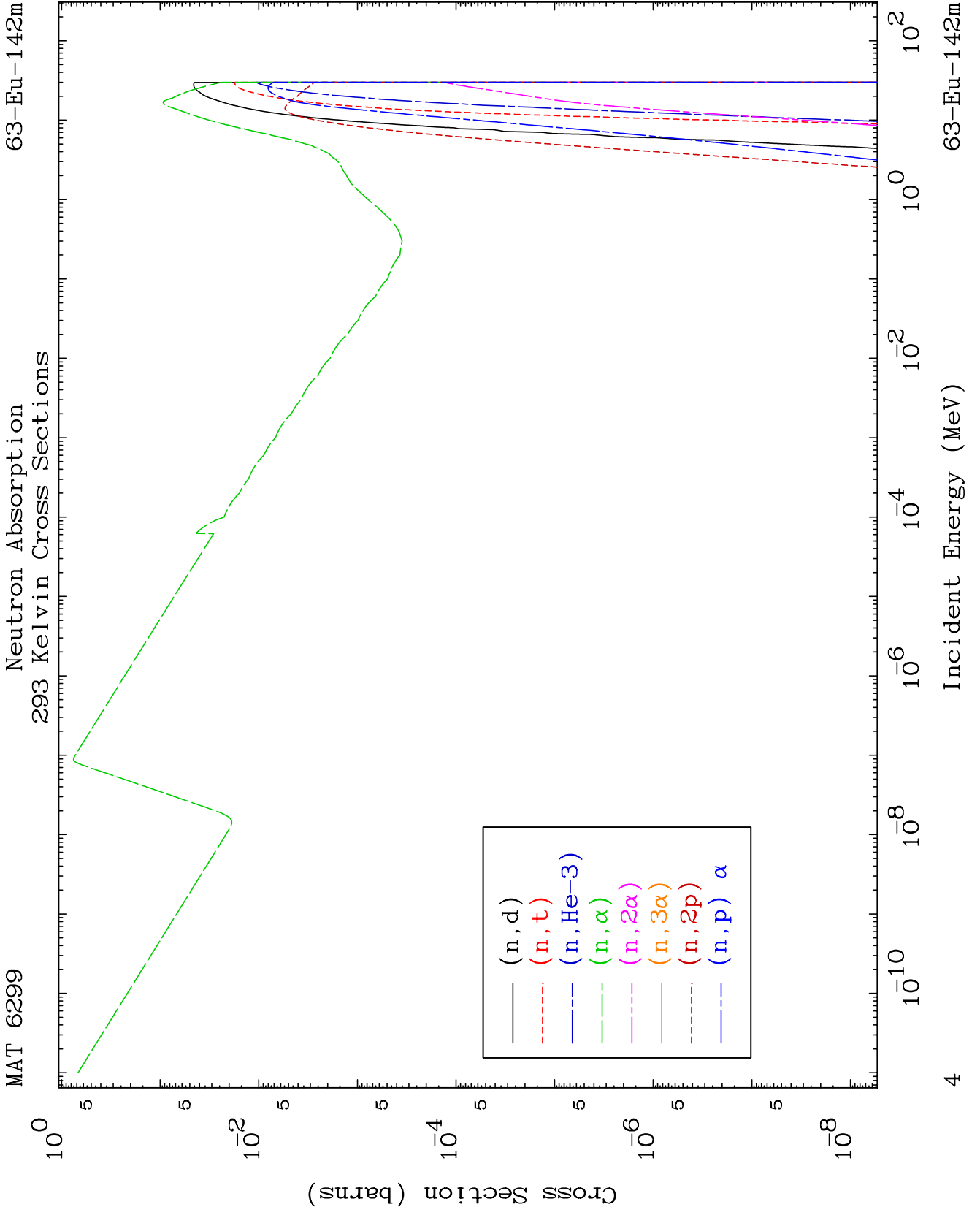


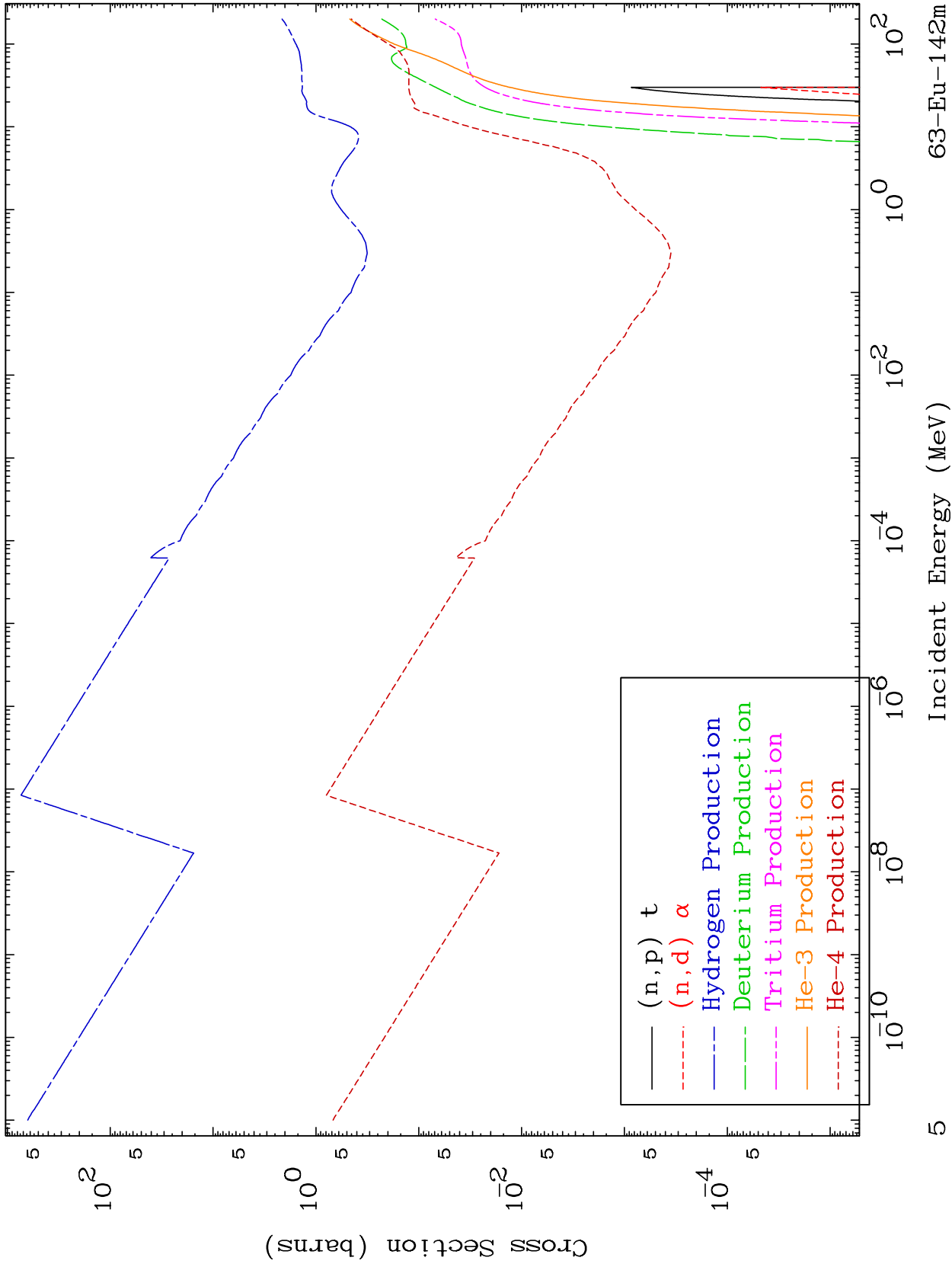
MAT 6299

Neutron Absorption  
293 Kelvin Cross Sections

63-Eu-142m



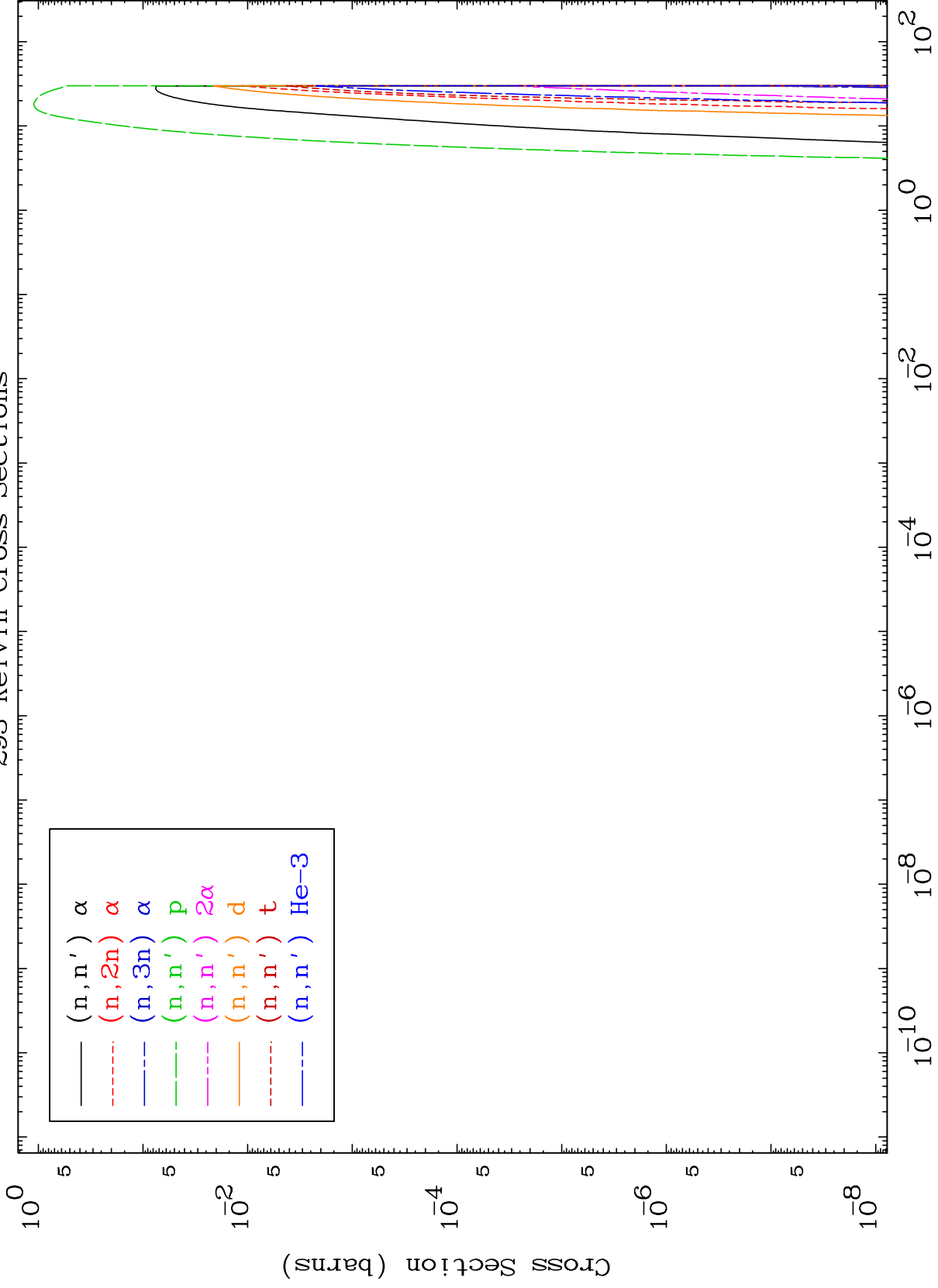




MAT 6299

Charged Particle  
293 Kelvin Cross Sections

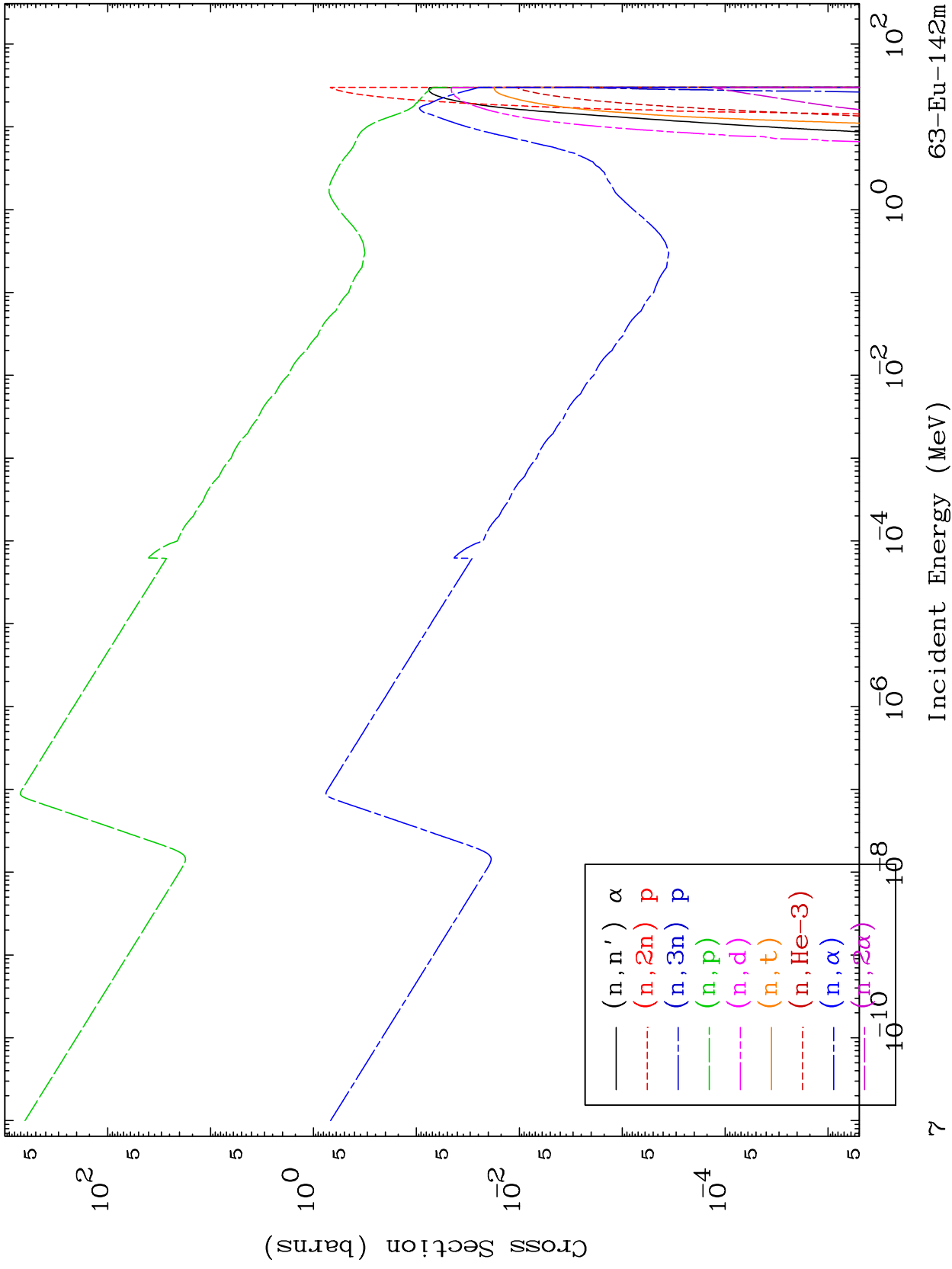
63-Eu-142m



MAT 6299

Charged Particle  
293 Kelvin Cross Sections

63-Eu-142m

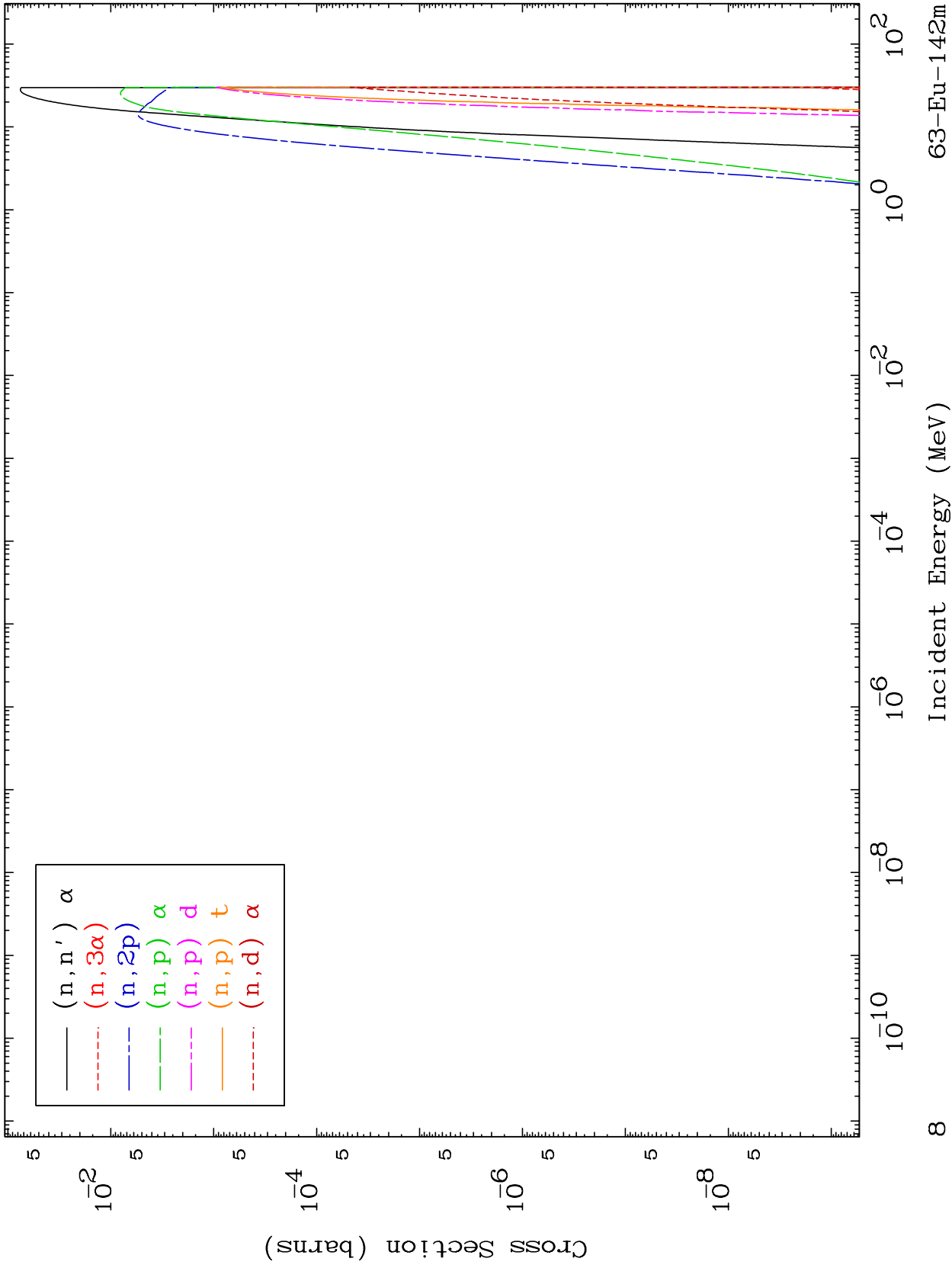




MAT 6299

Charged Particle  
293 Kelvin Cross Sections

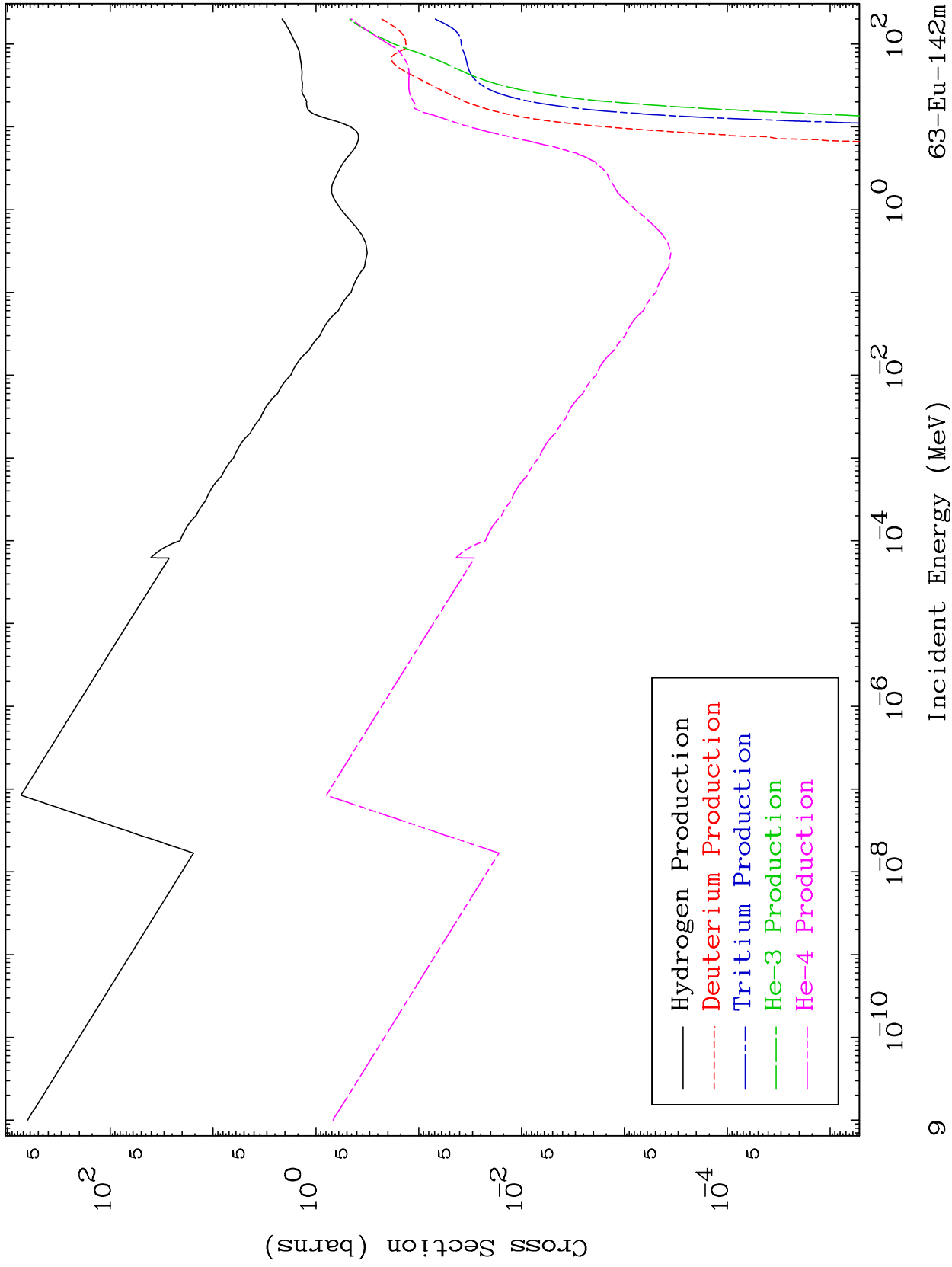
63-Eu-142m



MAT 6299

Particle Production  
293 Kelvin Cross Sections

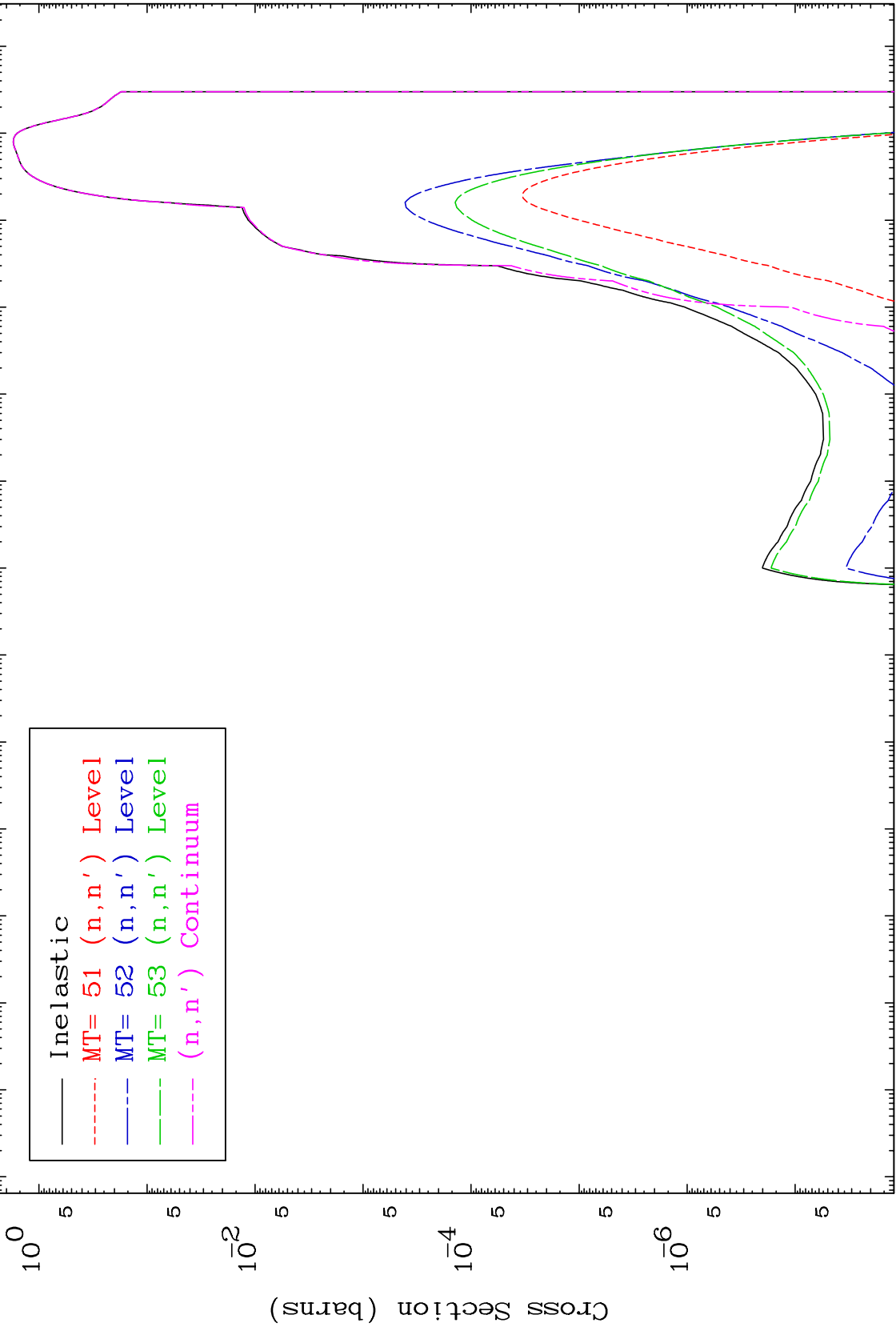
63-Eu-142m



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(n,n') Levels  
293 Kelvin Cross Sections

63-Eu-142m



10

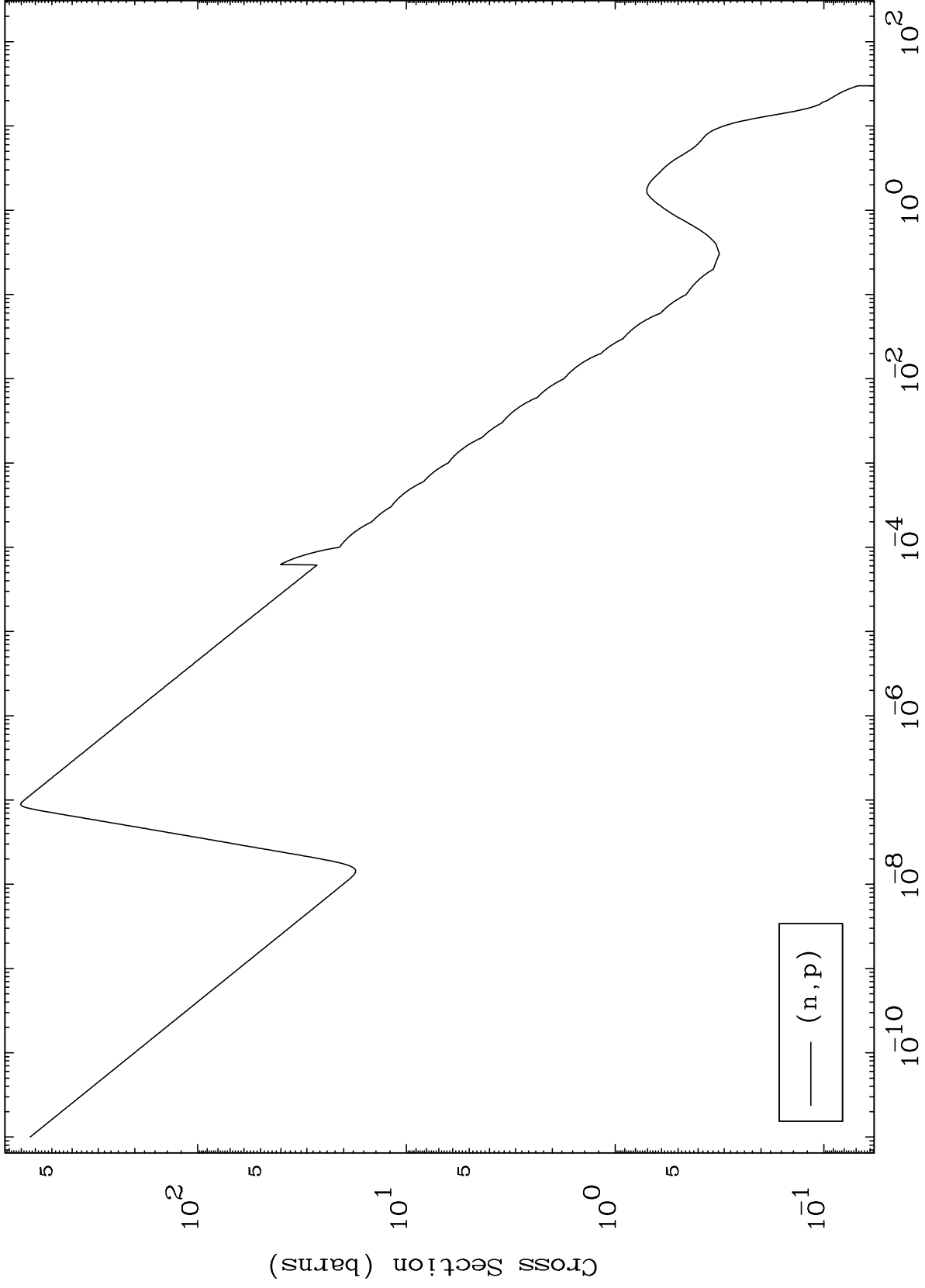
Incident Energy (MeV)

63-Eu-142m

MAT 6299

(n,p) Levels  
293 Kelvin Cross Sections

63-Eu-142m

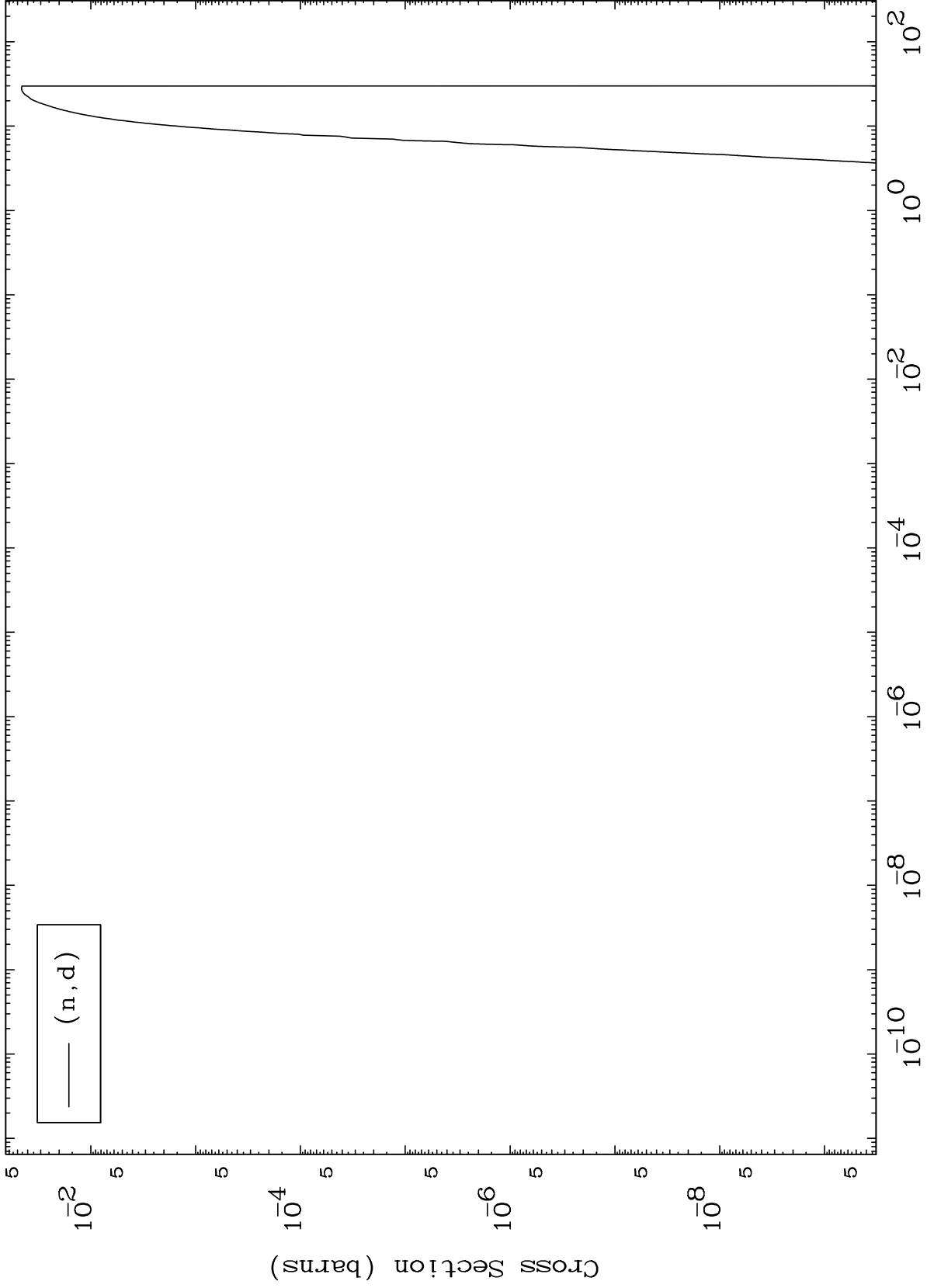


— (n,p)

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(n,d) Levels  
293 Kelvin Cross Sections

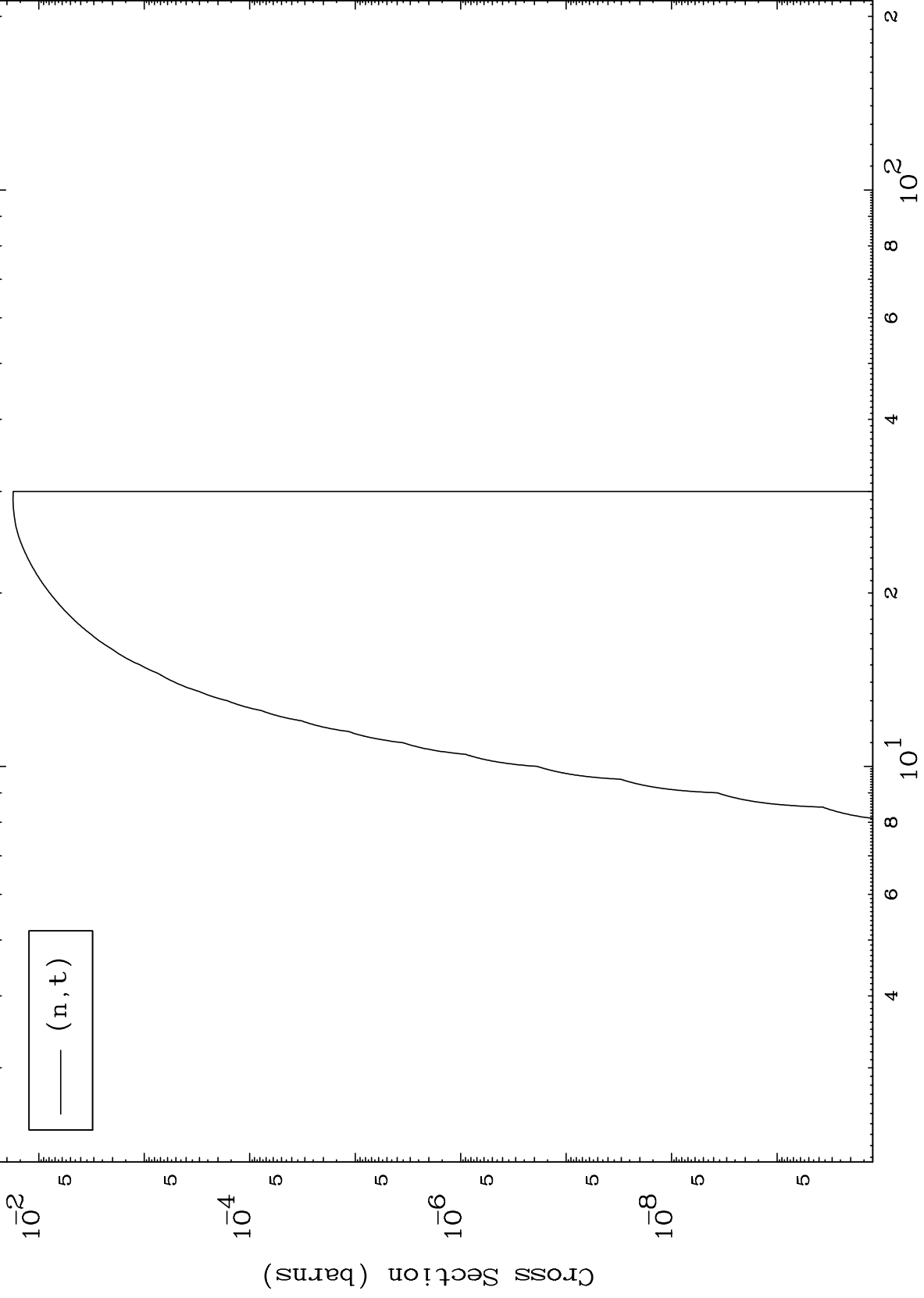
63-Eu-142m



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(n,t) Levels  
293 Kelvin Cross Sections

63-Eu-142m



13

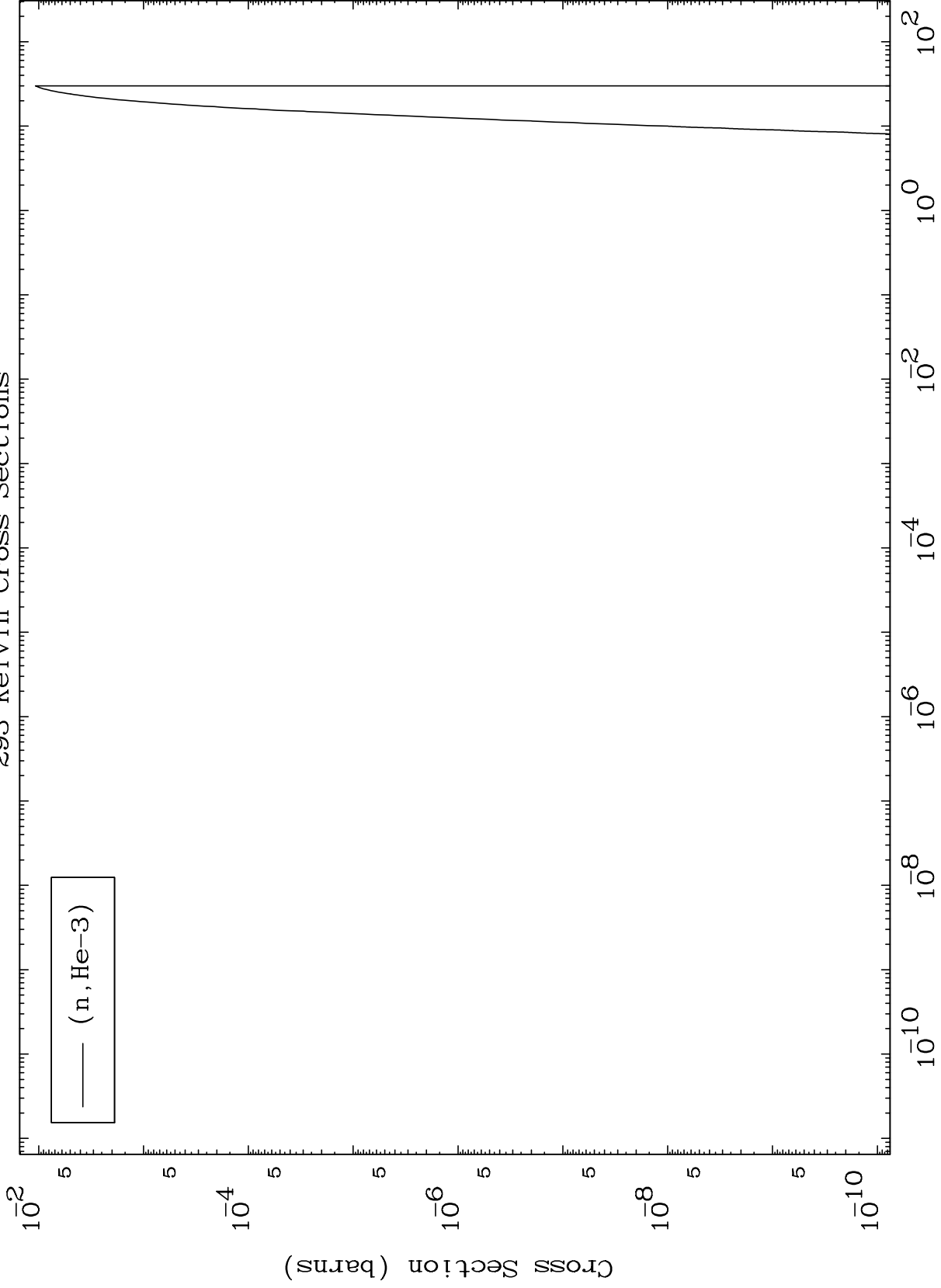
Incident Energy (MeV)

63-Eu-142m

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(n,He3) Levels  
293 Kelvin Cross Sections

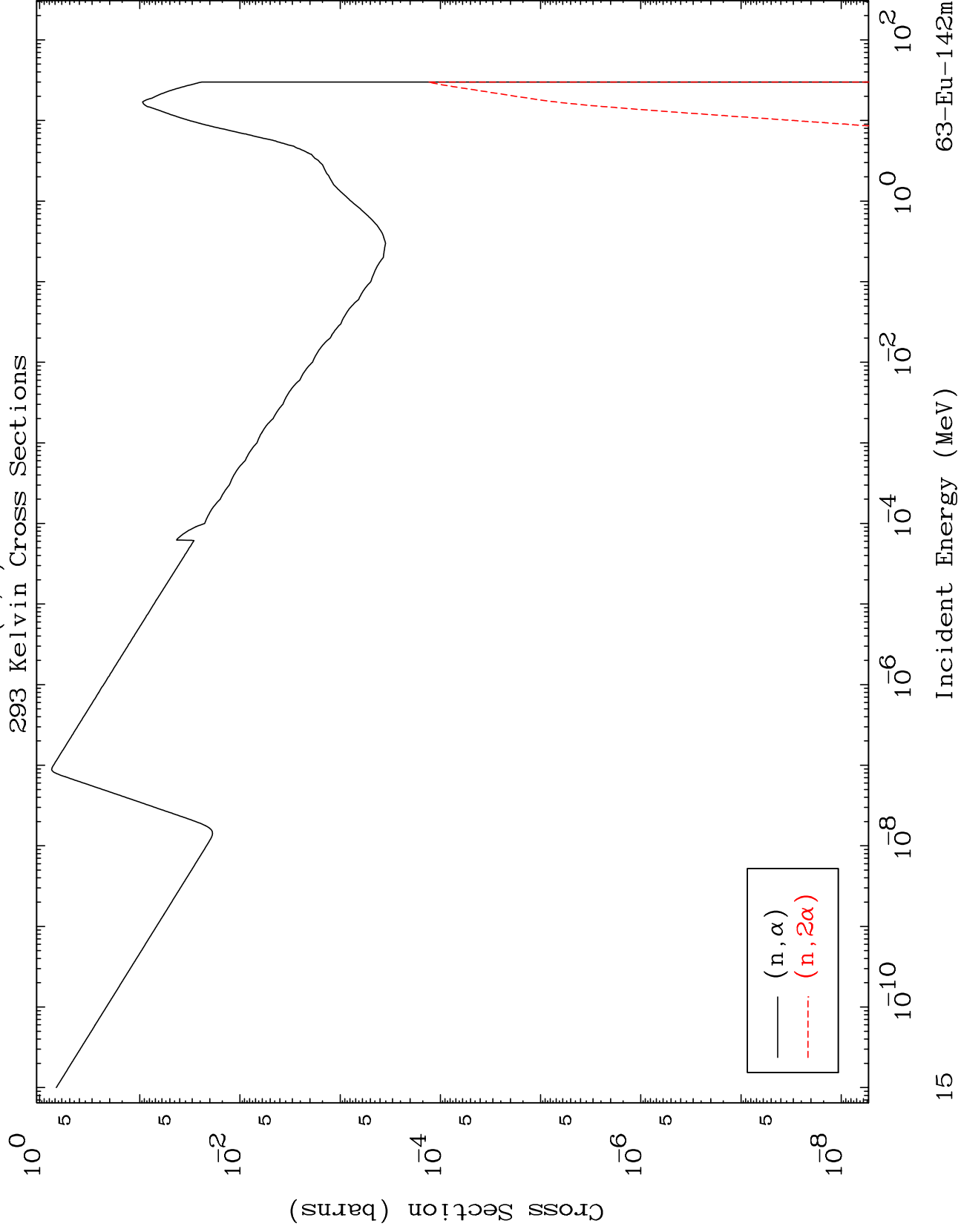
63-Eu-142m



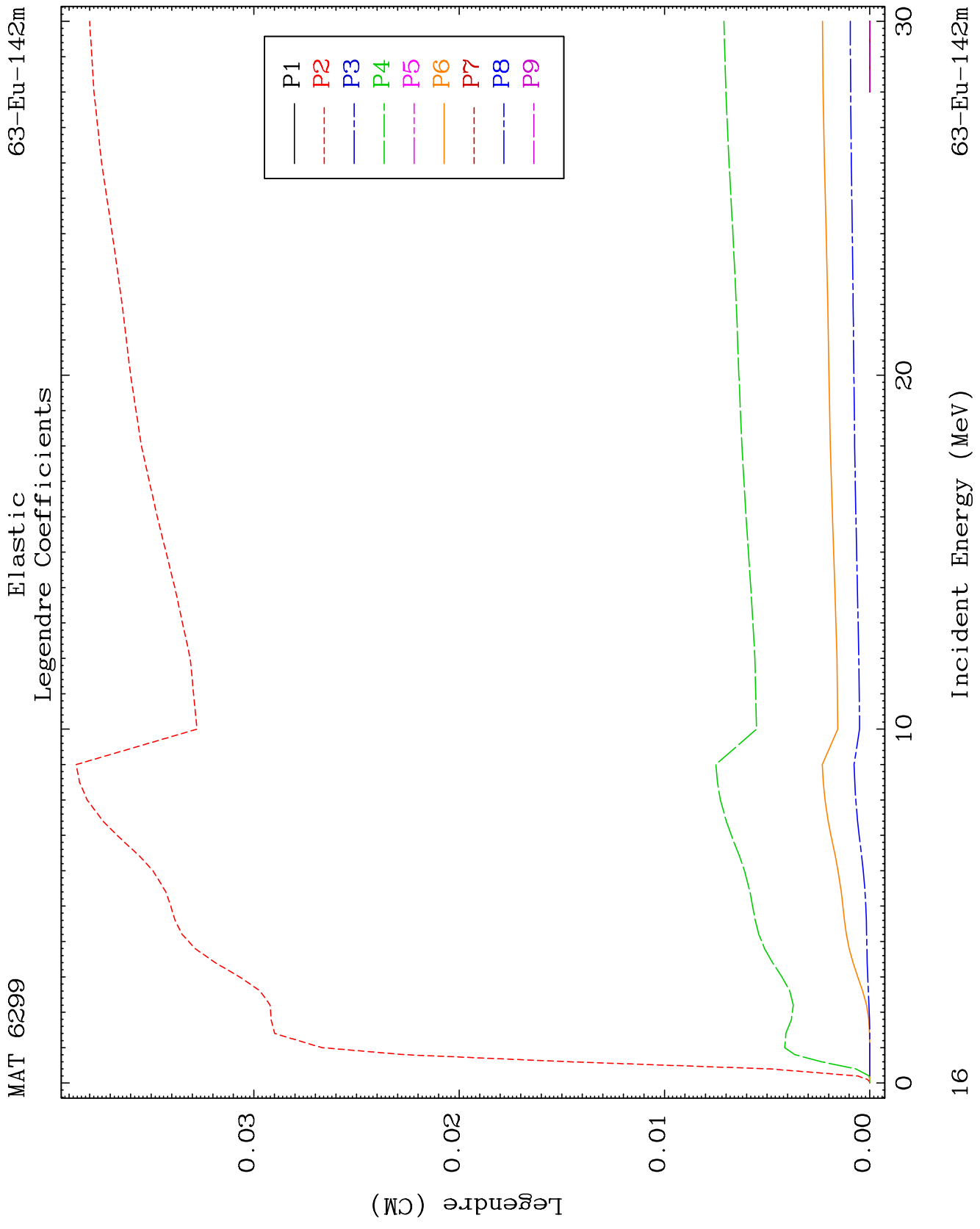
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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

63-Eu-142m







63-Eu-142m

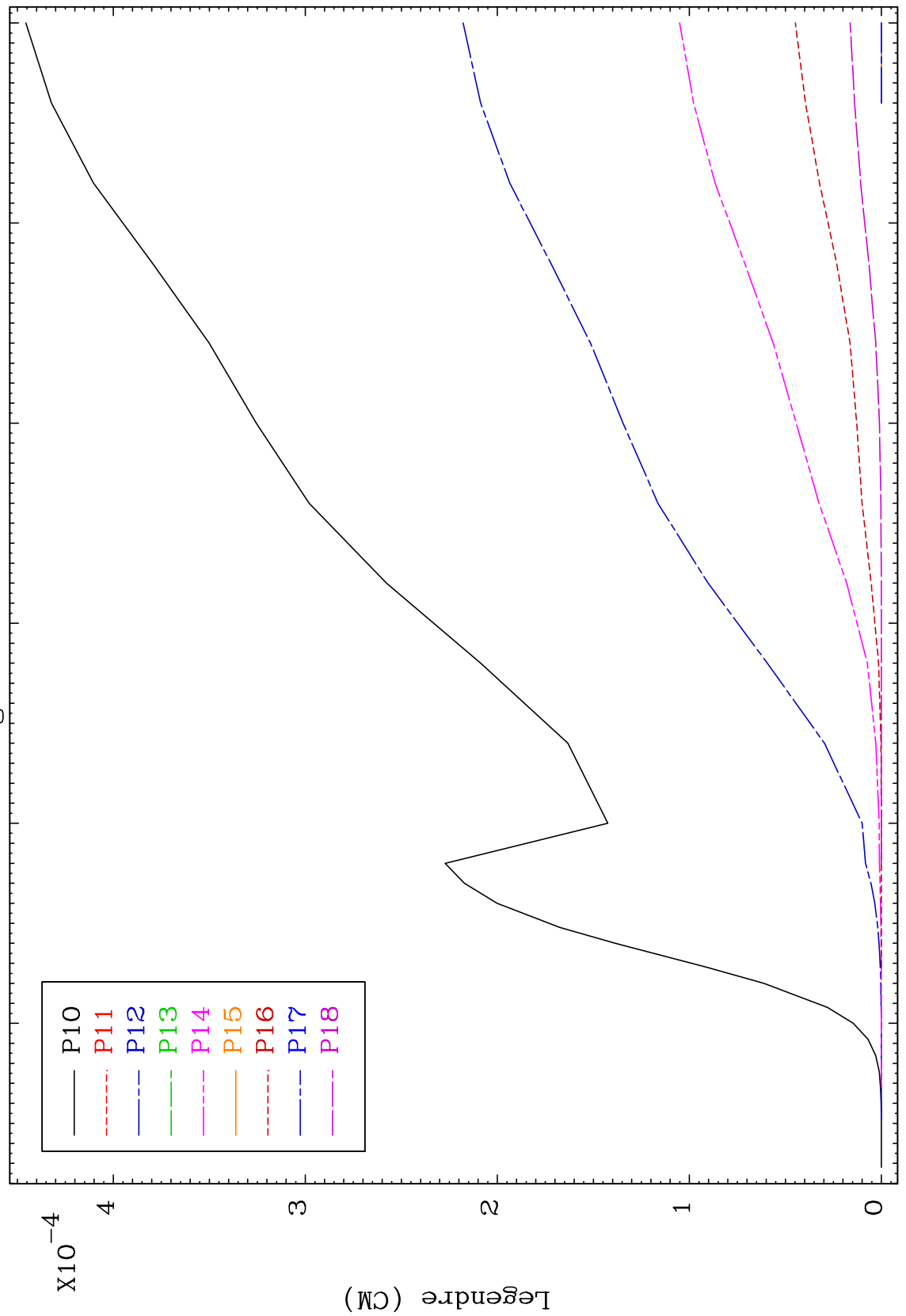
Incident Energy (MeV)

16

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Elastic Legendre Coefficients

63-Eu-142m



17

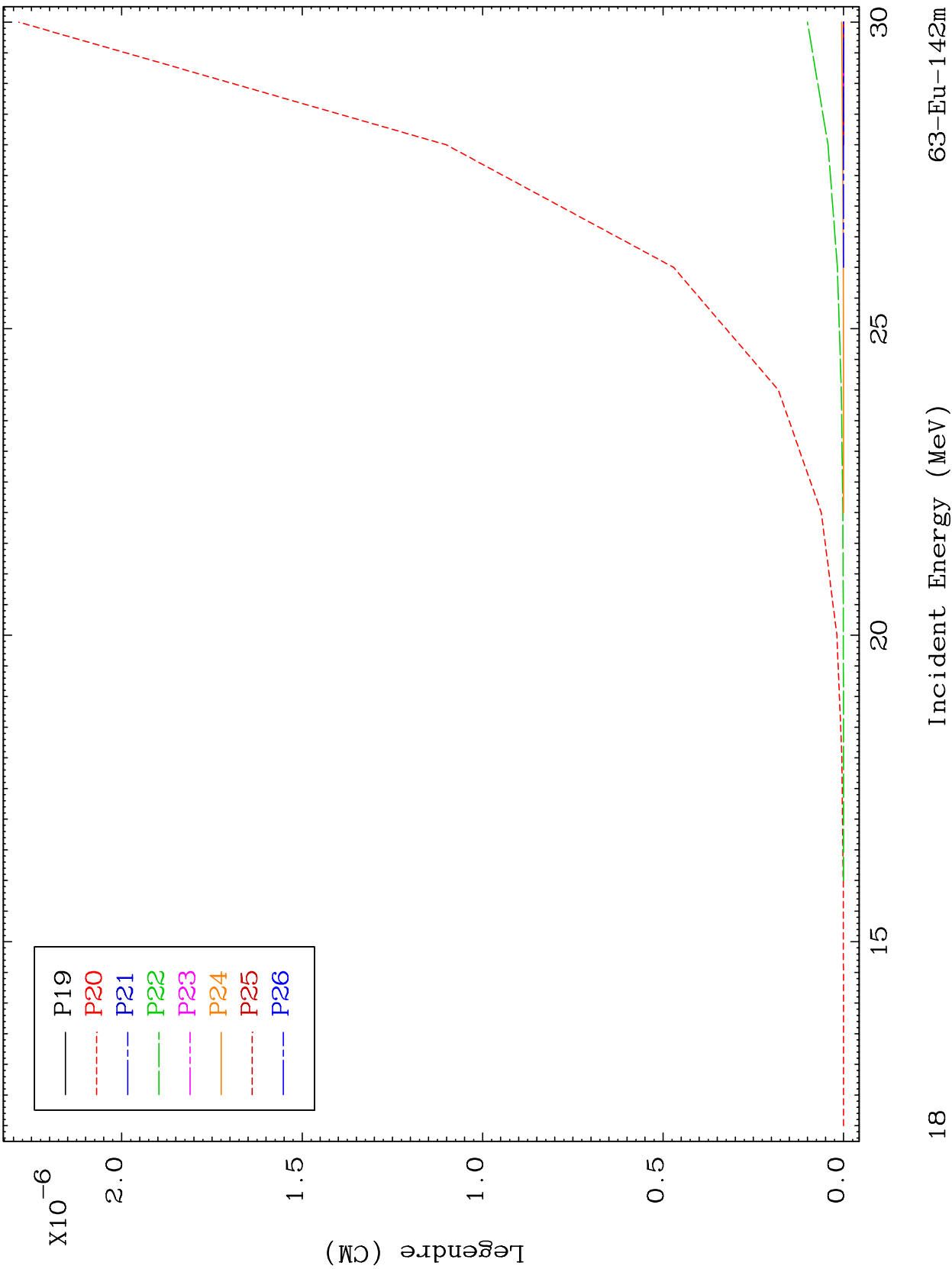
63-Eu-142m

Incident Energy (MeV)

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### Elastic Legendre Coefficients

63-Eu-142m



18

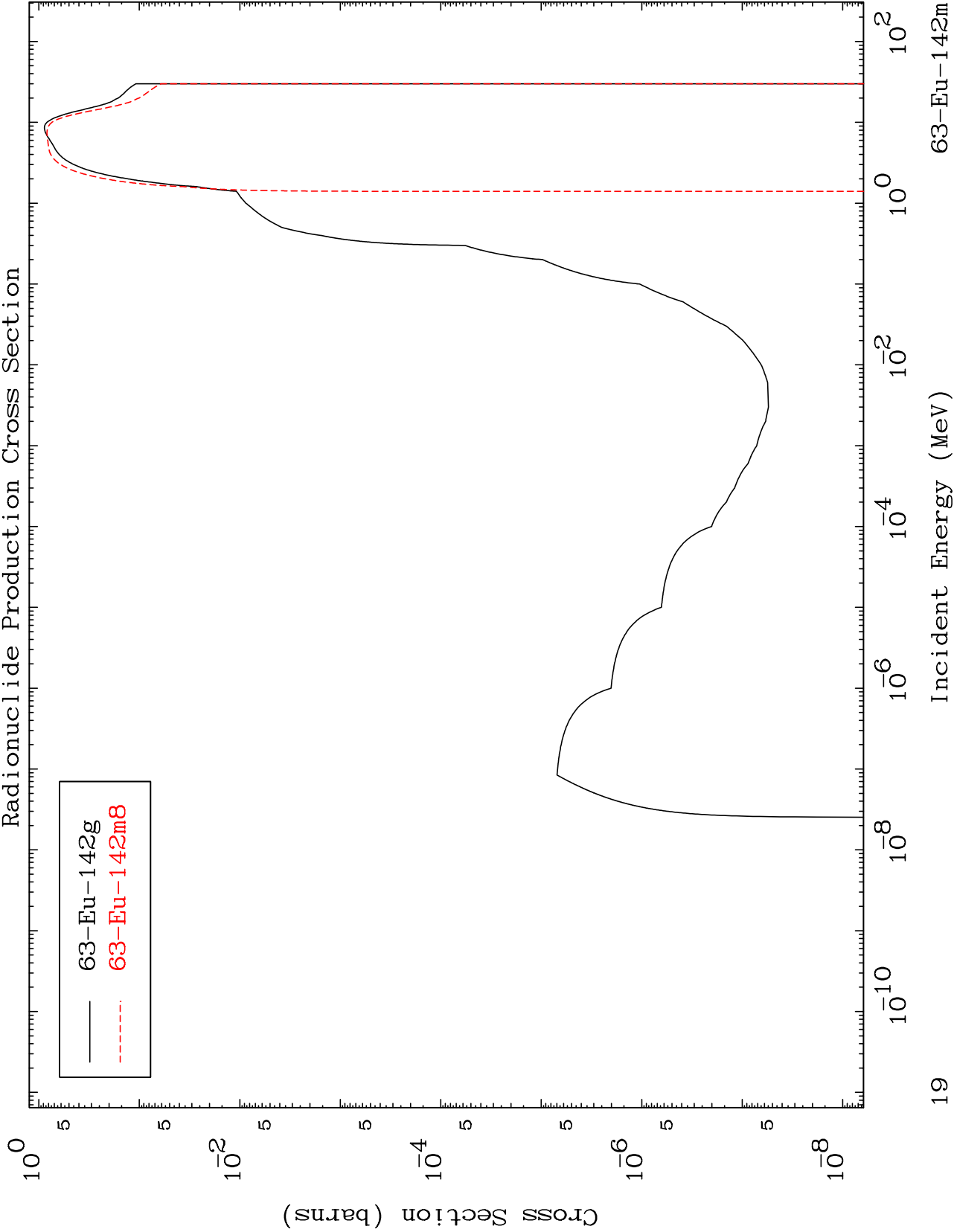
Incident Energy (MeV)

63-Eu-142m

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Inelastic  
Radionuclide Production Cross Section

63-Eu-142m

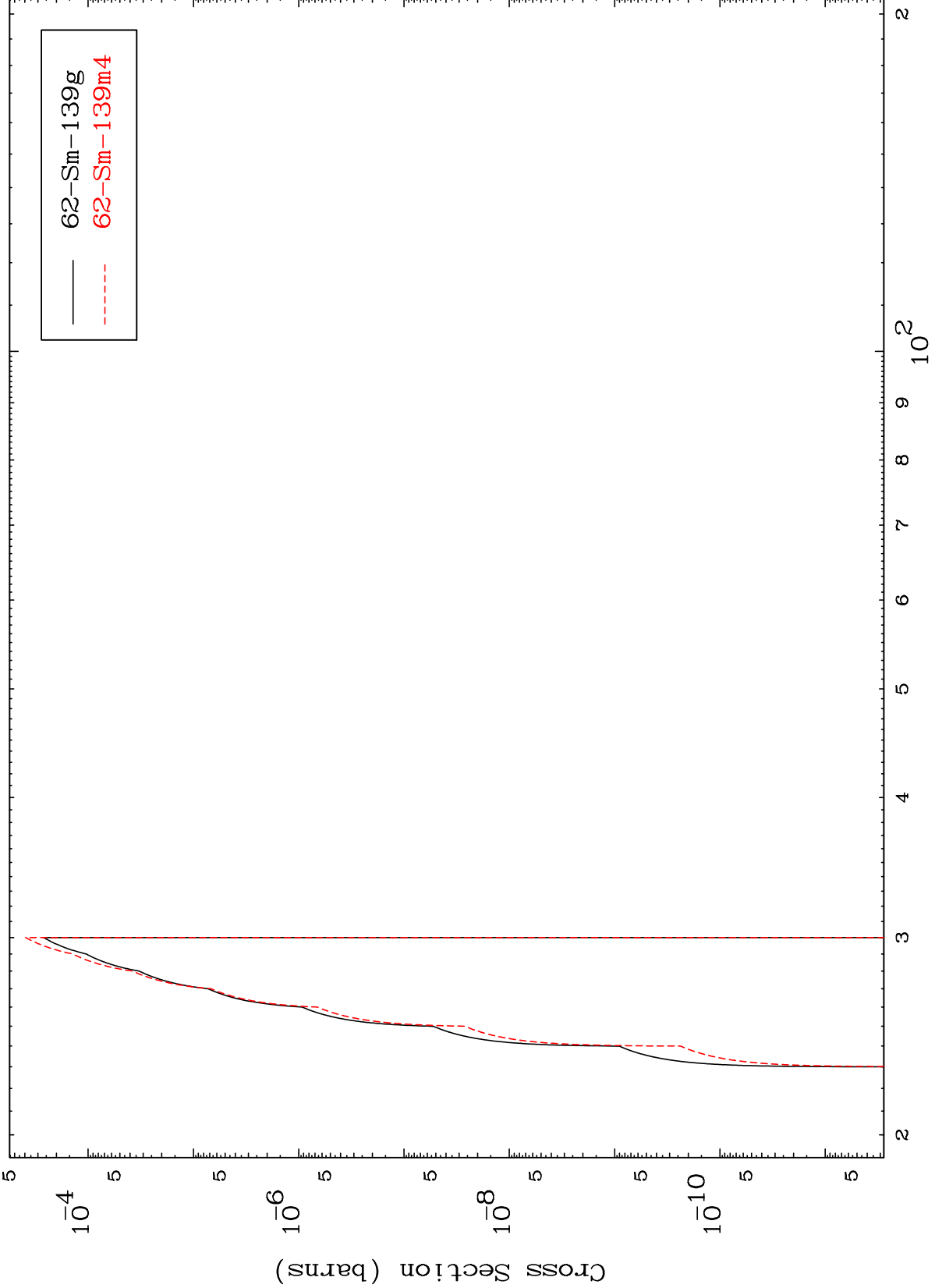


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(n,2n) d

63-Eu-142m

Radionuclide Production Cross Section



20

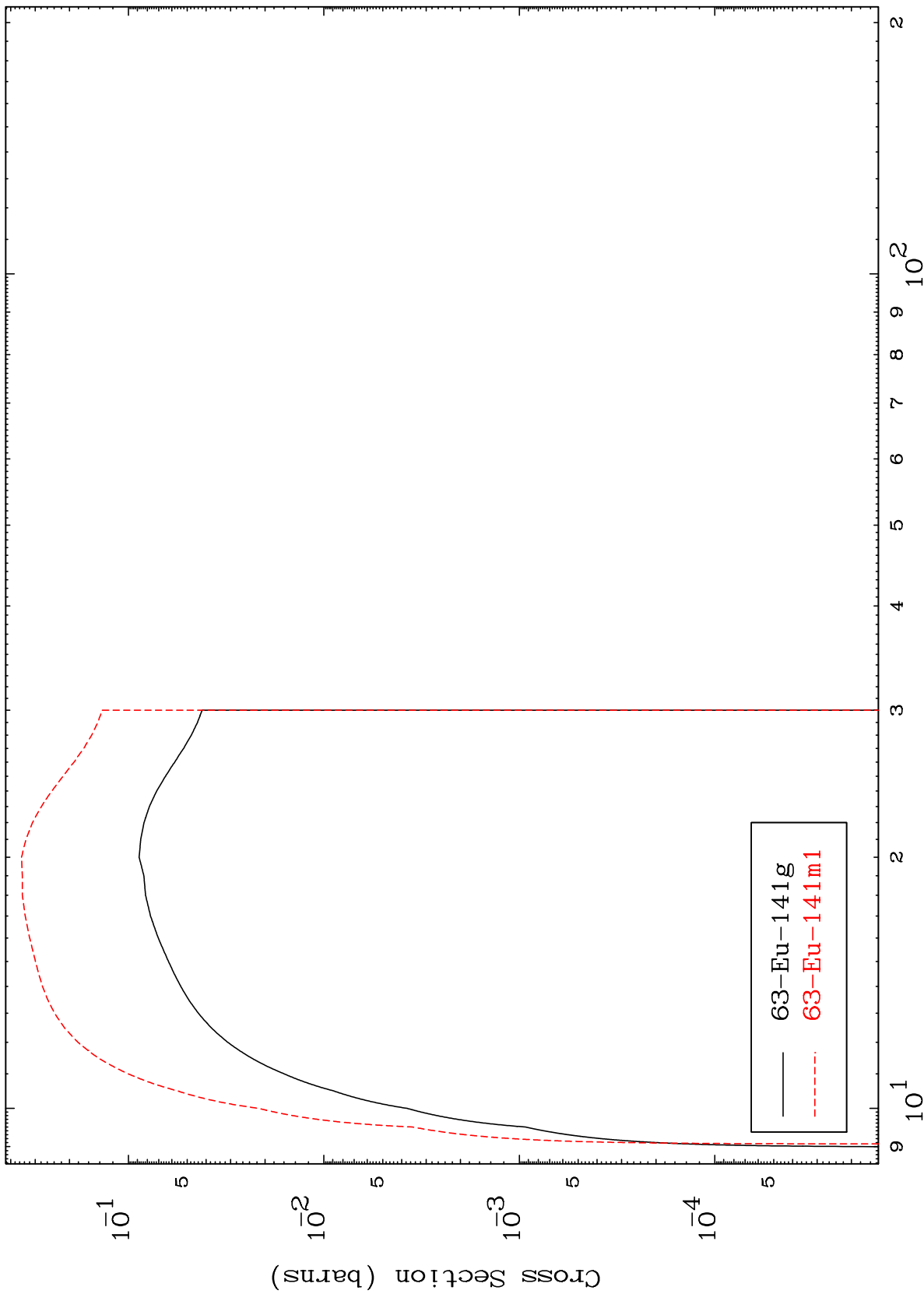
Incident Energy (MeV)

63-Eu-142m

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63-Eu-142m

(n,2n)  
Radionuclide Production Cross Section



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

63-Eu-142m

Incident Energy (MeV)

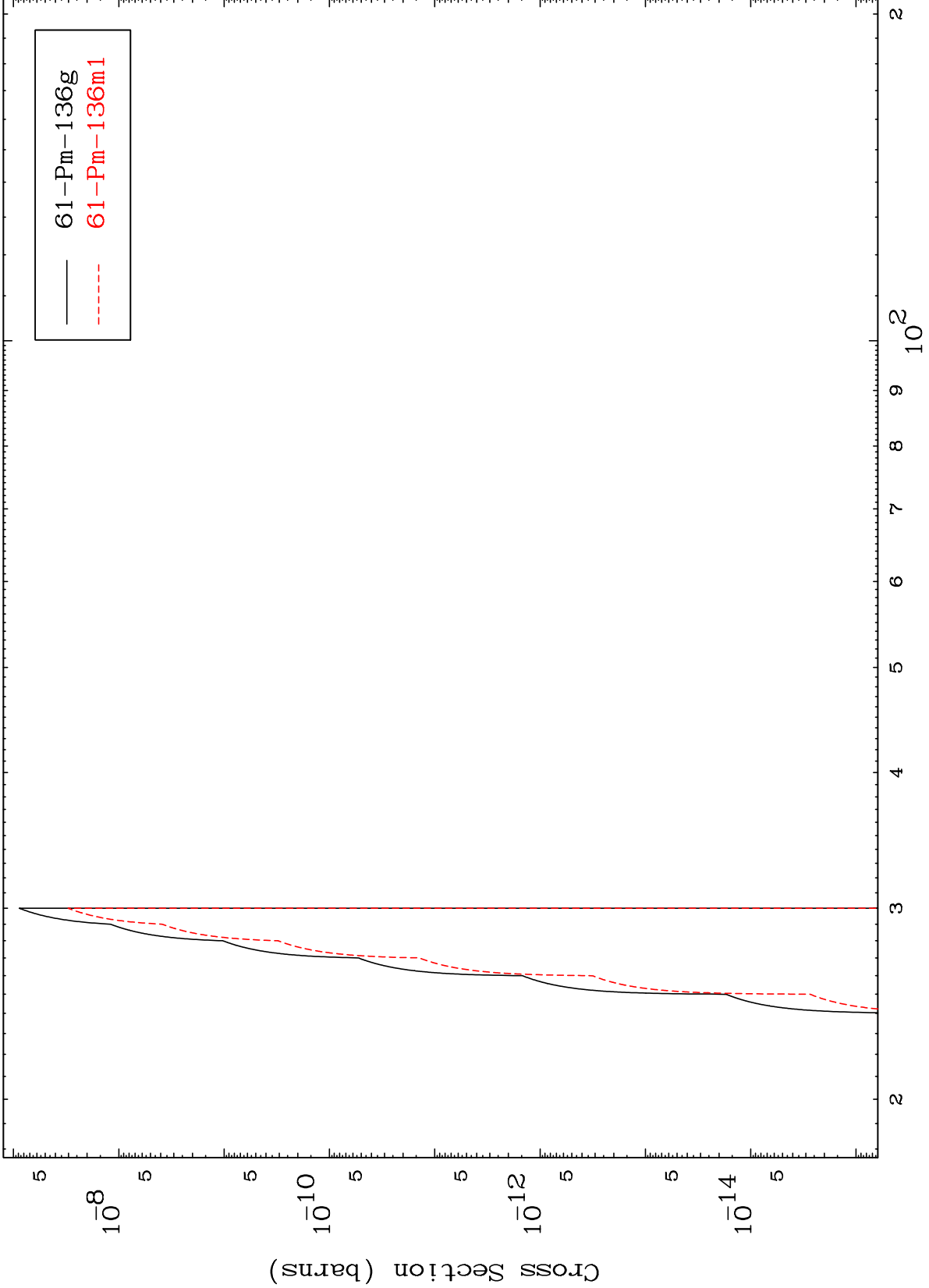
21

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(n,3n)  $\alpha$

63-Eu-142m

Radionuclide Production Cross Section



22

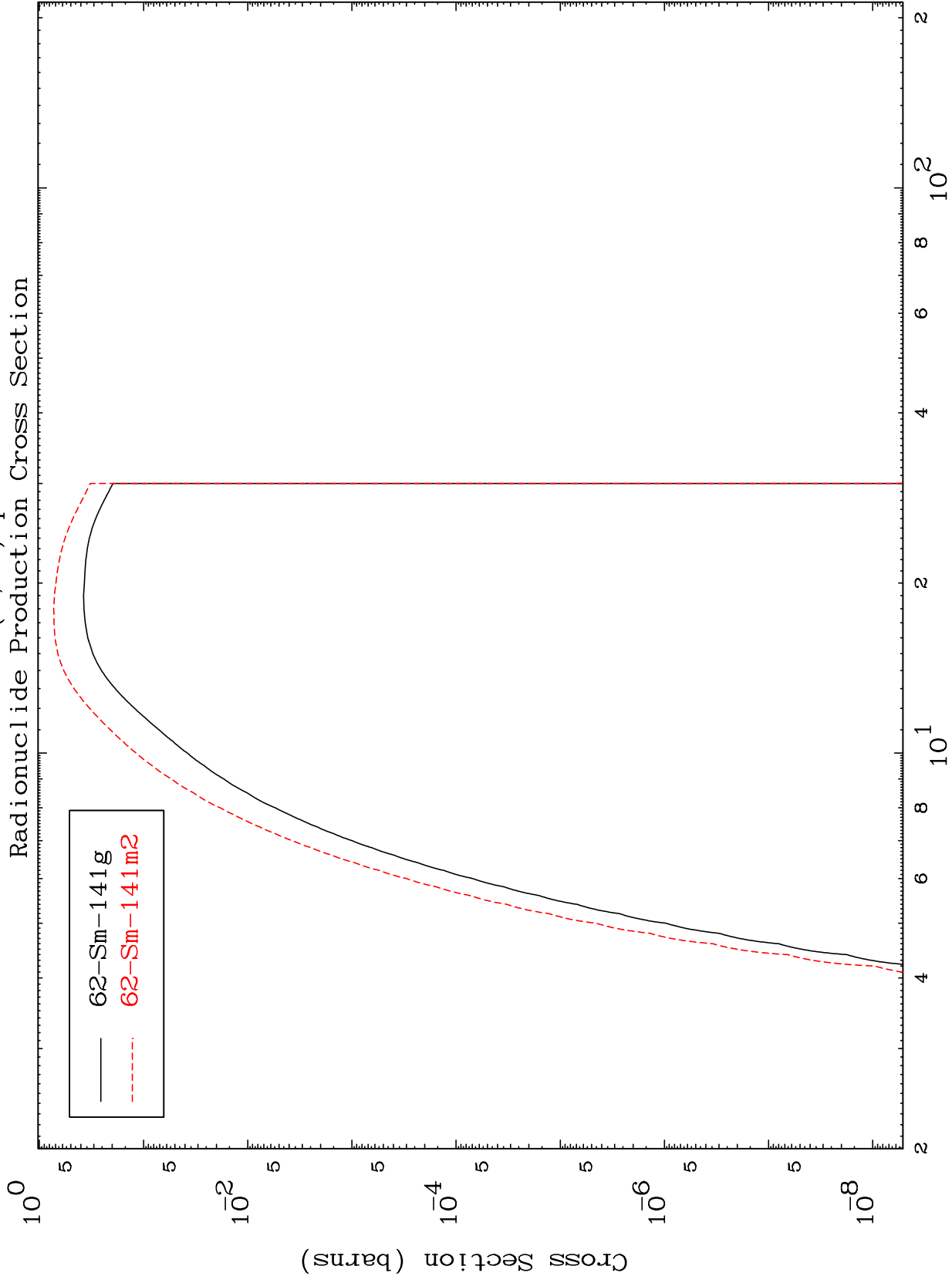
Incident Energy (MeV)

63-Eu-142m

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63-Eu-142m

(n,n') p  
Radionuclide Production Cross Section



— 62-Sm-141g  
- - - 62-Sm-141m2

63-Eu-142m

Incident Energy (MeV)

23

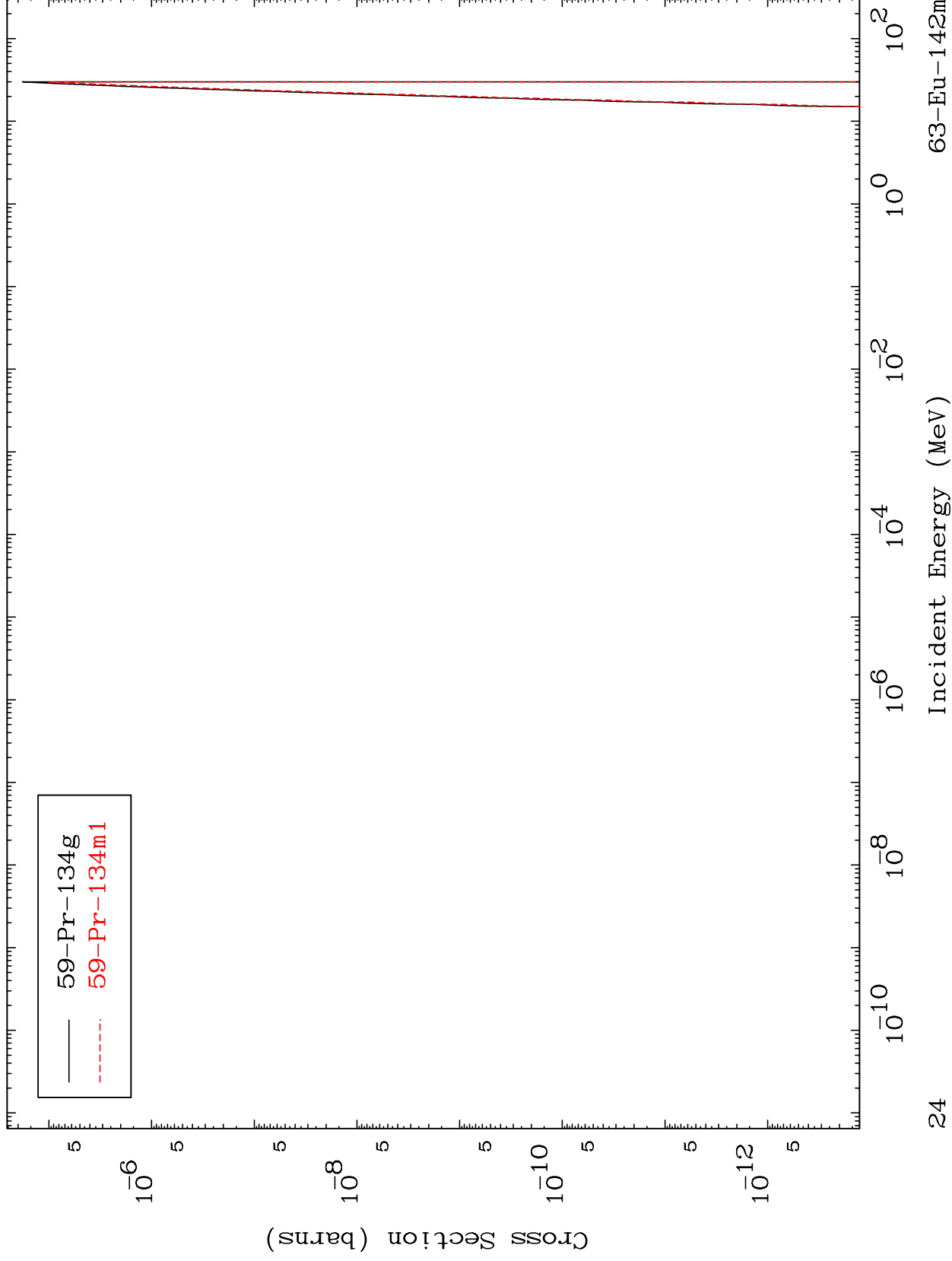


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(n,n') 2α

63-Eu-142m

Radionuclide Production Cross Section

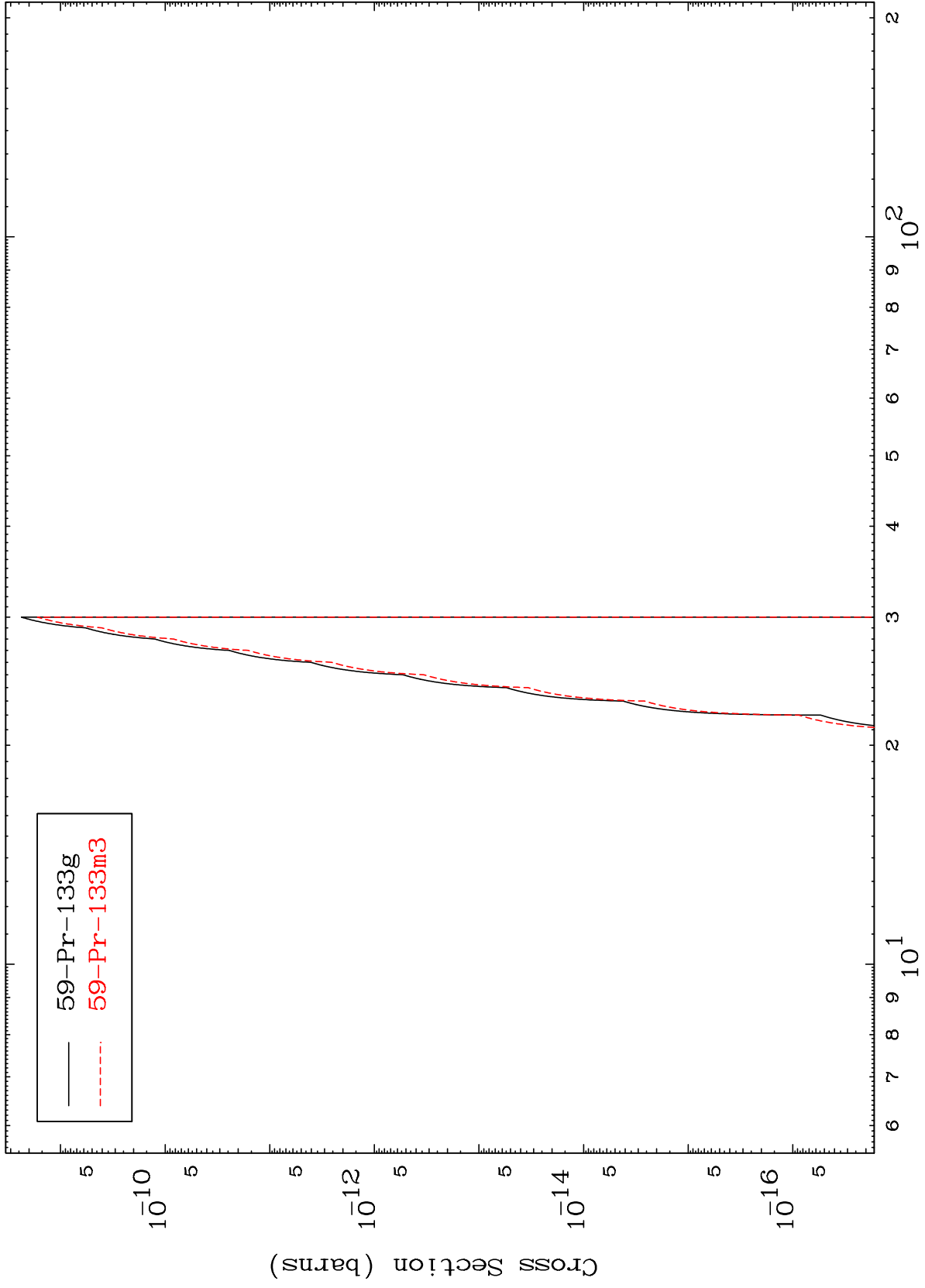


MAT 6299

(n,2n) 2α

63-Eu-142m

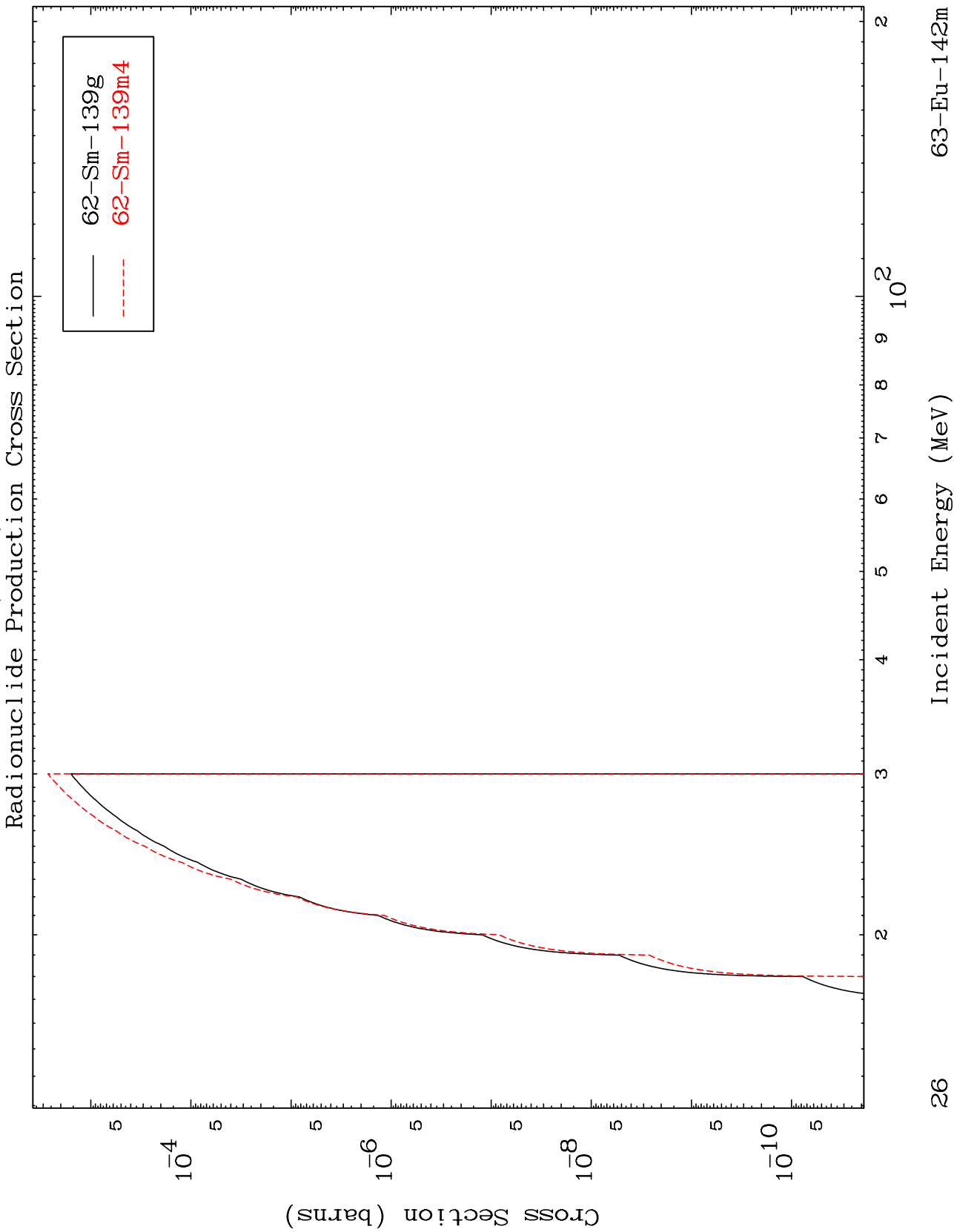
Radionuclide Production Cross Section



25

Incident Energy (MeV)

63-Eu-142m

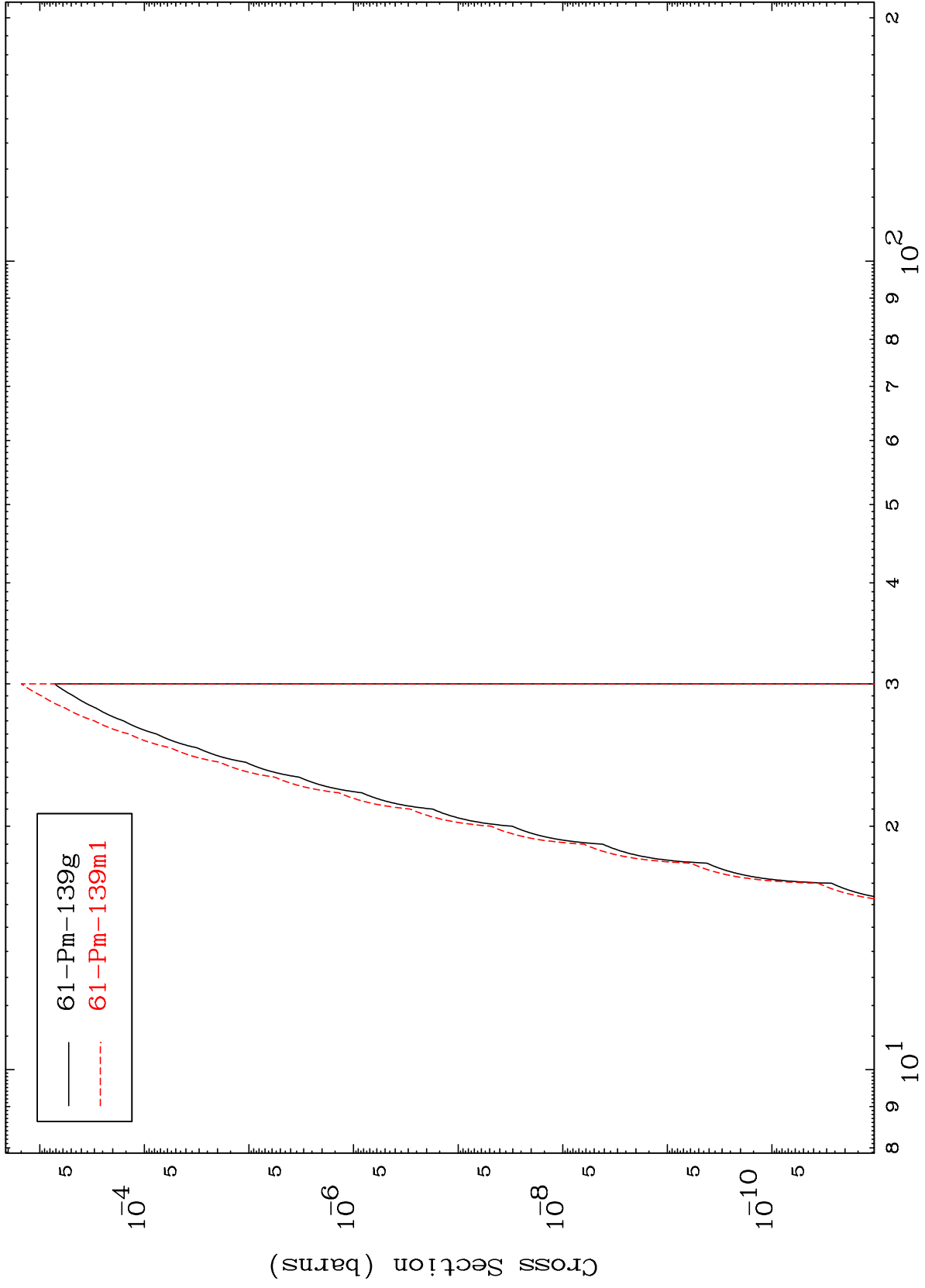


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(n,n') He-3

63-Eu-142m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

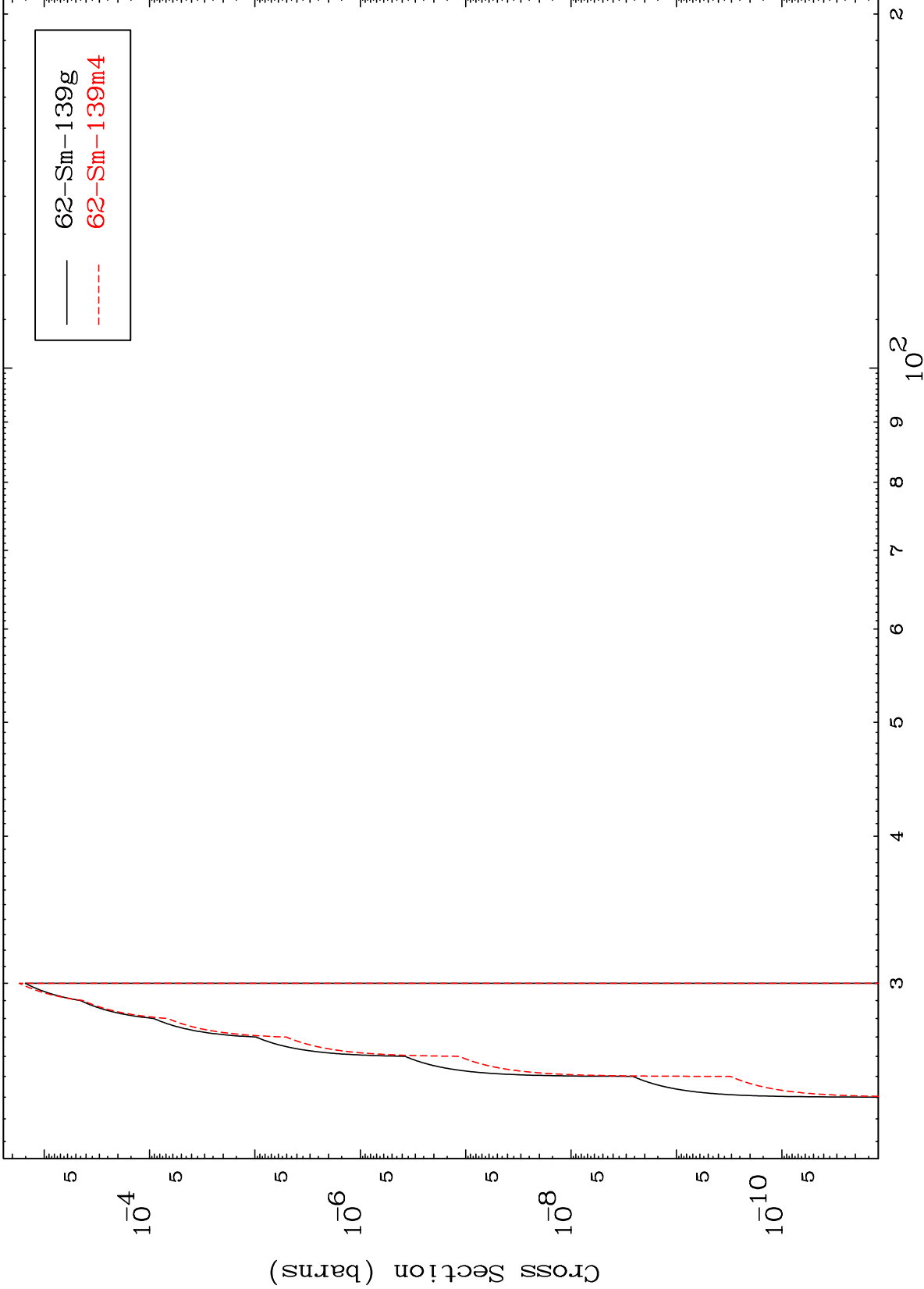
63-Eu-142m

MAT 6299

(n,3n) p

63-Eu-142m

Radionuclide Production Cross Section



62-Sm-139g  
62-Sm-139m4

28

Incident Energy (MeV)

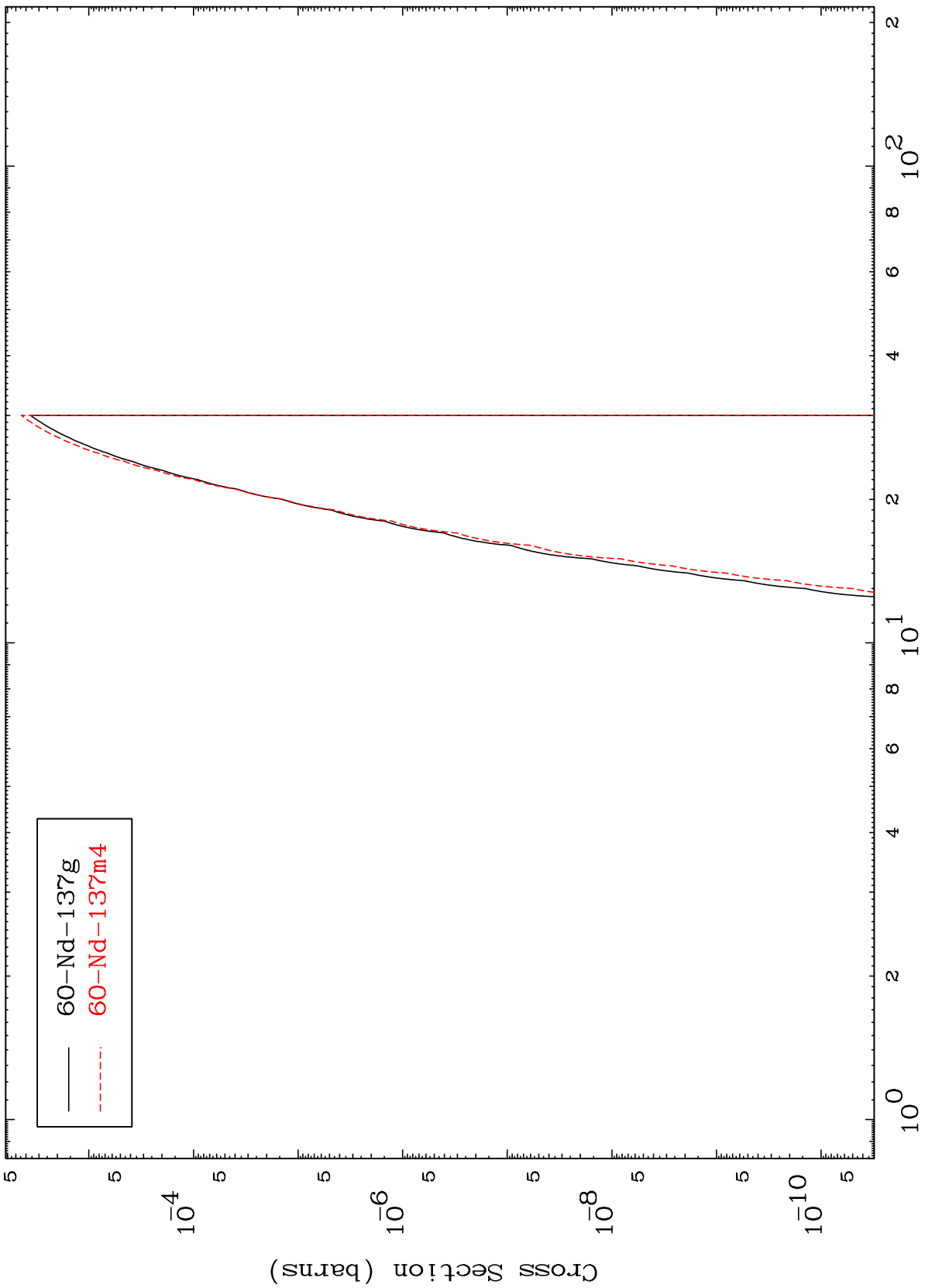
63-Eu-142m

MAT 6299

(n,n') p  $\alpha$

63-Eu-142m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

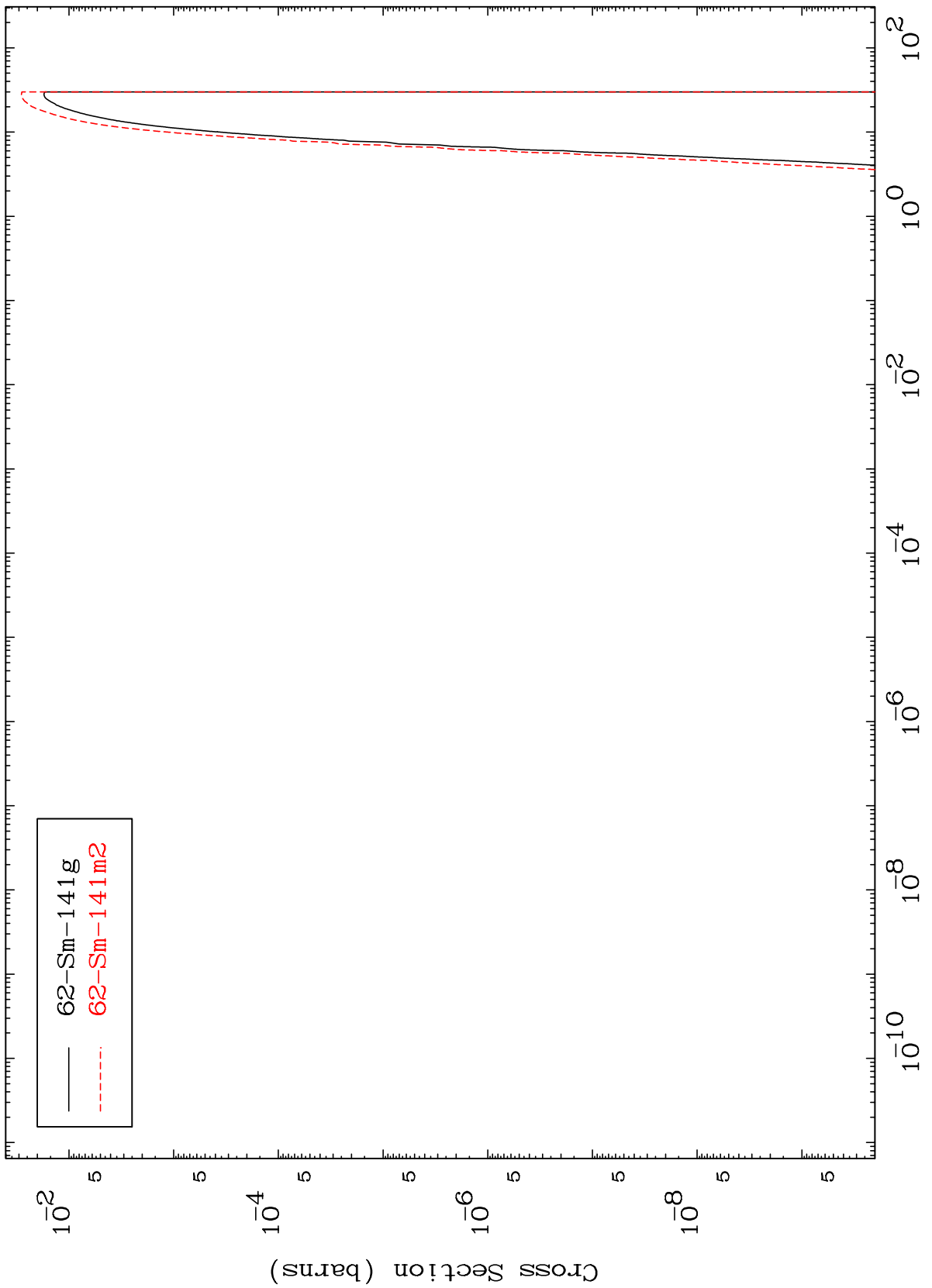
63-Eu-142m

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(n,d)

63-Eu-142m

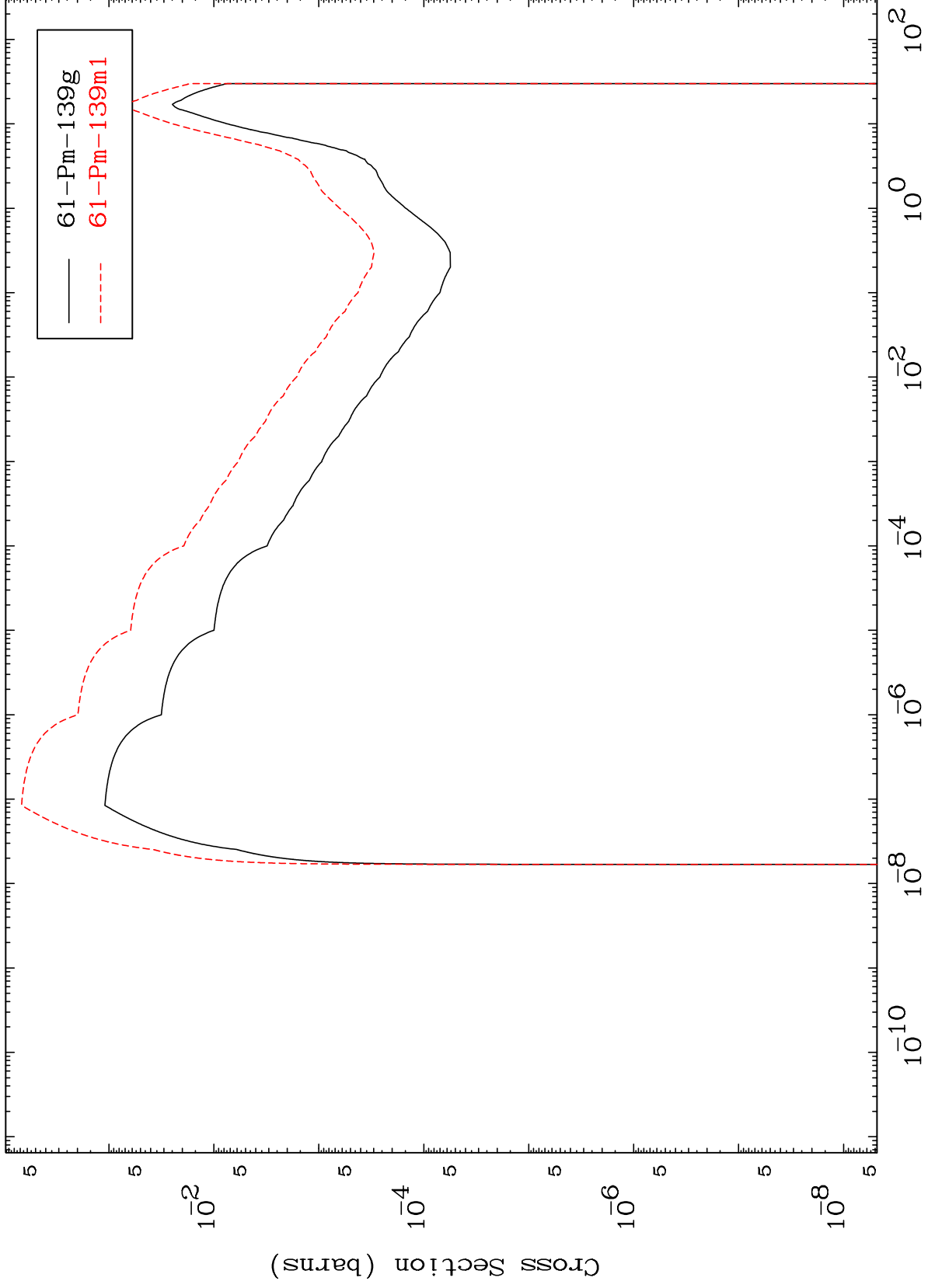
Radionuclide Production Cross Section



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63-Eu-142m

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



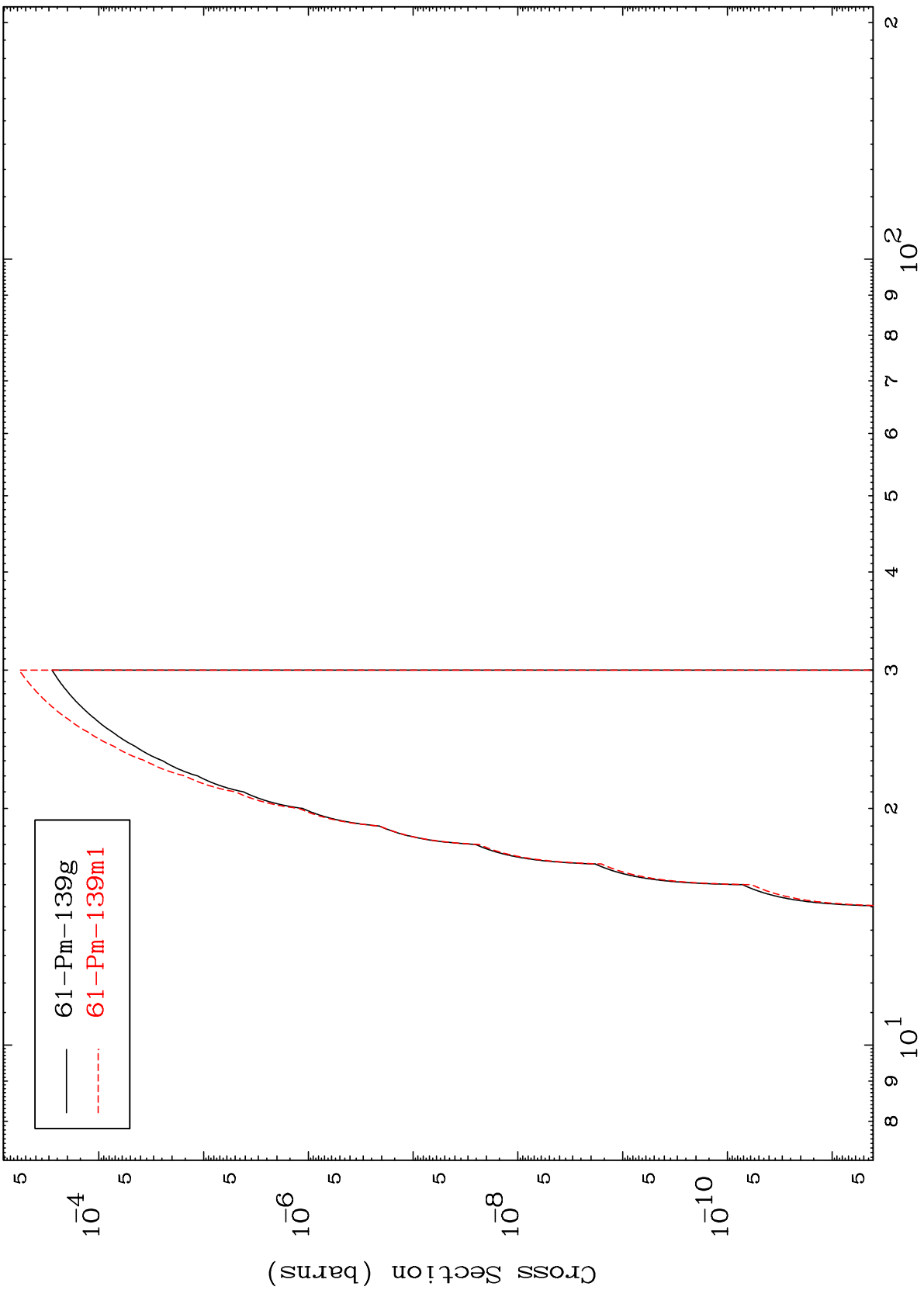


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(n,p) t

63-Eu-142m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

63-Eu-142m

MAT 6299

(n,d)  $\alpha$

63-Eu-142m

Radionuclide Production Cross Section

