

Program EVALPLOT
(Version 2021-1)

by

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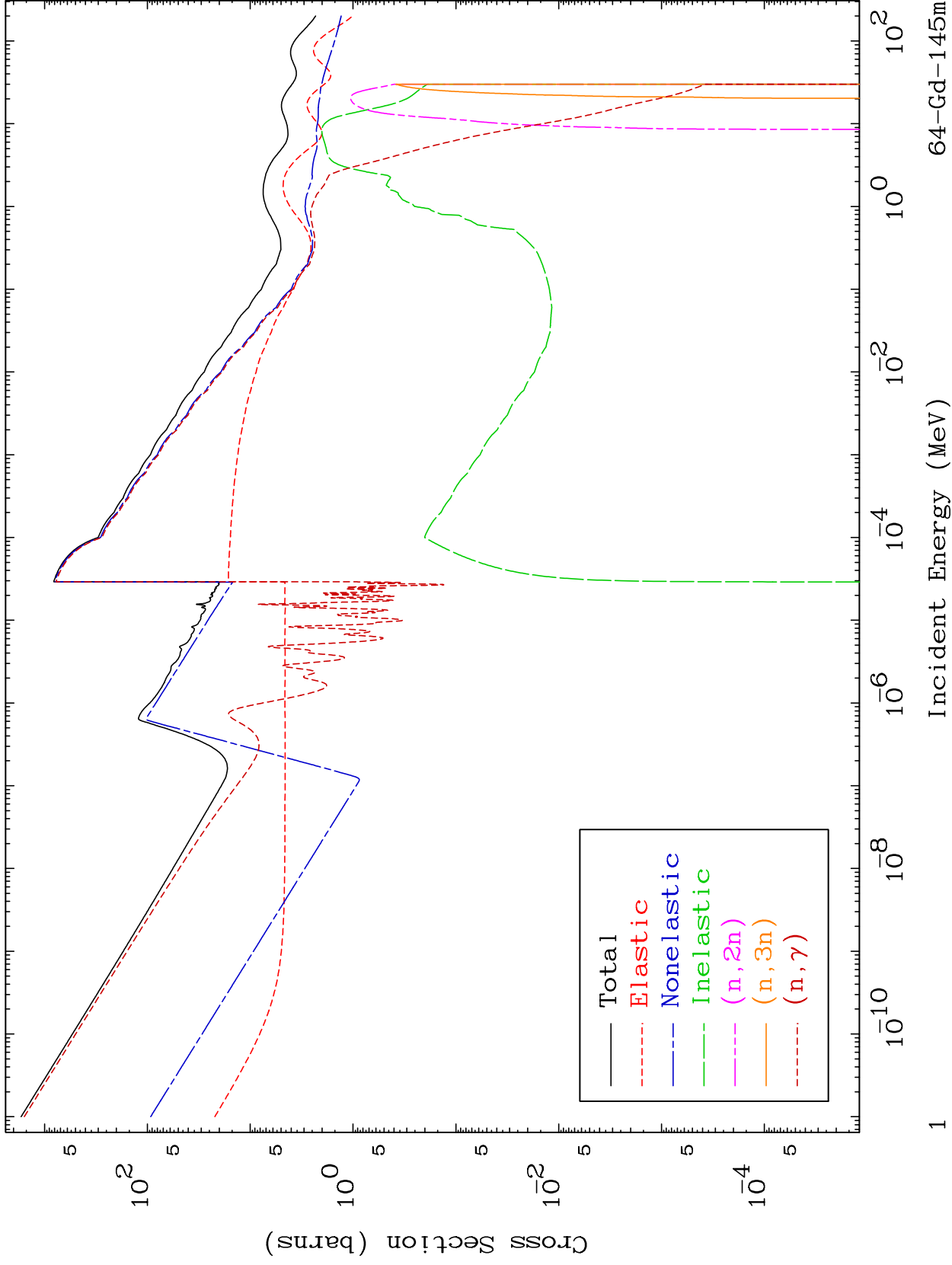
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Press Mouse Button to Start

MAT 6405

Neutron Major
293 Kelvin Cross Sections

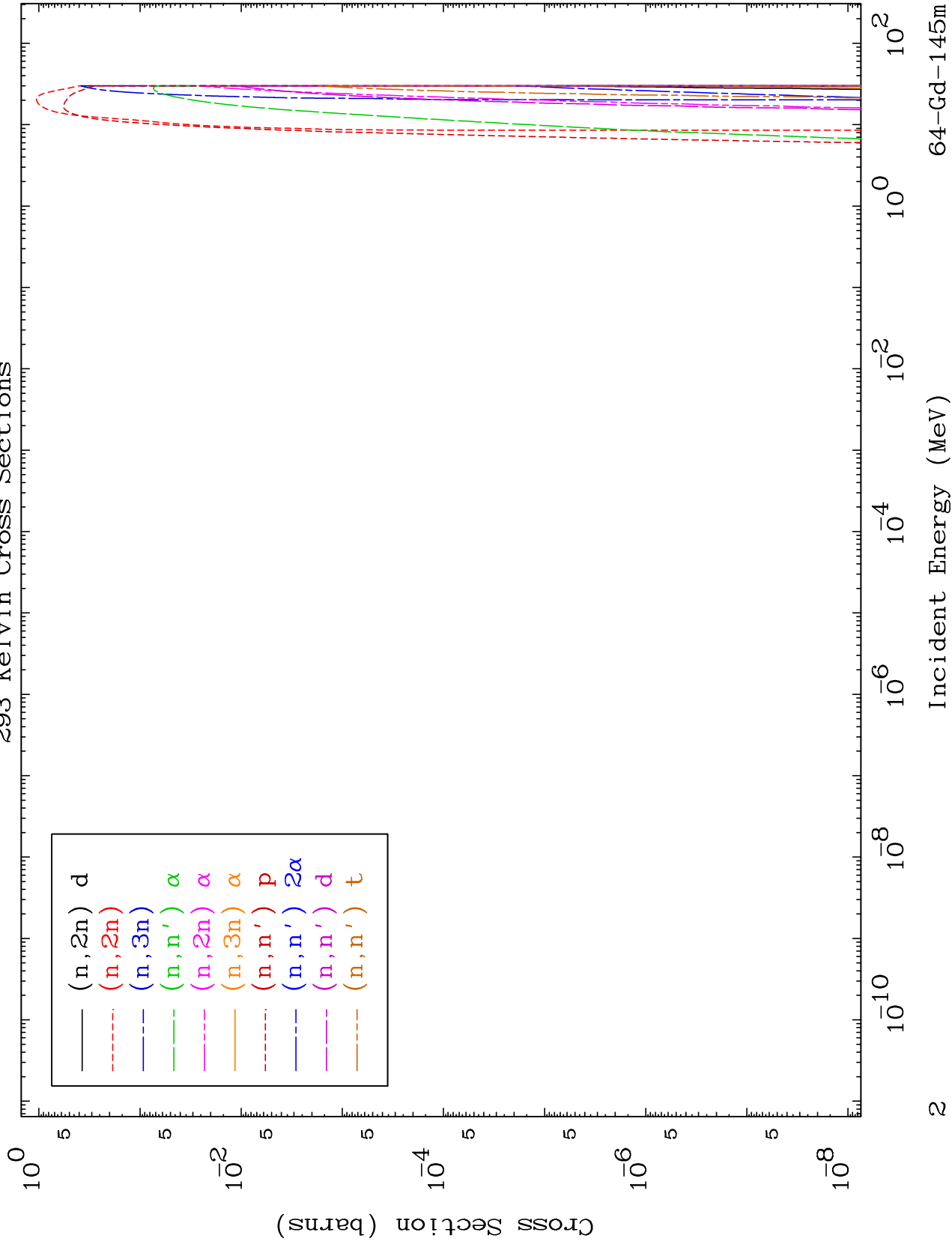
64-Gd-145m

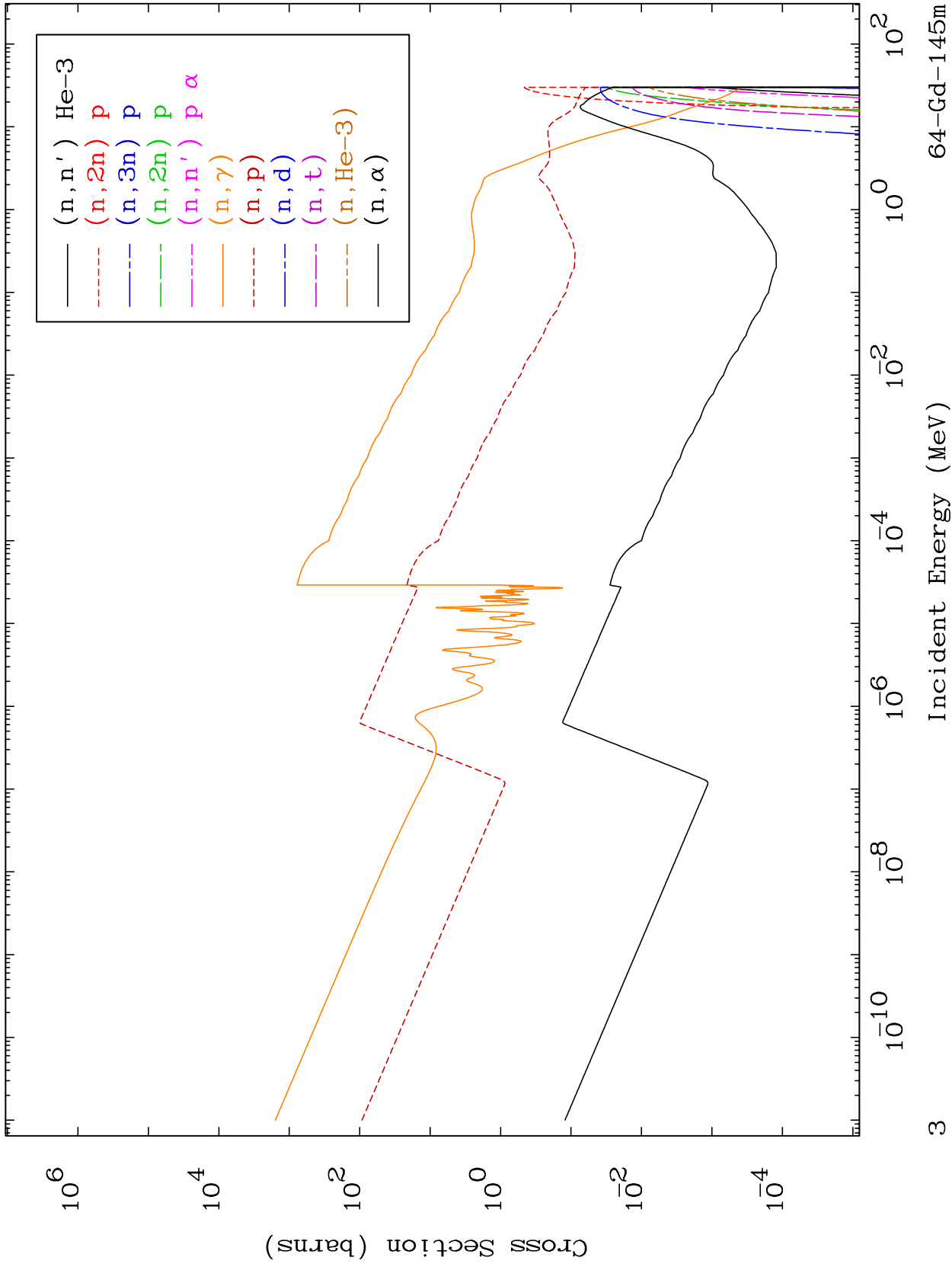


MAT 6405

Neutron Absorption
293 Kelvin Cross Sections

64-Gd-145m

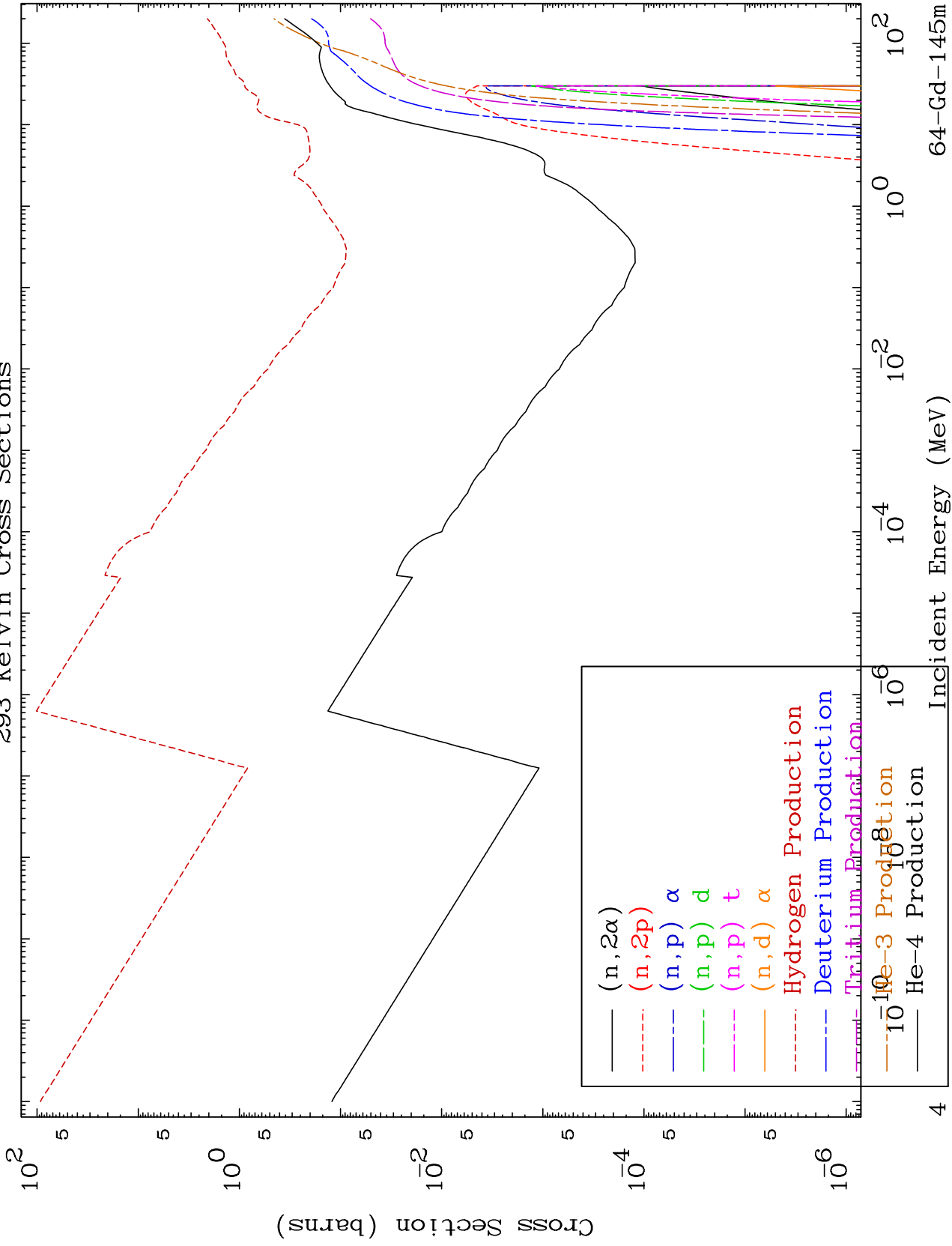




MAT 6405

Neutron Absorption
293 Kelvin Cross Sections

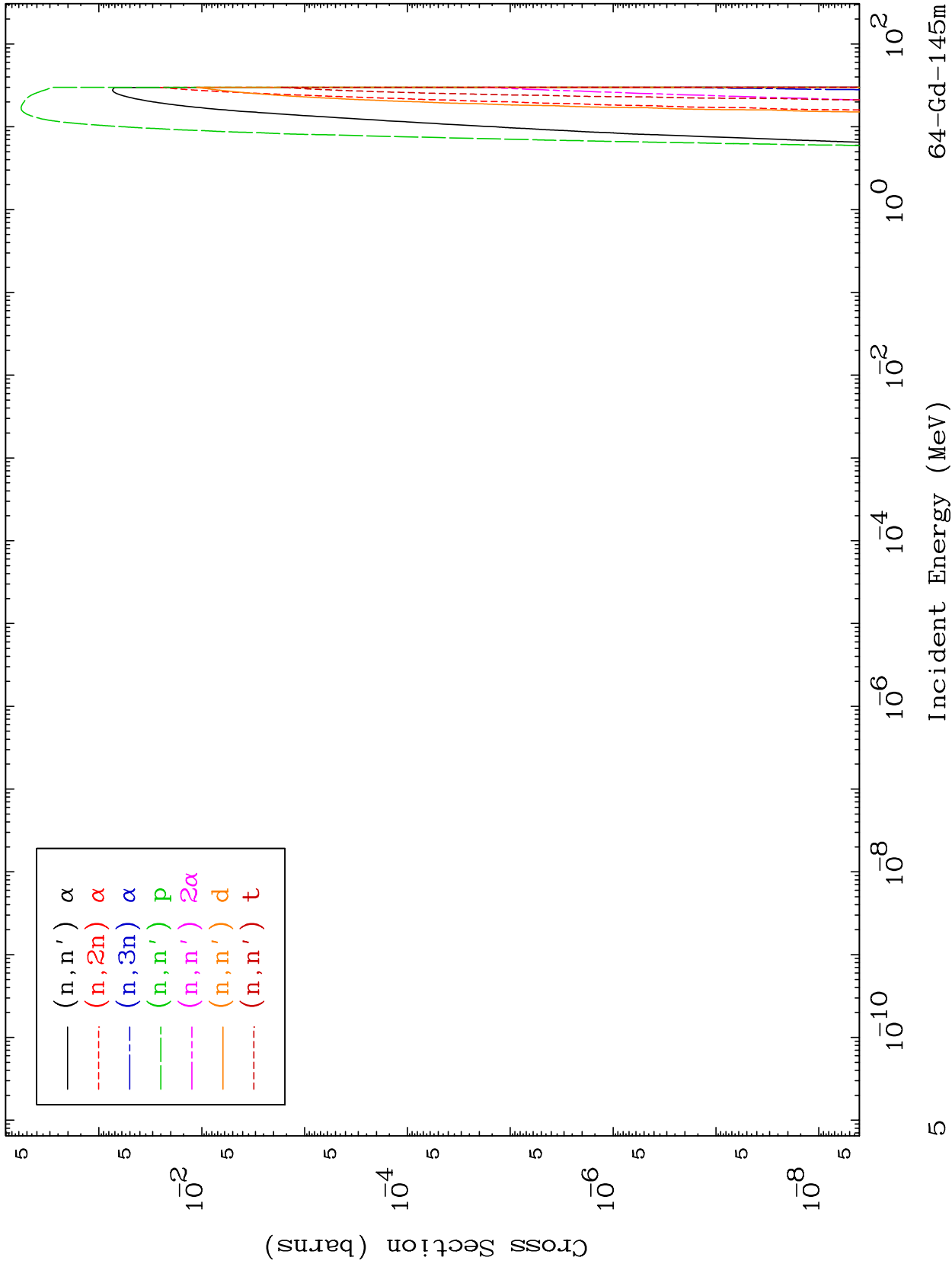
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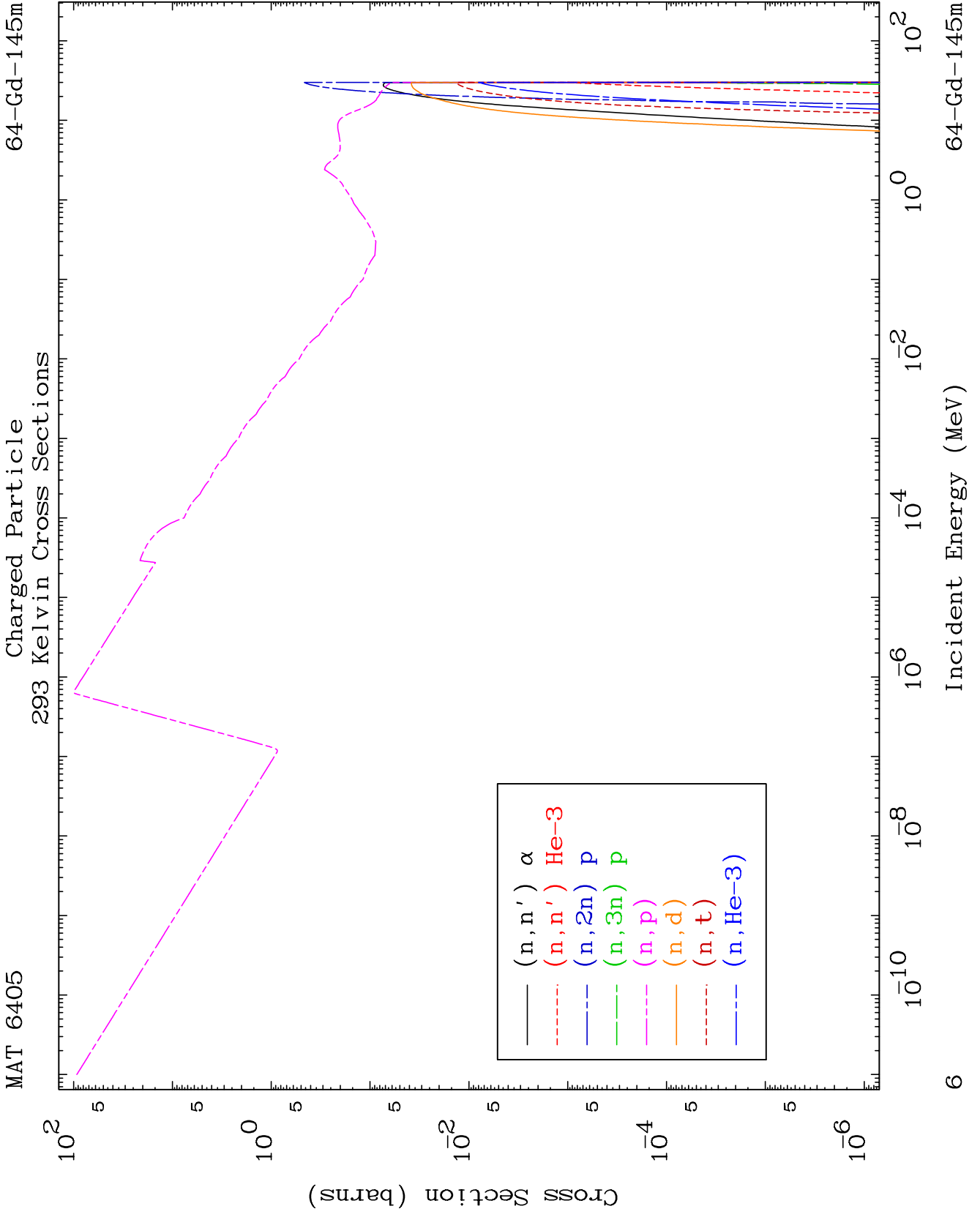


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Charged Particle
293 Kelvin Cross Sections

64-Gd-145m

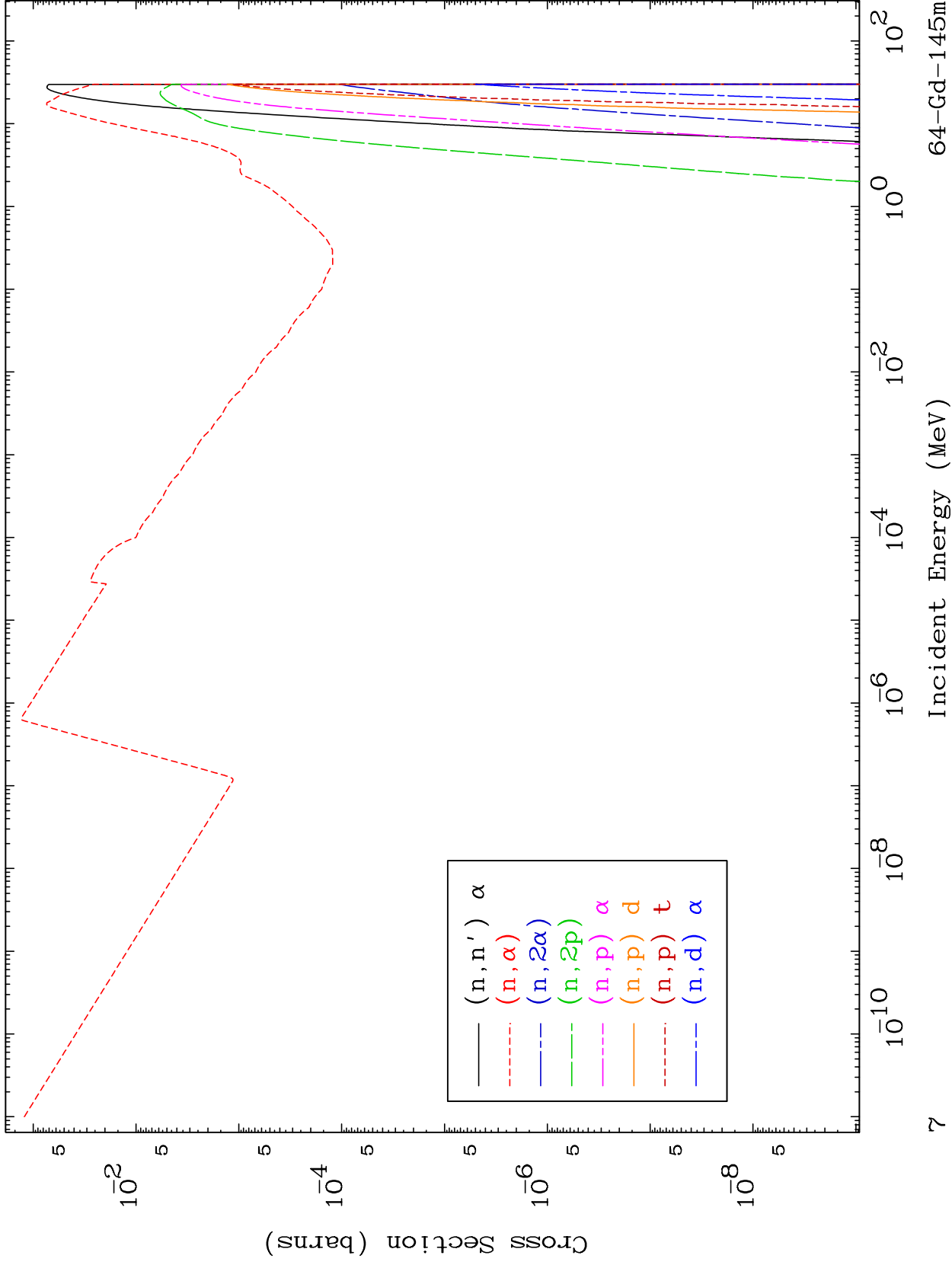


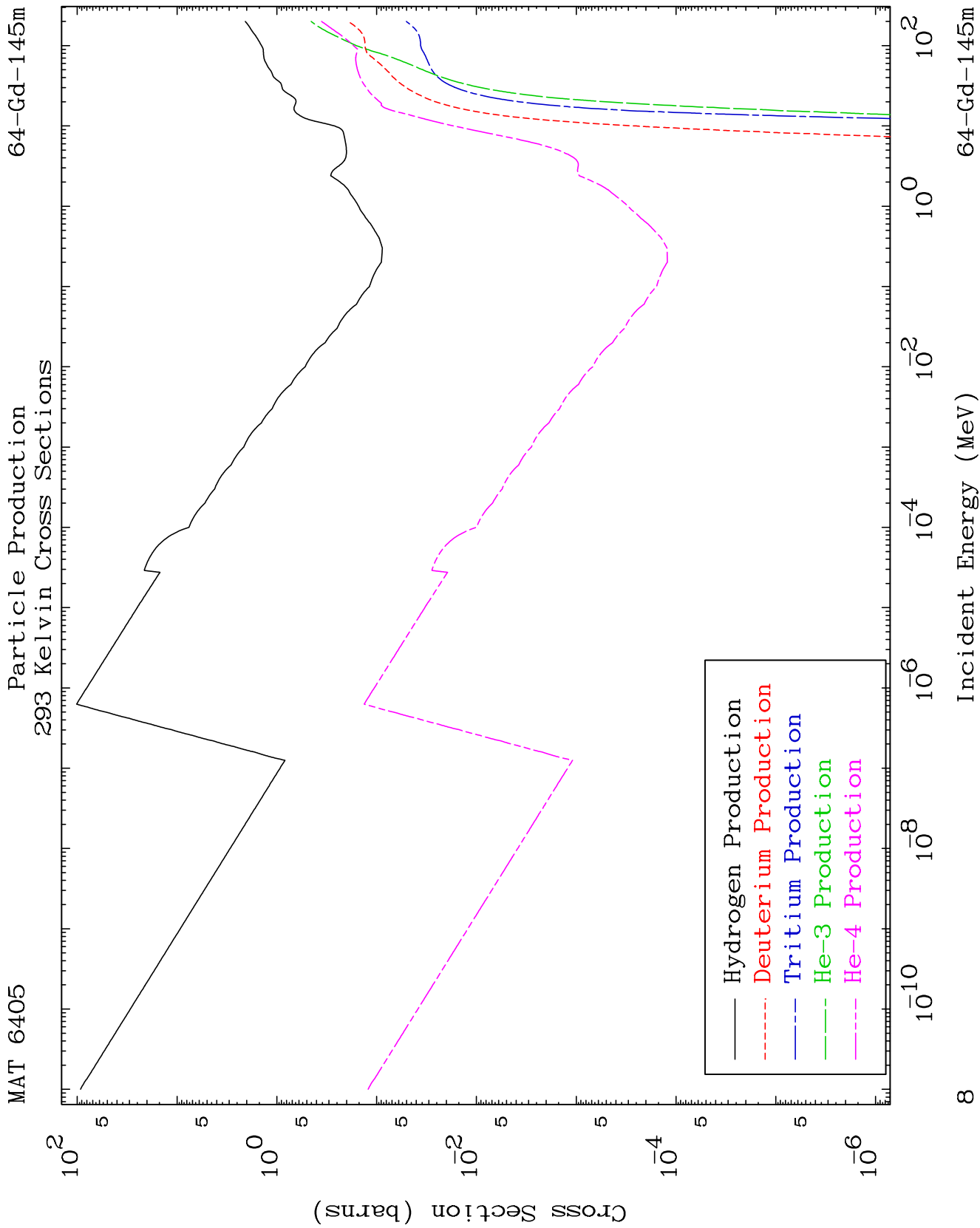


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Charged Particle
293 Kelvin Cross Sections

64-Gd-145m

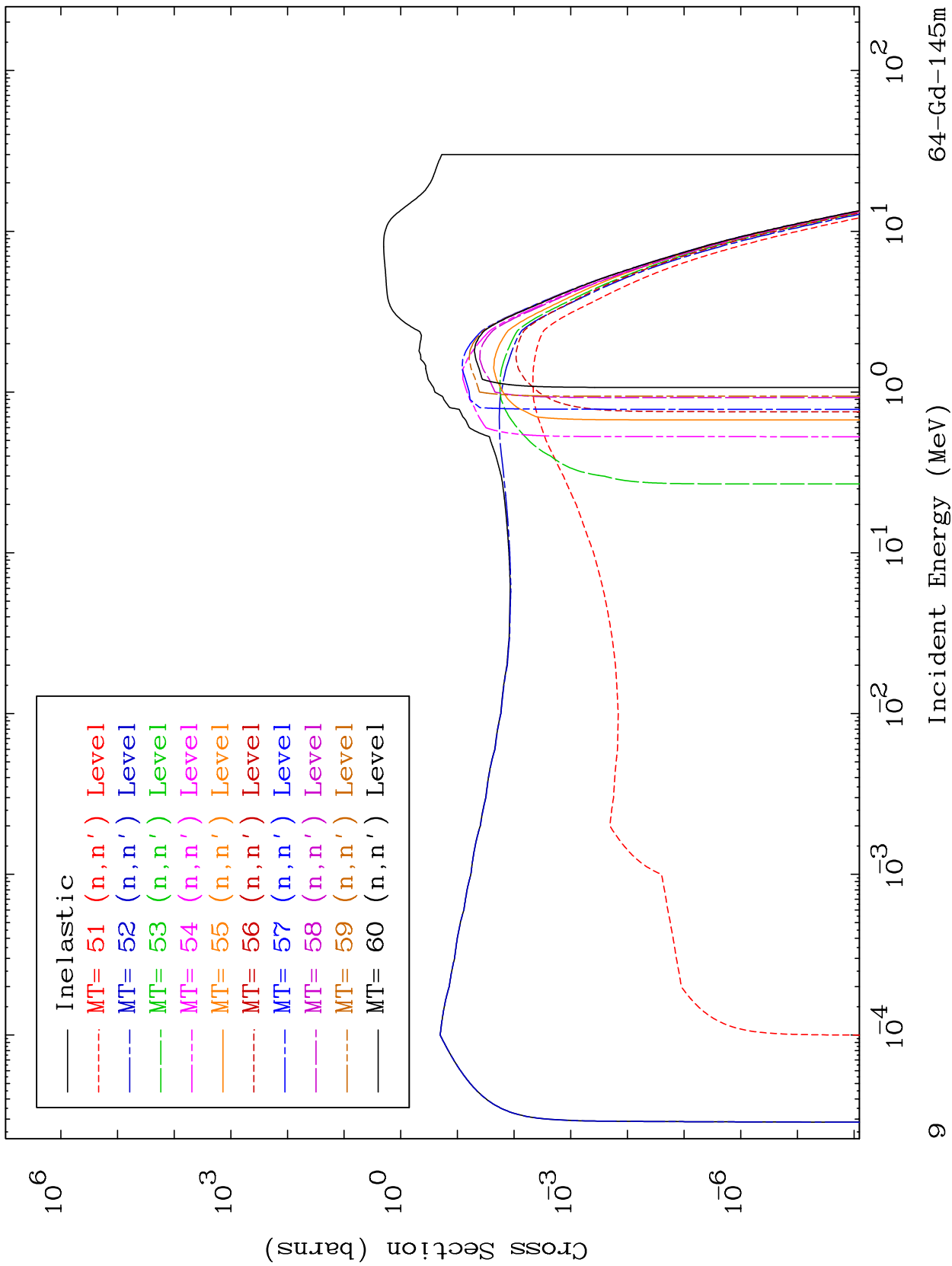




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(n,n') Levels
293 Kelvin Cross Sections

64-Gd-145m

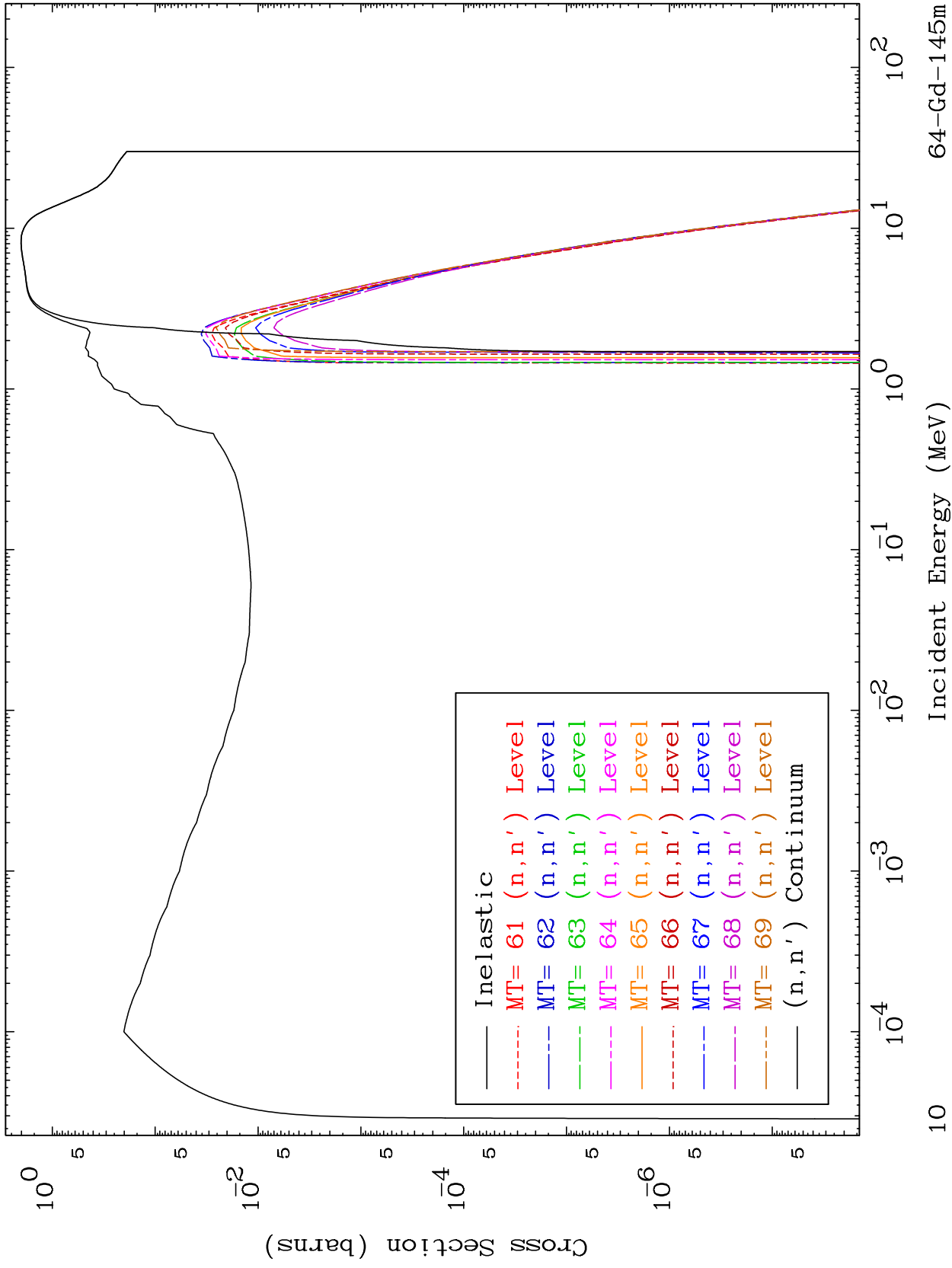


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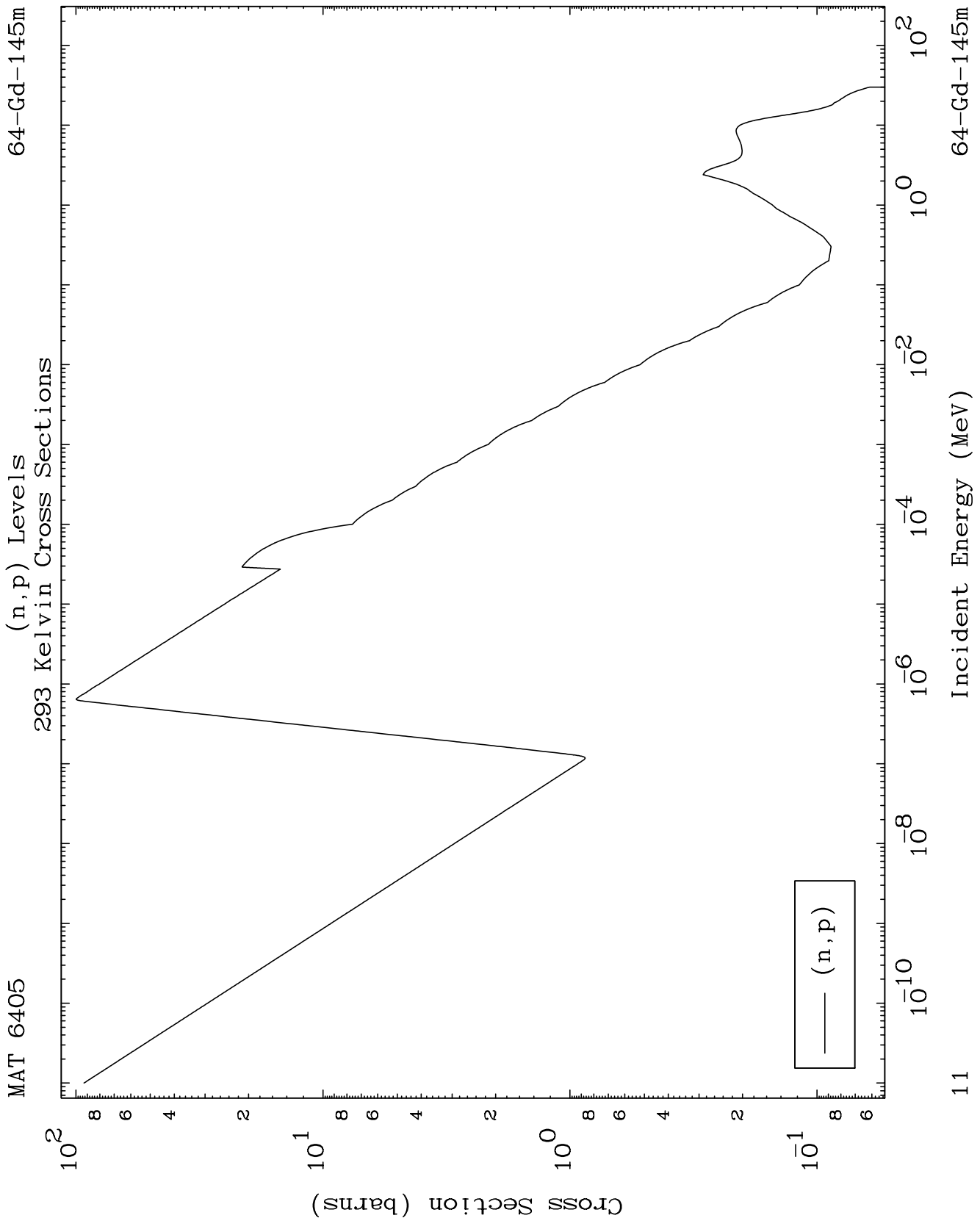
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(n,n') Levels
293 Kelvin Cross Sections

64-Gd-145m



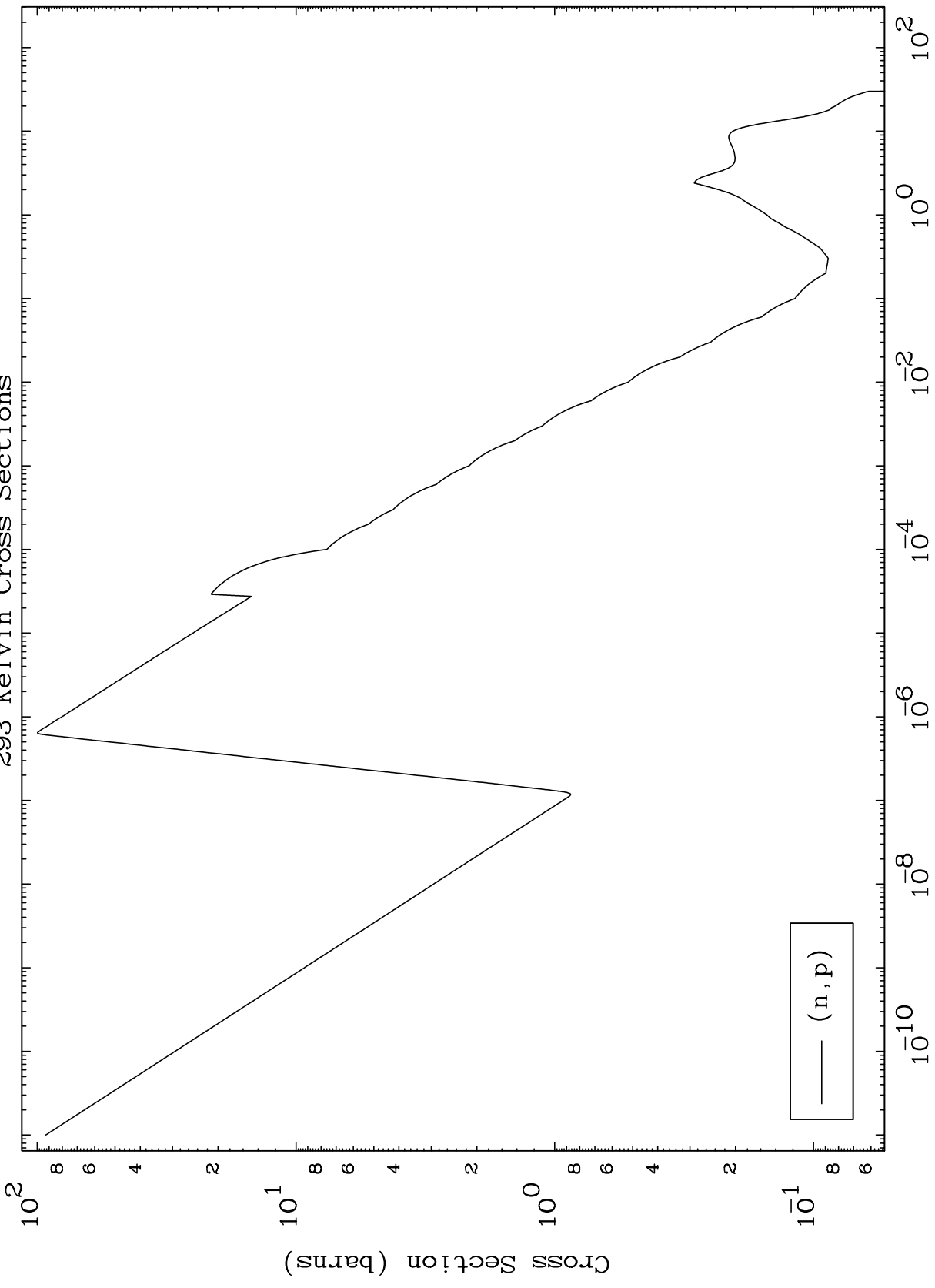
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64-Gd-145m

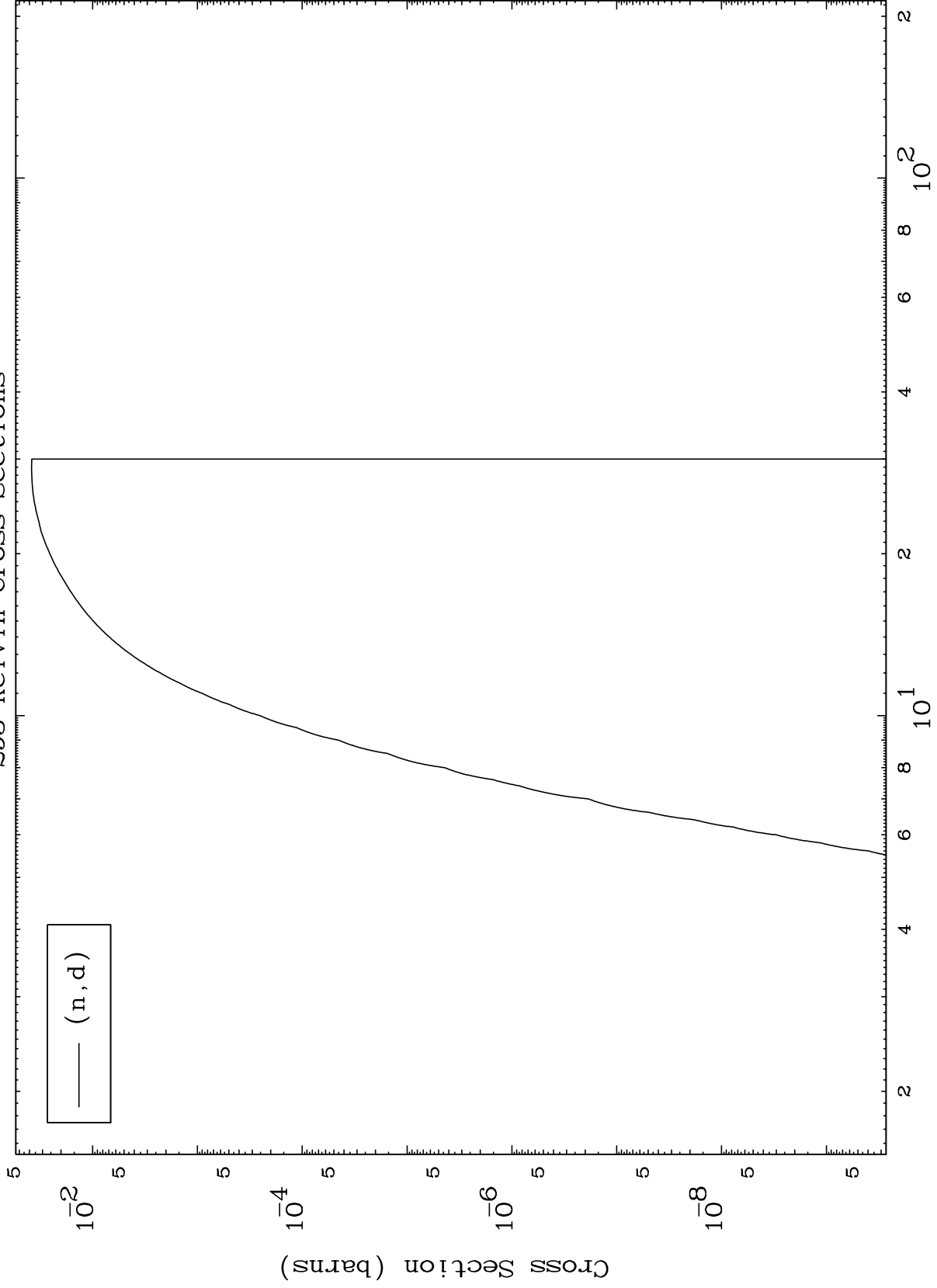
(n,p) Levels
293 Kelvin Cross Sections



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(n,d) Levels
293 Kelvin Cross Sections

64-Gd-145m



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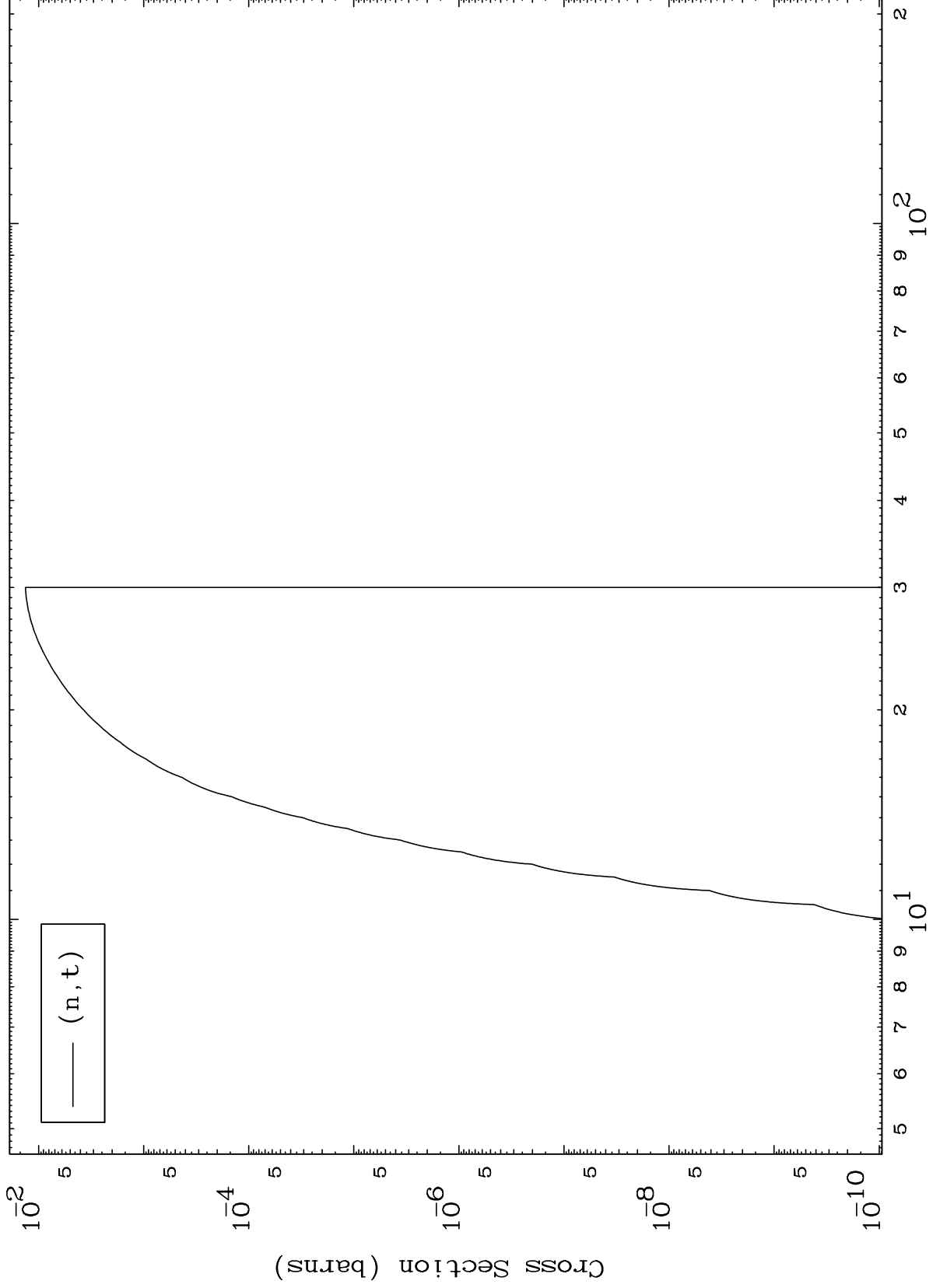
Incident Energy (MeV)

64-Gd-145m

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(n,t) Levels
293 Kelvin Cross Sections

64-Gd-145m



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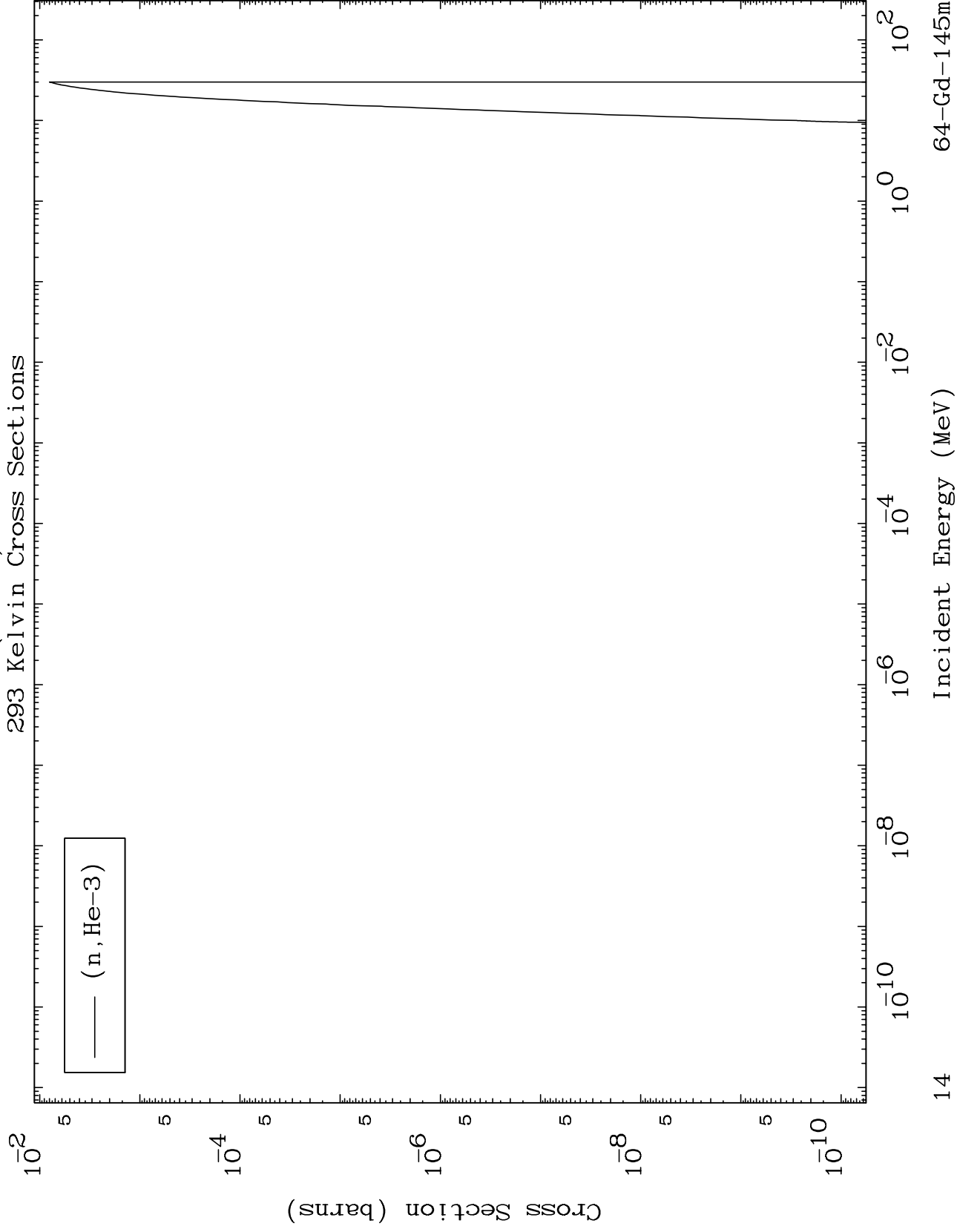
Incident Energy (MeV)

64-Gd-145m

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(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-145m

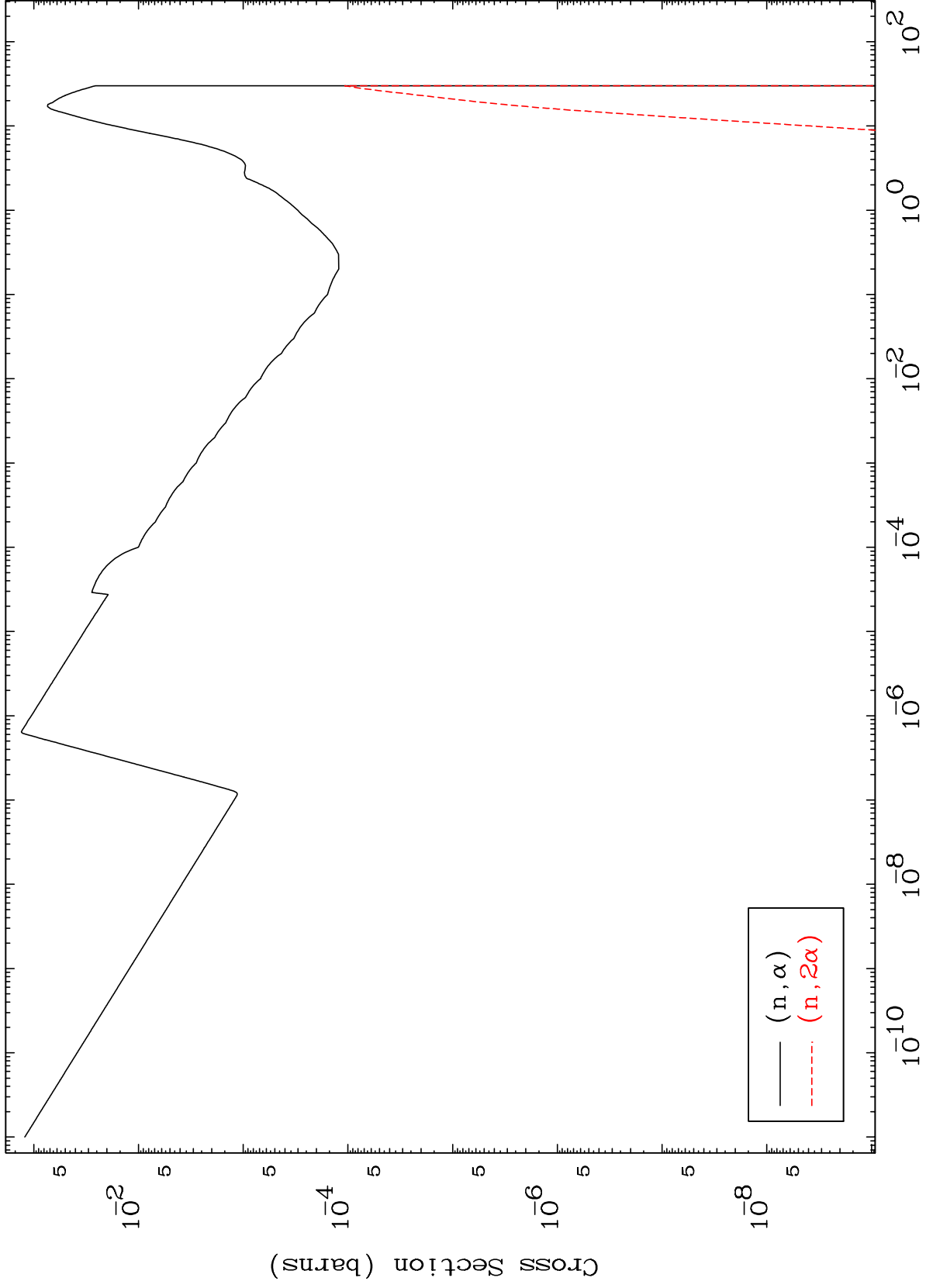


(n, He-3)

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(n, α) Levels
293 Kelvin Cross Sections

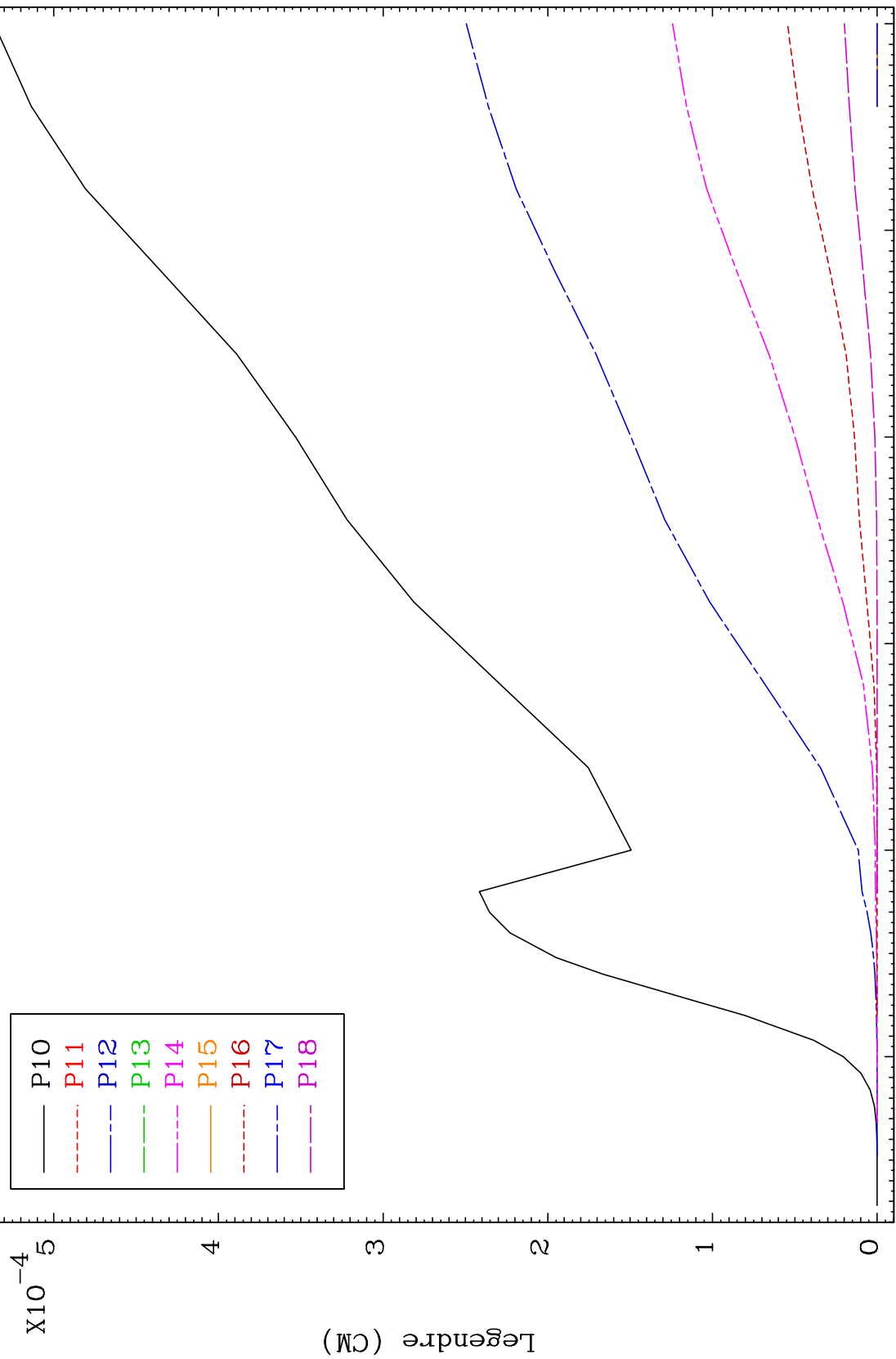
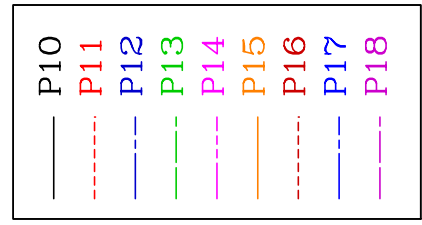
64-Gd-145m



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Elastic Legendre Coefficients

64-Gd-145m



17

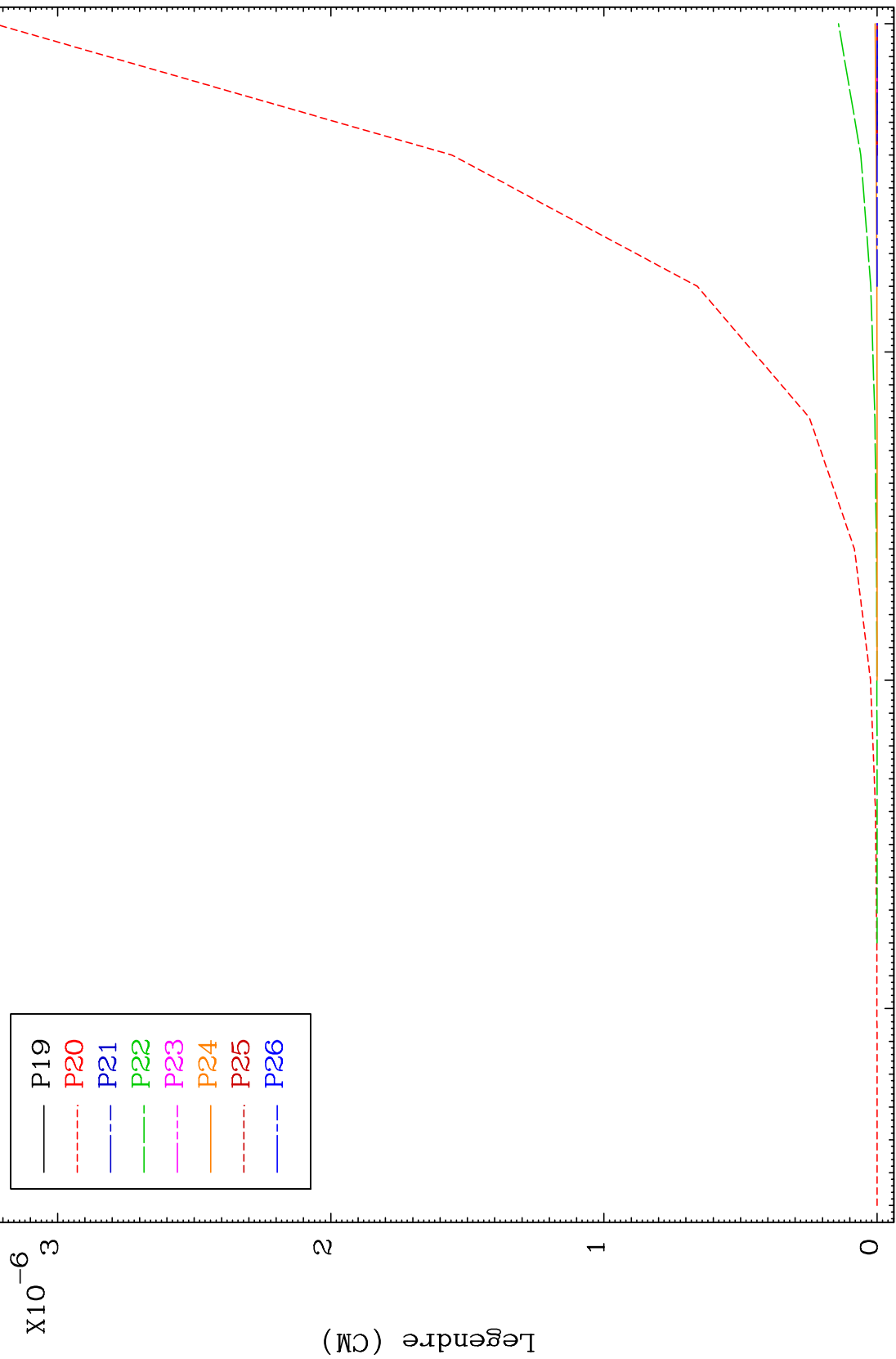
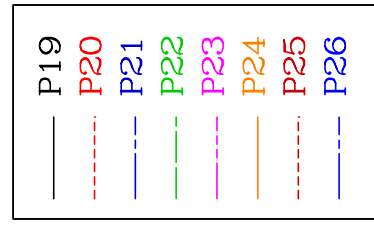
Incident Energy (MeV)

64-Gd-145m

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Elastic
Legendre Coefficients

64-Gd-145m



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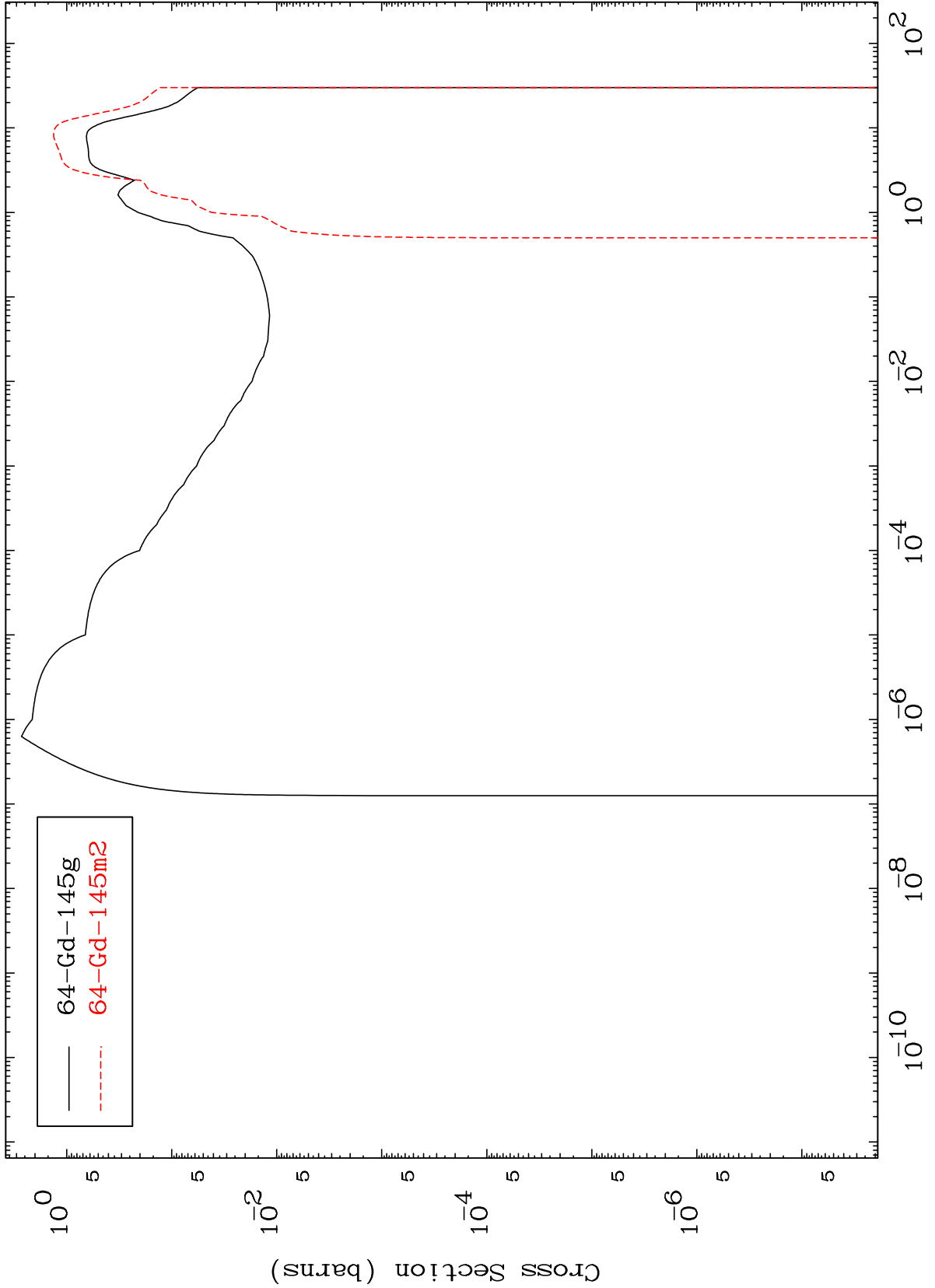
Incident Energy (MeV)

64-Gd-145m

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Inelastic
Radionuclide Production Cross Section

64-Gd-145m



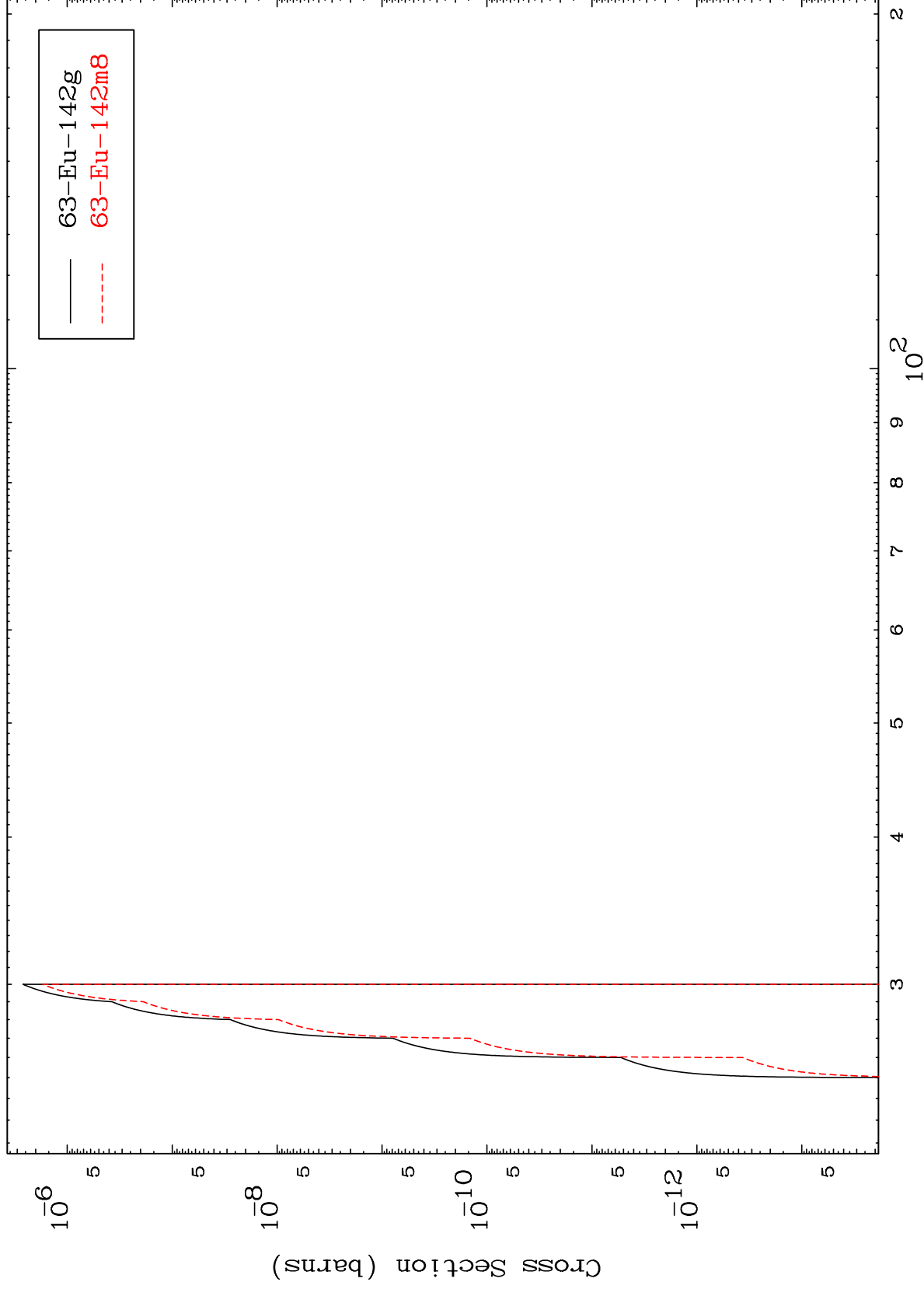
64-Gd-145m

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(n,2n) d

64-Gd-145m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

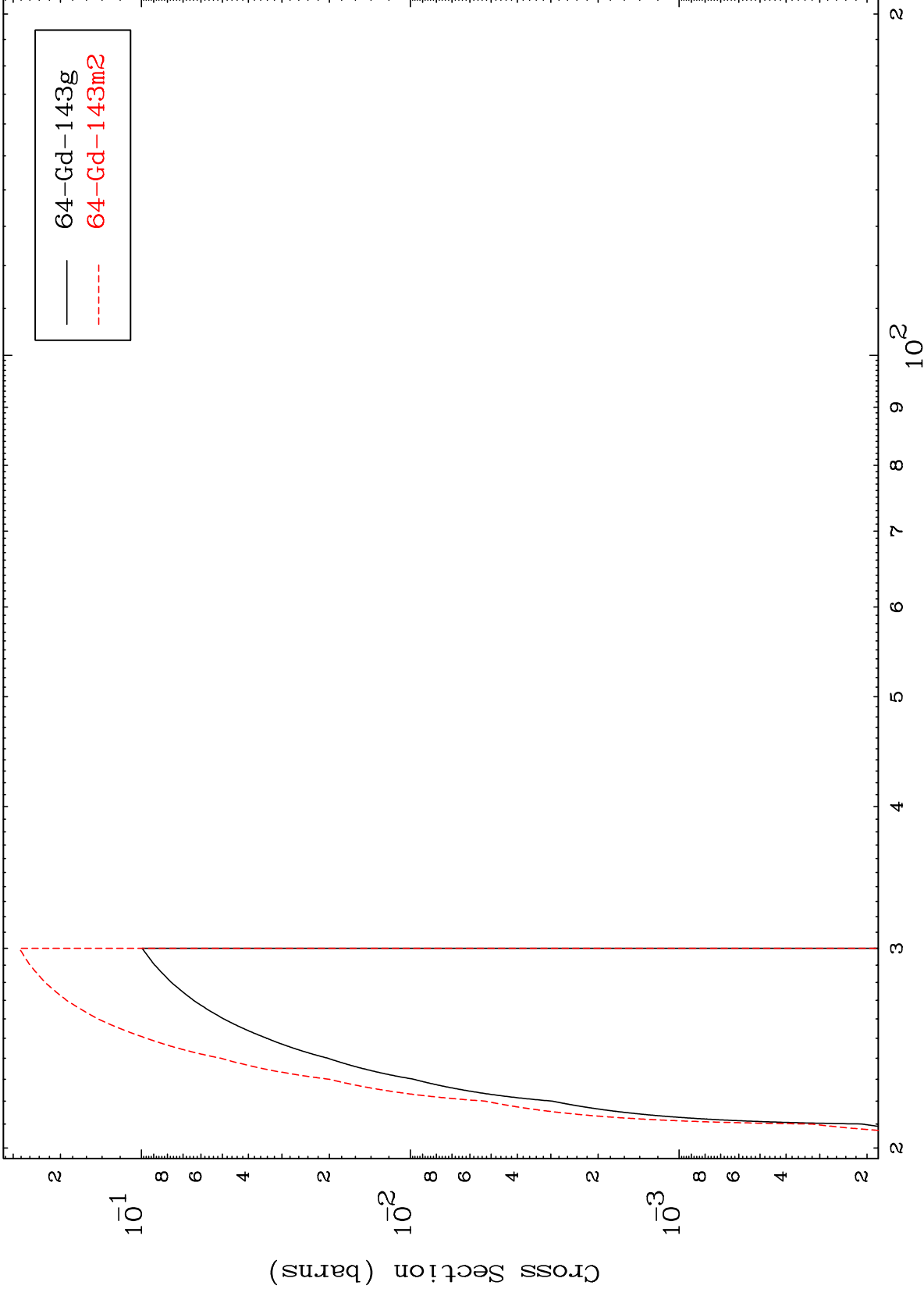
64-Gd-145m

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(n,3n)

64-Gd-145m

Radionuclide Production Cross Section

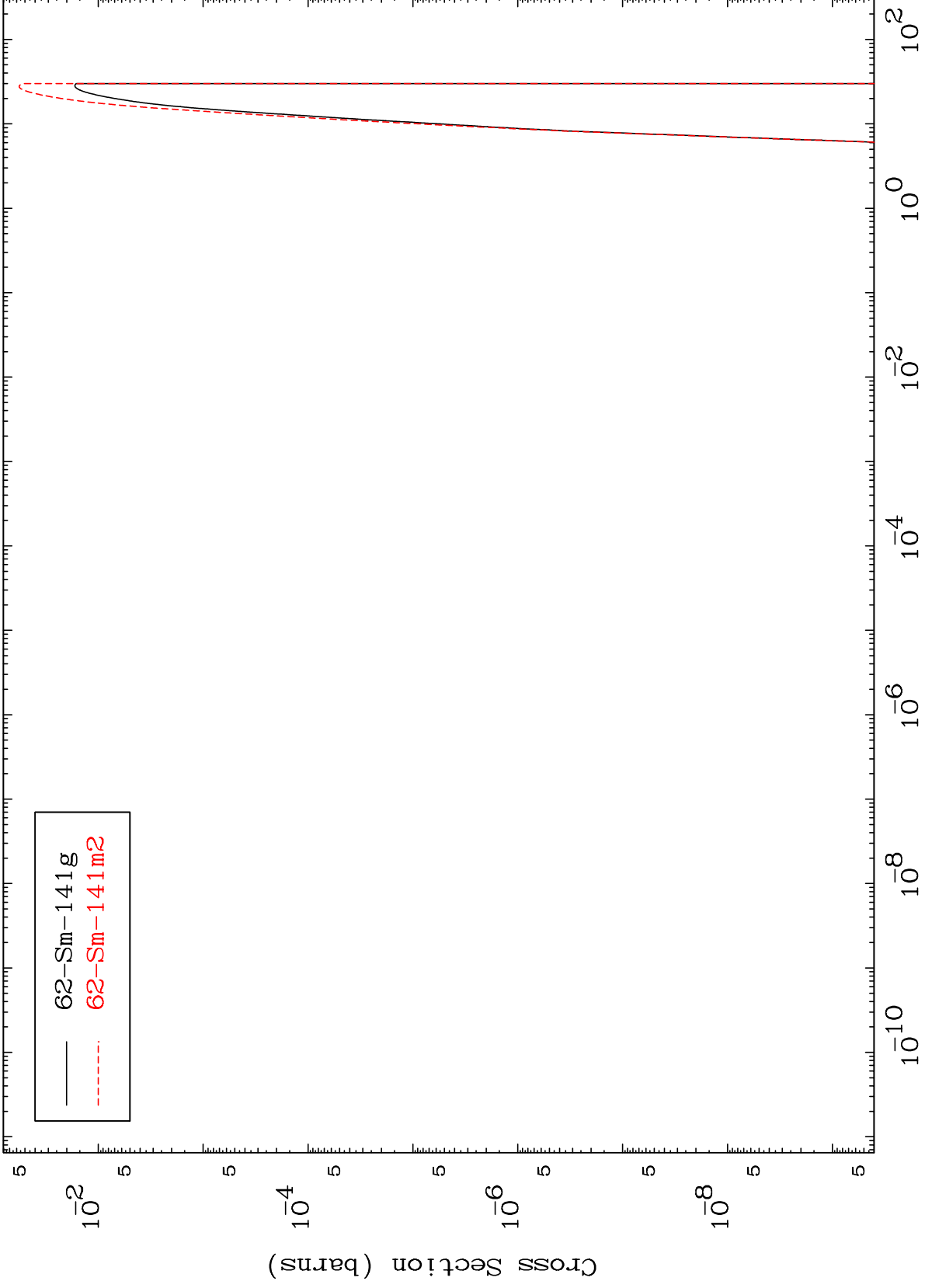


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(n,n') α

64-Gd-145m

Radionuclide Production Cross Section

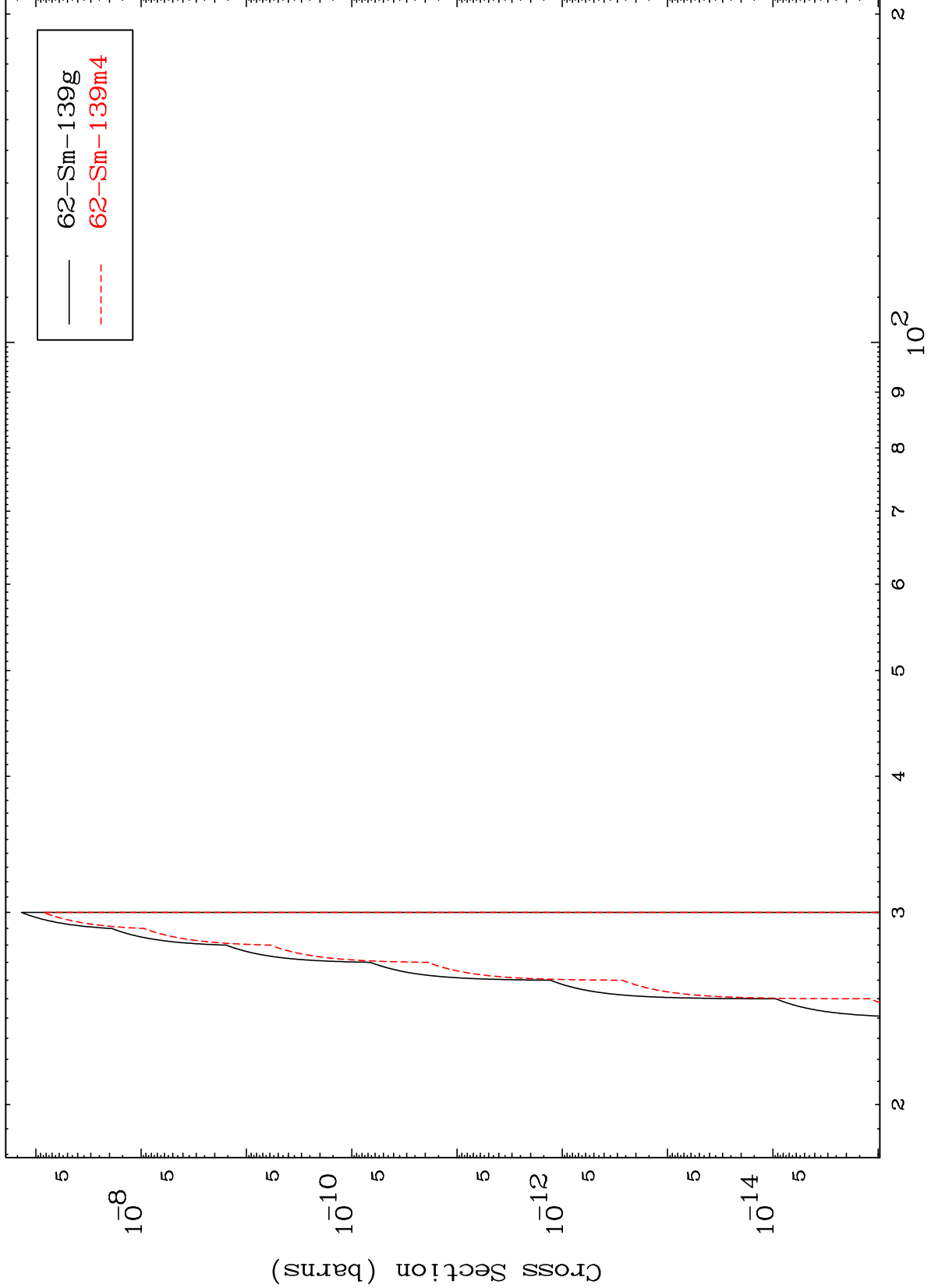


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$(n,3n) \alpha$

64-Gd-145m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

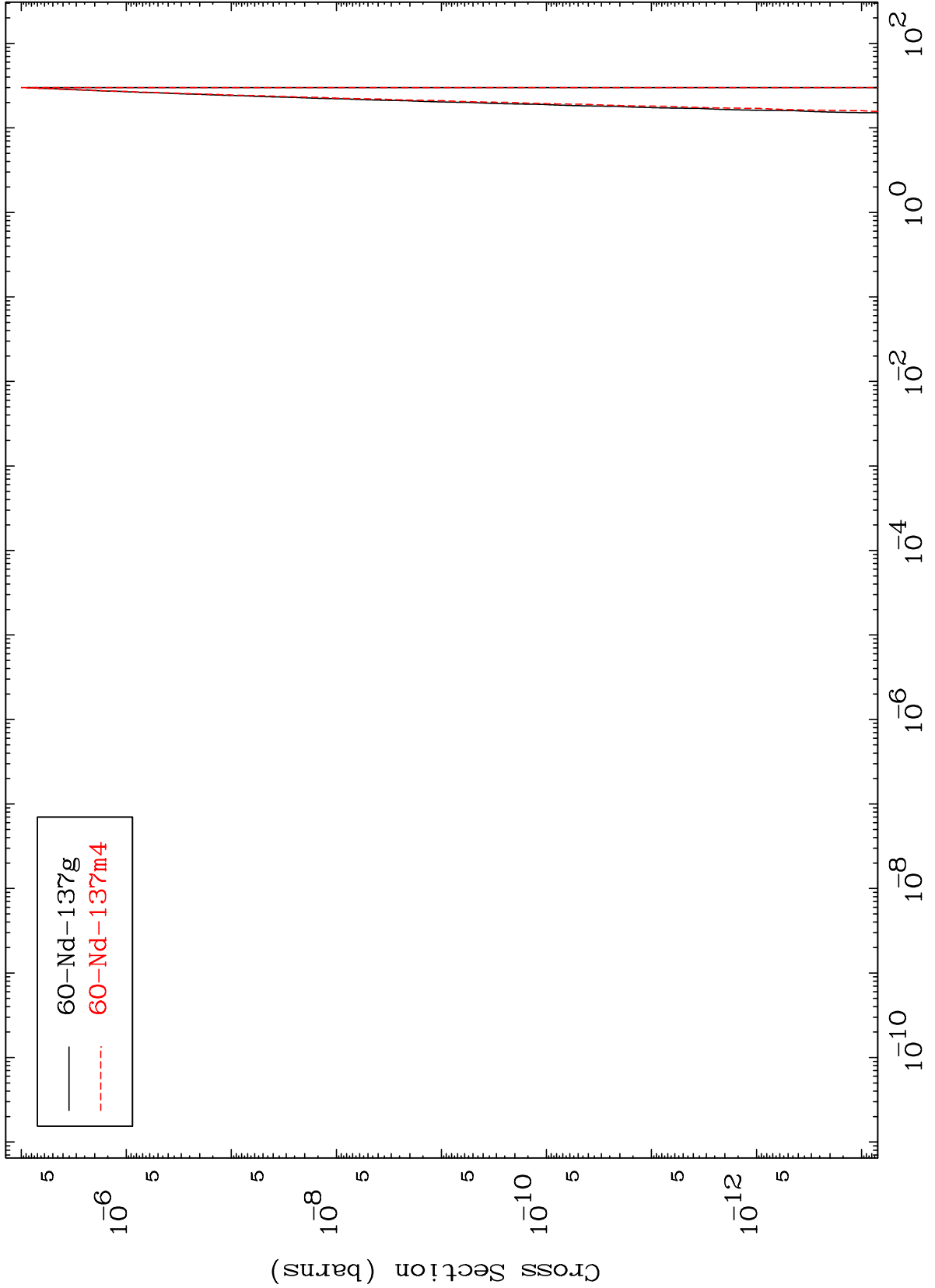
64-Gd-145m

MAT 6405

(n,n') 2α

64-Gd-145m

Radionuclide Production Cross Section

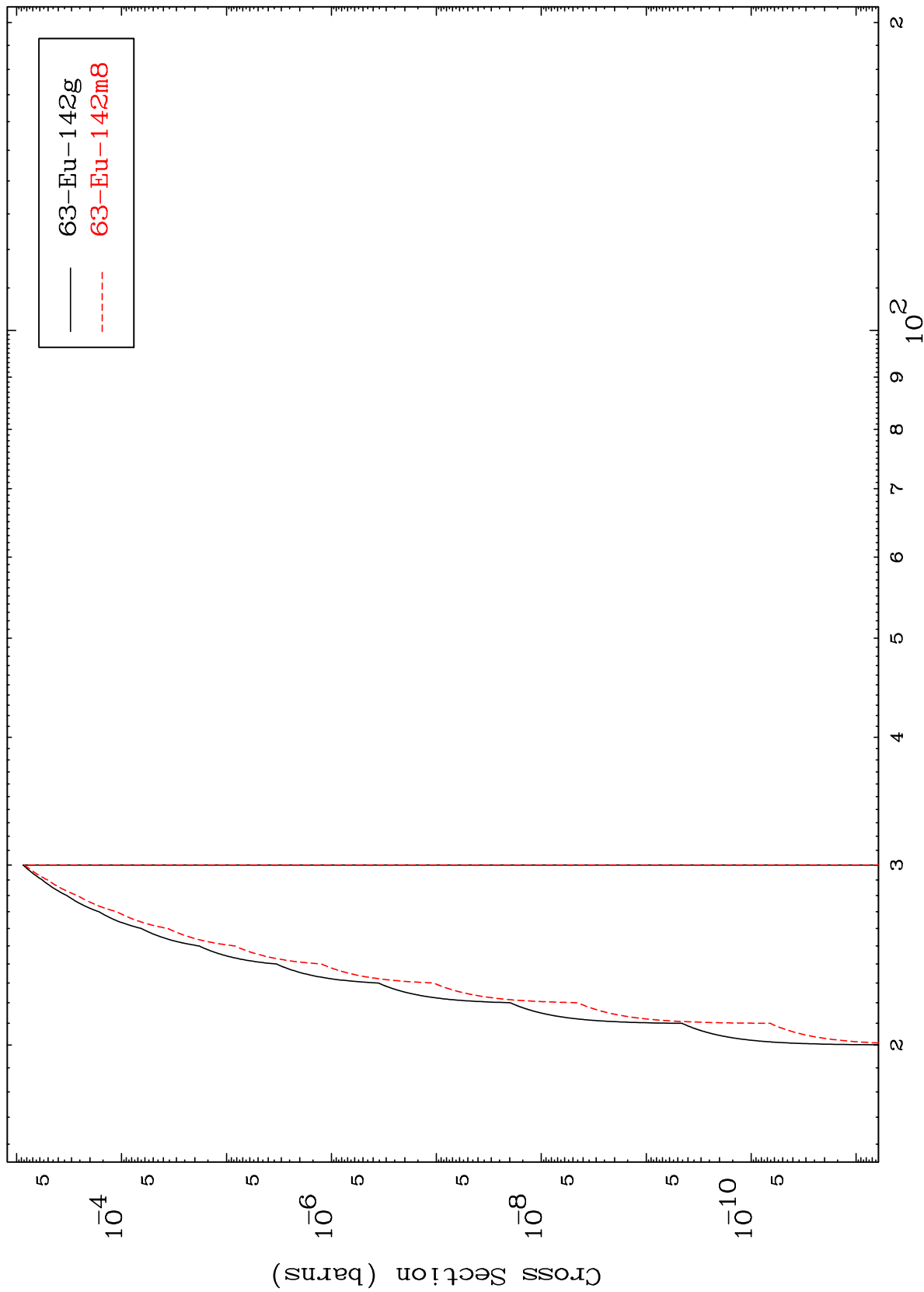


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(n,n') t

64-Gd-145m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

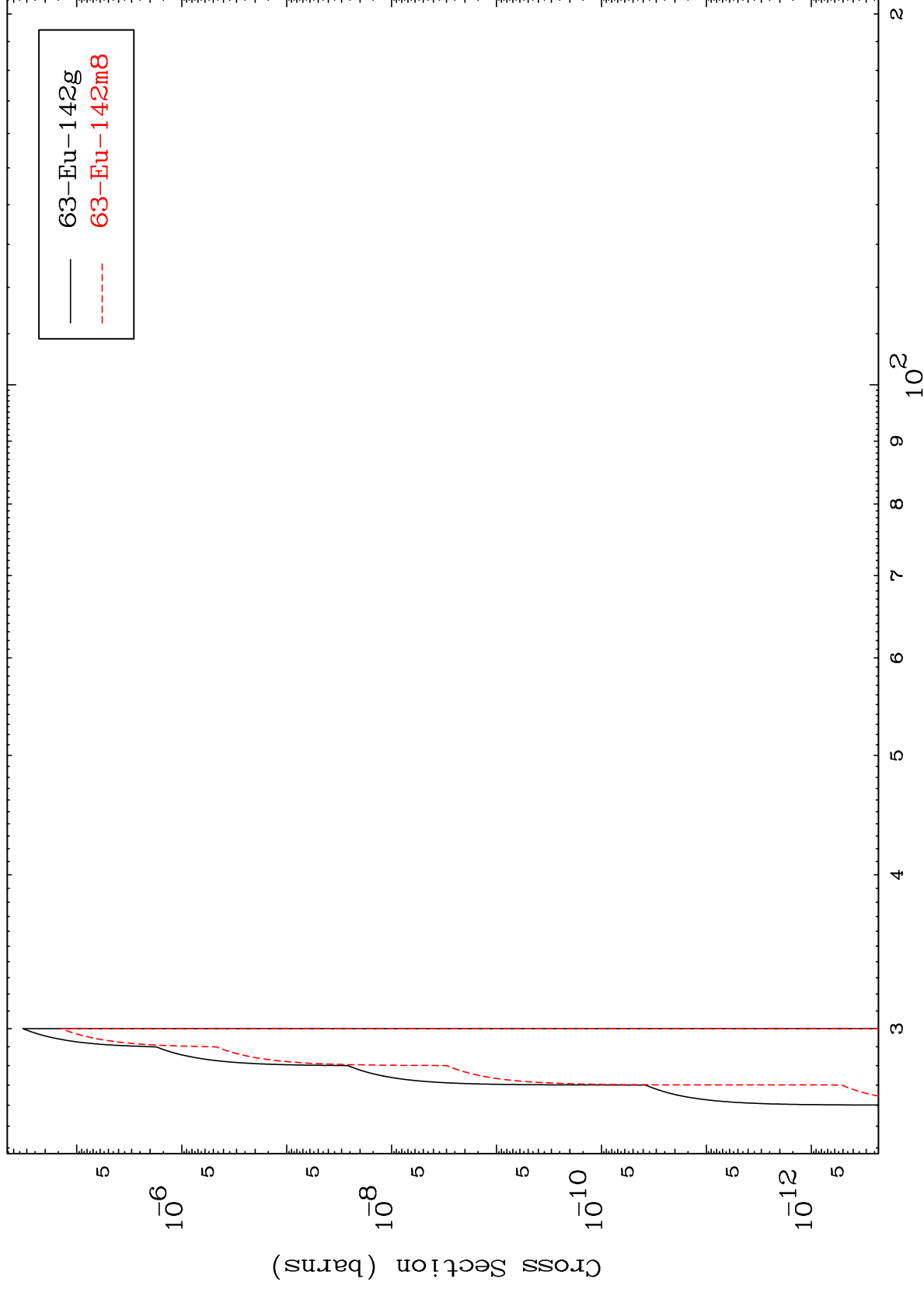
64-Gd-145m

MAT 6405

(n,3n) p

64-Gd-145m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

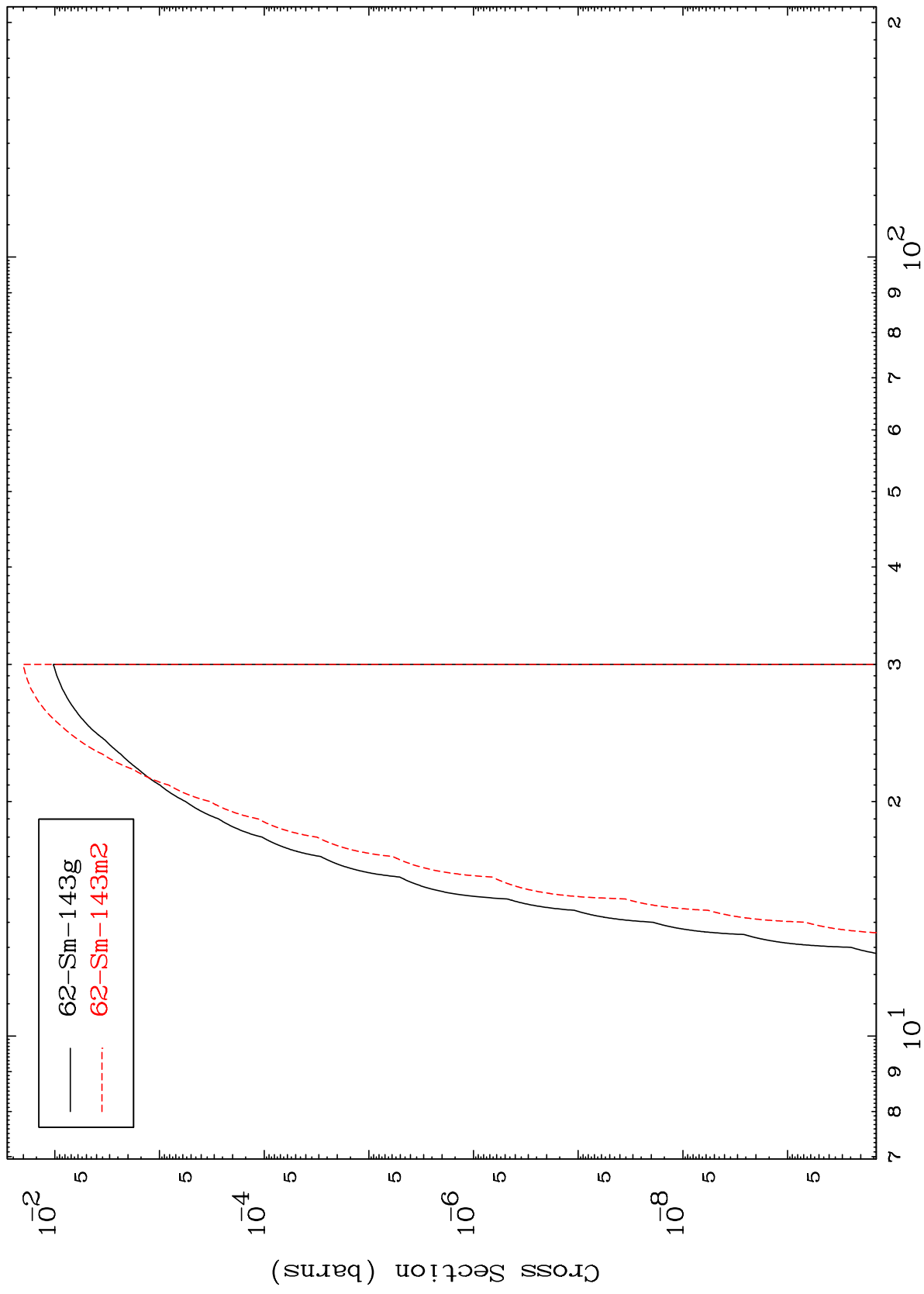
64-Gd-145m

MAT 6405

(n,2n) p

64-Gd-145m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

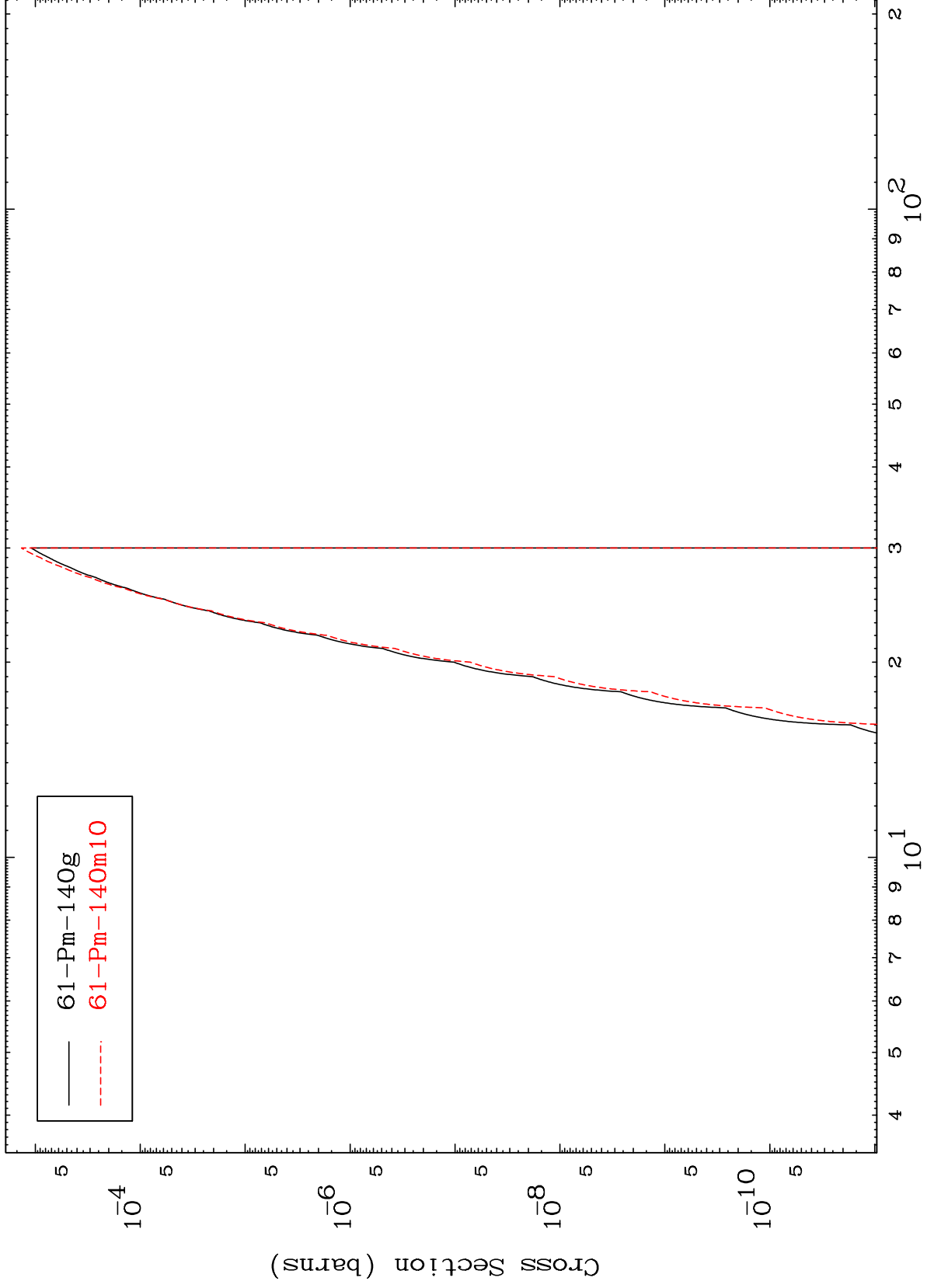
64-Gd-145m

MAT 6405

(n,n') p α

64-Gd-145m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

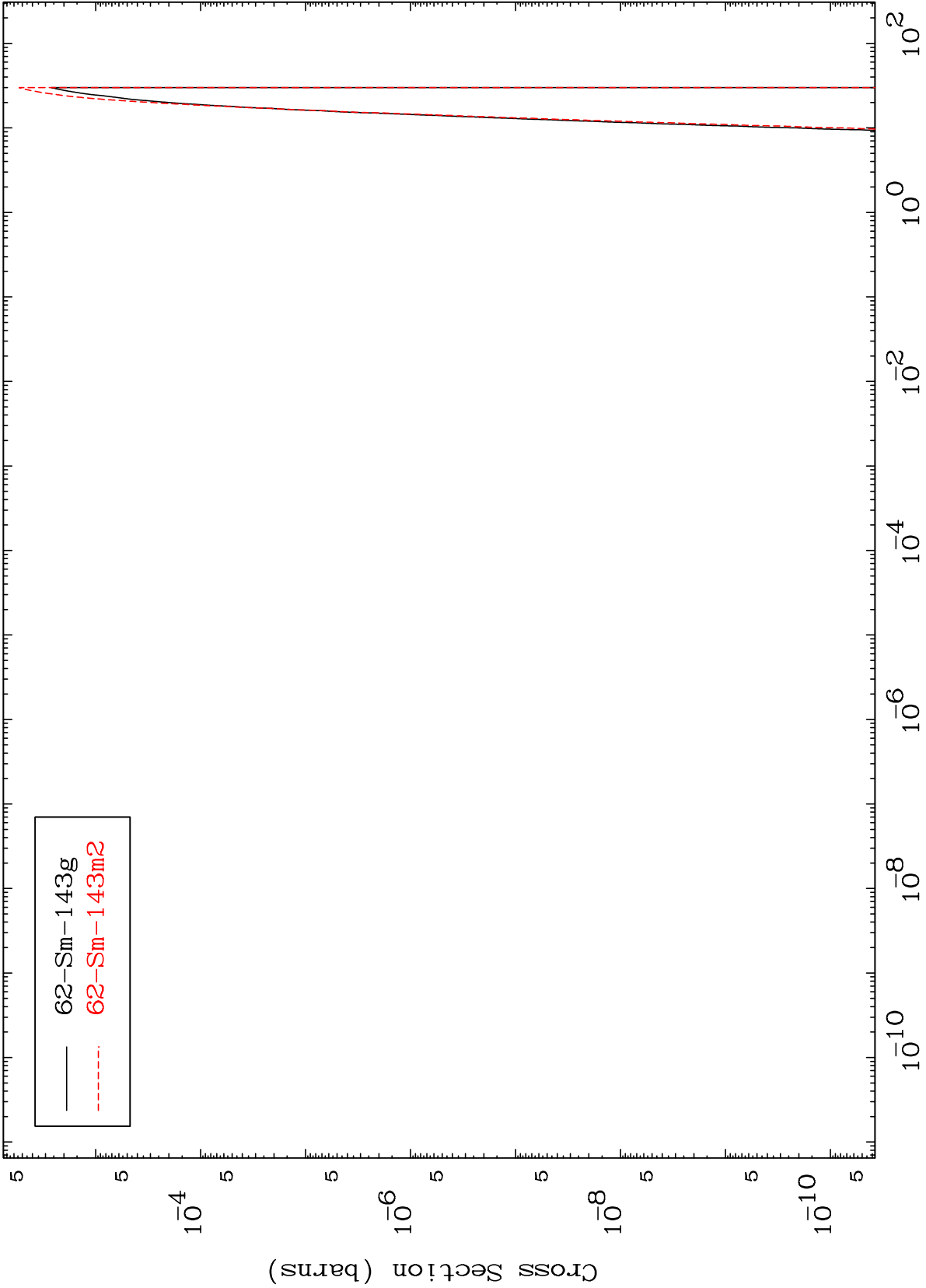
64-Gd-145m

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(n,He-3)

64-Gd-145m

Radionuclide Production Cross Section

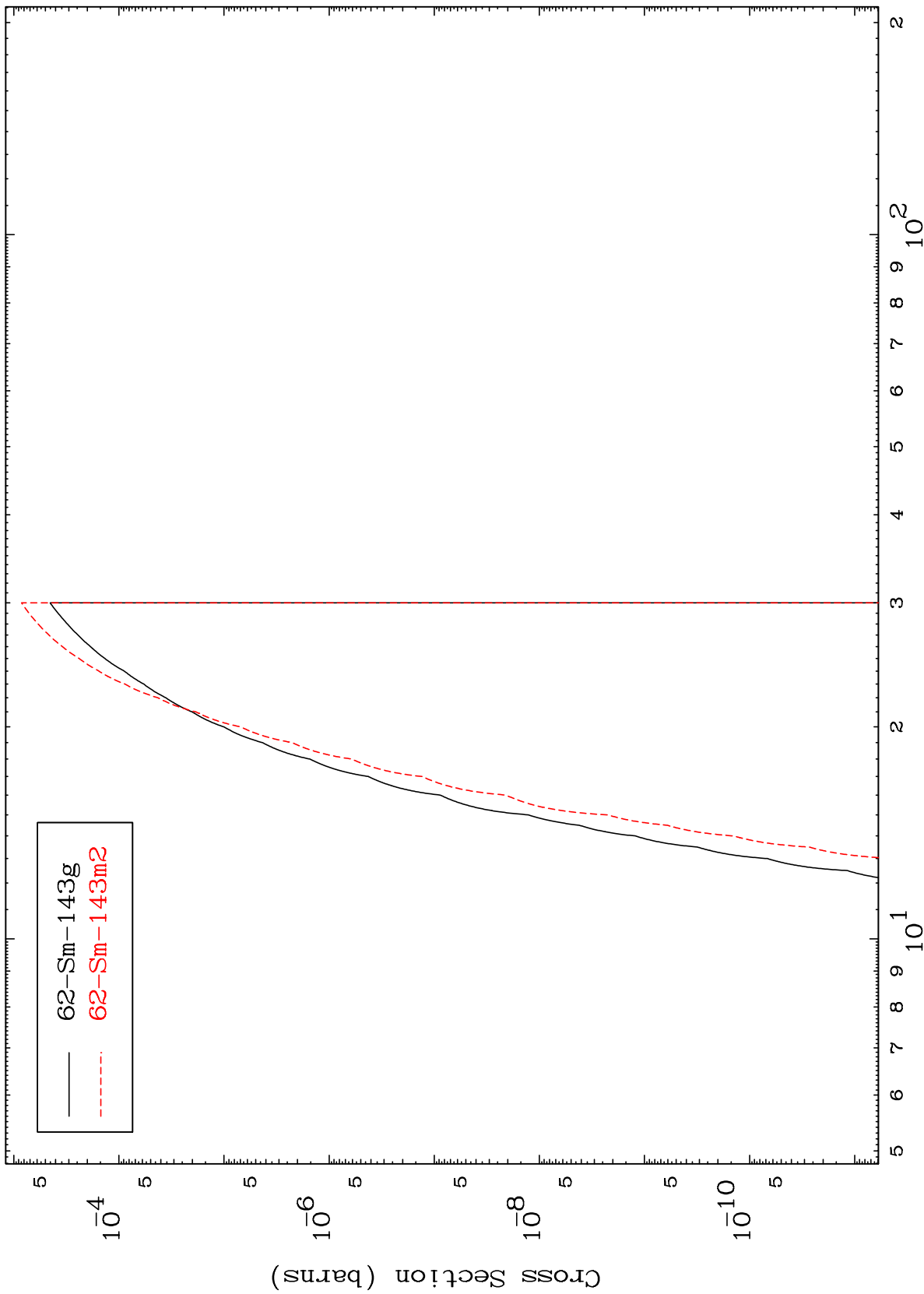


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(n,p) d

64-Gd-145m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

64-Gd-145m

MAT 6405

(n,d) α

64-Gd-145m

Radionuclide Production Cross Section

