

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

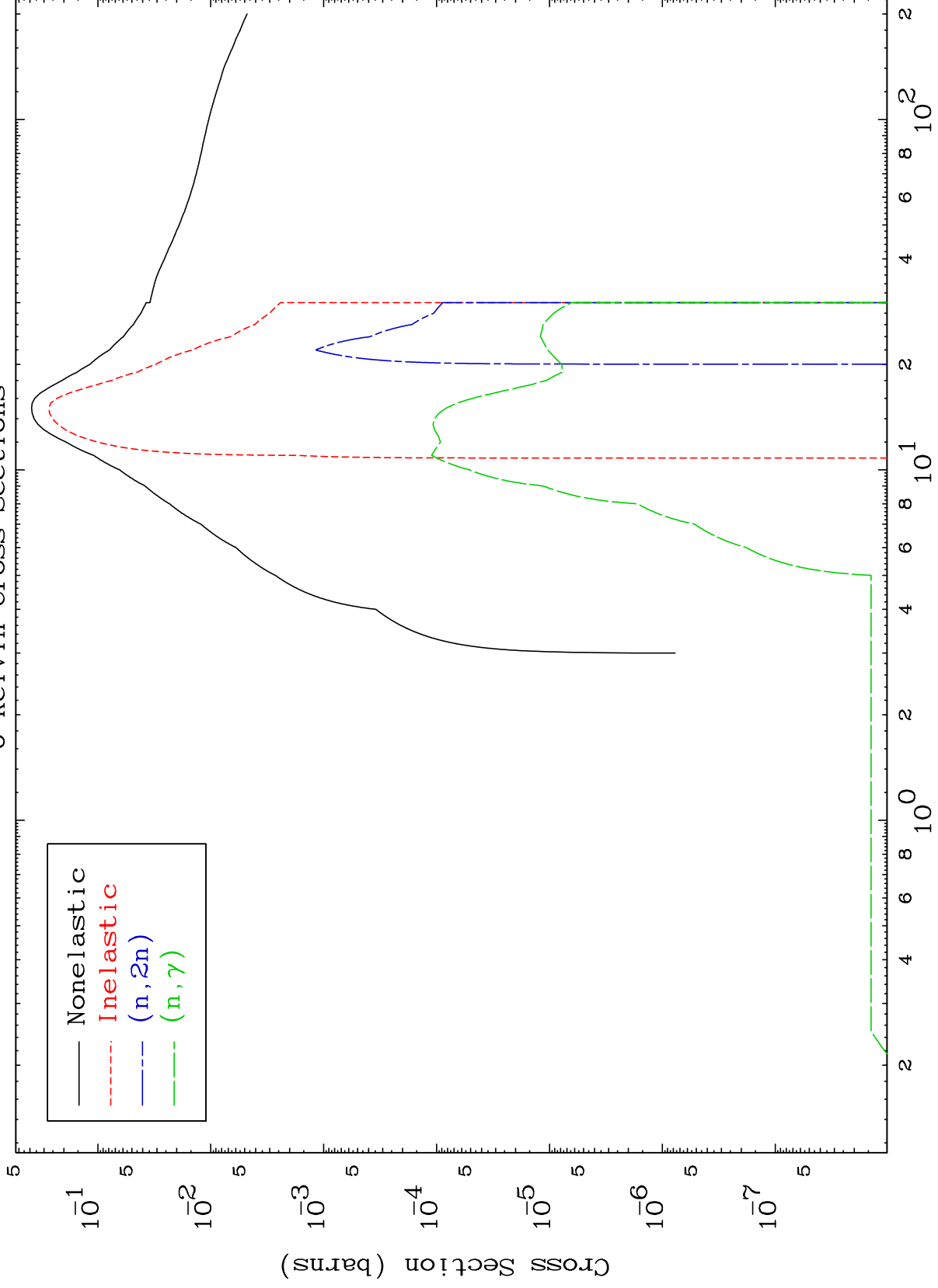
Dermott E. Cullen
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Livermore, CA 94550
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Tele: 925-443-1911

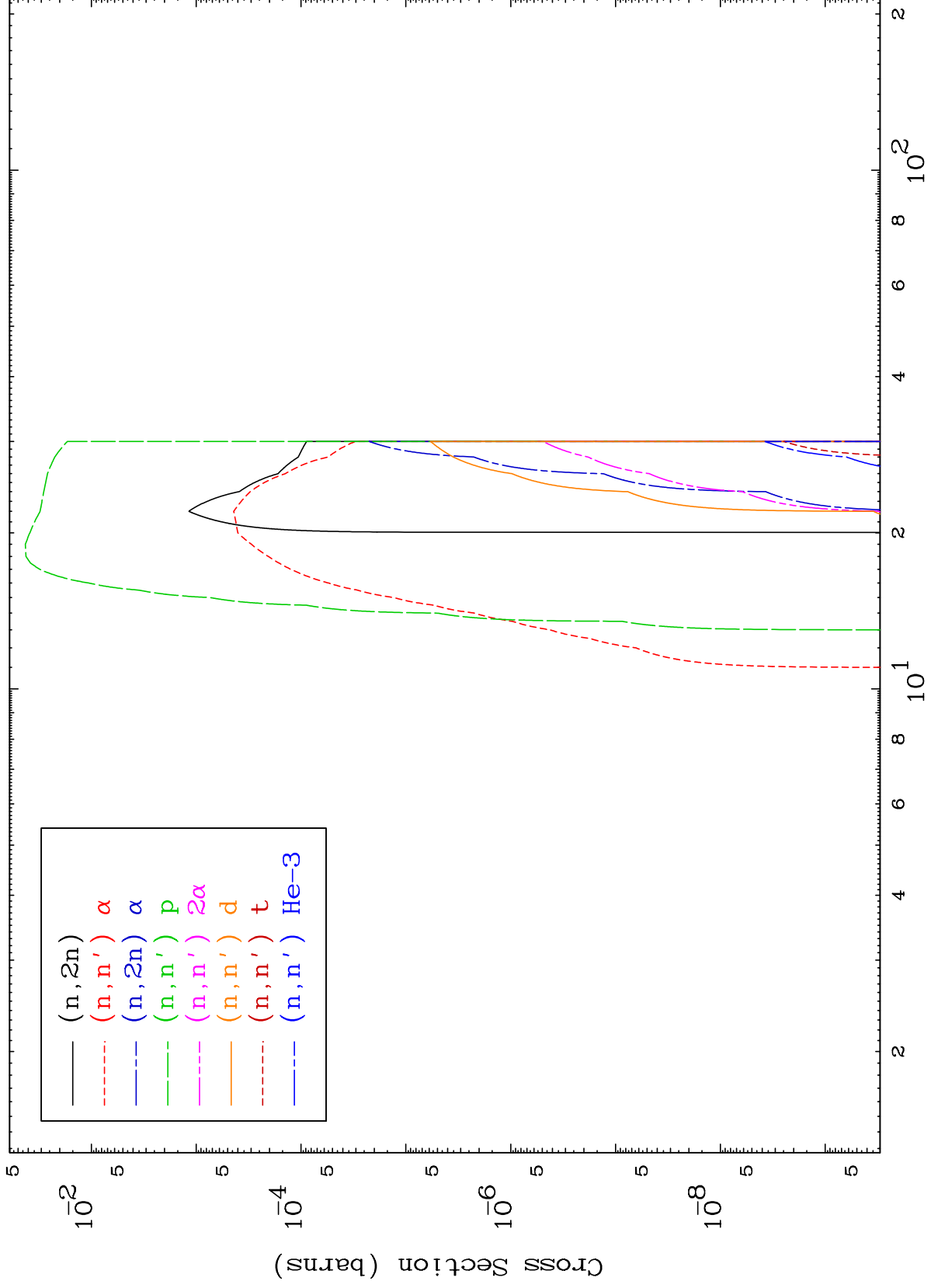
E.Mail:redcullen1@comcast.net

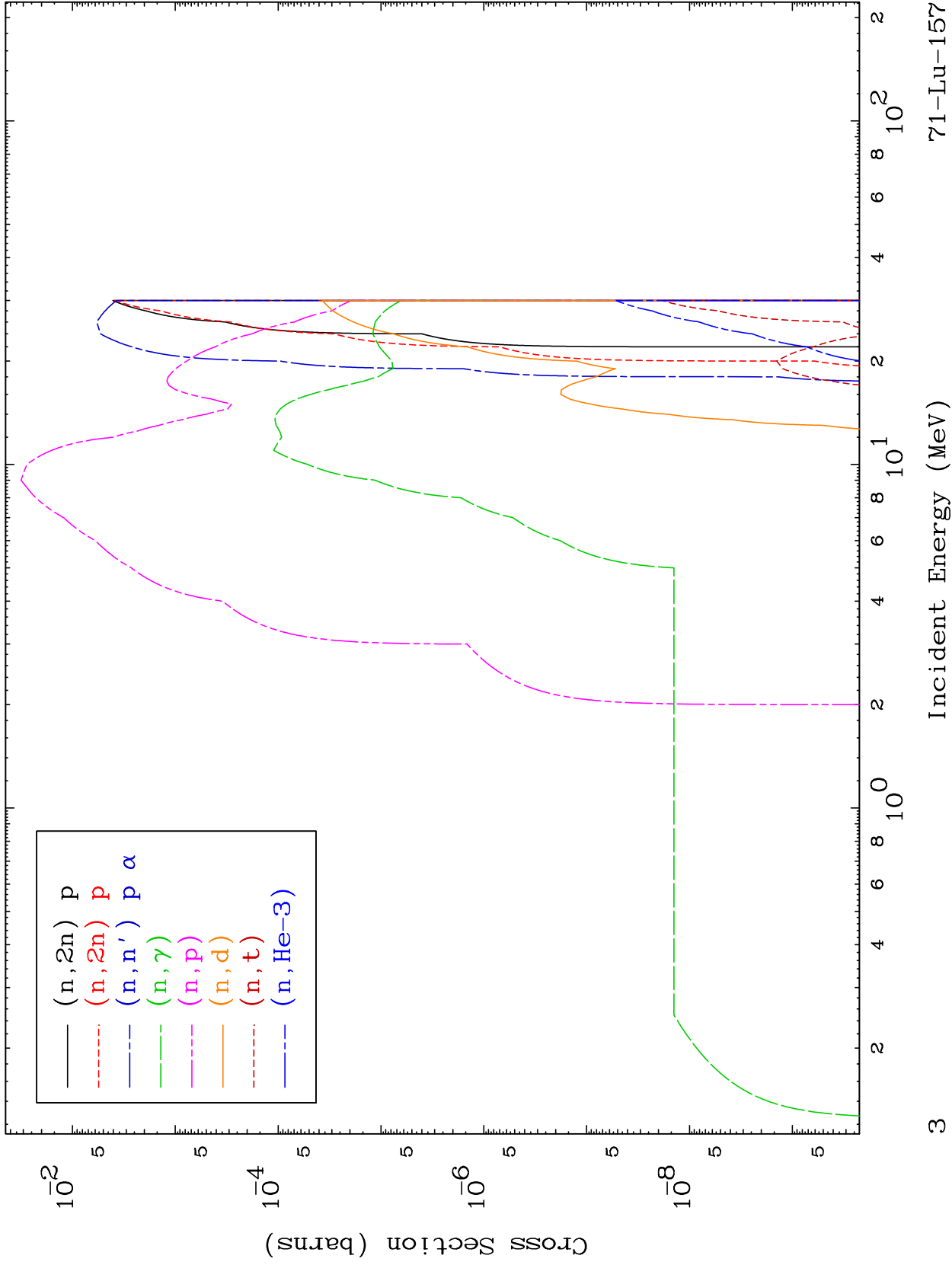
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



Legend:
— Nonelastic
- - - Inelastic
- · - (n, 2n)
- - - (n, γ)

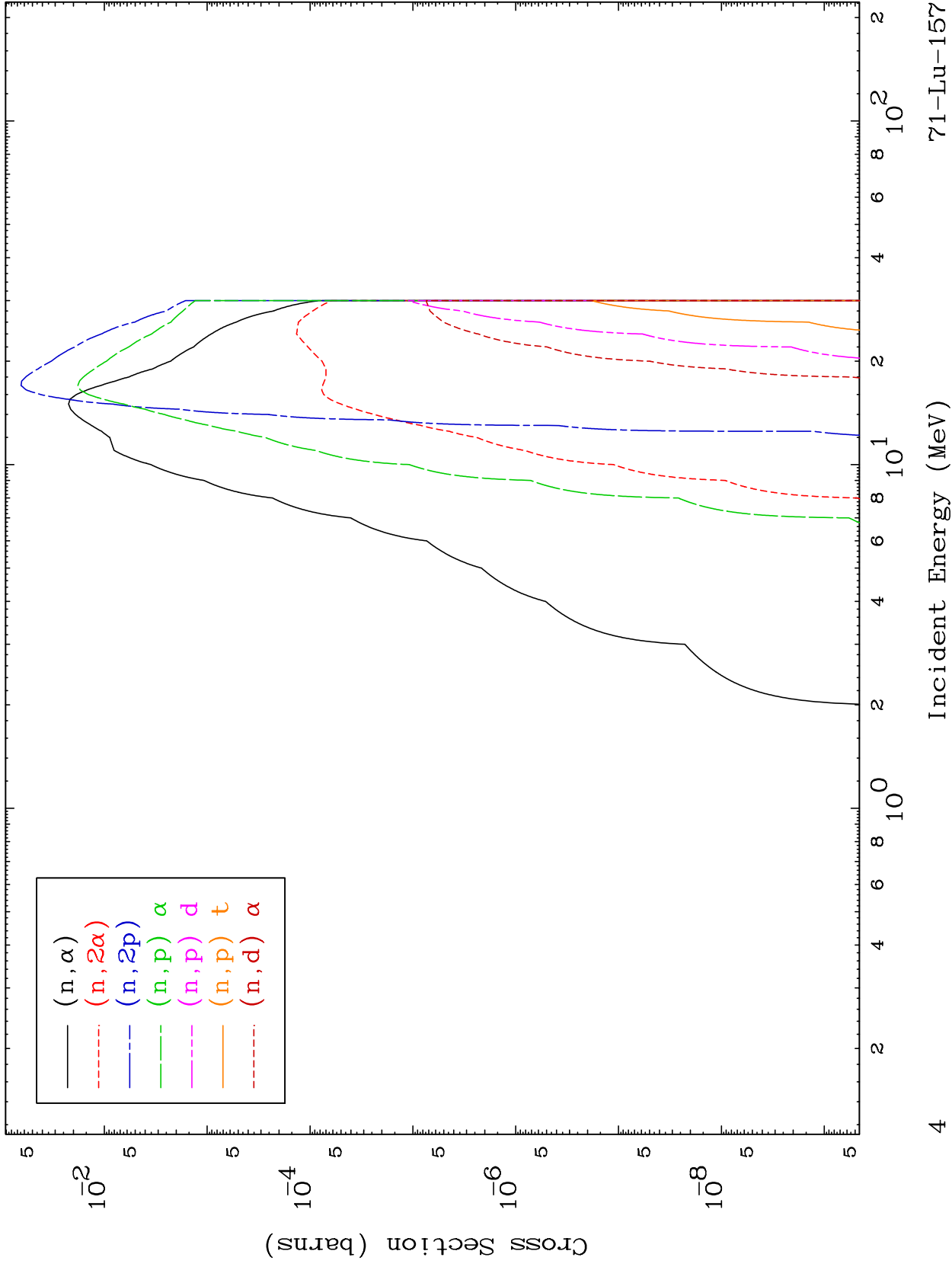


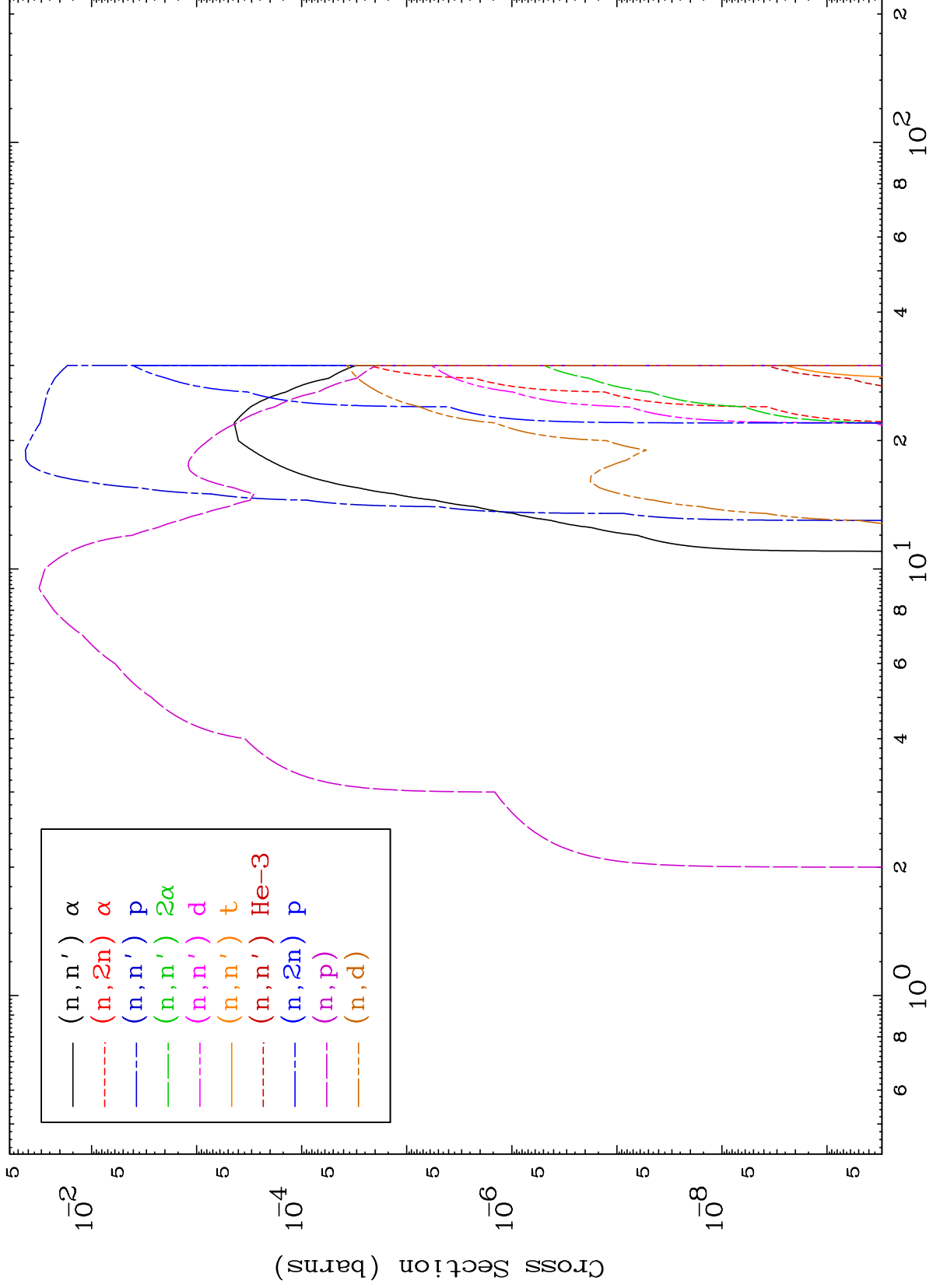


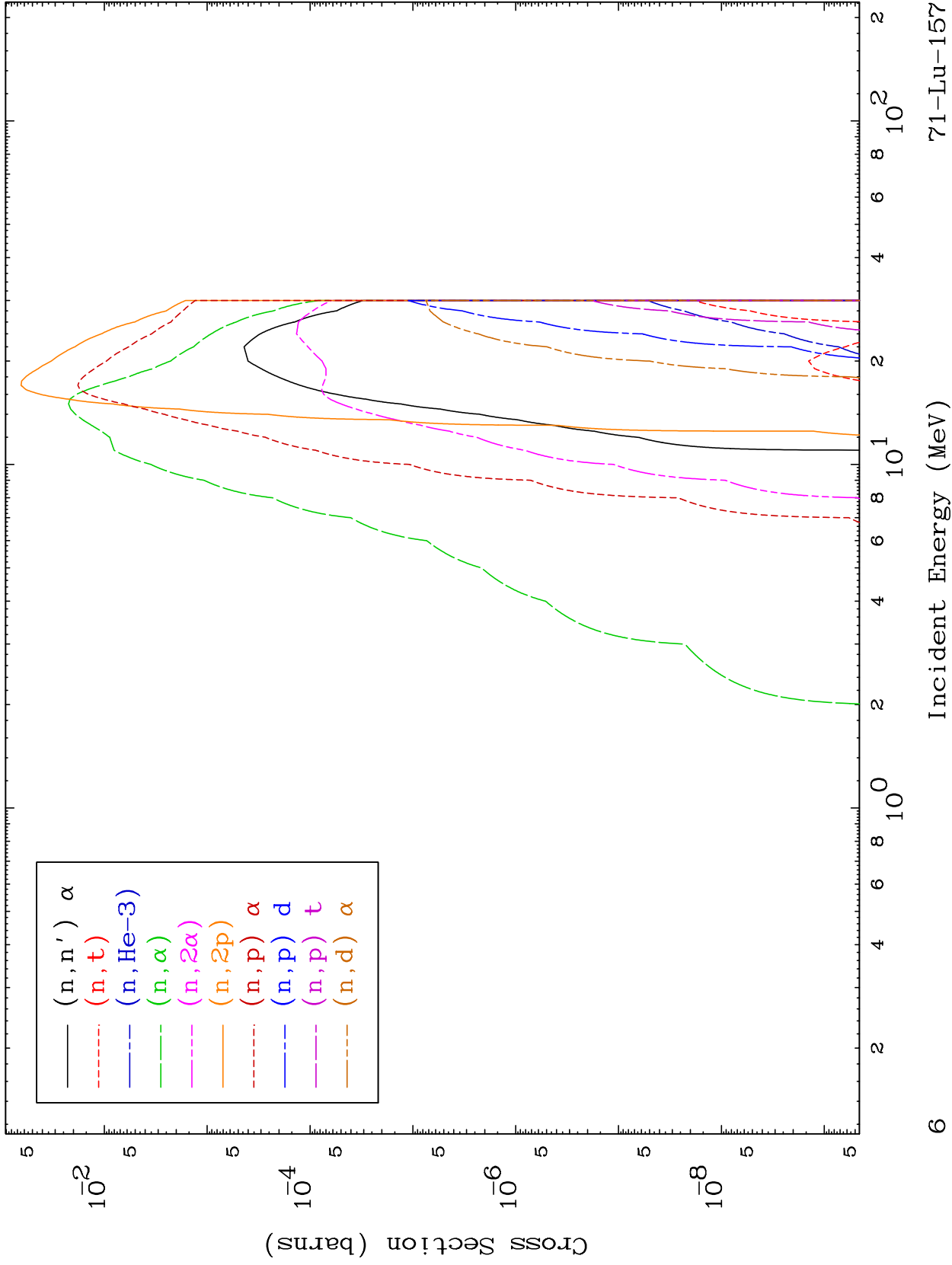
MAT 7071

Photon Neutron Absorption
0 Kelvin Cross Sections

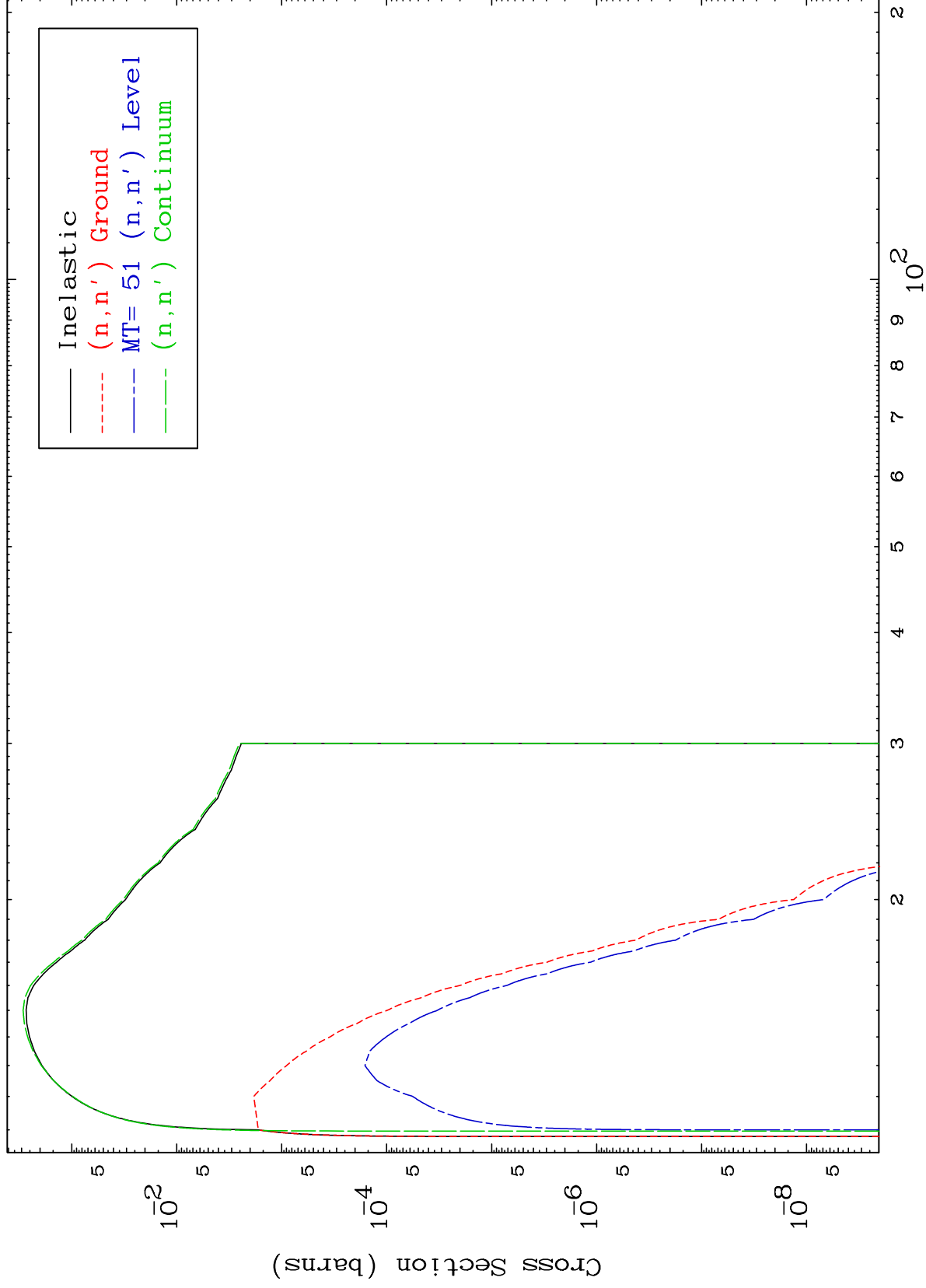
71-Lu-157







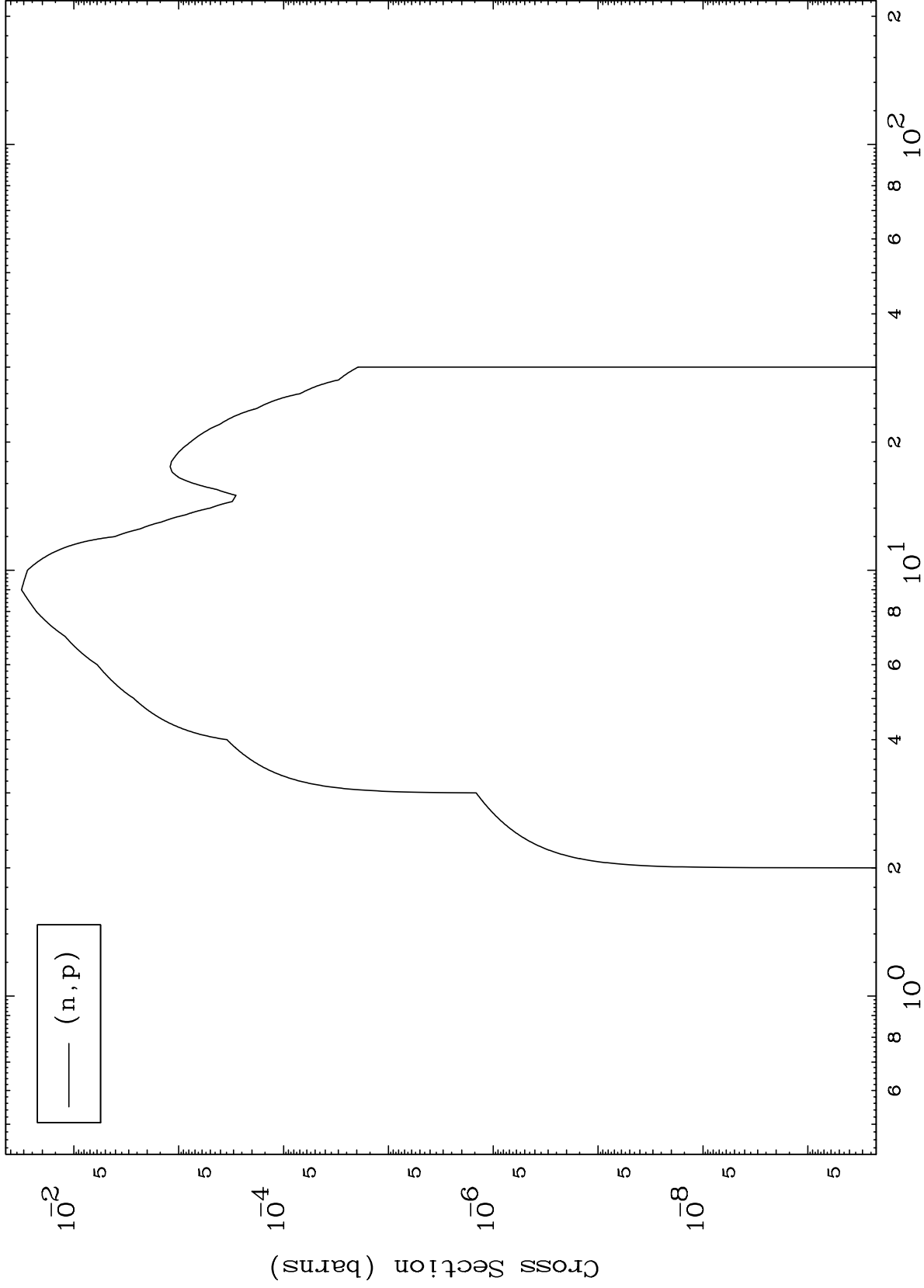
(γ, n') Levels
0 Kelvin Cross Sections



MAT 7071

(γ, p) Levels
0 Kelvin Cross Sections

71-Lu-157



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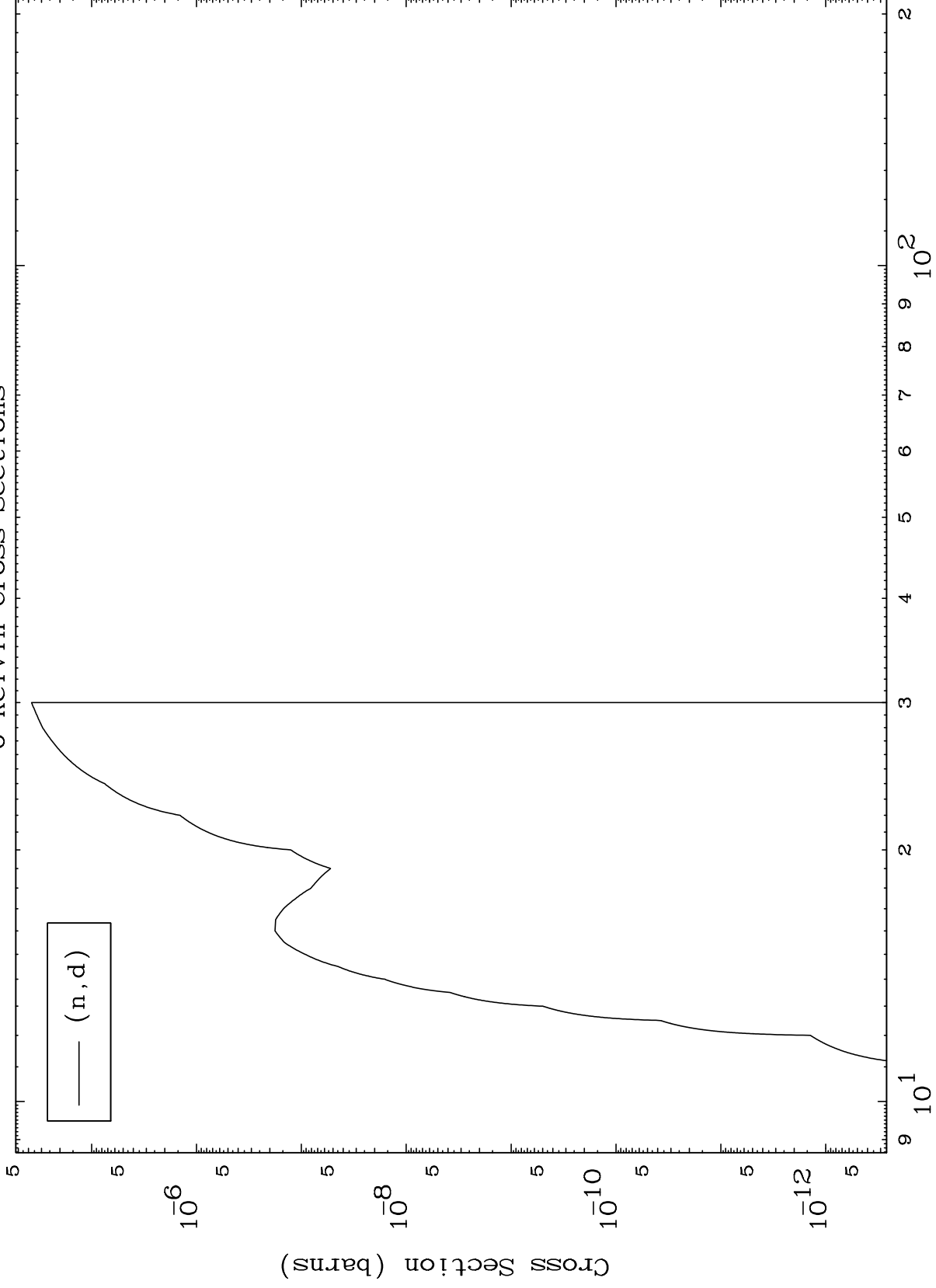
Incident Energy (MeV)

71-Lu-157

MAT 7071

(γ, d) Levels
0 Kelvin Cross Sections

71-Lu-157



Incident Energy (MeV)

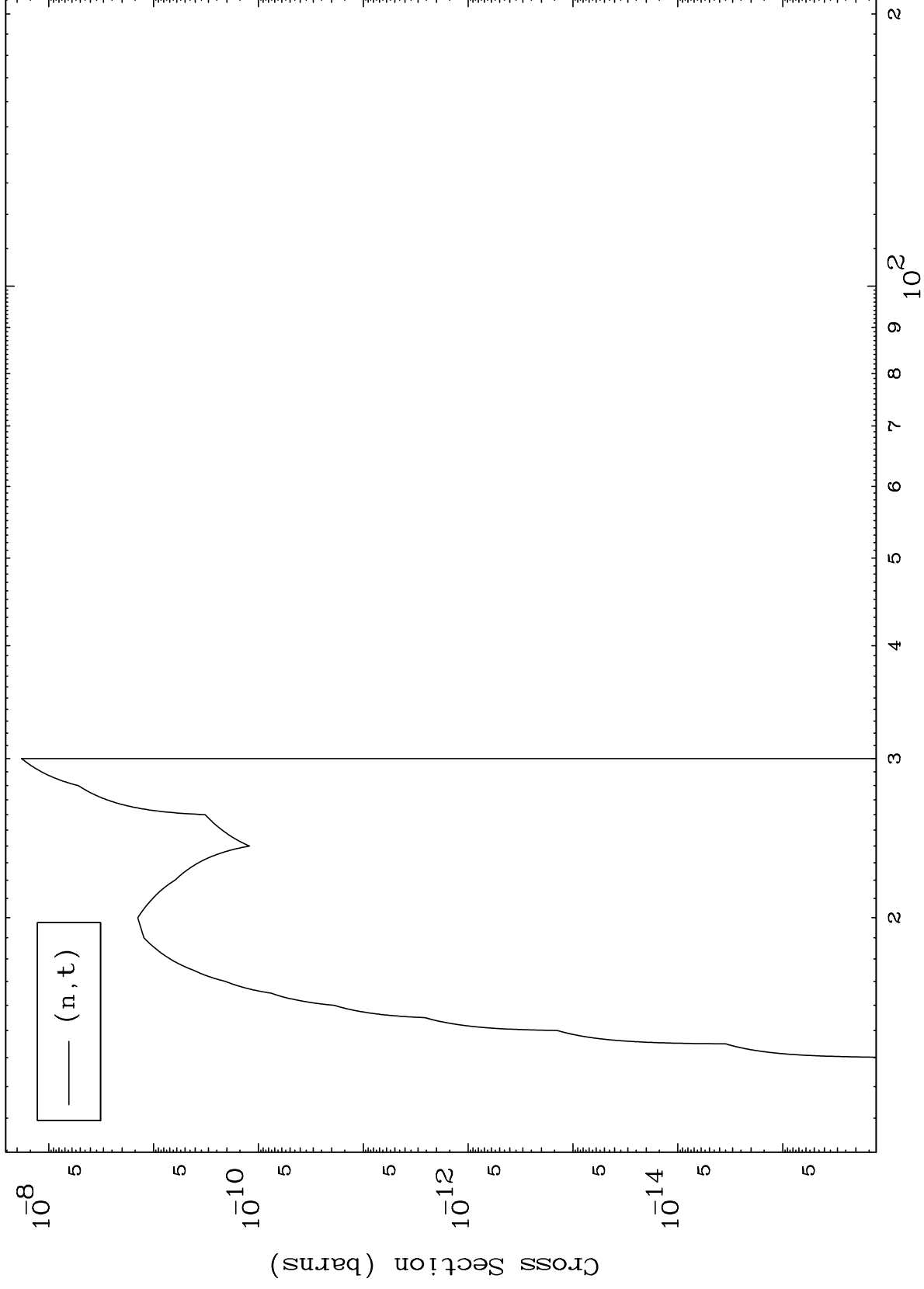
71-Lu-157

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MAT 7071

(γ, t) Levels
0 Kelvin Cross Sections

71-Lu-157



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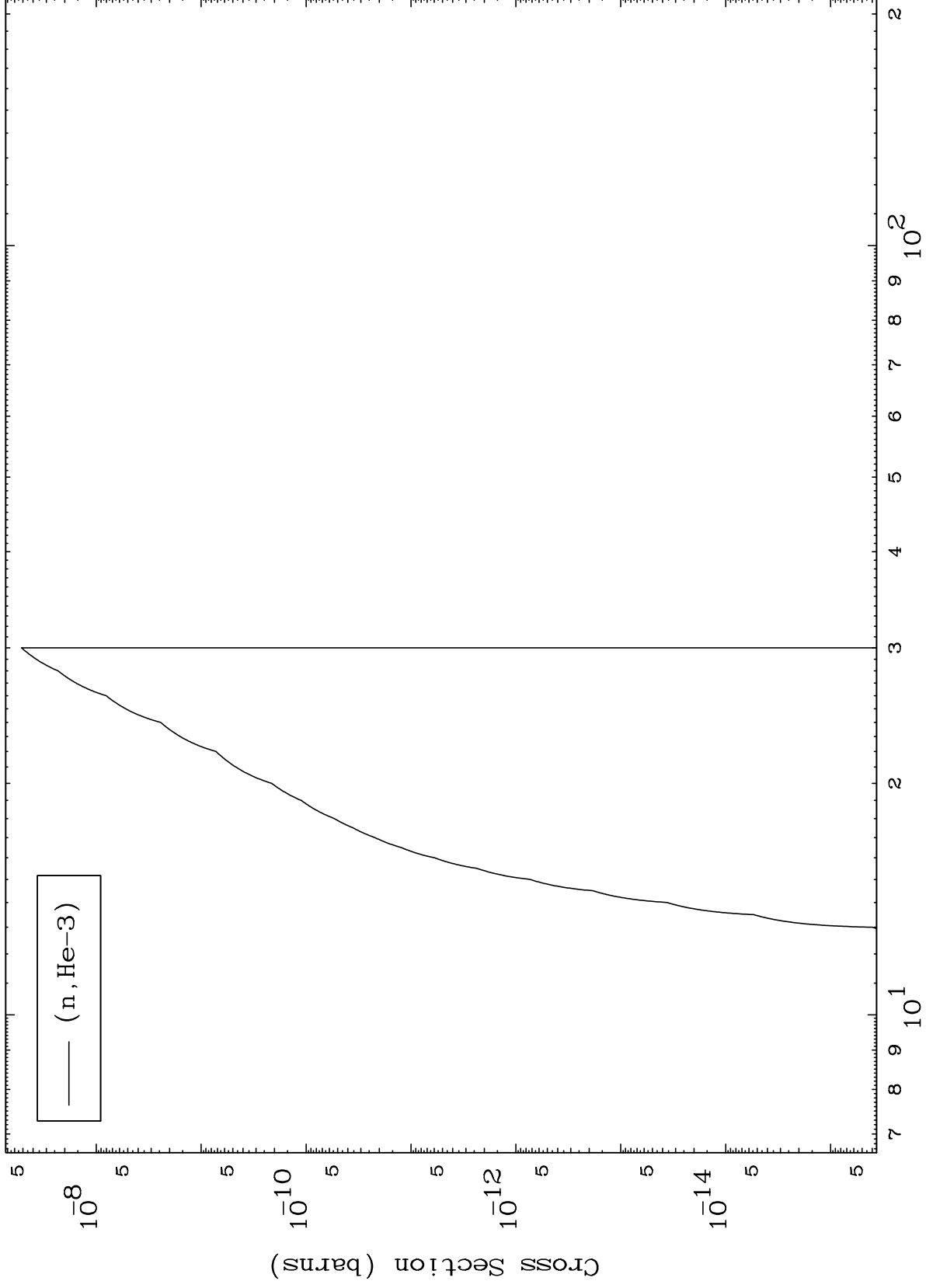
Incident Energy (MeV)

71-Lu-157

MAT 7071

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

71-Lu-157



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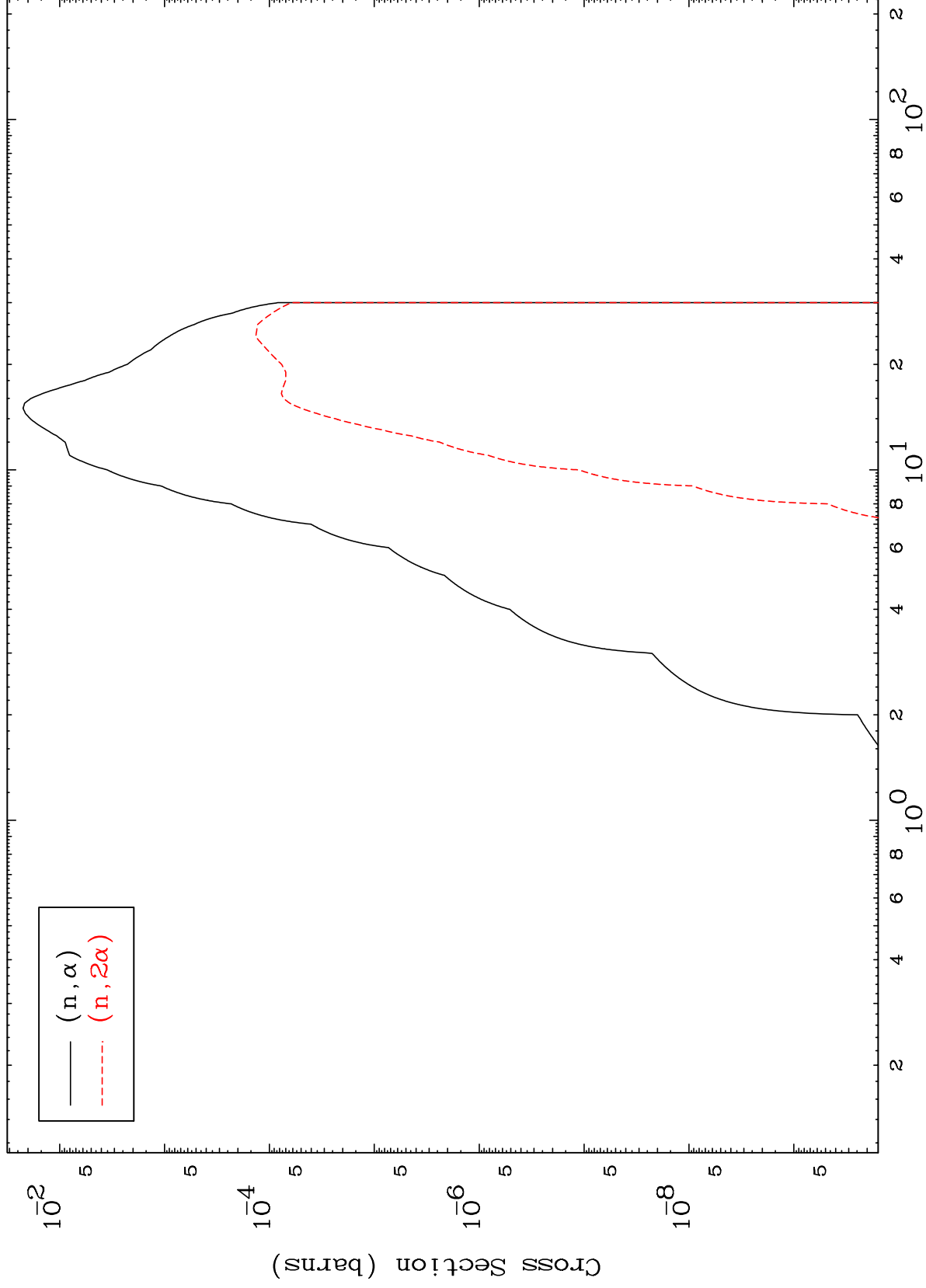
Incident Energy (MeV)

71-Lu-157

MAT 7071

(γ, α) Levels
0 Kelvin Cross Sections

71-Lu-157



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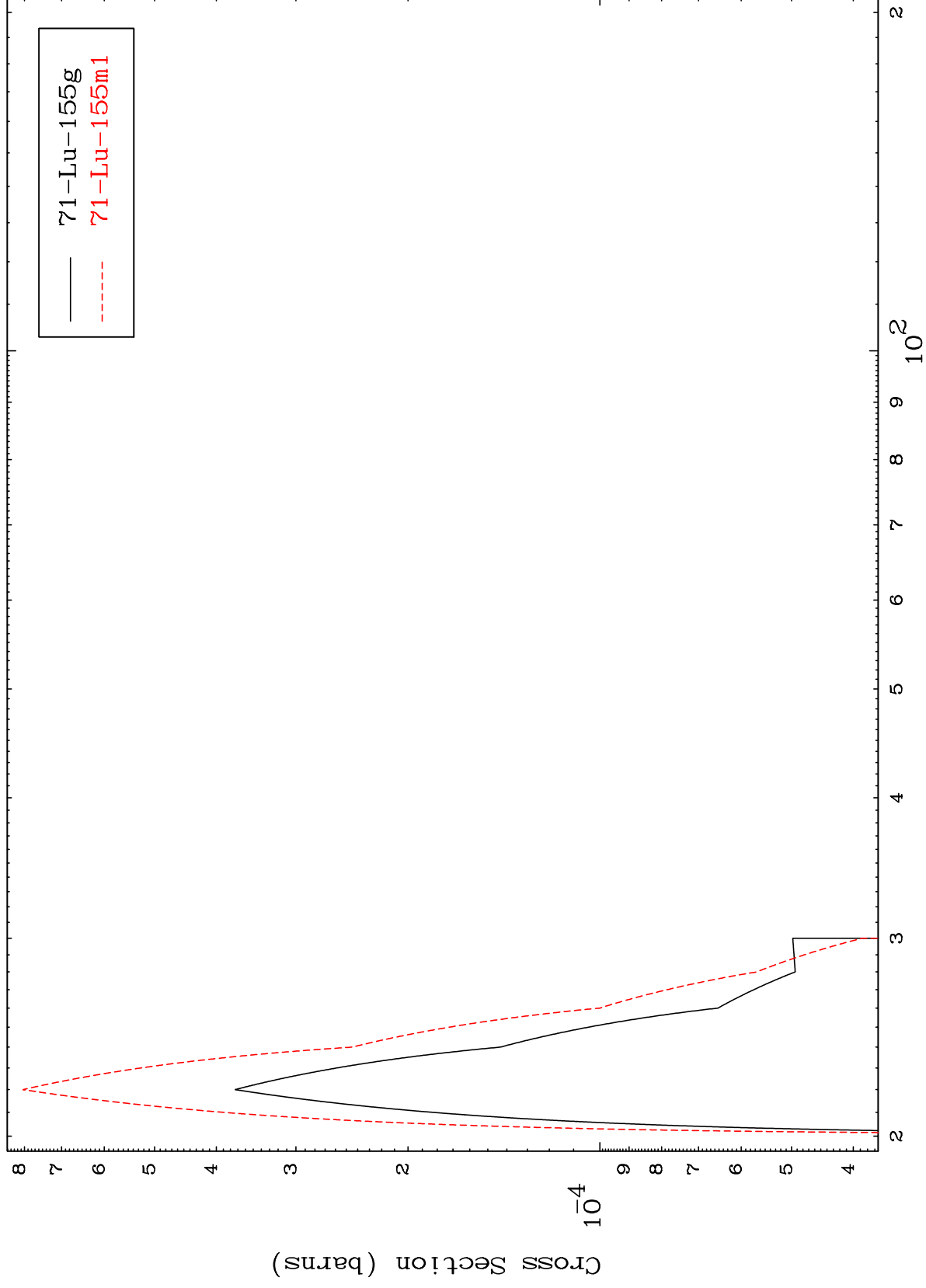
Incident Energy (MeV)

71-Lu-157

MAT 7071

71-Lu-157

(n,2n)
Radionuclide Production Cross Section



71-Lu-157

Incident Energy (MeV)

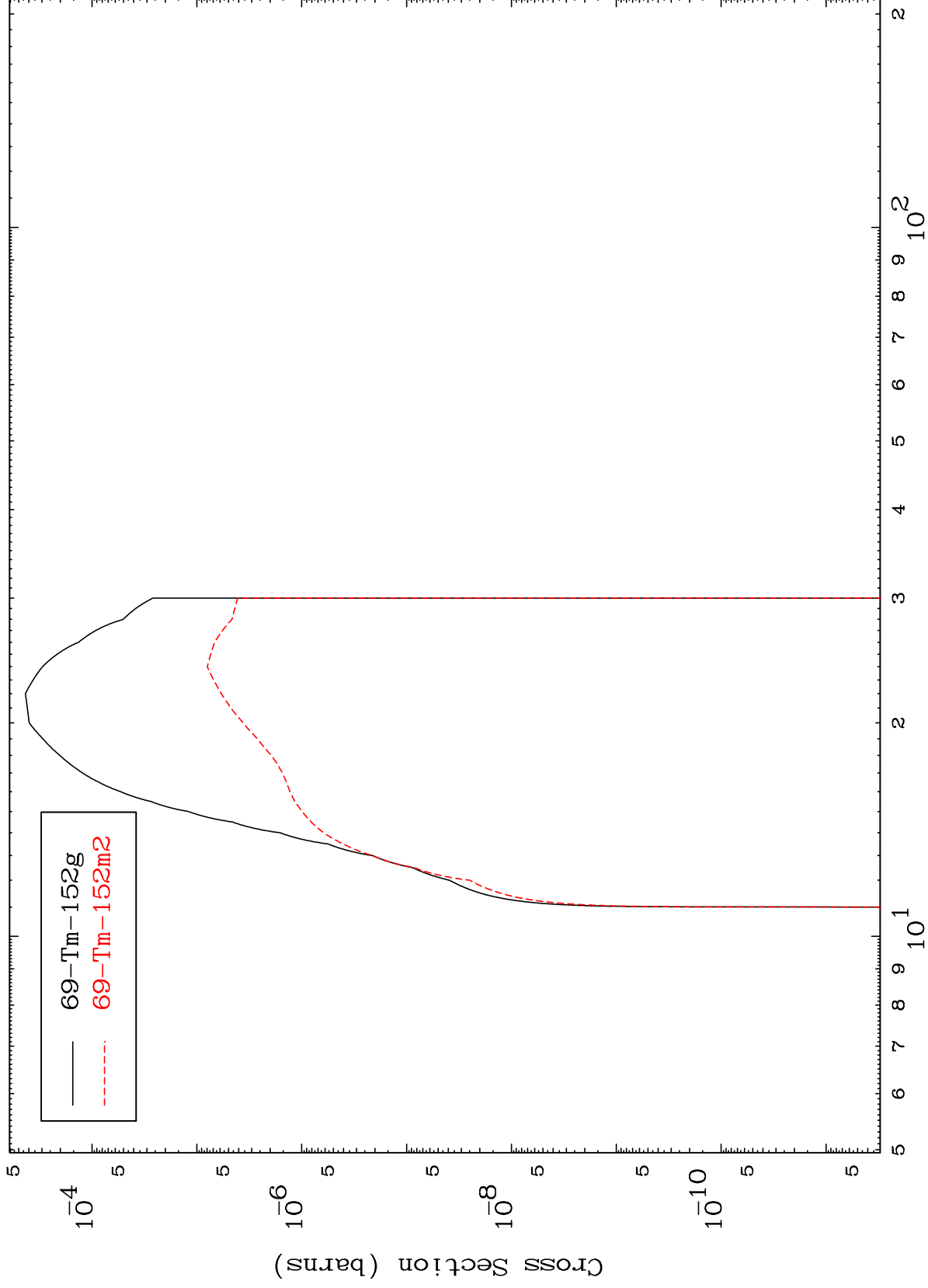
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$(n, n') \alpha$

71-Lu-157

Radionuclide Production Cross Section

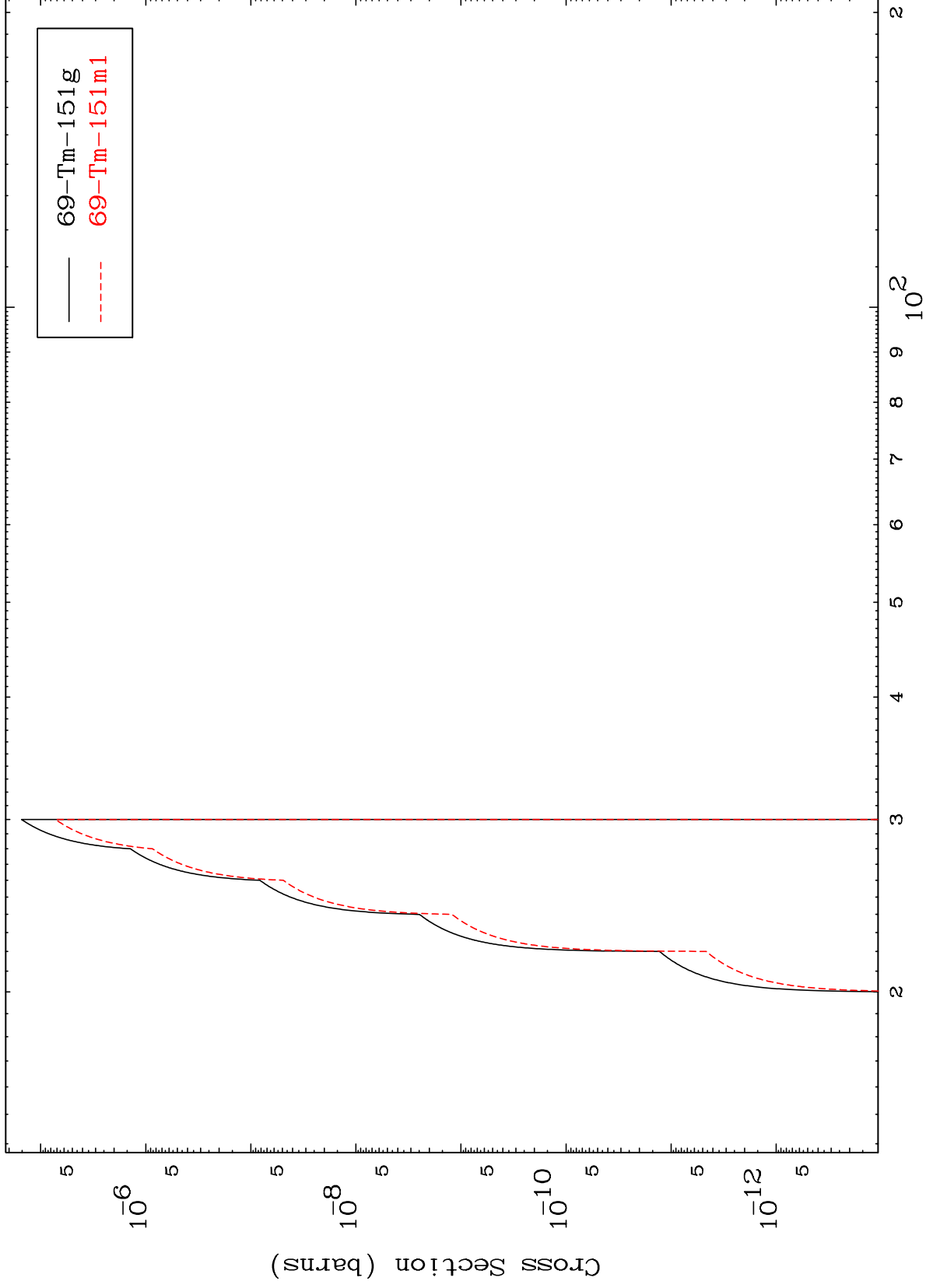


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Incident Energy (MeV)

71-Lu-157

Radionuclide Production Cross Section

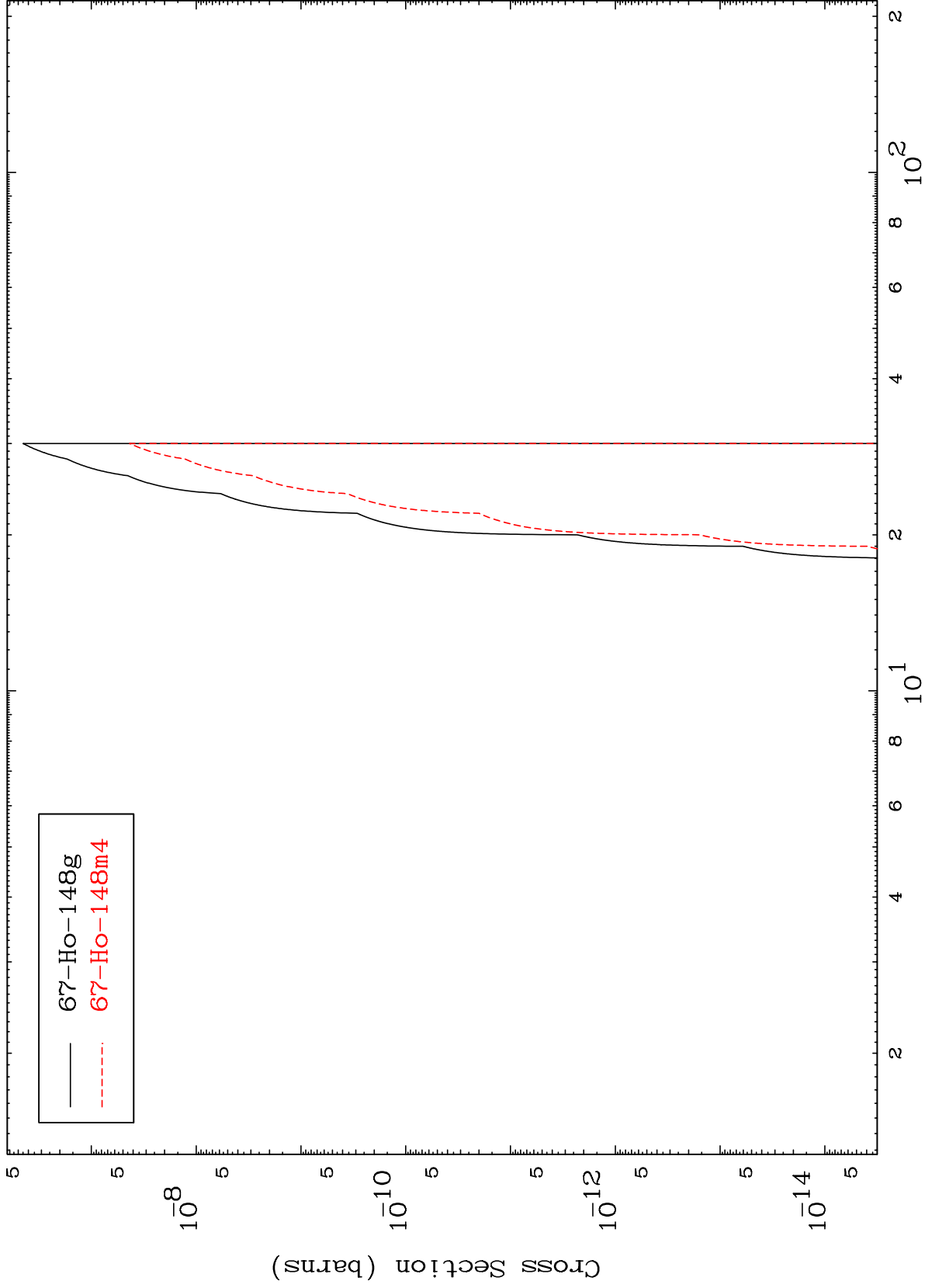


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(n,n') 2α

71-Lu-157

Radionuclide Production Cross Section

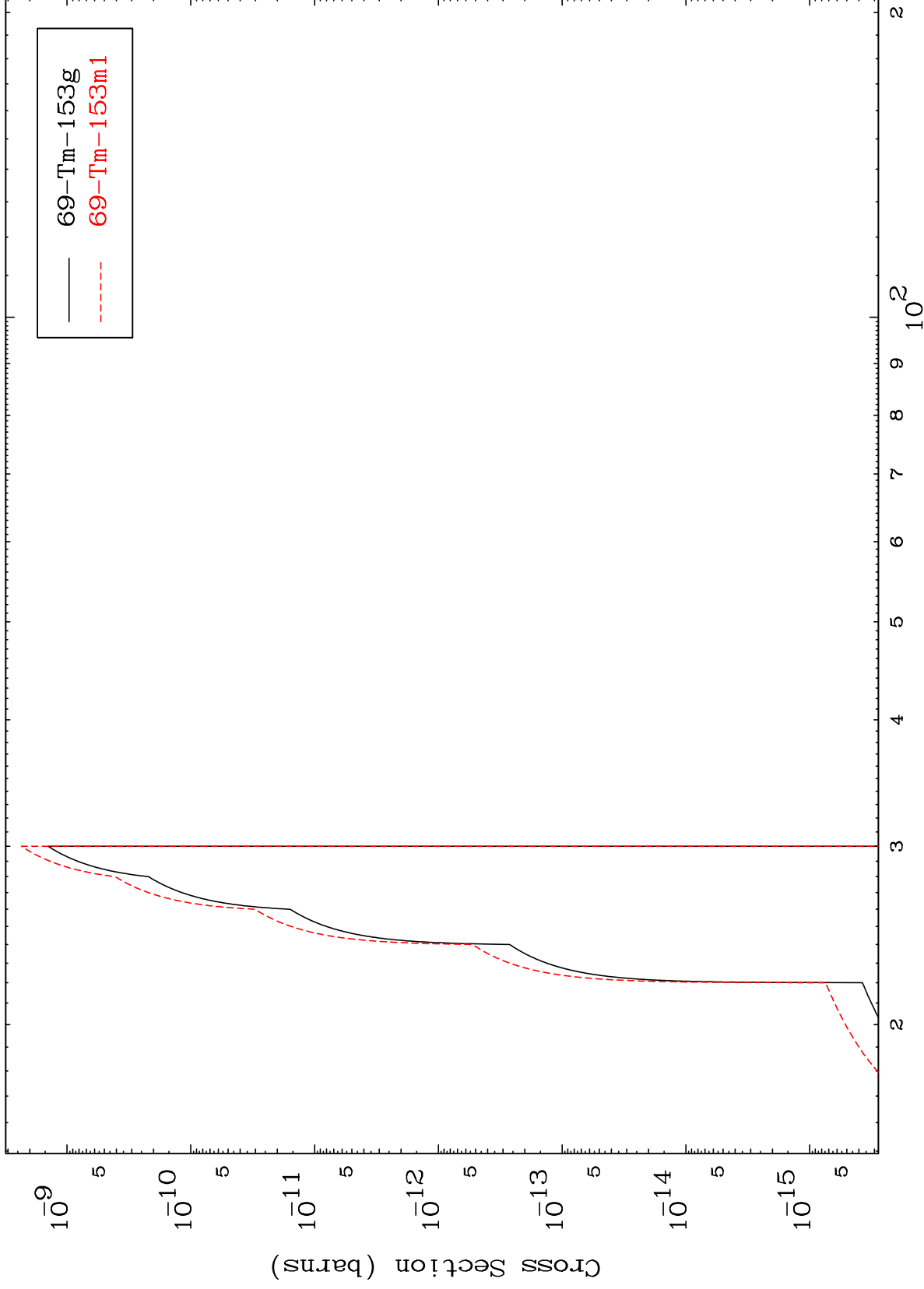


16

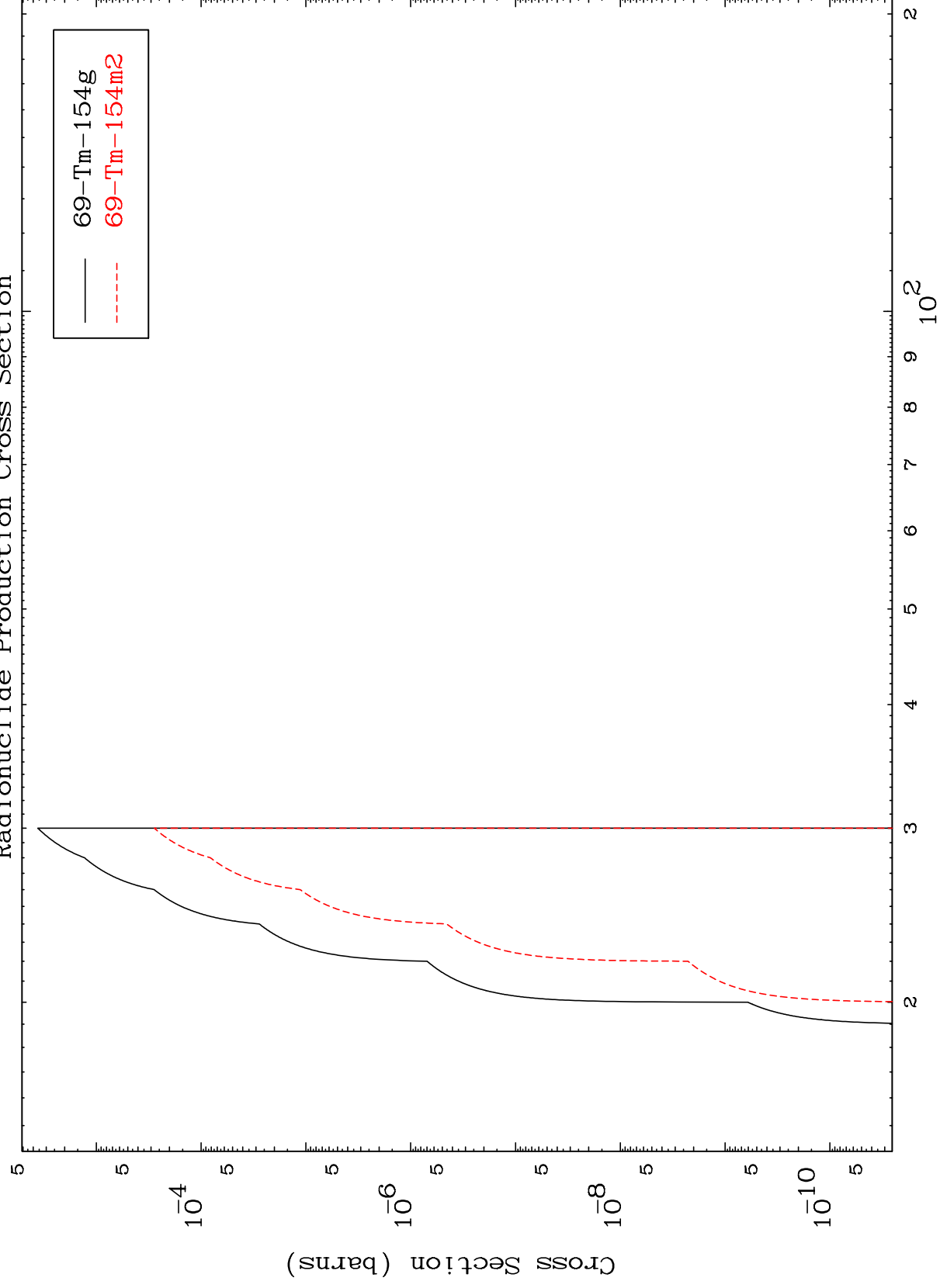
Incident Energy (MeV)

71-Lu-157

Radionuclide Production Cross Section



Radionuclide Production Cross Section

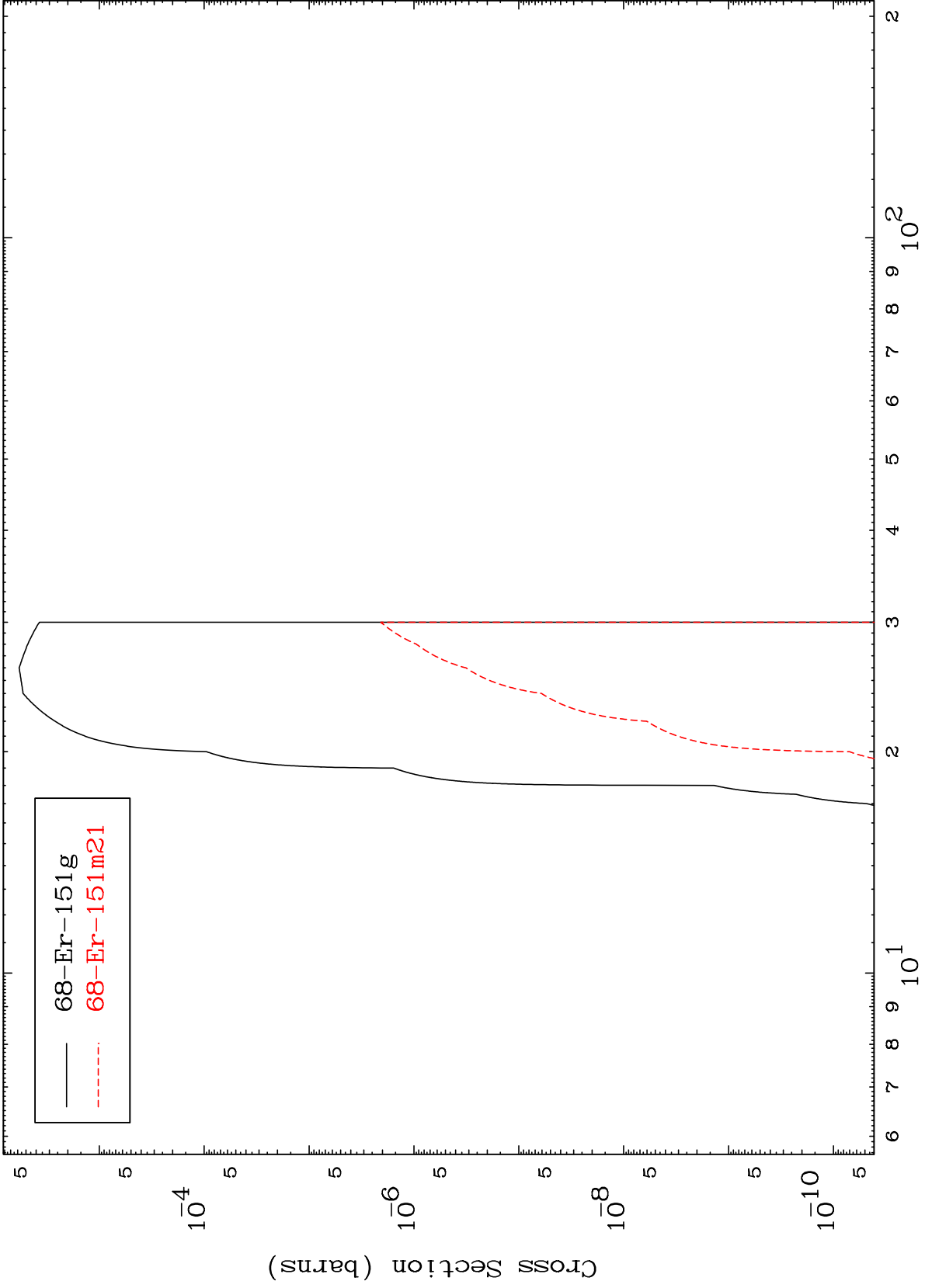


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(n,n') p α

71-Lu-157

Radionuclide Production Cross Section



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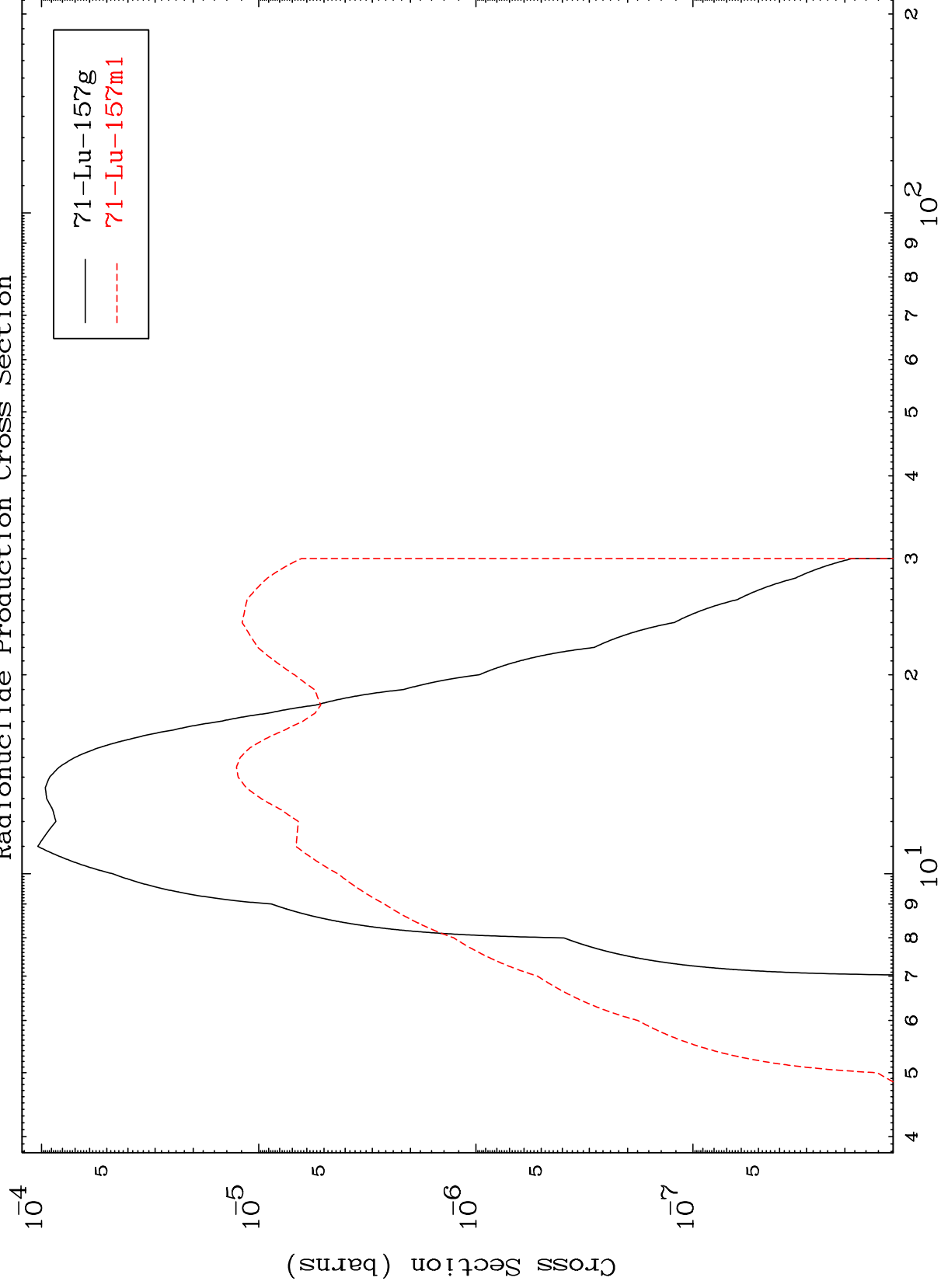
Incident Energy (MeV)

71-Lu-157

MAT 7071

⁷¹Lu-157

(n,γ)
Radionuclide Production Cross Section

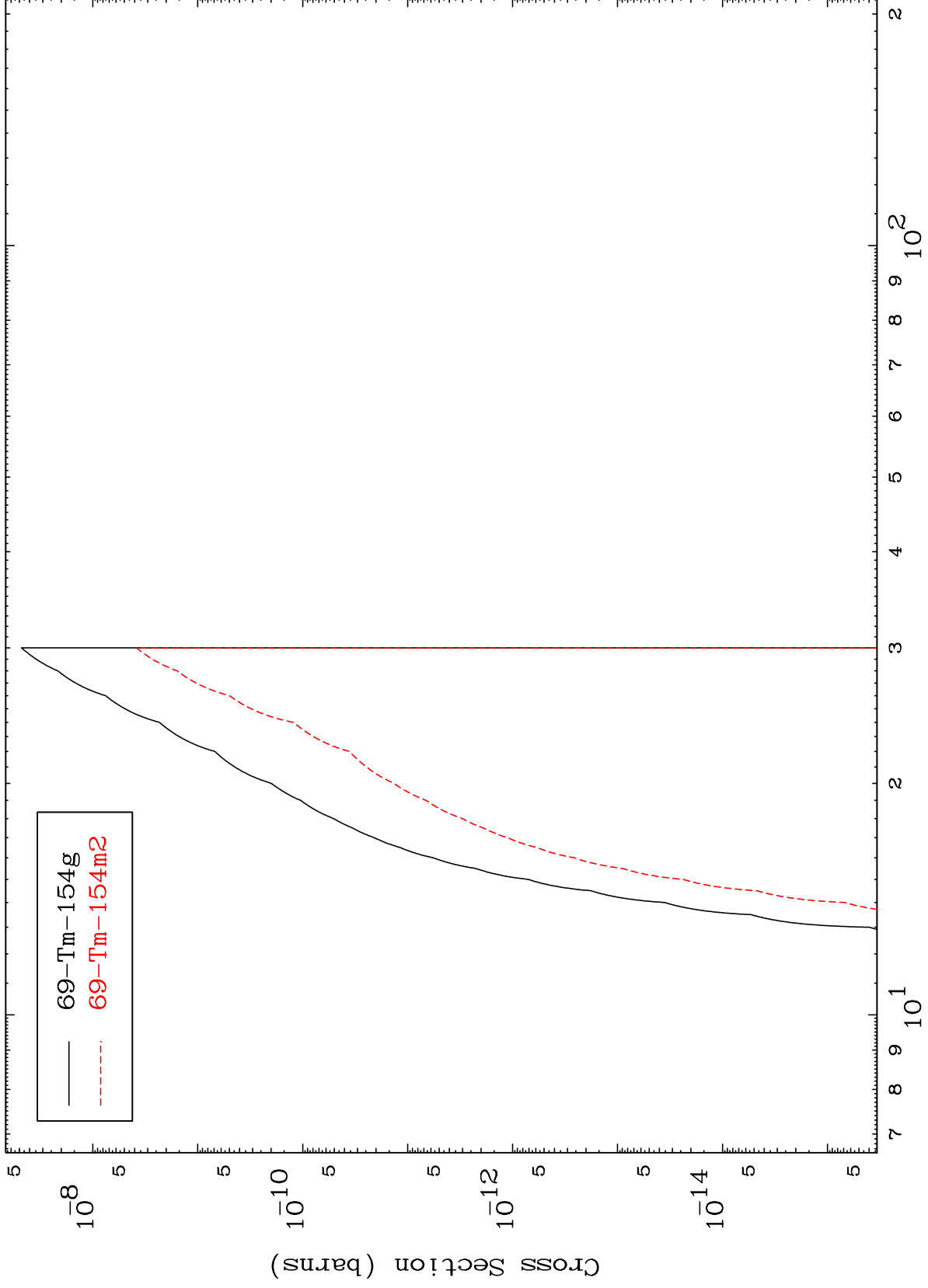


⁷¹Lu-157

Incident Energy (MeV)

20

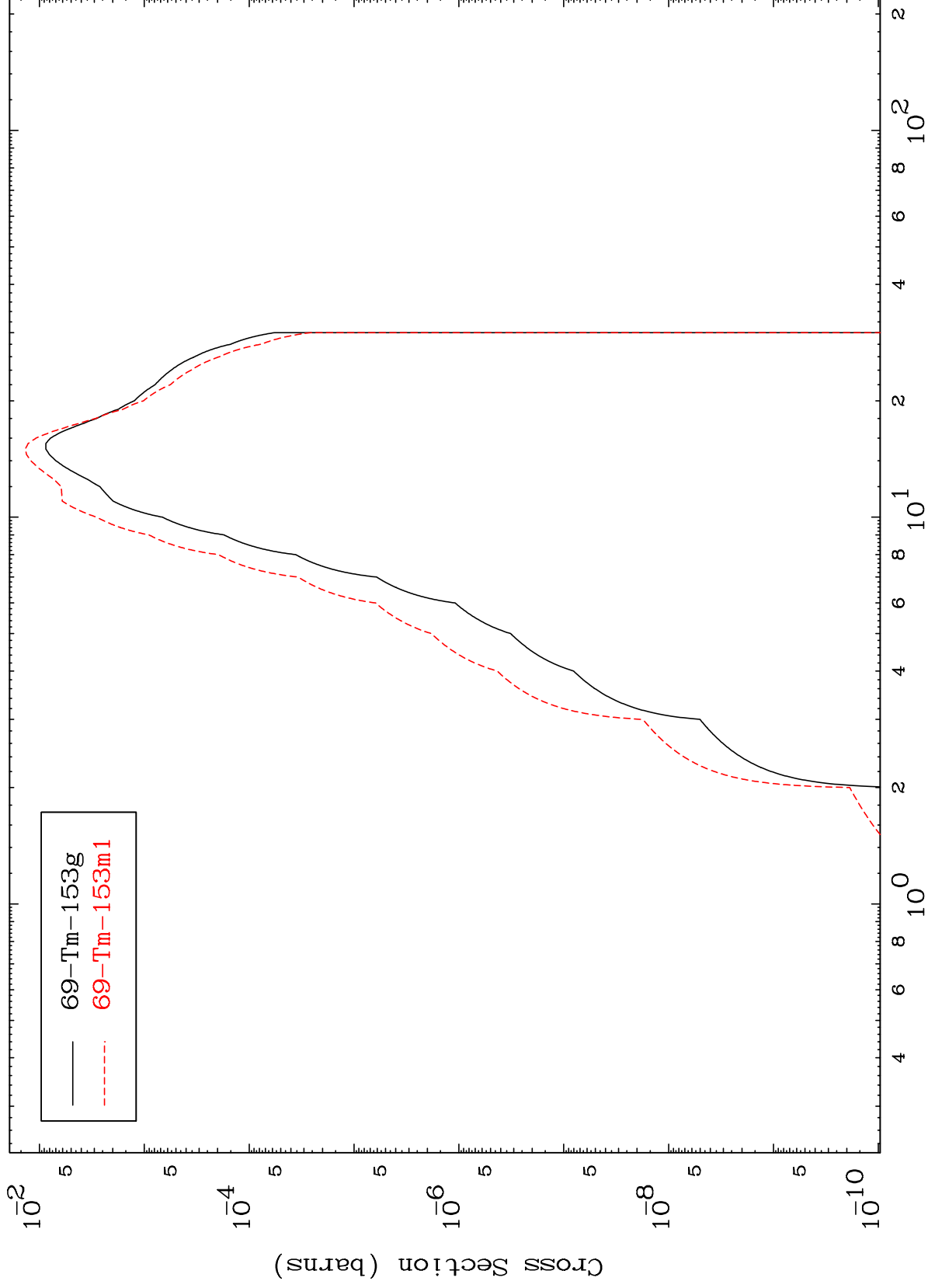
Radionuclide Production Cross Section



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71-Lu-157

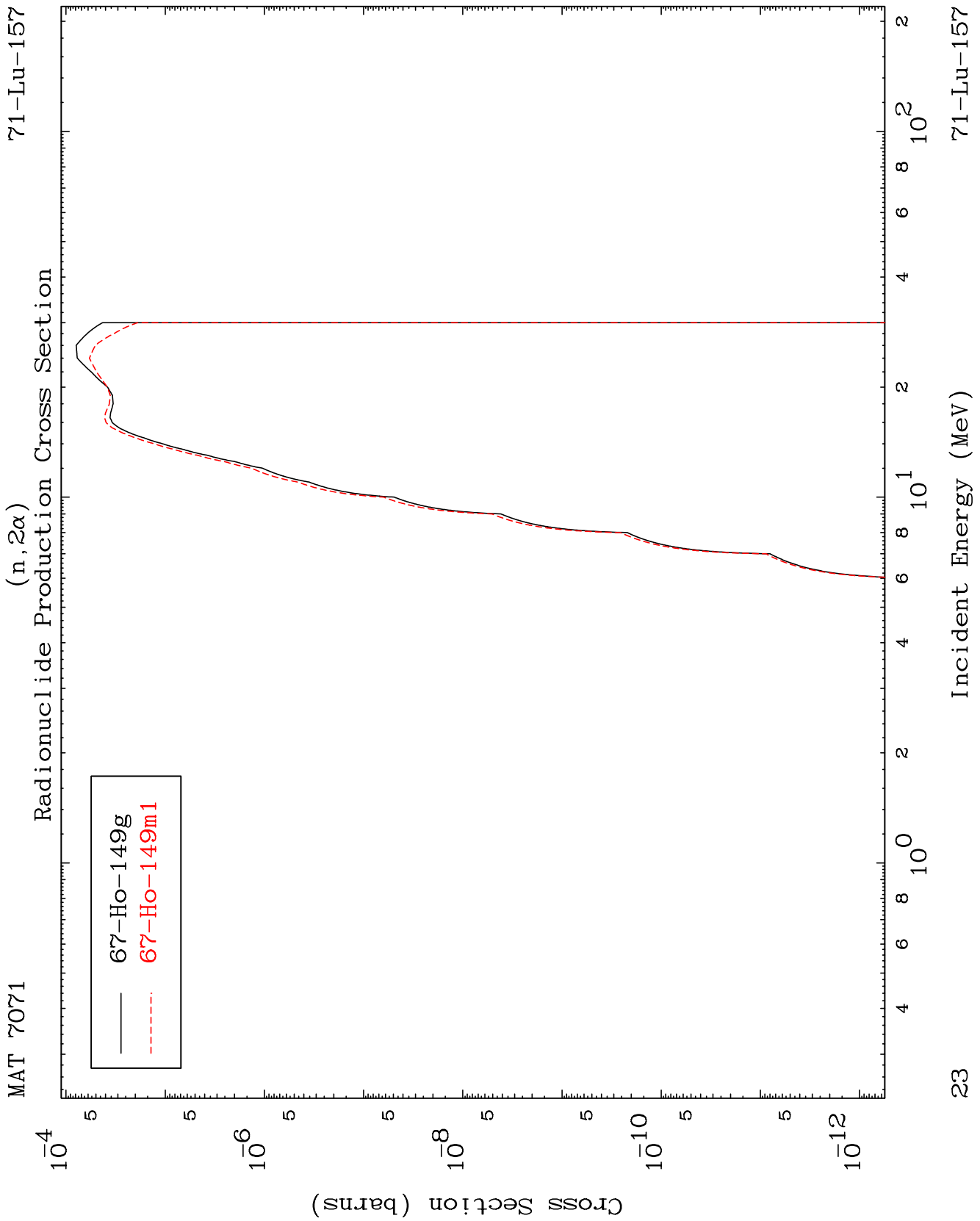
Radionuclide Production Cross Section



Incident Energy (MeV)

71-Lu-157

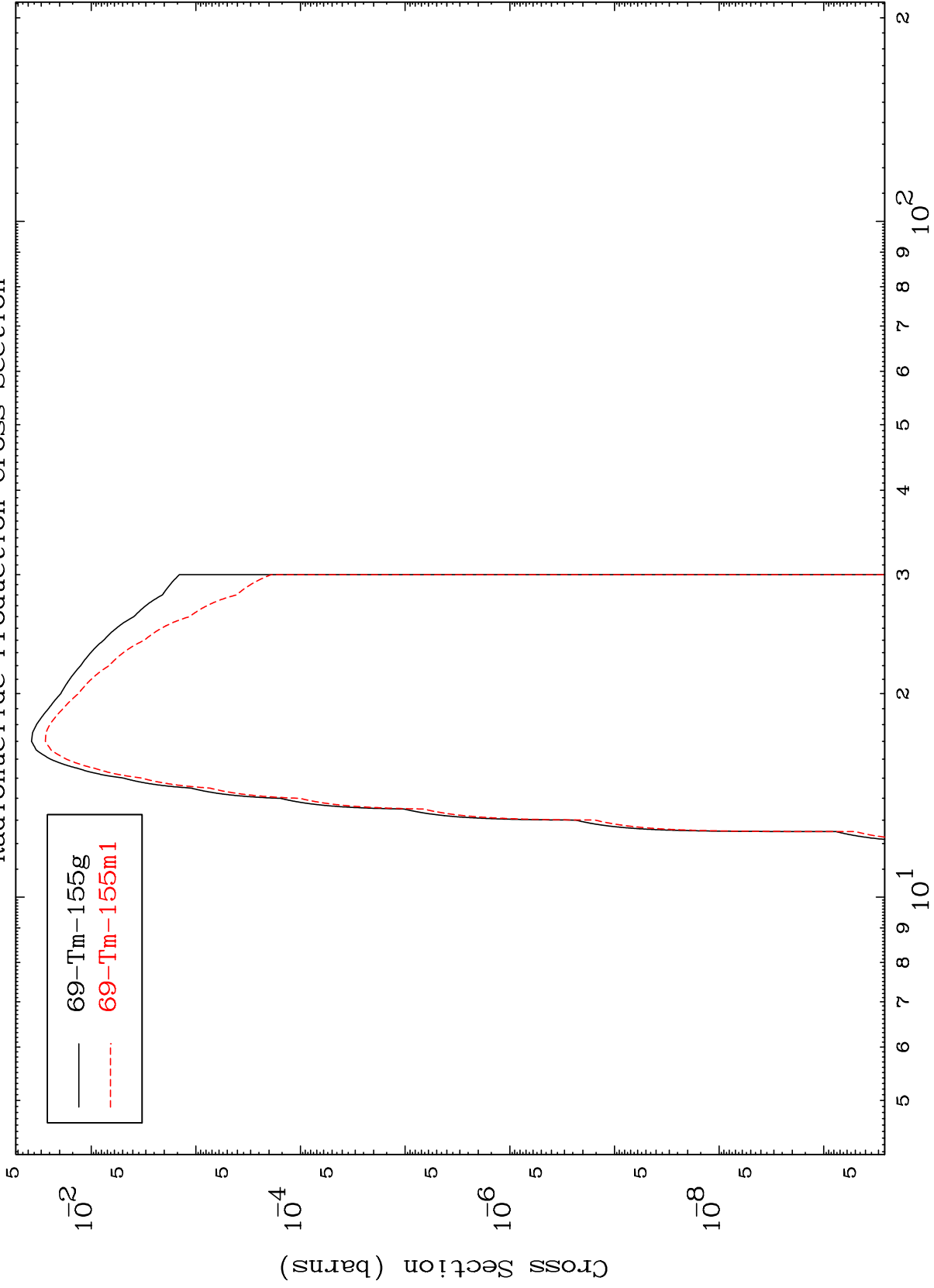
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71-Lu-157

(n,2p)
Radionuclide Production Cross Section

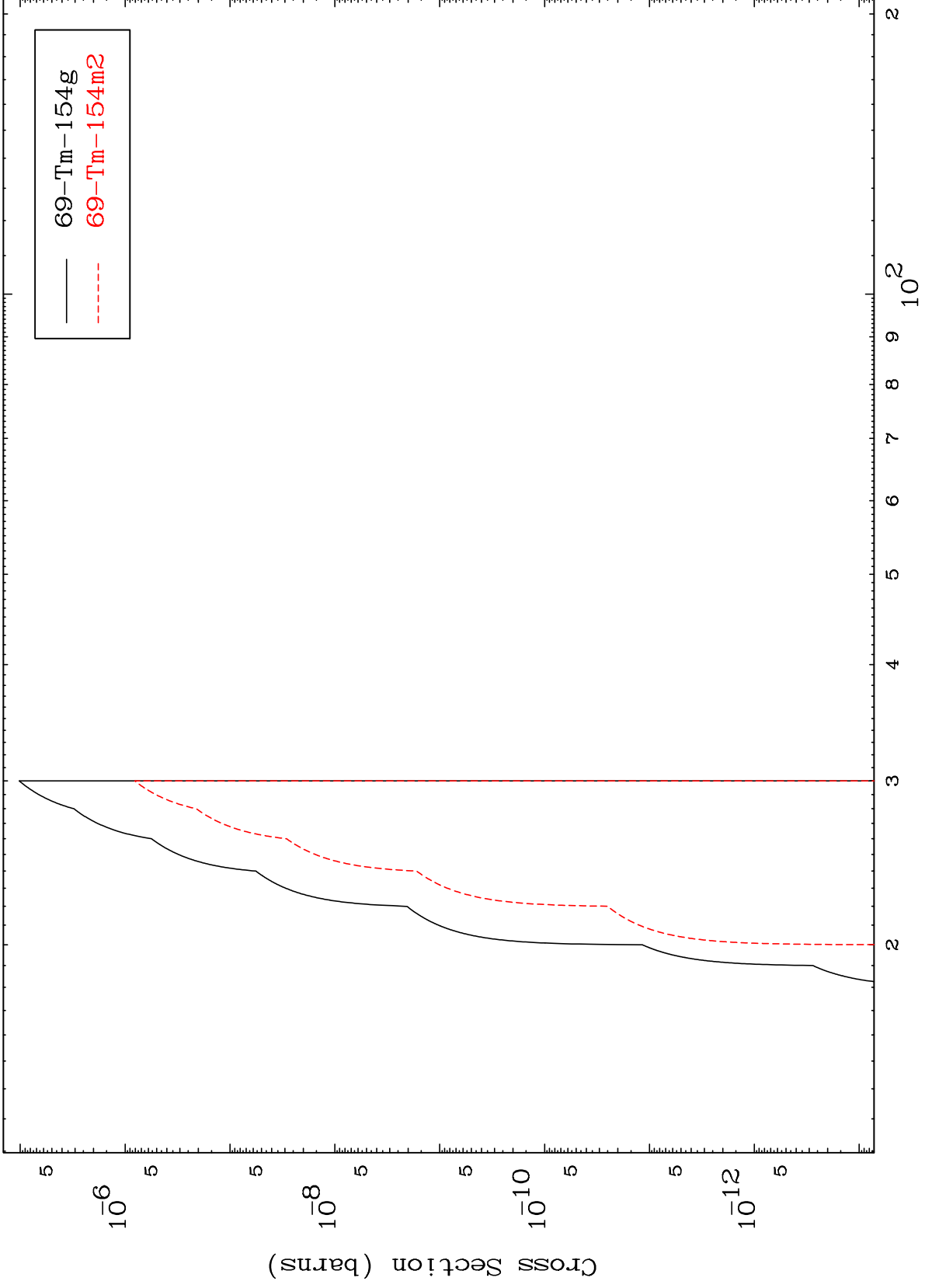


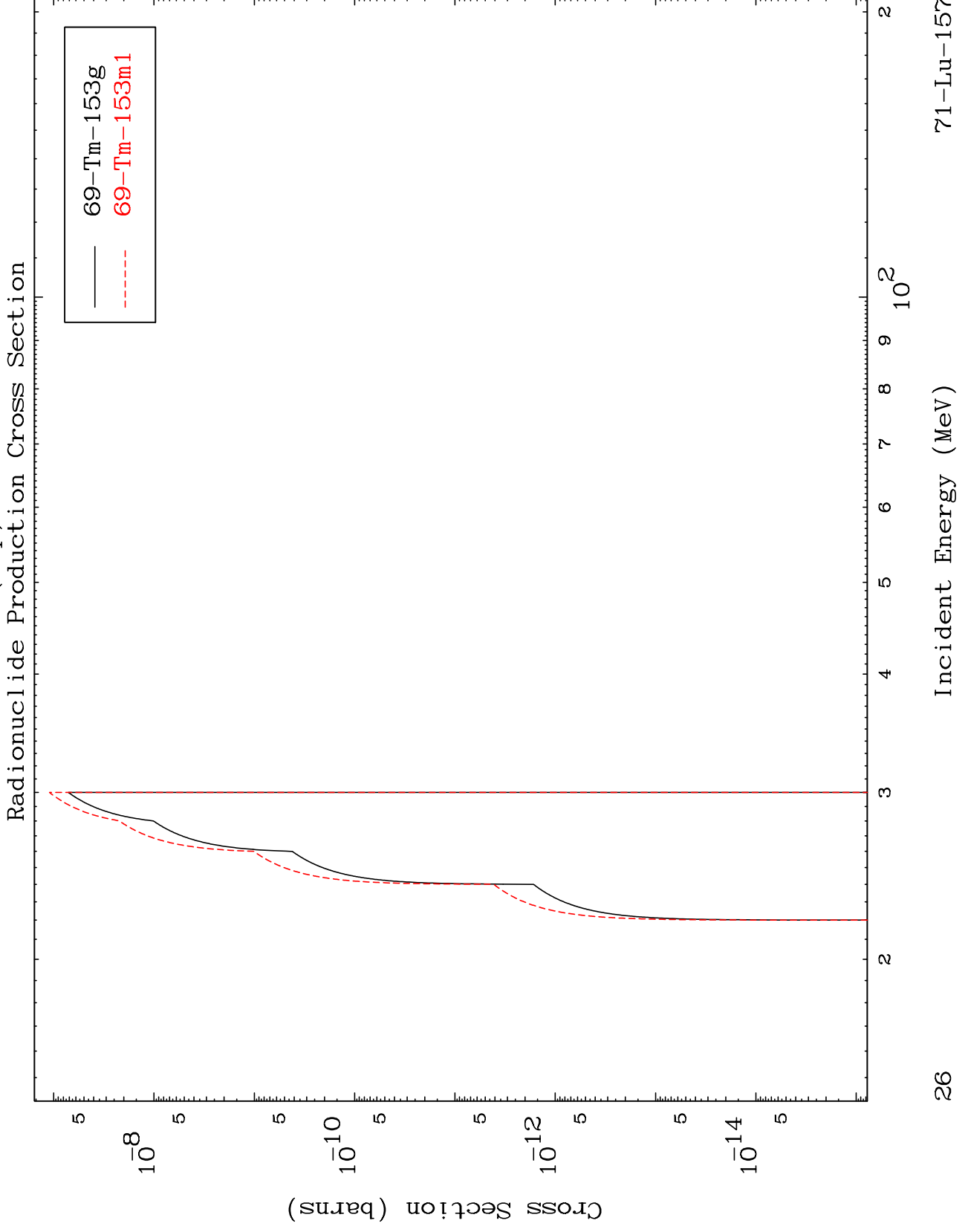
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Incident Energy (MeV)

71-Lu-157

Radionuclide Production Cross Section



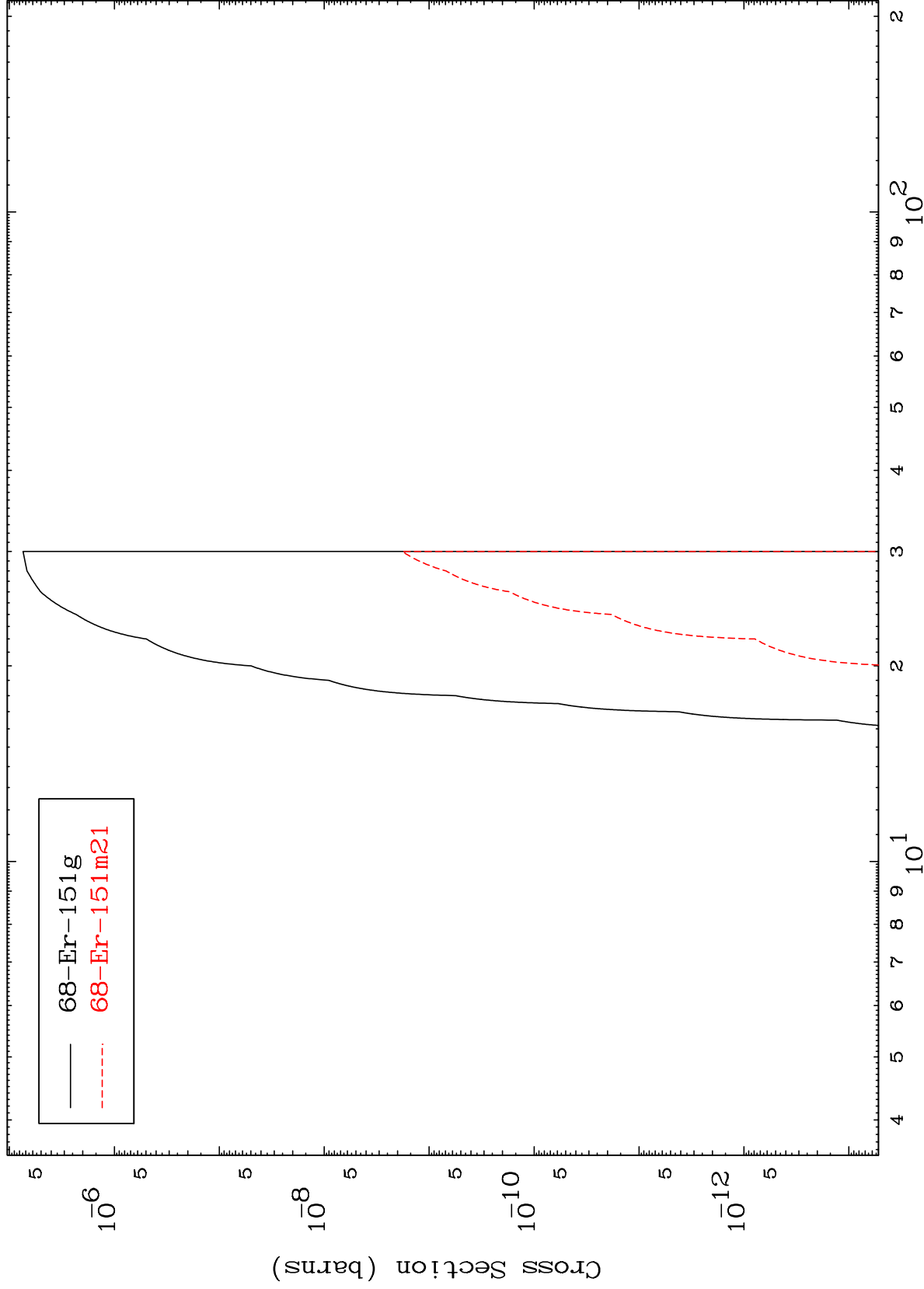


MAT 7071

(n,d) α

⁷¹Lu-157

Radionuclide Production Cross Section



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Incident Energy (MeV)

⁷¹Lu-157