

Program EVALPLOT
(Version 2021-1)

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

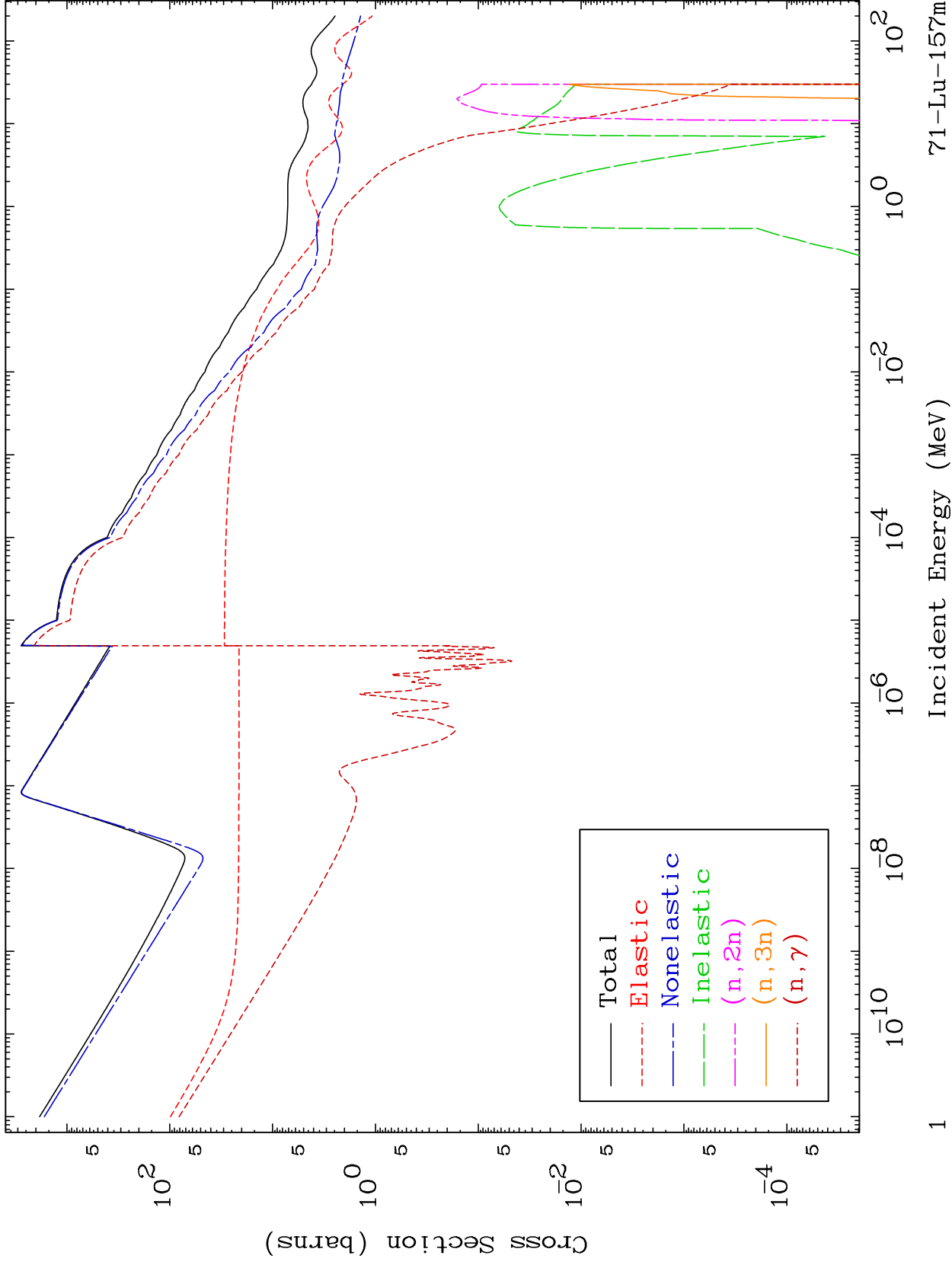
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7072

Neutron Major
293 Kelvin Cross Sections

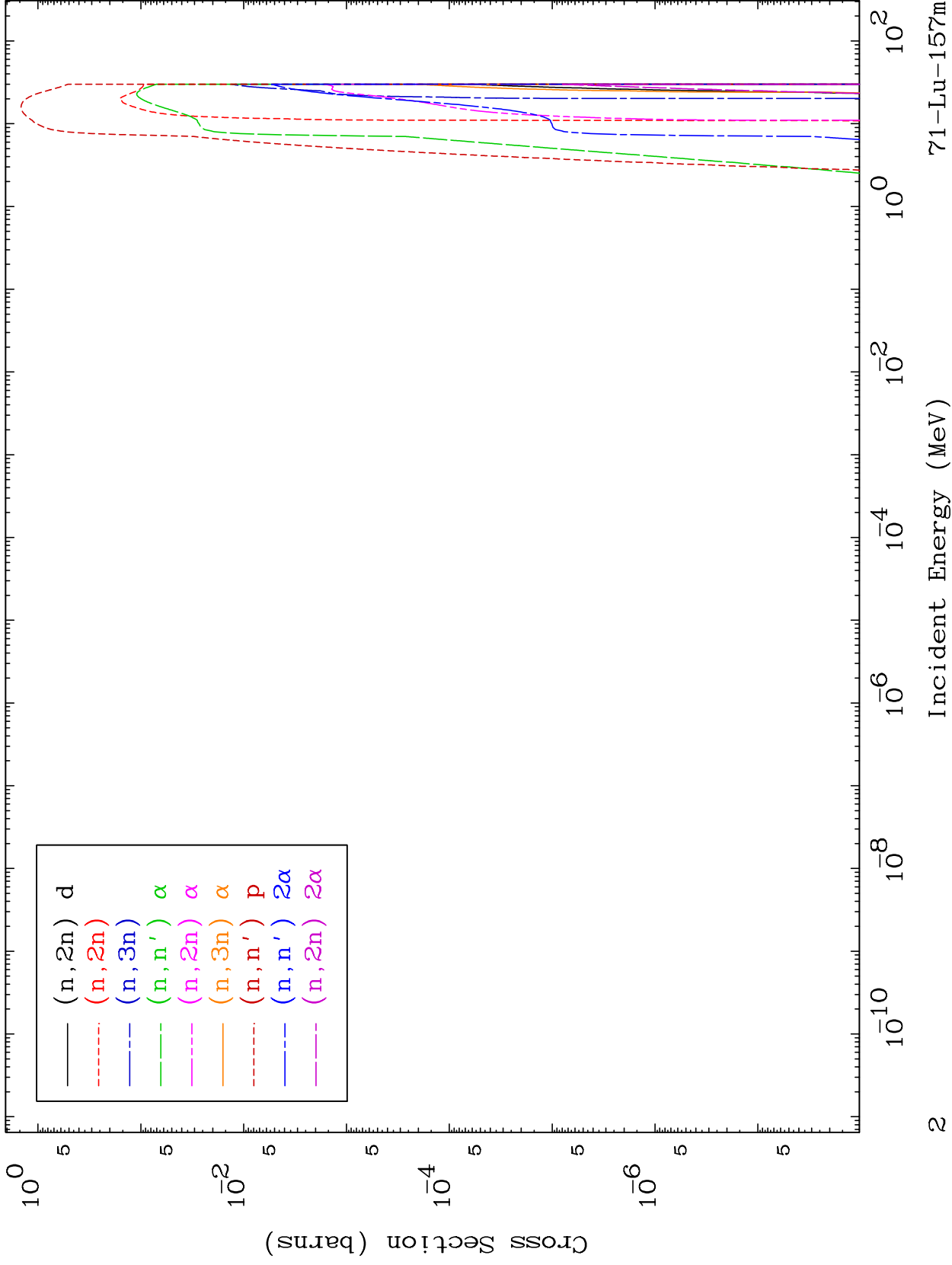
71-Lu-157m



MAT 7072

Neutron Absorption
293 Kelvin Cross Sections

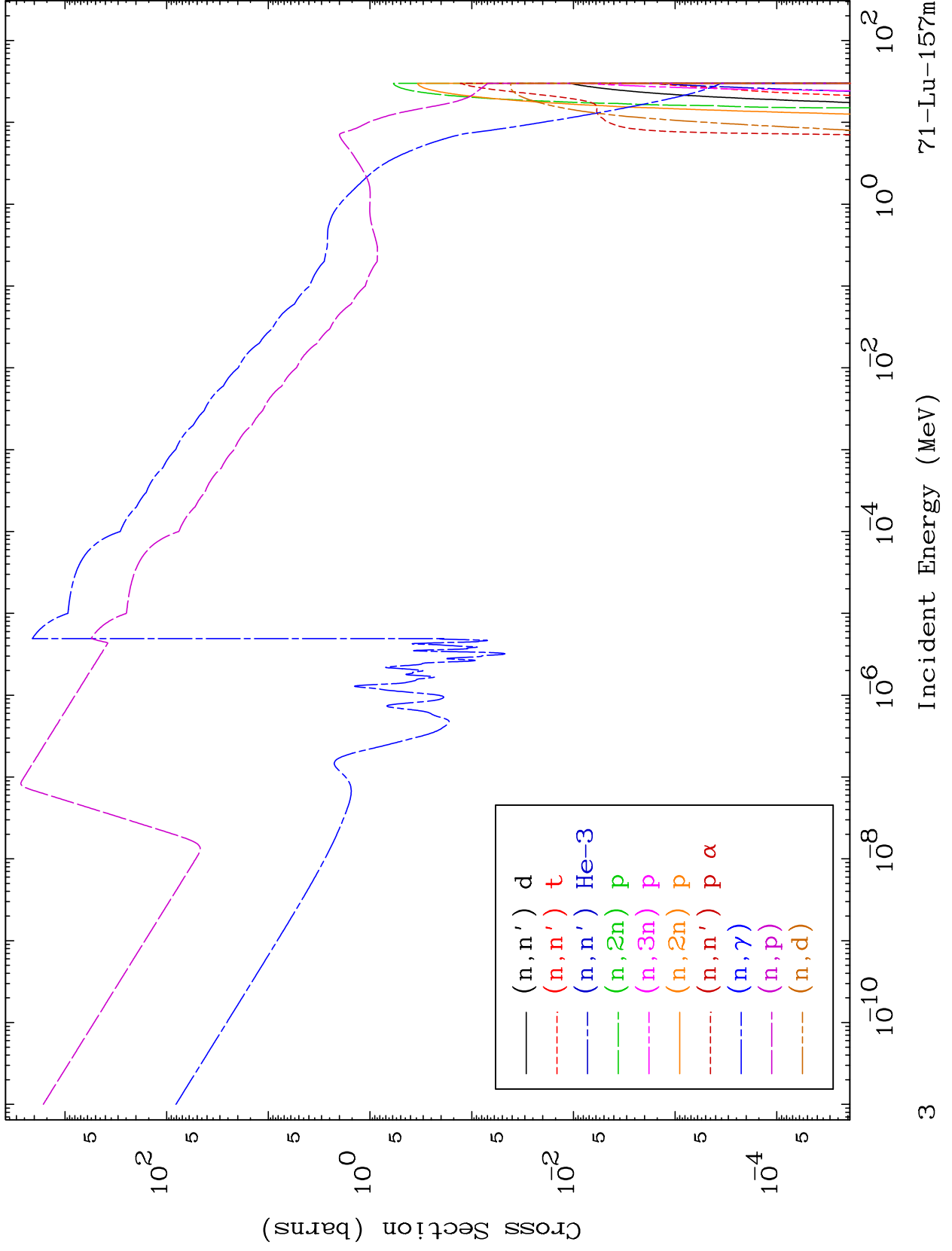
71-Lu-157m



MAT 7072

Neutron Absorption
293 Kelvin Cross Sections

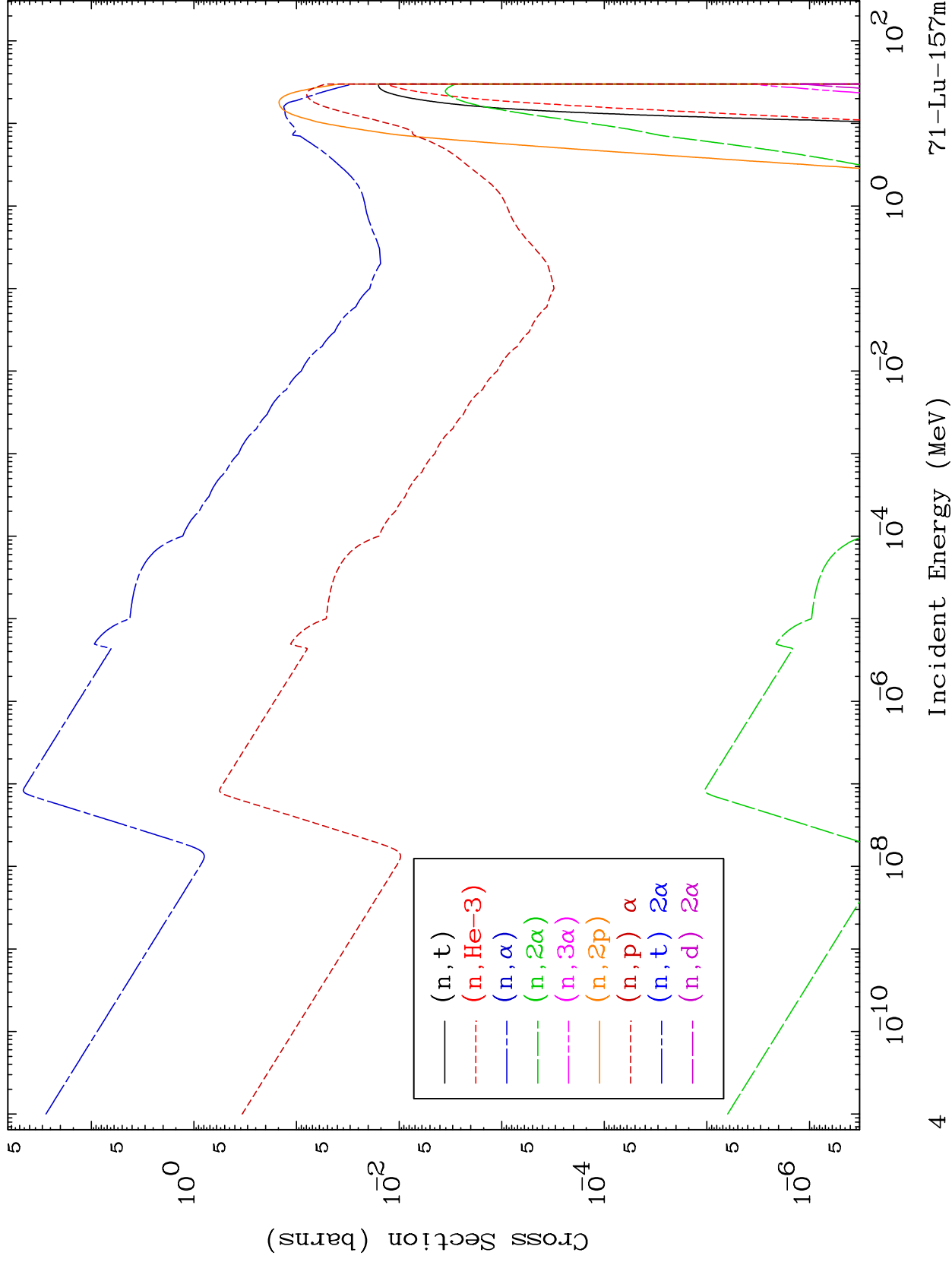
71-Lu-157m

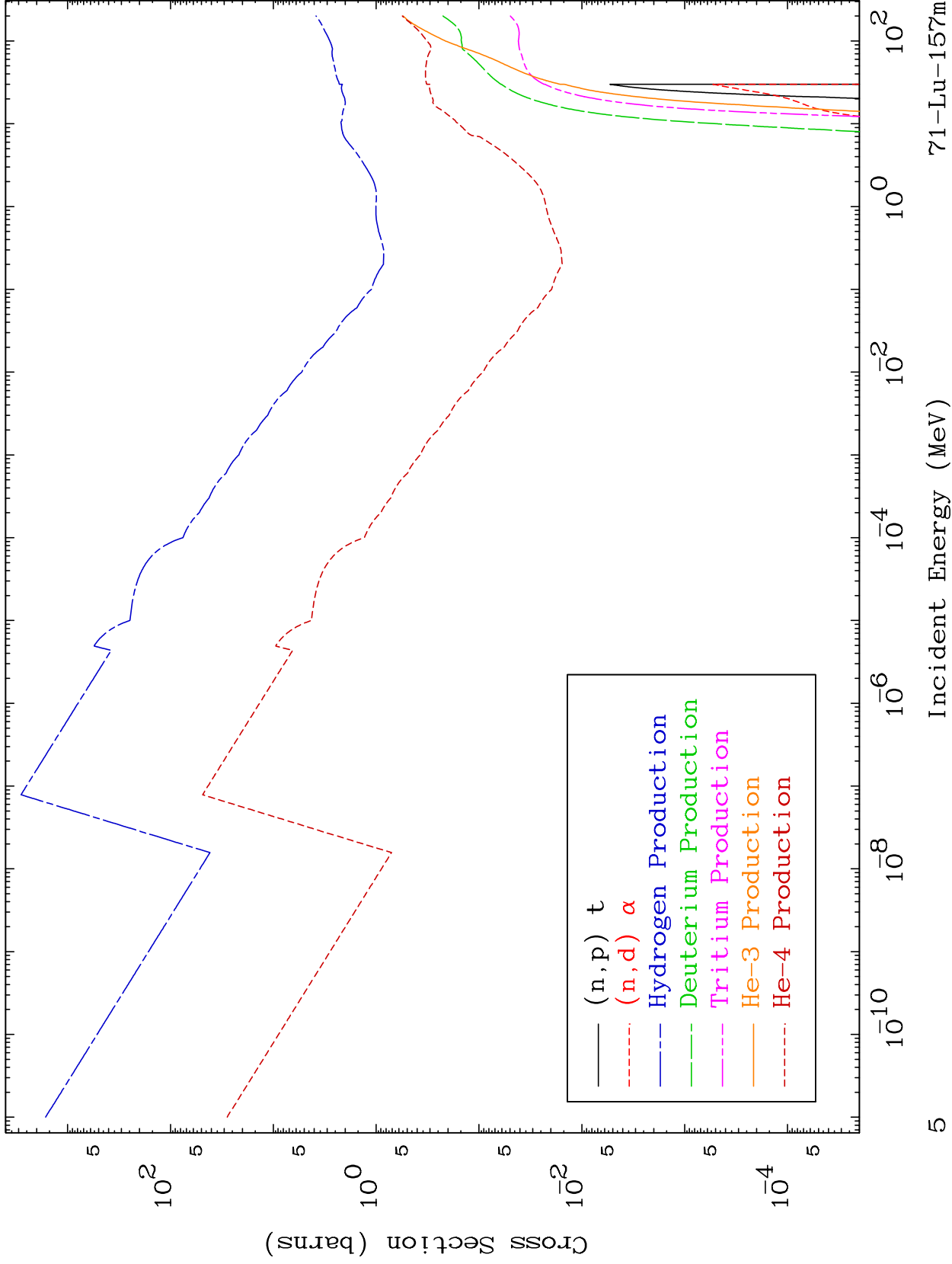


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Neutron Absorption
293 Kelvin Cross Sections

71-Lu-157m

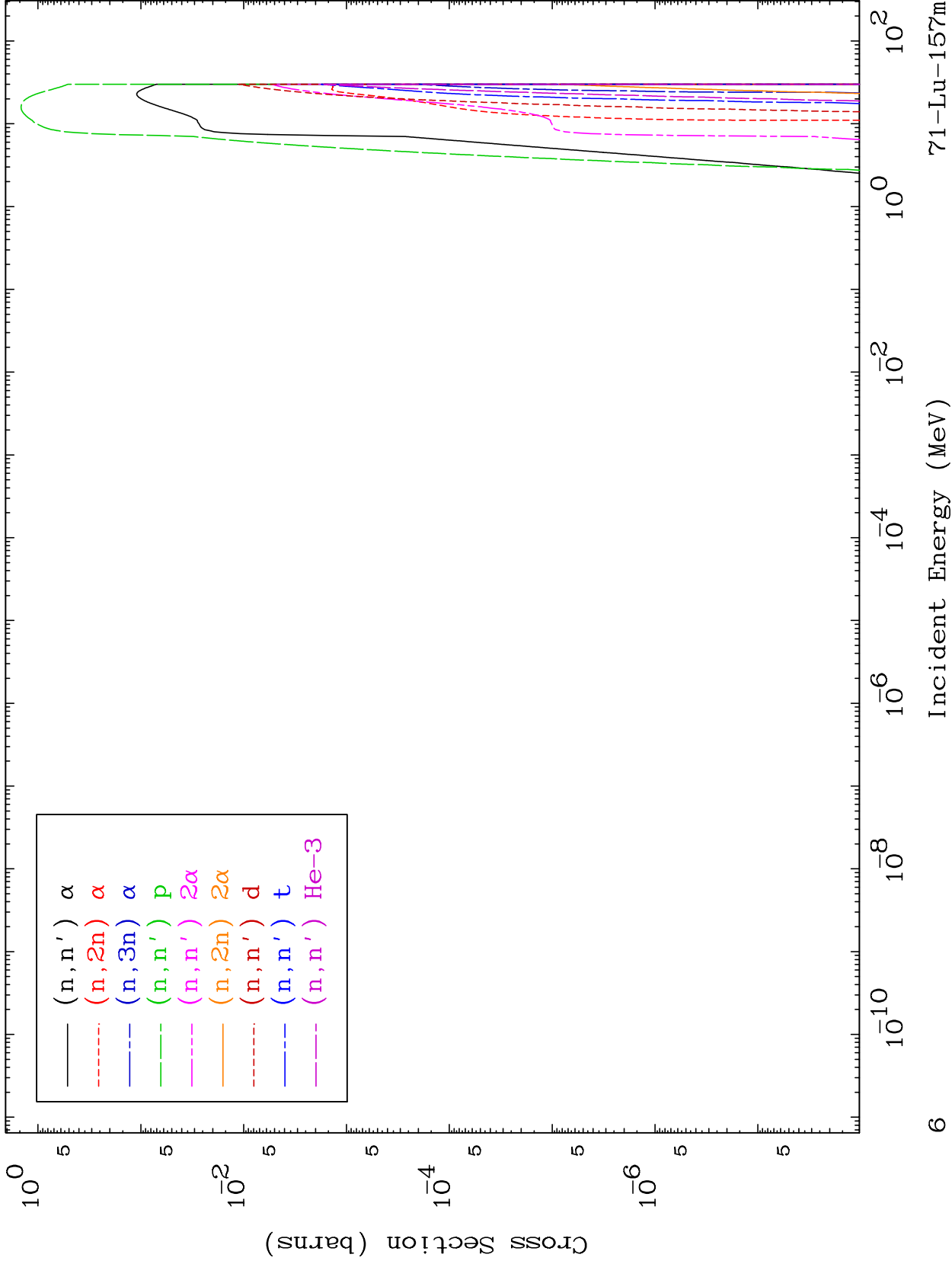




MAT 7072

Charged Particle
293 Kelvin Cross Sections

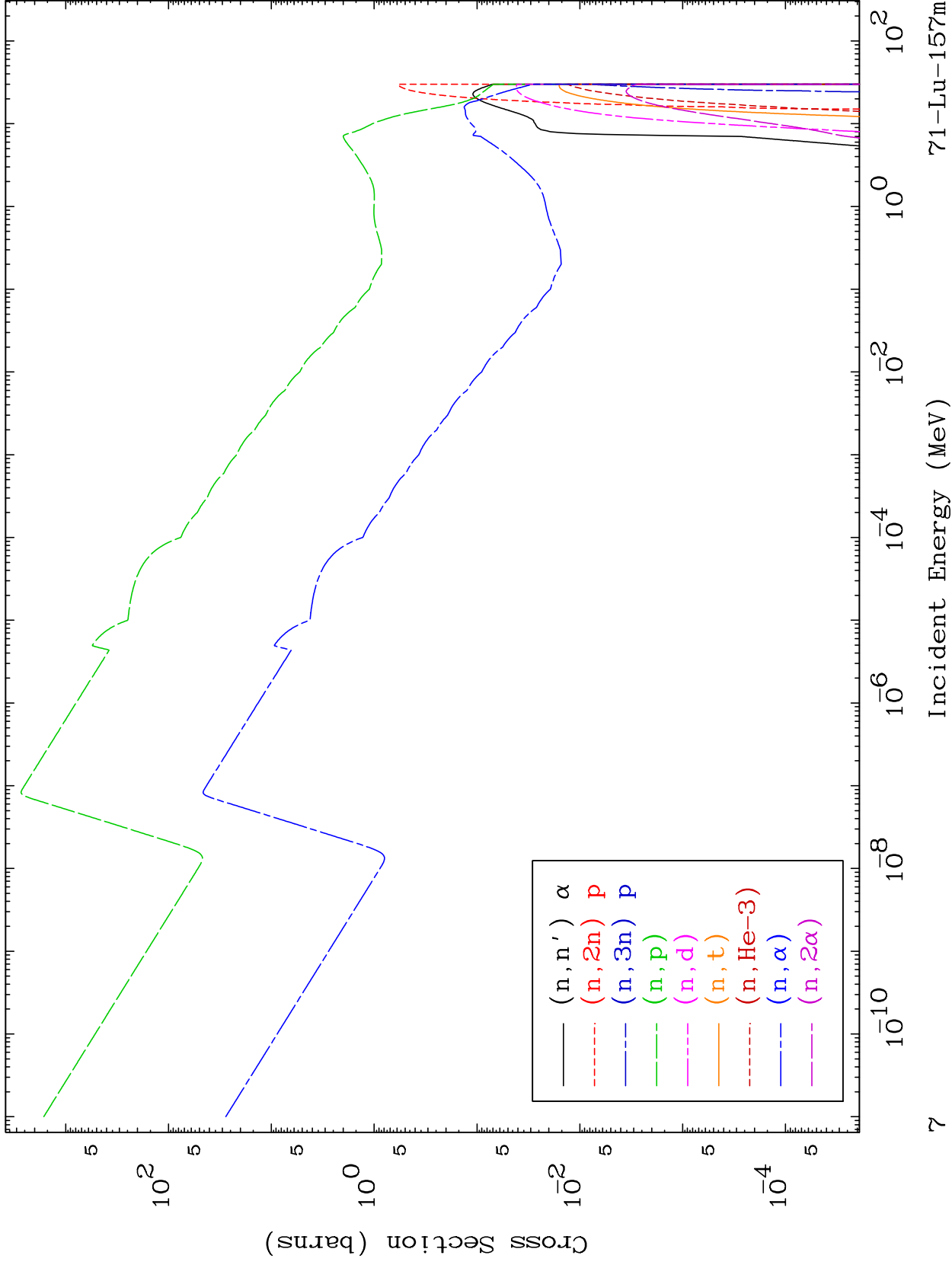
71-Lu-157m



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Charged Particle
293 Kelvin Cross Sections

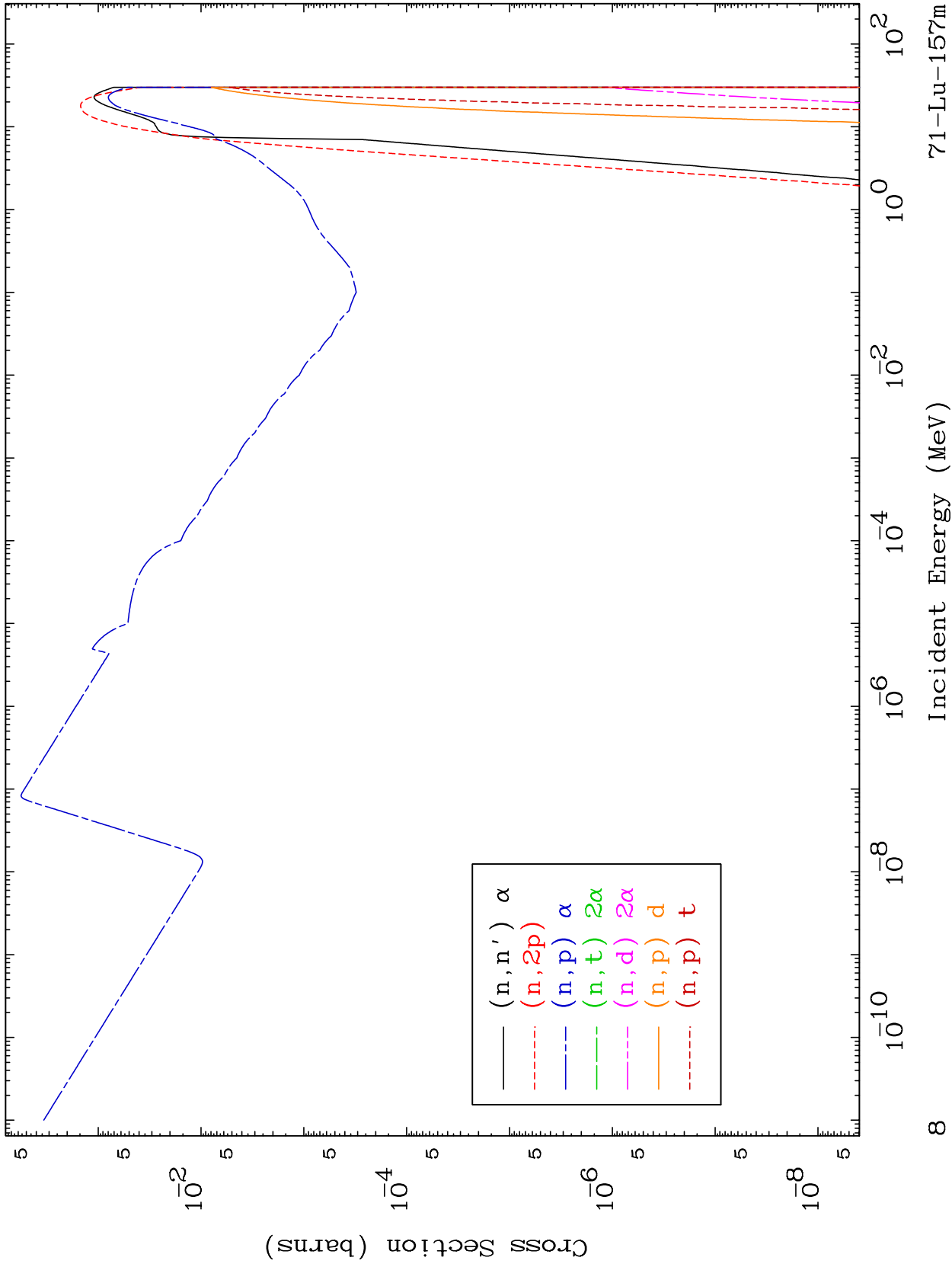
71-Lu-157m



MAT 7072

Charged Particle
293 Kelvin Cross Sections

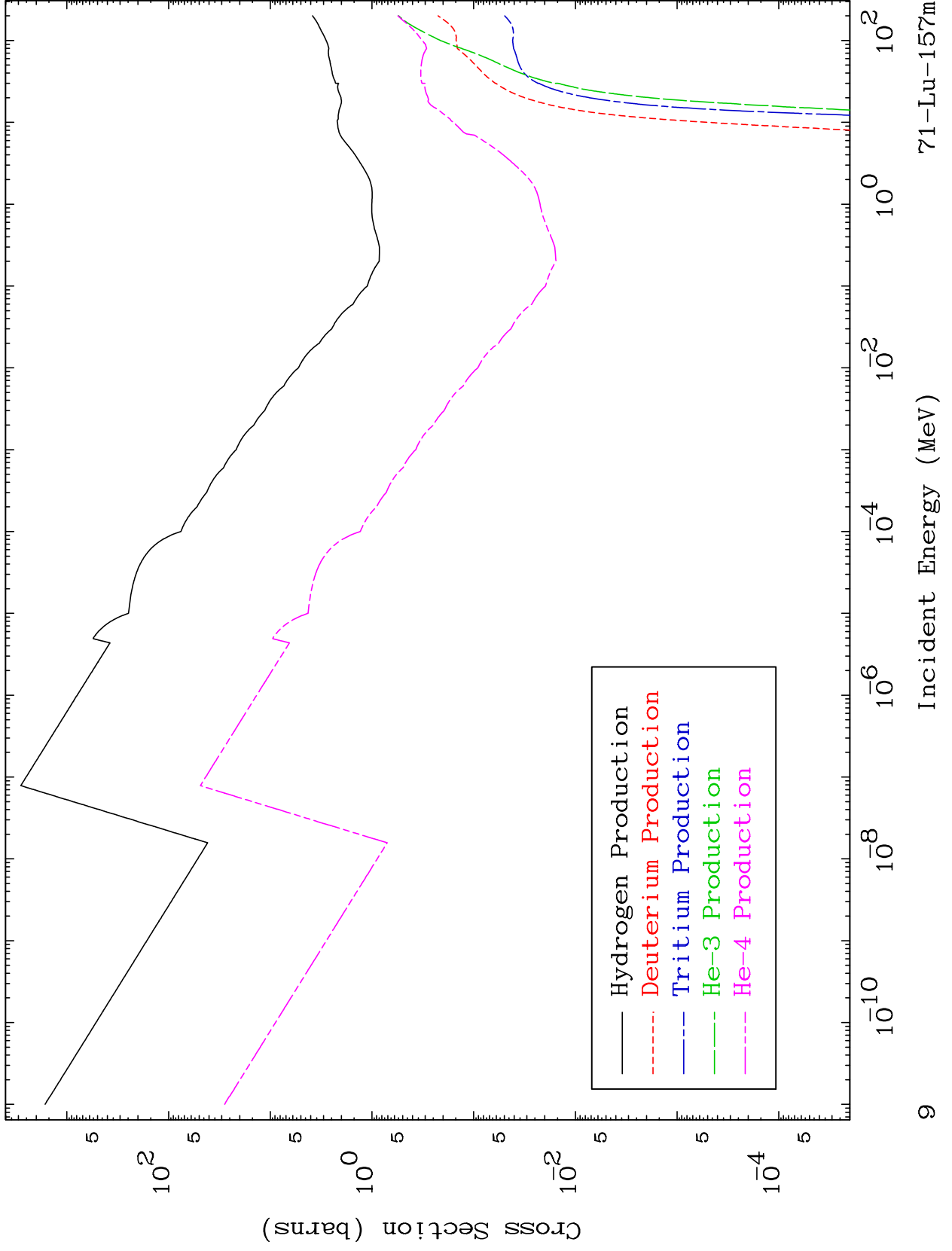
71-Lu-157m



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Particle Production
293 Kelvin Cross Sections

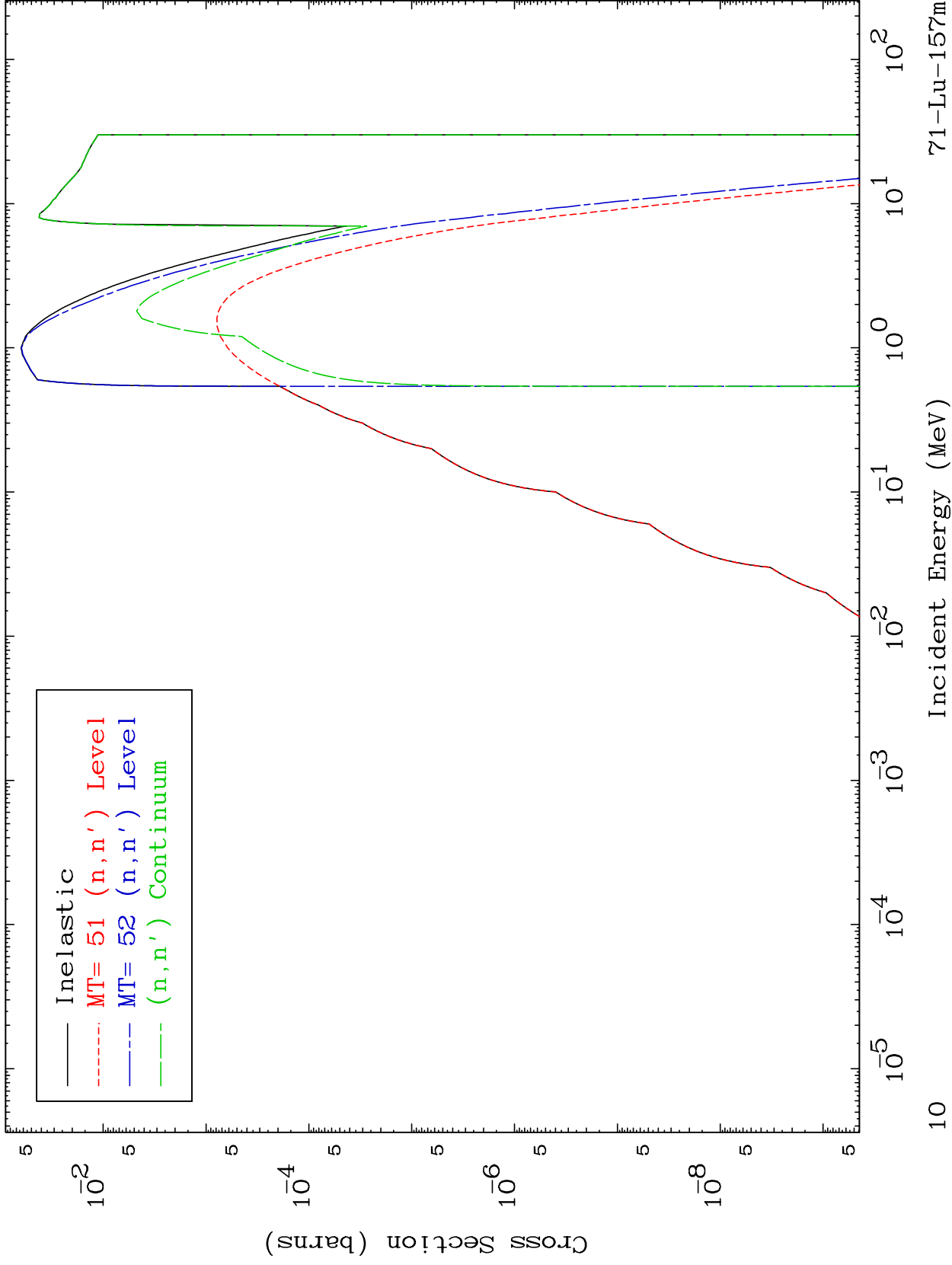
71-Lu-157m



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293 Kelvin Cross Sections
(n,n') Levels

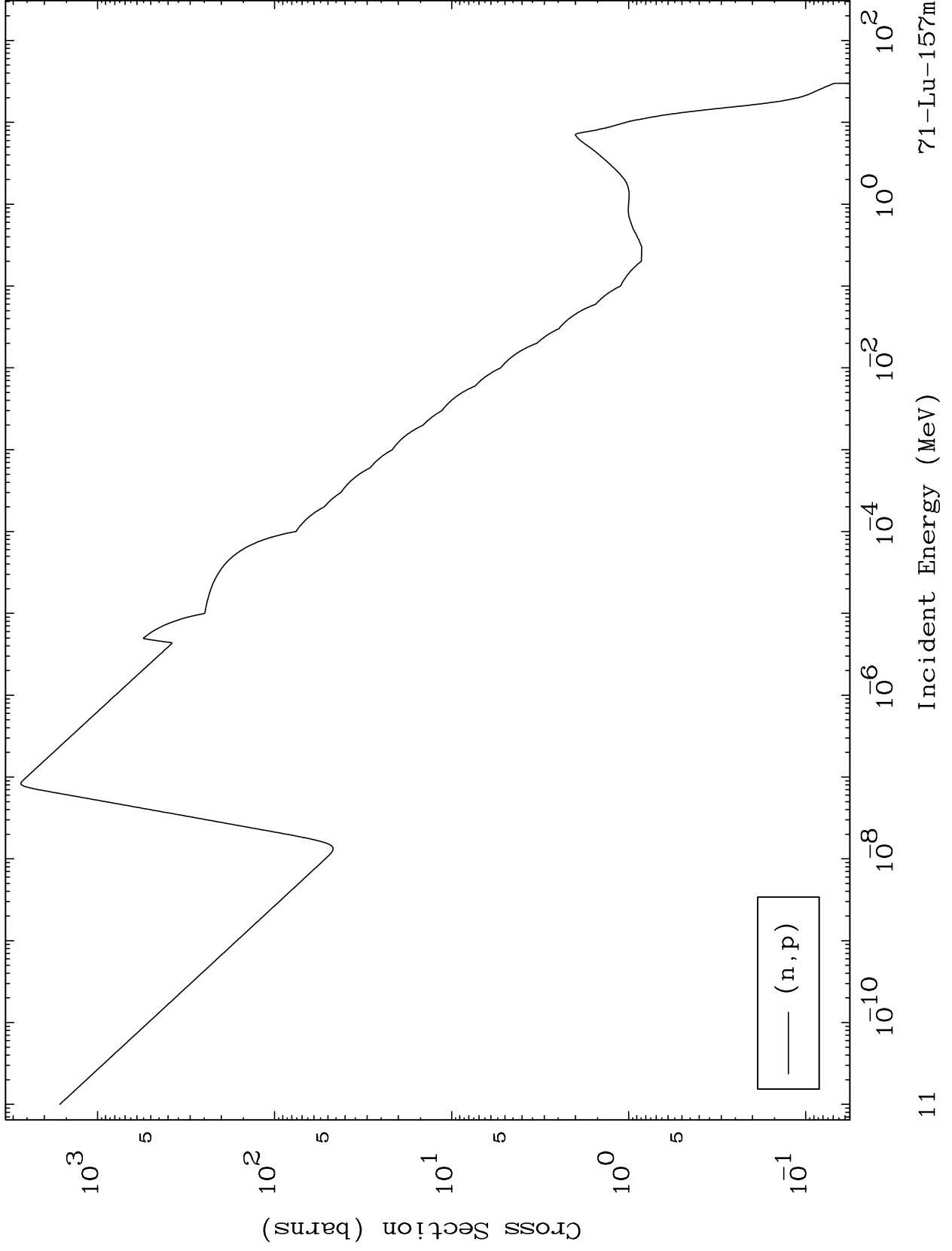
71-Lu-157m



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(n,p) Levels
293 Kelvin Cross Sections

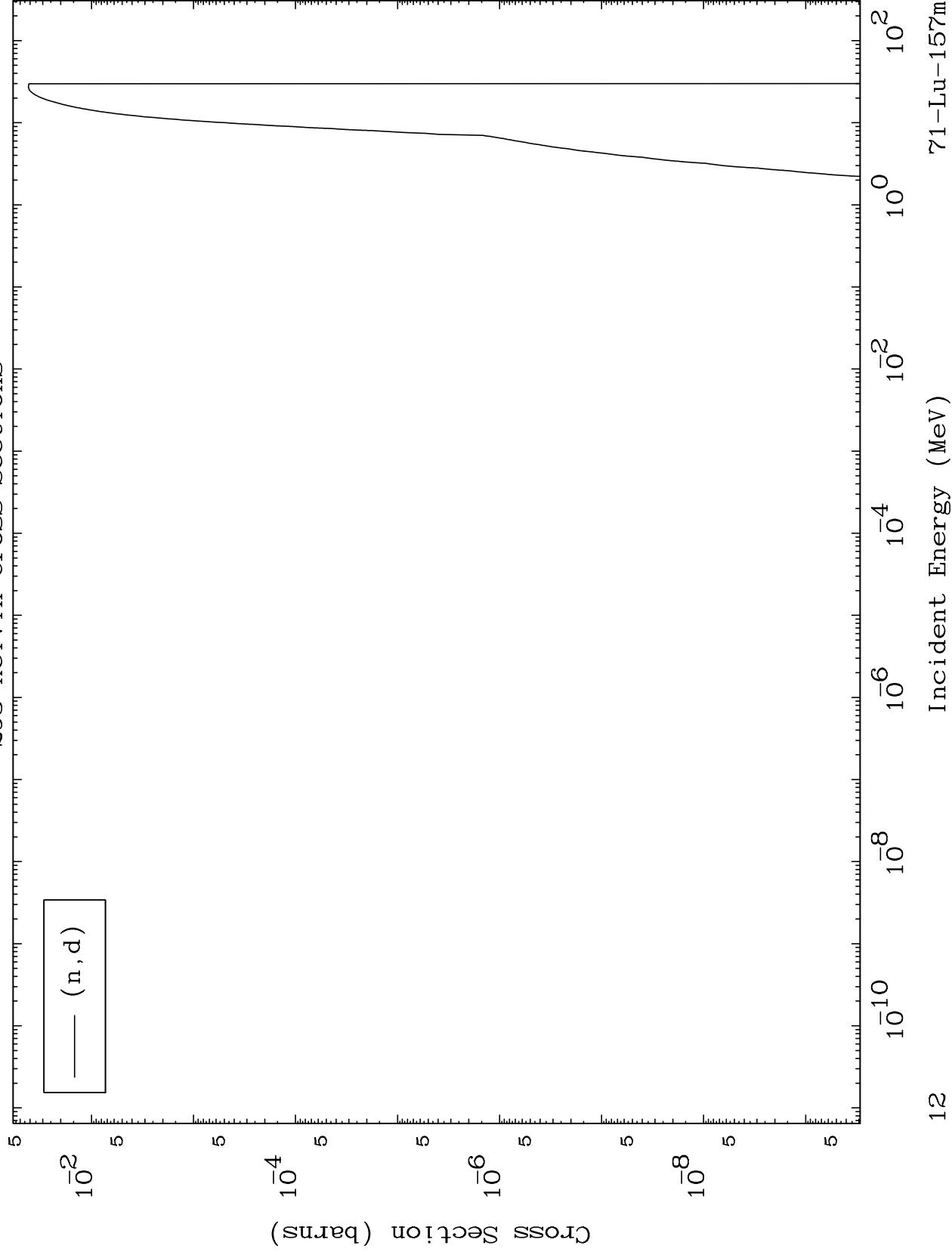
71-Lu-157m



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(n,d) Levels
293 Kelvin Cross Sections

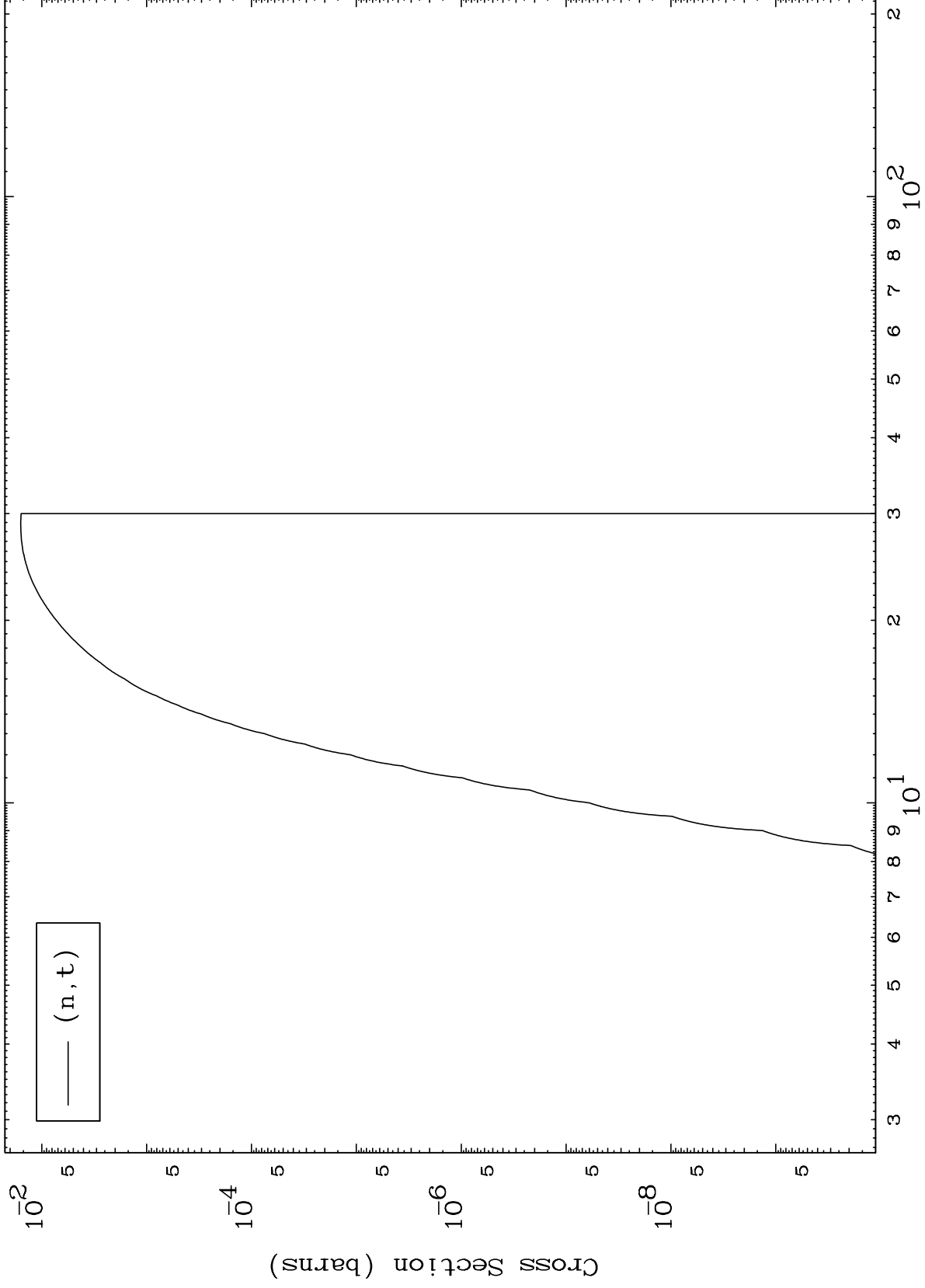
⁷¹Lu-157m



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(n,t) Levels
293 Kelvin Cross Sections

71-Lu-157m



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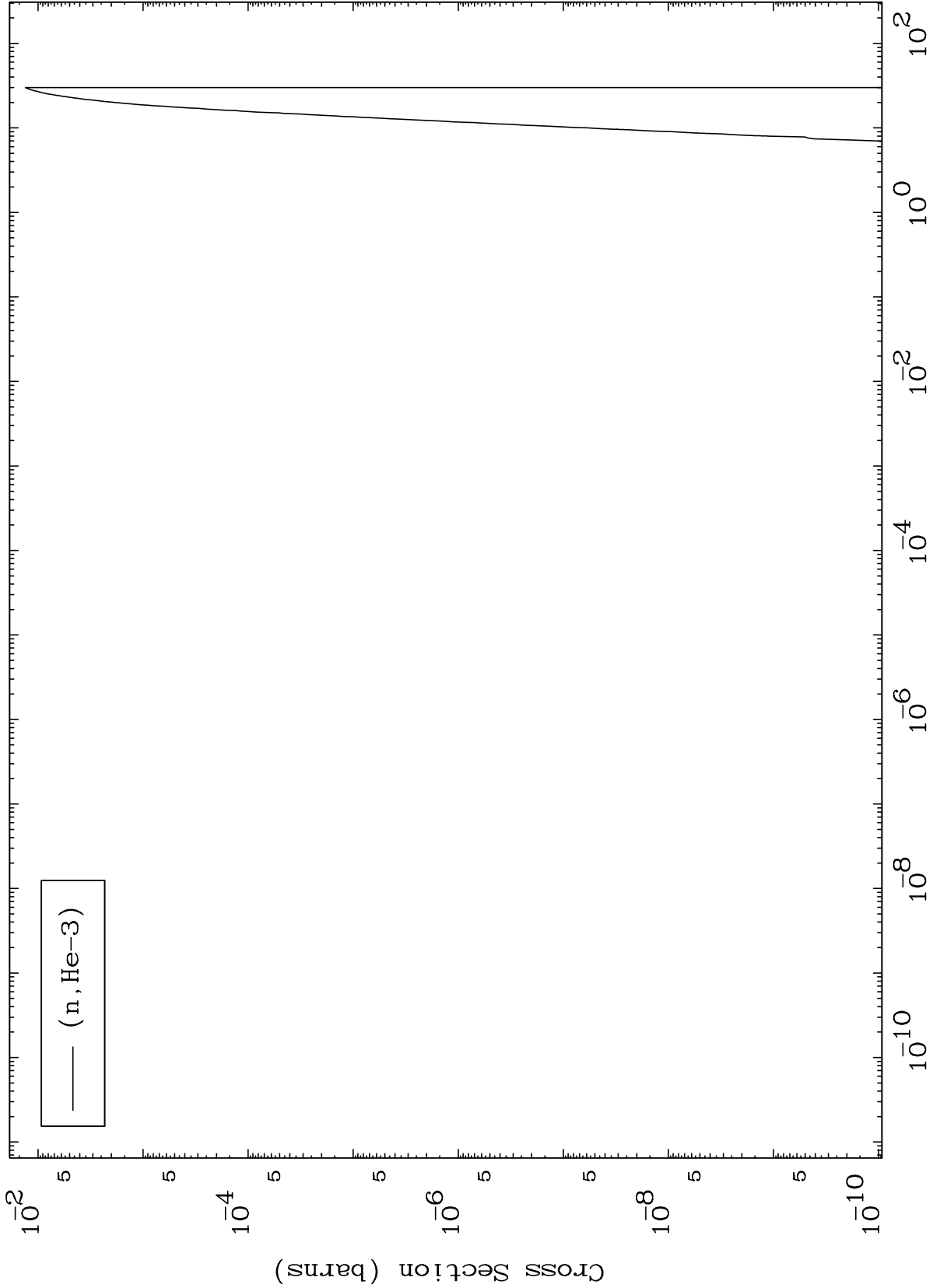
Incident Energy (MeV)

71-Lu-157m

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(n,He3) Levels
293 Kelvin Cross Sections

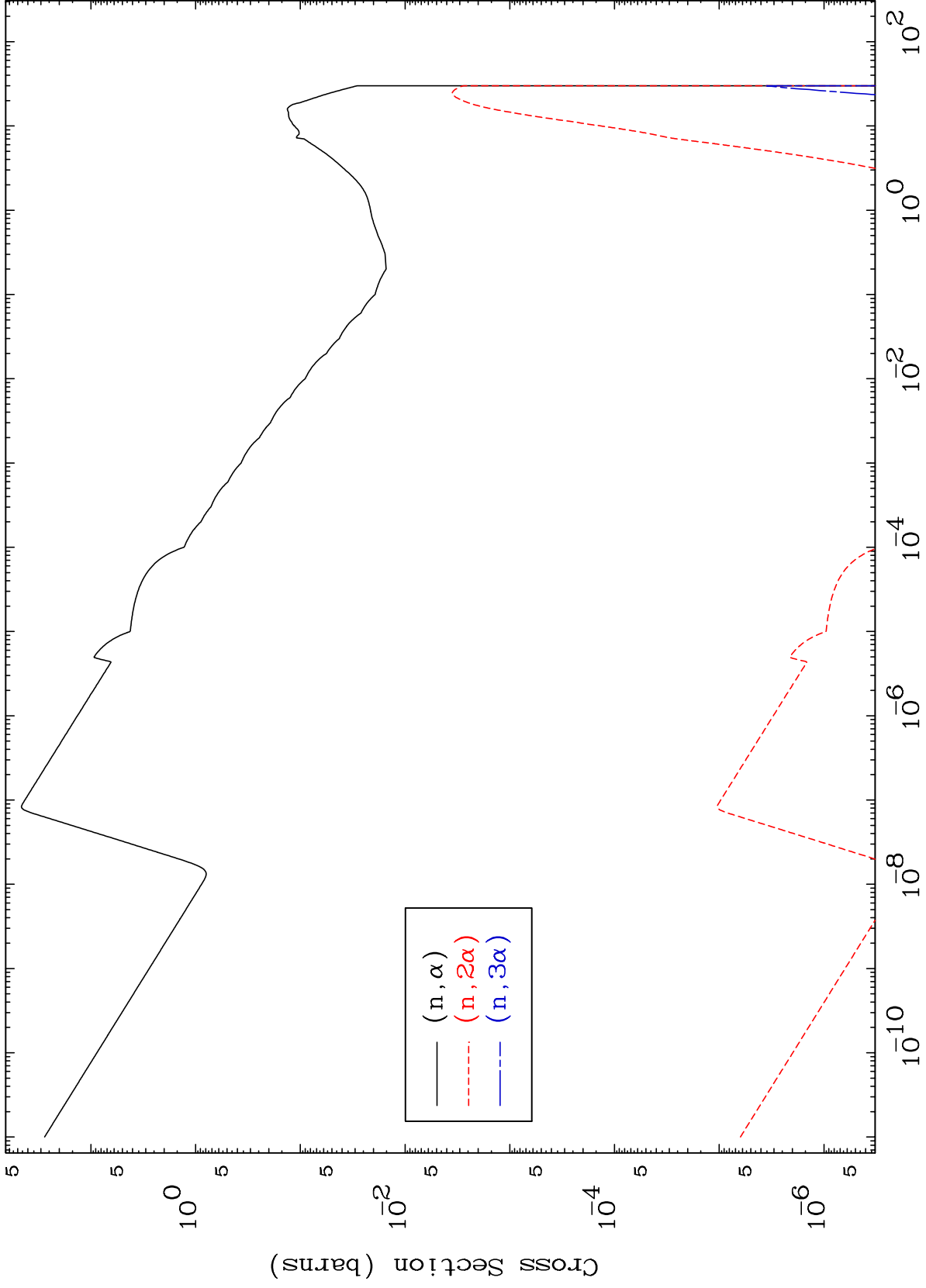
71-Lu-157m



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(n,α) Levels
293 Kelvin Cross Sections

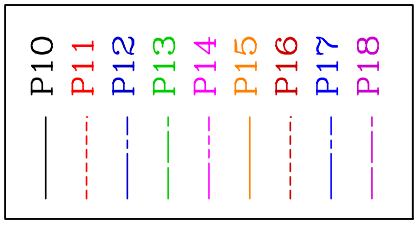
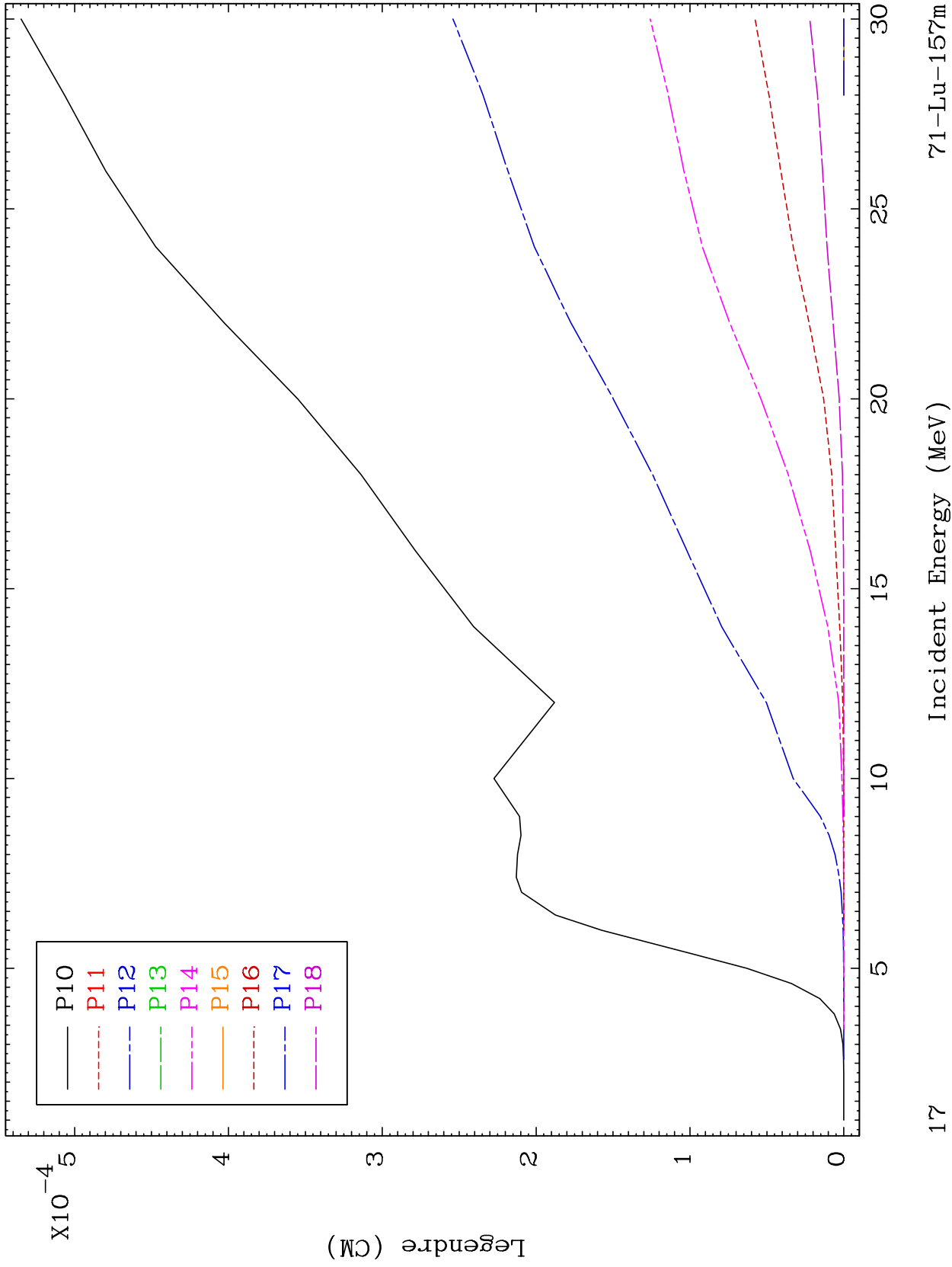
71-Lu-157m

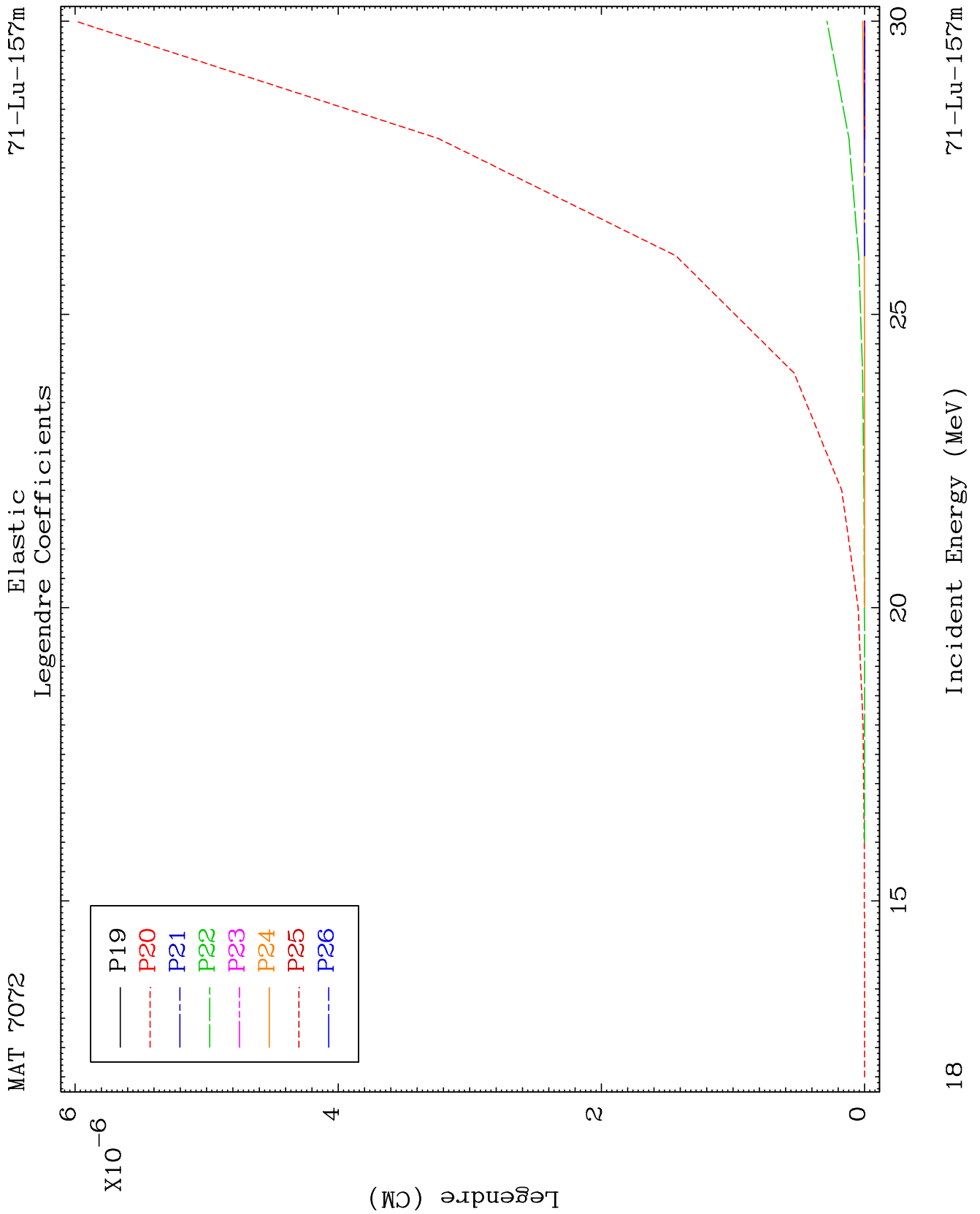


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Elastic Legendre Coefficients

⁷¹Lu-157m

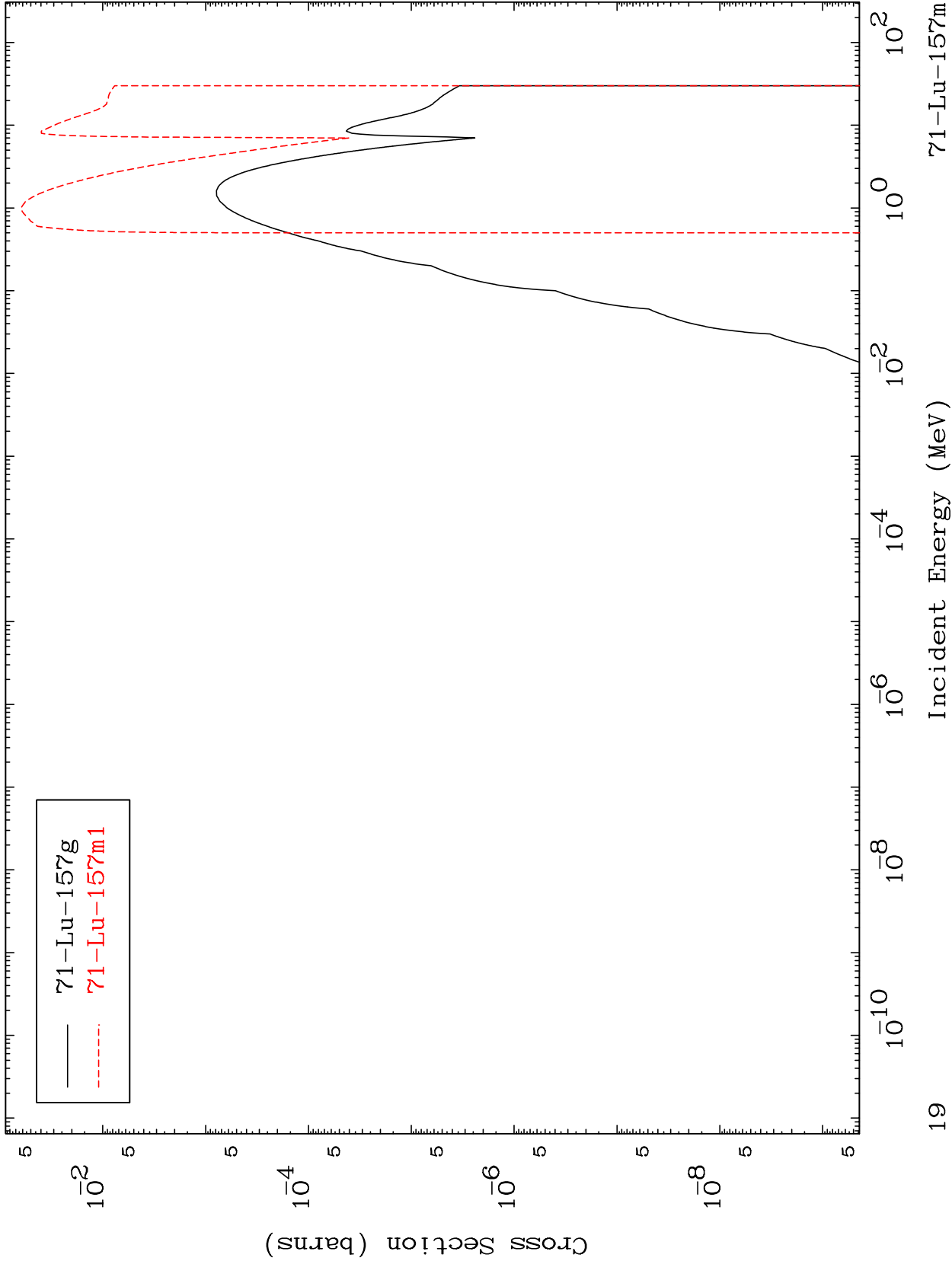




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Inelastic
Radionuclide Production Cross Section

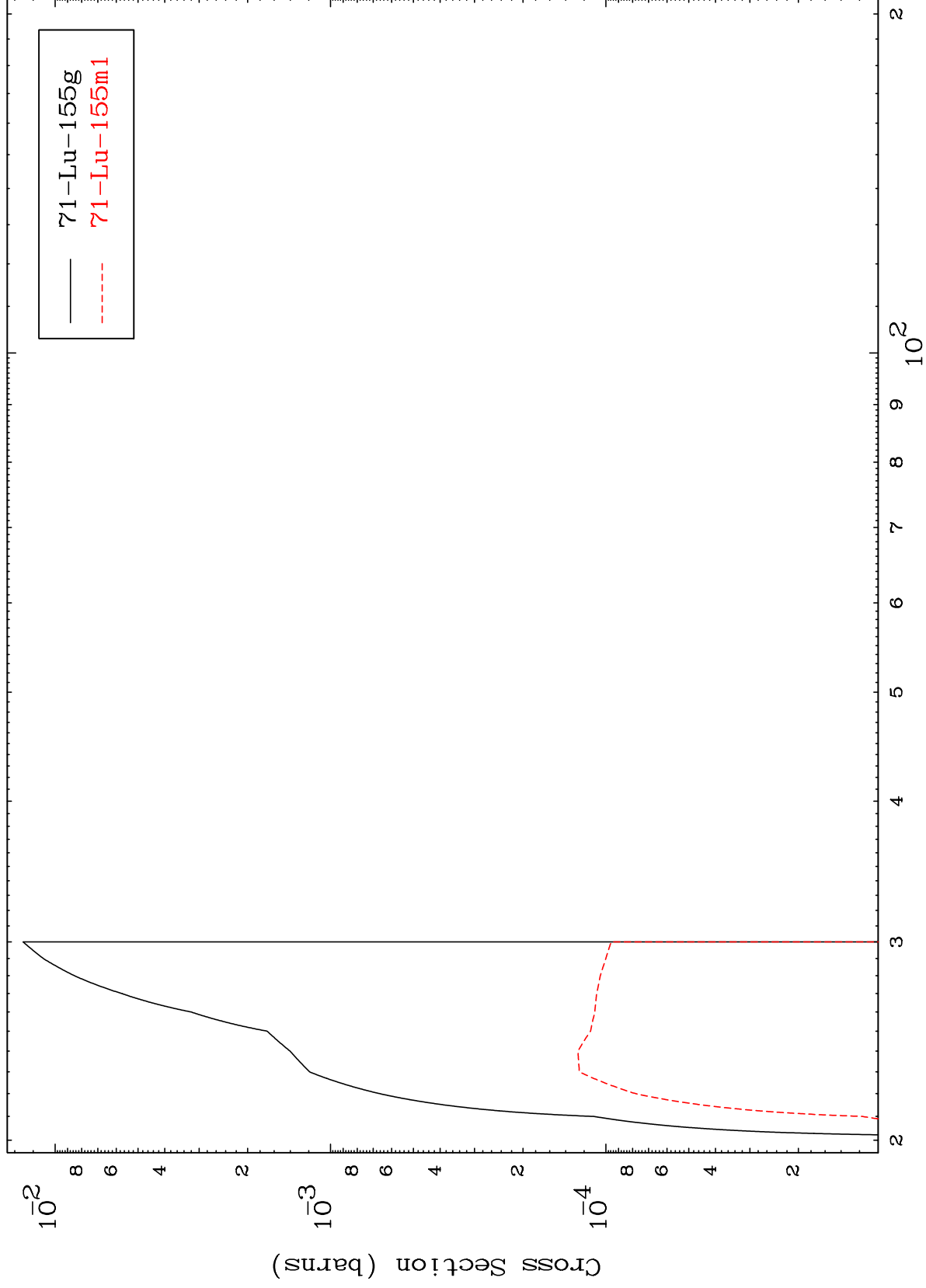
⁷¹Lu-157m



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⁷¹Lu-157m

(n,3n)
Radionuclide Production Cross Section



⁷¹Lu-157m

Incident Energy (MeV)

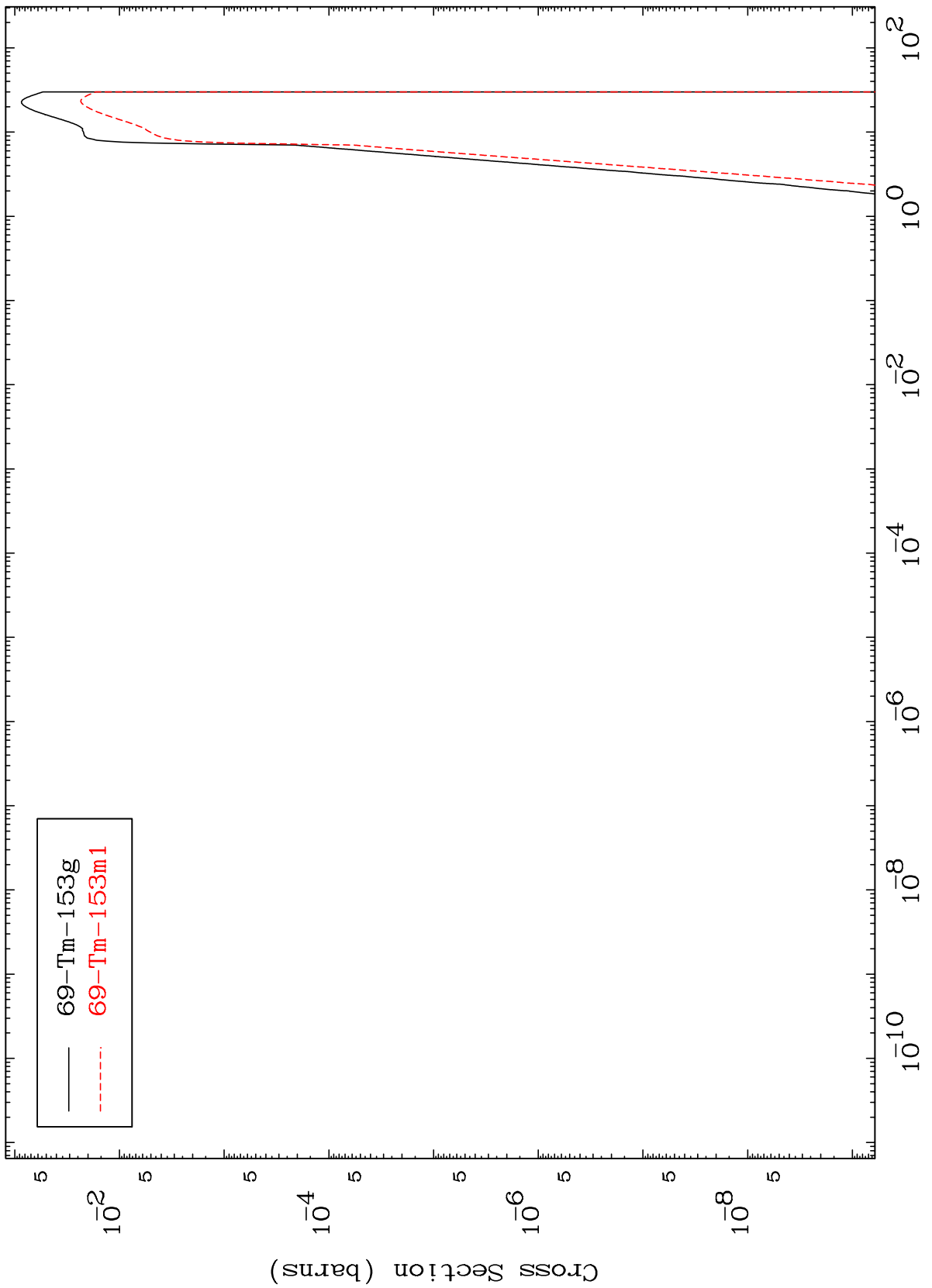
20

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$(n, n') \alpha$

$^{71}\text{Lu}-157\text{m}$

Radionuclide Production Cross Section

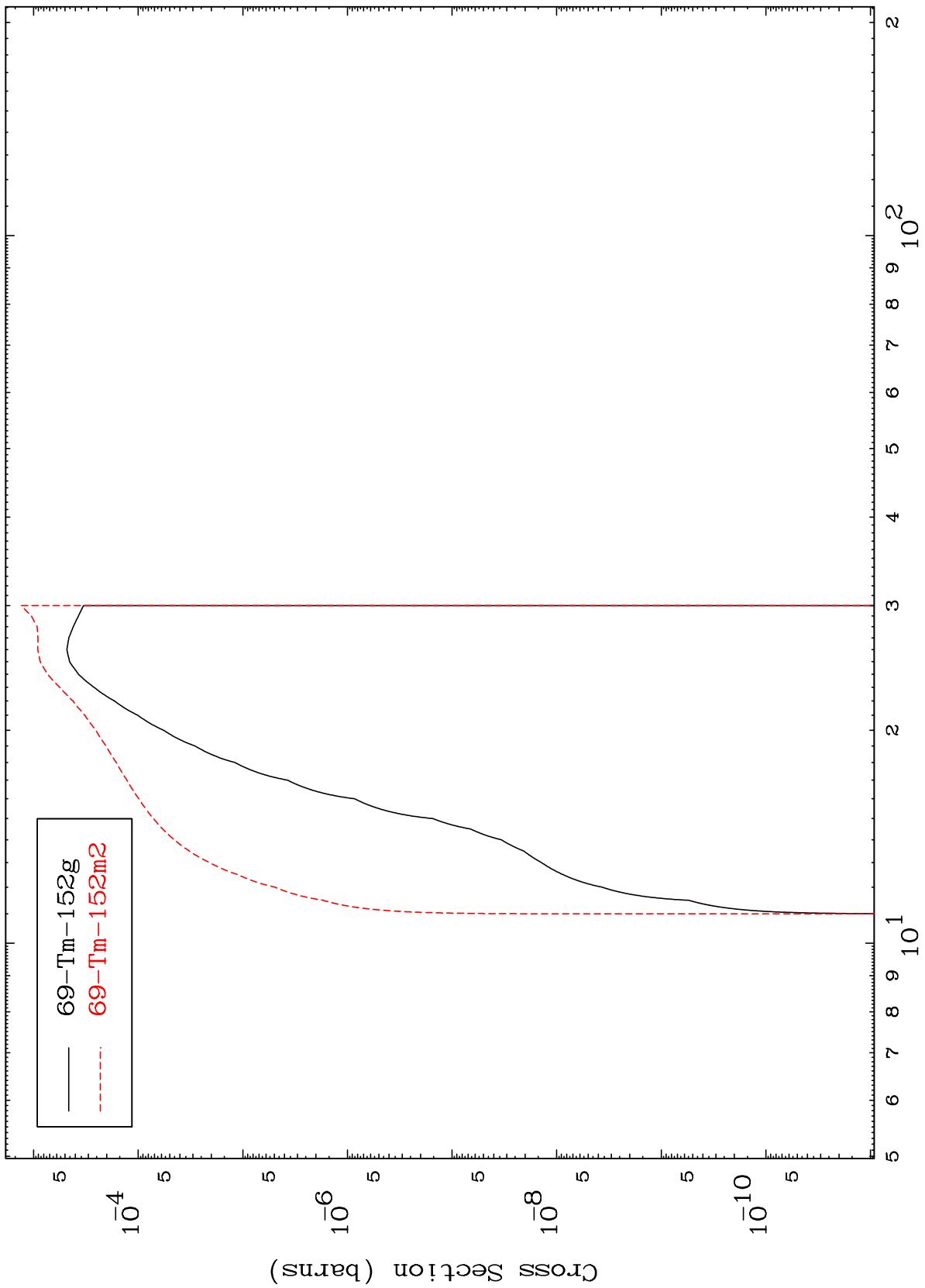


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$(n,2n) \alpha$

$^{71}\text{Lu}-157\text{m}$

Radionuclide Production Cross Section

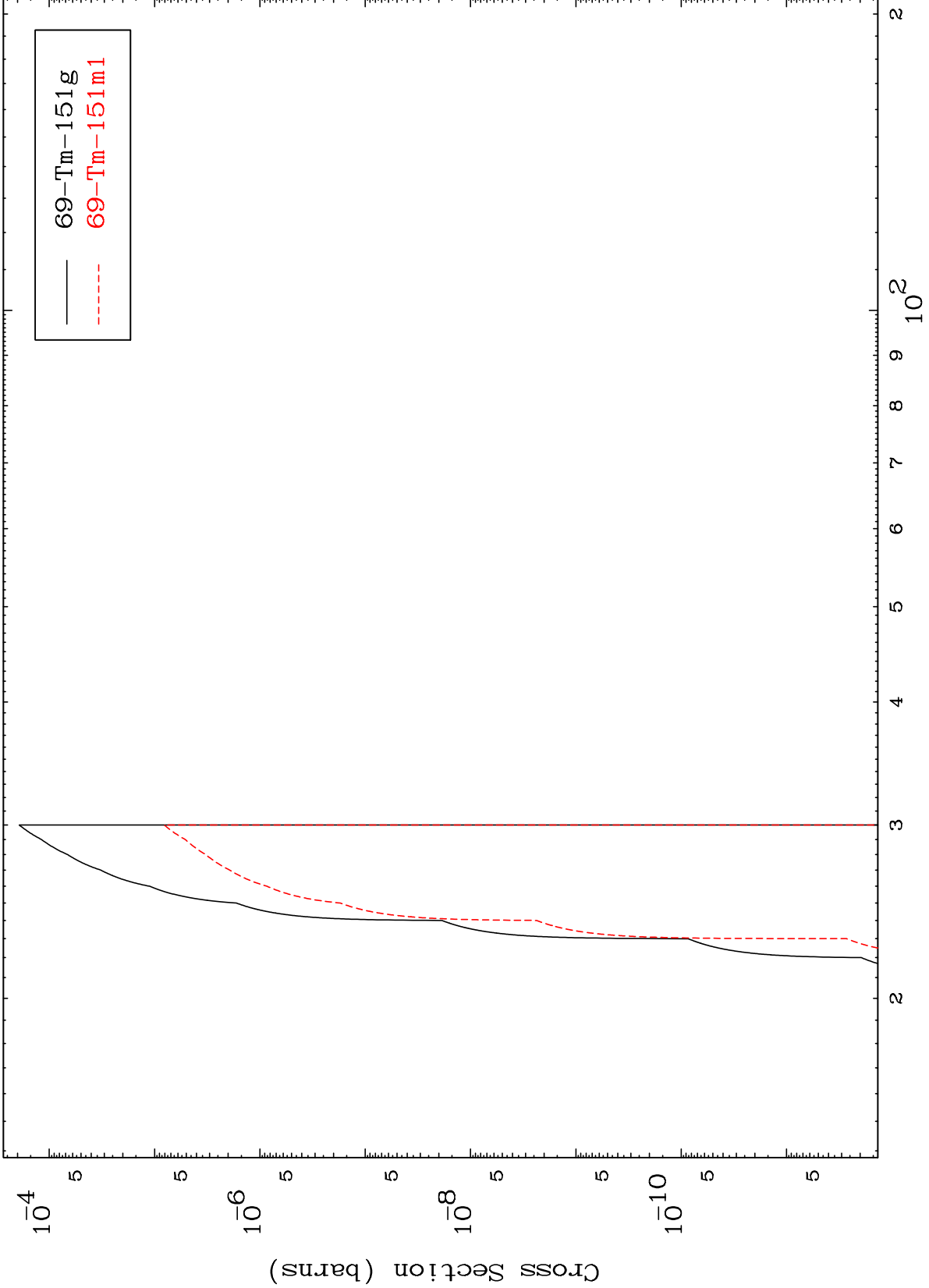


22

Incident Energy (MeV)

$^{71}\text{Lu}-157\text{m}$

Radionuclide Production Cross Section



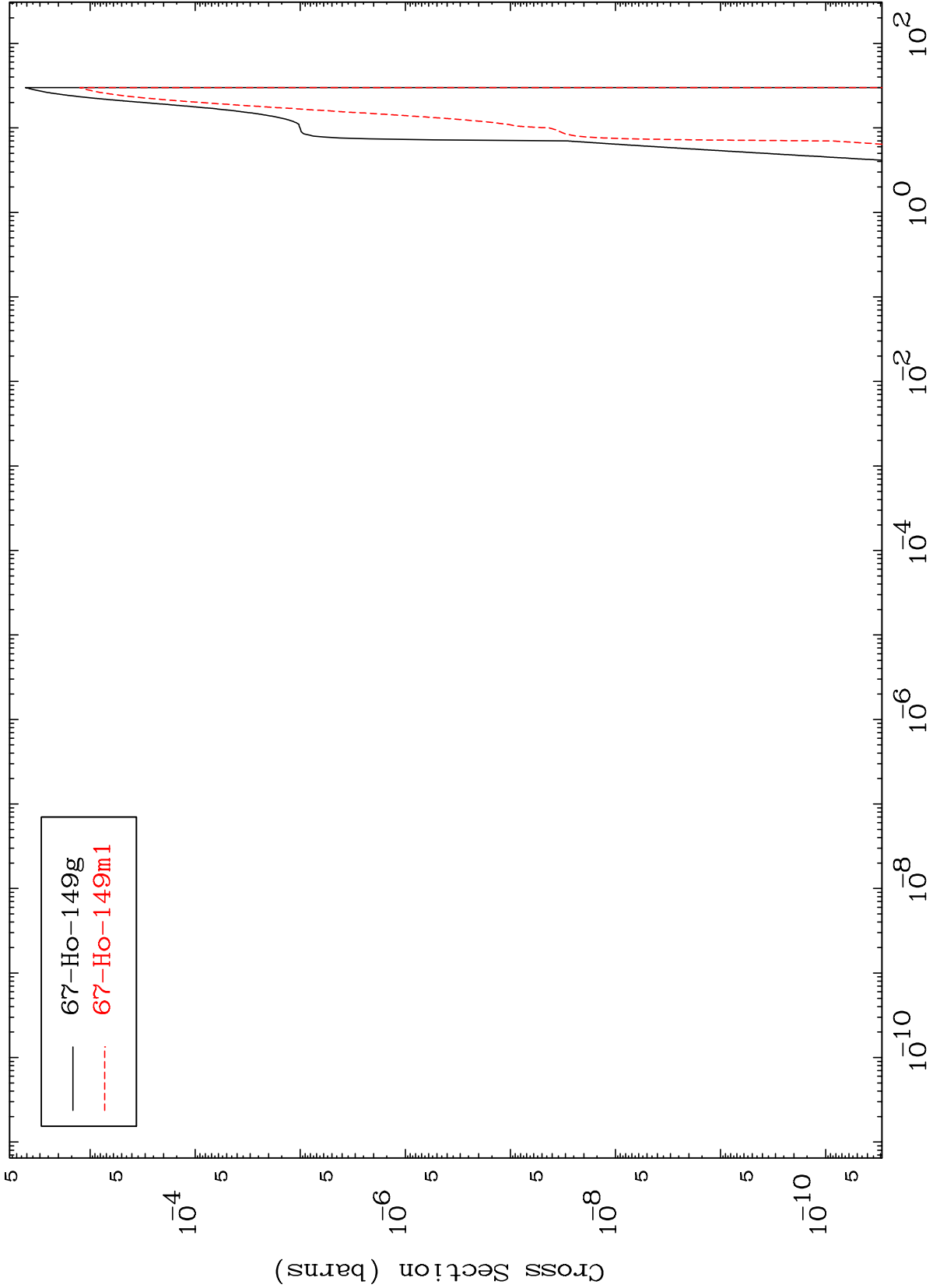
69-Tm-151g
69-Tm-151m1

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(n,n') 2 α

⁷¹Lu-157m

Radionuclide Production Cross Section

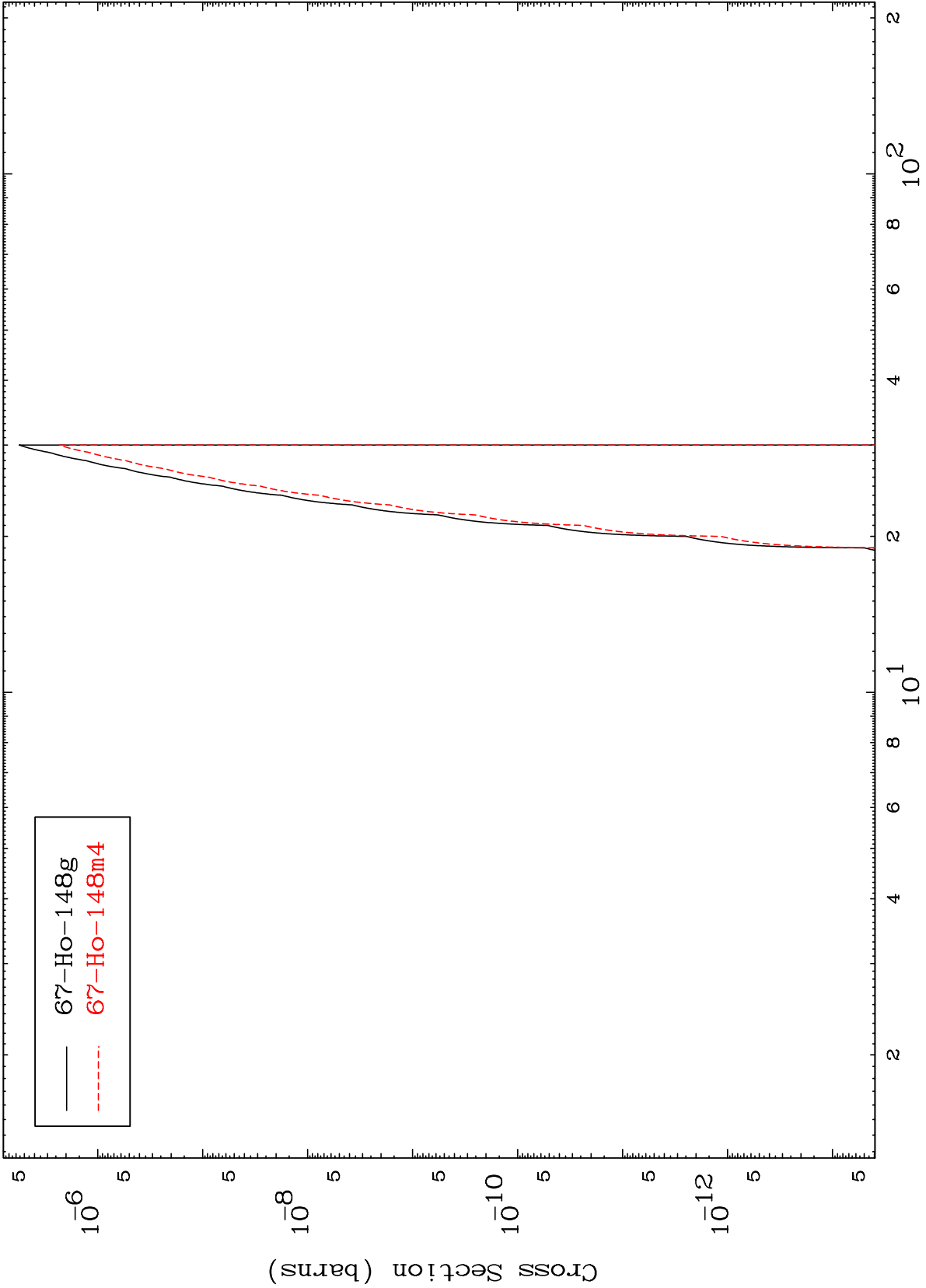


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(n,2n) 2α

71-Lu-157m

Radionuclide Production Cross Section



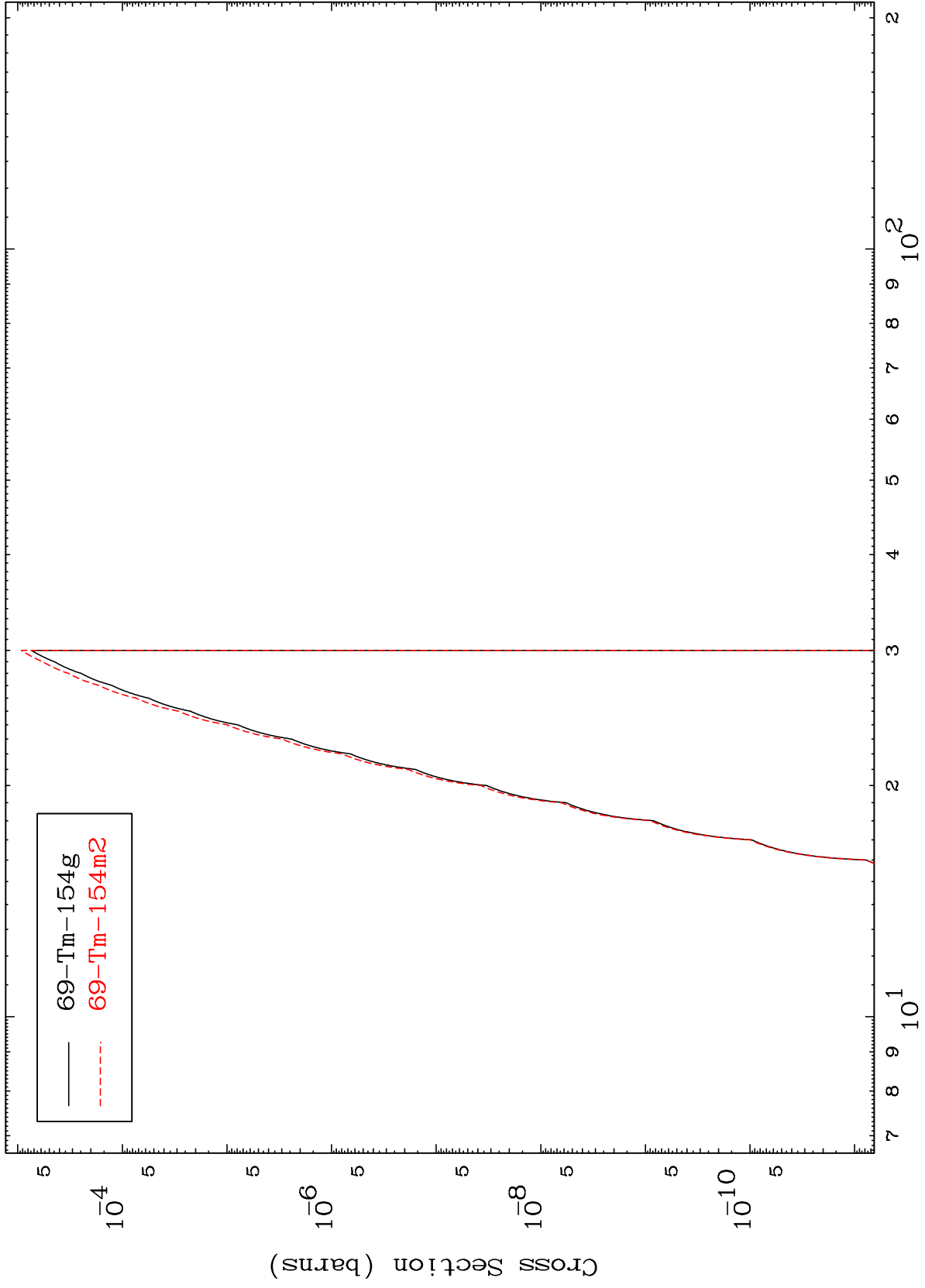
67-Ho-148g
67-Ho-148m4

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(n,n') He-3

71-Lu-157m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

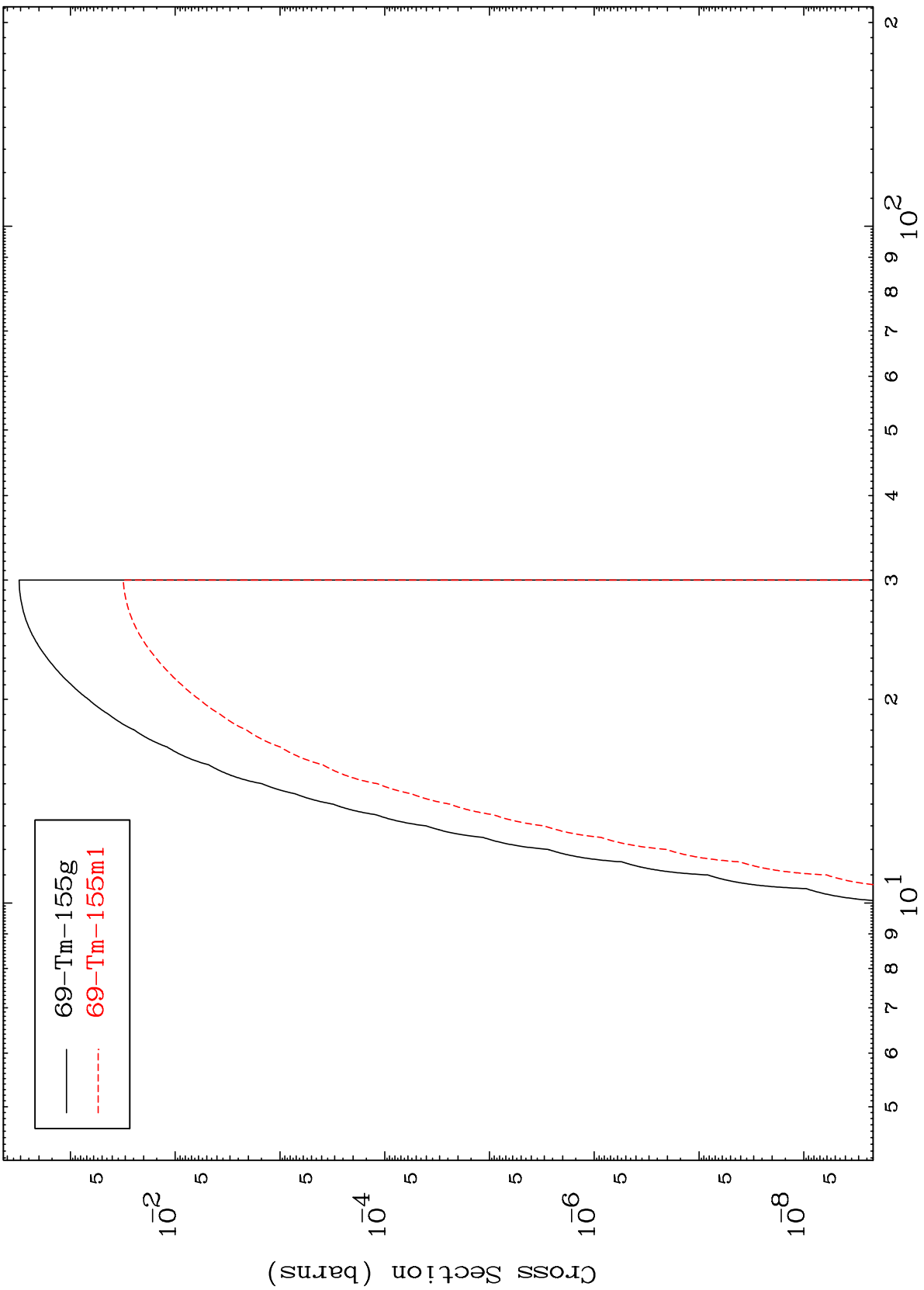
71-Lu-157m

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(n,2n) p

⁷¹Lu-157m

Radionuclide Production Cross Section



69-Tm-155g
69-Tm-155m1

27

Incident Energy (MeV)

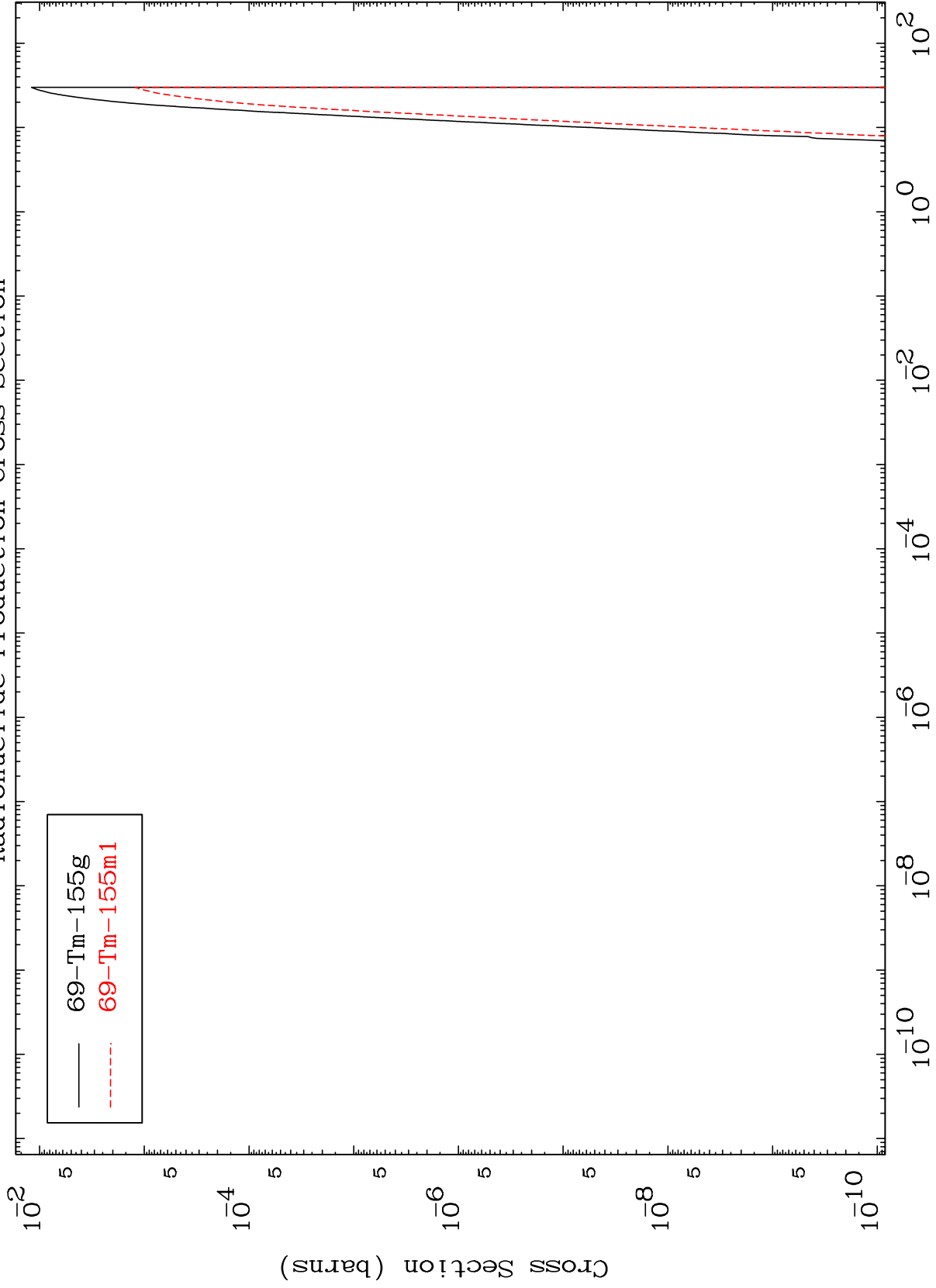
⁷¹Lu-157m

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(n,He-3)

71-Lu-157m

Radionuclide Production Cross Section



28

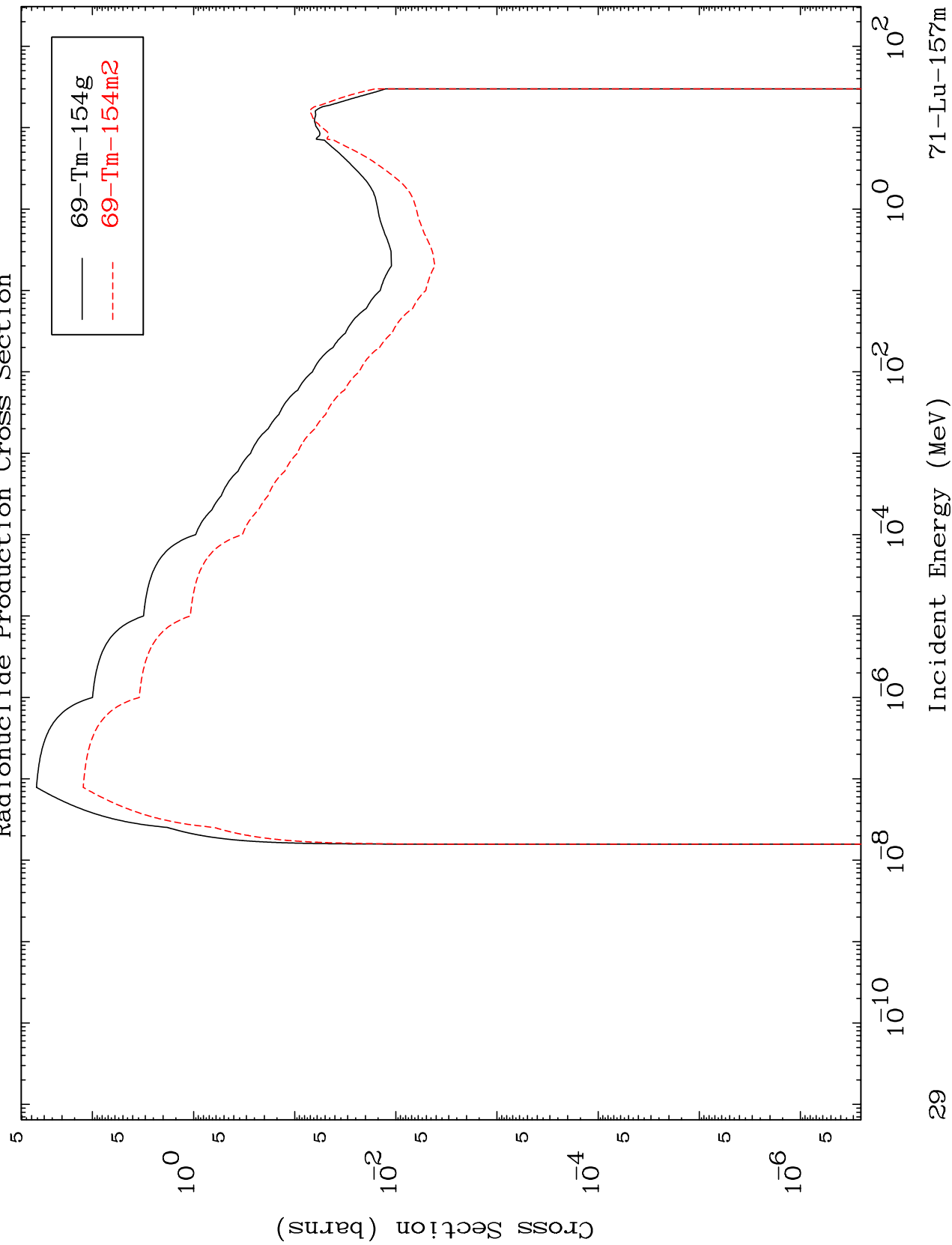
Incident Energy (MeV)

71-Lu-157m

MAT 7072

71-Lu-157m

(n, α)
Radionuclide Production Cross Section



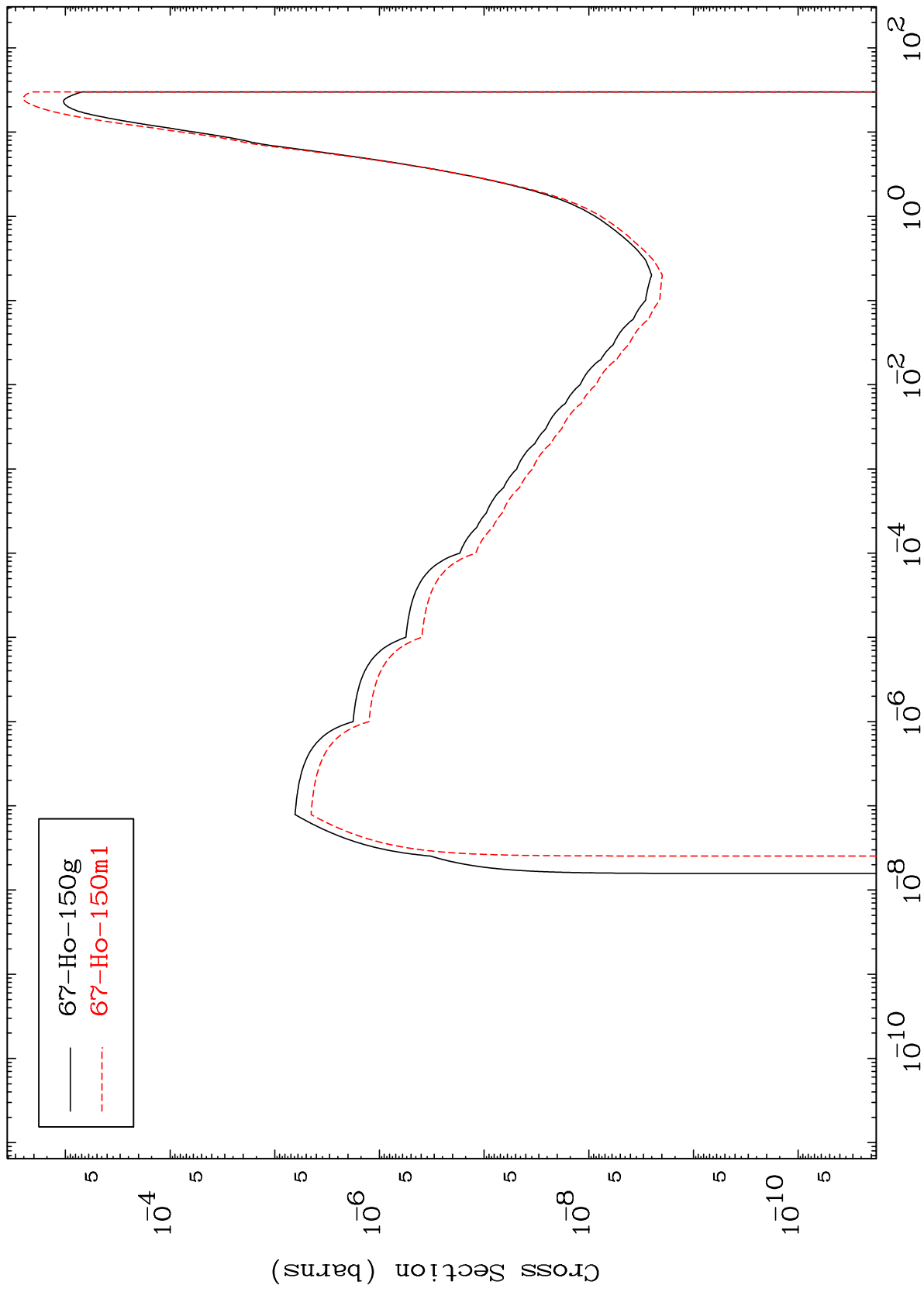
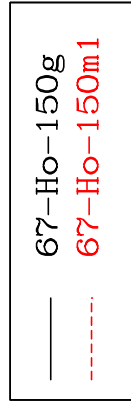
29

71-Lu-157m

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71-Lu-157m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

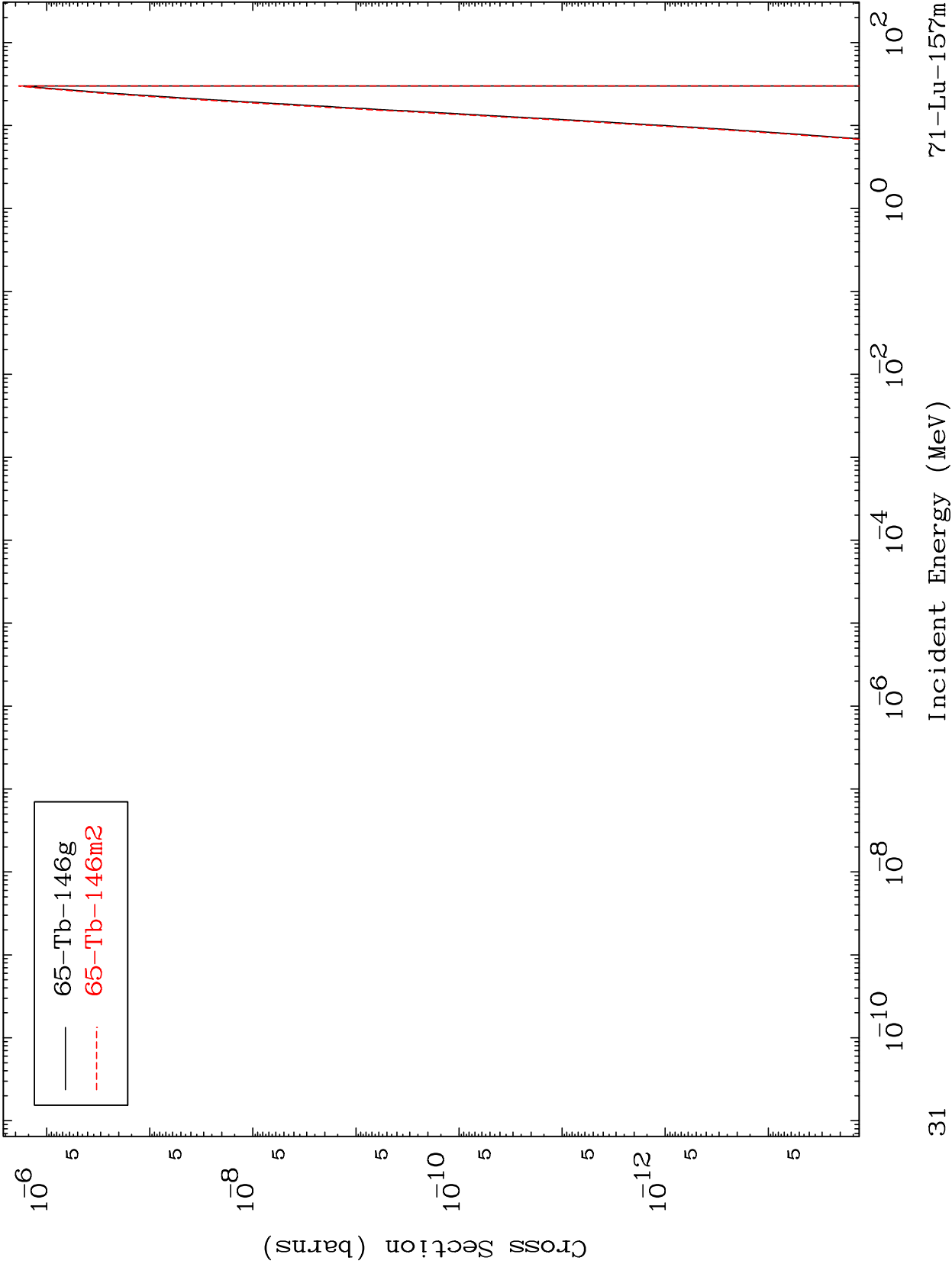
71-Lu-157m

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(n,3 α)

⁷¹Lu-157m

Radionuclide Production Cross Section

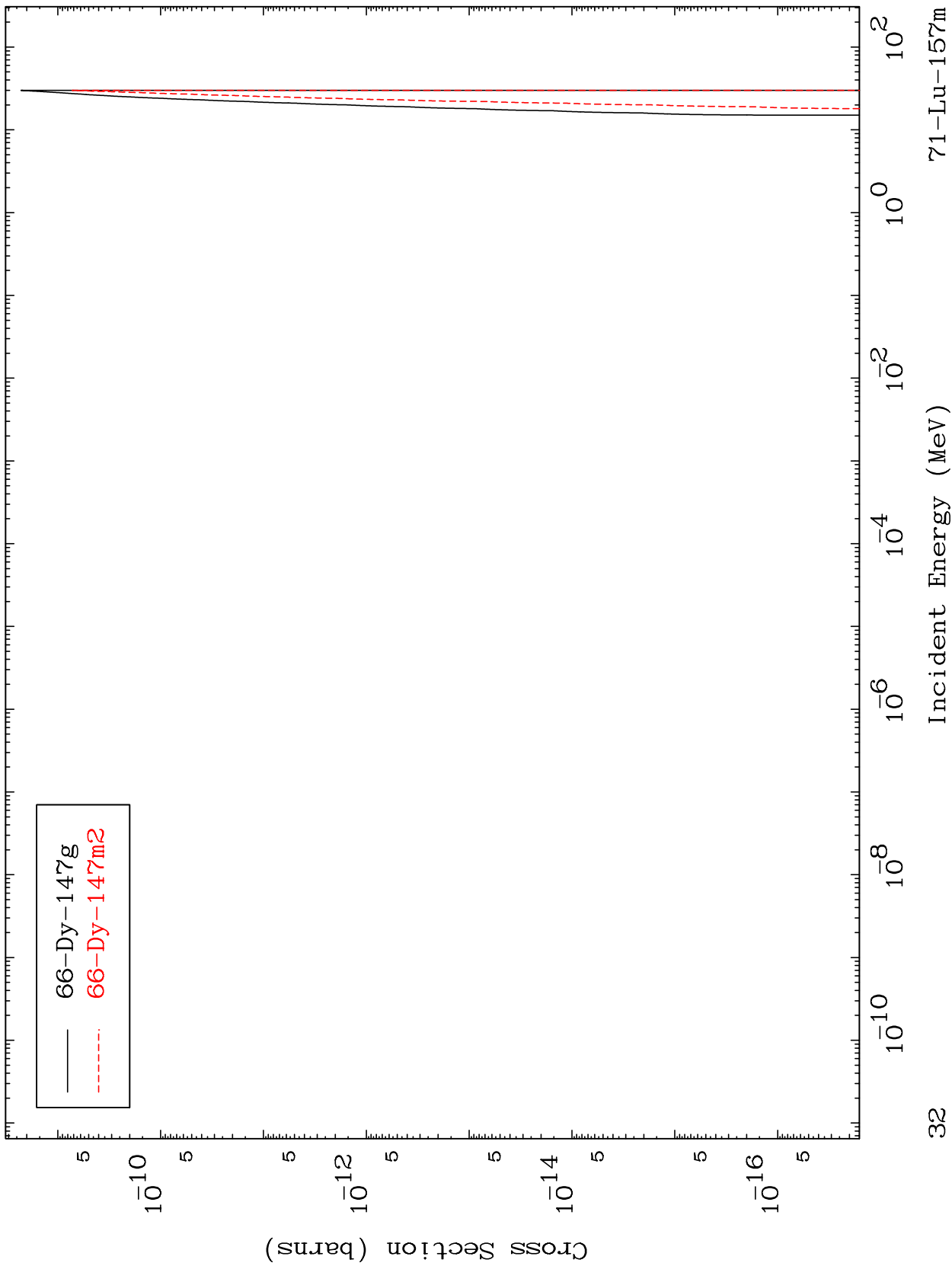


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(n,t) 2 α

71-Lu-157m

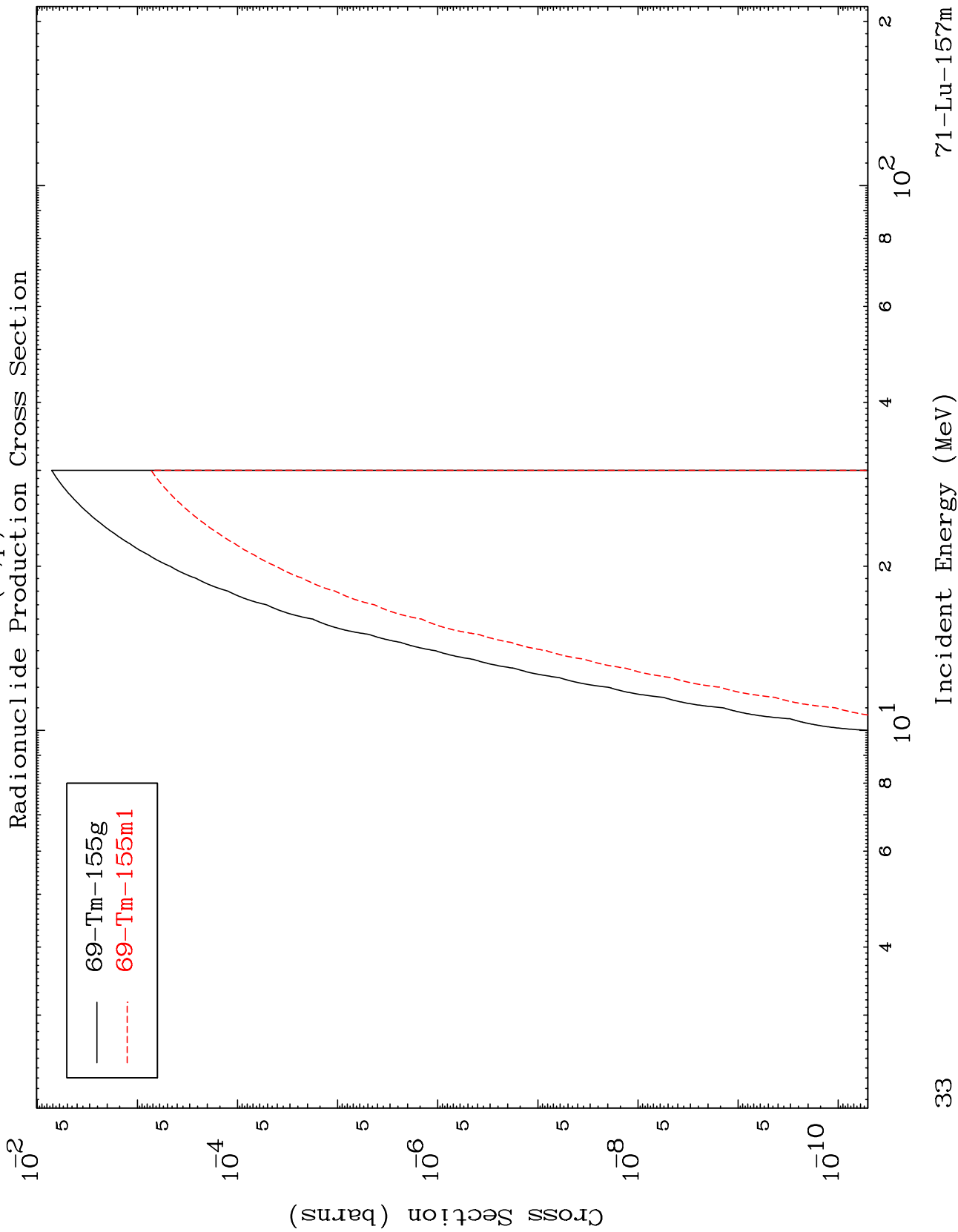
Radionuclide Production Cross Section



MAT 7072

(n,p) d

71-Lu-157m

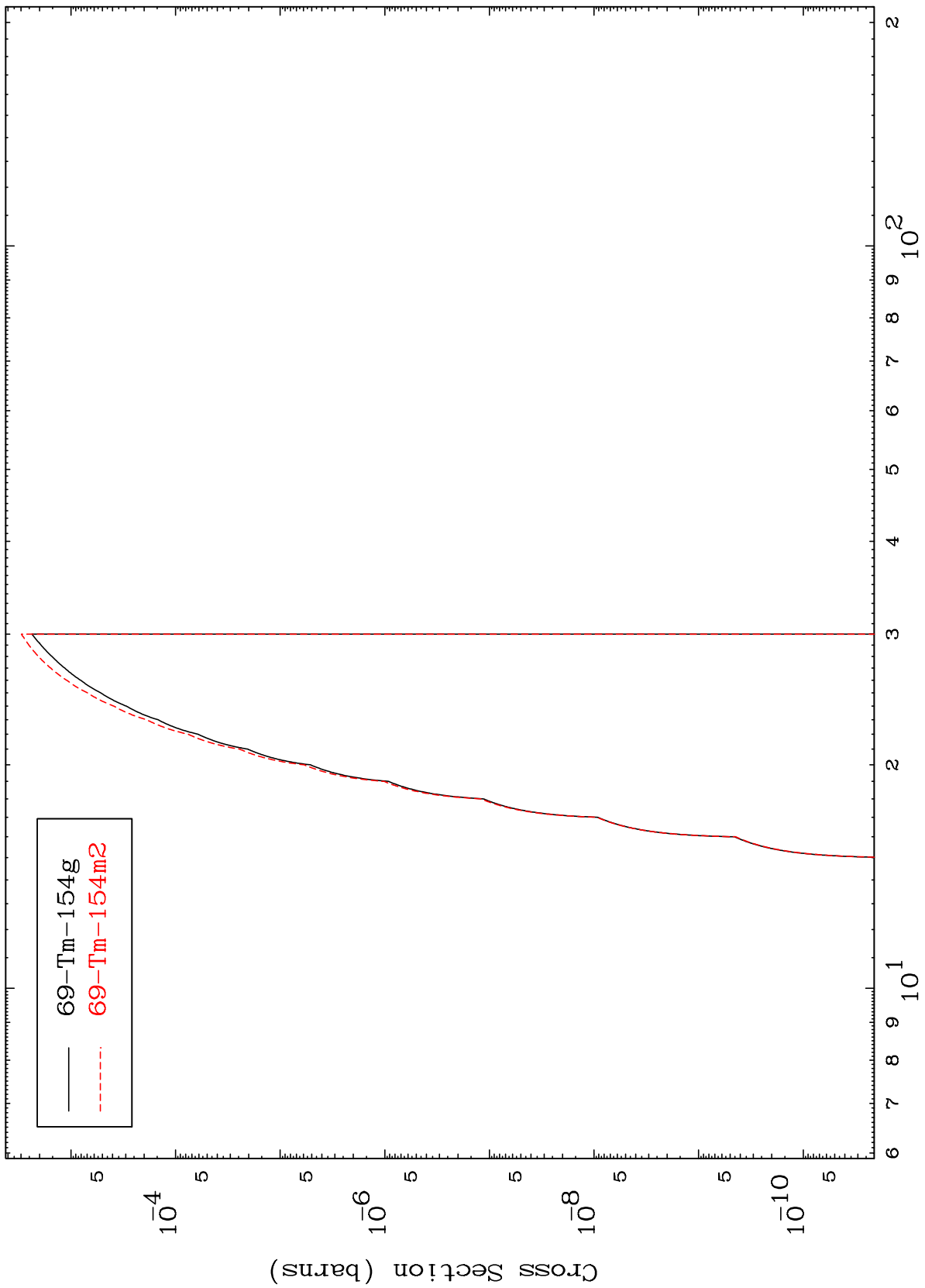


MAT 7072

(n,p) t

⁷¹Lu-157m

Radionuclide Production Cross Section



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Incident Energy (MeV)

⁷¹Lu-157m