

Program EVALPLOT
(Version 2018-1)

by

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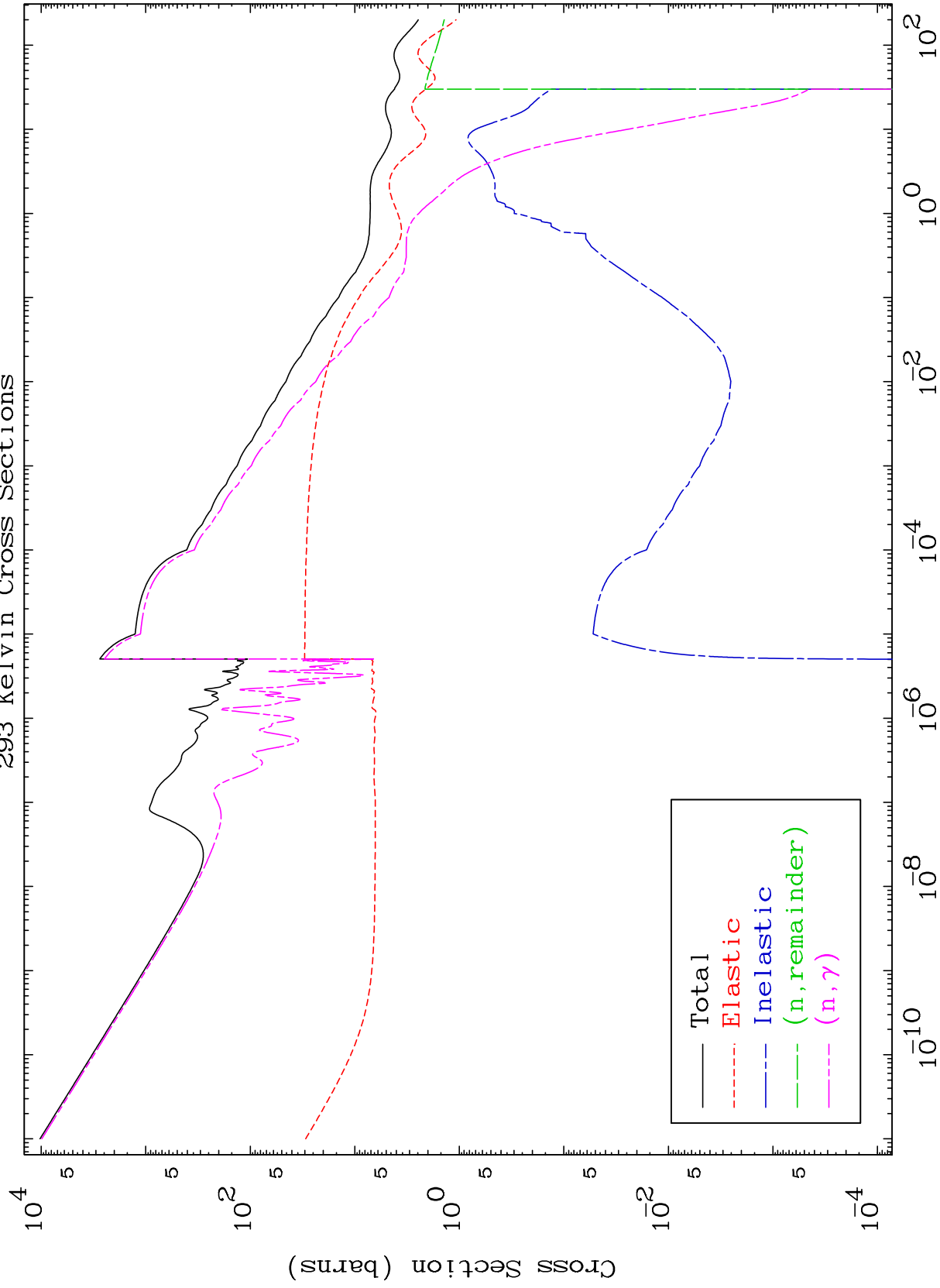
Press Mouse Button to Start

MAT 7072

Major

293 Kelvin Cross Sections

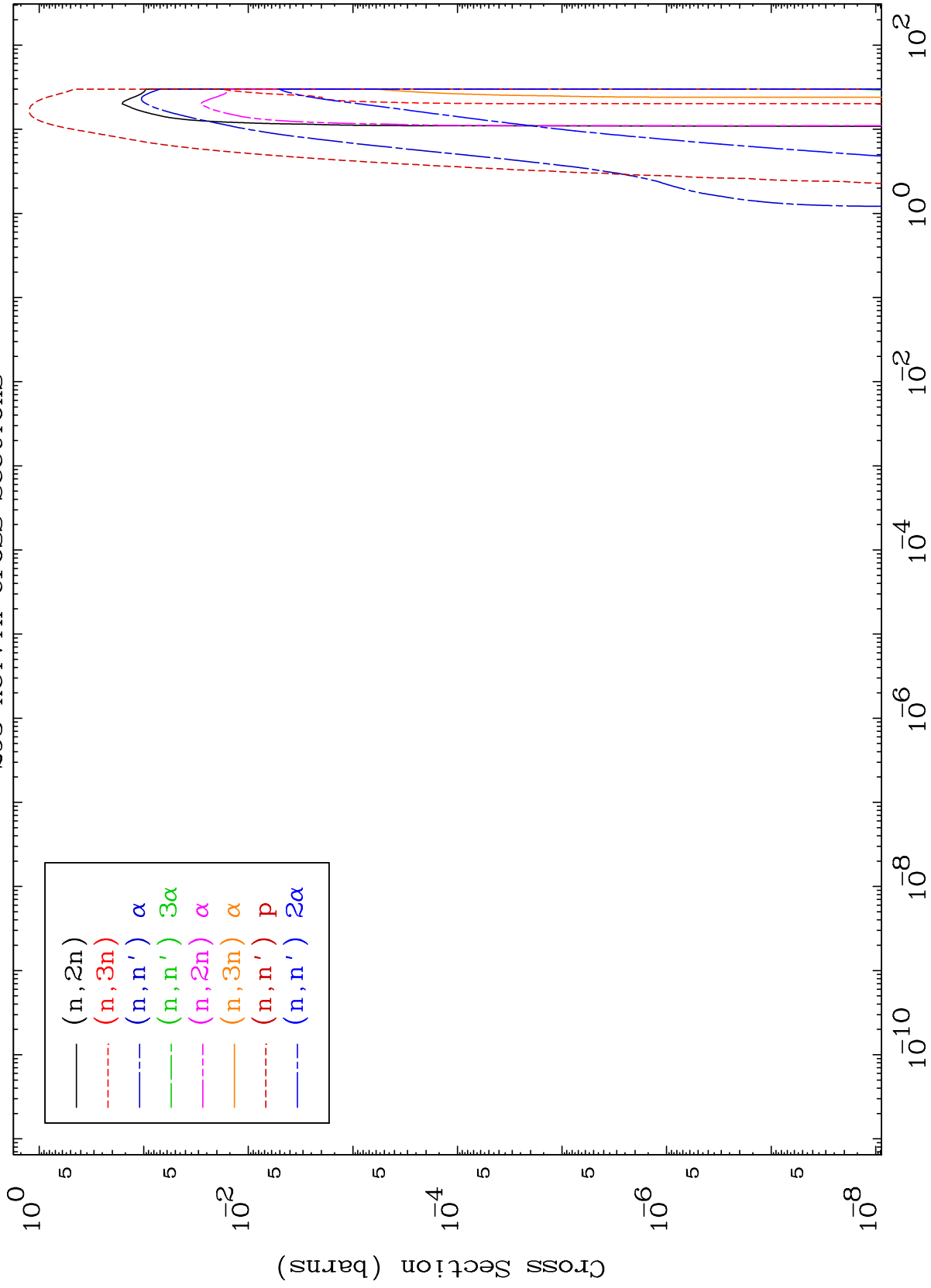
71-Lu-157



MAT 7072

Neutron Production
293 Kelvin Cross Sections

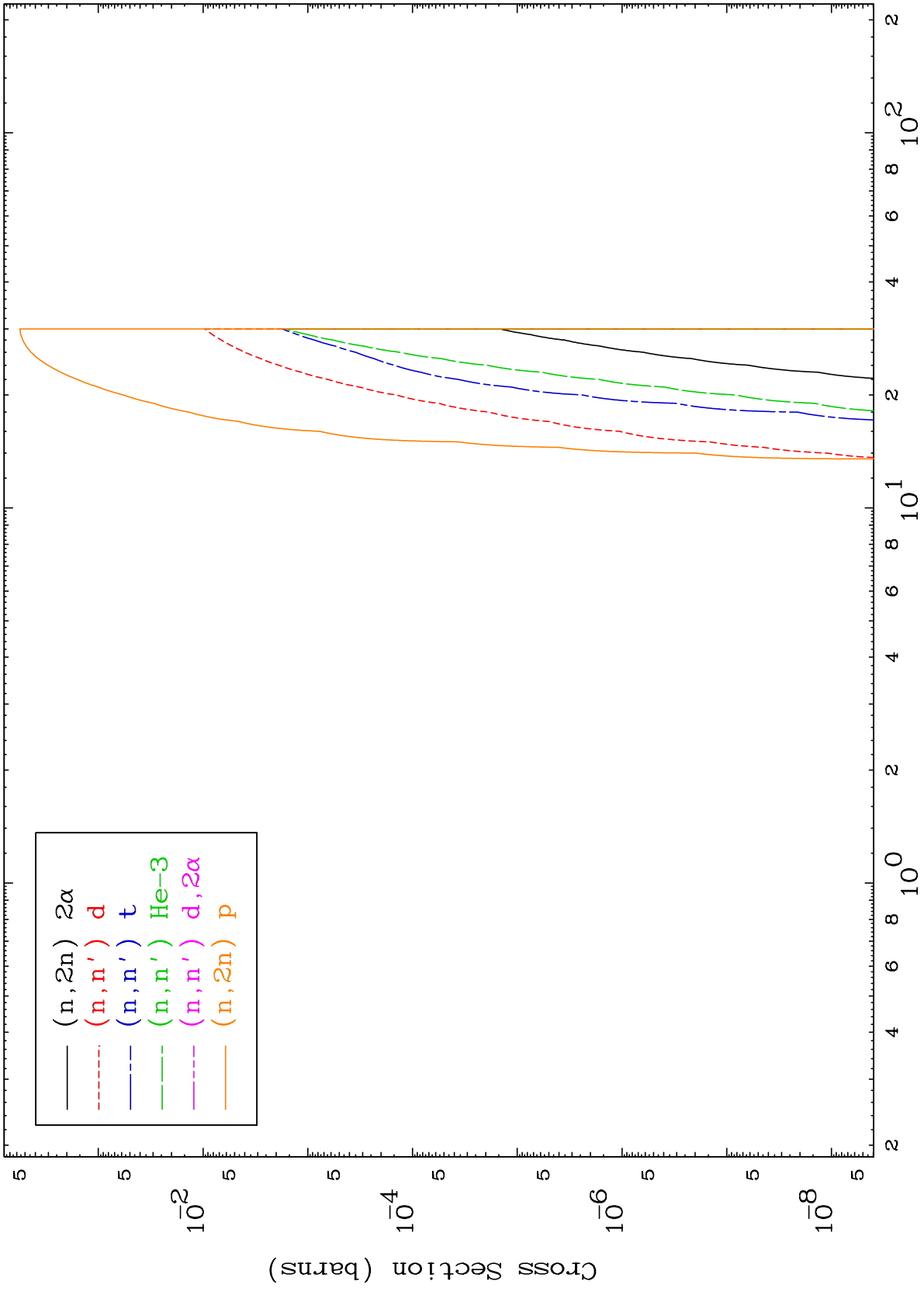
71-Lu-157



2

Incident Energy (MeV)

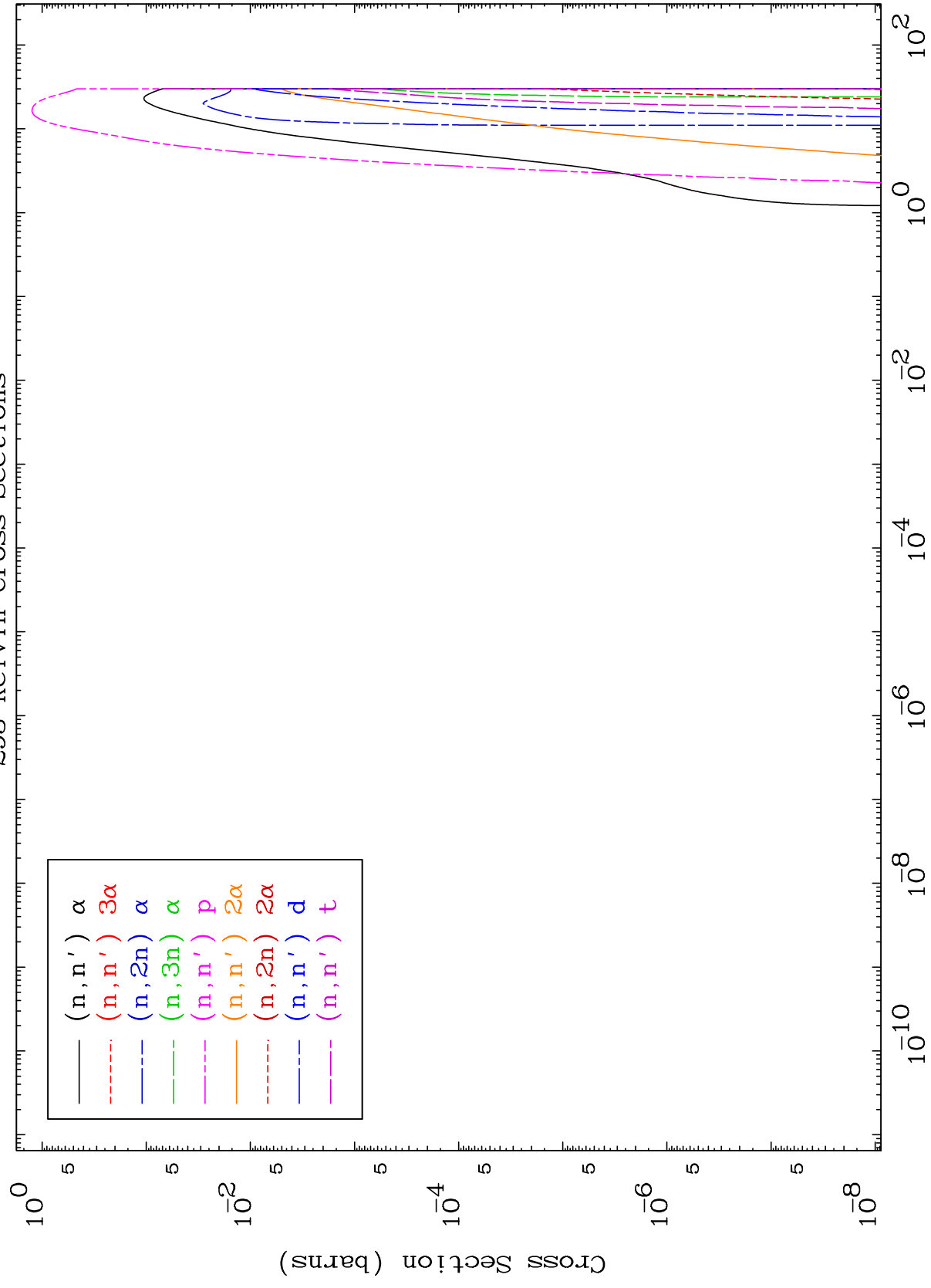
71-Lu-157



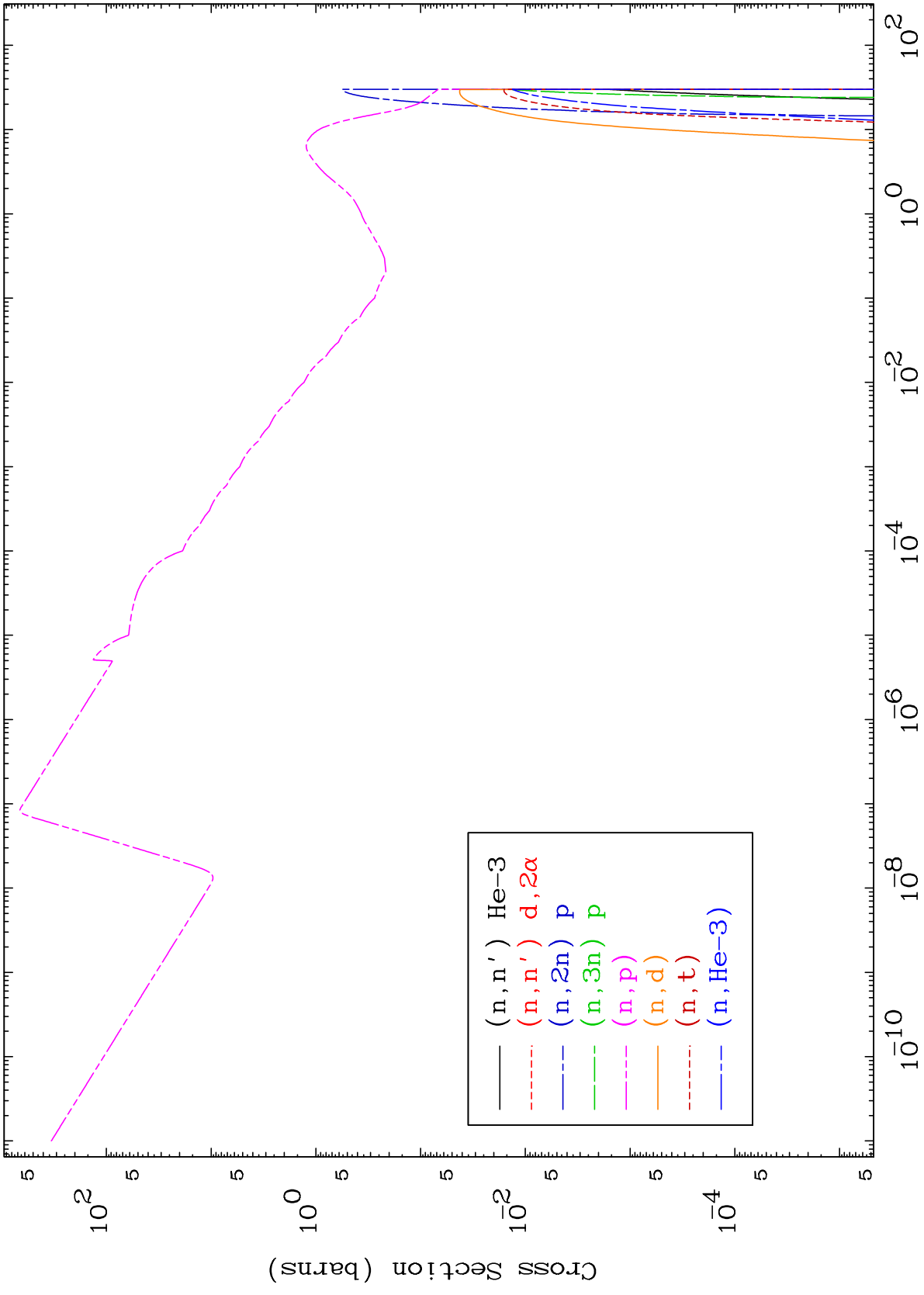
MAT 7072

293 Charged Particle
Kelvin Cross Sections

71-Lu-157



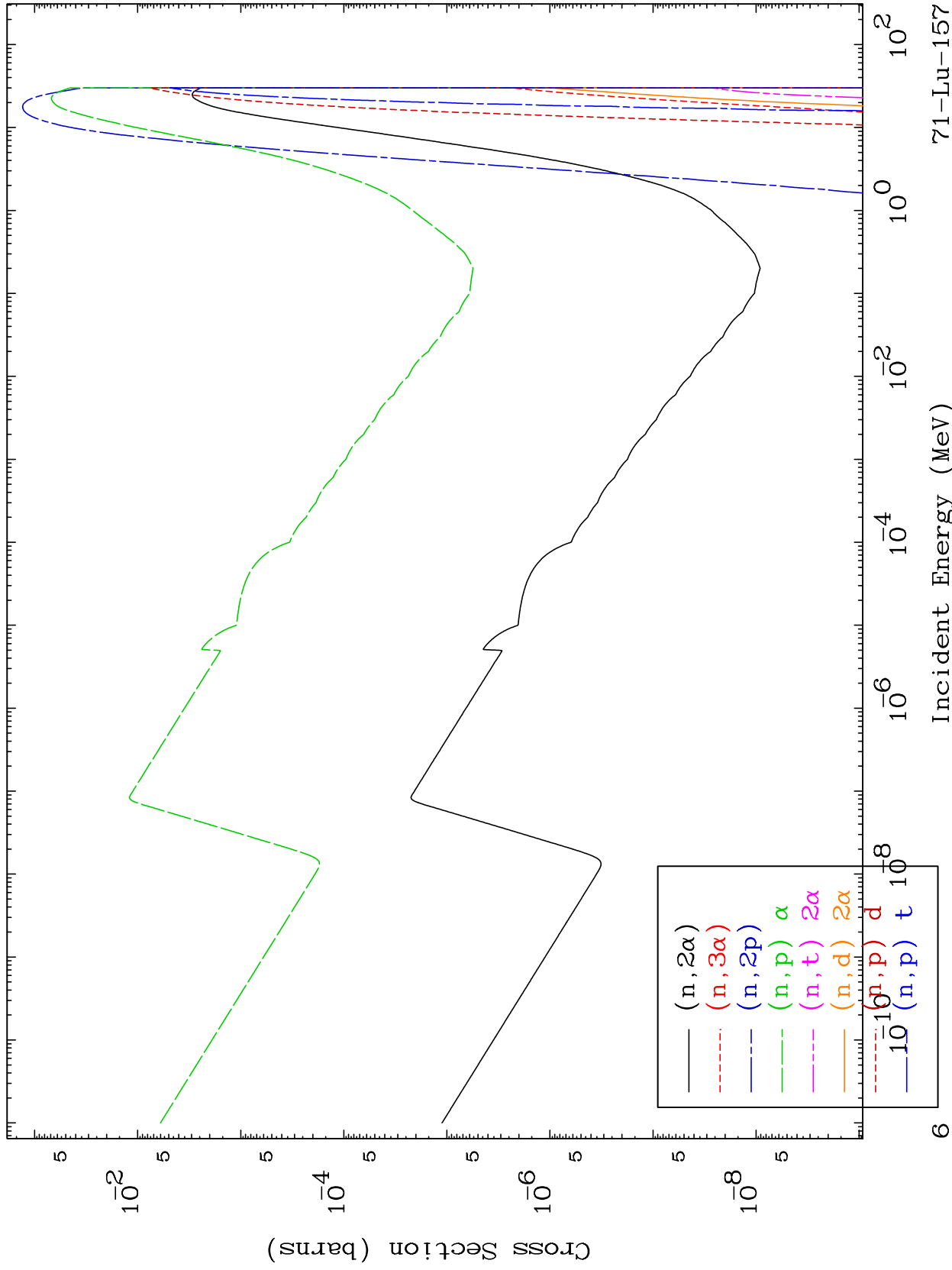
71-Lu-157

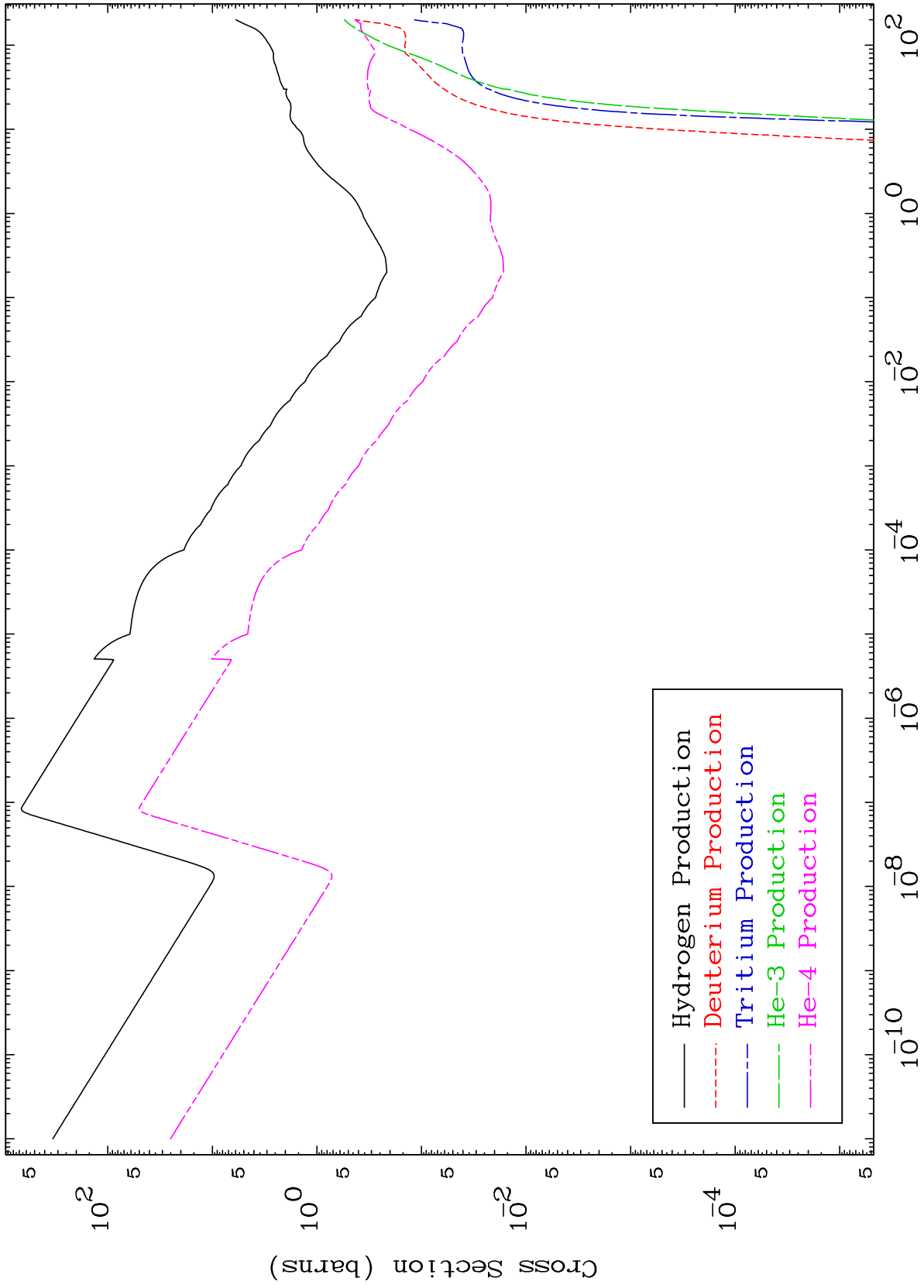


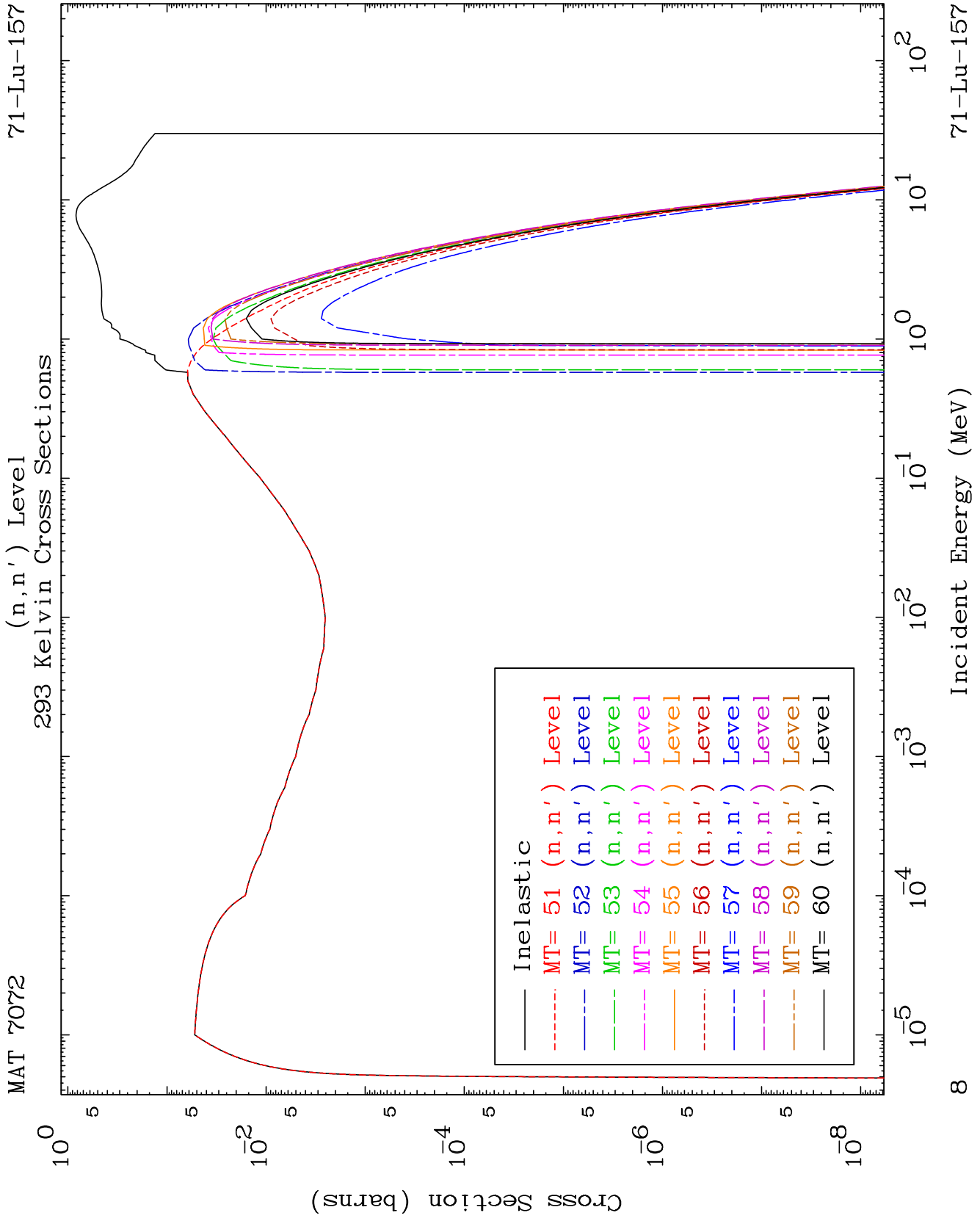
MAT 7072

293 Kelvin Cross Sections

71-Lu-157





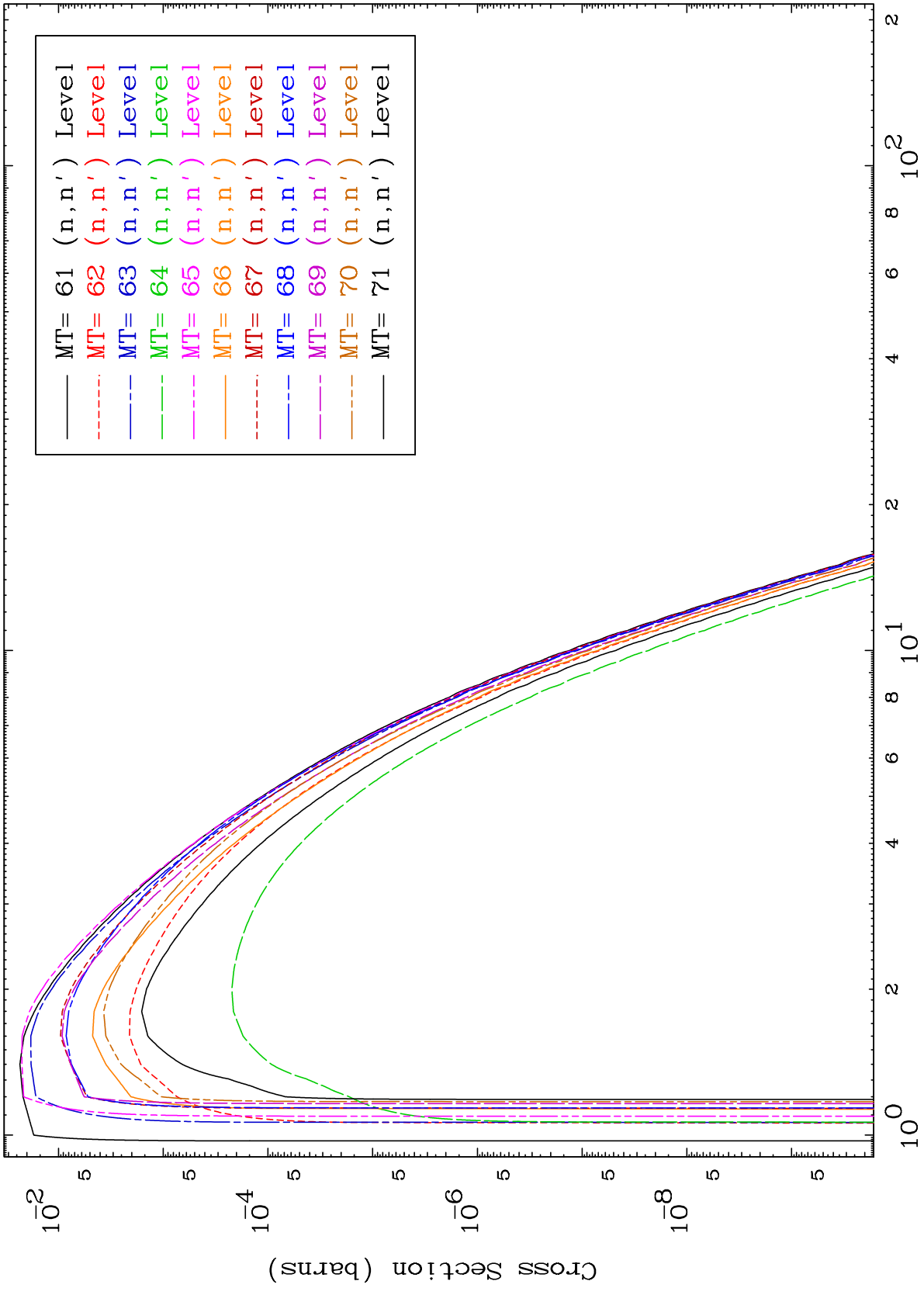


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(n,n') Level

293 Kelvin Cross Sections

71-Lu-157



Incident Energy (MeV)

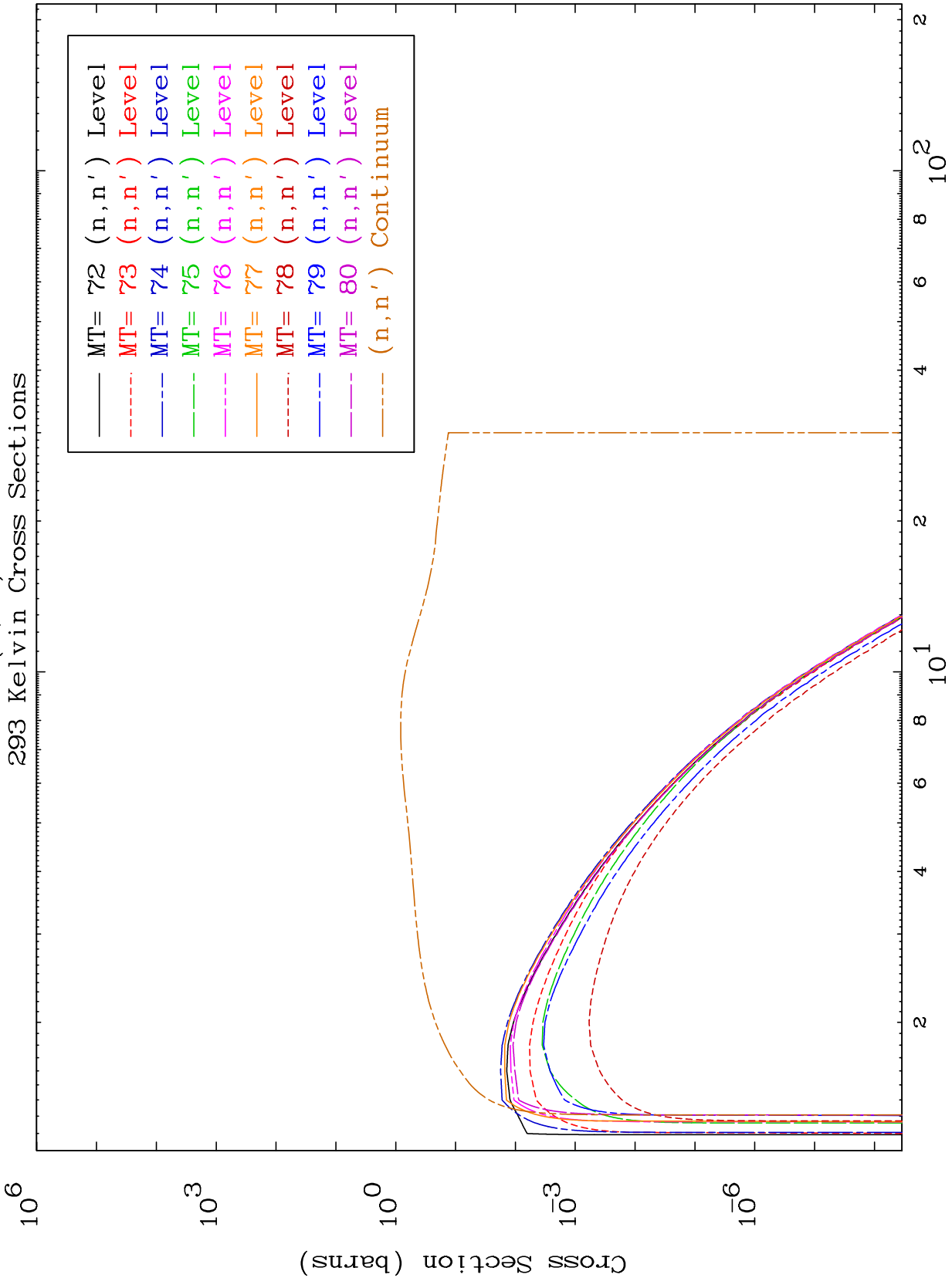
71-Lu-157

MAT 7072

(n,n') Level

293 Kelvin Cross Sections

71-Lu-157



10

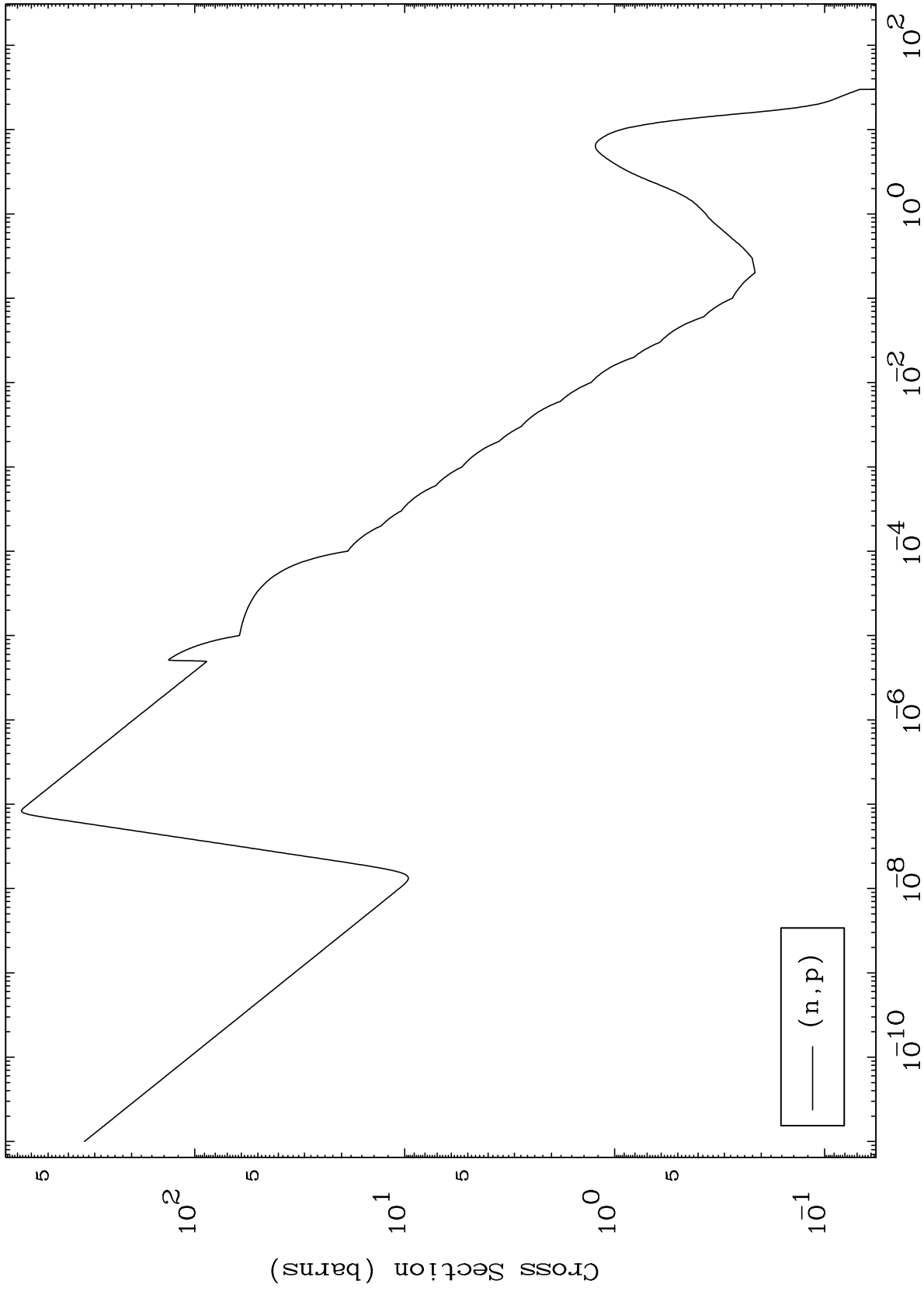
Incident Energy (MeV)

71-Lu-157

MAT 7072

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-157



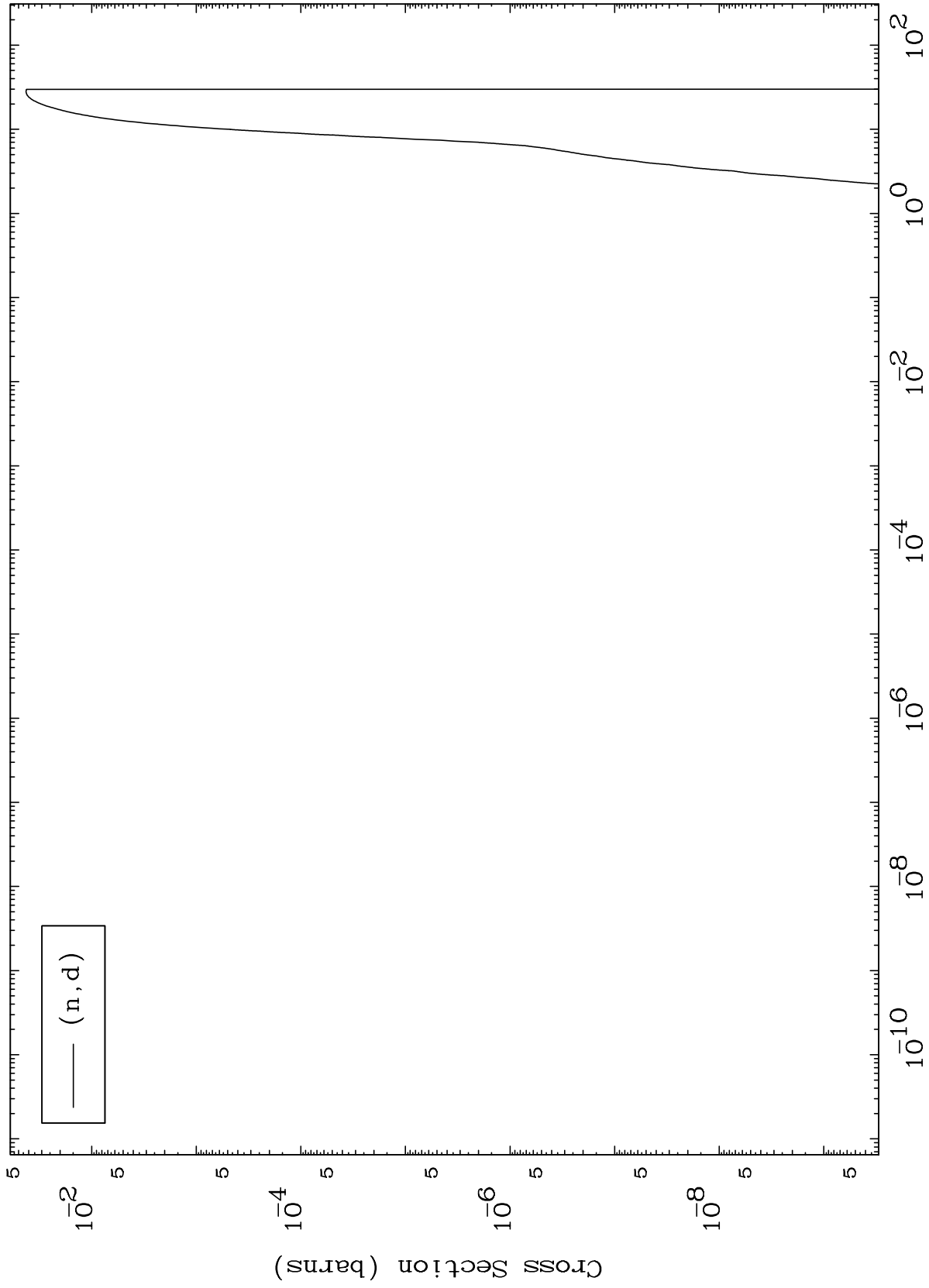
11

71-Lu-157

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(n,d) Levels
293 Kelvin Cross Sections

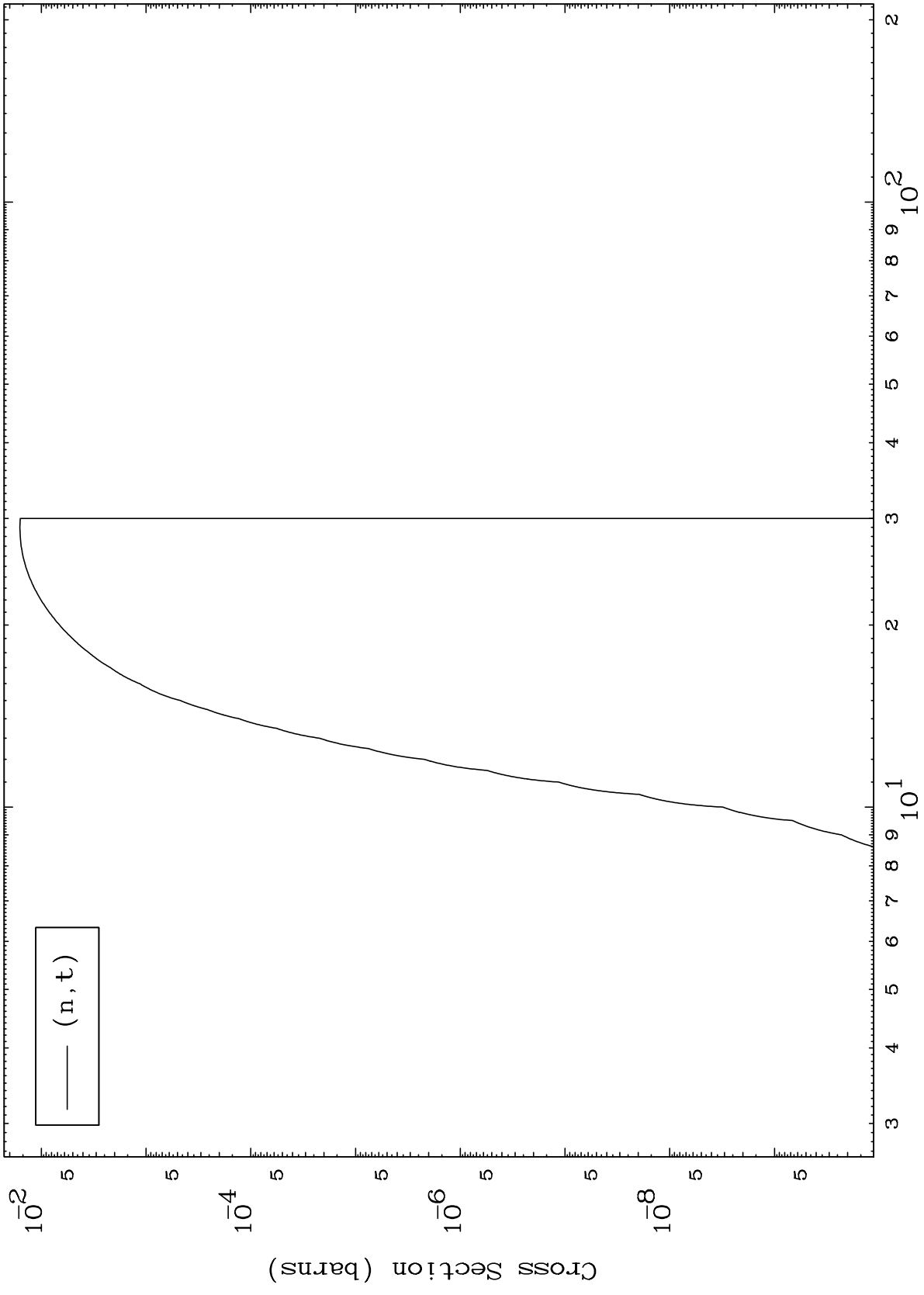
71-Lu-157



MAT 7072

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-157



13

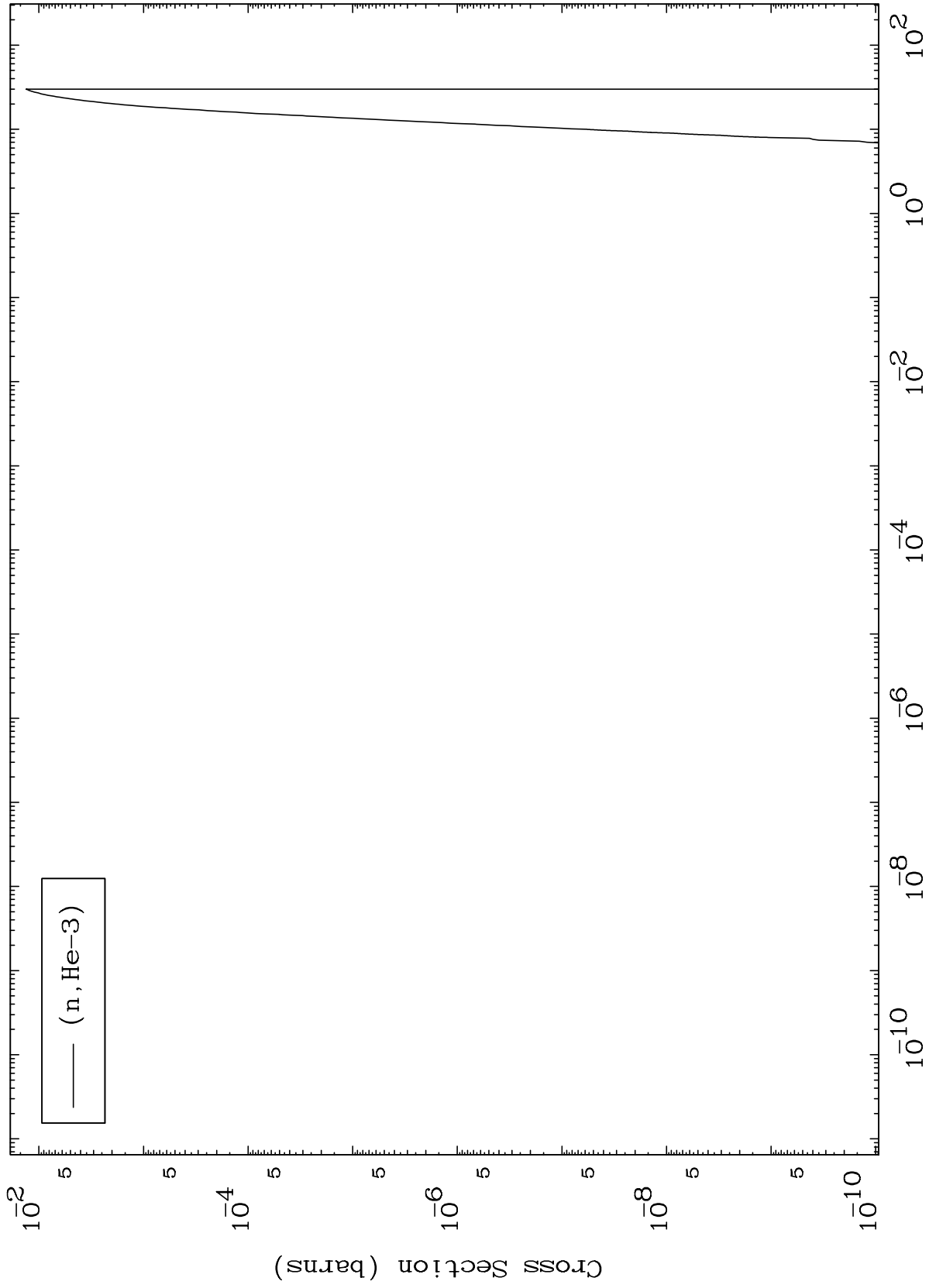
Incident Energy (MeV)

71-Lu-157

MAT 7072

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-157

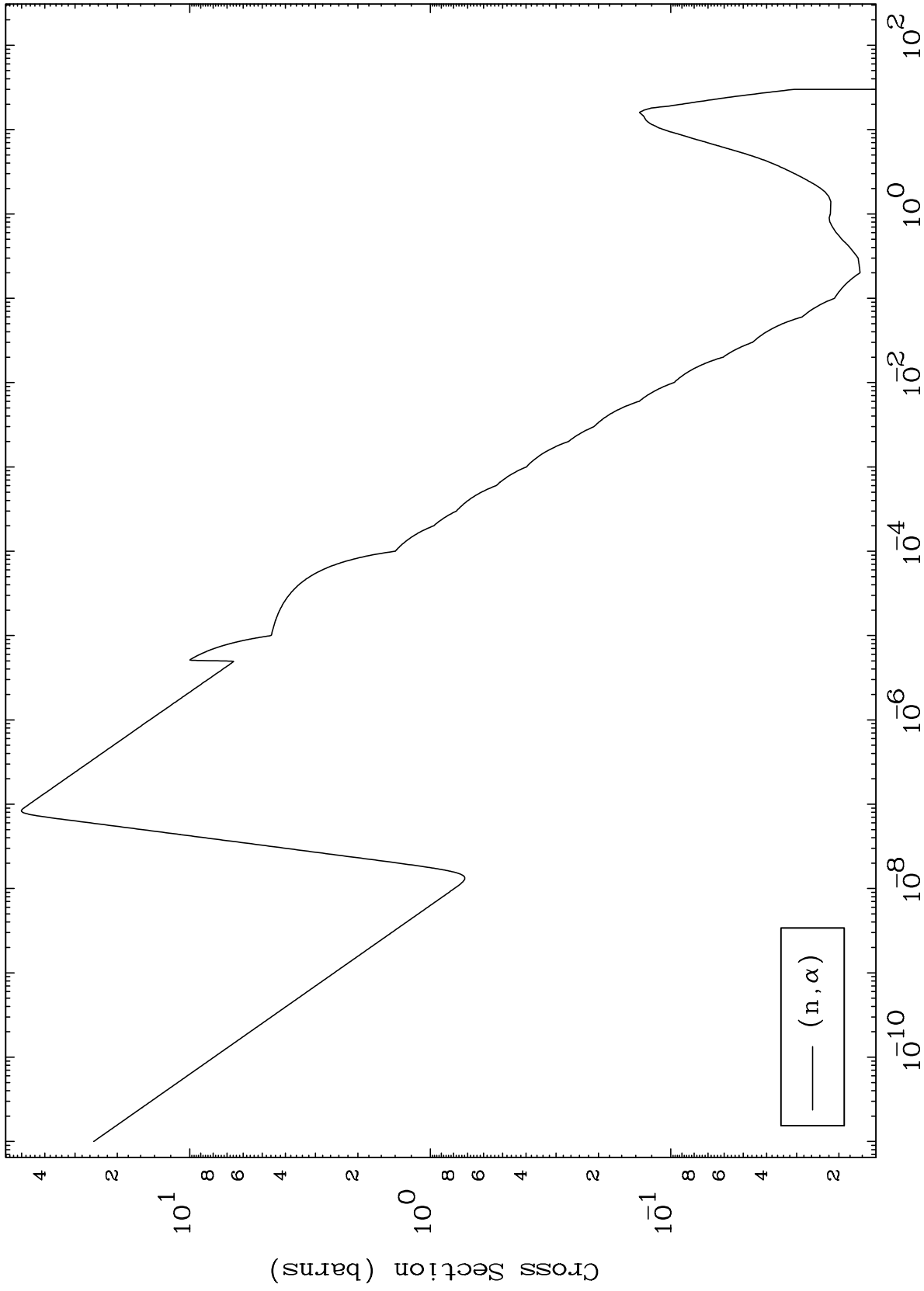


(n, He-3)

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(n,α) Levels
293 Kelvin Cross Sections

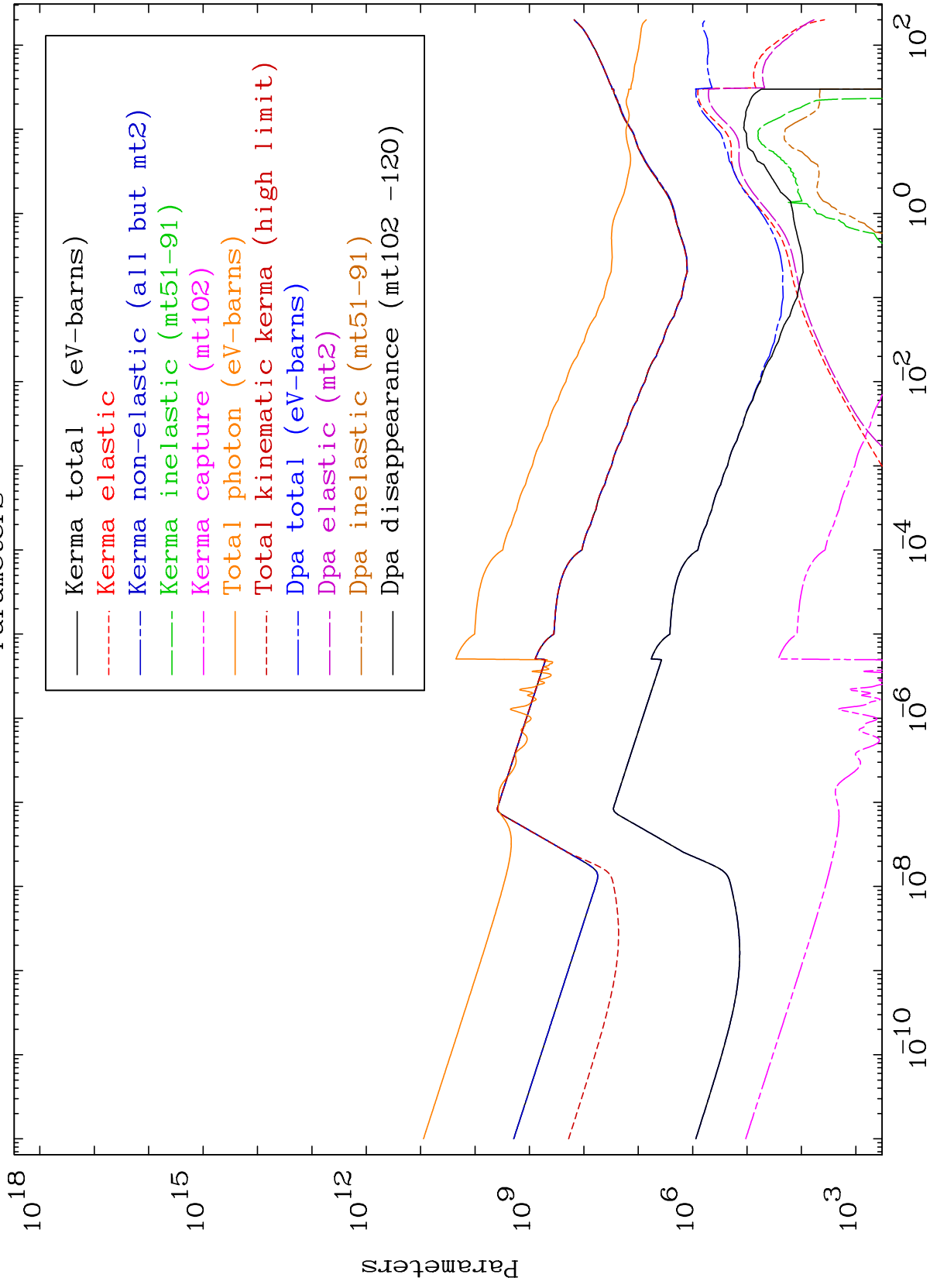
71-Lu-157



15

Incident Energy (MeV)

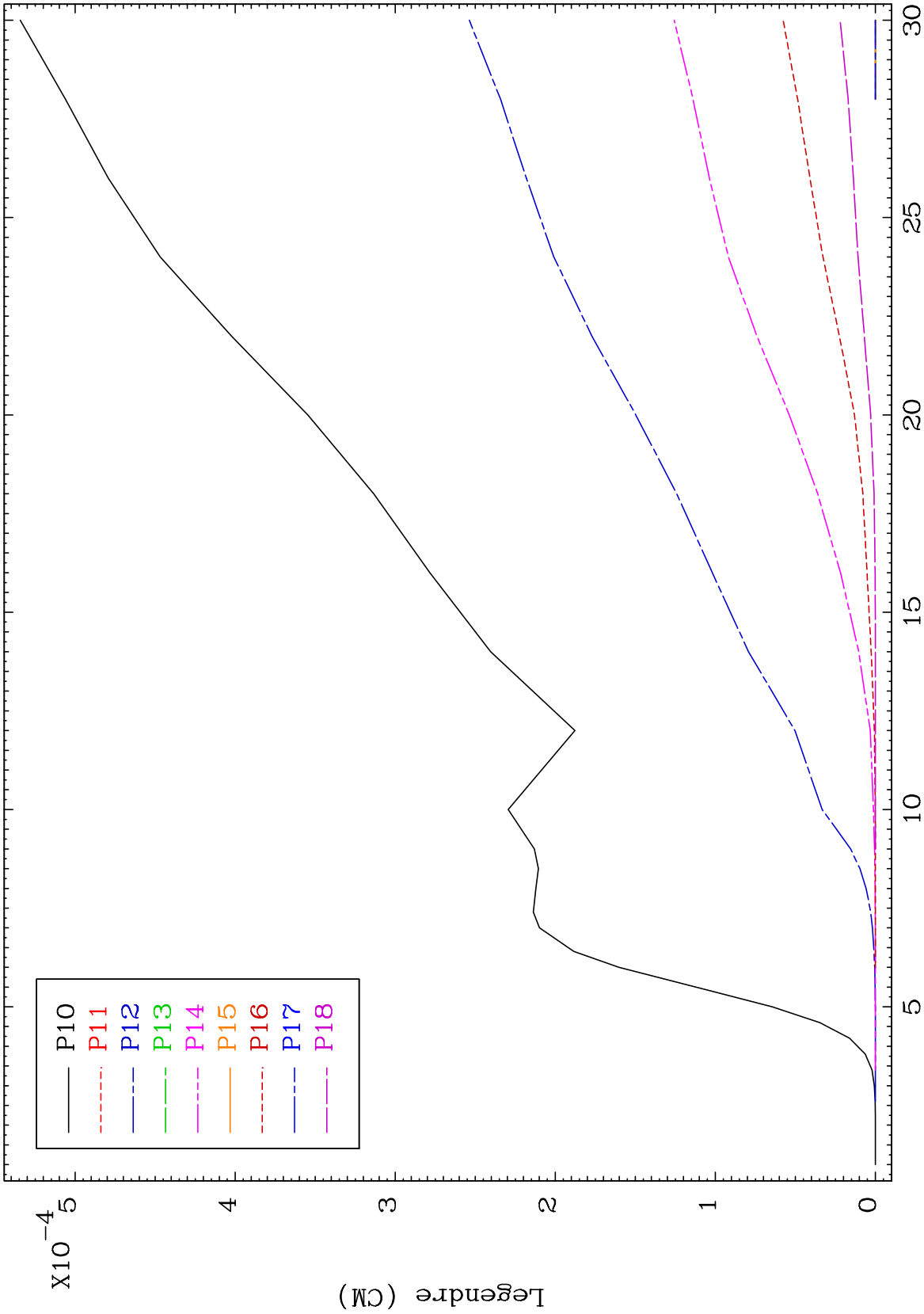
71-Lu-157



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Elastic Legendre Coefficients

71-Lu-157



18

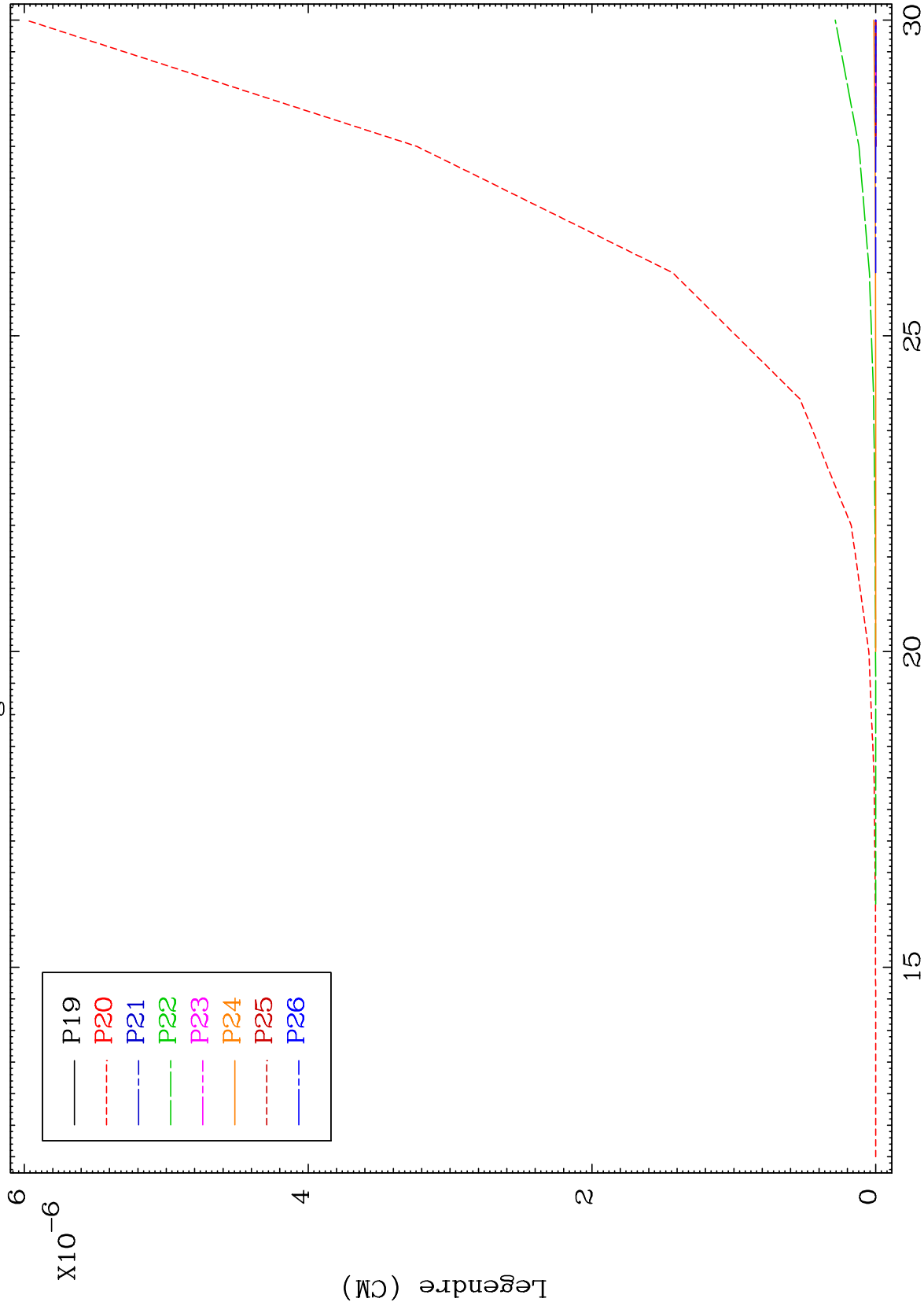
Incident Energy (MeV)

71-Lu-157

MAT 7072

Elastic Legendre Coefficients

71-Lu-157



19

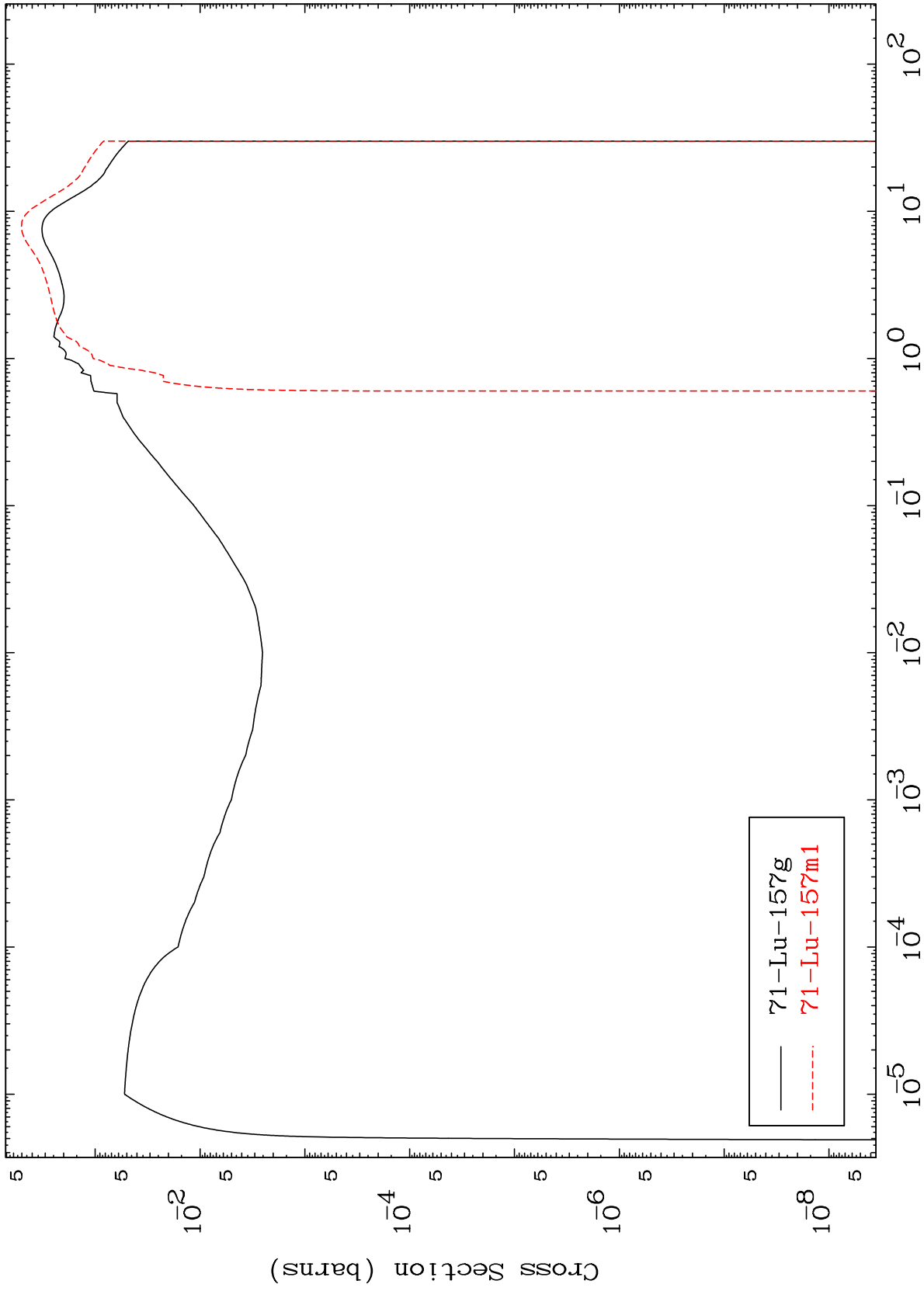
Incident Energy (MeV)

71-Lu-157

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Inelastic
Radionuclide Production Cross Section

⁷¹Lu-157



20

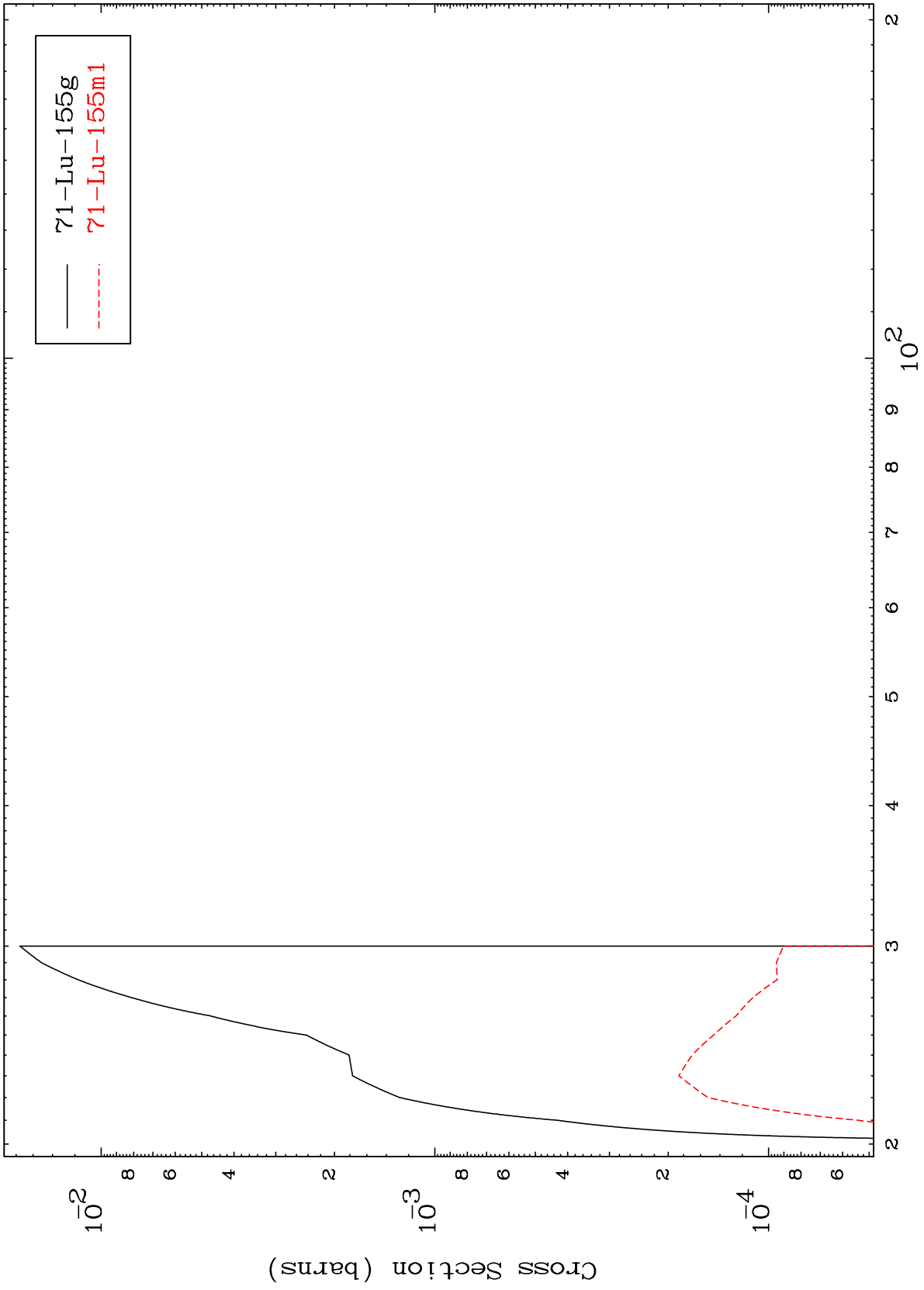
Incident Energy (MeV)

⁷¹Lu-157

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⁷¹Lu-157

(n,3n)
Radionuclide Production Cross Section



21

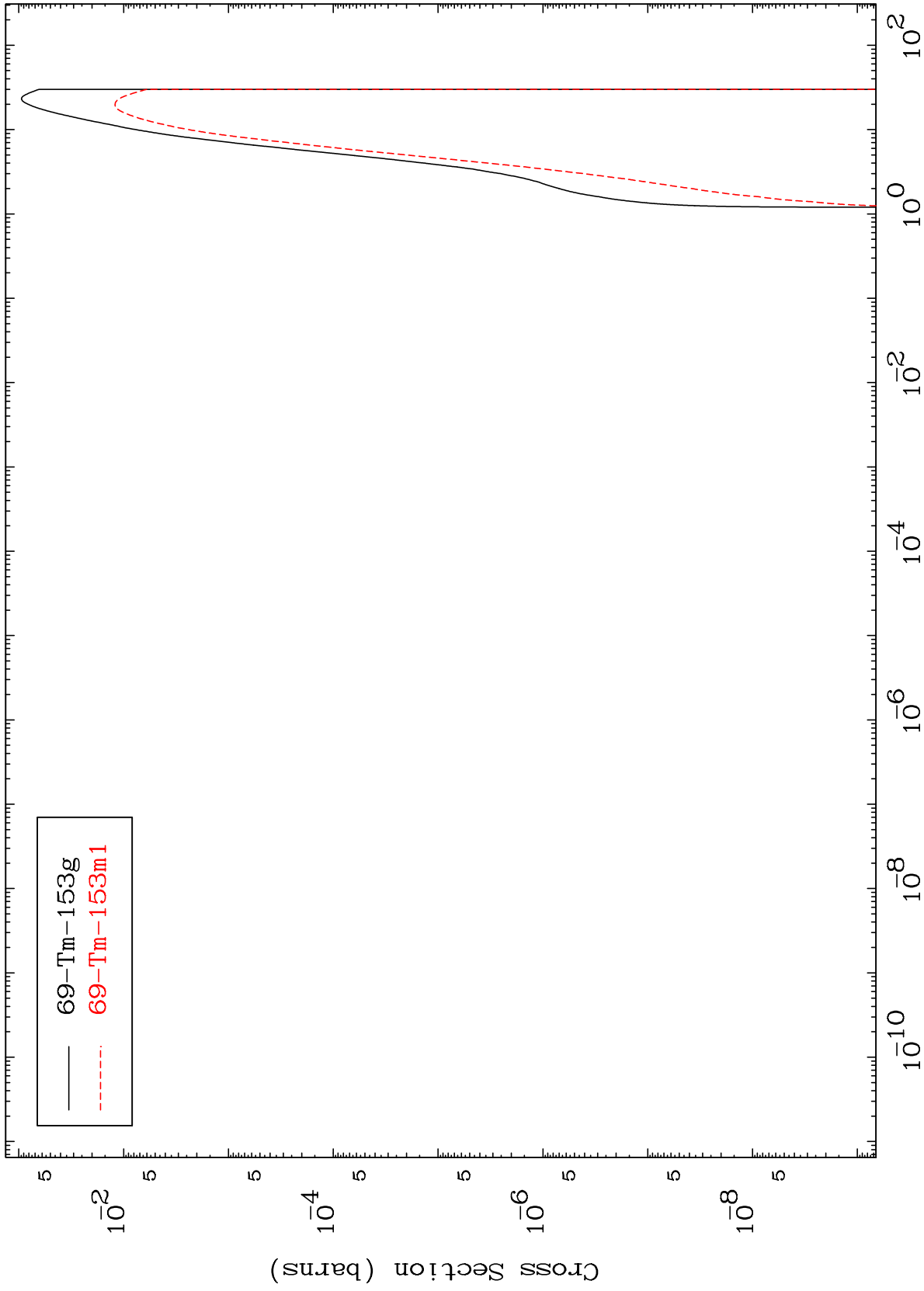
⁷¹Lu-157

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(n,n') α

71-Lu-157

Radionuclide Production Cross Section



22

Incident Energy (MeV)

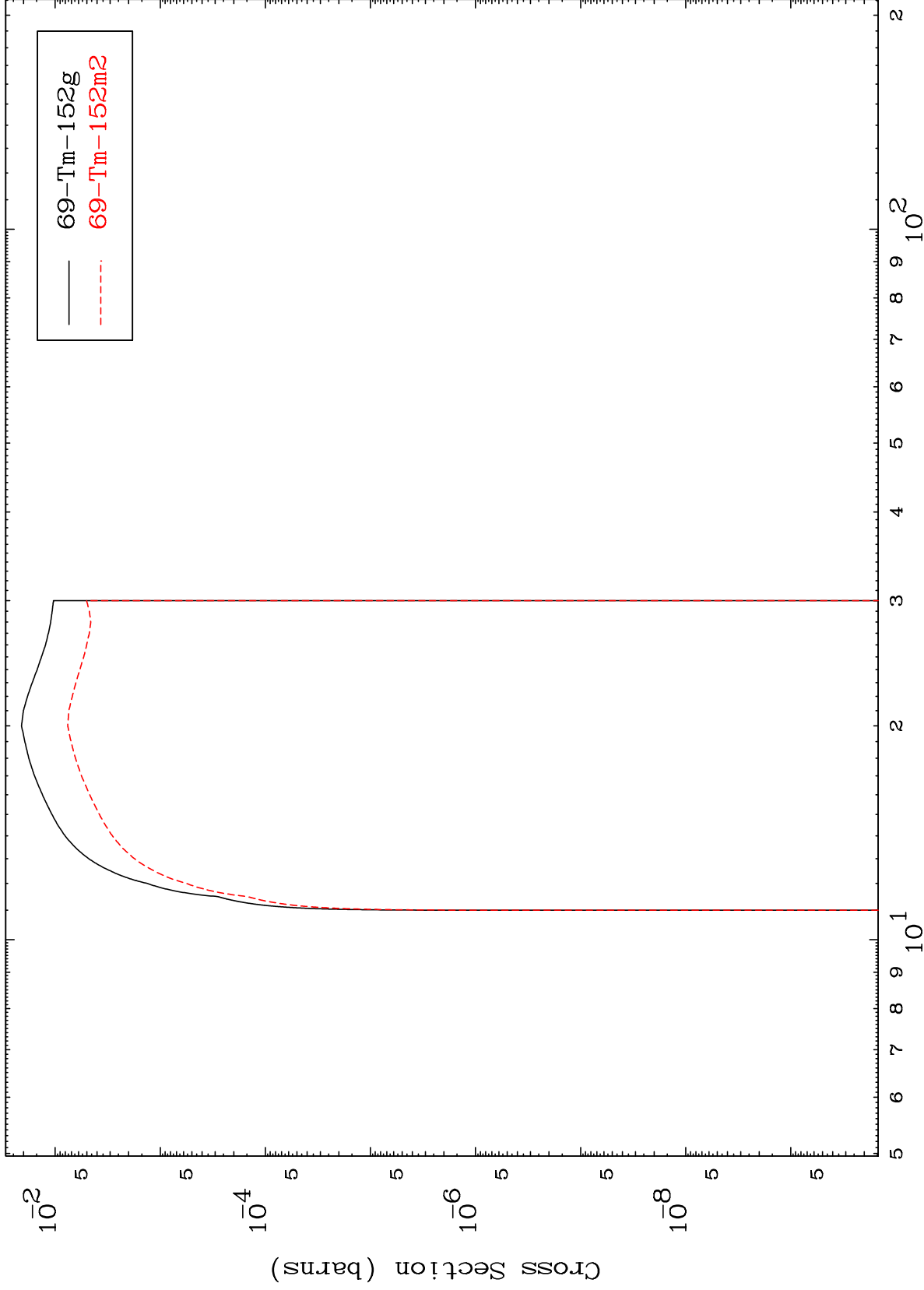
71-Lu-157

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$(n, 2n) \alpha$

71-Lu-157

Radionuclide Production Cross Section



23

Incident Energy (MeV)

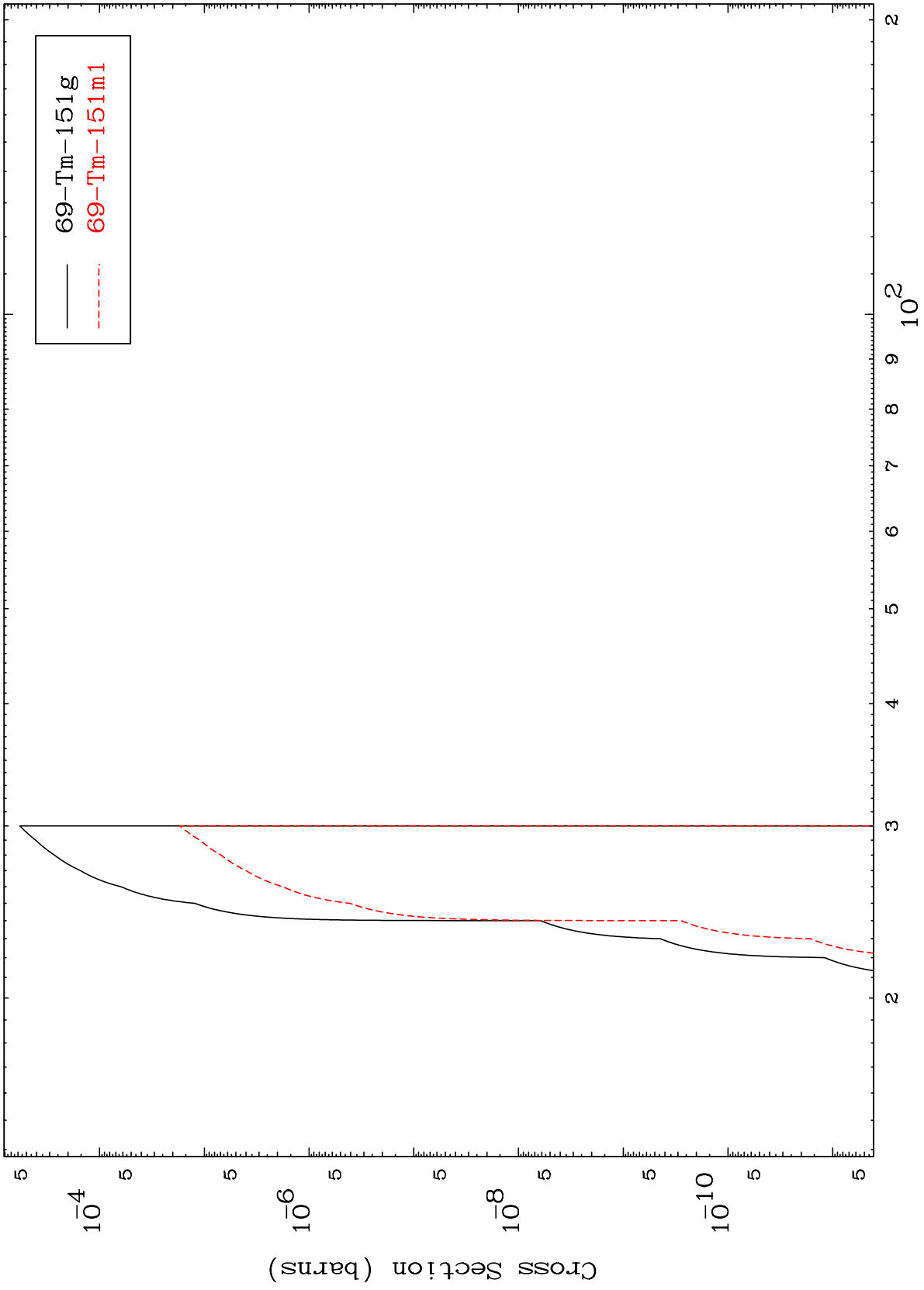
71-Lu-157

MAT 7072

(n,3n) α

71-Lu-157

Radionuclide Production Cross Section



24

Incident Energy (MeV)

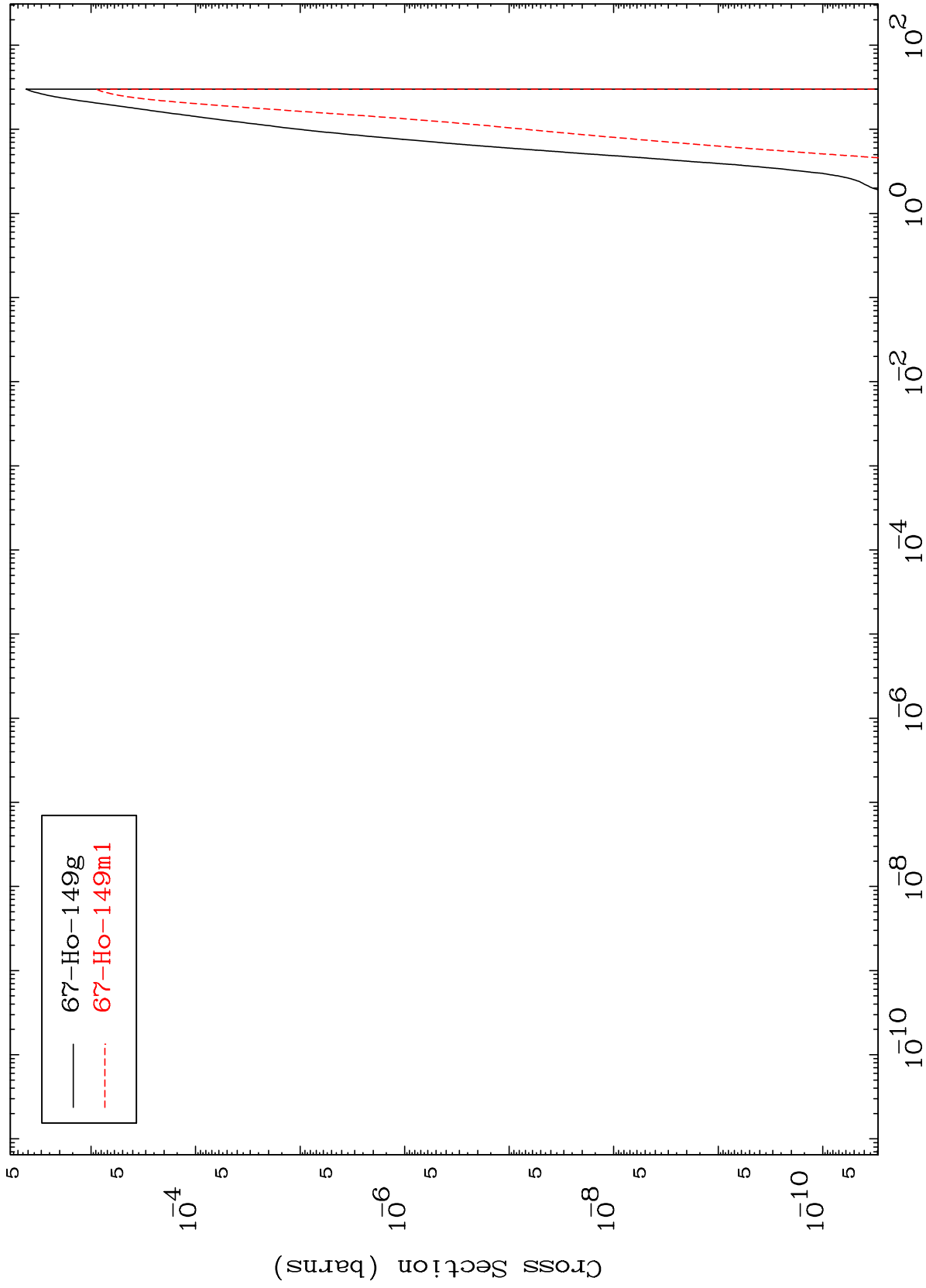
71-Lu-157

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(n,n') 2 α

71-Lu-157

Radionuclide Production Cross Section



67-Ho-149g
67-Ho-149m1

25

Incident Energy (MeV)

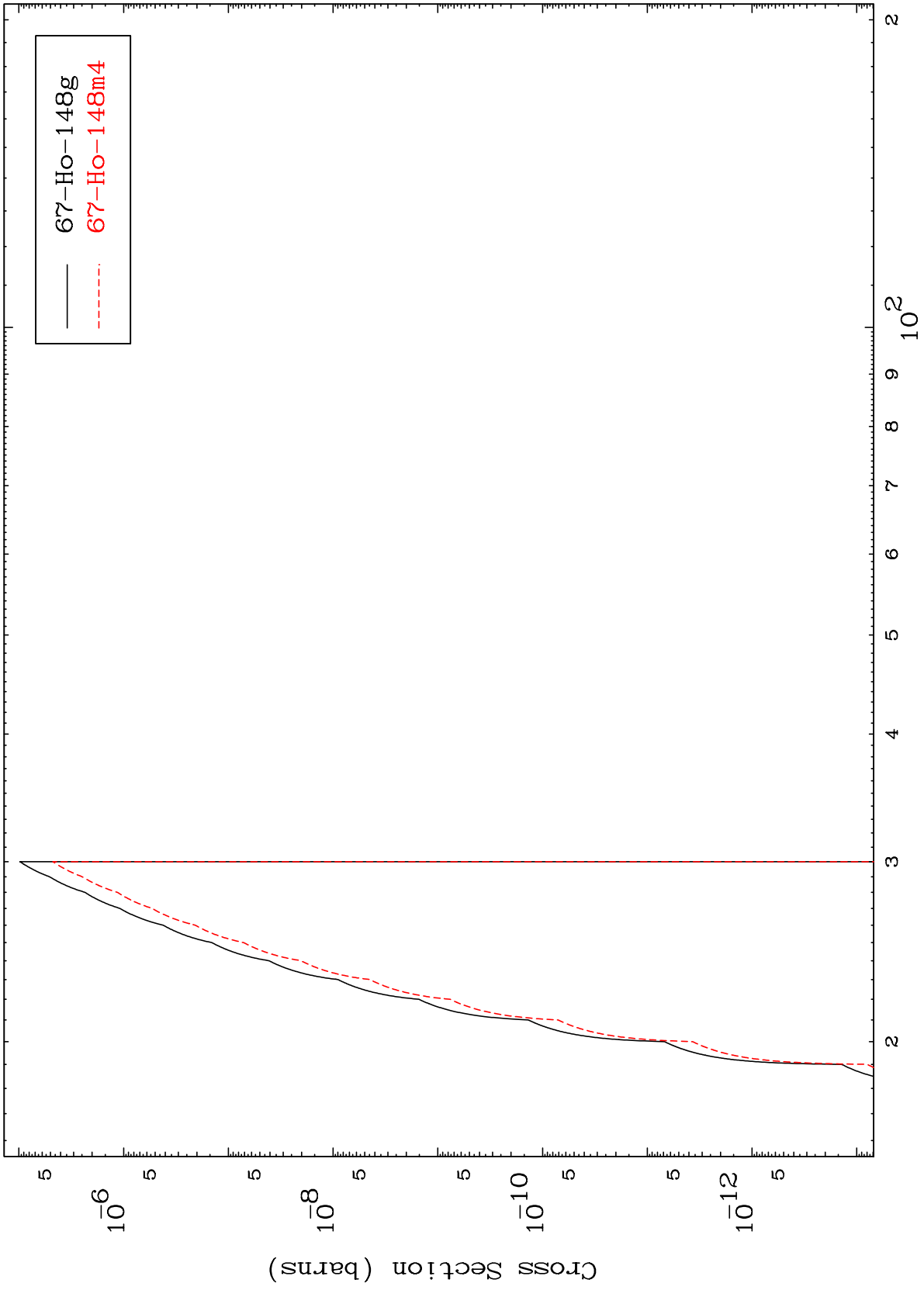
71-Lu-157

MAT 7072

(n,2n) 2α

71-Lu-157

Radionuclide Production Cross Section



26

Incident Energy (MeV)

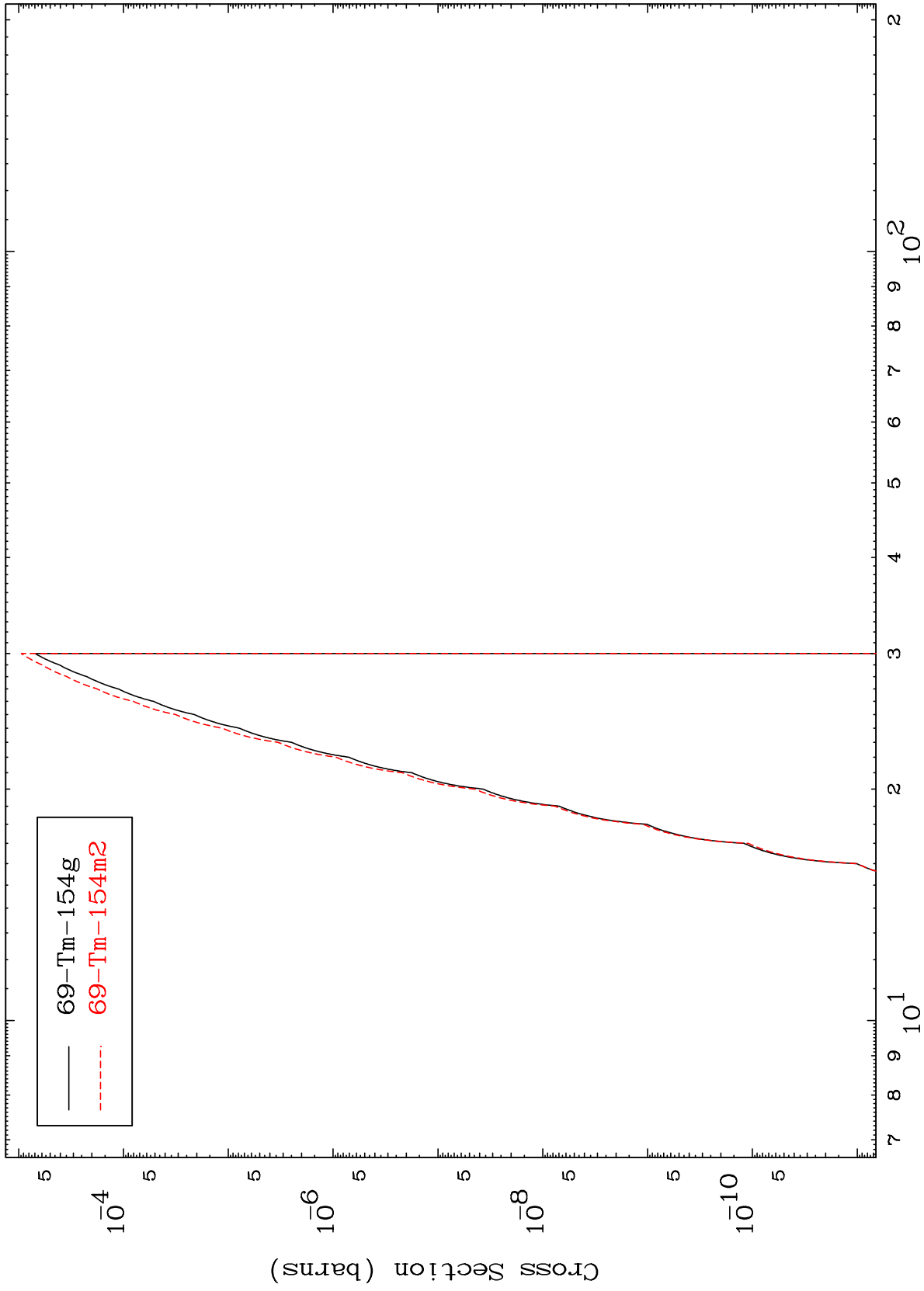
71-Lu-157

MAT 7072

(n, n') He-3

71-Lu-157

Radionuclide Production Cross Section



27

Incident Energy (MeV)

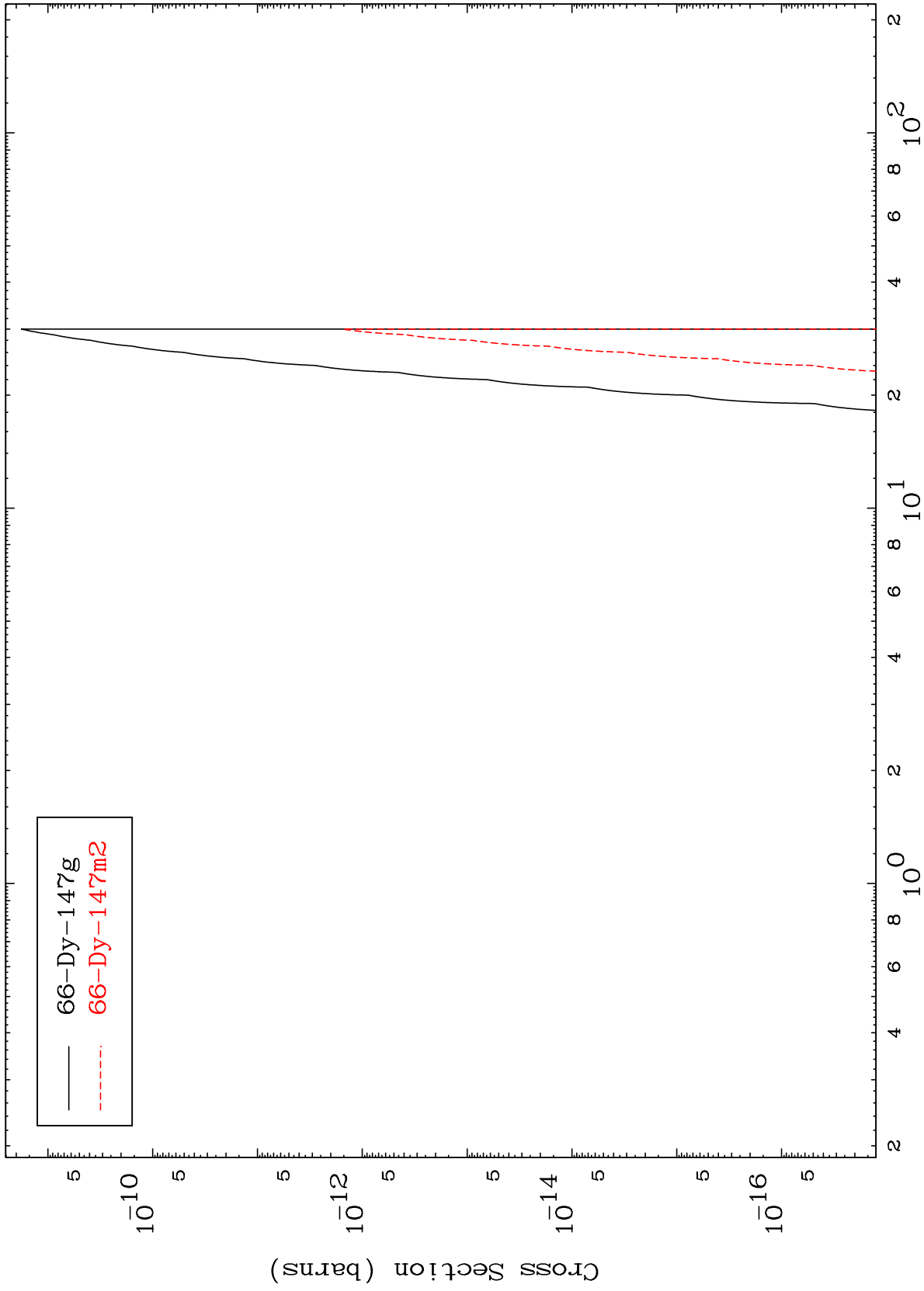
71-Lu-157

MAT 7072

(n,n') d,2α

71-Lu-157

Radionuclide Production Cross Section



28

Incident Energy (MeV)

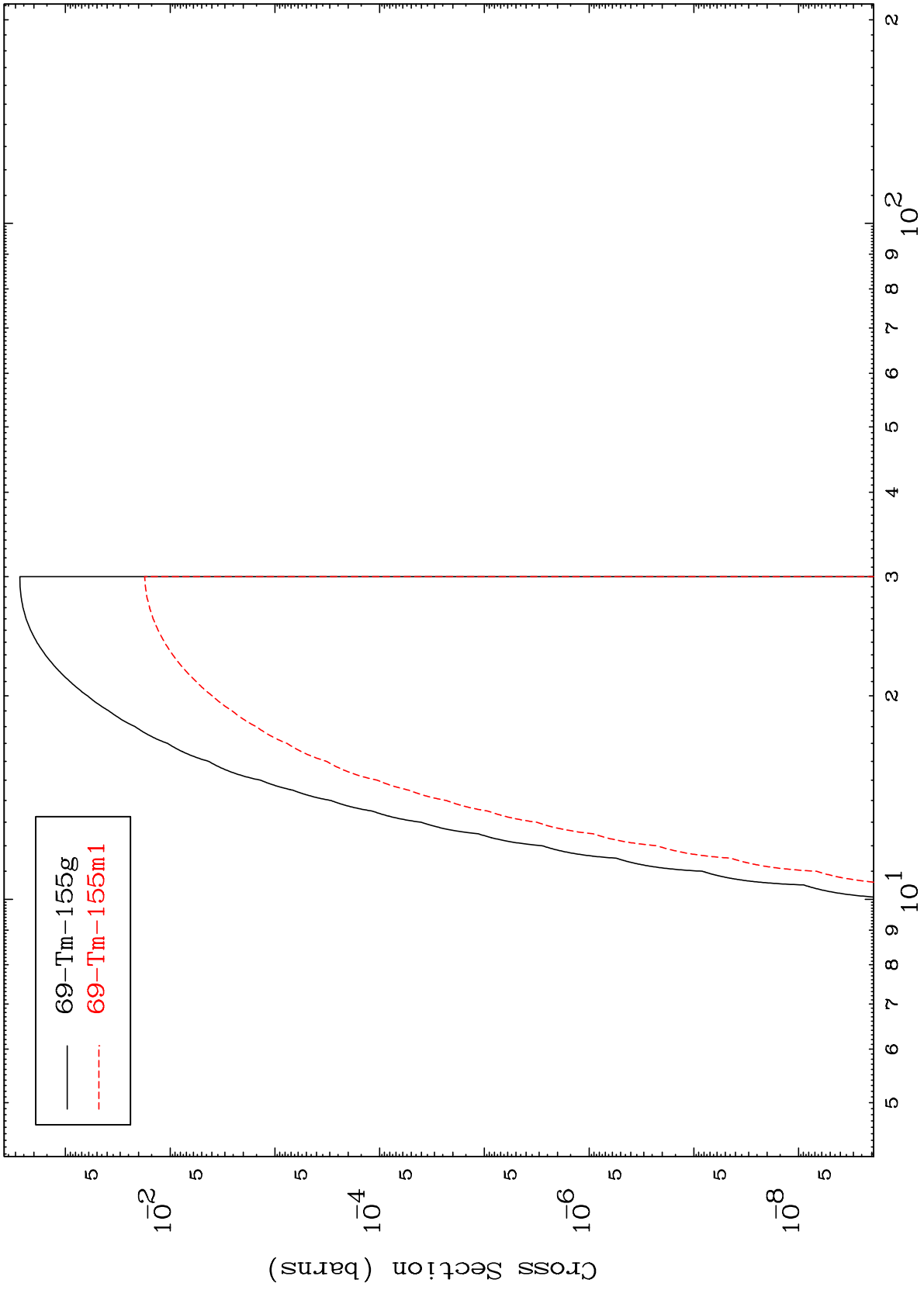
71-Lu-157

MAT 7072

(n,2n) p

71-Lu-157

Radionuclide Production Cross Section



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

29

Incident Energy (MeV)

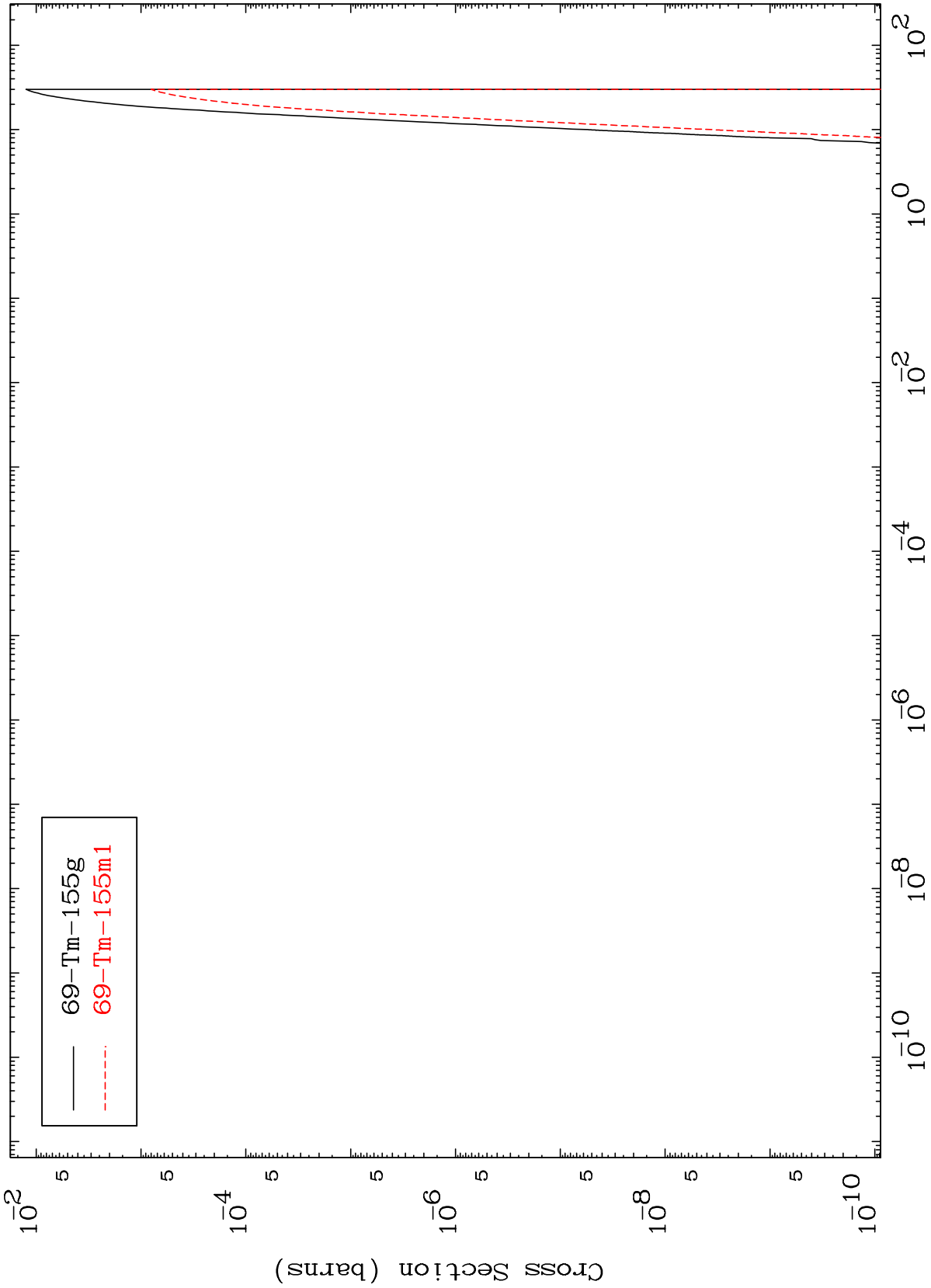
71-Lu-157

MAT 7072

(n,He-3)

71-Lu-157

Radionuclide Production Cross Section

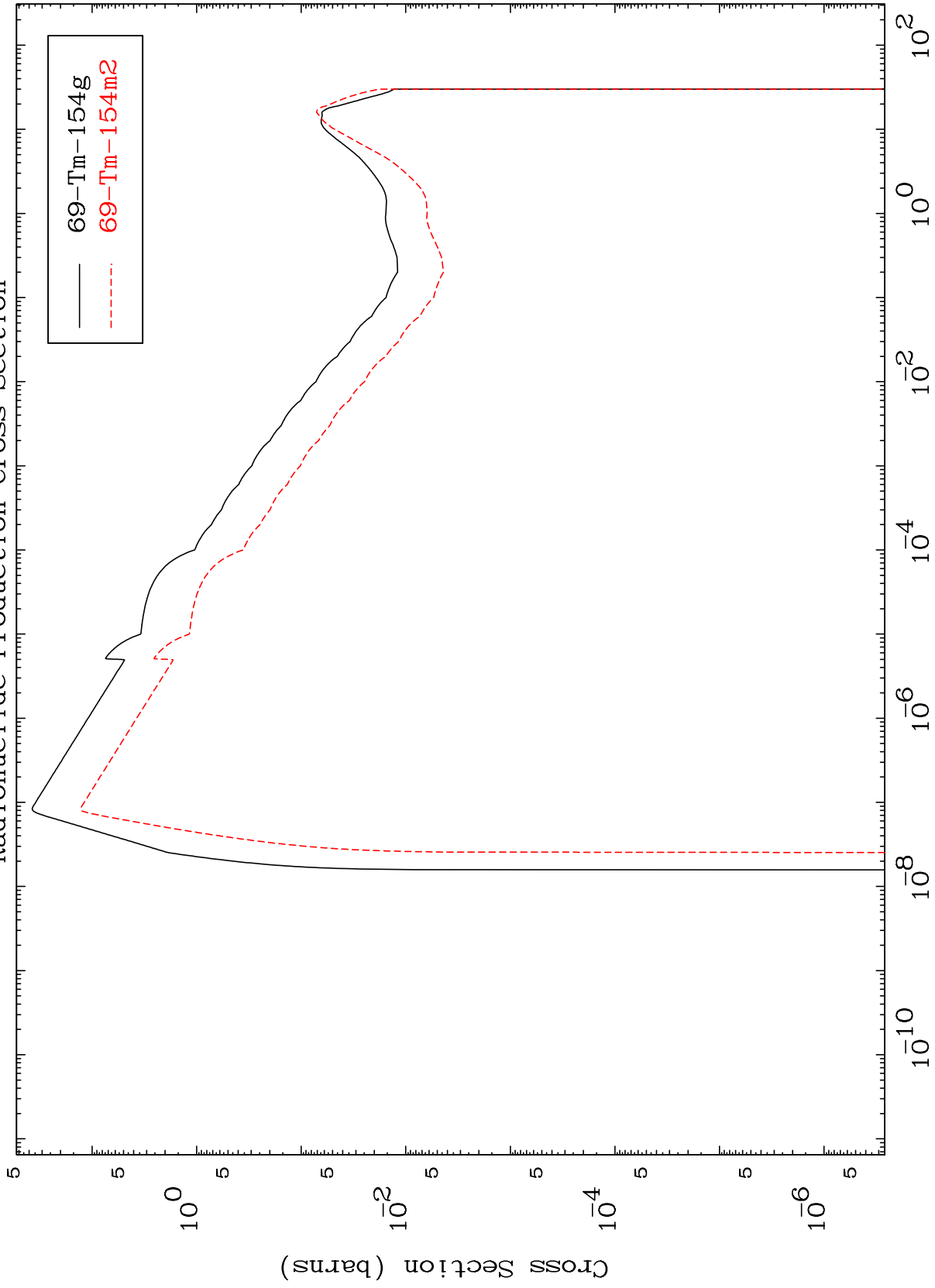


71-Lu-157

MAT 7072

71-Lu-157

Radionuclide Production Cross Section



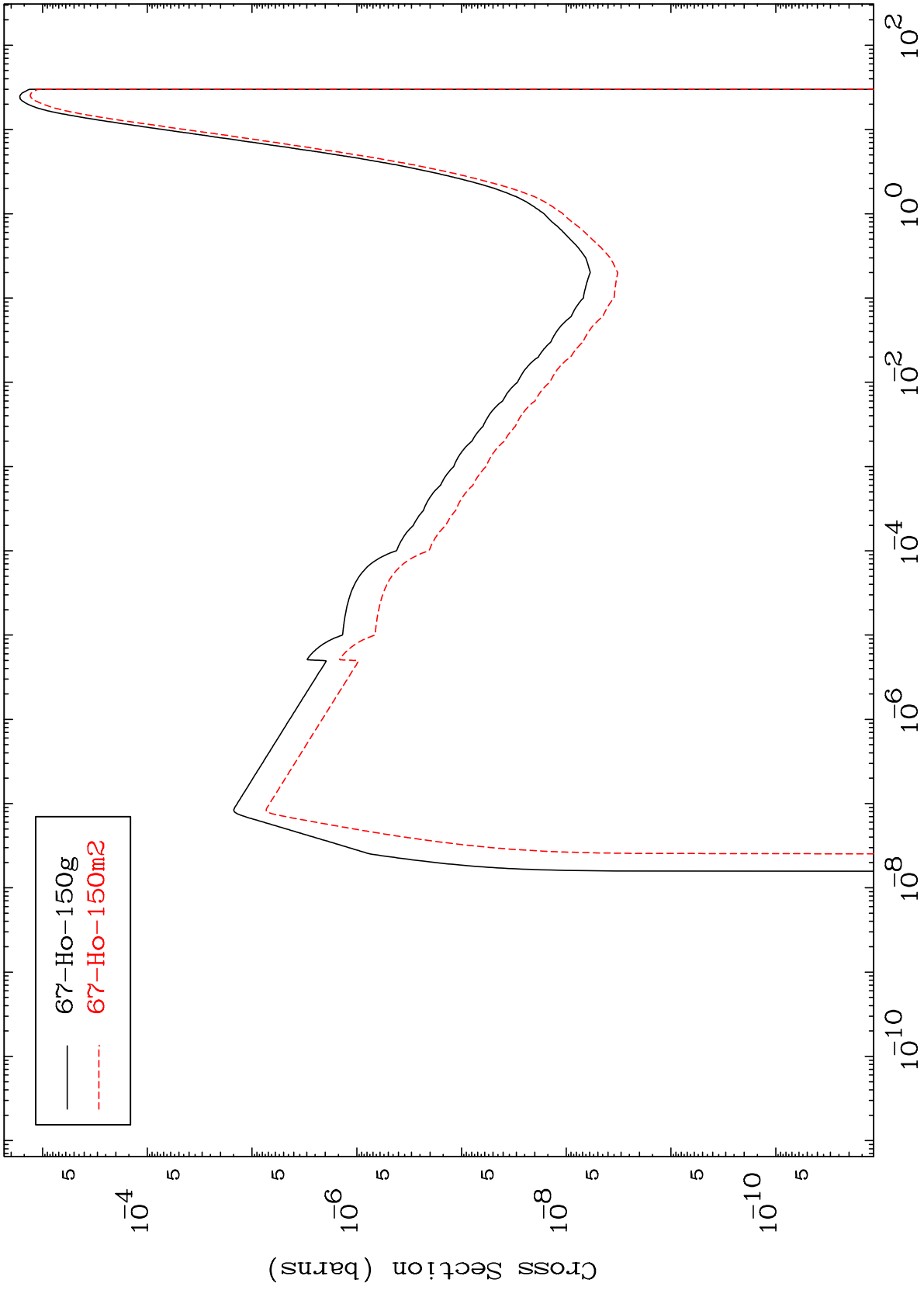
31

71-Lu-157

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Radionuclide Production Cross Section
(n,2α)

⁷¹Lu-157



32

Incident Energy (MeV)

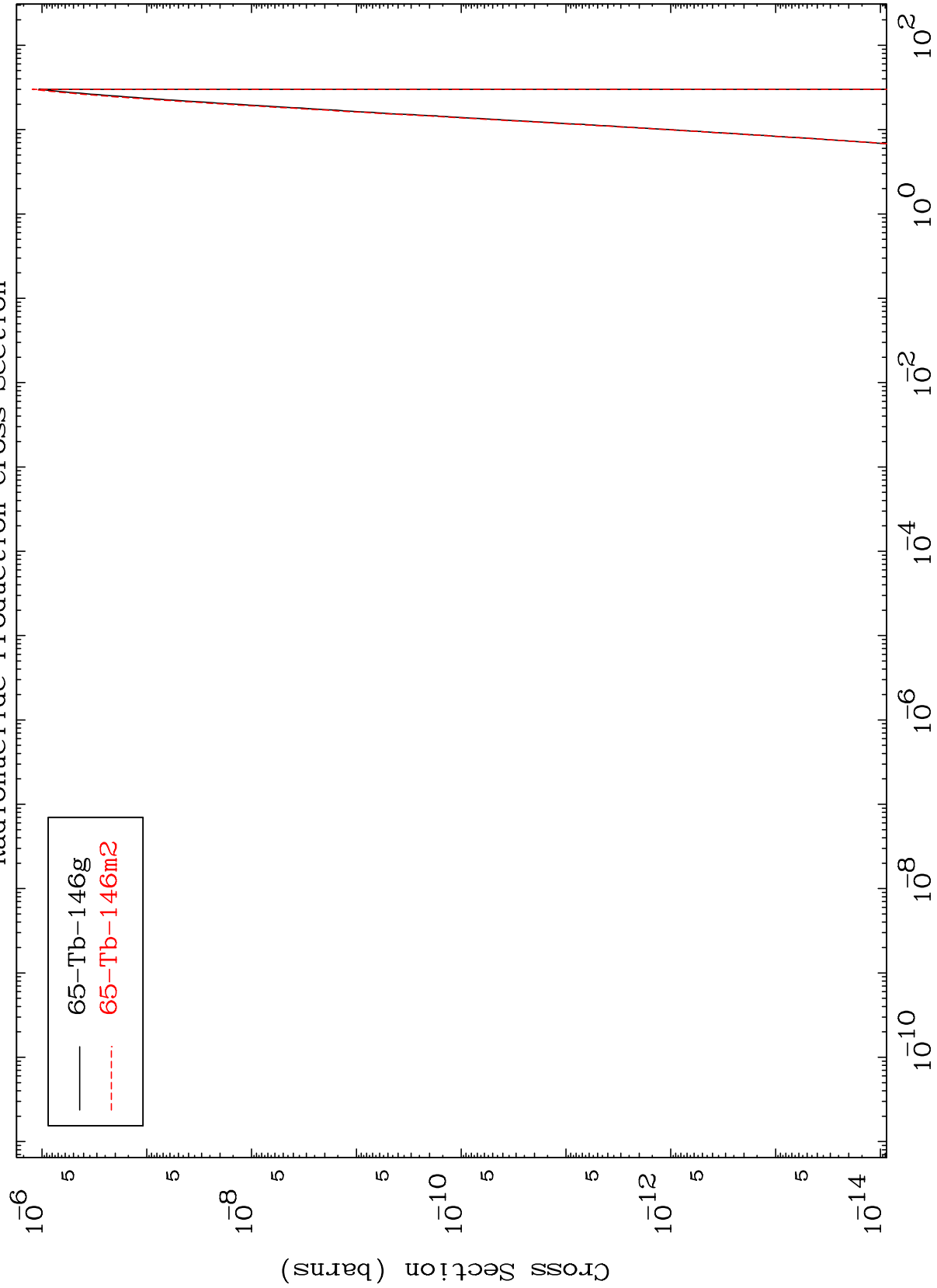
⁷¹Lu-157

MAT 7072

(n,3α)

71-Lu-157

Radionuclide Production Cross Section



33

Incident Energy (MeV)

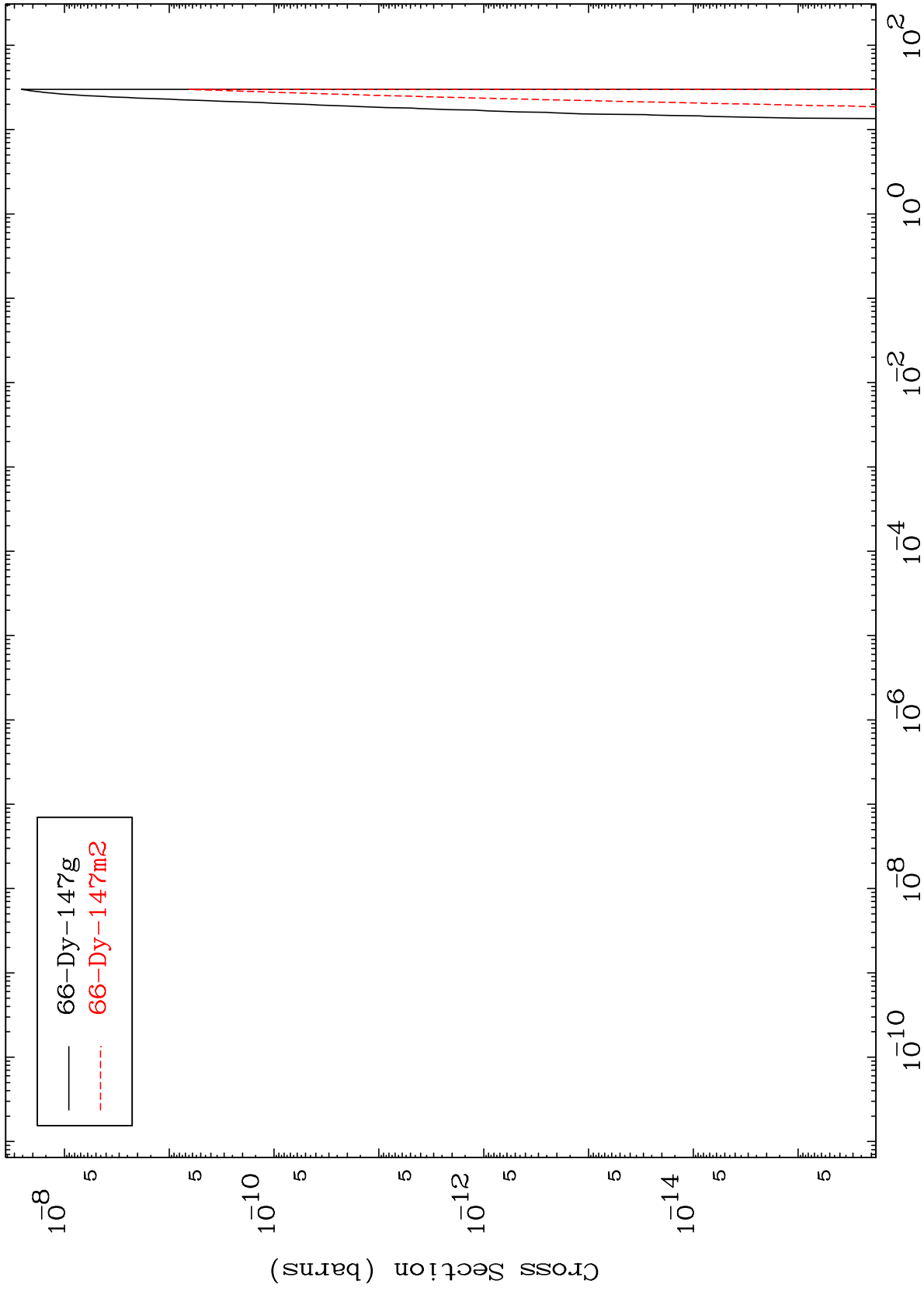
71-Lu-157

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(n, t) 2α

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

Radionuclide Production Cross Section



34

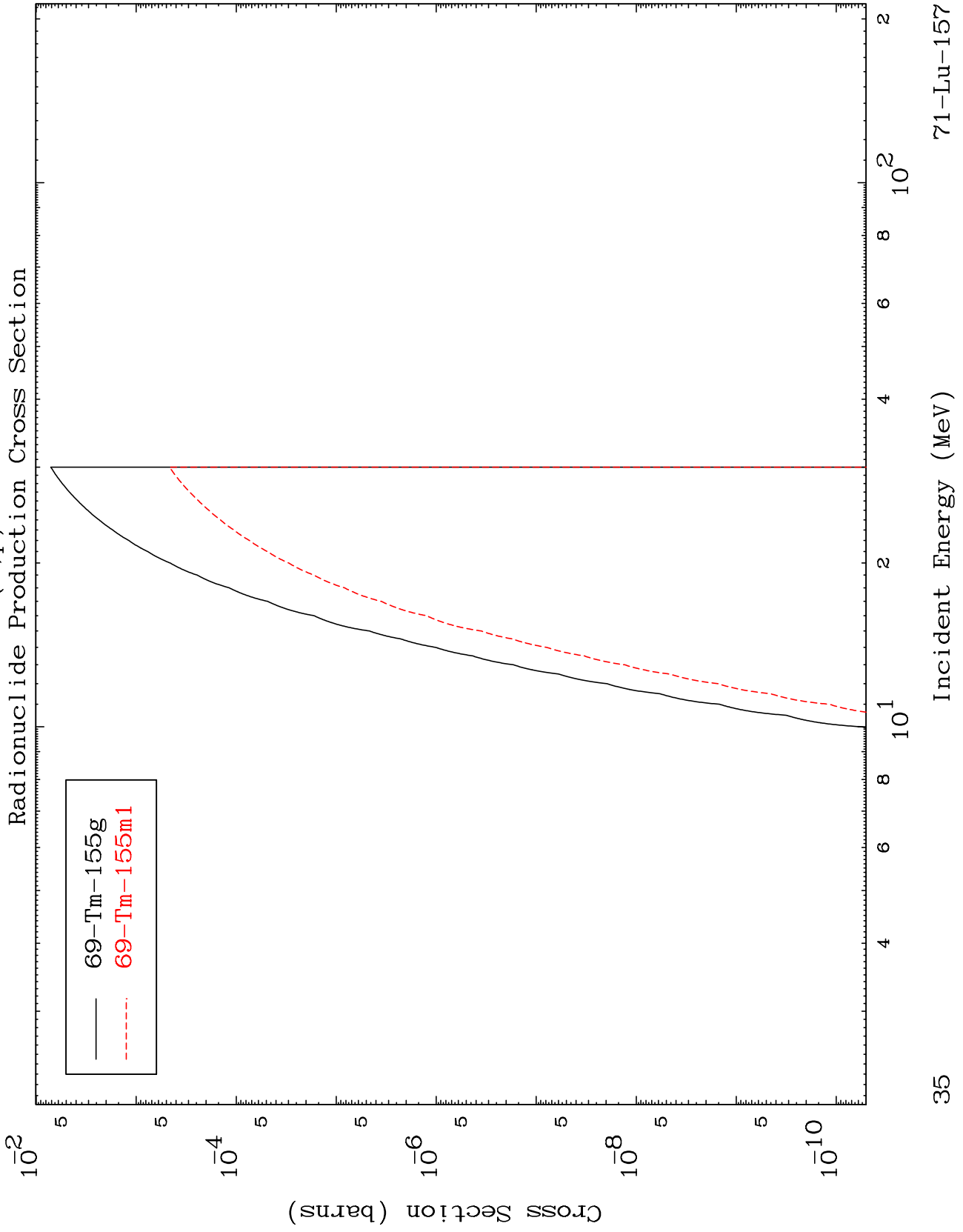
Incident Energy (MeV)

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

MAT 7072

(n,p) d

71-Lu-157



Radionuclide Production Cross Section

