

Program EVALPLOT
(Version 2018-1)

by

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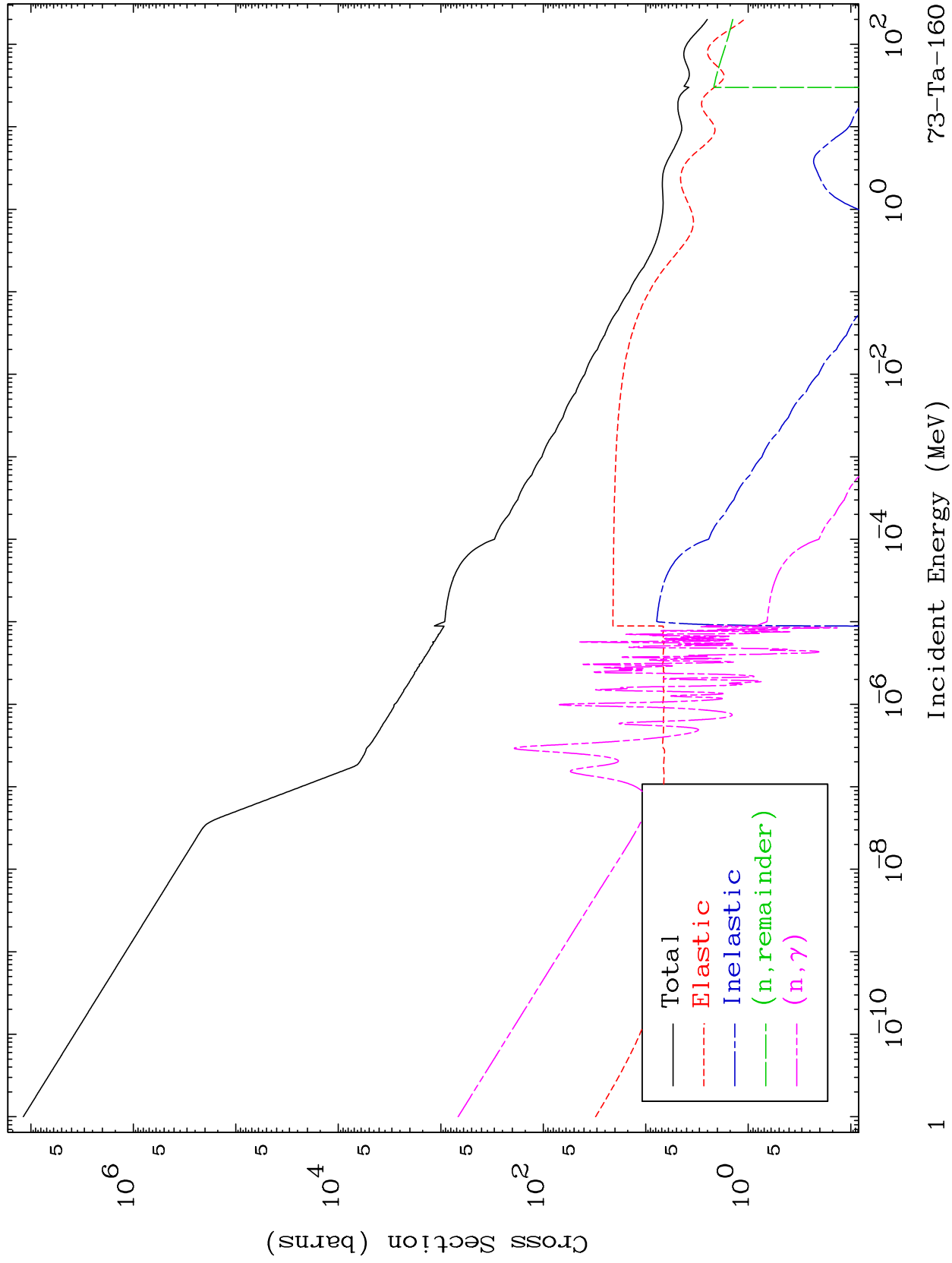
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7266

Major
293 Kelvin Cross Sections

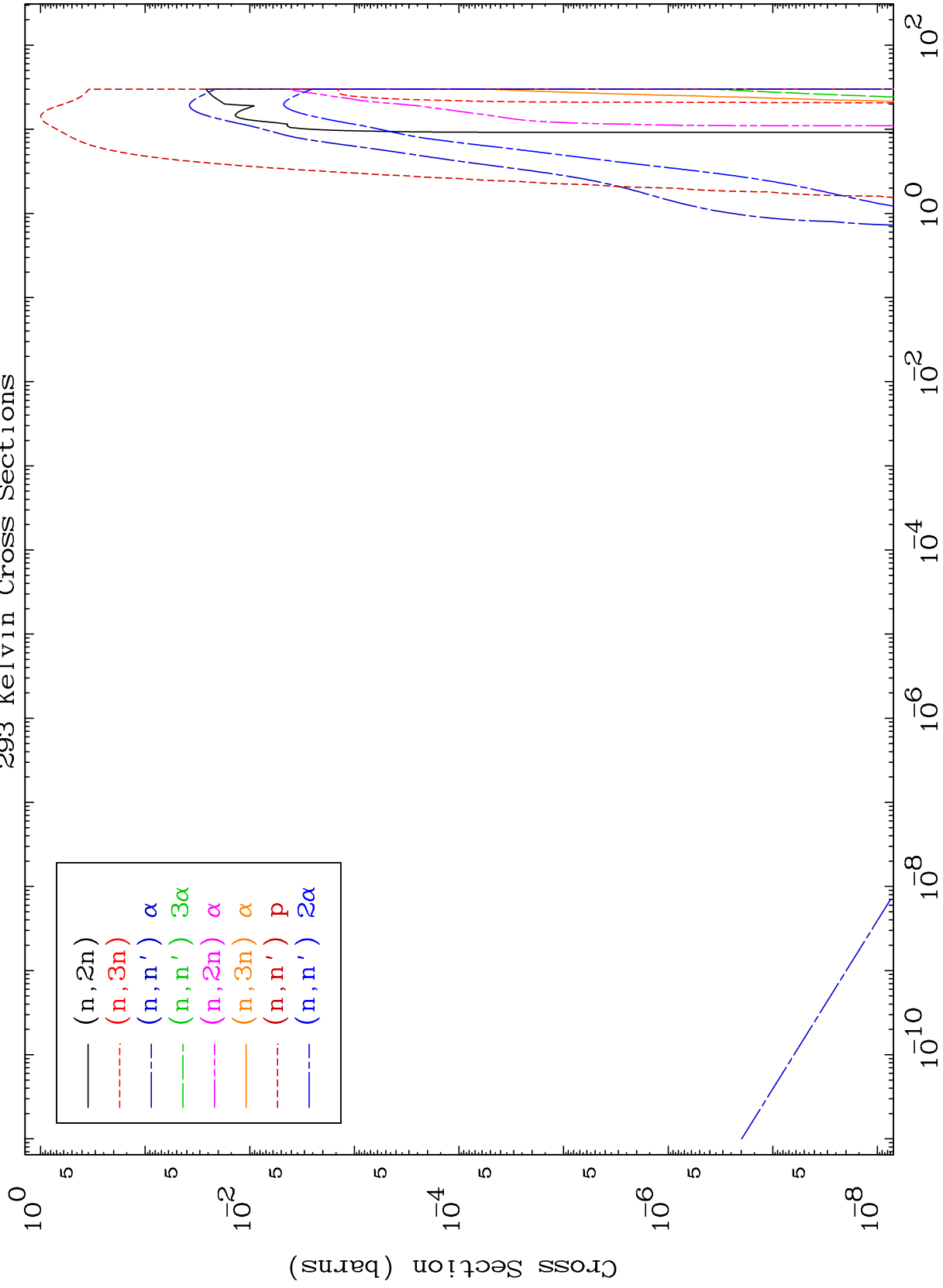
73-Ta-160



MAT 7266

Neutron Production
293 Kelvin Cross Sections

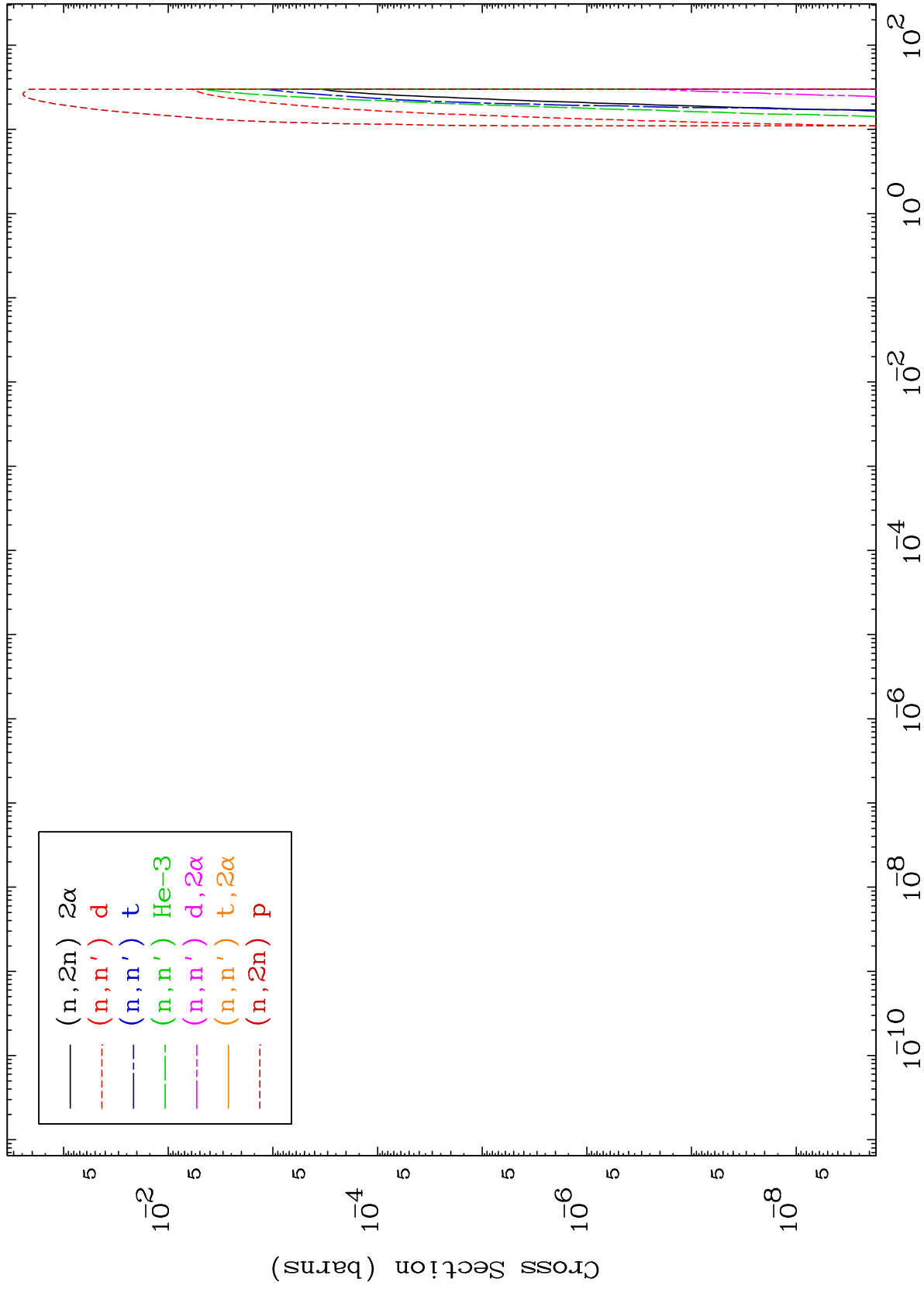
73-Ta-160



MAT 7266

Neutron Production
293 Kelvin Cross Sections

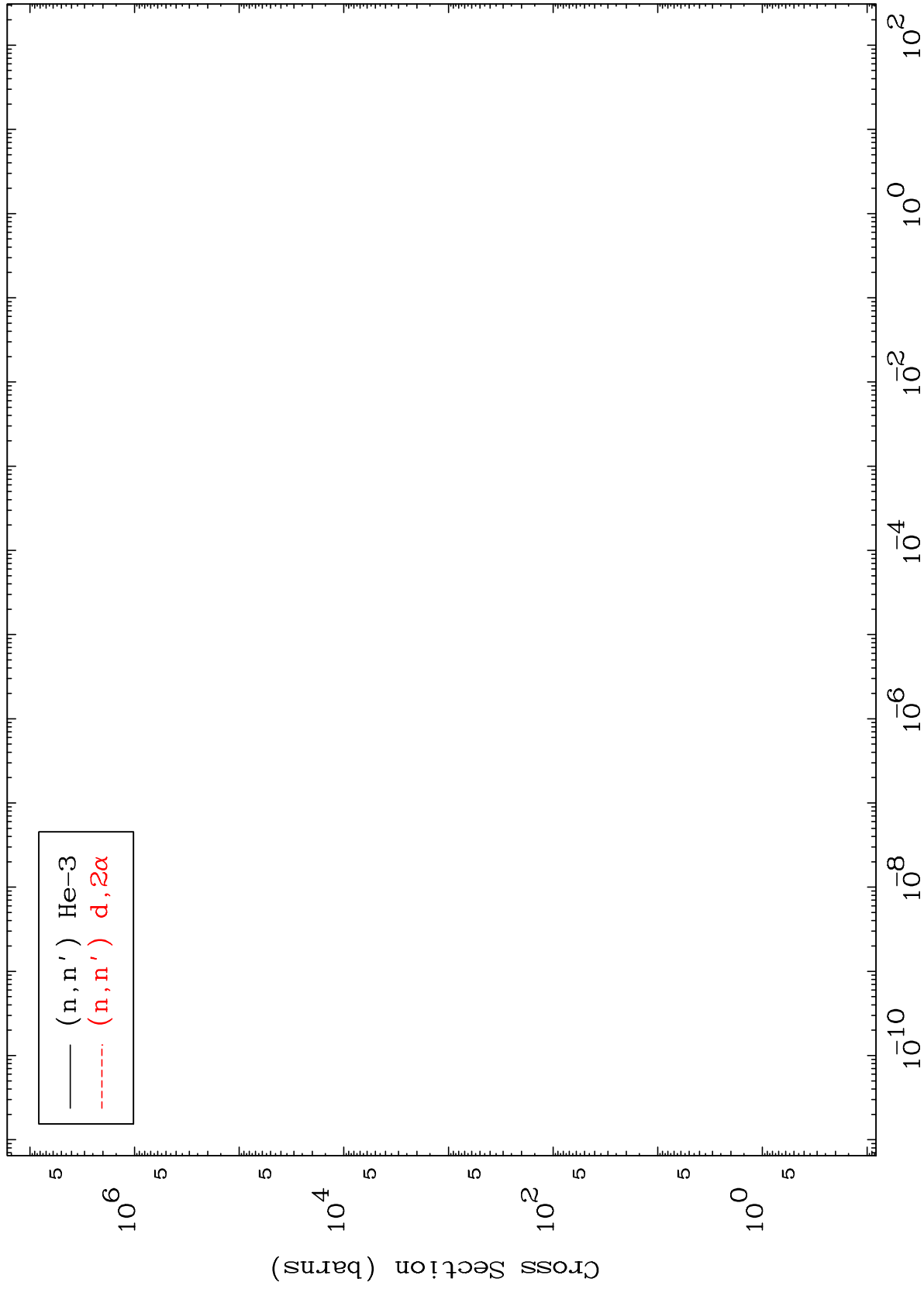
73-Ta-160



MAT 7266

Charged Particle
293 Kelvin Cross Sections

73-Ta-160



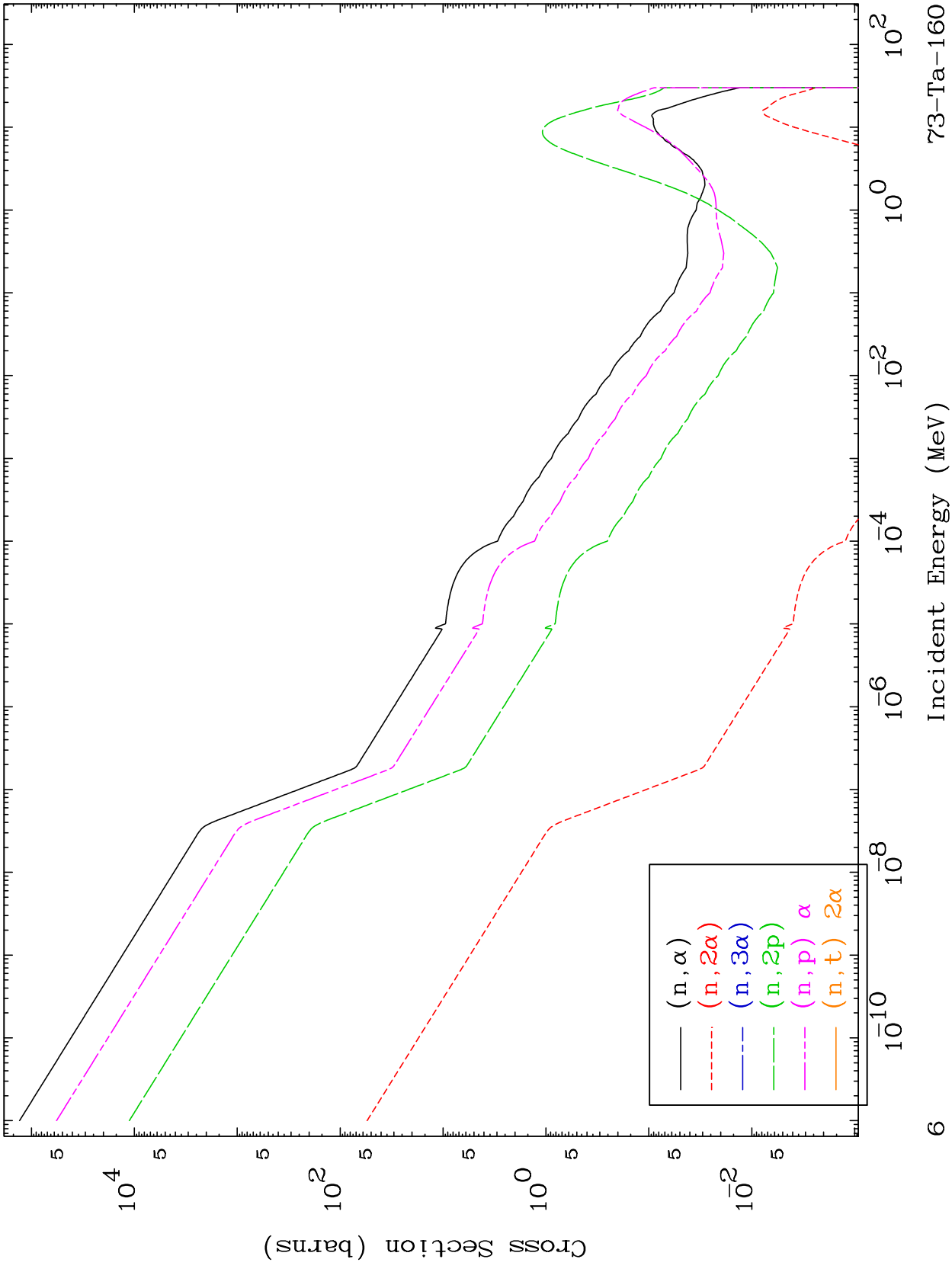
5

73-Ta-160

MAT 7266

Charged Particle
293 Kelvin Cross Sections

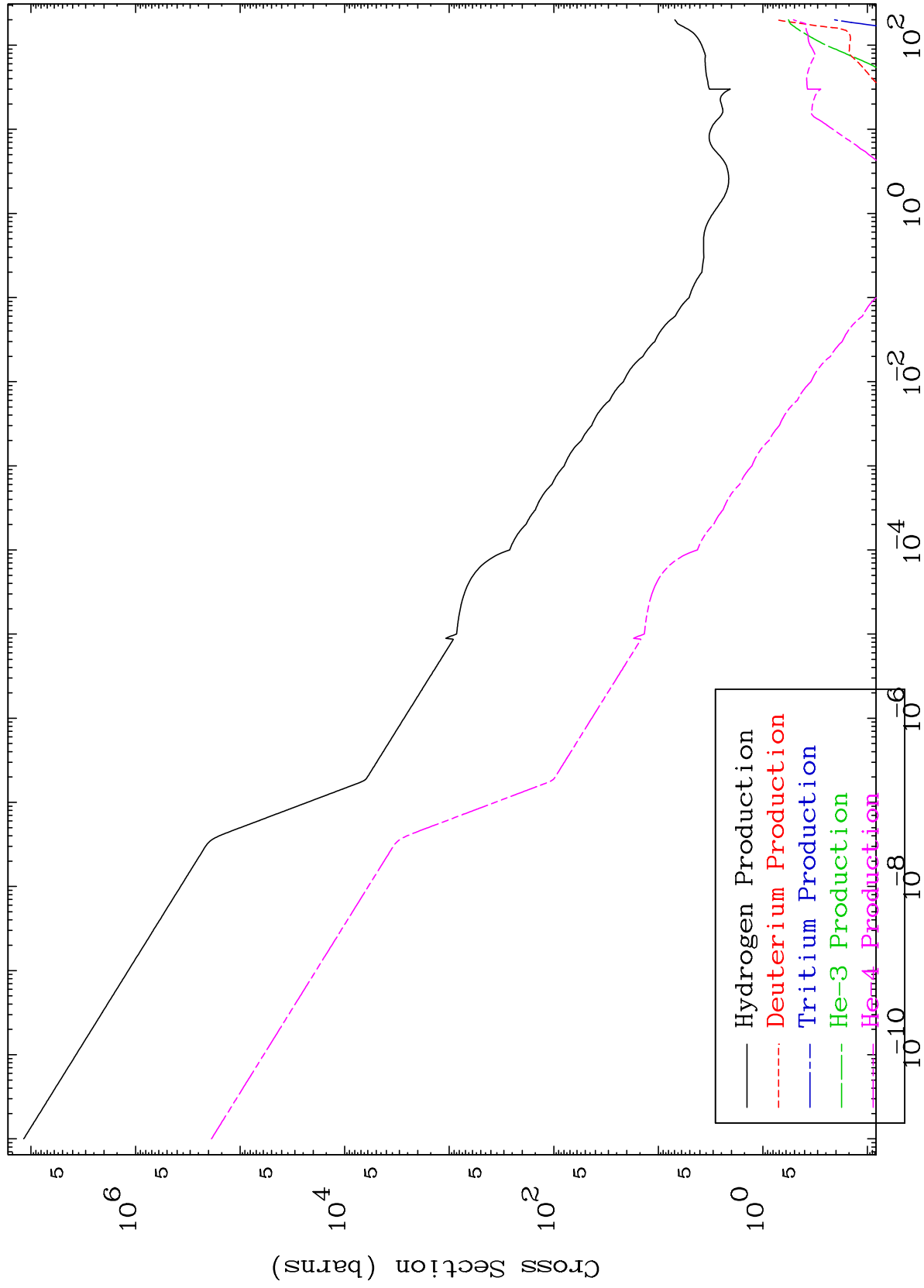
73-Ta-160



MAT 7266

Particle Production
293 Kelvin Cross Sections

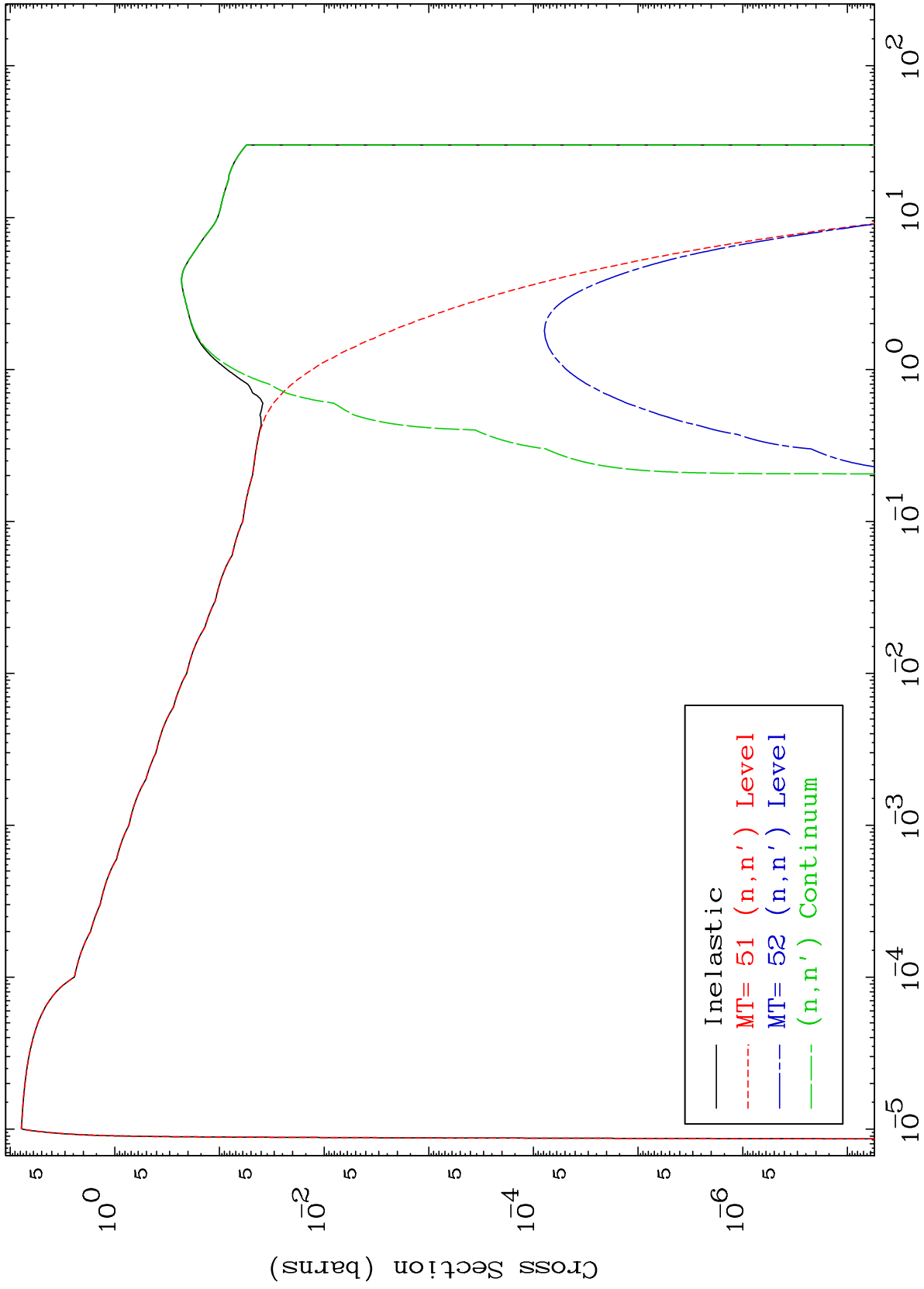
73-Ta-160



MAT 7266

(n,n') Level
293 Kelvin Cross Sections

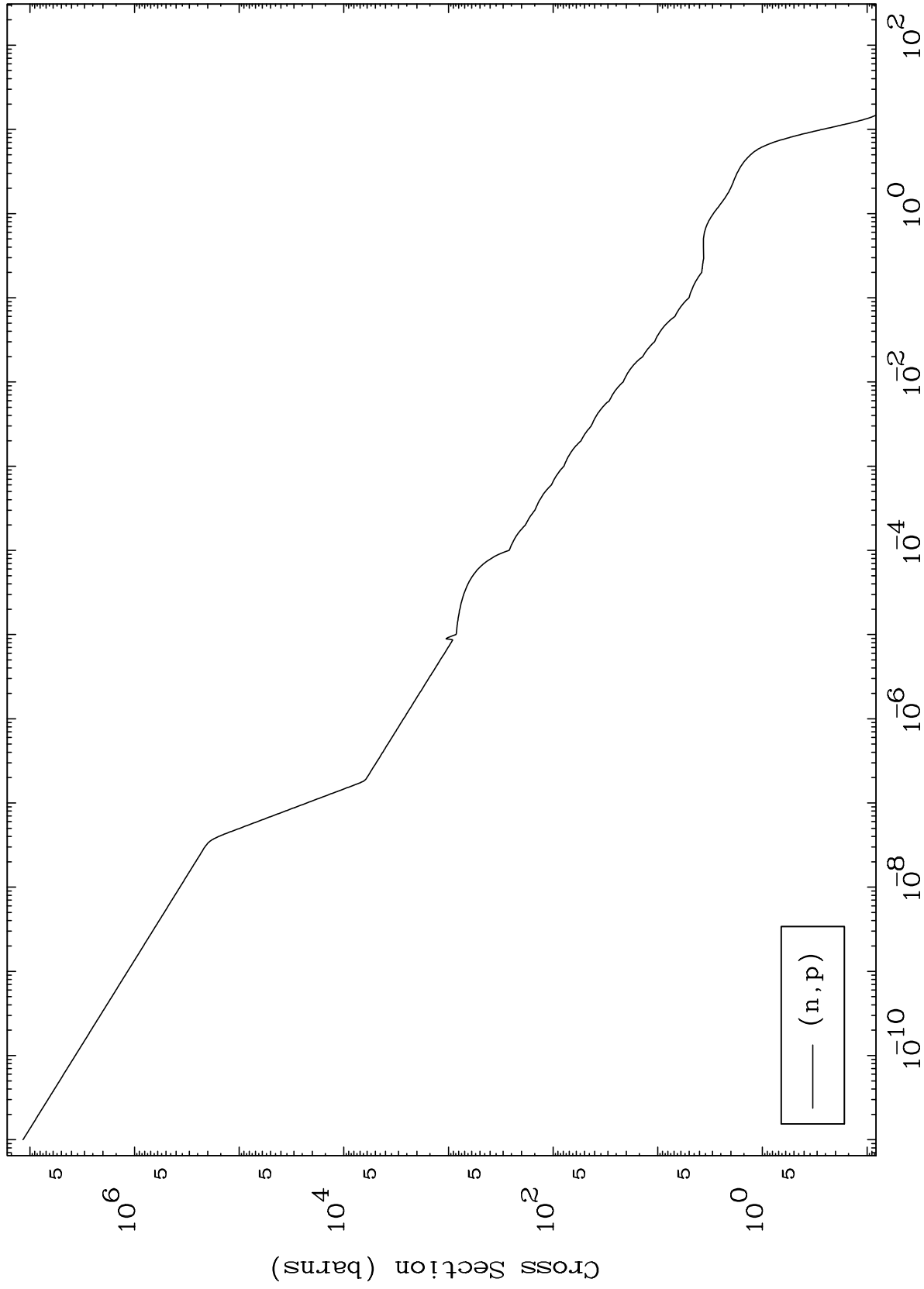
73-Ta-160



MAT 7266

(n,p) Levels
293 Kelvin Cross Sections

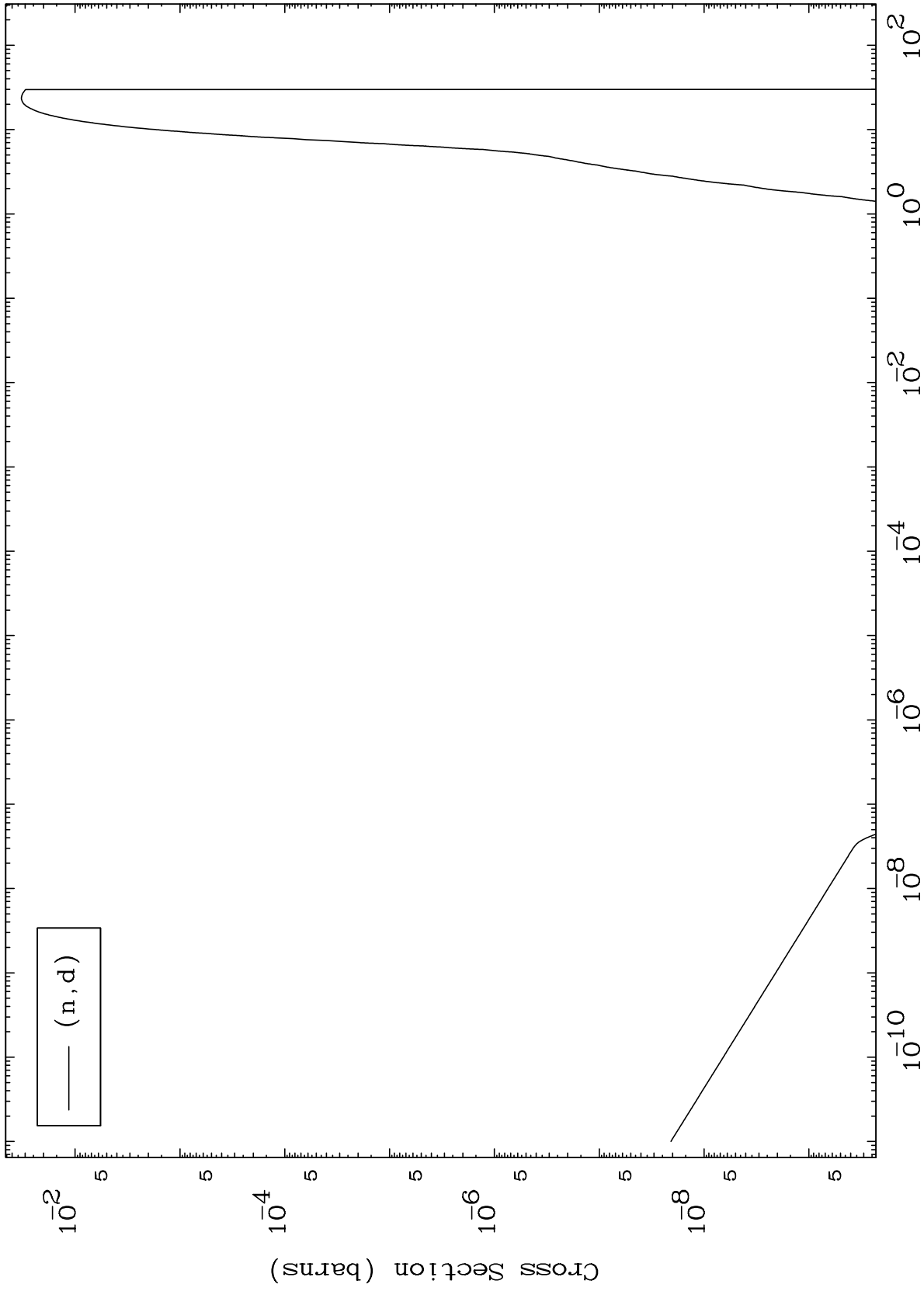
73-Ta-160



MAT 7266

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-160



10

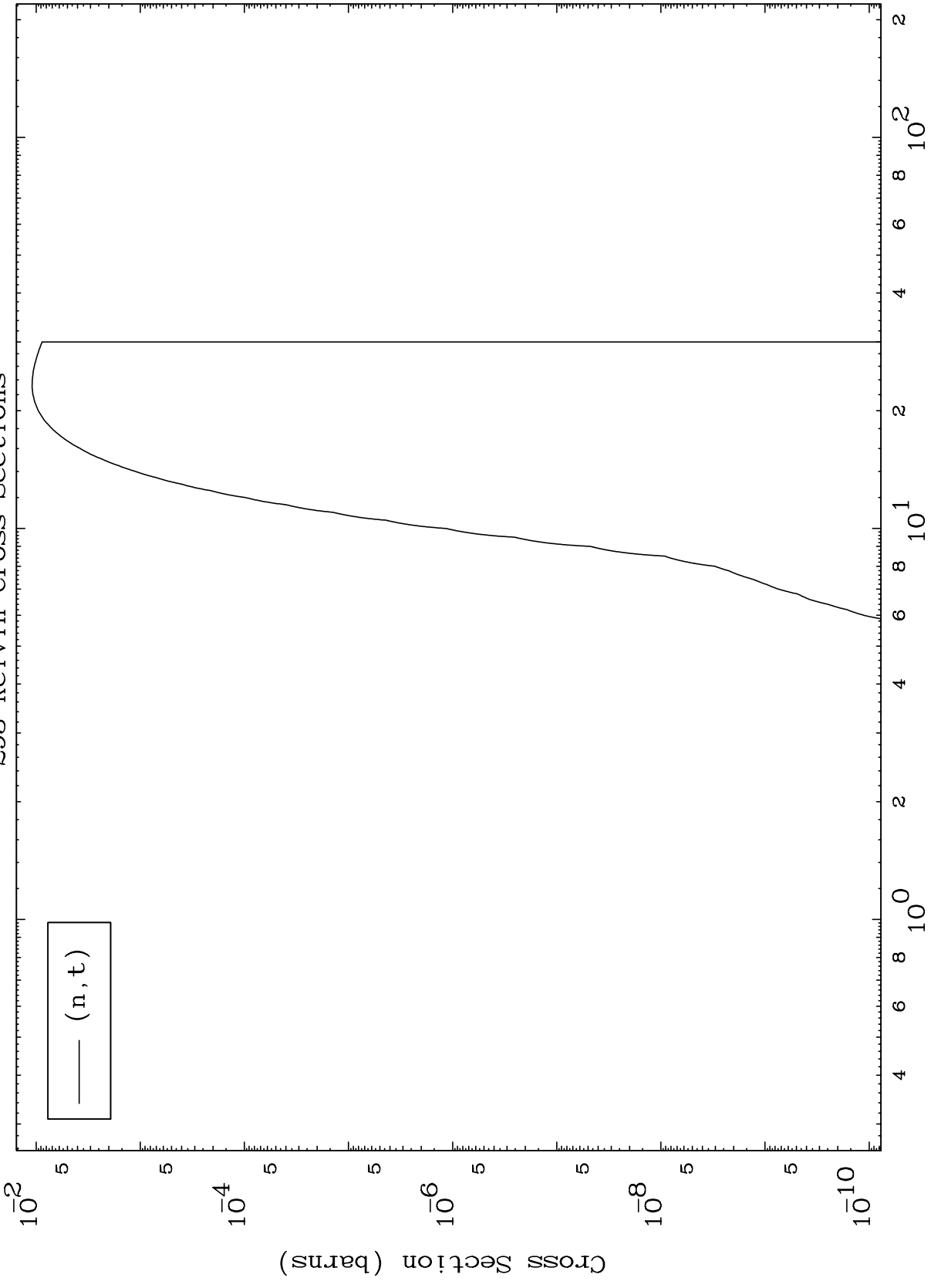
Incident Energy (MeV)

73-Ta-160

MAT 7266

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-160



11

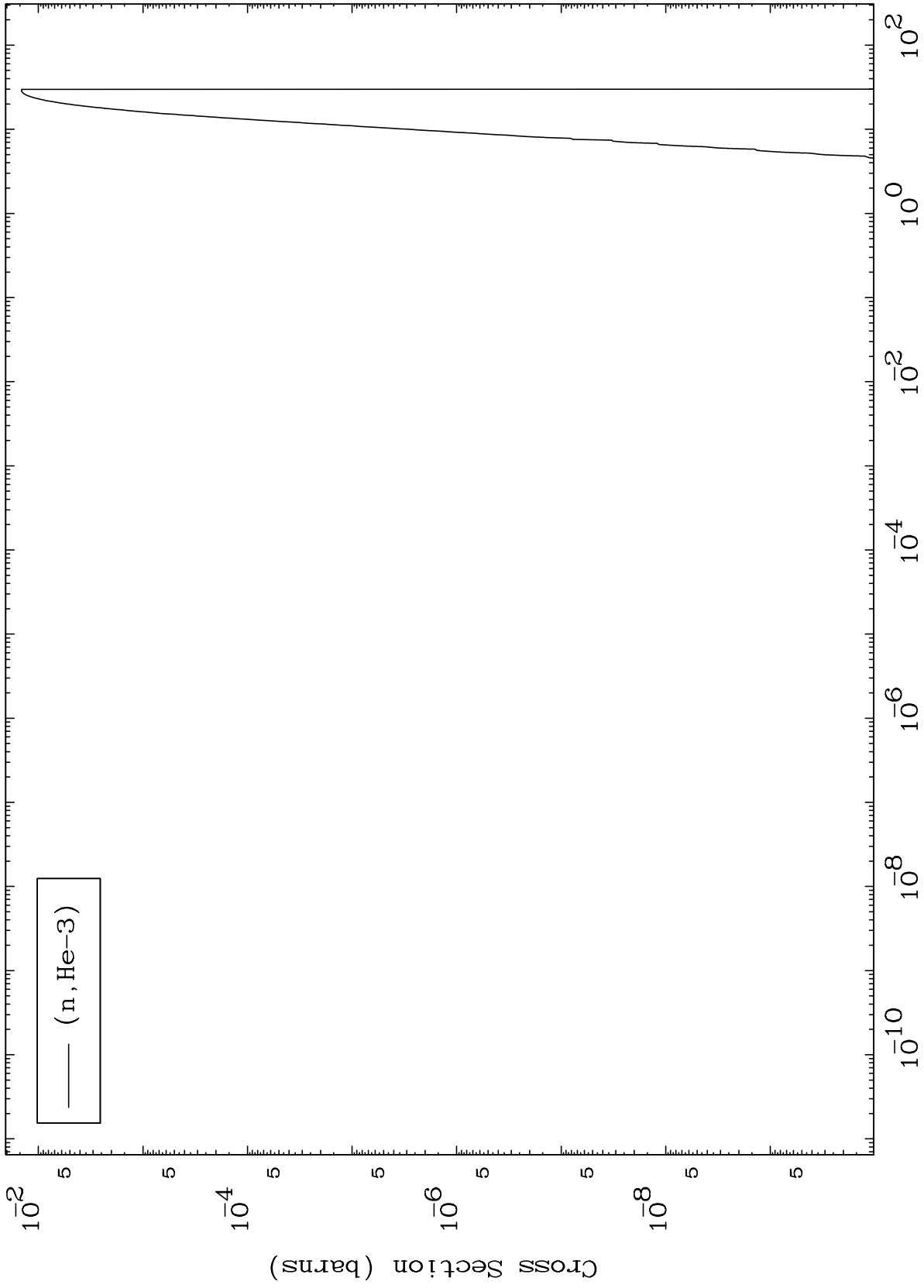
Incident Energy (MeV)

73-Ta-160

MAT 7266

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-160



12

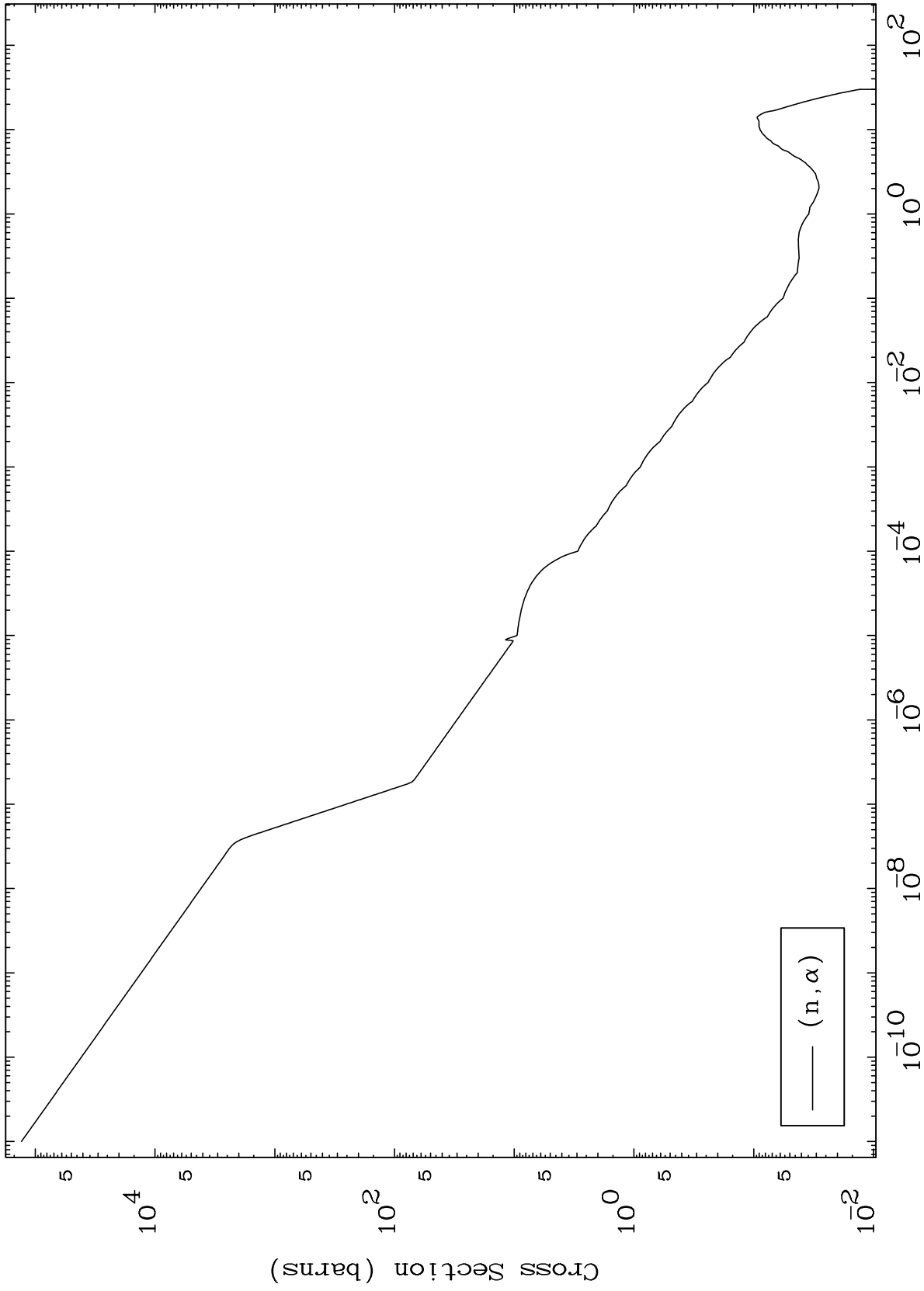
Incident Energy (MeV)

73-Ta-160

MAT 7266

(n,α) Levels
293 Kelvin Cross Sections

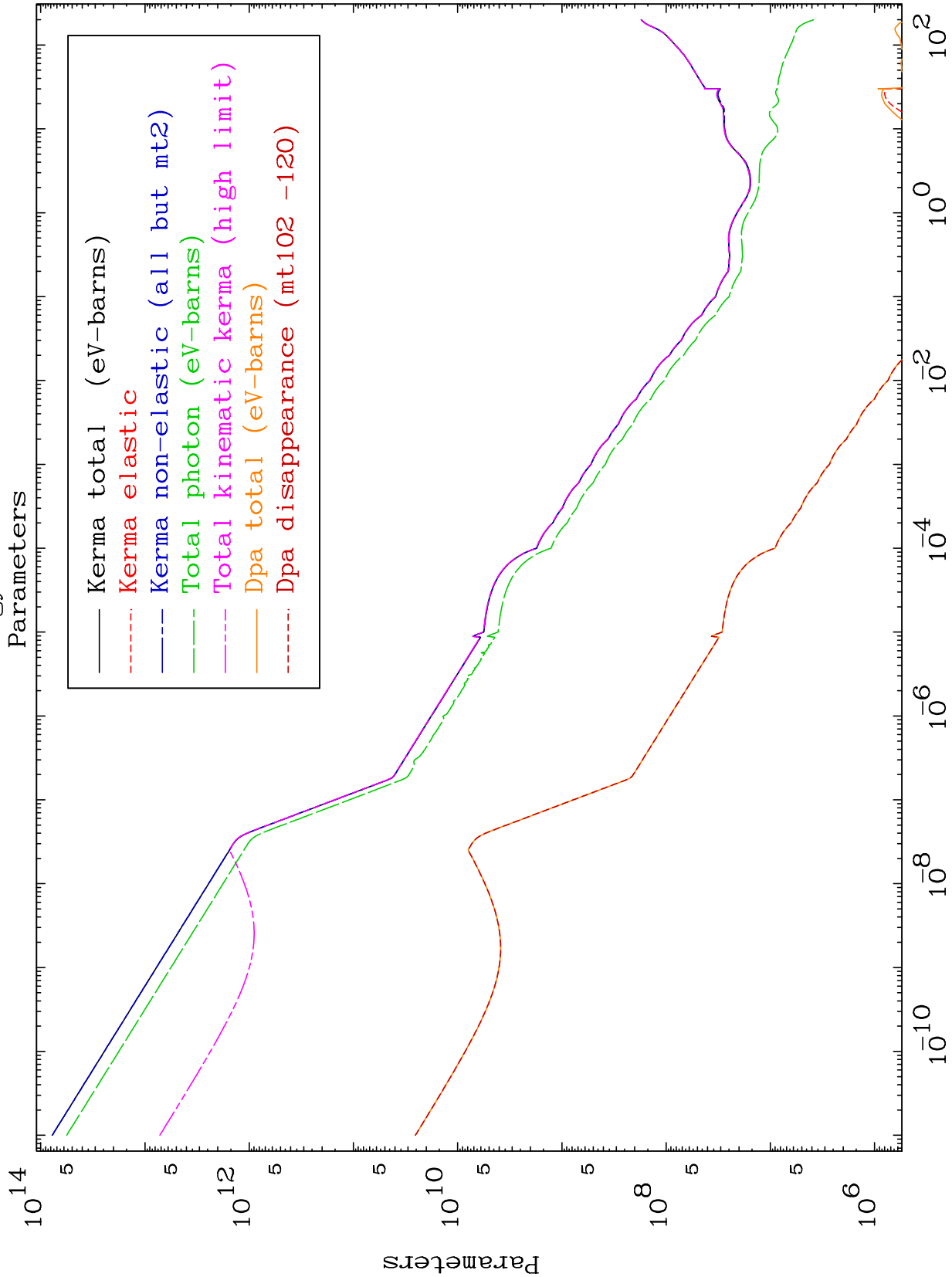
73-Ta-160



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Incident Energy (MeV)

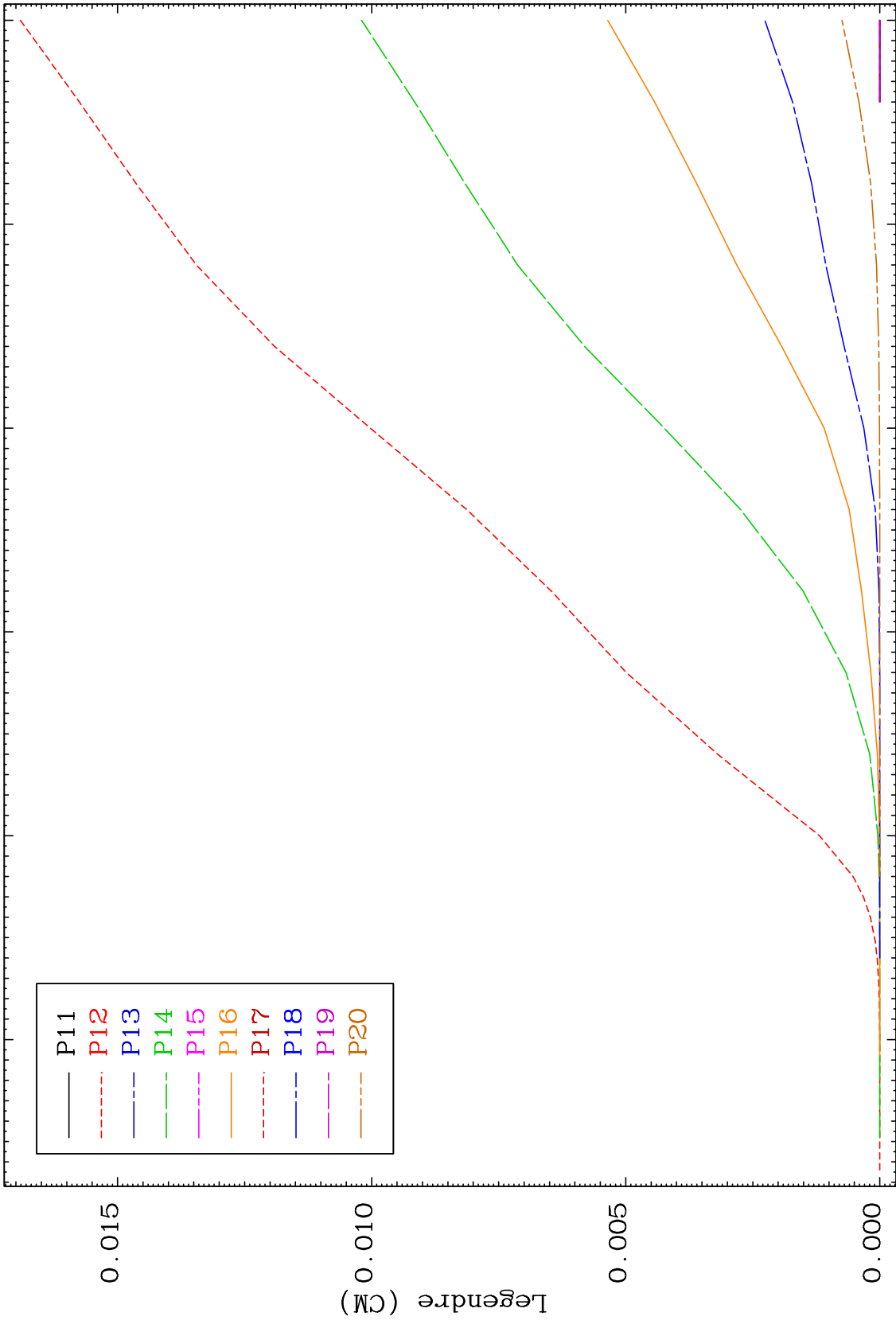
73-Ta-160



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Elastic Legendre Coefficients

73-Ta-160



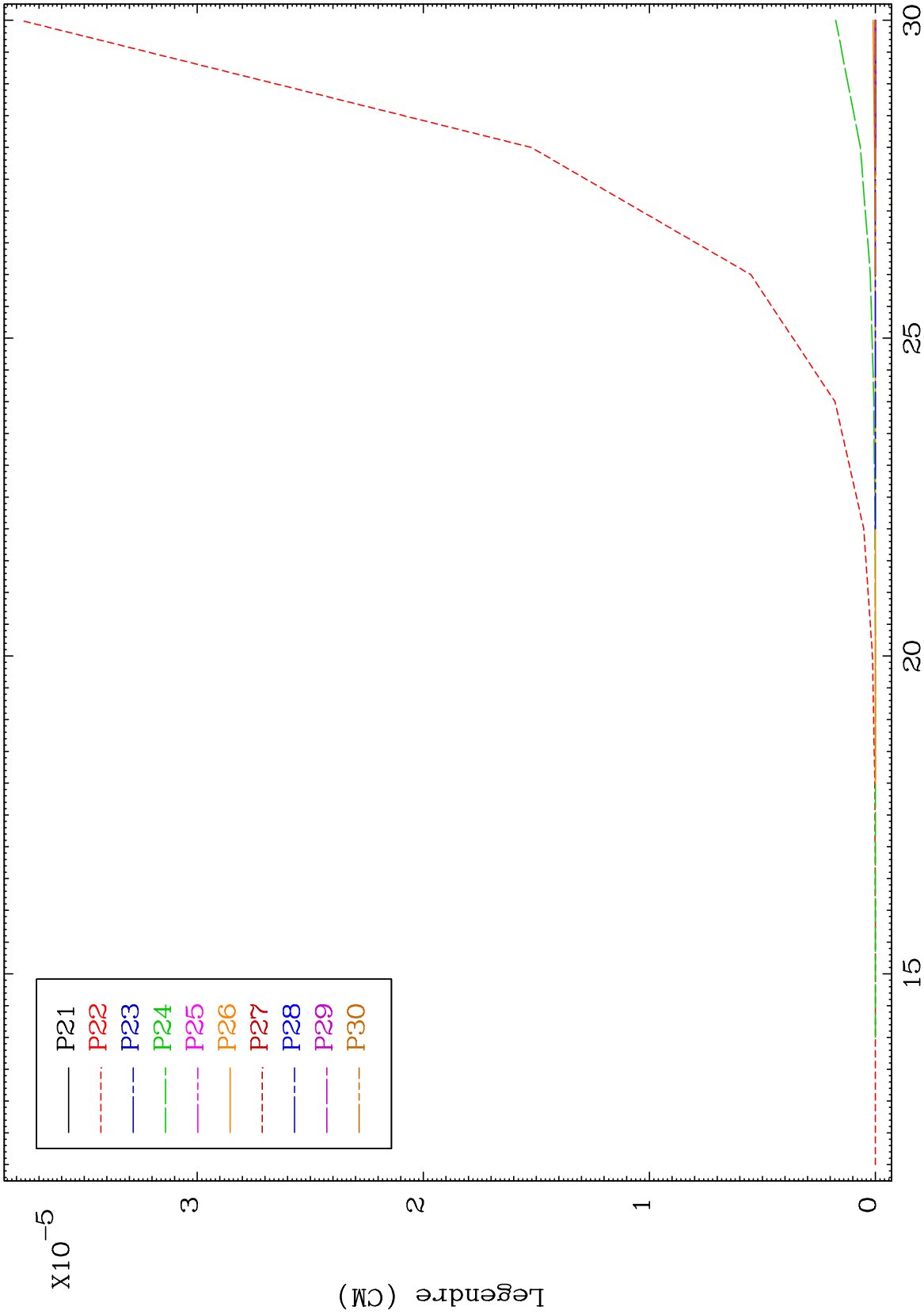
16

73-Ta-160

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Elastic Legendre Coefficients

⁷³Ta-160



17

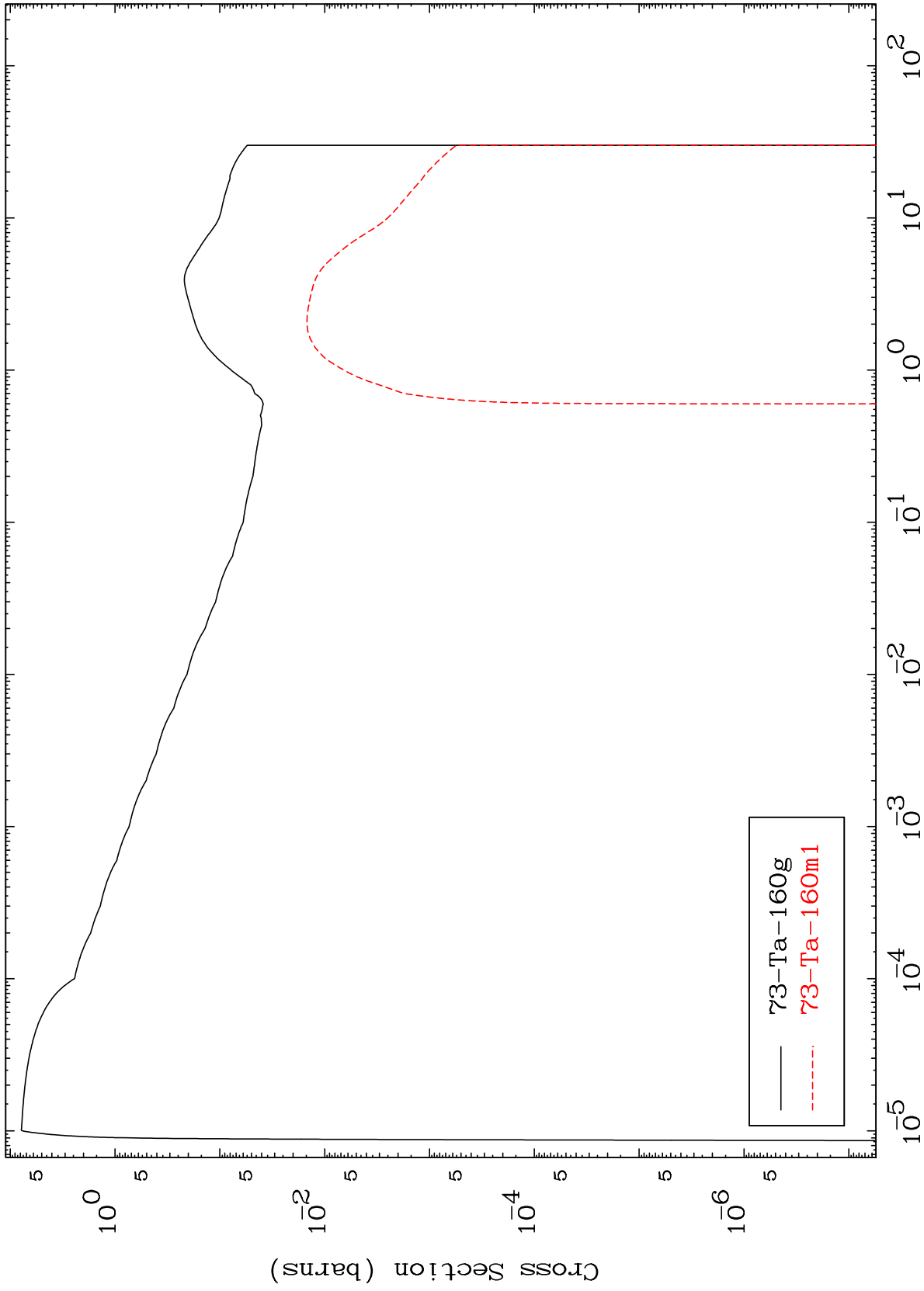
Incident Energy (MeV)

⁷³Ta-160

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Inelastic
Radionuclide Production Cross Section

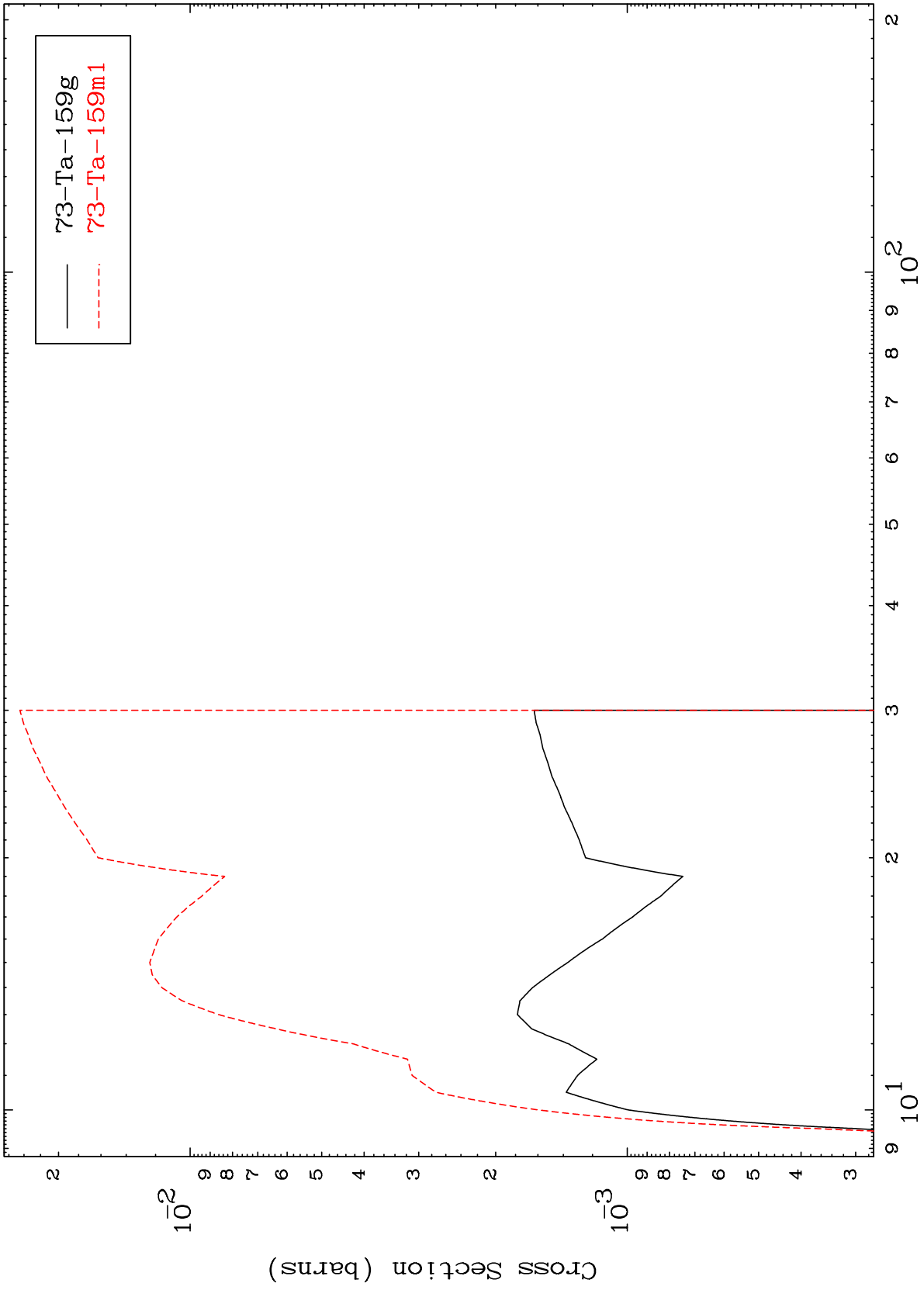
⁷³Ta-160



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⁷³Ta-160

(n,2n)
Radionuclide Production Cross Section



Incident Energy (MeV)

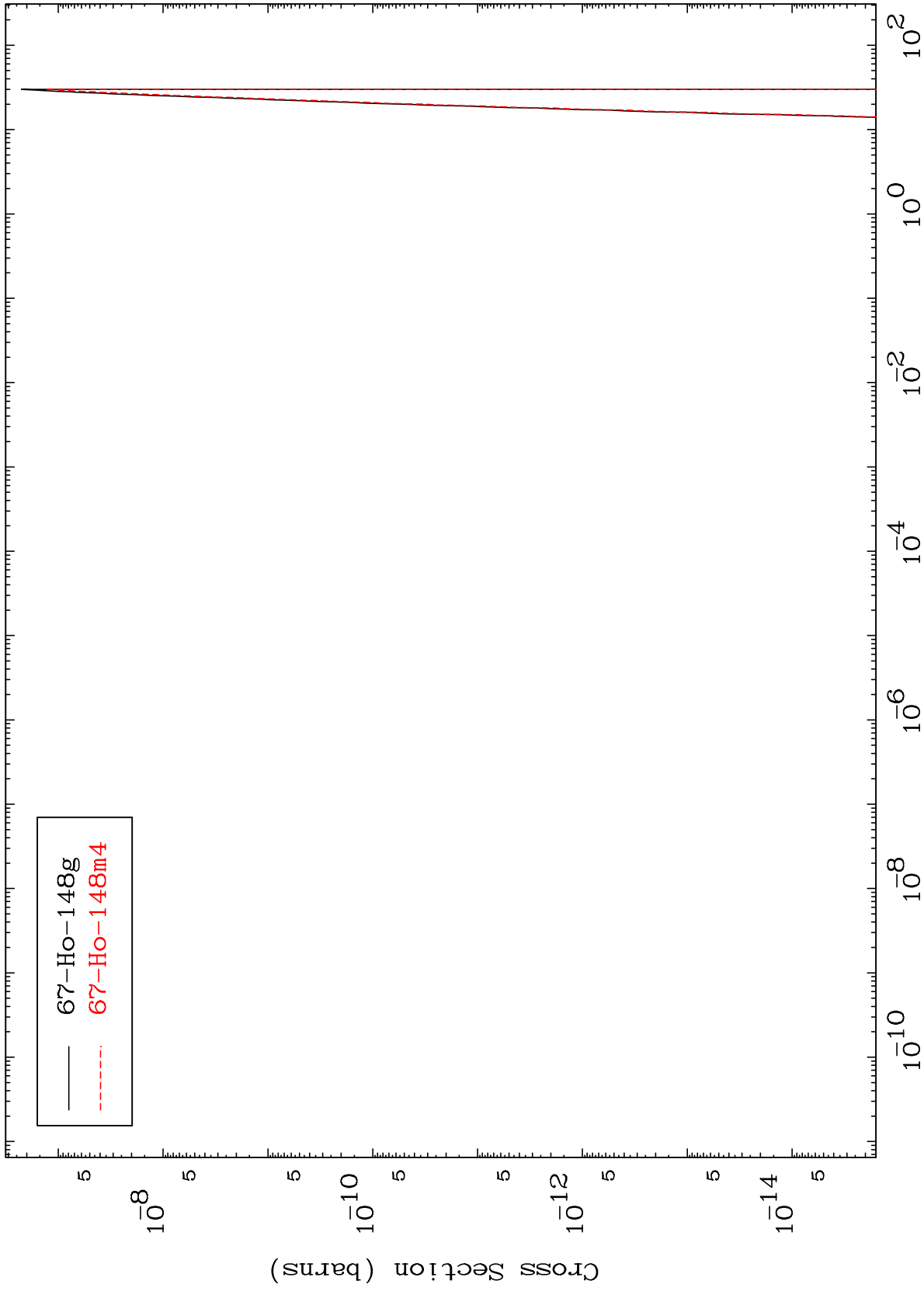
⁷³Ta-160

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(n,n') 3 α

73-Ta-160

Radionuclide Production Cross Section



20

Incident Energy (MeV)

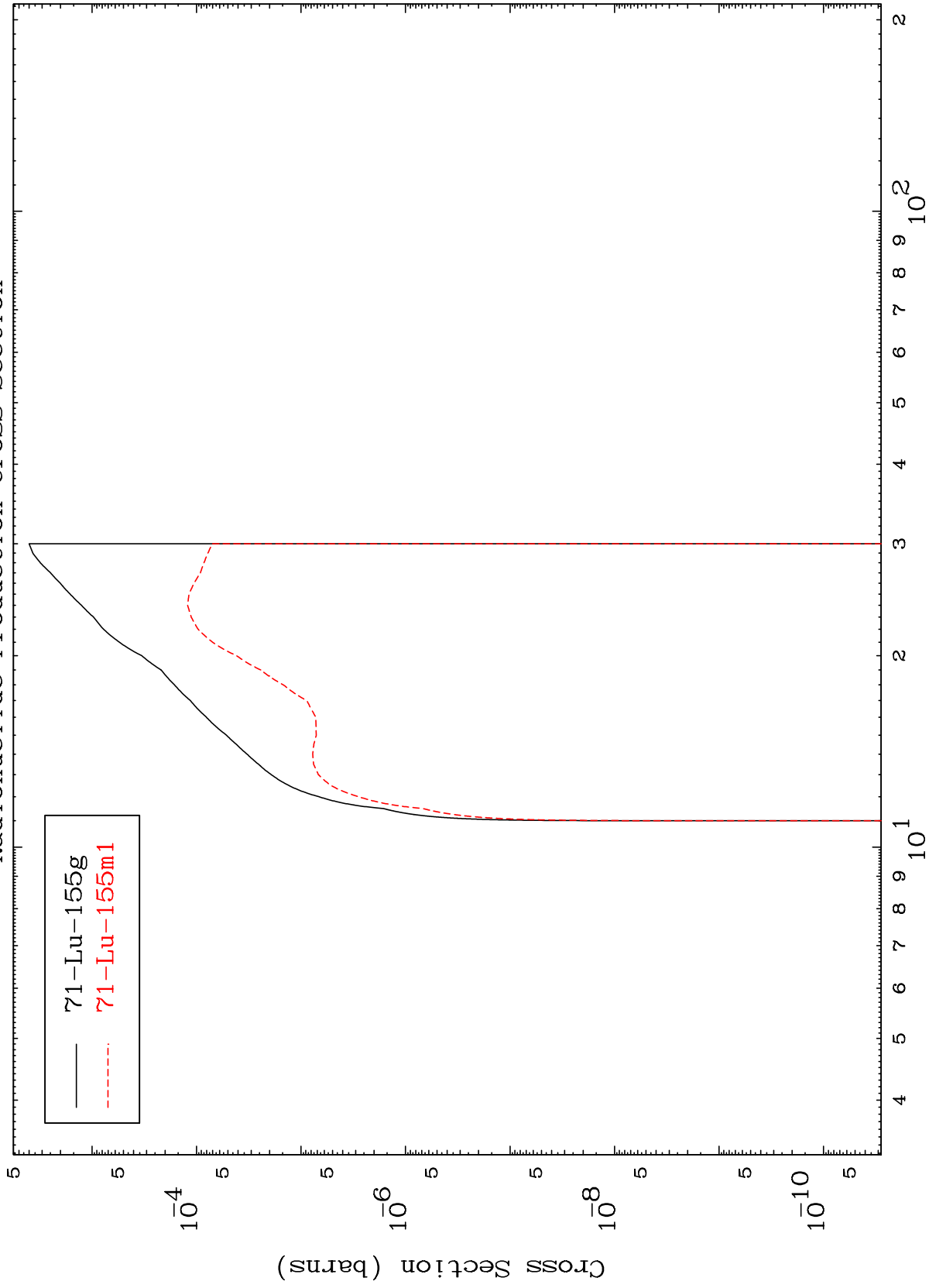
73-Ta-160

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$(n, 2n) \alpha$

$^{73}\text{Ta-160}$

Radionuclide Production Cross Section



21

Incident Energy (MeV)

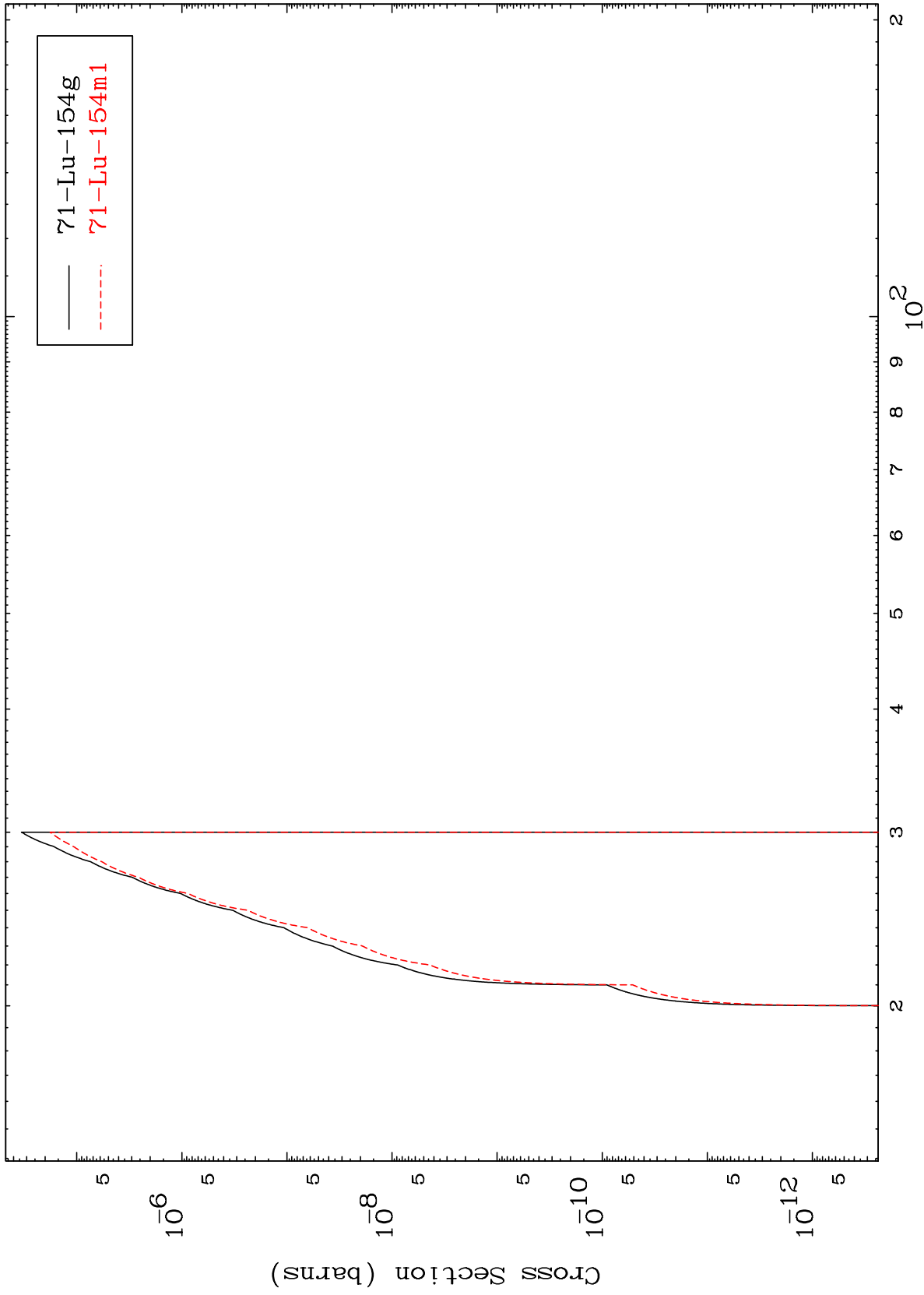
$^{73}\text{Ta-160}$

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(n,3n) α

⁷³Ta-160

Radionuclide Production Cross Section



22

Incident Energy (MeV)

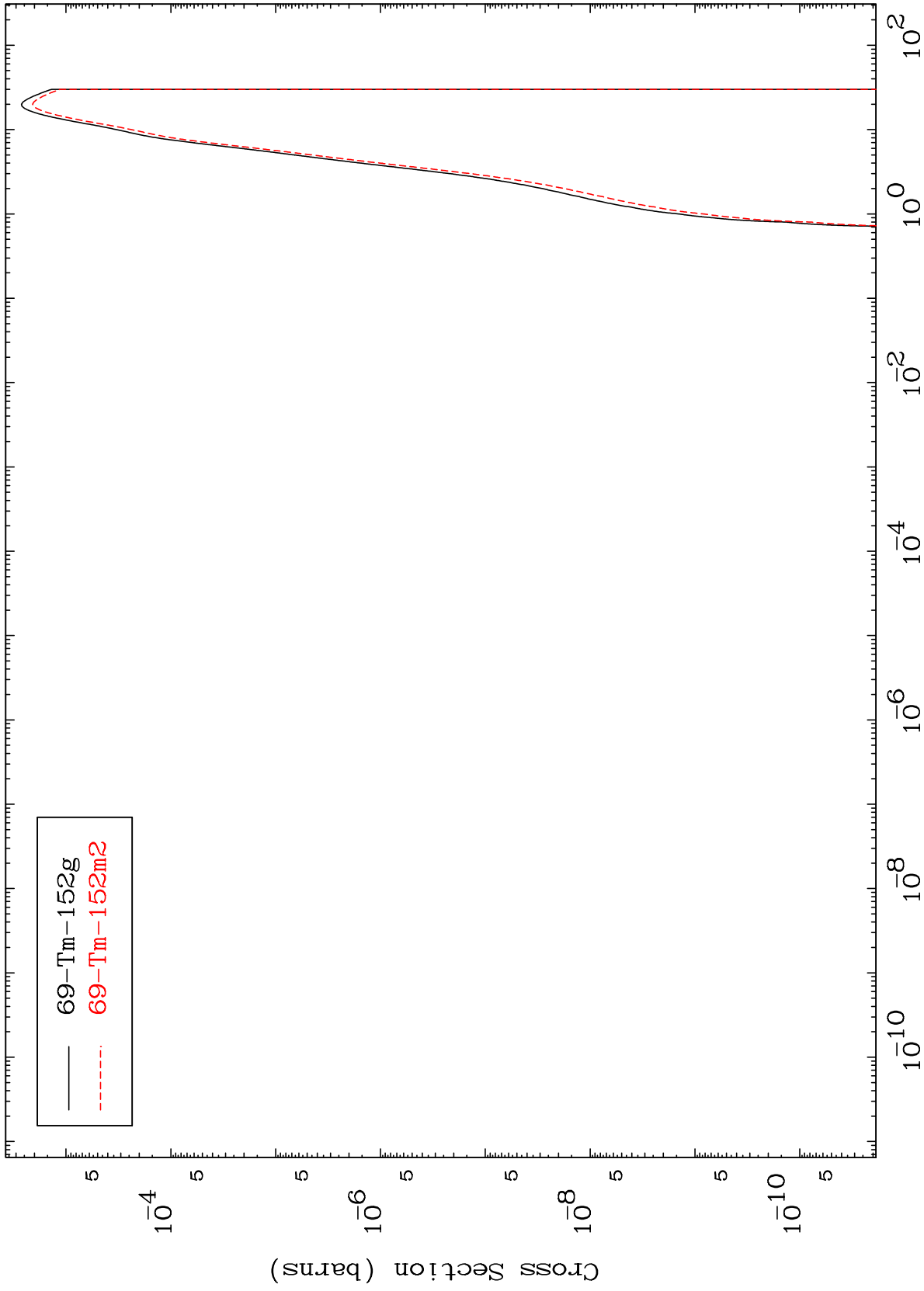
⁷³Ta-160

MAT 7266

(n,n') 2 α

73-Ta-160

Radionuclide Production Cross Section



23

Incident Energy (MeV)

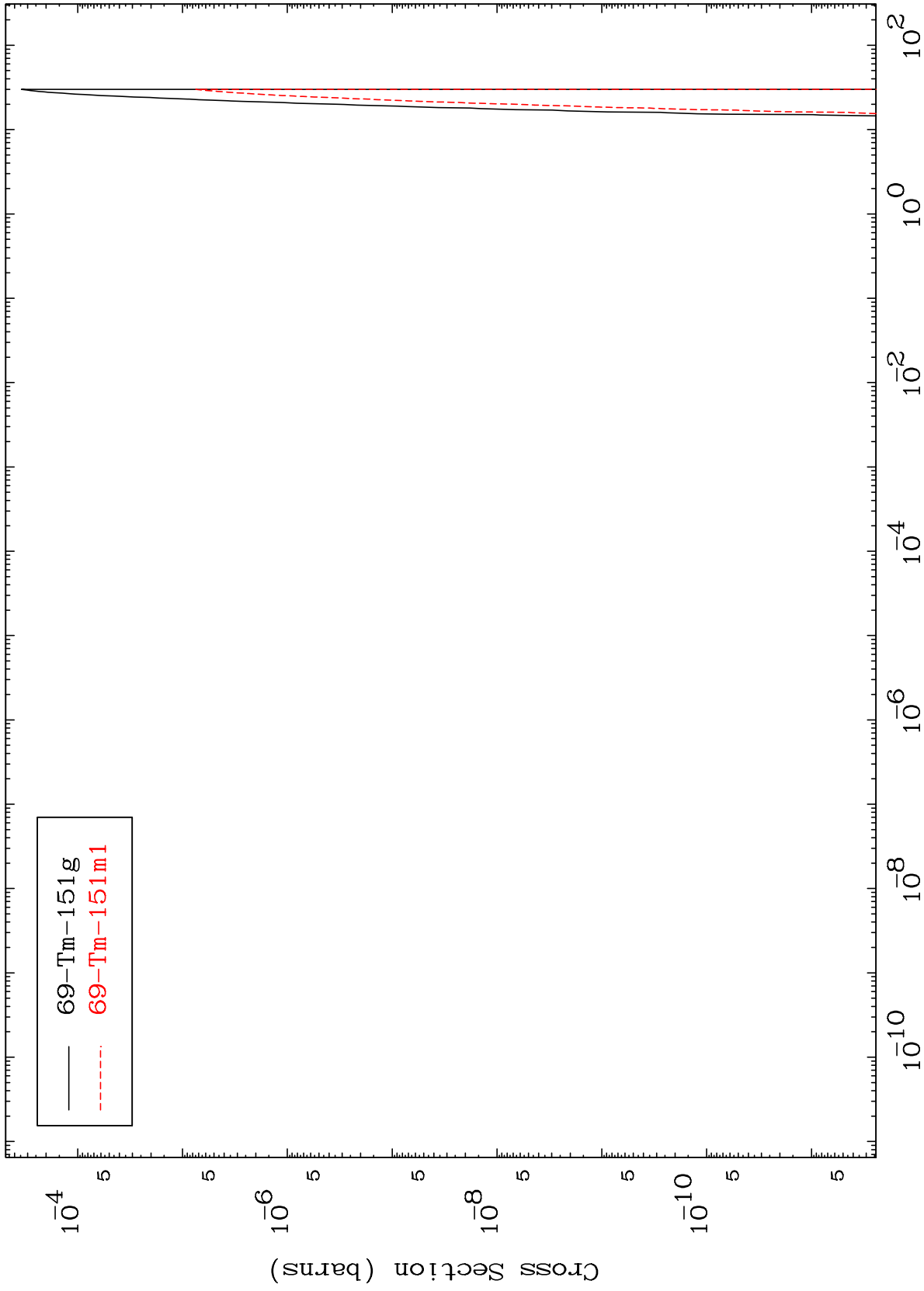
73-Ta-160

MAT 7266

(n,2n) 2 α

73-Ta-160

Radionuclide Production Cross Section



24

Incident Energy (MeV)

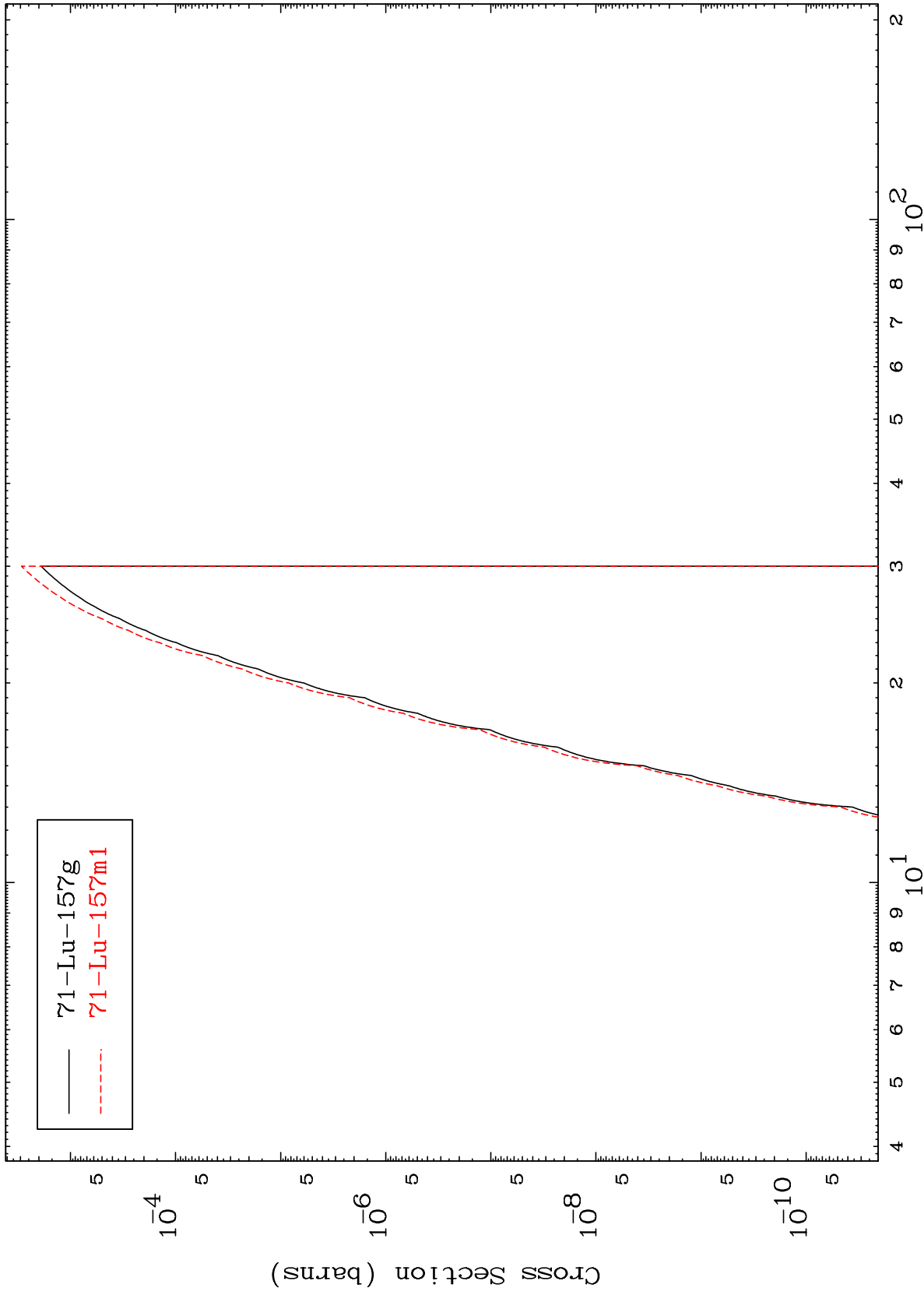
73-Ta-160

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(n, n') He-3

73-Ta-160

Radionuclide Production Cross Section



25

Incident Energy (MeV)

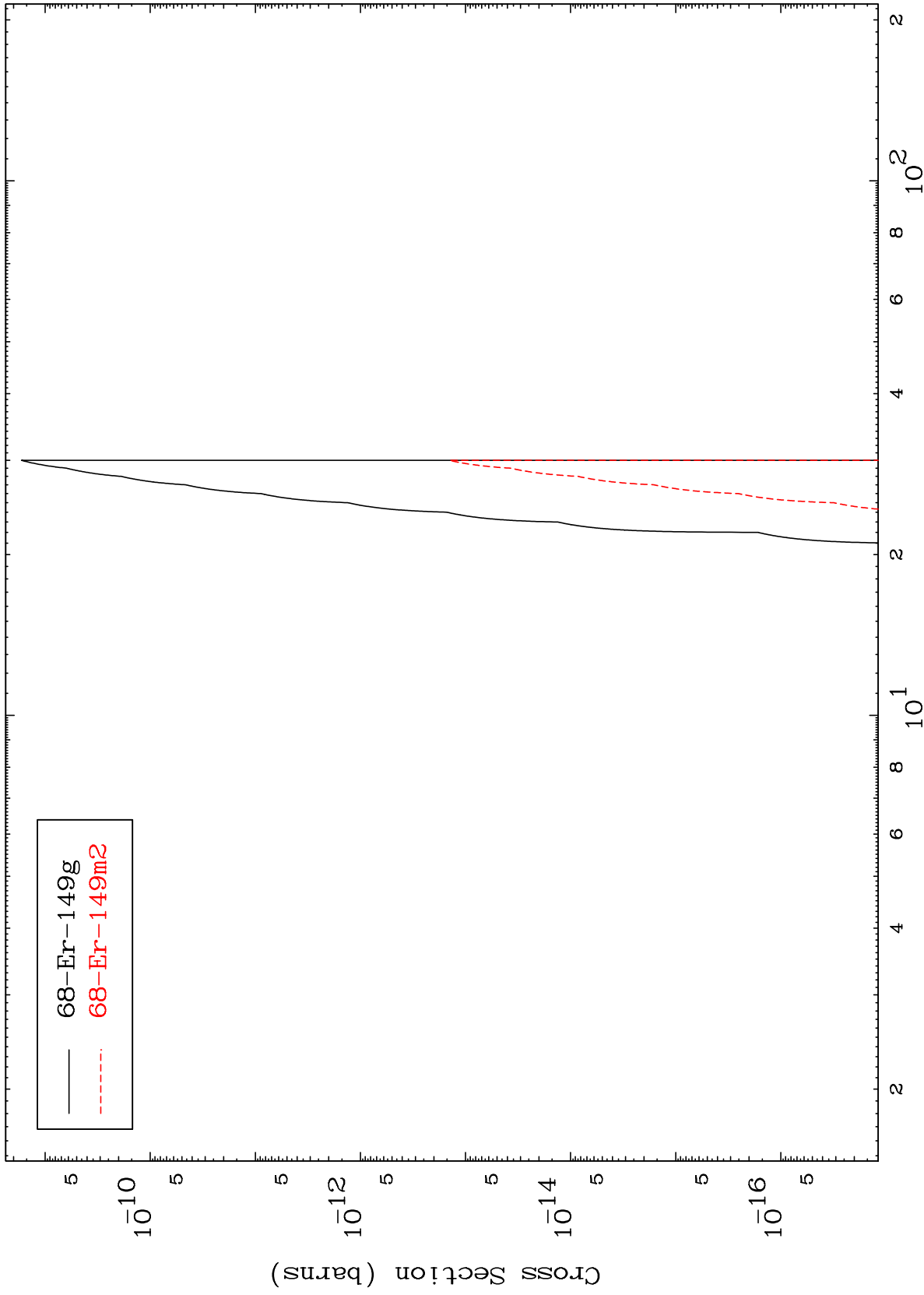
73-Ta-160

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(n, n') t, 2α

73-Ta-160

Radionuclide Production Cross Section



26

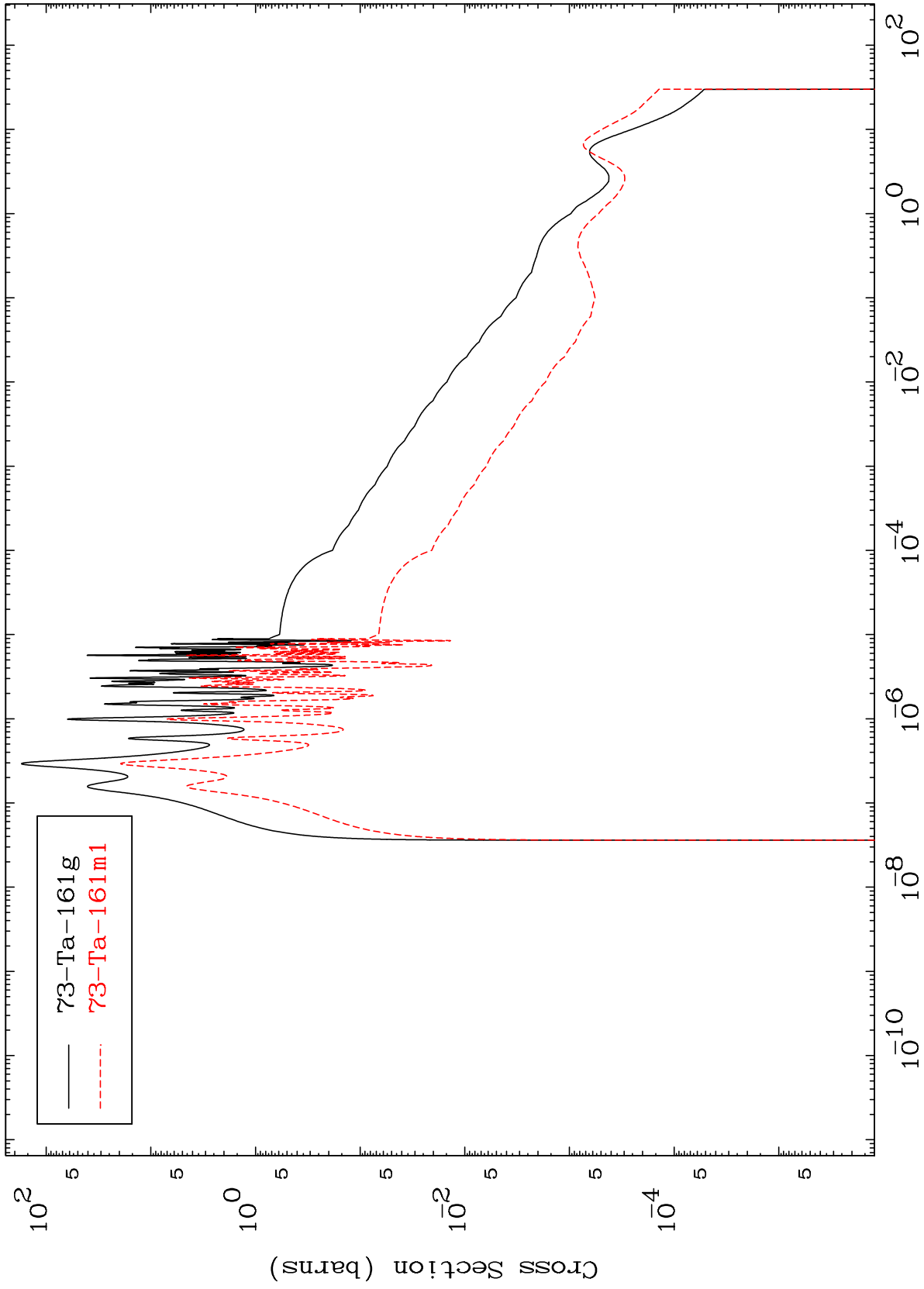
Incident Energy (MeV)

73-Ta-160

MAT 7266

⁷³Ta-160

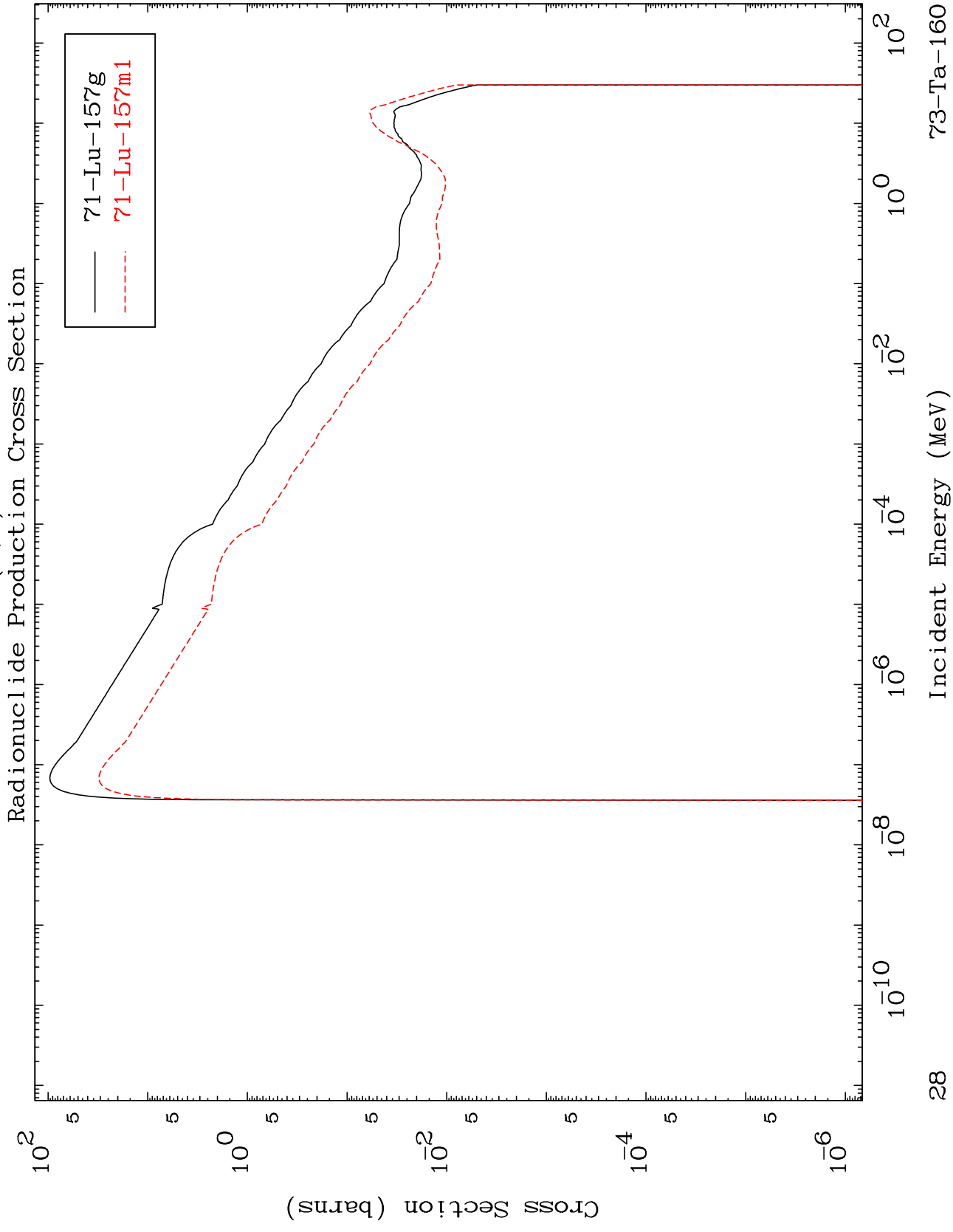
Radionuclide Production Cross Section (n,γ)



⁷³Ta-160

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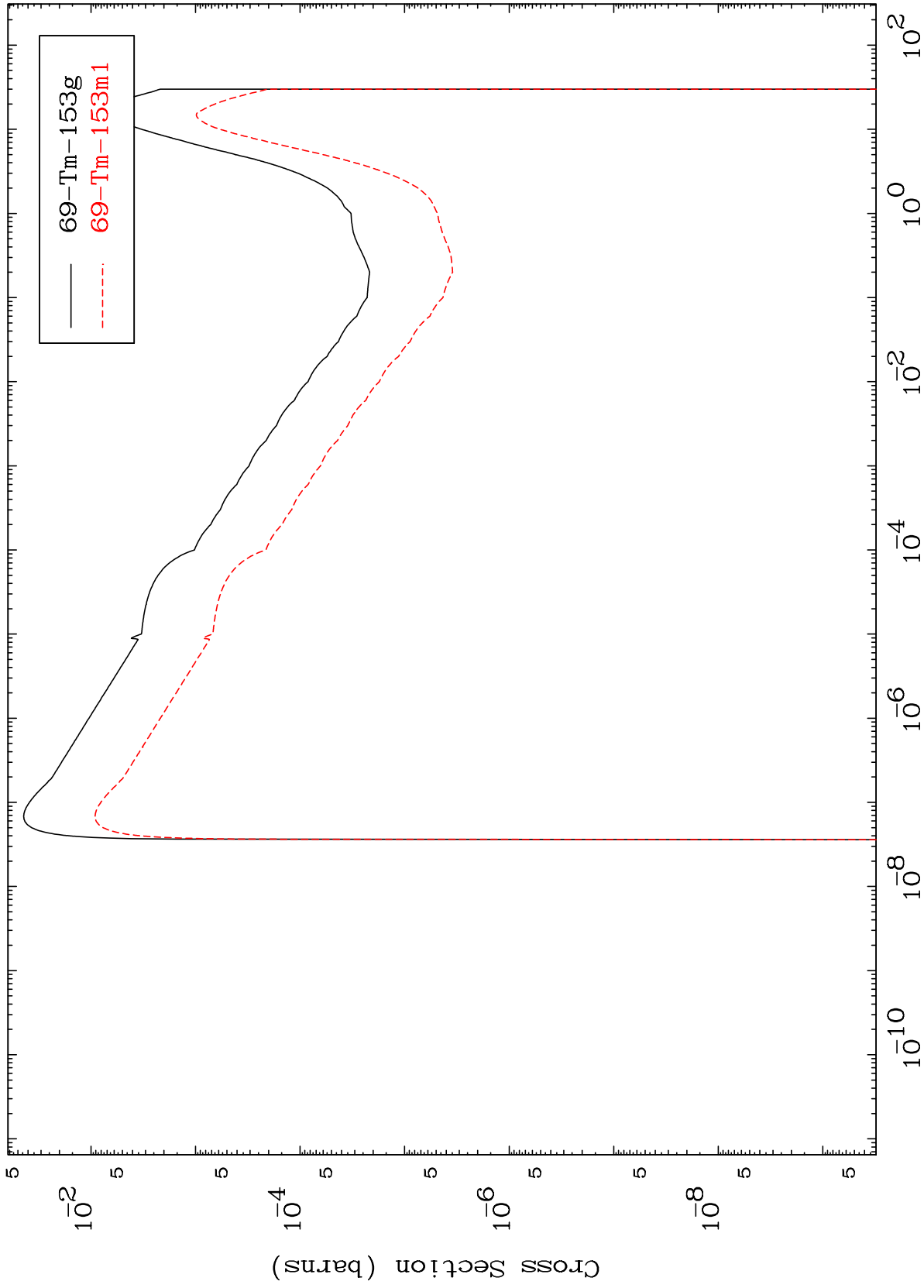
73-Ta-160



MAT 7266

73-Ta-160

(n,2α)
Radionuclide Production Cross Section



29

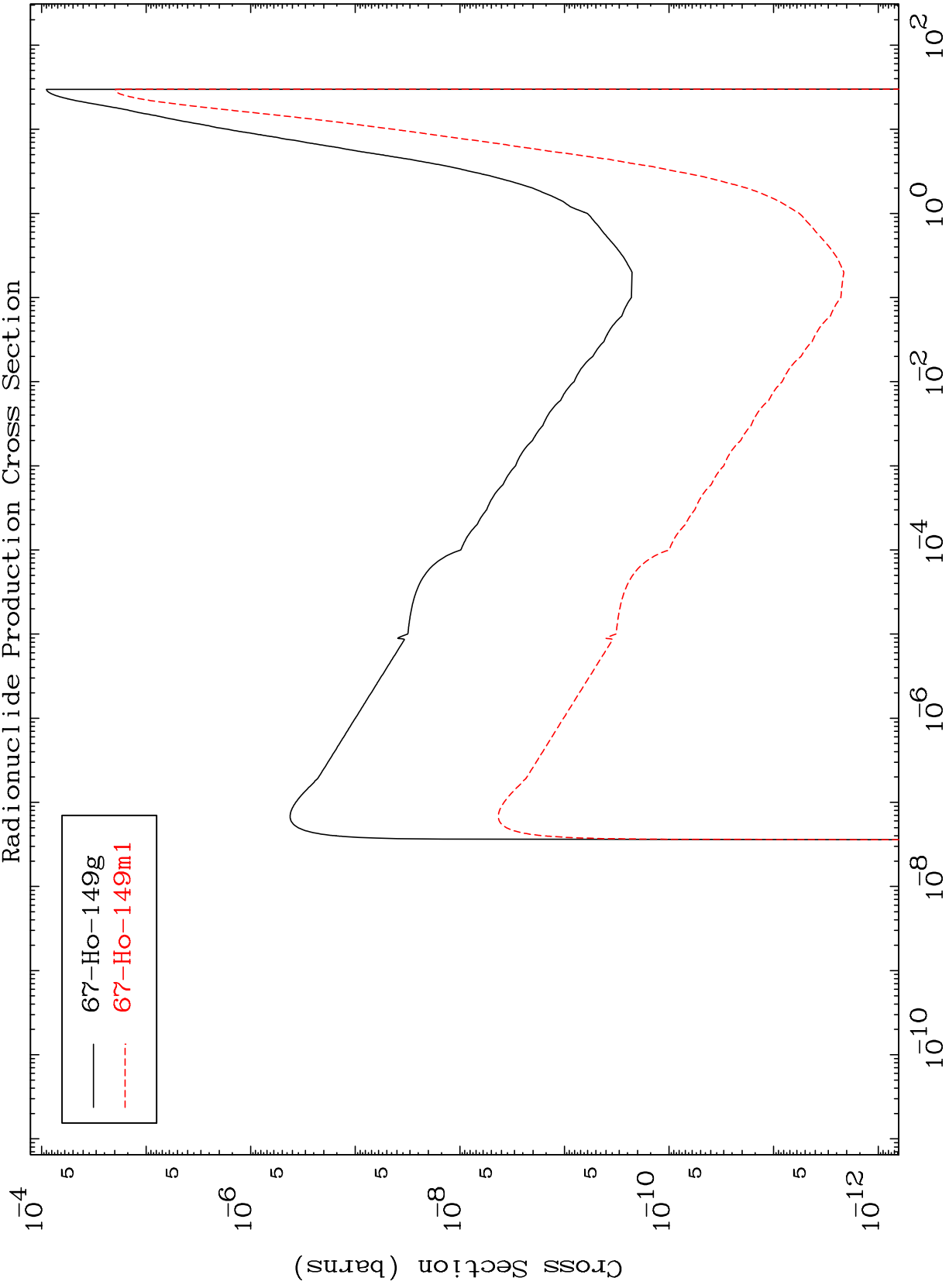
73-Ta-160

MAT 7266

(n,3α)

⁷³Ta-160

Radionuclide Production Cross Section



30

Incident Energy (MeV)

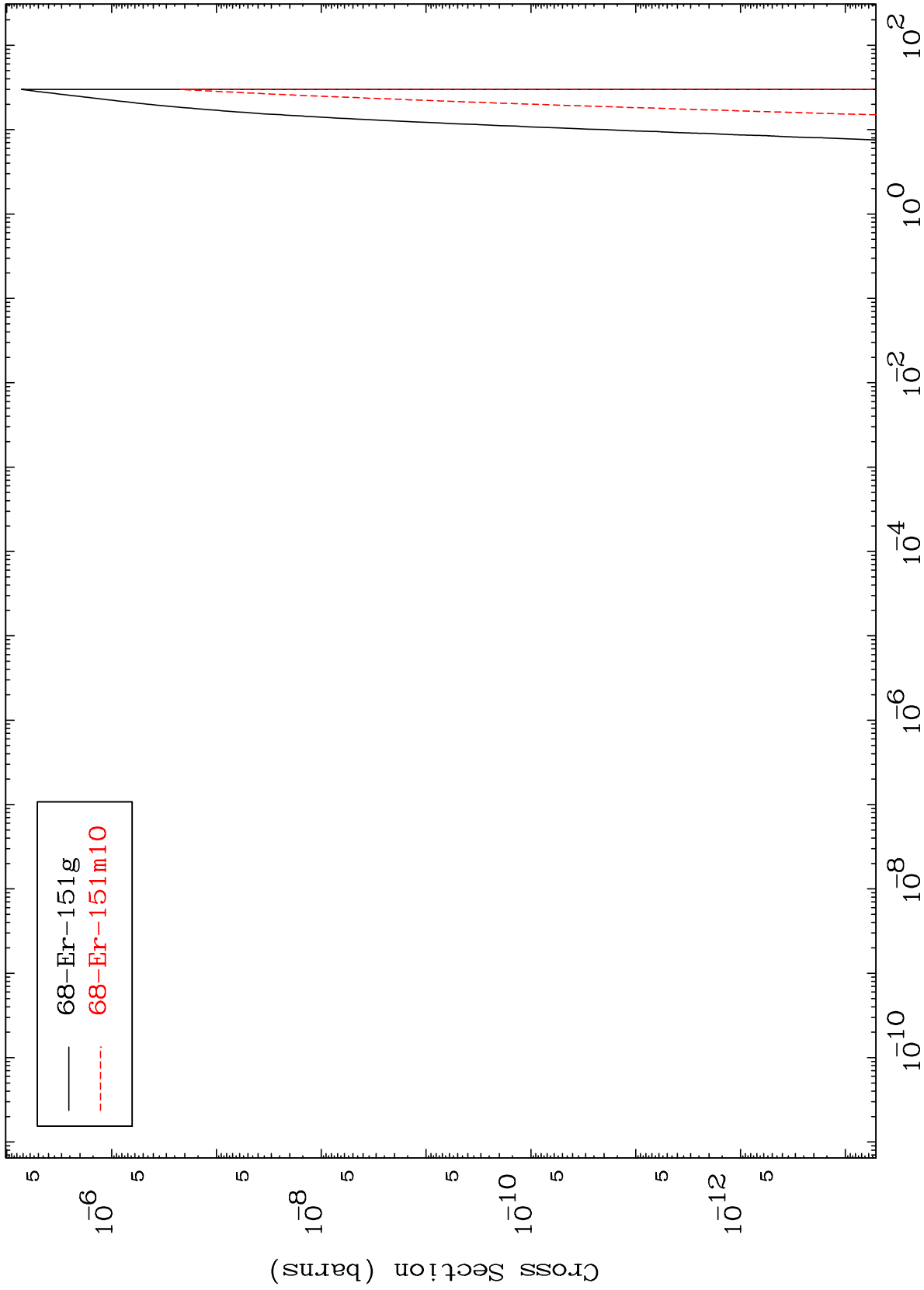
⁷³Ta-160

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(n,d) 2 α

73-Ta-160

Radionuclide Production Cross Section



31

Incident Energy (MeV)

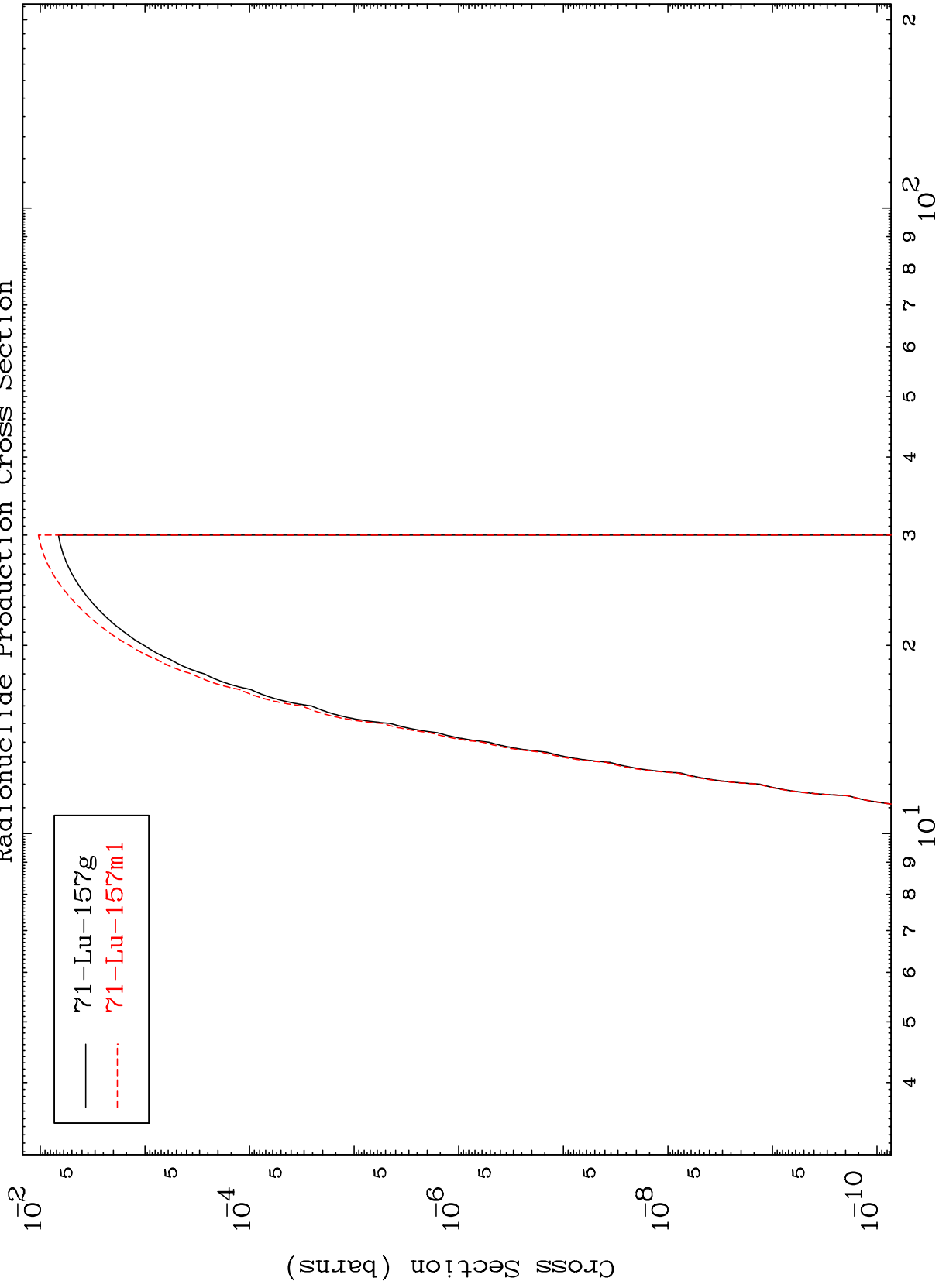
73-Ta-160

MAT 7266

(n,p) t

⁷³Ta-160

Radionuclide Production Cross Section



32

Incident Energy (MeV)

⁷³Ta-160