

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

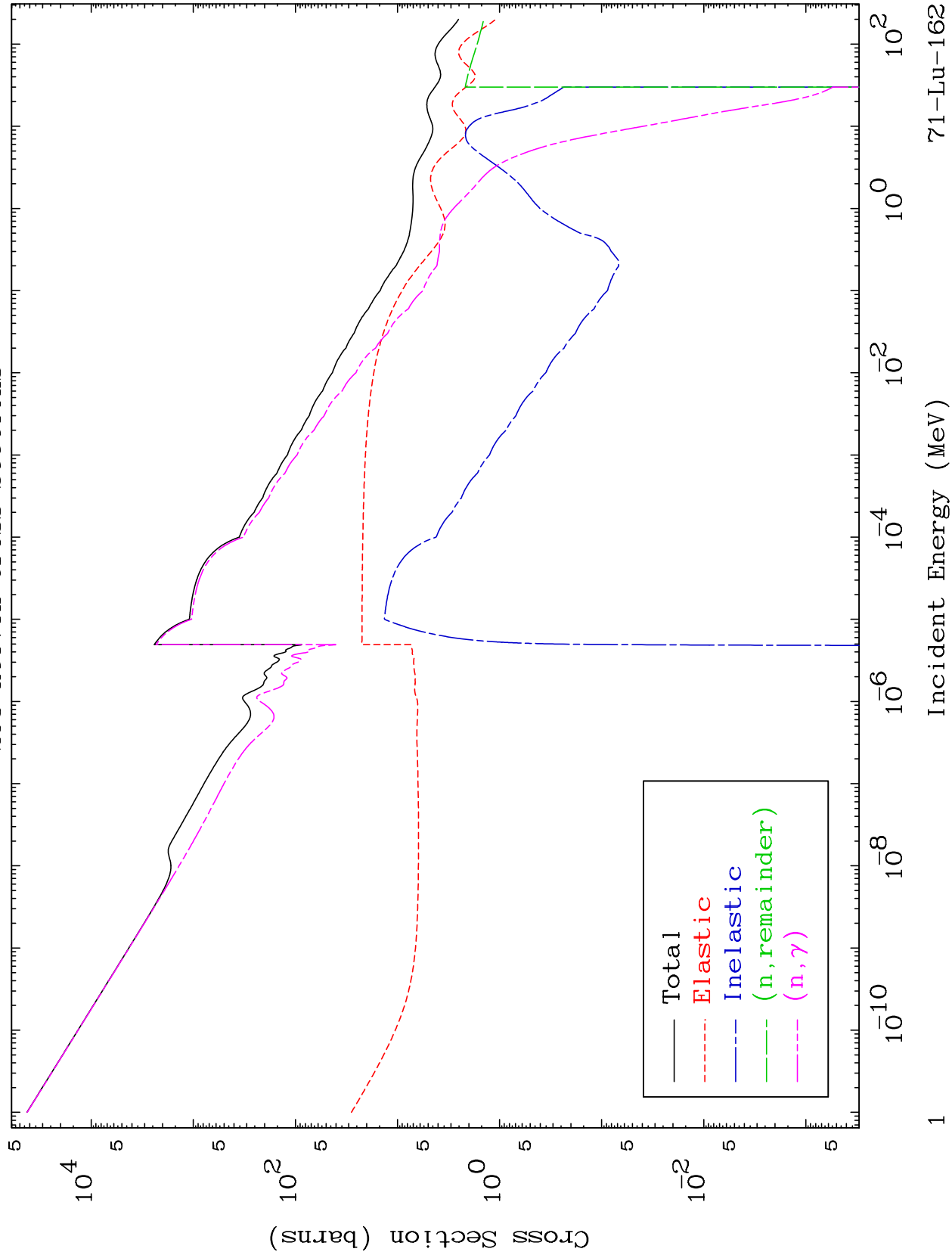
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7087

Major
293 Kelvin Cross Sections

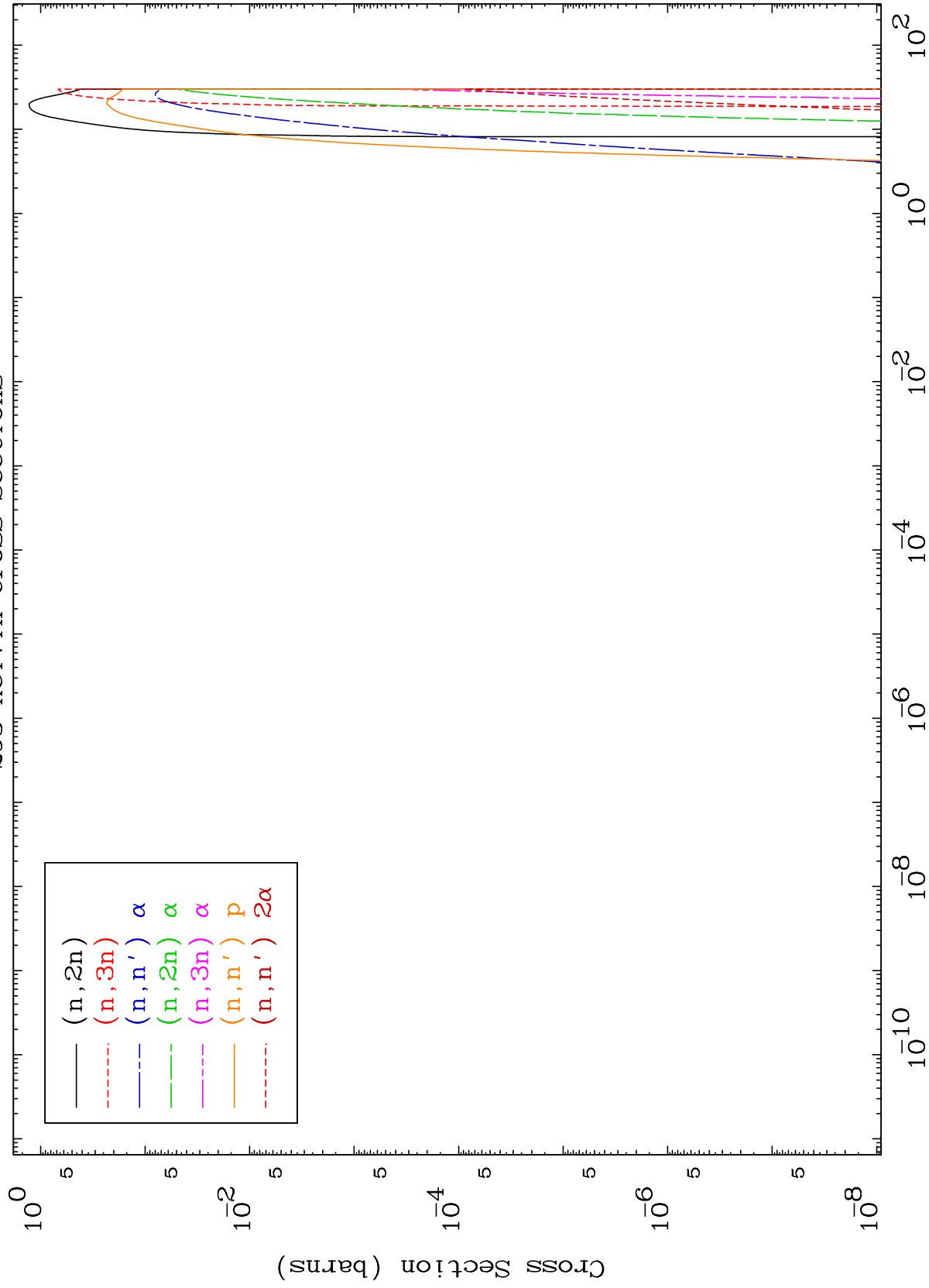
71-Lu-162



MAT 7087

Neutron Production
293 Kelvin Cross Sections

71-Lu-162



2

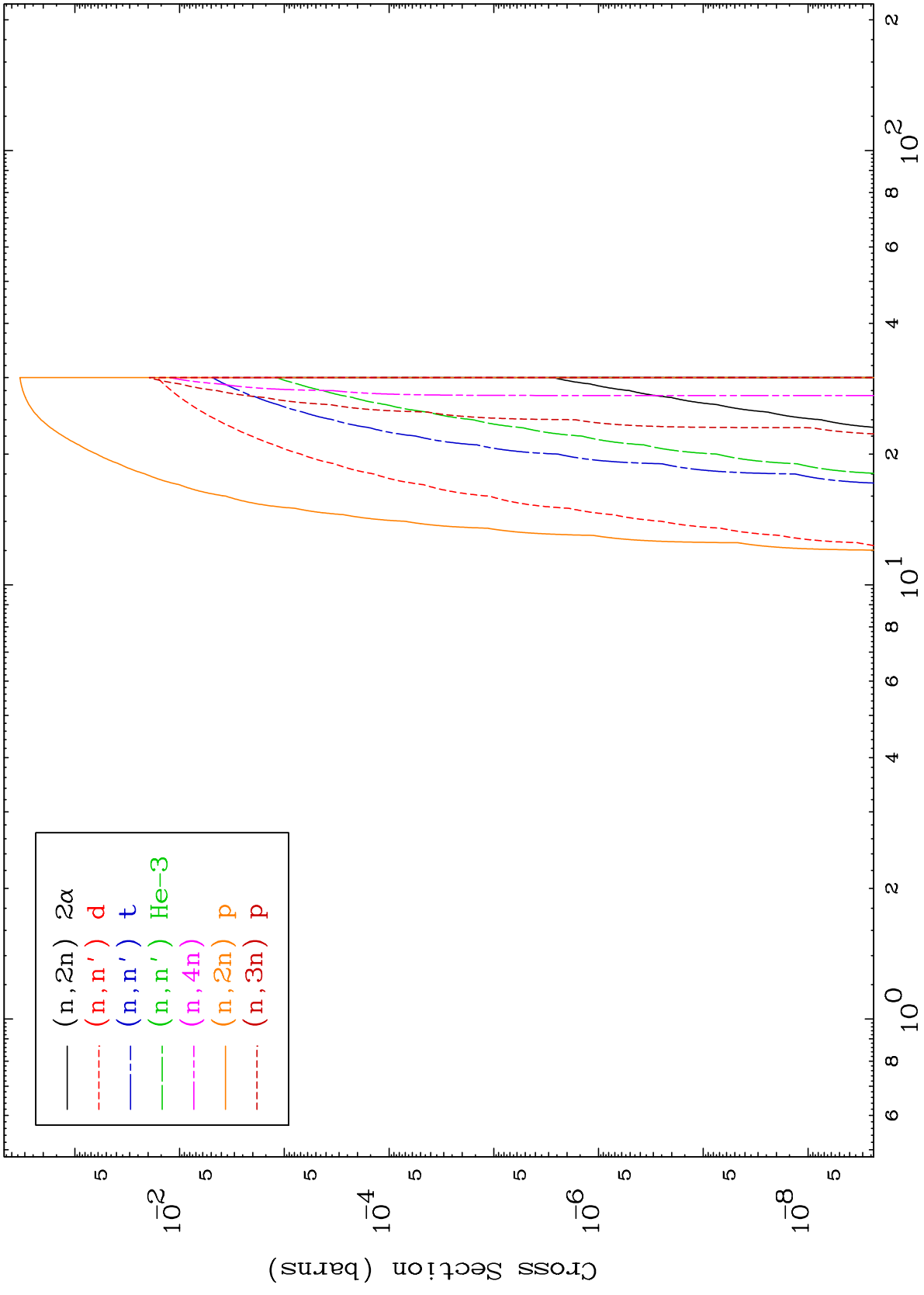
Incident Energy (MeV)

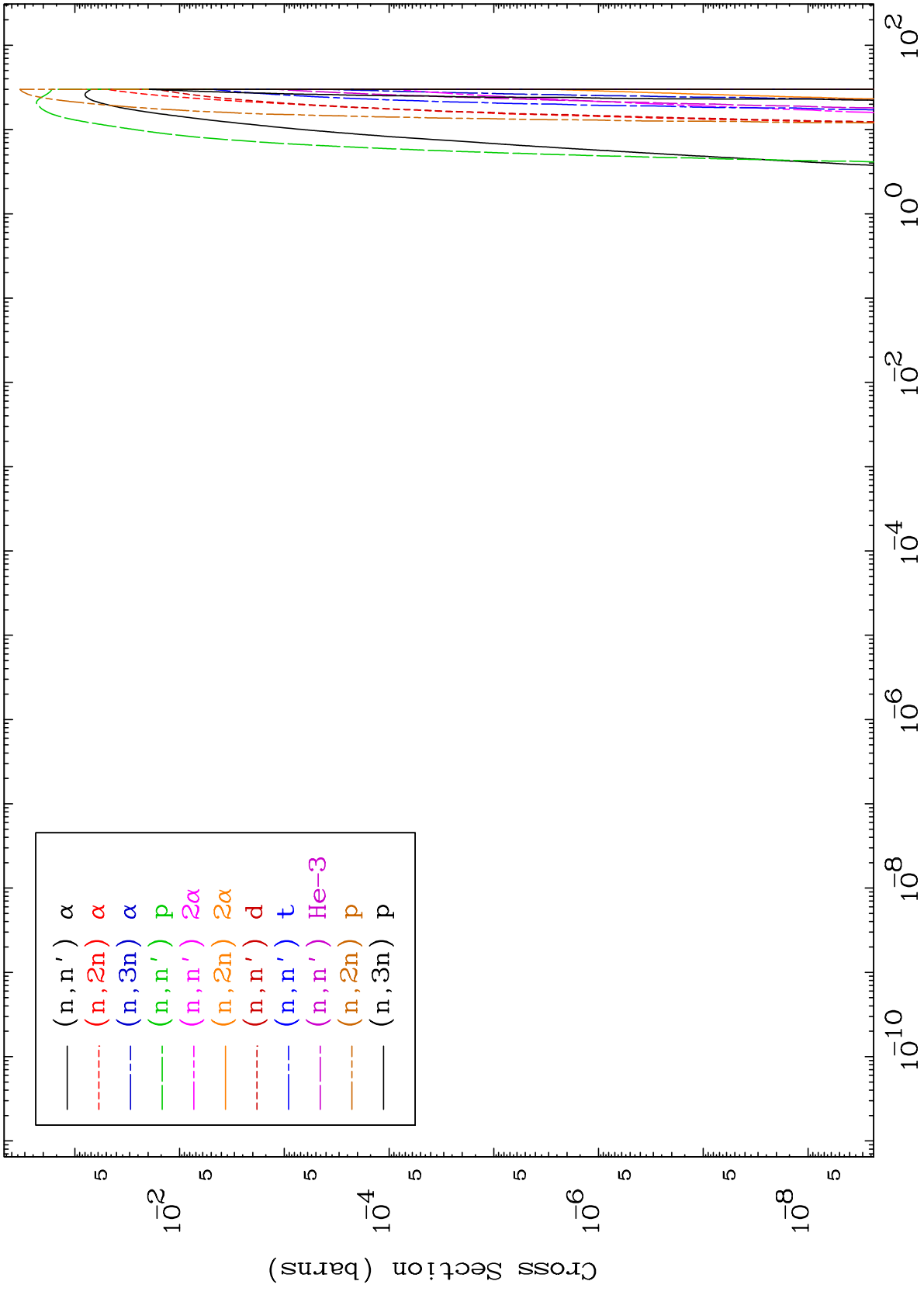
71-Lu-162

MAT 7087

Neutron Production
293 Kelvin Cross Sections

71-Lu-162

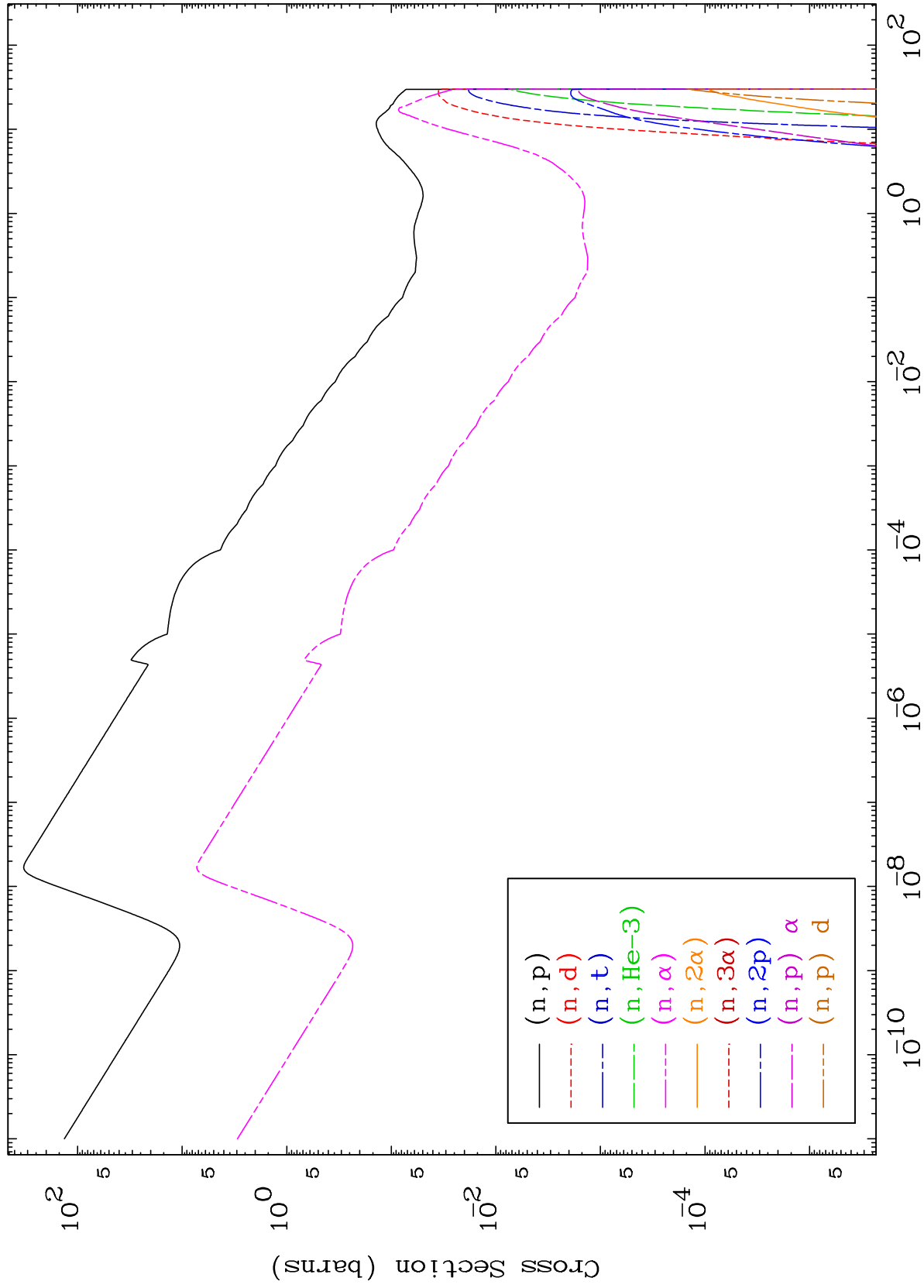


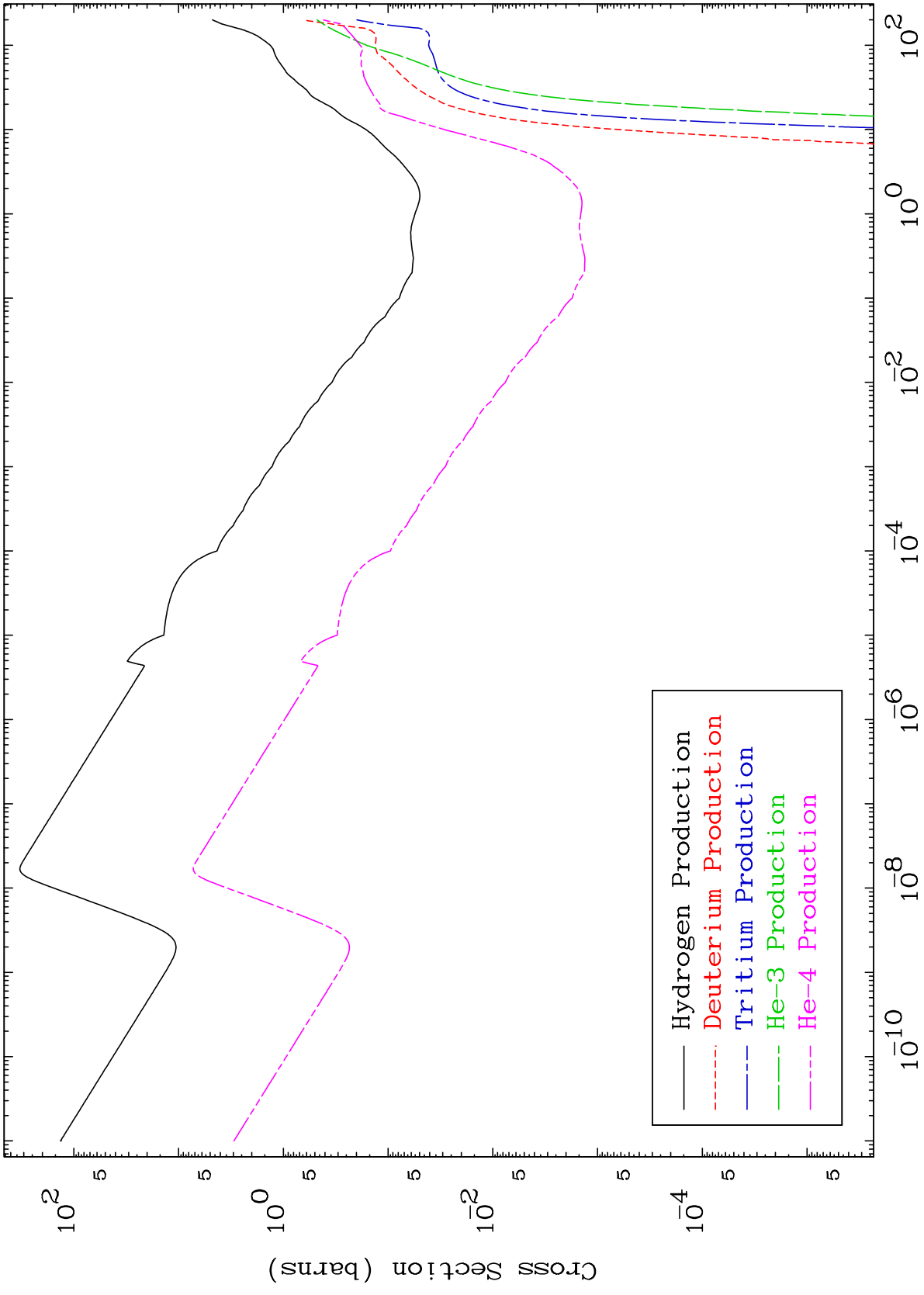


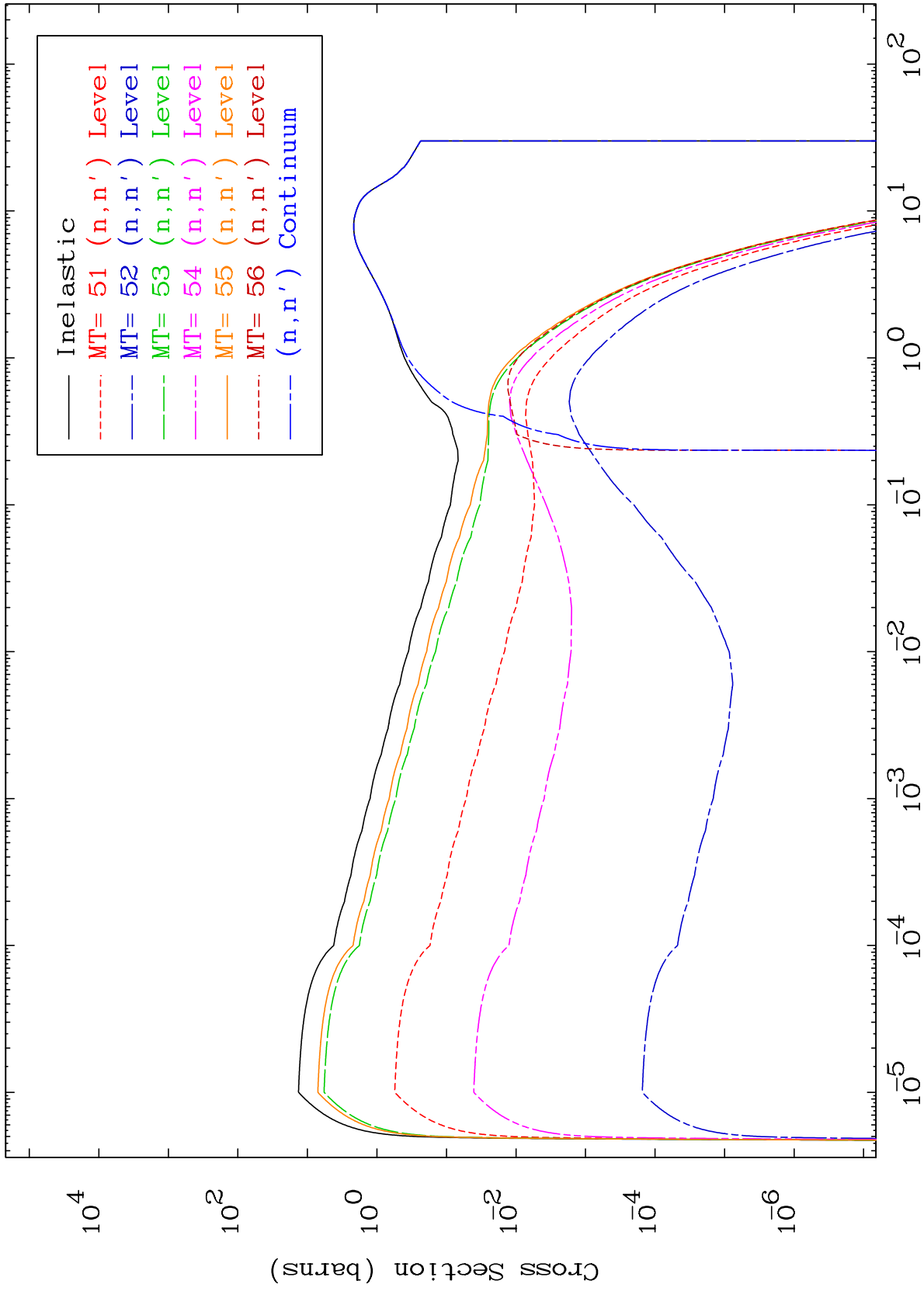
MAT 7087

293 Kelvin Cross Sections

71-Lu-162



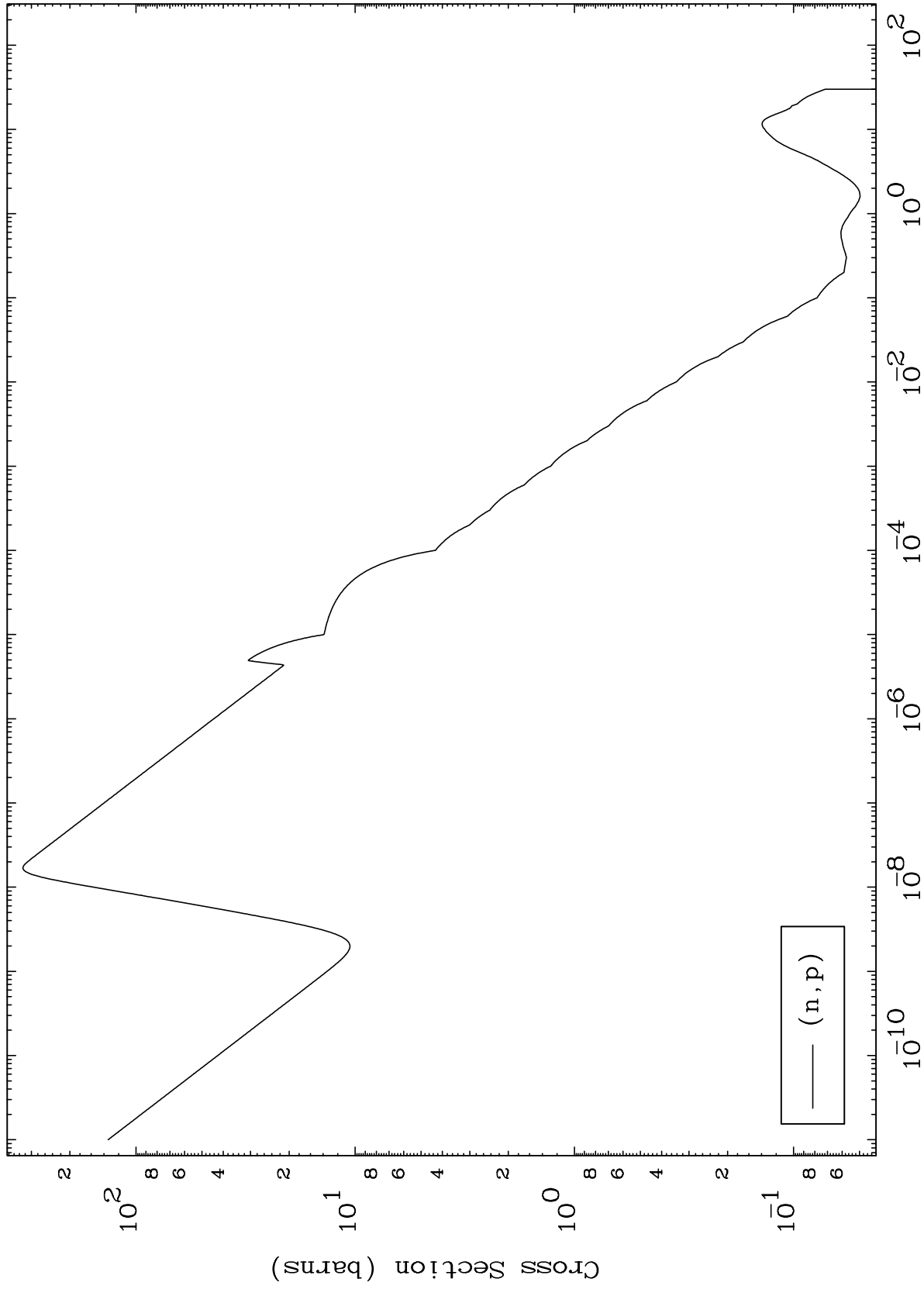




MAT 7087

(n,p) Levels
293 Kelvin Cross Sections

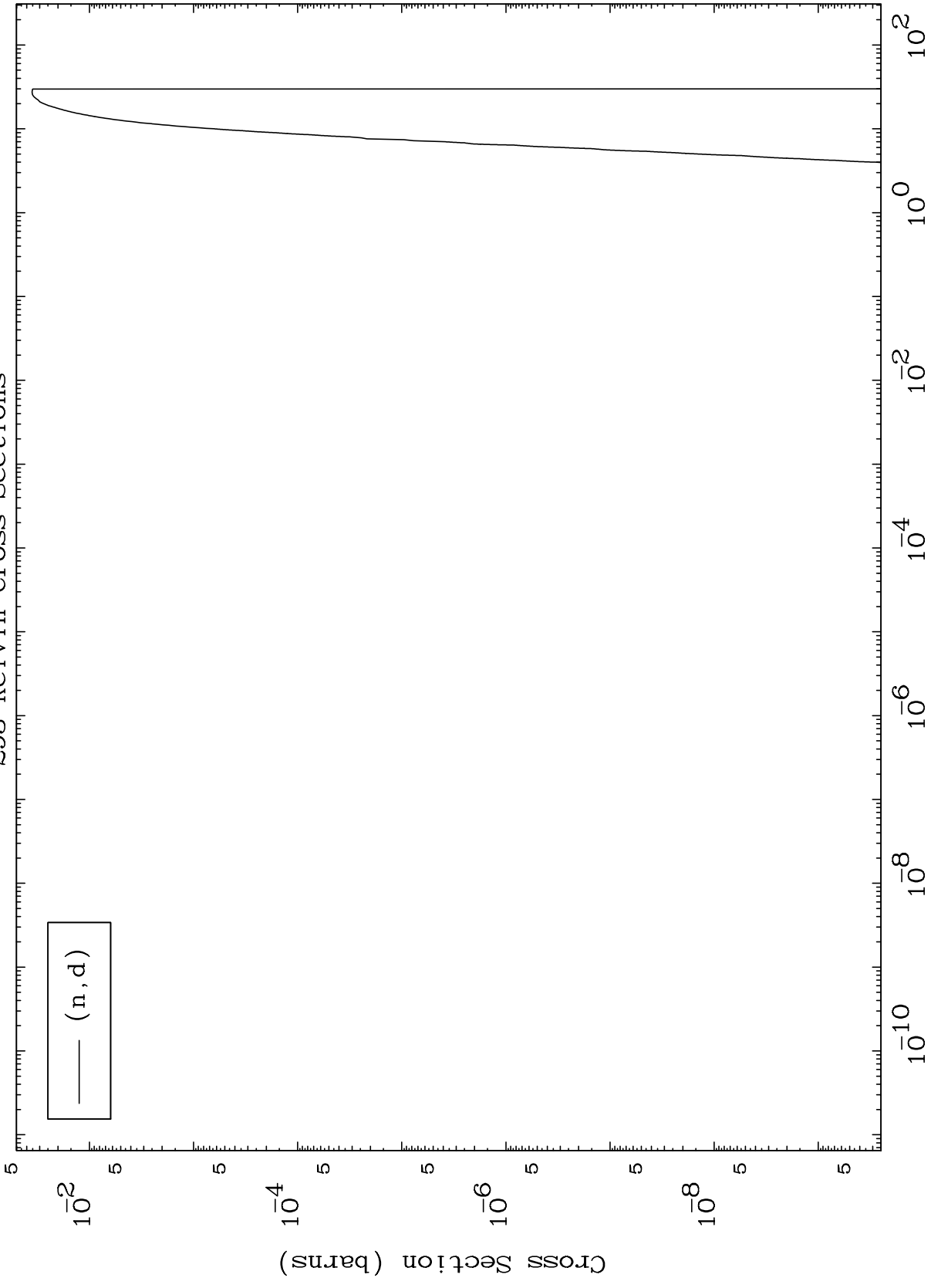
71-Lu-162



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(n,d) Levels
293 Kelvin Cross Sections

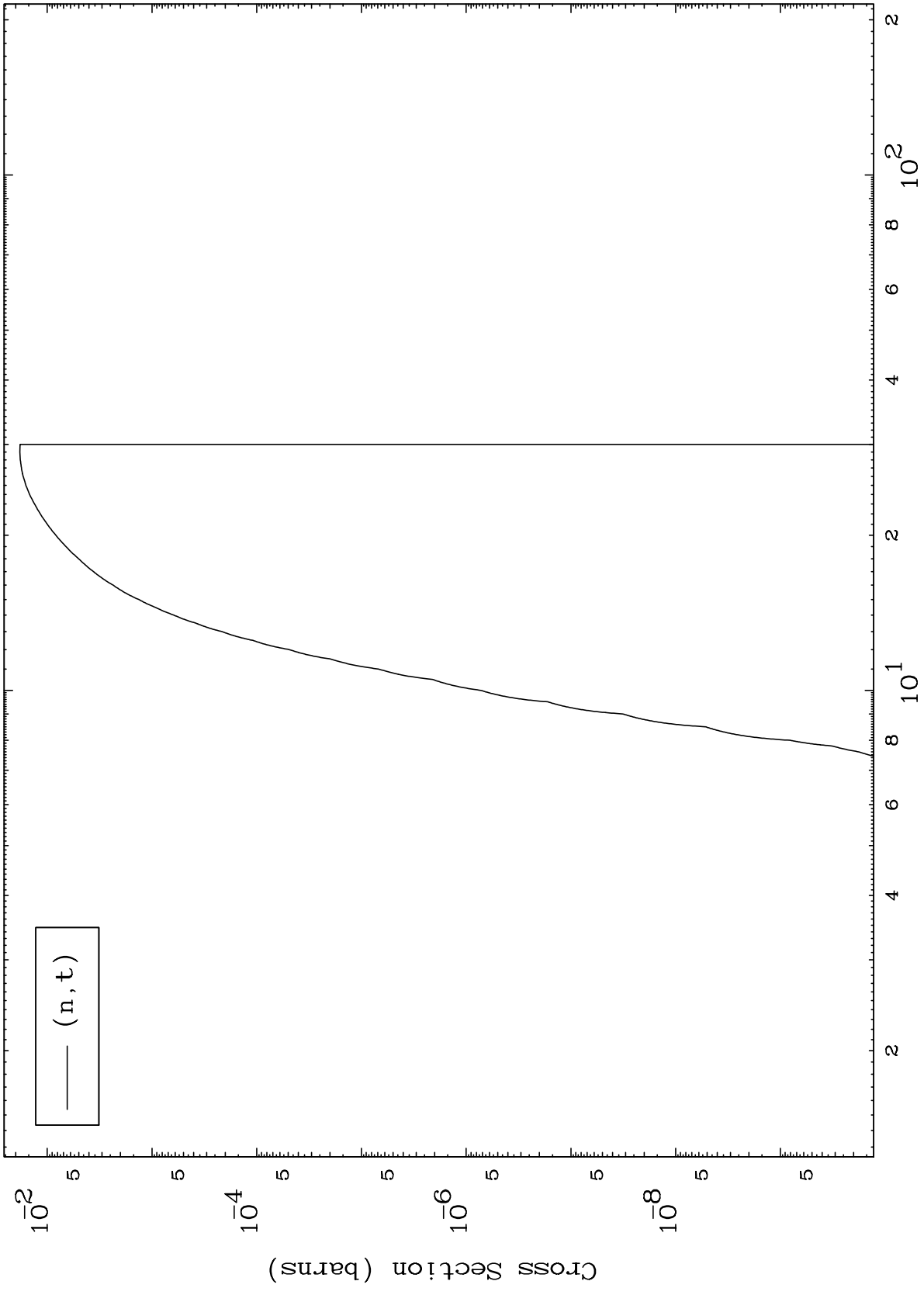
71-Lu-162



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(n,t) Levels
293 Kelvin Cross Sections

71-Lu-162



10

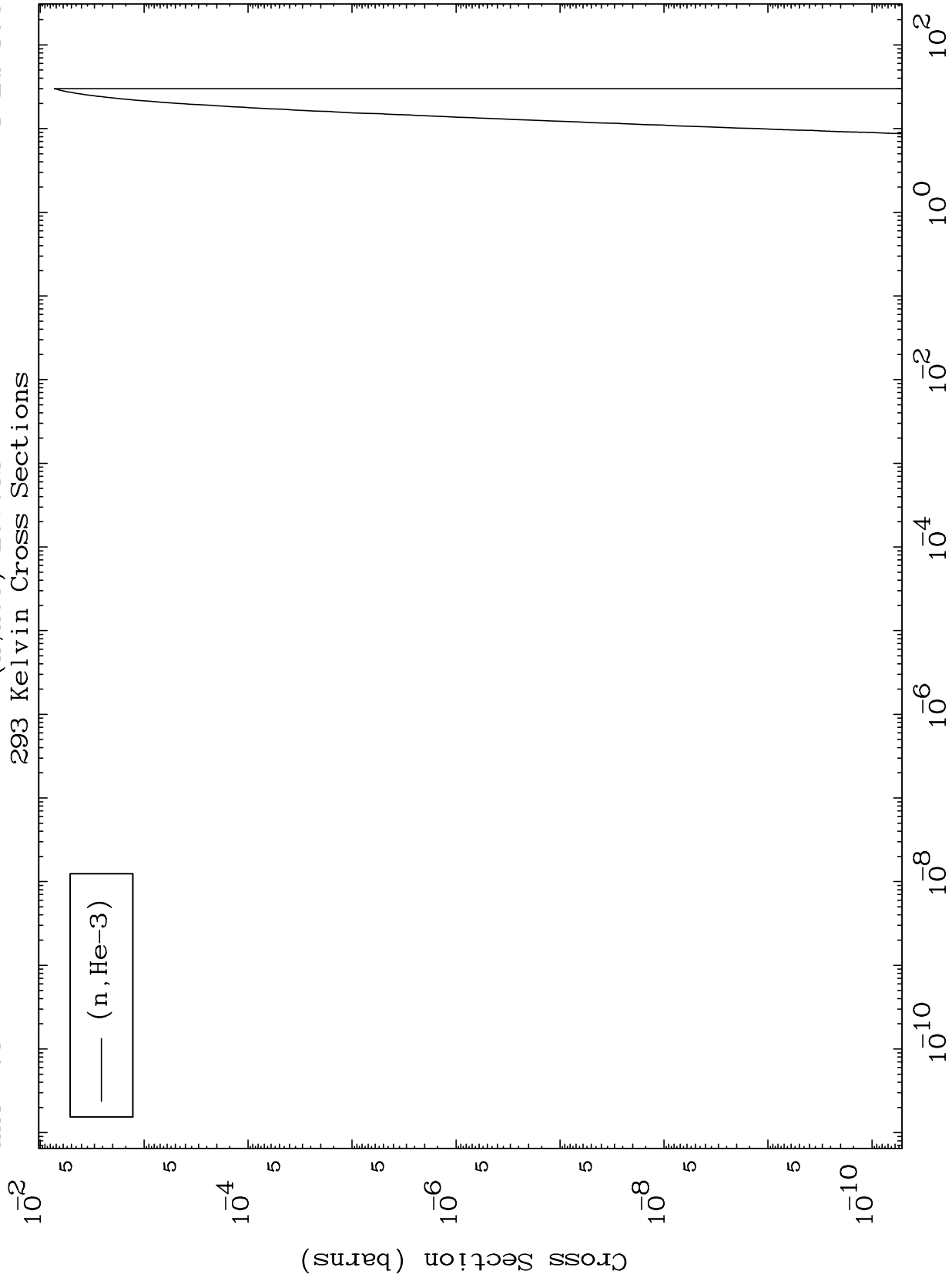
Incident Energy (MeV)

71-Lu-162

MAT 7087

(n,He3) Levels
293 Kelvin Cross Sections

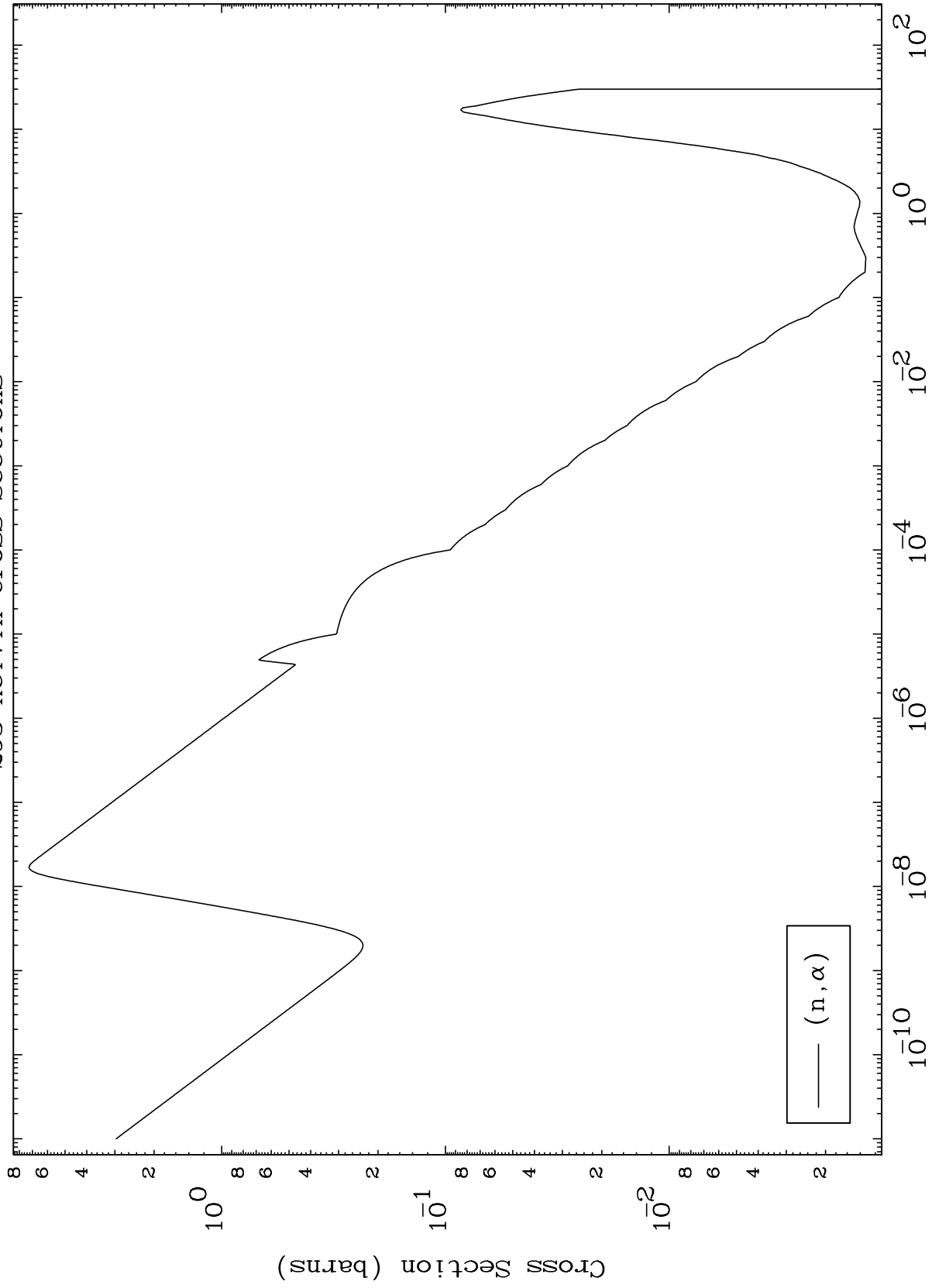
71-Lu-162



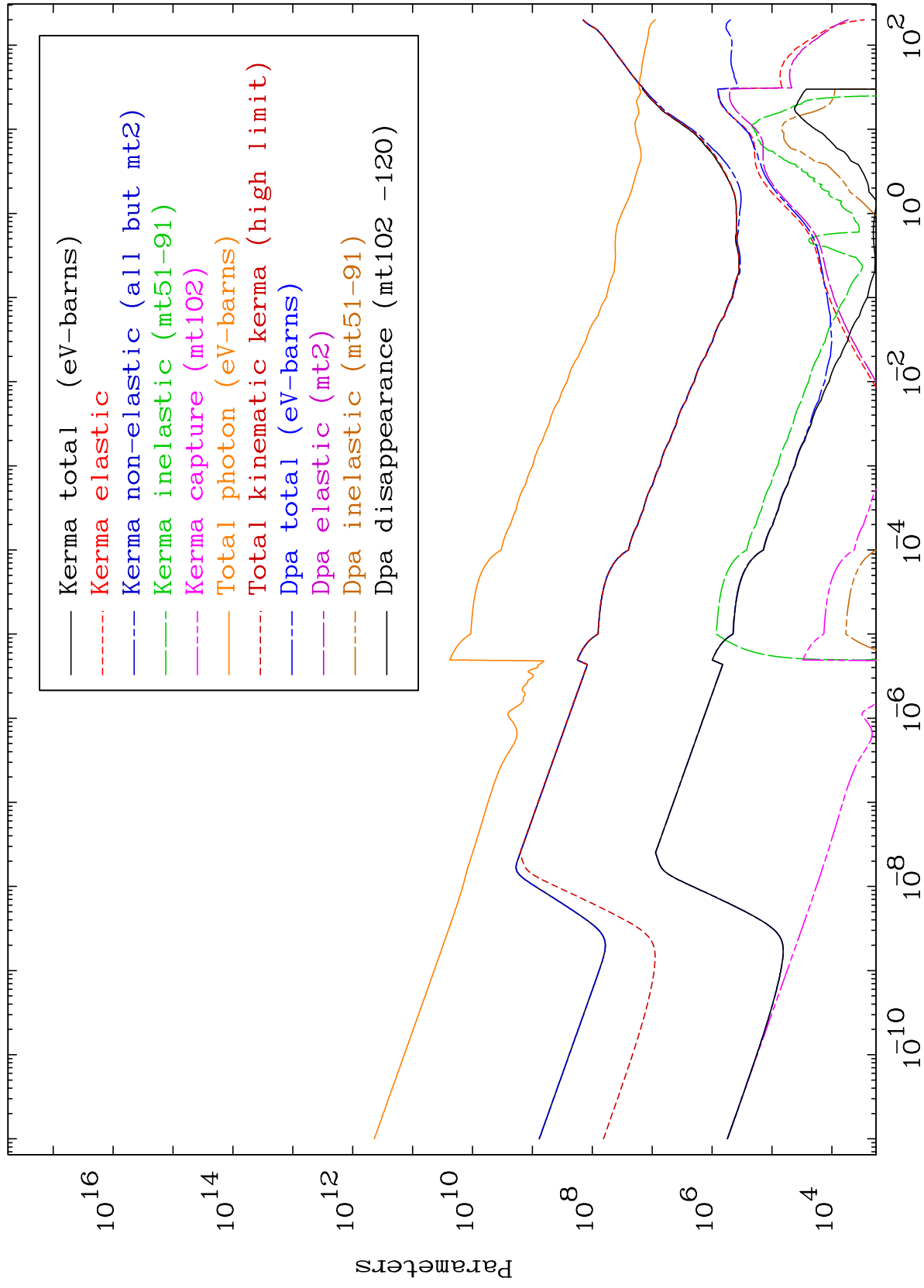
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(n,α) Levels
293 Kelvin Cross Sections

71-Lu-162



71-Lu-162



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Elastic Legendre Coefficients

71-Lu-162



14

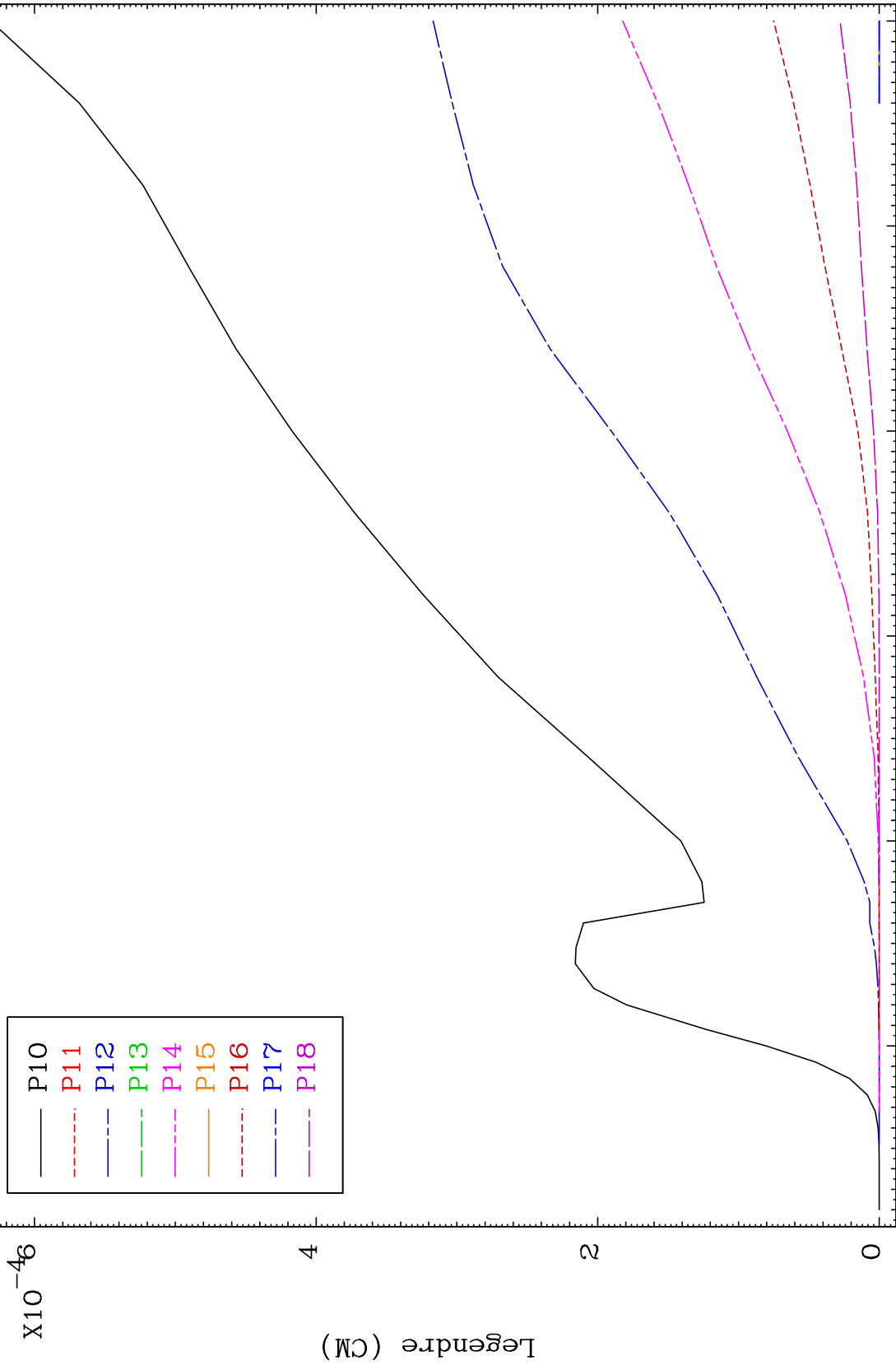
Incident Energy (MeV)

71-Lu-162

MAT 7087

Elastic Legendre Coefficients

71-Lu-162



15

Incident Energy (MeV)

71-Lu-162

MAT 7087

Elastic
Legendre Coefficients

71-Lu-162



16

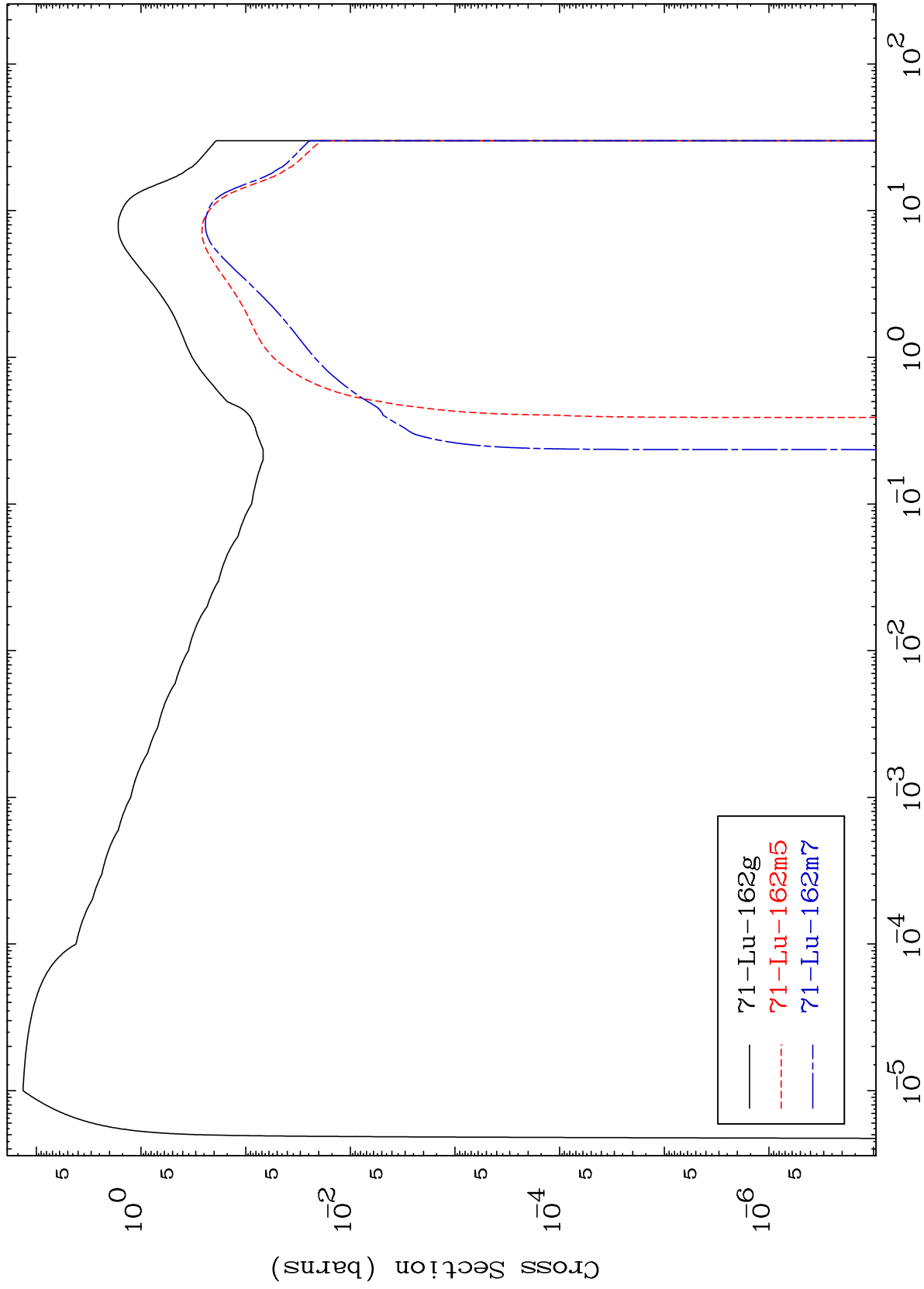
Incident Energy (MeV)

71-Lu-162

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Inelastic Radionuclide Production Cross Section

71-Lu-162



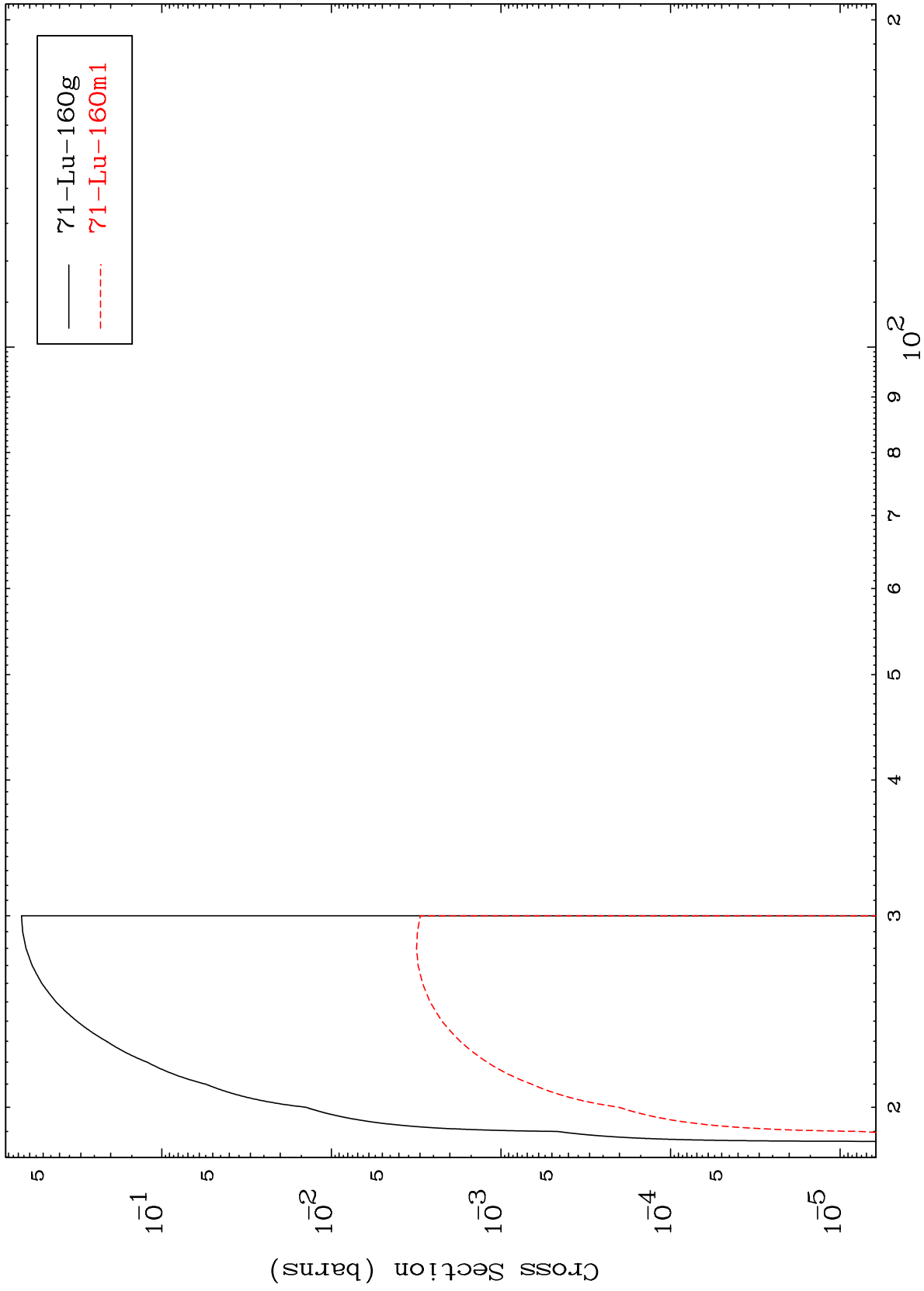
71-Lu-162

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(n,3n)

⁷¹Lu-162

Radionuclide Production Cross Section



18

Incident Energy (MeV)

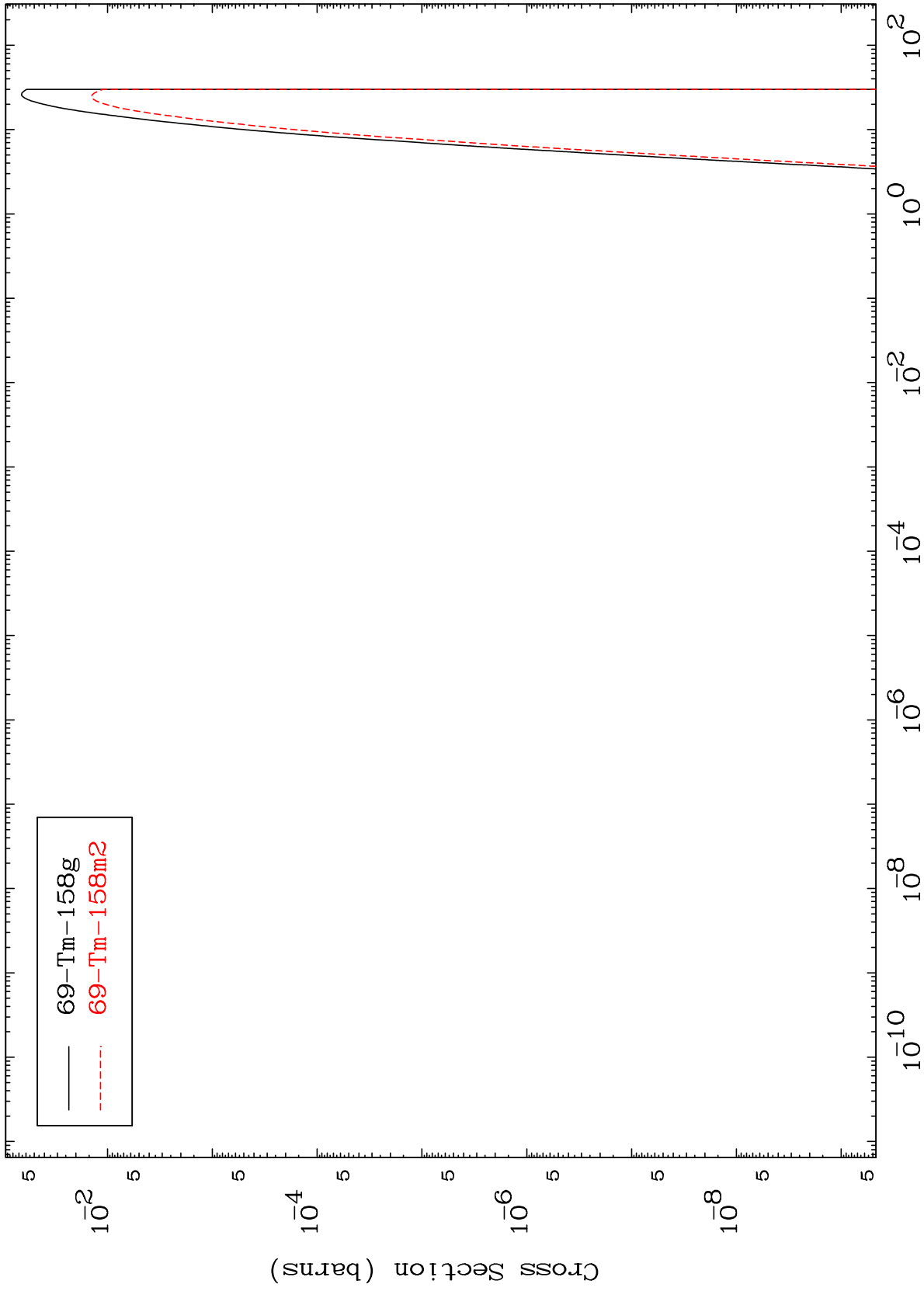
⁷¹Lu-162

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(n,n') α

71-Lu-162

Radionuclide Production Cross Section

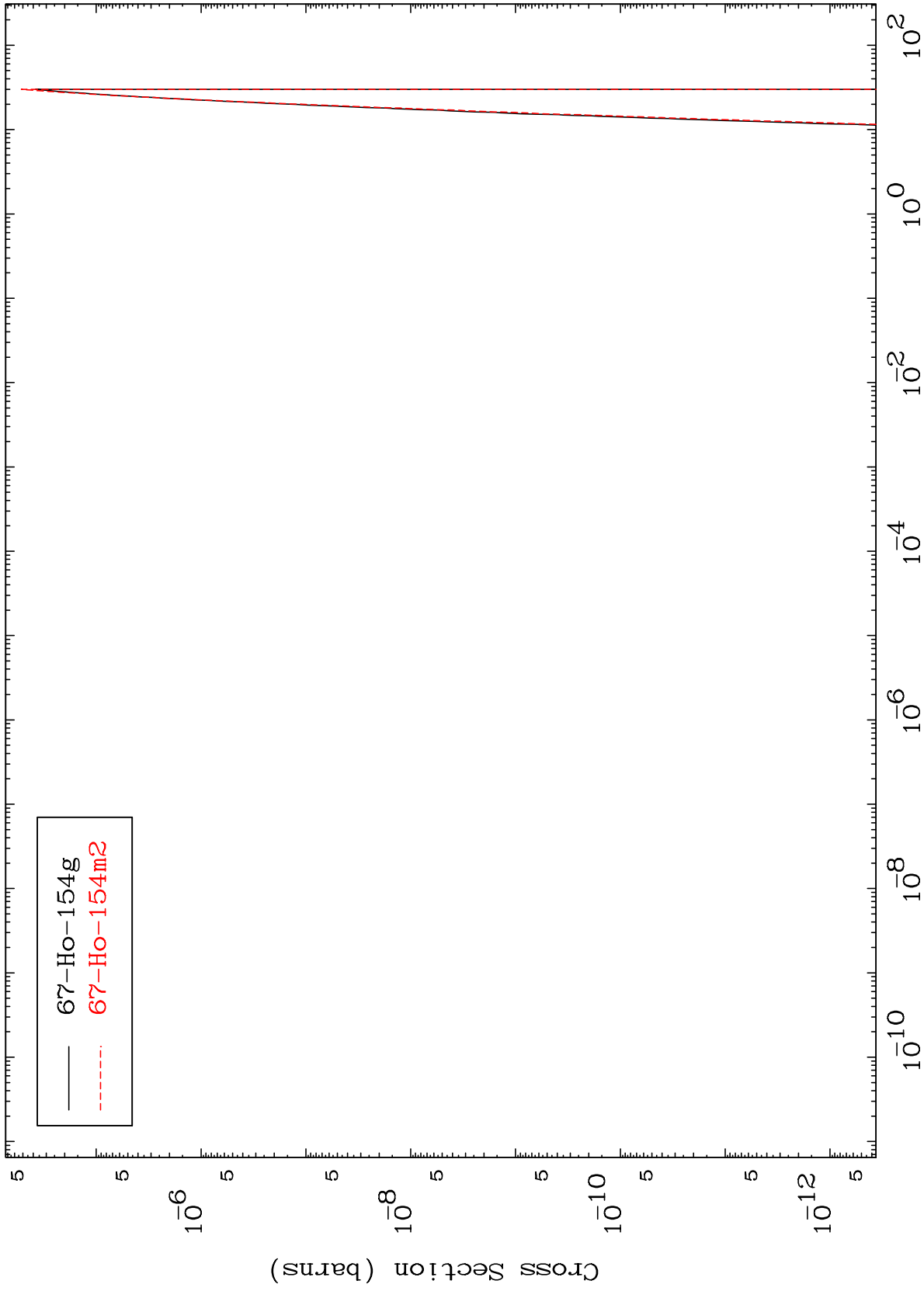


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(n,n') 2 α

71-Lu-162

Radionuclide Production Cross Section



20

Incident Energy (MeV)

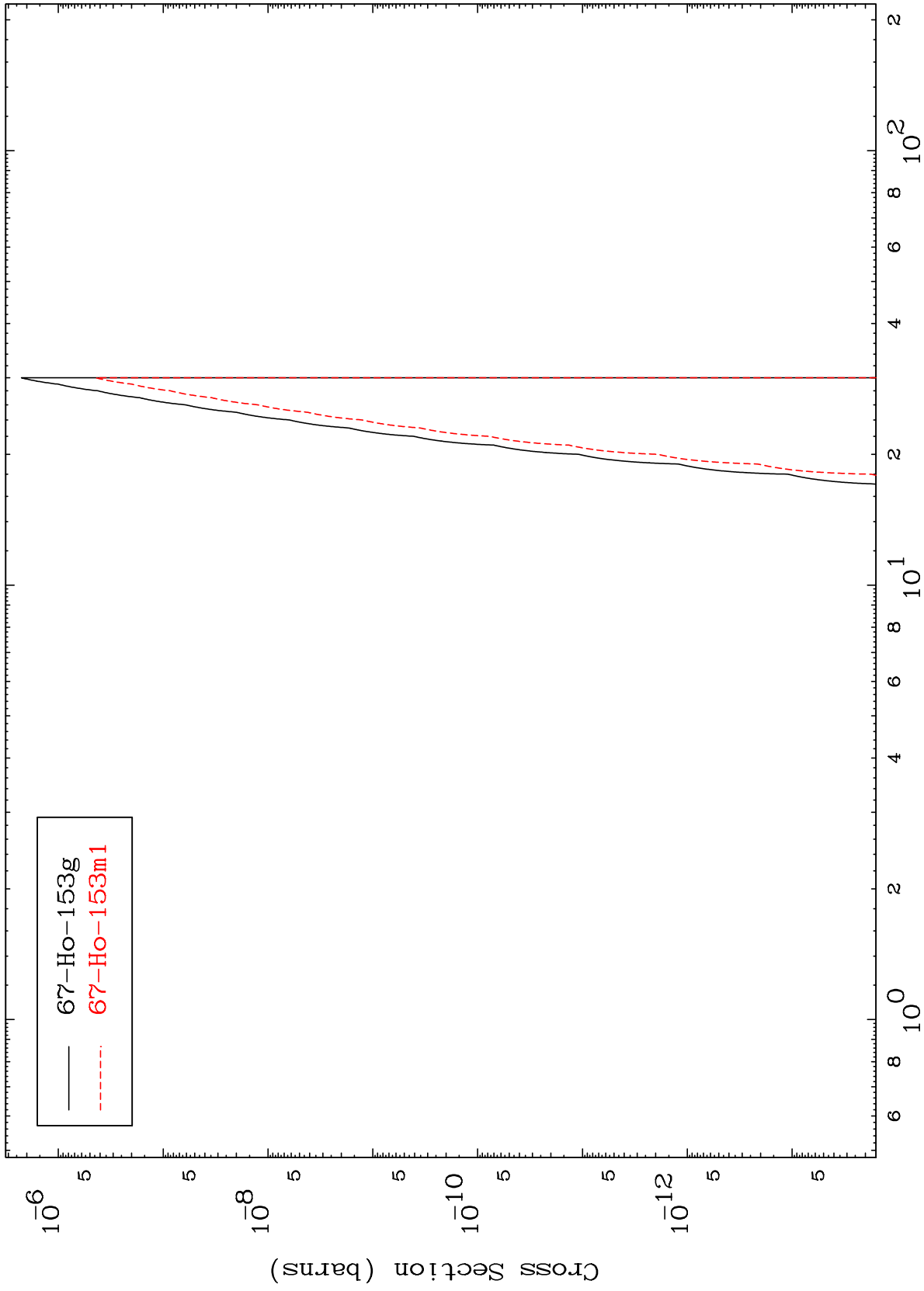
71-Lu-162

MAT 7087

(n,2n) 2α

71-Lu-162

Radionuclide Production Cross Section



21

Incident Energy (MeV)

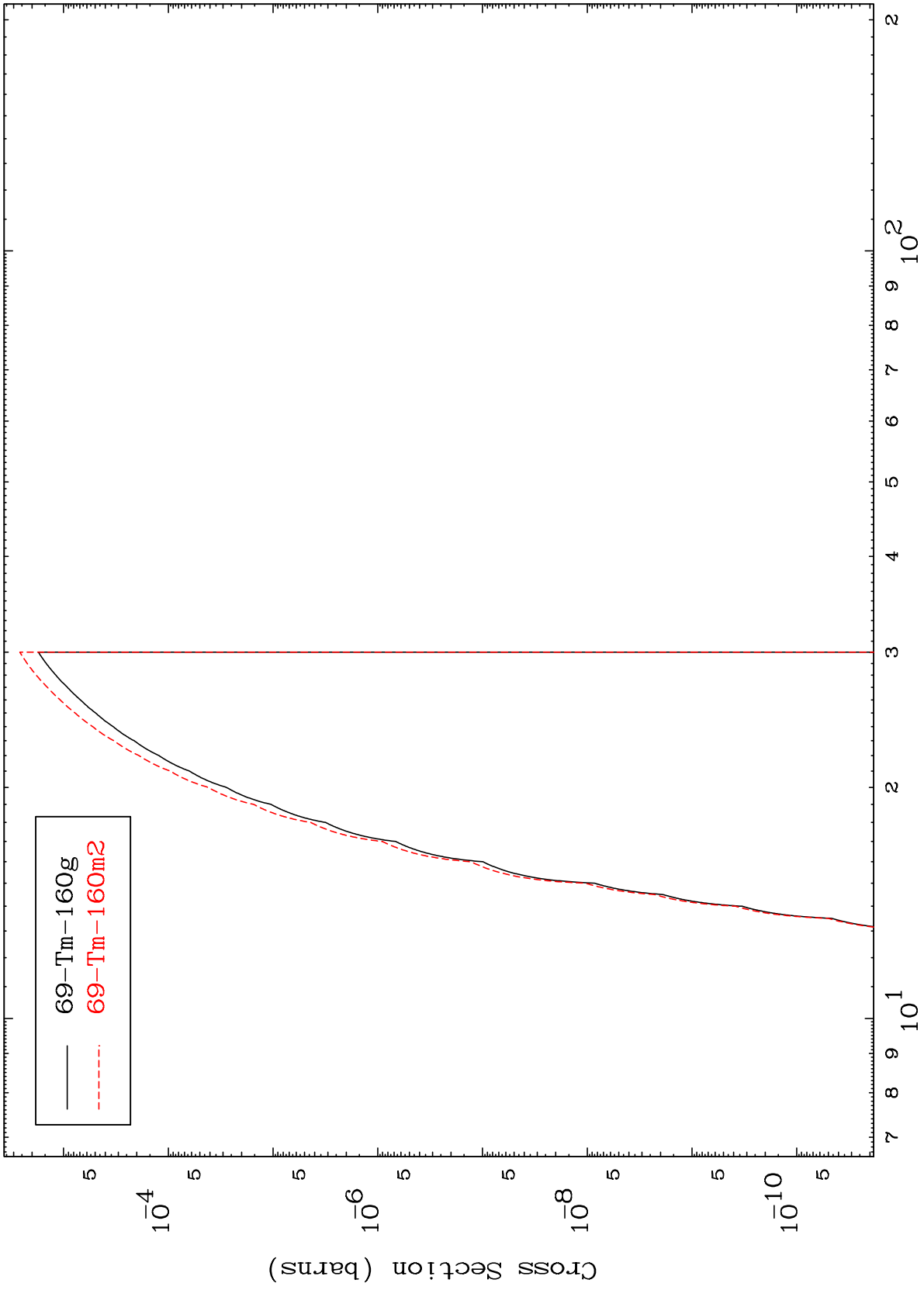
71-Lu-162

MAT 7087

(n,2n) p

71-Lu-162

Radionuclide Production Cross Section



22

Incident Energy (MeV)

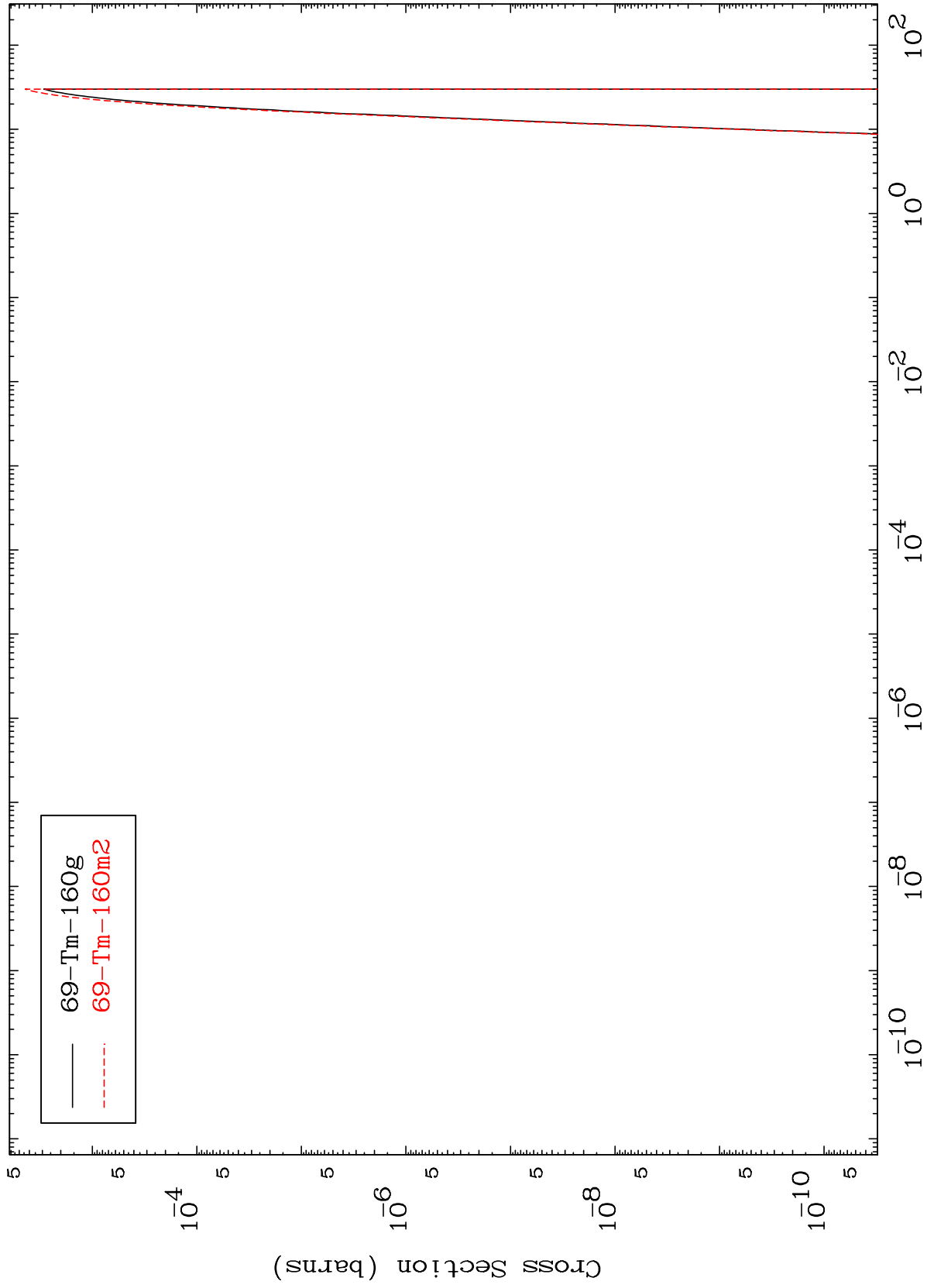
71-Lu-162

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(n, He-3)

71-Lu-162

Radionuclide Production Cross Section



23

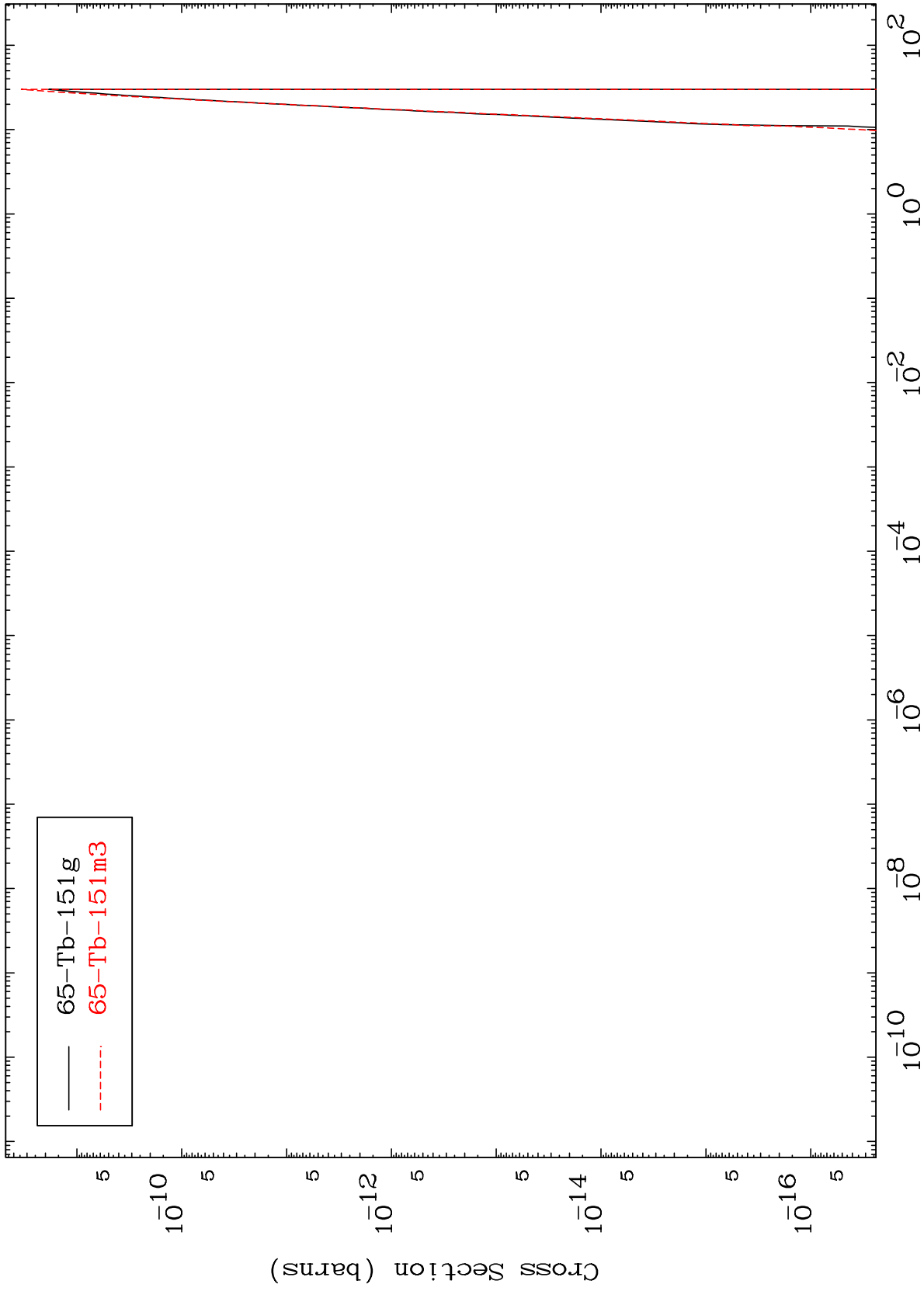
71-Lu-162

MAT 7087

(n,3α)

71-Lu-162

Radionuclide Production Cross Section



24

Incident Energy (MeV)

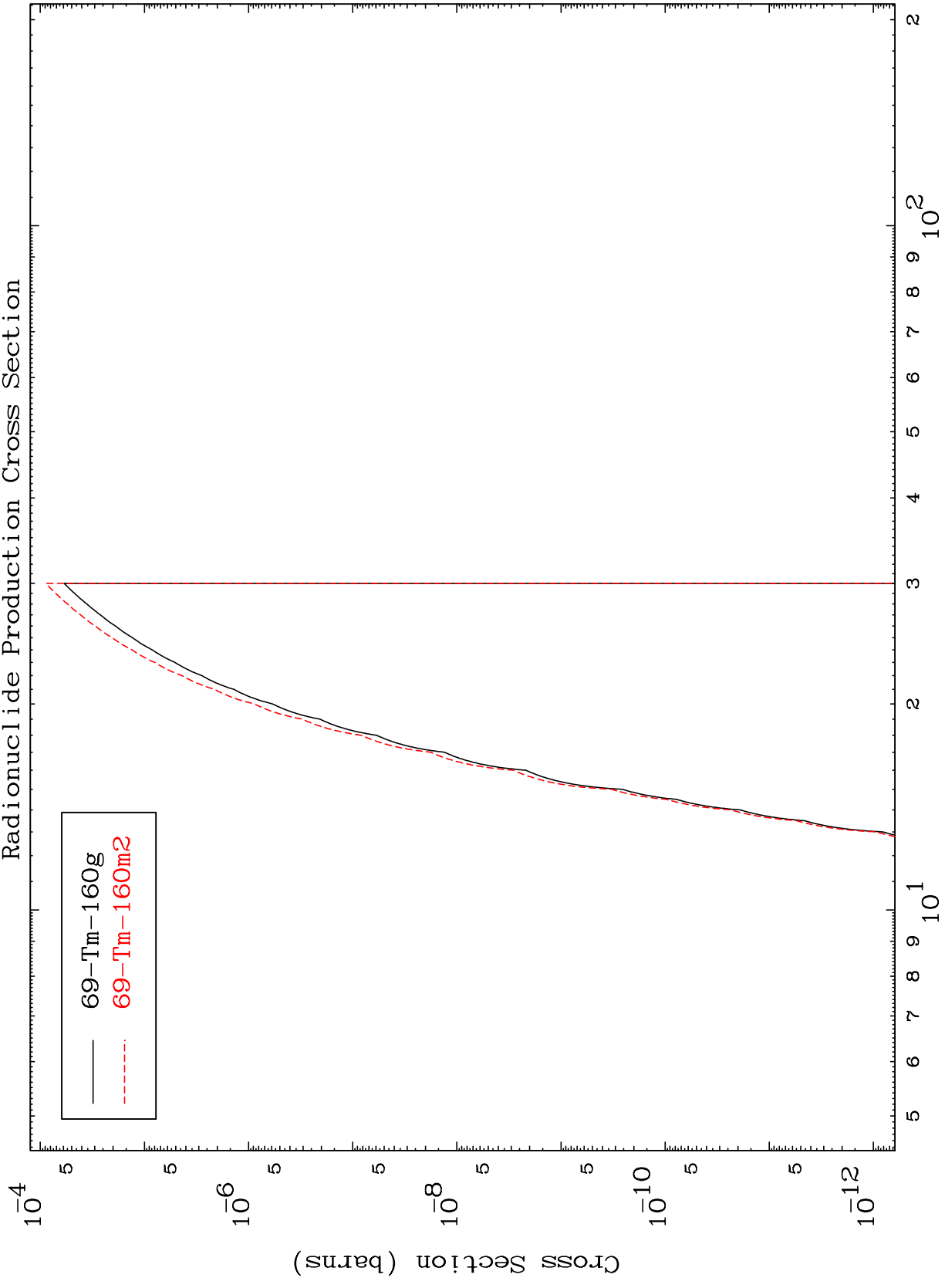
71-Lu-162

MAT 7087

(n,p) d

⁷¹Lu-162

Radionuclide Production Cross Section



69-Tm-160g
69-Tm-160m2

25

Incident Energy (MeV)

⁷¹Lu-162