

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

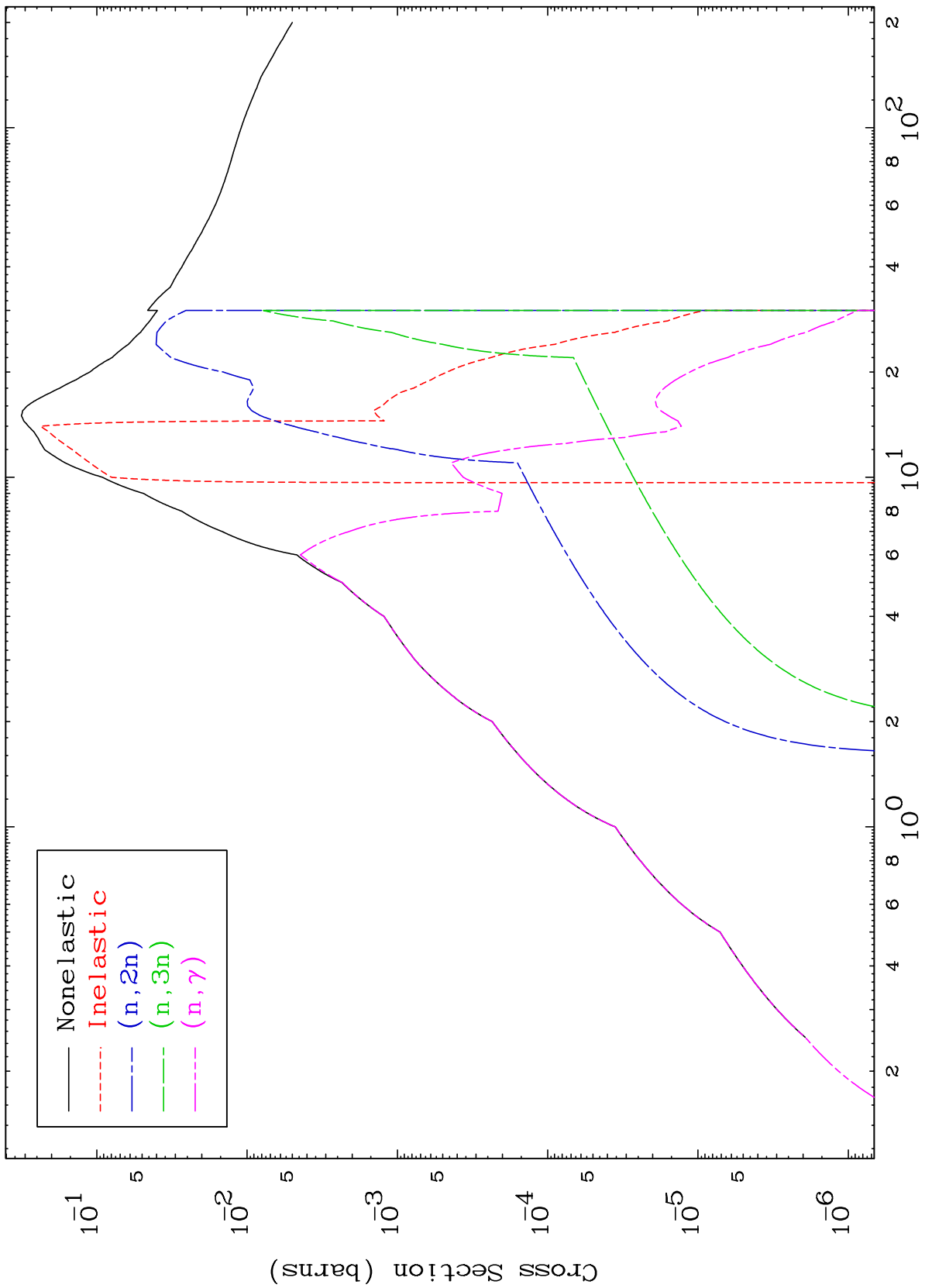
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

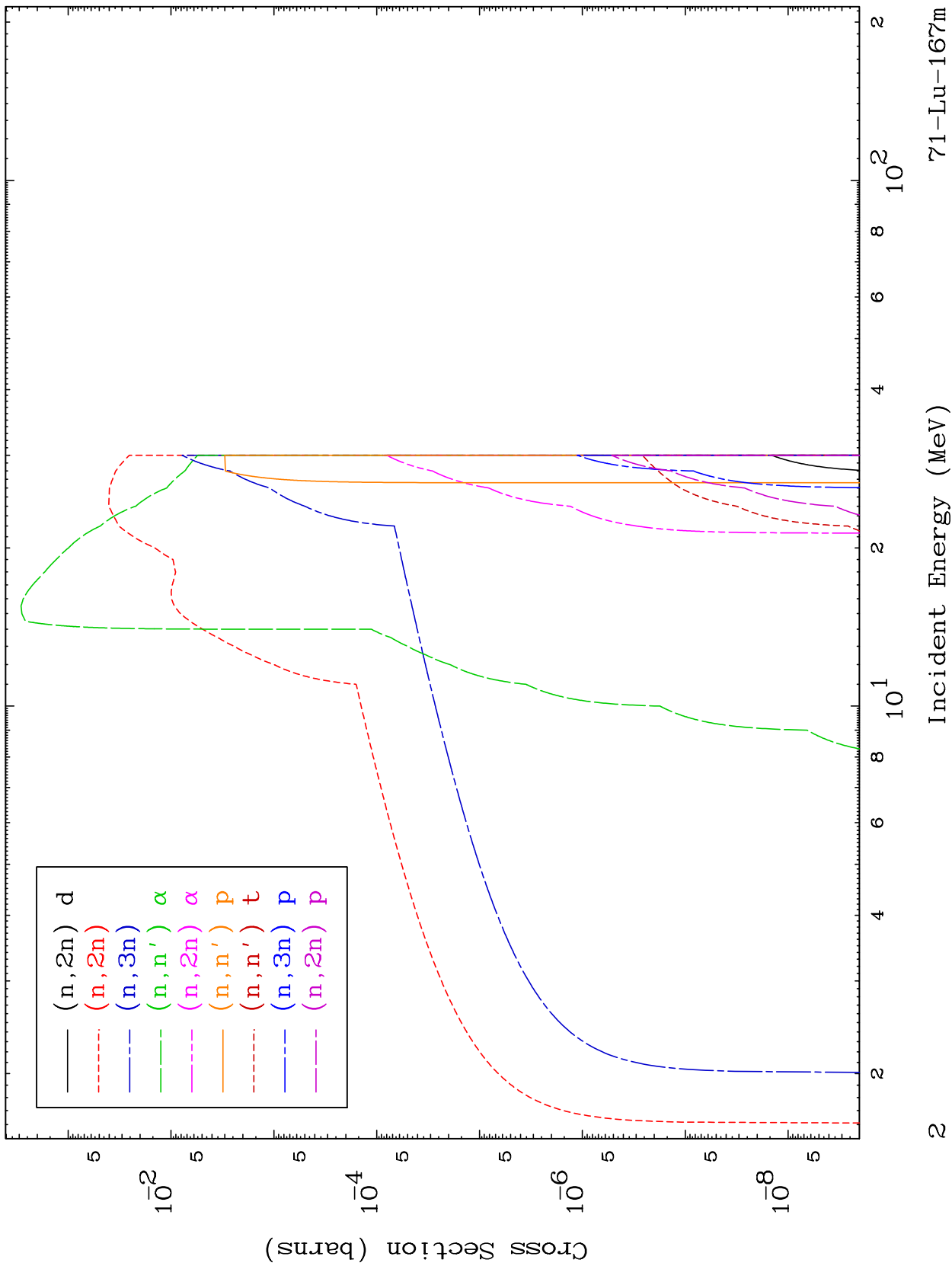
Tele: 925-443-1911

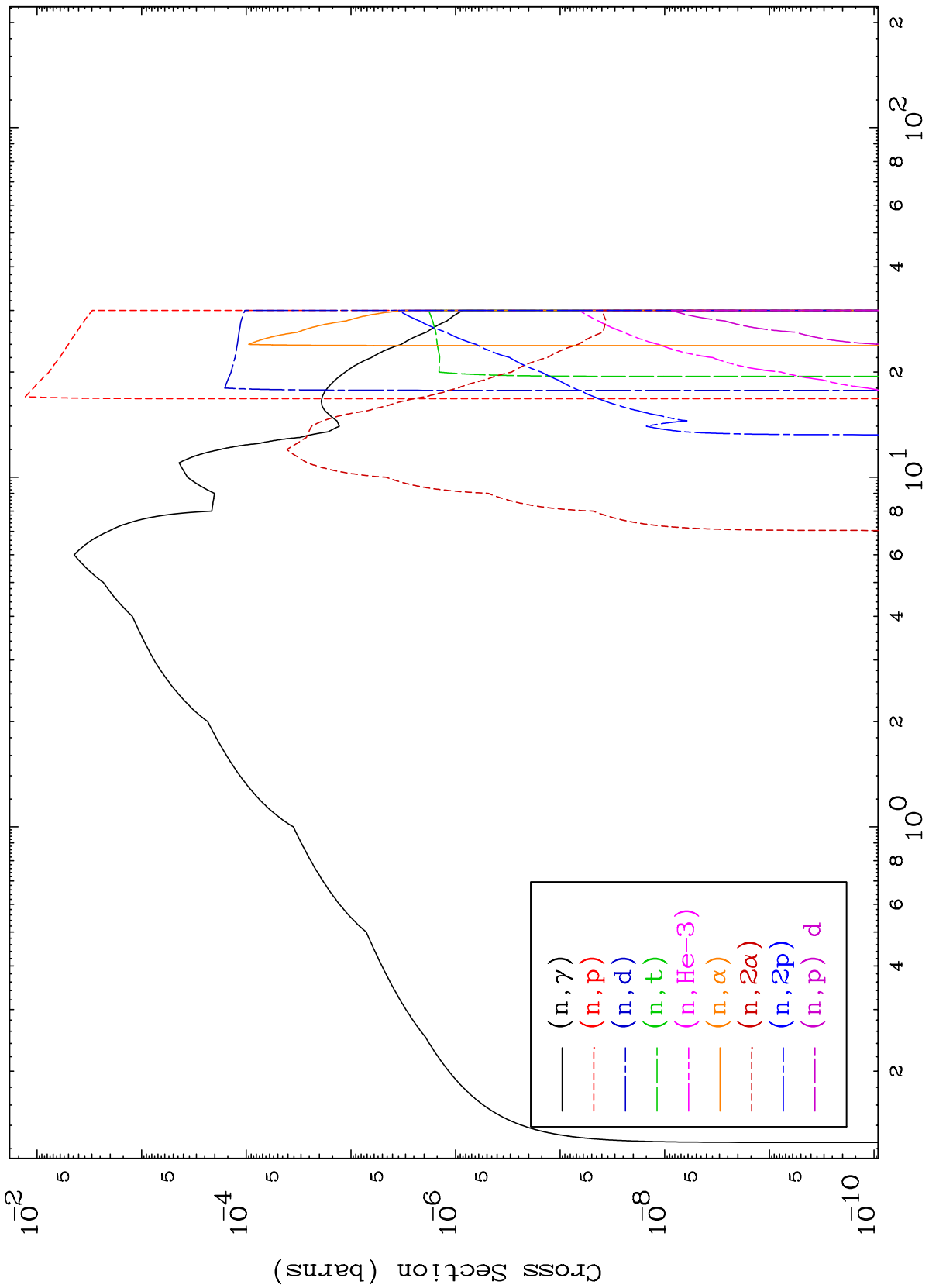
E.Mail:redcullen1@comcast.net

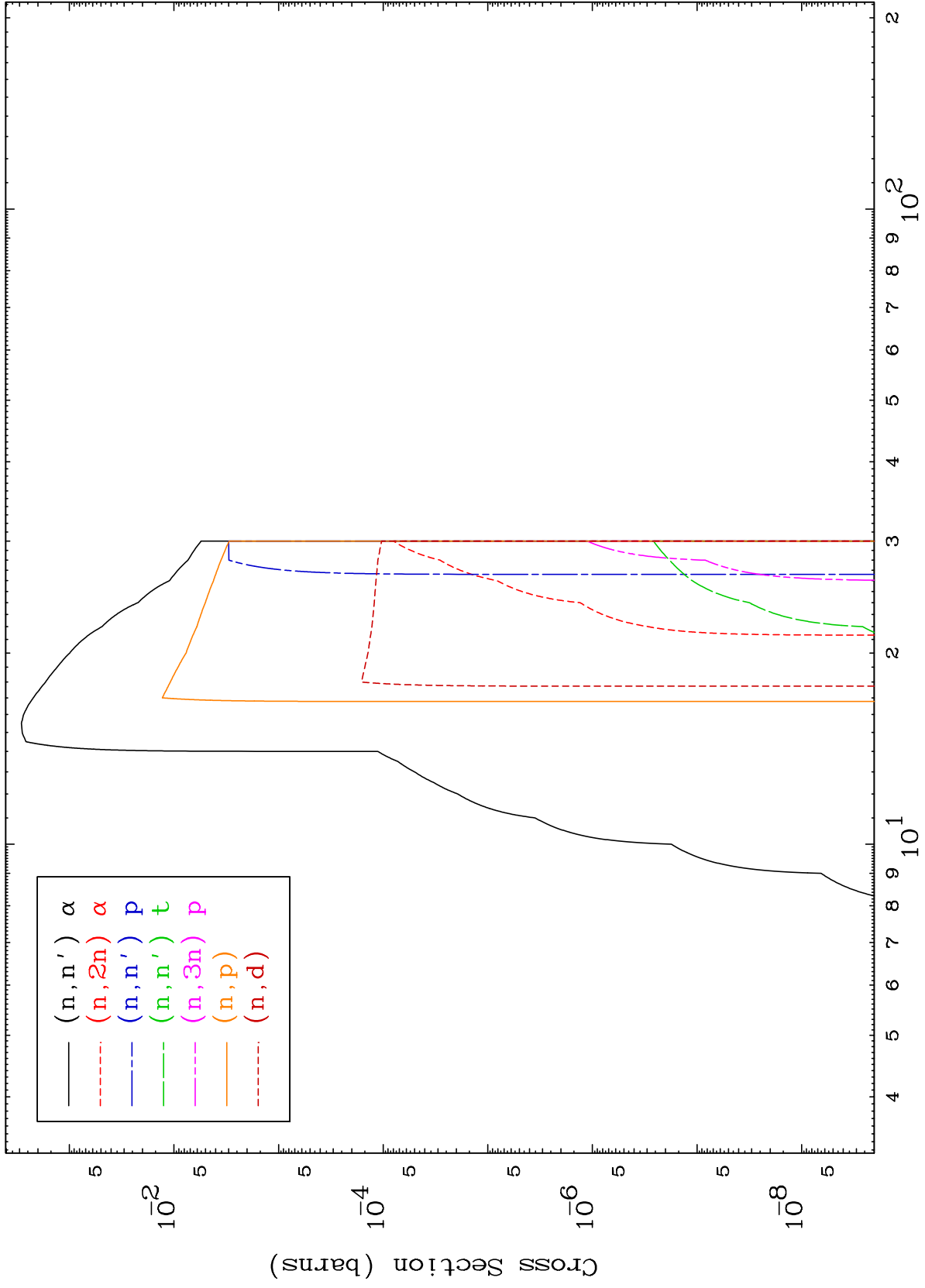
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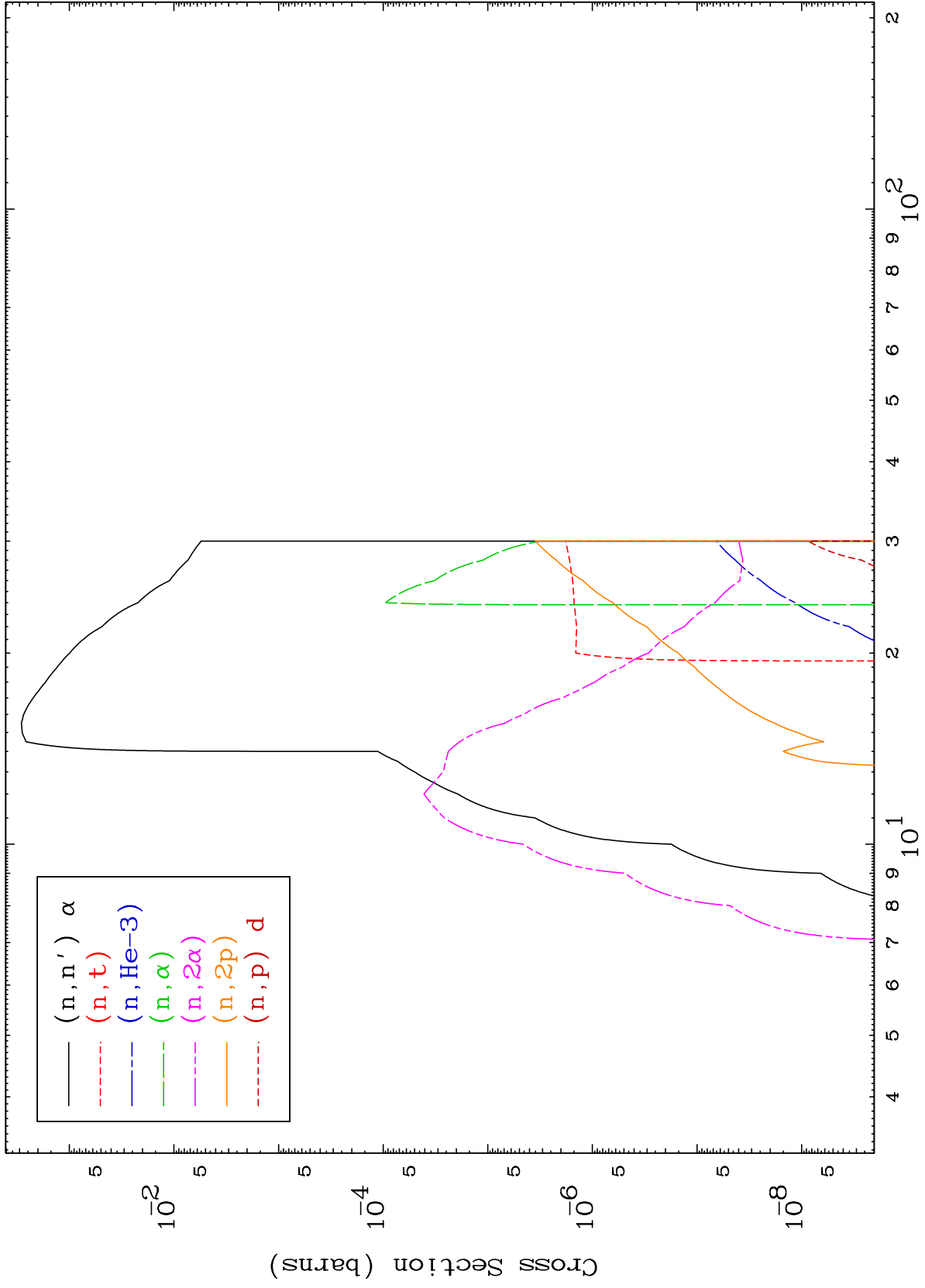
Press Mouse Button to Start



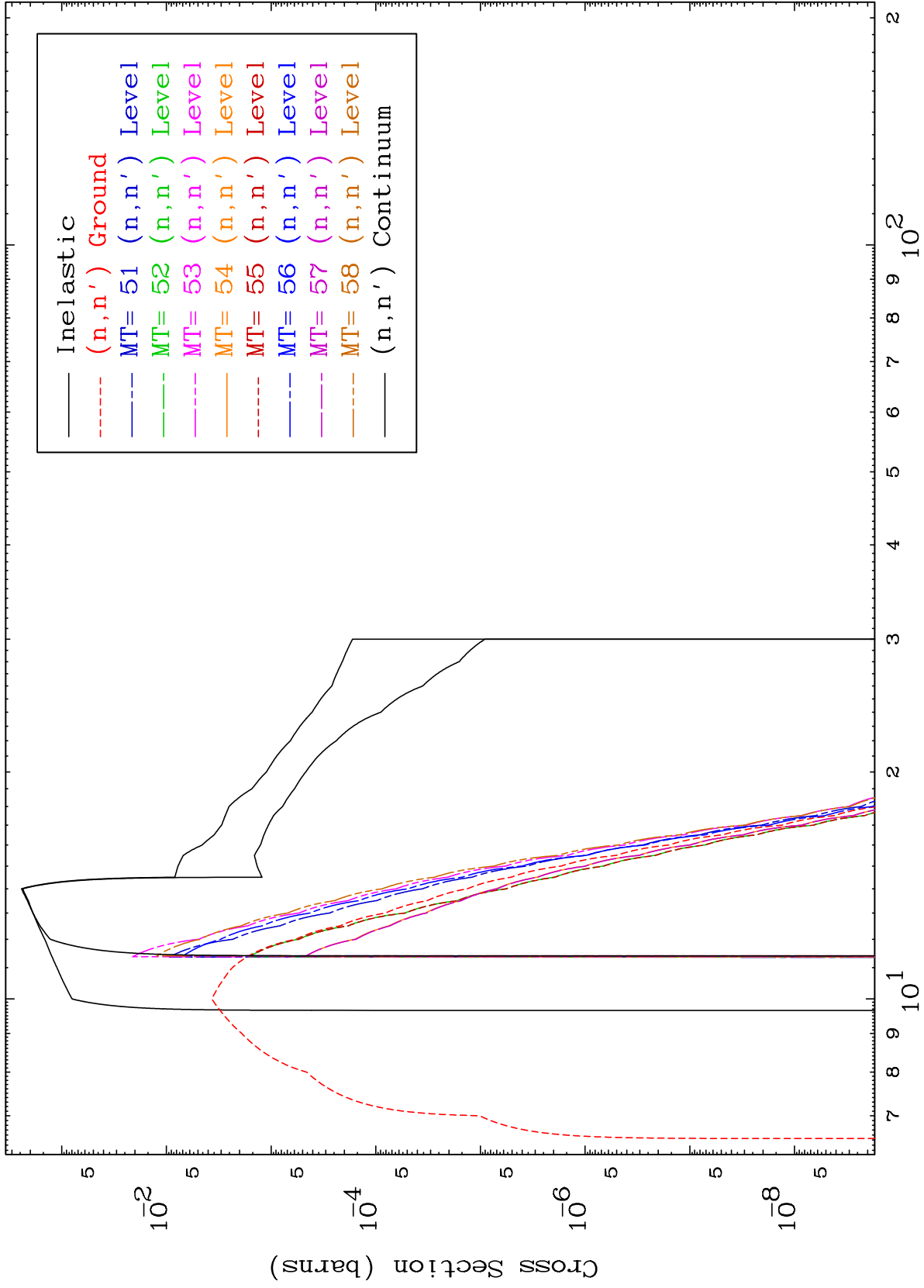








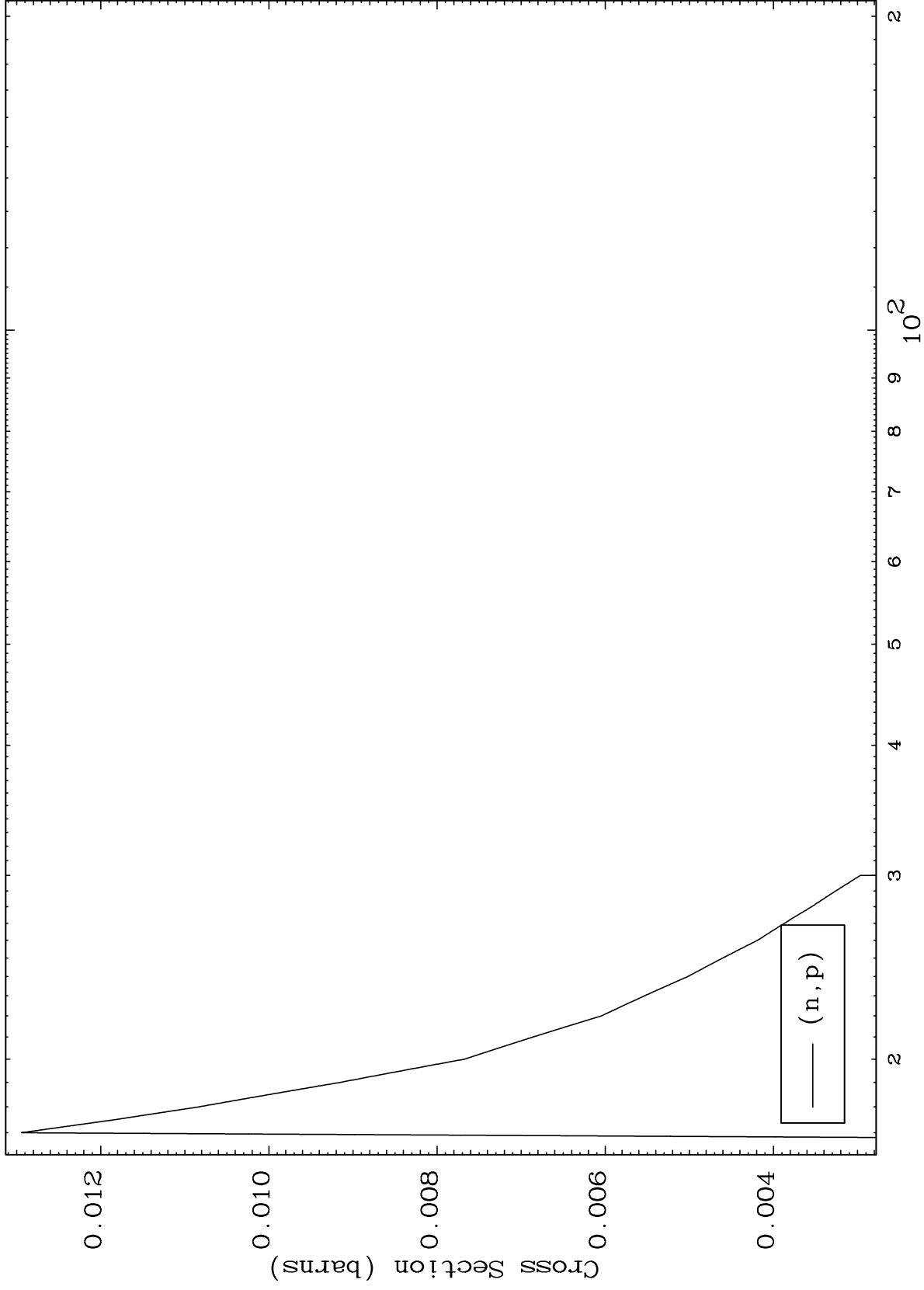
0 Kelvin Cross Sections



MAT 7102

(γ, p) Levels
0 Kelvin Cross Sections

⁷¹Lu-167m



7

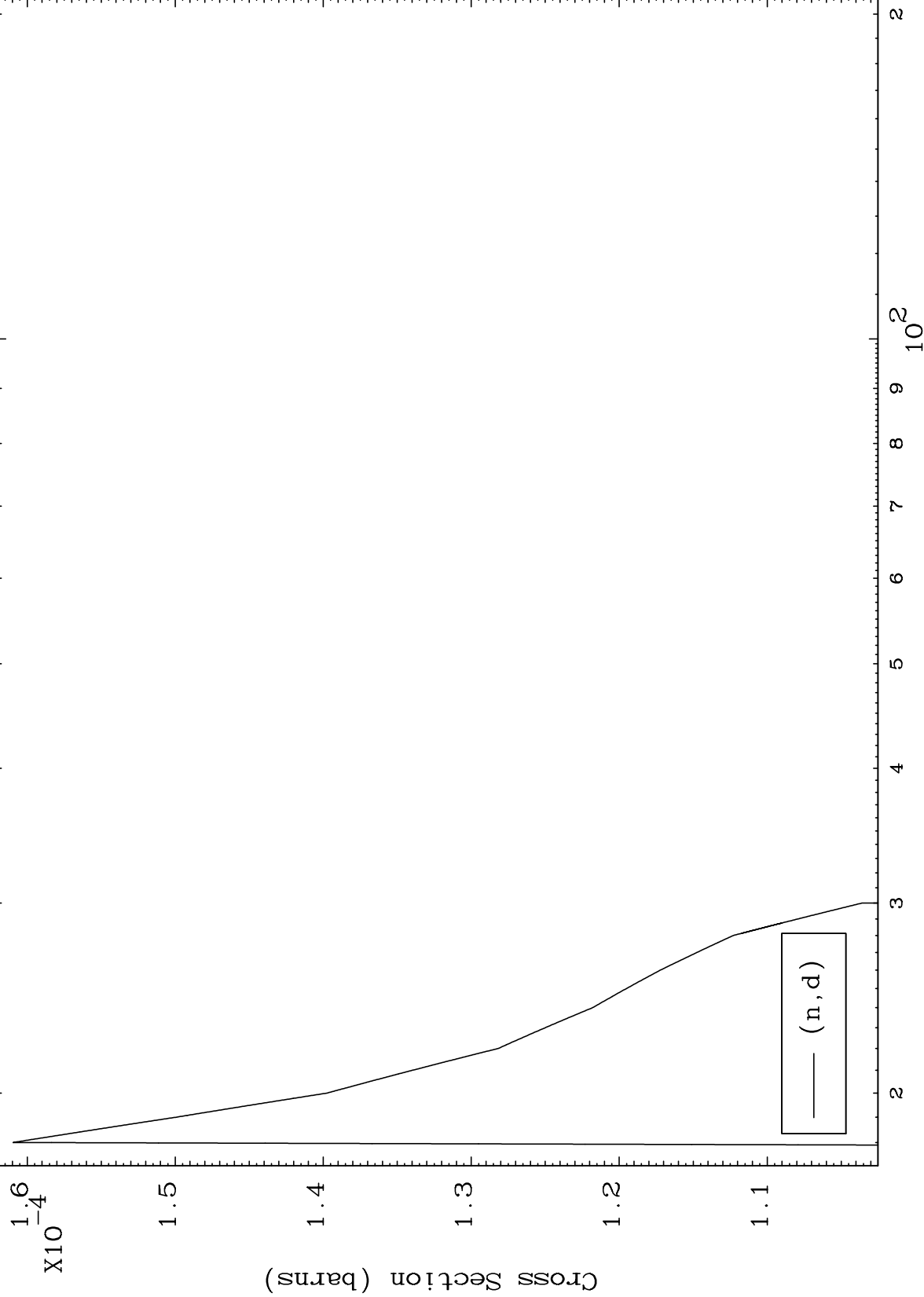
Incident Energy (MeV)

⁷¹Lu-167m

MAT 7102

(γ, d) Levels
0 Kelvin Cross Sections

$^{71}\text{Lu-167m}$



8

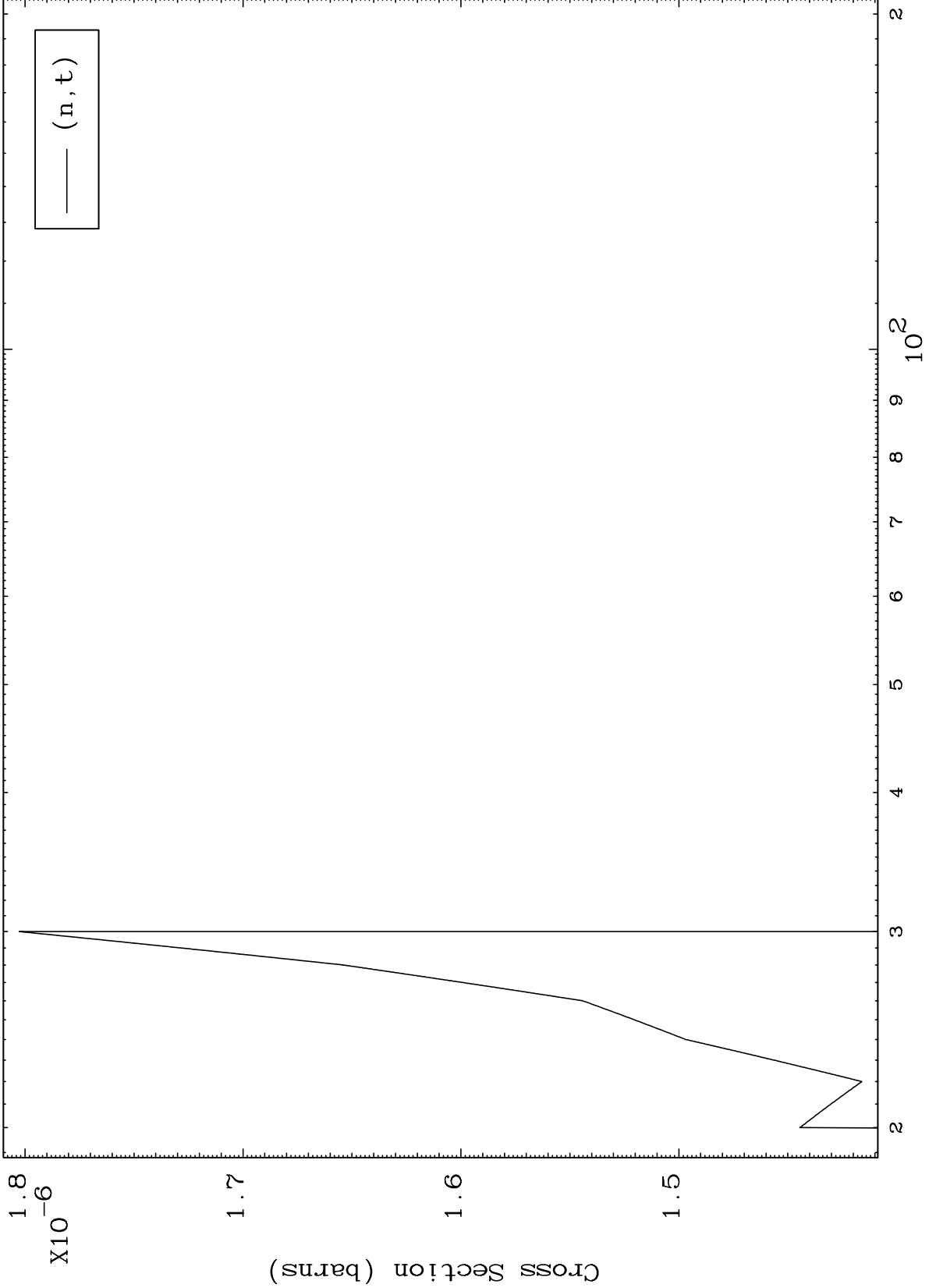
Incident Energy (MeV)

$^{71}\text{Lu-167m}$

MAT 7102

(γ, t) Levels
0 Kelvin Cross Sections

71-Lu-167m



9

Incident Energy (MeV)

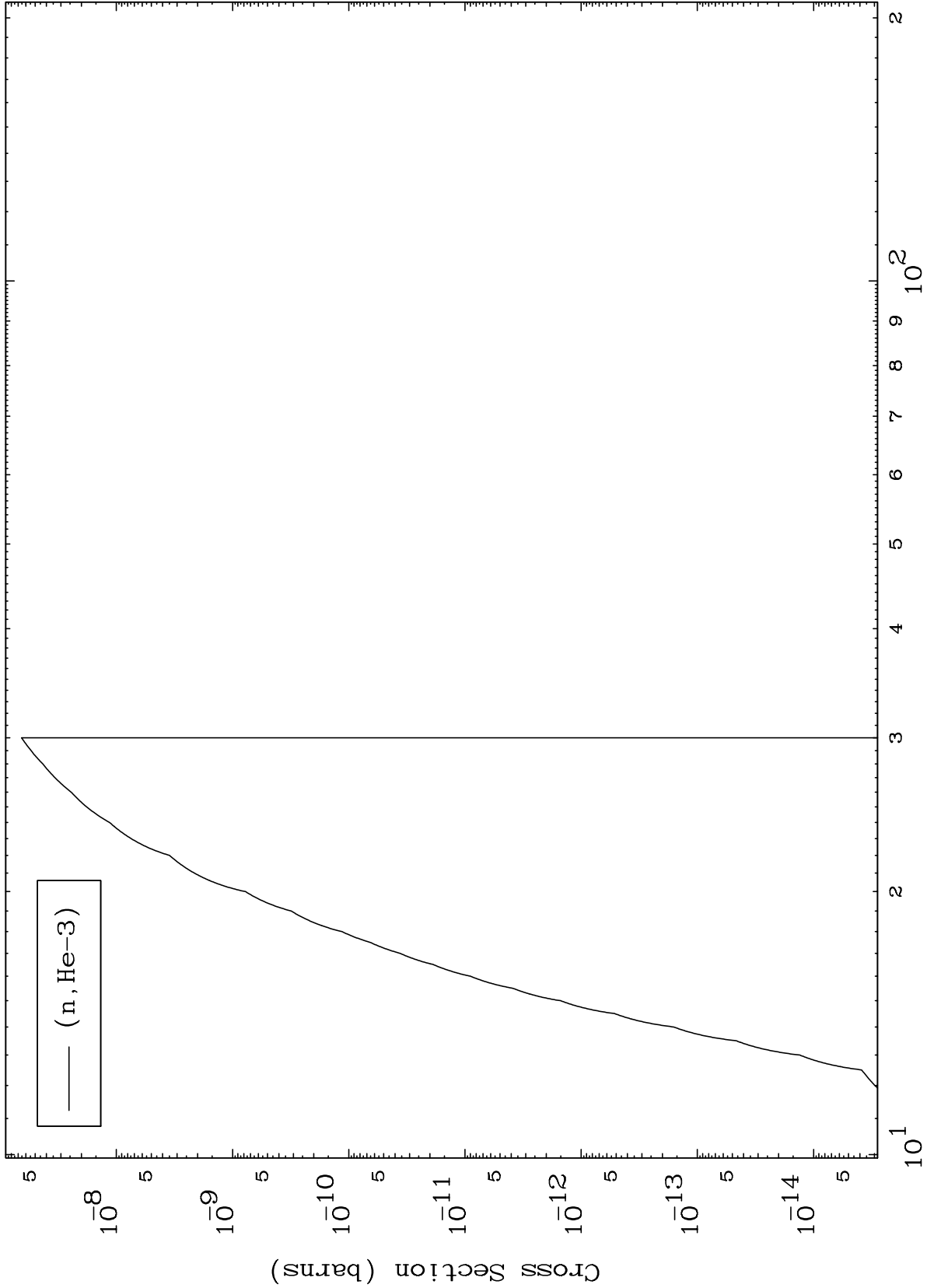
71-Lu-167m

MAT 7102

(γ , He3) Levels

⁷¹Lu-167m

0 Kelvin Cross Sections



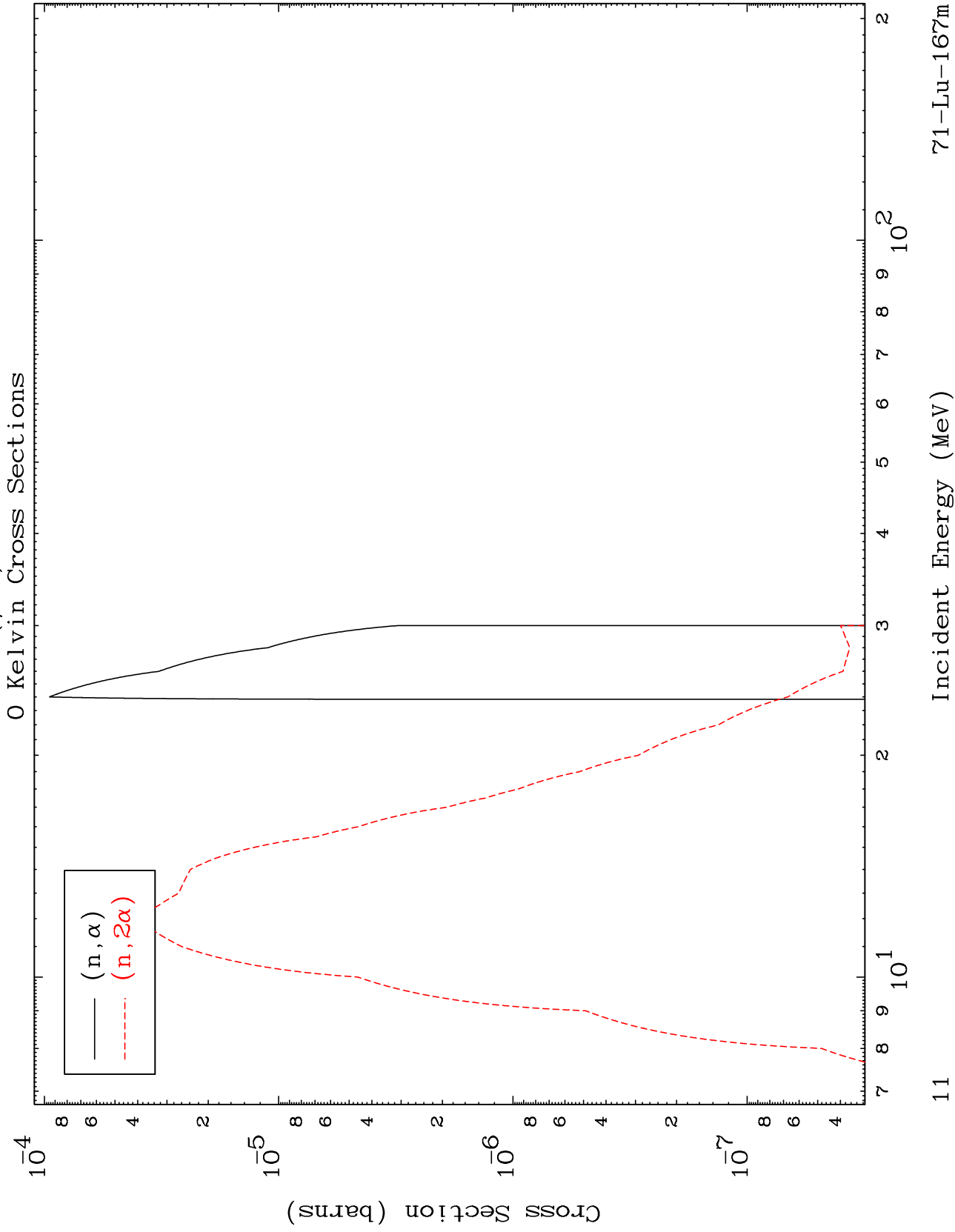
Incident Energy (MeV)

⁷¹Lu-167m

MAT 7102

(γ, α) Levels

⁷¹Lu-167m

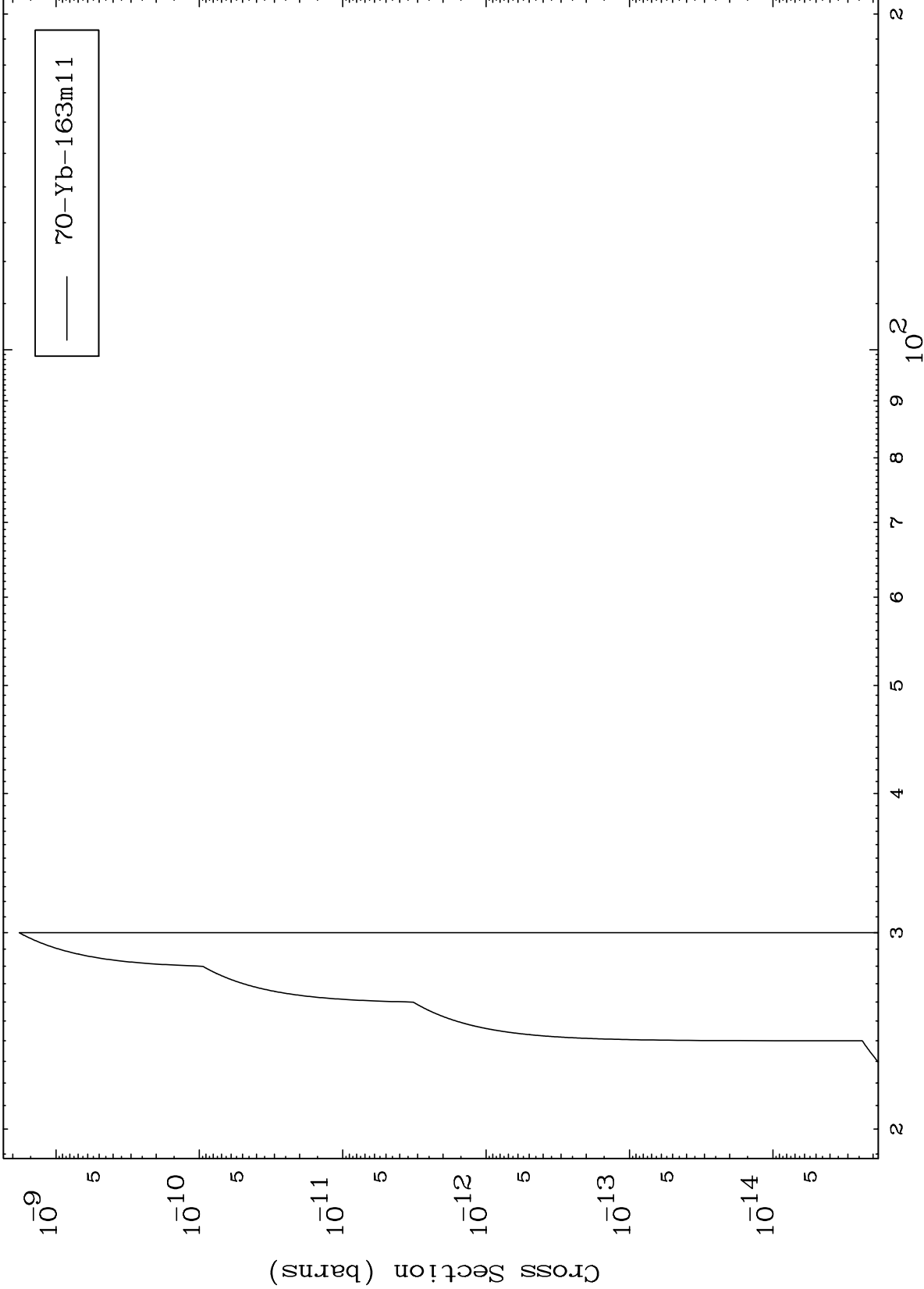


MAT 7102

(n,2n) d

⁷¹Lu-167m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

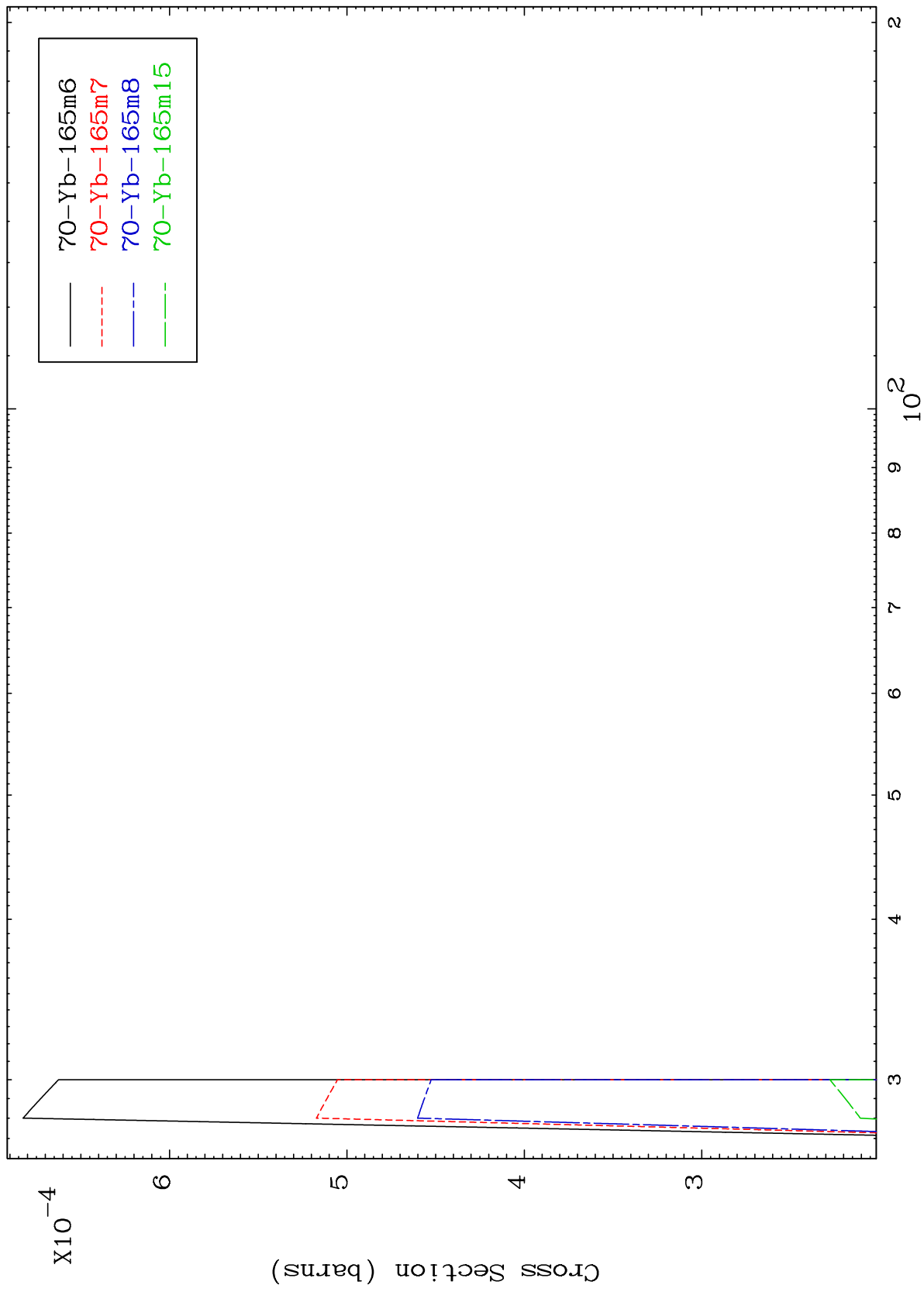
⁷¹Lu-167m

MAT 7102

(n, n') p

$^{71}\text{Lu}-167\text{m}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

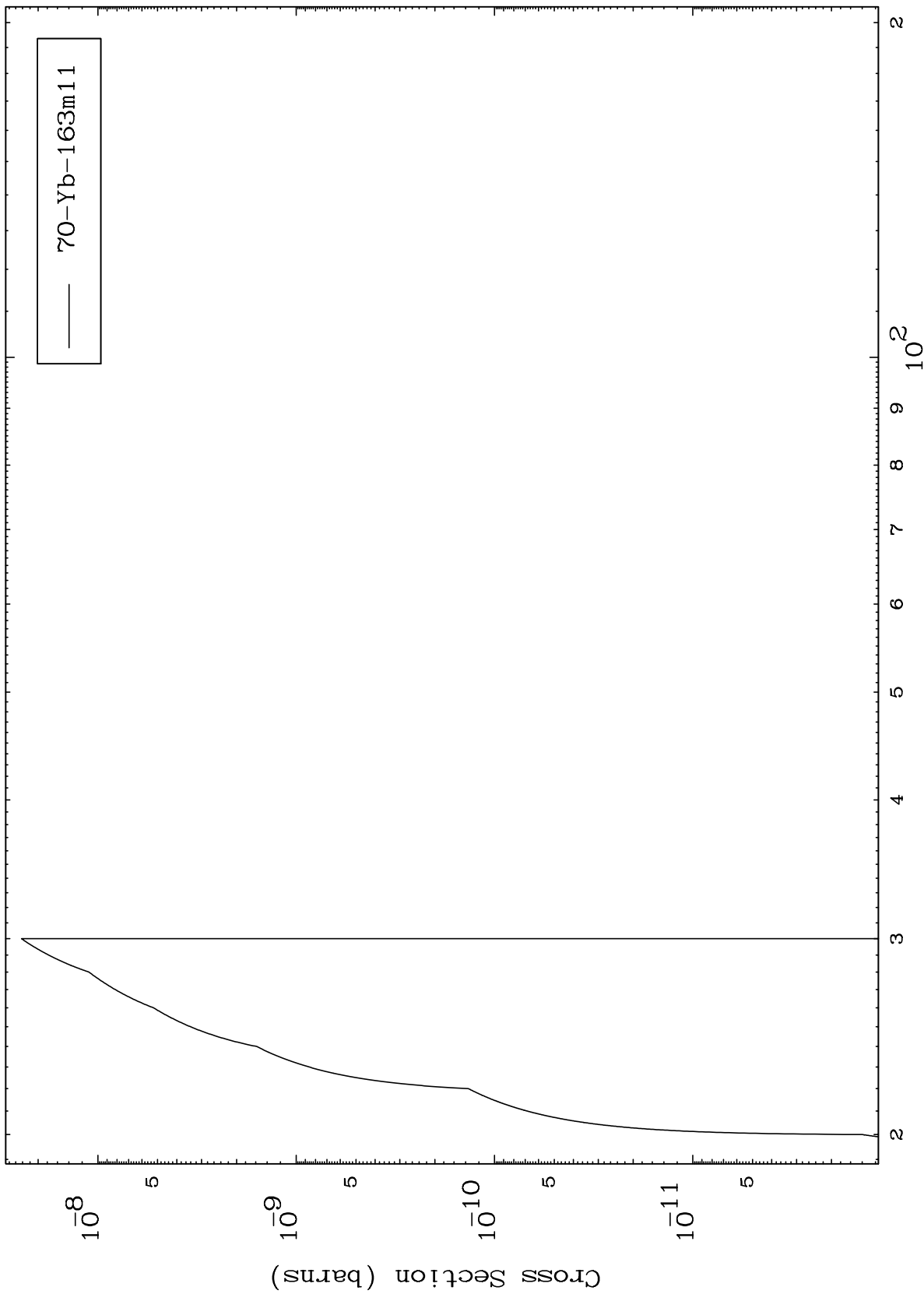
$^{71}\text{Lu}-167\text{m}$

MAT 7102

(n,n') t

71-Lu-167m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

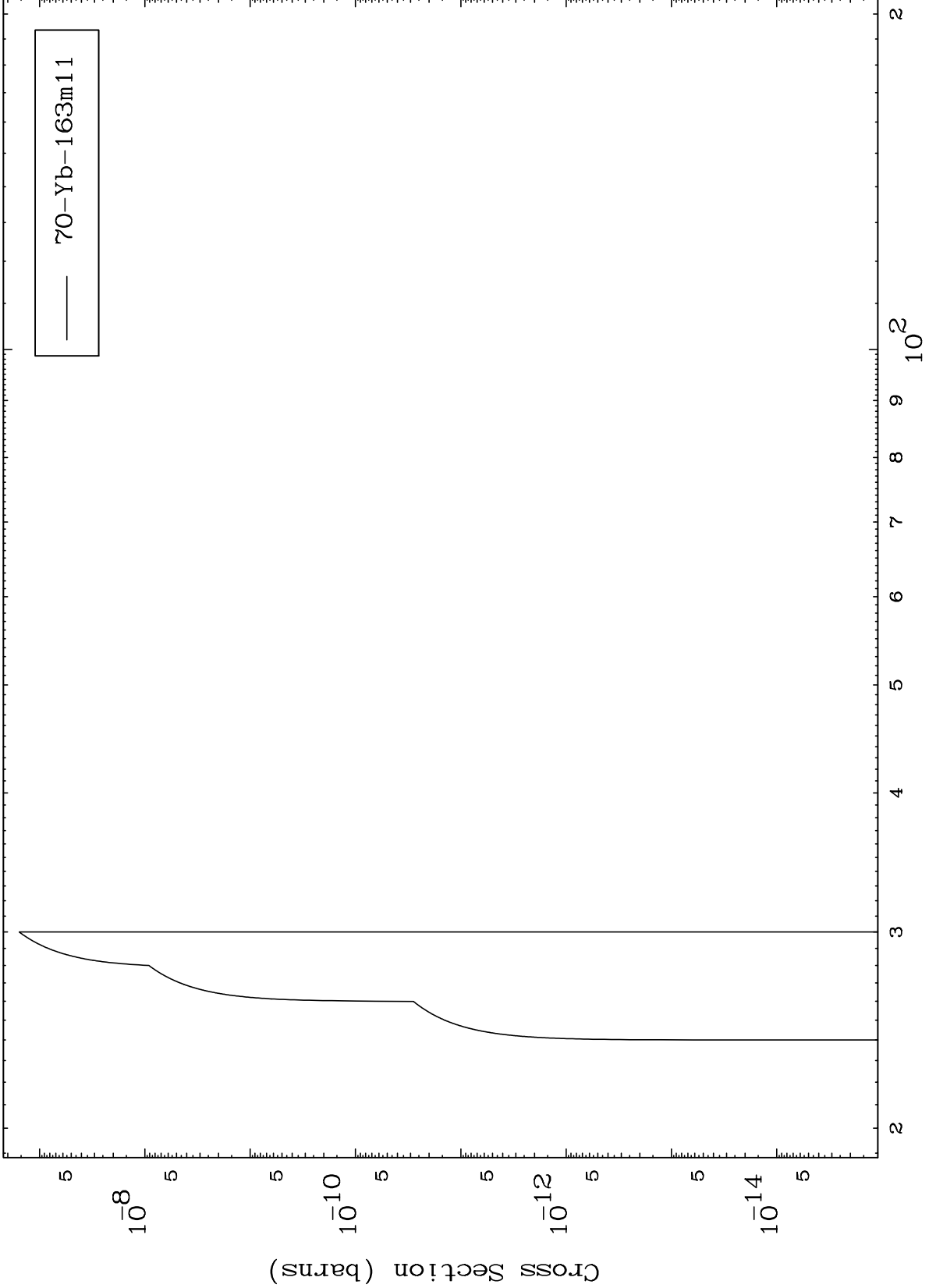
71-Lu-167m

MAT 7102

(n,3n) p

71-Lu-167m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

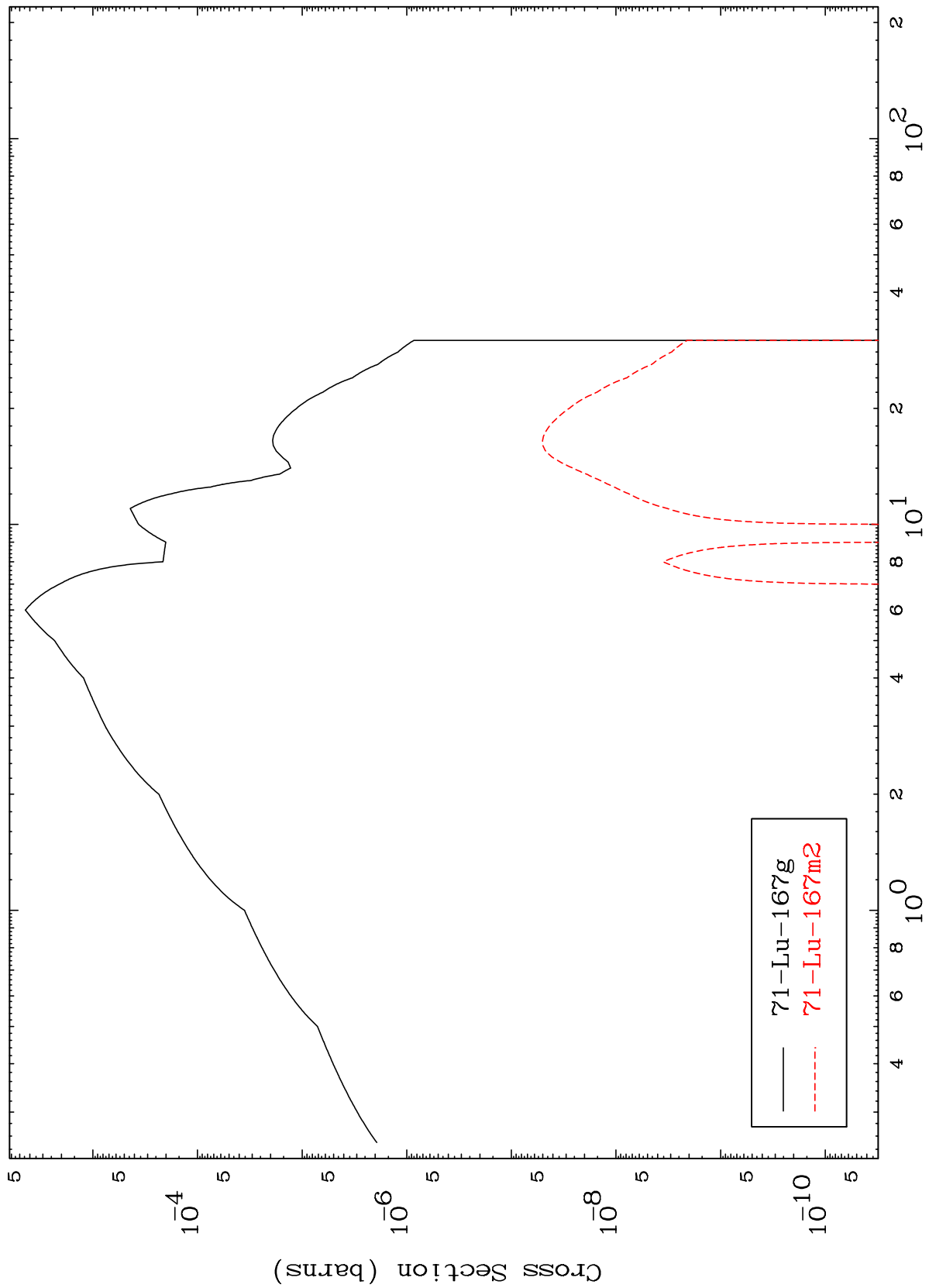
71-Lu-167m

MAT 7102

⁷¹Lu-167m

Radionuclide Production Cross Section

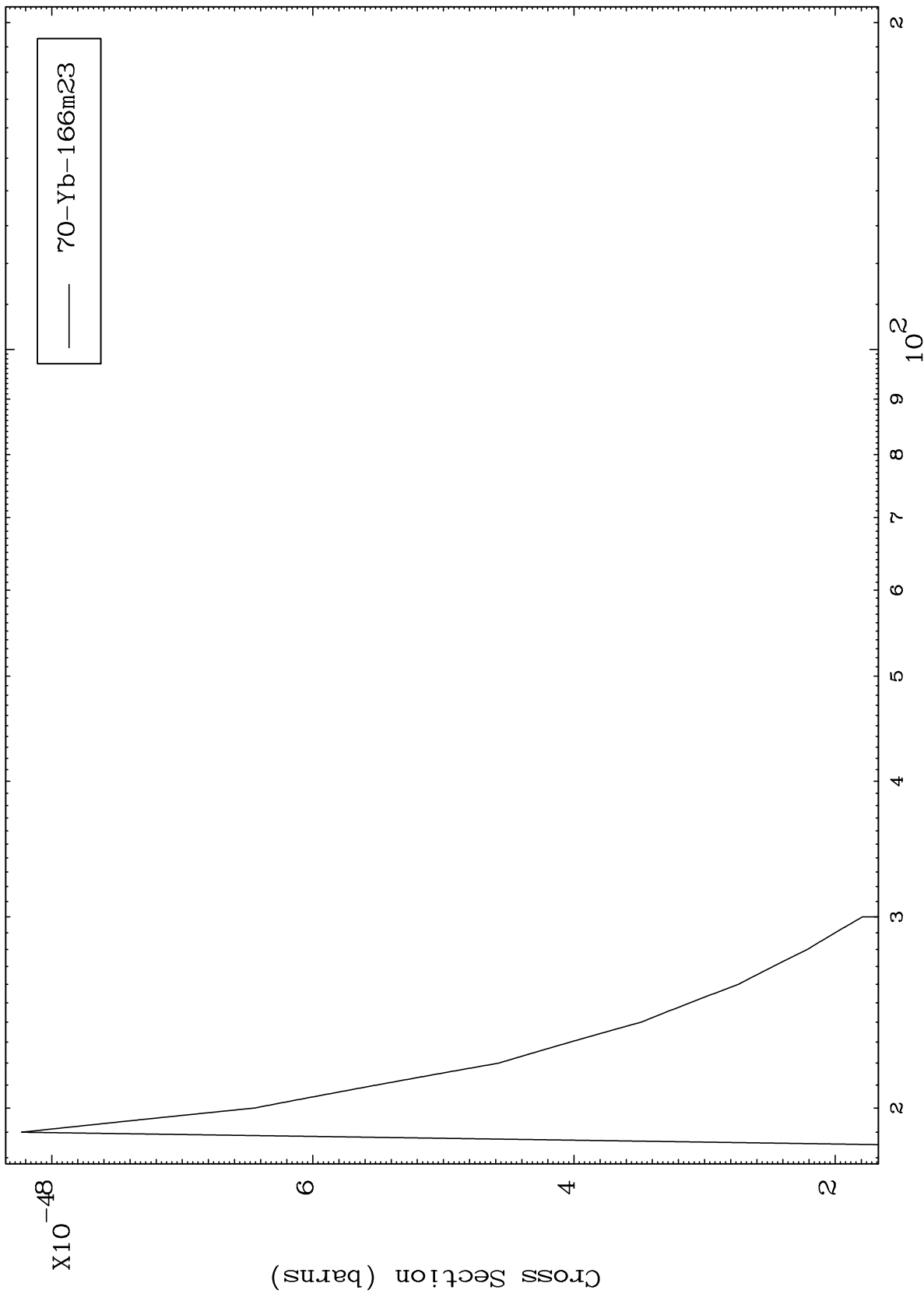
(n,γ)



MAT 7102

⁷¹Lu-167m

(n,p)
Radionuclide Production Cross Section



⁷¹Lu-167m

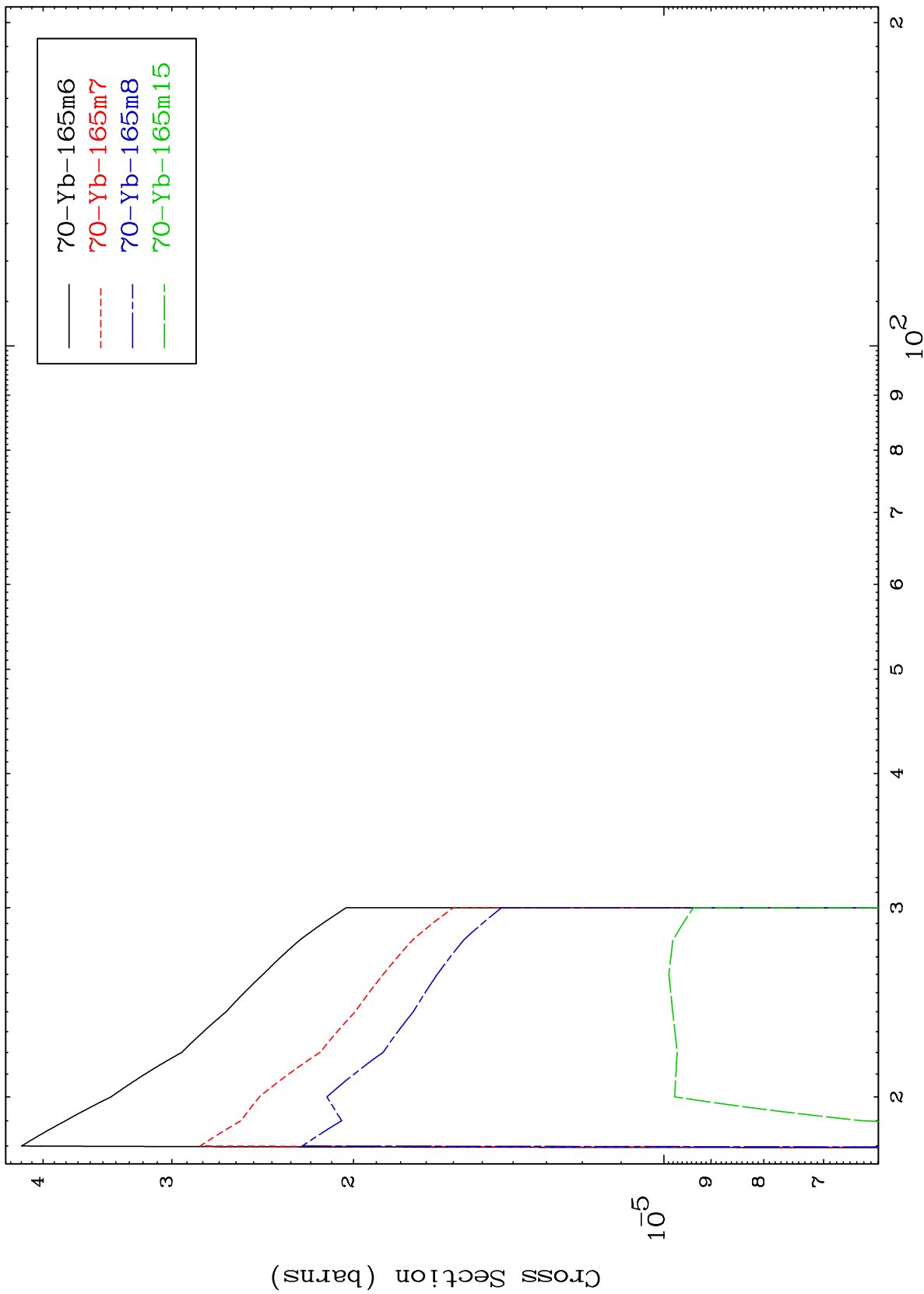
Incident Energy (MeV)

17

MAT 7102

71-Lu-167m

(n,d)
Radionuclide Production Cross Section

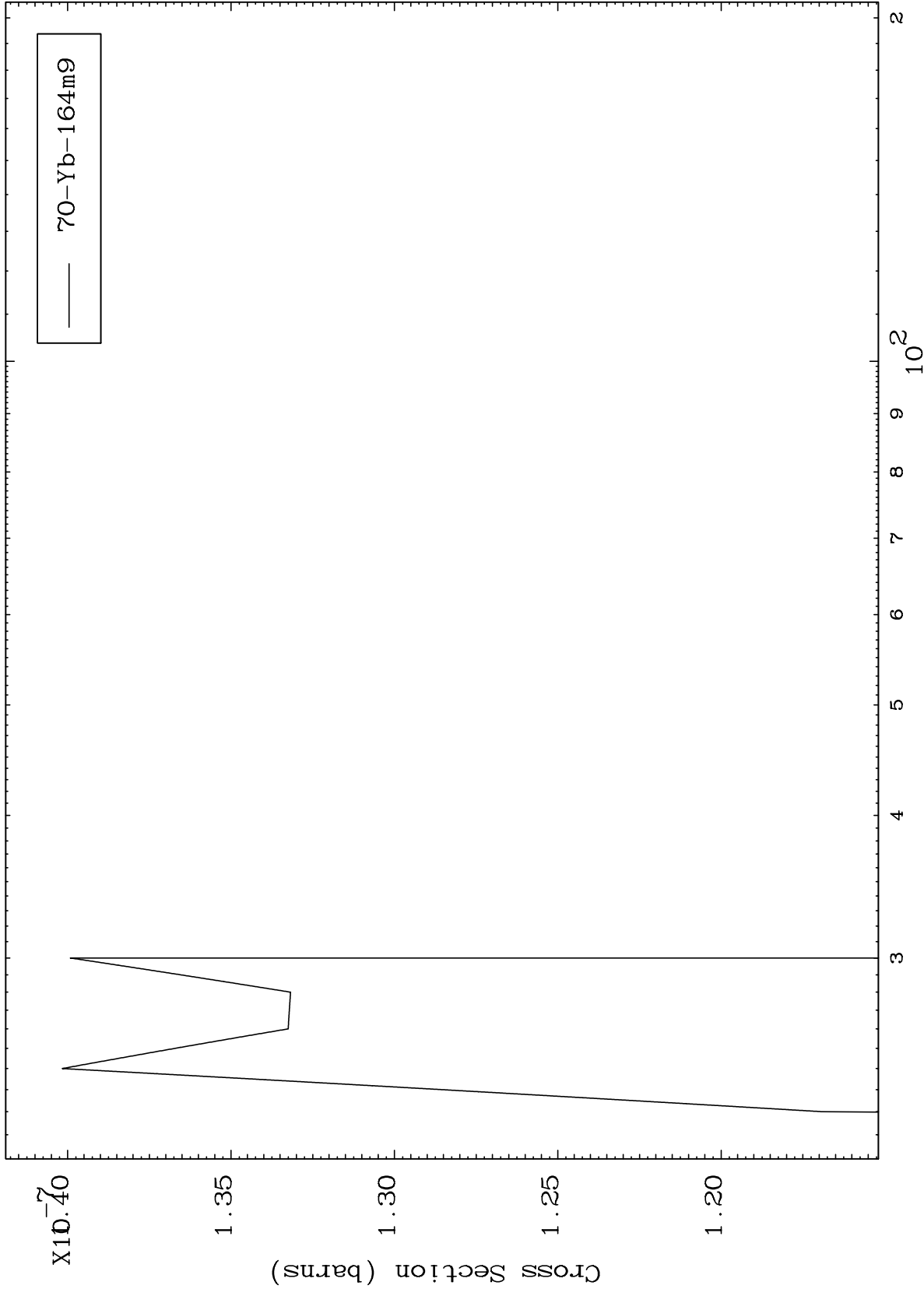


71-Lu-167m

Incident Energy (MeV)

18

(n, t)
Radionuclide Production Cross Section

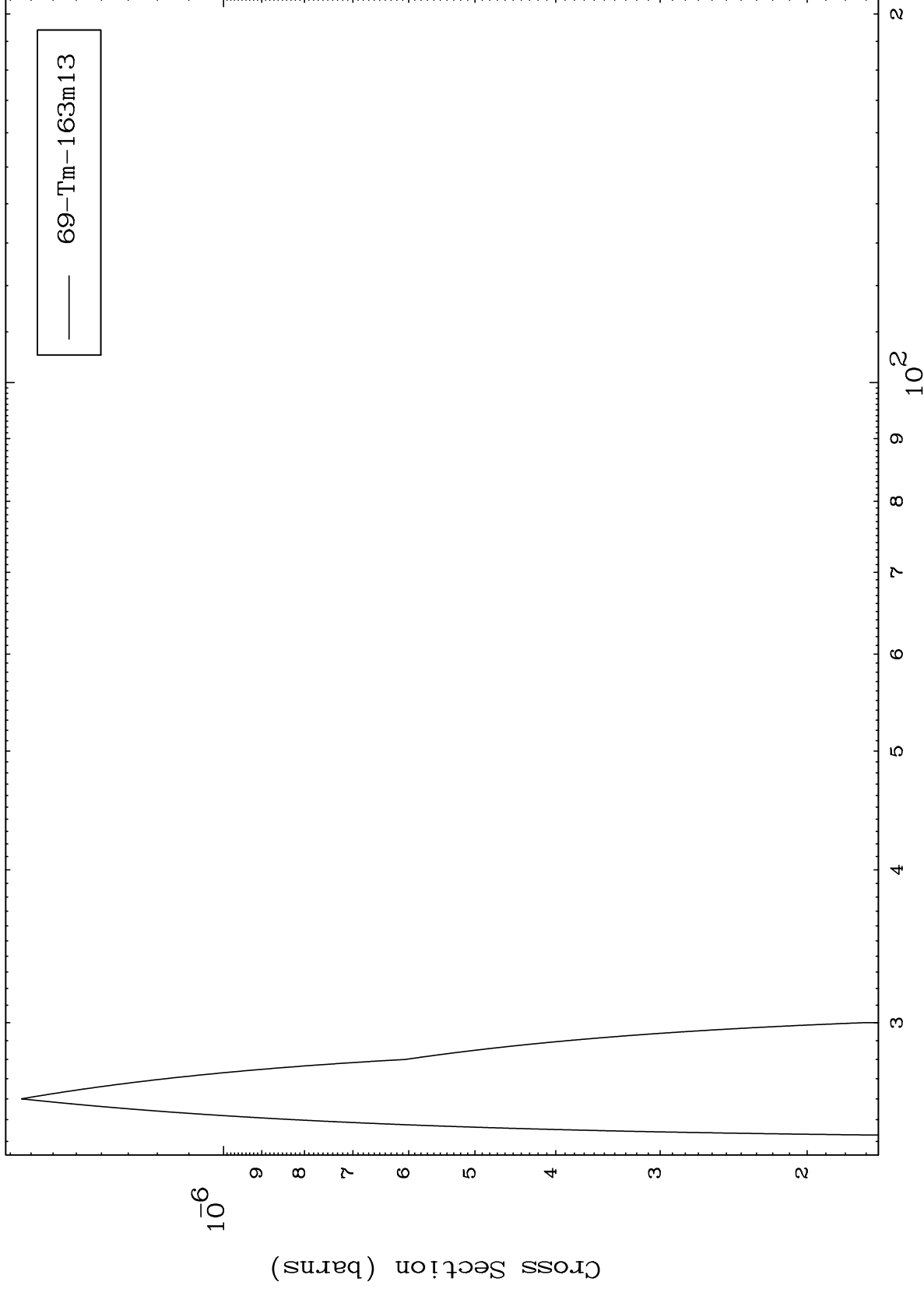


70-Yb-164m9

MAT 7102

71-Lu-167m

(n, α)
Radionuclide Production Cross Section



20

71-Lu-167m