

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

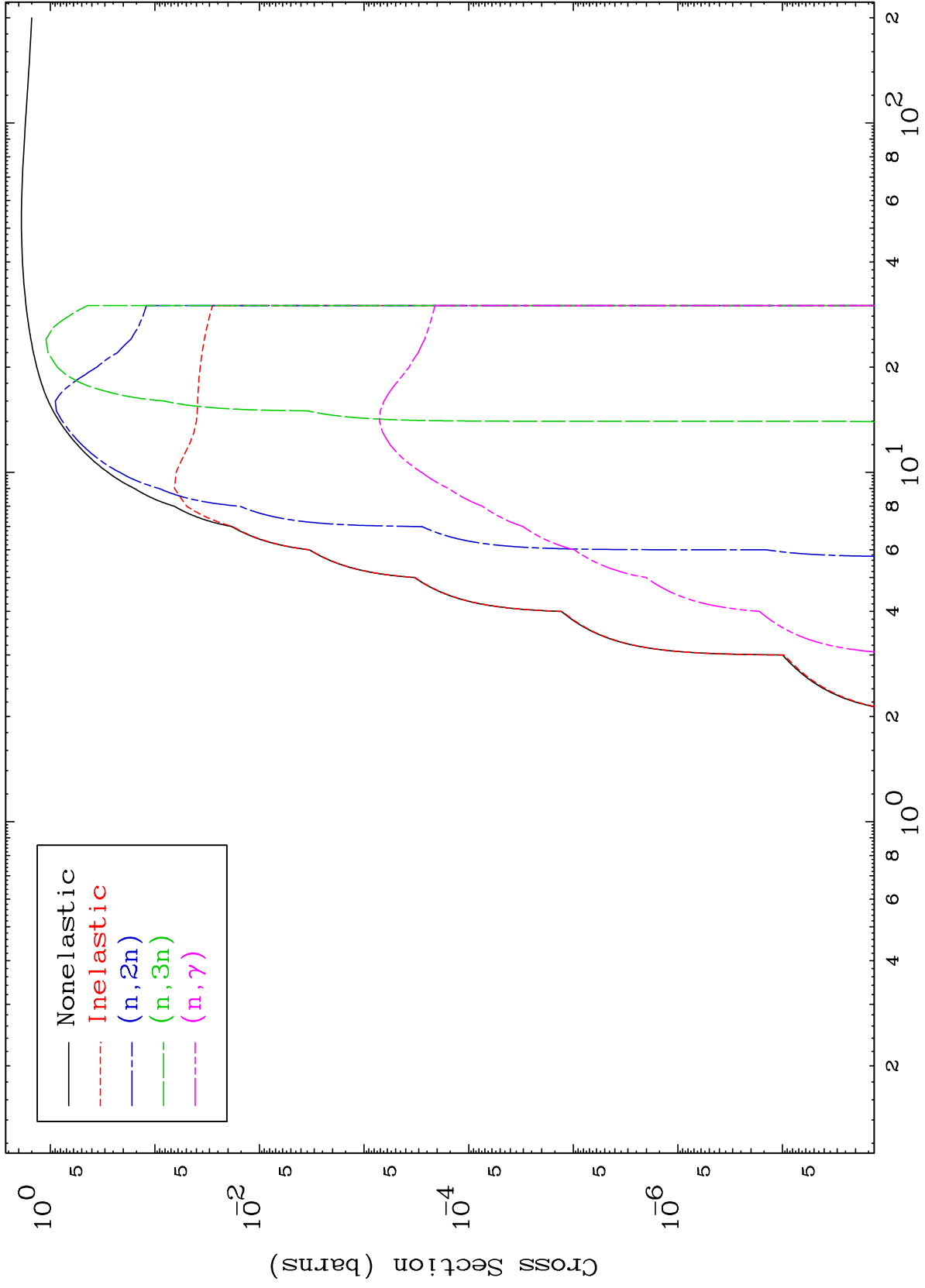
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

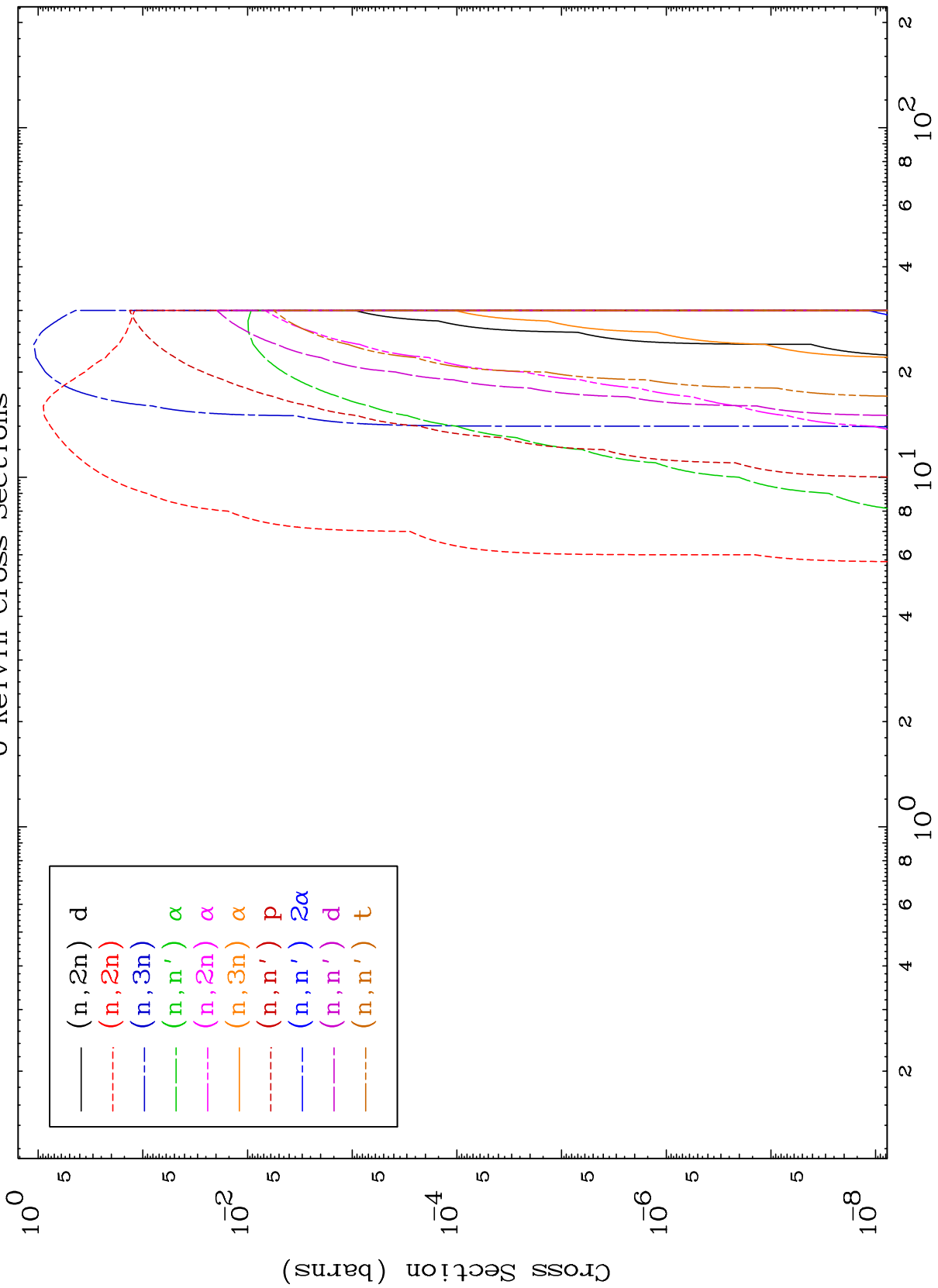
Press Mouse Button to Start



MAT 7132

Proton Neutron Absorption
0 Kelvin Cross Sections

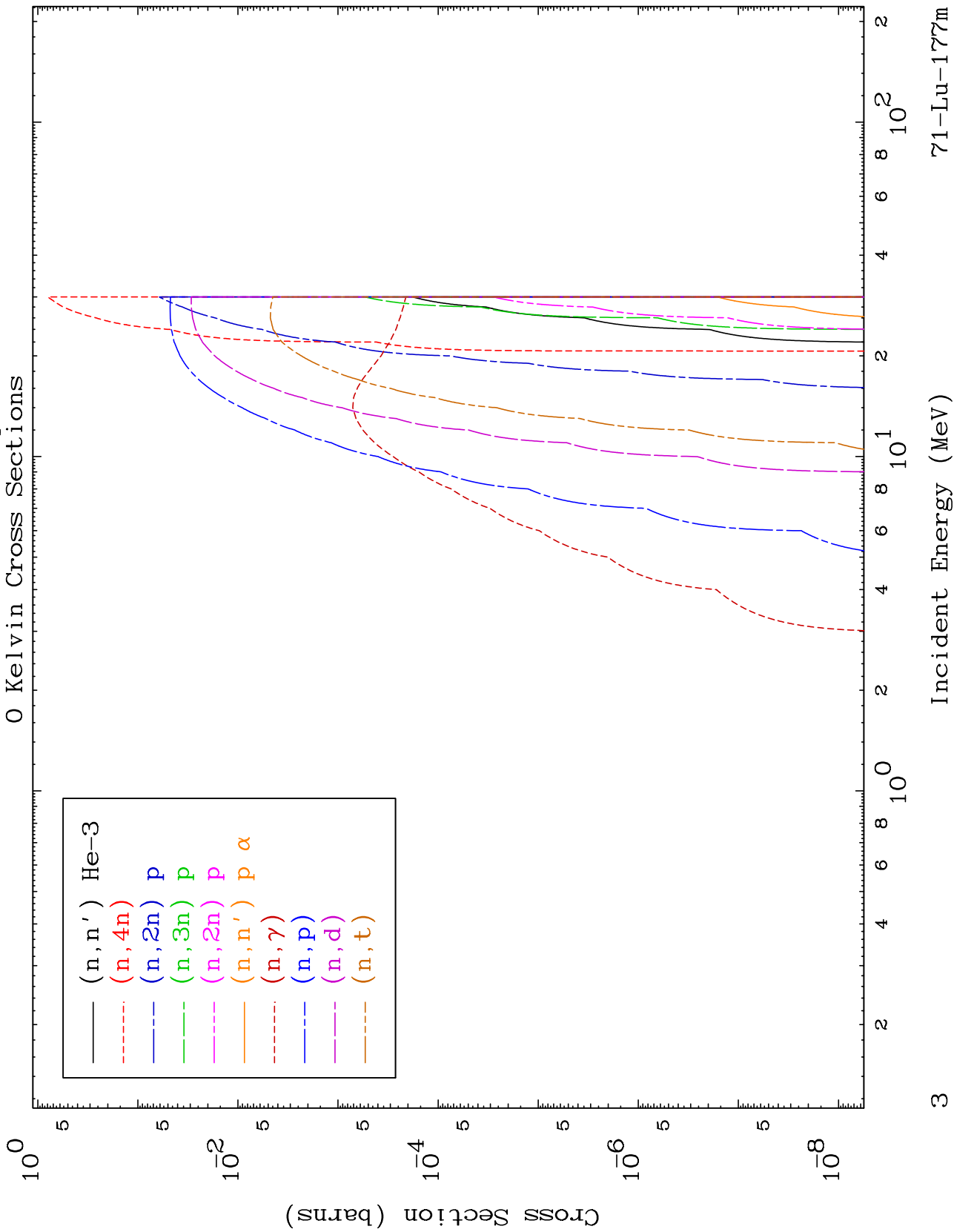
71-Lu-177m



MAT 7132

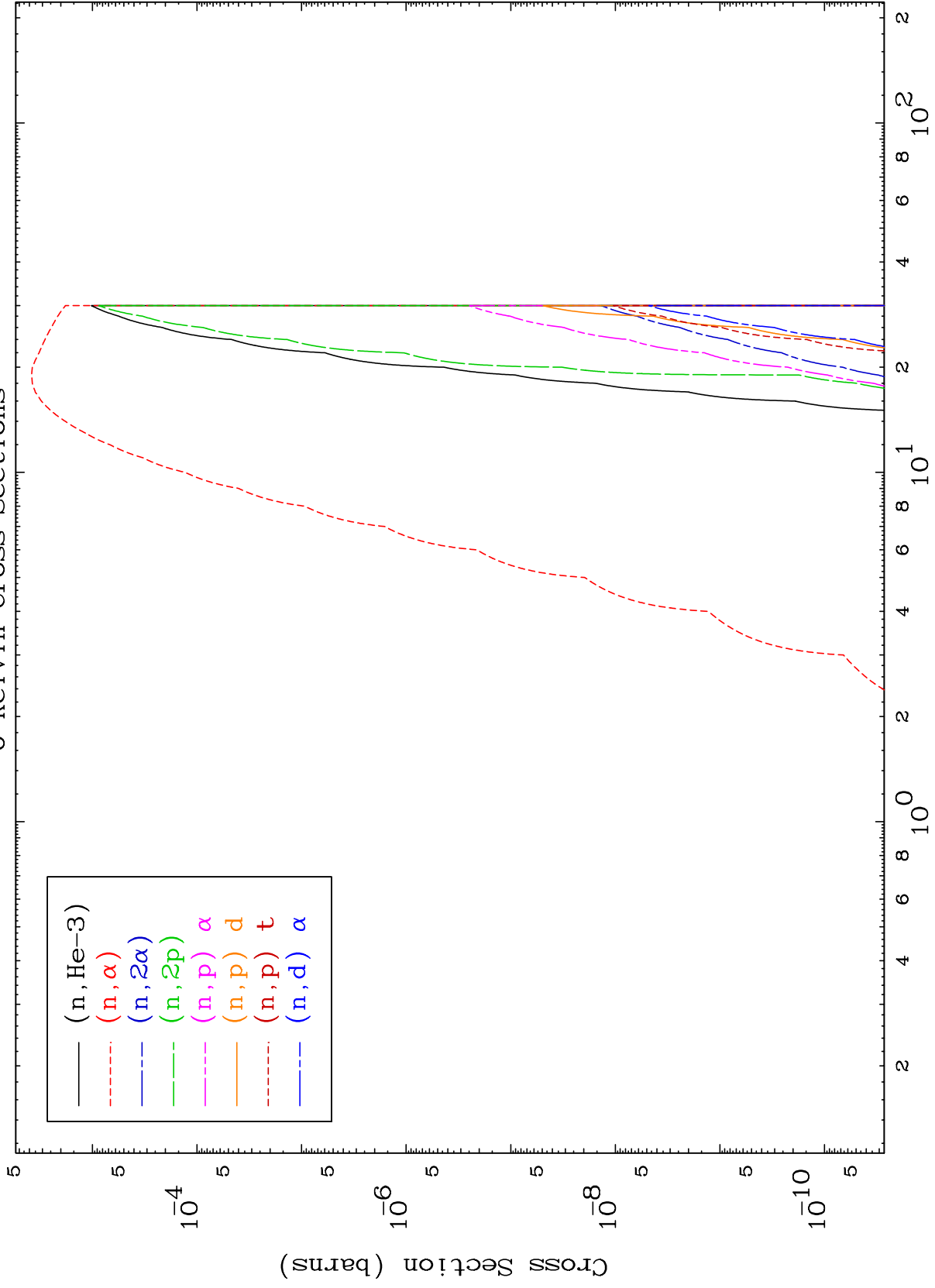
Proton Neutron Absorption
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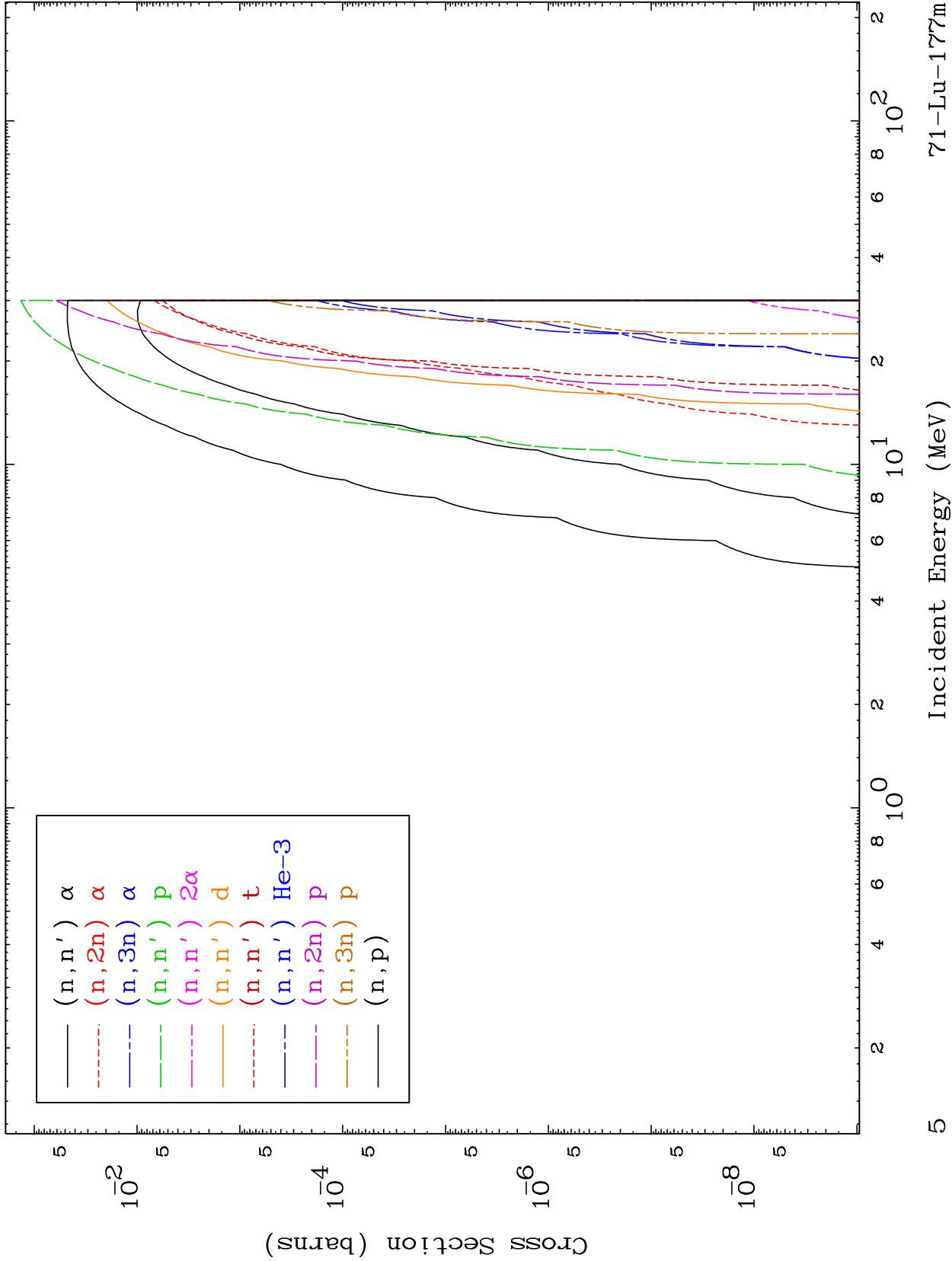
71-Lu-177m

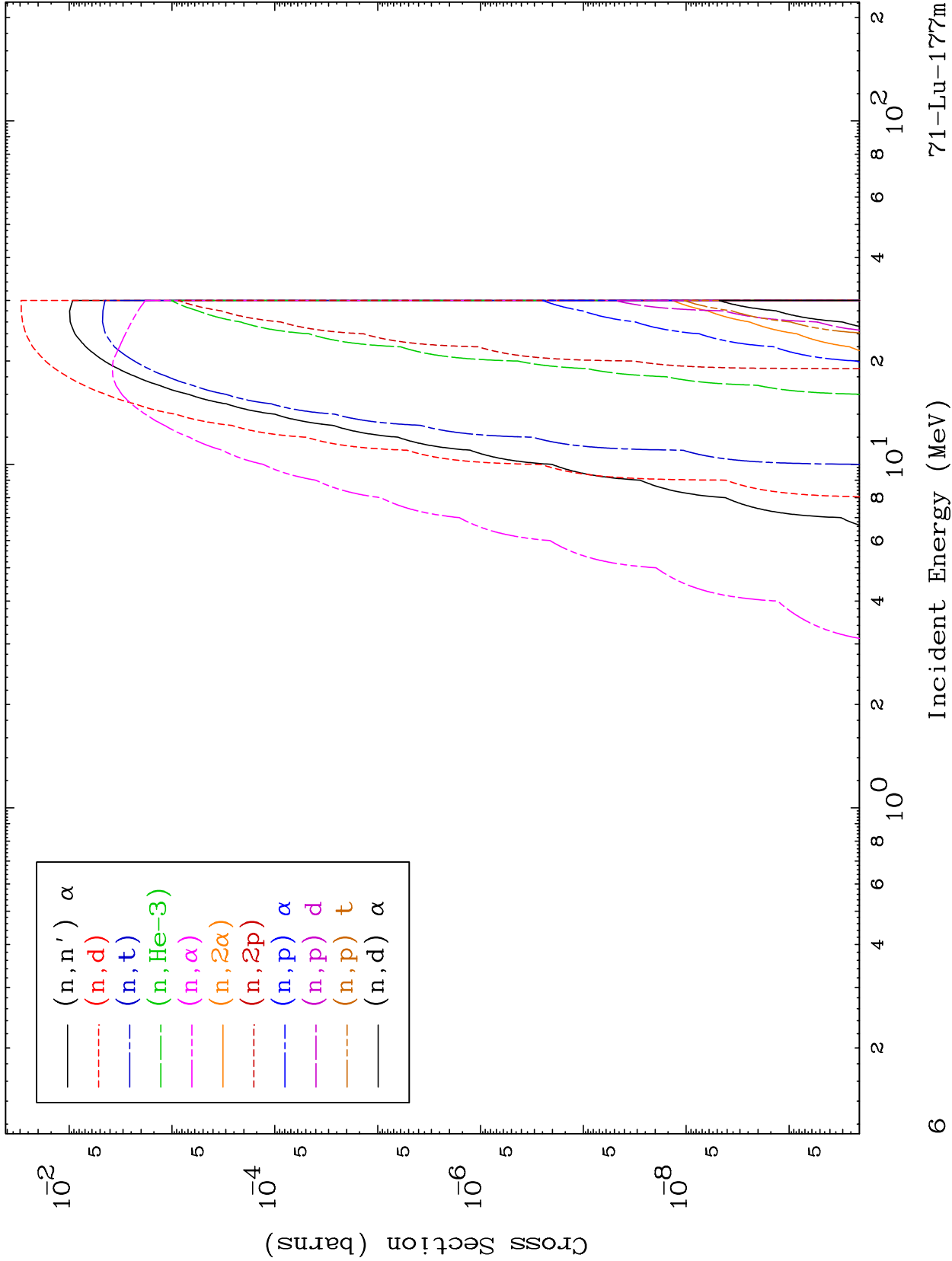


71-Lu-177m

Incident Energy (MeV)





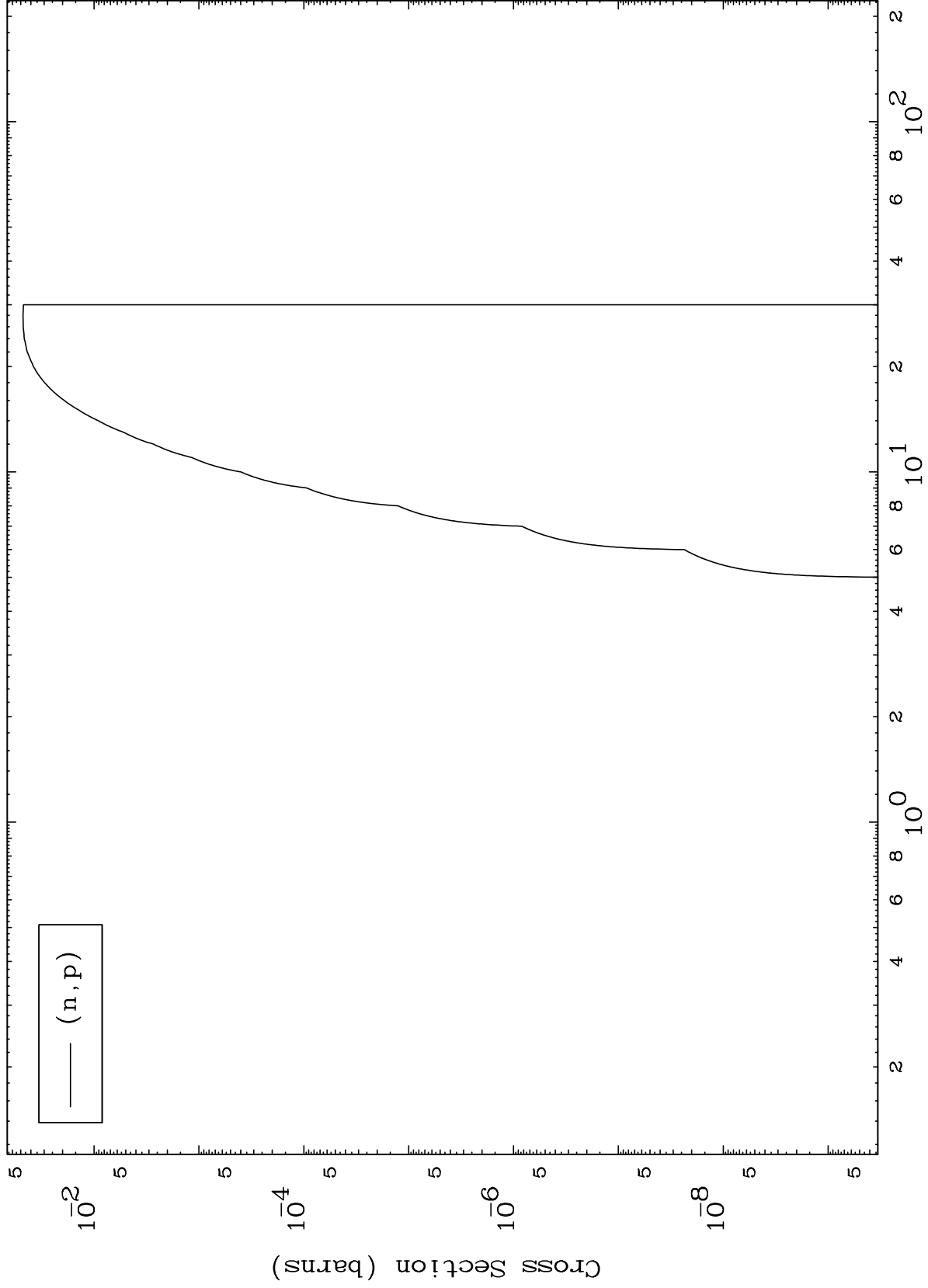


MAT 7132

(p,p) Levels

71-Lu-177m

0 Kelvin Cross Sections



7

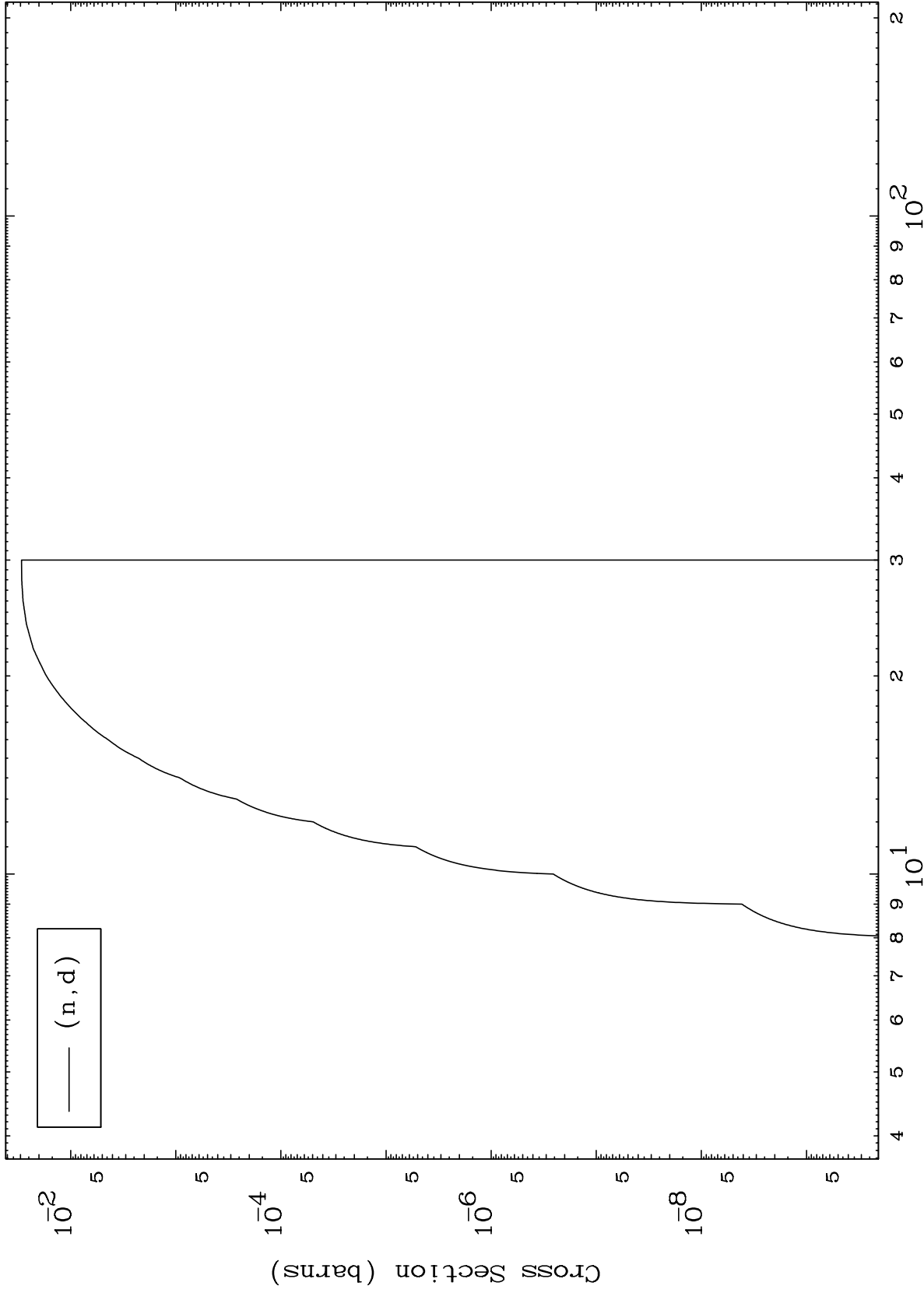
Incident Energy (MeV)

71-Lu-177m

MAT 7132

(p,d) Levels
0 Kelvin Cross Sections

71-Lu-177m



8

Incident Energy (MeV)

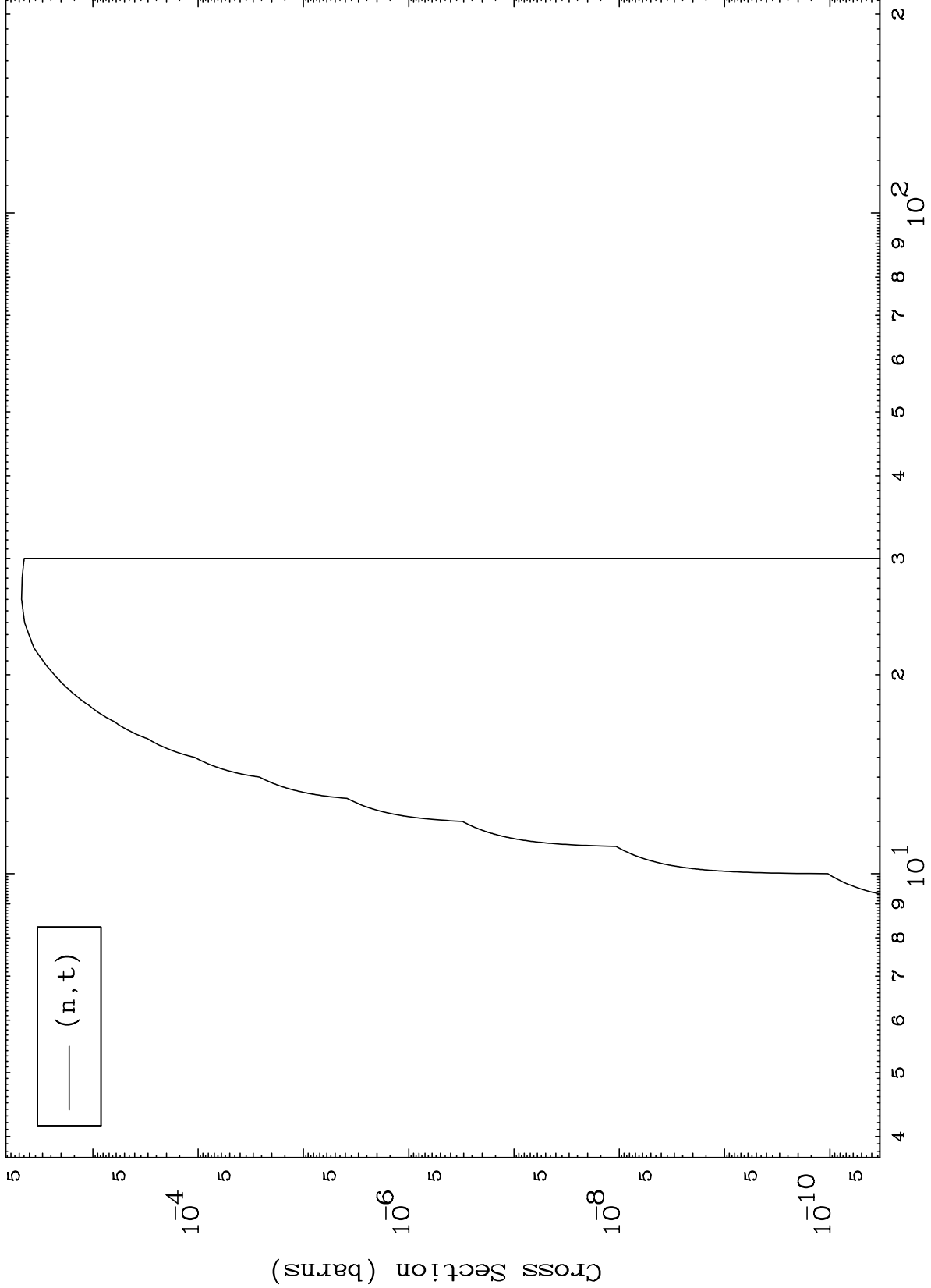
71-Lu-177m

MAT 7132

(p, t) Levels

71-Lu-177m

0 Kelvin Cross Sections



9

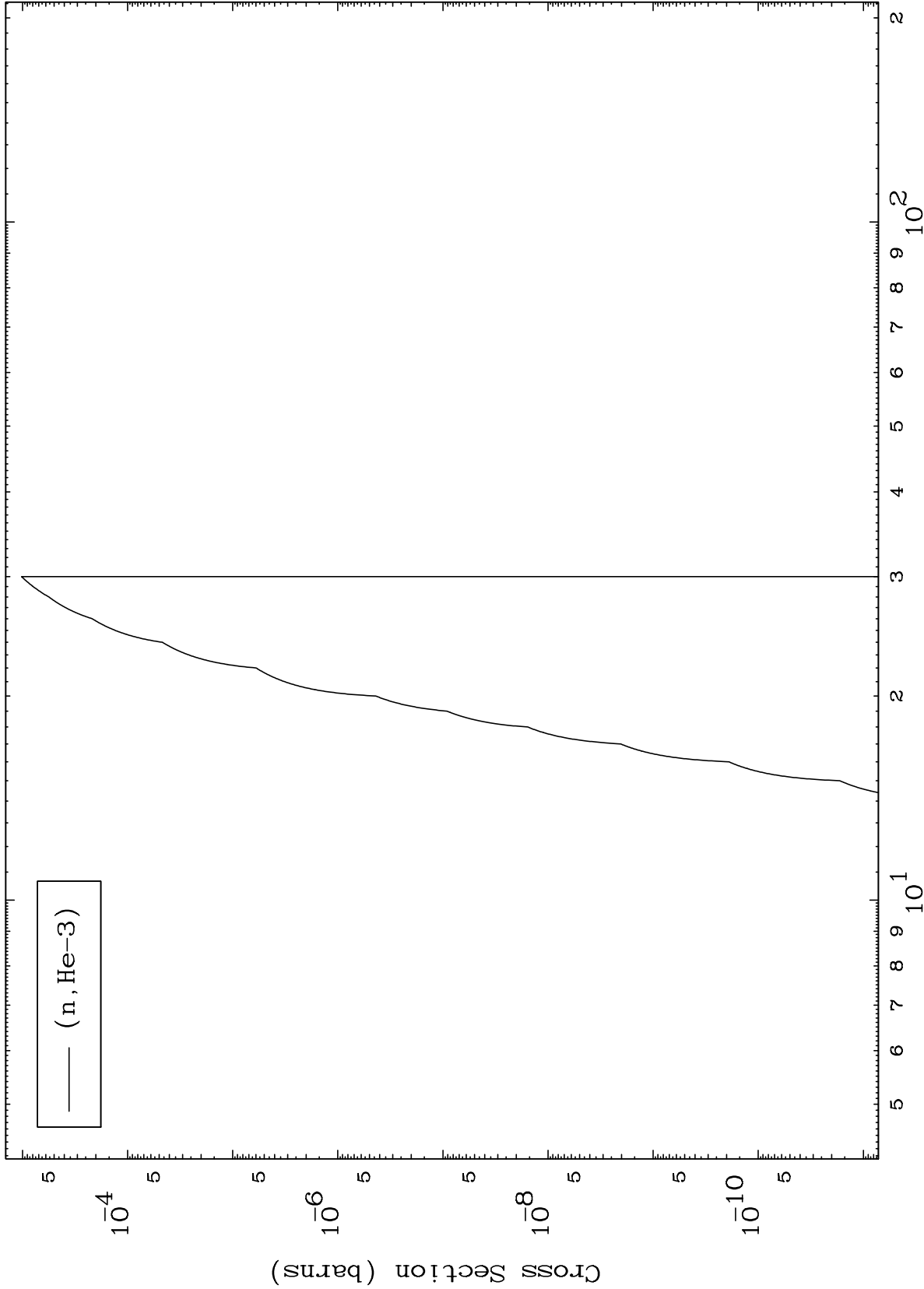
Incident Energy (MeV)

71-Lu-177m

MAT 7132

(p,He3) Levels
0 Kelvin Cross Sections

71-Lu-177m



10

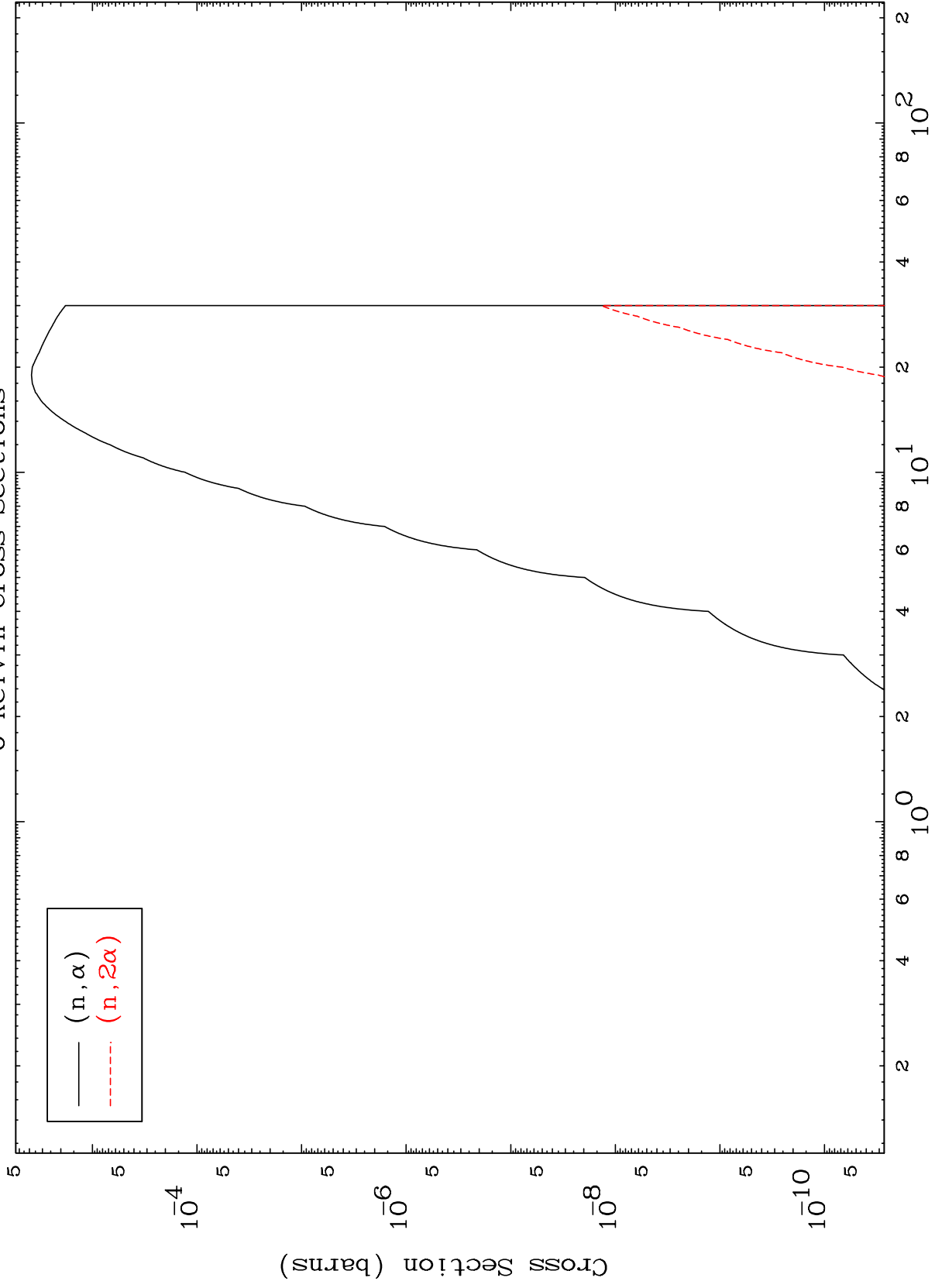
Incident Energy (MeV)

71-Lu-177m

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(p, α) Levels
0 Kelvin Cross Sections

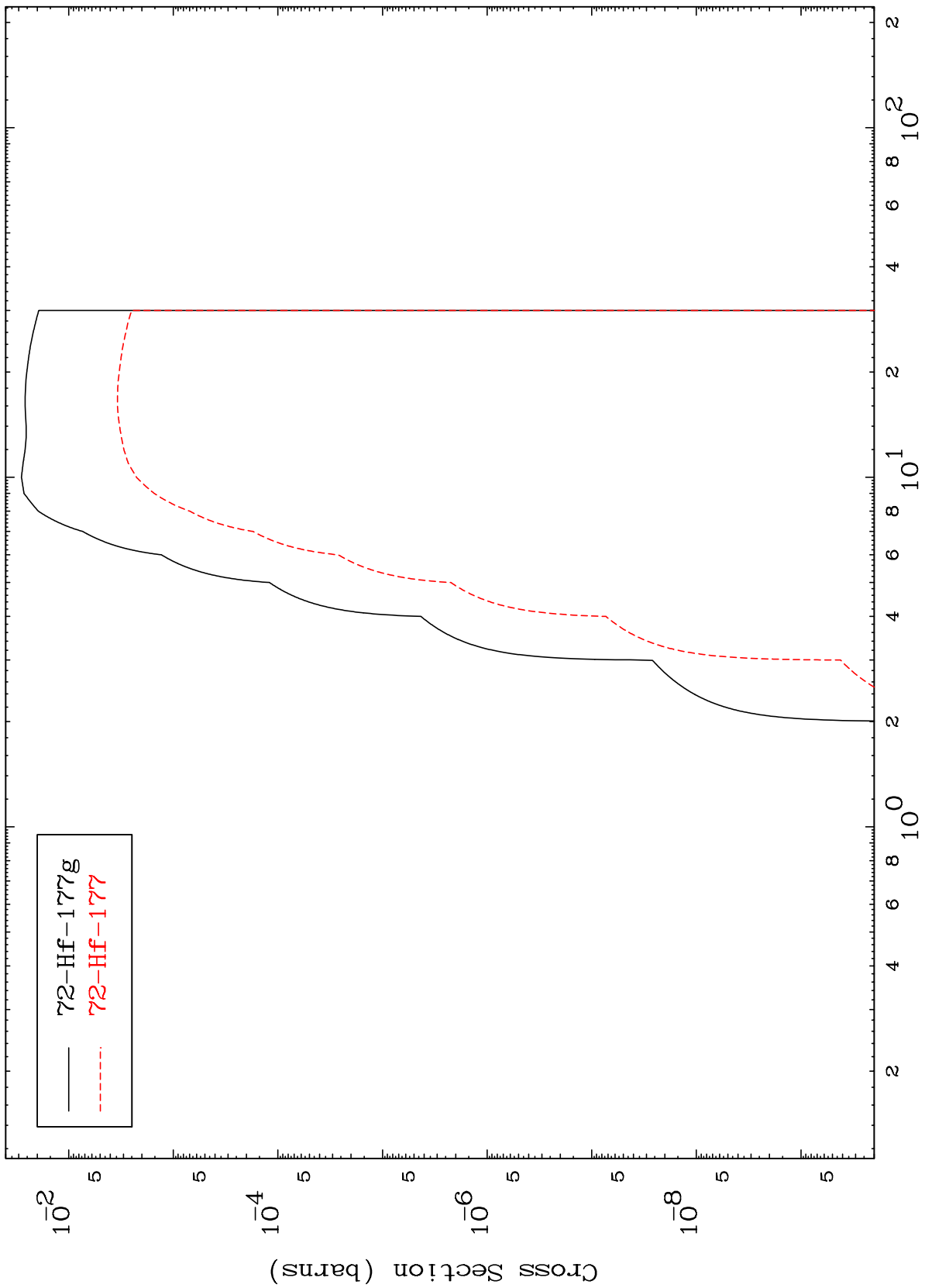
71-Lu-177m



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71-Lu-177m

Inelastic
Radionuclide Production Cross Section



12

71-Lu-177m

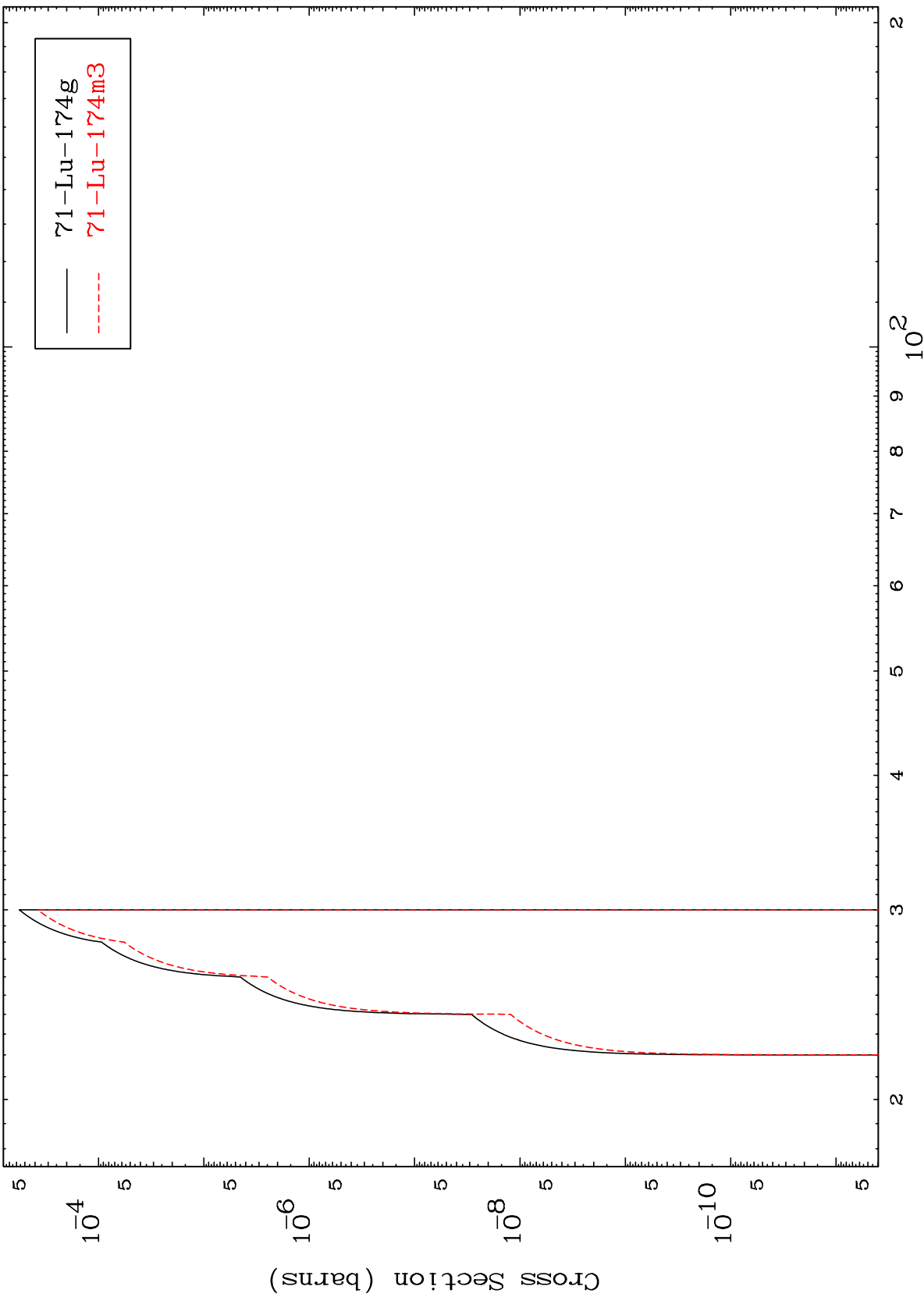
Incident Energy (MeV)

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(n,2n) d

⁷¹Lu-177m

Radionuclide Production Cross Section

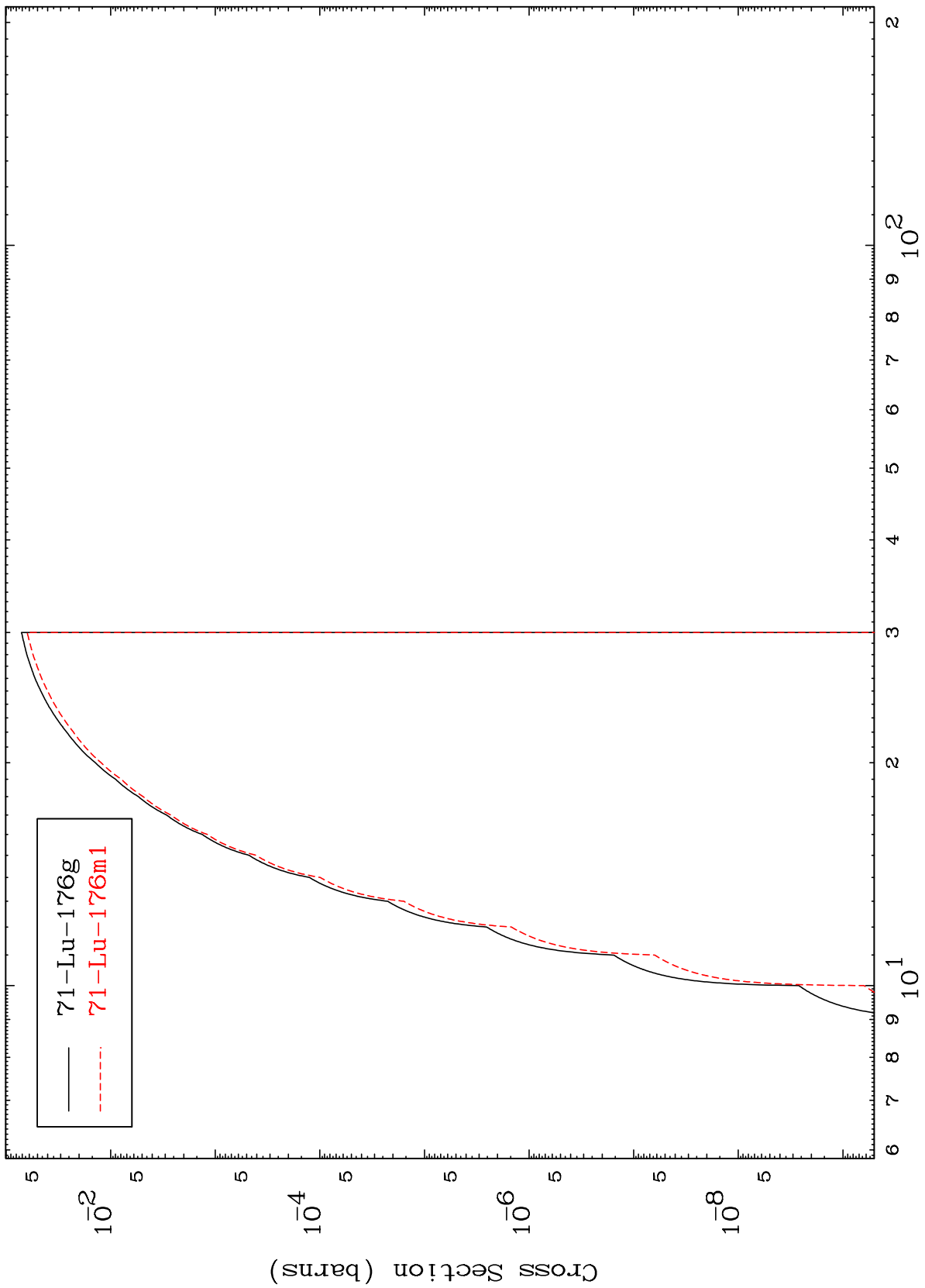


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(n,n') p

⁷¹Lu-177m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

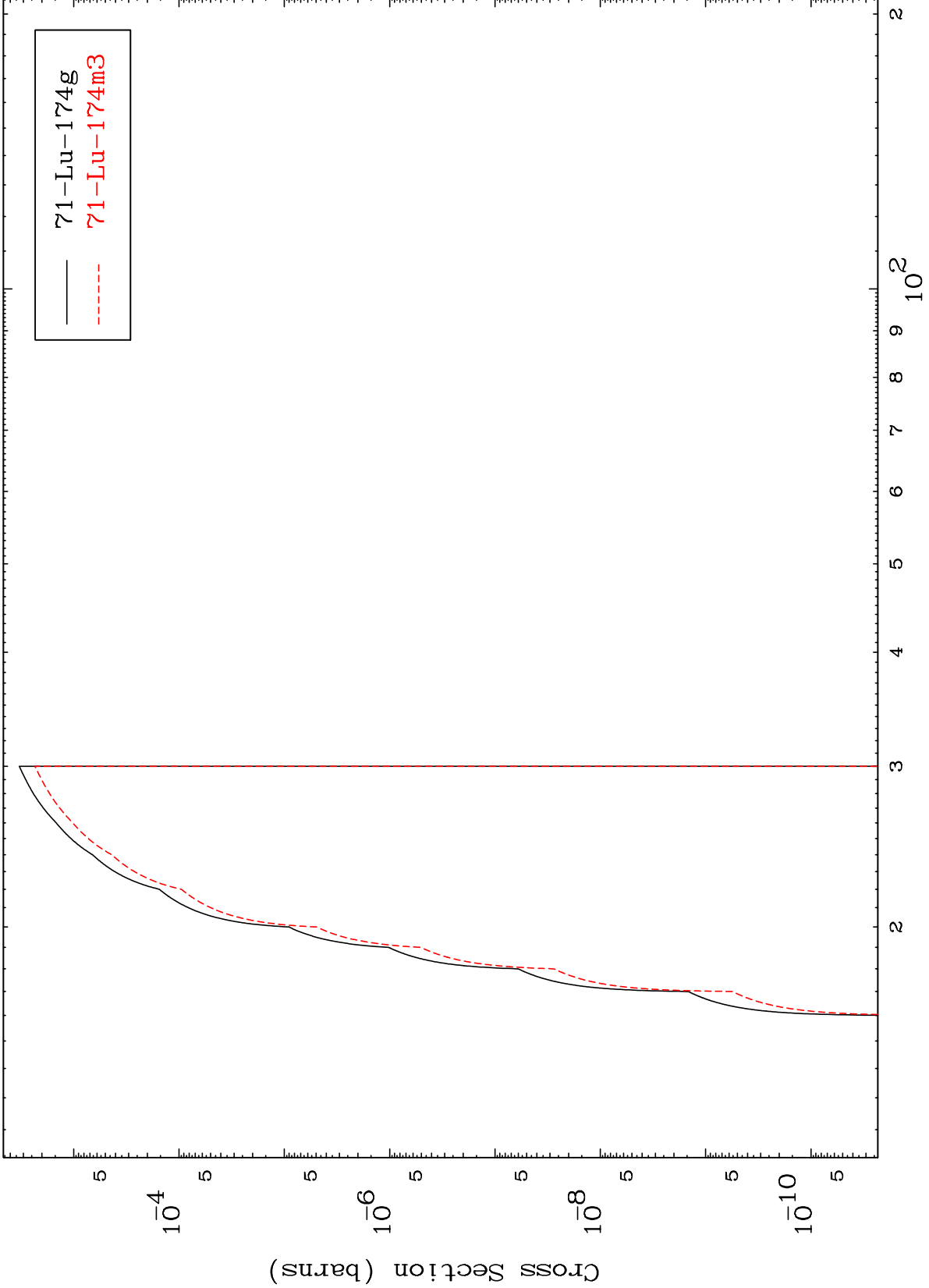
⁷¹Lu-177m

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(n,n') t

⁷¹Lu-177m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

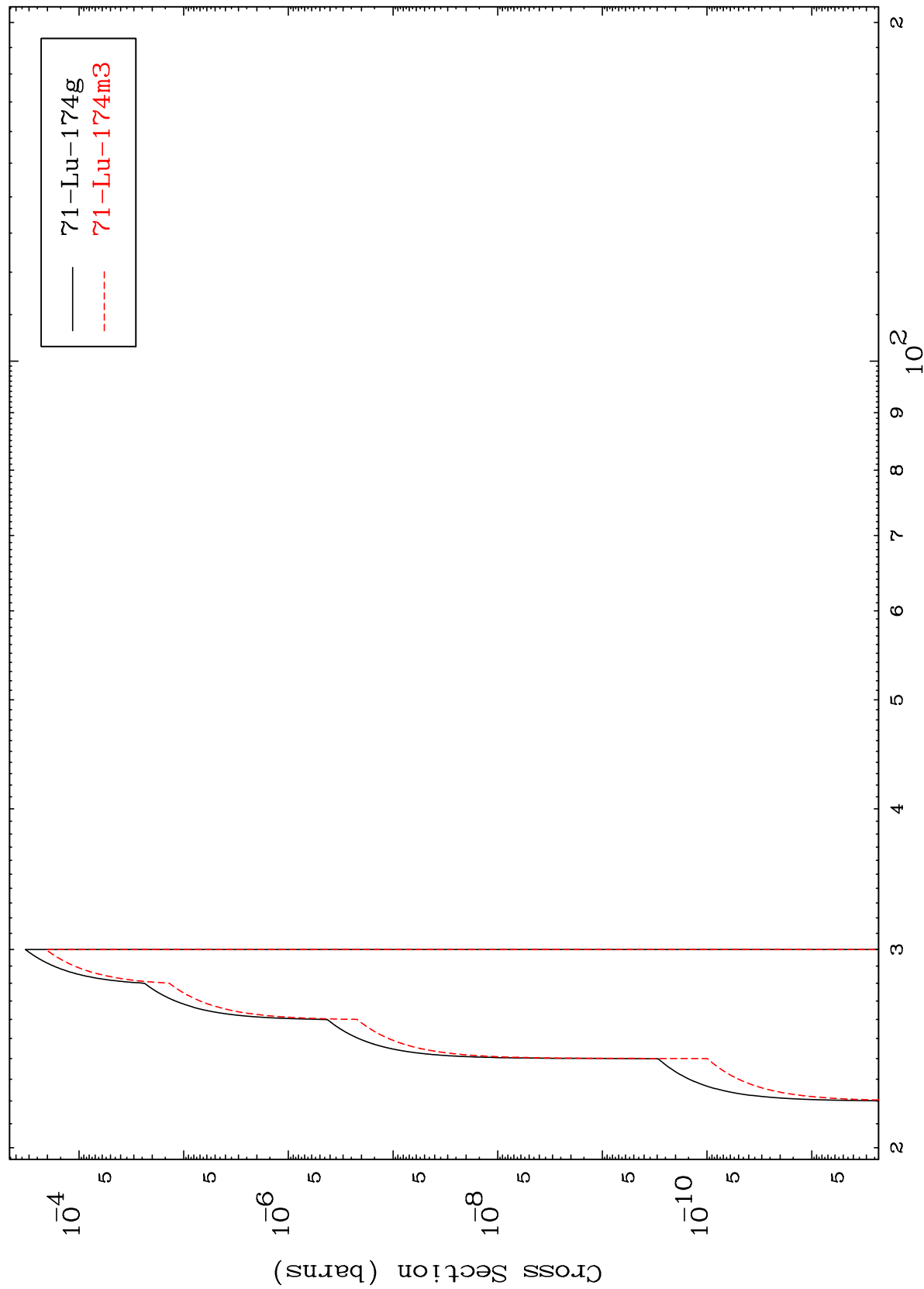
⁷¹Lu-177m

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(n,3n) p

⁷¹Lu-177m

Radionuclide Production Cross Section



16

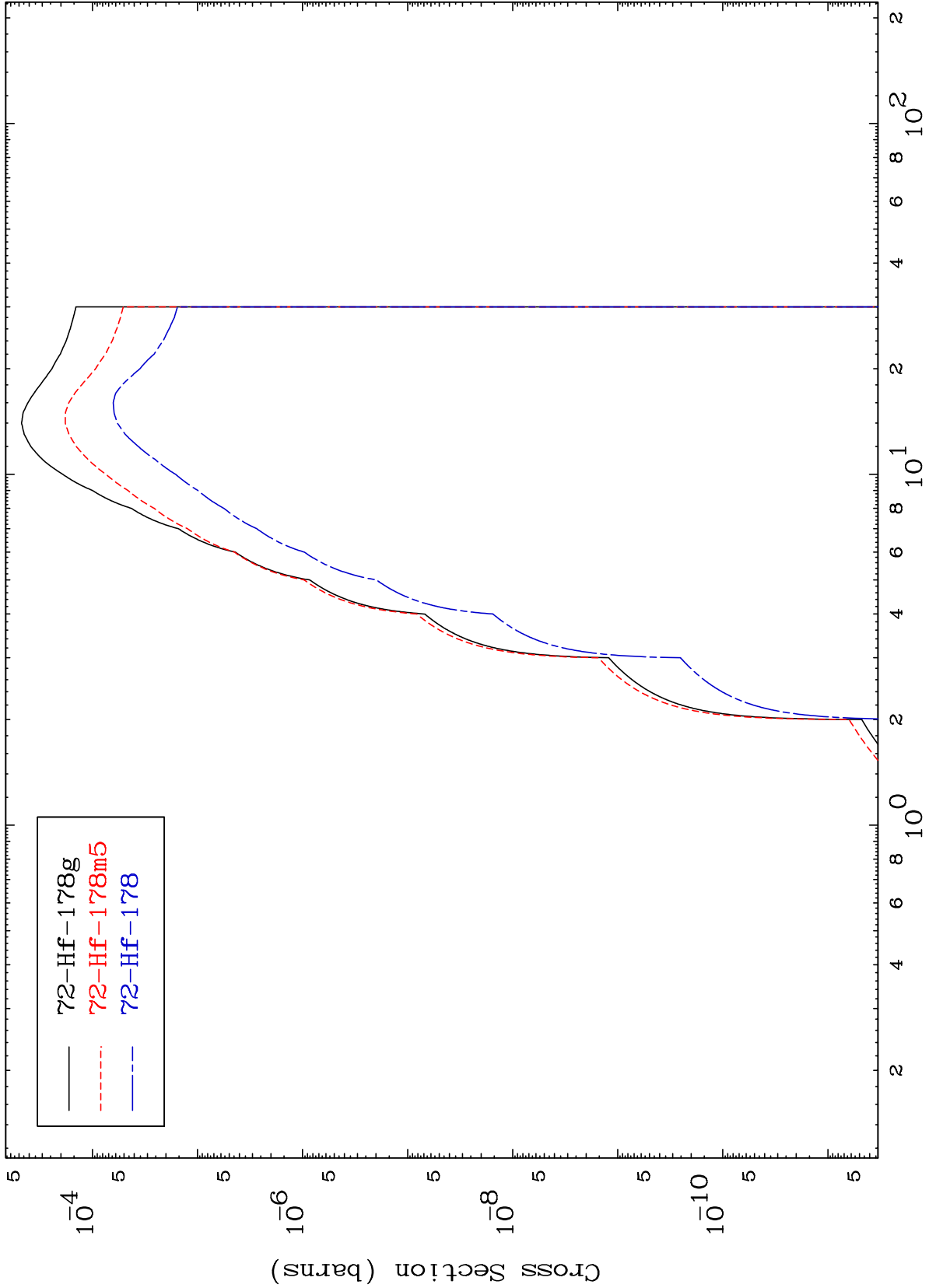
Incident Energy (MeV)

⁷¹Lu-177m

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71-Lu-177m

(n, γ)
Radionuclide Production Cross Section

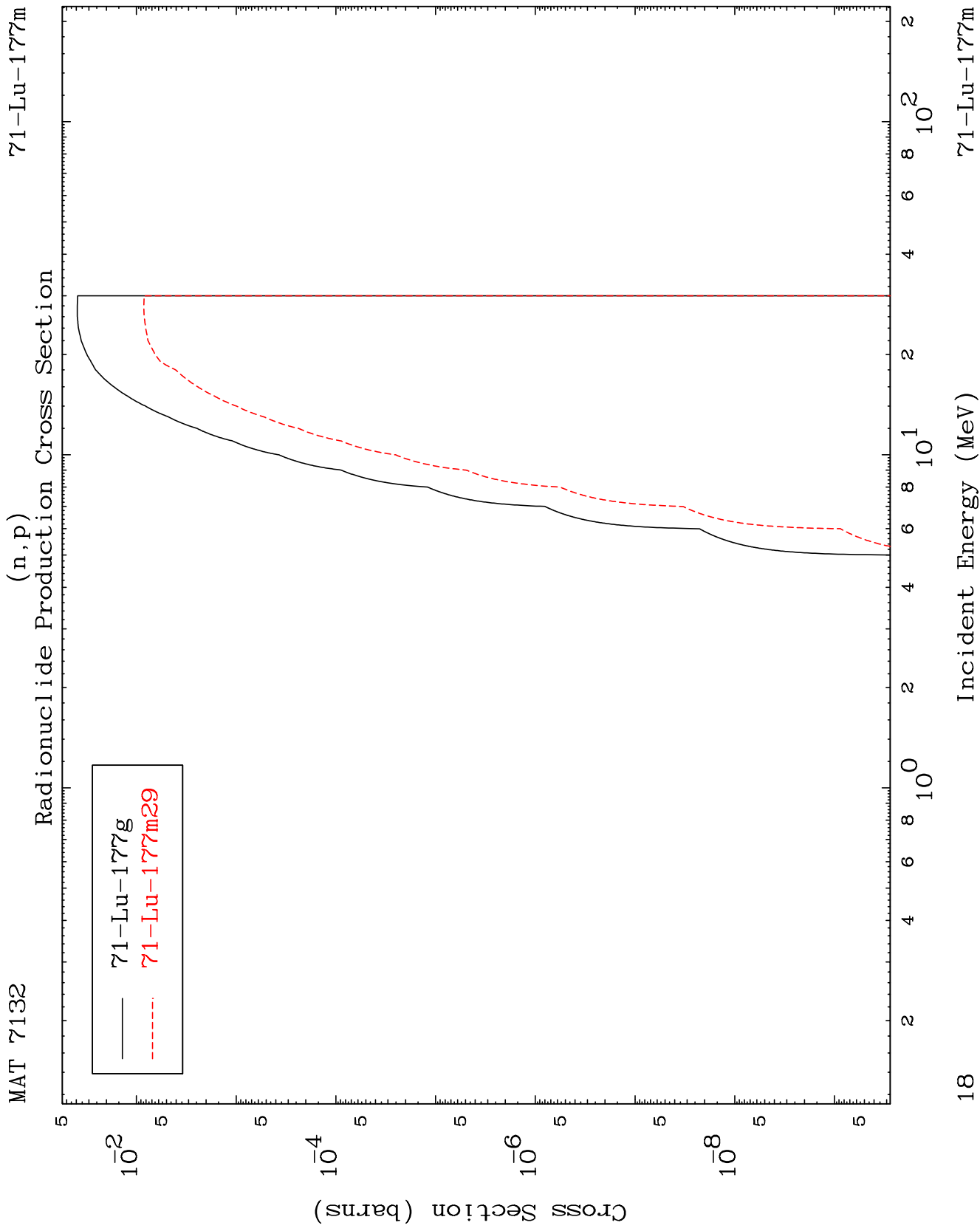


71-Lu-177m

Incident Energy (MeV)

17

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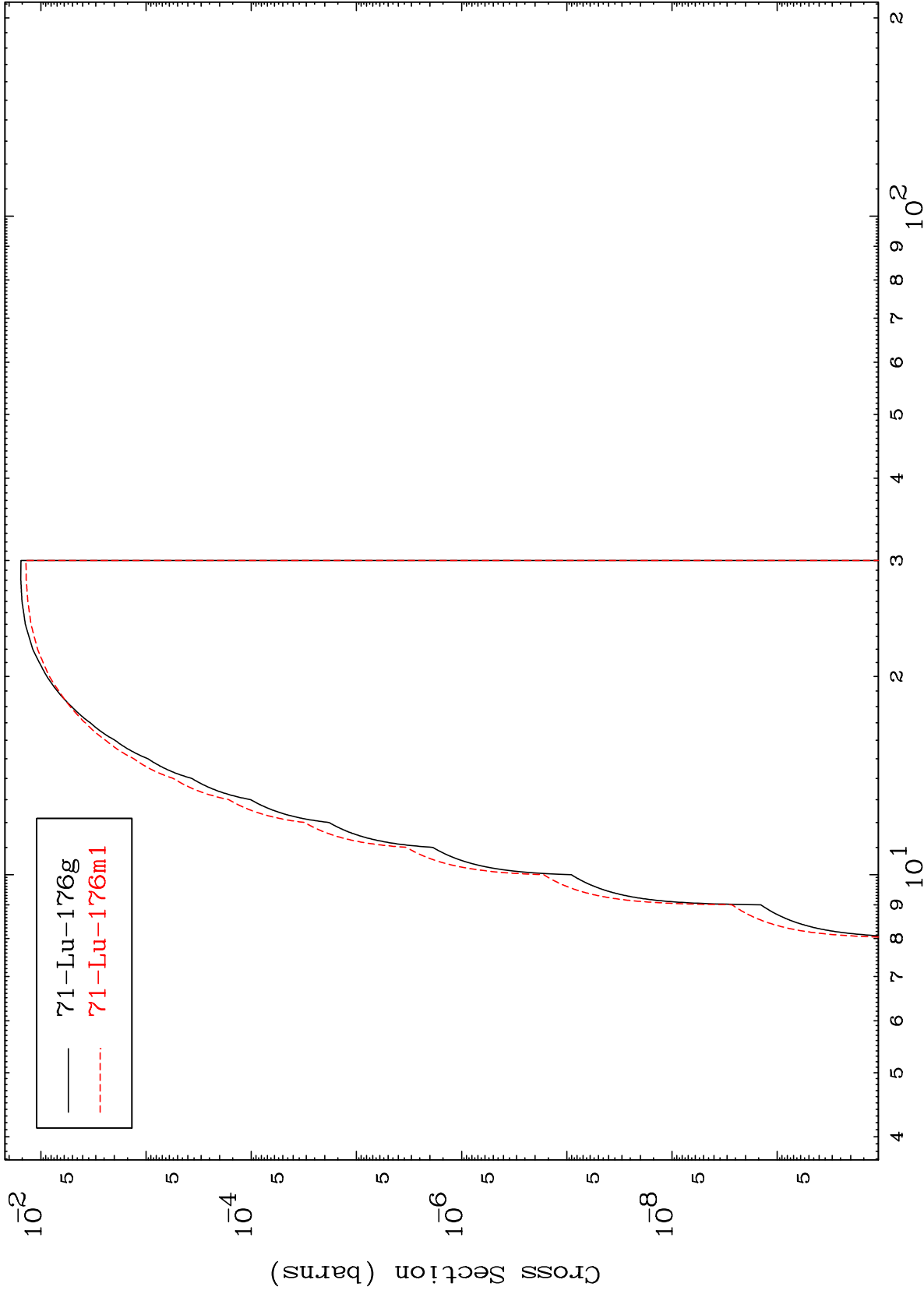


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(n,d)

⁷¹Lu-177m

Radionuclide Production Cross Section



— ⁷¹Lu-176g
- - - ⁷¹Lu-176m1

19

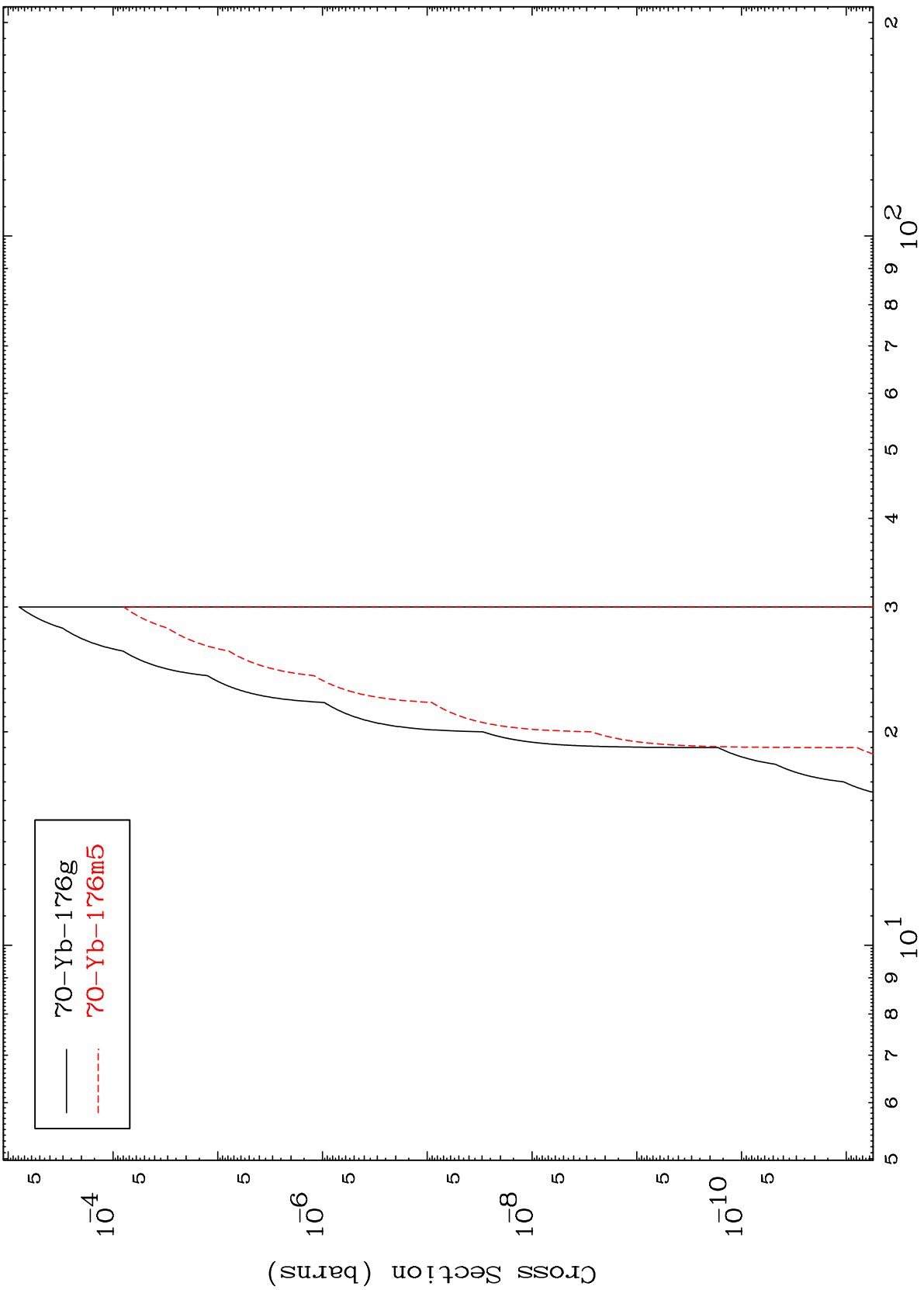
Incident Energy (MeV)

⁷¹Lu-177m

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⁷¹Lu-177m

Radionuclide Production Cross Section (n,2p)



— ⁷⁰Yb-176g
- - - ⁷⁰Yb-176m5

20

Incident Energy (MeV)

⁷¹Lu-177m